
Dataset for Photon Strength Function of ^{96}Mo : Experimental Spectra

Supplementary Material to "Exploration of Nuclear-Structure Effects on Averaged Decay Quantities in the Quasicontinuum"

Oliver Papst

June 25, 2024



TECHNISCHE
UNIVERSITÄT
DARMSTADT

Department of Physics
Institut für Kernphysik
AG Pietralla



This work is licensed under a Creative Commons
“Attribution 4.0 International” license.

<https://creativecommons.org/licenses/by/4.0/deed.en>

Dieses Werk ist lizenziert unter einer Creative Commons
“Namensnennung 4.0 International” Lizenz.

<https://creativecommons.org/licenses/by/4.0/deed.de>

Contents

List of Figures	v
1 $\gamma\gamma$-coincidence spectra and reconstruction of incident spectra of ^{96}Mo	1

List of Figures

1.1	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	3
1.2	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	4
1.3	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	5
1.4	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	6
1.5	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	7
1.6	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	8
1.7	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	9
1.8	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	10
1.9	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	11
1.10	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	12
1.11	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	13
1.12	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	14
1.13	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	15
1.14	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	16
1.15	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	17
1.16	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	18
1.17	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	19
1.18	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	20

1.19	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	21
1.20	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	22
1.21	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	23
1.22	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	24
1.23	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 3900 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	25
1.24	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	26
1.25	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	27
1.26	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	28
1.27	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	29
1.28	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	30
1.29	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	31
1.30	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	32
1.31	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	33
1.32	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	34
1.33	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	35
1.34	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	36
1.35	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	37
1.36	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	38
1.37	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	39
1.38	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	40
1.39	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	41
1.40	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	42
1.41	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	43
1.42	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	44
1.43	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	45

1.44	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	46
1.45	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	47
1.46	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4100 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	48
1.47	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	49
1.48	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	50
1.49	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	51
1.50	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	52
1.51	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	53
1.52	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	54
1.53	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	55
1.54	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	56
1.55	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	57
1.56	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	58
1.57	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	59
1.58	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	60
1.59	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	61
1.60	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	62
1.61	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	63
1.62	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	64
1.63	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	65
1.64	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	66
1.65	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	67
1.66	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	68
1.67	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	69
1.68	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	70
1.69	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4300 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	71

1.70	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	72
1.71	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	73
1.72	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	74
1.73	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	75
1.74	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	76
1.75	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	77
1.76	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	78
1.77	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	79
1.78	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	80
1.79	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	81
1.80	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	82
1.81	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	83
1.82	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	84
1.83	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	85
1.84	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	86
1.85	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	87
1.86	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	88
1.87	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	89
1.88	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	90
1.89	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	91
1.90	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	92
1.91	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	93
1.92	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4500 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	94
1.93	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	95
1.94	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	96
1.95	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	97

1.96	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	98
1.97	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	99
1.98	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	100
1.99	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	101
1.100	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	102
1.101	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	103
1.102	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	104
1.103	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	105
1.104	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	106
1.105	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	107
1.106	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	108
1.107	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	109
1.108	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	110
1.109	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	111
1.110	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	112
1.111	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	113
1.112	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	114
1.113	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	115
1.114	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	116
1.115	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4700 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	117
1.116	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	118
1.117	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	119
1.118	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	120
1.119	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	121

1.120	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	122
1.121	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	123
1.122	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	124
1.123	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	125
1.124	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	126
1.125	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	127
1.126	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	128
1.127	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	129
1.128	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	130
1.129	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	131
1.130	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	132
1.131	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	133
1.132	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	134
1.133	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	135
1.134	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	136
1.135	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	137
1.136	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	138
1.137	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	139
1.138	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 4900 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	140
1.139	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	141
1.140	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	142
1.141	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	143
1.142	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	144
1.143	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	145
1.144	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	146

1.145	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	147
1.146	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	148
1.147	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	149
1.148	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	150
1.149	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	151
1.150	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	152
1.151	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	153
1.152	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	154
1.153	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	155
1.154	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	156
1.155	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	157
1.156	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	158
1.157	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	159
1.158	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	160
1.159	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	161
1.160	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	162
1.161	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5100 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	163
1.162	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	164
1.163	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	165
1.164	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	166
1.165	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	167
1.166	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	168
1.167	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	169
1.168	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	170
1.169	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	171
1.170	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	172

1.171	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	173
1.172	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	174
1.173	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	175
1.174	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	176
1.175	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	177
1.176	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	178
1.177	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	179
1.178	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	180
1.179	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	181
1.180	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	182
1.181	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	183
1.182	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	184
1.183	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	185
1.184	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5300 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	186
1.185	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	187
1.186	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	188
1.187	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	189
1.188	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	190
1.189	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	191
1.190	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	192
1.191	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	193
1.192	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	194
1.193	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	195
1.194	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	196
1.195	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	197

1.196	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500\text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	198
1.197	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500\text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	199
1.198	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500\text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	200
1.199	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500\text{ keV}$, $2_7^+ \rightarrow 2_1^+$	201
1.200	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500\text{ keV}$, $2_8^+ \rightarrow 2_1^+$	202
1.201	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500\text{ keV}$, $2_8^+ \rightarrow 2_3^+$	203
1.202	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500\text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	204
1.203	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500\text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	205
1.204	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500\text{ keV}$, $0_2^+ \rightarrow 2_1^+$	206
1.205	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500\text{ keV}$, $1_a^+ \rightarrow 0_1^+$	207
1.206	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500\text{ keV}$, $1_b^+ \rightarrow 0_1^+$	208
1.207	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5500\text{ keV}$, $3_1^+ \rightarrow 2_1^+$	209
1.208	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750\text{ keV}$, $2_1^+ \rightarrow 0_1^+$	210
1.209	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750\text{ keV}$, $2_2^+ \rightarrow 0_1^+$	211
1.210	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750\text{ keV}$, $2_2^+ \rightarrow 2_1^+$	212
1.211	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750\text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	213
1.212	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750\text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	214
1.213	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750\text{ keV}$, $2_3^+ \rightarrow 2_1^+$	215
1.214	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750\text{ keV}$, $2_4^+ \rightarrow 2_1^+$	216
1.215	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750\text{ keV}$, $2_5^+ \rightarrow 2_1^+$	217
1.216	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750\text{ keV}$, $2_6^+ \rightarrow 0_1^+$	218
1.217	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750\text{ keV}$, $2_6^+ \rightarrow 2_1^+$	219
1.218	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750\text{ keV}$, $2_6^+ \rightarrow 2_2^+$	220
1.219	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750\text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	221

1.220	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	222
1.221	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	223
1.222	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	224
1.223	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	225
1.224	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	226
1.225	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	227
1.226	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	228
1.227	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	229
1.228	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	230
1.229	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	231
1.230	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 5750 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	232
1.231	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	233
1.232	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	234
1.233	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	235
1.234	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	236
1.235	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	237
1.236	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	238
1.237	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	239
1.238	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	240
1.239	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	241
1.240	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	242
1.241	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	243
1.242	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	244
1.243	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	245

1.244	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	246
1.245	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	247
1.246	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	248
1.247	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	249
1.248	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	250
1.249	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	251
1.250	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	252
1.251	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	253
1.252	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	254
1.253	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6000 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	255
1.254	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	256
1.255	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	257
1.256	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	258
1.257	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	259
1.258	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	260
1.259	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	261
1.260	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	262
1.261	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	263
1.262	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	264
1.263	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	265
1.264	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	266
1.265	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	267
1.266	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	268
1.267	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	269
1.268	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	270

1.269	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	271
1.270	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	272
1.271	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	273
1.272	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	274
1.273	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	275
1.274	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	276
1.275	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	277
1.276	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6250 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	278
1.277	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	279
1.278	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	280
1.279	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	281
1.280	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	282
1.281	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	283
1.282	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	284
1.283	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	285
1.284	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	286
1.285	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	287
1.286	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	288
1.287	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	289
1.288	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	290
1.289	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	291
1.290	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	292
1.291	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	293
1.292	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	294
1.293	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	295

1.294	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500\text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	296
1.295	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500\text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	297
1.296	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500\text{ keV}$, $0_2^+ \rightarrow 2_1^+$	298
1.297	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500\text{ keV}$, $1_a^+ \rightarrow 0_1^+$	299
1.298	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500\text{ keV}$, $1_b^+ \rightarrow 0_1^+$	300
1.299	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6500\text{ keV}$, $3_1^+ \rightarrow 2_1^+$	301
1.300	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_1^+ \rightarrow 0_1^+$	302
1.301	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_2^+ \rightarrow 0_1^+$	303
1.302	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_2^+ \rightarrow 2_1^+$	304
1.303	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	305
1.304	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	306
1.305	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_3^+ \rightarrow 2_1^+$	307
1.306	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_4^+ \rightarrow 2_1^+$	308
1.307	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_5^+ \rightarrow 2_1^+$	309
1.308	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_6^+ \rightarrow 0_1^+$	310
1.309	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_6^+ \rightarrow 2_1^+$	311
1.310	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_6^+ \rightarrow 2_2^+$	312
1.311	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	313
1.312	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	314
1.313	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	315
1.314	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_7^+ \rightarrow 2_1^+$	316
1.315	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_8^+ \rightarrow 2_1^+$	317
1.316	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_8^+ \rightarrow 2_3^+$	318
1.317	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750\text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	319

1.318	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	320
1.319	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	321
1.320	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	322
1.321	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	323
1.322	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 6750 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	324
1.323	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	325
1.324	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	326
1.325	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	327
1.326	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	328
1.327	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	329
1.328	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	330
1.329	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	331
1.330	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	332
1.331	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	333
1.332	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	334
1.333	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	335
1.334	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	336
1.335	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	337
1.336	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	338
1.337	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	339
1.338	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	340
1.339	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	341
1.340	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	342
1.341	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	343
1.342	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	344

1.343	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	345
1.344	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	346
1.345	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7000 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	347
1.346	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	348
1.347	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	349
1.348	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	350
1.349	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	351
1.350	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	352
1.351	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	353
1.352	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	354
1.353	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	355
1.354	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	356
1.355	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	357
1.356	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	358
1.357	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	359
1.358	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	360
1.359	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	361
1.360	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	362
1.361	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	363
1.362	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	364
1.363	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	365
1.364	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	366
1.365	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	367
1.366	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	368
1.367	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	369
1.368	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7250 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	370

1.369	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	371
1.370	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	372
1.371	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	373
1.372	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	374
1.373	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	375
1.374	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	376
1.375	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	377
1.376	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	378
1.377	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	379
1.378	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	380
1.379	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	381
1.380	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	382
1.381	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	383
1.382	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	384
1.383	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	385
1.384	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	386
1.385	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	387
1.386	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	388
1.387	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	389
1.388	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	390
1.389	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	391
1.390	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	392
1.391	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7500 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	393
1.392	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	394
1.393	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	395
1.394	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	396

1.395	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	397
1.396	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	398
1.397	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	399
1.398	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	400
1.399	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	401
1.400	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	402
1.401	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	403
1.402	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	404
1.403	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	405
1.404	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	406
1.405	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	407
1.406	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	408
1.407	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	409
1.408	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	410
1.409	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	411
1.410	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	412
1.411	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	413
1.412	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	414
1.413	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	415
1.414	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 7750 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	416
1.415	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	417
1.416	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	418
1.417	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	419
1.418	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	420

1.419	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	421
1.420	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	422
1.421	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	423
1.422	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	424
1.423	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	425
1.424	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	426
1.425	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	427
1.426	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	428
1.427	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	429
1.428	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	430
1.429	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	431
1.430	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	432
1.431	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	433
1.432	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	434
1.433	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	435
1.434	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	436
1.435	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	437
1.436	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	438
1.437	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8000 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	439
1.438	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	440
1.439	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	441
1.440	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	442
1.441	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	443
1.442	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	444
1.443	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	445

1.444	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	446
1.445	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	447
1.446	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	448
1.447	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	449
1.448	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	450
1.449	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	451
1.450	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	452
1.451	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	453
1.452	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	454
1.453	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	455
1.454	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	456
1.455	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	457
1.456	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	458
1.457	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	459
1.458	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	460
1.459	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	461
1.460	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8250 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	462
1.461	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	463
1.462	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	464
1.463	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	465
1.464	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	466
1.465	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	467
1.466	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	468
1.467	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	469
1.468	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	470
1.469	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	471

1.470	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	472
1.471	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	473
1.472	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	474
1.473	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	475
1.474	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	476
1.475	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	477
1.476	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	478
1.477	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	479
1.478	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	480
1.479	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	481
1.480	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	482
1.481	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	483
1.482	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	484
1.483	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8500 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	485
1.484	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	486
1.485	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	487
1.486	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	488
1.487	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	489
1.488	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	490
1.489	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	491
1.490	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	492
1.491	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	493
1.492	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	494
1.493	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	495
1.494	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	496

1.495	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	497
1.496	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	498
1.497	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	499
1.498	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	500
1.499	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	501
1.500	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	502
1.501	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	503
1.502	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	504
1.503	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	505
1.504	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	506
1.505	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	507
1.506	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 8750 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	508
1.507	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	509
1.508	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	510
1.509	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	511
1.510	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	512
1.511	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	513
1.512	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	514
1.513	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	515
1.514	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	516
1.515	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	517
1.516	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	518
1.517	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	519
1.518	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	520

1.519	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	521
1.520	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	522
1.521	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	523
1.522	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	524
1.523	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	525
1.524	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	526
1.525	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	527
1.526	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	528
1.527	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	529
1.528	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	530
1.529	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9000 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	531
1.530	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_1^+ \rightarrow 0_1^+$	532
1.531	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$	533
1.532	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$	534
1.533	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_2^+ \rightarrow 0_1^+$ (gating on all decays of 2_2^+)	535
1.534	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_2^+ \rightarrow 2_1^+$ (gating on all decays of 2_2^+)	536
1.535	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_3^+ \rightarrow 2_1^+$	537
1.536	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_4^+ \rightarrow 2_1^+$	538
1.537	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_5^+ \rightarrow 2_1^+$	539
1.538	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$	540
1.539	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$	541
1.540	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$	542
1.541	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_6^+ \rightarrow 0_1^+$ (gating on all decays of 2_6^+)	543
1.542	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_6^+ \rightarrow 2_1^+$ (gating on all decays of 2_6^+)	544

1.543	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_6^+ \rightarrow 2_2^+$ (gating on all decays of 2_6^+)	545
1.544	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_7^+ \rightarrow 2_1^+$	546
1.545	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$	547
1.546	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$	548
1.547	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_8^+ \rightarrow 2_1^+$ (gating on all decays of 2_8^+)	549
1.548	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $2_8^+ \rightarrow 2_3^+$ (gating on all decays of 2_8^+)	550
1.549	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $0_2^+ \rightarrow 2_1^+$	551
1.550	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $1_a^+ \rightarrow 0_1^+$	552
1.551	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $1_b^+ \rightarrow 0_1^+$	553
1.552	^{96}Mo $\gamma\gamma$ -coincidence spectra: $E_{\text{beam}} = 9250 \text{ keV}$, $3_1^+ \rightarrow 2_1^+$	554

1 $\gamma\gamma$ -coincidence spectra and reconstruction of incident spectra of ^{96}Mo

In this document, all coincidence spectra used for the determination of the PSF of ^{96}Mo are shown. There are spectra for each photon-beam energy, and for each primary decay into a low-lying state. The coincidence spectra are created by gating on the decay of the low-lying state. The energy gates are depicted in the top row of each figure. For the 2_2^+ , 2_6^+ , and 2_8^+ states, multiple transitions to other low-lying states were used for the creation of coincidence spectra. A fit was performed that simultaneously takes into account primary decays that are coincident with any of the observed decays of the low-lying state. The gates and fit spectra for each low-lying transition are depicted separately in multiple figures, one for each observed decay of the low-lying state. In addition, individual fits were performed, only gating on one of the observed decays of the low-lying states 2_2^+ , 2_6^+ , and 2_8^+ , for which multiple decay transitions were observed.

In each figure, two fits are depicted in the middle and bottom panel. The middle panel shows a fit that distinguishes $E1$ and $M1$ radiation, and considers the information of each of the 110 possible detectors pairs separately to include angular-distribution information. The fit uses a non-negative prior distribution for the number of incident photons.

The bottom panel shows another fit that assumes pure $E1$ contribution. The fit is based on two sum spectra, one for all LaBr_3 detectors, and another one for all HPGe detectors. An uninformed prior distribution for the number of incident photons, which can also be negative, is used.

Each of the bottom two panels shows the sum spectrum of all detectors (even the spectra were fitted individually). Both the beam-gated spectrum and the background-gated spectrum are shown. The background-gated spectrum is scaled to the beam-gated spectrum according to the ratio of the energy widths of the gates (depicted in the top row). The expected energies for primary transitions to low-lying states are marked by dotted lines with gray labels.

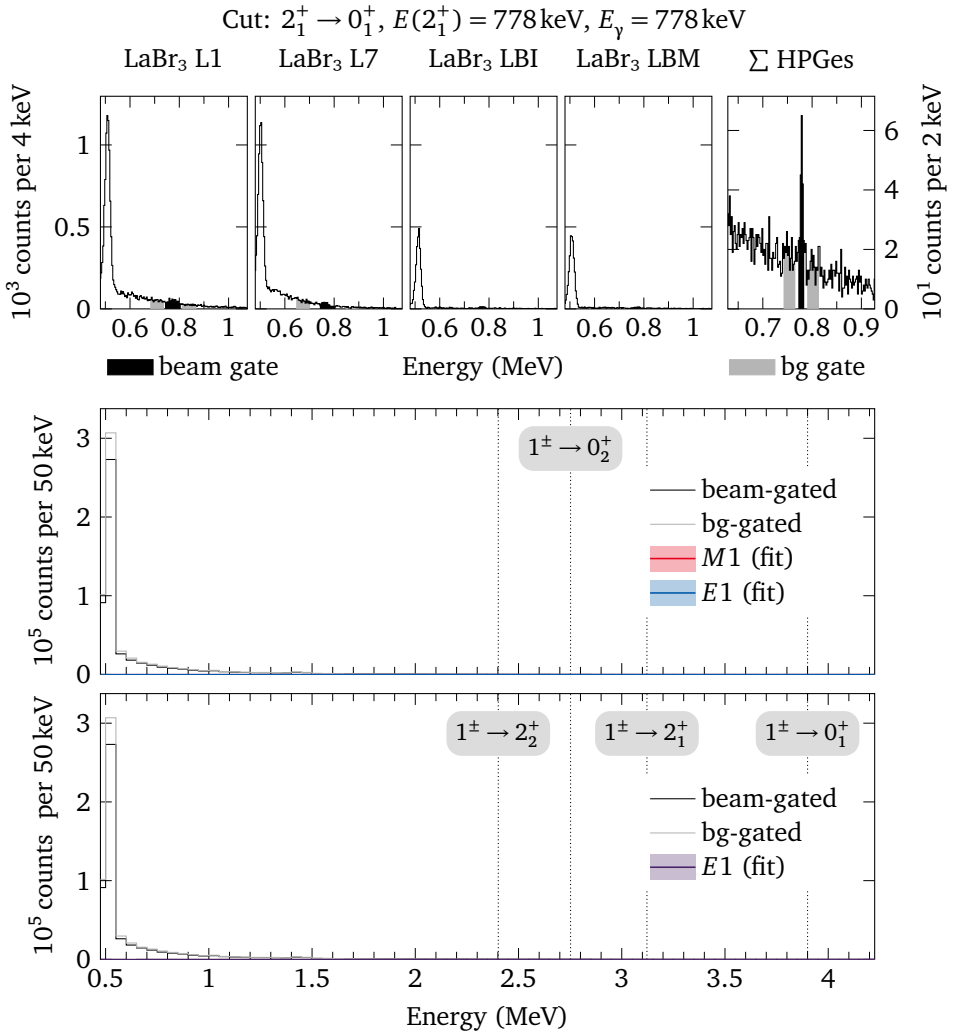


Figure 1.1: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

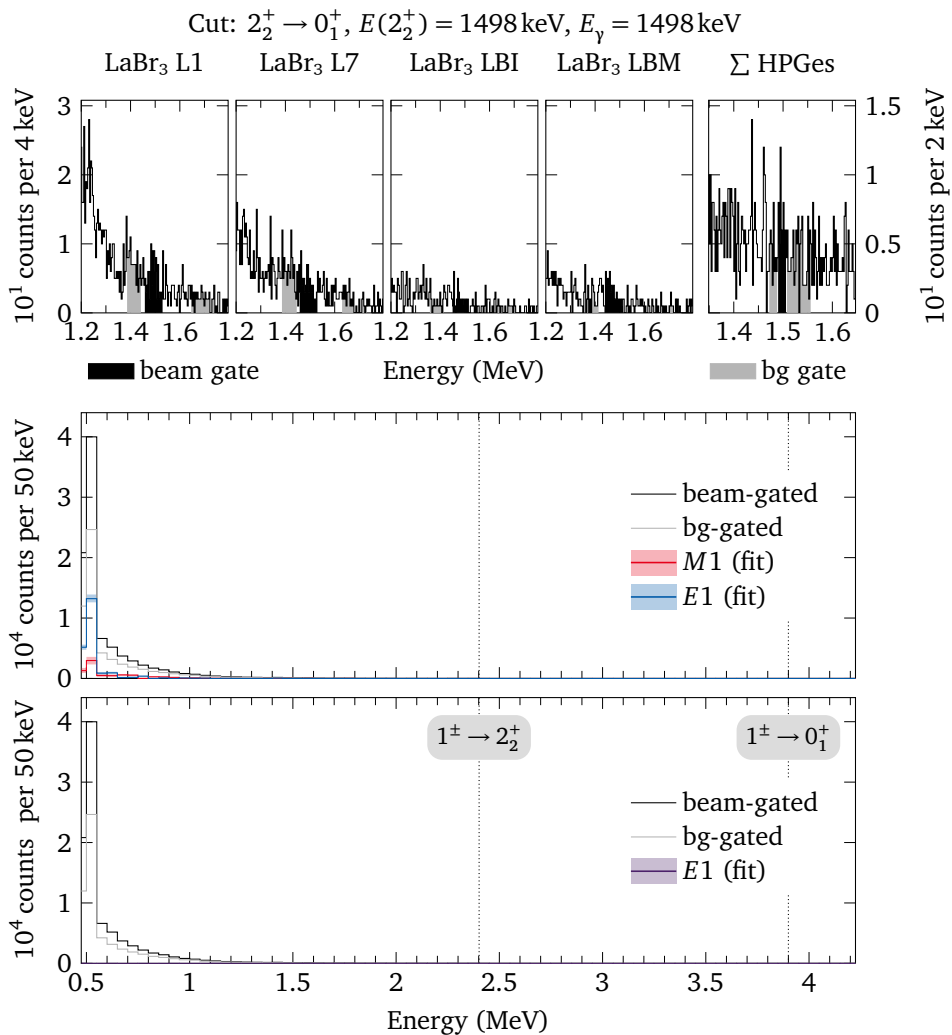


Figure 1.2: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

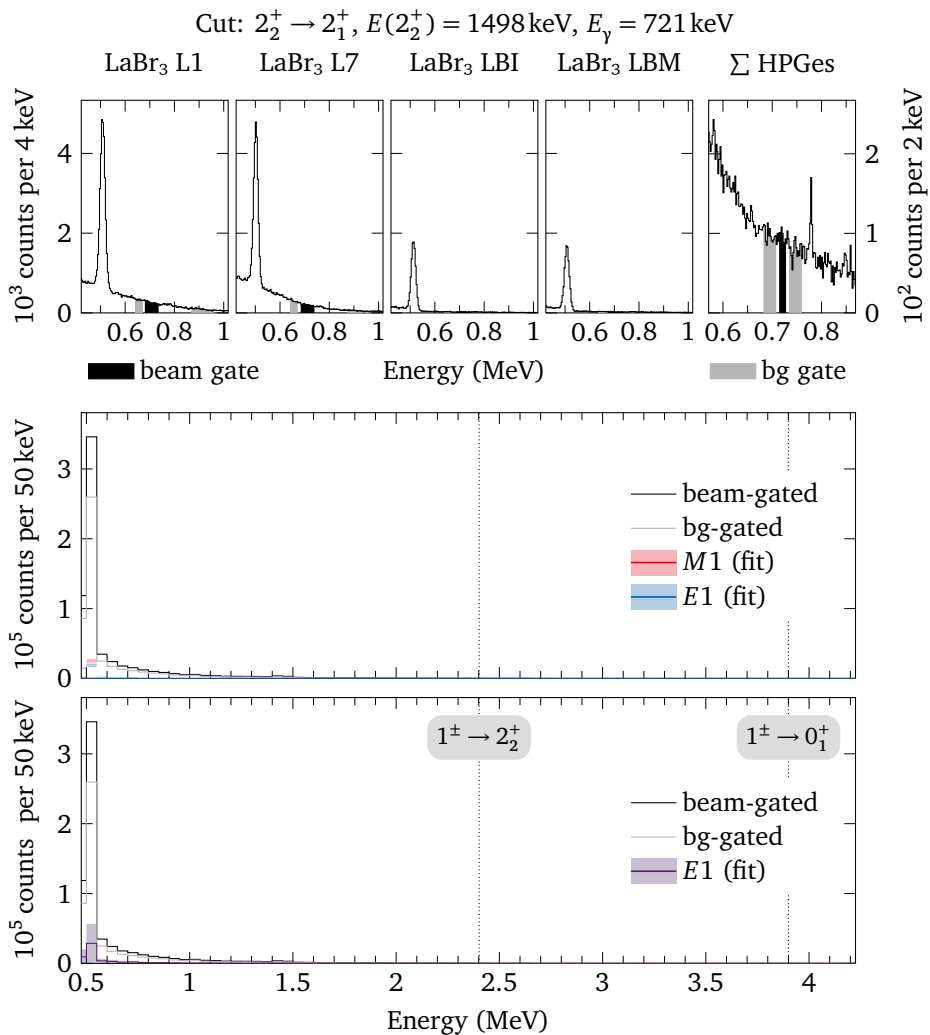


Figure 1.3: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

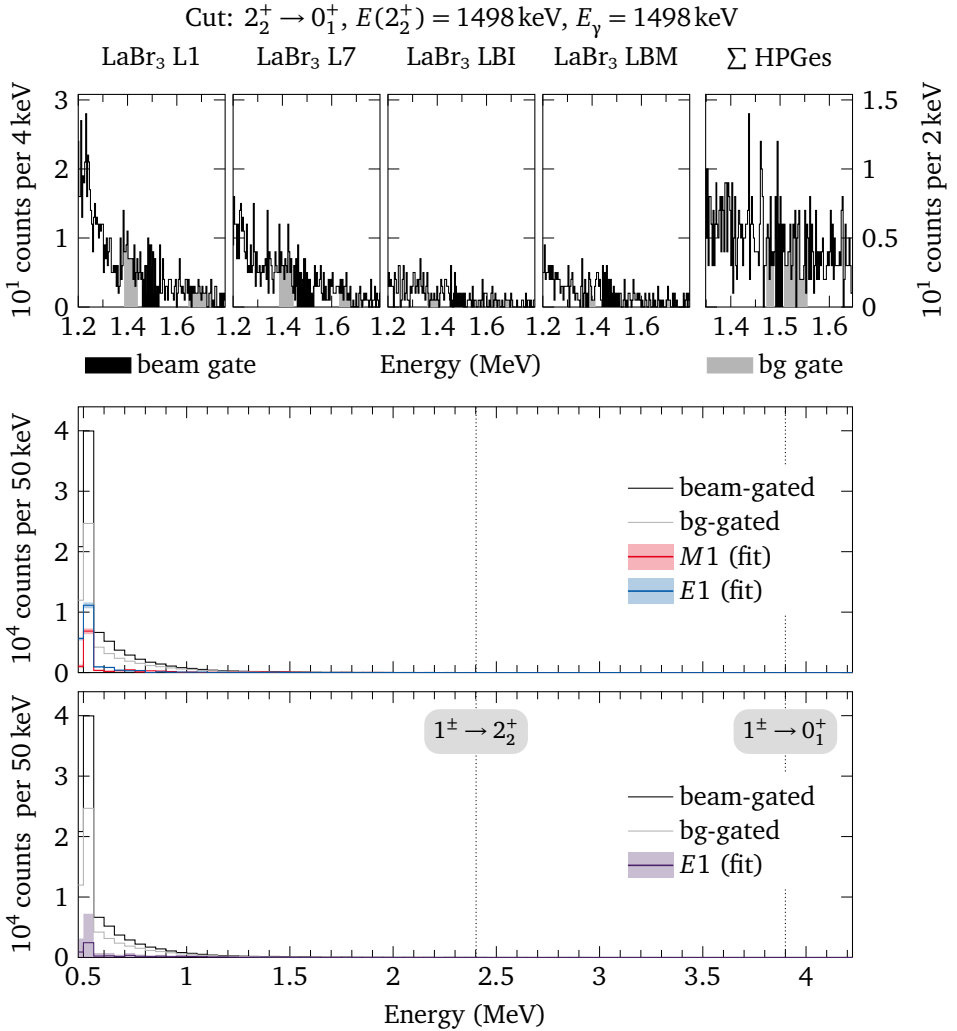


Figure 1.4: $E_{\text{beam}} = 3900 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

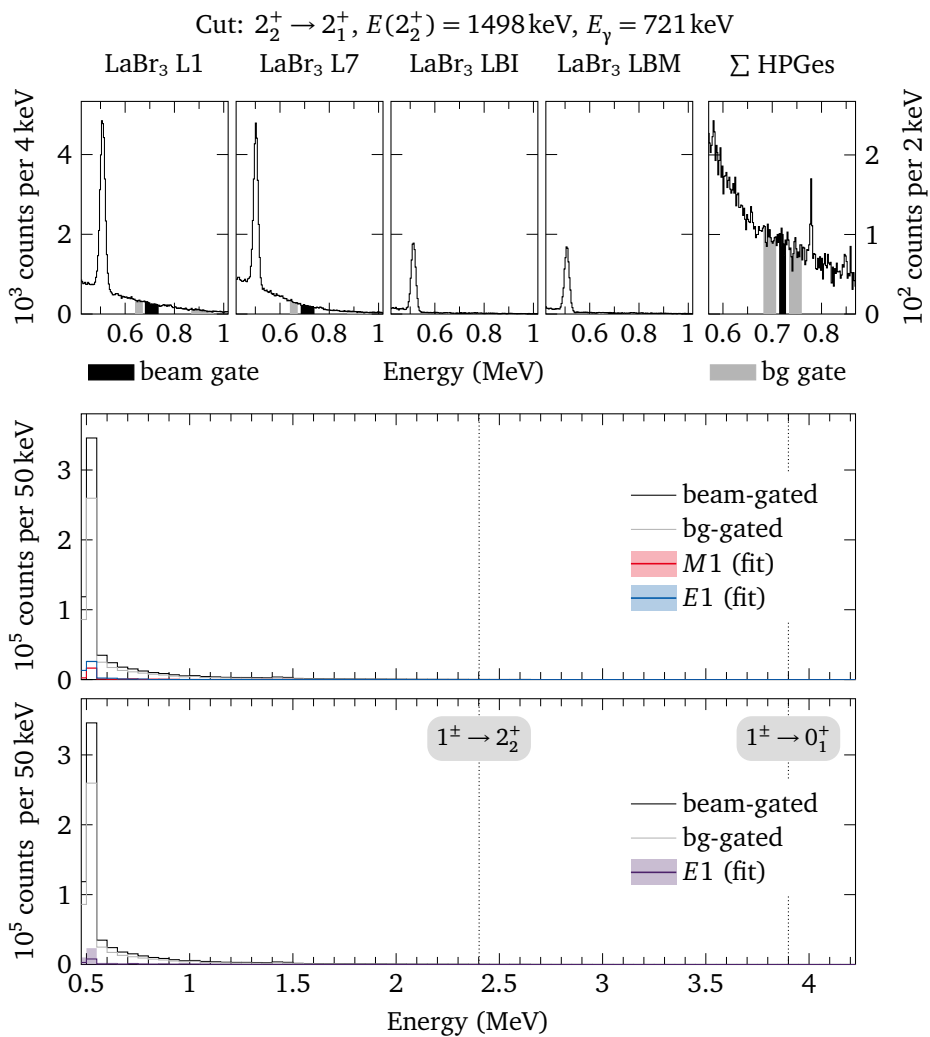


Figure 1.5: $E_{\text{beam}} = 3900 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

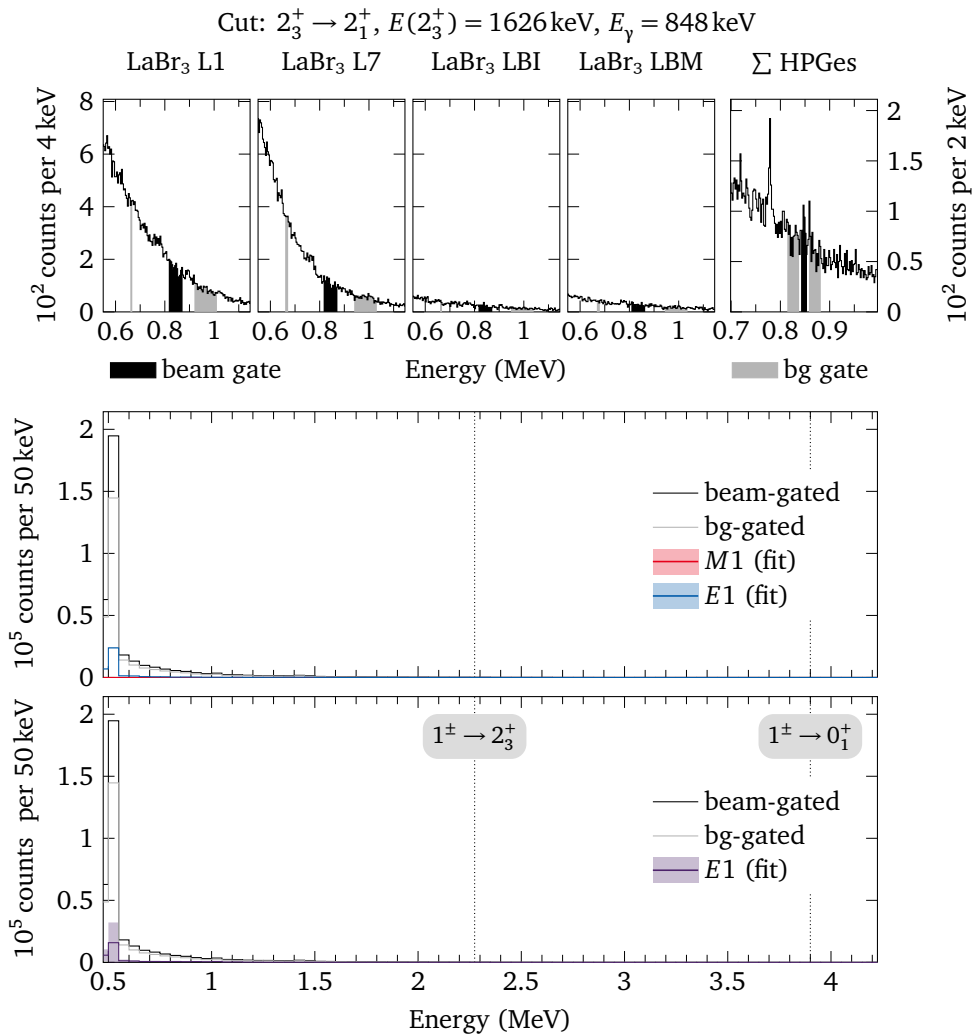


Figure 1.6: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

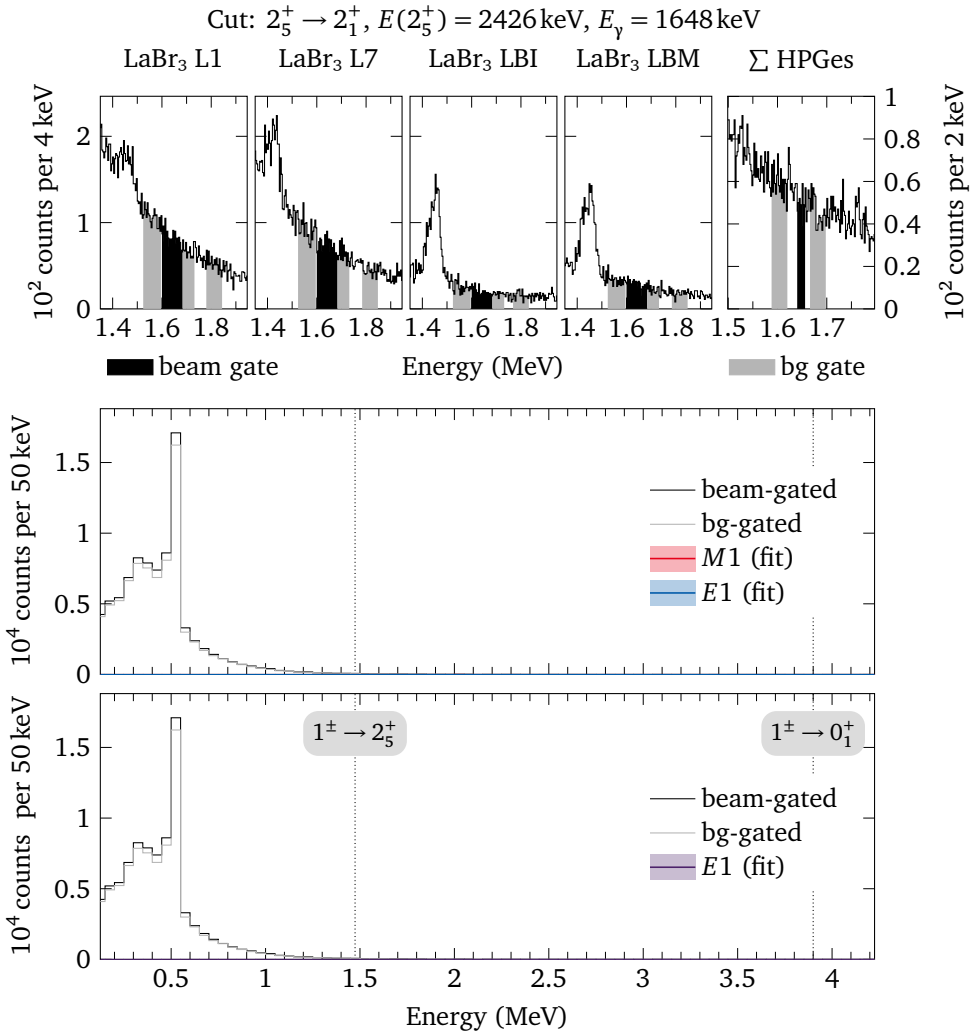


Figure 1.8: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

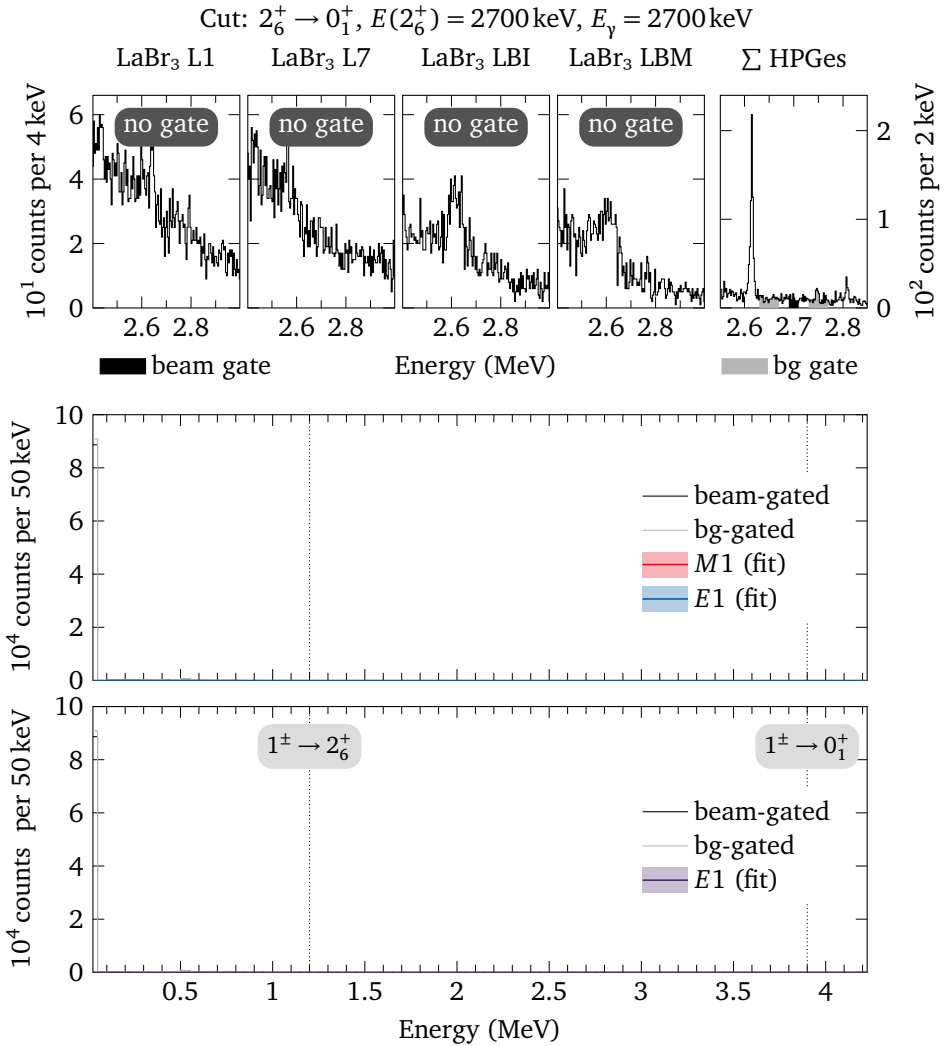


Figure 1.9: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

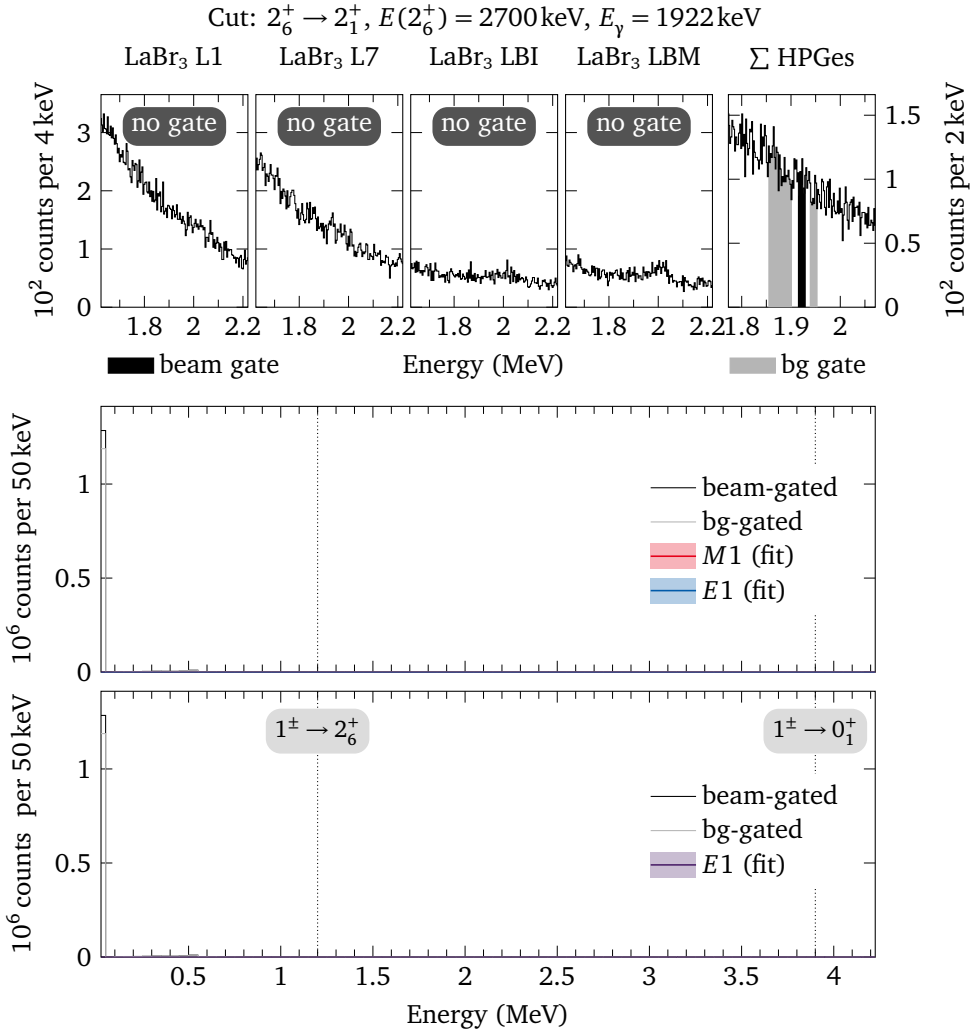


Figure 1.10: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

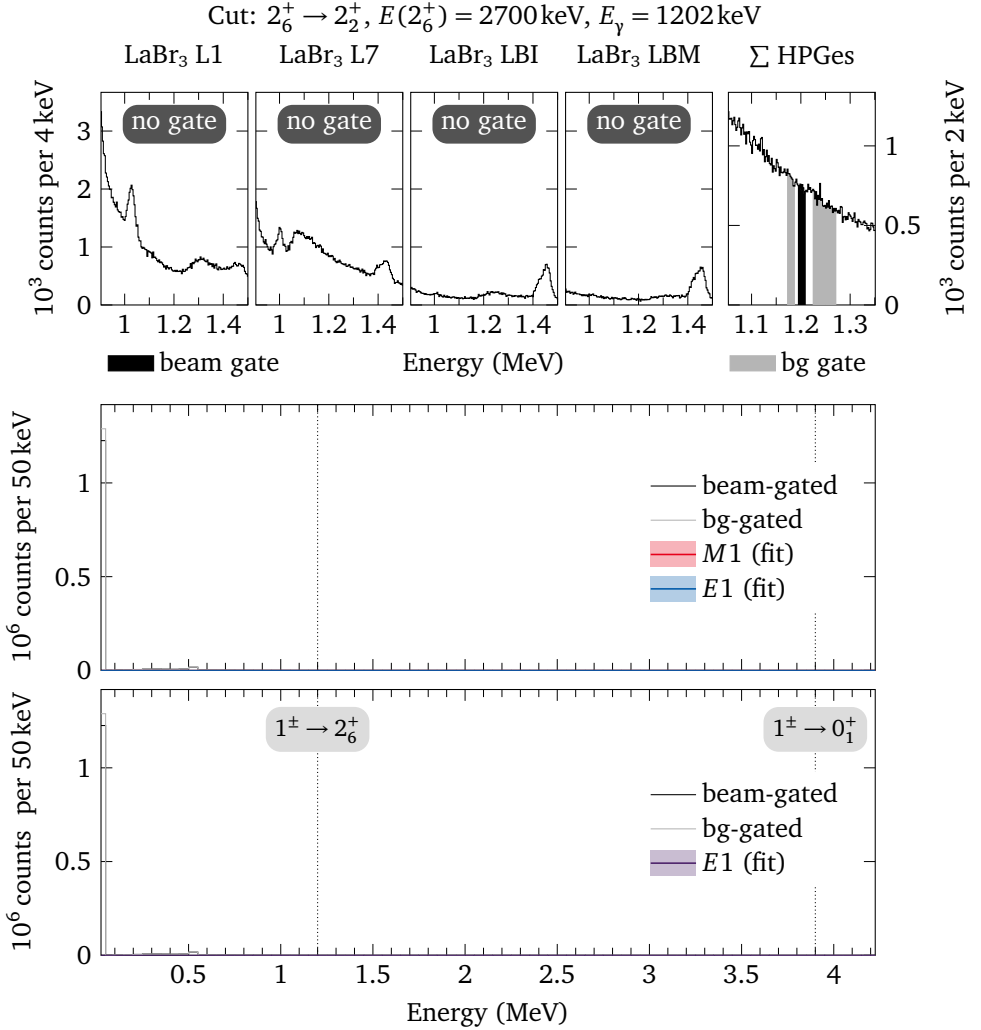


Figure 1.11: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

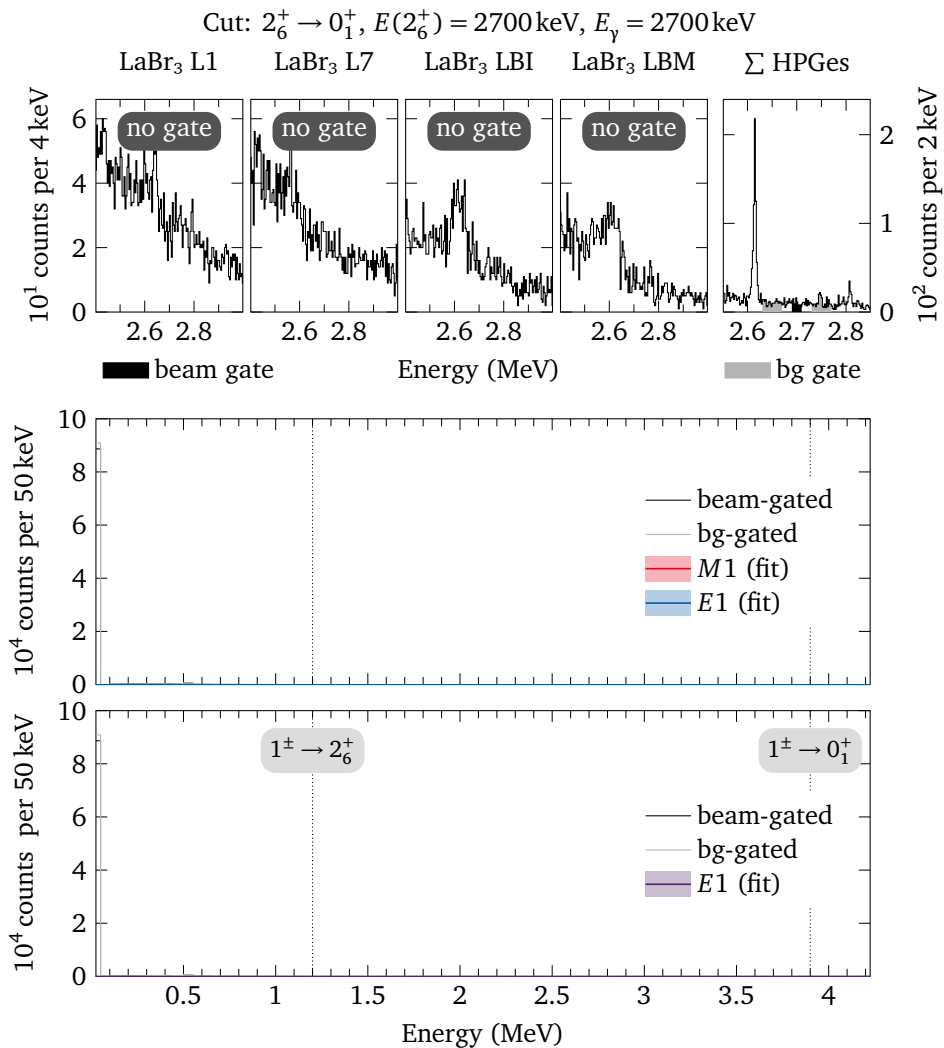


Figure 1.12: $E_{\text{beam}} = 3900$ keV, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

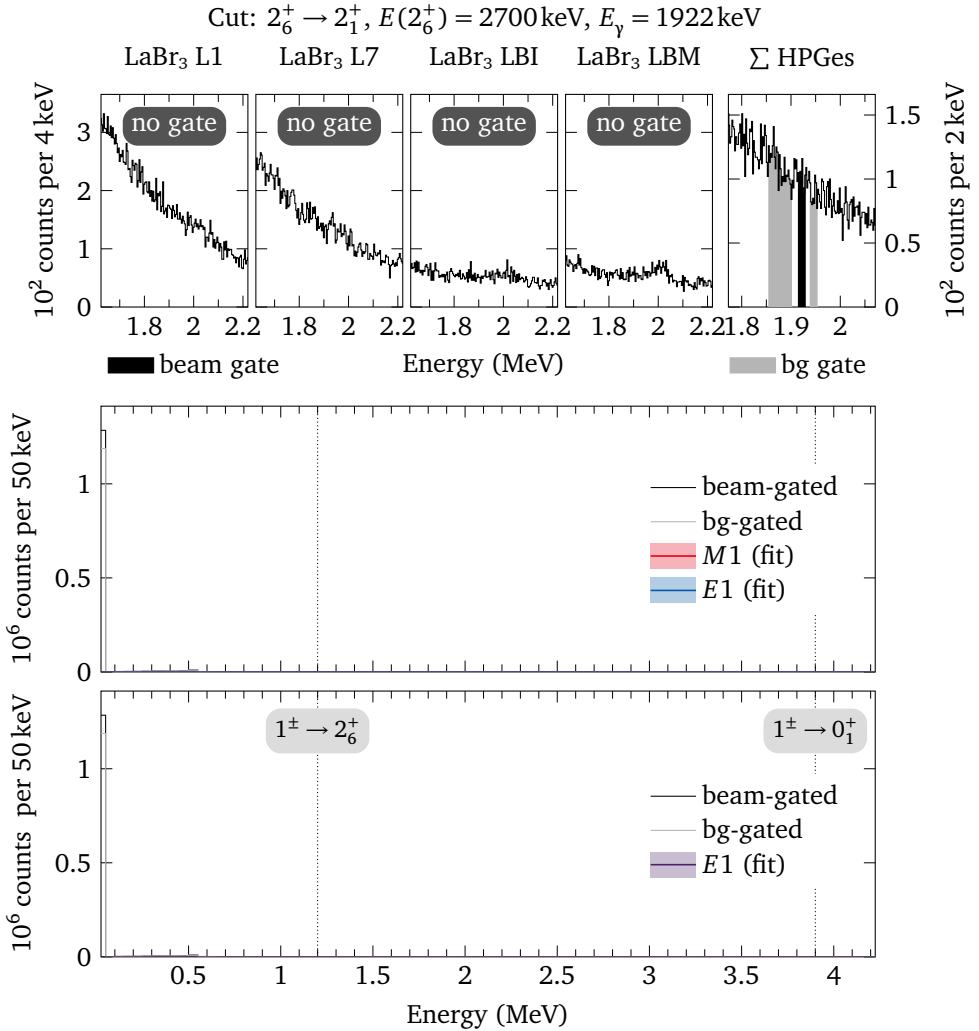


Figure 1.13: $E_{\text{beam}} = 3900\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

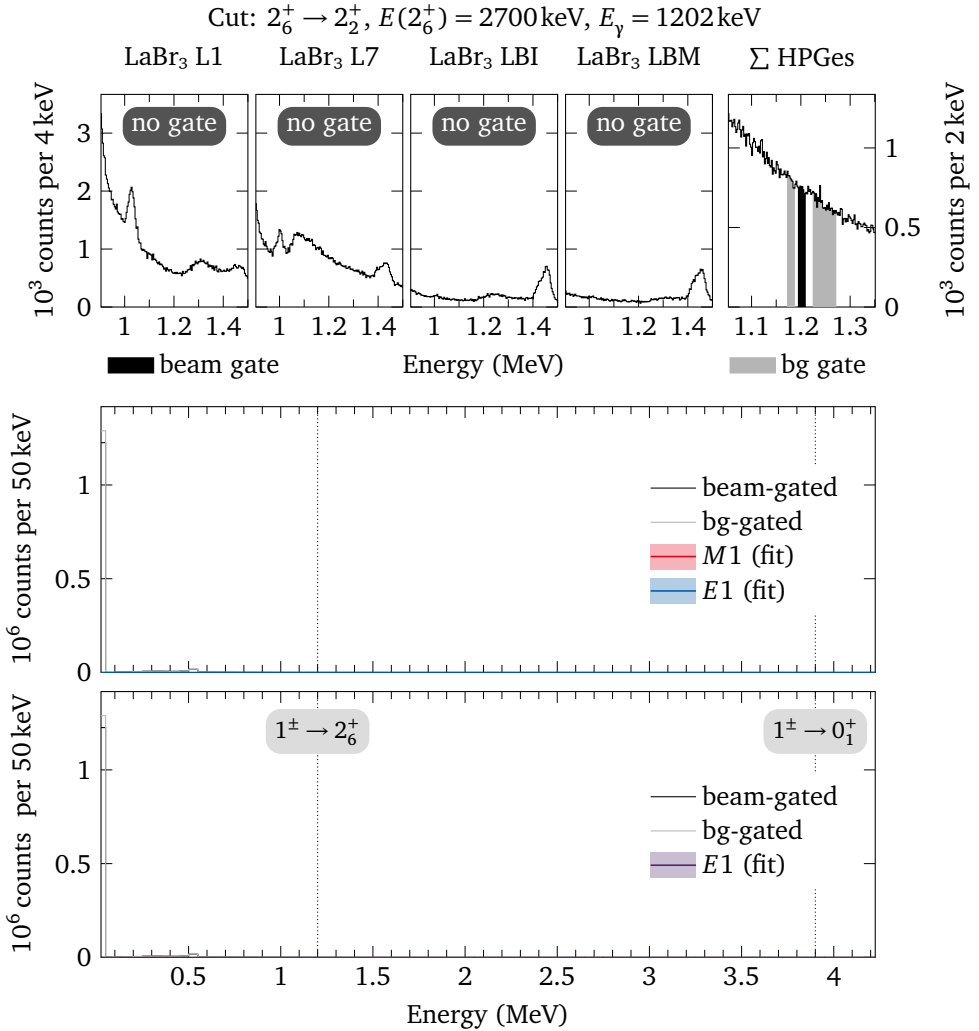


Figure 1.14: $E_{\text{beam}} = 3900\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

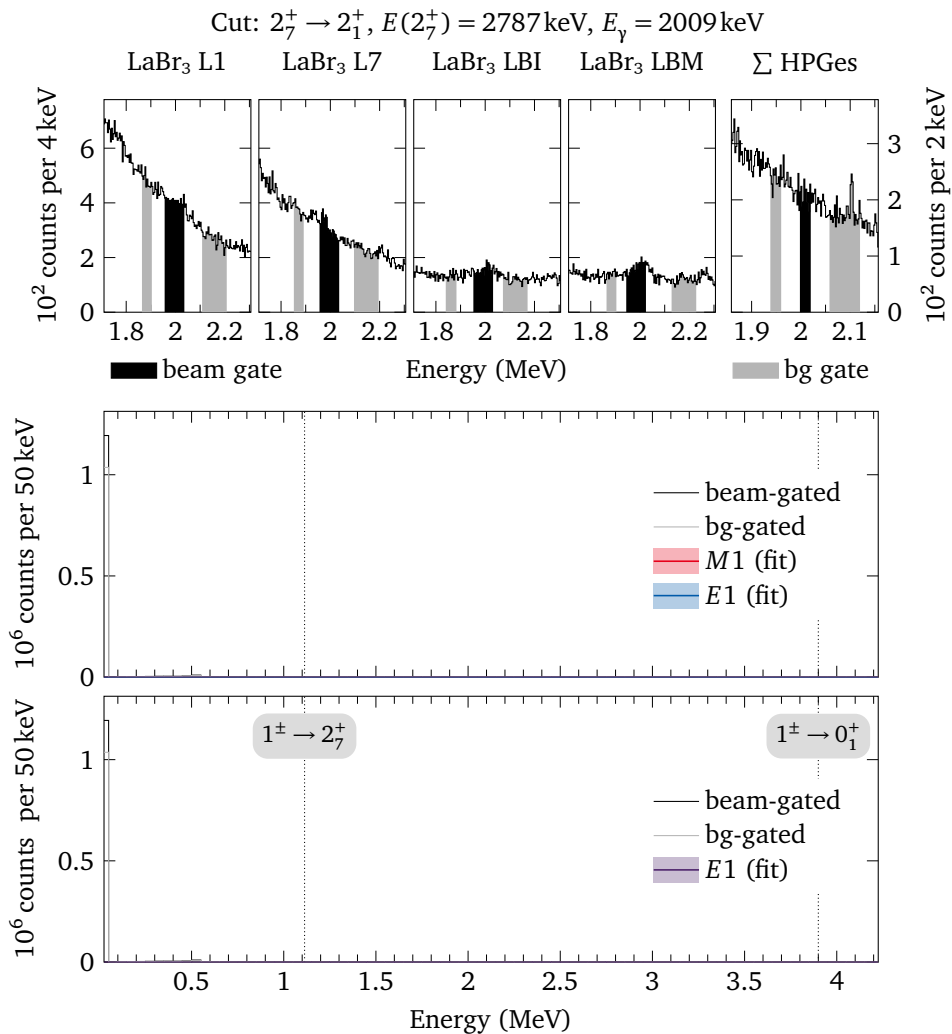


Figure 1.15: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

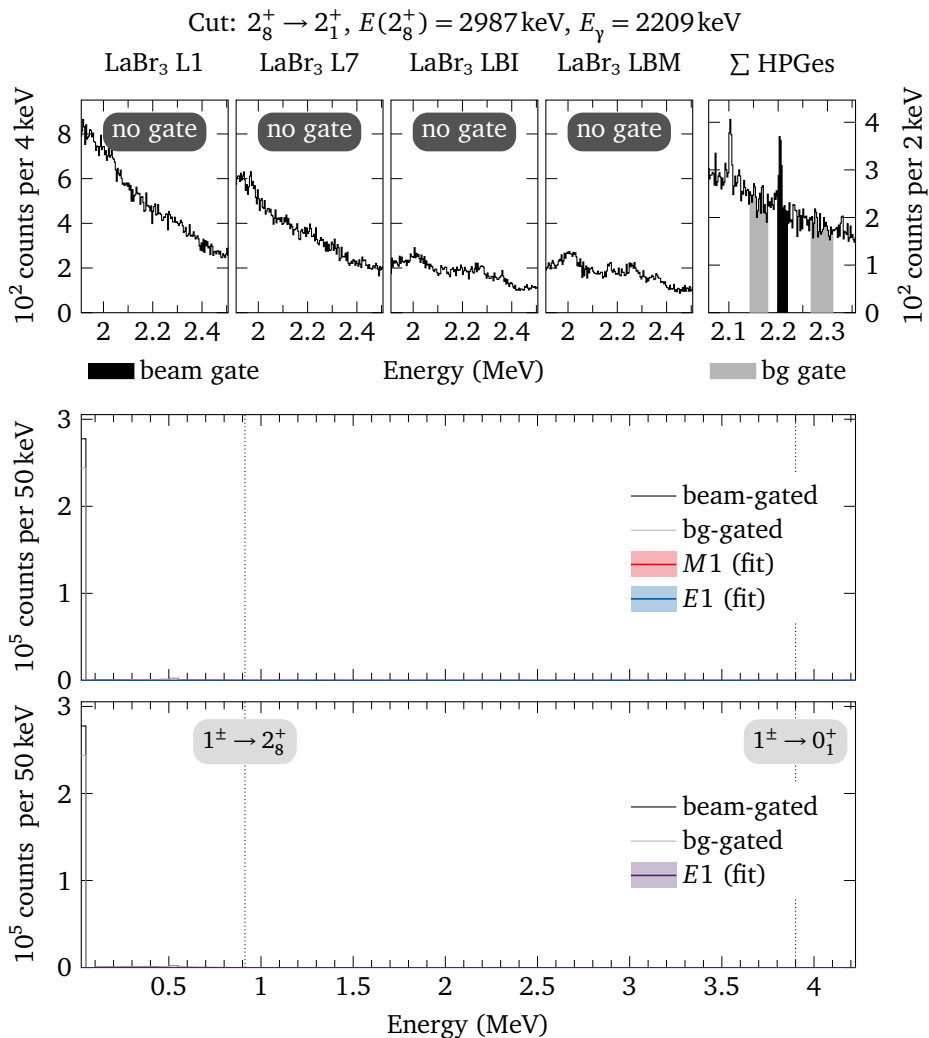


Figure 1.16: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

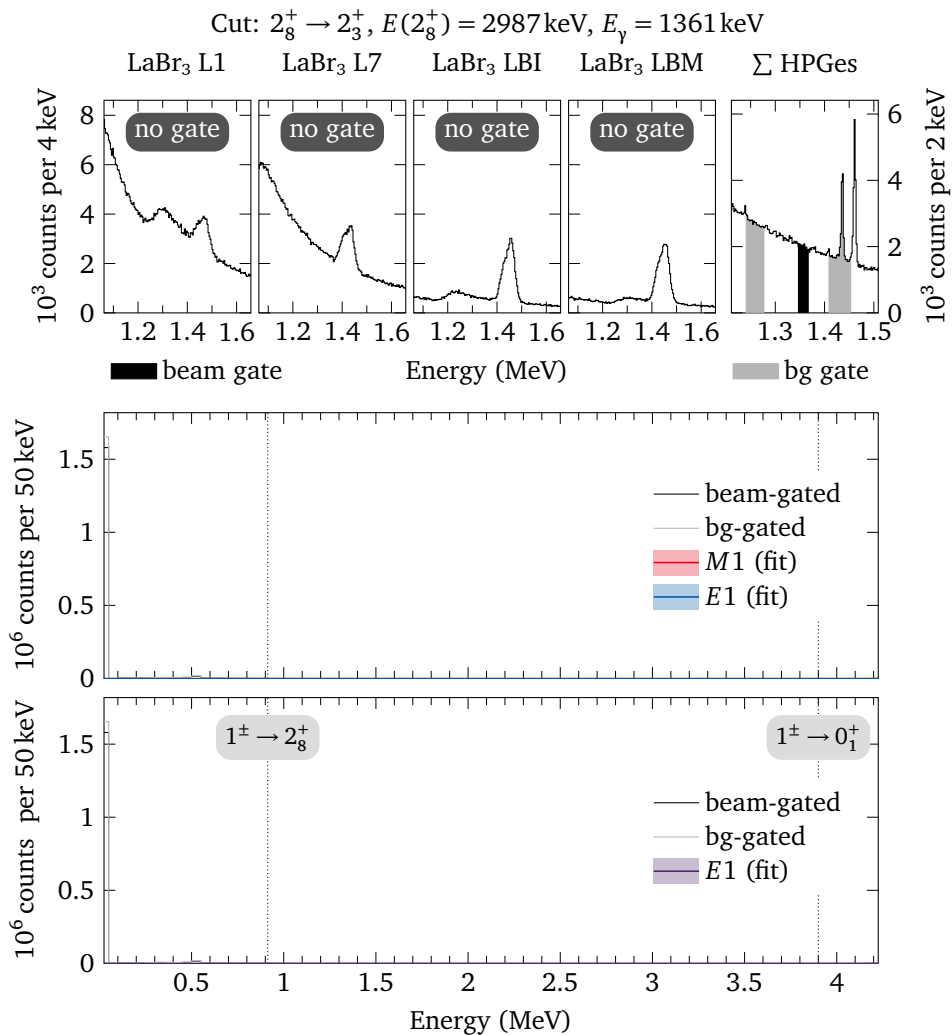


Figure 1.17: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

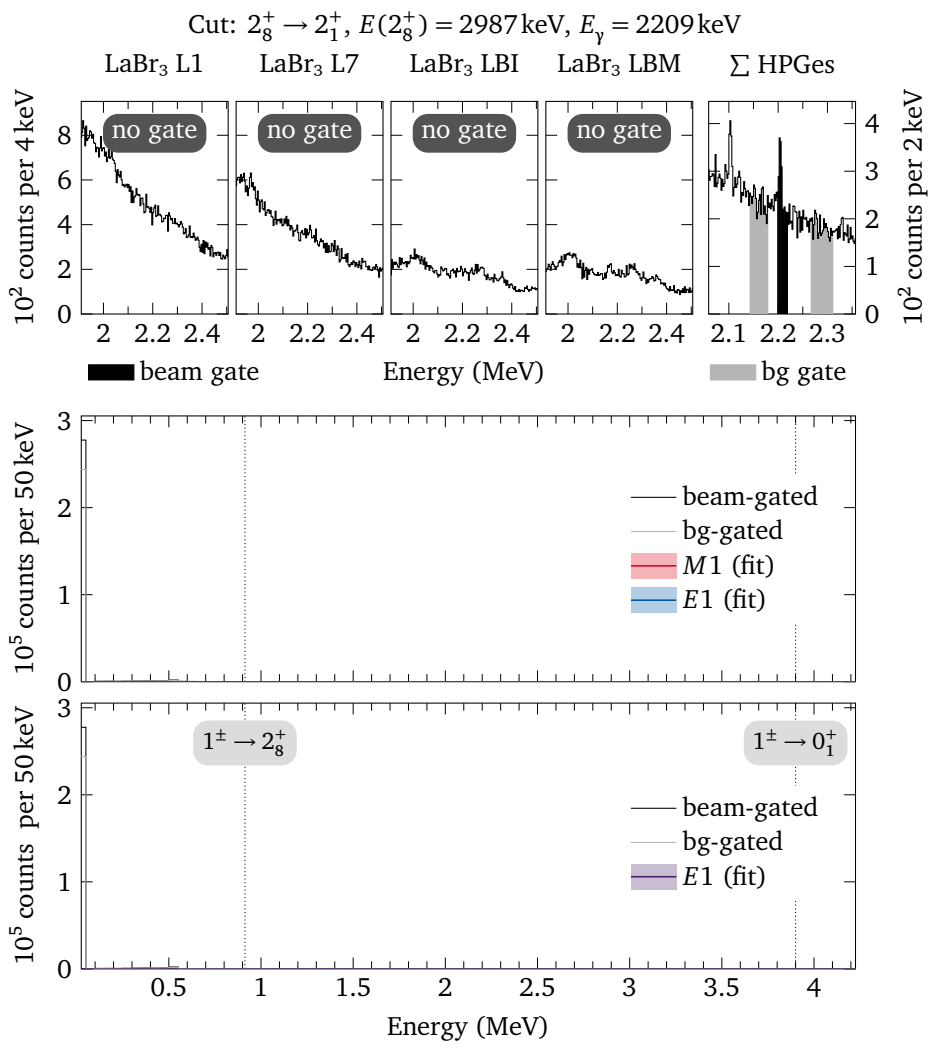


Figure 1.18: $E_{\text{beam}} = 3900 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

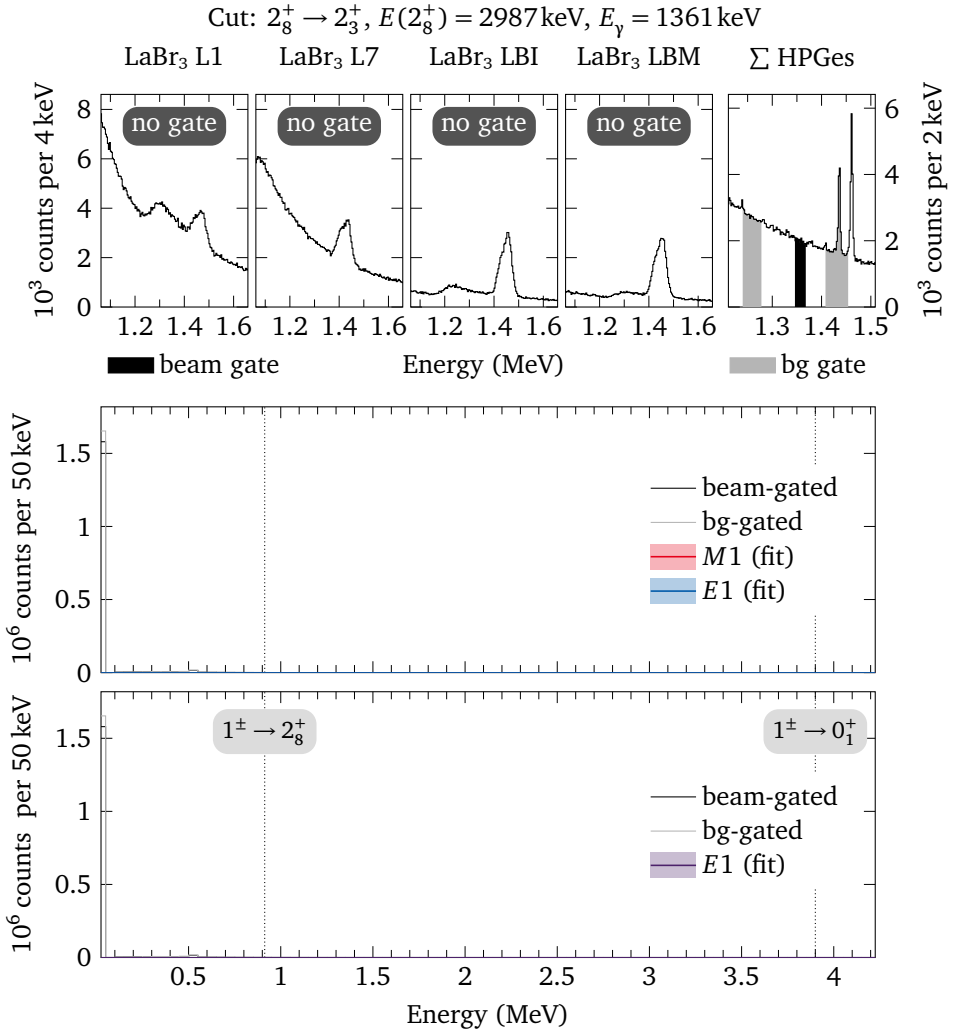


Figure 1.19: $E_{\text{beam}} = 3900\text{keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

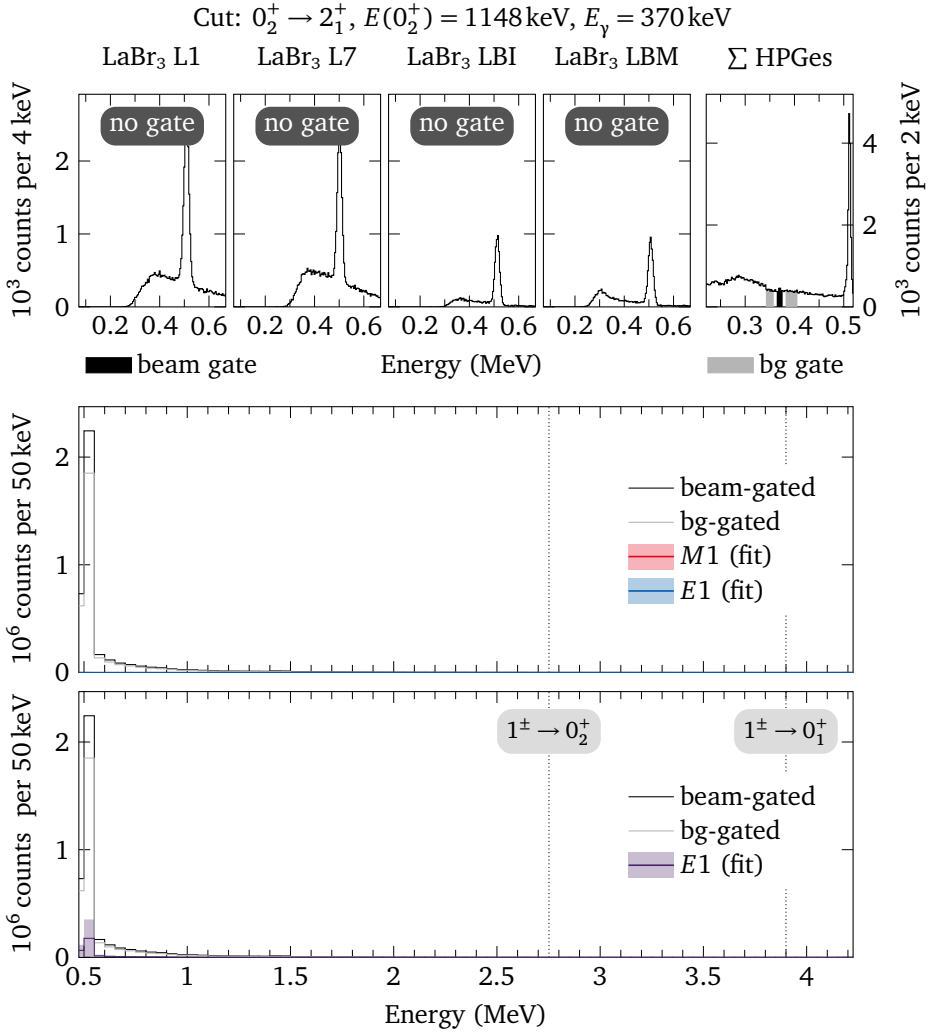


Figure 1.20: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

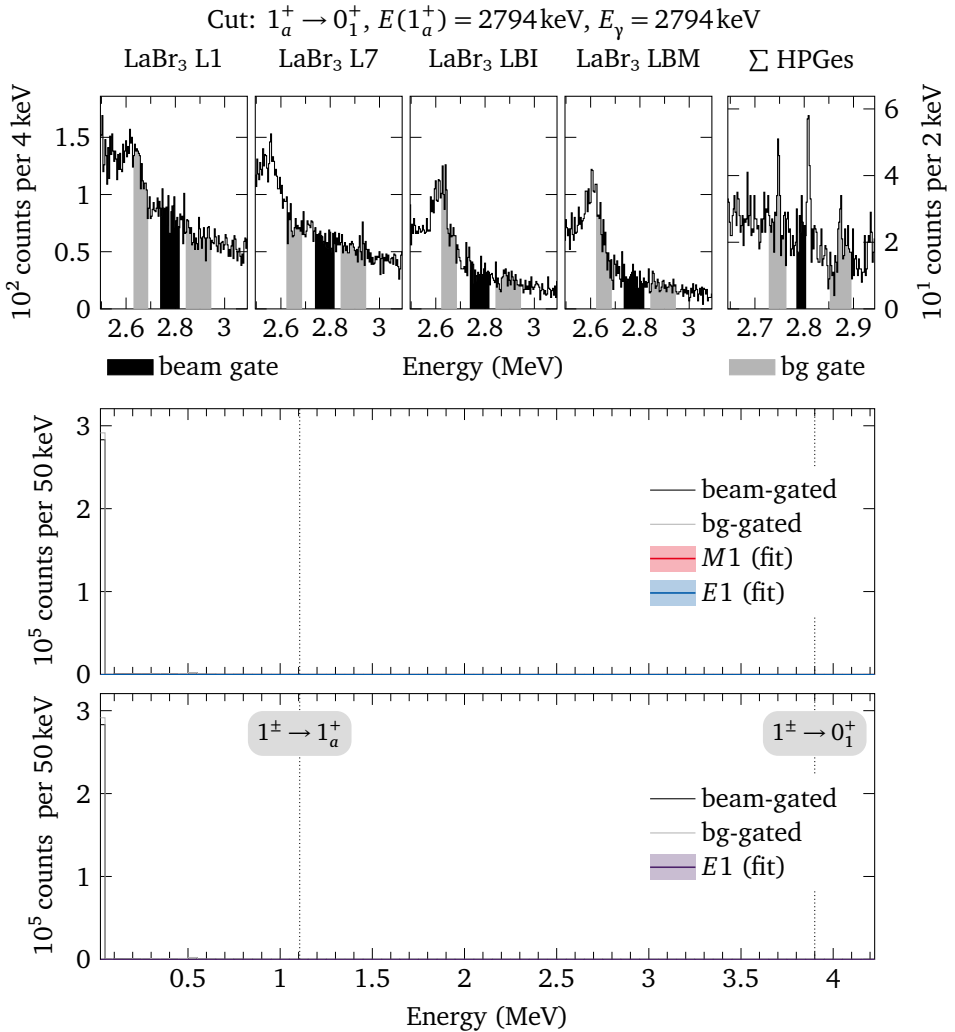


Figure 1.21: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

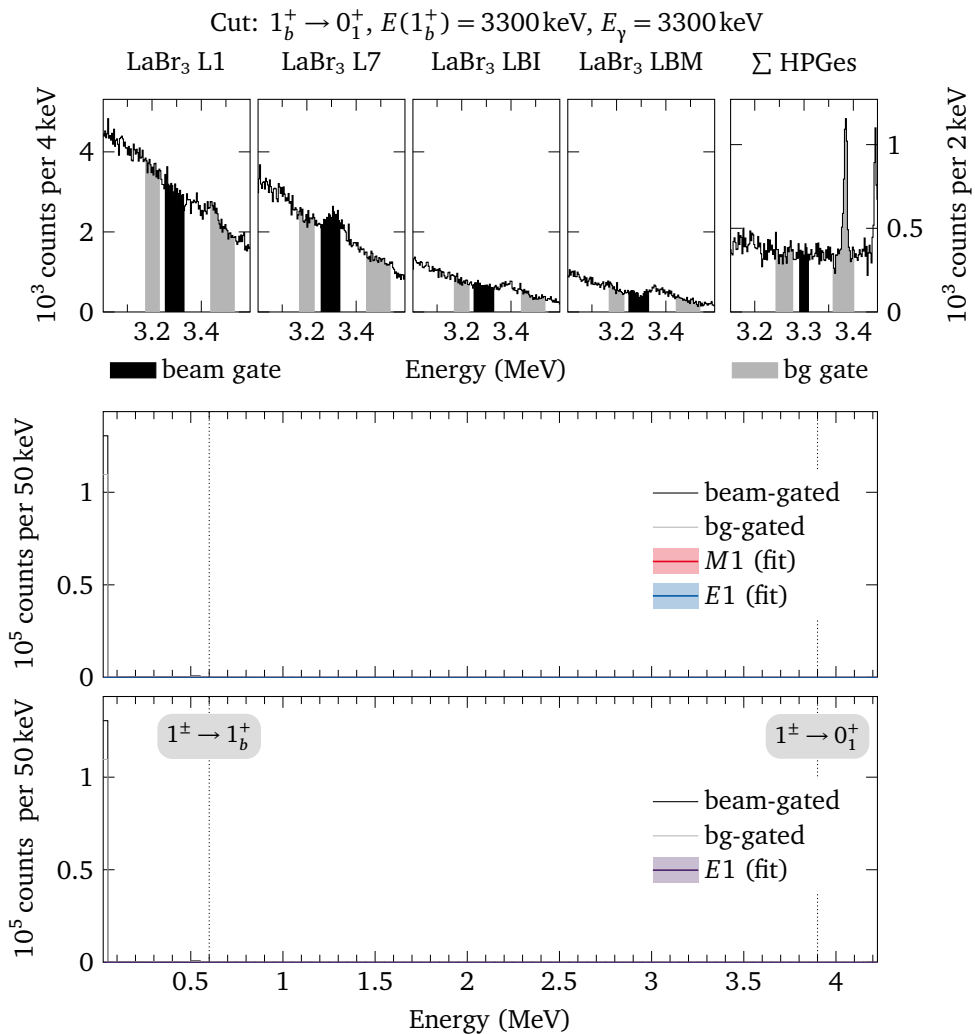


Figure 1.22: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

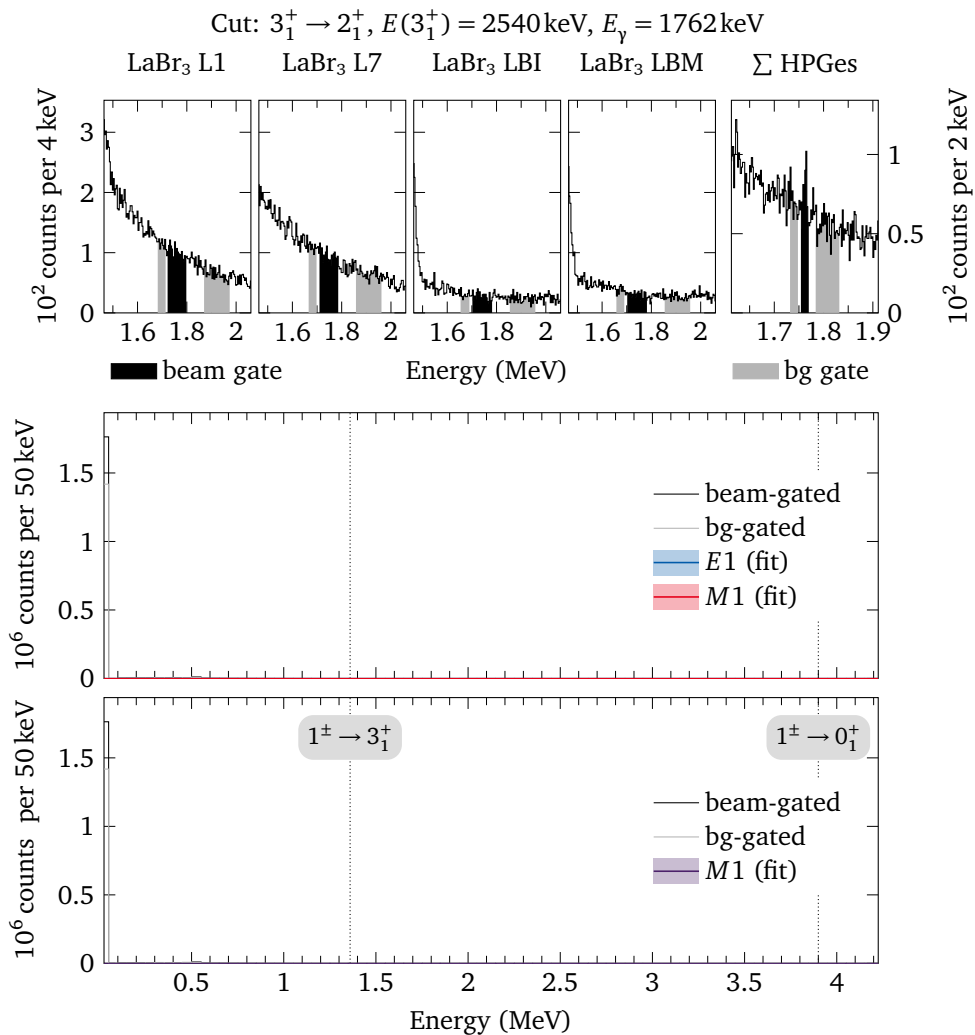


Figure 1.23: $E_{\text{beam}} = 3900 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

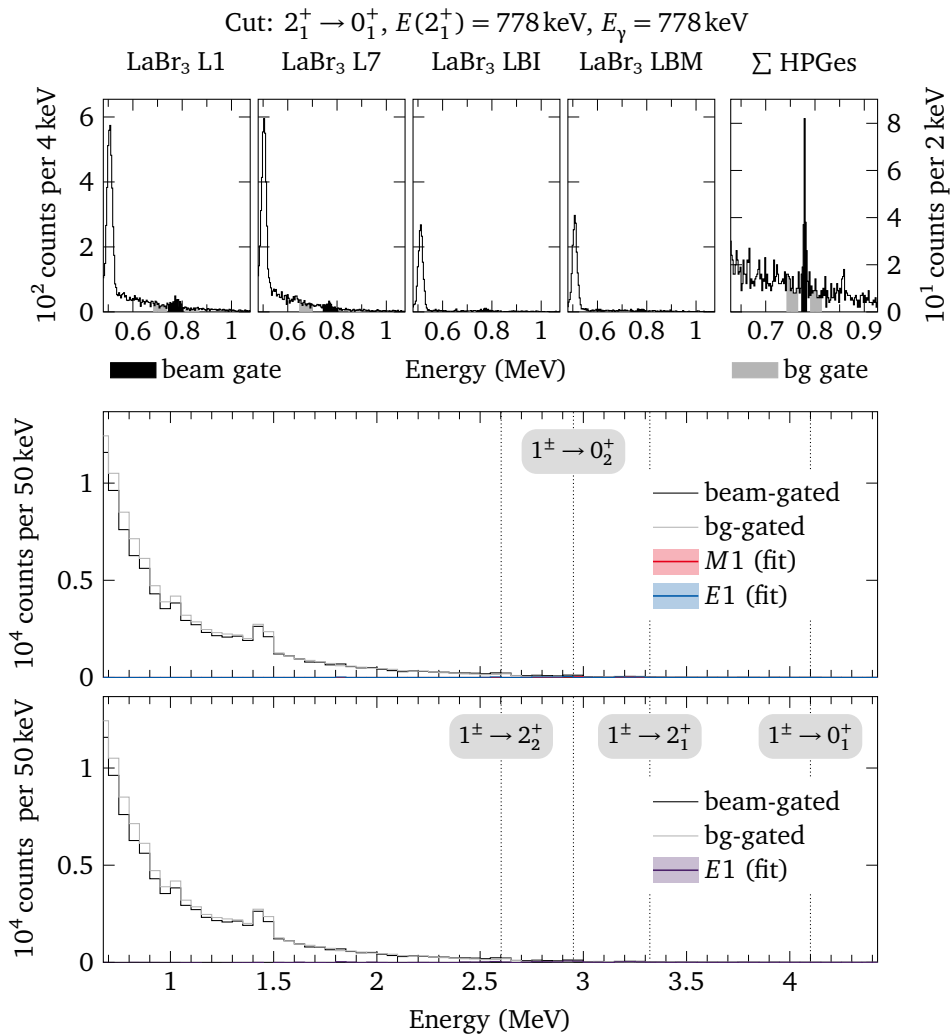


Figure 1.24: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

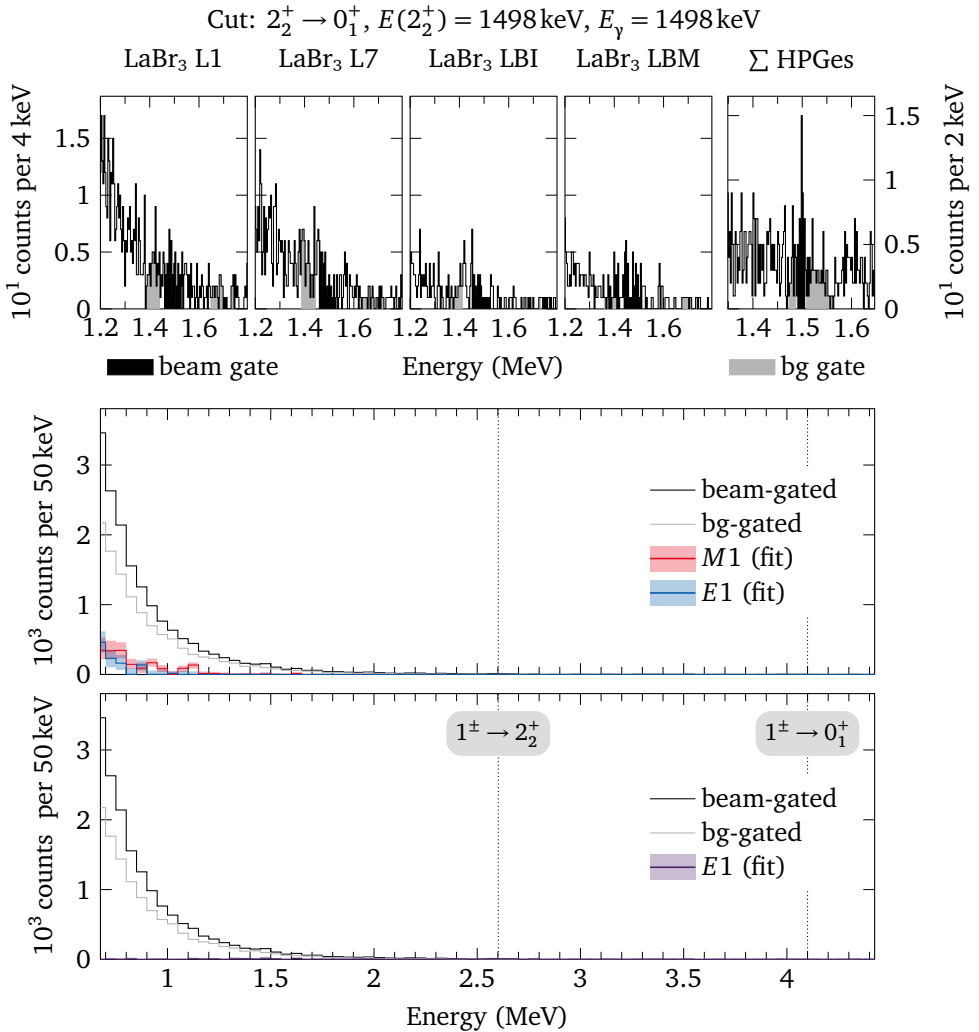


Figure 1.25: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

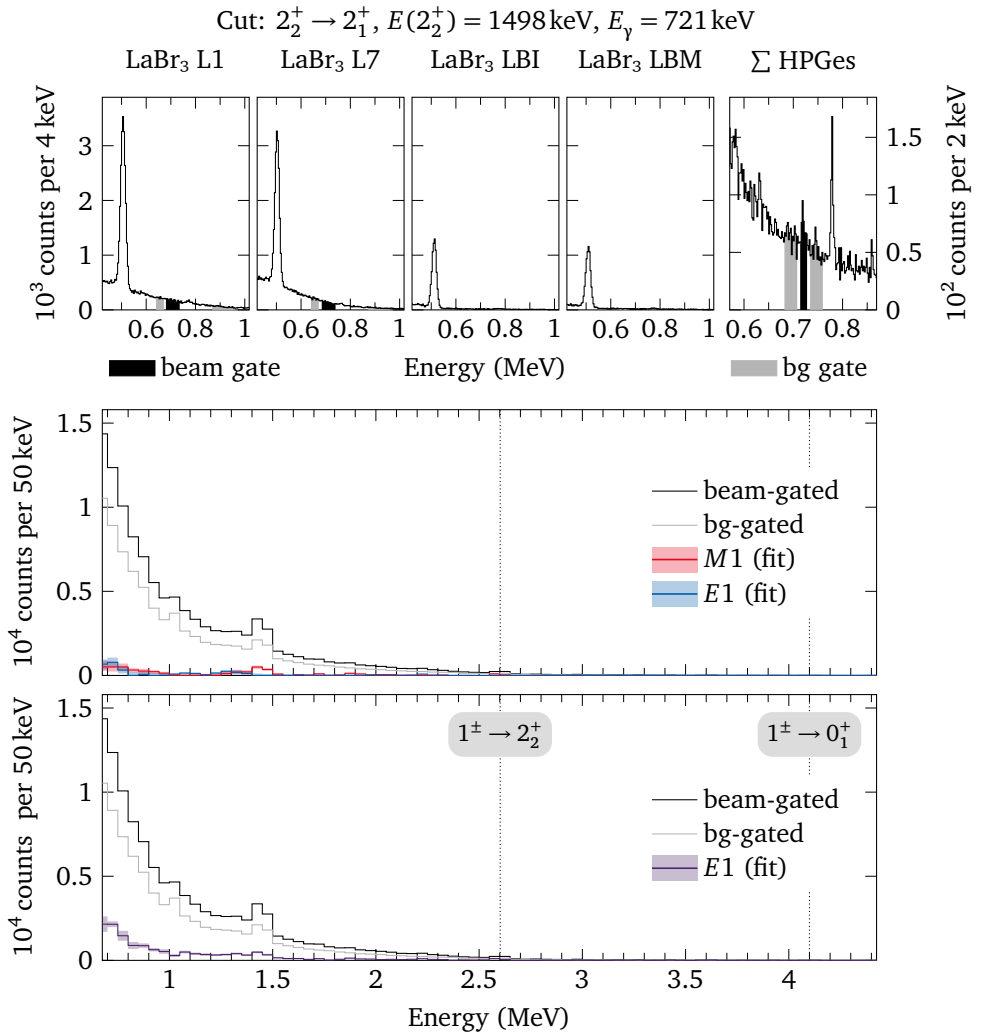


Figure 1.26: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

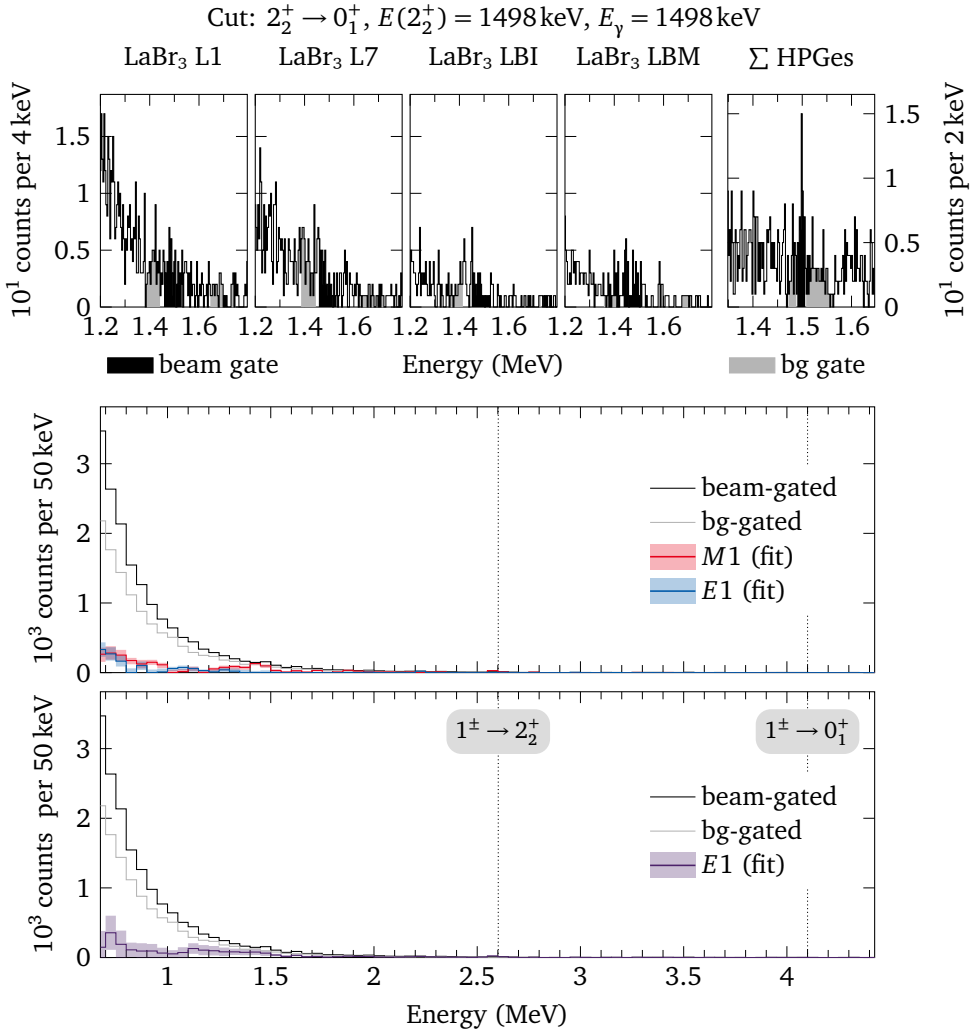


Figure 1.27: $E_{\text{beam}} = 4100 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

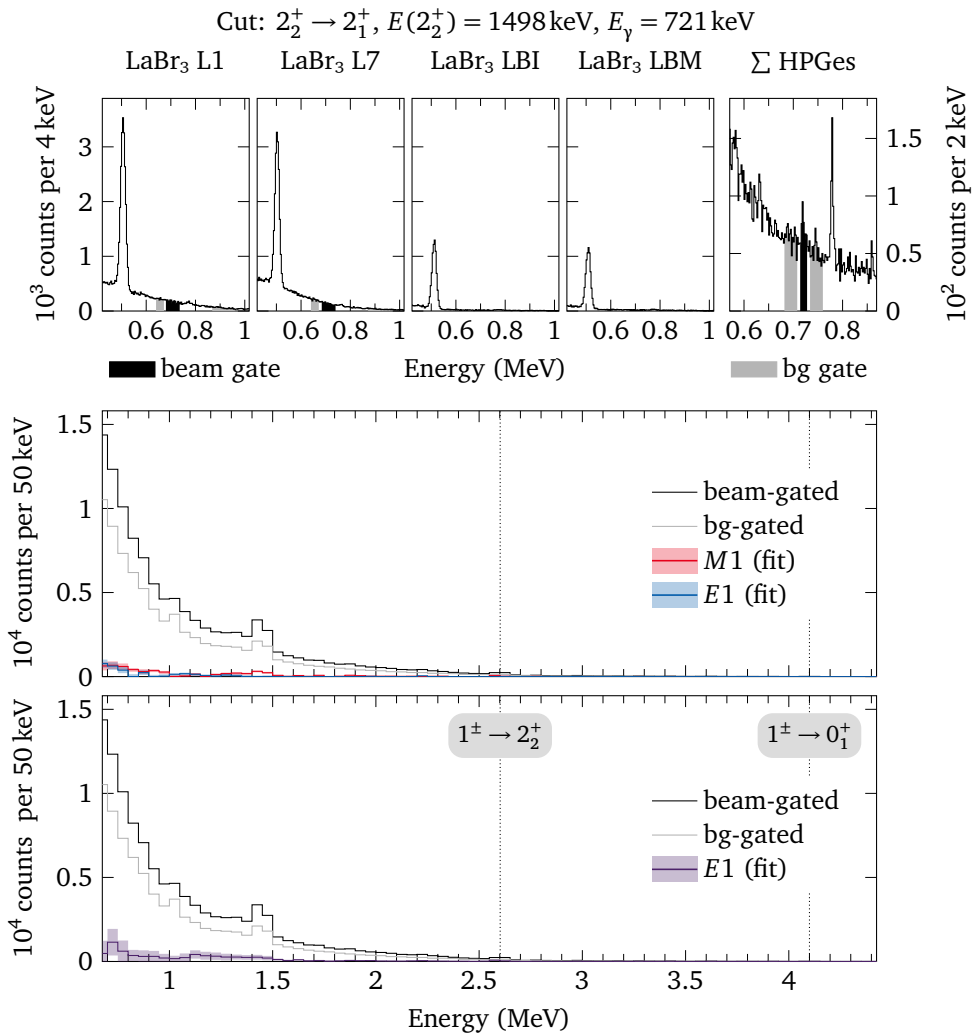


Figure 1.28: $E_{\text{beam}} = 4100 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

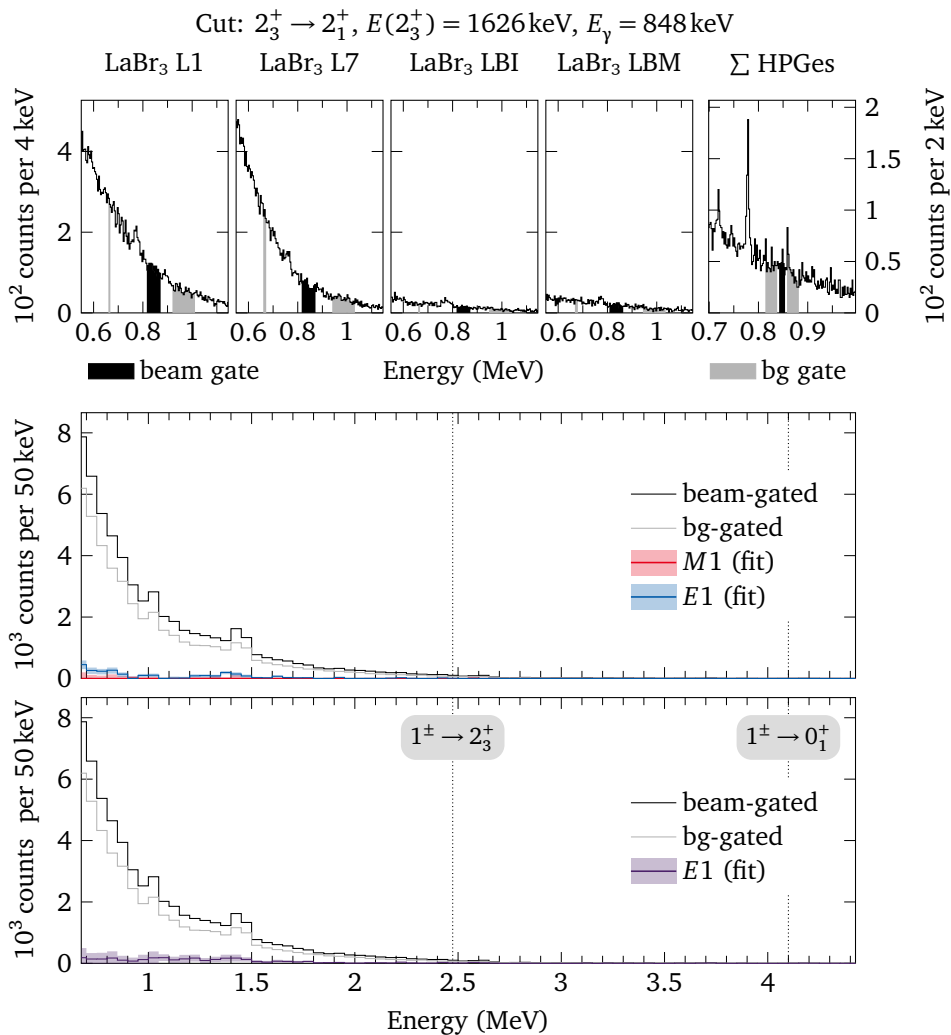


Figure 1.29: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

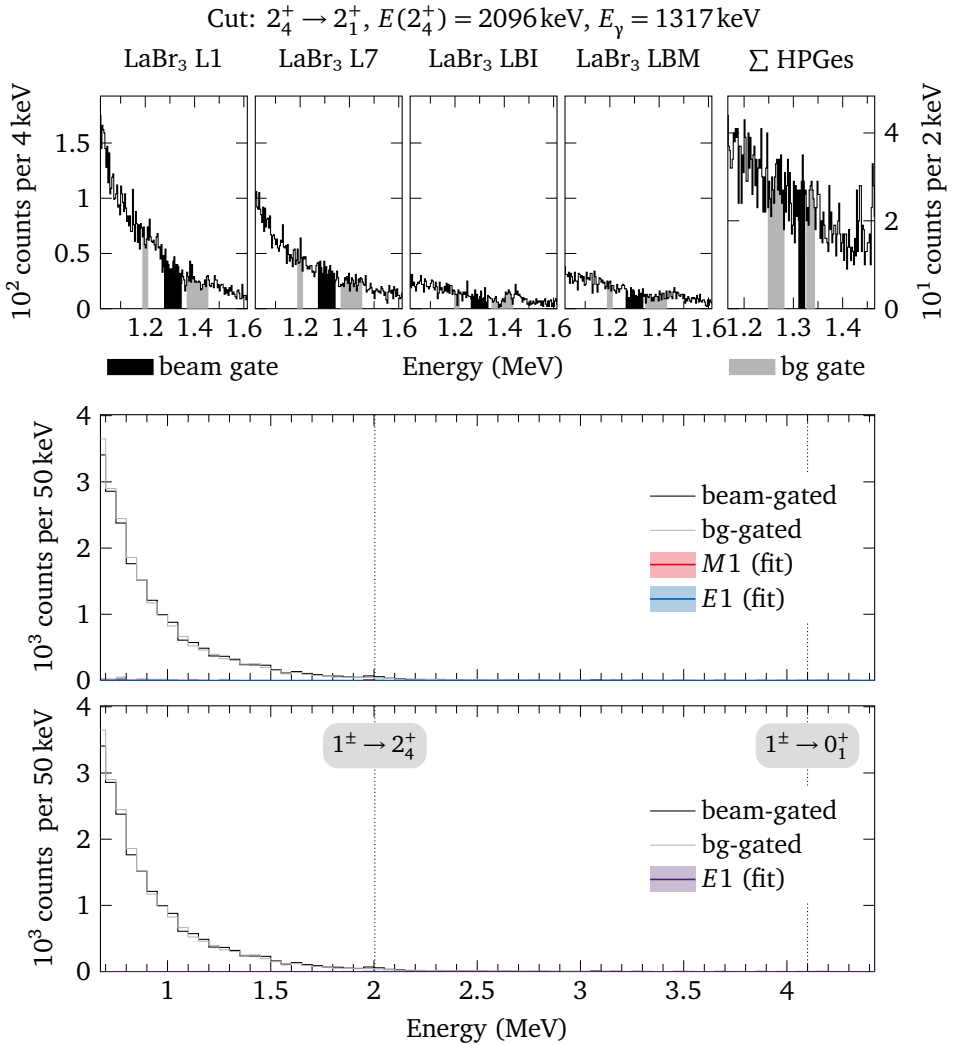


Figure 1.30: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

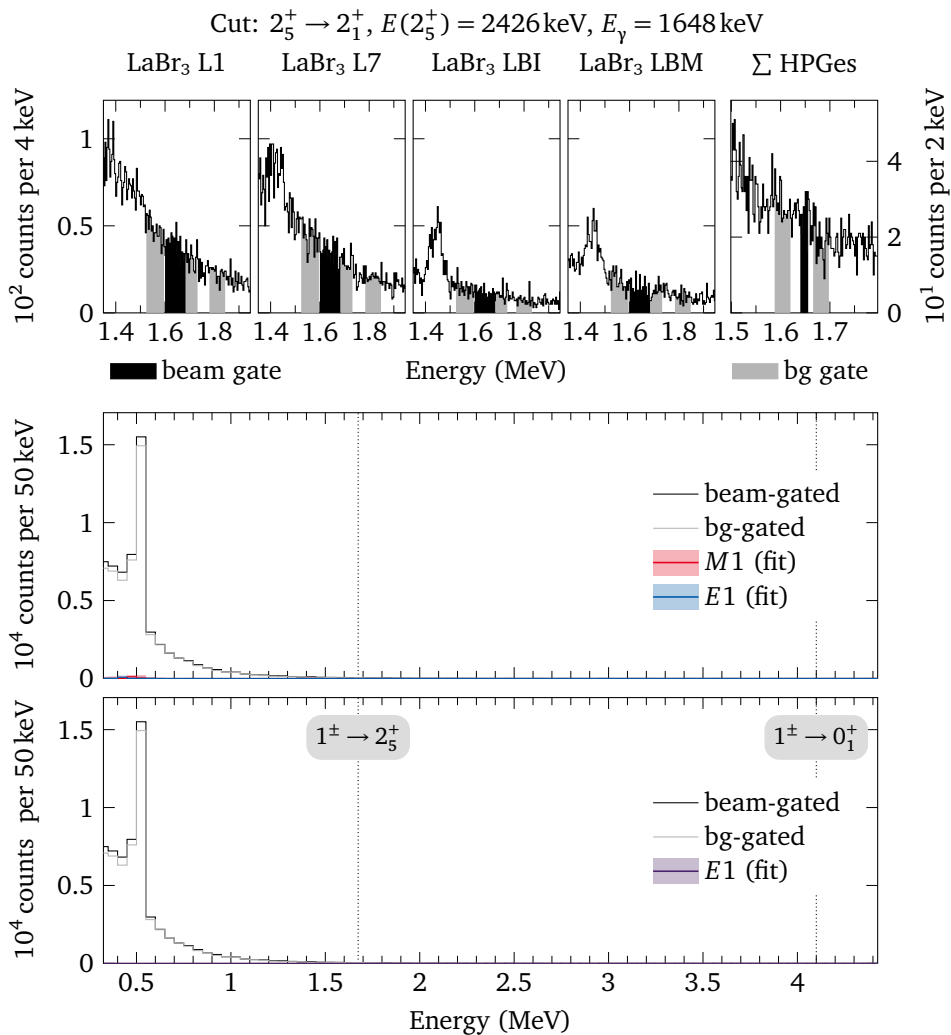


Figure 1.31: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

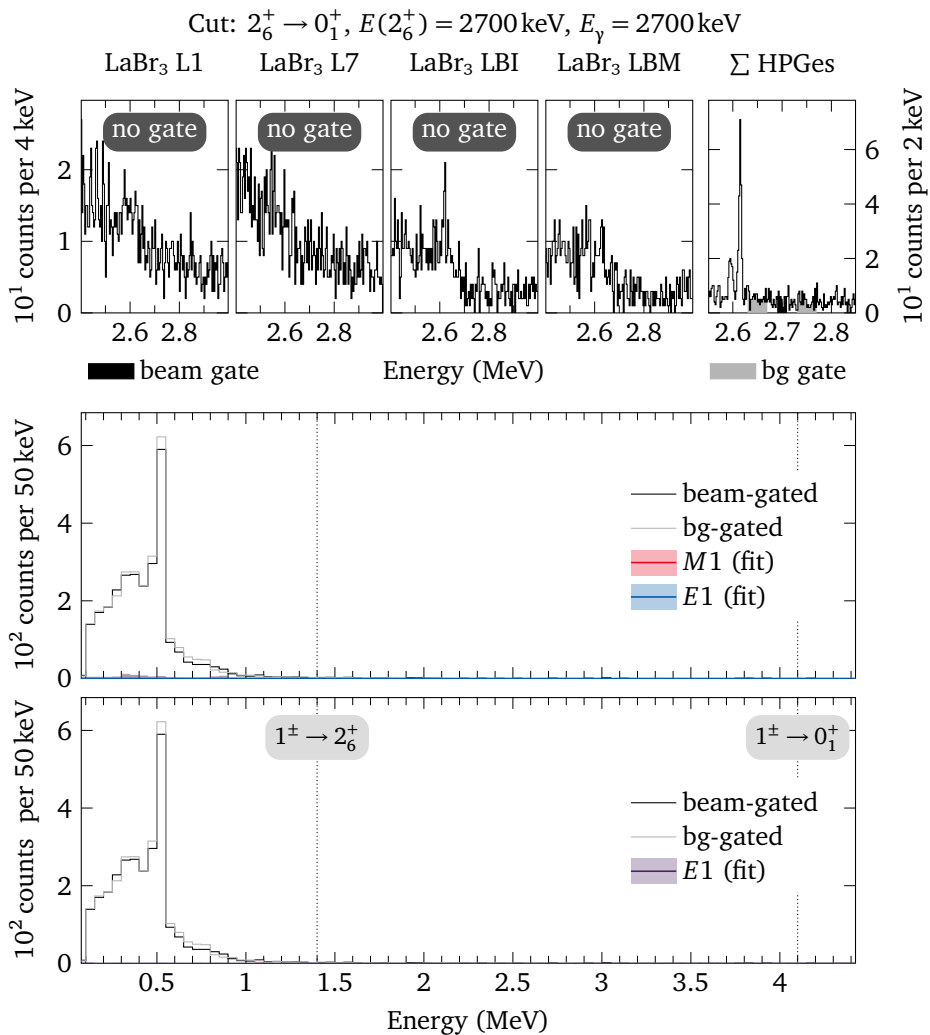


Figure 1.32: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

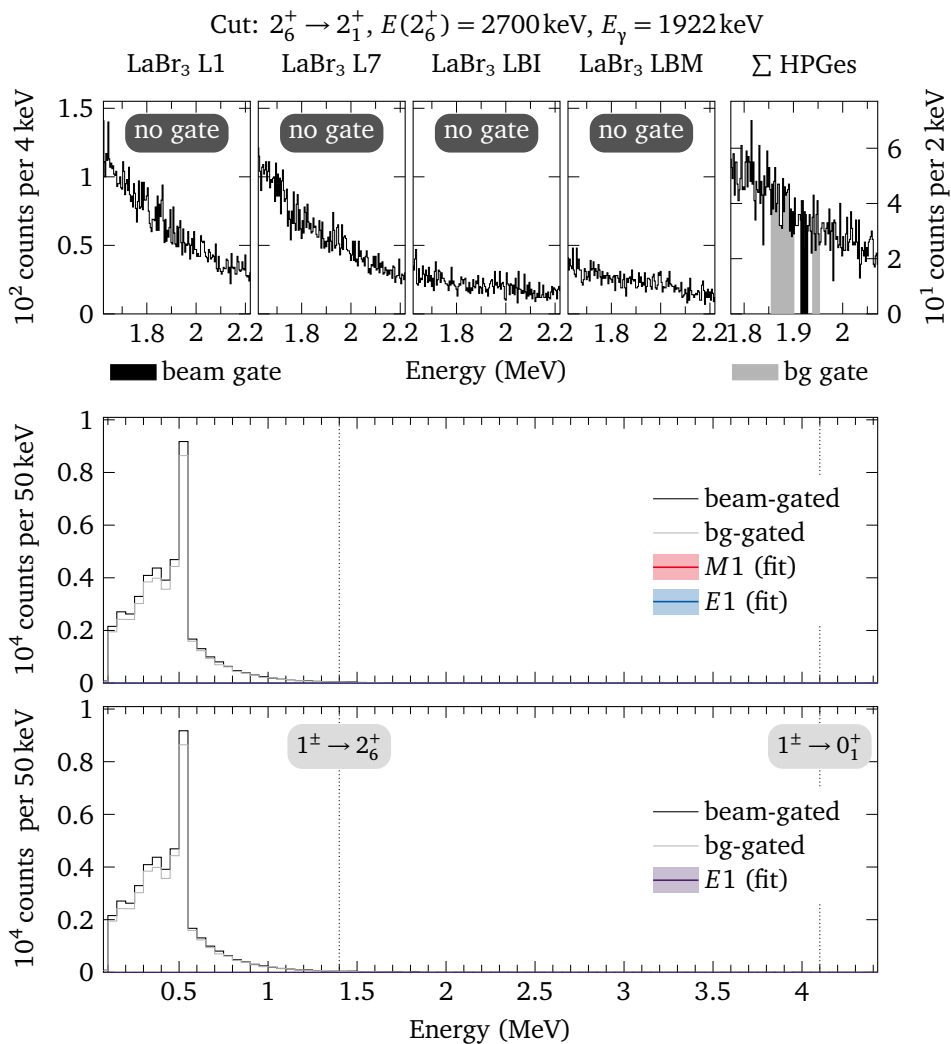


Figure 1.33: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

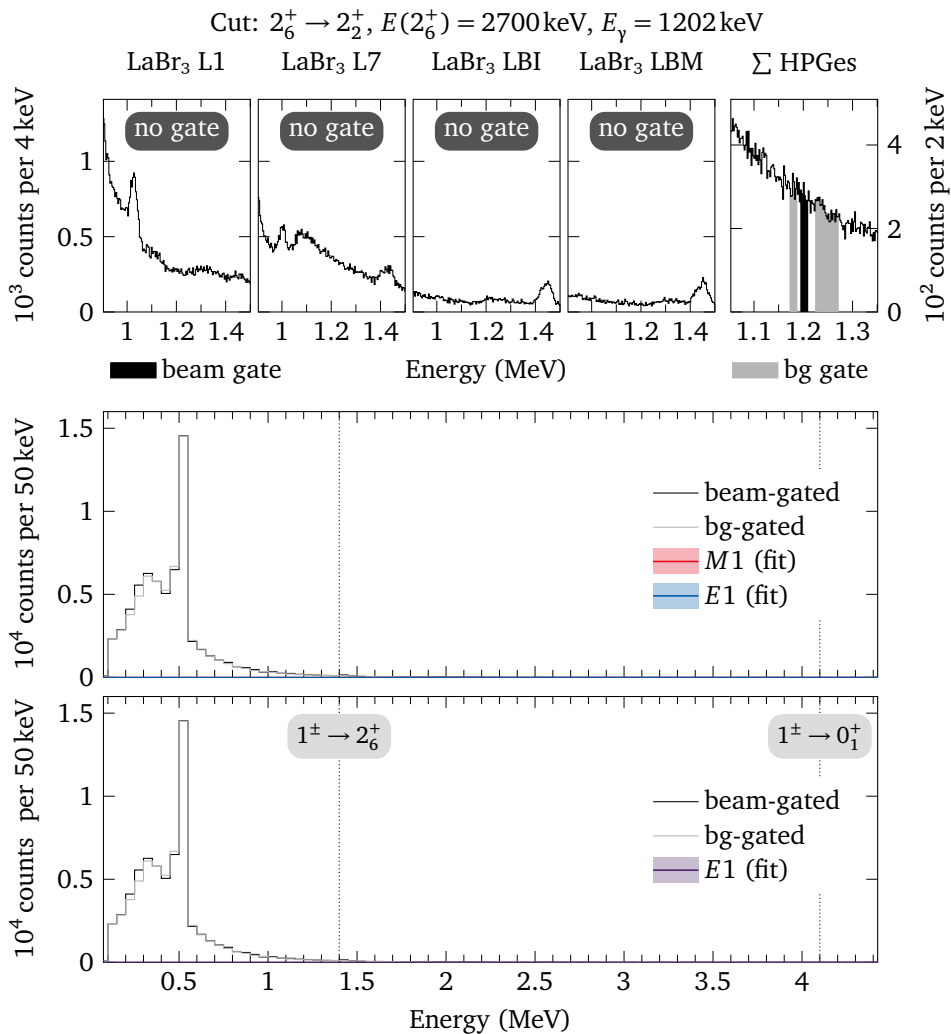


Figure 1.34: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

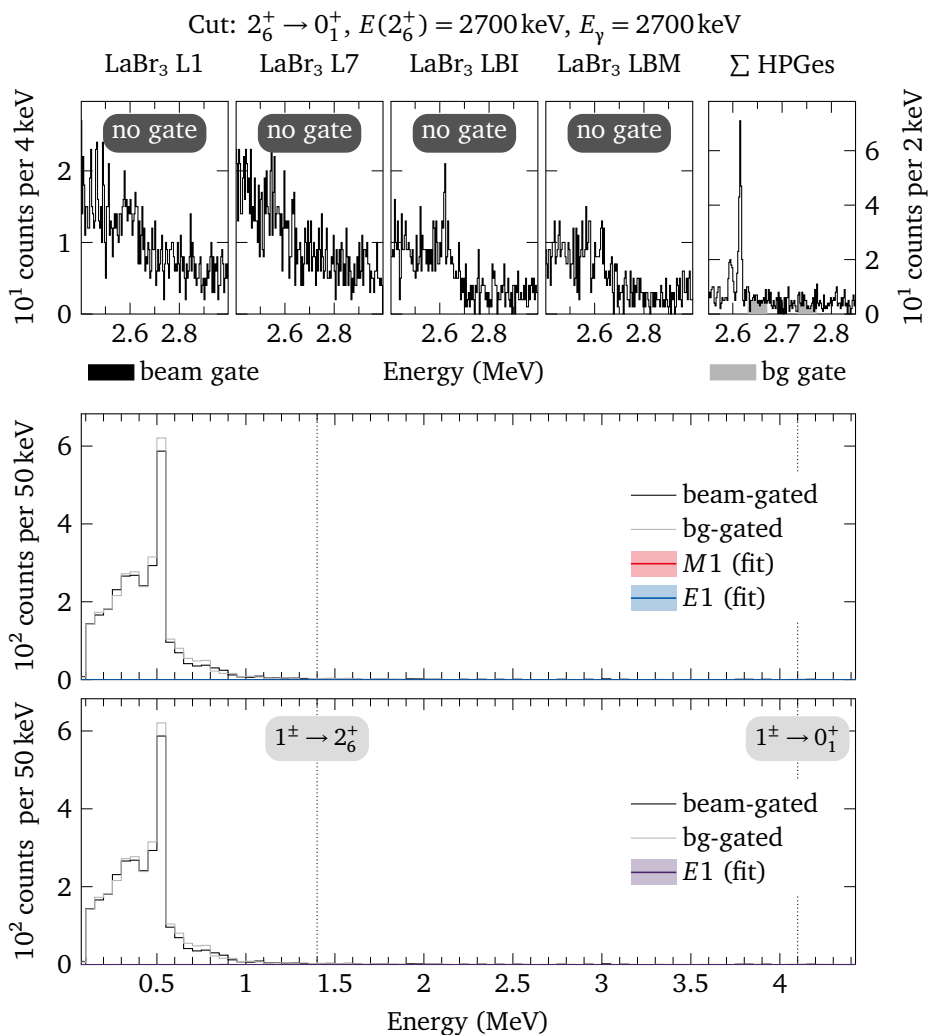


Figure 1.35: $E_{\text{beam}} = 4100 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

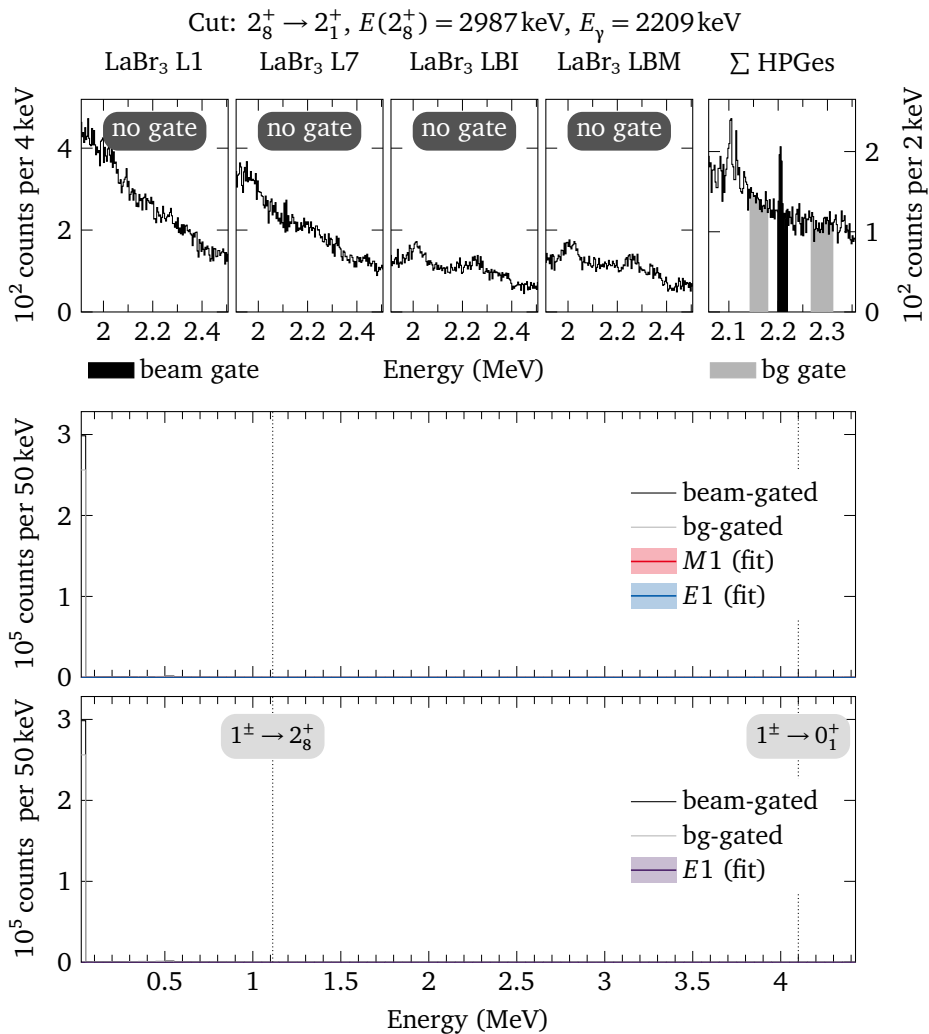


Figure 1.39: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

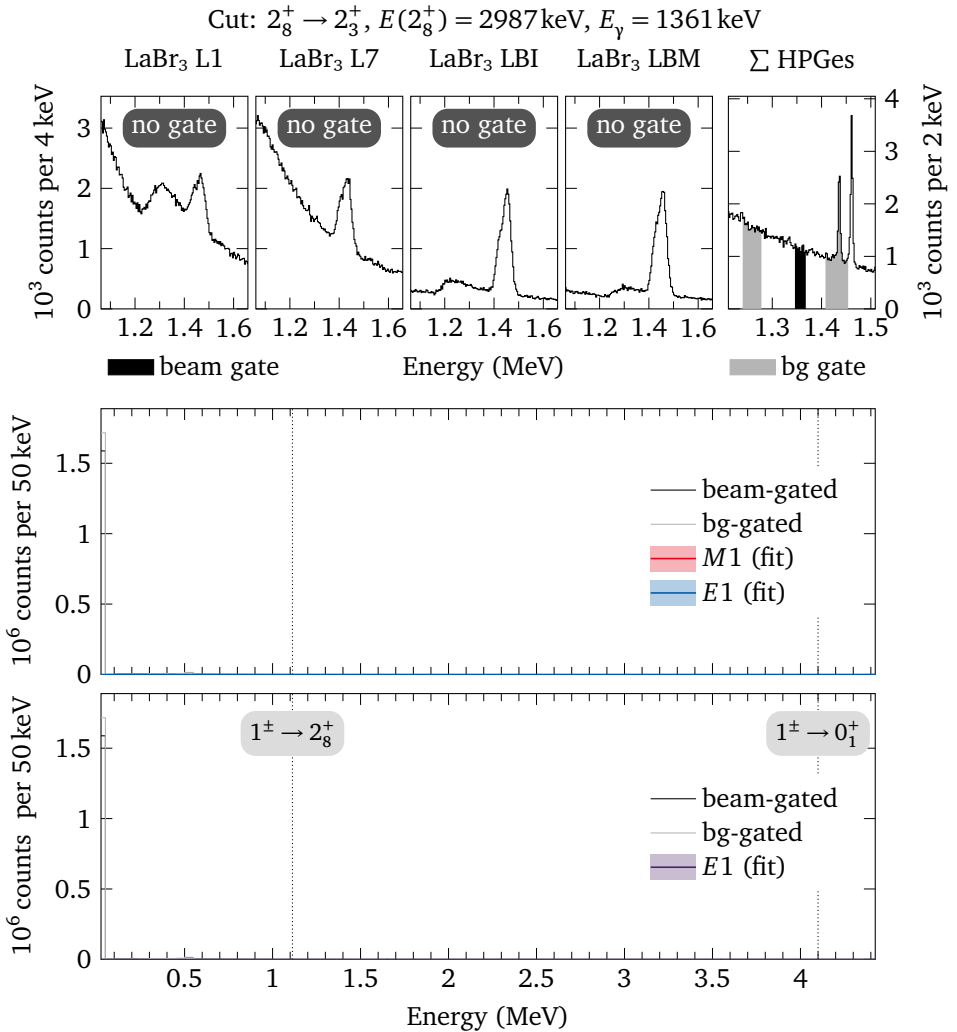


Figure 1.40: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

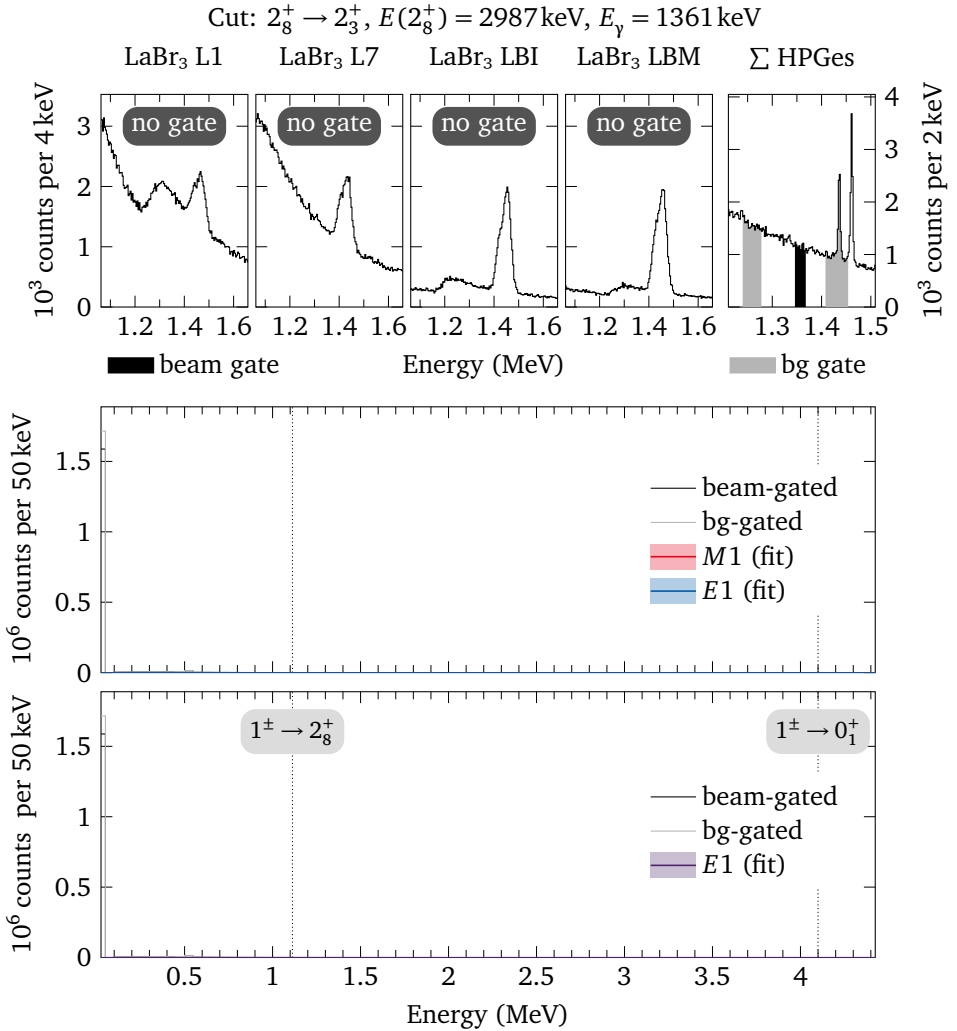


Figure 1.42: $E_{\text{beam}} = 4100\text{keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

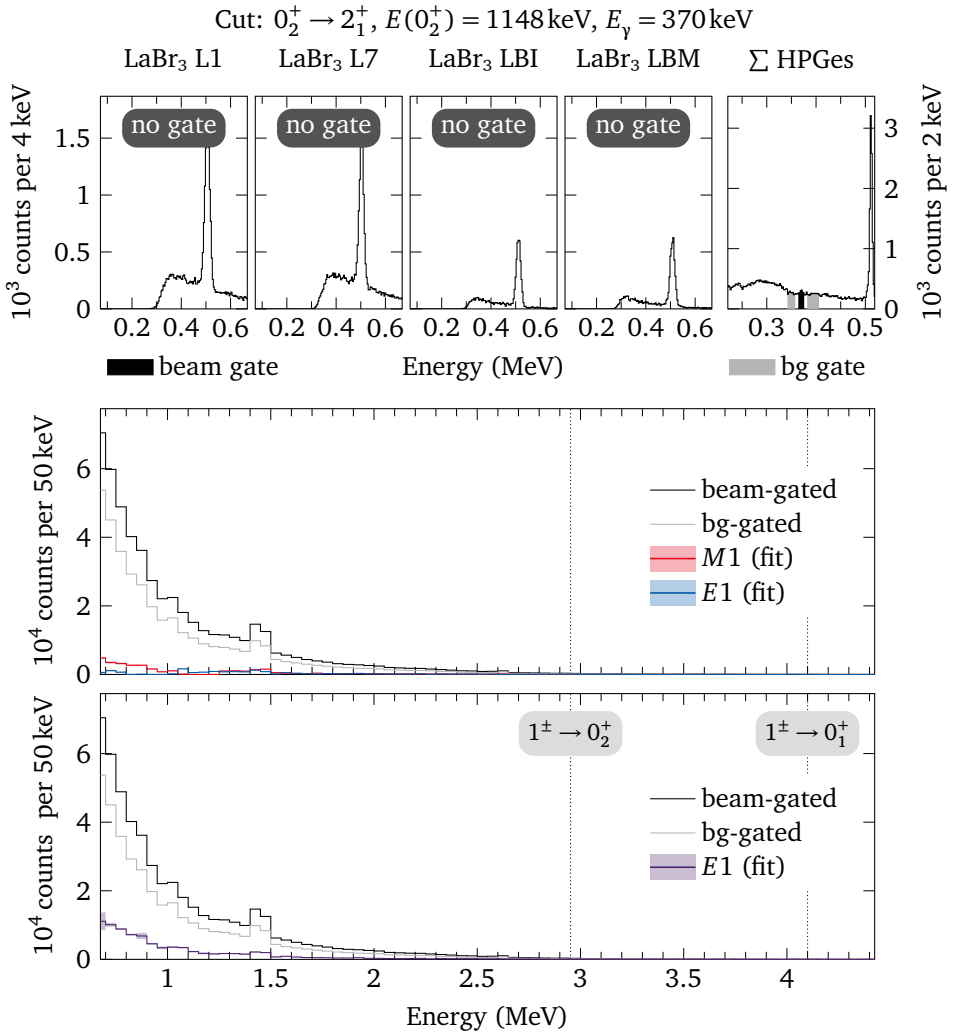


Figure 1.43: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

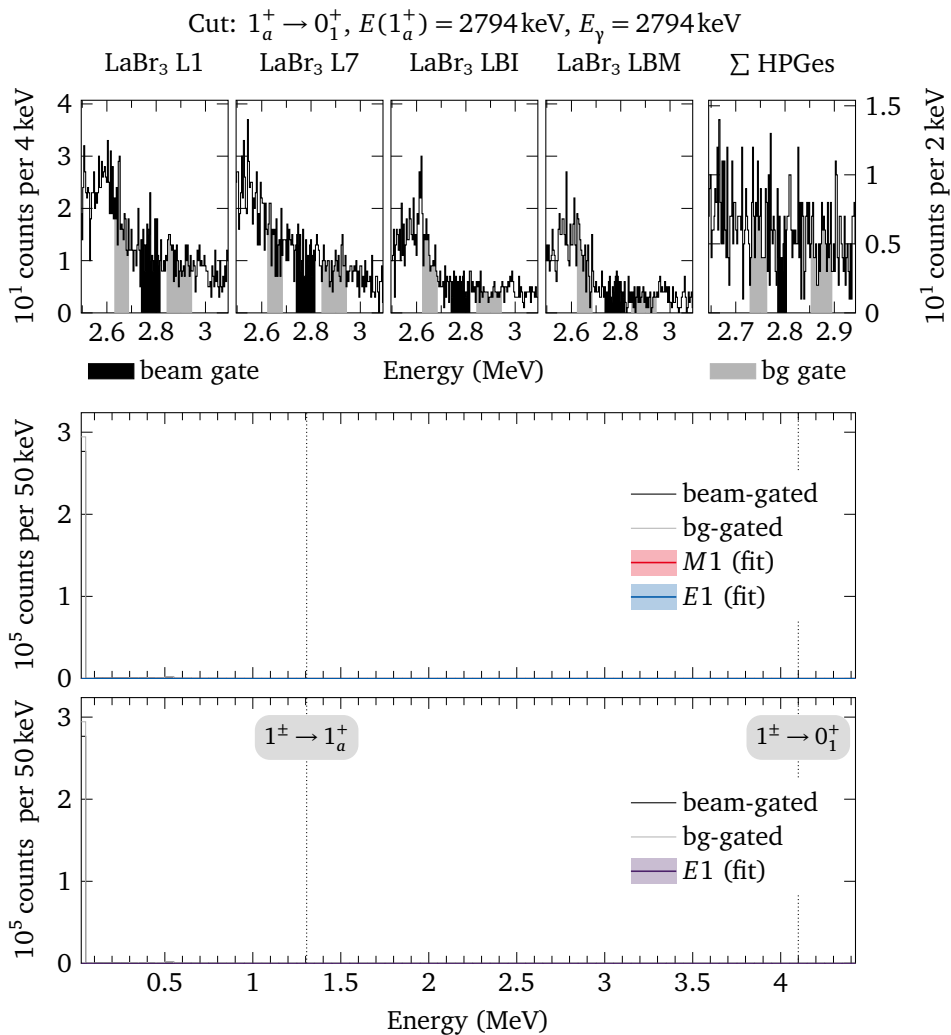


Figure 1.44: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

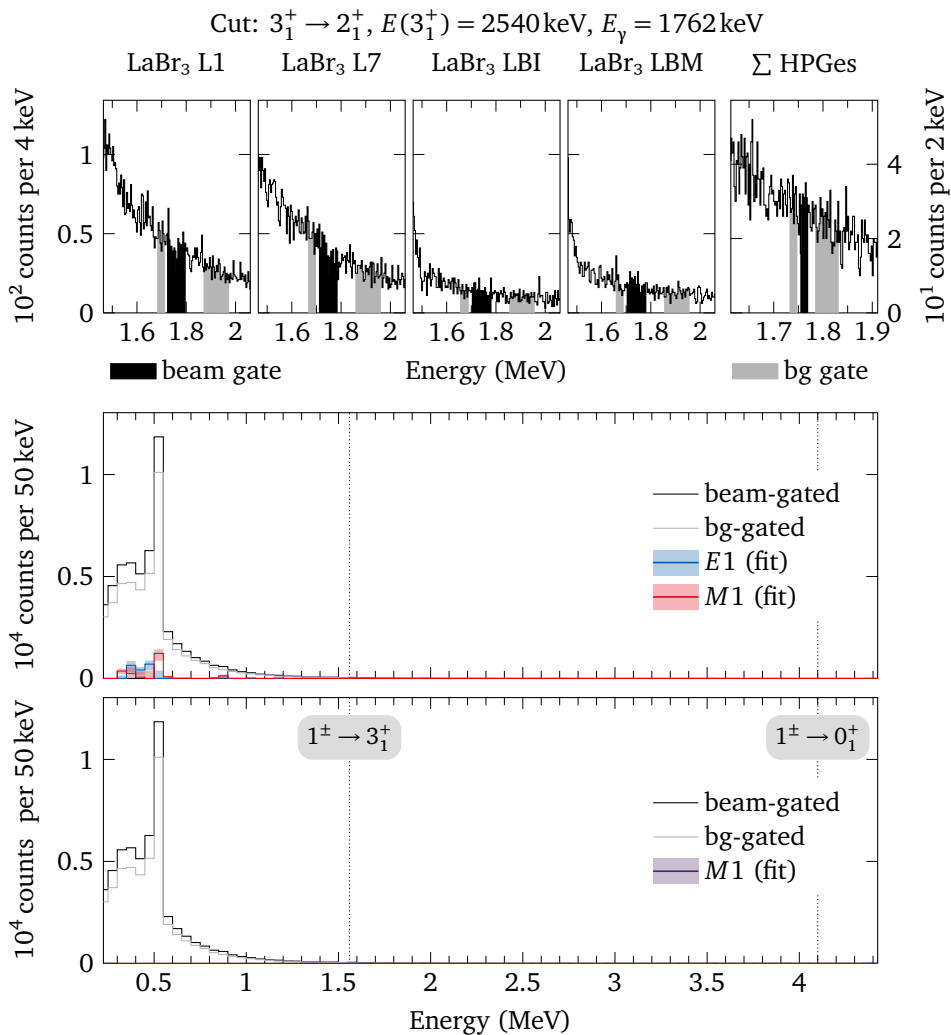


Figure 1.46: $E_{\text{beam}} = 4100 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

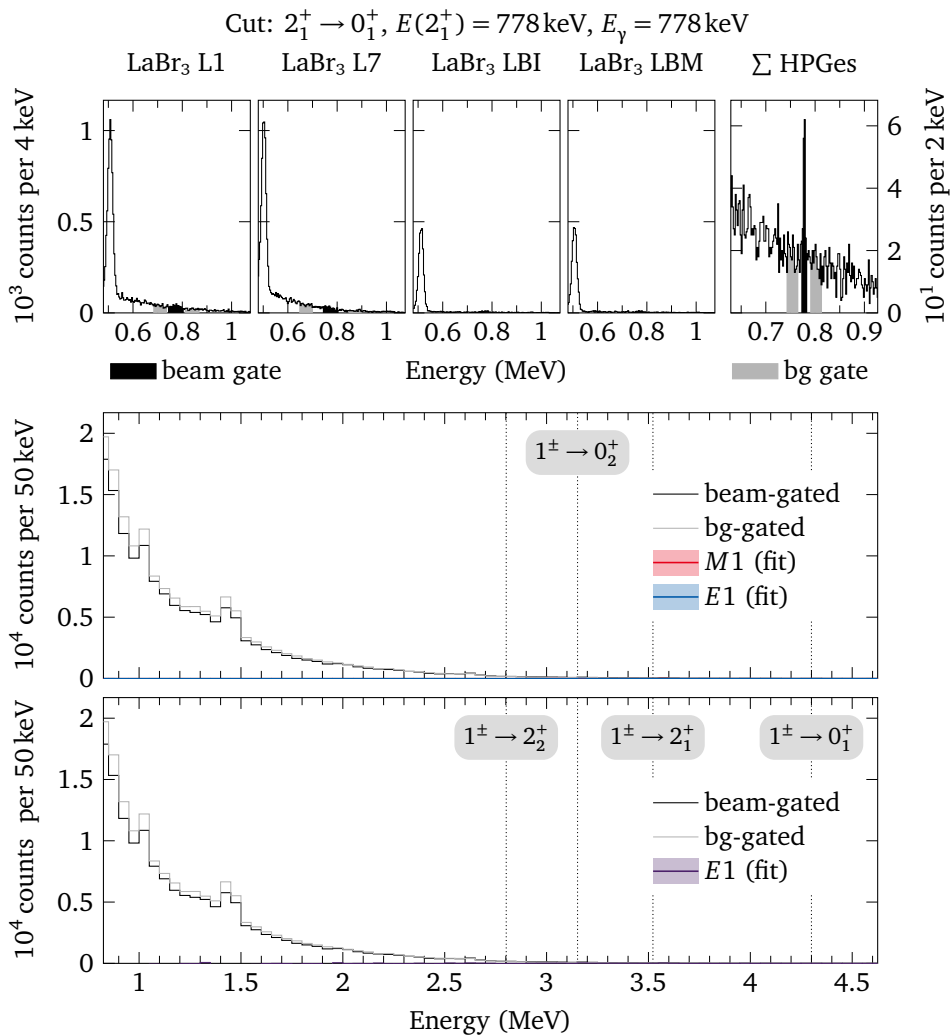


Figure 1.47: $E_{\text{beam}} = 4300 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

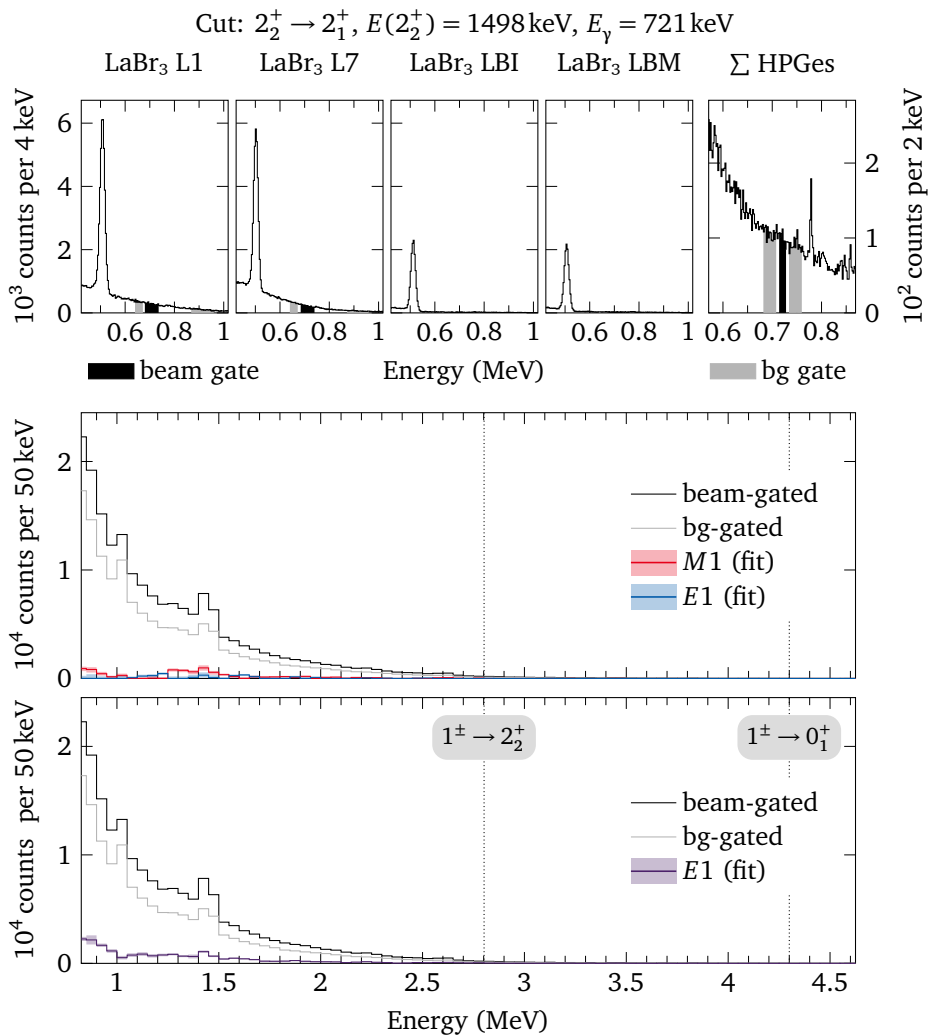


Figure 1.49: $E_{\text{beam}} = 4300 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

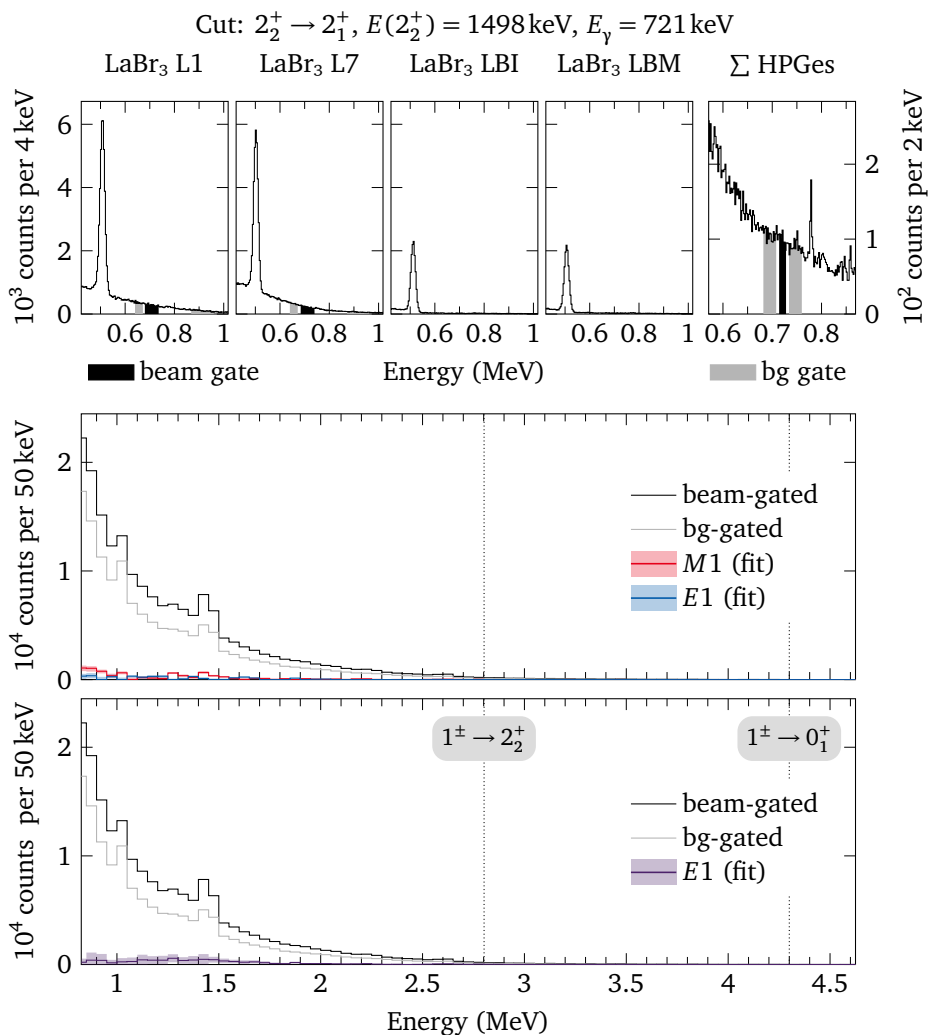


Figure 1.51: $E_{\text{beam}} = 4300 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

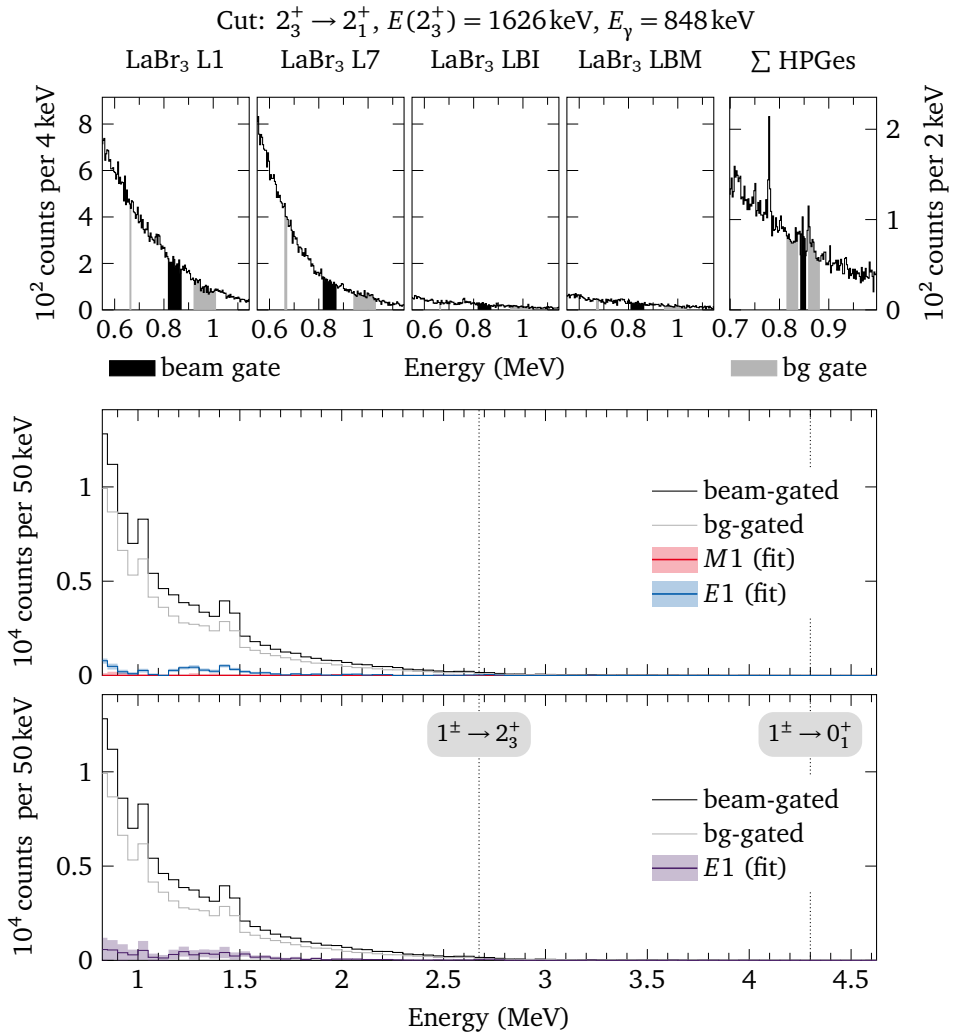


Figure 1.52: $E_{\text{beam}} = 4300 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

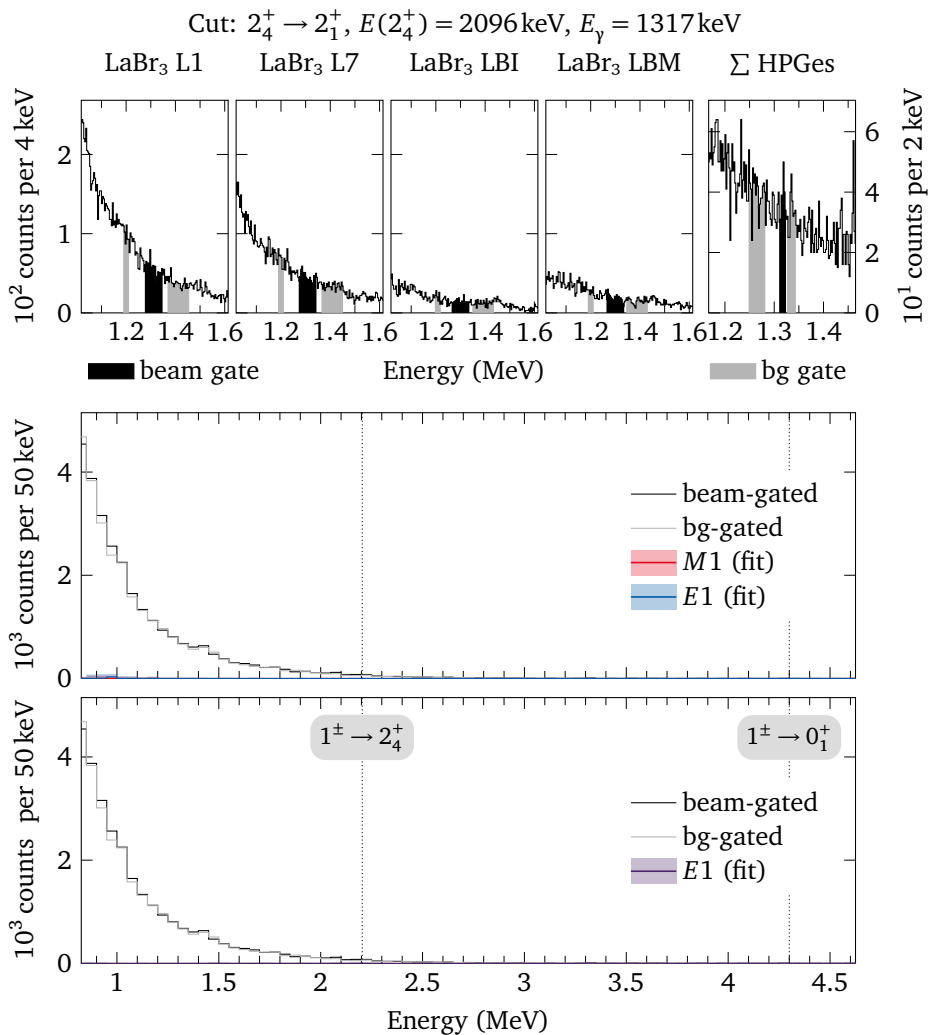


Figure 1.53: $E_{\text{beam}} = 4300 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

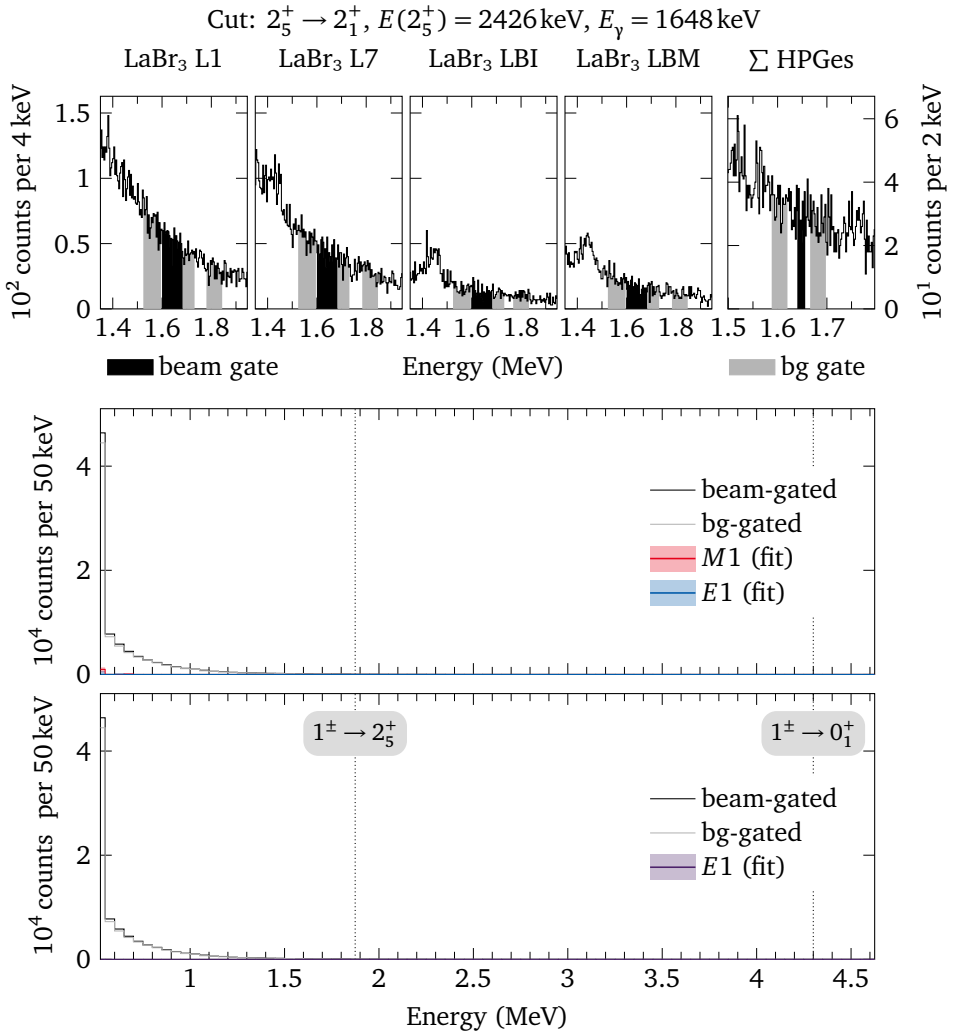


Figure 1.54: $E_{\text{beam}} = 4300 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

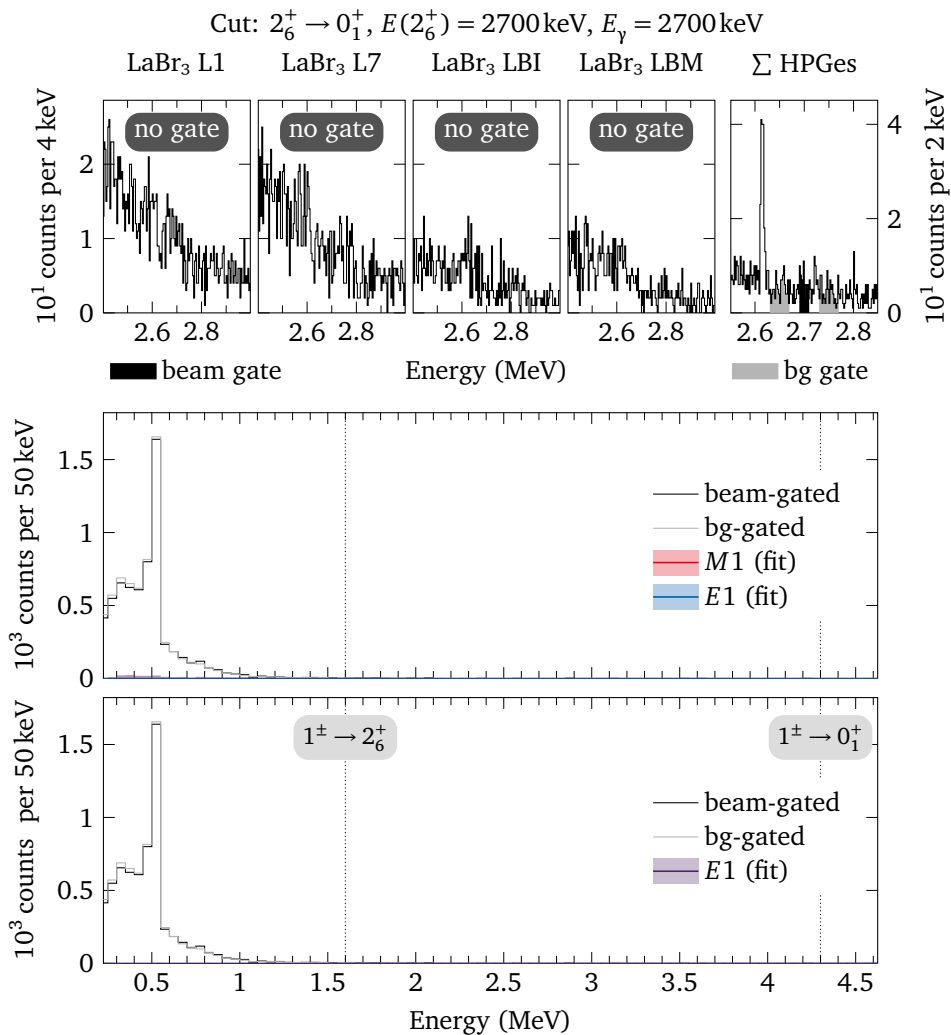


Figure 1.55: $E_{\text{beam}} = 4300 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

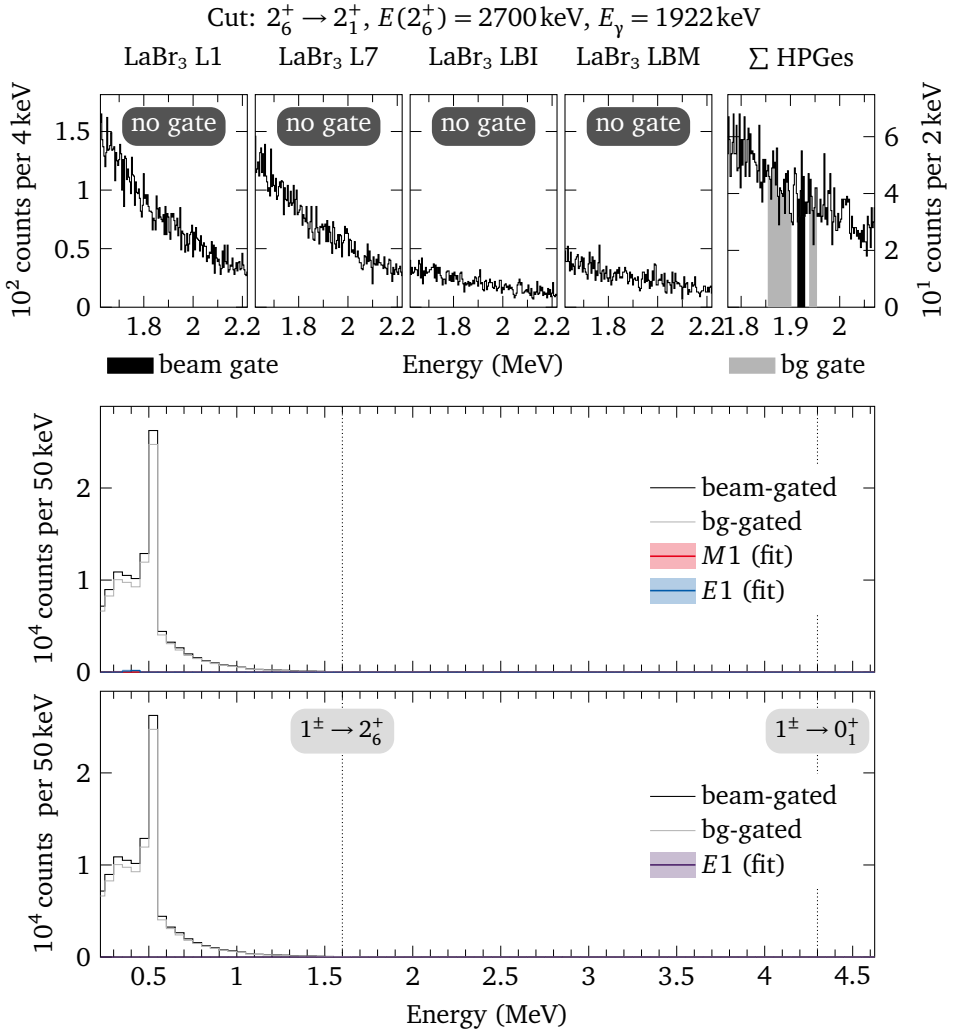


Figure 1.56: $E_{\text{beam}} = 4300 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

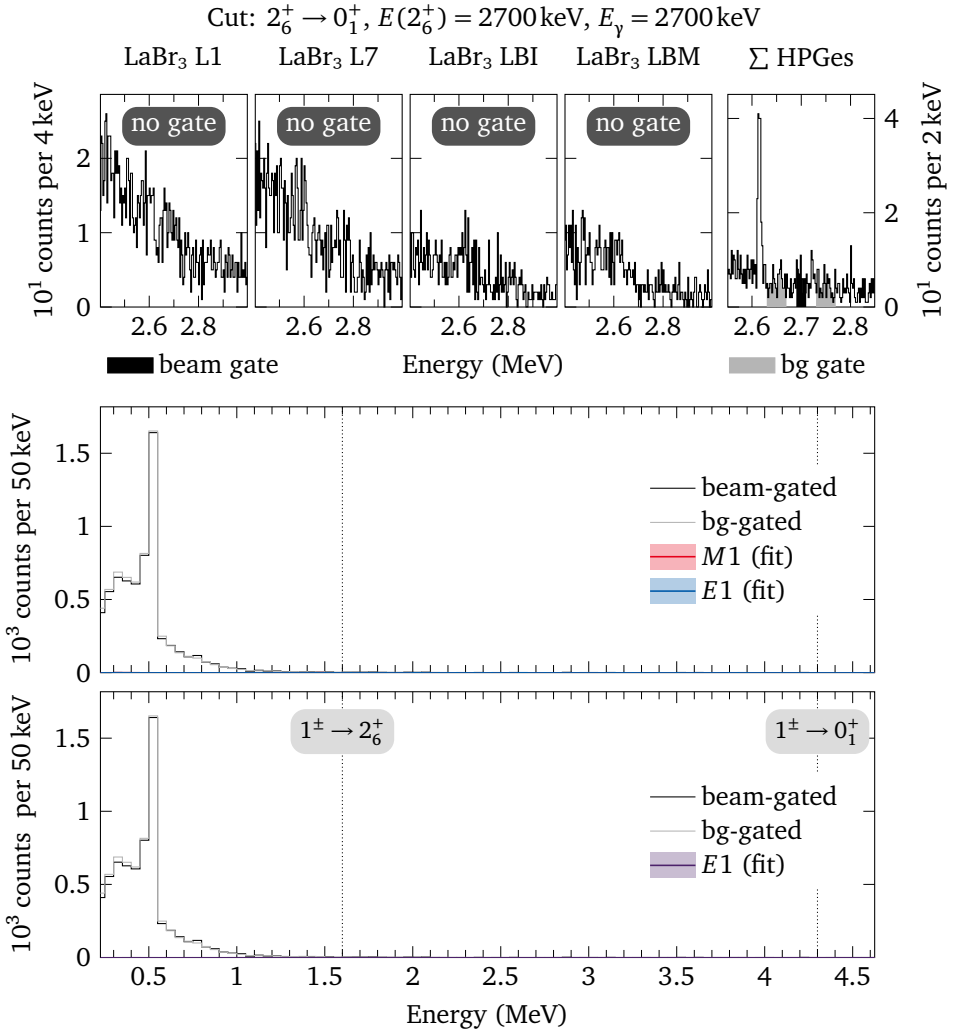


Figure 1.58: $E_{\text{beam}} = 4300\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

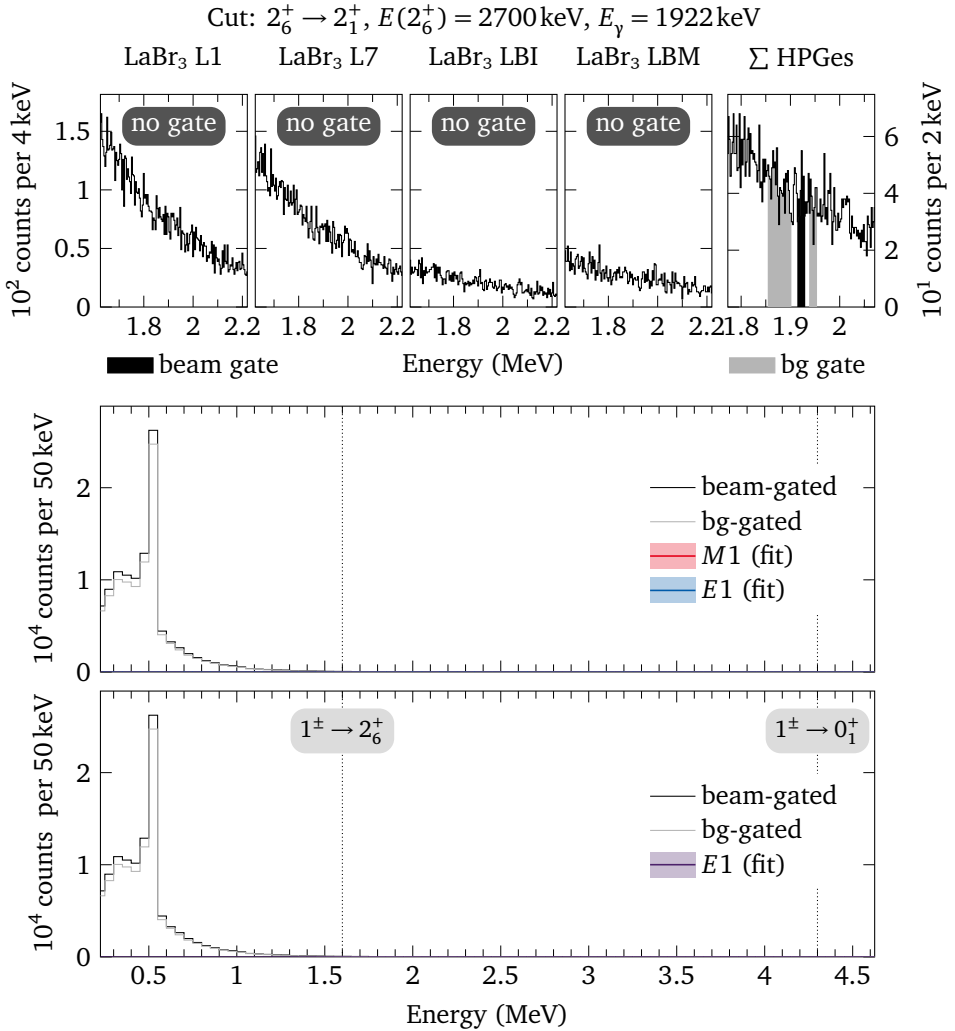


Figure 1.59: $E_{\text{beam}} = 4300 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

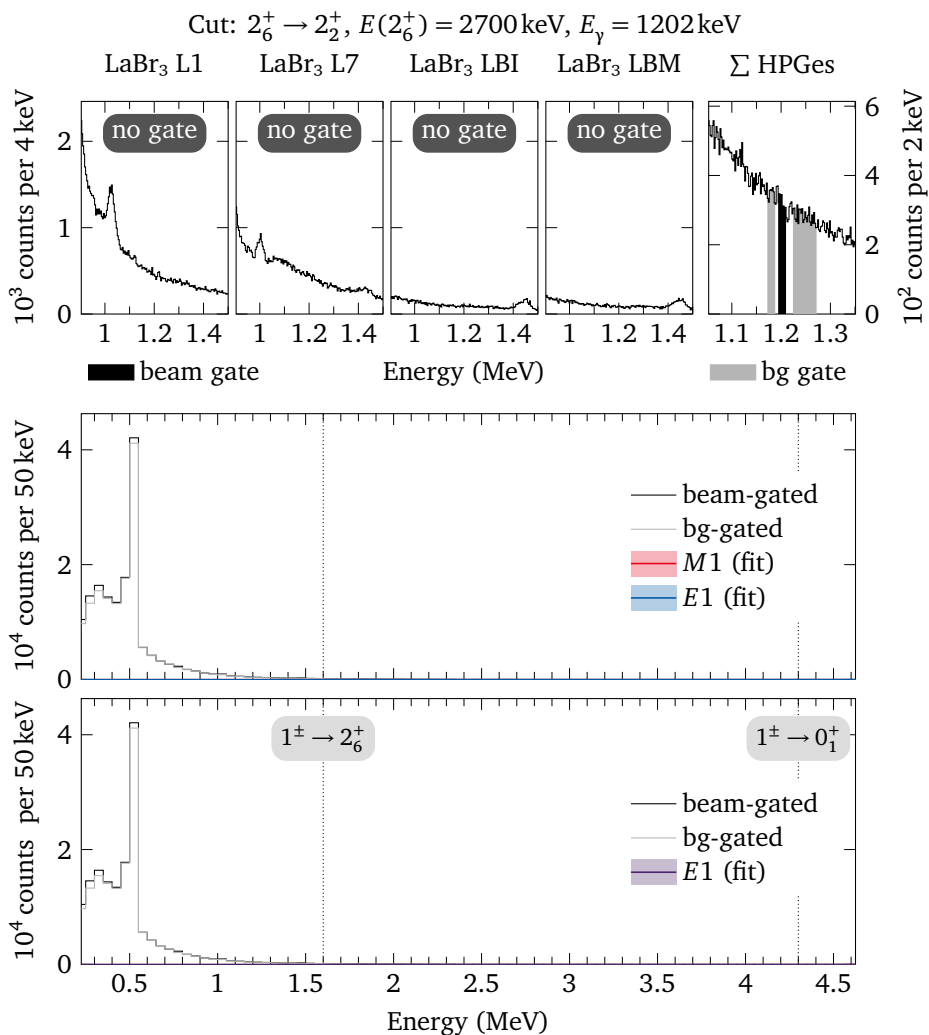


Figure 1.60: $E_{\text{beam}} = 4300 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

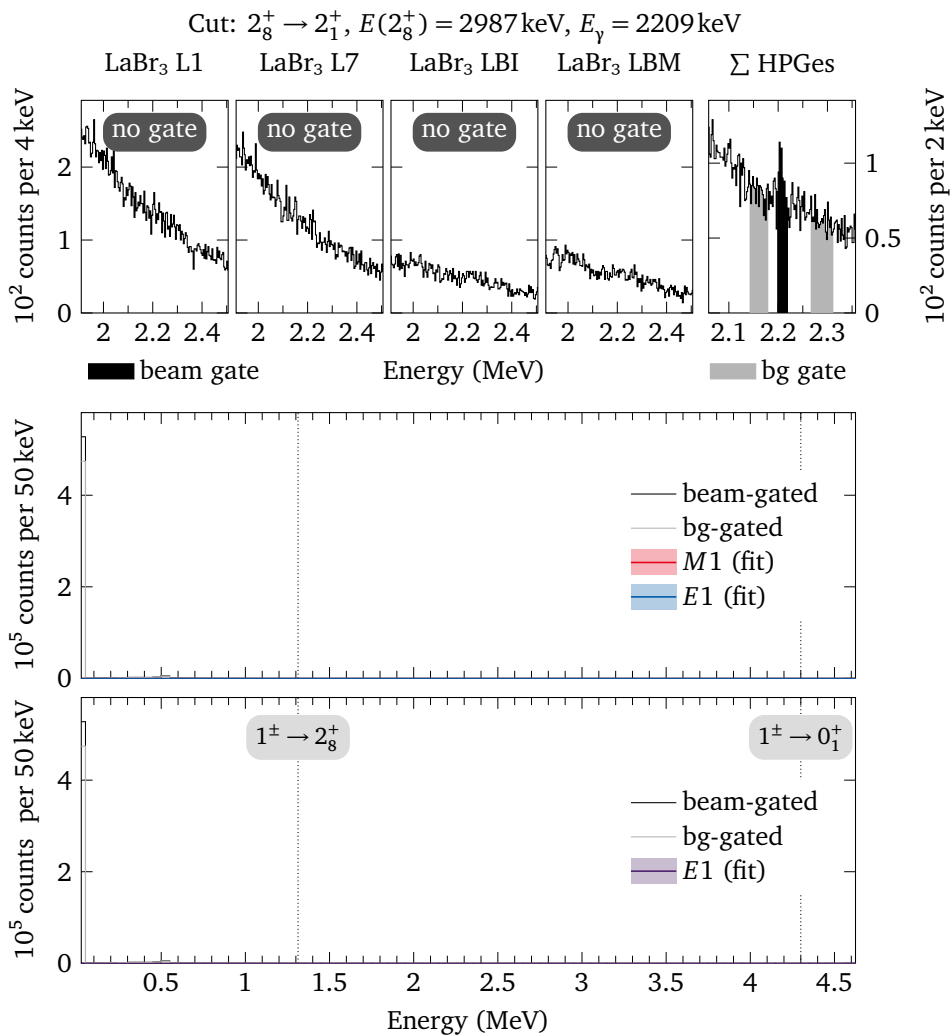


Figure 1.62: $E_{\text{beam}} = 4300 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

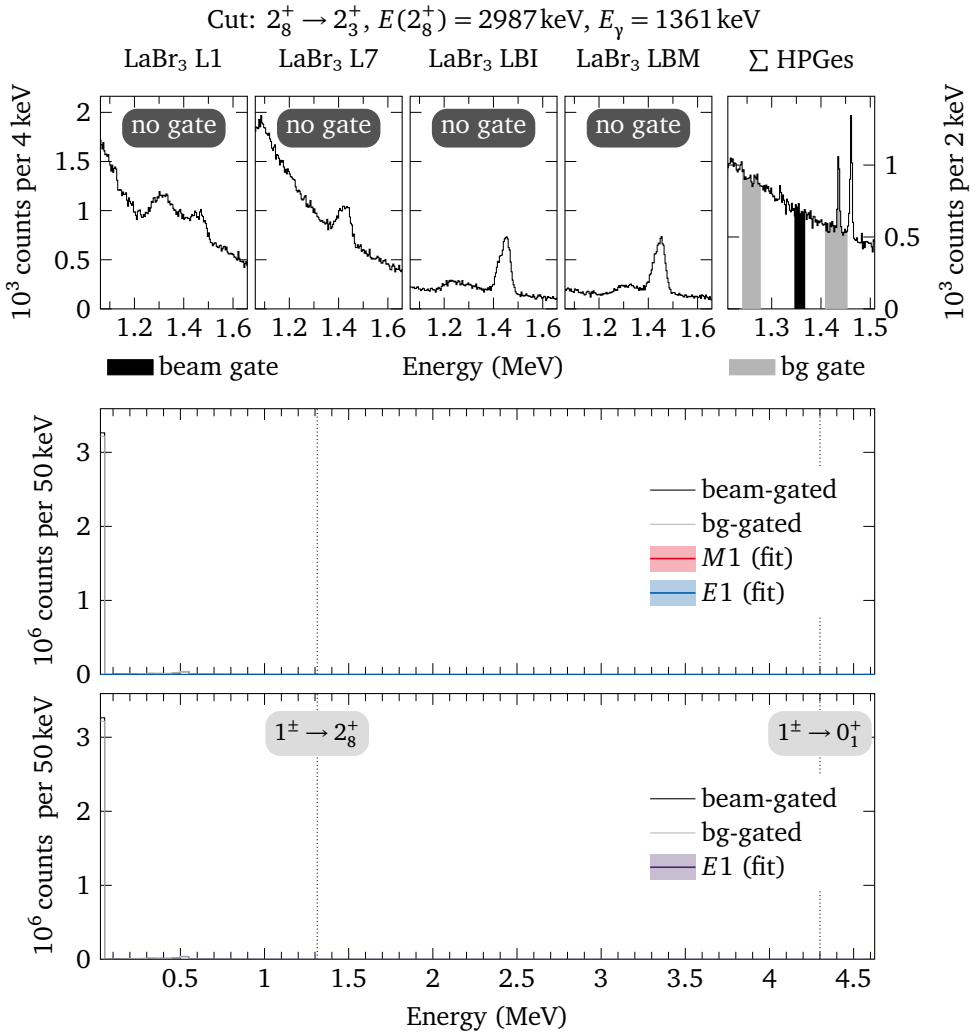


Figure 1.63: $E_{\text{beam}} = 4300 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

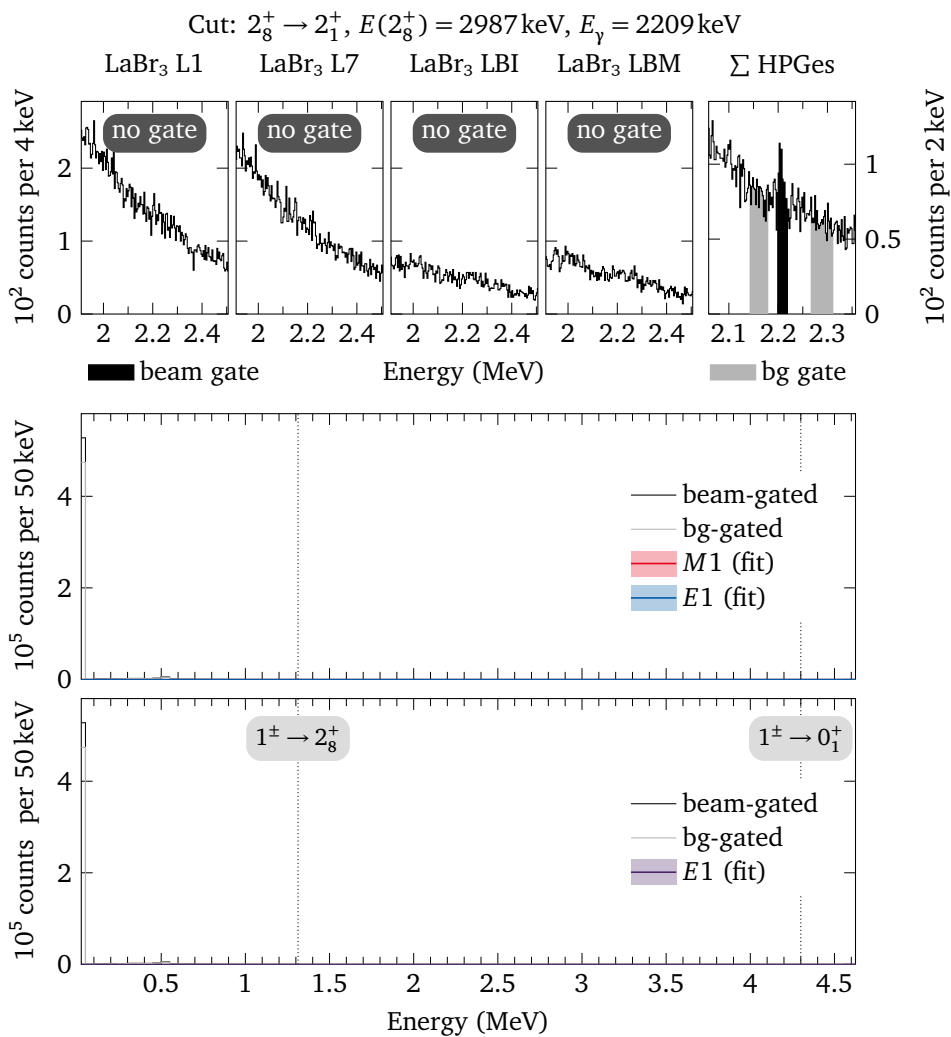


Figure 1.64: $E_{\text{beam}} = 4300 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

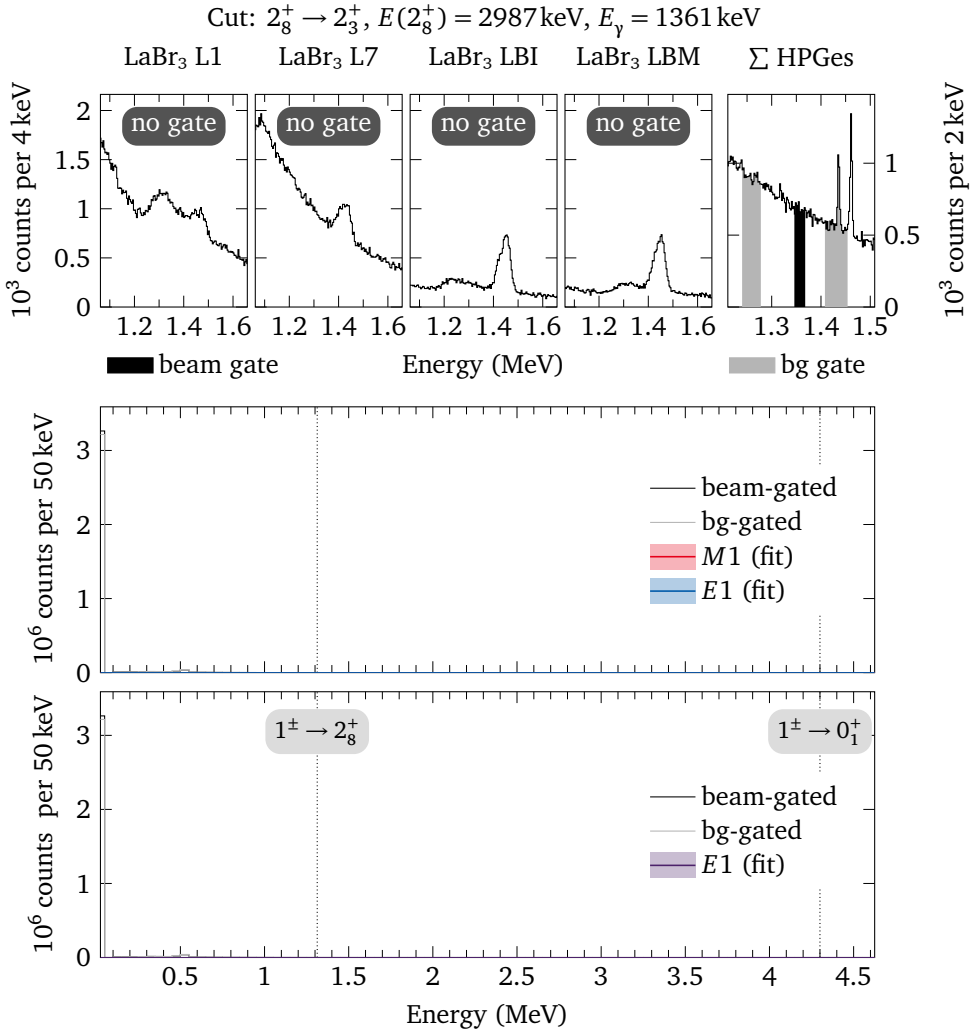


Figure 1.65: $E_{\text{beam}} = 4300 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

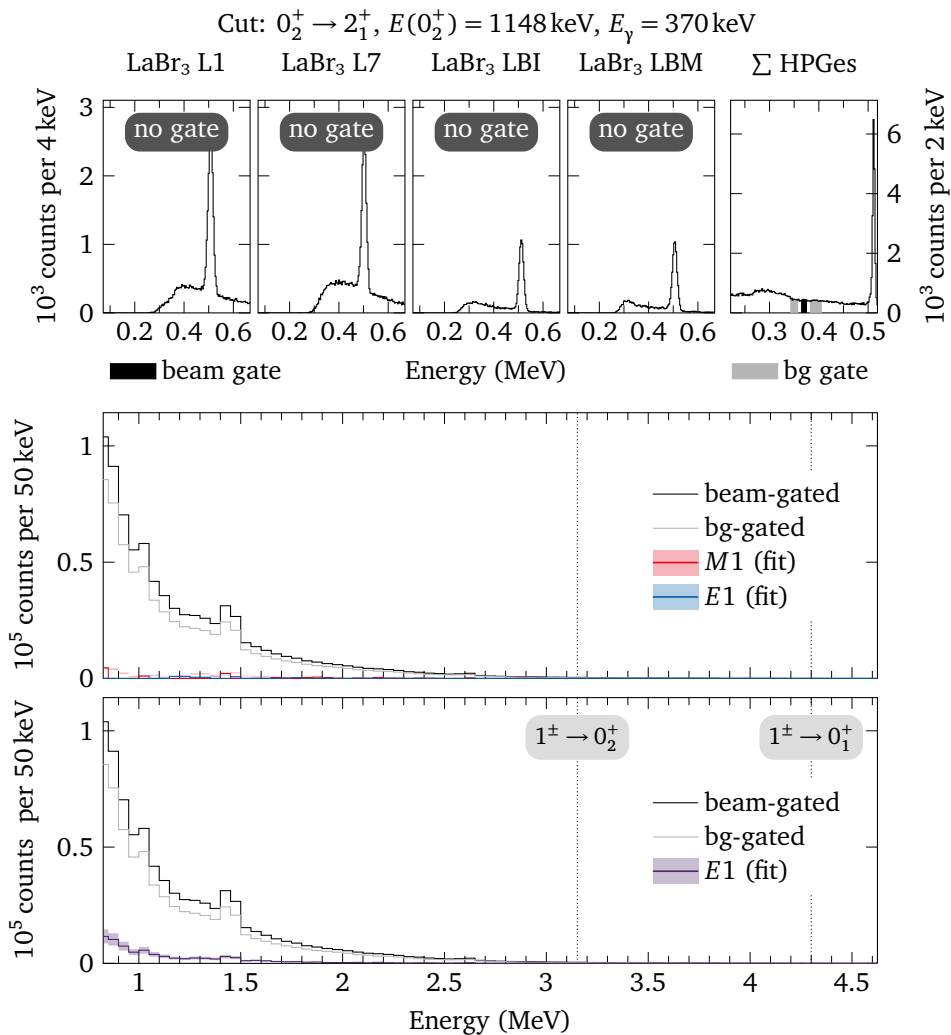


Figure 1.66: $E_{\text{beam}} = 4300 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

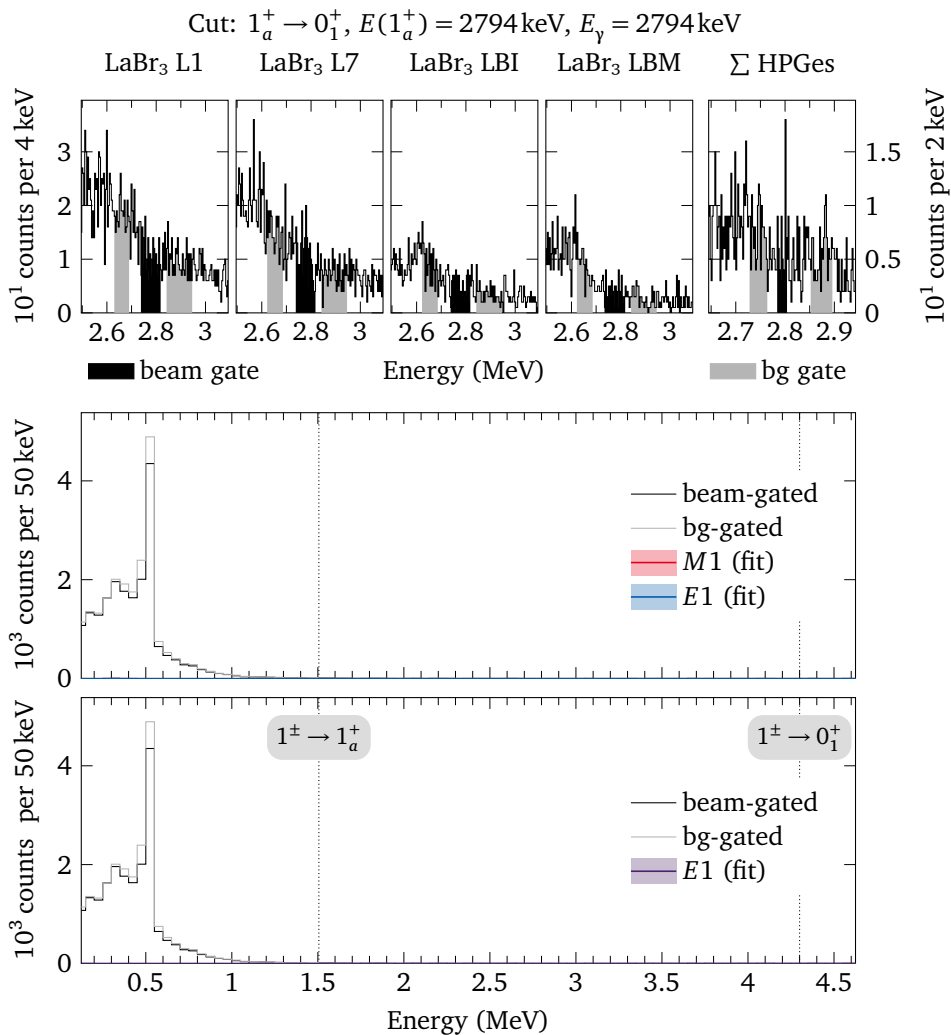


Figure 1.67: $E_{\text{beam}} = 4300 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

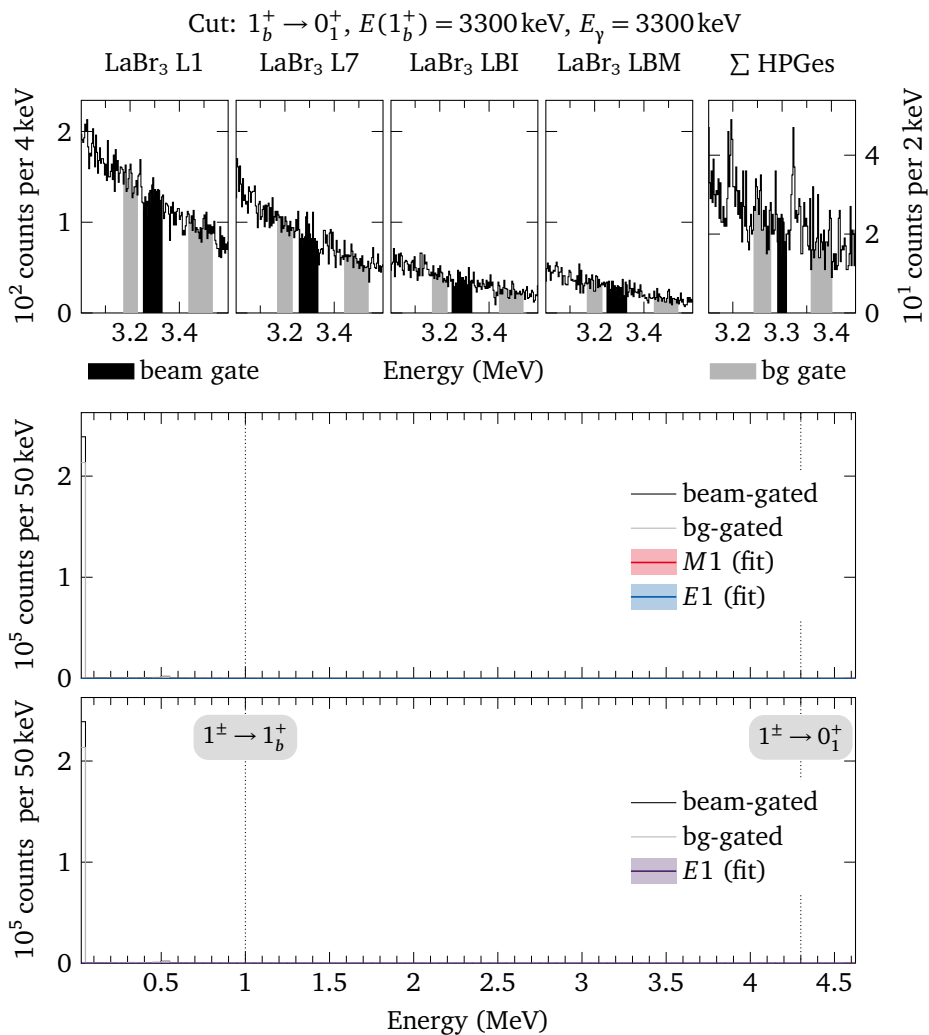


Figure 1.68: $E_{\text{beam}} = 4300 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

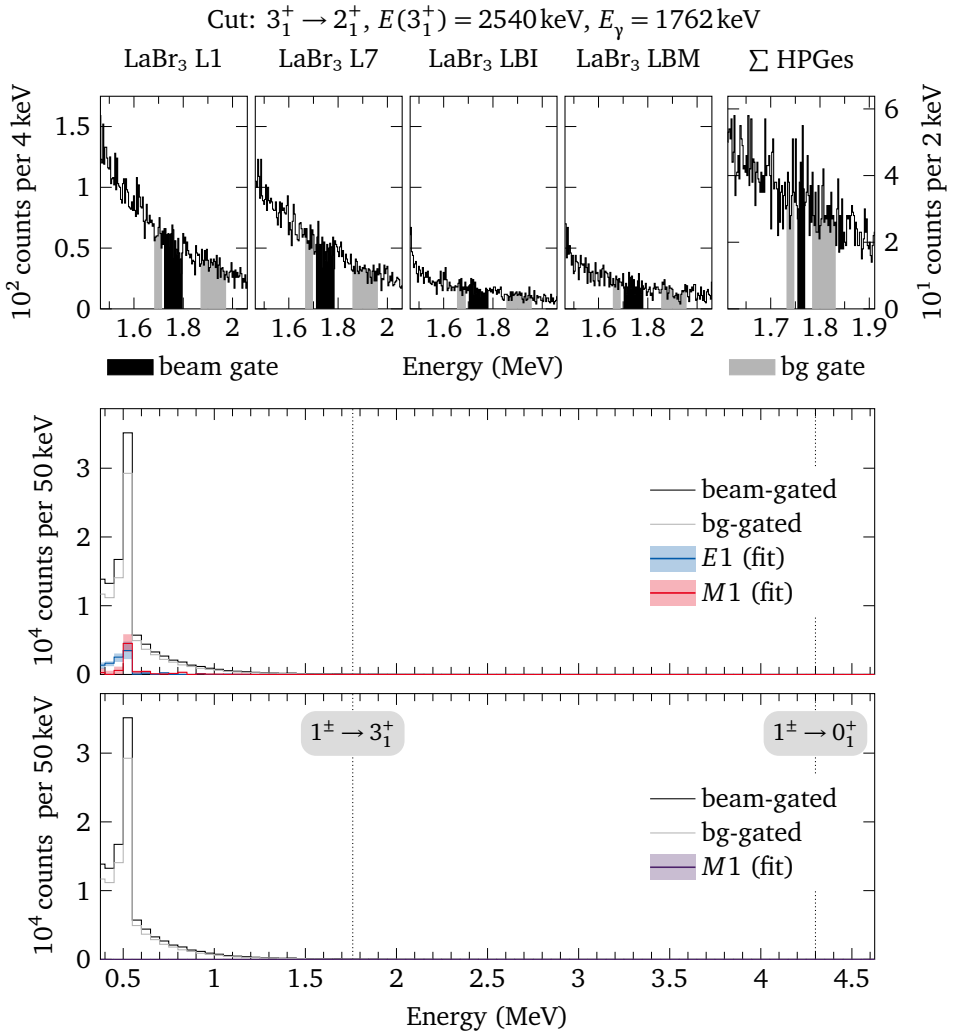


Figure 1.69: $E_{\text{beam}} = 4300 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

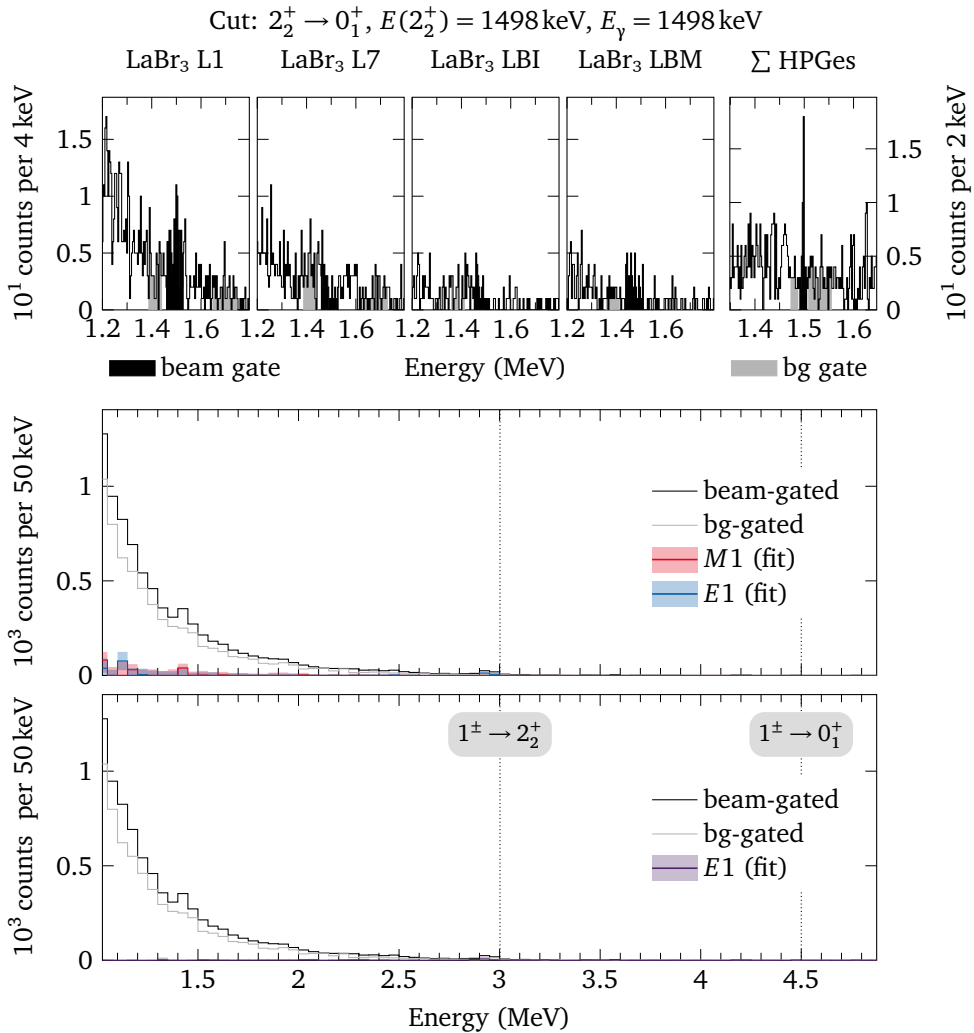


Figure 1.71: $E_{\text{beam}} = 4500$ keV, gating on the transition $2_2^+ \rightarrow 0_1^+$.

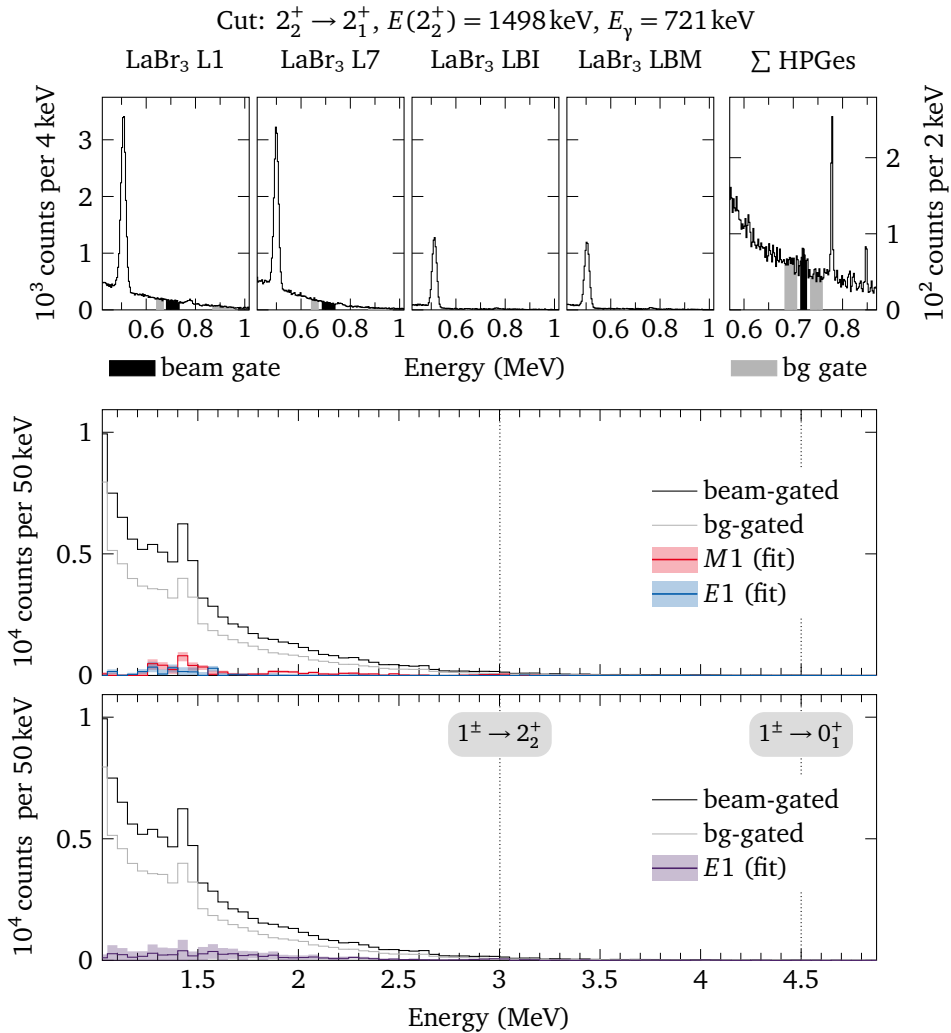


Figure 1.72: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

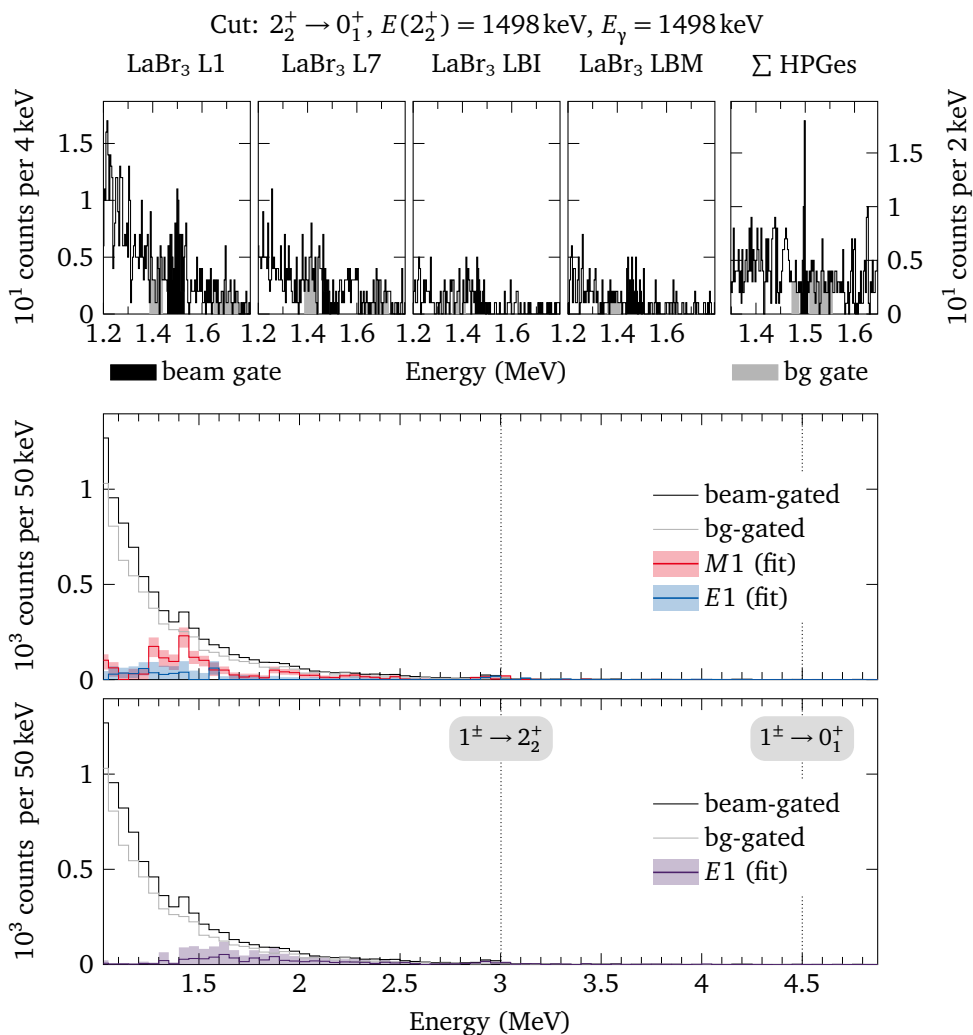


Figure 1.73: $E_{\text{beam}} = 4500 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

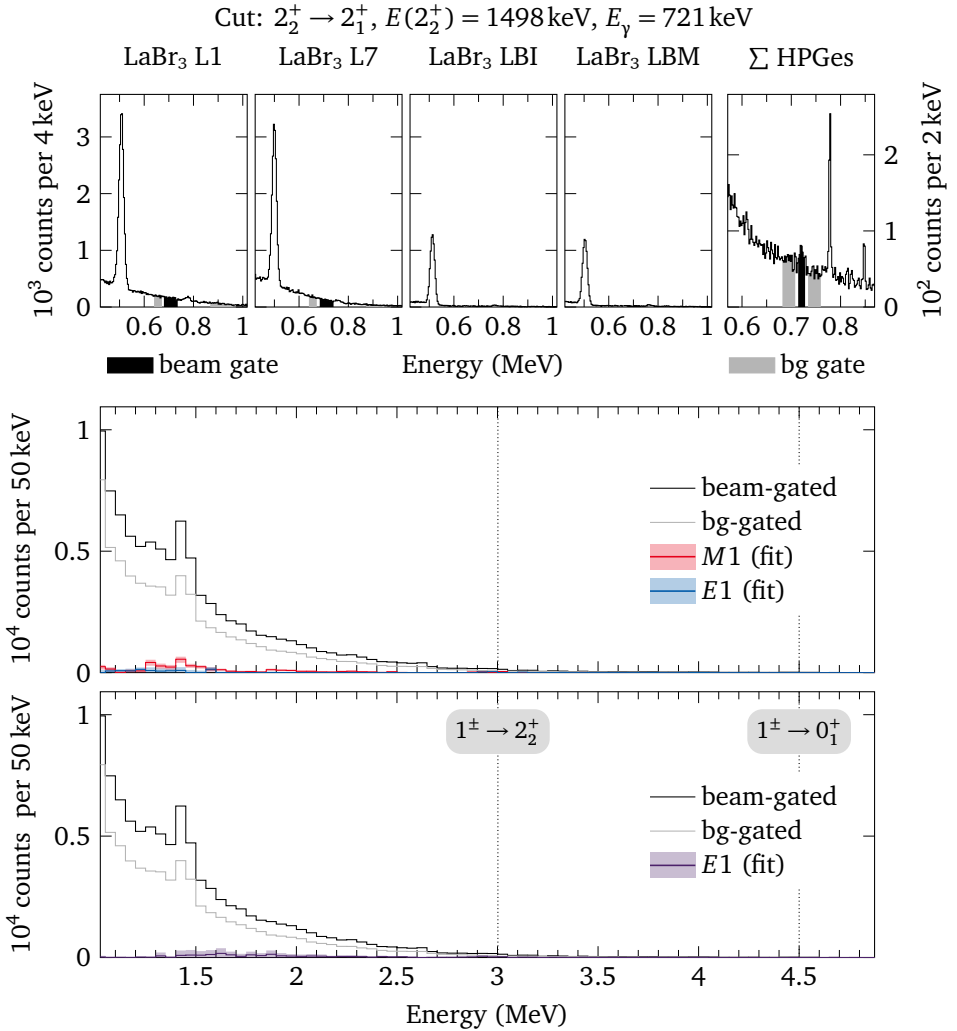


Figure 1.74: $E_{\text{beam}} = 4500 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

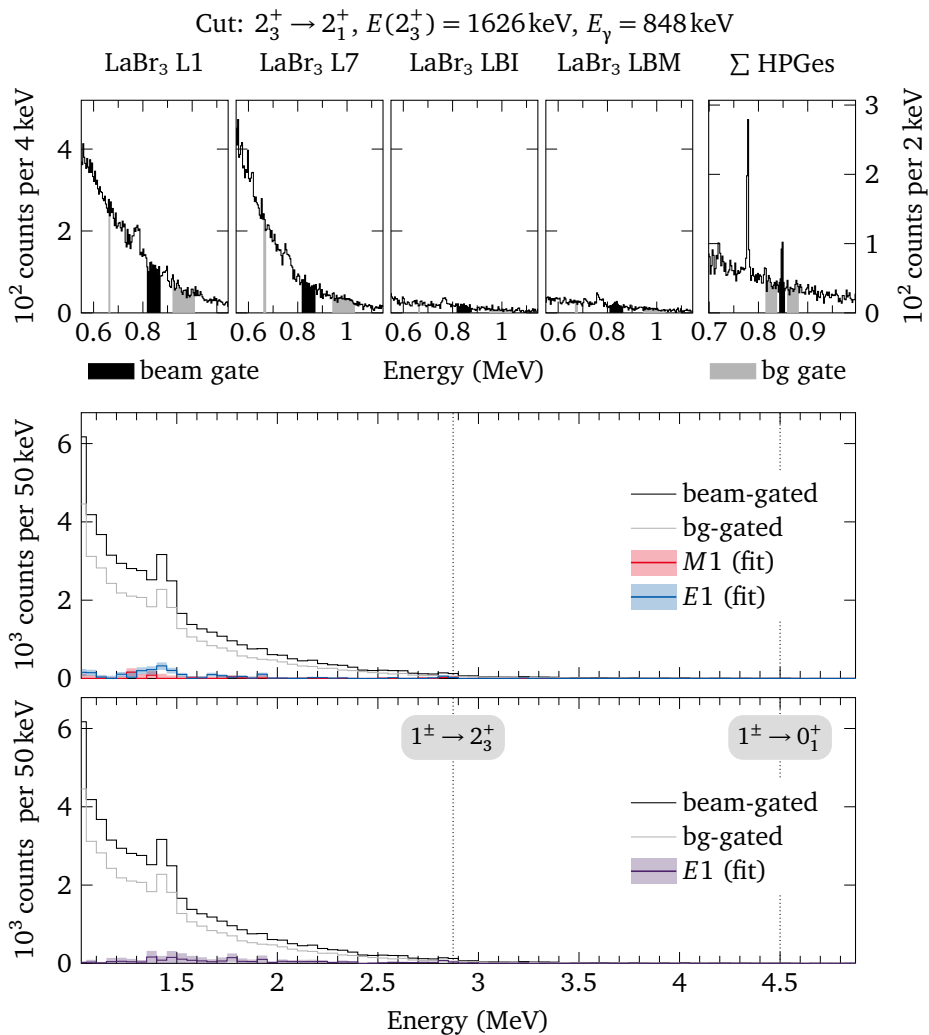


Figure 1.75: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

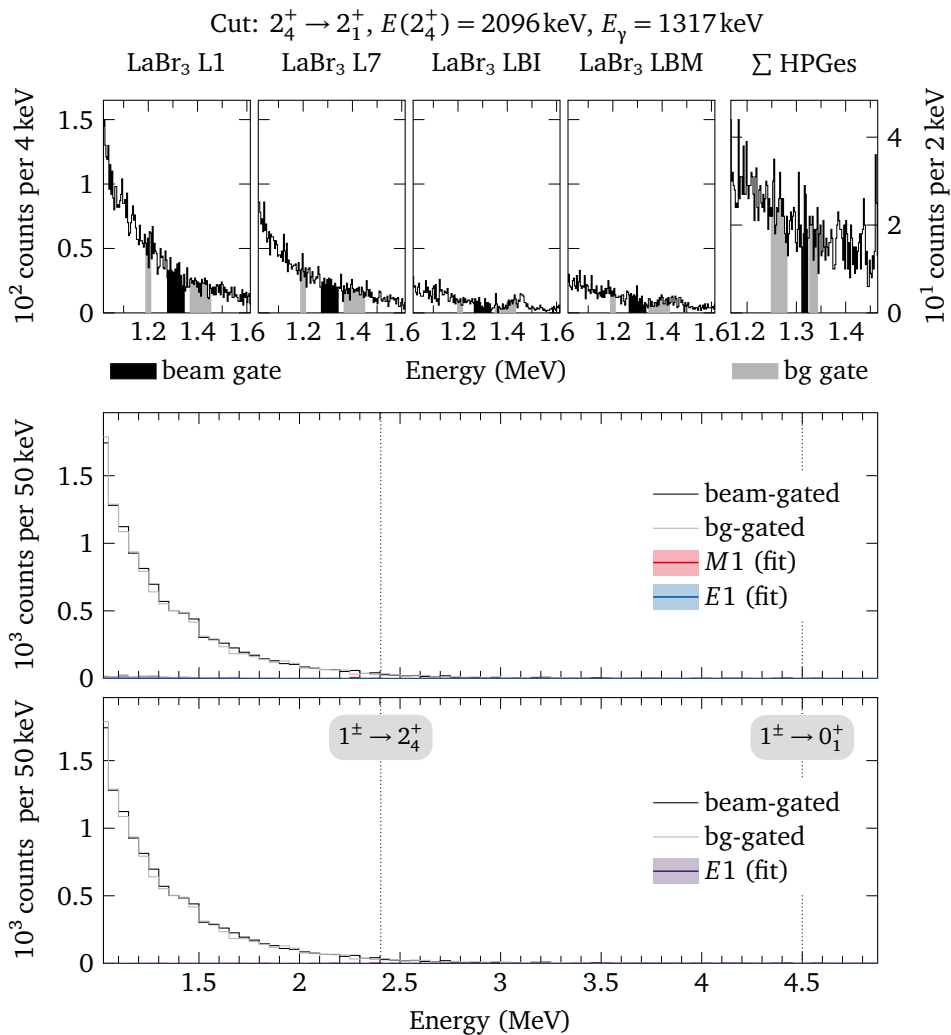


Figure 1.76: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

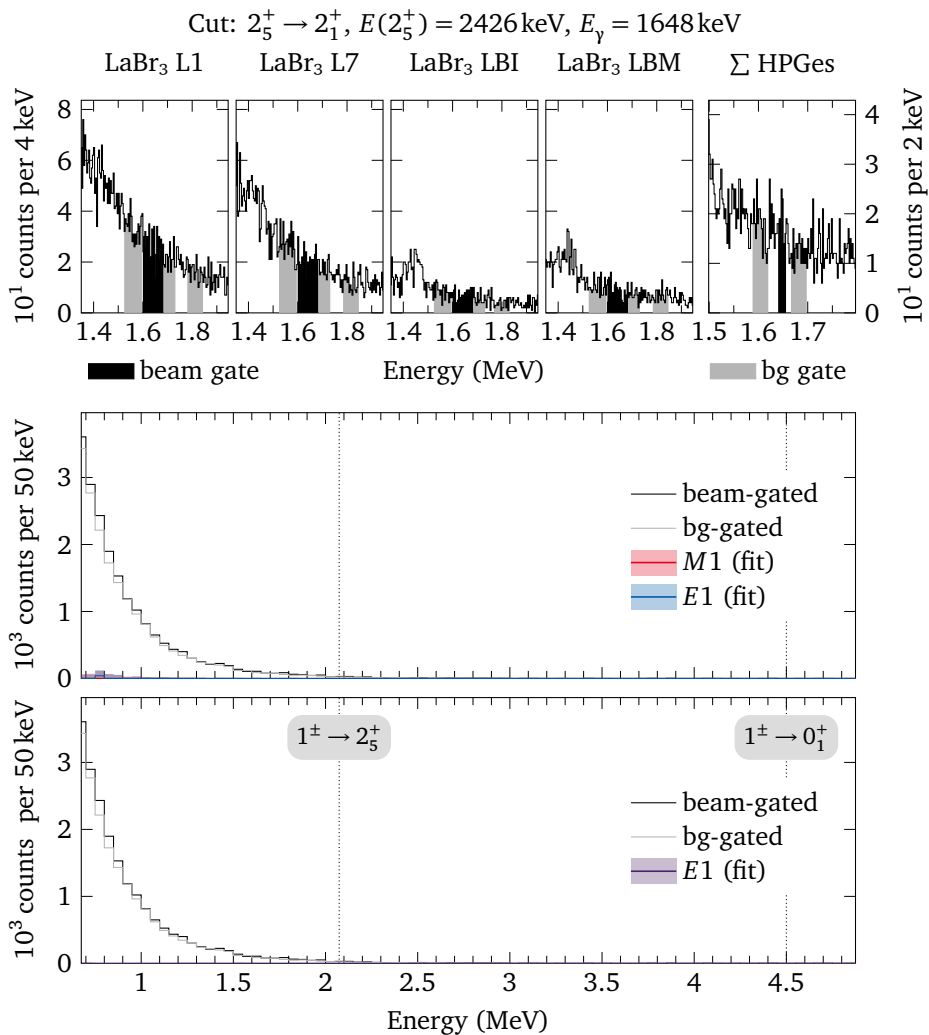


Figure 1.77: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

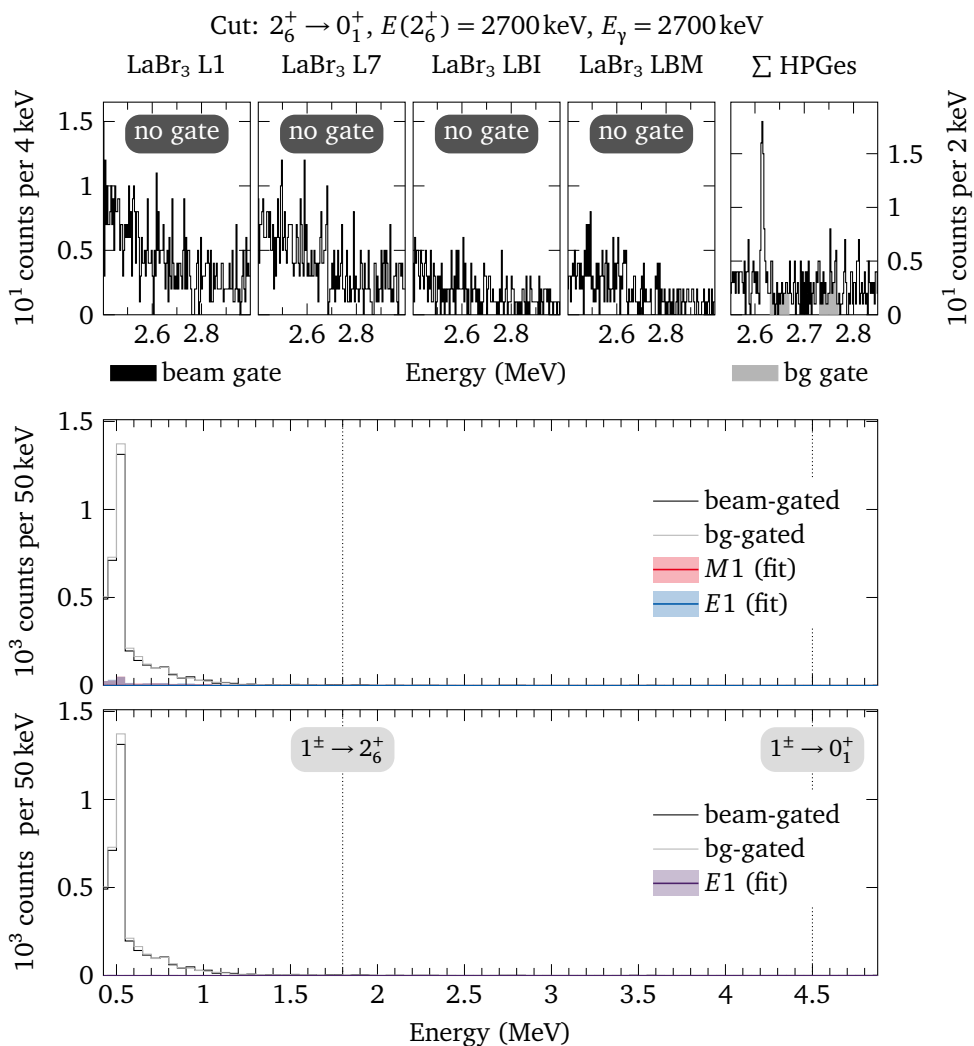


Figure 1.78: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

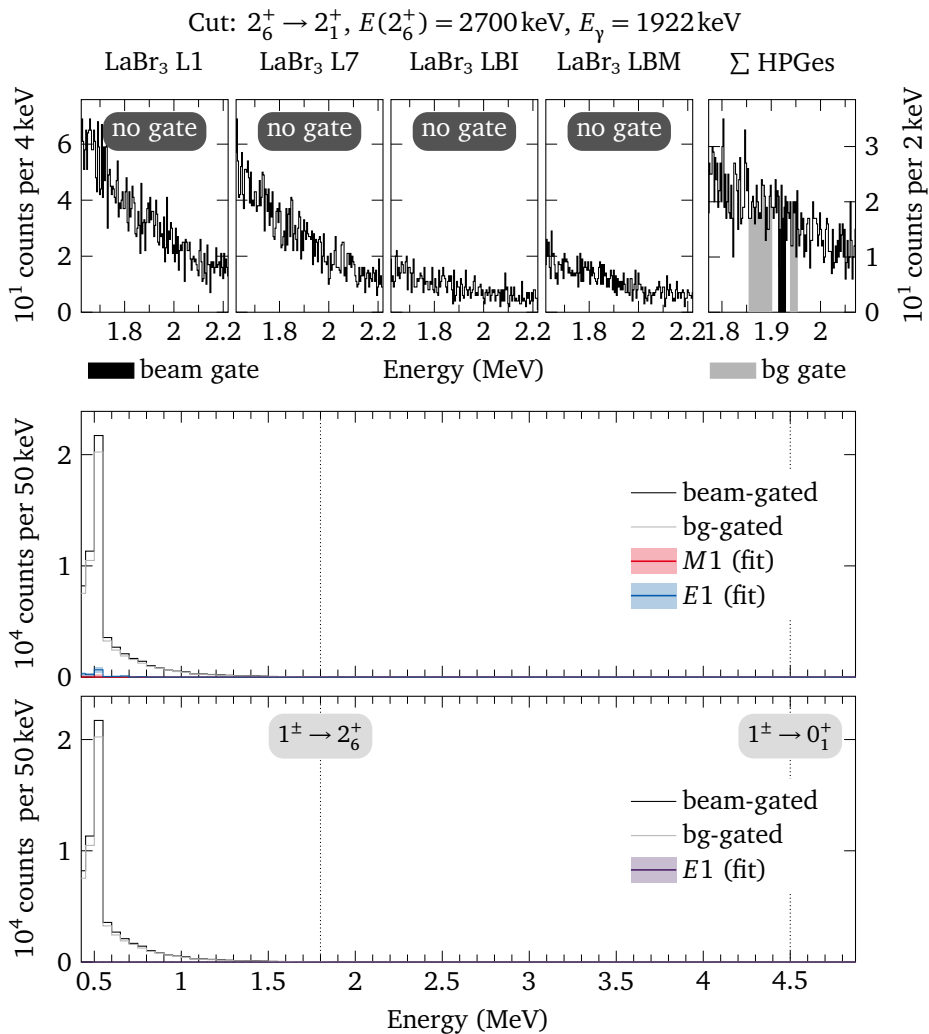


Figure 1.79: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

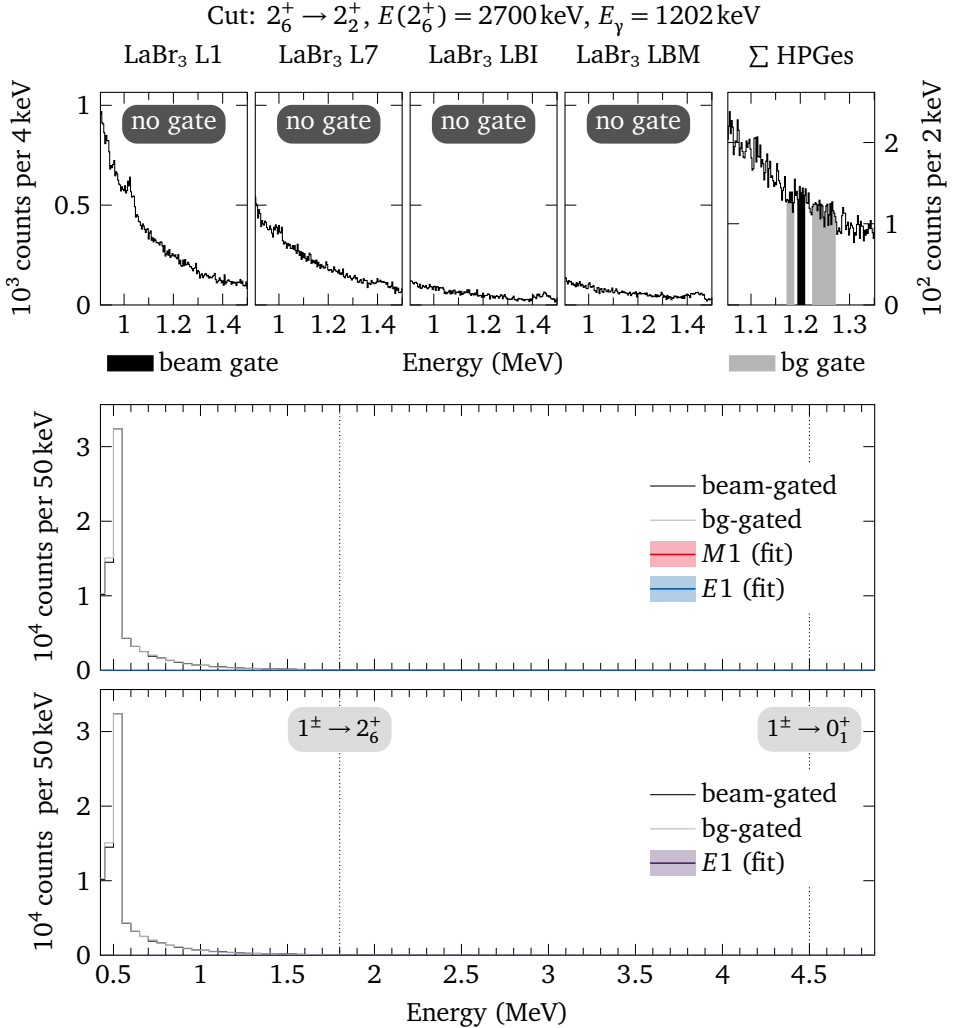


Figure 1.80: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

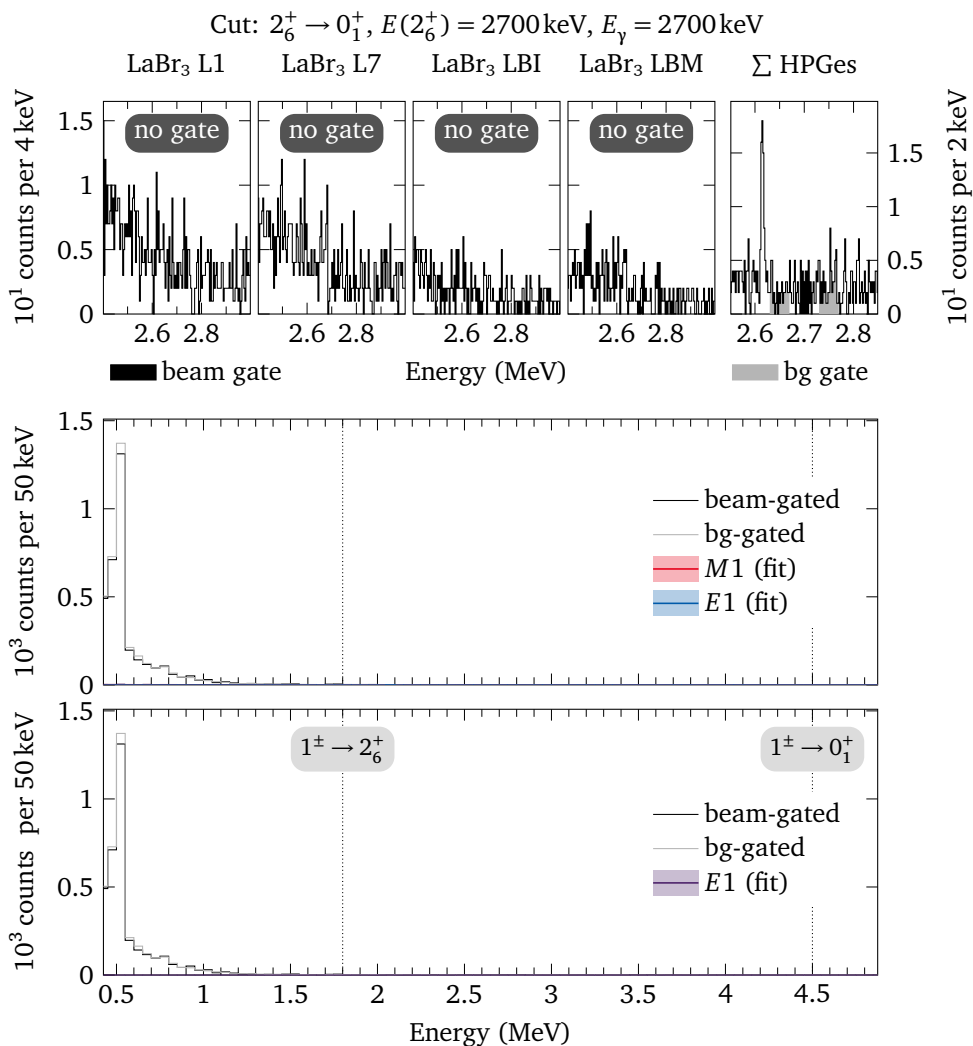


Figure 1.81: $E_{\text{beam}} = 4500 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

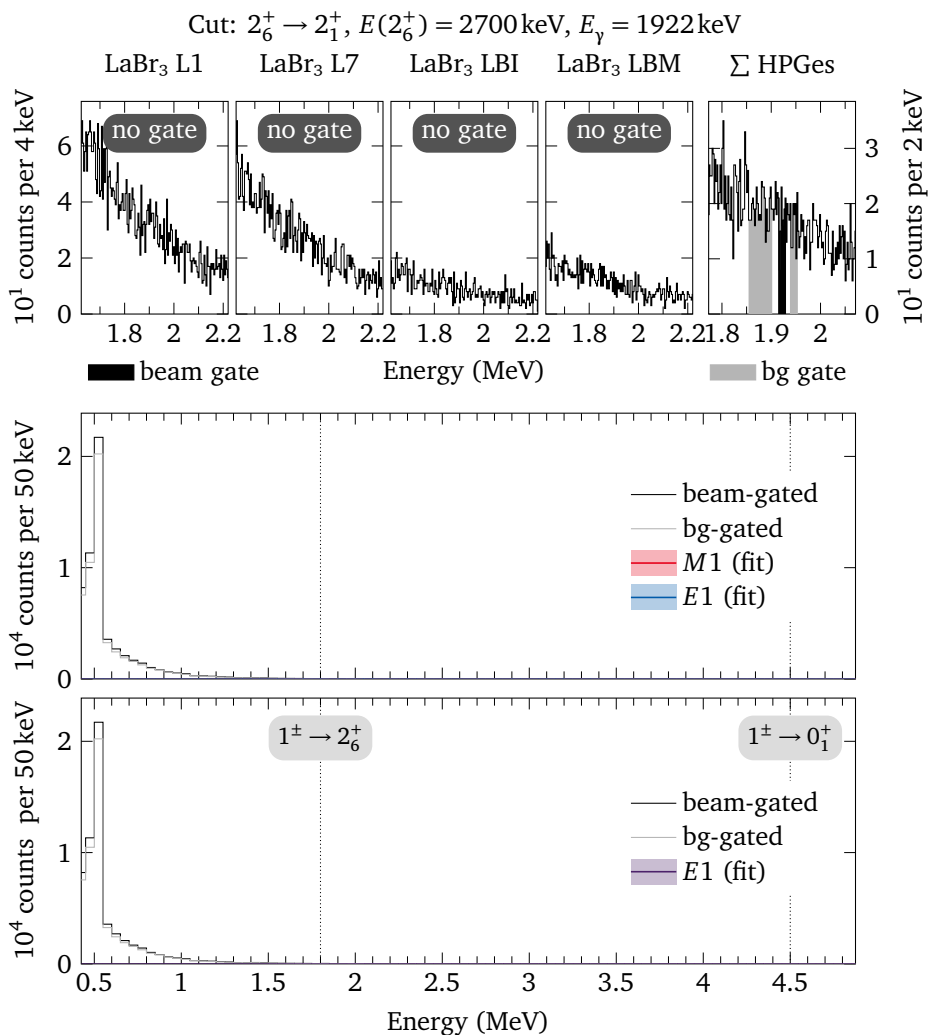


Figure 1.82: $E_{\text{beam}} = 4500$ keV, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

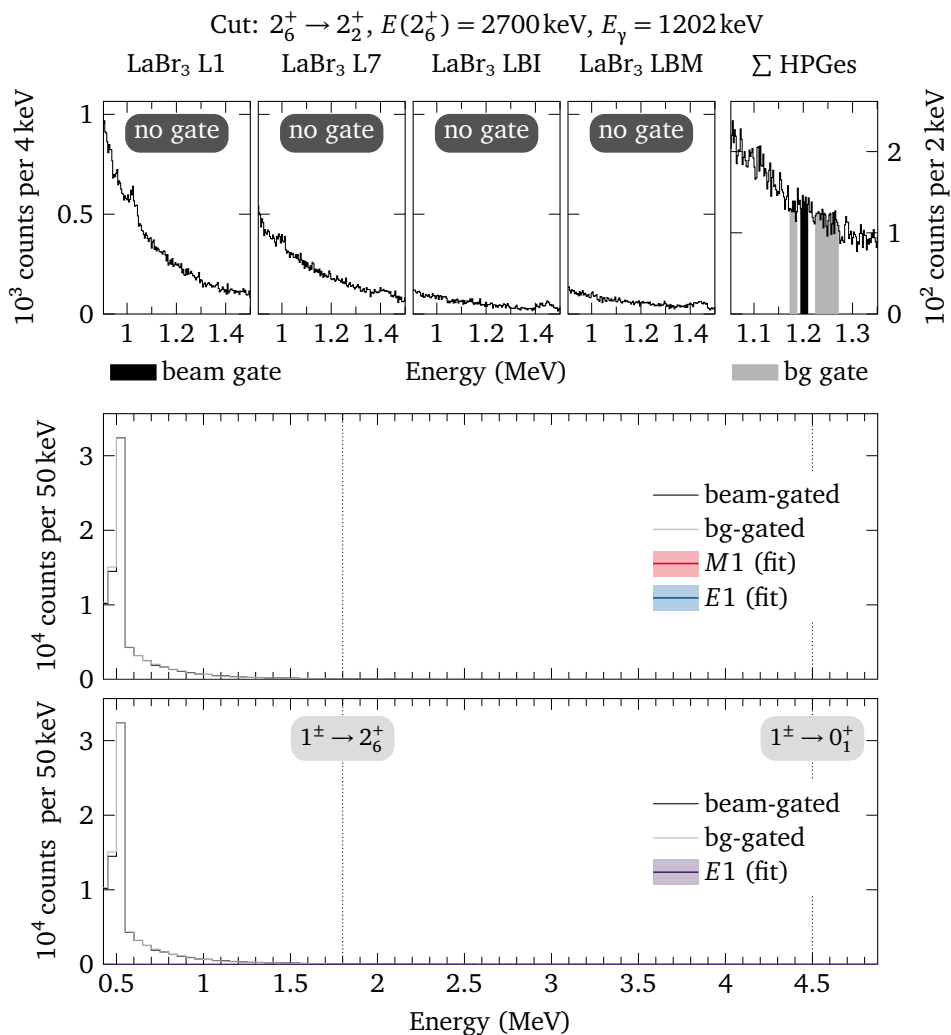


Figure 1.83: $E_{\text{beam}} = 4500 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

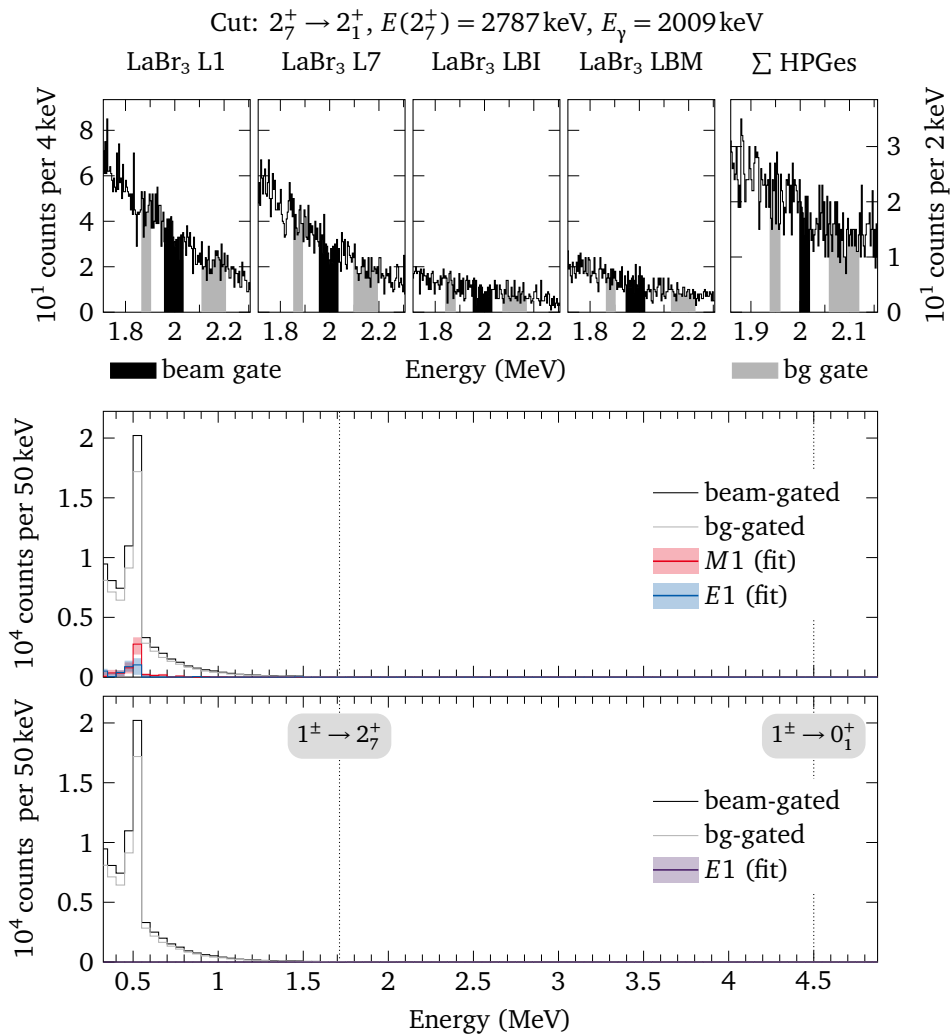


Figure 1.84: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

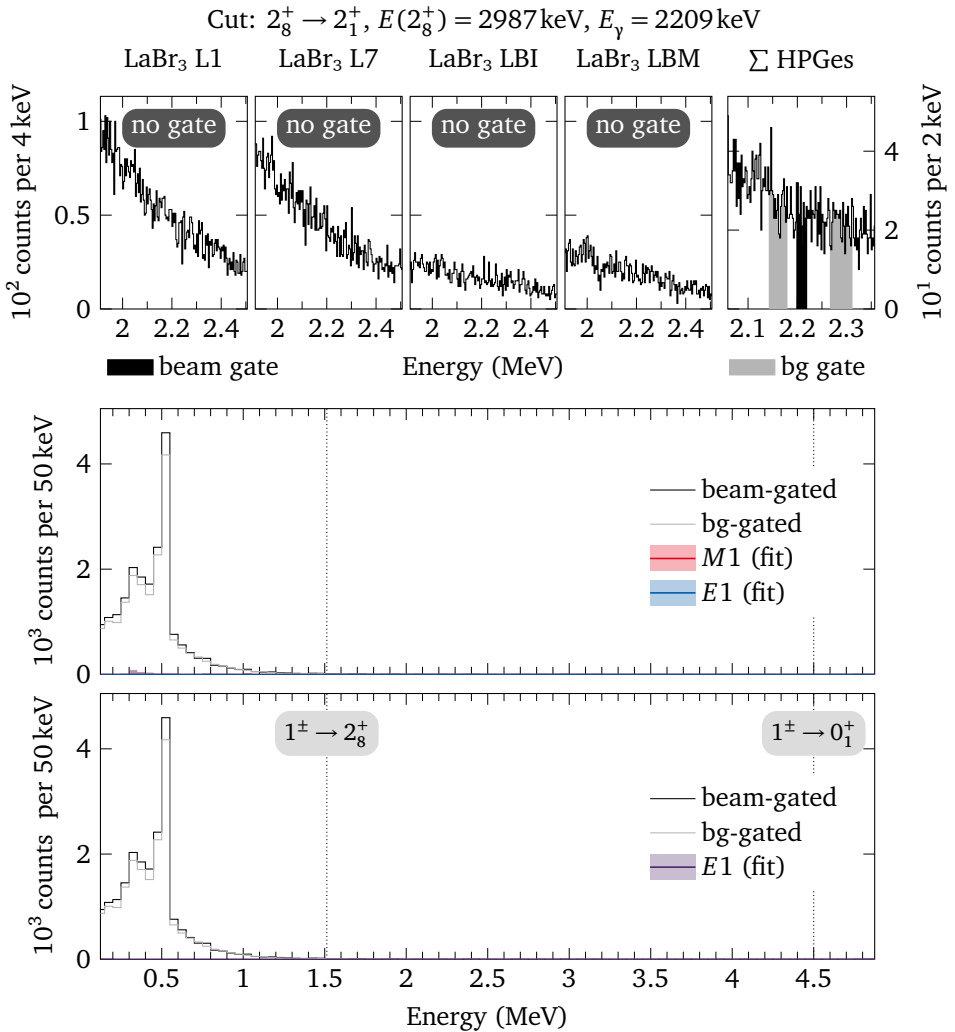


Figure 1.85: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

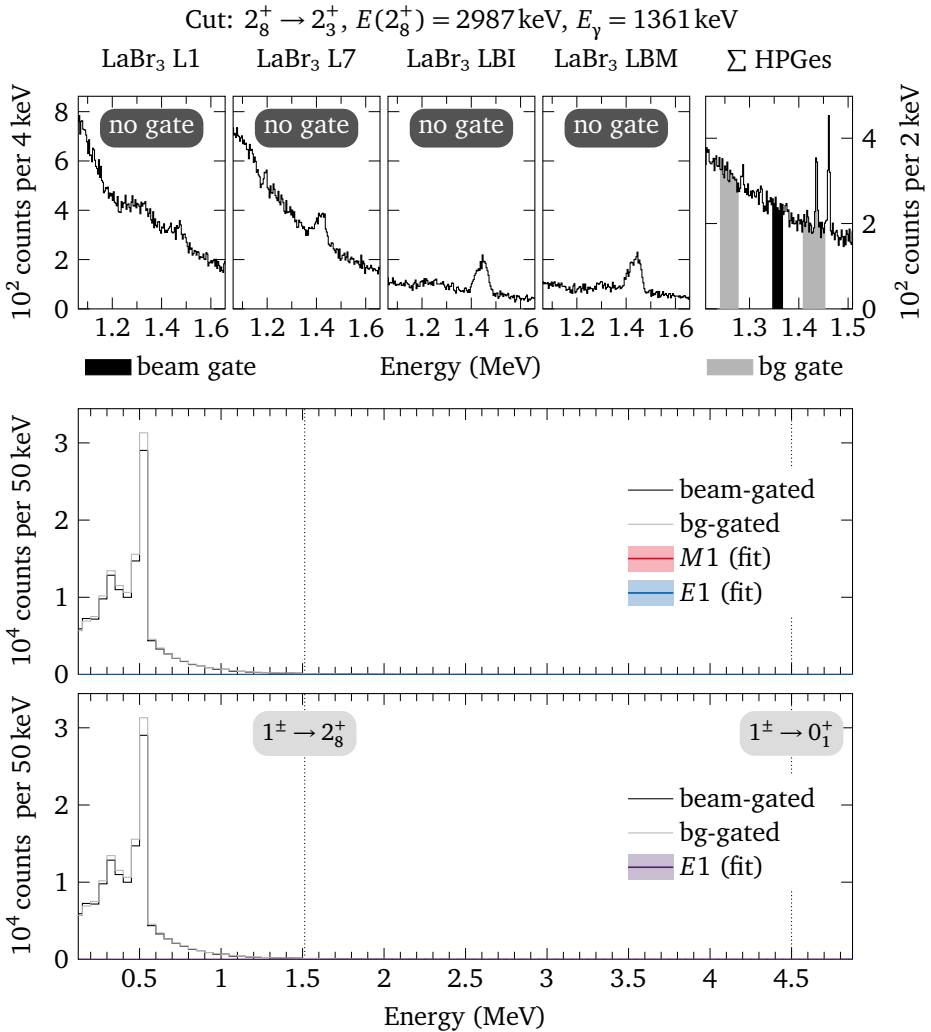


Figure 1.86: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

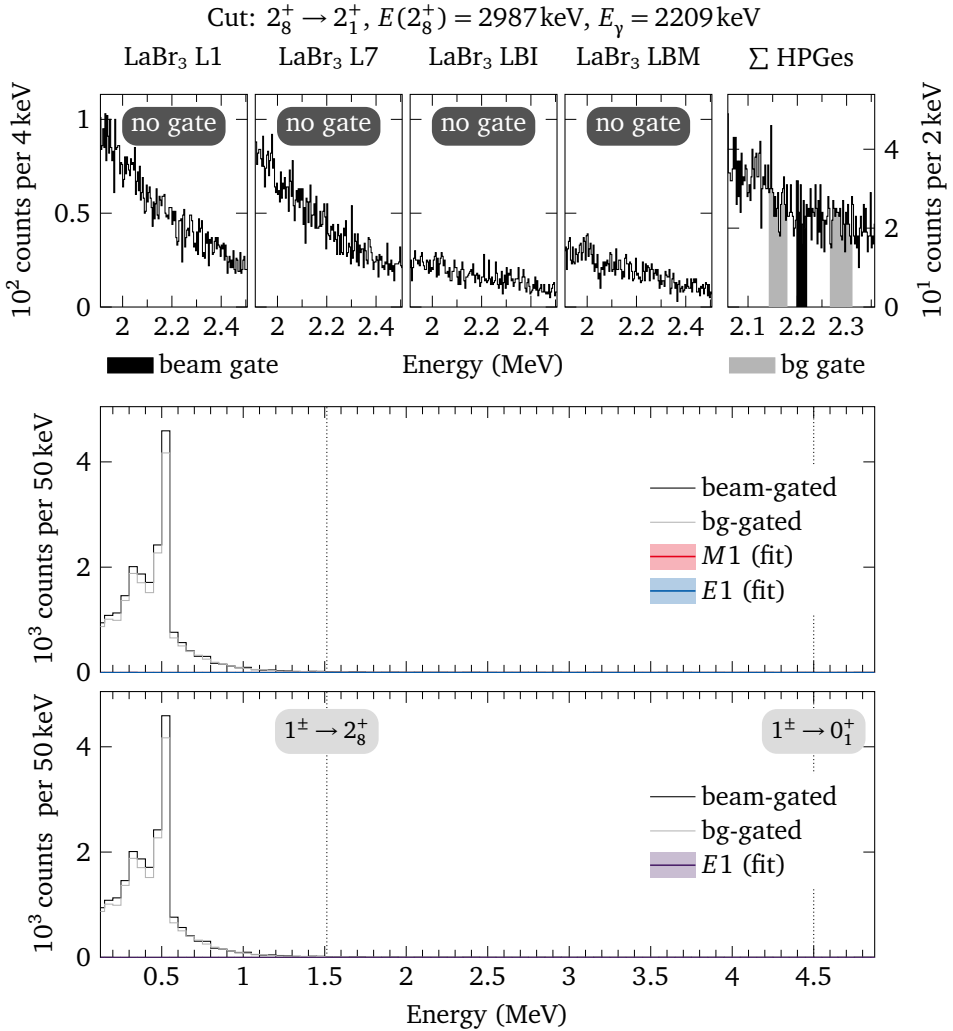


Figure 1.87: $E_{\text{beam}} = 4500 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

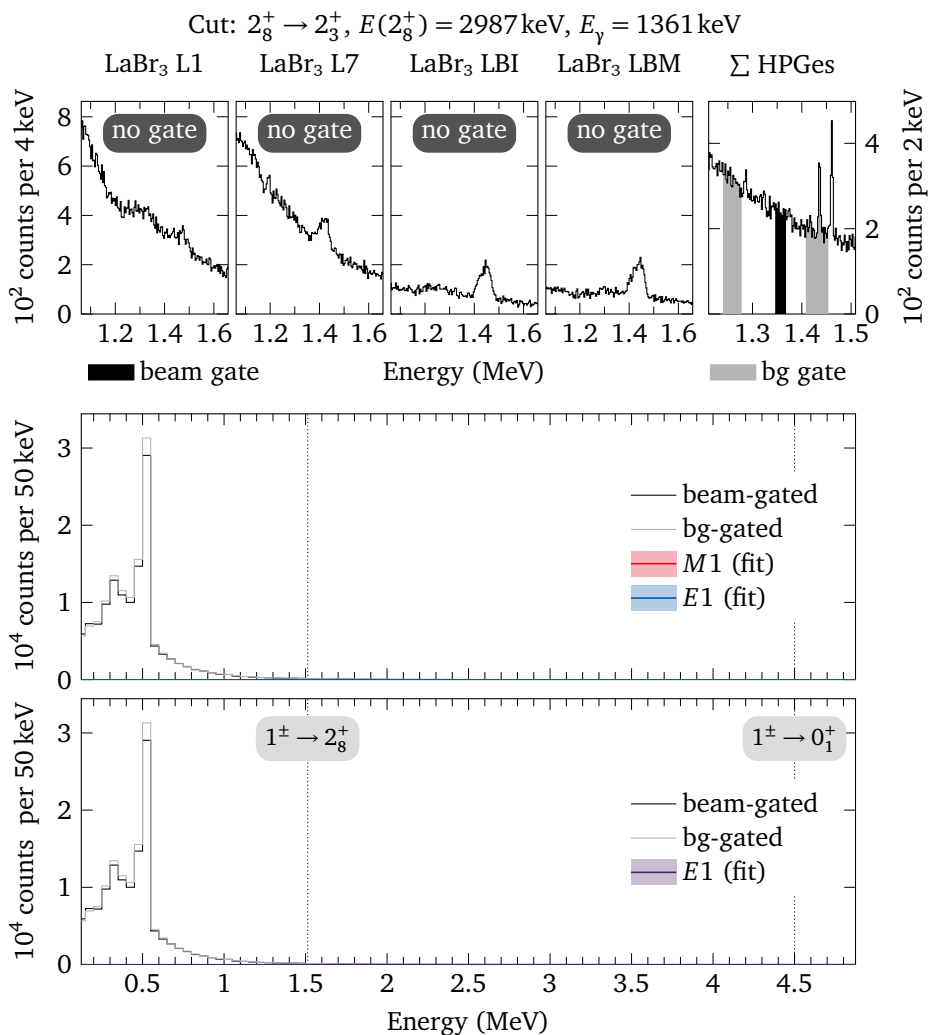


Figure 1.88: $E_{\text{beam}} = 4500 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

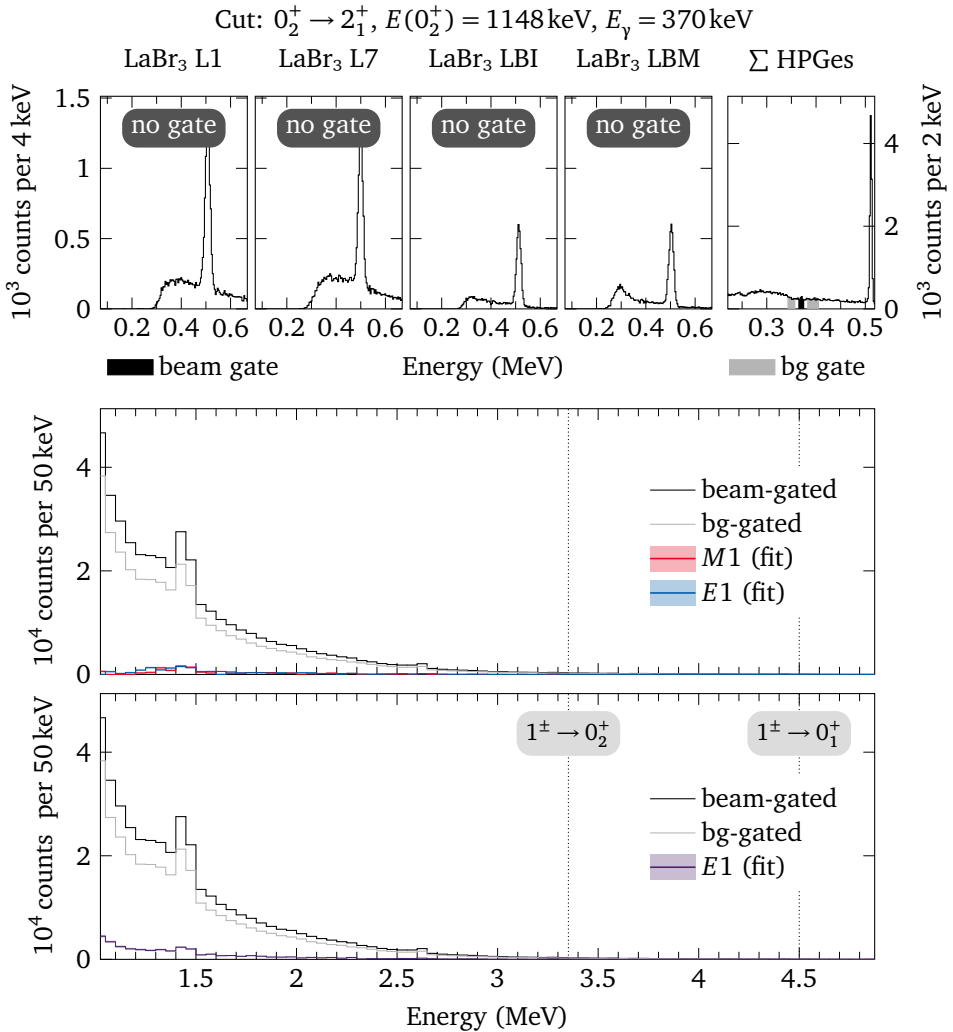


Figure 1.89: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

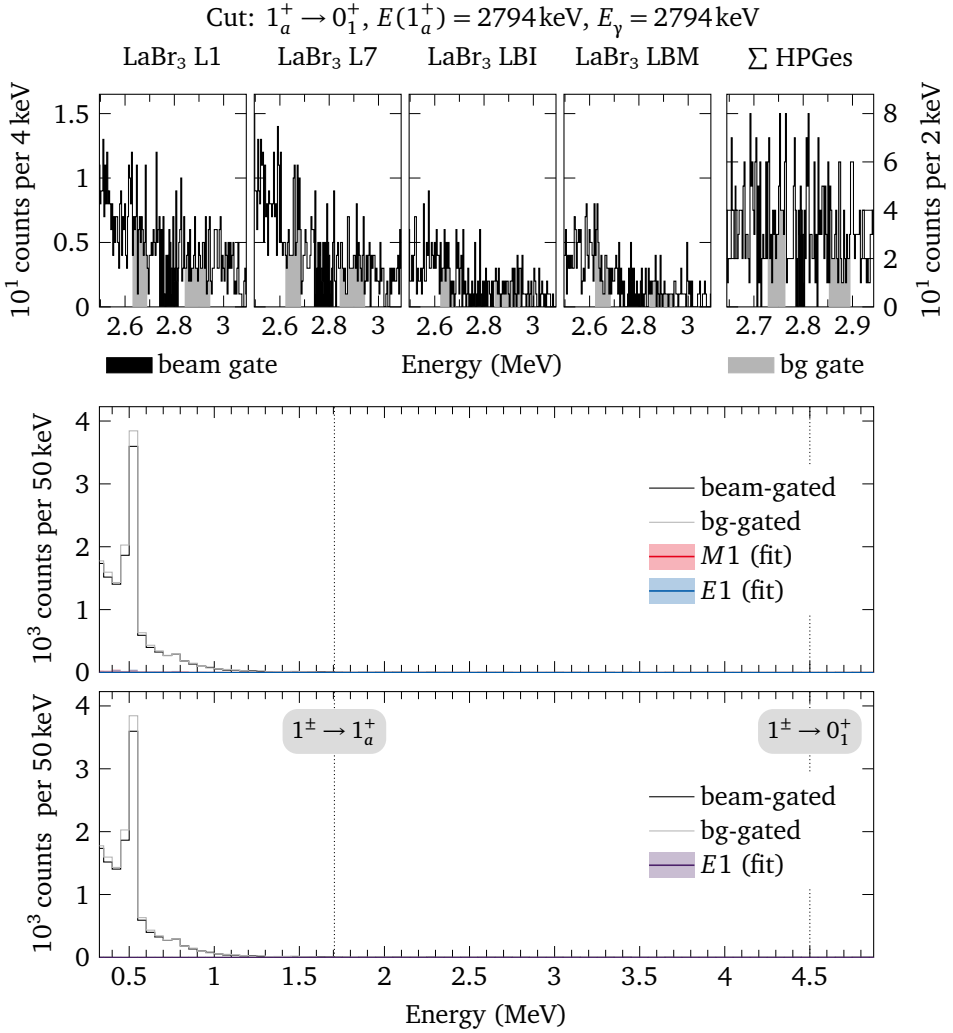


Figure 1.90: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

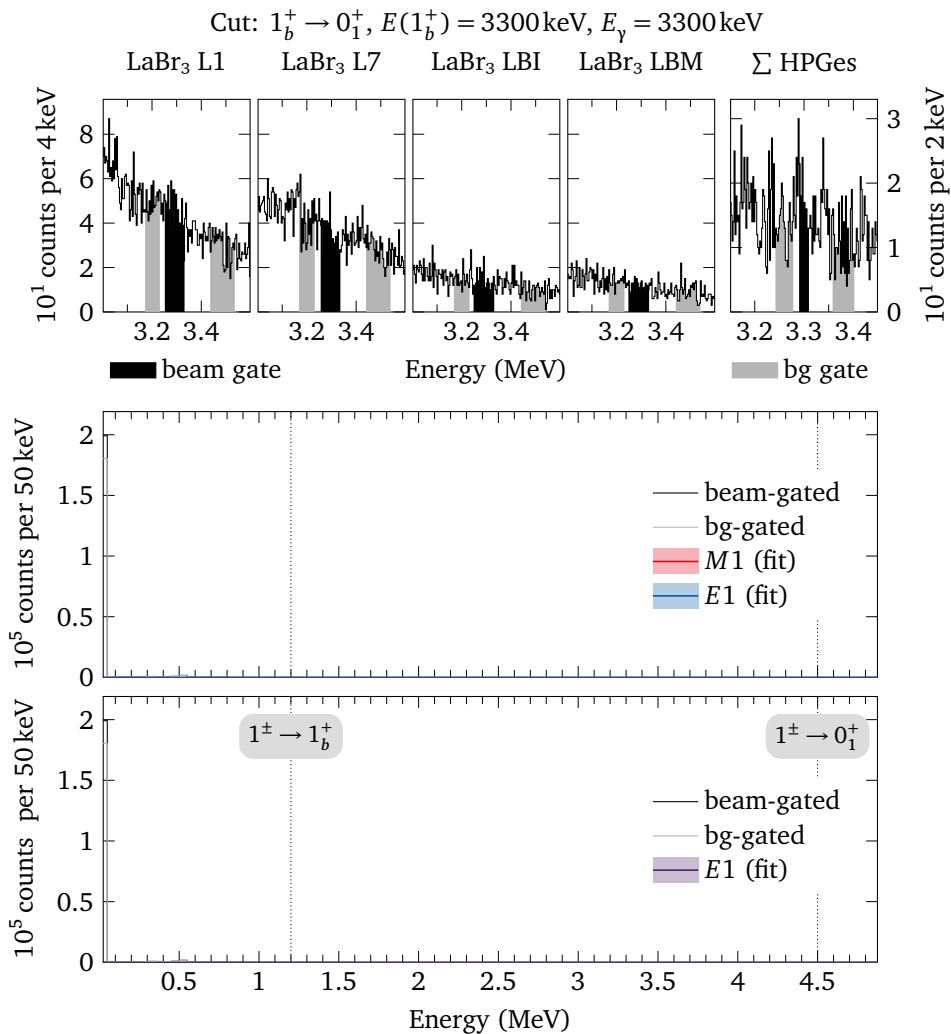


Figure 1.91: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

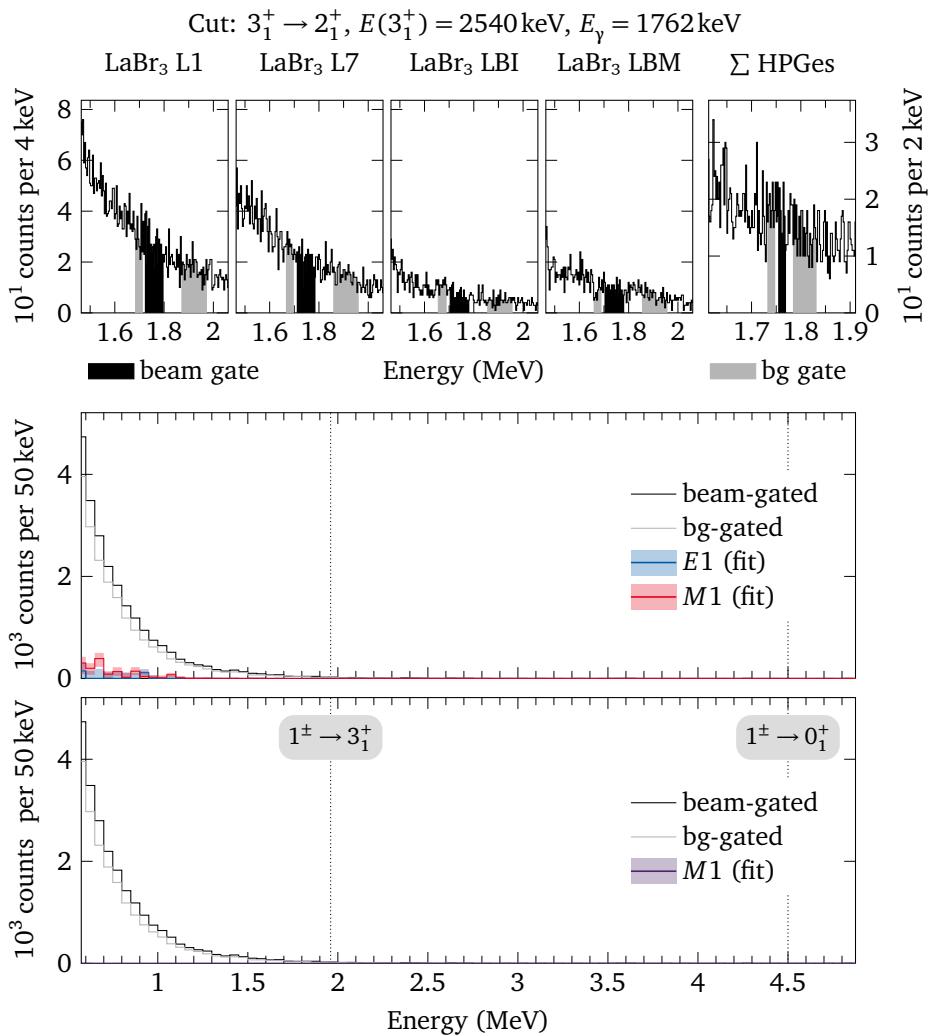


Figure 1.92: $E_{\text{beam}} = 4500 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

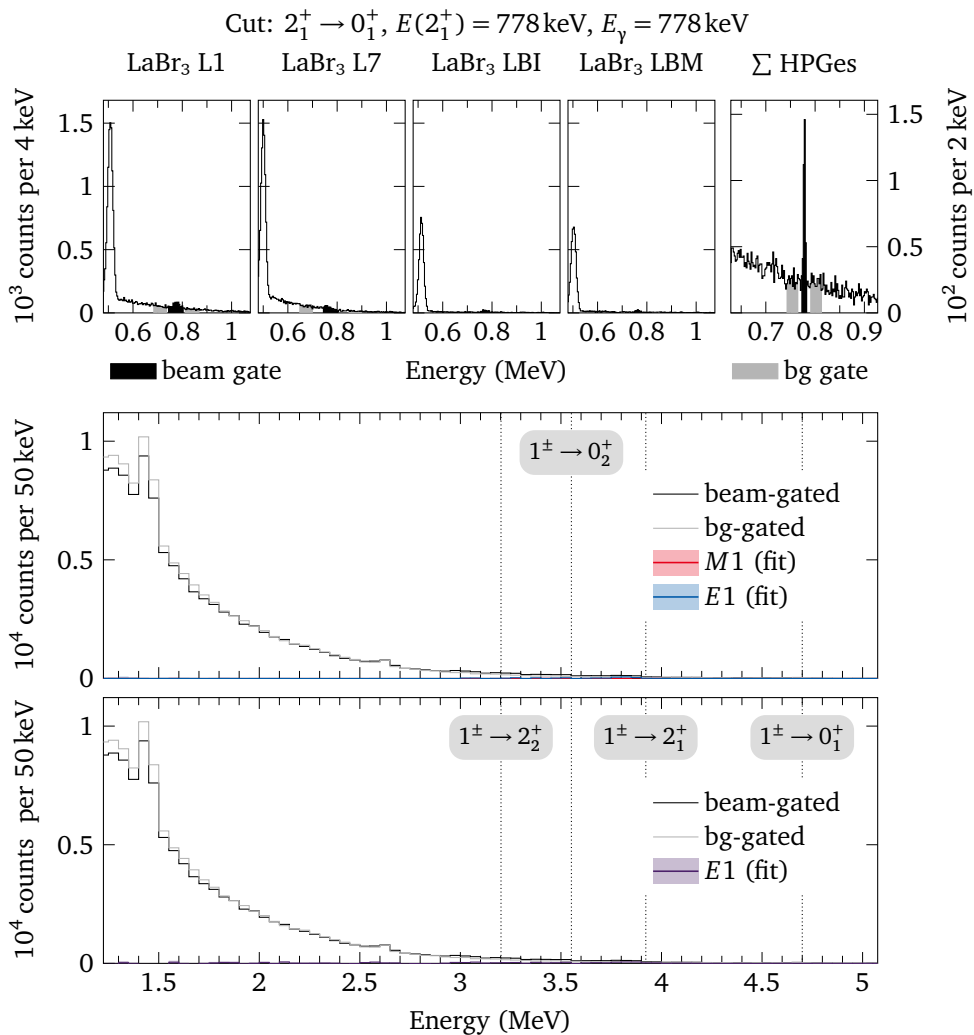


Figure 1.93: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

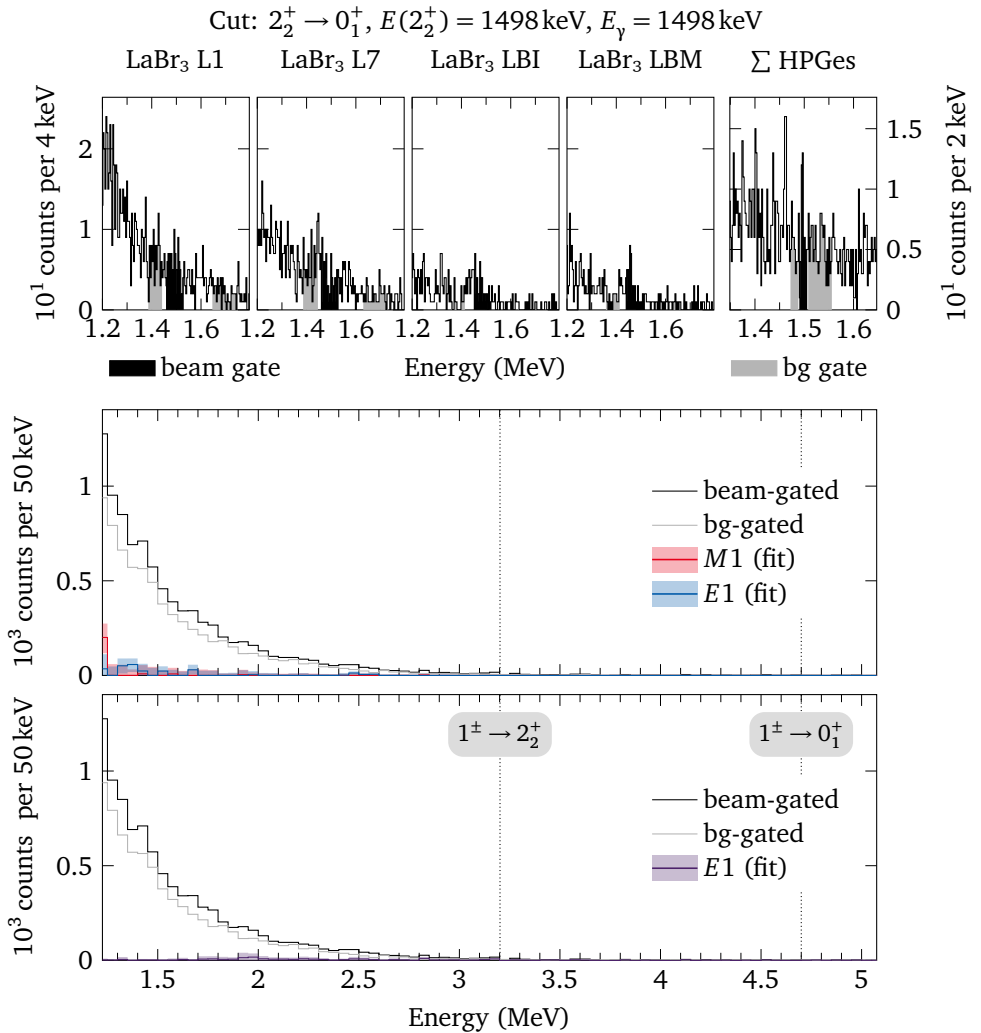


Figure 1.94: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

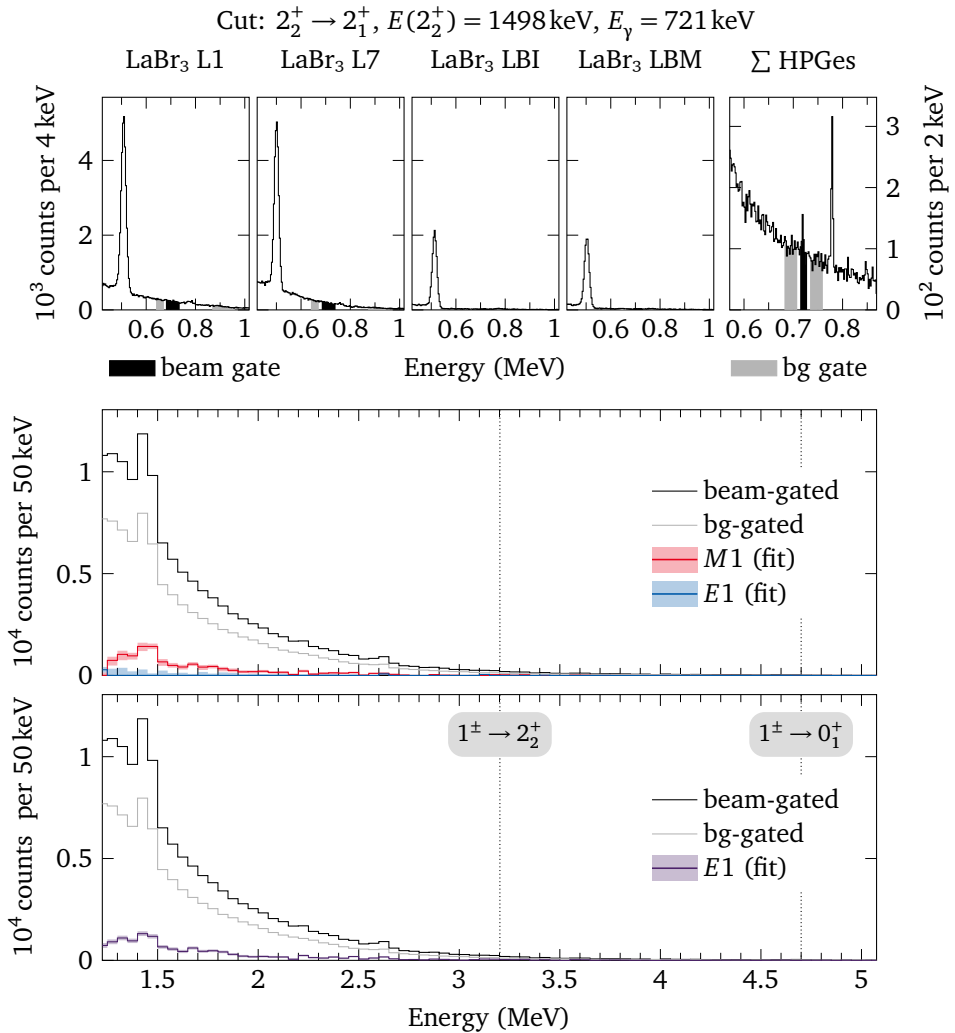


Figure 1.95: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

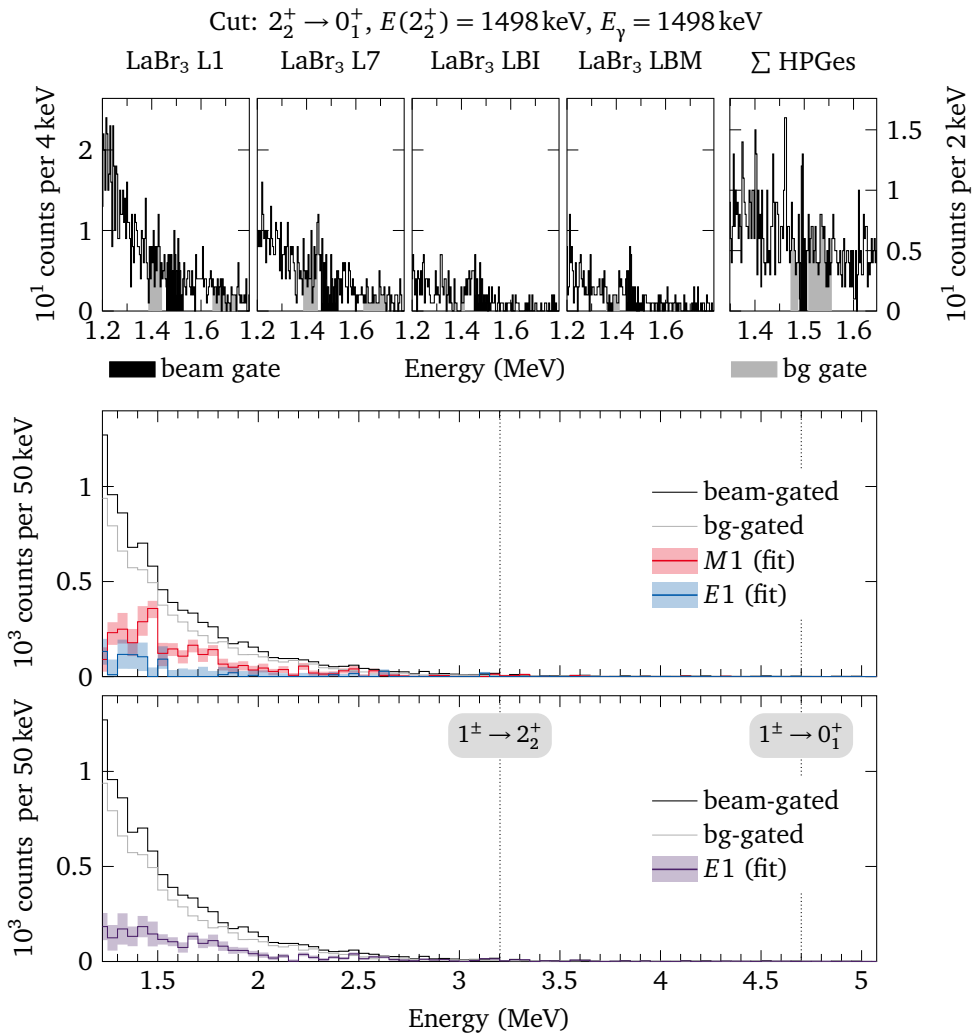


Figure 1.96: $E_{\text{beam}} = 4700 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

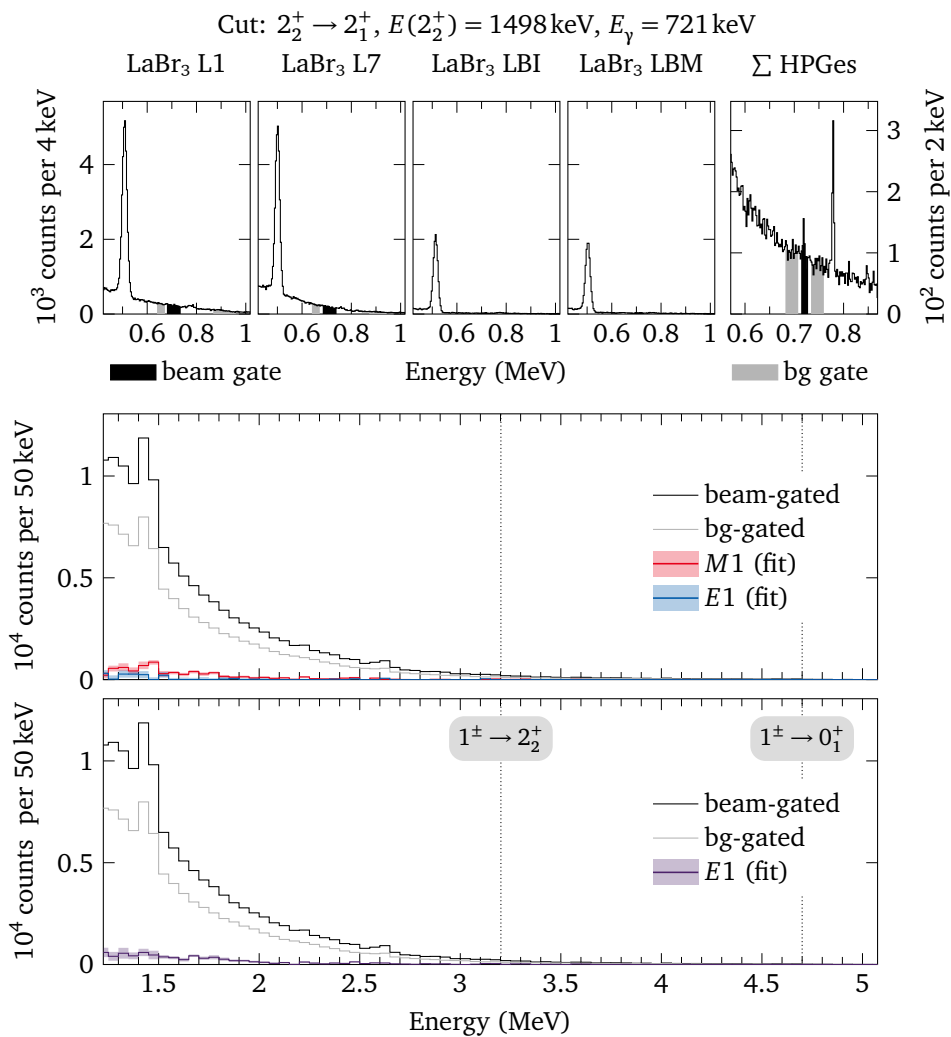


Figure 1.97: $E_{\text{beam}} = 4700 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

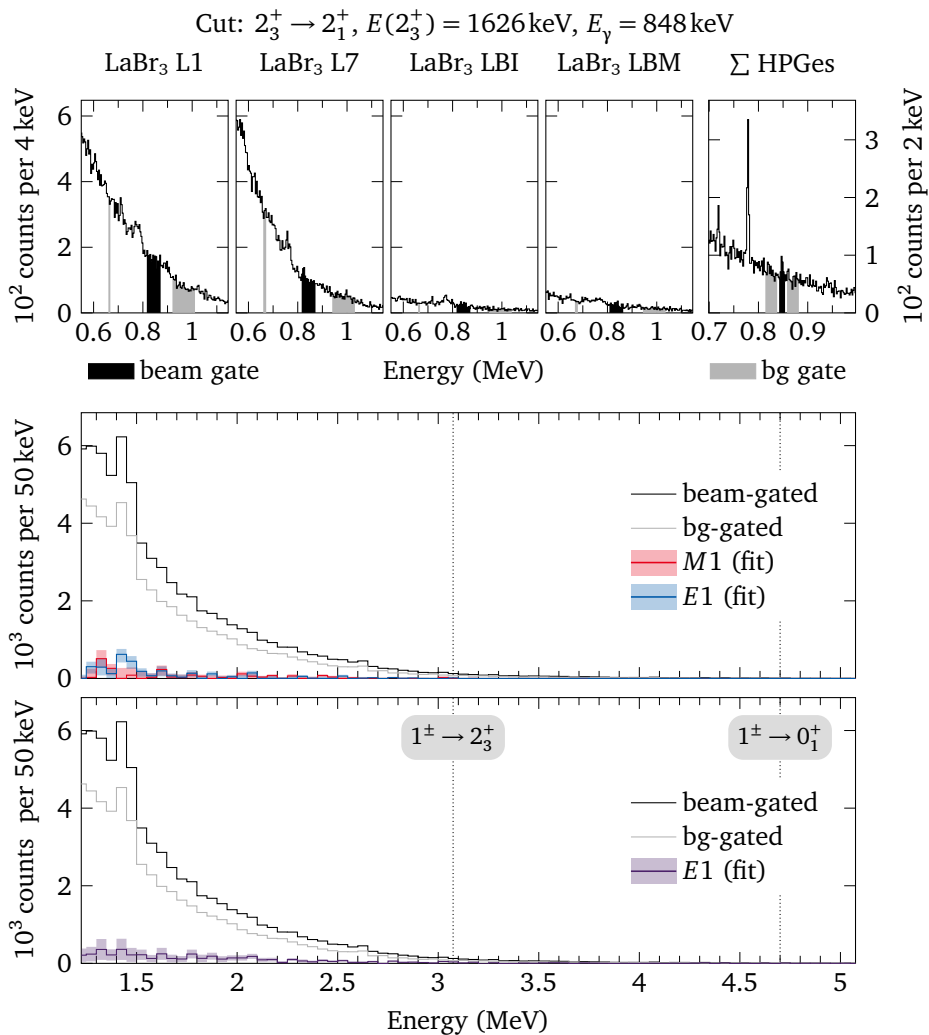


Figure 1.98: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

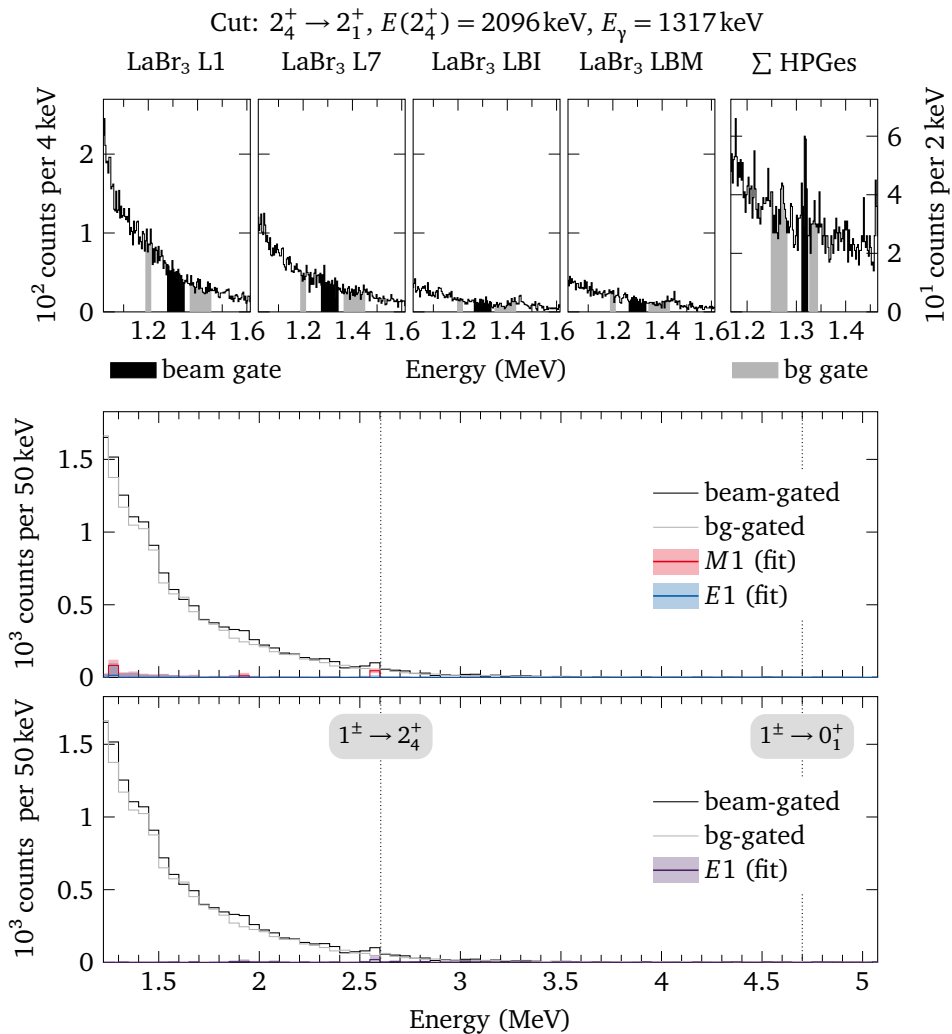


Figure 1.99: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

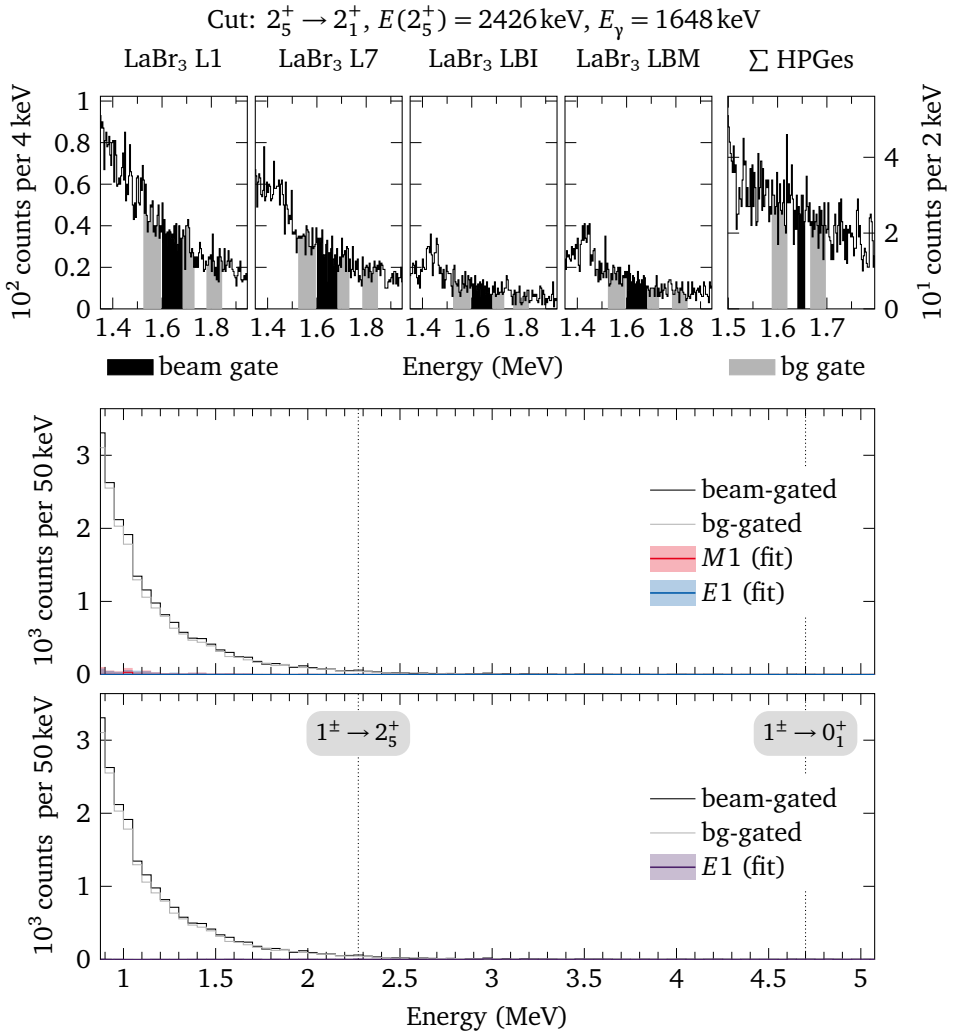


Figure 1.100: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

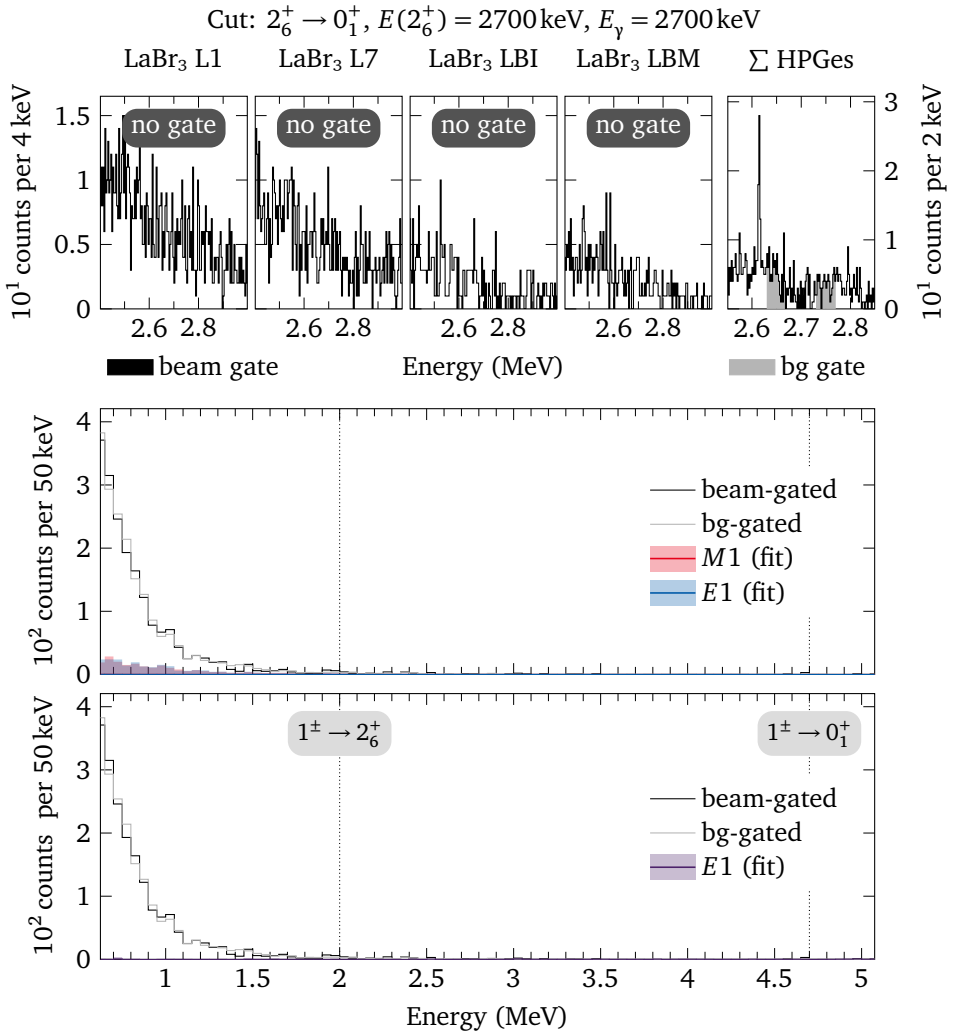


Figure 1.101: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

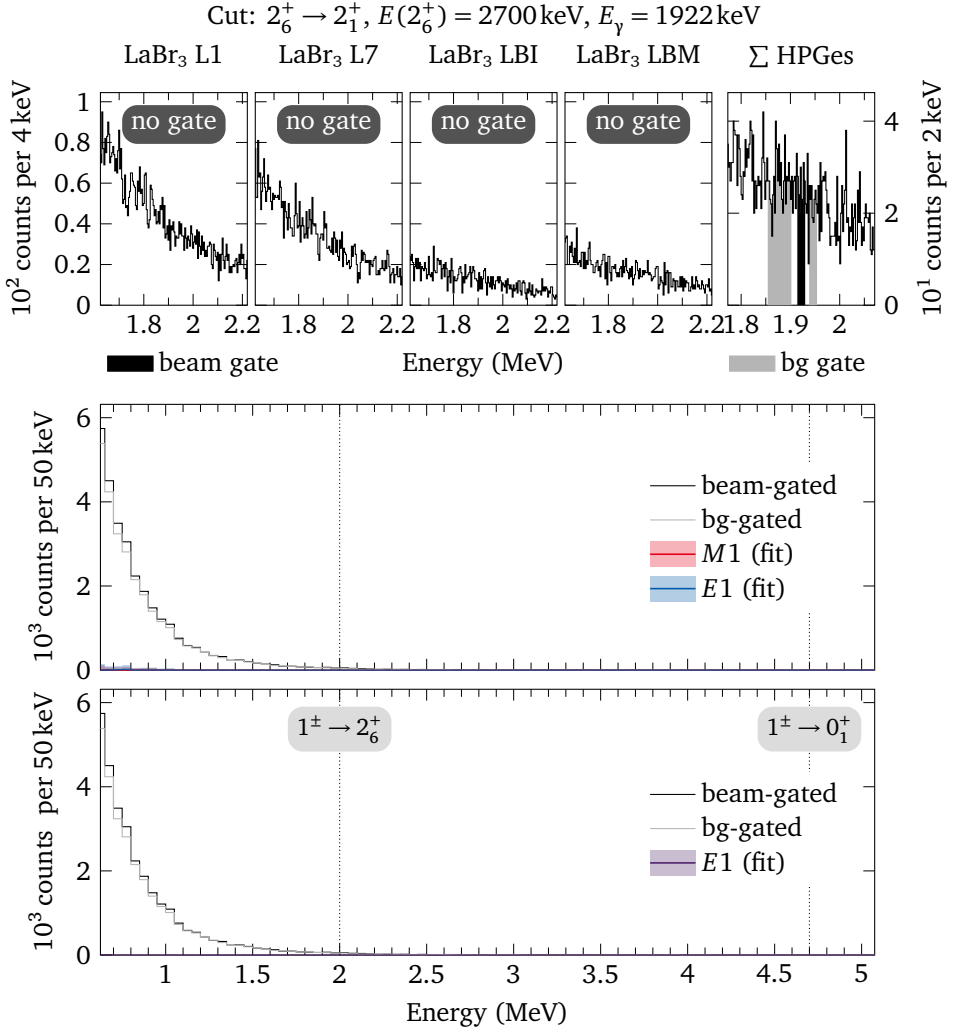


Figure 1.102: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

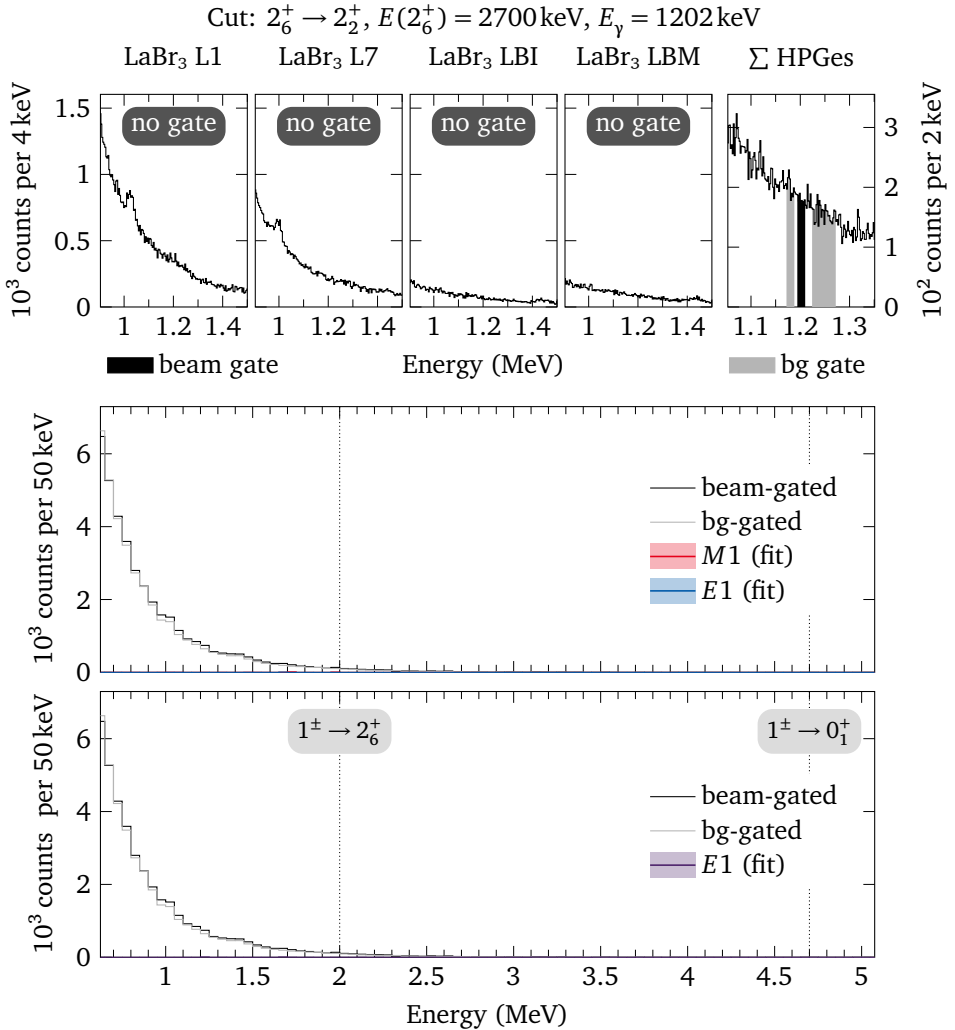


Figure 1.103: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

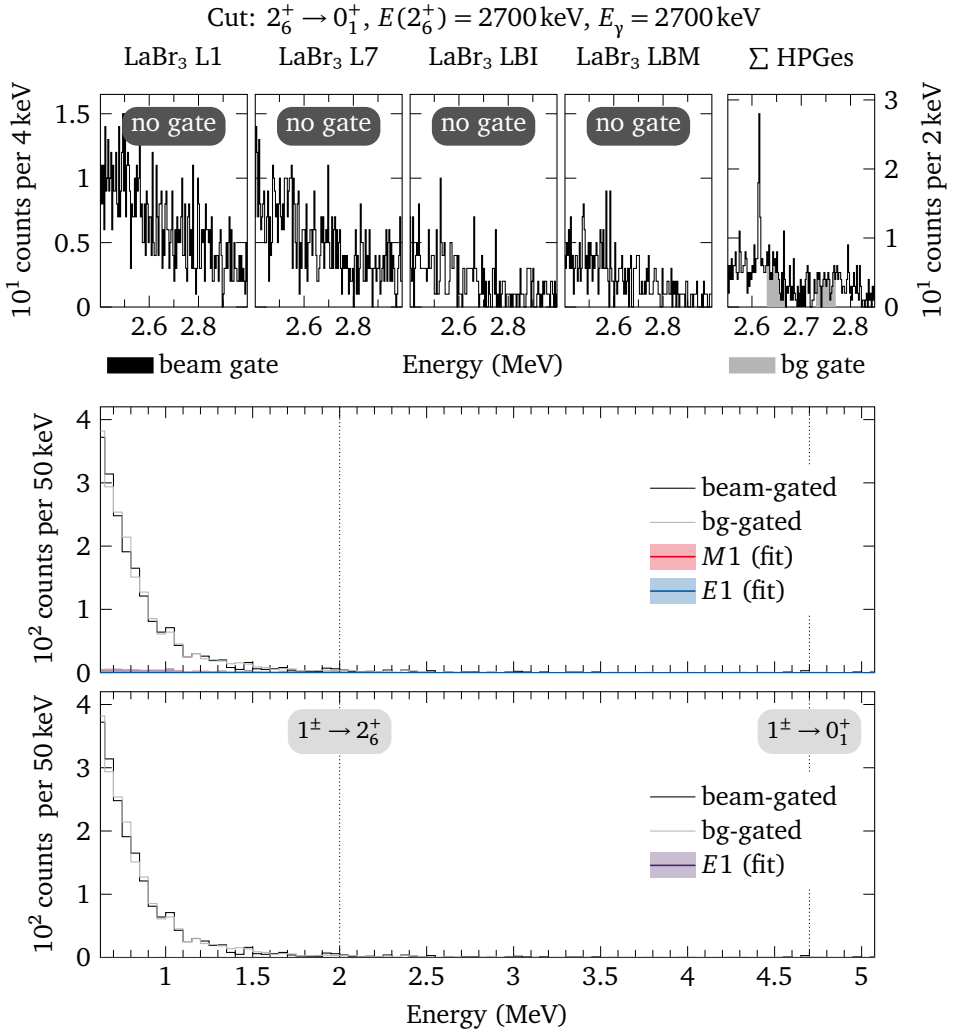


Figure 1.104: $E_{\text{beam}} = 4700\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

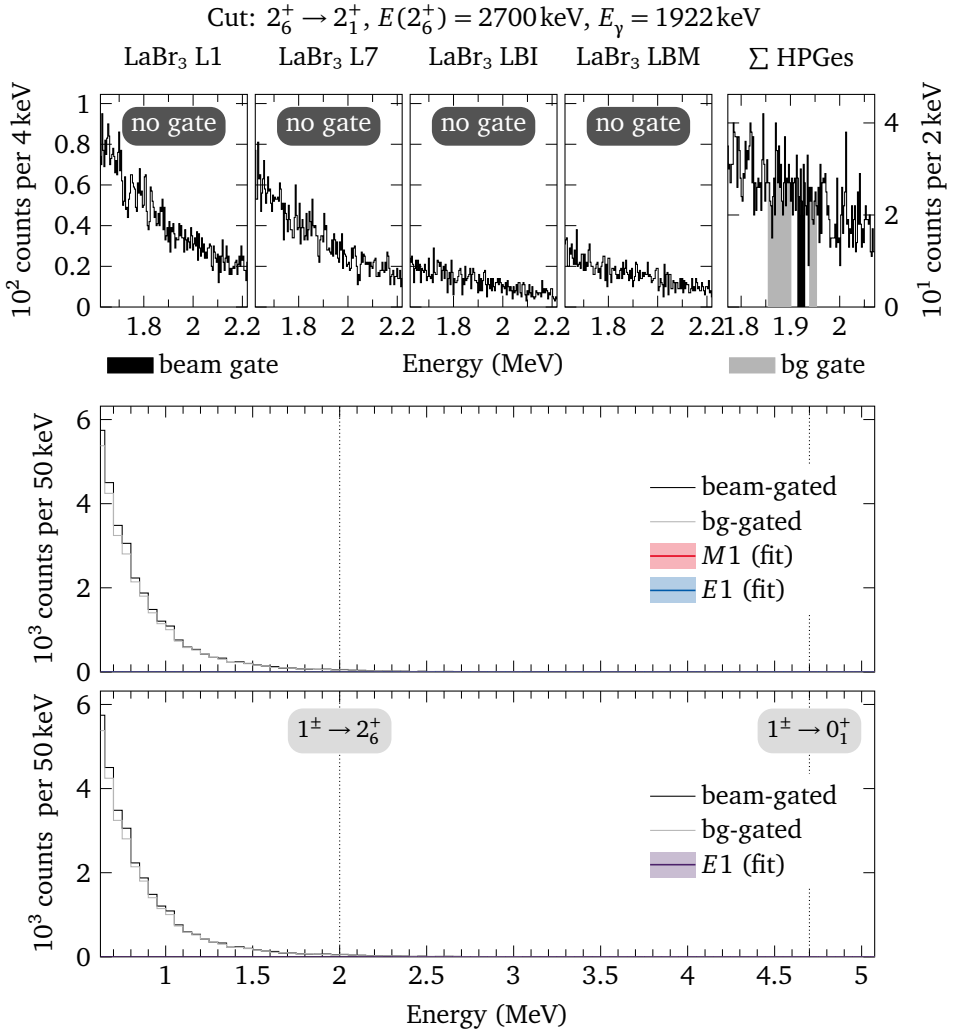


Figure 1.105: $E_{\text{beam}} = 4700\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

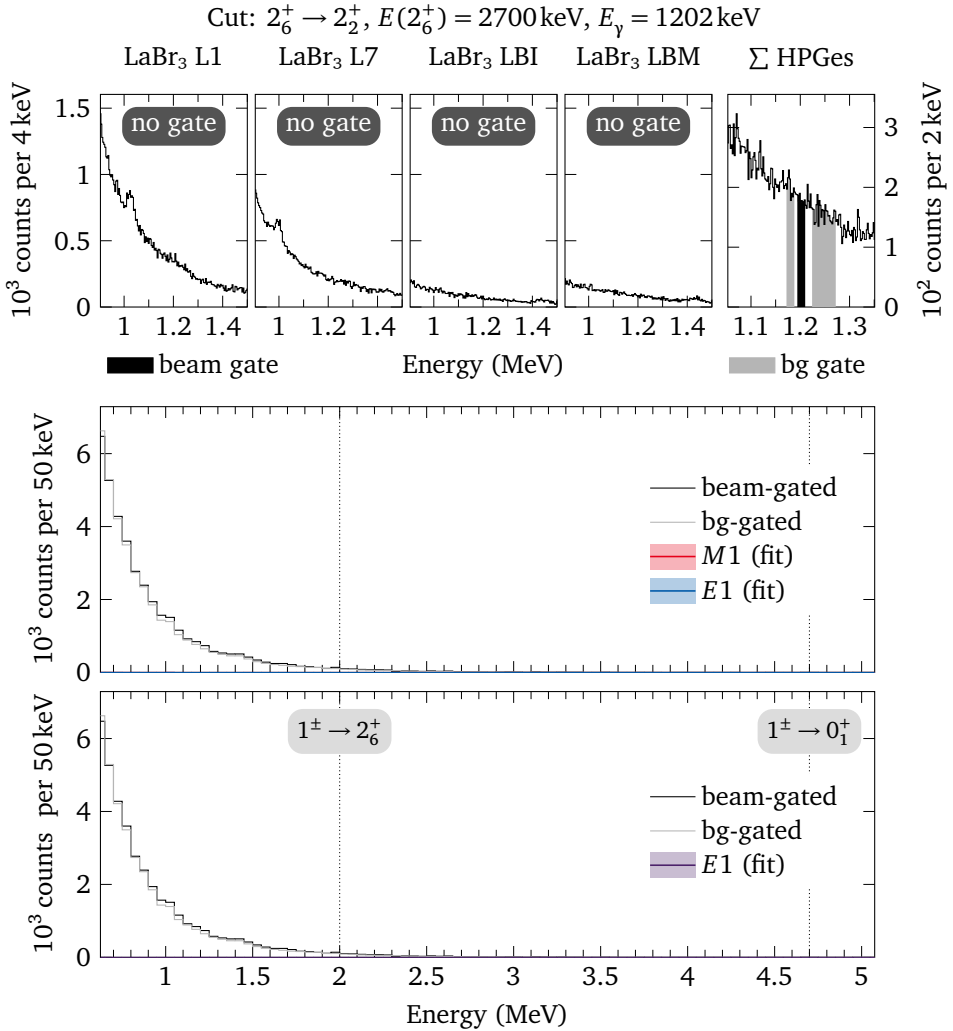


Figure 1.106: $E_{\text{beam}} = 4700\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

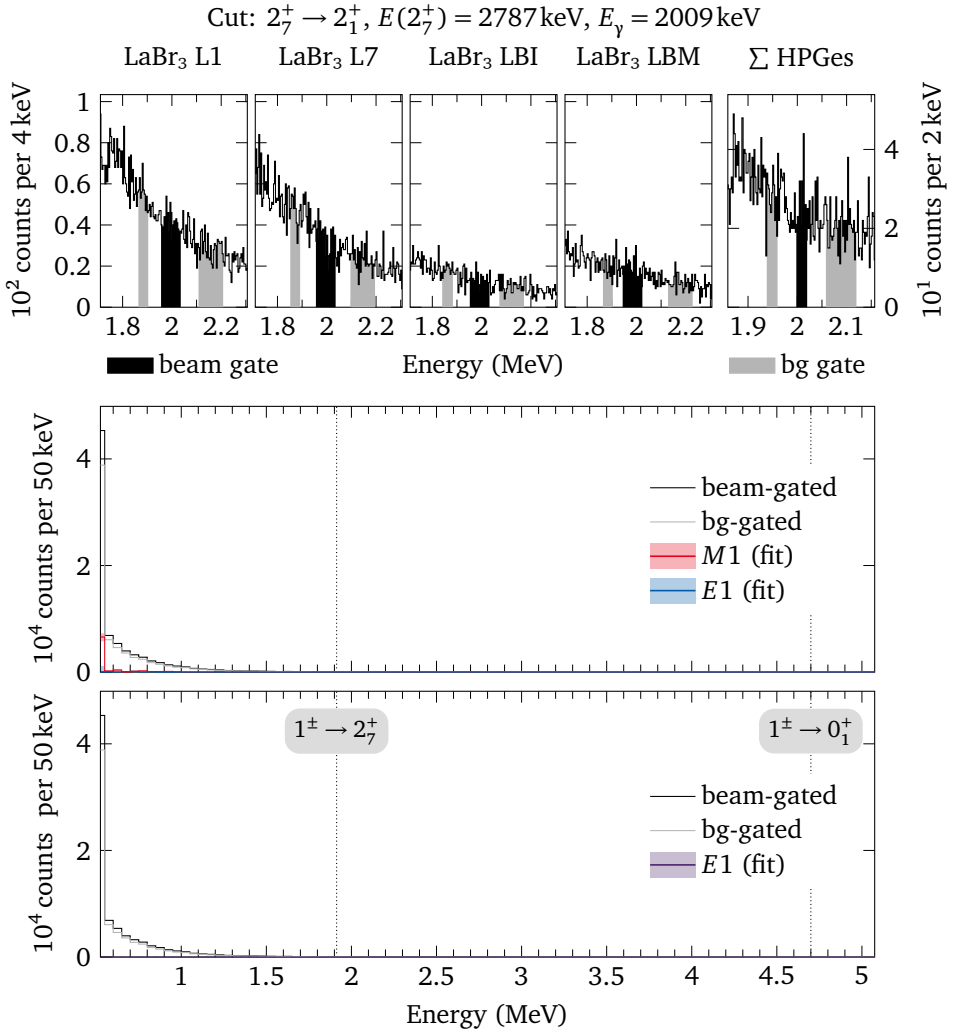


Figure 1.107: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

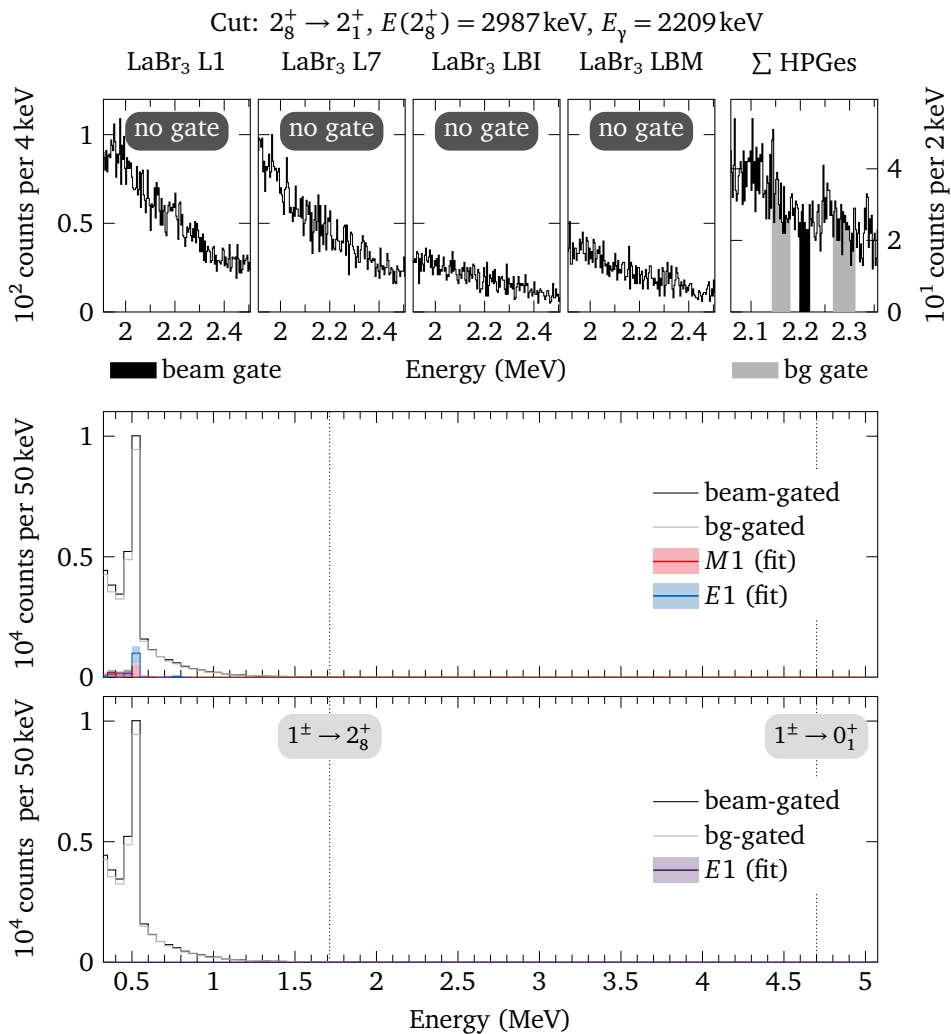


Figure 1.108: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

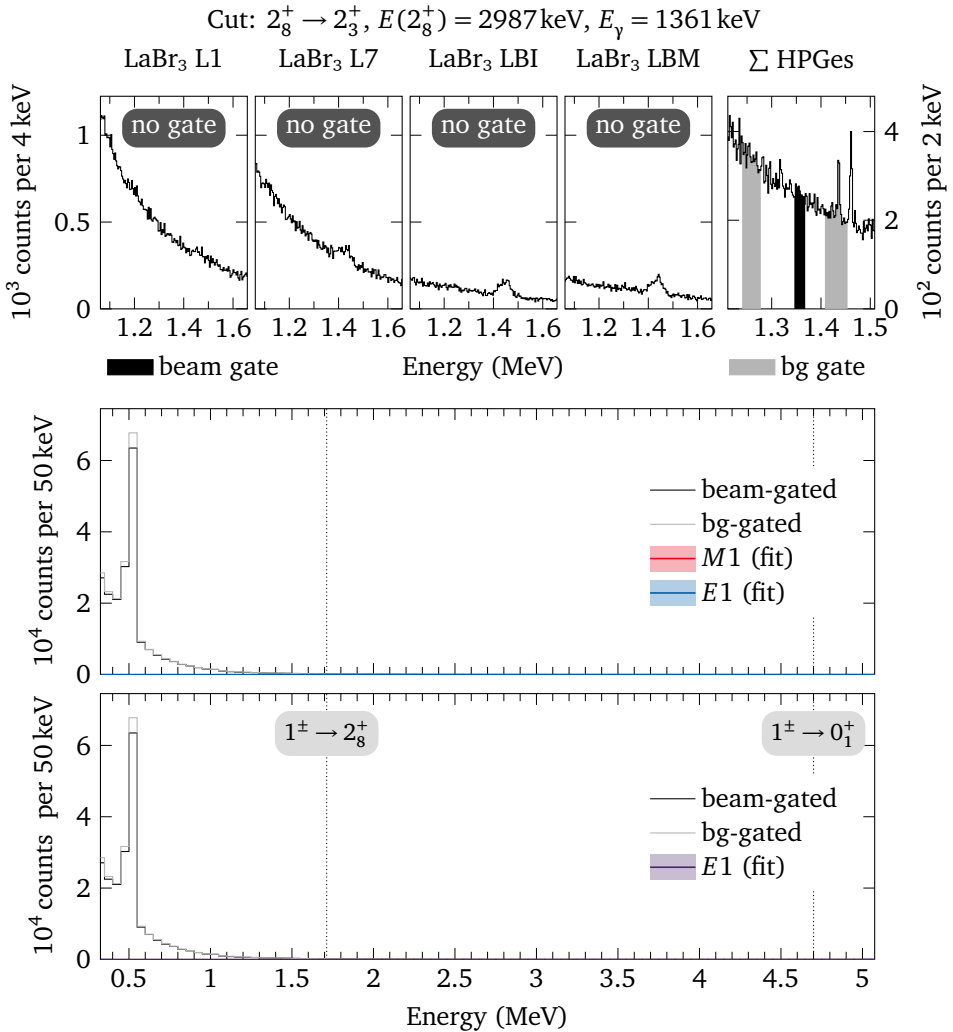


Figure 1.109: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

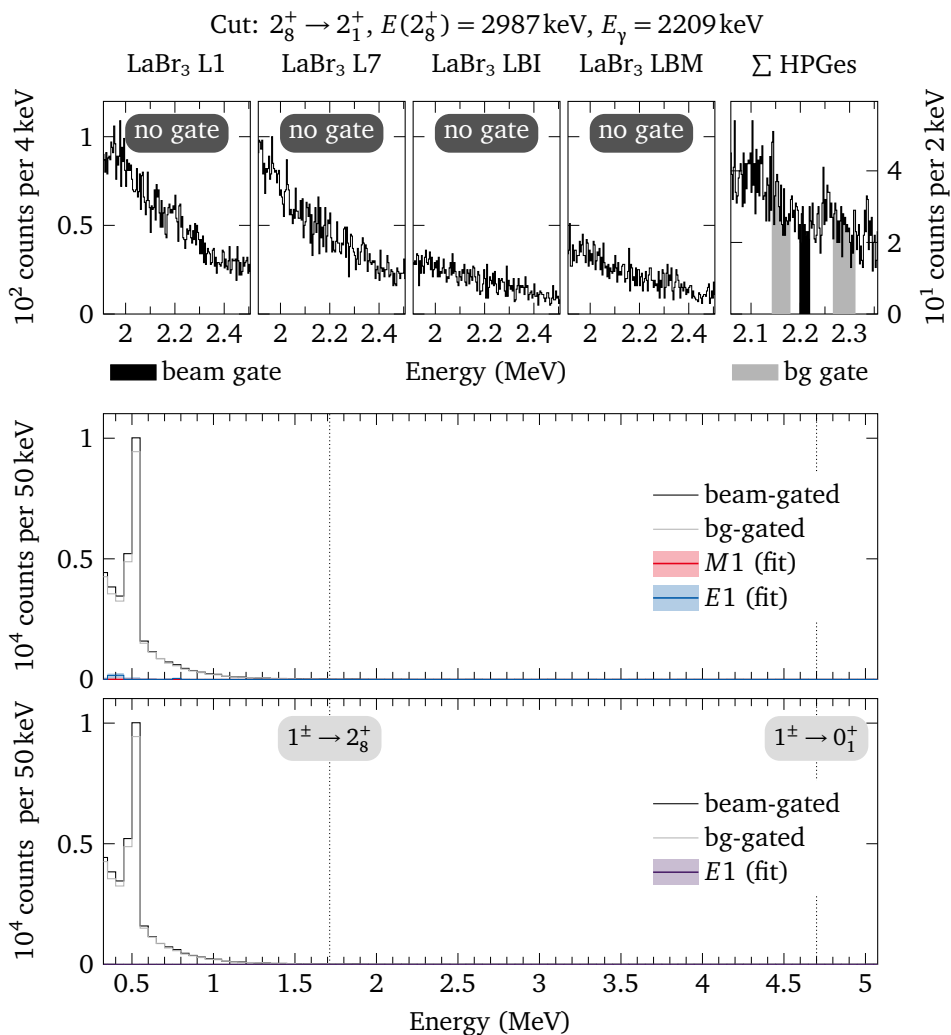


Figure 1.110: $E_{\text{beam}} = 4700 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

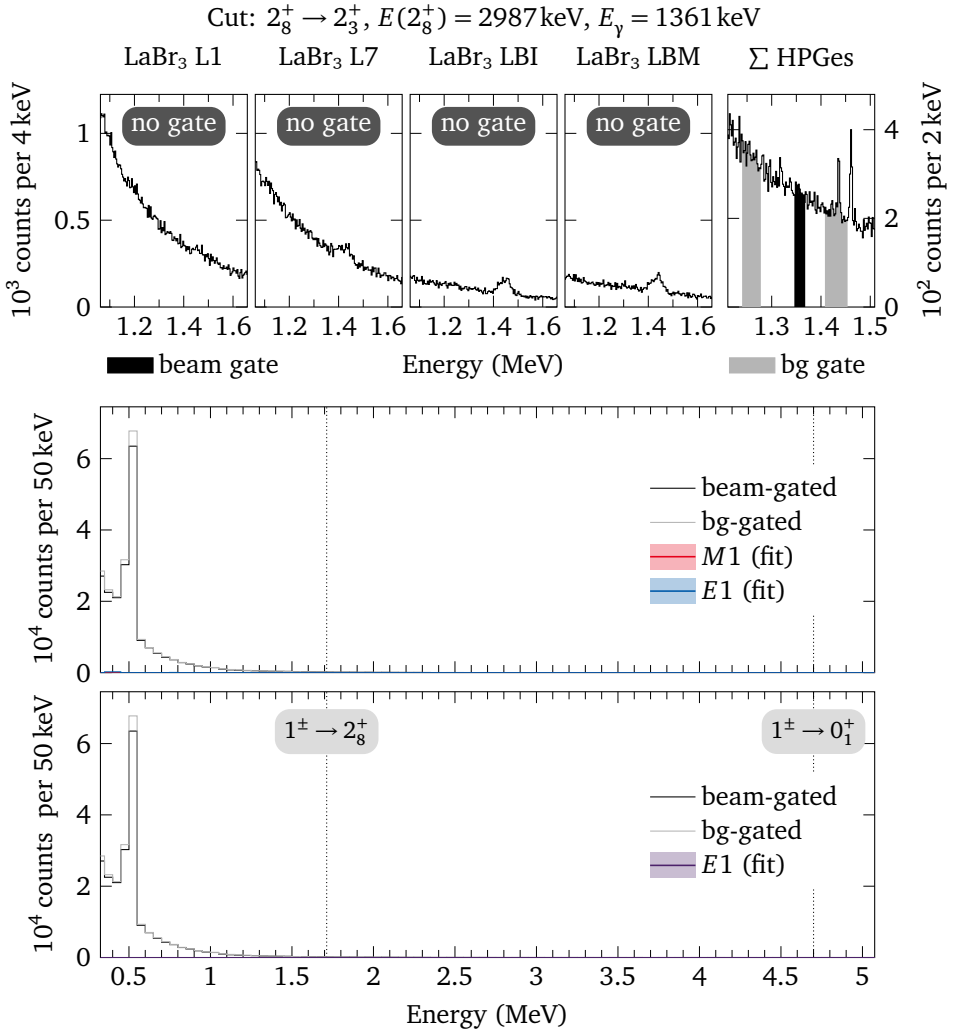


Figure 1.111: $E_{\text{beam}} = 4700 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

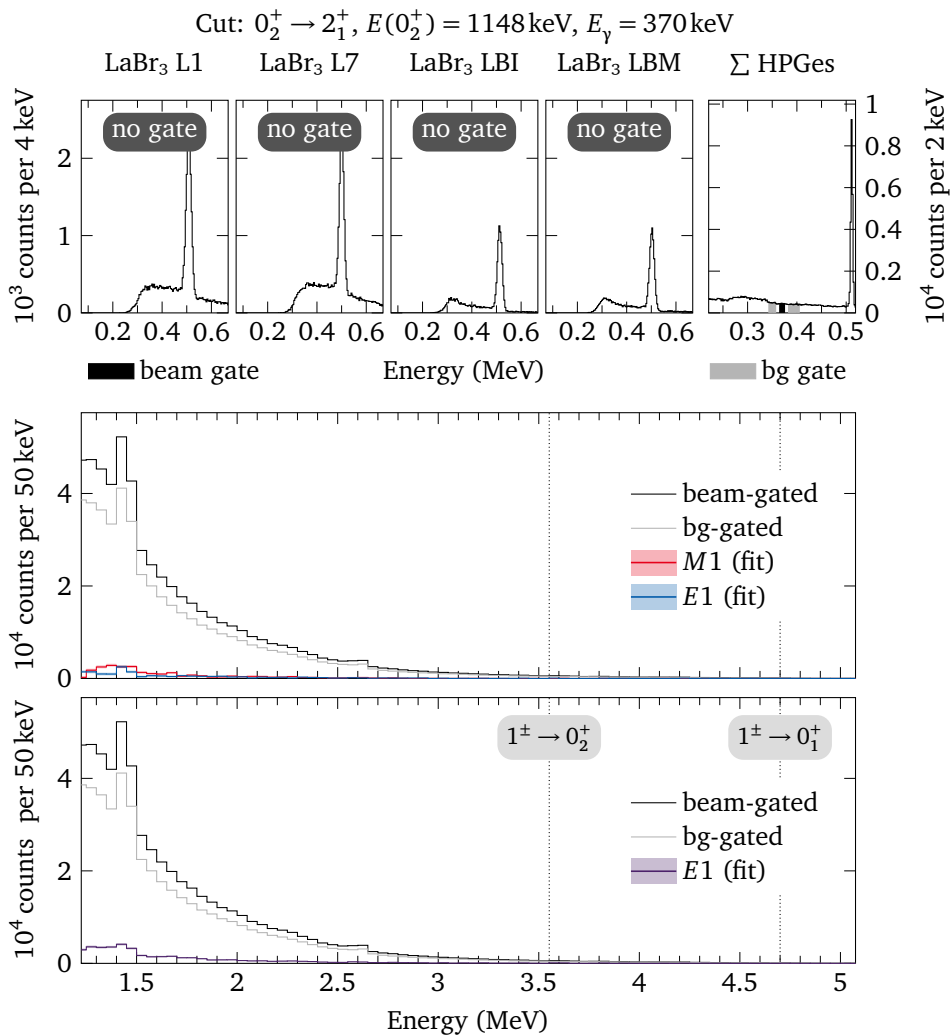


Figure 1.112: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

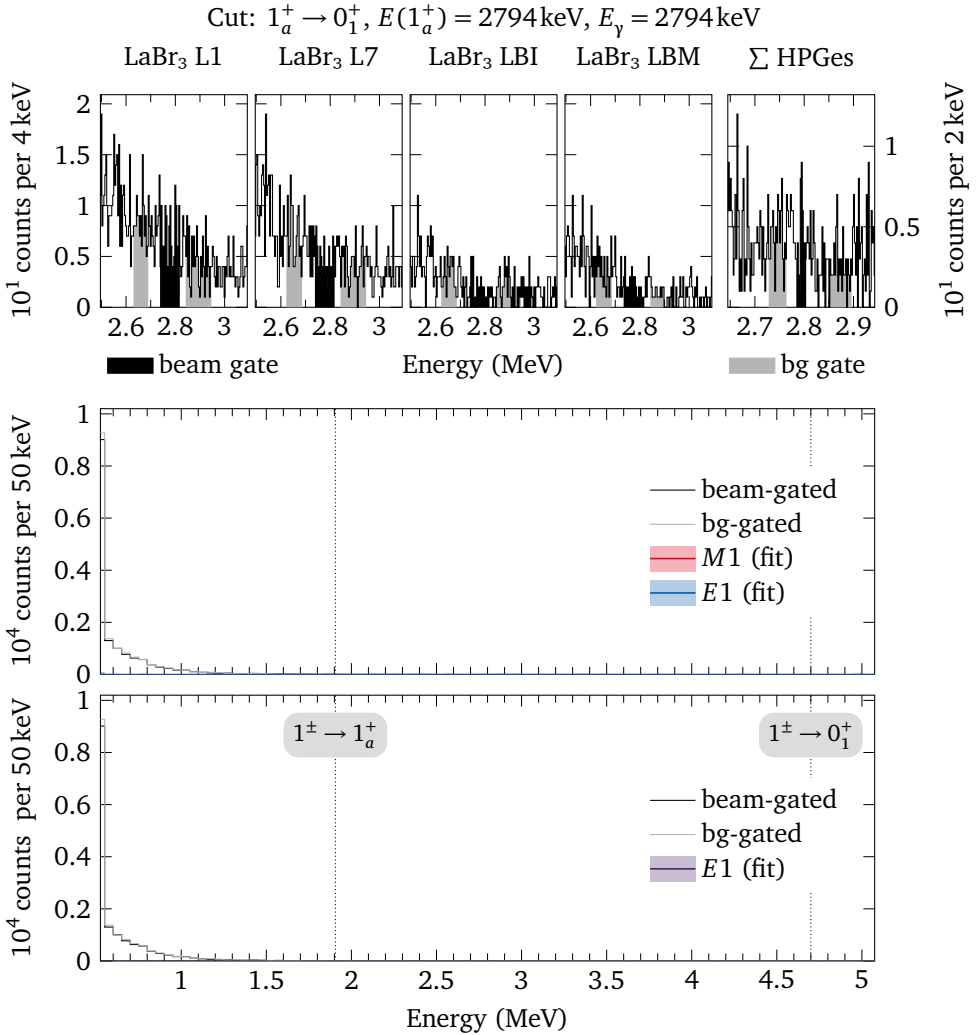


Figure 1.113: $E_{\text{beam}} = 4700\text{keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

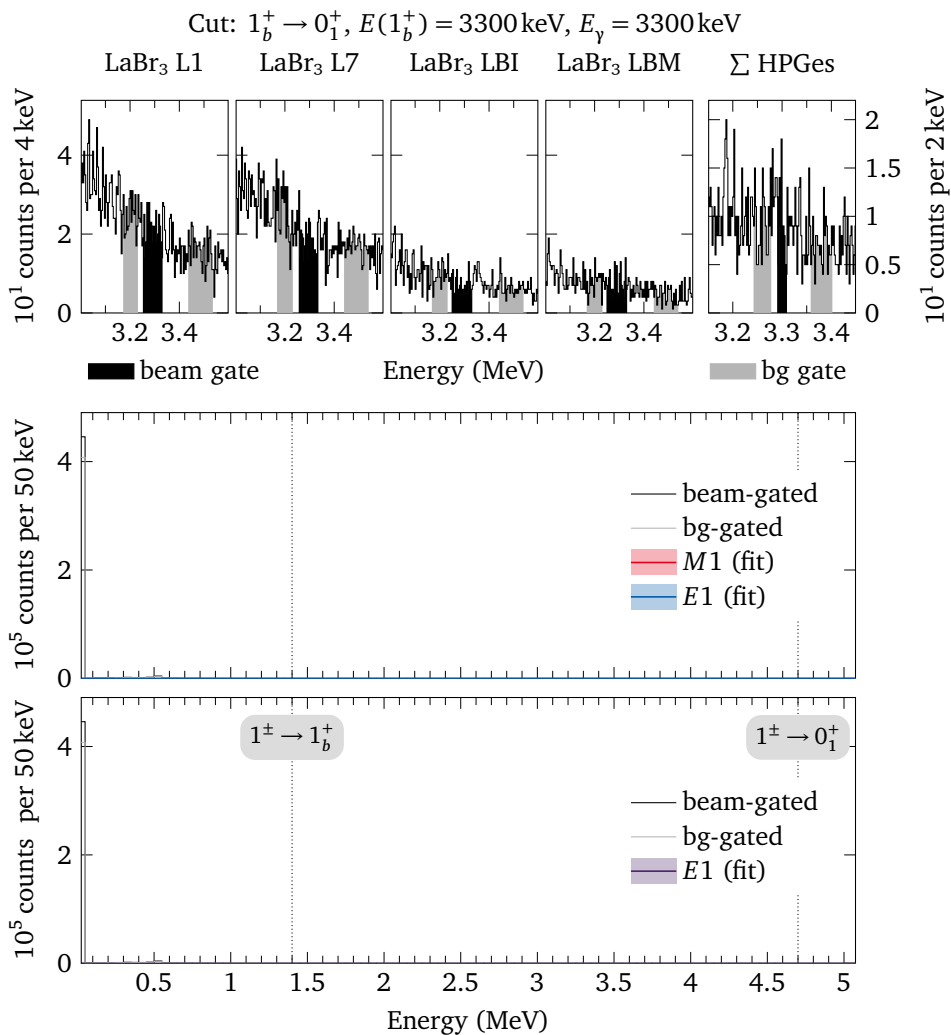


Figure 1.114: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

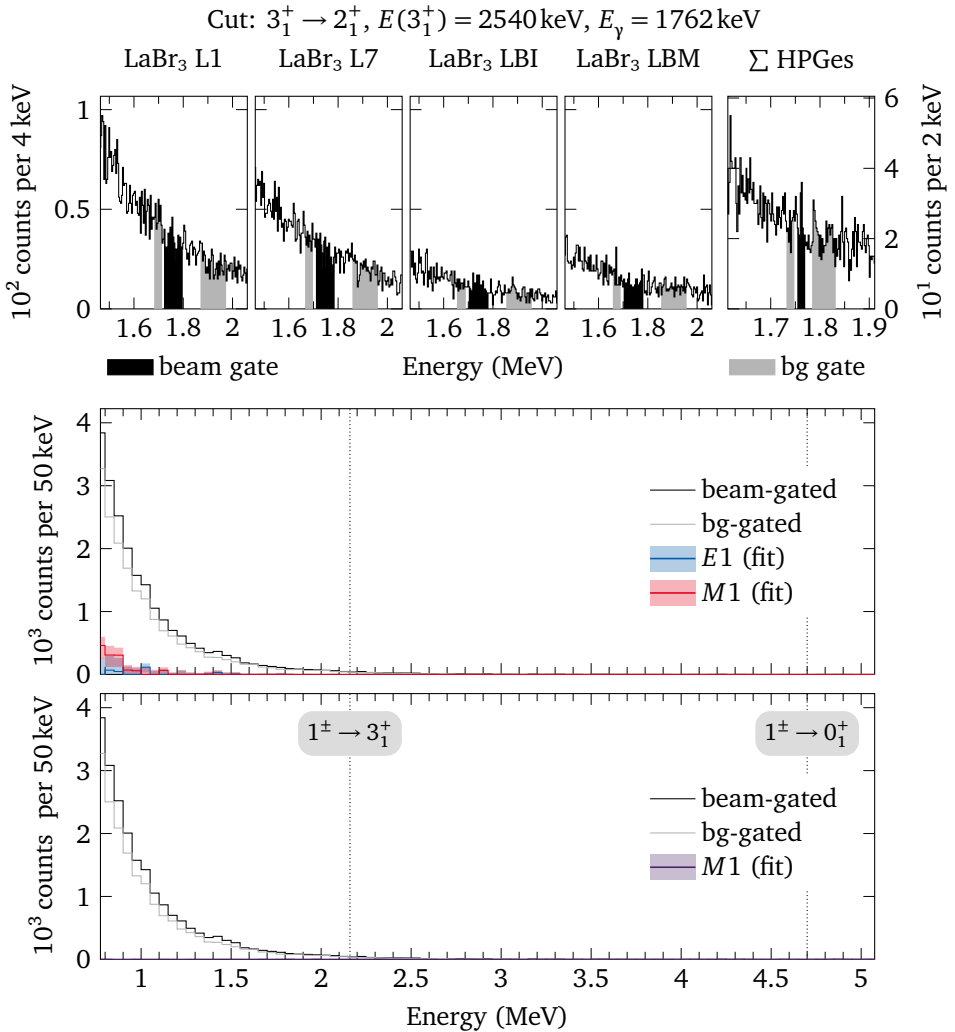


Figure 1.115: $E_{\text{beam}} = 4700 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

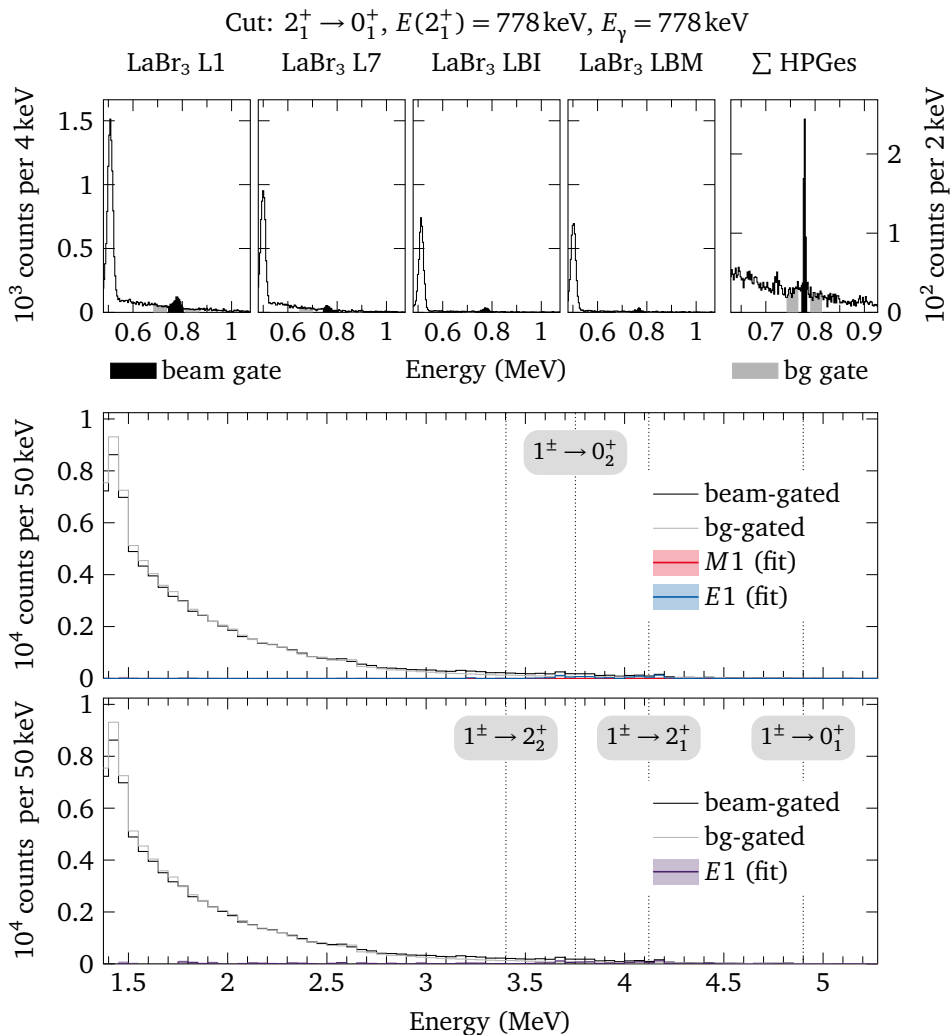


Figure 1.116: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

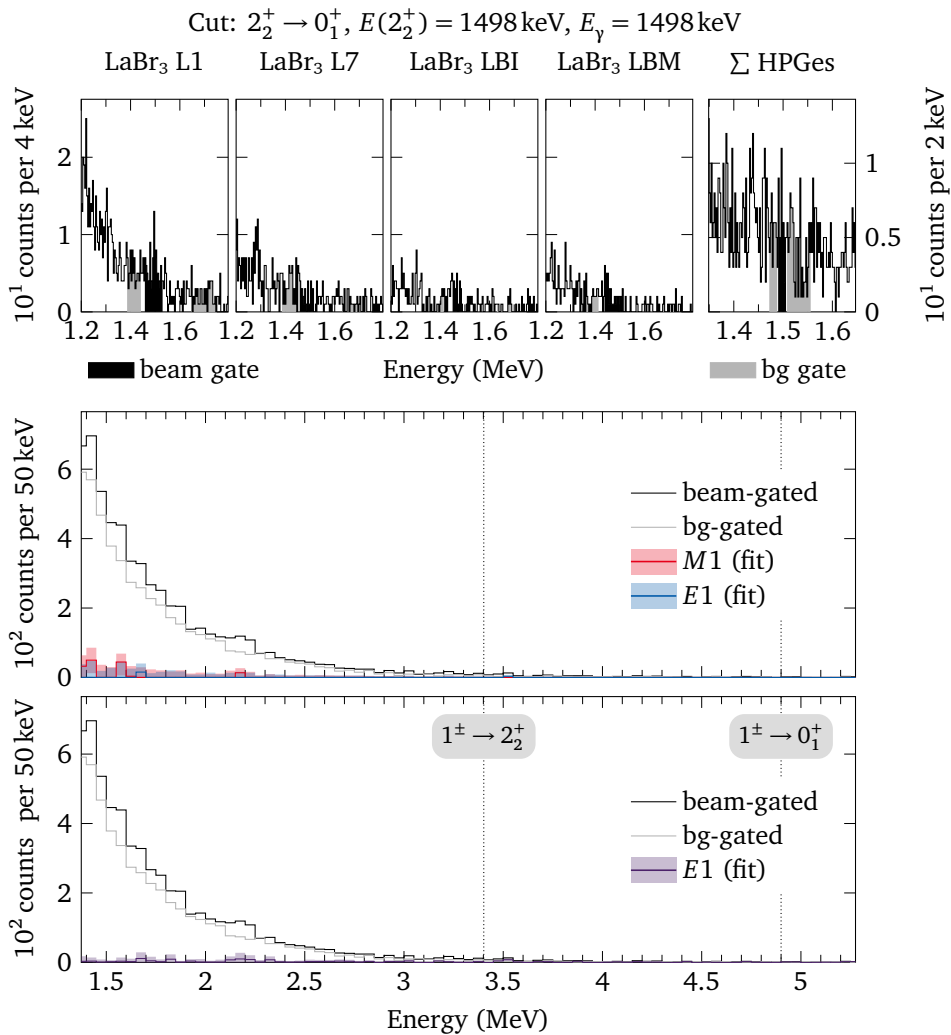


Figure 1.117: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

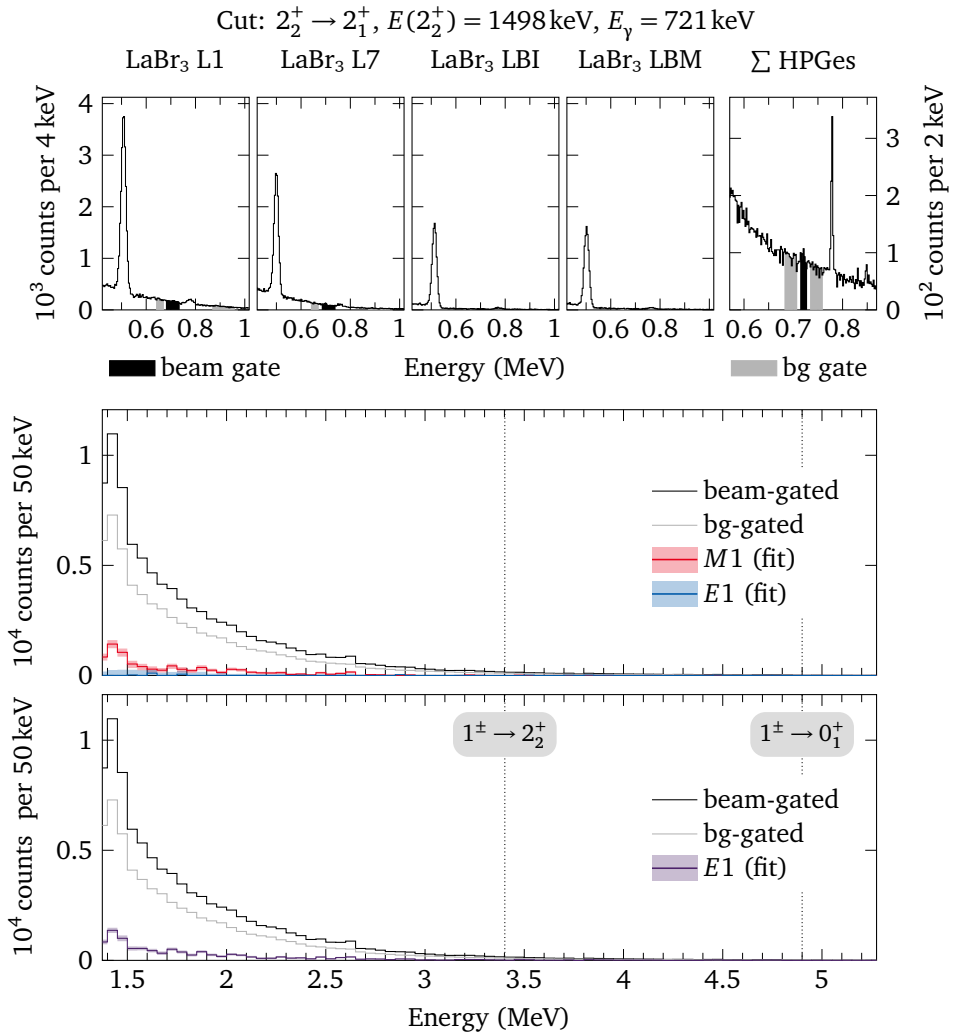


Figure 1.118: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

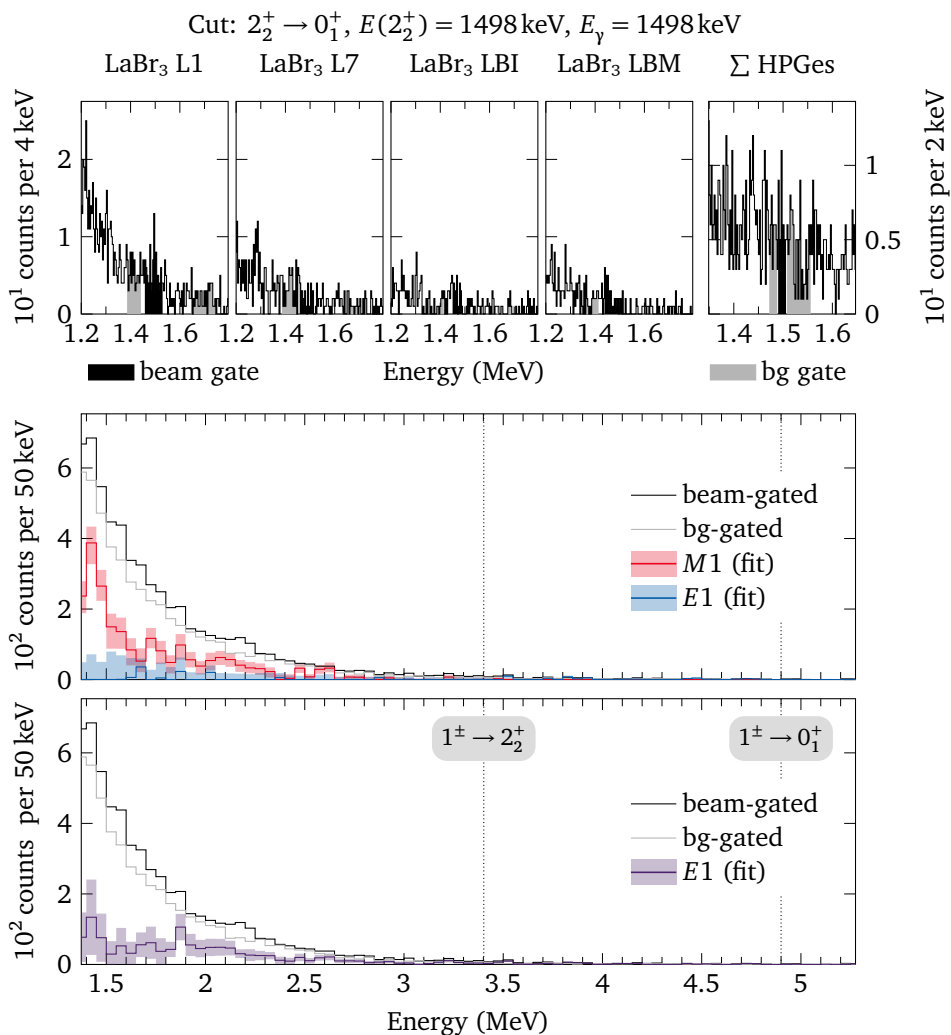


Figure 1.119: $E_{\text{beam}} = 4900 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

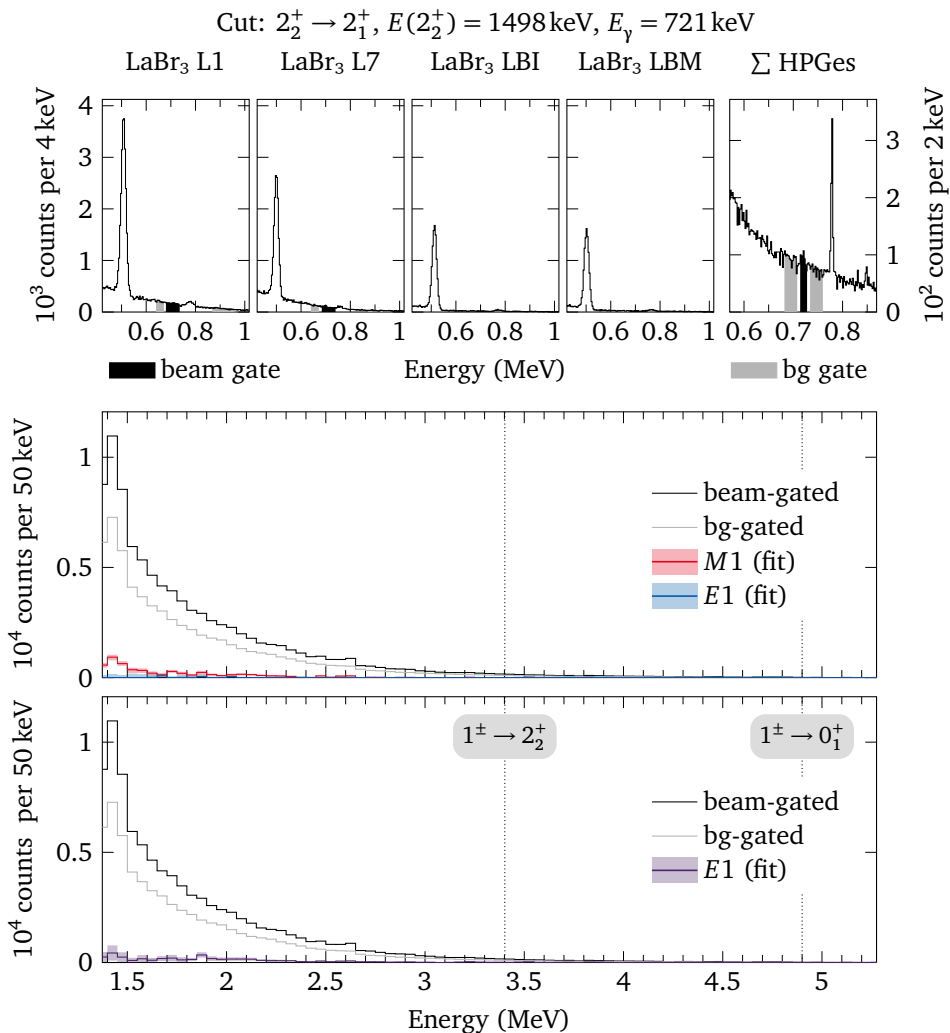


Figure 1.120: $E_{\text{beam}} = 4900 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

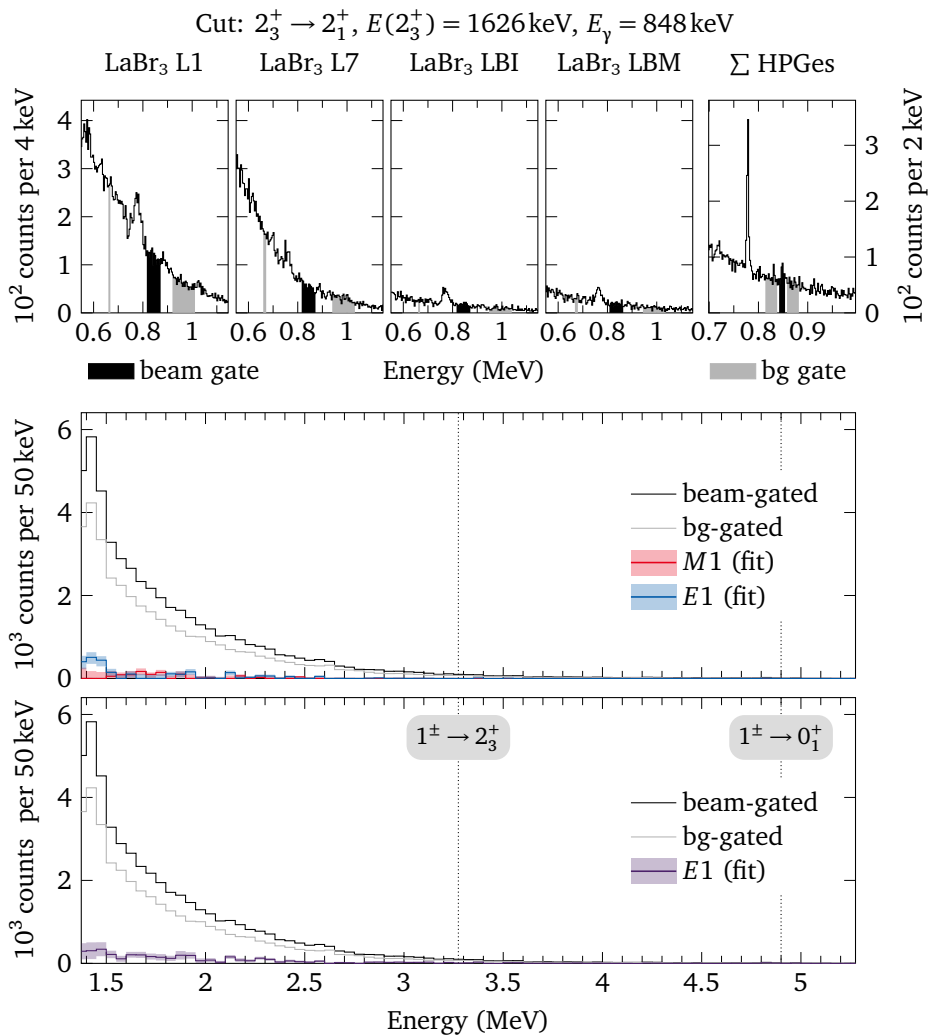


Figure 1.121: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

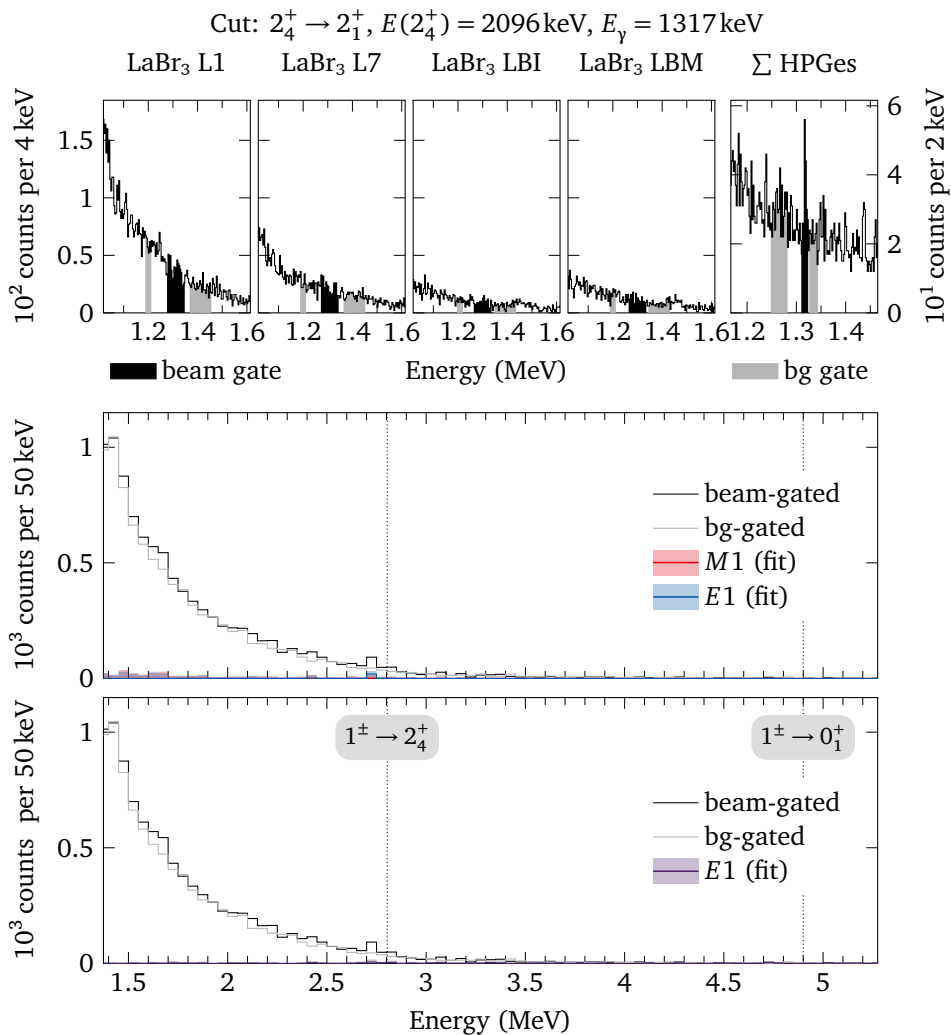


Figure 1.122: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

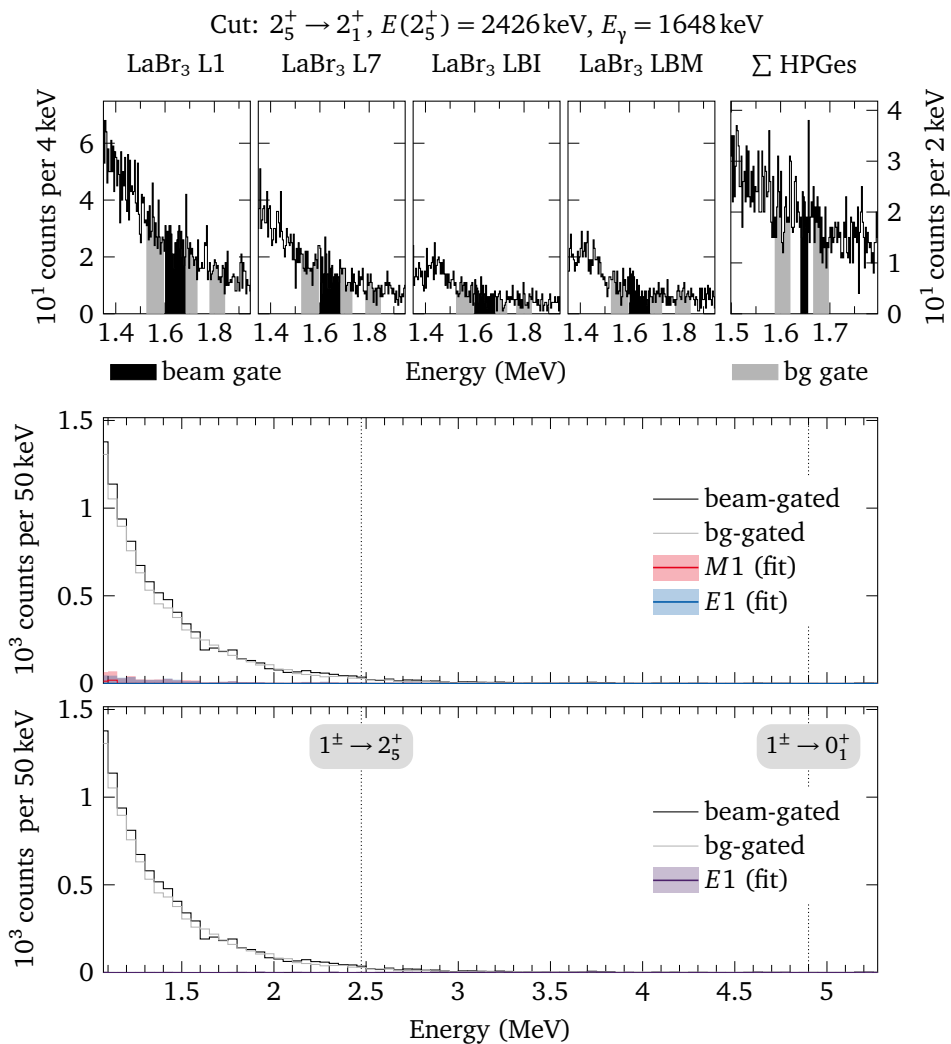


Figure 1.123: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

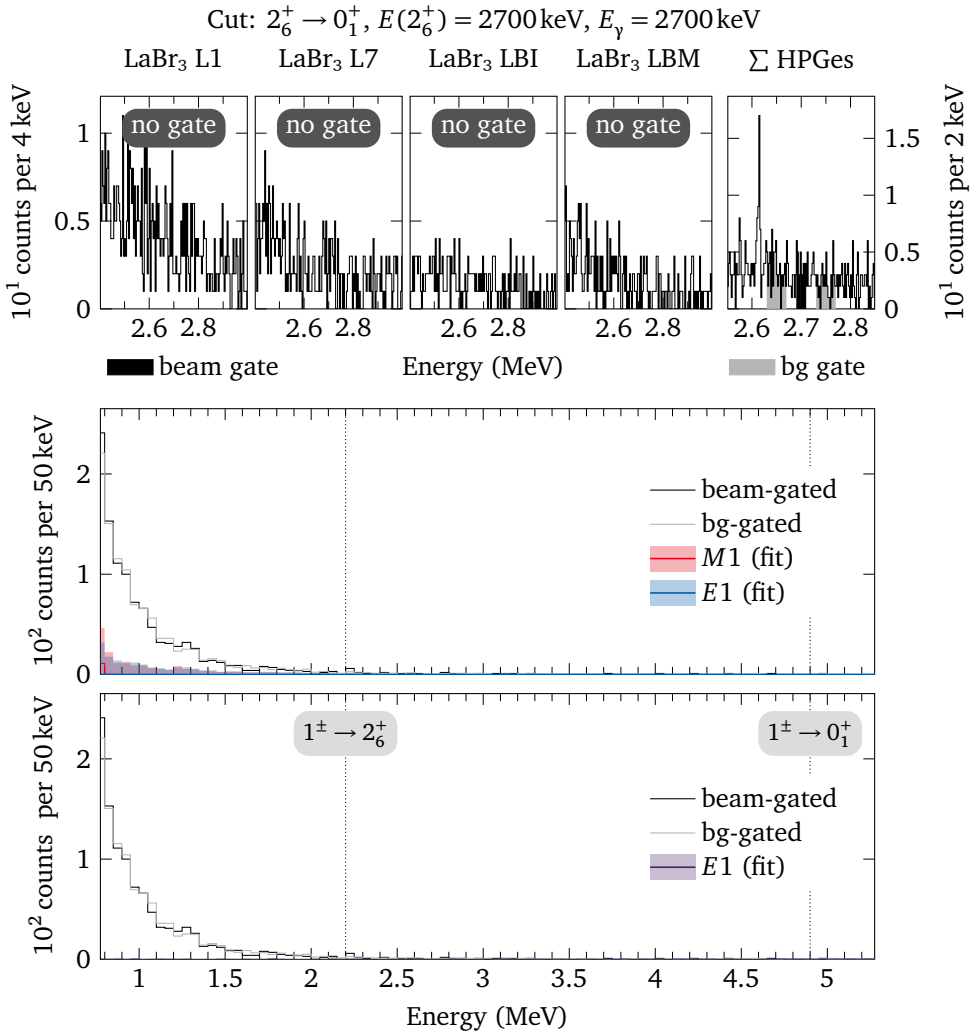


Figure 1.124: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

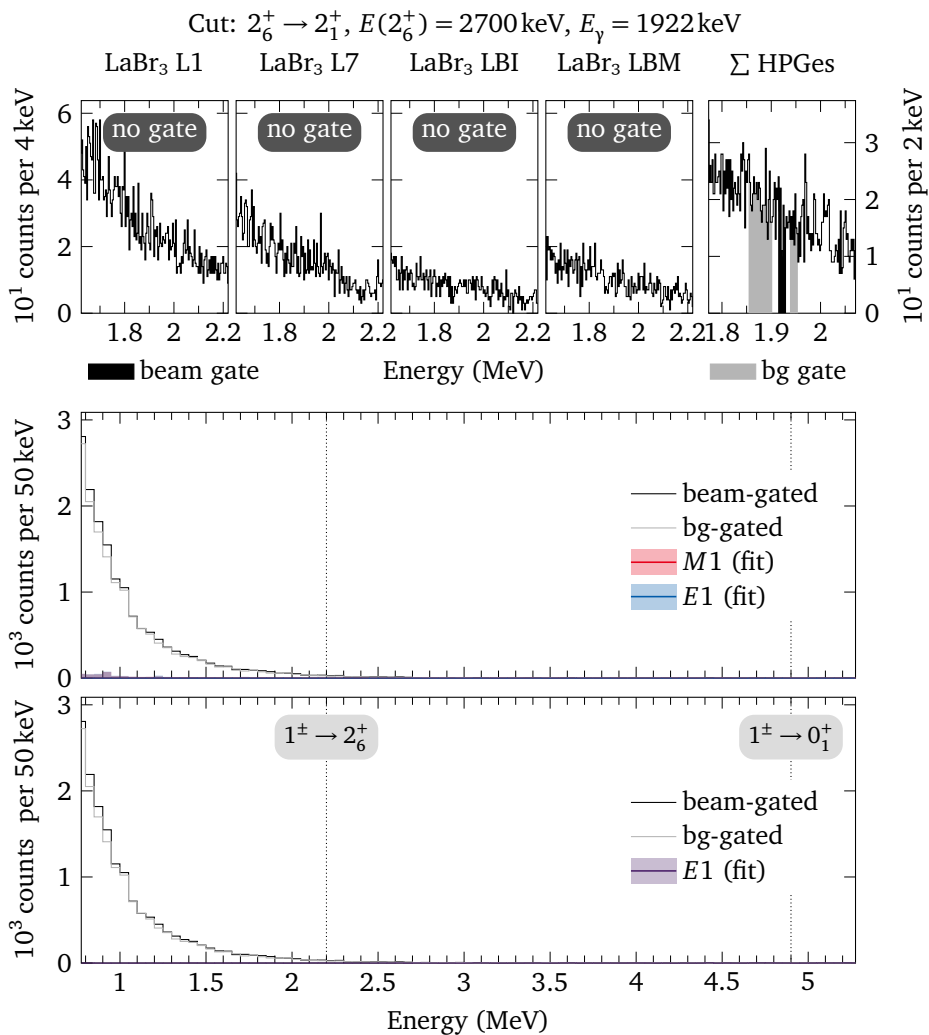


Figure 1.125: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

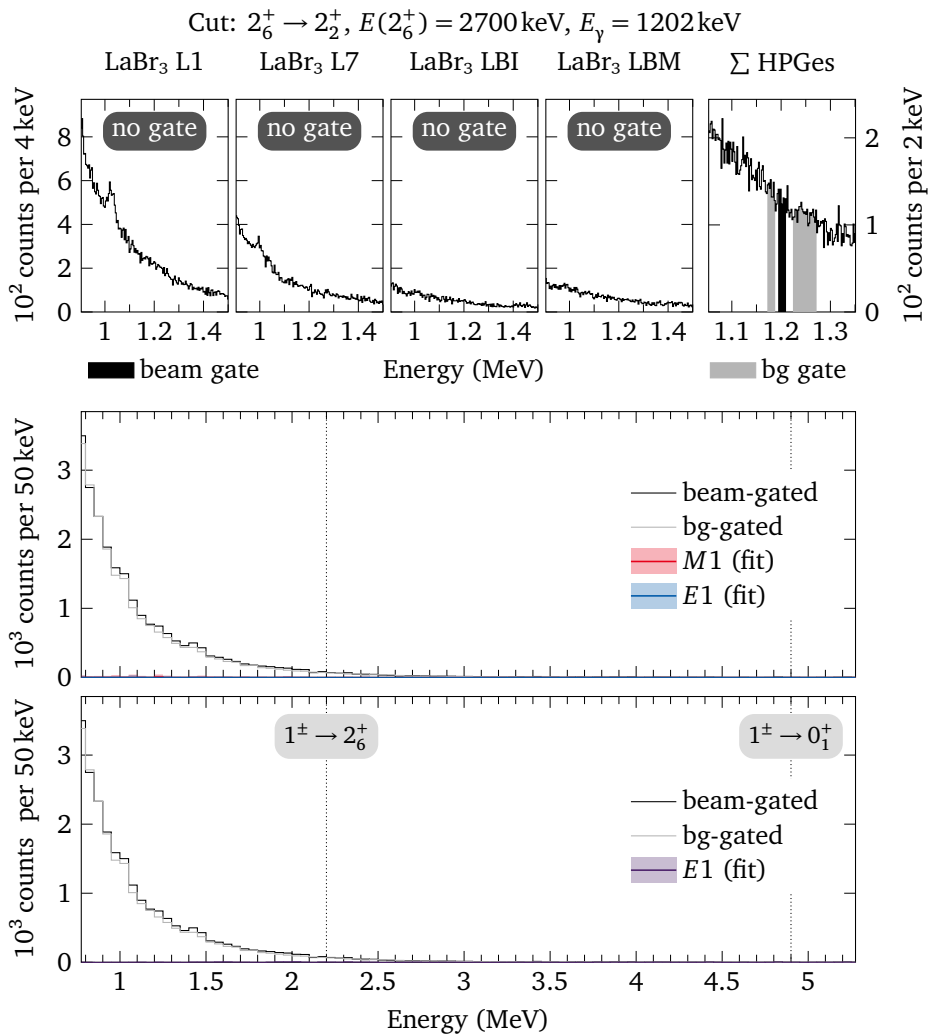


Figure 1.126: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

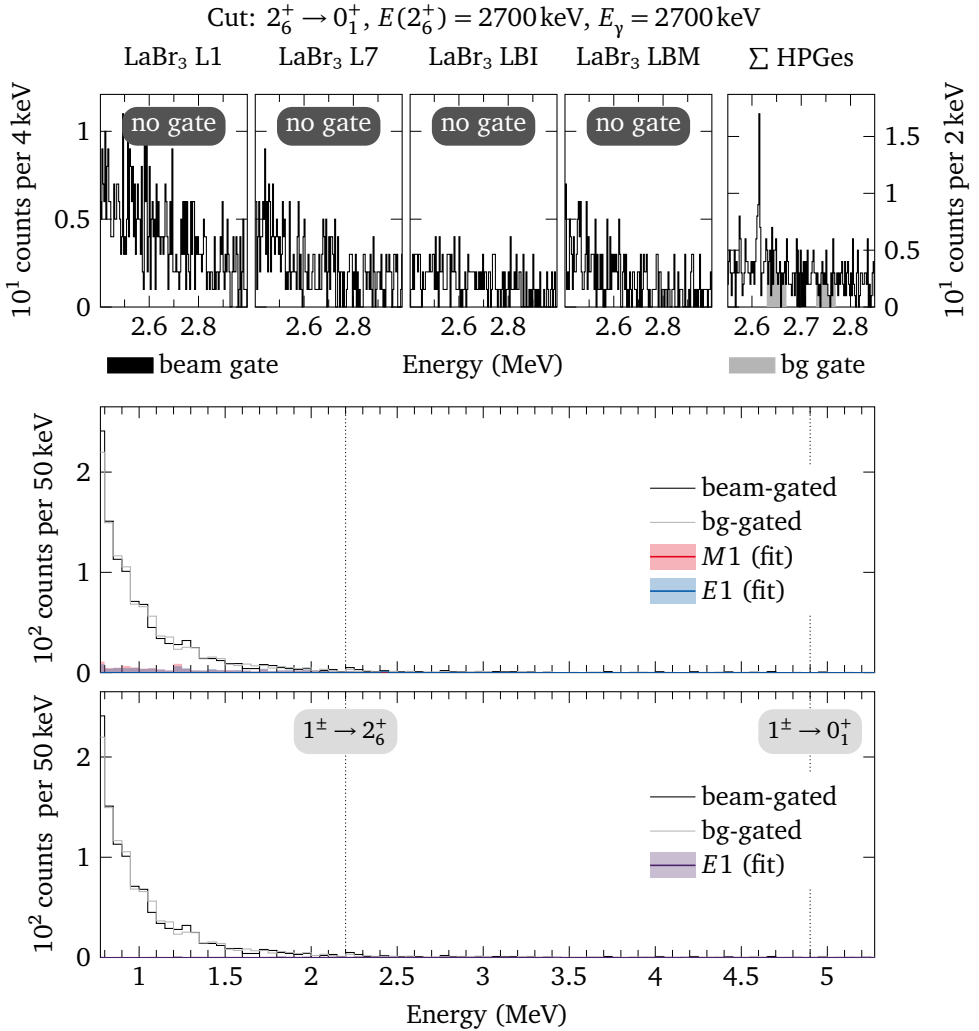


Figure 1.127: $E_{\text{beam}} = 4900 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

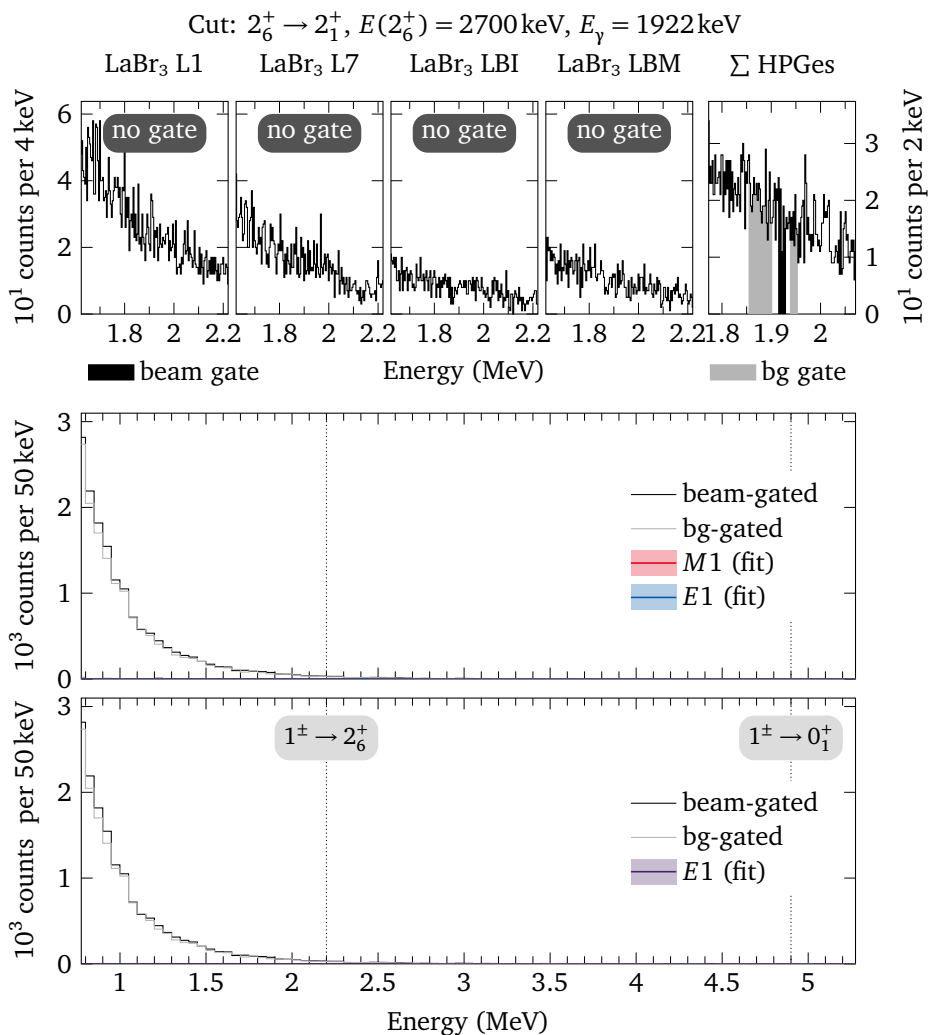


Figure 1.128: $E_{\text{beam}} = 4900 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

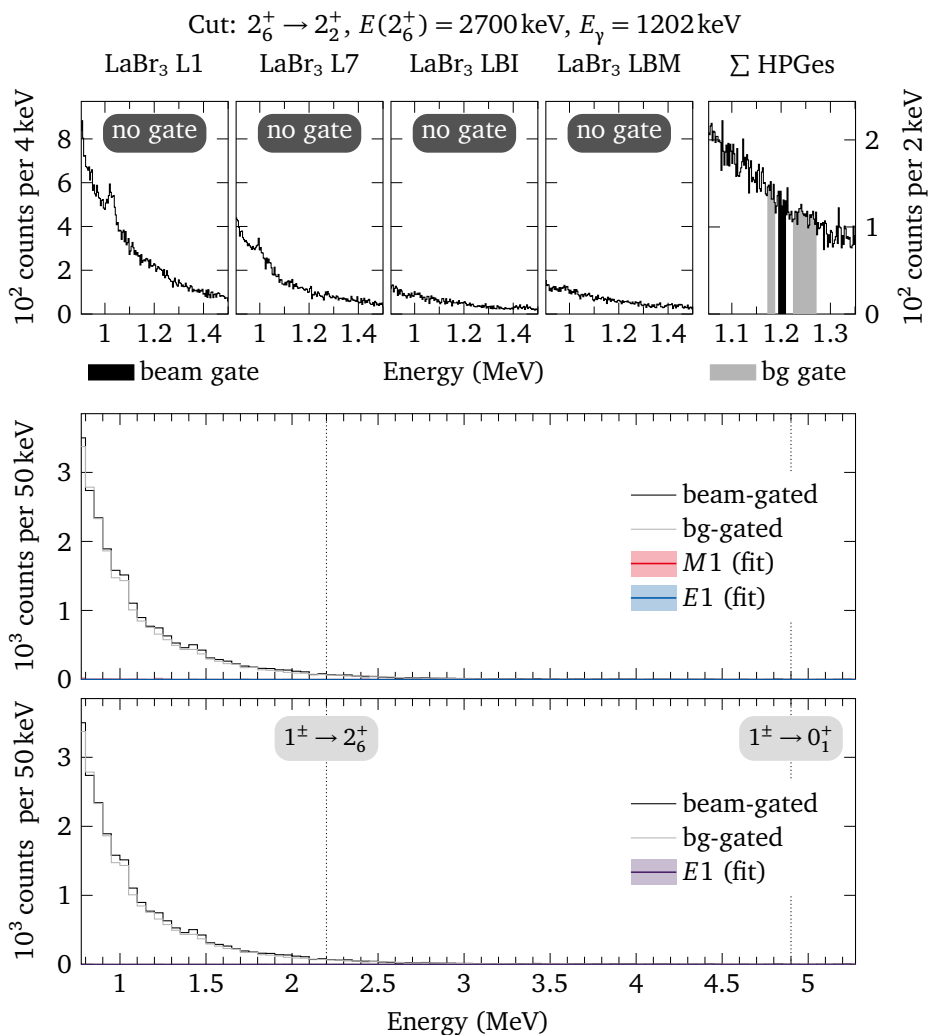


Figure 1.129: $E_{\text{beam}} = 4900 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

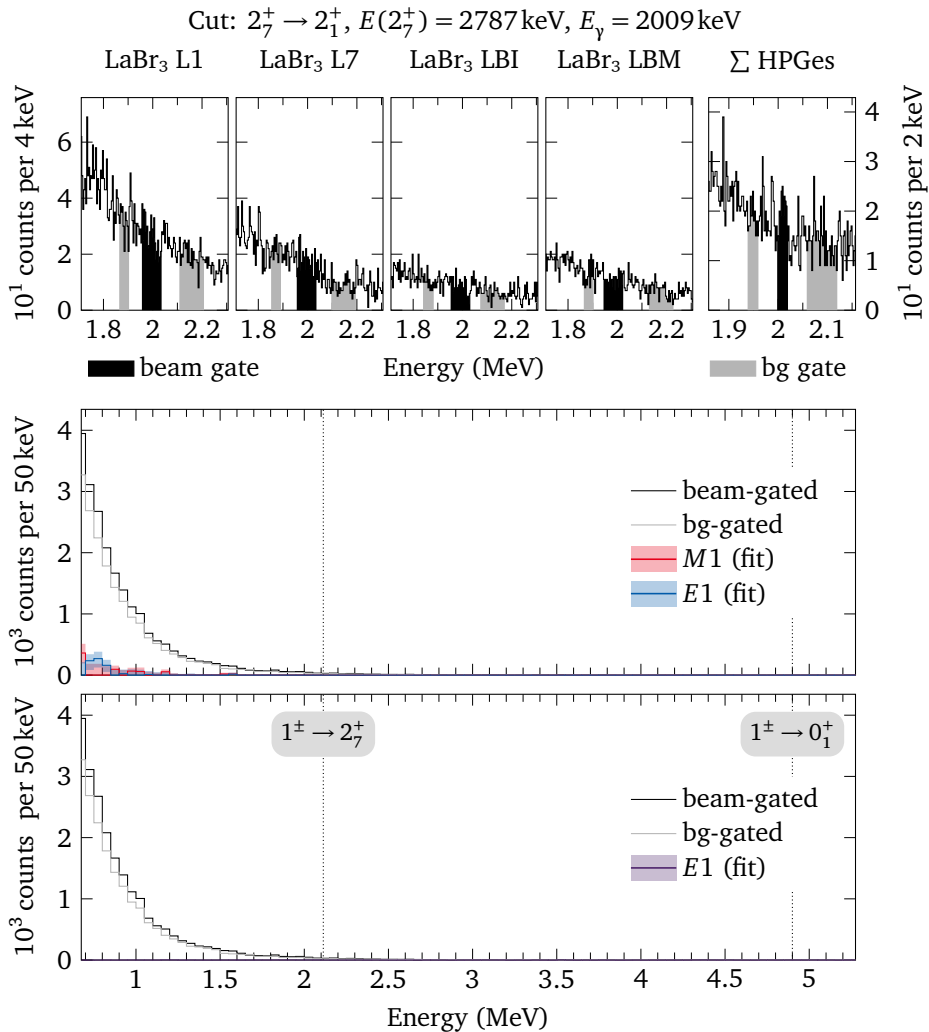


Figure 1.130: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

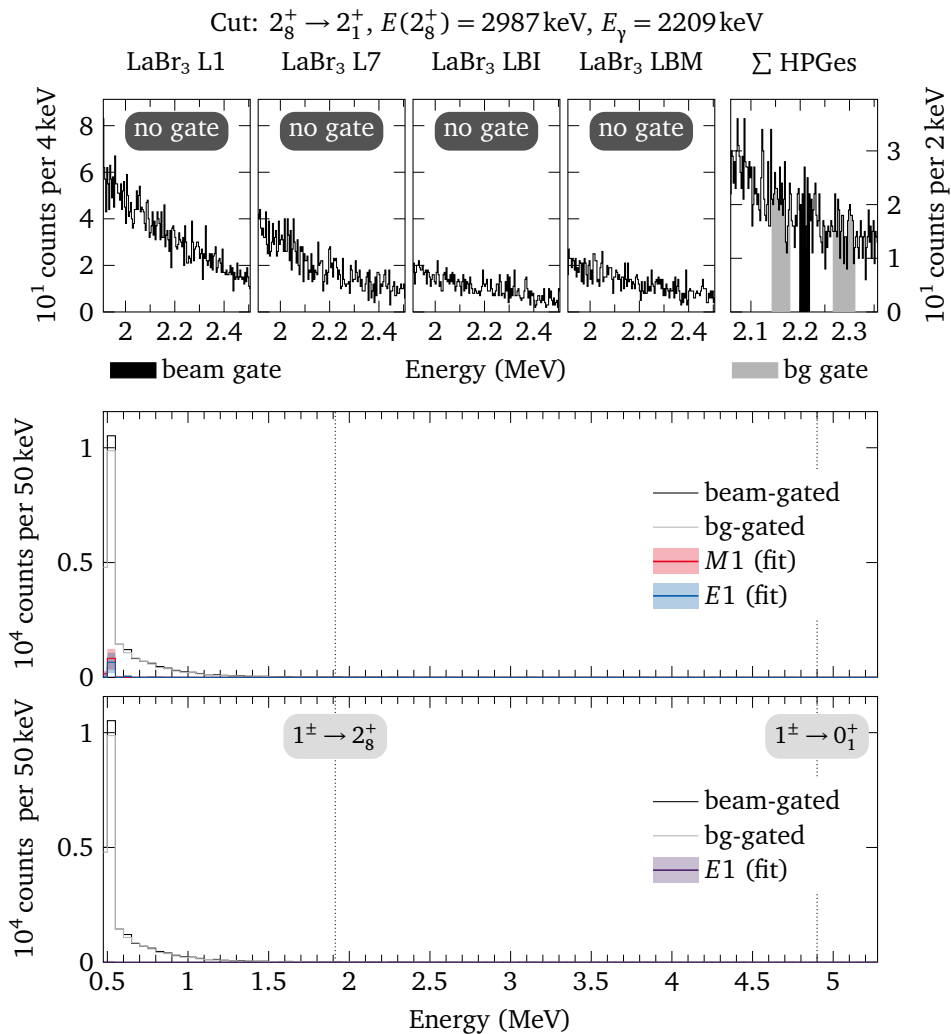


Figure 1.131: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

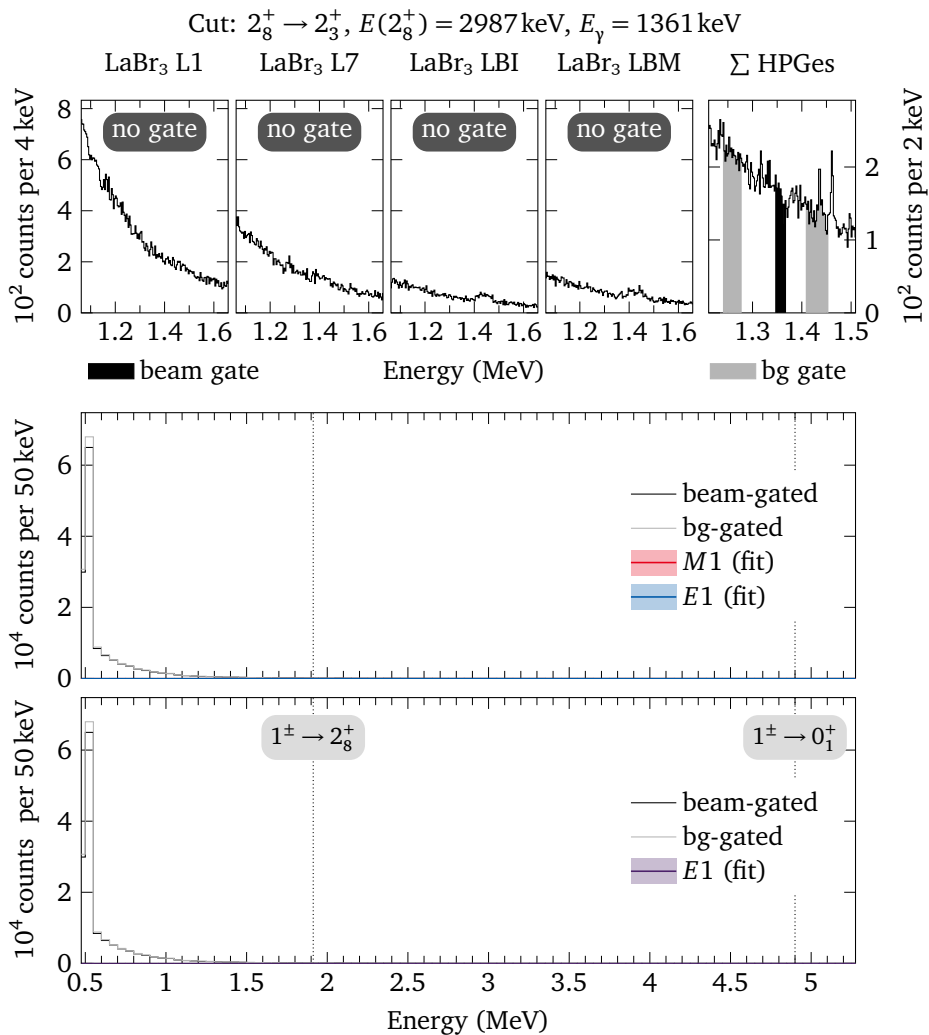


Figure 1.132: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

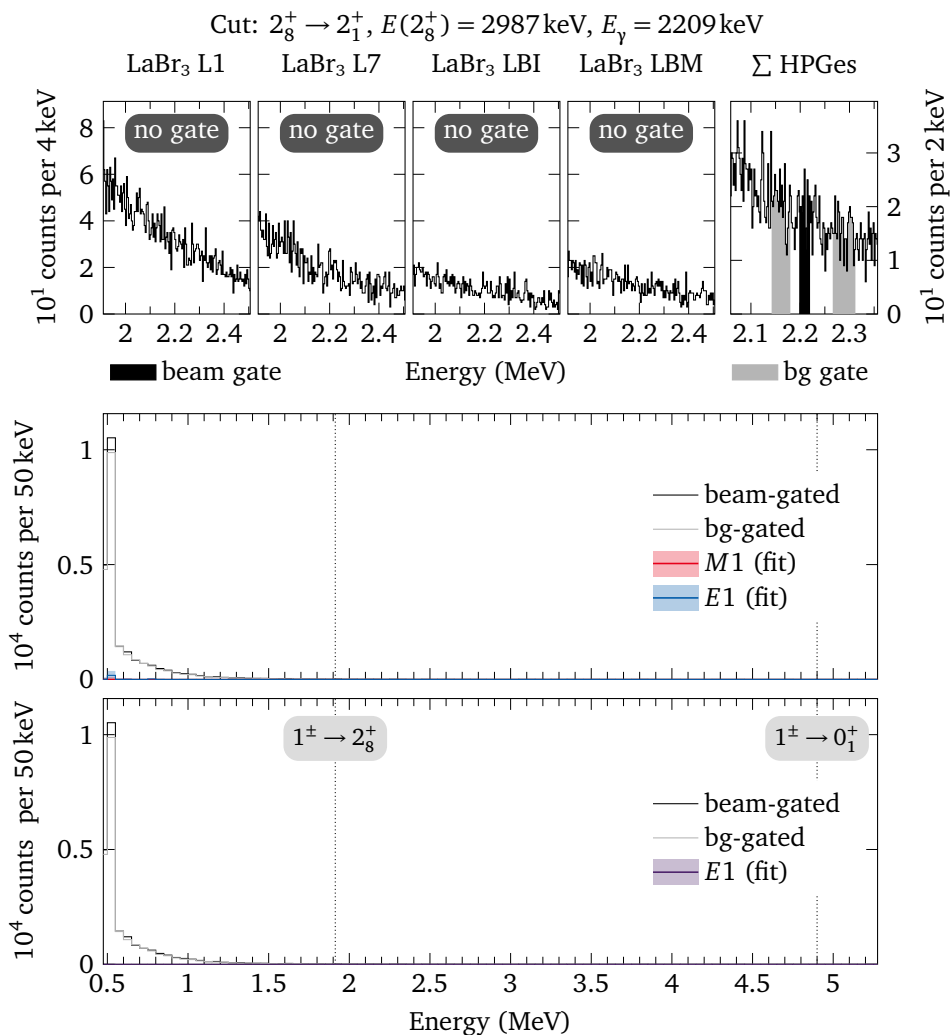


Figure 1.133: $E_{\text{beam}} = 4900 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

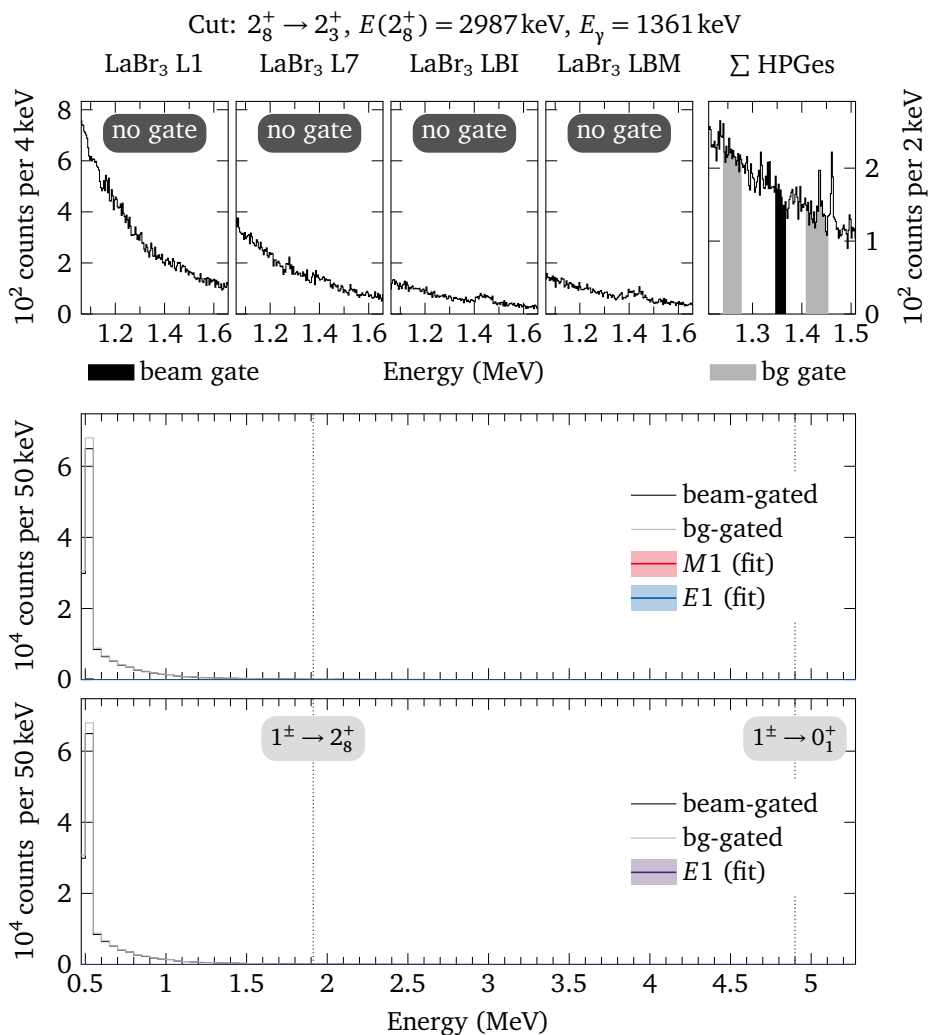


Figure 1.134: $E_{\text{beam}} = 4900 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

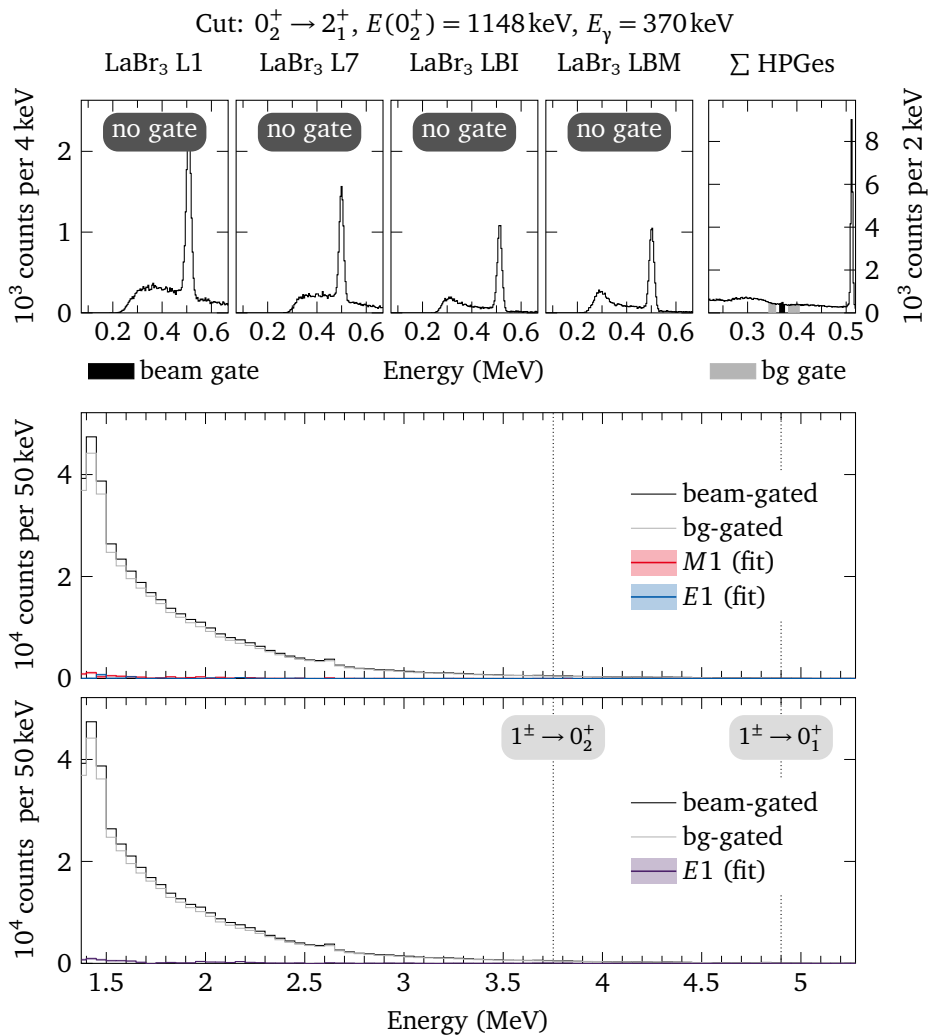


Figure 1.135: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

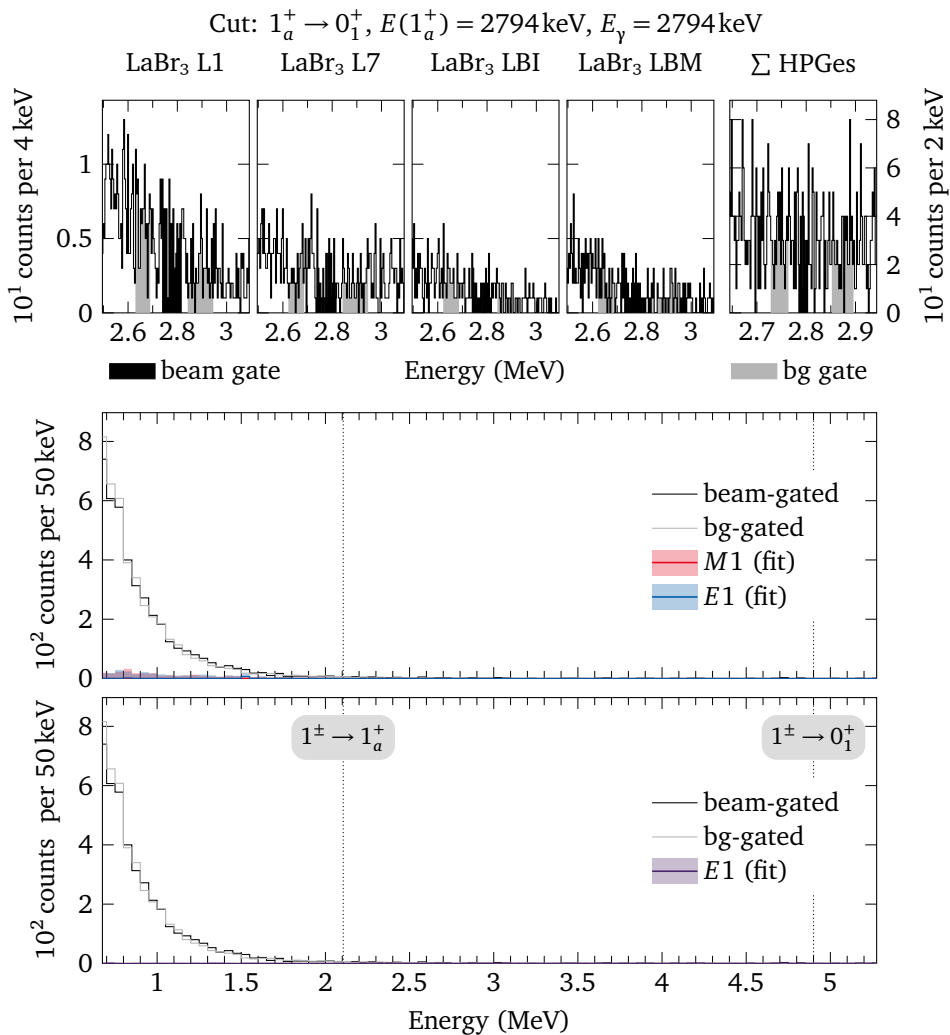


Figure 1.136: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

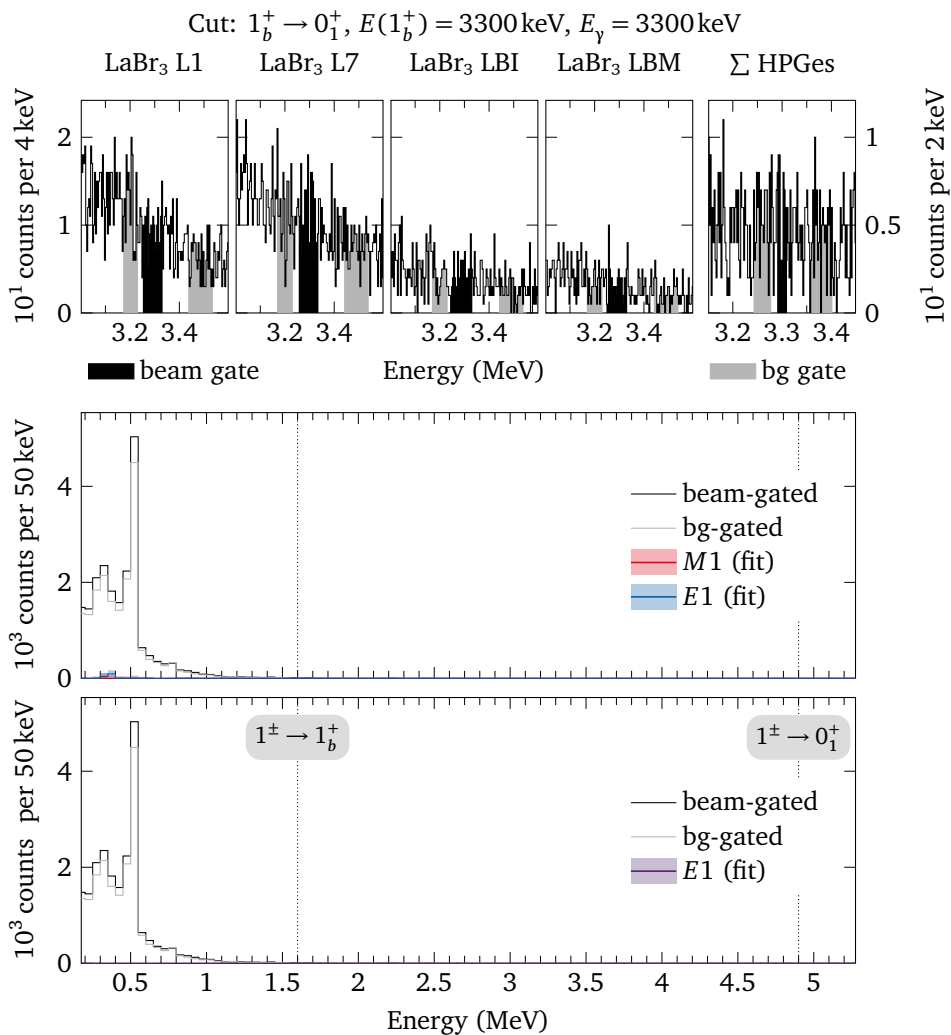


Figure 1.137: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

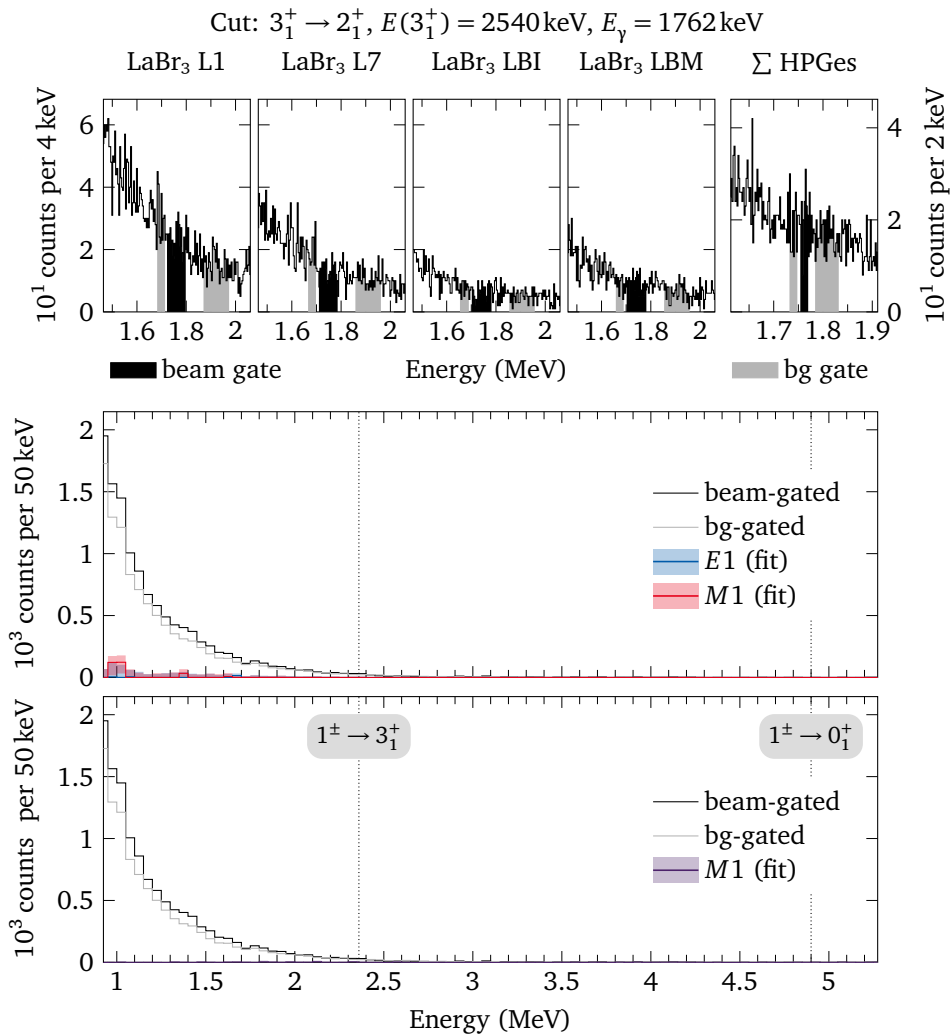


Figure 1.138: $E_{\text{beam}} = 4900 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

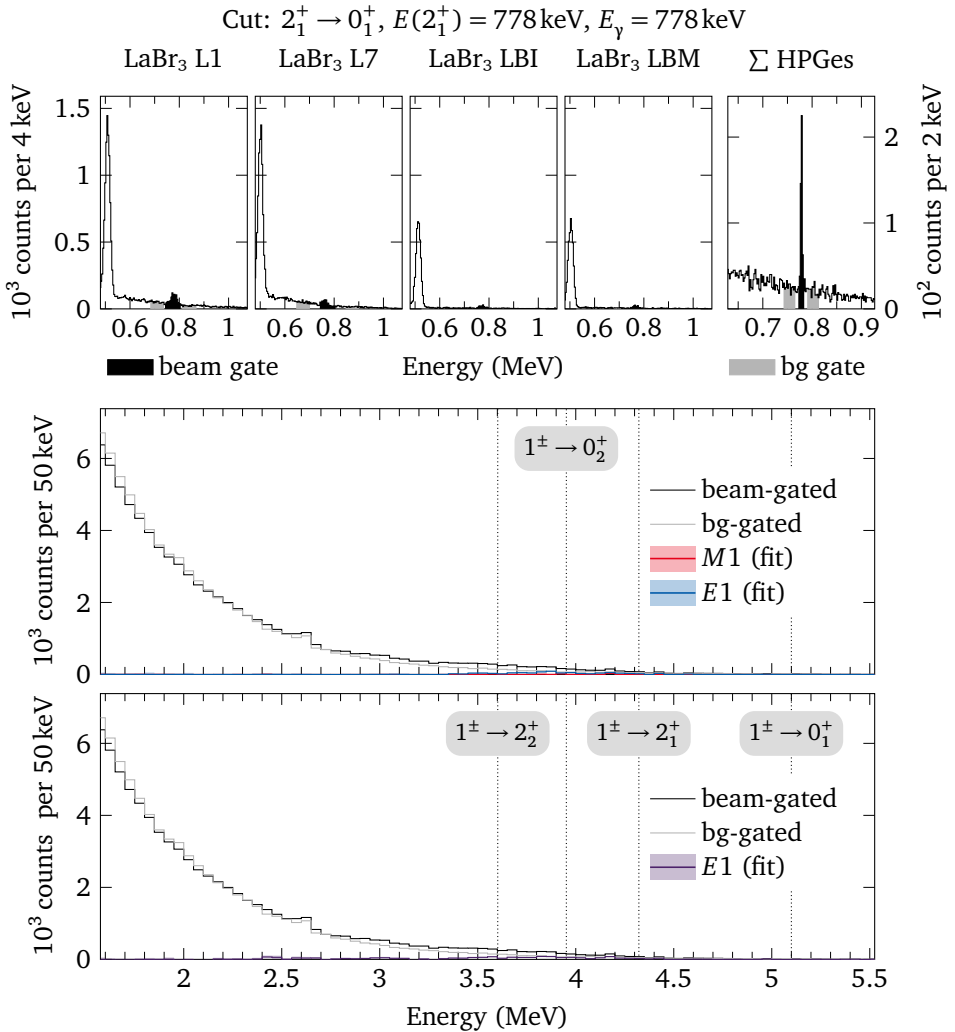


Figure 1.139: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

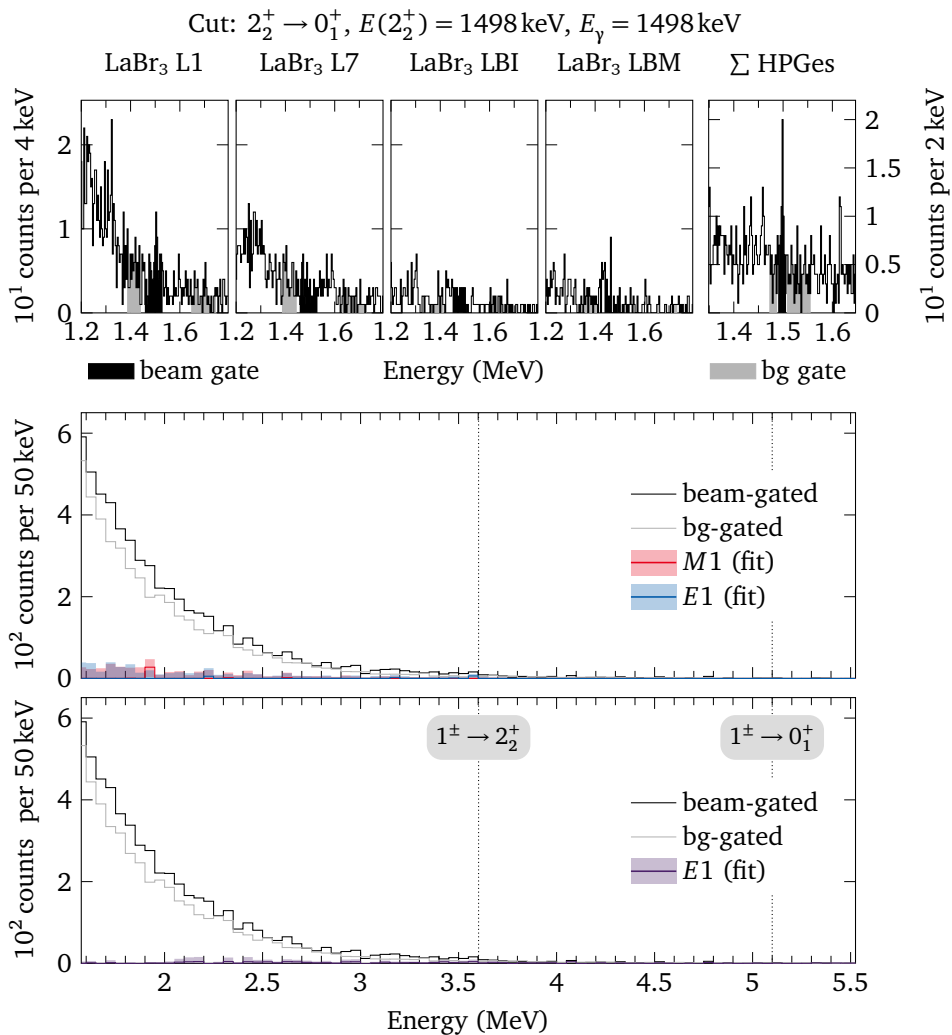


Figure 1.140: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

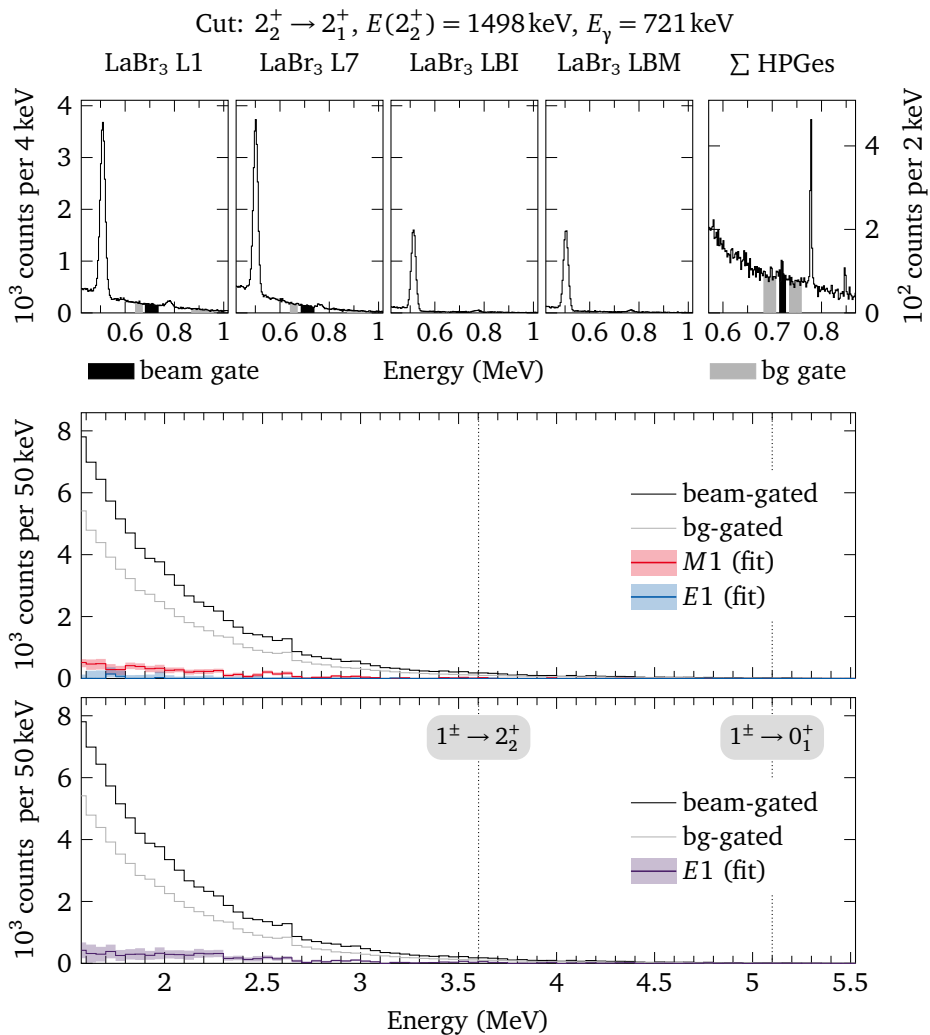


Figure 1.141: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

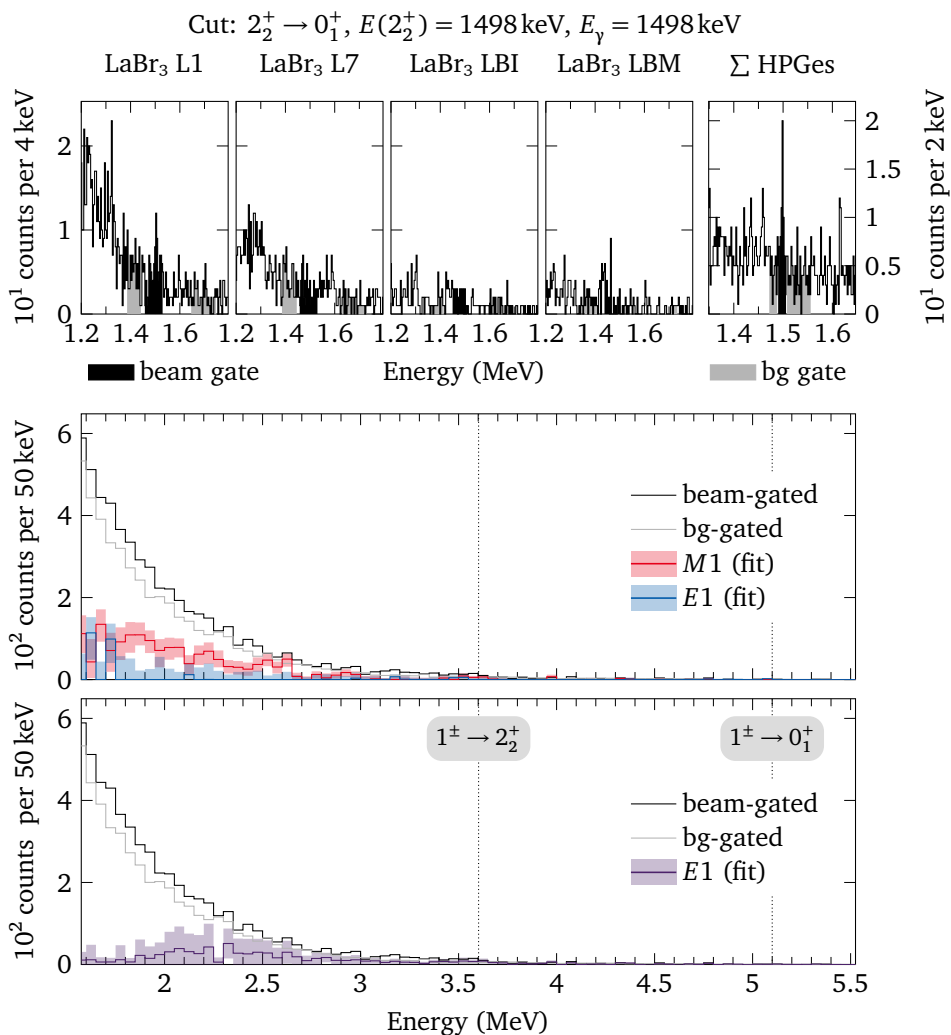


Figure 1.142: $E_{\text{beam}} = 5100 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

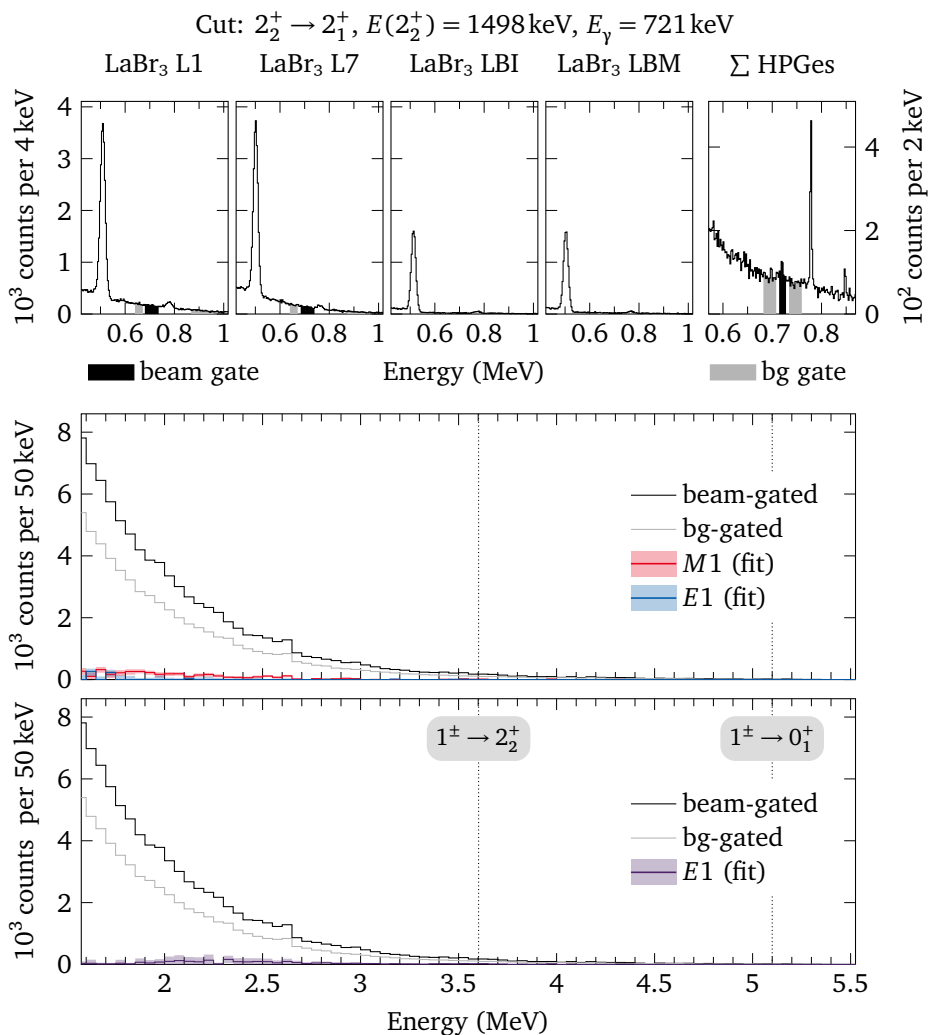


Figure 1.143: $E_{\text{beam}} = 5100 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

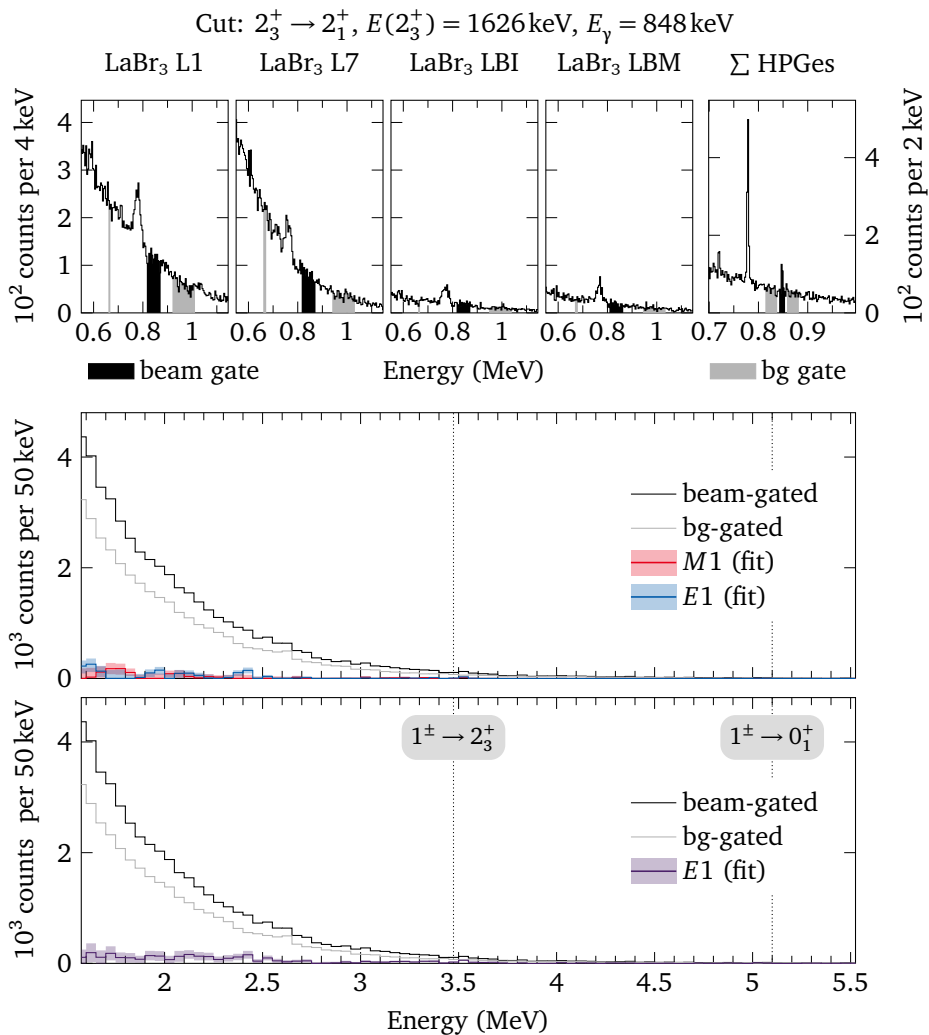


Figure 1.144: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

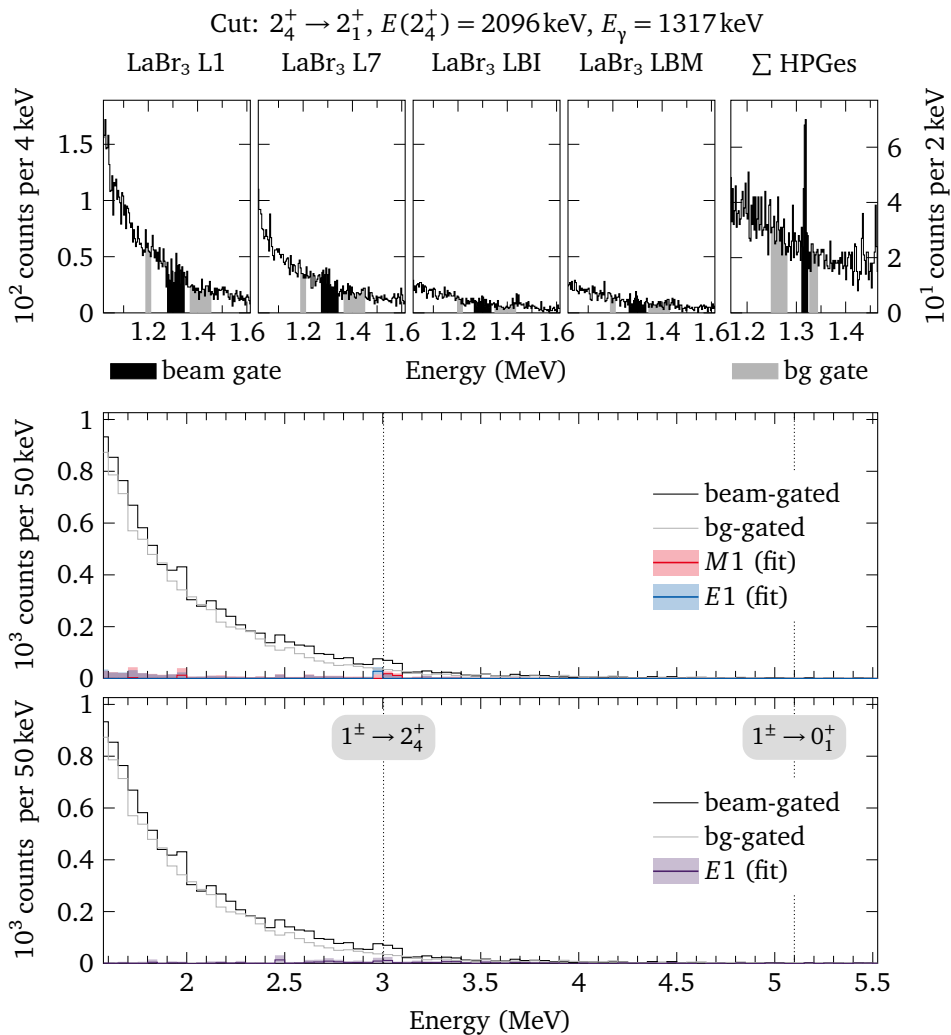


Figure 1.145: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

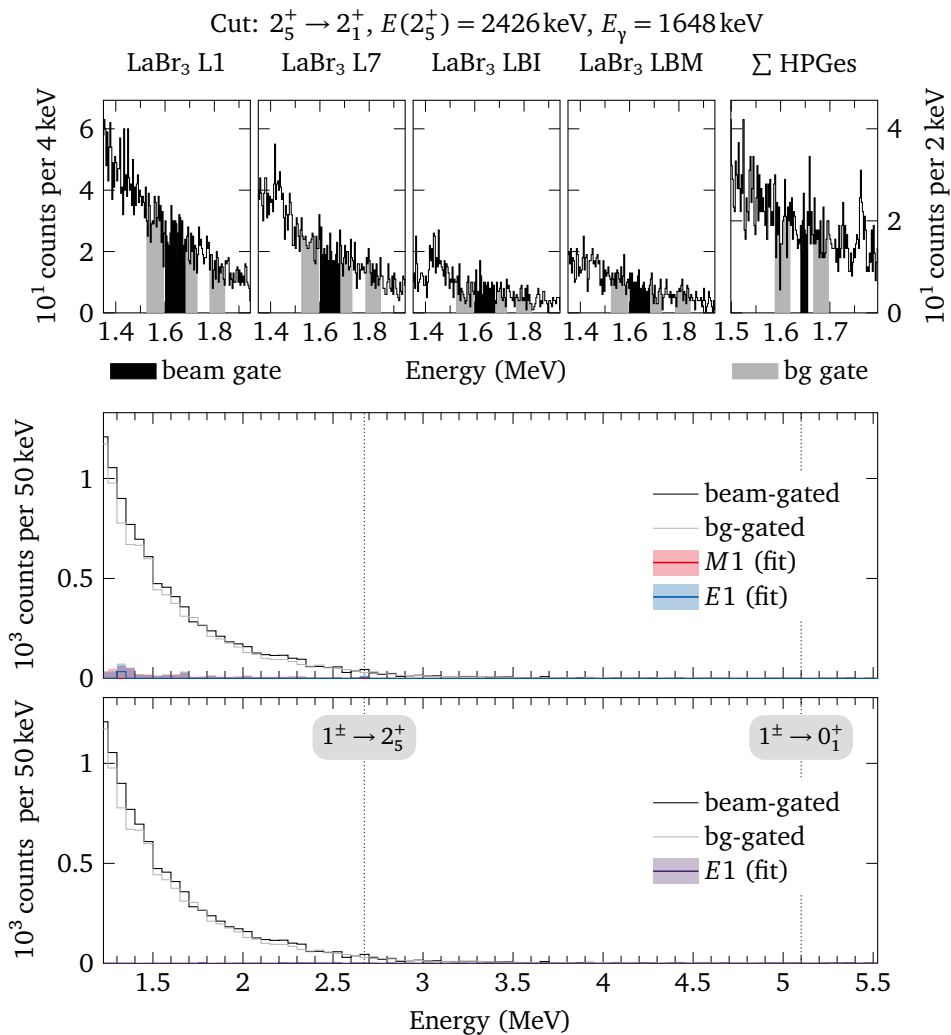


Figure 1.146: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

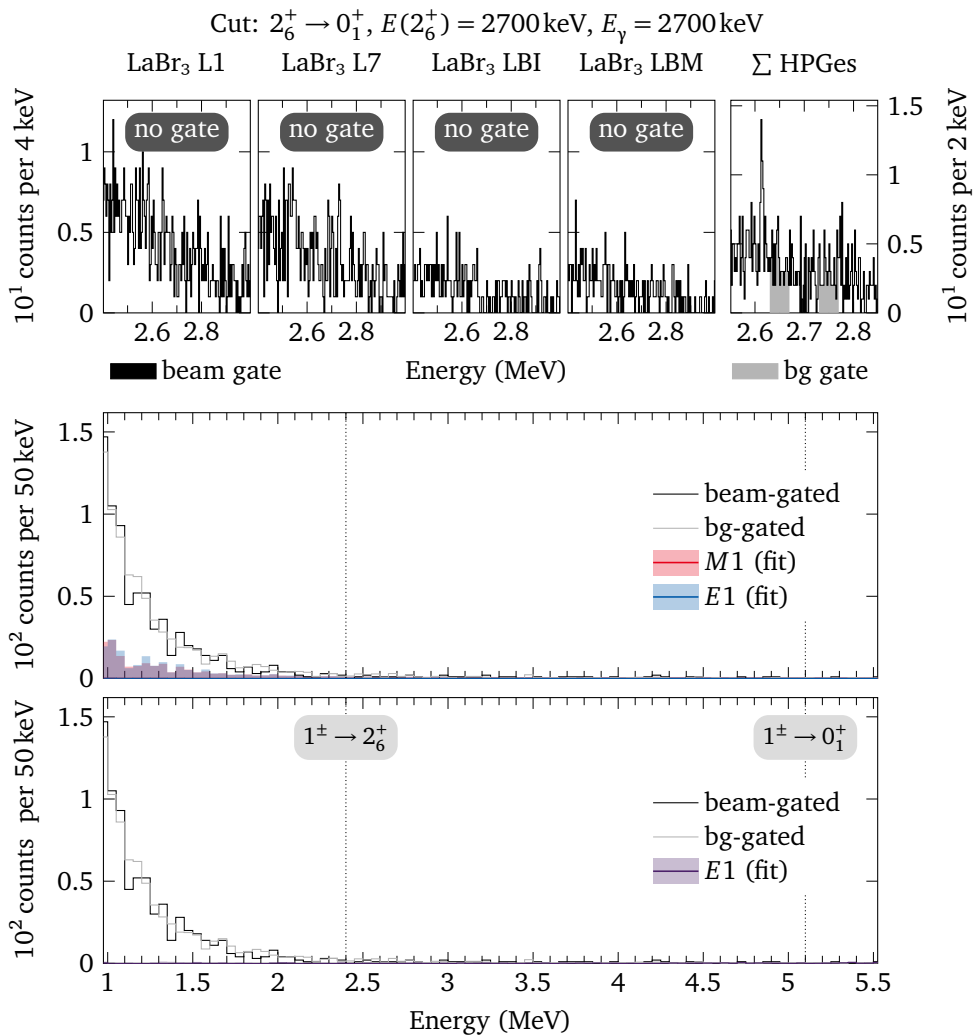


Figure 1.147: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

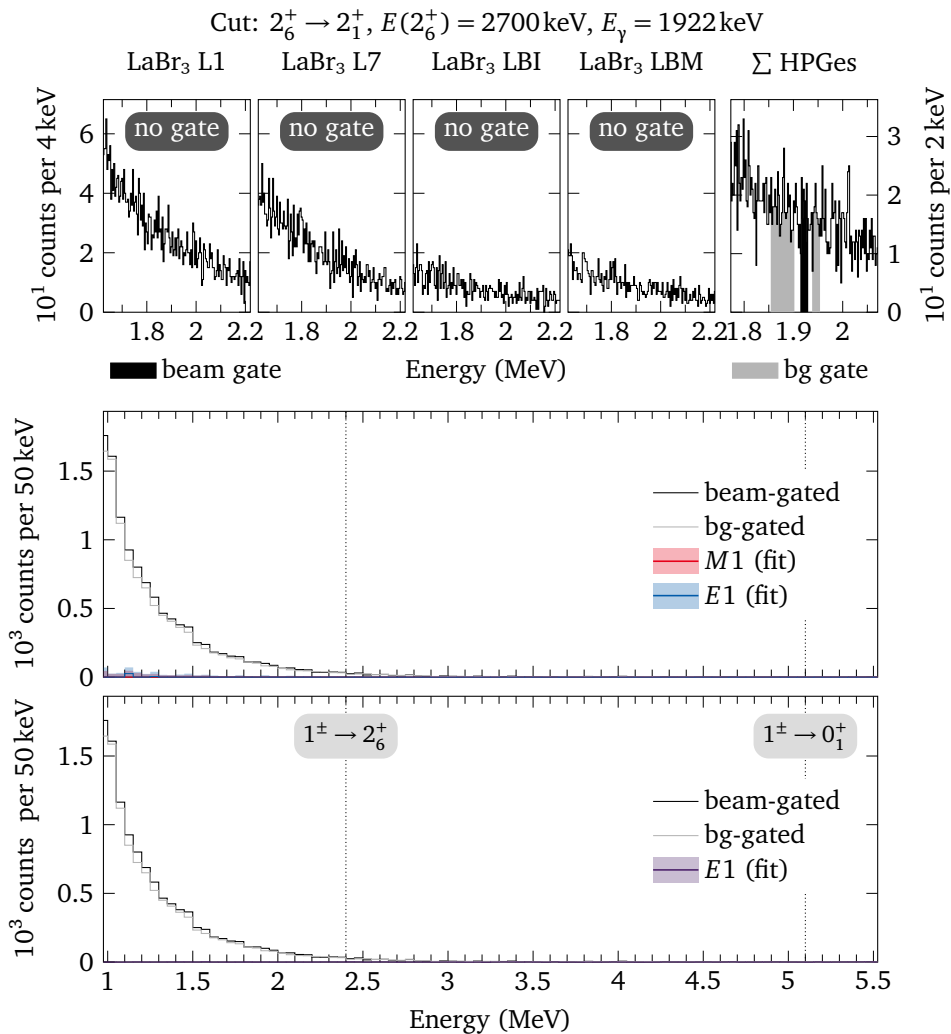


Figure 1.148: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

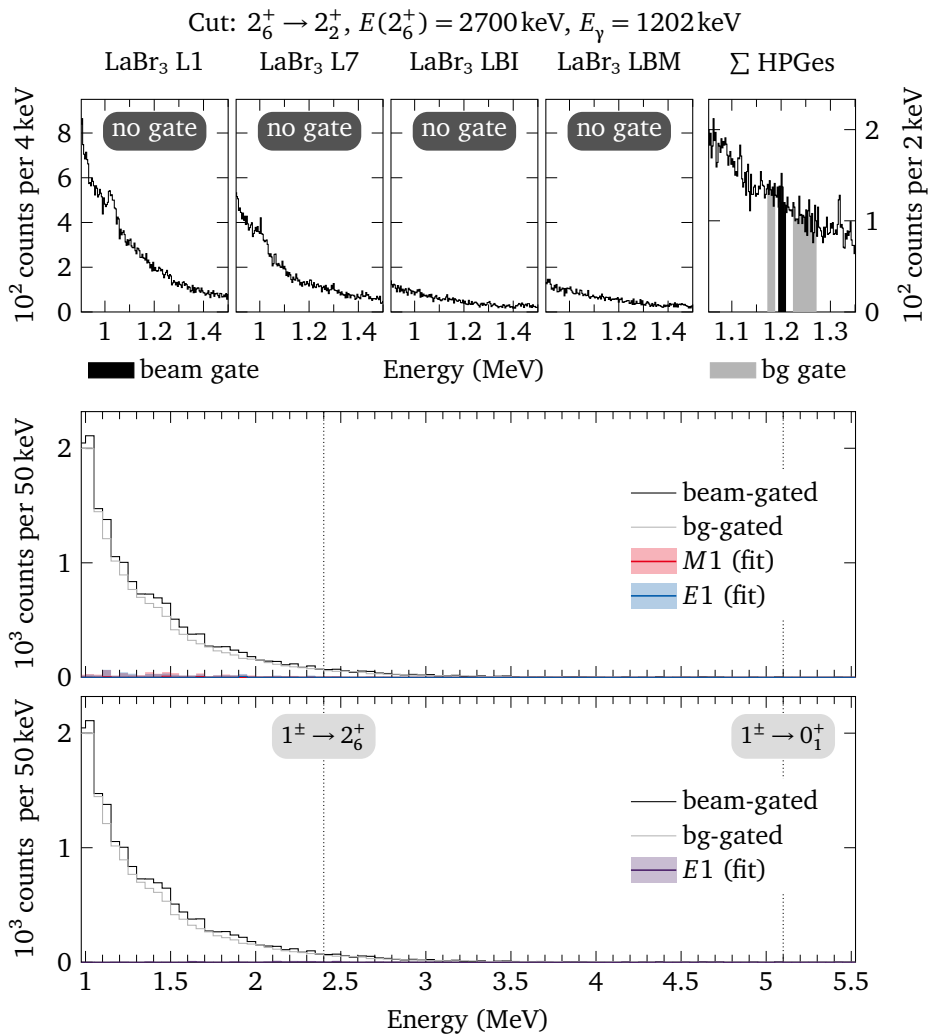


Figure 1.149: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

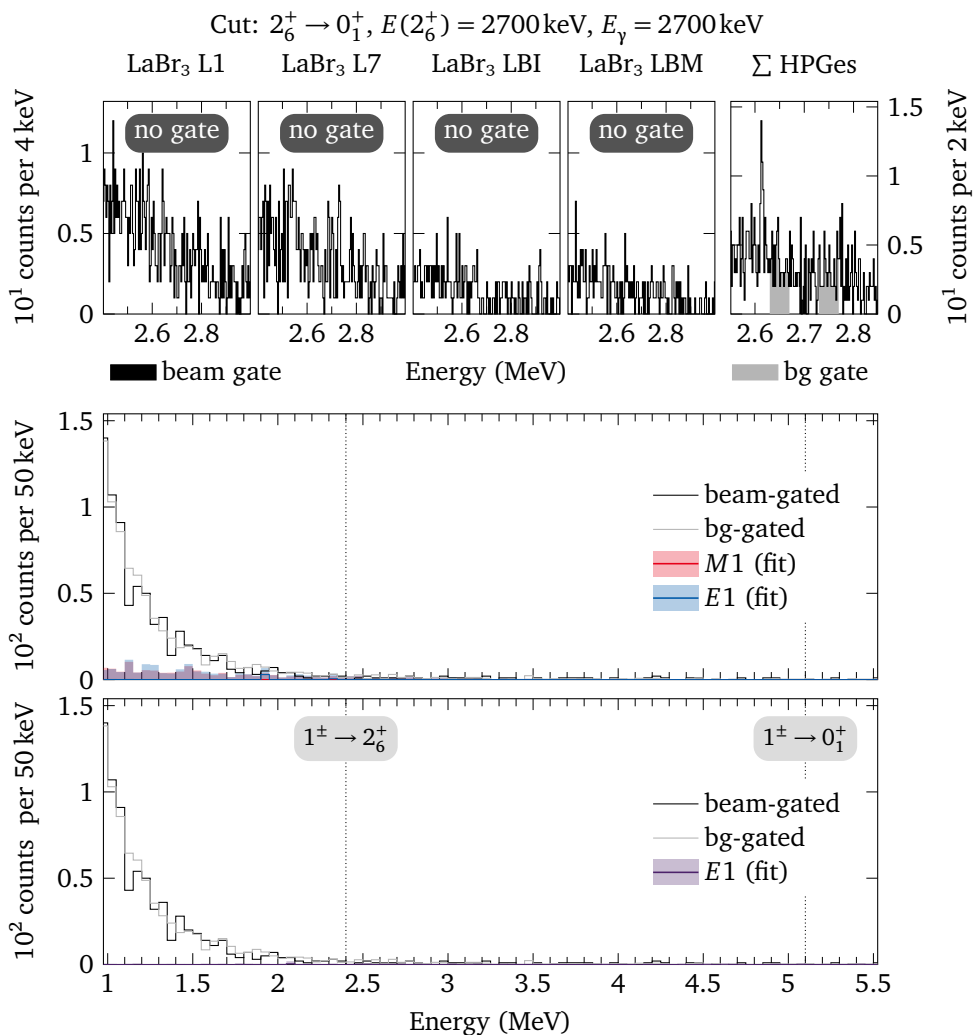


Figure 1.150: $E_{\text{beam}} = 5100 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

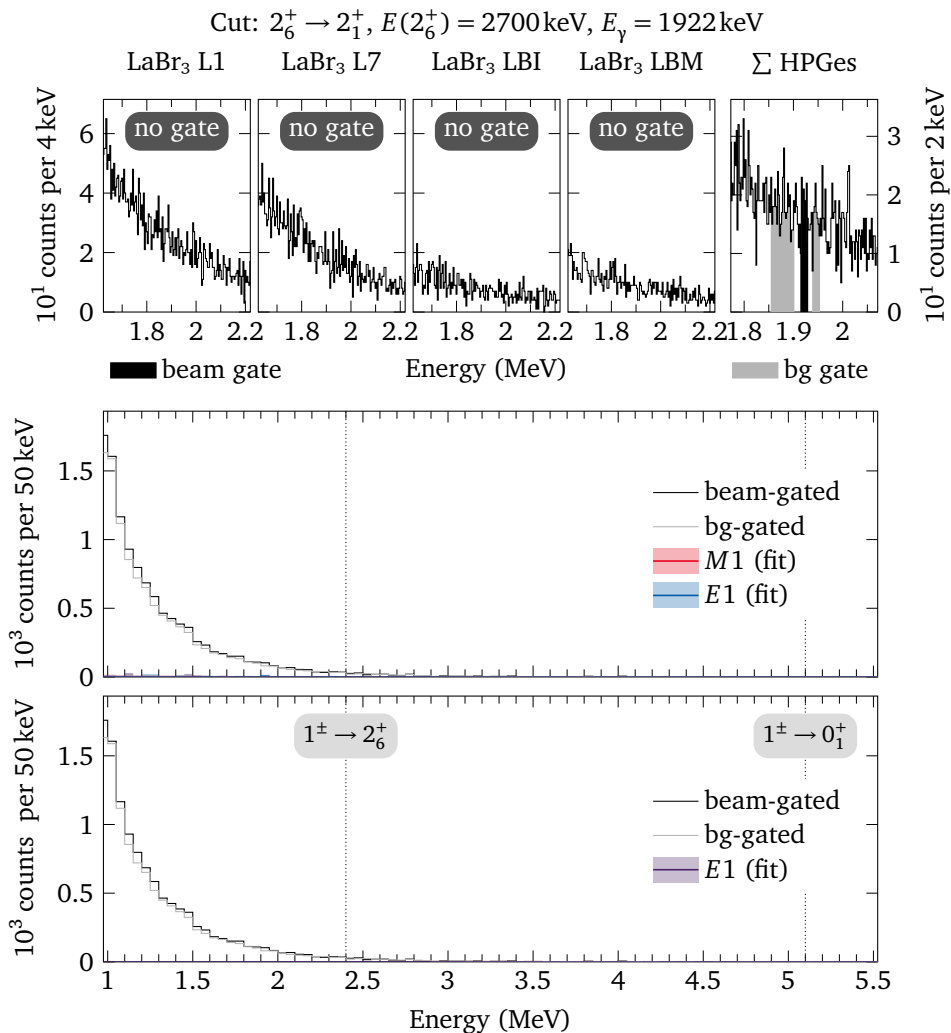


Figure 1.151: $E_{\text{beam}} = 5100\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

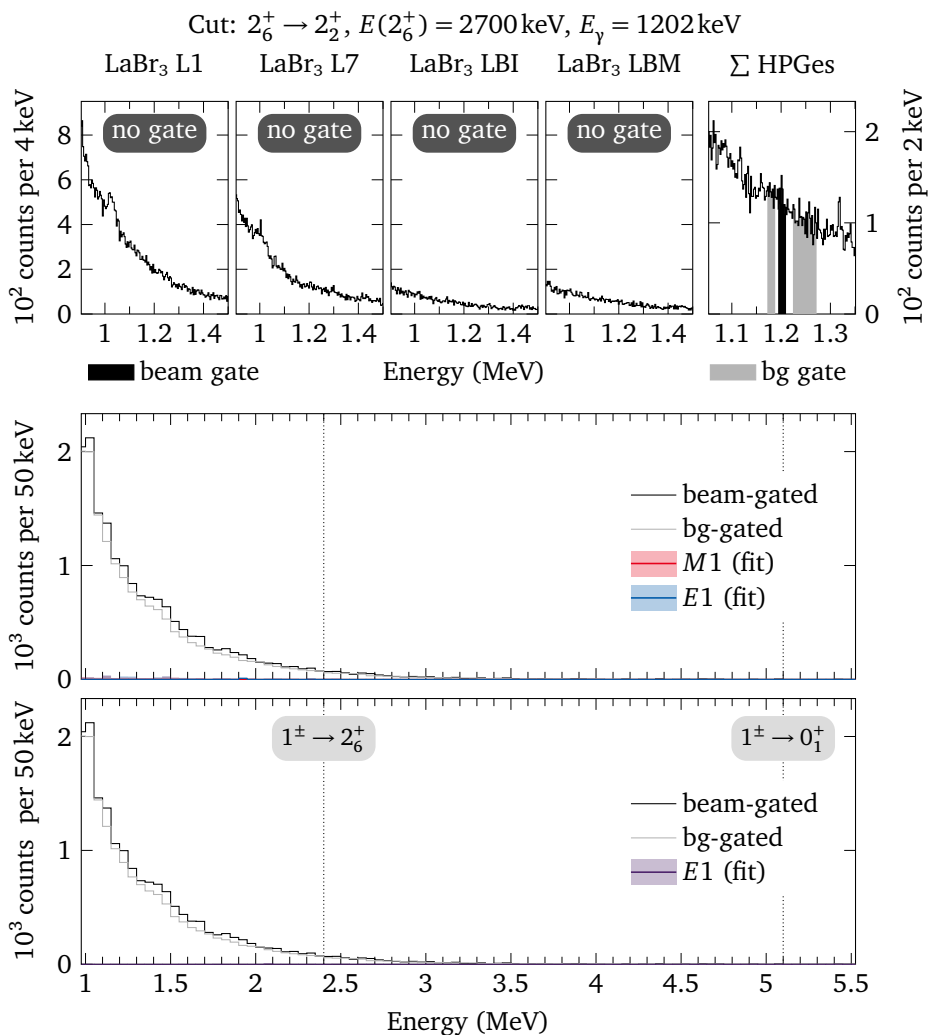


Figure 1.152: $E_{\text{beam}} = 5100 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

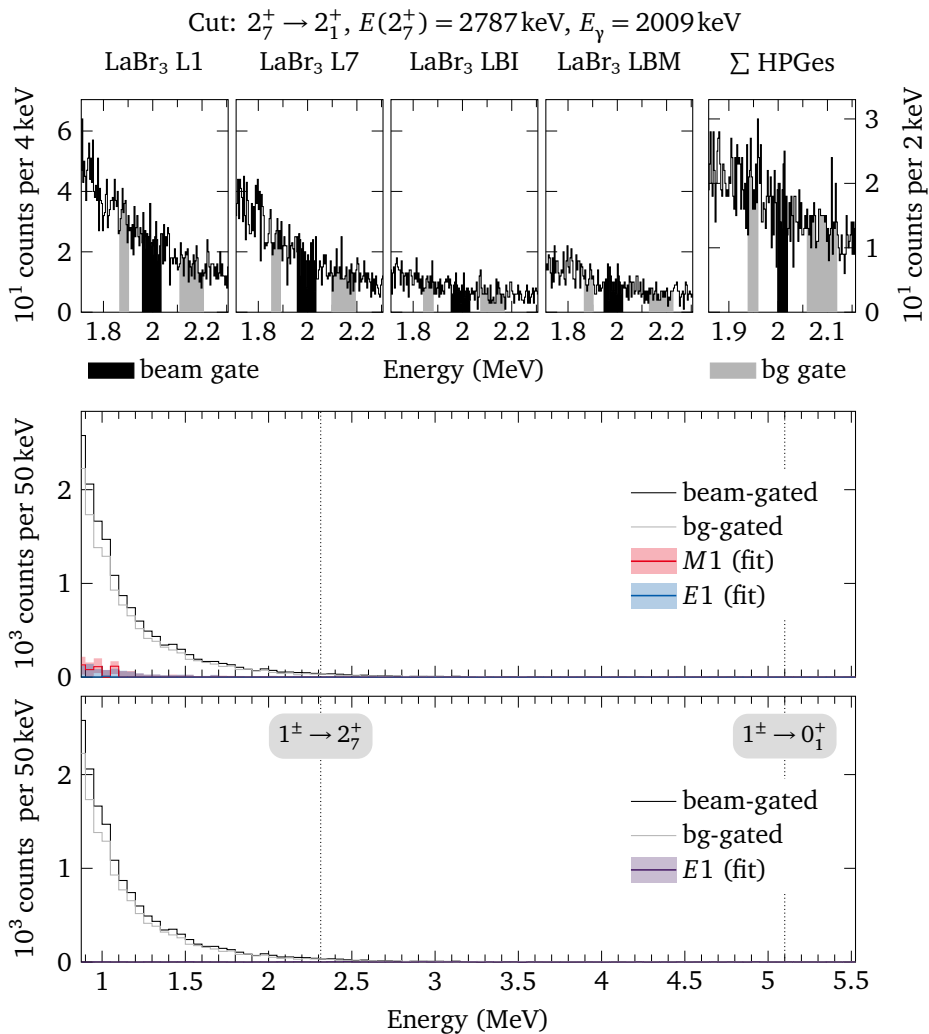


Figure 1.153: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

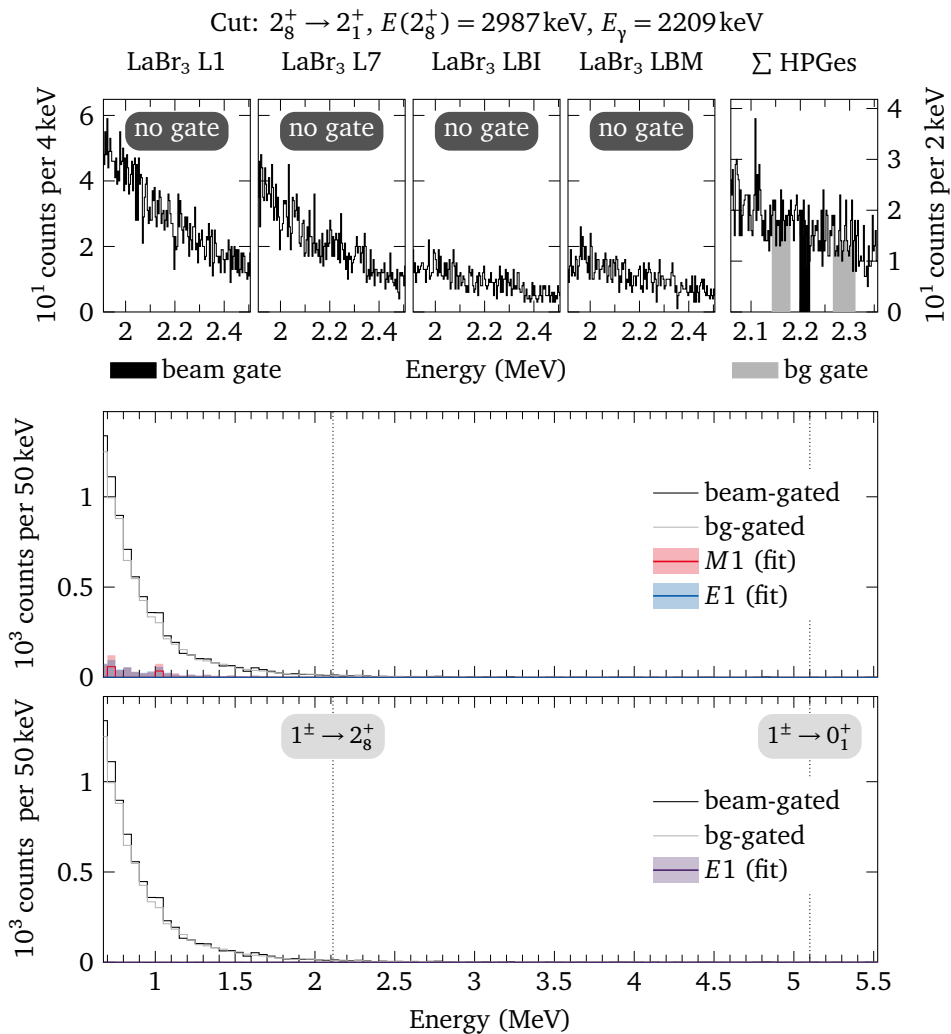


Figure 1.154: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

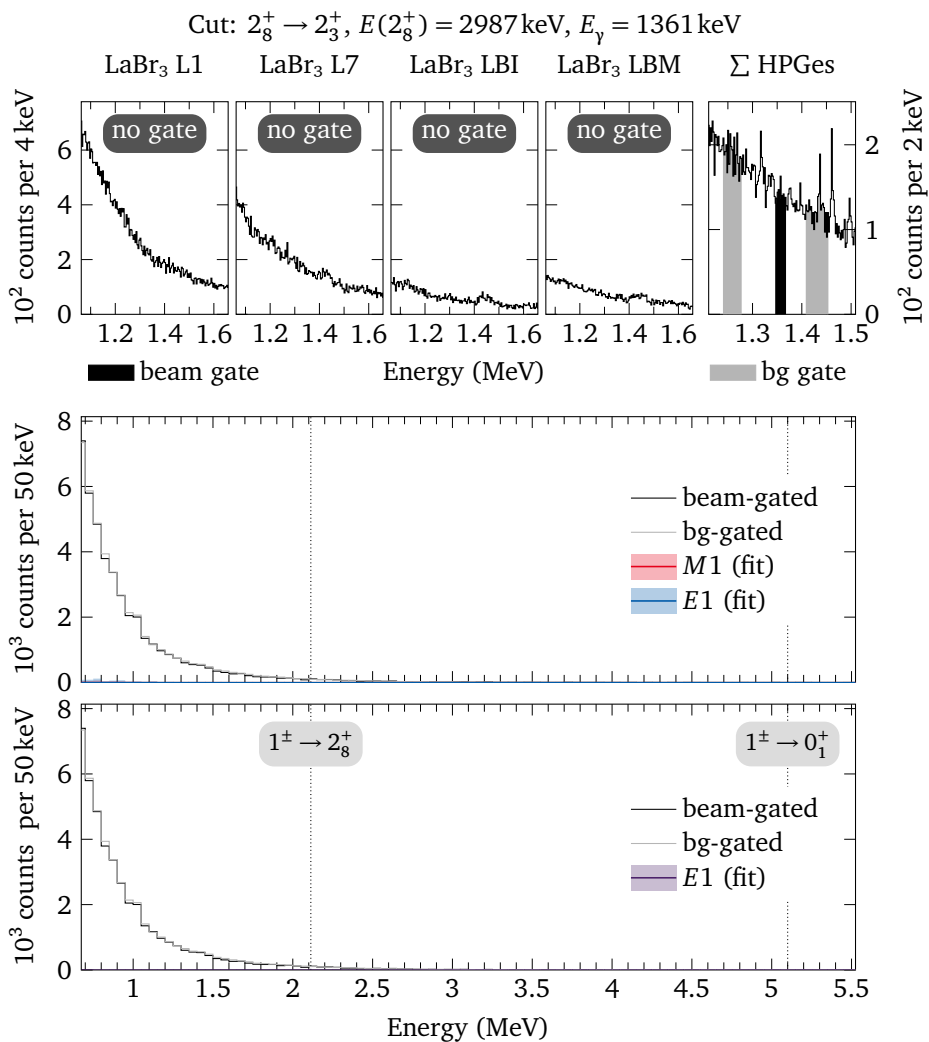


Figure 1.155: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

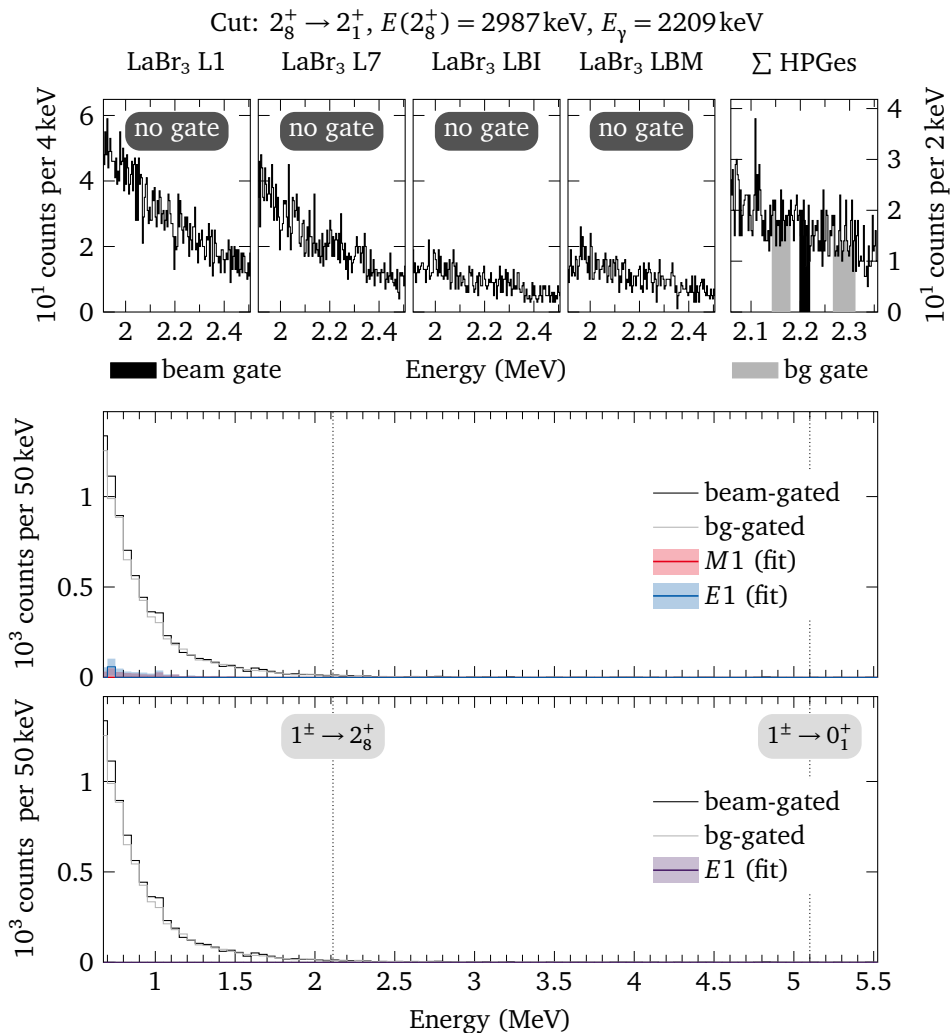


Figure 1.156: $E_{\text{beam}} = 5100 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

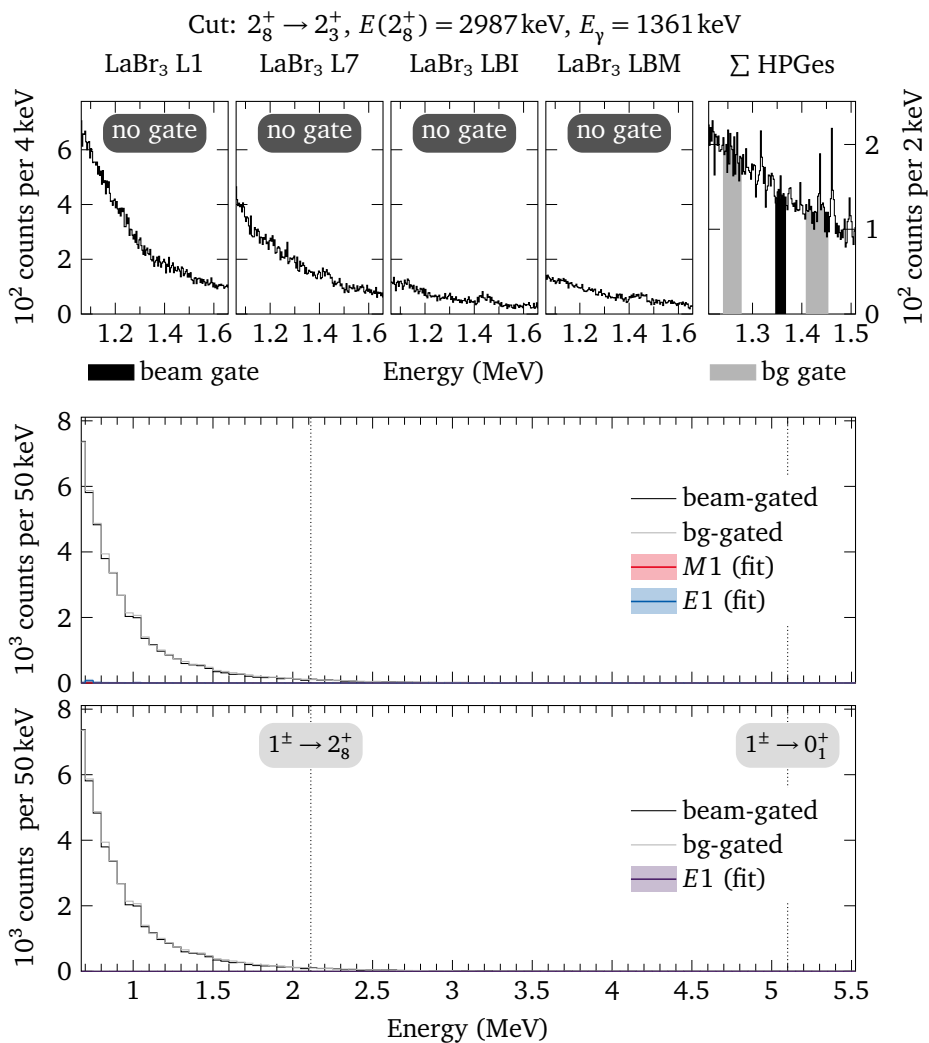


Figure 1.157: $E_{\text{beam}} = 5100 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

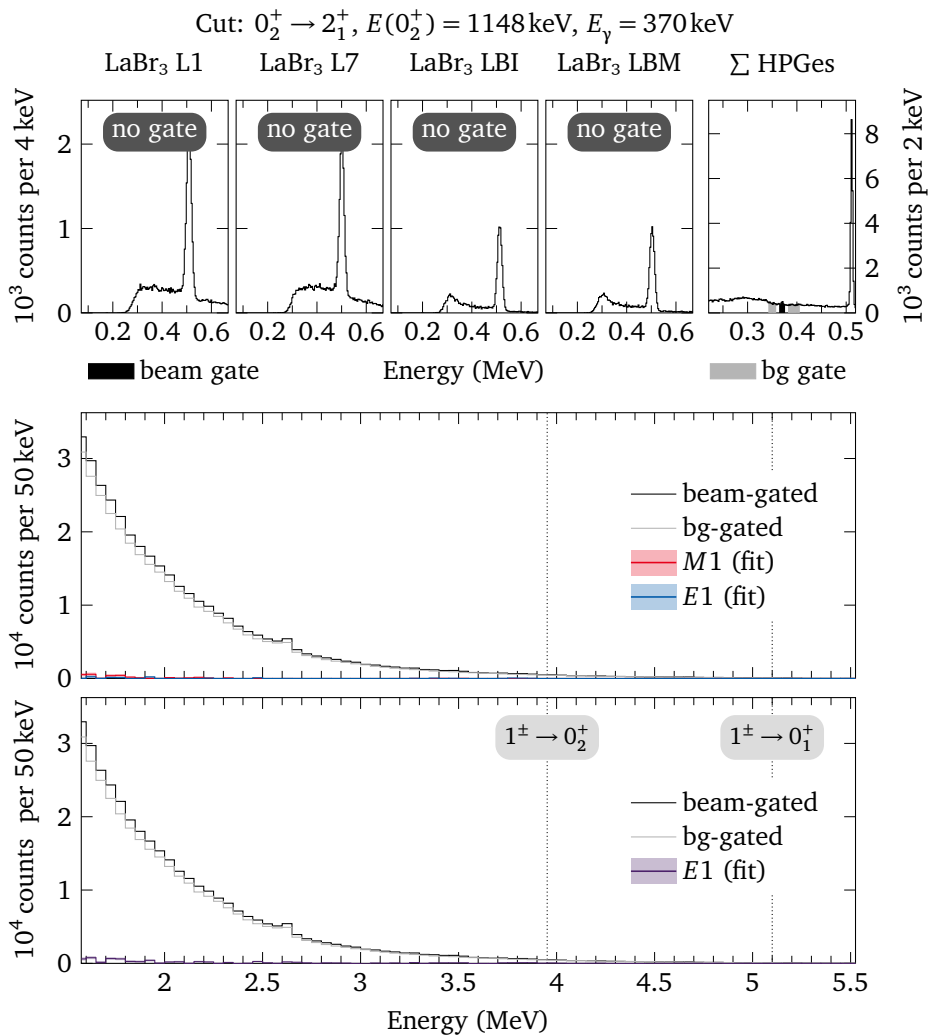


Figure 1.158: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

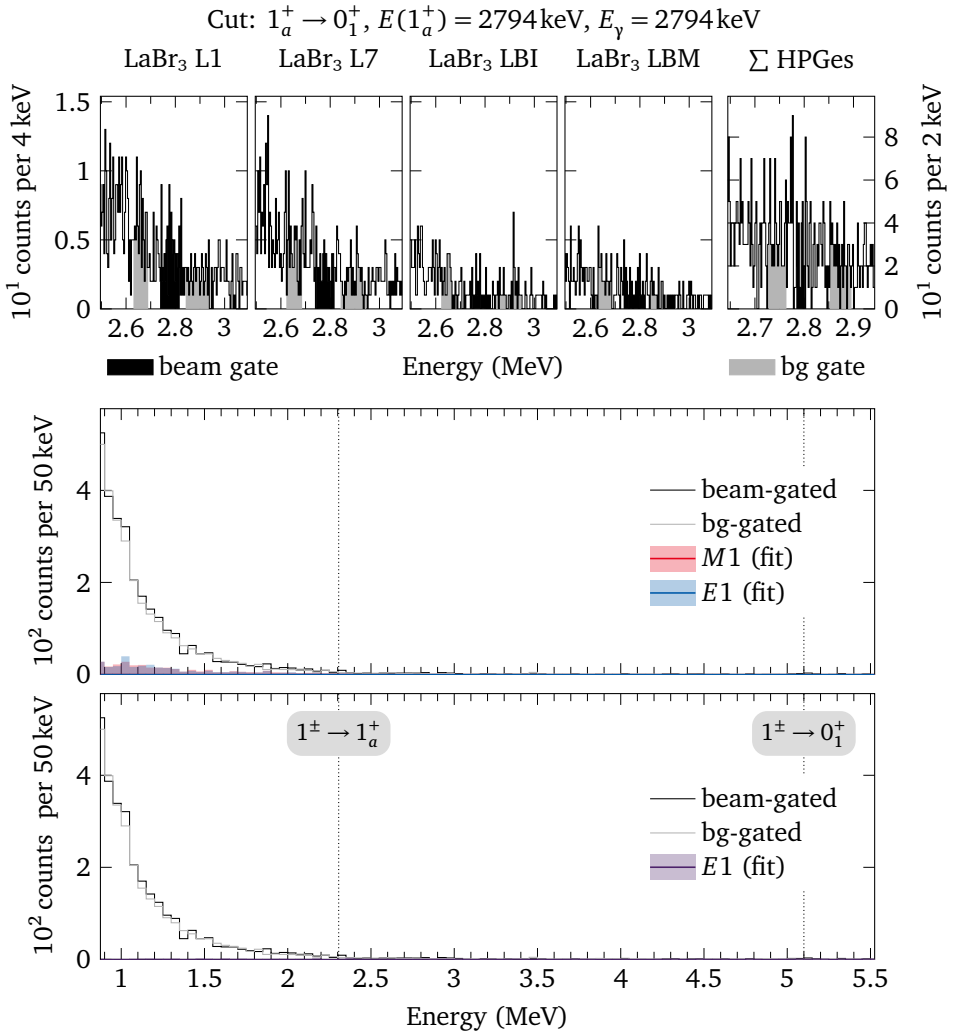


Figure 1.159: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

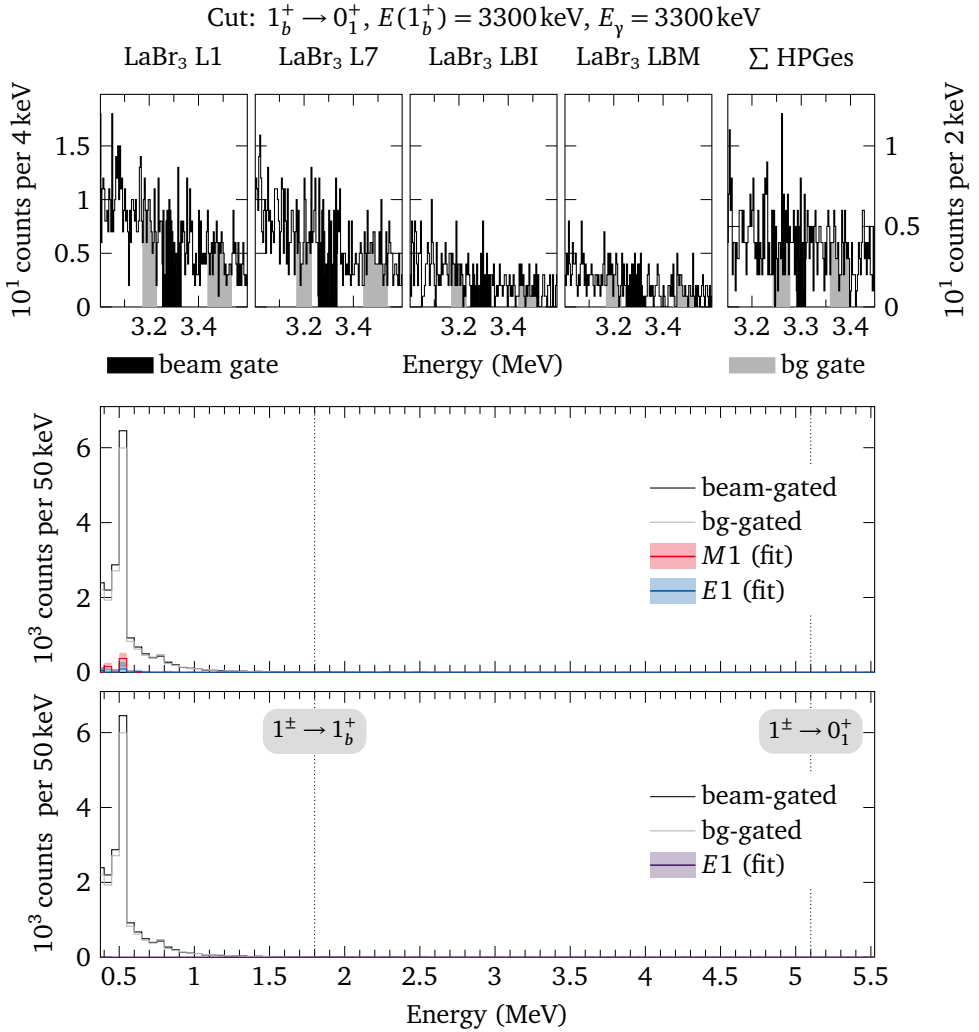


Figure 1.160: $E_{\text{beam}} = 5100\text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

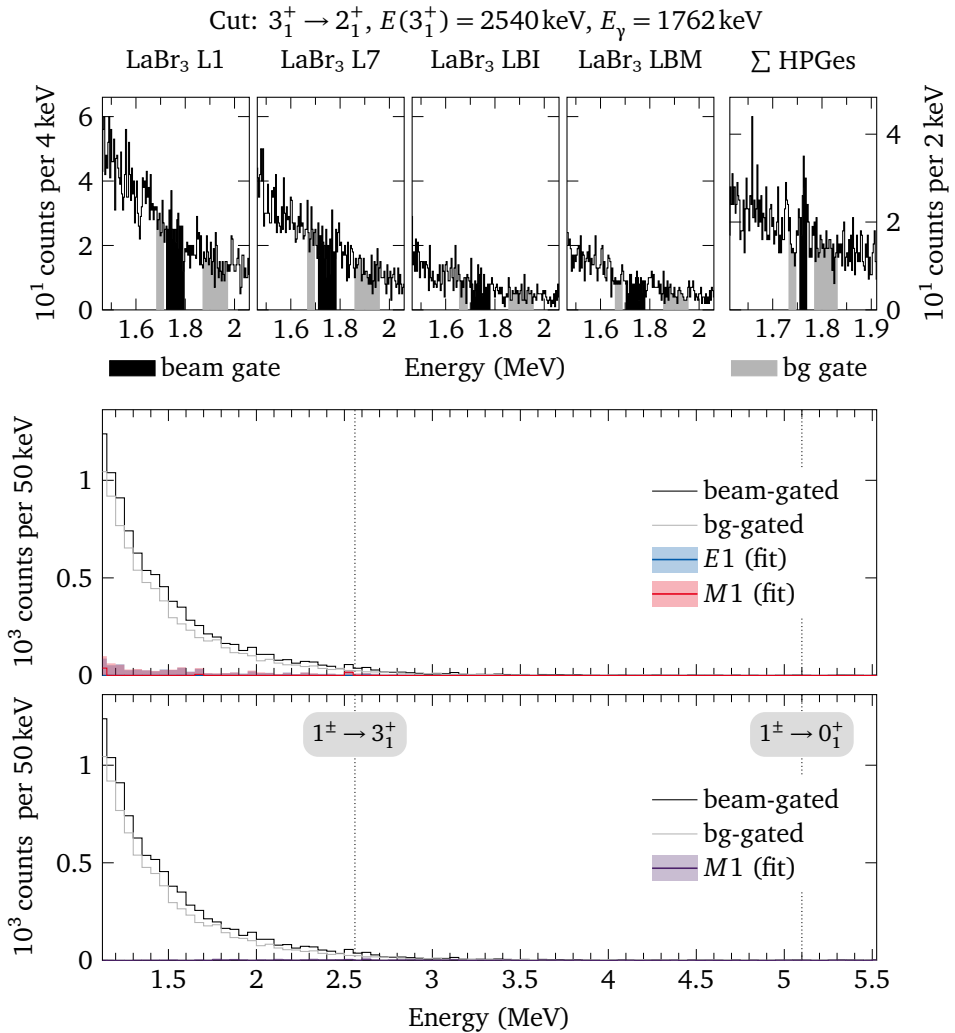


Figure 1.161: $E_{\text{beam}} = 5100 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

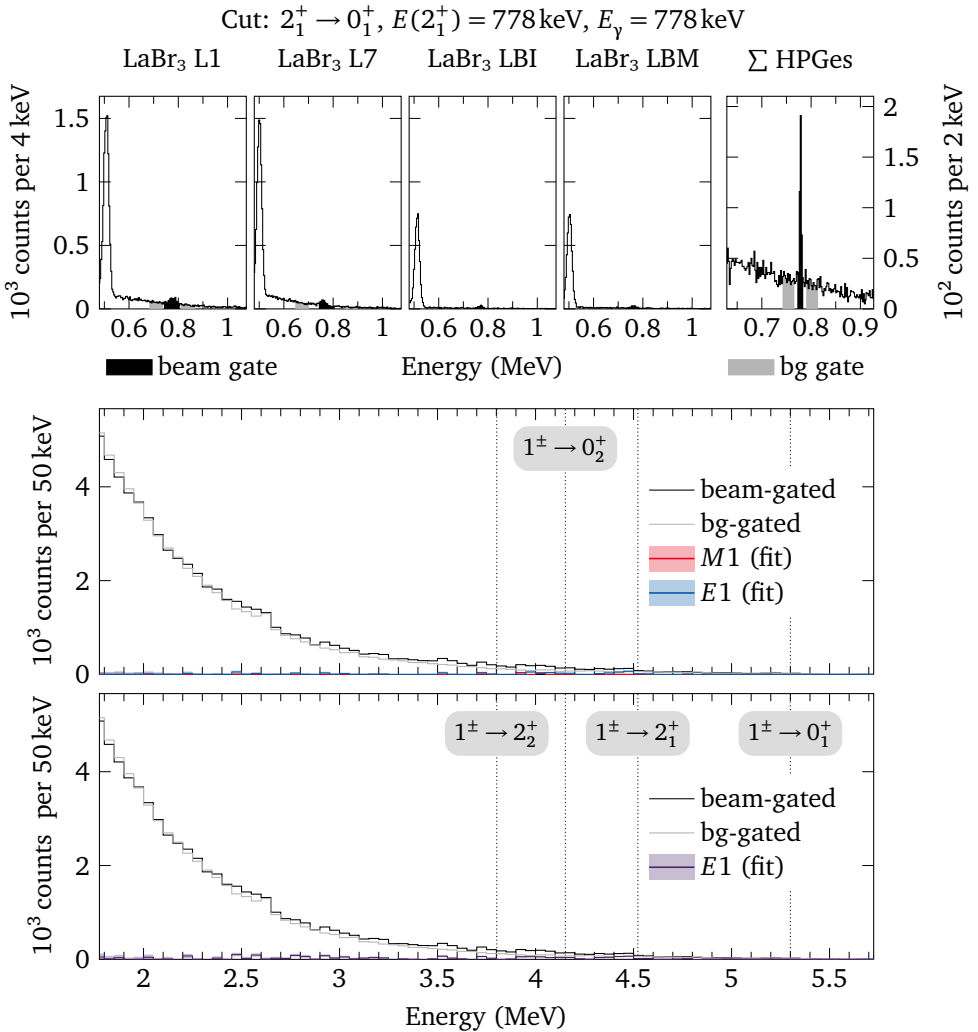


Figure 1.162: $E_{\text{beam}} = 5300 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

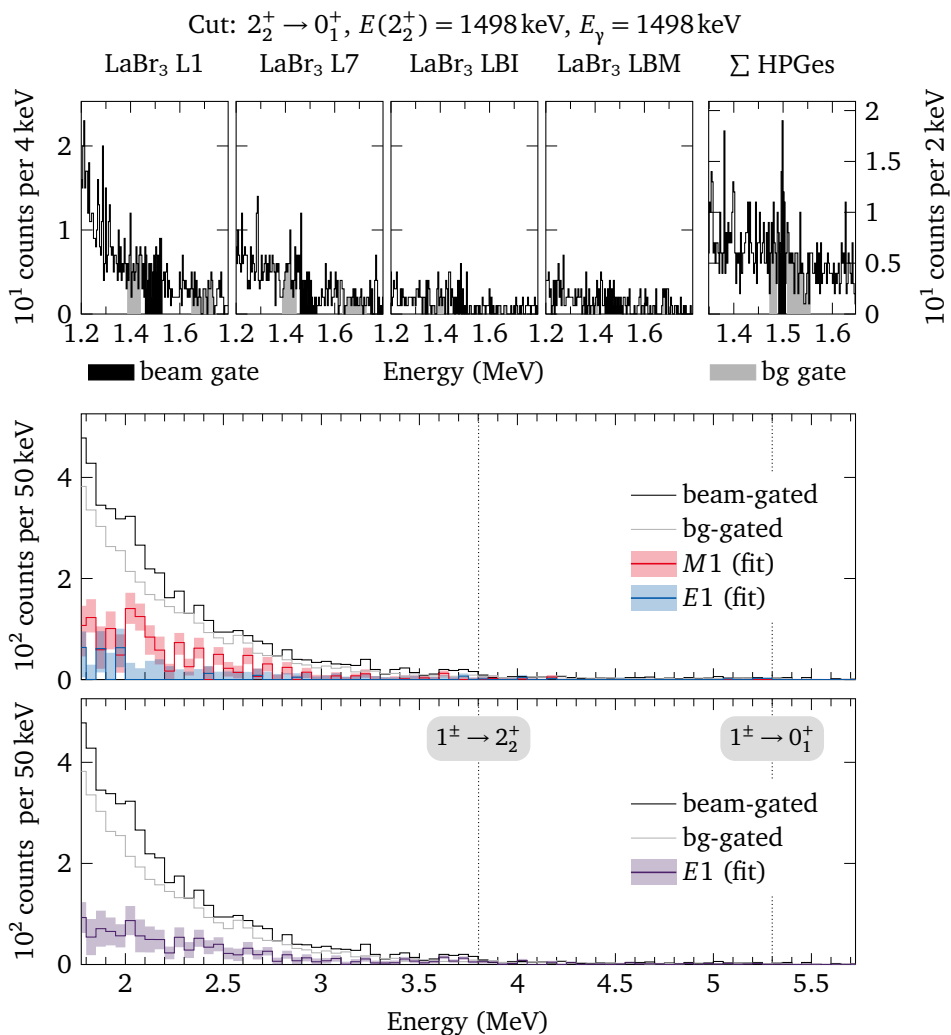


Figure 1.165: $E_{\text{beam}} = 5300 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

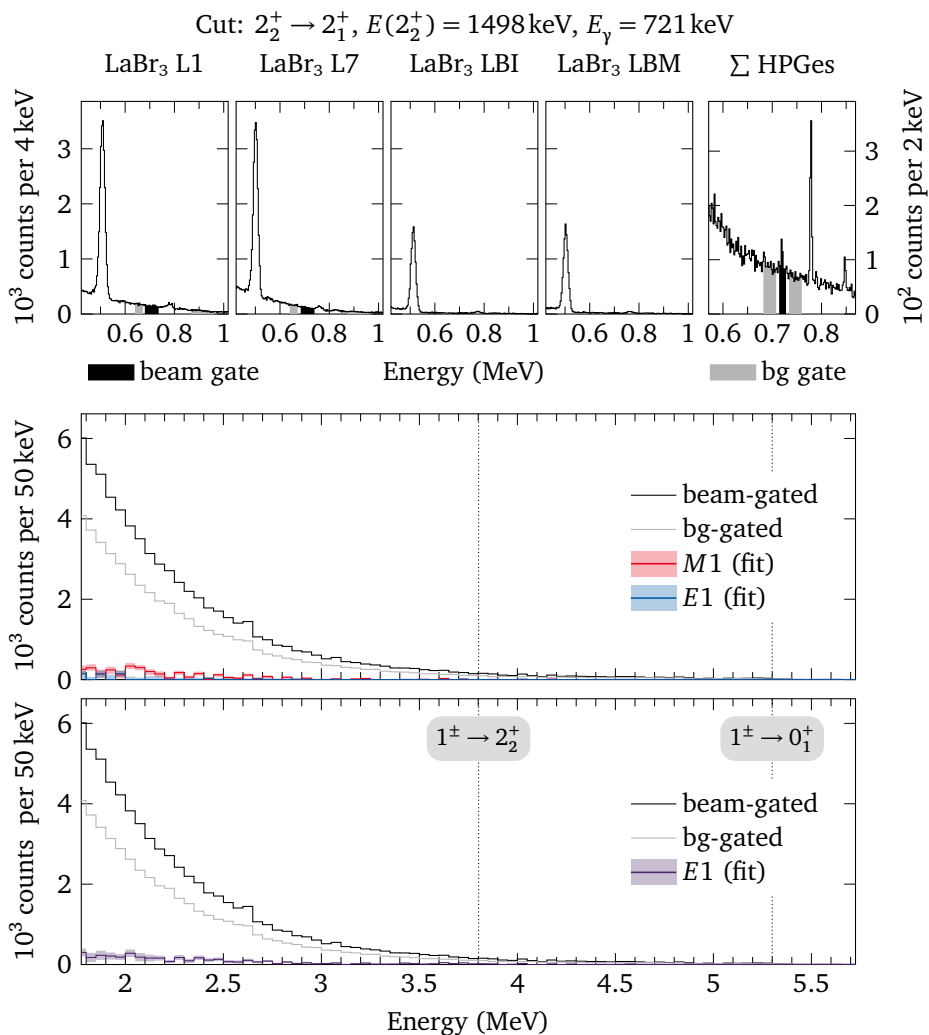


Figure 1.166: $E_{\text{beam}} = 5300 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

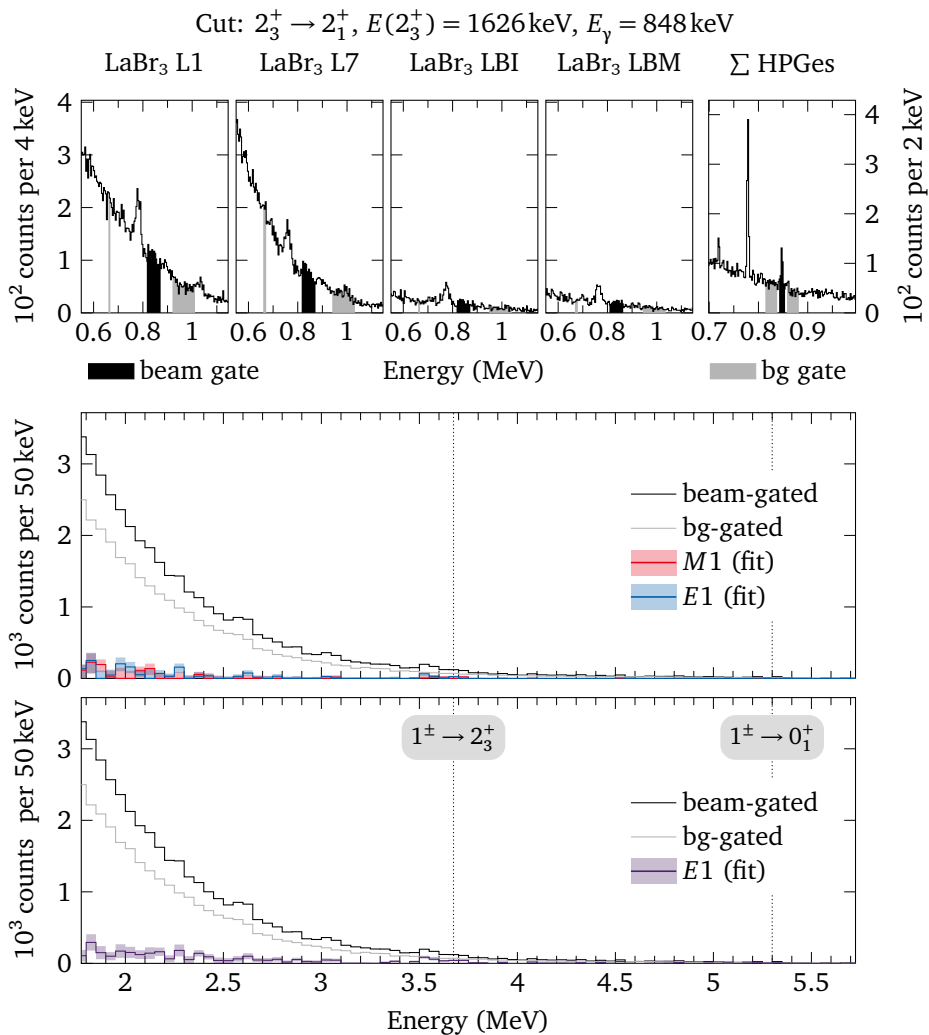


Figure 1.167: $E_{\text{beam}} = 5300 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

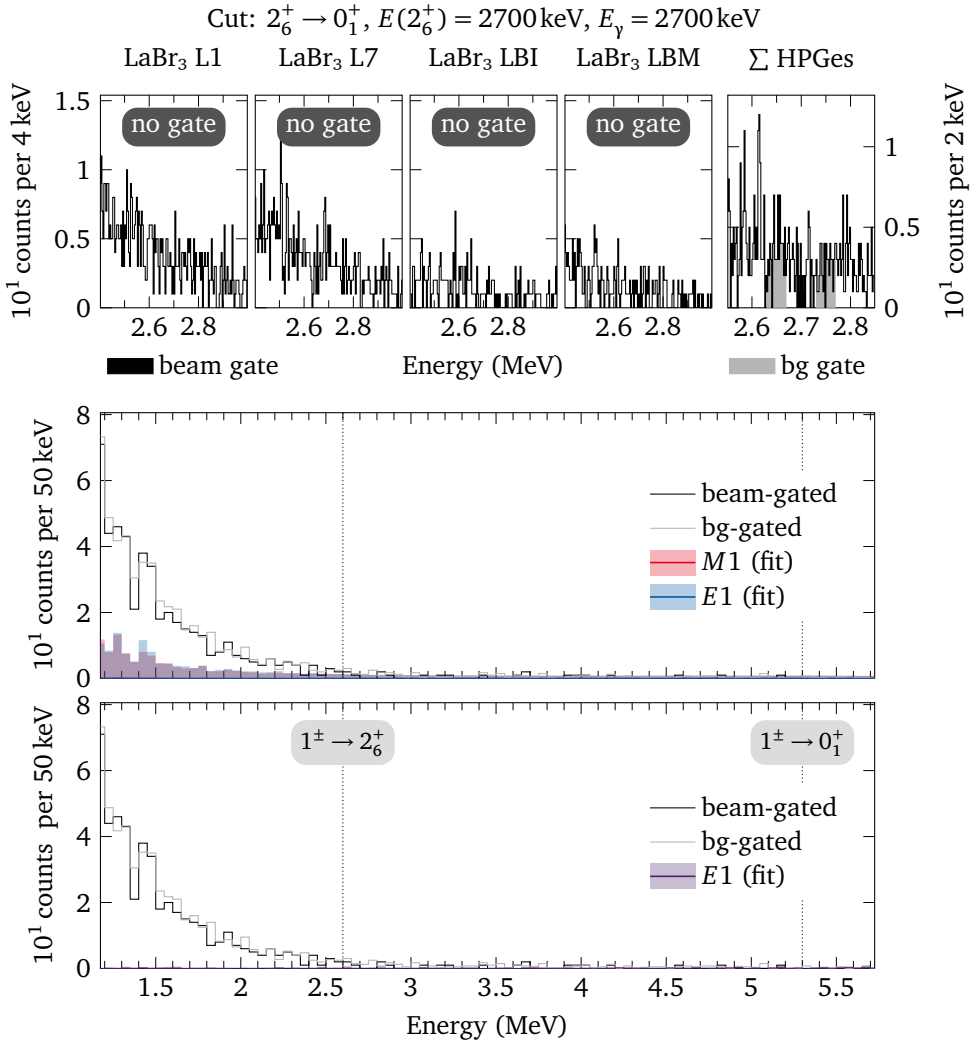


Figure 1.170: $E_{\text{beam}} = 5300 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

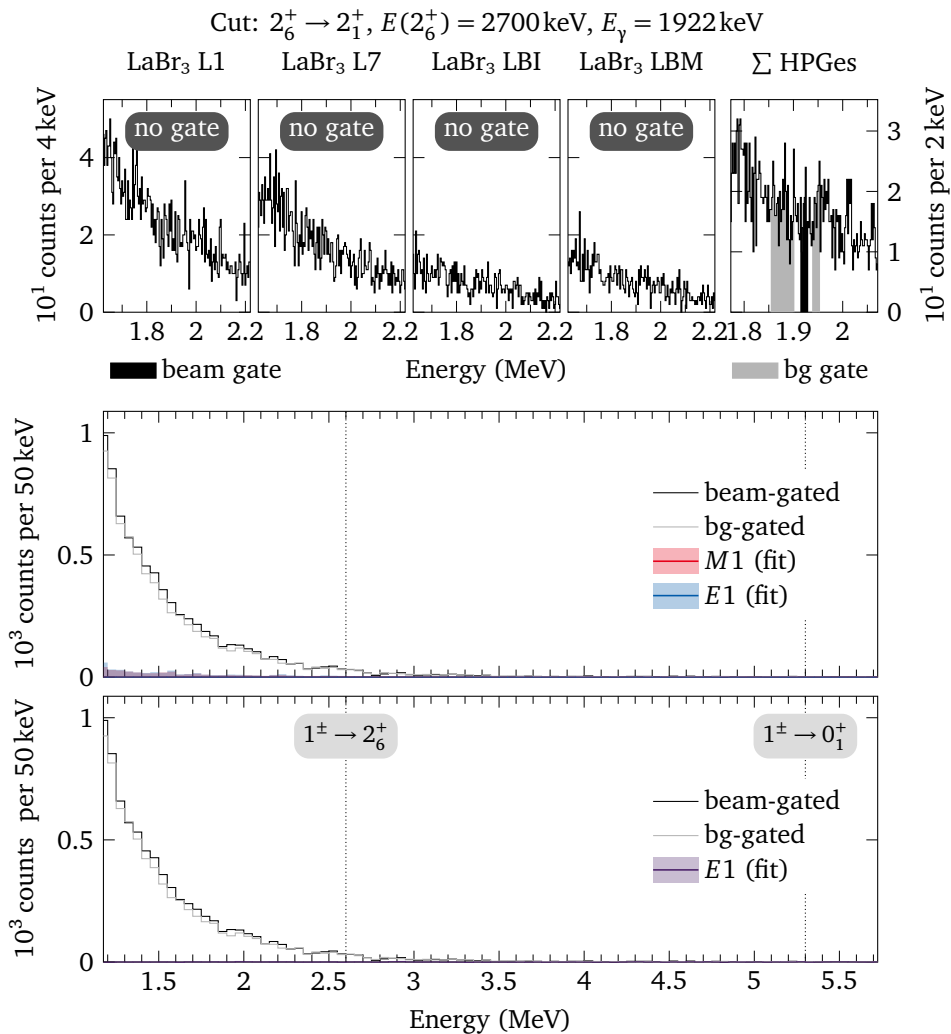


Figure 1.171: $E_{\text{beam}} = 5300 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

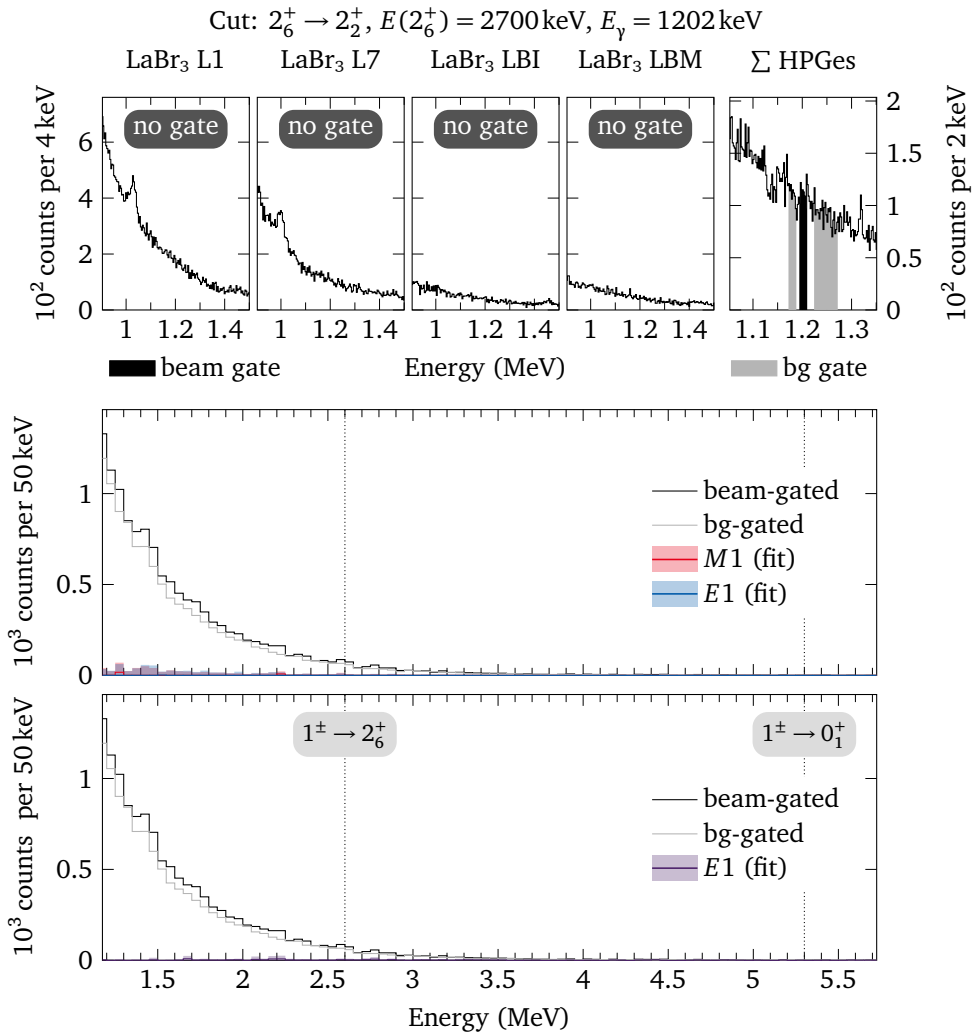


Figure 1.172: $E_{\text{beam}} = 5300 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

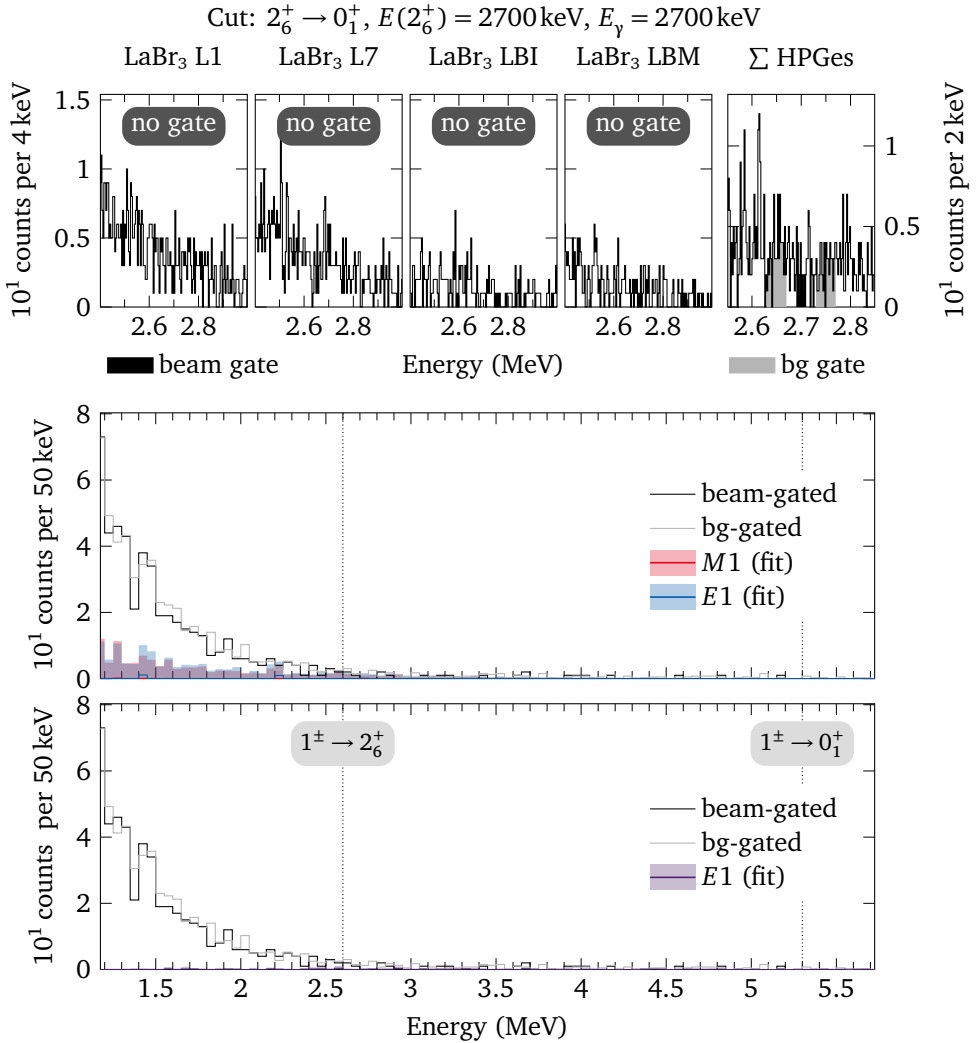


Figure 1.173: $E_{\text{beam}} = 5300\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

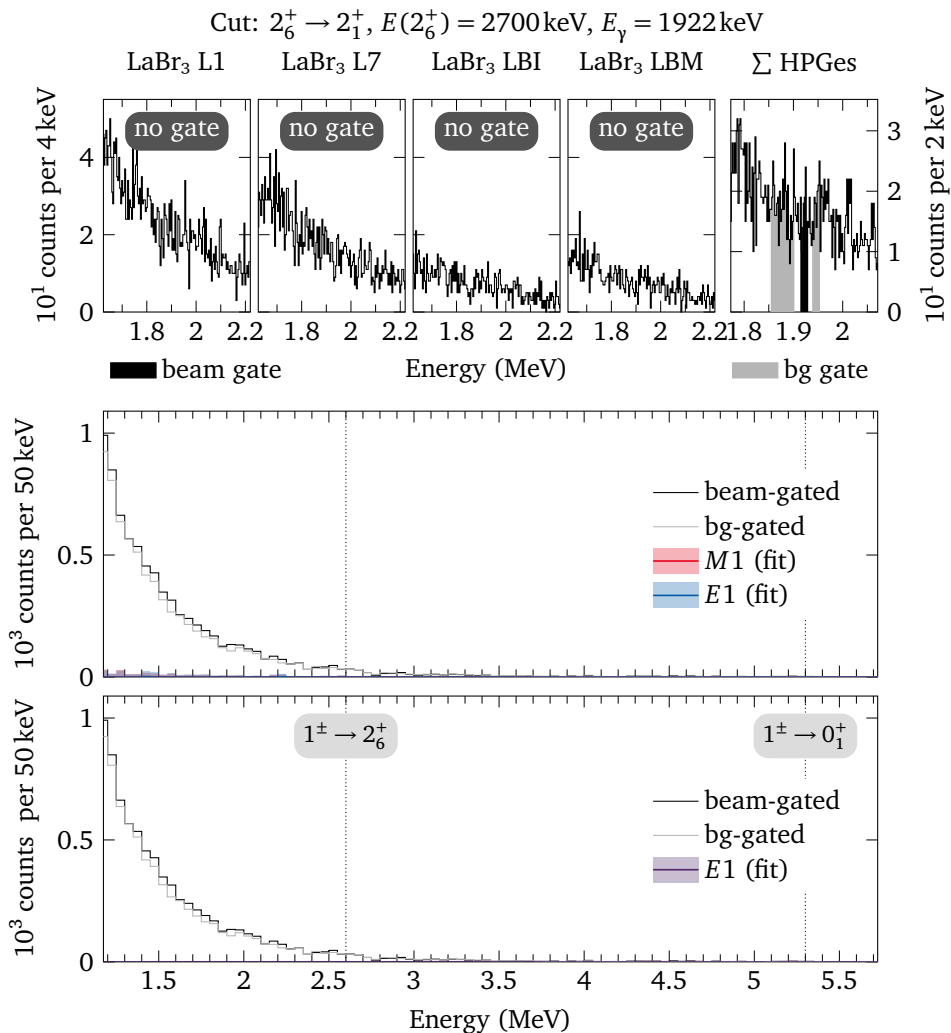


Figure 1.174: $E_{\text{beam}} = 5300\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

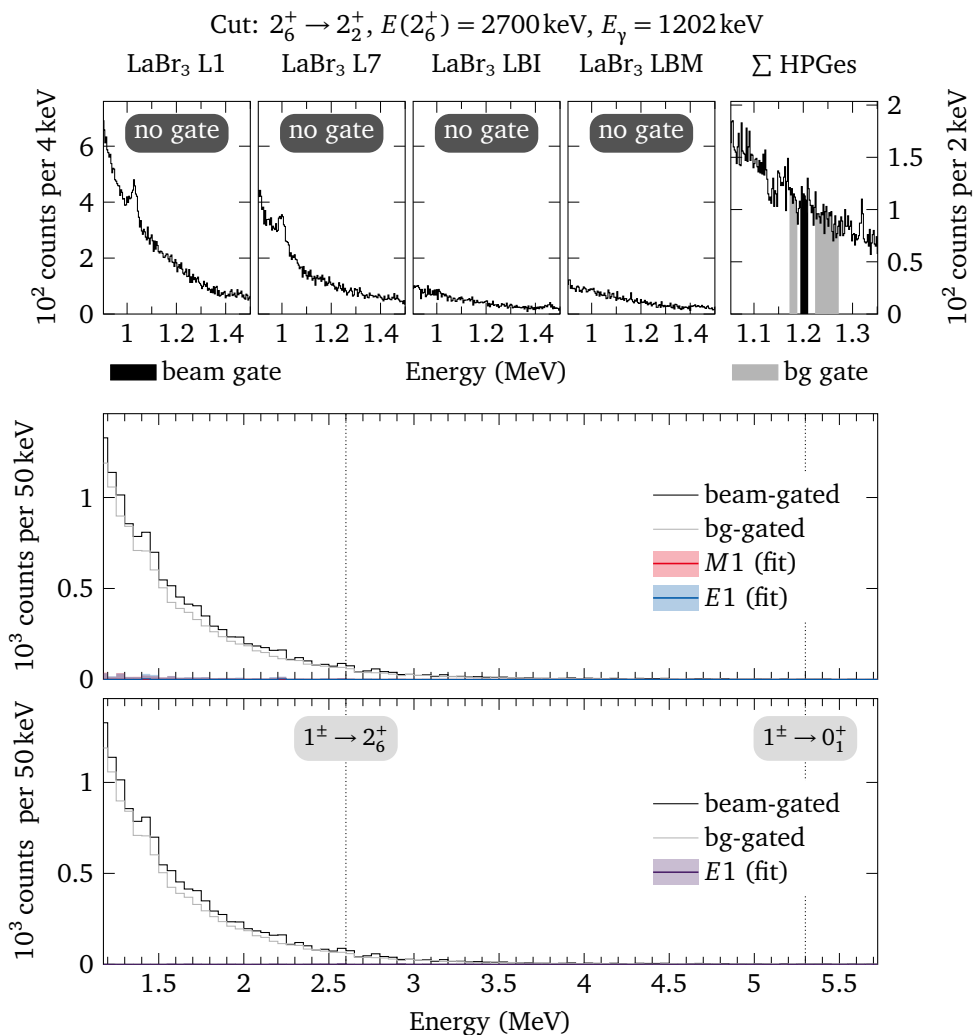


Figure 1.175: $E_{\text{beam}} = 5300 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

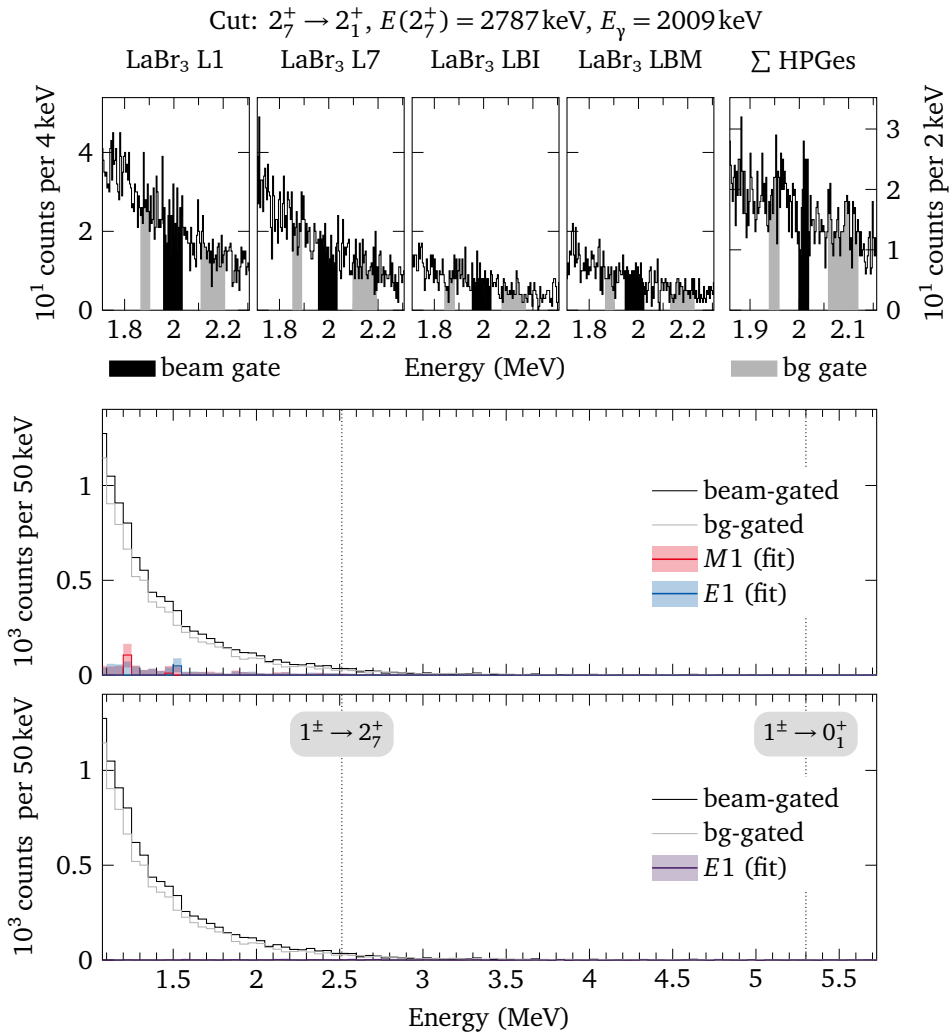


Figure 1.176: $E_{\text{beam}} = 5300 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

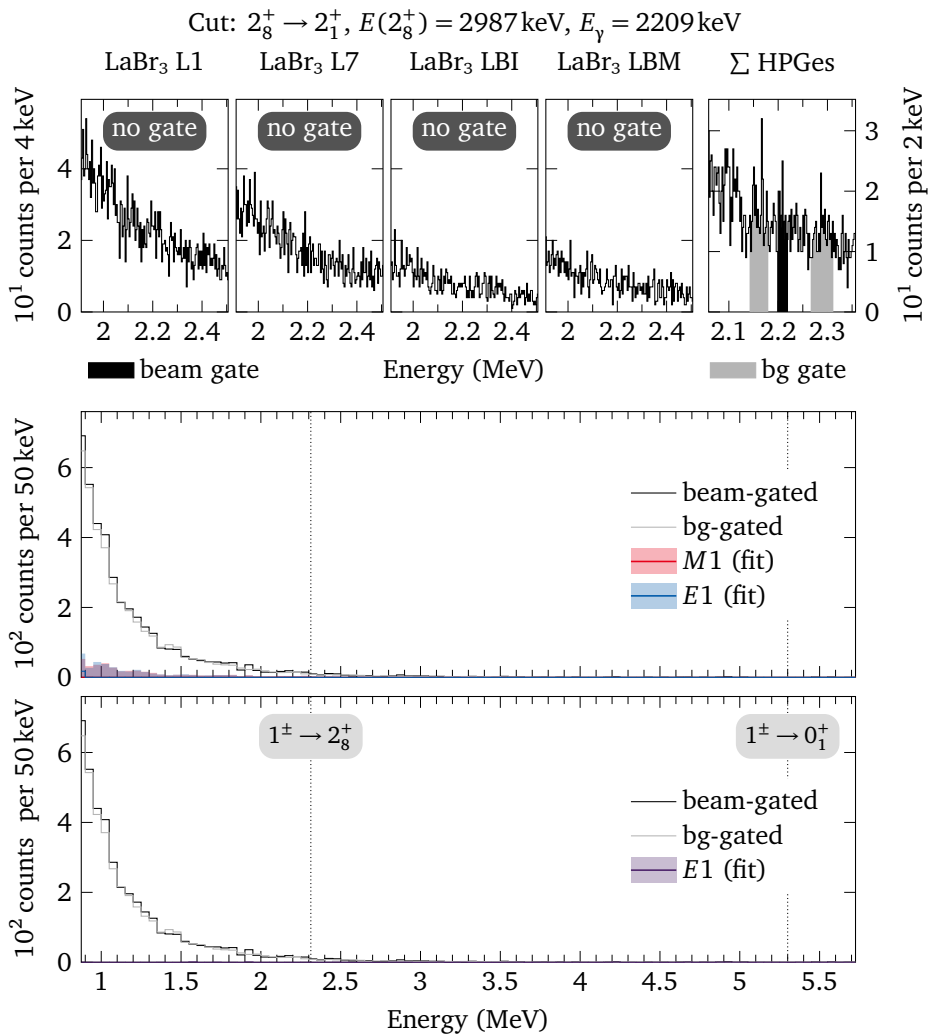


Figure 1.177: $E_{\text{beam}} = 5300 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

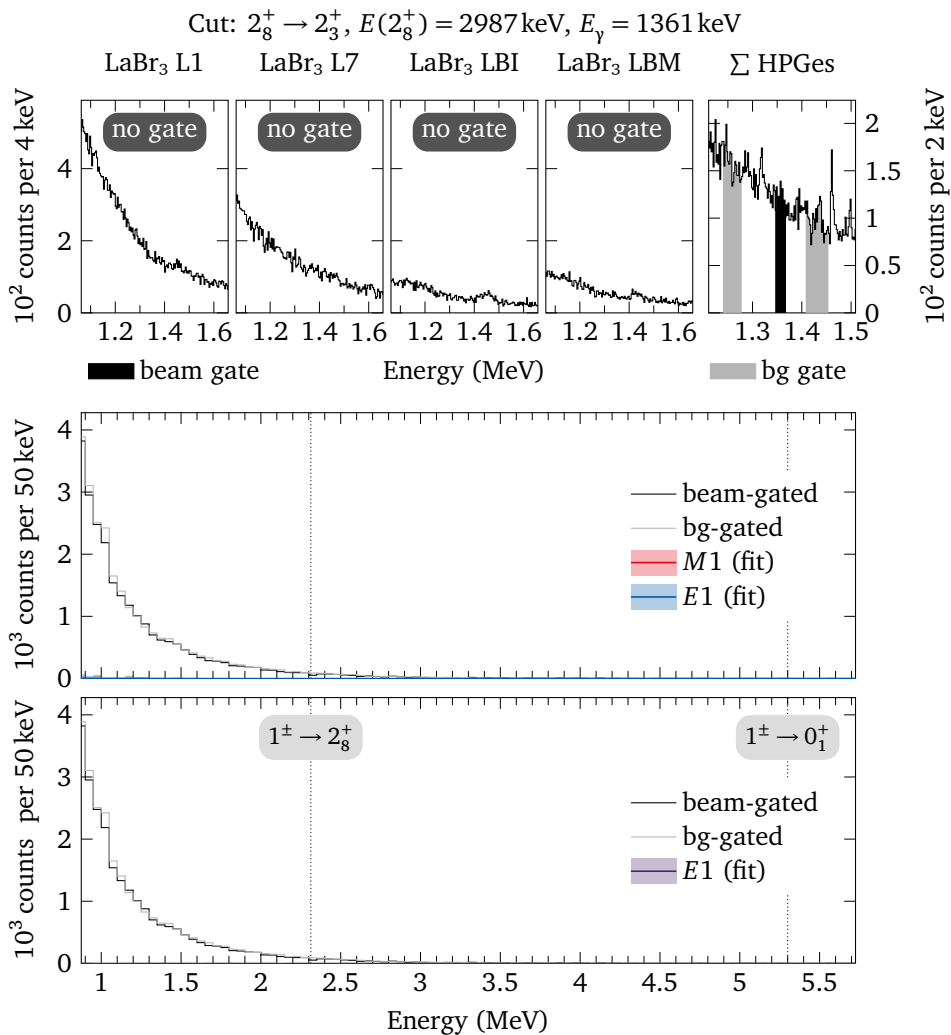


Figure 1.178: $E_{\text{beam}} = 5300 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

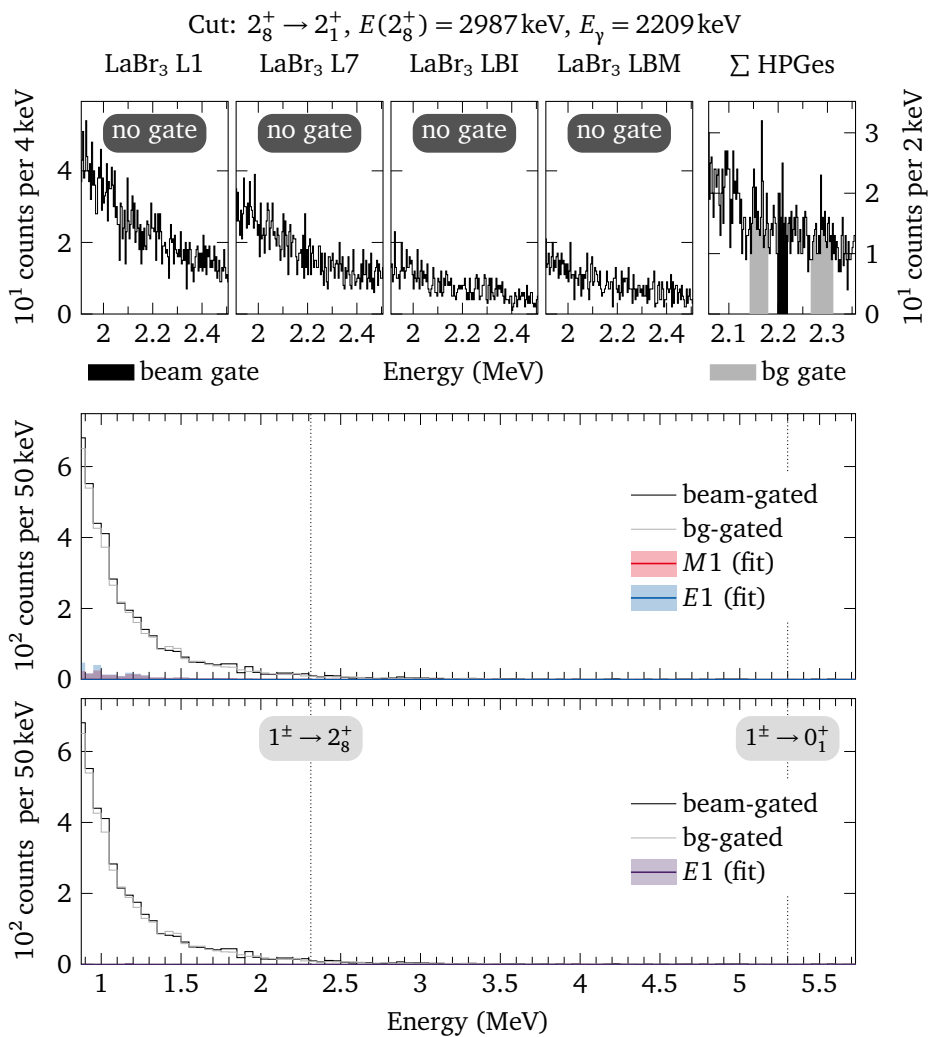


Figure 1.179: $E_{\text{beam}} = 5300 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

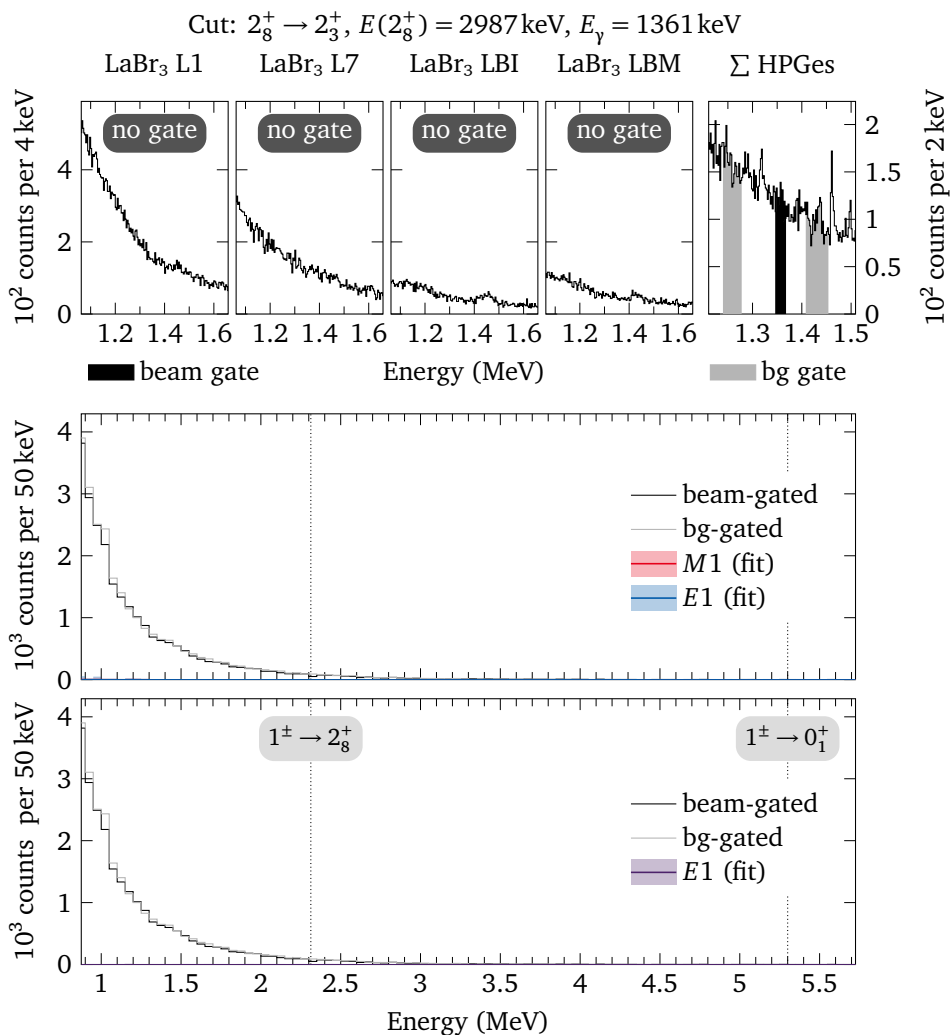


Figure 1.180: $E_{\text{beam}} = 5300 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

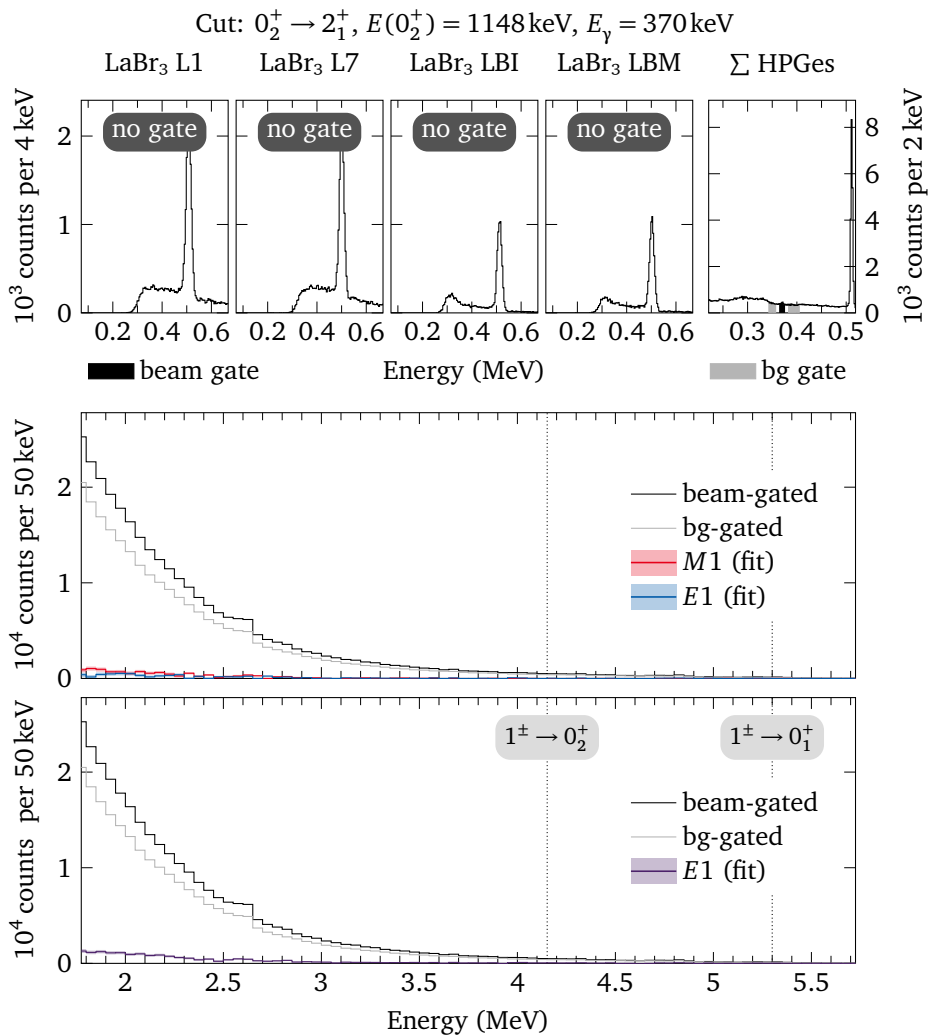


Figure 1.181: $E_{\text{beam}} = 5300 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

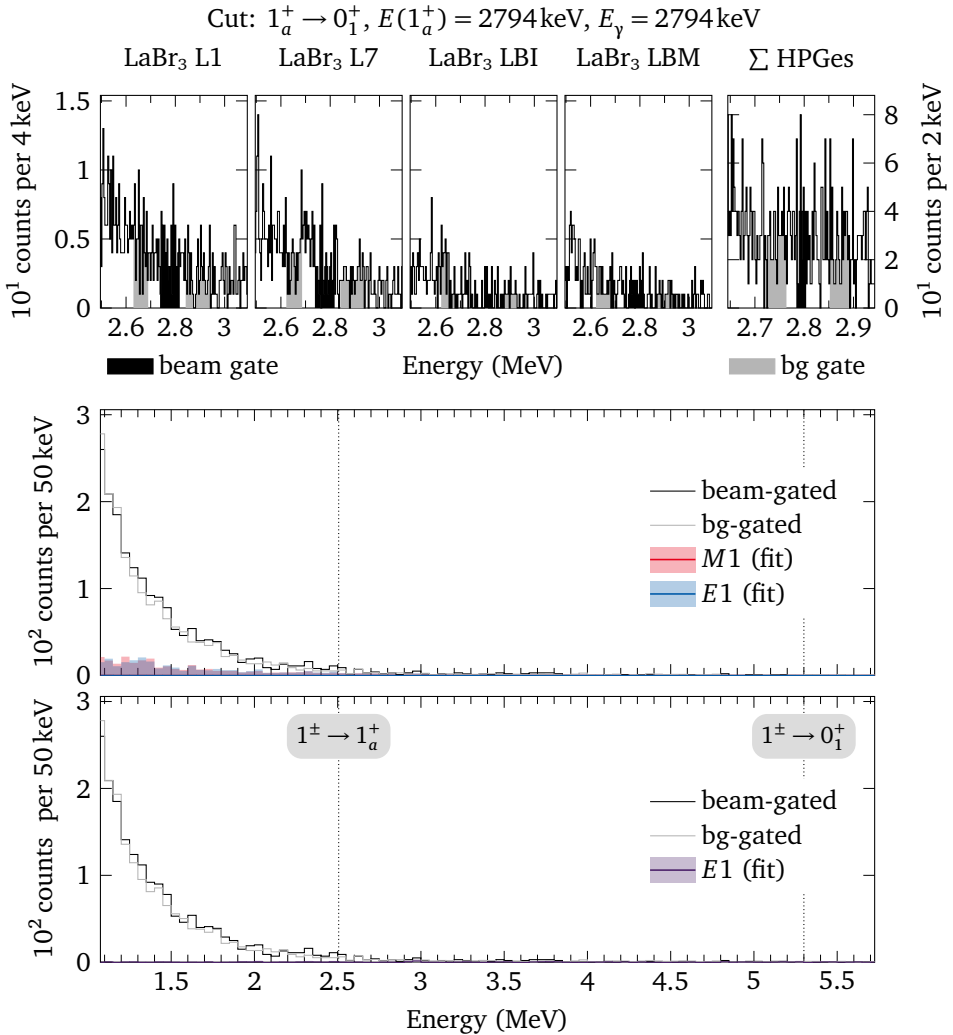


Figure 1.182: $E_{\text{beam}} = 5300\text{keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

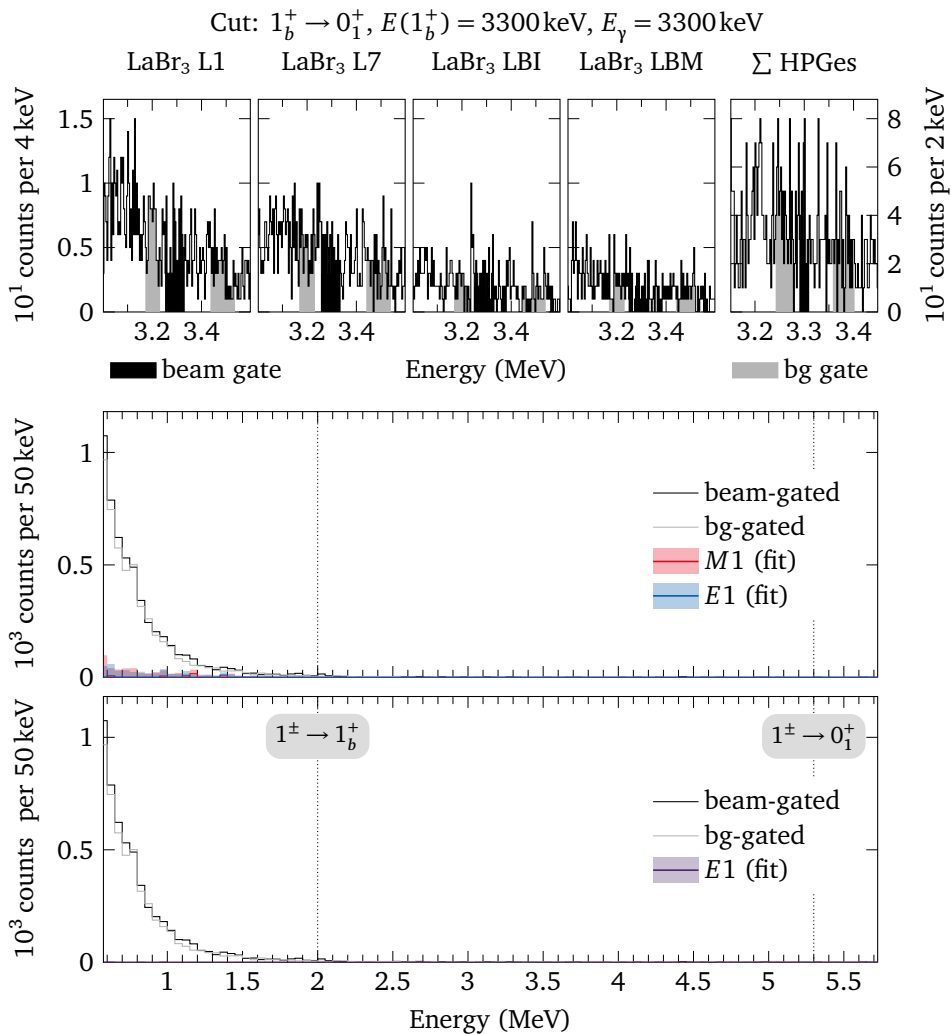


Figure 1.183: $E_{\text{beam}} = 5300 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

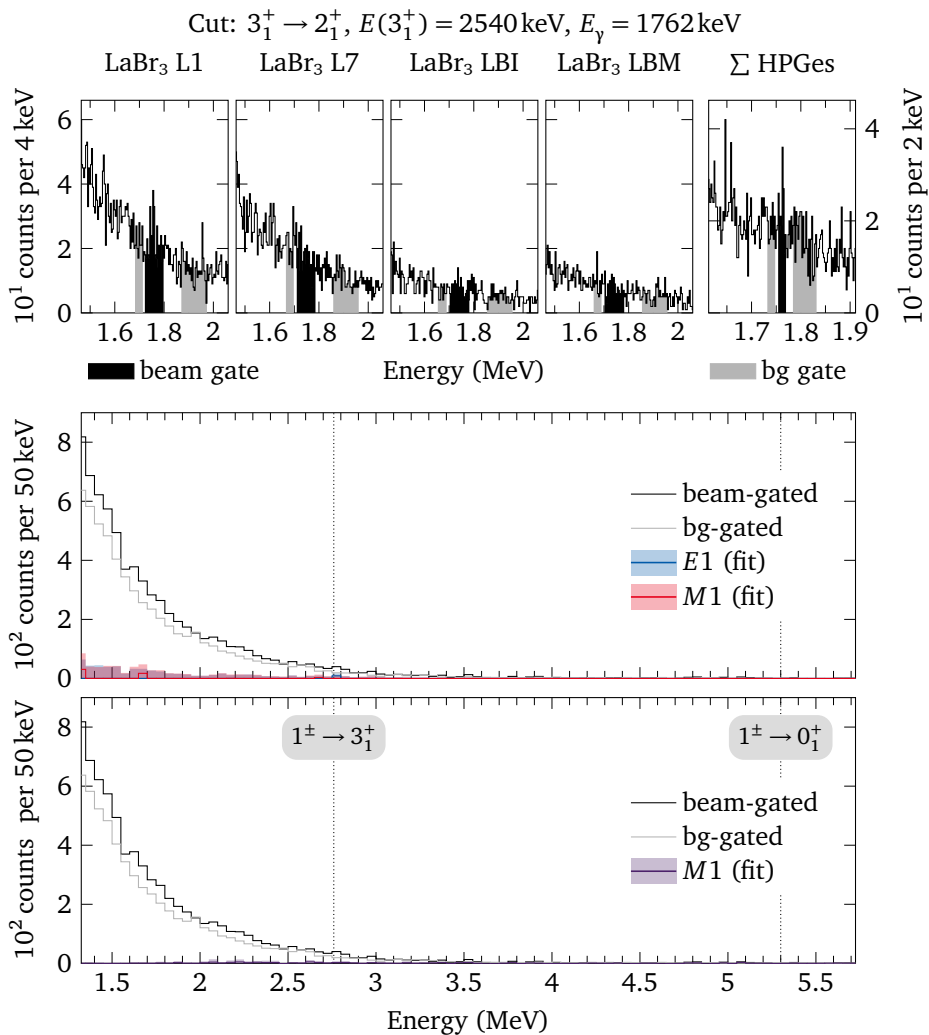


Figure 1.184: $E_{\text{beam}} = 5300 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

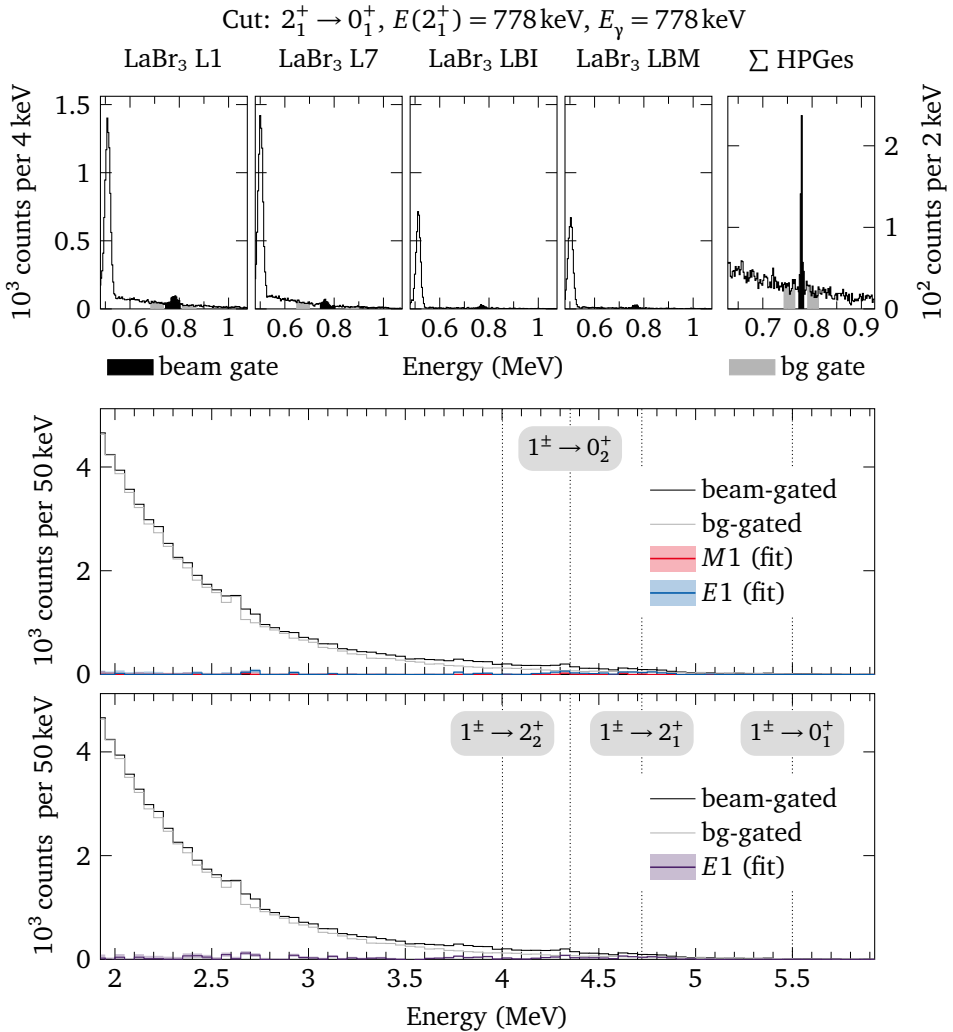


Figure 1.185: $E_{\text{beam}} = 5500 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

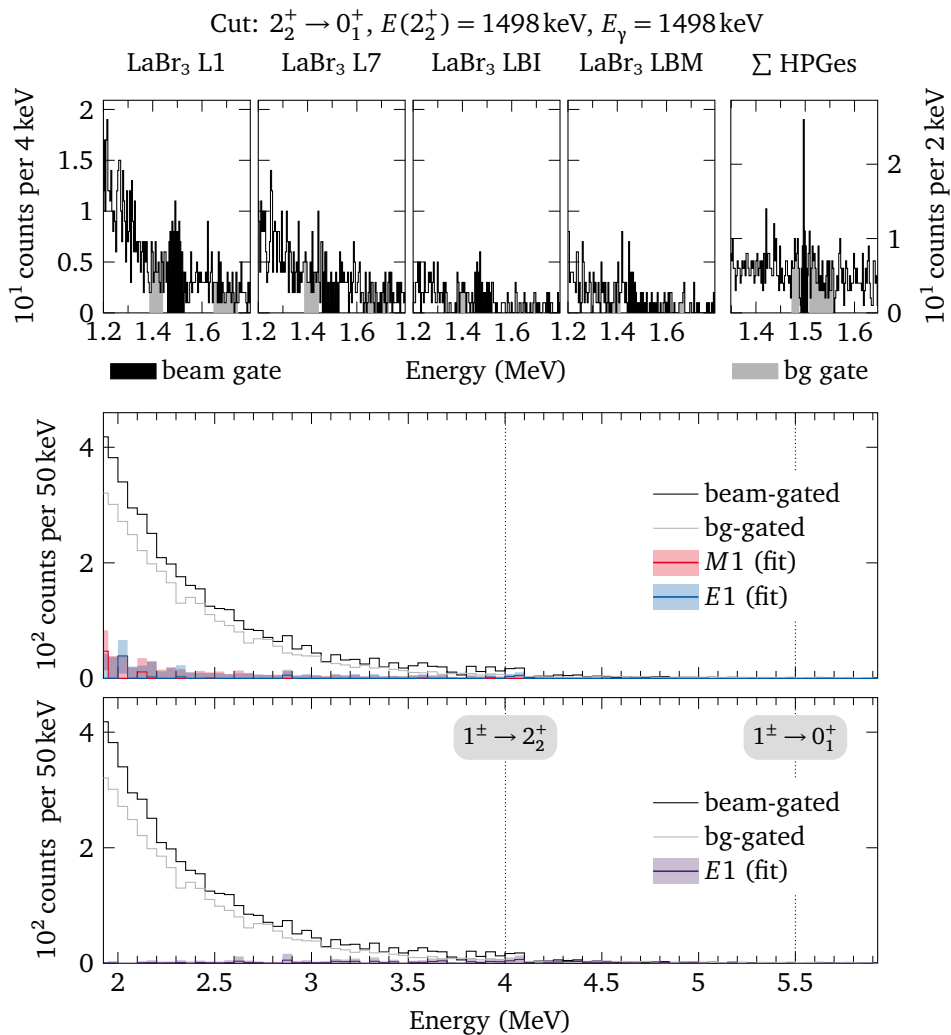


Figure 1.186: $E_{\text{beam}} = 5500 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

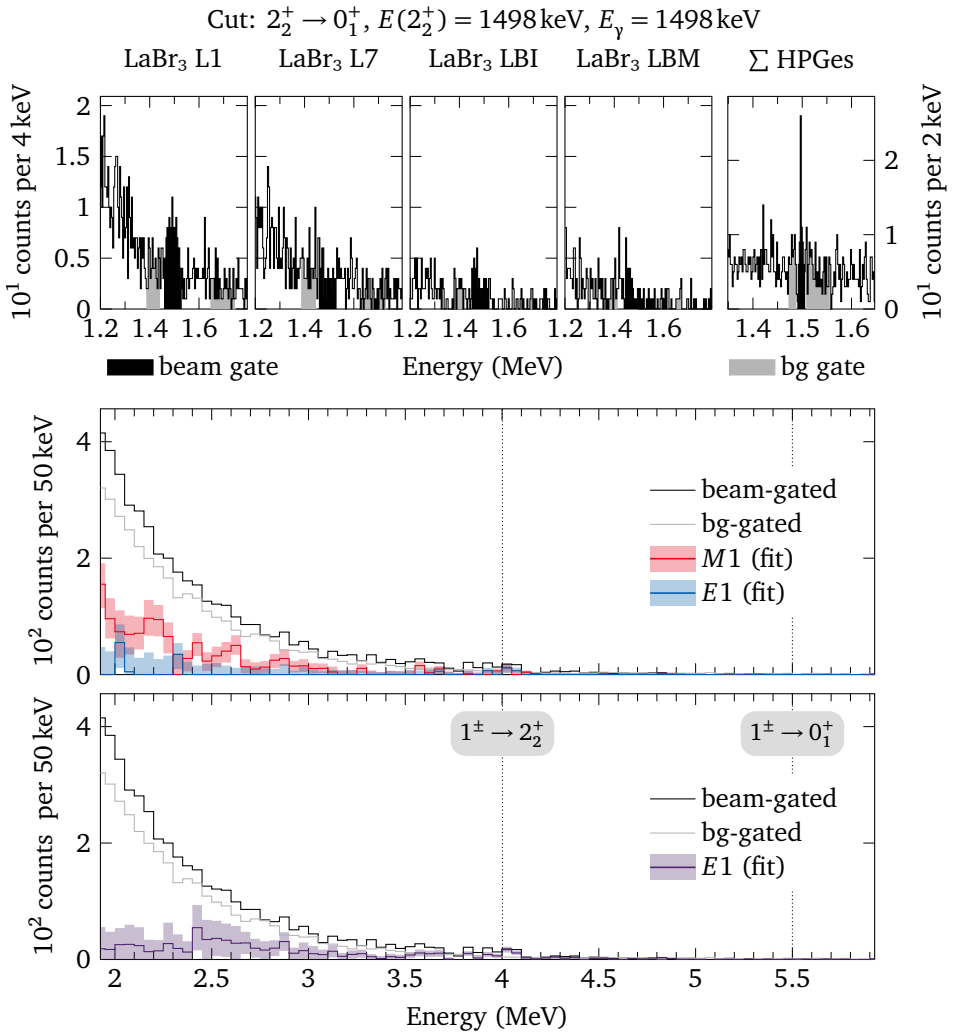


Figure 1.188: $E_{\text{beam}} = 5500 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

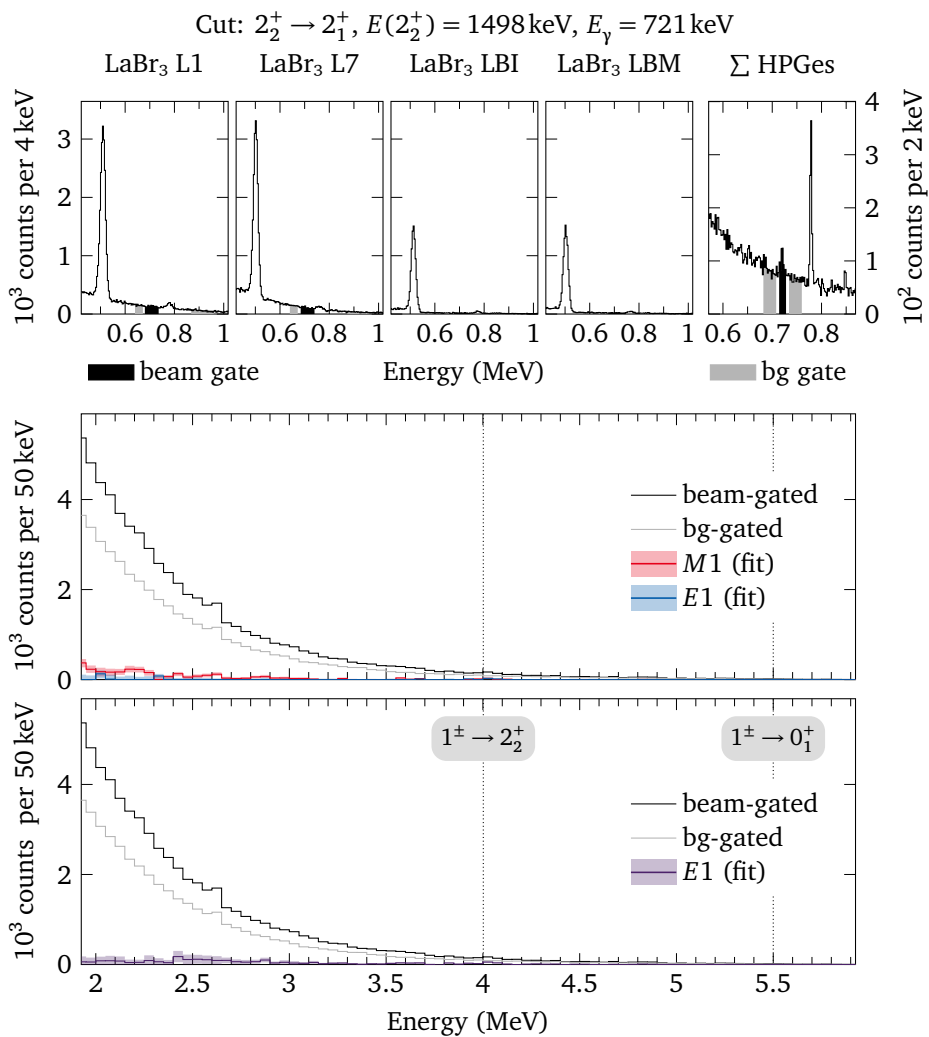


Figure 1.189: $E_{\text{beam}} = 5500 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

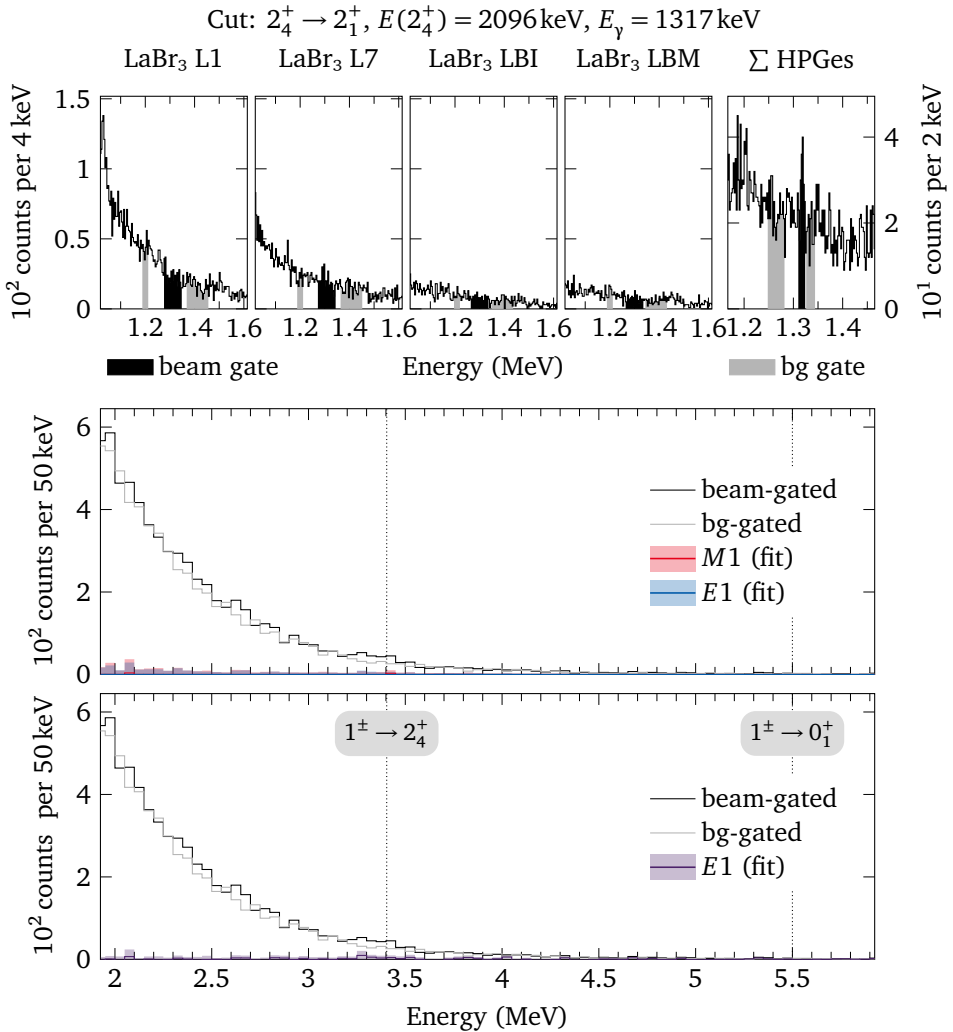


Figure 1.191: $E_{\text{beam}} = 5500 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

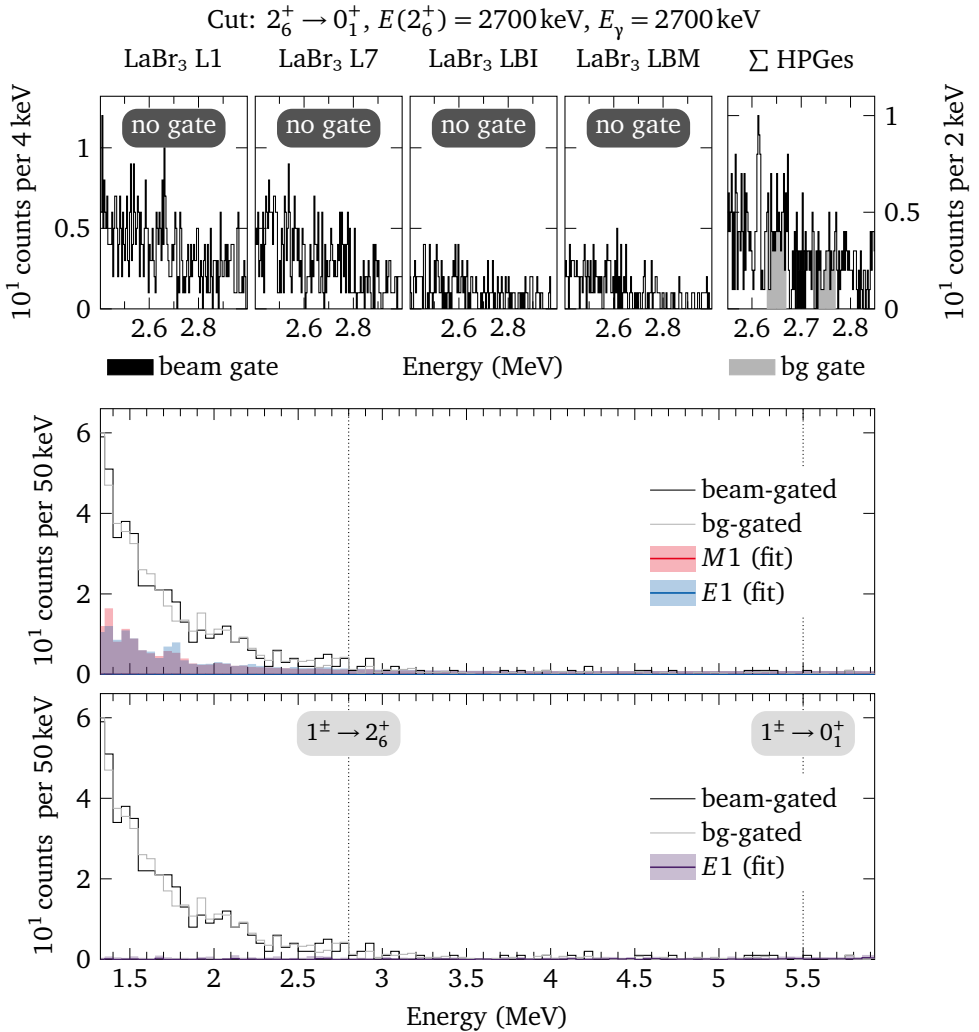


Figure 1.193: $E_{\text{beam}} = 5500 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

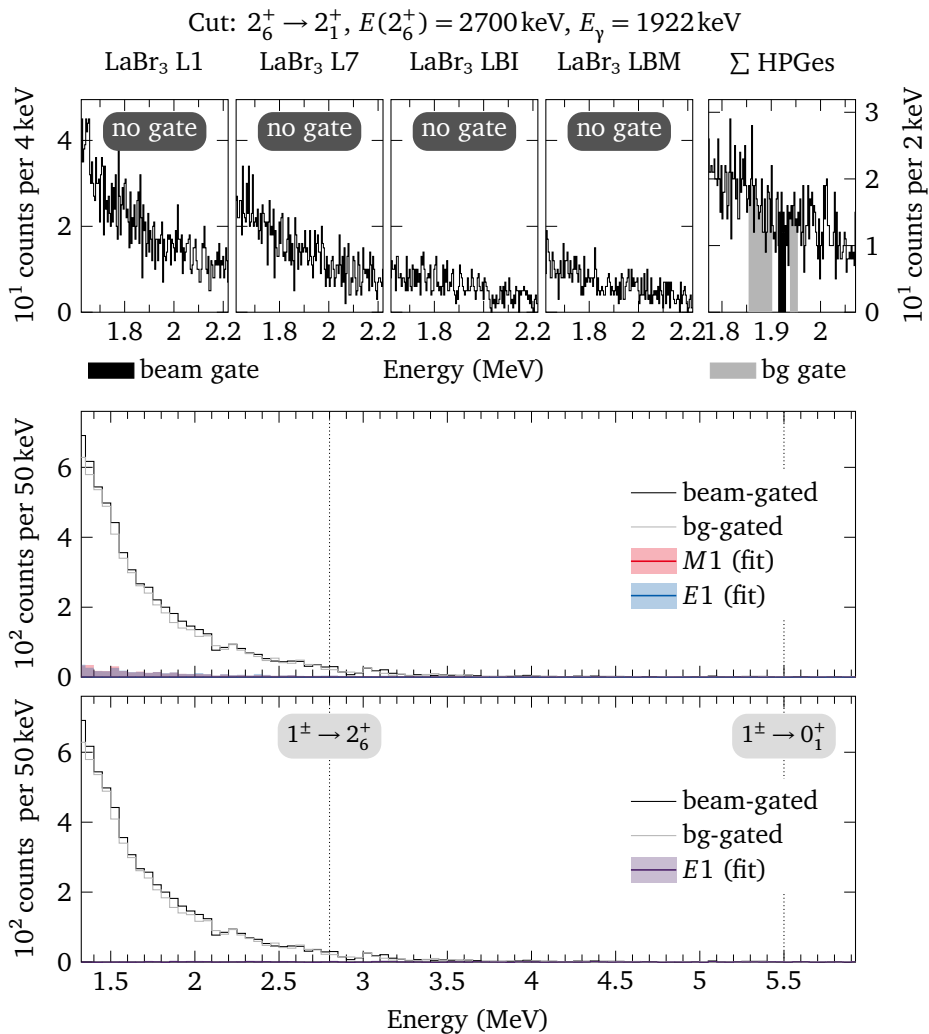


Figure 1.194: $E_{\text{beam}} = 5500 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

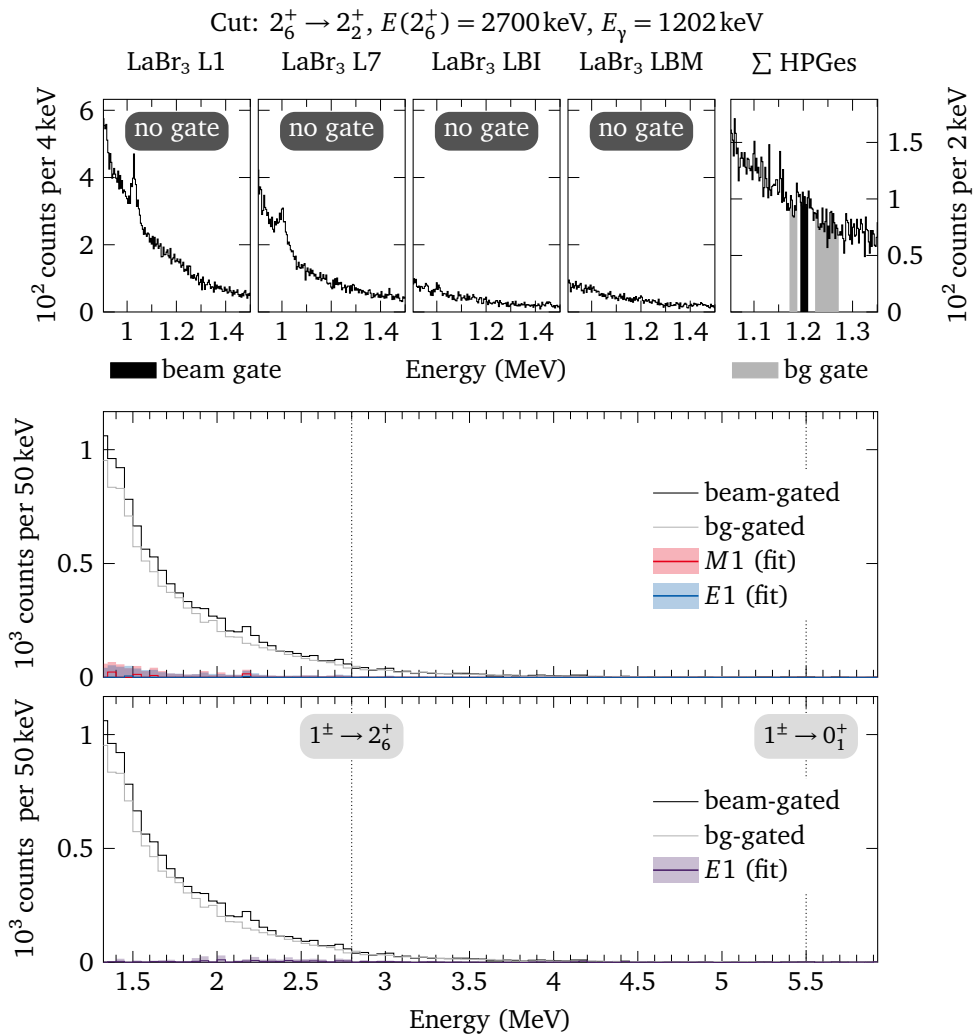


Figure 1.195: $E_{\text{beam}} = 5500 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

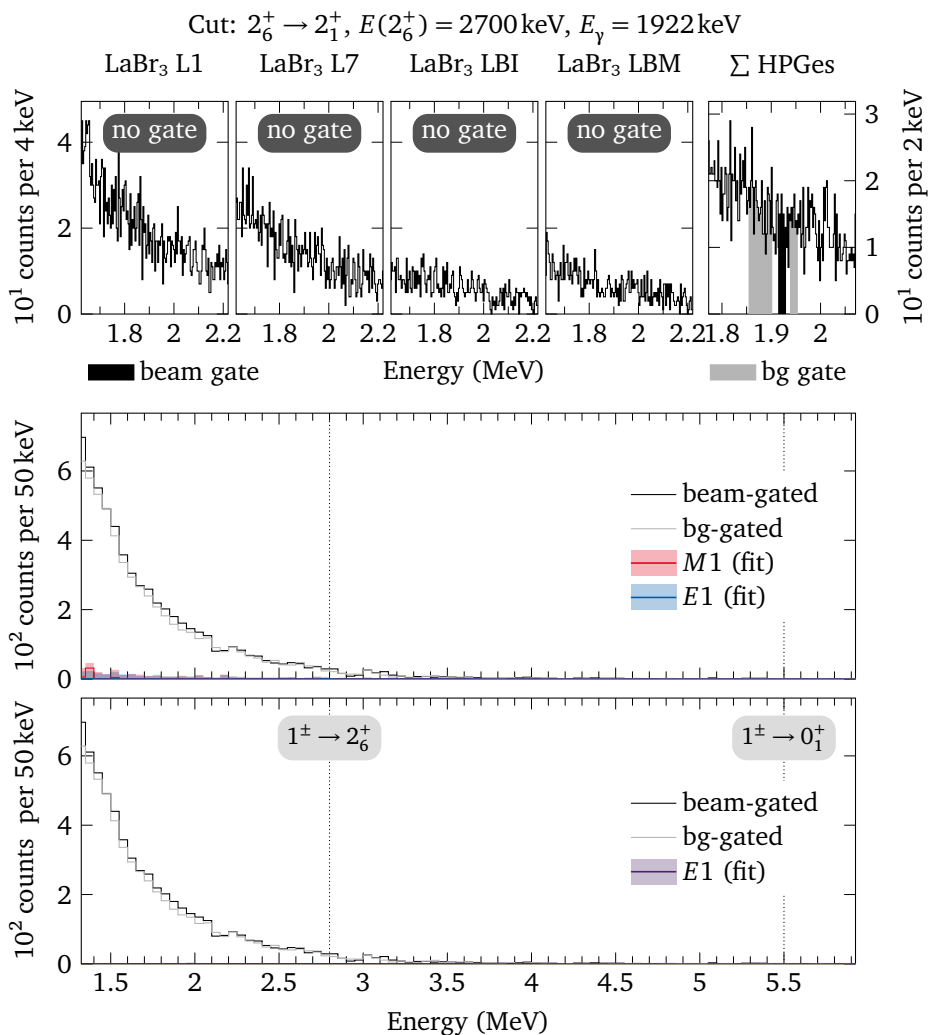


Figure 1.197: $E_{\text{beam}} = 5500 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

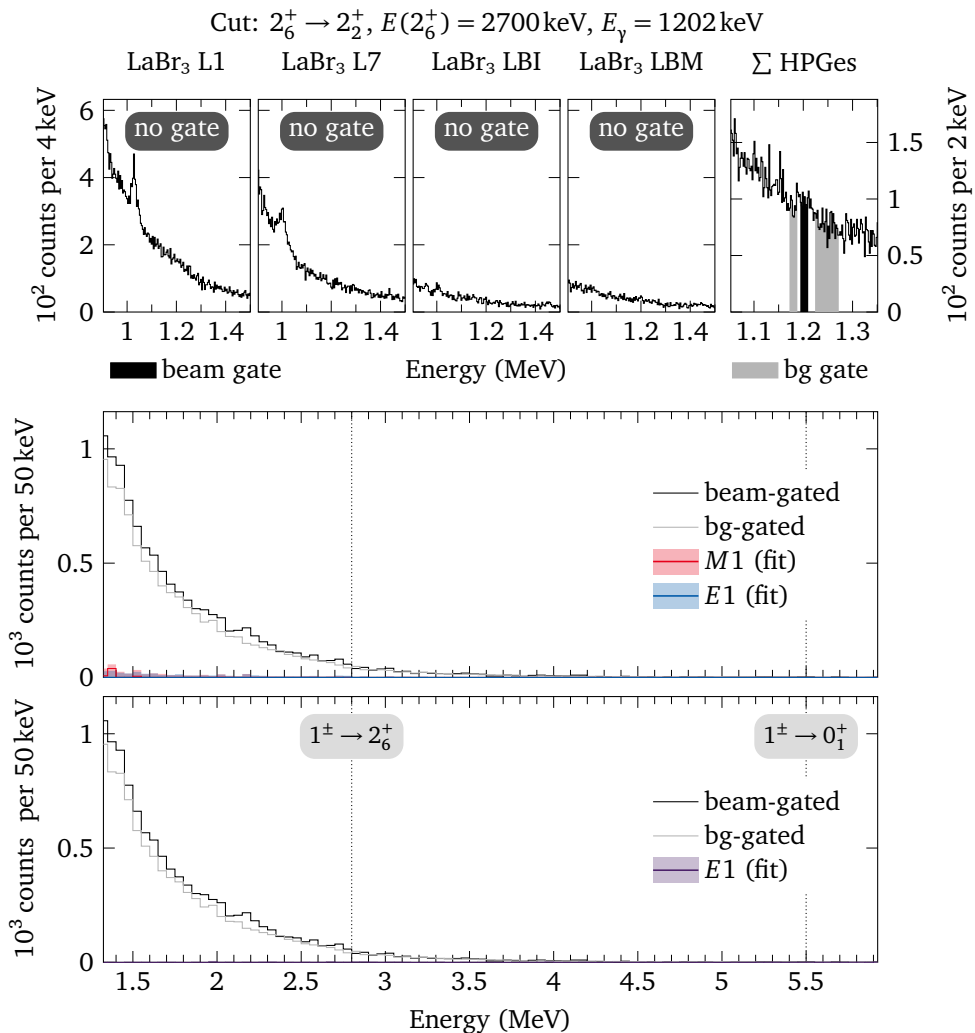


Figure 1.198: $E_{\text{beam}} = 5500\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

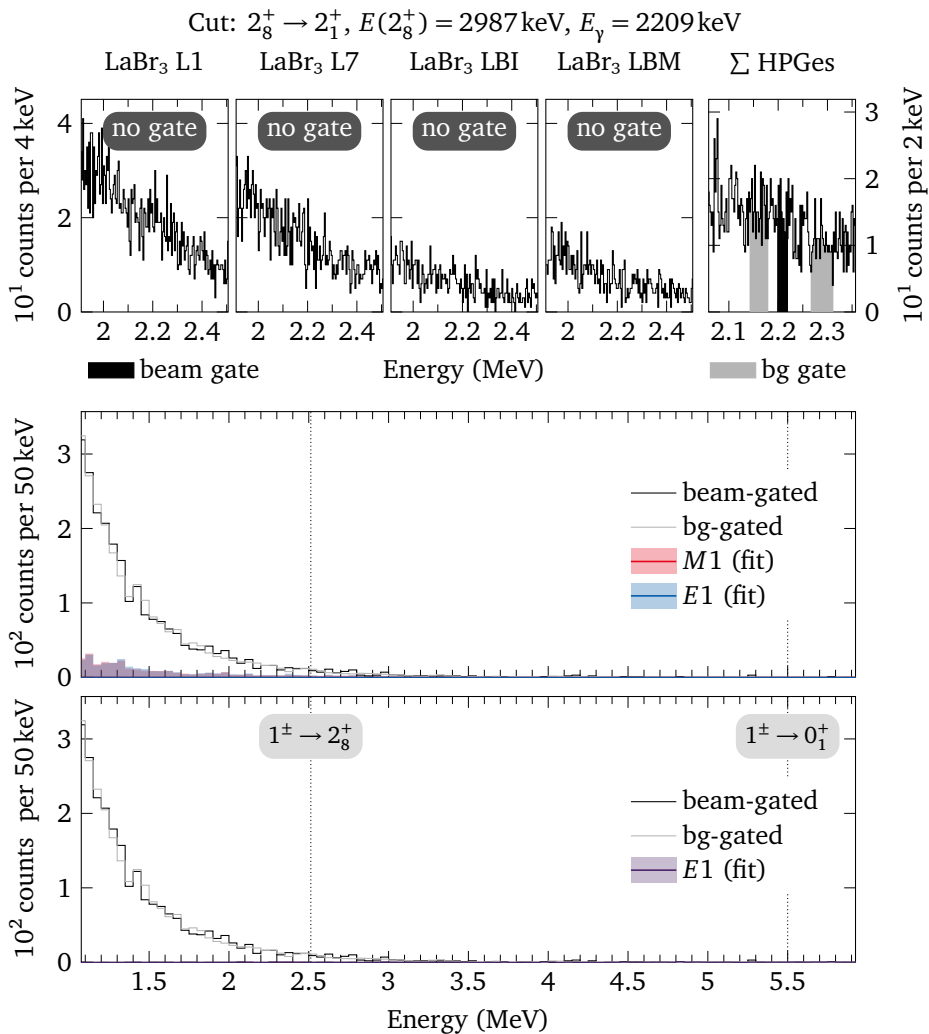


Figure 1.200: $E_{\text{beam}} = 5500 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

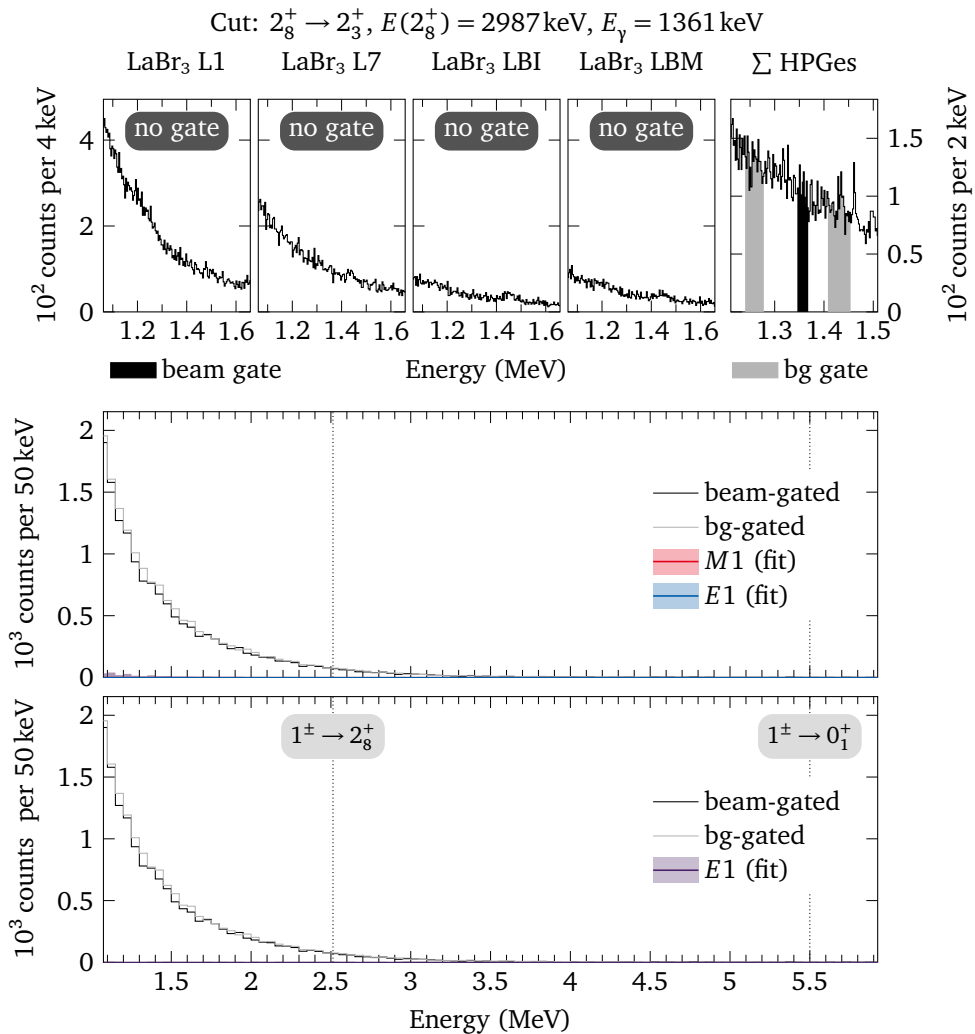


Figure 1.201: $E_{\text{beam}} = 5500 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

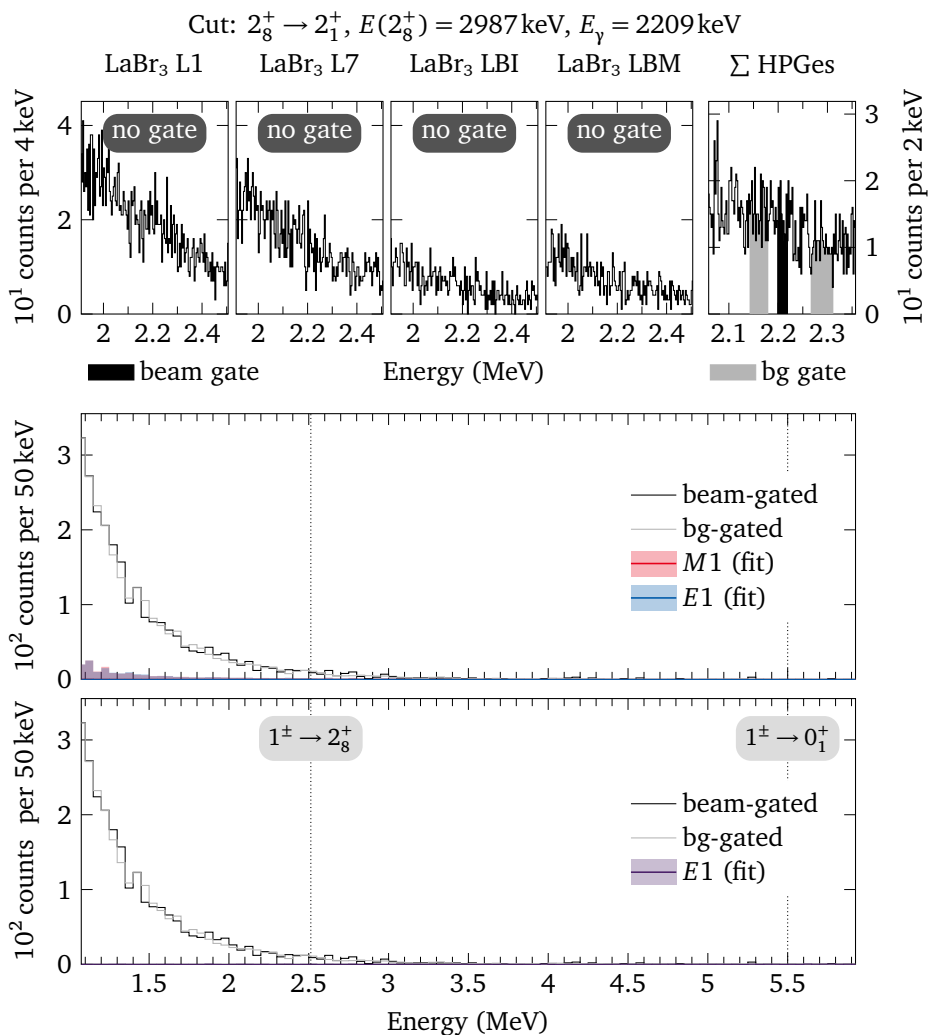


Figure 1.202: $E_{\text{beam}} = 5500 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

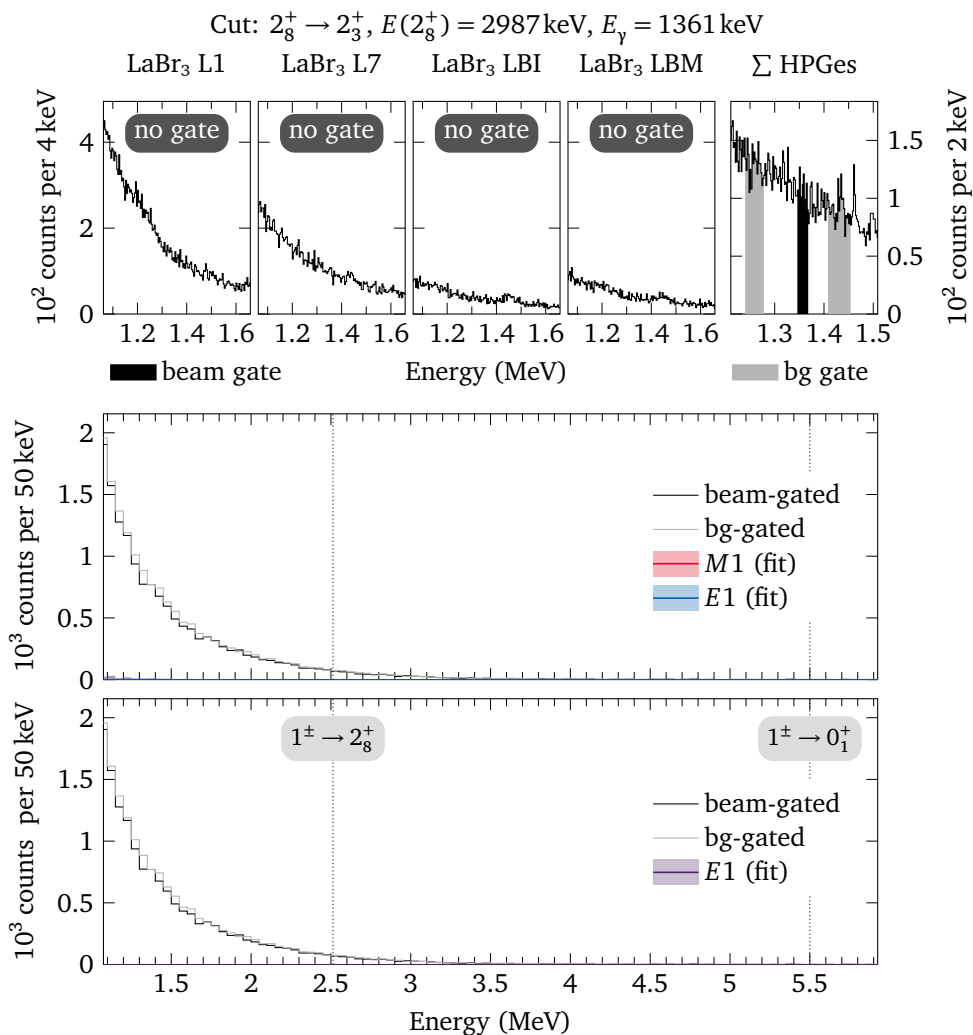


Figure 1.203: $E_{\text{beam}} = 5500 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

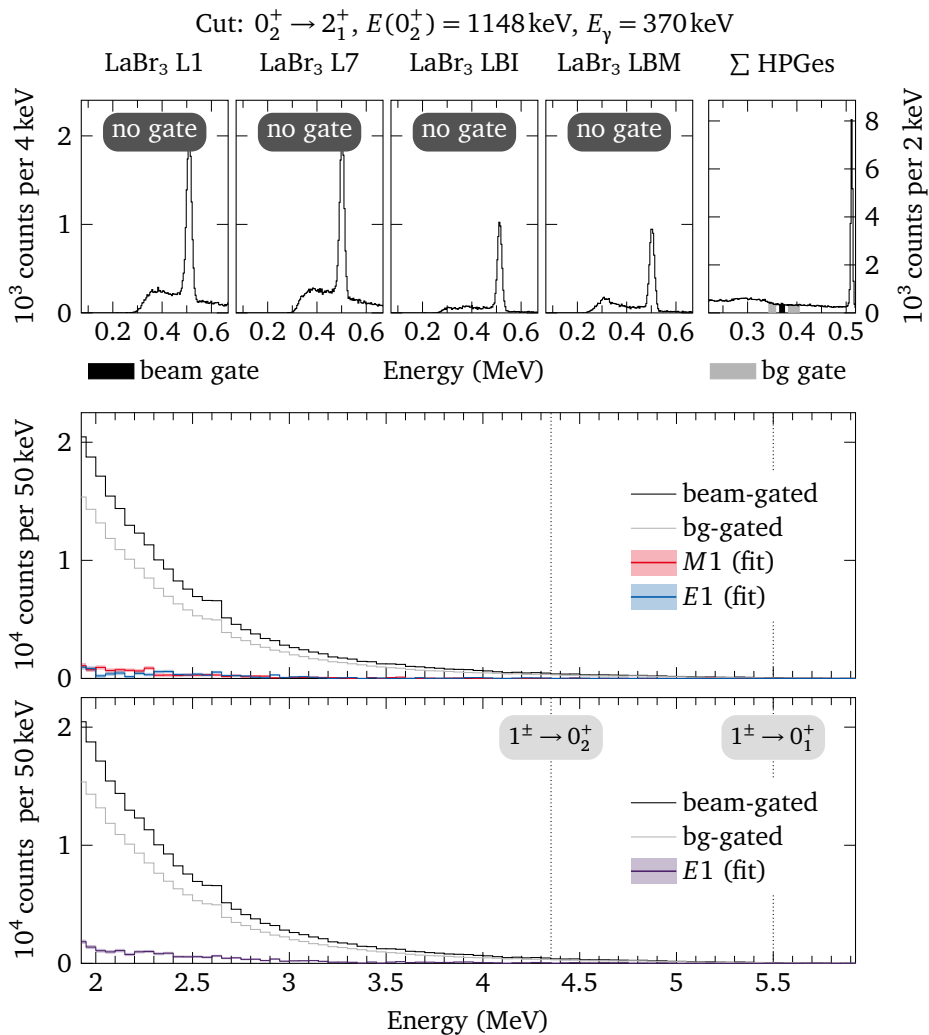


Figure 1.204: $E_{\text{beam}} = 5500 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

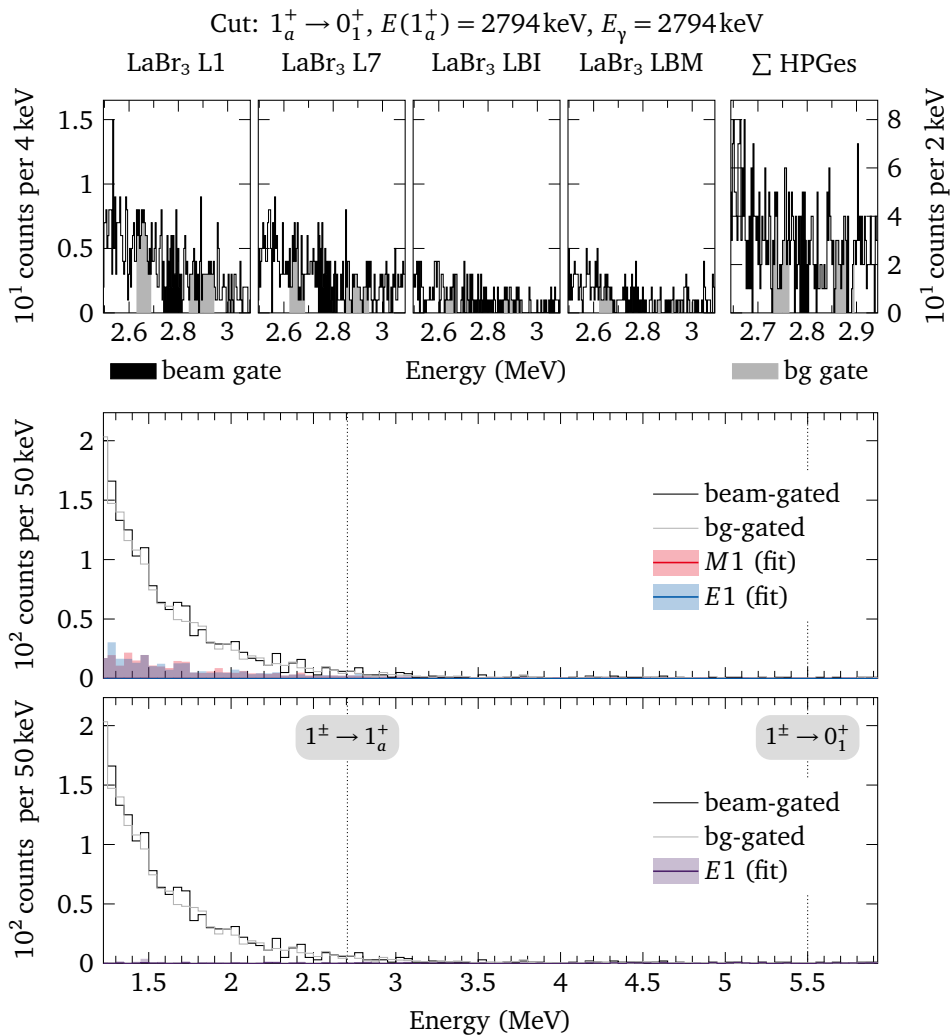


Figure 1.205: $E_{\text{beam}} = 5500 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

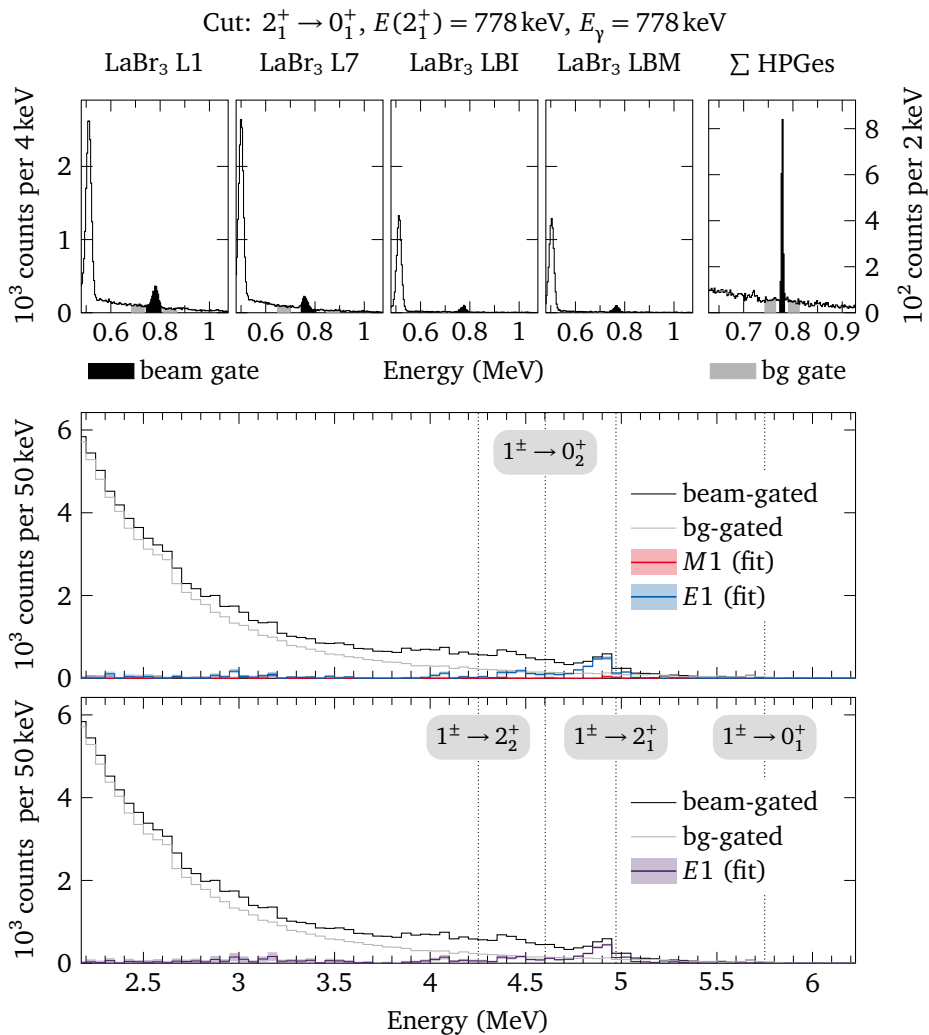


Figure 1.208: $E_{\text{beam}} = 5750 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

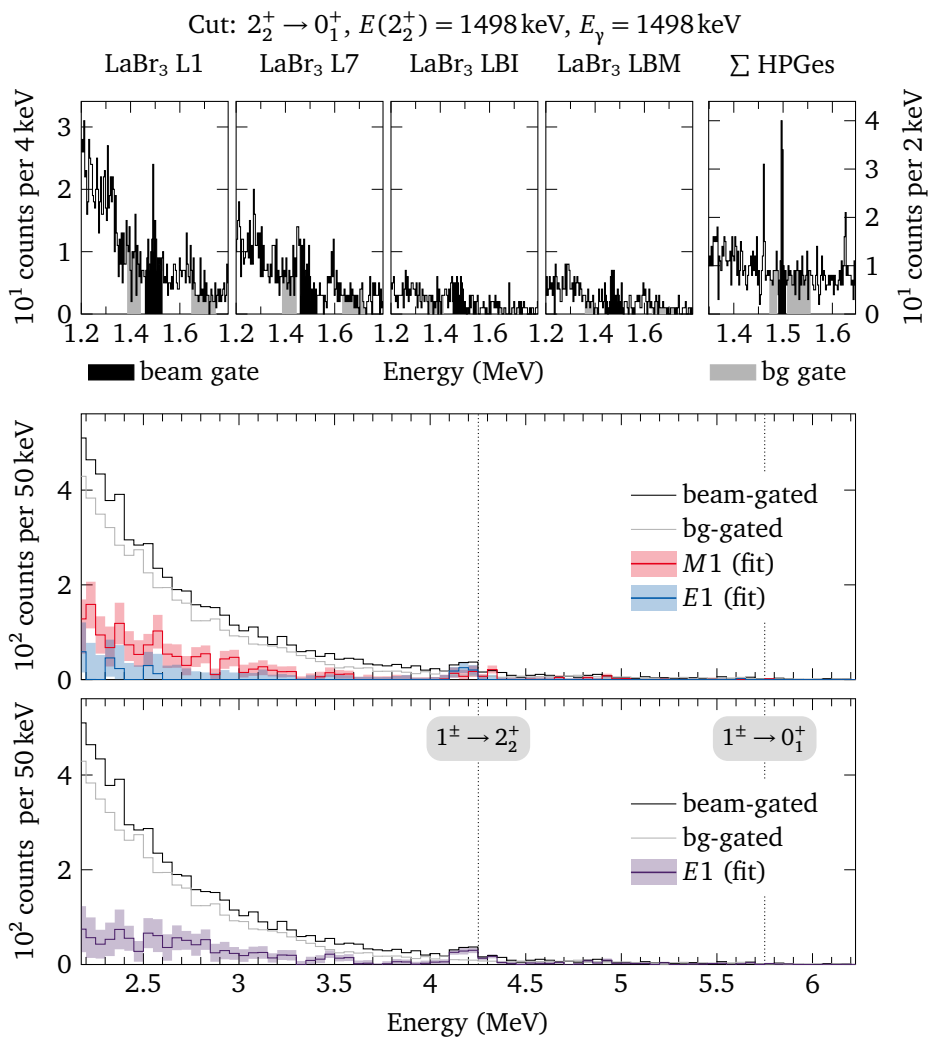


Figure 1.211: $E_{\text{beam}} = 5750 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

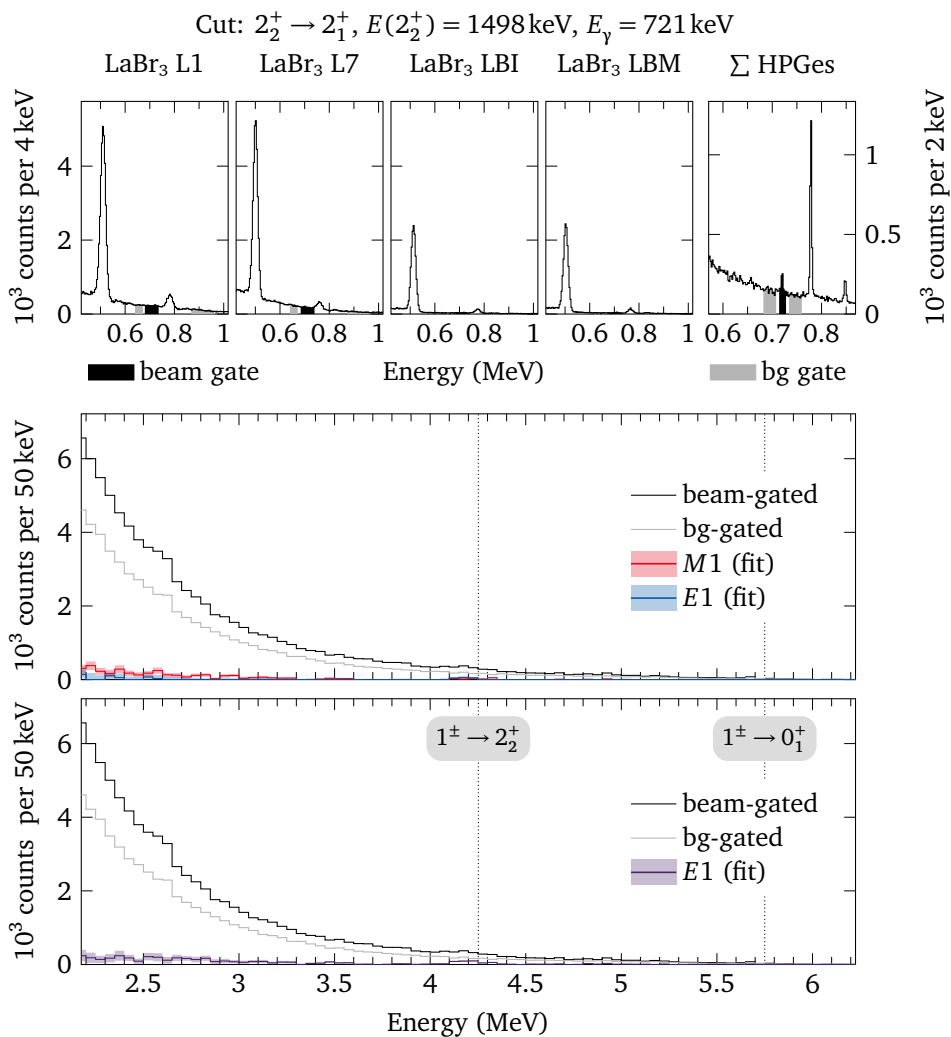


Figure 1.212: $E_{\text{beam}} = 5750 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

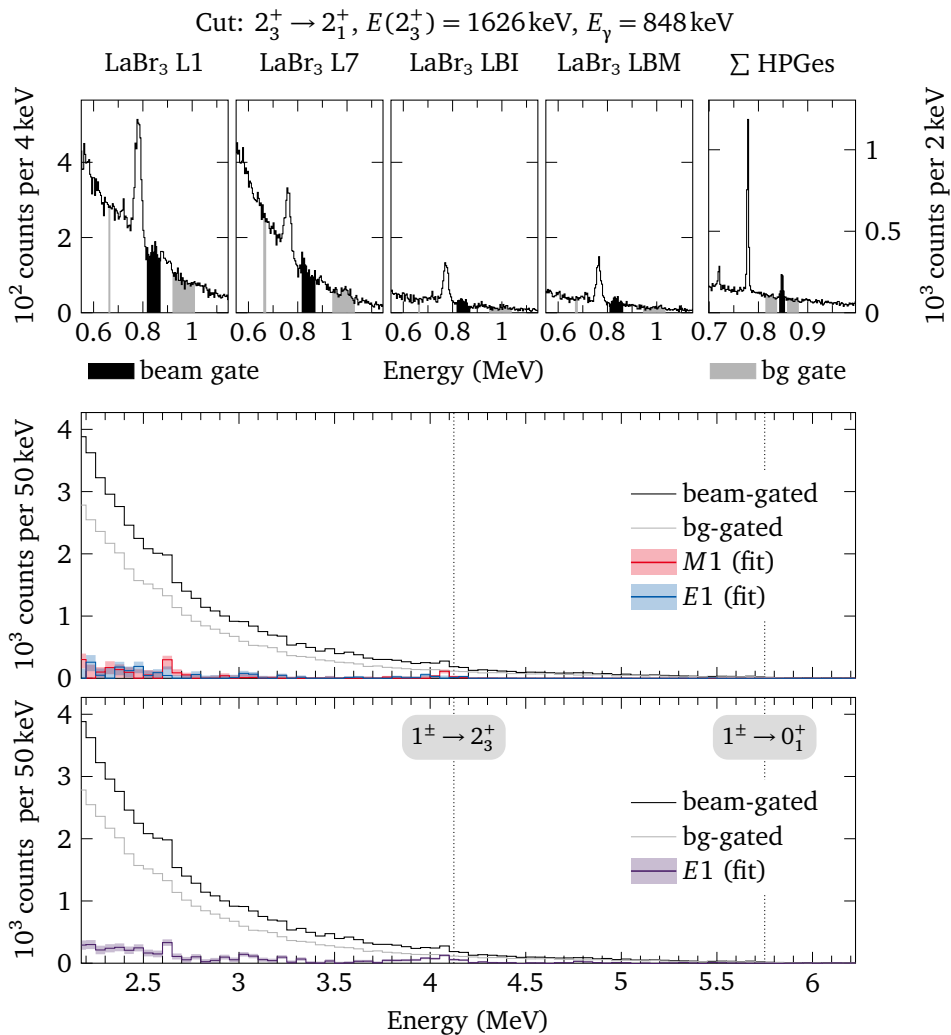


Figure 1.213: $E_{\text{beam}} = 5750 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

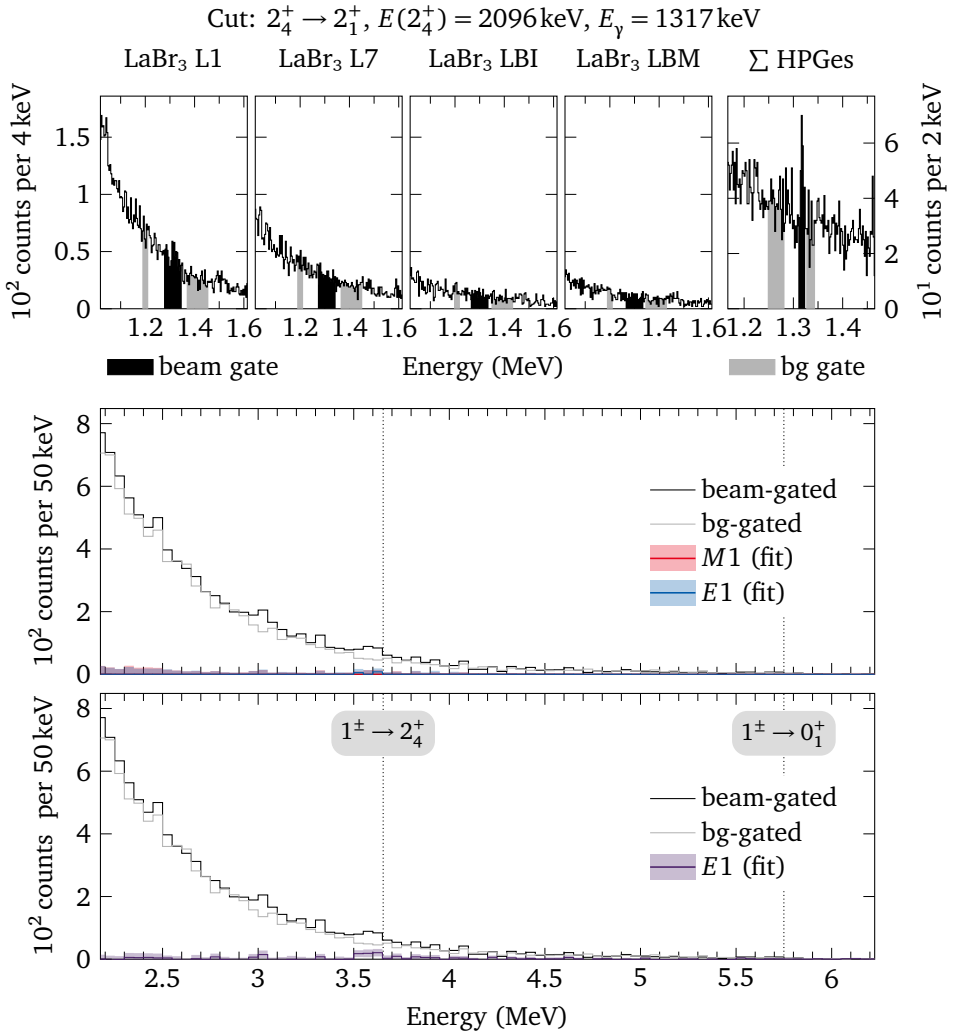


Figure 1.214: $E_{\text{beam}} = 5750 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

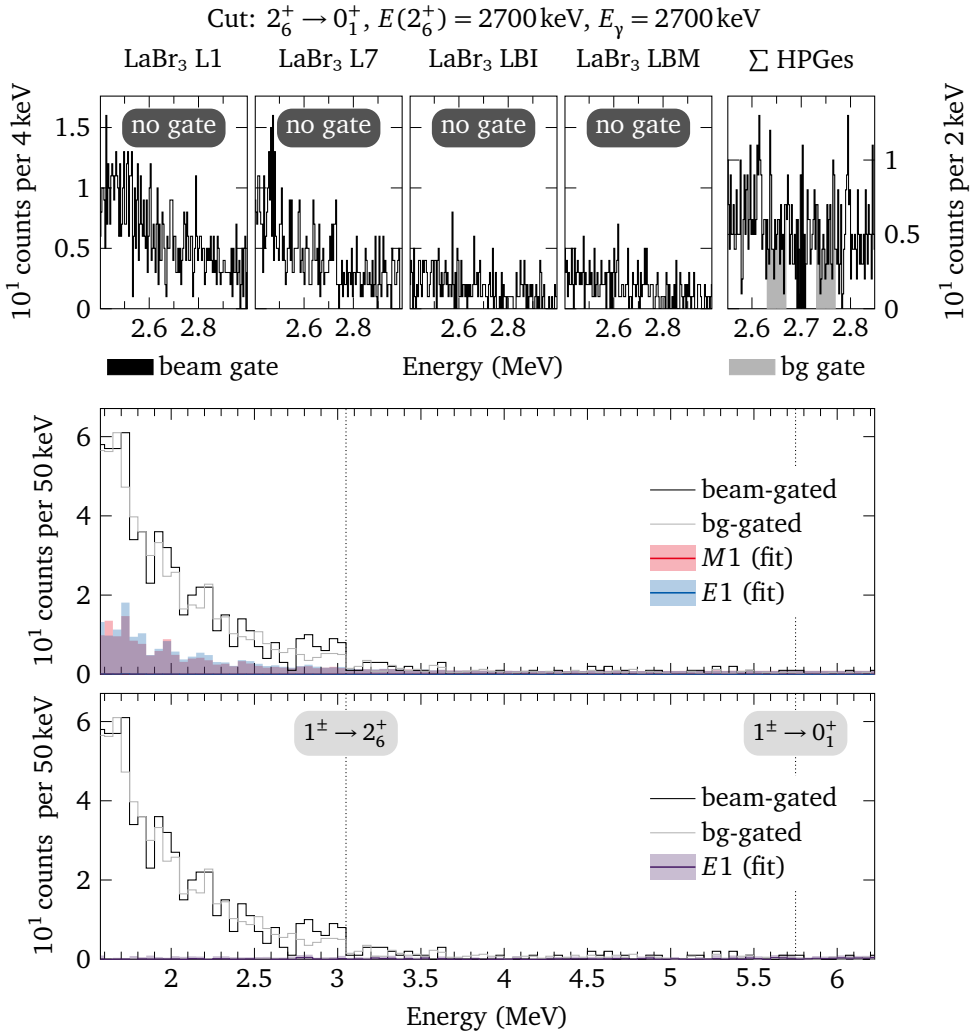


Figure 1.216: $E_{\text{beam}} = 5750 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

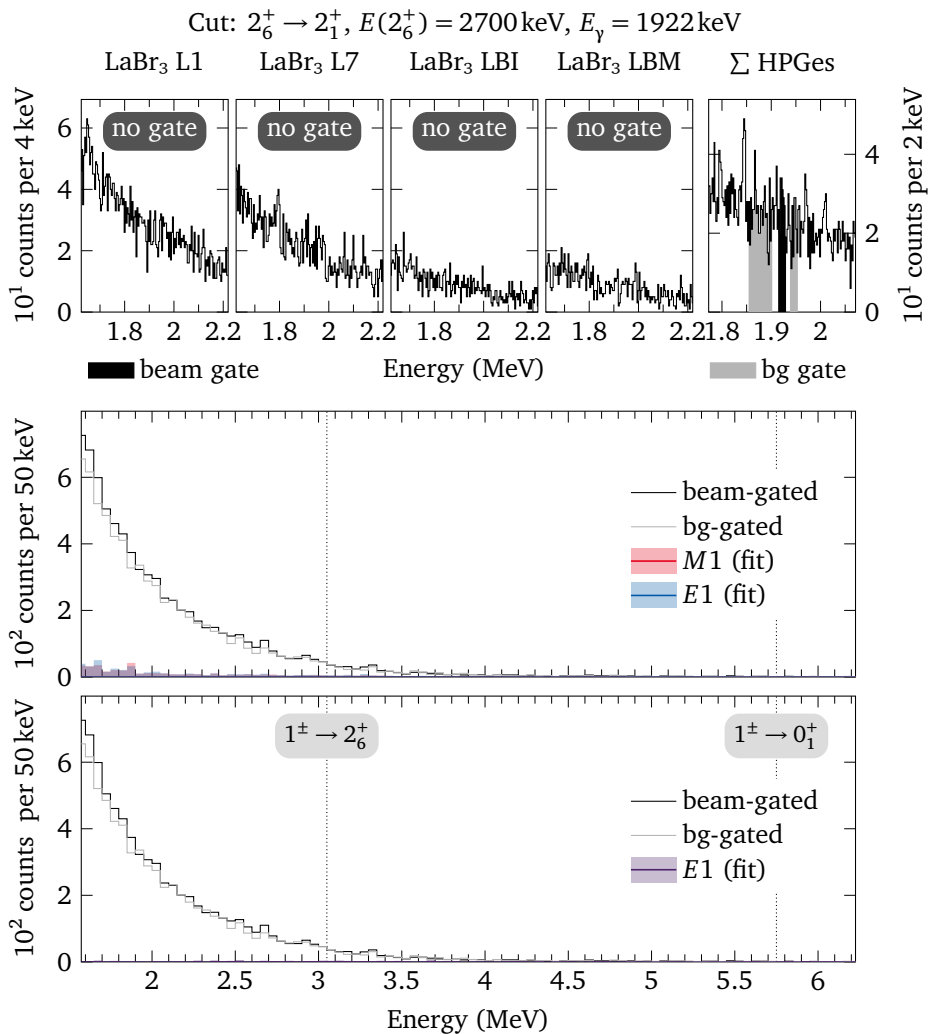


Figure 1.217: $E_{\text{beam}} = 5750 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

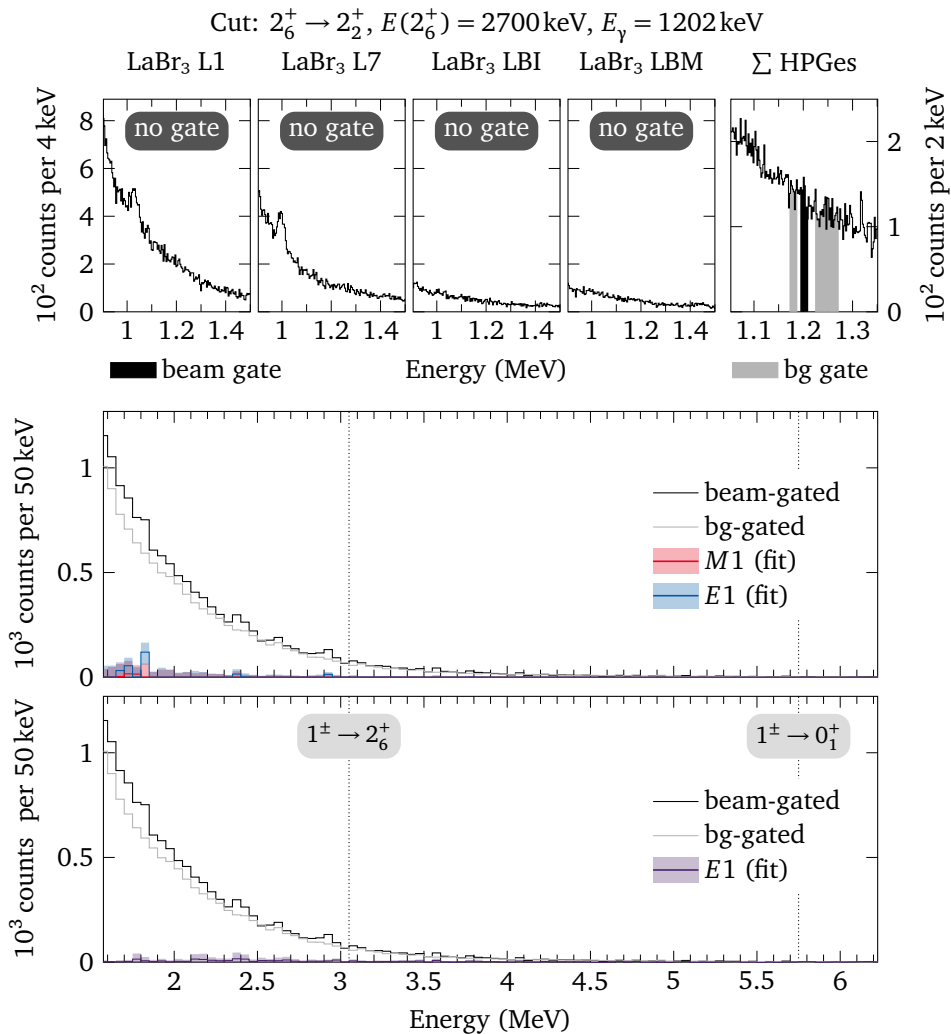


Figure 1.218: $E_{\text{beam}} = 5750 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

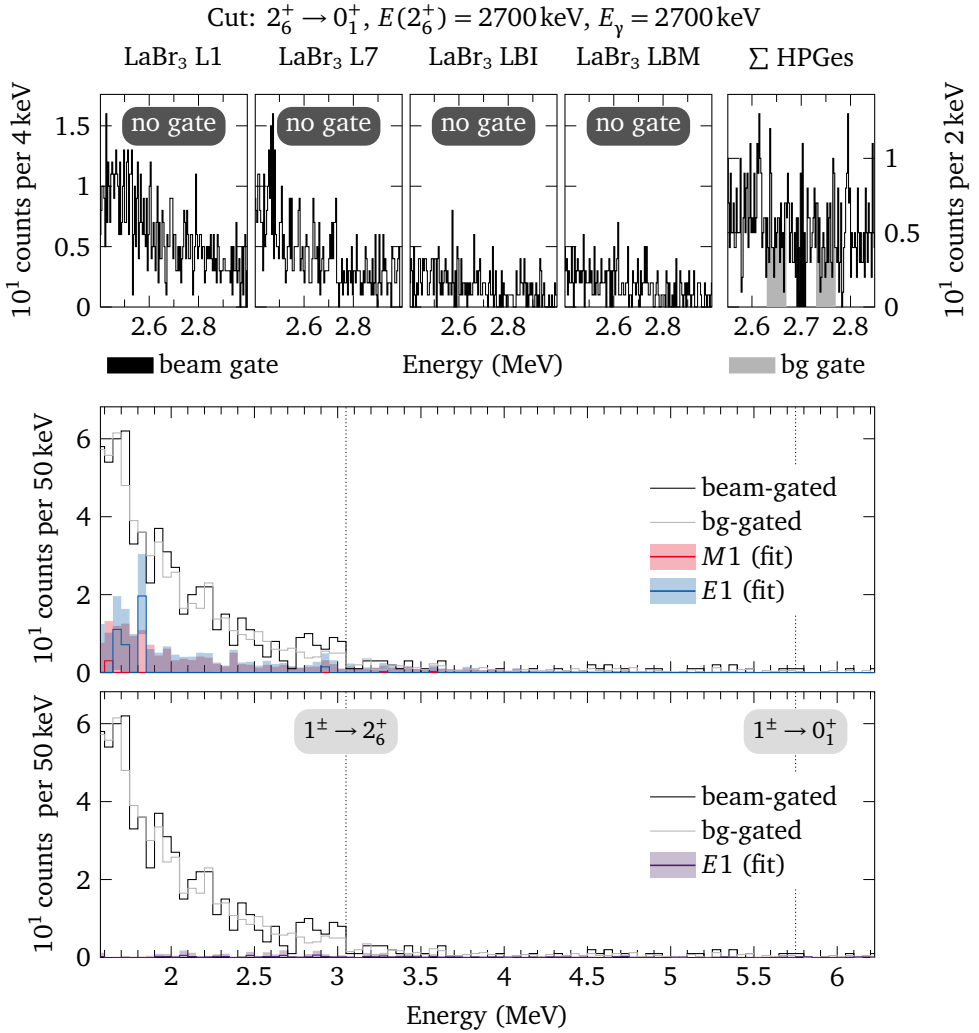


Figure 1.219: $E_{\text{beam}} = 5750 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

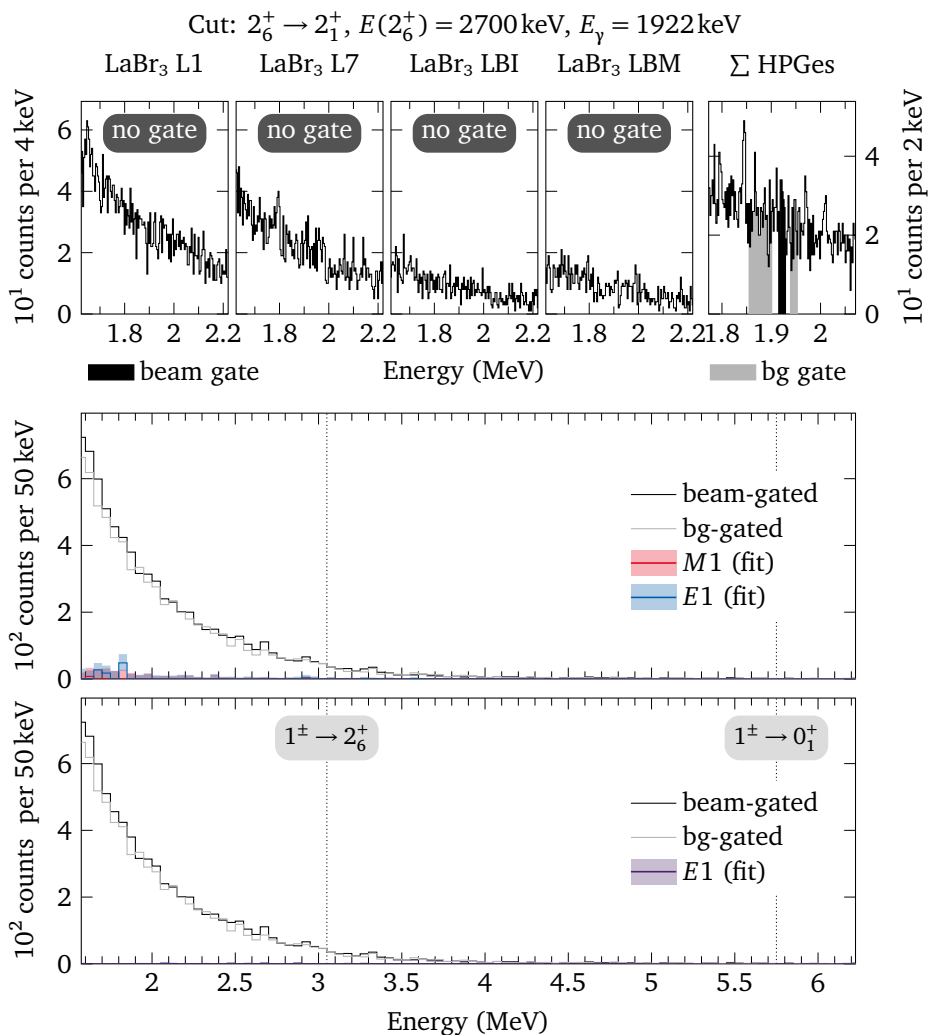


Figure 1.220: $E_{\text{beam}} = 5750 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

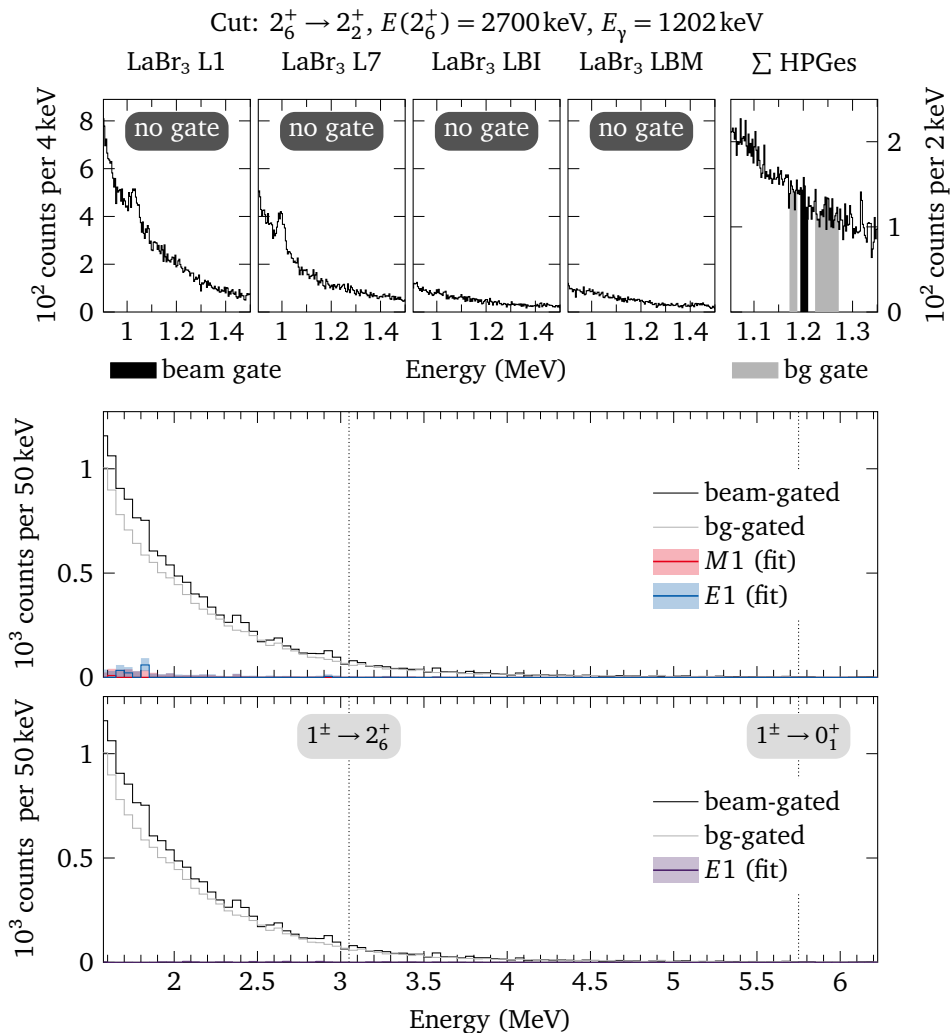


Figure 1.221: $E_{\text{beam}} = 5750\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

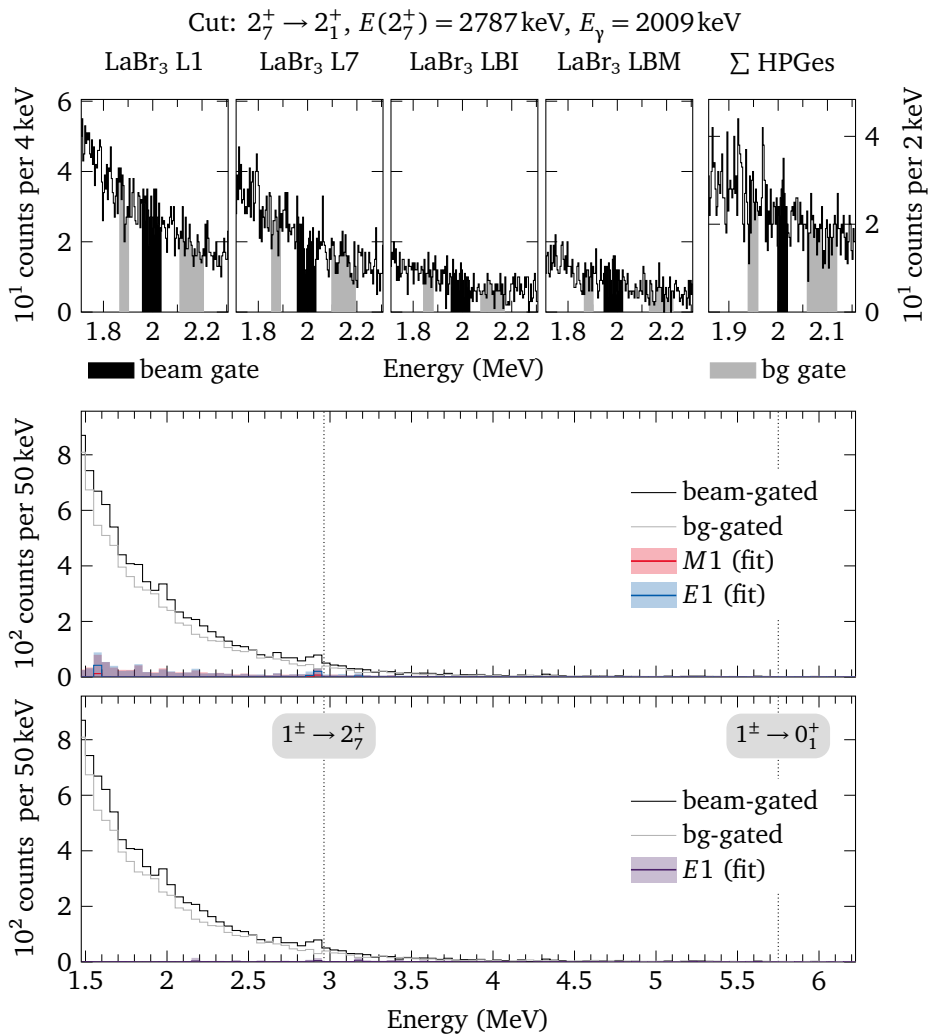


Figure 1.222: $E_{\text{beam}} = 5750 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

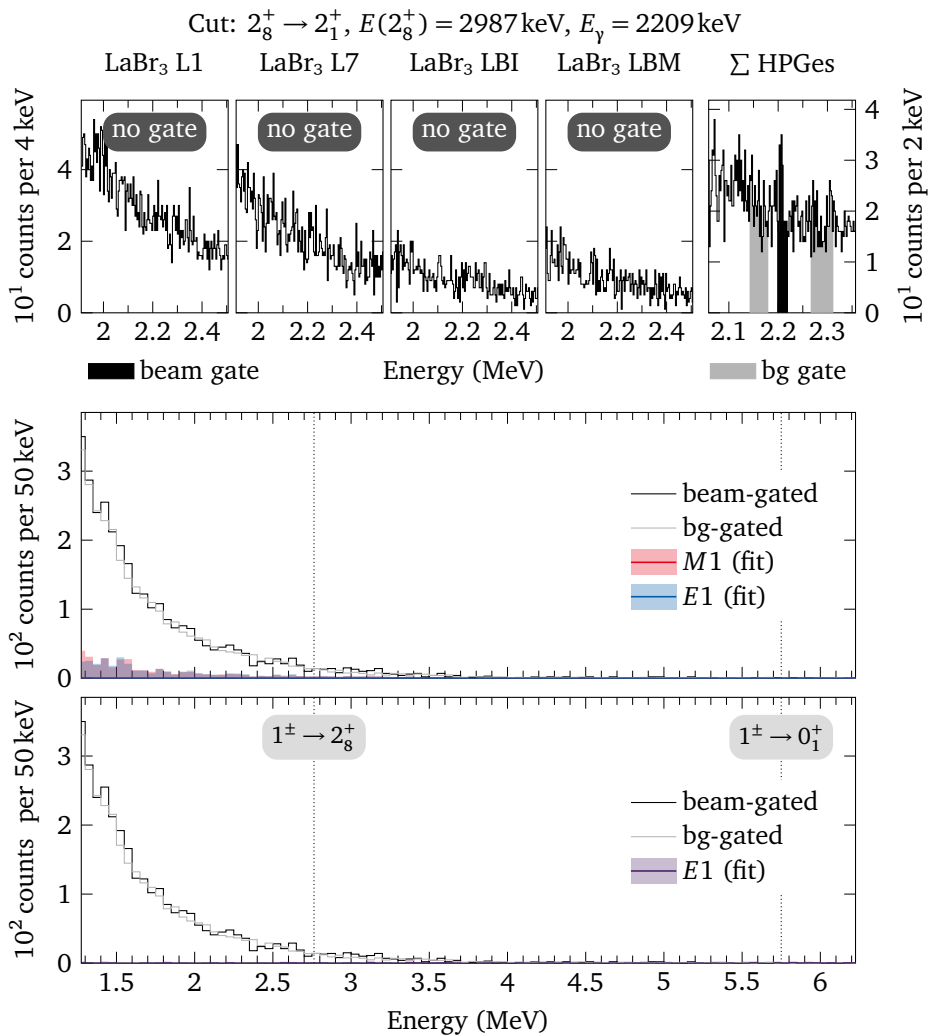


Figure 1.223: $E_{\text{beam}} = 5750 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

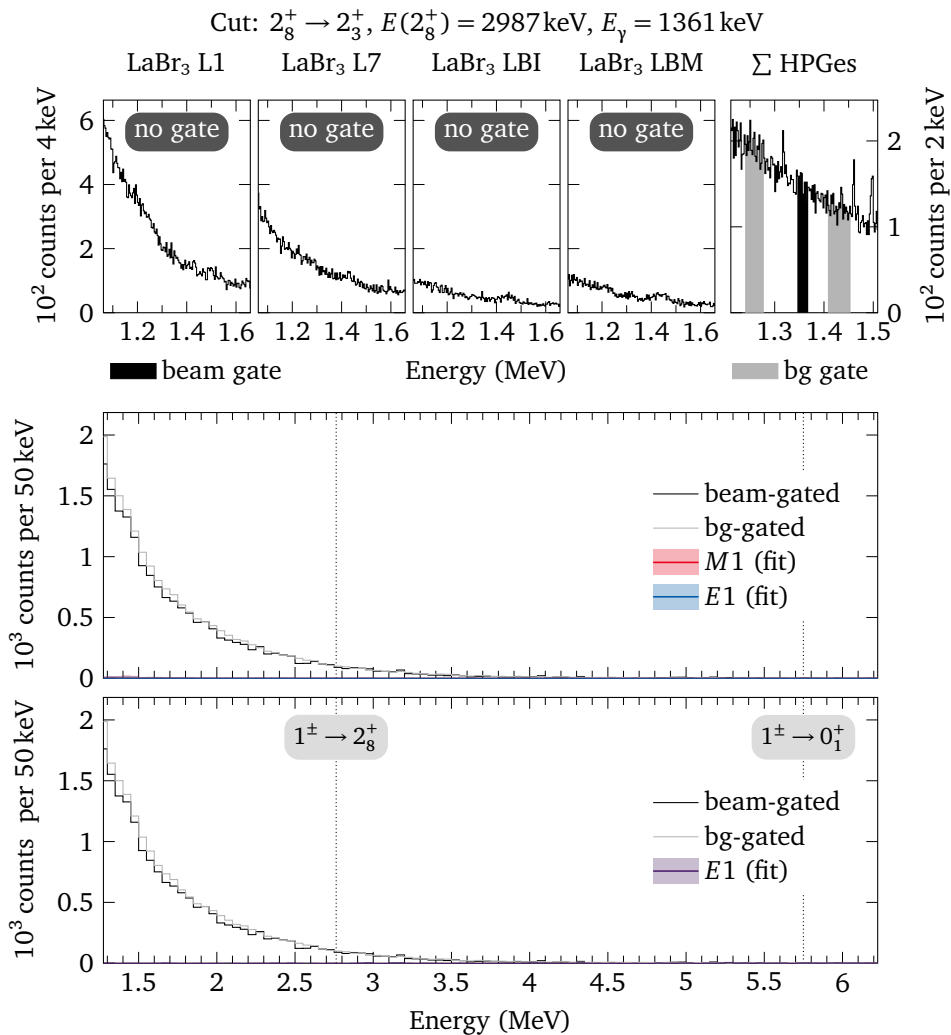


Figure 1.224: $E_{\text{beam}} = 5750 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

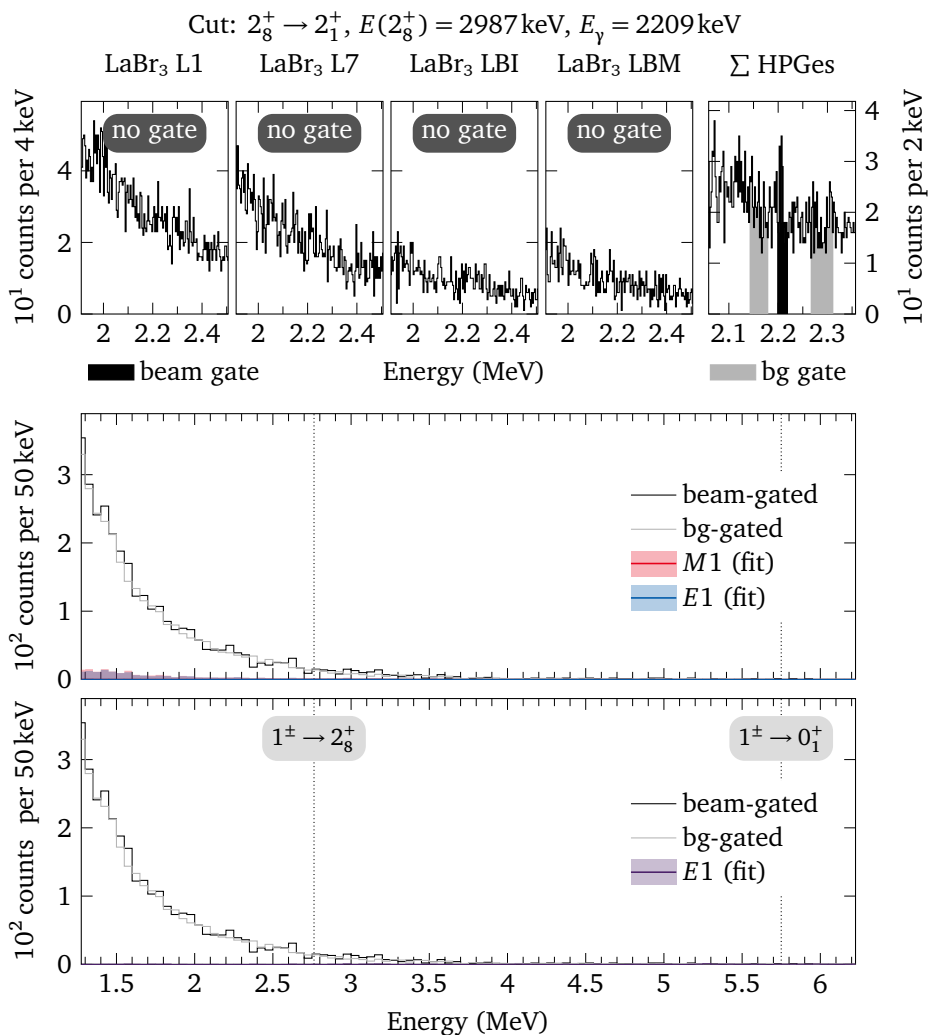


Figure 1.225: $E_{\text{beam}} = 5750 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

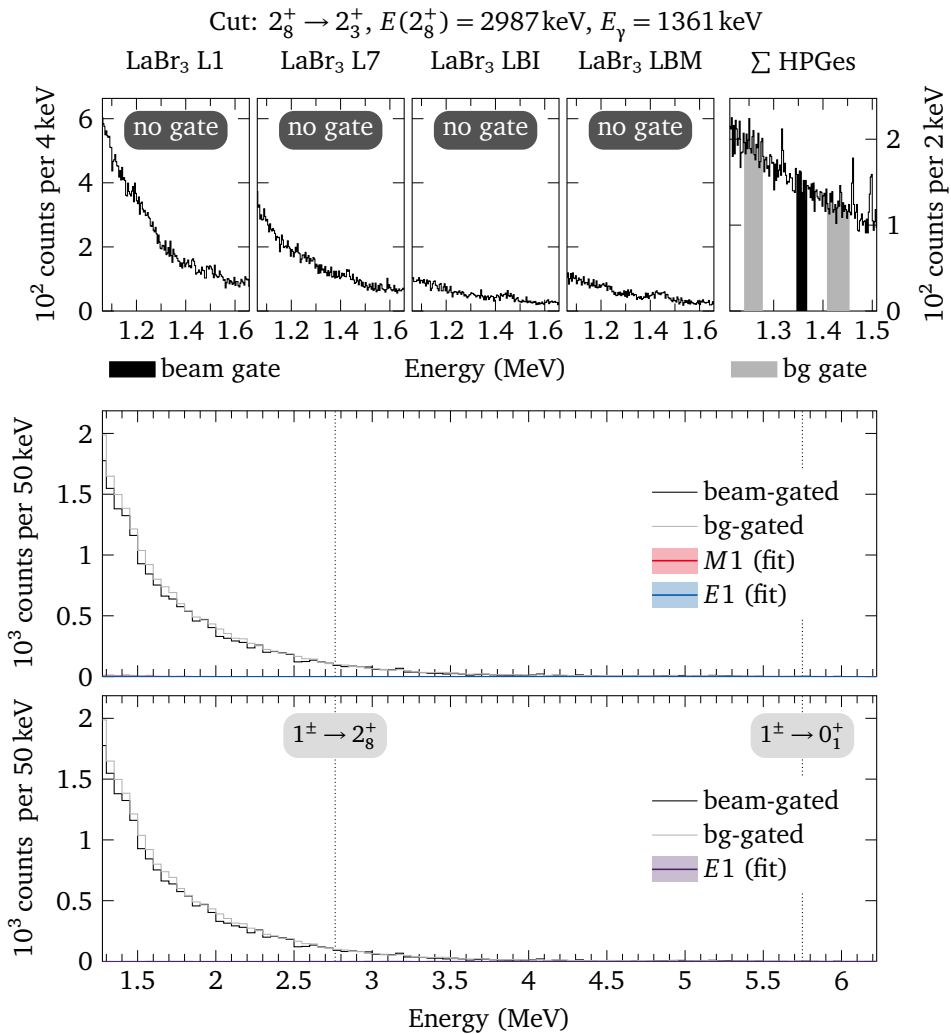


Figure 1.226: $E_{\text{beam}} = 5750 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

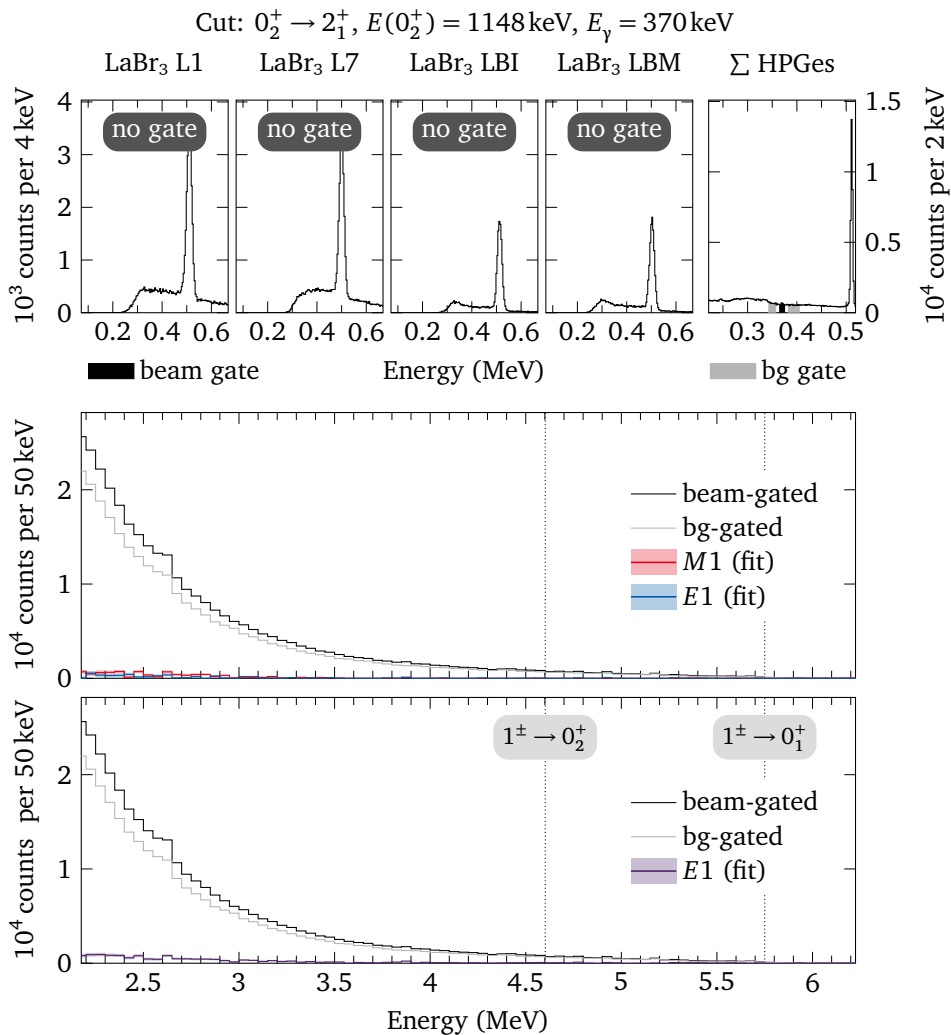


Figure 1.227: $E_{\text{beam}} = 5750 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

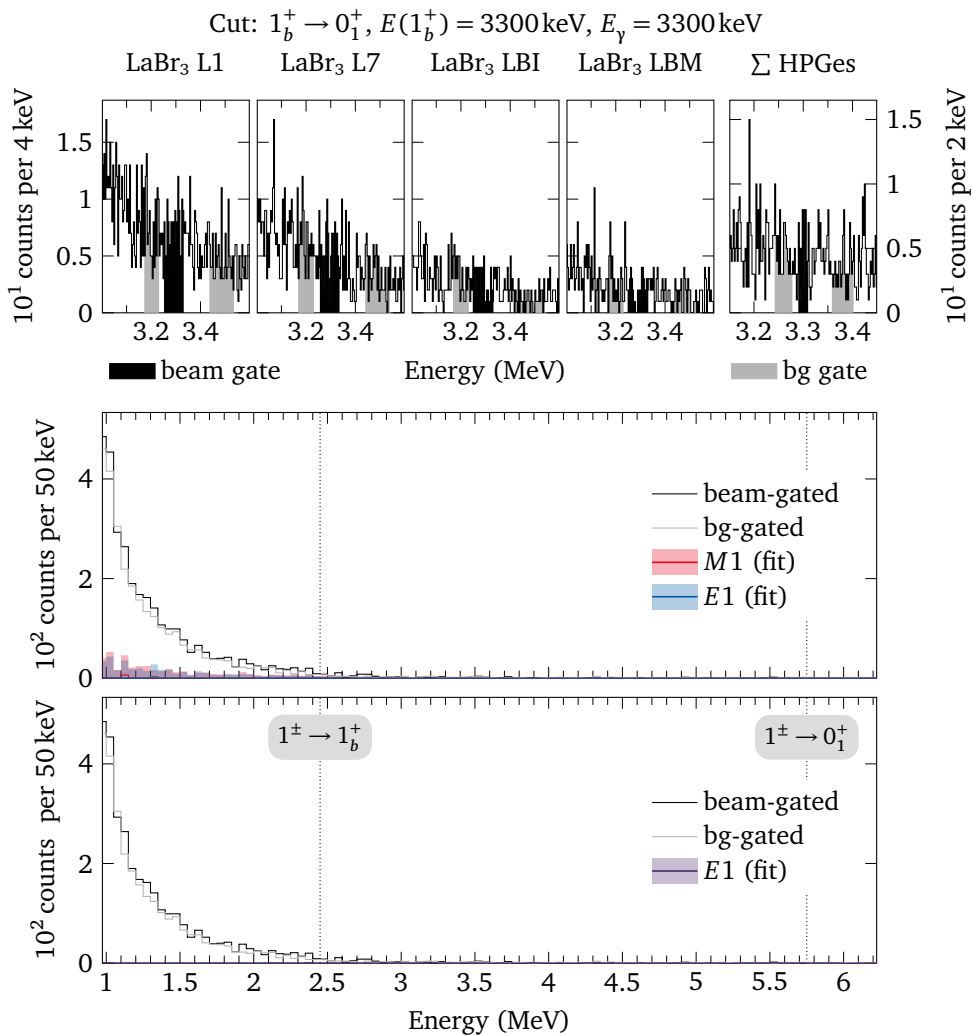


Figure 1.229: $E_{\text{beam}} = 5750 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

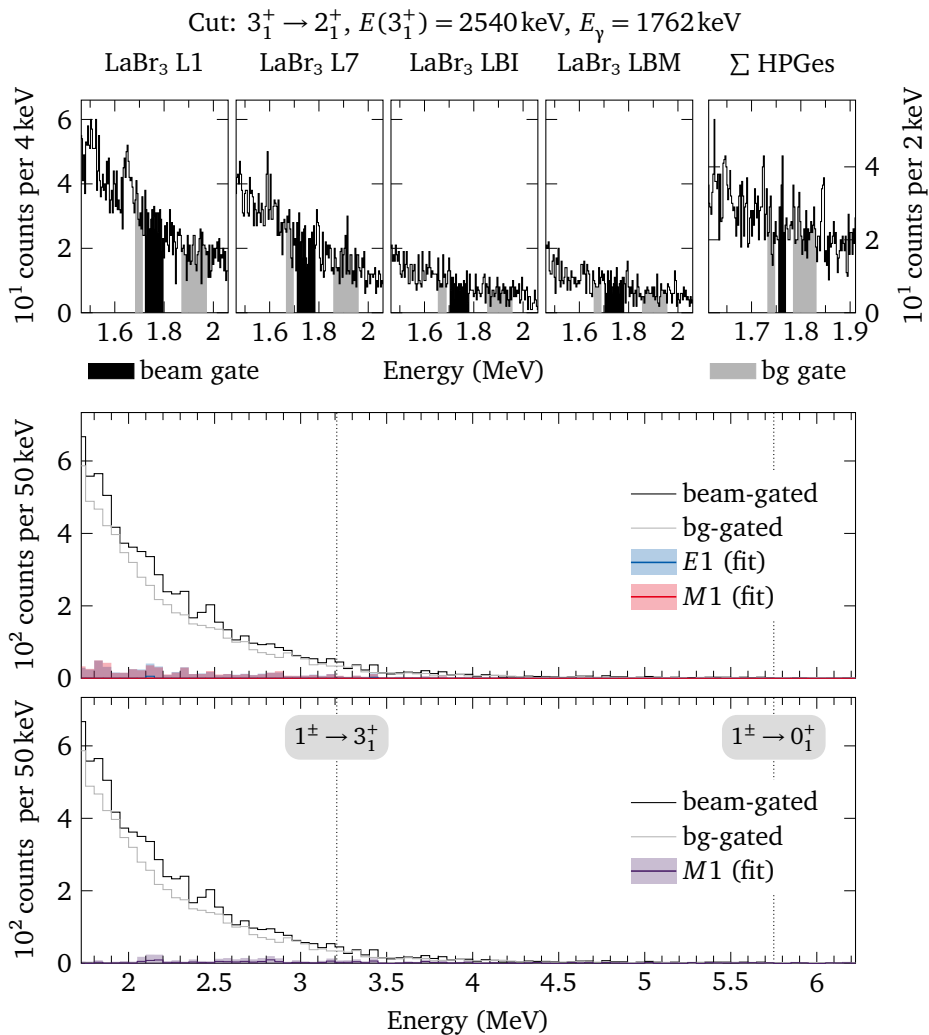


Figure 1.230: $E_{\text{beam}} = 5750 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

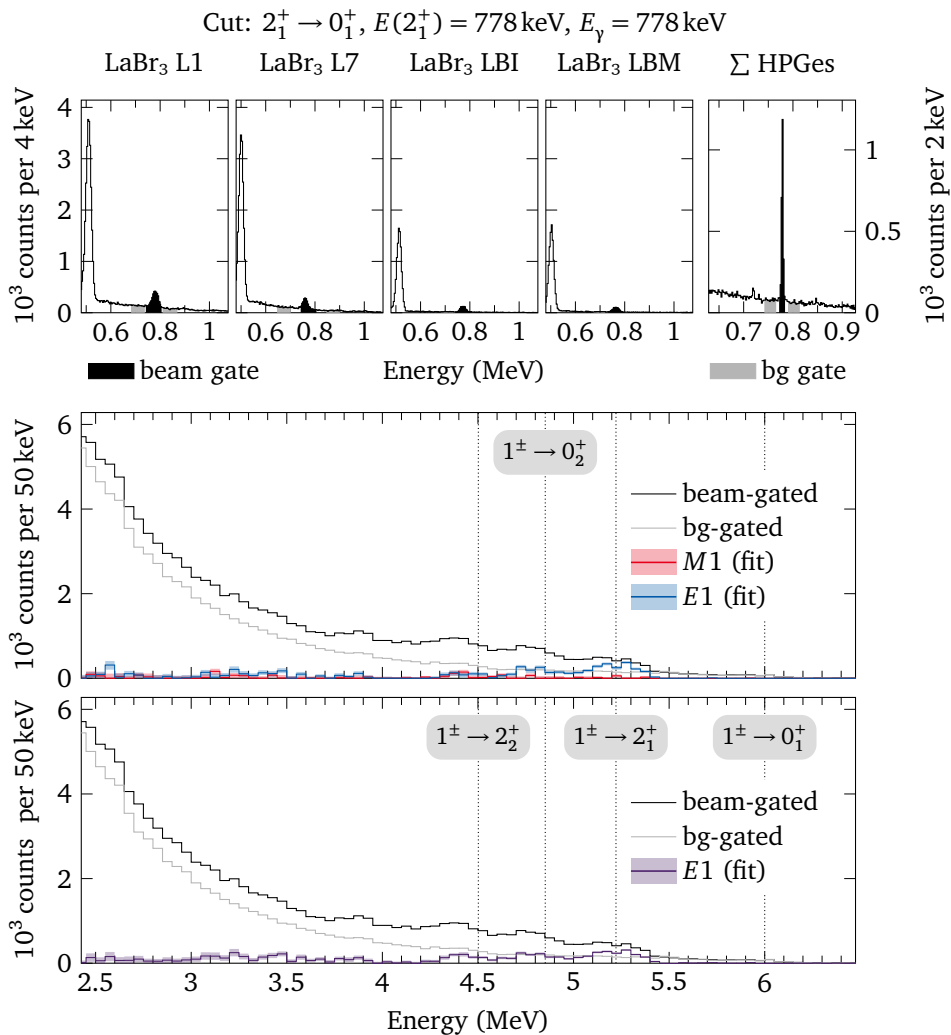


Figure 1.231: $E_{\text{beam}} = 6000 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

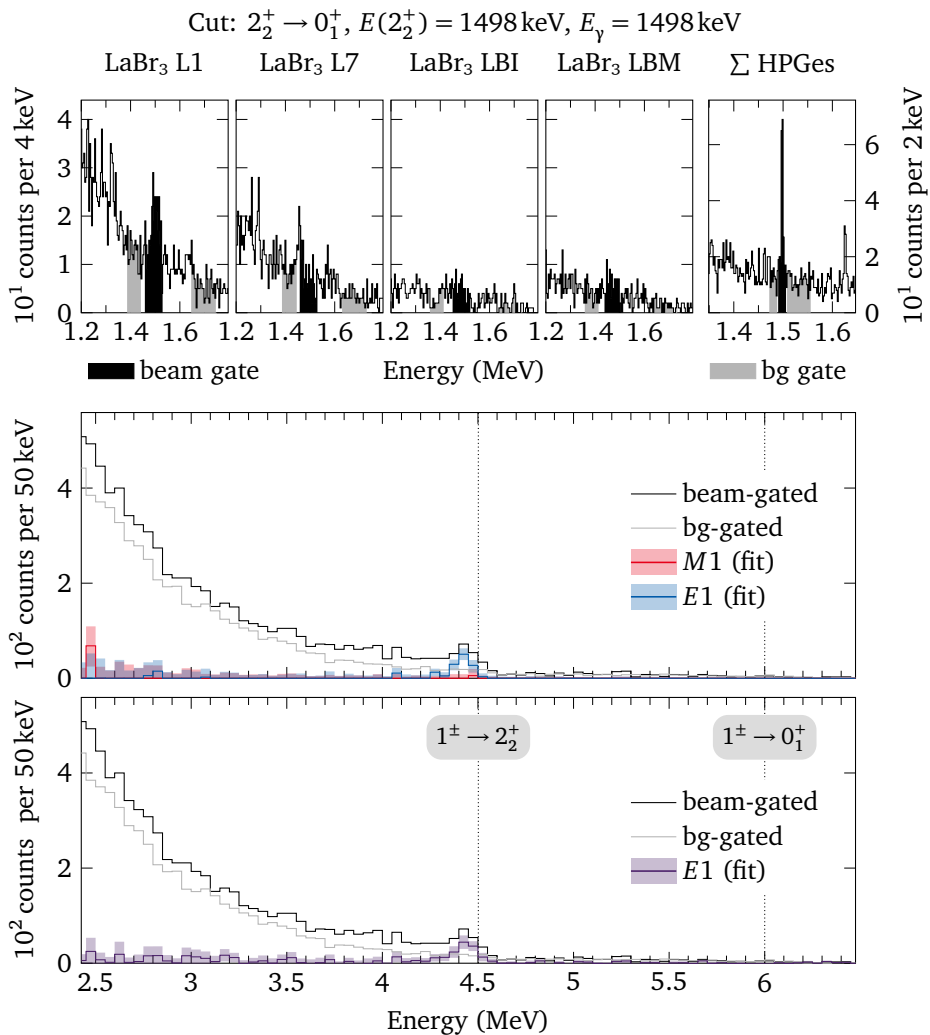


Figure 1.232: $E_{\text{beam}} = 6000 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

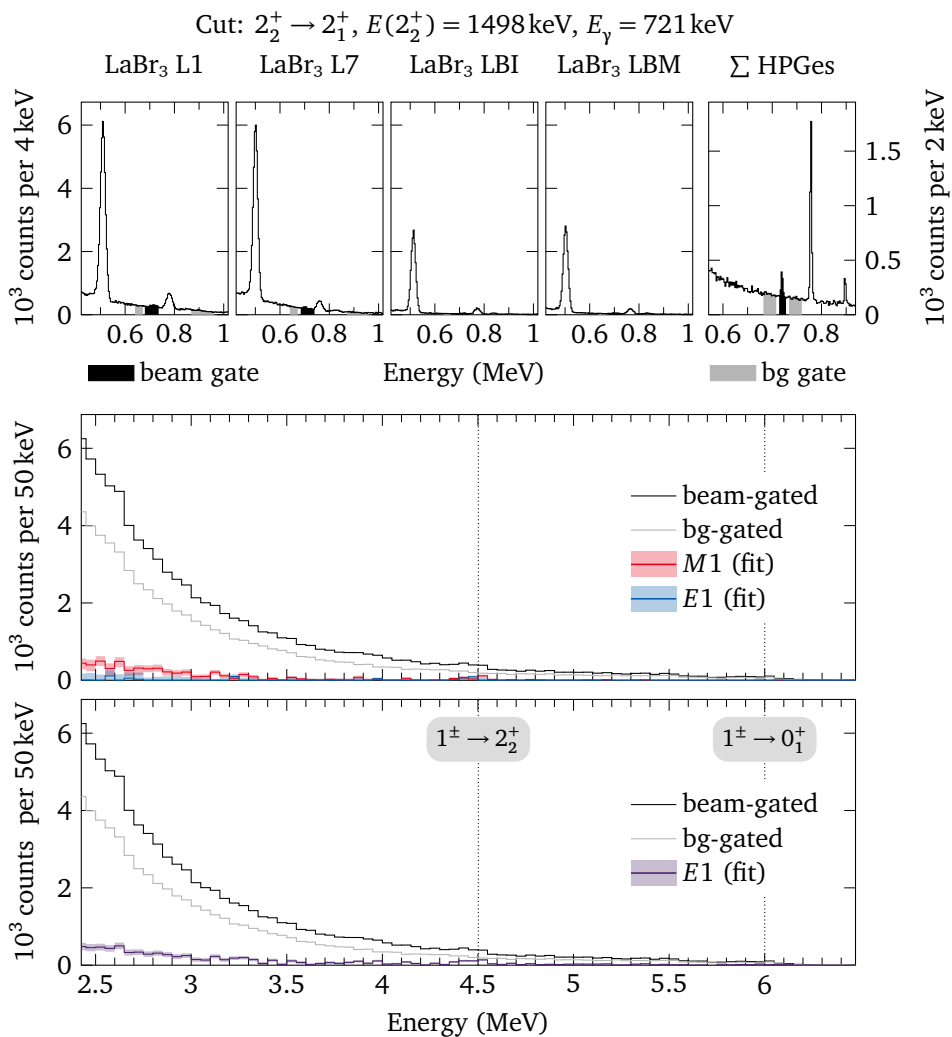


Figure 1.233: $E_{\text{beam}} = 6000 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

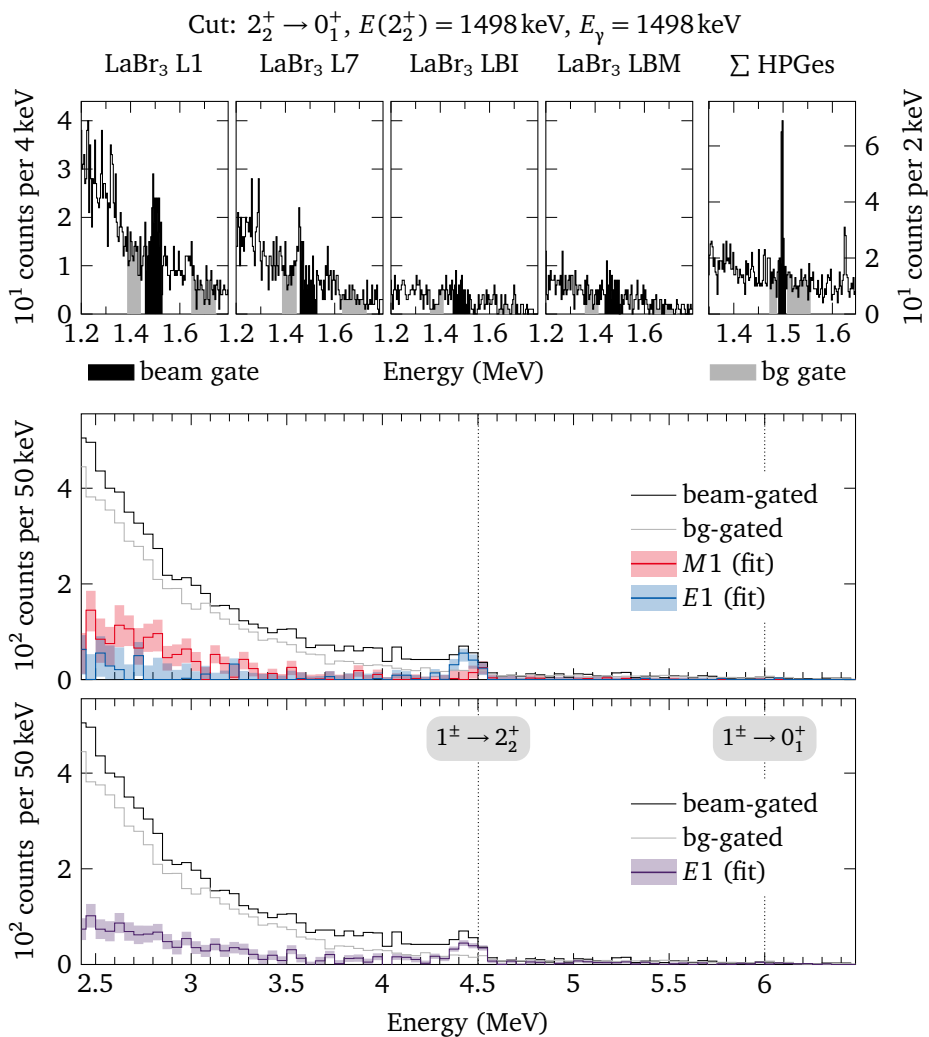


Figure 1.234: $E_{\text{beam}} = 6000 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

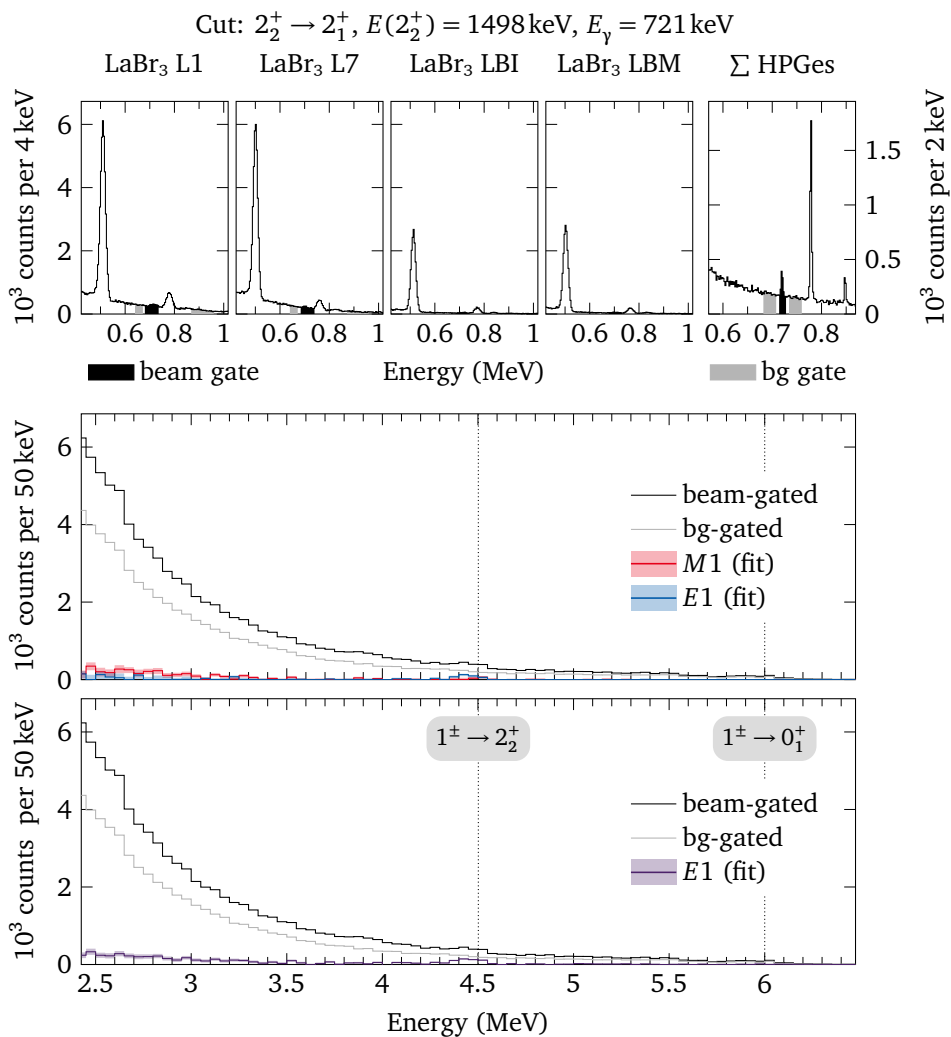


Figure 1.235: $E_{\text{beam}} = 6000 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

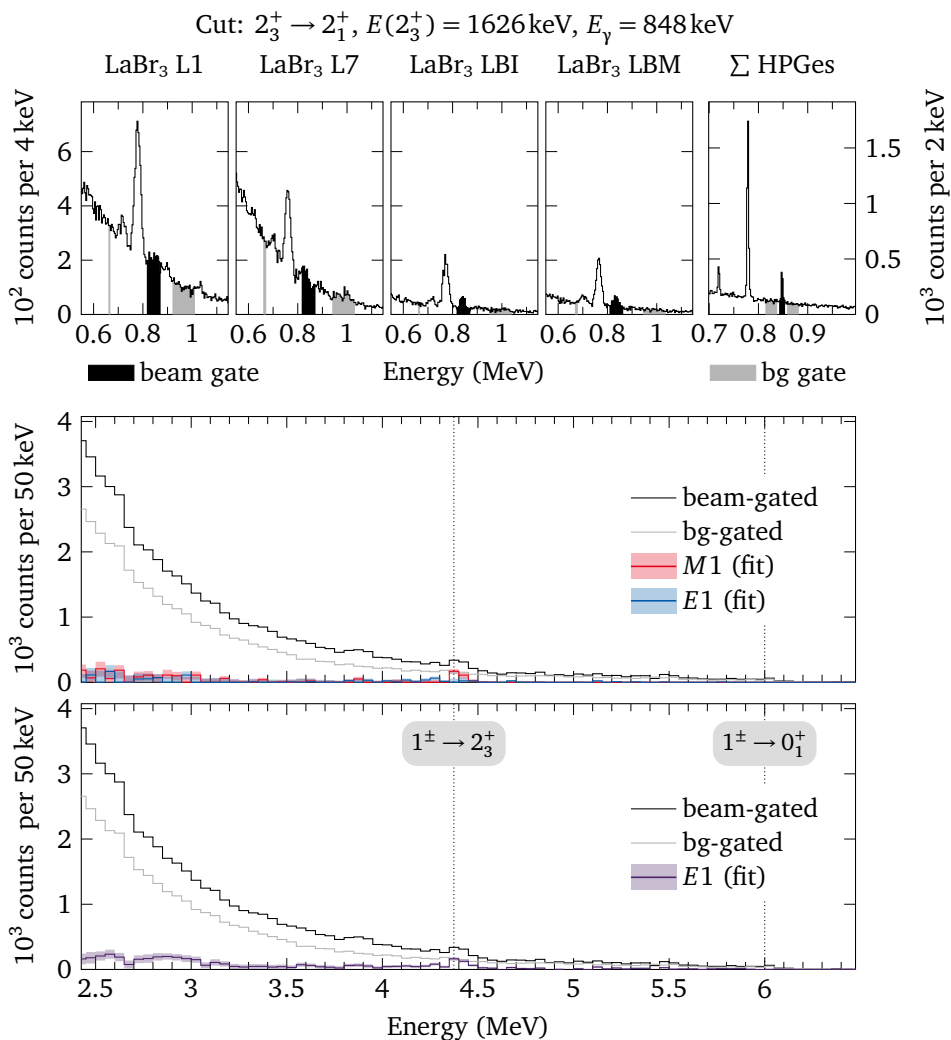


Figure 1.236: $E_{\text{beam}} = 6000 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

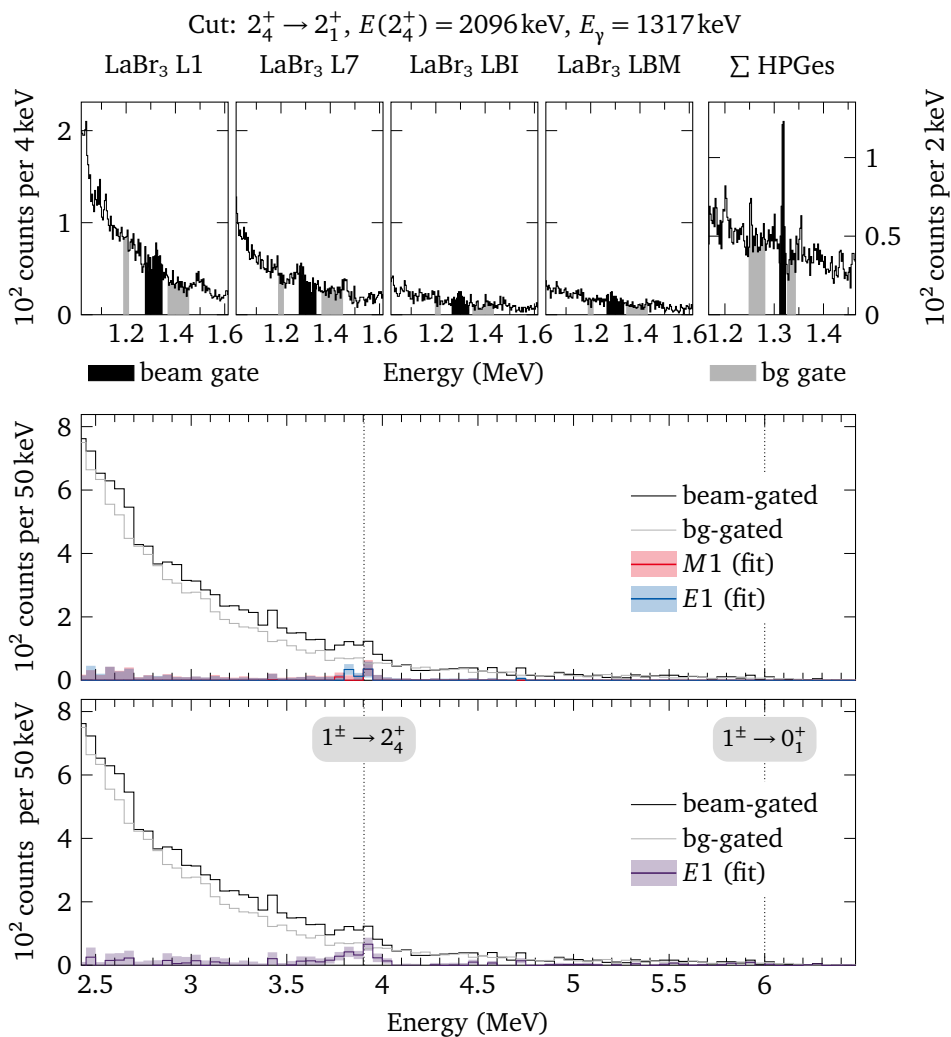


Figure 1.237: $E_{\text{beam}} = 6000 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

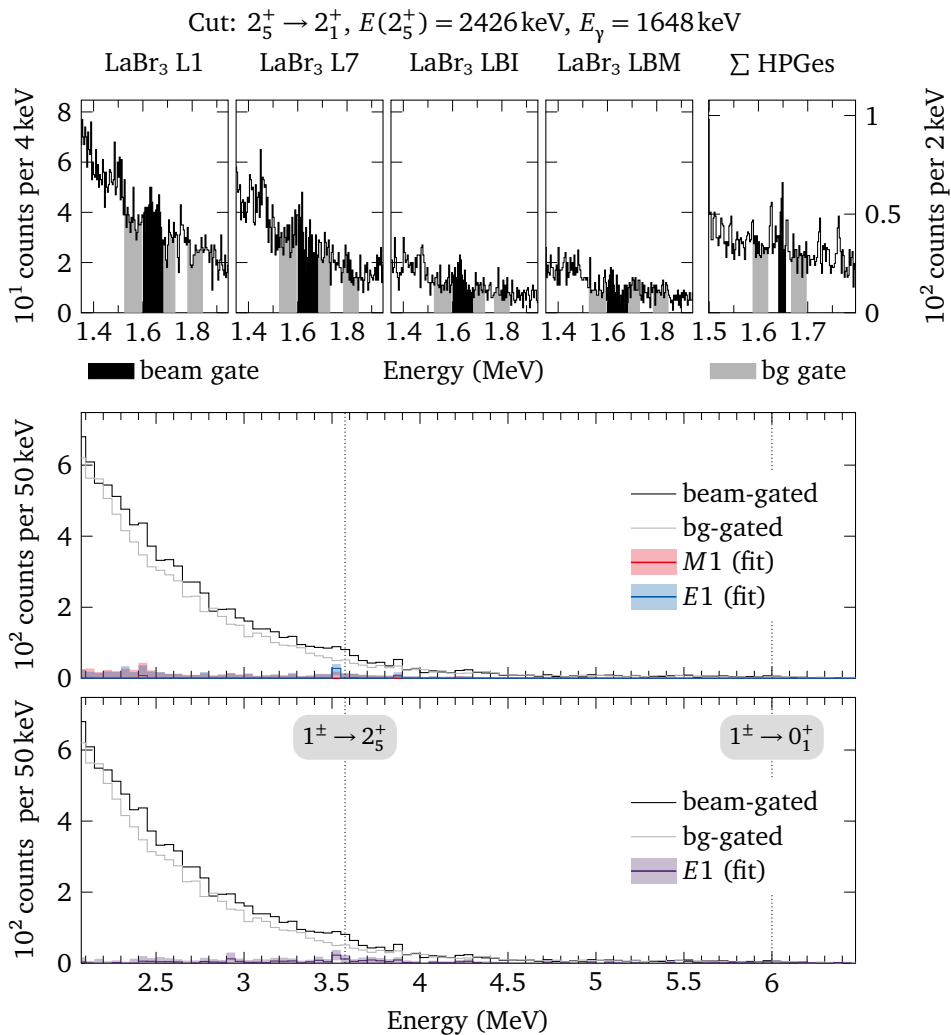


Figure 1.238: $E_{\text{beam}} = 6000 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

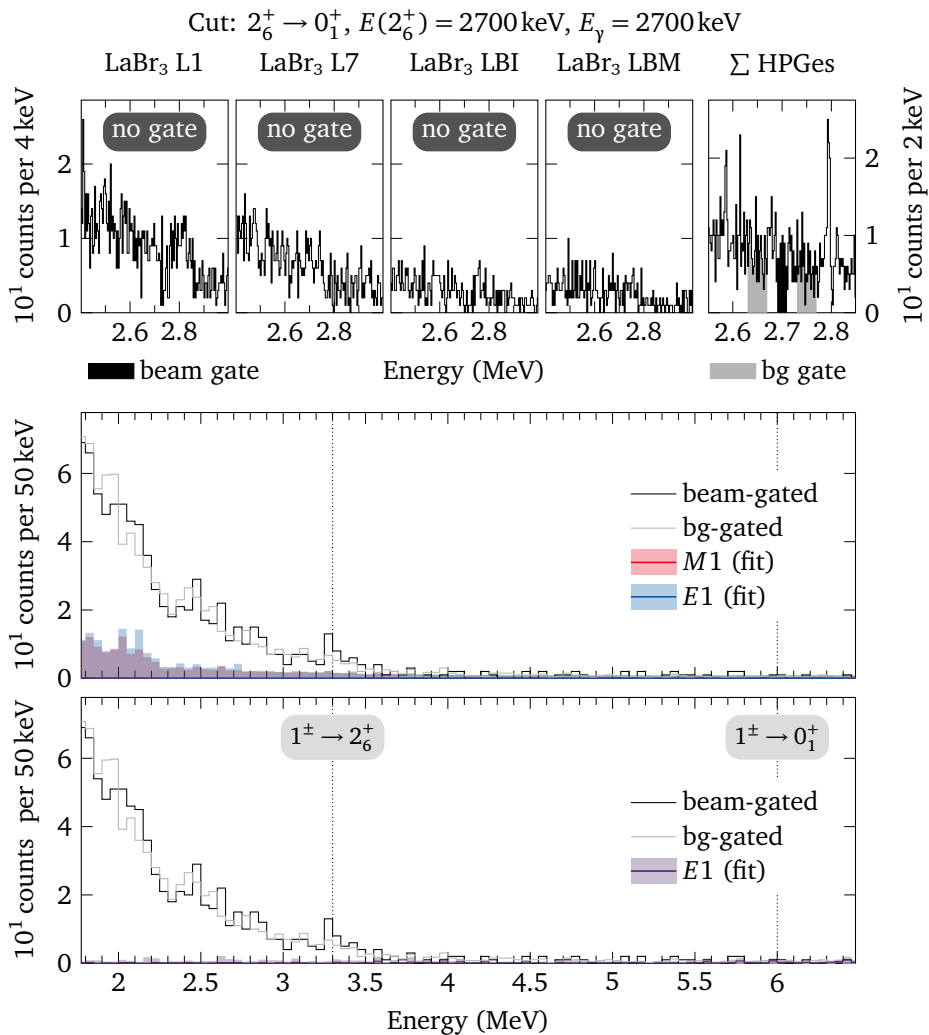


Figure 1.239: $E_{\text{beam}} = 6000 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

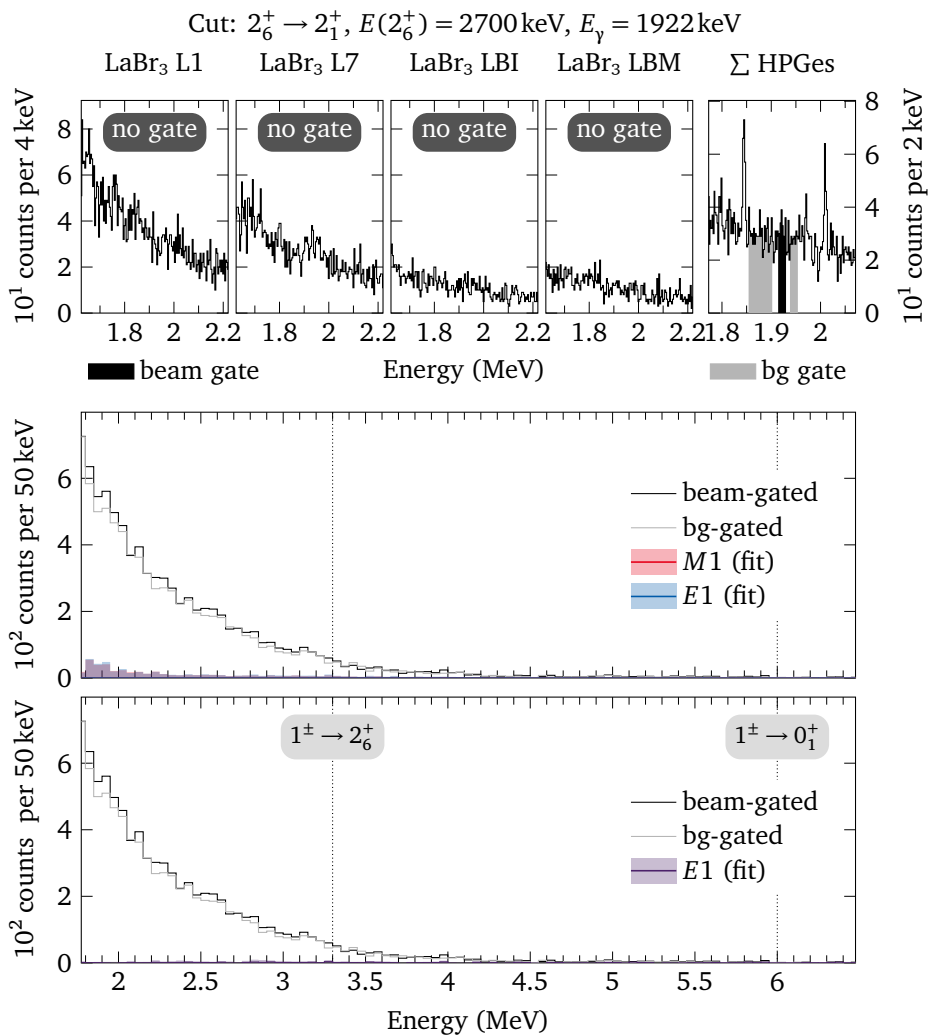


Figure 1.240: $E_{\text{beam}} = 6000 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

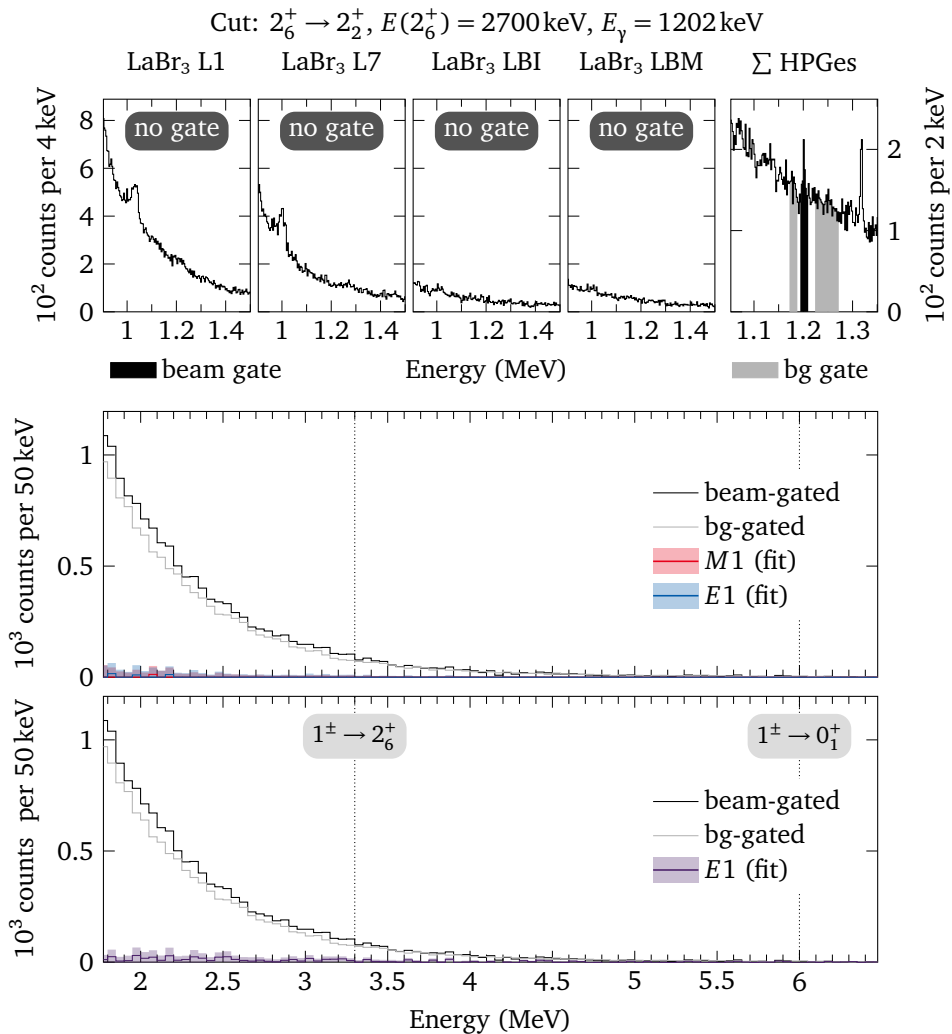


Figure 1.241: $E_{\text{beam}} = 6000 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

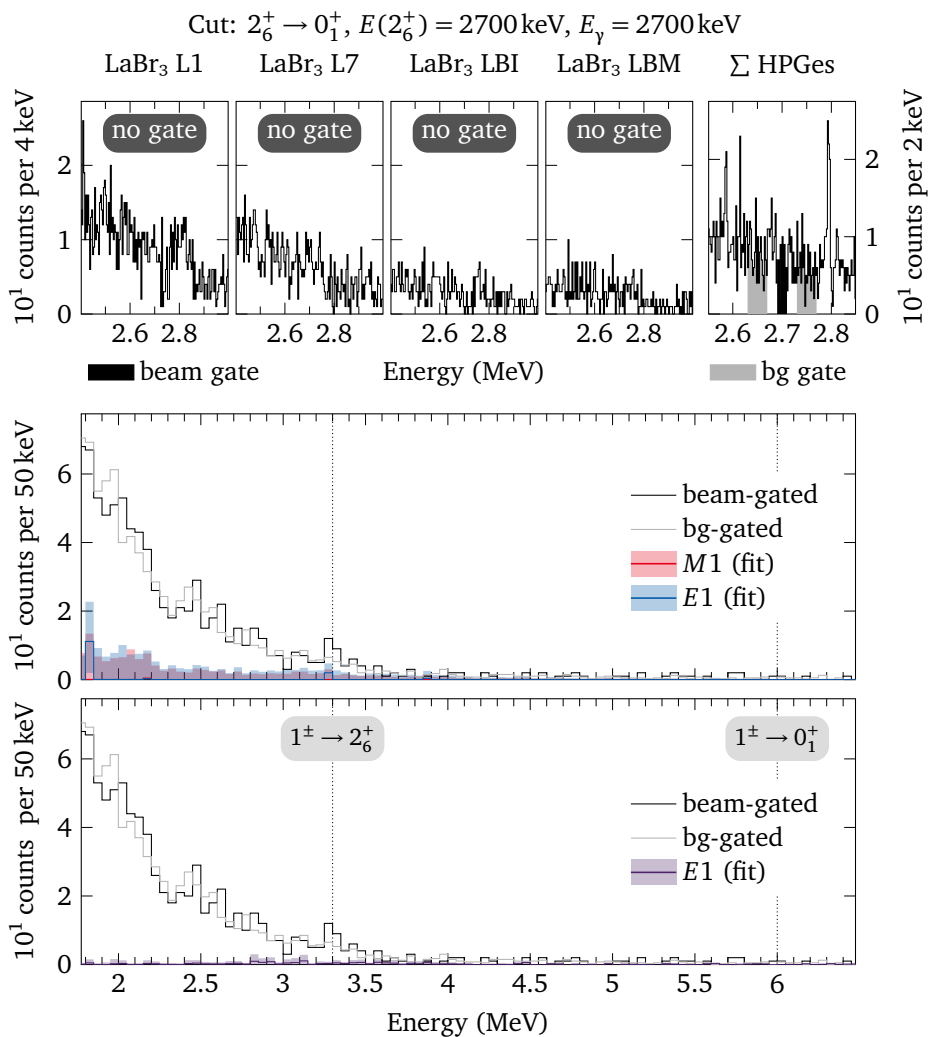


Figure 1.242: $E_{\text{beam}} = 6000 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

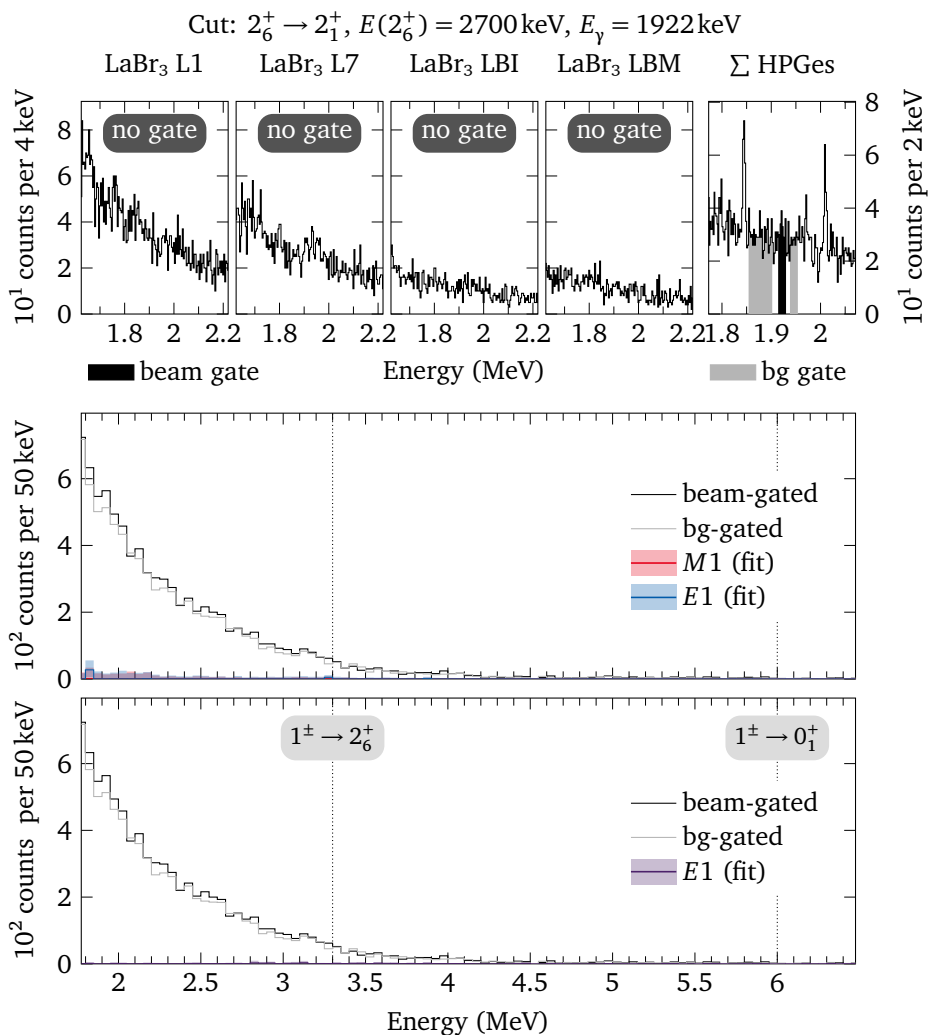


Figure 1.243: $E_{\text{beam}} = 6000 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

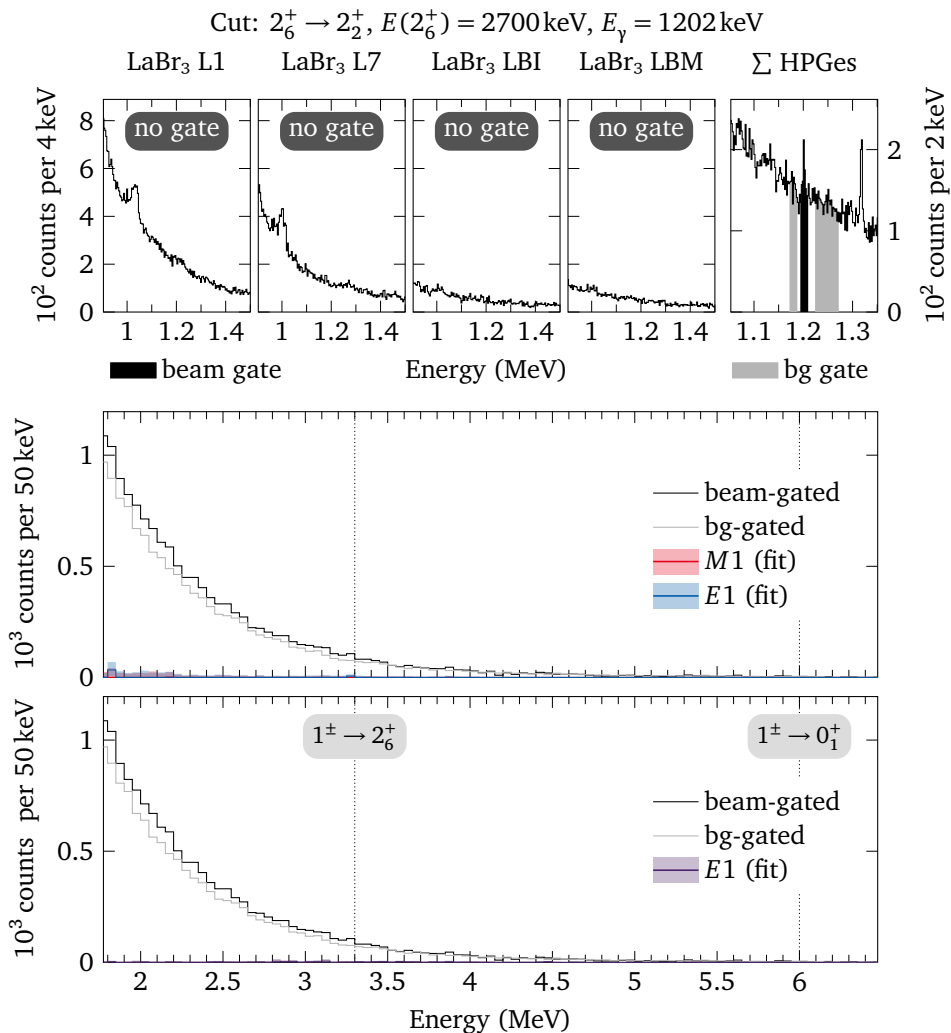


Figure 1.244: $E_{\text{beam}} = 6000\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

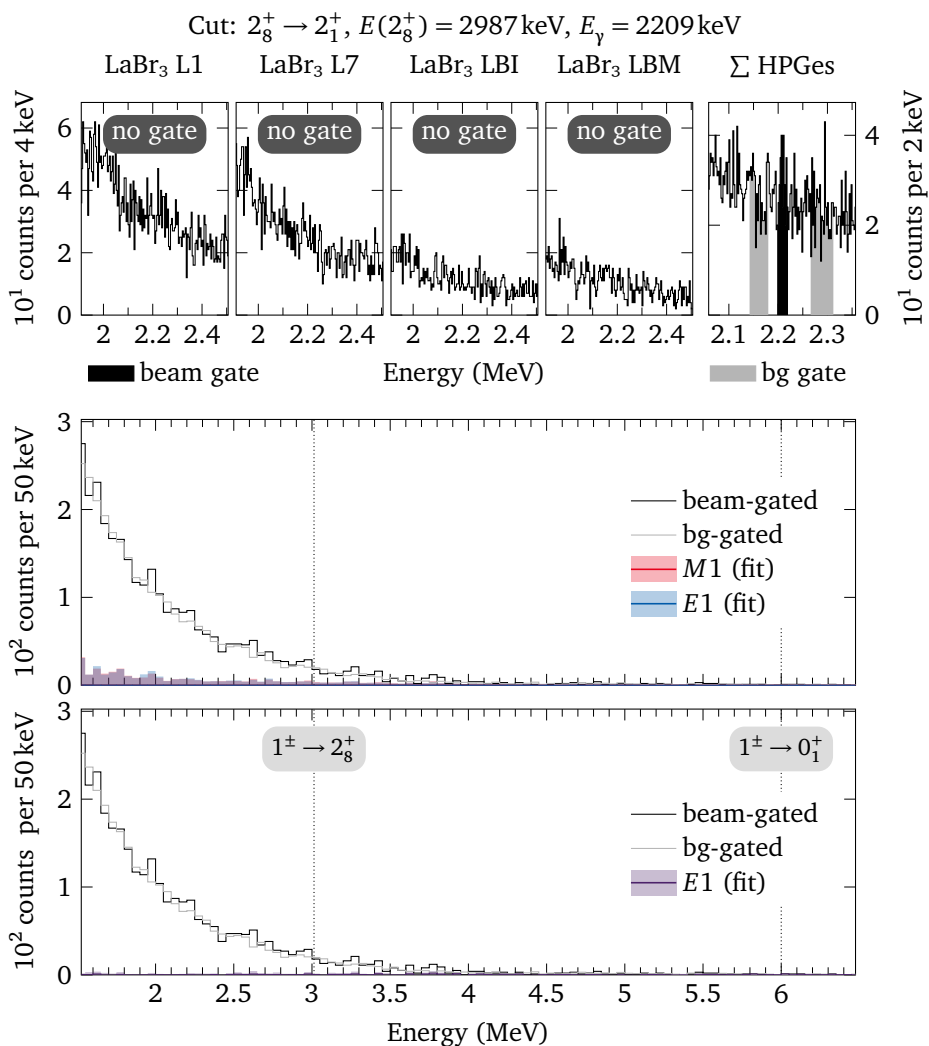


Figure 1.246: $E_{\text{beam}} = 6000 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

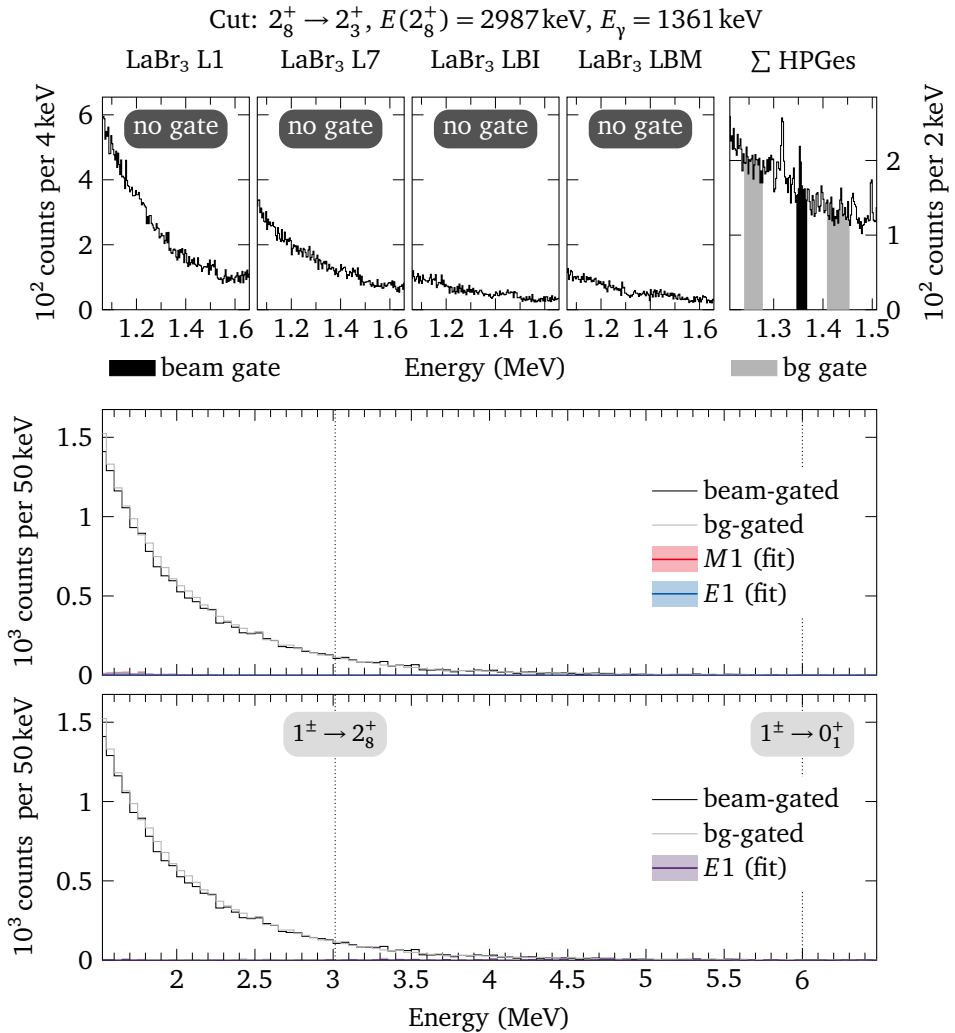


Figure 1.247: $E_{\text{beam}} = 6000 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

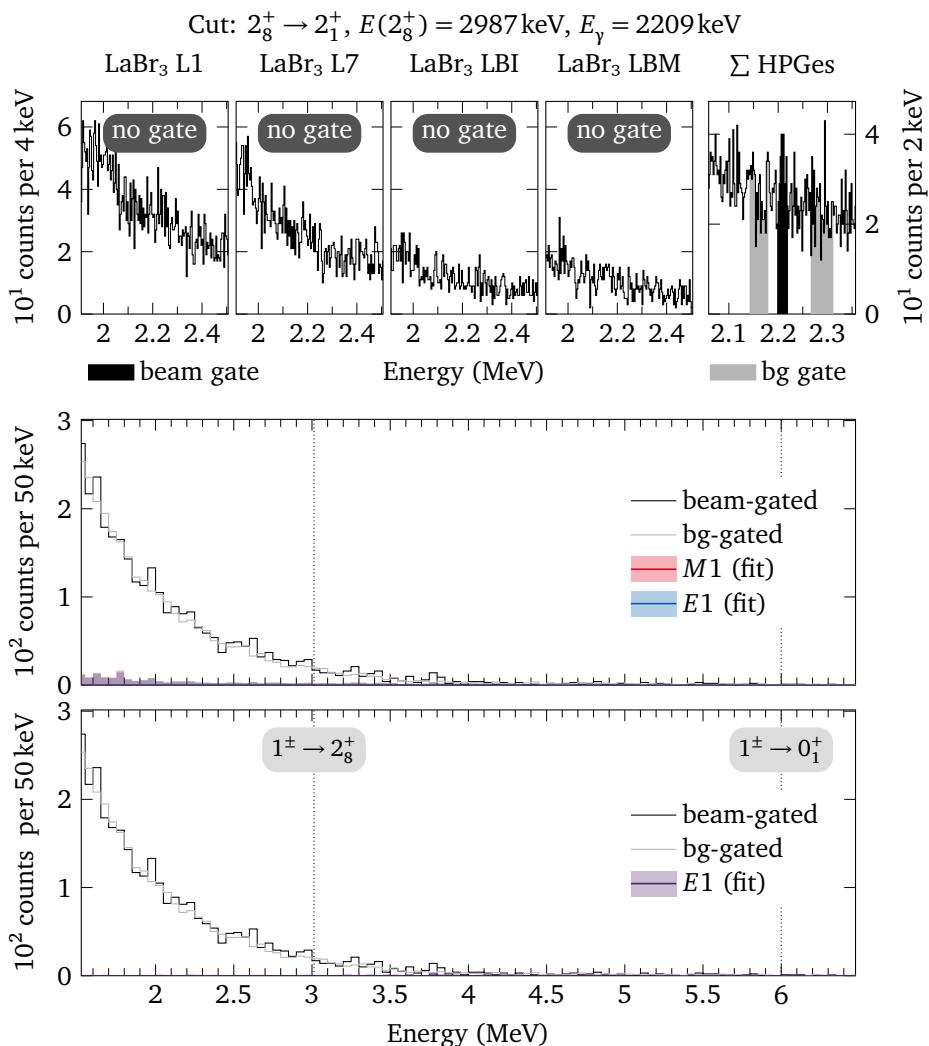


Figure 1.248: $E_{\text{beam}} = 6000 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

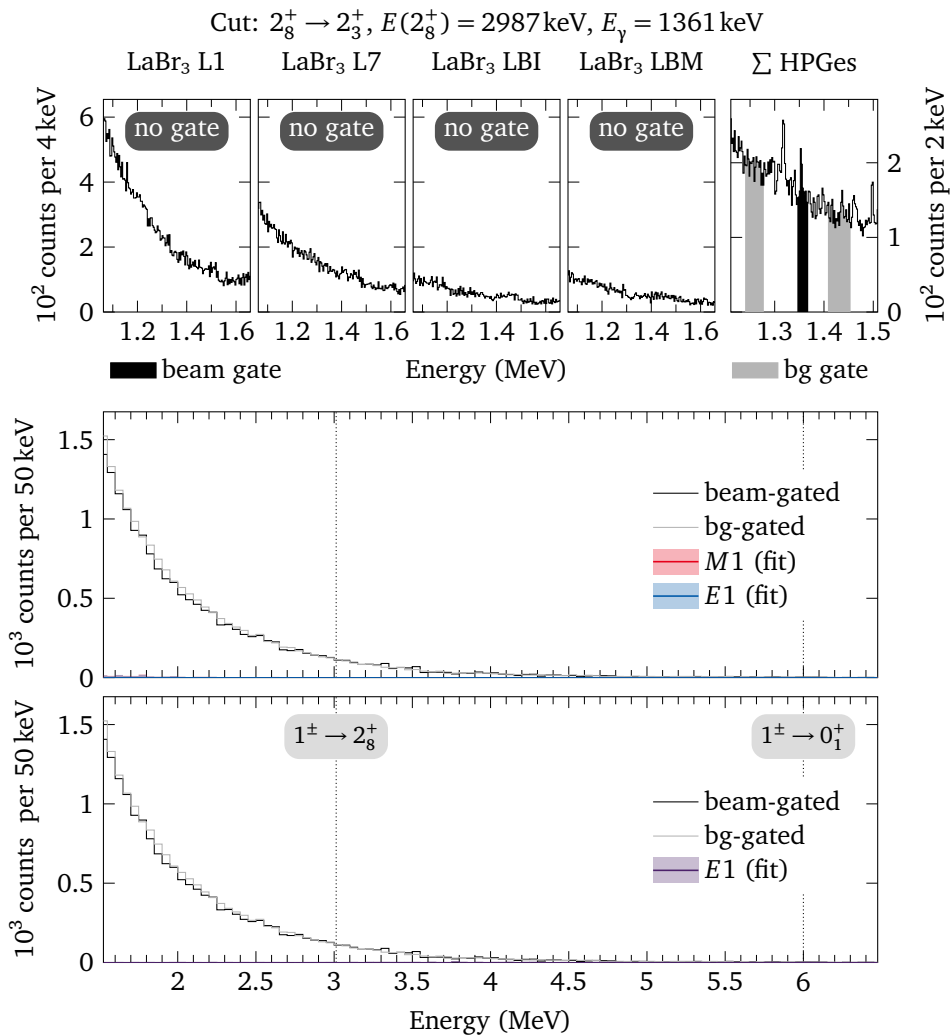


Figure 1.249: $E_{\text{beam}} = 6000 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

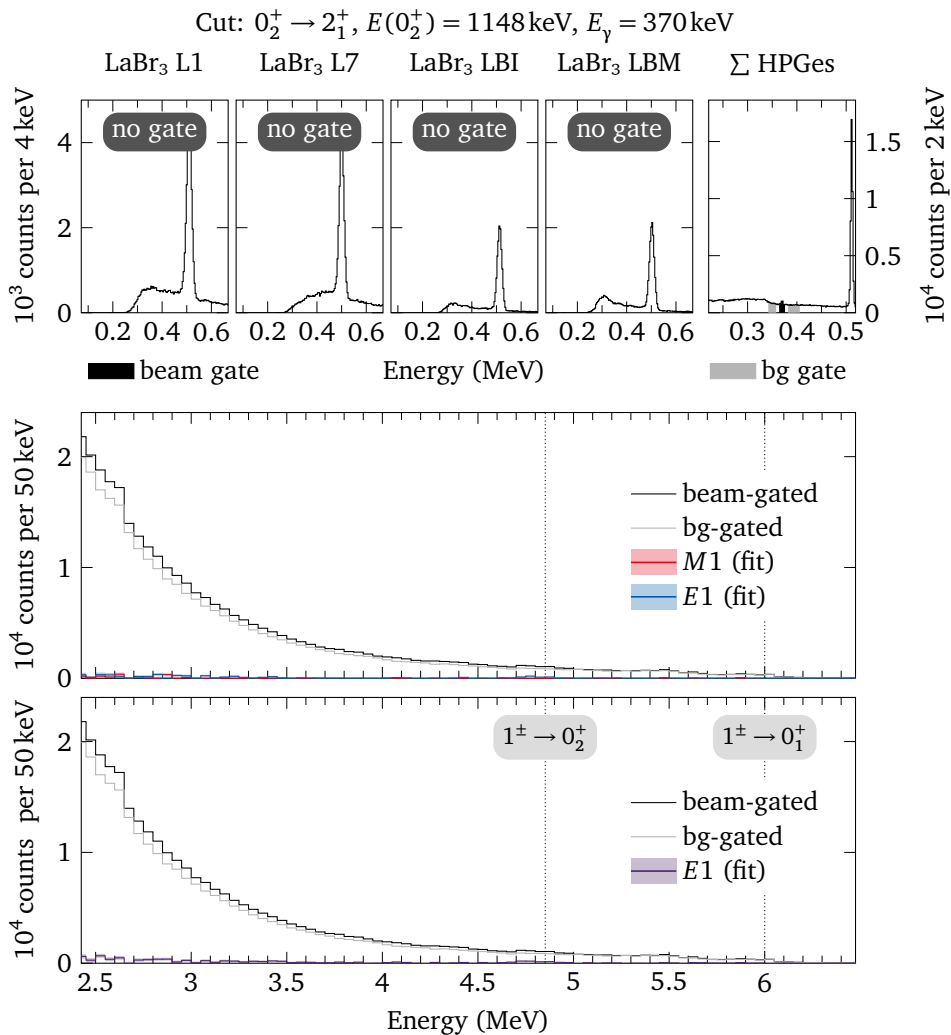


Figure 1.250: $E_{\text{beam}} = 6000 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

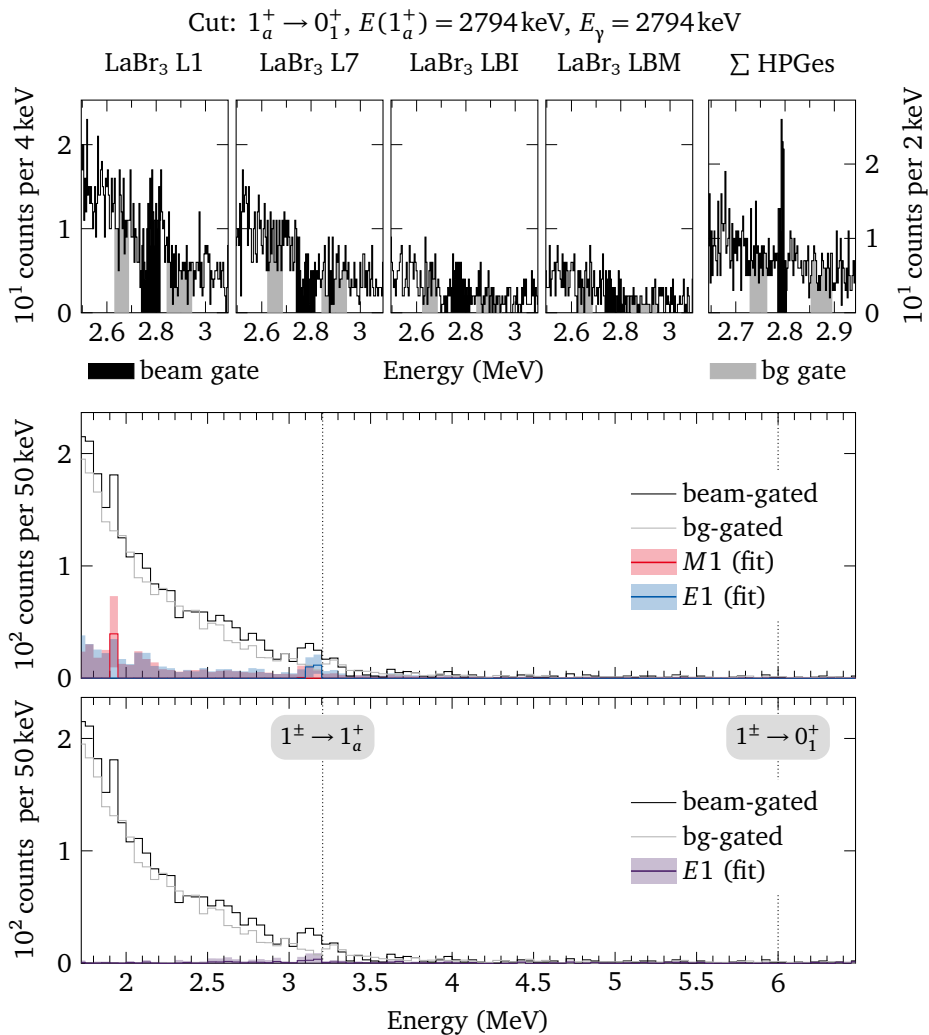


Figure 1.251: $E_{\text{beam}} = 6000 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

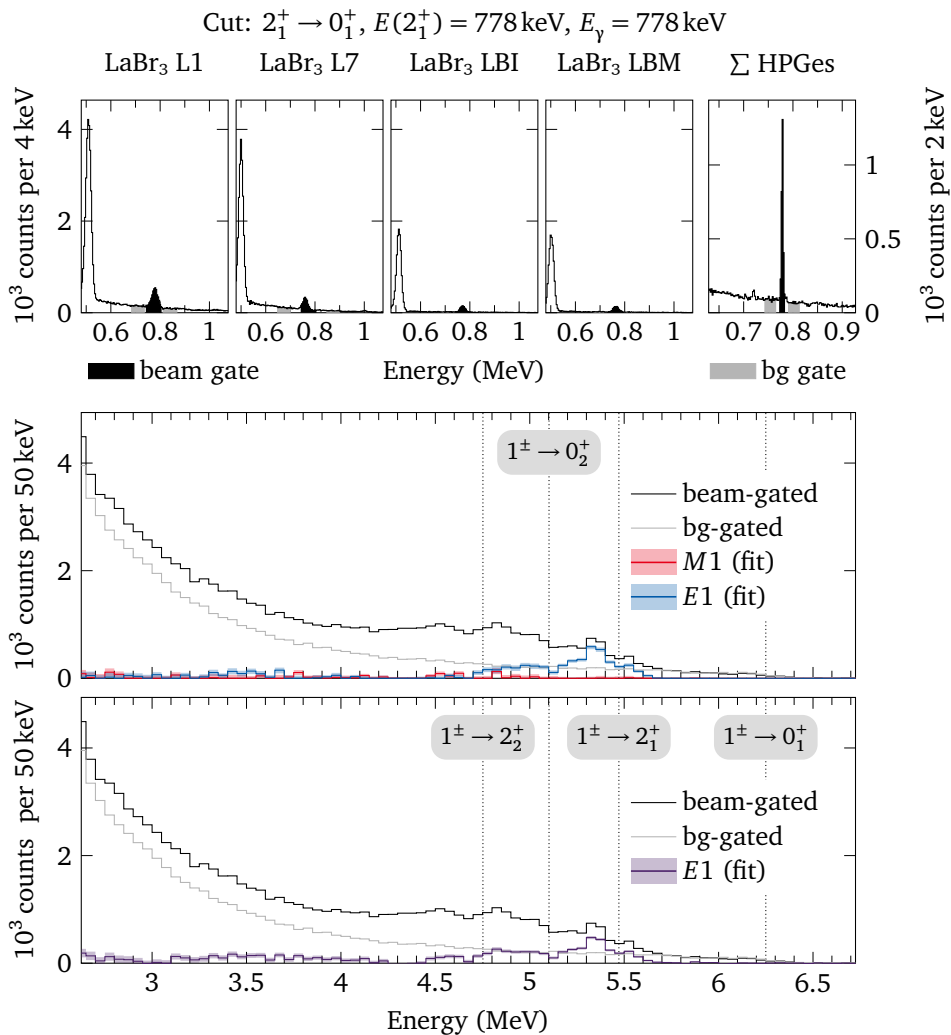


Figure 1.254: $E_{\text{beam}} = 6250 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

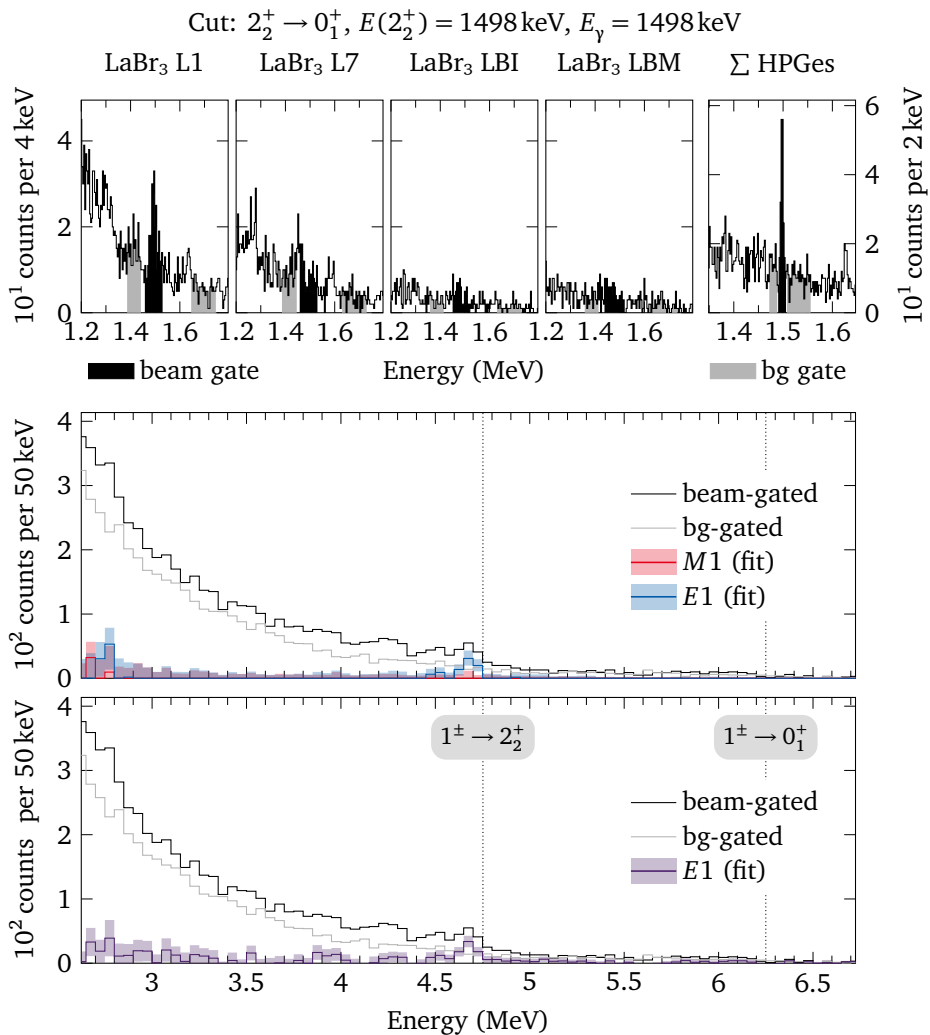


Figure 1.255: $E_{\text{beam}} = 6250 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

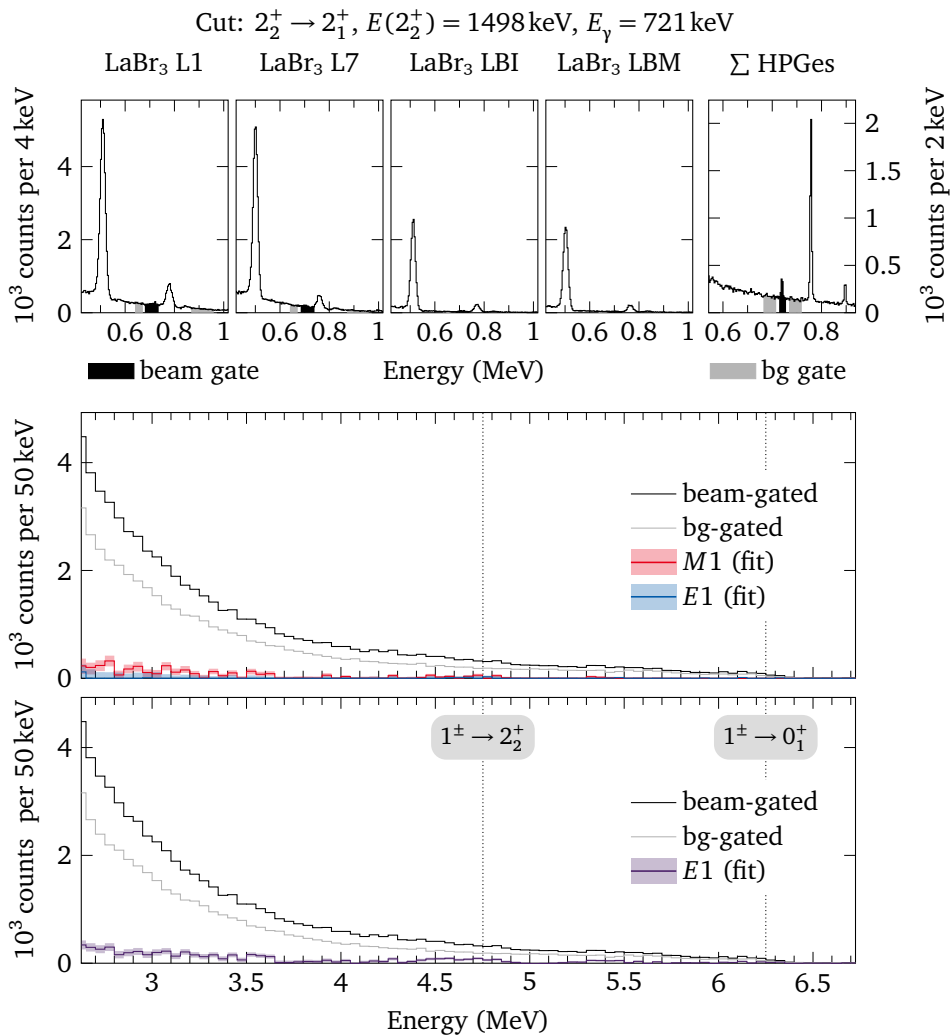


Figure 1.256: $E_{\text{beam}} = 6250 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

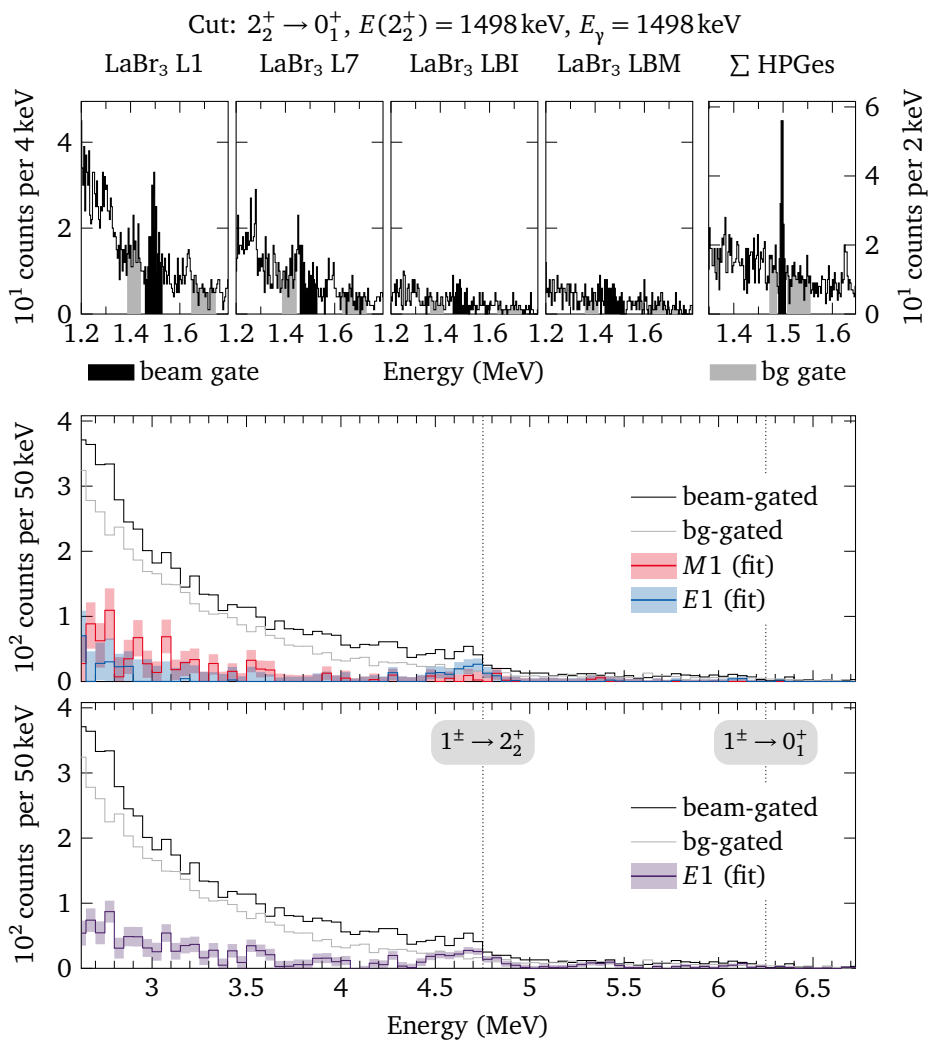


Figure 1.257: $E_{\text{beam}} = 6250 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

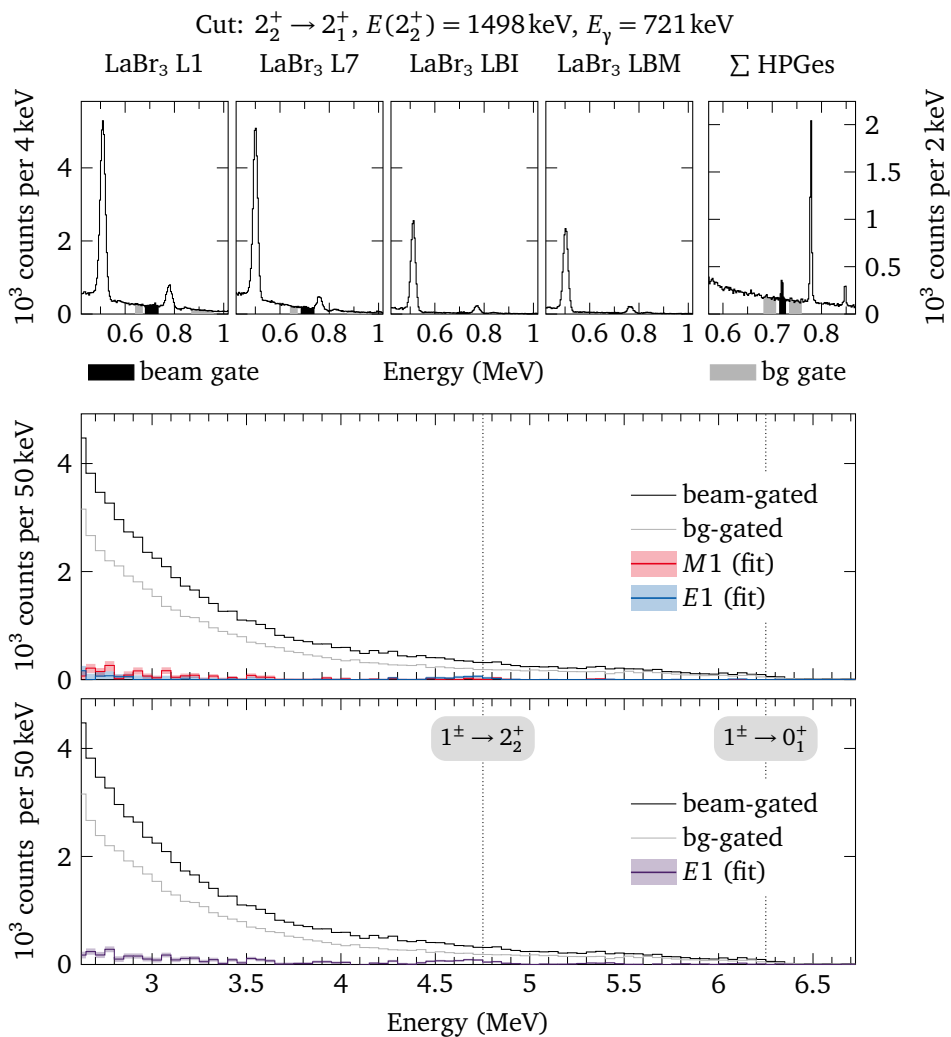


Figure 1.258: $E_{\text{beam}} = 6250 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

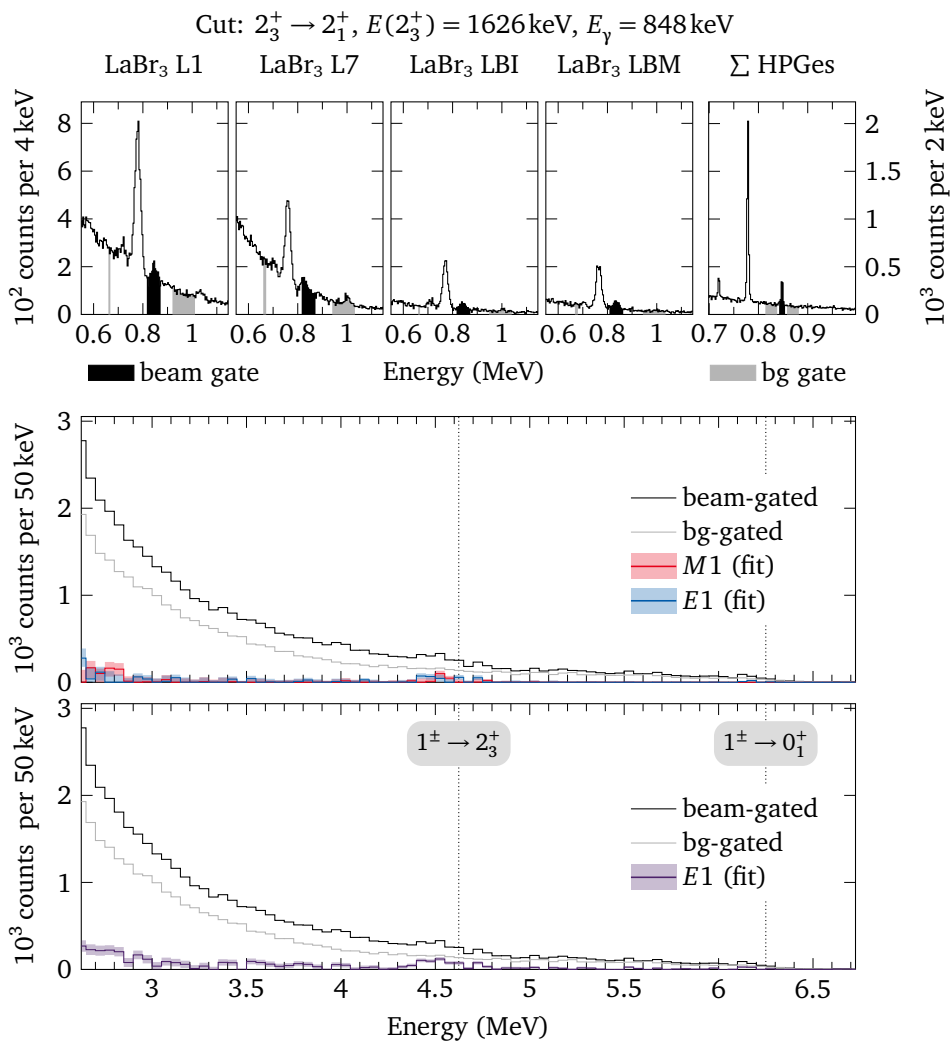


Figure 1.259: $E_{\text{beam}} = 6250 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

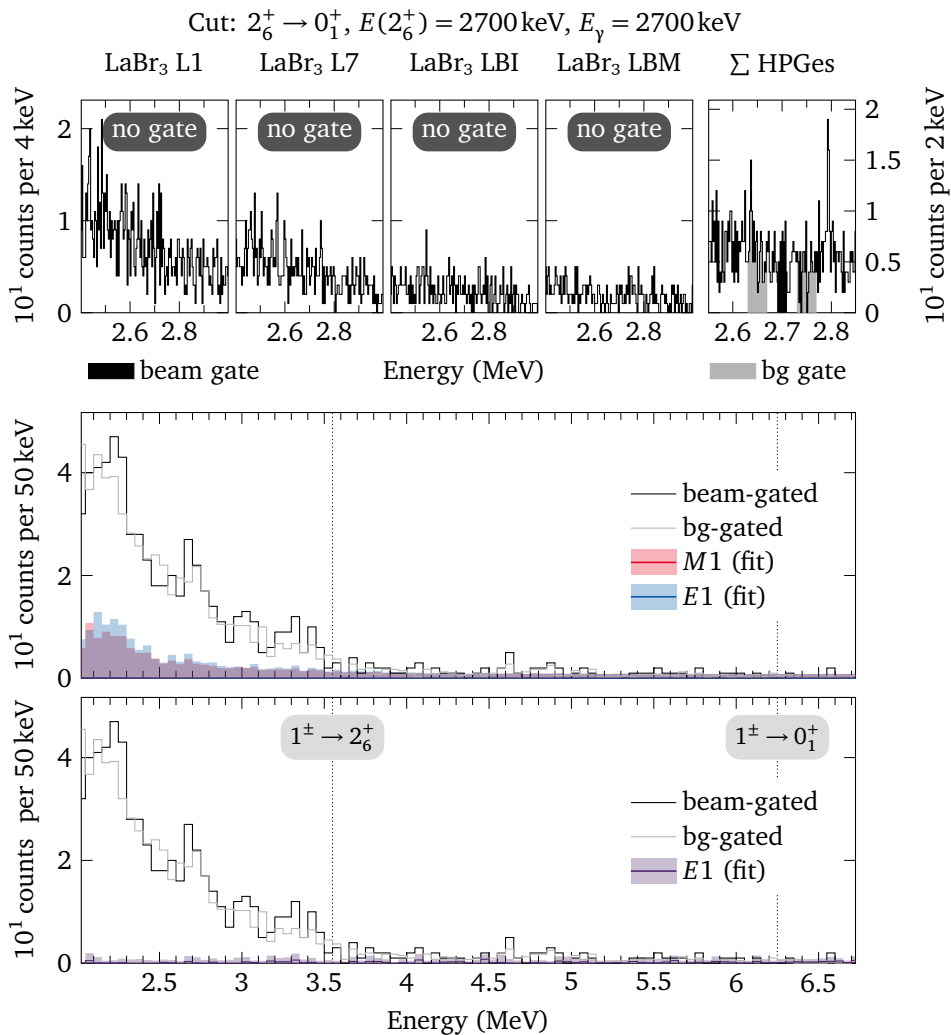


Figure 1.262: $E_{\text{beam}} = 6250 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

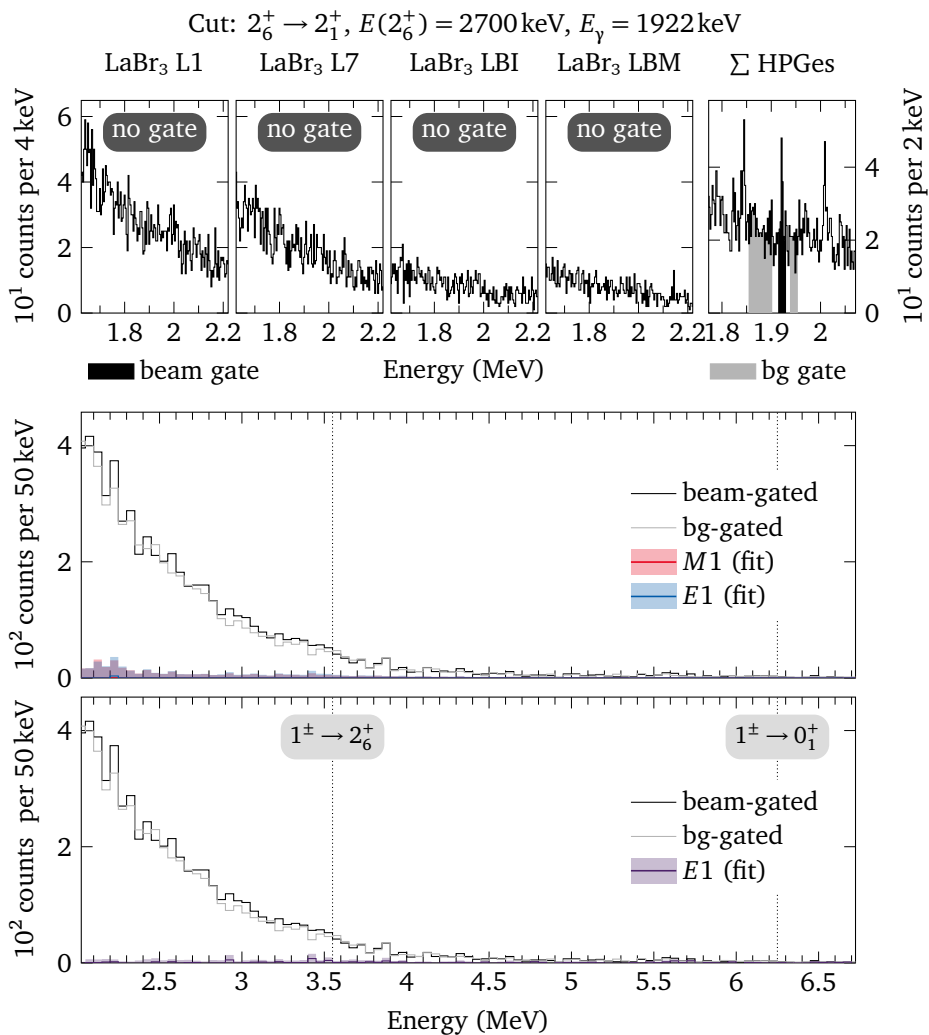


Figure 1.263: $E_{\text{beam}} = 6250 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

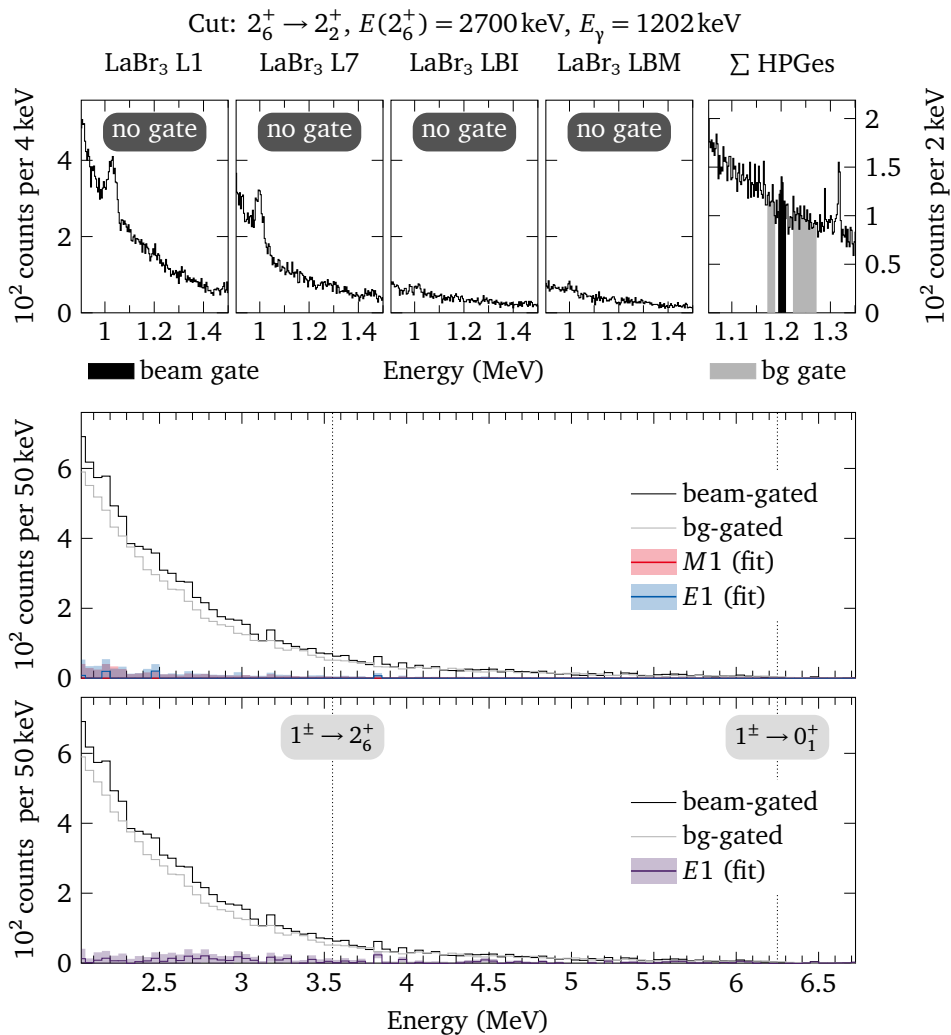


Figure 1.264: $E_{\text{beam}} = 6250 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

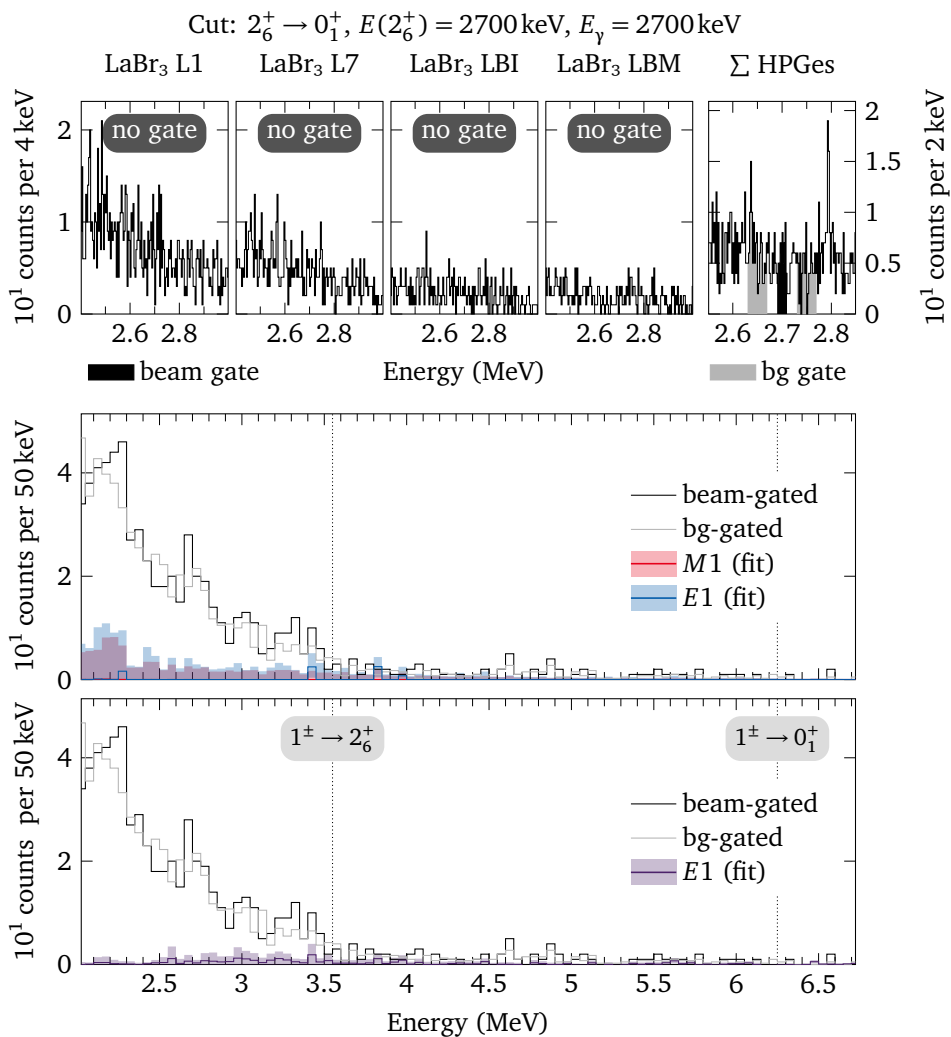


Figure 1.265: $E_{\text{beam}} = 6250 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

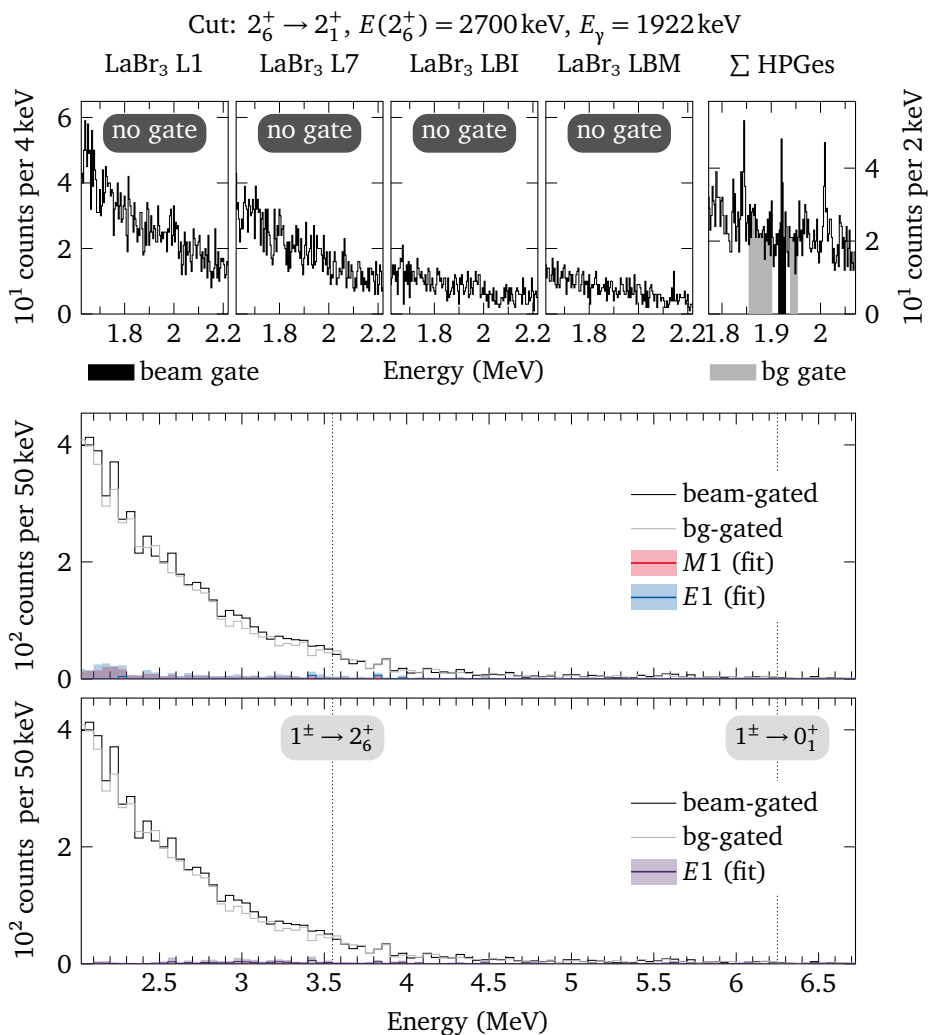


Figure 1.266: $E_{\text{beam}} = 6250 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

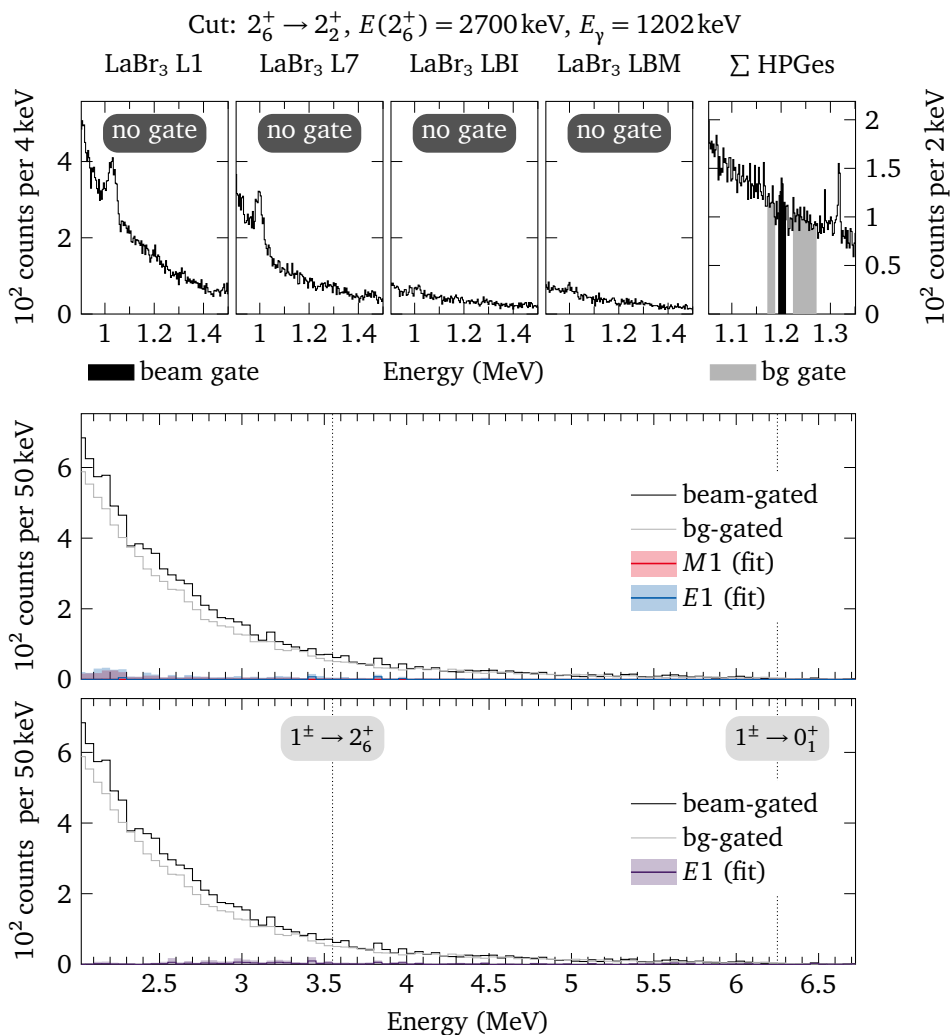


Figure 1.267: $E_{\text{beam}} = 6250 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

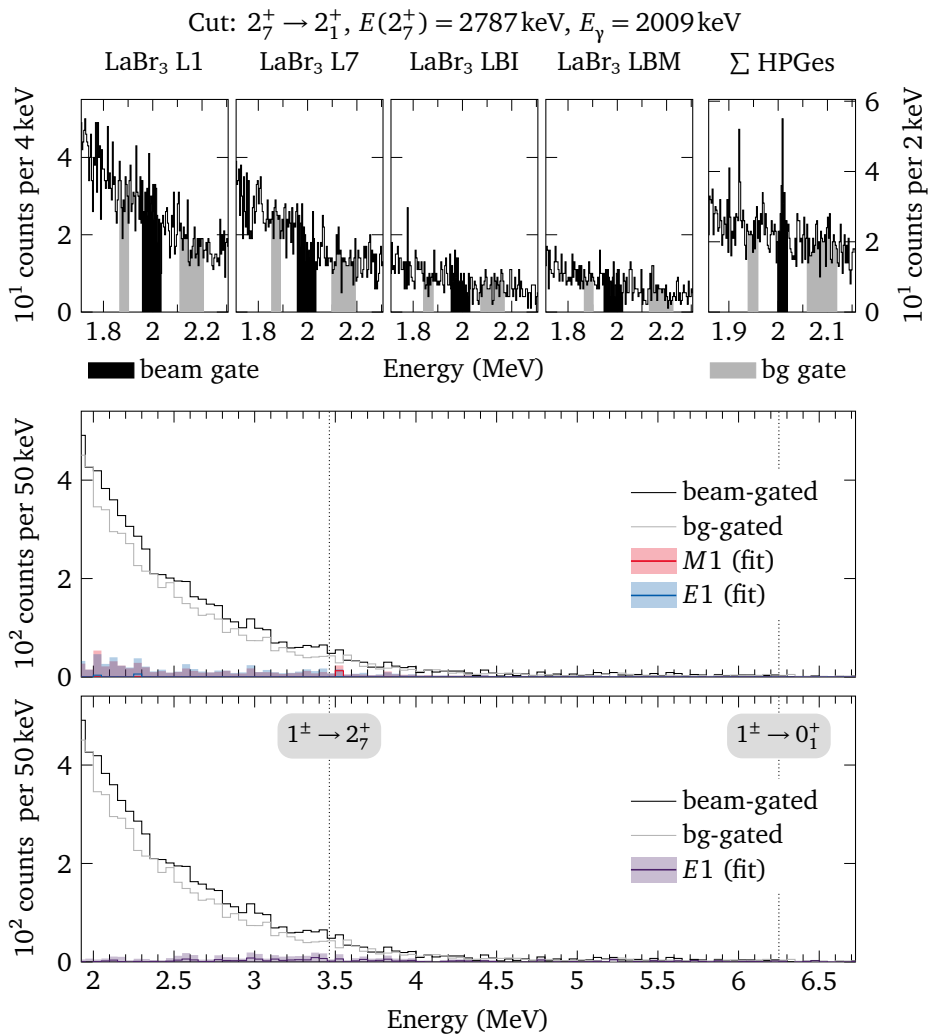


Figure 1.268: $E_{\text{beam}} = 6250 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

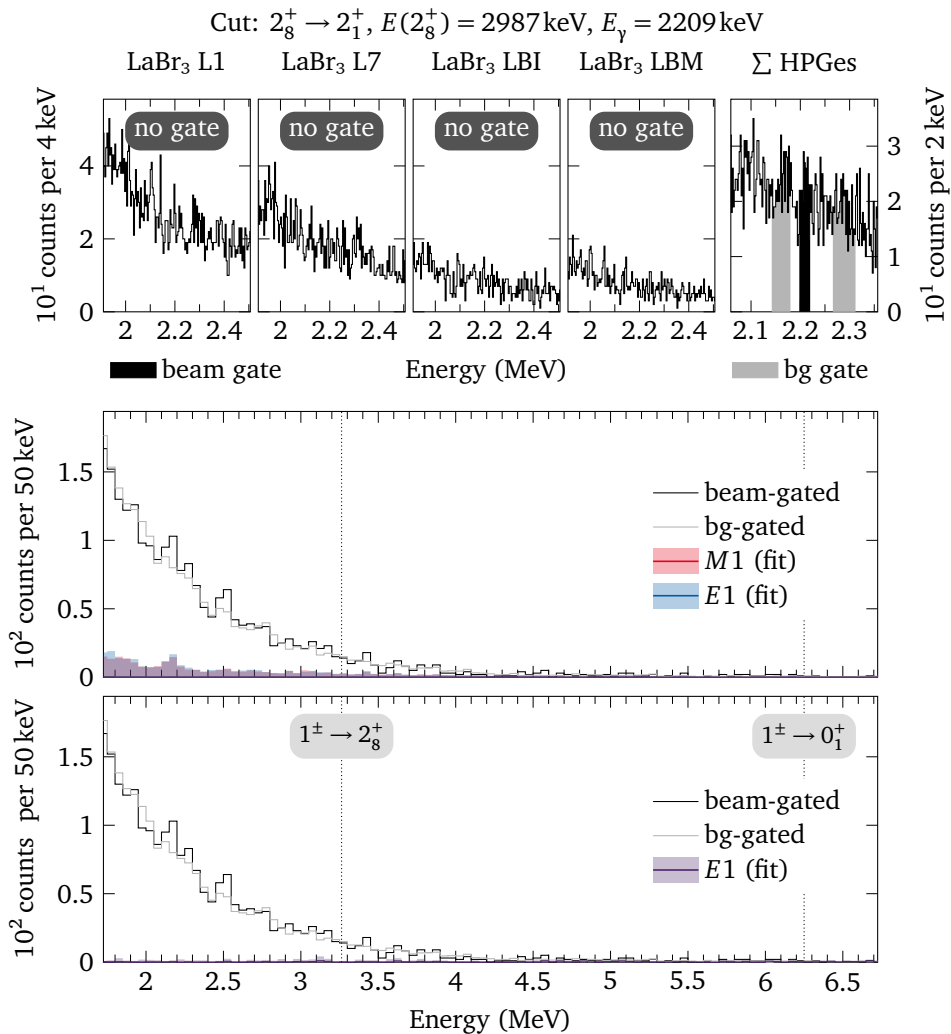


Figure 1.269: $E_{\text{beam}} = 6250 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

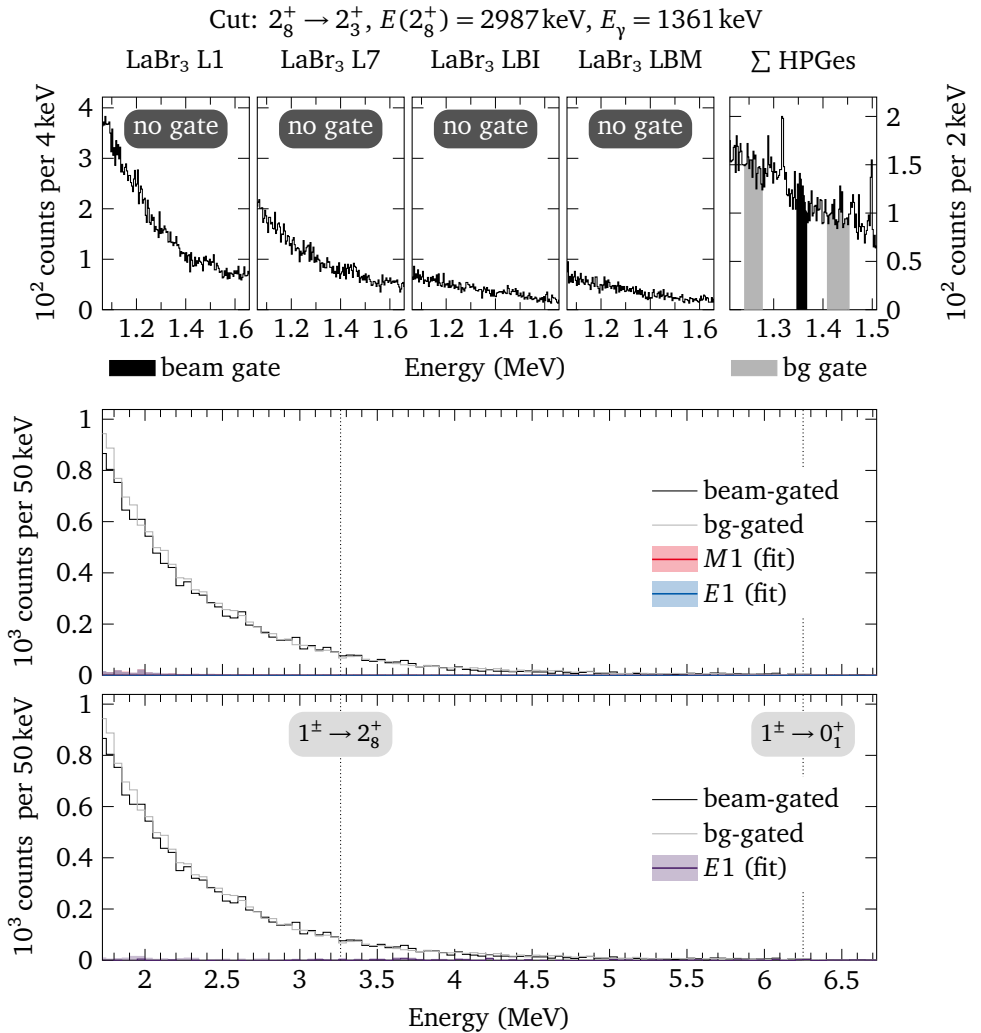


Figure 1.270: $E_{\text{beam}} = 6250 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

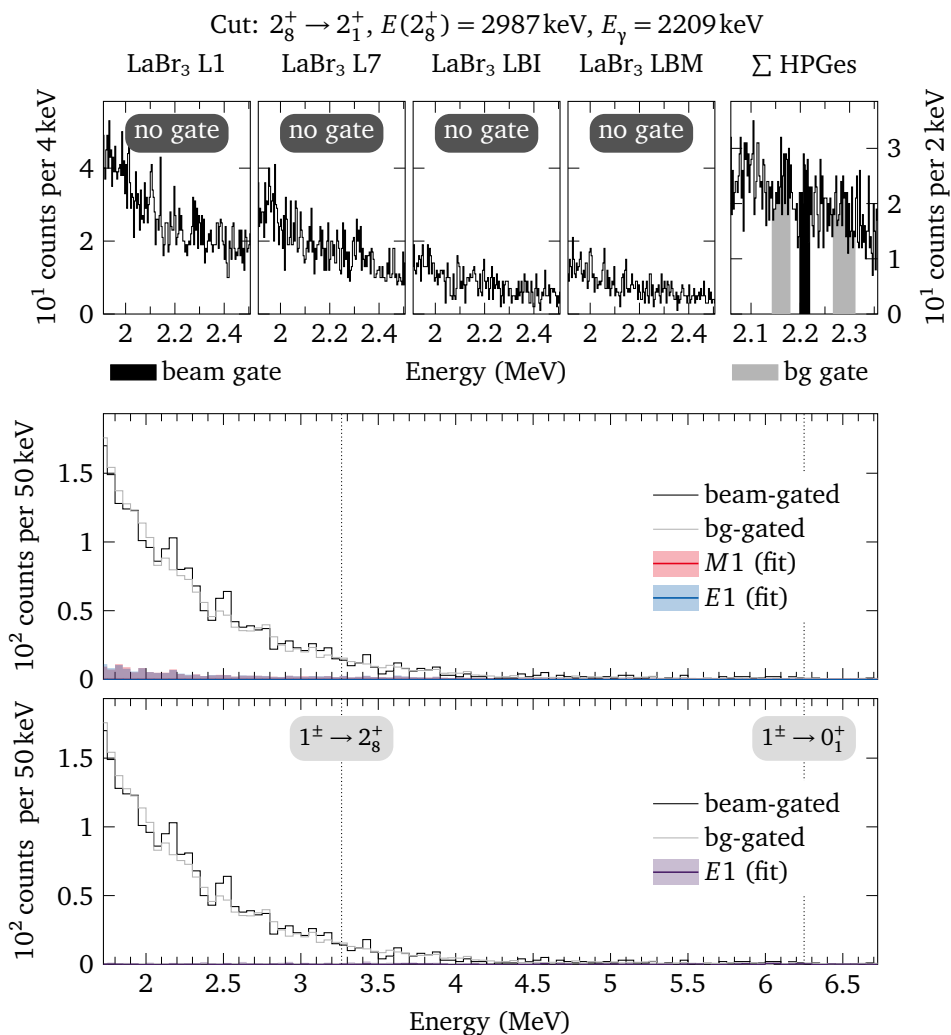


Figure 1.271: $E_{\text{beam}} = 6250 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

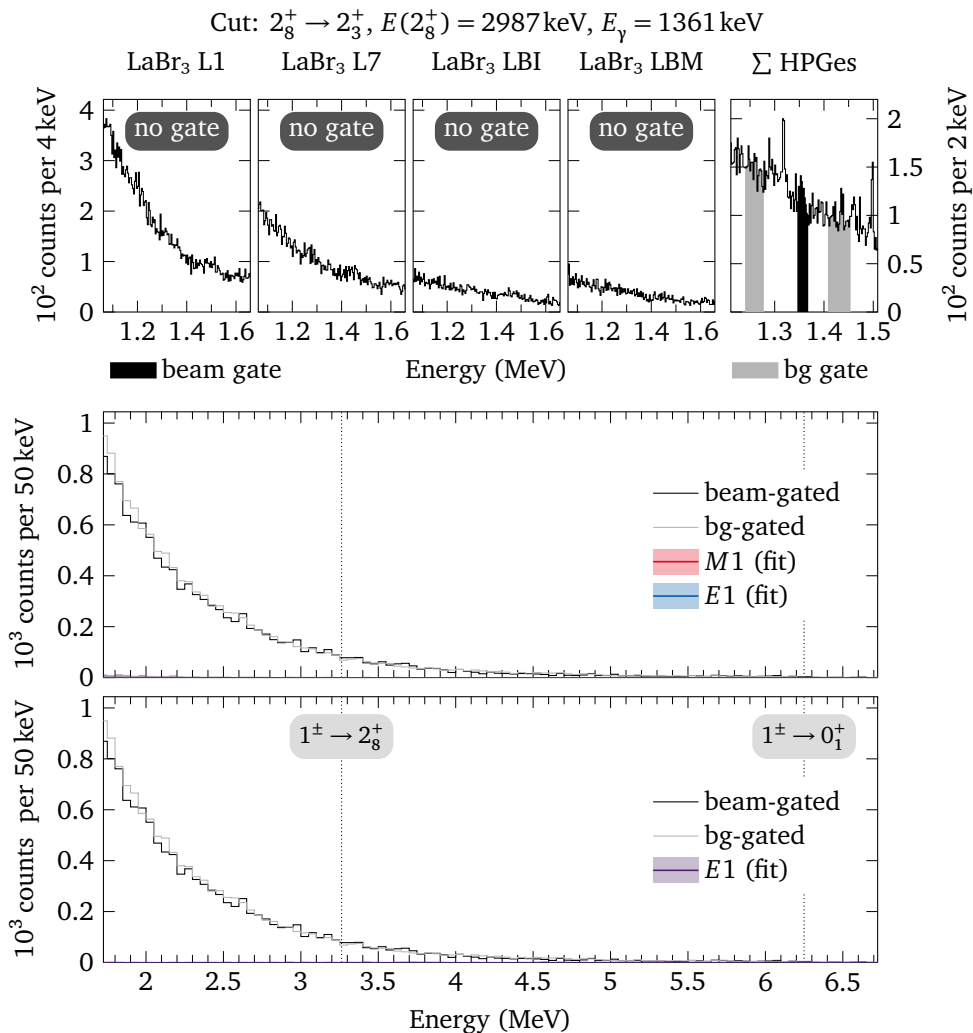


Figure 1.272: $E_{\text{beam}} = 6250 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

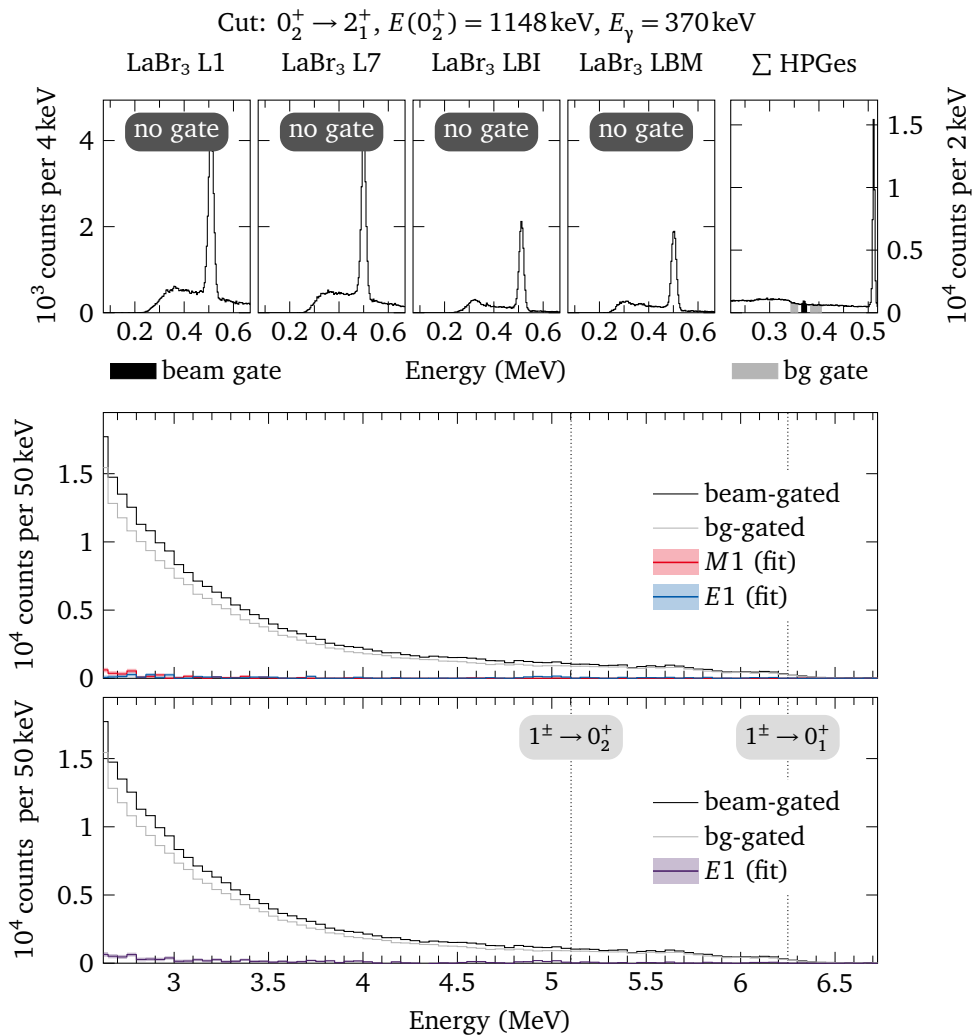


Figure 1.273: $E_{\text{beam}} = 6250 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

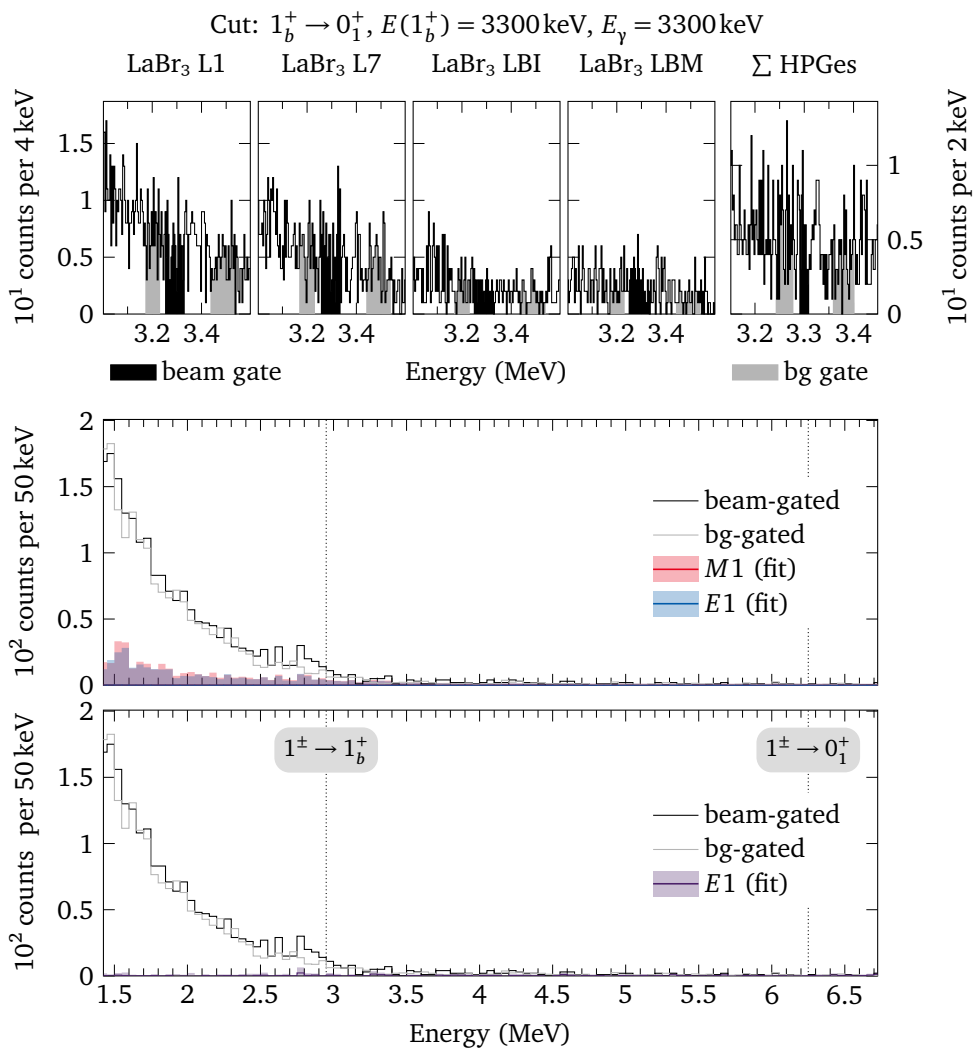


Figure 1.275: $E_{\text{beam}} = 6250\text{keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

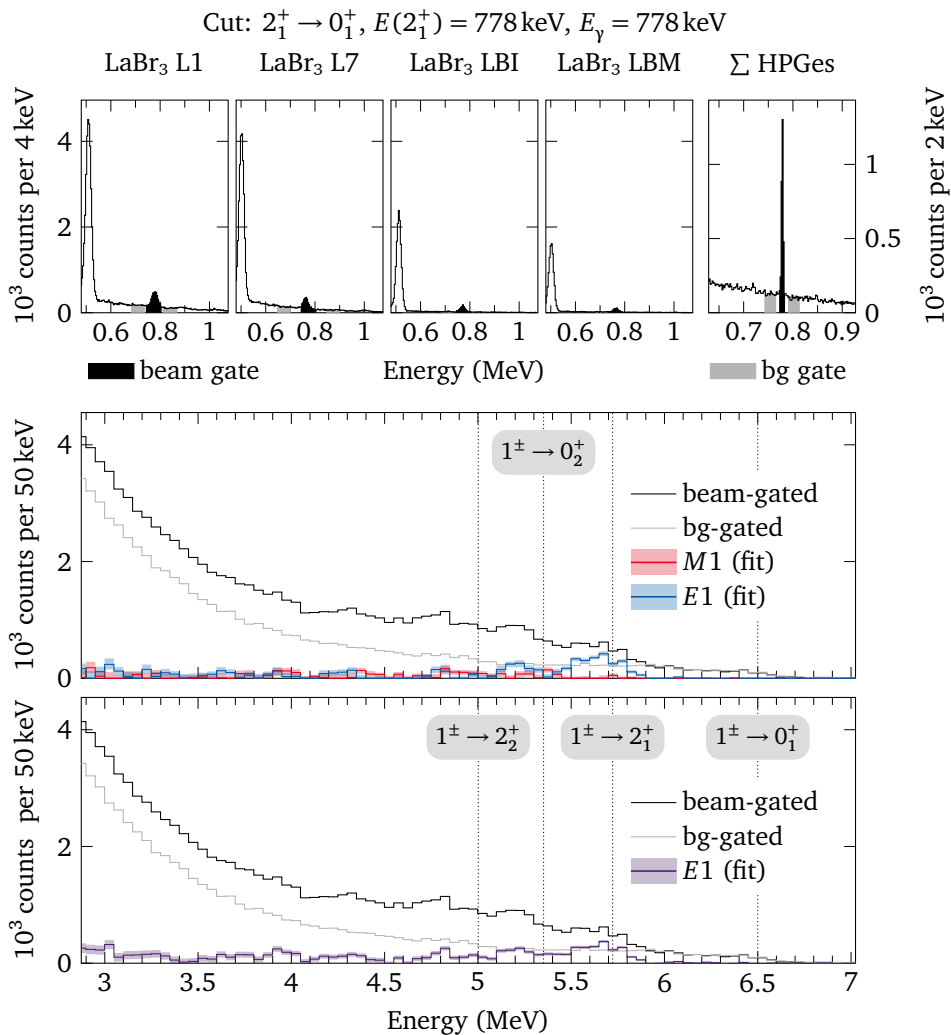


Figure 1.277: $E_{\text{beam}} = 6500 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

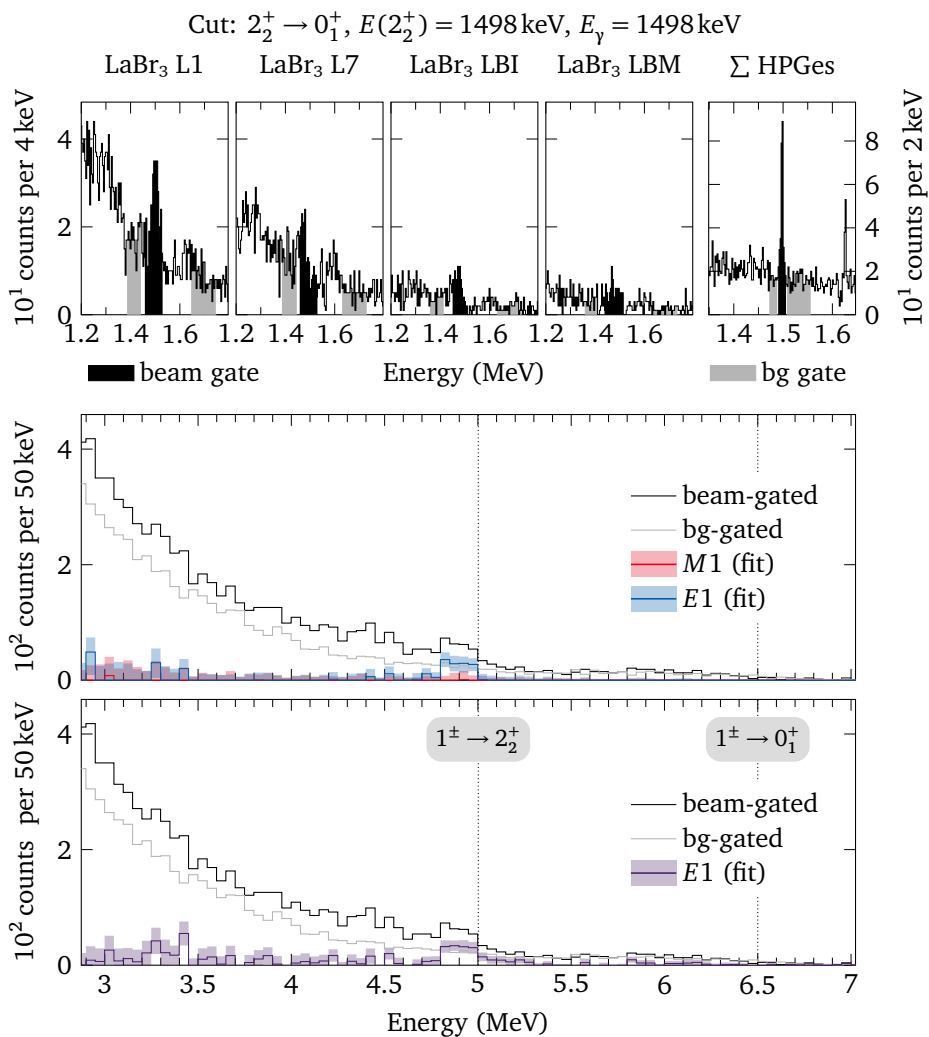


Figure 1.278: $E_{\text{beam}} = 6500 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

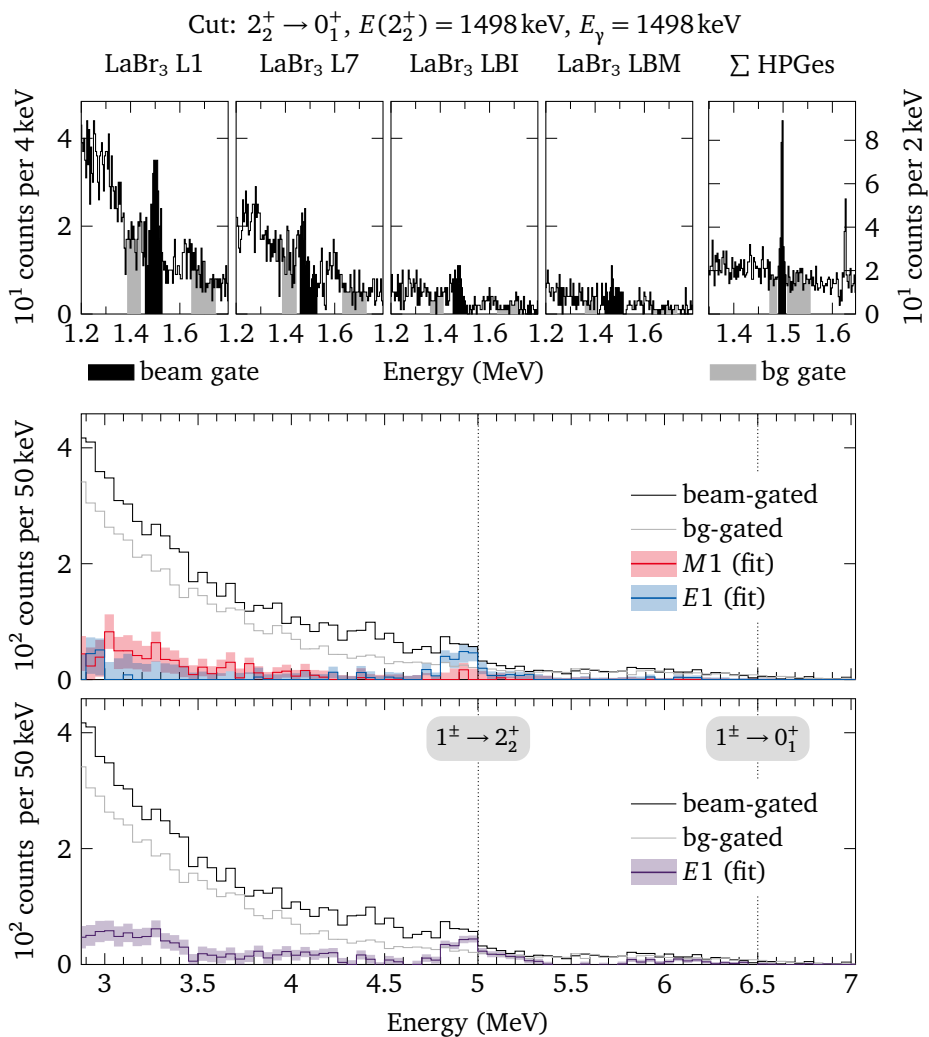


Figure 1.280: $E_{\text{beam}} = 6500 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

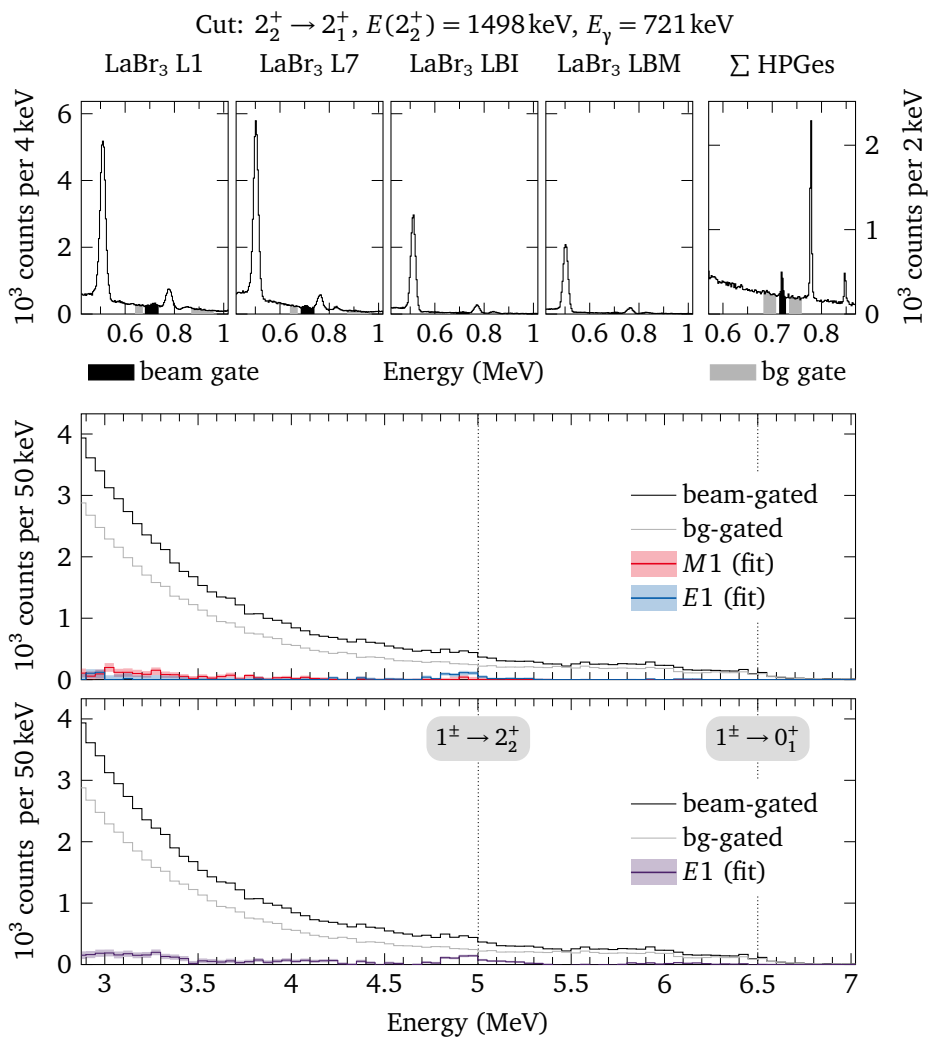


Figure 1.281: $E_{\text{beam}} = 6500 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

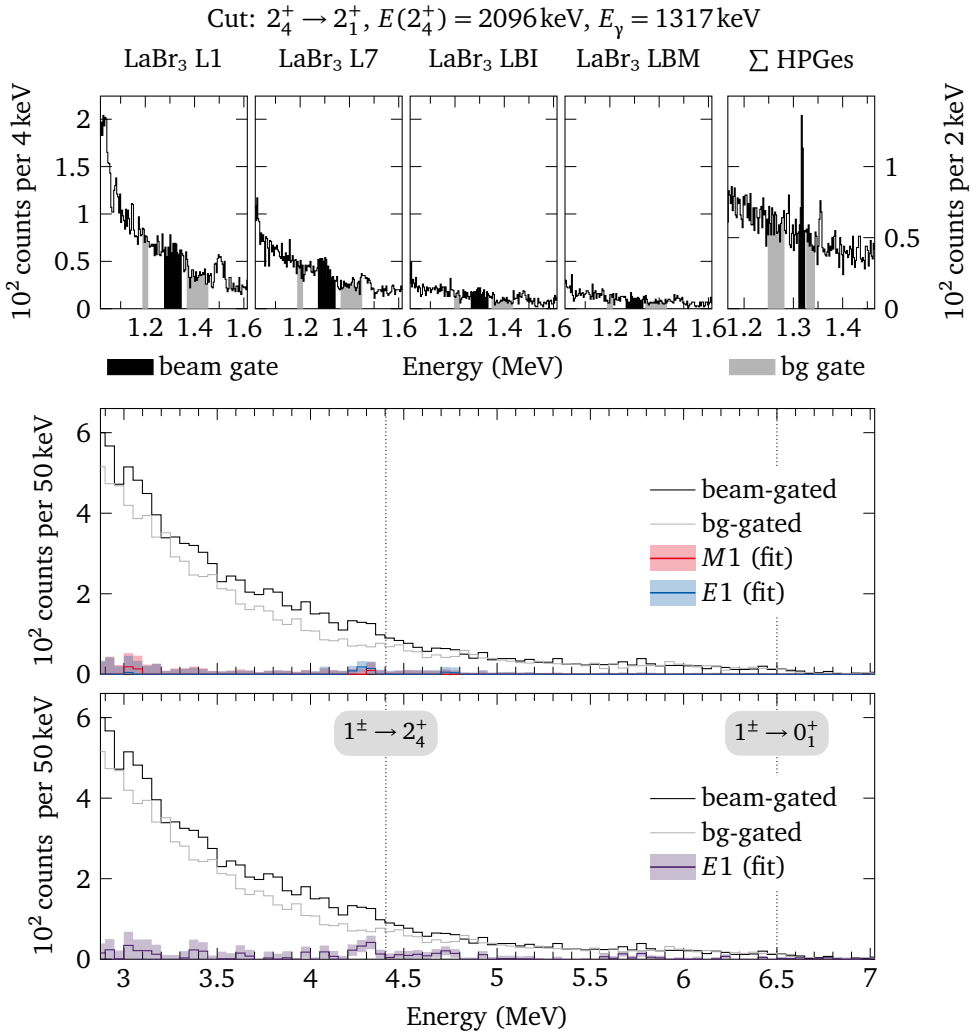


Figure 1.283: $E_{\text{beam}} = 6500 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

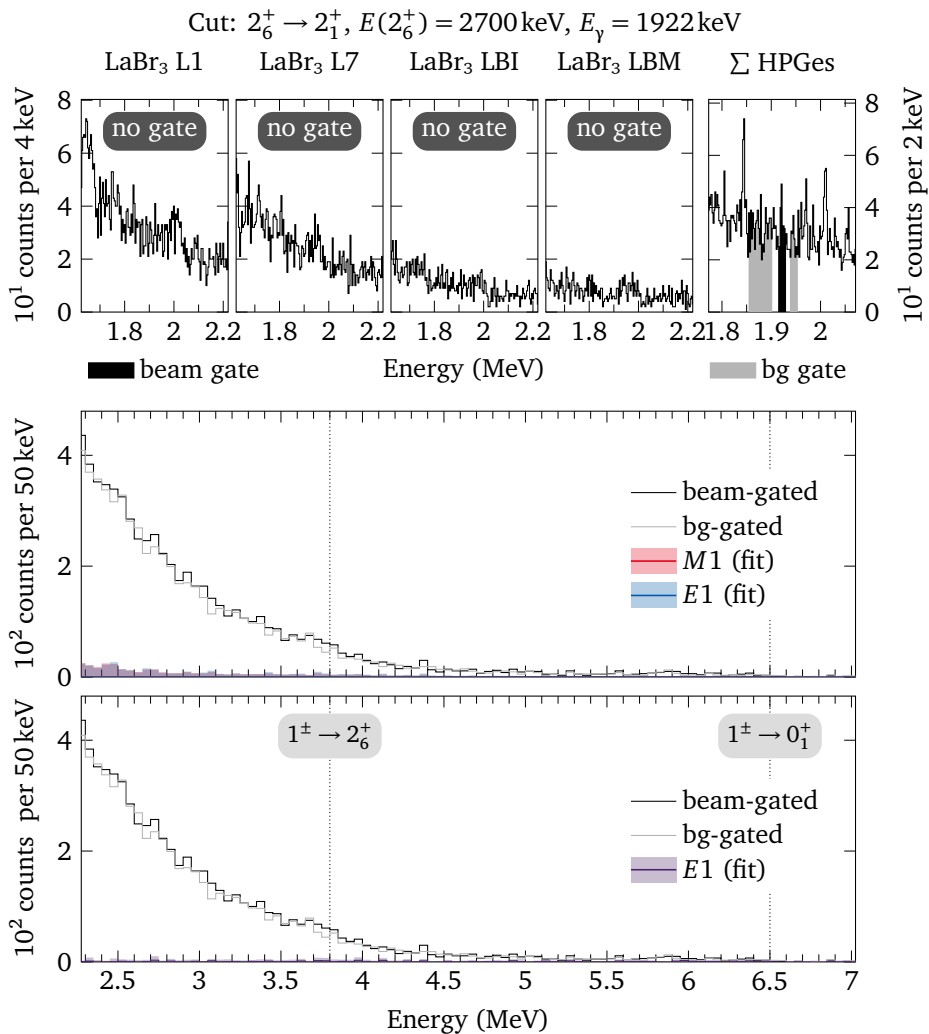


Figure 1.286: $E_{\text{beam}} = 6500 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

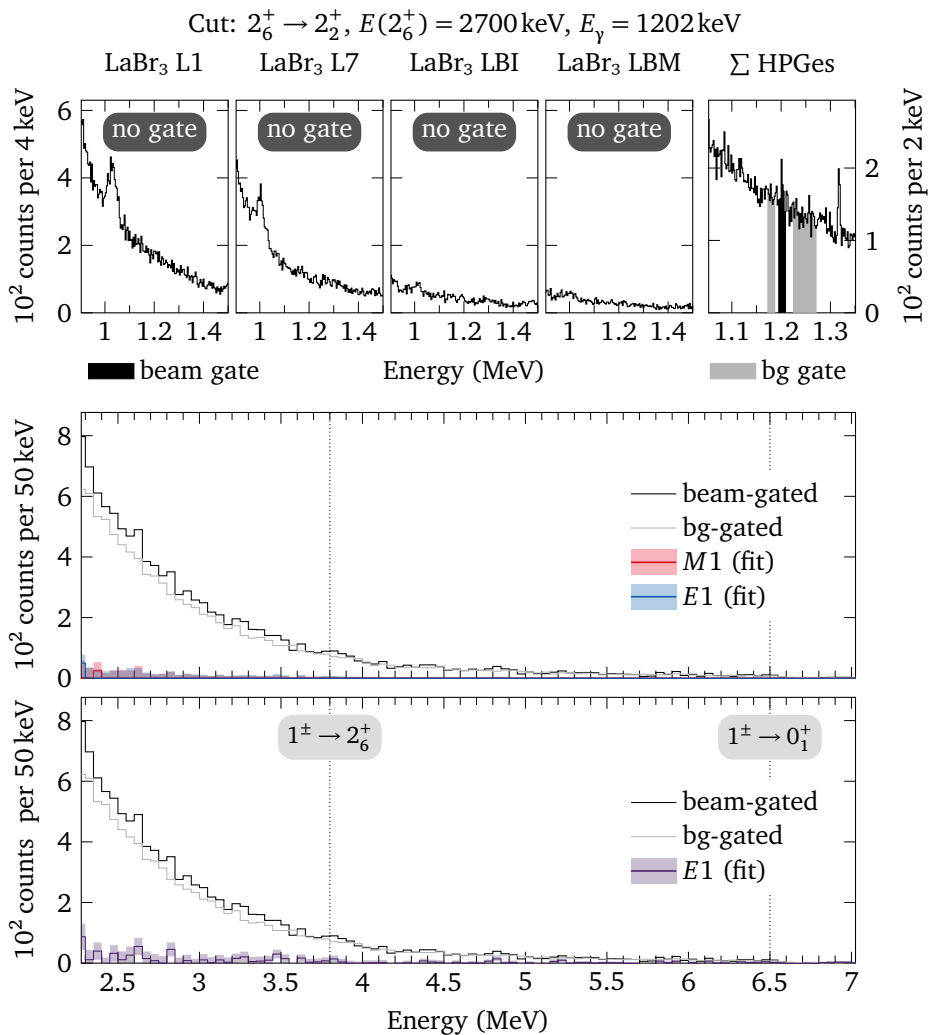


Figure 1.287: $E_{\text{beam}} = 6500 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

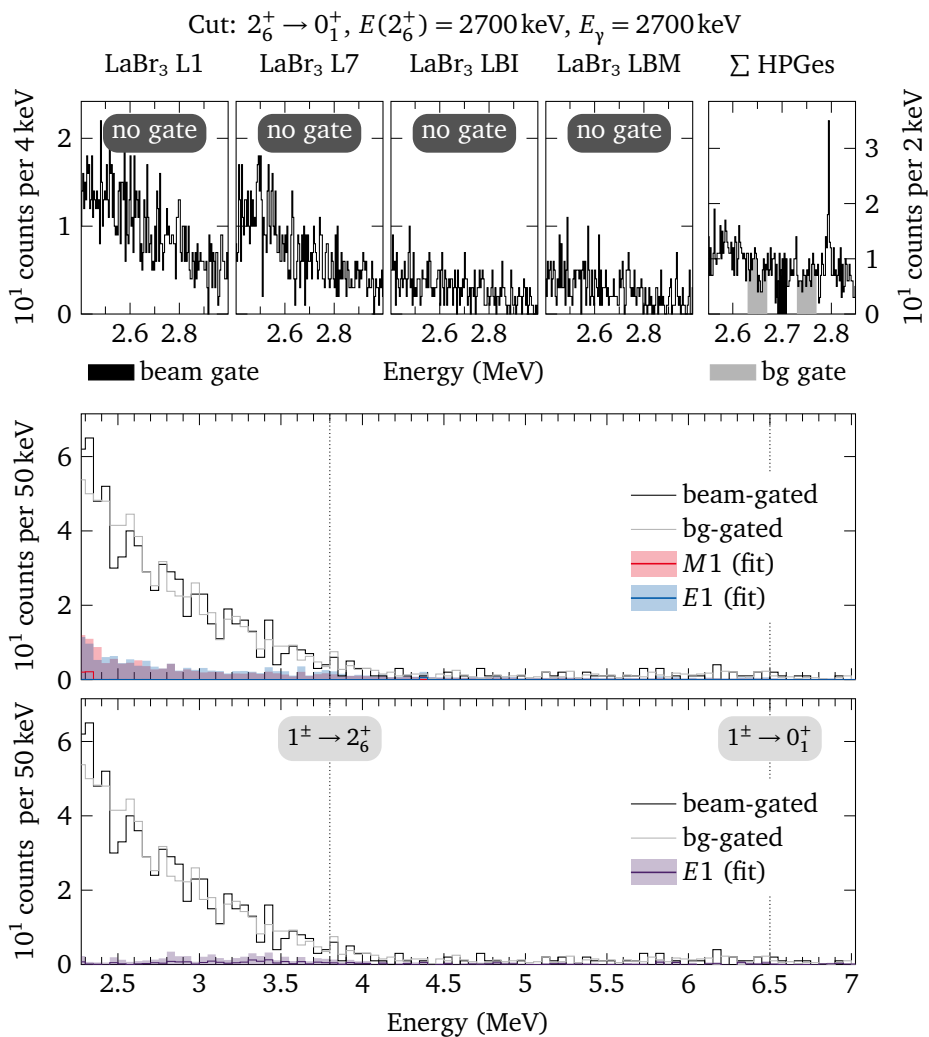


Figure 1.288: $E_{\text{beam}} = 6500 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

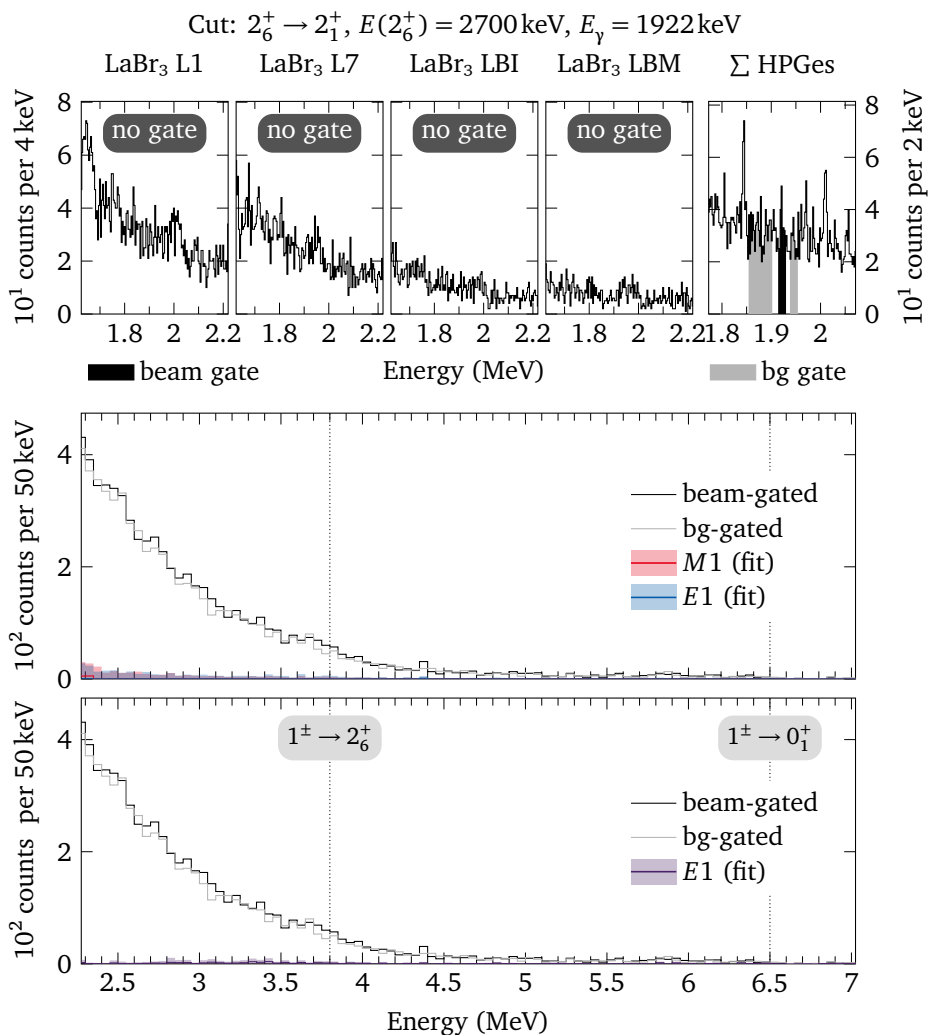


Figure 1.289: $E_{\text{beam}} = 6500 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

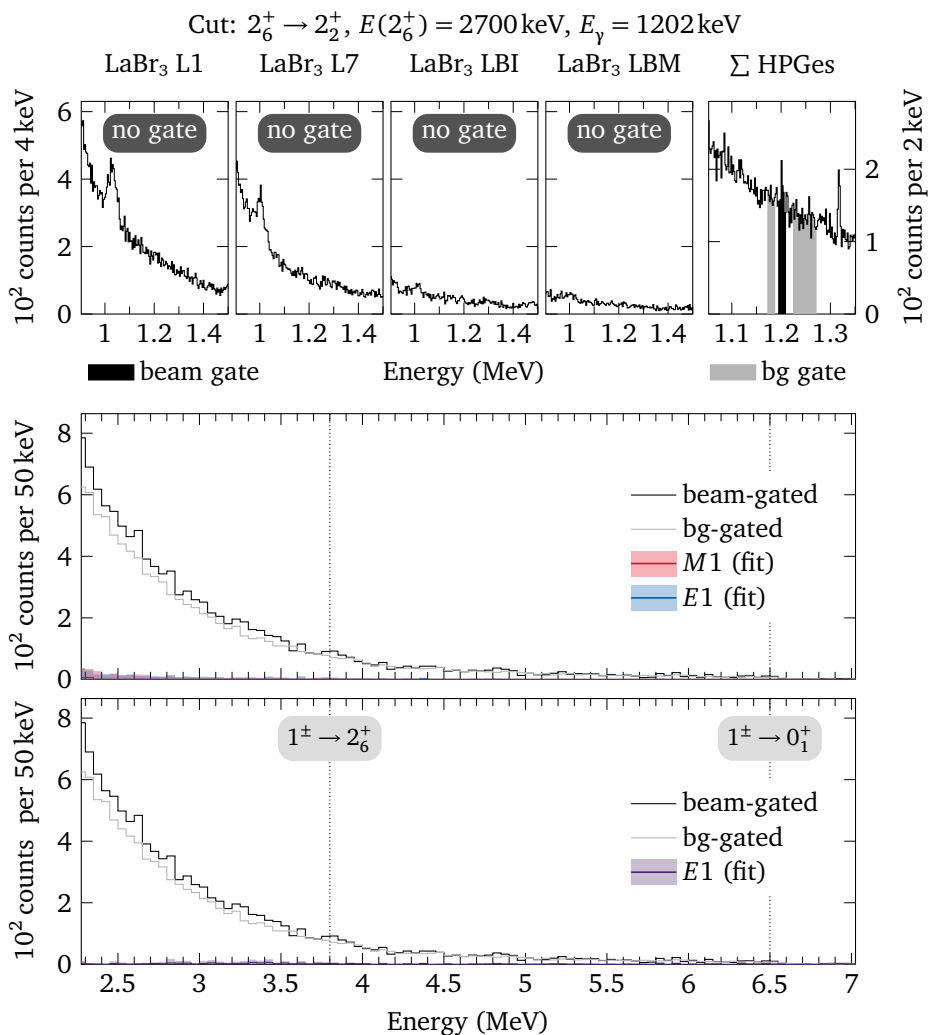


Figure 1.290: $E_{\text{beam}} = 6500 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

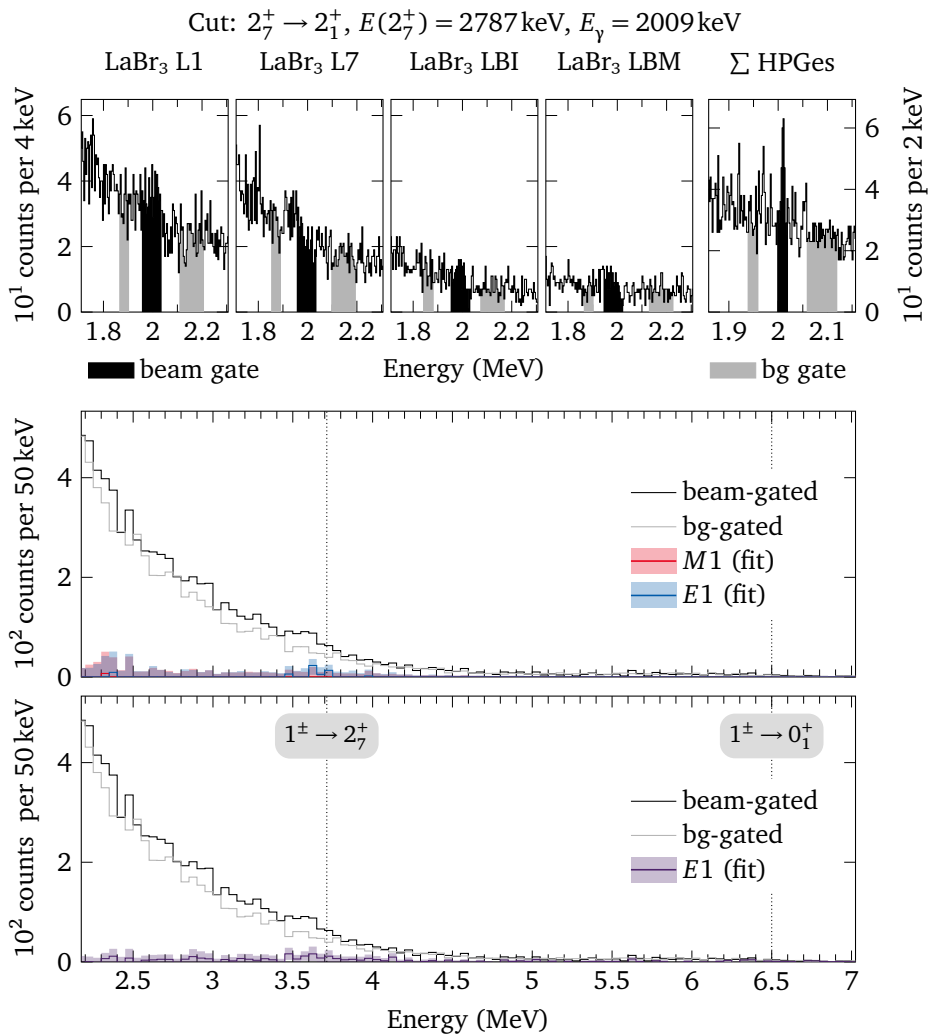


Figure 1.291: $E_{\text{beam}} = 6500 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

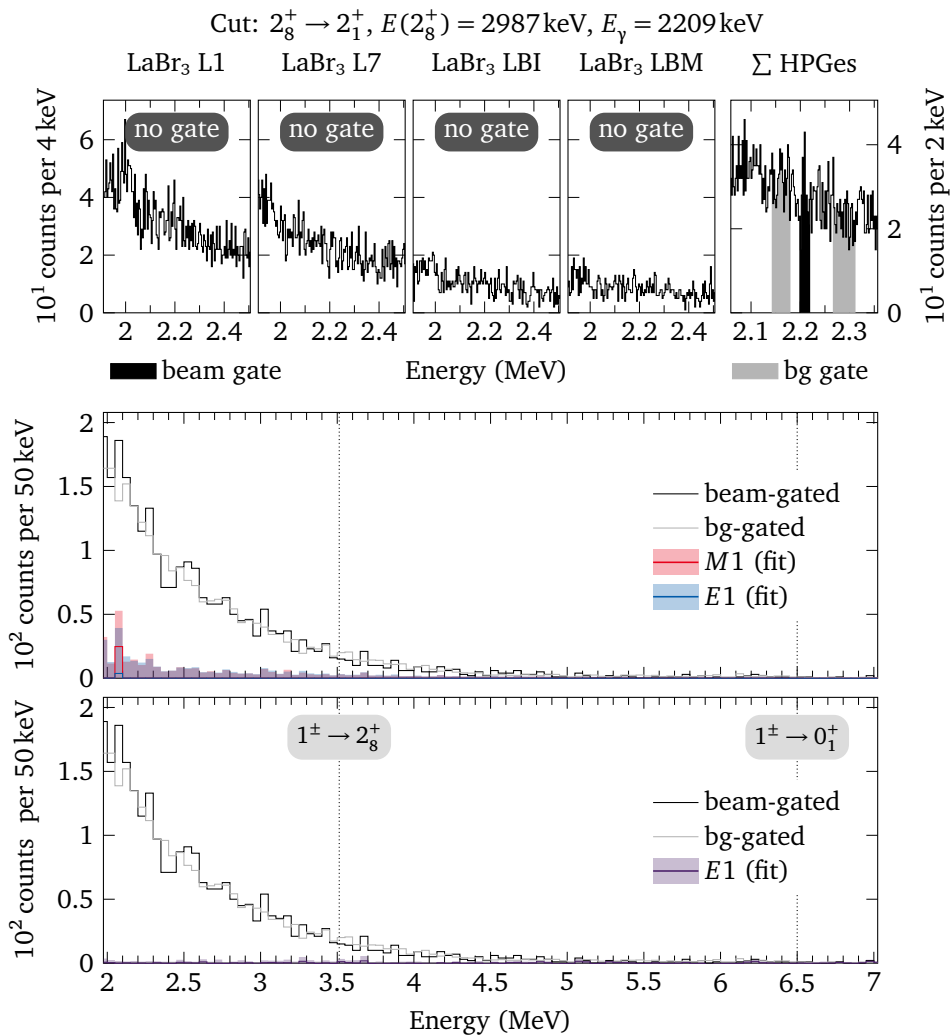


Figure 1.292: $E_{\text{beam}} = 6500 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

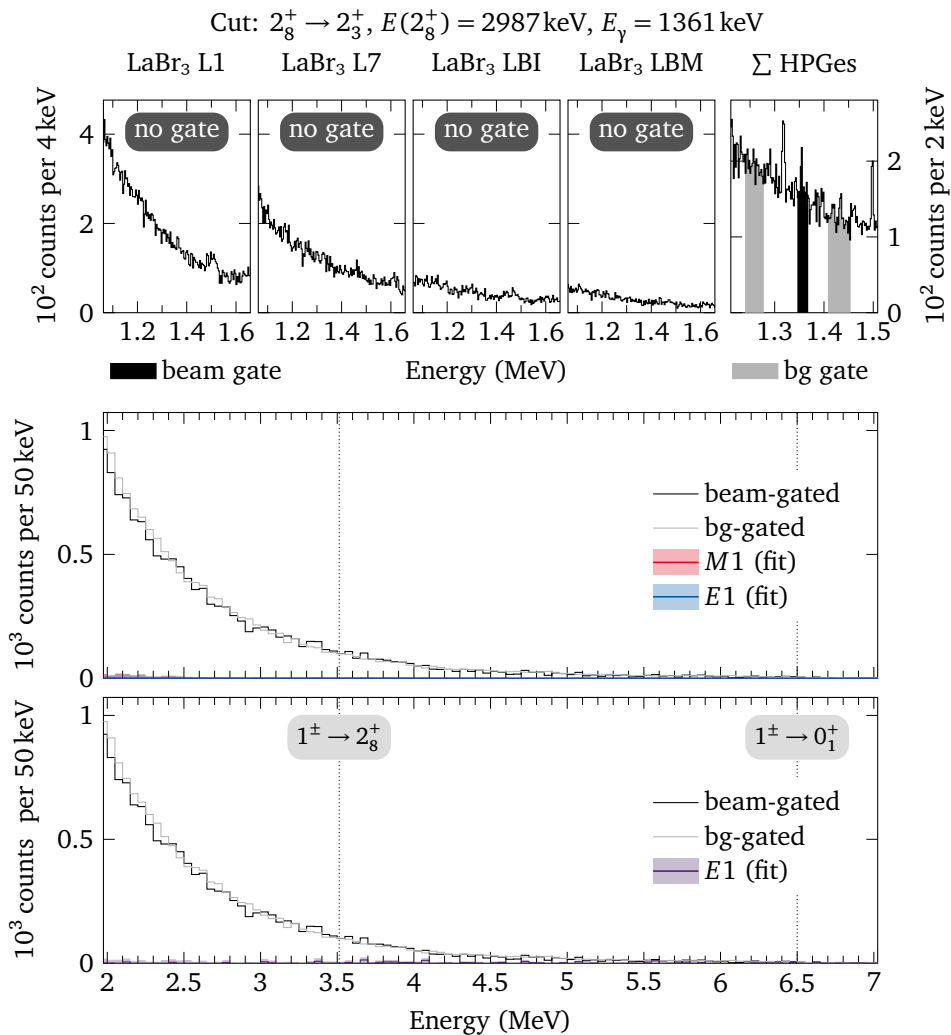


Figure 1.293: $E_{\text{beam}} = 6500 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

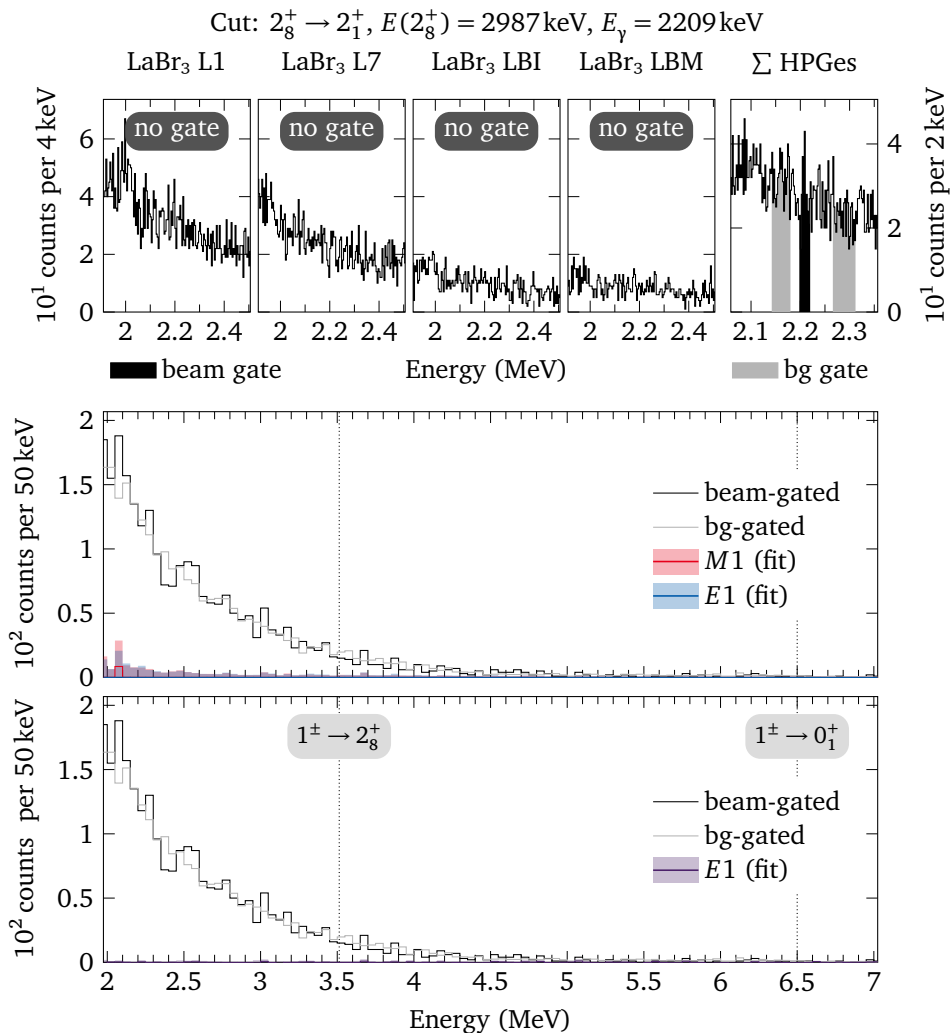


Figure 1.294: $E_{\text{beam}} = 6500 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

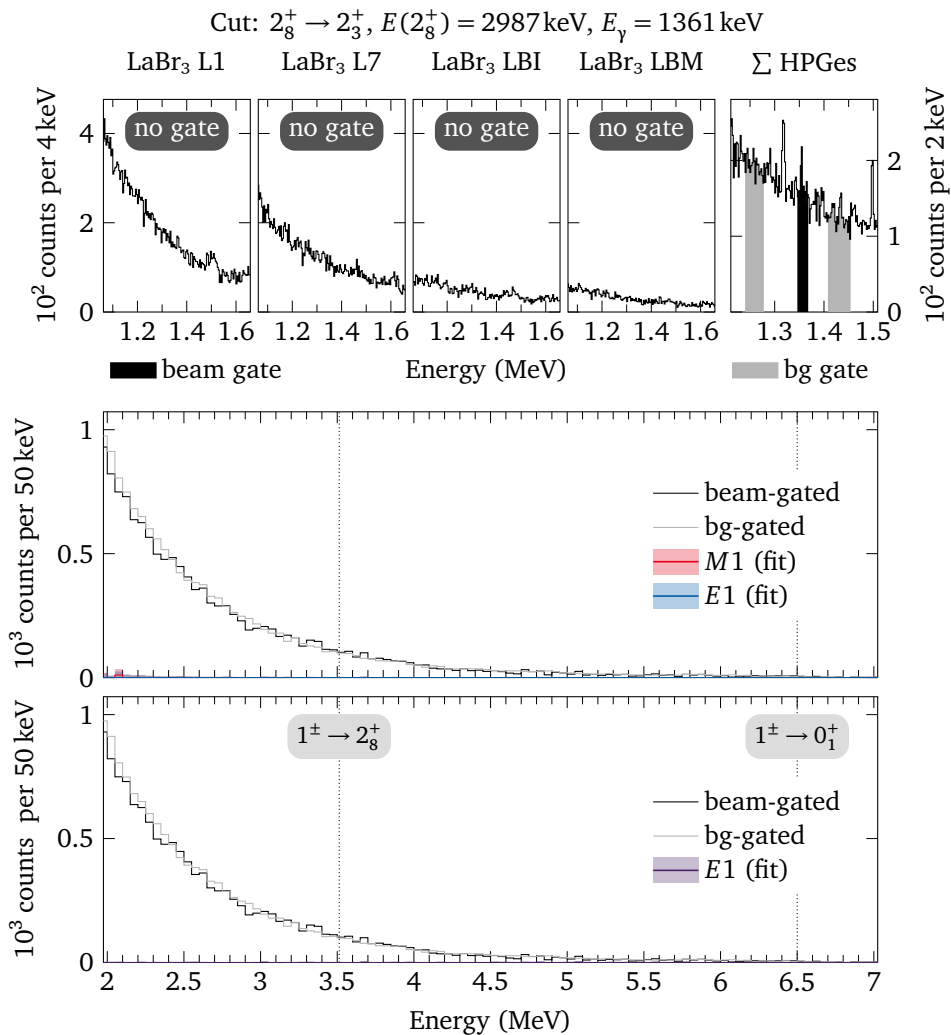


Figure 1.295: $E_{\text{beam}} = 6500 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

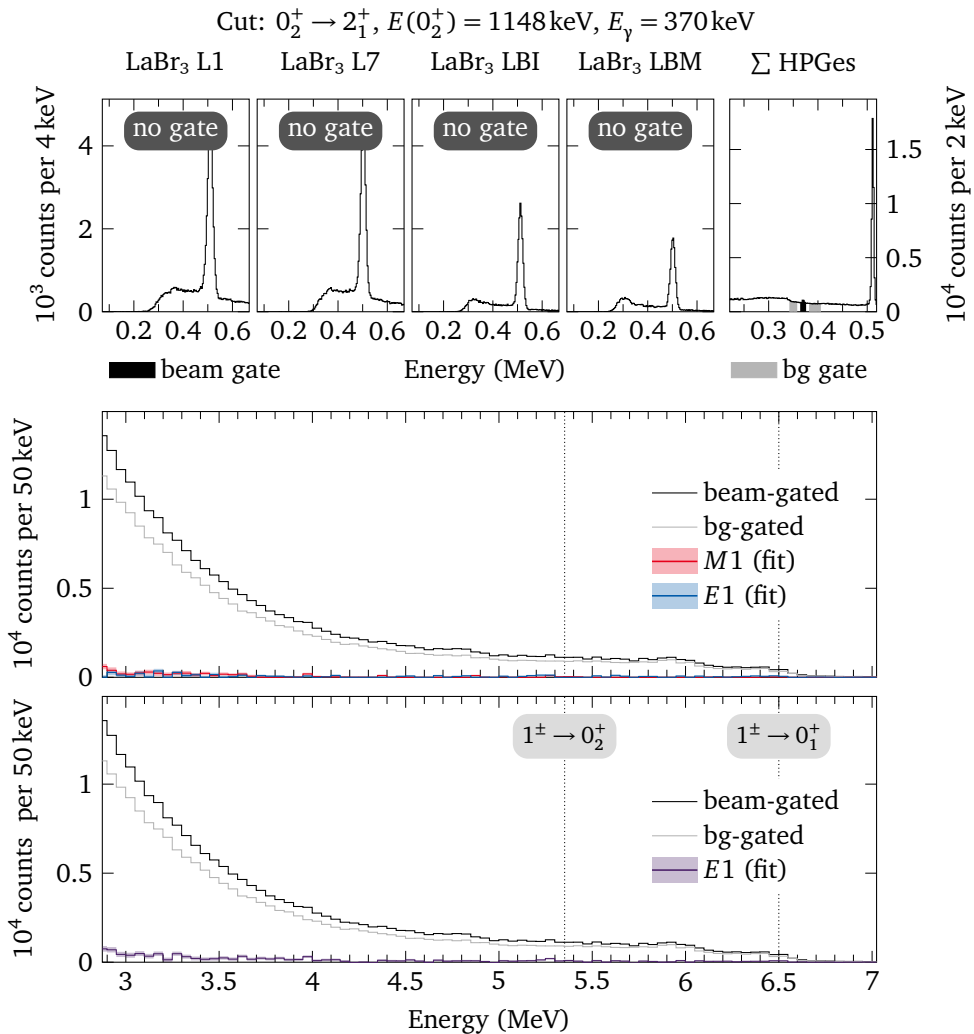


Figure 1.296: $E_{\text{beam}} = 6500 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

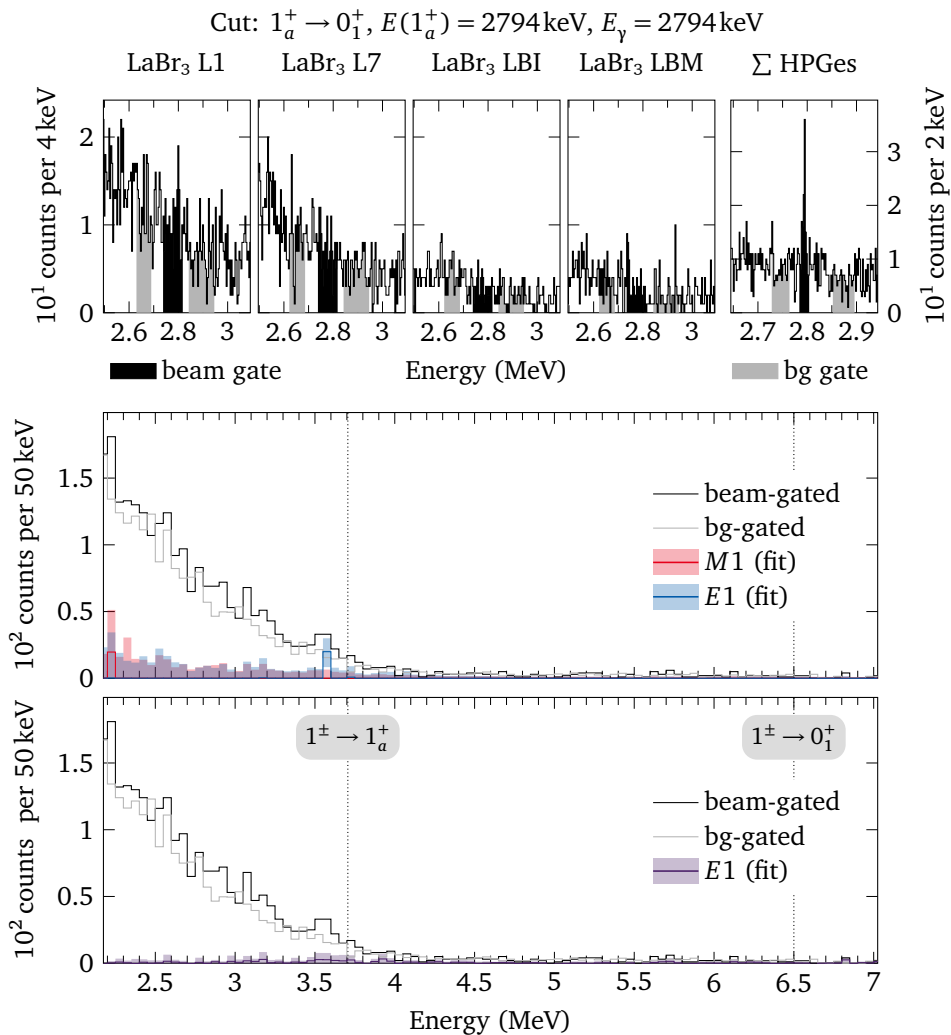


Figure 1.297: $E_{\text{beam}} = 6500 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

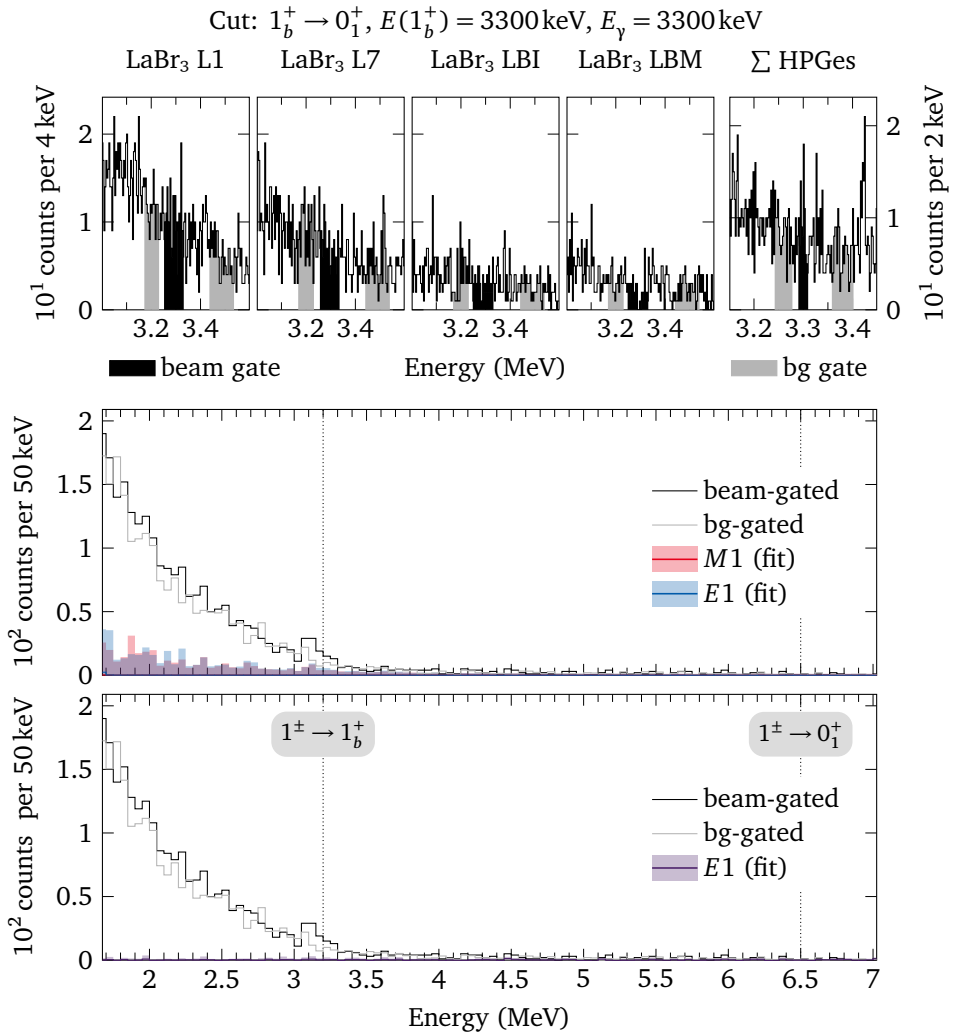


Figure 1.298: $E_{\text{beam}} = 6500 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

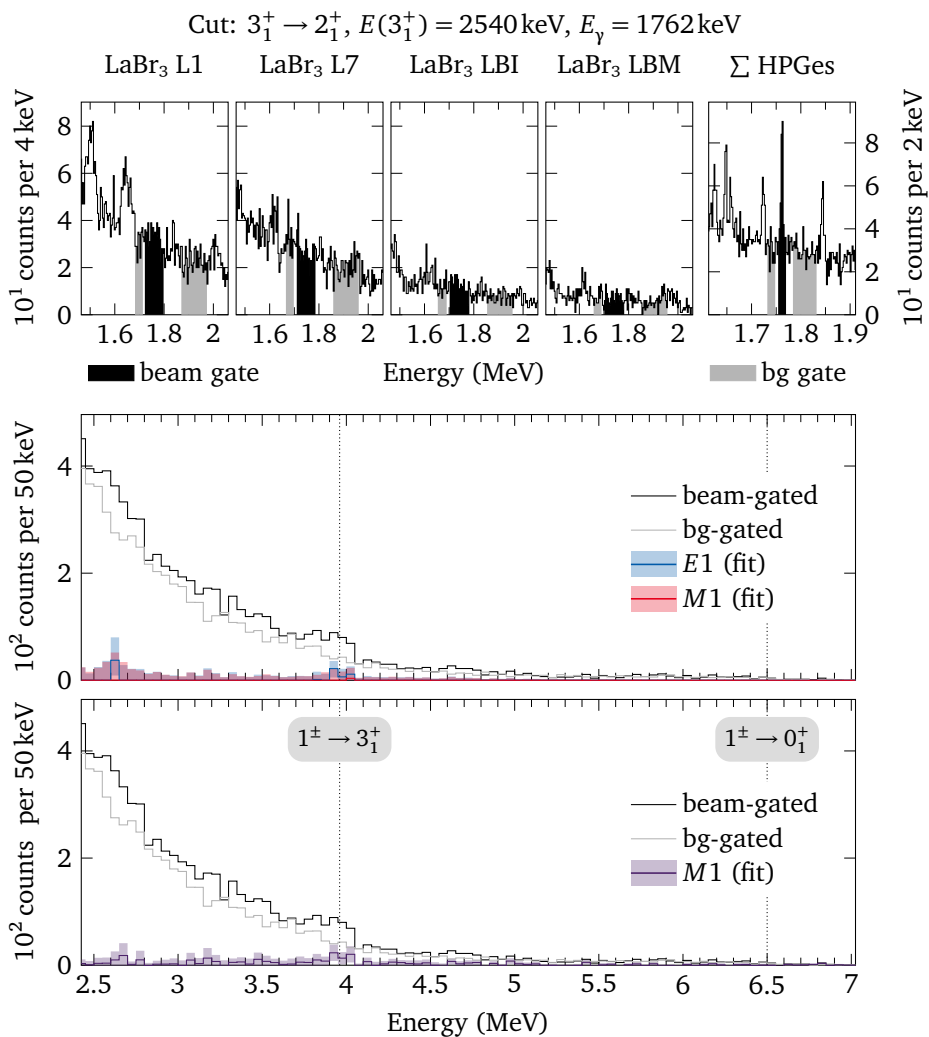


Figure 1.299: $E_{\text{beam}} = 6500 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

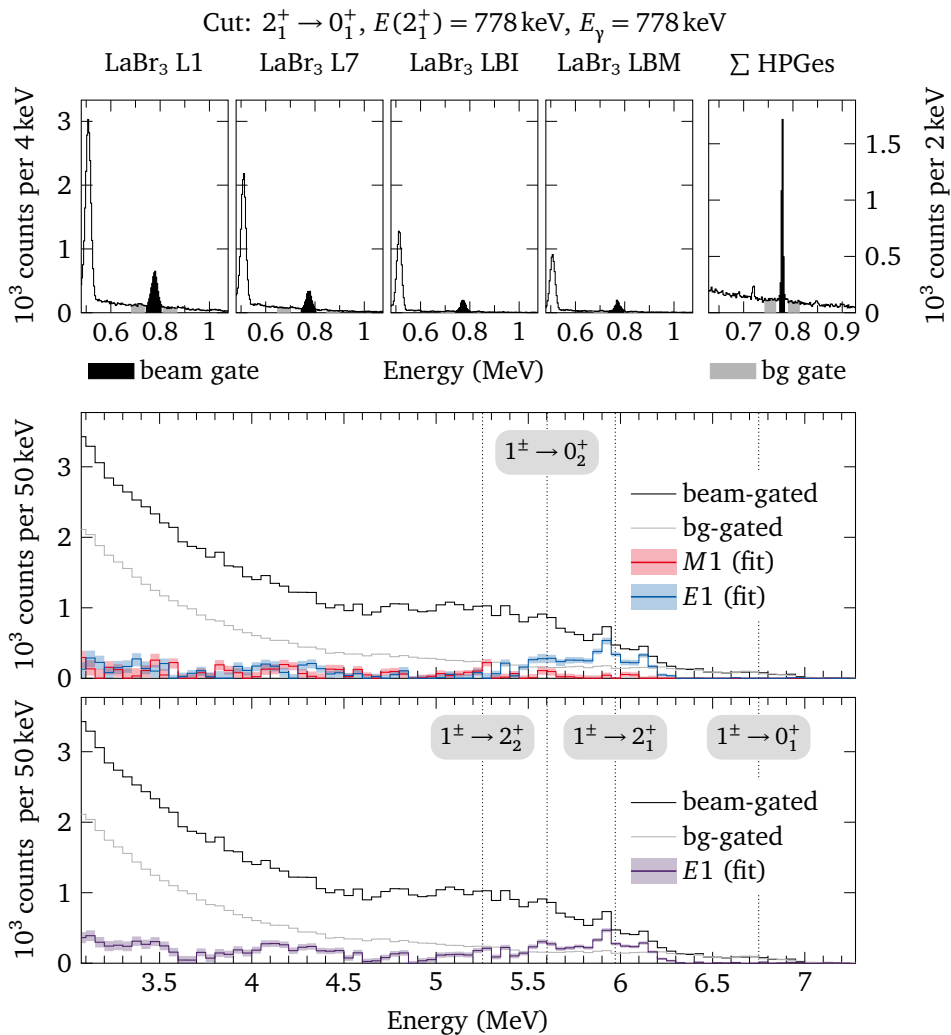


Figure 1.300: $E_{\text{beam}} = 6750 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

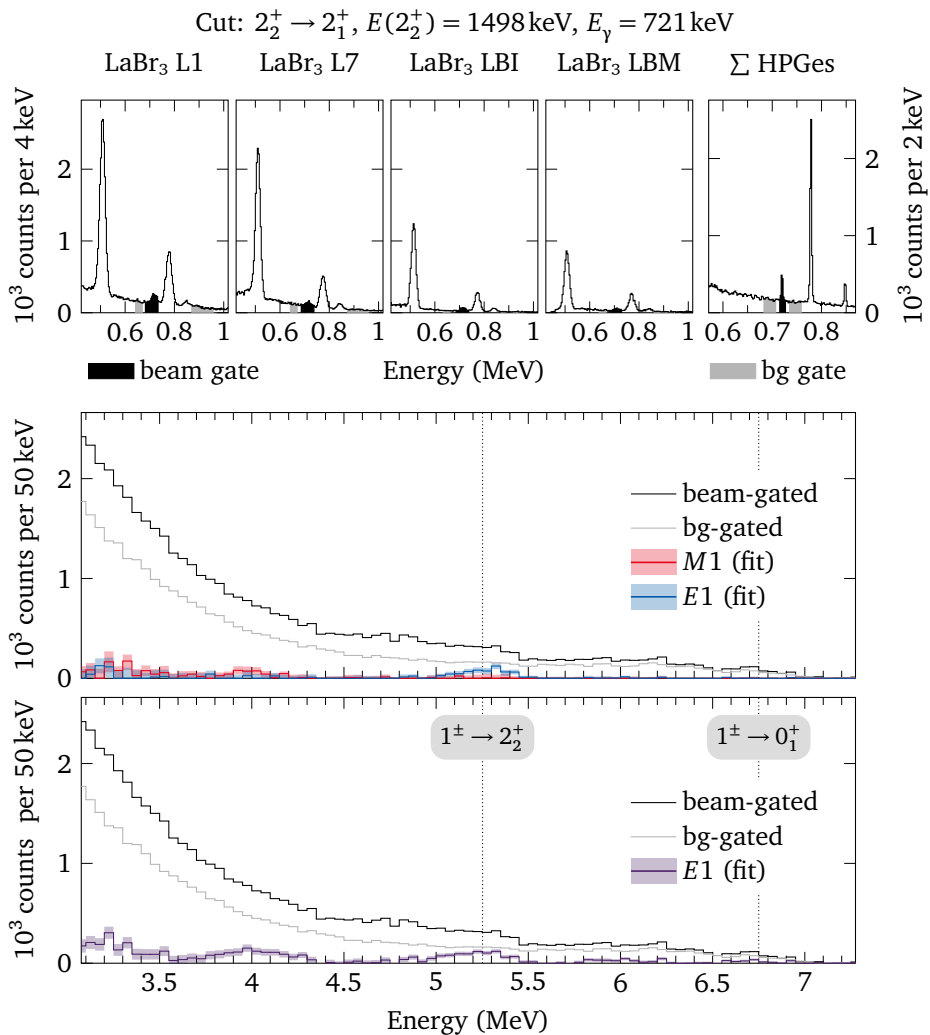


Figure 1.302: $E_{\text{beam}} = 6750 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

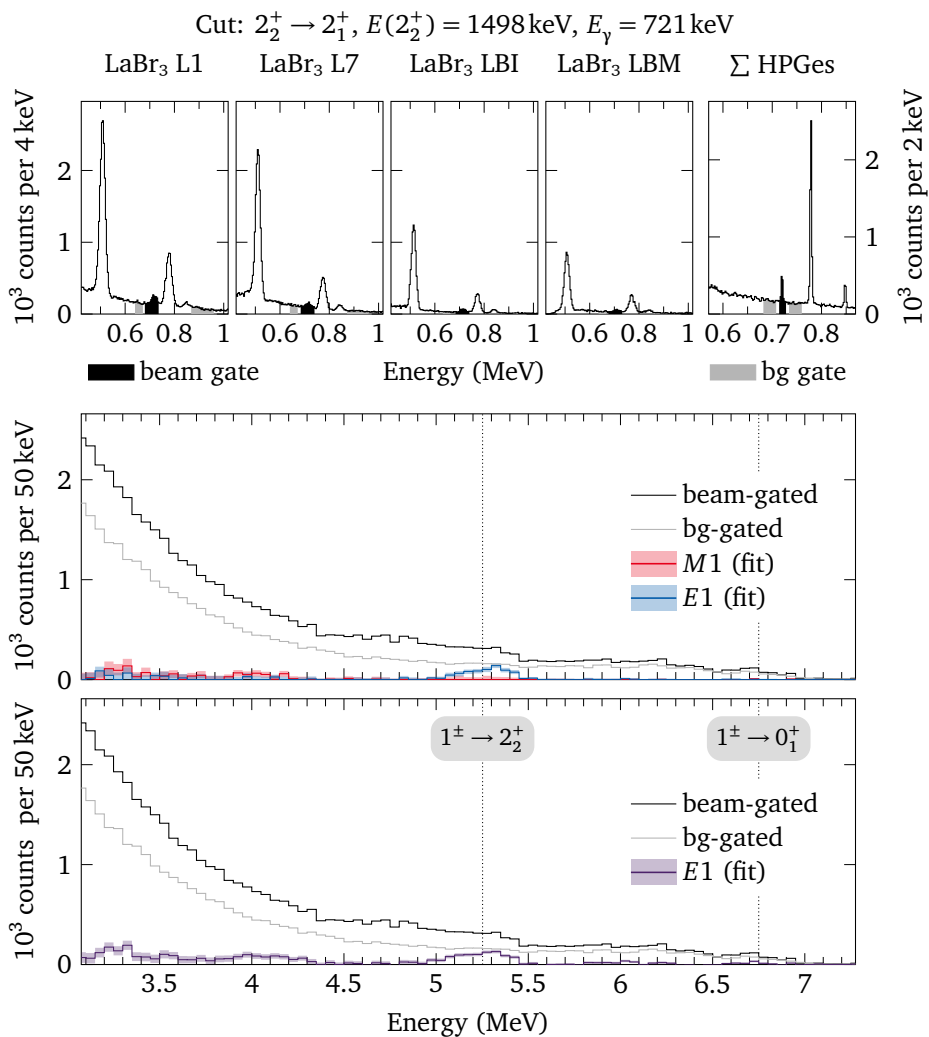


Figure 1.304: $E_{\text{beam}} = 6750 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

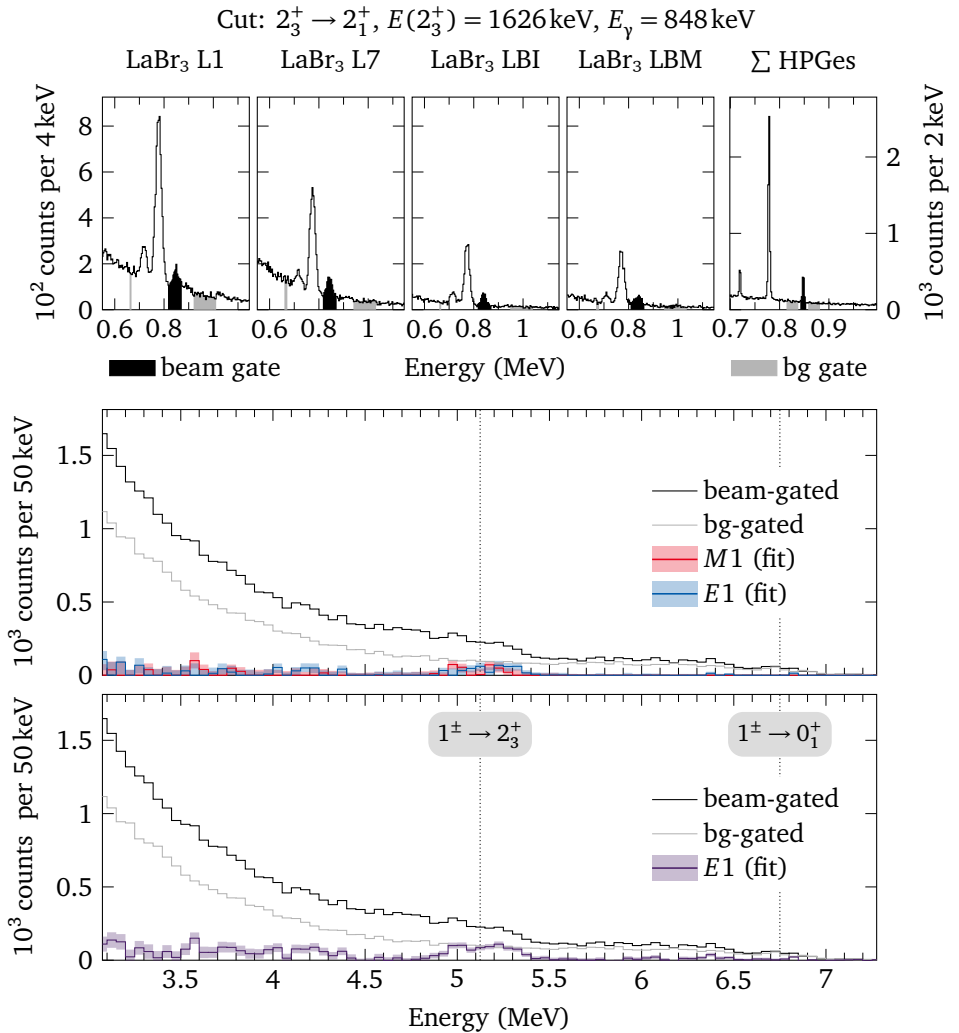


Figure 1.305: $E_{\text{beam}} = 6750 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

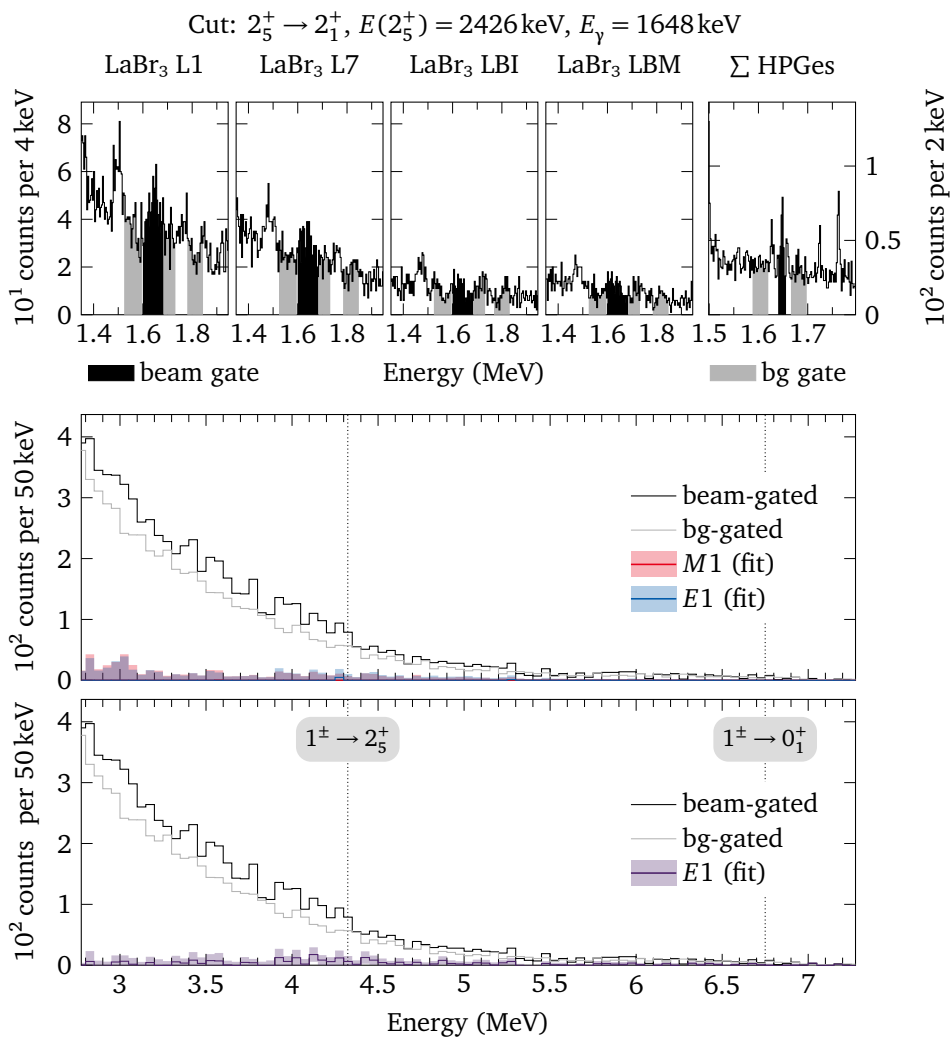


Figure 1.307: $E_{\text{beam}} = 6750 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

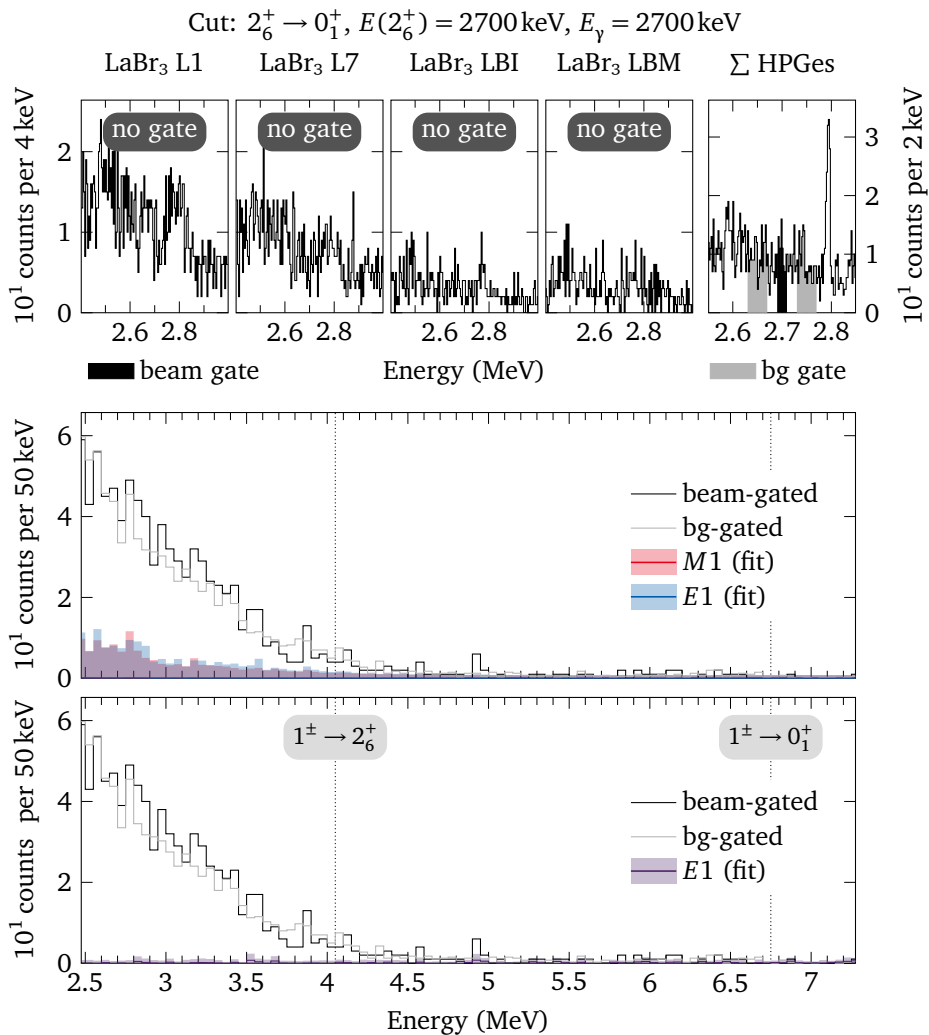


Figure 1.308: $E_{\text{beam}} = 6750 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

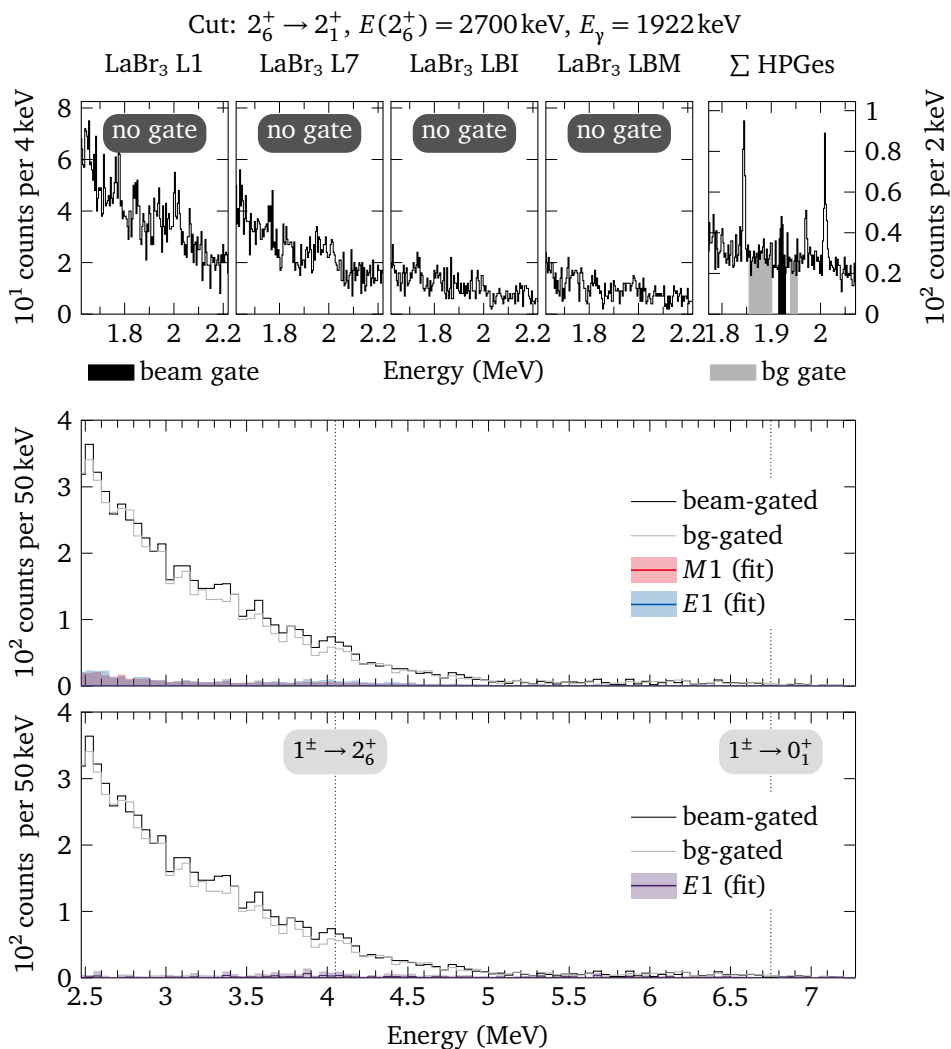


Figure 1.309: $E_{\text{beam}} = 6750 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

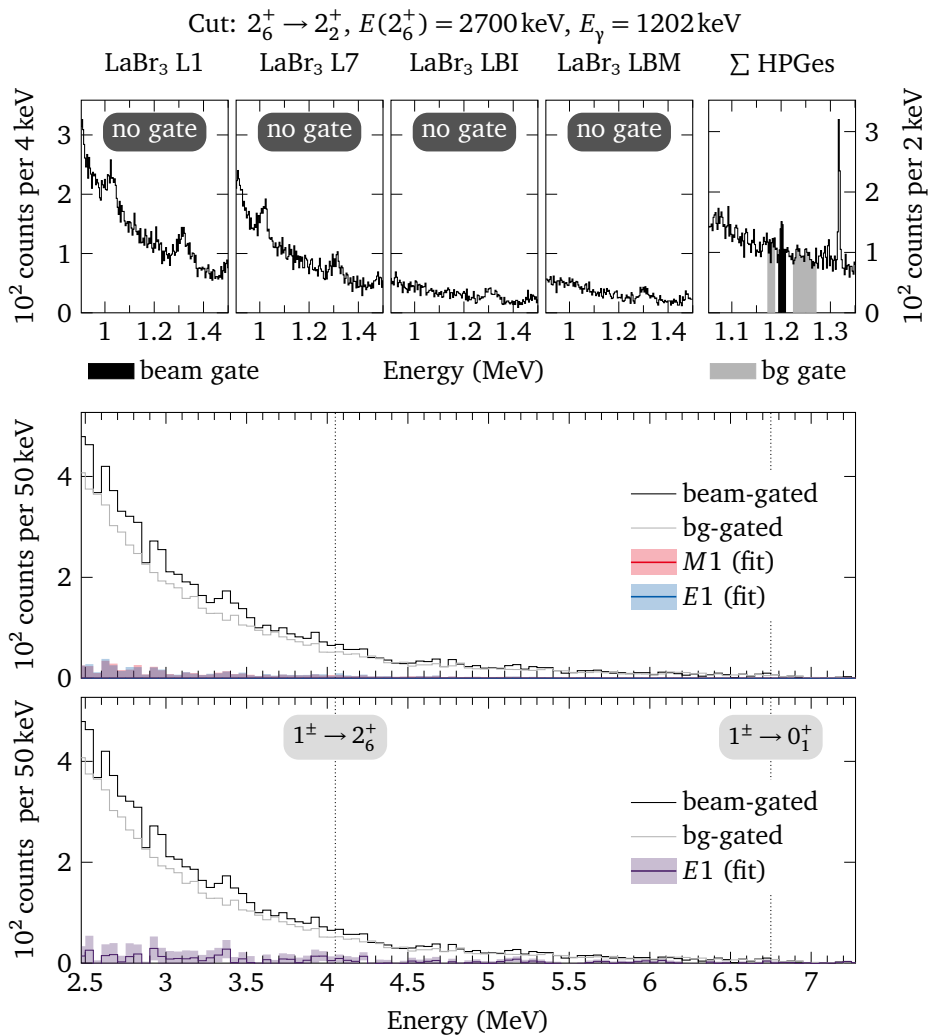


Figure 1.310: $E_{\text{beam}} = 6750 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

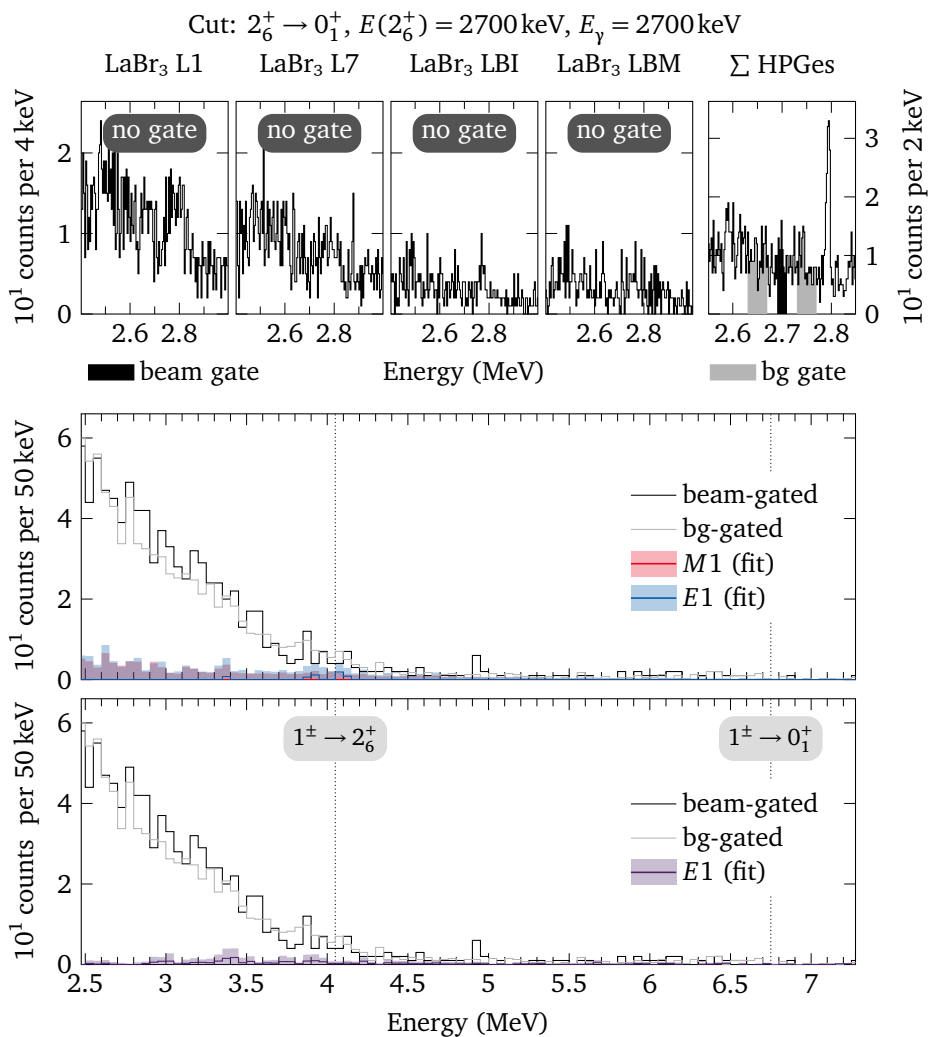


Figure 1.311: $E_{\text{beam}} = 6750 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

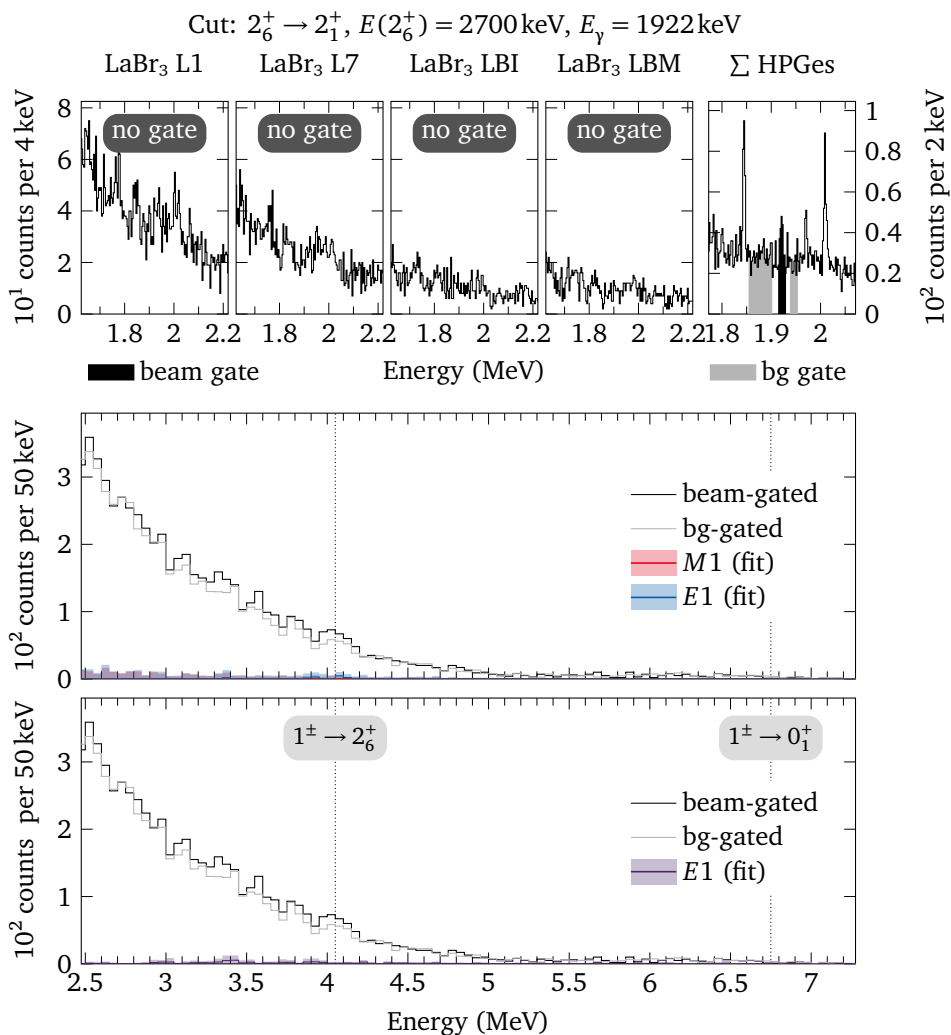


Figure 1.312: $E_{\text{beam}} = 6750 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

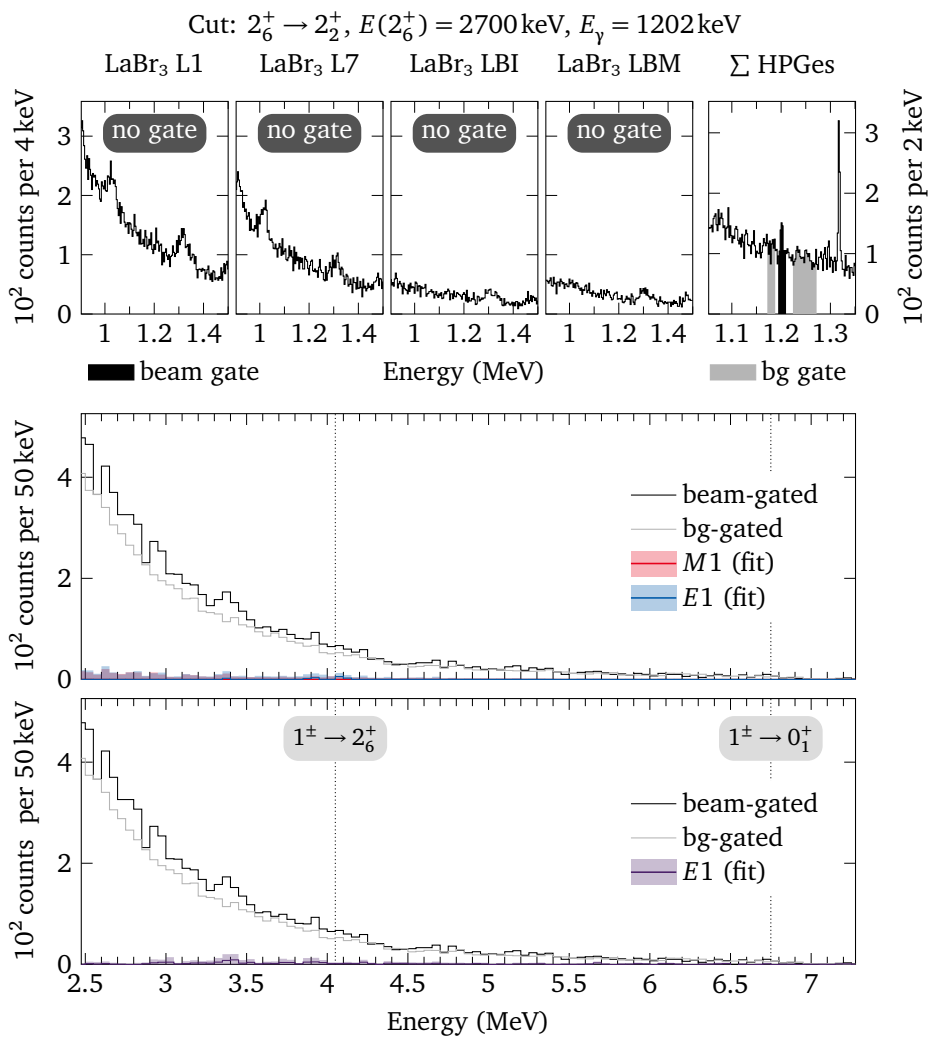


Figure 1.313: $E_{\text{beam}} = 6750 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

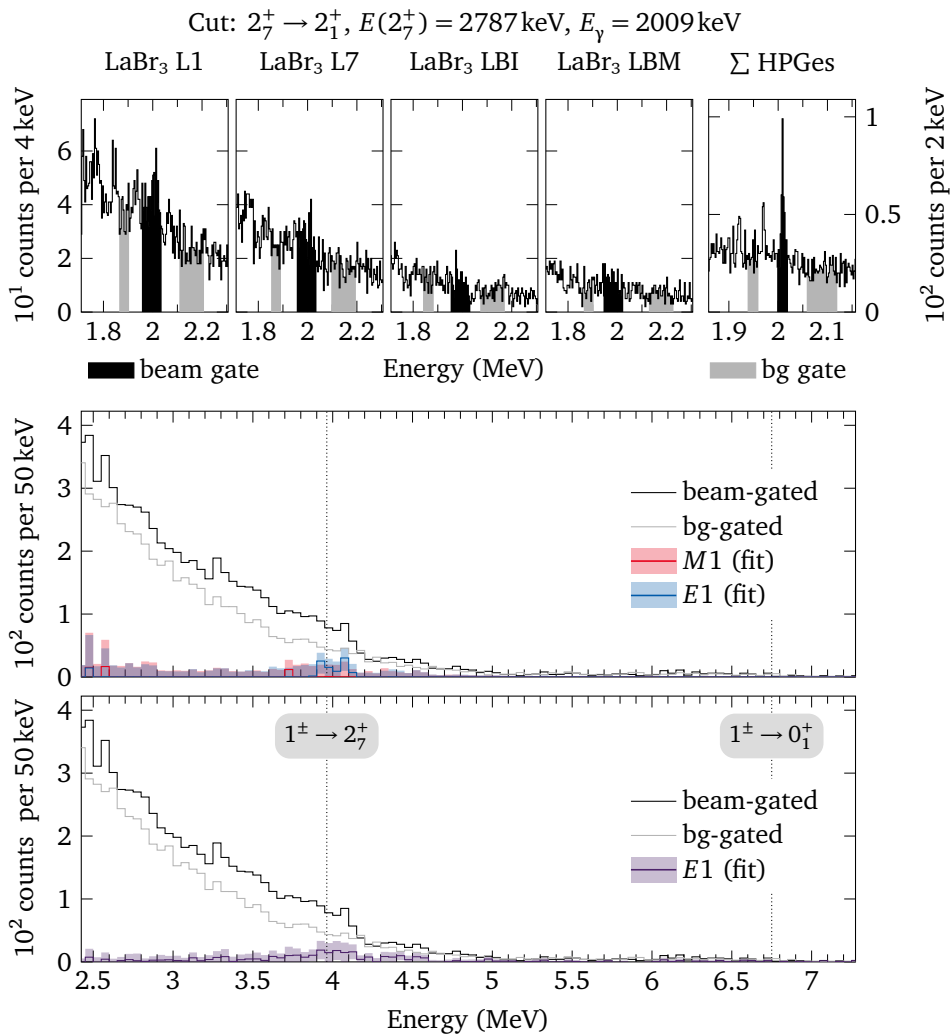


Figure 1.314: $E_{\text{beam}} = 6750 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

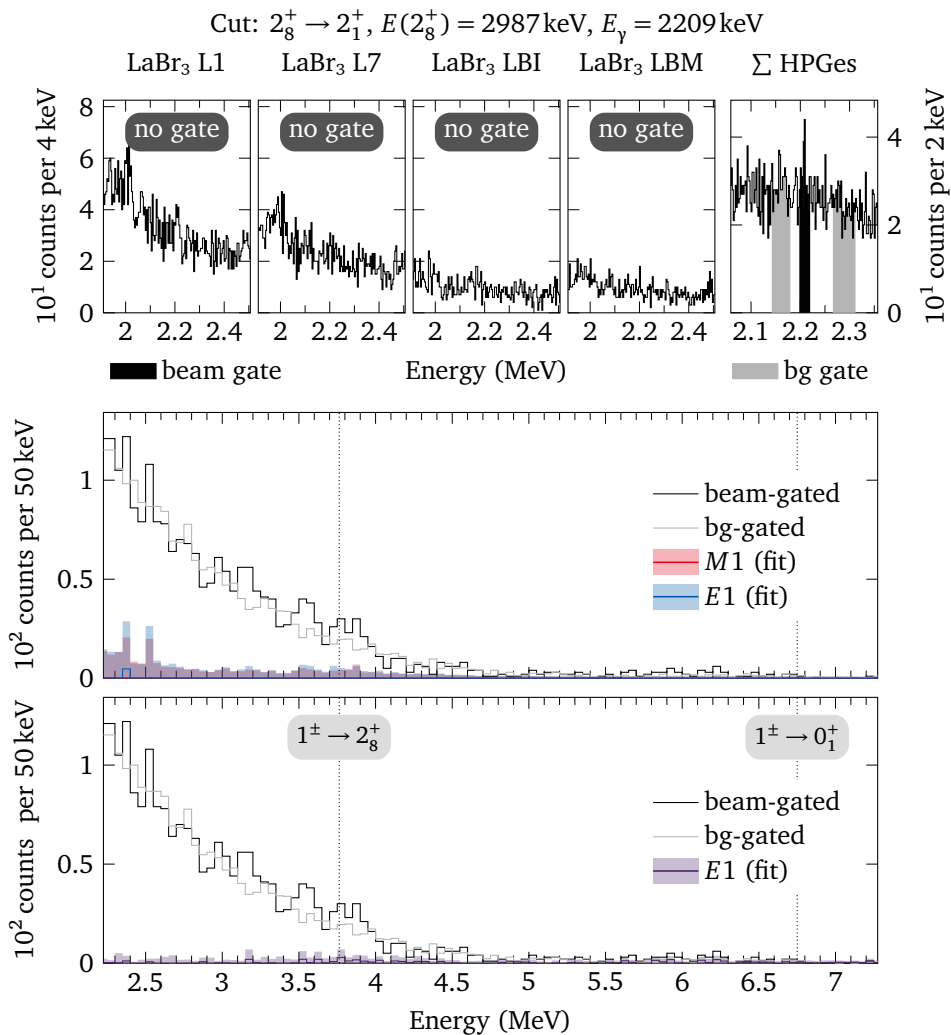


Figure 1.315: $E_{\text{beam}} = 6750 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

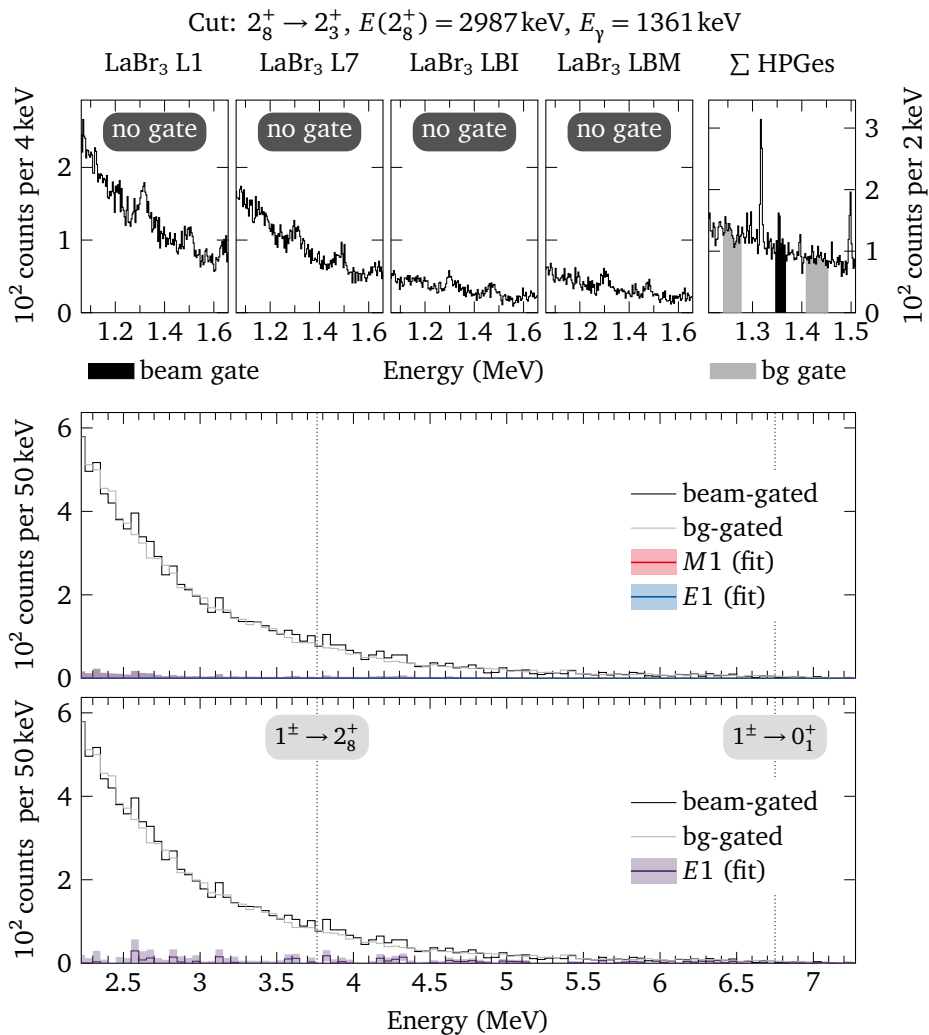


Figure 1.316: $E_{\text{beam}} = 6750 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

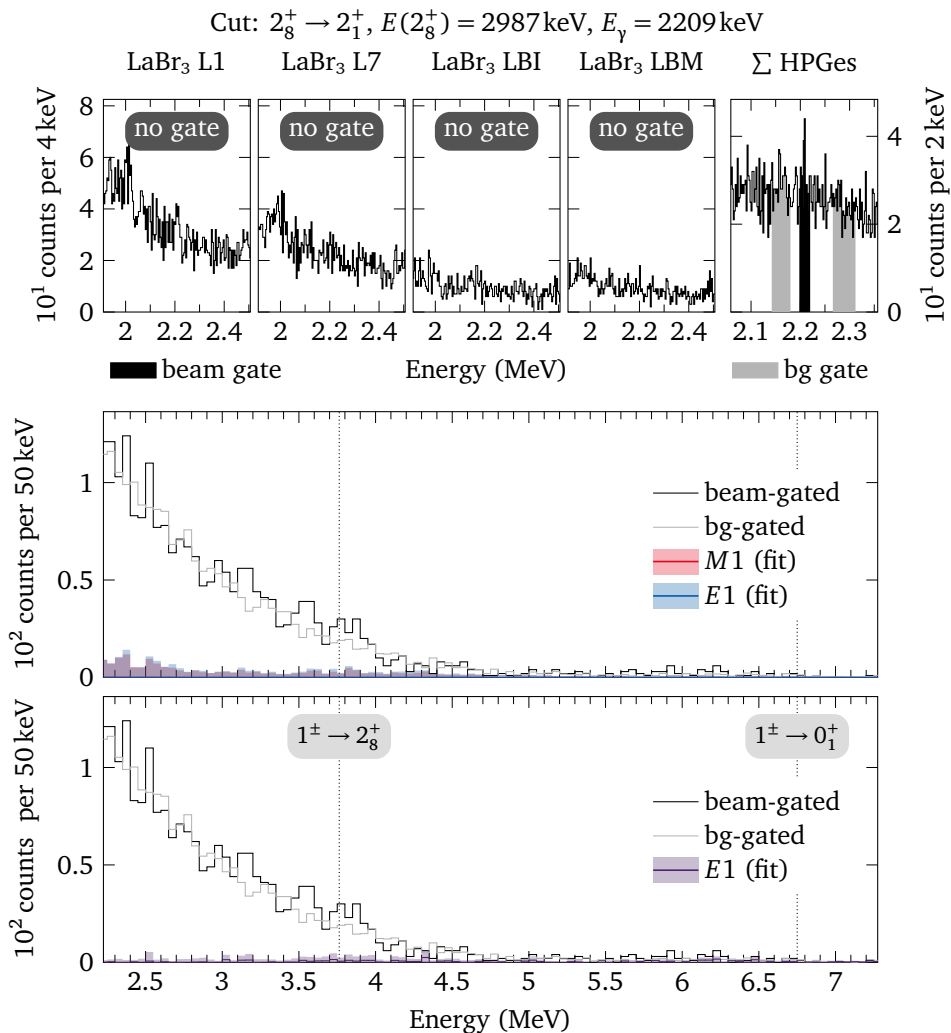


Figure 1.317: $E_{\text{beam}} = 6750 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

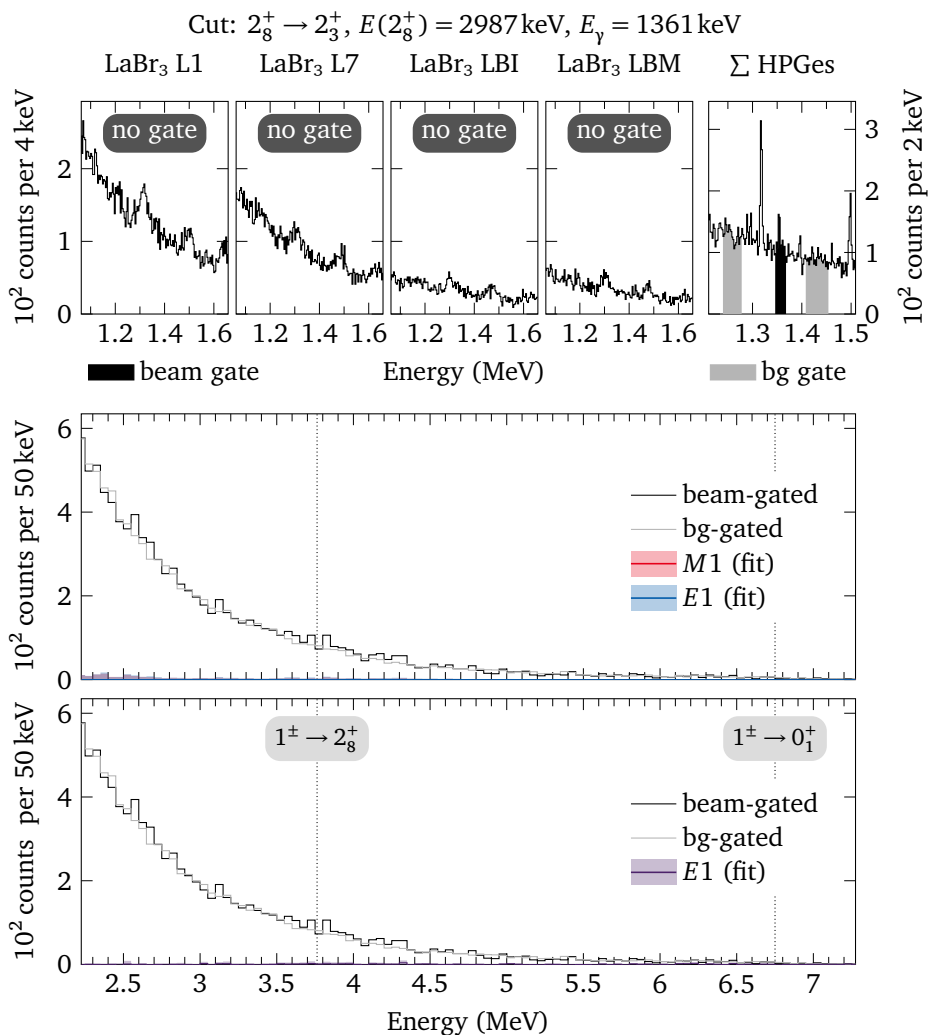


Figure 1.318: $E_{\text{beam}} = 6750 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

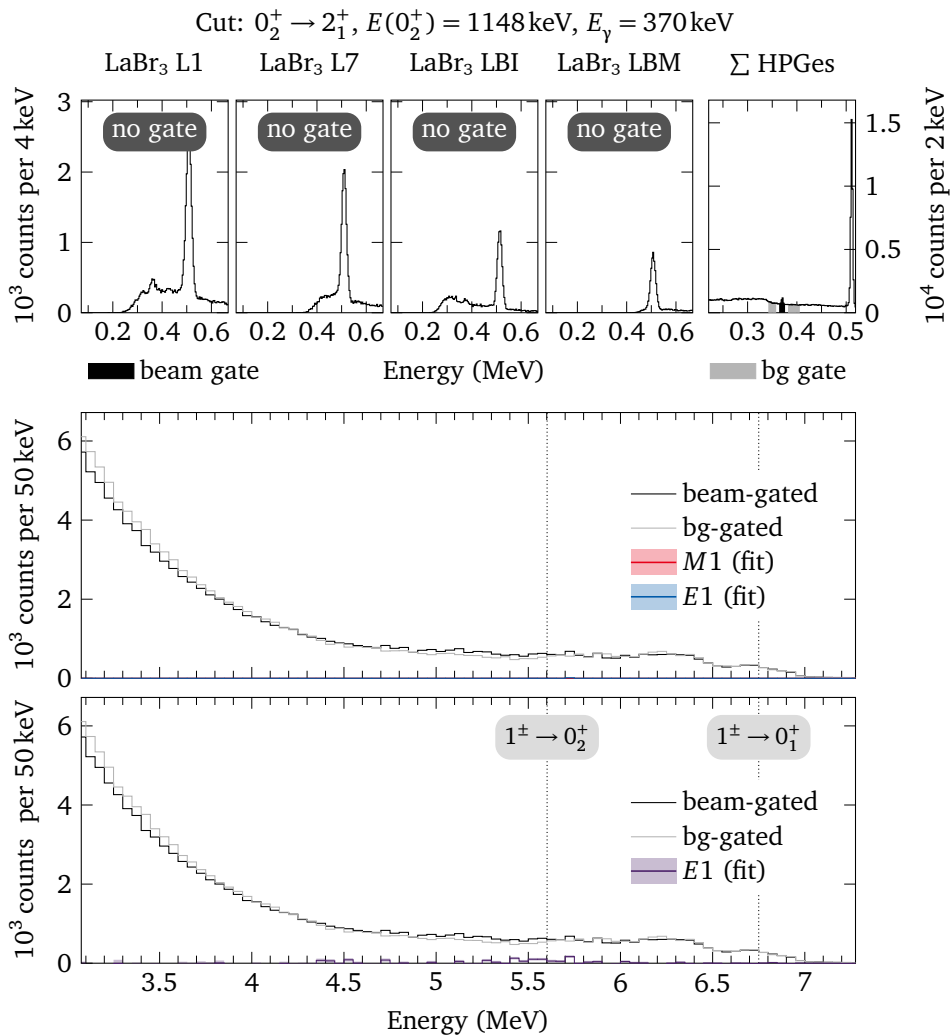


Figure 1.319: $E_{\text{beam}} = 6750 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

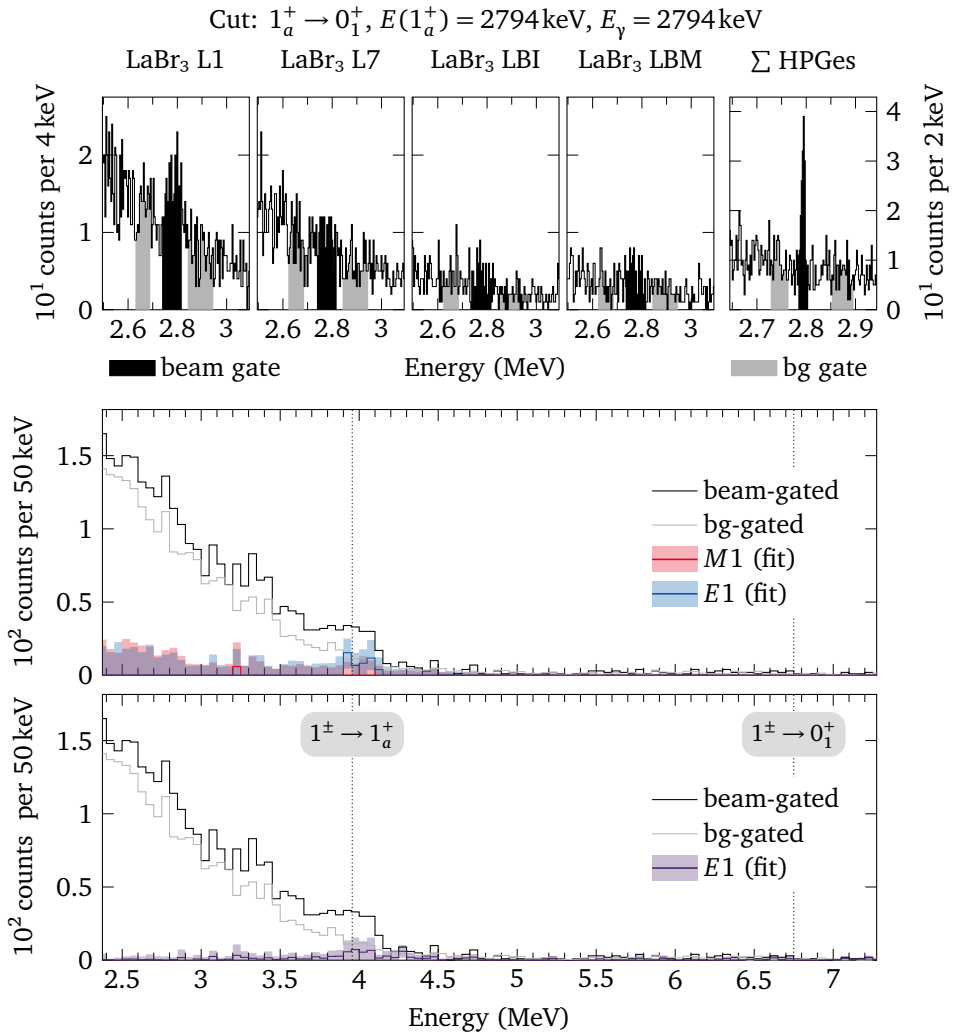


Figure 1.320: $E_{\text{beam}} = 6750 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

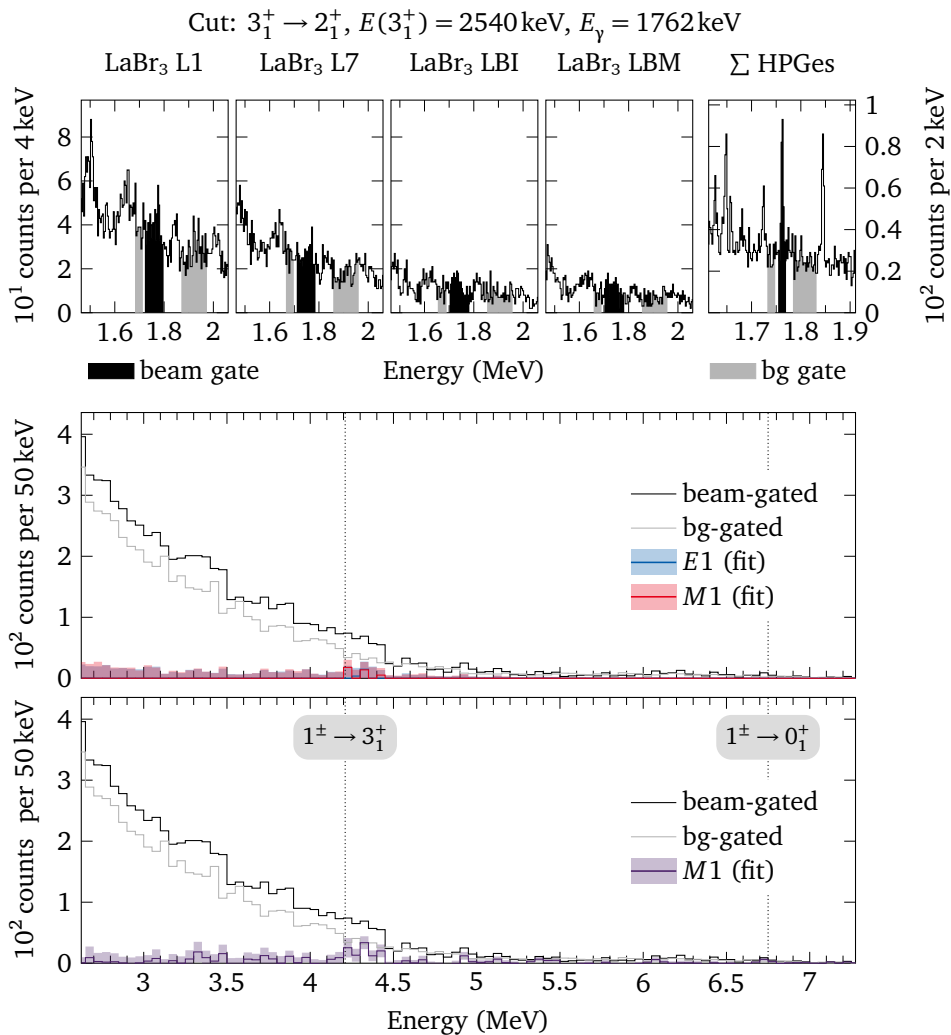


Figure 1.322: $E_{\text{beam}} = 6750 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

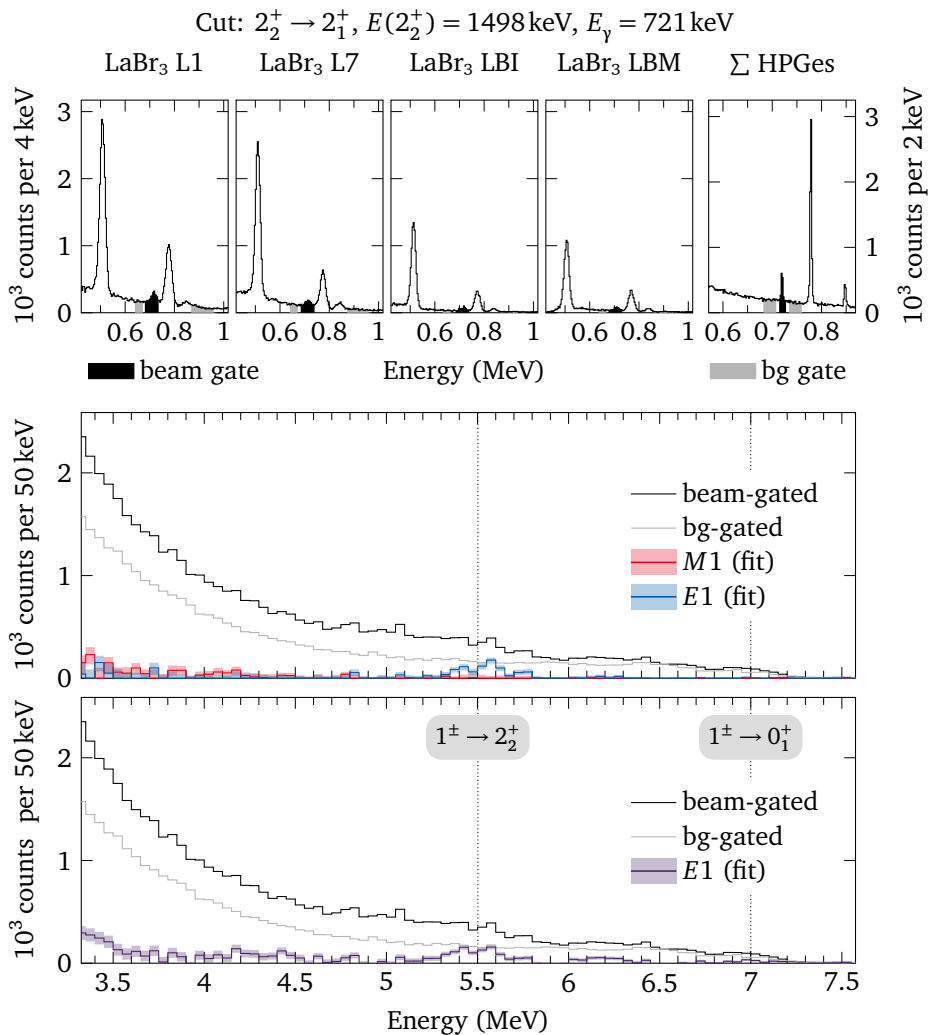


Figure 1.325: $E_{\text{beam}} = 7000 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

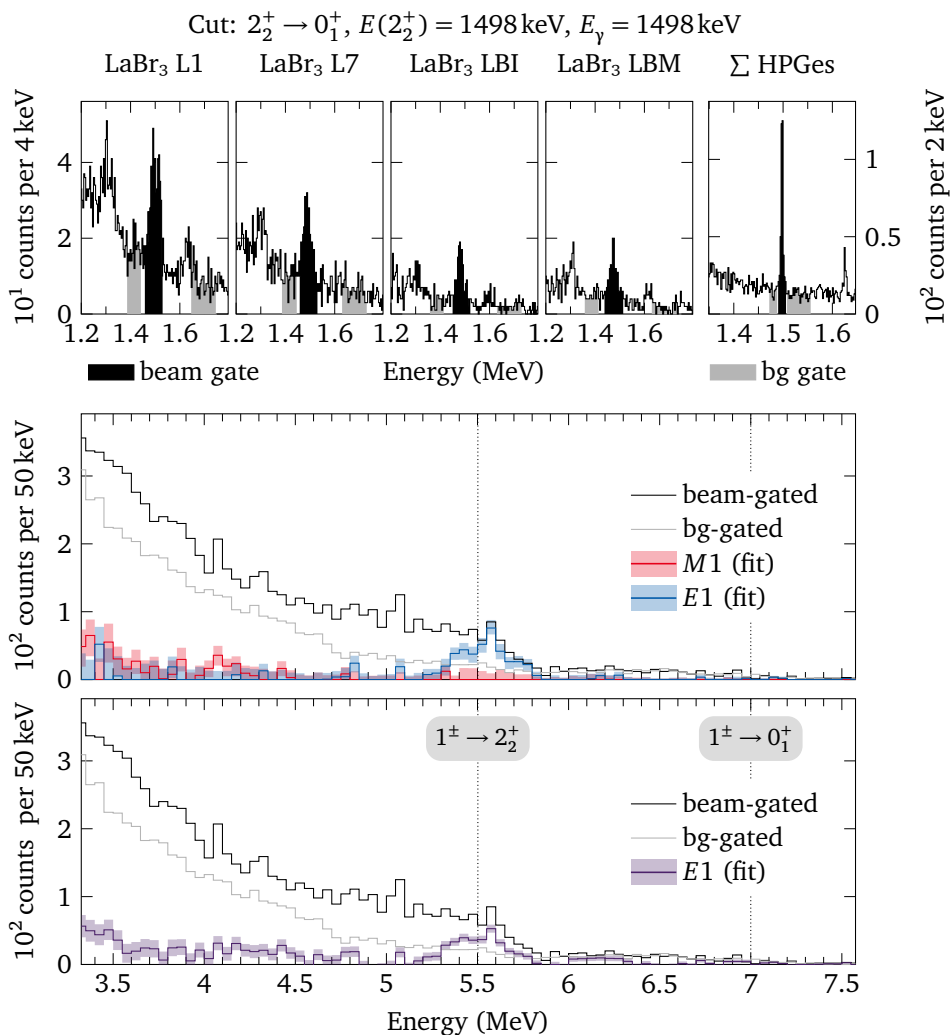


Figure 1.326: $E_{\text{beam}} = 7000 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

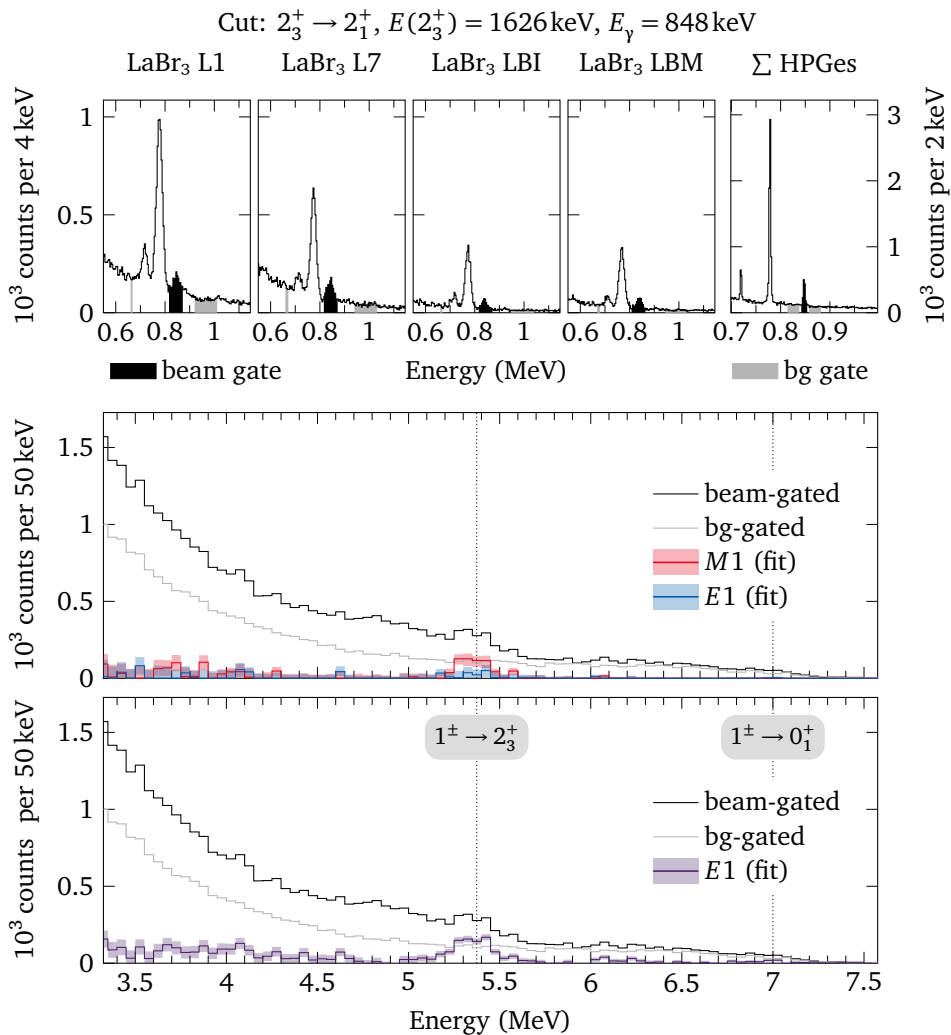


Figure 1.328: $E_{\text{beam}} = 7000 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

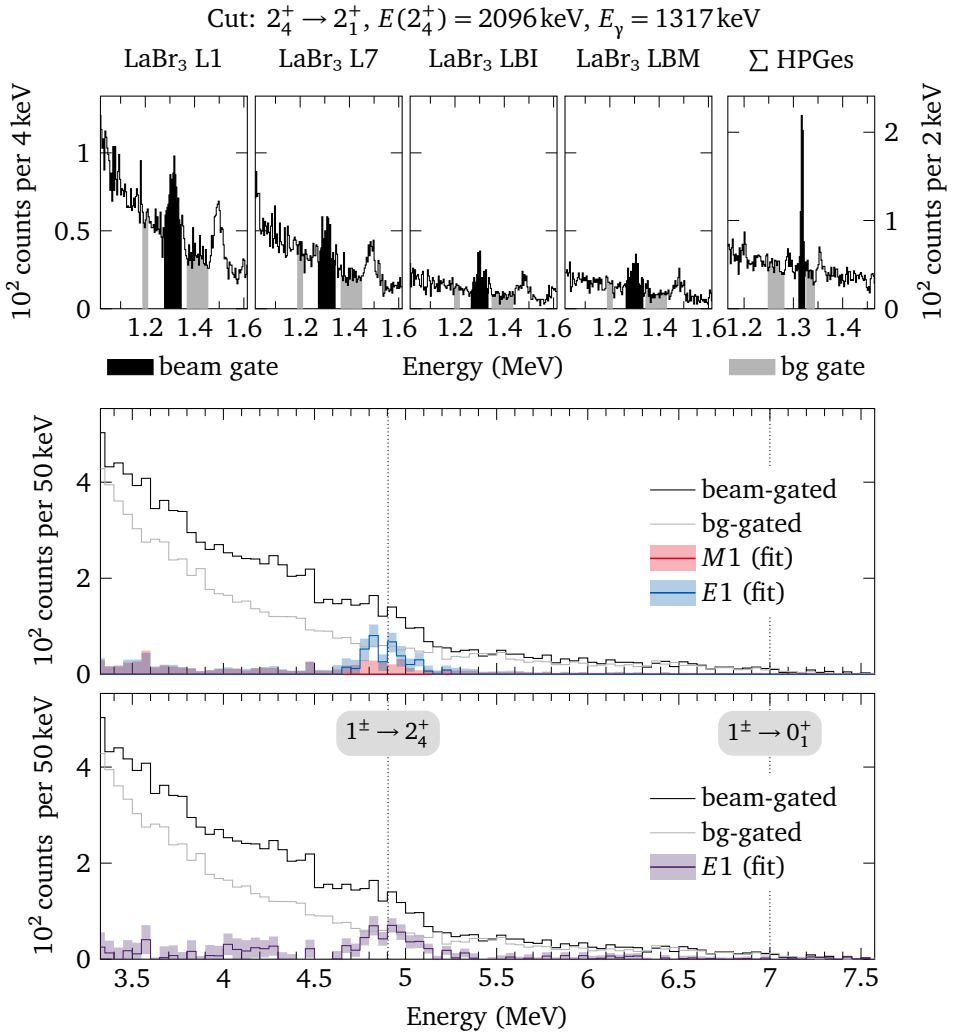


Figure 1.329: $E_{\text{beam}} = 7000 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

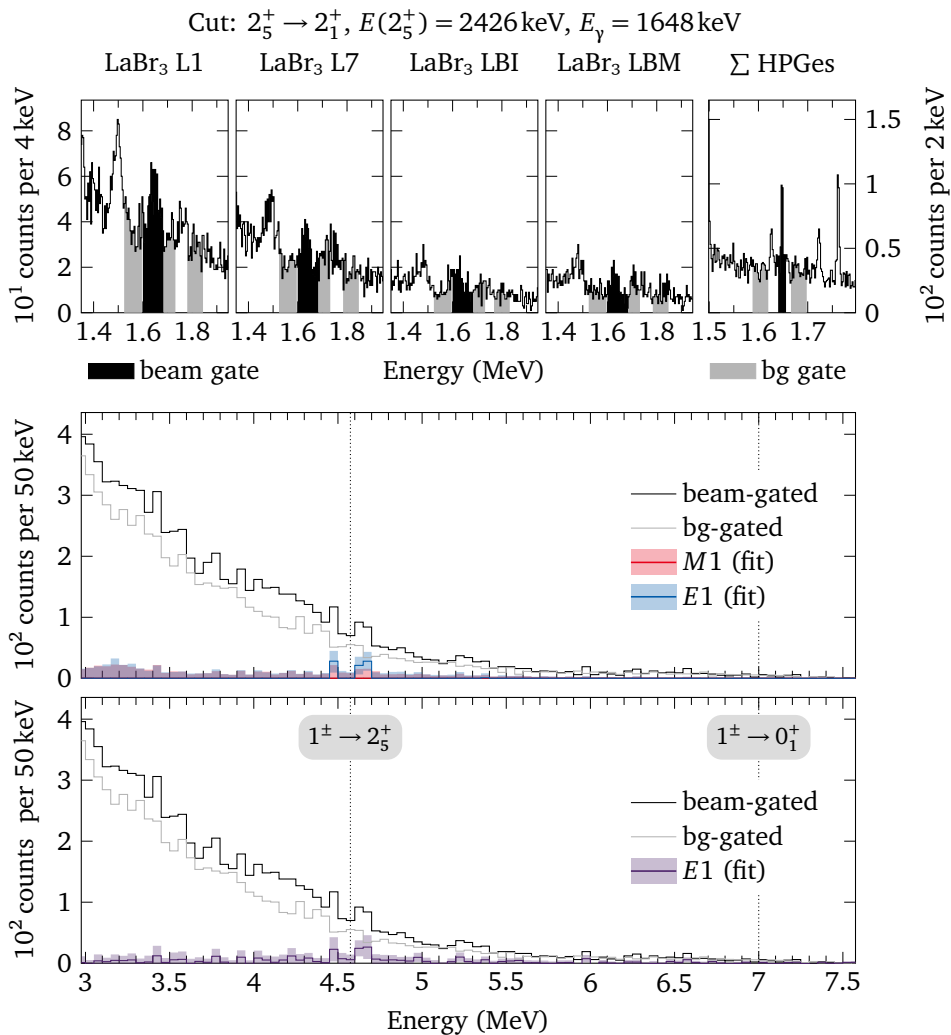


Figure 1.330: $E_{\text{beam}} = 7000 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

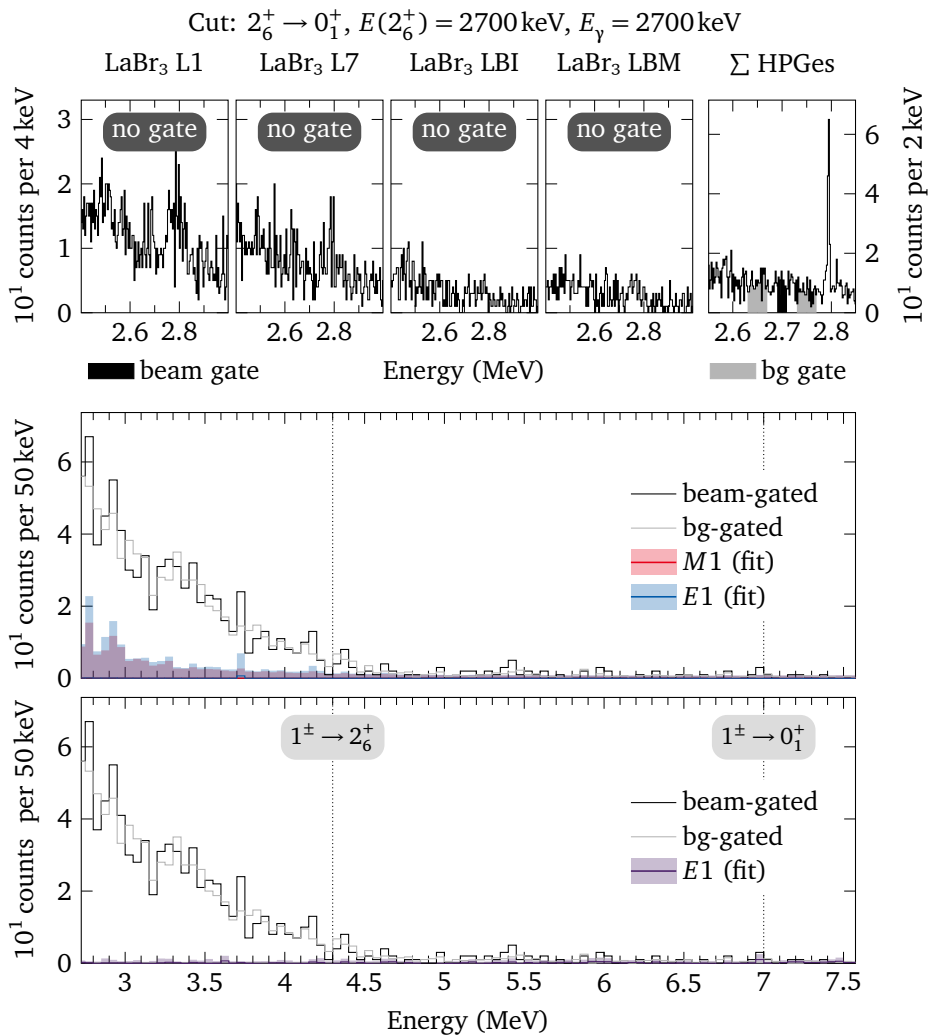


Figure 1.331: $E_{\text{beam}} = 7000 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

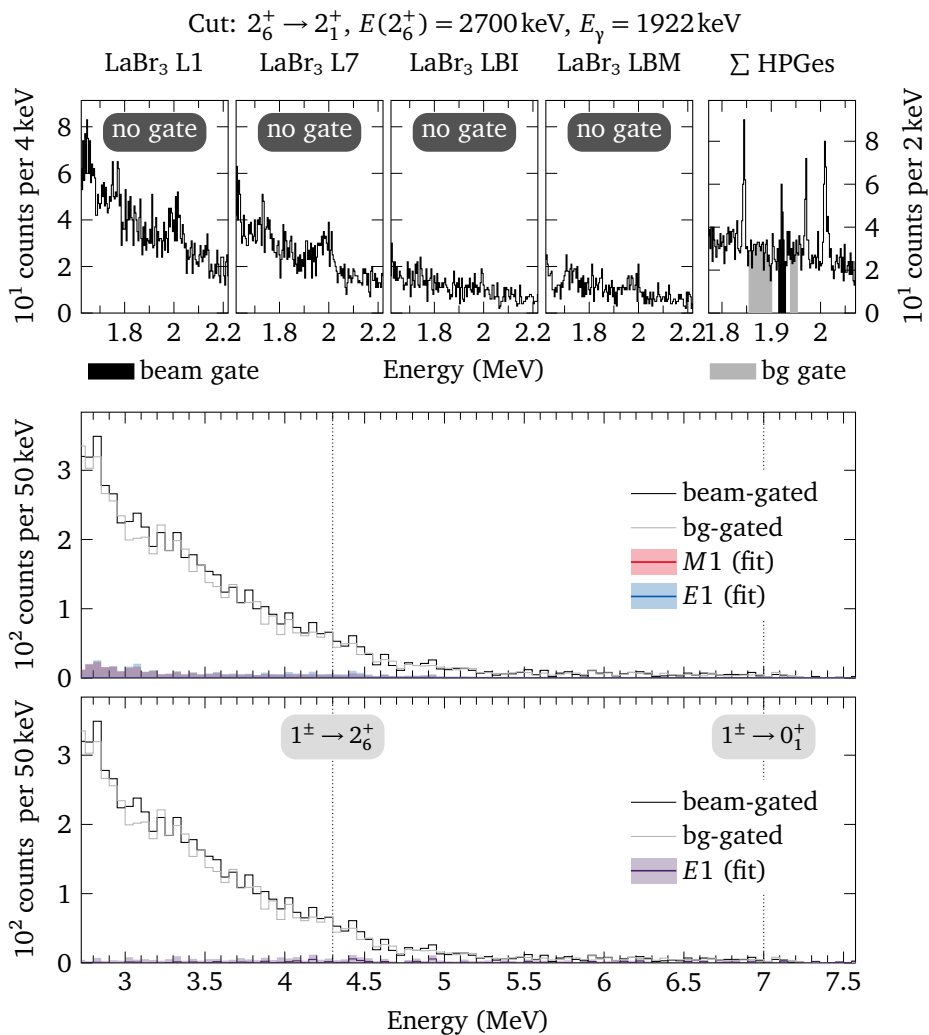


Figure 1.332: $E_{\text{beam}} = 7000 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

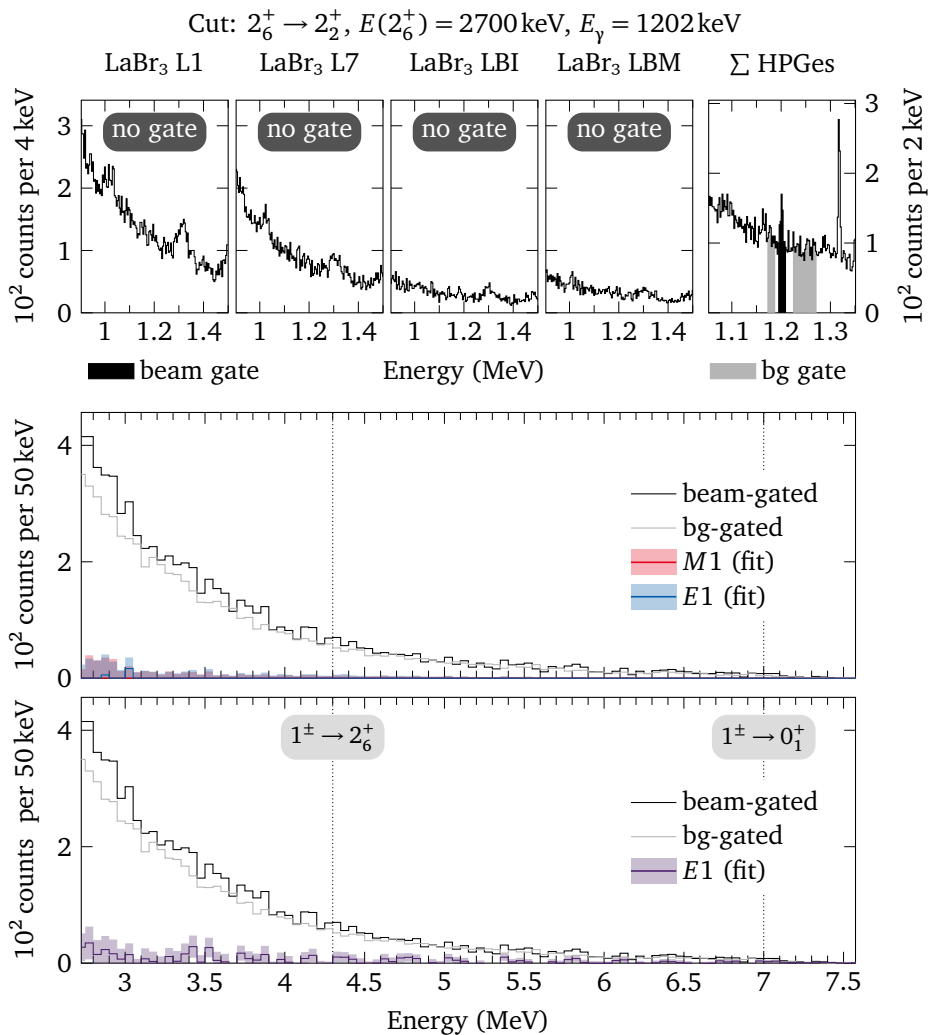


Figure 1.333: $E_{\text{beam}} = 7000 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

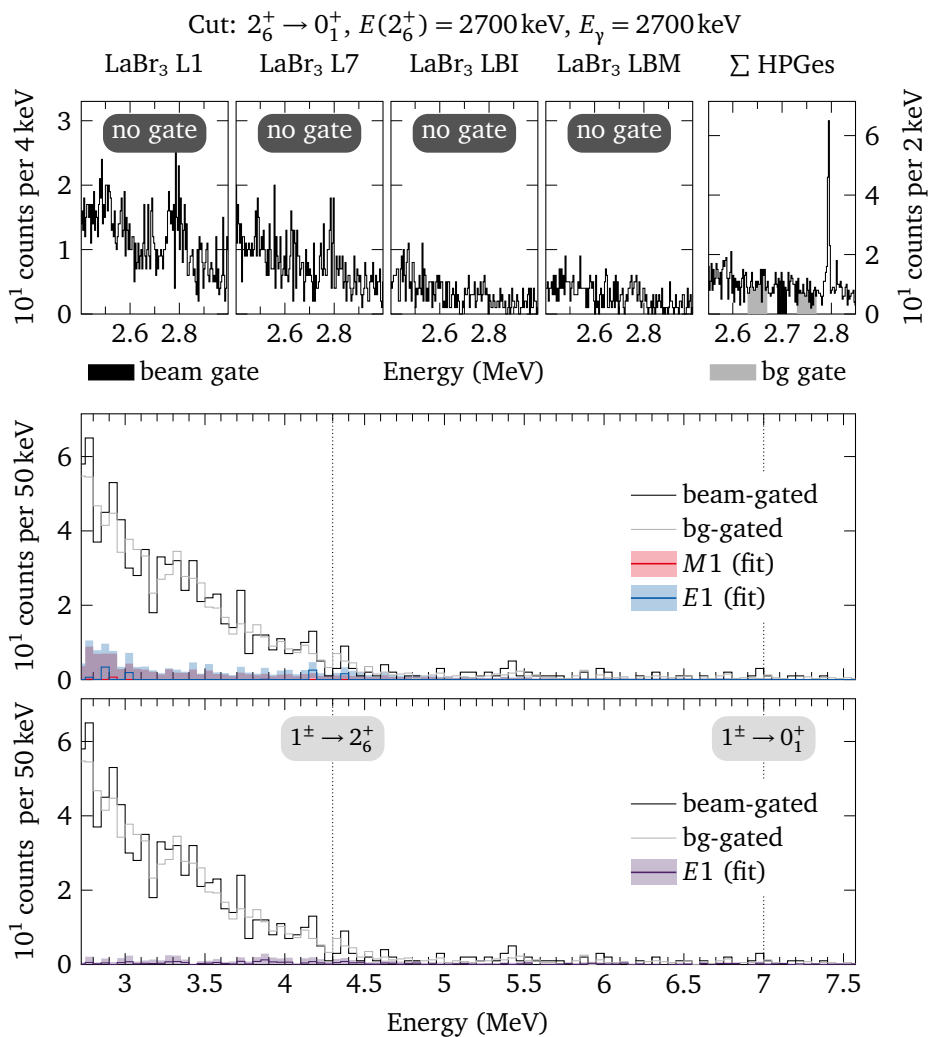


Figure 1.334: $E_{\text{beam}} = 7000 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

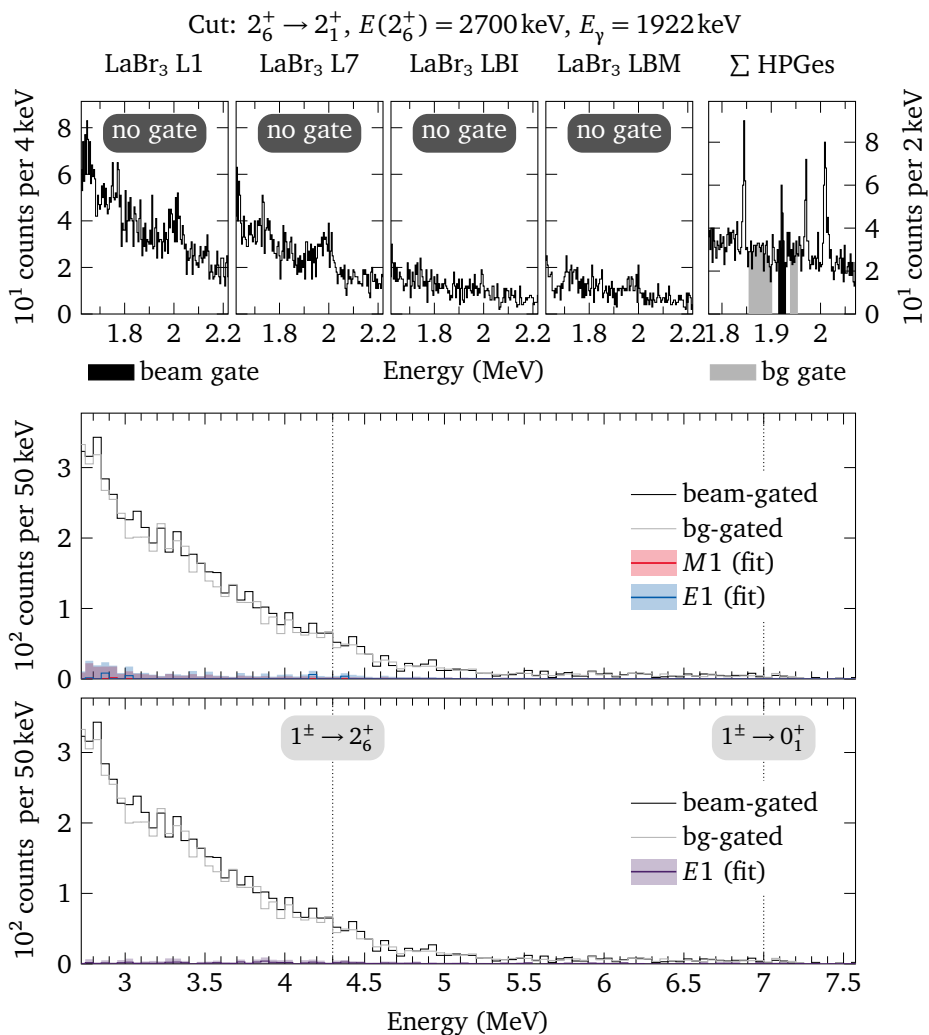


Figure 1.335: $E_{\text{beam}} = 7000 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

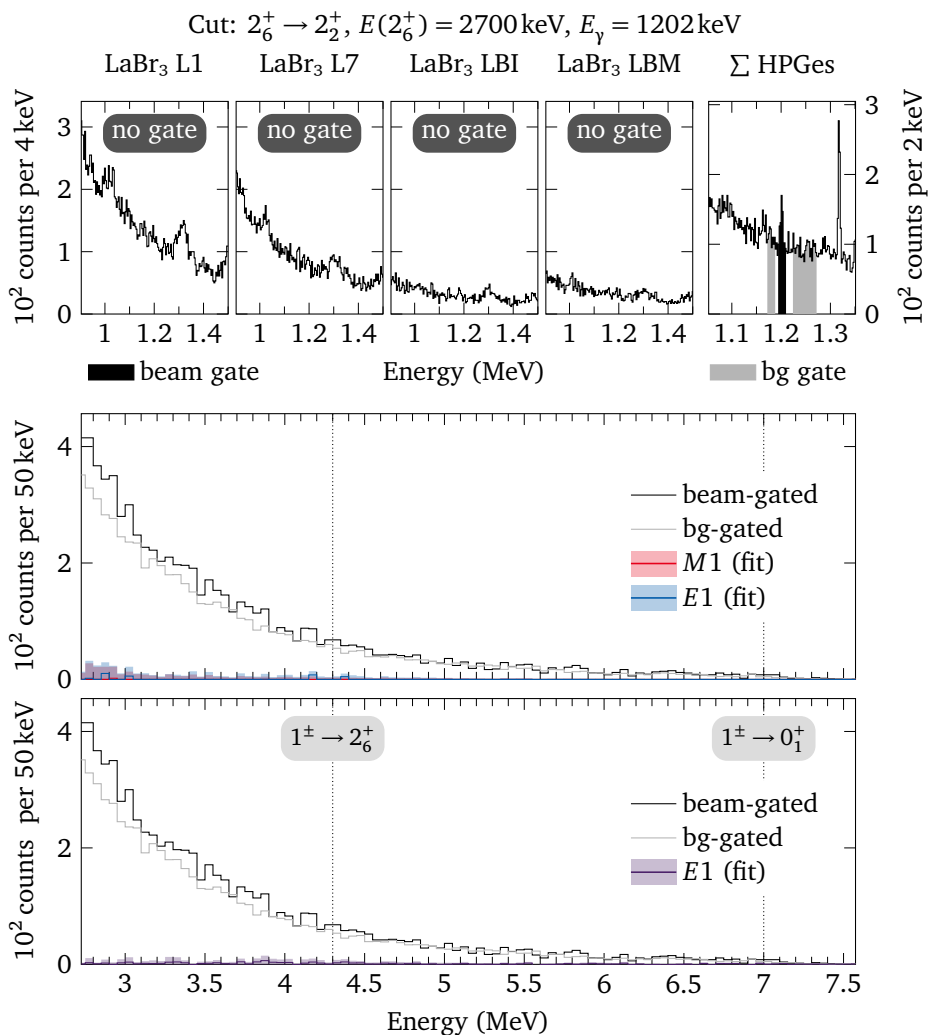


Figure 1.336: $E_{\text{beam}} = 7000 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

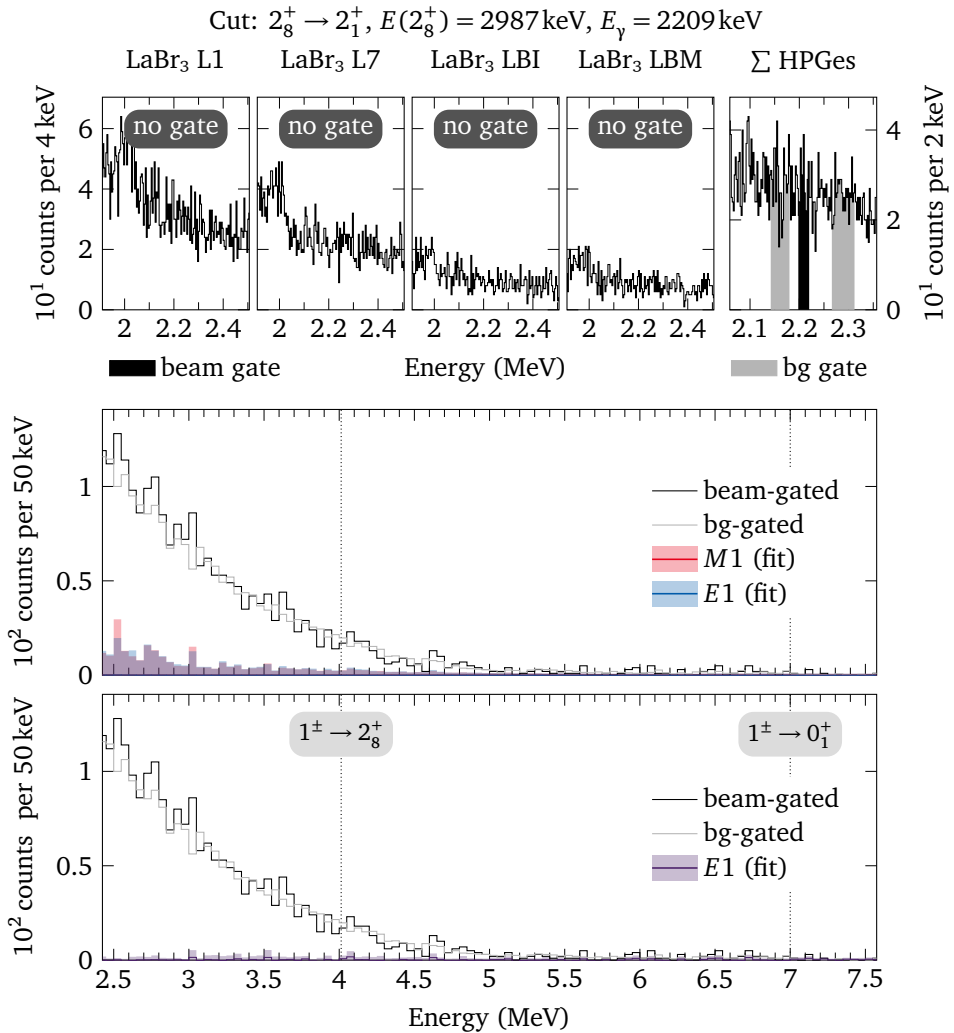


Figure 1.338: $E_{\text{beam}} = 7000 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

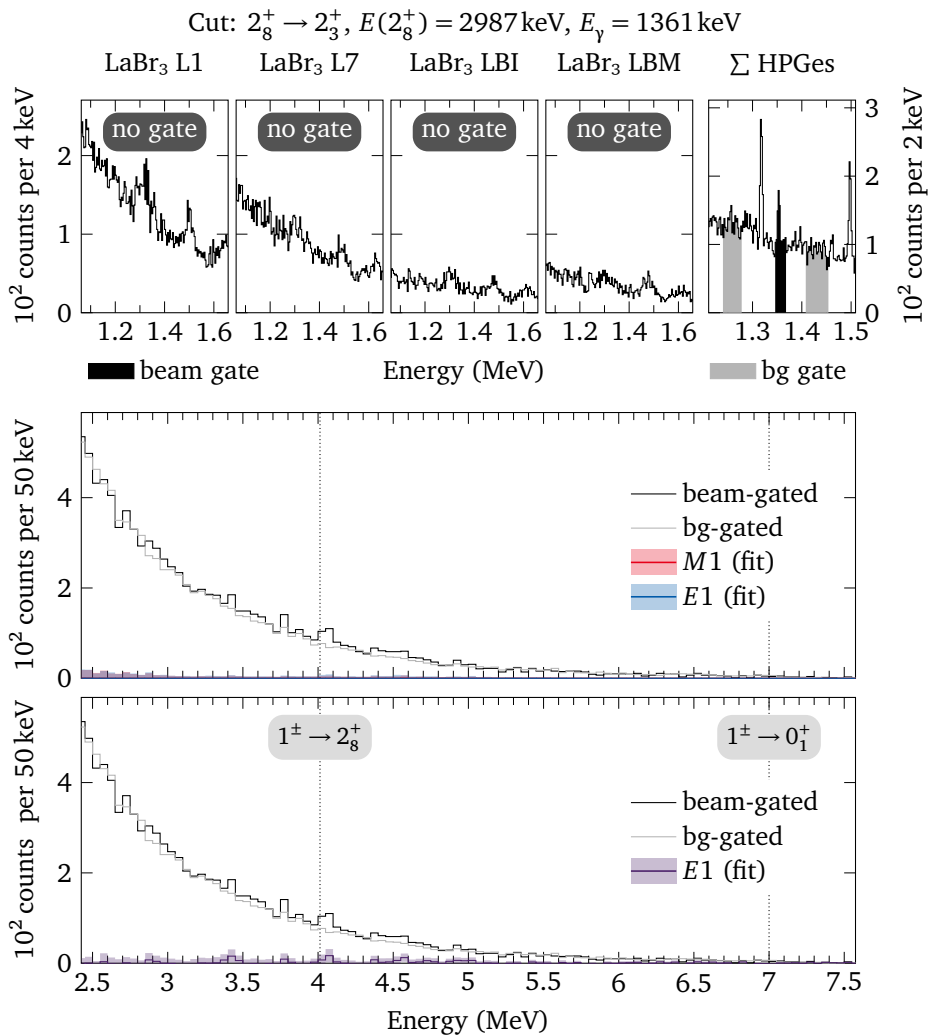


Figure 1.339: $E_{\text{beam}} = 7000 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

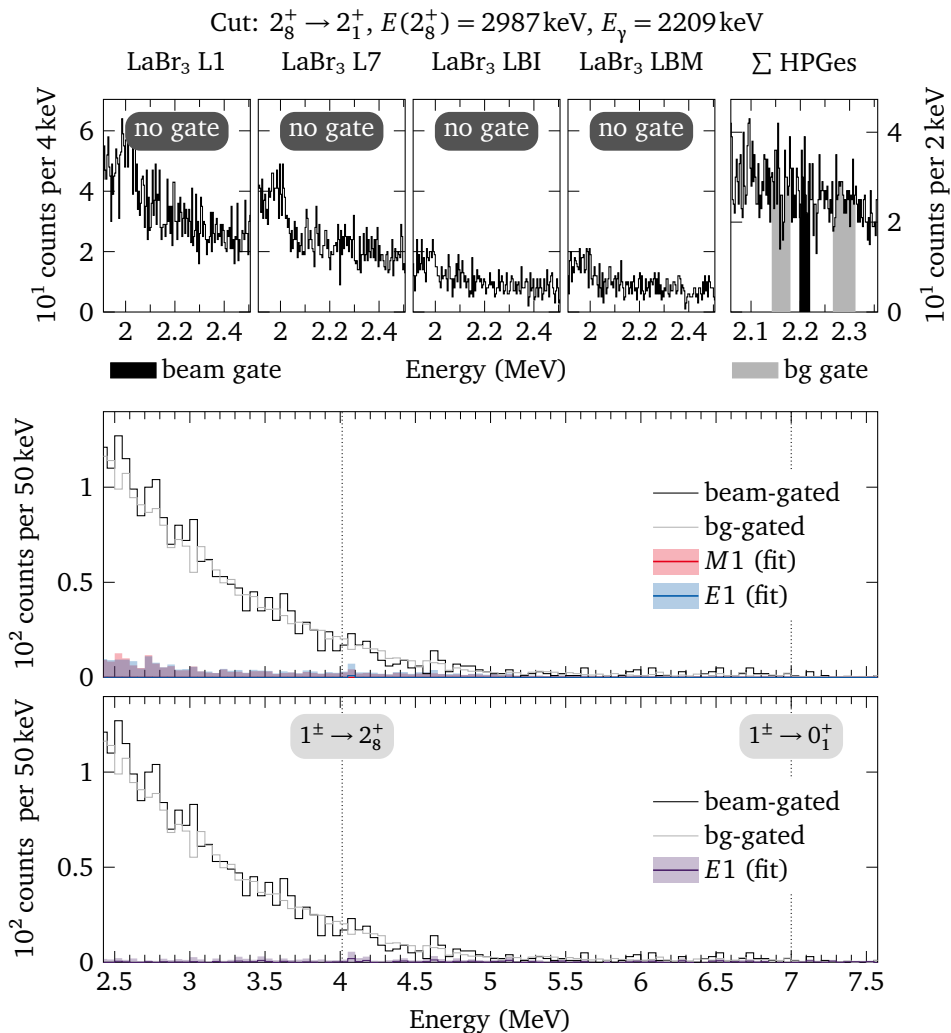


Figure 1.340: $E_{\text{beam}} = 7000 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

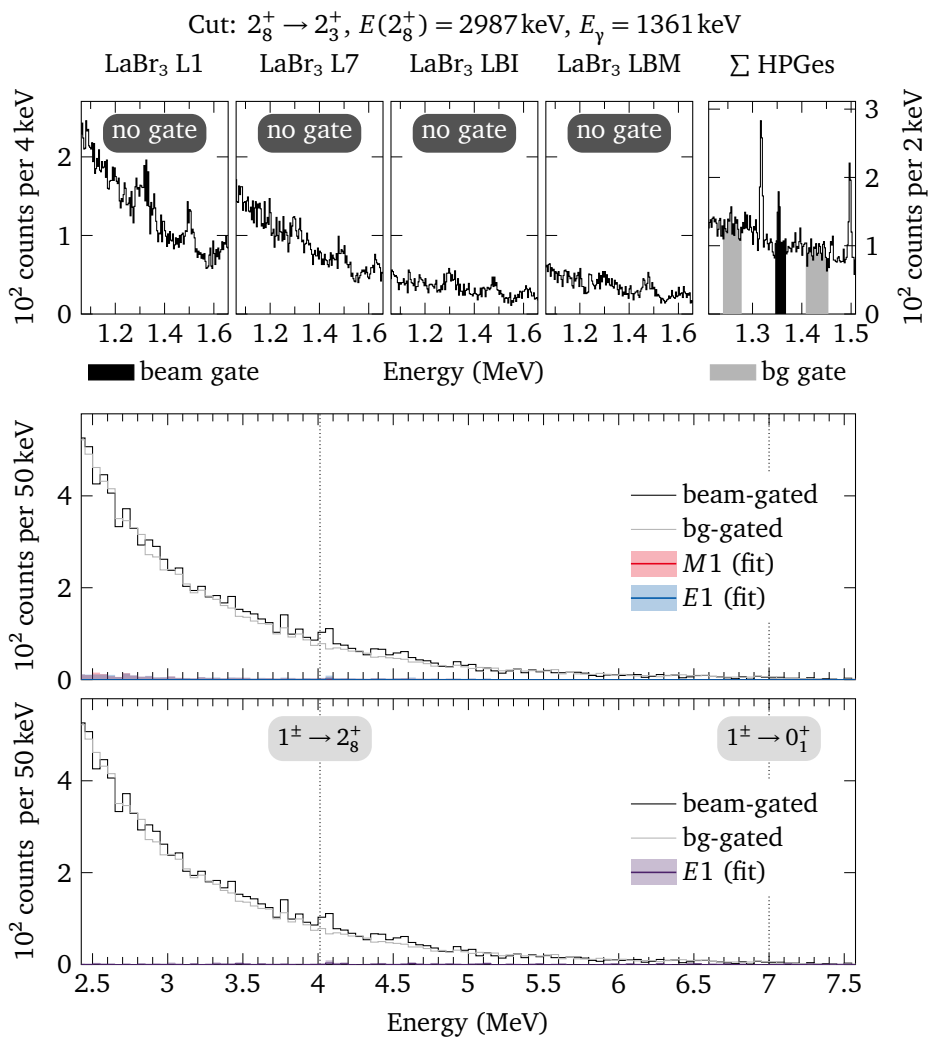


Figure 1.341: $E_{\text{beam}} = 7000 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

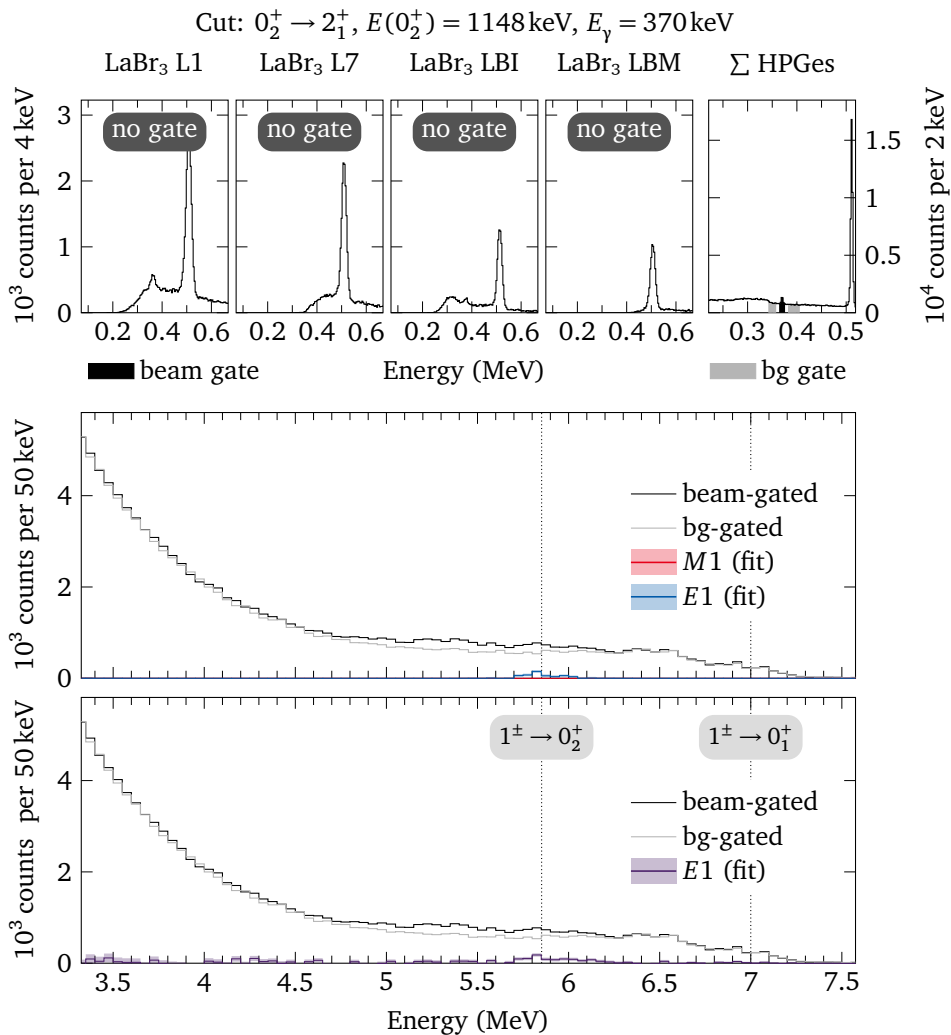


Figure 1.342: $E_{\text{beam}} = 7000 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

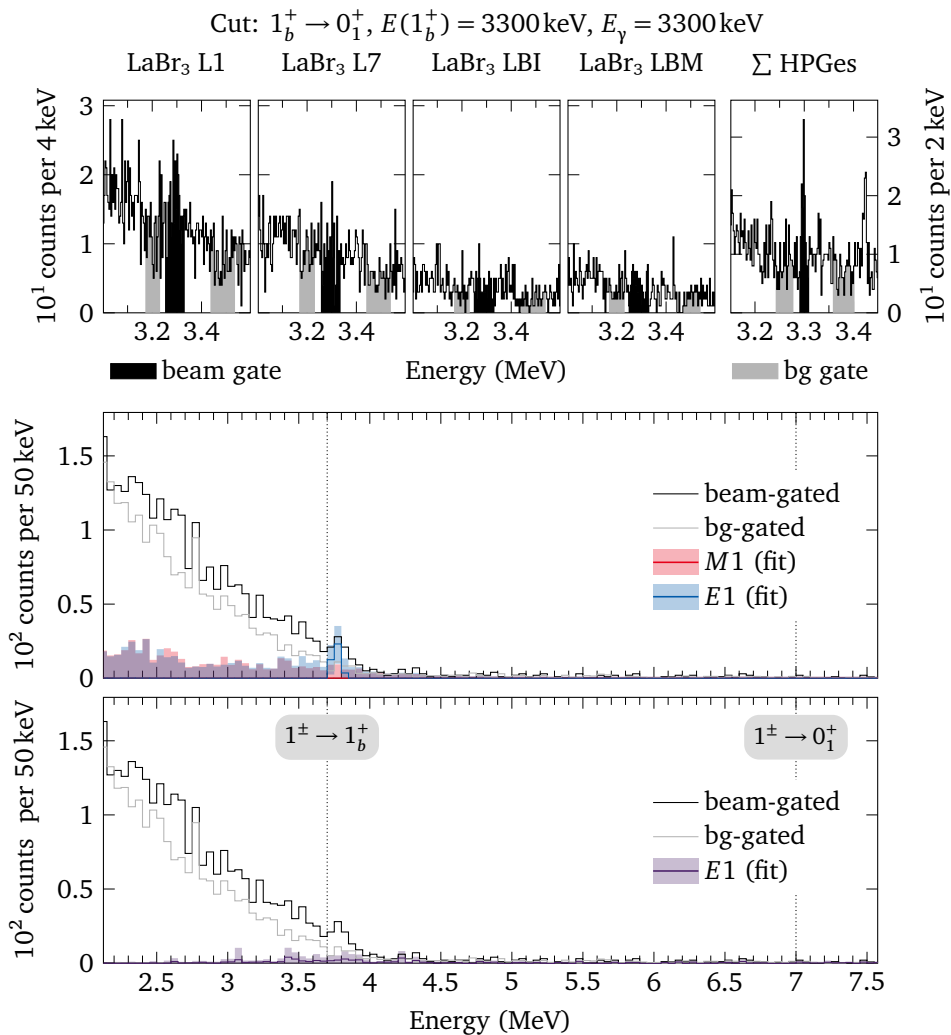


Figure 1.344: $E_{\text{beam}} = 7000 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

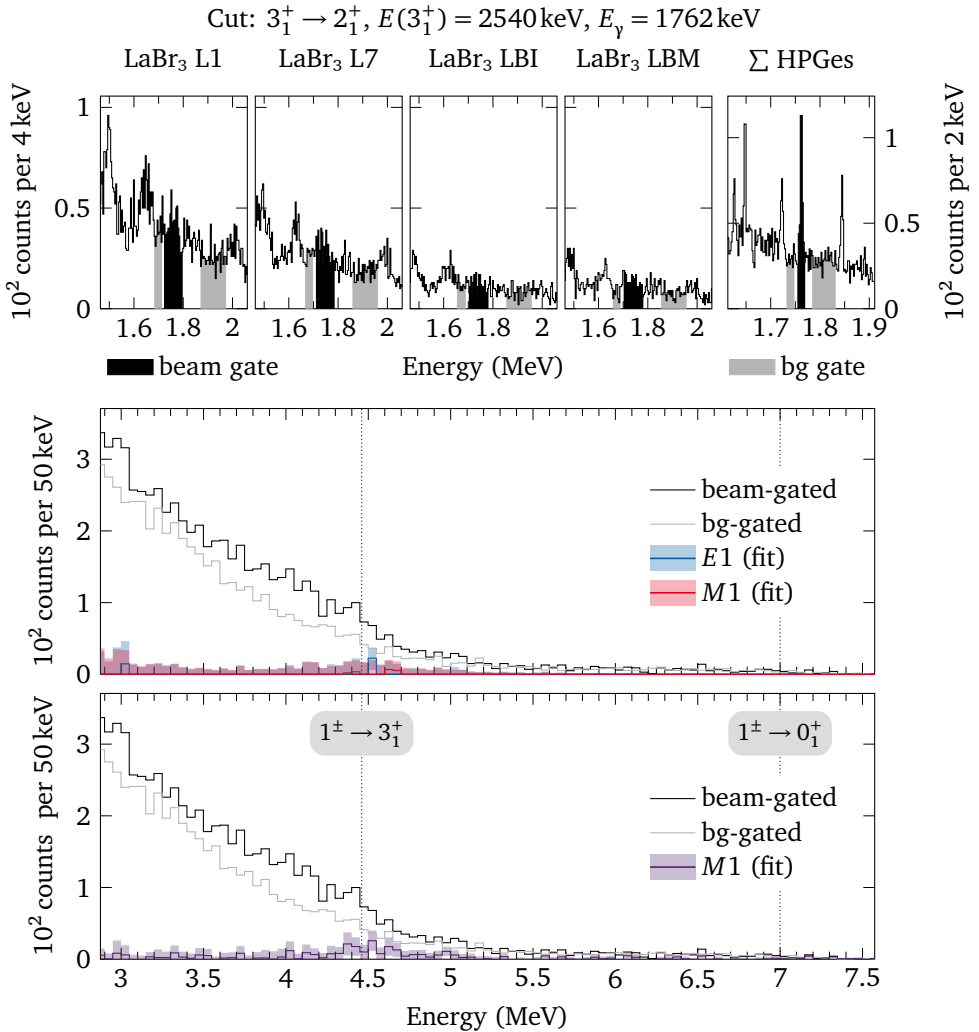


Figure 1.345: $E_{\text{beam}} = 7000 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

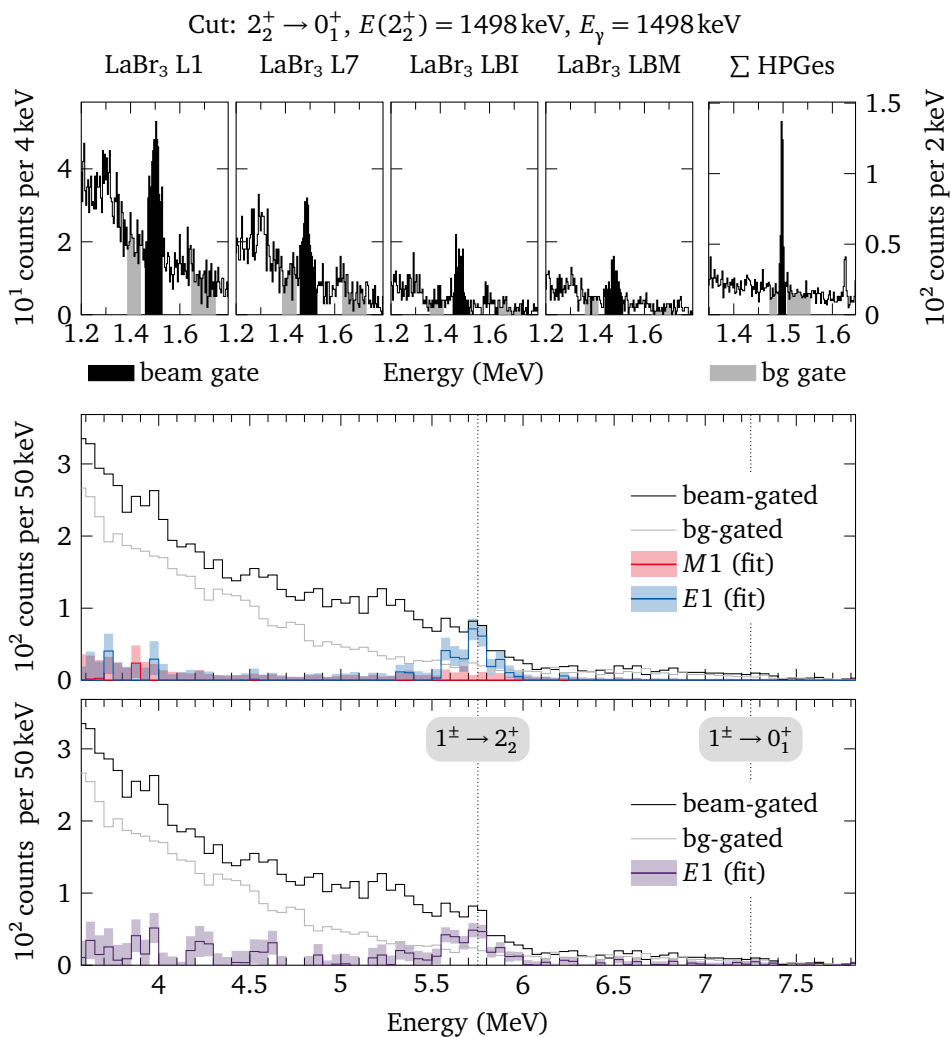


Figure 1.347: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

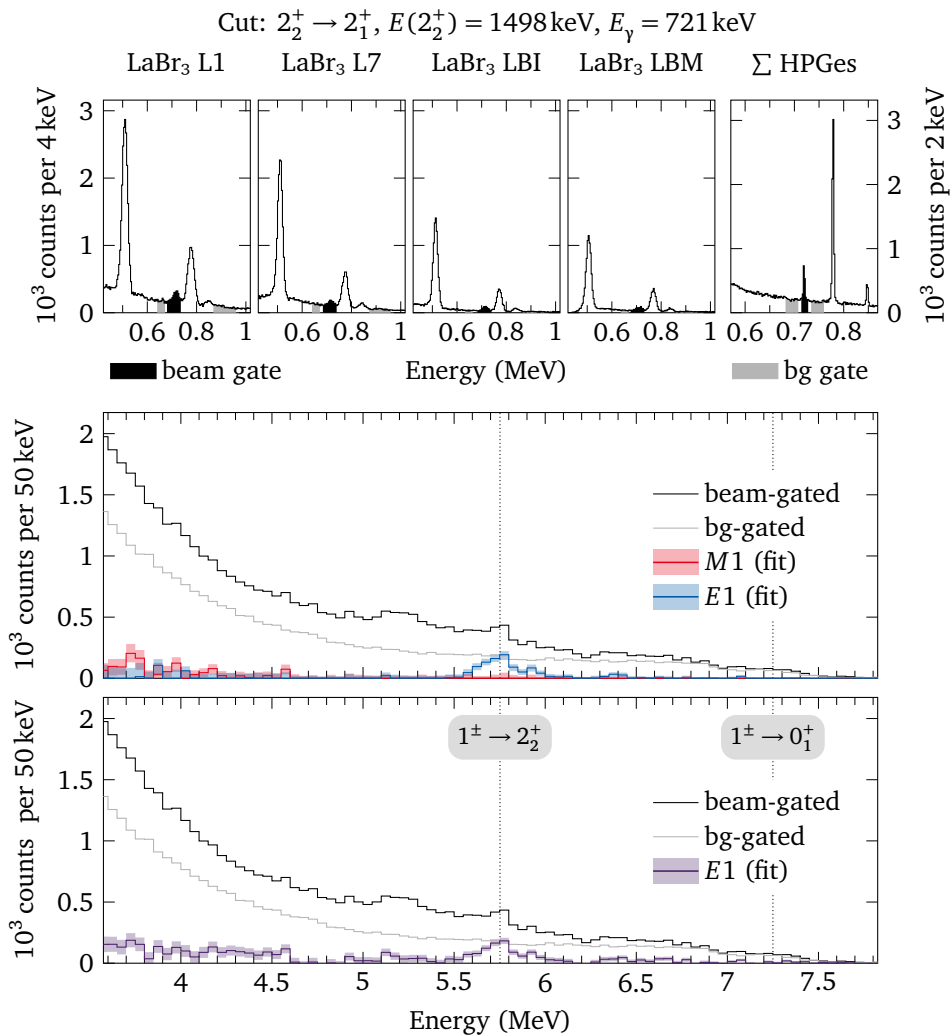


Figure 1.348: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

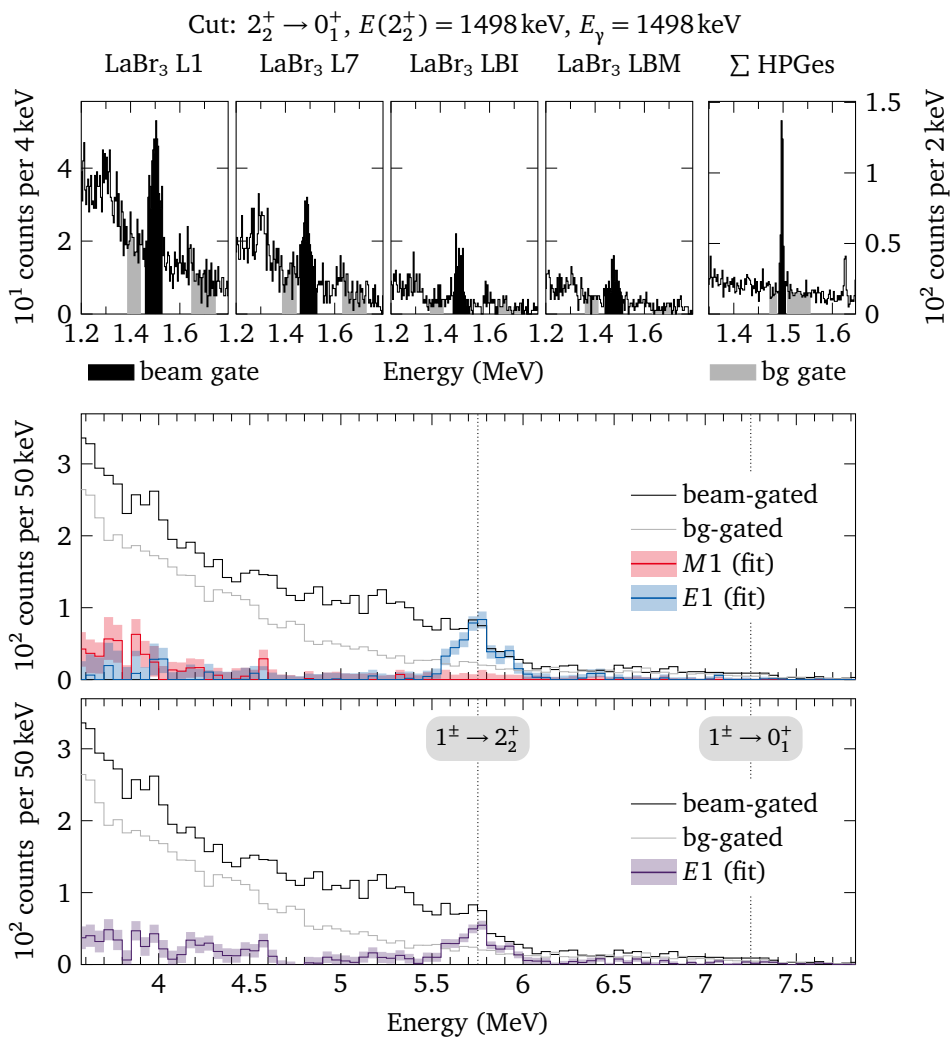


Figure 1.349: $E_{\text{beam}} = 7250 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

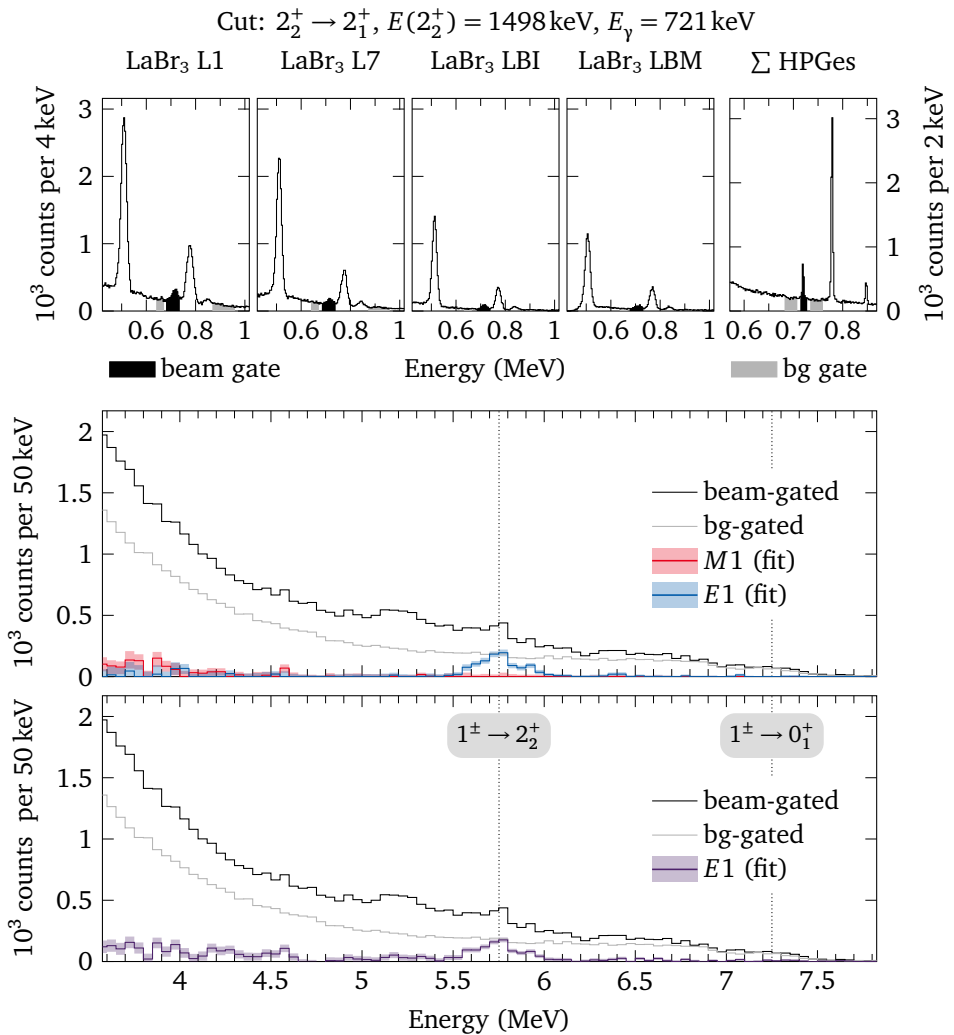


Figure 1.350: $E_{\text{beam}} = 7250 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

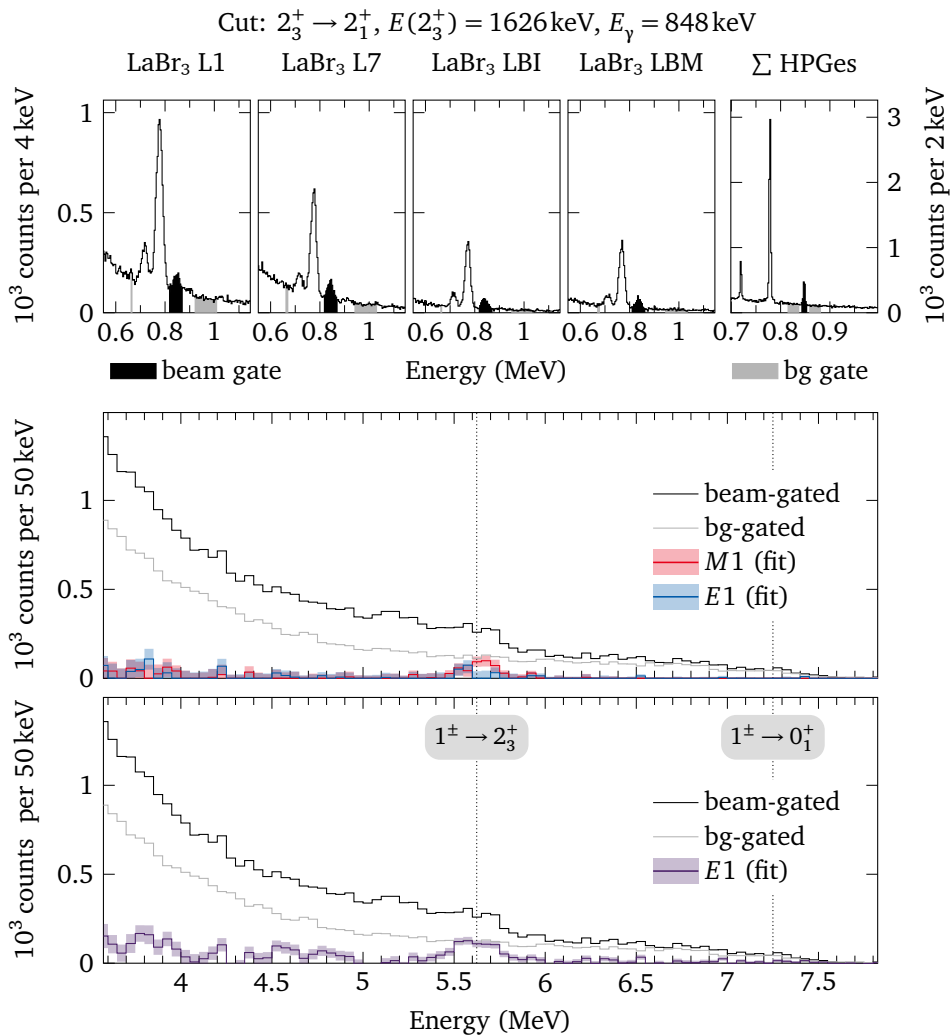


Figure 1.351: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

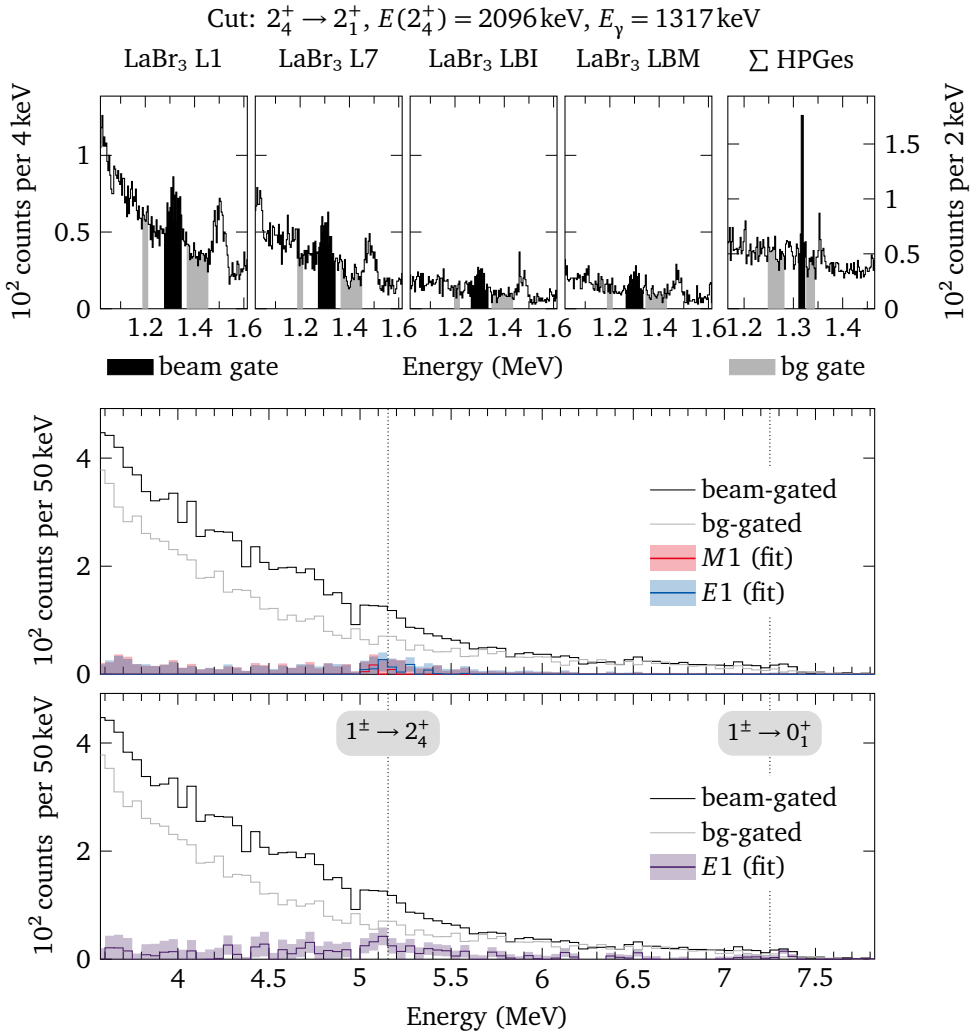


Figure 1.352: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

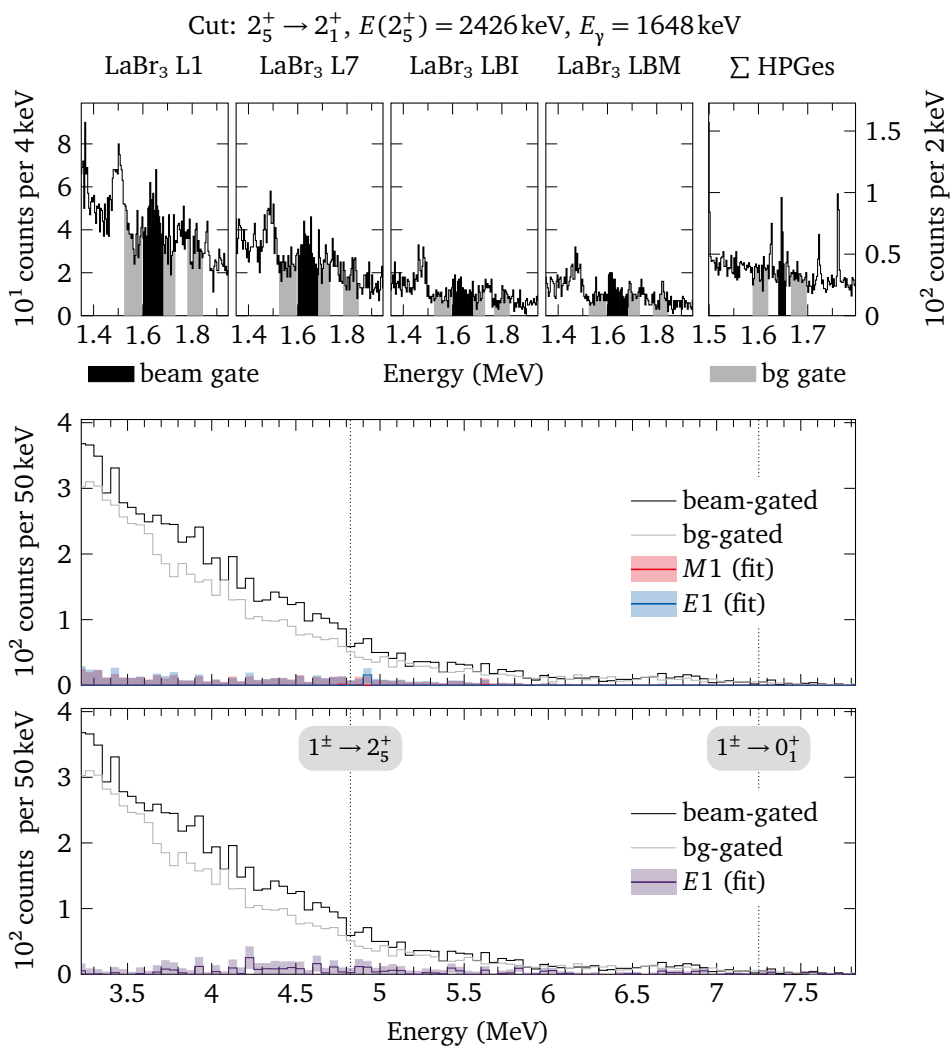


Figure 1.353: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

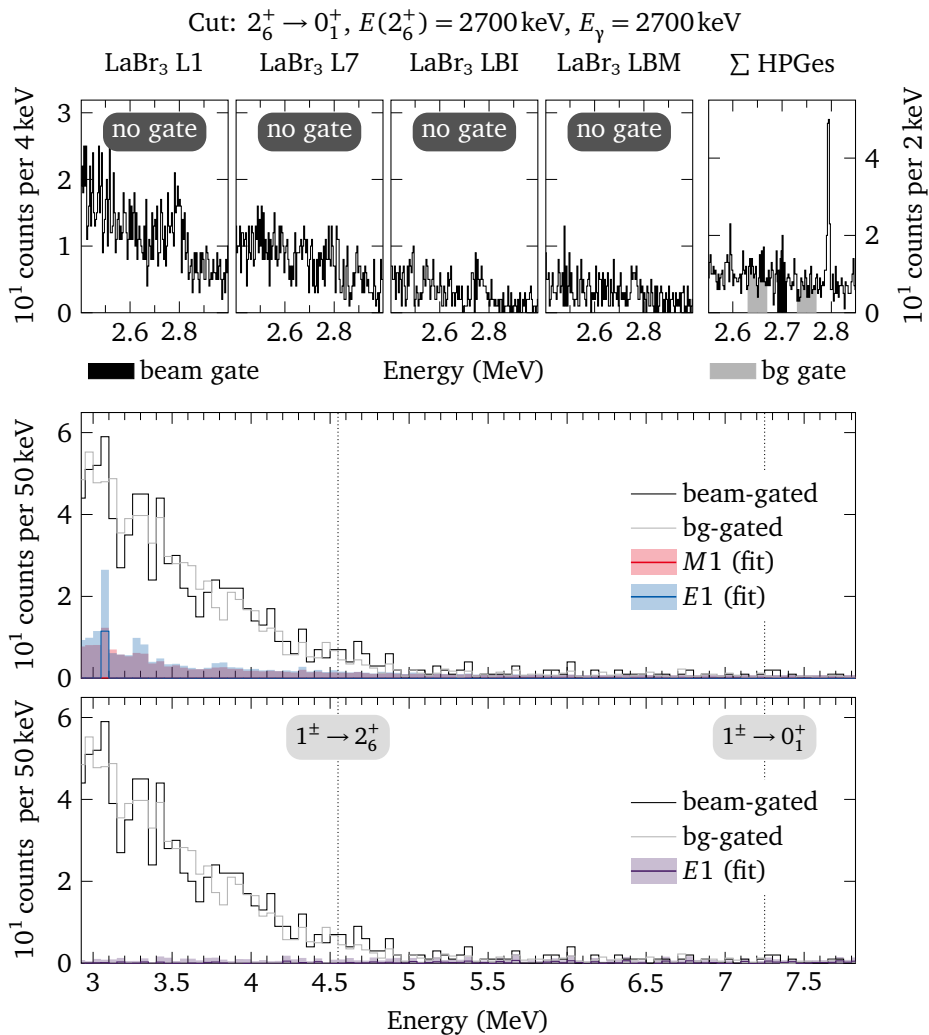


Figure 1.354: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

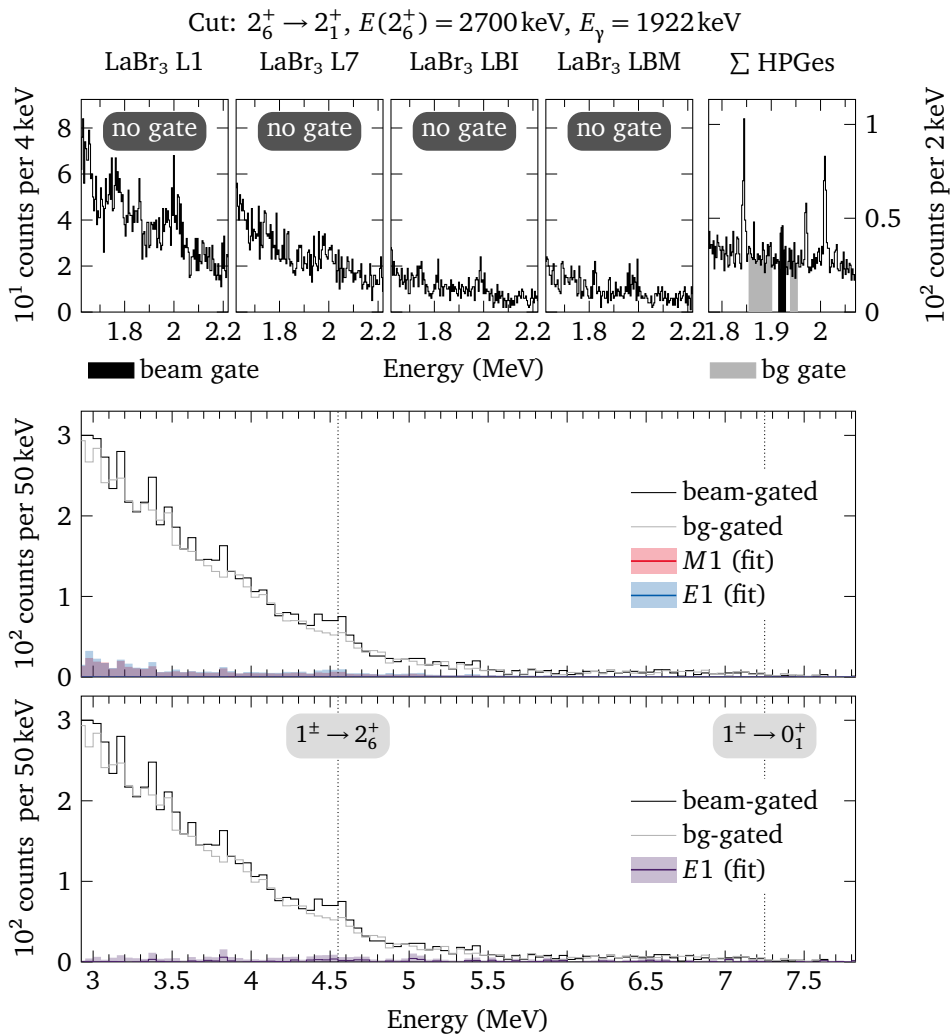


Figure 1.355: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

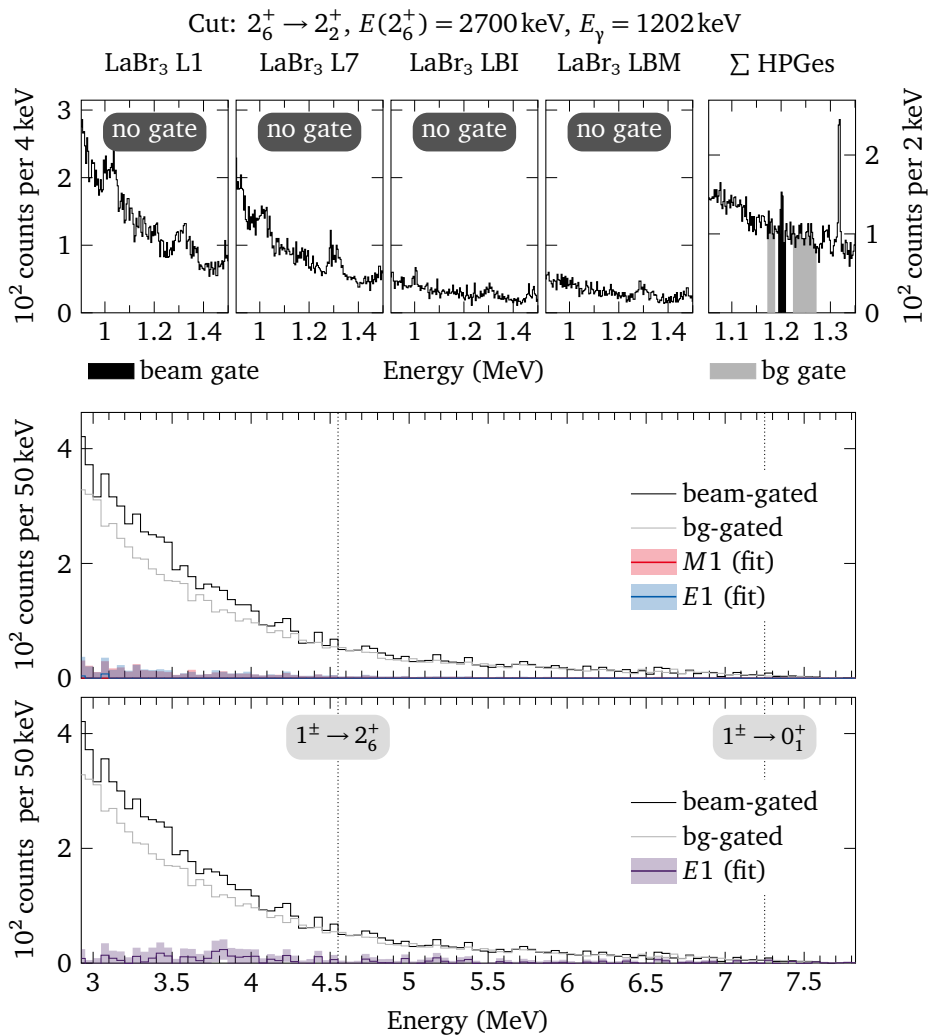


Figure 1.356: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

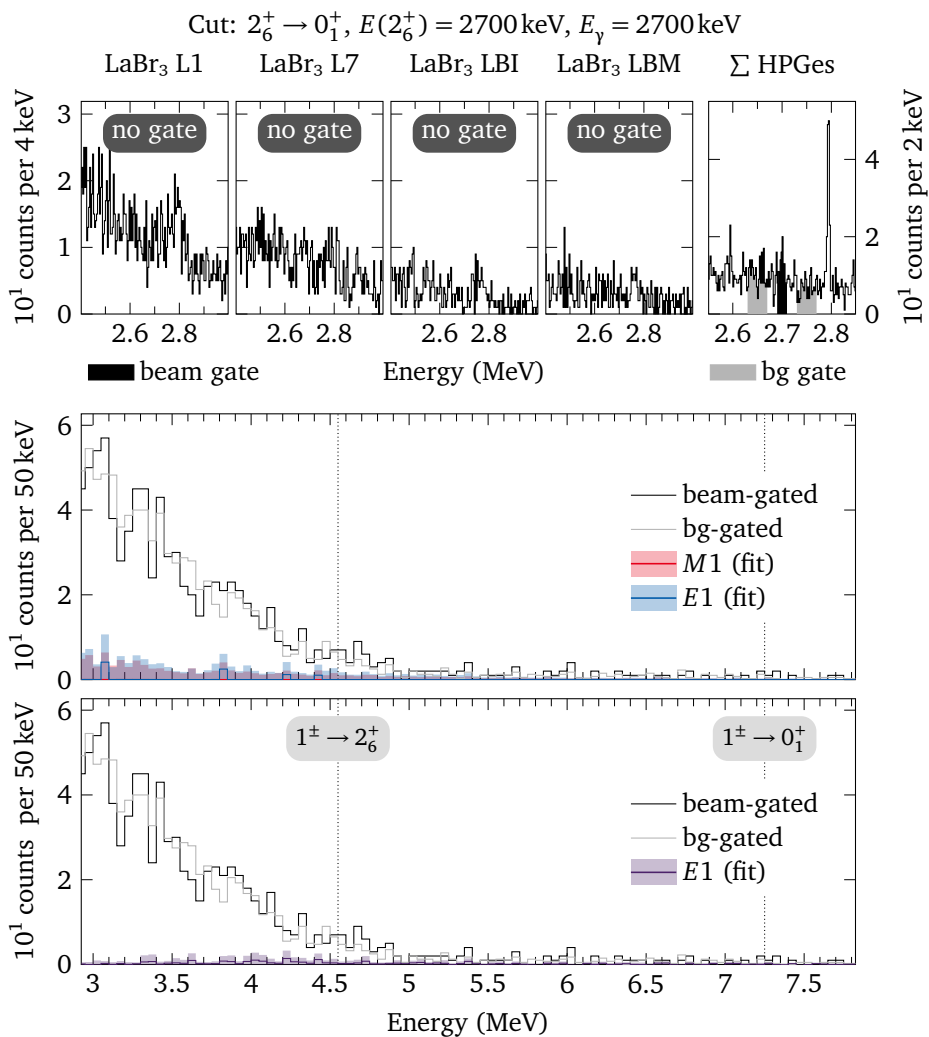


Figure 1.357: $E_{\text{beam}} = 7250 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

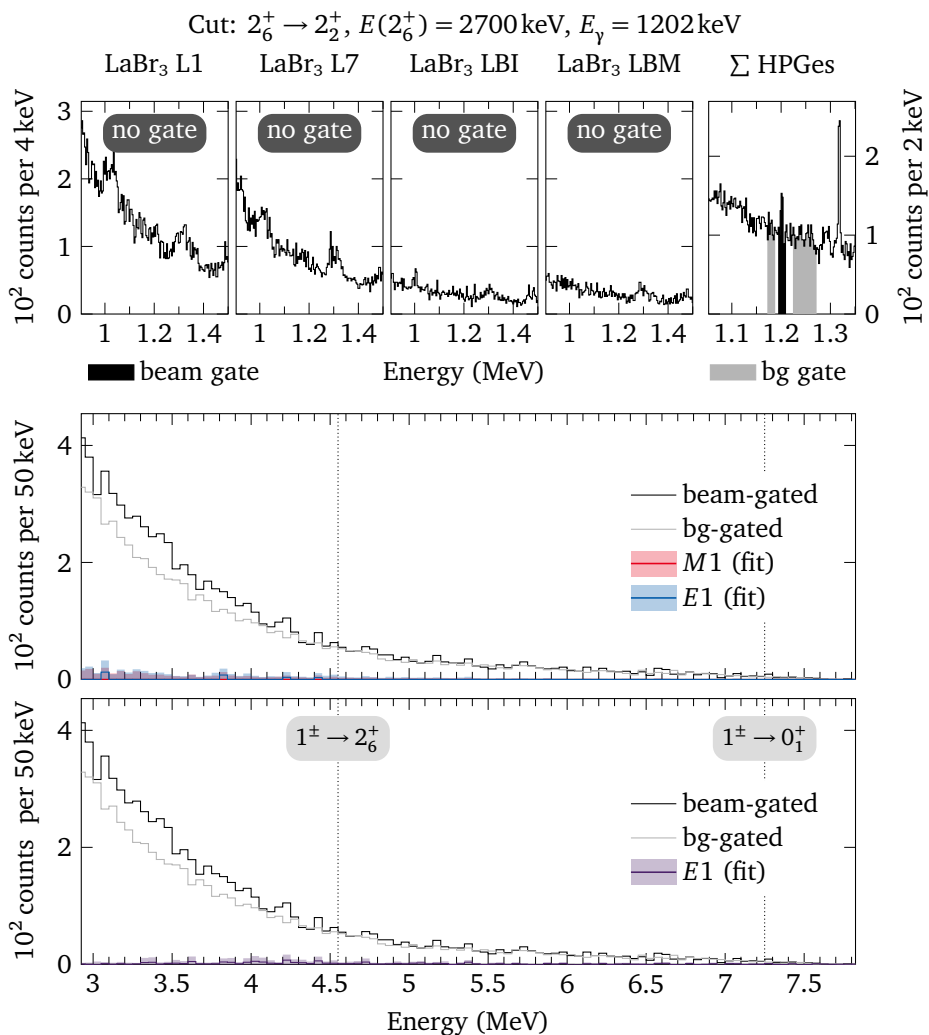


Figure 1.359: $E_{\text{beam}} = 7250 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

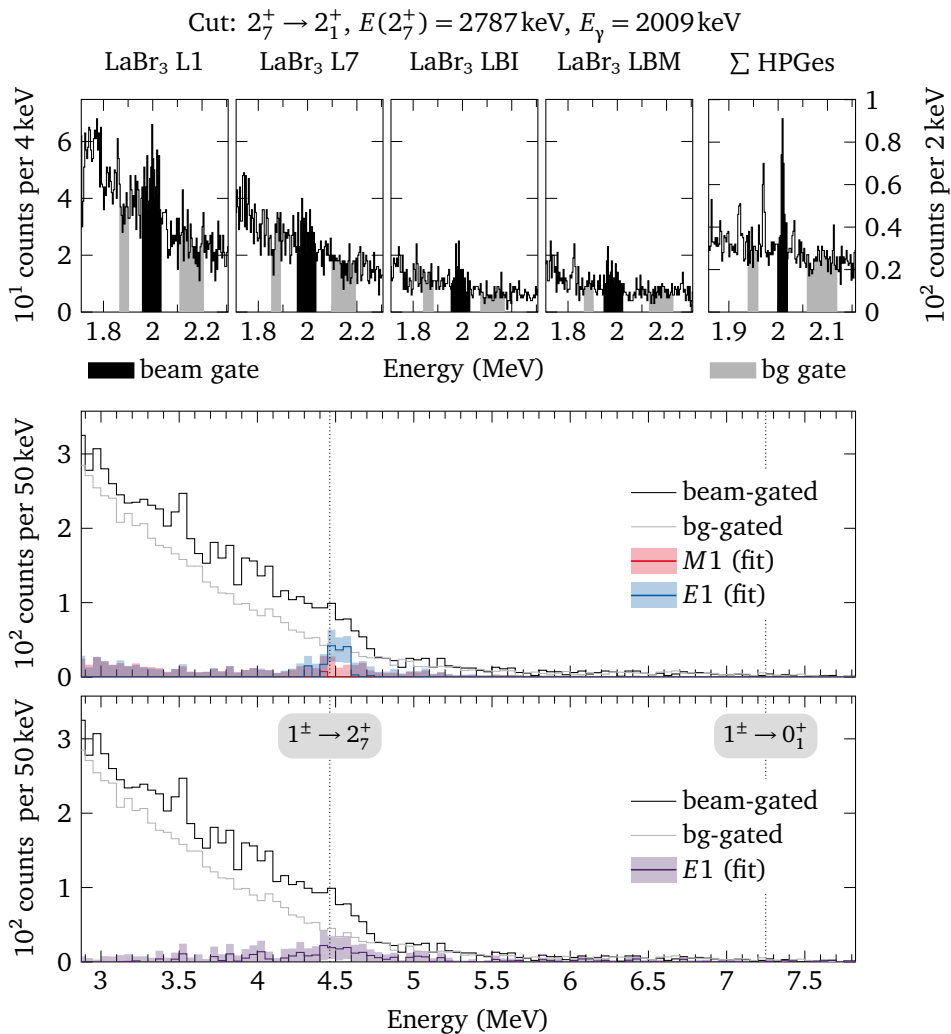


Figure 1.360: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

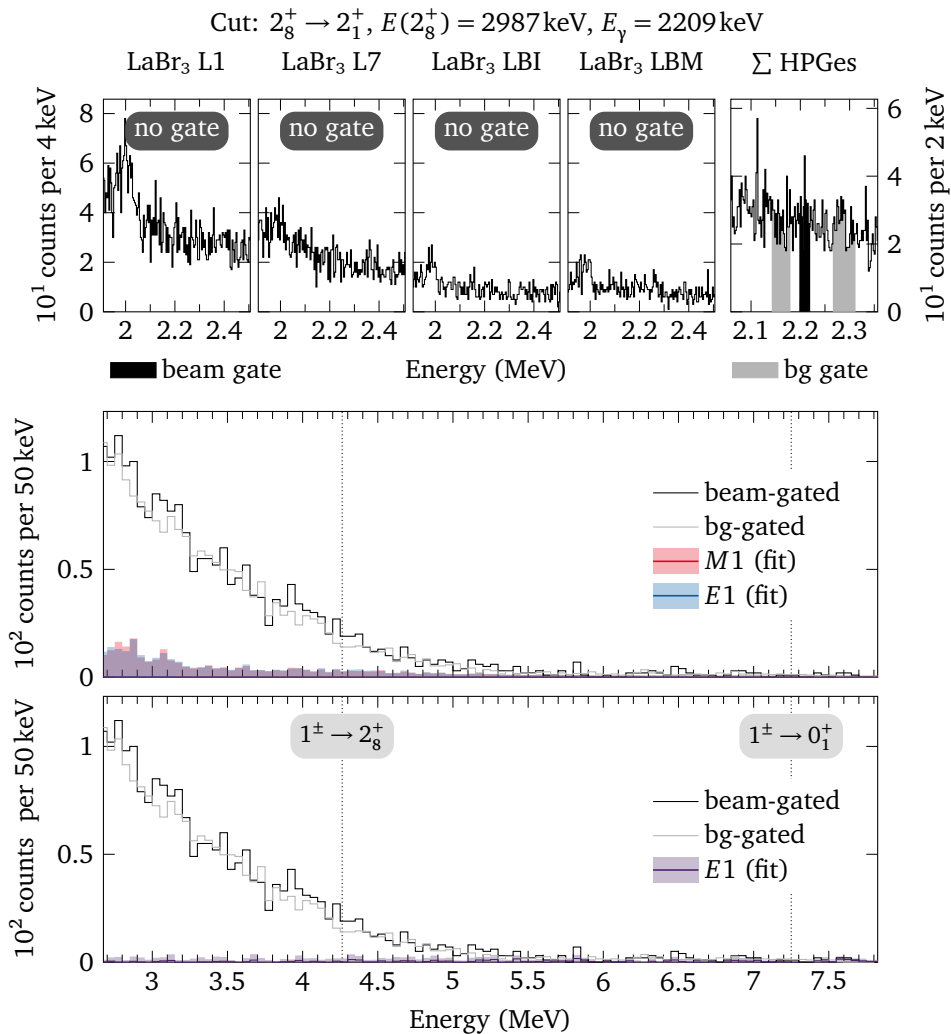


Figure 1.361: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

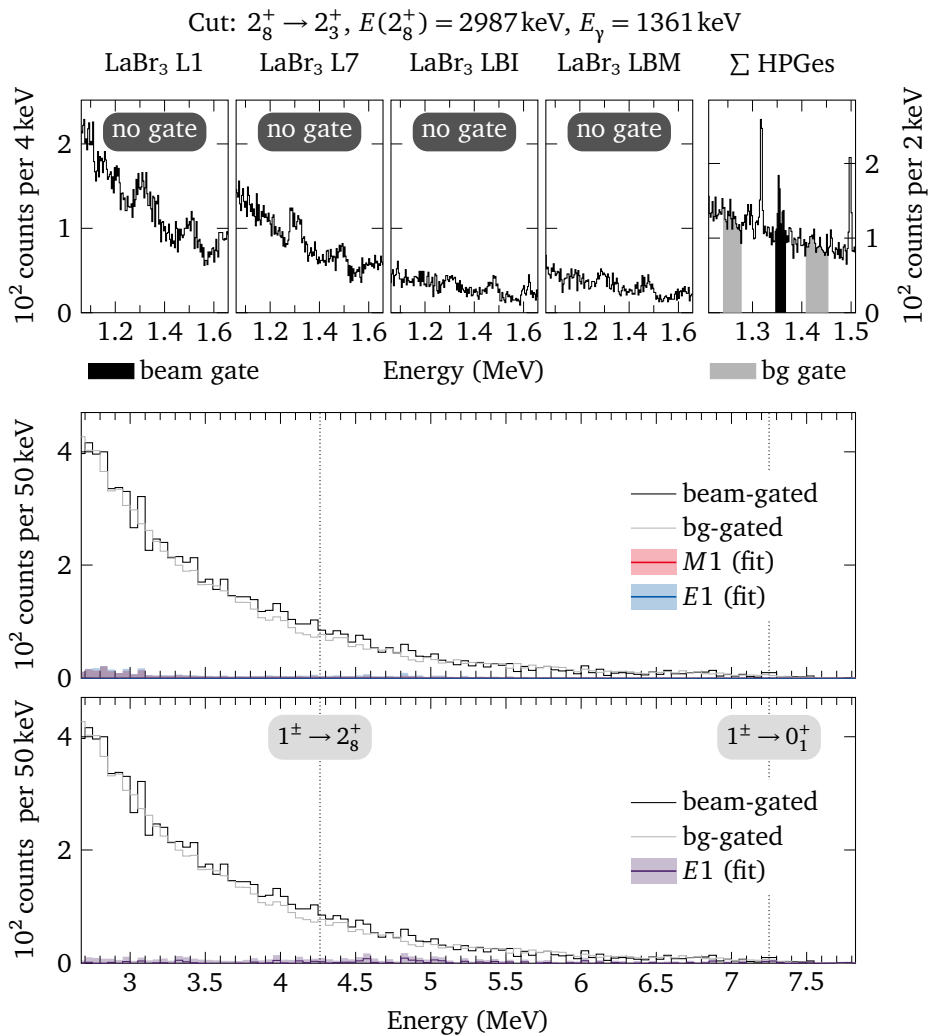


Figure 1.362: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

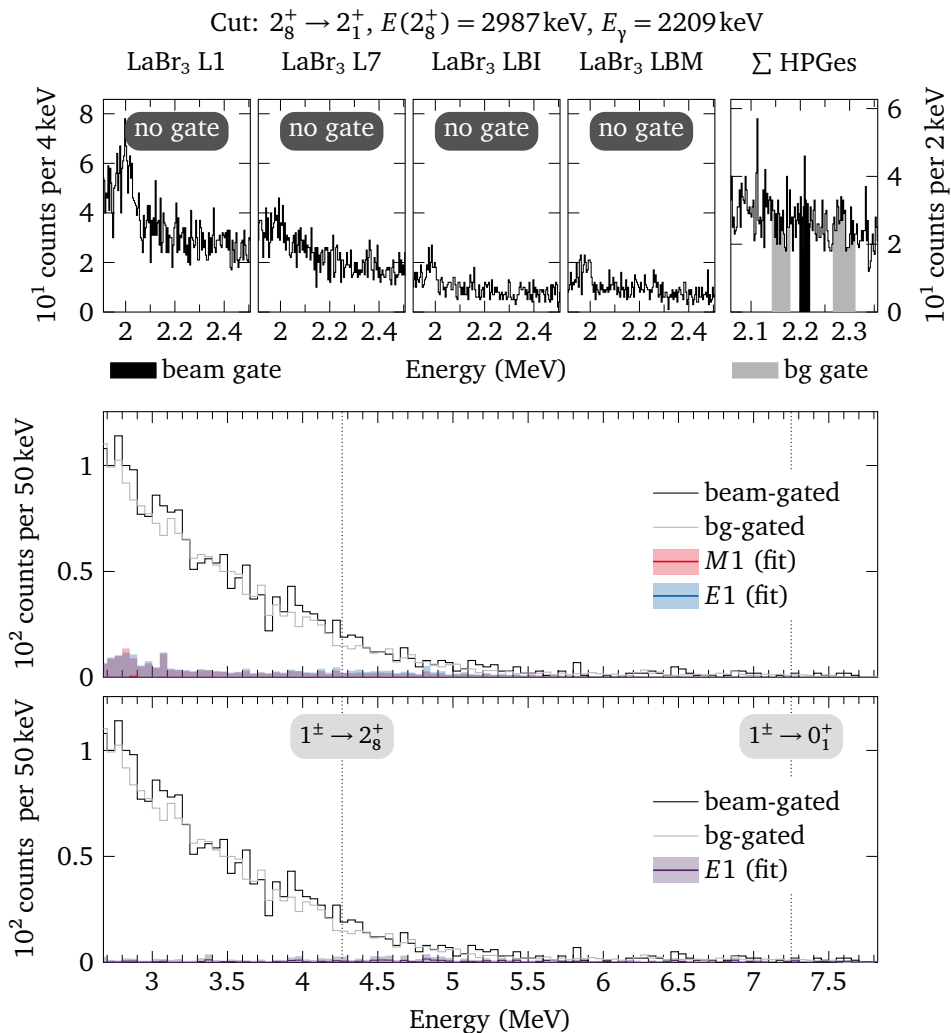


Figure 1.363: $E_{\text{beam}} = 7250 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

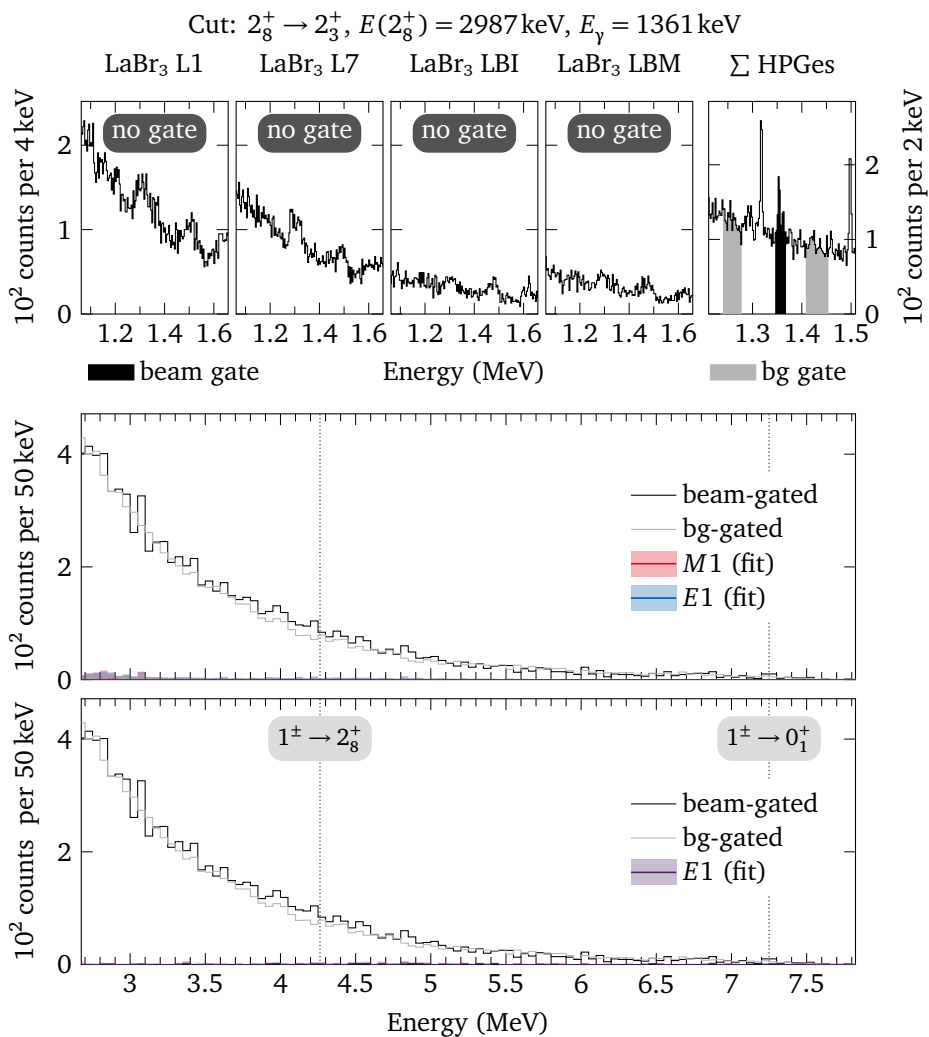


Figure 1.364: $E_{\text{beam}} = 7250 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

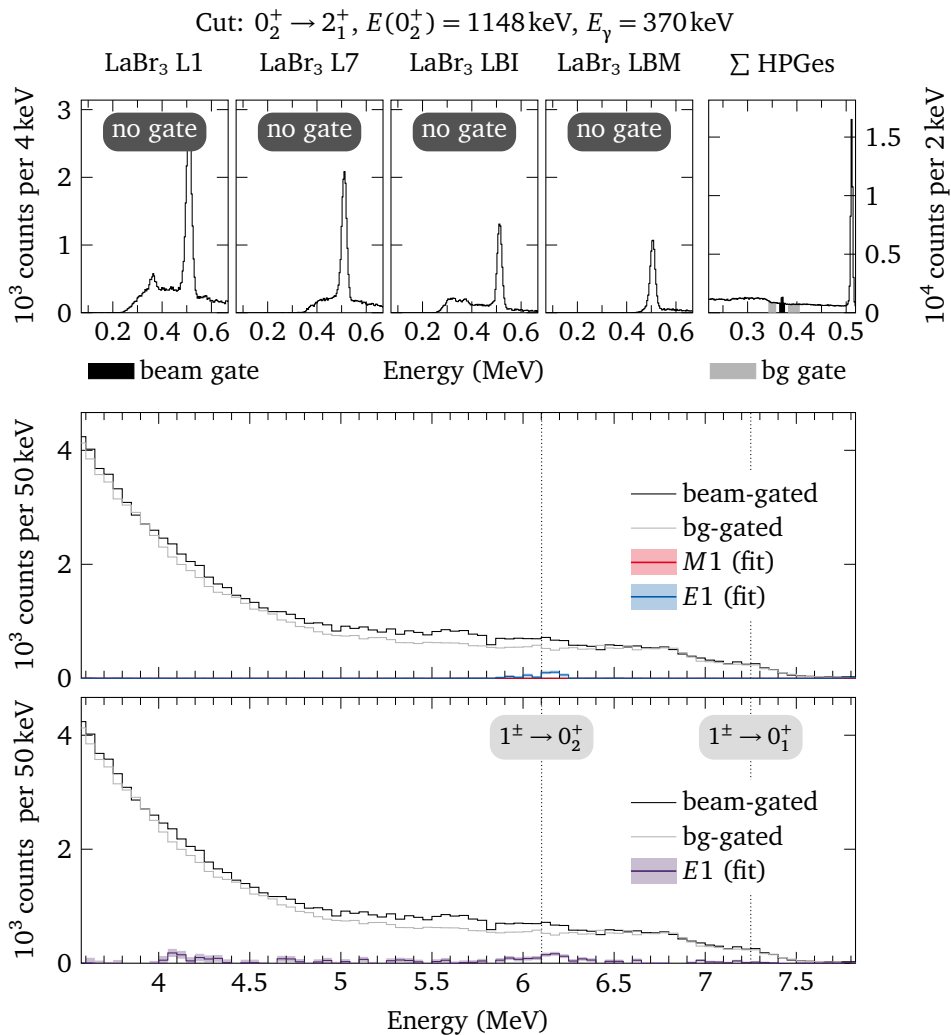


Figure 1.365: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

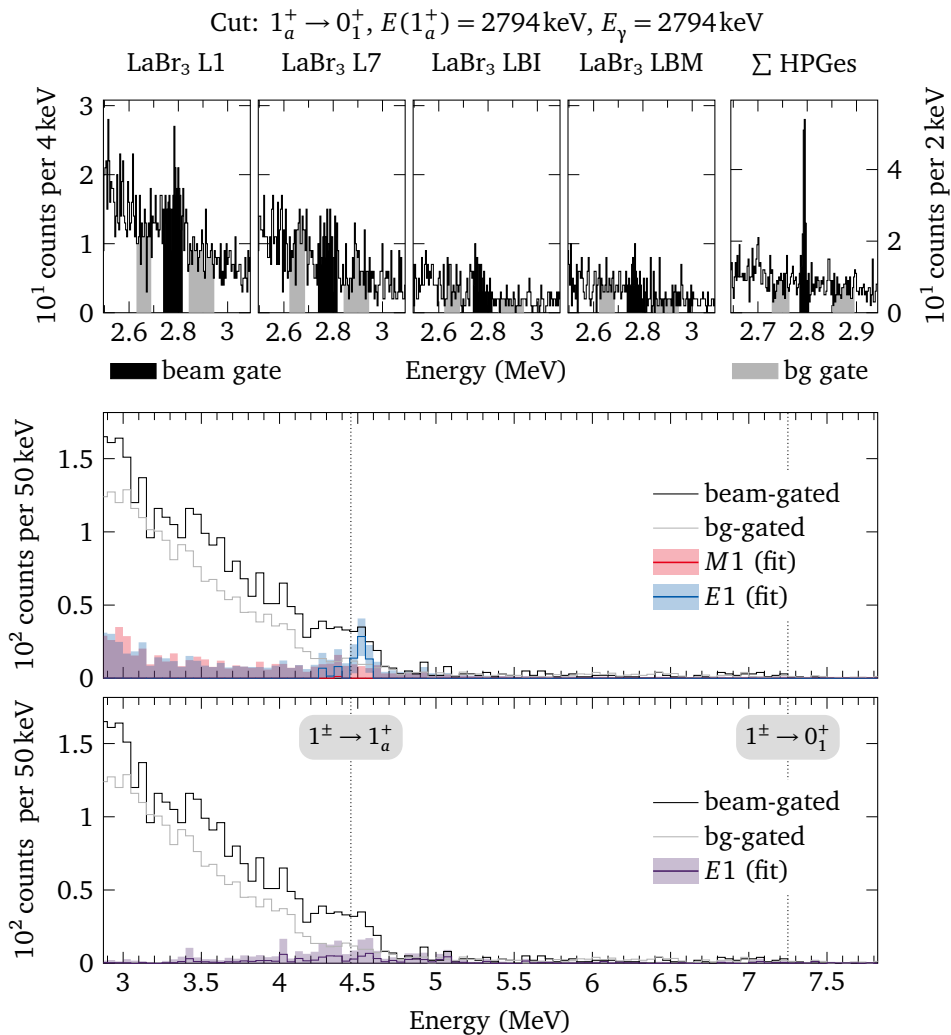


Figure 1.366: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

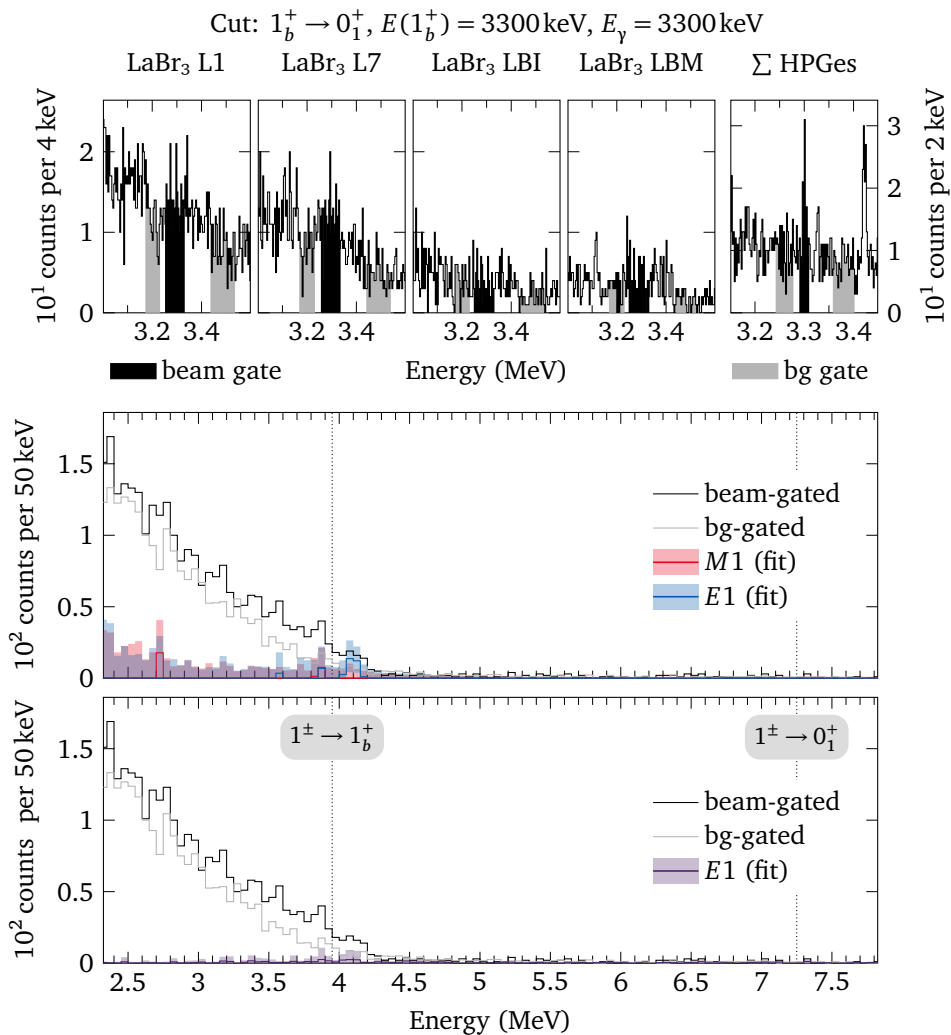


Figure 1.367: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

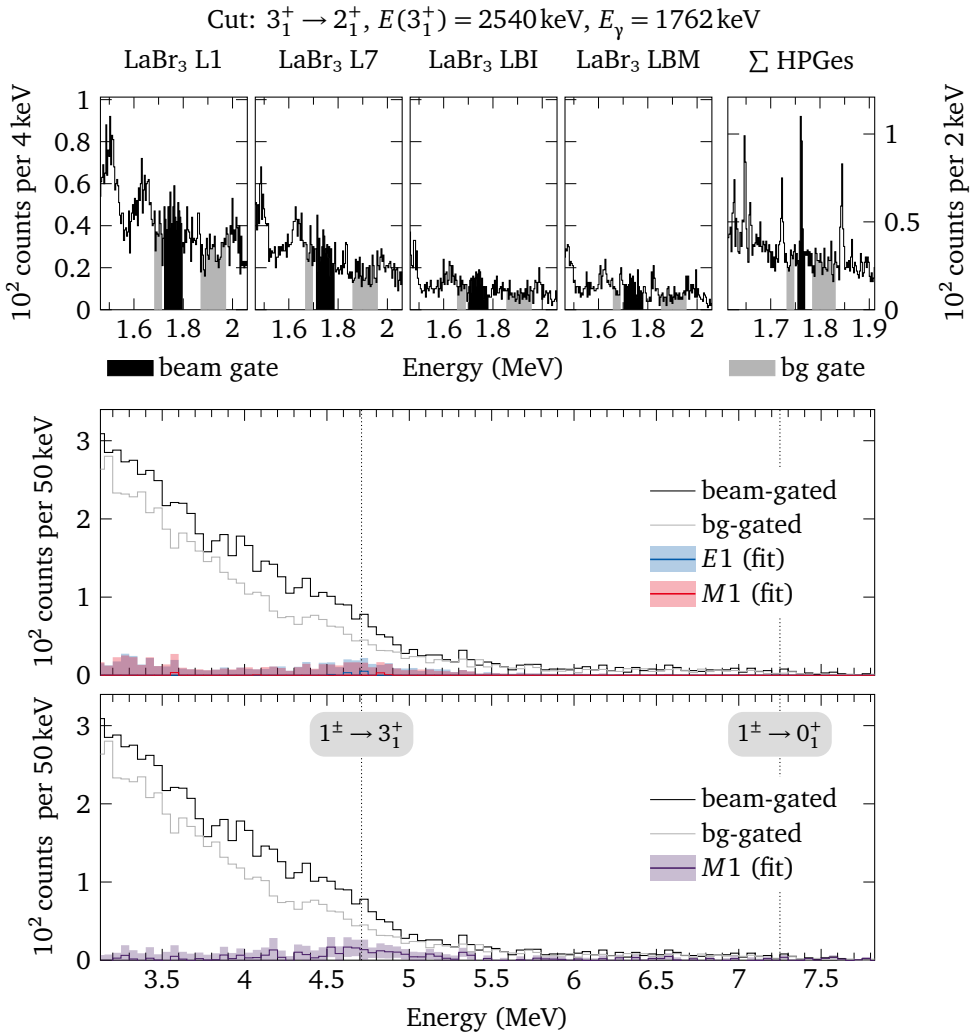


Figure 1.368: $E_{\text{beam}} = 7250 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

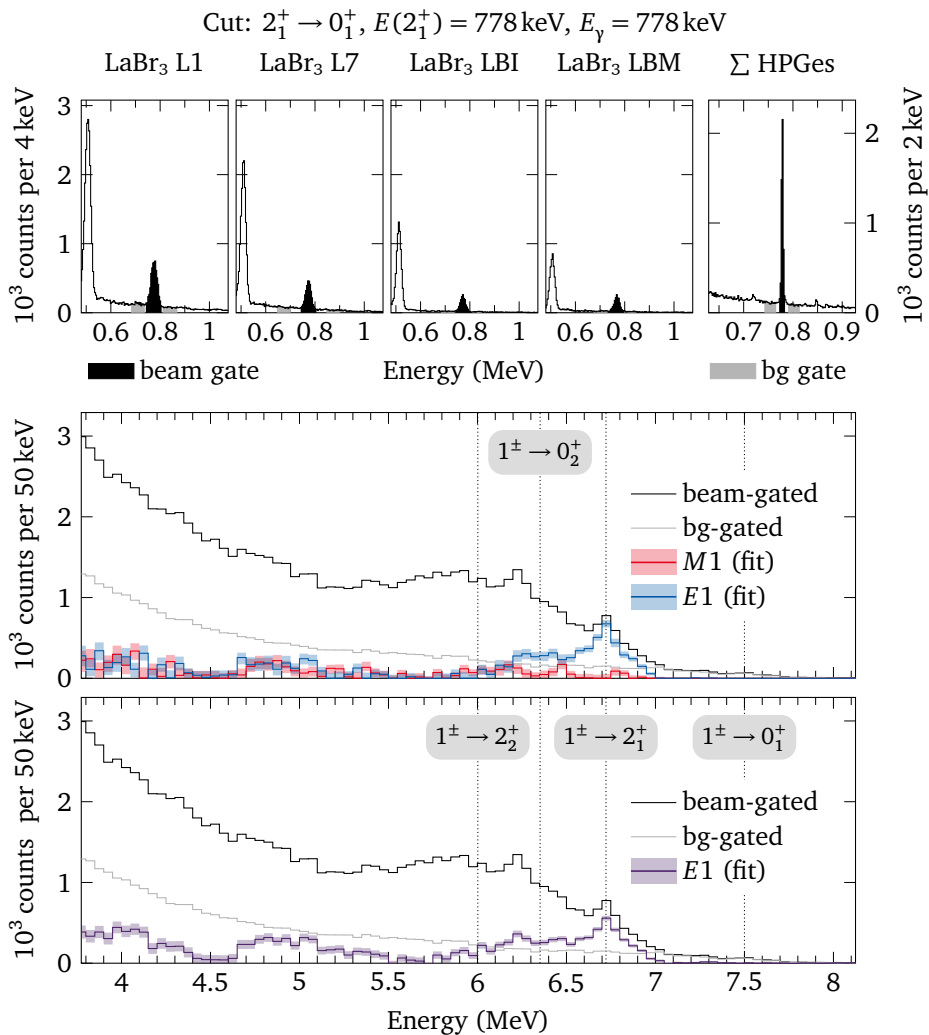


Figure 1.369: $E_{\text{beam}} = 7500 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

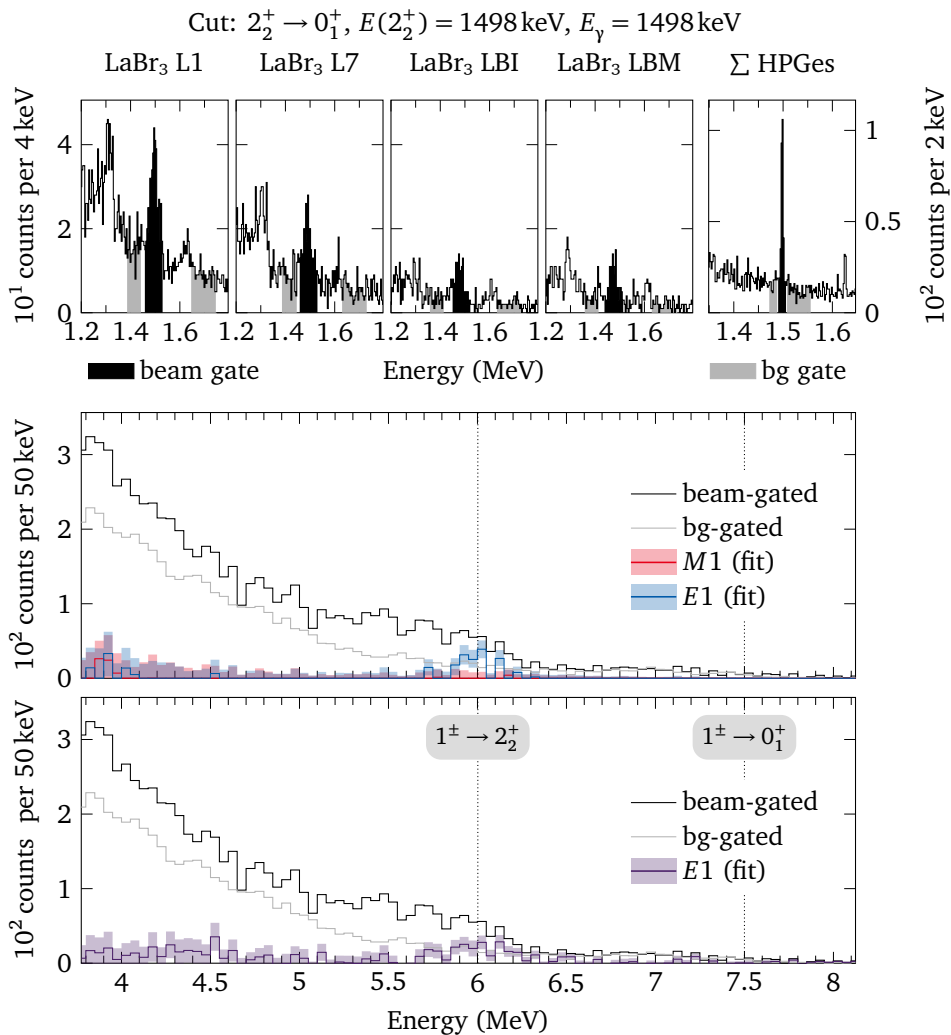


Figure 1.370: $E_{\text{beam}} = 7500 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

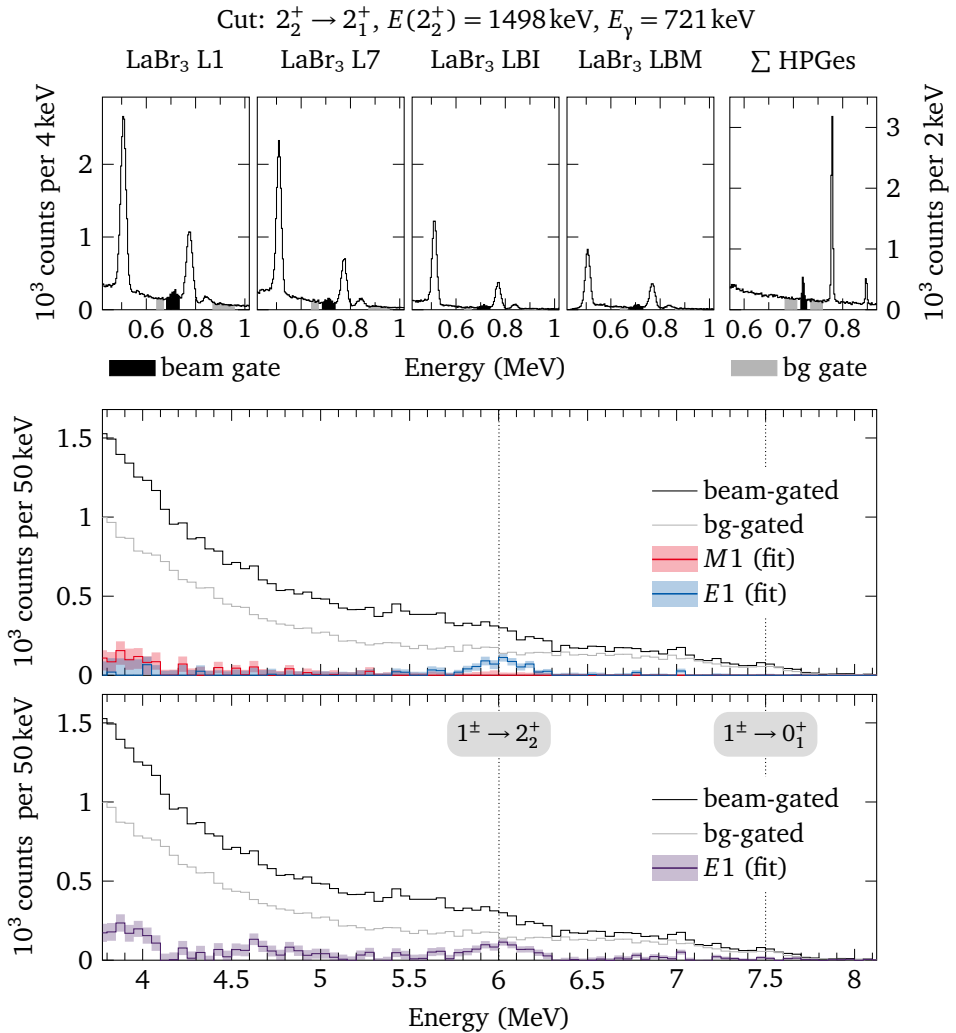


Figure 1.371: $E_{\text{beam}} = 7500 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

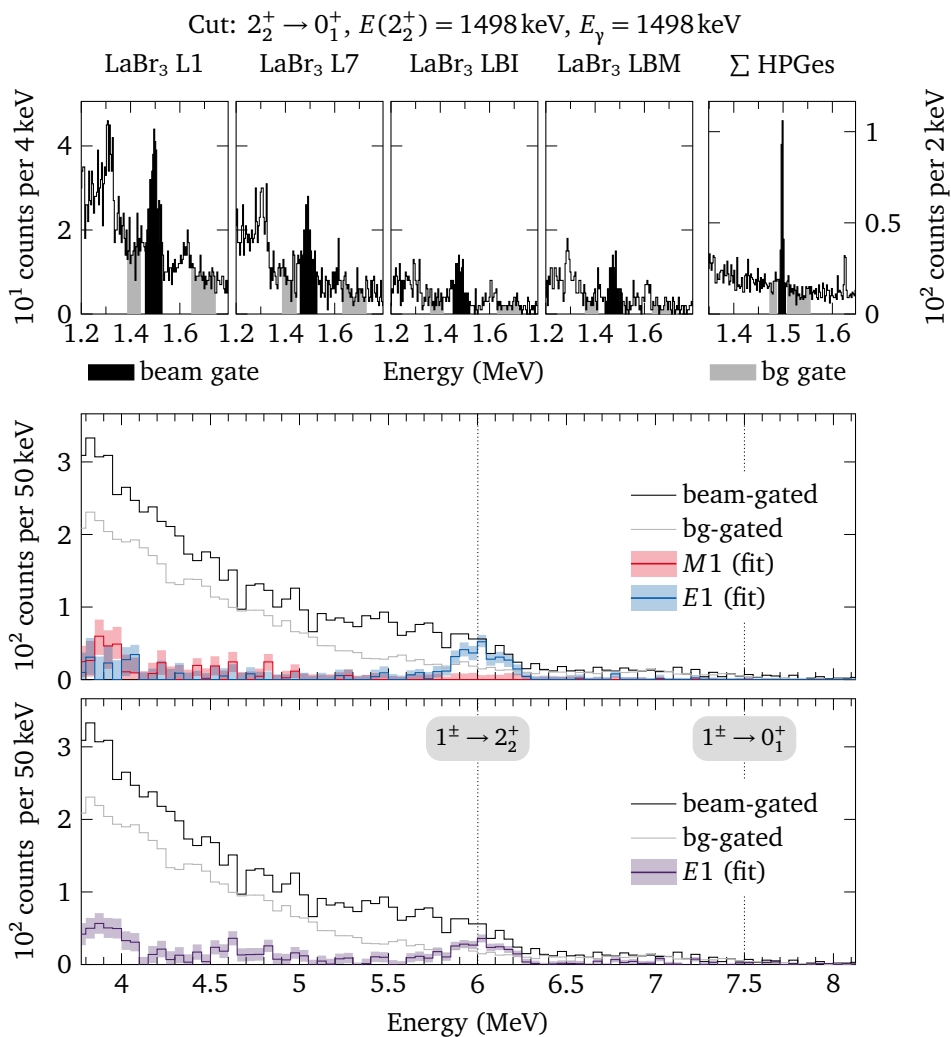


Figure 1.372: $E_{\text{beam}} = 7500 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

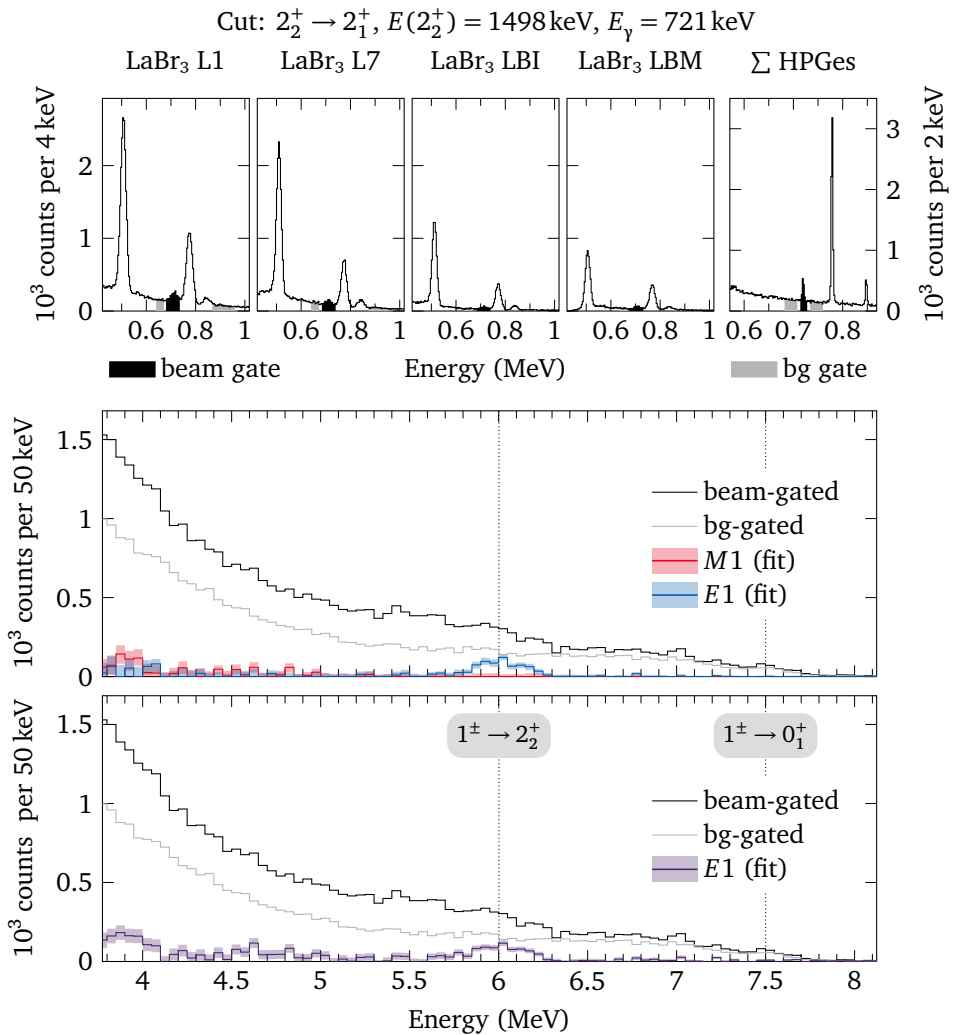


Figure 1.373: $E_{\text{beam}} = 7500 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

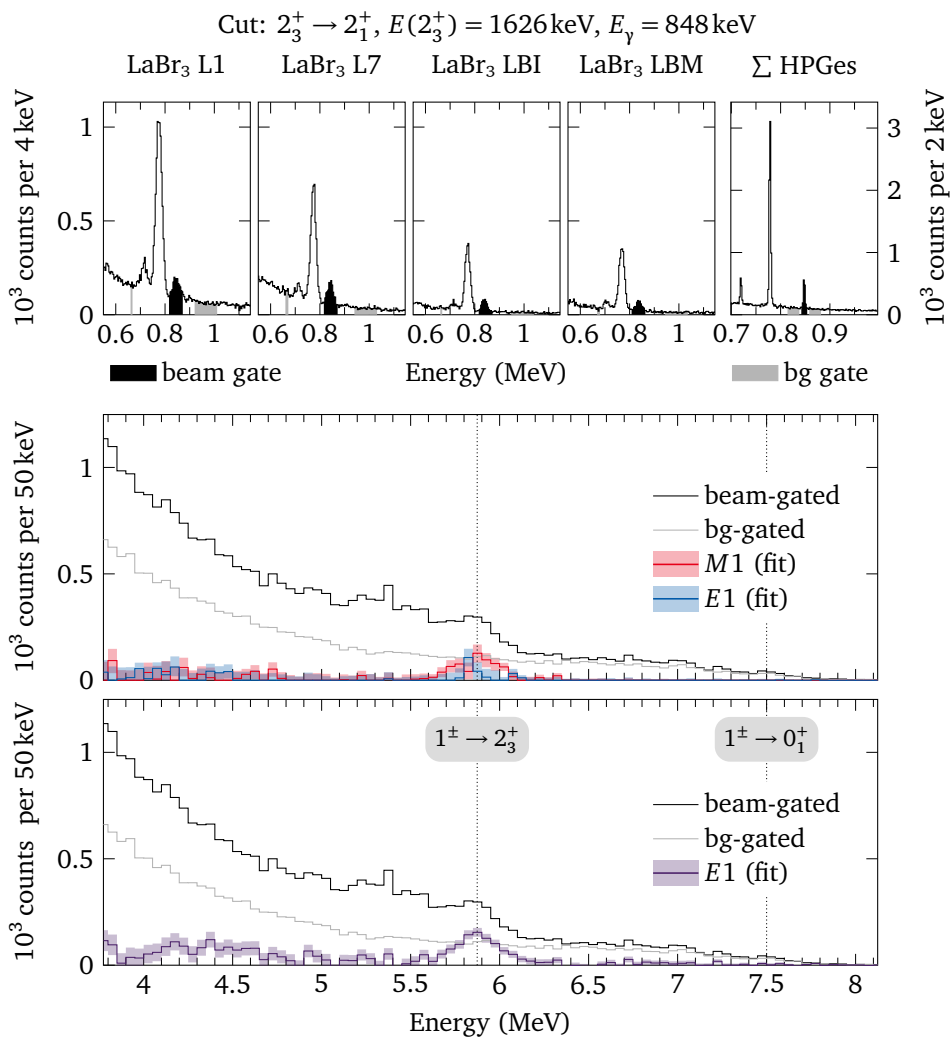


Figure 1.374: $E_{\text{beam}} = 7500 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

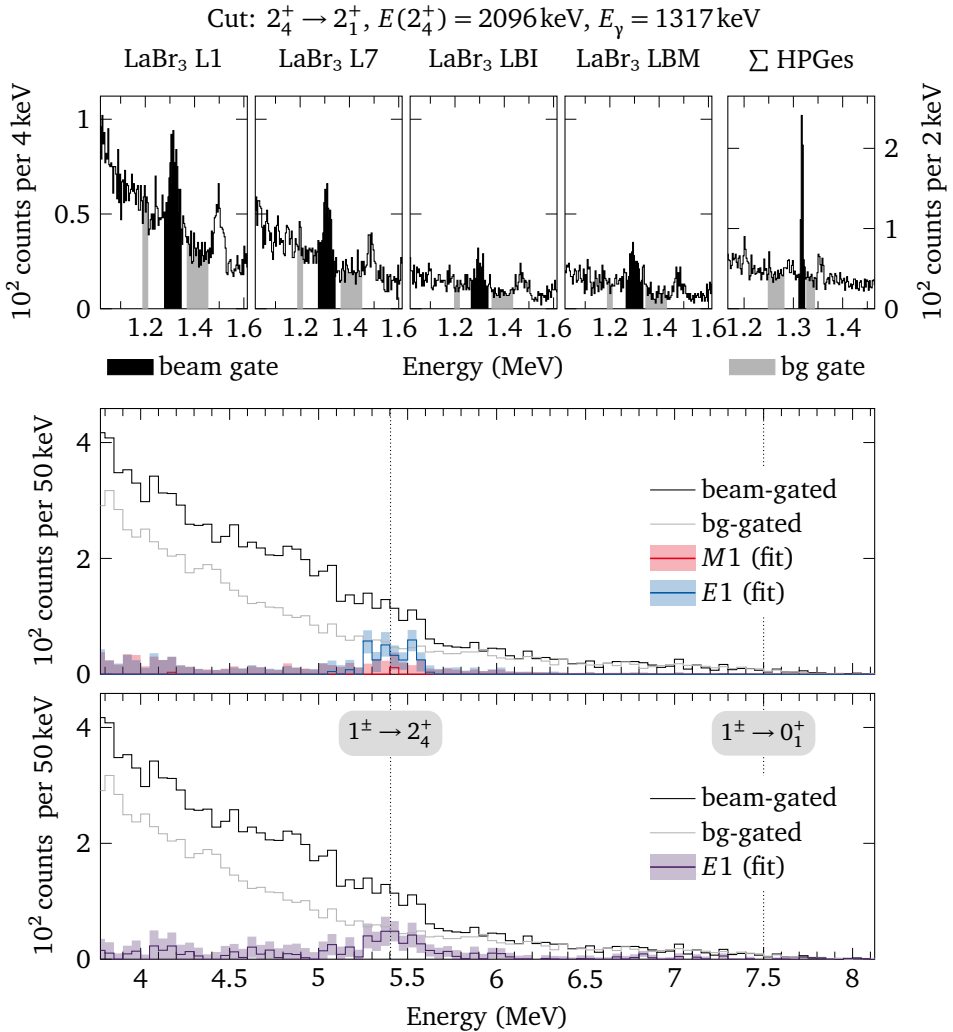


Figure 1.375: $E_{\text{beam}} = 7500 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

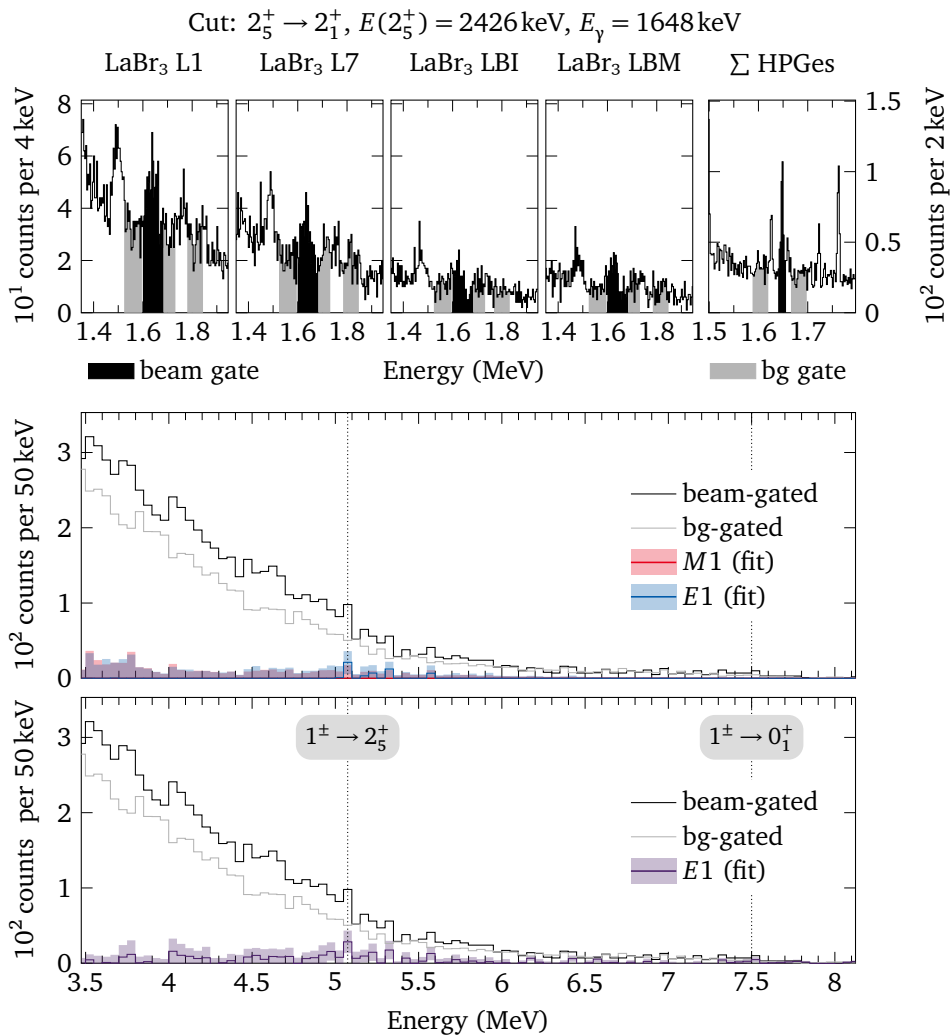


Figure 1.376: $E_{\text{beam}} = 7500 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

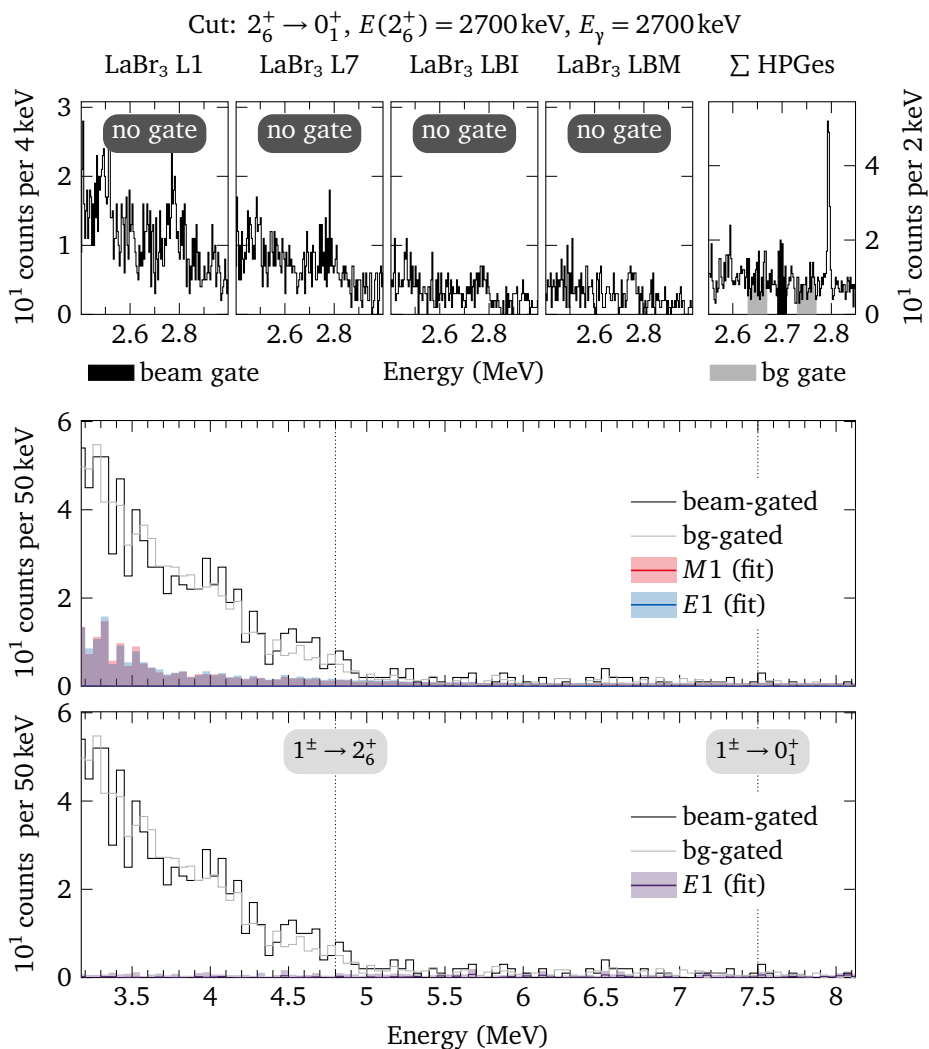


Figure 1.377: $E_{\text{beam}} = 7500 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

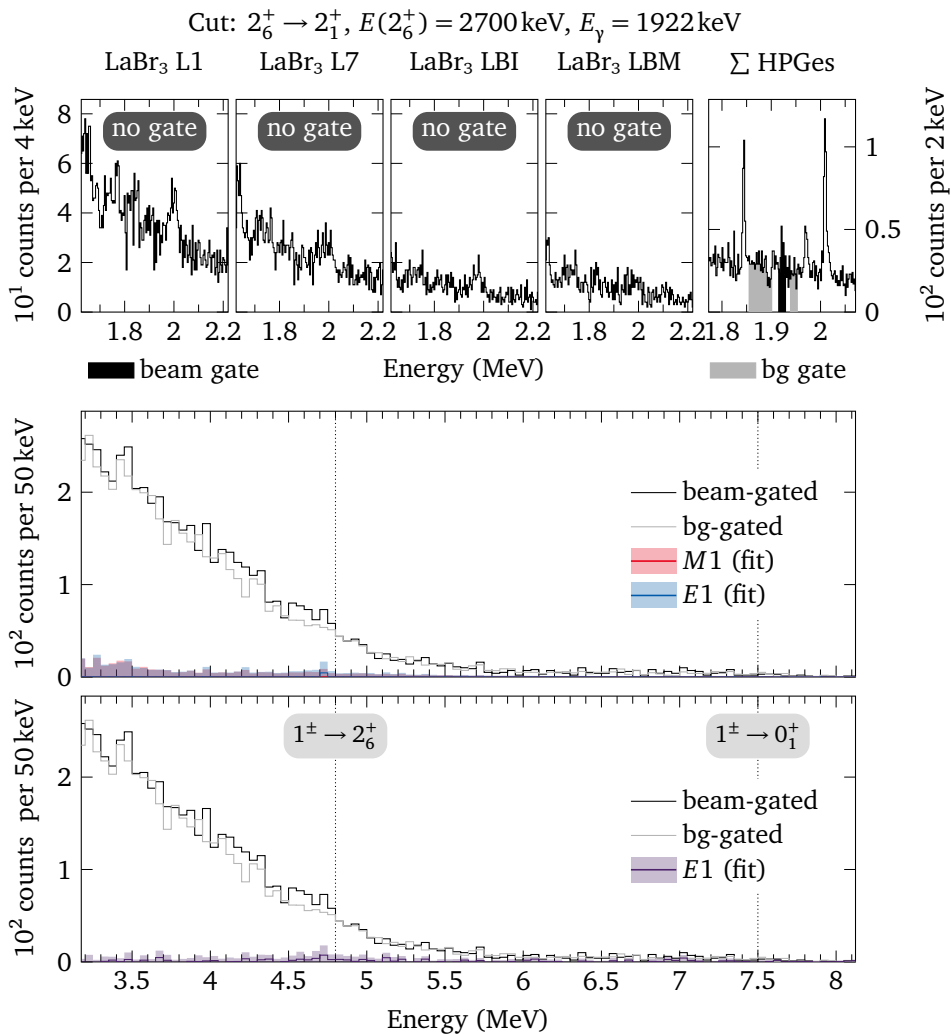


Figure 1.378: $E_{\text{beam}} = 7500 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

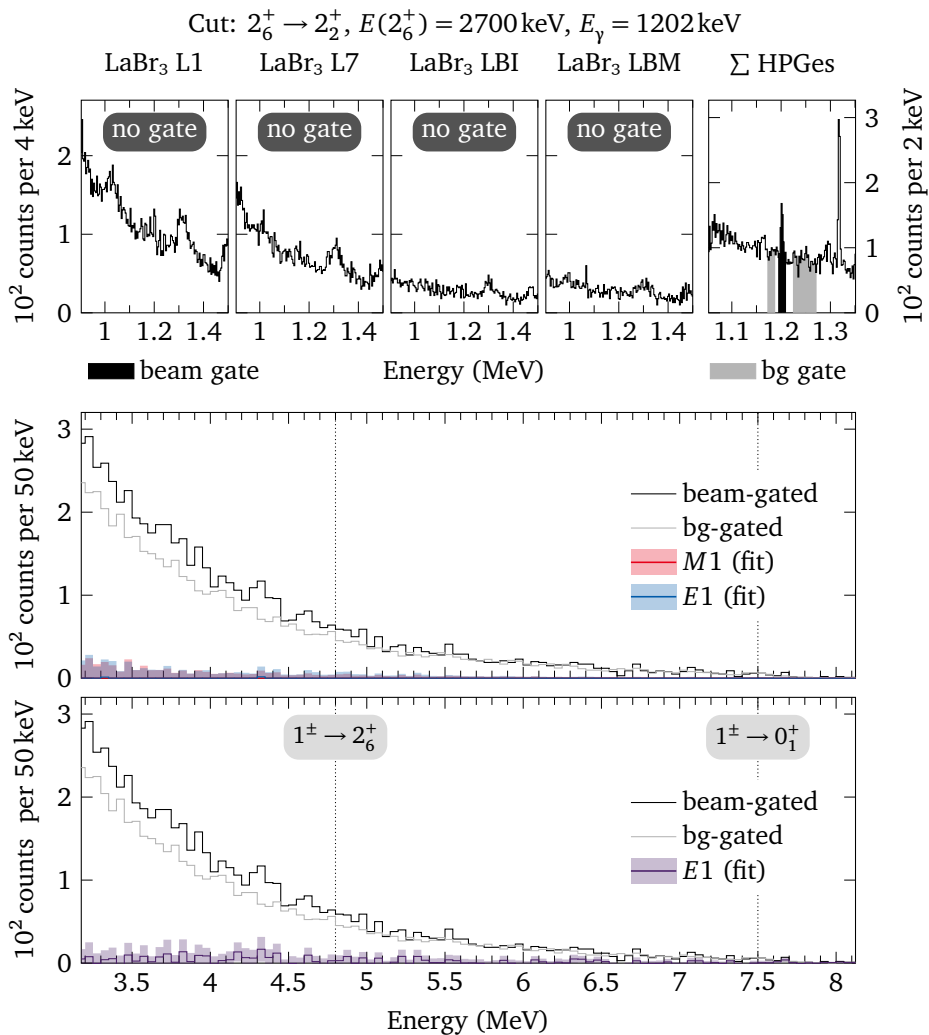


Figure 1.379: $E_{\text{beam}} = 7500 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

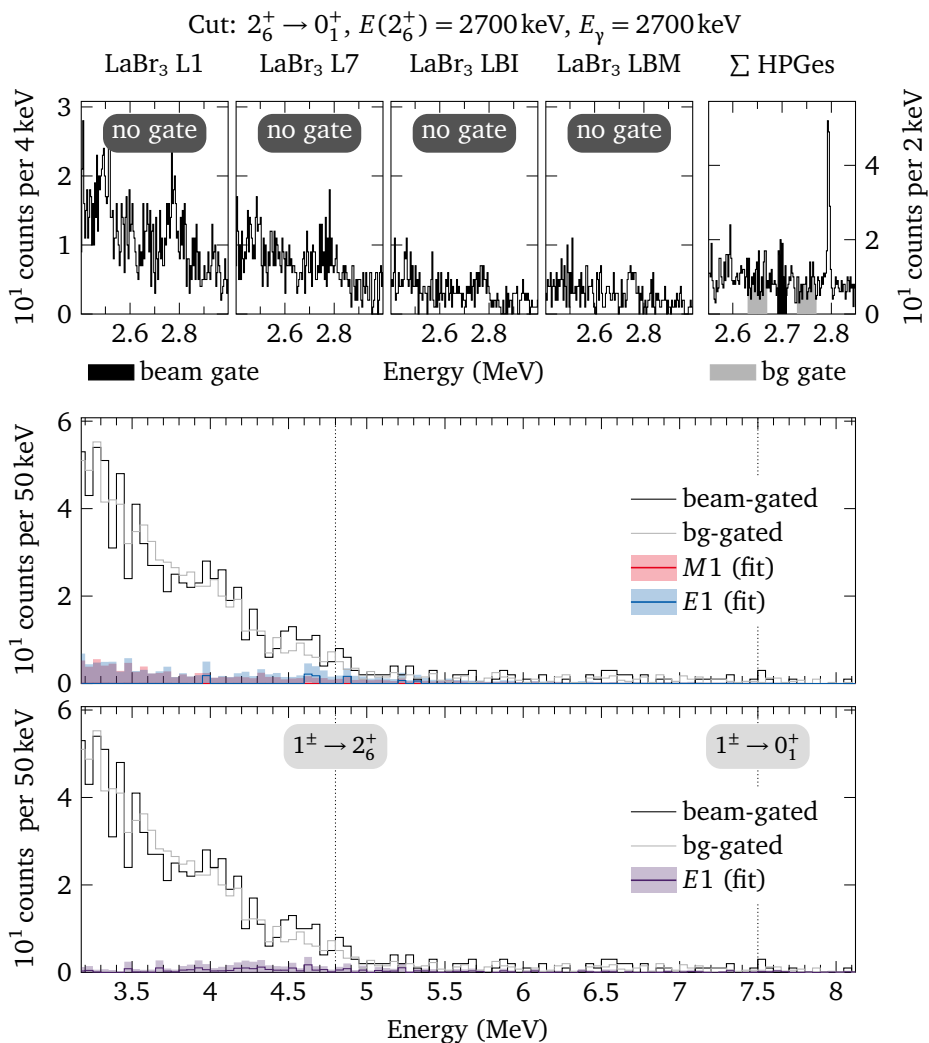


Figure 1.380: $E_{\text{beam}} = 7500 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

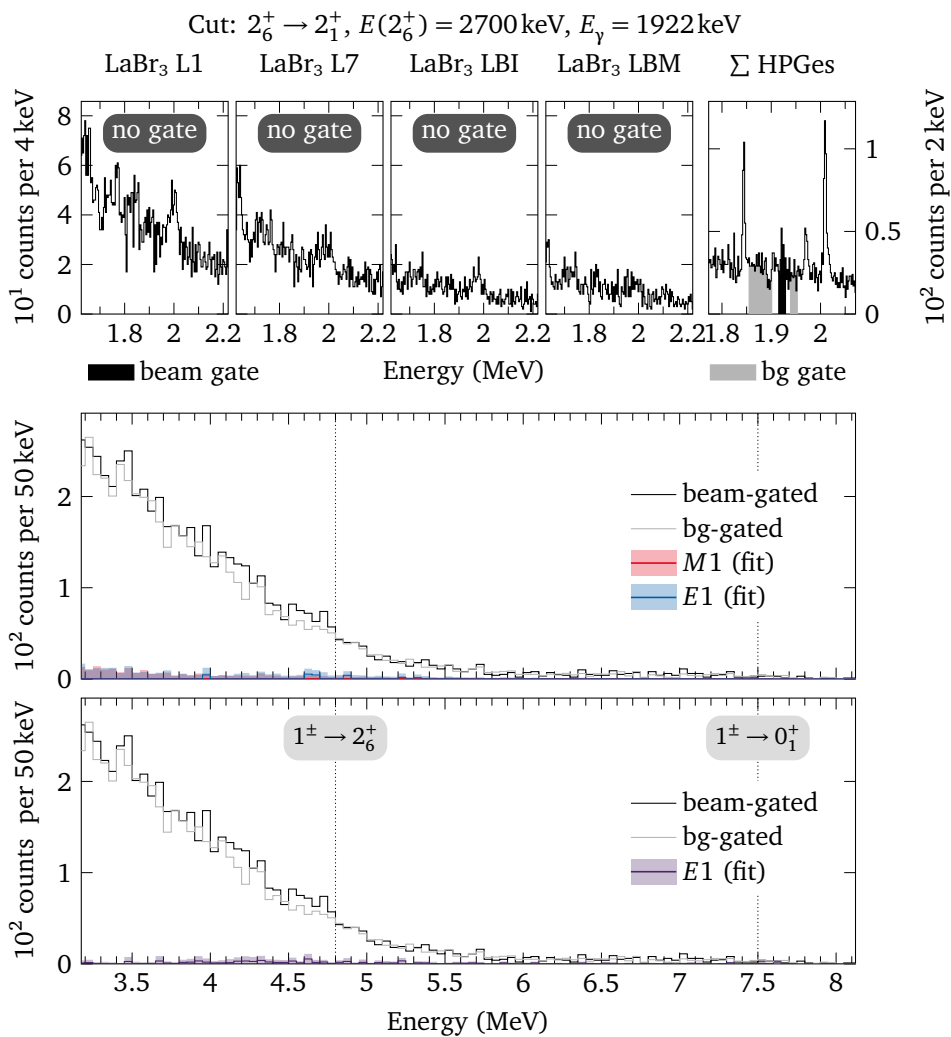


Figure 1.381: $E_{\text{beam}} = 7500 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

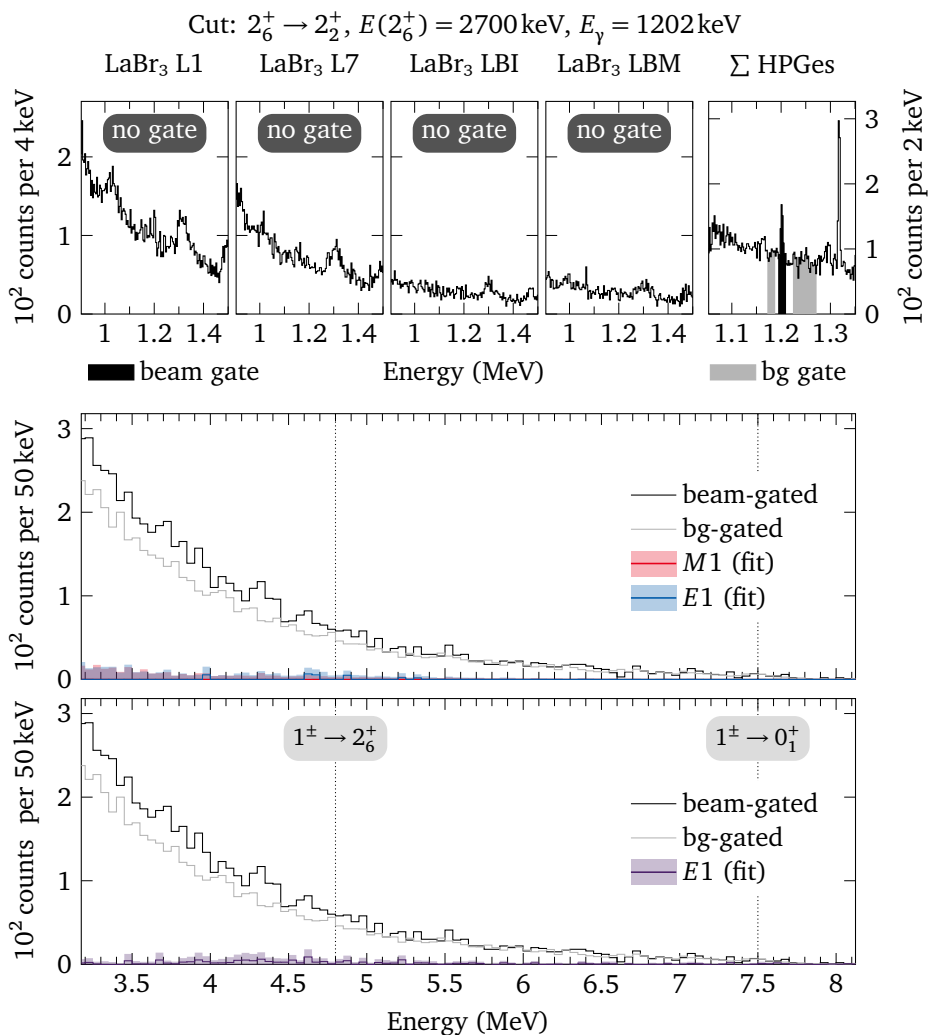


Figure 1.382: $E_{\text{beam}} = 7500 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

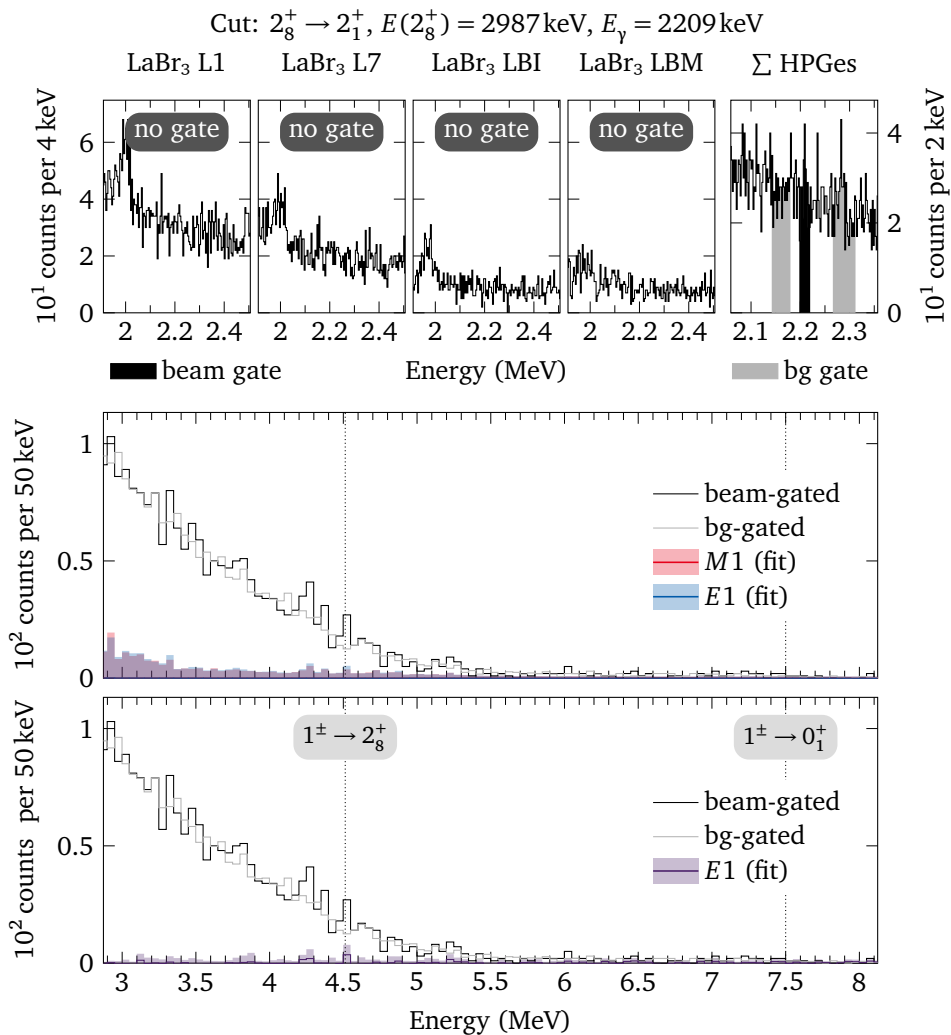


Figure 1.384: $E_{\text{beam}} = 7500 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

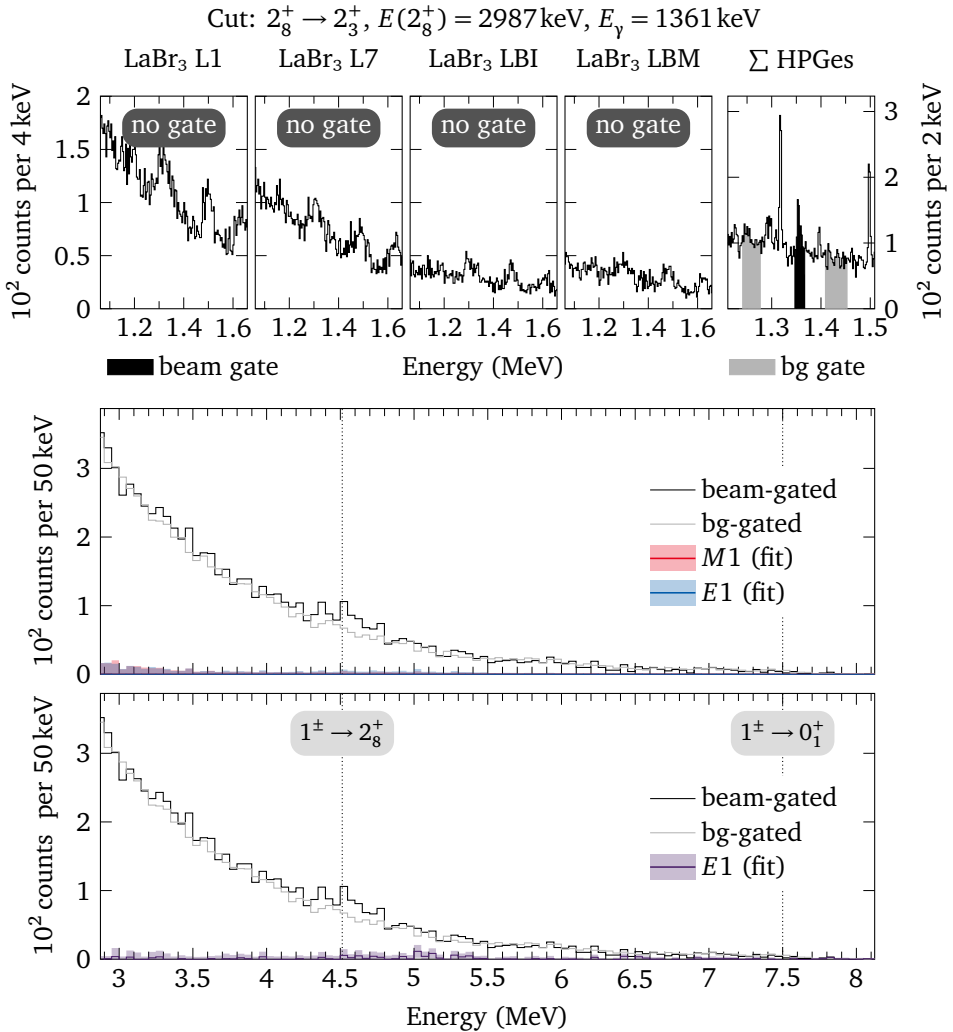


Figure 1.385: $E_{\text{beam}} = 7500 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

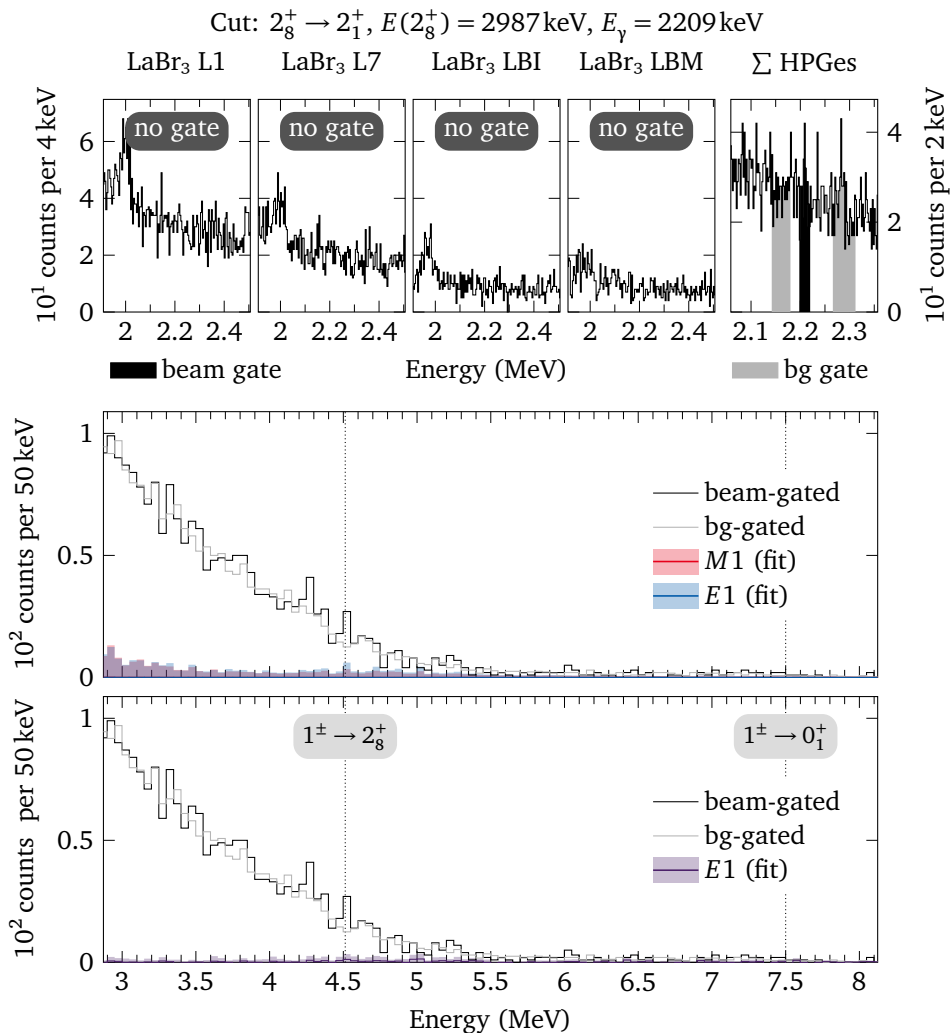


Figure 1.386: $E_{\text{beam}} = 7500 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

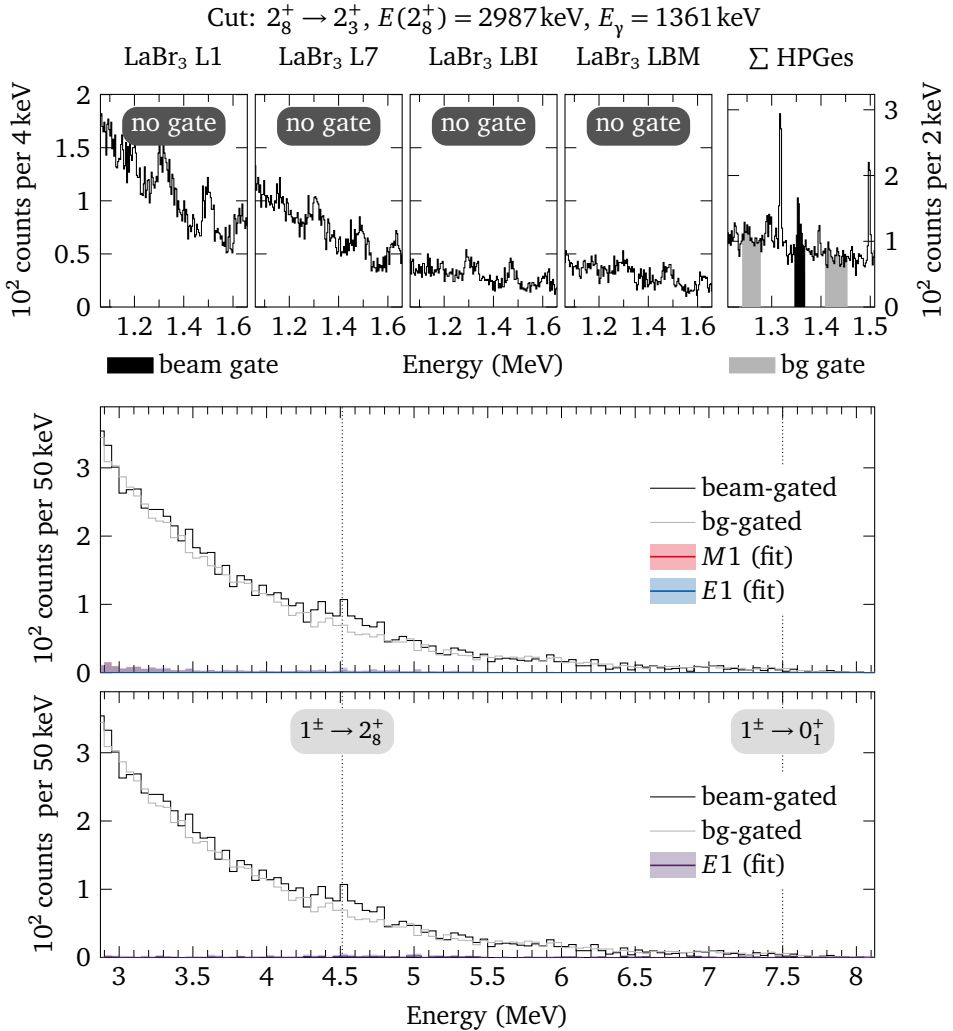


Figure 1.387: $E_{\text{beam}} = 7500 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

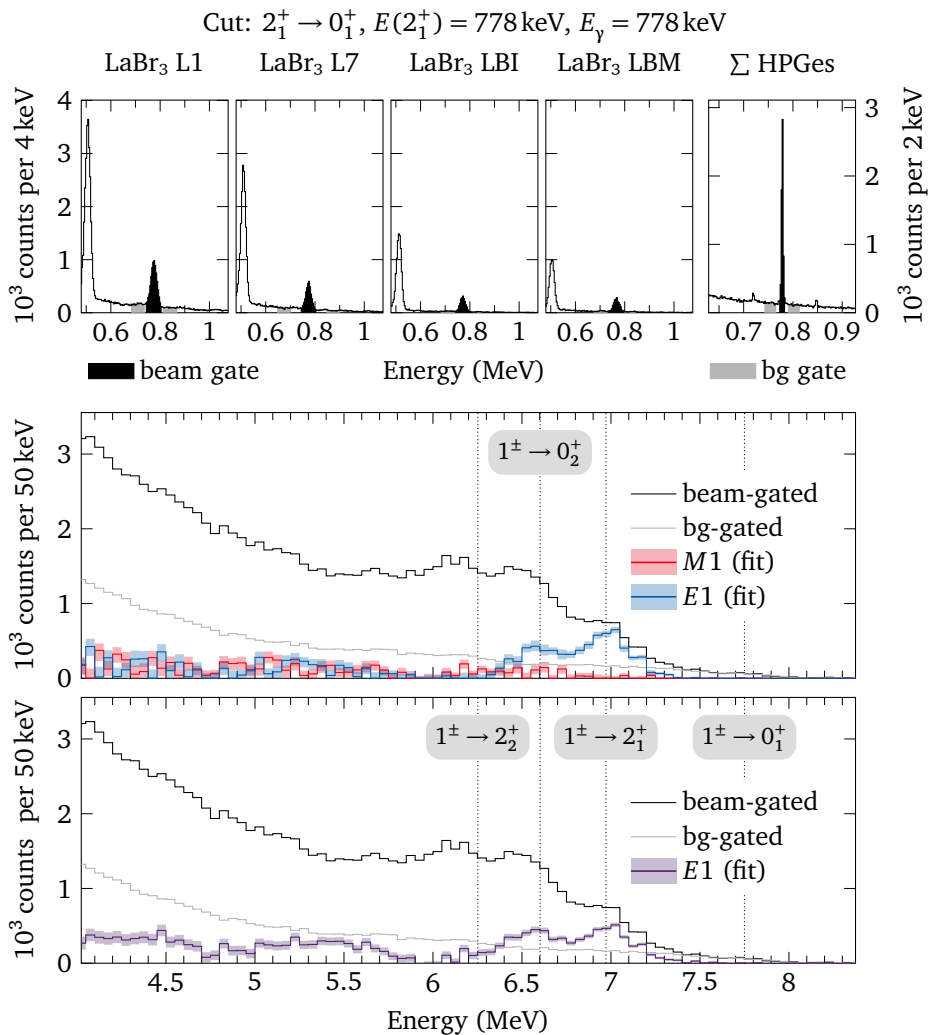


Figure 1.392: $E_{\text{beam}} = 7750 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

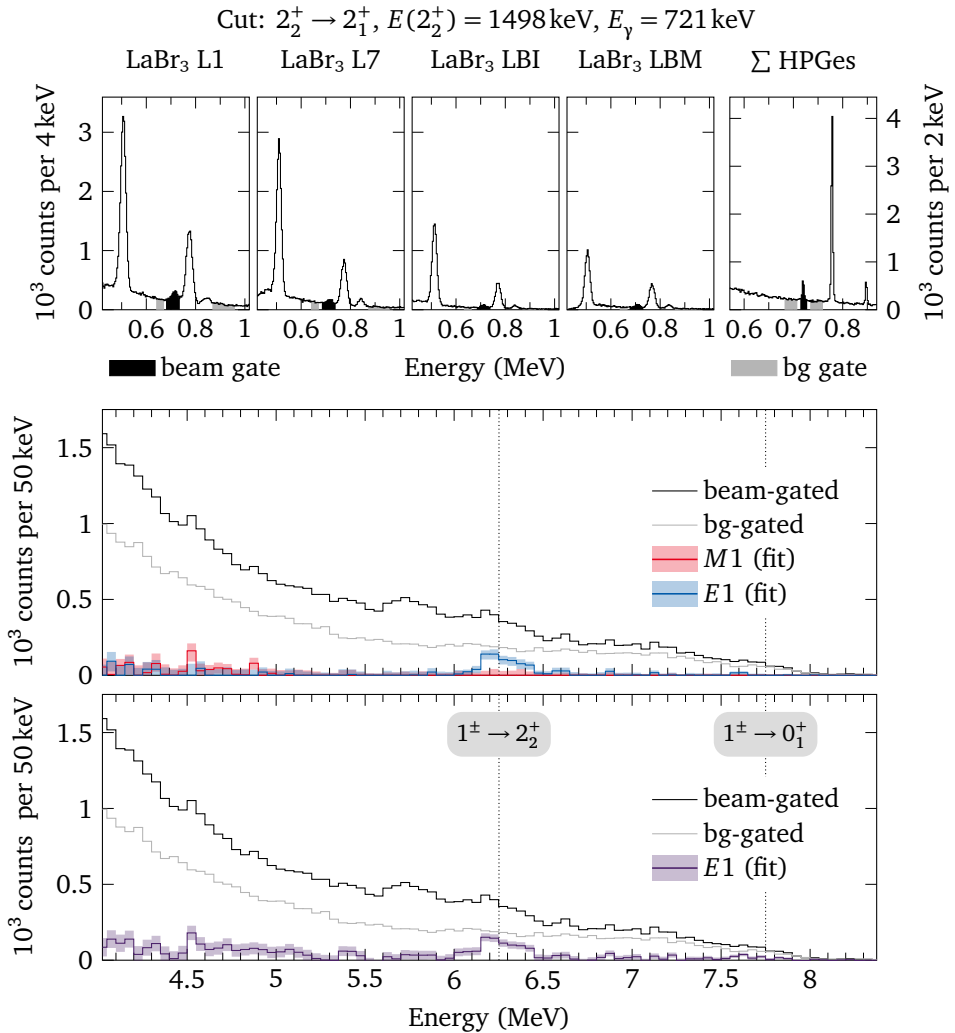


Figure 1.394: $E_{\text{beam}} = 7750 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

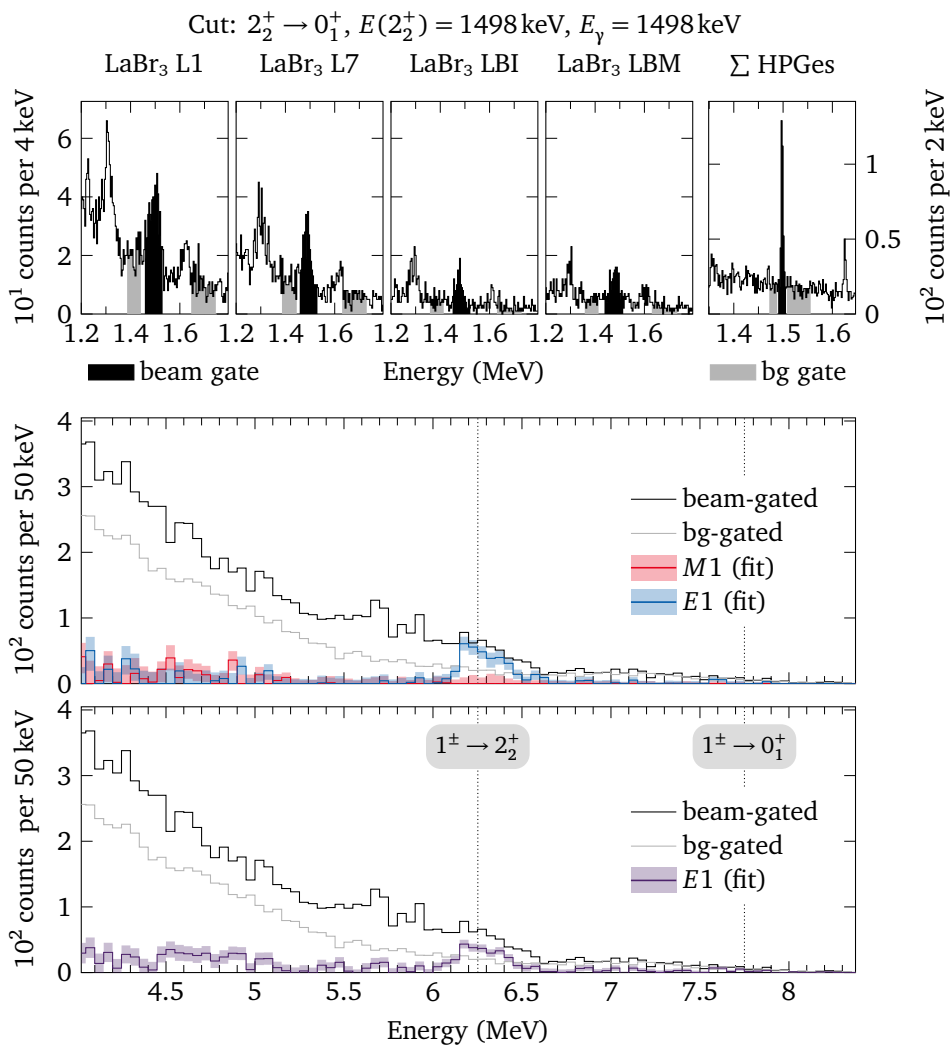


Figure 1.395: $E_{\text{beam}} = 7750 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

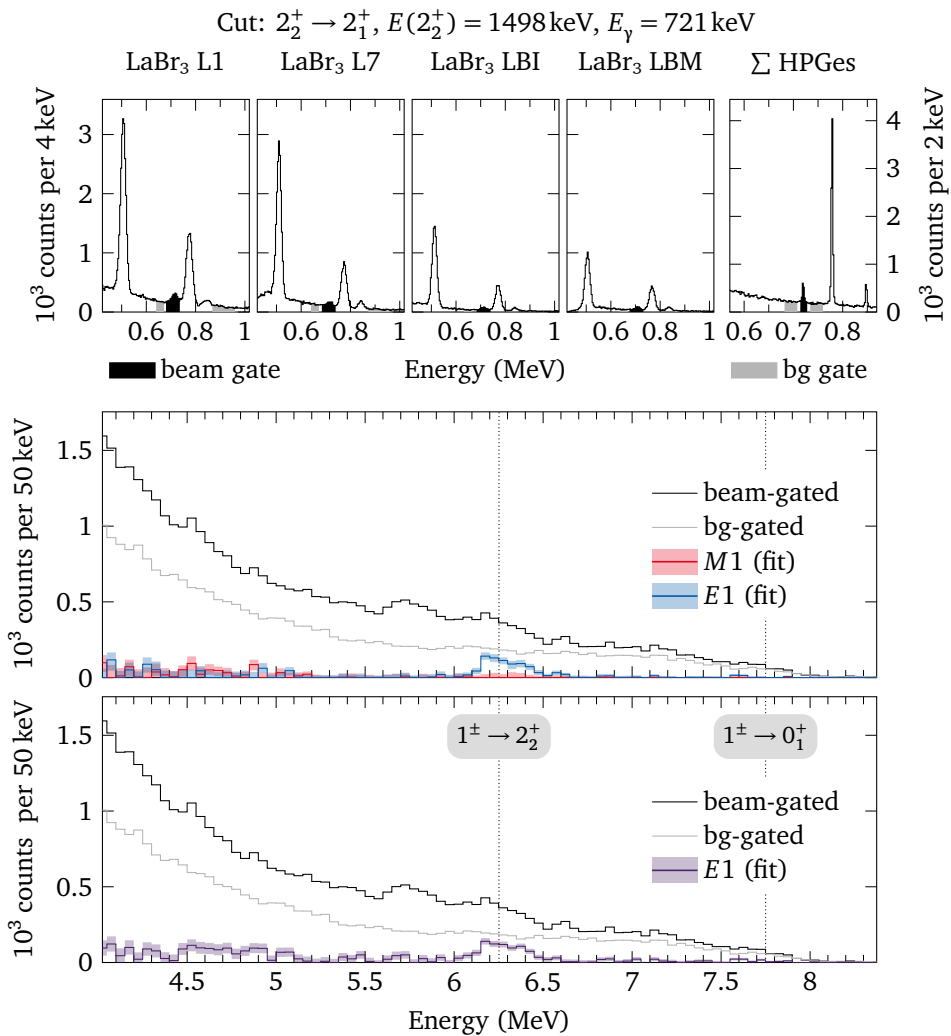


Figure 1.396: $E_{\text{beam}} = 7750 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

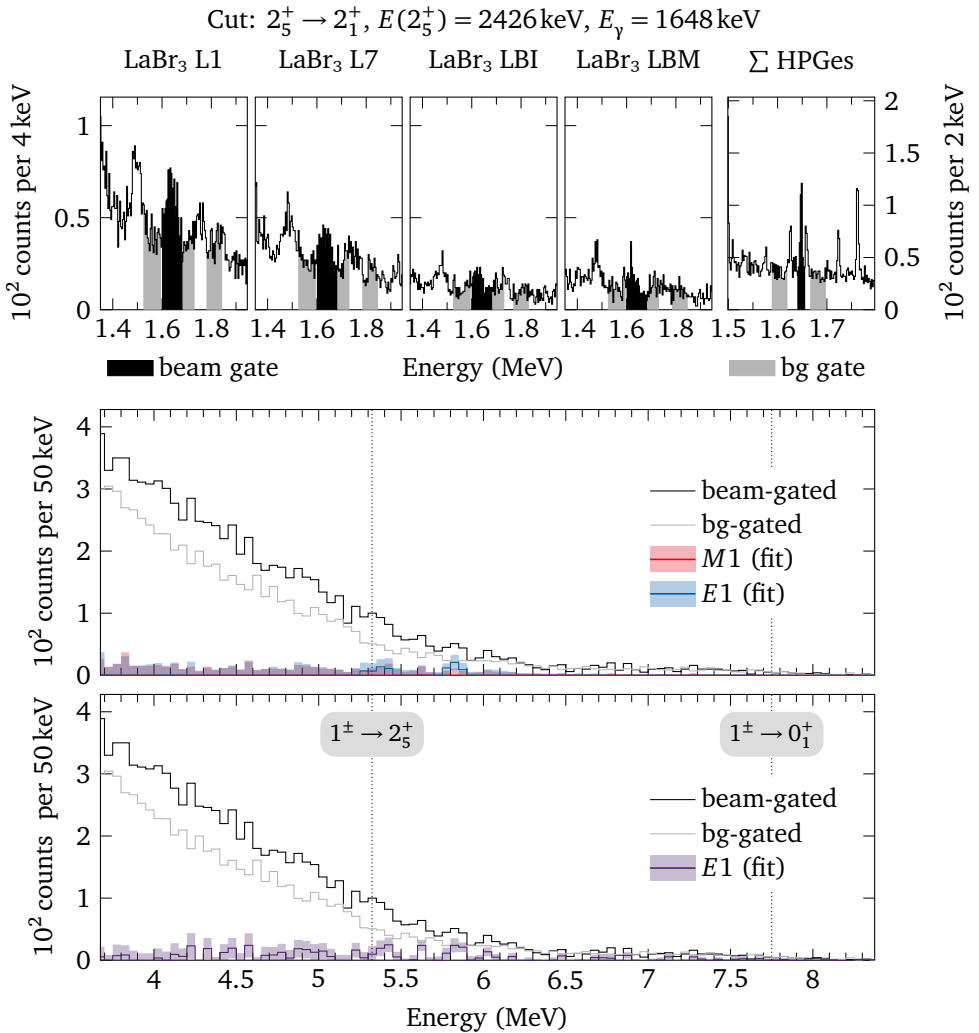


Figure 1.399: $E_{\text{beam}} = 7750 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

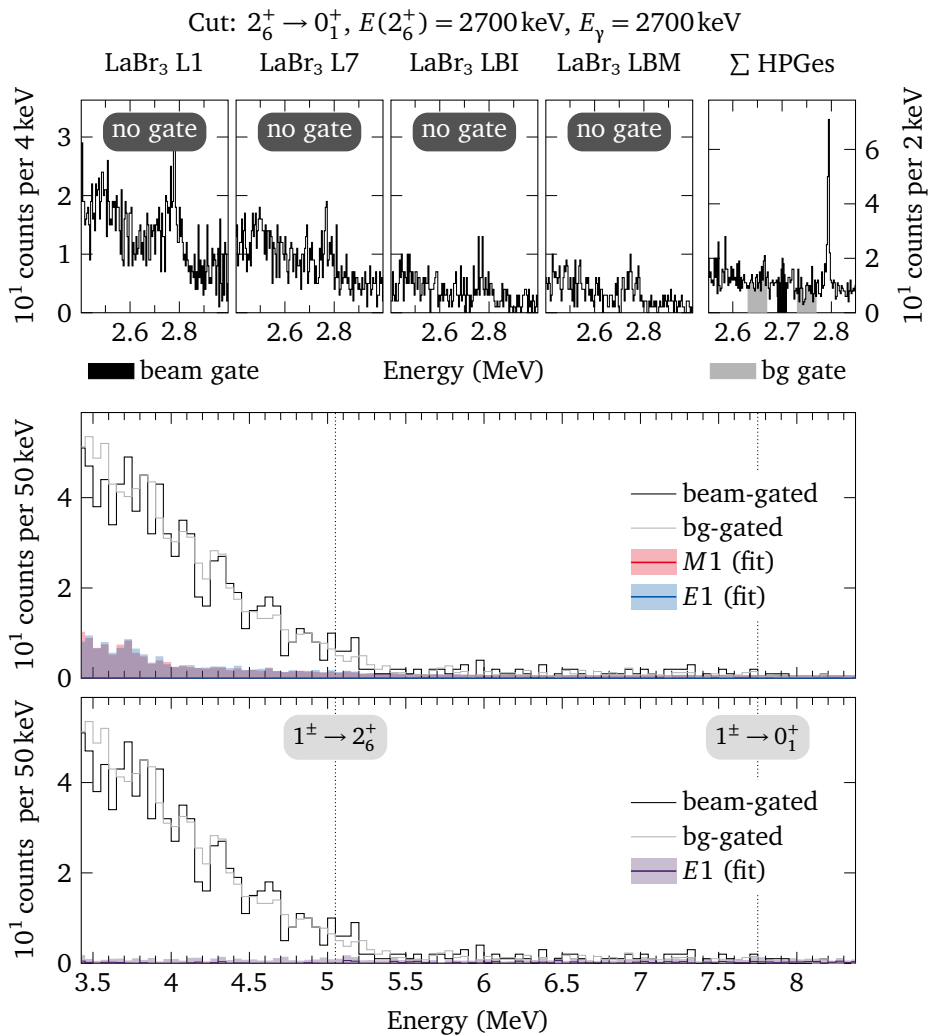


Figure 1.400: $E_{\text{beam}} = 7750 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

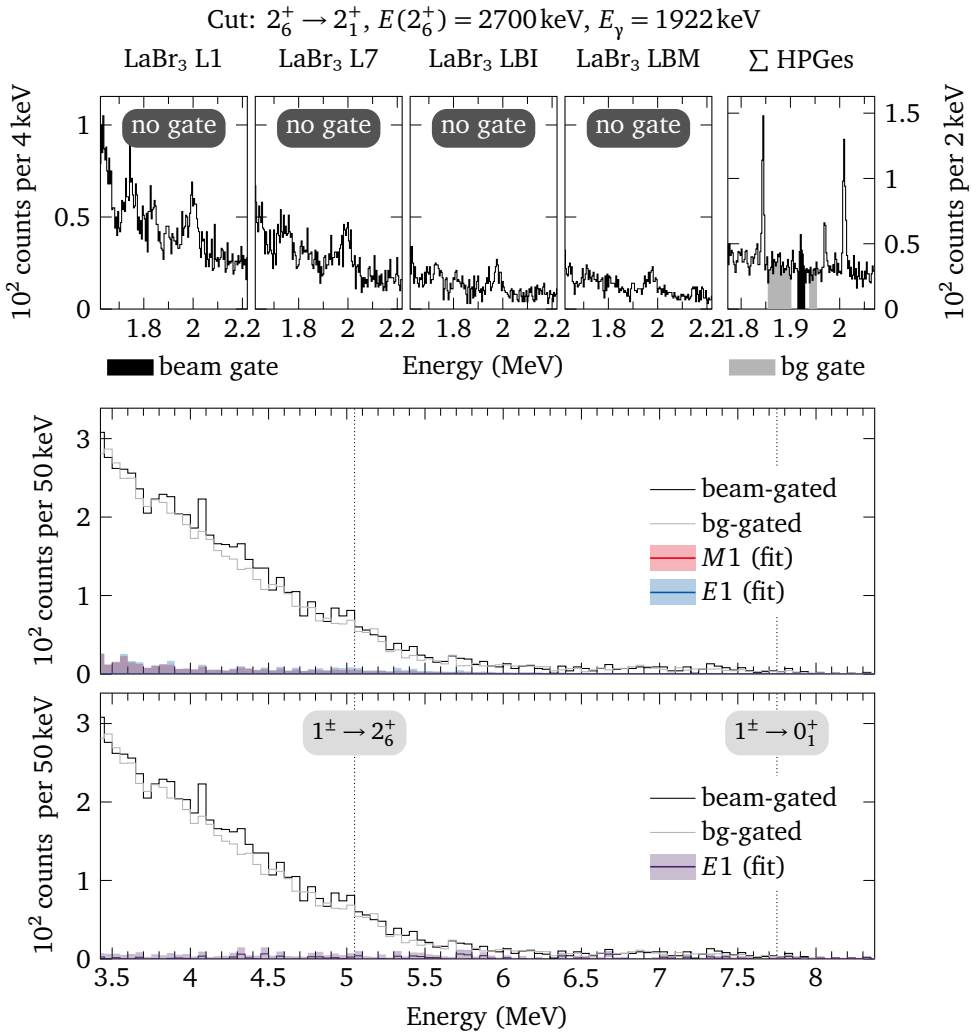


Figure 1.401: $E_{\text{beam}} = 7750 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

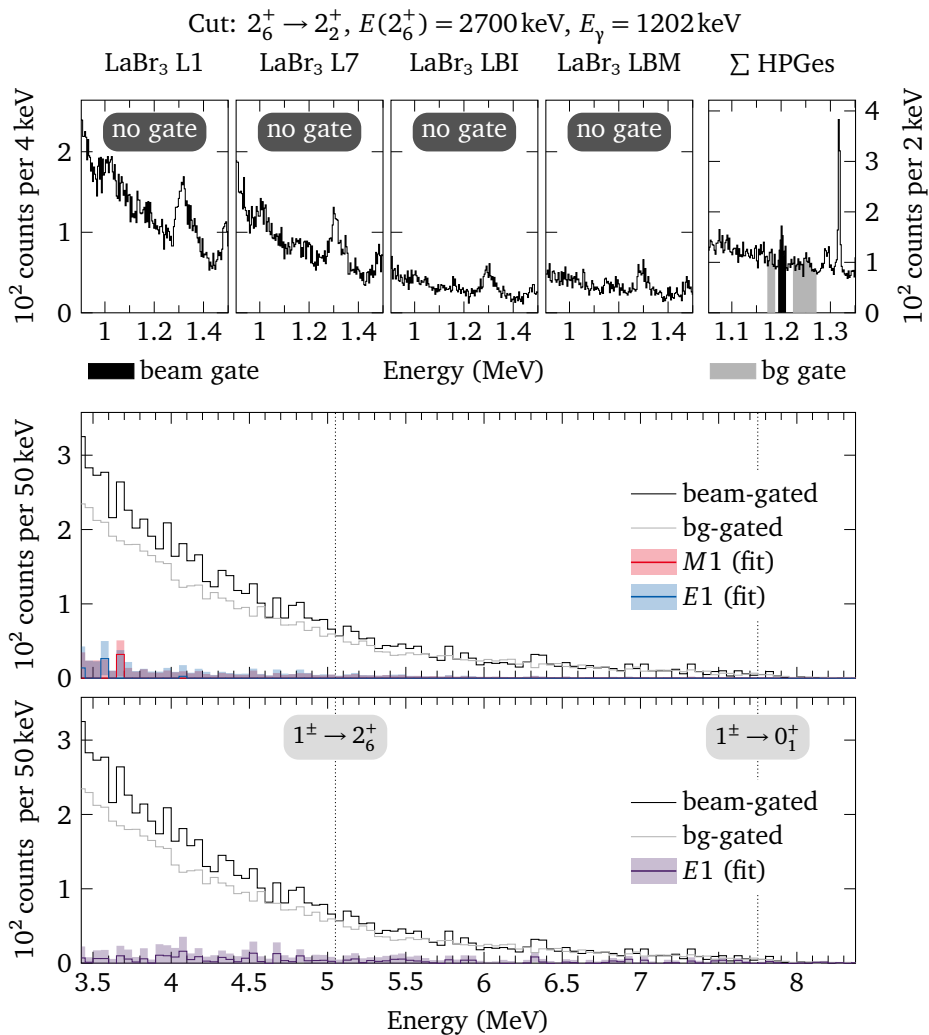


Figure 1.402: $E_{\text{beam}} = 7750 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

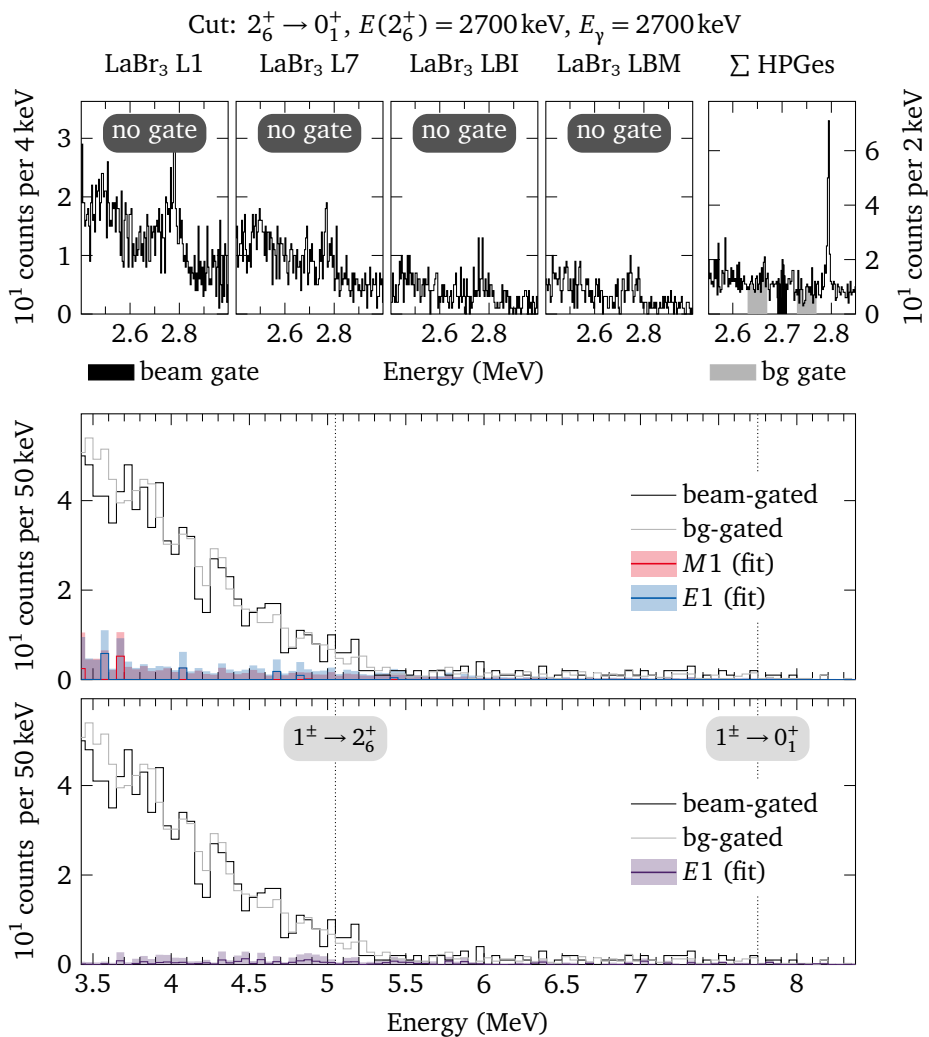


Figure 1.403: $E_{\text{beam}} = 7750 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

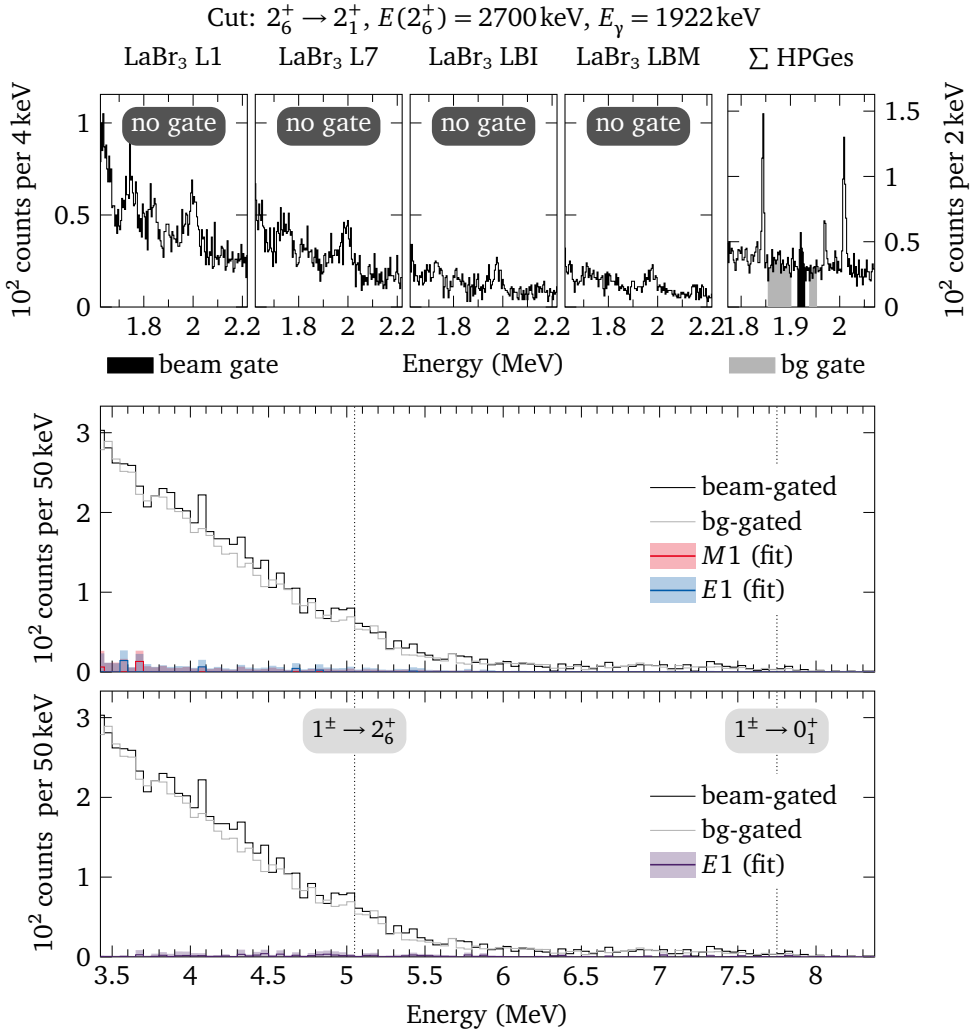


Figure 1.404: $E_{\text{beam}} = 7750 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

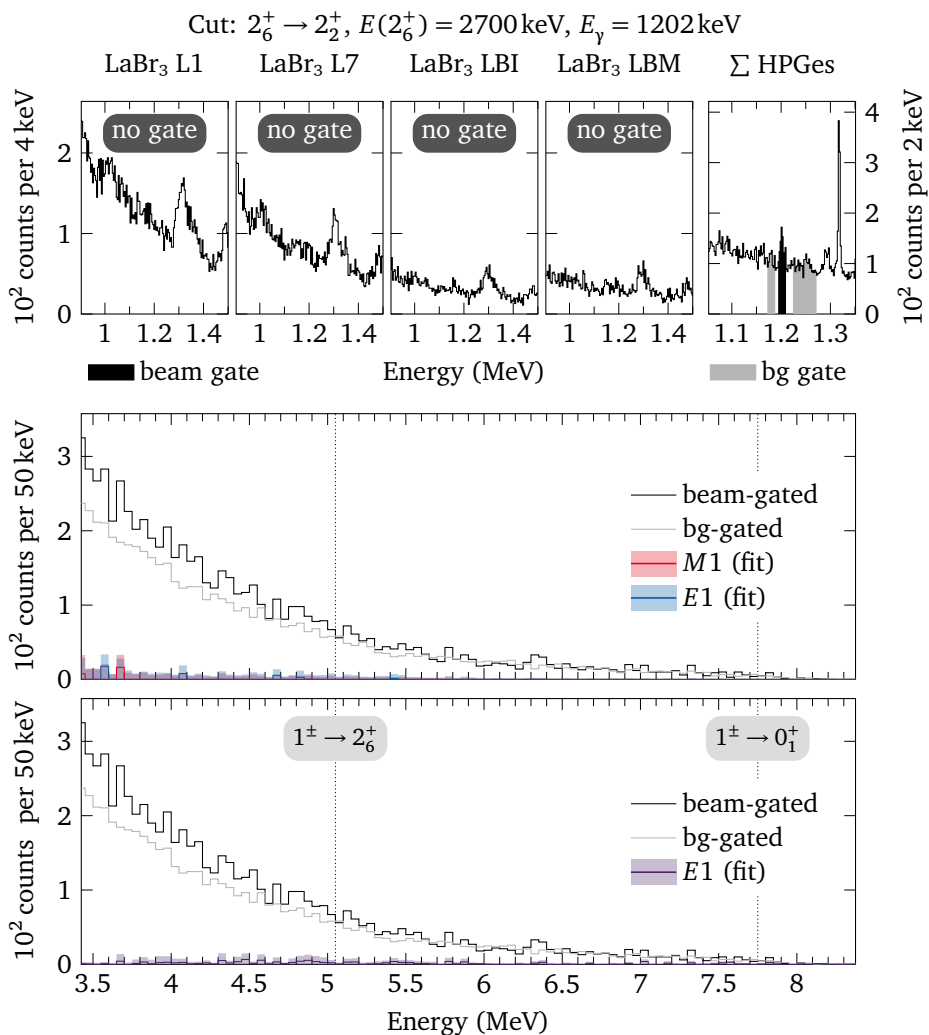


Figure 1.405: $E_{\text{beam}} = 7750 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

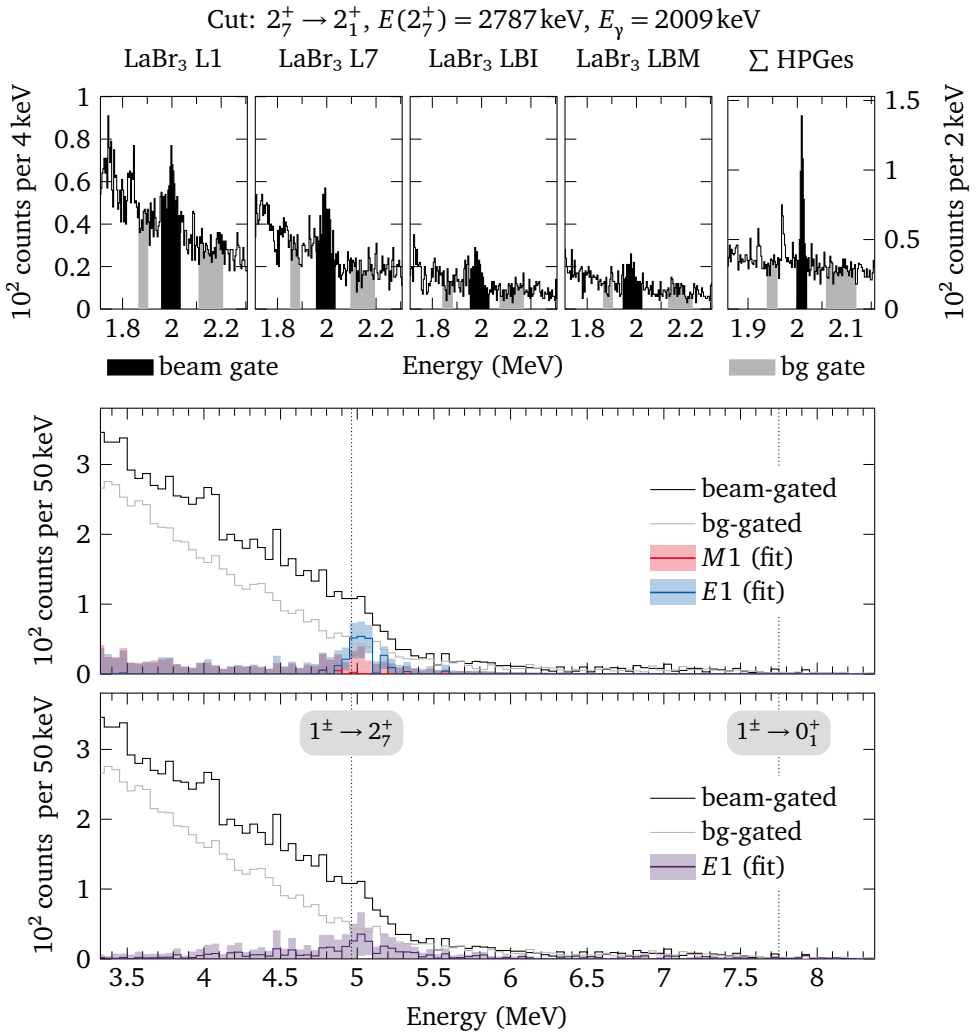


Figure 1.406: $E_{\text{beam}} = 7750 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

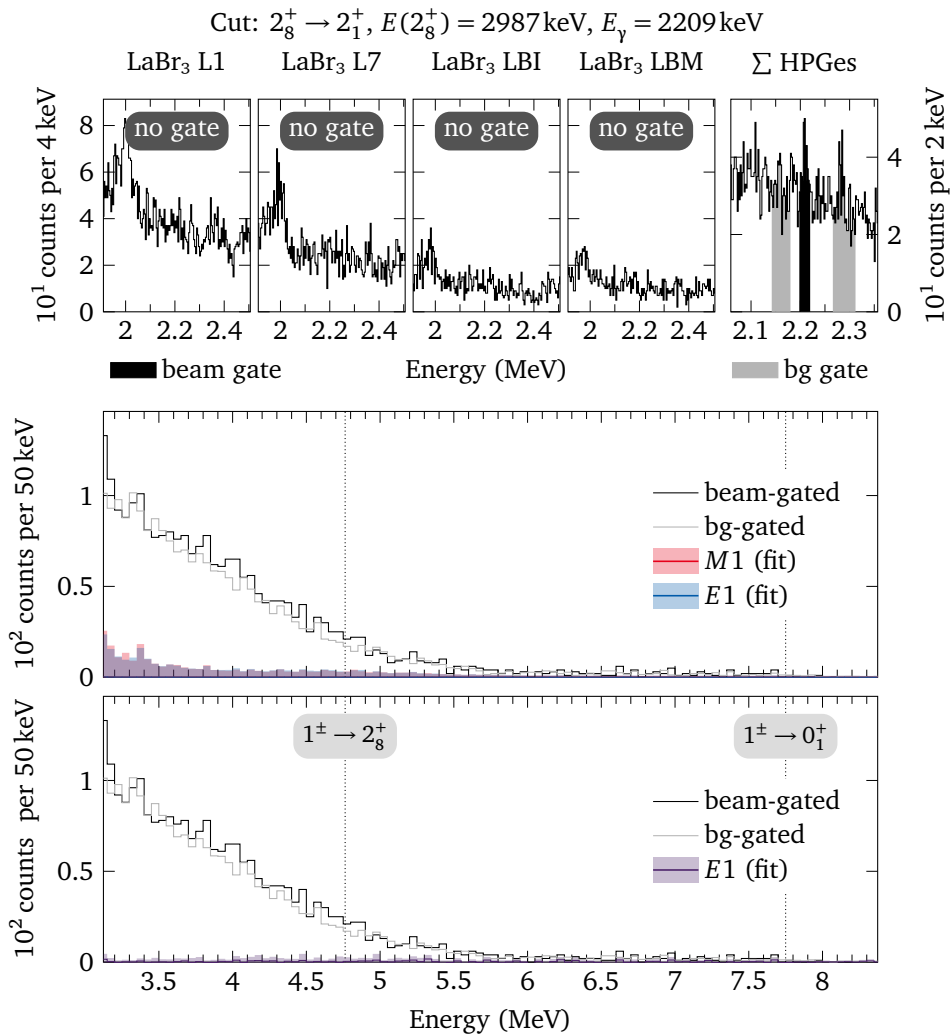


Figure 1.407: $E_{\text{beam}} = 7750 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

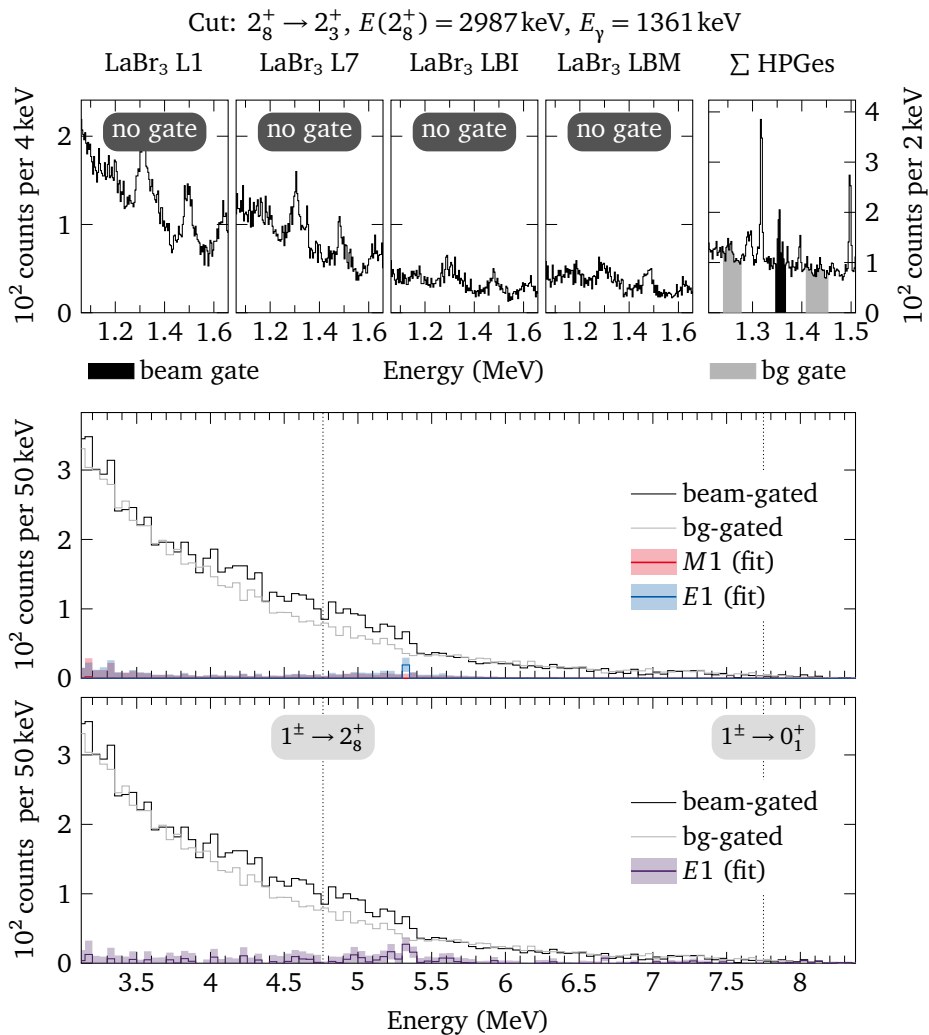


Figure 1.408: $E_{\text{beam}} = 7750 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

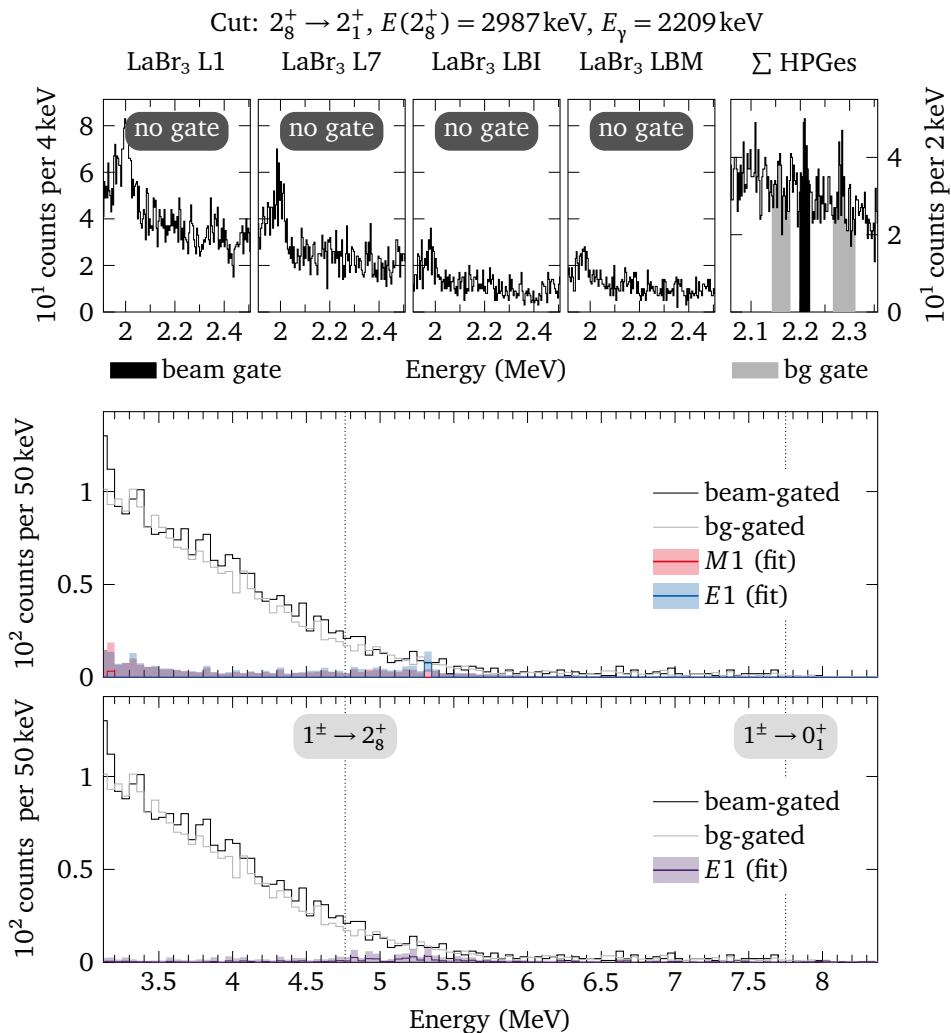


Figure 1.409: $E_{\text{beam}} = 7750 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

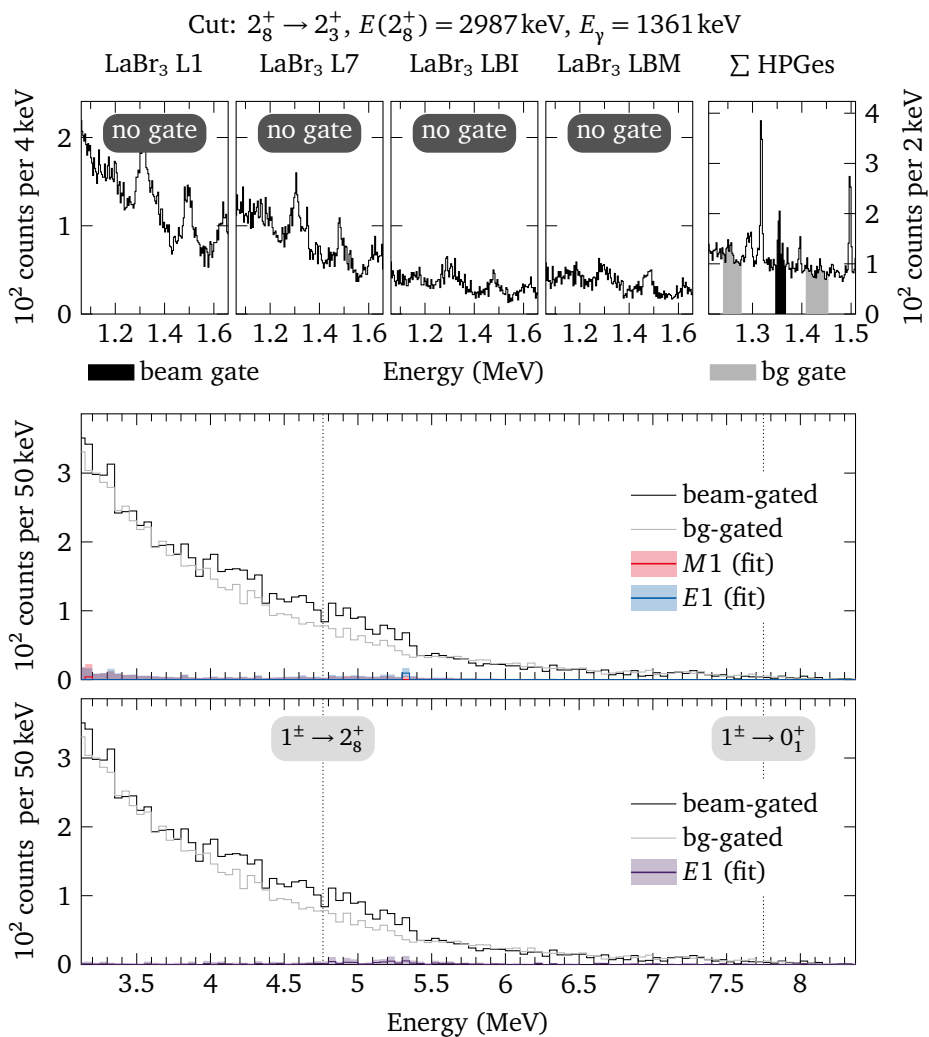


Figure 1.410: $E_{\text{beam}} = 7750 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

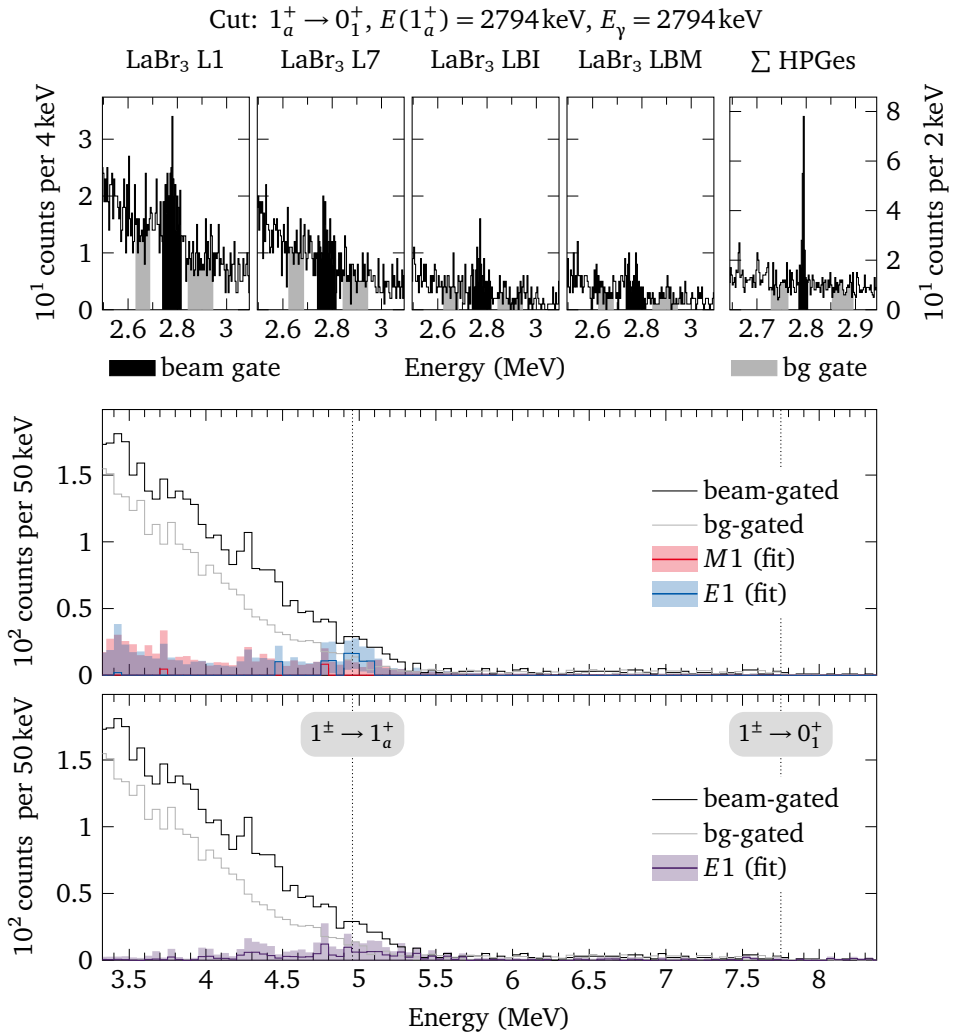


Figure 1.412: $E_{\text{beam}} = 7750 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

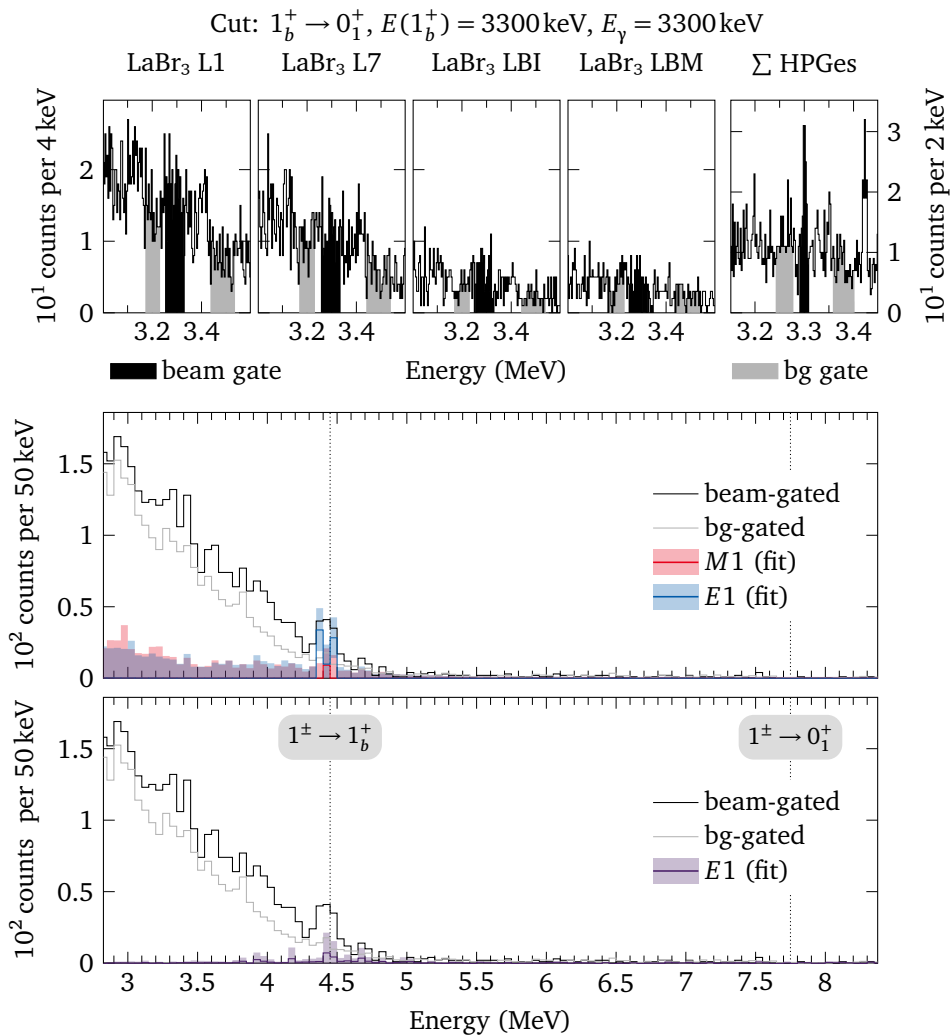


Figure 1.413: $E_{\text{beam}} = 7750 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

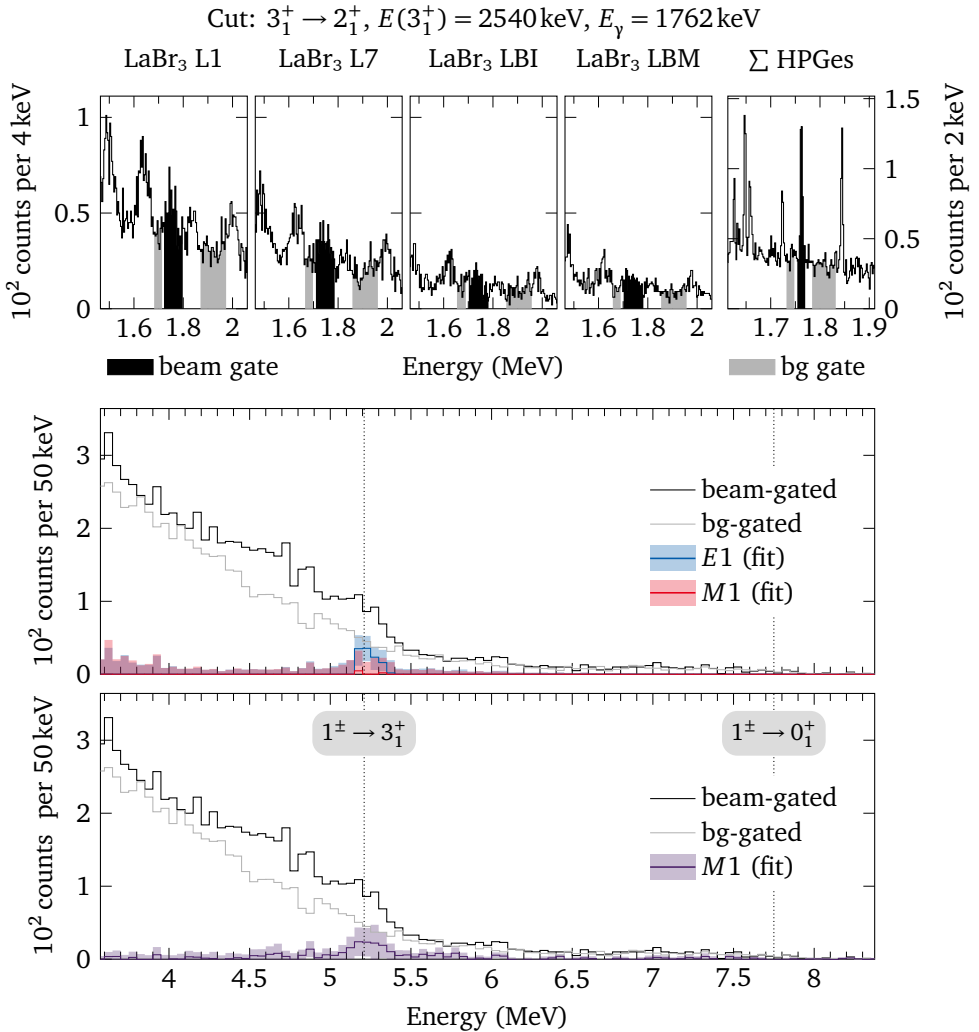


Figure 1.414: $E_{\text{beam}} = 7750 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

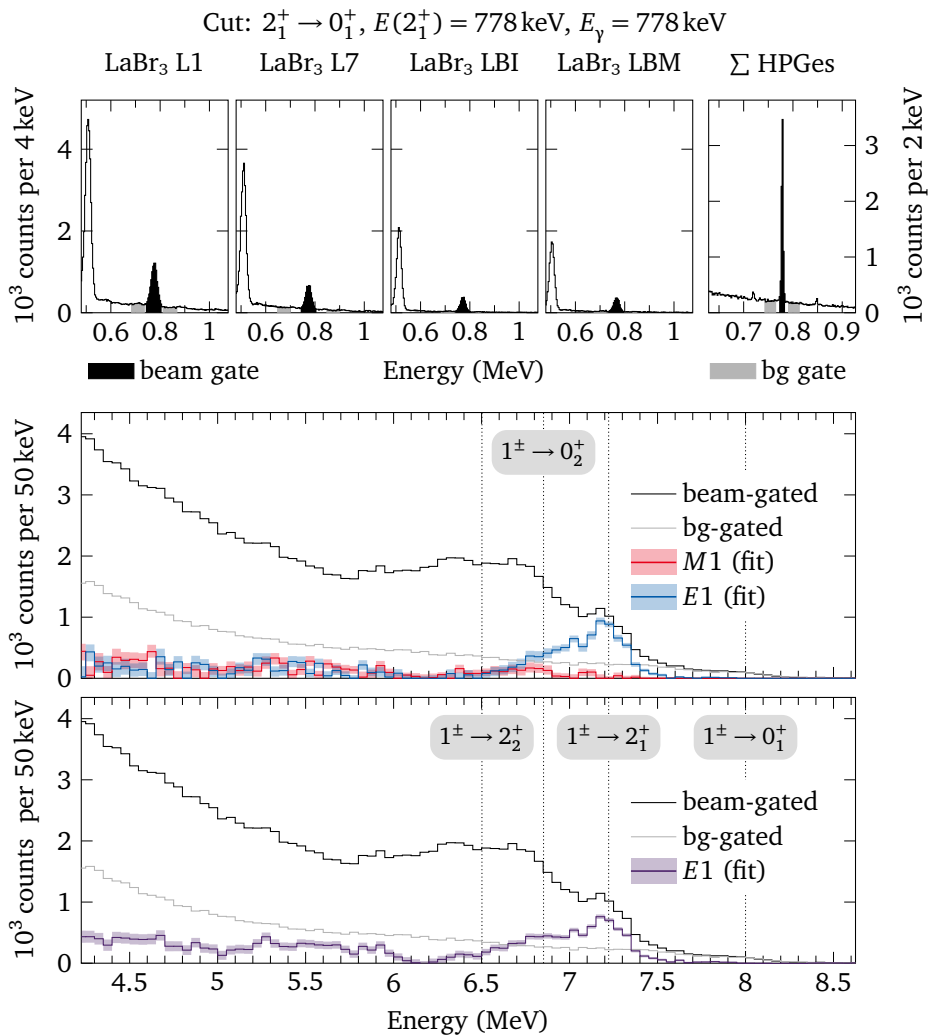


Figure 1.415: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

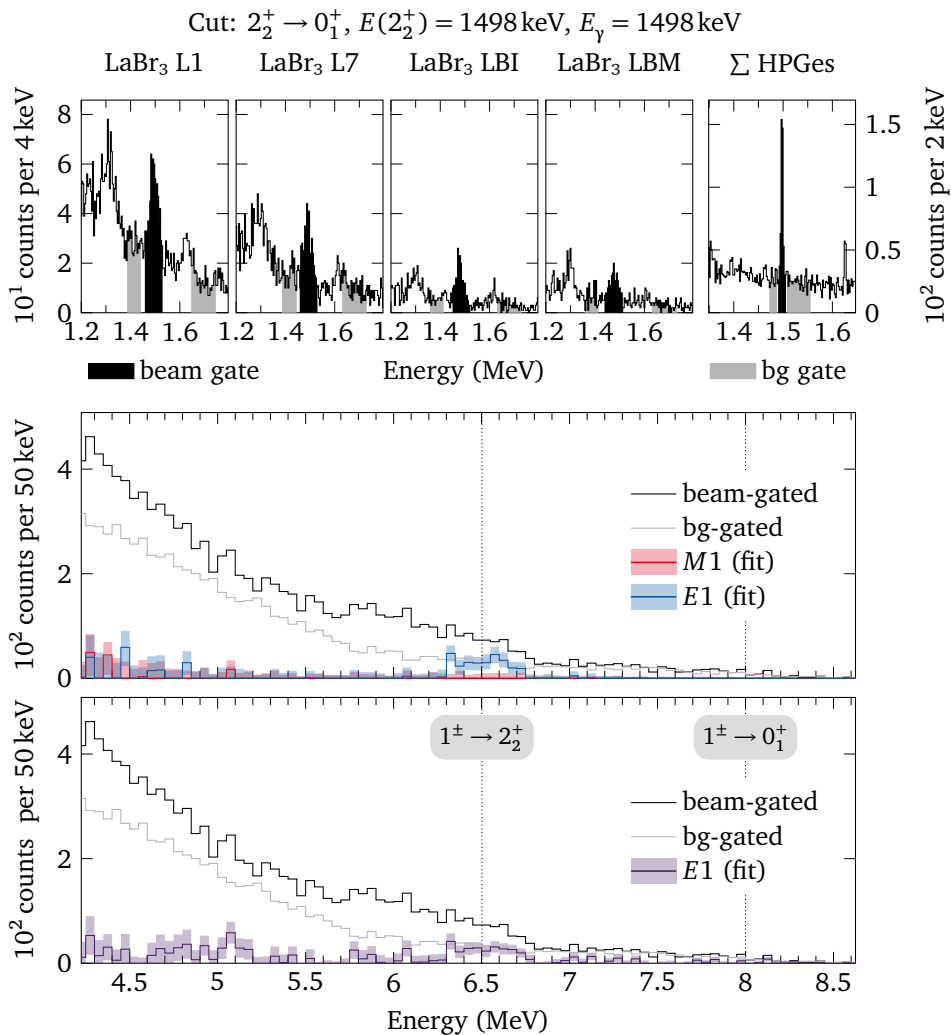


Figure 1.416: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

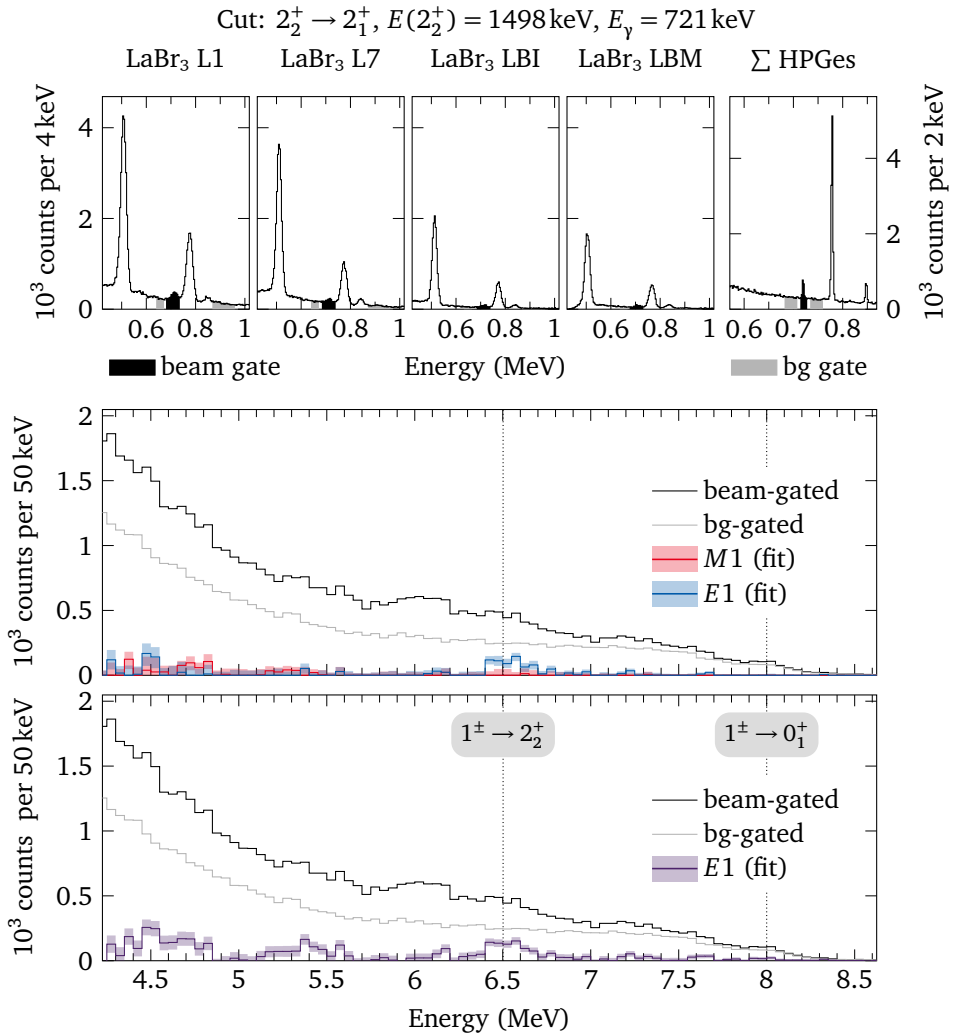


Figure 1.417: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

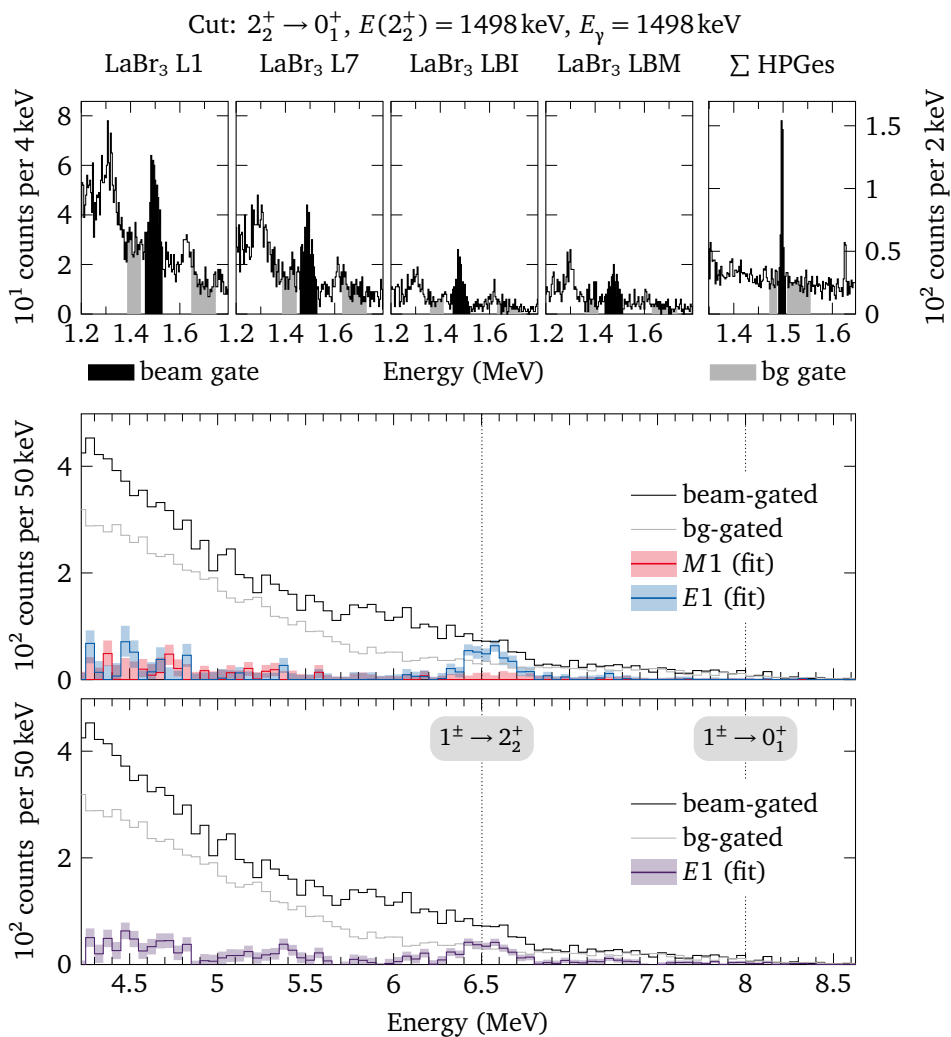


Figure 1.418: $E_{\text{beam}} = 8000 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

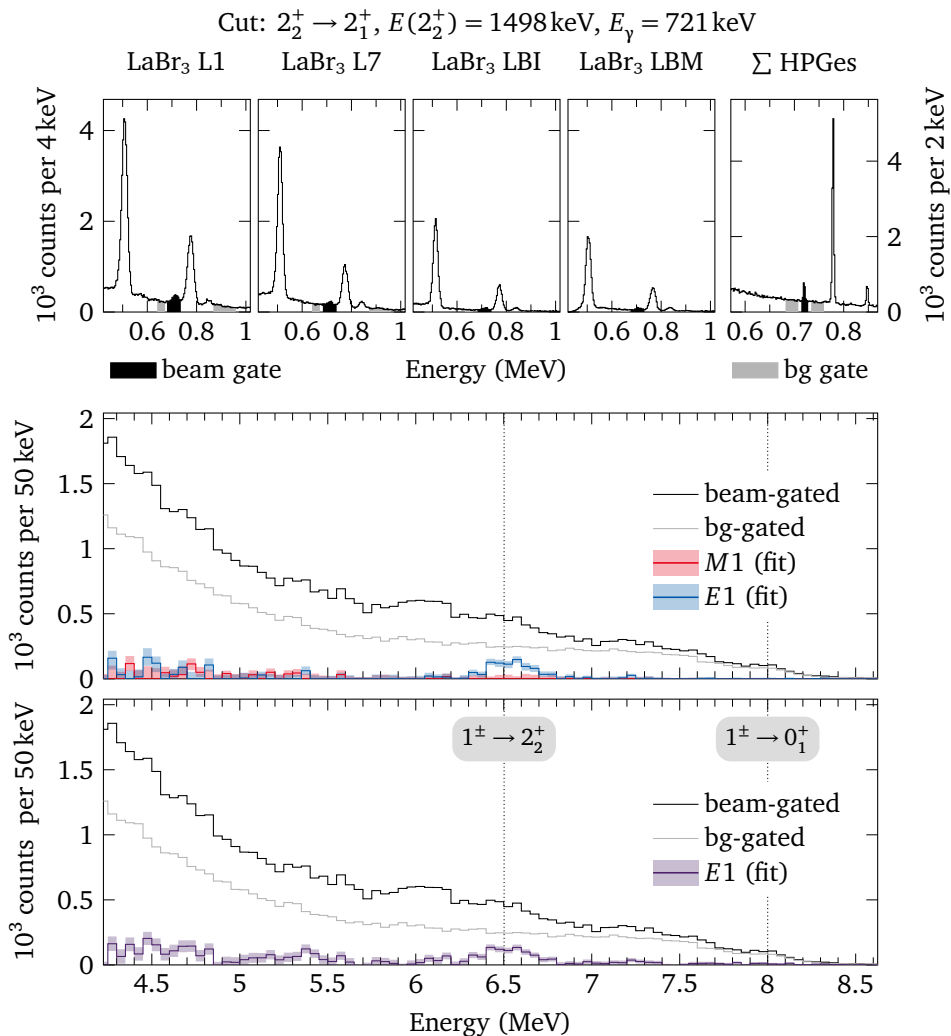


Figure 1.419: $E_{\text{beam}} = 8000 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

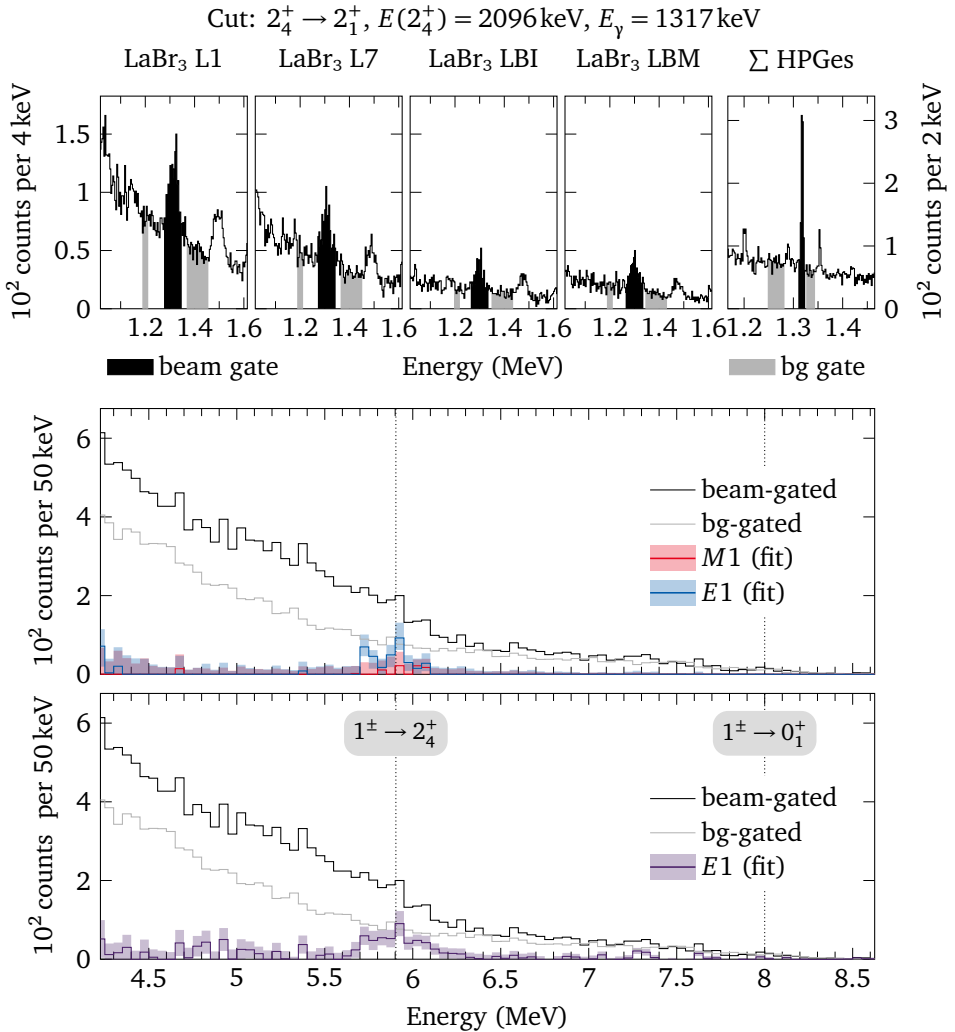


Figure 1.421: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

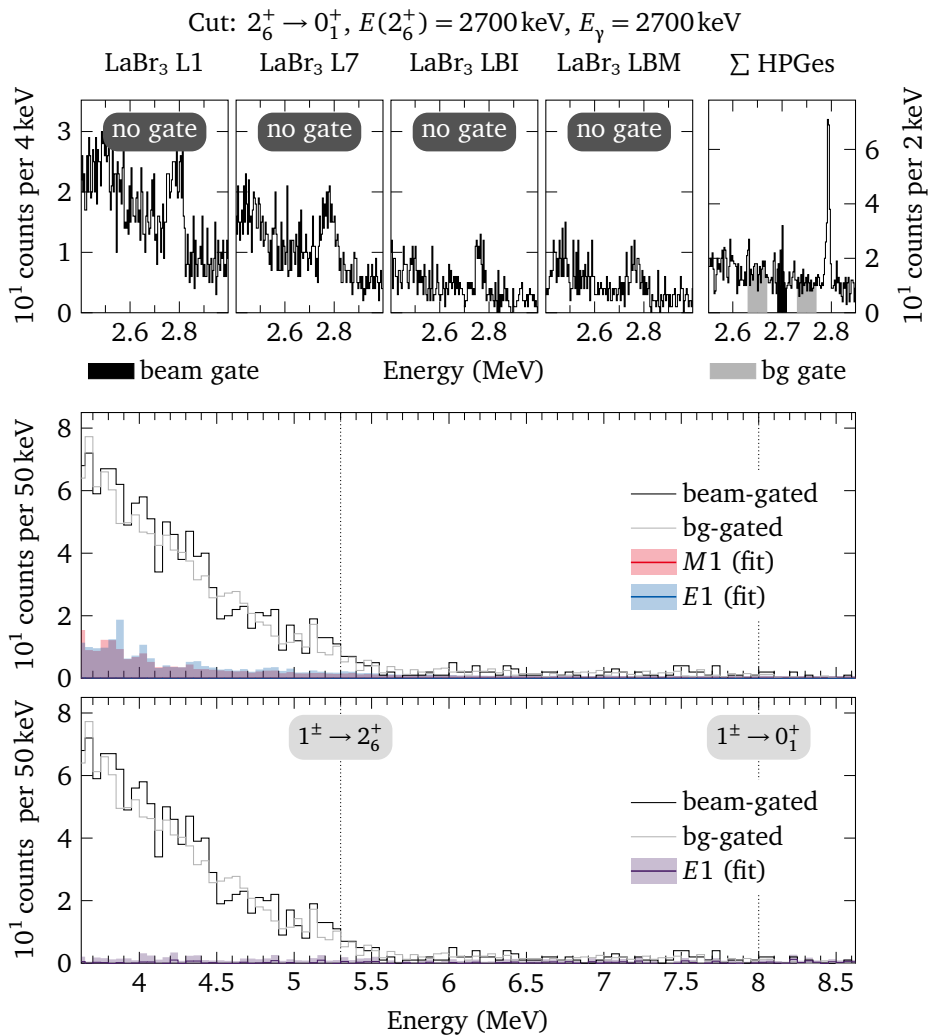


Figure 1.423: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

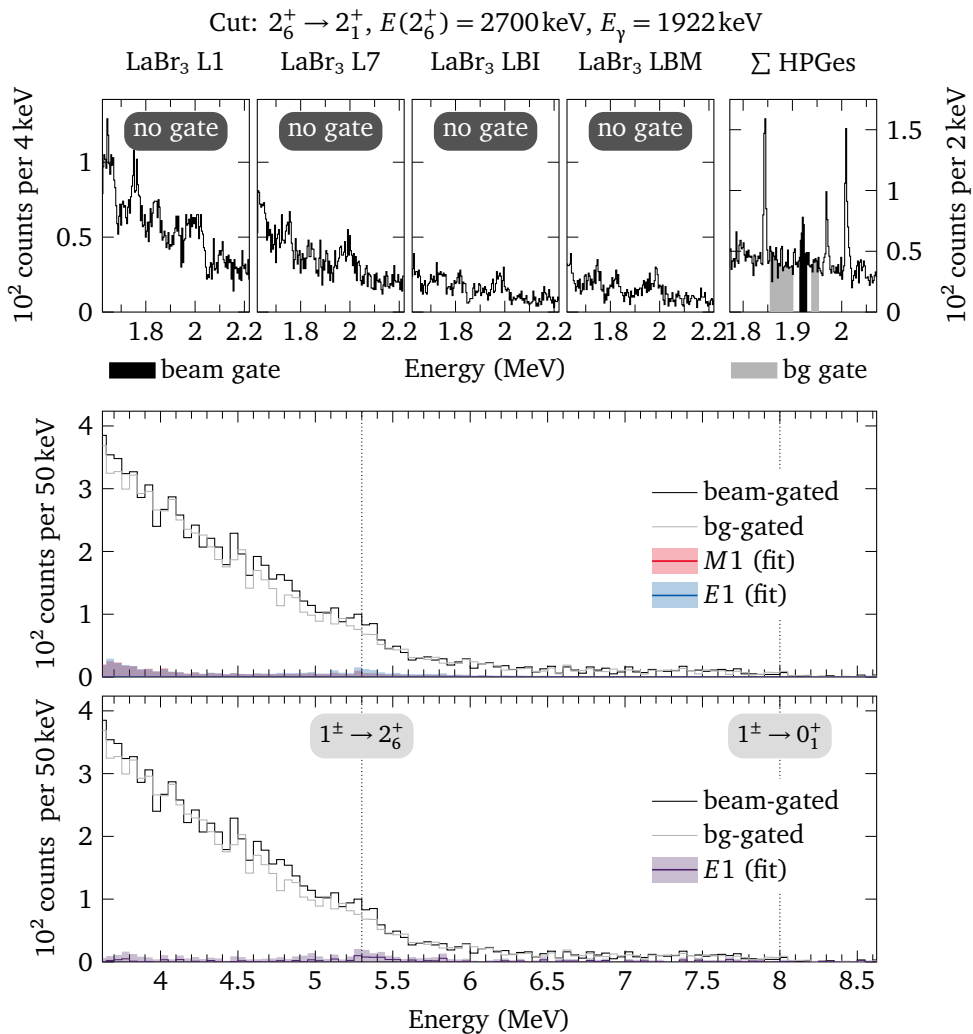


Figure 1.424: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

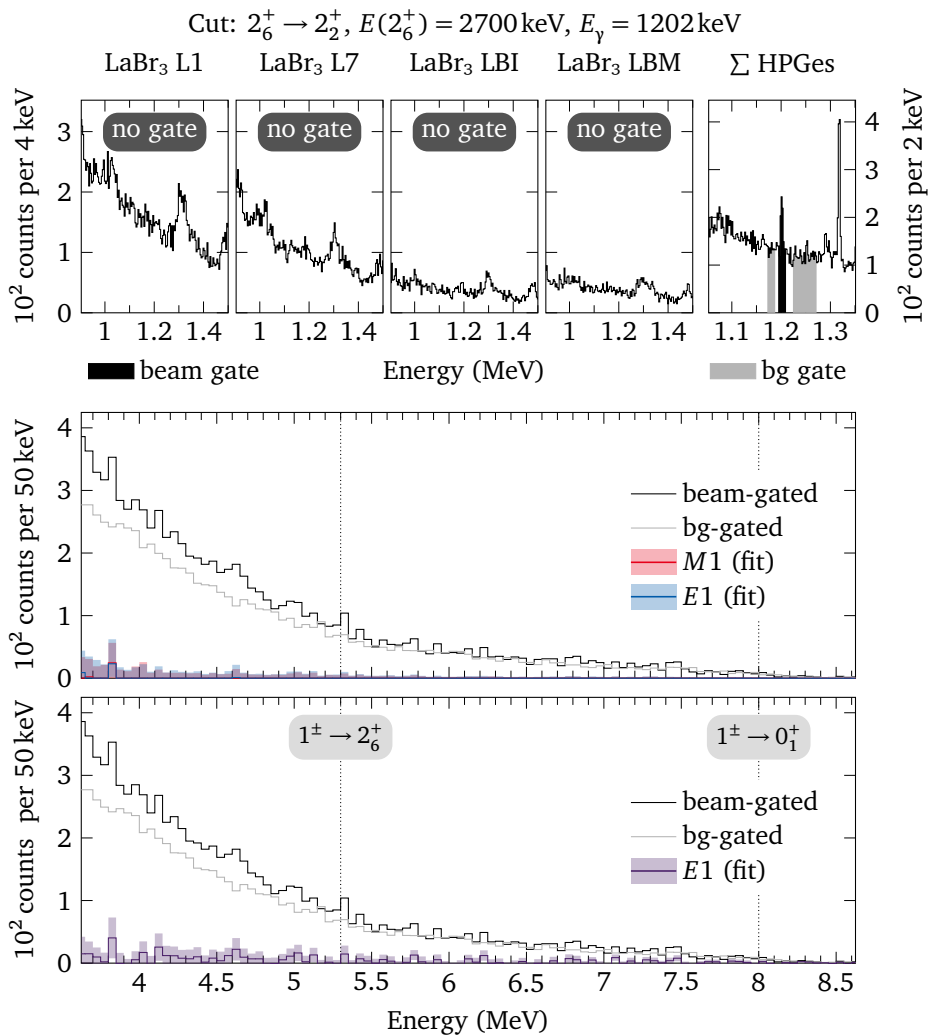


Figure 1.425: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

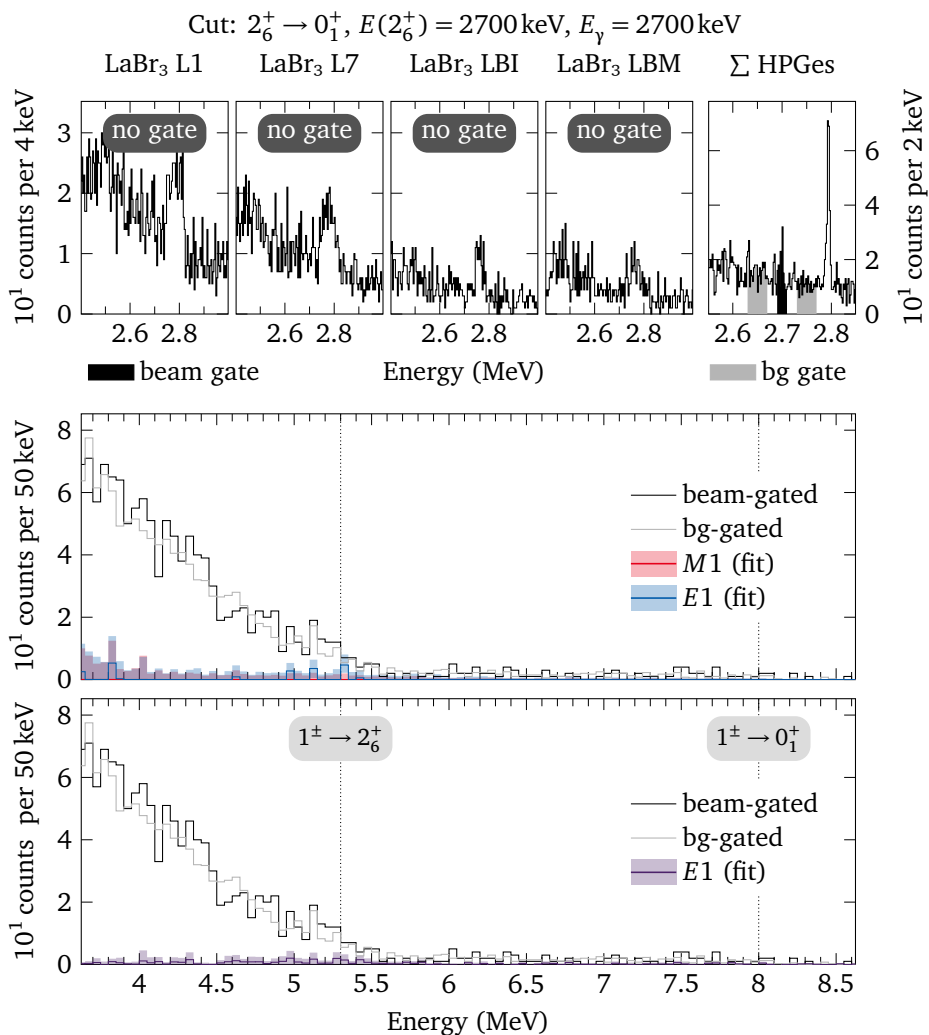


Figure 1.426: $E_{\text{beam}} = 8000 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

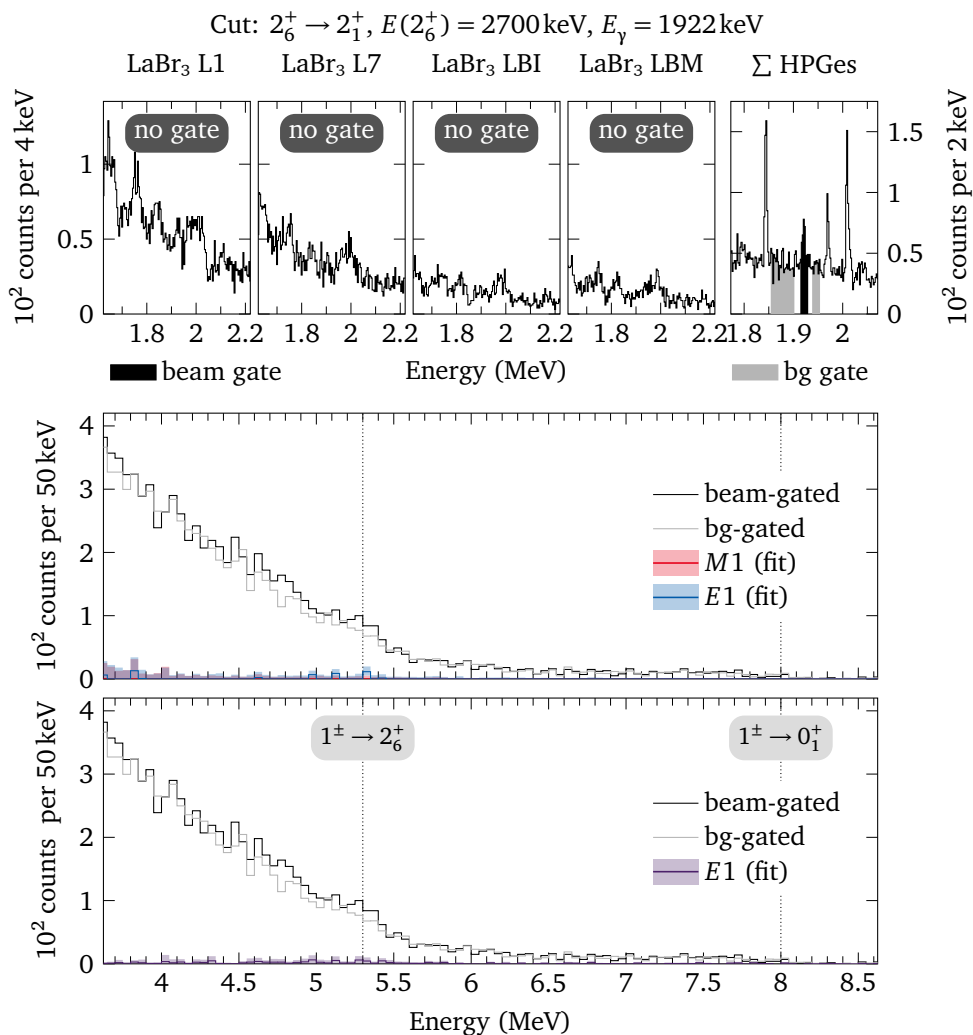


Figure 1.427: $E_{\text{beam}} = 8000\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

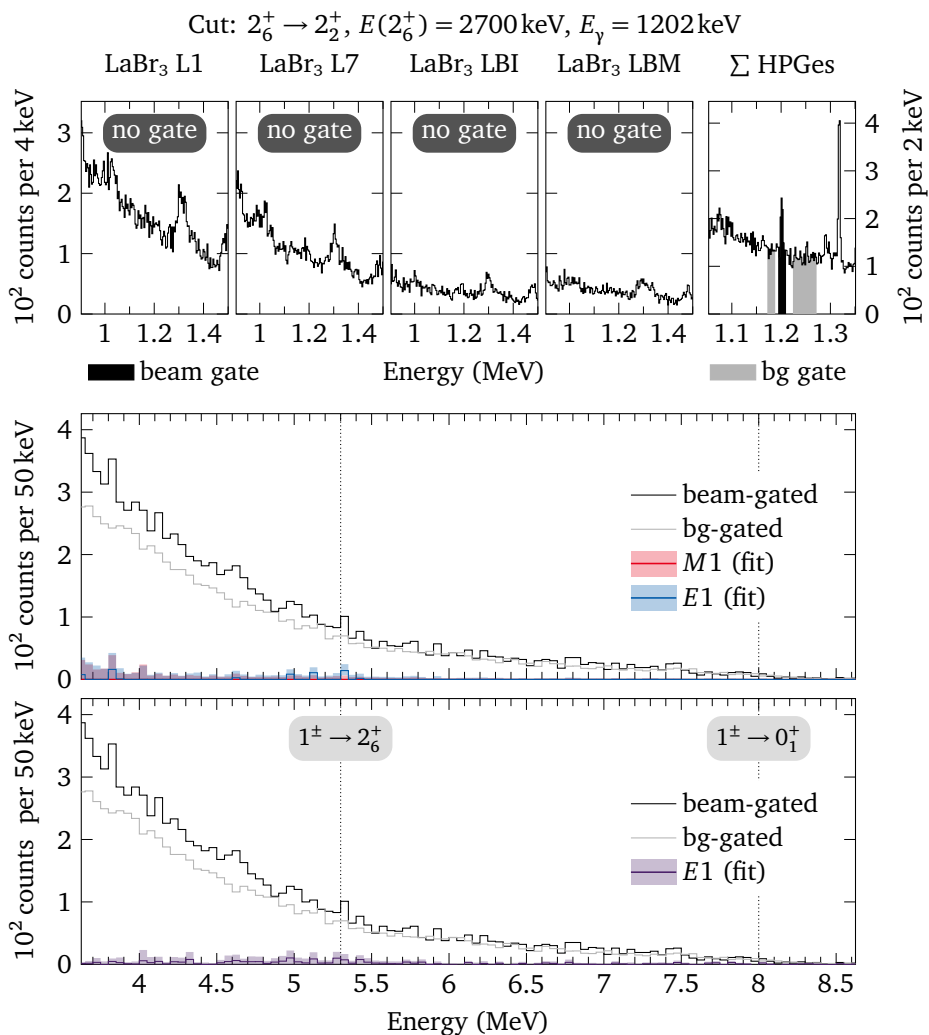


Figure 1.428: $E_{\text{beam}} = 8000 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

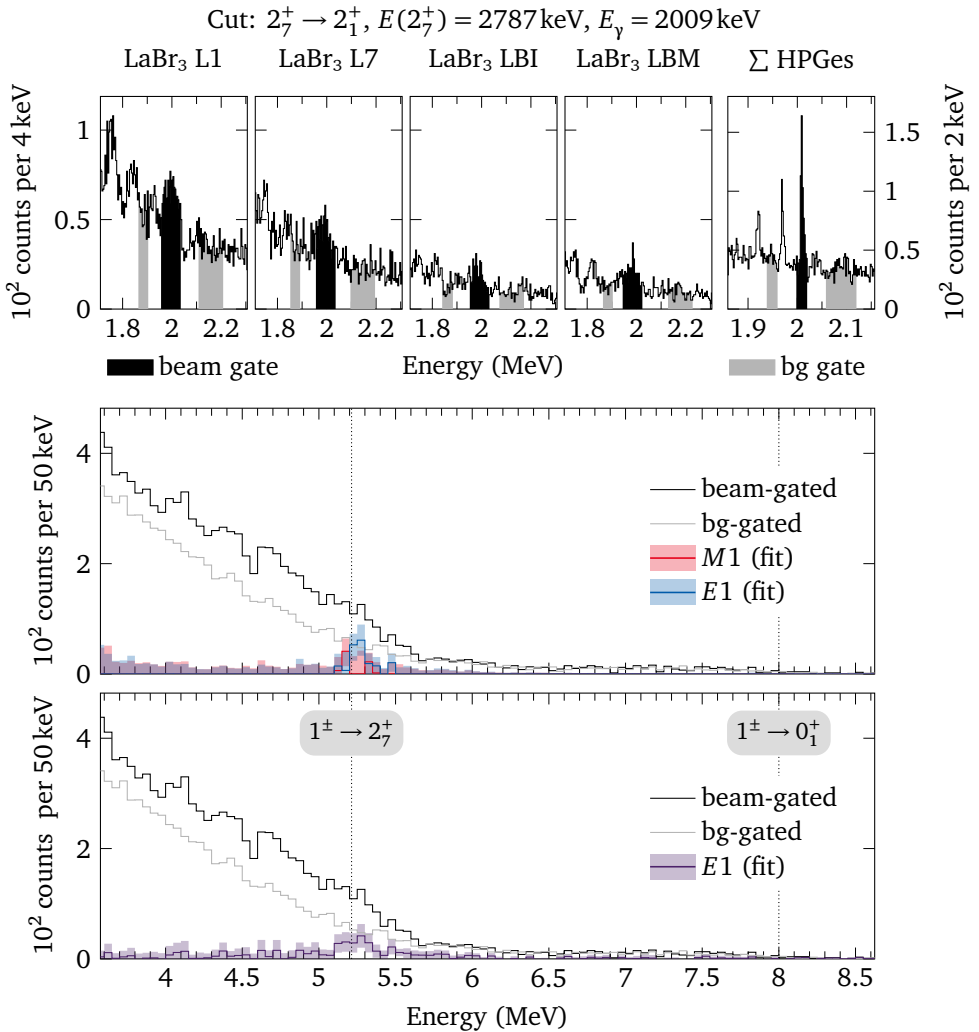


Figure 1.429: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

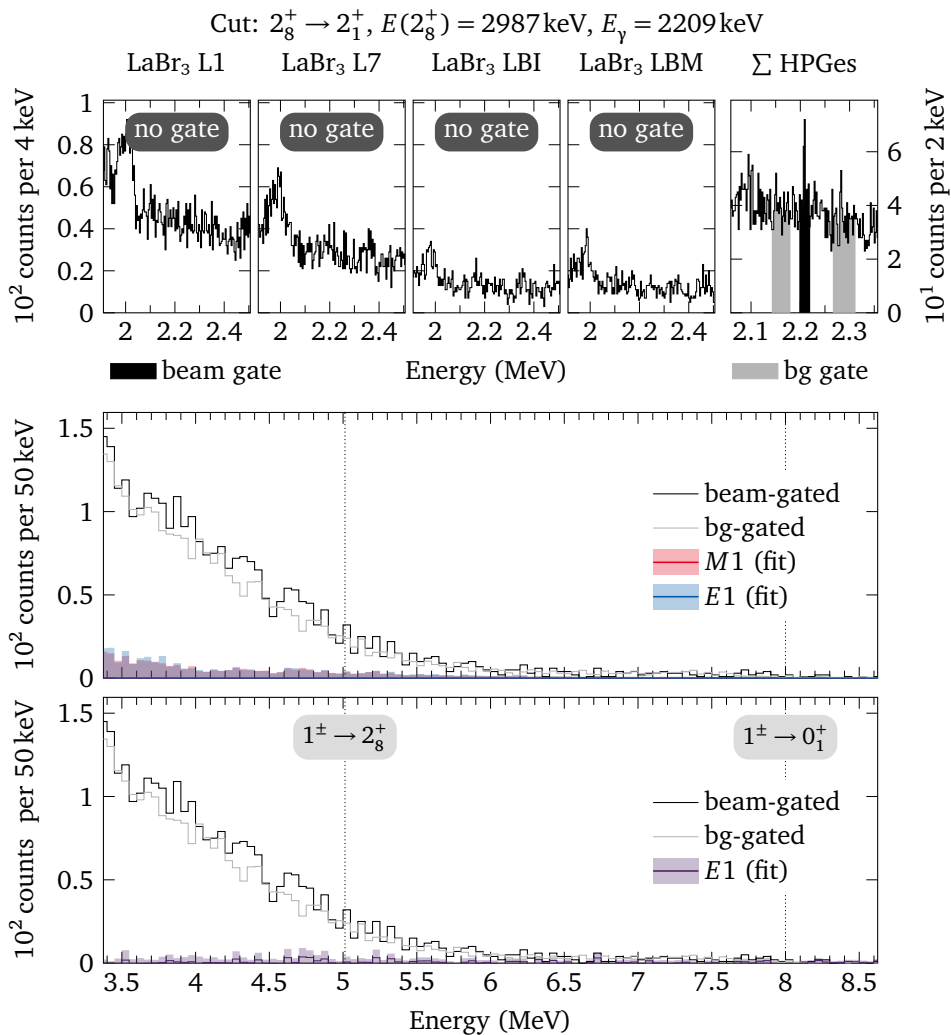


Figure 1.430: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

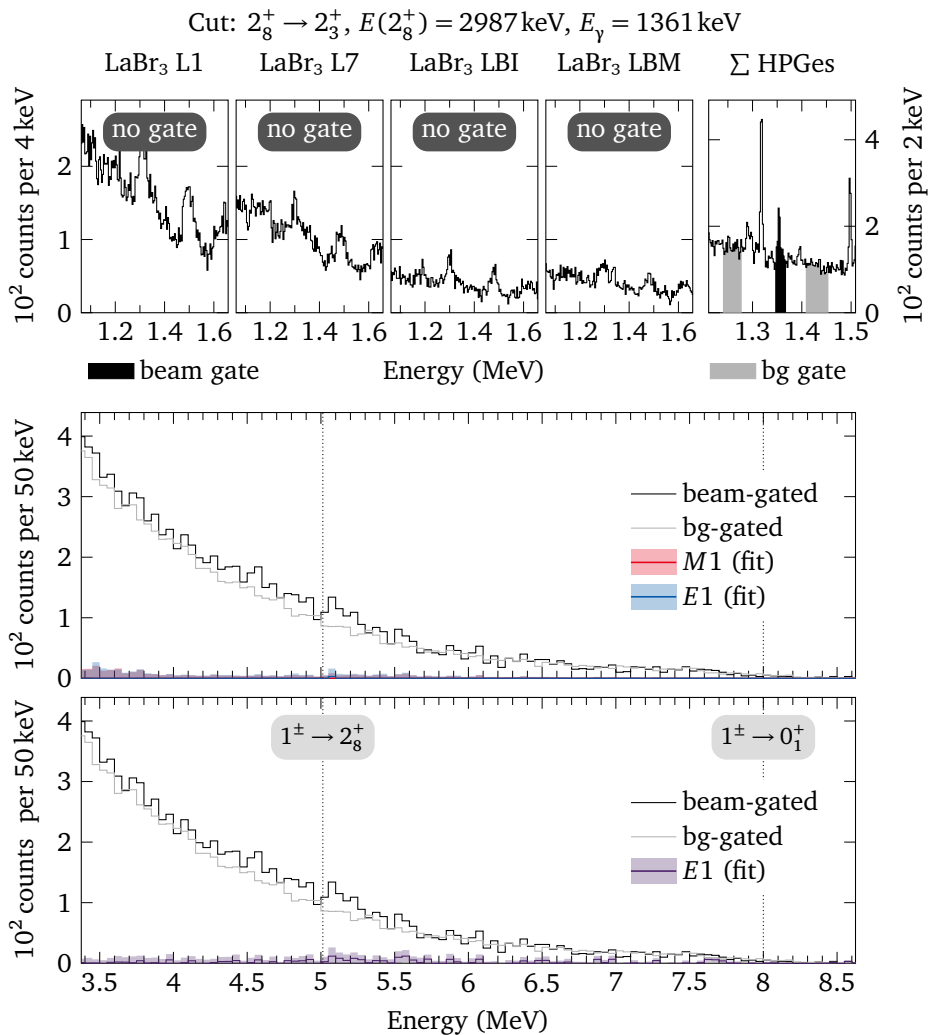


Figure 1.431: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

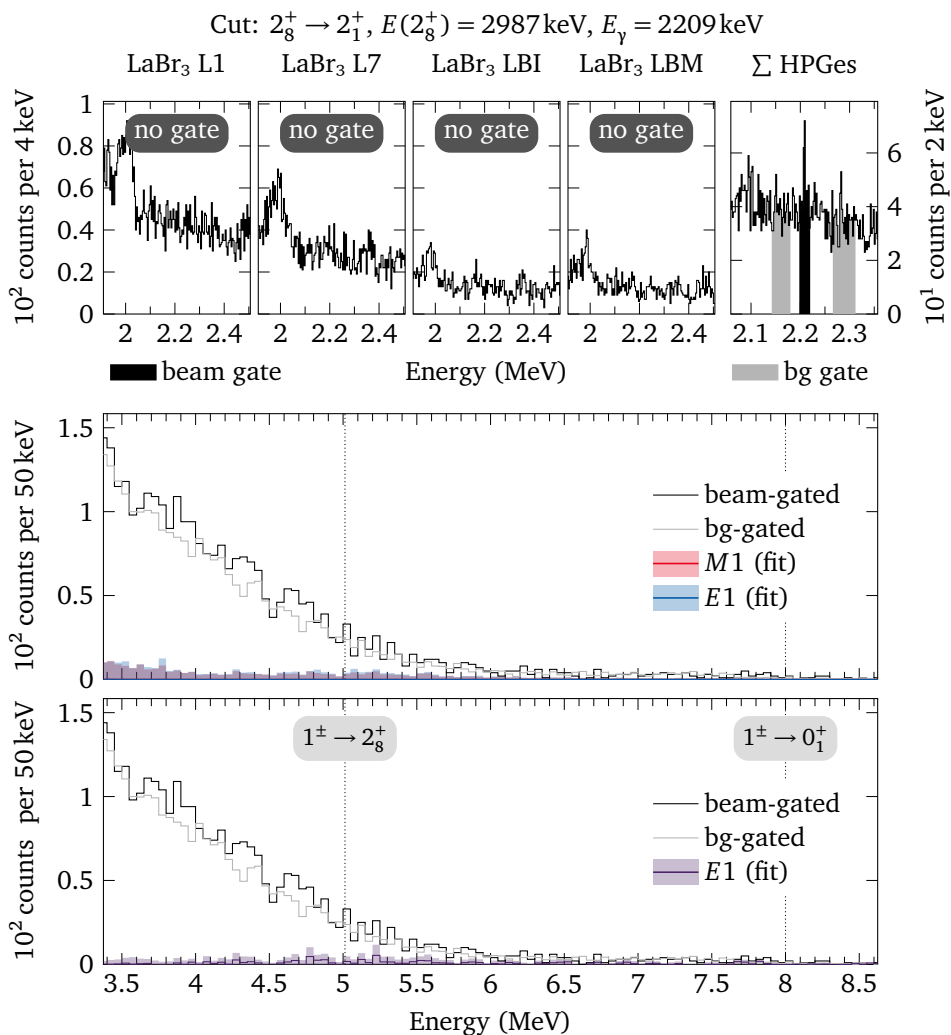


Figure 1.432: $E_{\text{beam}} = 8000 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

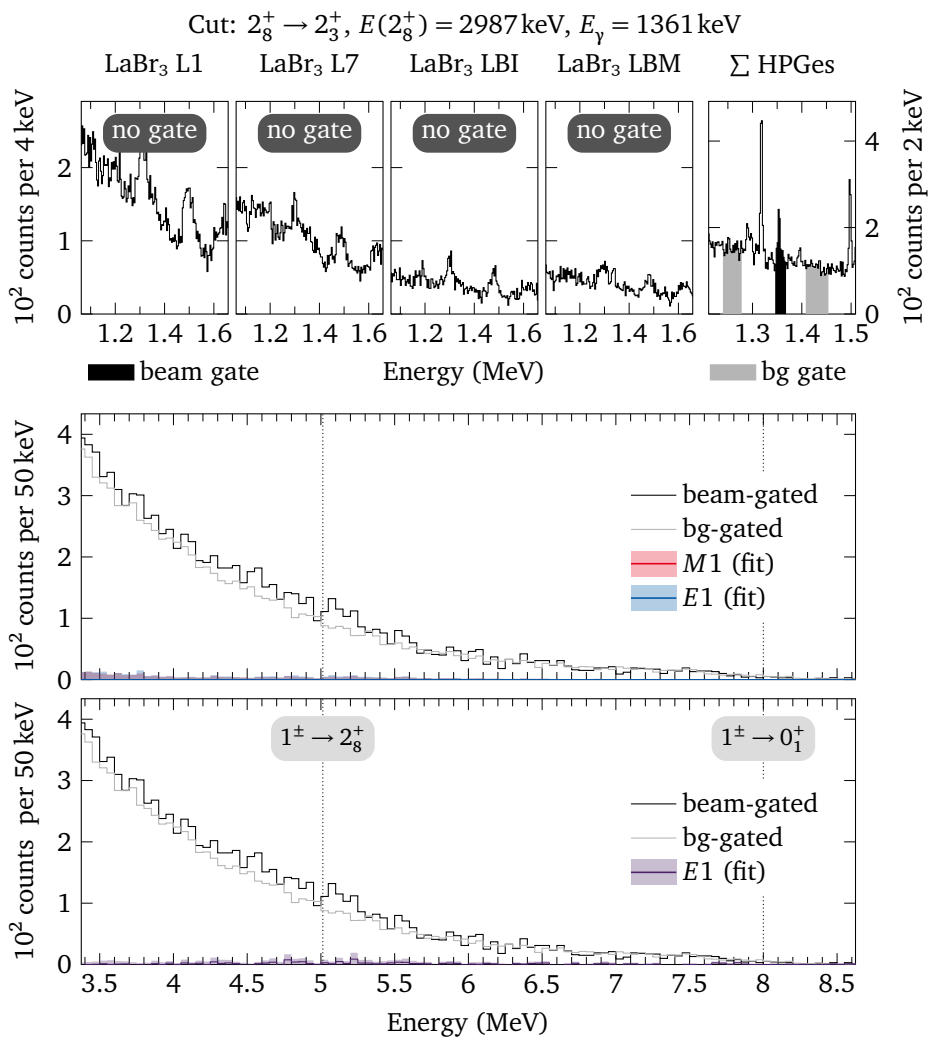


Figure 1.433: $E_{\text{beam}} = 8000 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

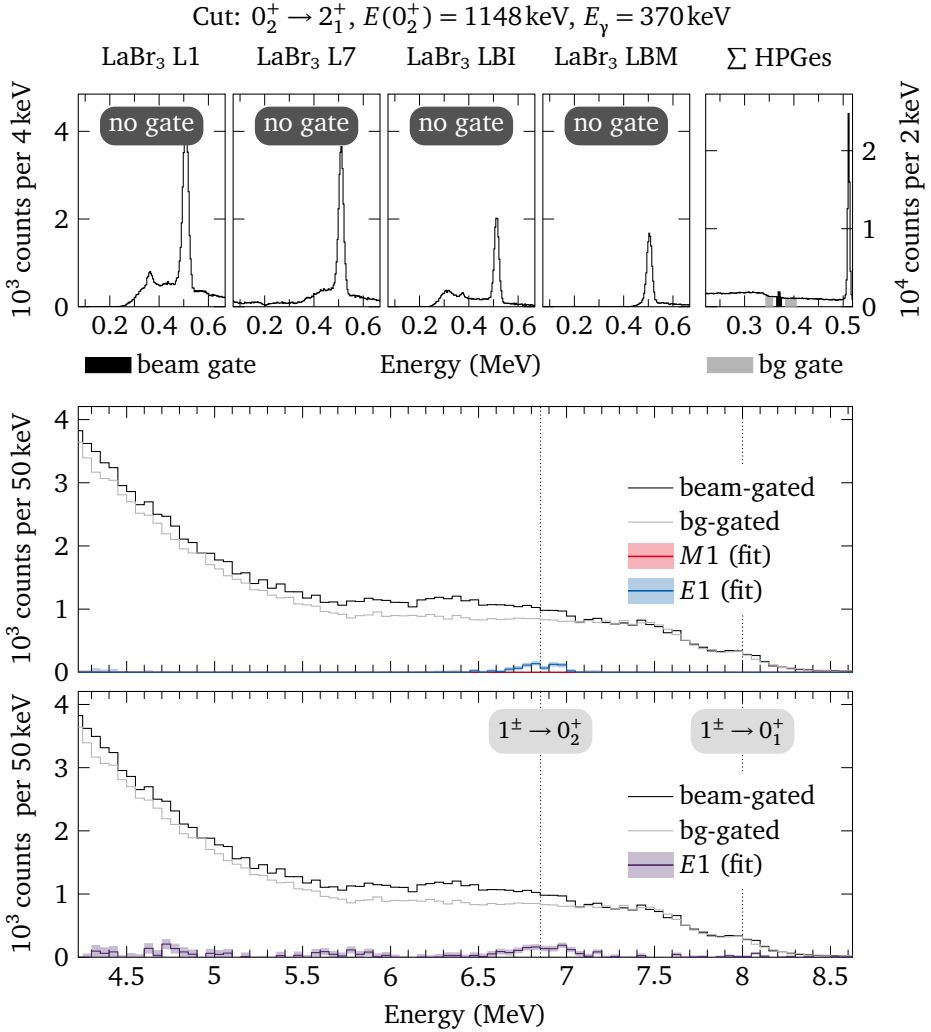


Figure 1.434: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

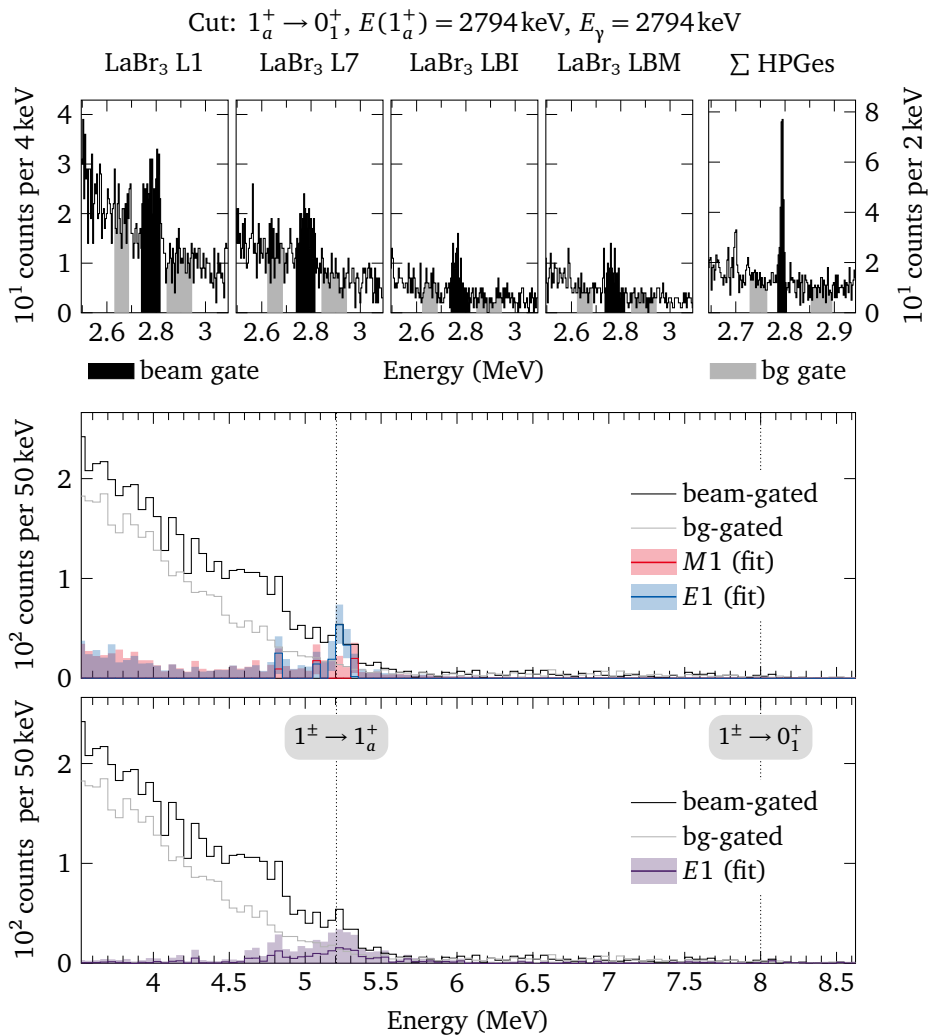


Figure 1.435: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

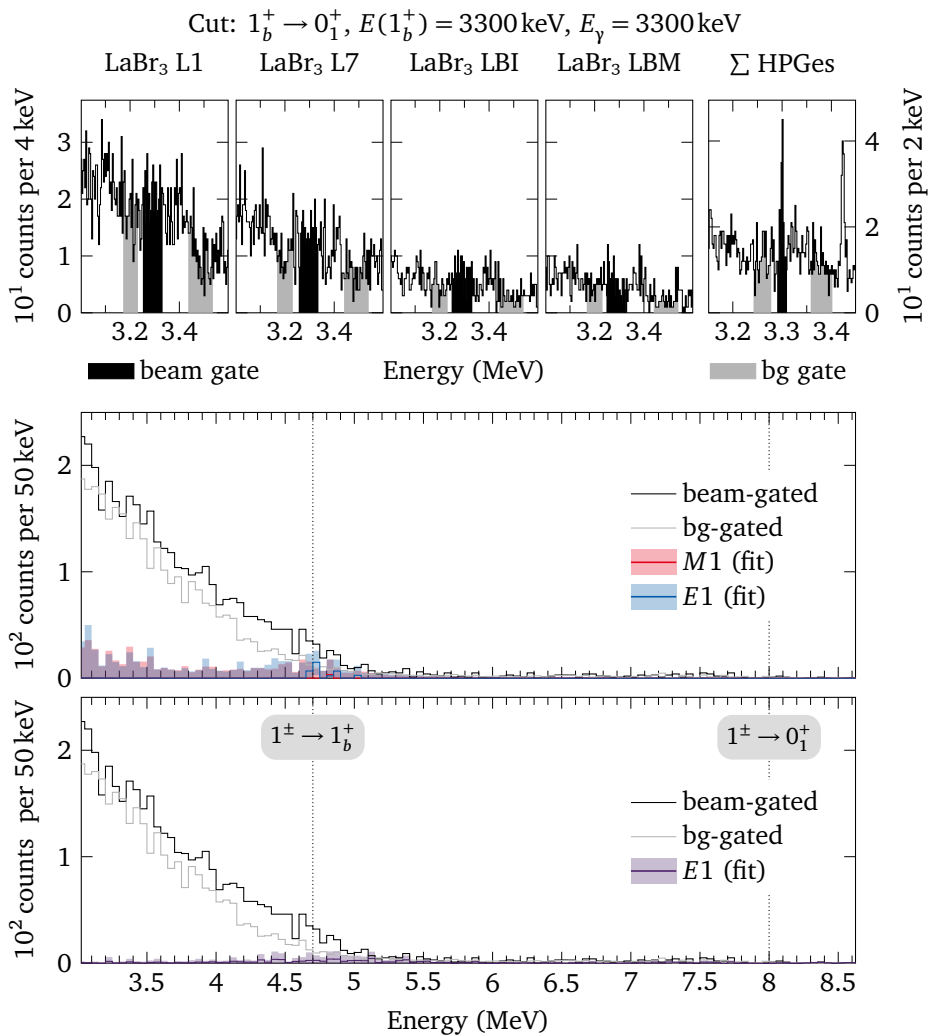


Figure 1.436: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

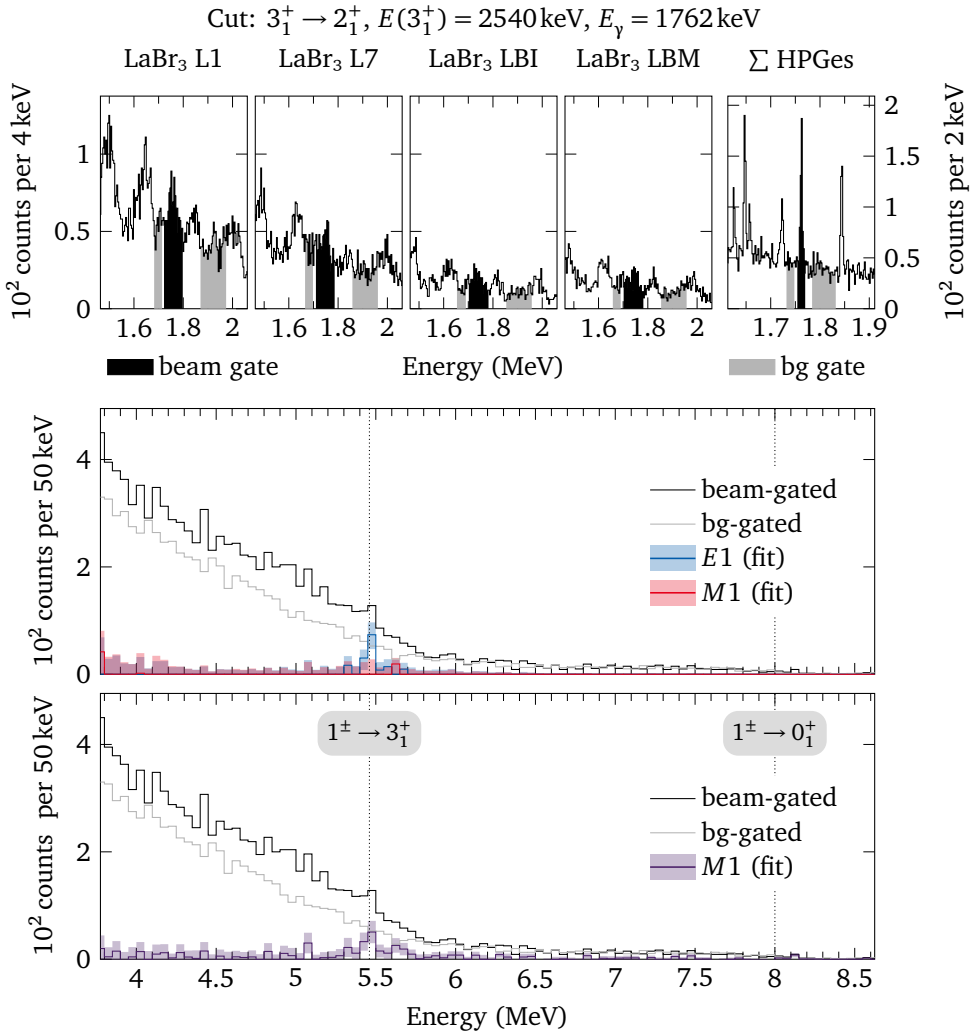


Figure 1.437: $E_{\text{beam}} = 8000 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

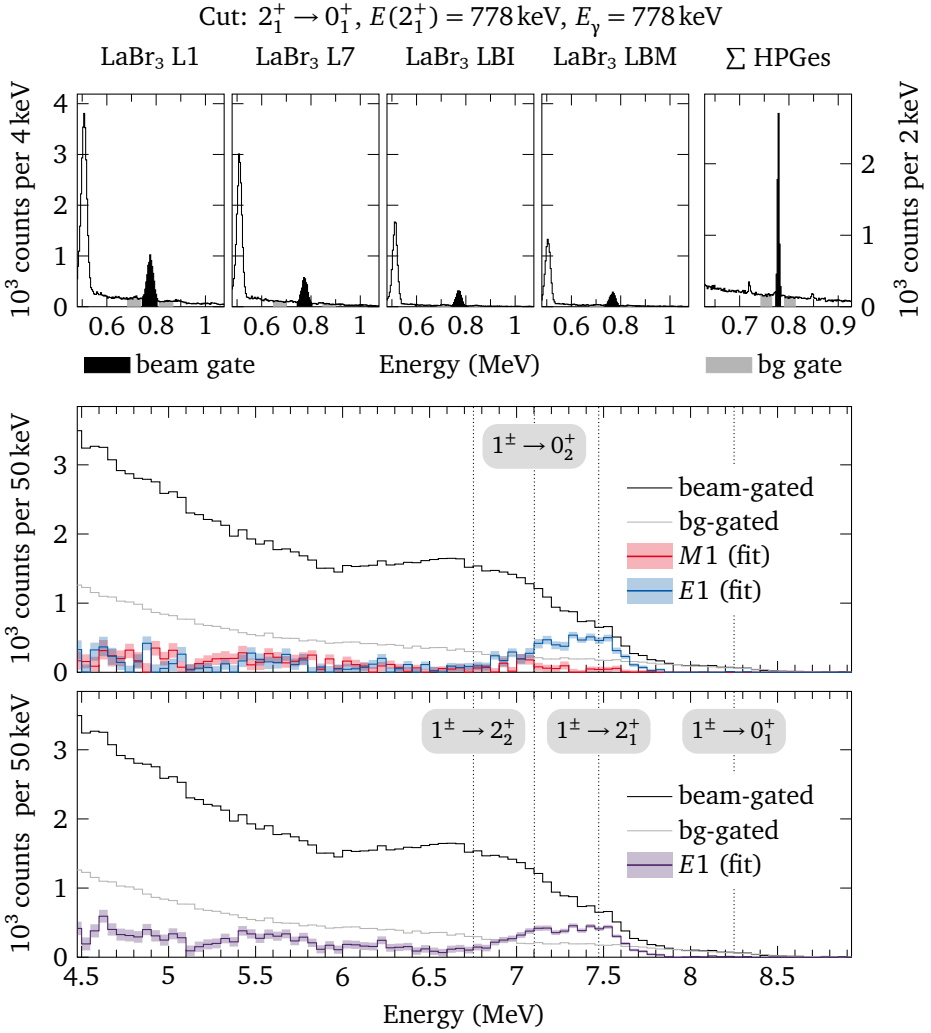


Figure 1.438: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

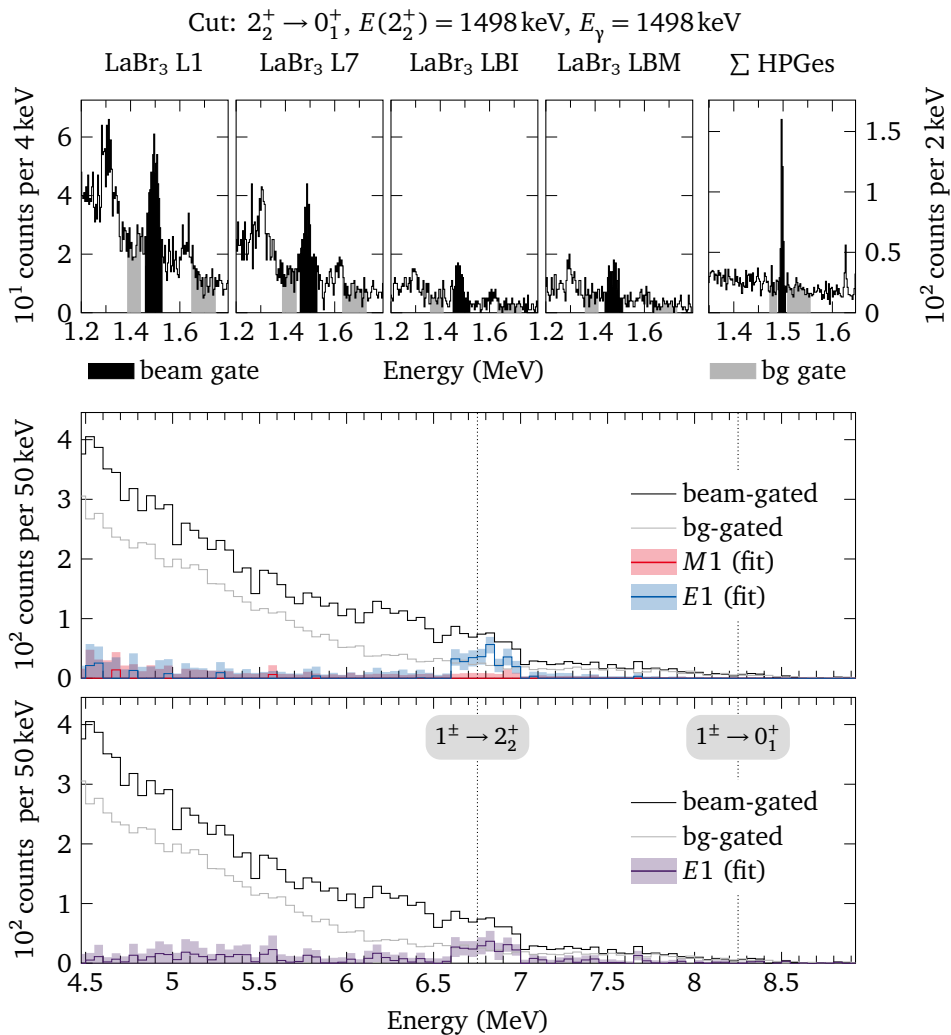


Figure 1.439: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

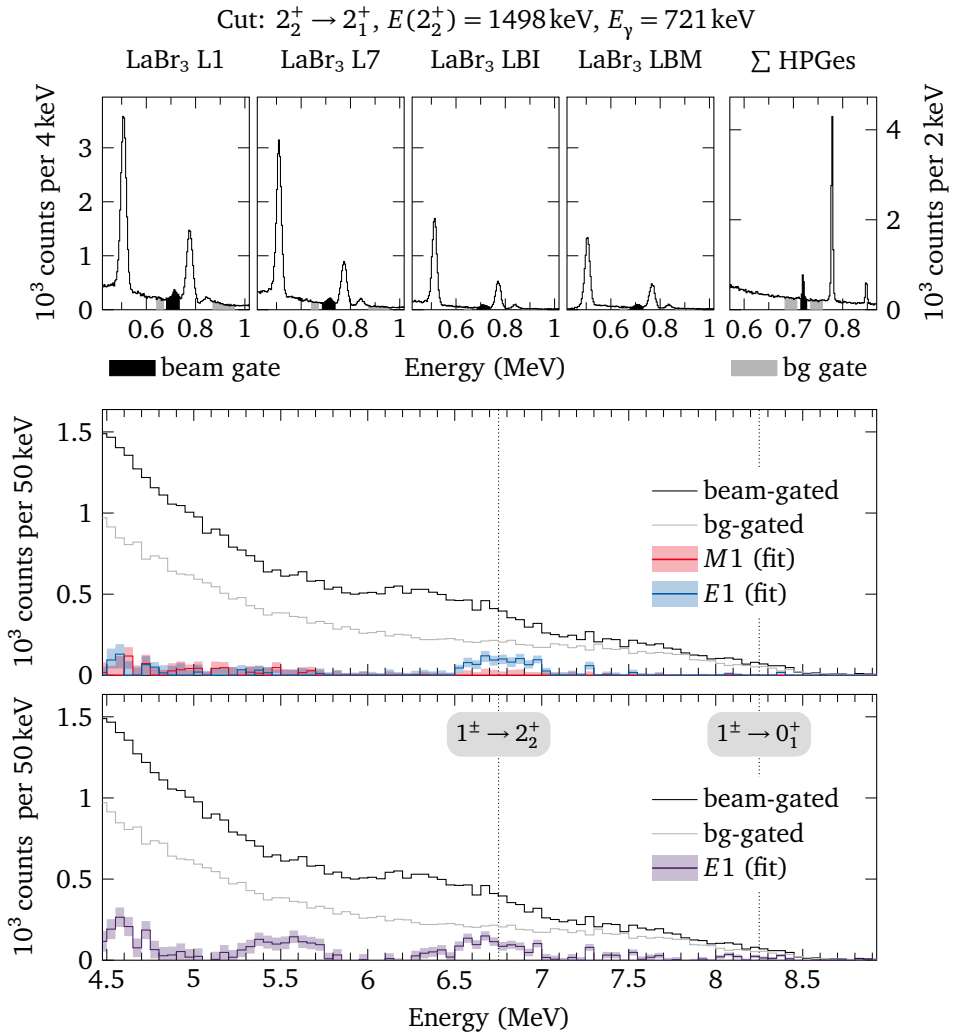


Figure 1.440: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

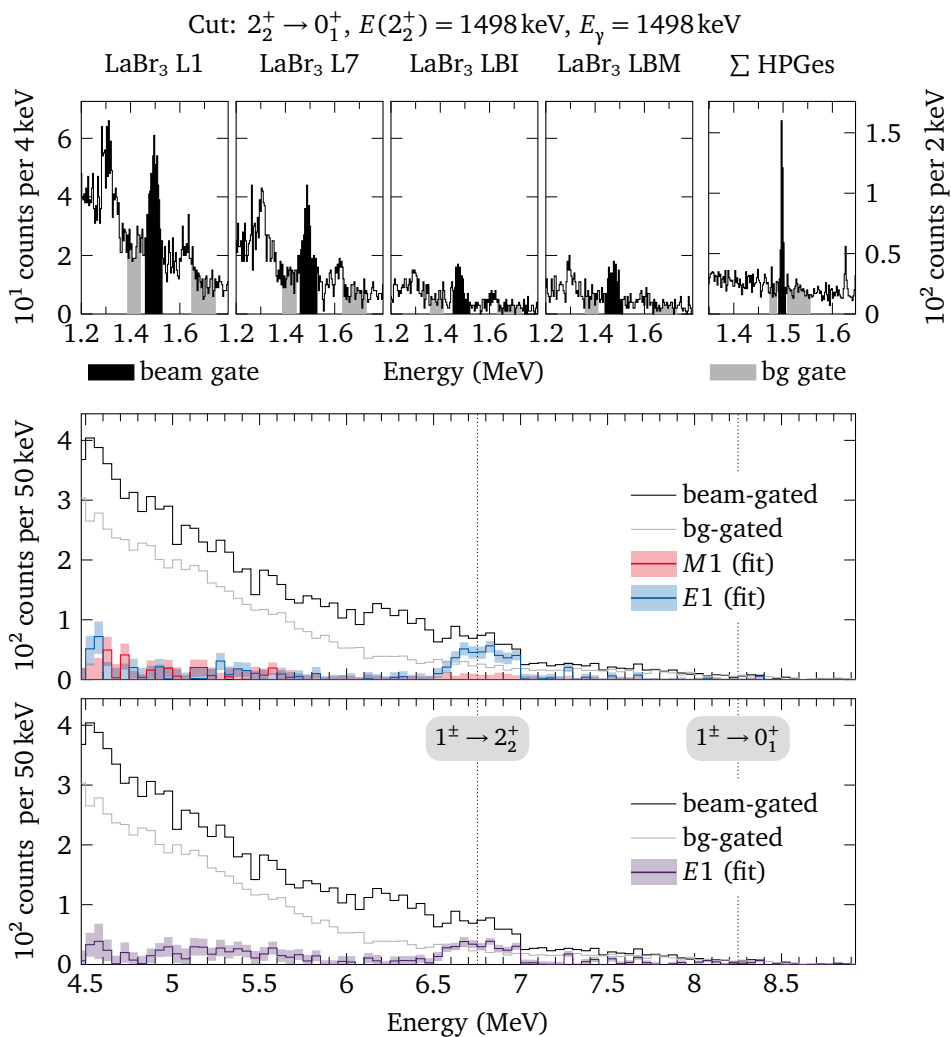


Figure 1.441: $E_{\text{beam}} = 8250 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

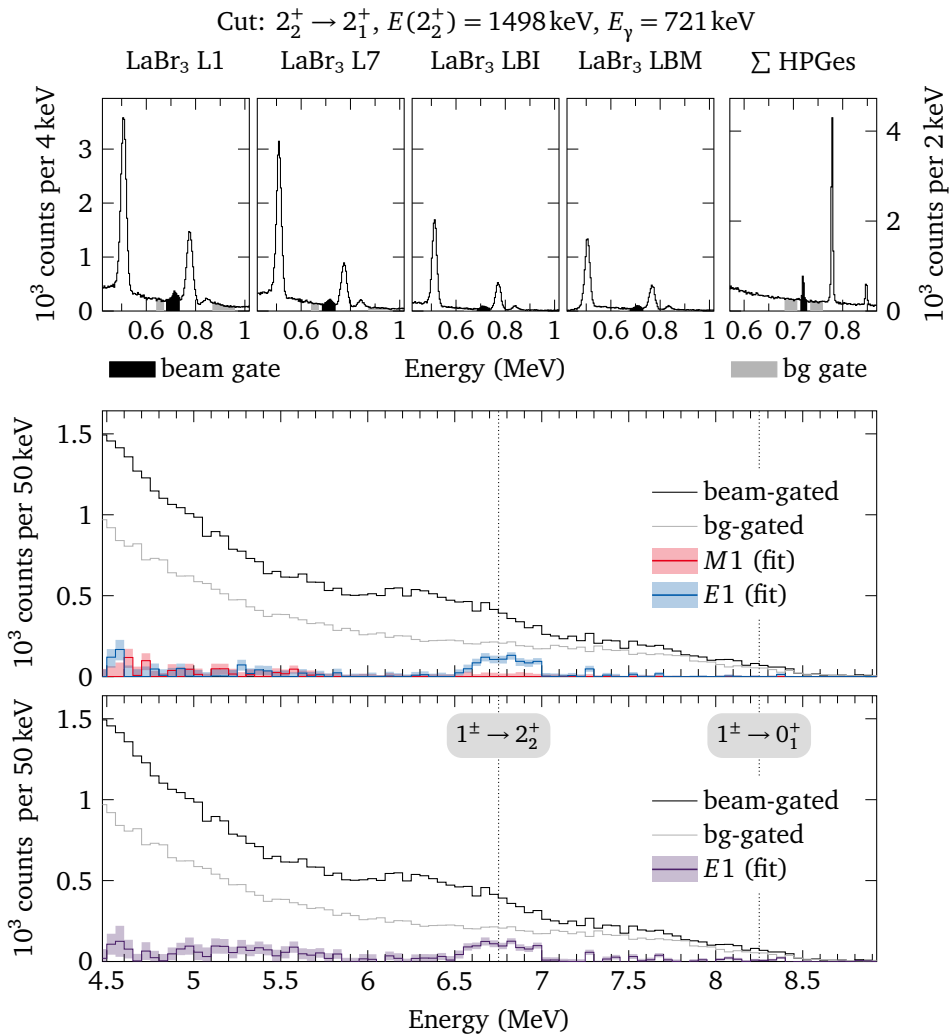


Figure 1.442: $E_{\text{beam}} = 8250 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

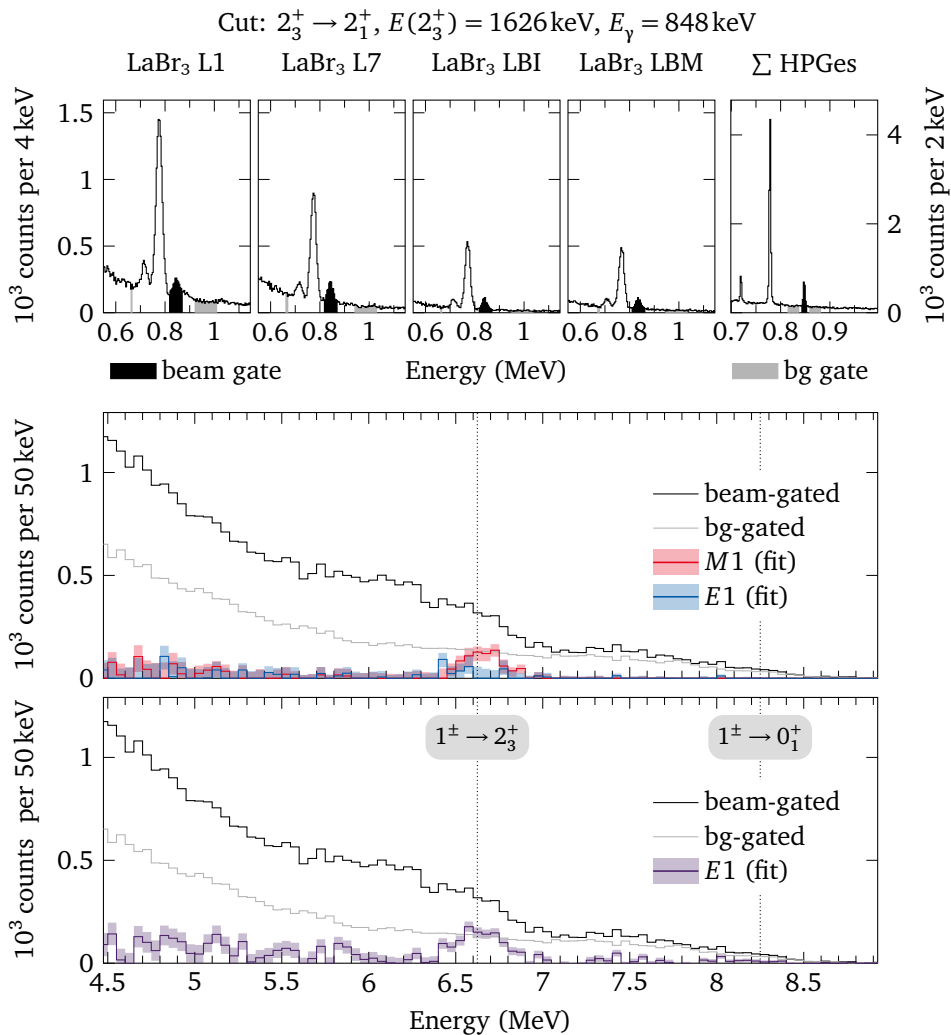


Figure 1.443: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

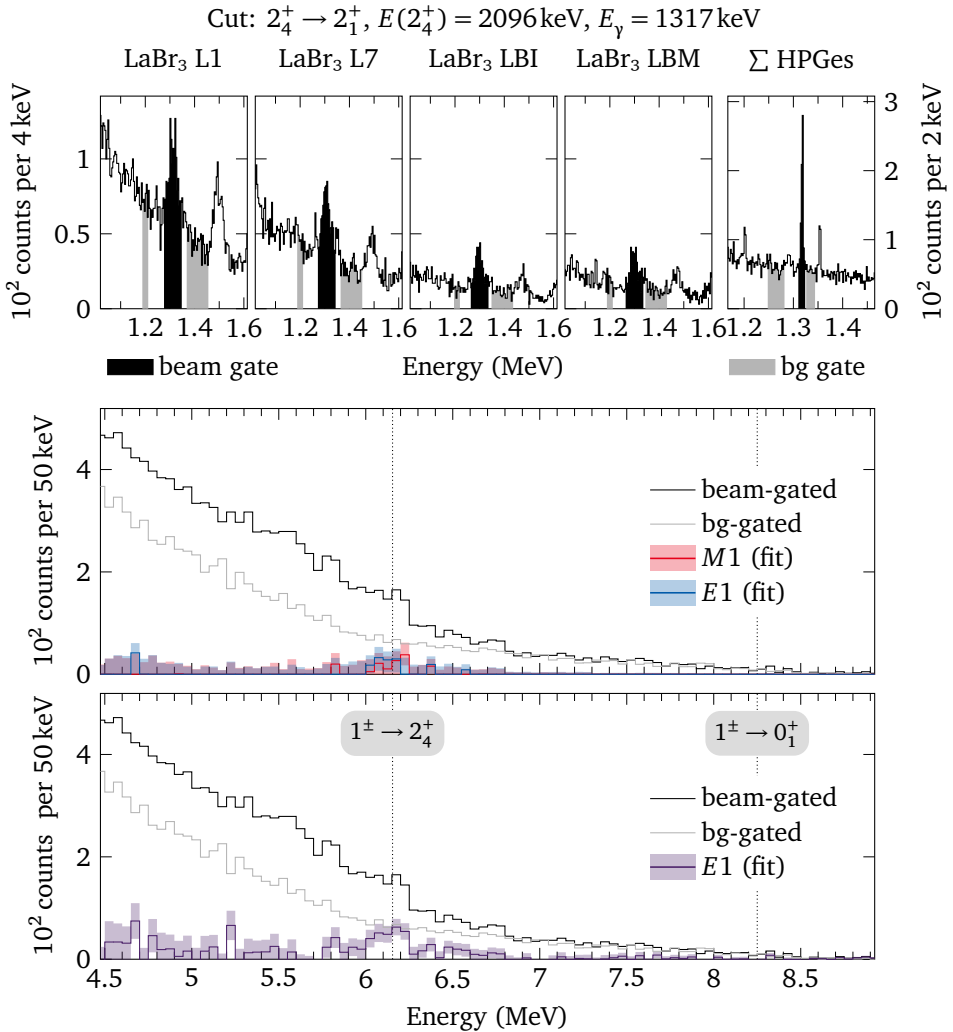


Figure 1.444: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

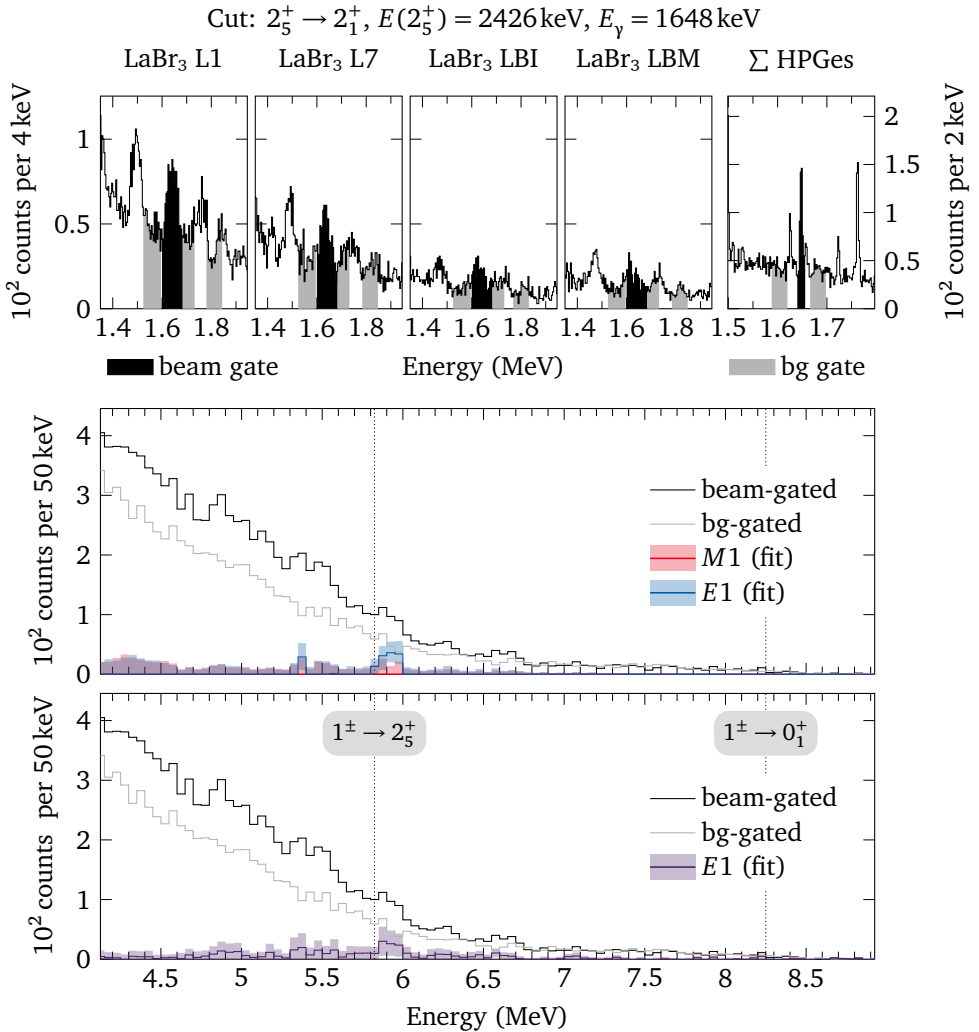


Figure 1.445: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

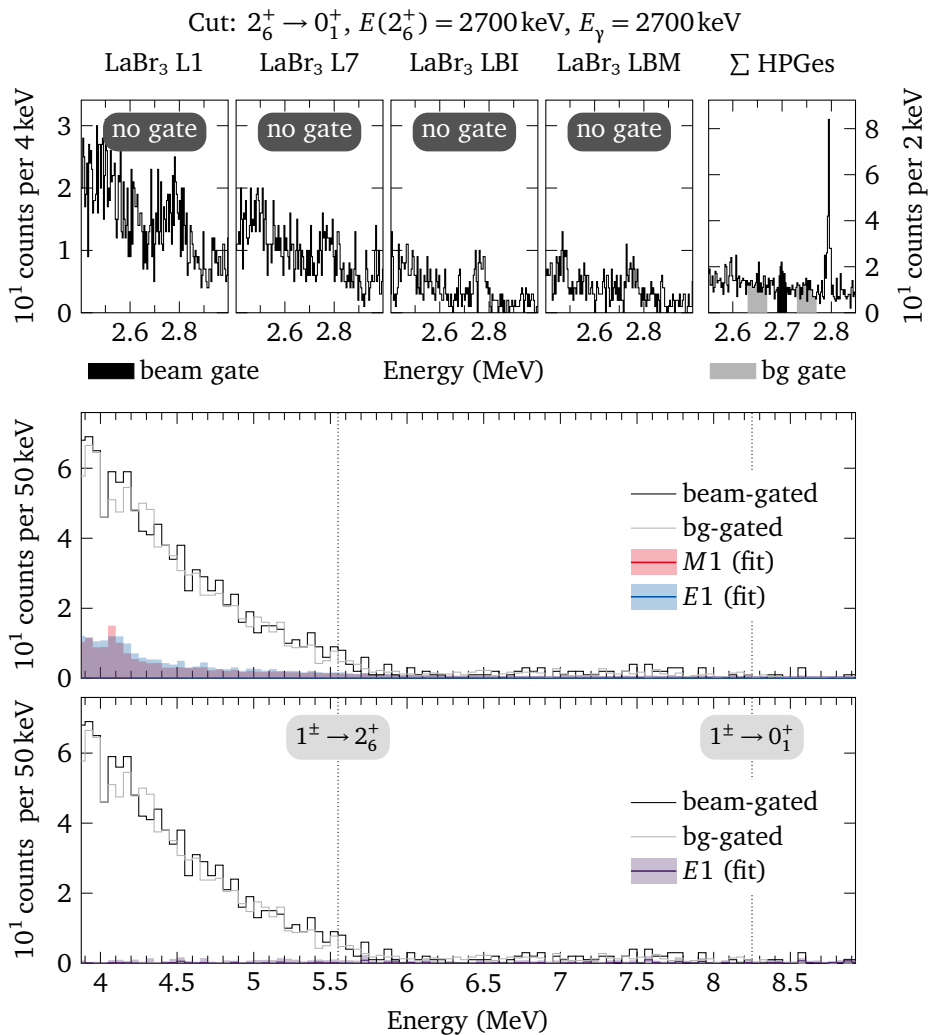


Figure 1.446: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

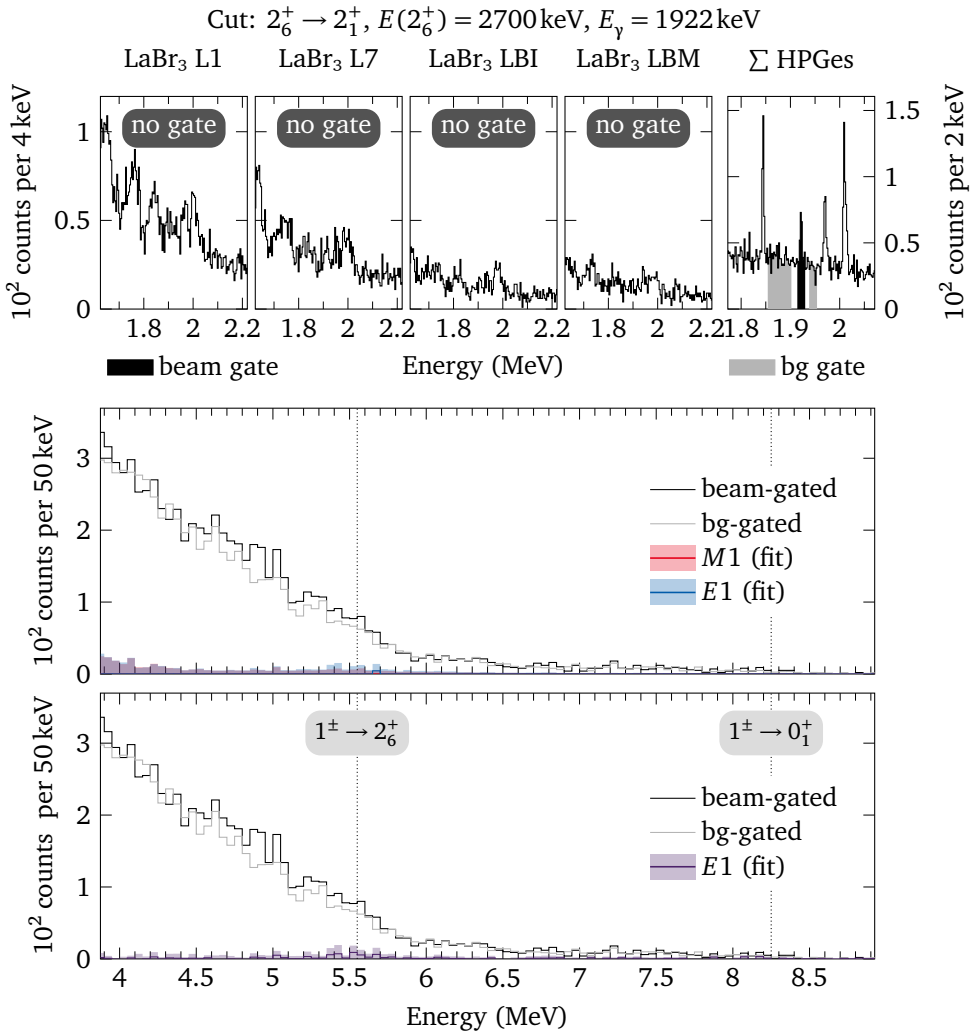


Figure 1.447: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

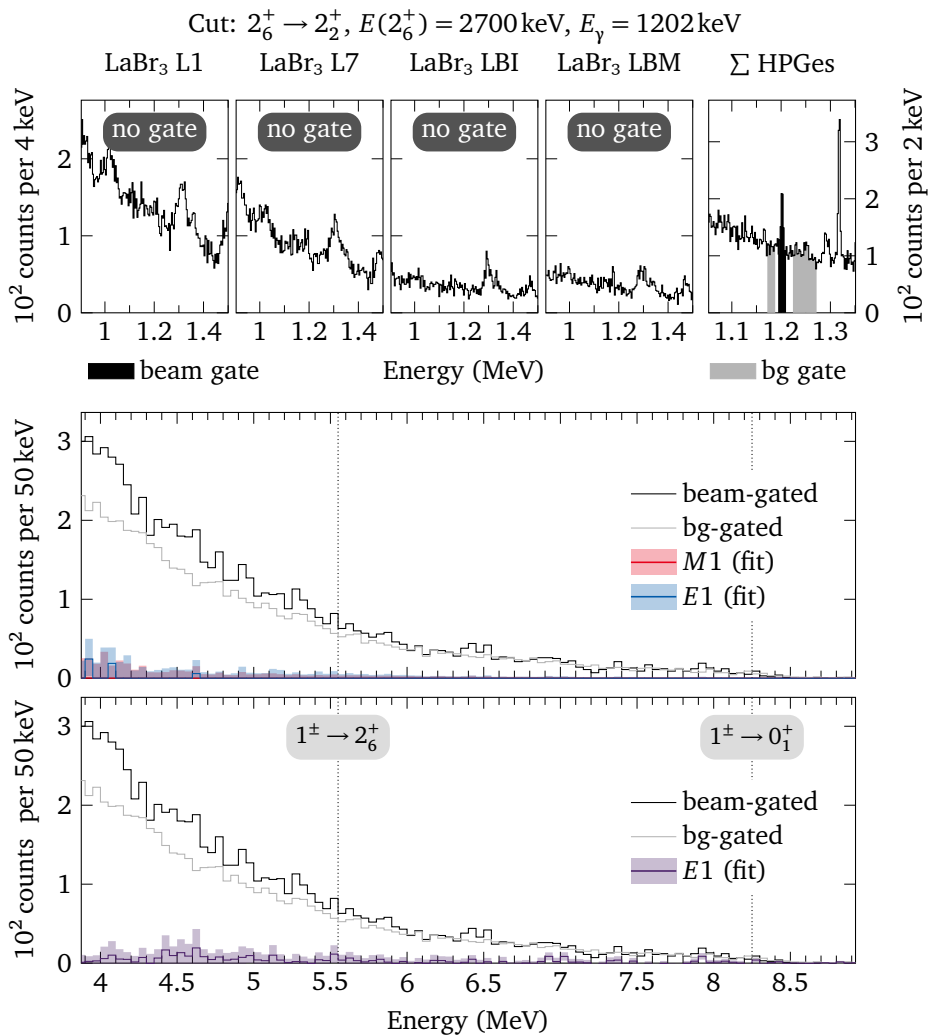


Figure 1.448: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

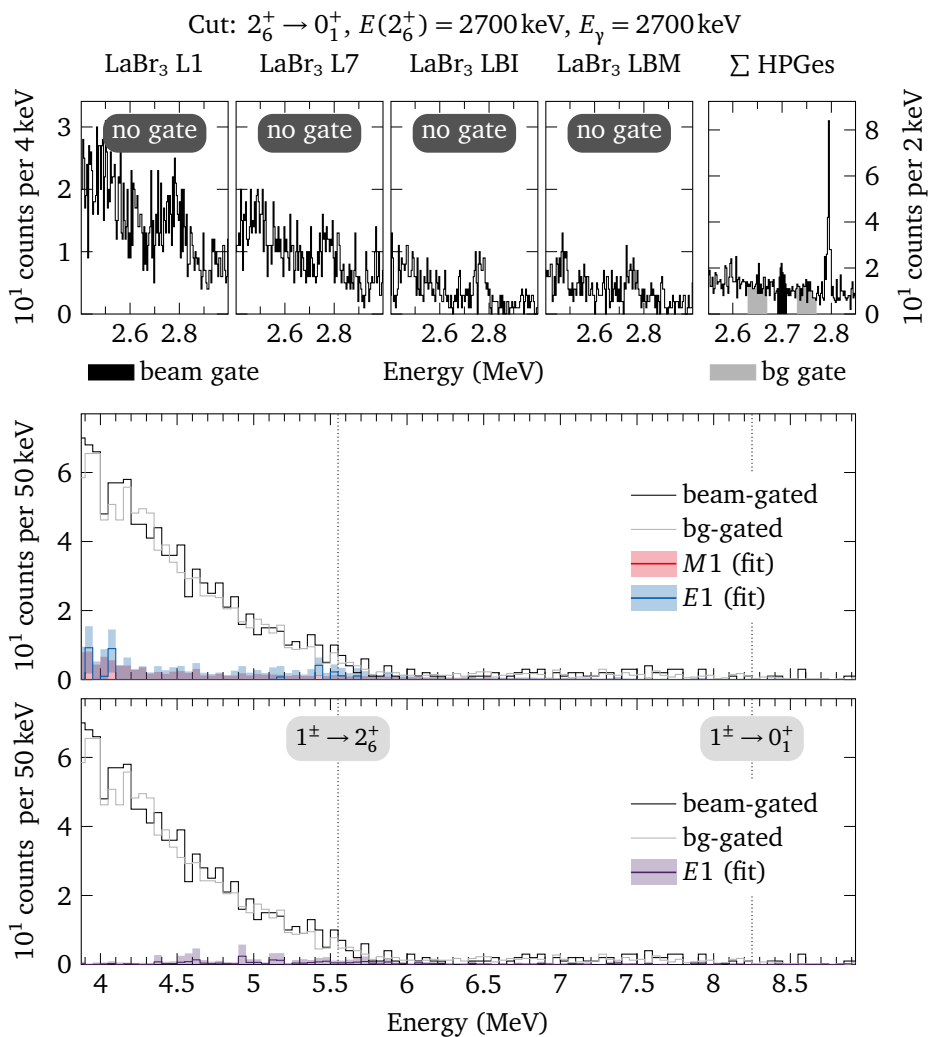


Figure 1.449: $E_{\text{beam}} = 8250 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

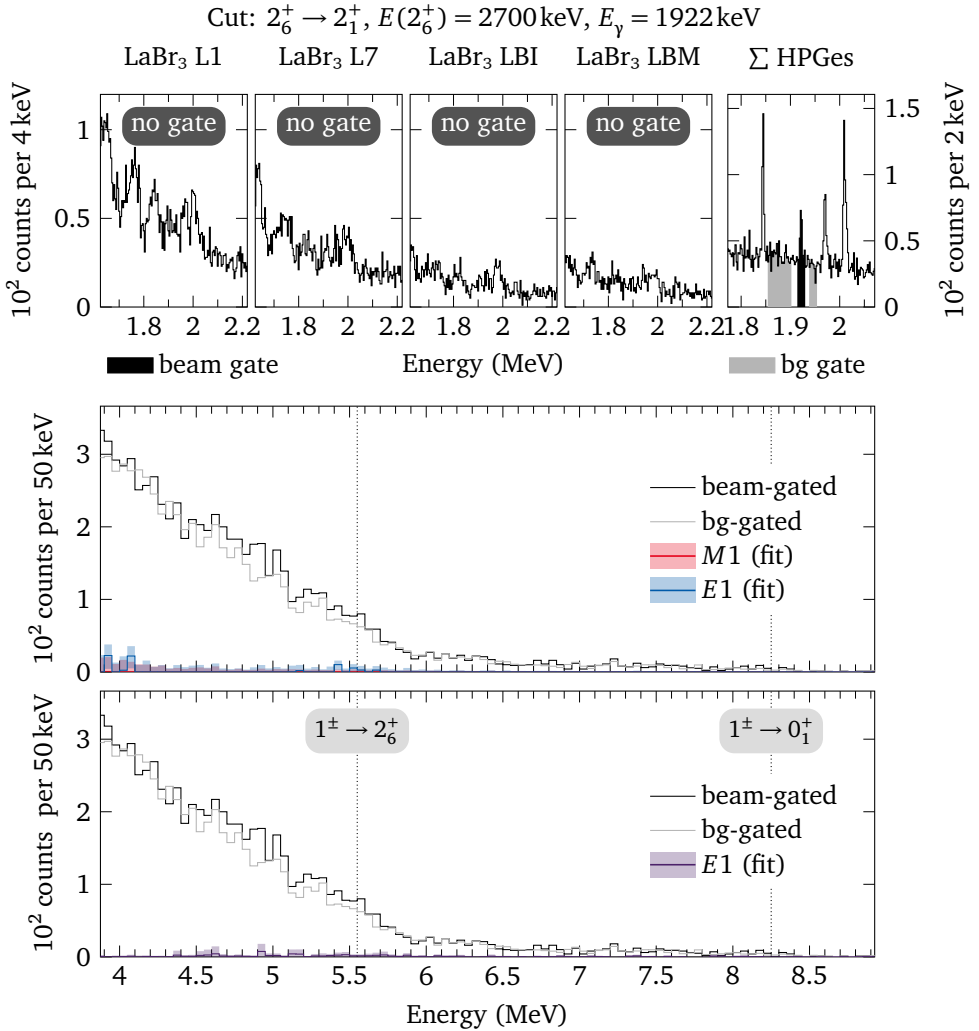


Figure 1.450: $E_{\text{beam}} = 8250\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

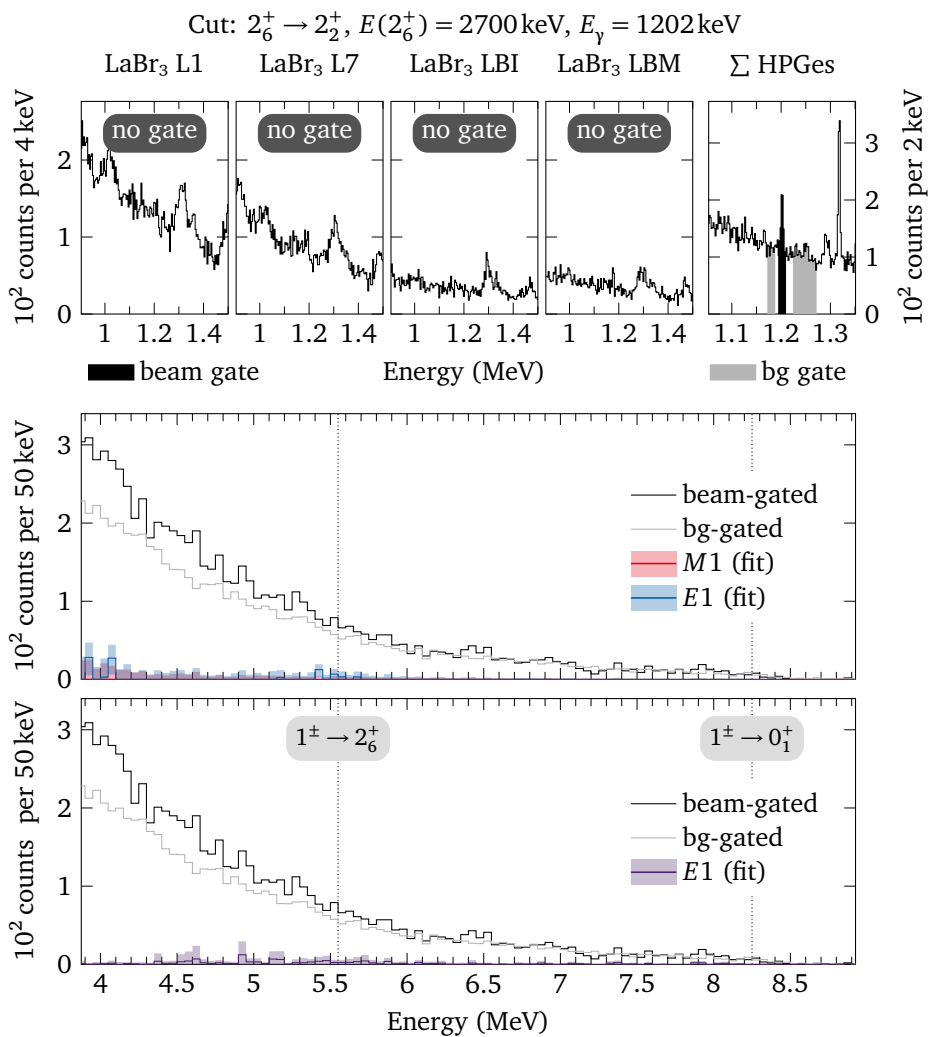


Figure 1.451: $E_{\text{beam}} = 8250 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

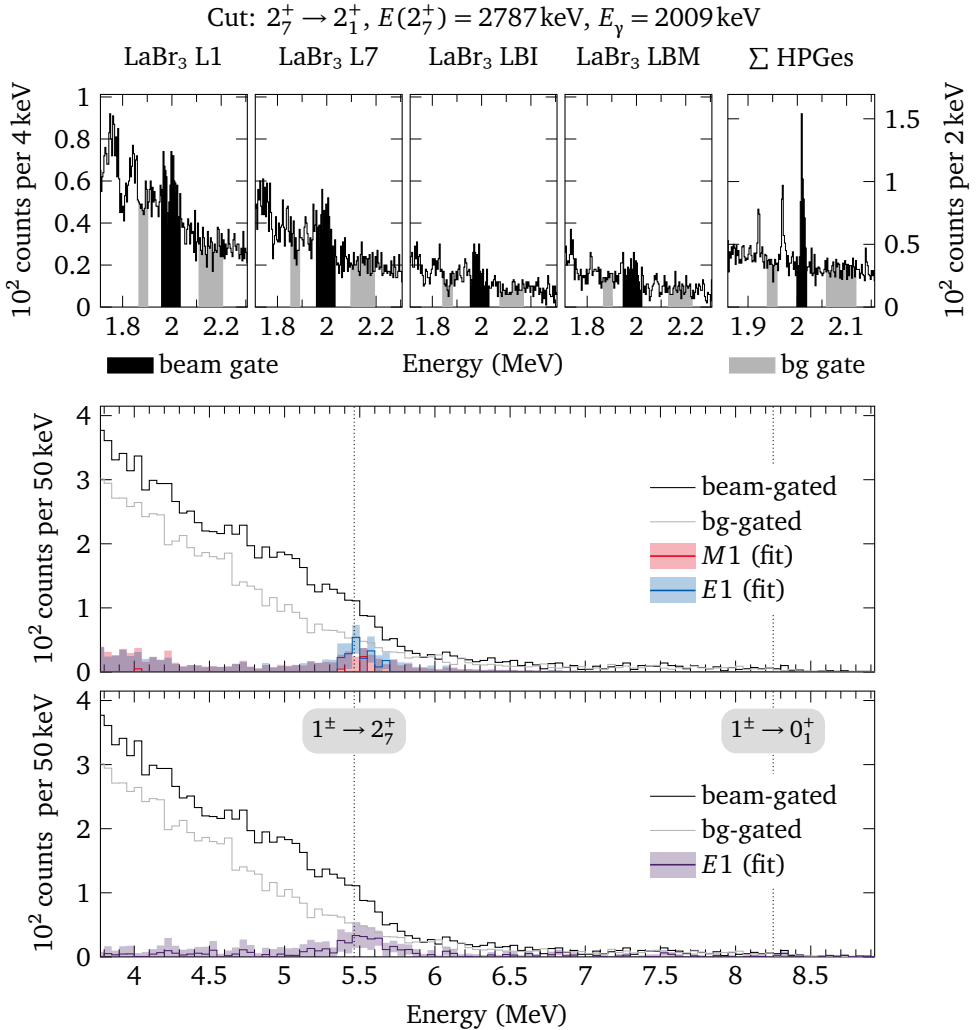


Figure 1.452: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

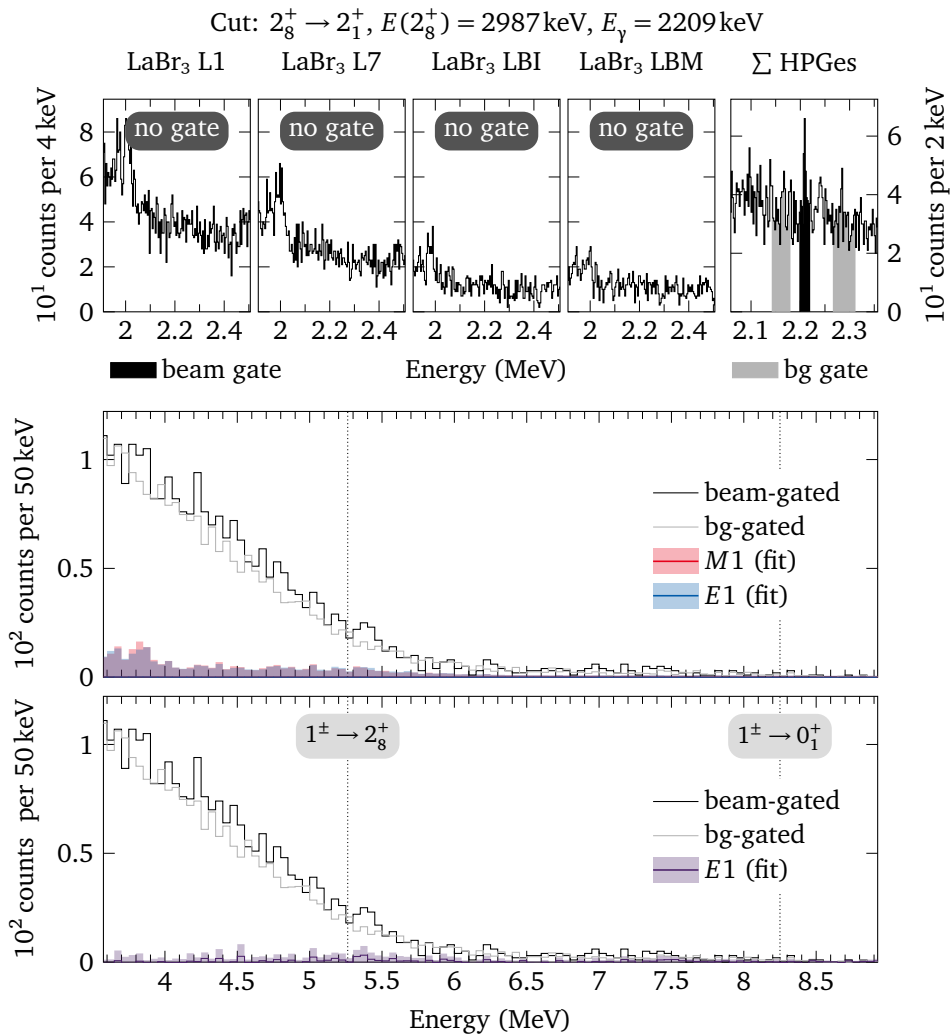


Figure 1.453: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

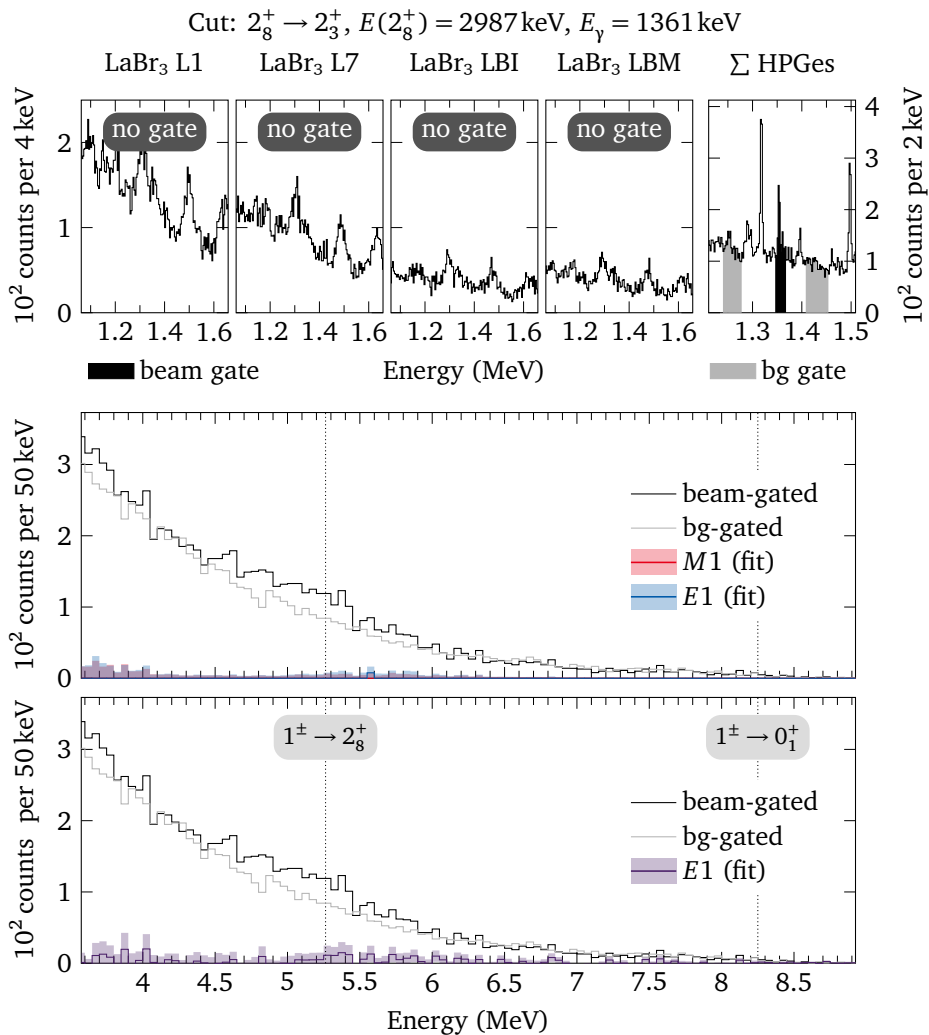


Figure 1.454: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

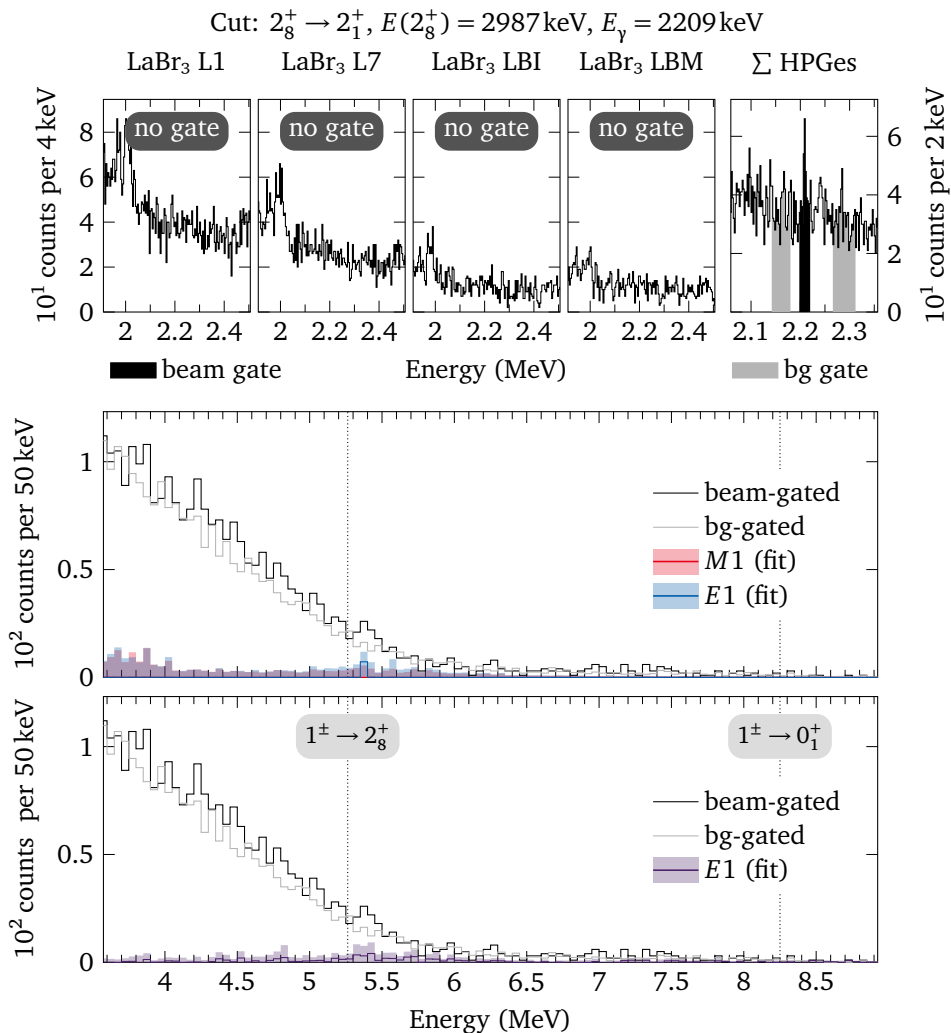


Figure 1.455: $E_{\text{beam}} = 8250 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

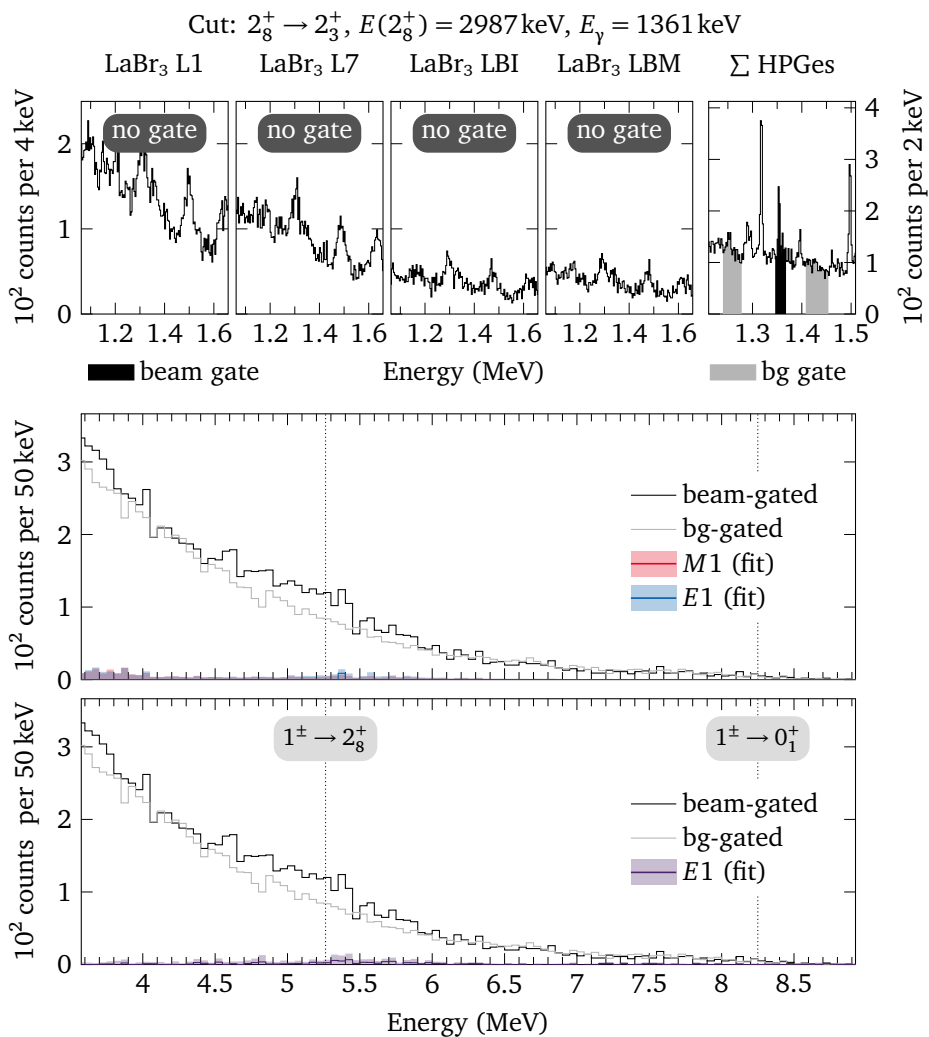


Figure 1.456: $E_{\text{beam}} = 8250 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

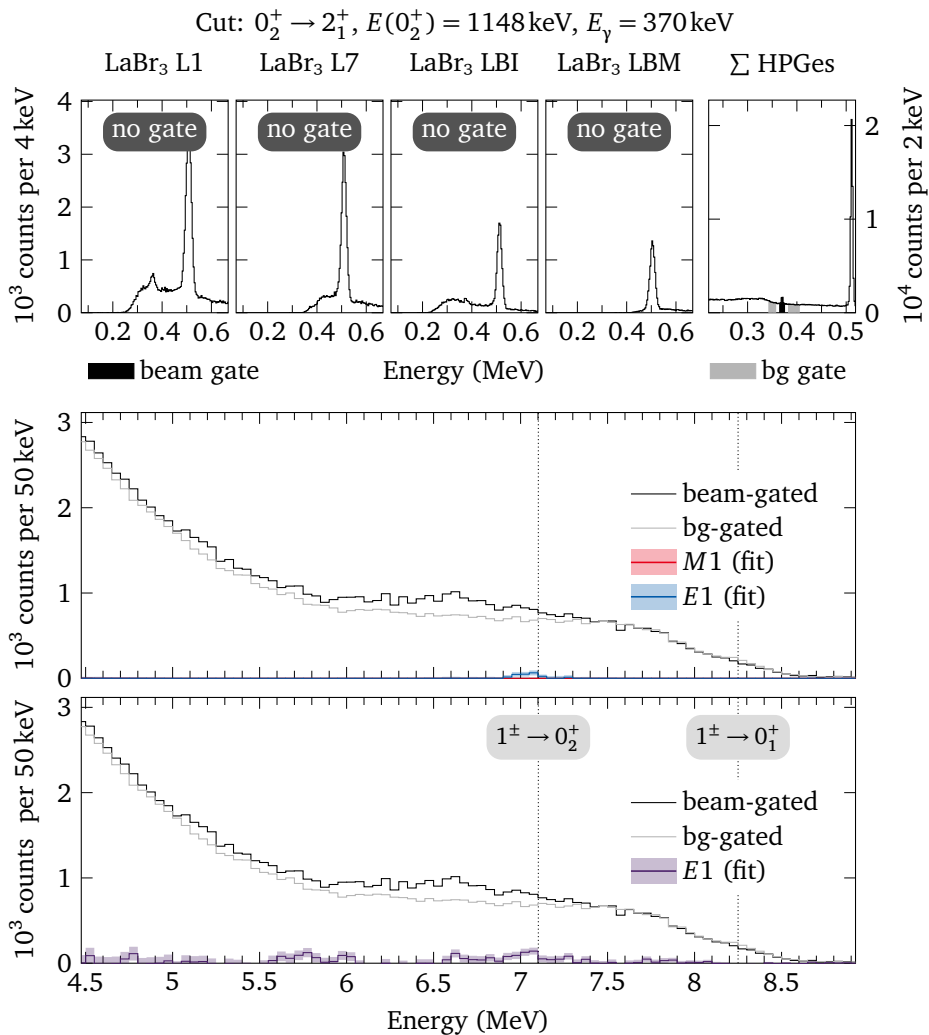


Figure 1.457: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

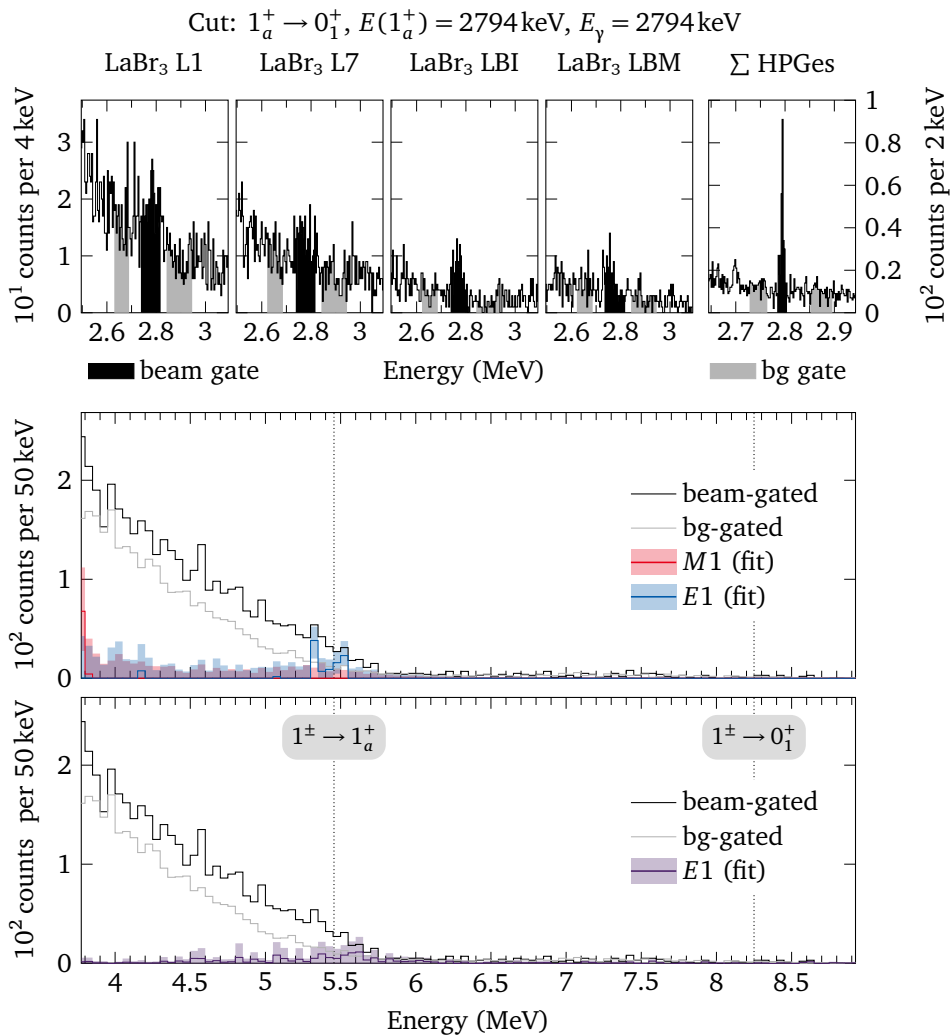


Figure 1.458: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

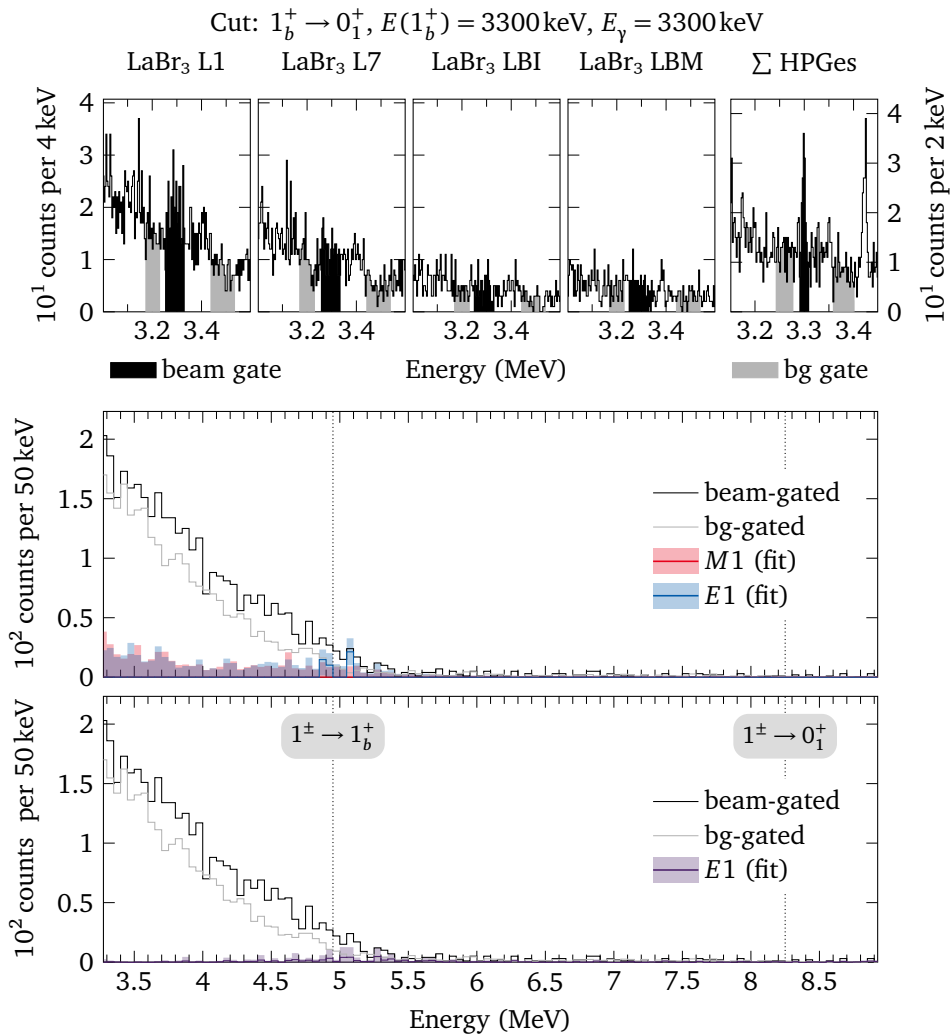


Figure 1.459: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

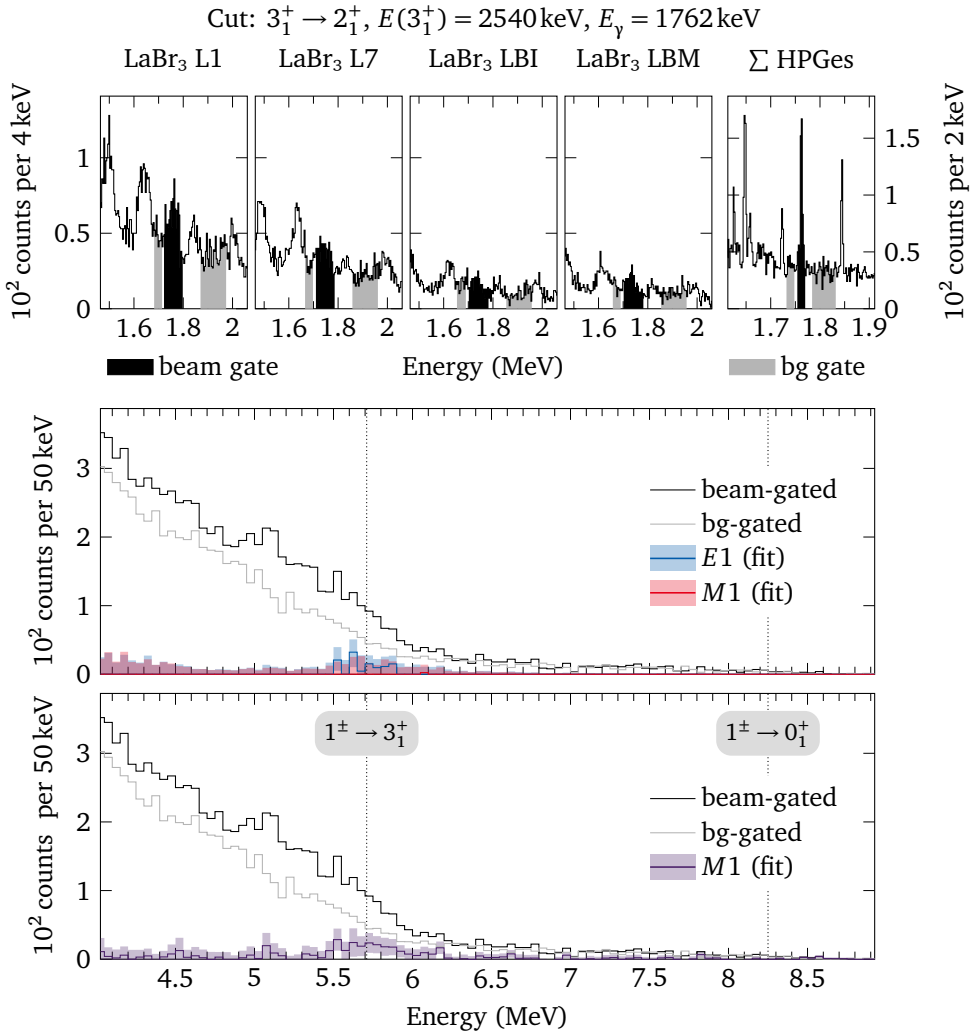


Figure 1.460: $E_{\text{beam}} = 8250 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

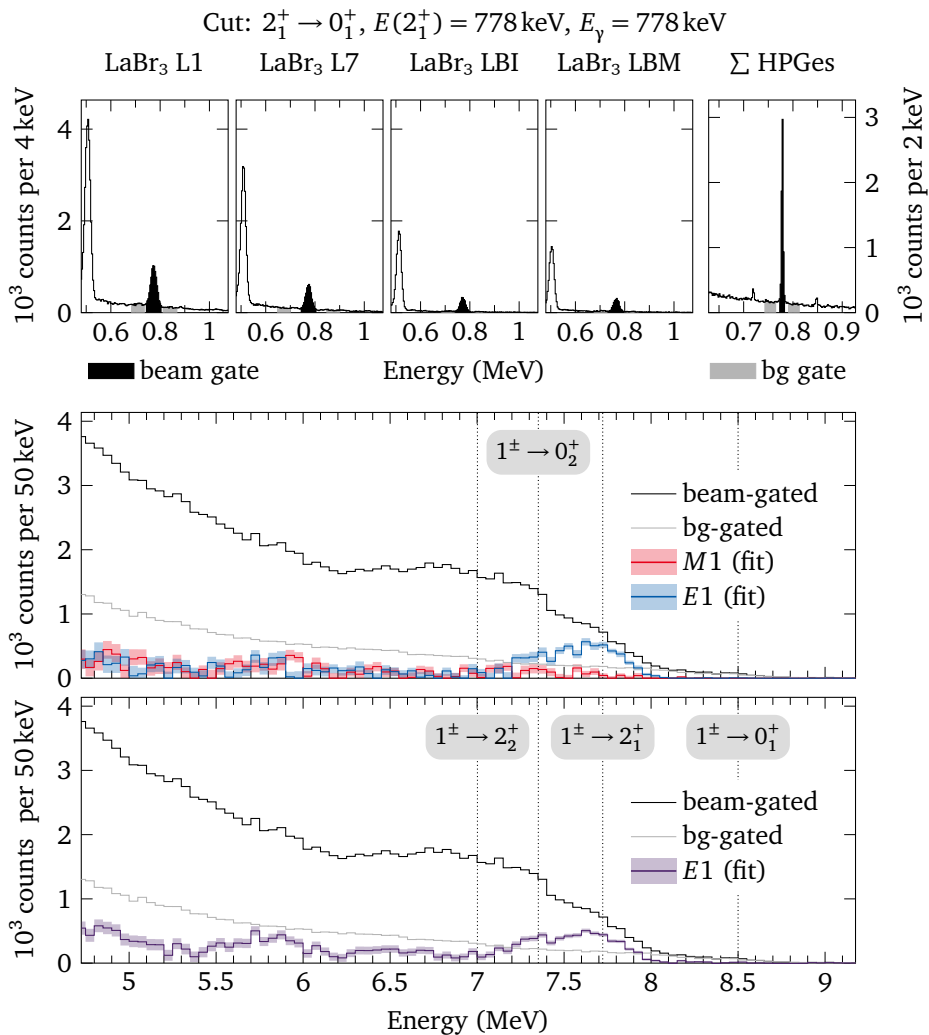


Figure 1.461: $E_{\text{beam}} = 8500 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

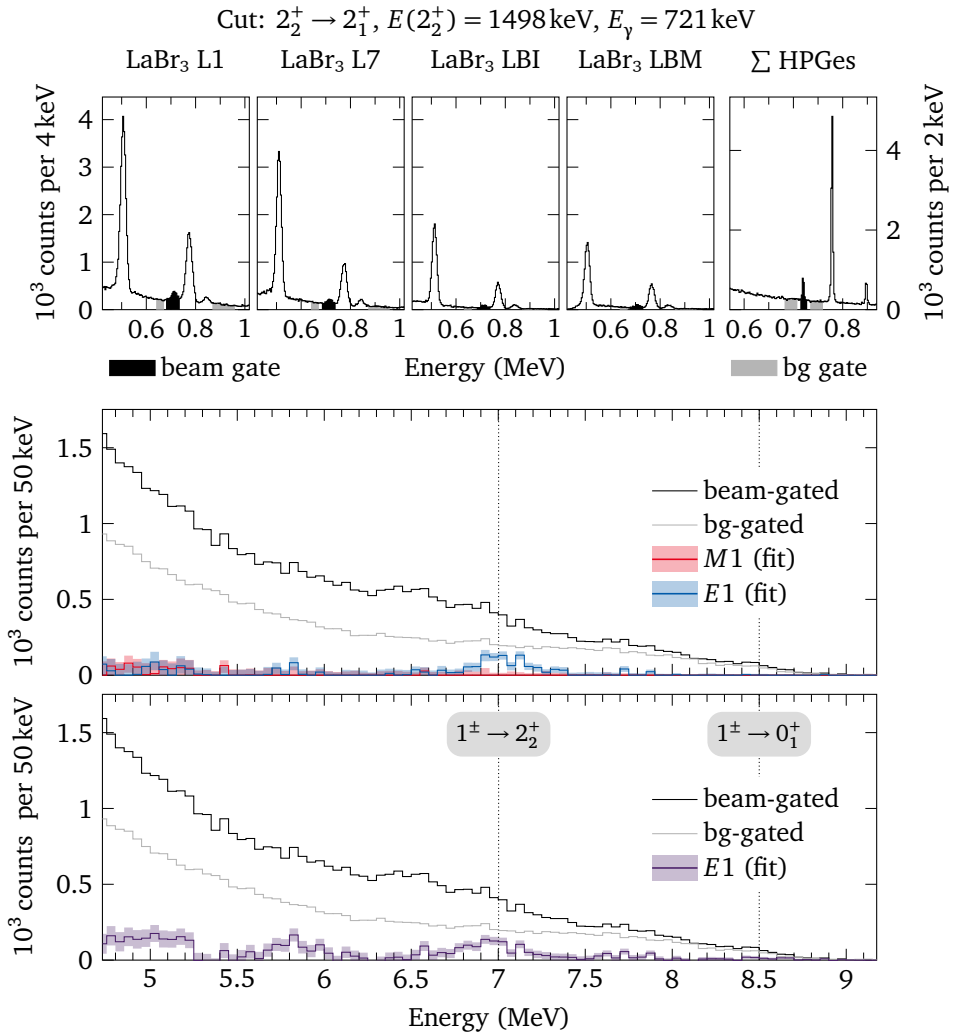


Figure 1.463: $E_{\text{beam}} = 8500 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

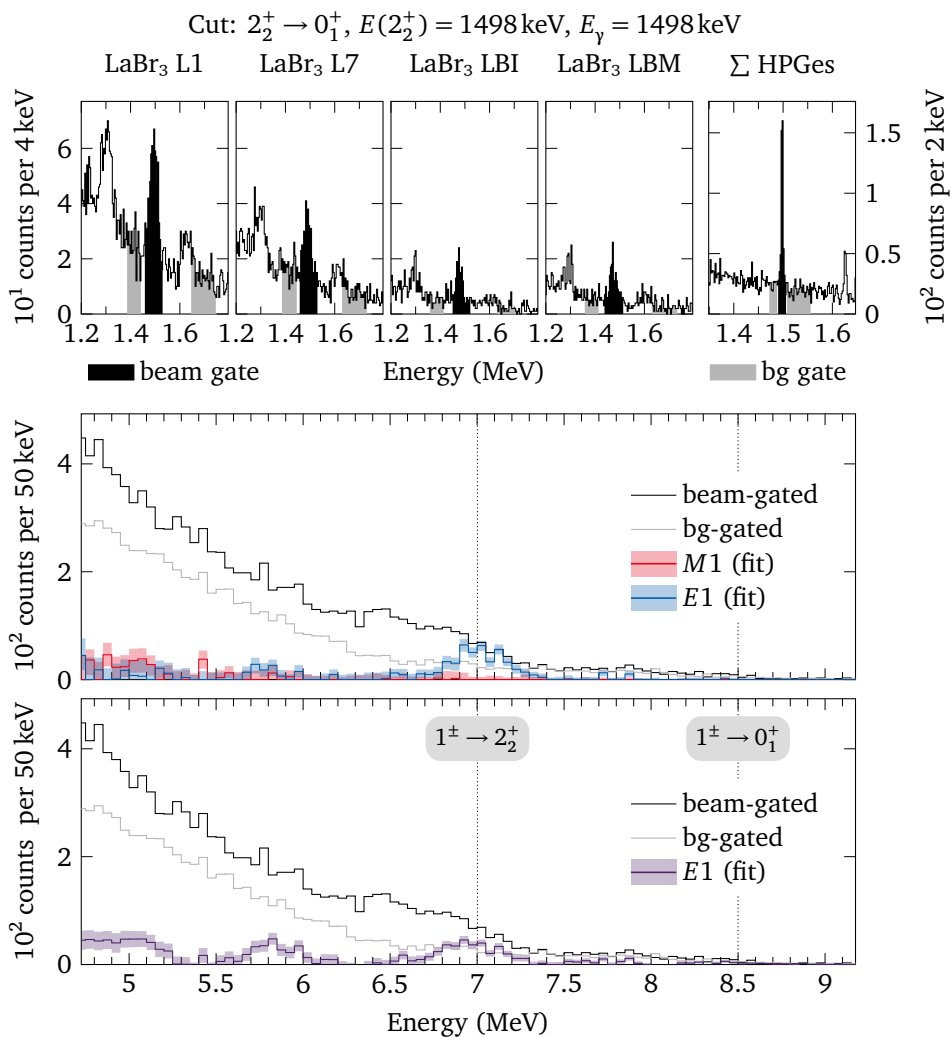


Figure 1.464: $E_{\text{beam}} = 8500 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

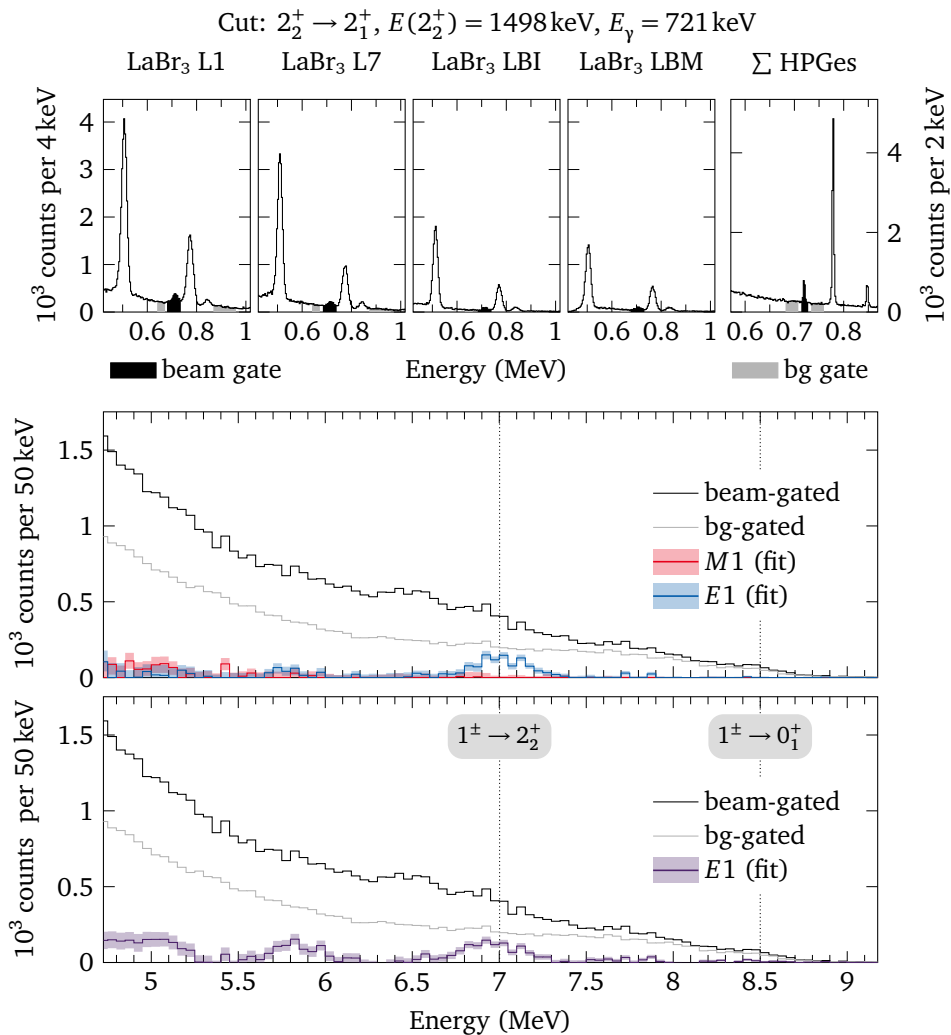


Figure 1.465: $E_{\text{beam}} = 8500 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

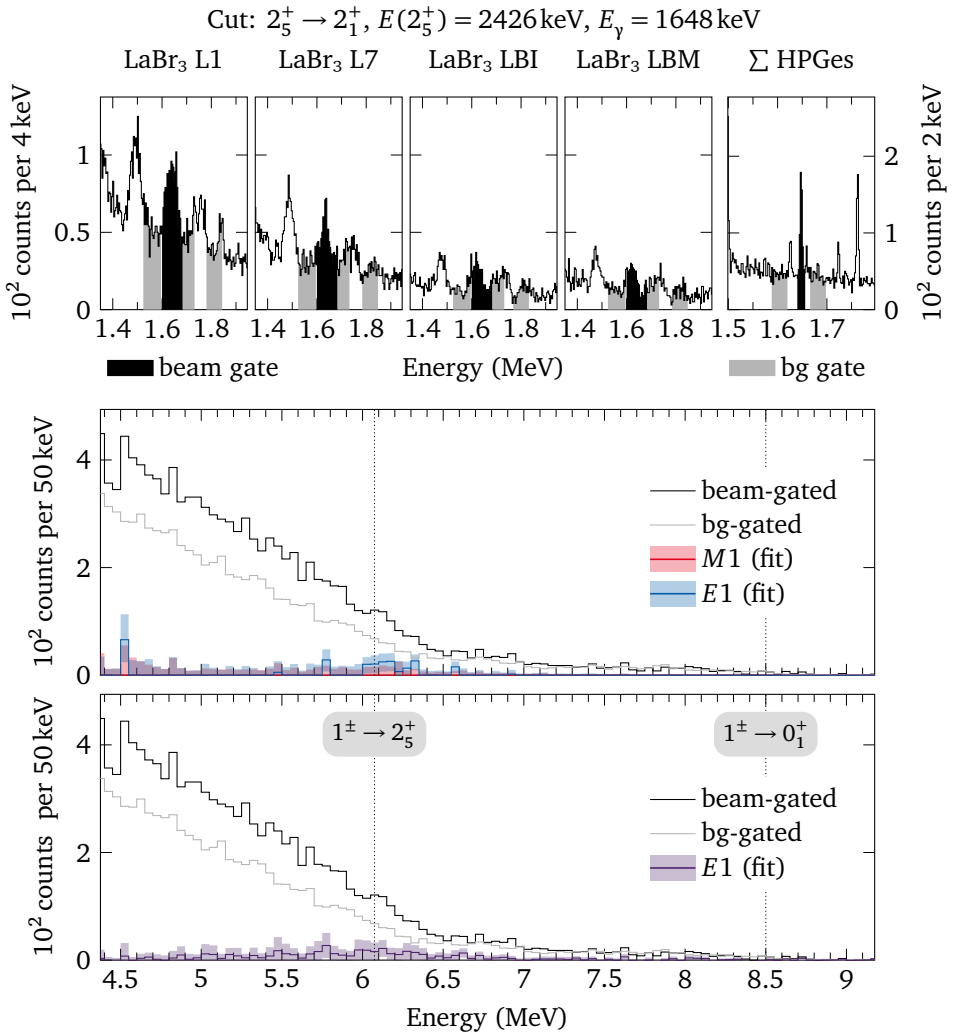


Figure 1.468: $E_{\text{beam}} = 8500 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

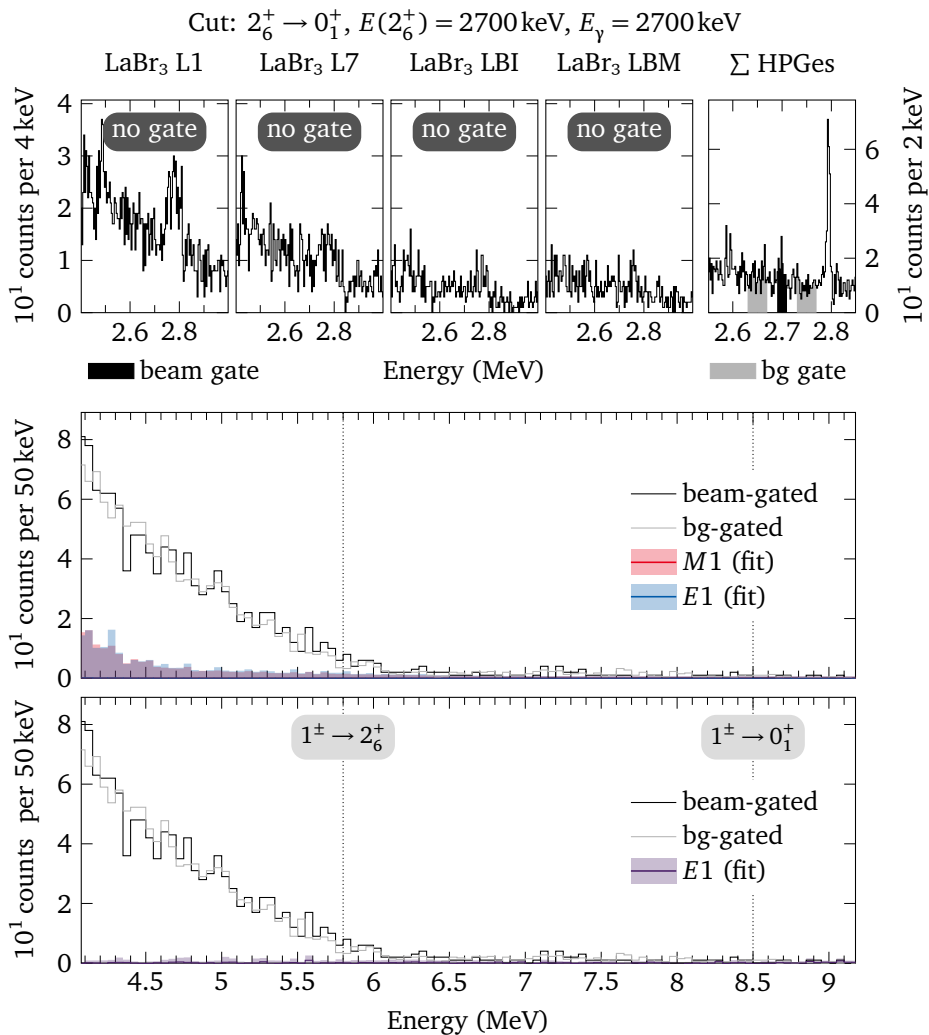


Figure 1.469: $E_{\text{beam}} = 8500$ keV, gating on the transition $2_6^+ \rightarrow 0_1^+$.

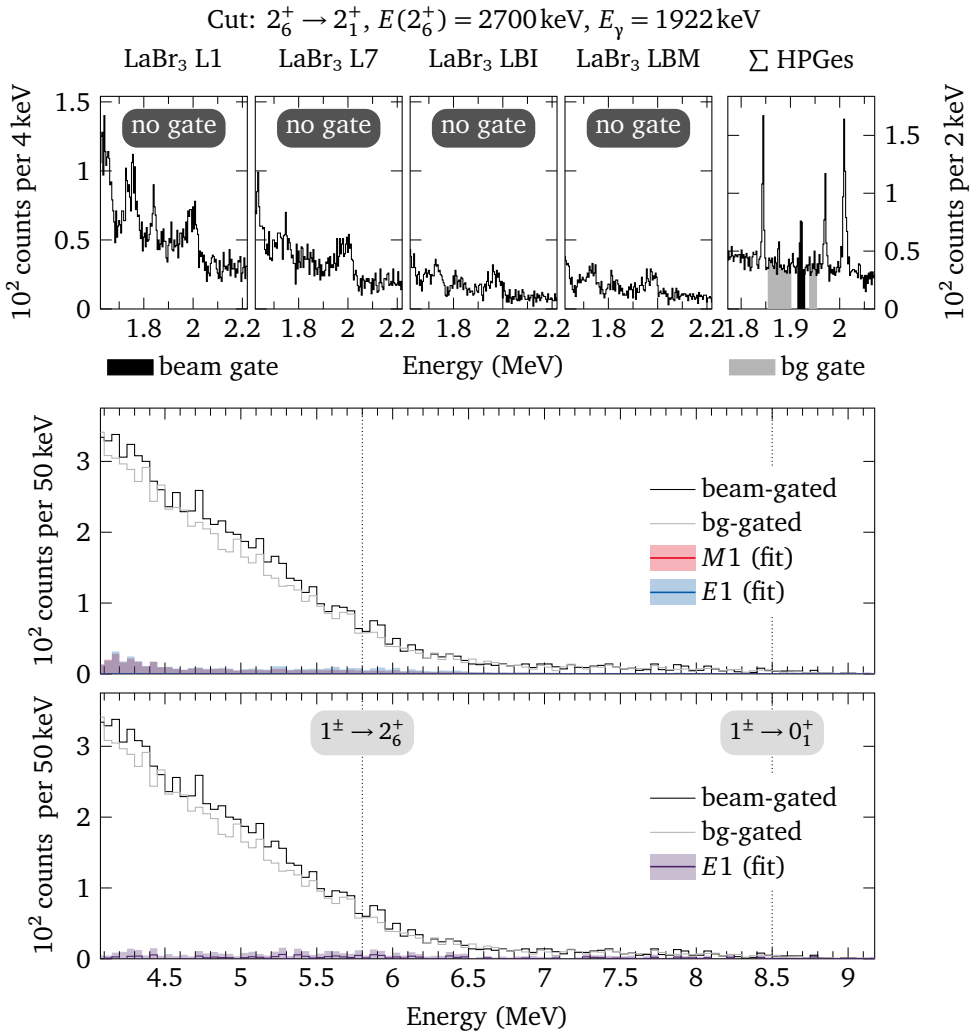


Figure 1.470: $E_{\text{beam}} = 8500 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

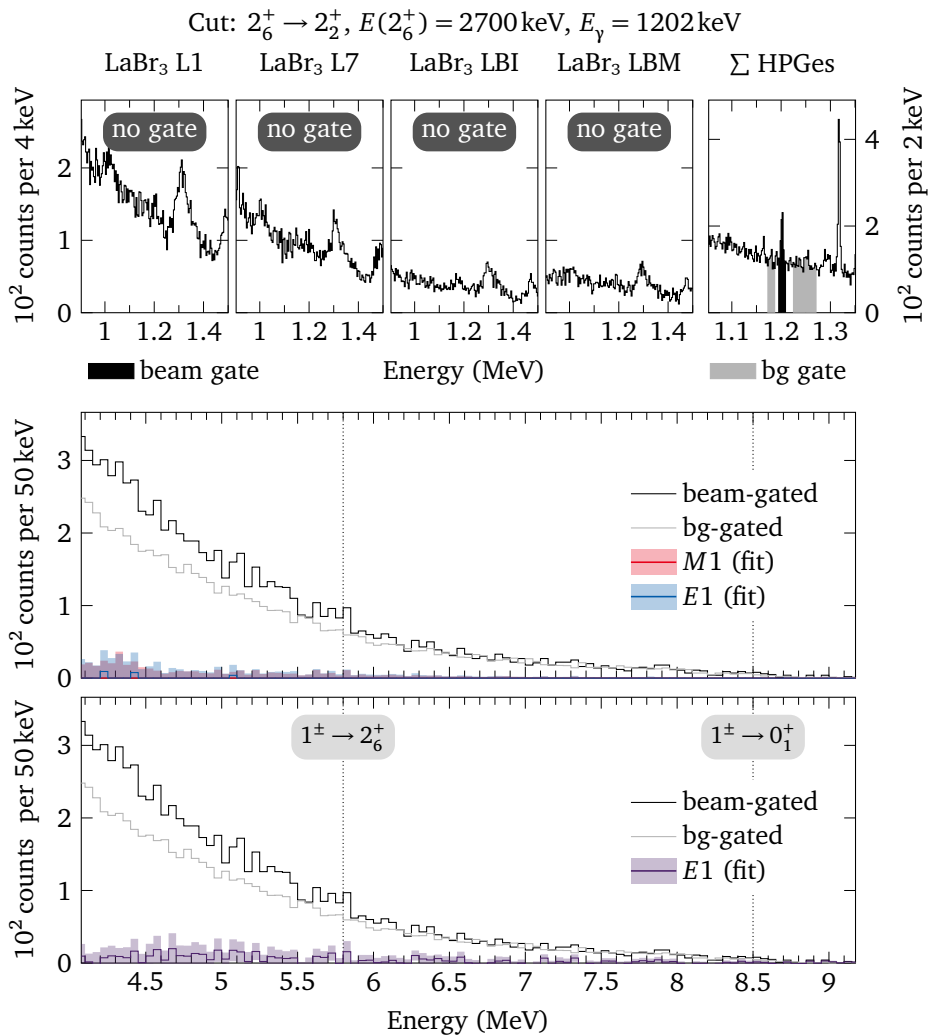


Figure 1.471: $E_{\text{beam}} = 8500 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

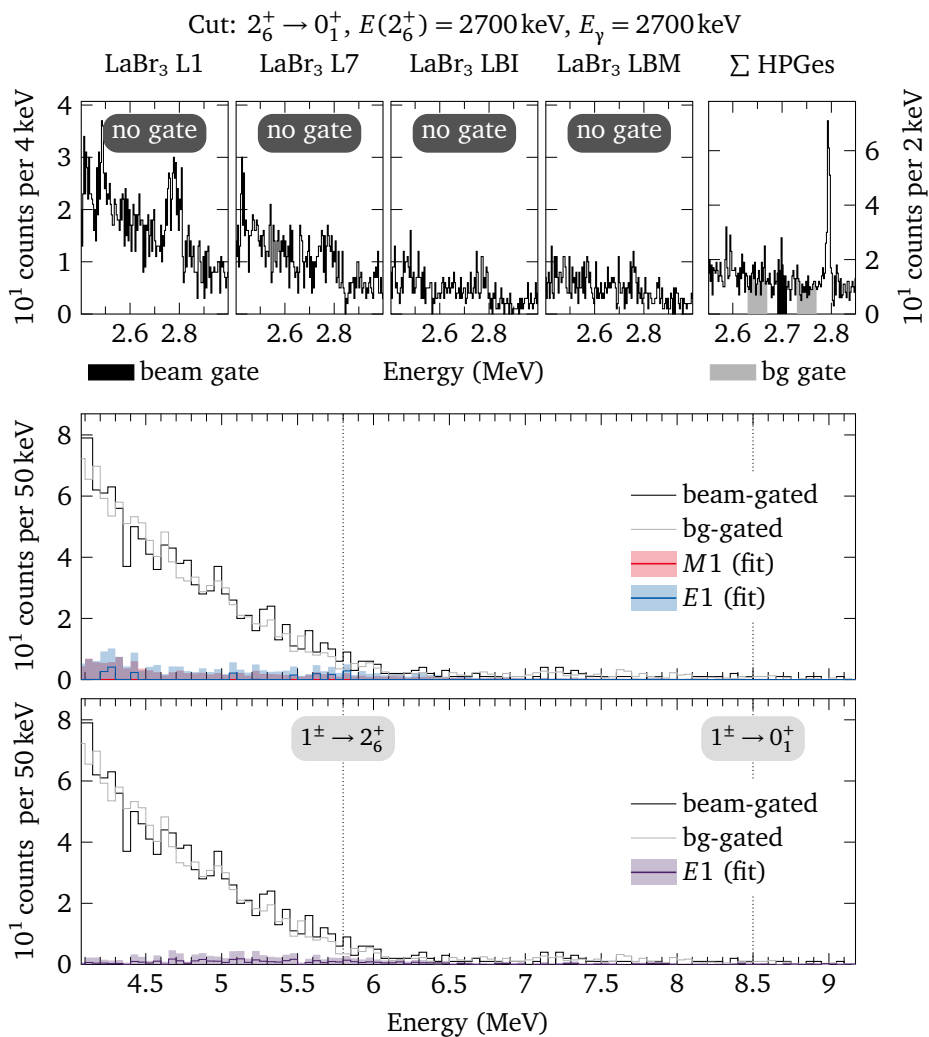


Figure 1.472: $E_{\text{beam}} = 8500 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

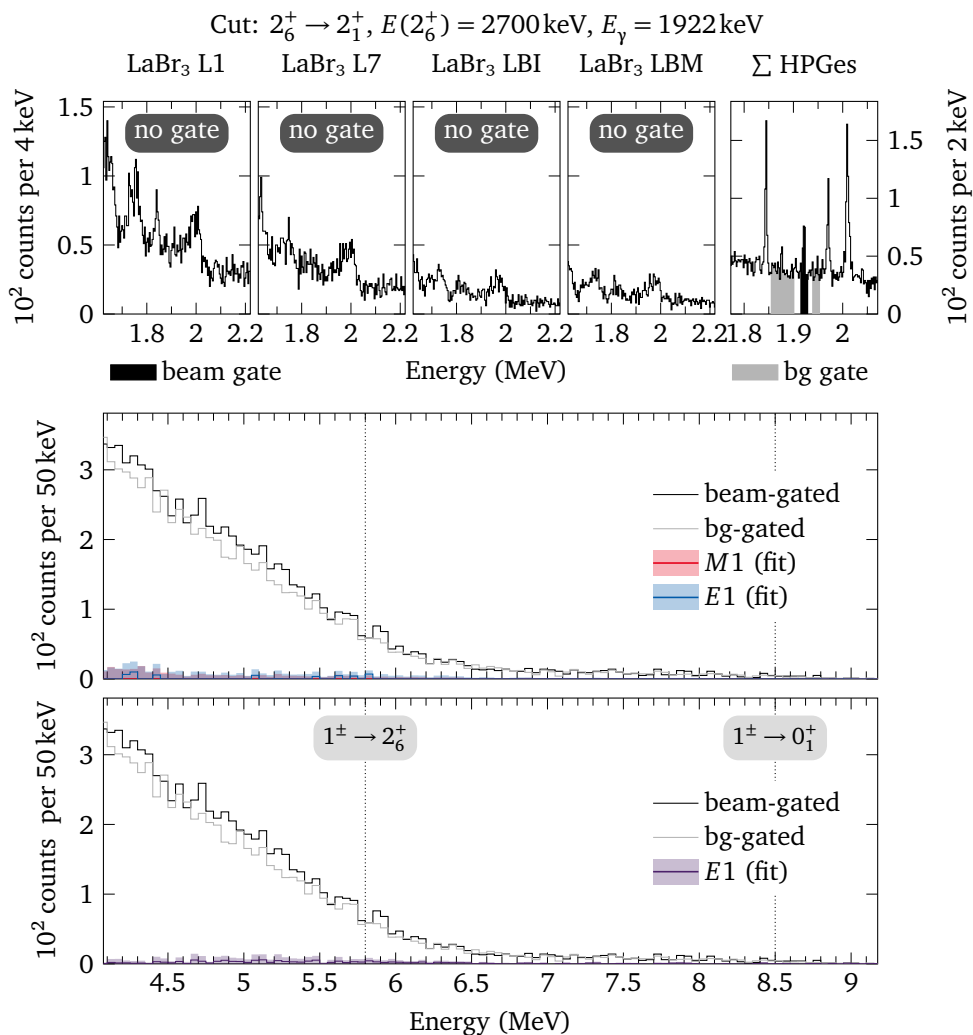


Figure 1.473: $E_{\text{beam}} = 8500\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

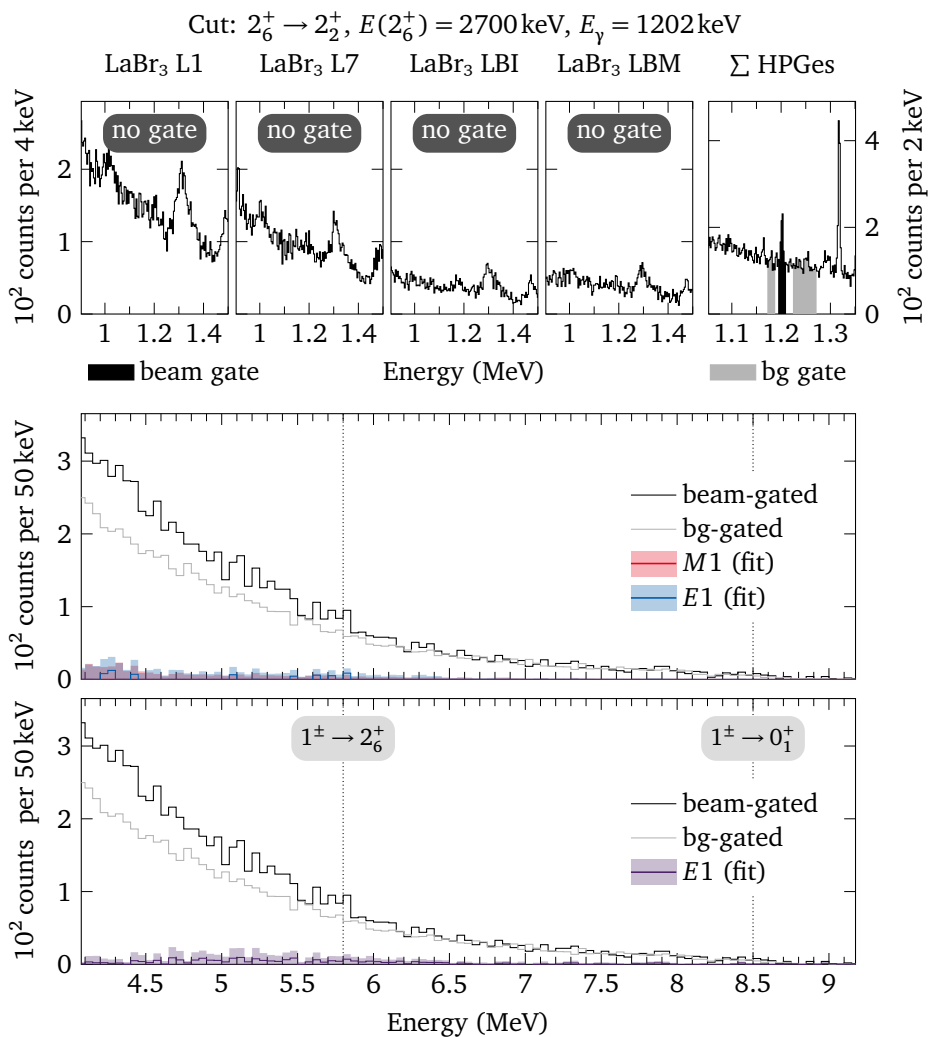


Figure 1.474: $E_{\text{beam}} = 8500 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

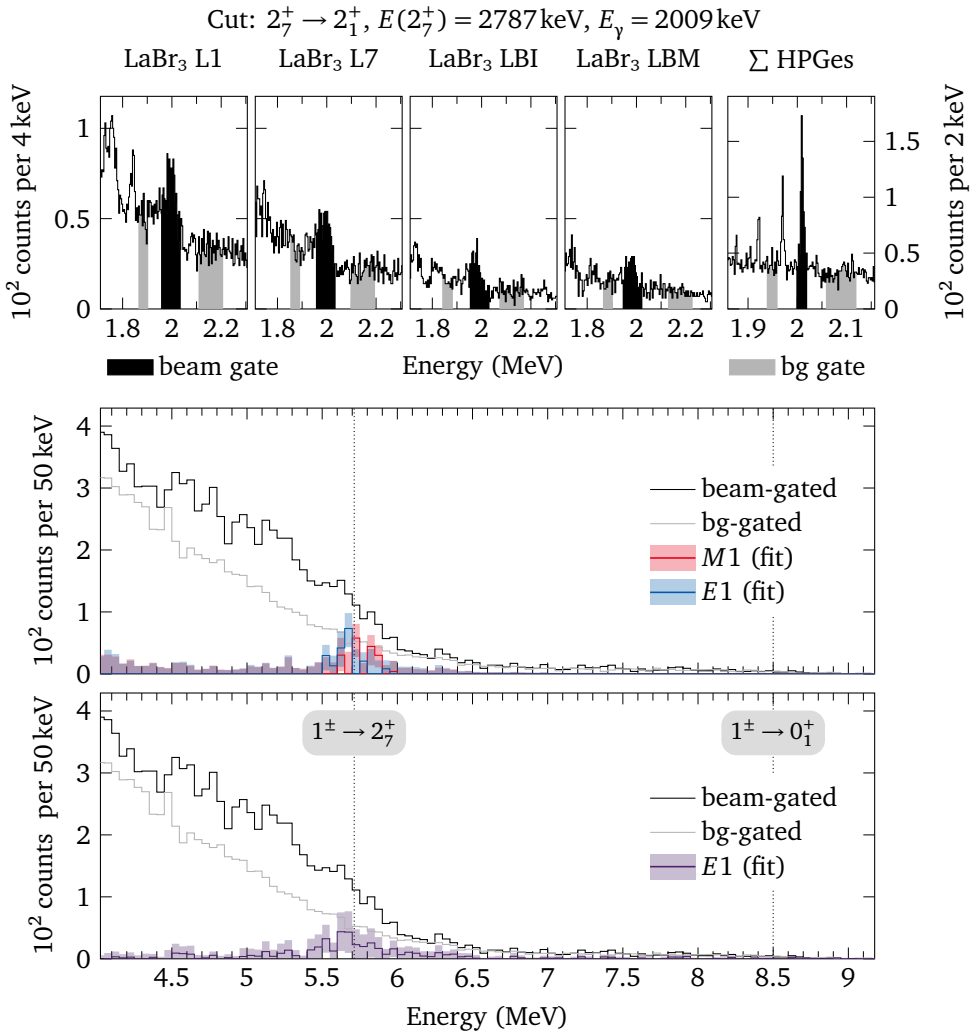


Figure 1.475: $E_{\text{beam}} = 8500 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

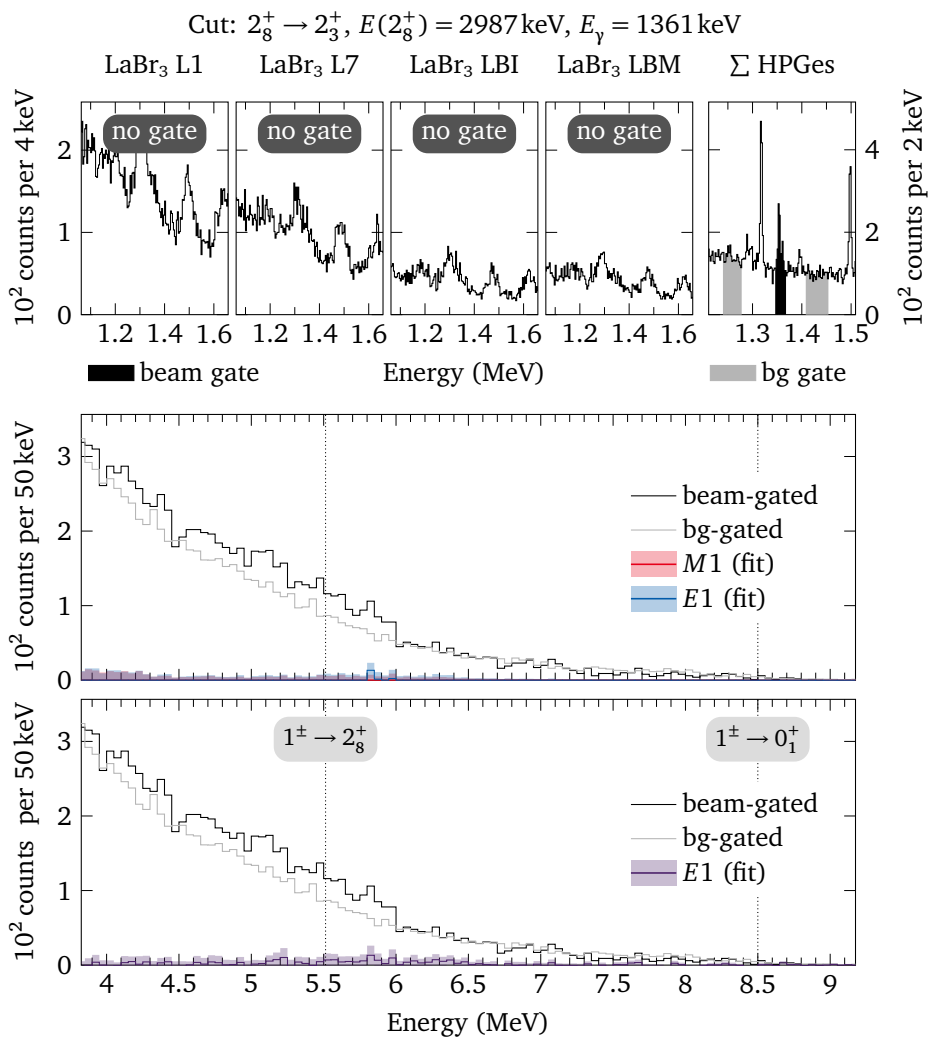


Figure 1.477: $E_{\text{beam}} = 8500 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

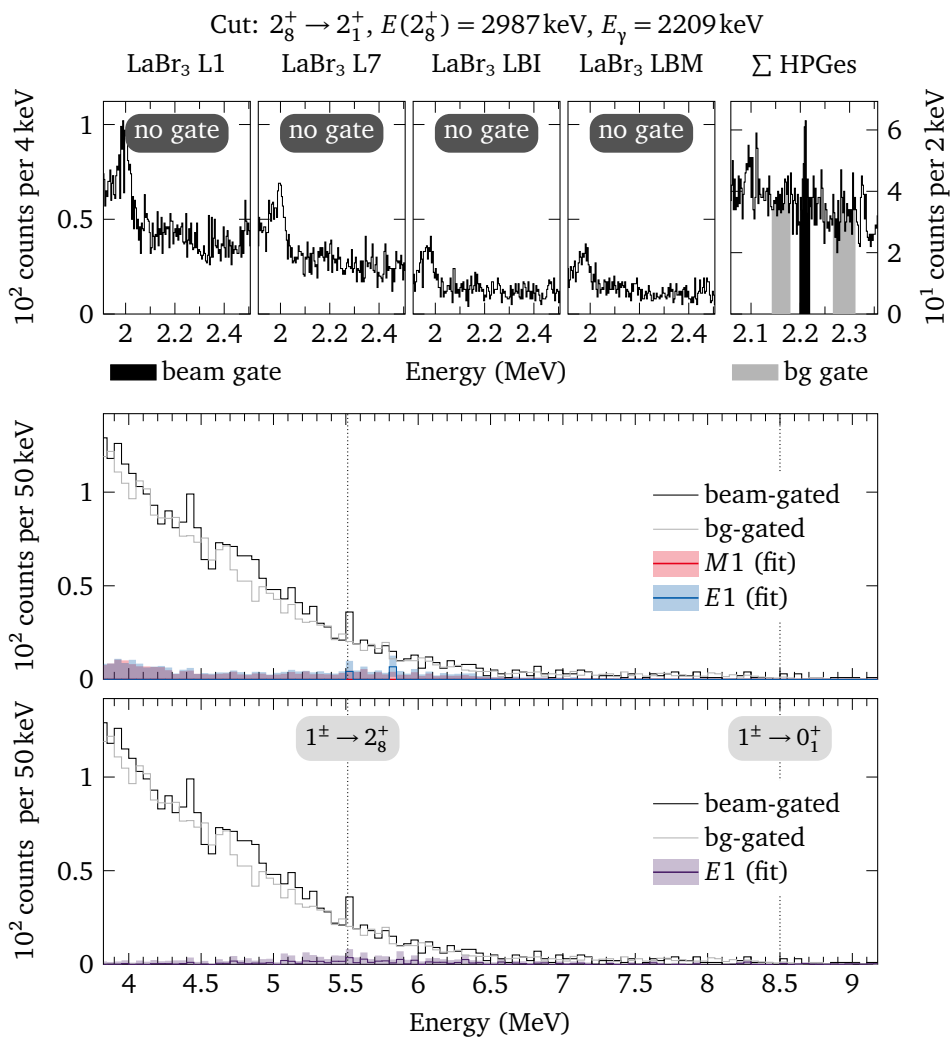


Figure 1.478: $E_{\text{beam}} = 8500 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

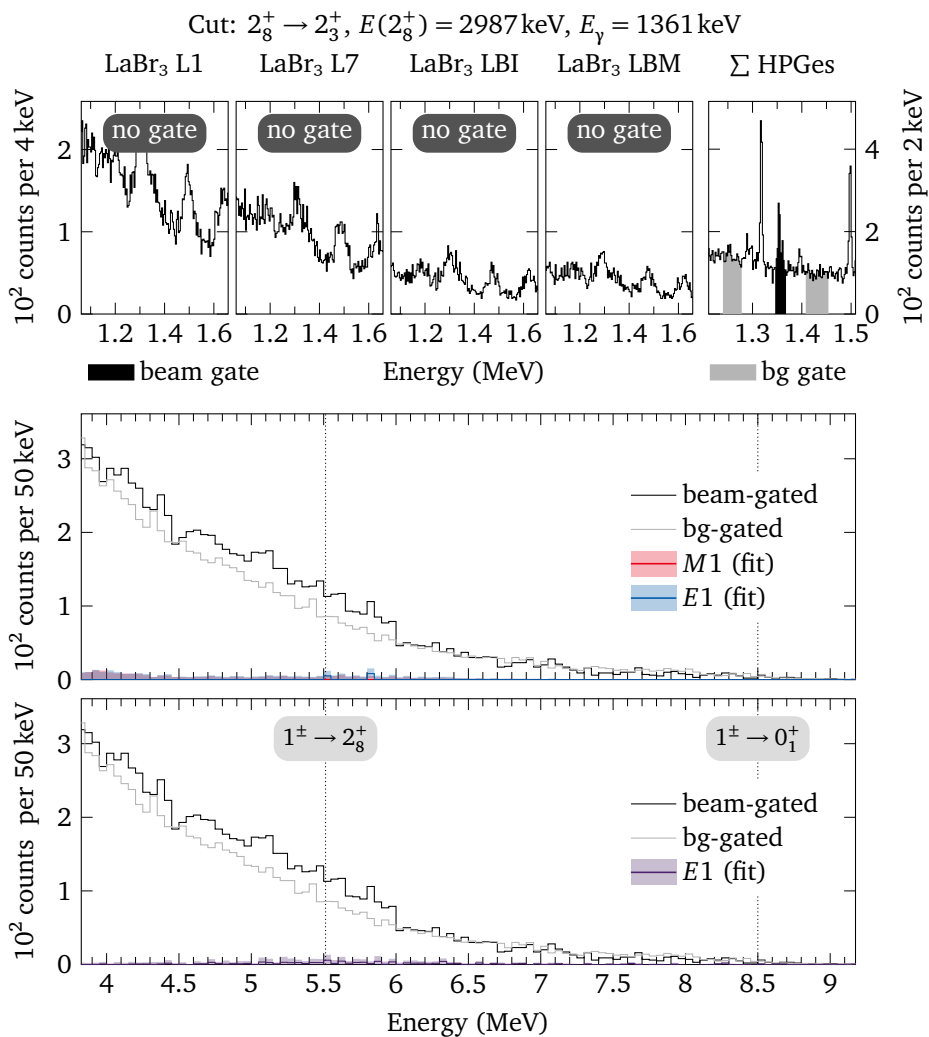


Figure 1.479: $E_{\text{beam}} = 8500 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

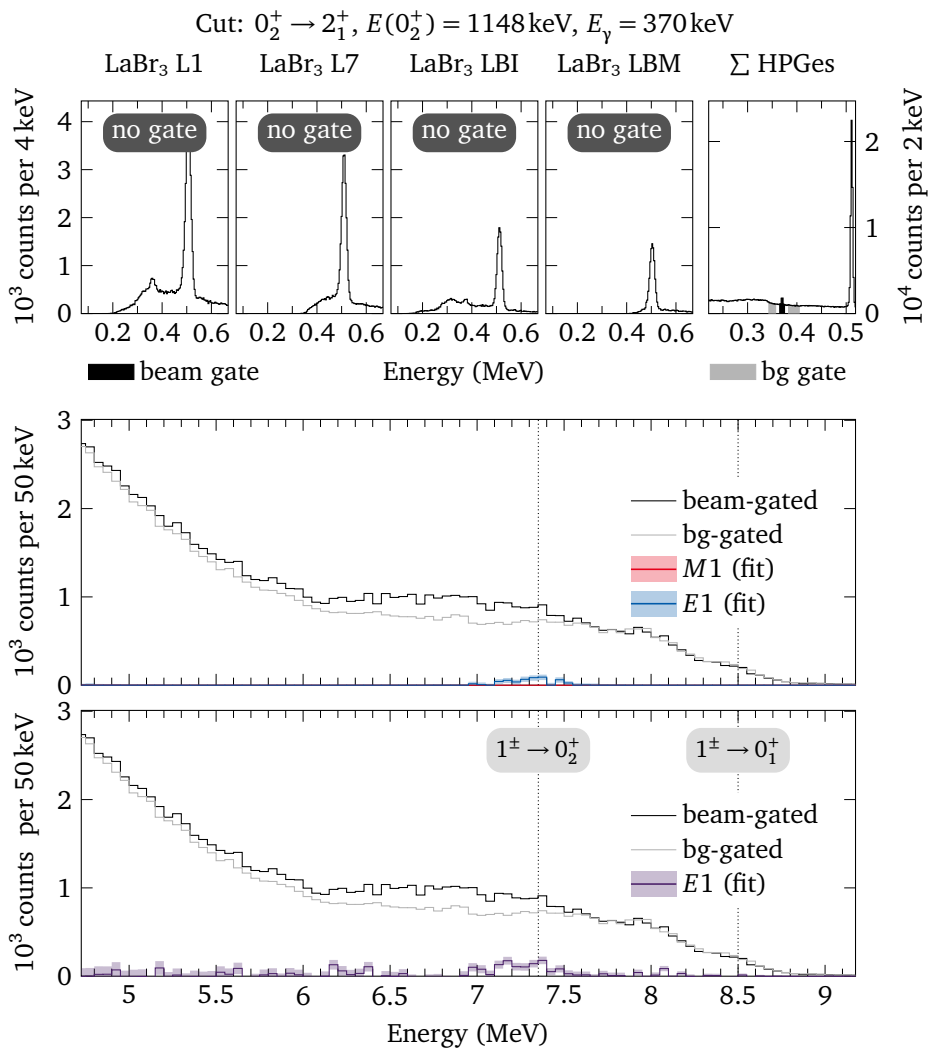


Figure 1.480: $E_{\text{beam}} = 8500 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

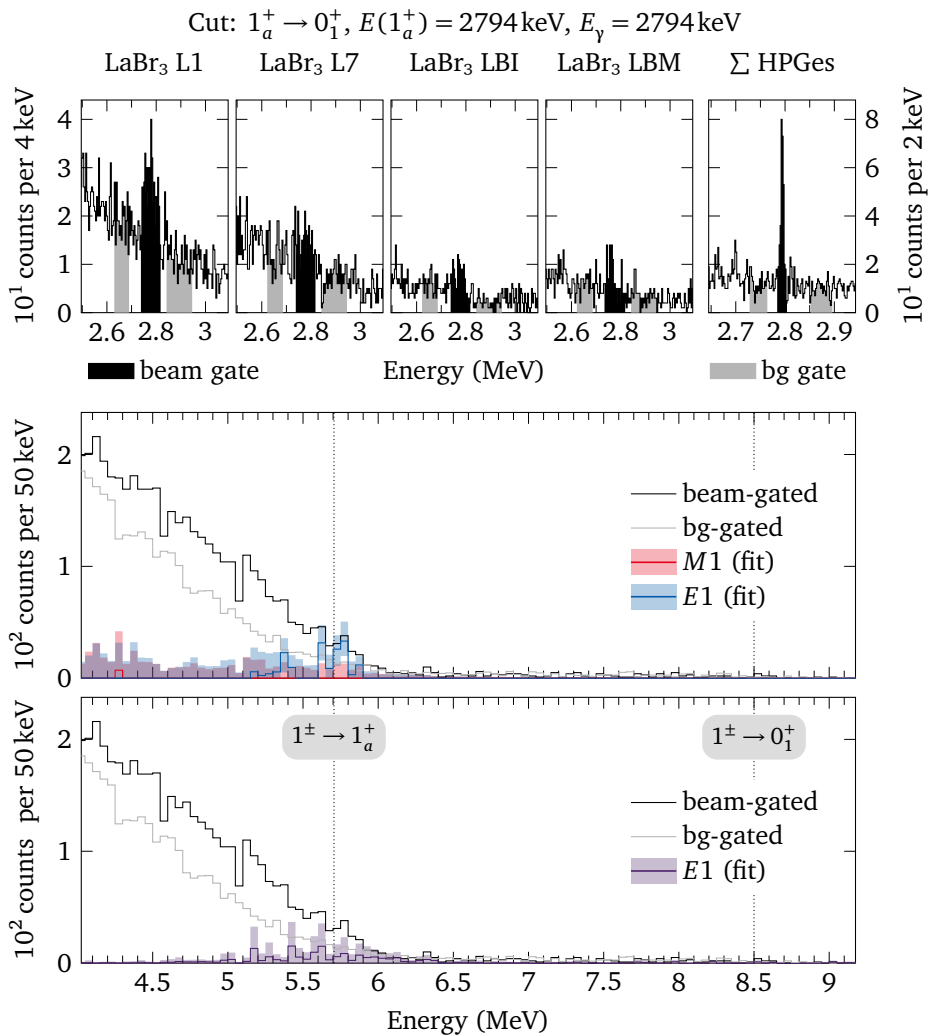


Figure 1.481: $E_{\text{beam}} = 8500 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

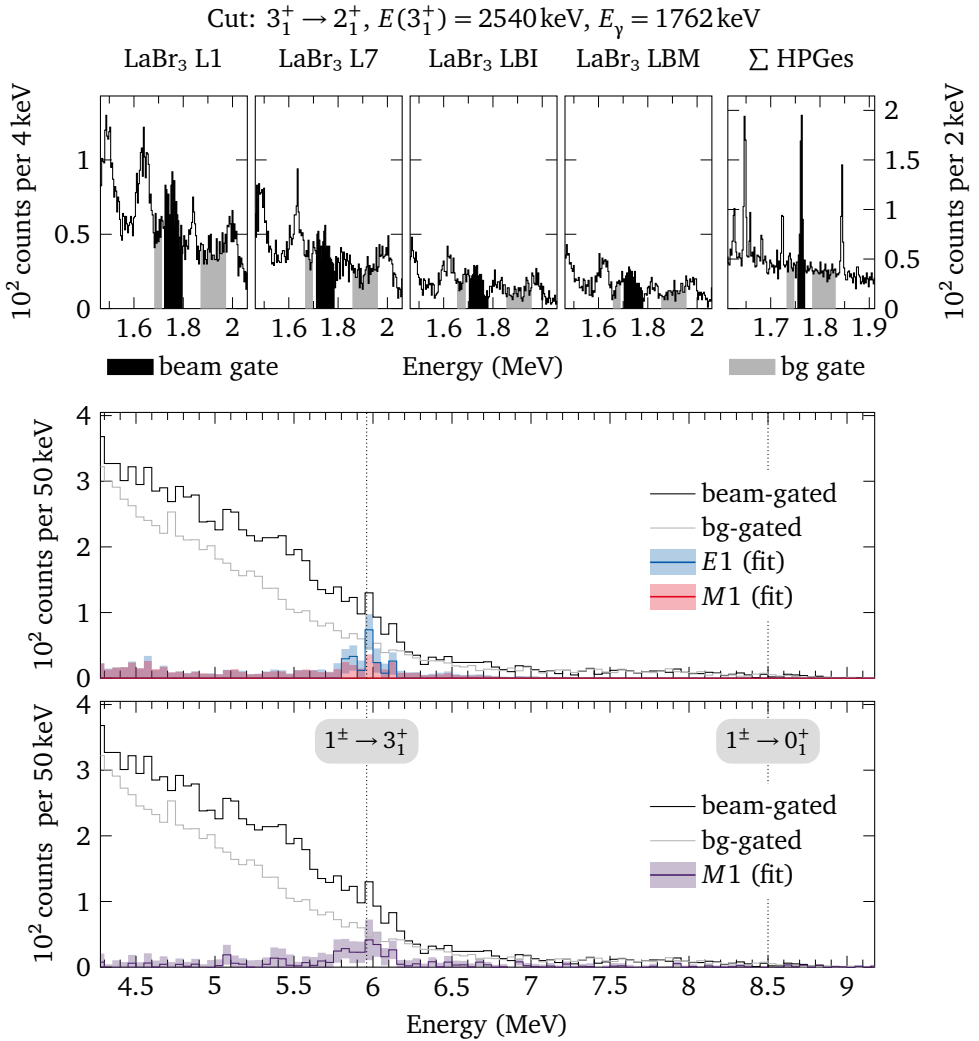


Figure 1.483: $E_{\text{beam}} = 8500 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

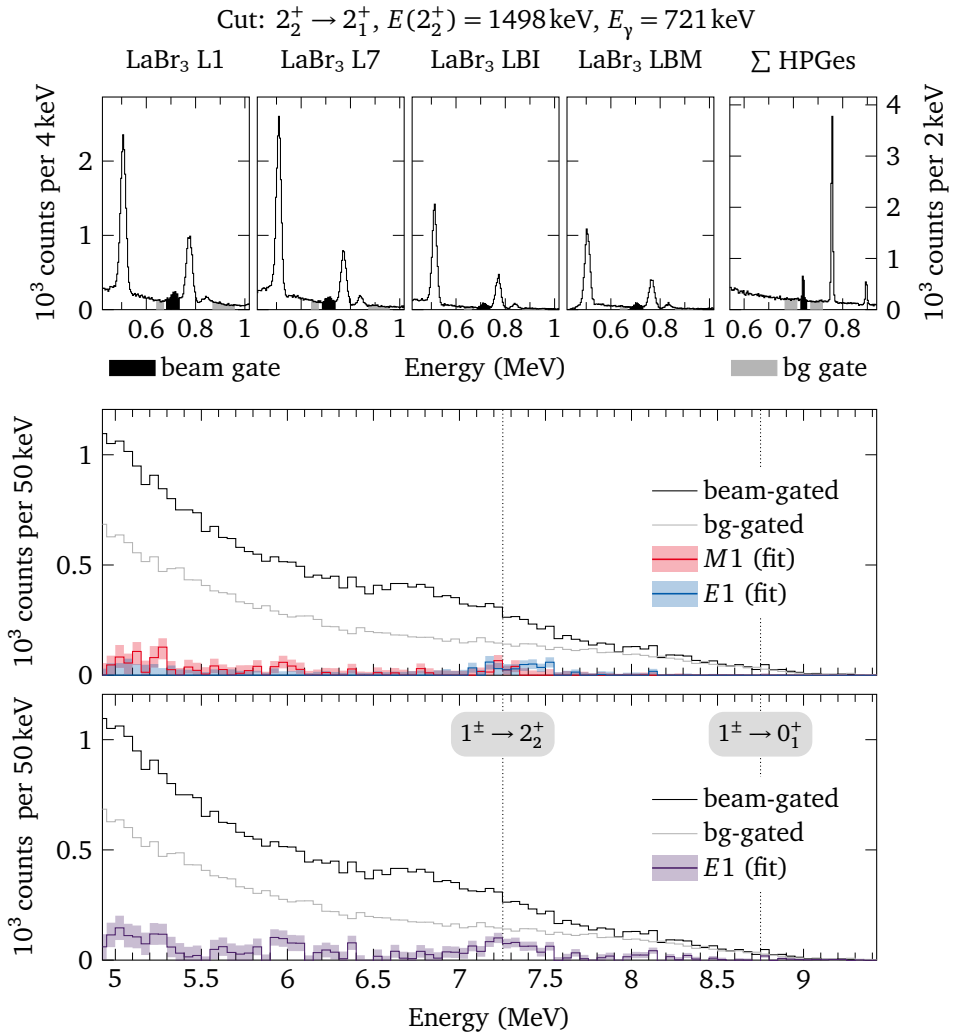


Figure 1.486: $E_{\text{beam}} = 8750 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

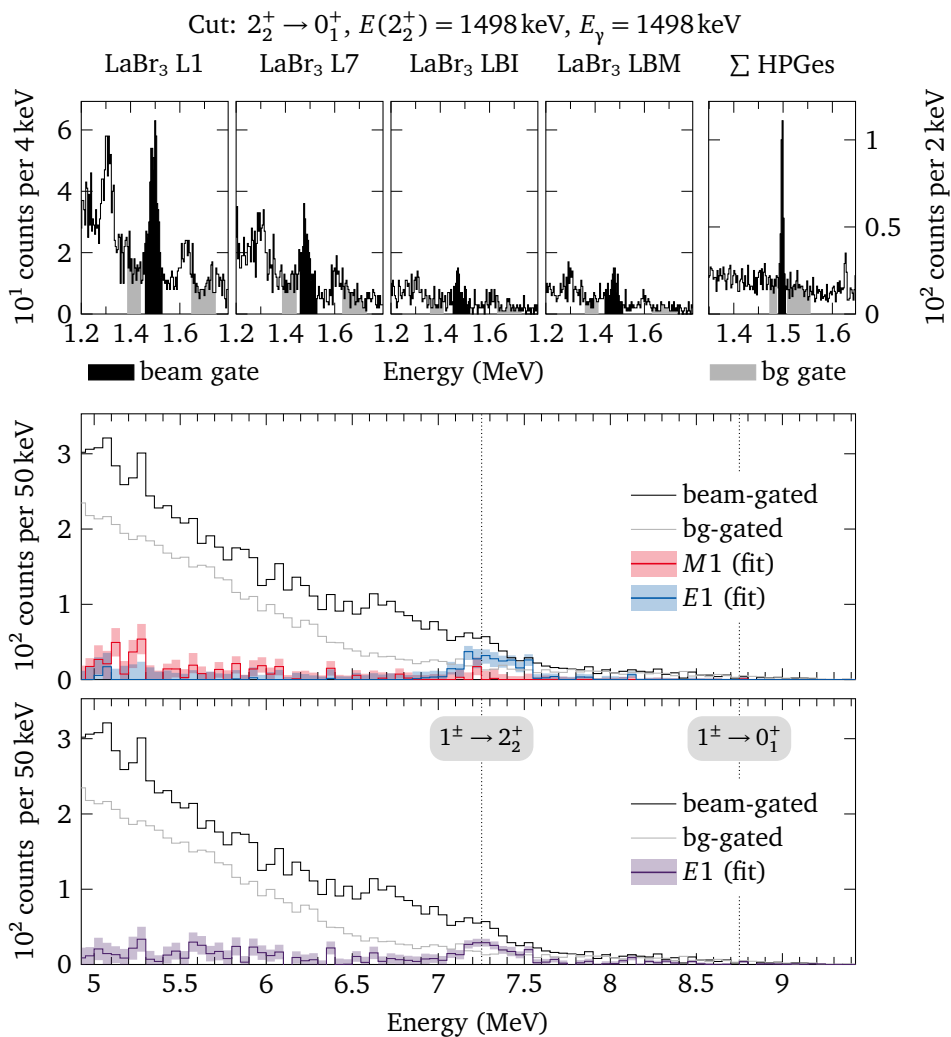


Figure 1.487: $E_{\text{beam}} = 8750 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

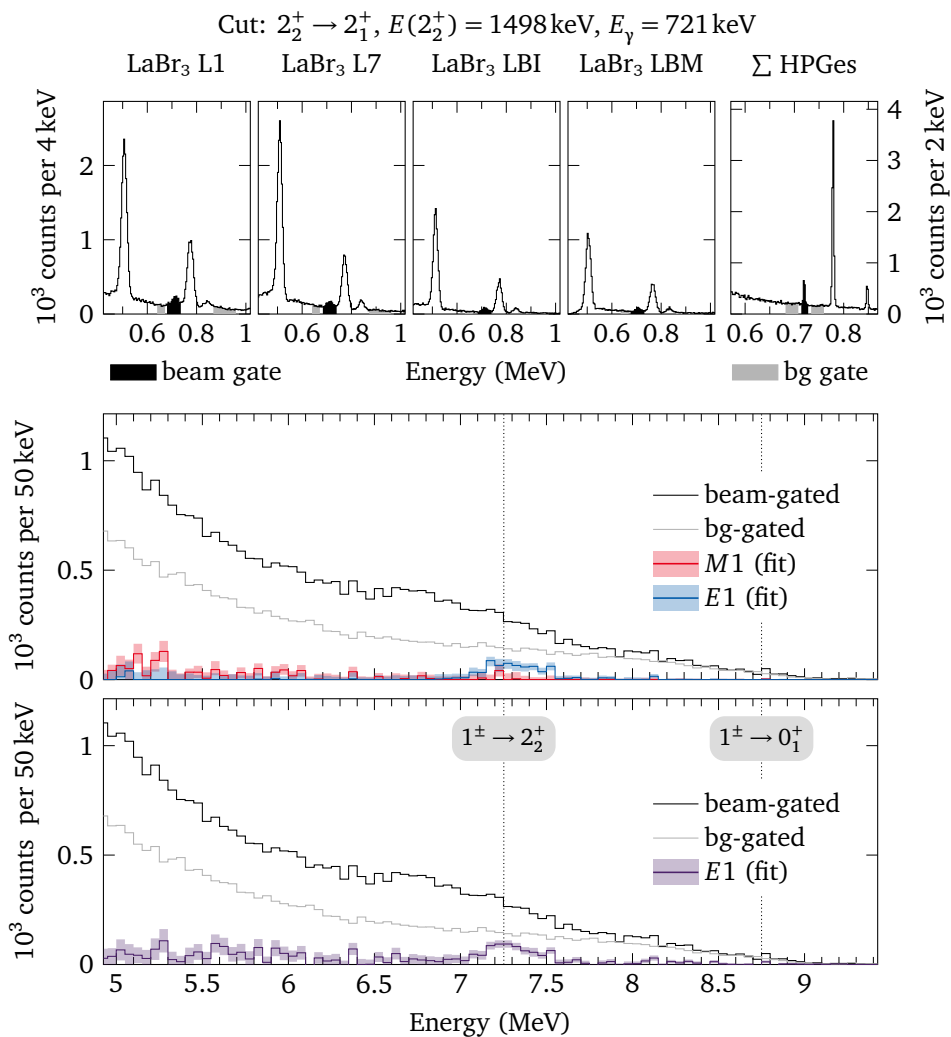


Figure 1.488: $E_{\text{beam}} = 8750 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

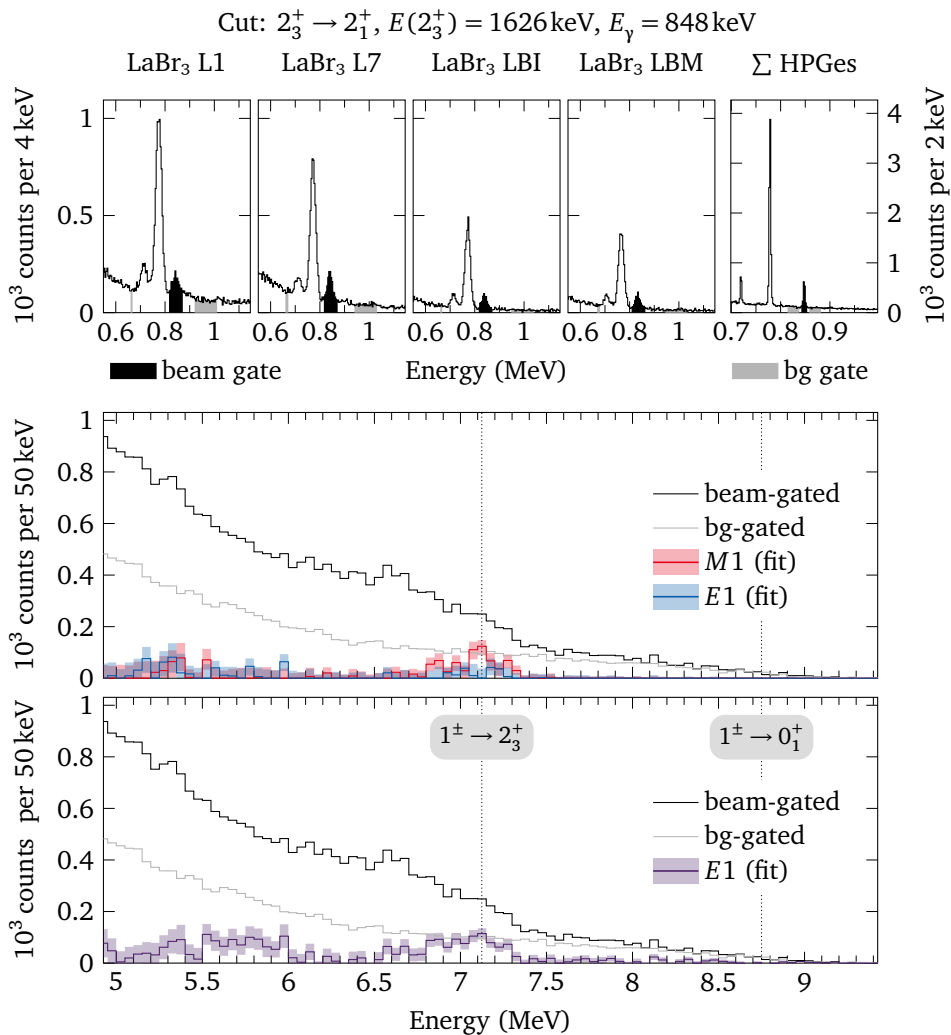


Figure 1.489: $E_{\text{beam}} = 8750 \text{ keV}$, gating on the transition $2_3^+ \rightarrow 2_1^+$.

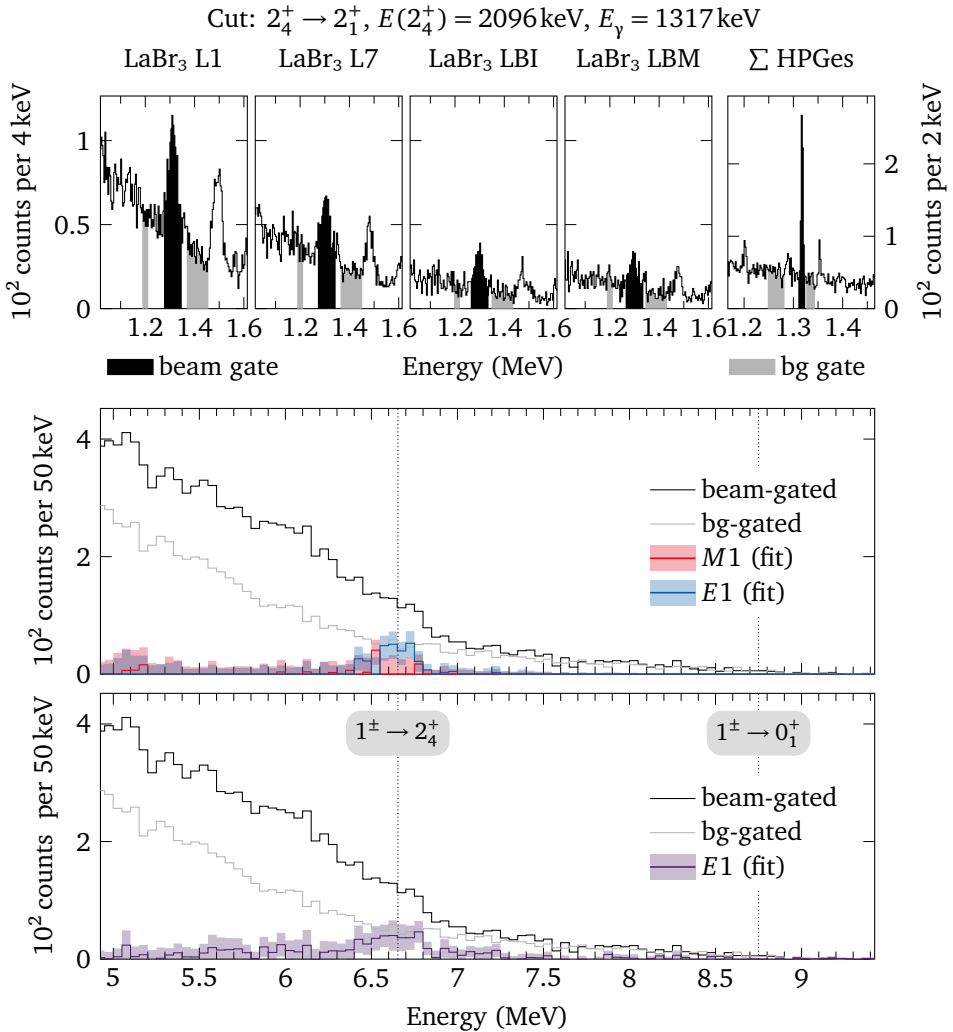


Figure 1.490: $E_{\text{beam}} = 8750 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

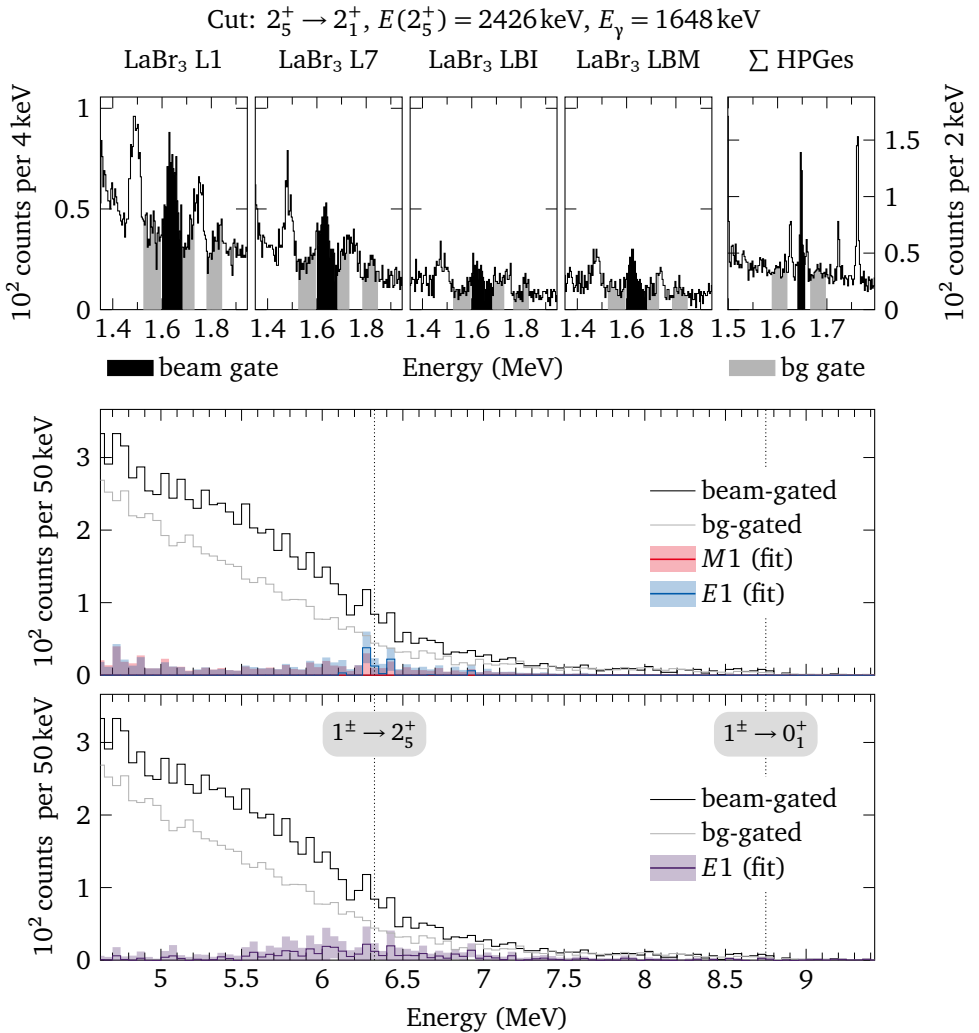


Figure 1.491: $E_{\text{beam}} = 8750 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

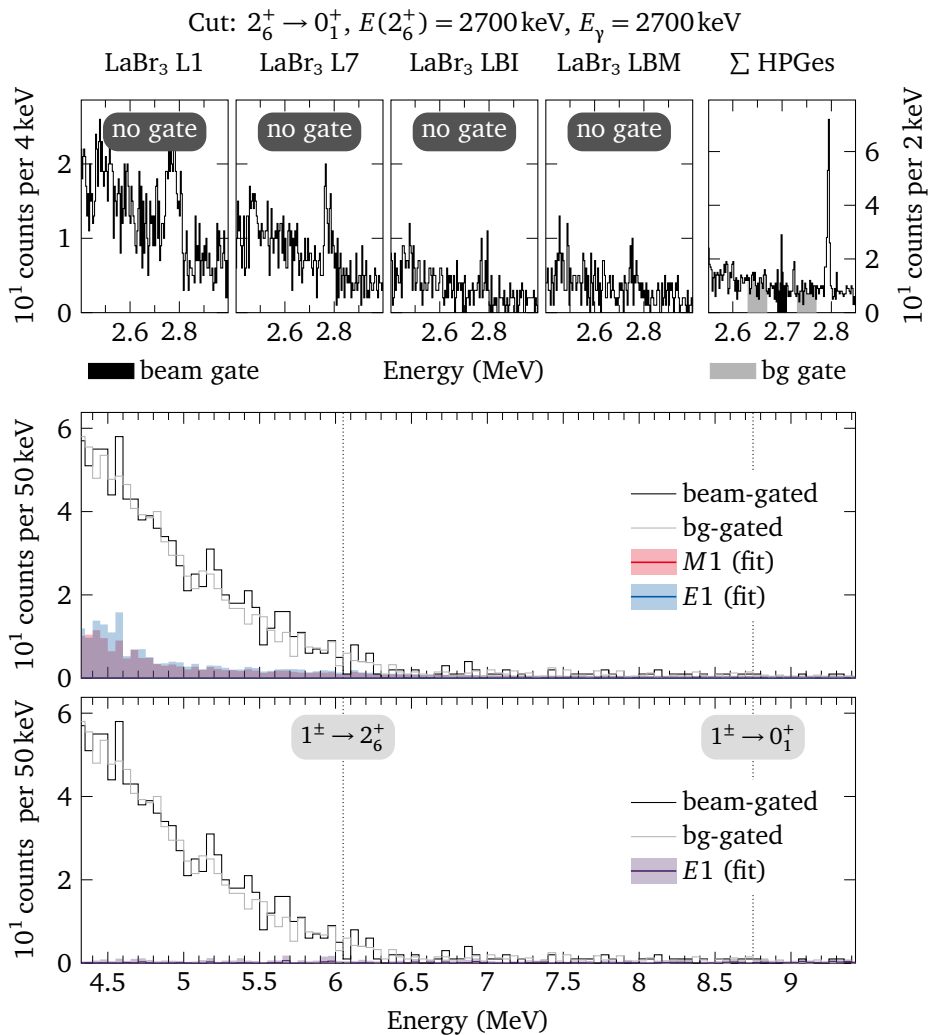


Figure 1.492: $E_{\text{beam}} = 8750 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

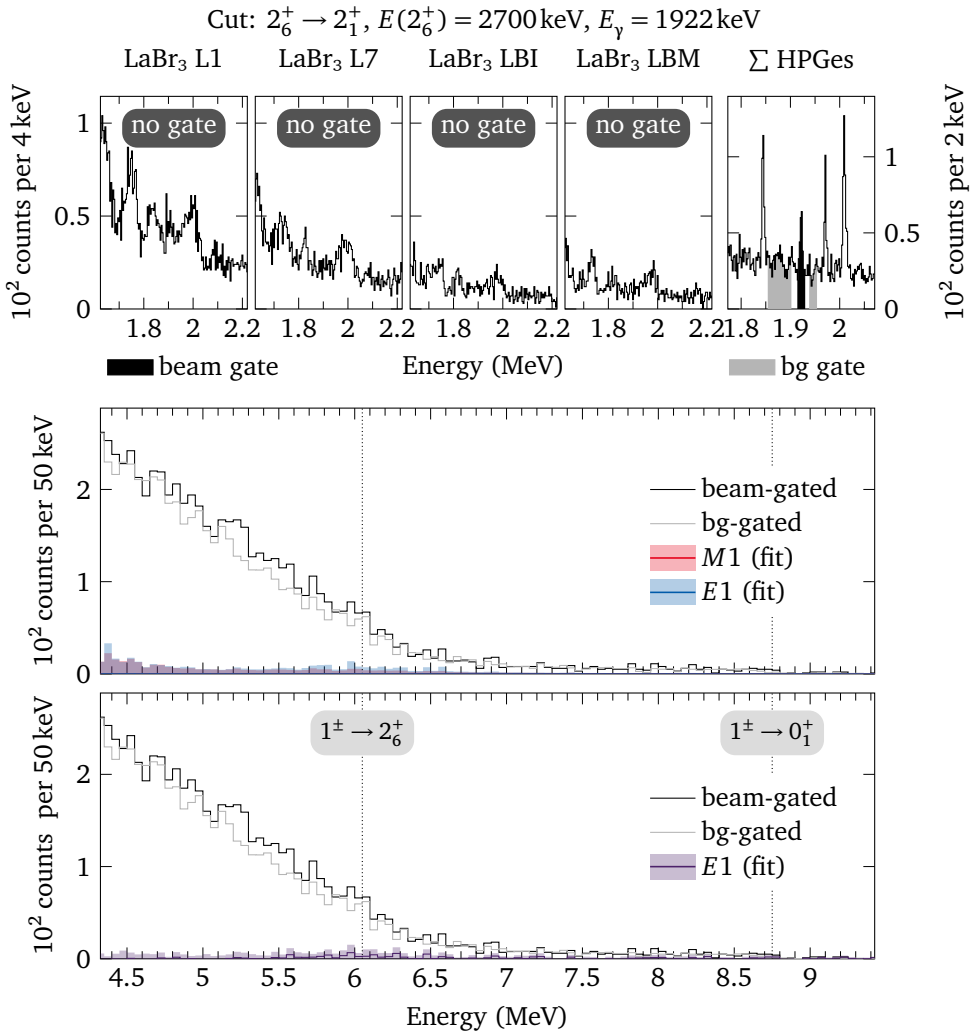


Figure 1.493: $E_{\text{beam}} = 8750 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

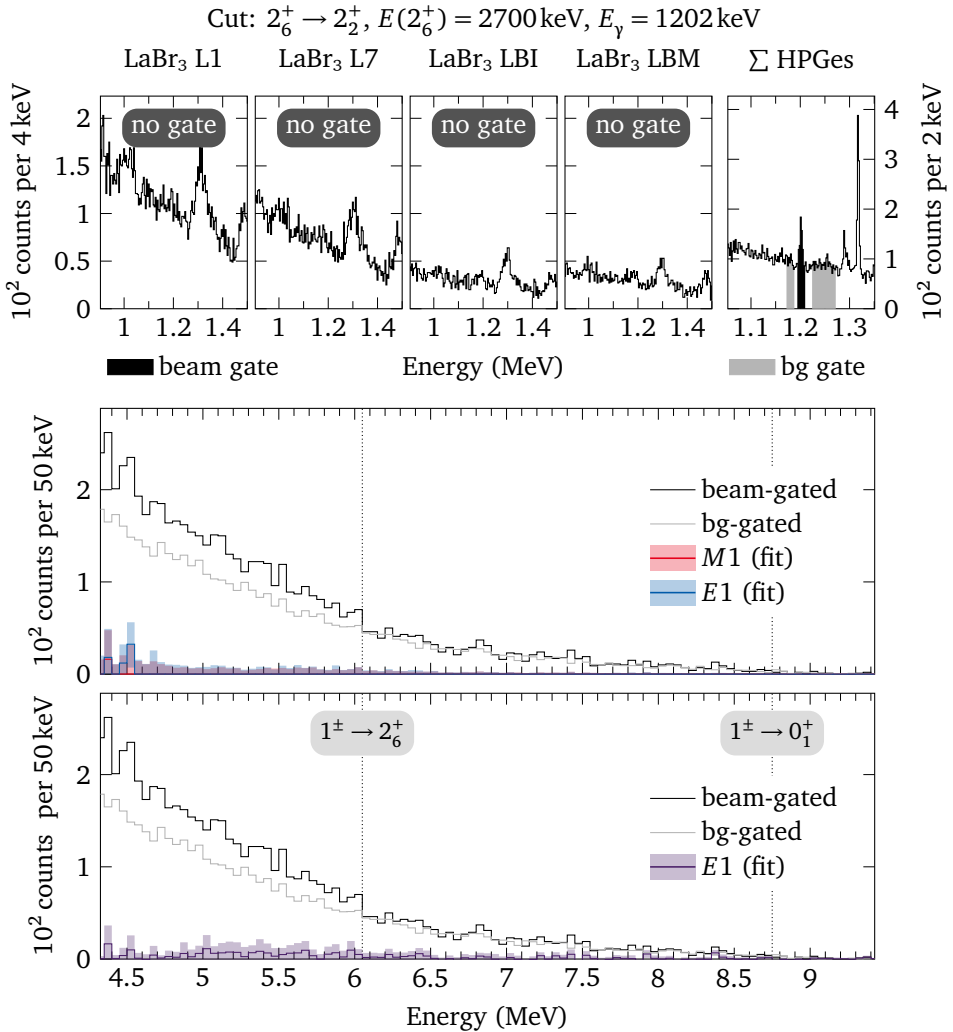


Figure 1.494: $E_{\text{beam}} = 8750 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

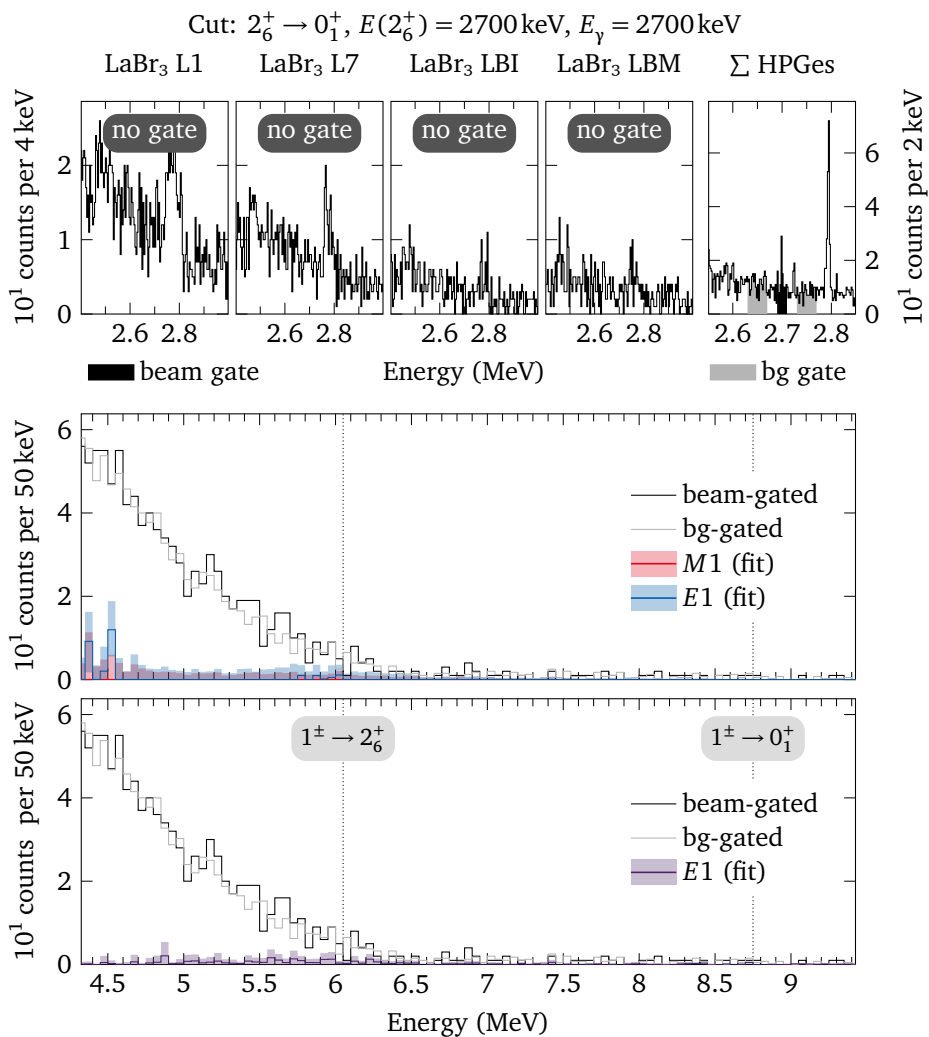


Figure 1.495: $E_{\text{beam}} = 8750 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

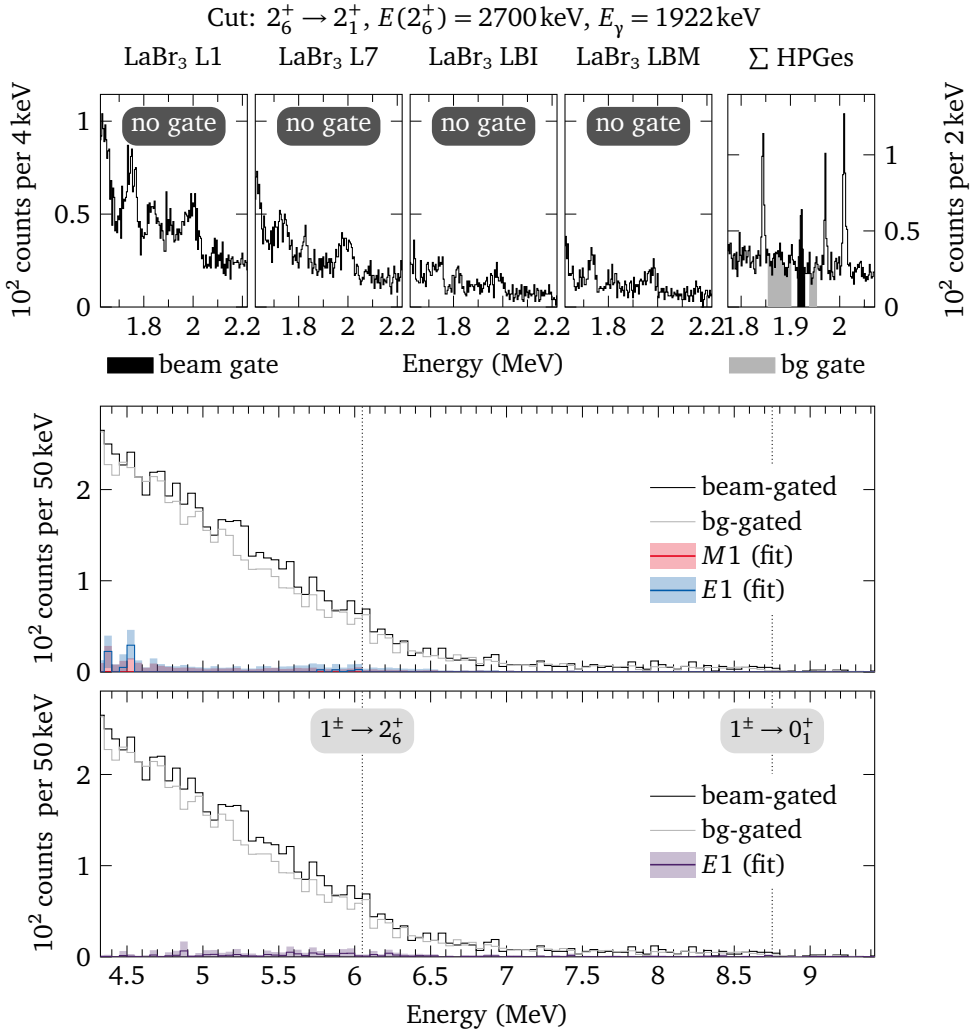


Figure 1.496: $E_{\text{beam}} = 8750 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

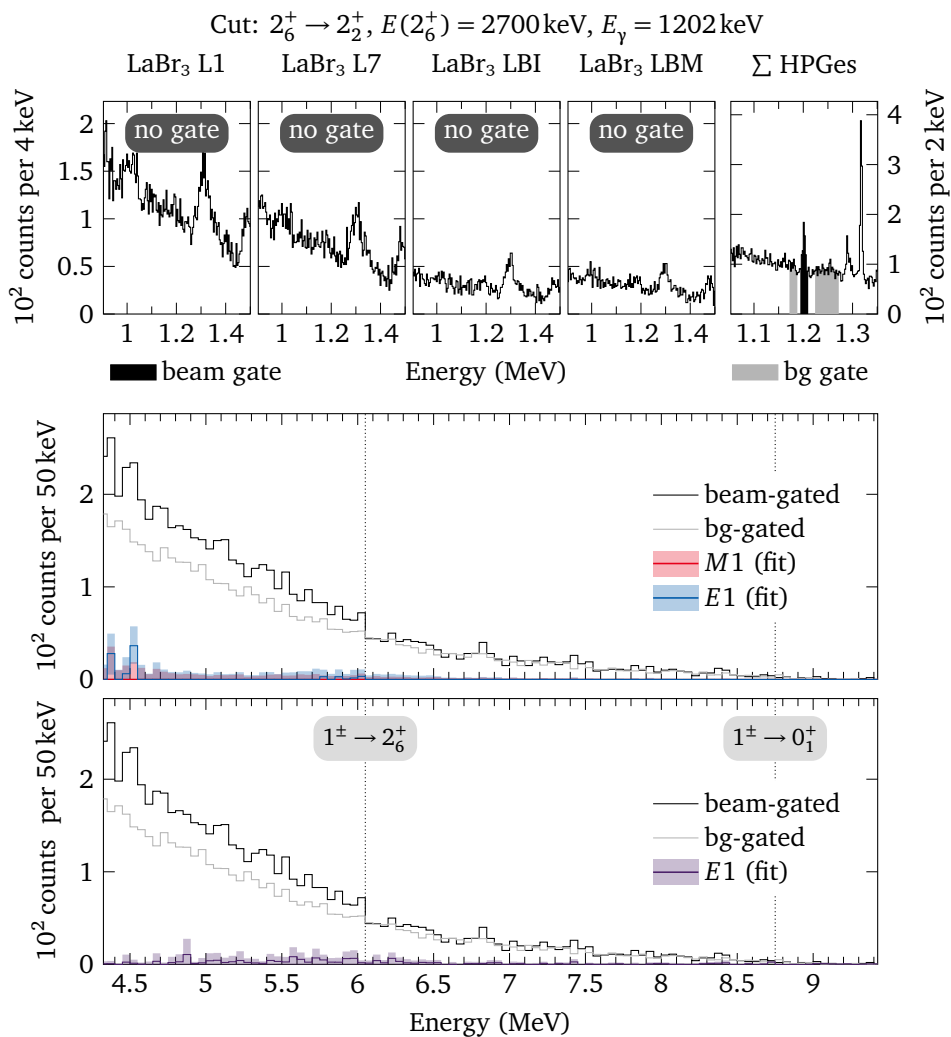


Figure 1.497: $E_{\text{beam}} = 8750 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

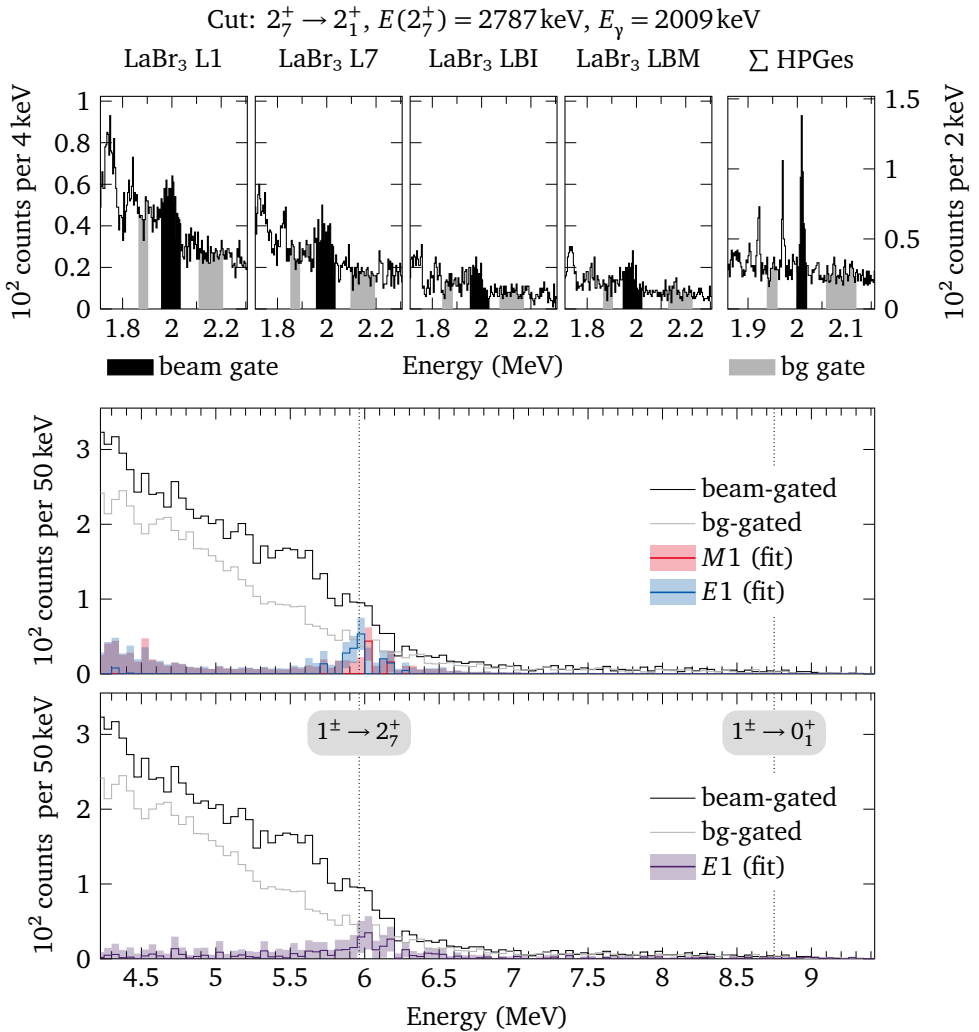


Figure 1.498: $E_{\text{beam}} = 8750 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

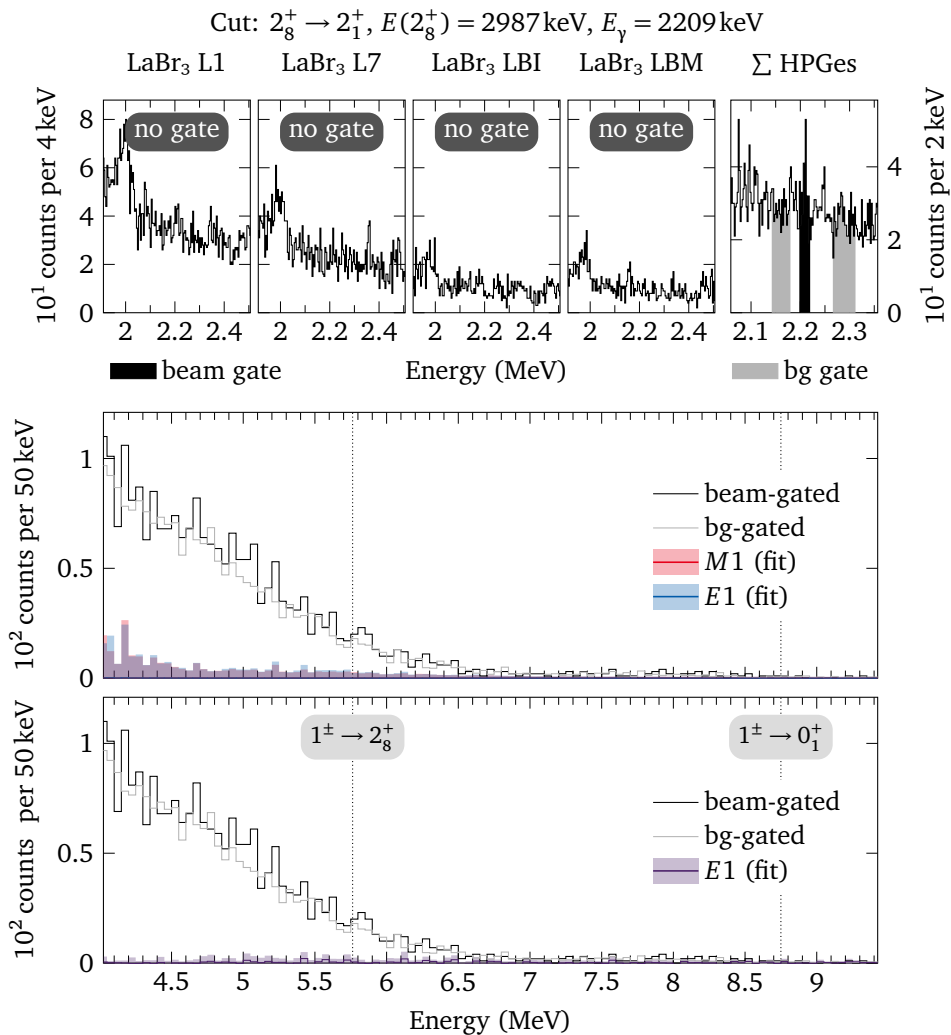


Figure 1.499: $E_{\text{beam}} = 8750 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

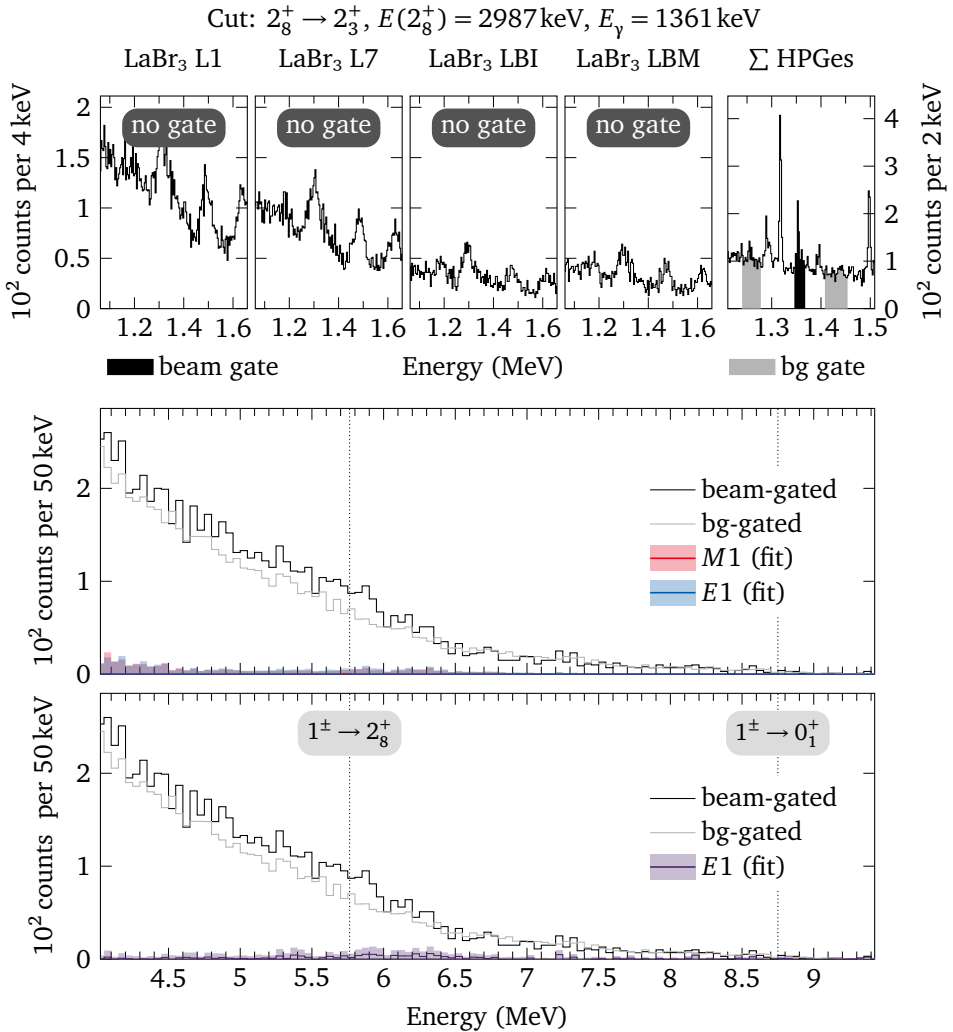


Figure 1.500: $E_{\text{beam}} = 8750 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

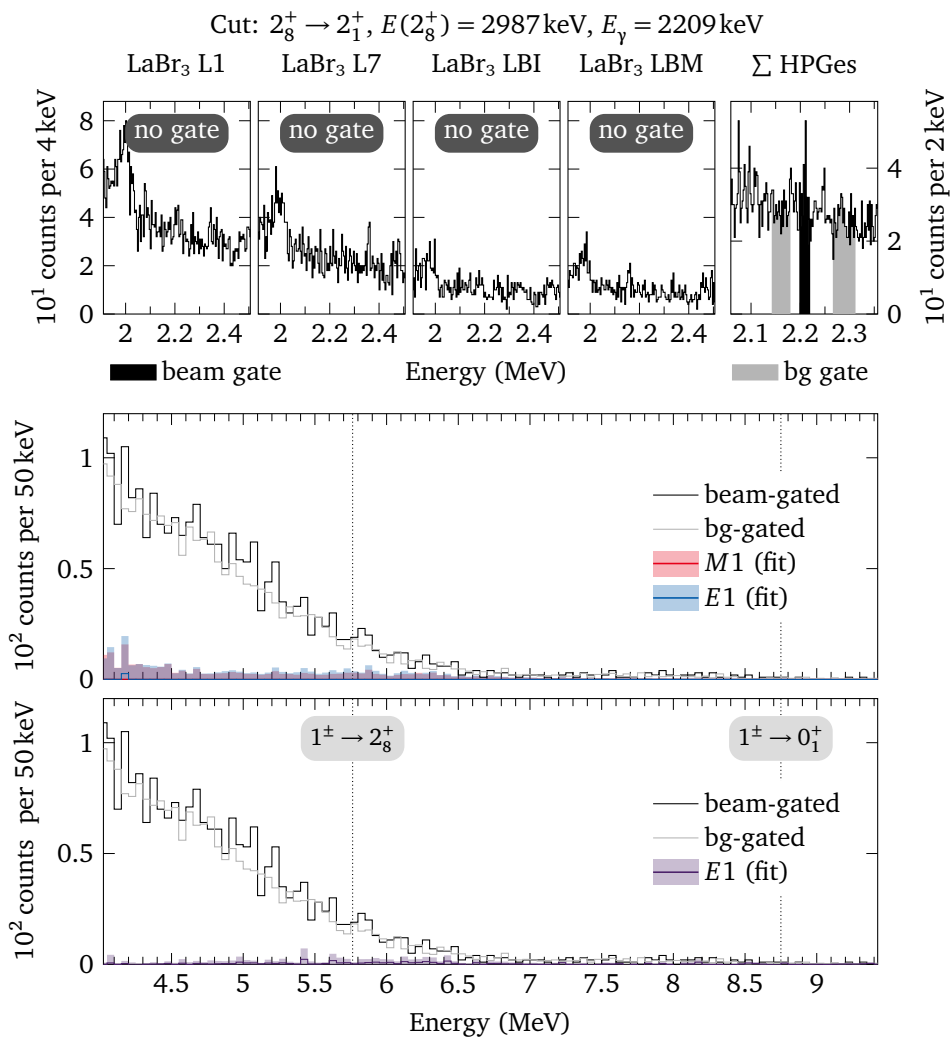


Figure 1.501: $E_{\text{beam}} = 8750 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

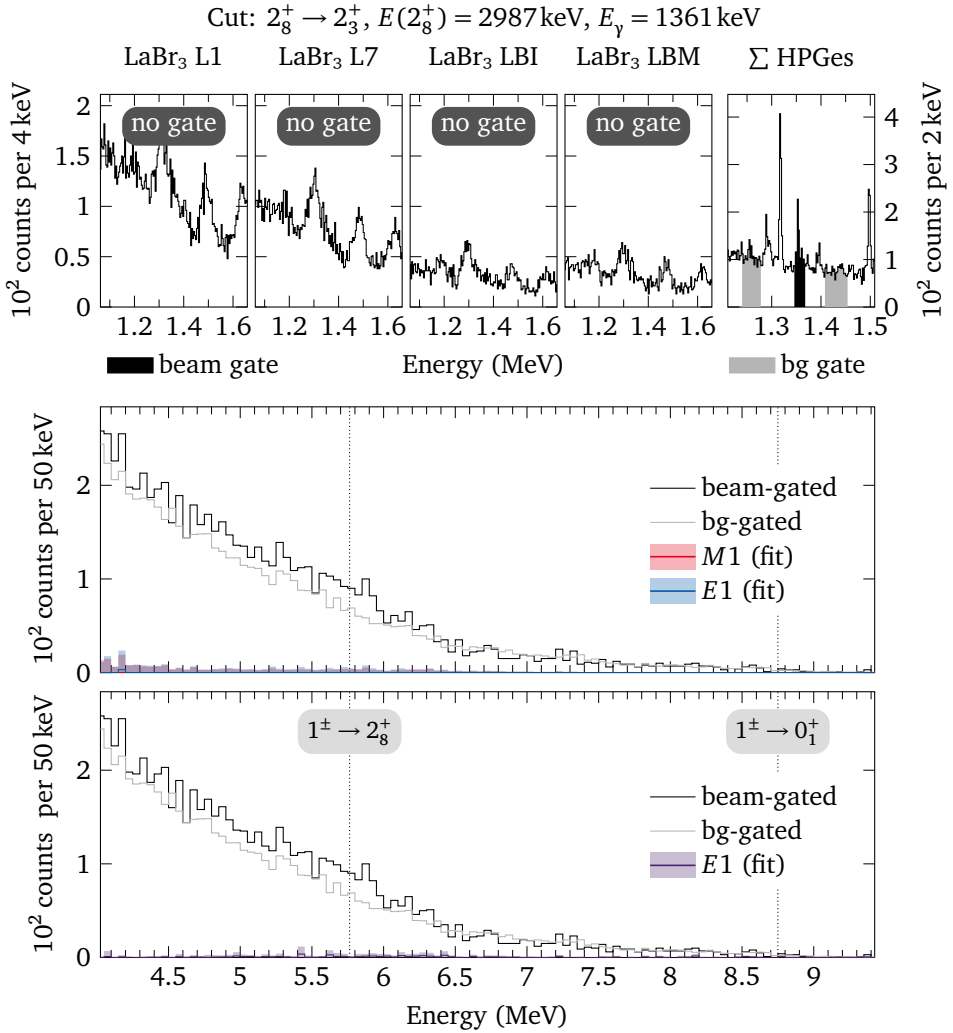


Figure 1.502: $E_{\text{beam}} = 8750 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

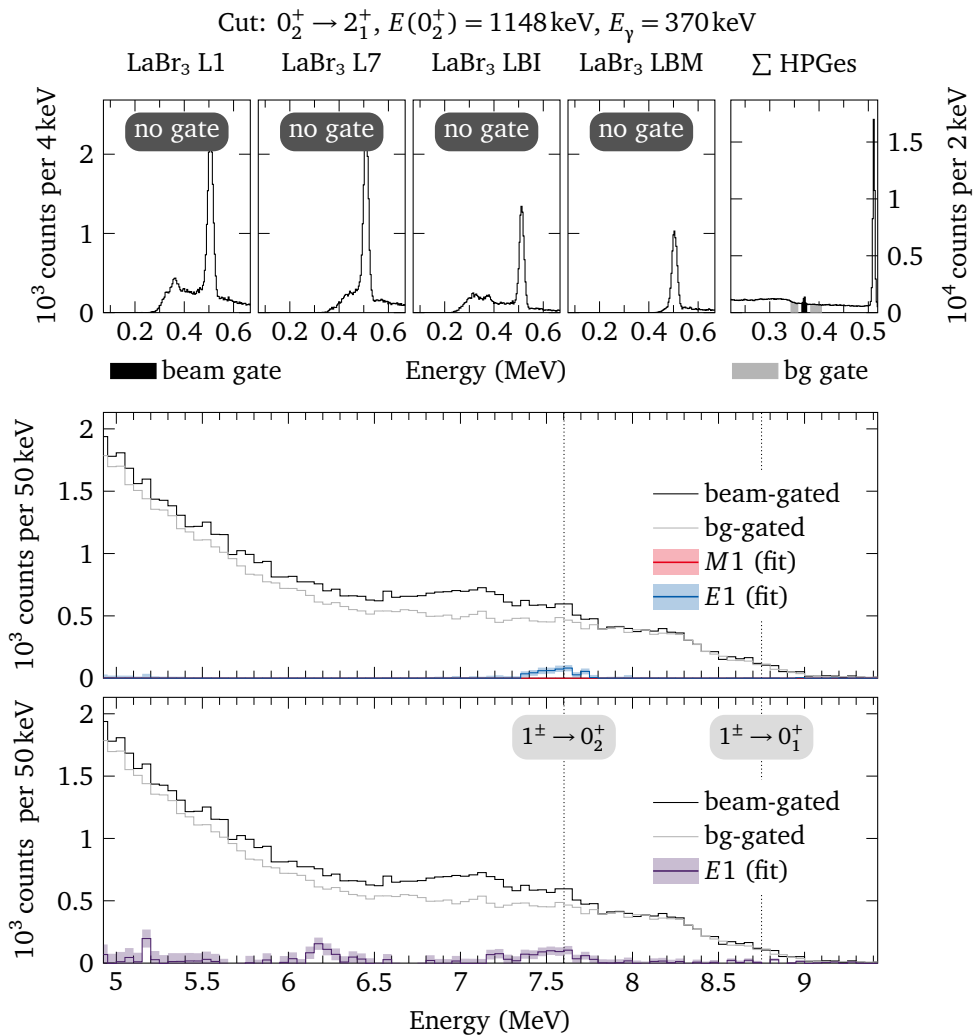


Figure 1.503: $E_{\text{beam}} = 8750 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

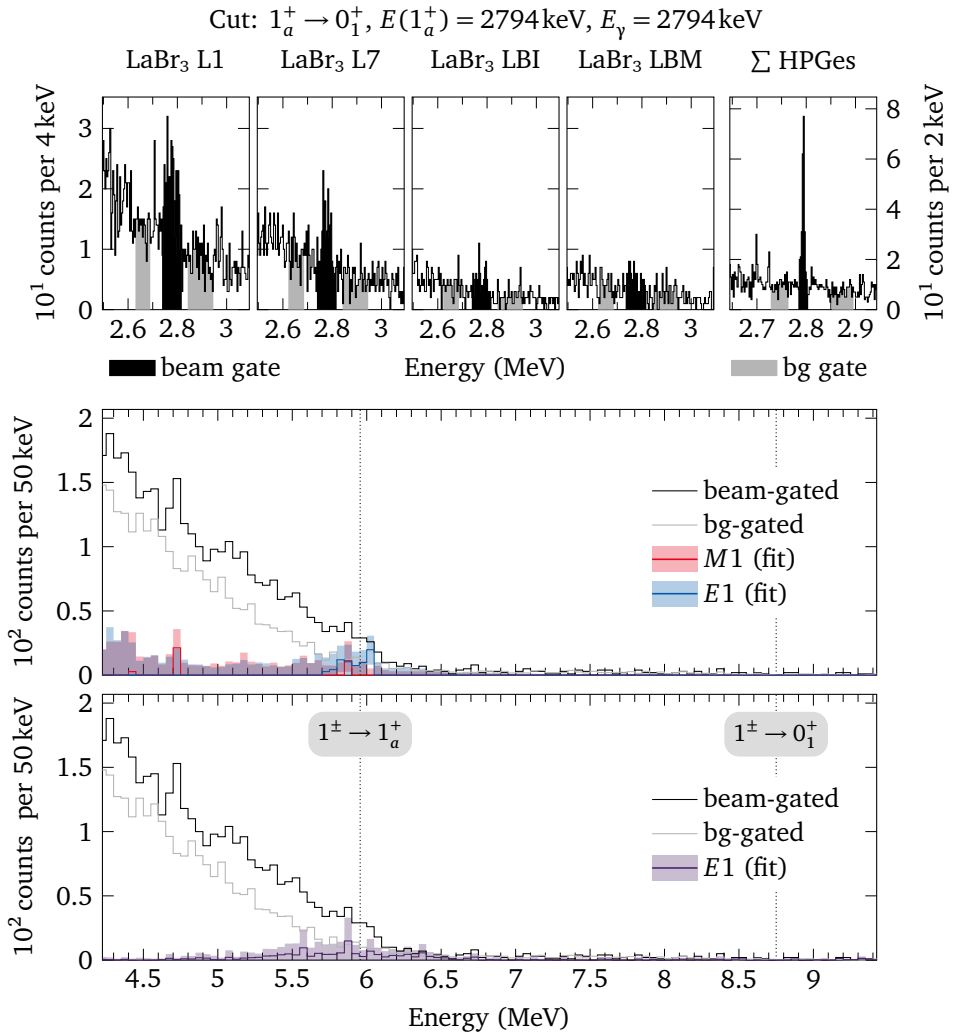


Figure 1.504: $E_{\text{beam}} = 8750 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

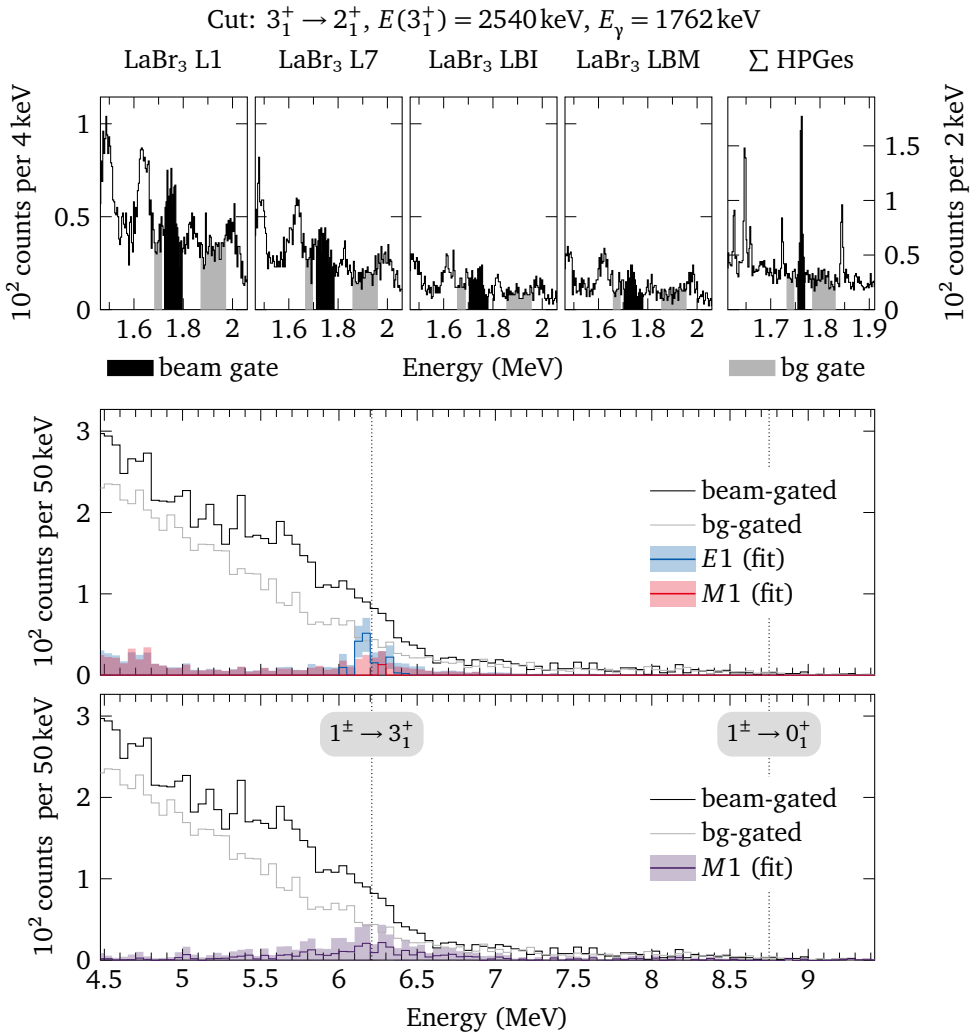


Figure 1.506: $E_{\text{beam}} = 8750 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.

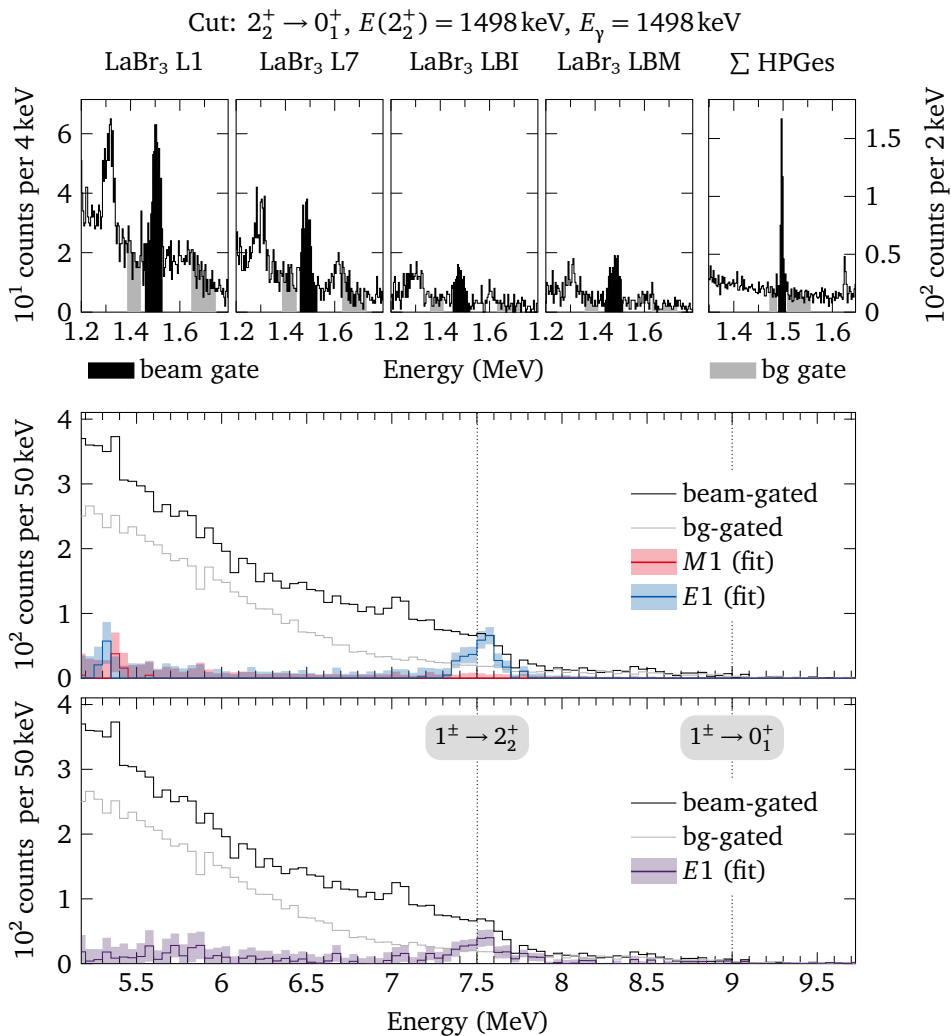


Figure 1.508: $E_{\text{beam}} = 9000 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

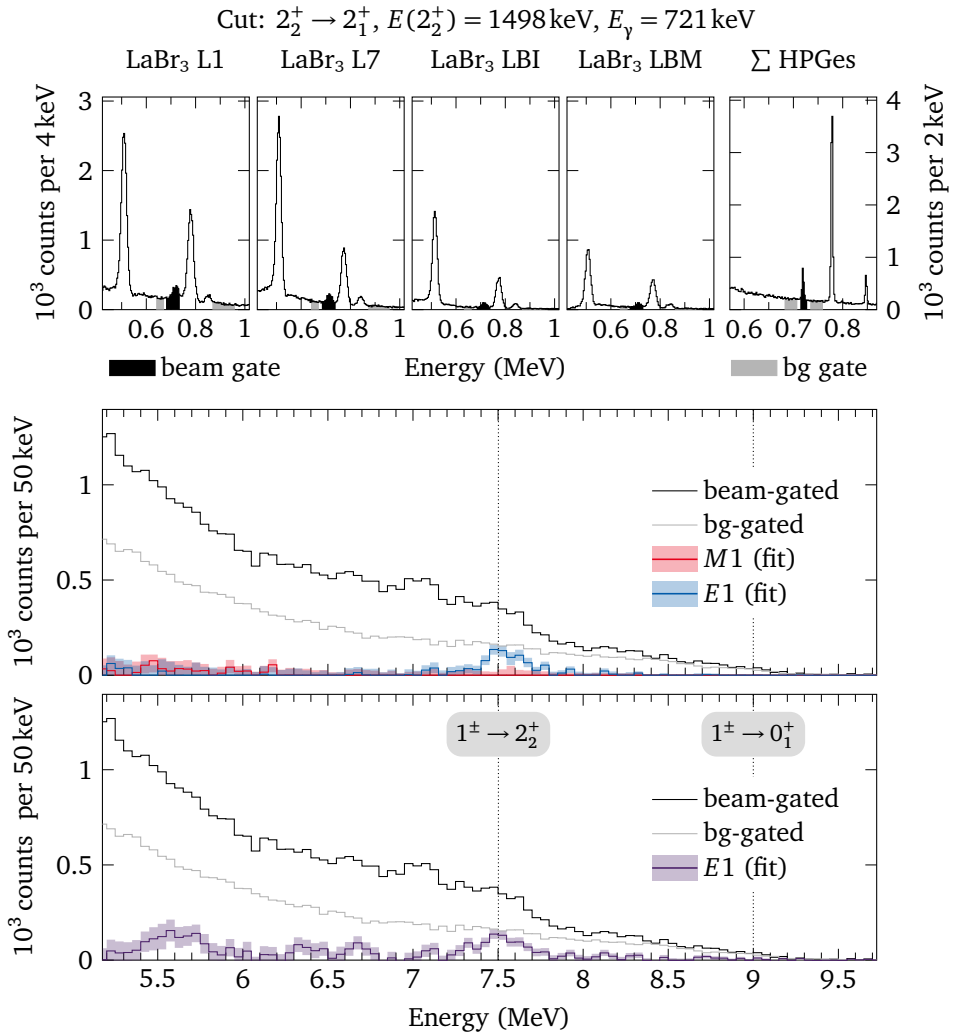


Figure 1.509: $E_{\text{beam}} = 9000 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 2_1^+$.

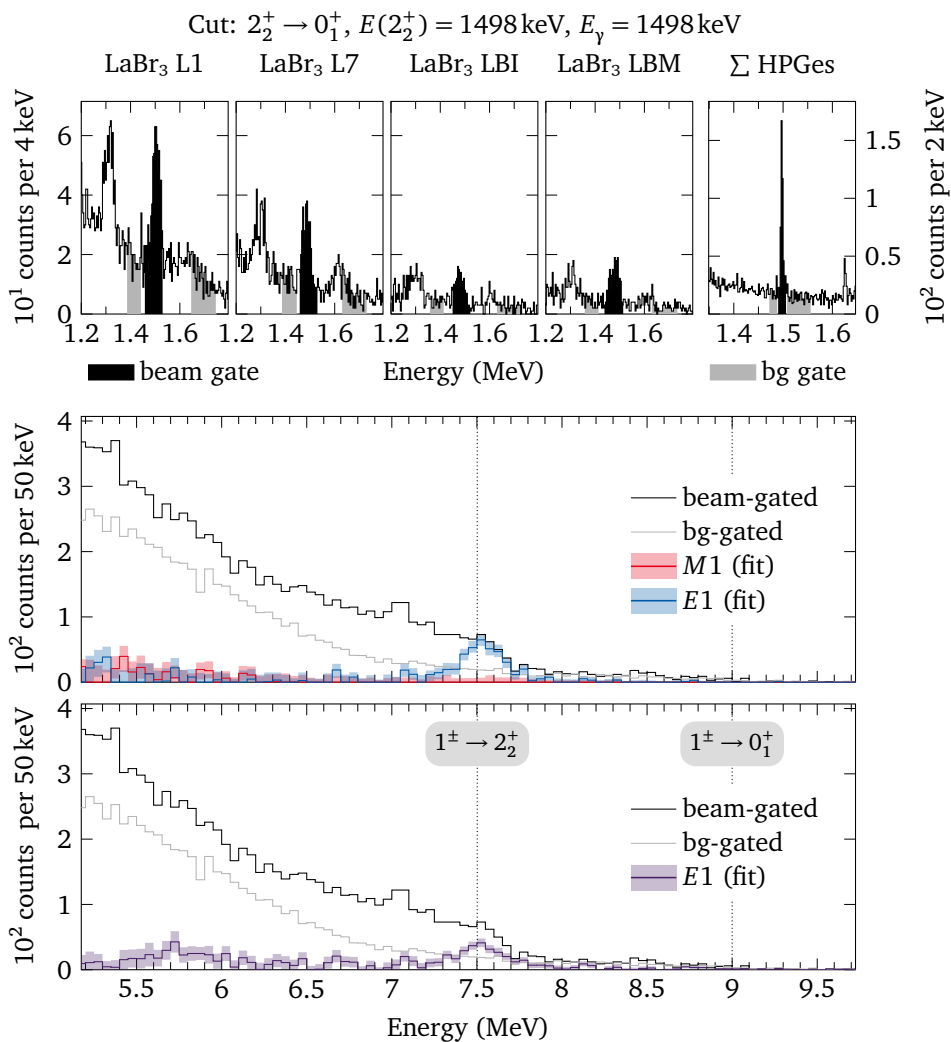


Figure 1.510: $E_{\text{beam}} = 9000 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

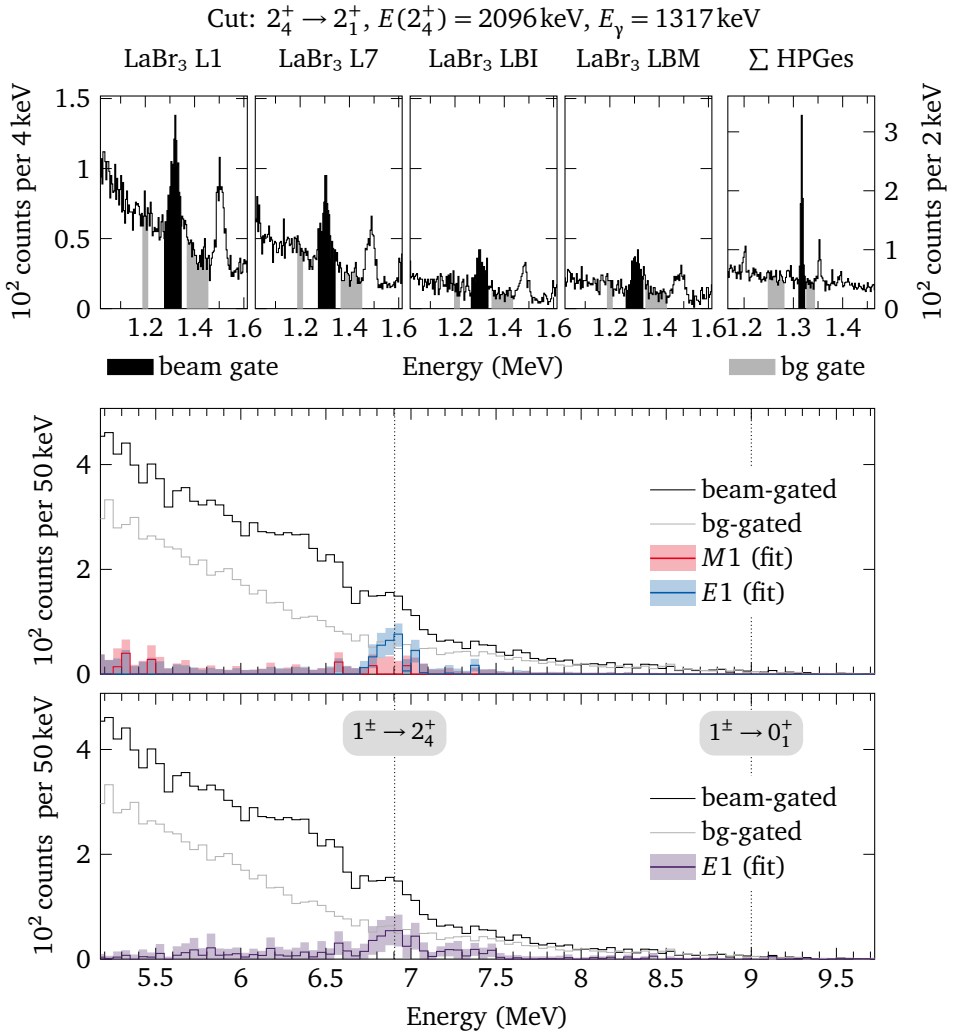


Figure 1.513: $E_{\text{beam}} = 9000 \text{ keV}$, gating on the transition $2_4^+ \rightarrow 2_1^+$.

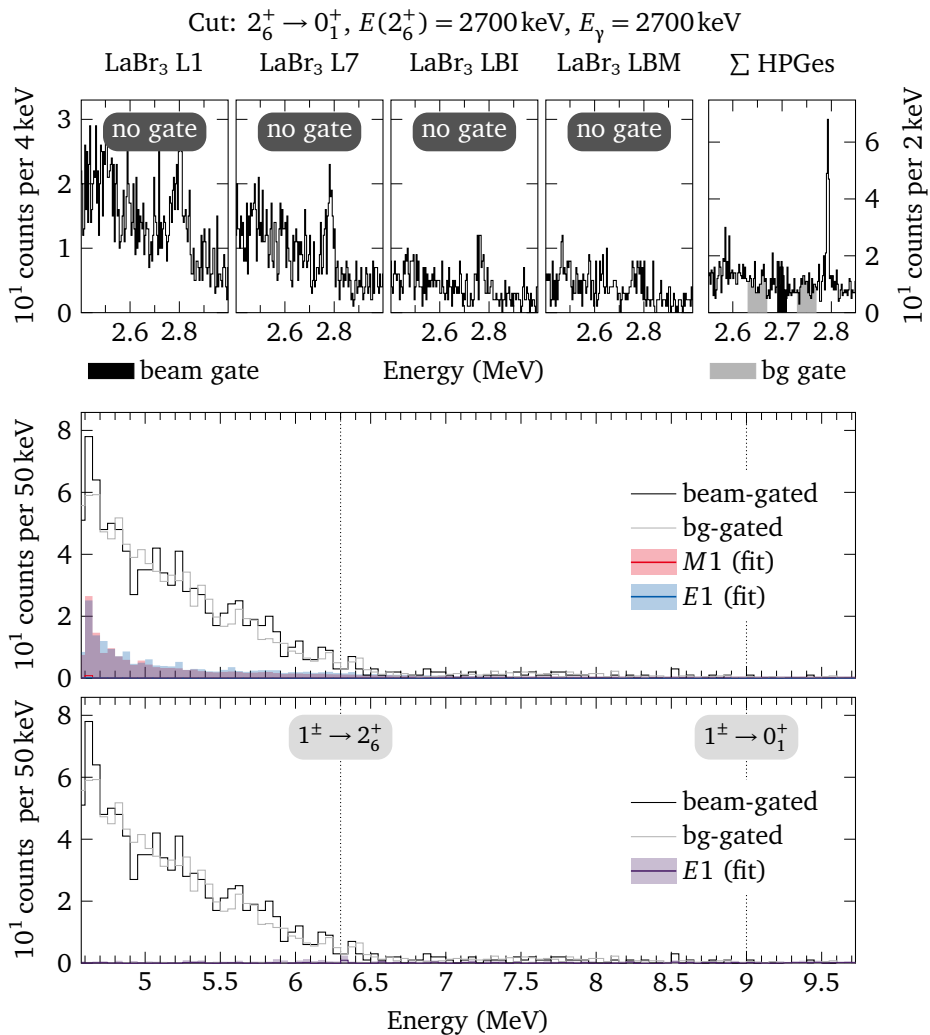


Figure 1.515: $E_{\text{beam}} = 9000 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

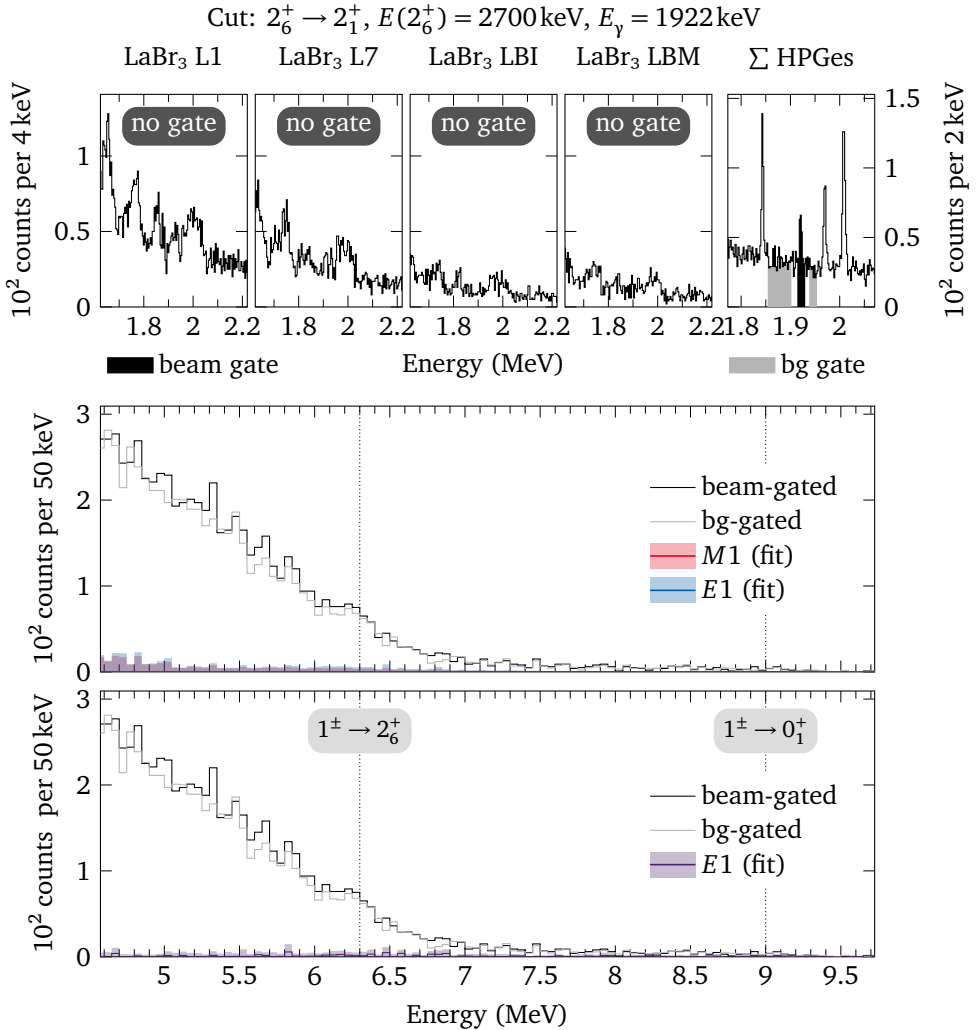


Figure 1.516: $E_{\text{beam}} = 9000 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

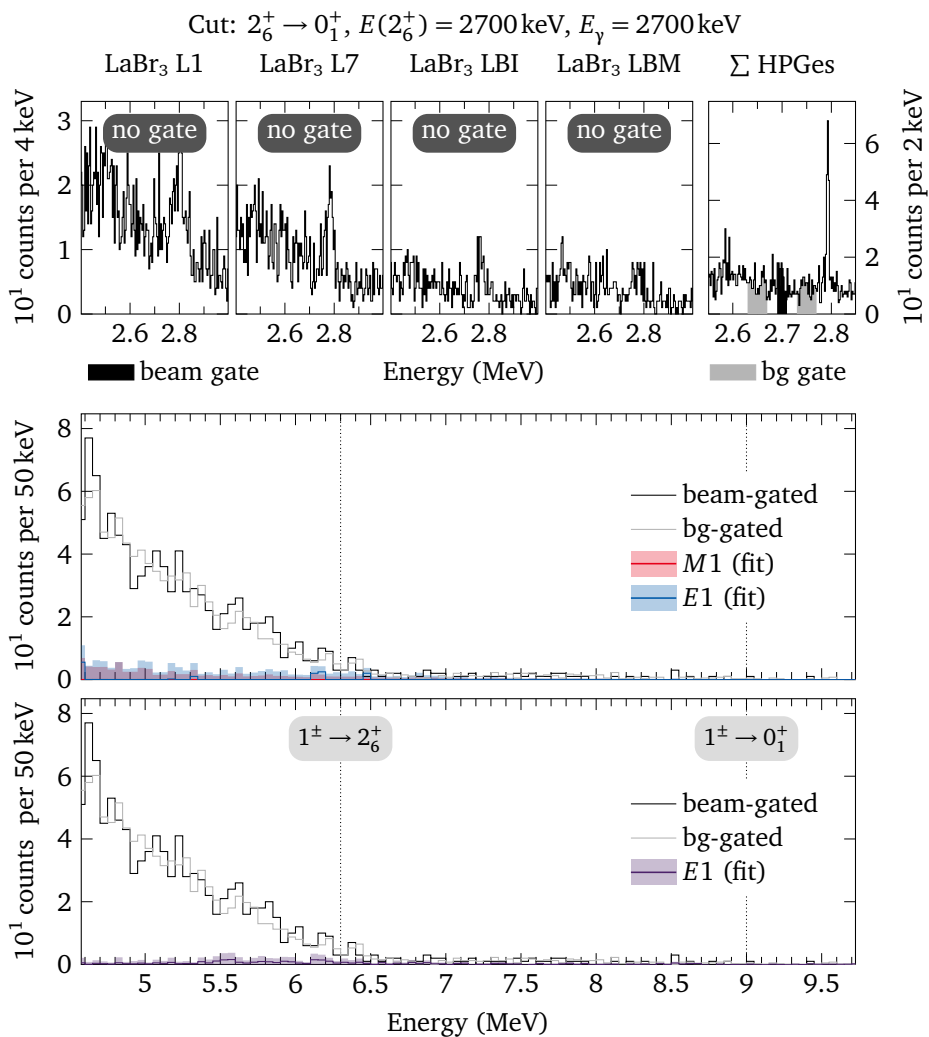


Figure 1.518: $E_{\text{beam}} = 9000 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

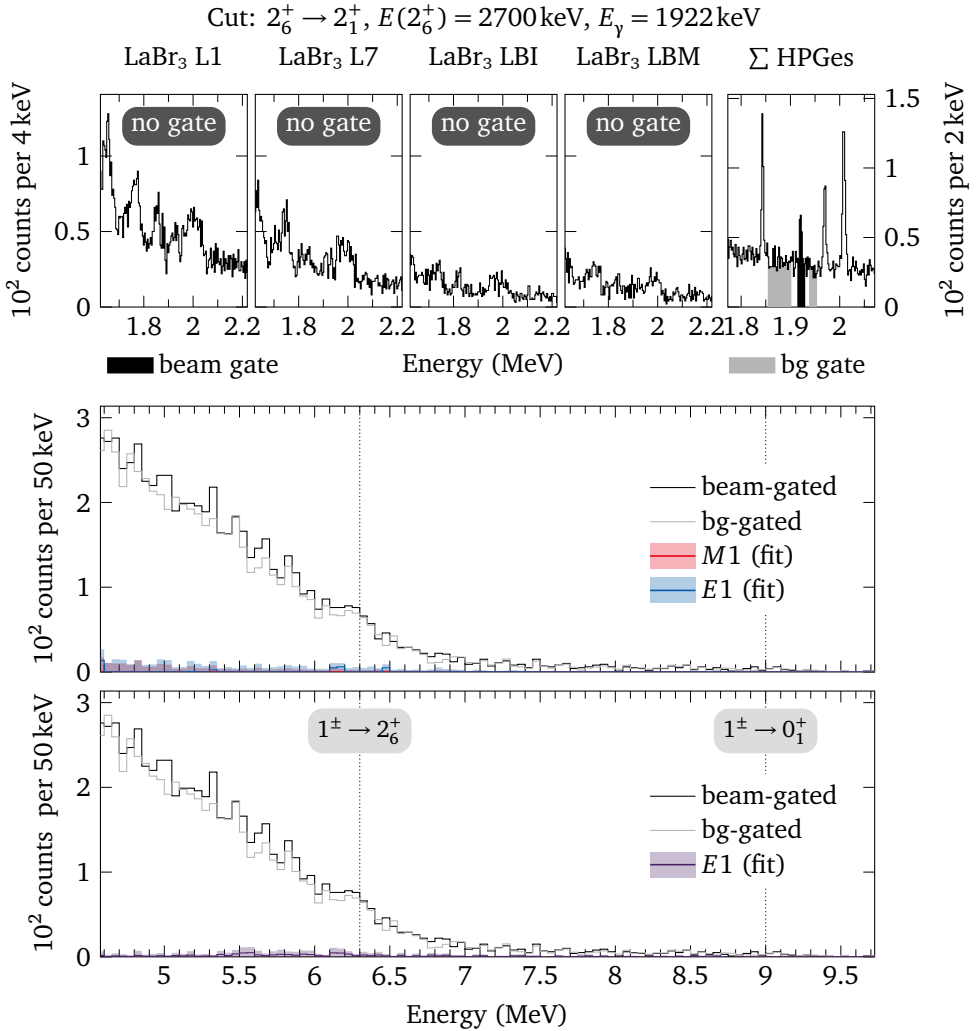


Figure 1.519: $E_{\text{beam}} = 9000\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

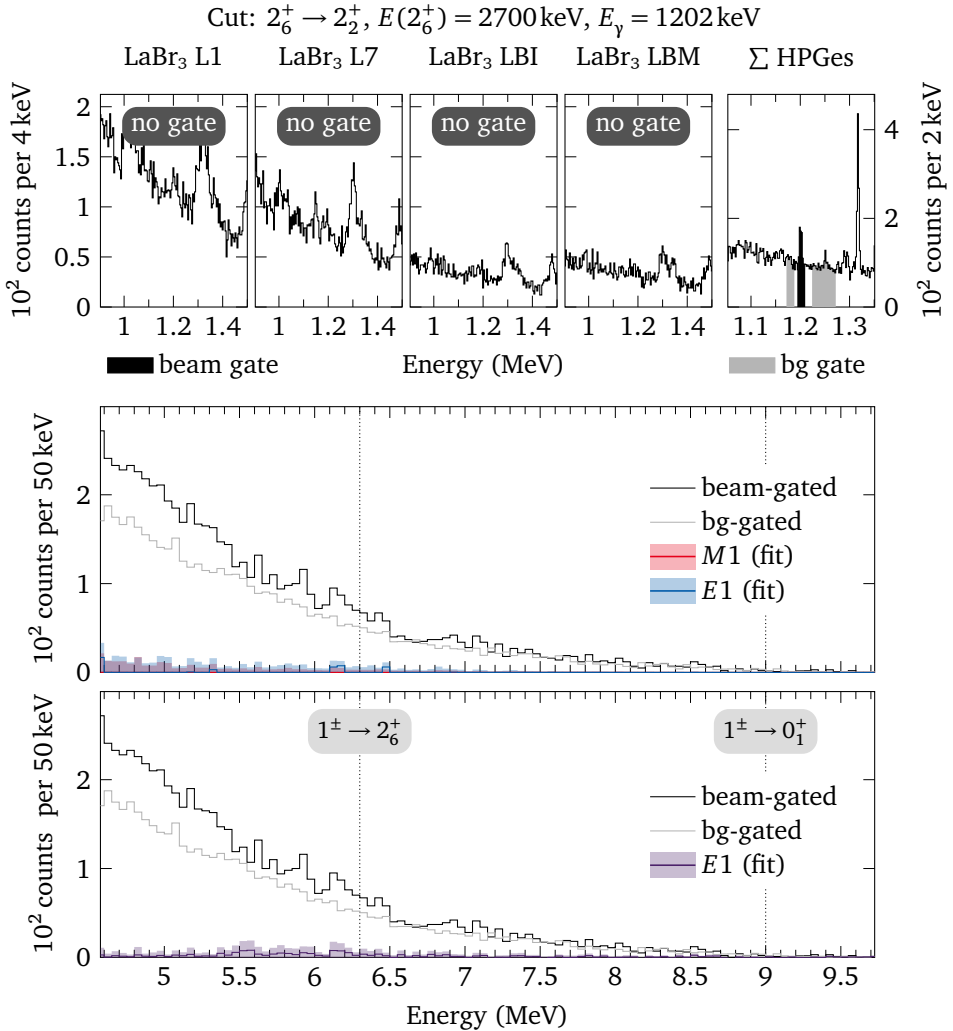


Figure 1.520: $E_{\text{beam}} = 9000 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

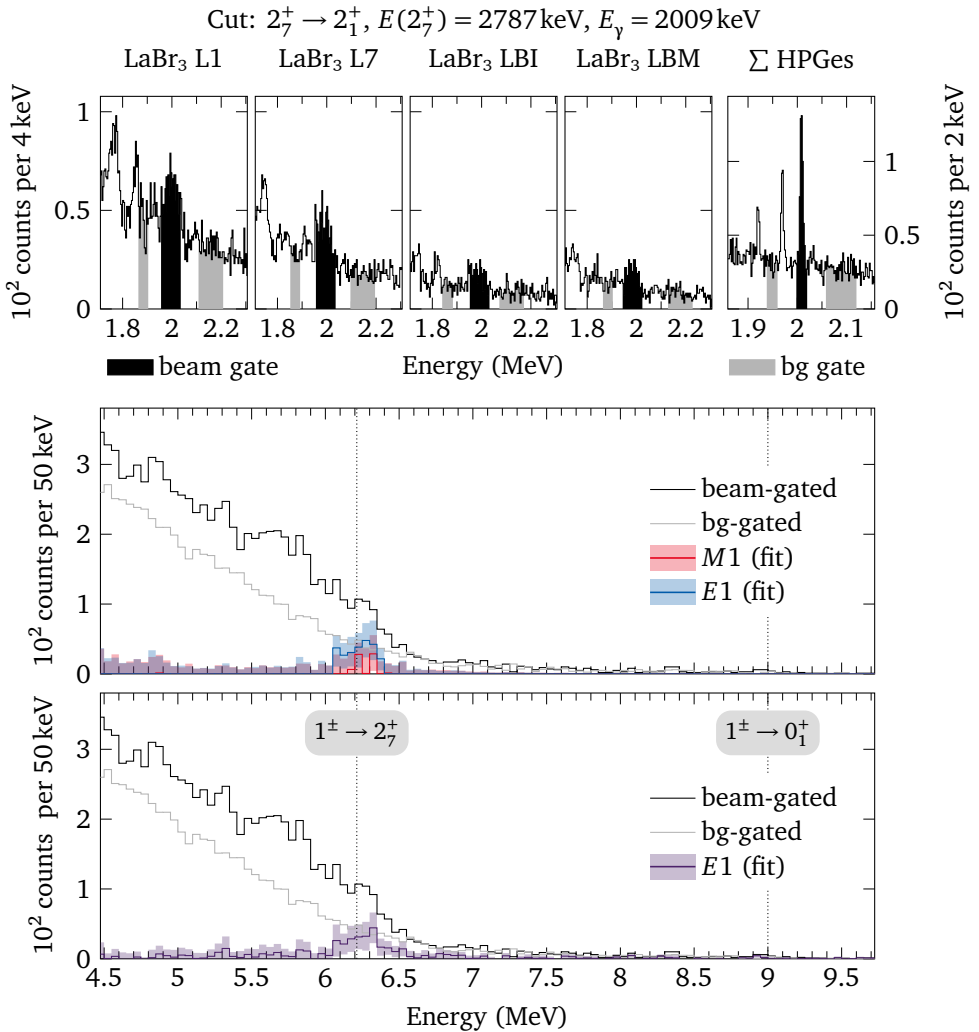


Figure 1.521: $E_{\text{beam}} = 9000 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

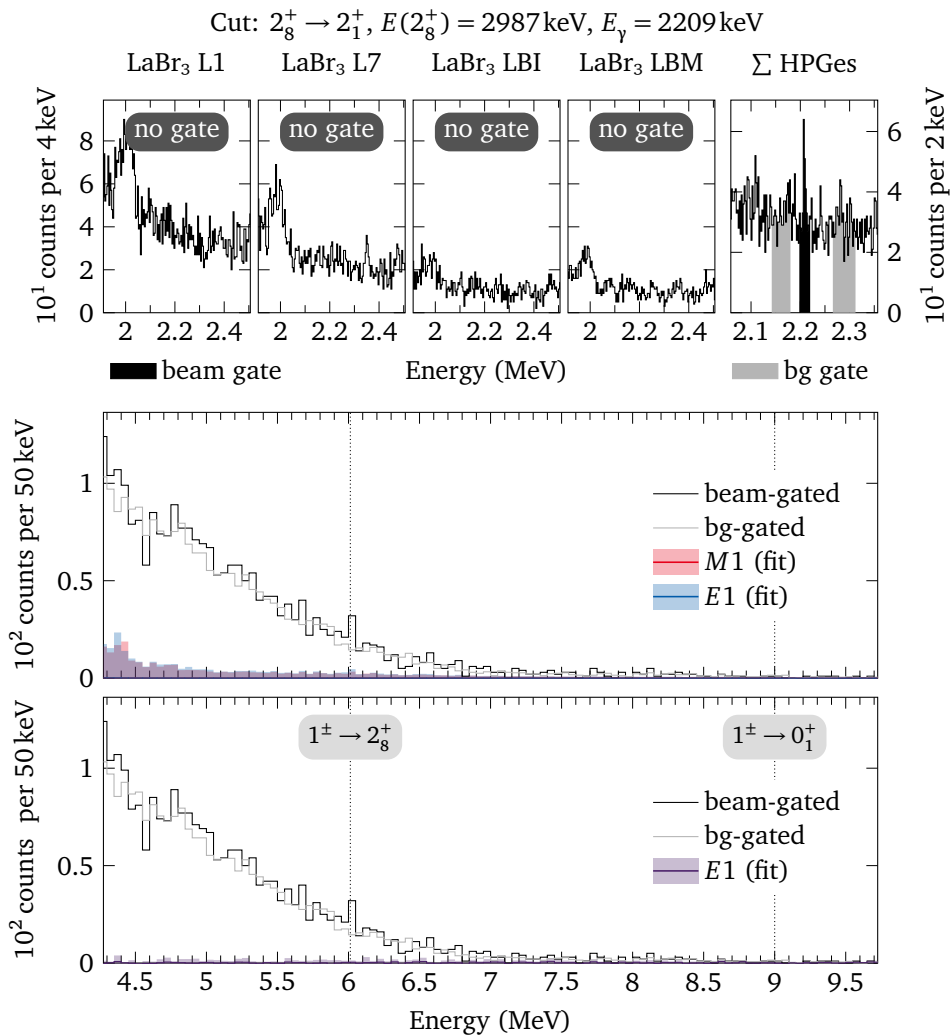


Figure 1.522: $E_{\text{beam}} = 9000 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

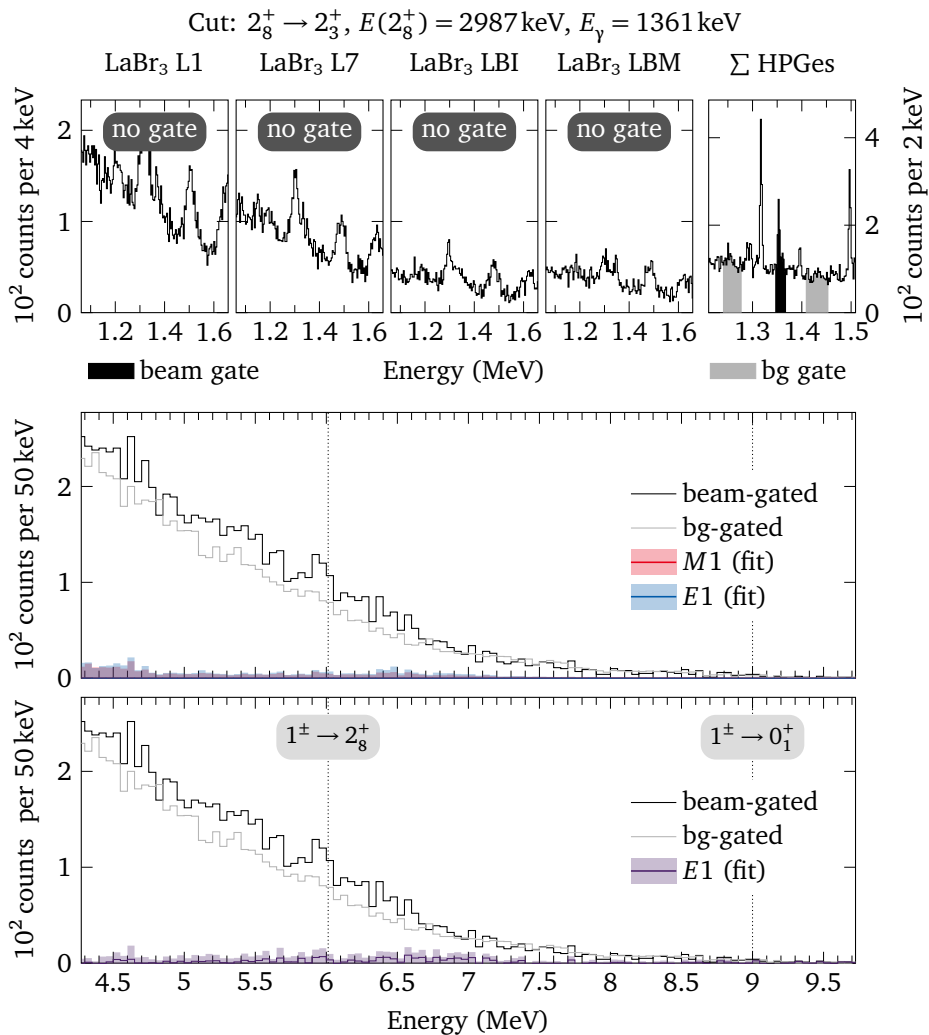


Figure 1.523: $E_{\text{beam}} = 9000 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

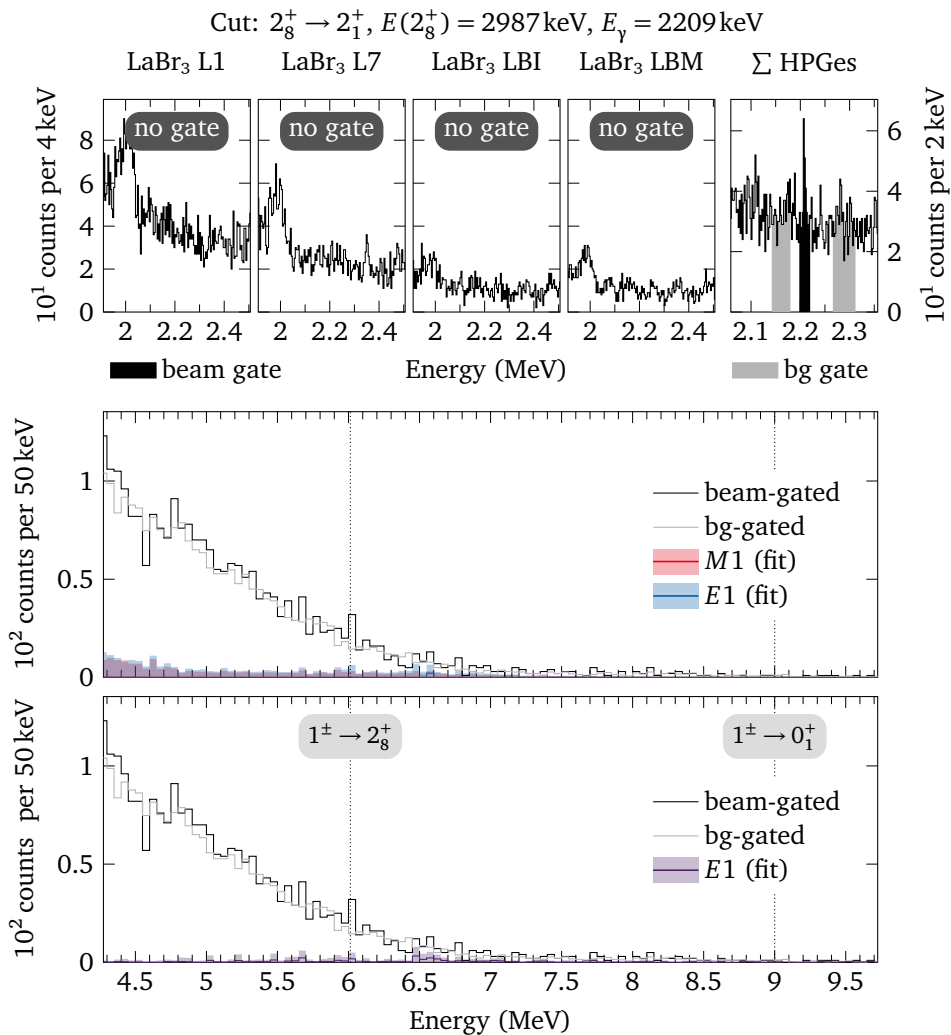


Figure 1.524: $E_{\text{beam}} = 9000 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

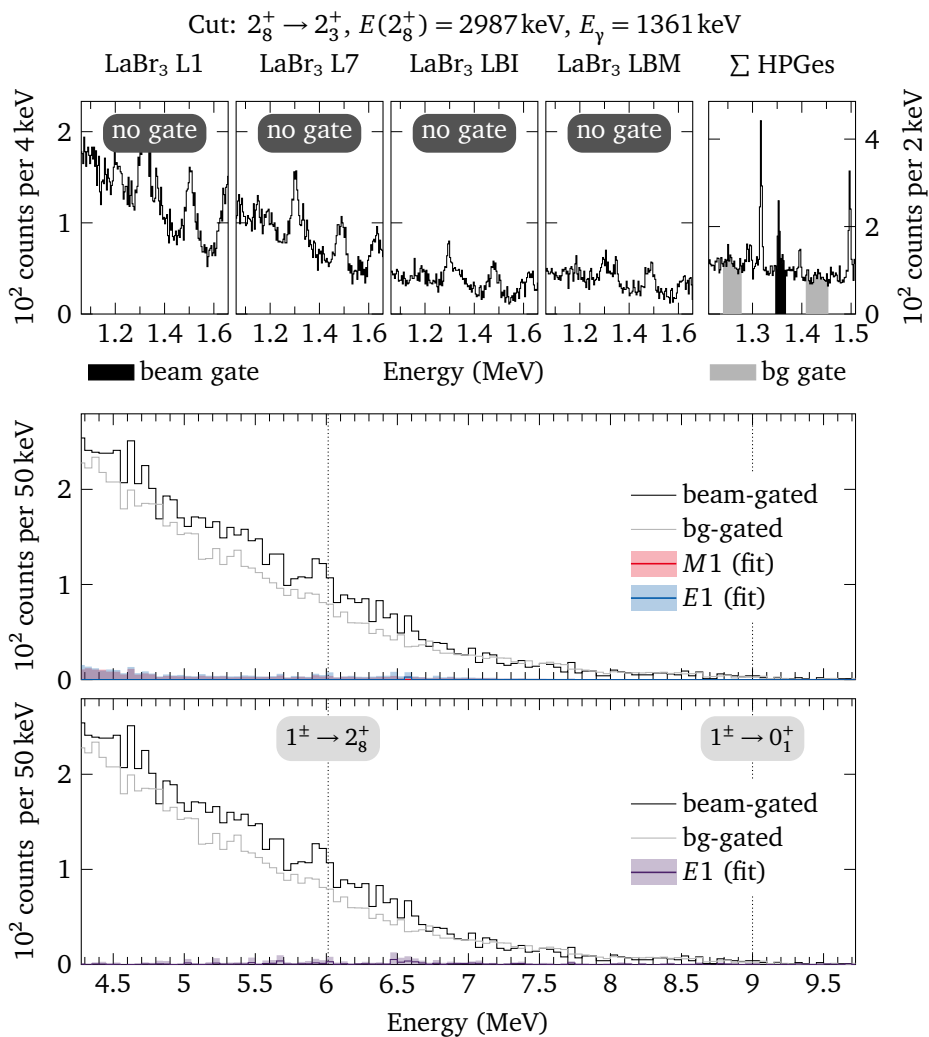


Figure 1.525: $E_{\text{beam}} = 9000 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

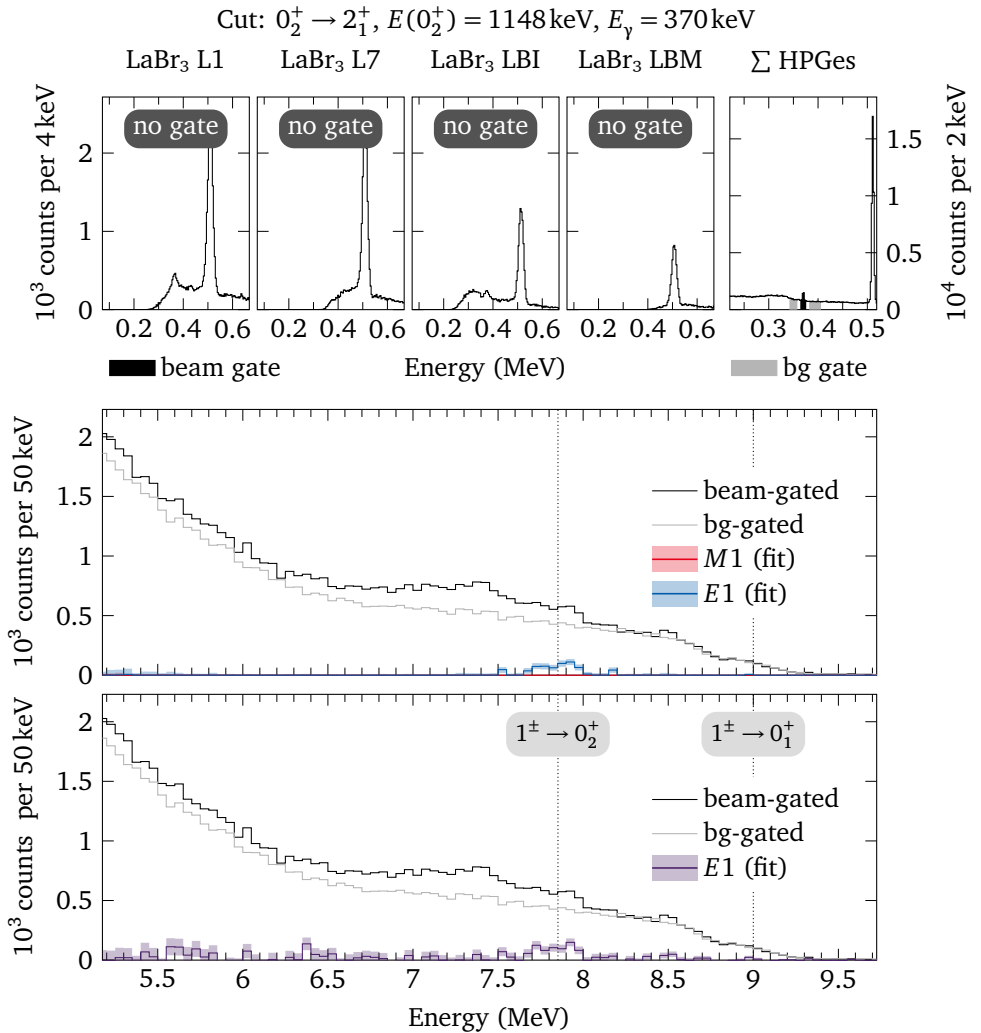


Figure 1.526: $E_{\text{beam}} = 9000 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

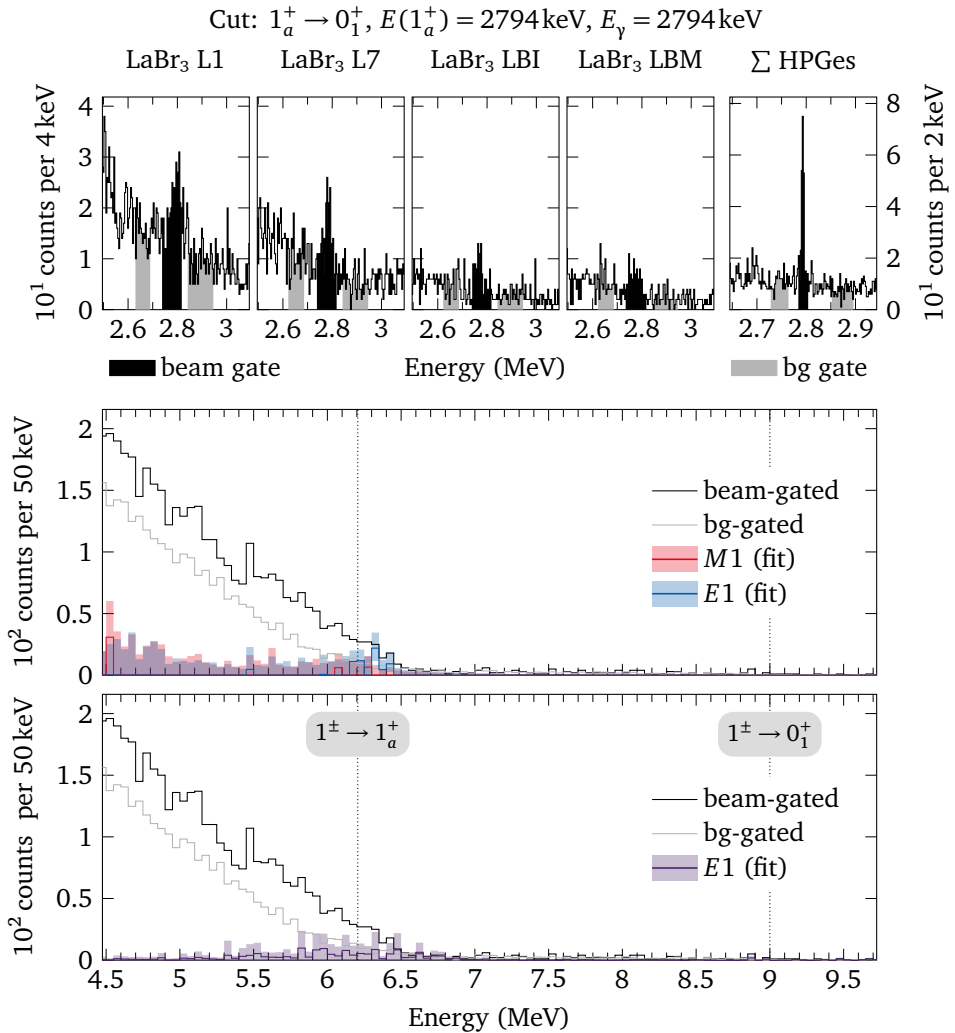


Figure 1.527: $E_{\text{beam}} = 9000 \text{ keV}$, gating on the transition $1_a^+ \rightarrow 0_1^+$.

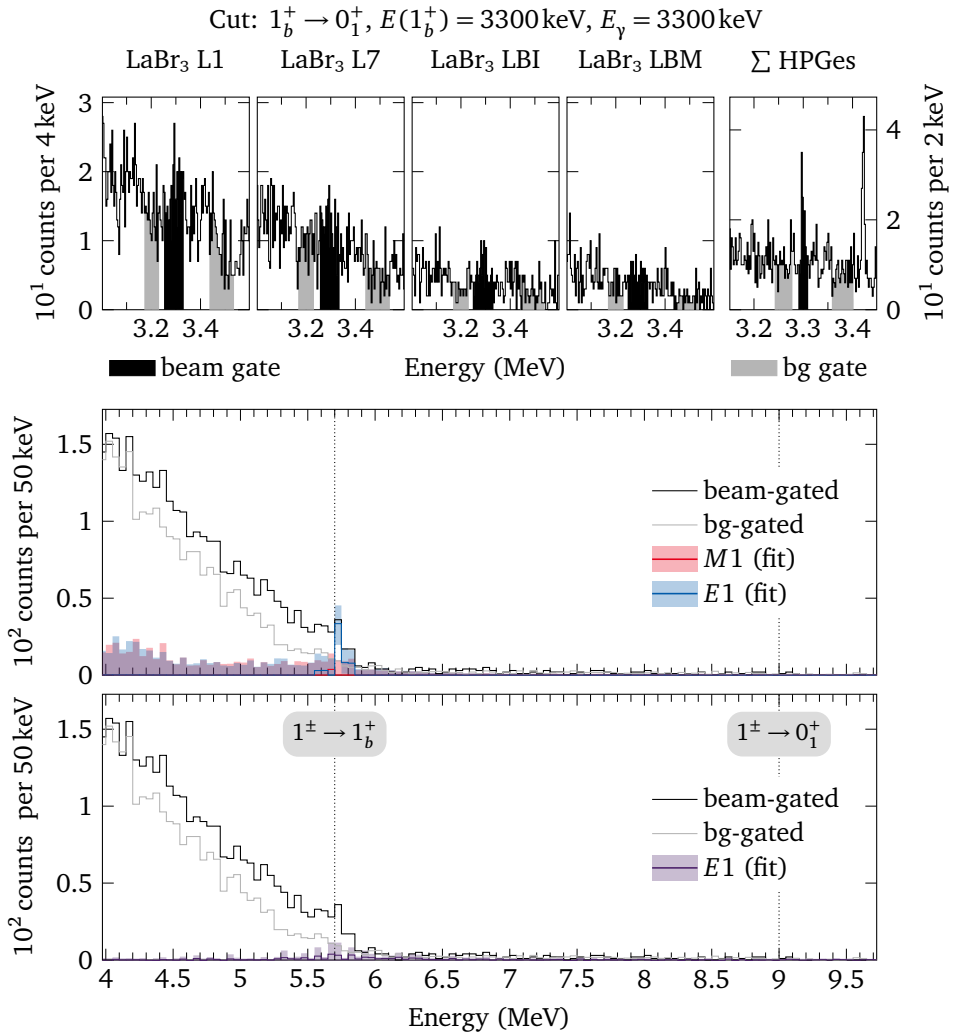


Figure 1.528: $E_{\text{beam}} = 9000 \text{ keV}$, gating on the transition $1_b^+ \rightarrow 0_1^+$.

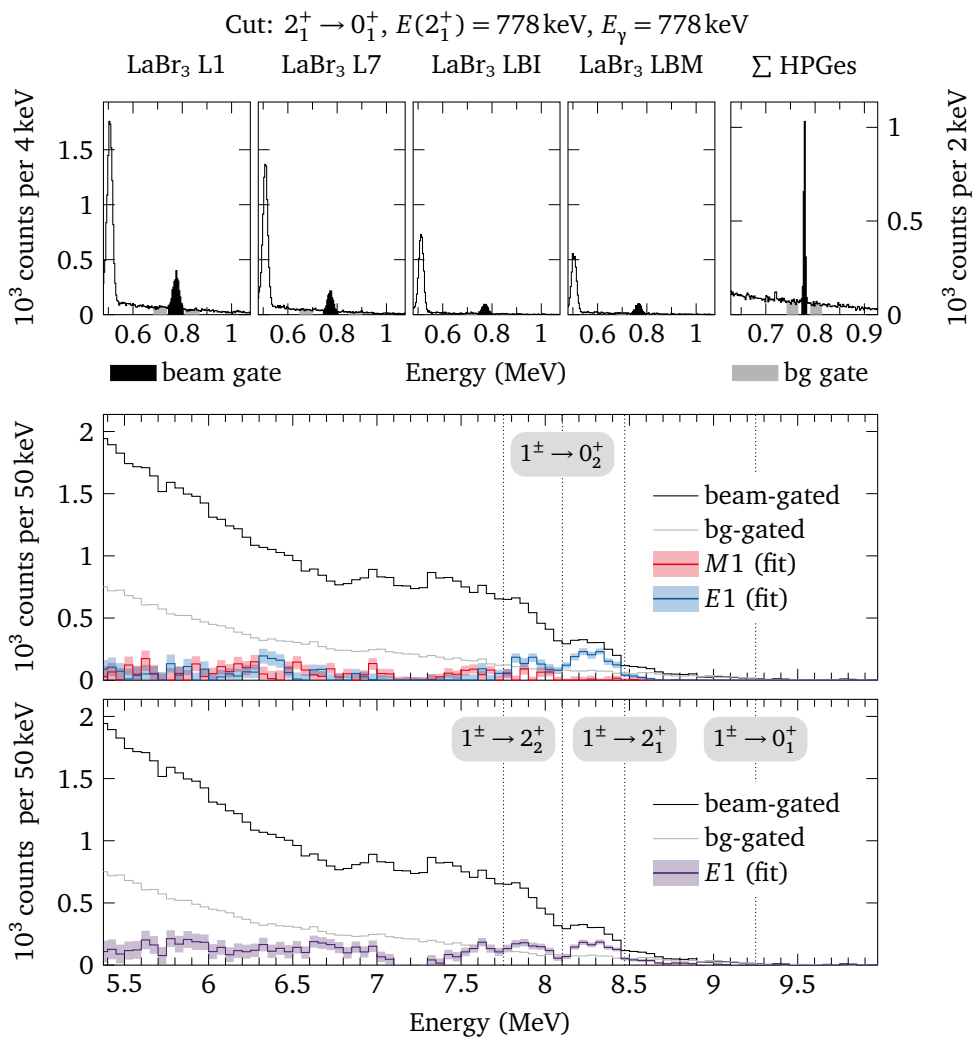


Figure 1.530: $E_{\text{beam}} = 9250 \text{ keV}$, gating on the transition $2_1^+ \rightarrow 0_1^+$.

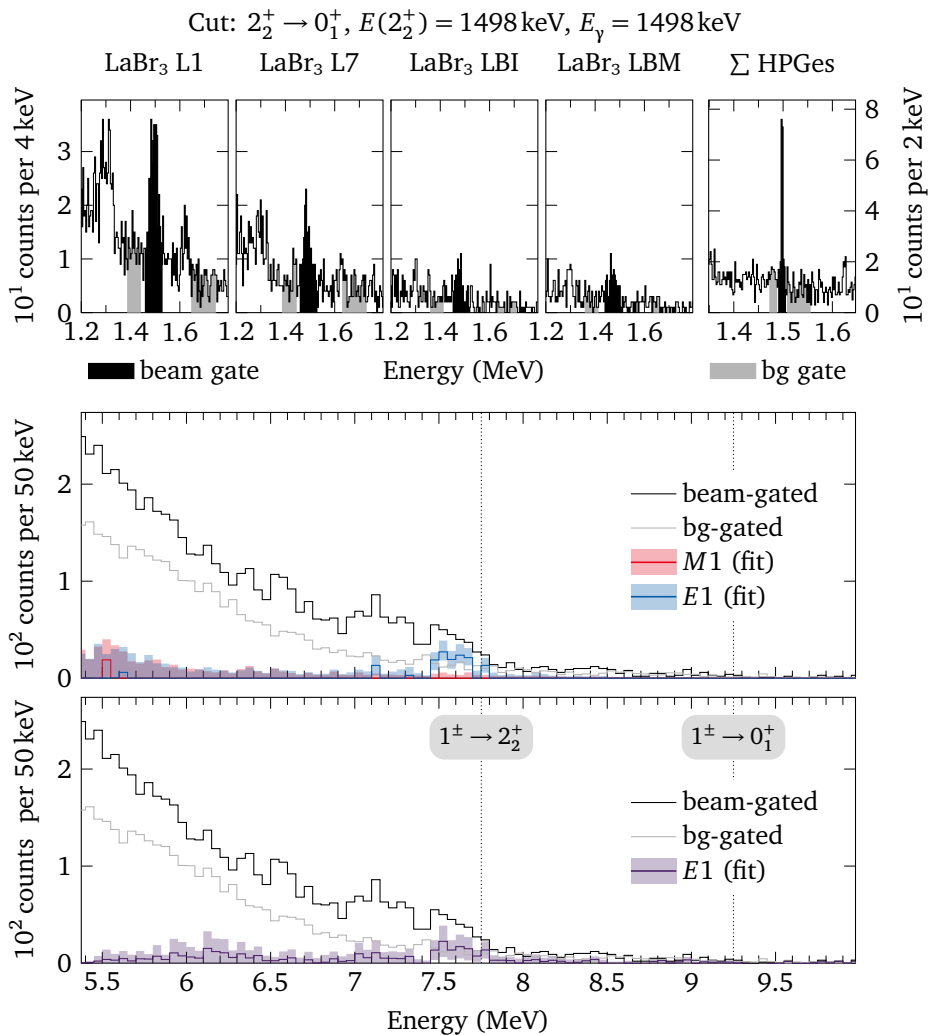


Figure 1.531: $E_{\text{beam}} = 9250 \text{ keV}$, gating on the transition $2_2^+ \rightarrow 0_1^+$.

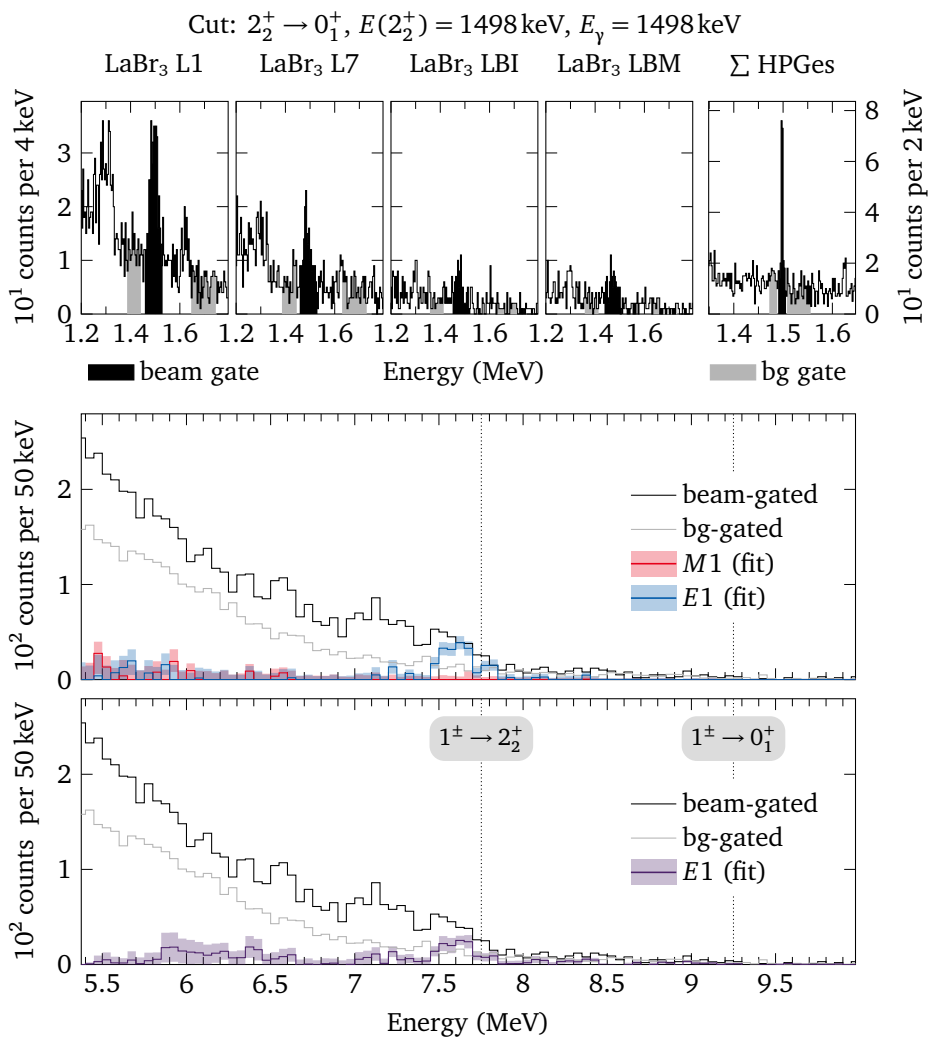


Figure 1.533: $E_{\text{beam}} = 9250 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 0_1^+$.

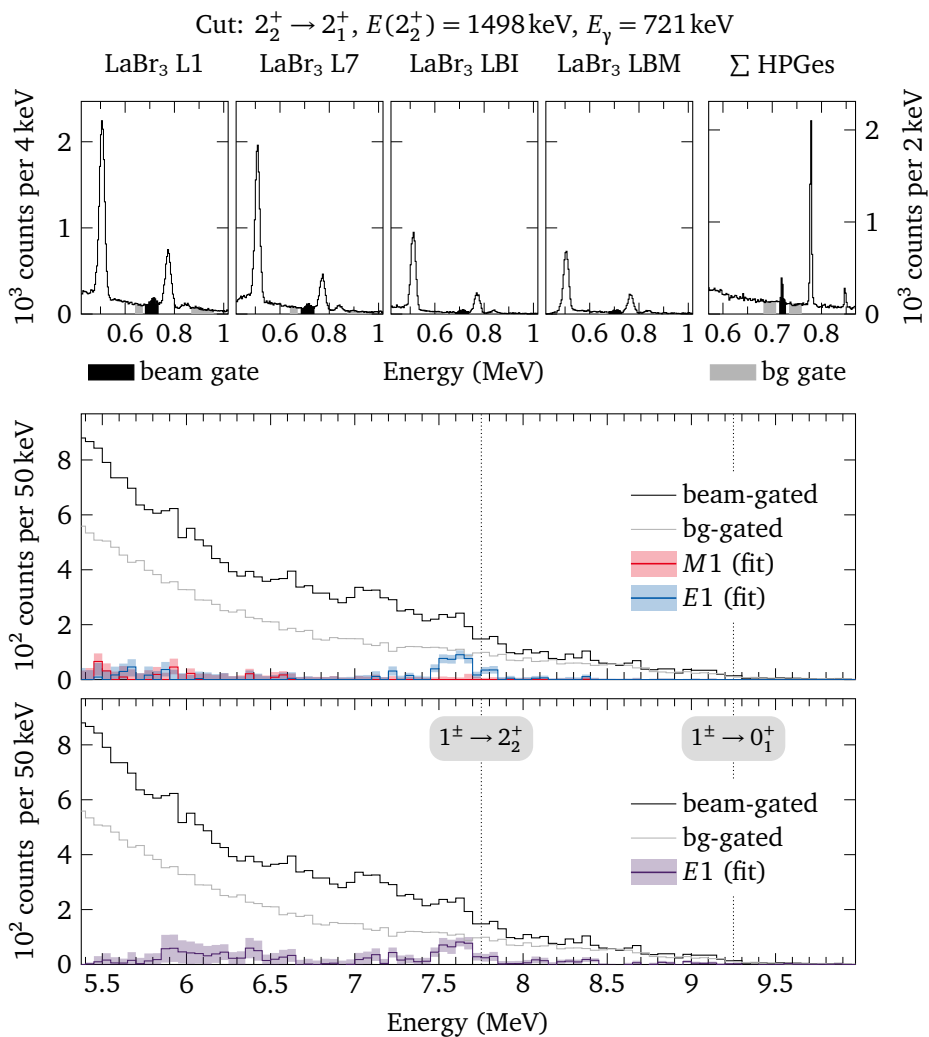


Figure 1.534: $E_{\text{beam}} = 9250 \text{ keV}$, gating on all observed decays of 2_2^+ for the fit, but only showing $2_2^+ \rightarrow 2_1^+$.

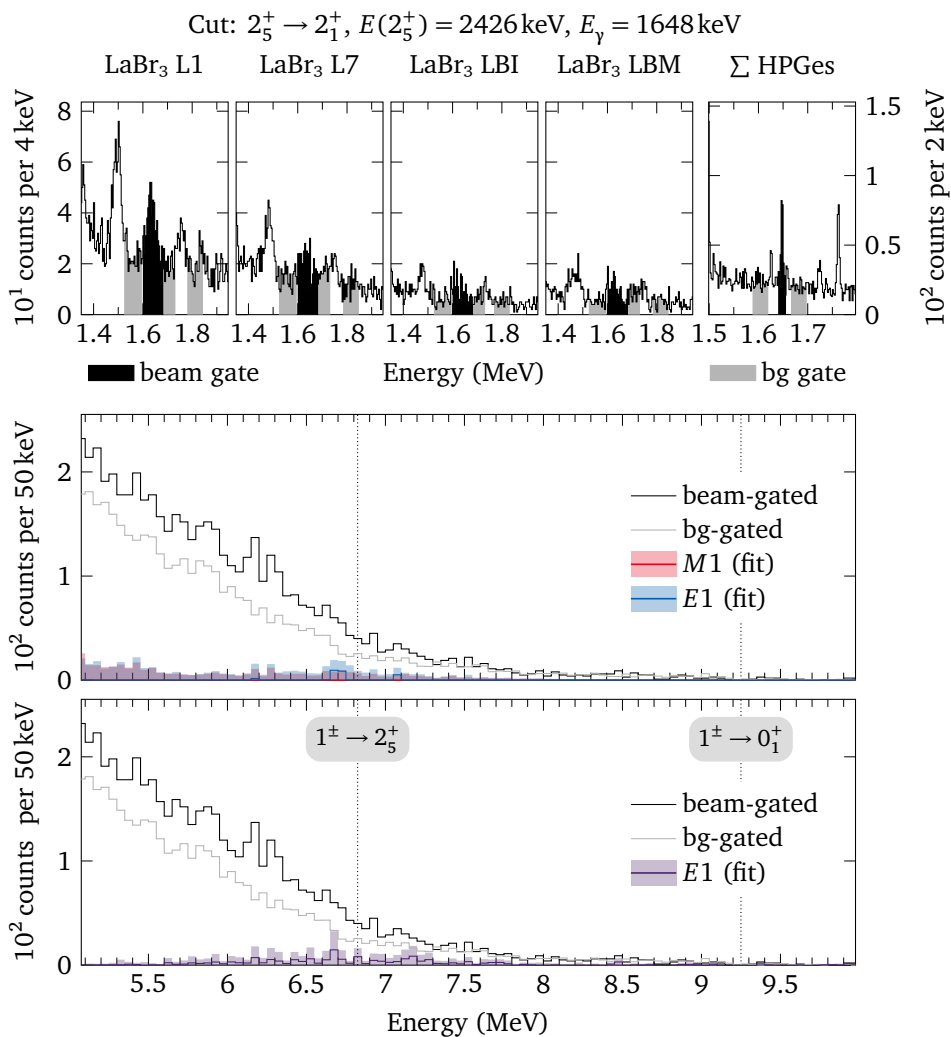


Figure 1.537: $E_{\text{beam}} = 9250 \text{ keV}$, gating on the transition $2_5^+ \rightarrow 2_1^+$.

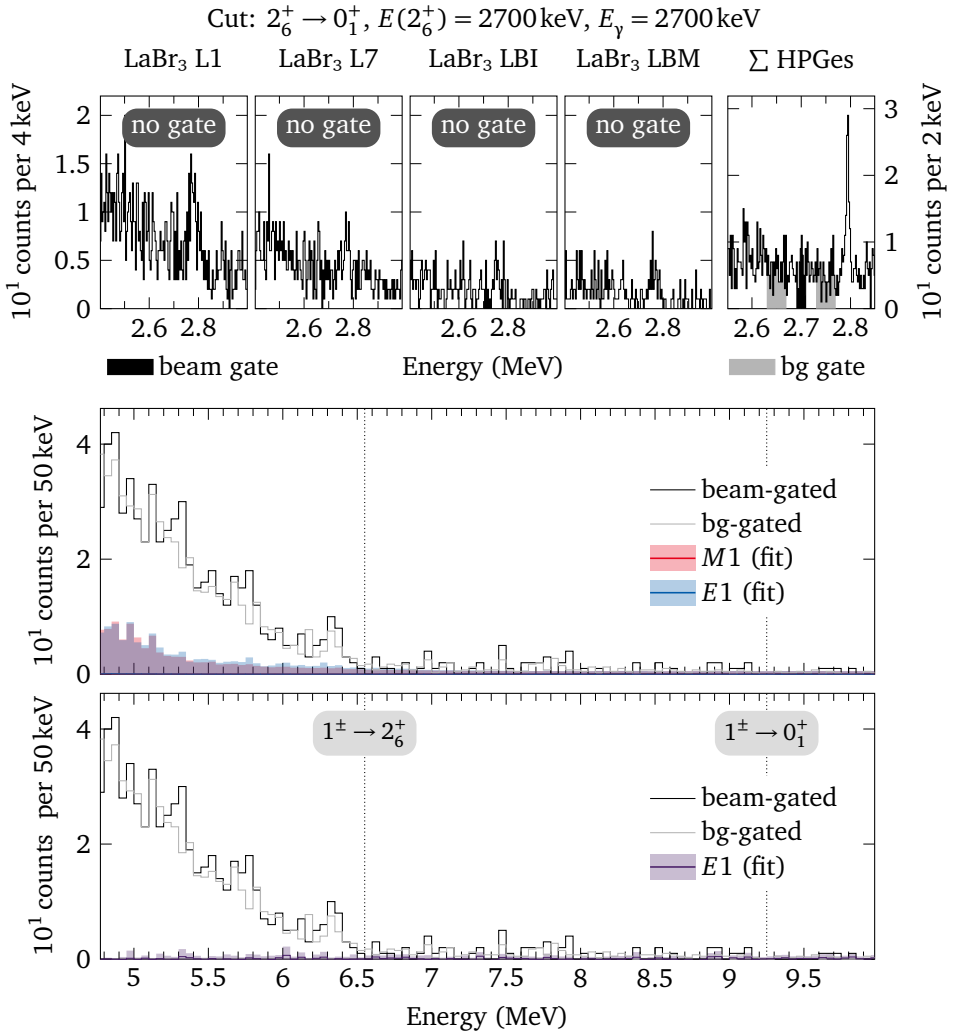


Figure 1.538: $E_{\text{beam}} = 9250 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 0_1^+$.

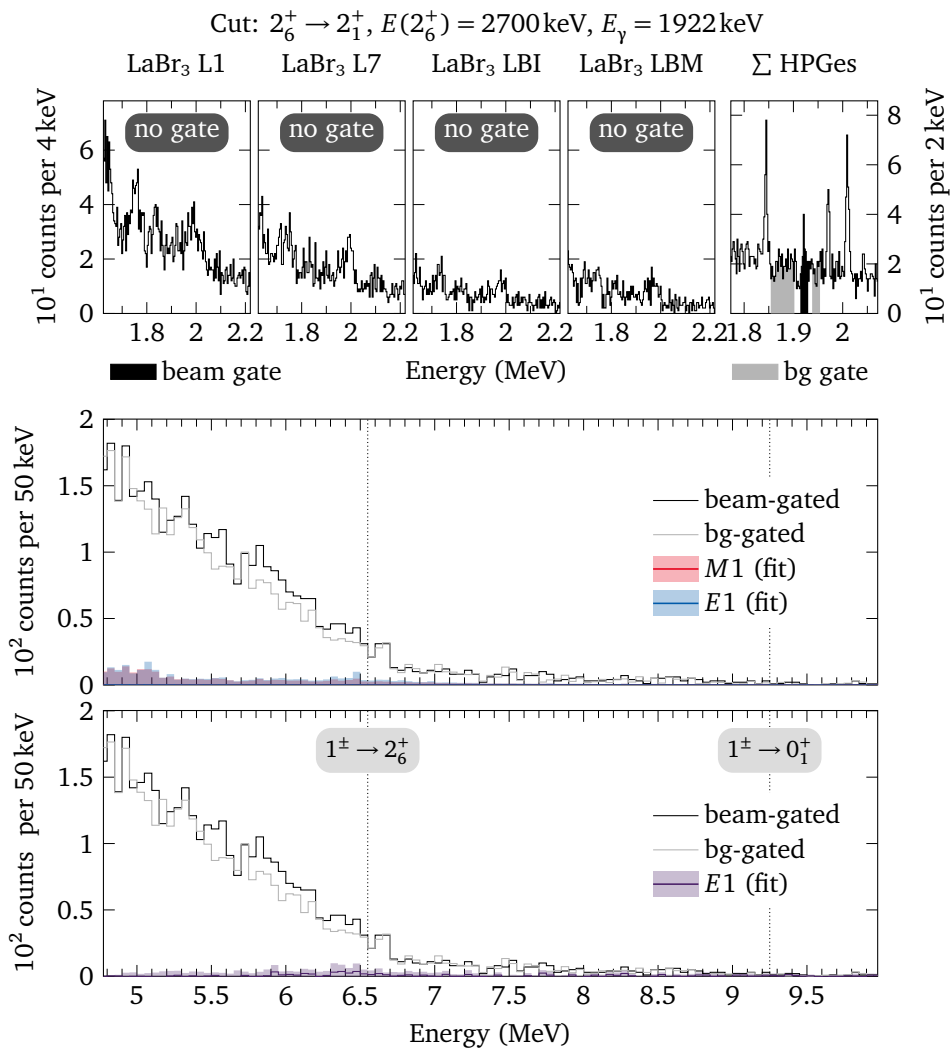


Figure 1.539: $E_{\text{beam}} = 9250 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_1^+$.

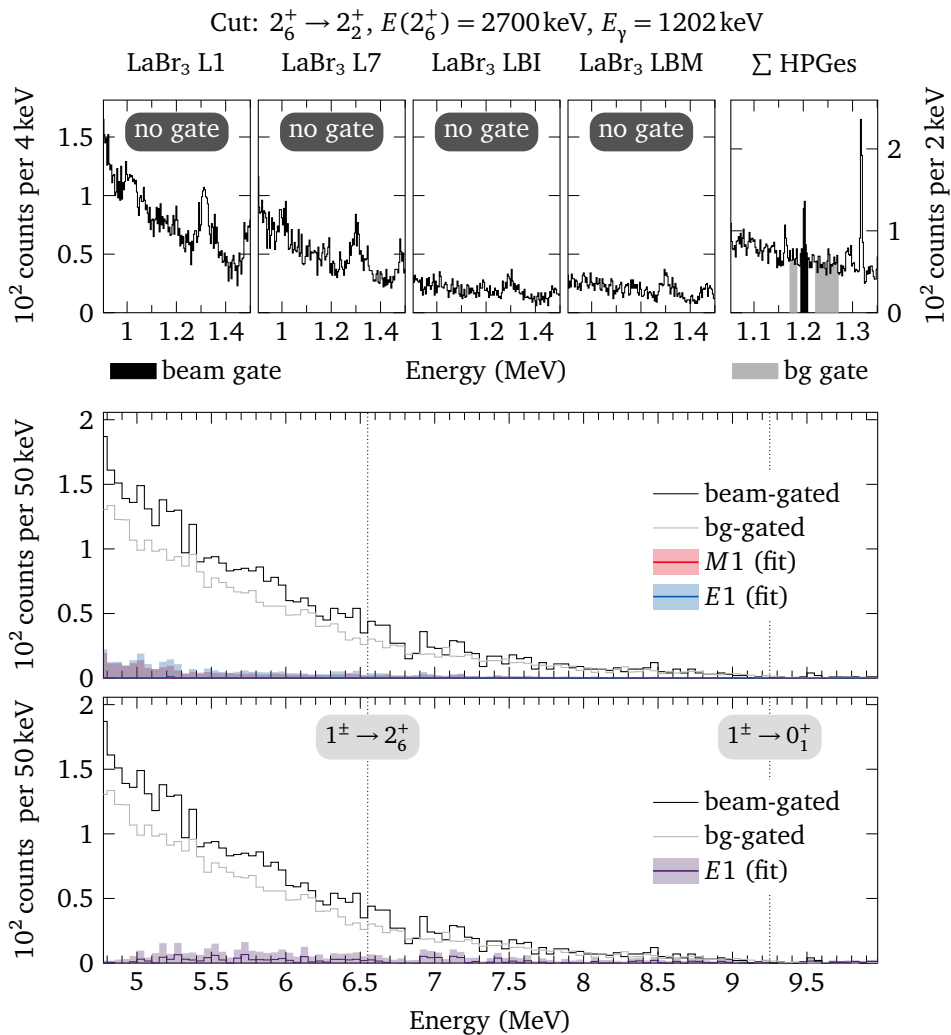


Figure 1.540: $E_{\text{beam}} = 9250 \text{ keV}$, gating on the transition $2_6^+ \rightarrow 2_2^+$.

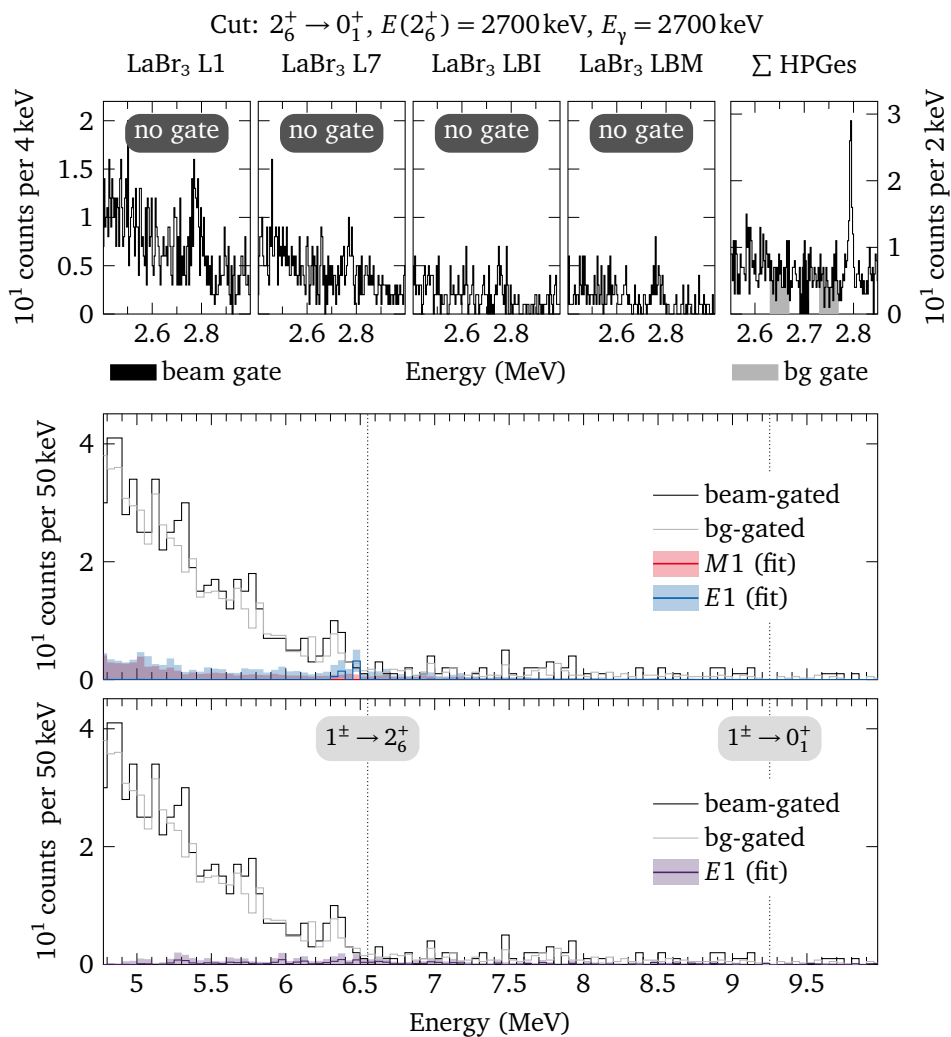


Figure 1.541: $E_{\text{beam}} = 9250 \text{ keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 0_1^+$.

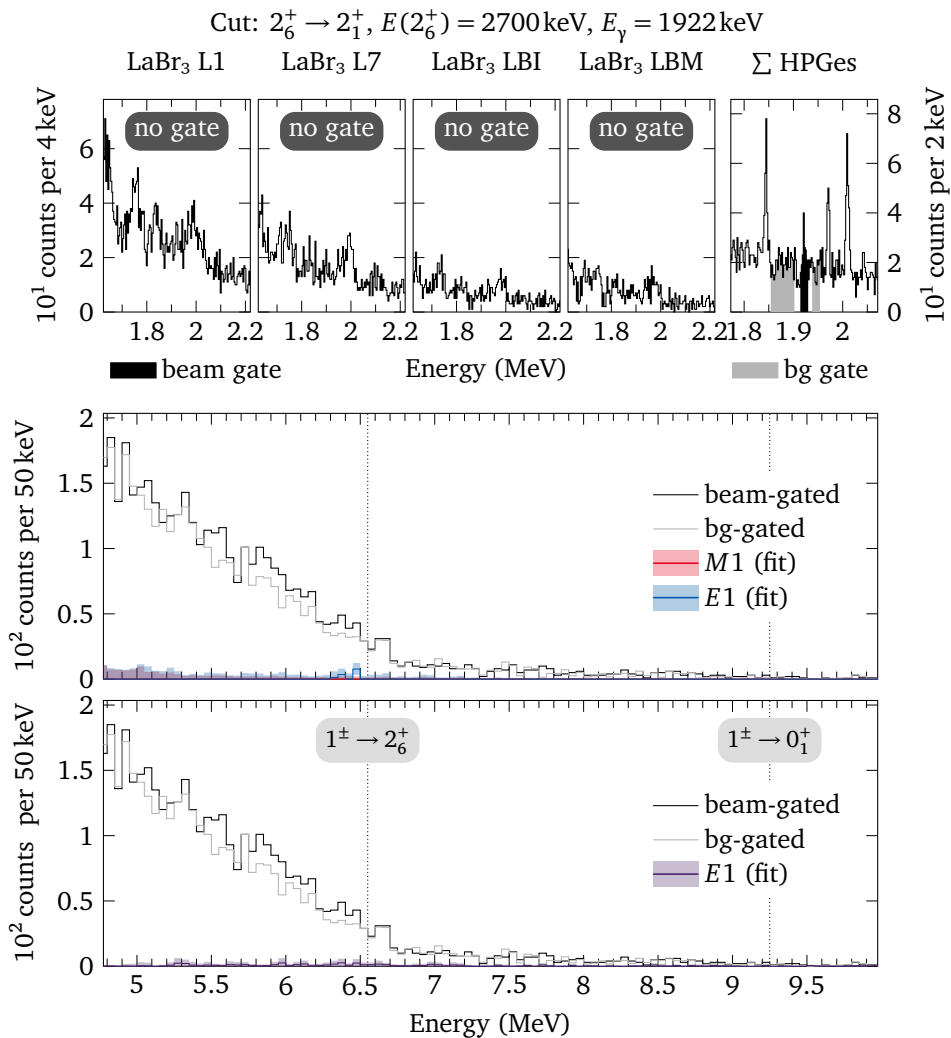


Figure 1.542: $E_{\text{beam}} = 9250\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_1^+$.

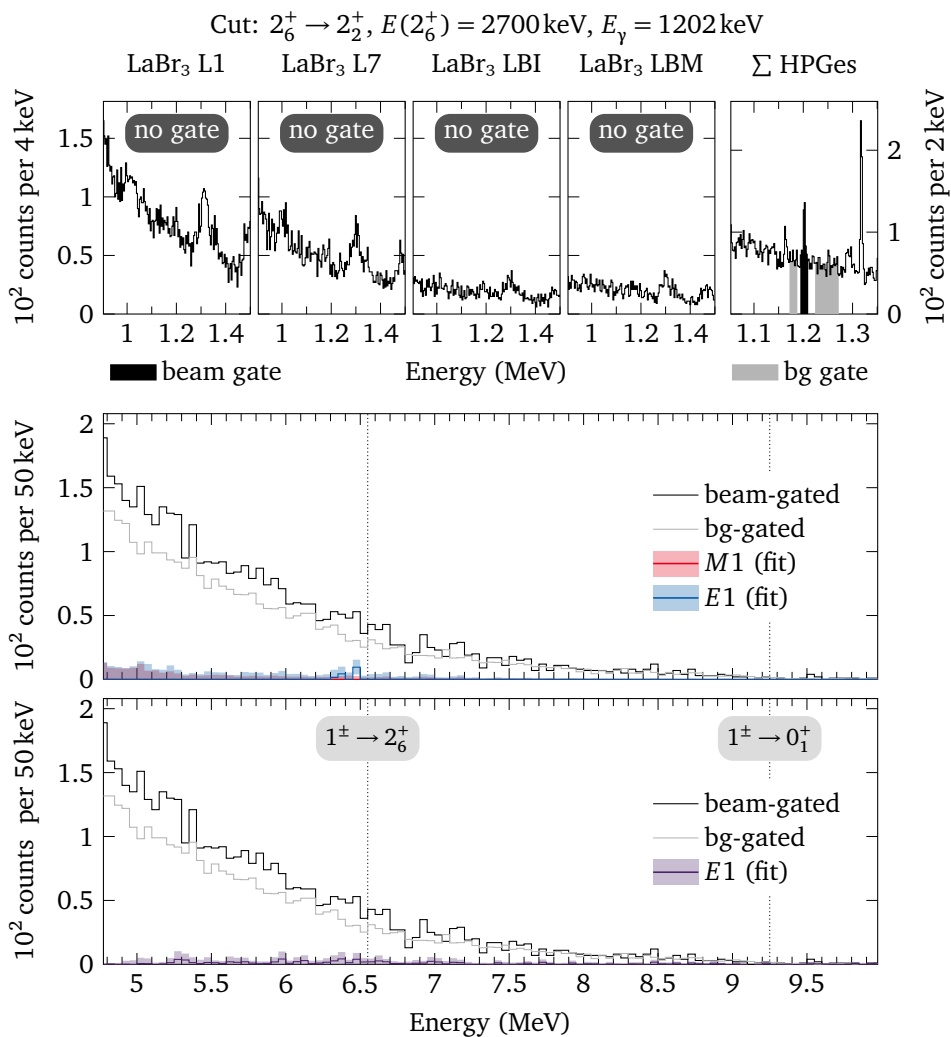


Figure 1.543: $E_{\text{beam}} = 9250\text{keV}$, gating on all observed decays of 2_6^+ for the fit, but only showing $2_6^+ \rightarrow 2_2^+$.

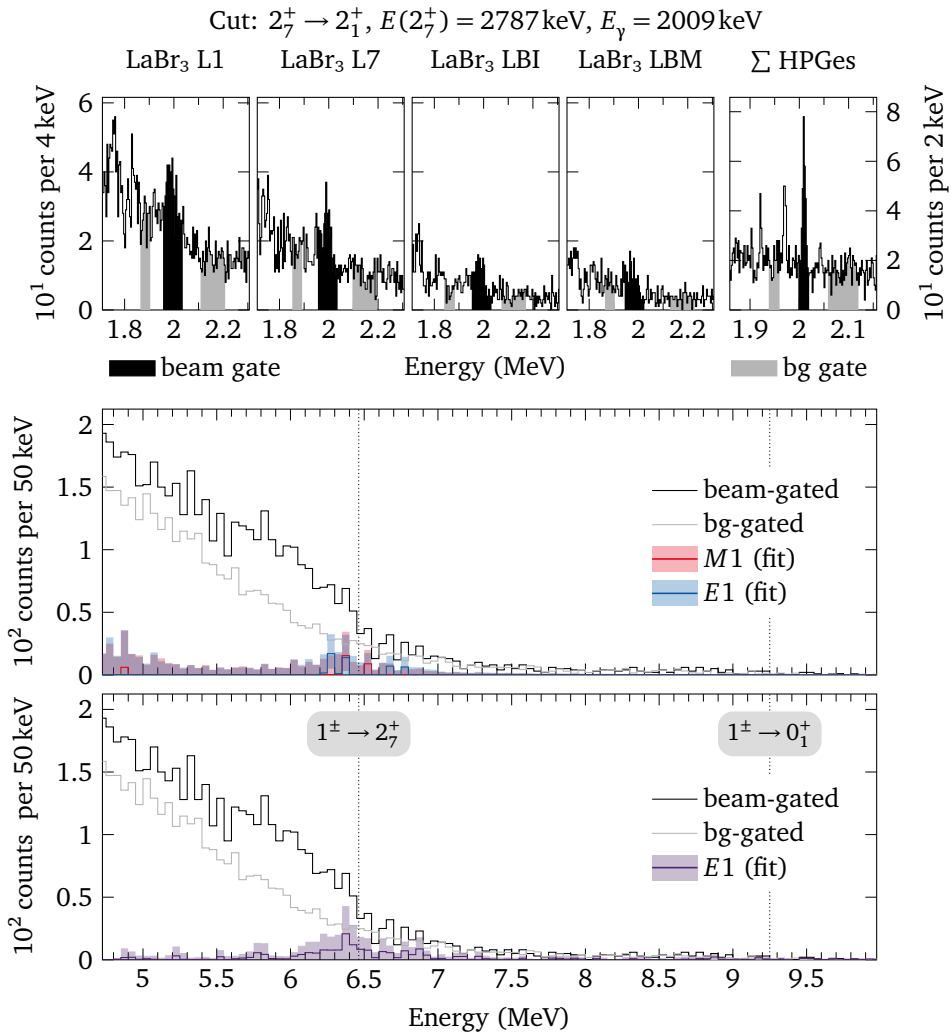


Figure 1.544: $E_{\text{beam}} = 9250 \text{ keV}$, gating on the transition $2_7^+ \rightarrow 2_1^+$.

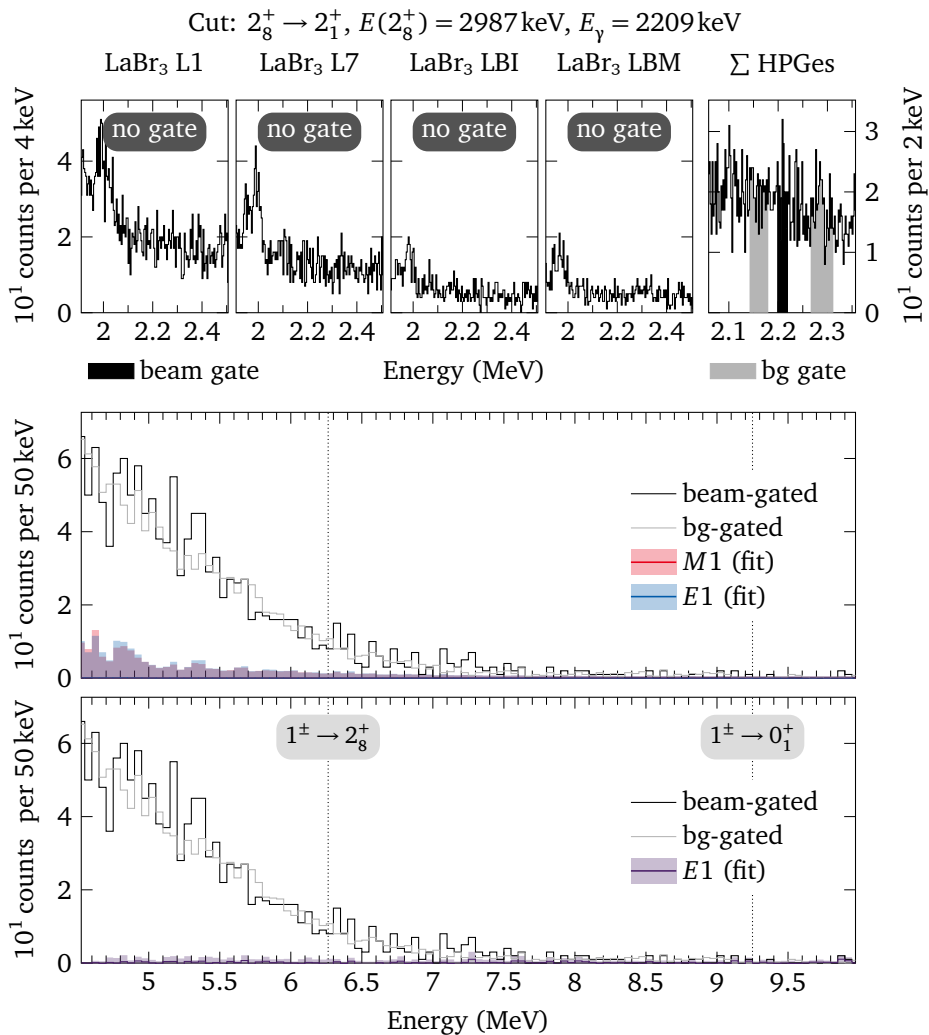


Figure 1.545: $E_{\text{beam}} = 9250 \text{ keV}$, gating on the transition $2_8^+ \rightarrow 2_1^+$.

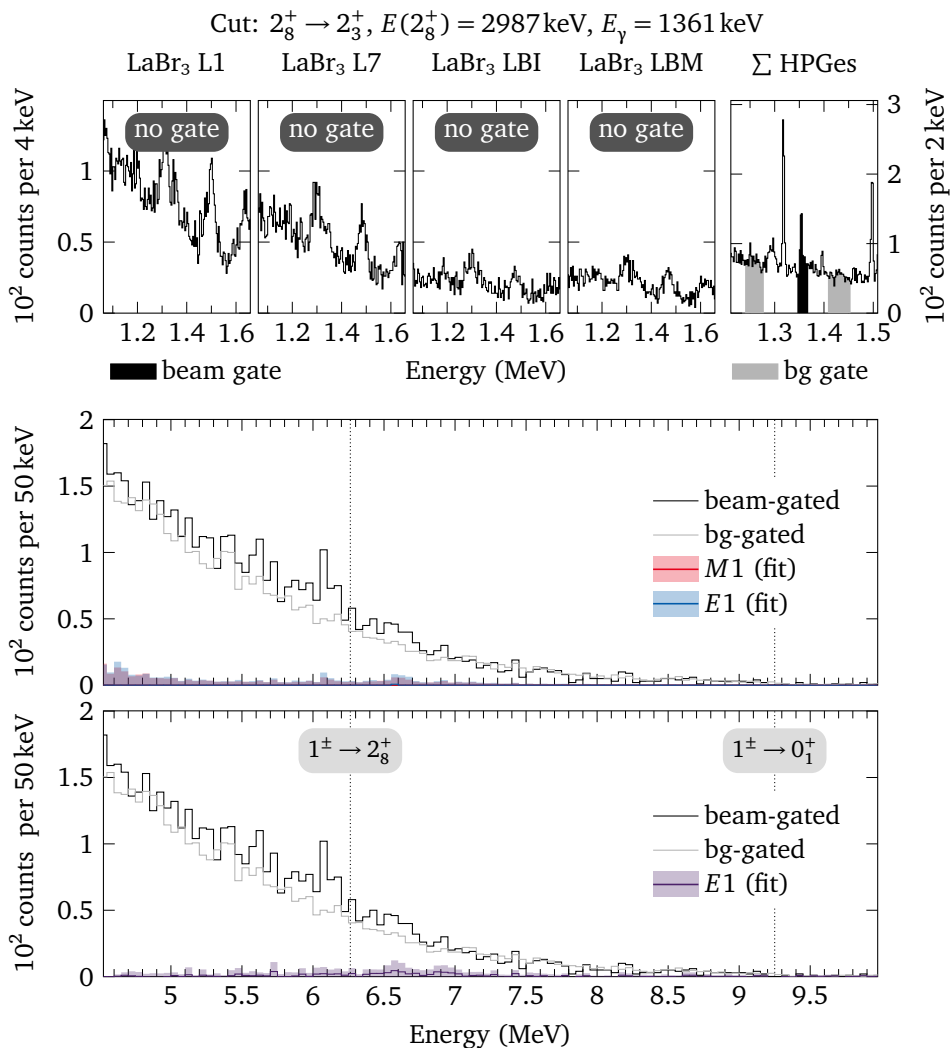


Figure 1.546: $E_{\text{beam}} = 9250\text{keV}$, gating on the transition $2_8^+ \rightarrow 2_3^+$.

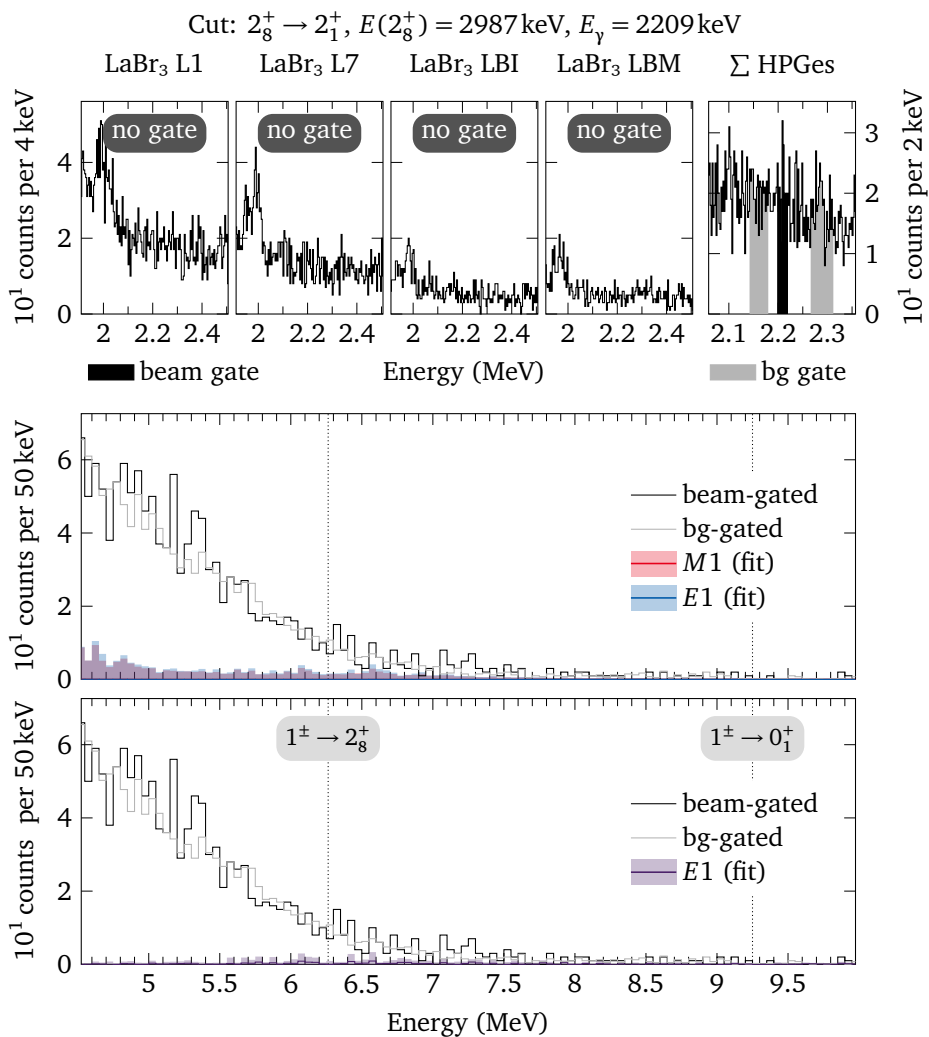


Figure 1.547: $E_{\text{beam}} = 9250 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_1^+$.

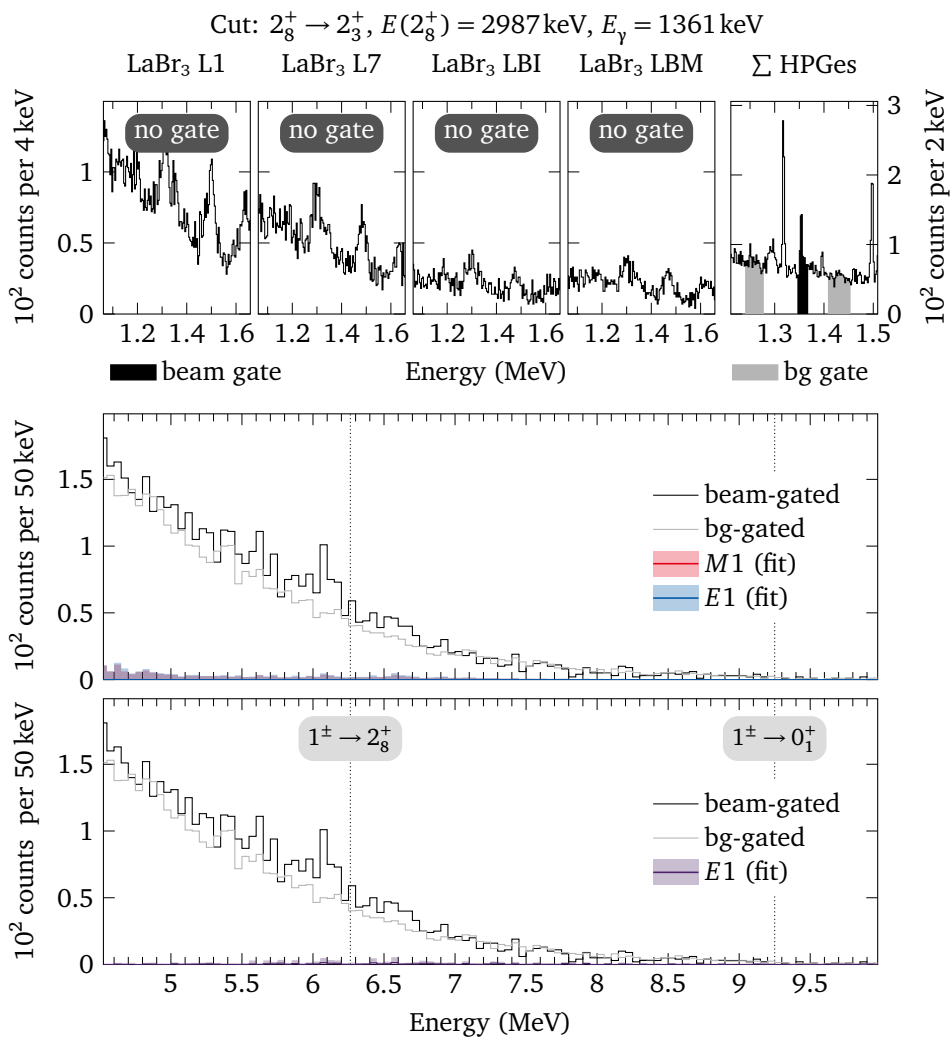


Figure 1.548: $E_{\text{beam}} = 9250 \text{ keV}$, gating on all observed decays of 2_8^+ for the fit, but only showing $2_8^+ \rightarrow 2_3^+$.

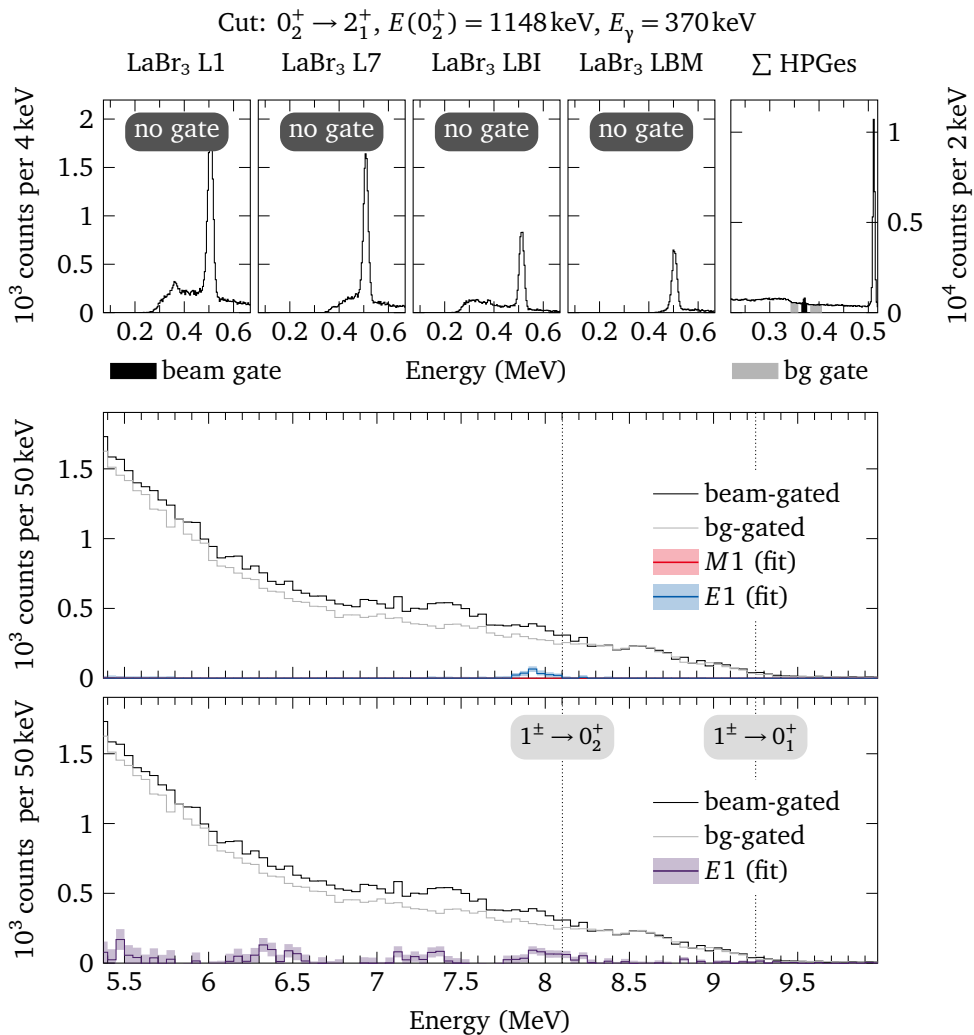


Figure 1.549: $E_{\text{beam}} = 9250 \text{ keV}$, gating on the transition $0_2^+ \rightarrow 2_1^+$.

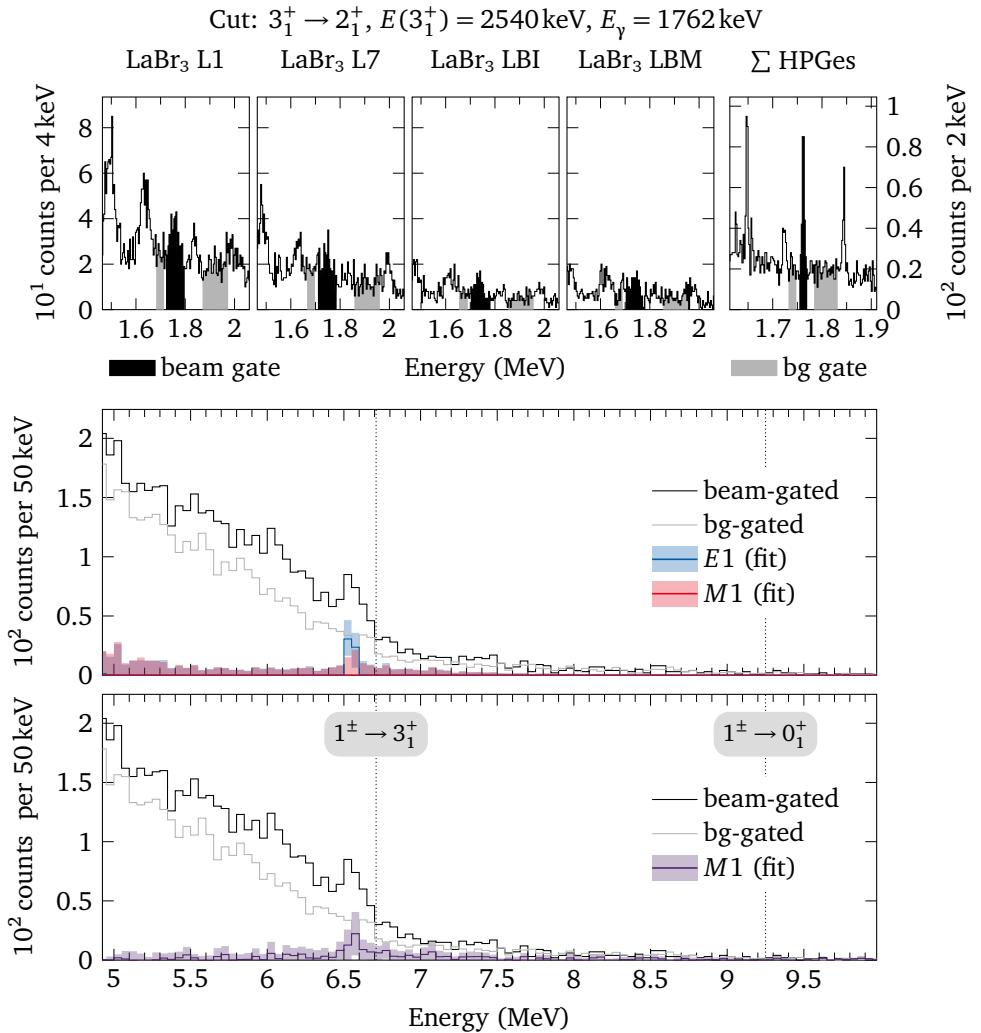


Figure 1.552: $E_{\text{beam}} = 9250 \text{ keV}$, gating on the transition $3_1^+ \rightarrow 2_1^+$.