

| Source | $B_1(5721)^+$ | | $B_2^*(5747)^+$ | | | $B_J(5840)^+$ | | $B_J(5960)^+$ | |
|--------------------------------------|---------------|----------|-----------------|-------|----------|---------------|----------|---------------|----------|
| | μ | Γ | BF ratio | μ | Γ | μ | Γ | μ | Γ |
| Total statistical | 1.81 | 3.57 | 0.51 | 0.72 | 1.99 | 12.70 | 23.90 | 4.07 | 14.50 |
| Fit range (high) | 0.35 | 0.74 | 0.10 | 0.11 | 0.25 | 1.51 | 12.85 | 0.38 | 0.46 |
| Fit range (low) | 0.64 | 1.13 | 0.13 | 0.06 | 0.13 | 7.85 | 39.71 | 0.14 | 1.44 |
| 2 MeV bins | 0.16 | 0.34 | 0.05 | 0.10 | 0.49 | 0.58 | 3.84 | 0.28 | 0.52 |
| Spline knots | 0.30 | 0.08 | 0.07 | 0.03 | 0.22 | 1.94 | 2.64 | 0.25 | 0.25 |
| Float AP | 0.02 | 0.31 | 0.01 | 0.02 | 0.03 | 2.91 | 2.44 | 0.19 | 2.24 |
| $B_2^*(5747)^+$ rel. eff, low p_T | 1.50 | 2.14 | 0.43 | 0.12 | 0.49 | 0.15 | 1.63 | 0.02 | 0.03 |
| $B_2^*(5747)^+$ rel. eff, mid p_T | 1.55 | 2.26 | 0.53 | 0.12 | 0.51 | 0.29 | 2.03 | 0.04 | 0.15 |
| $B_2^*(5747)^+$ rel. eff, high p_T | 0.49 | 0.90 | 0.11 | 0.03 | 0.12 | 0.10 | 0.84 | 0.02 | 0.07 |
| Eff. variation with Q value | 0.07 | 0.27 | 0.02 | 0.03 | 0.10 | 1.65 | 7.28 | 0.16 | 0.94 |
| Data-simulation reweighting | 0.04 | 0.38 | 0.03 | 0.00 | 0.02 | 2.13 | 7.49 | 0.40 | 1.75 |
| B p_T | 0.45 | 1.38 | 0.17 | 0.14 | 0.54 | 1.16 | 7.79 | 0.98 | 4.65 |
| p_T binning | 1.82 | 1.03 | 0.26 | 0.15 | 1.38 | 0.54 | 55.56 | 0.94 | 11.43 |
| Fit bias | 0.14 | 0.39 | 0.04 | 0.01 | 0.32 | 1.14 | 7.65 | 0.57 | 4.21 |
| Spin | 0.14 | 0.33 | 0.05 | 0.15 | 0.94 | 4.18 | 24.49 | 1.67 | 5.98 |
| Effective radius | 0.70 | 1.48 | 0.12 | 0.19 | 0.29 | 2.82 | 22.15 | 0.39 | 3.76 |
| $B^* - B$ mass | 0.21 | 0.06 | 0.07 | 0.01 | 0.15 | 0.32 | 0.48 | 0.03 | 0.07 |
| $B_J(5840)^+$ J^P | 0.00 | 0.05 | 0.00 | 0.03 | 0.15 | — | — | 0.72 | 1.64 |
| $B_J(5960)^+$ J^P | 0.02 | 0.01 | 0.01 | 0.04 | 0.26 | 5.99 | 4.86 | — | — |
| Extra state | 0.03 | 0.41 | 0.00 | 0.00 | 0.15 | 6.28 | 12.82 | 0.43 | 7.81 |
| Total systematic | 3.10 | 4.28 | 0.79 | 0.40 | 2.07 | 13.70 | 79.82 | 2.52 | 17.18 |