

| Source | $\mathcal{R}(\text{total})$ | $\mathcal{R}(M_{p\bar{p}} < 2.85 \text{ GeV}/c^2)$ | $\mathcal{R}(\eta_c(1S))$ | $\mathcal{R}(\psi(2S))$ |
|----------------------|-----------------------------|--|---------------------------|-------------------------|
| Efficiency ratio | 0.21 | 0.5 | 3.3 | 4.8 |
| B^+ mass fit range | 0.16 | 0.5 | – | – |
| Sig. and Bkg. shape | 2.5 | 3.6 | 1.8 | 6.5 |
| B^+ mass window | 0.6 | 0.6 | 0.9 | 3.8 |
| Non-signal component | – | – | 0.4 | 5.1 |
| Signal tail param. | 1.0 | 1.0 | 1.2 | 4.3 |
| Total | 2.8 | 3.8 | 4.1 | 11.3 |

| Source | $\mathcal{R}(\eta_c(2S))$ | $\mathcal{R}(\chi_{c0}(1P))$ | $\mathcal{R}(h_c(1P))$ | $\mathcal{R}(X(3872))$ | $\mathcal{R}(X(3915))$ |
|----------------------|---------------------------|------------------------------|------------------------|------------------------|------------------------|
| Efficiency ratio | 4.4 | 2.5 | 3.4 | 6.5 | 7.0 |
| B^+ mass fit range | – | – | – | – | – |
| Sig. and Bkg. shape | 3.9 | 3.3 | 14.3 | 5.6 | 10.1 |
| B^+ mass window | 11.3 | 23.6 | 23.6 | 17.5 | 7.5 |
| Non-signal component | – | – | – | – | – |
| Signal tail param. | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Total | 12.8 | 24.0 | 27.8 | 19.5 | 15.5 |

