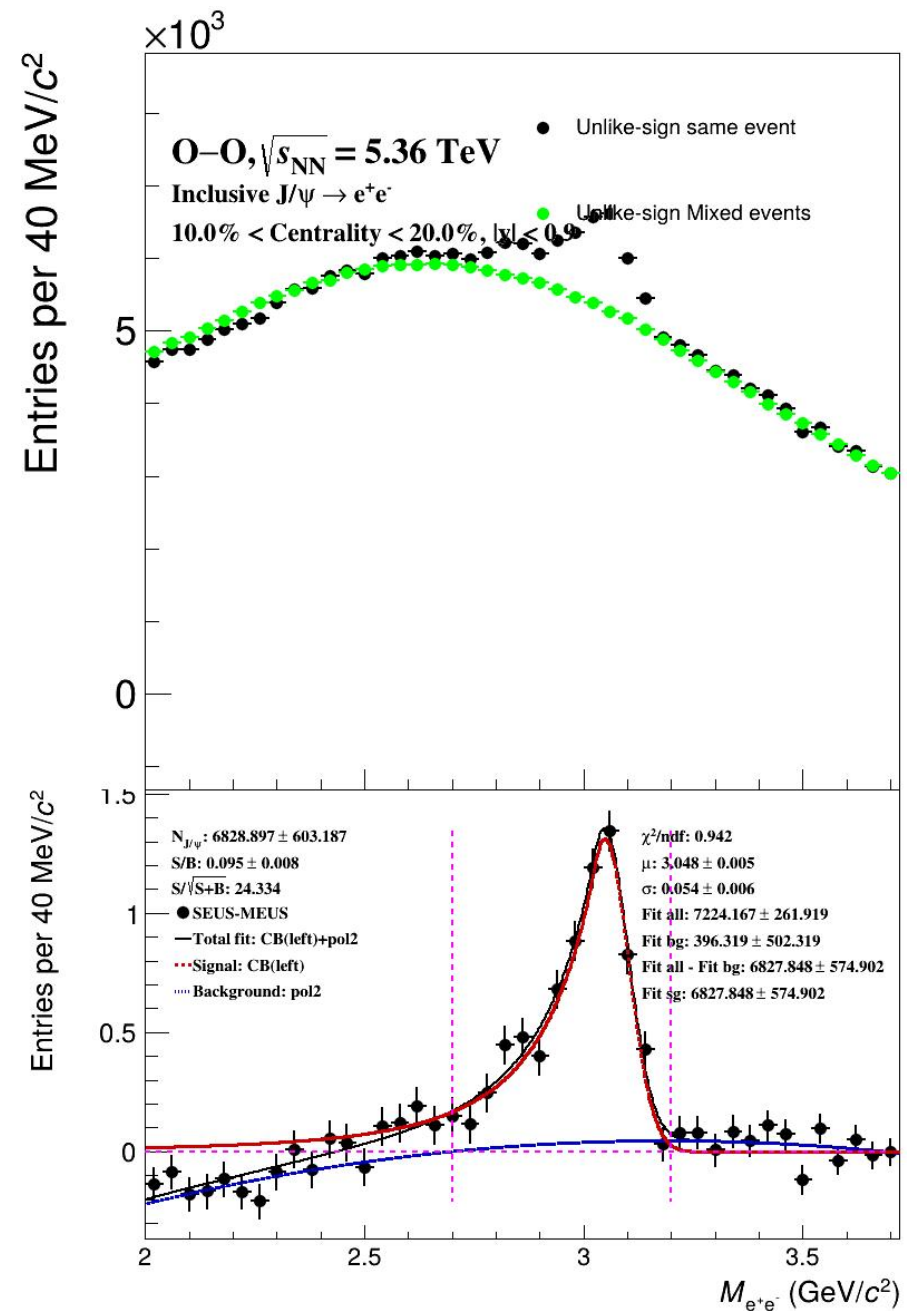
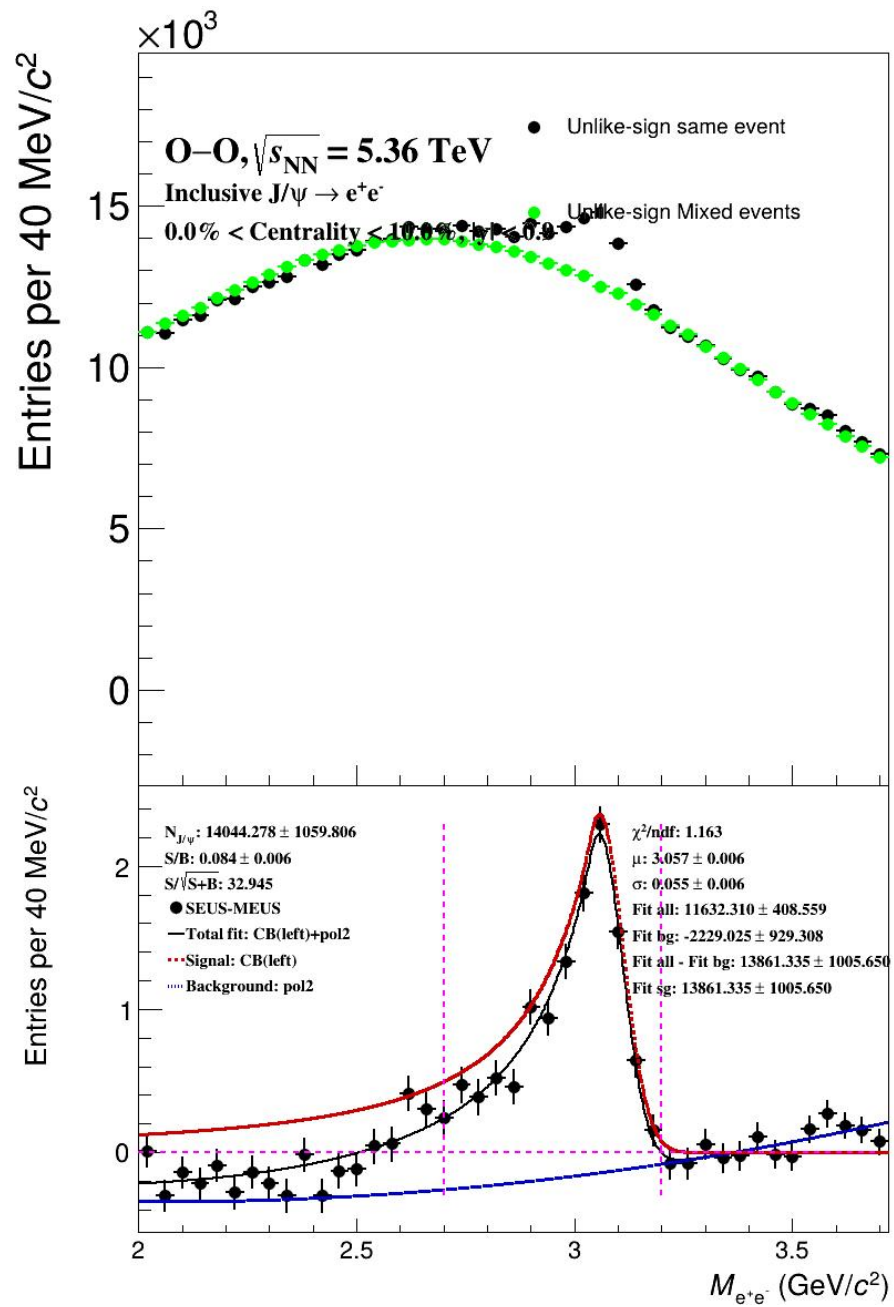
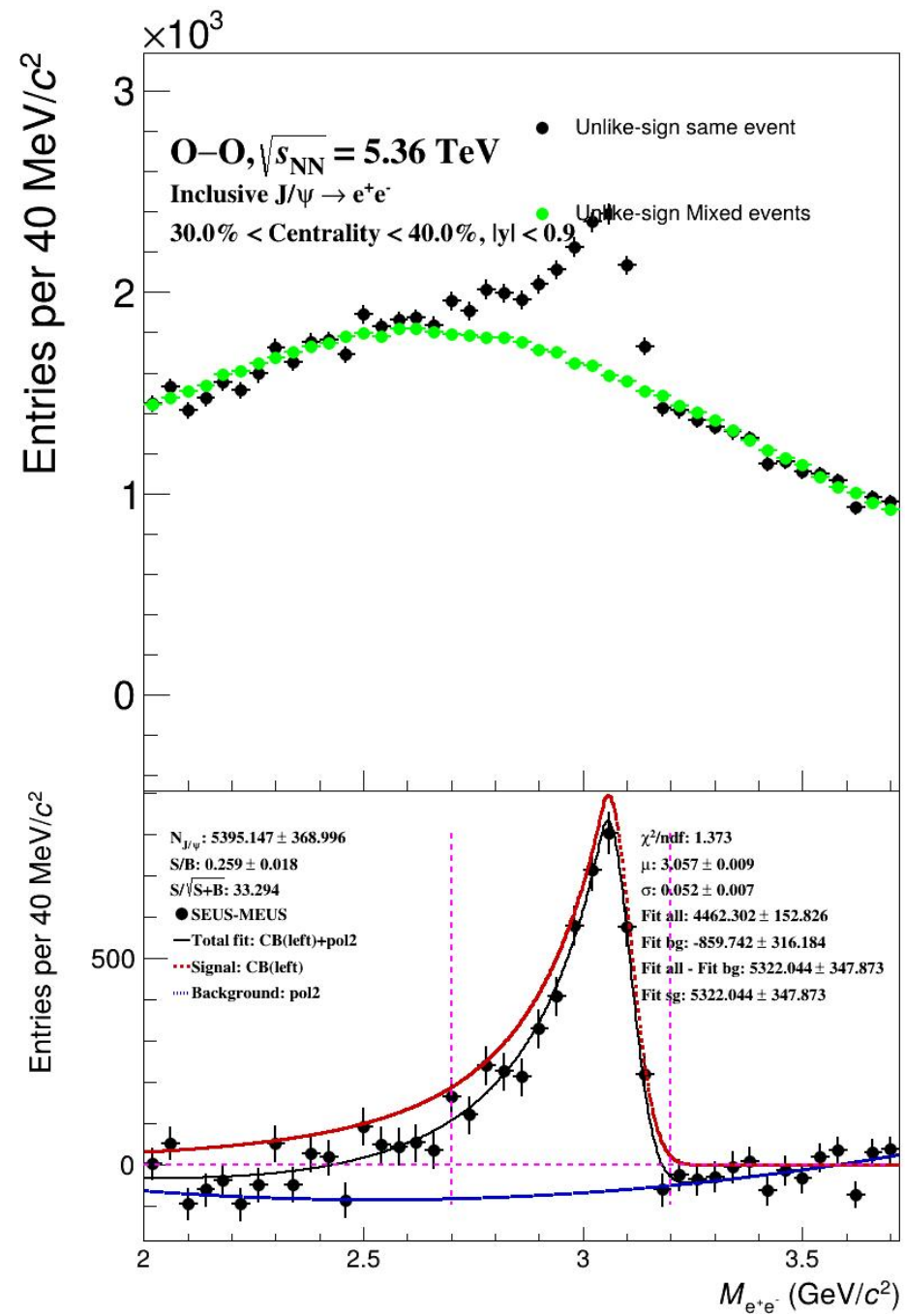
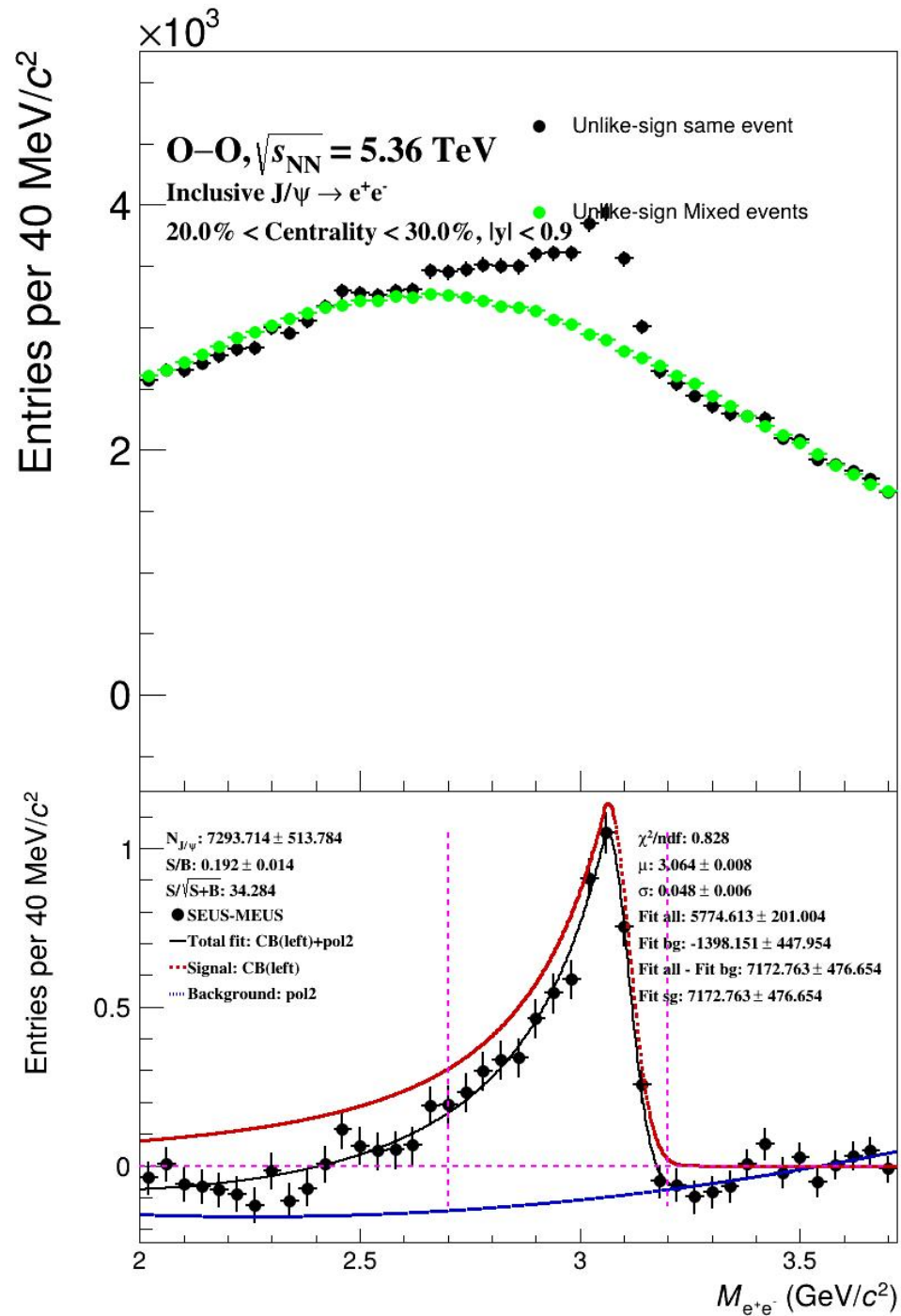


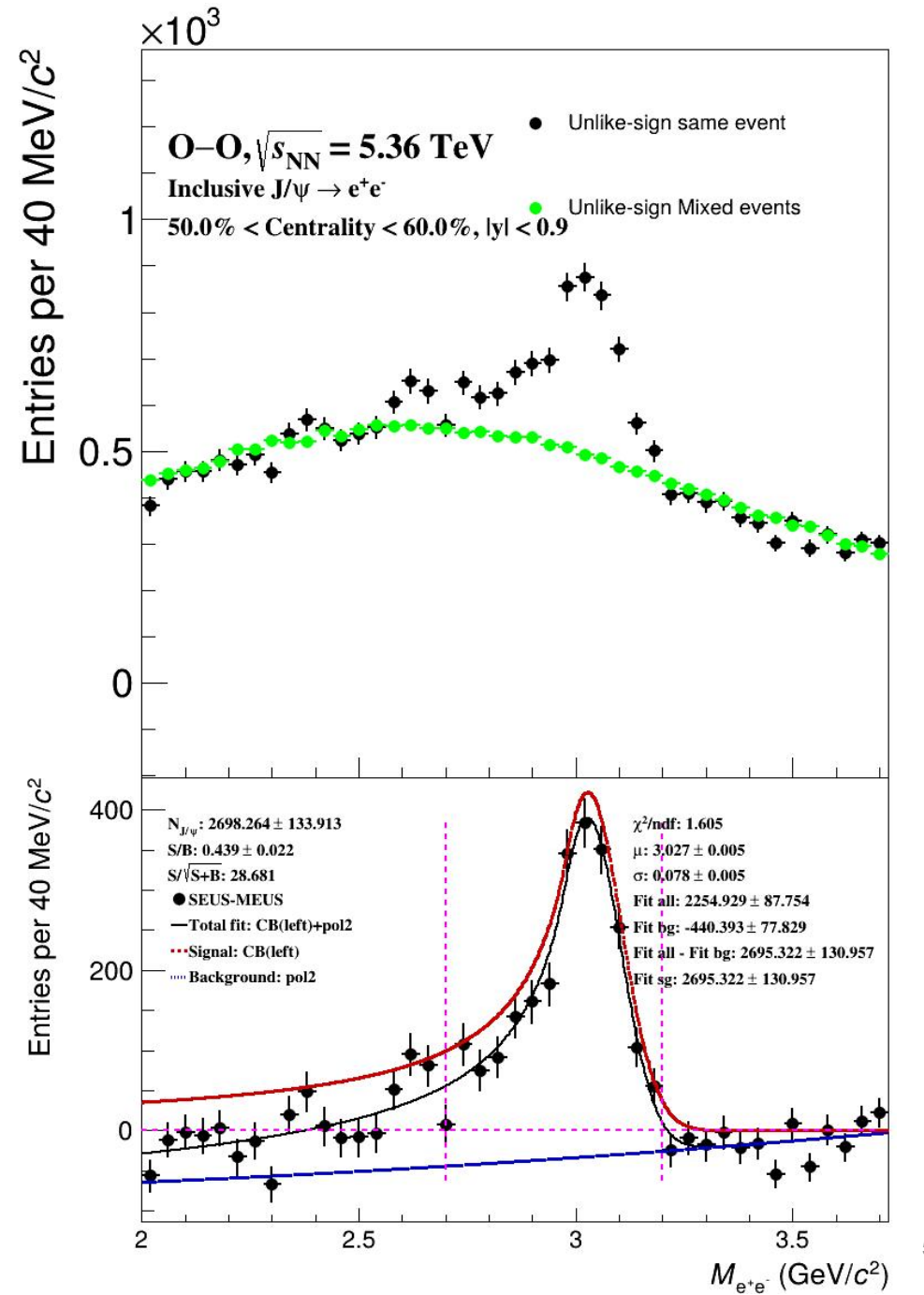
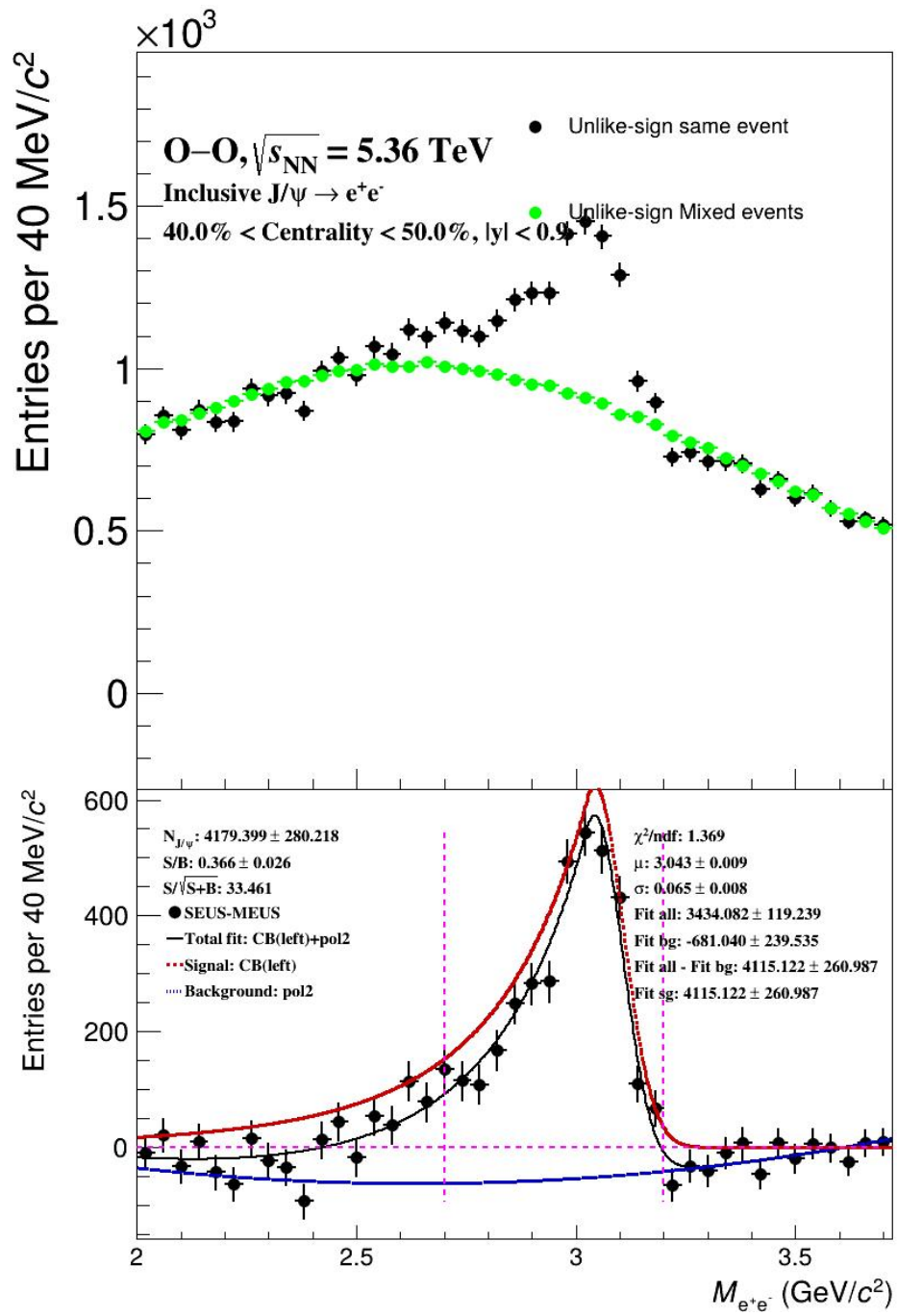
J/ ψ cross section in OO collisions

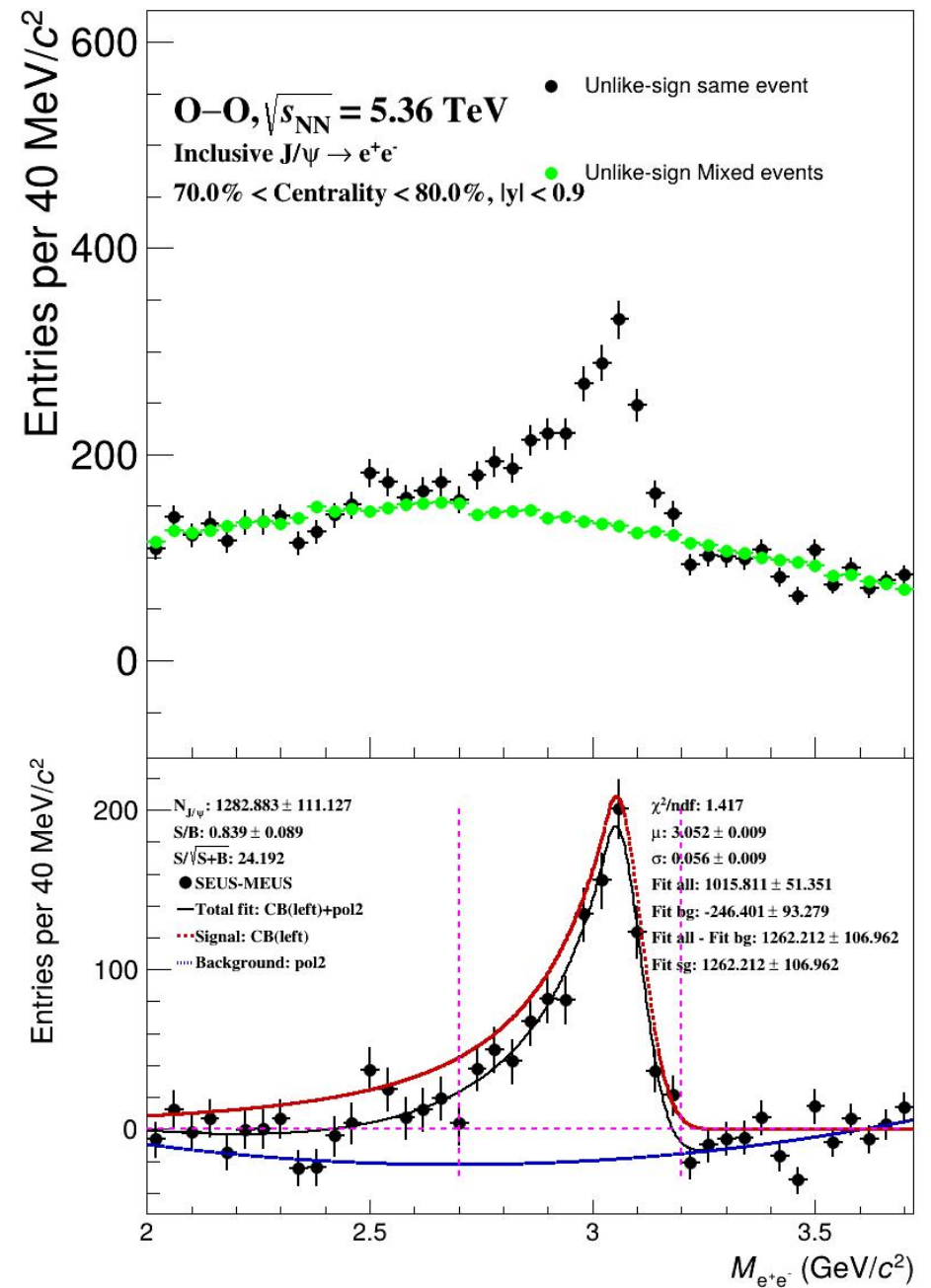
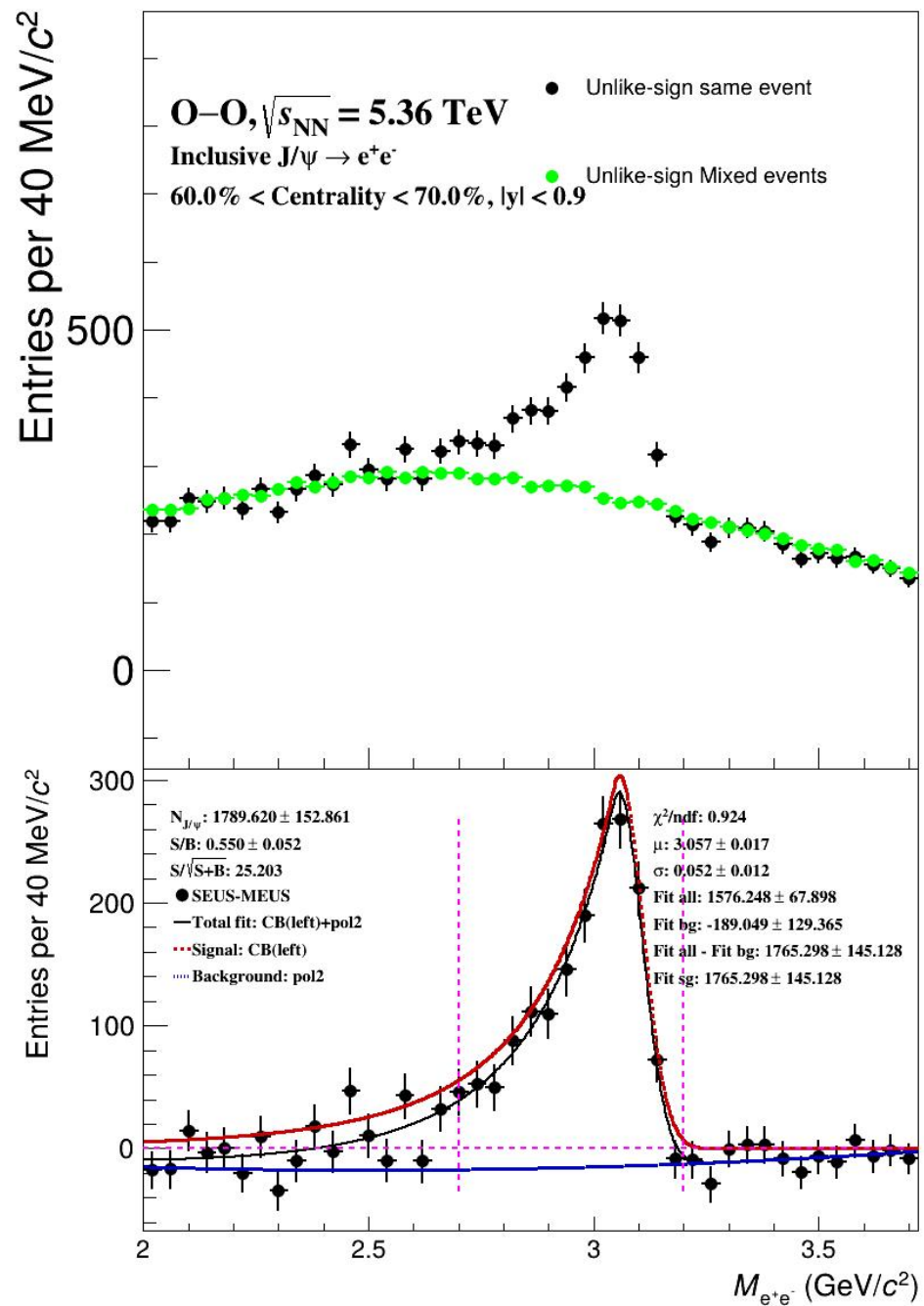
Liang Dong
2025.11.20

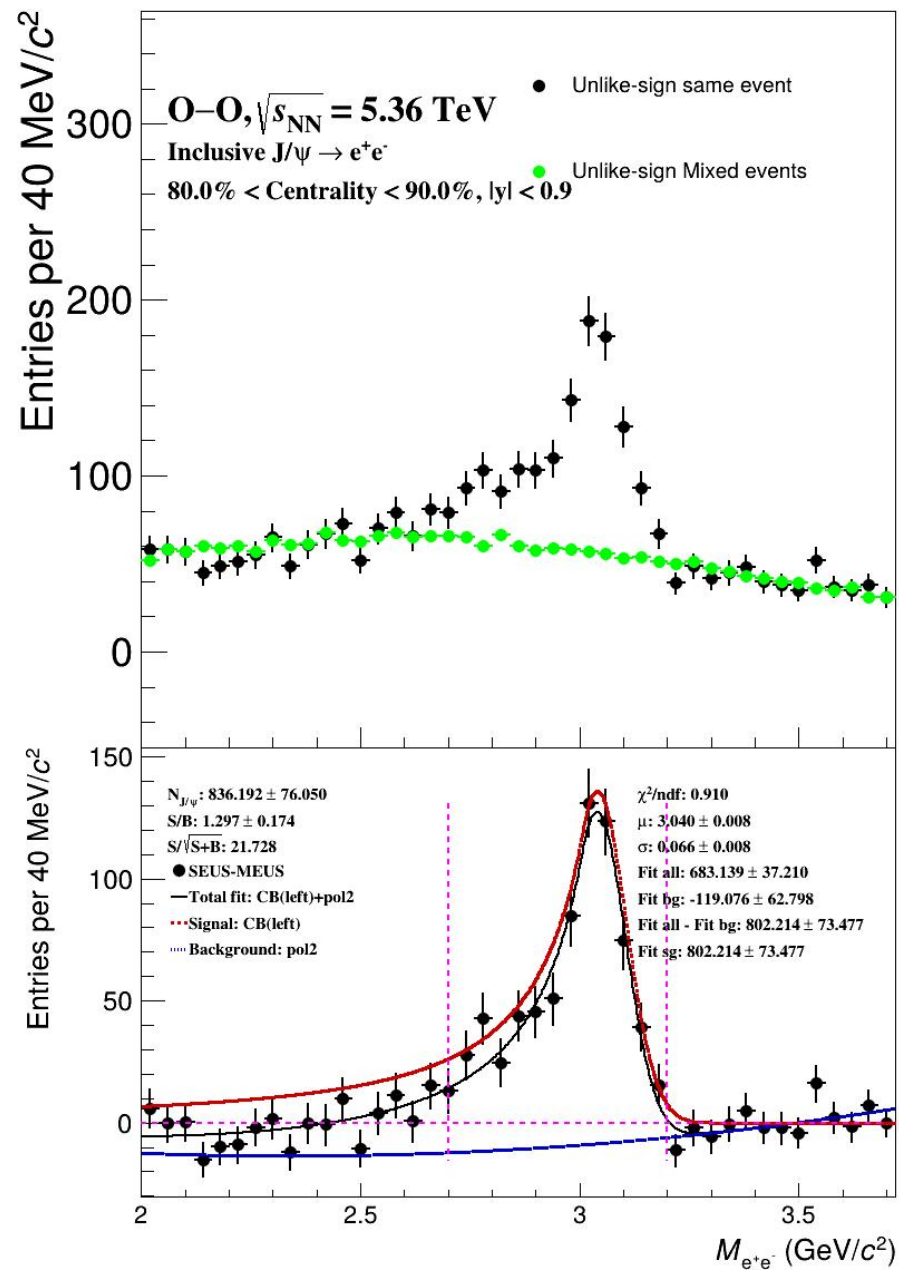
Centrality Results



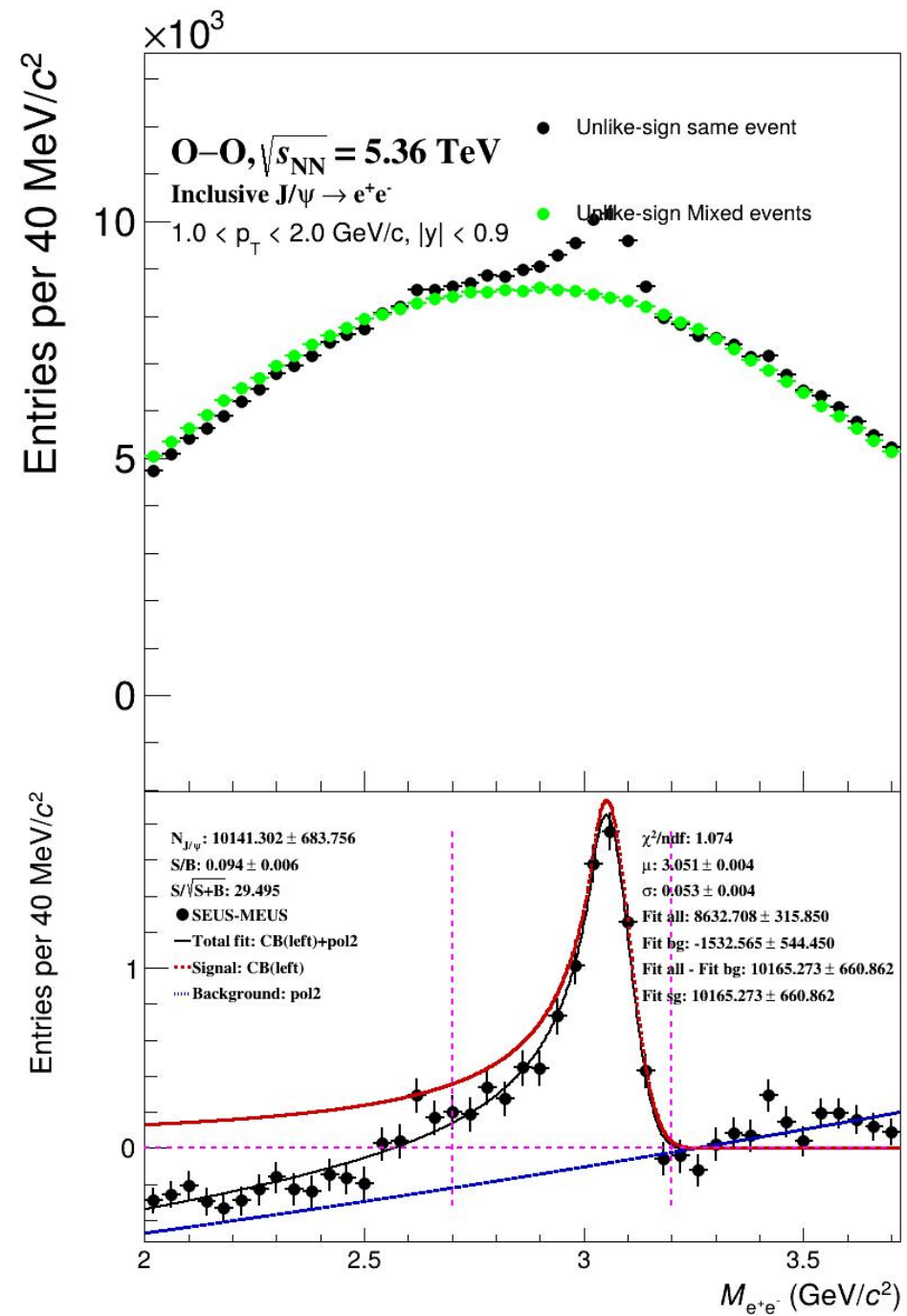
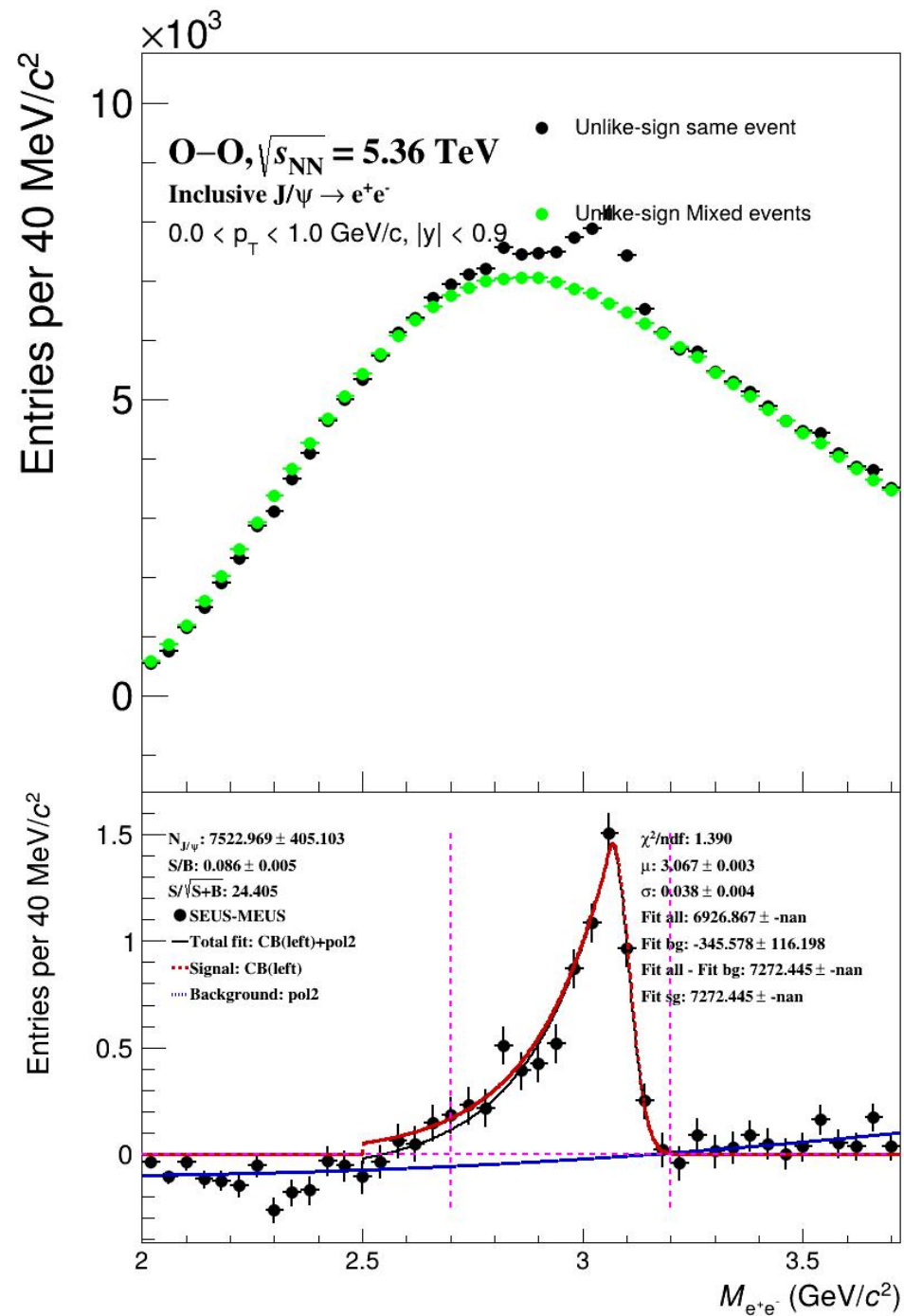


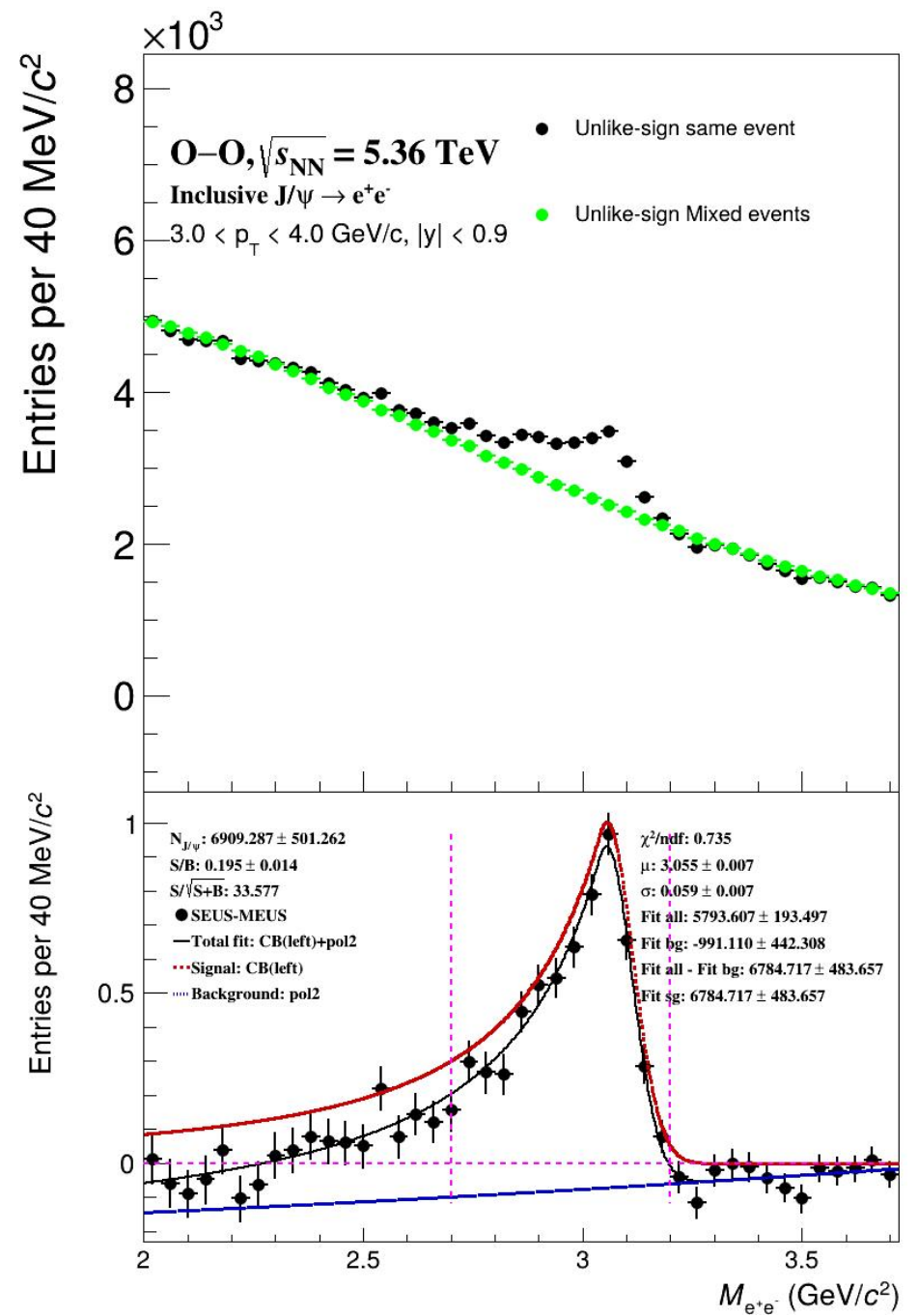
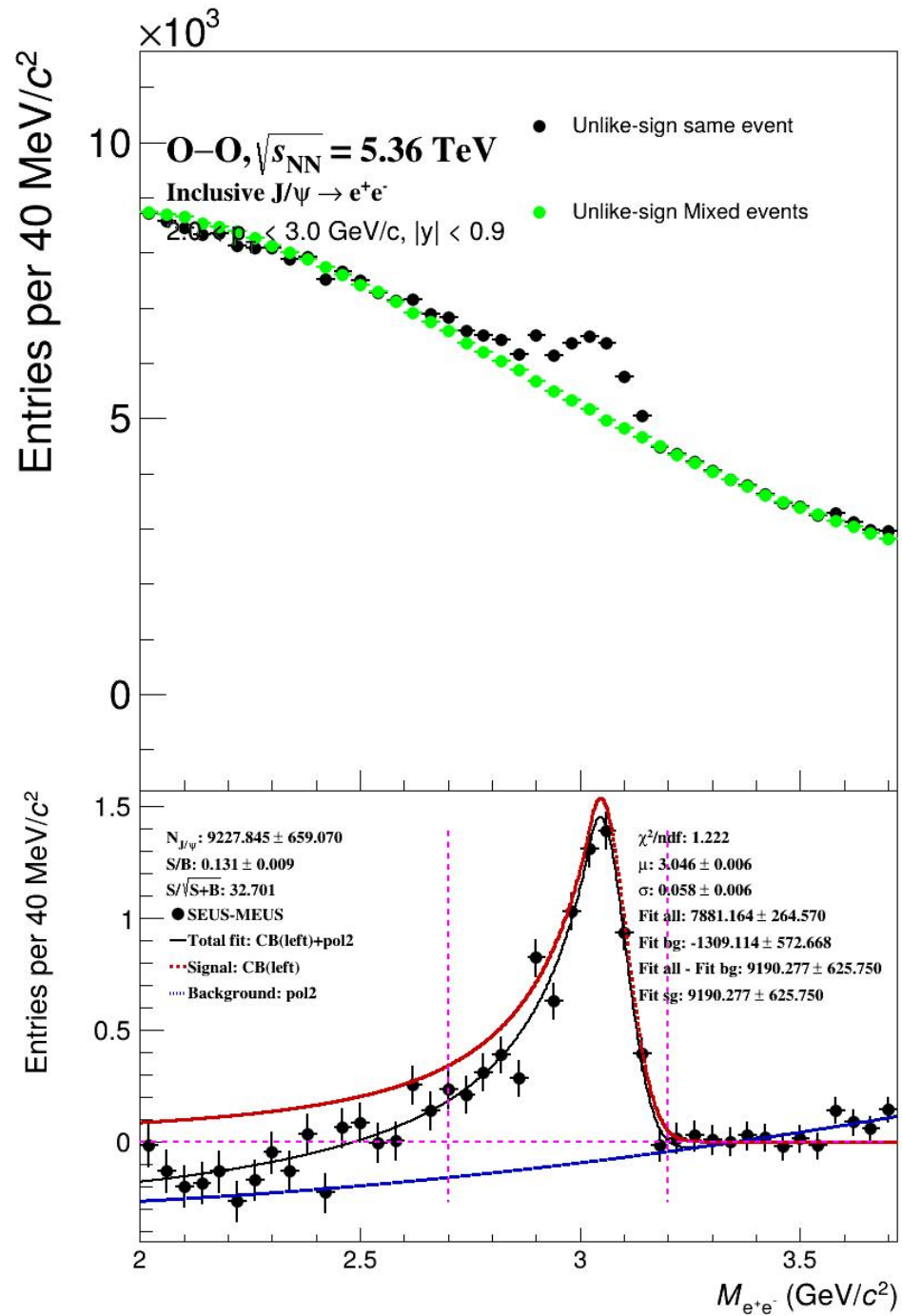


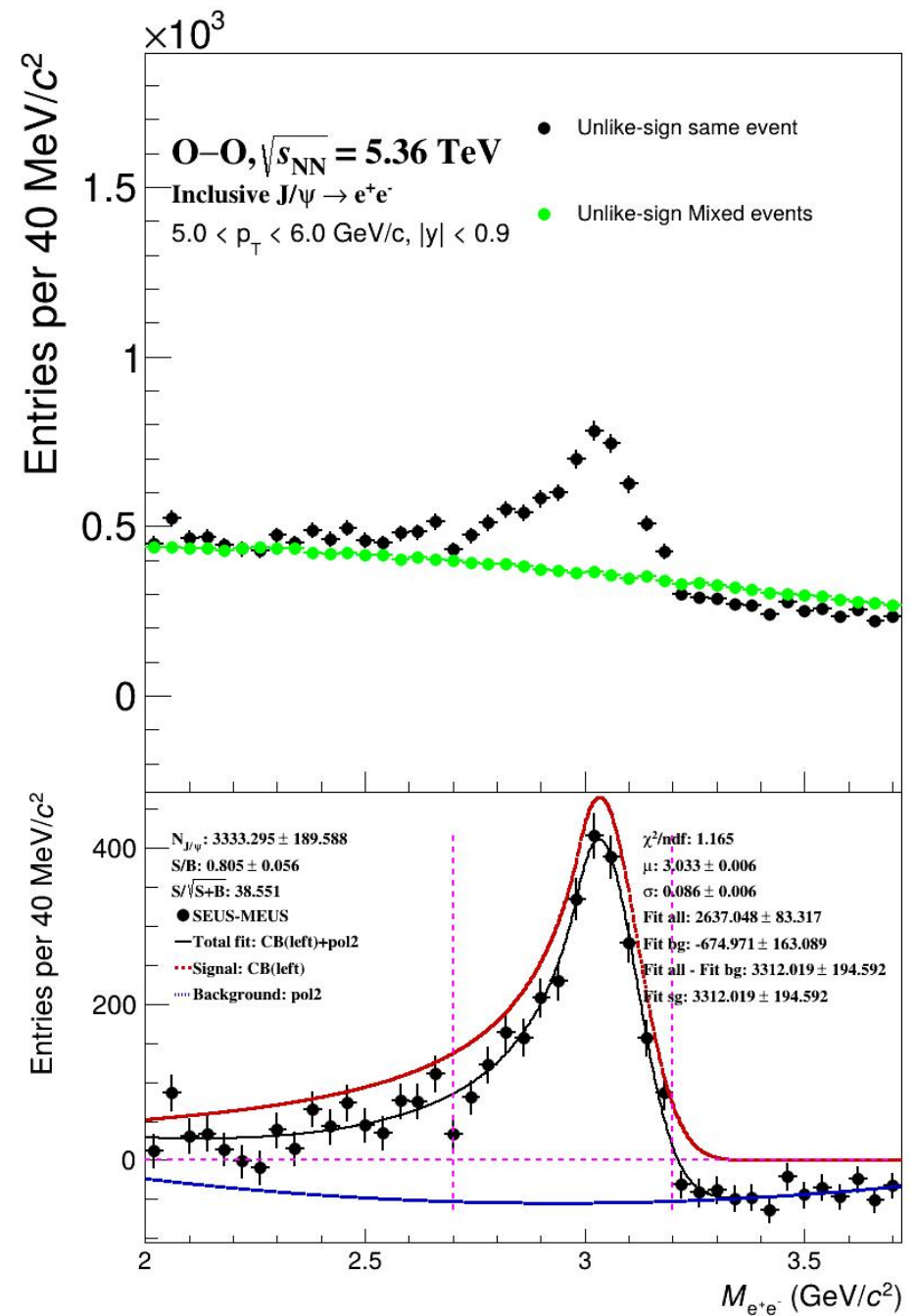
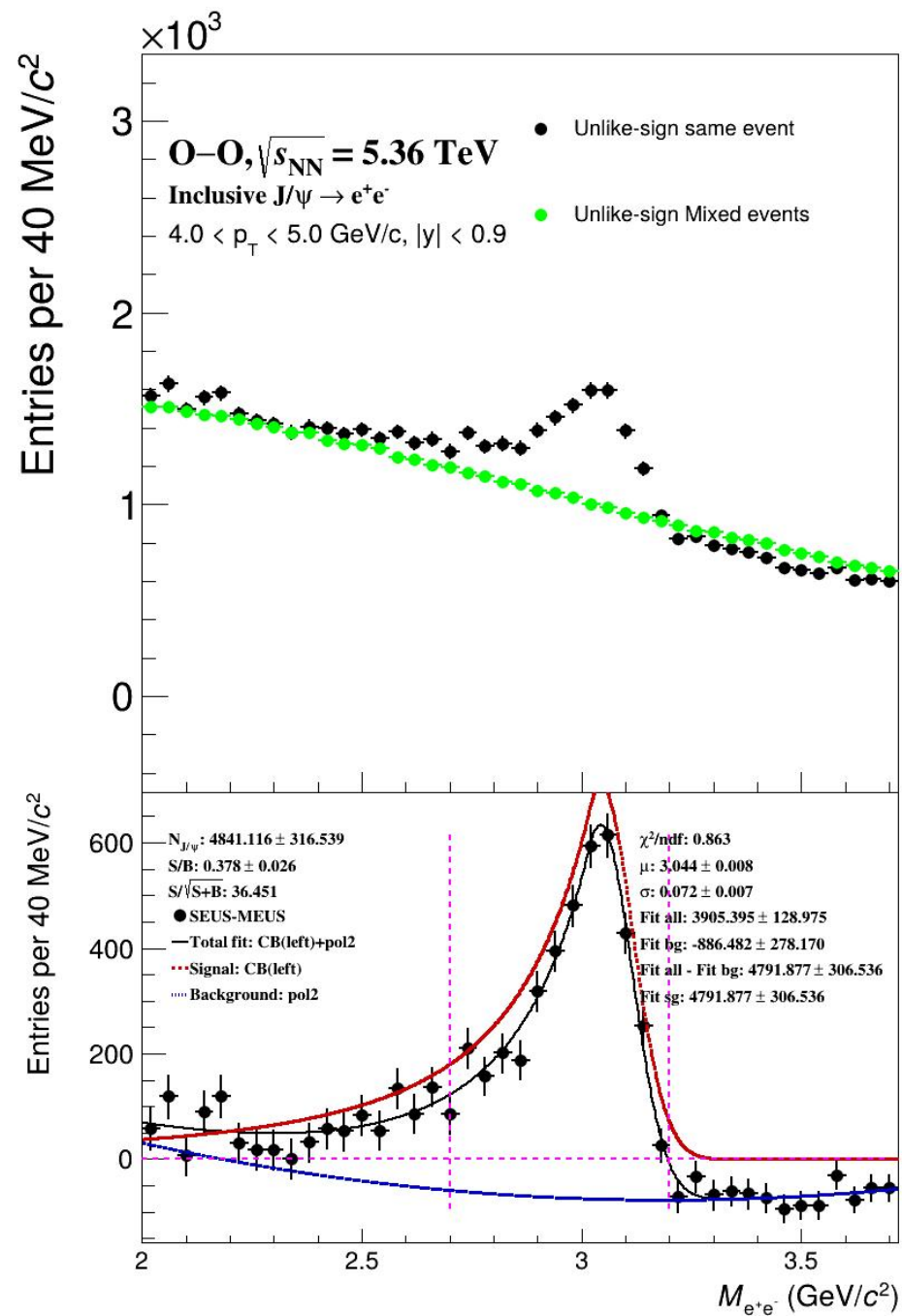


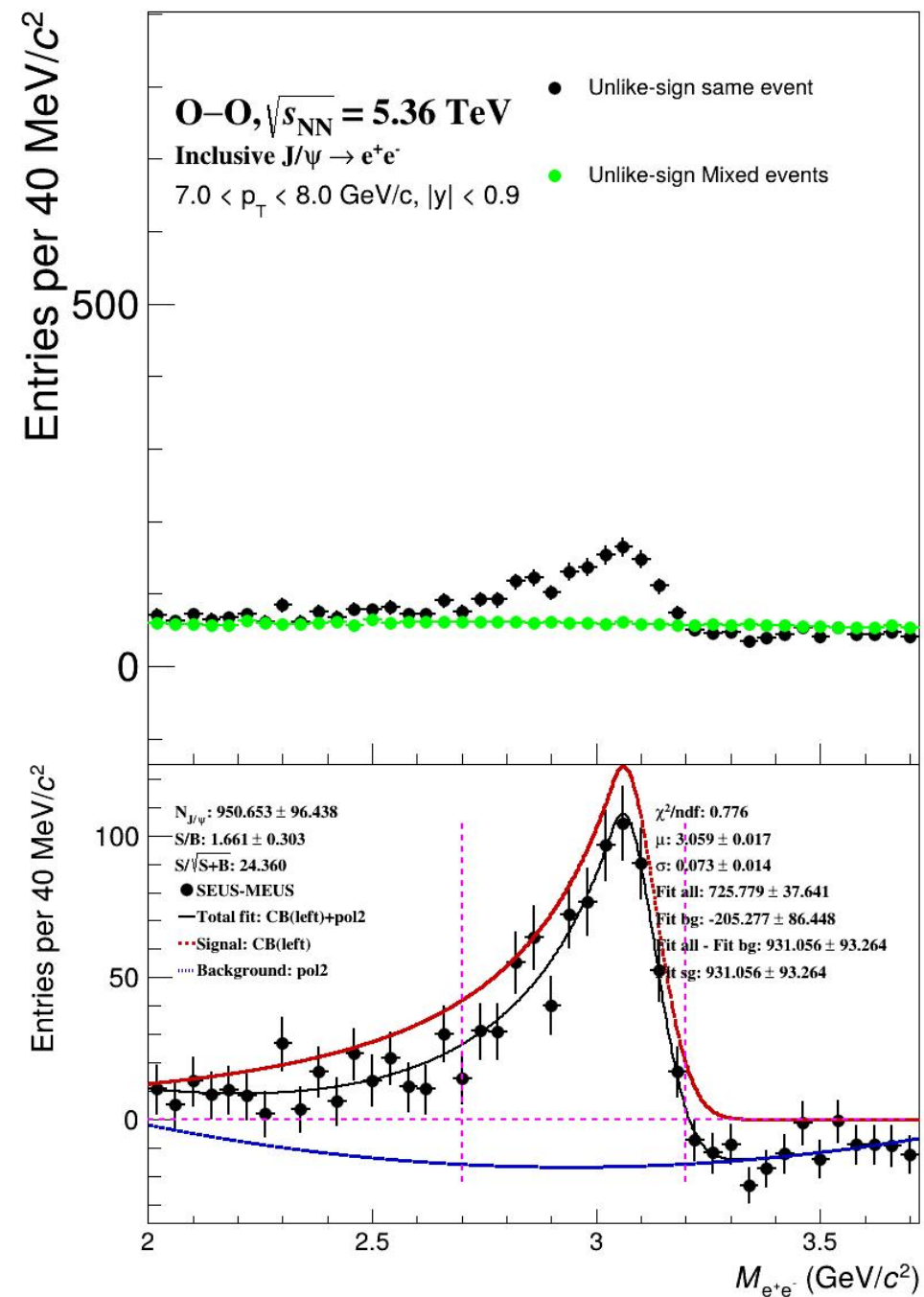
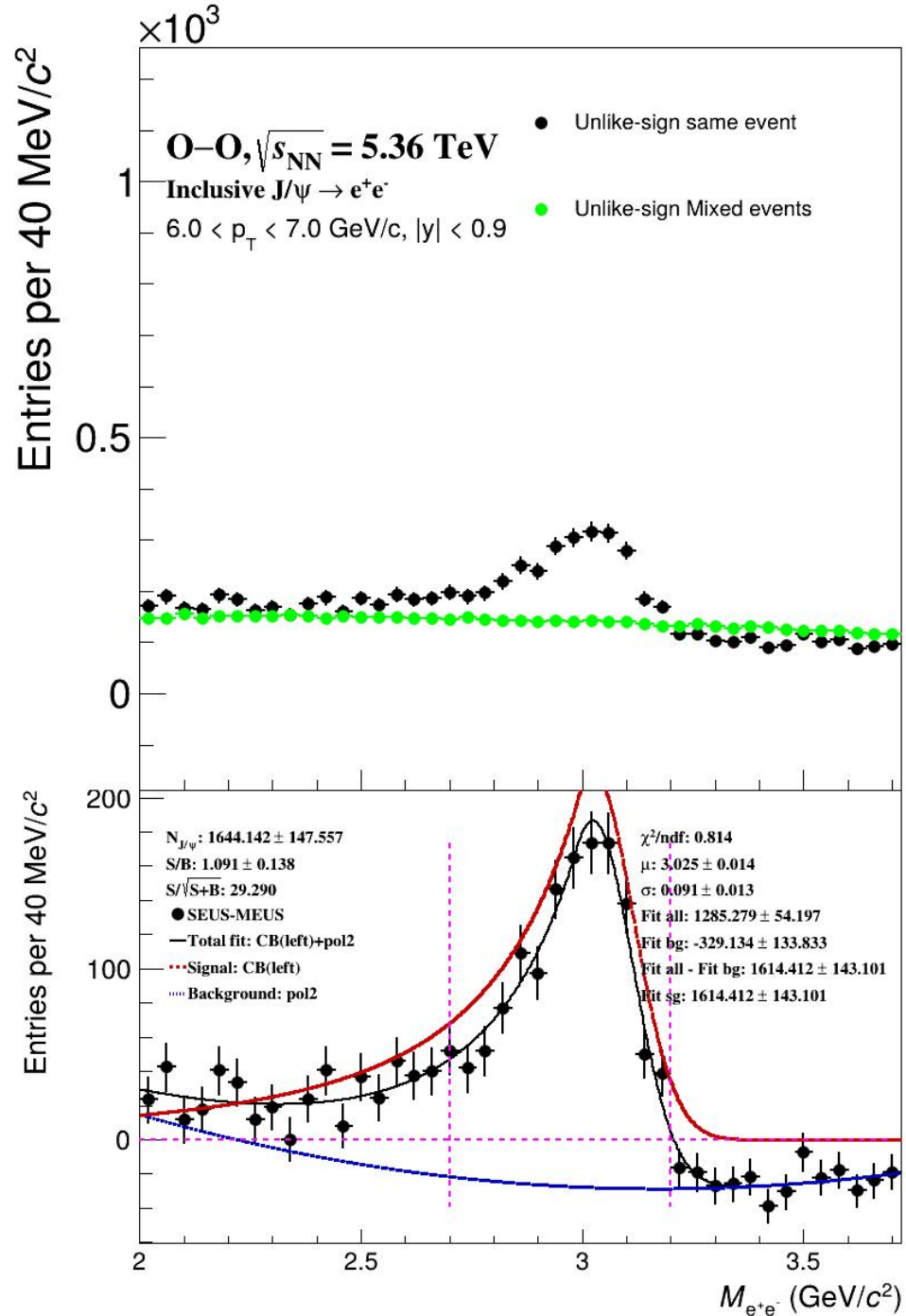


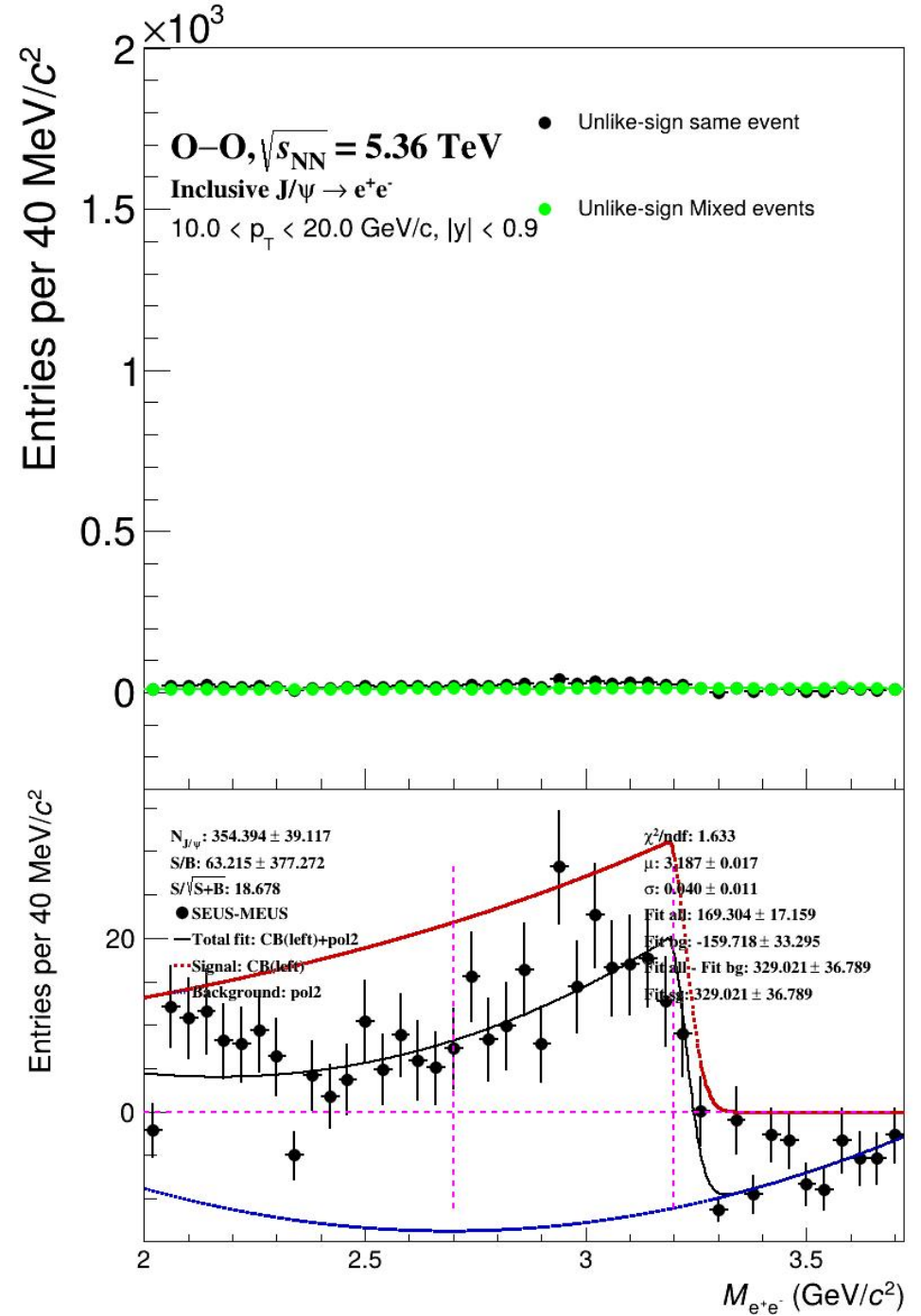
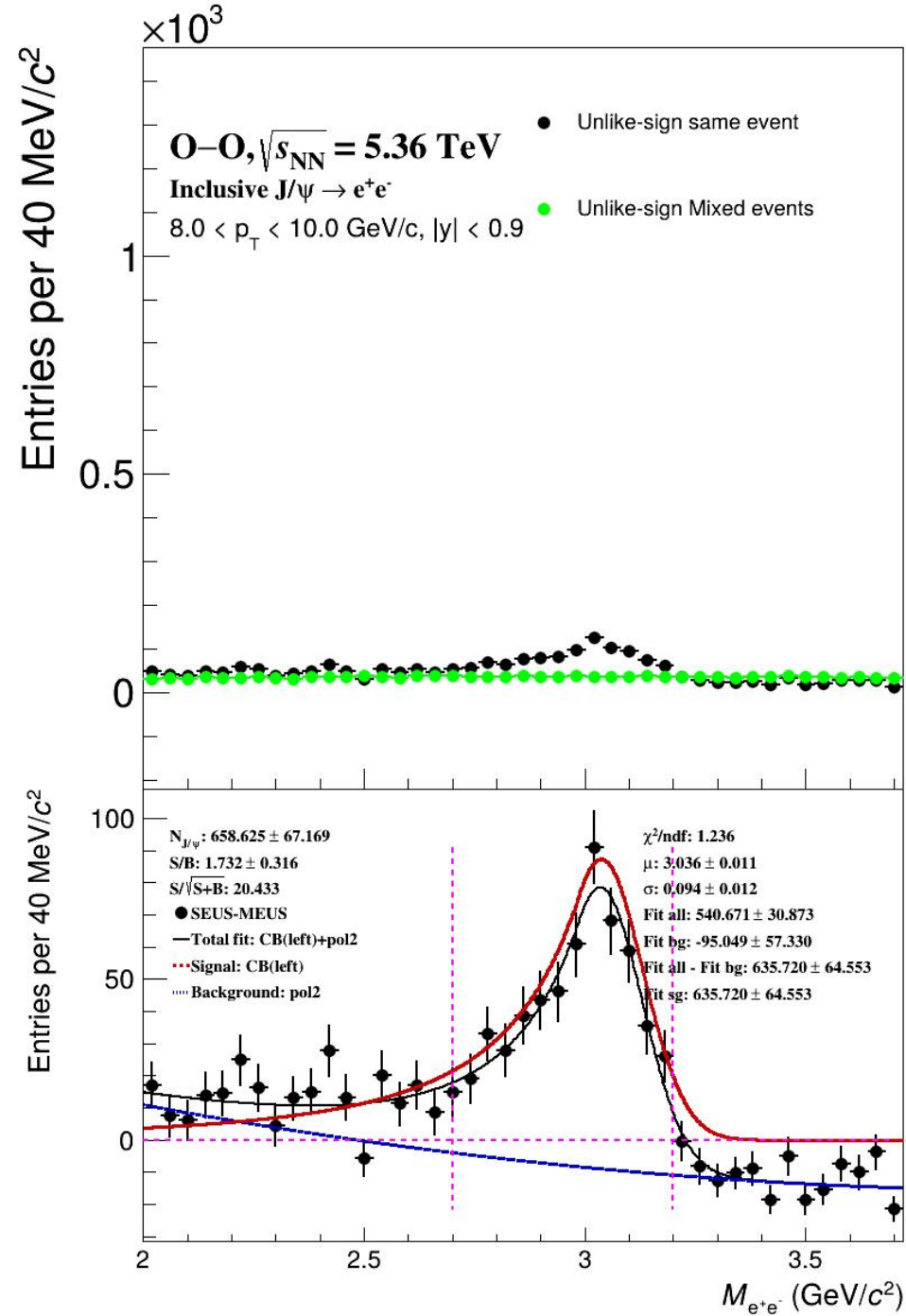
p_T Results



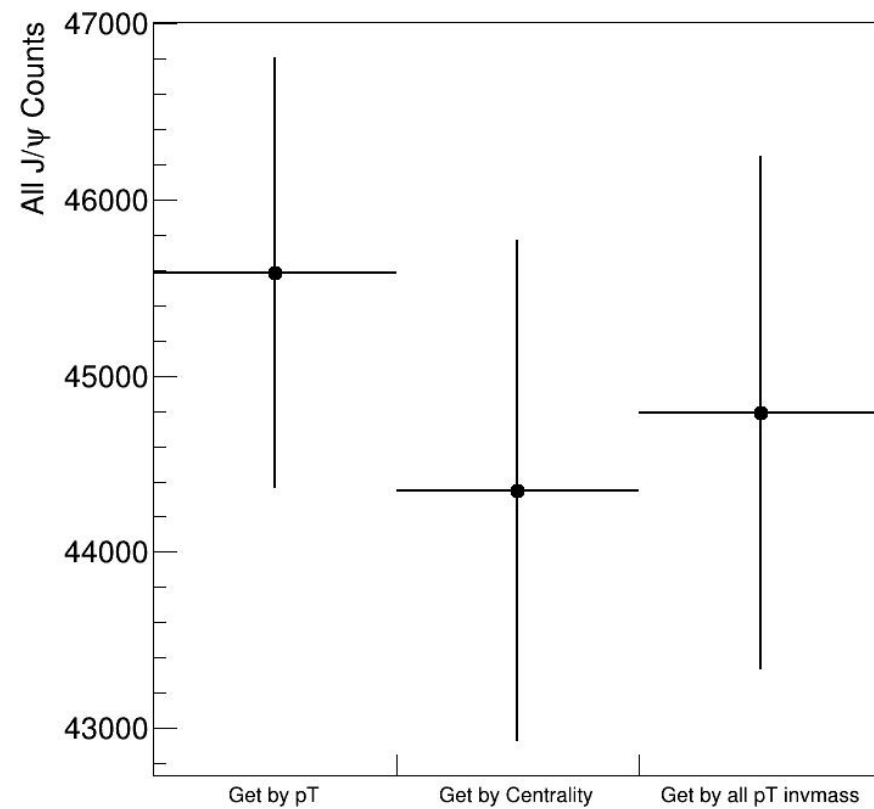
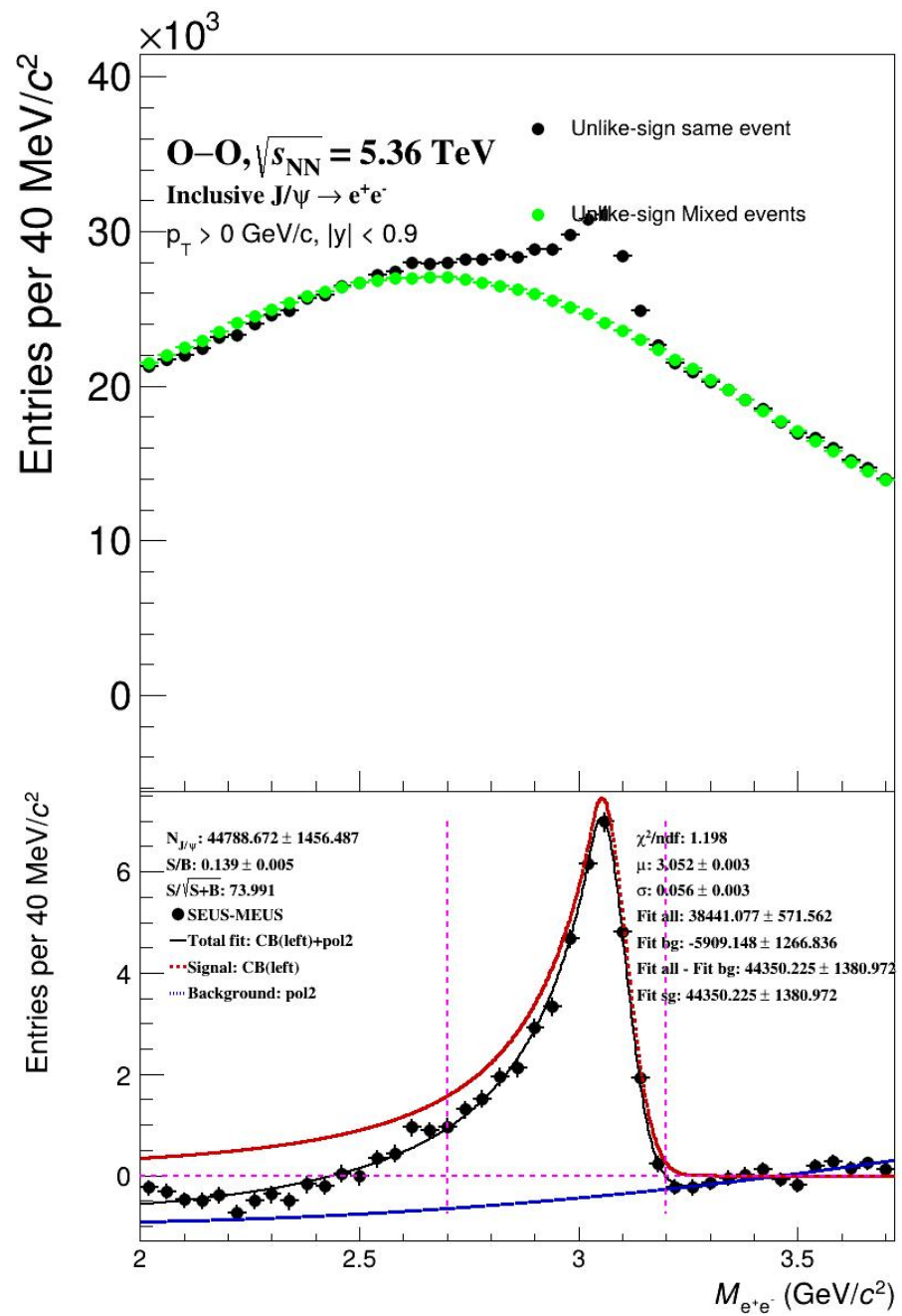








Compare Results



Xiaozhi Cut: Electron2025_2 :

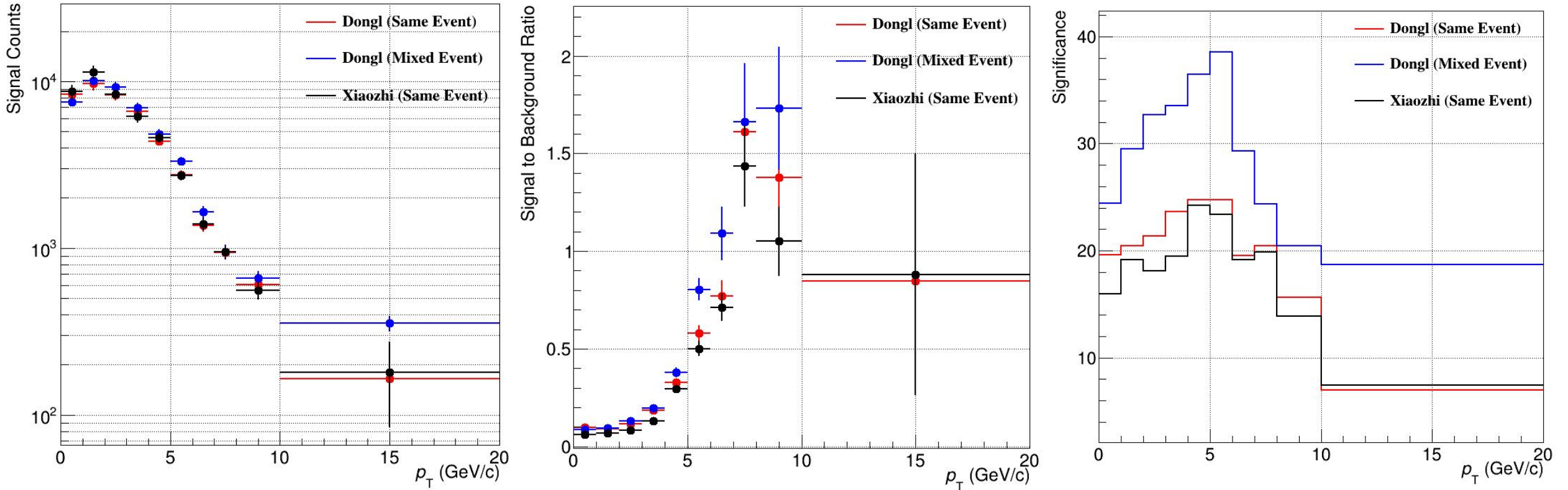
$$p_T < 5 \text{ GeV/c: } -3.0 < n\sigma^e < 4.0; n\sigma^\pi > 2.0; n\sigma^p > 2.5$$

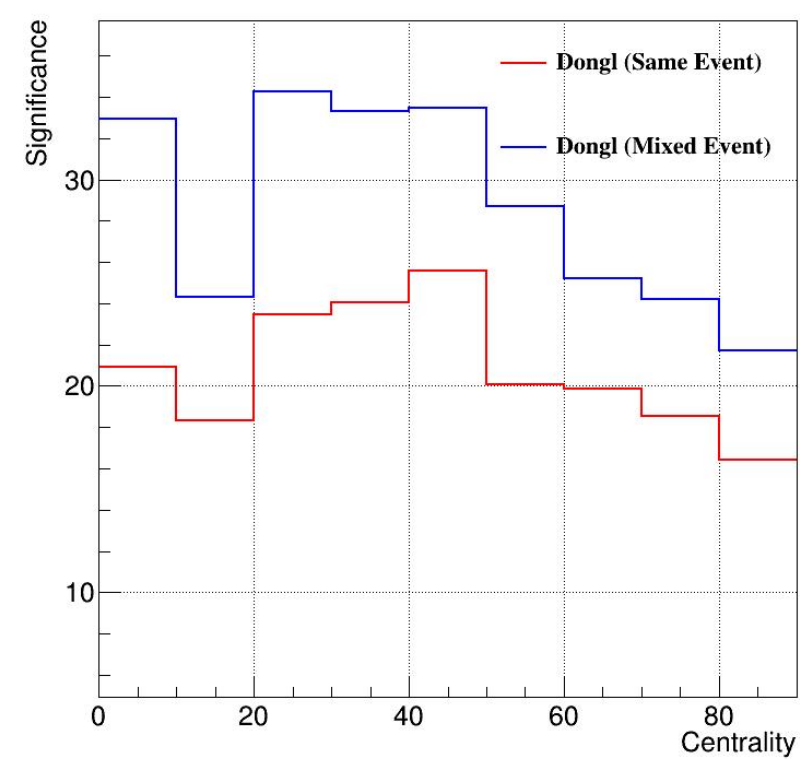
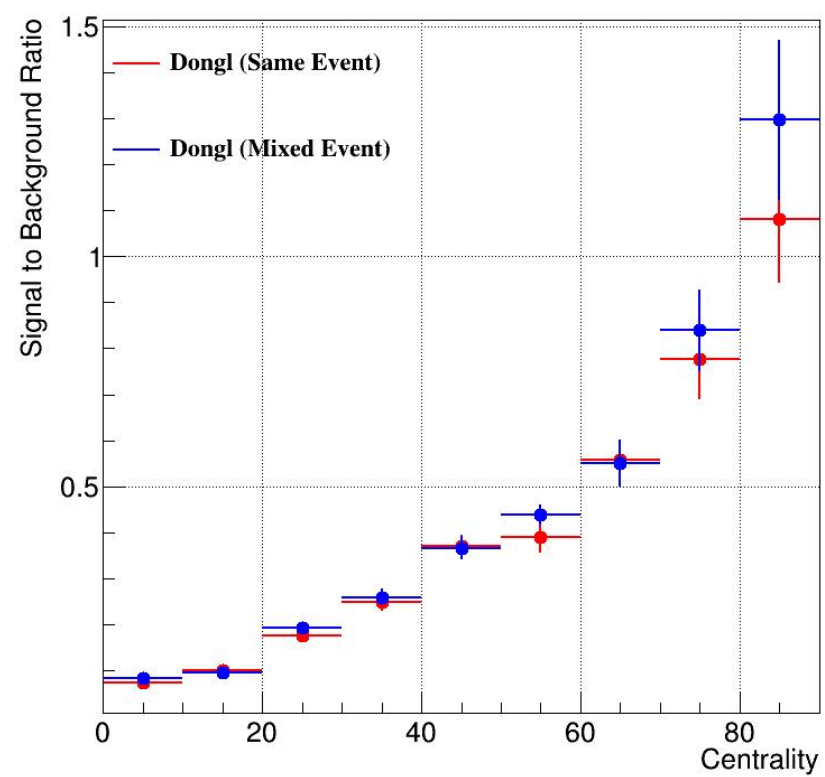
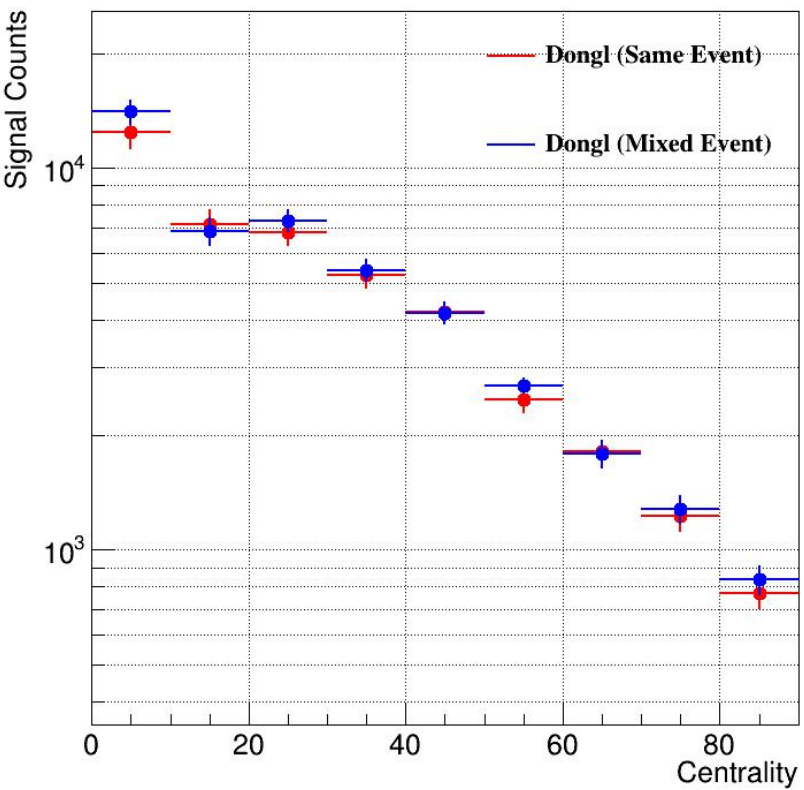
$$p_T > 5 \text{ GeV/c: } -2.0 < n\sigma^e < 4.0; n\sigma^\pi > 2.7; n\sigma^p > 2.7$$

Dongl Cut: Electron2025_4 (same as Ankur):

$$p_T < 5 \text{ GeV/c: } -2.5 < n\sigma^e < 4.0; n\sigma^\pi > 2.5; n\sigma^p > 3.0$$

$$p_T > 5 \text{ GeV/c: } -1.5 < n\sigma^e < 4.0; n\sigma^\pi > 2.7; n\sigma^p > 2.7$$





2-2.7 GeV/c²; 3.2-3.7 GeV/c²

