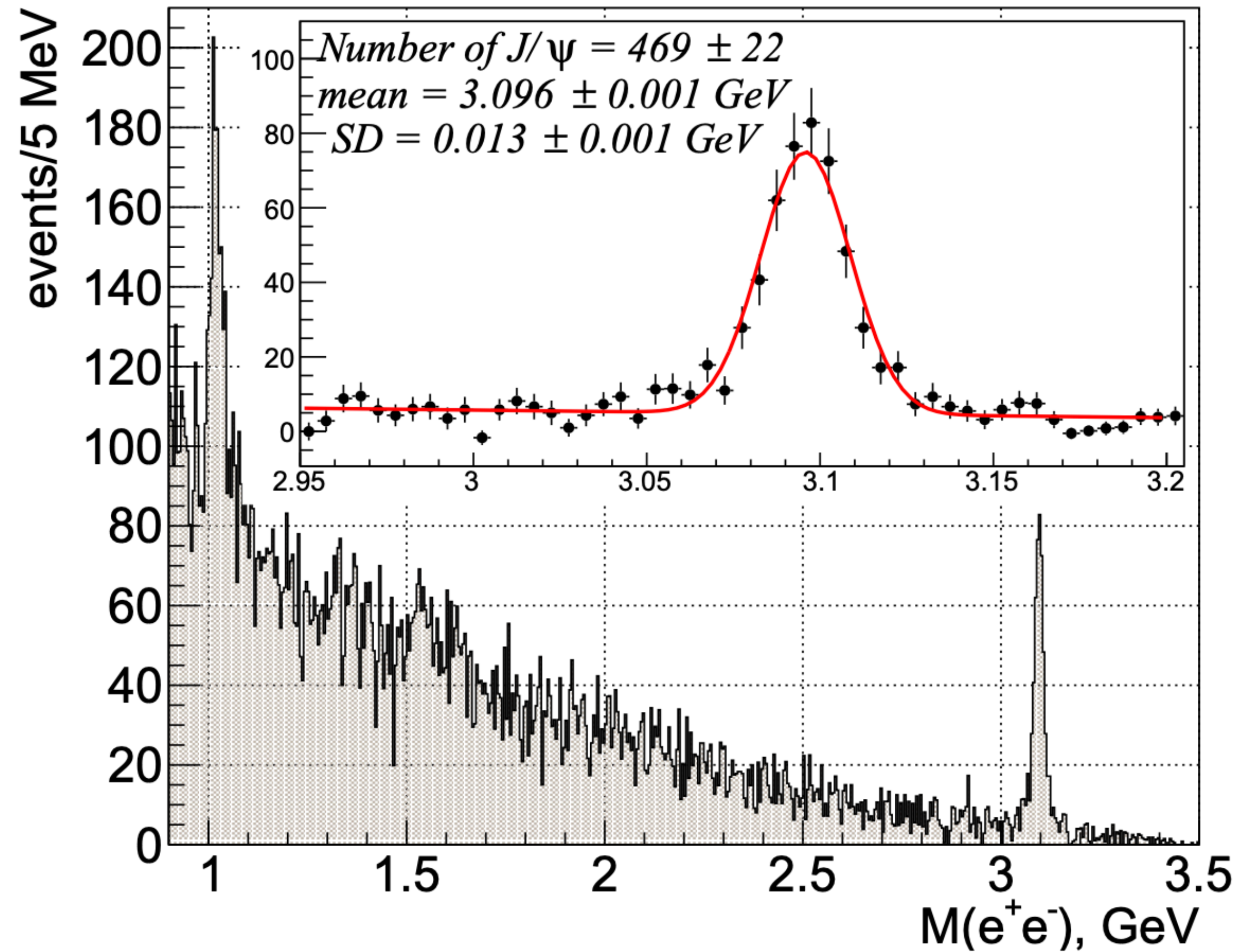


Resolution studies for nuclear $J/\psi \rightarrow e^+e^-$ measurements

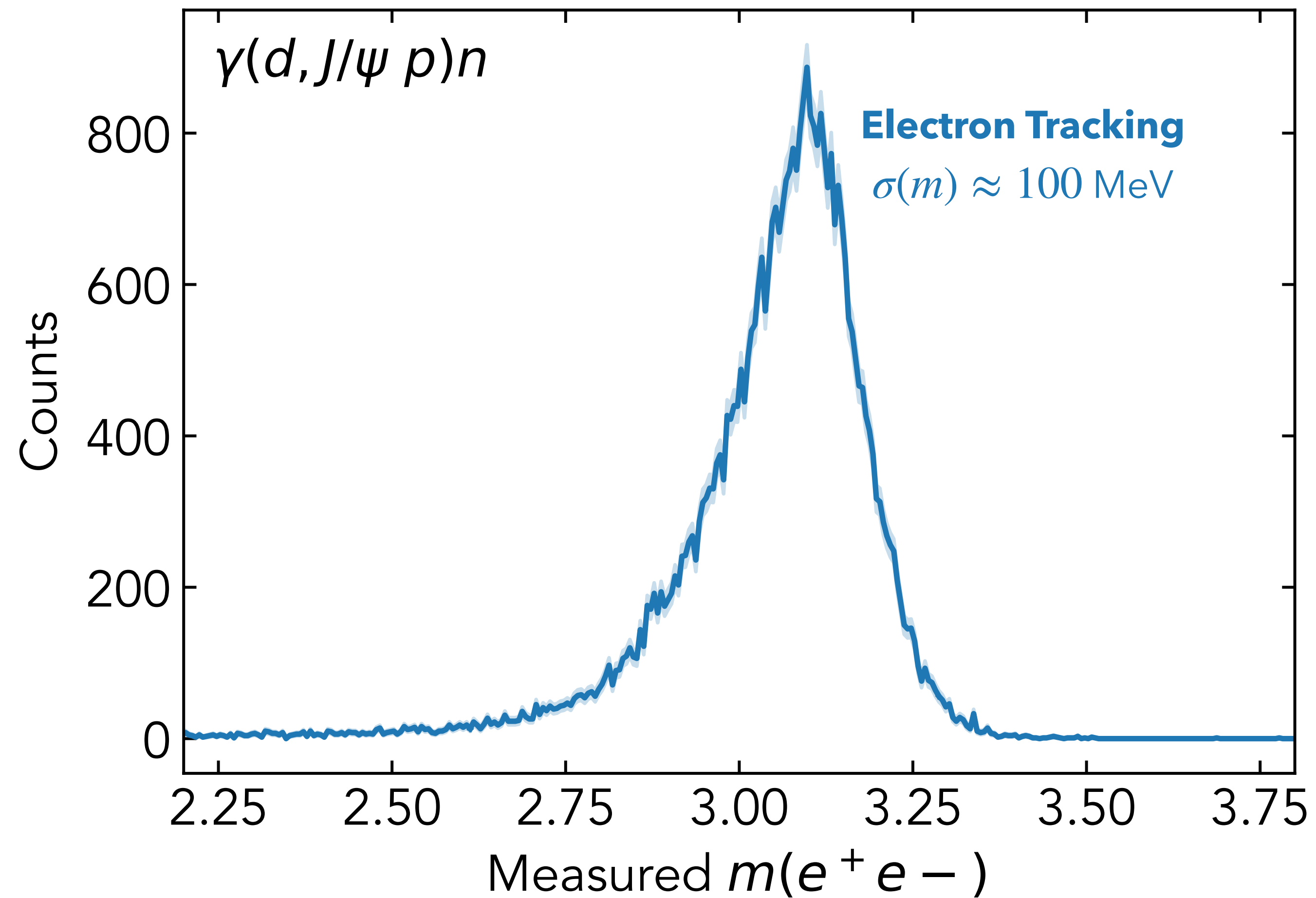
21 November 2022
Jackson Pybus

Resolution for exclusive $\gamma(p, p J/\psi)$

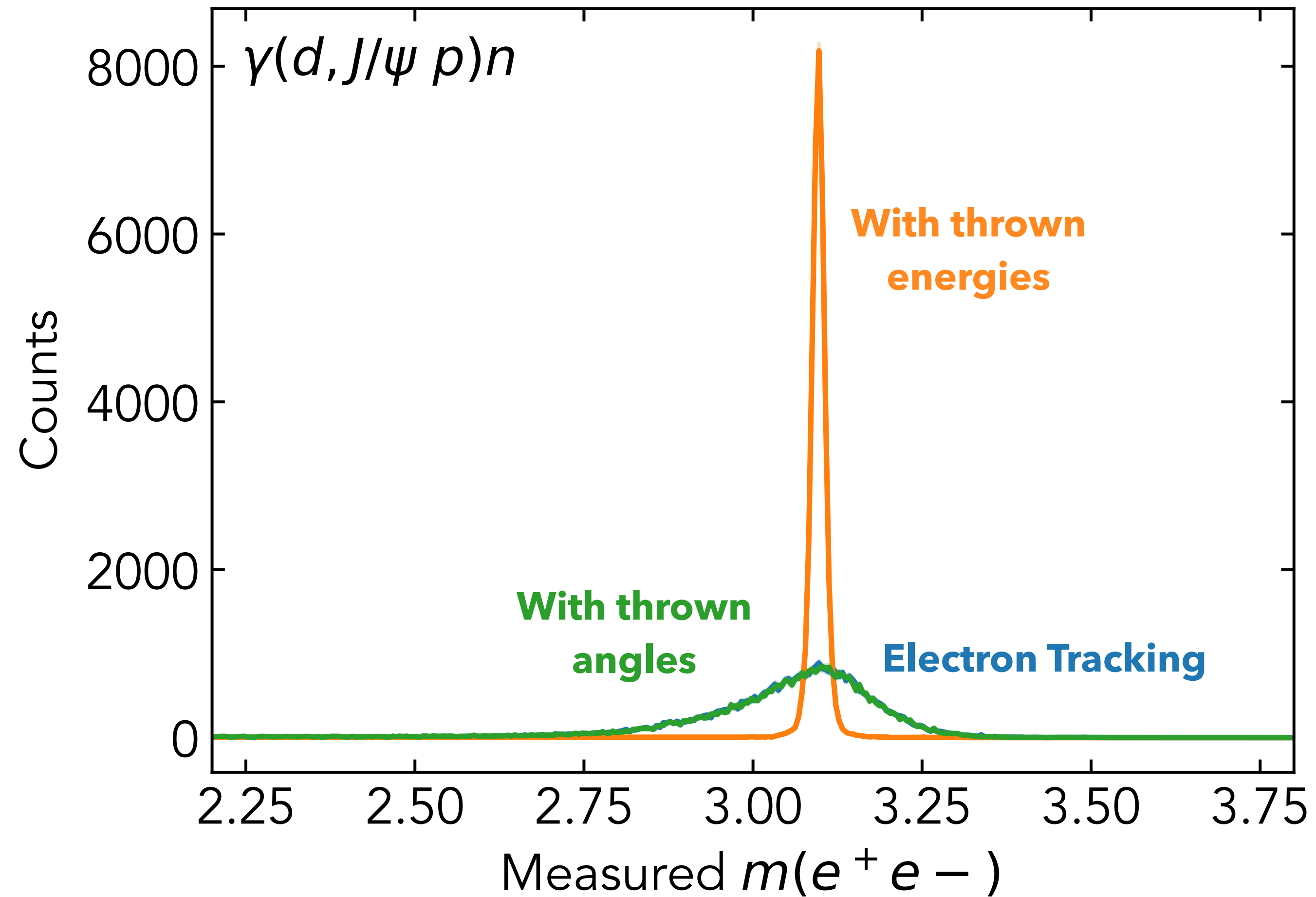


$$\sigma_m = 13 \text{ MeV}$$

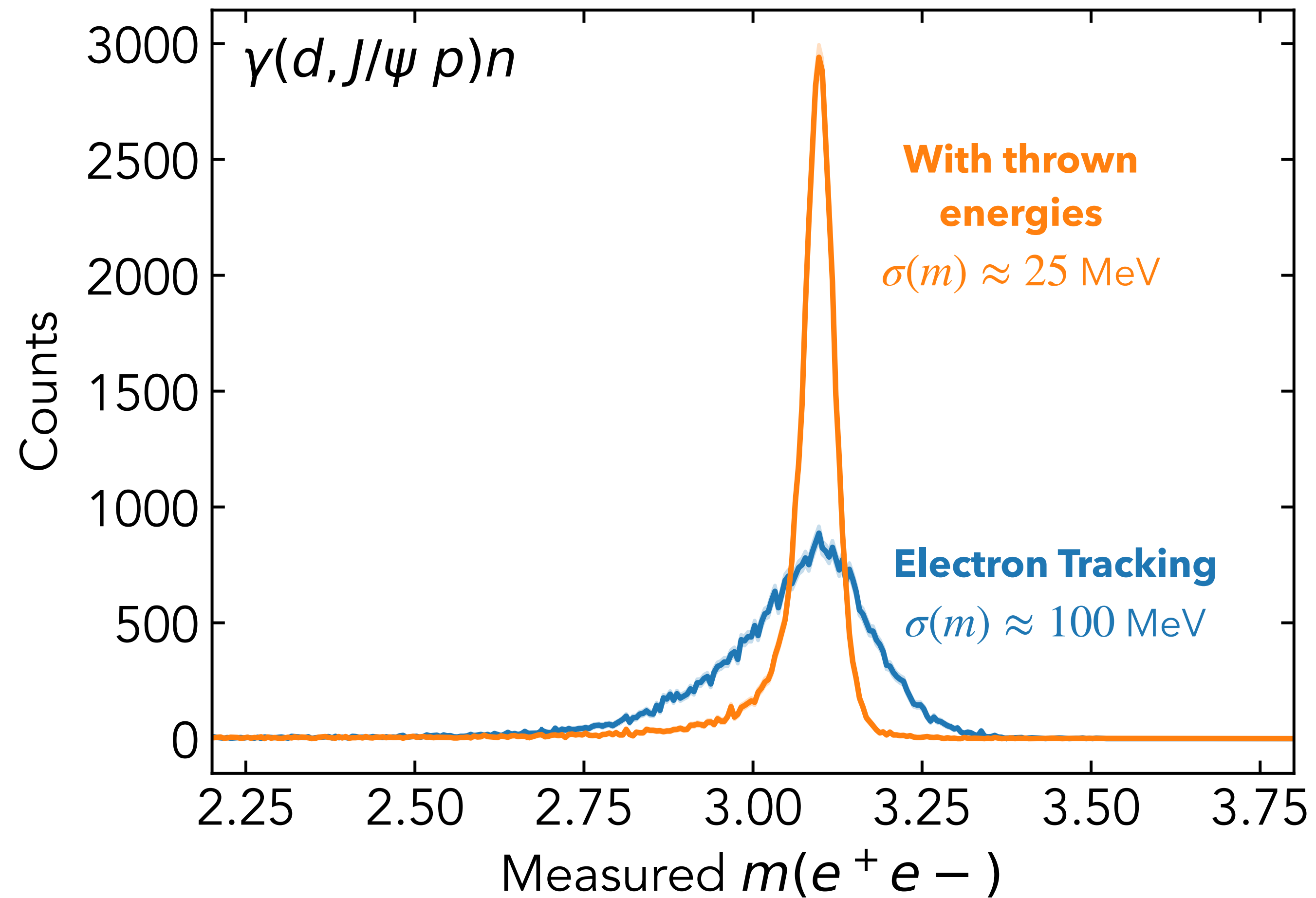
Resolution in $(\gamma + d \rightarrow J/\psi + p + n)$



Smearing mostly comes from energy resolution



Kinematic fitting with deuteron missing neutron



Incorporating calorimetry information

