E of generated J/ψ $\times 10^3$ hJ1_mcJEn counts **Entries** 70000 3.0 Mean 87.37 Std Dev 36.03 2.5 2.0 1.5 1.0 0.5 0.0^L 20 100 200 60 180 40 80 120 140 160 $E_{\mathrm{J/\psi}}$ [GeV]