E of generated J/ψ 4.5^{×10³} hJ1_mcJEn counts **Entries** 97000 Mean 87.61 4.0 Std Dev 36.29 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0 20 200 60 100 180 40 80 120 140 160 $E_{\mathrm{J/\psi}}$ [GeV]