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