E of generated J/ψ hJ1_mcJEn 1.0 counts **Entries** Mean 0.9 Std Dev 0 8.0 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0.0 180 20 40 60 80 100 120 140 160 200 $E_{\mathrm{J/\psi}}$ [GeV]