m of generated J/ ψ 30^{×10³} hJ1_mcJM counts **Entries** 29000 3.097 Mean Std Dev 5.96e-07 25 20 15 10 5 0, 0.5 4.5 1.5 2.5 3 3.5 $m_{\mathrm{J/\psi}}~\mathrm{[GeV/}c^2\mathrm{]}$