m of generated J/ $\psi$  $\times 10^3$ hJ1\_mcJM counts **Entries** 50000 50 Mean 3.097 Std Dev 5.916e-07 40 30 20 10 3.0 3.5 4.5 0.5 1.0 1.5 2.0 2.5 4.0  $m_{\mathrm{J/\psi}} \, [\mathrm{GeV/} c^2]$