m of generated J/ψ  $\times 10^3$ hJ1\_mcJM counts **Entries** 70000 70 Mean 3.097 Std Dev 6.005e-07 60 50 40 30 20 10 3.0 3.5 4.5 0.5 1.0 1.5 2.0 2.5 4.0  $m_{\mathrm{J/\psi}}\,[\mathrm{GeV}/c^2]$