m of generated J/ψ hJ1_mcJM 1.0 counts **Entries** 0 Mean 0 0.9 Std Dev 0 8.0 0.7 0.6 0.5 0.4 0.3 0.2 0.1 0.8.0 0.5 1.5 2.5 3.5 4.0 4.5 1.0 2.0 3.0 $m_{\mathrm{J/\psi}} \, [\mathrm{GeV/} c^2]$