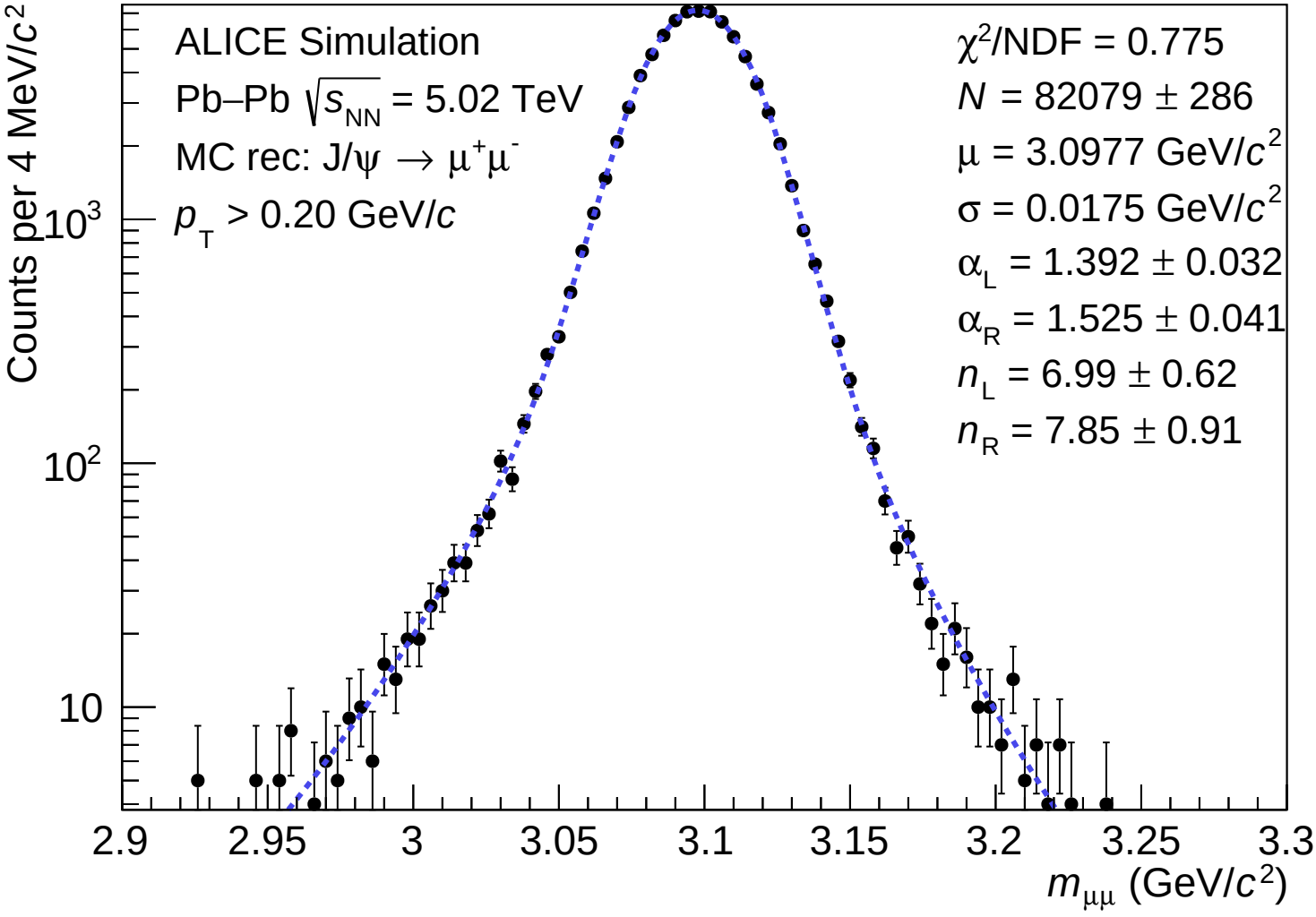
ALICE Simulation
Pb–Pb $\sqrt{s_{NN}}$ = 5.02 TeV
MC rec: J/ψ → μ⁺μ⁻
p_T > 0.20 GeV/c
χ^2/NDF = 0.775
N = 82079 ± 286
μ = 3.0977 GeV/c^2
σ = 0.0175 GeV/c^2
α_L = 1.392 ± 0.032
α_R = 1.525 ± 0.041
n_L = 6.99 ± 0.62
n_R = 7.85 ± 0.91
Counts per 4 MeV/c^2
10^3
10^2
10
2.9
2.95
3
3.05
3.1
3.15
3.2
3.25
3.3
$m_{\mu\mu}$ (GeV/c^2)