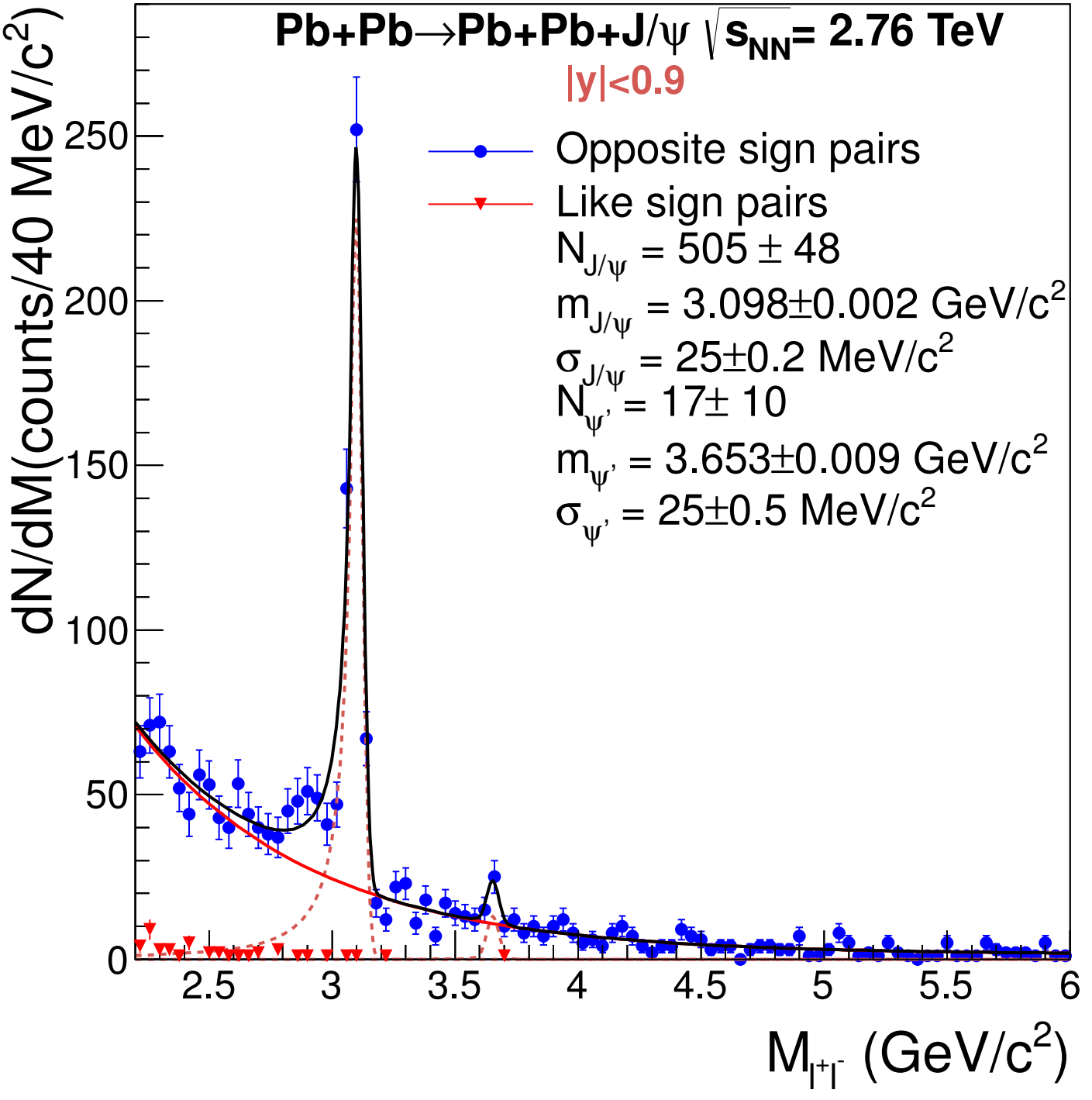
Pb+Pb→Pb+Pb+J/ψ √s_NN= 2.76 TeV
|y|<0.9
Opposite sign pairs
Like sign pairs
N_J/ψ = 505 ± 48
m_J/ψ = 3.098±0.002 GeV/c²
σ_J/ψ = 25±0.2 MeV/c²
N_ψ' = 17± 10
m_ψ' = 3.653±0.009 GeV/c²
σ_ψ' = 25±0.5 MeV/c²
dN/dM(counts/40 MeV/c²)
M_l+l- (GeV/c²)
0
50
100
150
200
250
2.5
3
3.5
4
4.5
5
5.5
6