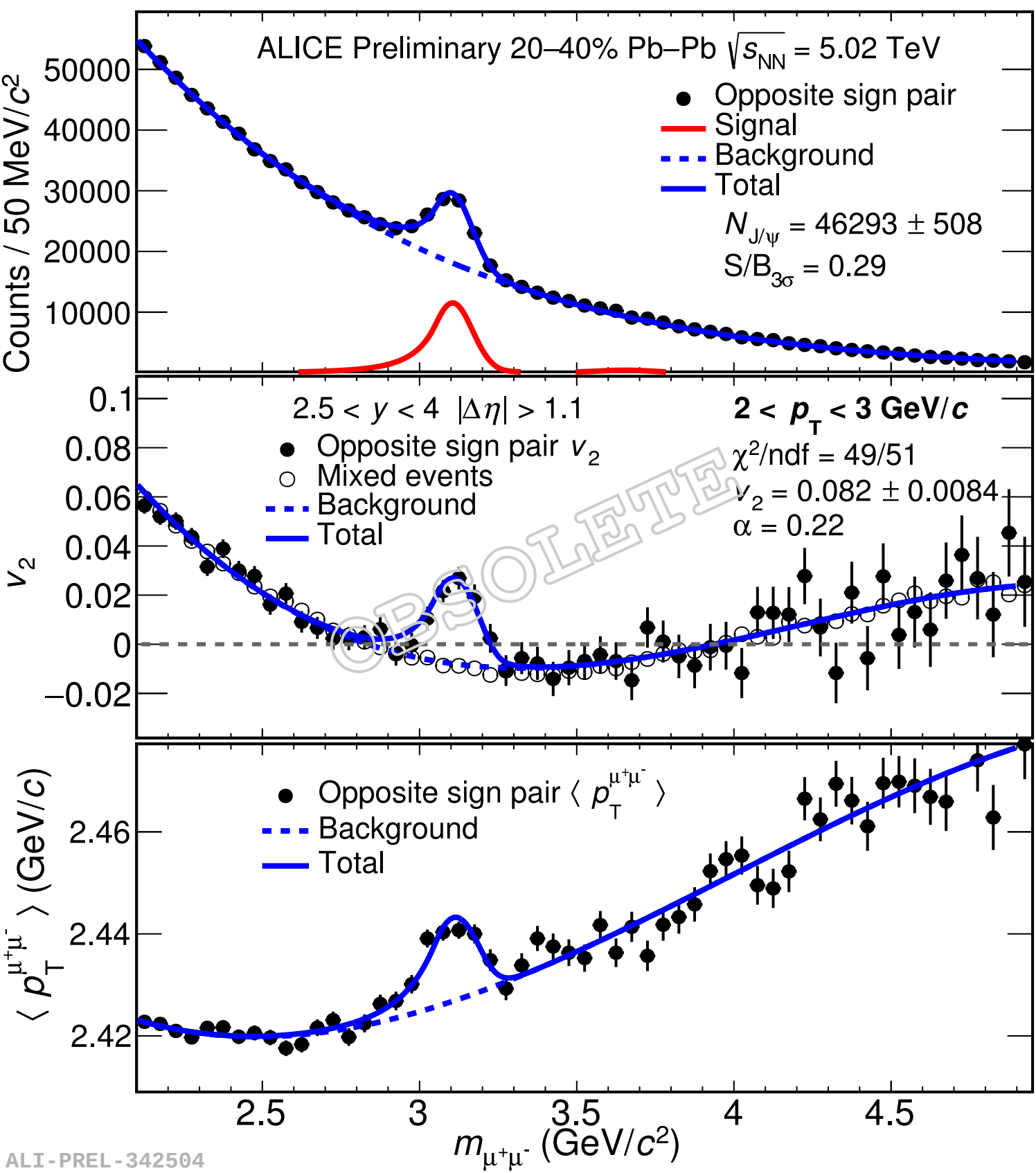
ALICE Preliminary 20–40% Pb–Pb $\sqrt{s_{NN}}$ = 5.02 TeV
Opposite sign pair
Signal
Background
Total
$N_{J/\psi}$ = 46293 ± 508
S/B$_{3\sigma}$ = 0.29
Counts / 50 MeV/c^2
50000
40000
30000
20000
10000
2.5 < y < 4 |Δη| > 1.1
2 < p_T < 3 GeV/c
Opposite sign pair v_2
Mixed events
Background
Total
χ^2/ndf = 49/51
v_2 = 0.082 ± 0.0084
α = 0.22
OBSOLETE
v_2
0.1
0.08
0.06
0.04
0.02
0
−0.02
Opposite sign pair ⟨ $p_T^{\mu^+\mu^-}$ ⟩
Background
Total
⟨ $p_T^{\mu^+\mu^-}$ ⟩ (GeV/c)
2.46
2.44
2.42
2.5
3
3.5
4
4.5
$m_{\mu^+\mu^-}$ (GeV/c^2)
ALI-PREL-342504