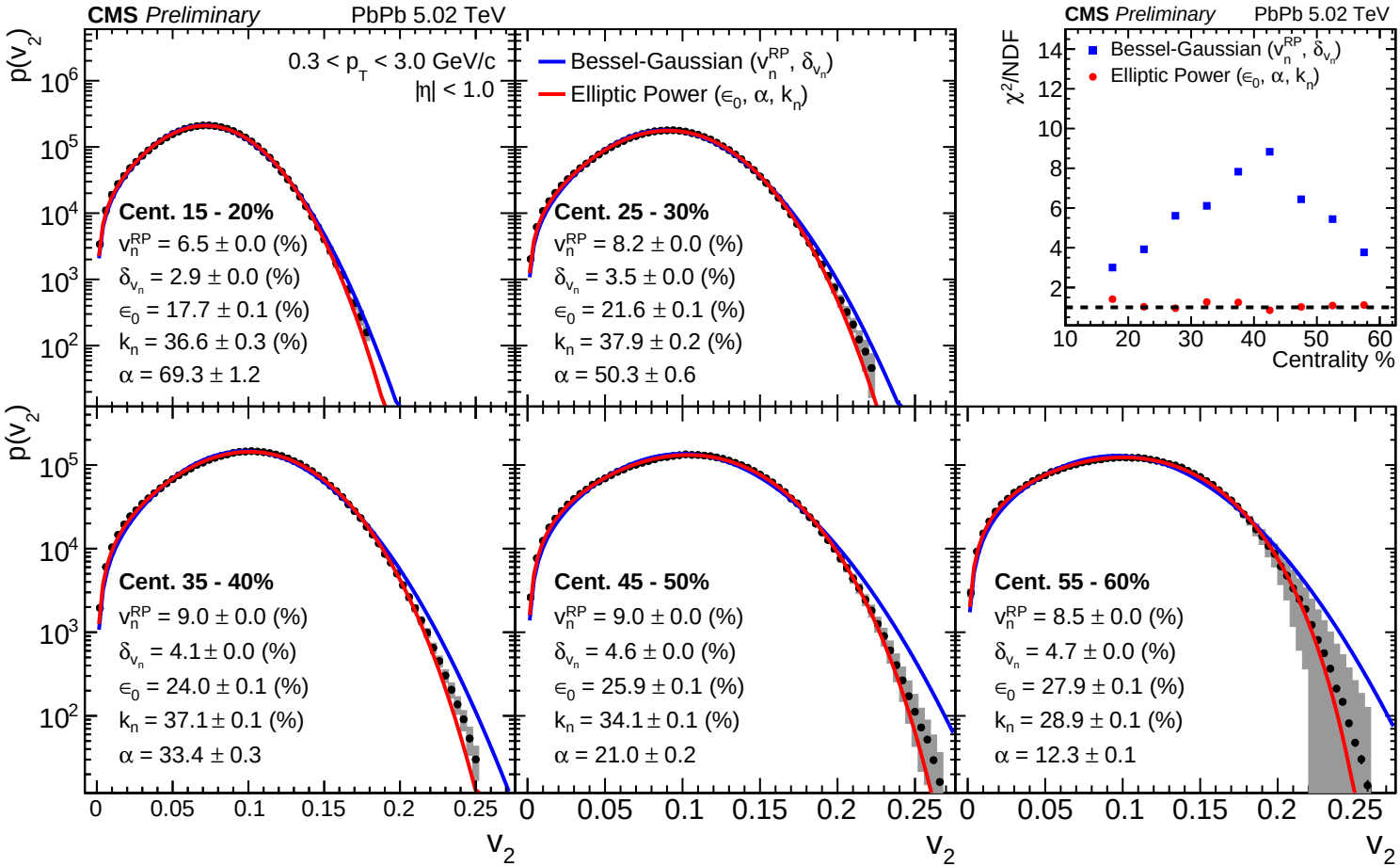
CMS Preliminary
PbPb 5.02 TeV
0.3 < p_T < 3.0 GeV/c
|η| < 1.0
Bessel-Gaussian (v_n^RP, δ_vn)
Elliptic Power (ϵ_0, α, k_n)
Cent. 15 - 20%
v_n^RP = 6.5 ± 0.0 (%)
δ_vn = 2.9 ± 0.0 (%)
ϵ_0 = 17.7 ± 0.1 (%)
k_n = 36.6 ± 0.3 (%)
α = 69.3 ± 1.2
Cent. 25 - 30%
v_n^RP = 8.2 ± 0.0 (%)
δ_vn = 3.5 ± 0.0 (%)
ϵ_0 = 21.6 ± 0.1 (%)
k_n = 37.9 ± 0.2 (%)
α = 50.3 ± 0.6
Cent. 35 - 40%
v_n^RP = 9.0 ± 0.0 (%)
δ_vn = 4.1 ± 0.0 (%)
ϵ_0 = 24.0 ± 0.1 (%)
k_n = 37.1 ± 0.1 (%)
α = 33.4 ± 0.3
Cent. 45 - 50%
v_n^RP = 9.0 ± 0.0 (%)
δ_vn = 4.6 ± 0.0 (%)
ϵ_0 = 25.9 ± 0.1 (%)
k_n = 34.1 ± 0.1 (%)
α = 21.0 ± 0.2
Cent. 55 - 60%
v_n^RP = 8.5 ± 0.0 (%)
δ_vn = 4.7 ± 0.0 (%)
ϵ_0 = 27.9 ± 0.1 (%)
k_n = 28.9 ± 0.1 (%)
α = 12.3 ± 0.1
p(v_2)
v_2
χ²/NDF
Centrality %