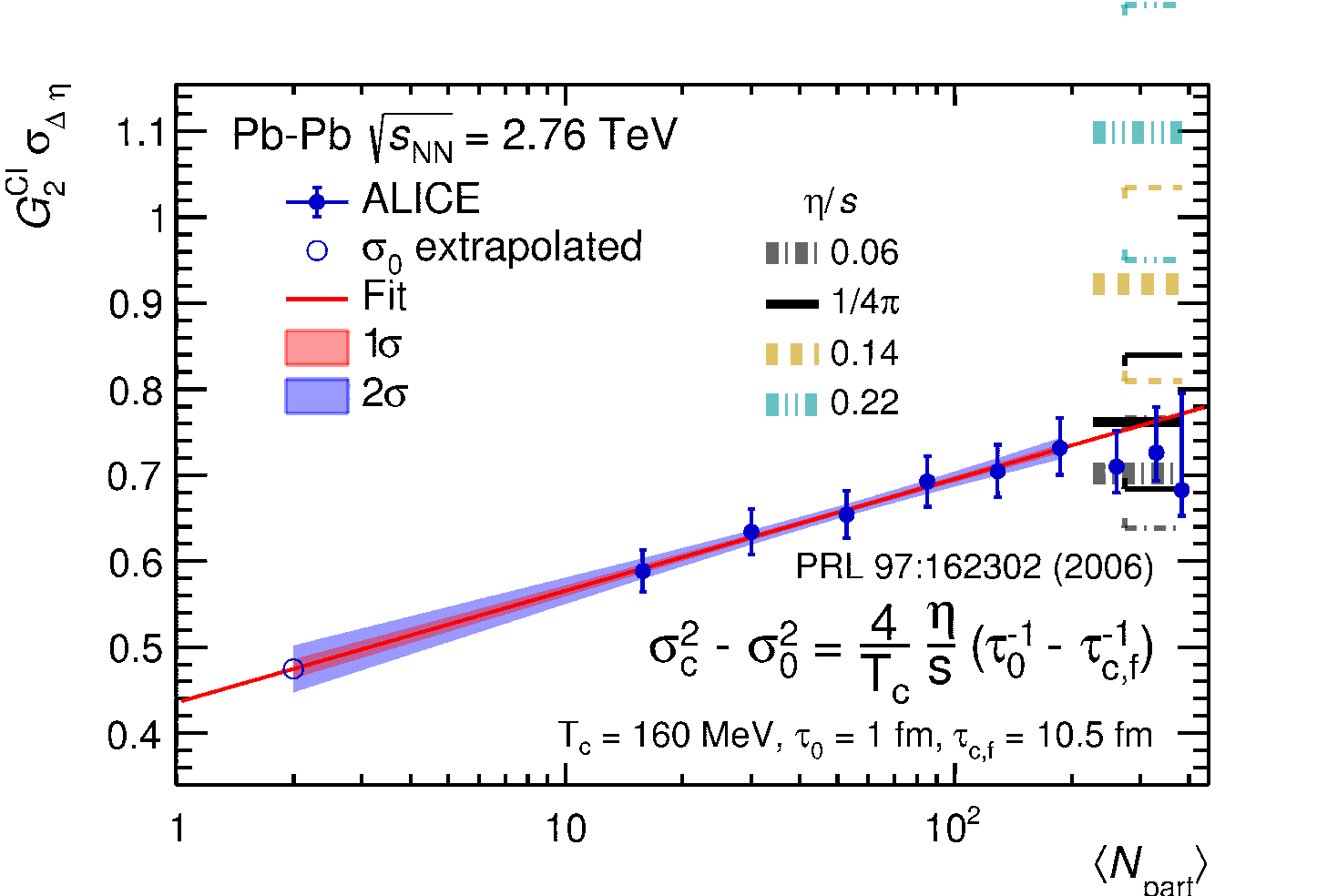
$G_2^{CI}\,\sigma_{\Delta\eta}$
Pb-Pb $\sqrt{s_{NN}}$ = 2.76 TeV
ALICE
σ_0 extrapolated
Fit
1σ
2σ
η/s
0.06
1/4π
0.14
0.22
PRL 97:162302 (2006)
$\sigma_c^2 - \sigma_0^2 = \frac{4}{T_c}\frac{\eta}{s}(\tau_0^{-1} - \tau_{c,f}^{-1})$
T_c = 160 MeV, τ_0 = 1 fm, $\tau_{c,f}$ = 10.5 fm
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
1
10
10^2
$\langle N_{part} \rangle$