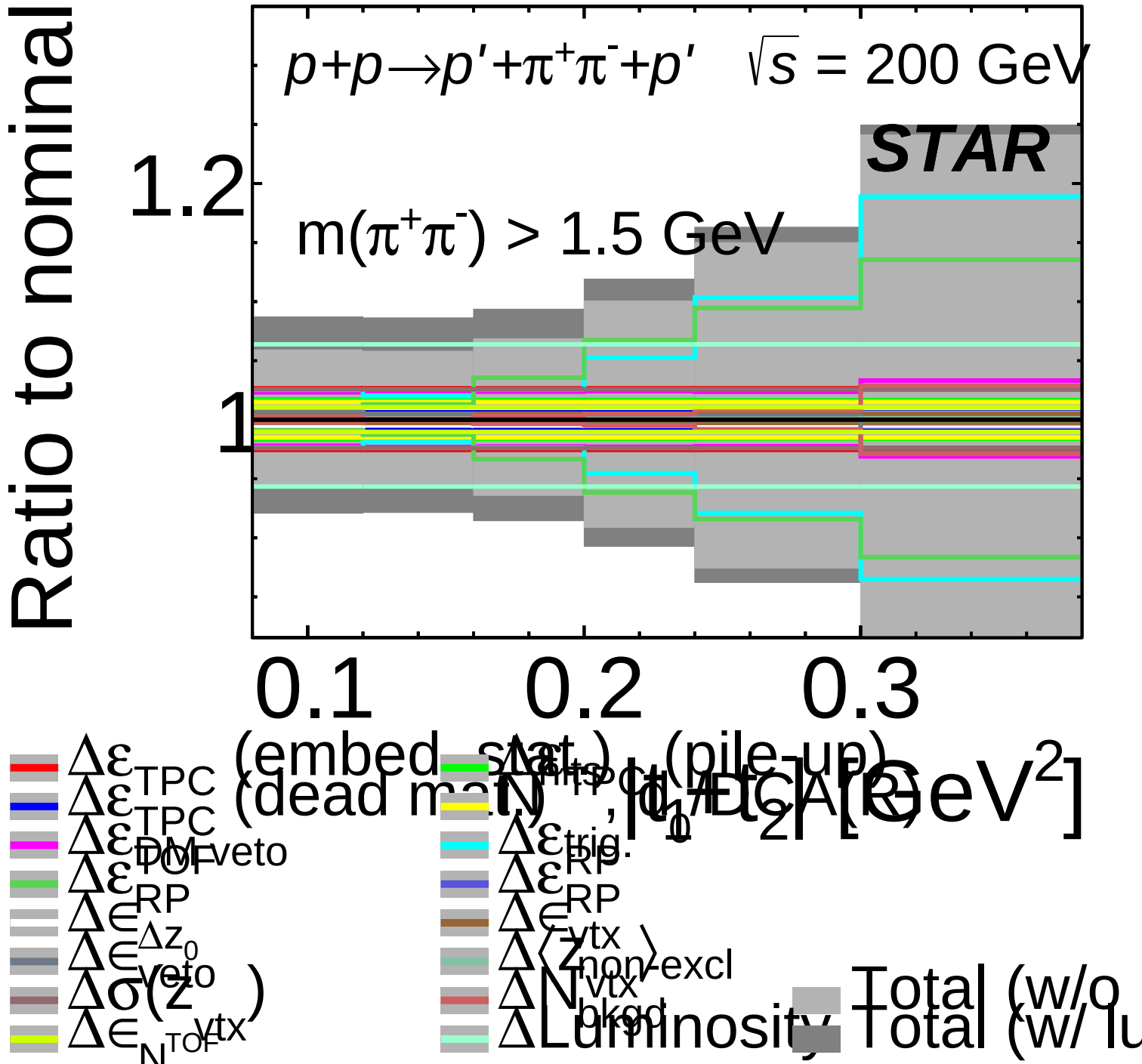
$p+p \rightarrow p'+\pi^+\pi^-+p'$ $\sqrt{s}$ = 200 GeV
STAR
$m(\pi^+\pi^-)$ > 1.5 GeV
Ratio to nominal
1.2
1
0.1
0.2
0.3
(embed. stat.), (pile-up)
(dead mat.), $|t_1 - t_2|$ [GeV^2]
$\Delta\varepsilon_{TPC}$
$\Delta\varepsilon_{TPC}$
$\Delta\varepsilon_{TPC}$
$\Delta\varepsilon_{TOF}$
$\Delta\varepsilon_{RP}$
$\Delta\in_{\Delta z_0}$
$\Delta\in_{veto}$
$\Delta\sigma(z_{vtx})$
$\Delta\in_{N_{cltrs}^{TOF}}$
$\Delta\varepsilon_{DM-veto}$
$\Delta\varepsilon_{trig.}$
$\Delta\varepsilon_{RP}$
$\Delta\in_{RP}$
$\Delta\langle z_{vtx}\rangle$
$\Delta N_{non-excl}^{vtx}$
ΔLuminosity
Total (w/o
Total (w/ lu