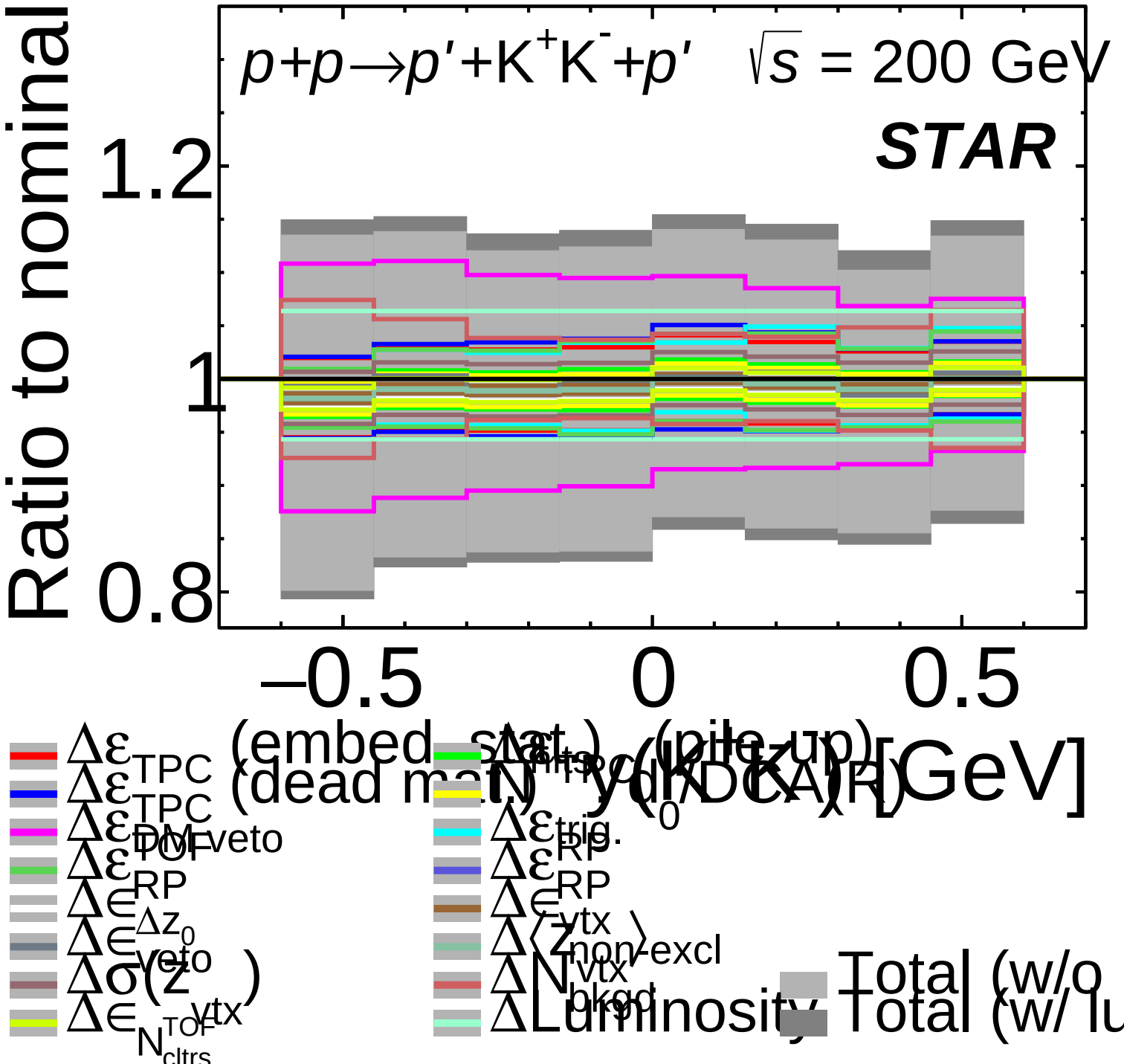
$p+p \rightarrow p'+K^+K^-+p'$ $\sqrt{s}$ = 200 GeV
STAR
Ratio to nominal
1.2
1
0.8
–0.5
0
0.5
$y(K^+K^-)$
$\Delta\varepsilon_{TPC}$ (embed. stat.)
$\Delta\varepsilon_{TPC}$ (dead mat.)
$\Delta\varepsilon_{DM\text{-}veto}$
$\Delta\varepsilon_{TOF}$
$\Delta\varepsilon_{RP}$
$\Delta\in_{\Delta z_0}$
$\Delta\in_{veto}$
$\Delta\sigma(z_{vtx})$
$\Delta\in_{N_{cltrs}^{TOF}}$
$\Delta\varepsilon_{cltrs}$ (pile-up)
$\Delta\varepsilon_{trig.}$
$\Delta\varepsilon_{RP}$
$\Delta\in_{\langle z_0 \rangle}$
$\Delta\langle z_{vtx} \rangle_{non\text{-}excl}$
ΔN_{vtx}
ΔN_{bkgd}
ΔLuminosity
Total (w/o
Total (w/ lu