


pPb, $\sqrt{s_{NN}} = 8.16$ TeV ($185 \leq N_{\text{trk}}^{\text{offline}} < 250$)


Pseudoexperiments

CMS Preliminary

$0 < p_{T, f_0(980)} < 10$ GeV/c

$|x_{\text{obs}} - \langle x_{n_q=4} \rangle| = 7.72 \sigma$

 $n_q=2$

 $n_q=4$

 Observed

-200

-100

0

100

200

$-2\ln(L_{n_q=4}/L_{n_q=2})$

