

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

Pseudoexperiments

CMS Preliminary

$0 < p_{T,f_0(980)} < 8$ GeV/c

$|x_{\text{obs}} - \langle x_{n_q=3} \rangle| = 3.45 \sigma$

$n_q=2$

$n_q=3$

→ Observed

-200

-100

0

100

200

$-2\ln(L_{n_q=3}/L_{n_q=2})$

