

**CMS**19.7 fb<sup>-1</sup> (8 TeV) + 5.1 fb<sup>-1</sup> (7 TeV)

Pseudoexperiments

 $gg \rightarrow X(2_m^+) \rightarrow ZZ + WW + \gamma\gamma$ 

— Observed

0<sup>+</sup>2<sub>m</sub><sup>+</sup>

0.09

0.08

0.07

0.06

0.05

0.04

0.03

0.02

0.01

0

-30

-20

-10

0

10

20

30

40

 $-2 \times \ln(L_{J^P} / L_{0^+})$ 