

Run2

138 fb⁻¹ (13 TeV)

κ_{ϕ}^G

CMS

Private Work

negative ALP-SM interference

----- Expected 95% CL upper limit (PRD 104, 092013)



Expected $\pm 1\sigma$ (PRD 104, 092013)



Expected $\pm 2\sigma$ (PRD 104, 092013)

10³

10²

10

1

2

4

6

8

10

f_a [TeV]