2022, 34.2 fb⁻¹ (13.6 TeV) **CMS HF Category A2 Preliminary** Data Signal (B=10⁻⁷) Background-only fit 1.65 1.8 1.85 1.9

 $m(3\mu)$ [GeV]

Events / 10 MeV

60

50

40

30

20

10