

**CMS**35.9 fb<sup>-1</sup> (13 TeV)

Events / bin

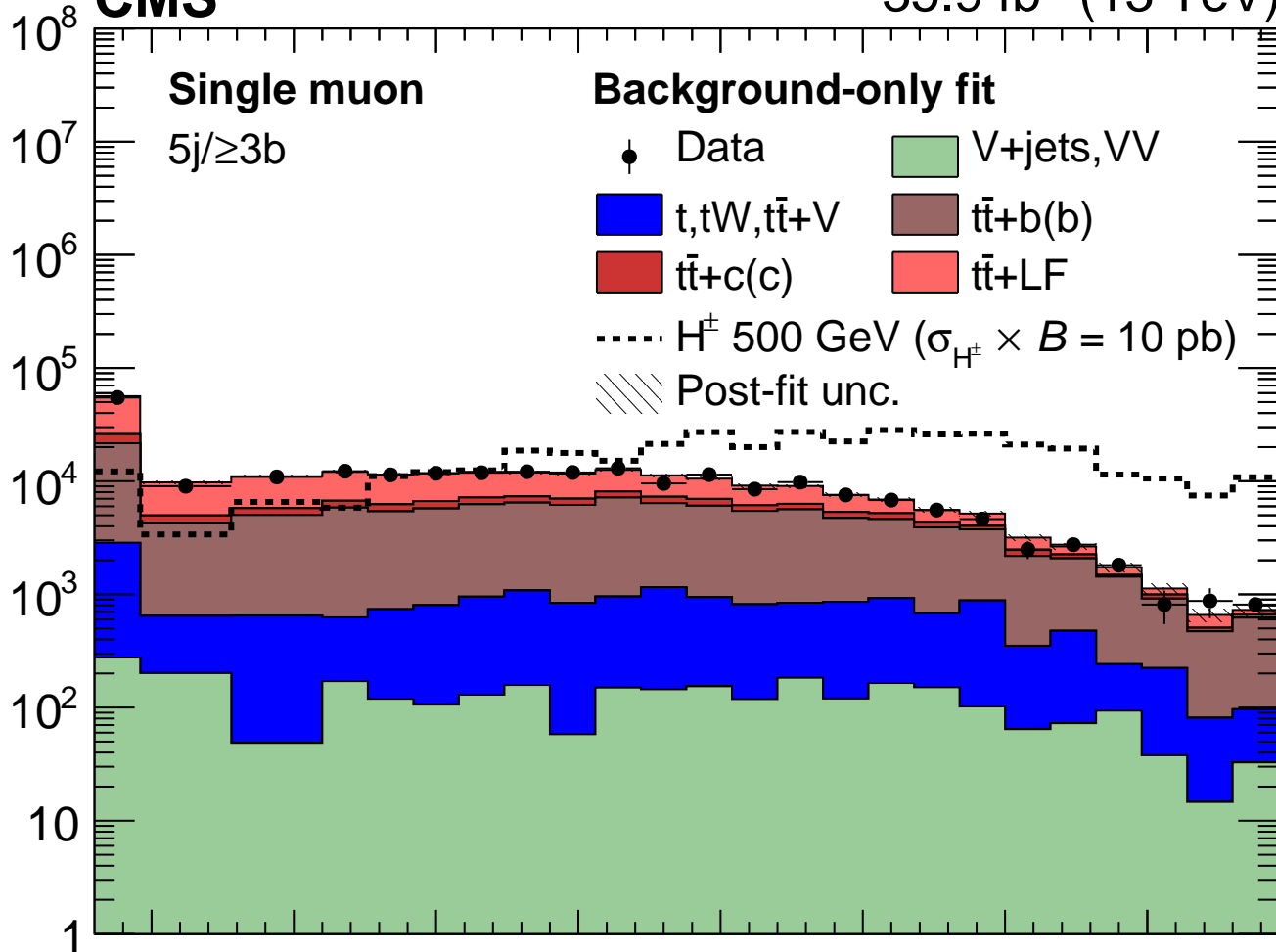
**Single muon**5j<sub>≥3b</sub>**Background-only fit**

• Data

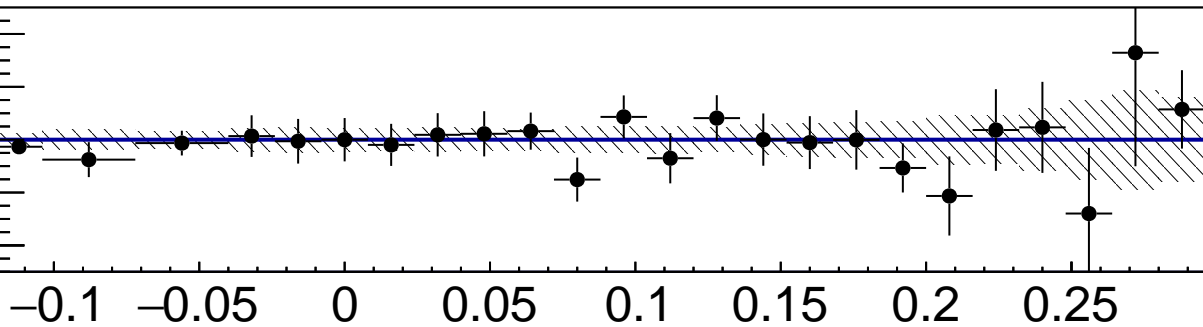
V+jets,VV

t,tW,t $\bar{t}$ +Vt $\bar{t}$ +b(b)t $\bar{t}$ +c(c)t $\bar{t}$ +LF..... H<sup>±</sup> 500 GeV ( $\sigma_{H^\pm} \times B = 10$  pb)

Post-fit unc.



Obs./Exp.



BDT discriminator