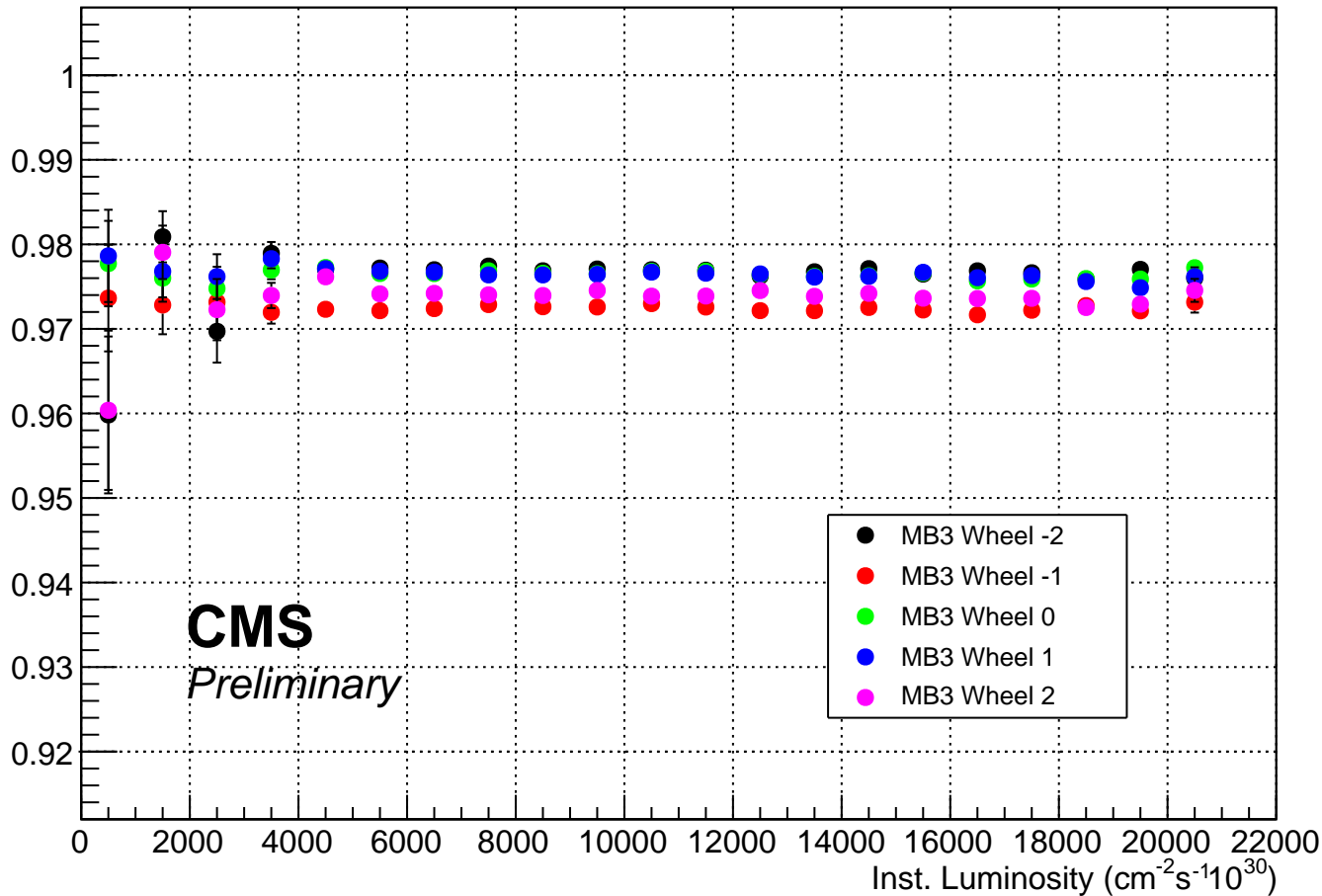


2018 pp data

10.3 fb<sup>-1</sup> (13 TeV)

Hit efficiency of  $\Phi$  layers



**CMS**  
*Preliminary*

- MB3 Wheel -2
- MB3 Wheel -1
- MB3 Wheel 0
- MB3 Wheel 1
- MB3 Wheel 2