

BPIX detector  
support rails

BPIX detector  
longitudinal  
support

Pixel detector  
support tube

BPIX detector  
outer shield

BPIX detector  
layer 1, 2, and 3  
layer 4

BPIX detector  
inner shield

Beam pipe

TIB detector layer 1

**CMS** Preliminary

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

Data 2018  
 $|z| < 25$  cm

