

29.45 fb<sup>-1</sup> (Run 1) + 40.35+194.68 fb<sup>-1</sup> (Run 2)

Full depletion voltage drop [V]

320  $\mu\text{m}$  sensors  
500  $\mu\text{m}$  sensors

*CMS FLUKA v3.9.0.0*

1  
0.9  
0.8  
0.7  
0.6  
0.5  
0.4  
0.3  
0.2  
0.1  
0

TIB L1  
TIB L2  
TIB L3  
TIB L4  
TOB L1  
TOB L2  
TOB L3  
TOB L4  
TOB L5  
TOB L6  
TID R1  
TID R2  
TID R3  
TEC R1  
TEC R2  
TEC R3  
TEC R4  
TEC R5  
TEC R6  
TEC R7