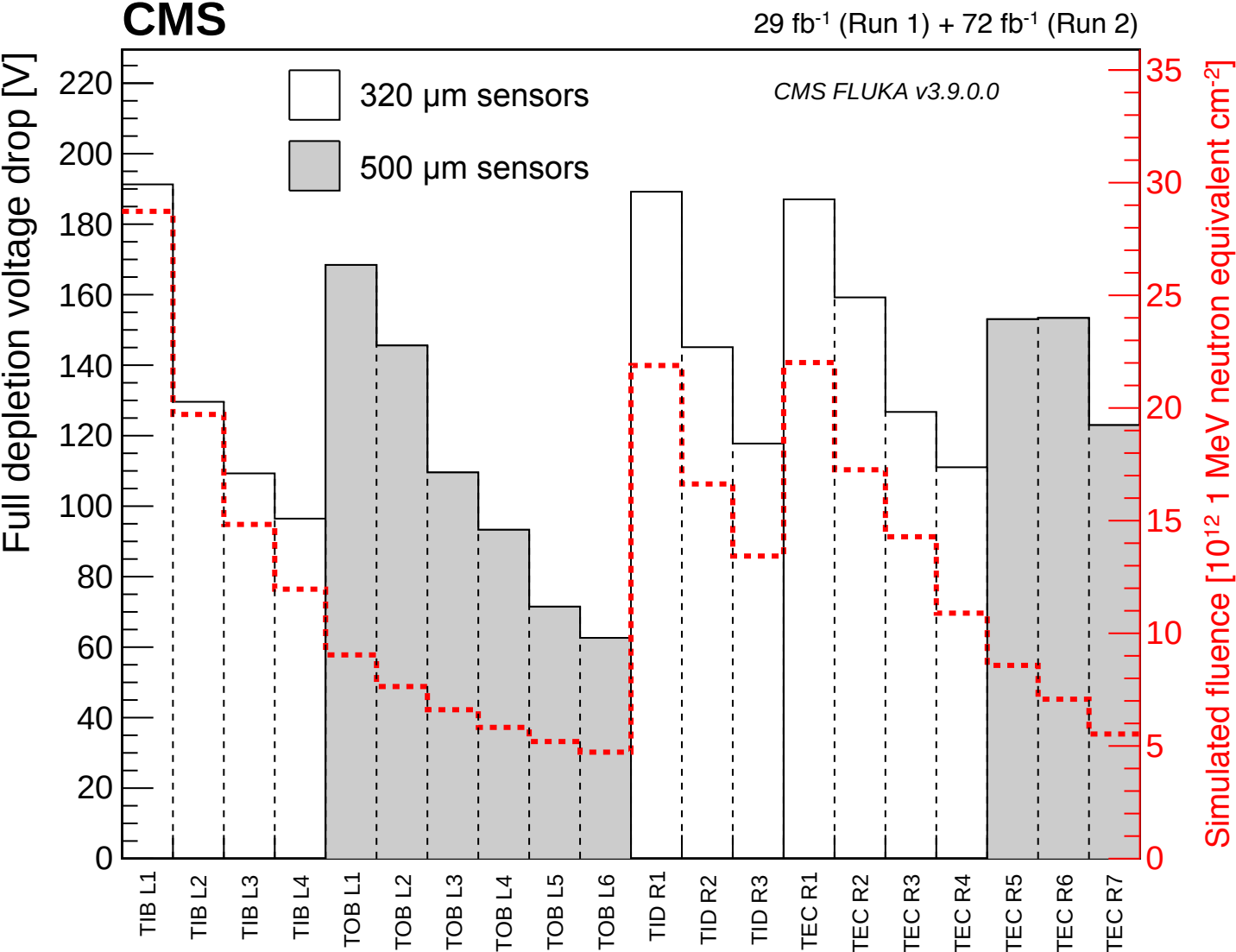
CMS
29 fb-1 (Run 1) + 72 fb-1 (Run 2)
320 μm sensors
500 μm sensors
CMS FLUKA v3.9.0.0
Full depletion voltage drop [V]
Simulated fluence [10^12 1 MeV neutron equivalent cm^-2]
0
20
40
60
80
100
120
140
160
180
200
220
0
5
10
15
20
25
30
35
TIB L1
TIB L2
TIB L3
TIB L4
TOB L1
TOB L2
TOB L3
TOB L4
TOB L5
TOB L6
TID R1
TID R2
TID R3
TEC R1
TEC R2
TEC R3
TEC R4
TEC R5
TEC R6
TEC R7