

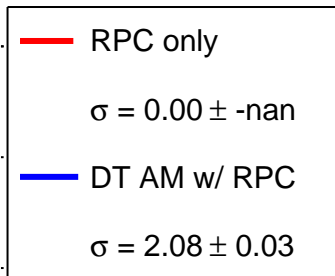
**CMS Phase-2 Simulation**

**PU 200 (14 TeV)**

**a.u.**

**W+1 MB3**

**$p_T > 20$  GeV**



0.14  
0.12  
0.1  
0.08  
0.06  
0.04  
0.02  
0

-10 -8 -6 -4 -2 0 2 4 6 8 10

**Time of the TPs associated with prompt muons [ns]**