

CMS *Phase-2 Simulation*

PU 200 (14 TeV)

MB4 W-2

a.u.

— DT AM
 $\sigma = 2.67 \pm 0.16$
— DT AM w/ RPC
 $\sigma = 1.51 \pm 0.09$

Time of the TPs associated with prompt muons [ns]

