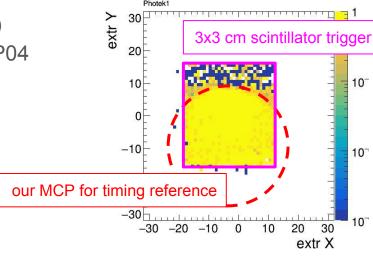
CMS Mip Timing Detector @ H4 PPE164

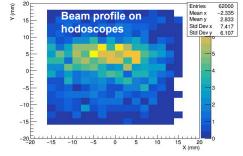
M.Lucchini, A.Benaglia, S.Pigazzini on behalf of the CMS MTD

Alignment of scintillators and hodoscopes

- Successful alignment of scintillator counters (trigger)
 and hodoscope planes with the new beamline for NP04
 - thanks to Nikos, Simone and others







- We could now run parasitically with NP04 for ~1 more week
 - \circ we are ~1 X_0 thick

Experimental setup and data taken

- We appreciated beam focused at ~infinite
 - allows a better extrapolation of impact point on our target using the 2 hodoscope planes
- Tested two sensor candidates to build the MTD barrel detector
 - data will provide strong input to write the TDR (due by early 2019)
- Tested 16 channels module prototype

