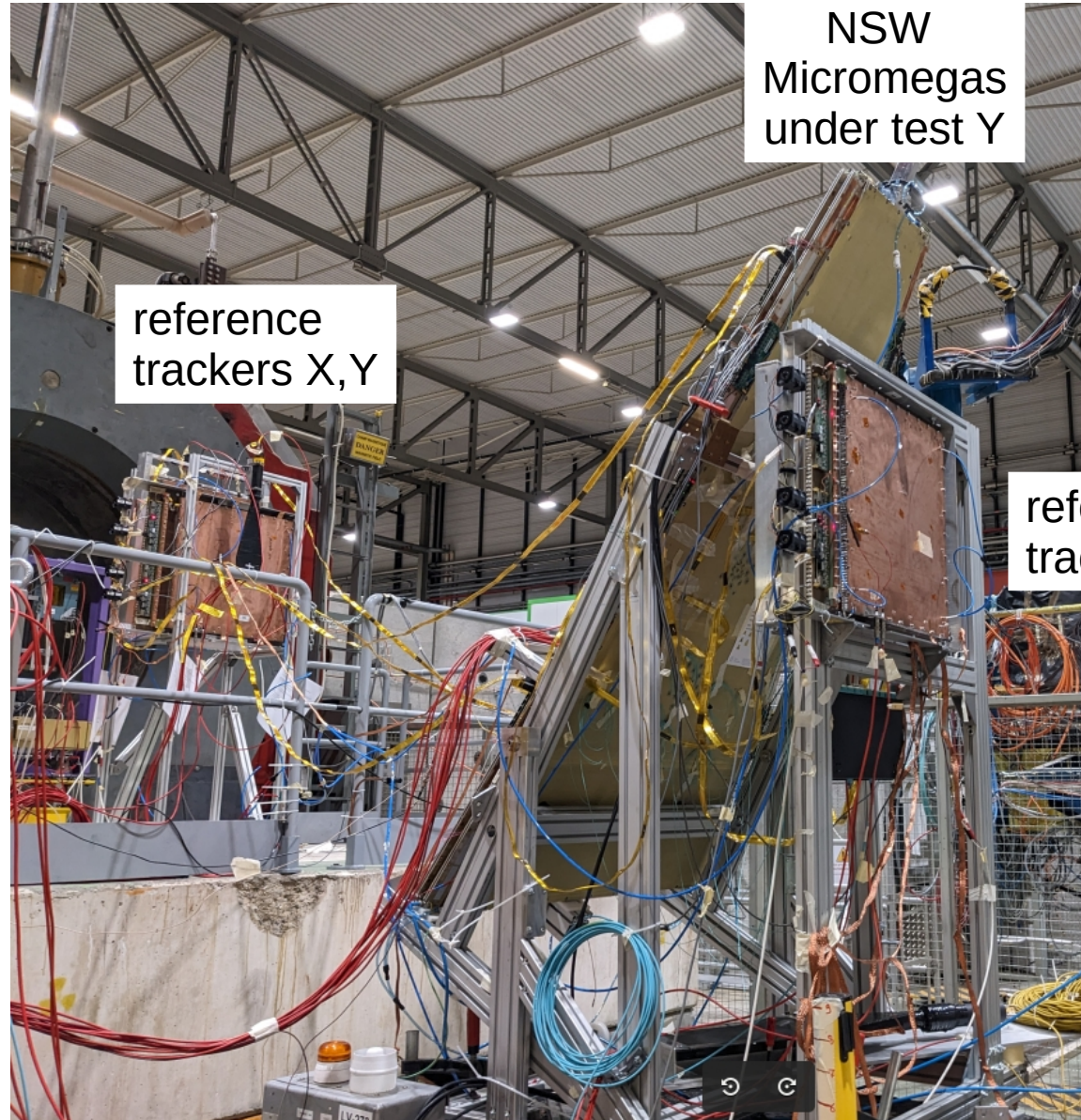


H8B Beamtime ATLAS Micromegas

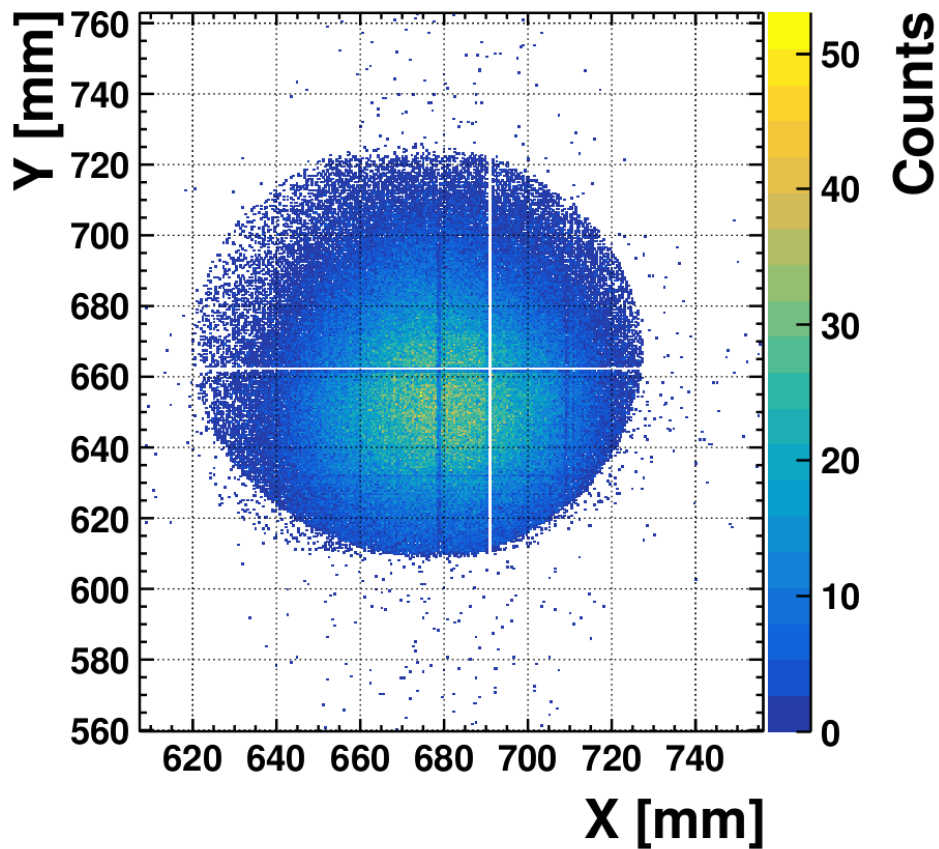
5. June – 19. June 2024



NSW
Micromegas
under test Y

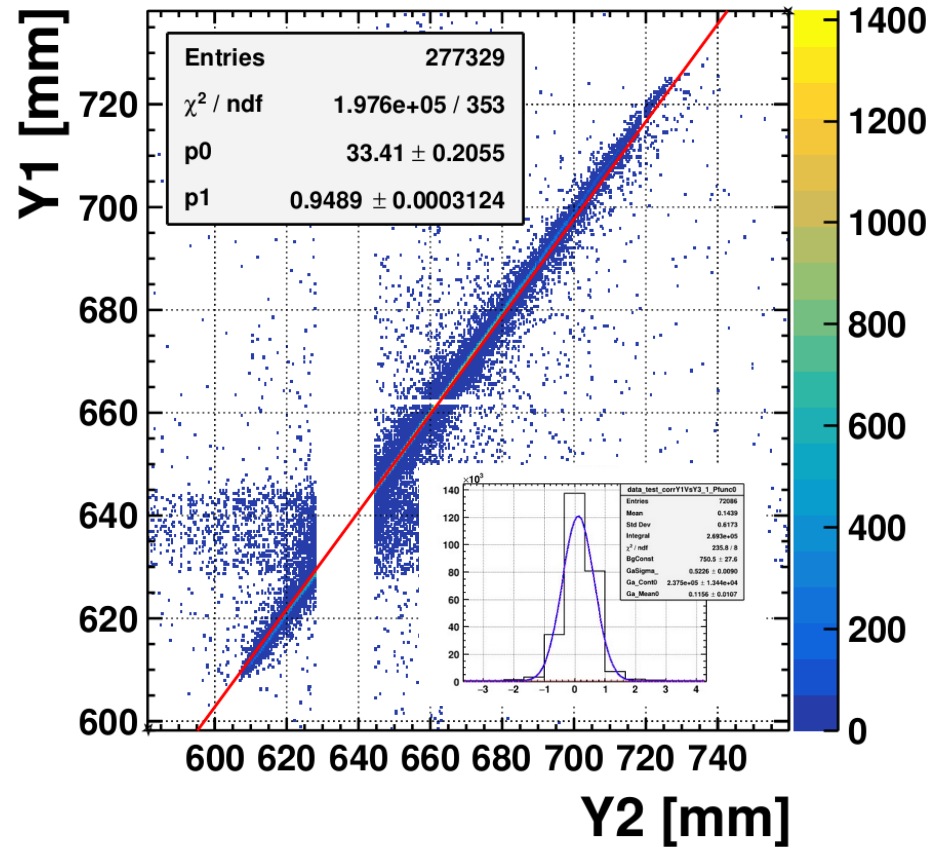
reference
trackers X,Y

reference
trackers Y,Y



2D beam spot
 180 GeV pions / protons
 FW: $\approx 10\text{cm}$
 FWHM: $\approx 5\text{ cm}$

$3\text{-}7 \cdot 10^5$ particles per bunch
 1-3 bunches / spill
 350 runs / night
 64 position scans / night



parallelicity of beam:
 $\approx 45\ \mu\text{rad}$