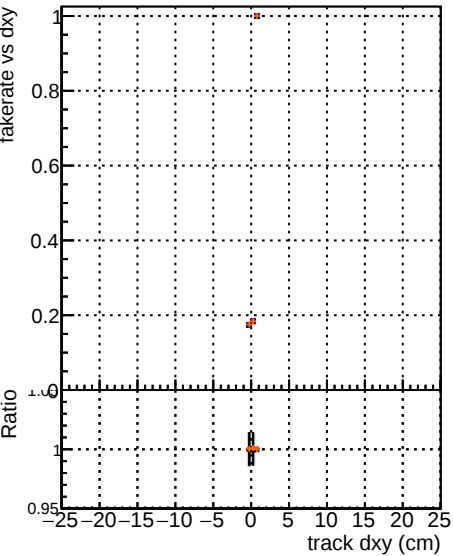


Fake rate vs dxy



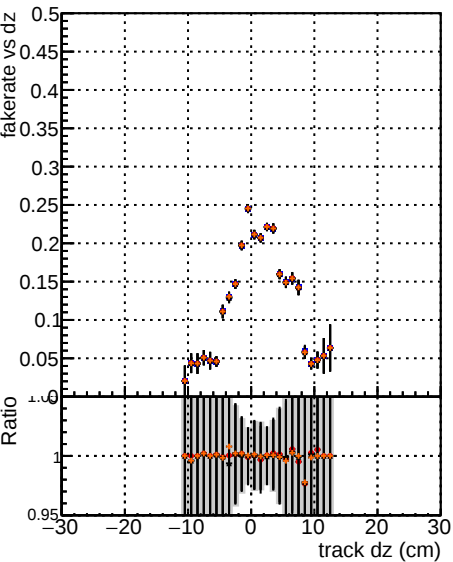
Duplicates Rate vs Dxy



Pileup rate vs dxy



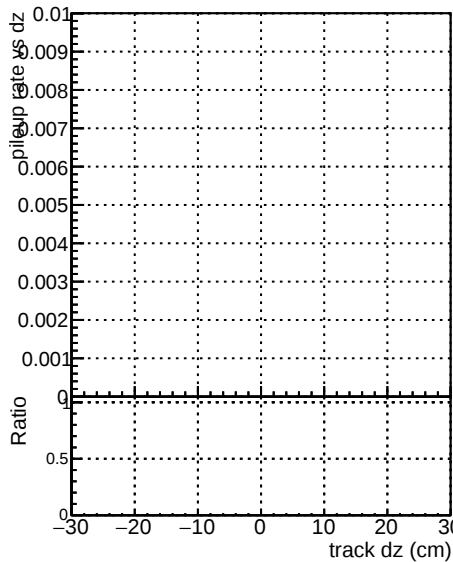
Fake rate vs dz



Duplicates Rate vs Dxy



Pileup rate vs dxy



Legend:
 - Blue line: BSM IT original noPU
 - Red line: BSM IT original noPU
 - Green line: BSM IT original noPU
 - Orange line: BSM IT original noPU
 - Yellow line: BSM IT original noPU
 - Purple line: BSM IT original noPU
 - Brown line: BSM IT original noPU
 - Grey line: BSM IT original noPU
 - Black line: BSM IT original noPU
 - White line: BSM IT original noPU
 - Light blue line: BSM IT original noPU
 - Light red line: BSM IT original noPU
 - Light green line: BSM IT original noPU
 - Light orange line: BSM IT original noPU
 - Light yellow line: BSM IT original noPU
 - Light purple line: BSM IT original noPU
 - Light brown line: BSM IT original noPU
 - Light grey line: BSM IT original noPU
 - Light white line: BSM IT original noPU
 - Dark blue line: BSM IT original noPU
 - Dark red line: BSM IT original noPU
 - Dark green line: BSM IT original noPU
 - Dark orange line: BSM IT original noPU
 - Dark yellow line: BSM IT original noPU
 - Dark purple line: BSM IT original noPU
 - Dark brown line: BSM IT original noPU
 - Dark grey line: BSM IT original noPU
 - Dark white line: BSM IT original noPU
 - Very light blue line: BSM IT original noPU
 - Very light red line: BSM IT original noPU
 - Very light green line: BSM IT original noPU
 - Very light orange line: BSM IT original noPU
 - Very light yellow line: BSM IT original noPU
 - Very light purple line: BSM IT original noPU
 - Very light brown line: BSM IT original noPU
 - Very light grey line: BSM IT original noPU
 - Very light white line: BSM IT original noPU
 - Very dark blue line: BSM IT original noPU
 - Very dark red line: BSM IT original noPU
 - Very dark green line: BSM IT original noPU
 - Very dark orange line: BSM IT original noPU
 - Very dark yellow line: BSM IT original noPU
 - Very dark purple line: BSM IT original noPU
 - Very dark brown line: BSM IT original noPU
 - Very dark grey line: BSM IT original noPU
 - Very dark white line: BSM IT original noPU