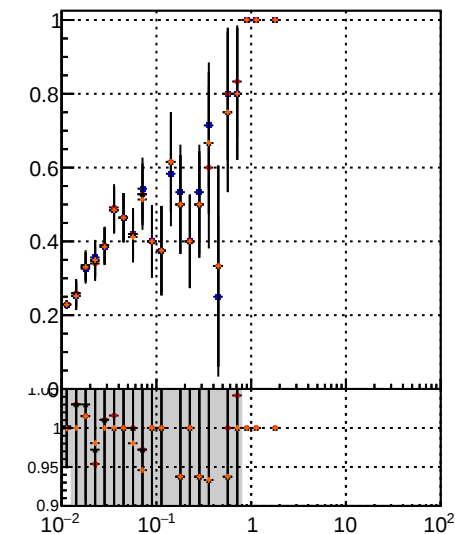


Fake rate vs vertpos



Duplicates Rate vs vertpos



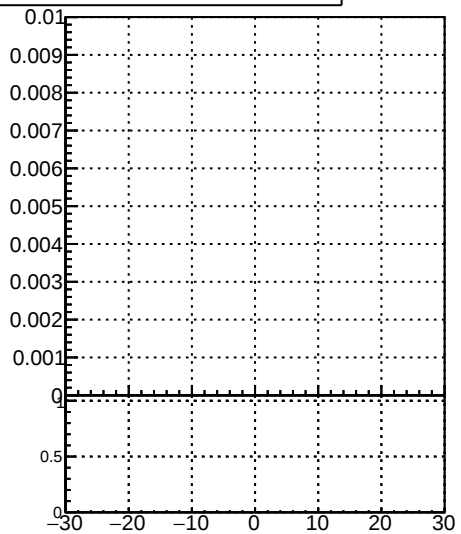
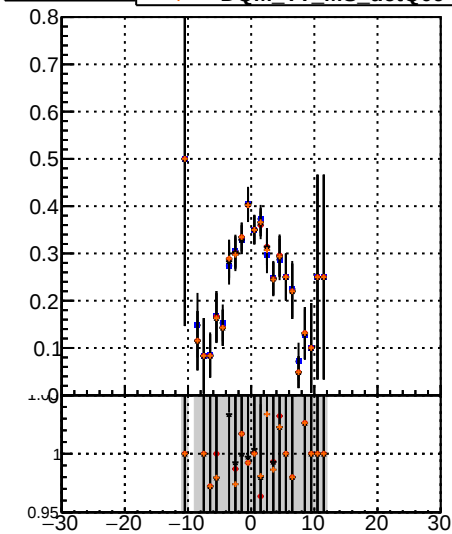
Pileup rate vs vertpos



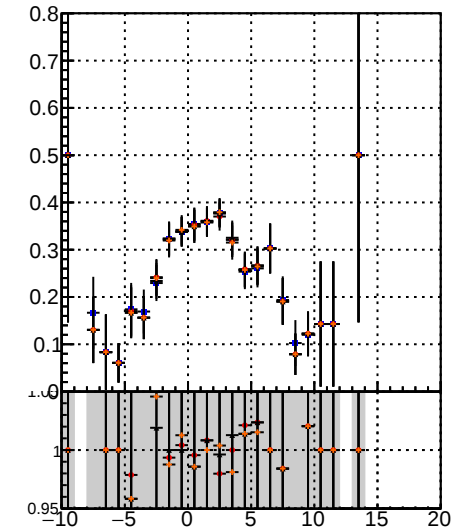
Fake rate vs  $v$

Legend:

- $B\bar{B} \rightarrow TT$  MS det0 (blue squares)
- $B\bar{B} \rightarrow TT$  MS det01 (orange circles)
- $B\bar{B} \rightarrow TT$  MS det09 (red triangles)
- $B\bar{B} \rightarrow TT$  MS det099 (black crosses)



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

