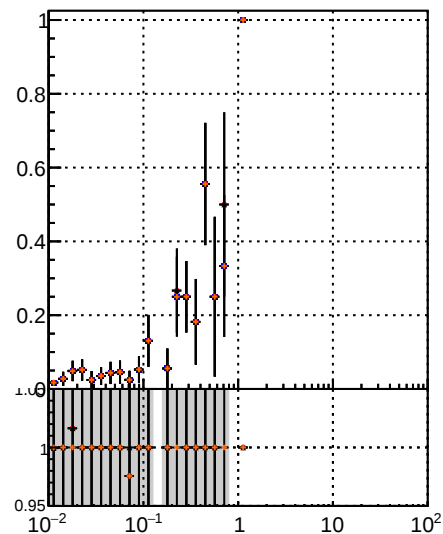


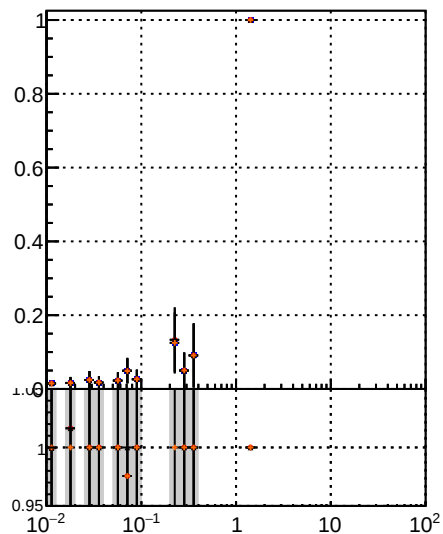
Fake rate vs verpos



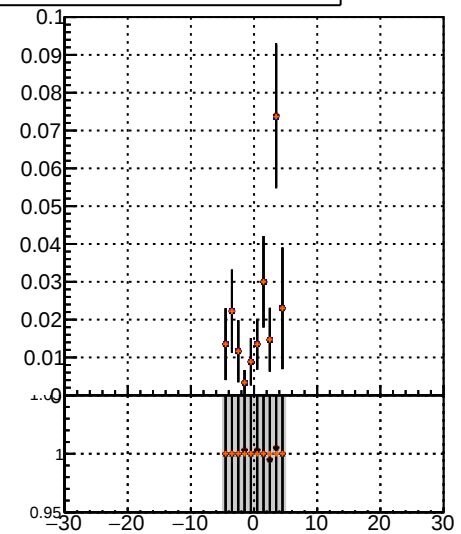
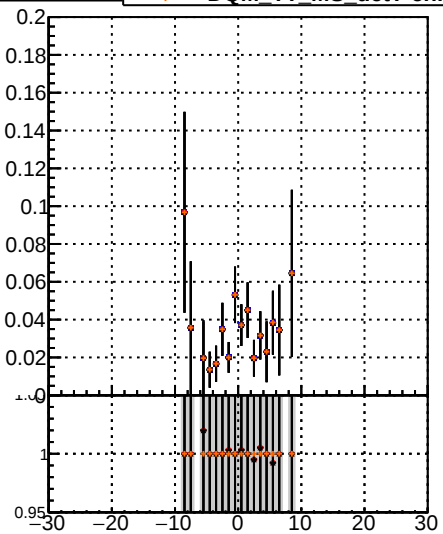
Duplicates Rate vs verpos



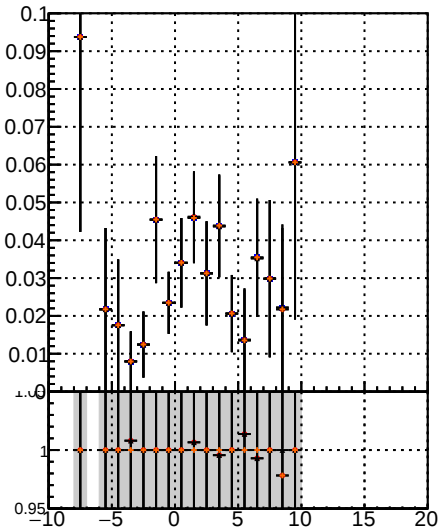
Pileup rate vs verpos


 Fake rate vs  $\sqrt{s}$ 

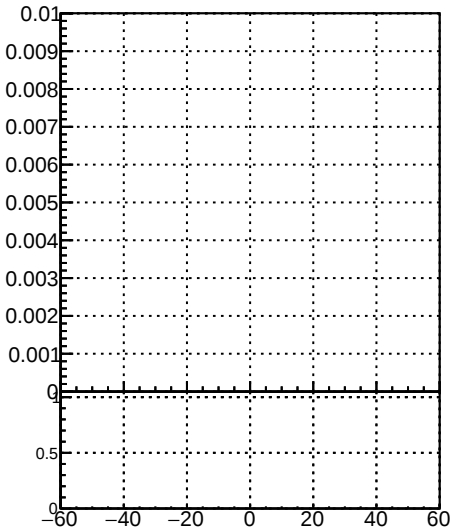
| Configuration | Color  | Symbol |
|---------------|--------|--------|
| DOM TT MS     | Blue   | Circle |
| DOM TT MS     | Red    | Circle |
| DOM TT MS     | Black  | Circle |
| DOM TT MS     | Orange | Circle |
| detT          | Blue   | Circle |
| detT          | Red    | Circle |
| detT          | Black  | Circle |
| detT          | Orange | Circle |
| dpdq          | Blue   | Circle |
| dpdq          | Red    | Circle |
| dpdq          | Black  | Circle |
| dpdq          | Orange | Circle |
| chiz          | Blue   | Circle |
| chiz          | Red    | Circle |
| chiz          | Black  | Circle |
| chiz          | Orange | Circle |



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

