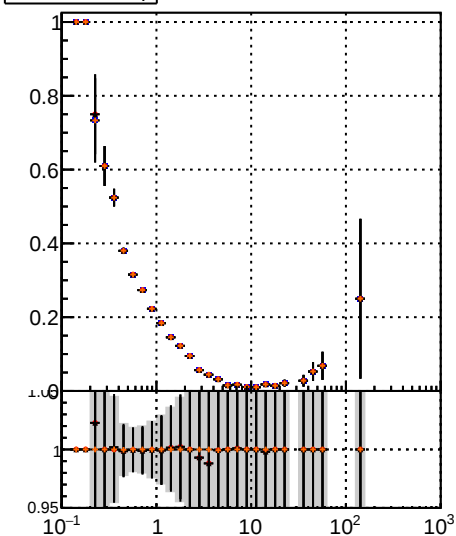
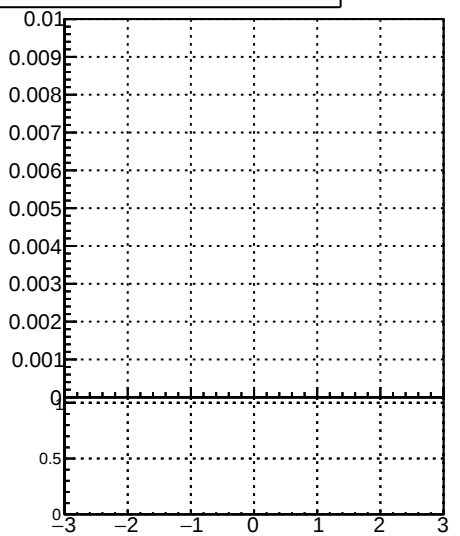
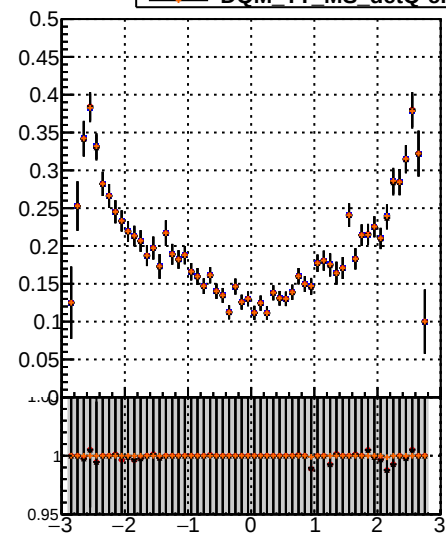
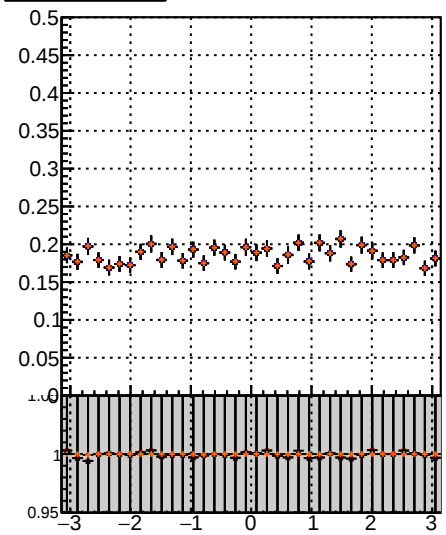


Fake rate vs p_T Duplicates Rate vs p_T Pileup rate vs p_T 

—●— $BQM \rightarrow TT \rightarrow MS \rightarrow det0$
 —●— $BQM \rightarrow TT \rightarrow MS \rightarrow det0$
 —●— $BQM \rightarrow TT \rightarrow MS \rightarrow det0$
 —●— $BQM \rightarrow TT \rightarrow MS \rightarrow det0$

Fake rate vs ϕ Duplicates Rate vs ϕ Pileup rate vs ϕ 