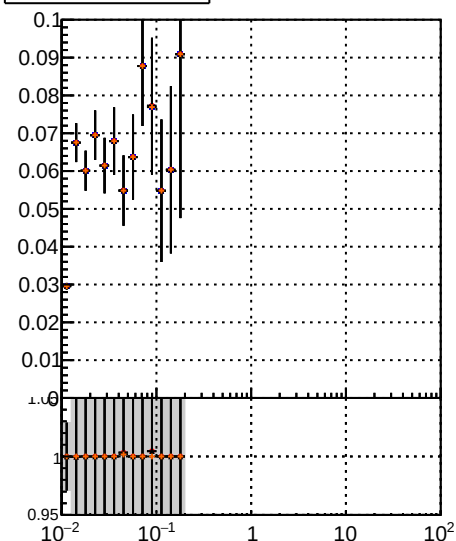
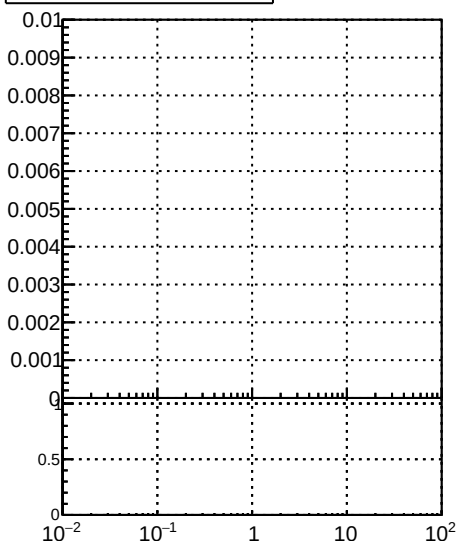


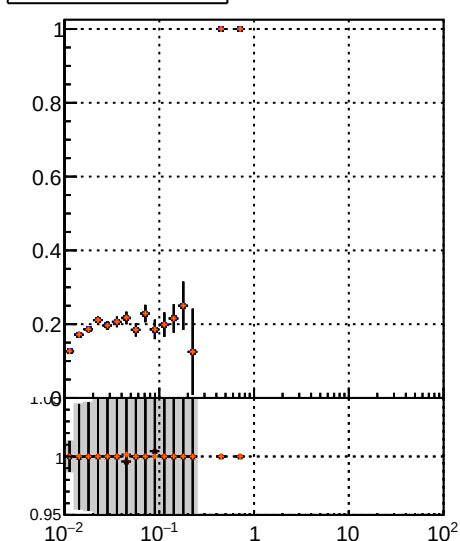
Fake rate vs vertpos



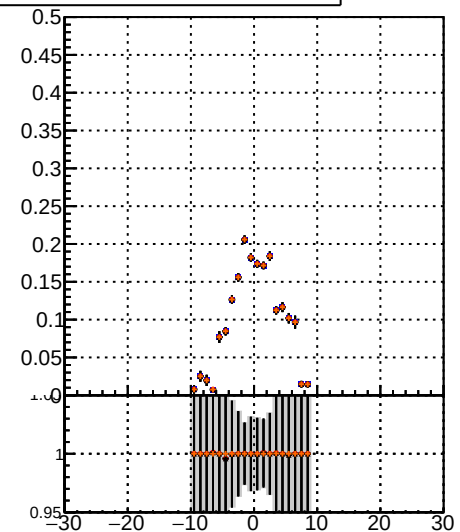
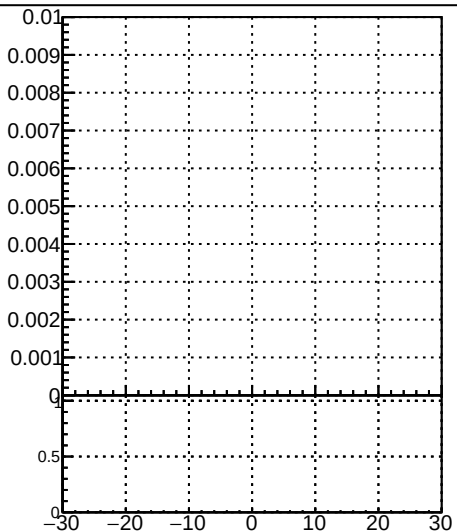
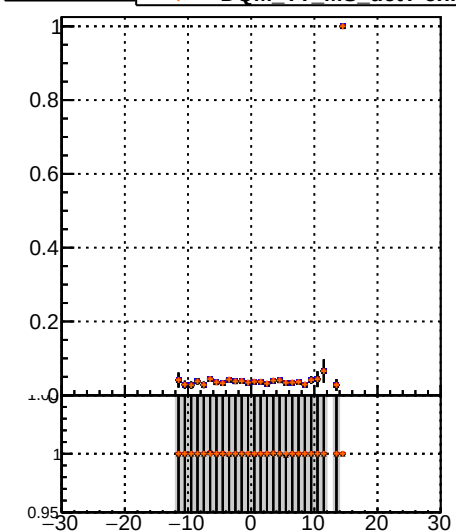
Duplicates Rate vs vertpos



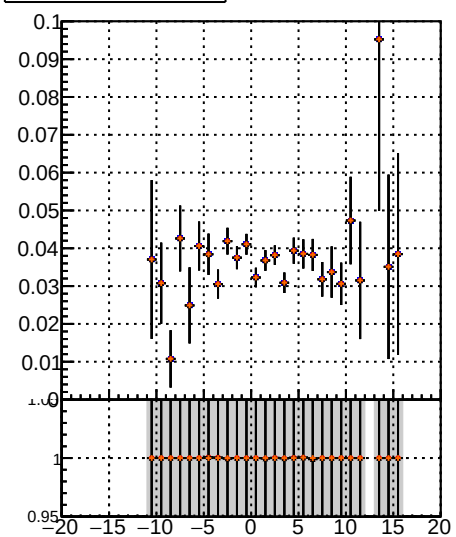
Pileup rate vs vertpos


 Fake rate vs v_{rel}

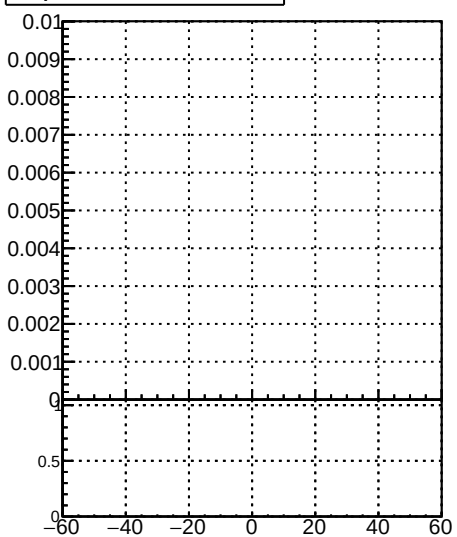
Decay Channel	Color	Symbol
$B^0 \rightarrow \pi^+ \pi^-$	Blue	Circle
$B^0 \rightarrow \pi^+ \pi^- \pi^0$	Red	Circle
$B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$	Green	Circle
$B^0 \rightarrow \pi^+ \pi^- \pi^0 \pi^0$	Orange	Circle
$B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^- \pi^0$	Purple	Circle
$B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^- \pi^+ \pi^-$	Brown	Circle
$B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^- \pi^0 \pi^0$	Grey	Circle
$B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^- \pi^+ \pi^- \pi^0$	Black	Circle
$B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^- \pi^+ \pi^- \pi^+ \pi^-$	Dark Grey	Circle
$B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^- \pi^+ \pi^- \pi^0 \pi^0$	Light Grey	Circle
$B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^- \pi^+ \pi^- \pi^+ \pi^- \pi^0$	Very Light Grey	Circle
$B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^- \pi^+ \pi^- \pi^+ \pi^- \pi^+ \pi^-$	White	Circle



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

