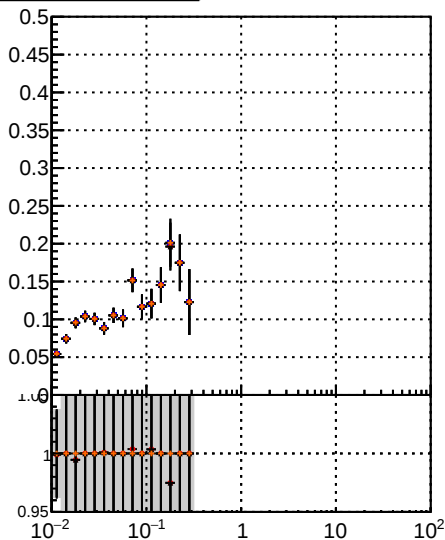


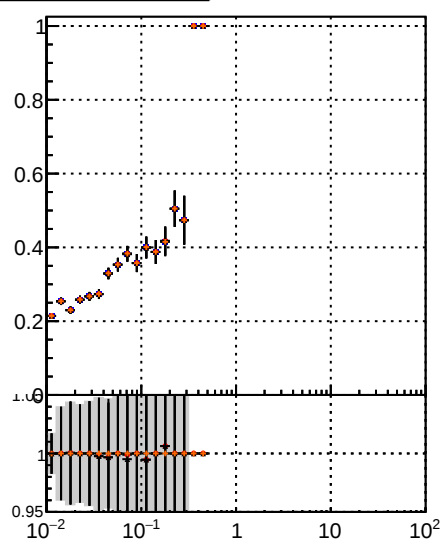
Fake rate vs vertpos



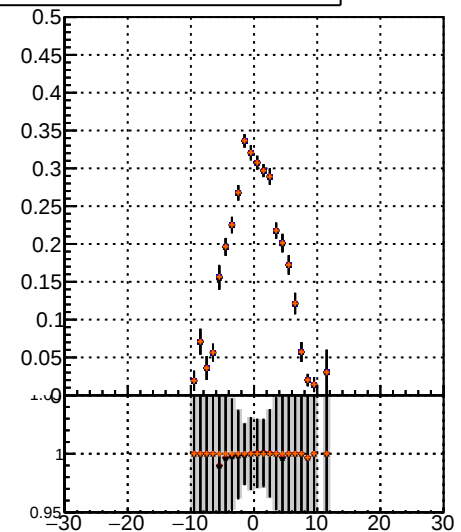
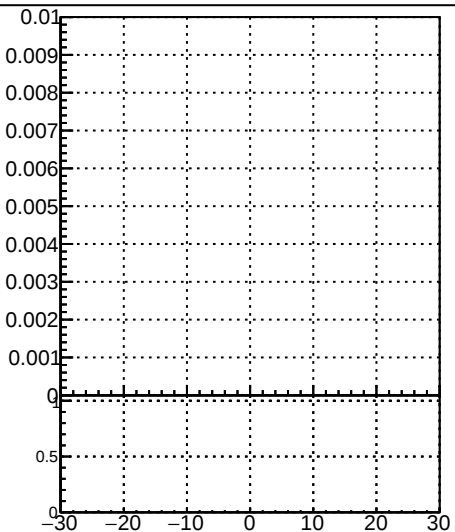
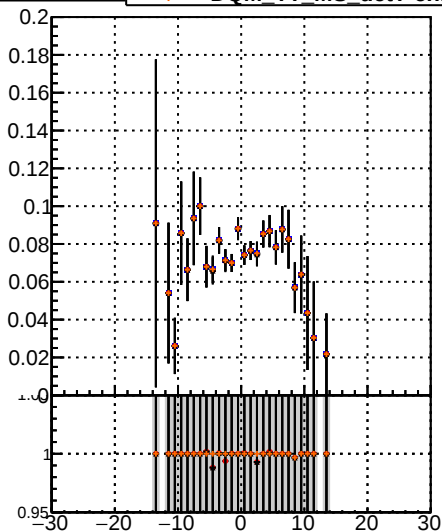
Duplicates Rate vs vertpos



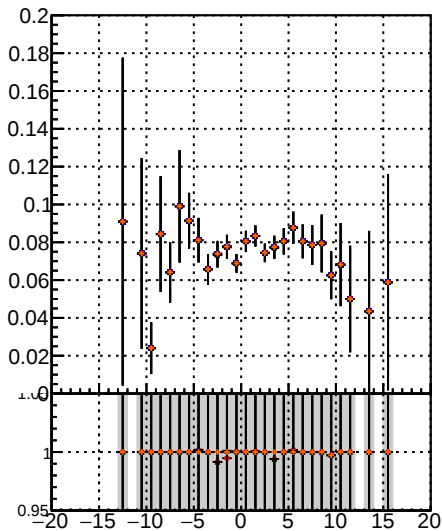
Pileup rate vs vertpos


 Fake rate vs $\sqrt{s}$

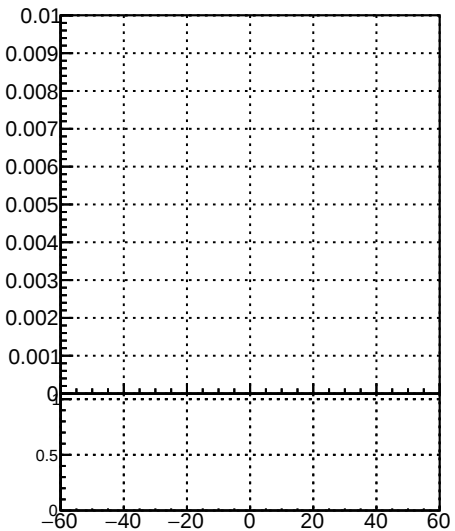
Process	Line Style	Marker
BBQ	Solid	Blue circle
BBQ	Dashed	Red circle
BBQ	Dotted	Black circle
TT	Solid	Blue circle
TT	Dashed	Red circle
TT	Dotted	Black circle
MS	Solid	Blue circle
MS	Dashed	Red circle
MS	Dotted	Black circle
detT	Solid	Blue circle
detT	Dashed	Red circle
detT	Dotted	Black circle
dpdg	Solid	Blue circle
dpdg	Dashed	Red circle
dpdg	Dotted	Black circle
ch2	Solid	Blue circle
ch2	Dashed	Red circle
ch2	Dotted	Black circle



Fake rate vs. sim PV z



Duplicates Rate vs sim PV z



Pileup rate vs. sim PV z

