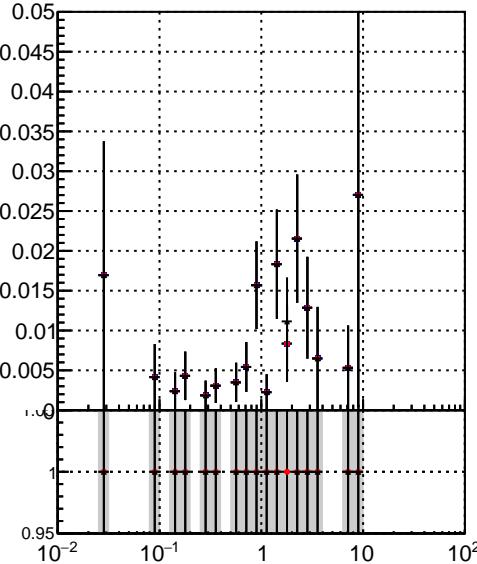
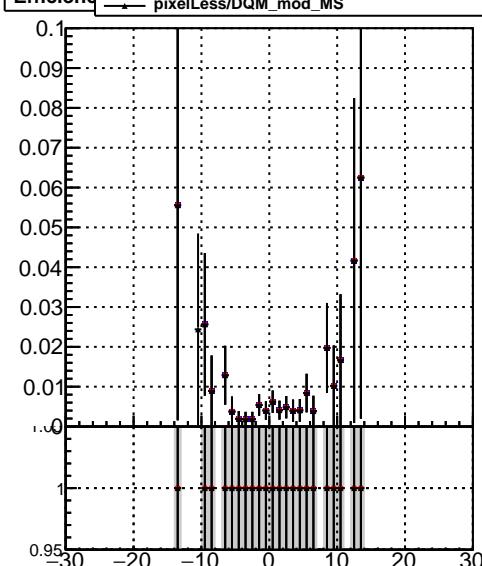


### Efficiency vs vertpos



### Efficiency



### Efficiency vs. sim PV $z$

