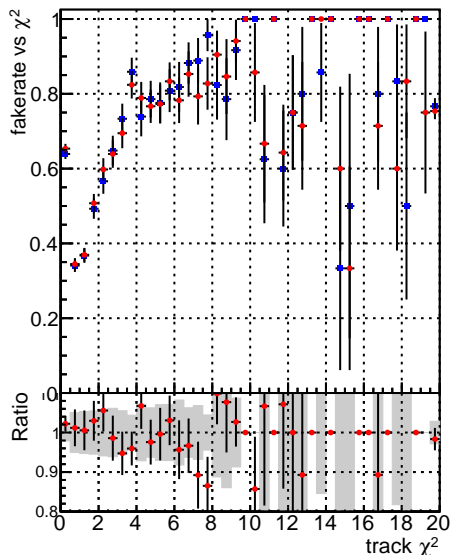
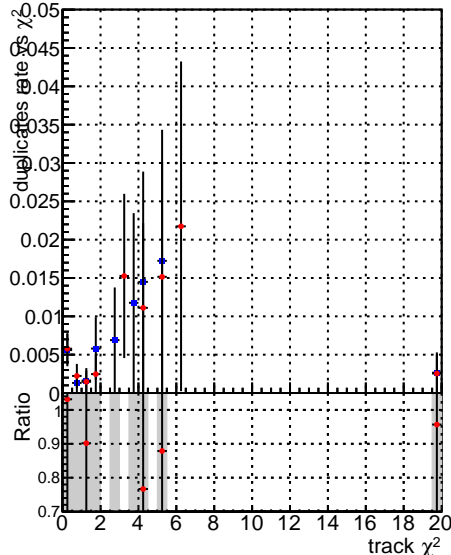


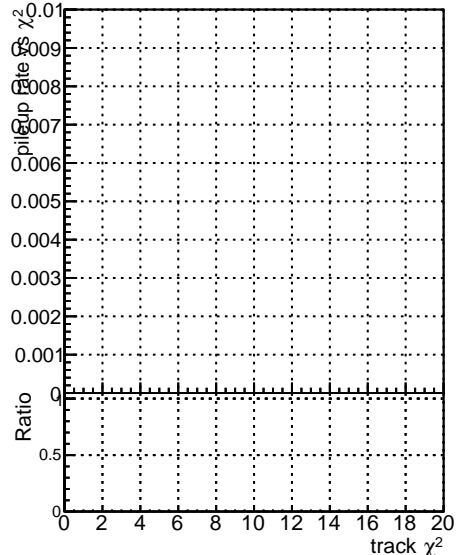
**Fake rate vs normalized  $\chi^2$**



**Duplicates Rate vs normalized  $\chi^2$**



**Pileup rate vs normalized  $\chi^2$**



**Fake rate vs.**  
◆ SoftQCD\_default  
▲ SoftQCD\_ckfPixelLessStep

