

Mode 5 :

Efficiency : -nan (0 / 0)

***Area selection : center of the NINJA detector 30cm square .**

***Sand muon selection : track_type == 1 .**

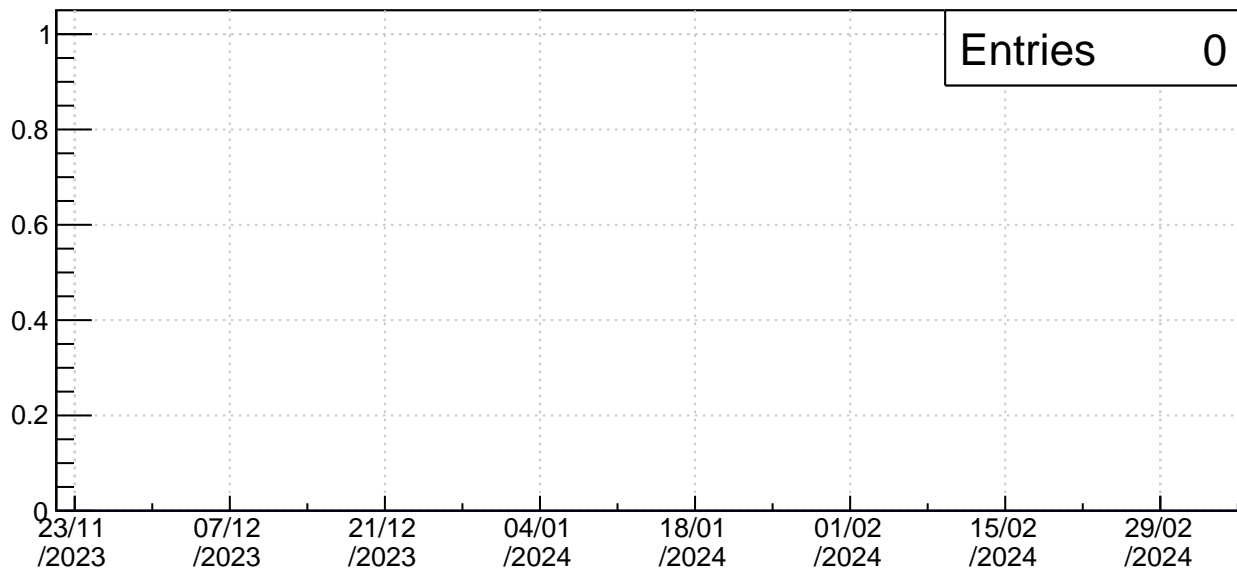
***Number of hit selection : $2 \leq \text{NoH} \leq 4$ for both side .**

***Number of cluster selection : $\text{NoC} \leq 5$.**

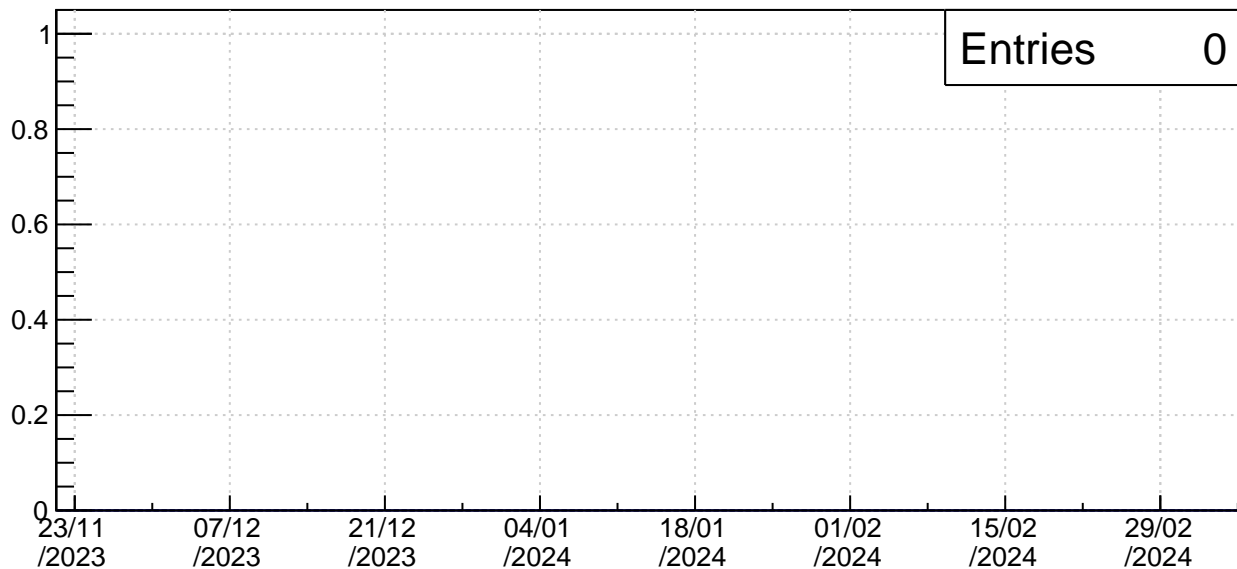
***Momentum selection : Muon momentum ≥ 500 .**

***Timing of event selection : half latter of the beam time .**

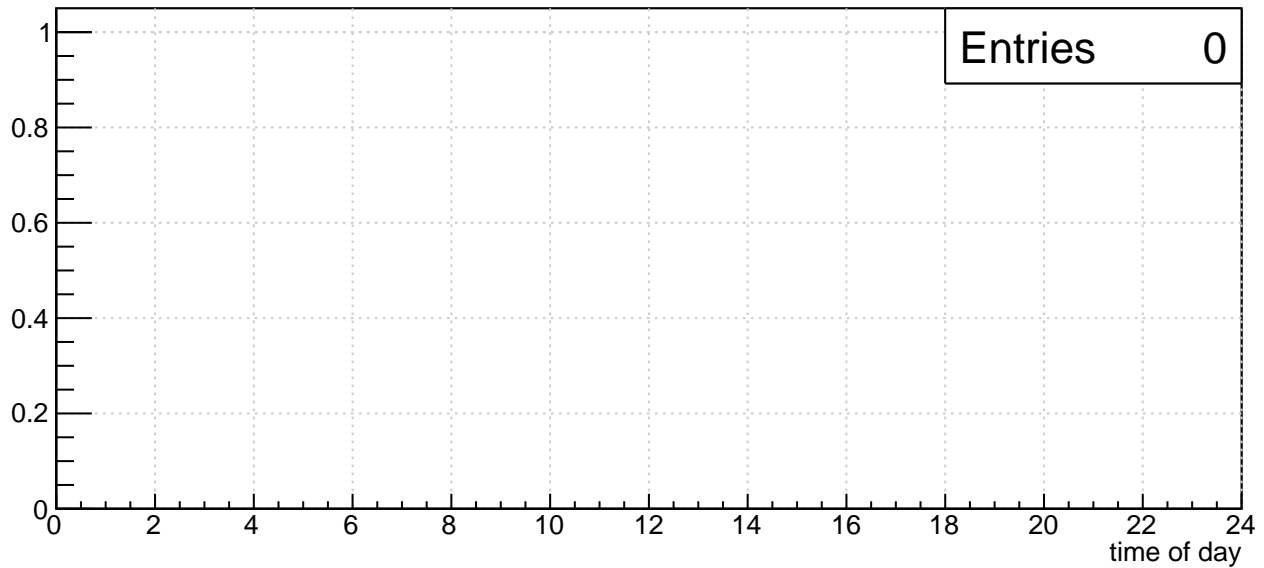
Number of events per day (connected)



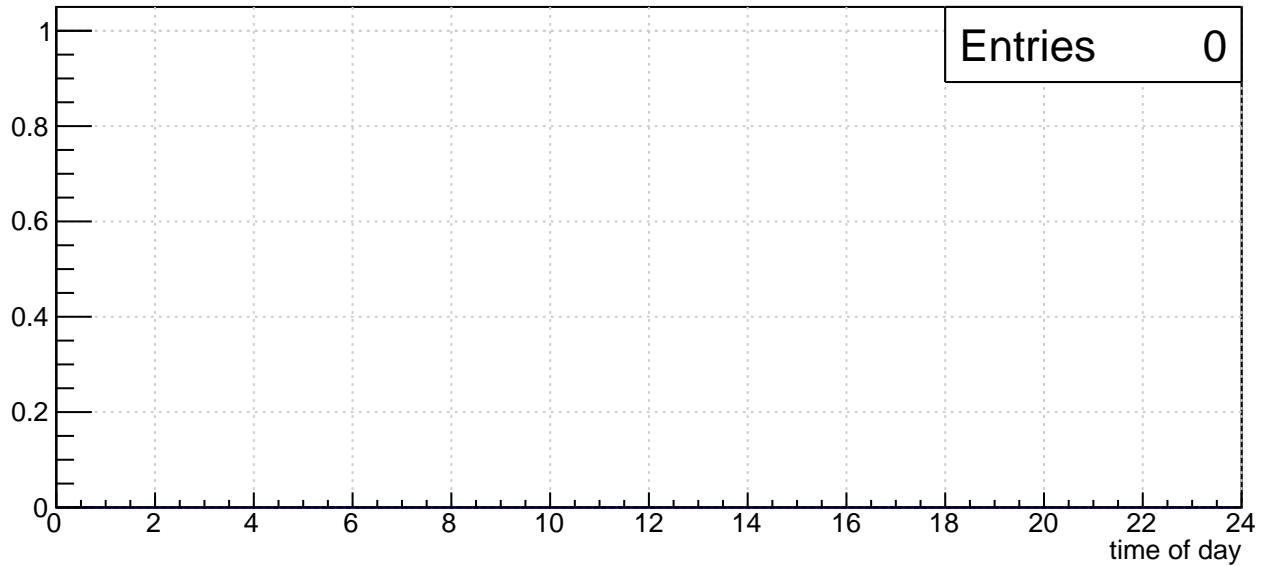
Number of events per day (unconnected)



time of day (connected)



time of day (unconnected)



angle (connected)



angle (connected)



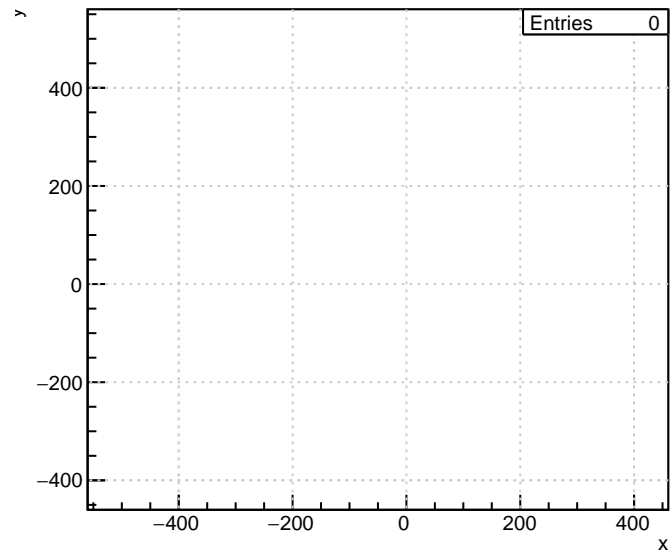
angle (unconnected)



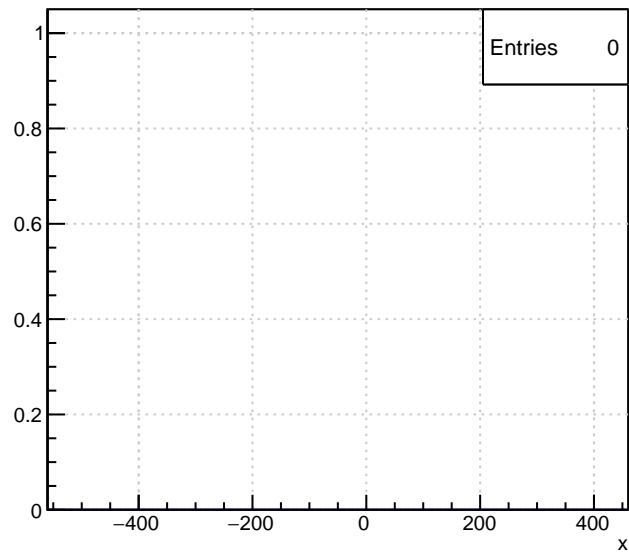
angle (unconnected)



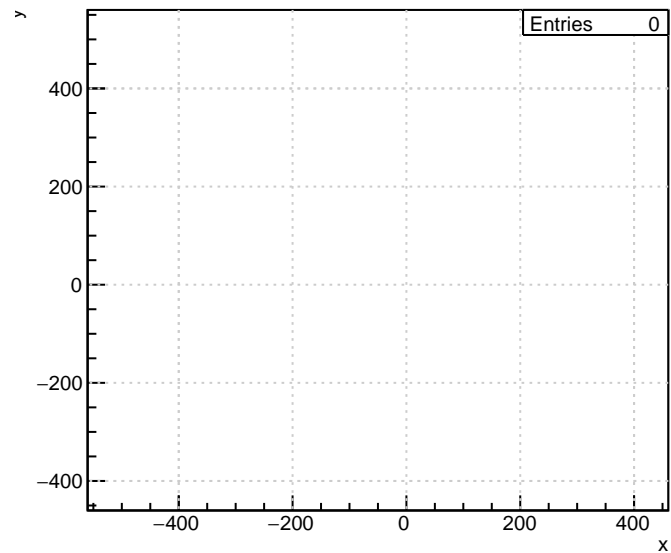
position (connected)



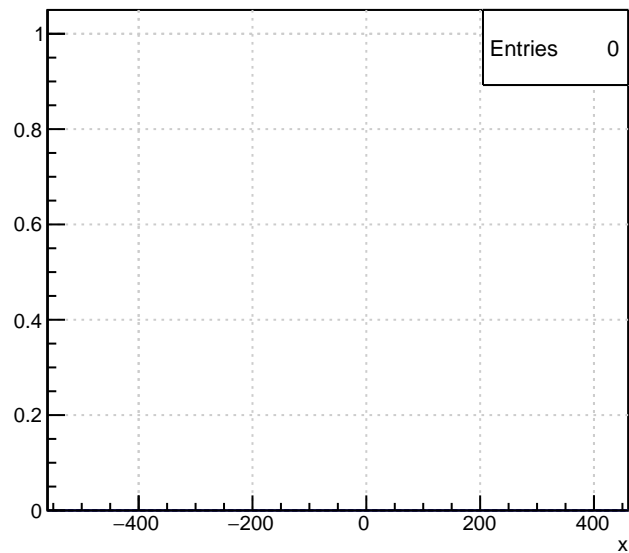
position (connected)



position (unconnected)



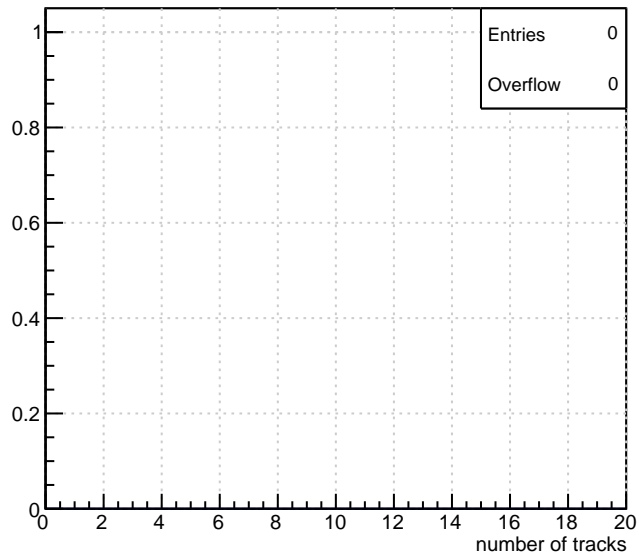
position (unconnected)



Number of Clusters (connected)



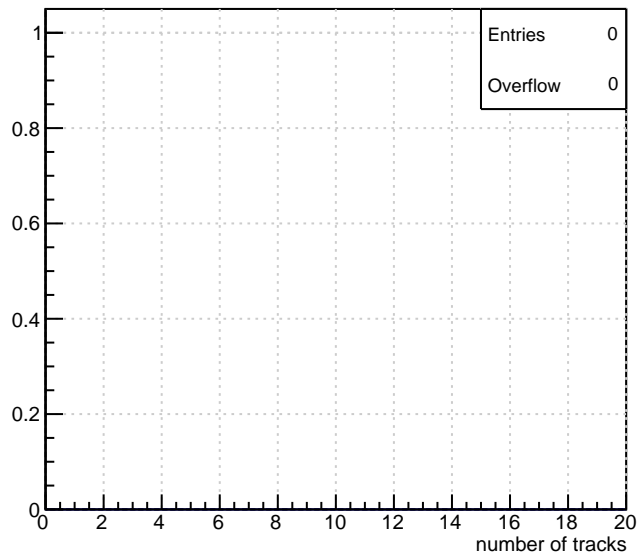
Number of BabyMIND tracks (connected)



Number of Clusters (unconnected)



Number of BabyMIND tracks (unconnected)



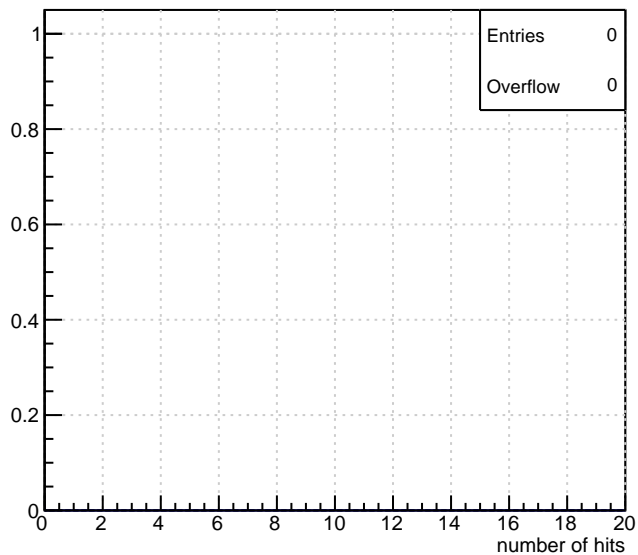
Number of Hits x-projection (connected)



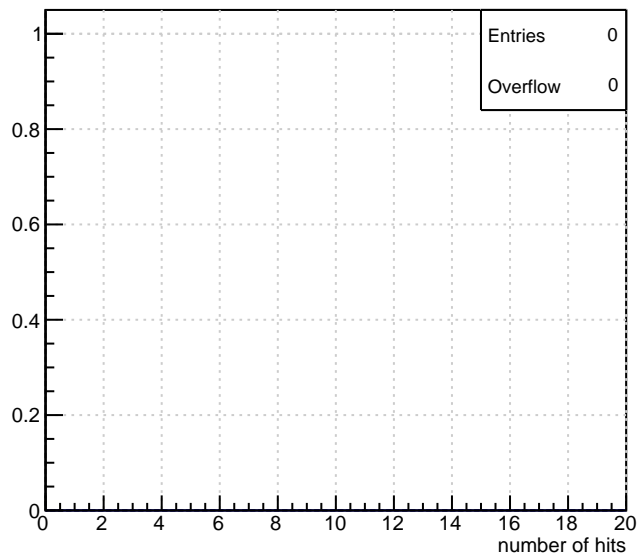
Number of Hits y-projection (connected)



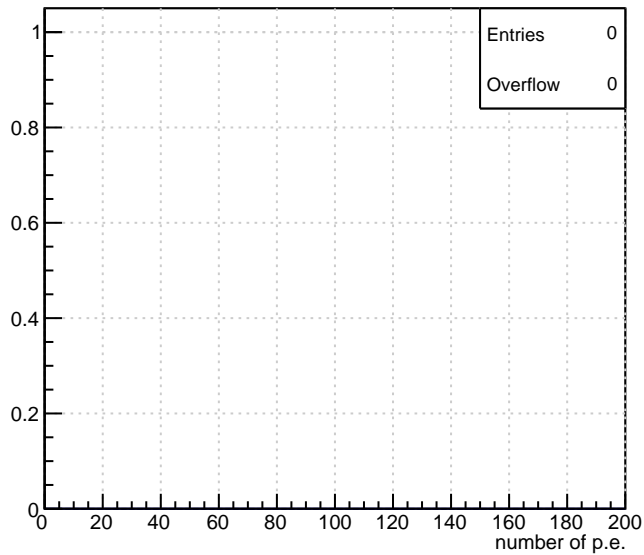
Number of Hits x-projection (unconnected)



Number of Hits y-projection (unconnected)



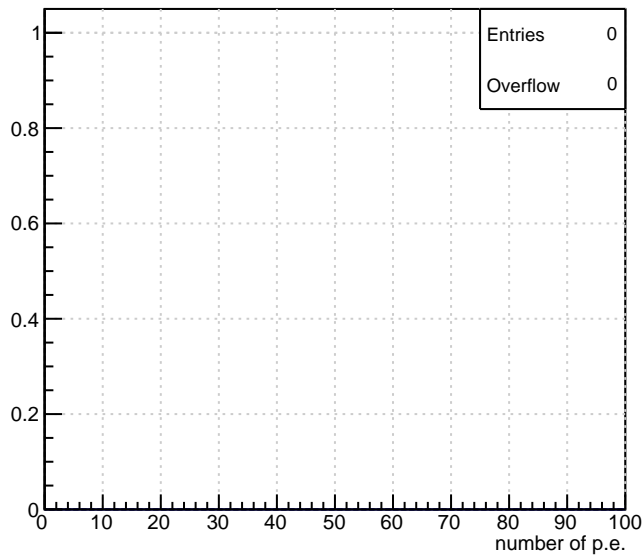
Sum of p.e. (ADC trigger) (connected)



Sum of Time over Threshold (TDC trigger) (connected)



Mean of p.e. (ADC trigger) (connected)



Mean of Time over Threshold (TDC trigger) (connected)



Sum of p.e. (ADC trigger) (unconnected)



Sum of Time over Theshold (TDC trigger) (unconnected)



Mean of p.e. (ADC trigger) (unconnected)



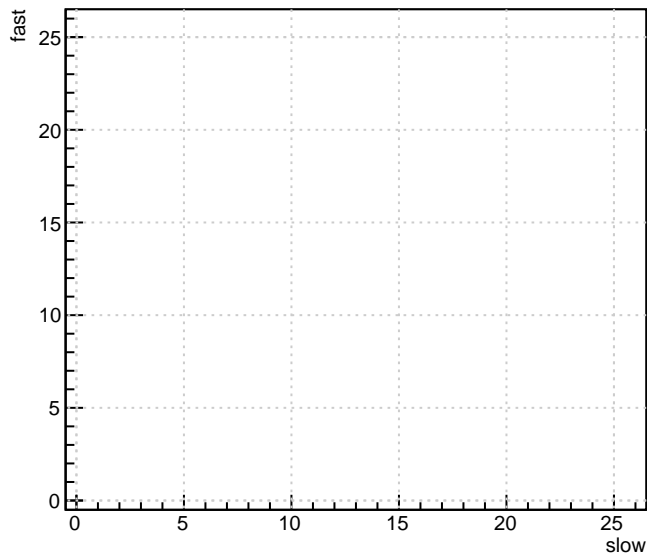
Mean of Time over Theshold (TDC trigger) (unconnected)



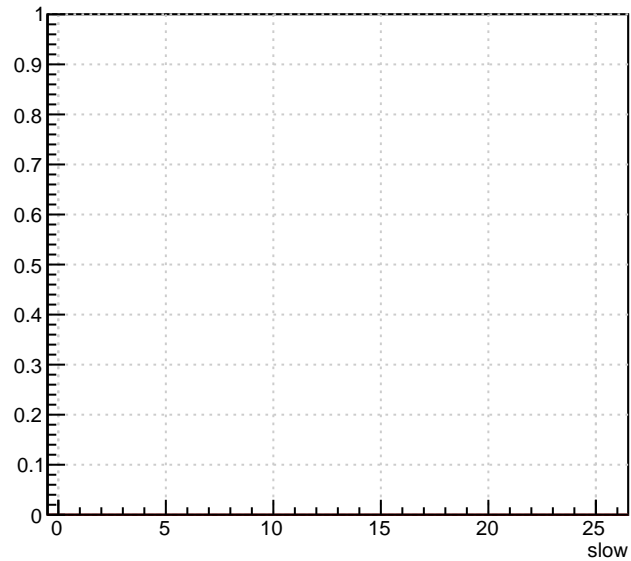
angle - efficiency map



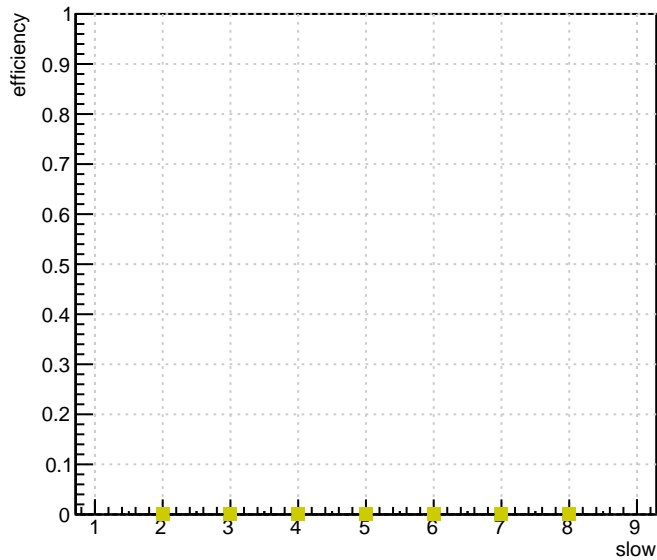
efficiency of each spot



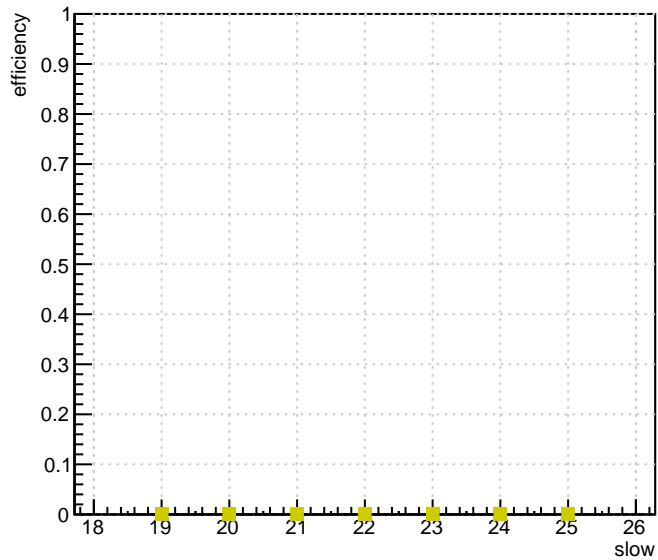
efficiency of slow spot



first half



latter half



Muon momentum (connected events)



momentum dependence of efficiency



Muon momentum (inefficiency events)

