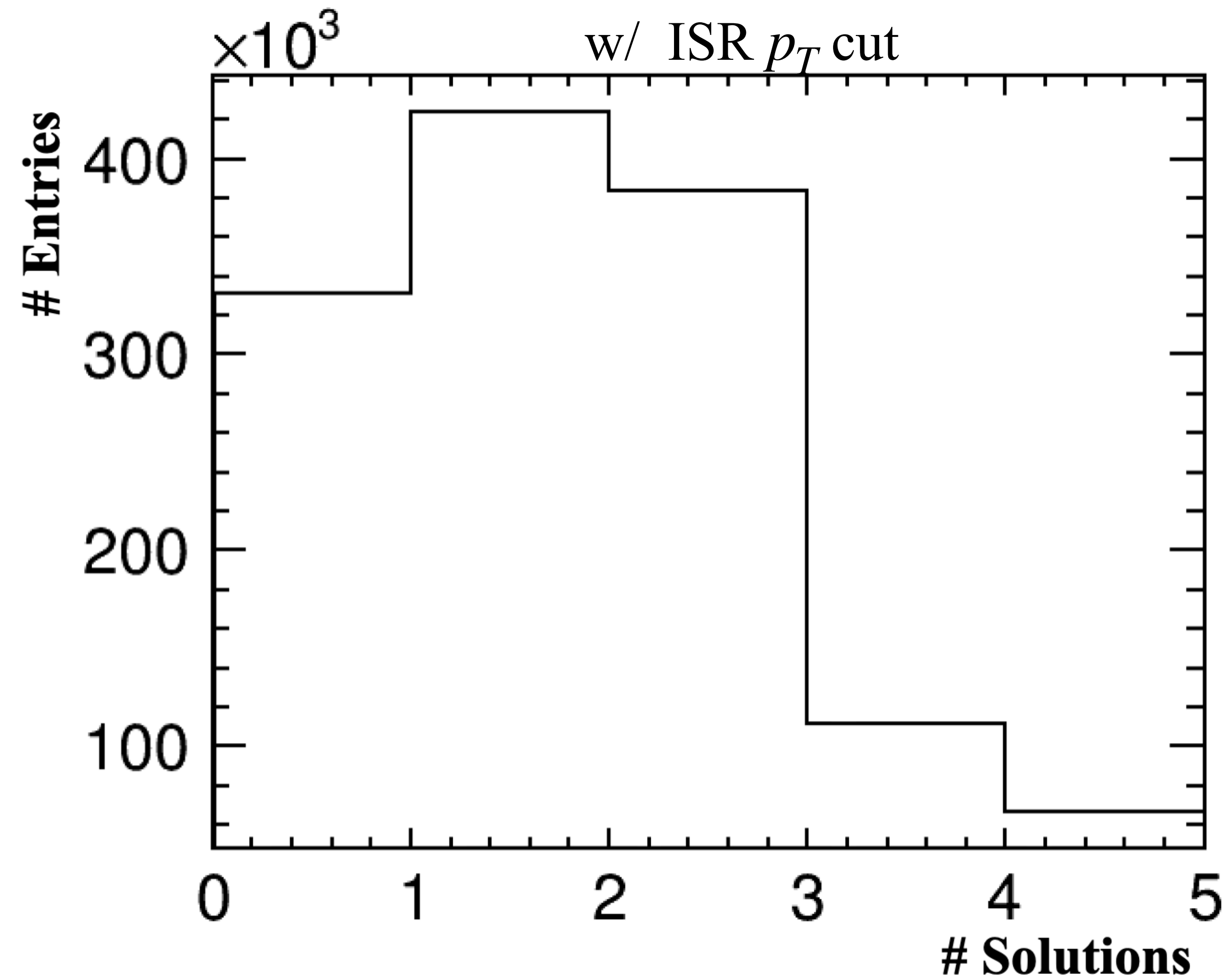
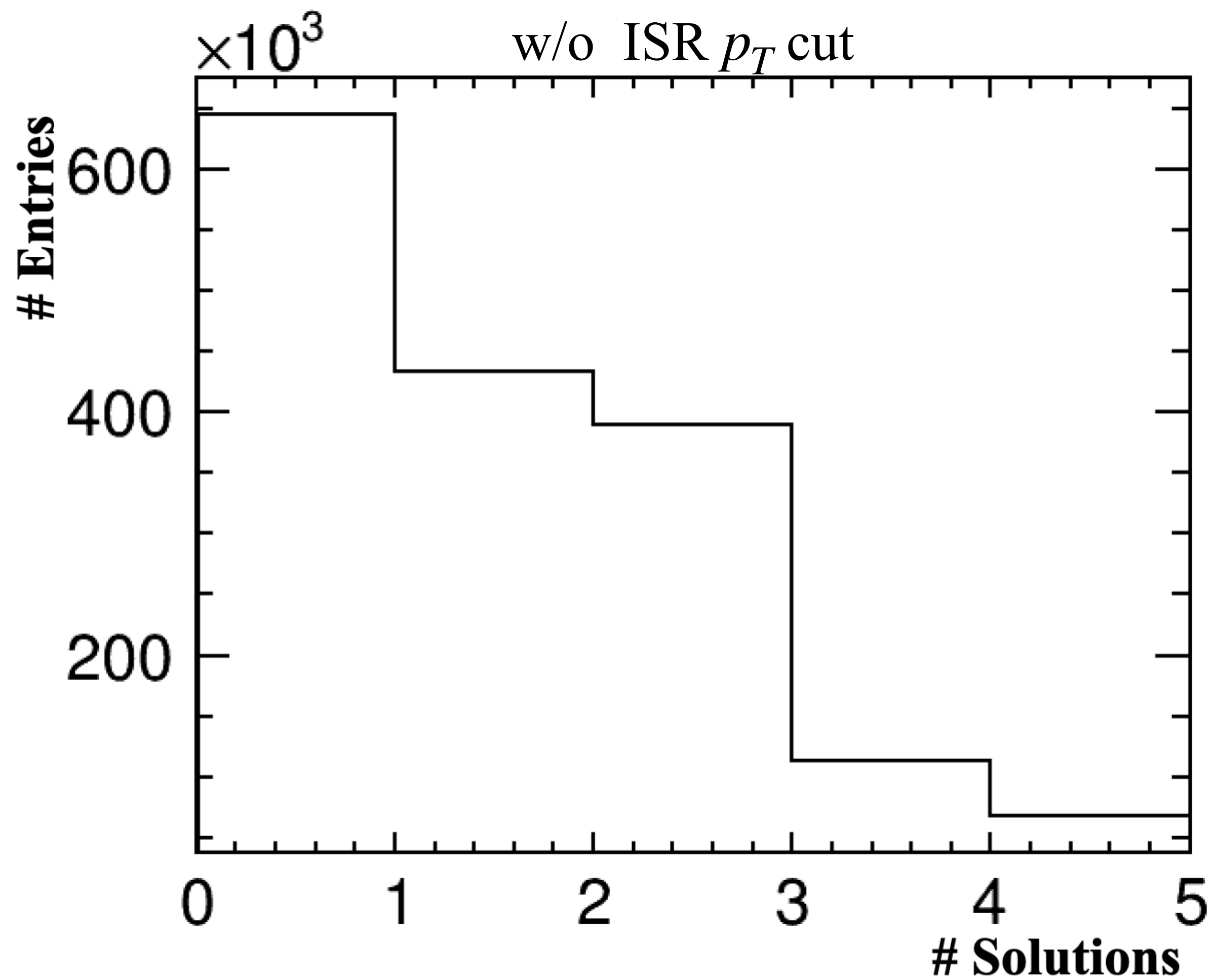


Status report

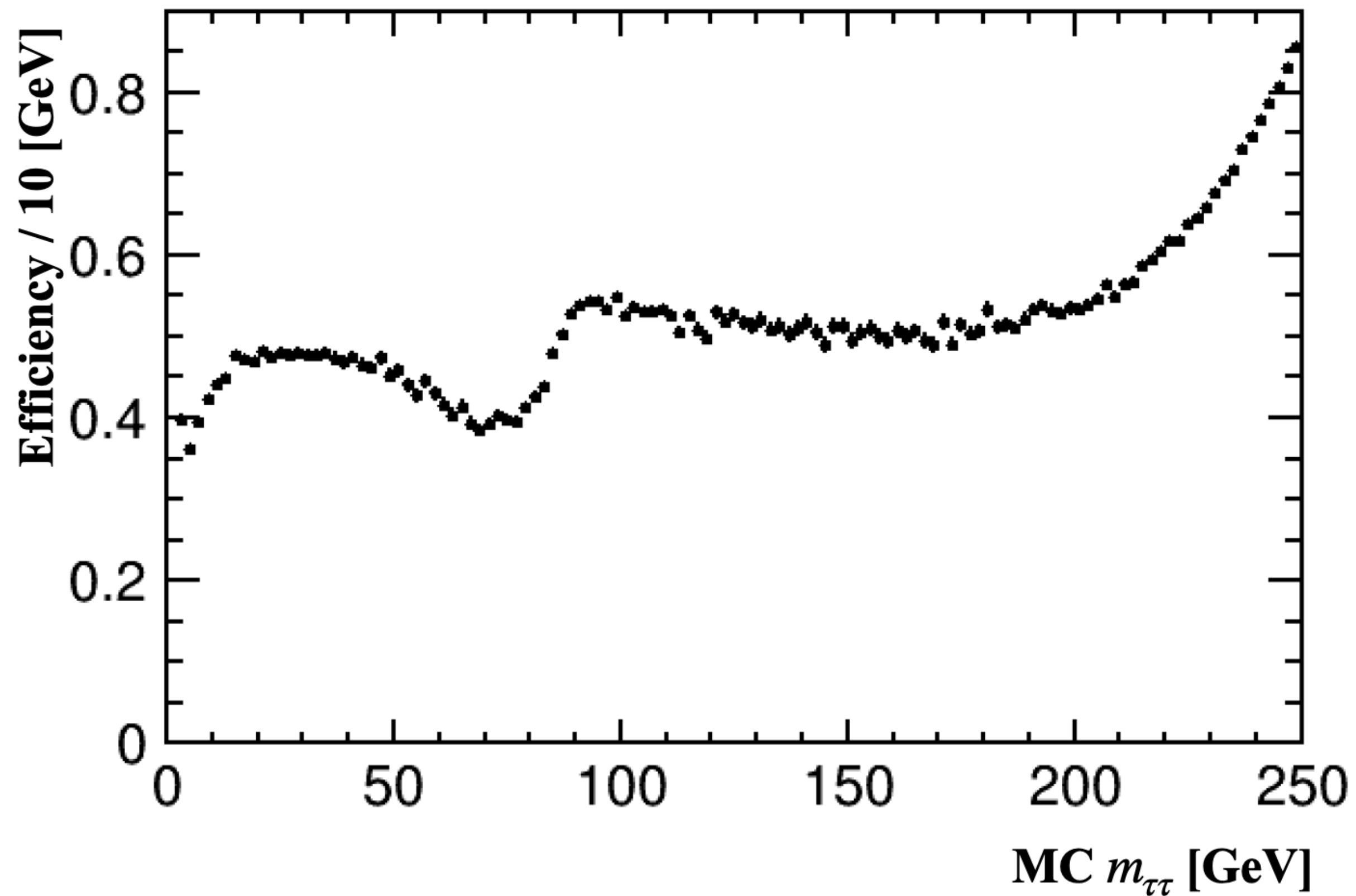
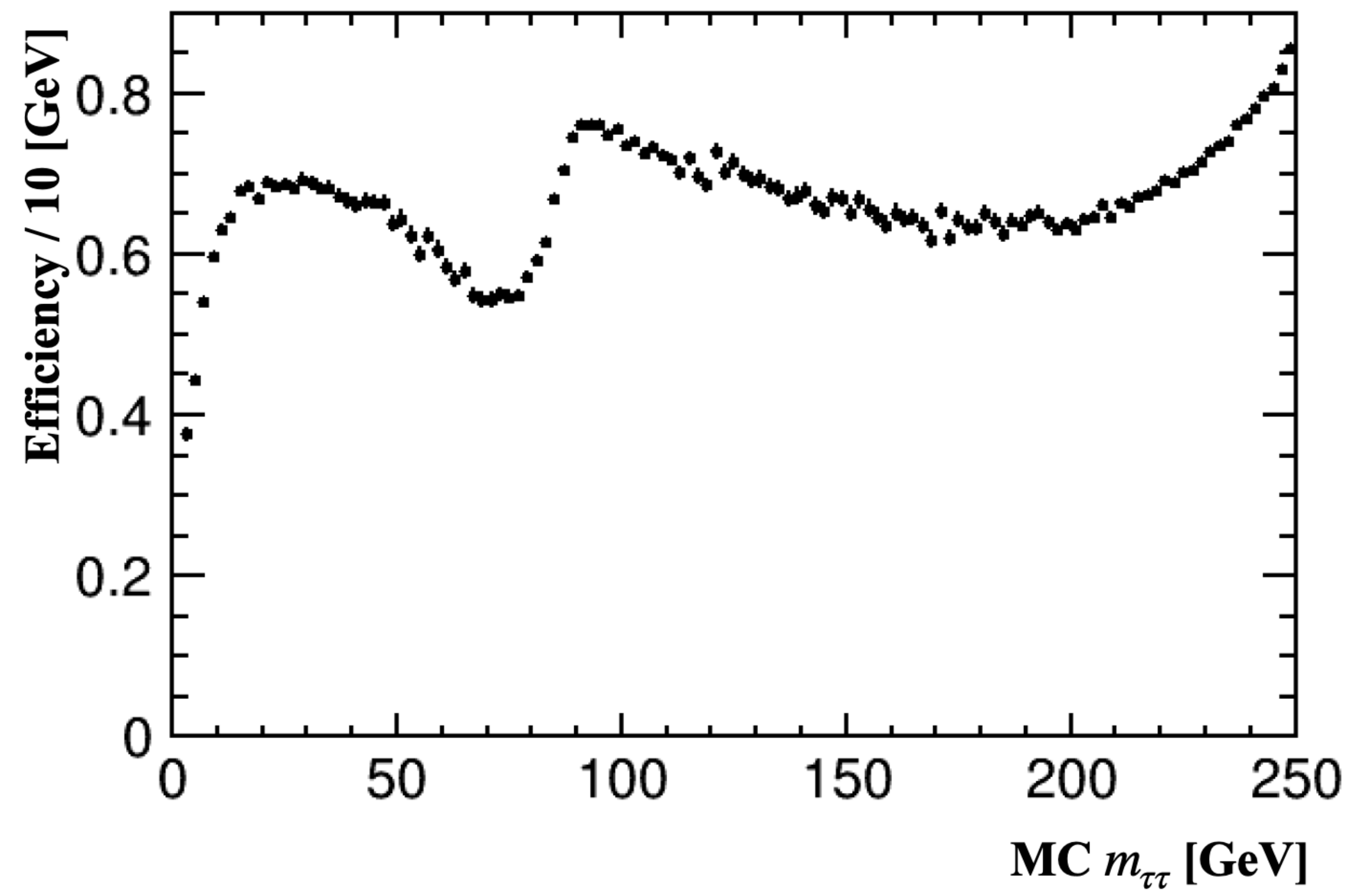
- JPS meeting
- Snowmass paper

[arXiv:2203.07668](https://arxiv.org/abs/2203.07668)



Only events whose ISR has small transverse momentum < 5 GeV

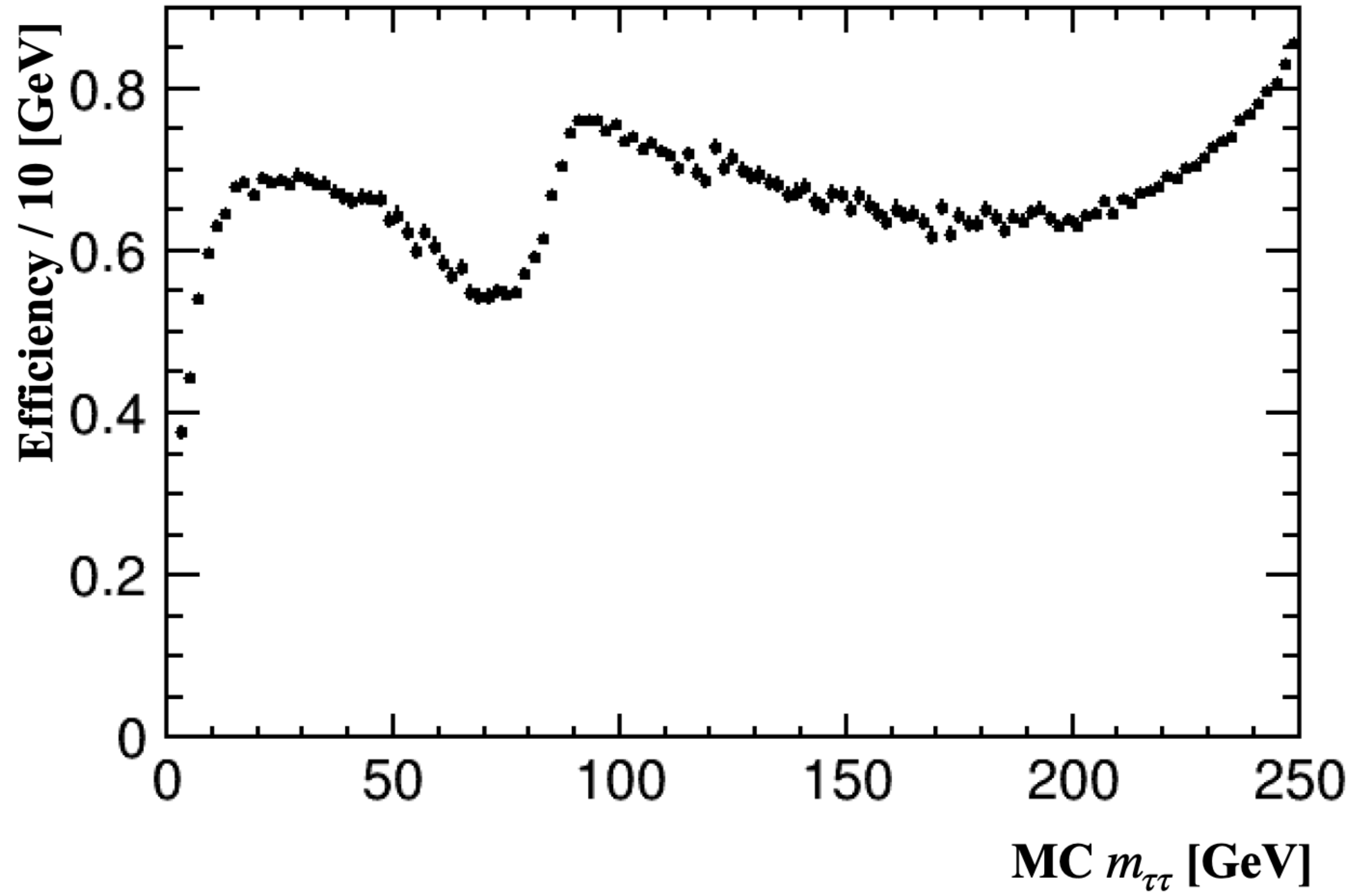
Half of the inefficiency is due to large missing transverse momentum

w/o ISR p_T cutw/ ISR p_T cut

Only events whose ISR has small transverse momentum < 5 GeV

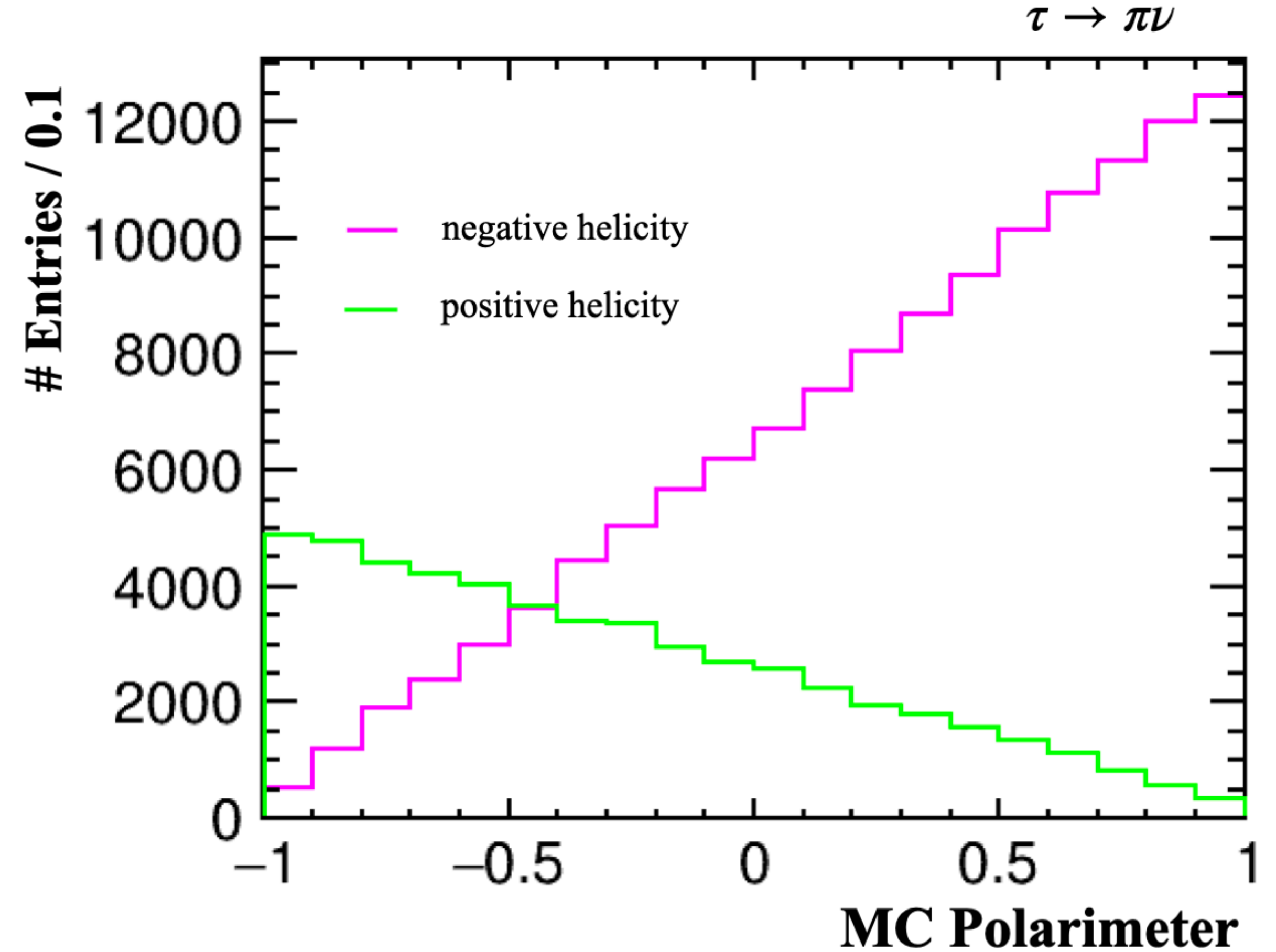
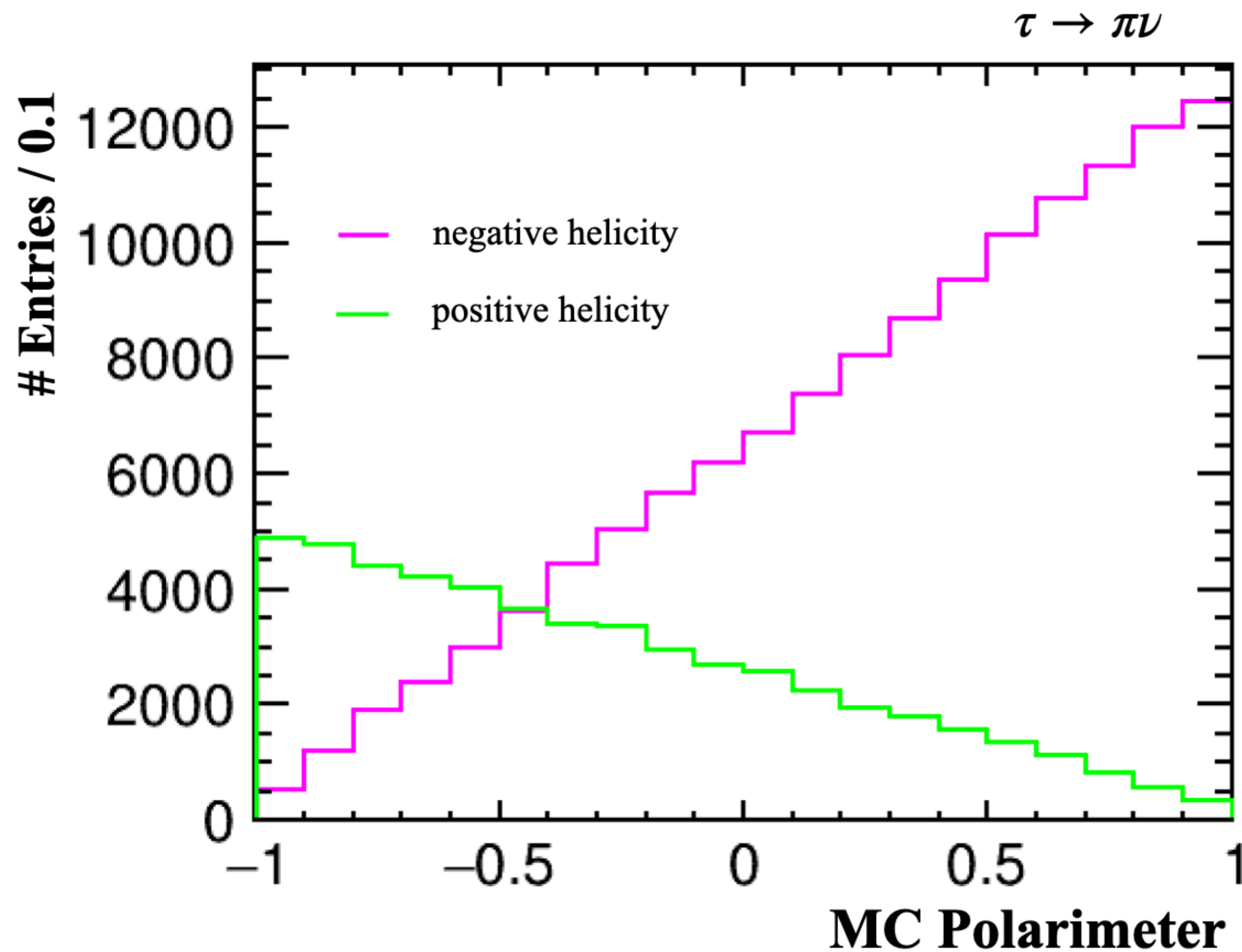
around 80% at high $m_{\tau\tau}$, and remains in the range 60 – 70% down to very small $m_{\tau\tau} \sim 10$ GeV

The shape around the Z-pole



Not yet fully understood

We have maximally 2 possible solutions per tau



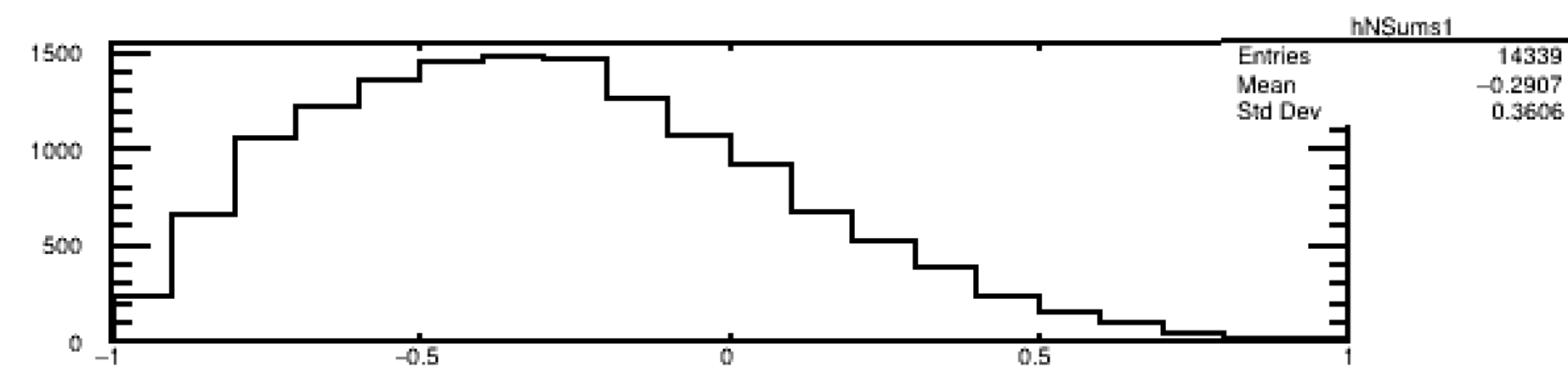
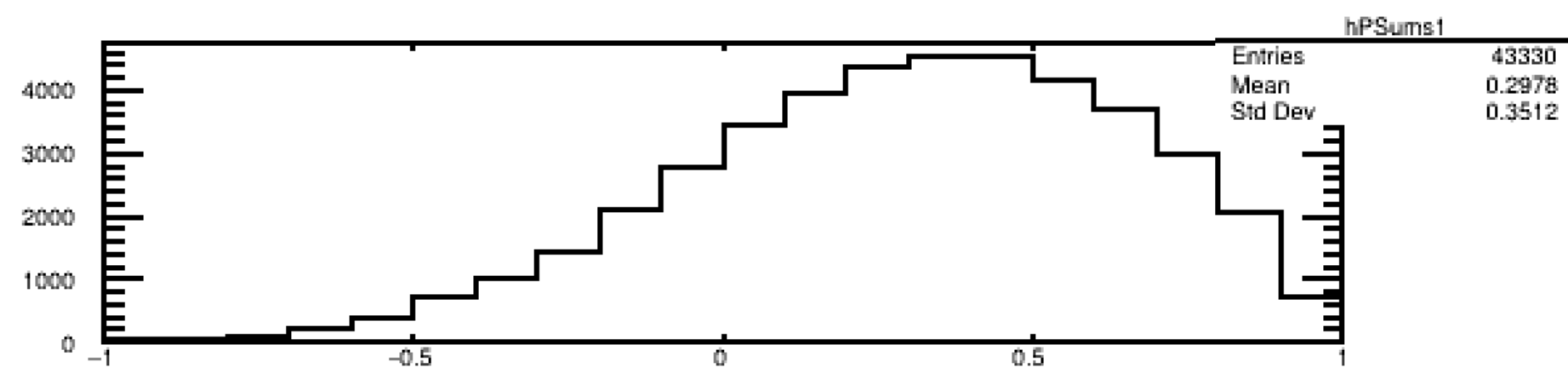
How to choose “Best solution” ?

We take 2 entries from each polarimeter distribution, and averaged them

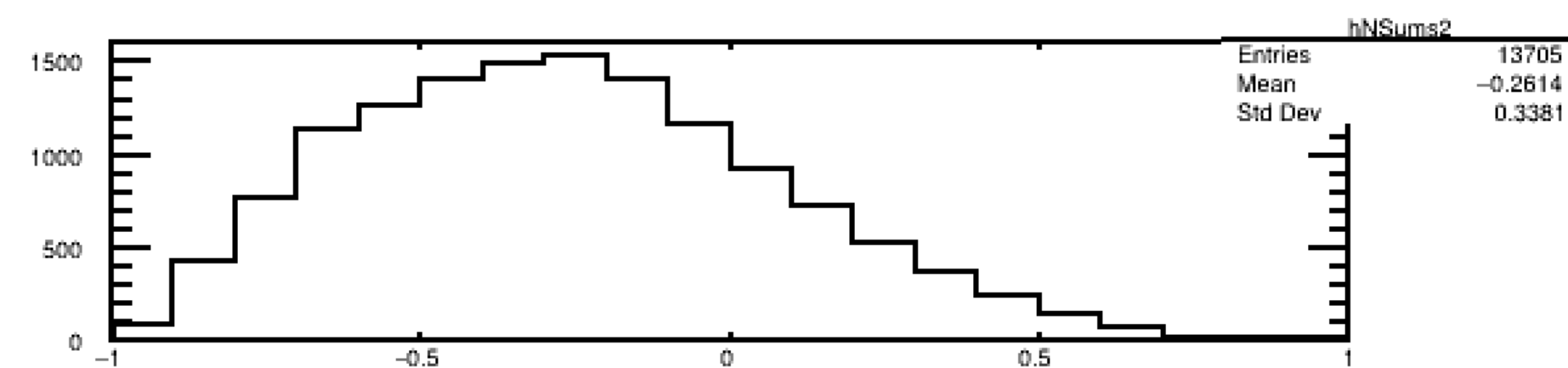
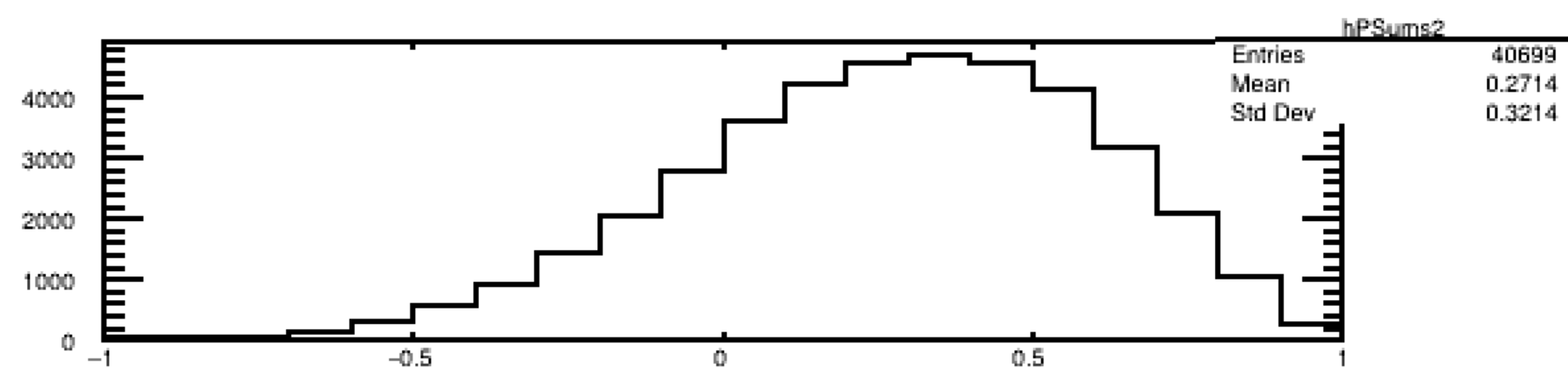
-ve

+ve

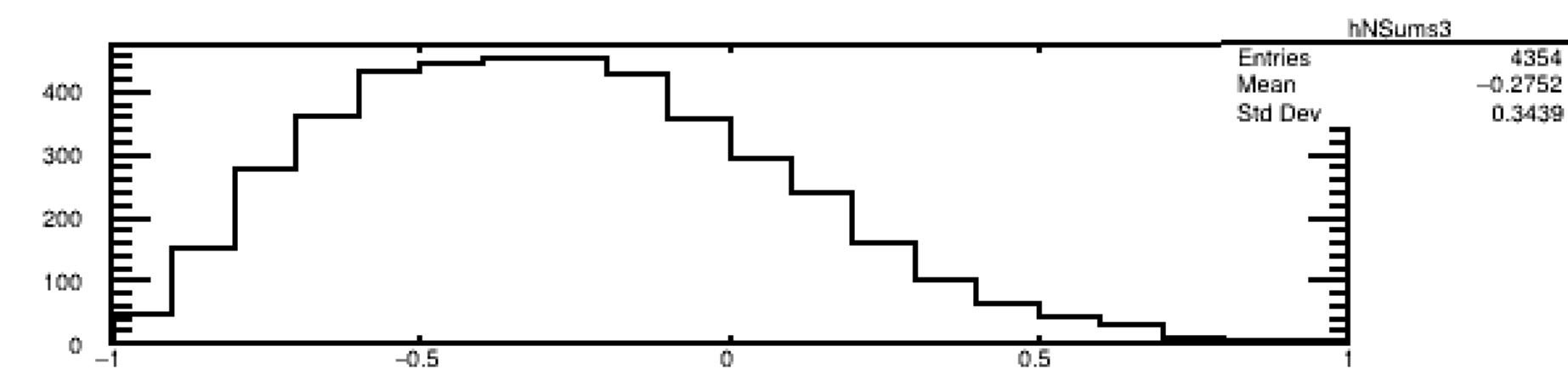
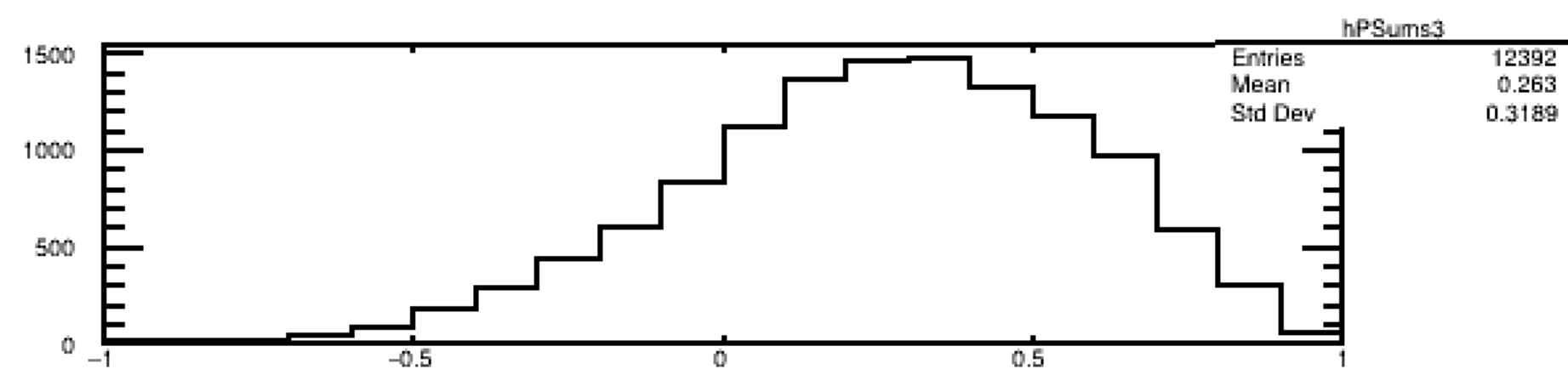
nsol==1



nsol==2



nsol==3



nsol==4

