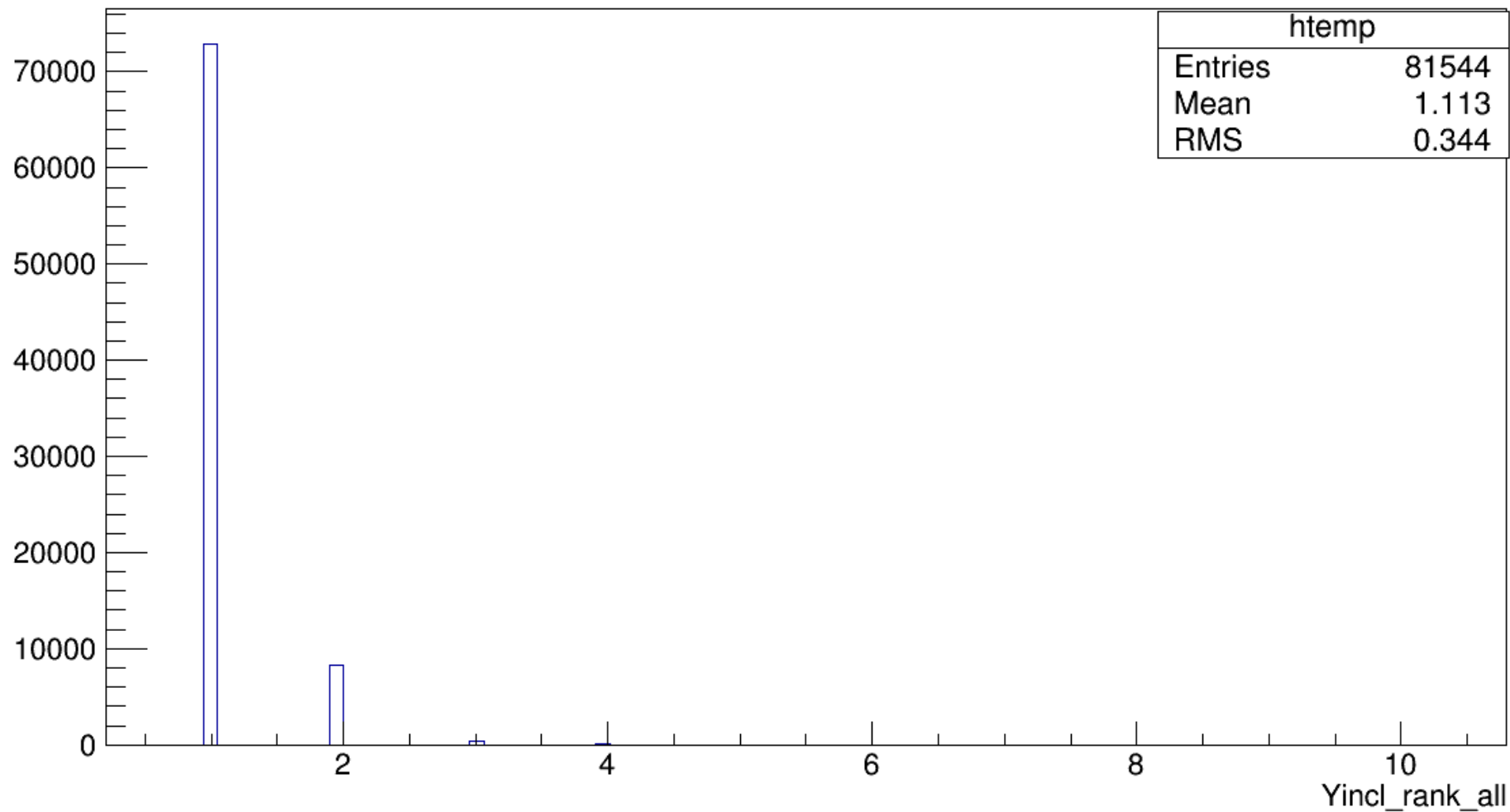


A quick check of incl. Recon.

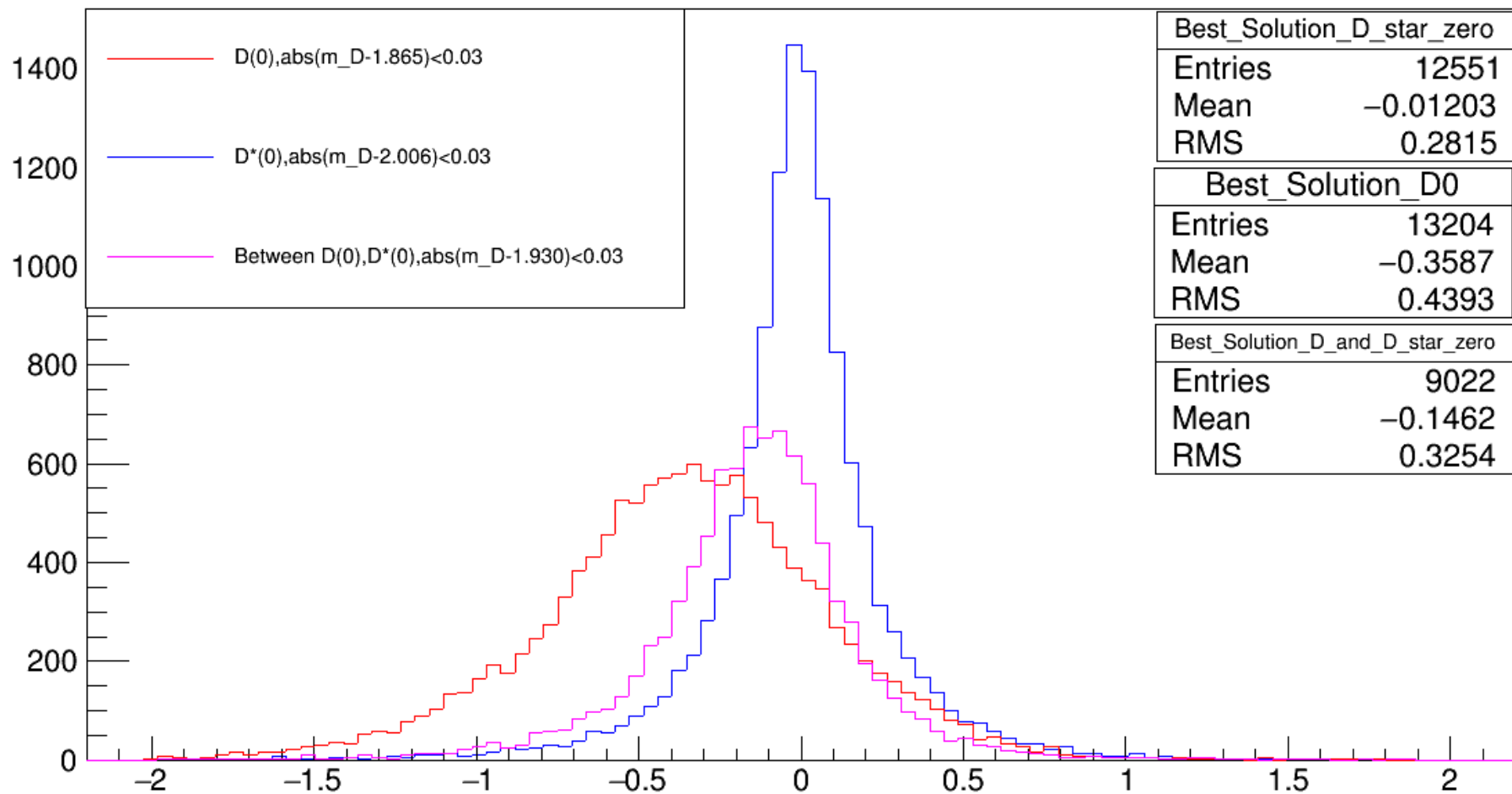
400,000 sig. events with excl. generated tag side
 $B^+ \rightarrow K^+ \tau^- \mu^+$

17 Oct. 2023

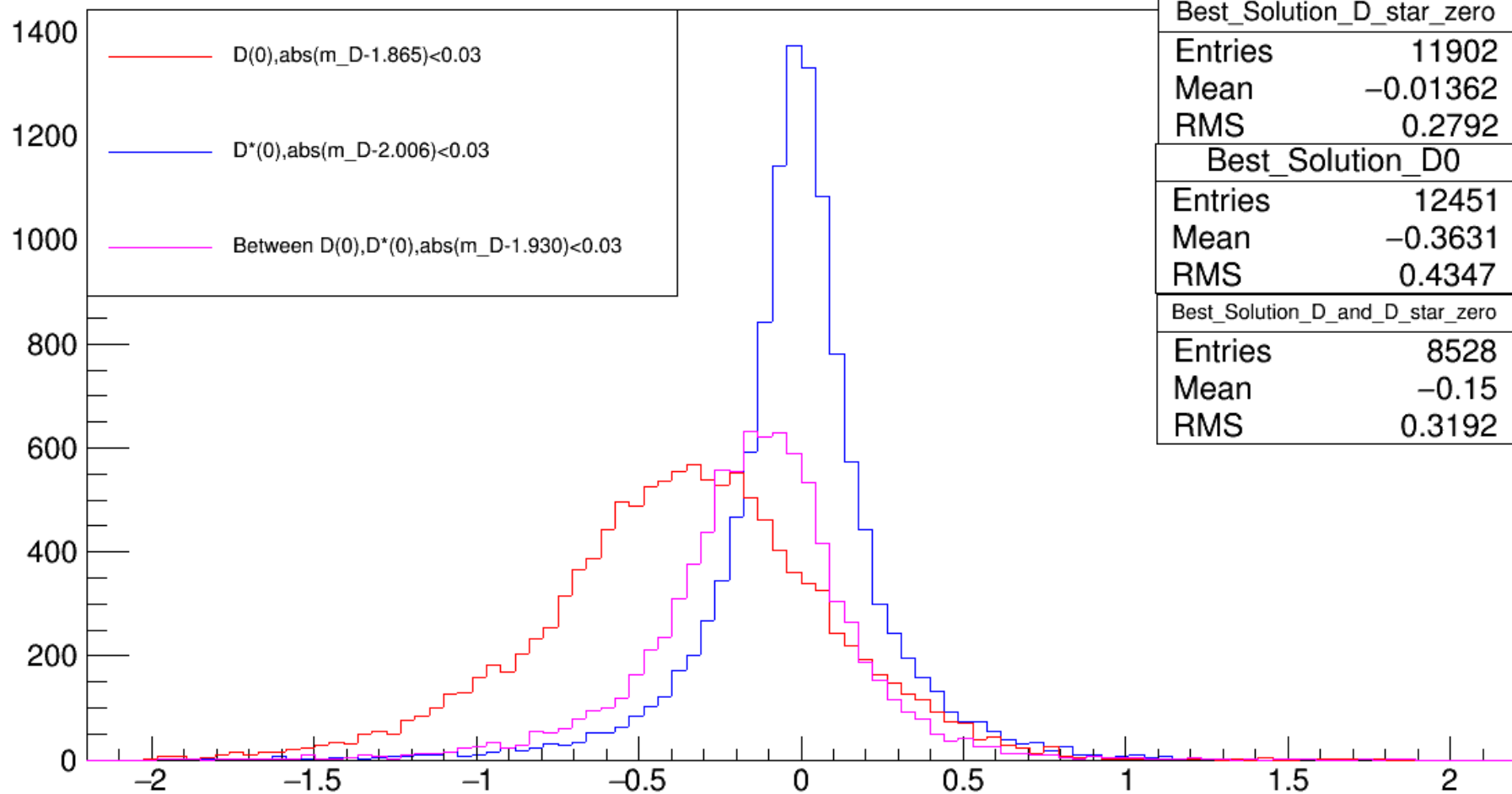
Yincl_rank_all



Best Sum of Cosine Angles for $D(0), D^*(0)$ and between $D(0), D^*(0)$ without $Y_{incl_rank_all}=1$



Best Sum of Cosine Angles for $D(0), D^*(0)$ and between $D(0), D^*(0)$ with $Y_{incl_rank_all}==1$



Thanks

Tag side decay chain

```
# Decay B-tag
Decay B-tag
0.5 D*0      e-   anti-nu_e  PHOTOS  HQET2  1.3  1.18  0.71;
0.5 D*0      mu-  anti-nu_mu  PHOTOS  HQET2  1.3  1.18  0.71;
Enddecay
CDecay B+tag

# Decay D*0
Decay D*0
0.5 D0       gamma          VSP_PWAVE; #[Reconstructed PDG2011]
0.5 D0       pi0           VSS; #[Reconstructed PDG2011]
Enddecay
CDecay anti-D*0

#Decay D0
Decay D0
1.0 K-       pi+          PHSP;
Enddecay
CDecay anti-D0
```

m_D

