

Excl. D^* reconstruction

Sample of 100K events

$$B^+ \rightarrow K^+ \tau^- \mu^+$$

$$\tau^- \rightarrow \pi^- \nu_\tau$$

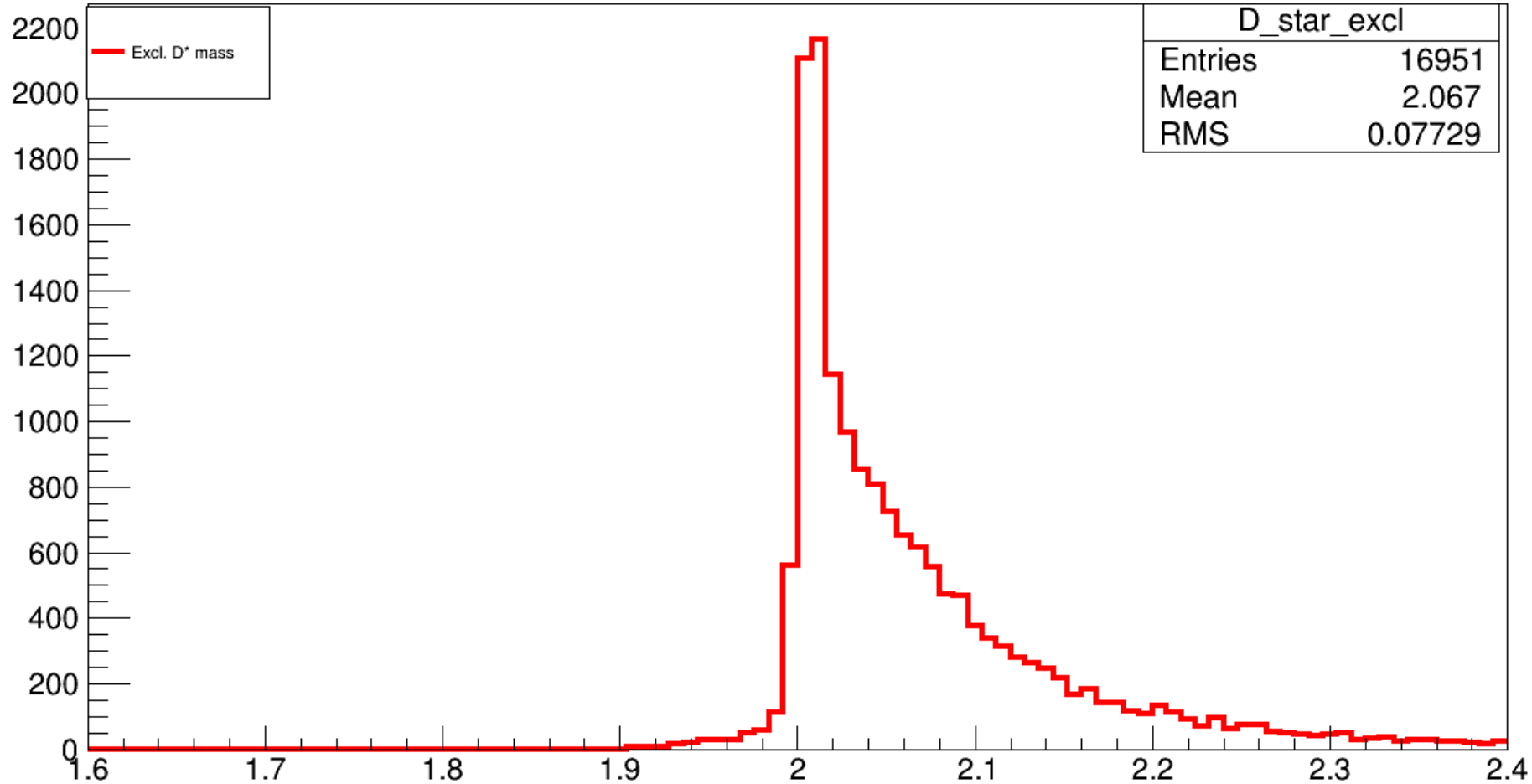
$$B^- \rightarrow D^* \mu^- \bar{\nu}_\mu$$

$$D^* \rightarrow D^0 \pi^0$$

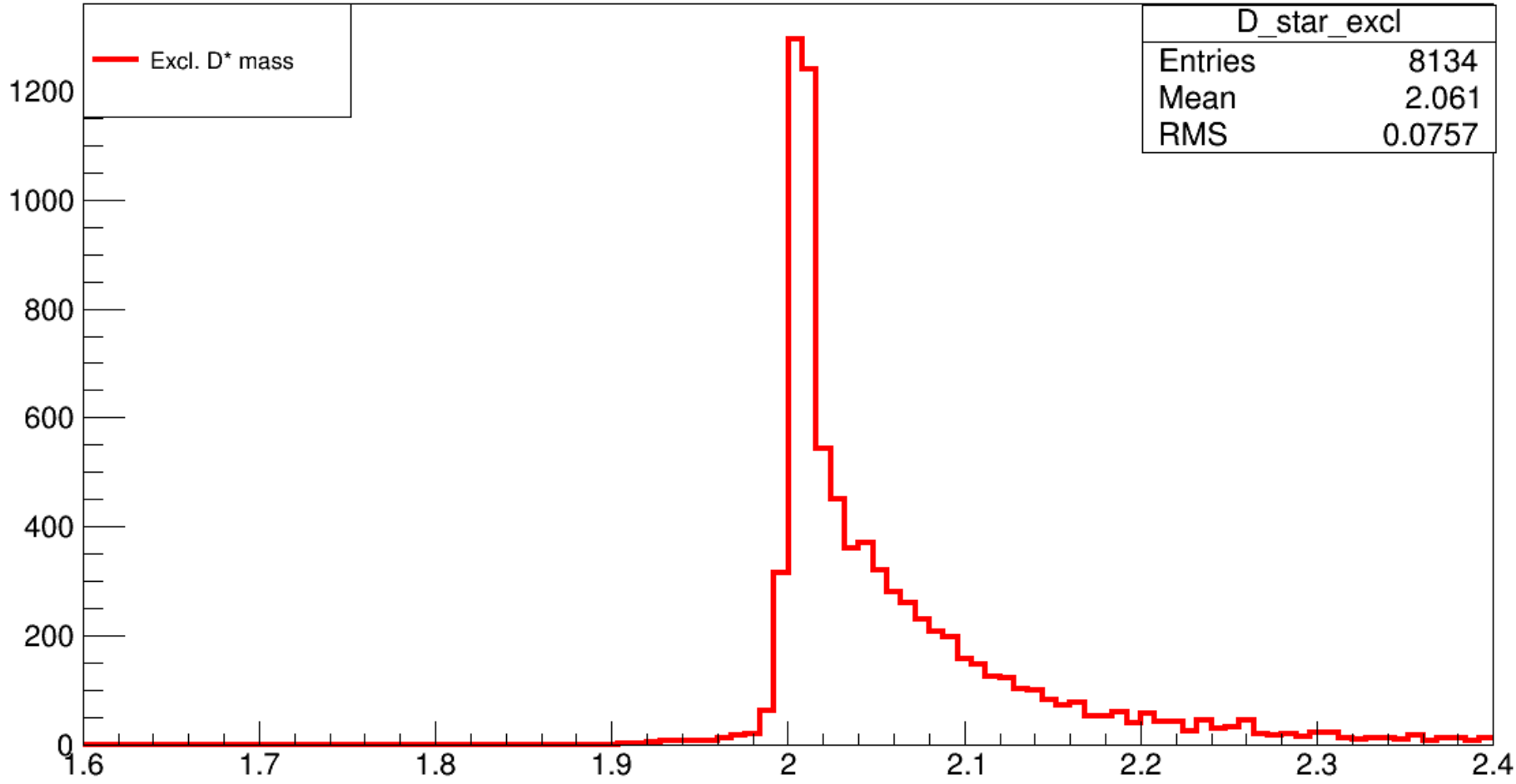
$$D^0 \rightarrow K^- \pi^+$$

26/10/2023

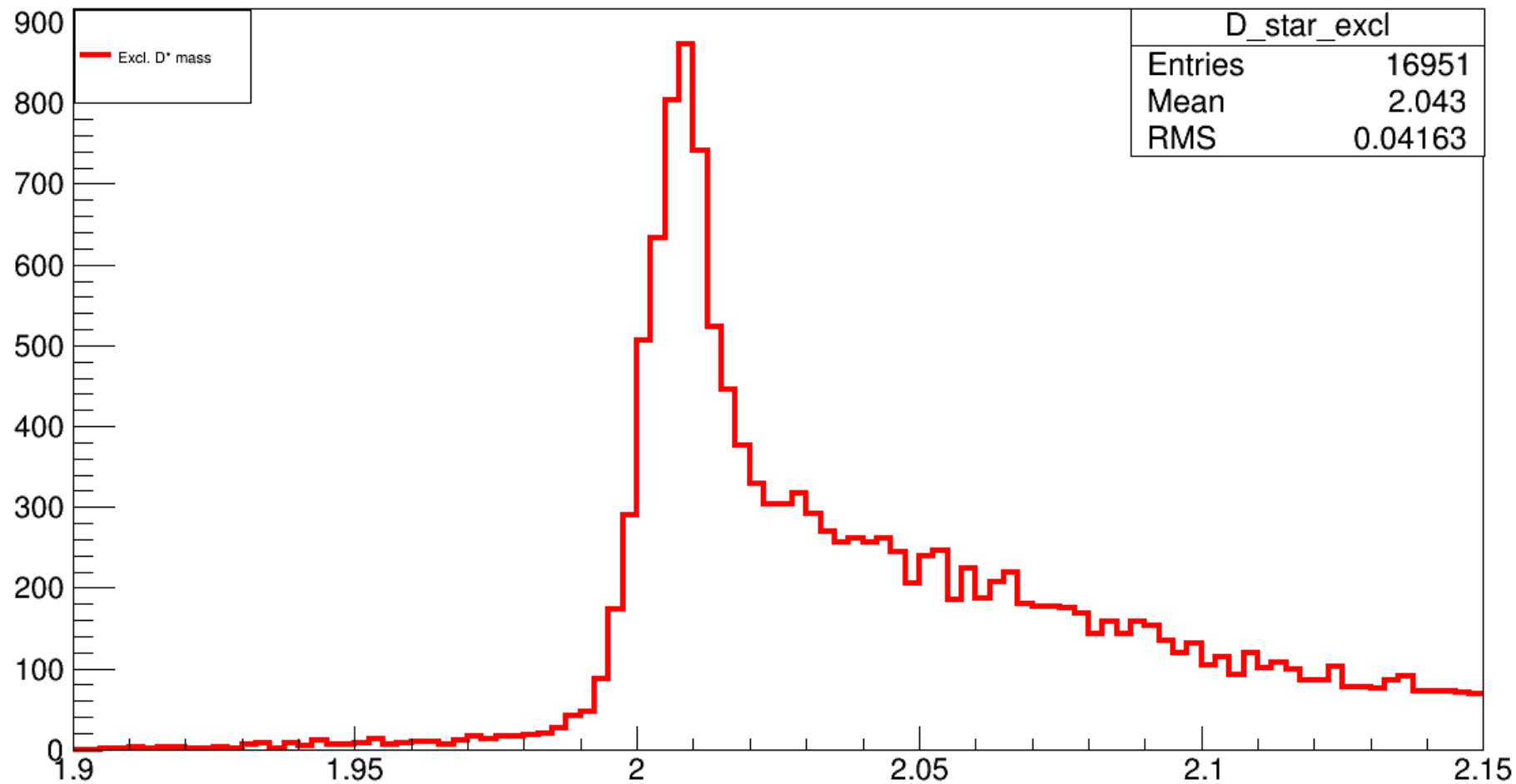
m_{D^*} with all ranks



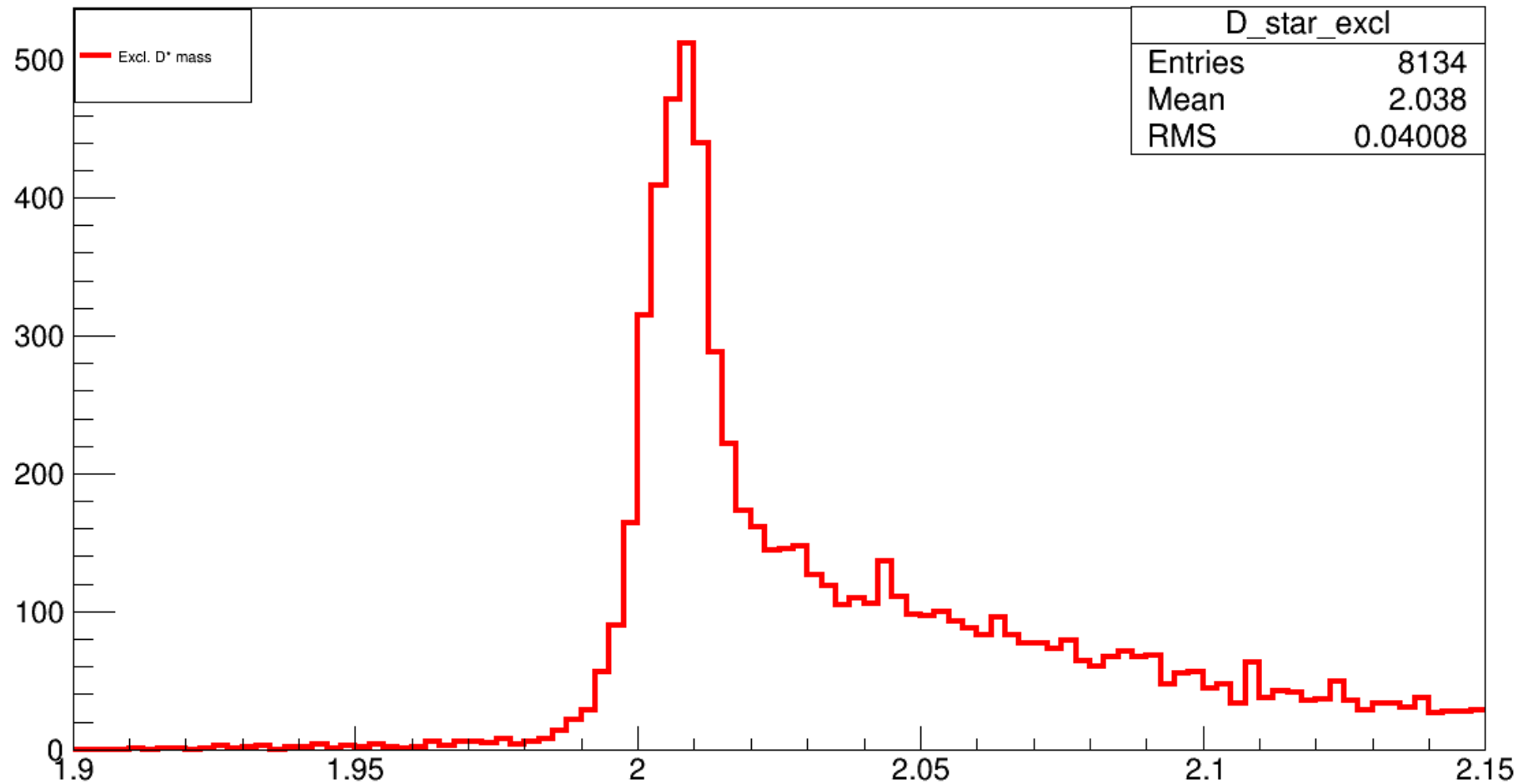
m_D* with rank 1



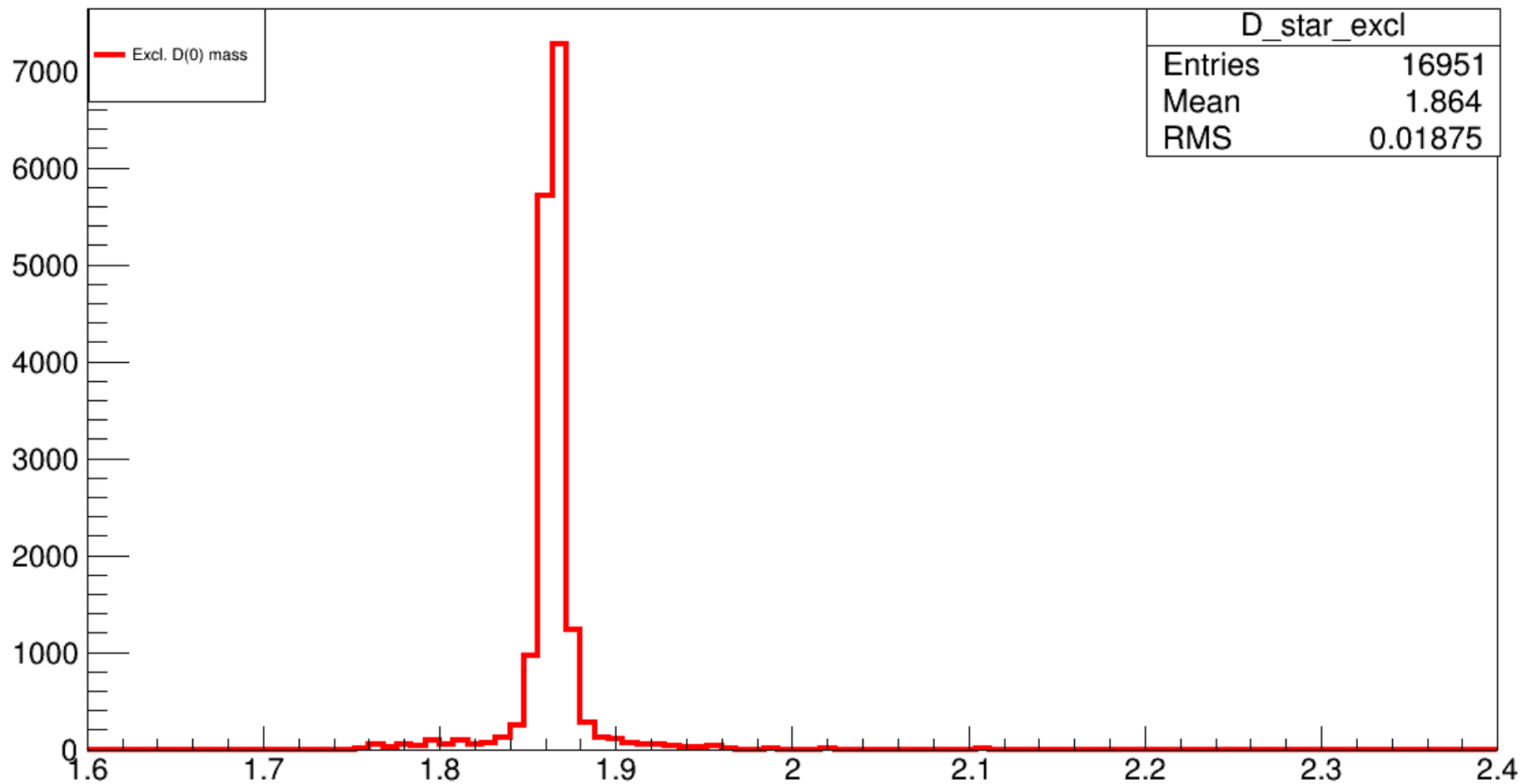
m_{D^*} with all ranks



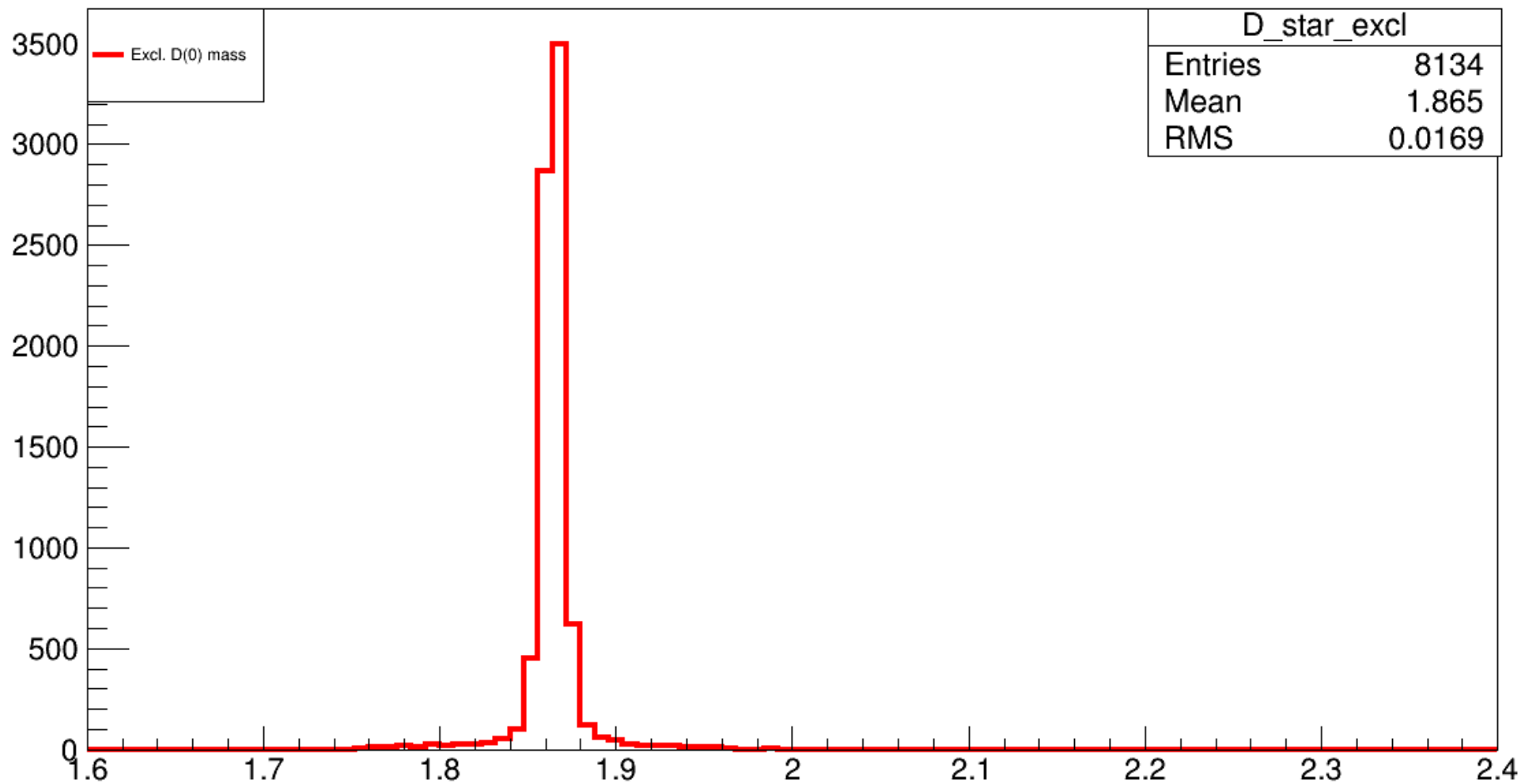
m_{D^*} with rank 1



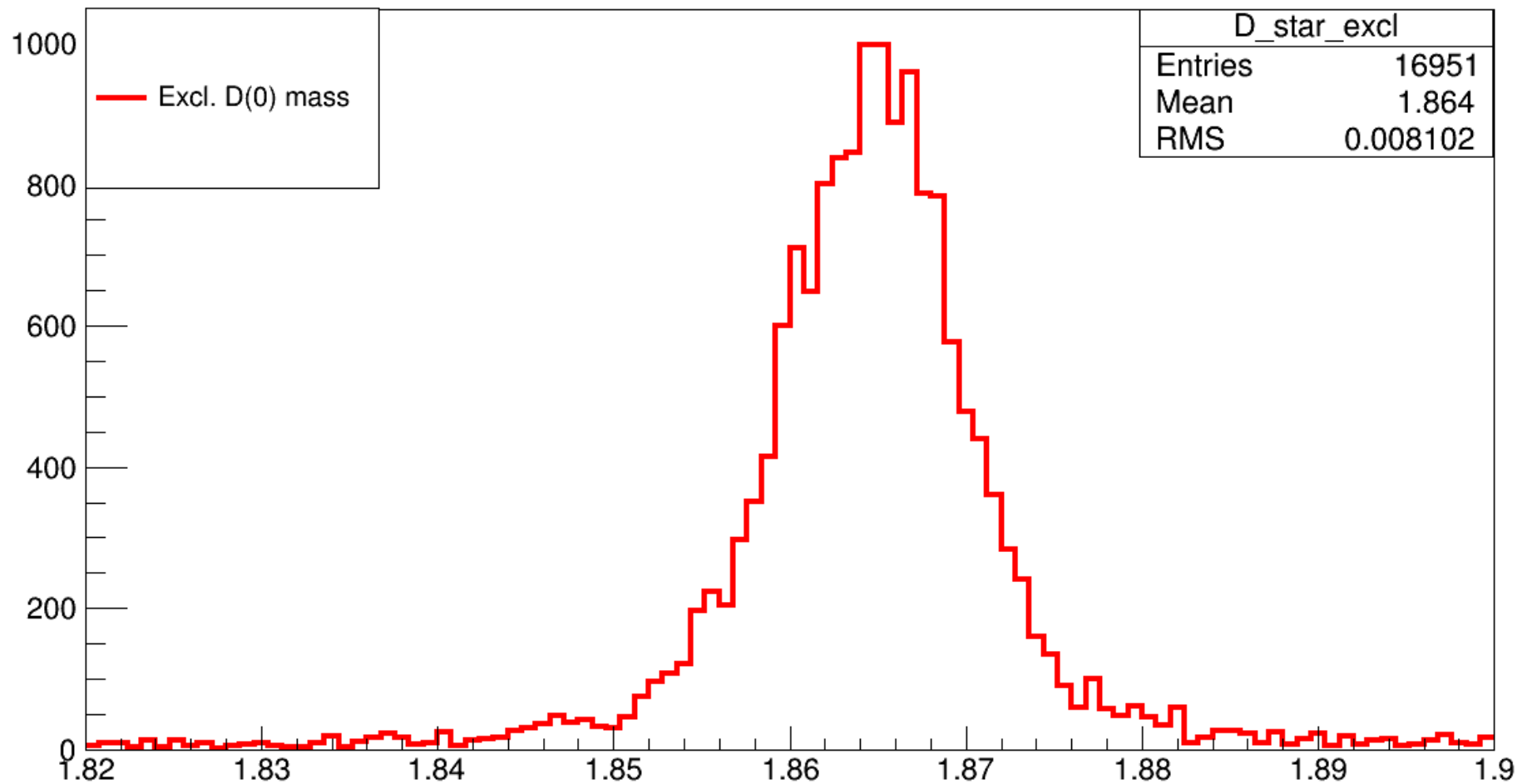
m_D(0) with all ranks



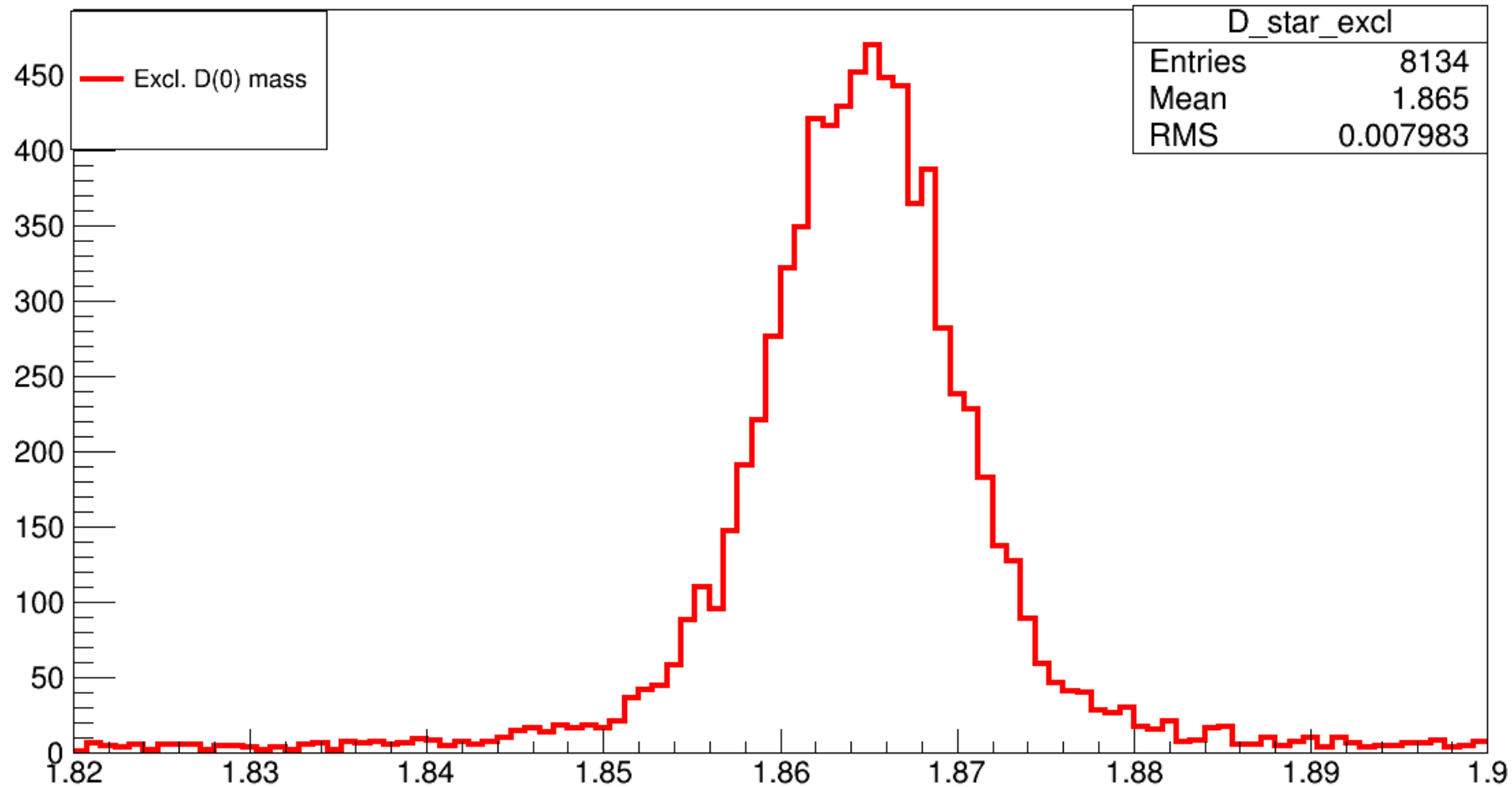
m_D(0) with rank 1



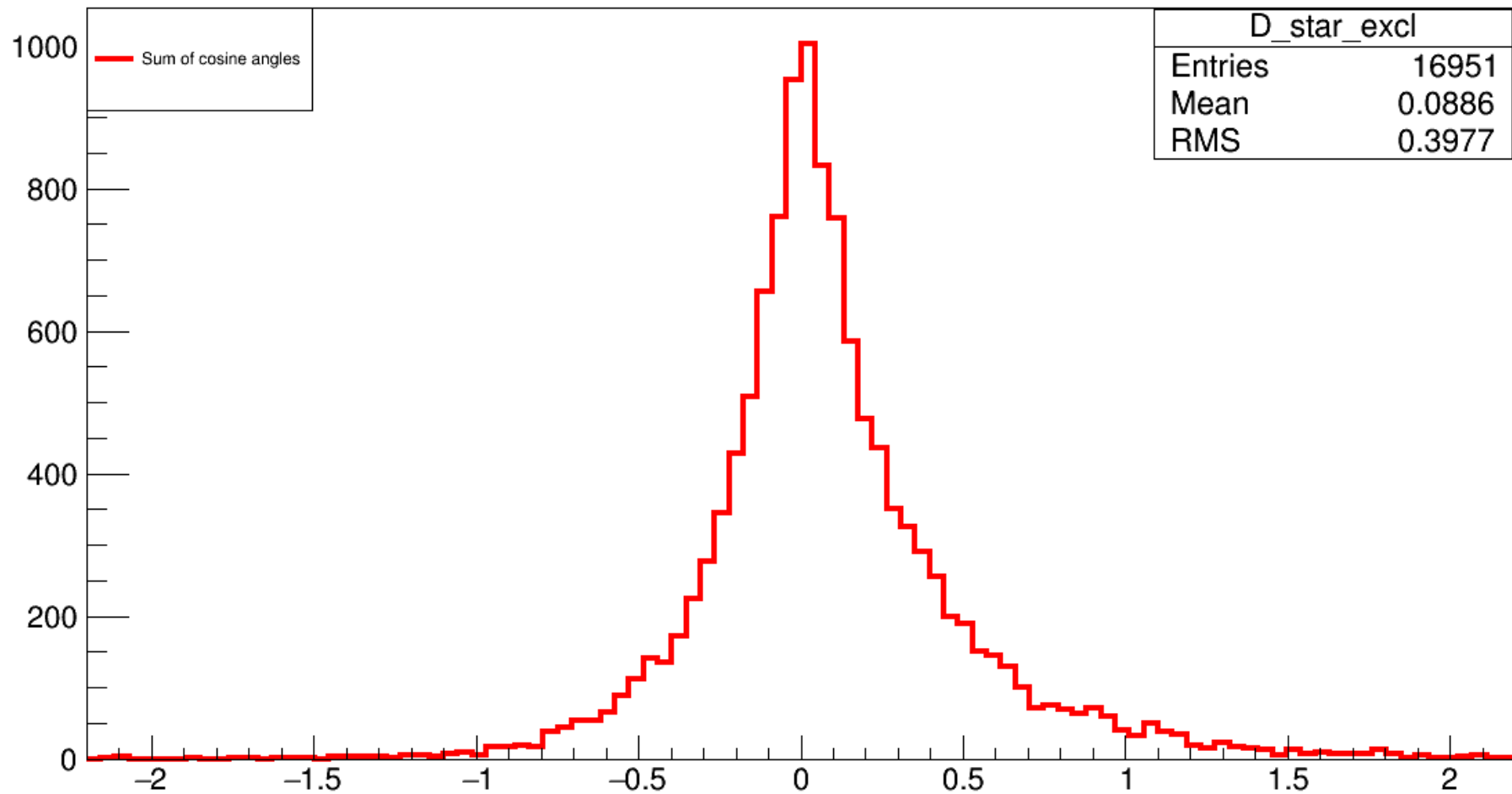
m_D(0) with all ranks



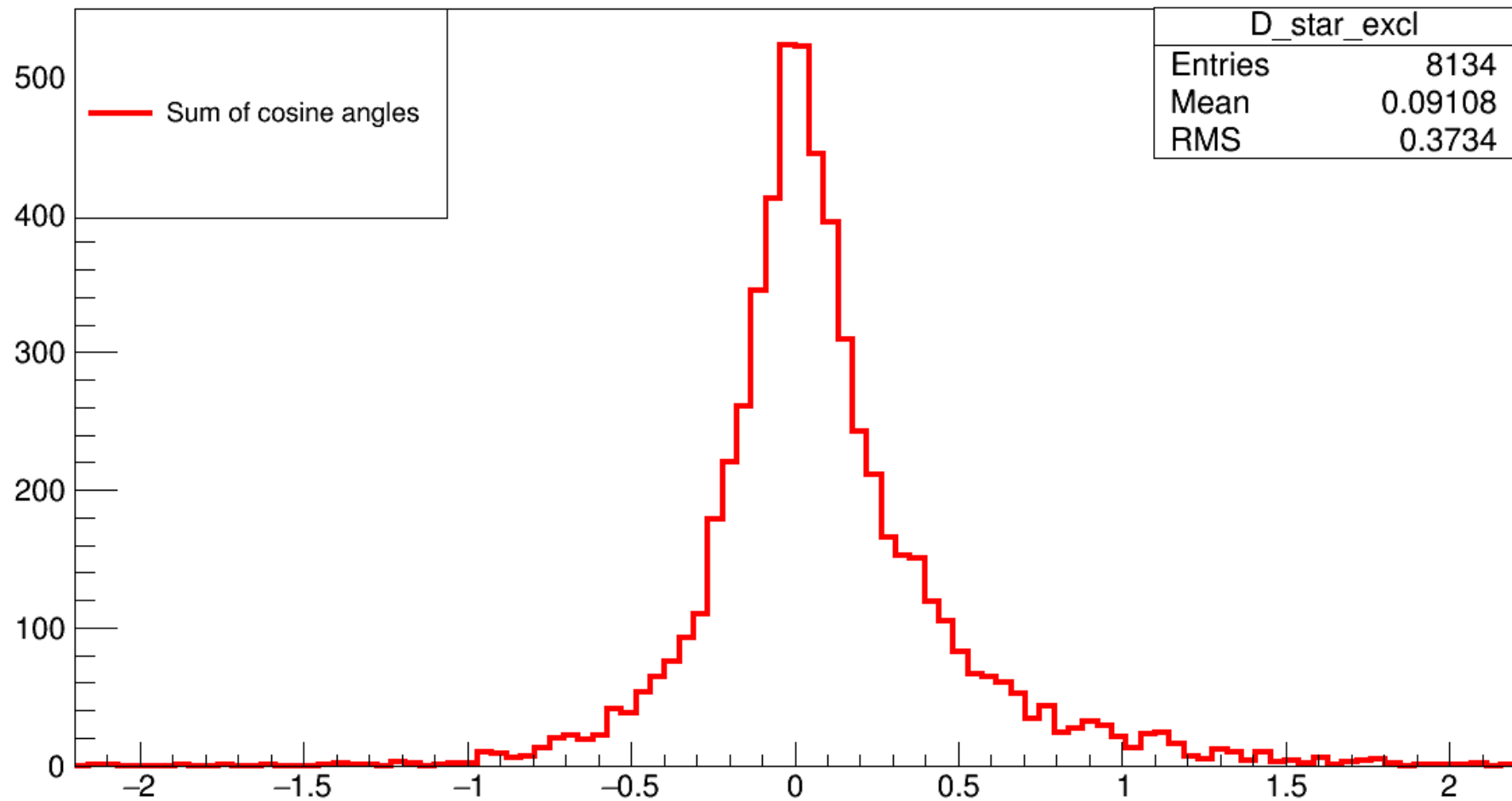
m_D(0) with rank 1



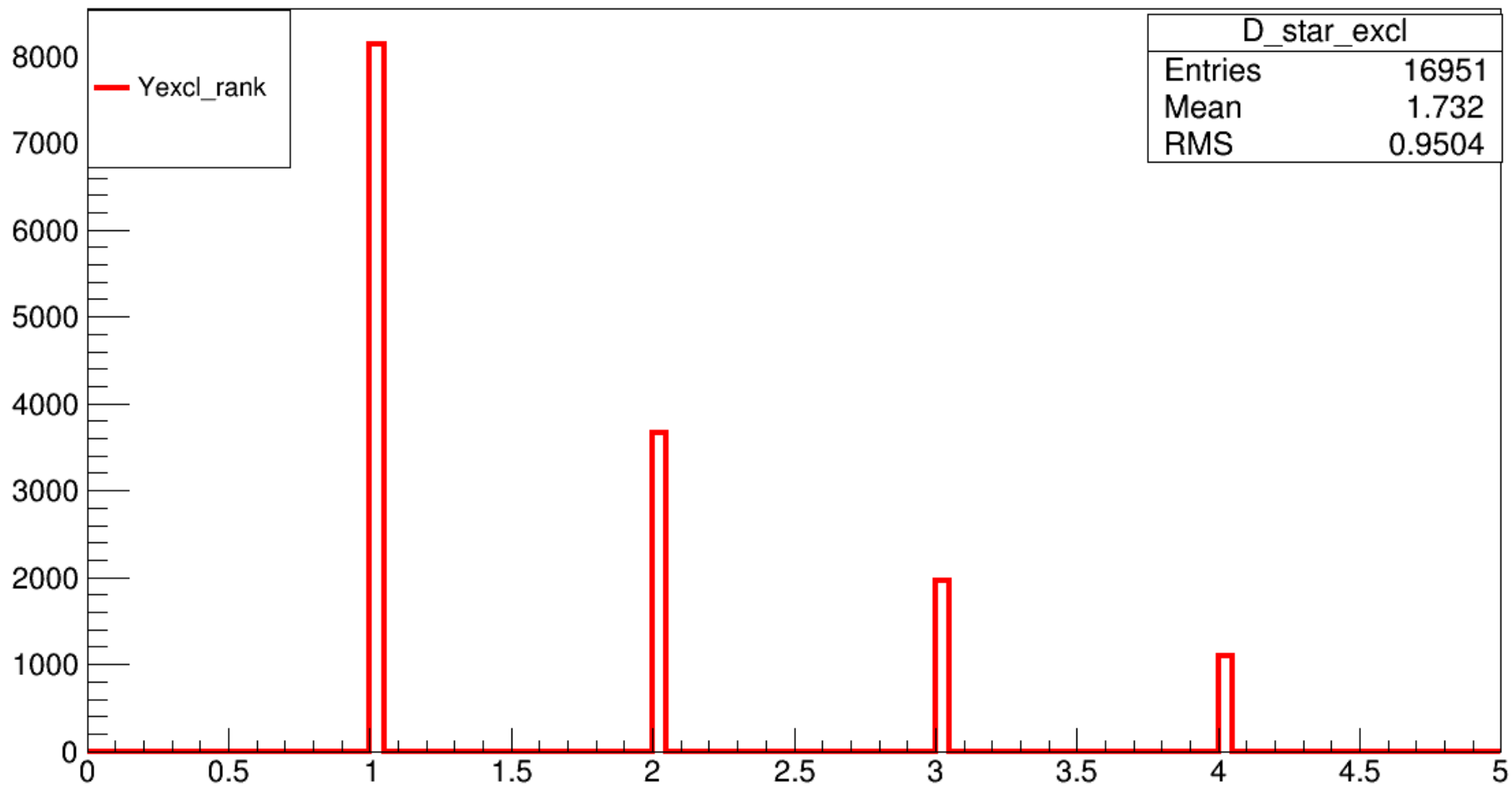
Best sum of cosine angles with all ranks



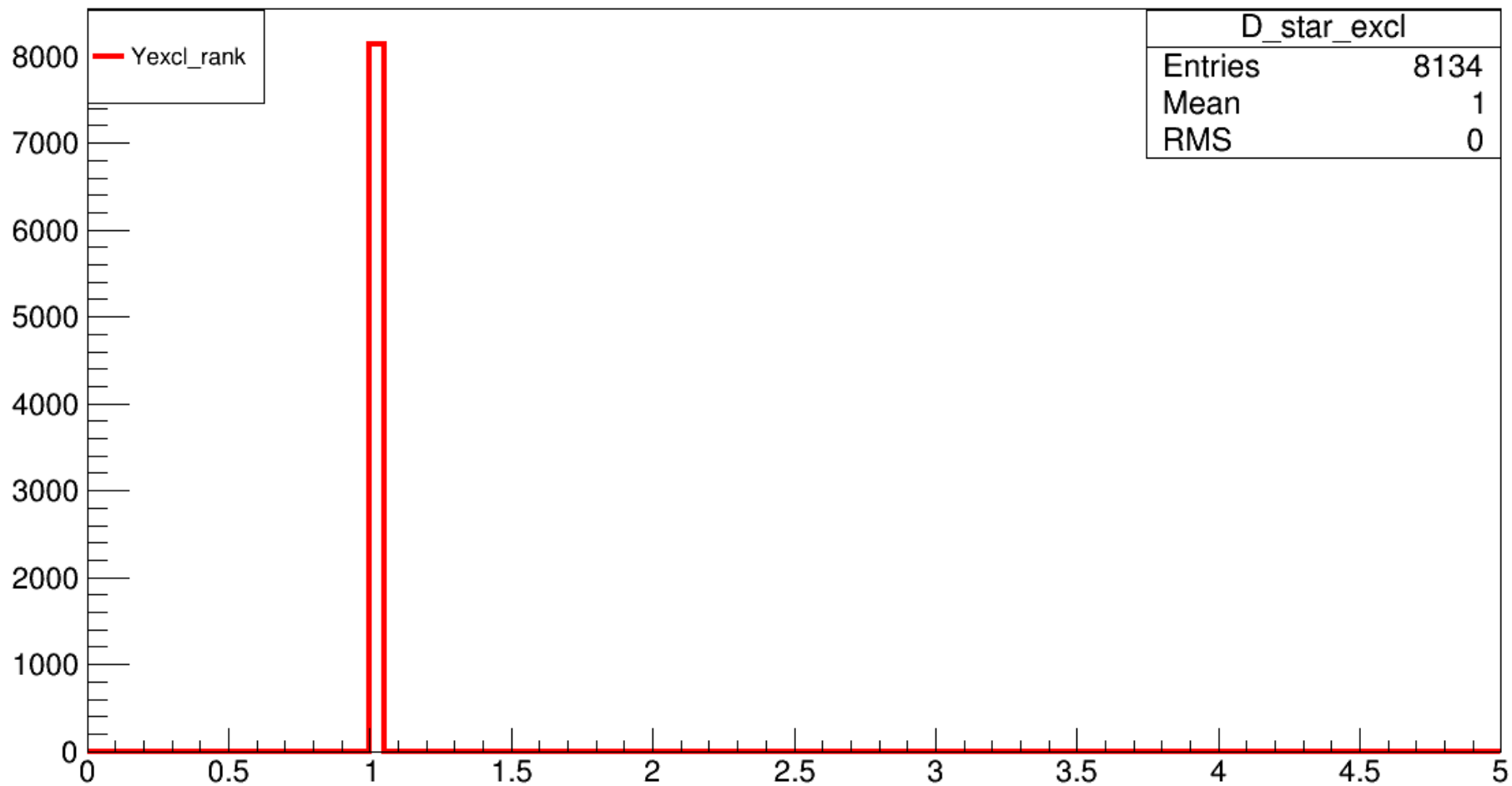
Best sum of cosine angles with rank 1



Yexcl_rank with all ranks



Yexcl_rank with rank 1



Thanks