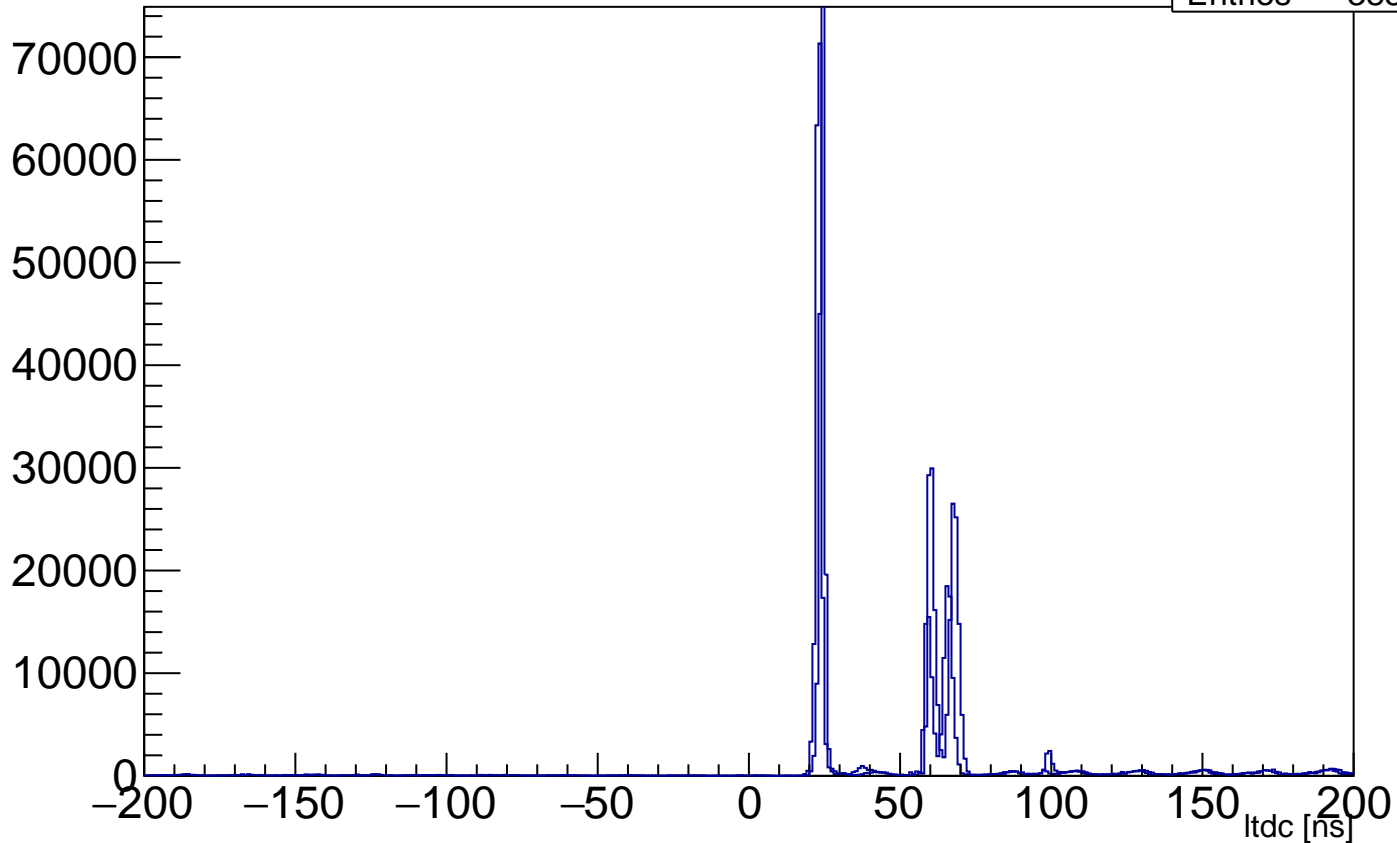


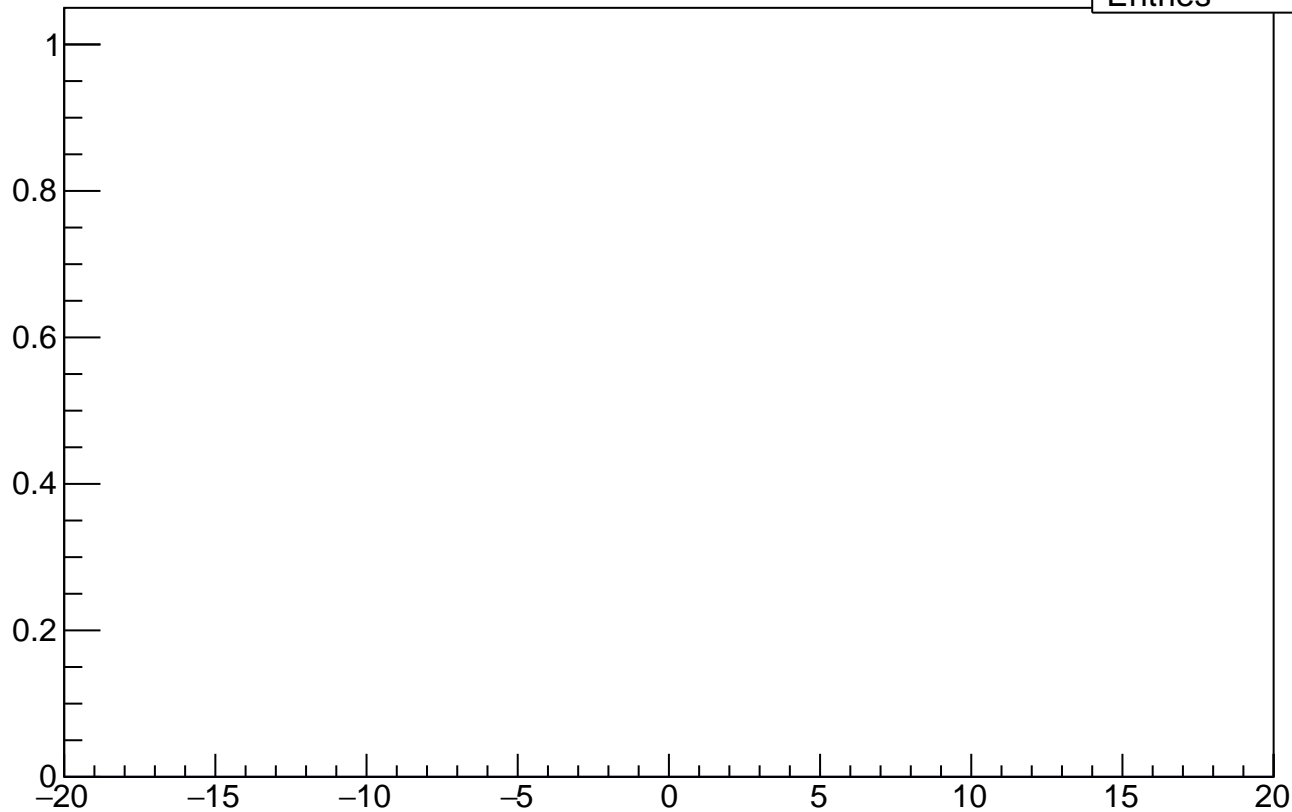
# Leading timing edge of BFT ref. (upstream)

Entries 385554



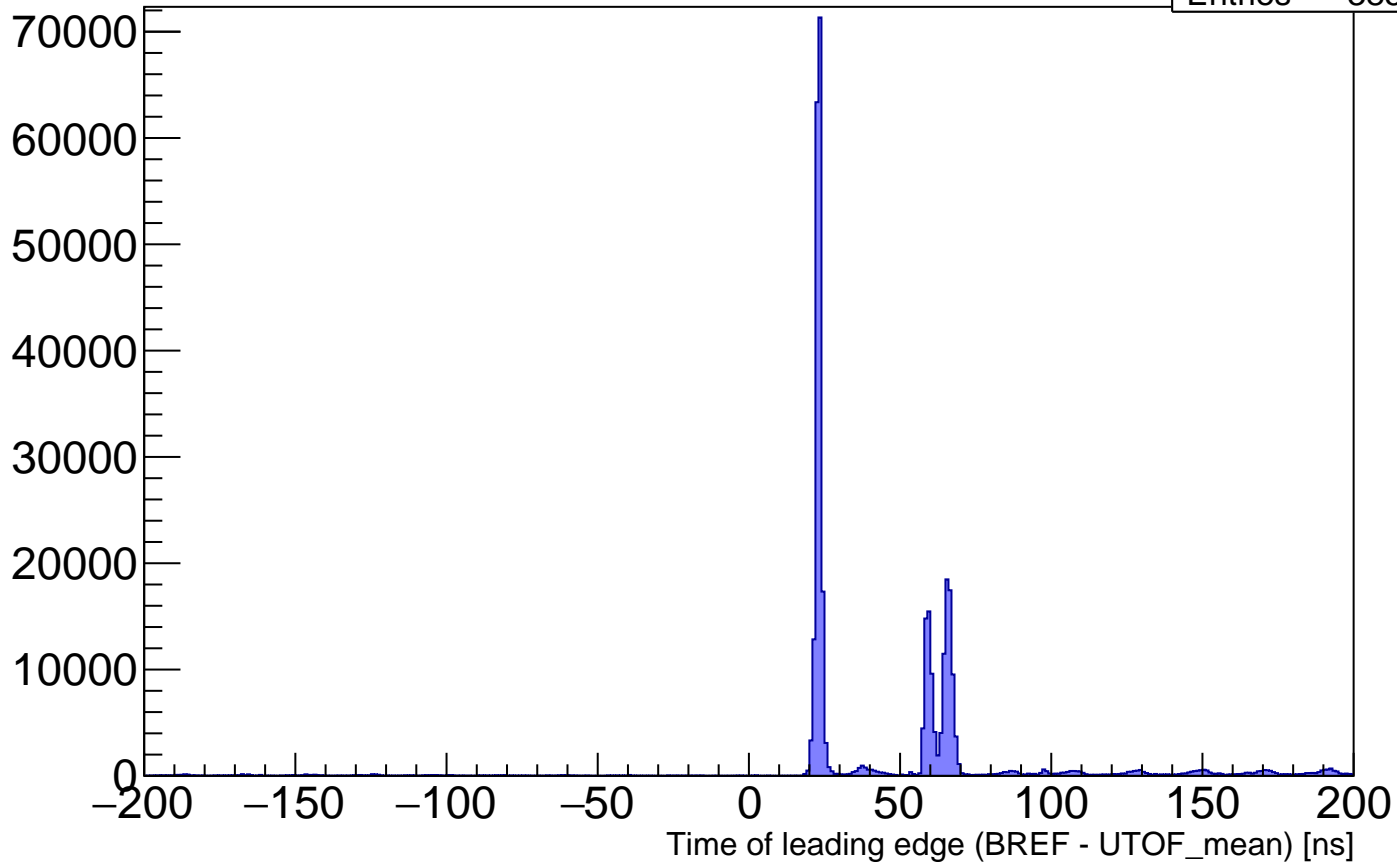
ltdc\_bref\_diff

Entries 0



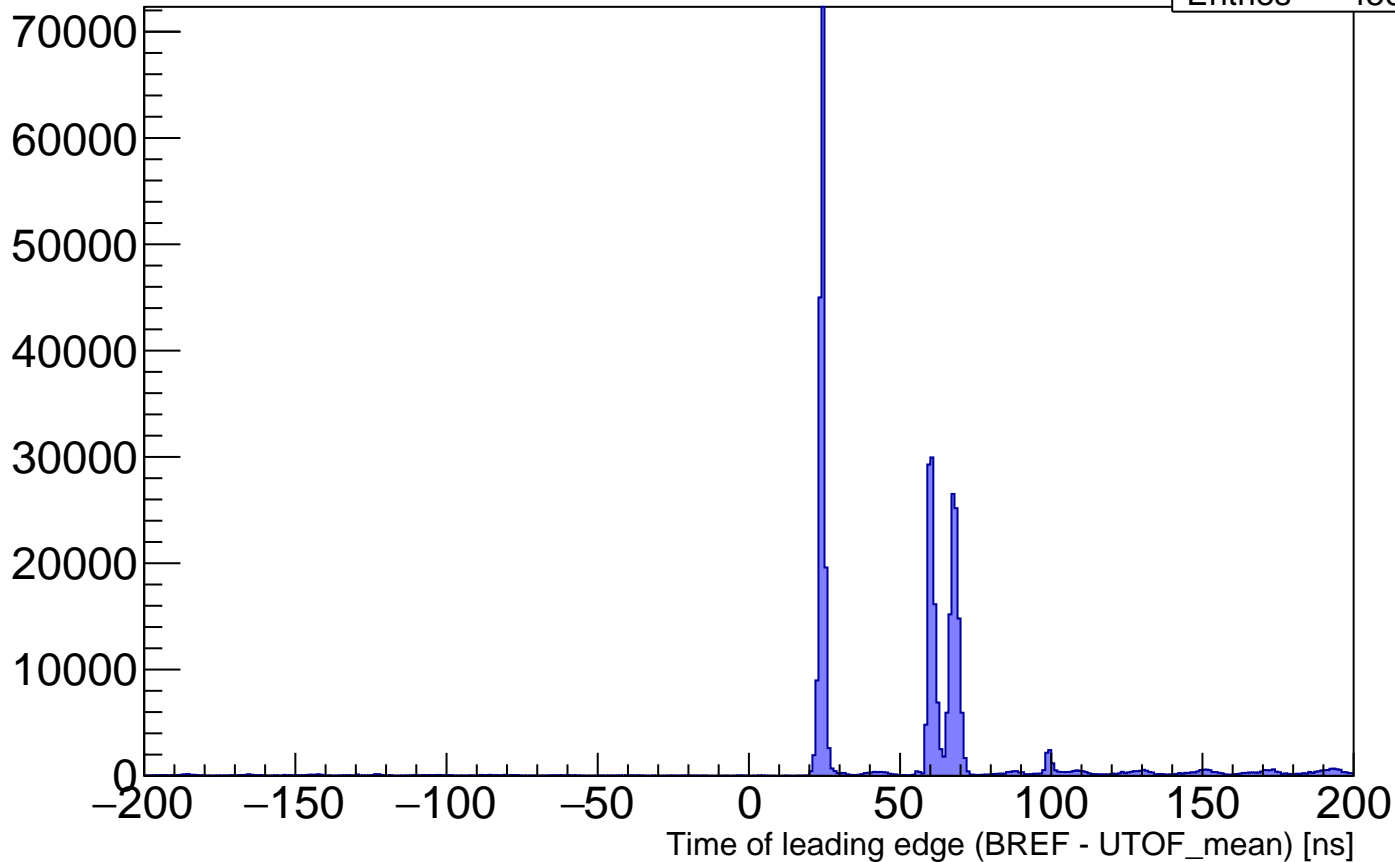
# Leading timing edge of BFT ref. (upstream)

Entries 385554



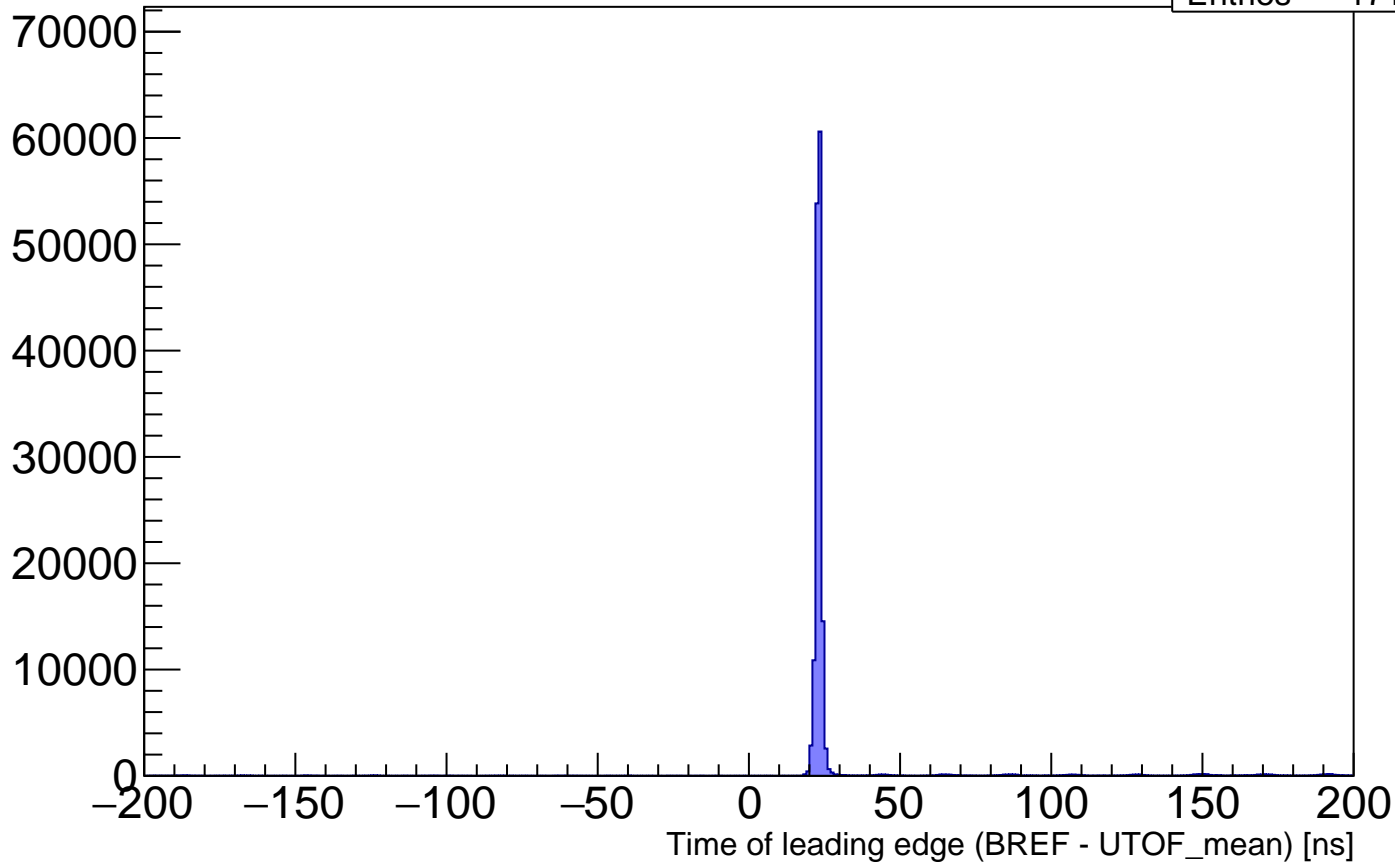
# Leading timing edge of BFT ref. (downstream)

Entries 456556



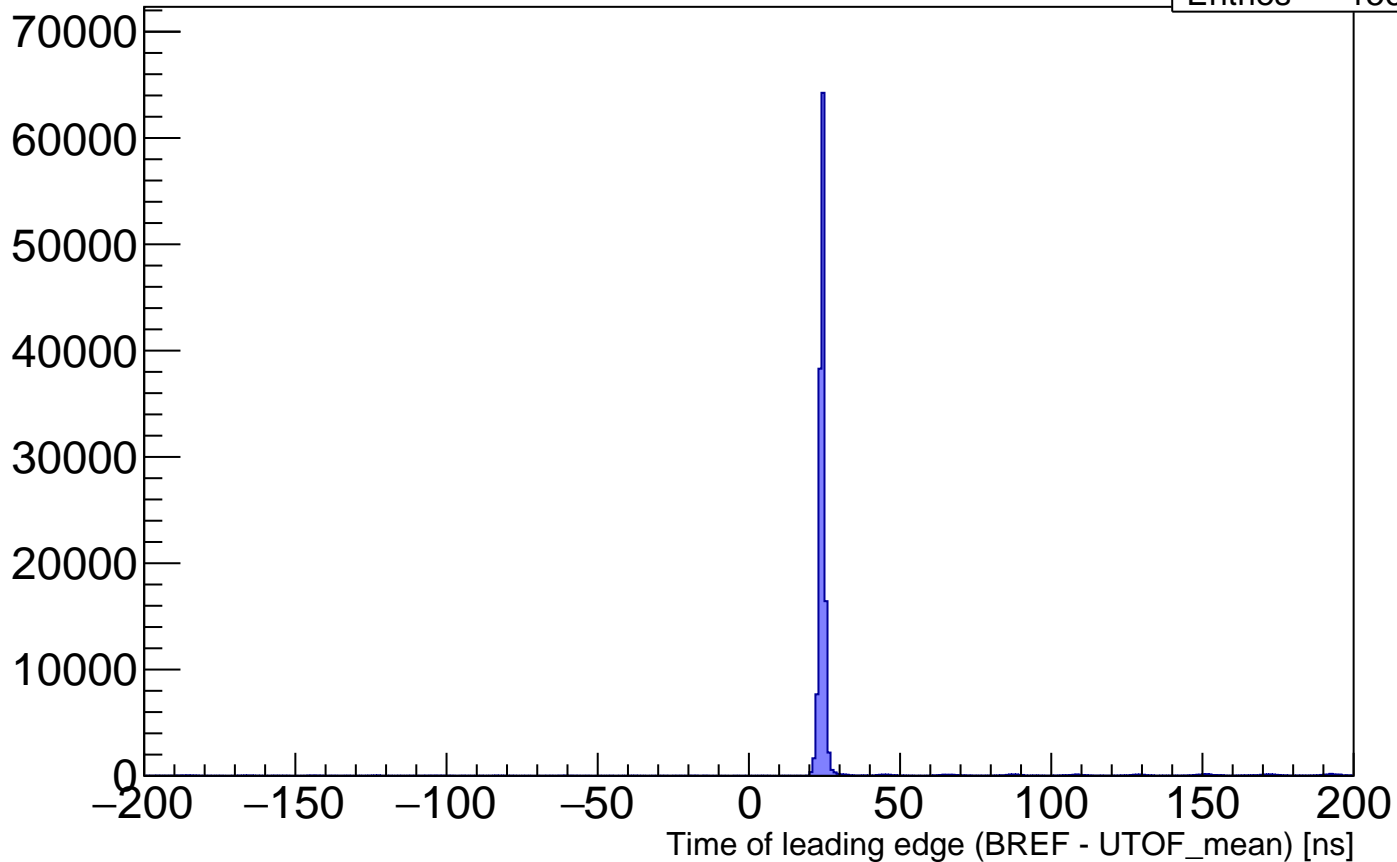
# First leading timing edge of upstream BFT ref.

Entries 171989



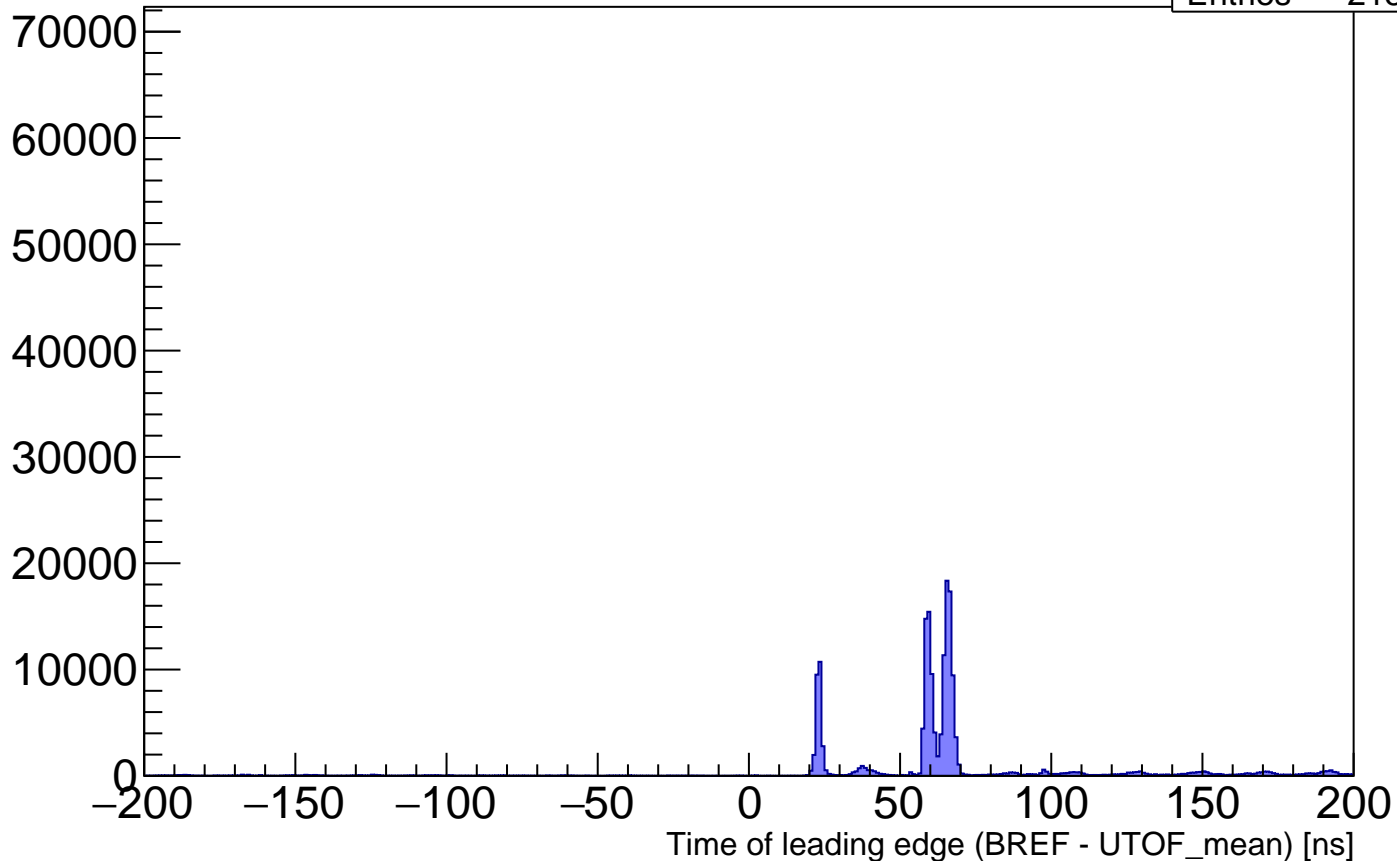
# First leading timing edge of downstream BFT ref.

Entries 156867



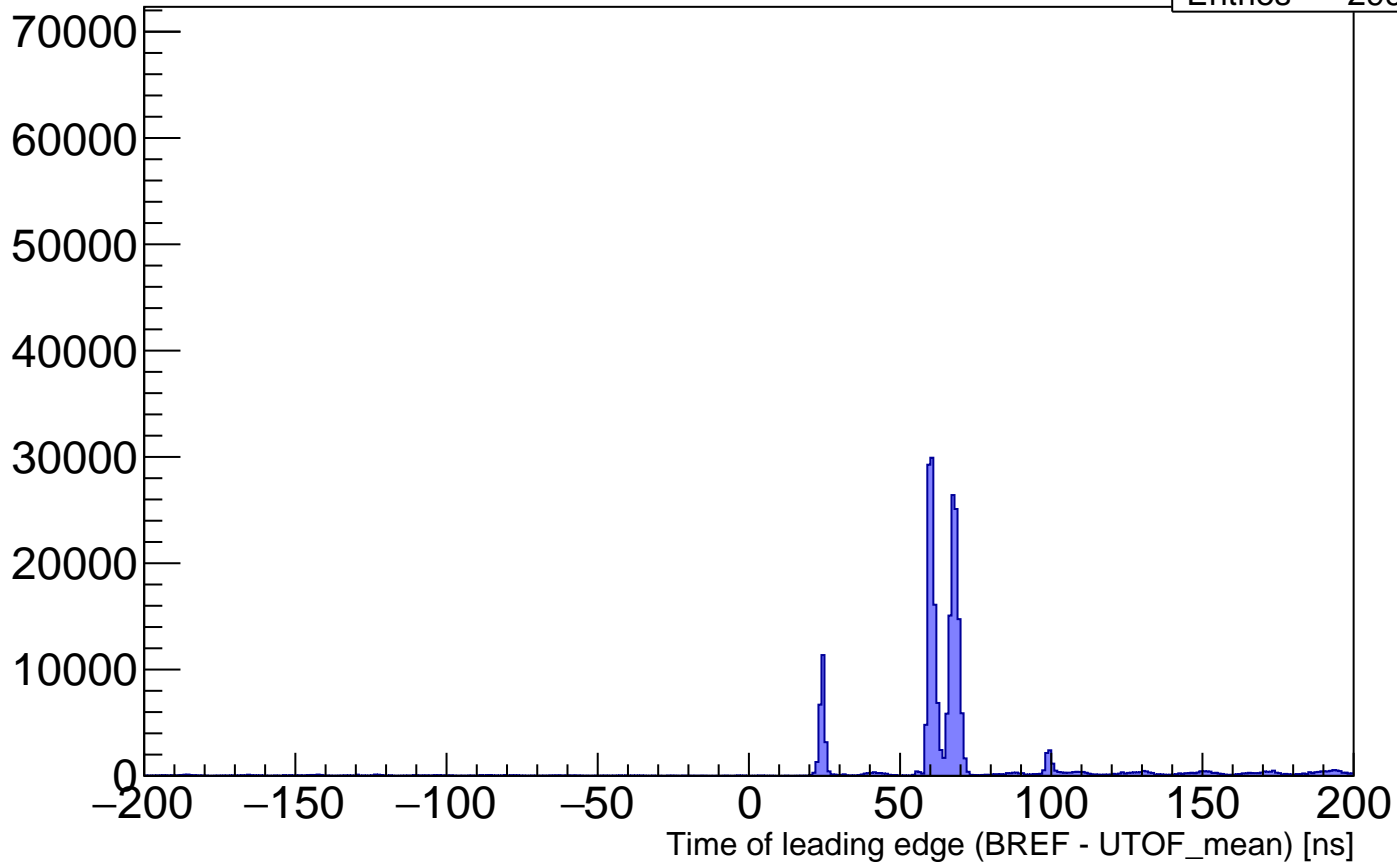
## 2nd leading timing edge of upstream BFT ref.

Entries 213565



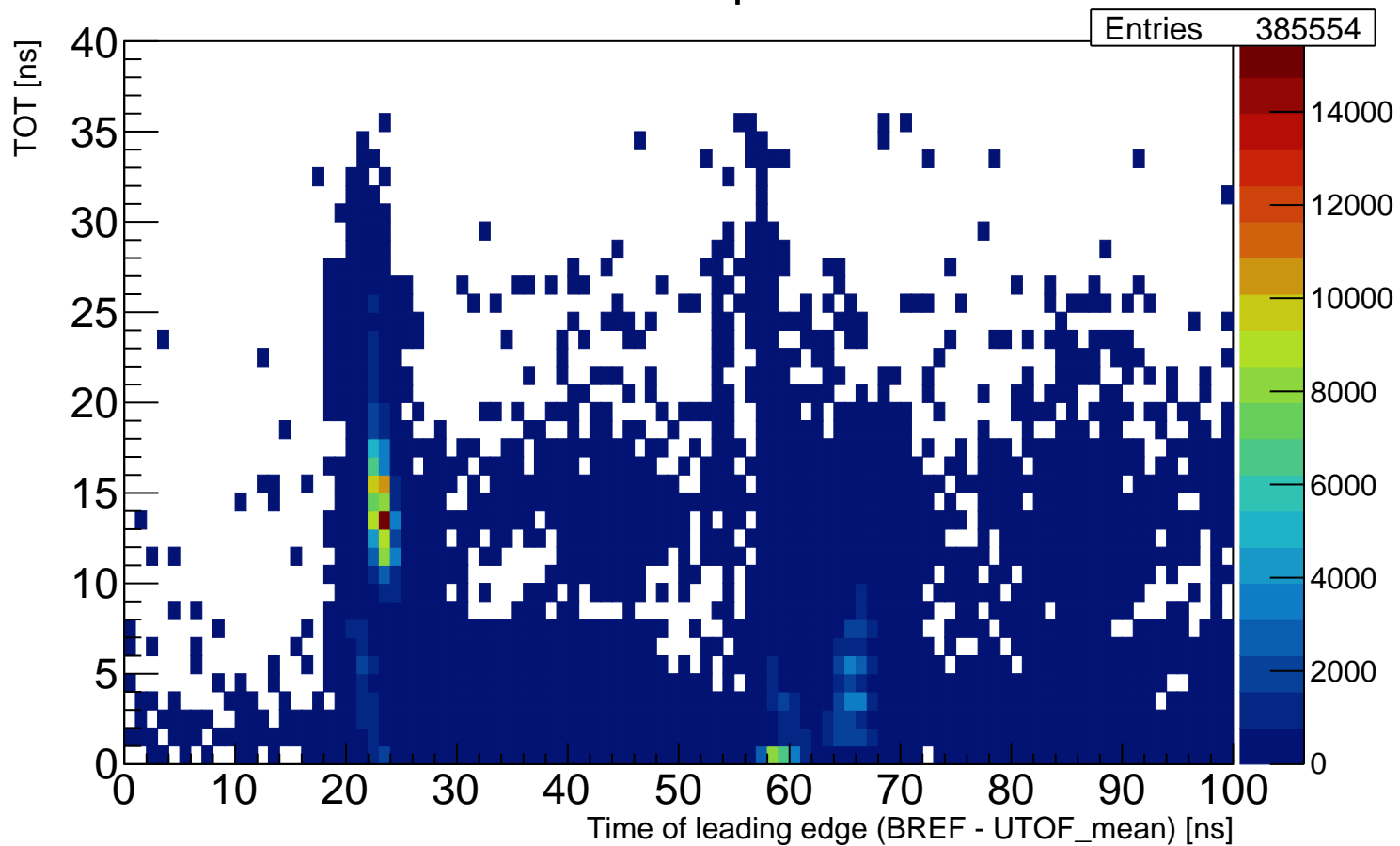
# 2nd leading timing edge of downstream BFT ref.

Entries 299689

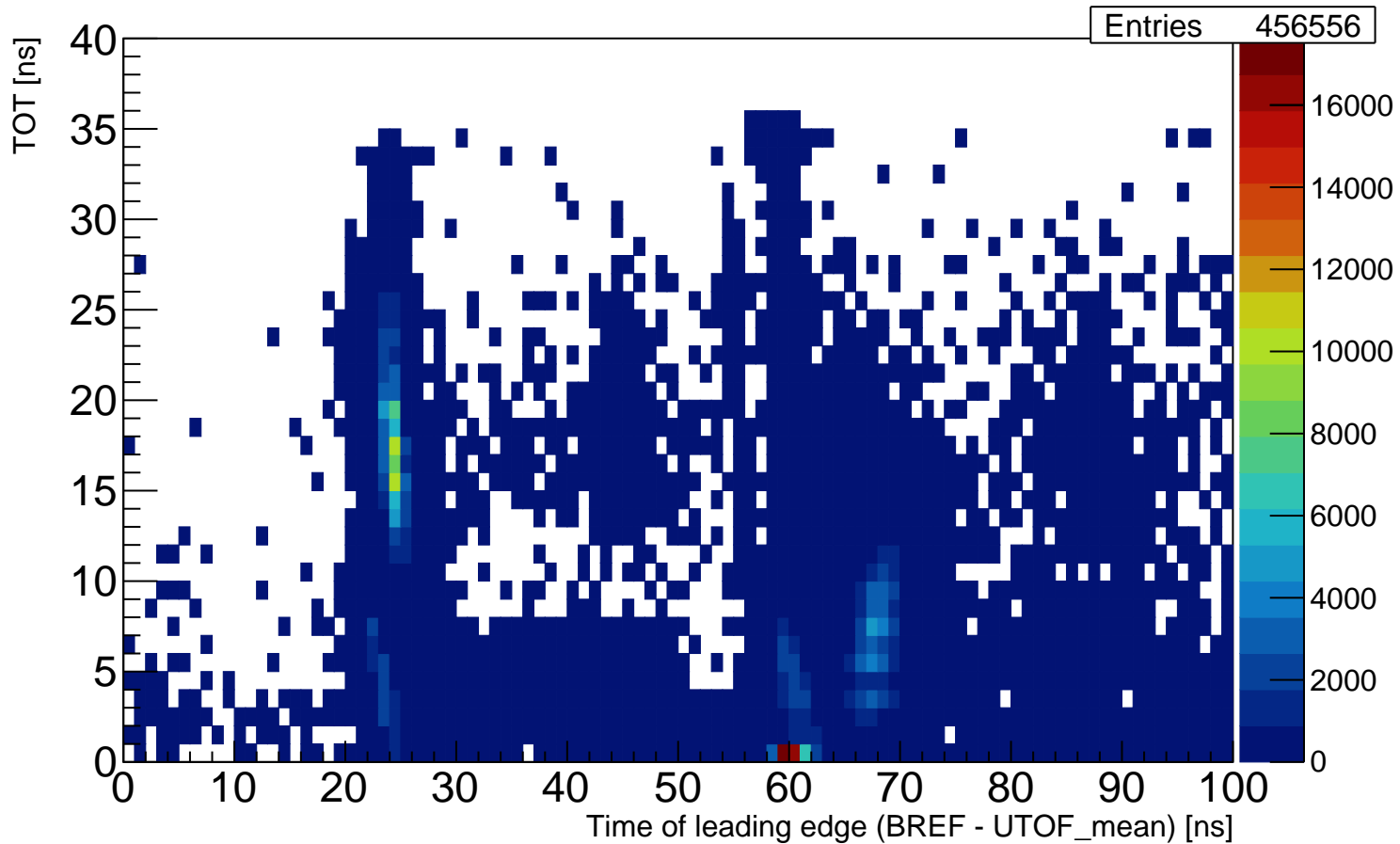




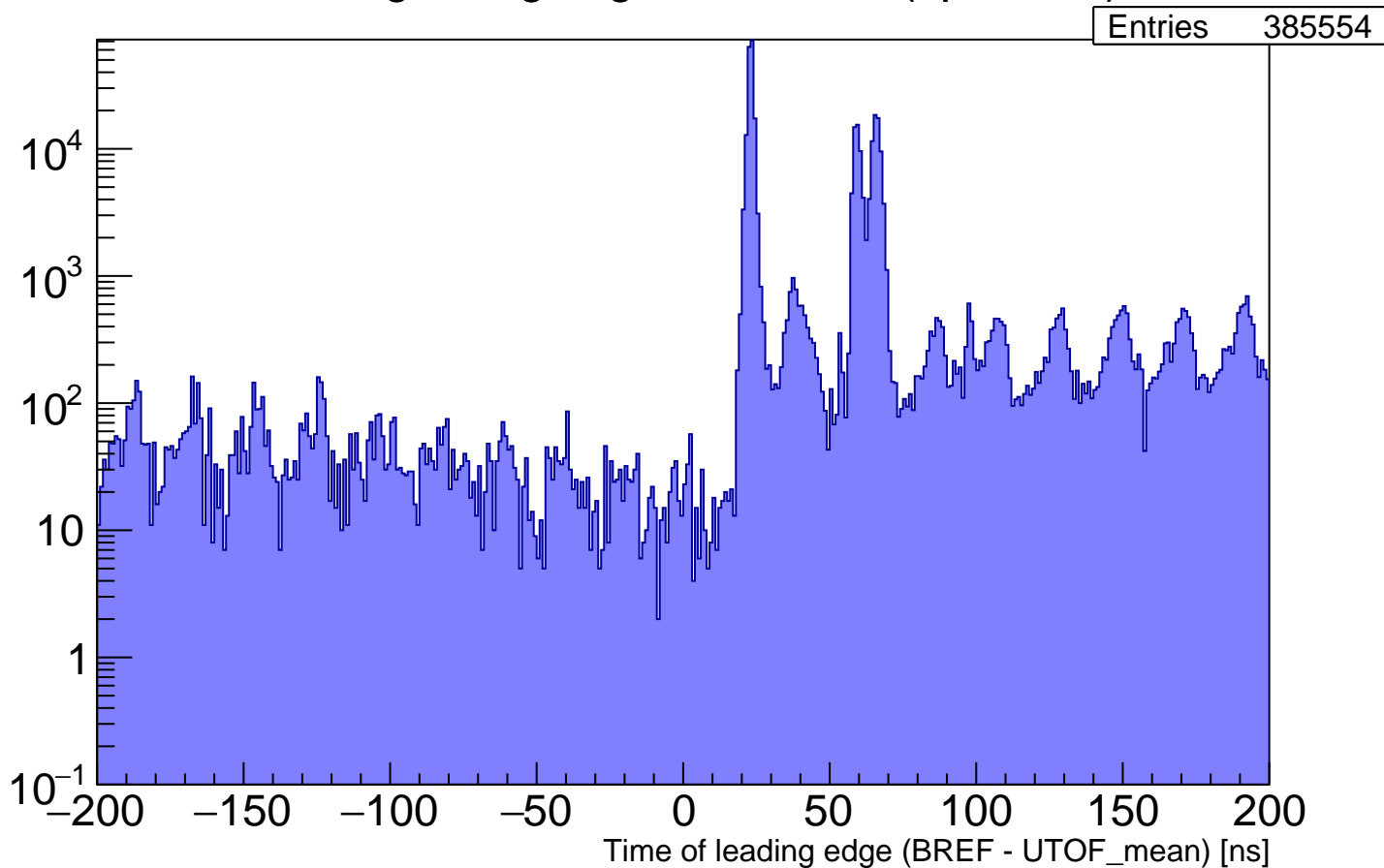
TDC vs TOT of upstream Bref



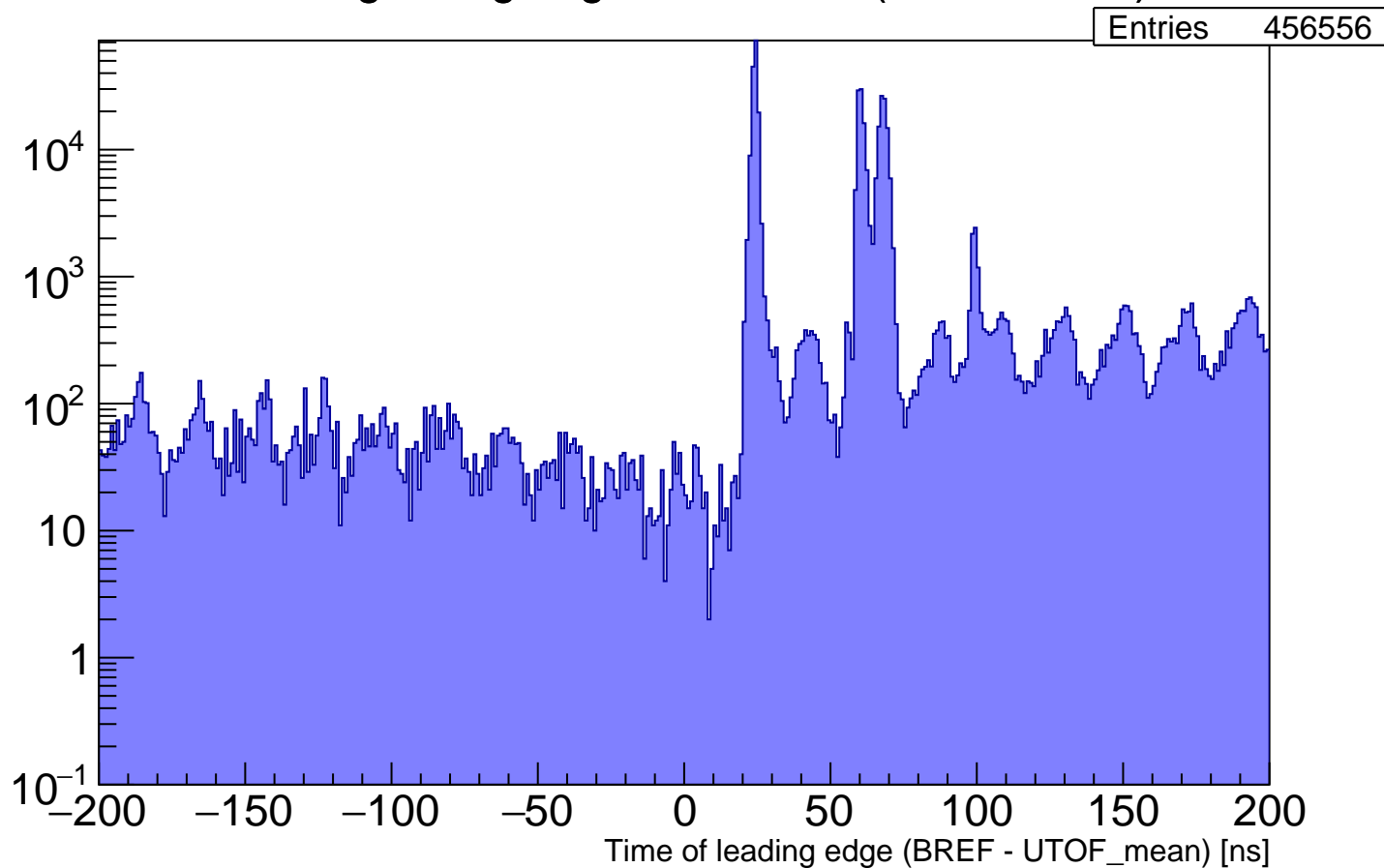
TDC vs TOT of downstream Bref



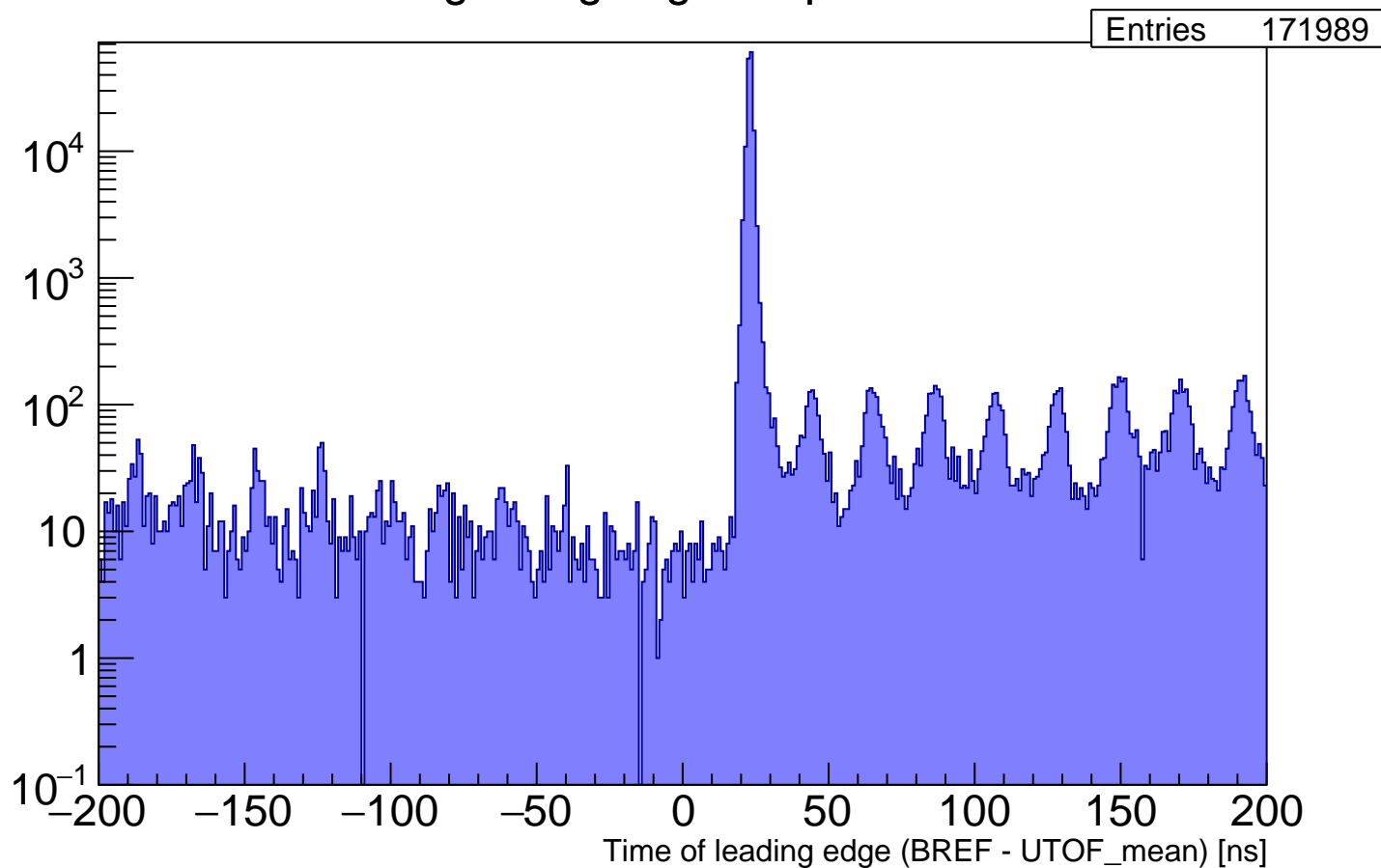
# Leading timing edge of BFT ref. (upstream)



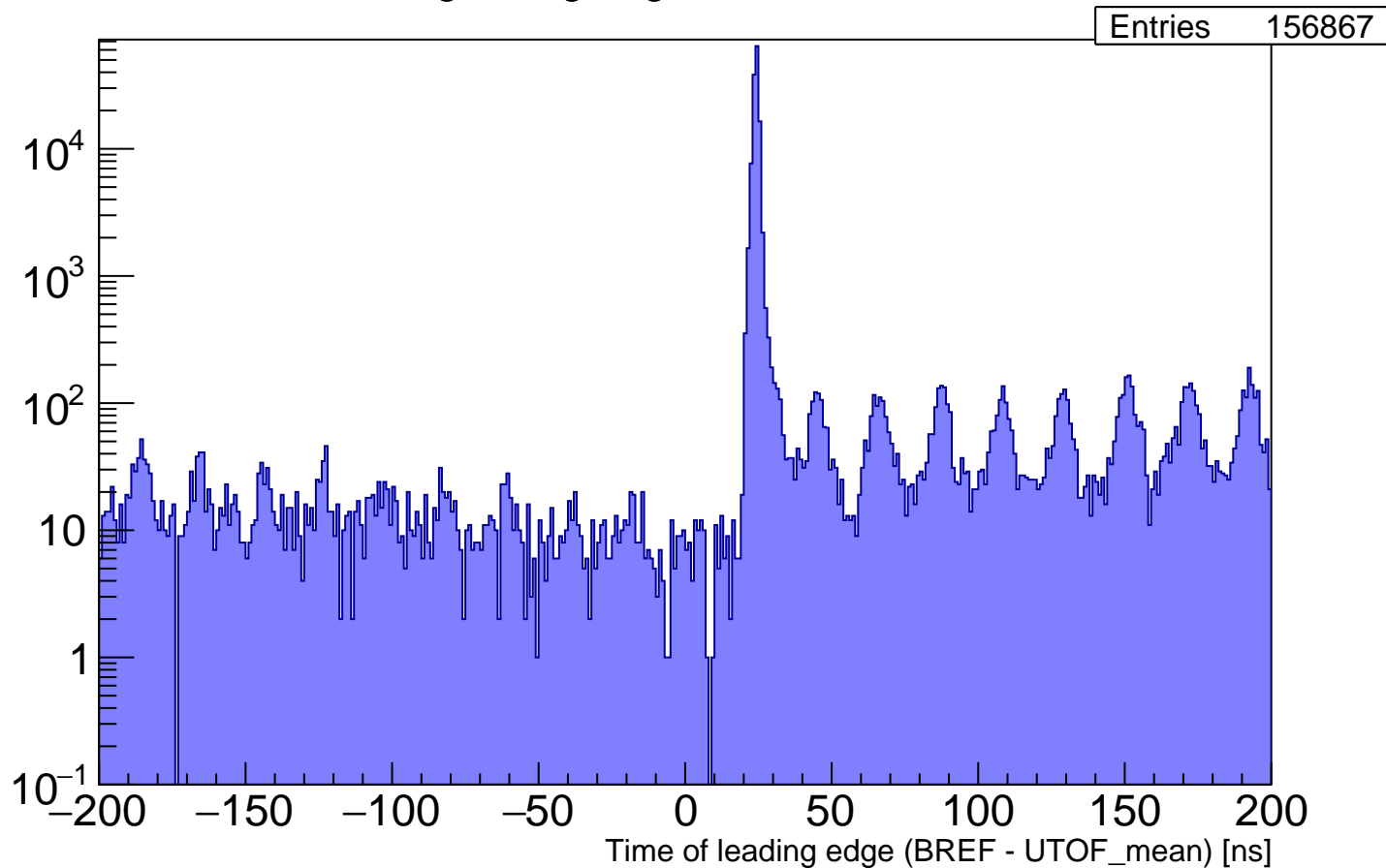
# Leading timing edge of BFT ref. (downstream)



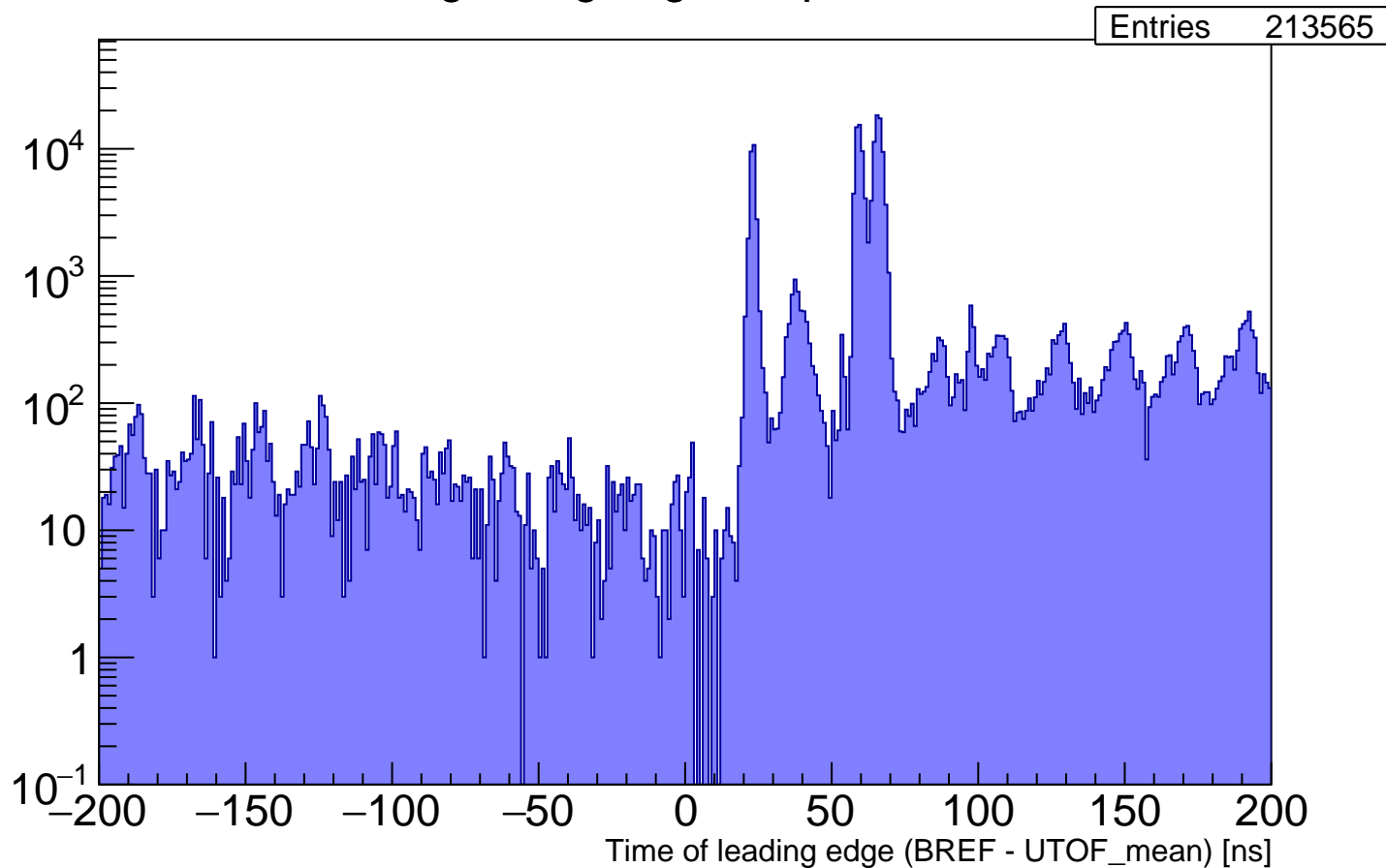
# First leading timing edge of upstream BFT ref.



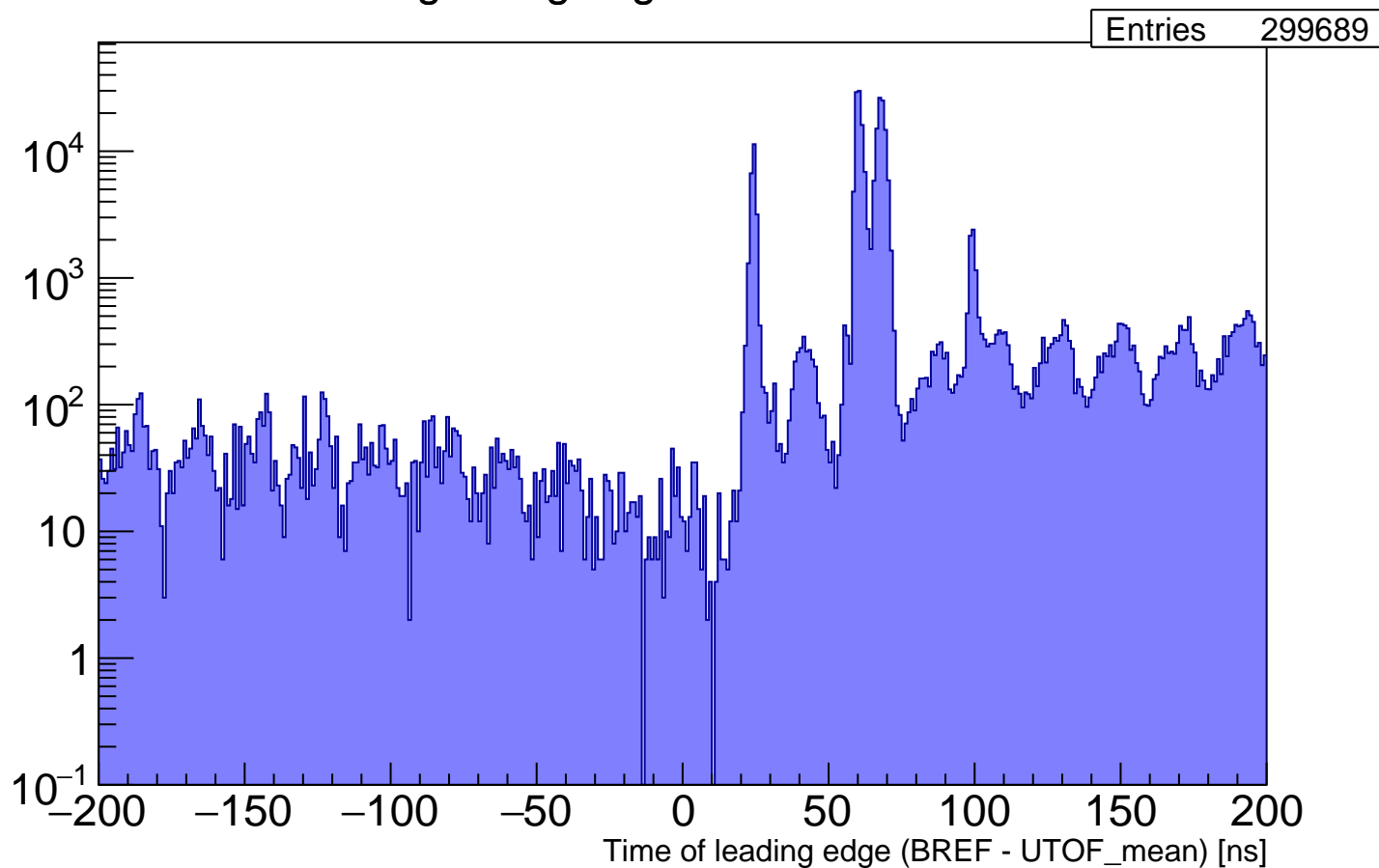
# First leading timing edge of downstream BFT ref.



## 2nd leading timing edge of upstream BFT ref.

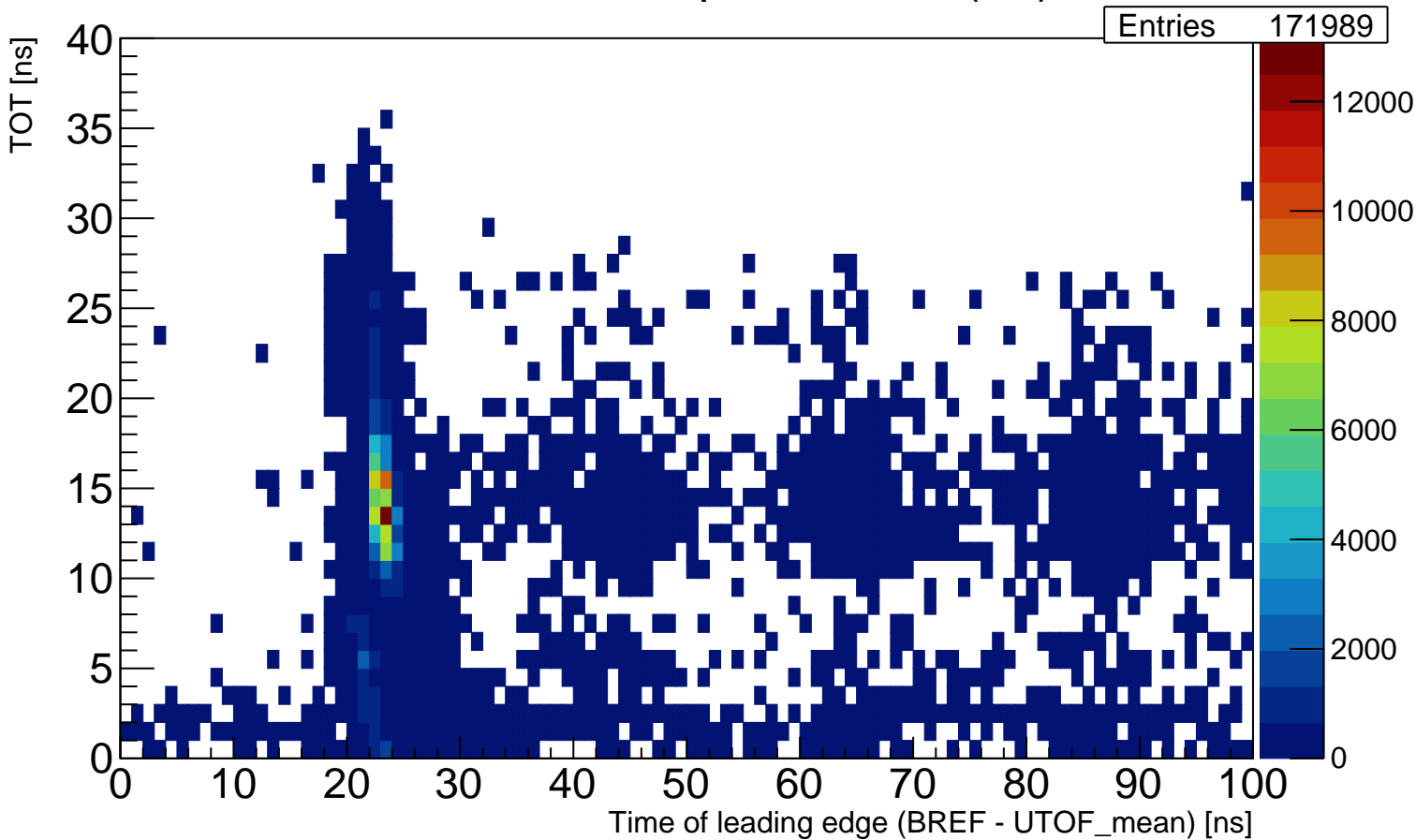


# 2nd leading timing edge of downstream BFT ref.

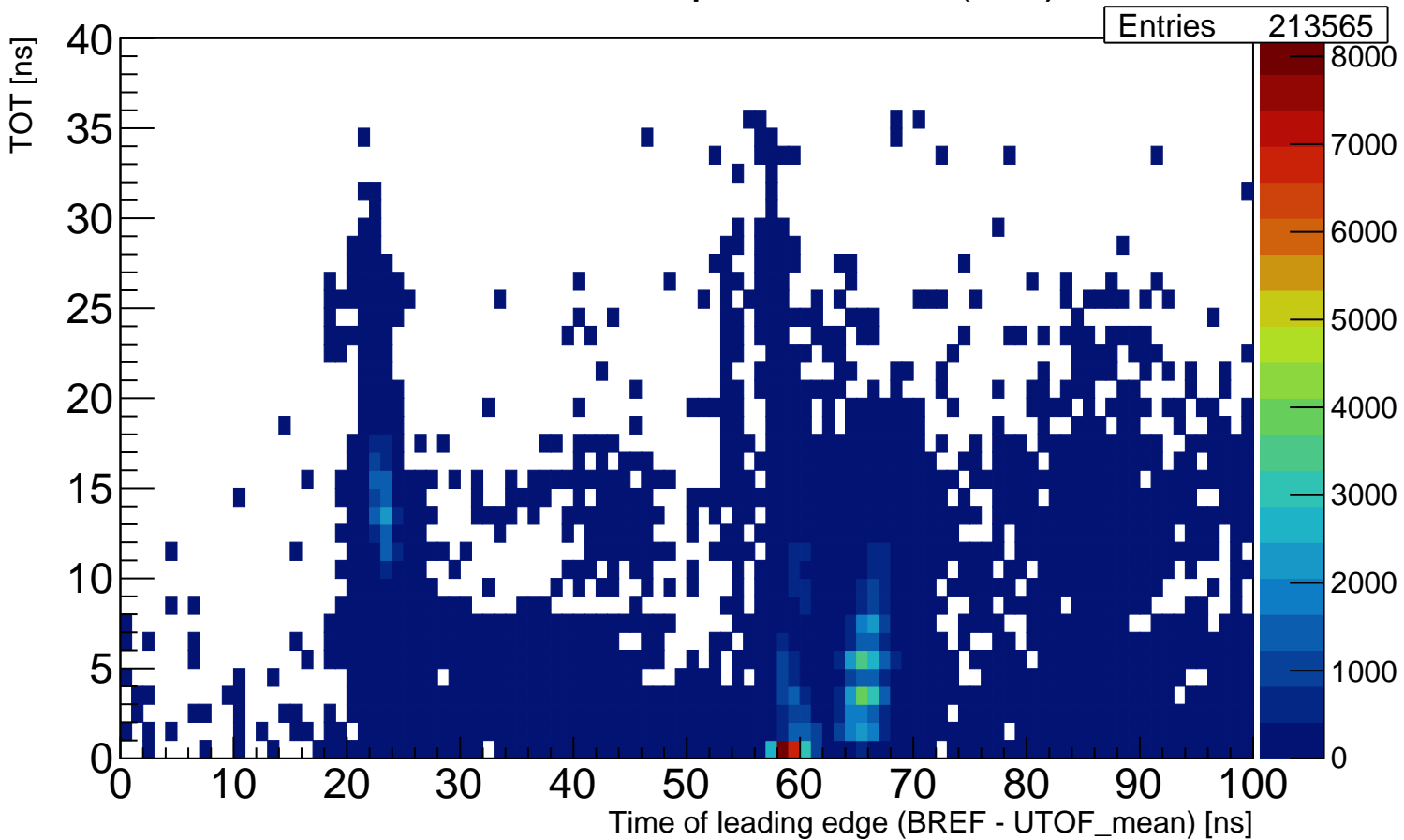




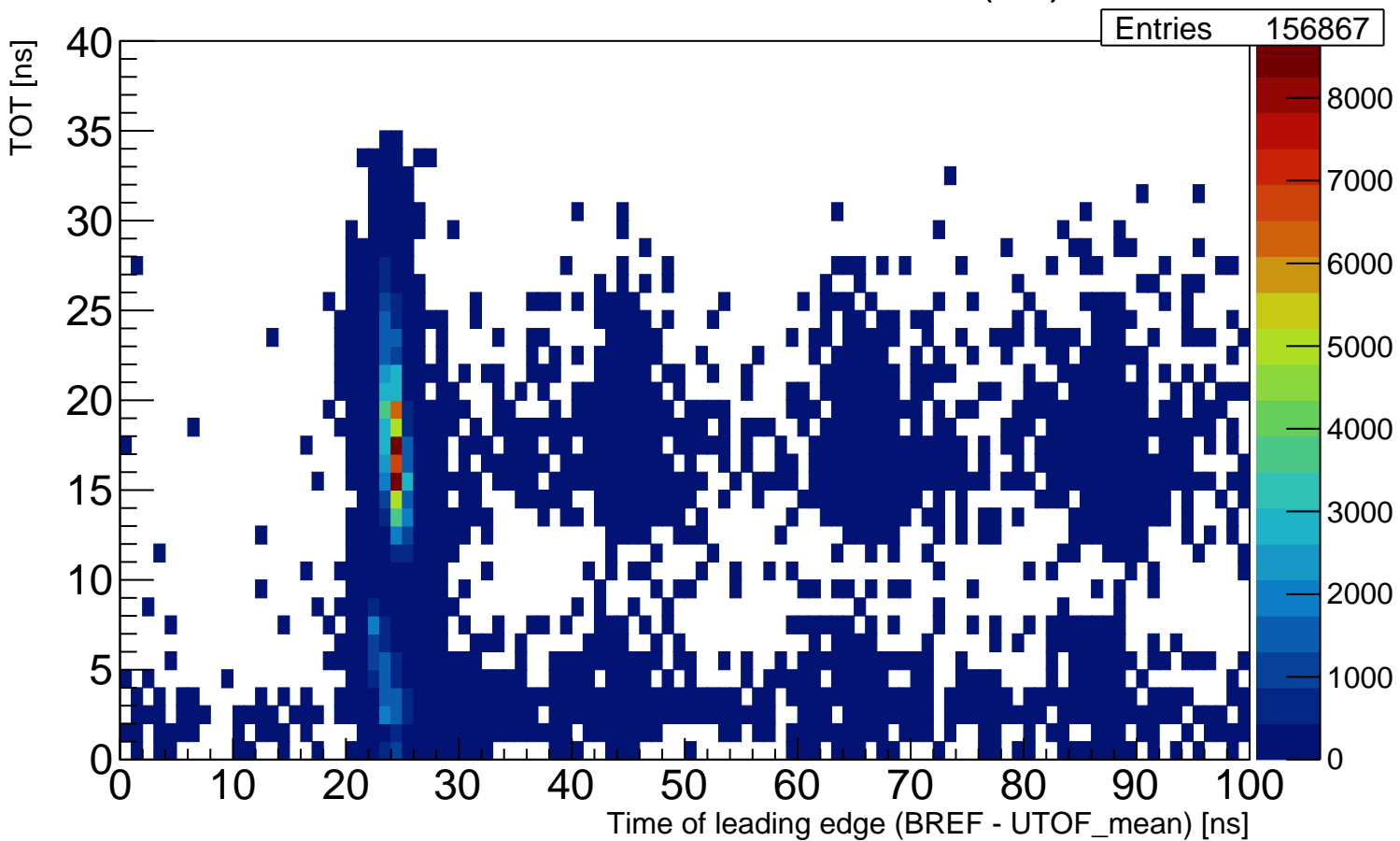
TDC vs TOT of upstream Bref (1st)



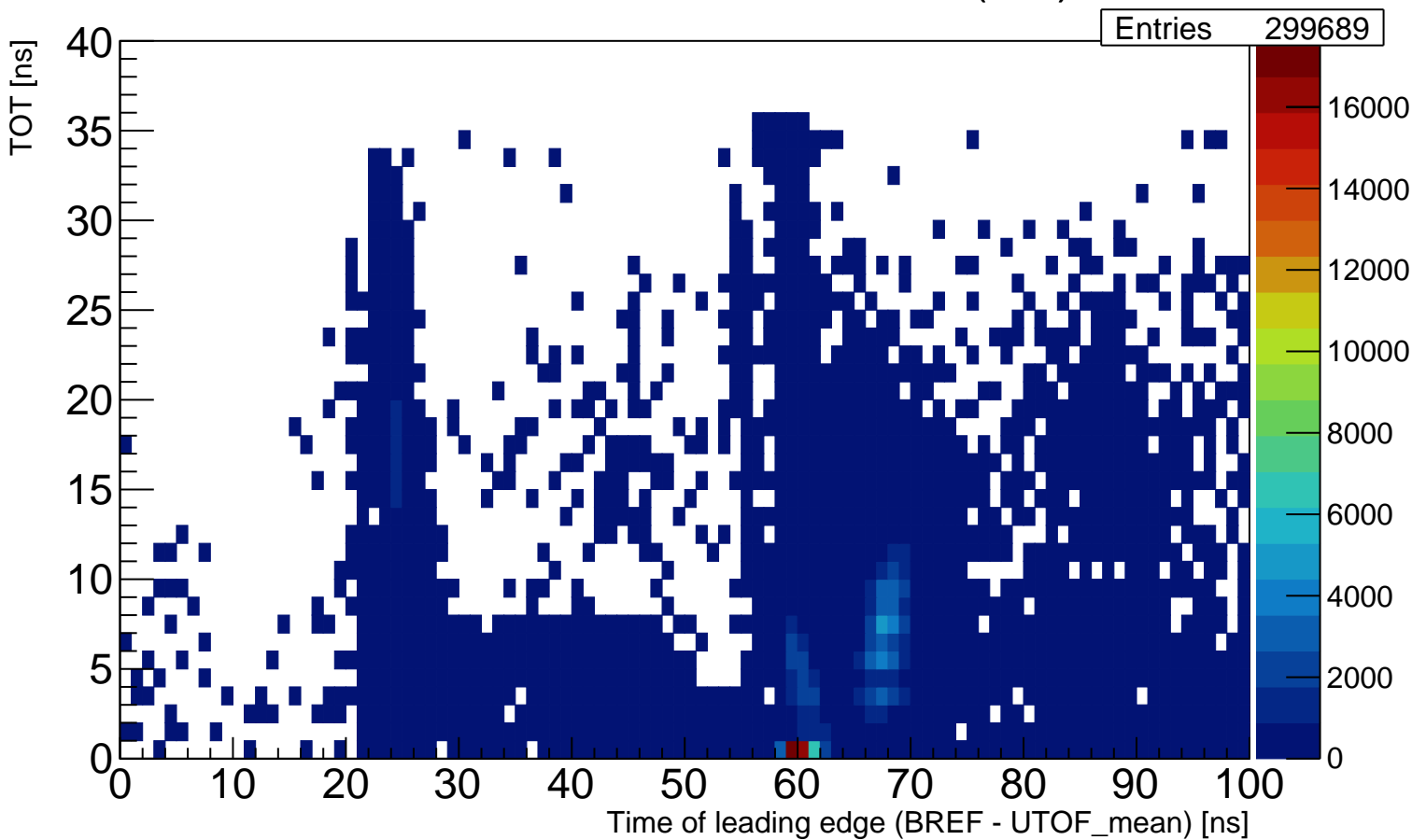
TDC vs TOT of upstream Bref (2nd)



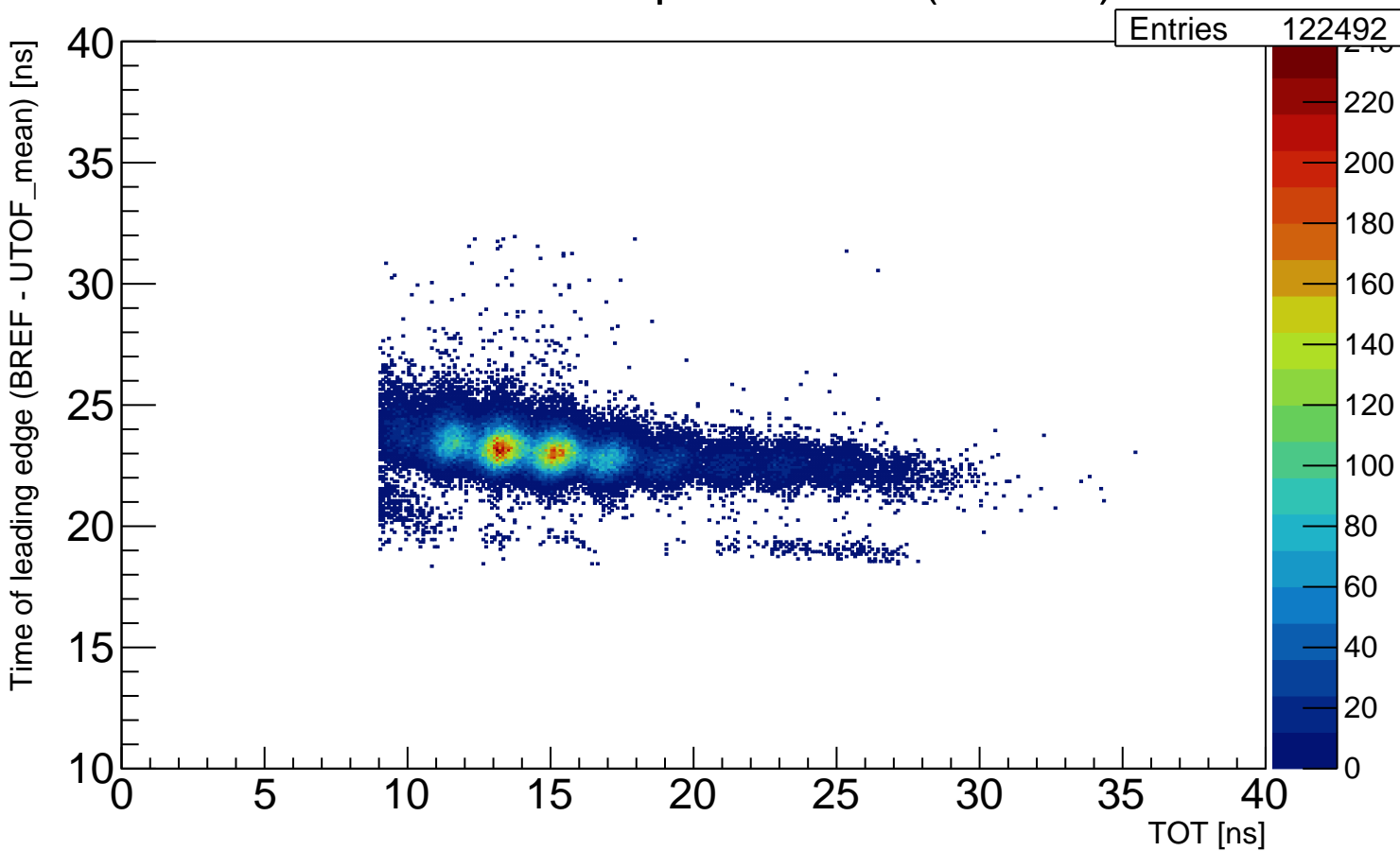
TDC vs TOT of downstream Bref (1st)



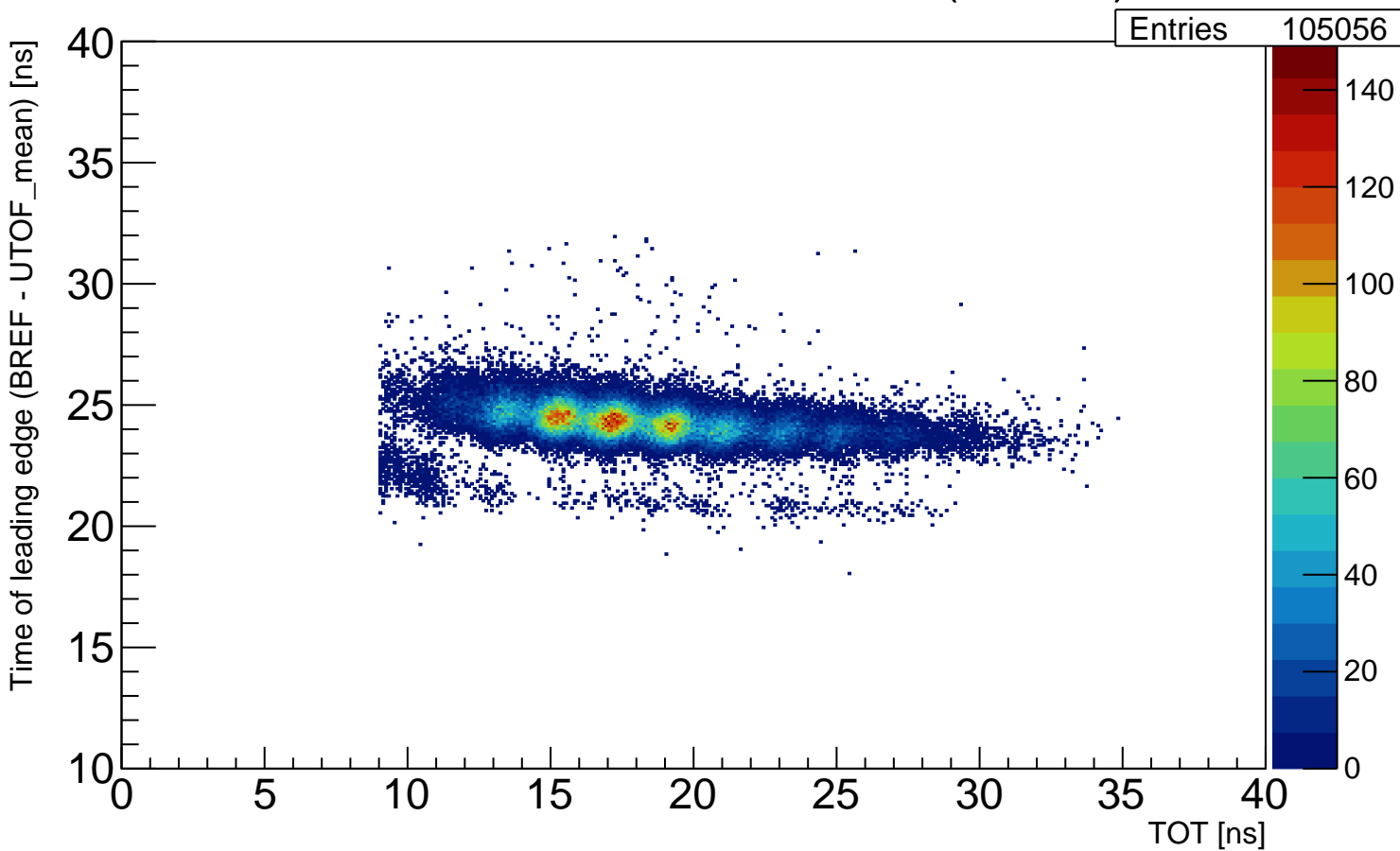
TDC vs TOT of downstream Bref (2nd)



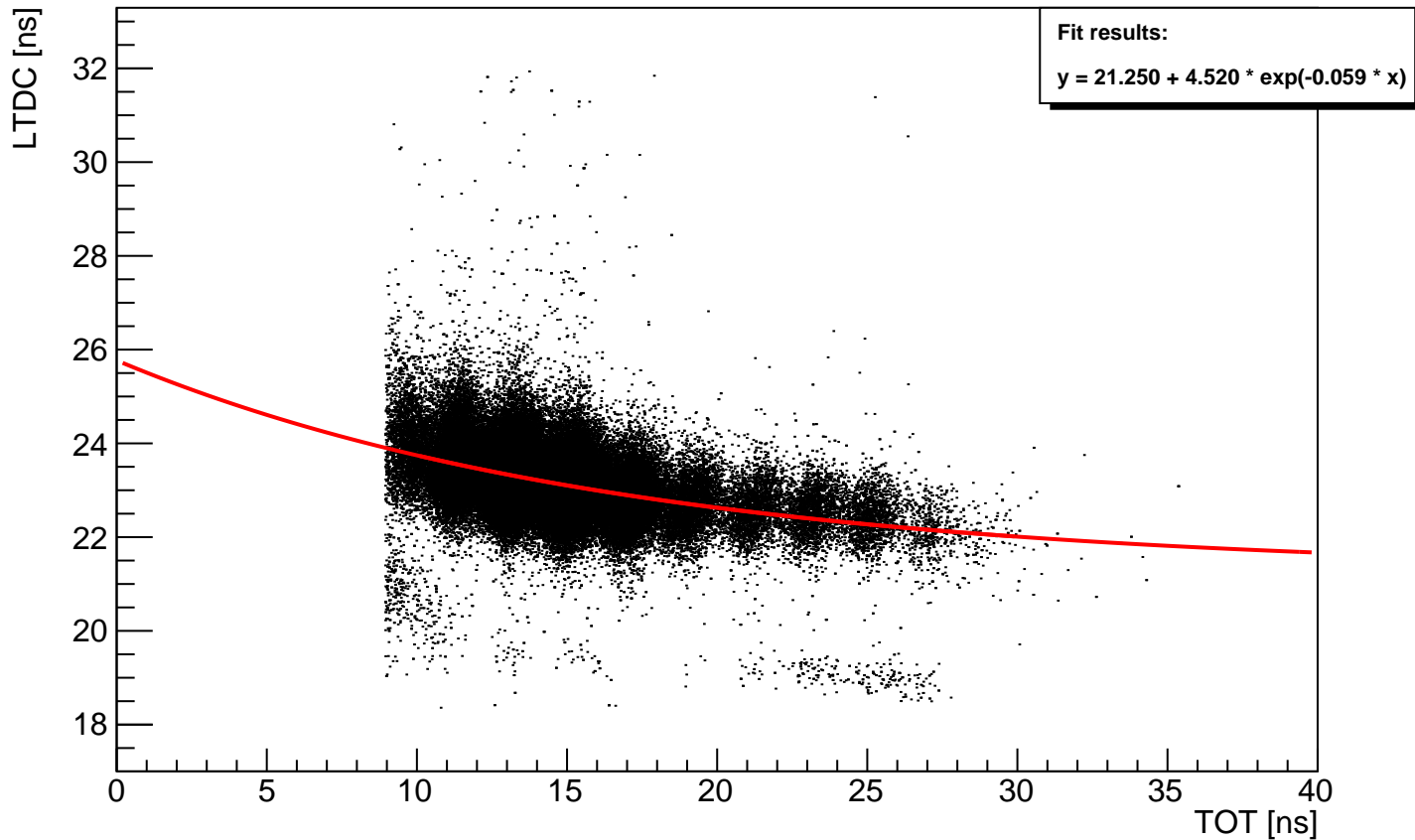
TOT vs TDC of upstream Bref (after cut)



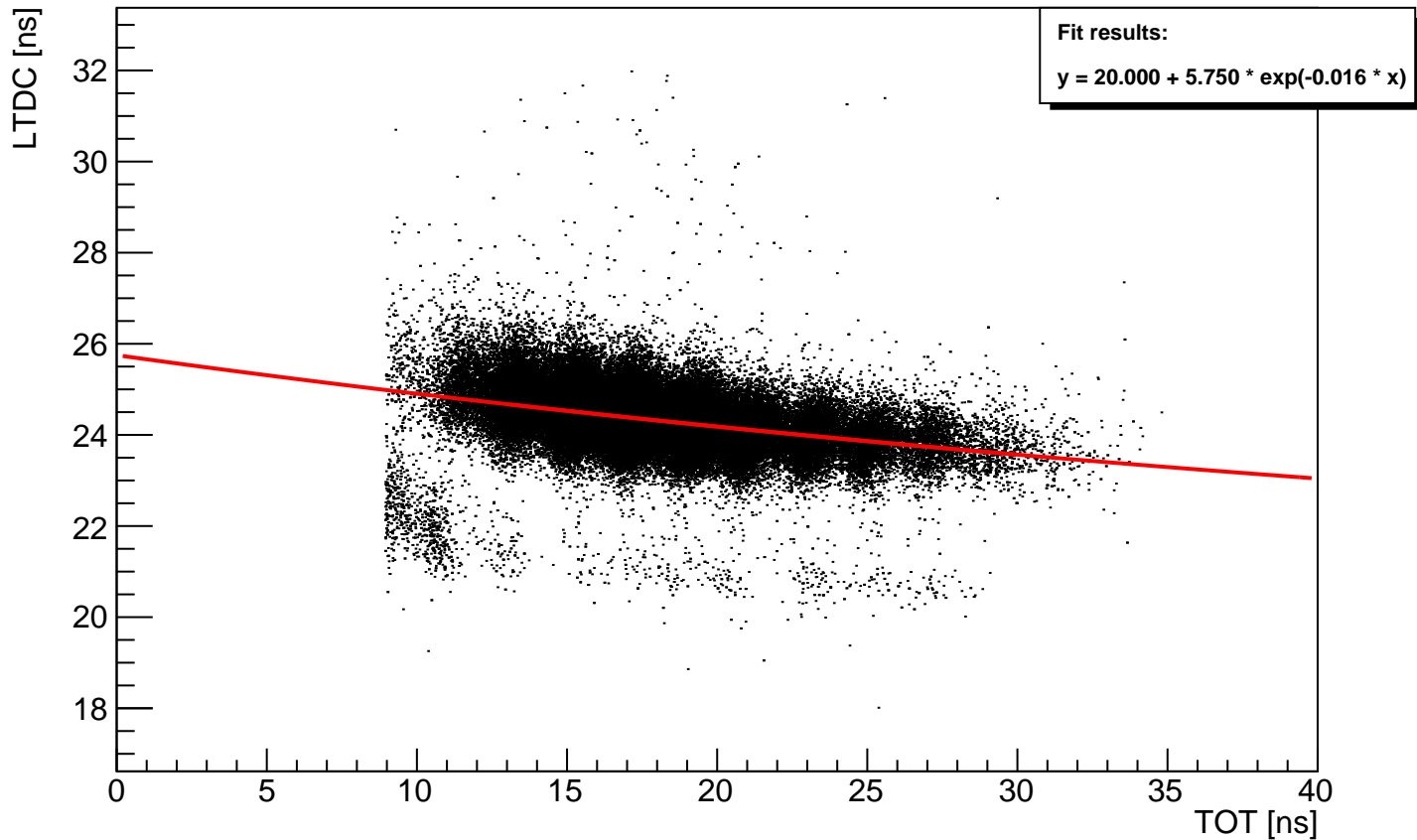
TOT vs TDC of downstream Bref (after cut)



# Time walk correction of upstream Bref

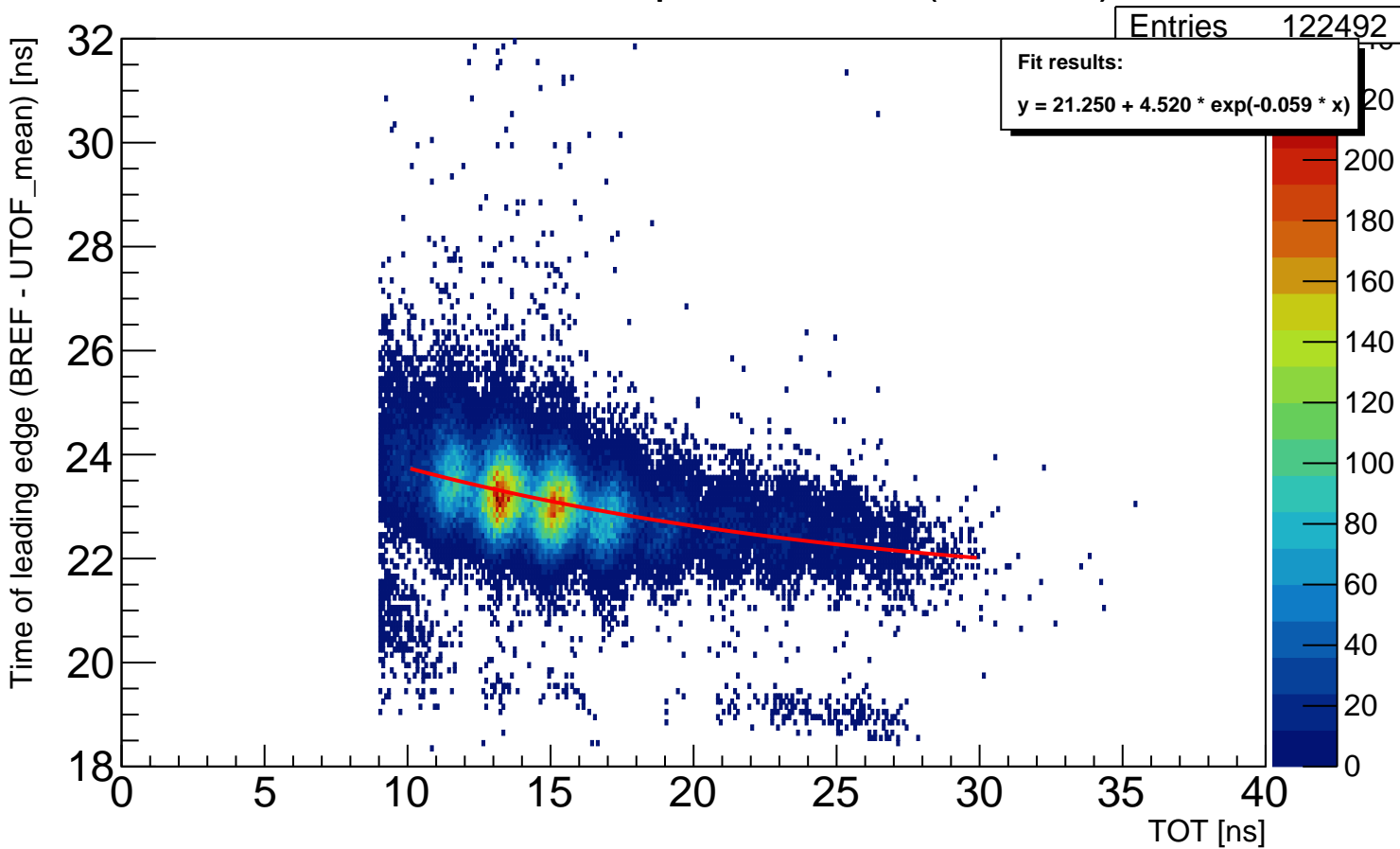


# Time walk correction of downstream Bref

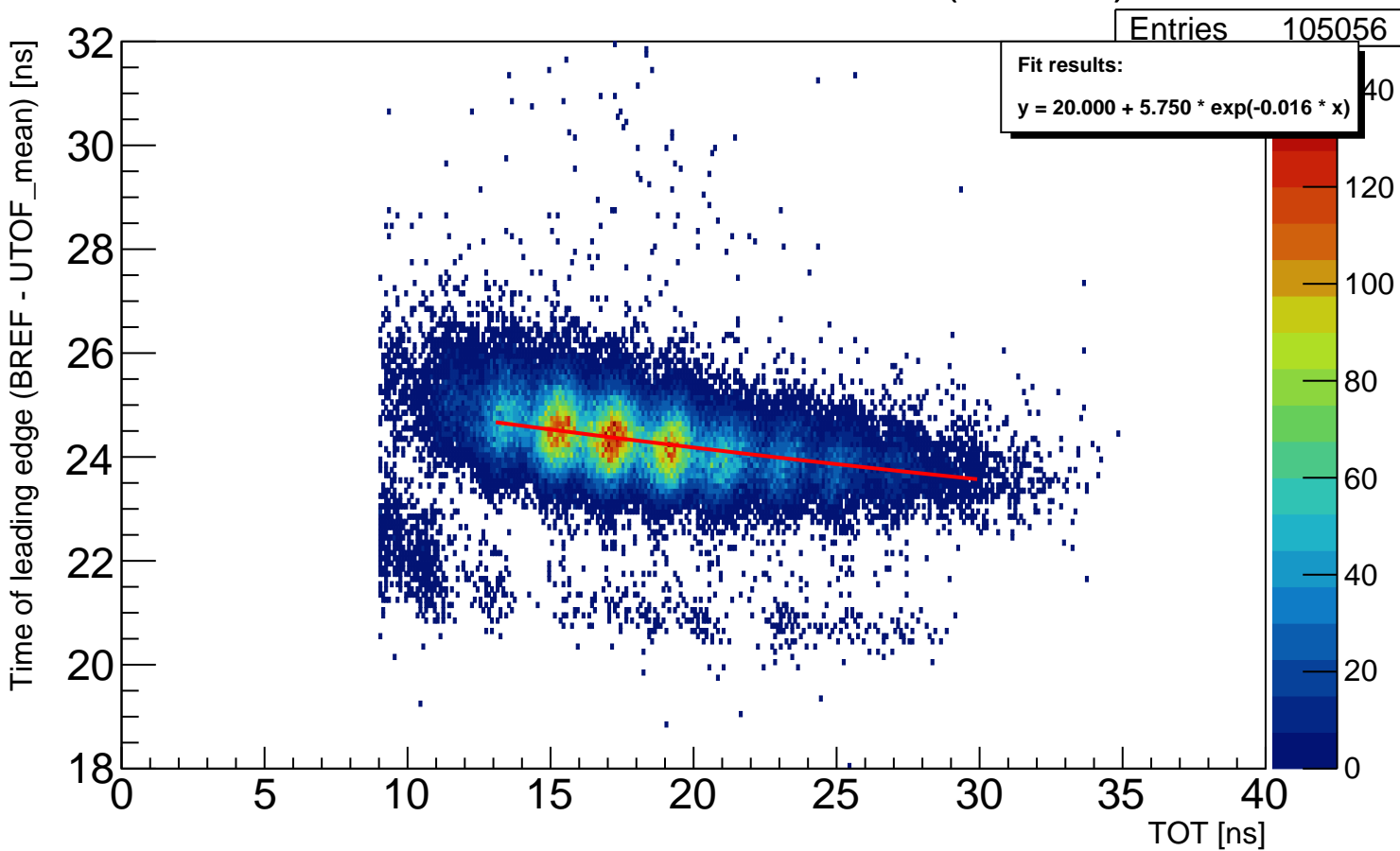




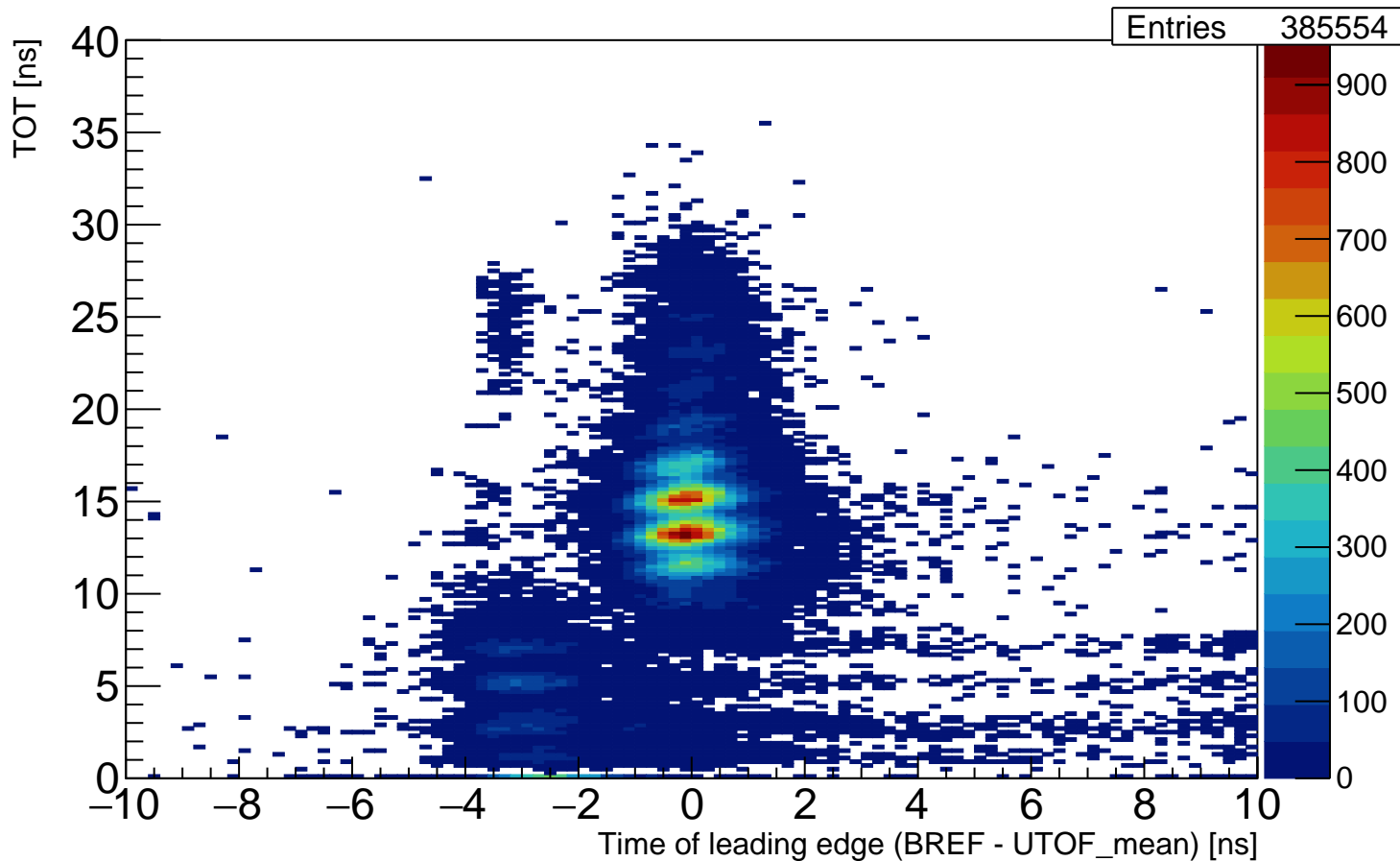
# TOT vs TDC of upstream Bref (after cut)



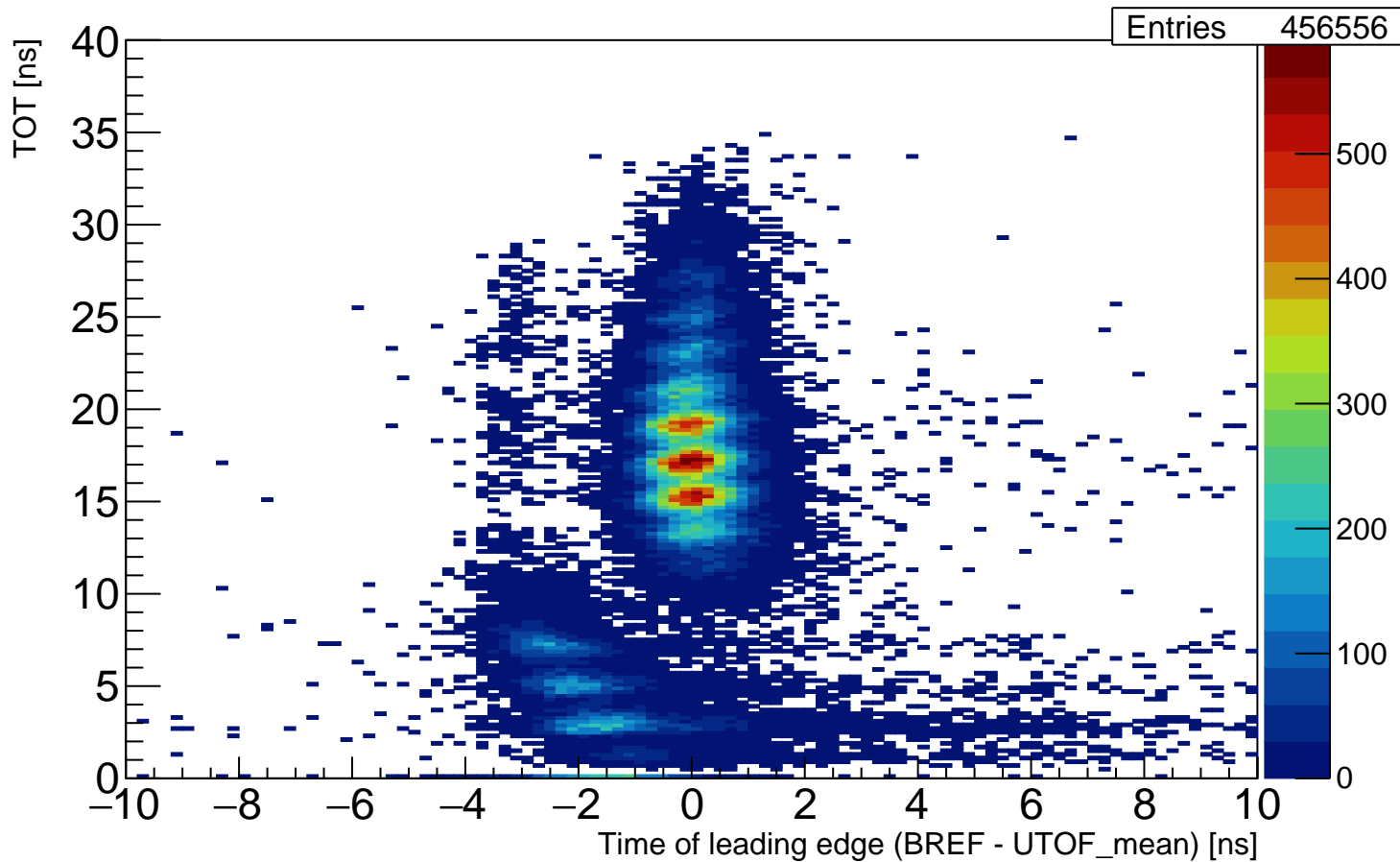
# TOT vs TDC of downstream Bref (after cut)



TDC vs TOT of upstream Bref (time walk corrected)



TDC vs TOT of downstream Bref (time walk corrected)



Leading timing edge of upstream BFT ref. (corrected,  $9 \leq \text{TOT}$ )

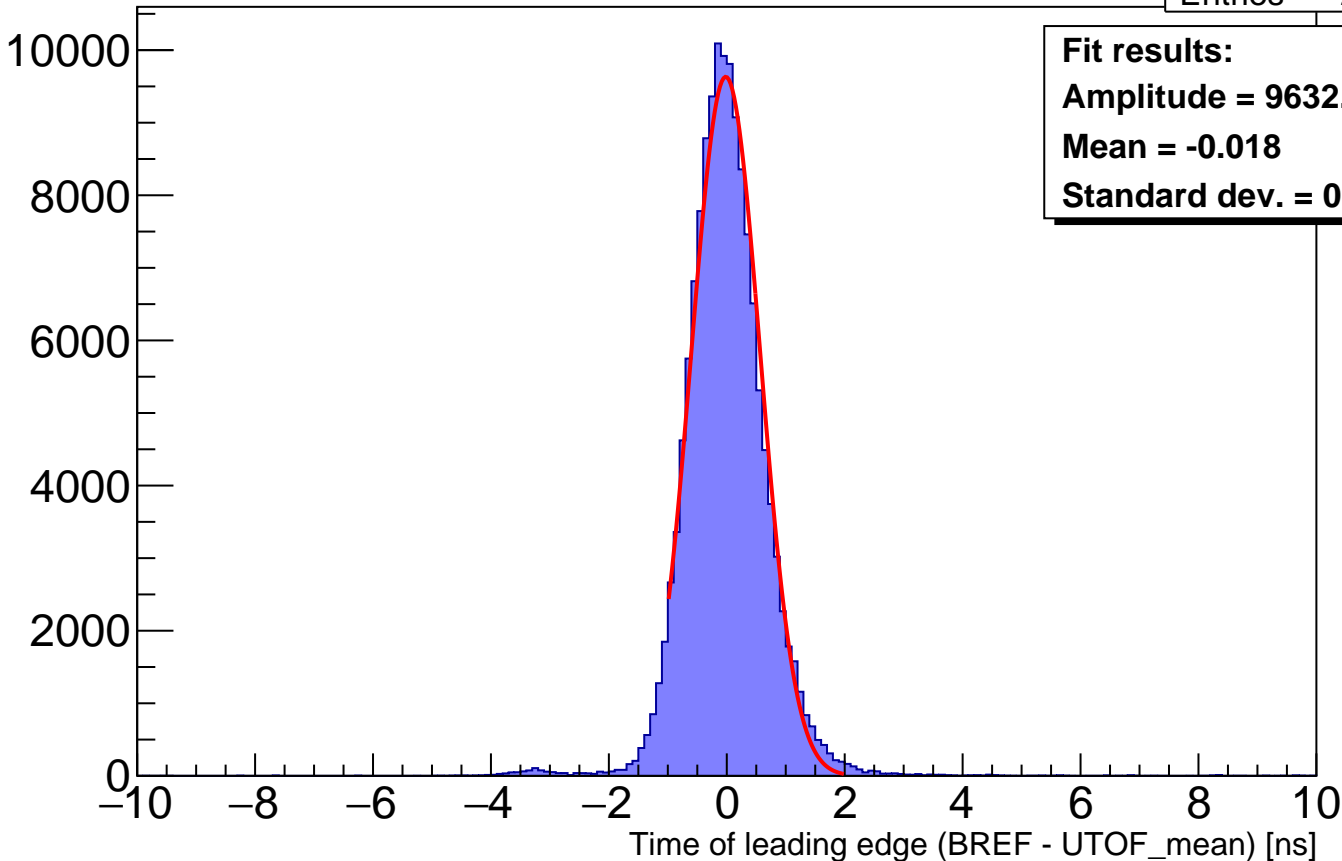
Entries 204737

**Fit results:**

**Amplitude = 9632.338**

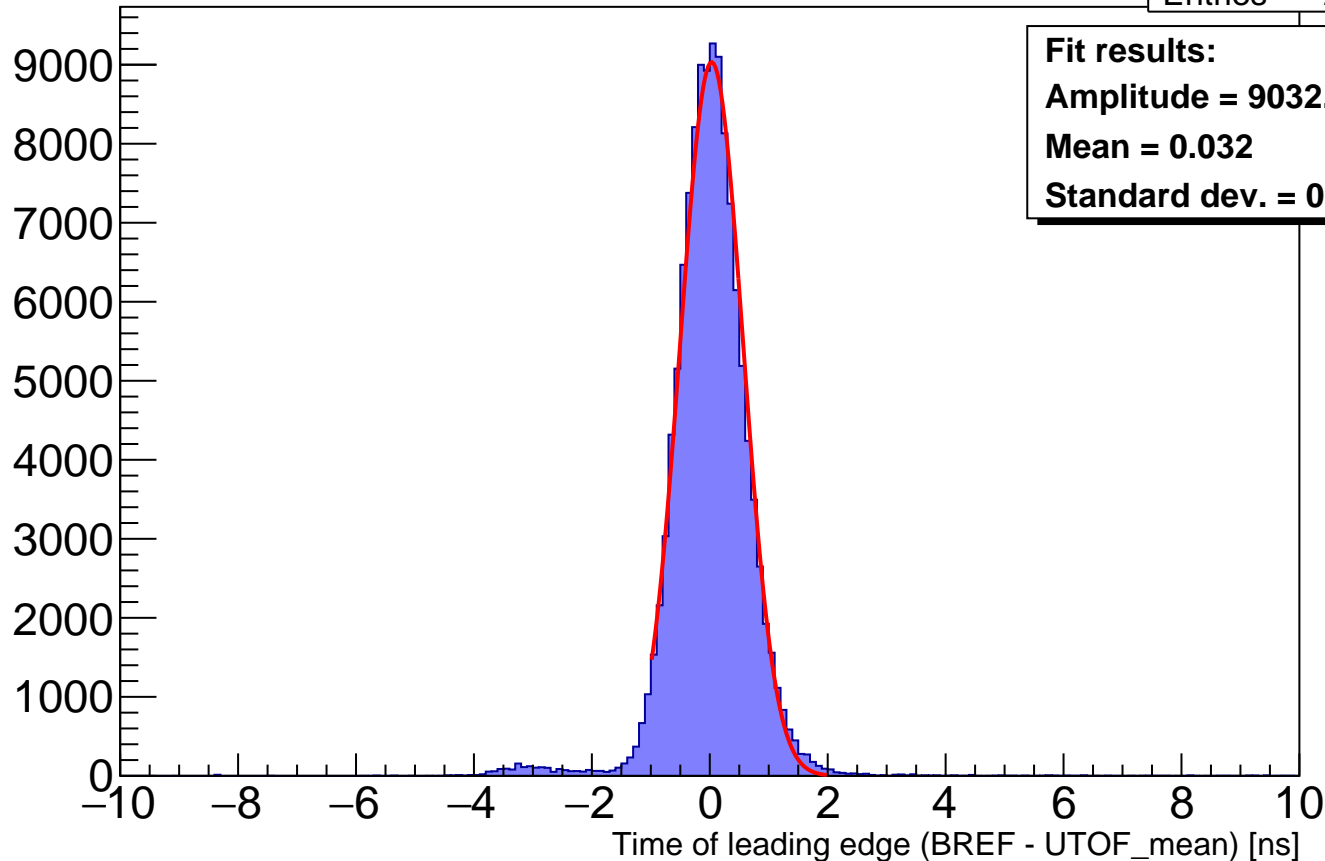
**Mean = -0.018**

**Standard dev. = 0.584**

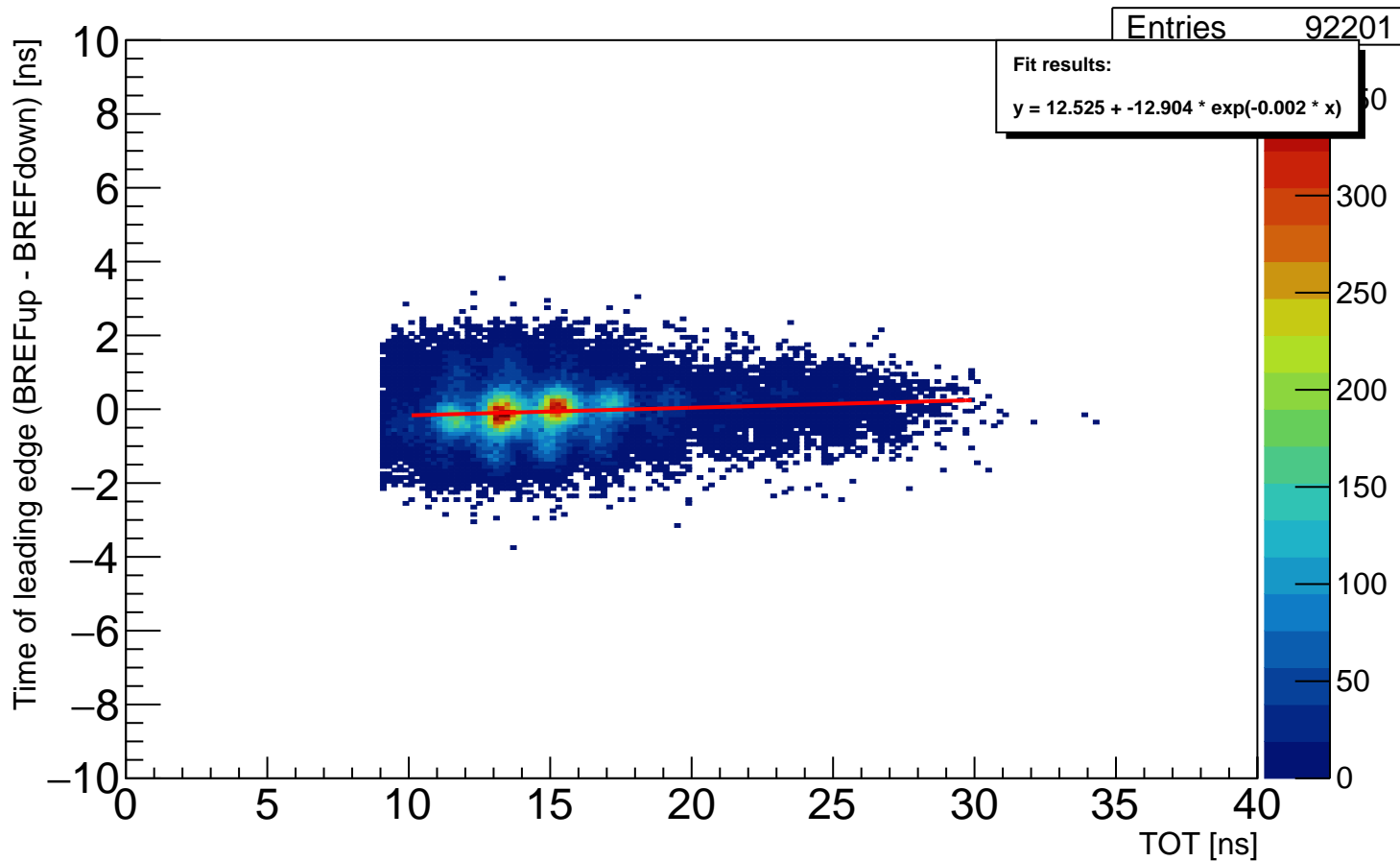


Leading timing edge of downstream BFT ref. (corrected,  $9 \leq \text{TOT}$ )

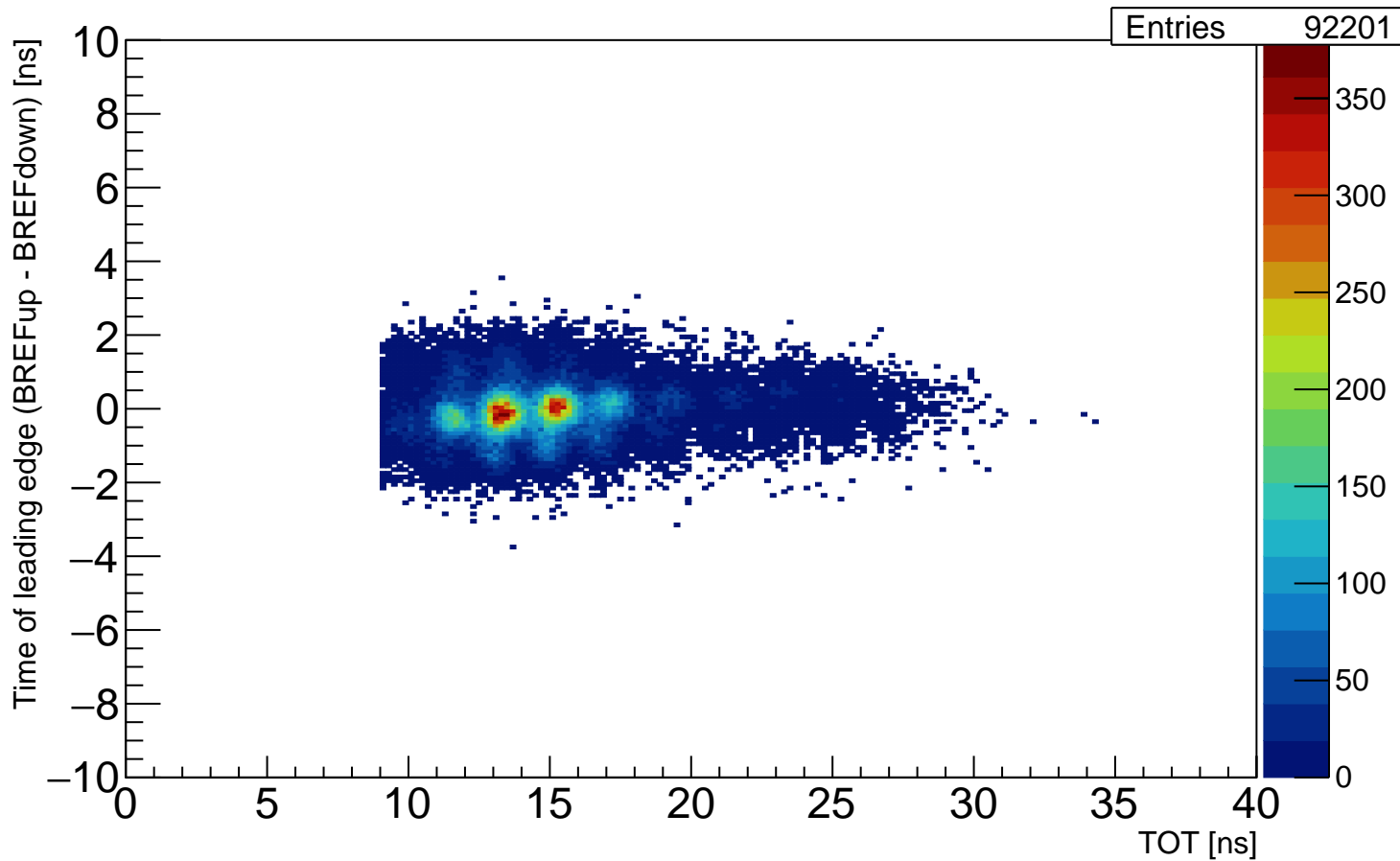
Entries 206600



# Time walk correction between Bref



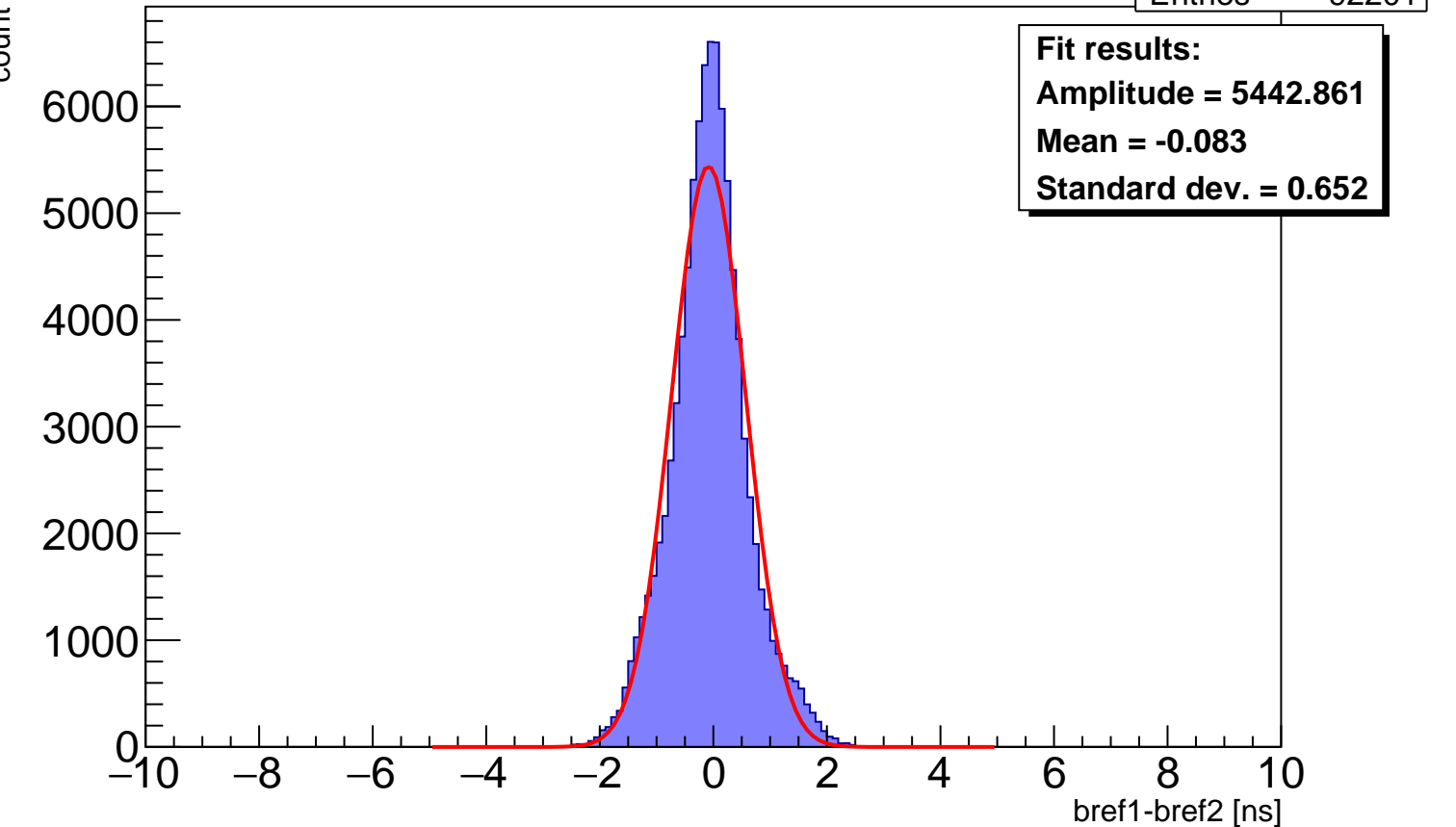
# Time walk correction between Bref



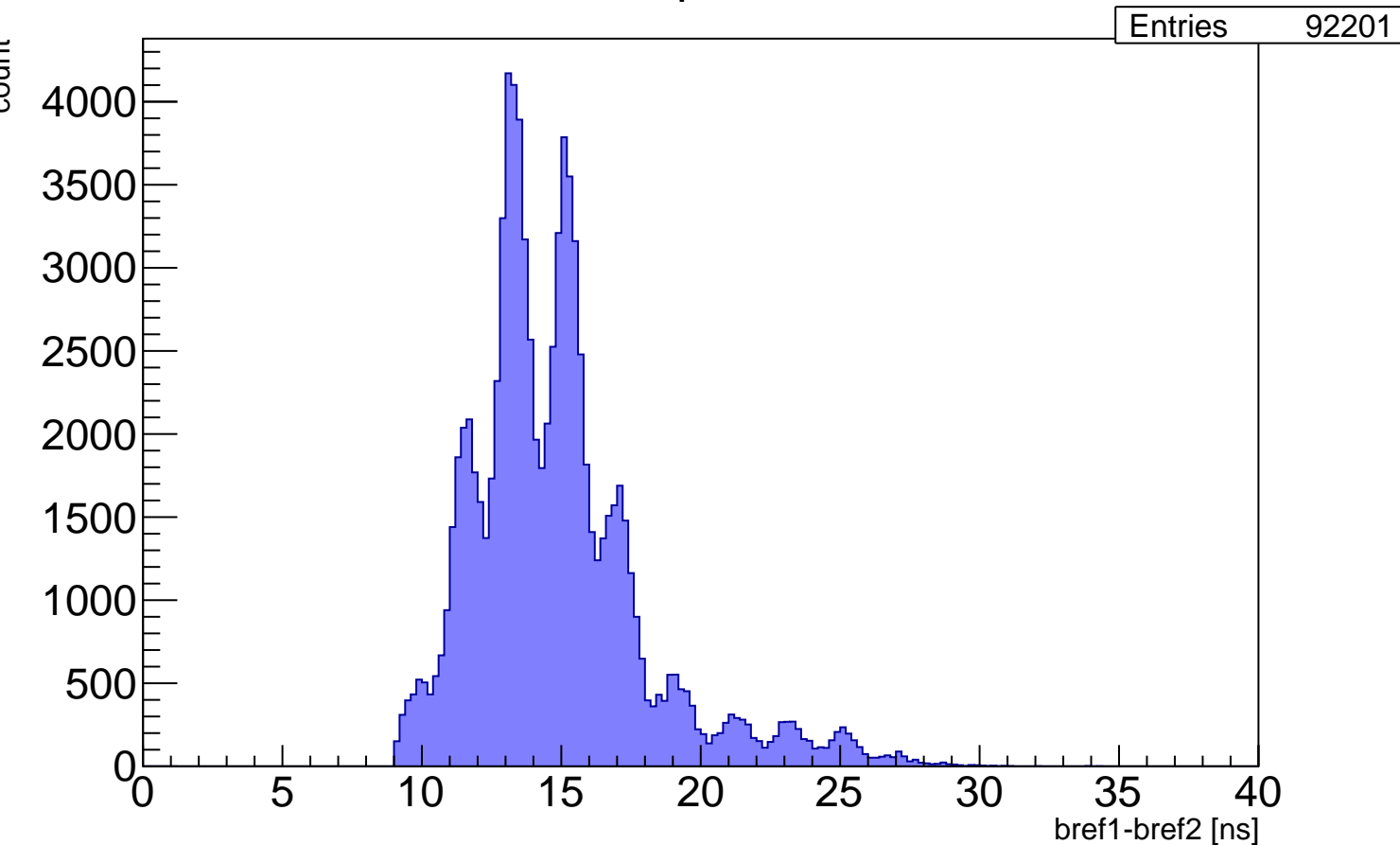


# Leading edge timing (bref1-bref2)

Entries 92201



# TOT of upstream bref



# LTDC correction between Bref

