

Triple coincidence summary.

Determination of absolute time is done using the LD2 target at $x > 1$.
 In Fig 1 presented corrected TOF (LD2):

$$TOF_{neutron} - TOF_{electron} - TOF_{based\ on\ Precoil} = 0$$

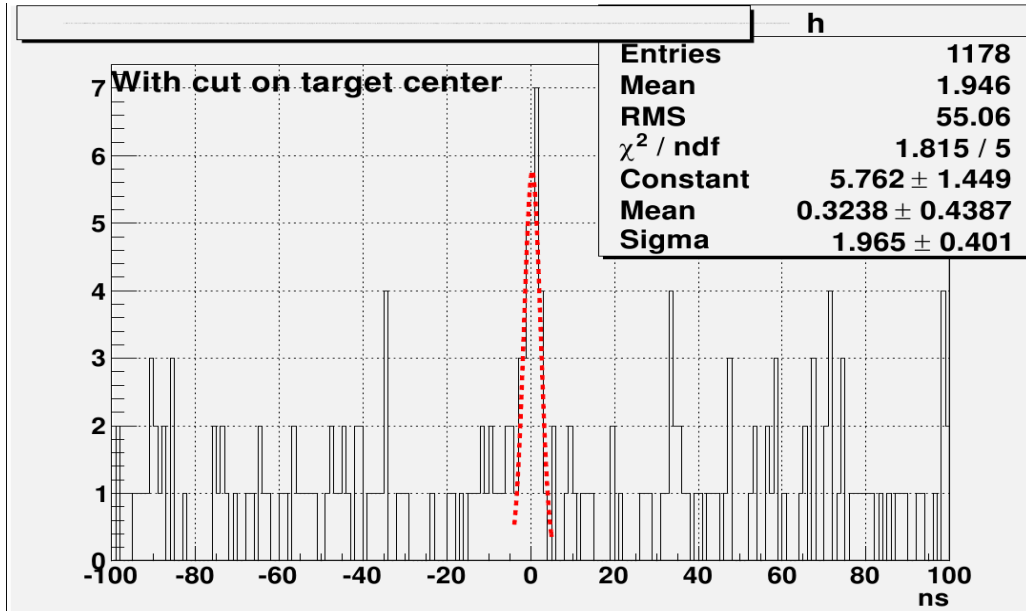


Fig 1

Based on this graph relevant offset was found.

In the next figures, coincidence time between HRSs are presented.
 The cuts that were used are:

- Left and Right HRSs acceptance
- vertex cut
- $X > 1$
- event type

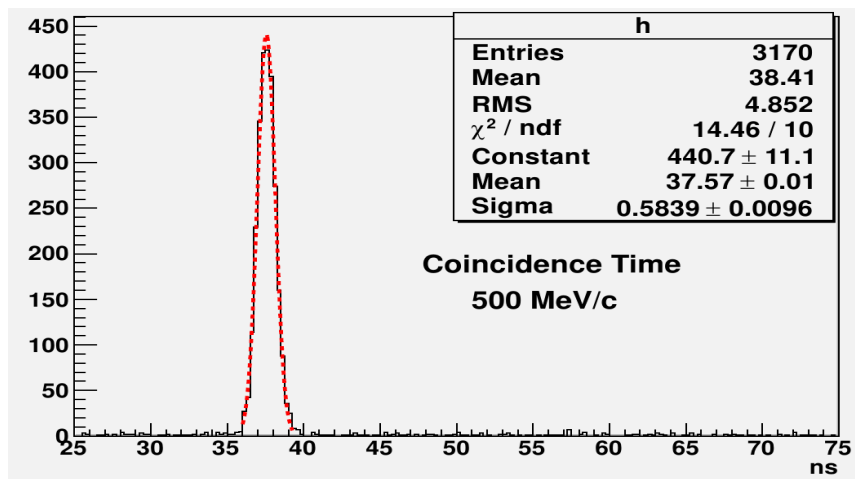


Fig 2

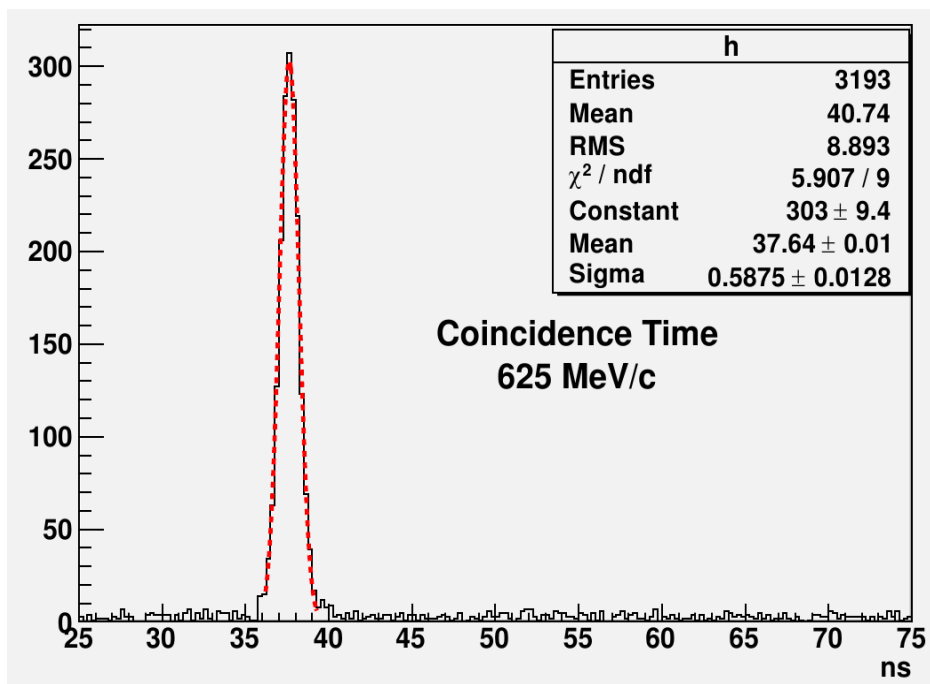


fig 3

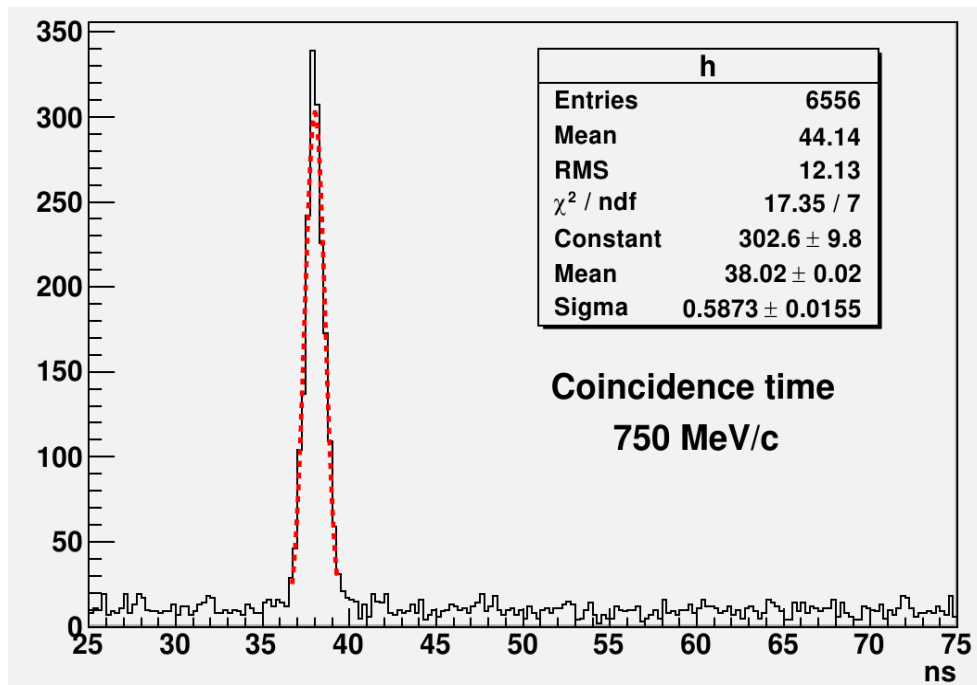


fig 4

next three figures presenting P_{miss} (with the same cuts as for coincidence time. In addition cut on coincidence time was applied):

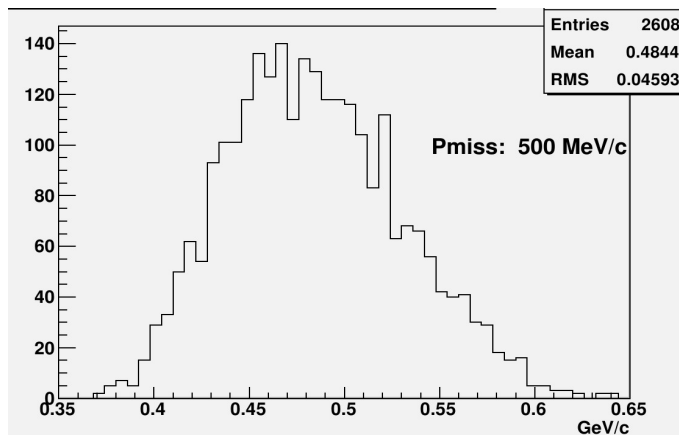


fig 5

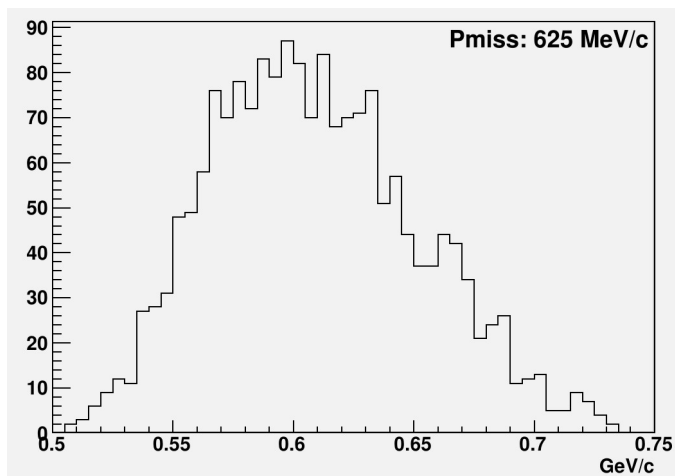


fig 6

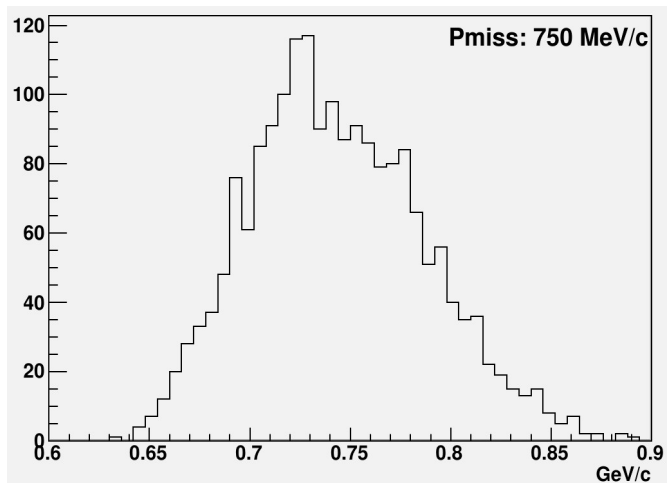


fig 7

TOF distribution for triple coincidence e,e'pn:

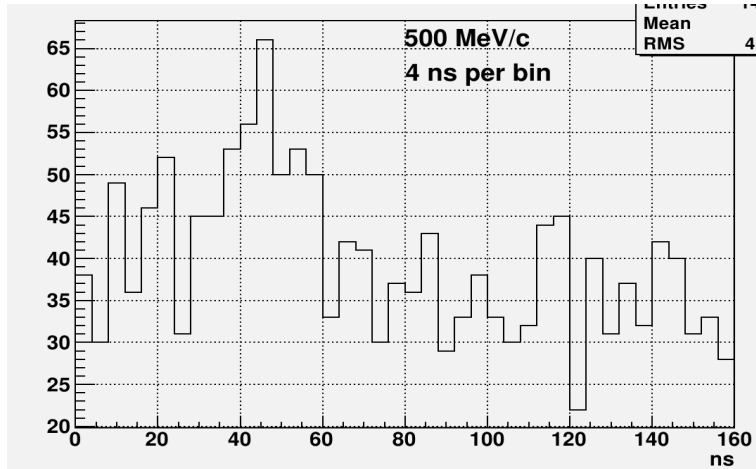


fig 8

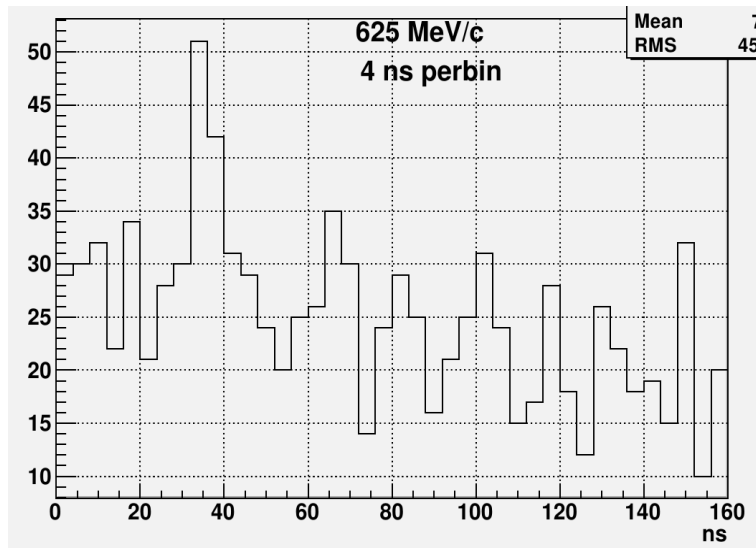


fig 9

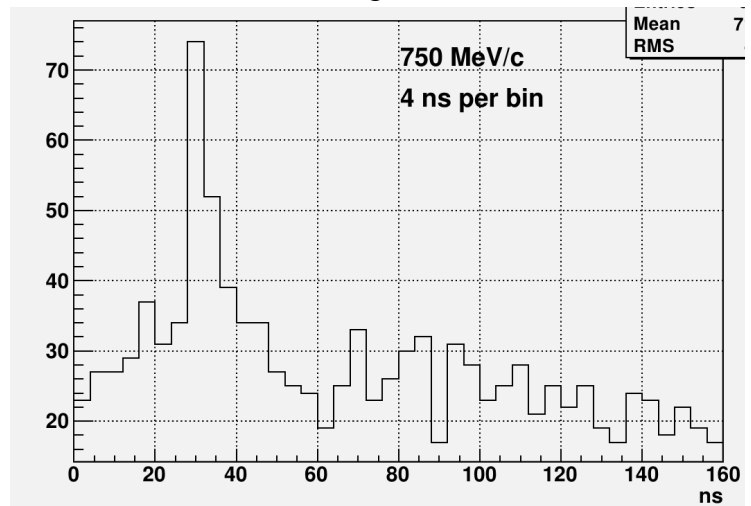


fig 10

neutron momentum distribution based on TOF.

The mean value of the distribution is very sensitive to the BG level. The values that presented in following graph are only approximated.)

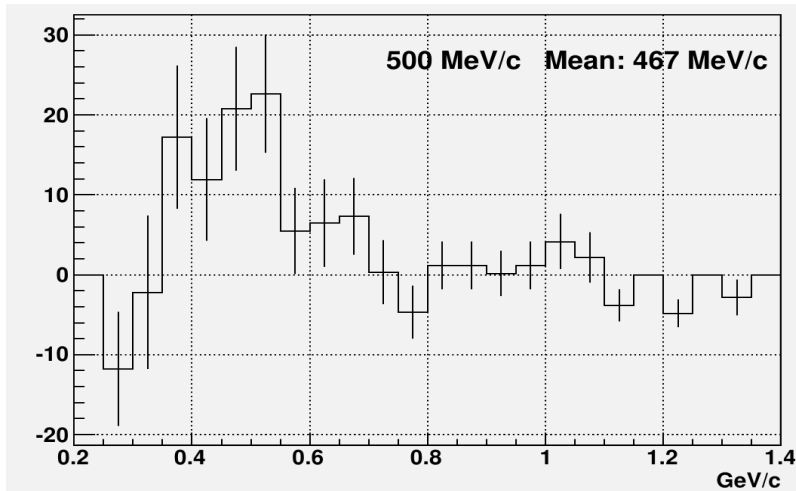


fig 11

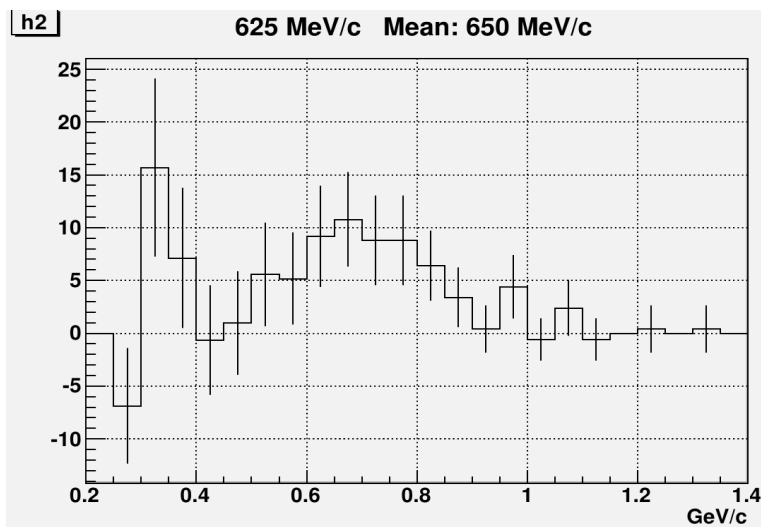


fig 12

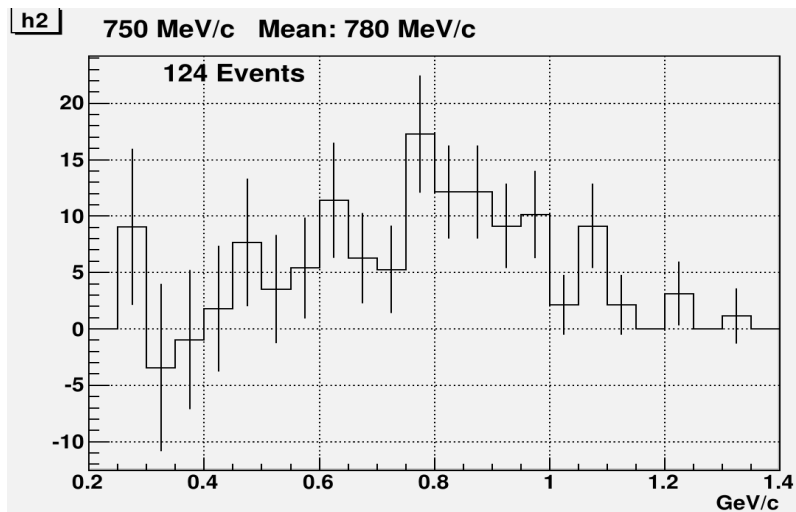


fig 13

Emiss distribution: Black line- no cut on X. Red line with additional cut on $x > 1.05$

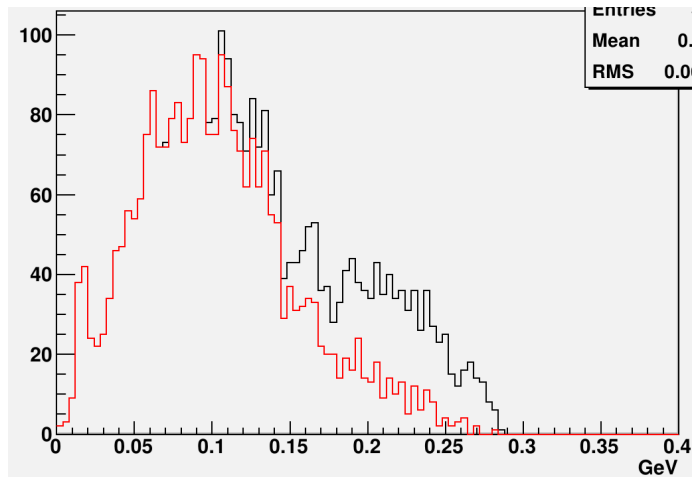


fig 14

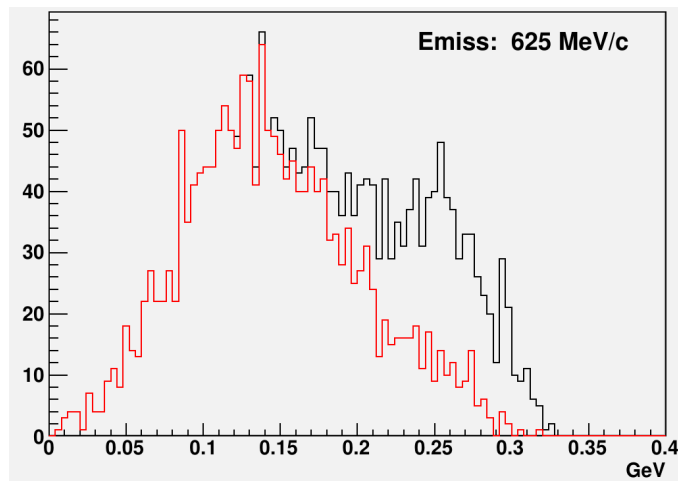


fig 15

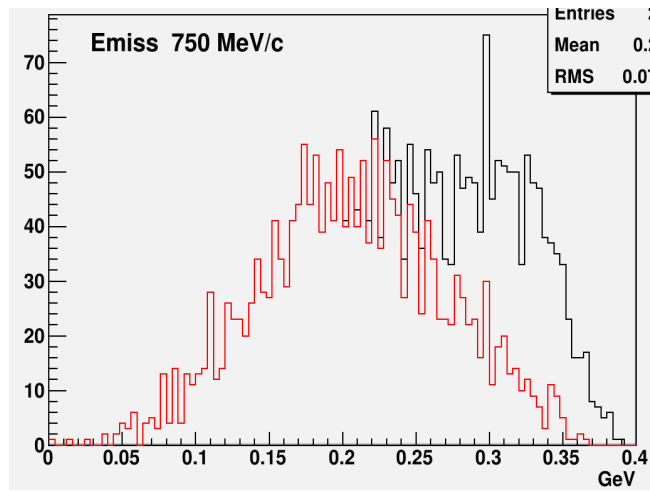


fig 16