

# Neutron rich search and Charge exchange

LNf crew

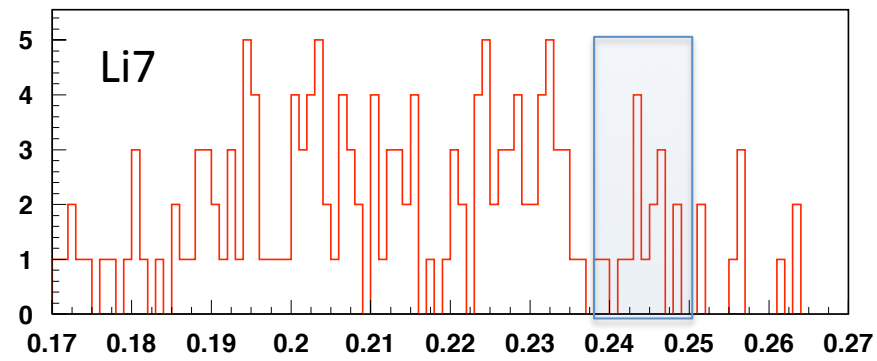
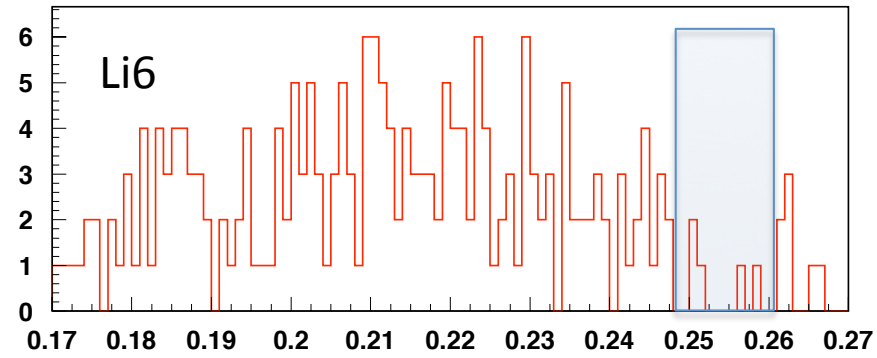
# Neutron rich

- We attempt to find NR as suggested during last OffLine meeting

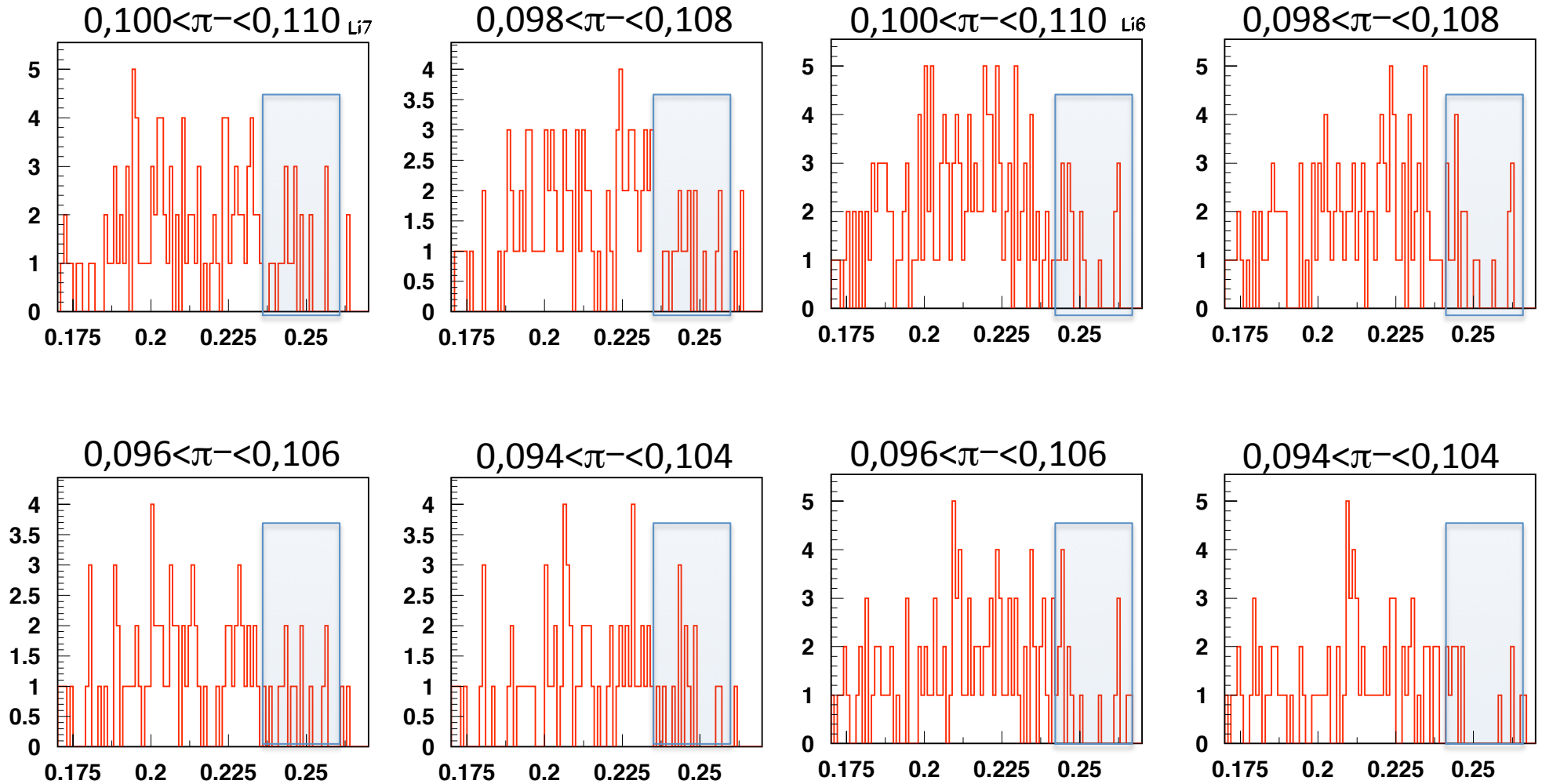
$\pi^+ \pi^-$  coincidence with  $\pi^-$  in the region of MWD (0,09 – 0,110 MeV/c)

In order to clean as much as possible we tried to perform slices of 10 MeV/C of the above interval

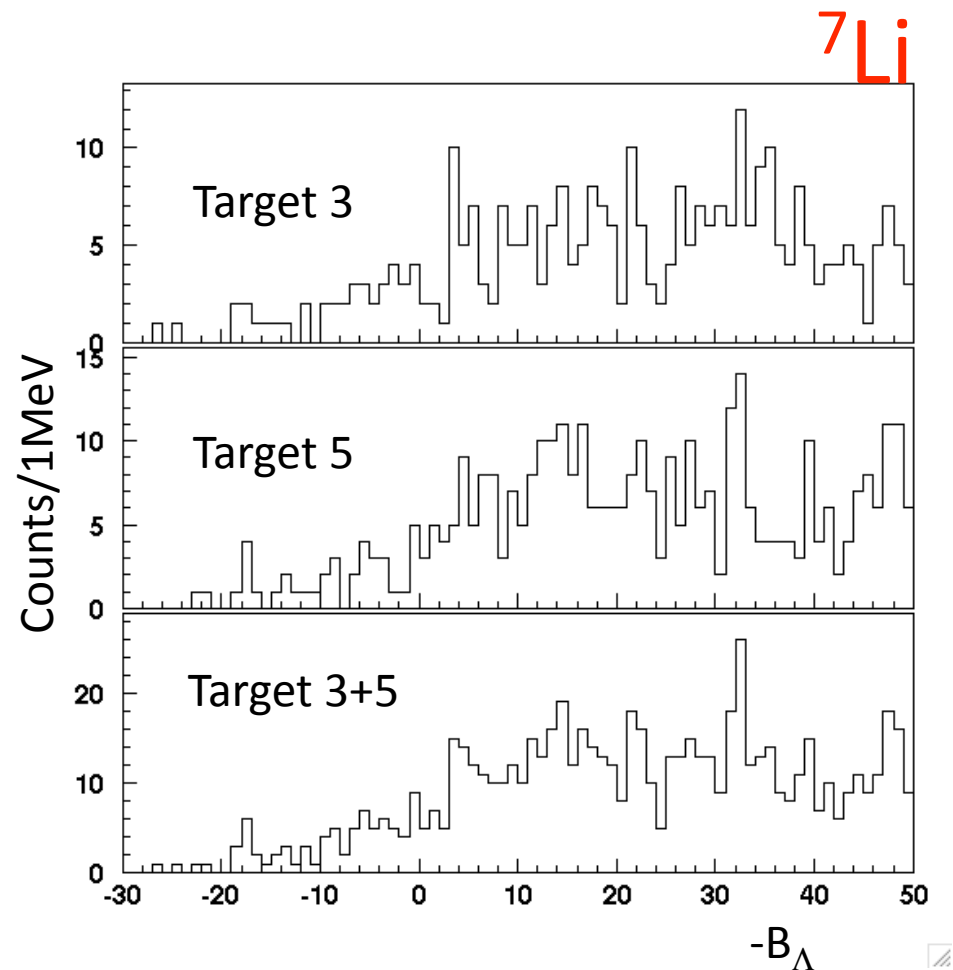
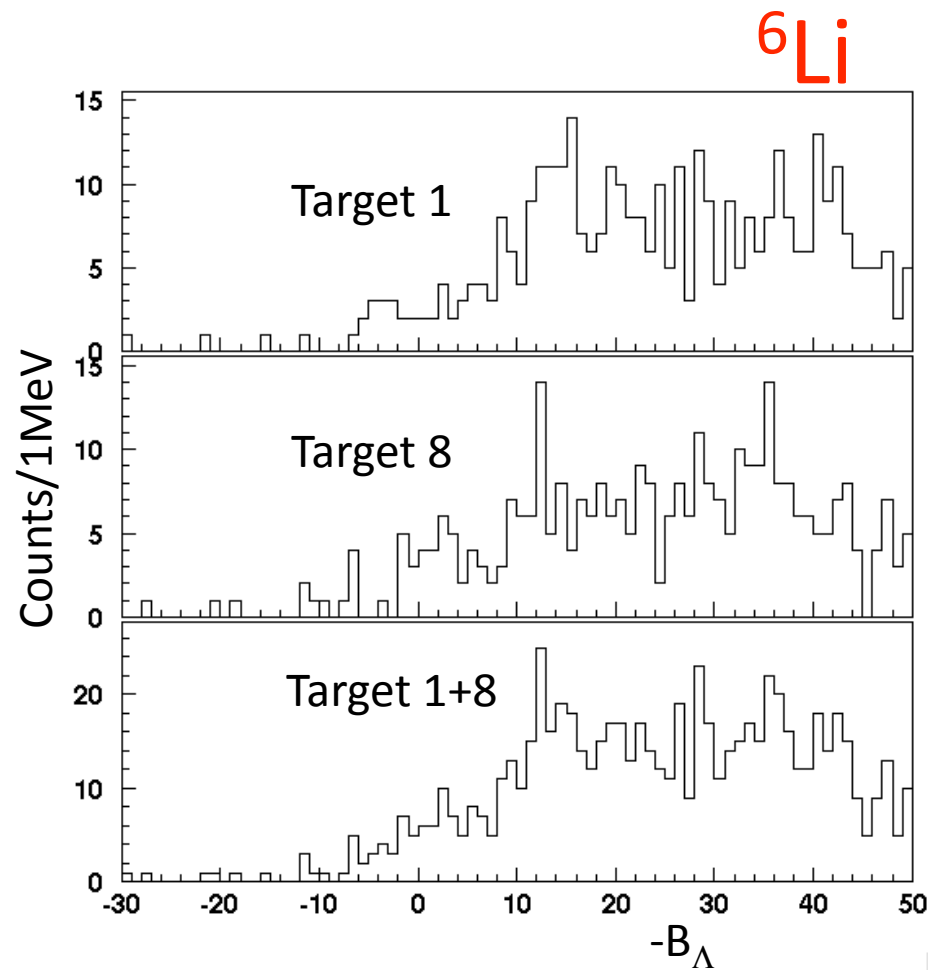
# Neutron rich



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# Update...looking at binding energy



Binding energy spectra with  $\pi^-$  in coincidence in the window 100-110 MeV/c

*The binding energy is calculated according to the equation used in the published work...*

*Thanks to B. Dalena for the collaboration*

- Maybe some events in the bound region are found...but are the targets correctly added?  
Maybe non aligned in  $B_{\Lambda}$

Any hints on how to improve the selection?