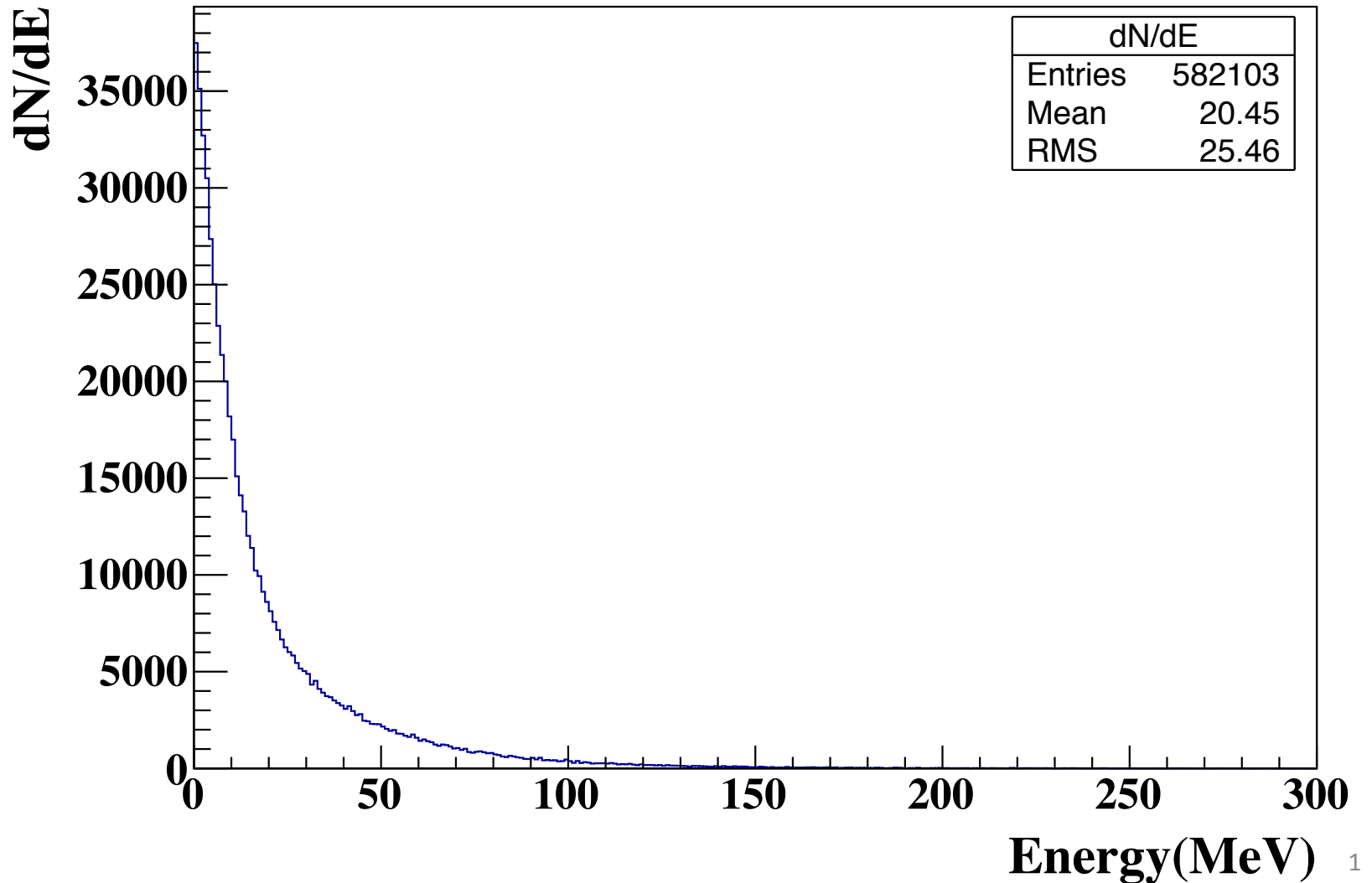


Neutron dN/dE

IQMD AuAu 150 MeV HardModel

5000events

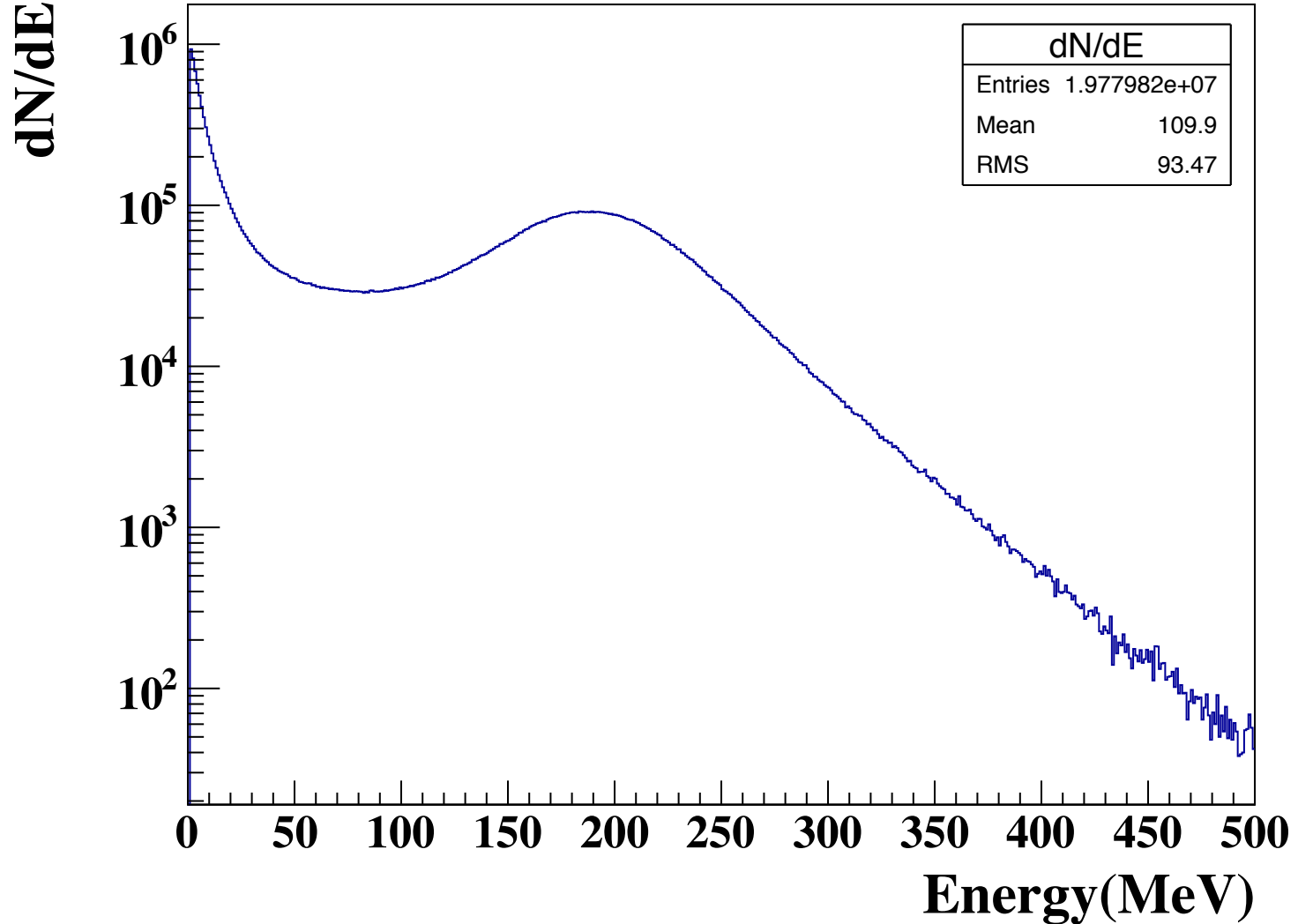


Neutron dN/dE

Phits

$^{132}\text{Sn}(200\text{A MeV}) + ^{124}\text{Sn}$ target

10^6 events



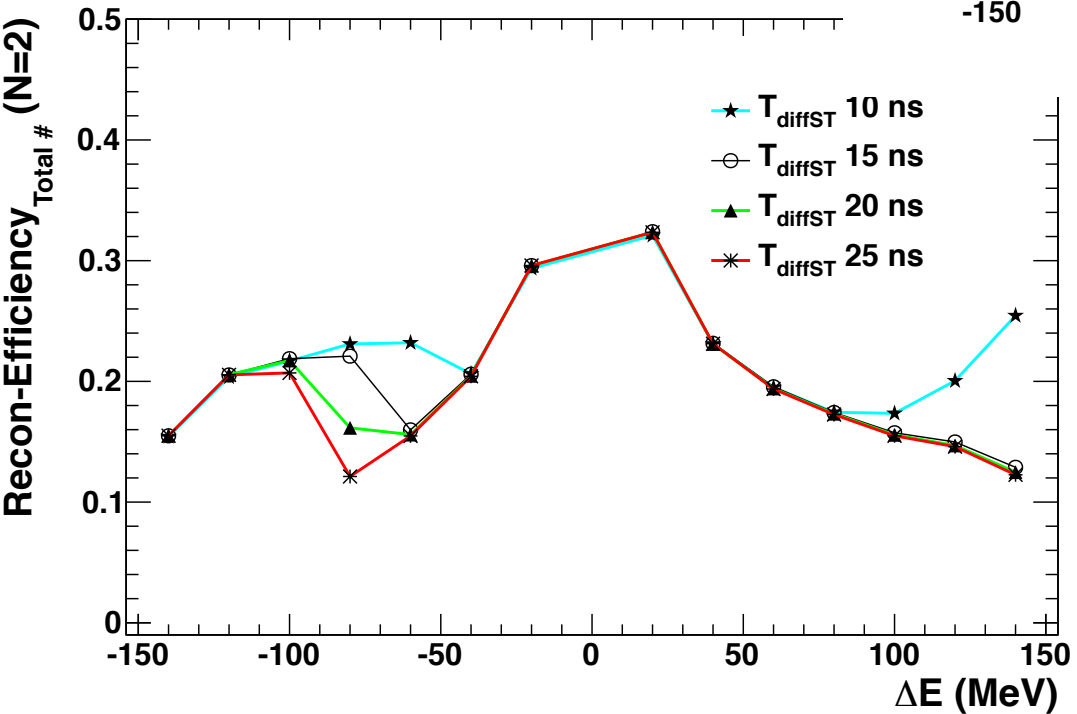
Reconstruction Efficiency

(denominator : Total events)

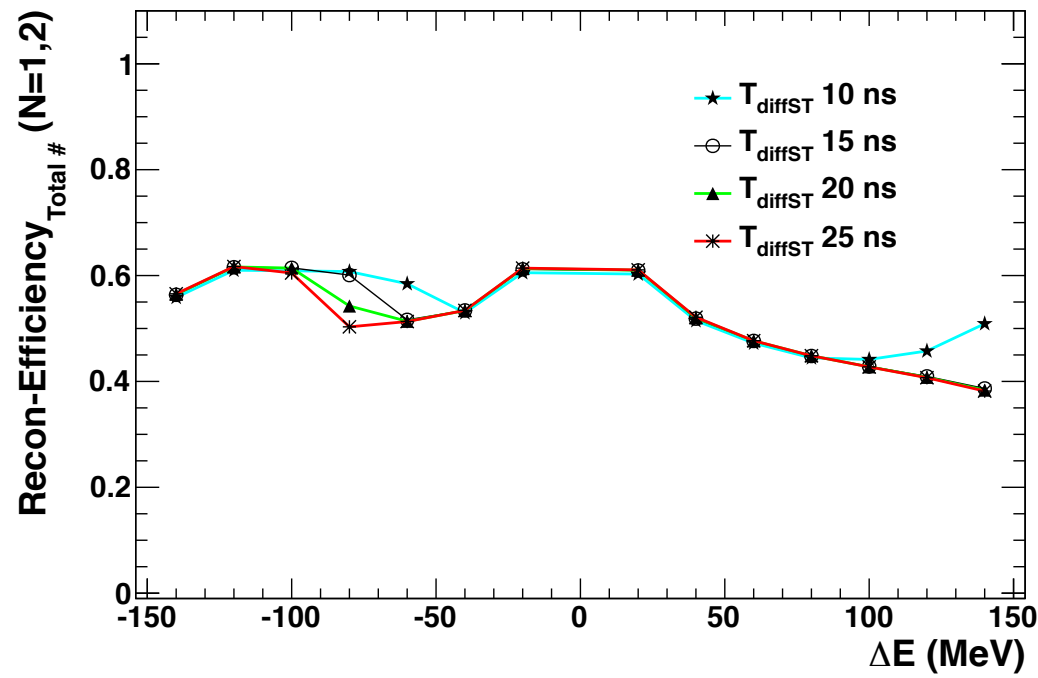
2N number of events : 10^4

E_{th} : 1.5 MeV

2N (170MeV, 170MeV + ΔE)



2N (170MeV, 170MeV + ΔE)



Reconstruction Efficiency

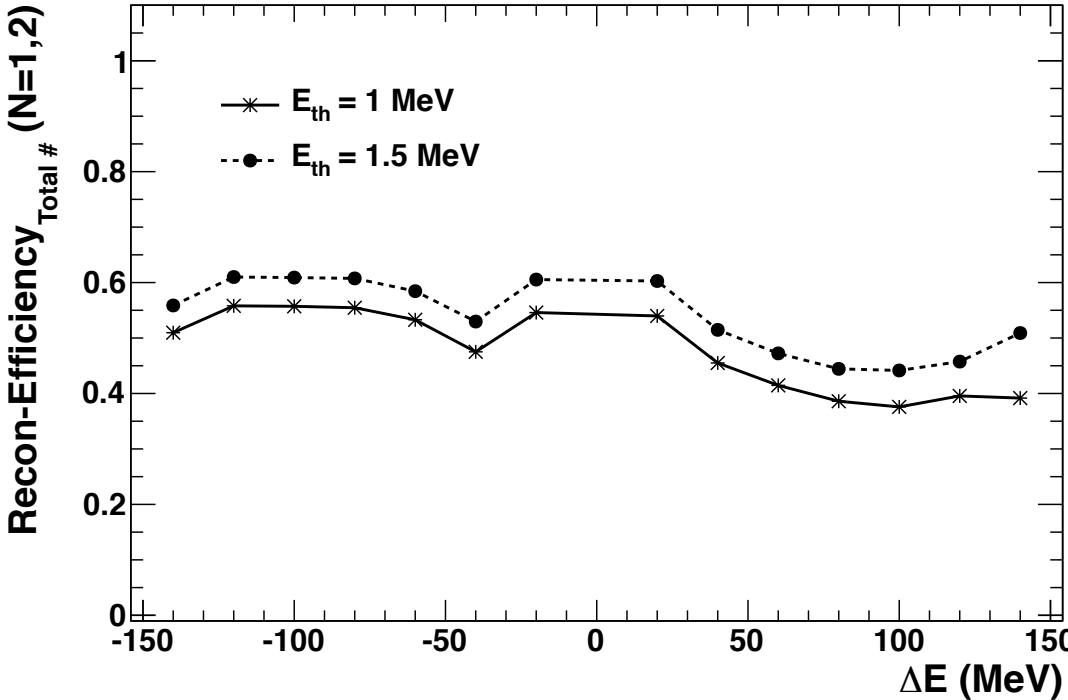
(denominator : Total events)

2N number of events : 10^4

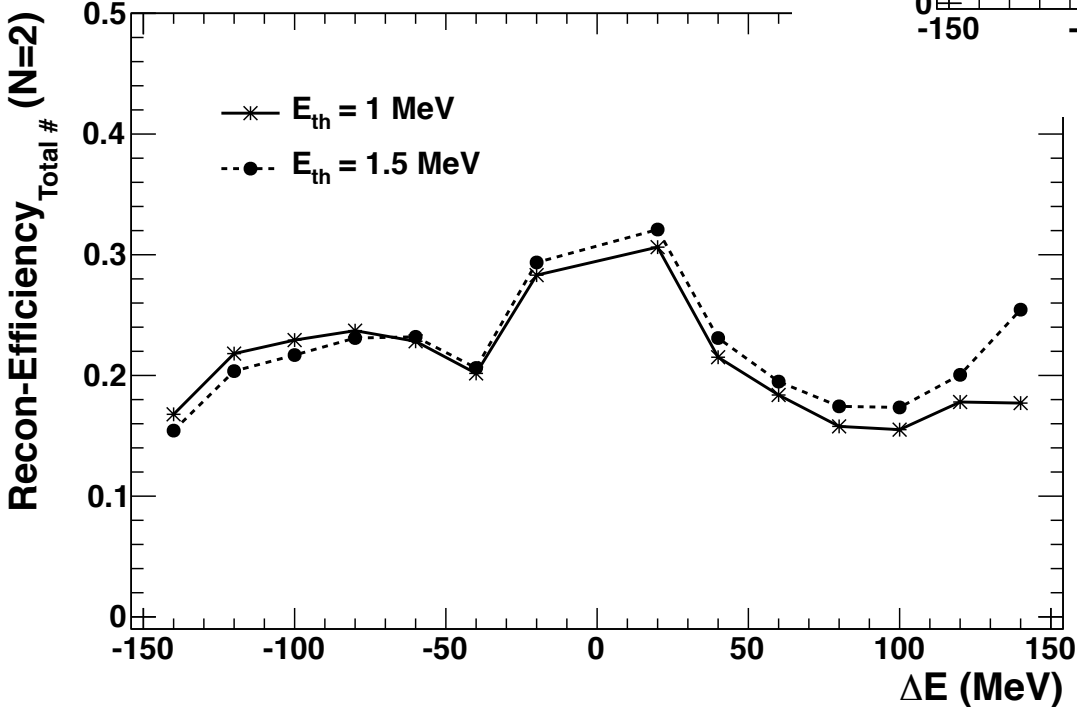
E_{th} : 1 MeV, 1.5 MeV

Diff ST time : 10 ns

2N (170MeV, 170MeV + ΔE)



2N (170MeV, 170MeV + ΔE)



Reconstruction Efficiency

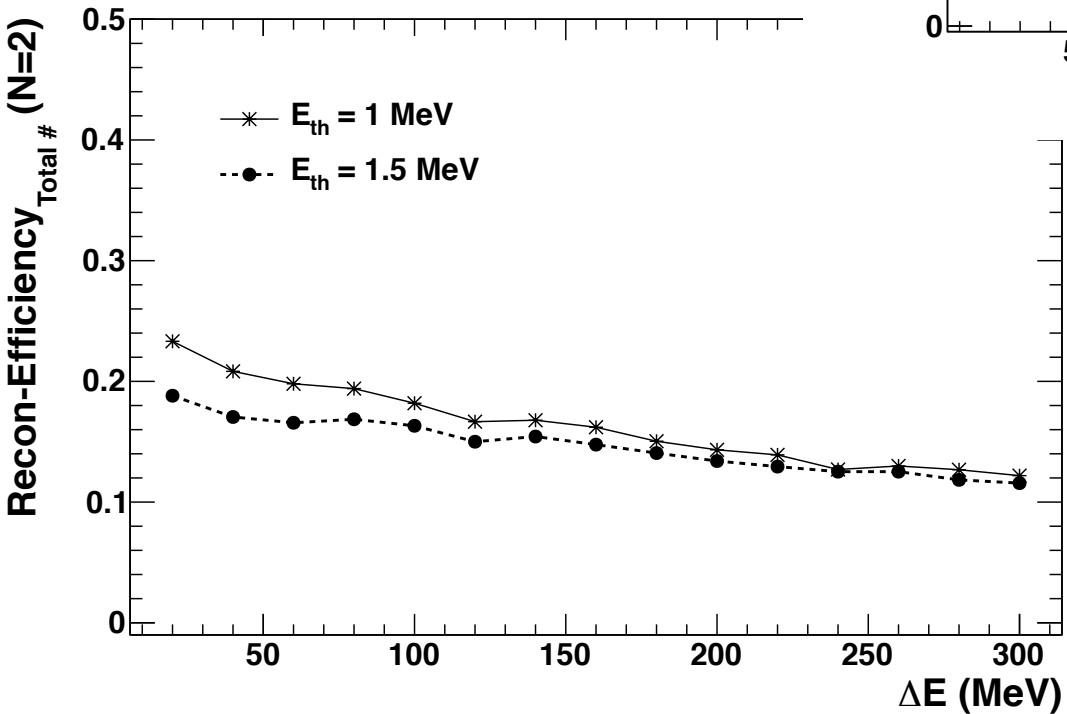
(denominator : Total events)

2N number of events : 10^4

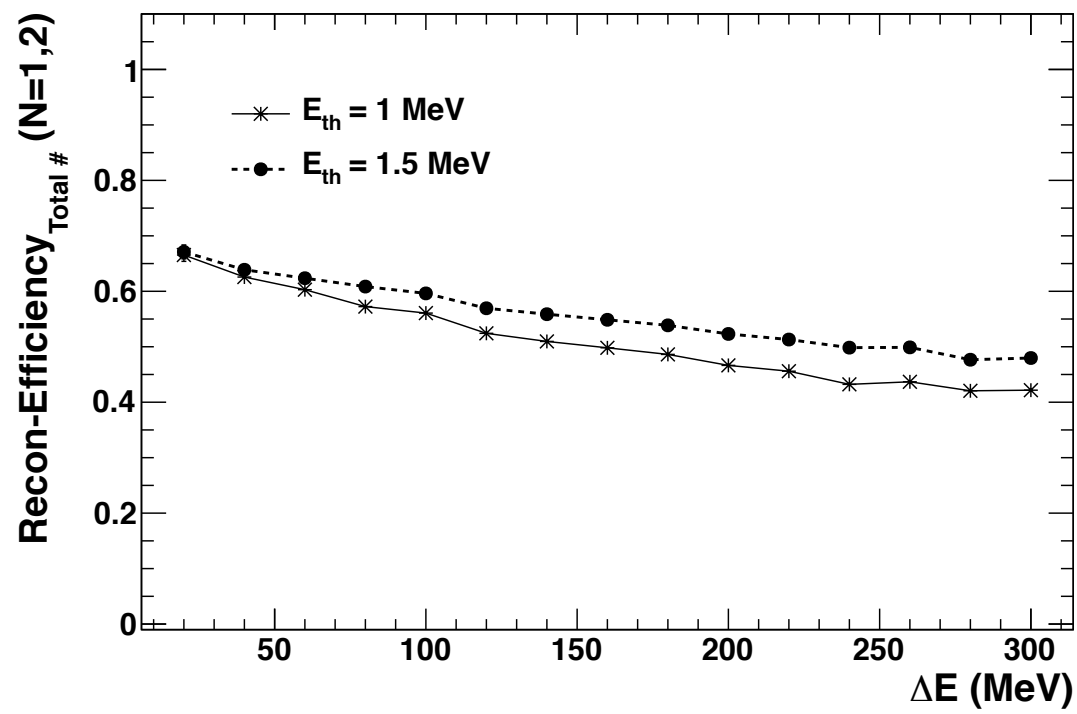
E_{th} : 1 MeV, 1.5 MeV

Diff ST time : 10 ns

2N (30MeV, 30MeV + ΔE)

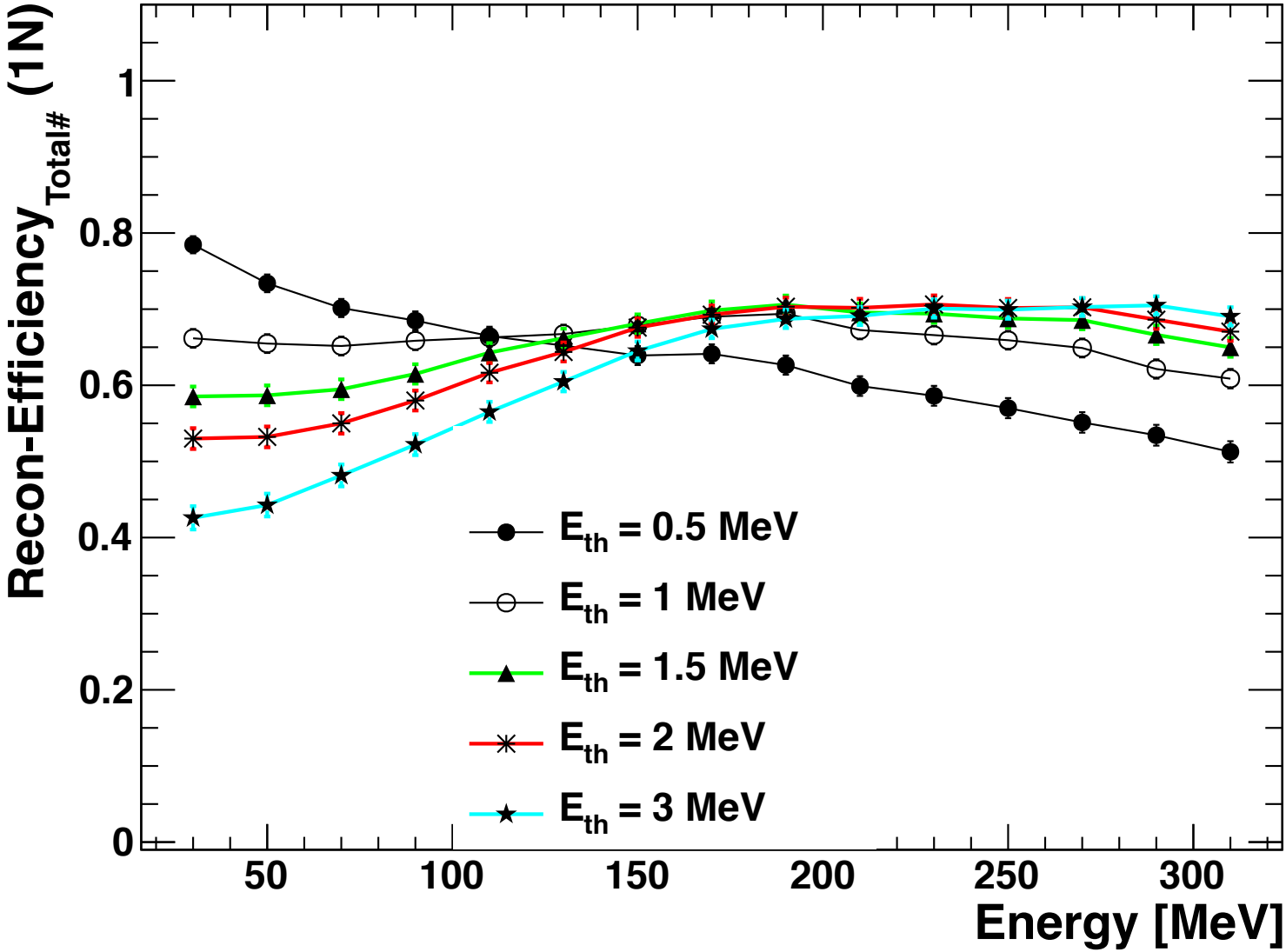


2N (30MeV, 30MeV + ΔE)



- Last meeting - Reconstruction efficiency with different threshold

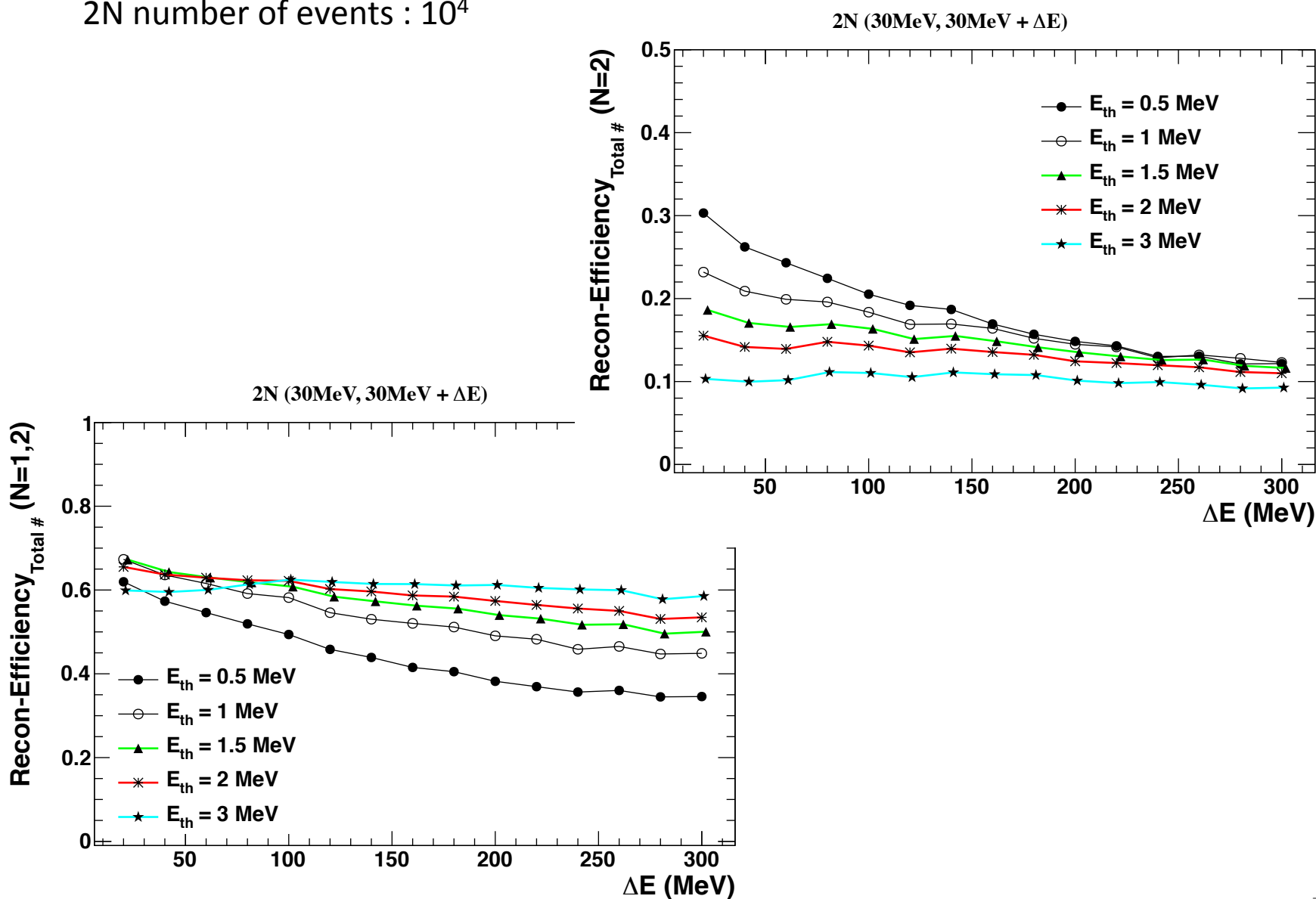
1N number of events : 10^4



- Last meeting -

Reconstruction efficiency with different threshold

2N number of events : 10^4

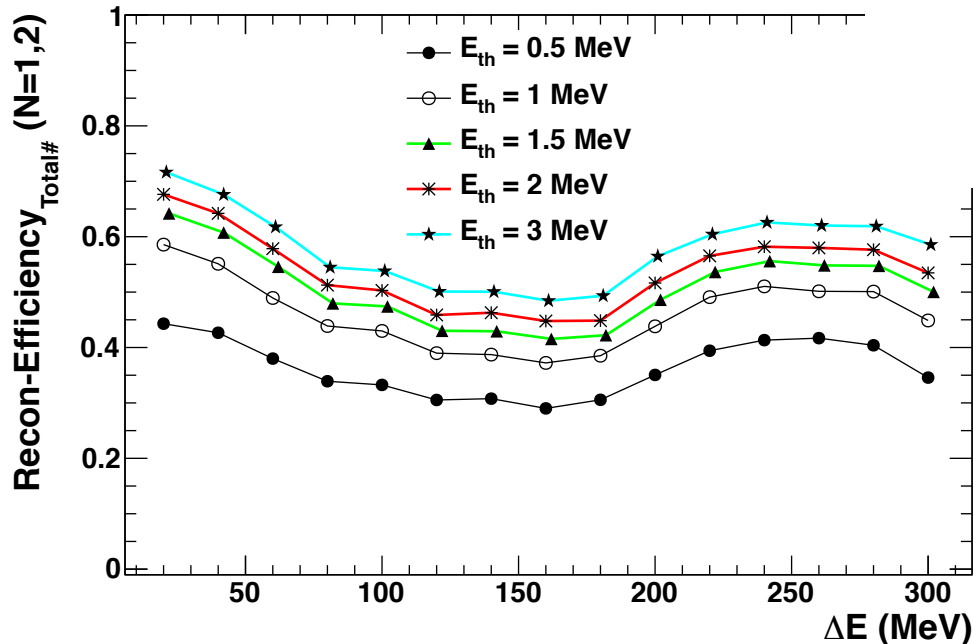


- Last meeting -

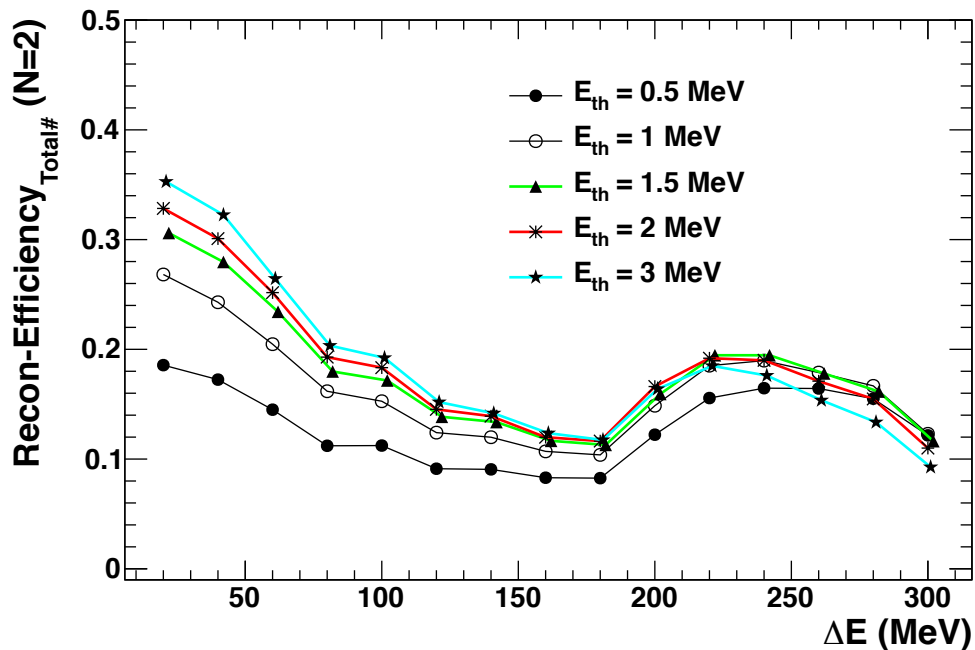
Reconstruction efficiency with different threshold

2N number of events : 10^4

2N (330MeV, 330MeV - ΔE)



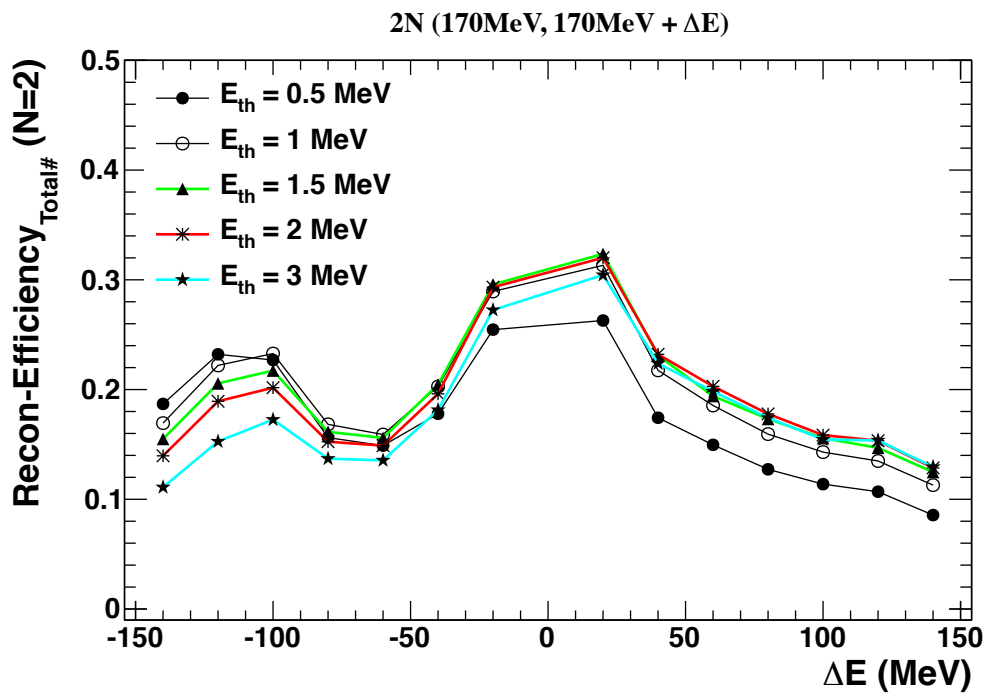
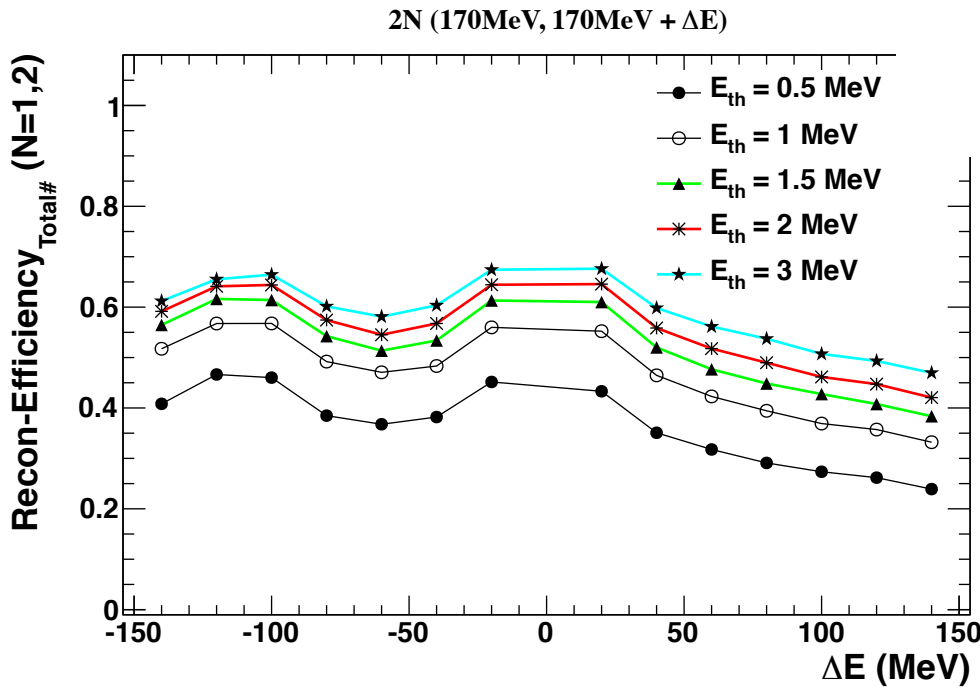
2N (330MeV, 330MeV - ΔE)



- Last meeting -

Reconstruction efficiency with different threshold

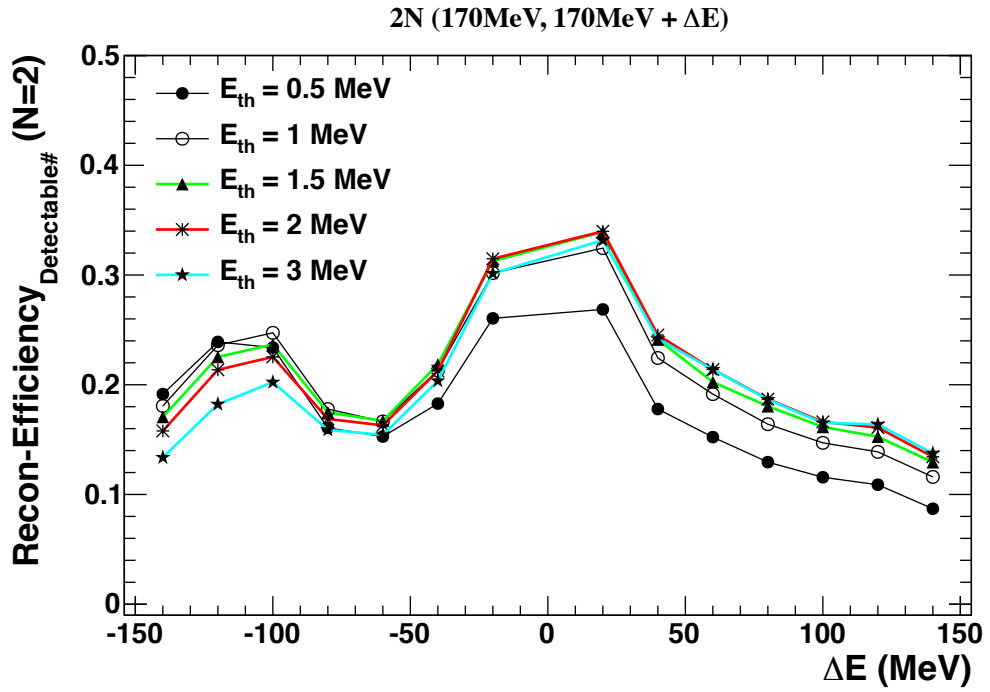
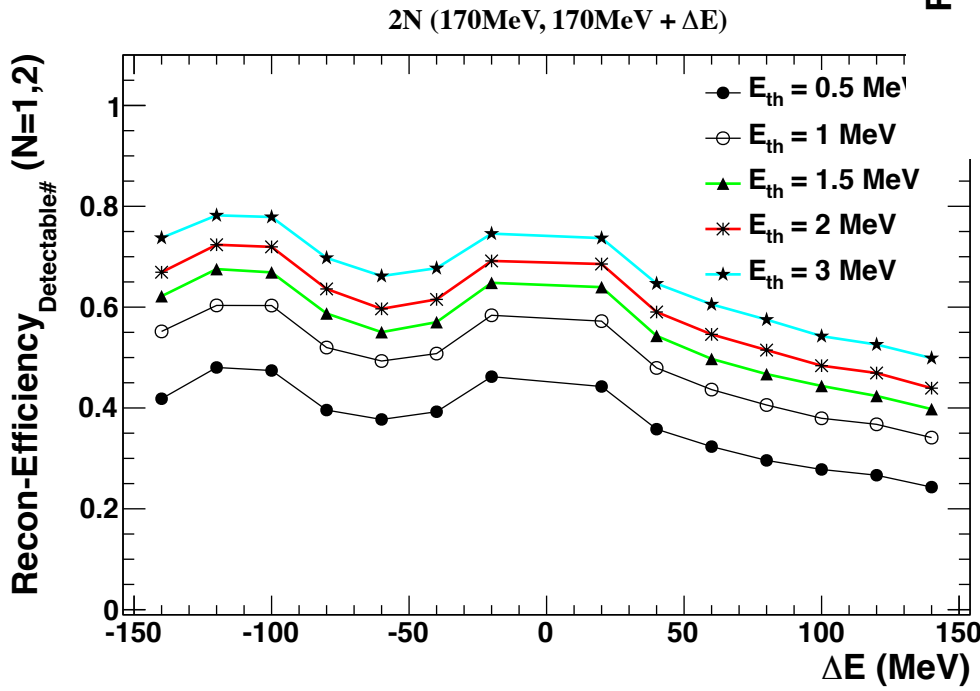
2N number of events : 10^4



- Last meeting -

Reconstruction efficiency with different threshold

2N number of events : 10^4



- Last meeting -

Detector efficiency with different threshold

Number of events : 10^4

