

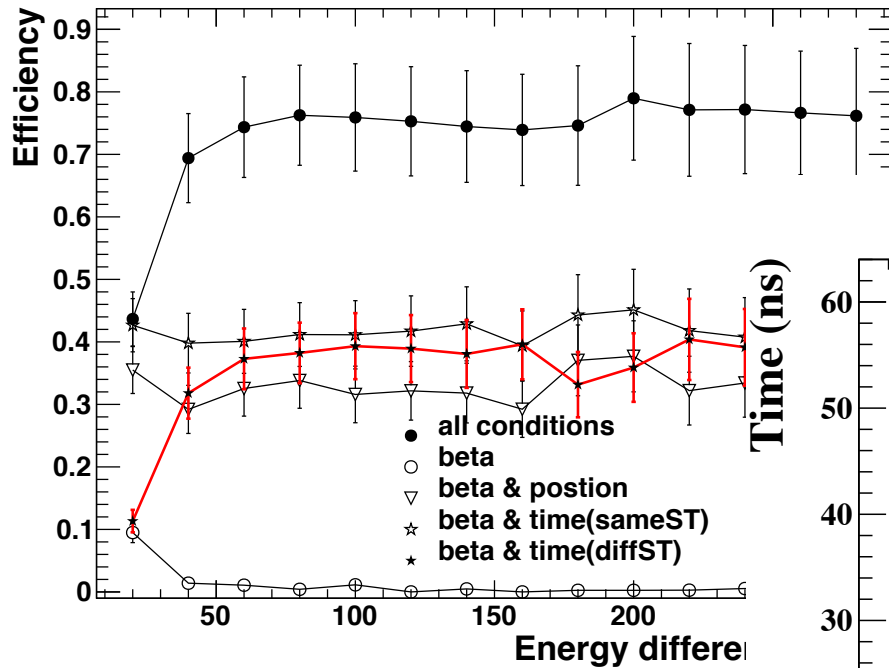
2015.11.13
lab meeting

Hyunha shim

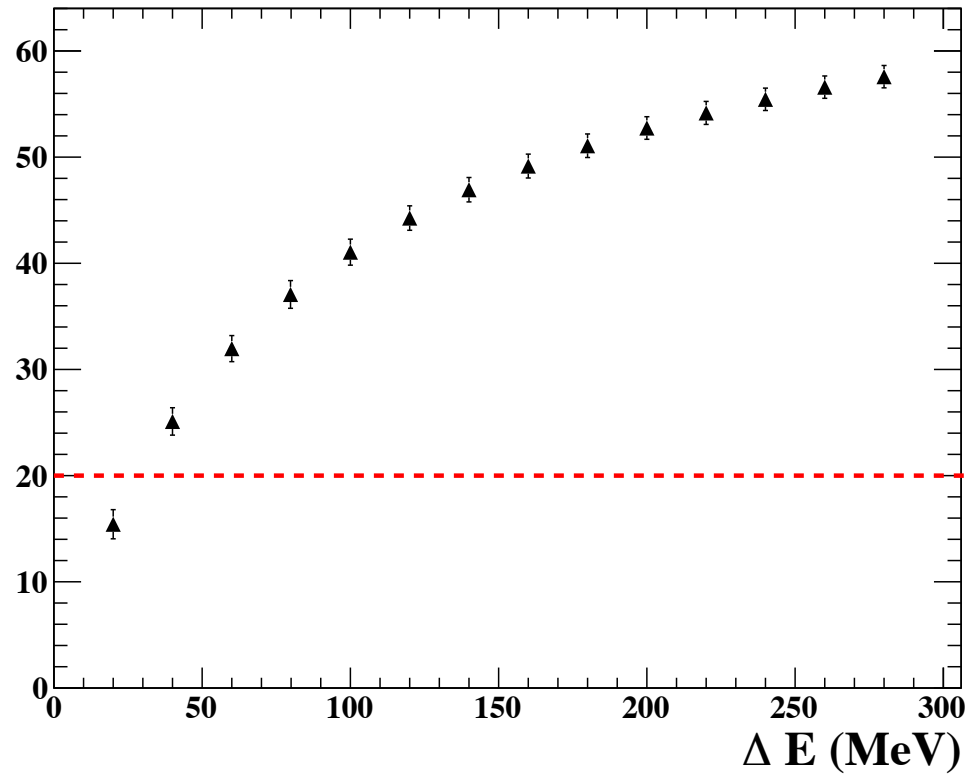
두 중성자가 들어왔을때 정확히 구분하는 효율

신호를 2개 이상 남긴 event만 모아서 계산

두 중성자의 에너지 : (50 MeV , 50MeV+energy difference)



Time gap (50 MeV, 50MeV + ΔE)



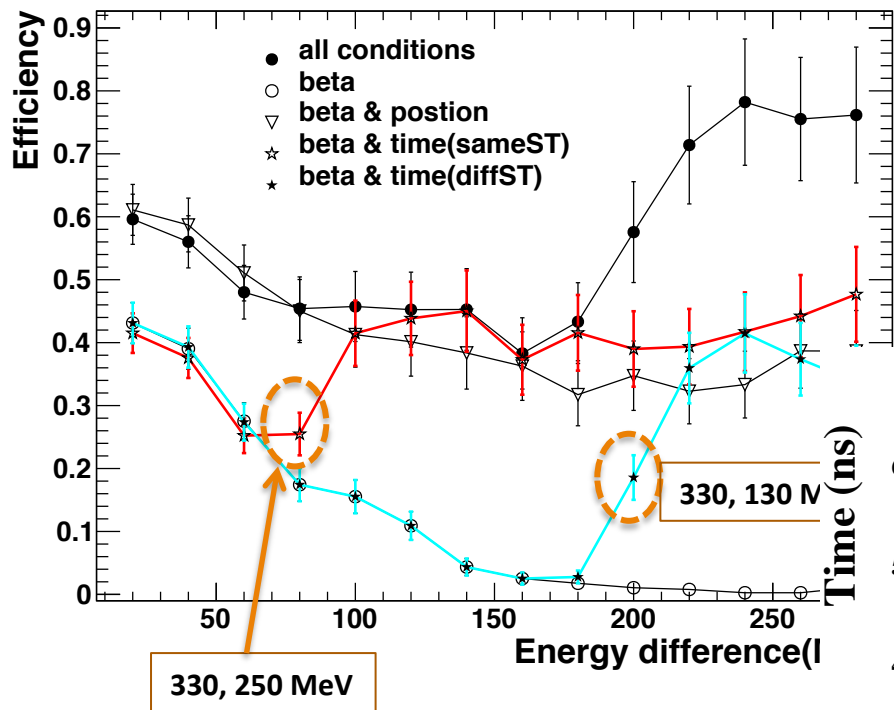
50 MeV, 70 MeV 경우

$\text{leastT} < t_{\text{diff}} < \text{leastT} + 15 \text{ ns}$

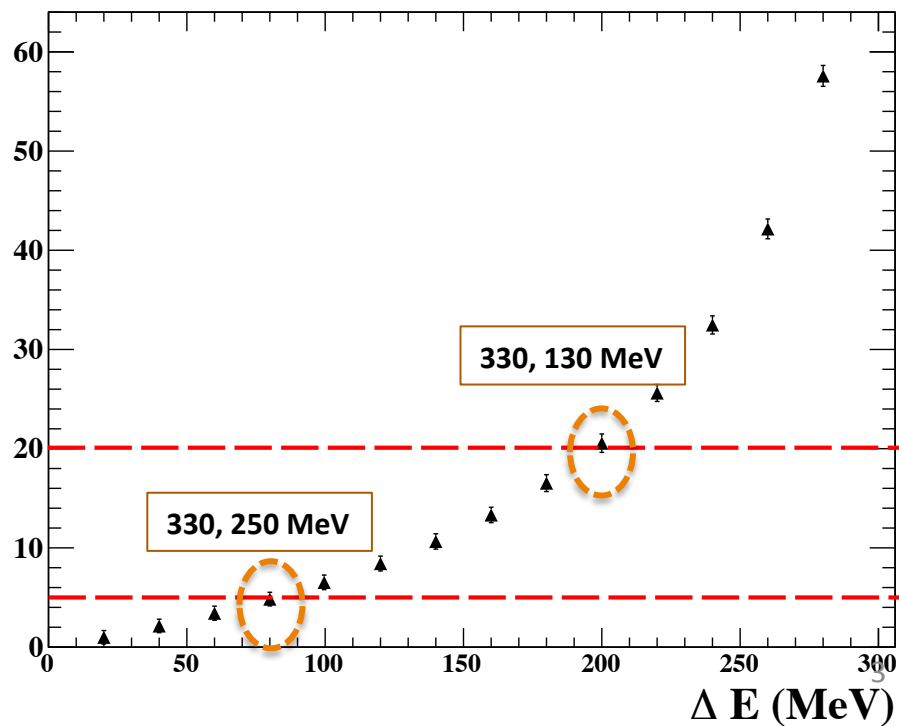
$\rightarrow \sim 22\%$

두 중성자가 들어왔을때 정확히 구분하는 효율

(330 MeV, 330MeV - Energy difference)



Time gap (330 MeV, 330 MeV - ΔE)



1st station 에 도달하는데 걸리는 시간

