



EMC Background Studies

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CASSA RISPARMIO PERUGIA



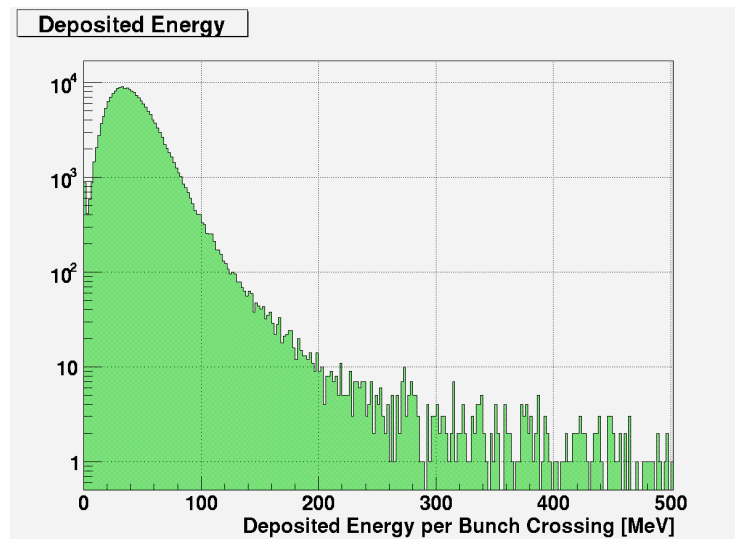
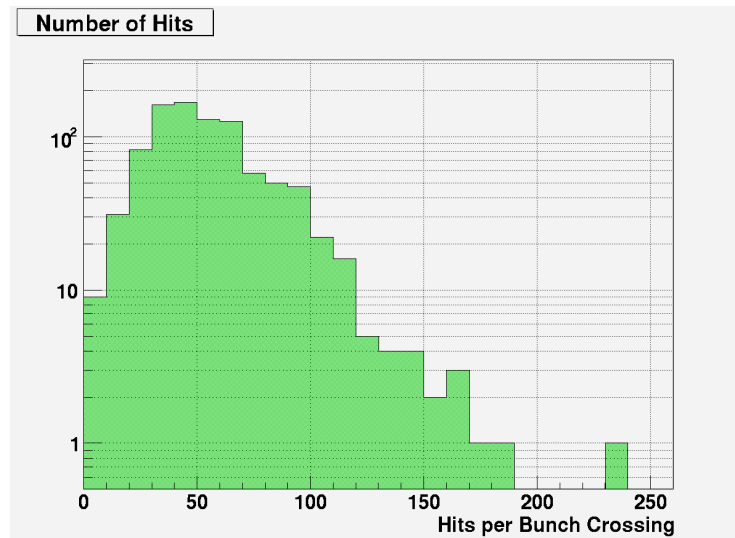
Outline



- Data
 - Only shielded 10% Delta_Emin
- Deposited energy
 - Bunch crossing
 - Crystal integration time
 - 1 ms CsI
 - 0.1 ms LSO
 - Clustering
 - Bug for Fwd
- To Be Done
 - Physics list comparison
 - Shielded unshielded comparison
 - Truth matching/ particle flux

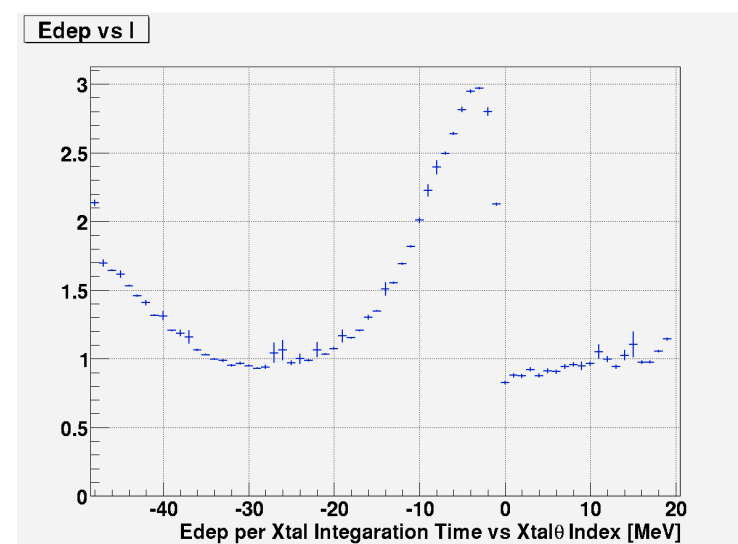
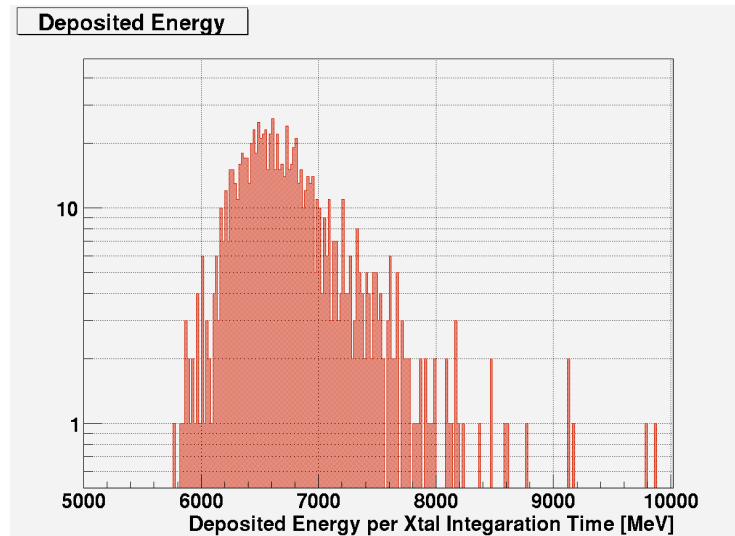
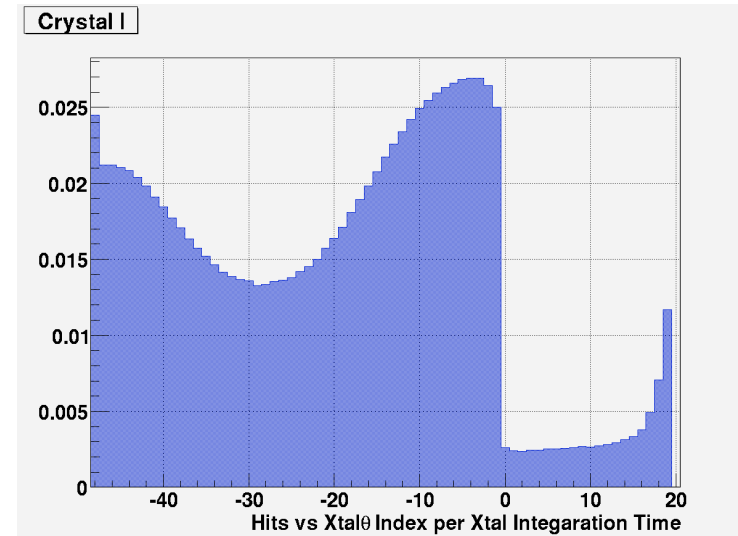
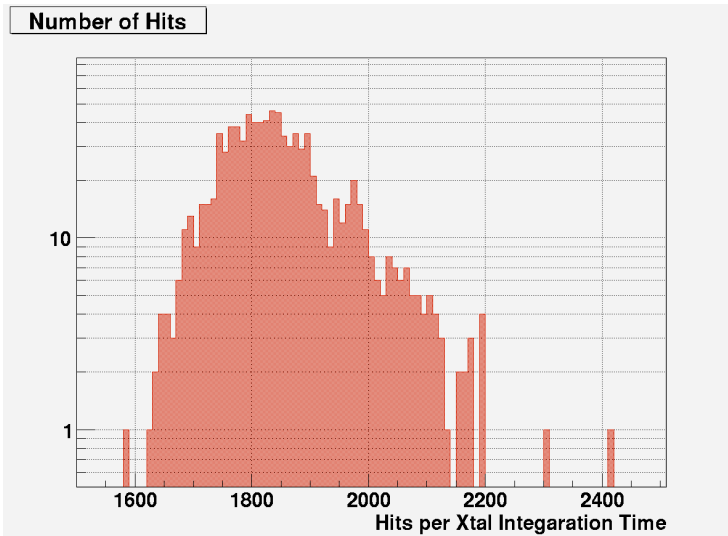


Bunch Crossing



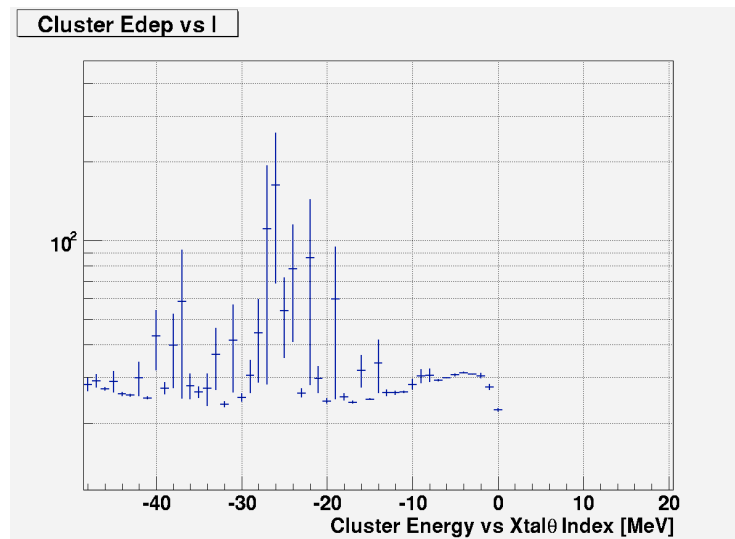
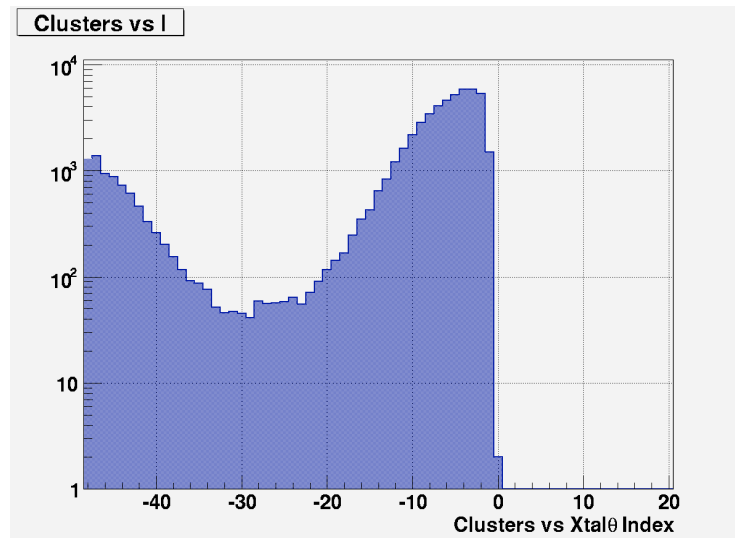


Crystal Integration Time



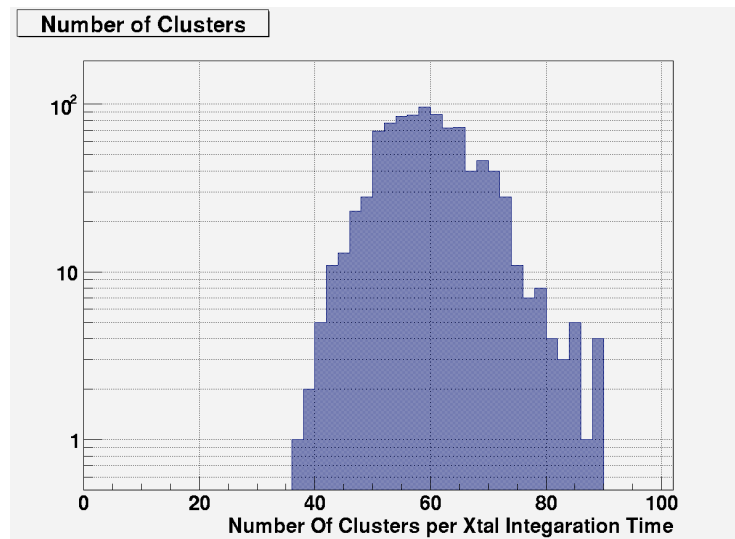
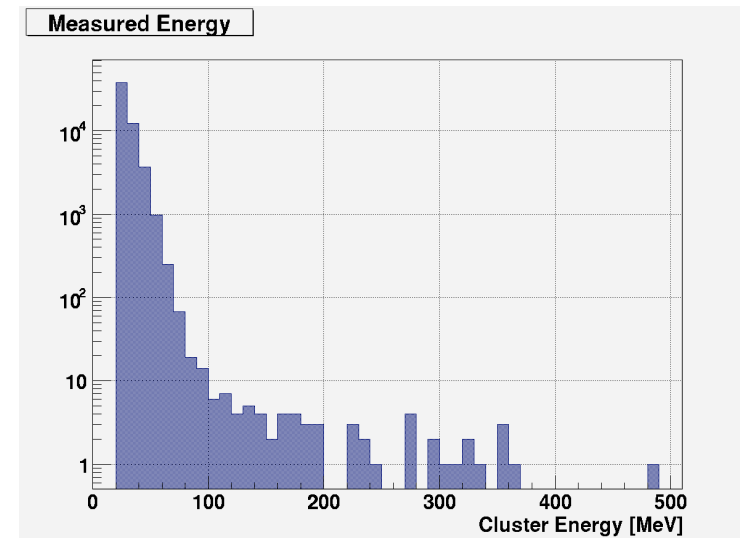
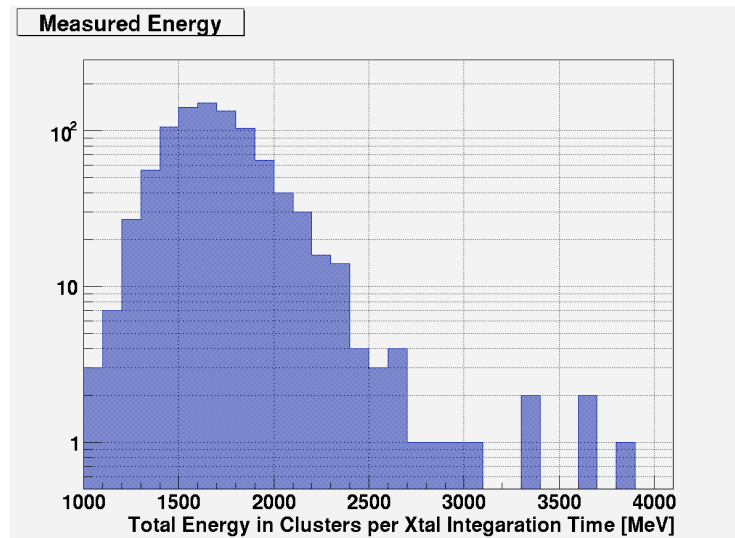


Clusters





Clusters





Shield. Unshield - Incorrect Integration time



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