

background reactions - MC^{studies}

fabio.Moia, germano.Bonomi

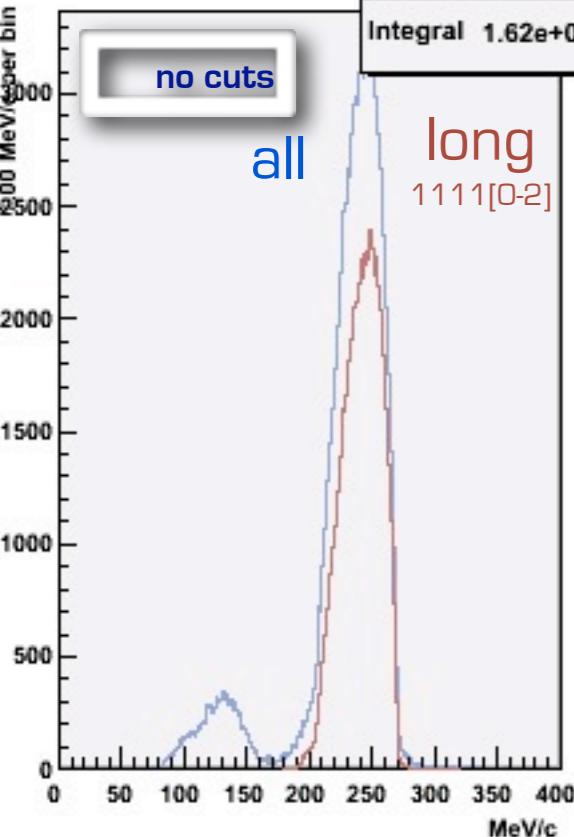
Target 1 (^6Li): π^- (all)

all_T1

Integral 1.62e+05

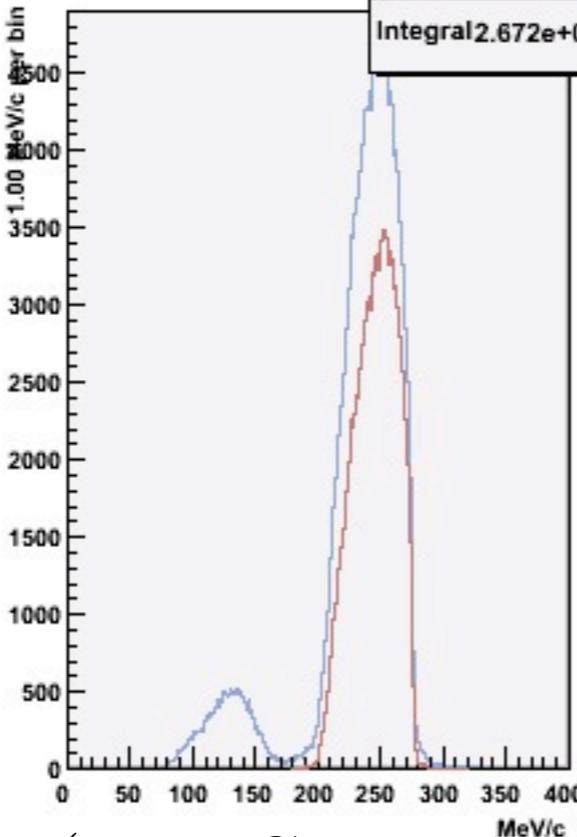
no cuts

all

long
1111[0-2]Target 2 (^9Be): π^- (all)

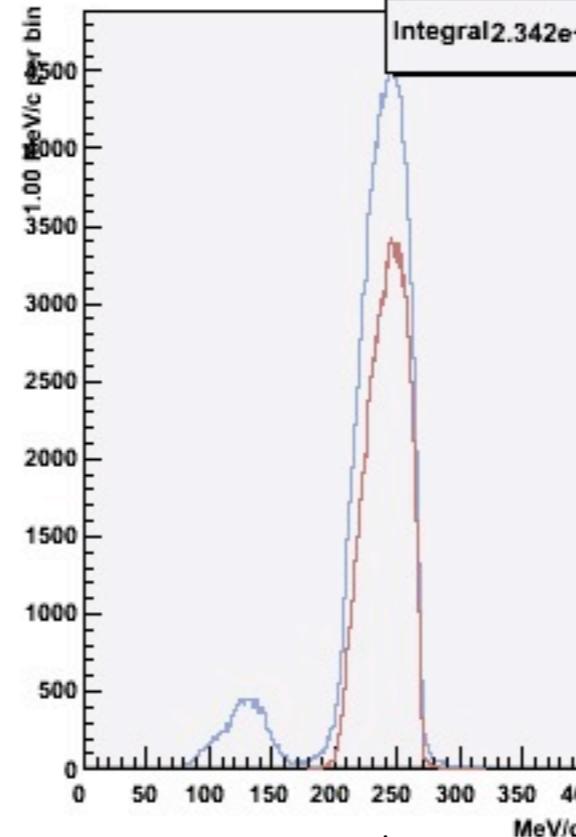
all_T2

Integral 2.672e+05

Target 3 (^7Li): π^- (all)

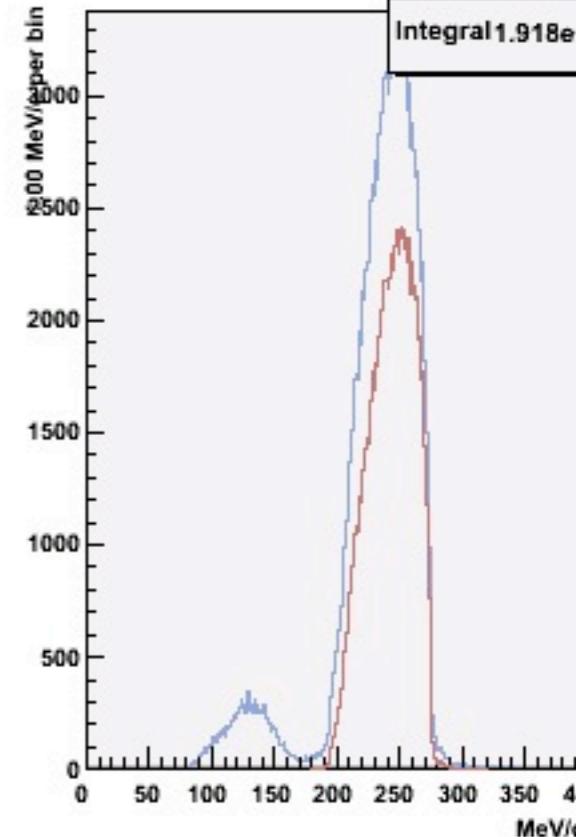
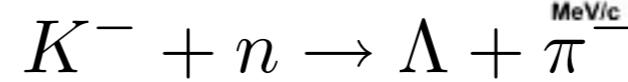
all_T3

Integral 2.342e+05

Target 4 (^{12}C): π^- (all)

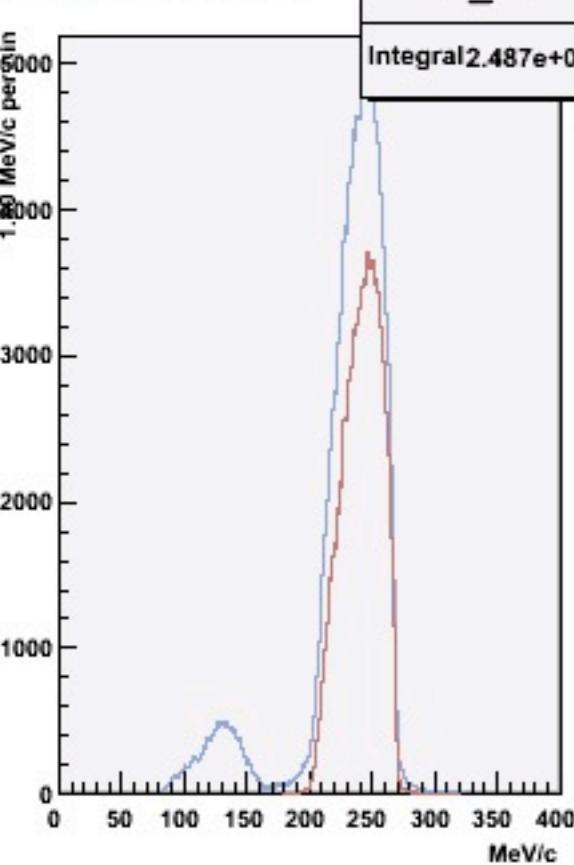
all_T4

Integral 1.918e+05

 $(K_BCK \text{ code 2})$ Target 5 (^7Li): π^- (all)

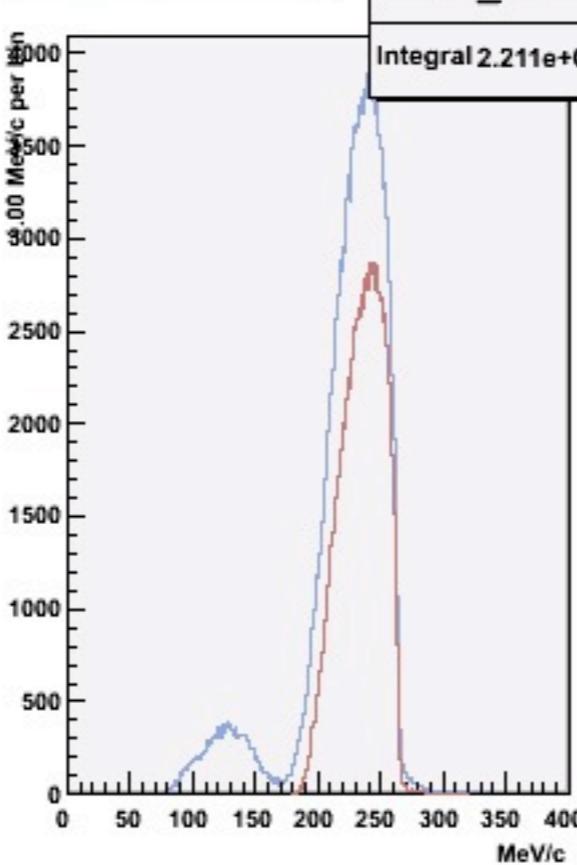
all_T5

Integral 2.487e+05

Target 6 (D_2O): π^- (all)

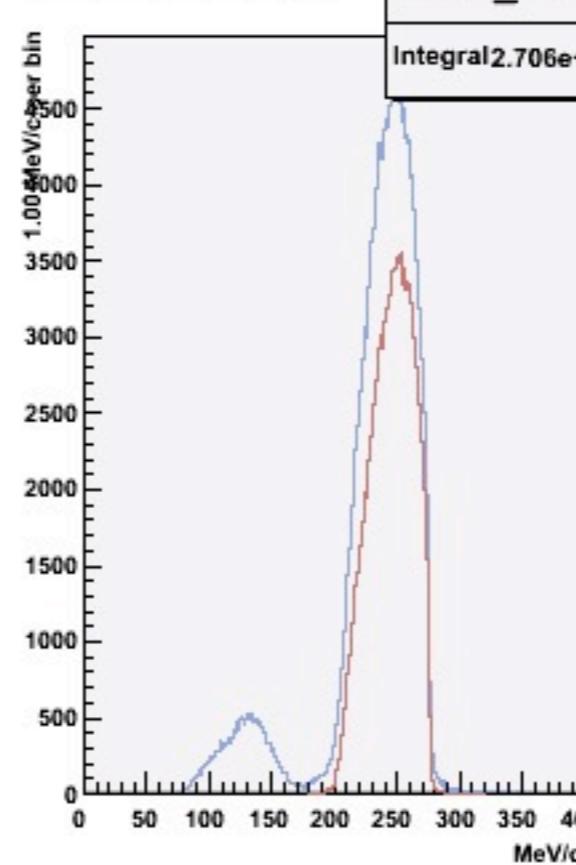
all_T6

Integral 2.211e+05

Target 7 (^9Be): π^- (all)

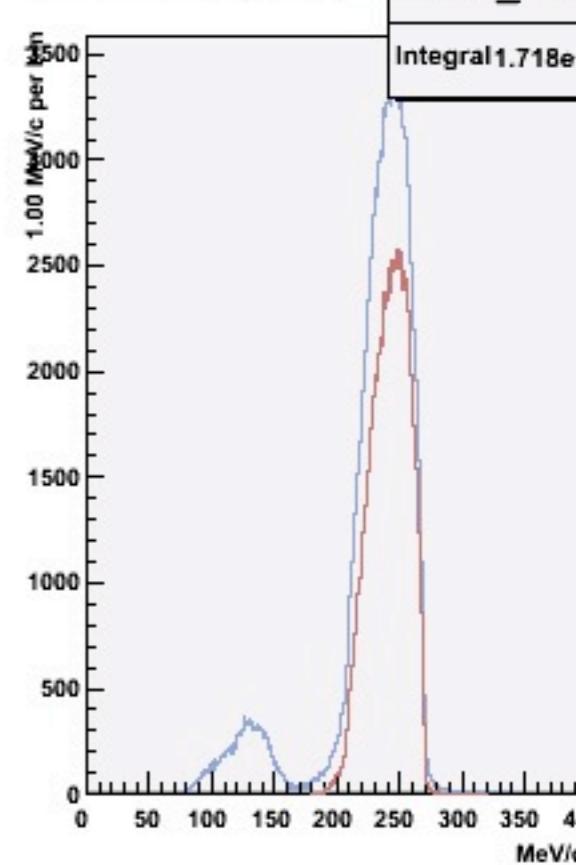
all_T7

Integral 2.706e+05

Target 8 (^6Li): π^- (all)

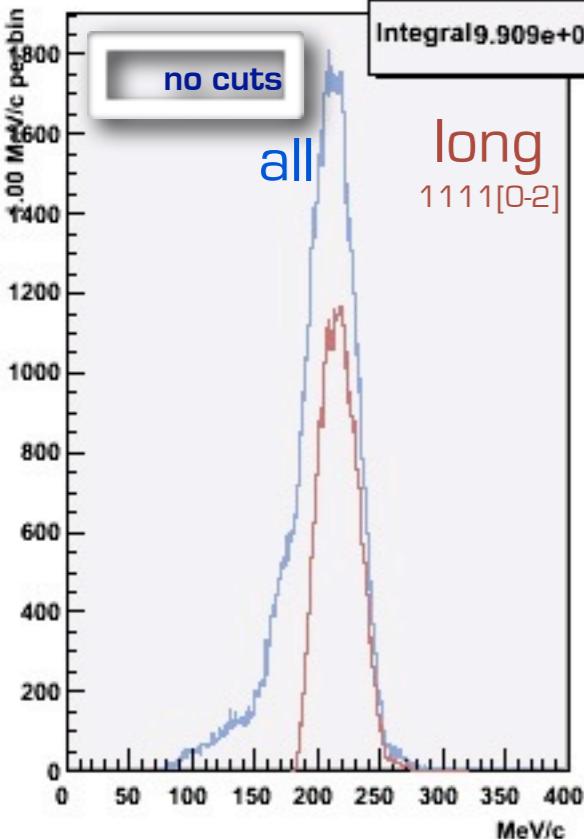
all_T8

Integral 1.718e+05

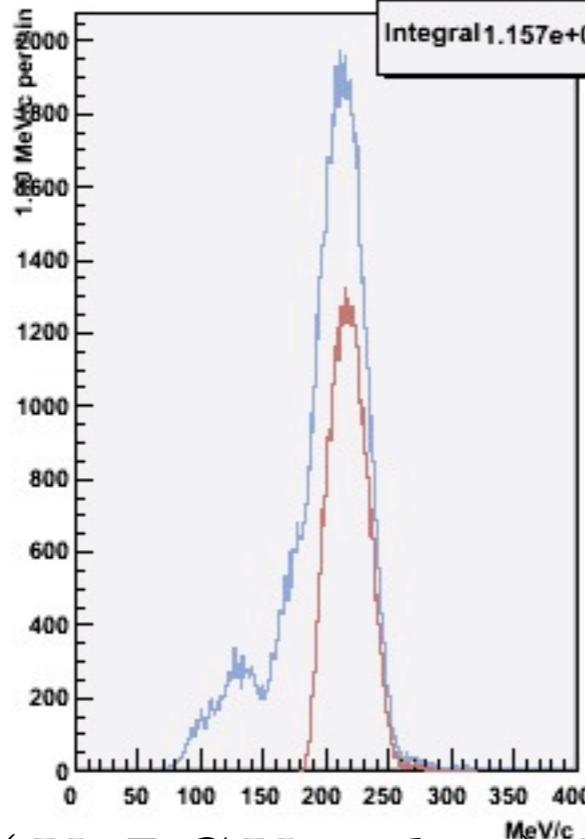


Target 1 (^6Li): π^- (all)**all_T1**

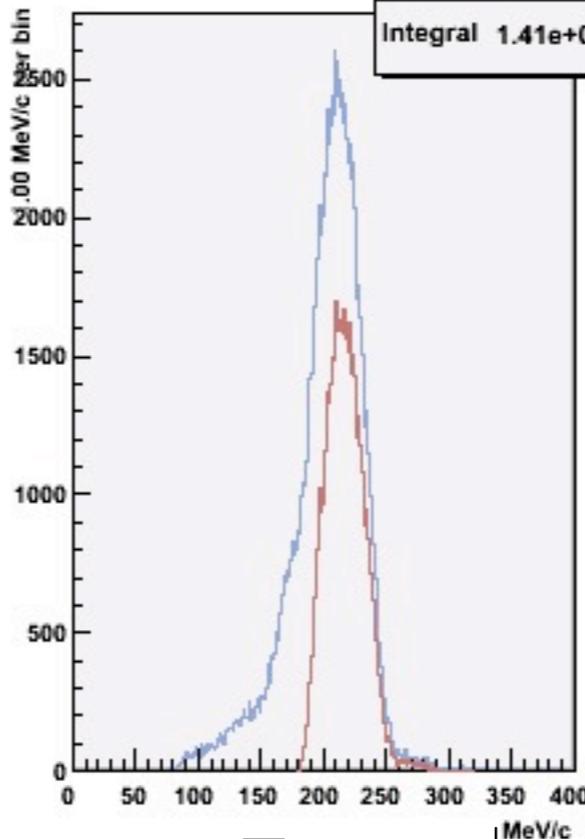
Integral 9.909e+04

Target 2 (^9Be): π^- (all)**all_T2**

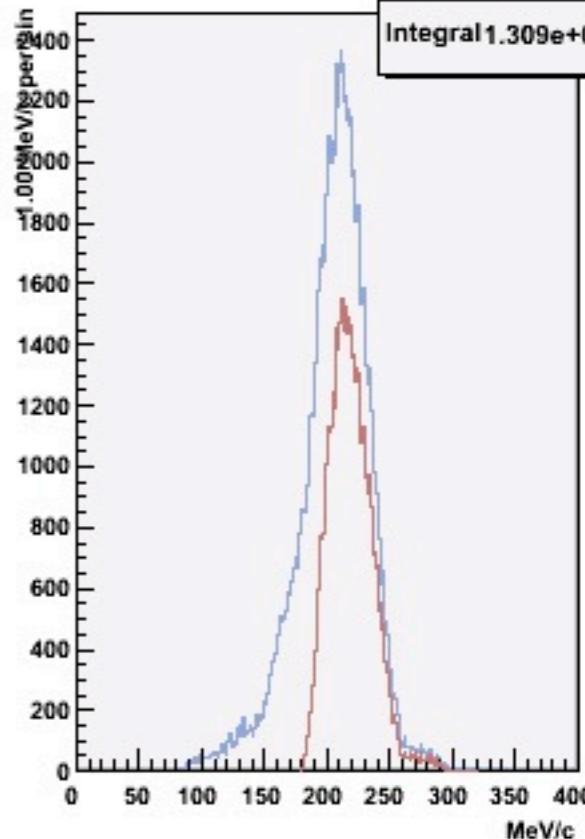
Integral 1.157e+05

Target 3 (^7Li): π^- (all)**all_T3**

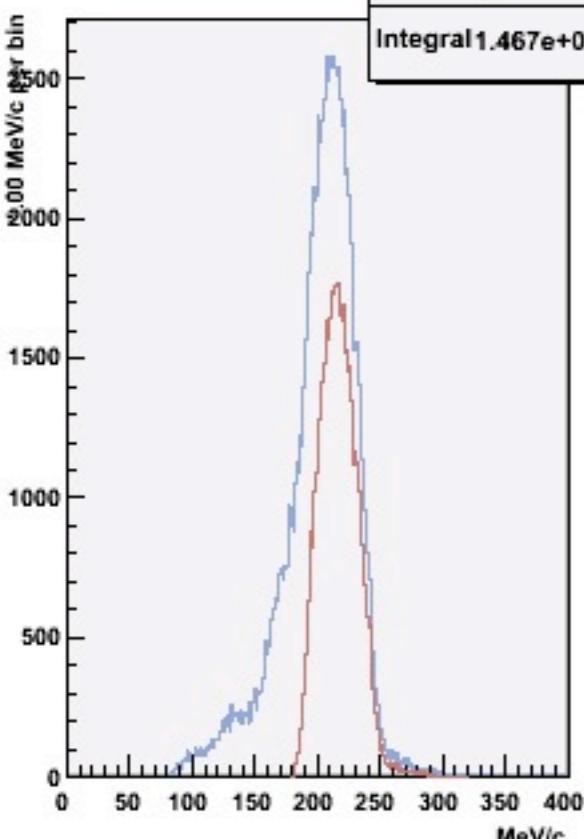
Integral 1.41e+05

Target 4 (^{12}C): π^- (all)**all_T4**

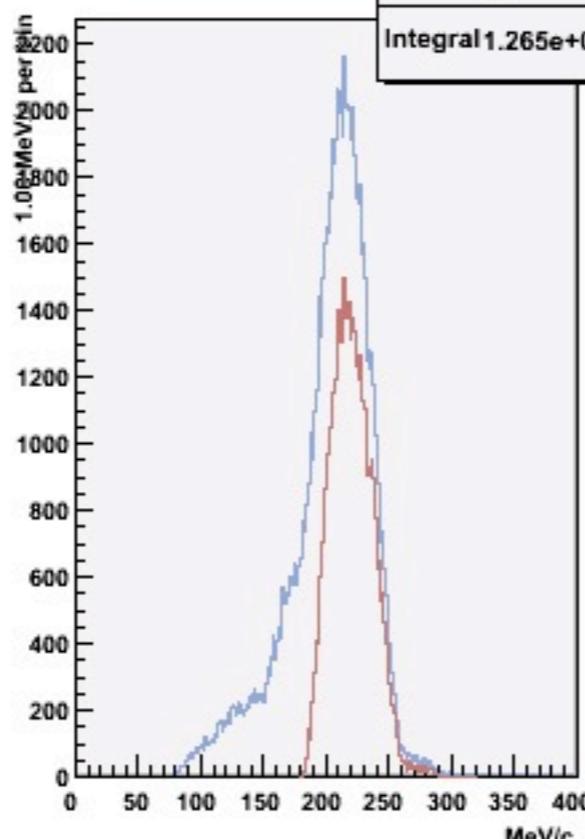
Integral 1.309e+05

Target 5 (^7Li): π^- (all)**all_T5**

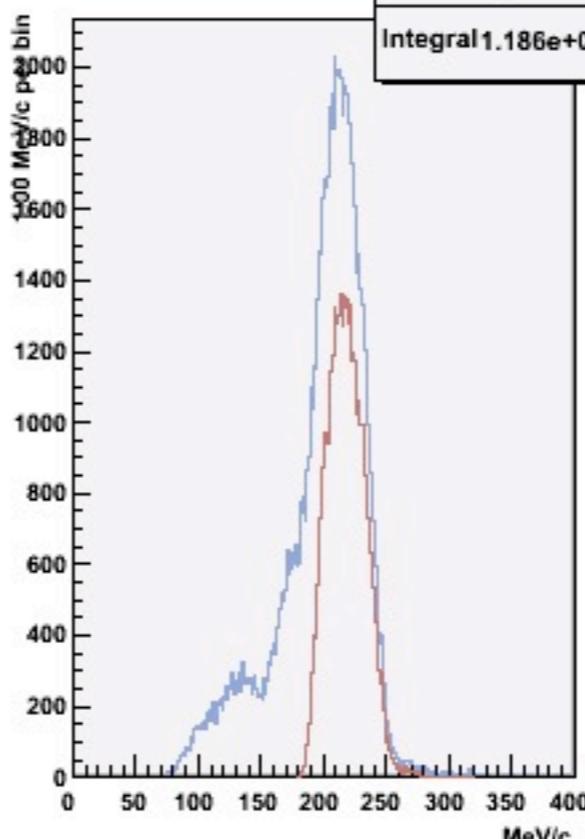
Integral 1.467e+05

Target 6 (D_2O): π^- (all)**all_T6**

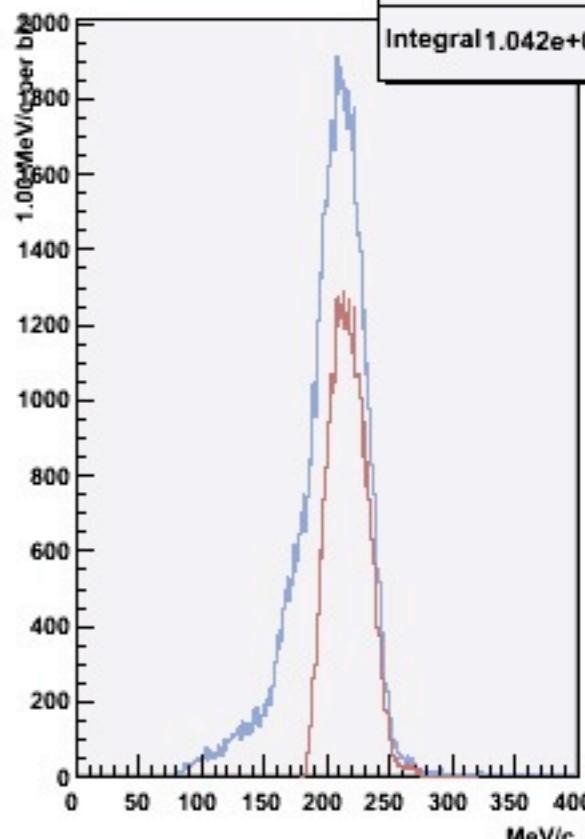
Integral 1.265e+05

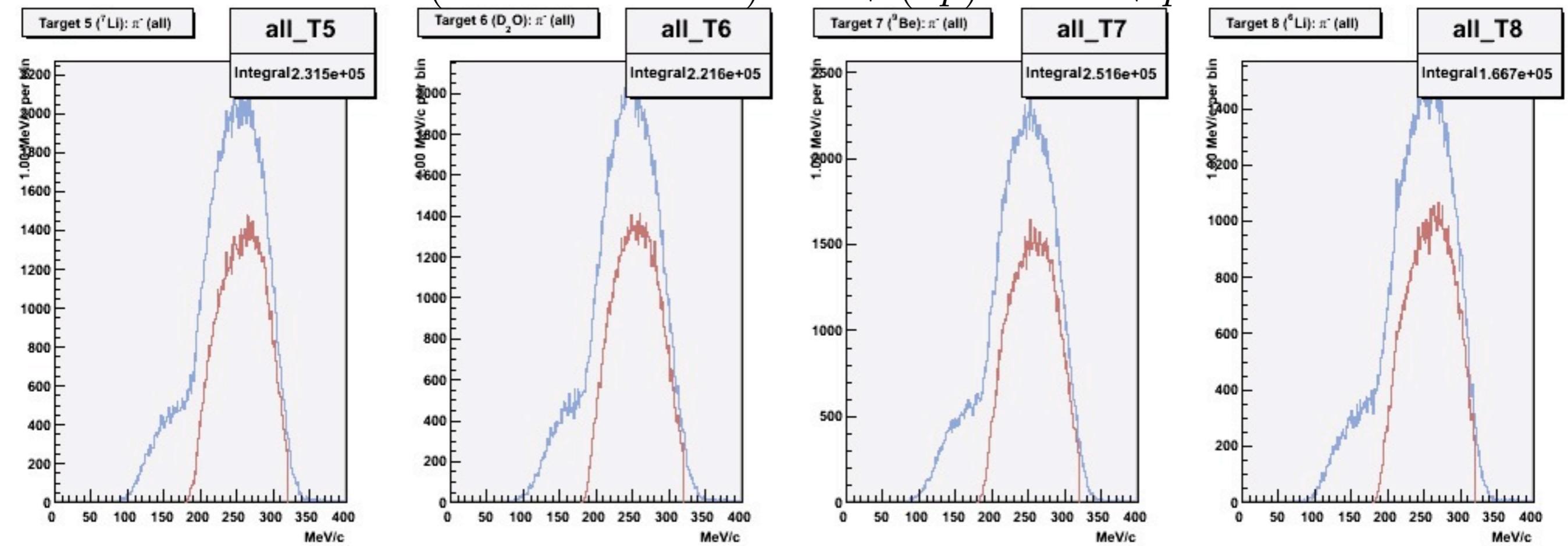
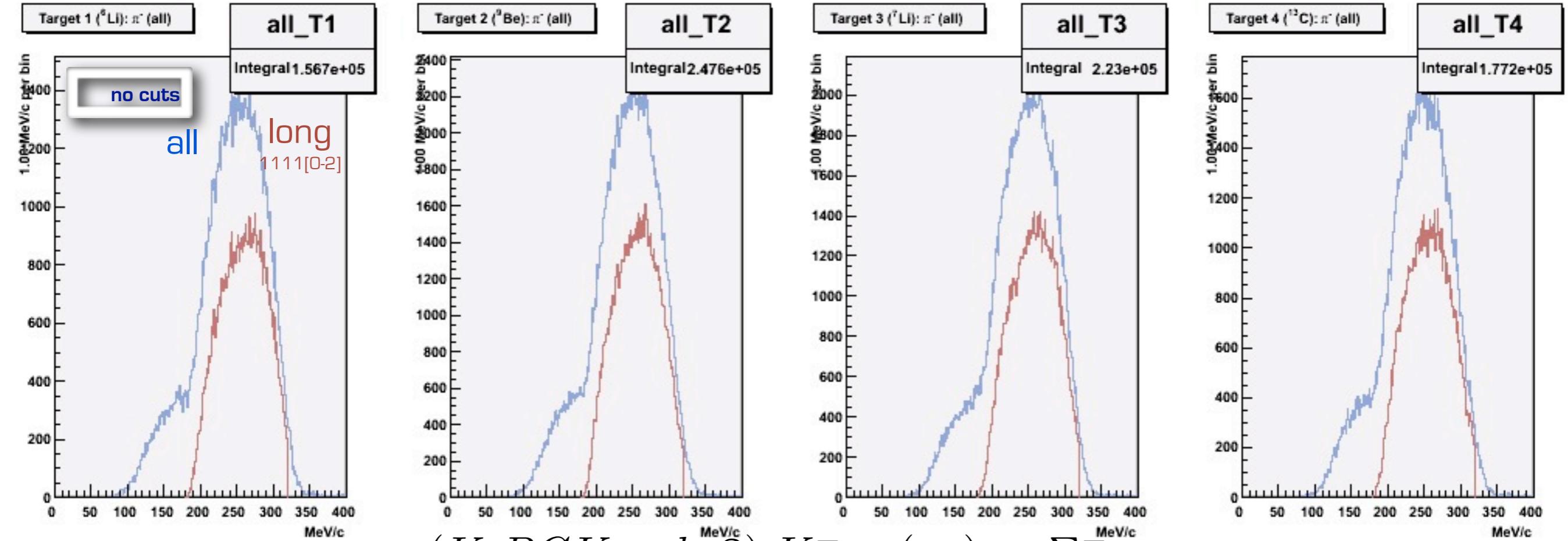
Target 7 (^9Be): π^- (all)**all_T7**

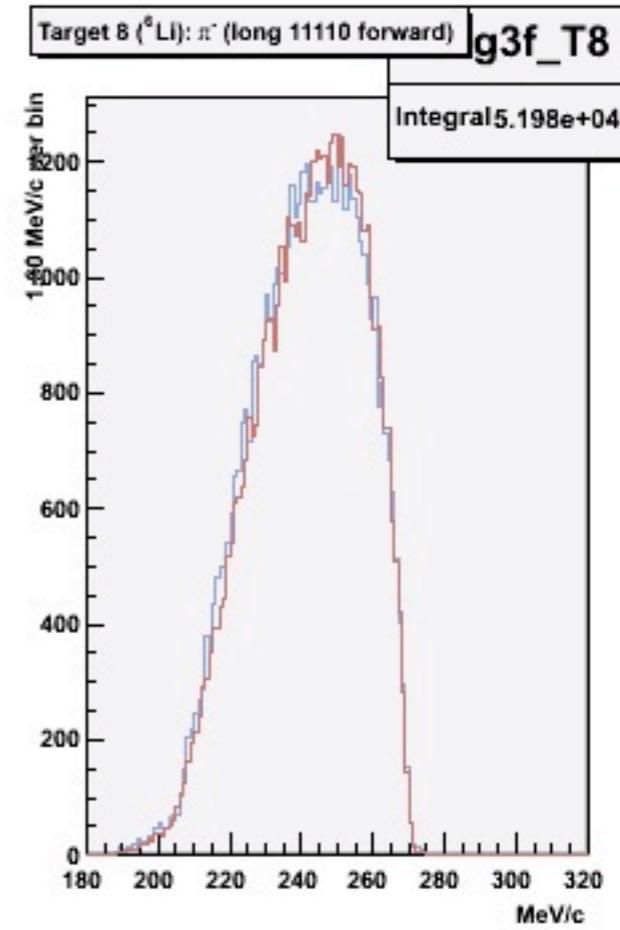
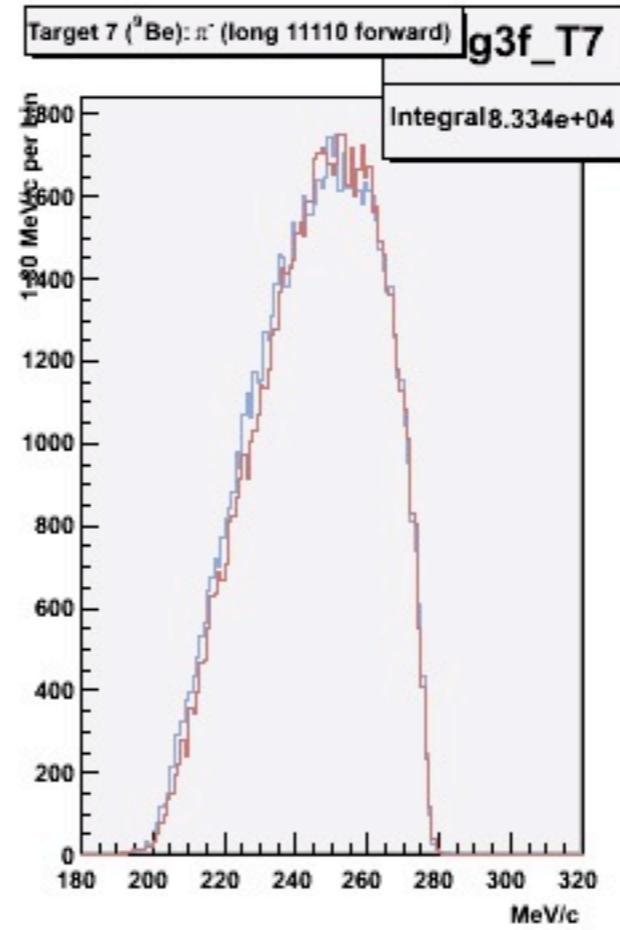
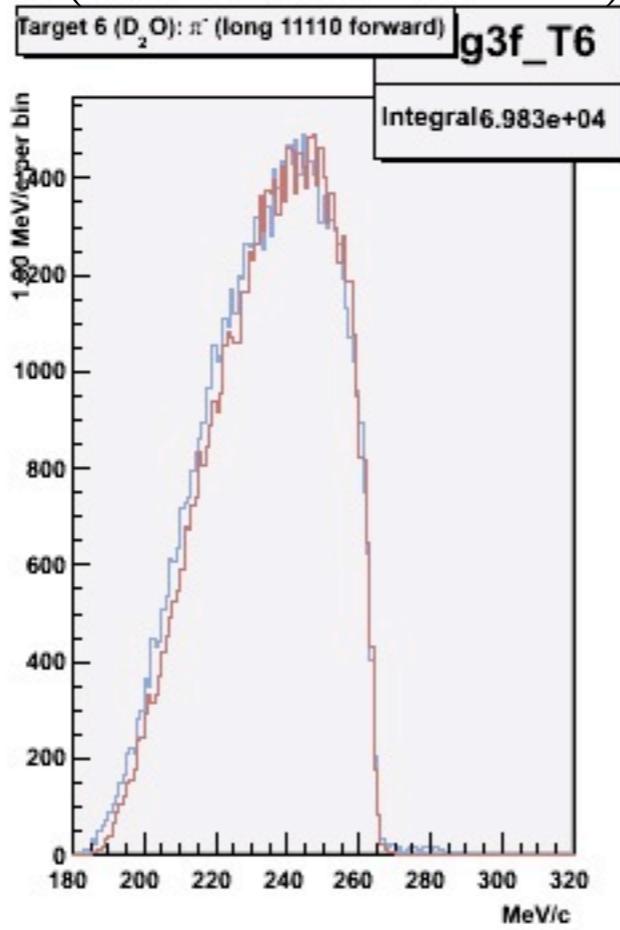
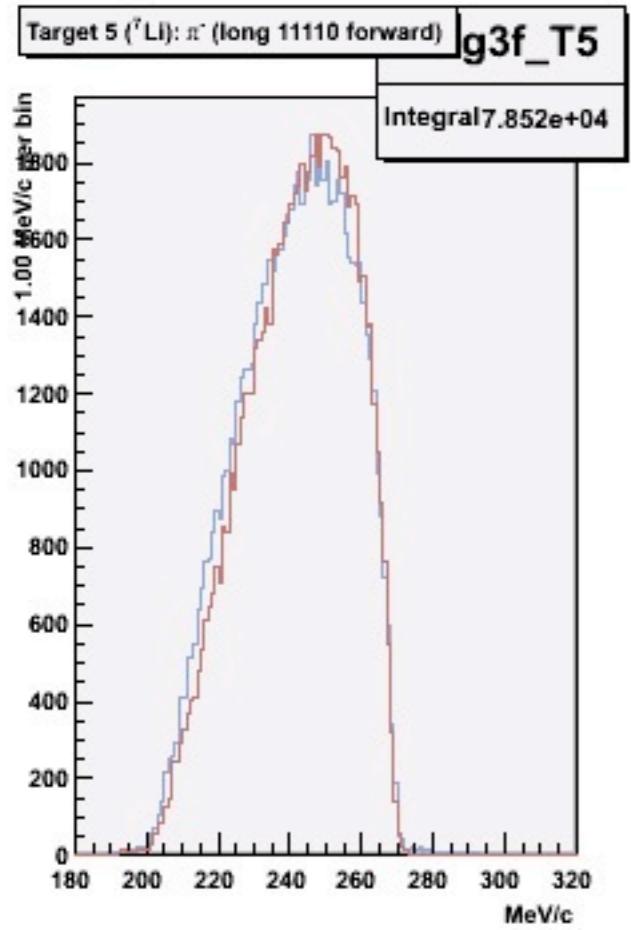
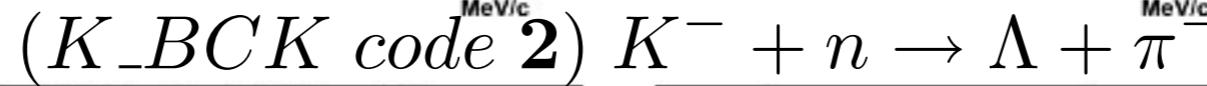
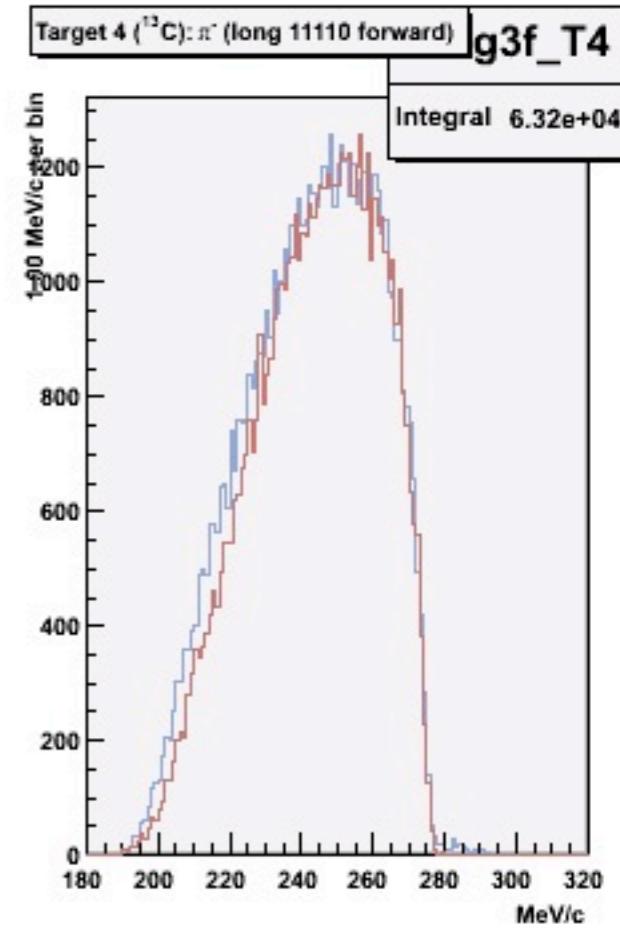
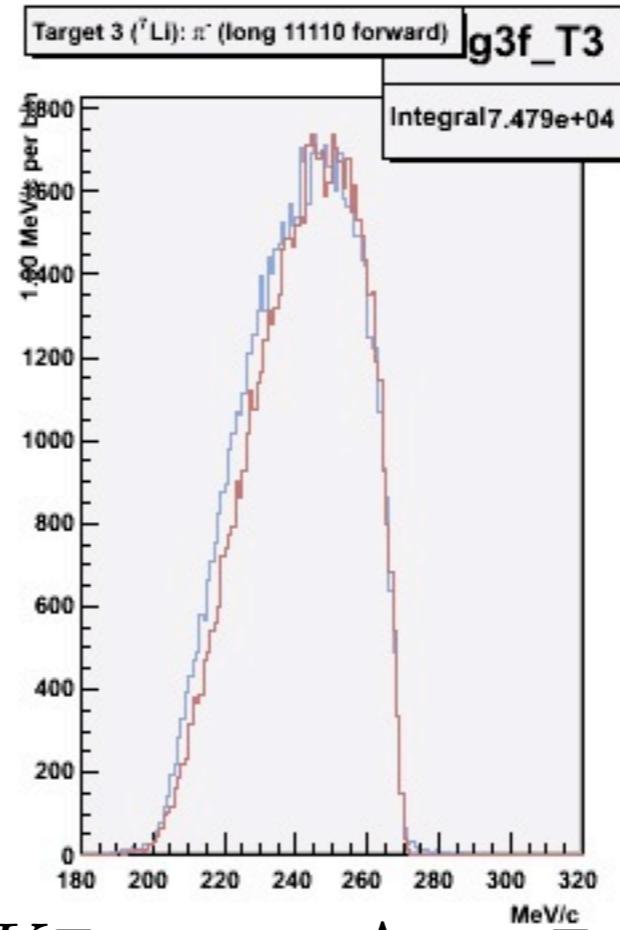
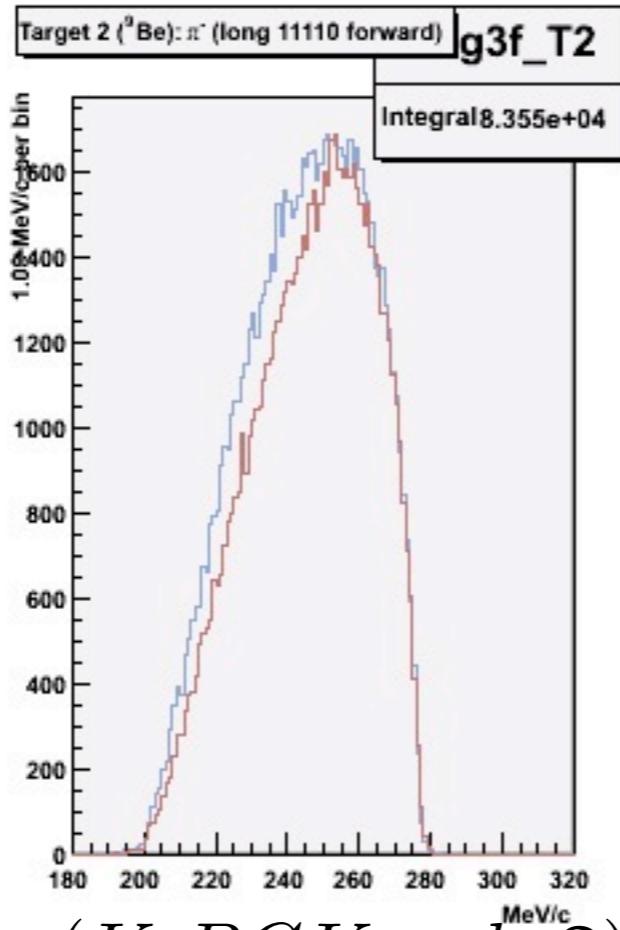
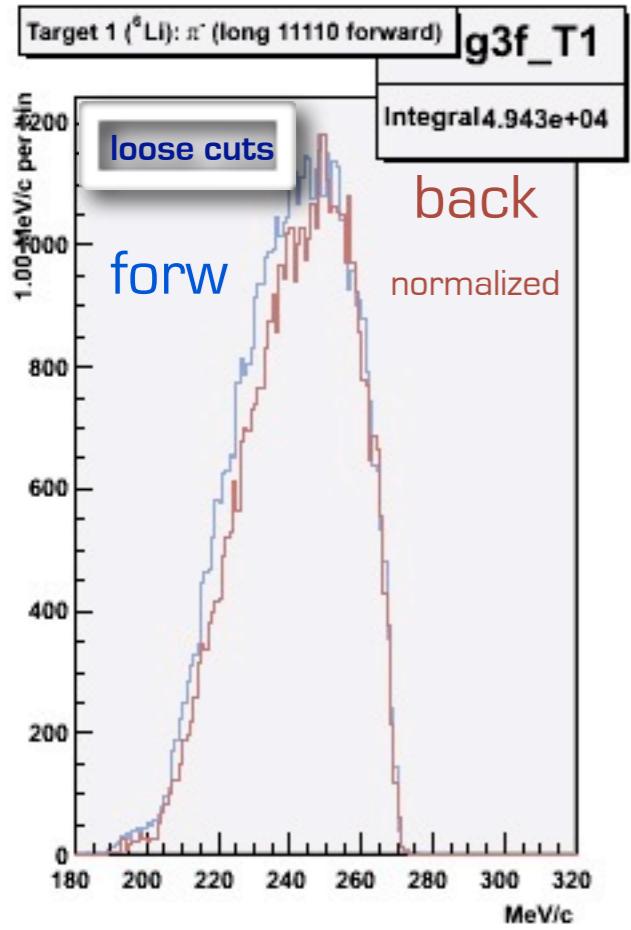
Integral 1.186e+05

Target 8 (^6Li): π^- (all)**all_T8**

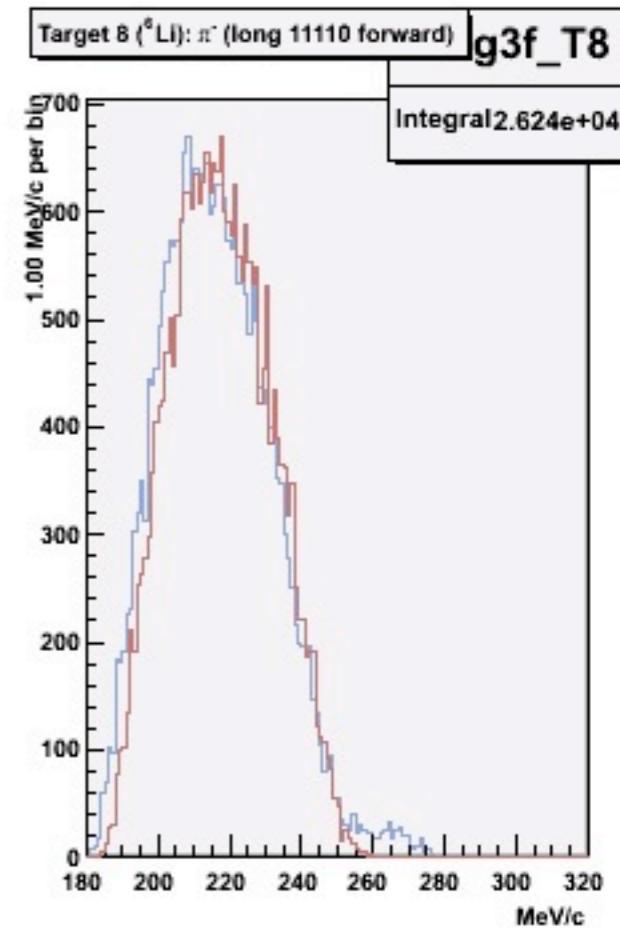
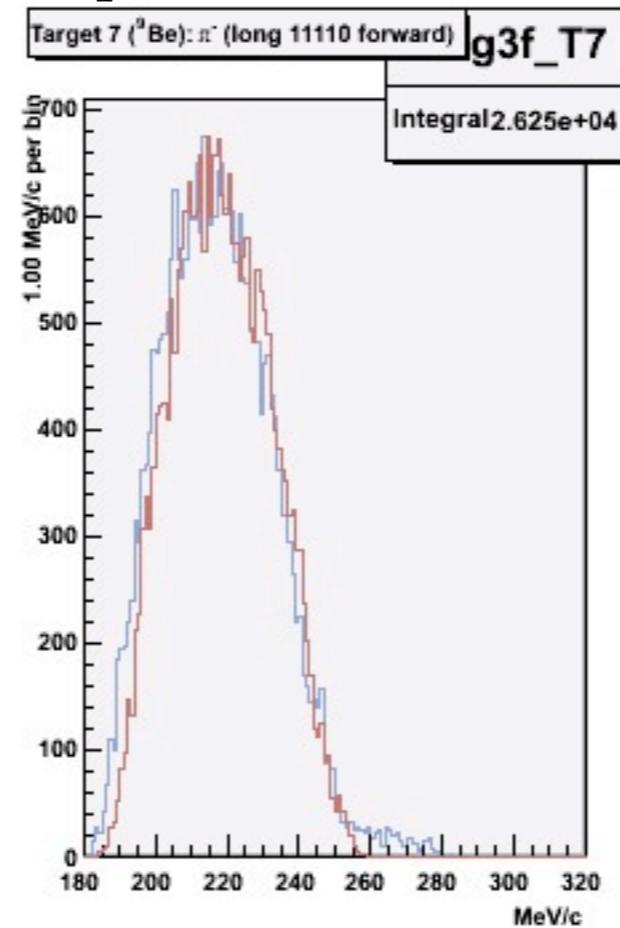
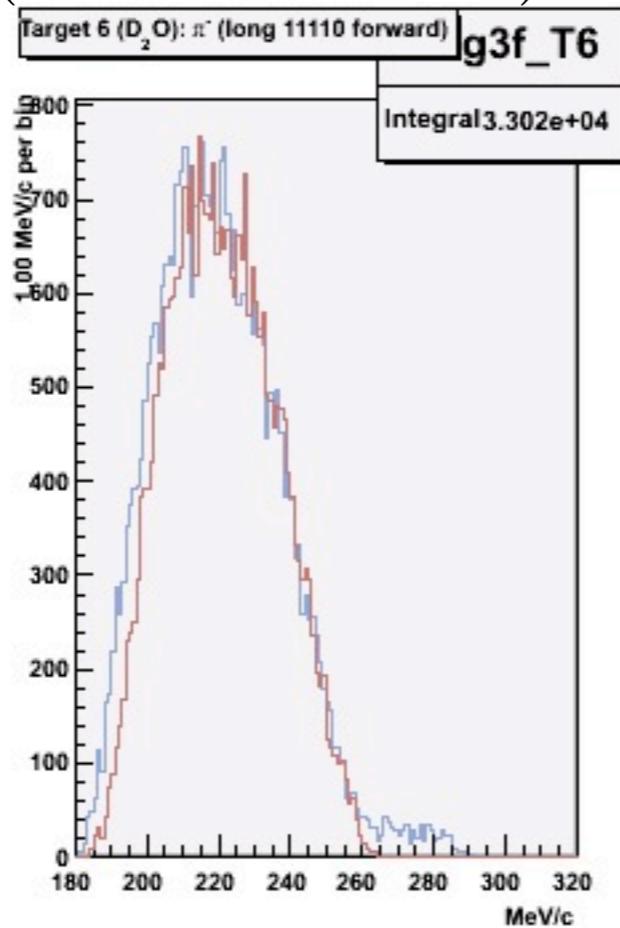
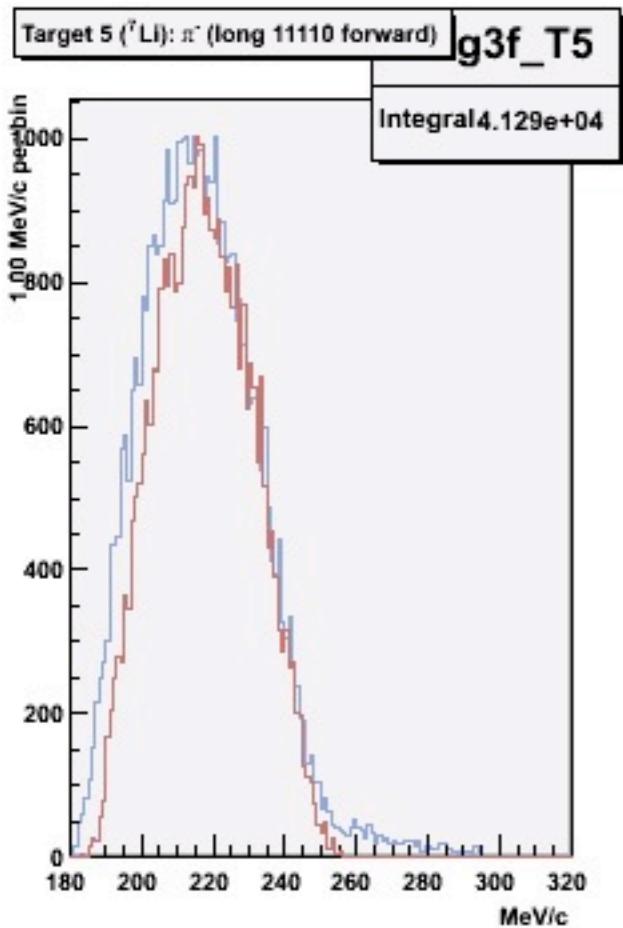
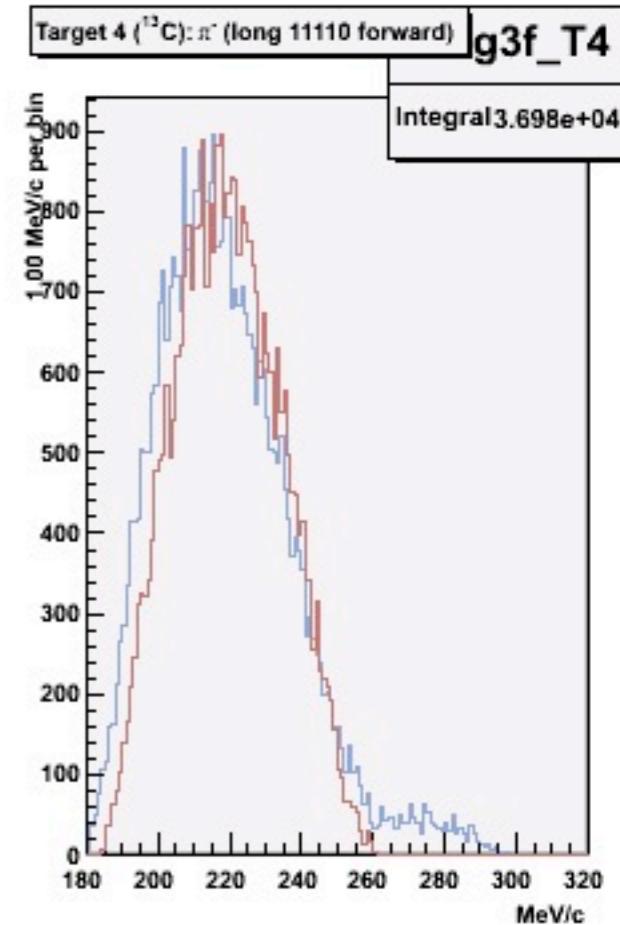
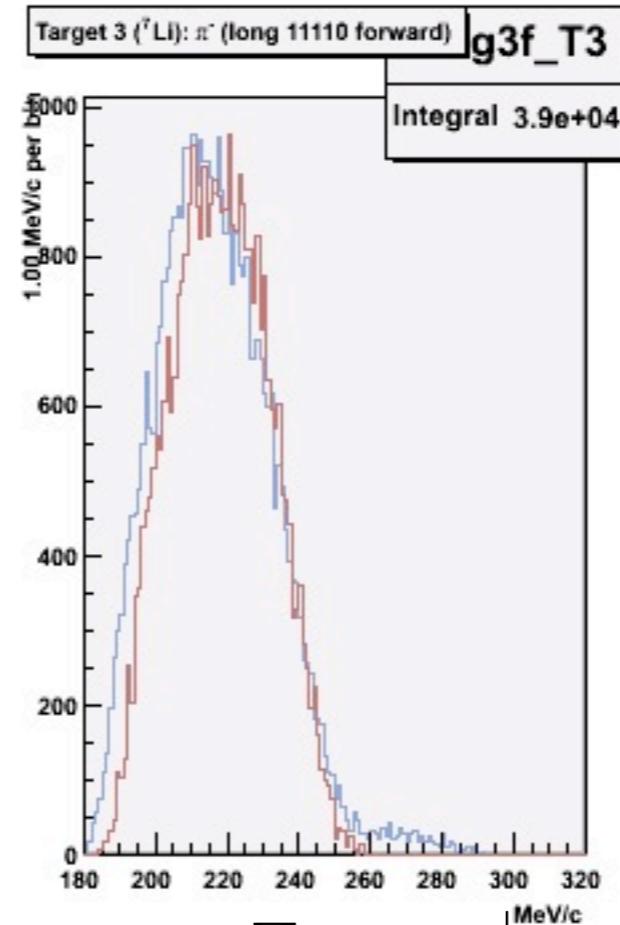
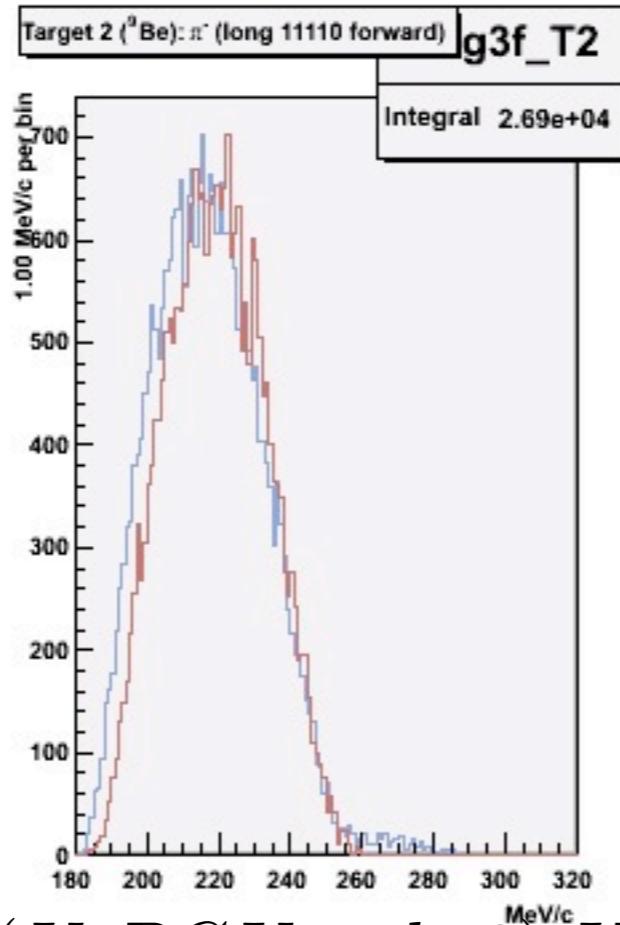
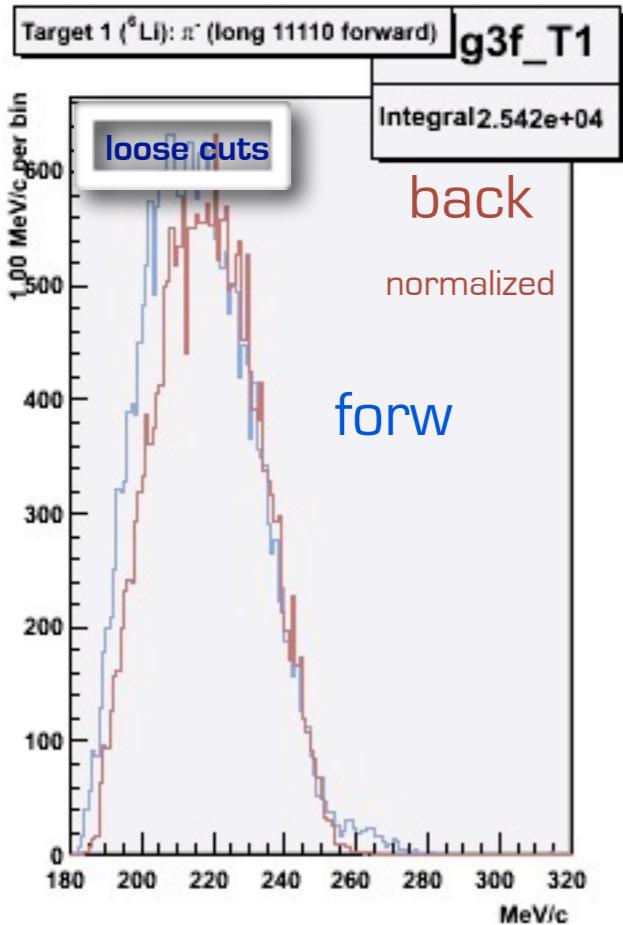
Integral 1.042e+05



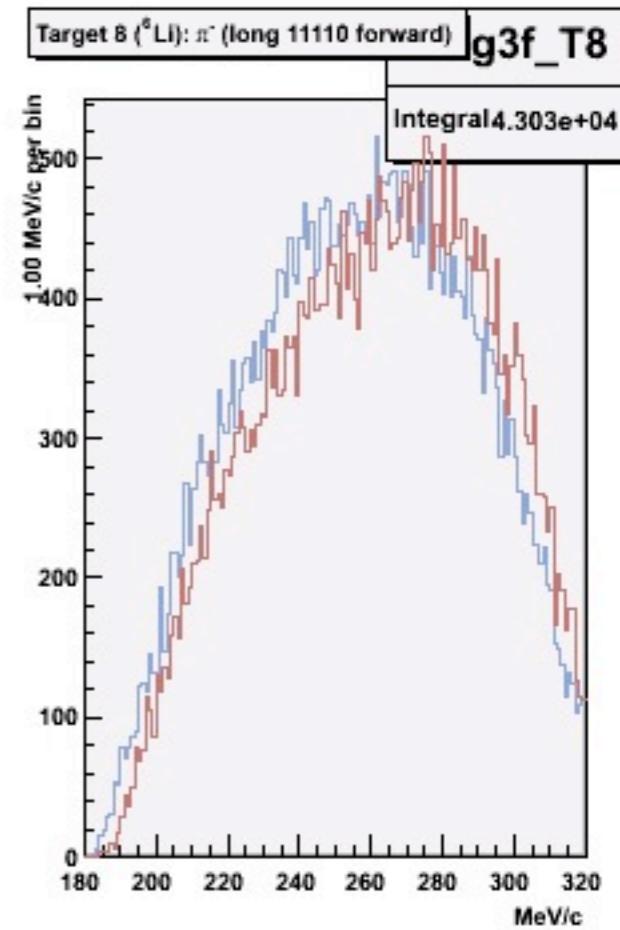
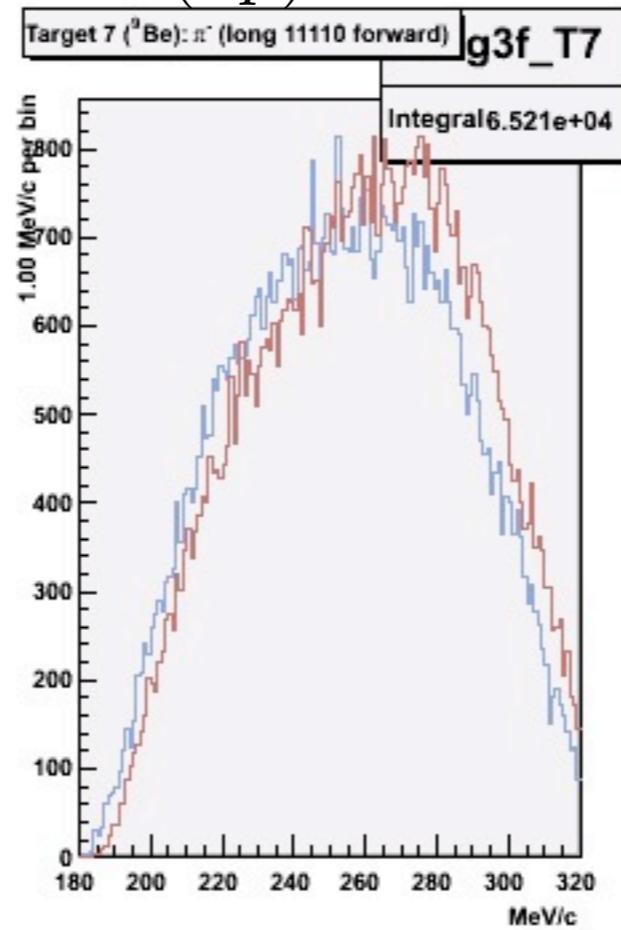
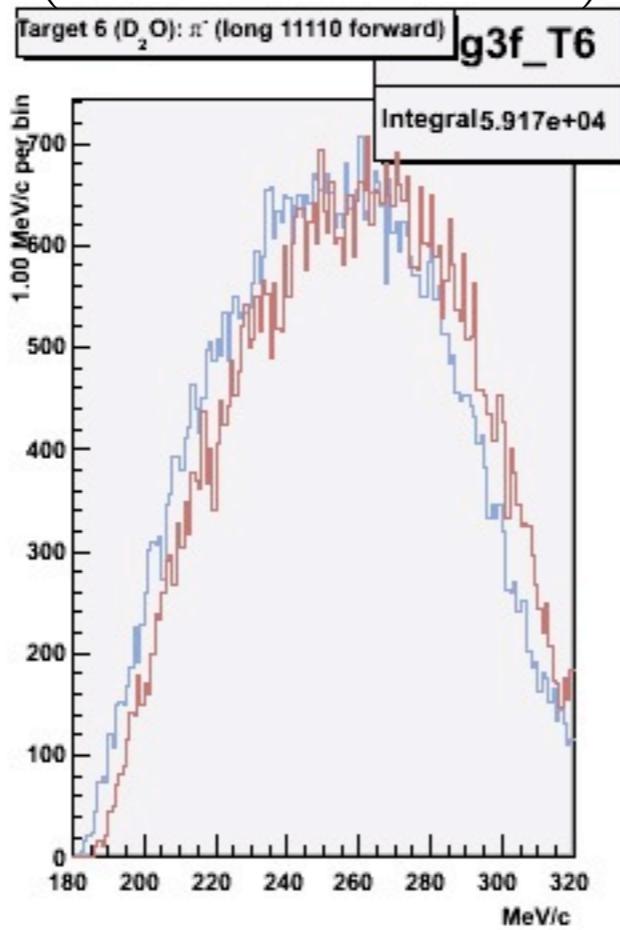
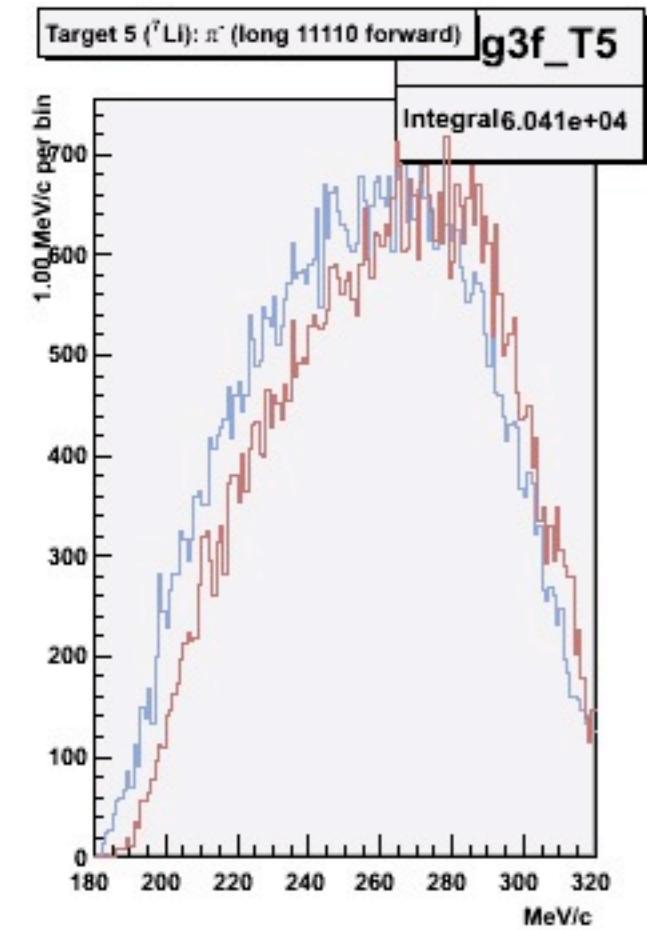
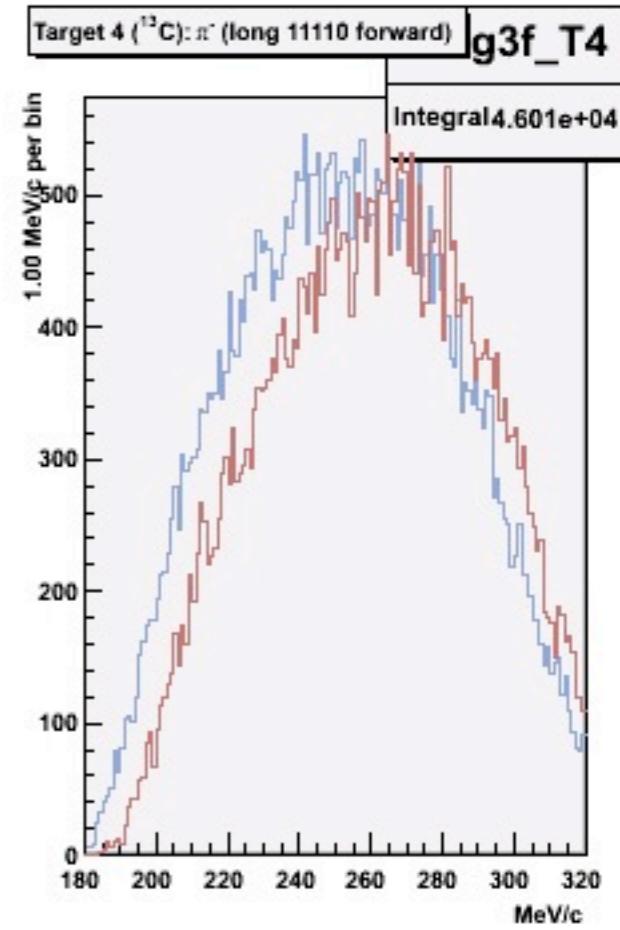
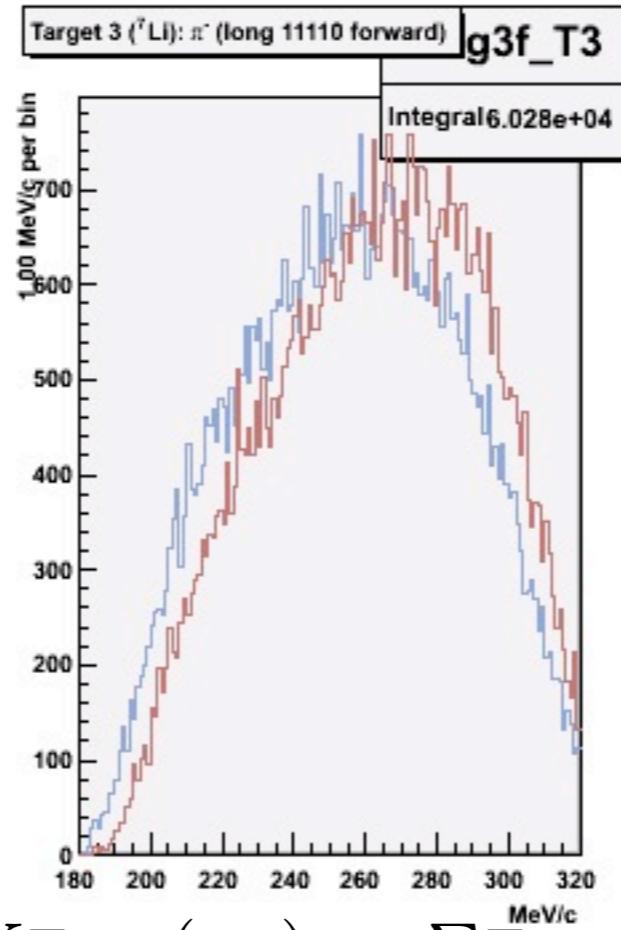
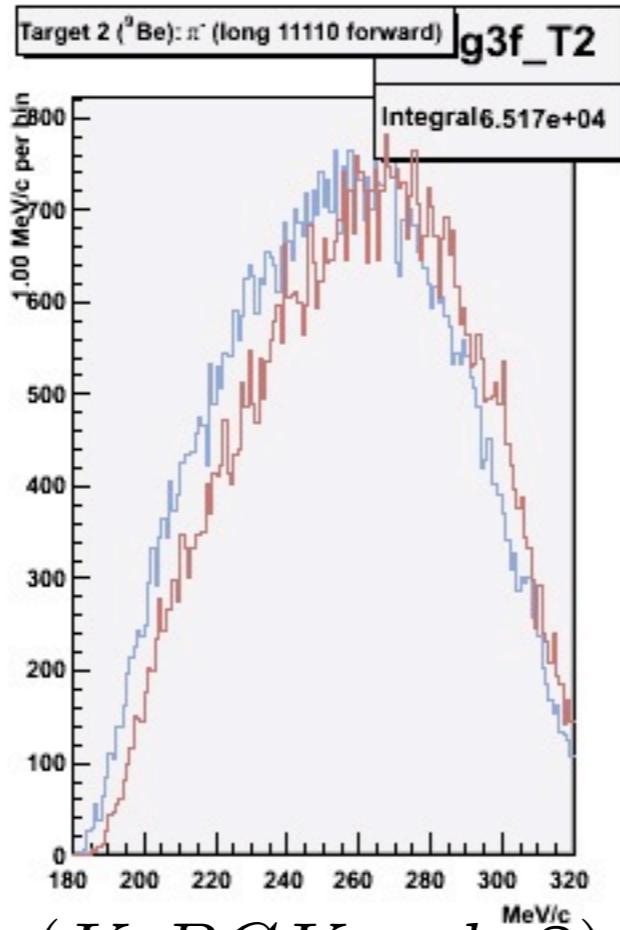
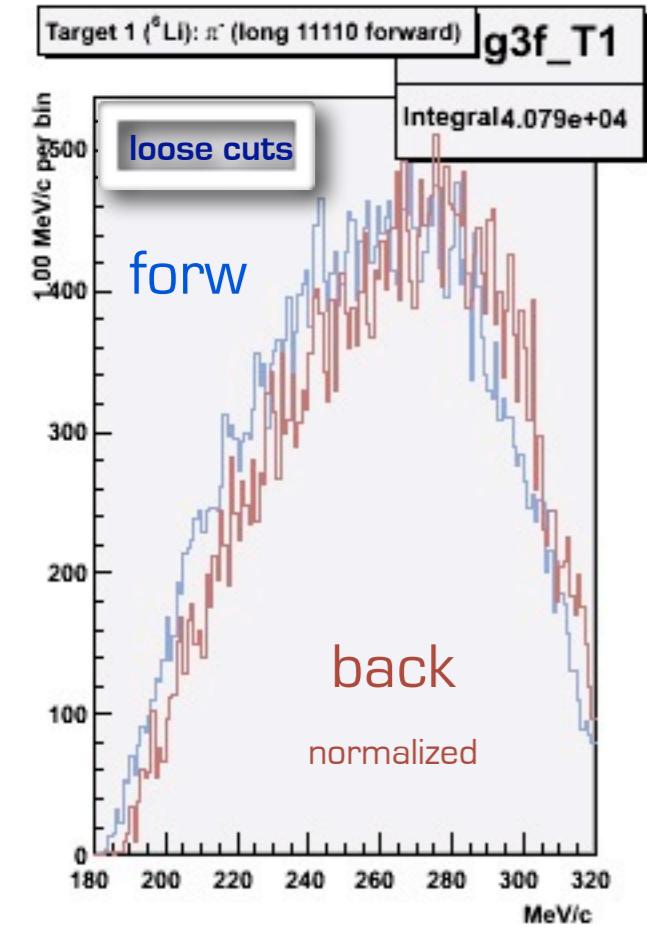




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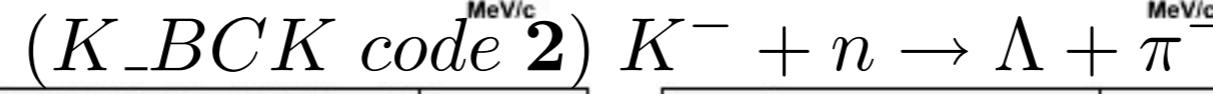
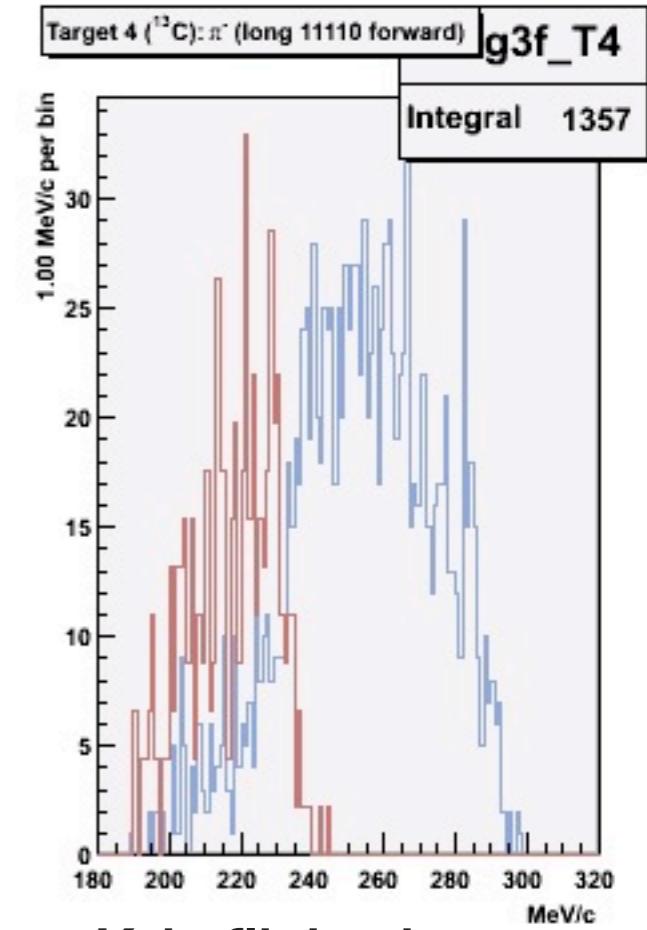
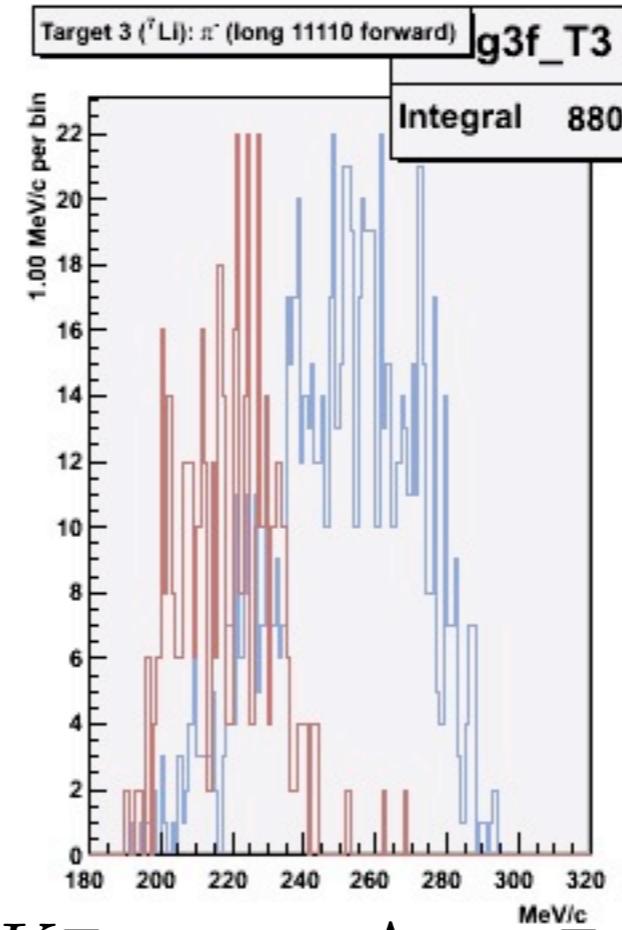
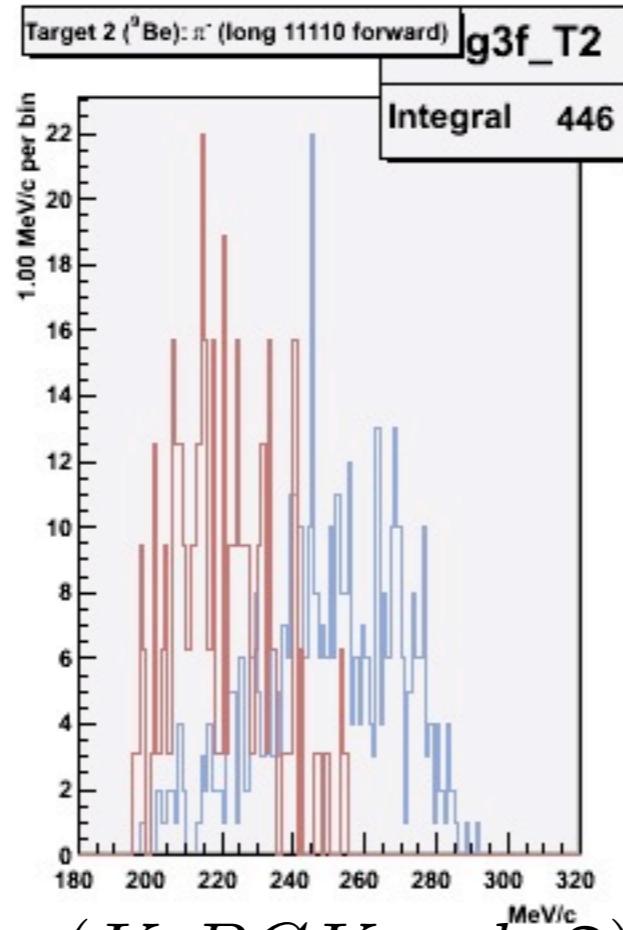
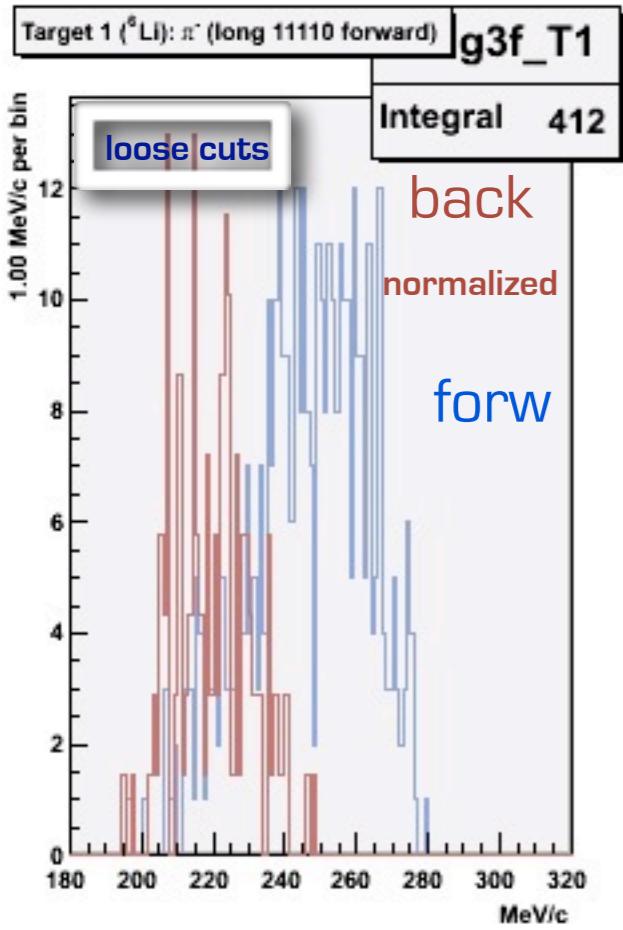


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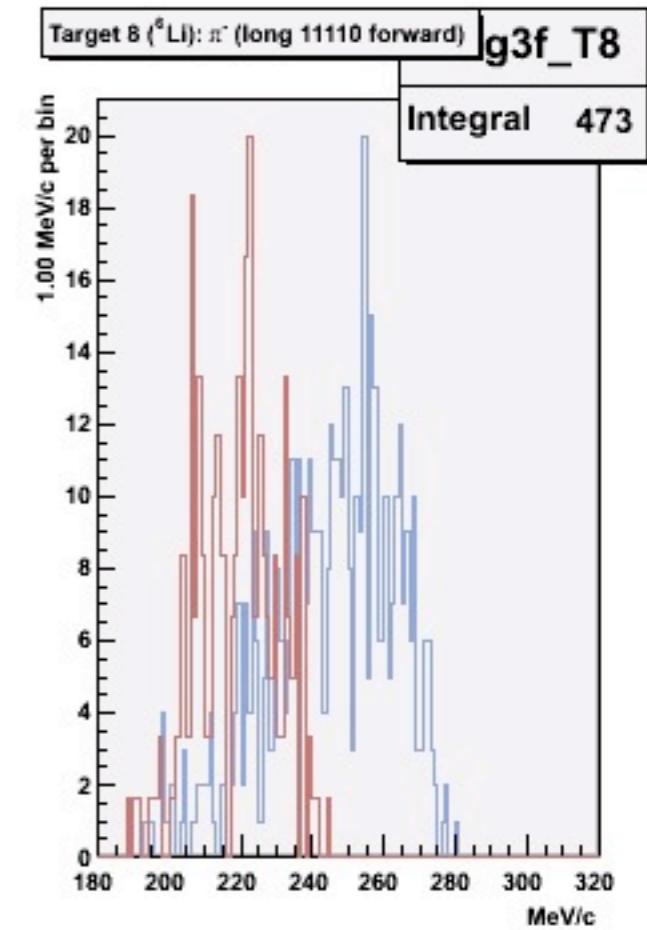
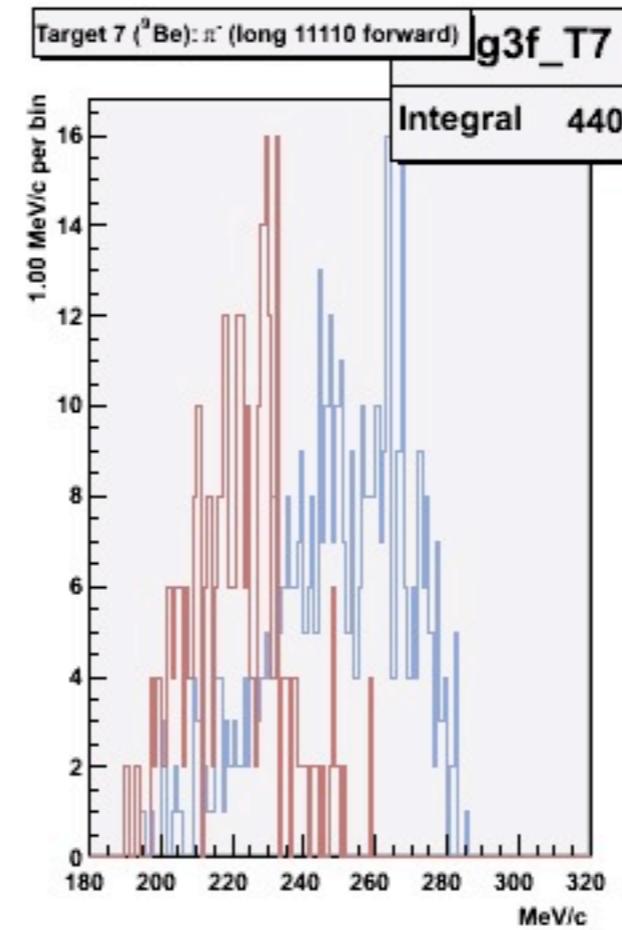
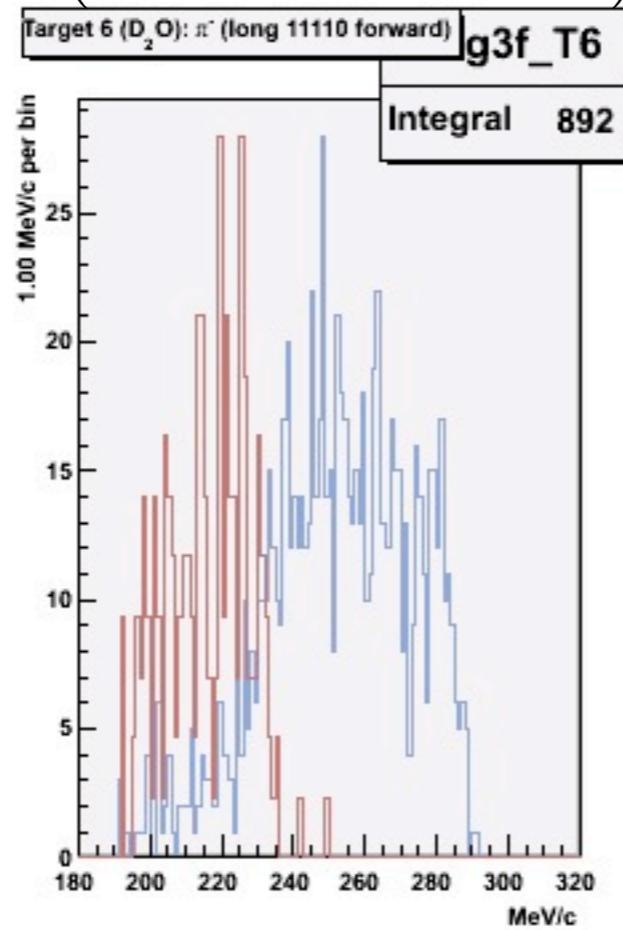
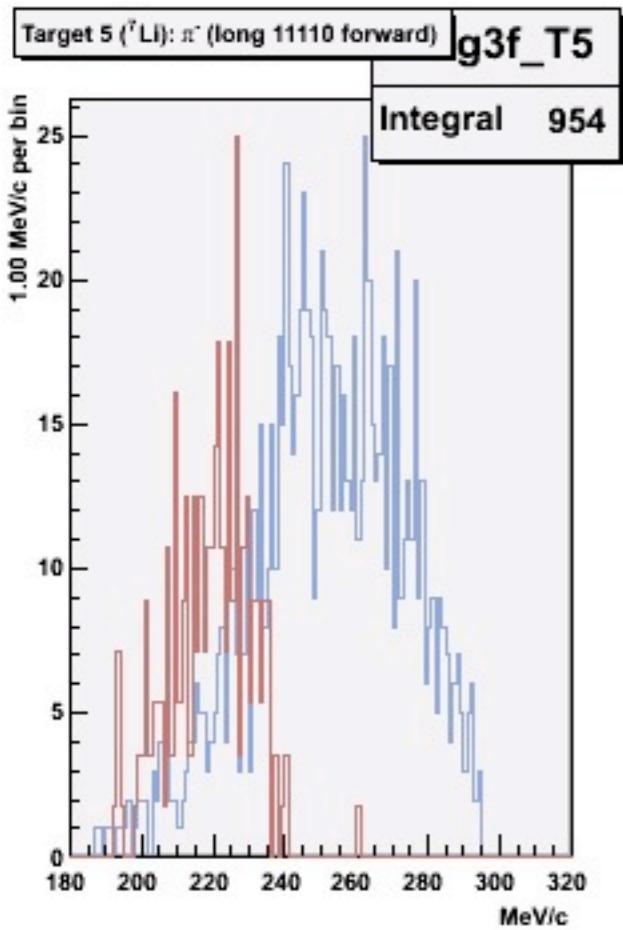


$$(K_BCK \text{ code } 8) \quad K^- + (np) \rightarrow \Sigma^- + p$$

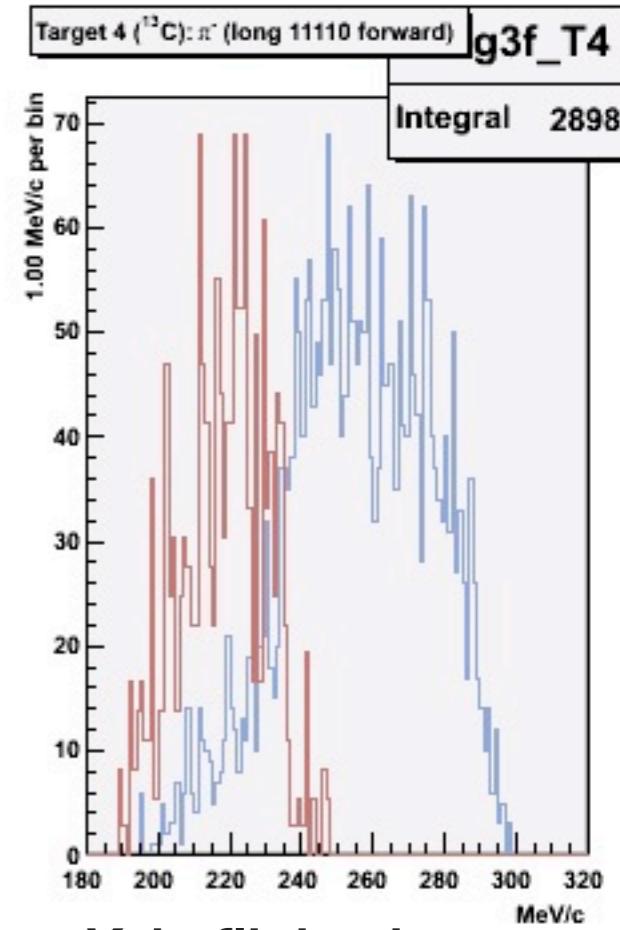
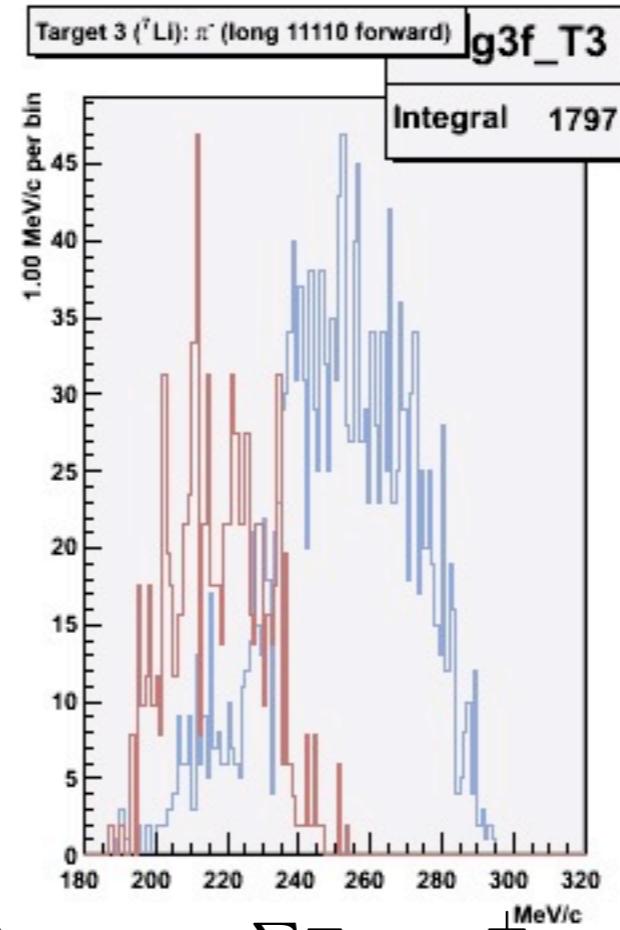
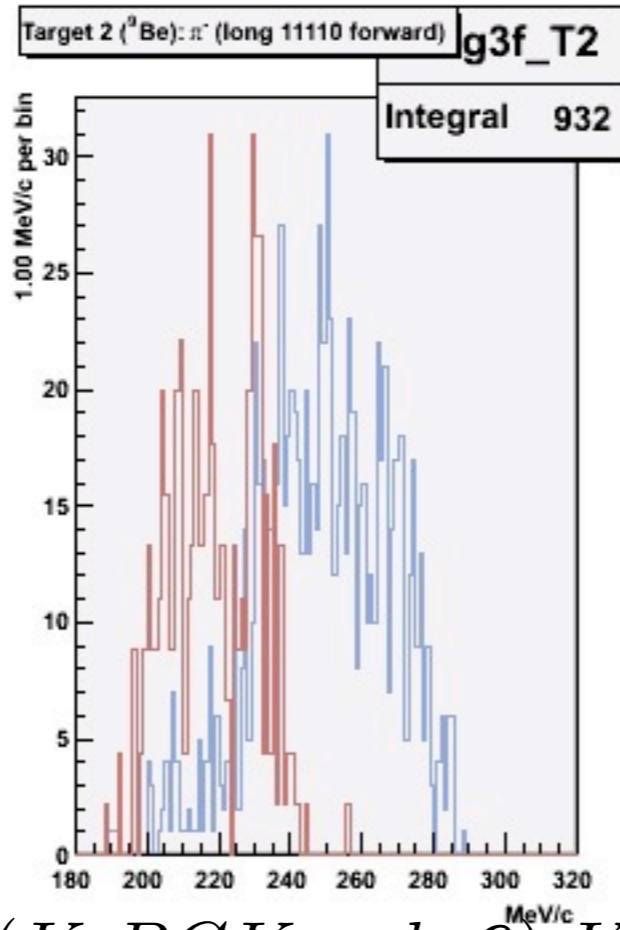
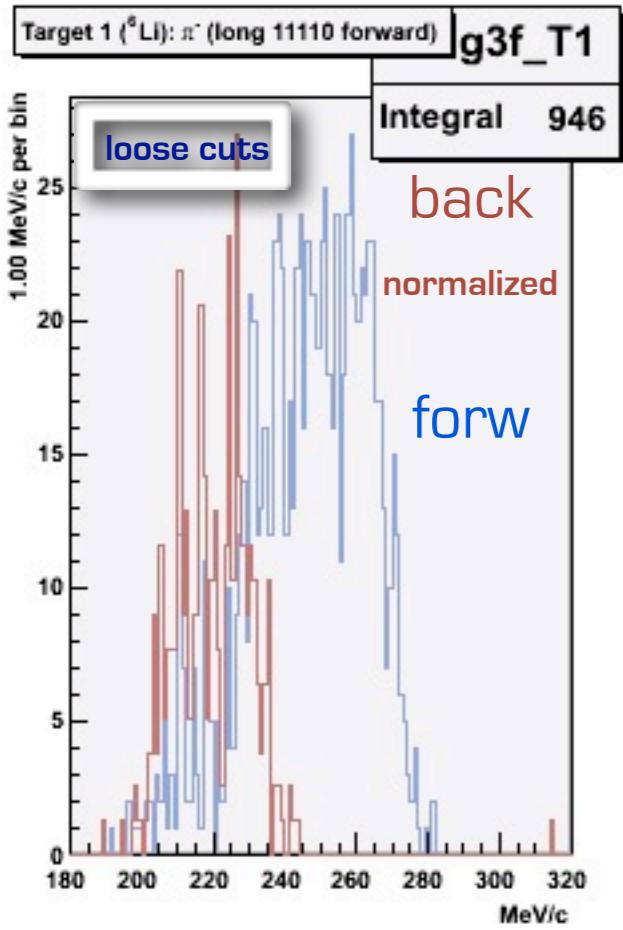
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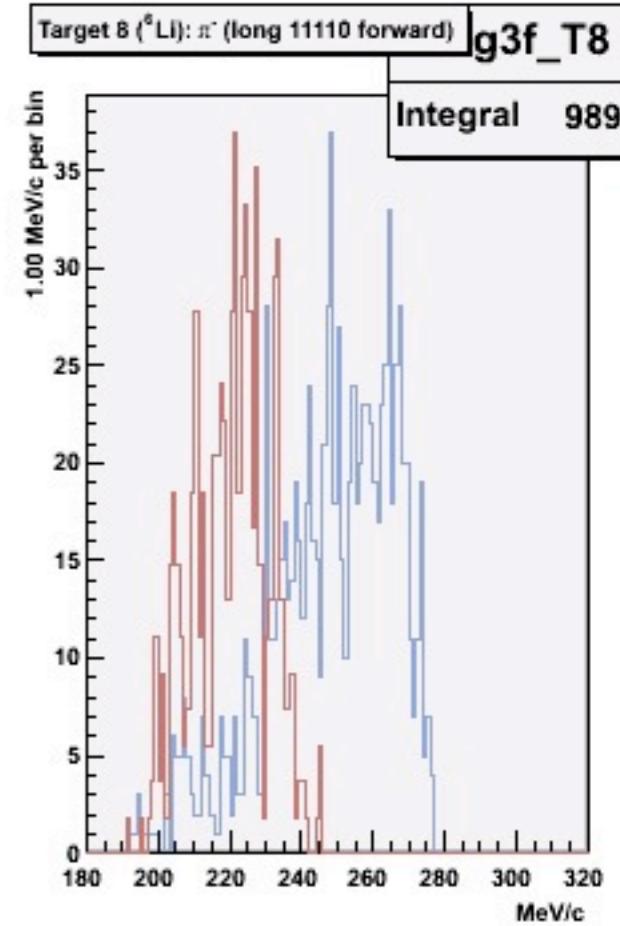
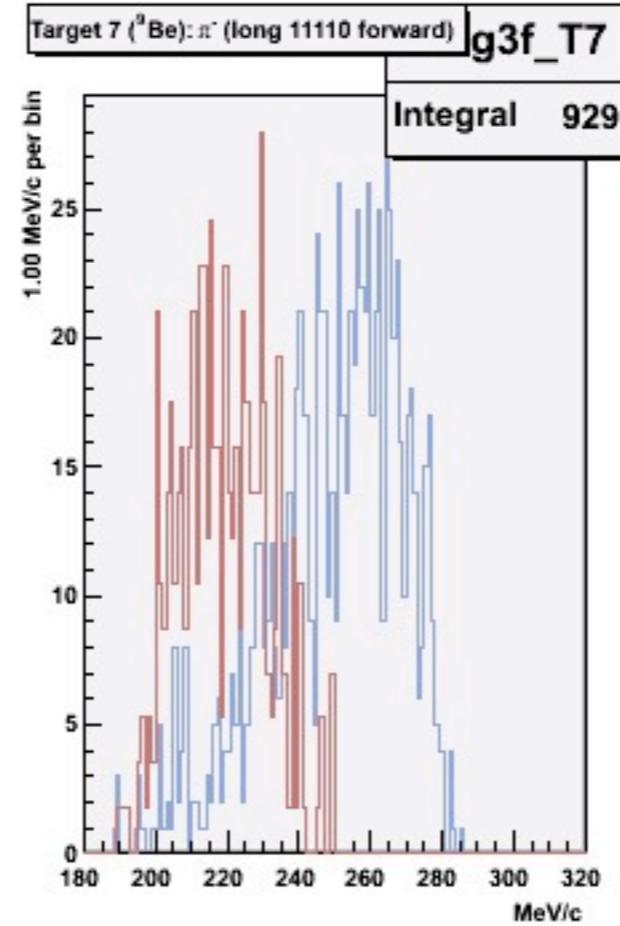
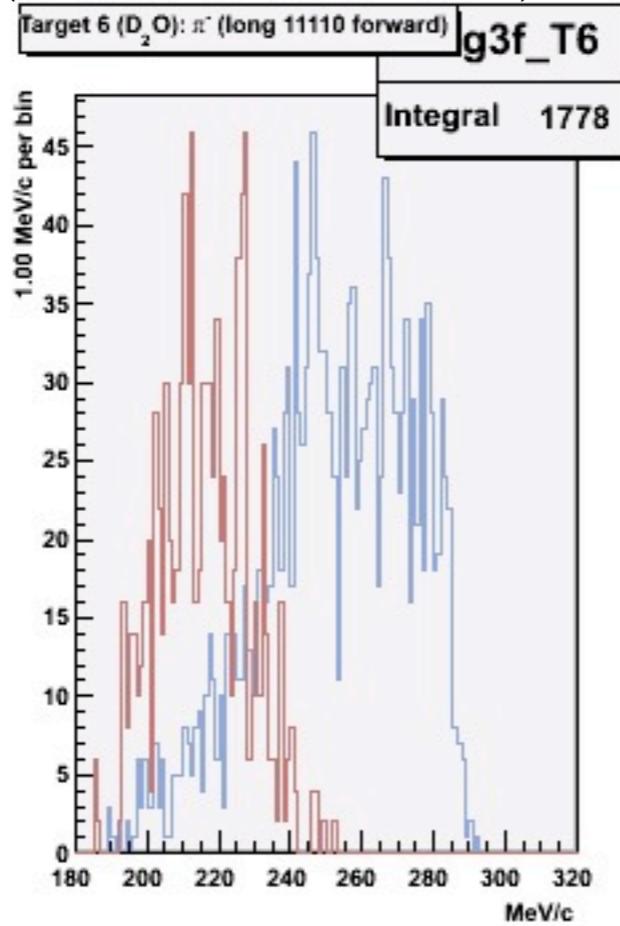
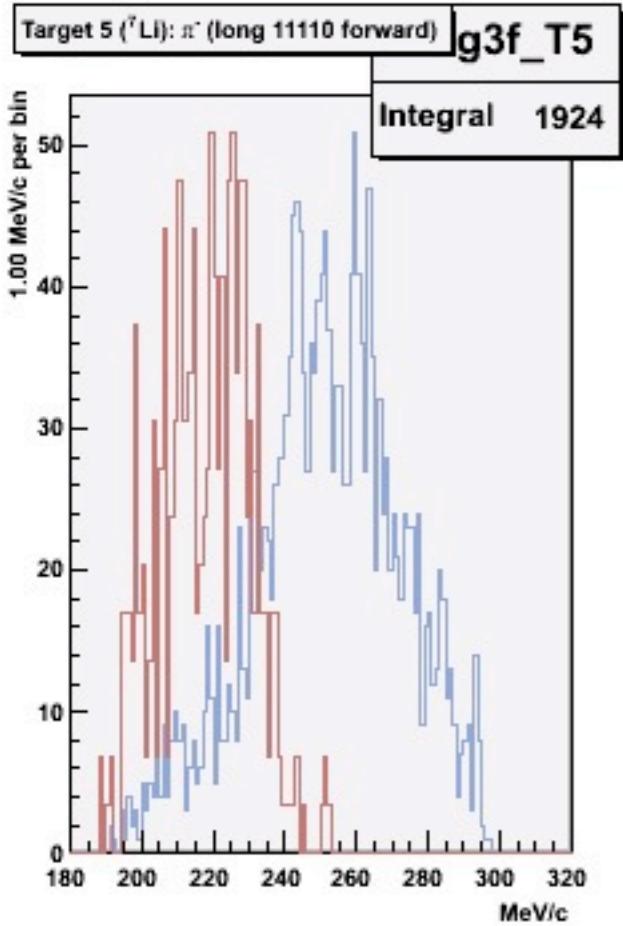
K- in-flight decays



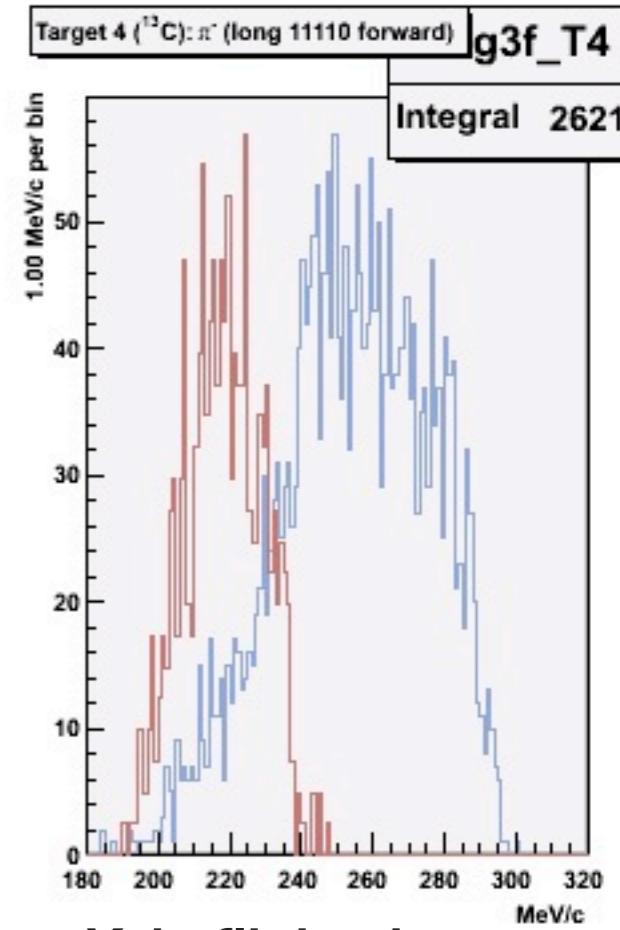
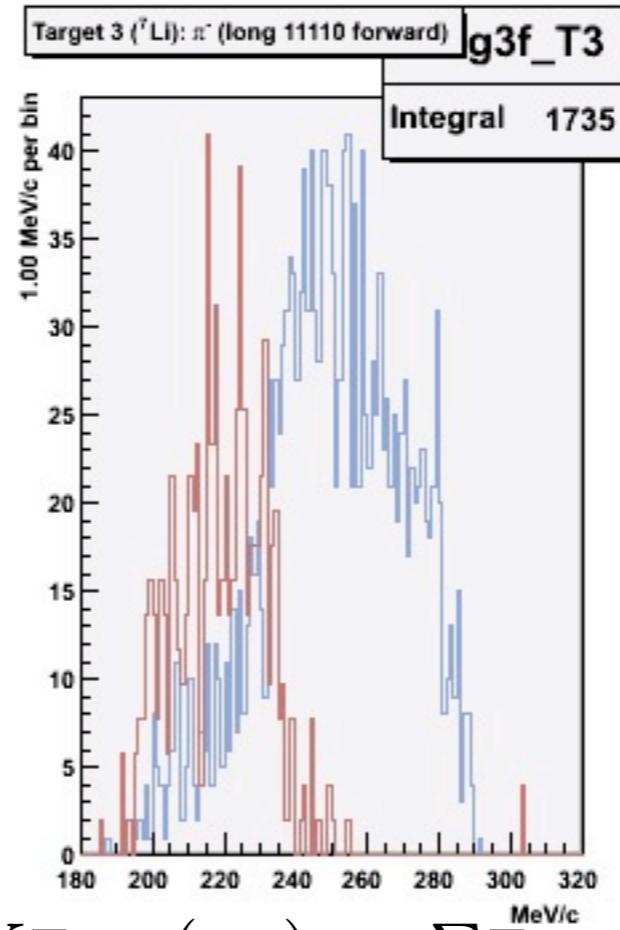
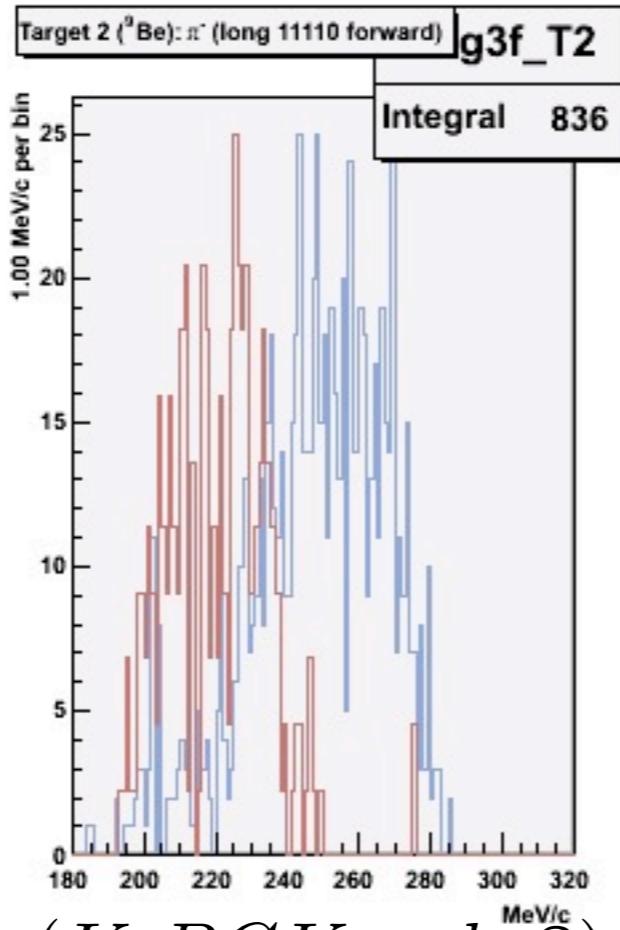
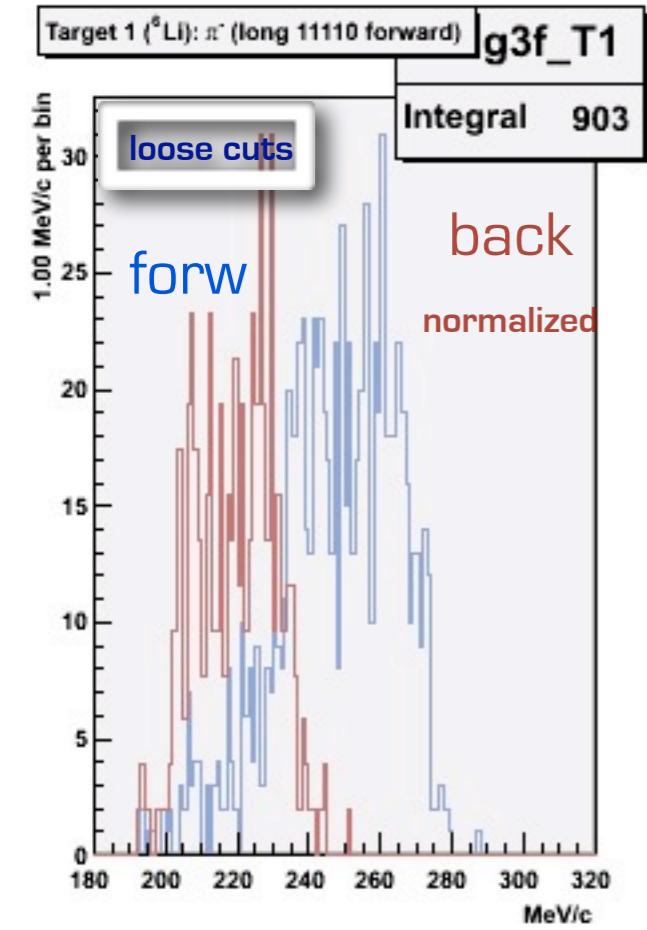
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K- in-flight decays

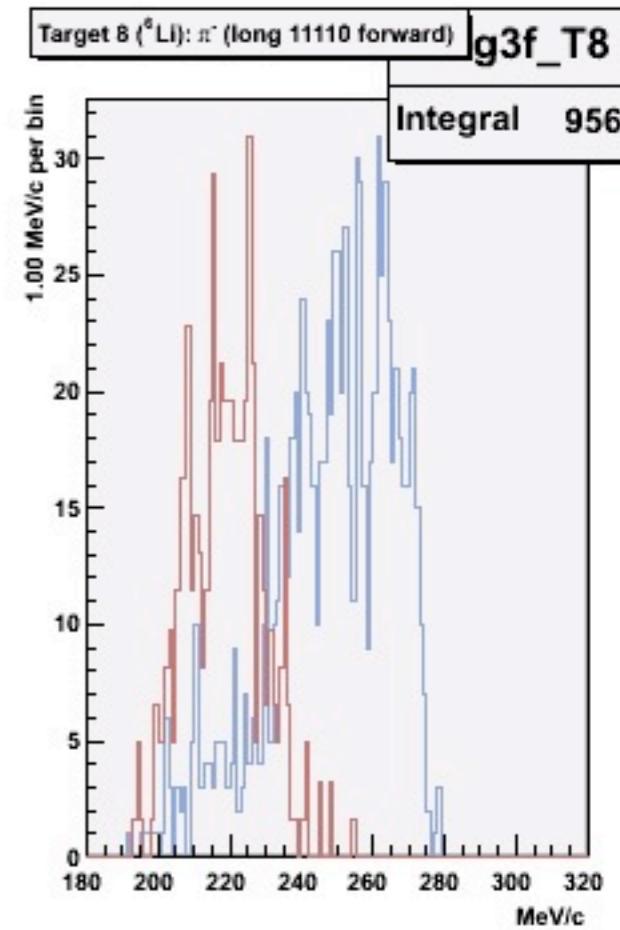
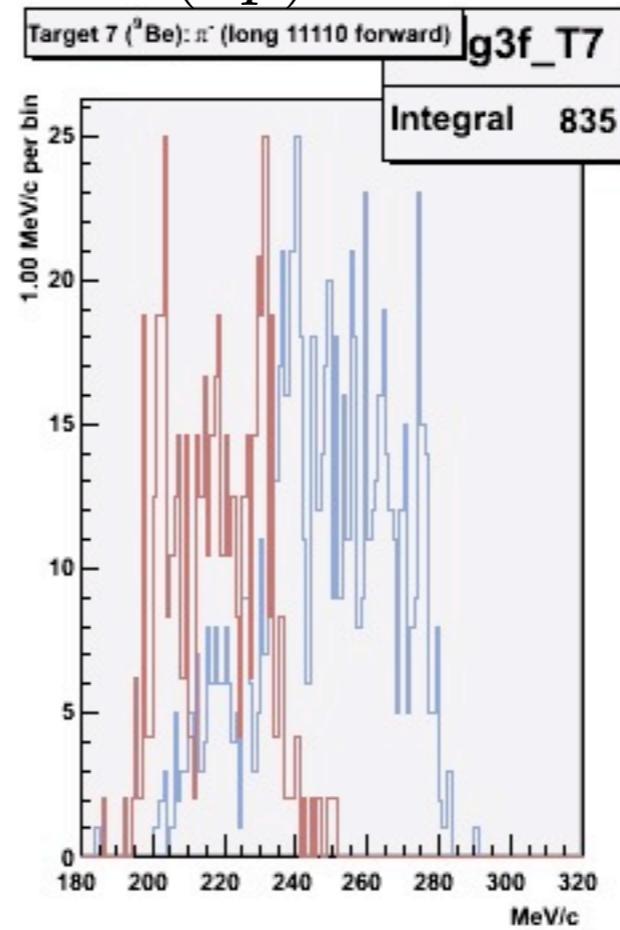
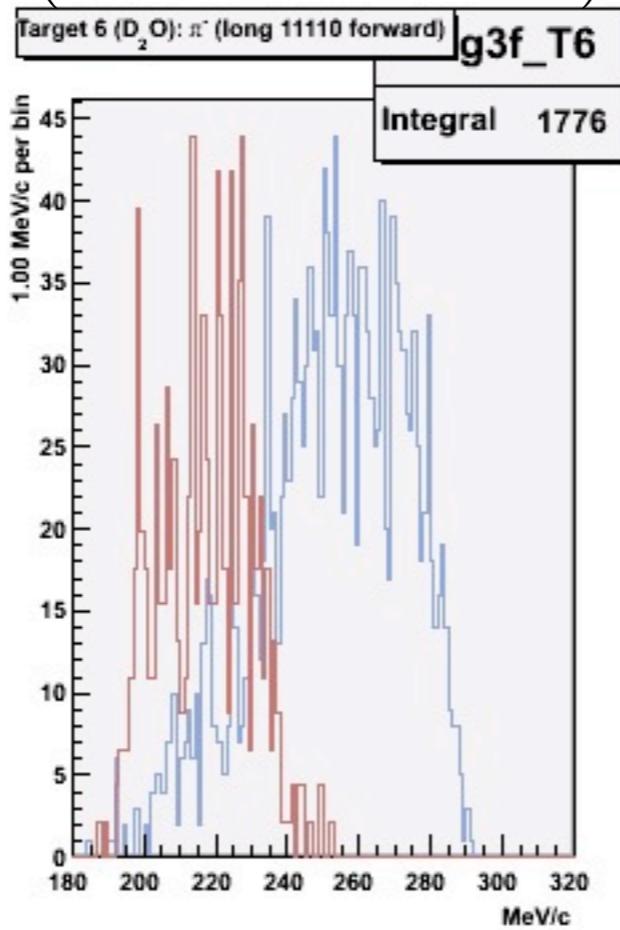
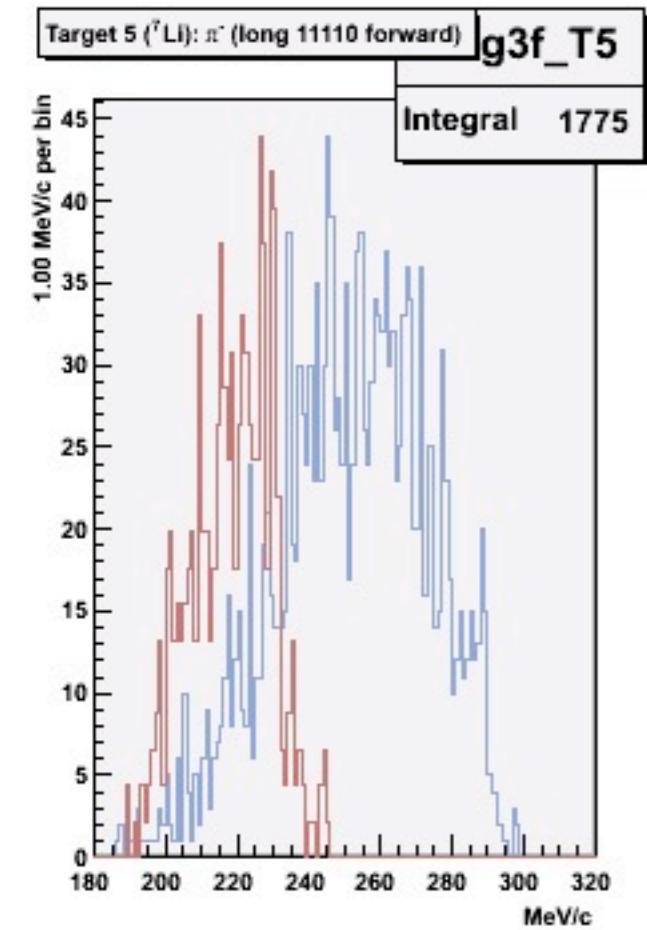


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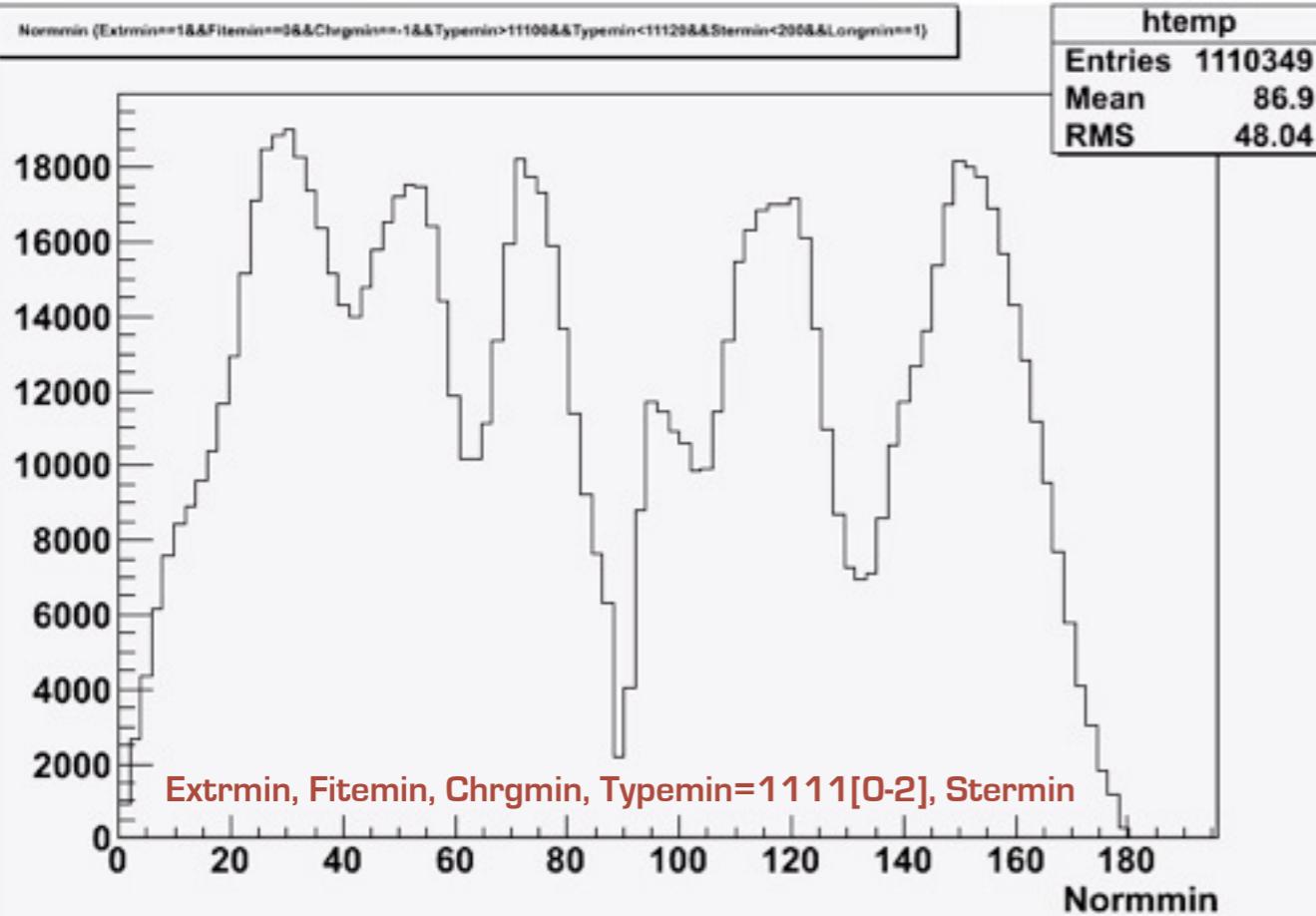
(*K_BCK code 8*) $K^- + (np) \rightarrow \Sigma^- + p$

K- in-flight decays

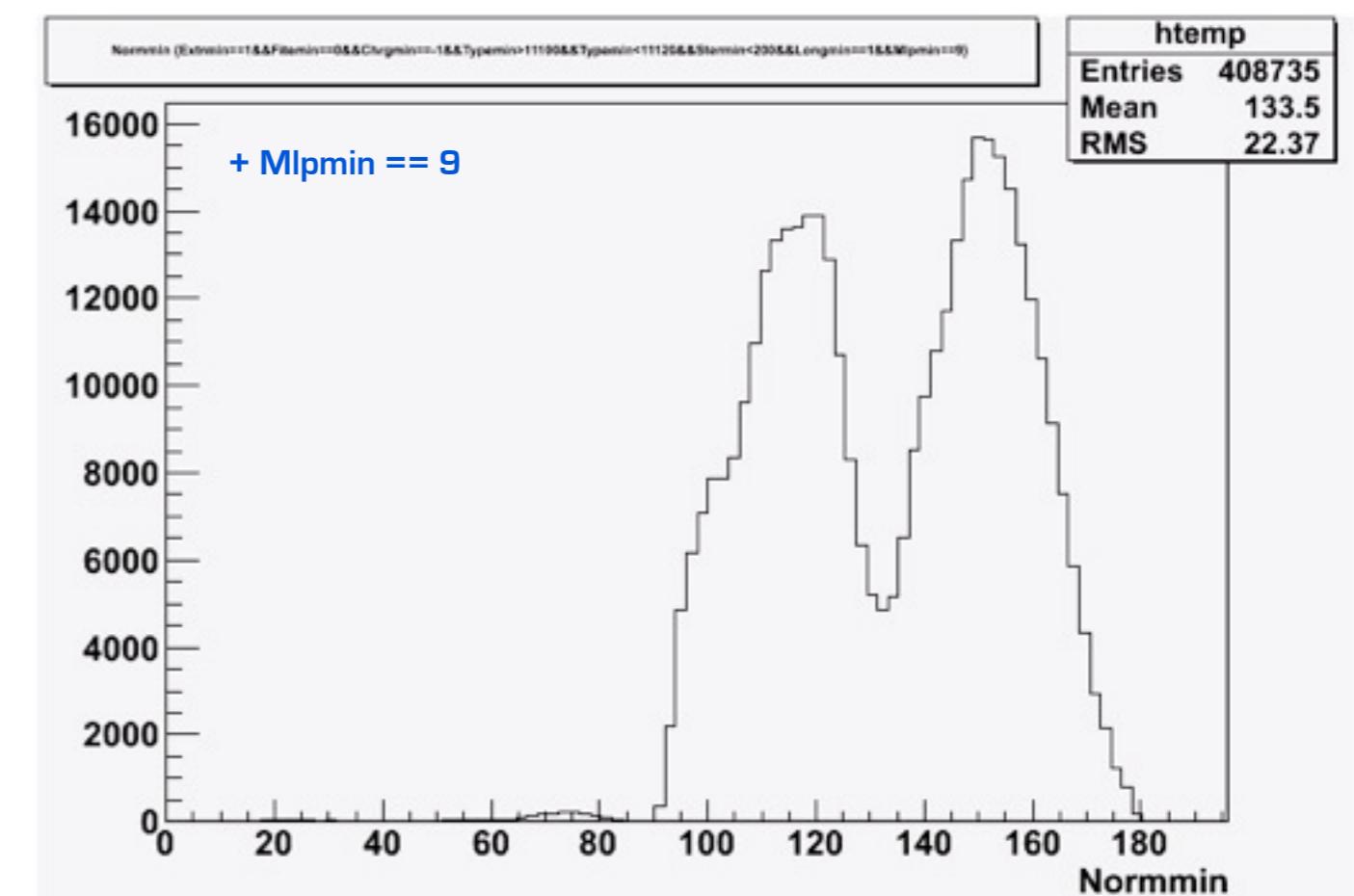


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anomalies



MC
nei dati non è così



anomalies

MC (Extrmin, Fitemin) - il picco sembra dovuto a una traccia positiva

