background reactions - MC^{studies}

fabio.Moia, germano.Bonomi
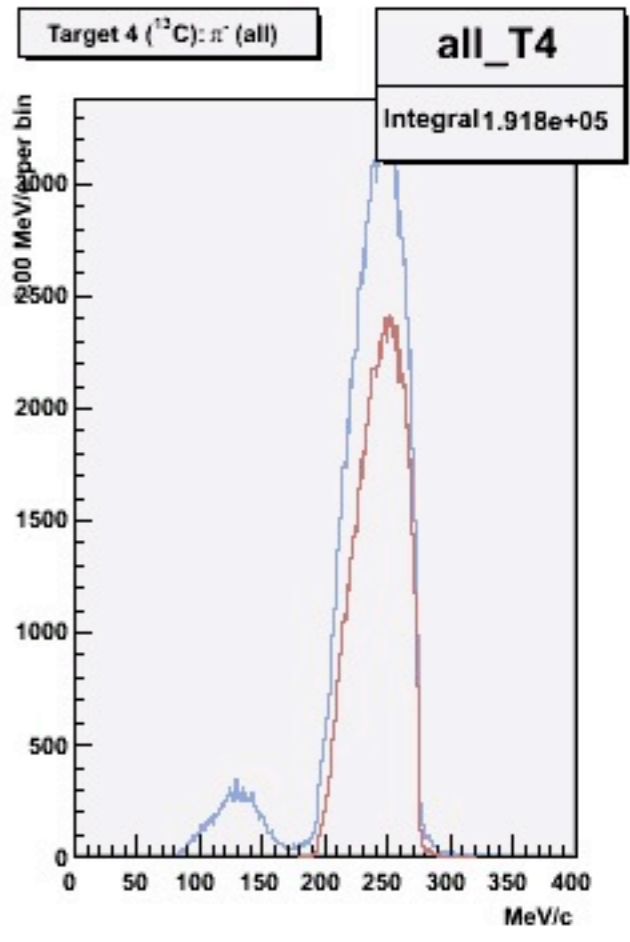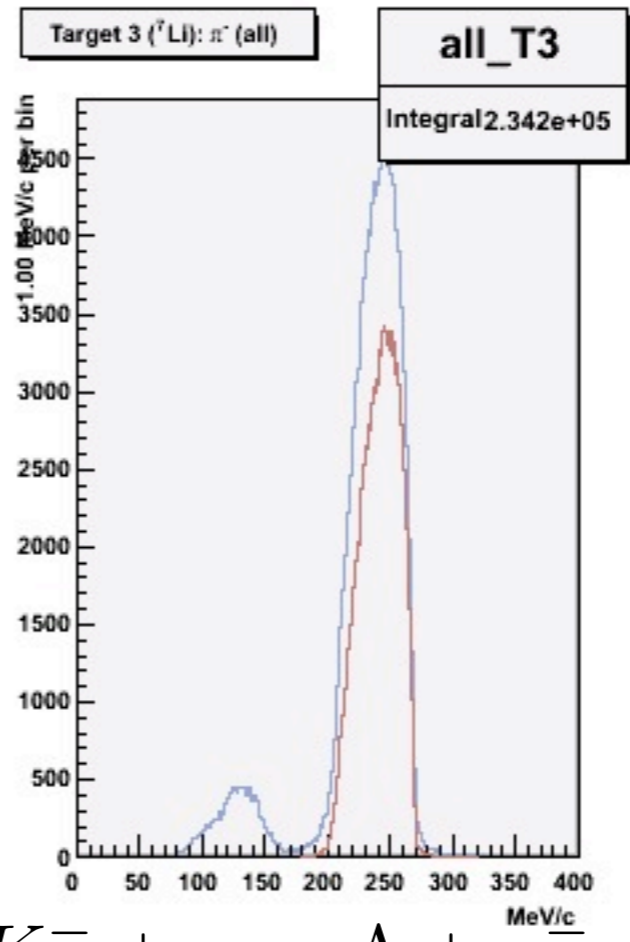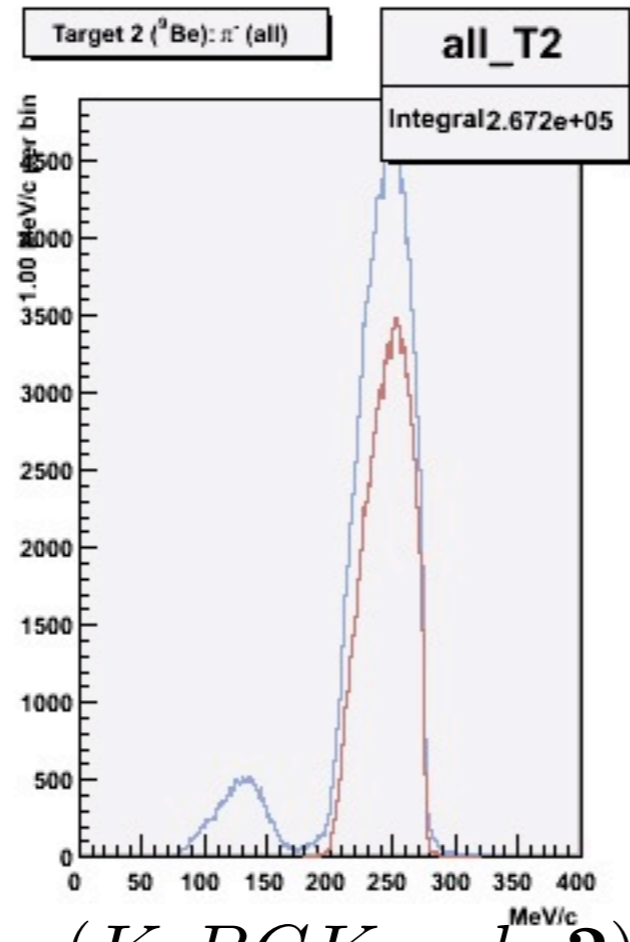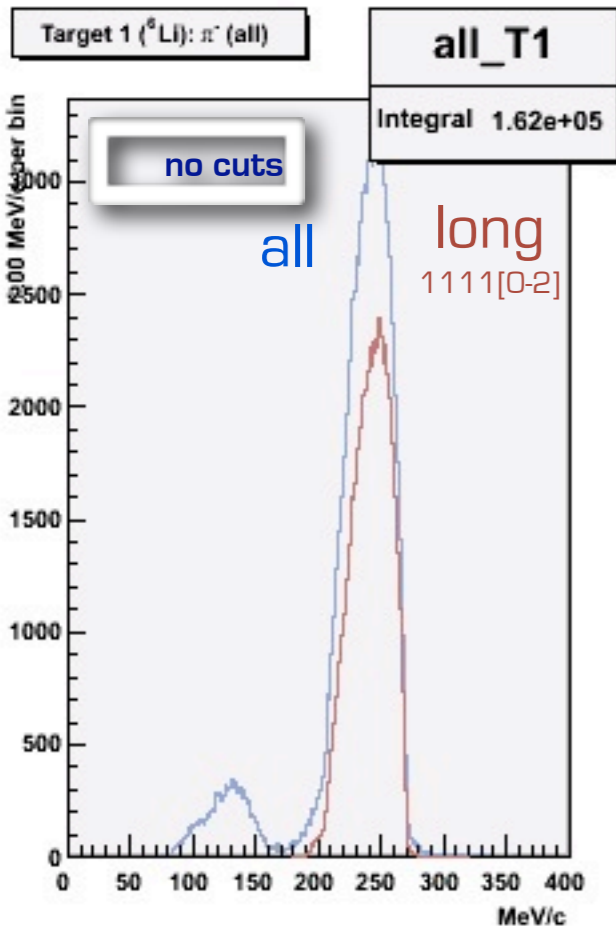
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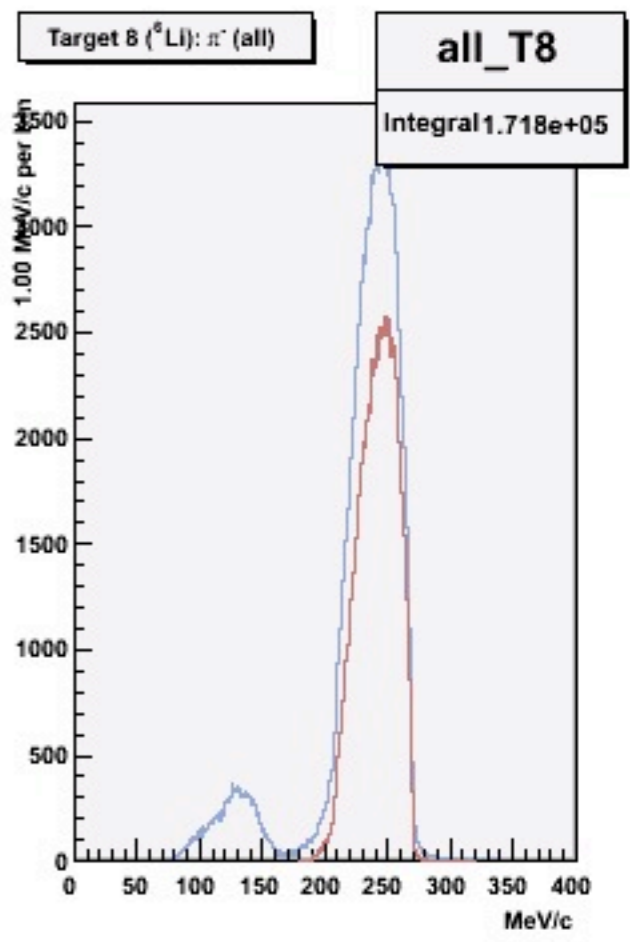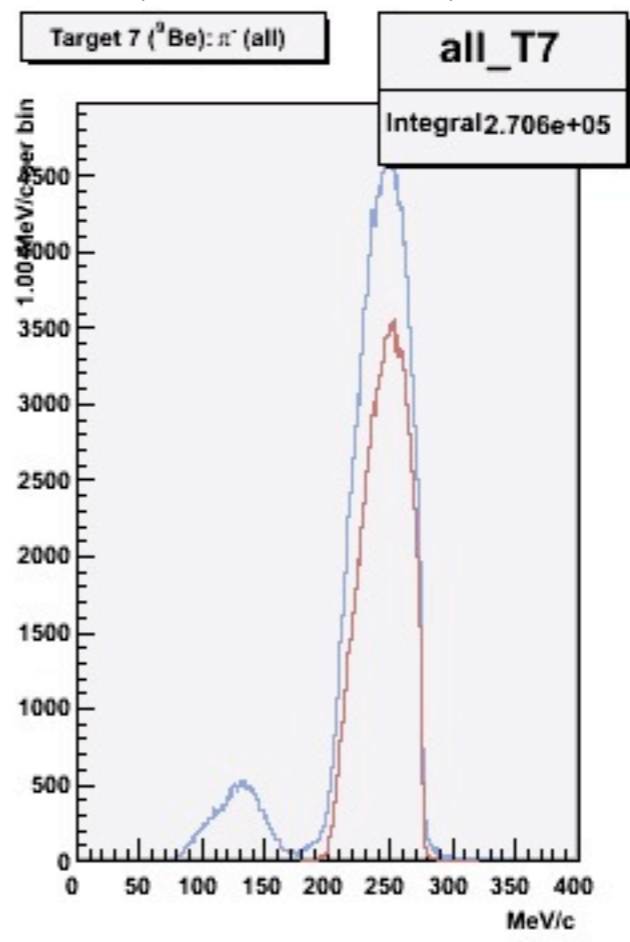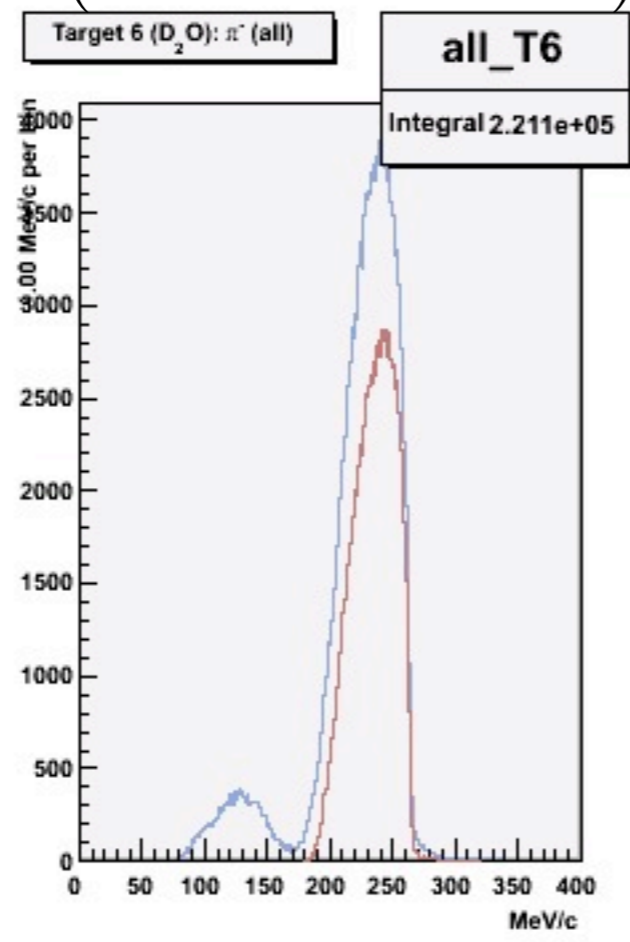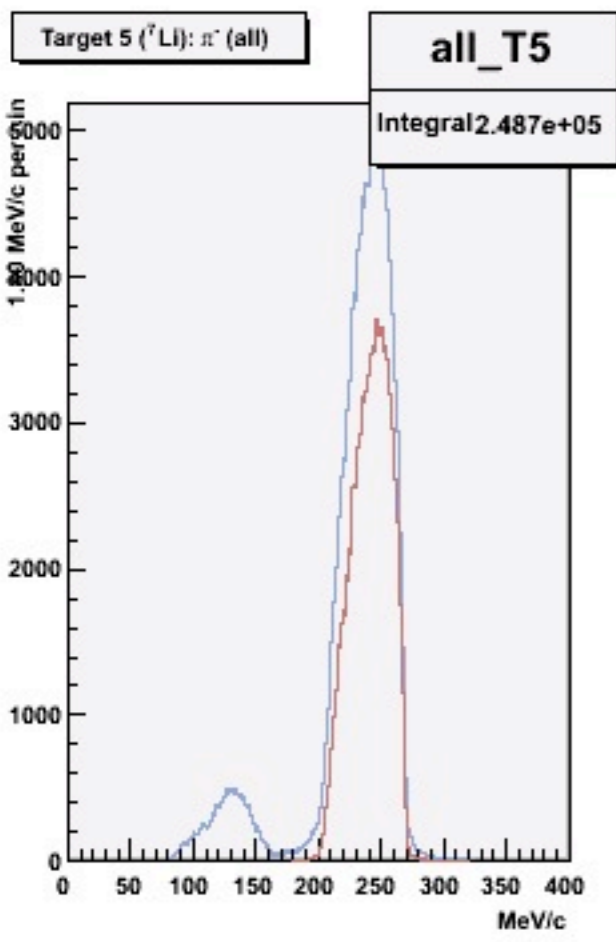
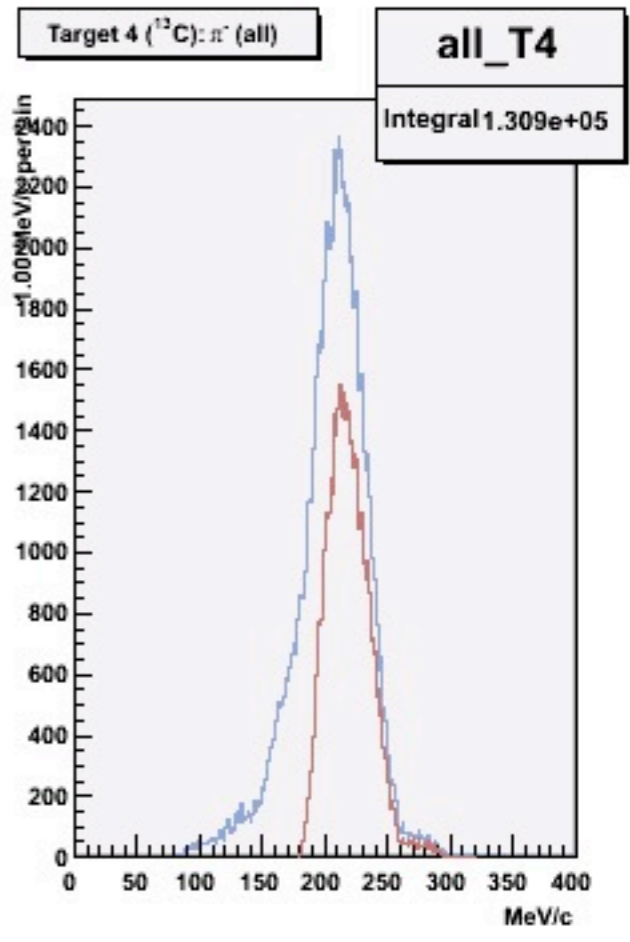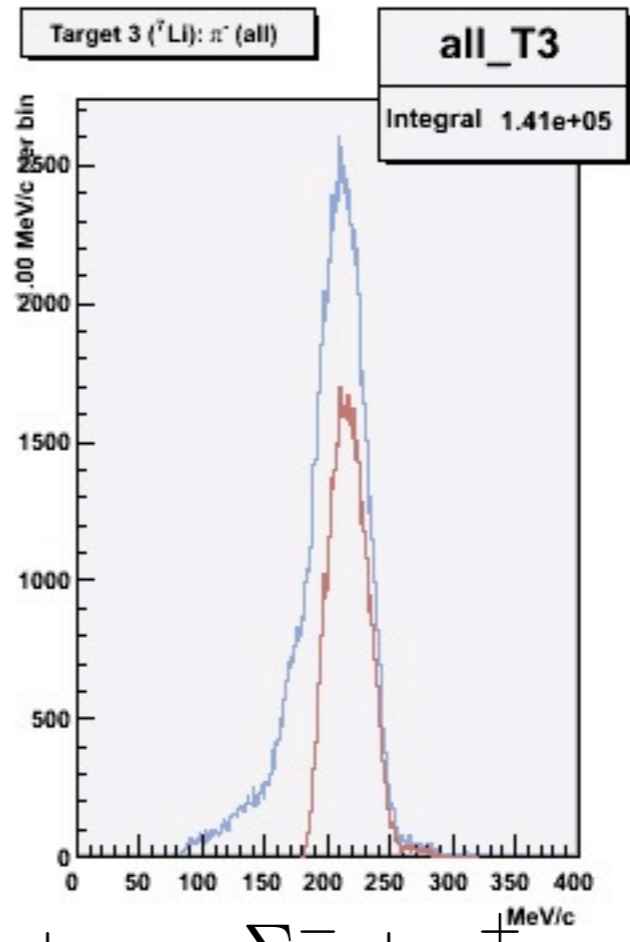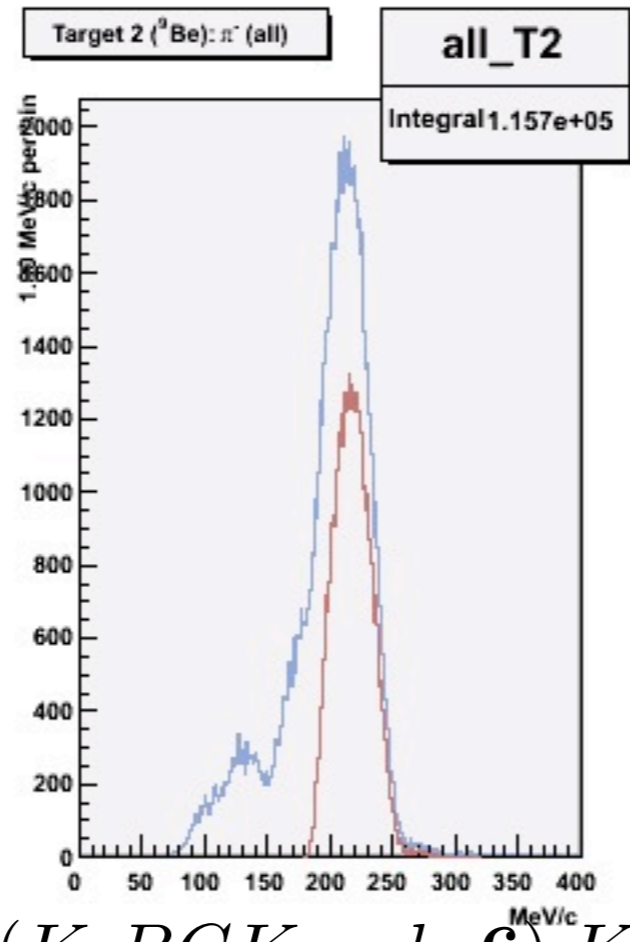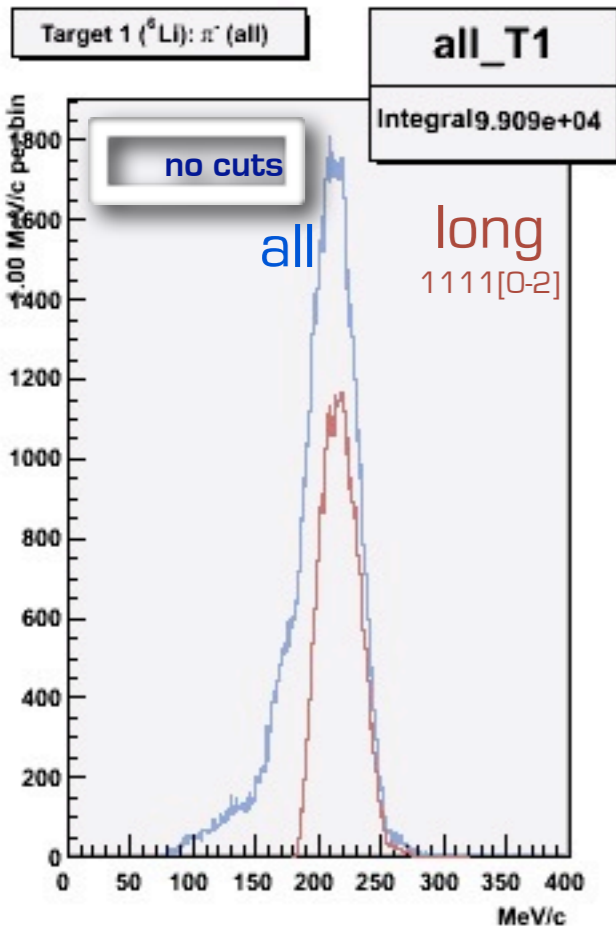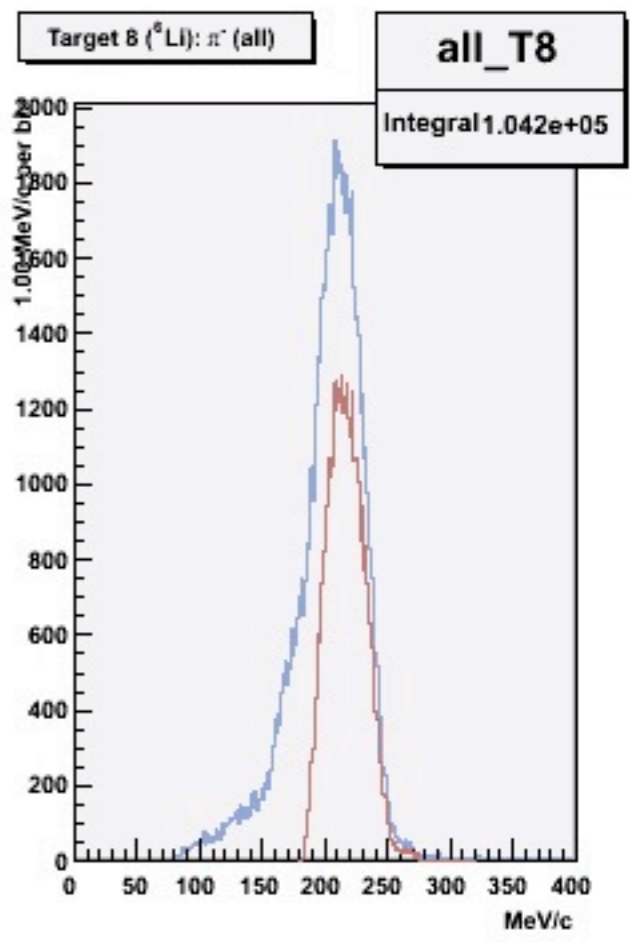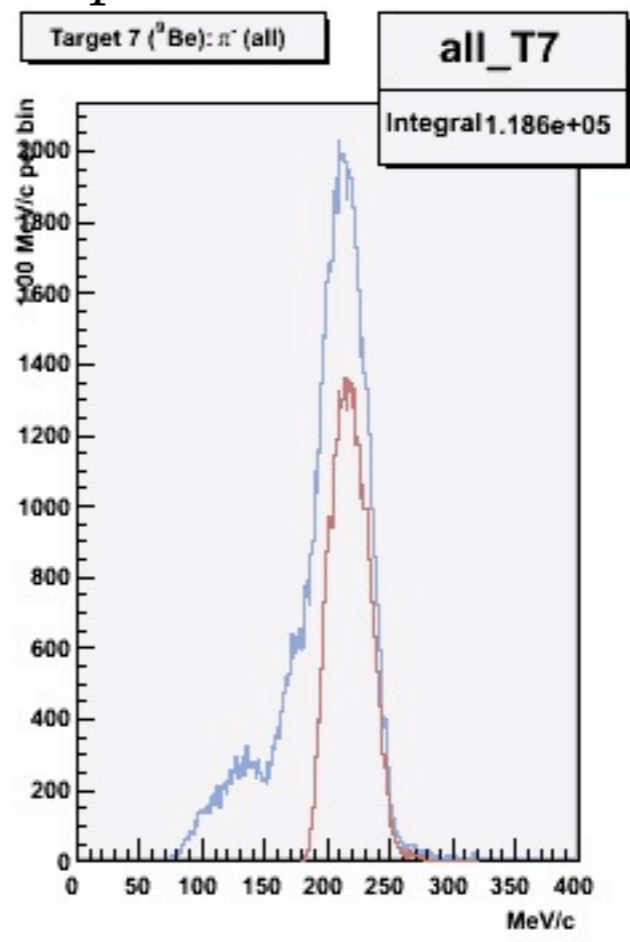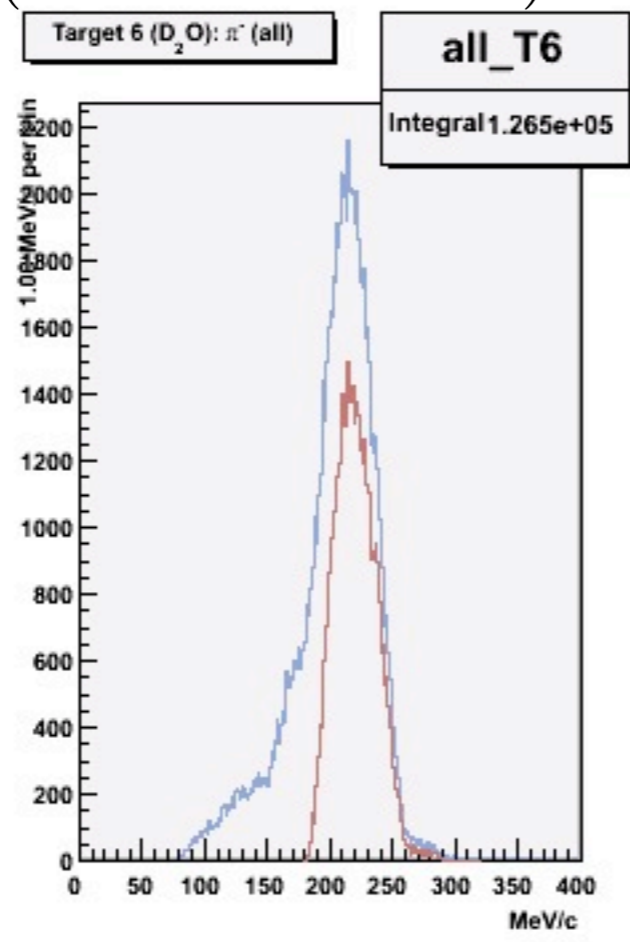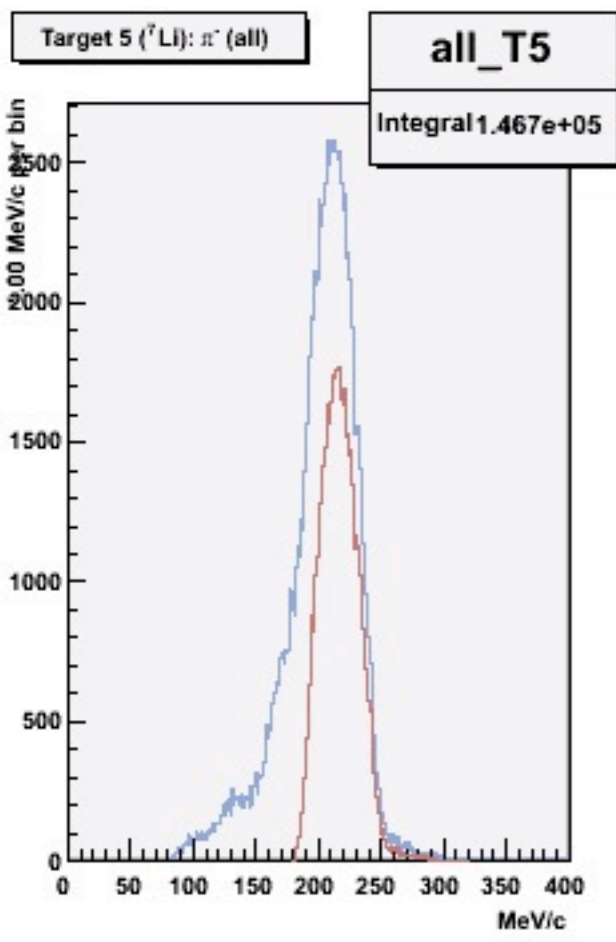$(K\_BCK\ code\ \mathbf{6})\ K^- + p \rightarrow \Sigma^- + \pi^+$
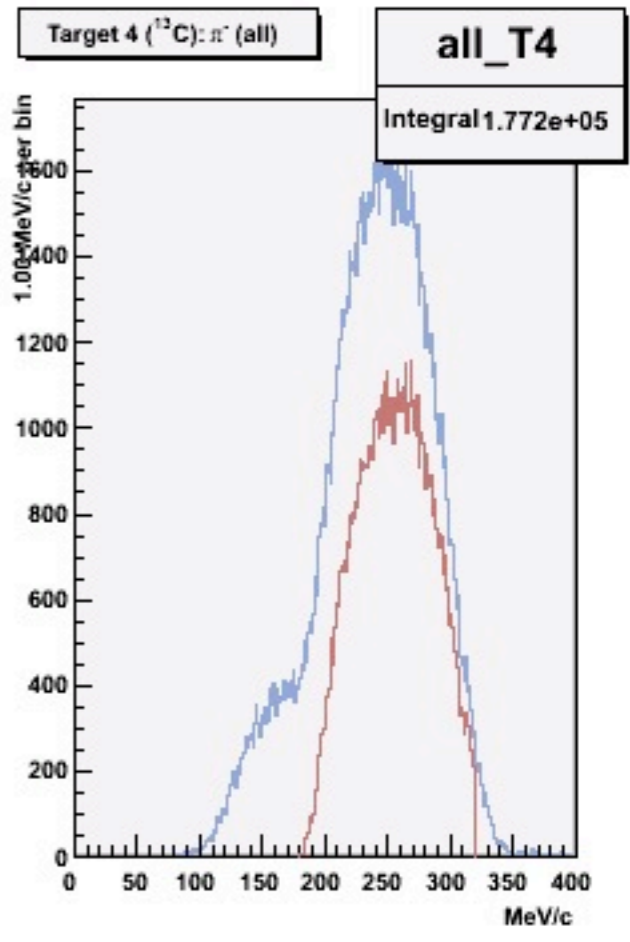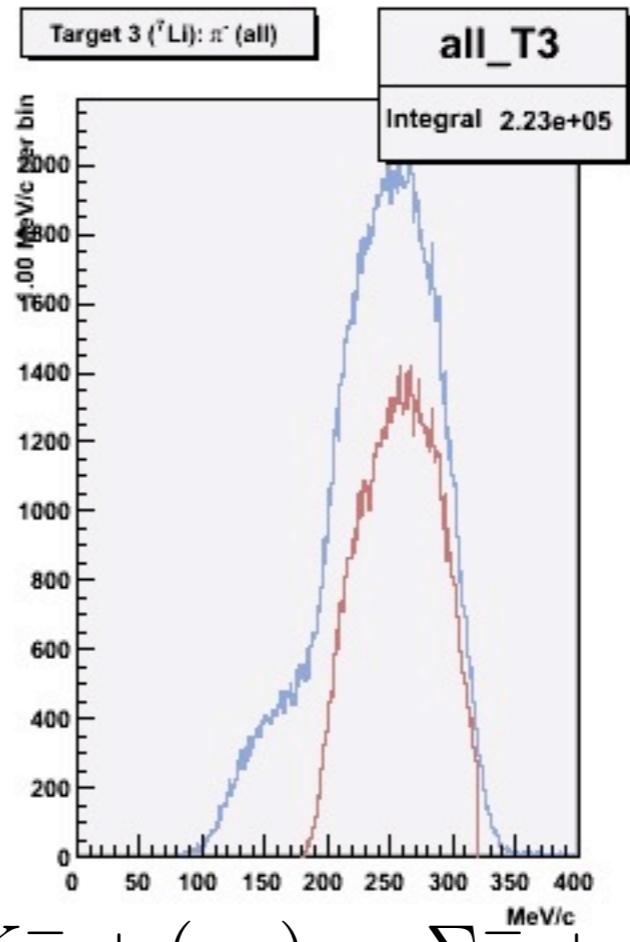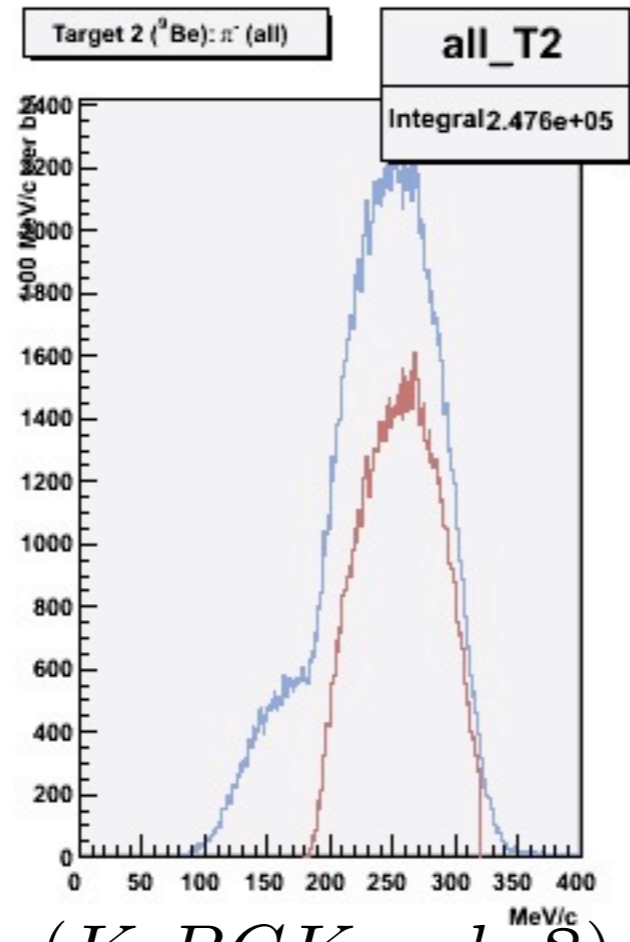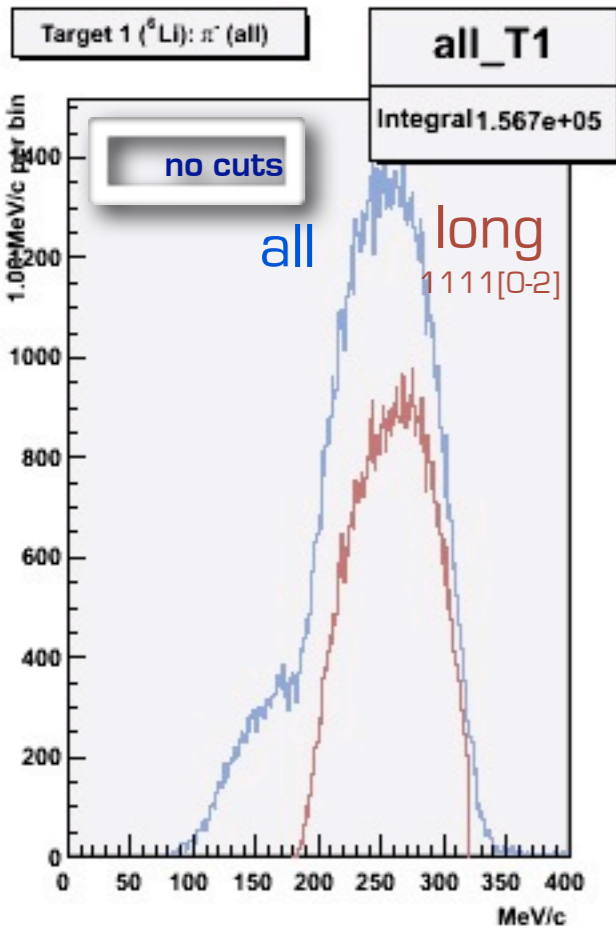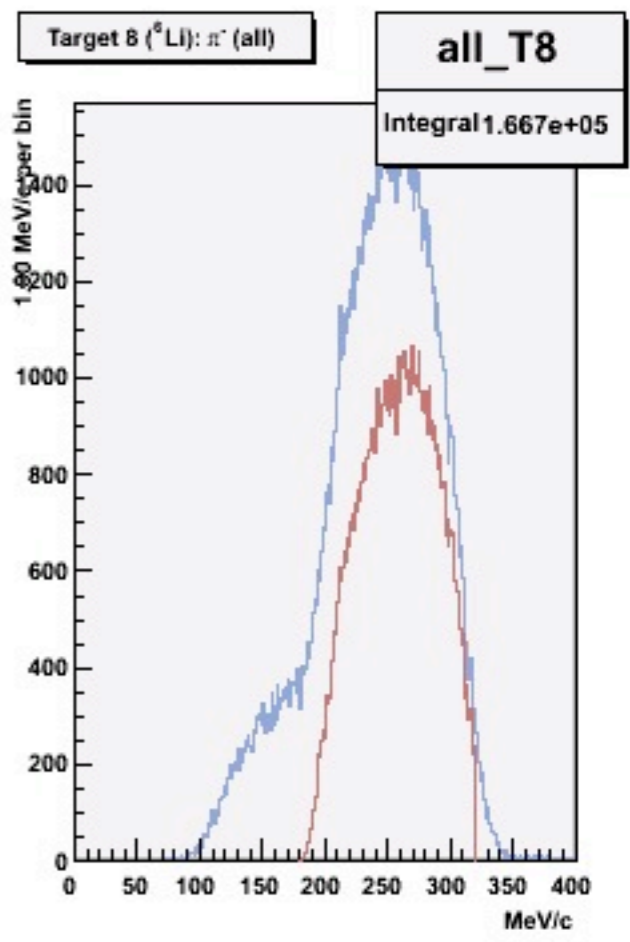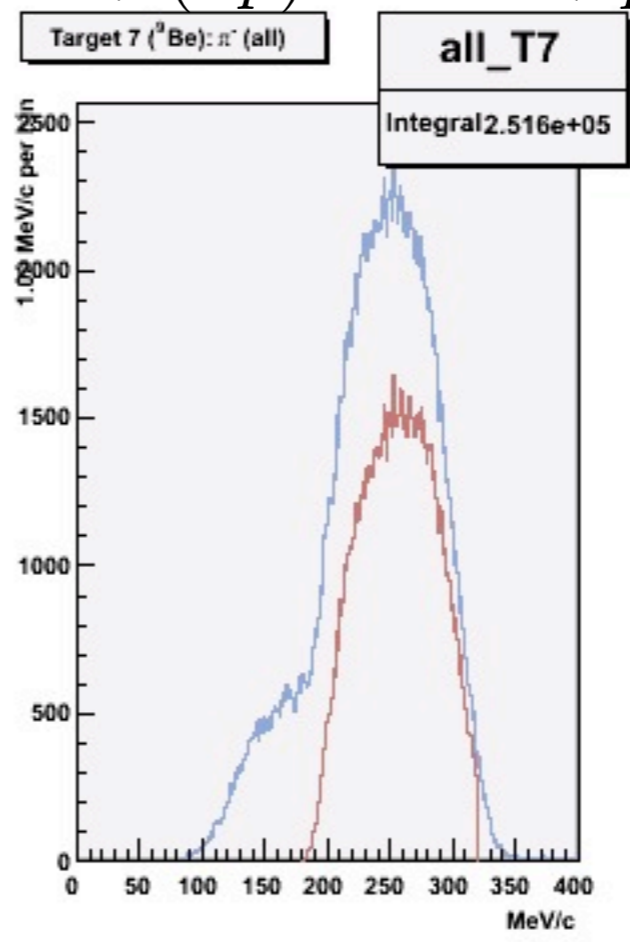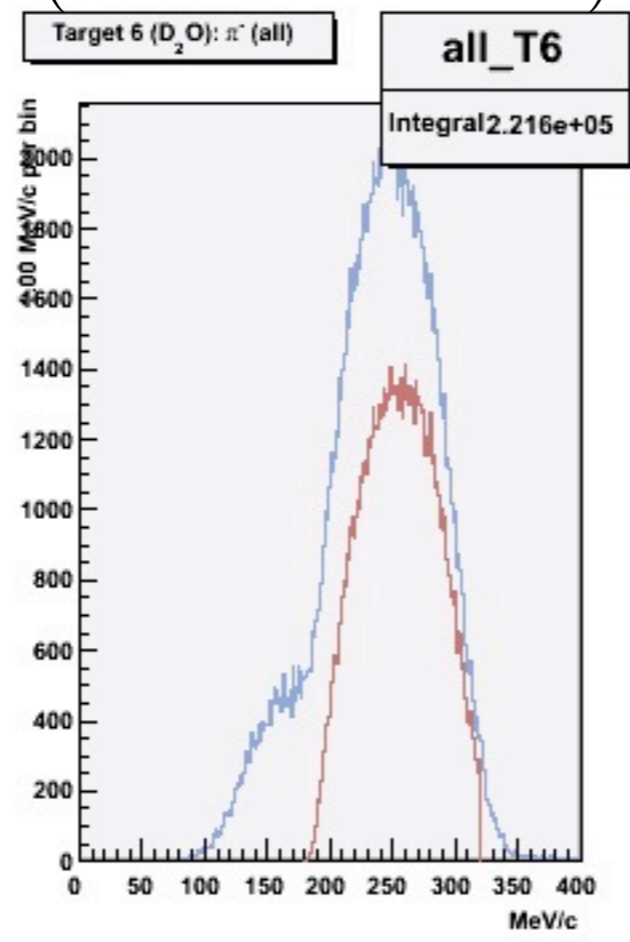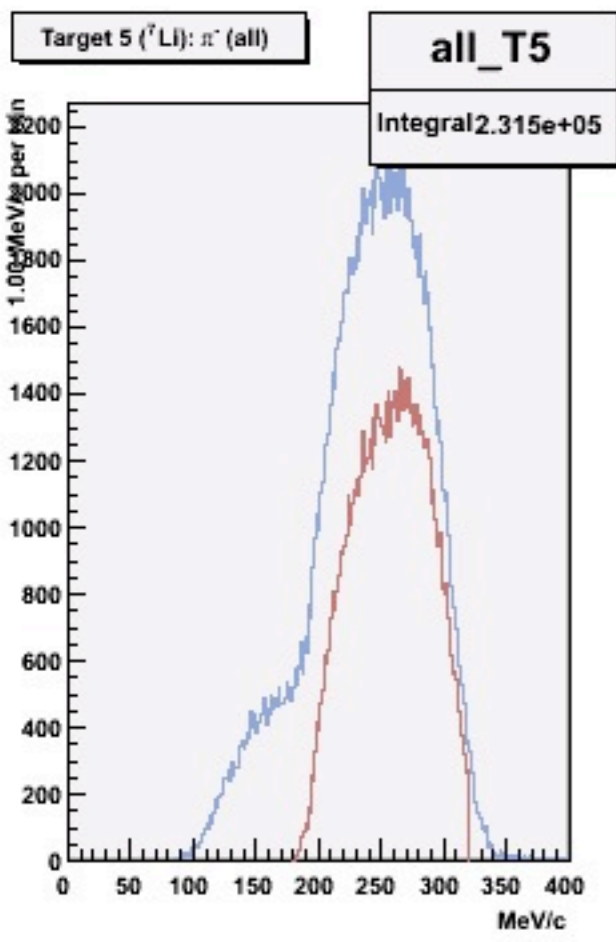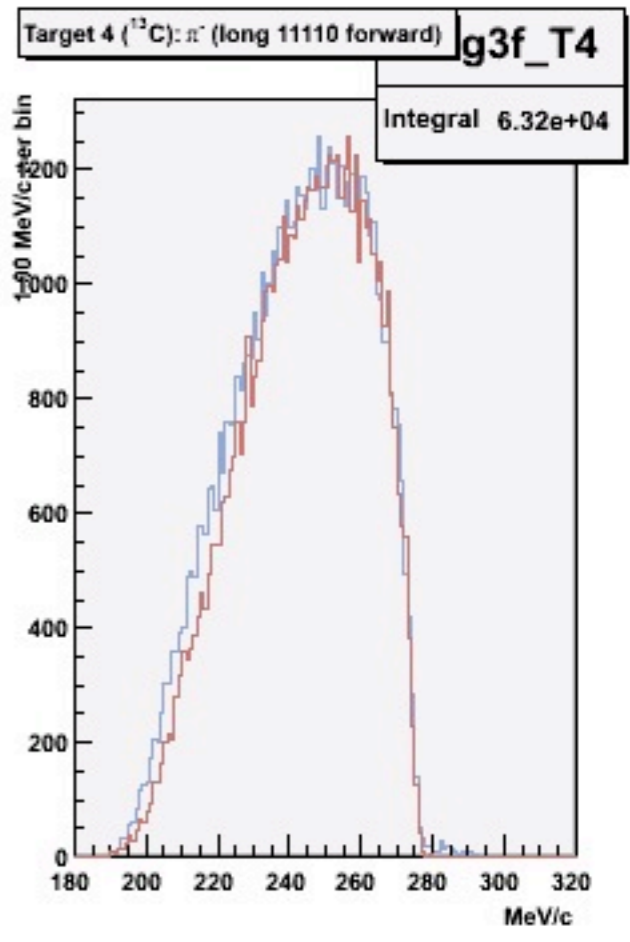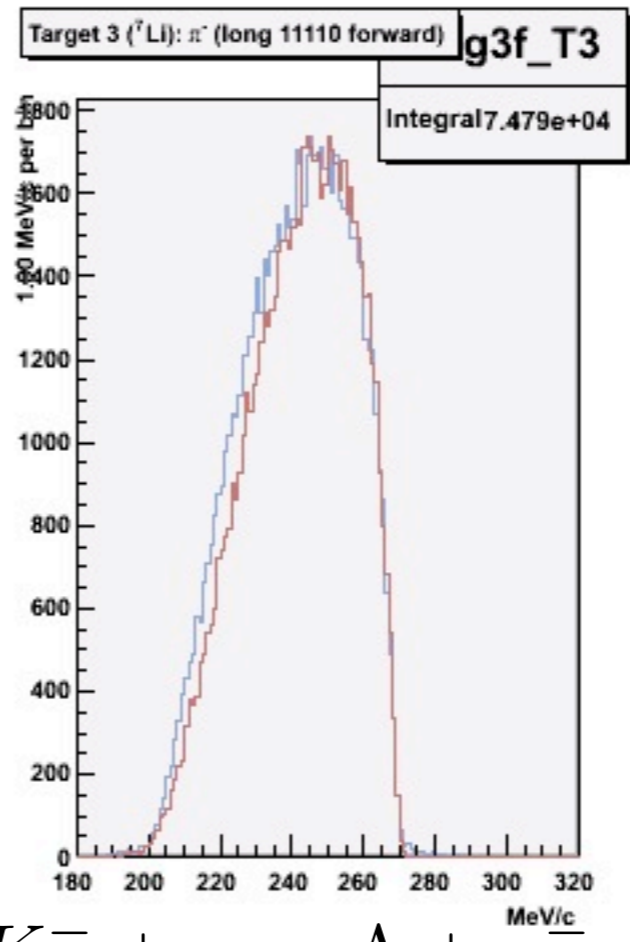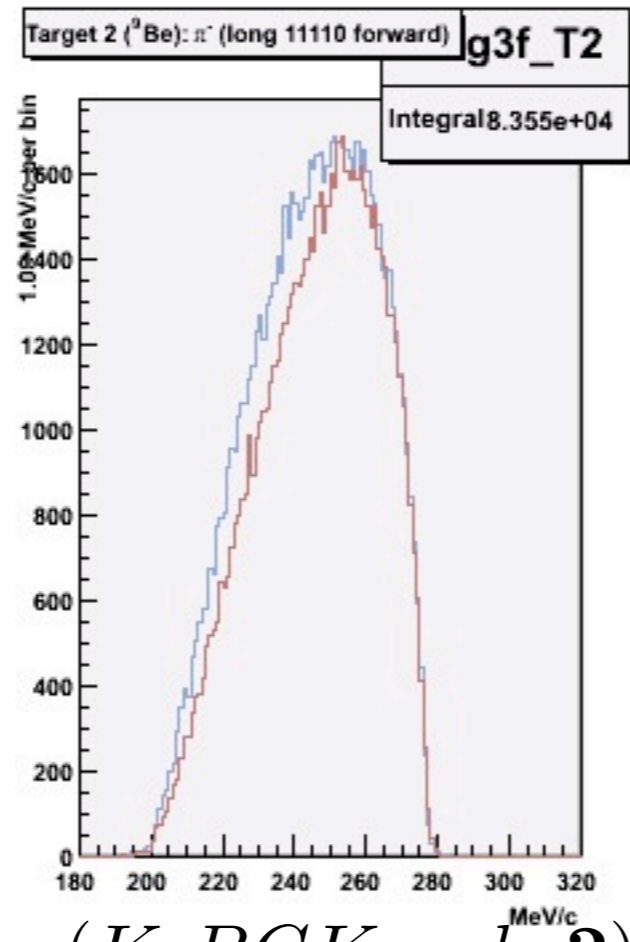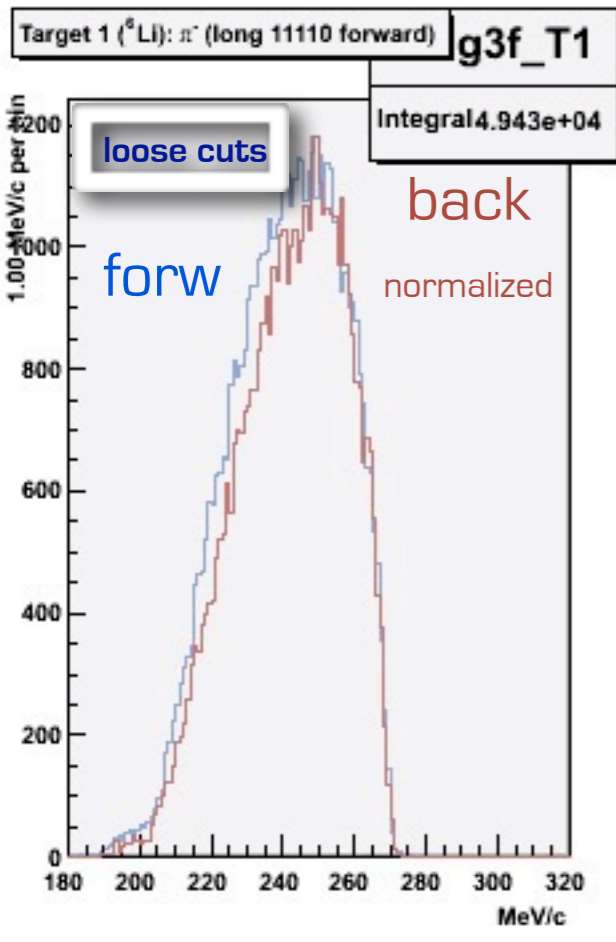
$(K\_BCK\ code\ \mathbf{8})\ K^{-} + (np) \rightarrow \Sigma^{-} + p$

$$(K\_BCK\ code\ \mathbf{2})\ K^- + n \to \Lambda + \pi^-$$
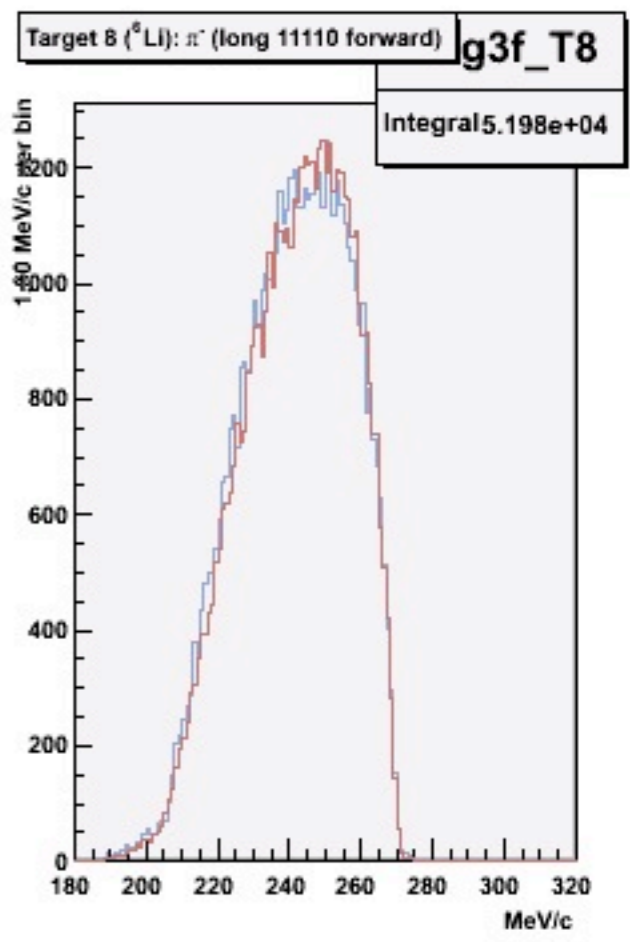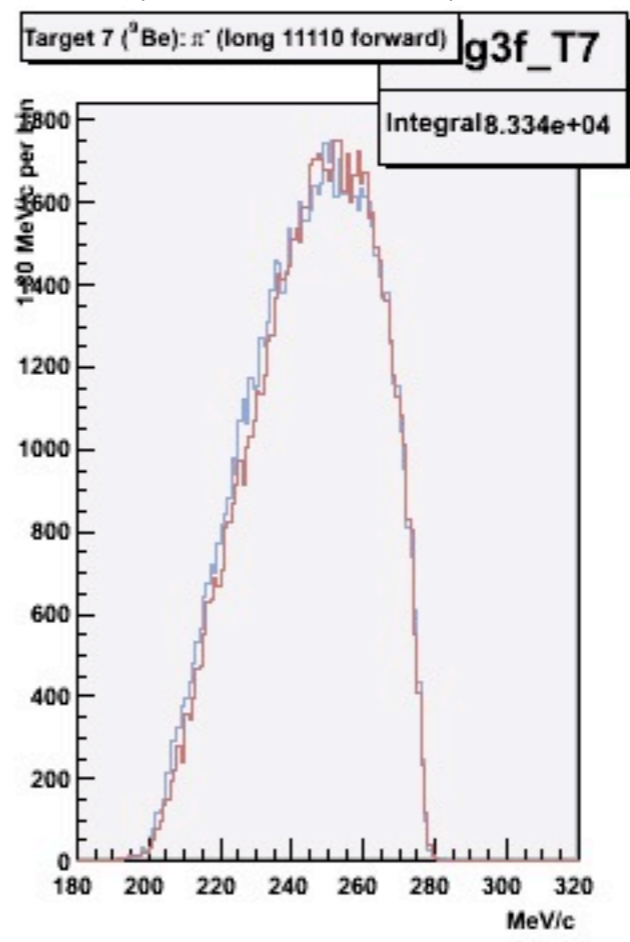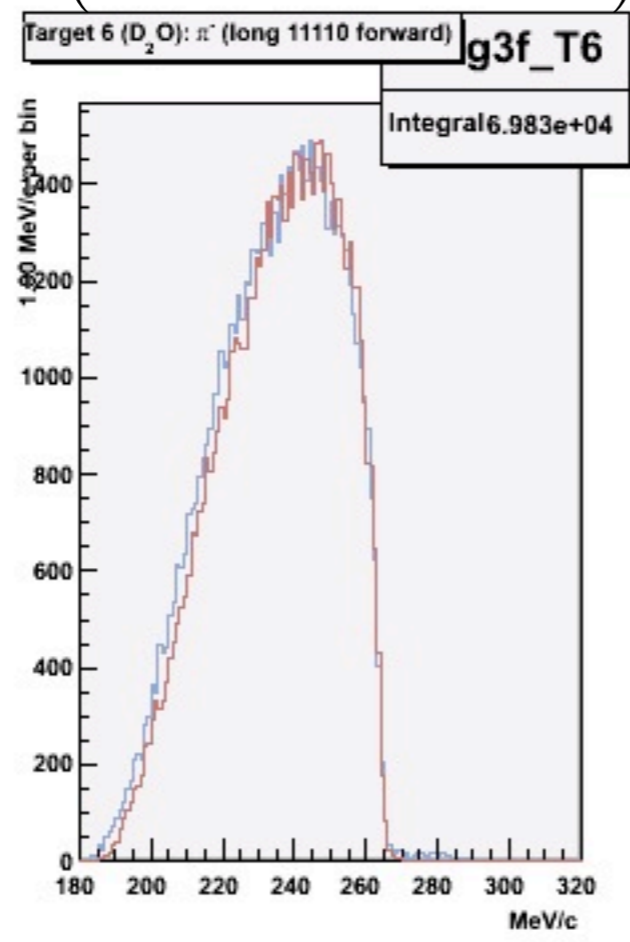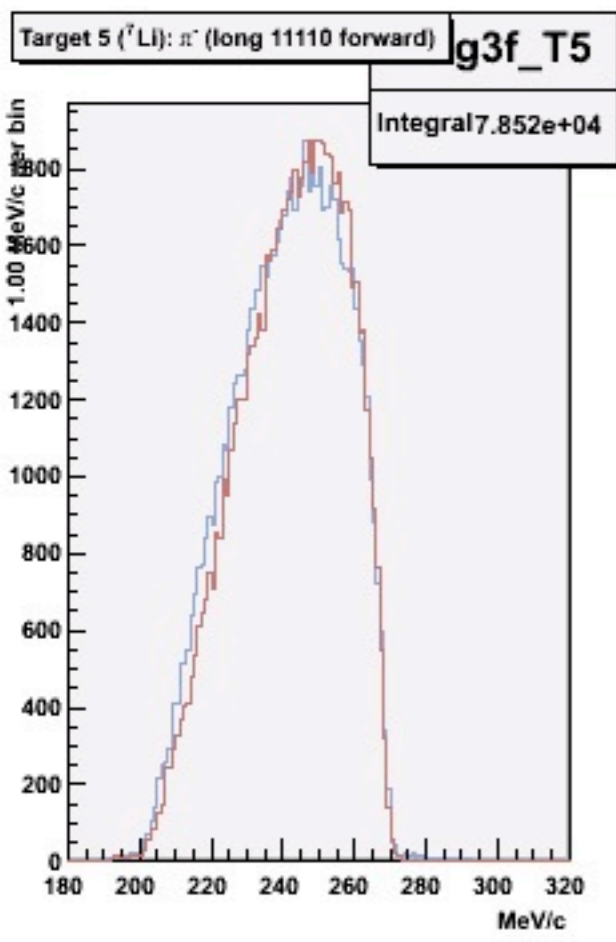
Chrgmin[itrk]==**-1**&&Dispmin[itrk]<**3**.&&Disvmin[itrk]<**3**.&&Dev2min[itrk]<**10**.}&&Resdmin[itrk]<**1**&&Vdktmin[itrk]<**1**&&Stermin<**200**
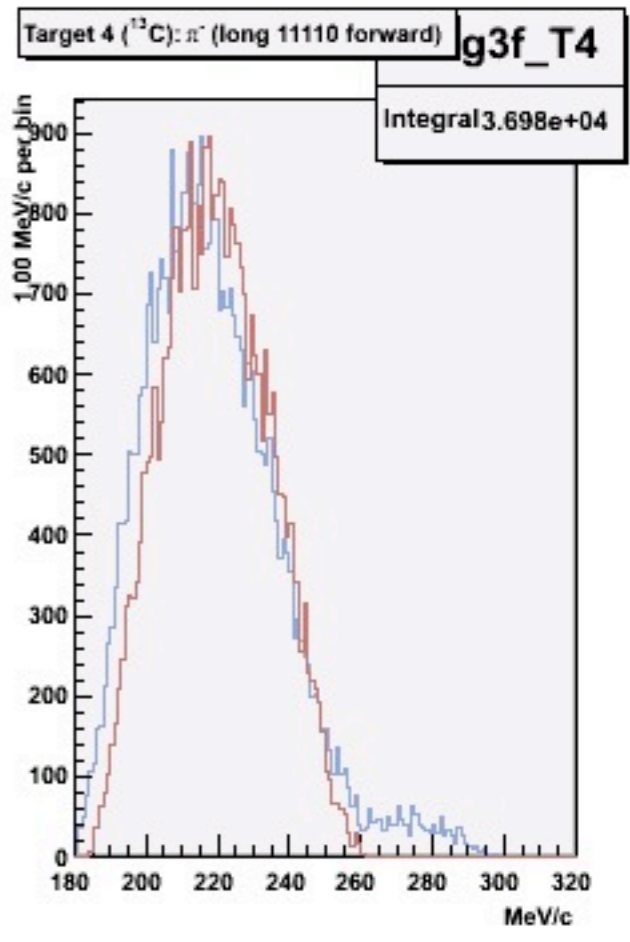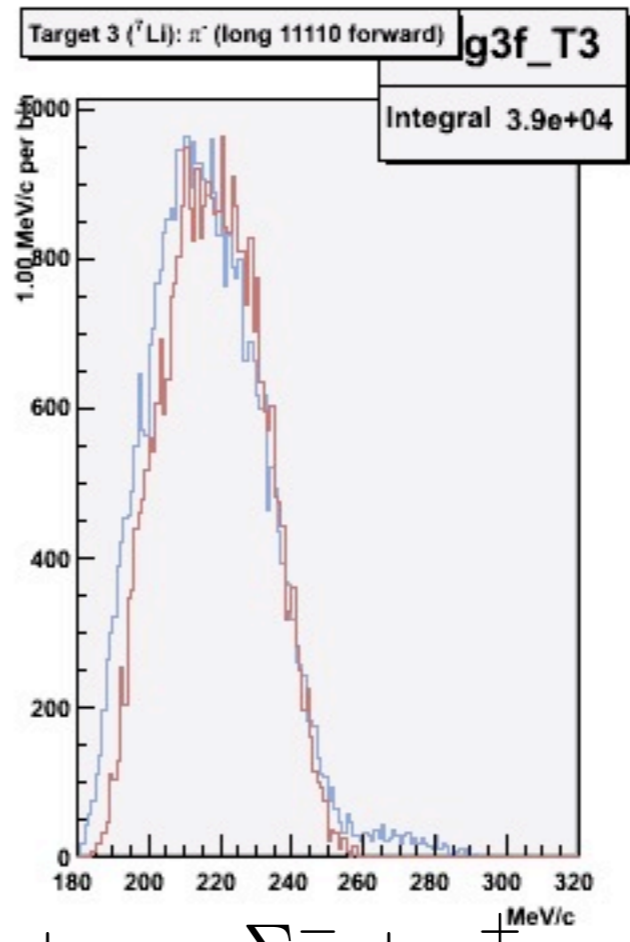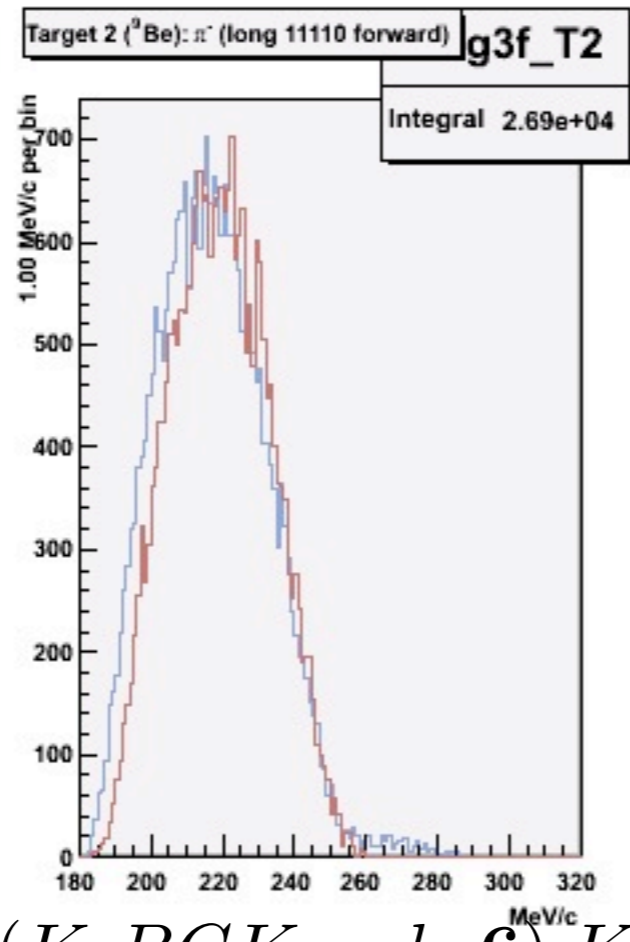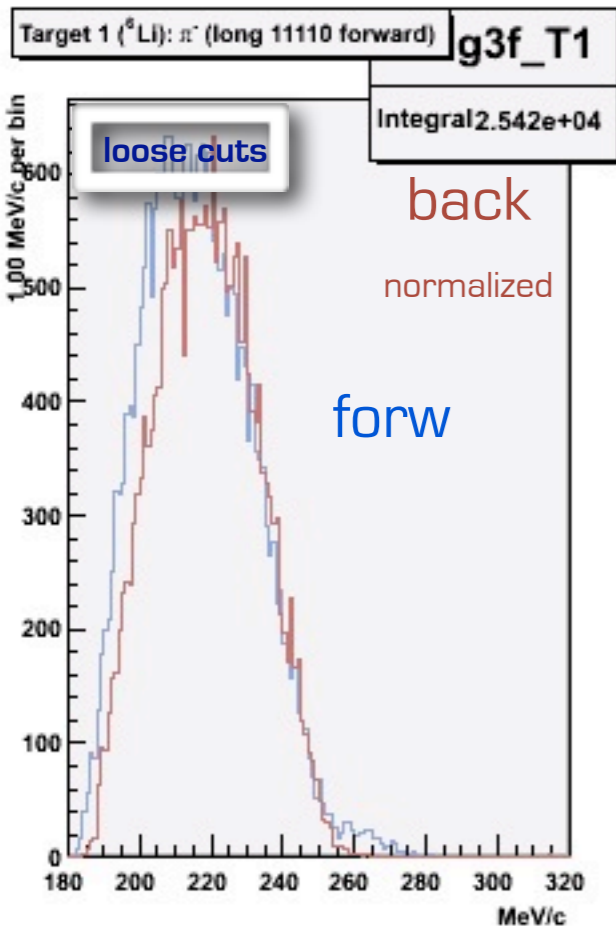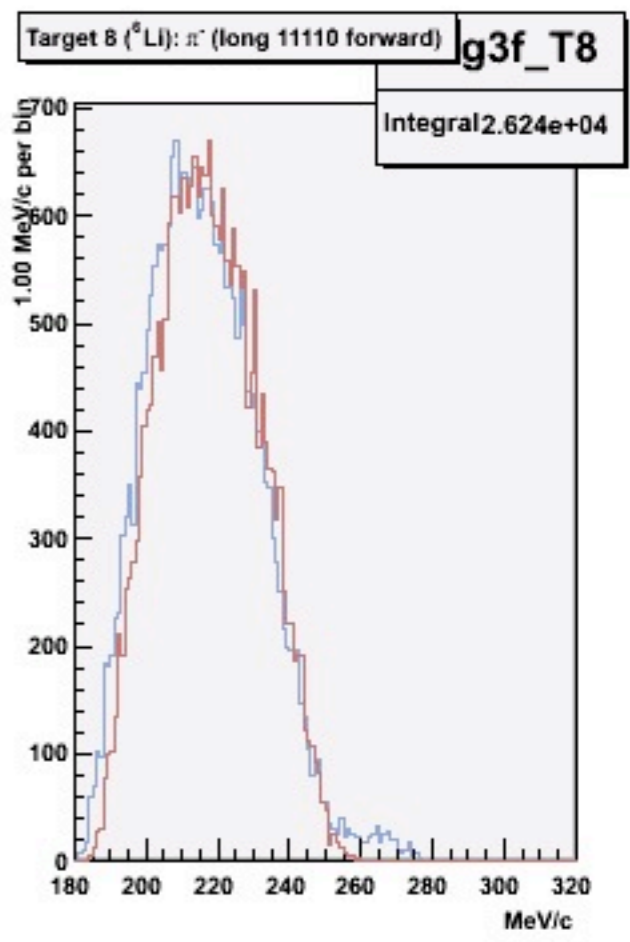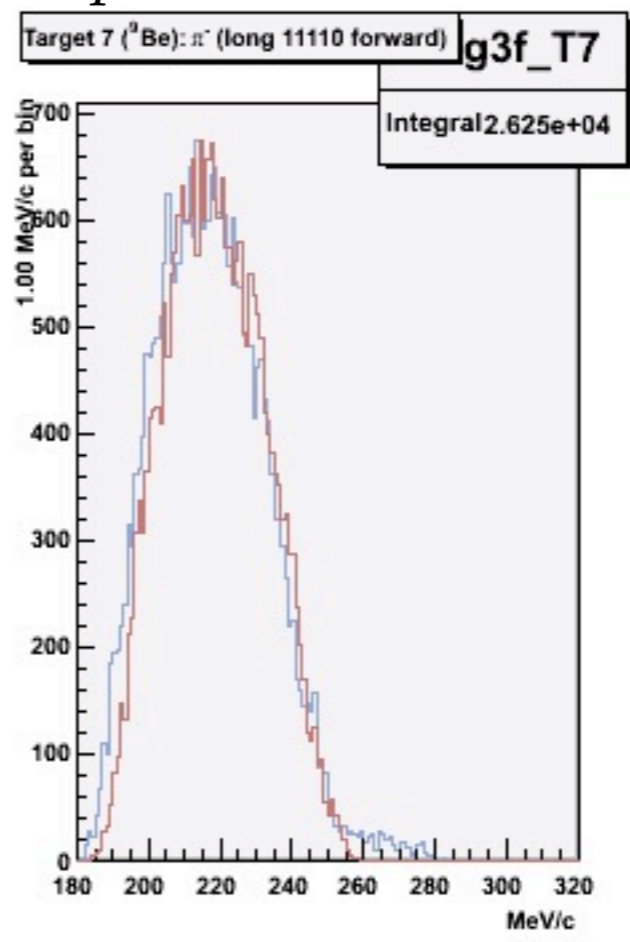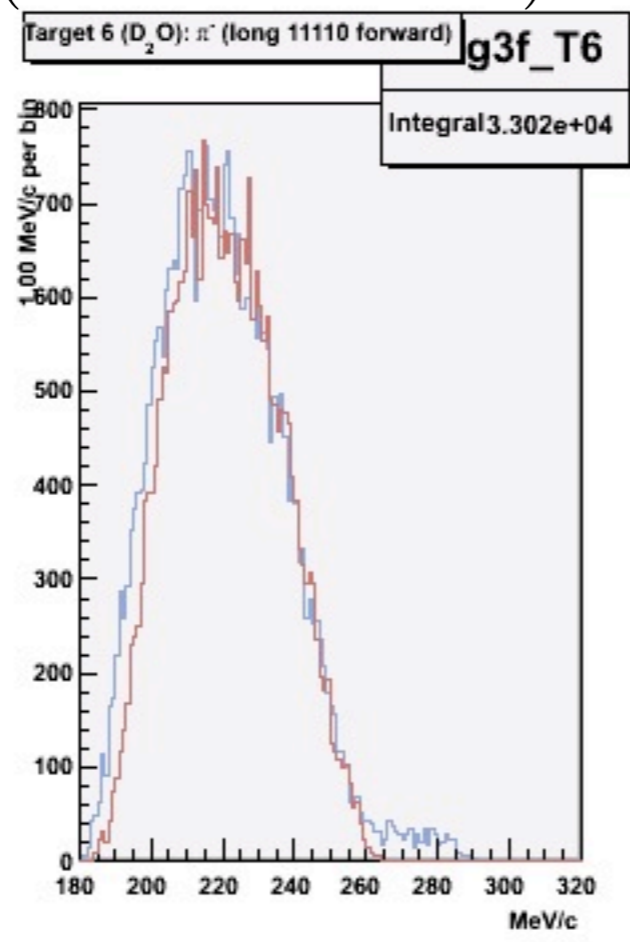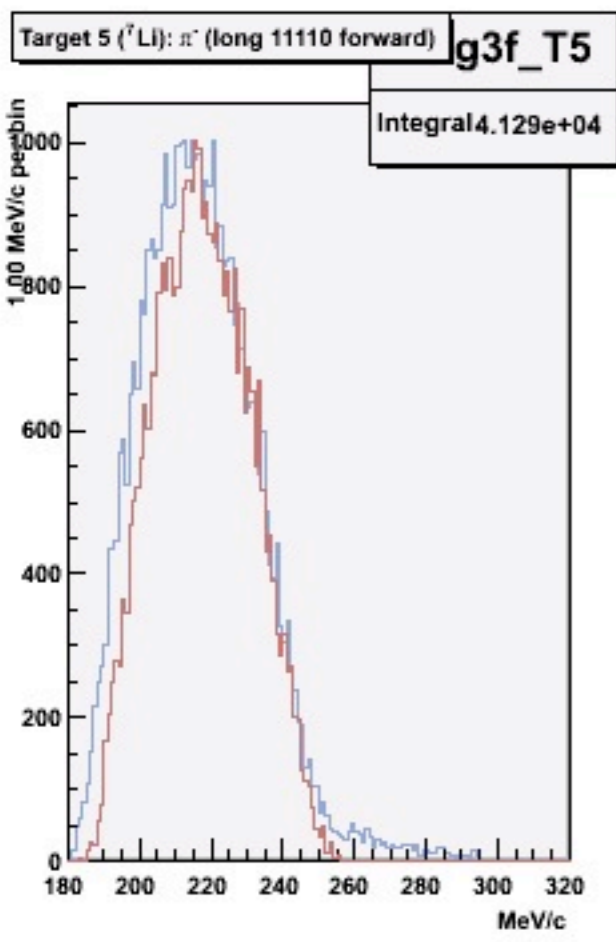
$(K\_BCK\ code\ \mathbf{6})\ K^- + p \rightarrow \Sigma^- + \pi^+$

Chrgmin[itrk]==**-1**&&Dispmin[itrk]<**3**.&&Disvmin[itrk]<**3**.&&Dev2min[itrk]<**10**.}&&Resdmin[itrk]<**1**&&Vdktmin[itrk]<**1**&&Stermin<**200**
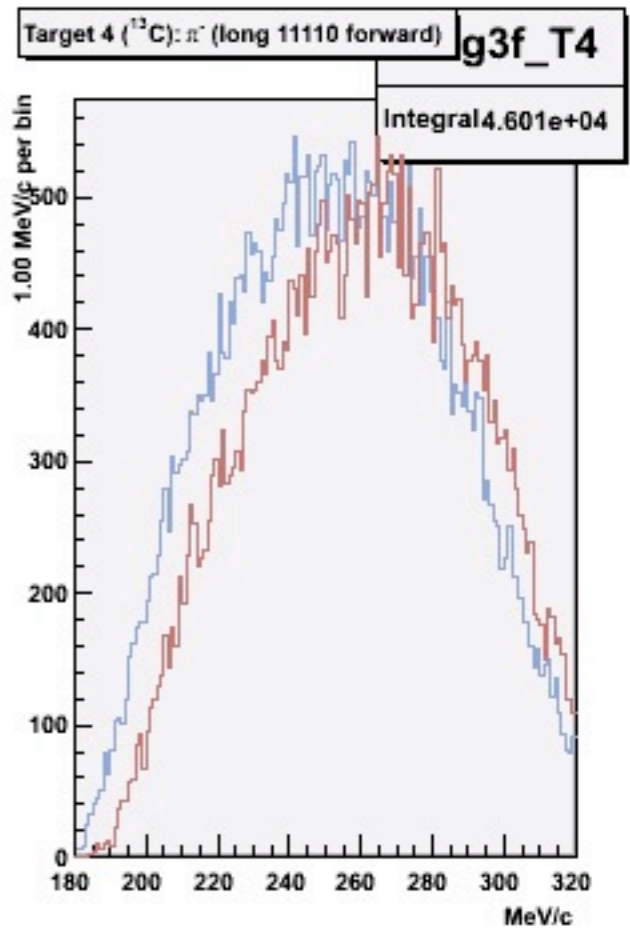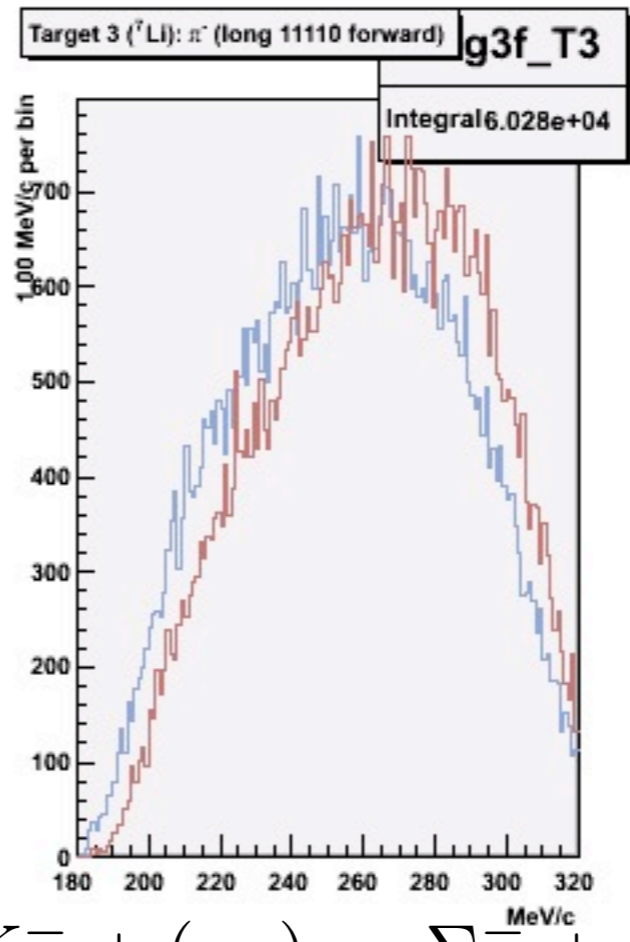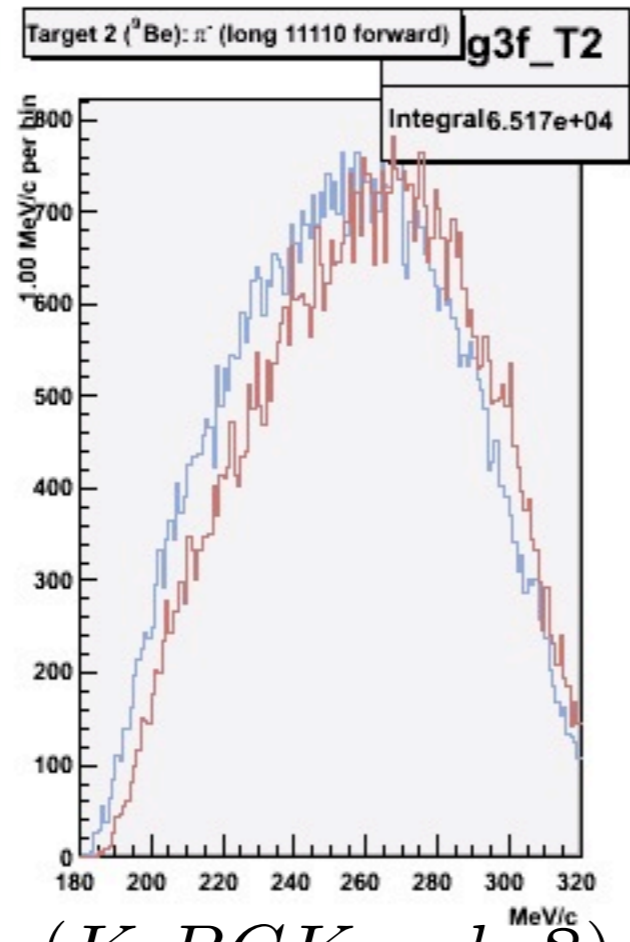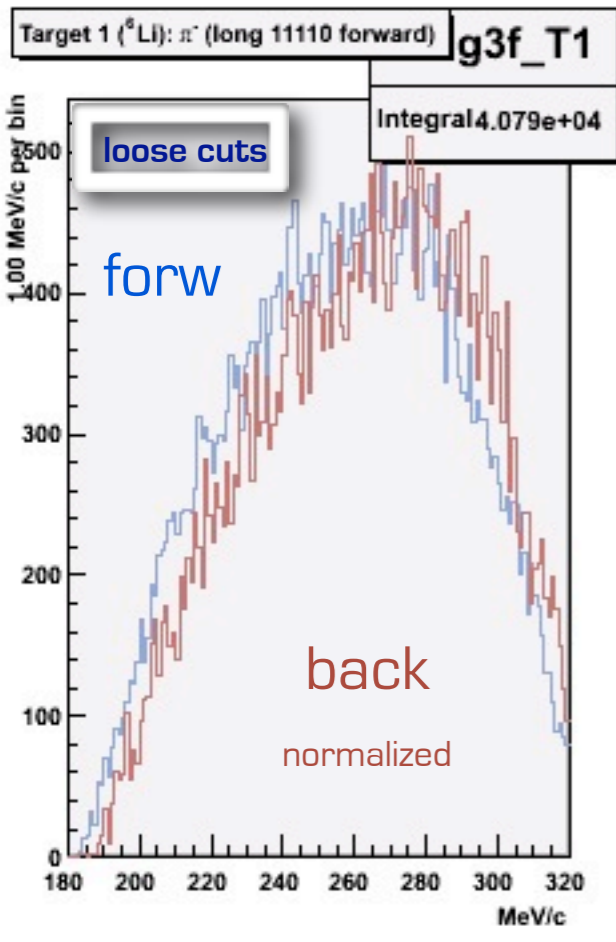
$(K\_BCK\ code\ \mathbf{8})\ K^- + (np) \rightarrow \Sigma^- + p$
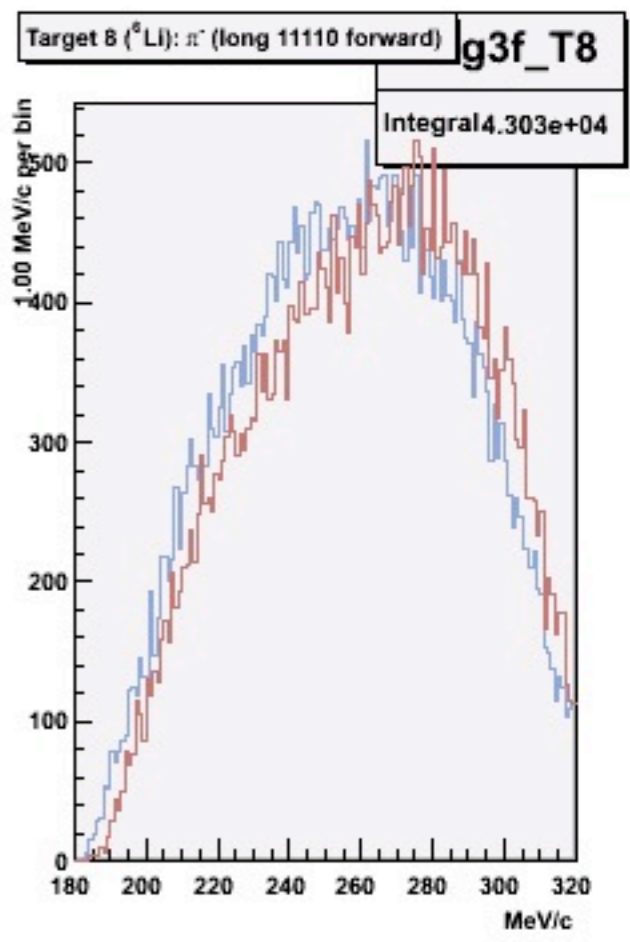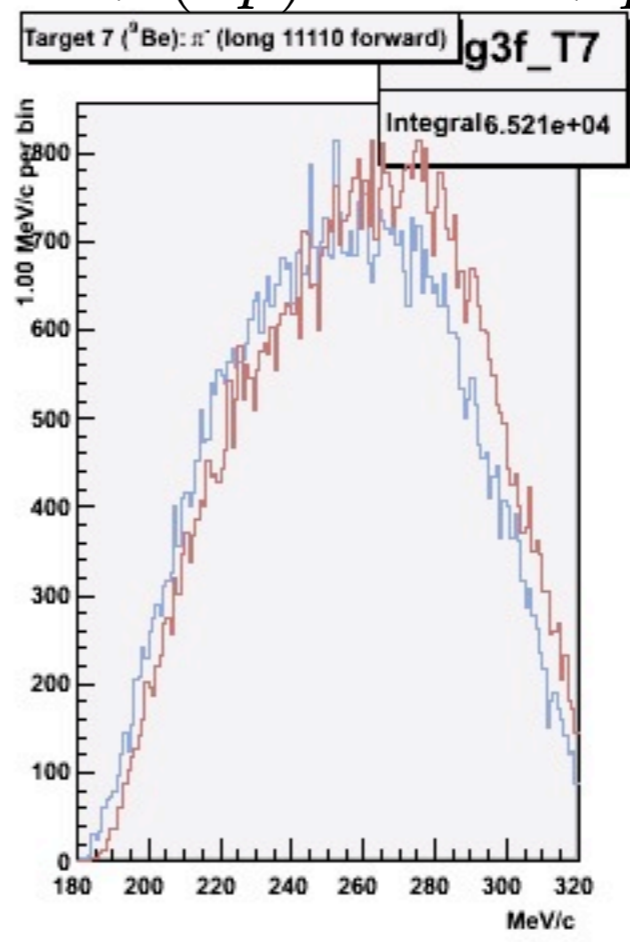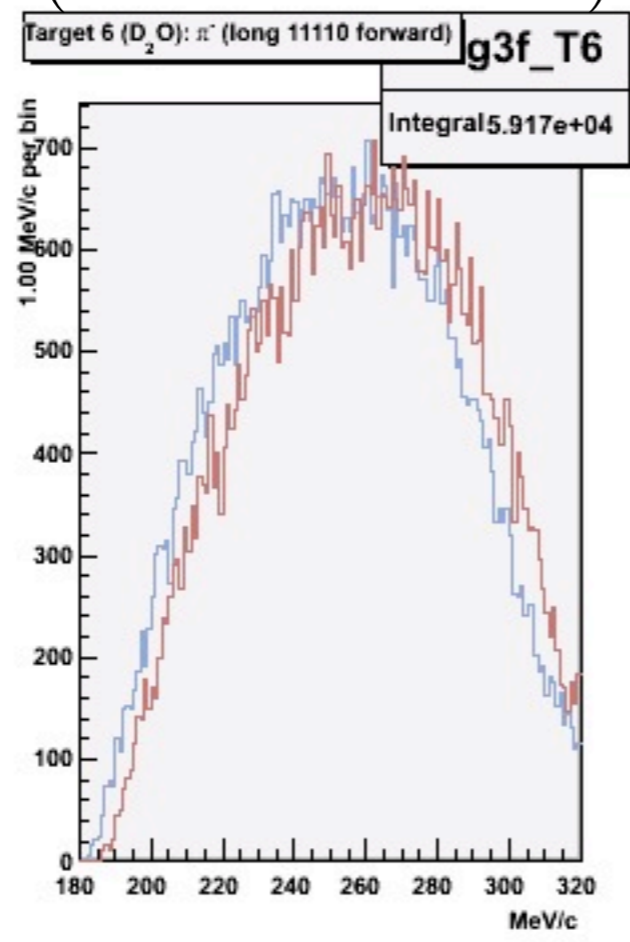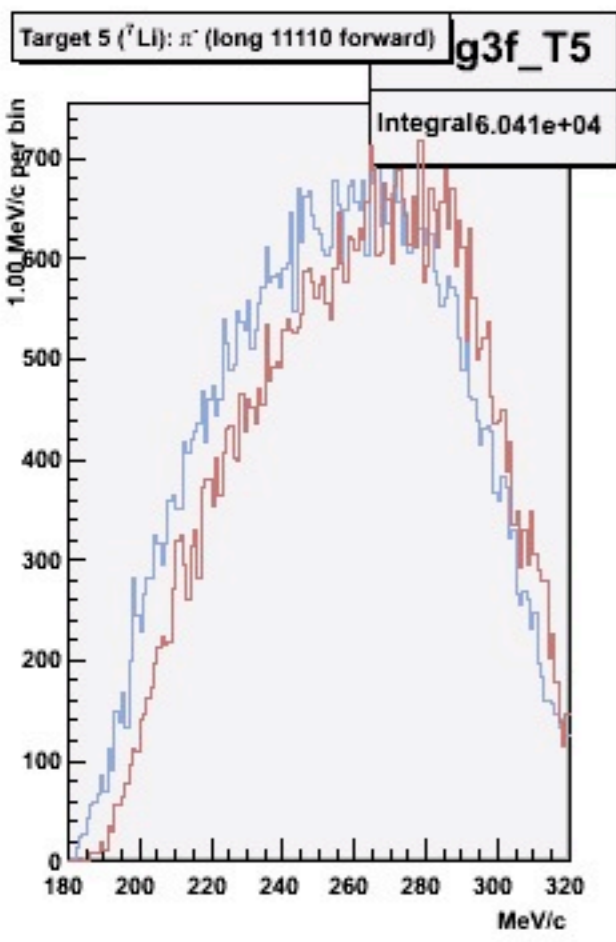
Chrgmin[itrk]==**-1**&&Dispmin[itrk]<**3**.&&Disvmin[itrk]<**3**.&&Dev2min[itrk]<**10**.]&&Resdmin[itrk]<**1**&&Vdktmin[itrk]<**1**&&Stermin<**200**
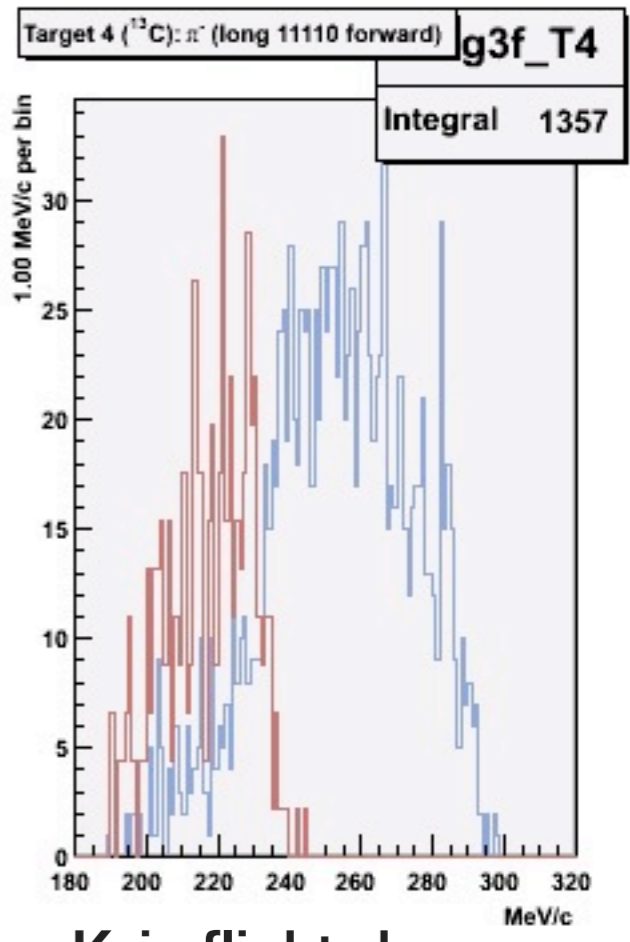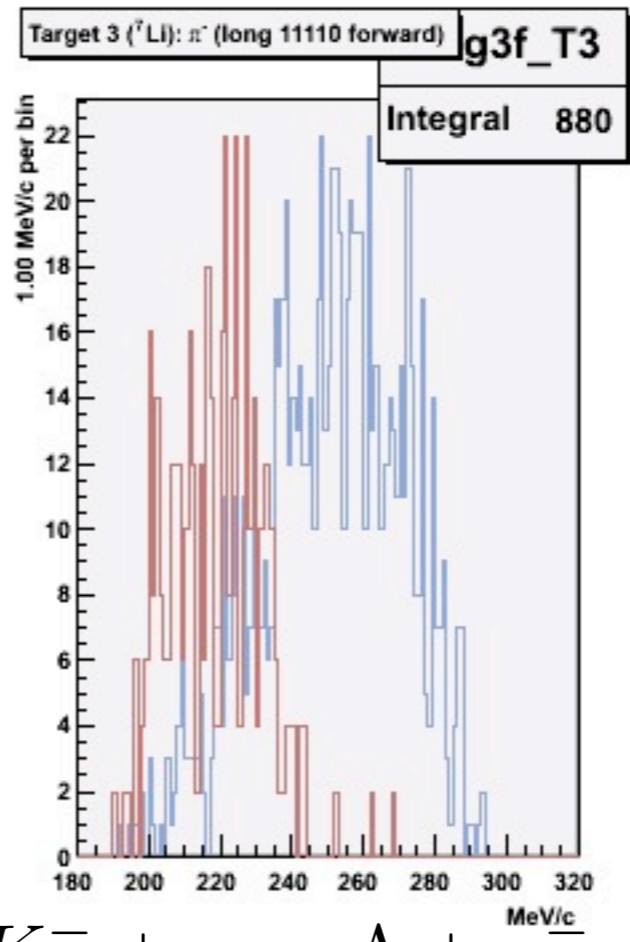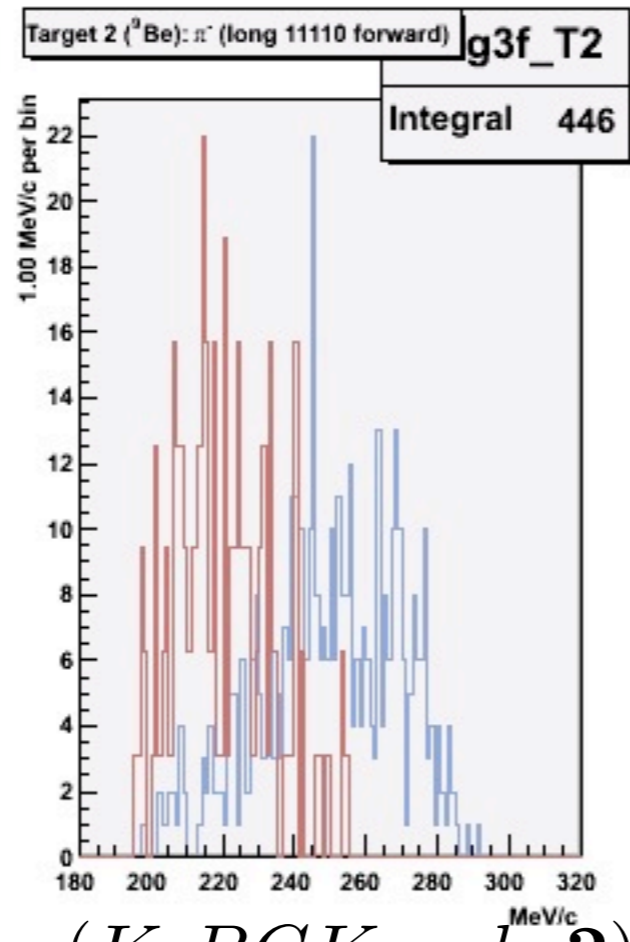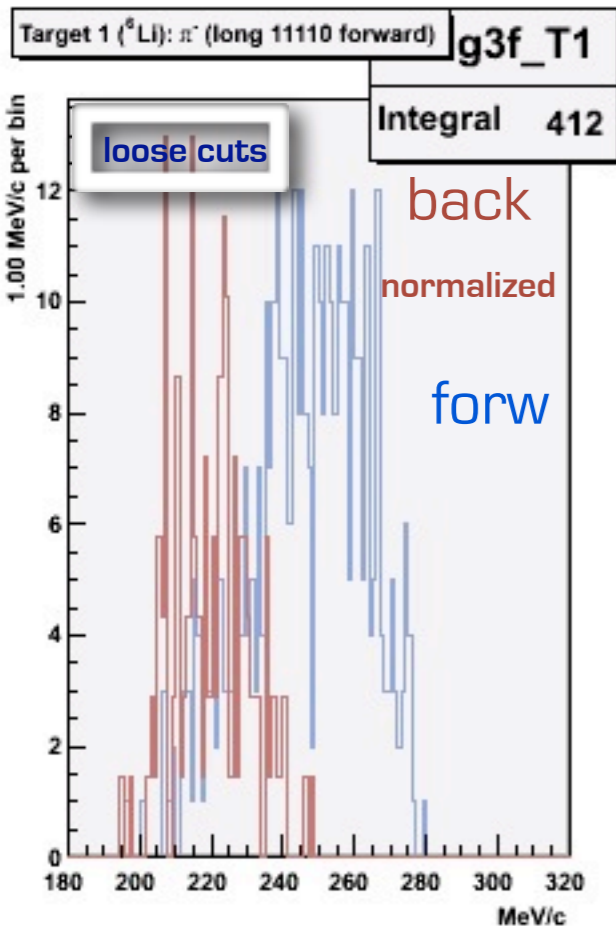
$(K\_BCK\ code\ \mathbf{2})\ K^- + n \rightarrow \Lambda + \pi^-$

K⁻ in-flight decays
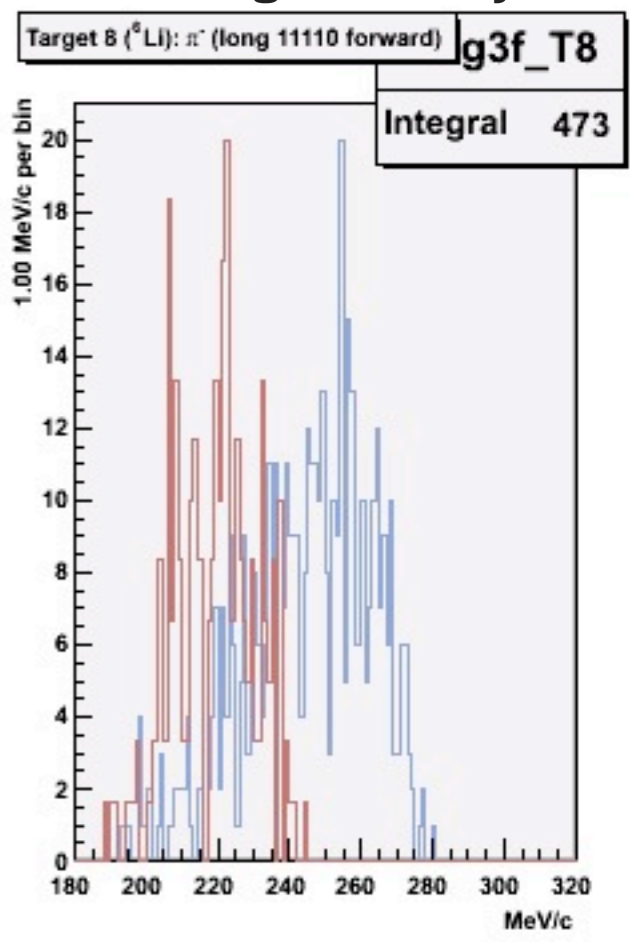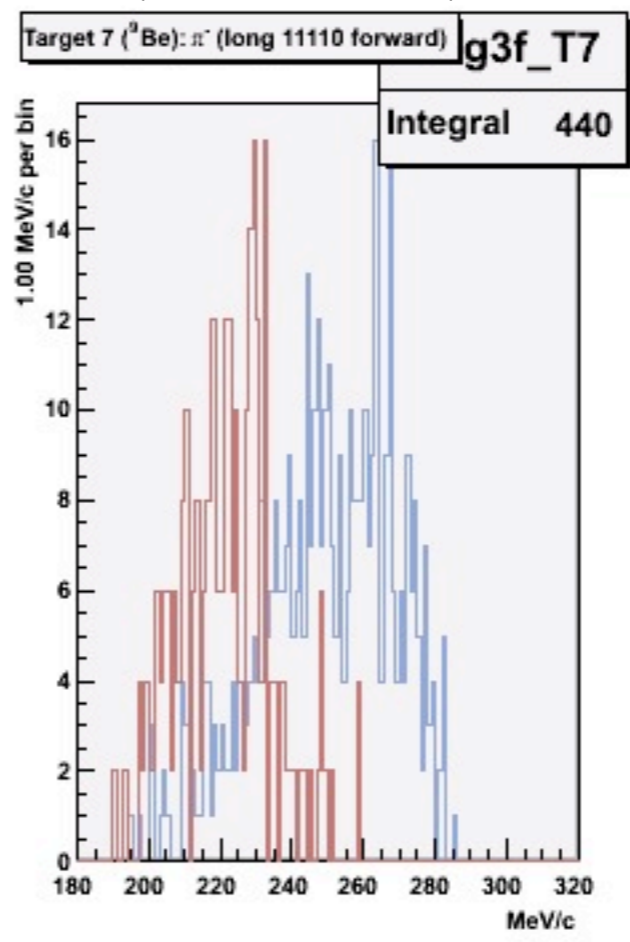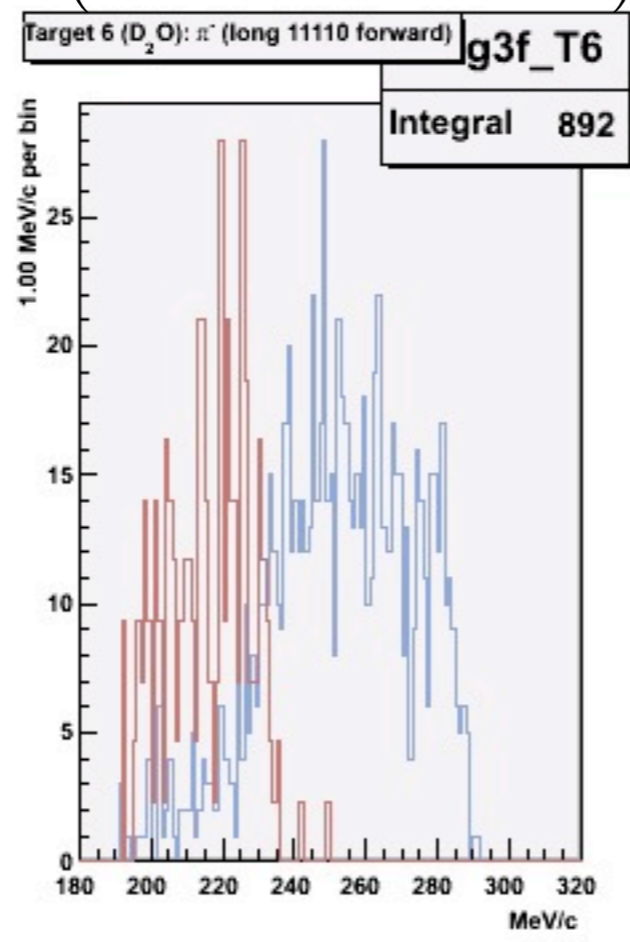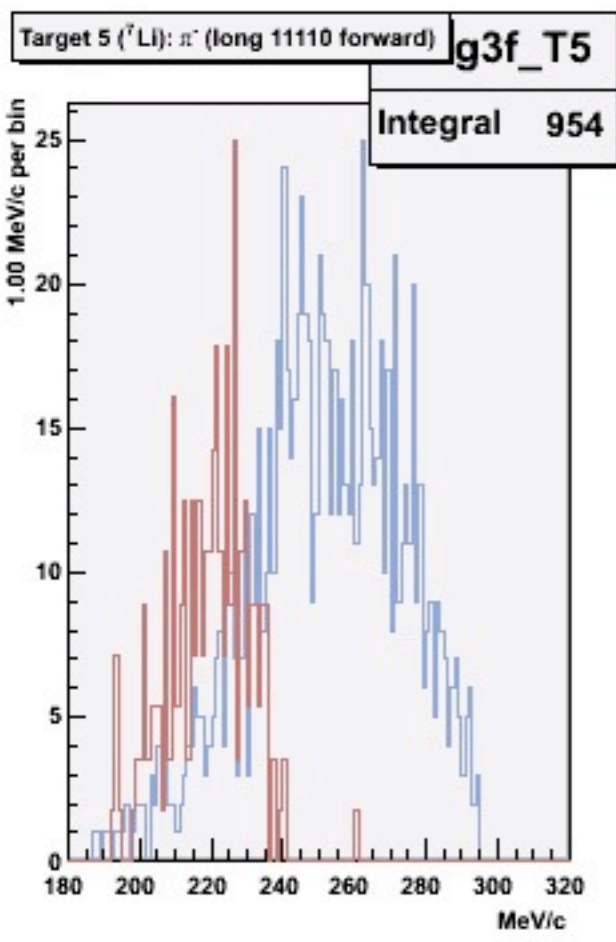
Chrgmin[itrk]==**-1**&&Dispmin[itrk]<**3**.&&Disvmin[itrk]<**3**.&&Dev2min[itrk]<**10**.)&&Resdmin[itrk]<**1**&&Vdktmin[itrk]<**1**&&Stermin<**200**
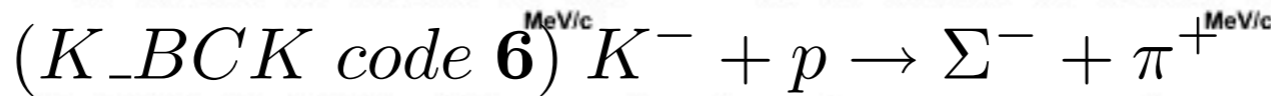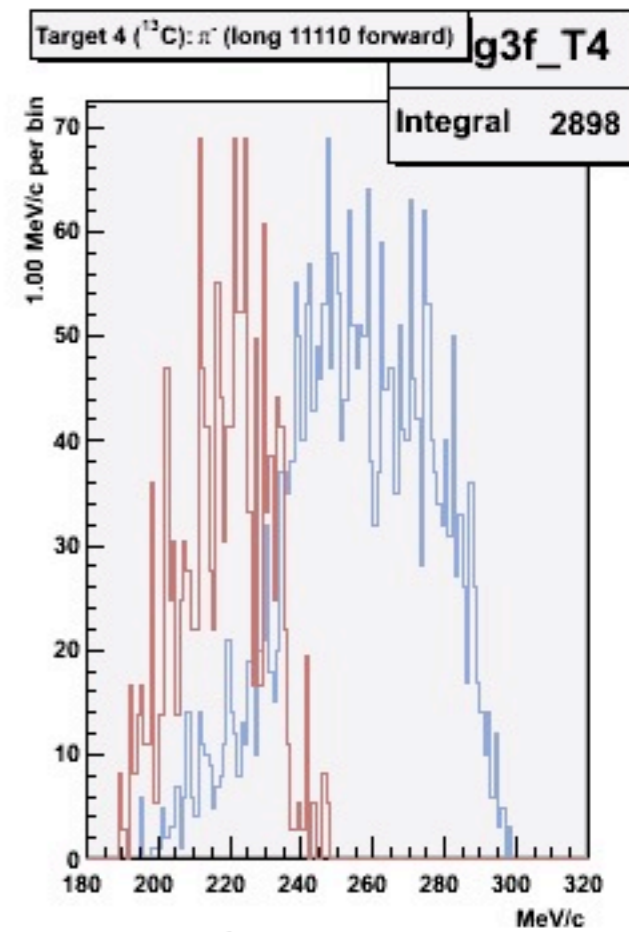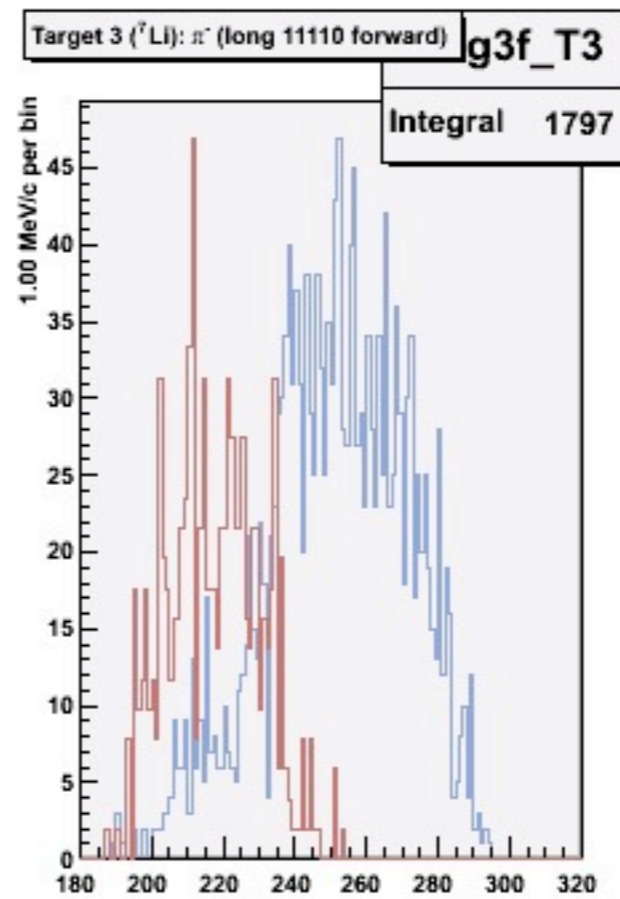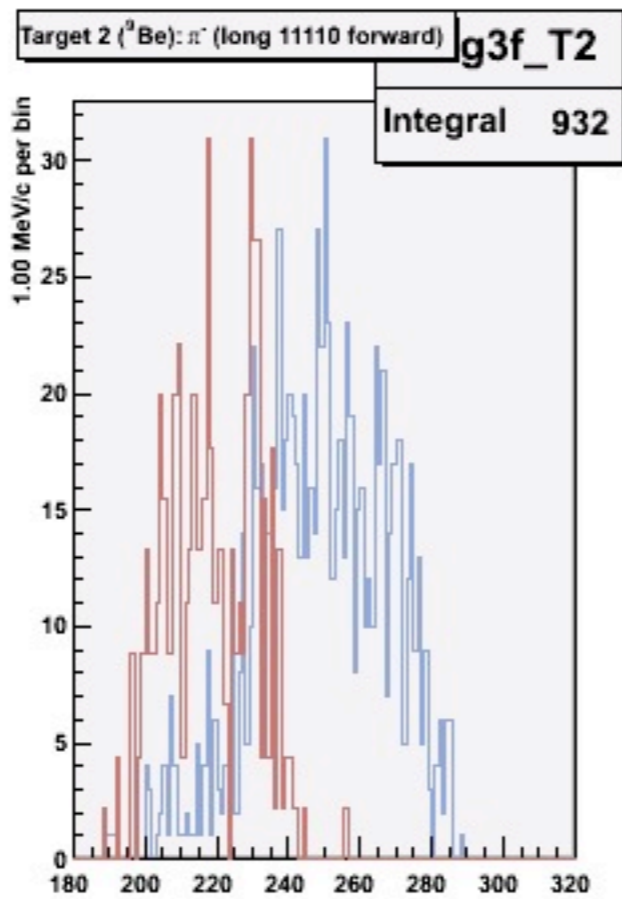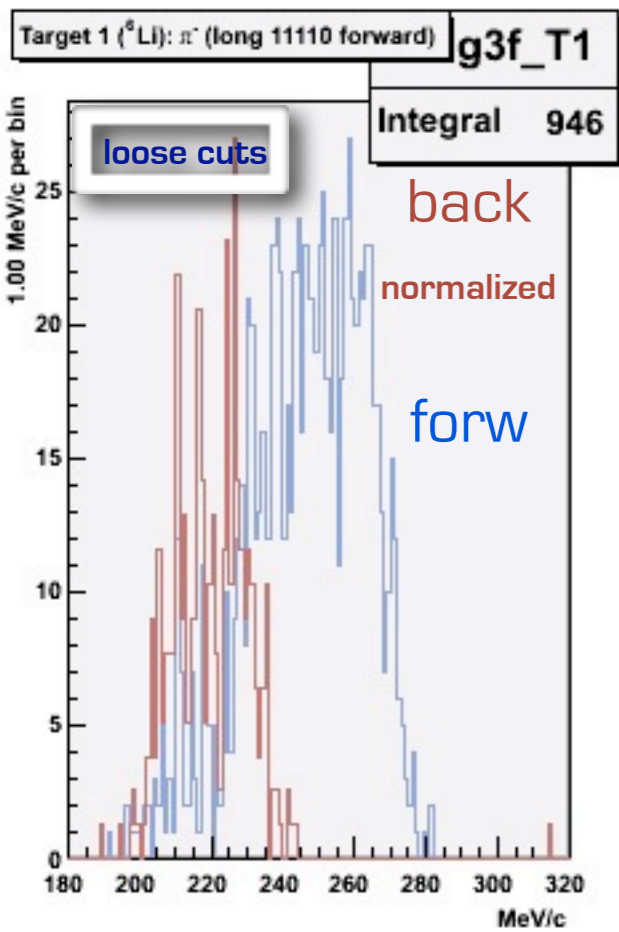
$(K\_BCK\ code\ \mathbf{6})\ K^- + p \to \Sigma^- + \pi^+$
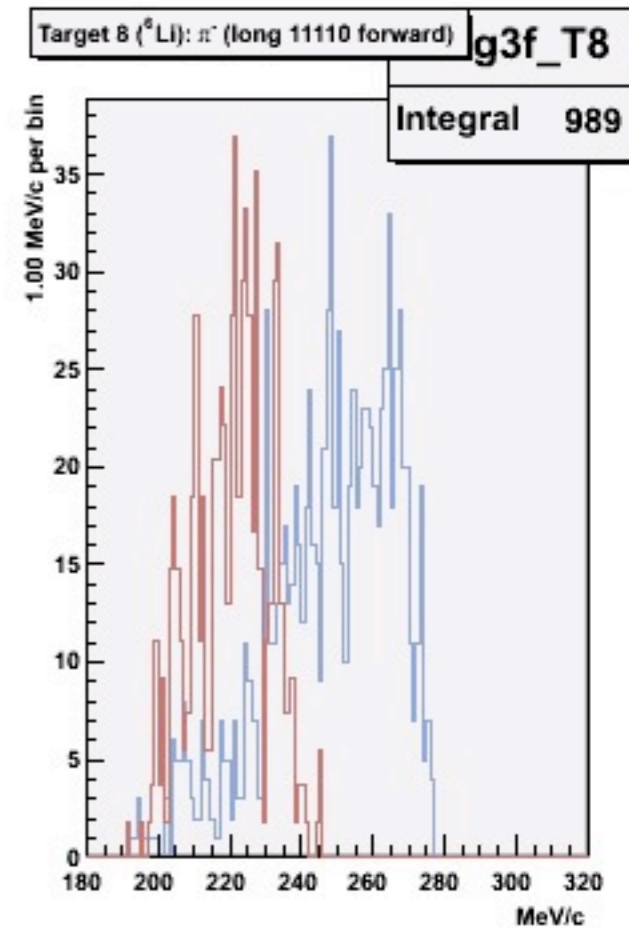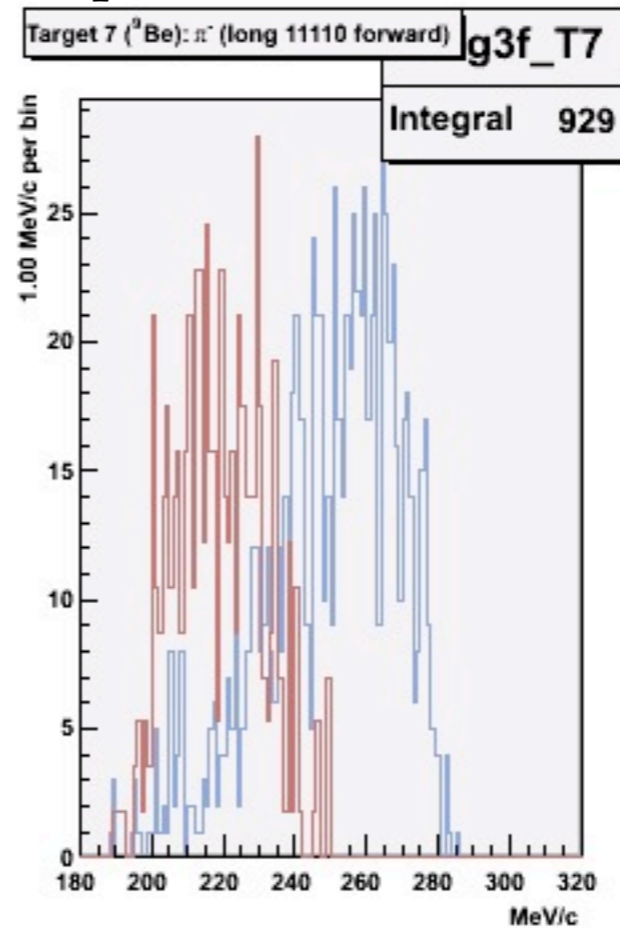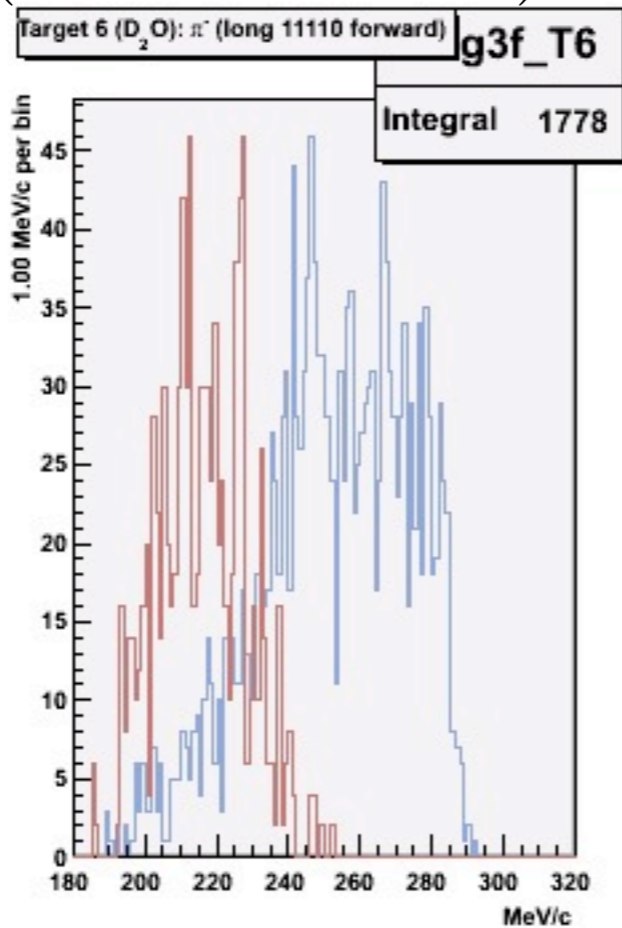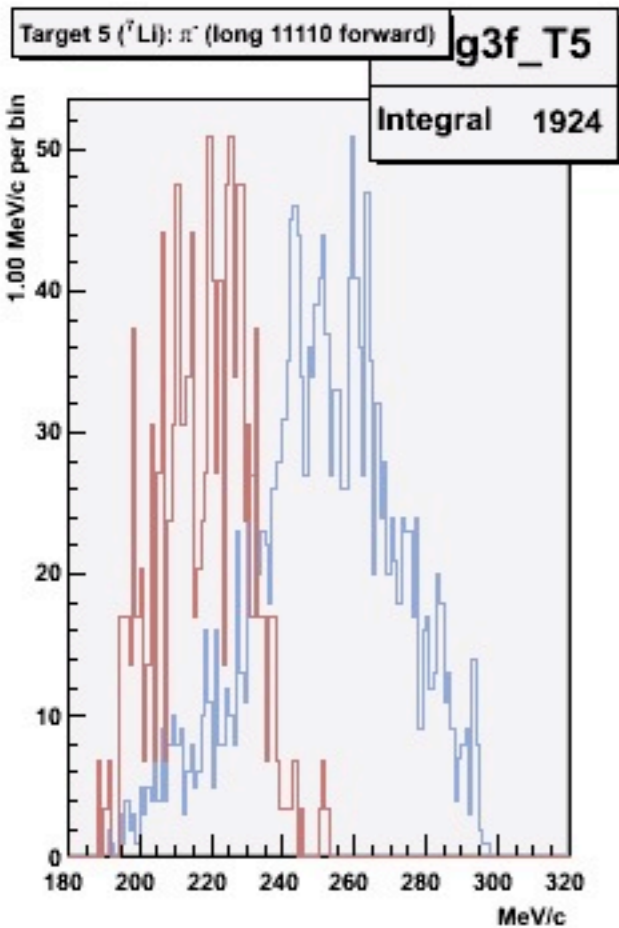
K⁻ in-flight decays

Chrgmin[itrk]==**-1**&&Dispmin[itrk]<**3**.&&Disvmin[itrk]<**3**.&&Dev2min[itrk]<**10**.}&&Resdmin[itrk]<**1**&&Vdktmin[itrk]<**1**&&Stermin<**200**
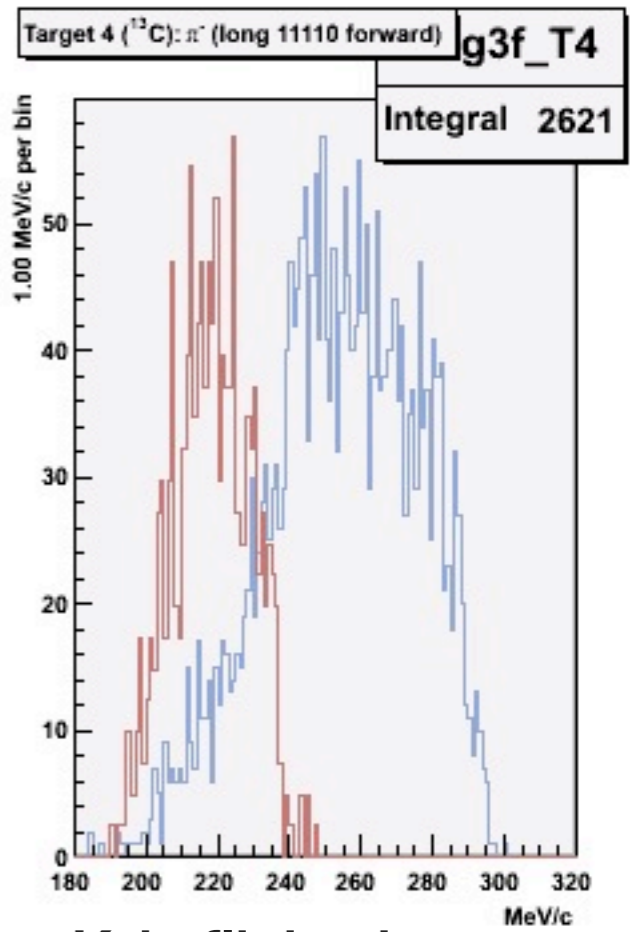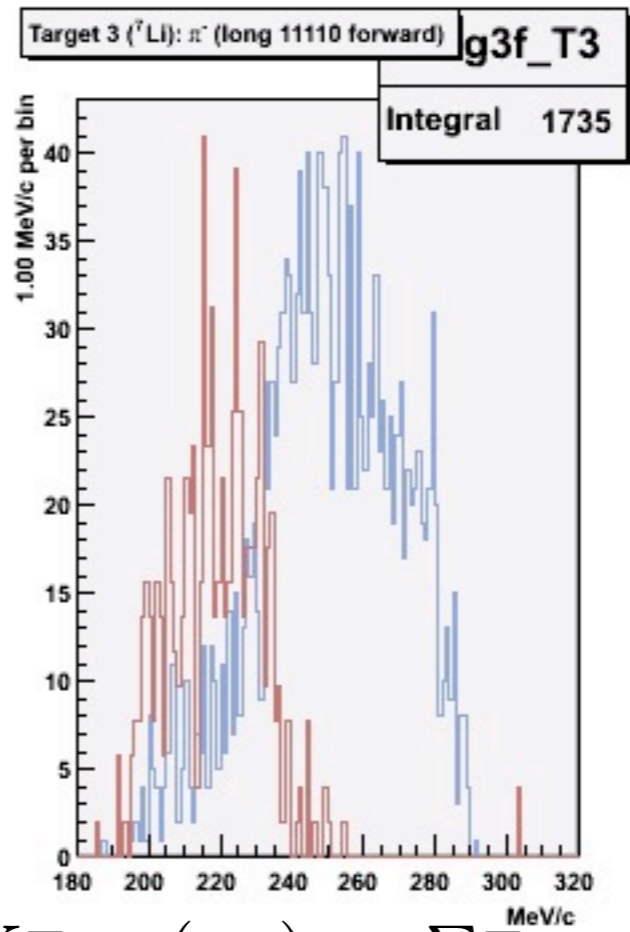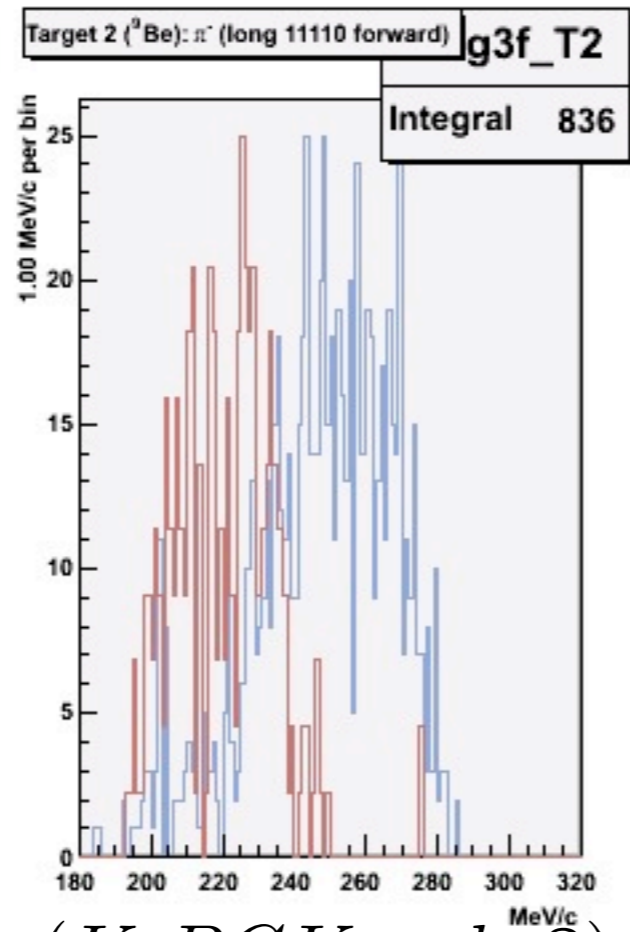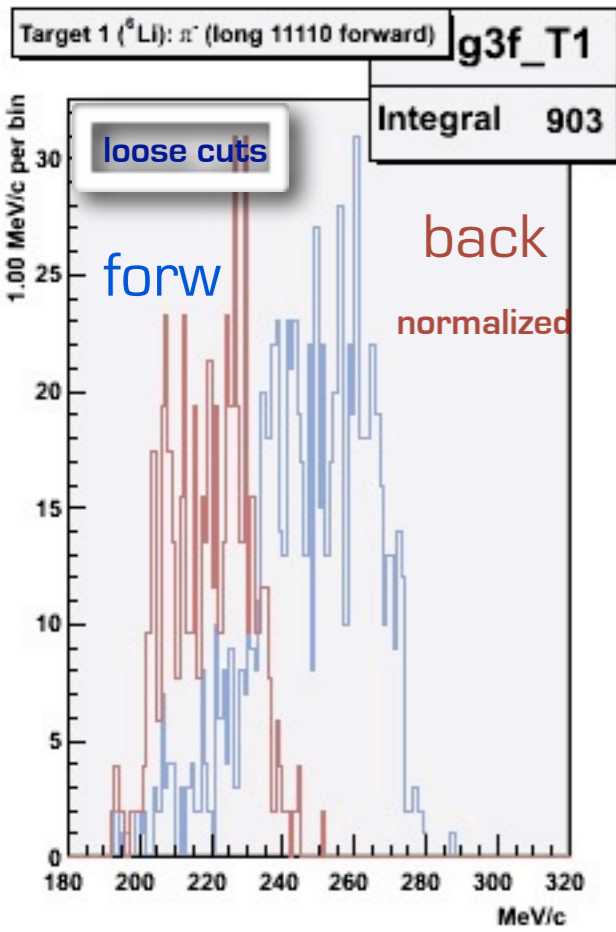
$(K\_BCK\ code\ \mathbf{8})\ K^- + (np) \rightarrow \Sigma^- + p$ **K⁻ in-flight decays**
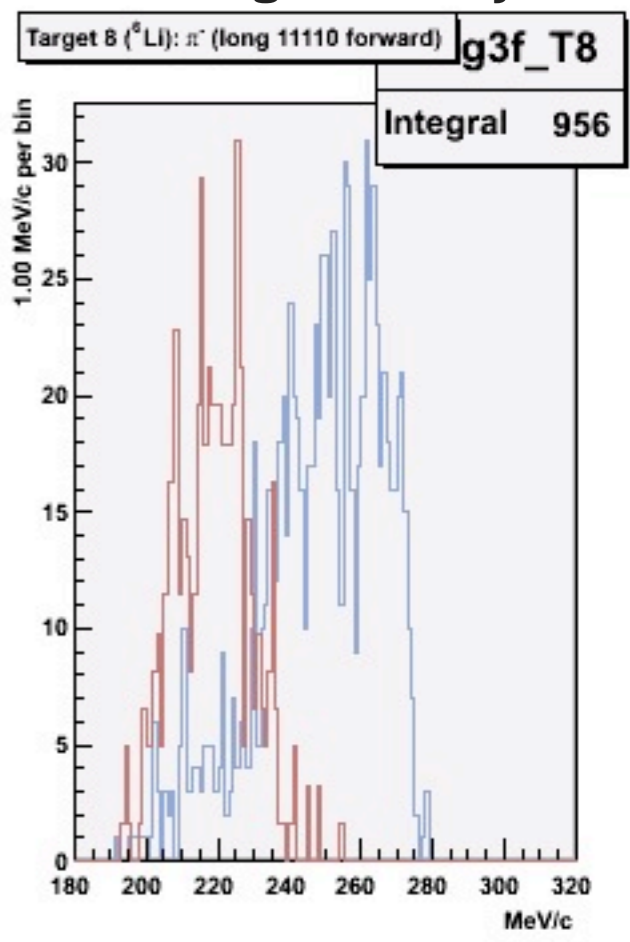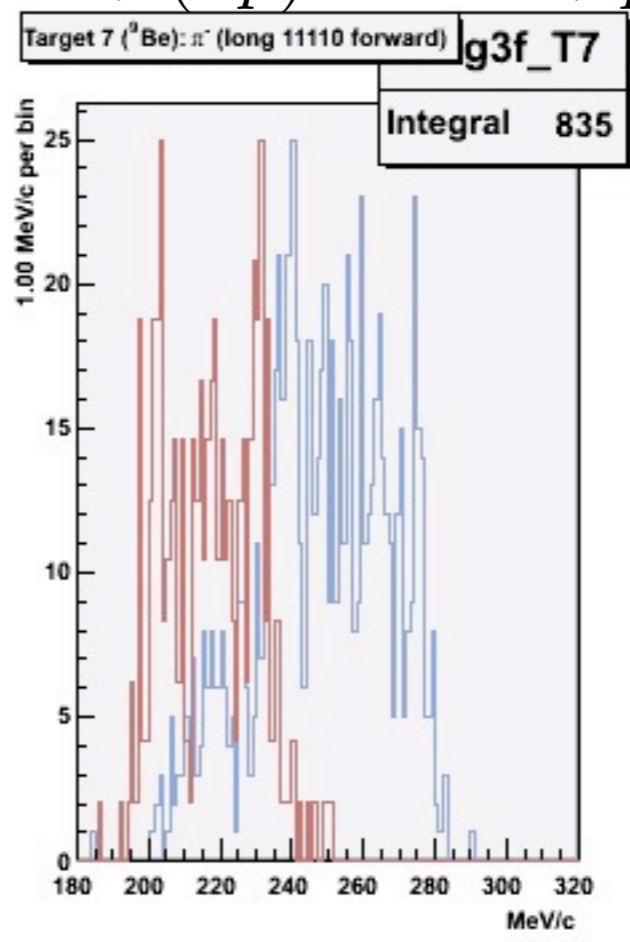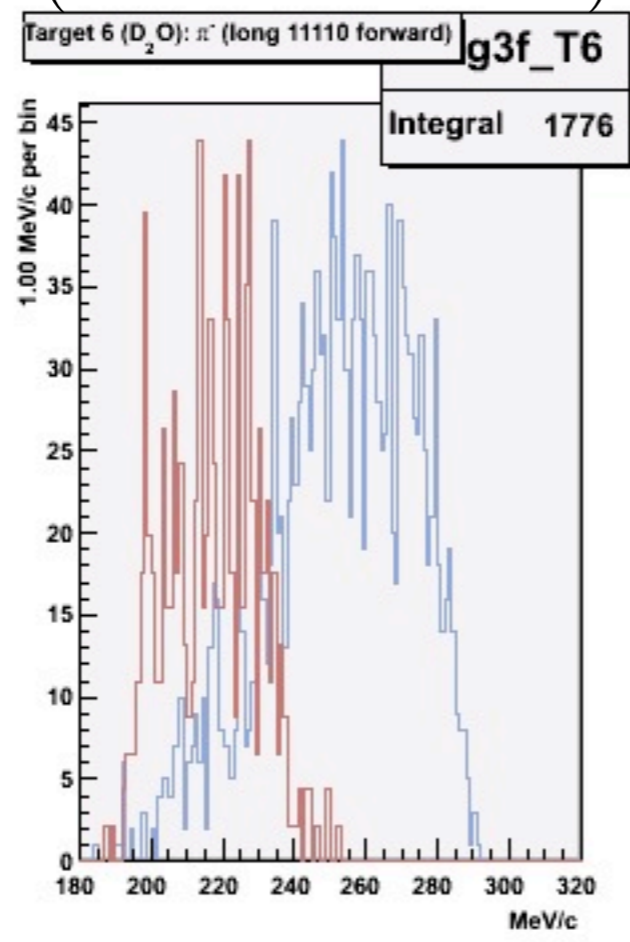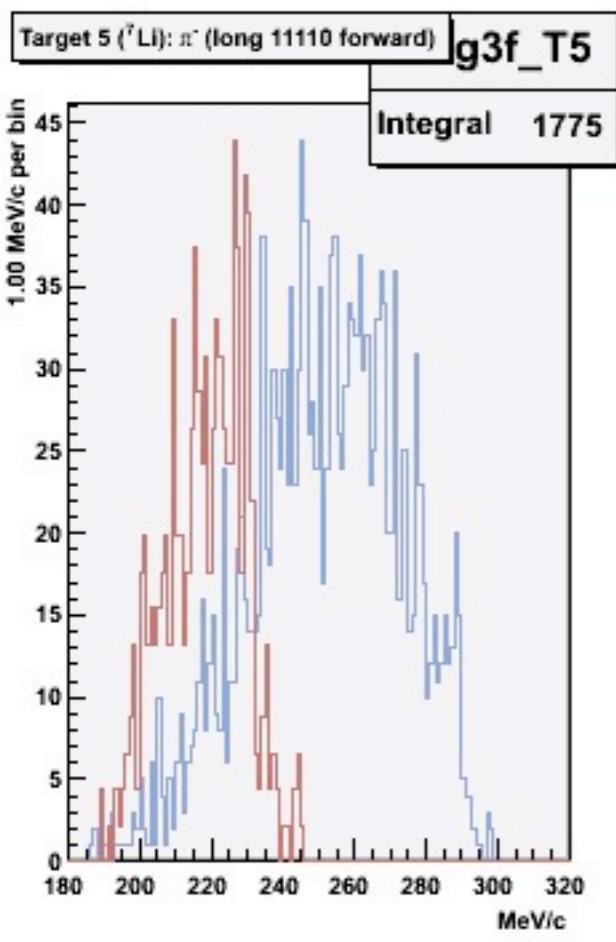
Chrgmin[itrk]==-**1**&&Dispmin[itrk]<**3**.&&Disvmin[itrk]<**3**.&&Dev2min[itrk]<**10**.)&&Resdmin[itrk]<**1**&&Vdktmin[itrk]<**1**&&Stermin<**200**

anomalies

MC

nei dati non è così

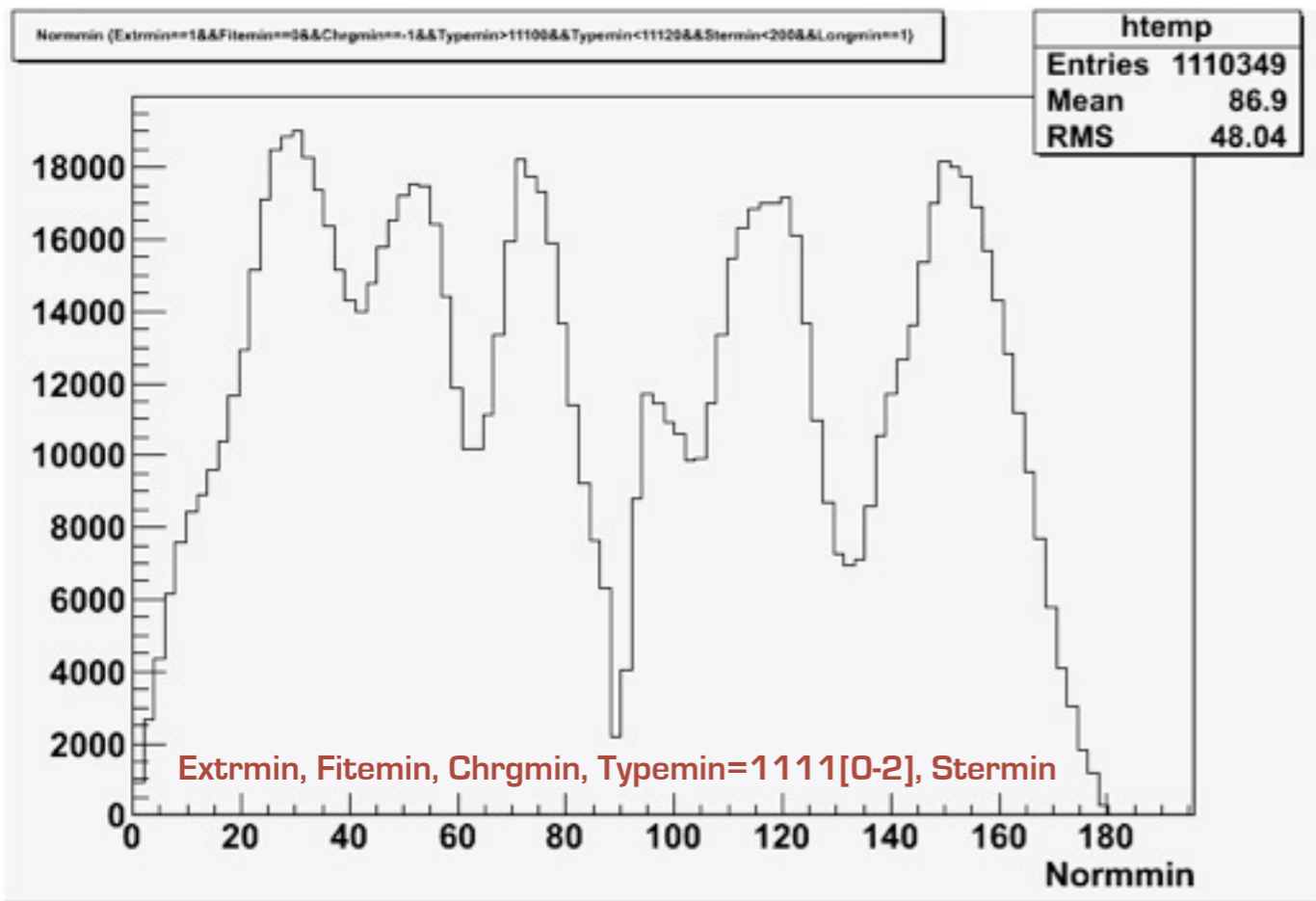Target 5 · Target 6

$(K\_BCK\ code\ \mathbf{2})\ K^- + n \to \Lambda + \pi^-$

$(K\_BCK\ code\ \mathbf{6})\ K^- + p \to \Sigma^- + \pi^+$

$(K\_BCK\ code\ \mathbf{8})\ K^- + (np) \to \Sigma^- + p$