

Conditions

4 files with 10k events were generated using hdgeant:

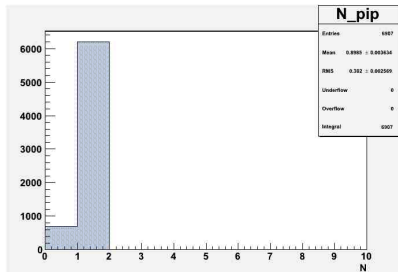
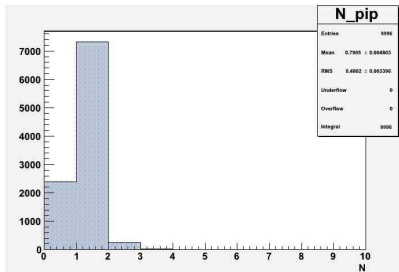
1. No target shift, secondary particles were ON;
2. No target shift, secondary particles were OFF;
3. -1 m target shift, secondary particles were ON;
4. -1 m target shift, secondary particles were OFF;

Number of reconstructed π^+

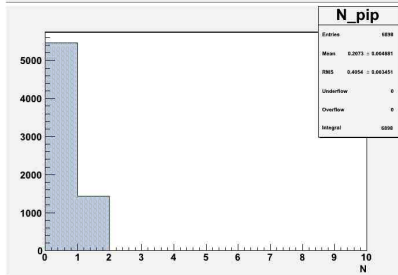
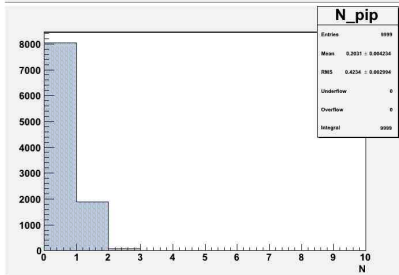
Secondaries ON

Secondaries OFF

0 m:



-1 m:

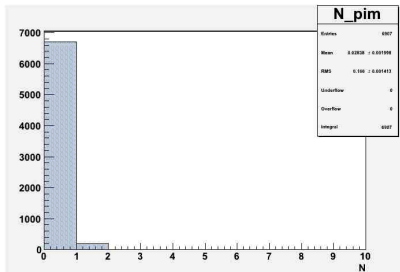
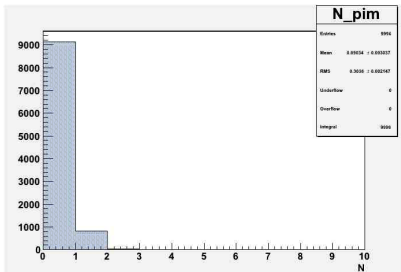


Number of mistakenly reconstructed π^-

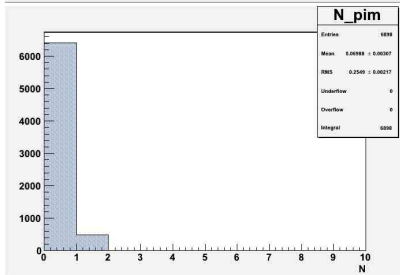
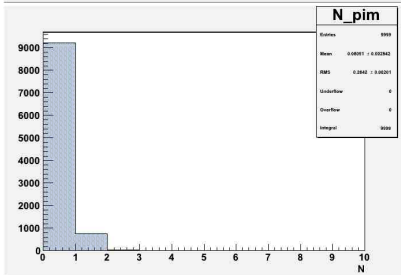
Secondaries ON

Secondaries OFF

0 m:



-1 m:

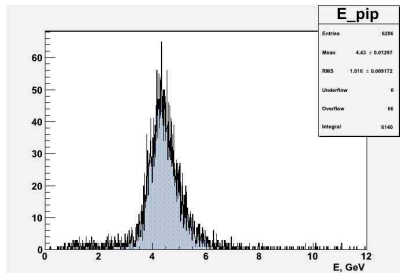
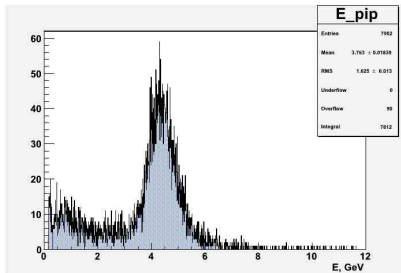


Reconstructed energy of π^+

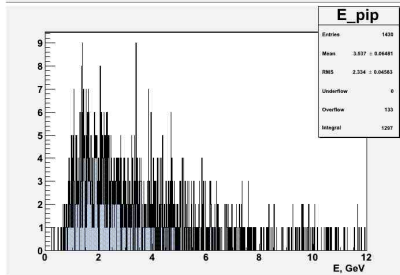
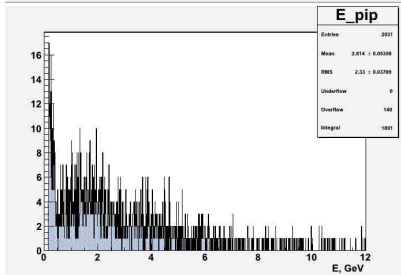
Secondaries ON

Secondaries OFF

0 m:



-1 m:

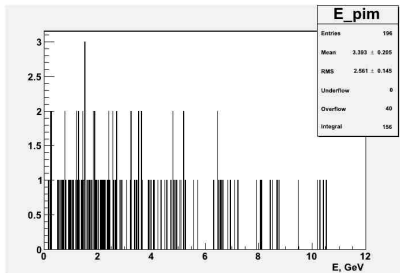
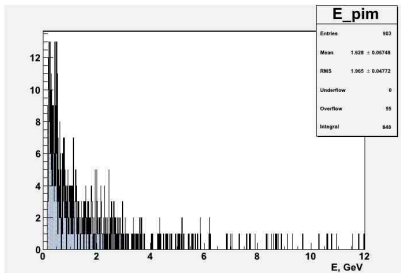


Reconstructed energy of the "fake" π^-

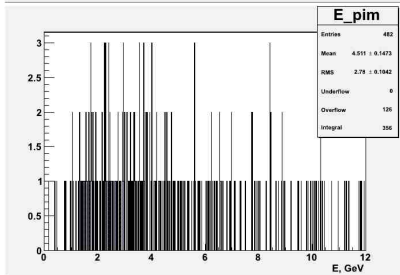
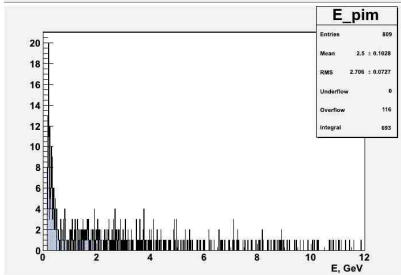
Secondaries ON

Secondaries OFF

0 m:



-1 m:

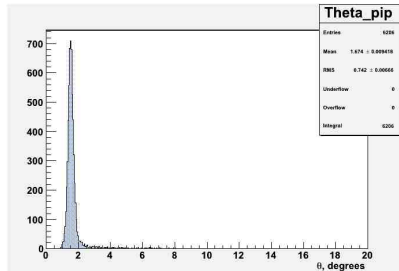
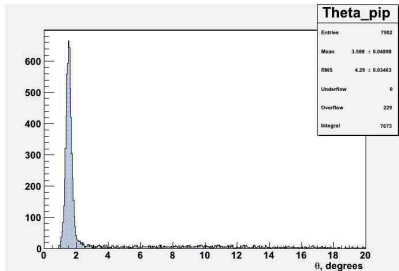


Reconstructed θ of π^+

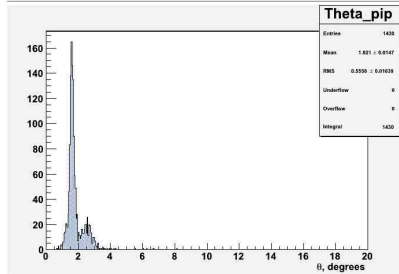
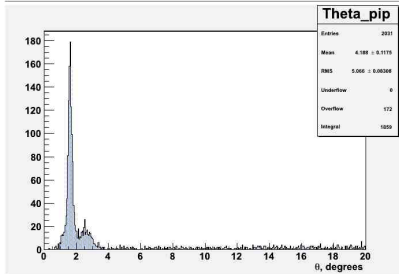
Secondaries ON

Secondaries OFF

0 m:



-1 m:

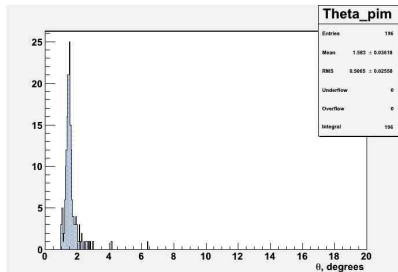
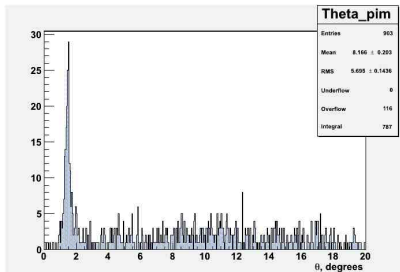


Reconstructed θ of the "fake" π^-

Secondaries ON

Secondaries OFF

0 m:



-1 m:

