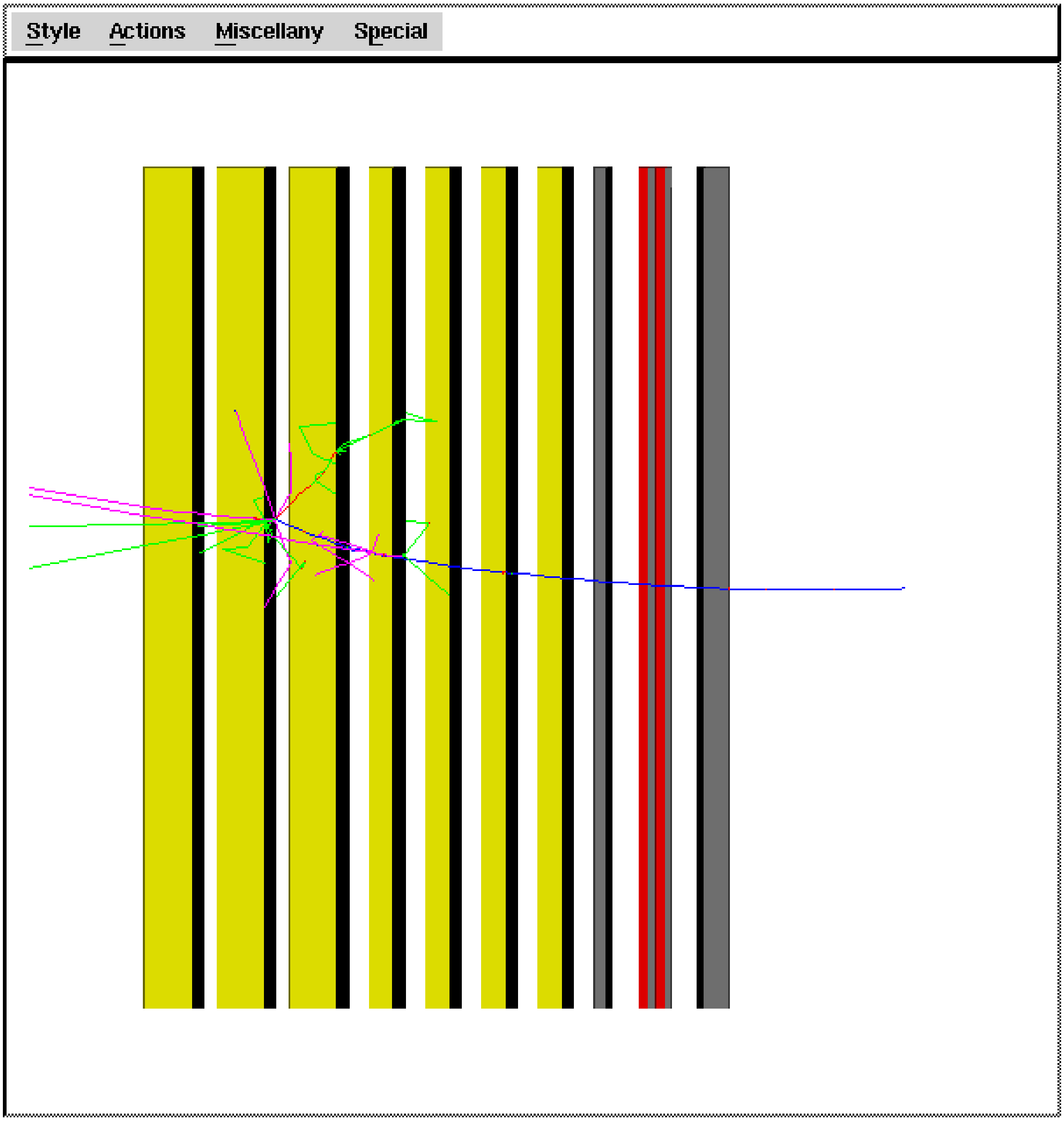


Figure 1: Initial proton momentum $P_p = 1.74 GeV/c$.
Parrticle trajectories:
blue - proton, $\pi+$, $\pi-$;
red - e+, e-;
green - gamma ;
magenta - neutron.

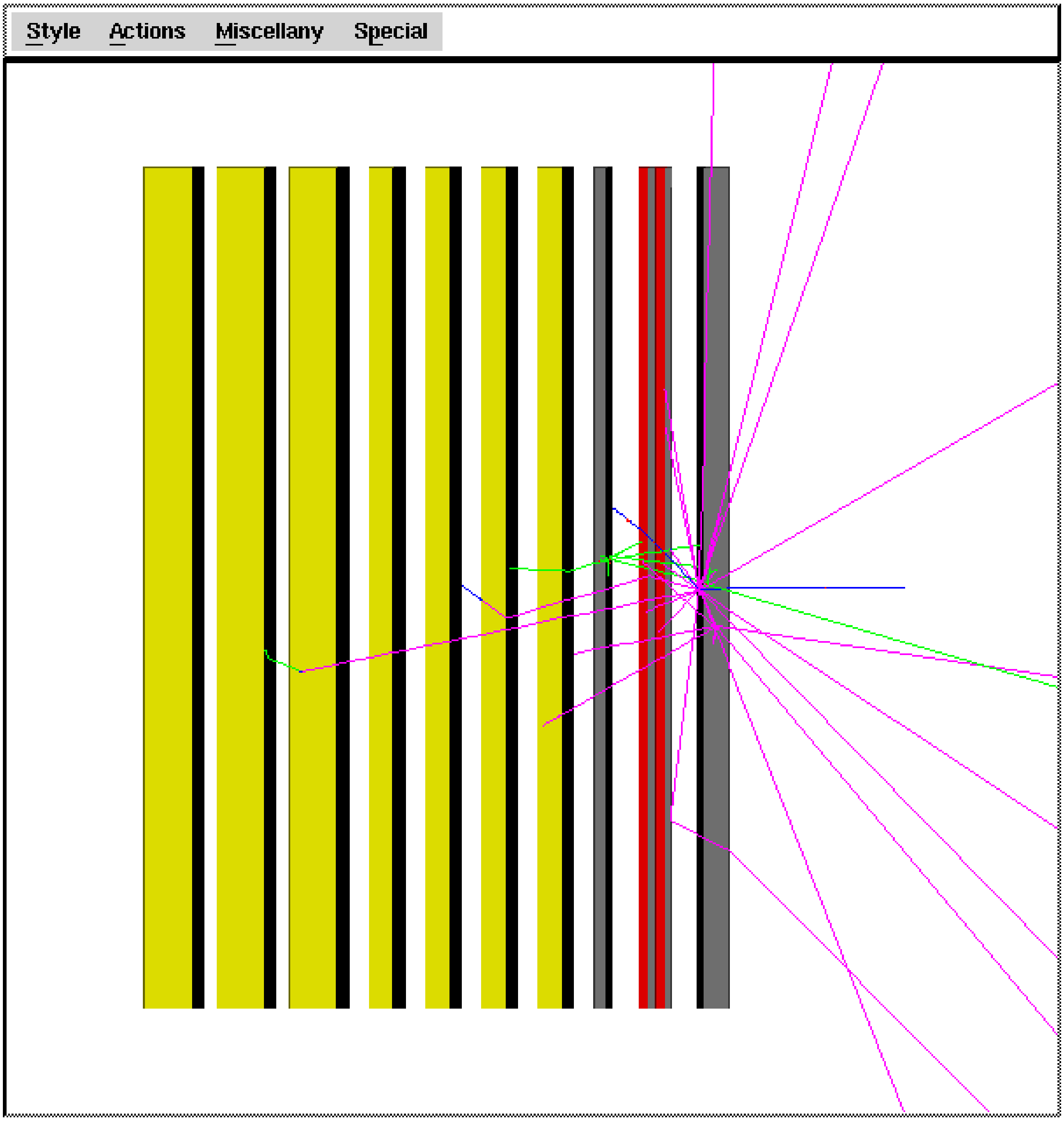


Figure 2: Initial proton momentum $P_p = 1.74 GeV/c$.
Parrticle trajectories:
blue - proton, $\pi+$, $\pi-$;
red - e+, e-;
green - gamma ;
magenta - neutron.

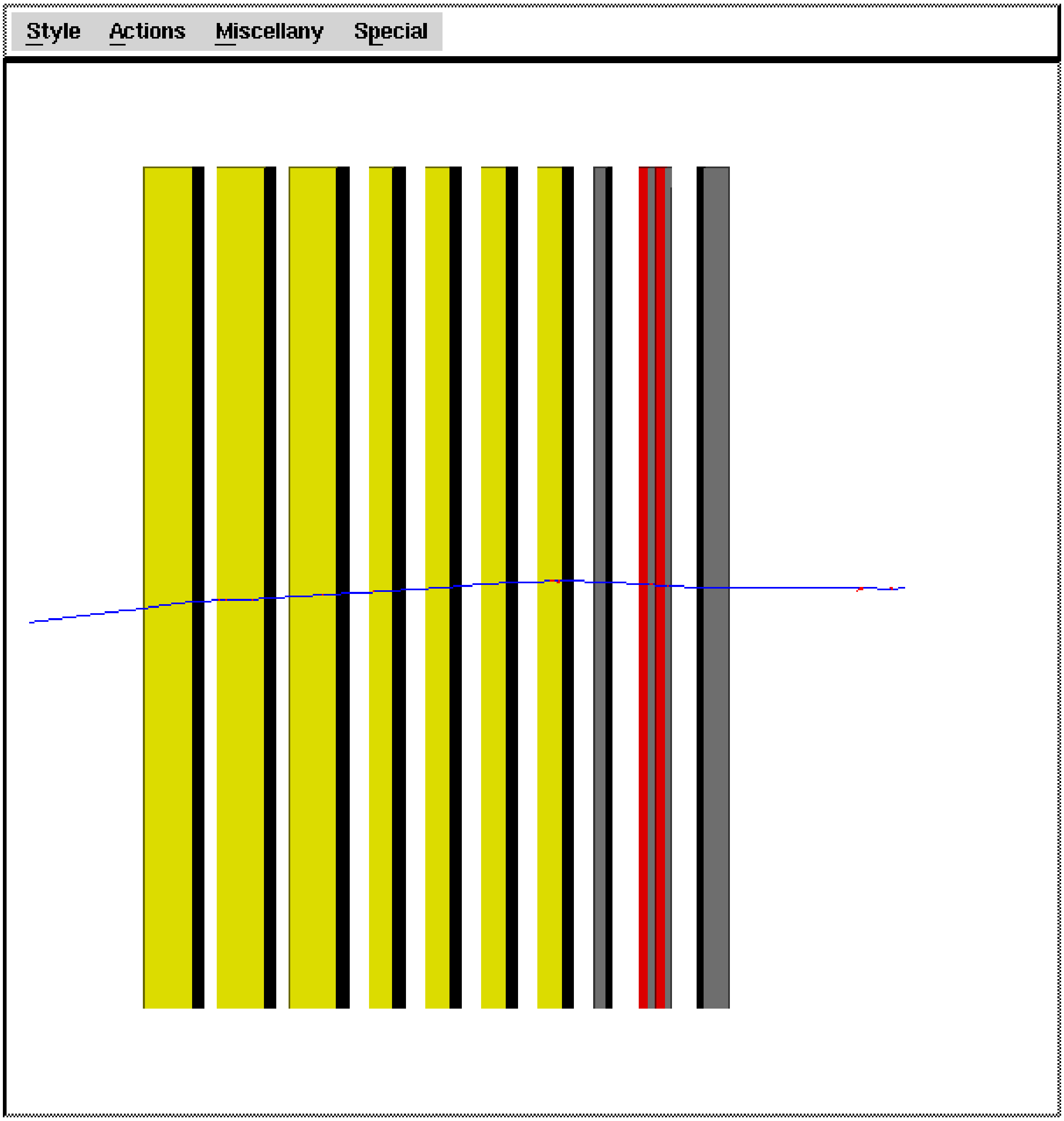


Figure 3: Initial proton momentum $P_p = 1.74 GeV/c$.
Parrticle trajectories:
blue - proton, $\pi+$, $\pi-$;
red - e+, e-;
green - gamma ;
magenta - neutron.

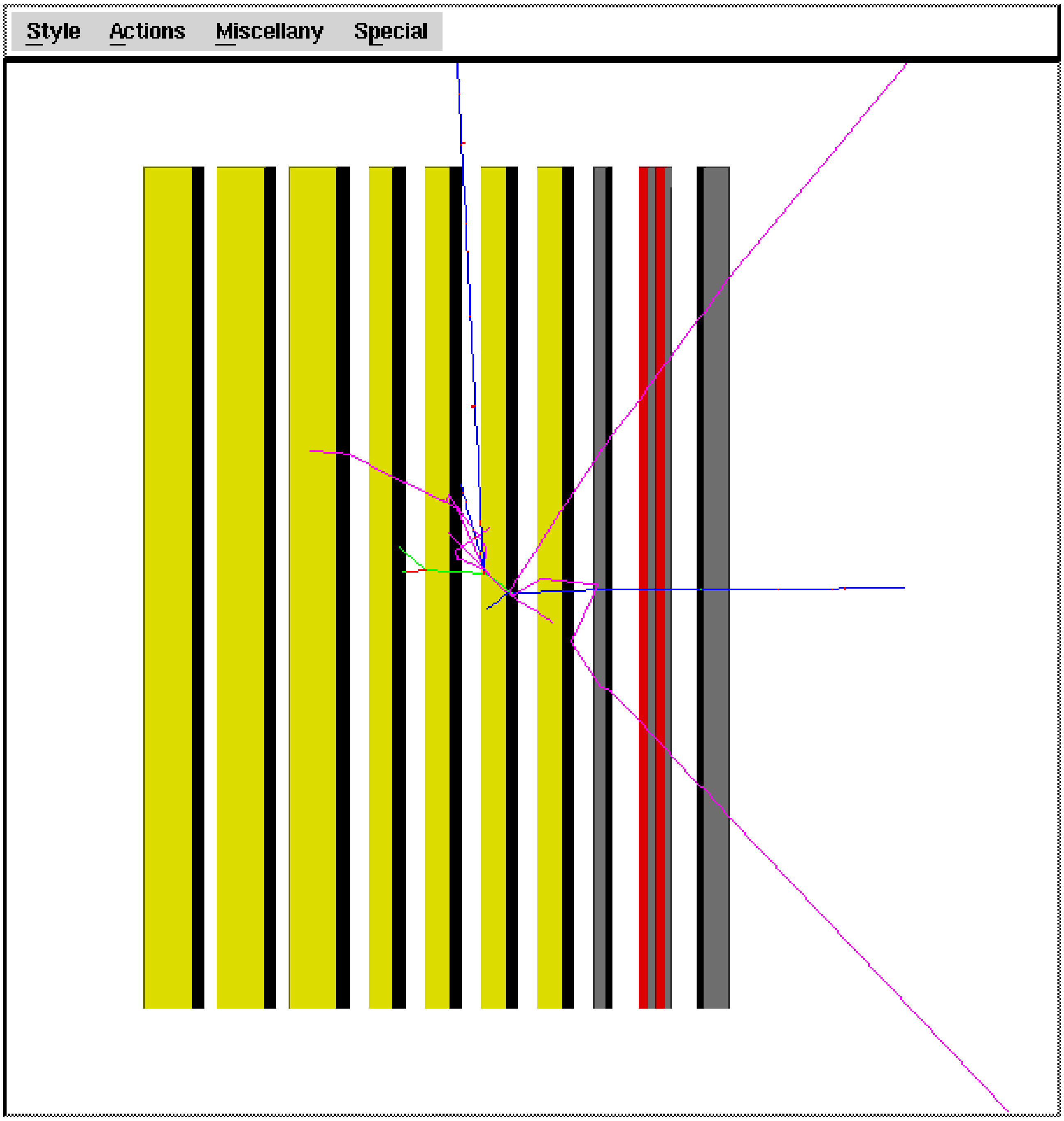
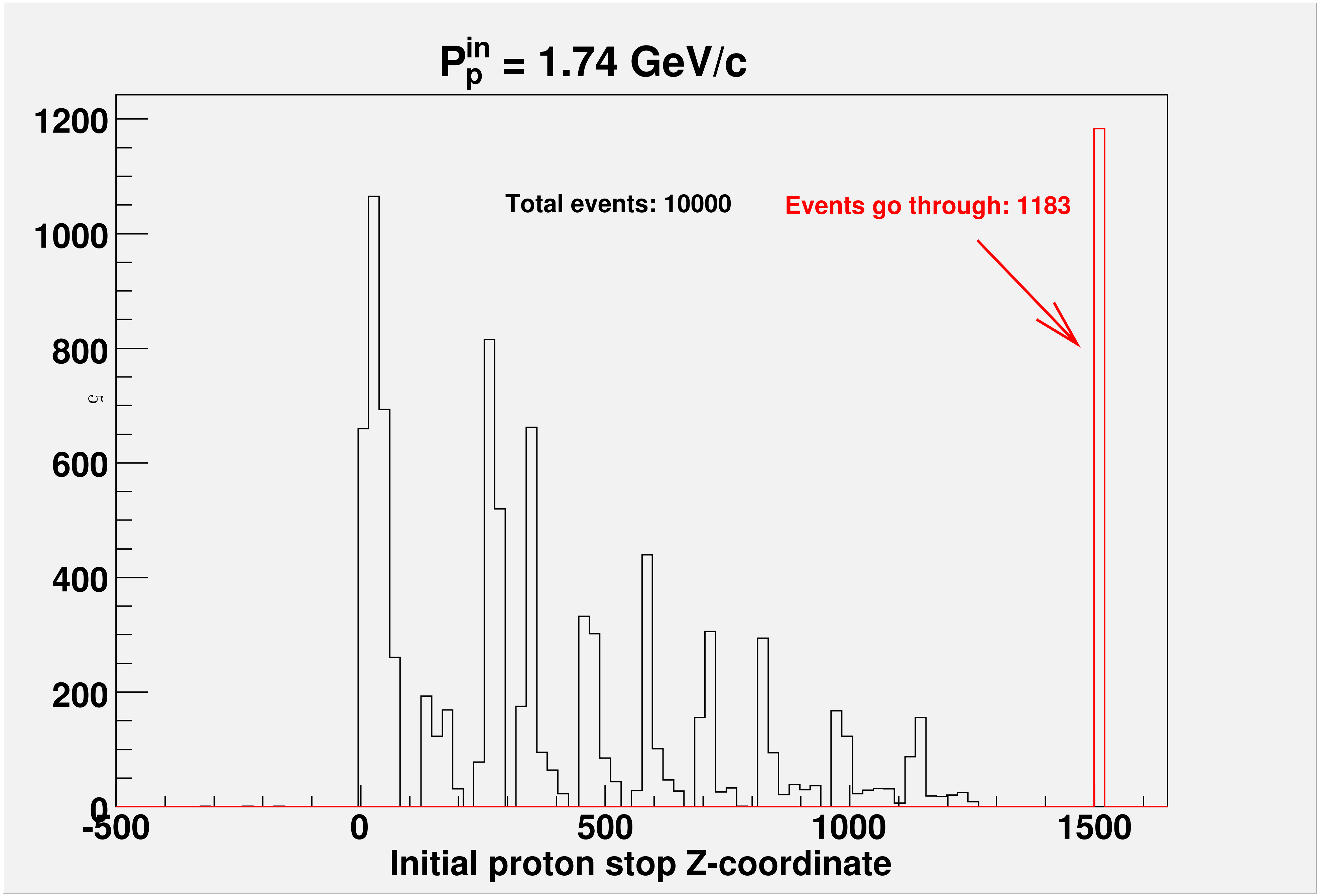
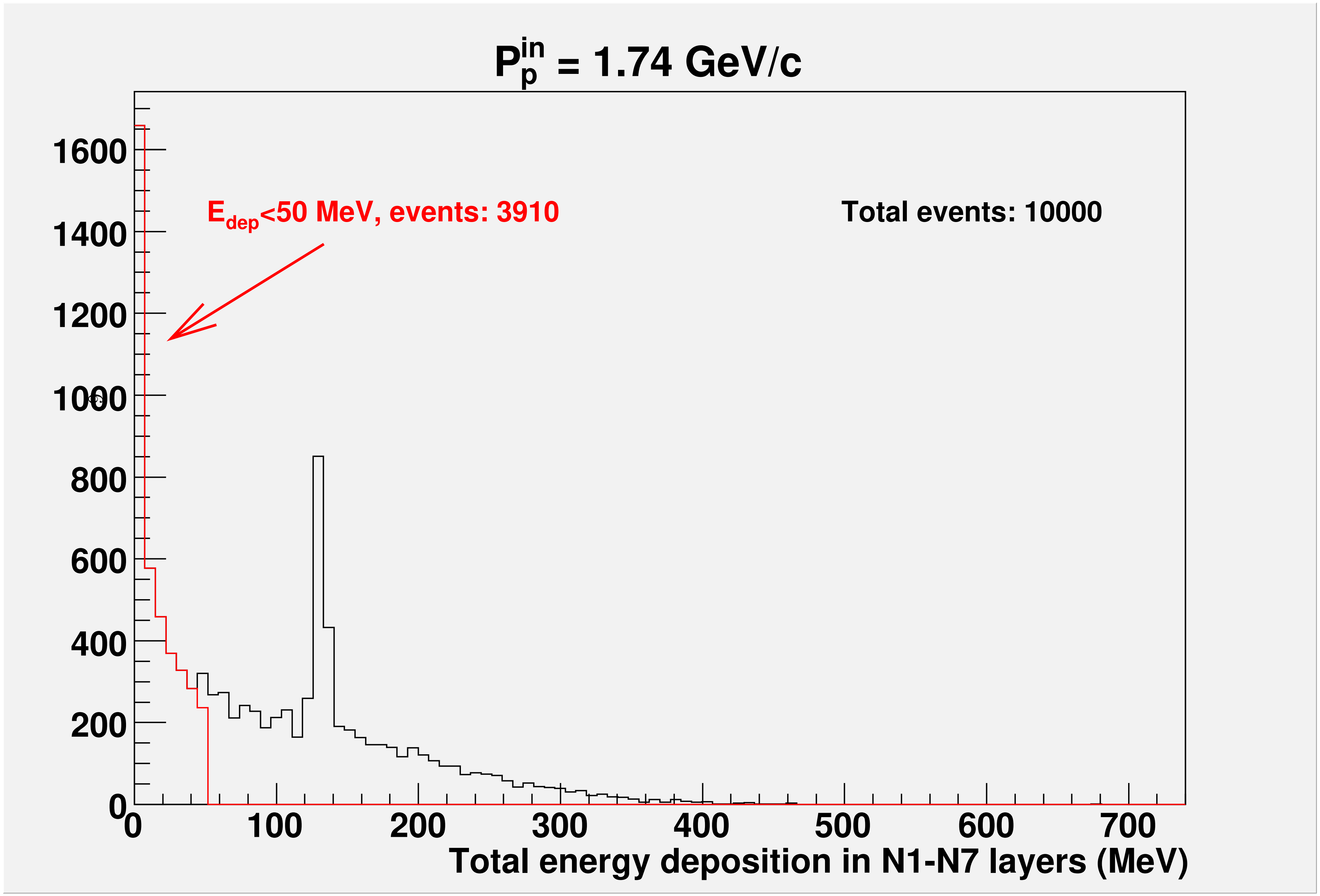


Figure 4: Initial proton momentum $P_p = 1.74 GeV/c$.
Parrticle trajectories:
blue - proton, $\pi+$, $\pi-$;
red - e+, e-;
green - gamma ;
magenta - neutron.



P_p^{in} = 1.74 GeV/c
Total events: 10000
Events go through: 1183
1200
1000
800
600
400
200
0
-500
0
500
1000
1500
Initial proton stop Z-coordinate

Figure 5:



P$_p^{in}$ = 1.74 GeV/c
E$_{dep}$<50 MeV, events: 3910
Total events: 10000
1600
1400
1200
1000
800
600
400
200
0
0
100
200
300
400
500
600
700
Total energy deposition in N1-N7 layers (MeV)

Figure 6:

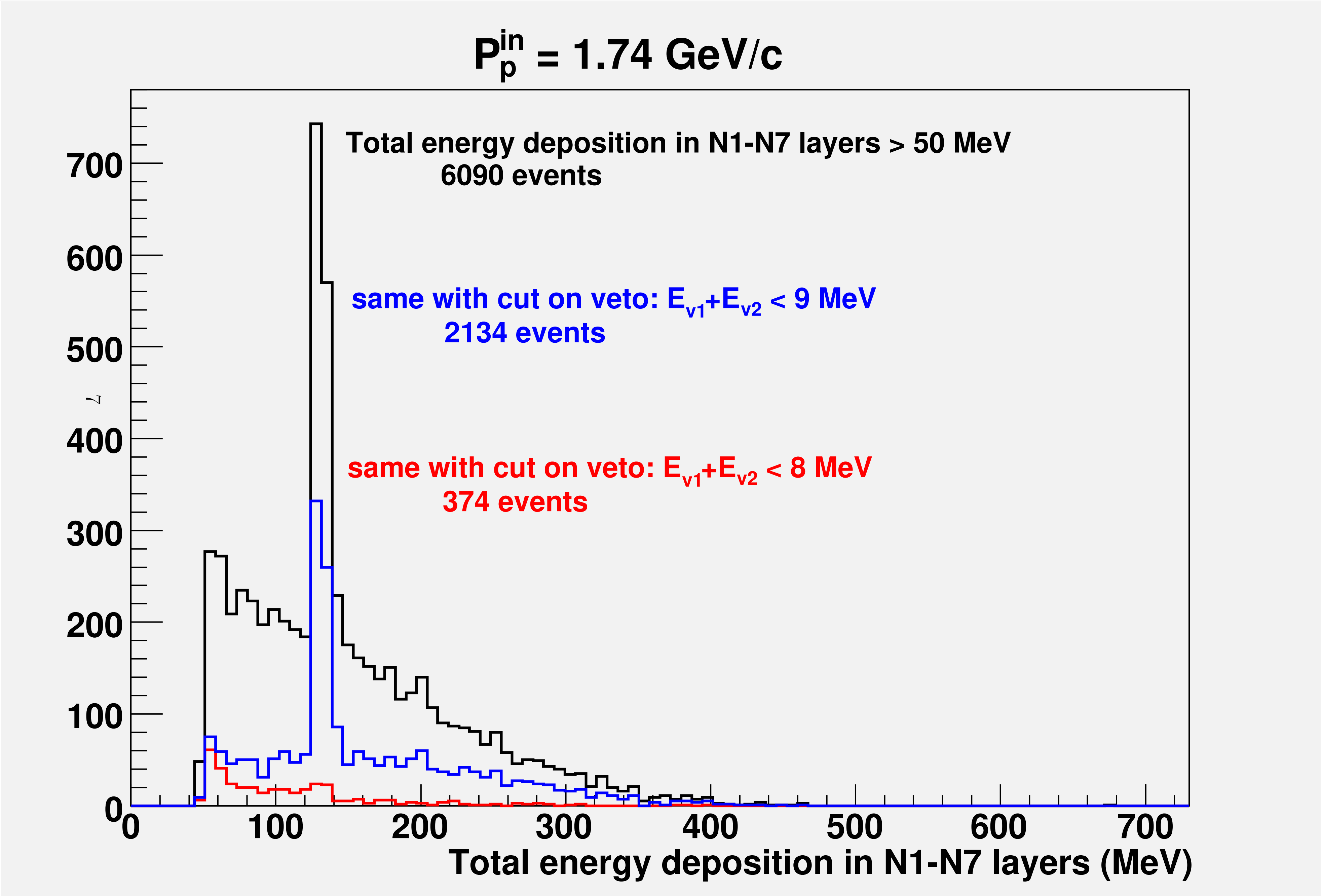

P_p^{in} = 1.74 GeV/c
Total energy deposition in N1-N7 layers > 50 MeV
6090 events
same with cut on veto: $E_{v1}+E_{v2}$ < 9 MeV
2134 events
same with cut on veto: $E_{v1}+E_{v2}$ < 8 MeV
374 events
0
100
200
300
400
500
600
700
0
100
200
300
400
500
600
700
Total energy deposition in N1-N7 layers (MeV)

Figure 7: