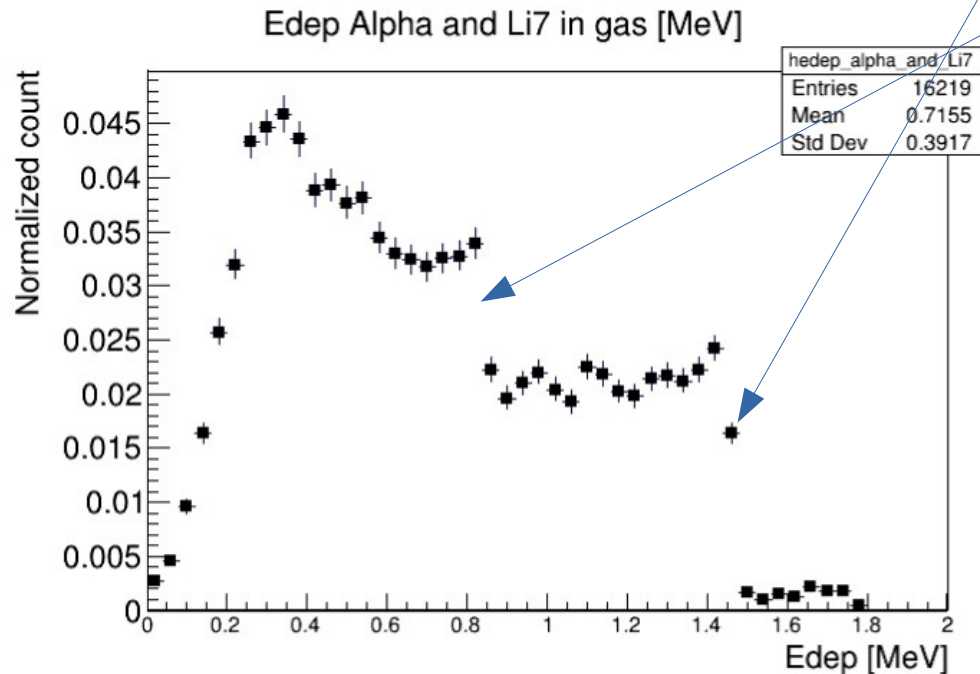
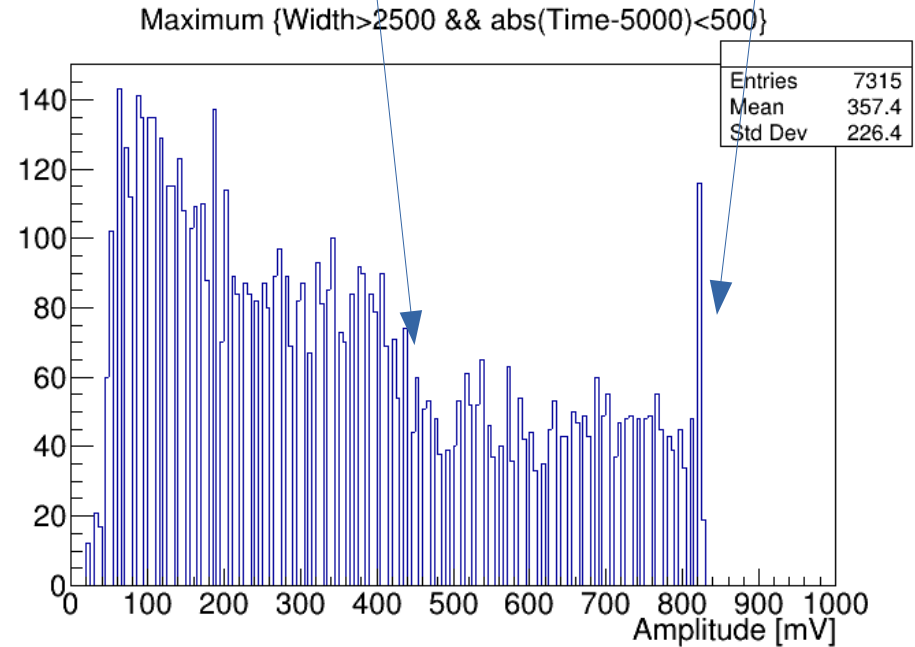


CATODO BORATO PLANARE da 2.5 μm - CREMAT

SIMULAZIONE



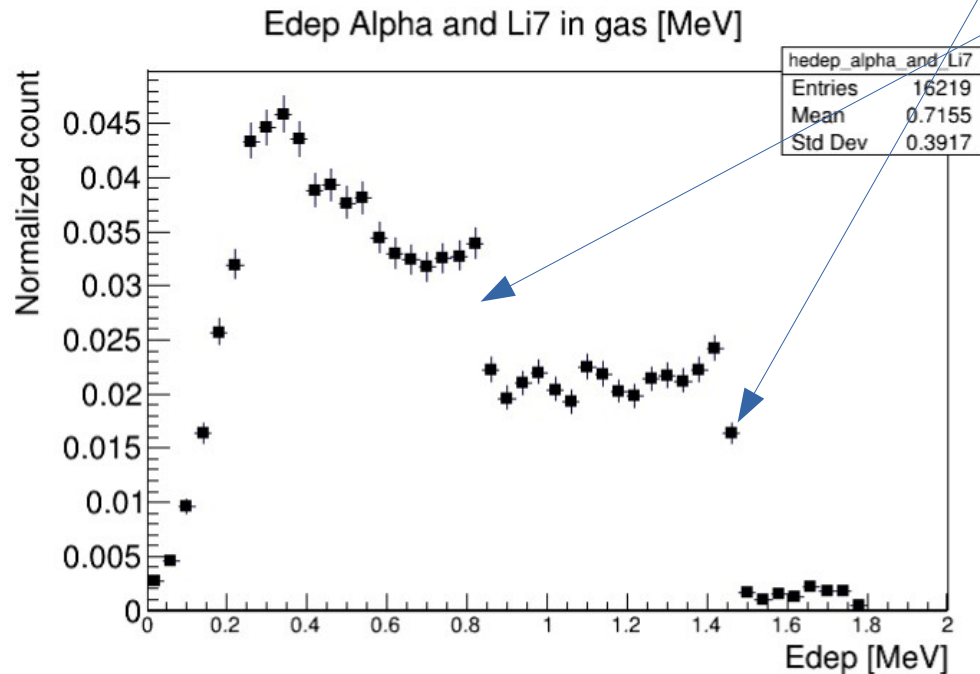
MISURA
Gain 500



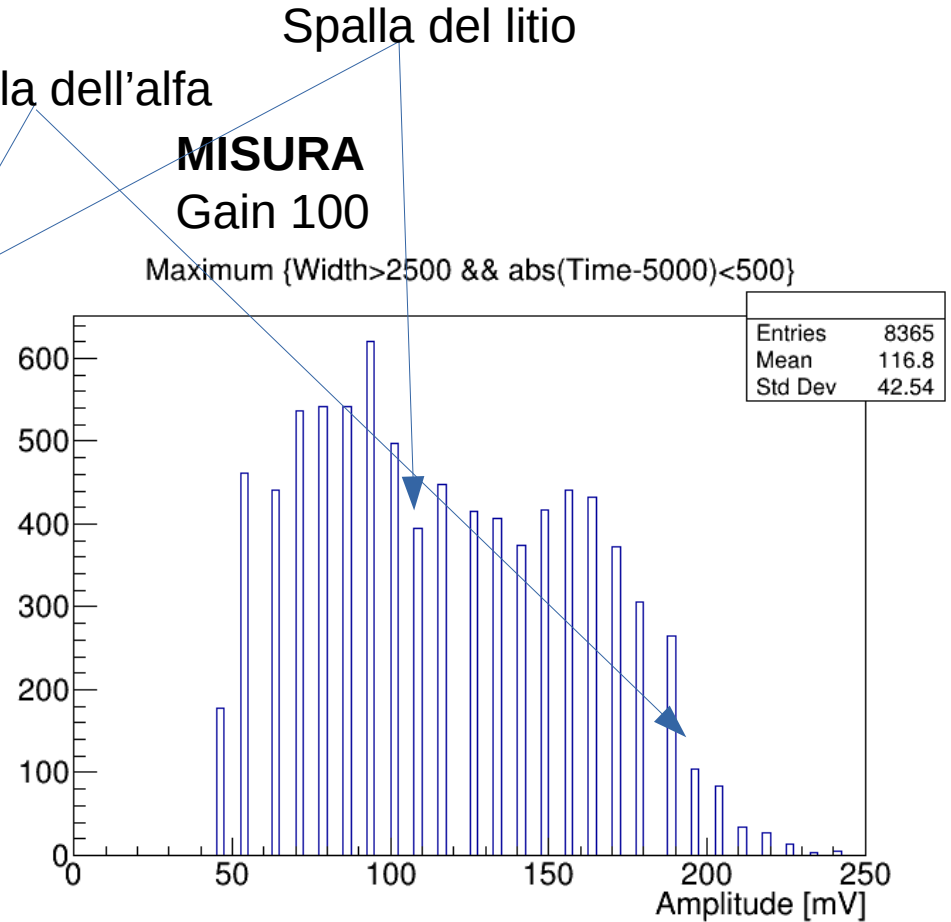
Conto a spanne: 1MeV~530mV $\rightarrow$ 50mV di thr sono 0.1 MeV $\rightarrow$ vediamo tutto lo spettro

CATODO BORATO PLANARE da 2.5 μm - CREMAT

SIMULAZIONE



MISURA
Gain 100

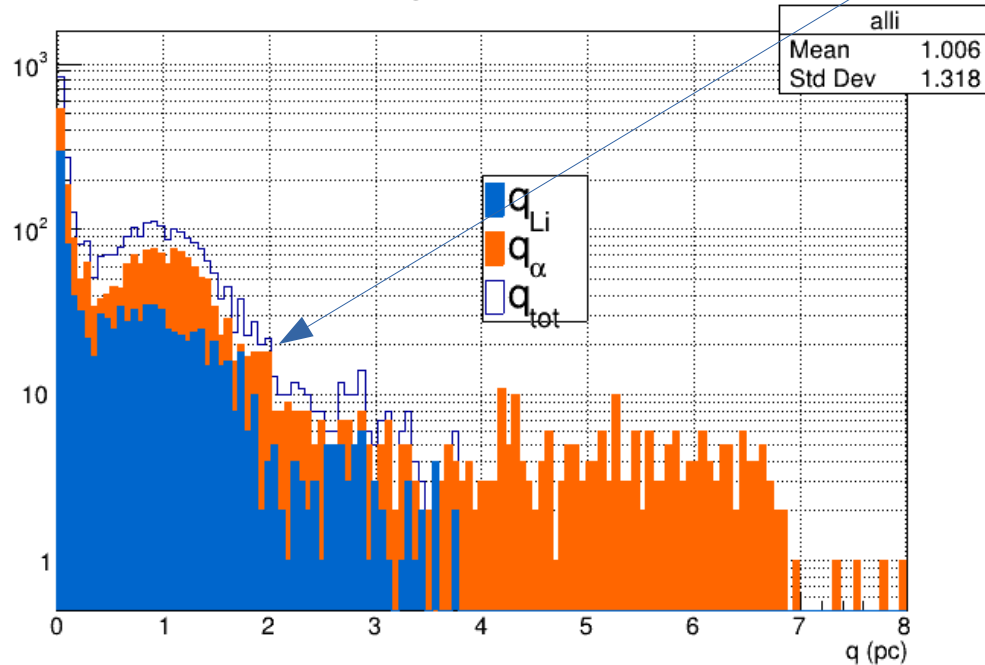


Conto a spanne: 1MeV~125mV $\rightarrow$ 50mV di thr sono 0.25 MeV $\rightarrow$ perdiamo la salita prima del picco

CATODO BORATO GROOVED - CREMAT

SIMULAZIONE

q 0.25 mm

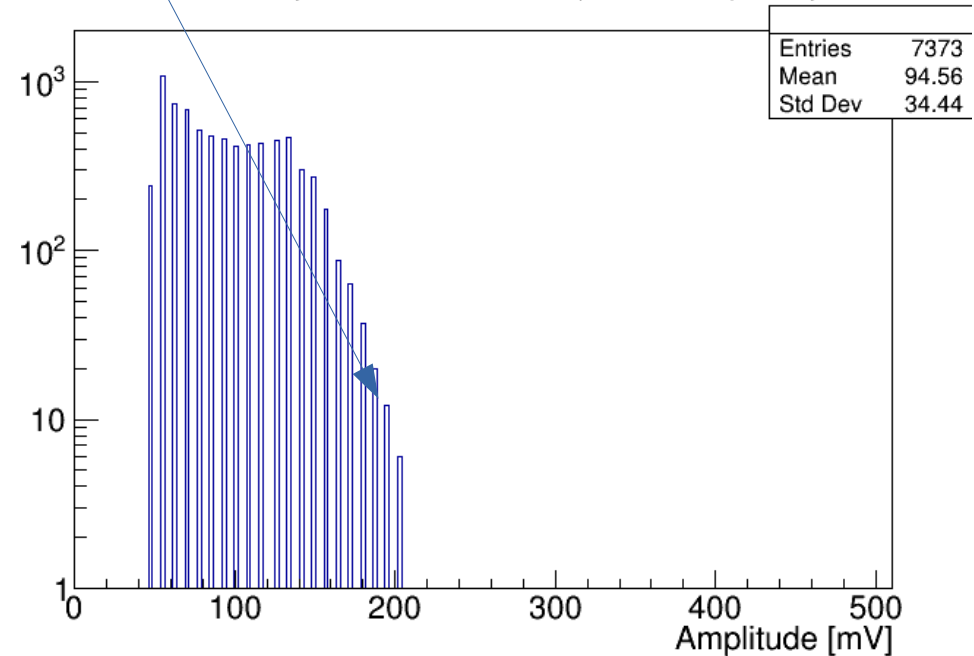


Spalla del bulk a 1 pC

MISURA

Gain 100

Maximum {Width>2000 && abs(Time-5000)<500}

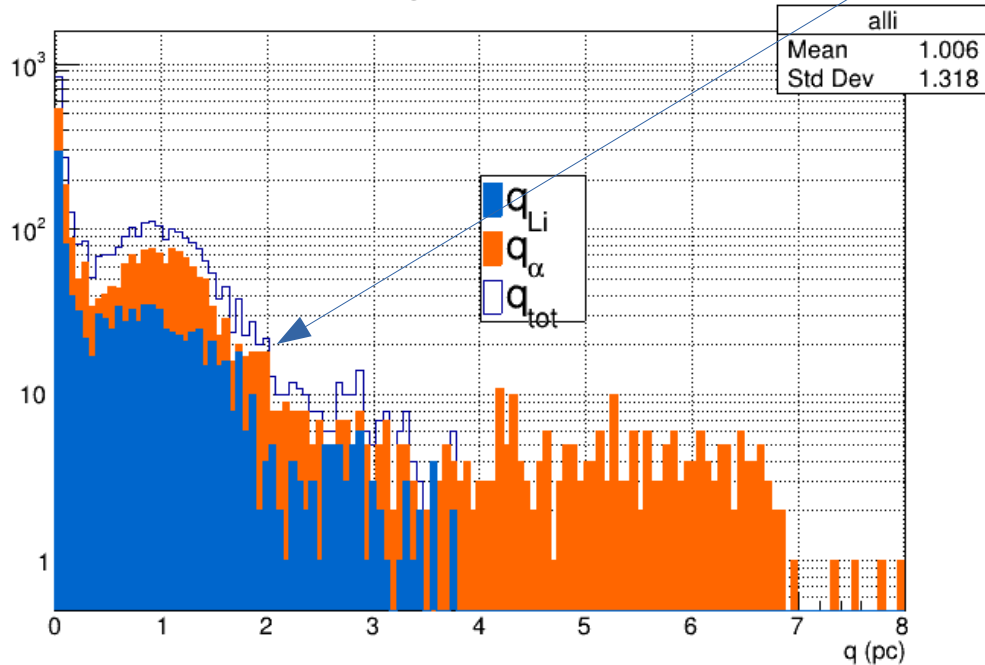


Conto a spanne: 1pC~100mV → 50mV di thr sono 0.5 pC → vediamo bene il picco a 1 pC ???

CATODO BORATO GROOVED - CREMAT

SIMULAZIONE

q 0.25 mm

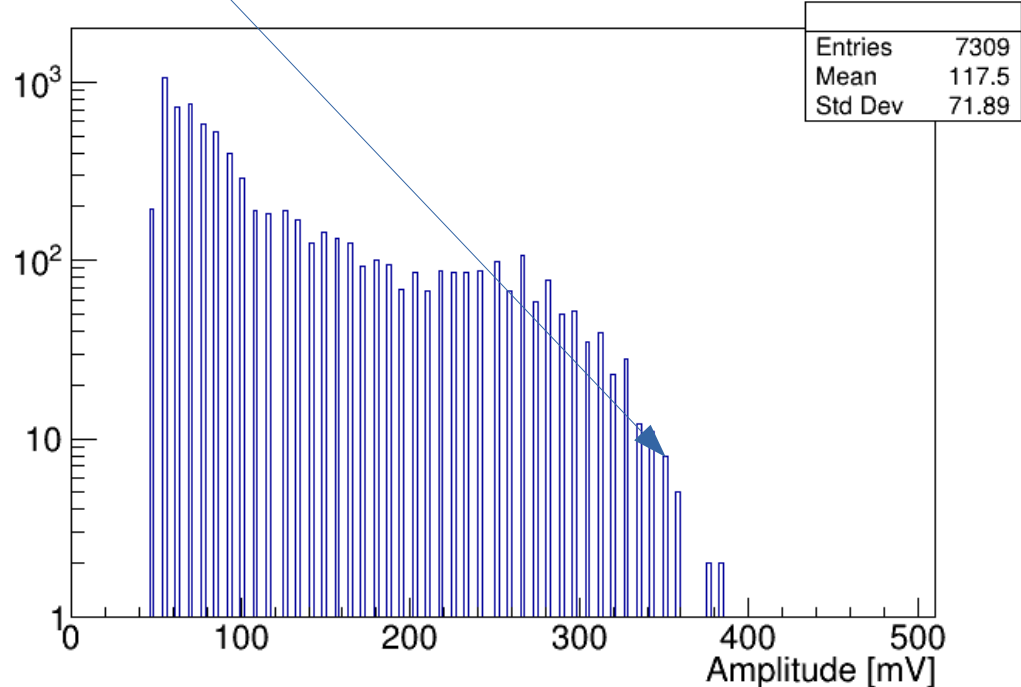


Spalla del bulk a 1 pC

MISURA

Gain 200

Maximum {Width>2000 && abs(Time-5000)<500}

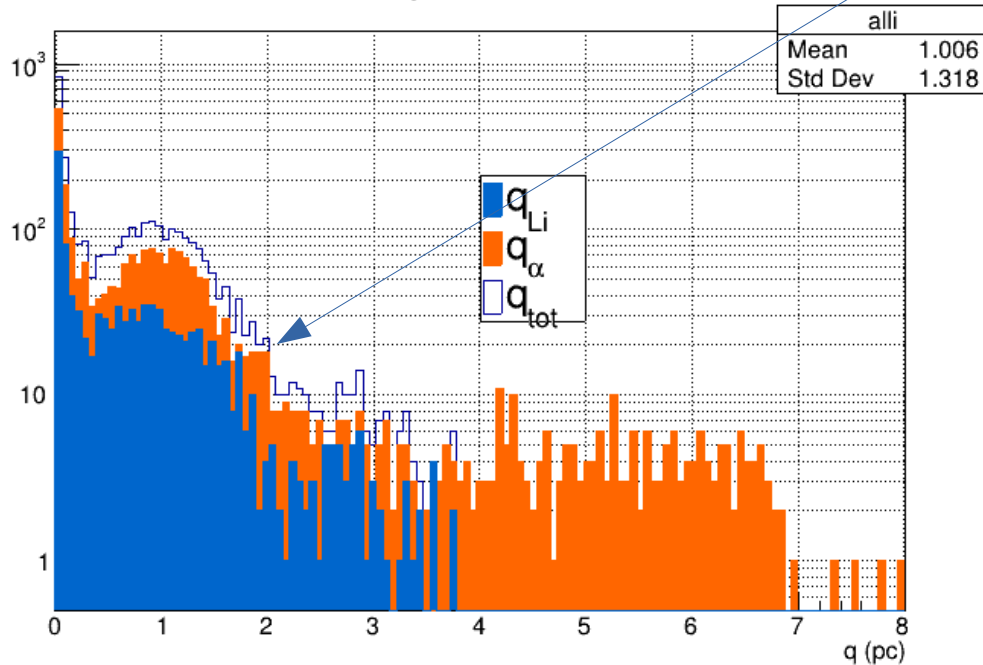


Conto a spanne: 1pC~175mV → 50mV di thr sono 0.35 pC → vediamo bene il picco a 1 pC ???

CATODO BORATO GROOVED - CREMAT

SIMULAZIONE

q 0.25 mm



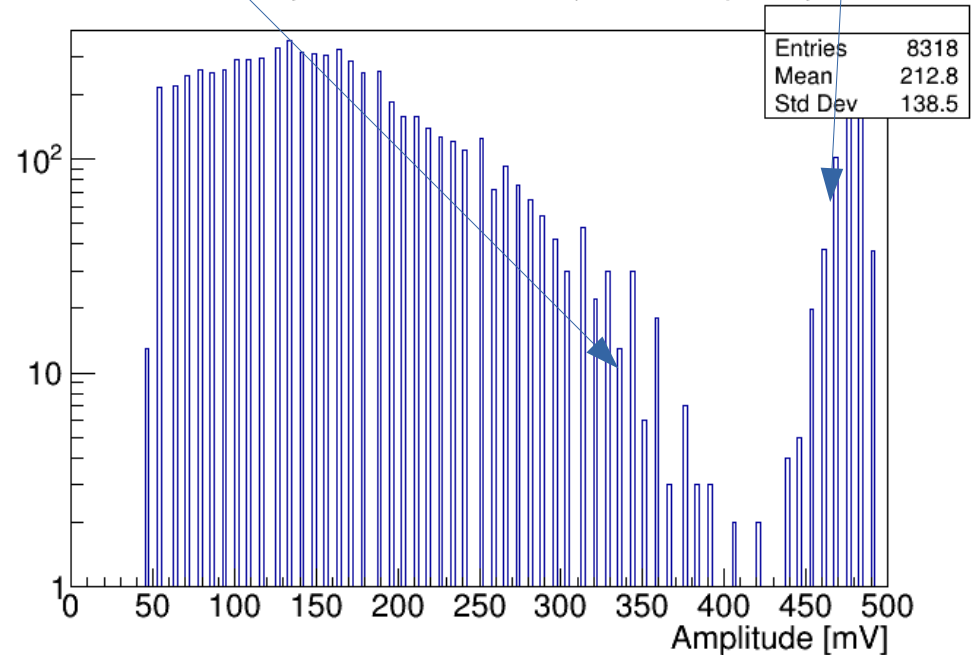
Spalla del bulk a 1 pC

MISURA

Gain 500

Maximum {Width>2500 && abs(Time-5000)<500}

saturation

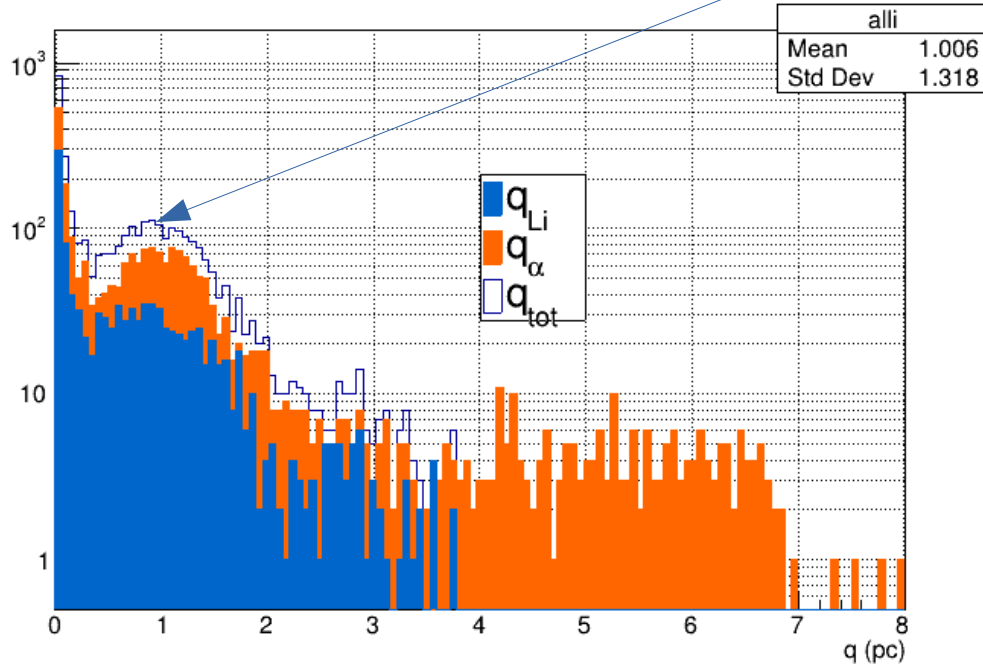


Conto a spanne: 1pC~175mV → 50mV di thr sono 0.28 pC → non vediamo meglio il picco a bassa carica

CATODO BORATO GROOVED - CREMAT

SIMULAZIONE

q 0.25 mm



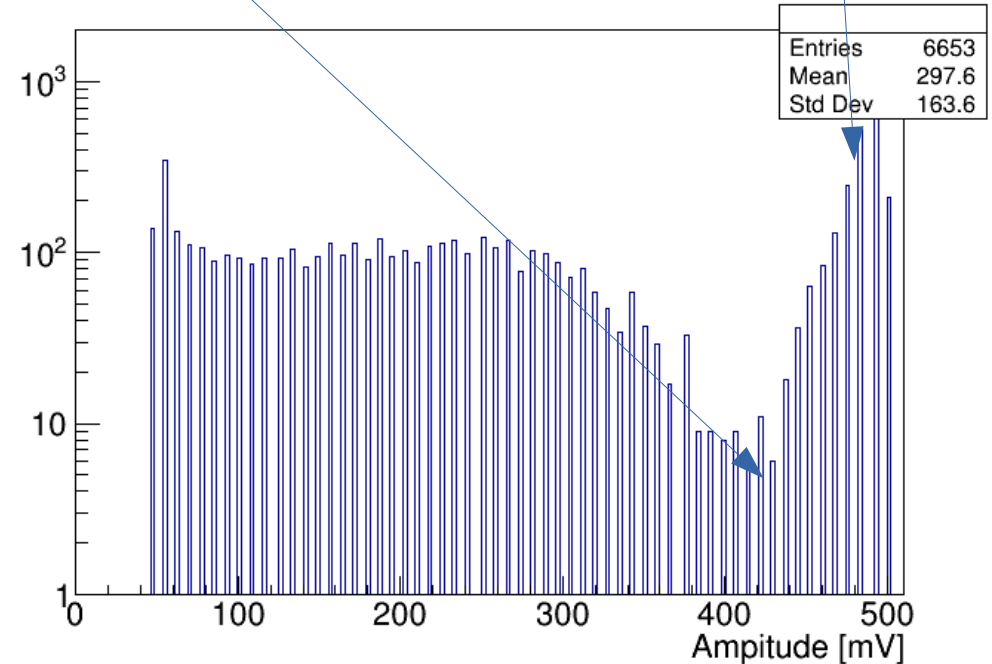
Picco del bulk a 1 pC

MISURA

Gain 1000

Maximum {Width>2000 && abs(Time-5000)<500}

saturation

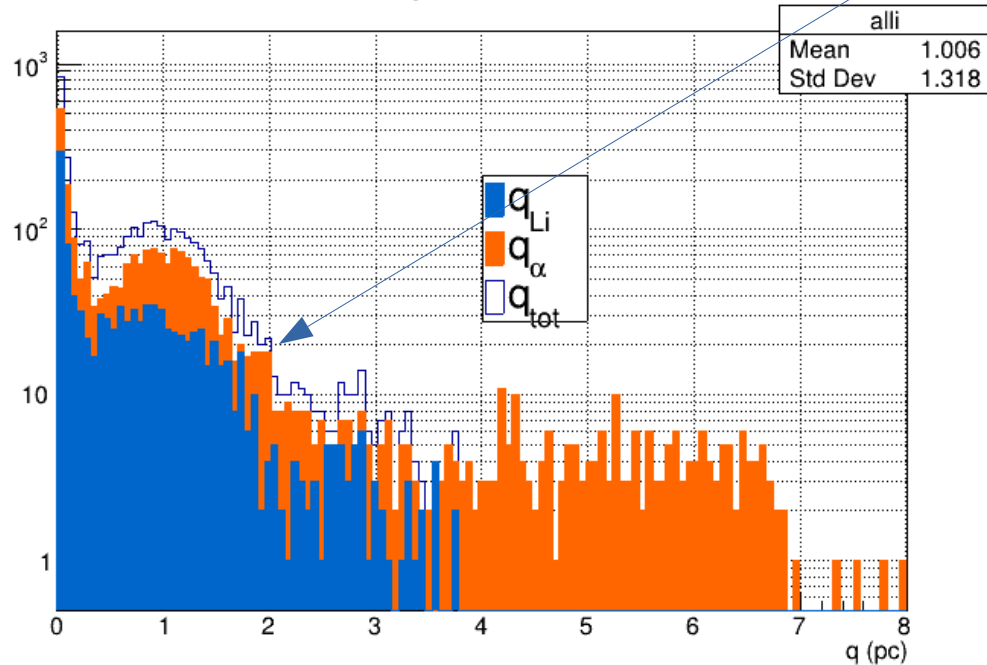


Conto a spanne: 1pC~220mV → 50mV di thr sono 0.25 pC → non vediamo meglio il picco a bassa carica

CATODO BORATO GROOVED - CAEN

SIMULAZIONE

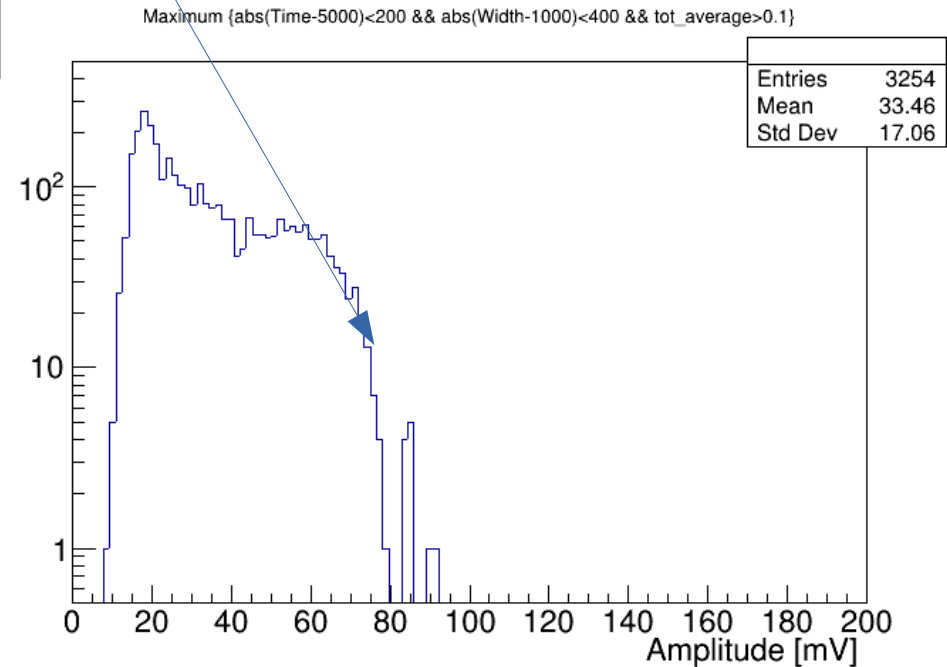
q 0.25 mm



Spalla del bulk a 1 pC

MISURA

Gain 500

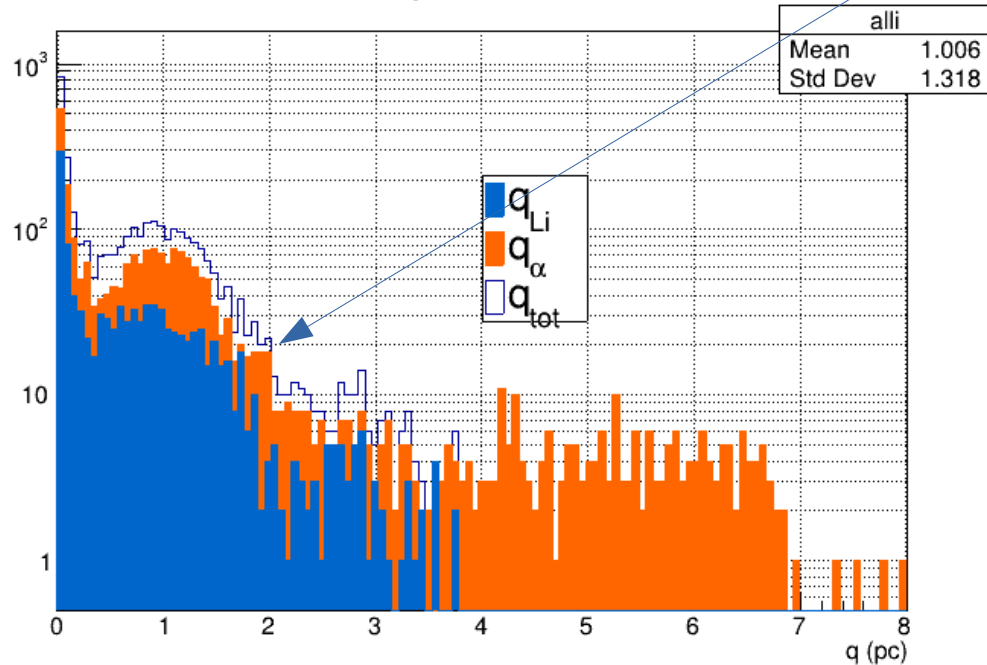


Conto a spanne: 1pC~40mV → 5mV di thr sono 0.12 pC → vediamo meglio il picco a bassa carica

CATODO BORATO GROOVED - CAEN

SIMULAZIONE

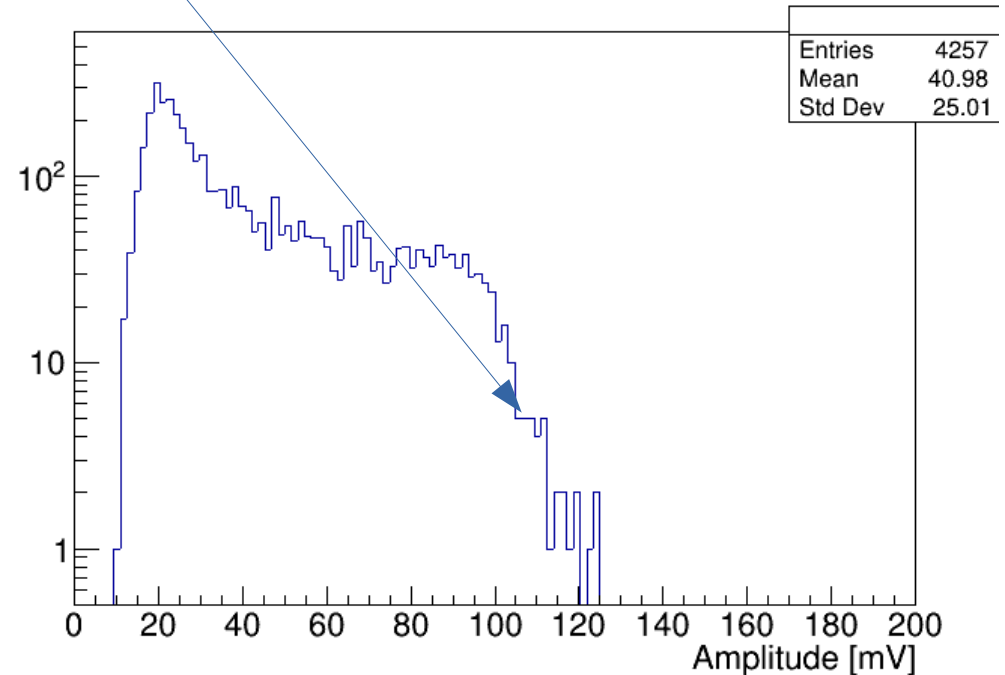
q 0.25 mm



Spalla del bulk a 1 pC

MISURA

Gain 700

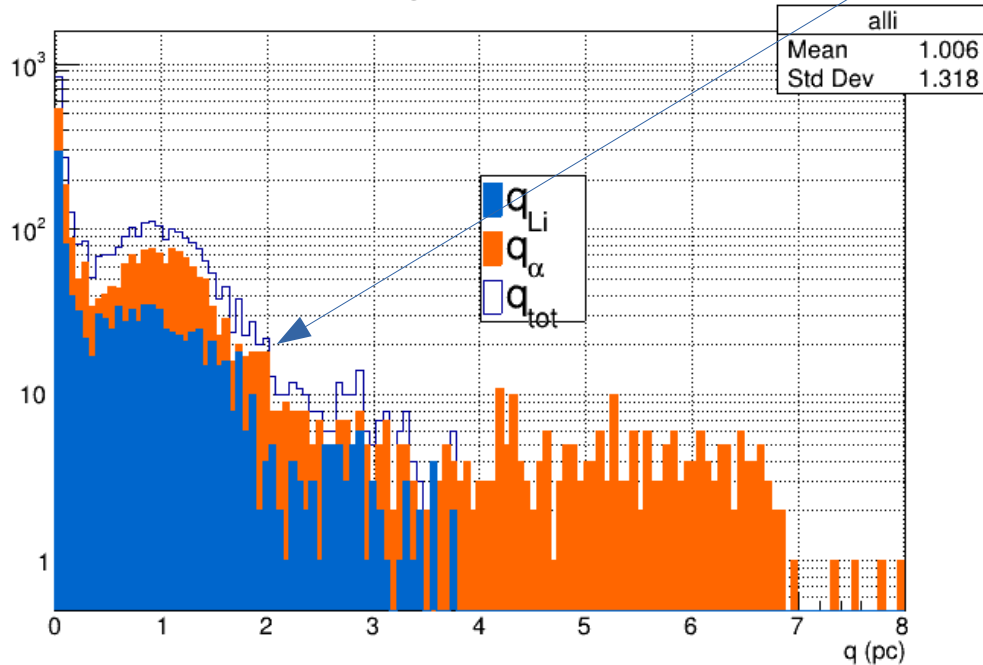


Conto a spanne: 1pC~55mV → 5mV di thr sono 0.1 pC → vediamo meglio il picco a bassa carica

CATODO BORATO GROOVED - CAEN

SIMULAZIONE

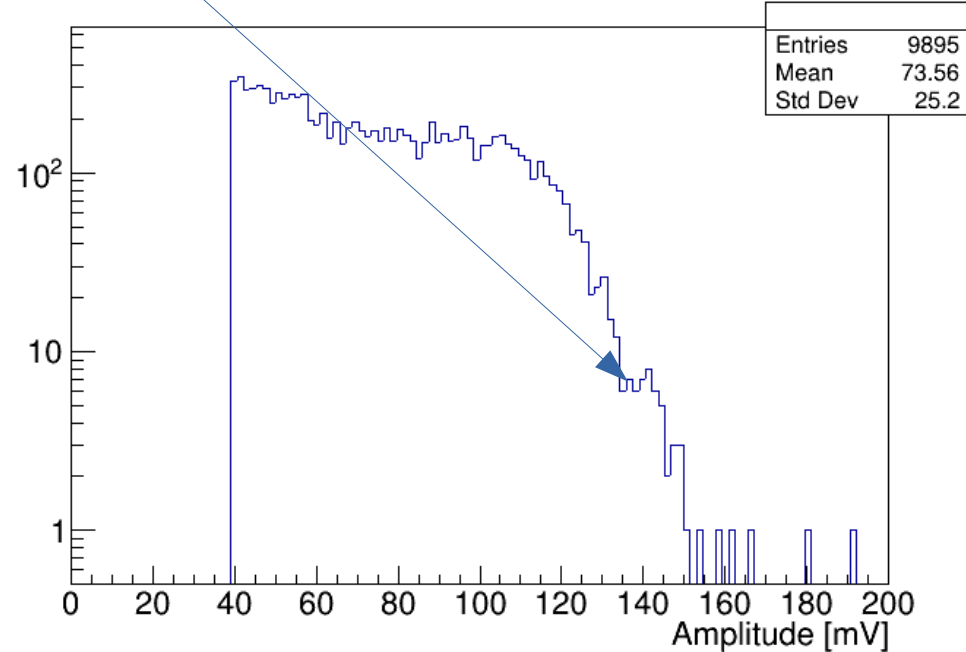
q 0.25 mm



MISURA

Gain 1000

Maximum {abs(Time-5000)<200 && abs(Width-1000)<400 && tot_average>0.1}



Conto a spanne: 1pC~70mV → 40mV di thr sono 0.6 pC → non vediamo meglio il picco a bassa carica