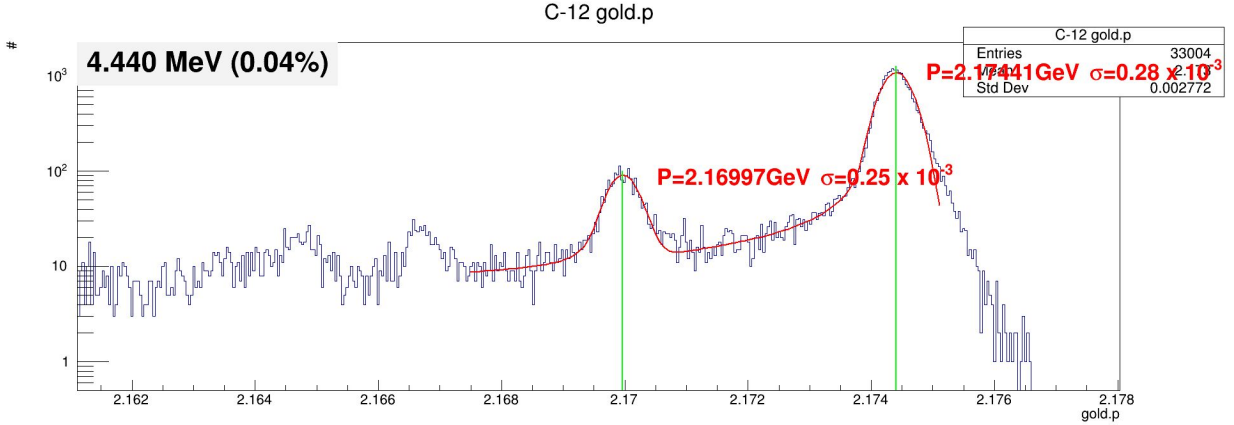
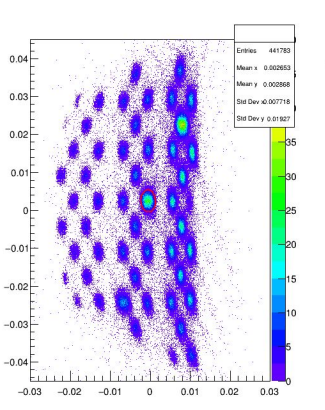
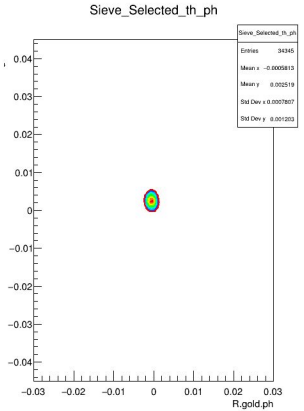
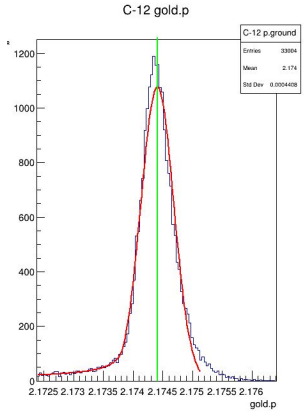
RHRS

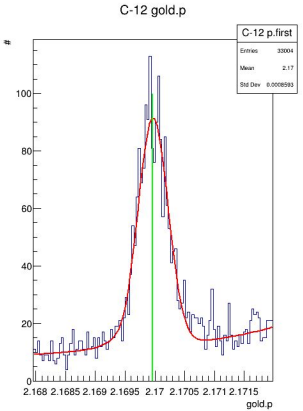
21626


C-12 gold.p
4.440 MeV (0.04%)
P=2.17441GeV σ=0.28 x 10^-3
P=2.16997GeV σ=0.25 x 10^-3
C-12 gold.p
Entries 33004
Std Dev 0.002772
gold.p

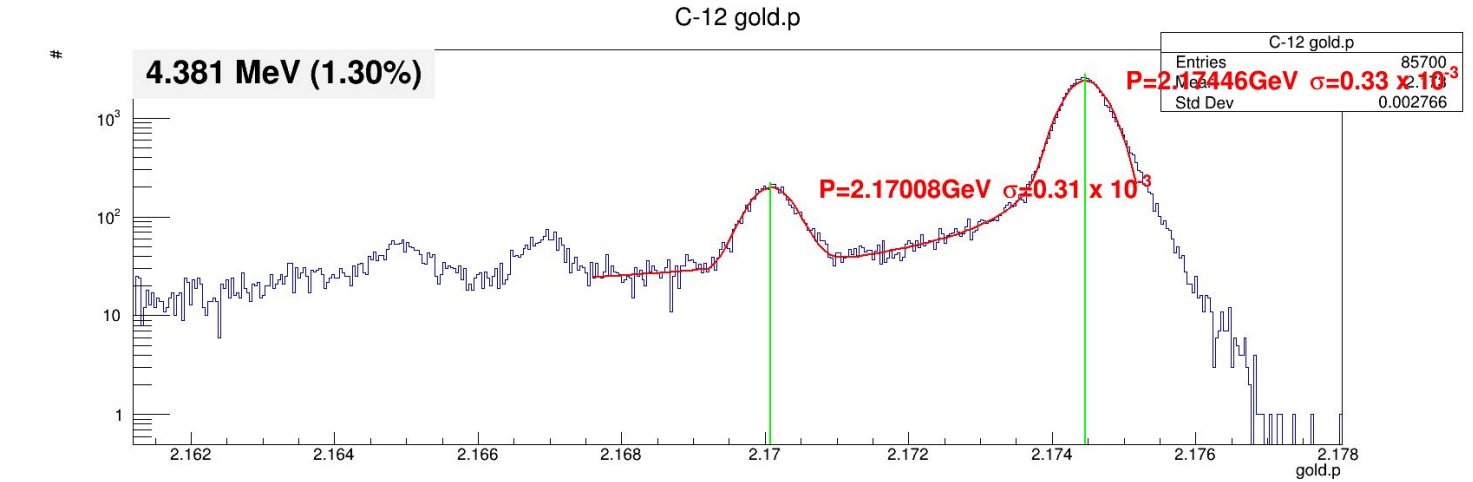


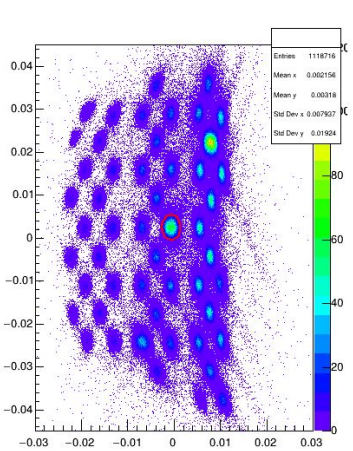

Sieve_Selected_th_ph
R.gold.ph

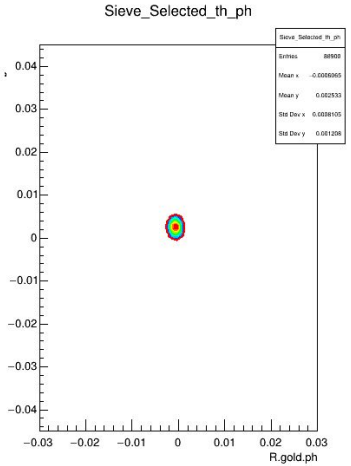

C-12 gold.p
C-12 p.ground
gold.p

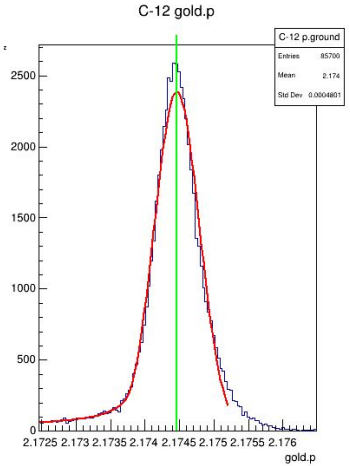

C-12 gold.p
C-12 p.first
gold.p

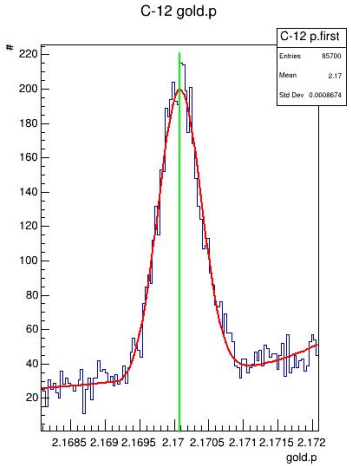
21642


C-12 gold.p
4.381 MeV (1.30%)
P=2.17008GeV σ=0.31 x 10^-3
C-12 gold.p
Entries 85700
Std Dev 0.002766
gold.p

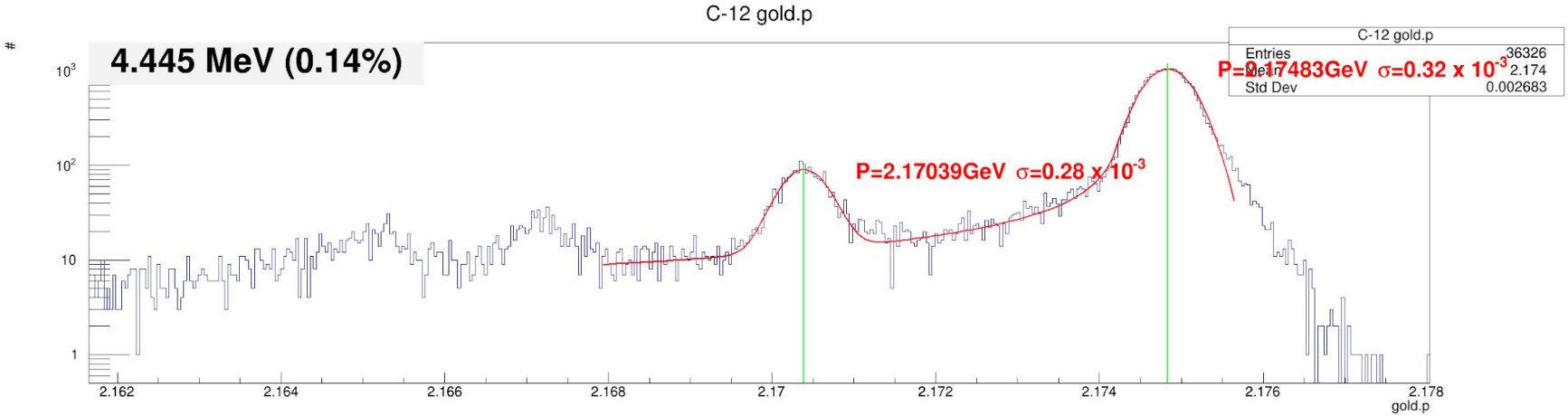


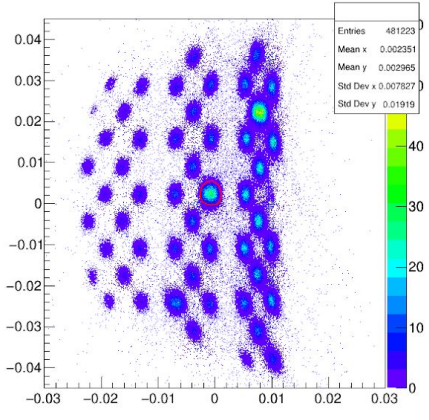

Sieve_Selected_th_ph
R.gold.ph

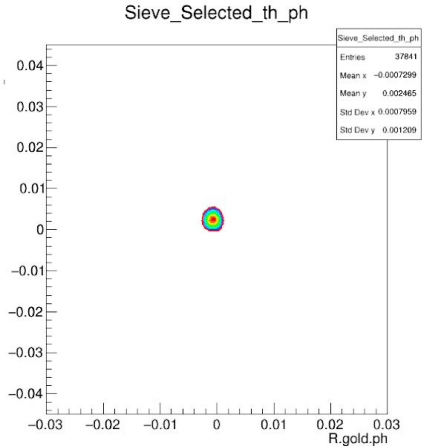

C-12 gold.p
C-12 p.ground
gold.p

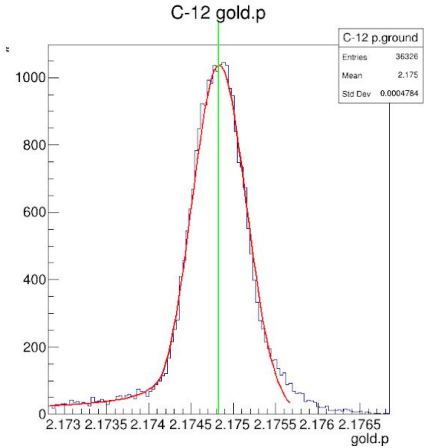

C-12 gold.p
C-12 p.first
gold.p

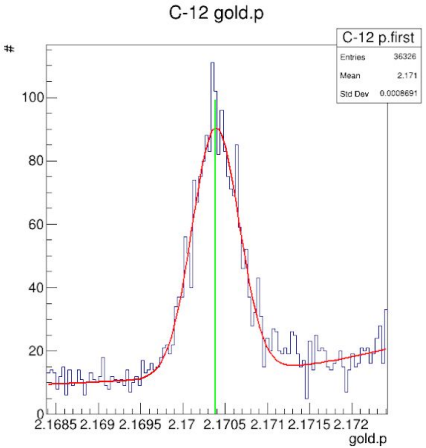
21641

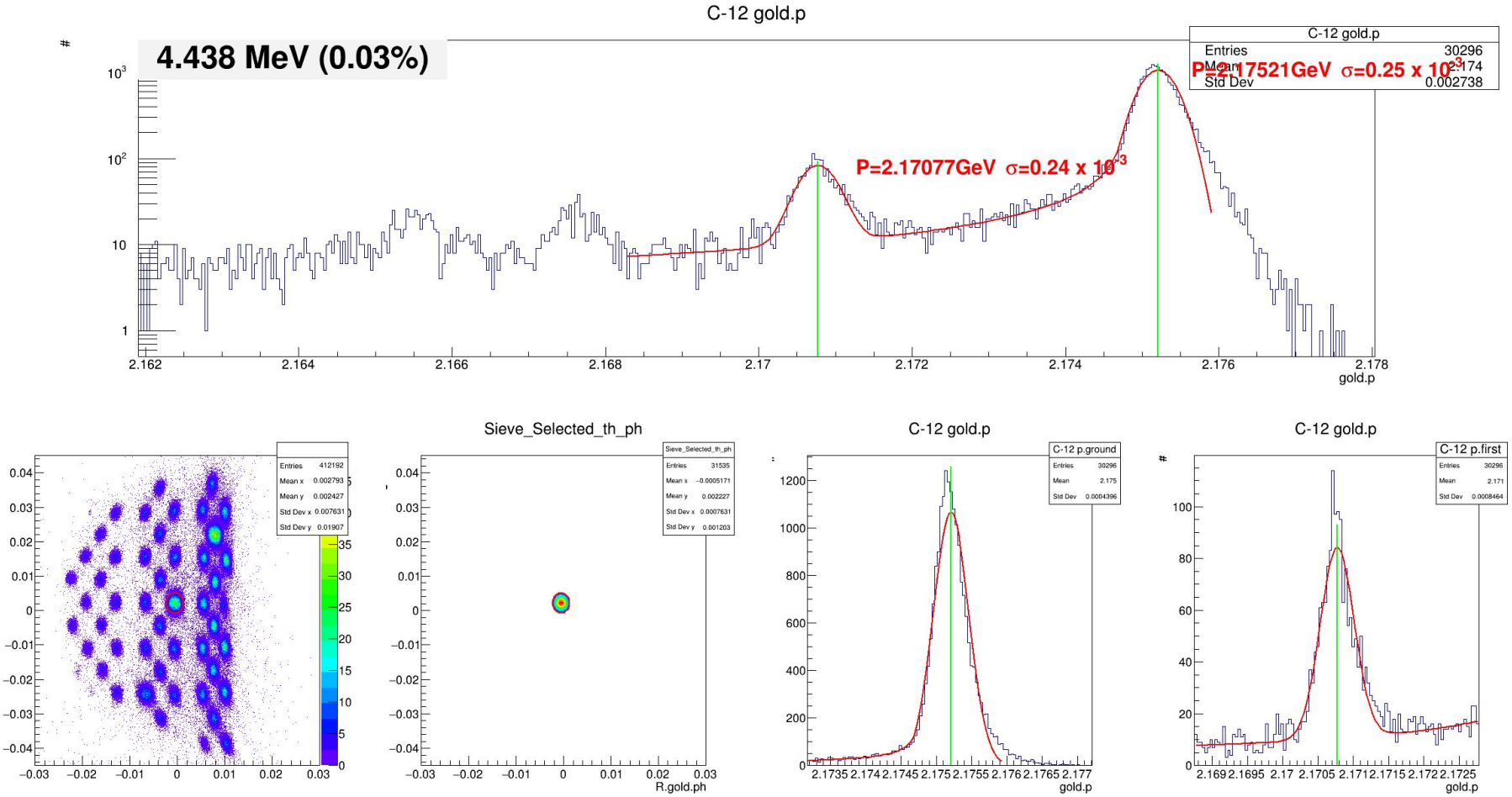

C-12 gold.p
4.445 MeV (0.14%)
P=2.17039GeV σ=0.28 x 10-3
P=2.17483GeV σ=0.32 x 10-3
Entries 36326
Mean 2.174
Std Dev 0.002683
gold.p


Entries 481223
Mean x 0.002351
Mean y 0.002965
Std Dev x 0.007827
Std Dev y 0.01919

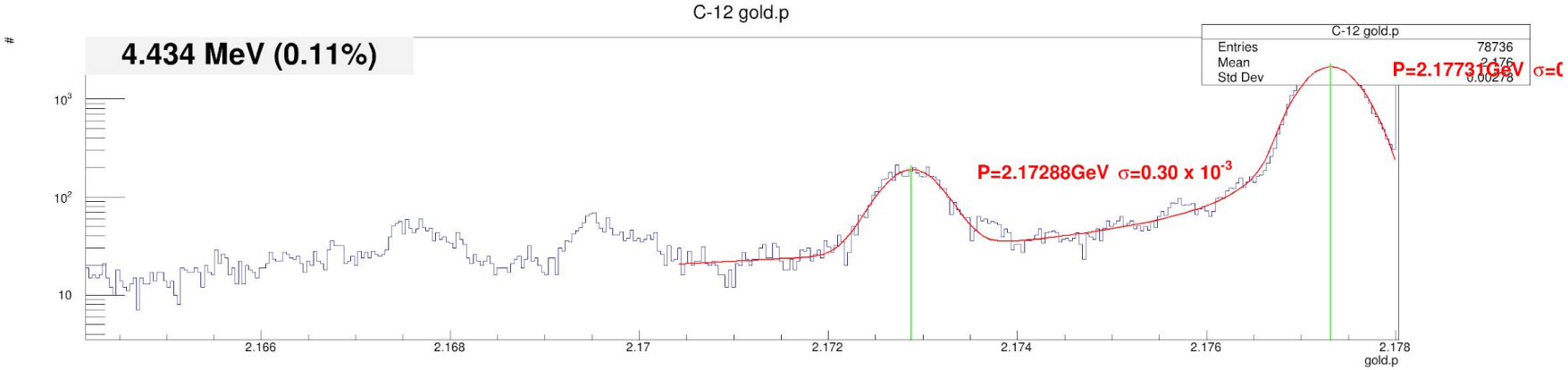

Sieve_Selected_th_ph
Entries 37841
Mean x -0.0007299
Mean y 0.002465
Std Dev x 0.0007959
Std Dev y 0.001209
R.gold.ph

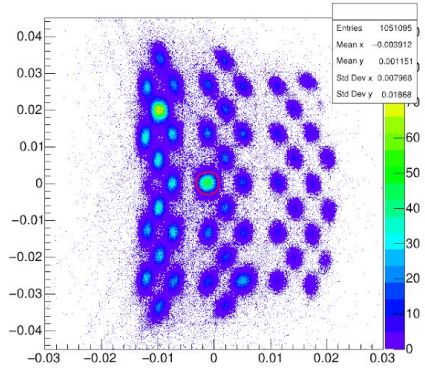

C-12 gold.p
C-12 p.ground
Entries 36326
Mean 2.175
Std Dev 0.0004784
gold.p

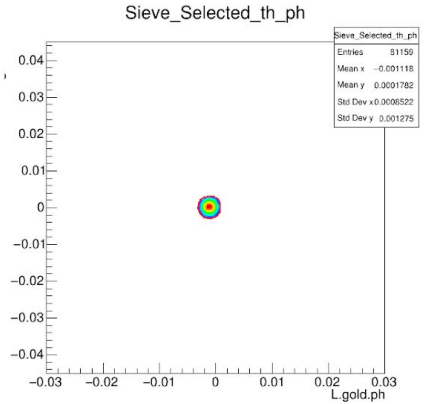

C-12 gold.p
C-12 p.first
Entries 36326
Mean 2.171
Std Dev 0.0008691
gold.p

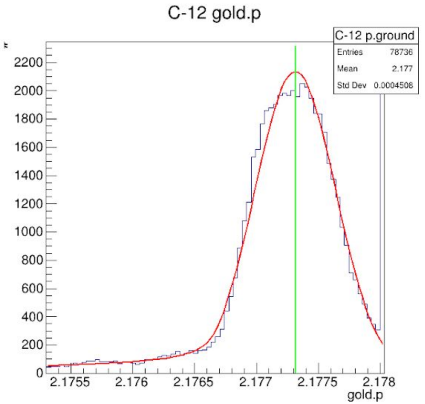

C-12 gold.p
4.438 MeV (0.03%)
C-12 gold.p
Entries 30296
Mean 2.174
Std Dev 0.002738
P=2.17521GeV σ=0.25 x 10^-3
P=2.17077GeV σ=0.24 x 10^-3
gold.p
Sieve_Selected_th_ph
R.gold.ph
C-12 gold.p
C-12 p.ground
C-12 gold.p
C-12 p.first
gold.p

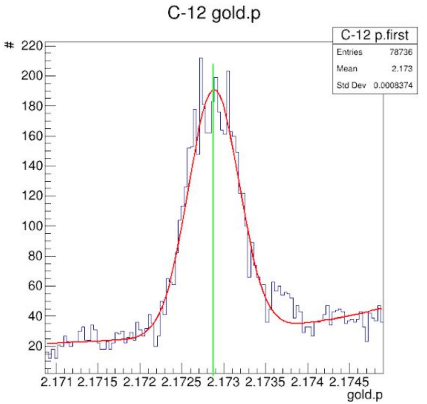
2566


C-12 gold.p
4.434 MeV (0.11%)
Entries 78736
Mean 2.176
Std Dev 0.00278
P=2.17731GeV σ=(
P=2.17288GeV σ=0.30 x 10^-3
gold.p

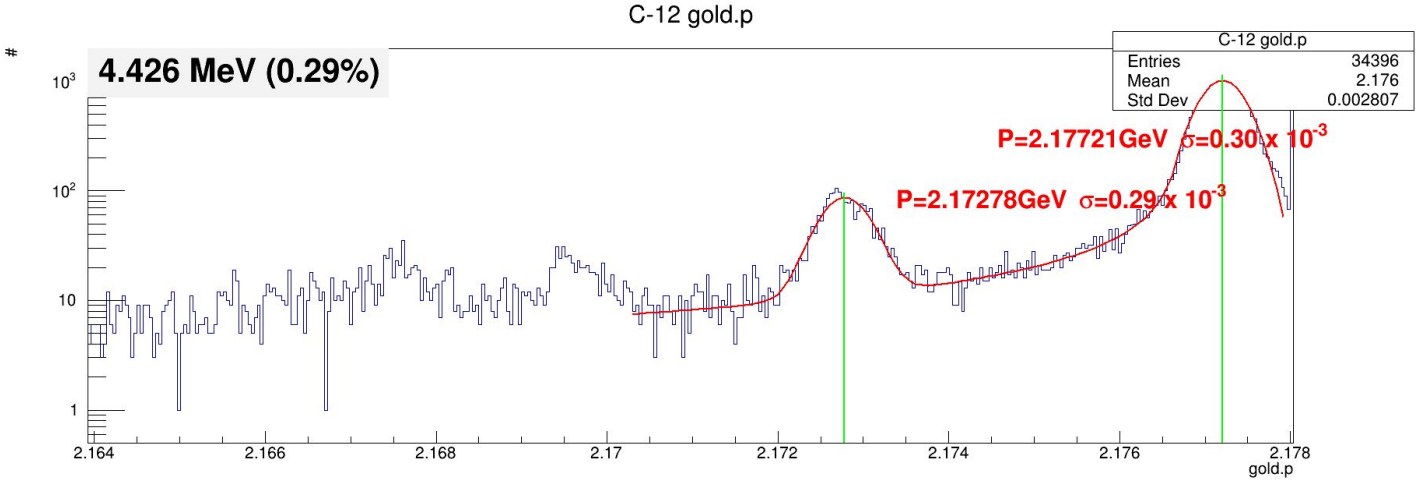

Entries 1051095
Mean x -0.003912
Mean y 0.001151
Std Dev x 0.007968
Std Dev y 0.01868

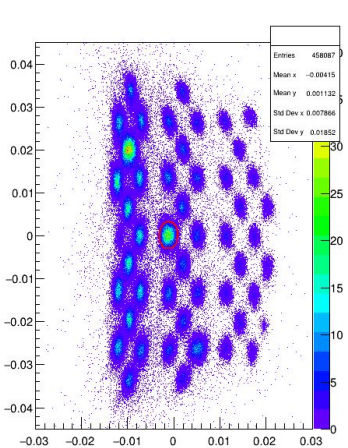

Sieve_Selected_th_ph
Entries 81159
Mean x -0.001118
Mean y 0.0001782
Std Dev x 0.0006522
Std Dev y 0.001275
L.gold.ph

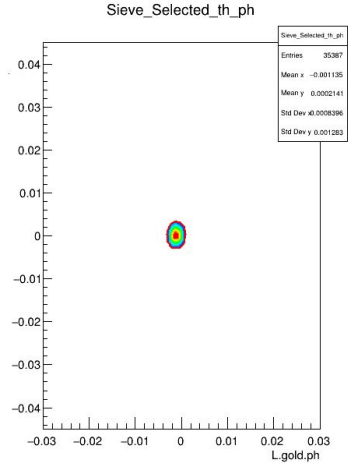

C-12 gold.p
C-12 p.ground
Entries 78736
Mean 2.177
Std Dev 0.0004508
gold.p

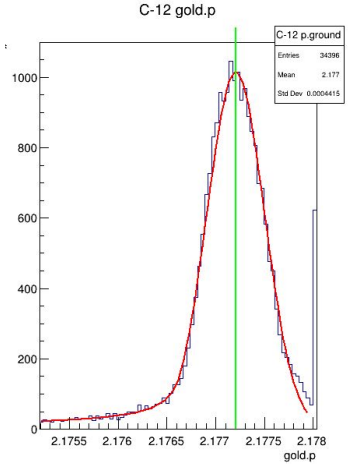

C-12 gold.p
C-12 p.first
Entries 78736
Mean 2.173
Std Dev 0.0008374
gold.p

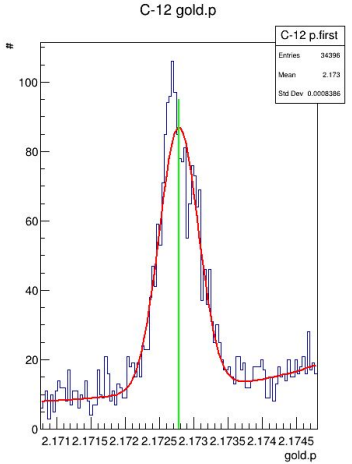
2565


C-12 gold.p
4.426 MeV (0.29%)
C-12 gold.p
Entries 34396
Mean 2.176
Std Dev 0.002807
P=2.17721GeV σ=0.30 x 10^-3
P=2.17278GeV σ=0.29 x 10^-3
gold.p

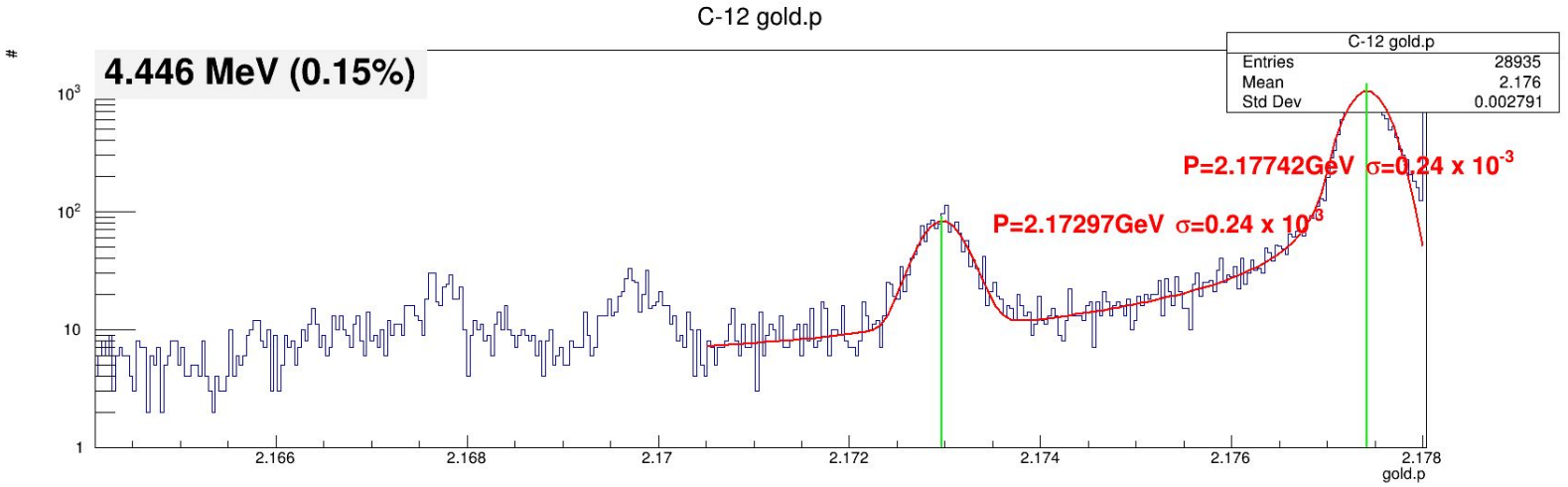


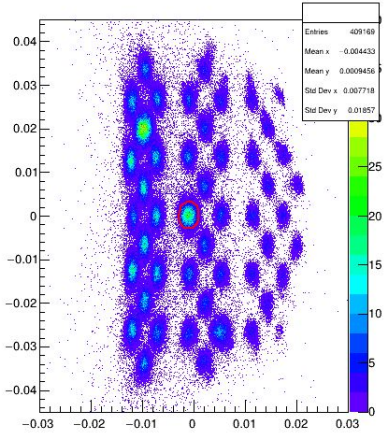

Sieve_Selected_th_ph
L.gold.ph

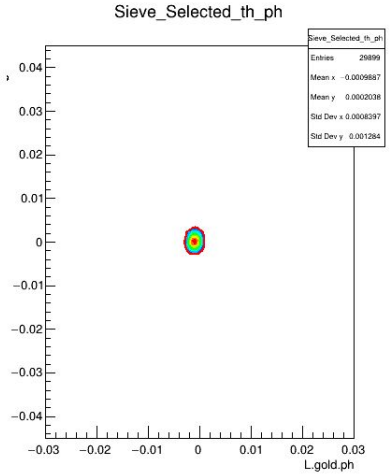

C-12 gold.p
C-12 p.ground
gold.p

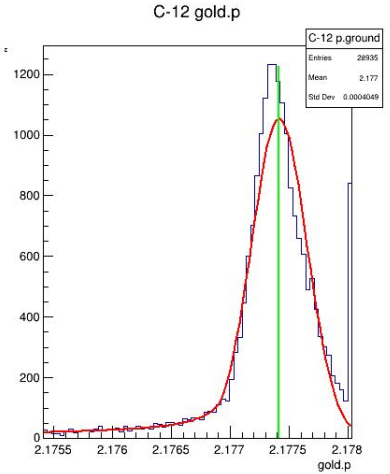

C-12 gold.p
C-12 p.first
gold.p

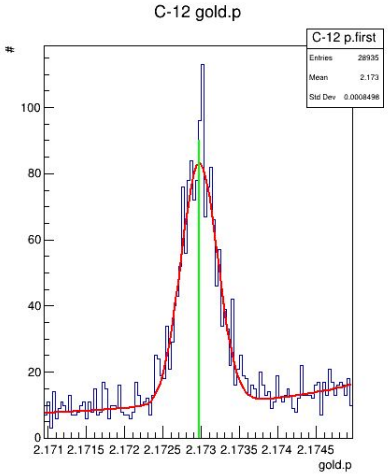
2556


C-12 gold.p
4.446 MeV (0.15%)
C-12 gold.p
Entries 28935
Mean 2.176
Std Dev 0.002791
P=2.17742GeV σ=0.24 x 10^-3
P=2.17297GeV σ=0.24 x 10^-3
gold.p

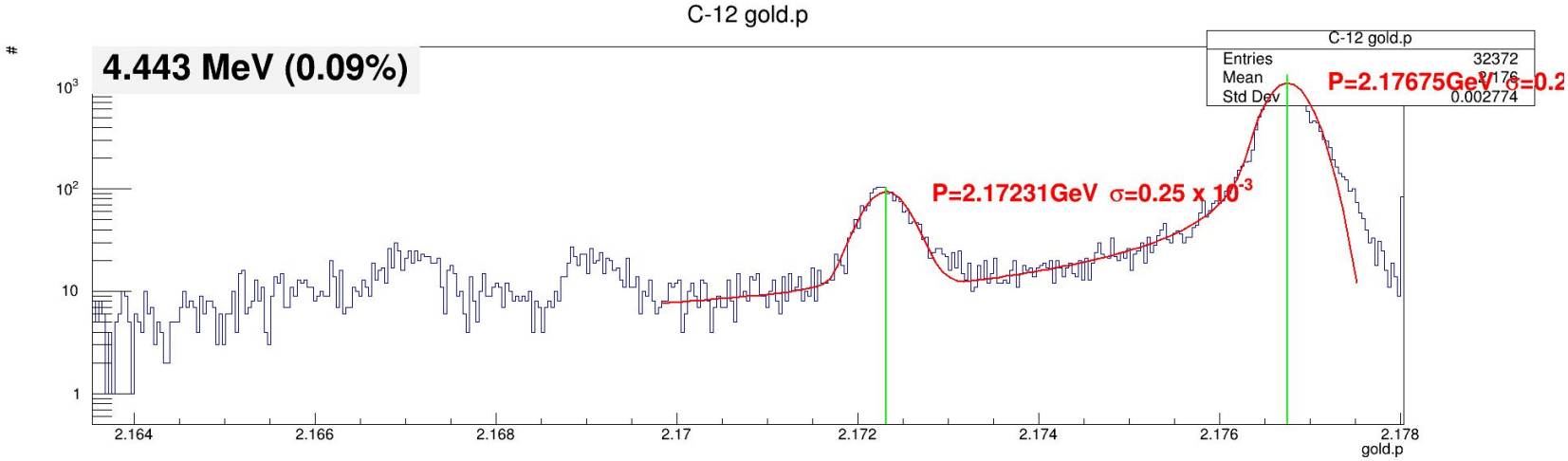


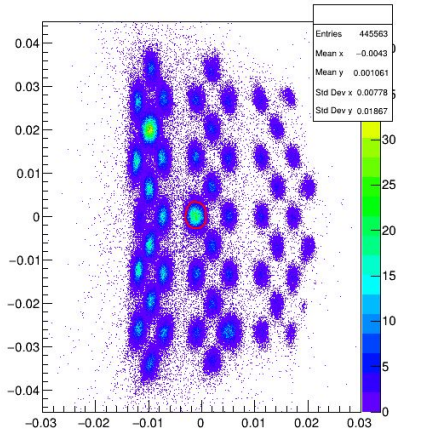

Sieve_Selected_th_ph
L.gold.ph

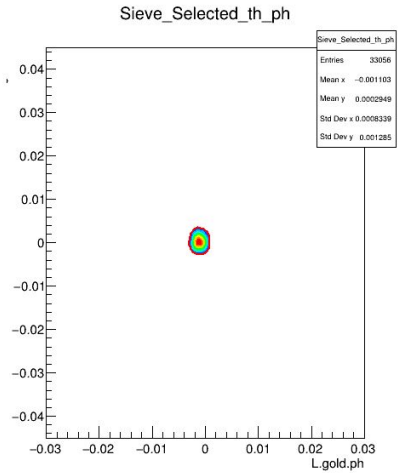

C-12 gold.p
C-12 p.ground
gold.p

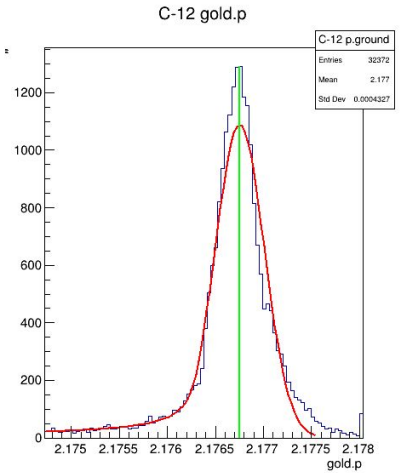

C-12 gold.p
C-12 p.first
gold.p

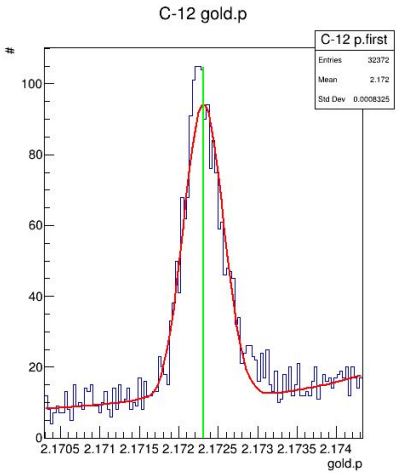
2550


C-12 gold.p
4.443 MeV (0.09%)
C-12 gold.p
Entries 32372
Mean 2.176
Std Dev 0.002774
P=2.17675GeV σ=0.2
P=2.17231GeV σ=0.25 x 10^-3
gold.p


Entries 445563
Mean x −0.0043
Mean y 0.001061
Std Dev x 0.00778
Std Dev y 0.01867


Sieve_Selected_th_ph
Entries 33056
Mean x −0.001103
Mean y 0.0002949
Std Dev x 0.0008339
Std Dev y 0.001285
L.gold.ph


C-12 gold.p
C-12 p.ground
Entries 32372
Mean 2.177
Std Dev 0.0004327
gold.p


C-12 gold.p
C-12 p.first
Entries 32372
Mean 2.172
Std Dev 0.0008325
gold.p

A	B	C	D	E	F	G	H	I	J	K
ID	RUN #L	RUN #L	Target	run Typle	Raster	Sieve	beam E	centrol p #L	centrol p # R	Momenrtum Difference
								Prob*0.95282/0.33930	lag)-1.6e-03*(Mag)*(Mag)*(Mag)	
1	2570	21646	Carbon-0.25%	dp/p=-2%	OFF	IN	2176.15	2.141245782	2.144724742	0.16%
2	2569	21645	Carbon-0.25%	dp/p=-2%	OFF	IN	2176.06	2.141245782	2.144746334	0.16%
3	2568	21644	Carbon-0.25%	dp/p=-2%	OFF	IN	2176.09	2.141526897	2.144776022	0.15%
4	2567	21643	Carbon-0.25%	dp/p=-2%	OFF	IN	2175.96	2.141526897	2.144819206	0.15%
5	2566	21642	Carbon-0.25%	dp/p=-2%	OFF	IN	2175.95	2.141245782	2.145027027	0.18%
6	2565	21641	Carbon-0.25%	dp/p=-1%	OFF	IN	2175.91	2.162610451	2.166696832	0.19%
7	2564	21640	Carbon-0.25%	dp/p=-1%	OFF	IN	2176.19	2.162610451	2.166696832	0.19%
8	2563	21639	Carbon-0.25%	dp/p=-1%	OFF	IN	2175.66	2.162891565	2.166699531	0.18%
9	2562	21638	Carbon-0.25%	dp/p=-1%	OFF	IN	2176.16	2.162610451	2.16679939	0.19%
10	2561	21637	Carbon-0.25%	dp/p=-1%	OFF	IN	2176.07	2.162891565	2.166829078	0.18%
11	2560	21636	Carbon-0.25%	dp/p=+1%	OFF	IN	2176.05	2.19718748	2.210331814	0.59%
12	2559	21635	Carbon-0.25%	dp/p=+1%	OFF	IN	2176.15	2.19718748	2.210321019	0.59%
13	2558	21634	Carbon-0.25%	dp/p=+1%	OFF	IN	2176.27	2.196906366	2.210310223	0.61%
14	2557	21633	Carbon-0.25%	dp/p=+1%	OFF	IN	2176.27	2.19718748	2.210240055	0.59%
15	2556	21632	Carbon-0.25%	dp/p=+1%	OFF	IN	2176.27	2.19718748	2.210137501	0.59%
16	2554	21630	Carbon-0.25%	dp/p=nominal	OFF	IN	2176.05	2.185099576	2.188560457	0.16%
17	2553	21629	Carbon-0.25%	dp/p=nominal	OFF	IN	2176.04	2.185099576	2.188557758	0.16%
18	2552	21628	Carbon-0.25%	dp/p=nominal	OFF	IN	2175.4	2.185099576	2.188557758	0.16%
19	2551	21627	Carbon-0.25%	dp/p=nominal	OFF	IN	2175.68	2.18538069	2.188560457	0.15%
20	2550	21626	Carbon-0.25%	dp/p=nominal	OFF	IN	2175.54	2.185099576	2.188563156	0.16%
21	2545	21625	Carbon-0.25%	dp/p=0%	OFF	IN	2175.38	2.18538069	2.188563156	0.15%
22										
23										
24	2634	21699	Ca40		ON 2			2.185099576	2.188433611	0.15%