Charge normalized event counts

$145 < clusT < 155$

Slope after random events subtraction

LD2	$E_{max} > 1.2$
All KinC_x50_4 runs	-0.0074
Run 3104 & 3105	0.0029

Charge normalized event counts

NPS.cal.nclust ==1

	clusE[0]	clusE[1]	clusE[2]	clusE[3]
7	0.106379	0.95718 0	0	
11	0.576846	0.192424	0.0248737	0.448073
25	0.912263	0 0	0	
27	0.343321	0.243803	0 0	
47	0.564033	0 0	0	
51	0.0730385	0 0	0	
57	0.839486	0 0	0	
60	0.123109	0.162467	0.368234	0.290013
79	0.0771554	0 0	0	

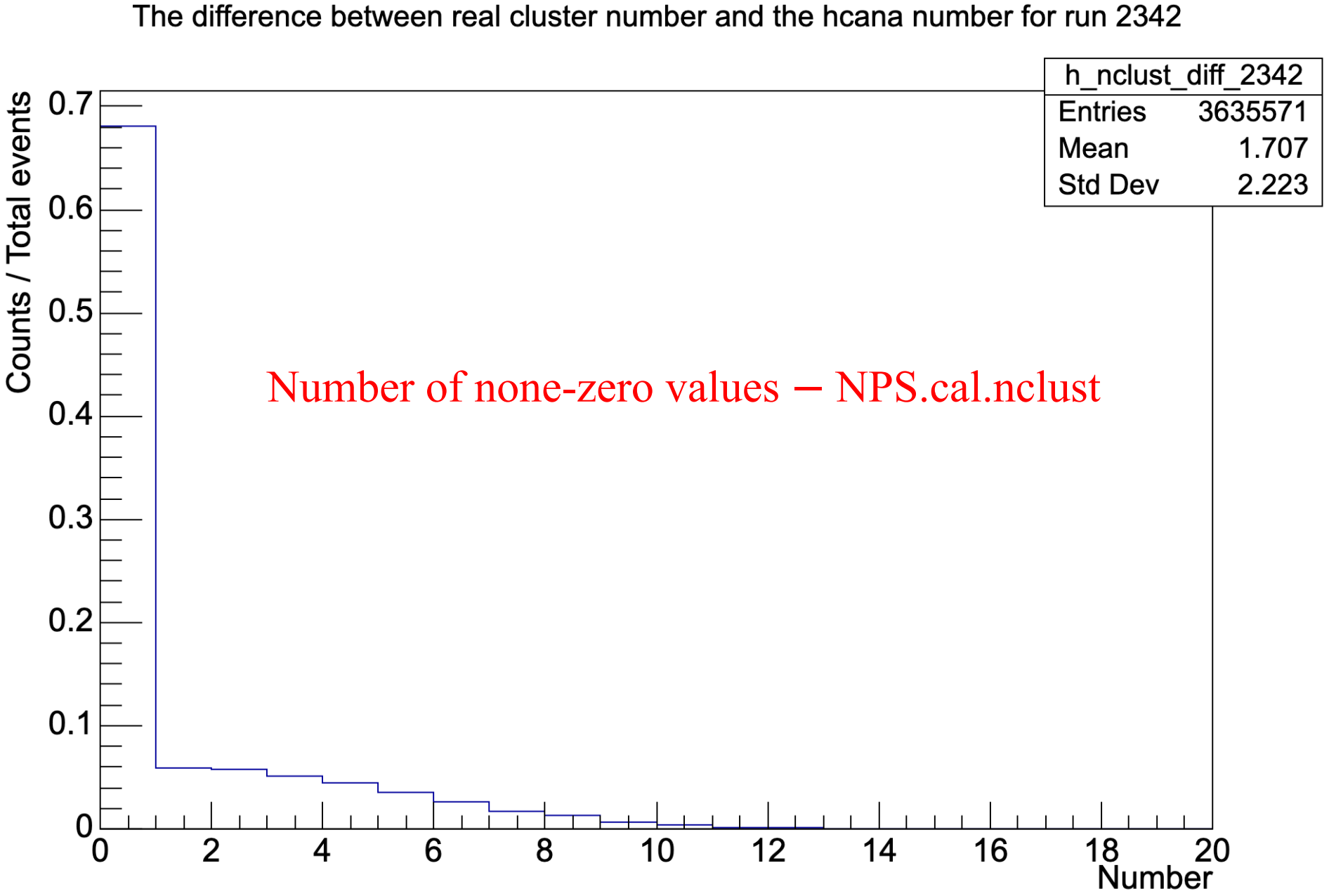
Some events have more none-zero values than NPS.cal.nclust branch shows

6	0.428526	0.95718 0	0	
7	0.106379	0.95718 0	0	
8	0.603967	0.0778843	0.887221	0.0745817
9	0.362658	0.97829 0.110043	0.223878	
10	1.16217 0.192424	0.0248737	0.448073	
11	0.576846	0.192424	0.0248737	0.448073
12	1.21506 0.427328	0.0248737	0.448073	
13	1.71951 0.613824	0.150904	0.234347	
14	0.734248	2.66011 0.154423	0.234347	

But those unexpected none-zero values are absolutely the same values as the previous event

I set all the values in the array to be 0 at the end of each event, so those numbers are indeed from the root file…
And it happens randomly (I suppose).

Charge normalized event counts

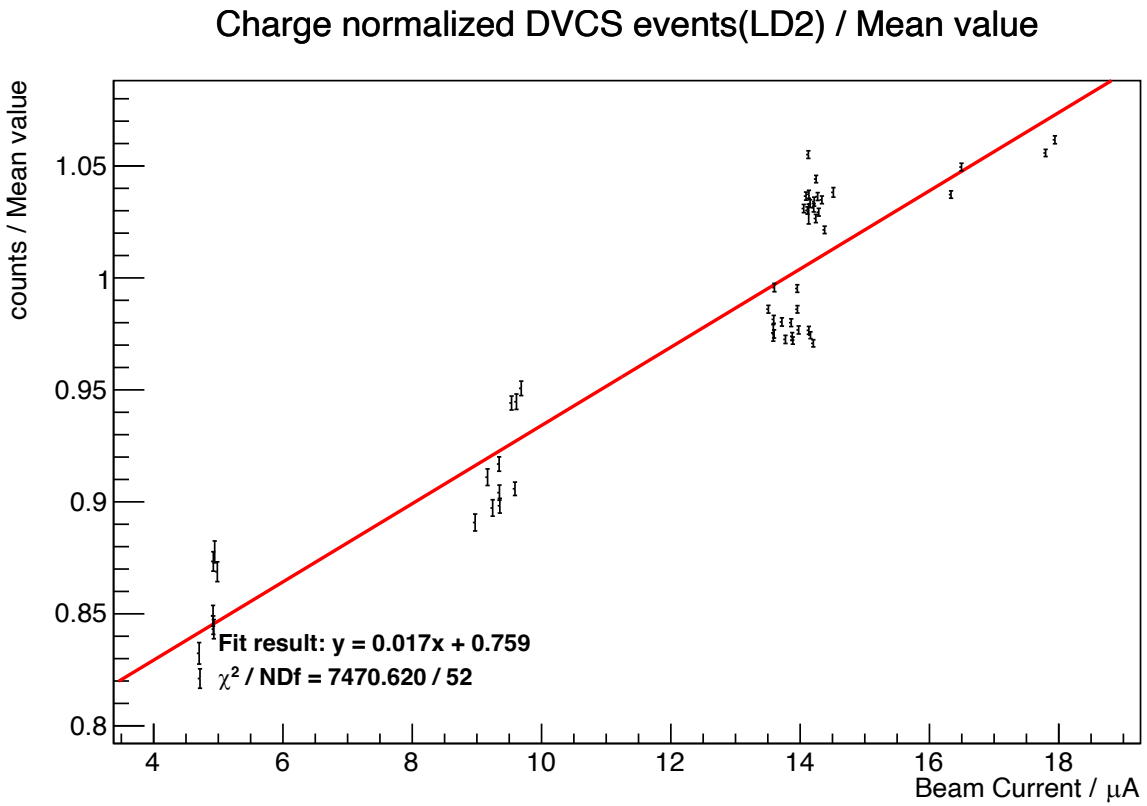


Charge normalized event counts

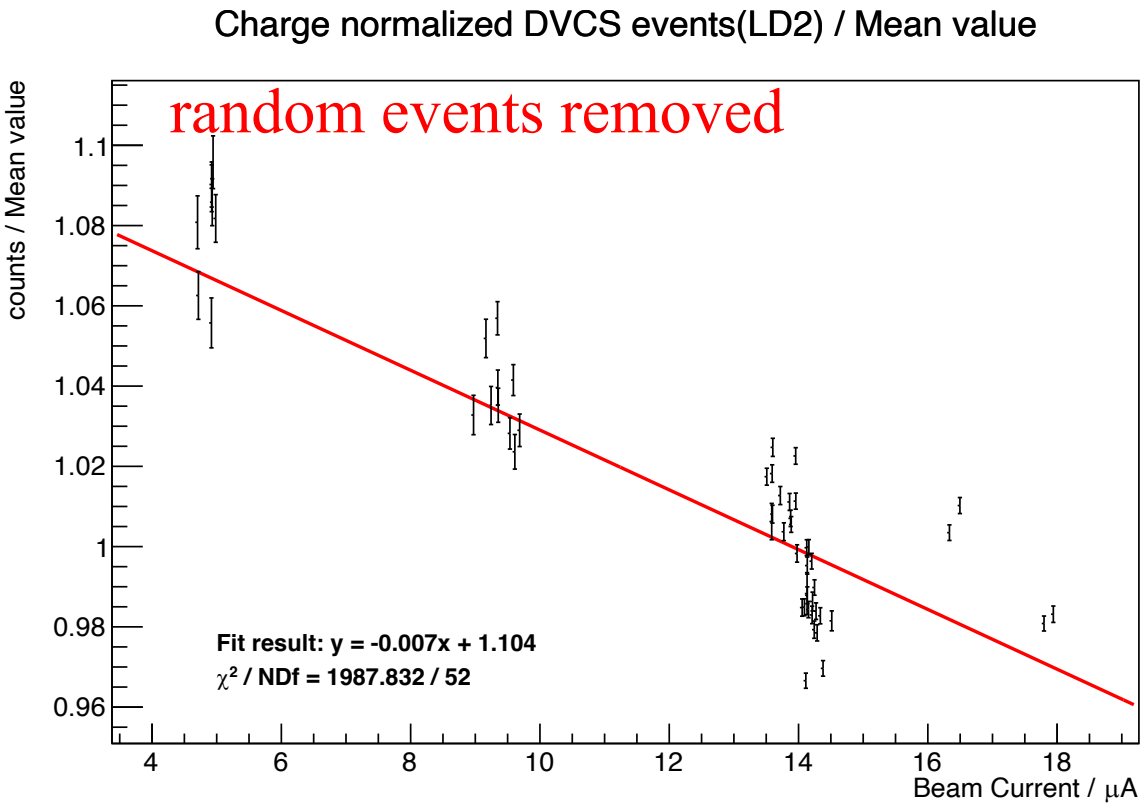
LD2, $145 < clusT < 155$

Using NPS.cal.nclust

Only ps6 production good runs



$clusE_{max} > 1.2$



$clusE_{max} > 1.2$

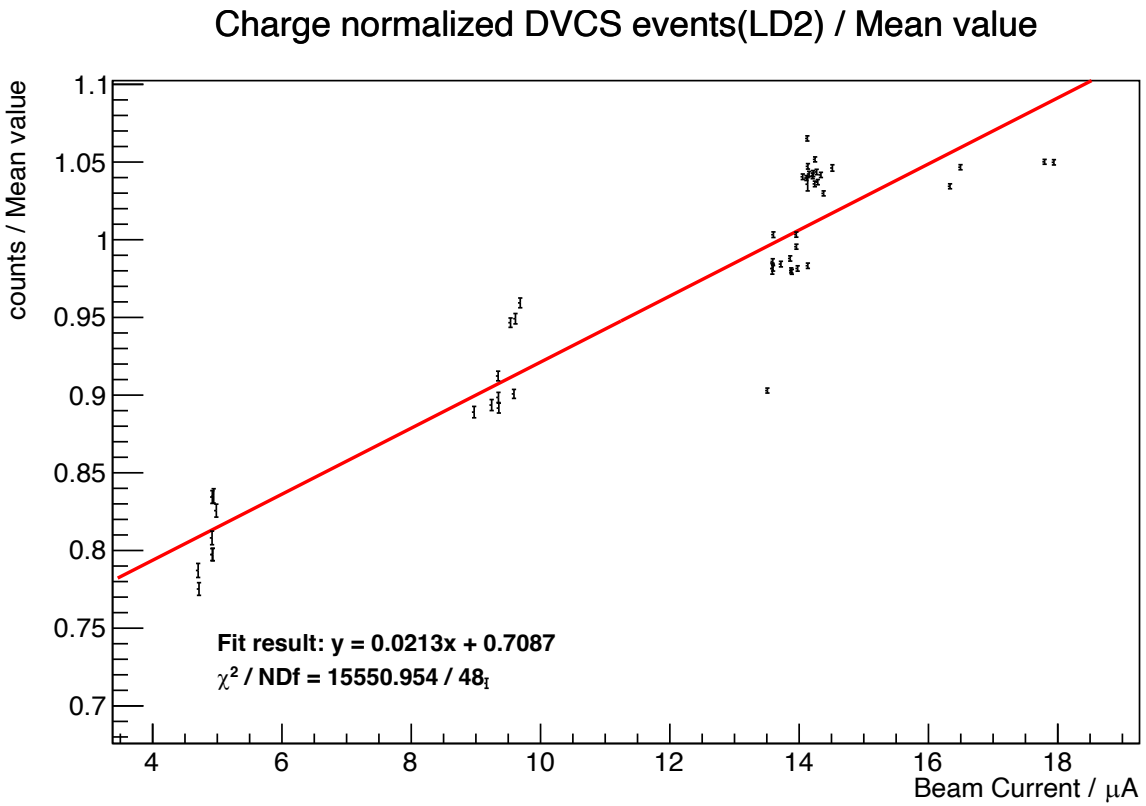
KinC_x50_4

Random events: $135 < clusT < 145$ and $155 < clusT < 165$

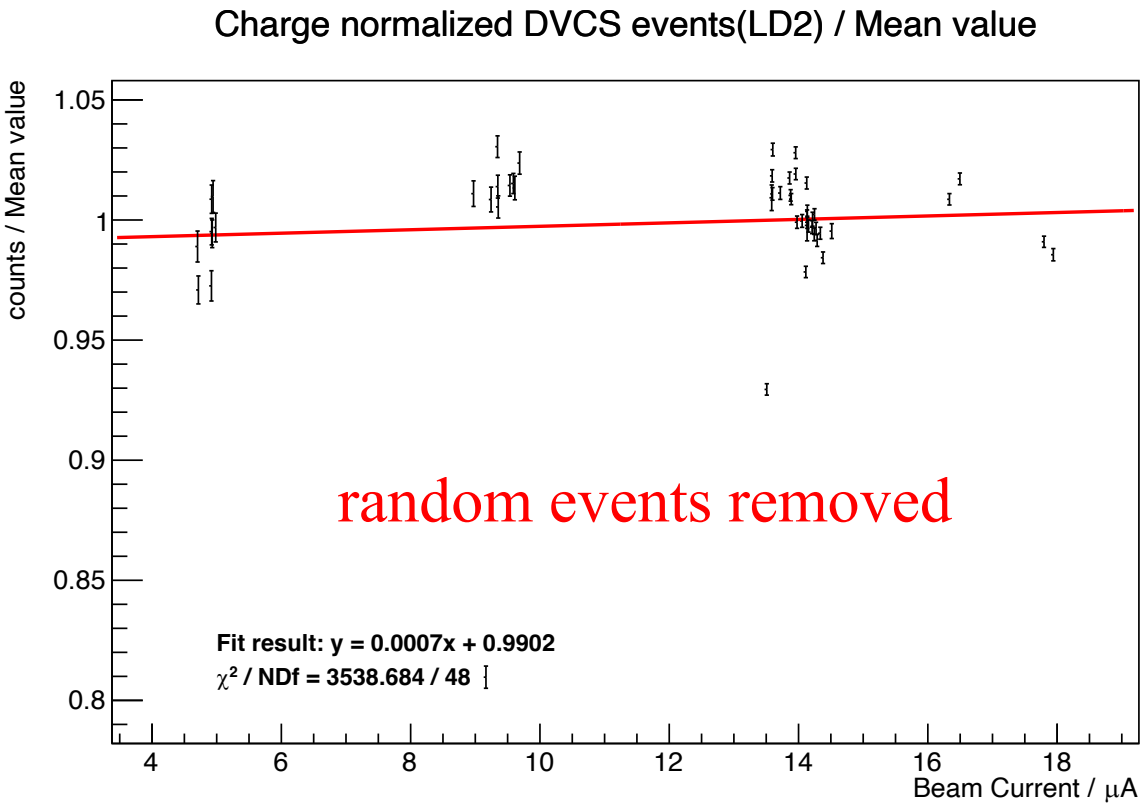
Charge normalized event counts

LD2, $145 < clusT < 155$

Using all the none-zero values Only ps6 production good runs



$clusE_{max} > 1.2$



$clusE_{max} > 1.2$

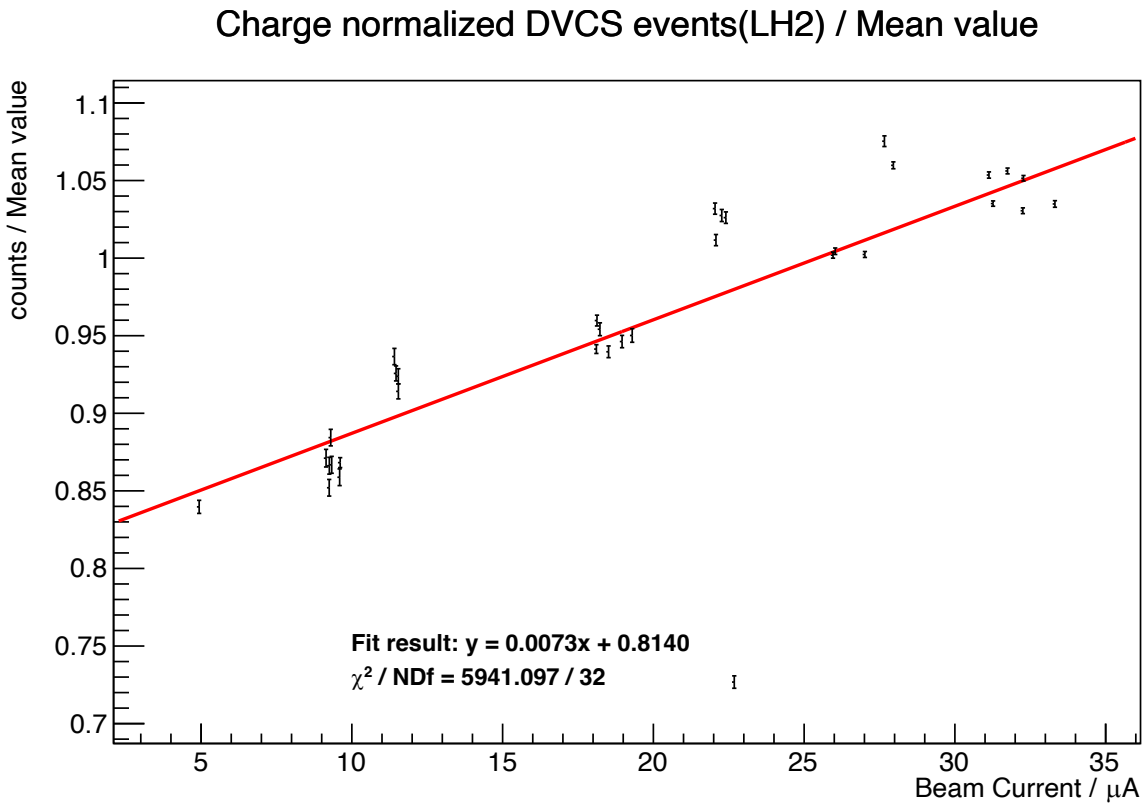
KinC_x50_4

Random events: $135 < clusT < 145$ and $155 < clusT < 165$

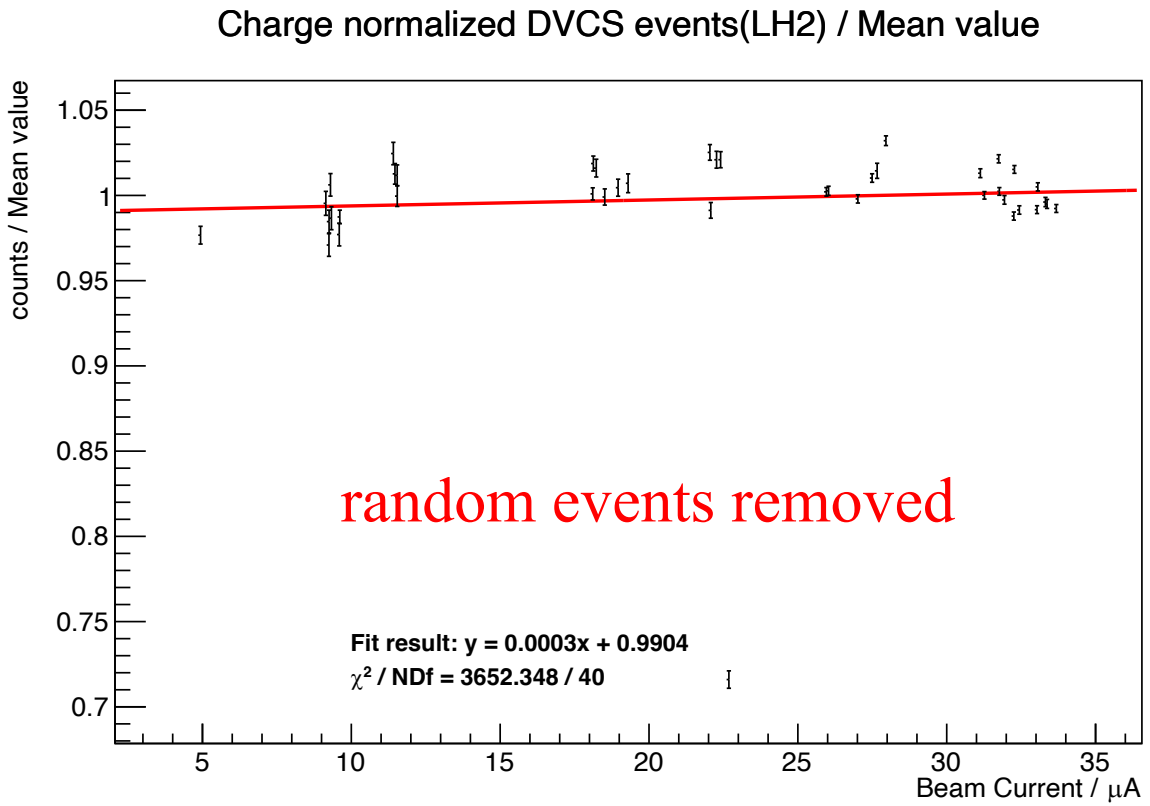
Charge normalized event counts

LH2, $145 < clusT < 155$

Using all the none-zero values Only ps6 production good runs



$clusE_{max} > 1.2$



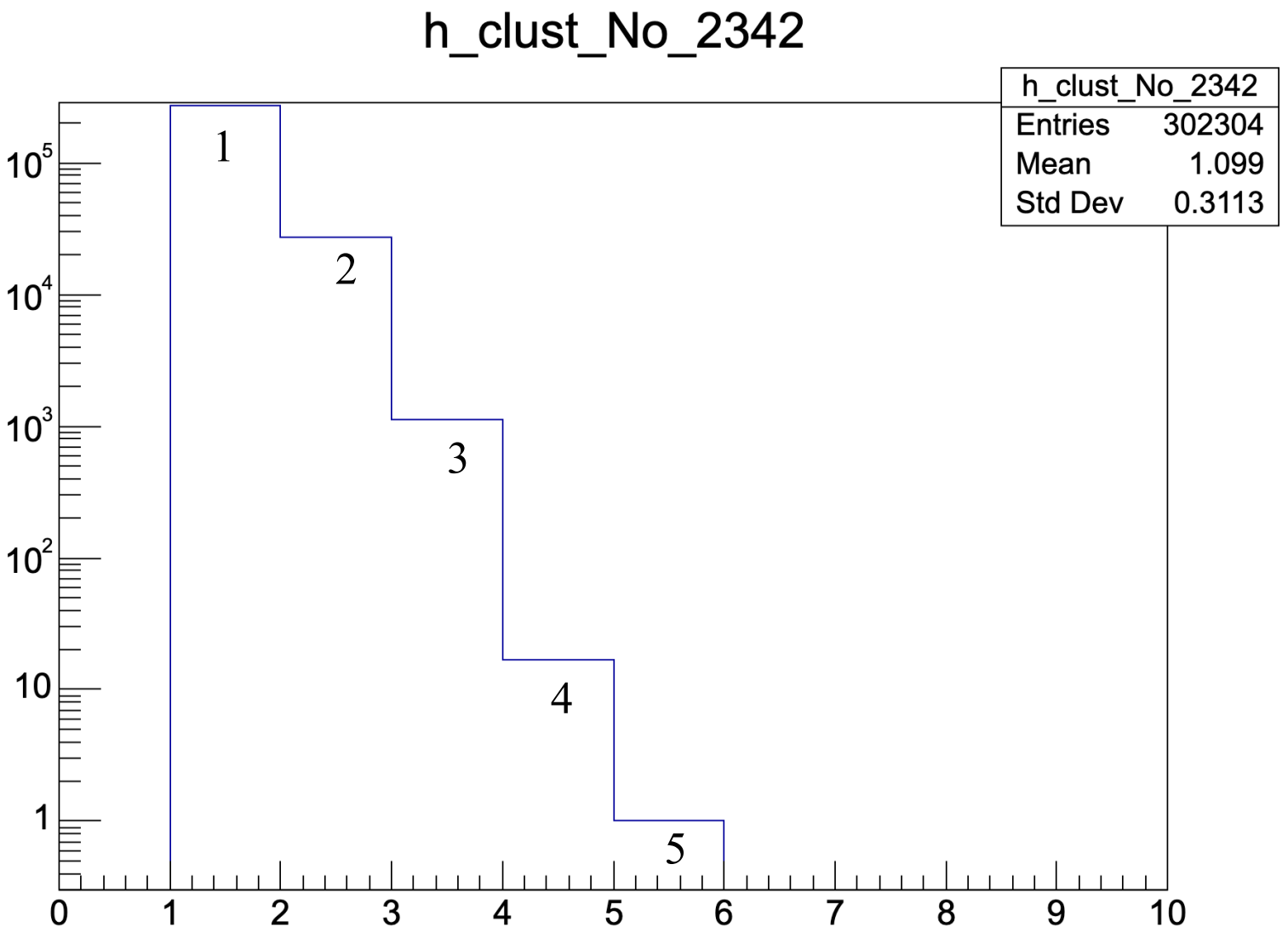
$clusE_{max} > 1.2$

KinC_x50_4

Random events: $135 < clusT < 145$ and $155 < clusT < 165$

Charge normalized event counts

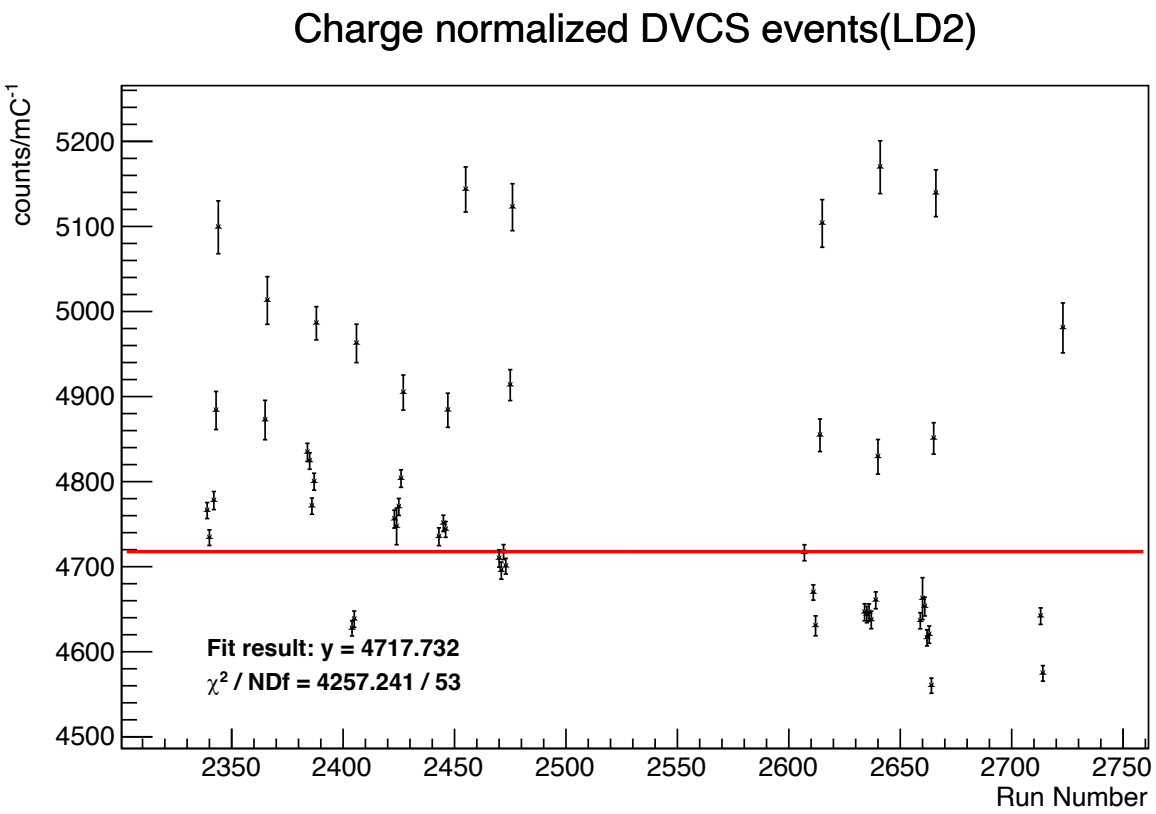
of good clusters (good time and E>1.2) for each event when $clusE_{max} > 1.2$



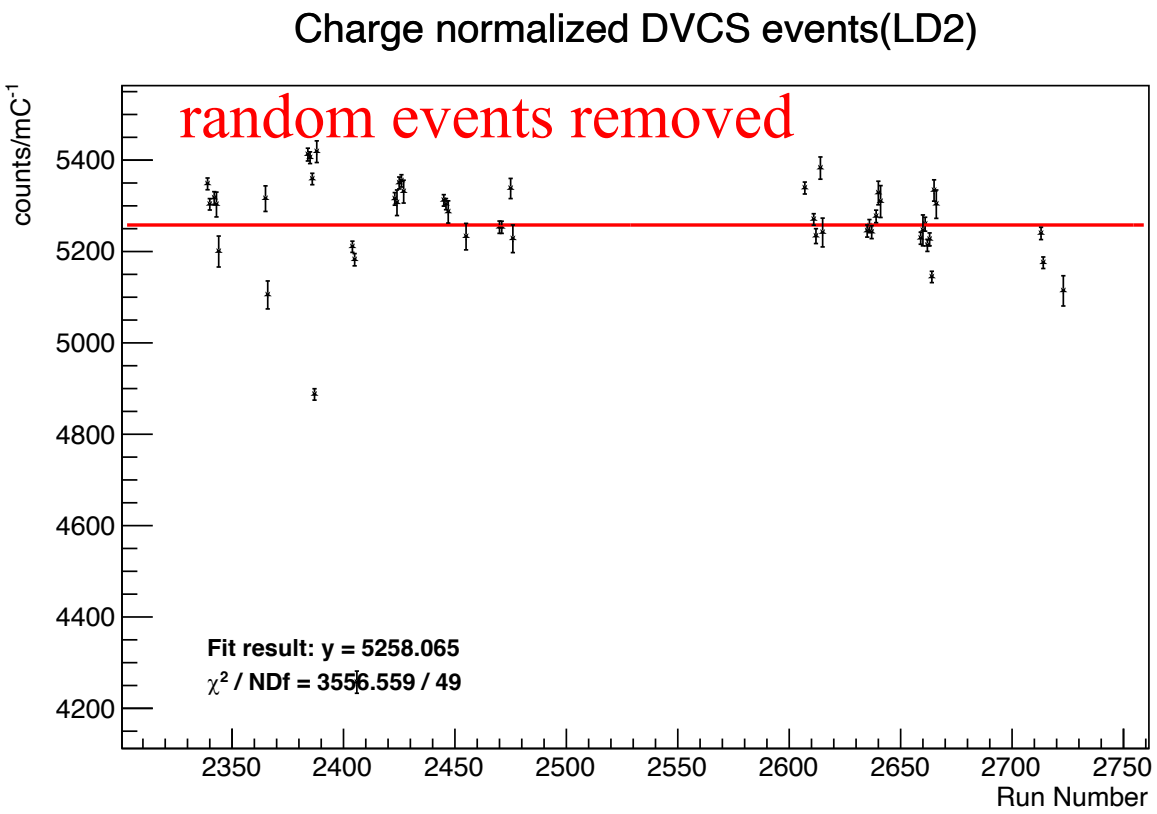
Using all the none-zero values

Charge normalized event counts

LH2, 145 < *clus*T < 155



Using NPS.cal.nclust



Using all the none-zero values

KinC_x50_4

Random events: 135 < *clus*T < 145 and 155 < *clus*T < 165