Subject: Re: AGATA particle-gamma time
Posted by thuyuk on Tue, 22 Jul 2014 08:56:53 GMT
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Hi Michael,

Thank you very much for the detailed description.

This is how the timedifference.dat peak looks like:

Regarding to the particle-gamma time from the MHTDC, I already aligned them for each crystal by setting the offset, and they look like this:

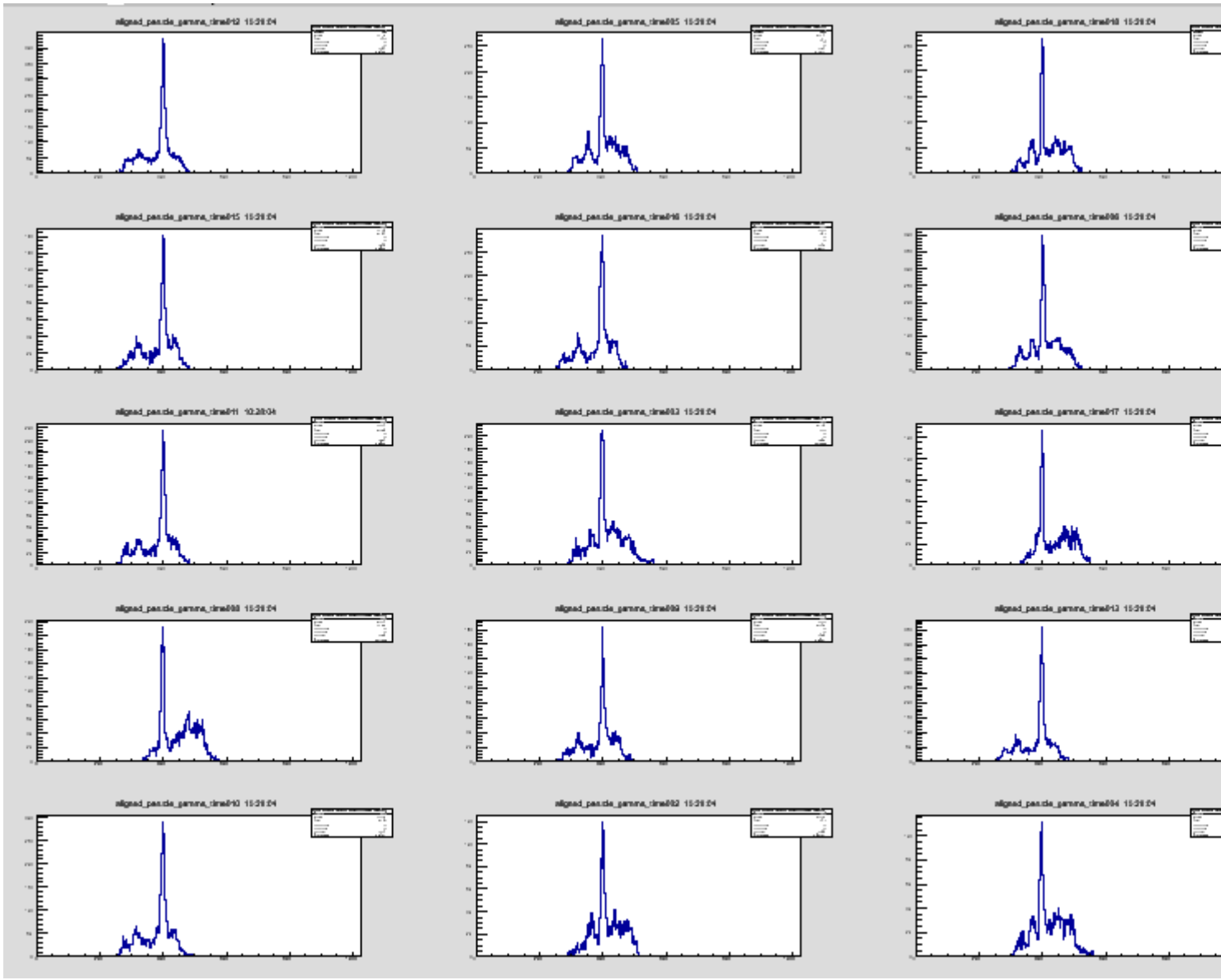
So, I'm sorry if I was not being clear in my previous mail, but the strange structure is due to the contribution from each crystal, i.e. in some cases the peak is on the left hand side of the distribution and in the others on the right hand side. The superposition of the spectra from 19 crystals produces the spectrum that I have put in my previous post.

The lines you suggested me were already in the config file, and the energy gate was set to: 565 - 3000. It's 3 times wider than you have suggested but it is still below the saturation bump and above the low energy region.

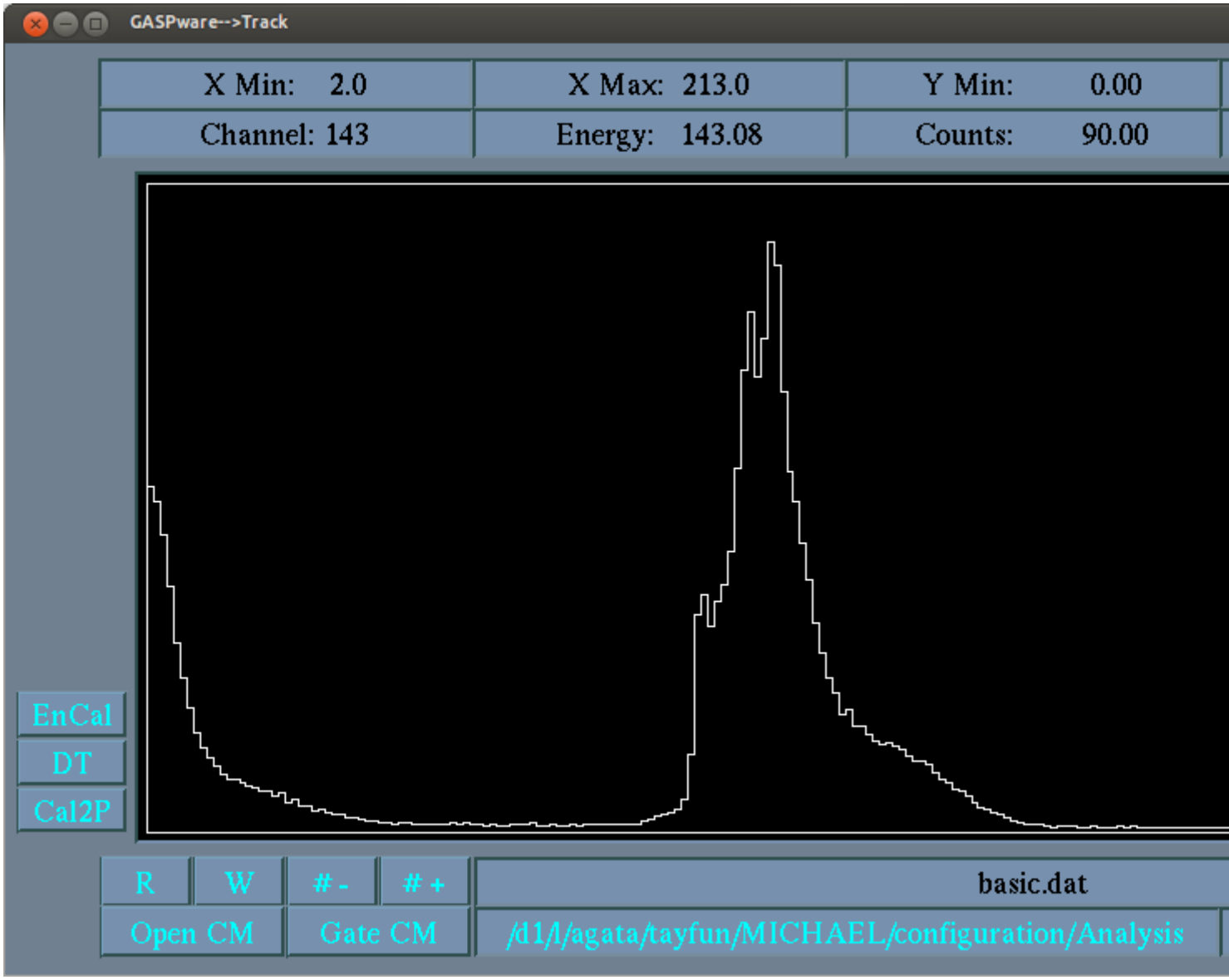
Cheers,
Tayfun

File Attachments

1) mhtdc_pgt_align.png, downloaded 1410 times



2) Screenshot from 2014-07-22 10:55:18.png, downloaded 1422 times


GASPware-->Track
X Min: 2.0
X Max: 213.0
Y Min: 0.00
Channel: 143
Energy: 143.08
Counts: 90.00
EnCal
DT
Cal2P
R
W
-
+
basic.dat
Open CM
Gate CM
/d1/l/agata/tayfun/MICHAEL/configuration/Analysis