Subject: Re: AGATA particle-gamma time
Posted by thuyuk on Thu, 11 Sep 2014 13:54:30 GMT
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Hi Michael,

The trigger condition didn't make any difference.

On the other hand, I'm trying to put a condition on the particle-gamma time to select the "coul-ex peaks". I'm using the time from the MHTDC. You may see E_g vs MHTDC 2D spectrum below:

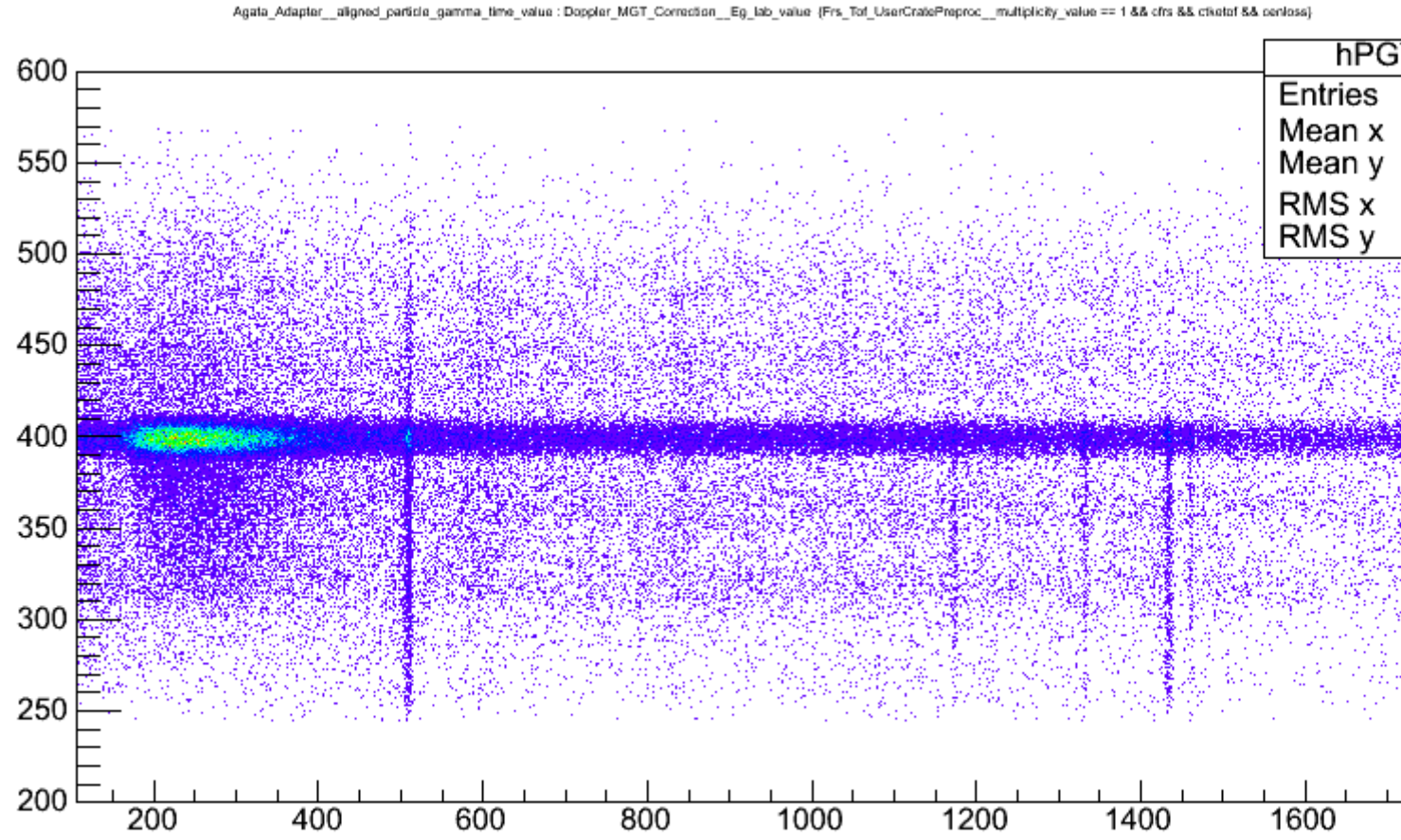
The energy is without Doppler correction.

What I don't understand is that we suppose to have the BG peaks equally distributed, but as you can see in the picture that they are concentrated on the p-g time prompt peak, which also makes life more difficult to clear the gamma spectrum. So, why do we have them concentrated in there while we suppose to get them distributed, and why are they found between 250 to 400 region but not in the opposite part?

Thank you!
Tayfun

File Attachments

1) pg-mhtdc.png, downloaded 1408 times


Agata_Adapter__aligned_particle_gamma_time_value : Doppler_MGT_Correction__Eg_lab_value (Frs_Tof_UserCratePreproc__multiplicity_value == 1 && cfrs && ctxtof && corloss)
hPG
Entries
Mean x
Mean y
RMS x
RMS y
600
550
500
450
400
350
300
250
200
200
400
600
800
1000
1200
1400
1600