
Subject: Re: Charged Hits in Neutral List
Posted by [Lu Cao](#) on Thu, 21 Aug 2014 14:21:57 GMT
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Hi Stefano,

I just looked into the PidCorrelator code and found some reasons for -1:

- * no MC or no MCindex found when ideal pid is used
 - * cluster energy below emc barrel threshold 20 MeV
 - * hit not come from emc or fsc
 - * no propagation at module when geane is used
-
- ** too low momenta (< 0.1) or too high momenta (> 15) // ?? why 0.1 GeV/c
 - ** track flag ≤ 0
 - ** no track info

And the "nearby" criteria of emcquality < 2500 is distinguishing the neutral candidate and the track-correlated hit. Then, the track-correlated hit will be constructed as a charged candidate. Do I understand it right?

Best regards,
Lu
