

-- AyelethDevir - 30 Aug 2006

A LVL1-True muon couple were considered a match by my algorithm only if the dR between them was smaller then 0.25.

- L1M_Couples_Data.eps: LVL1 Matching - LVL1-True muons couples distance and map

I tried to see if there was a connection between the two highest Pt true muons' opening angle (dR) and the amount of detected LVL1 muon candidates. I found that the the di-muon trigger prefers smaller opening angles for kinematic reasons. Also, I was looking for a connection between the the true muons Pt and their chanced of being detected, and I found that the higher their Pt is the bigger their chances are of being detected.

- L1M_Couples_Pt_Info_100bins.eps: LVL1 Matching - Pt Analysis
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This topic: Main > ThirdStep

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