



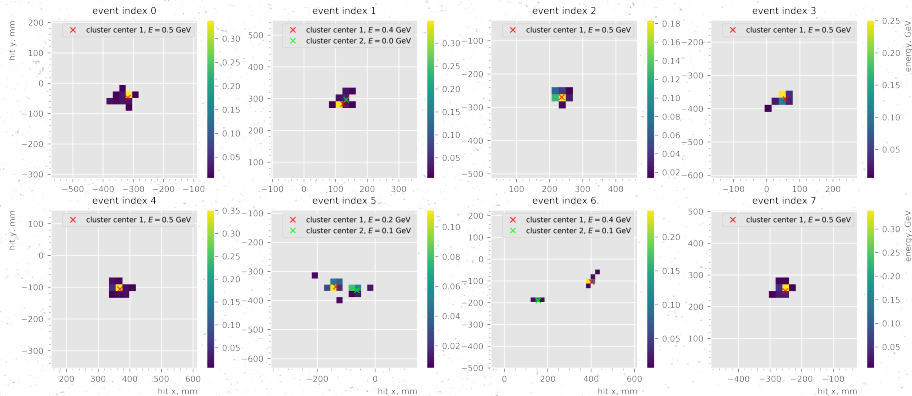
# Initial look at neutral pions in EEEMCal

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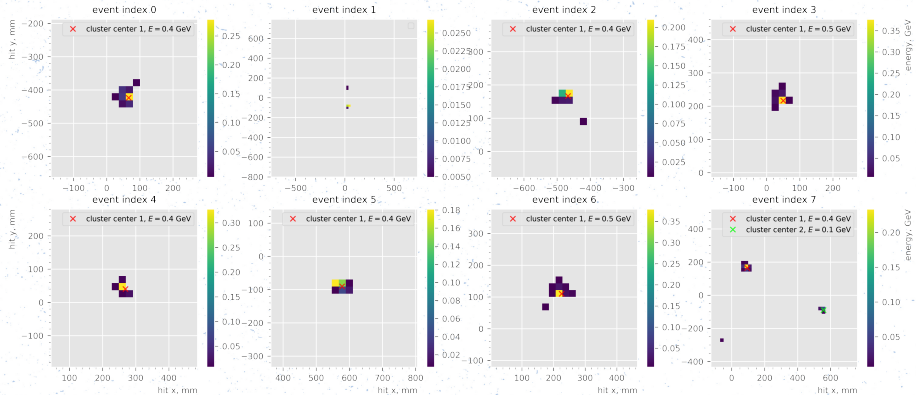
# Example events: 500 MeV, $\gamma$

24.07.0: 500MeV  $\gamma$



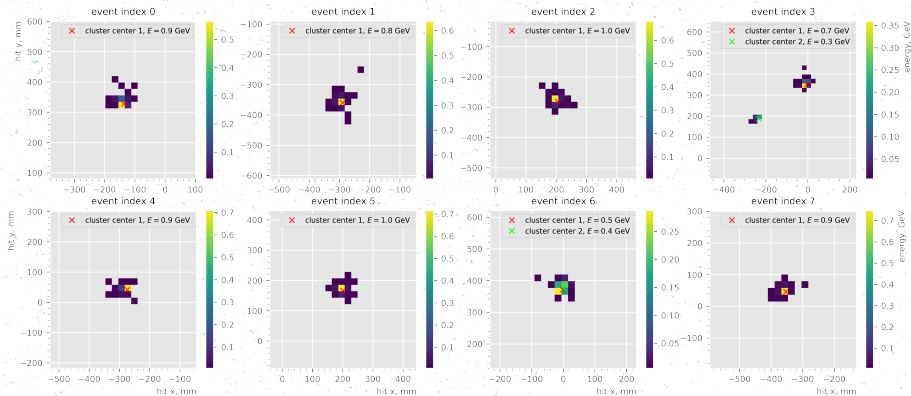
# Example events: 500 MeV, $\pi^0$

24.07.0: 500MeV  $\pi^0$



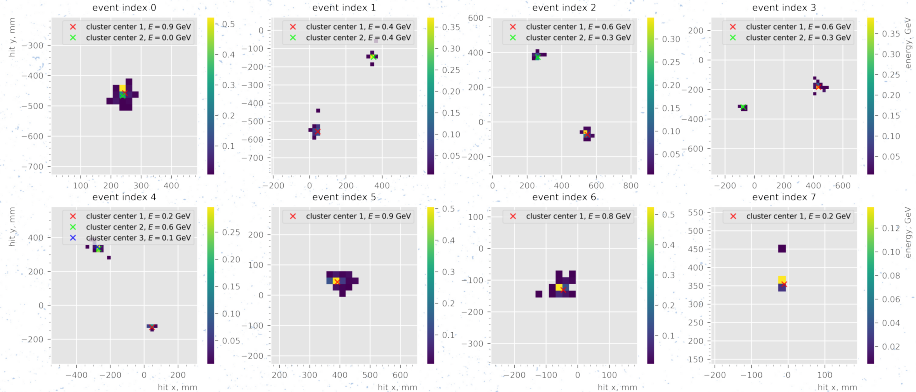
# Example events: 1 GeV, $\gamma$

24.07.0: 1GeV  $\gamma$



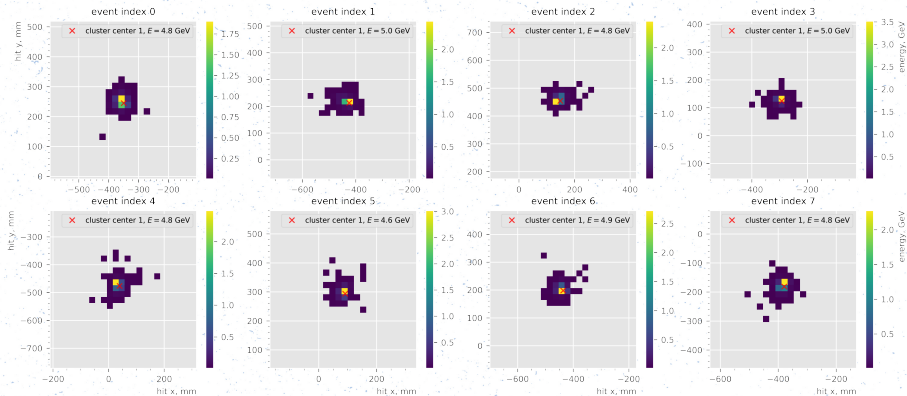
# Example events: 1 GeV, $\pi^0$

24.07.0: 1GeV  $\pi^0$



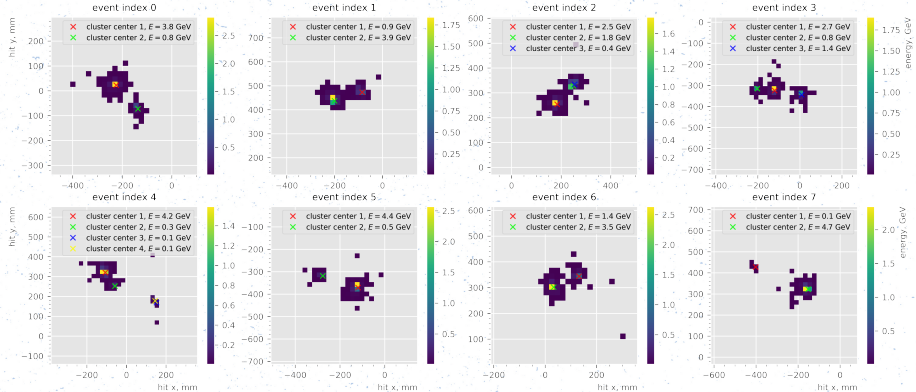
# Example events: 5 GeV, $\gamma$

24.07.0: 5GeV  $\gamma$



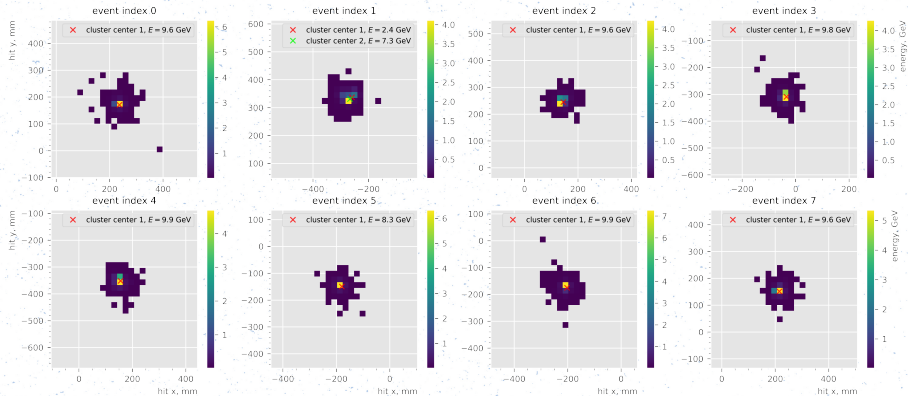
# Example events: 5 GeV, $\pi^0$

24.07.0: 5GeV  $\pi^0$



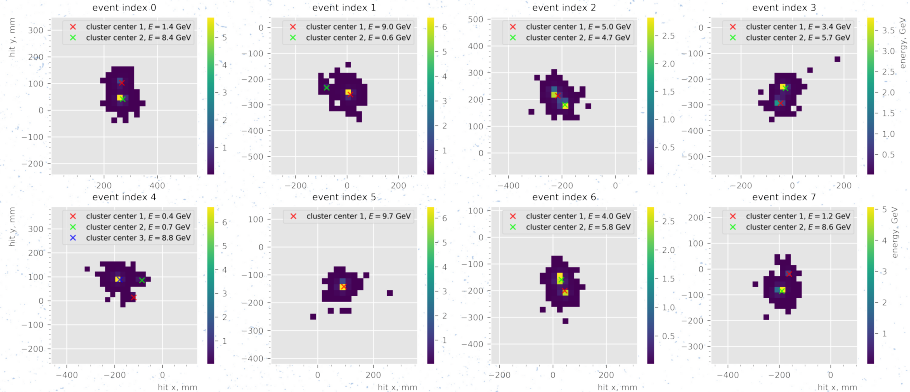
# Example events: 10 GeV, $\gamma$

24.07.0: 10GeV  $\gamma$



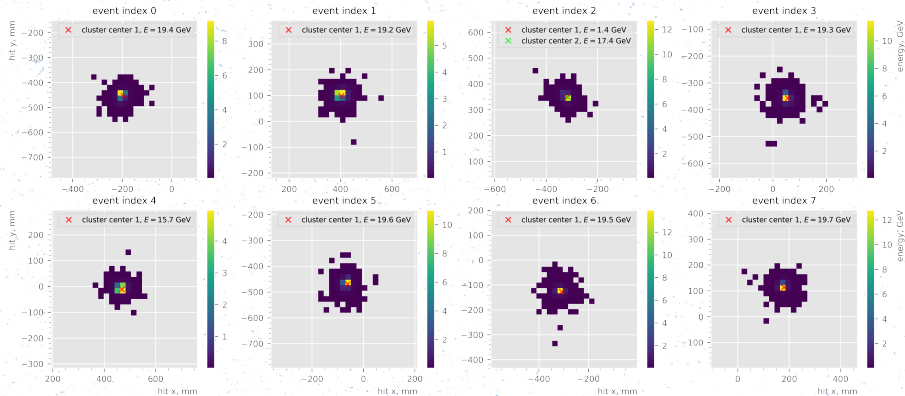
# Example events: 10 GeV, $\pi^0$

24.07.0: 10GeV  $\pi^0$



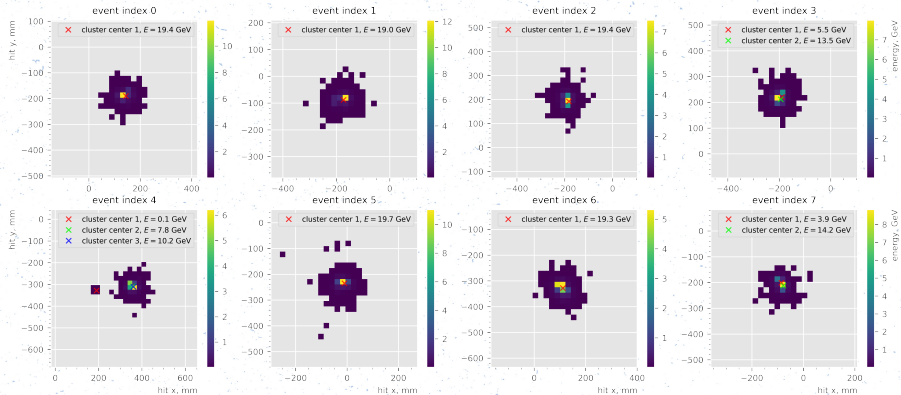
# Example events: 20 GeV, $\gamma$

24.07.0: 20GeV  $\gamma$



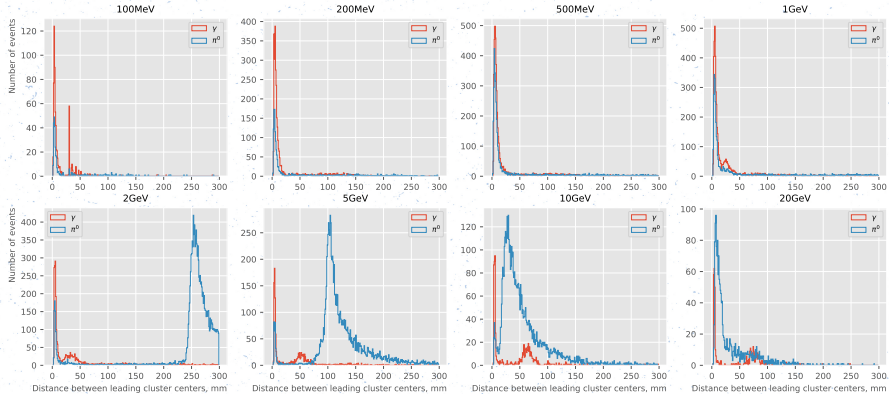
# Example events: 20 GeV, $\pi^0$

24.07.0: 20GeV  $\pi^0$



# Distance between (sub)clusters for $\gamma$ and $\pi^0$ events

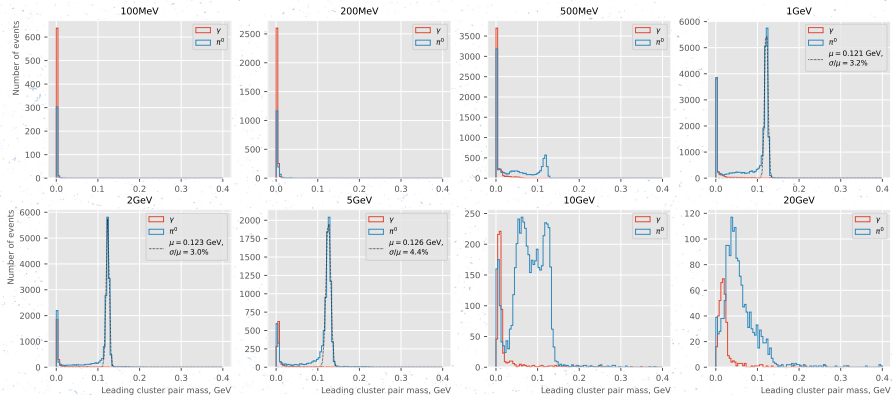
24.07.0



A strange moving peak for  $\gamma$

# Mass for leading (sub)cluster pairs for $\gamma$ and $\pi^0$ events

24.07.0



Great resolution for  $|\vec{p}|$  of 1-5 GeV with a most naive approach