

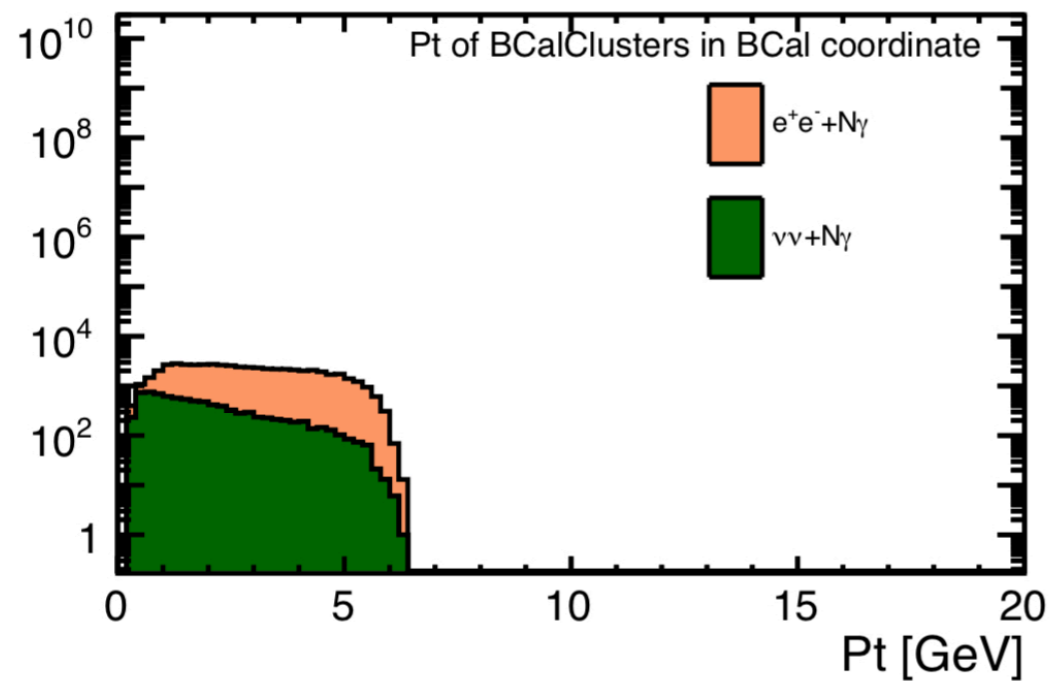
Monophoton

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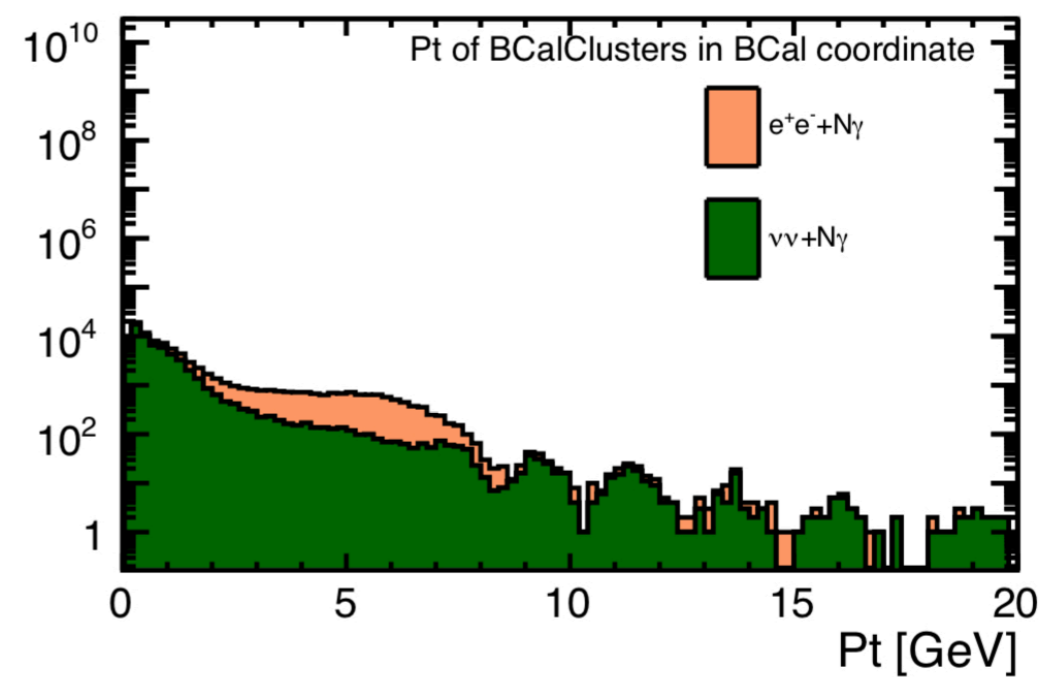
Bump structure

Pt in BCal

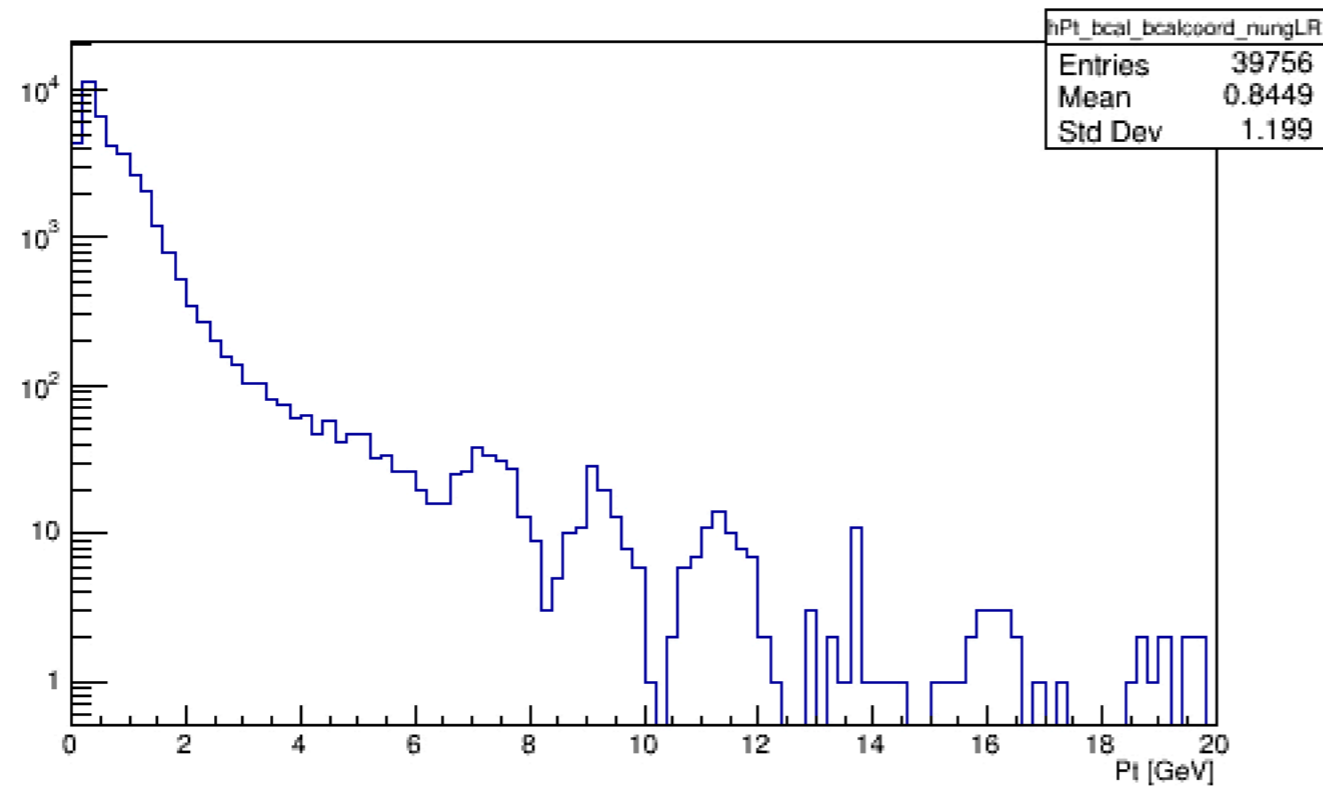
Moritz's sample



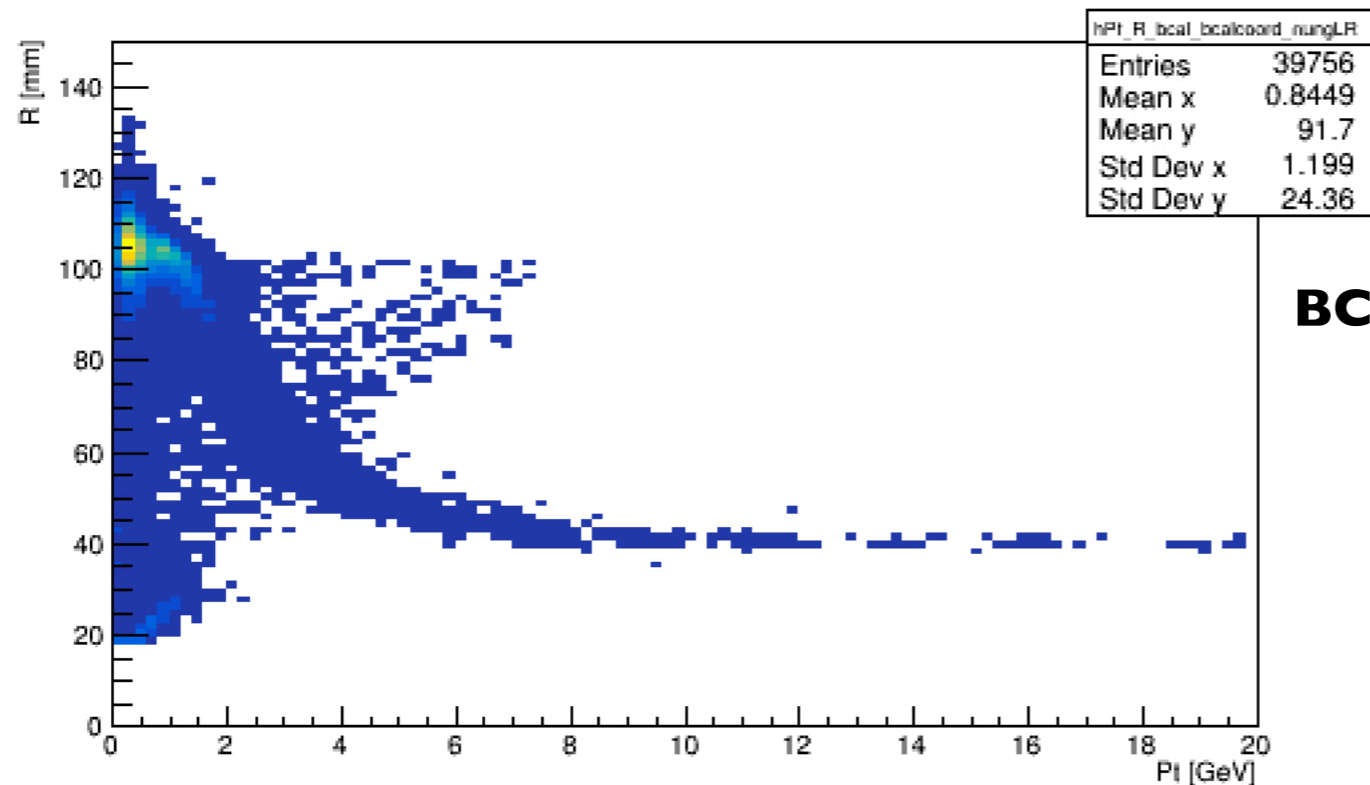
I5 sample



“bumpy” structure at $P_t > 6$ GeV



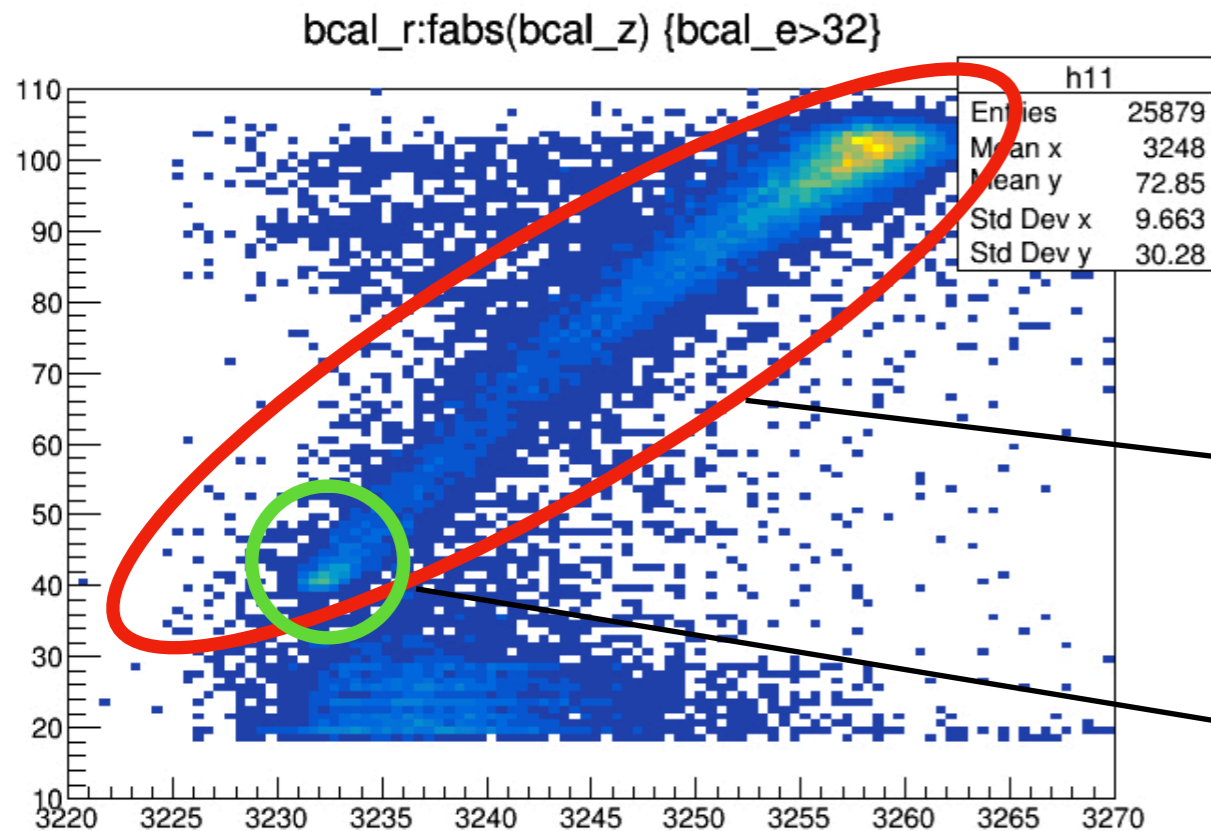
**Pt of BCal clusters
(Log scale)**



**BCal position (radius) vs Pt of BCal clusters
(Log scale)**

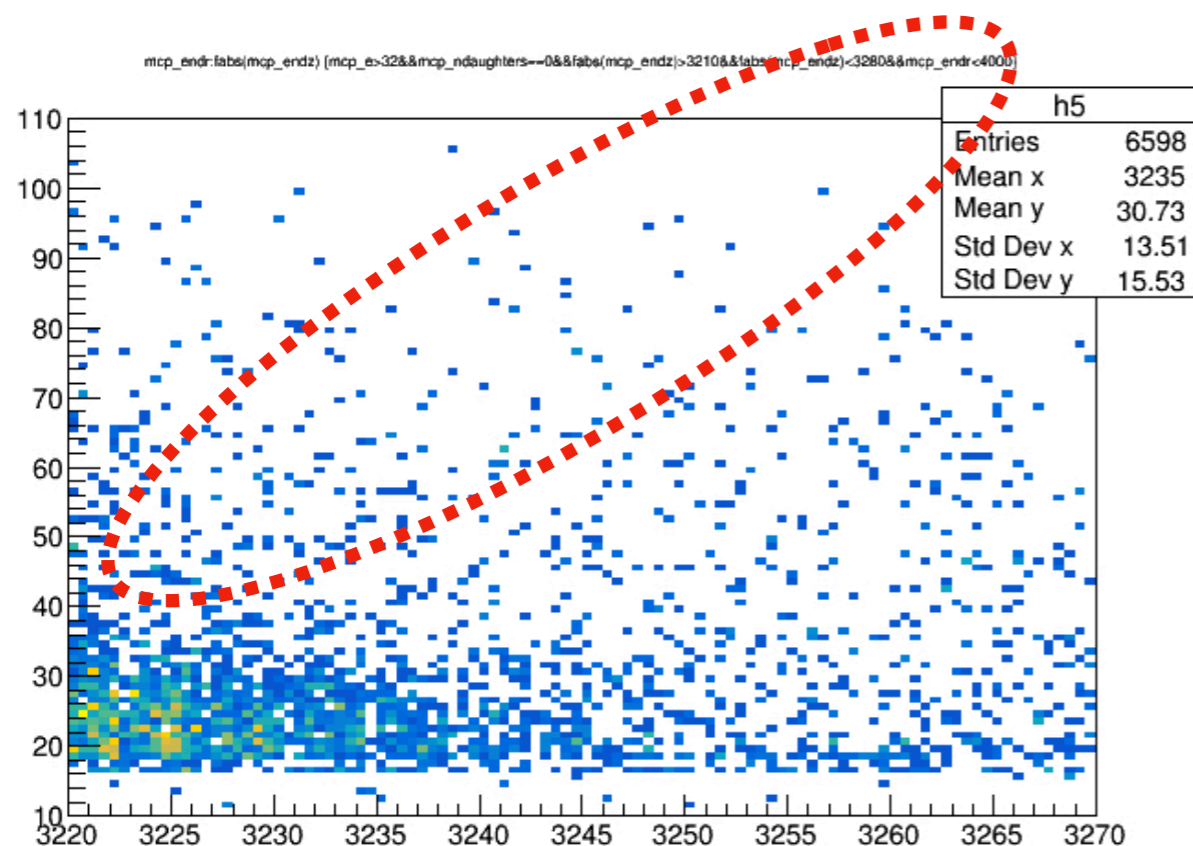
**It looks the tail always comes
from around $R=40$ mm.**

RZ distribution (BCal coordinate)



Bcal cluster position

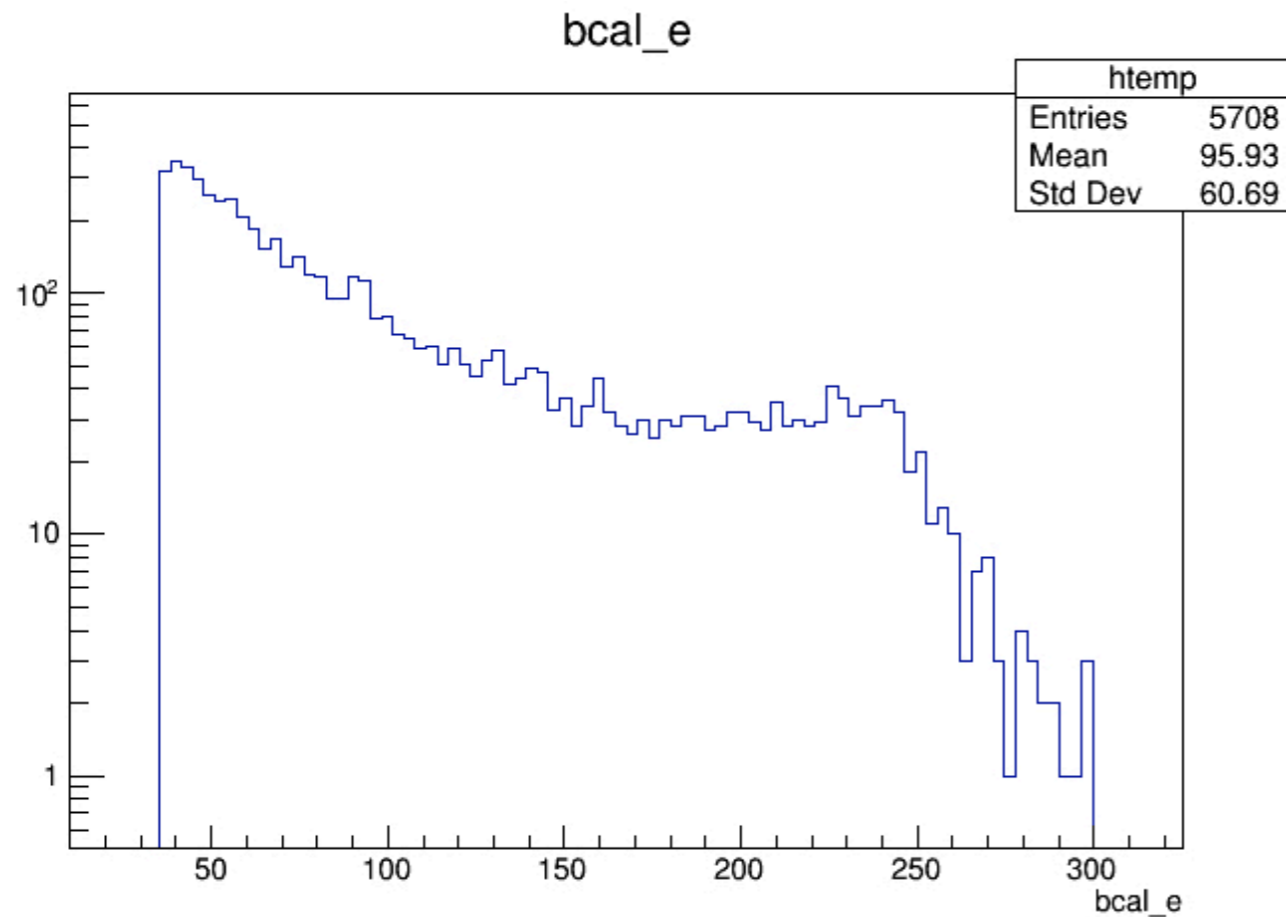
- This part looks to be originated from Bcal background map that has no MCParticle information (See the second scatter plot).
- Hits around R~40cm mainly come from this part.



MCParticle Endpoint

Another thing to be understood : BCal energy

Moritz's sample



I5 sample

