

pXp analysis

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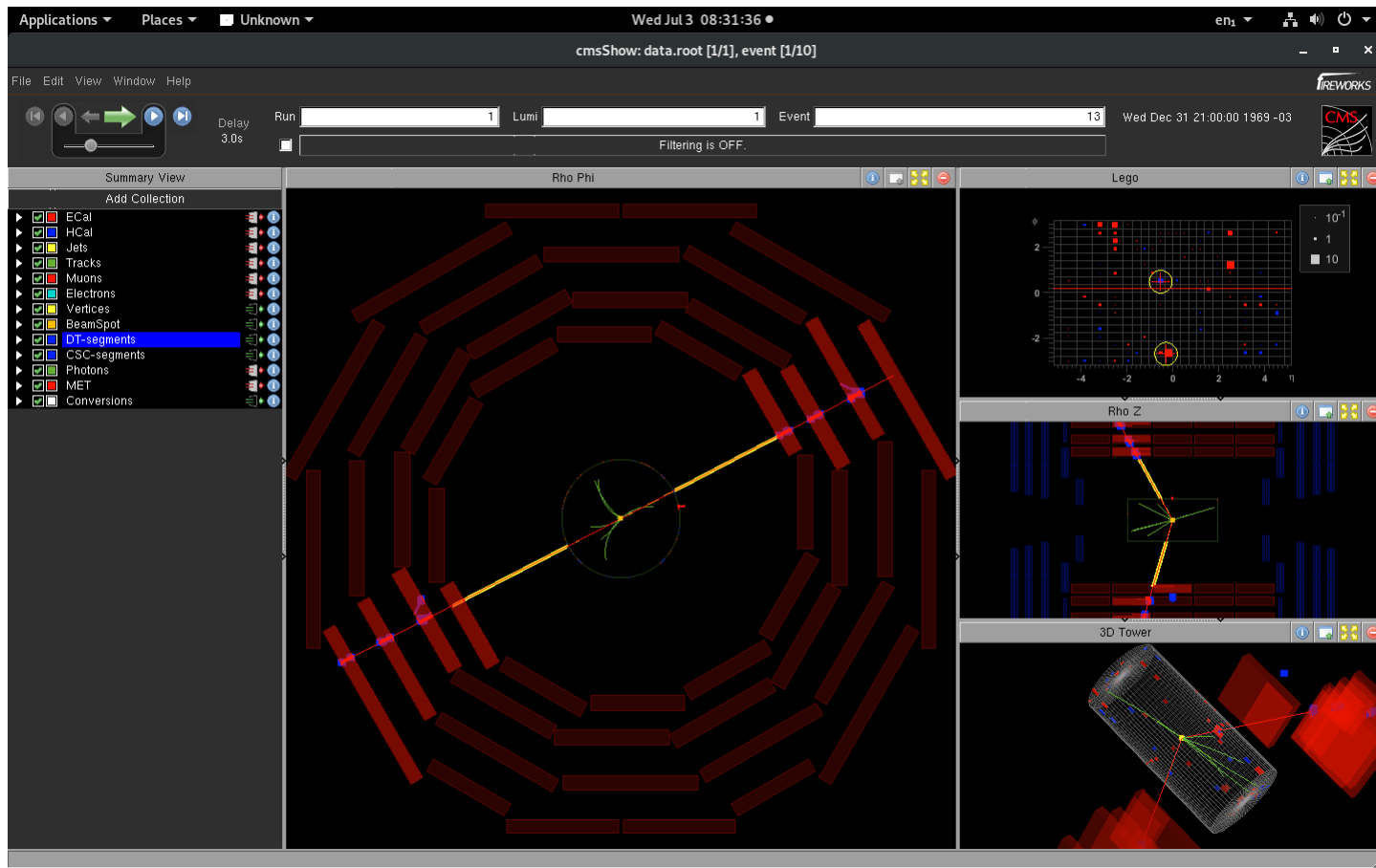
Tom McDowell, Cory Rude, Jane Nachtman (Iowa)

Mike Albrow (FNAL)

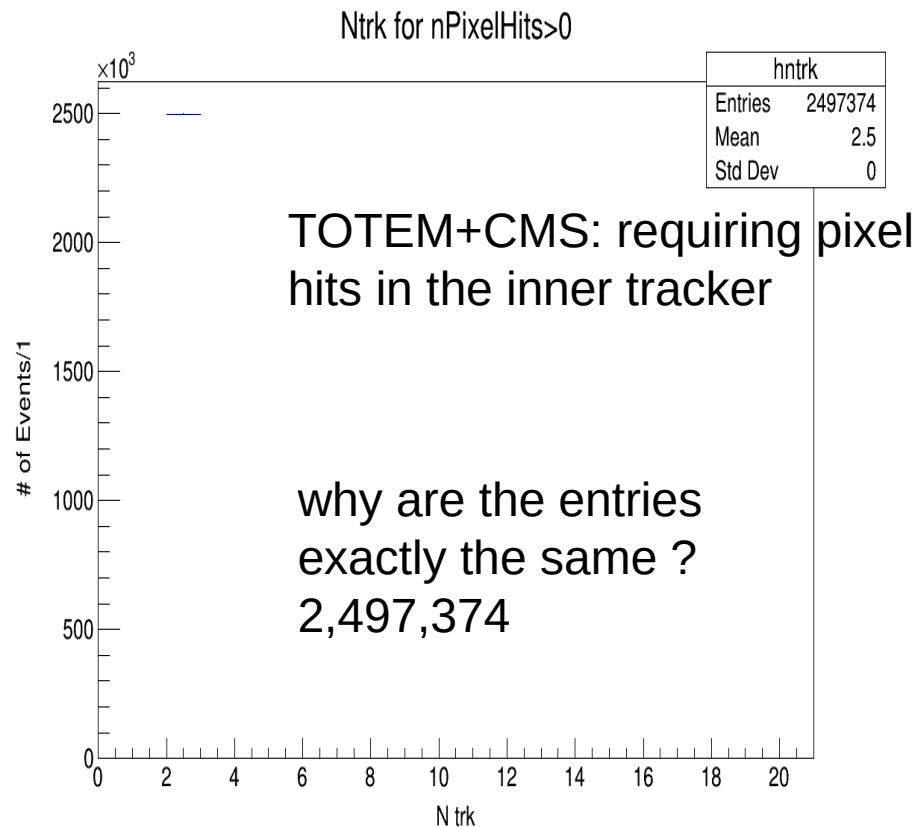
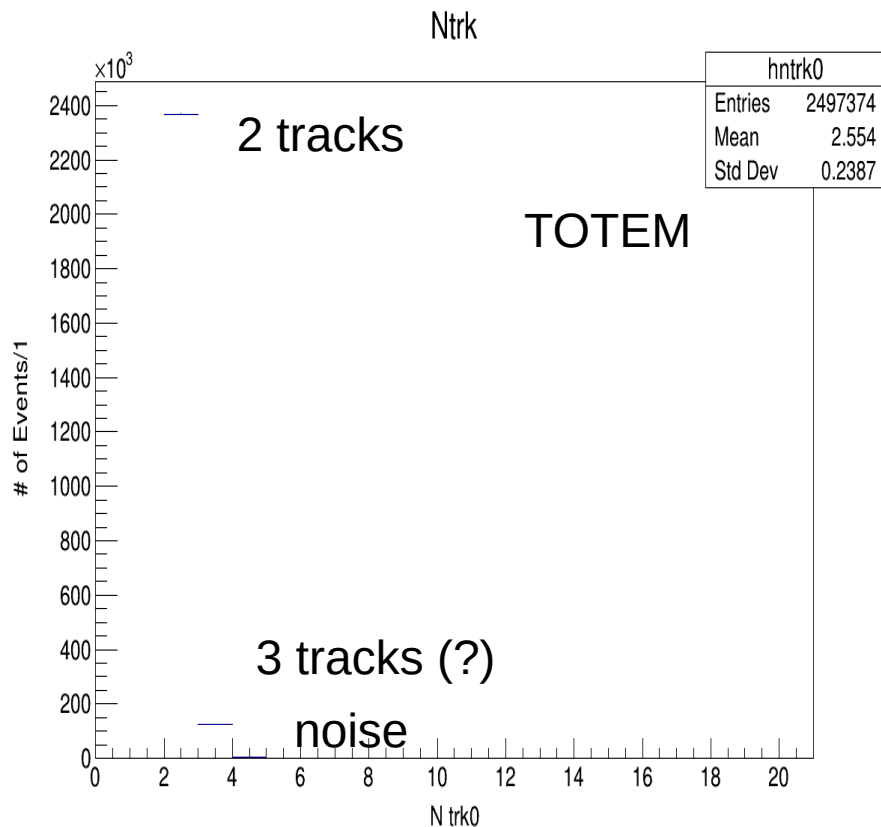
Overview

1. Fireworks – CMS 3D event display
2. Multiplicity
3. Balance of transverse momenta
4. Acceptance ϕ vs $|\eta|$

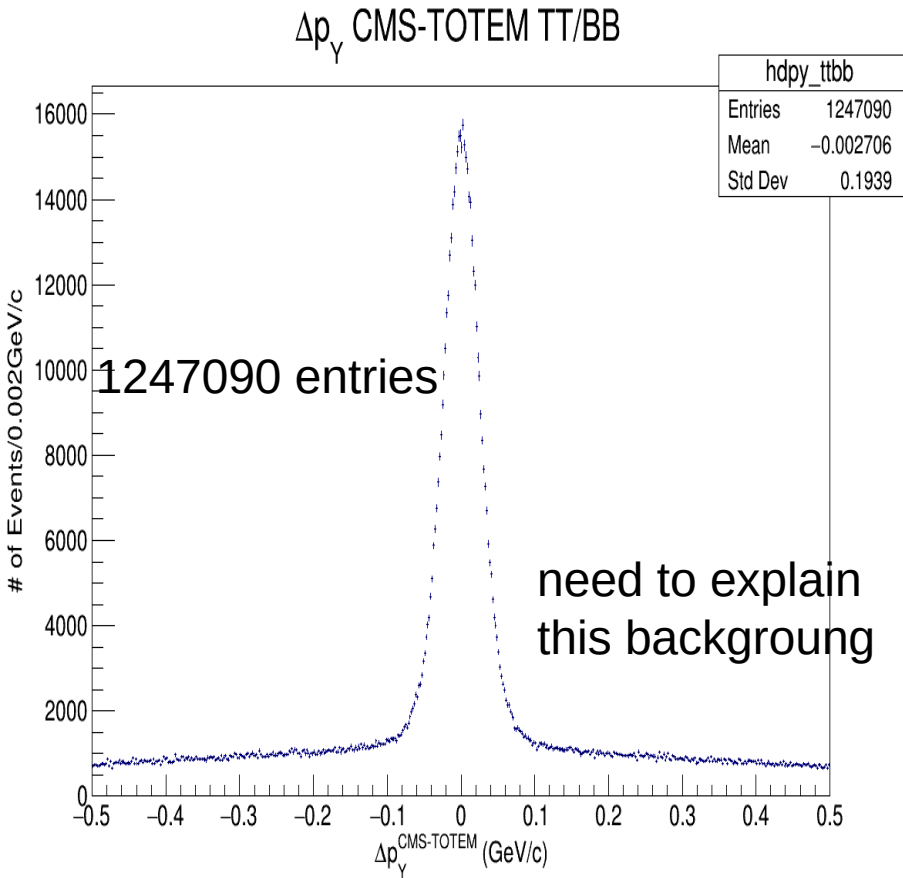
Fireworks command: **cmsShow** – TTree (ntuples) need to find how to include the Roman Pots



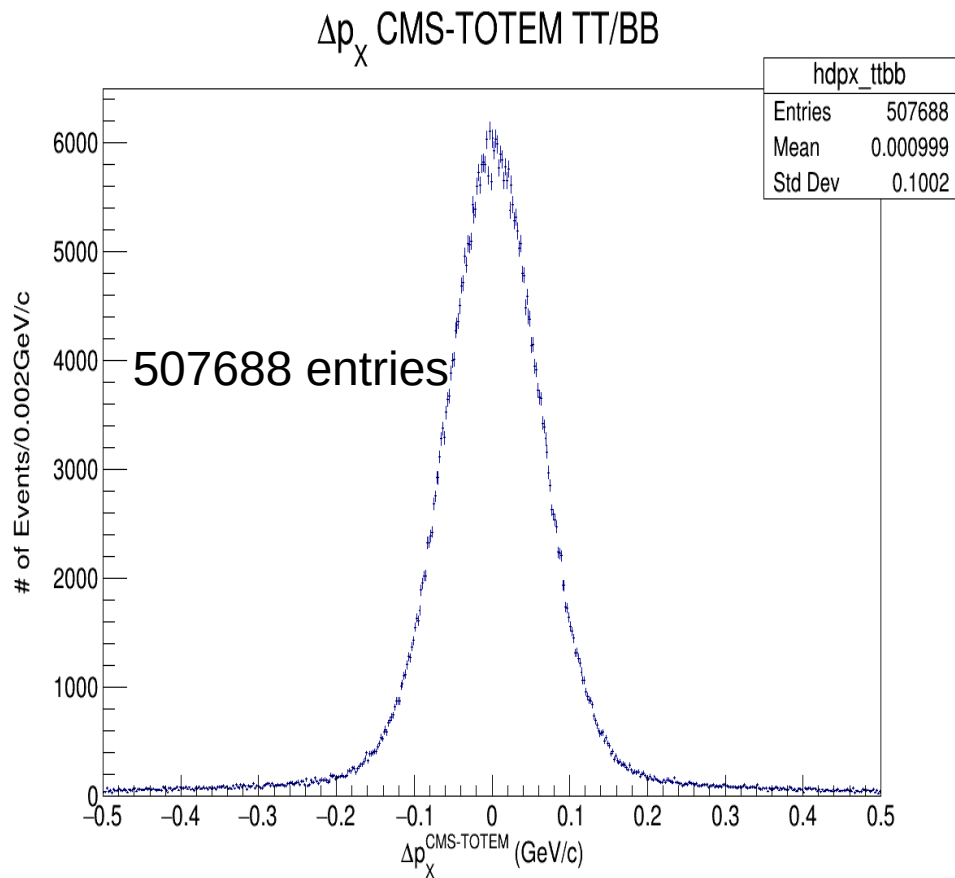
Multiplicity – 2-track events (reduced2) only – except run#9998



Balance in transverse momenta: single track events, all 2015 data



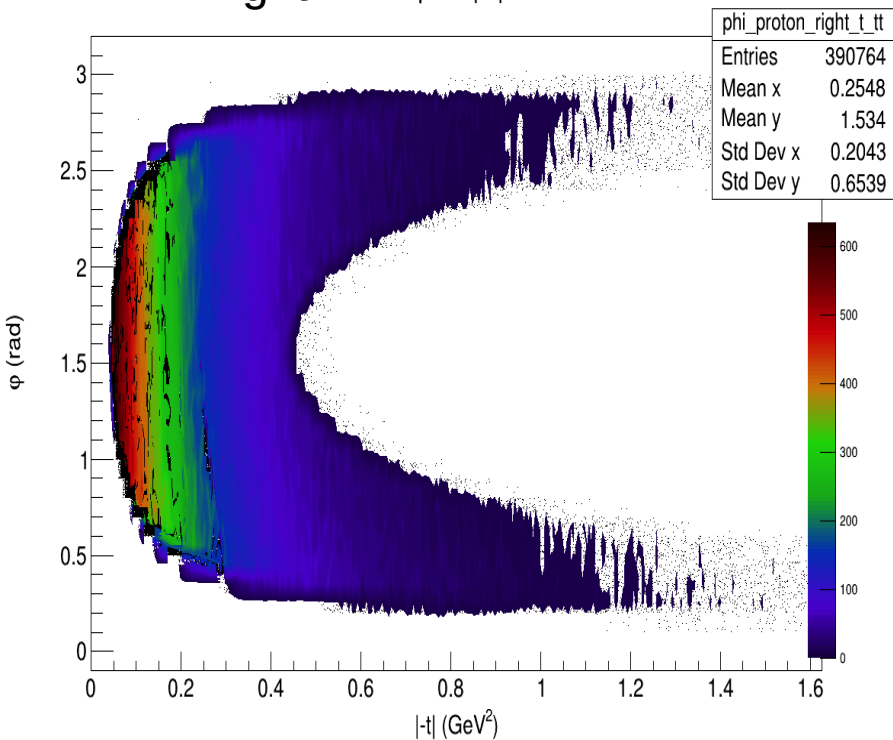
5



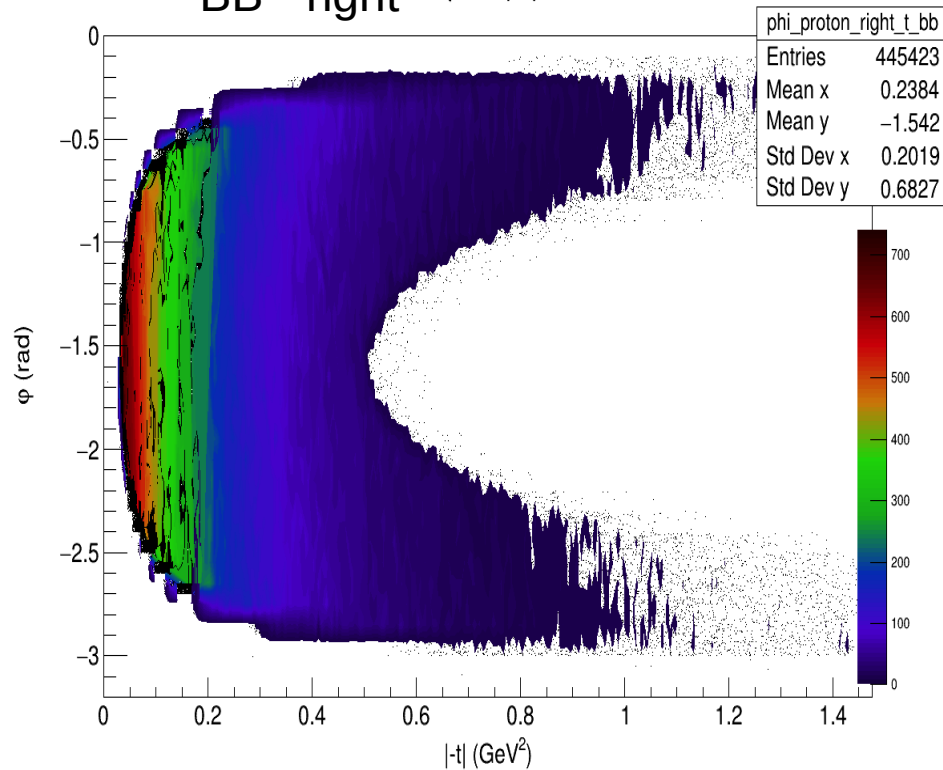
Acceptance $A(t,\phi)$ single track events - run#4510

TT - right

ϕ vs $|-t|$



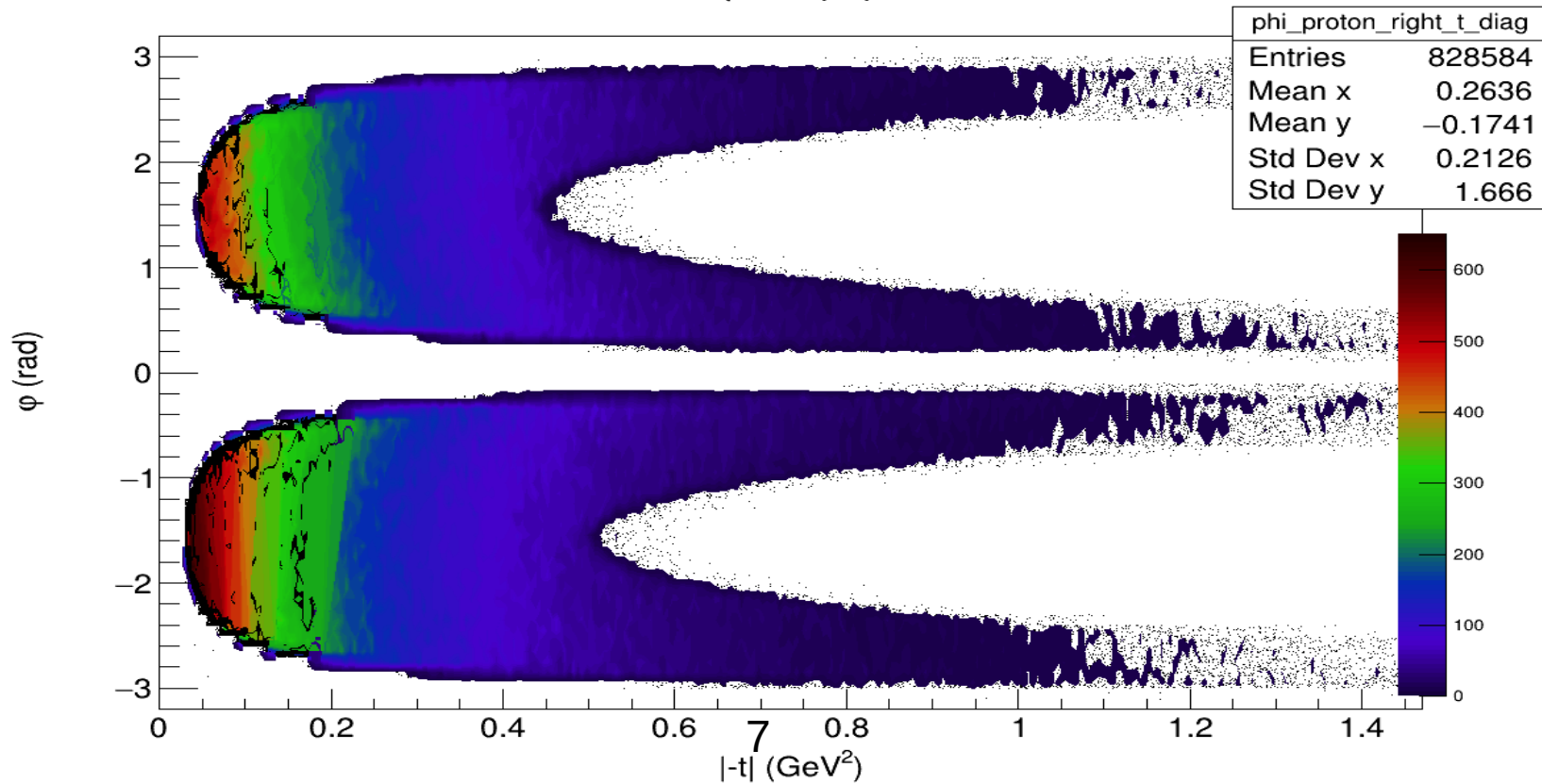
BB - right ϕ vs $|-t|$



Acceptance $A(t,\phi)$: single track events - run#4510

diag TB+BT - right

ϕ vs $|-t|$



Have a nice 4th of July

Fireworks!

Thank you for your attention