

pTDR comments about BHCaI

Megan Connors

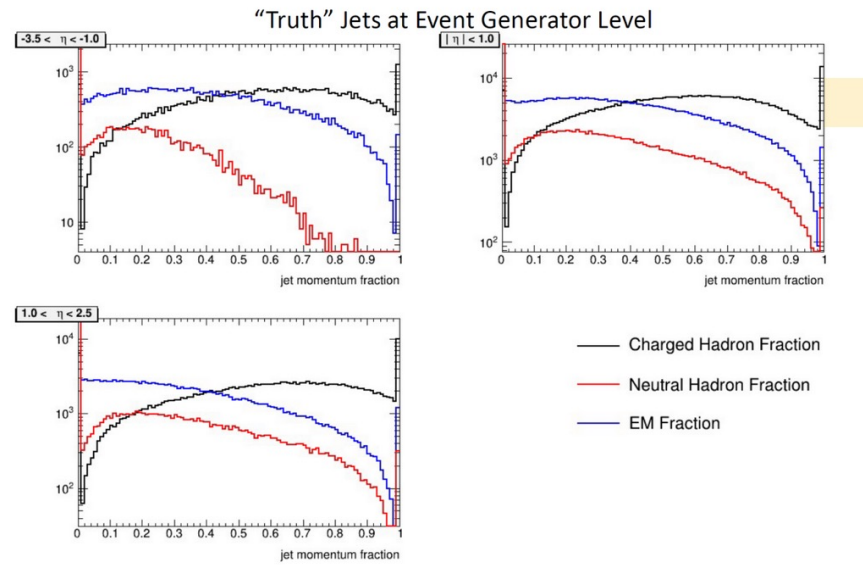
BHCaI Meeting

November 15, 2024

Summary

- Mostly minor comments
- Comments don't highlight pieces we know are still missing
- Also need to update the plot captions according to guidelines for documenting simulations
- 2 slides highlight only comments that may be useful to discuss

Comments from Sevil



From imported document



salur

12:32 PM Oct 18

what are the spikes at end points?

From imported document

Comments from Anthony

- Line numbers do not align with version I had

15) Line 5070: Without cooling you might see diurnal patterns in the gain coming from temperature fluctuations. Will you use the LED's to account for this? Is there emittance temperature dependent, do we know?

16) Line 5116: The sPHENIX HCal sees SEU's within one year of operation. Might want to lean heavier on the lower neutron flux than the current sPHENIX performance

18) Figs 8.121-8.132: There are numerous plots here with no supporting text other than the captions. What is the take away from these plots with respect to the performance necessary from the BHCal?