

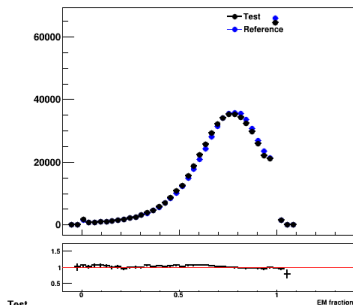
Validation of first Run3 geometry, Validation of G4 10.7.2.1

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21st October 2021

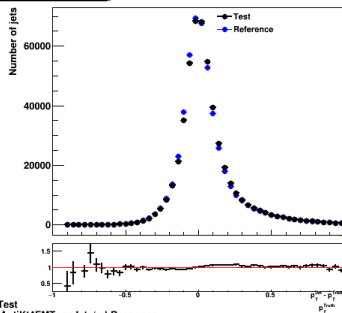
Validation of first Run3 geometry Task 1

EM Fraction



Test
/AntiK14EMTopoJets/EMFrac

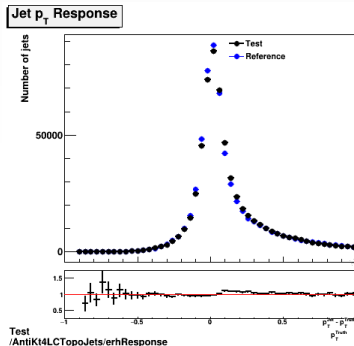
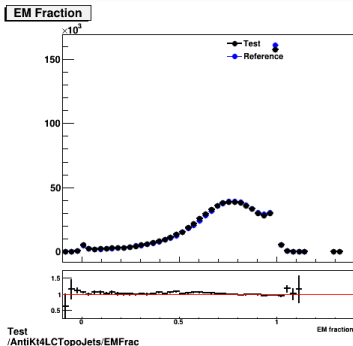
Jet p_T Response



Test
/AntiK14EMTopoJets/erhResponse

- **EMPF_{low}**: visible differences for p_T response, EM fraction
- **EMTopo**: visible differences for p_T response, EM fraction
- **LCTopo**: visible differences for p_T response, EM fraction

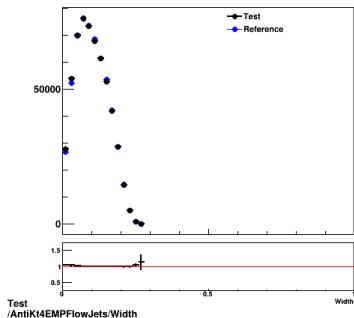
Validation of first Run3 geometry Task 2



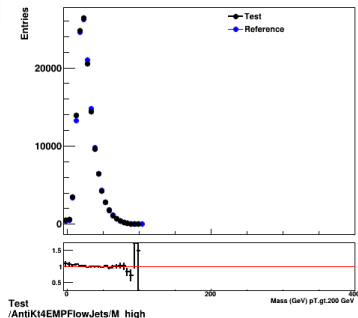
- **EMPF_{low}**: visible differences for p_T response
- **EMT_{opo}**: visible differences for p_T response
- **LCT_{opo}**: visible differences for p_T response

Validation of G4 10.7.2.1

Jet Width



Jet Mass pT.gt.200



- **EMPF**low: Jet width red
- **EMT**opo: Jet width red
- **LCT**opo: Jet width red
- Generally good agreement