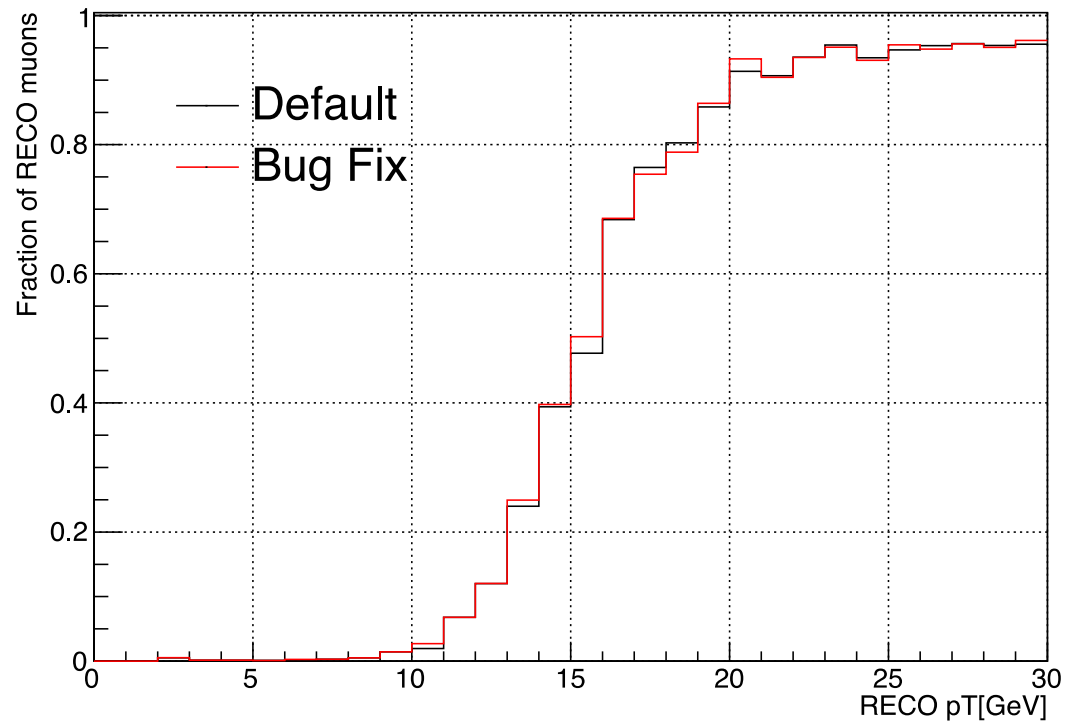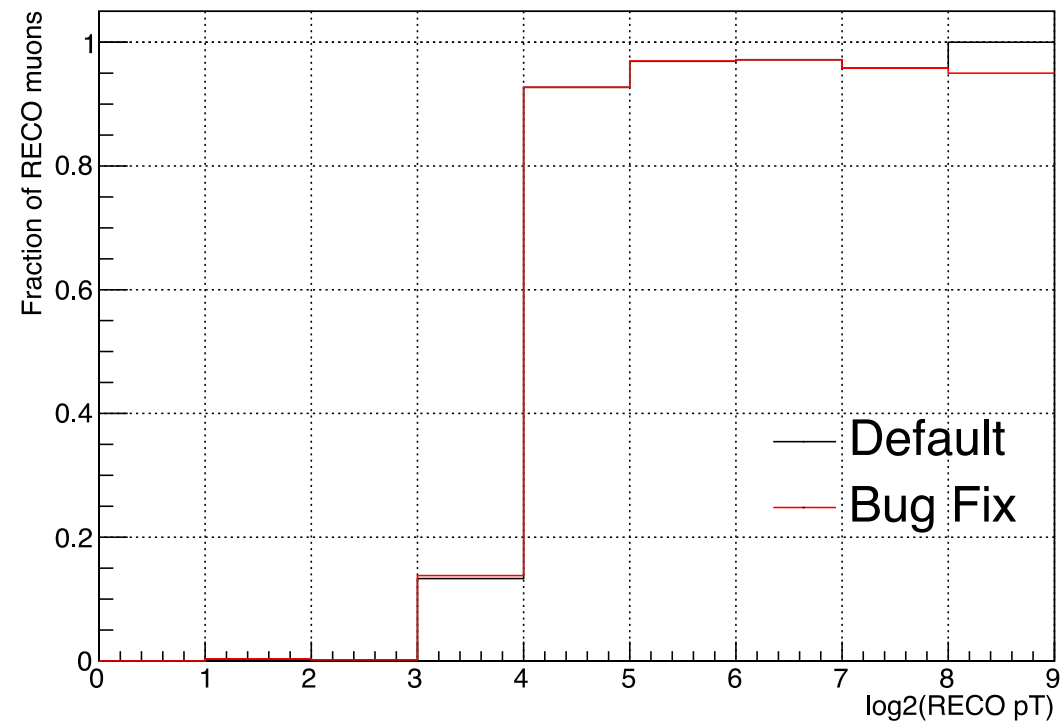# PC LUT Fix

EMTF Working Meeting
Sep 2018
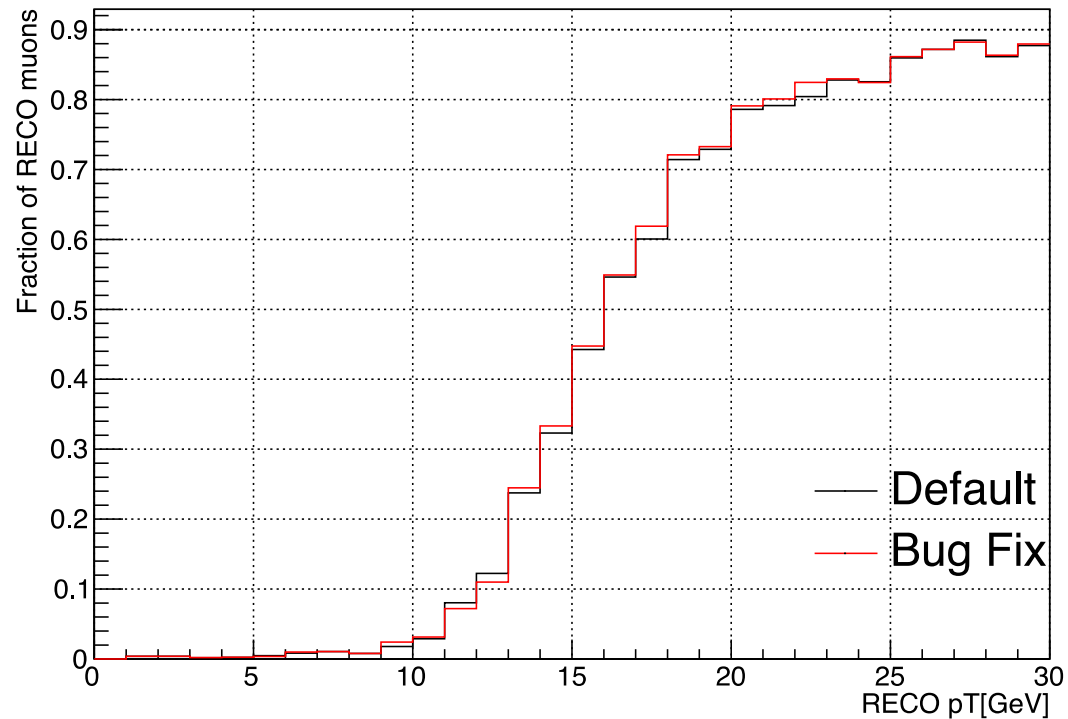
SingleMu22 (2018 SingleMu modes)
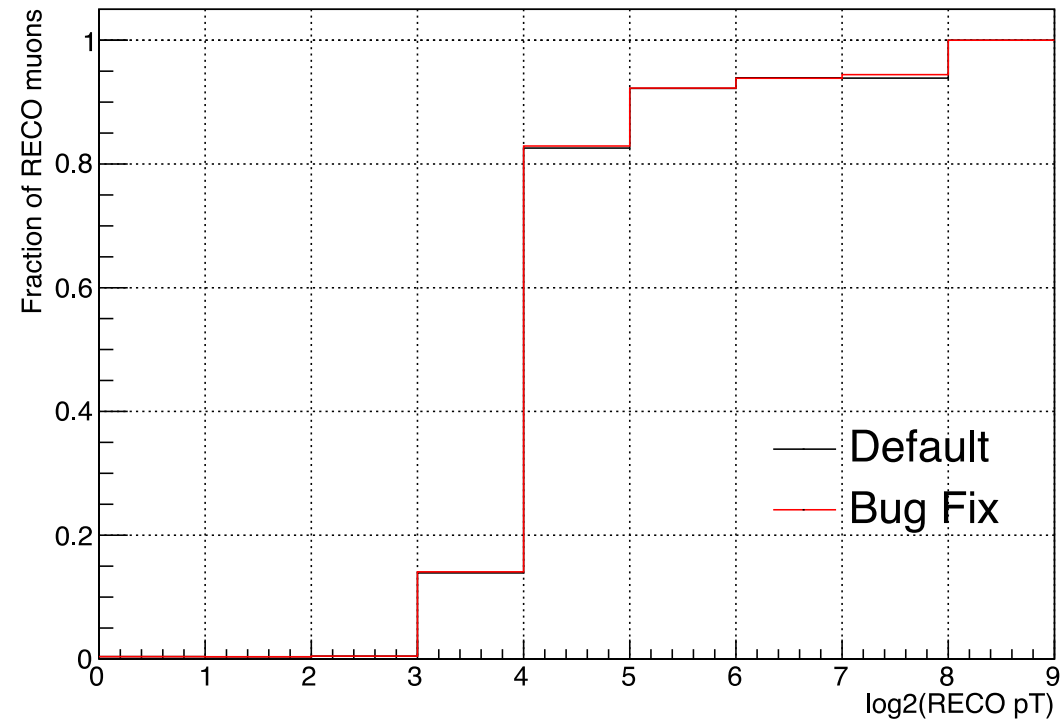

- $1.25 < |Eta| < 1.55$

SingleMu22 (2018 SingleMu modes)

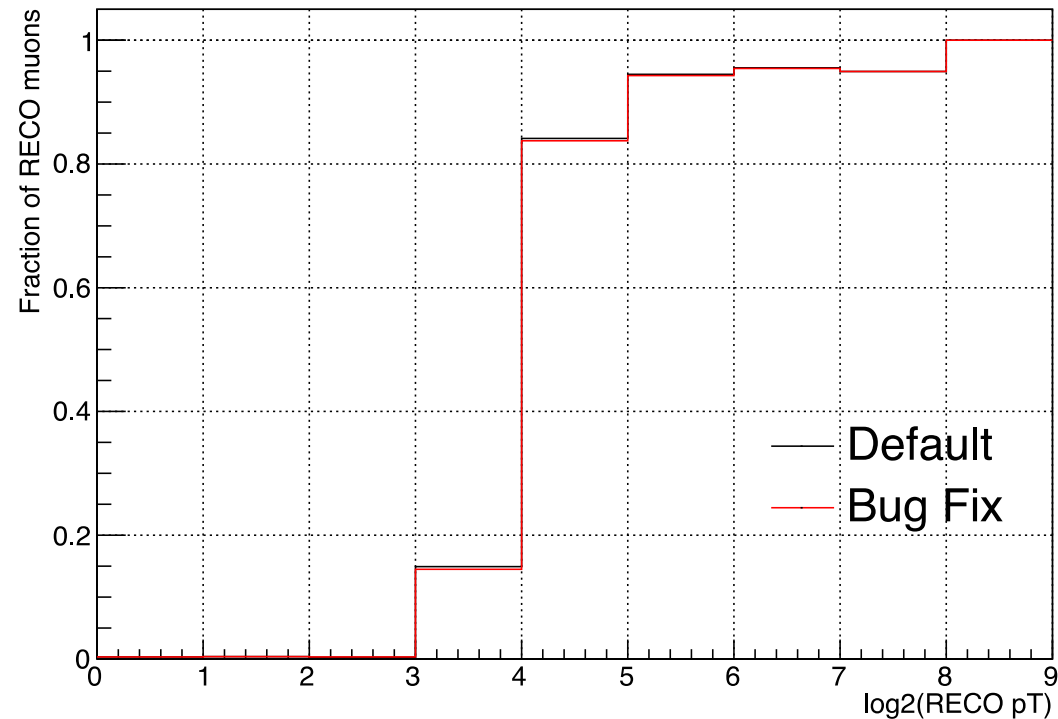- $1.55 < |Eta| < 1.85$

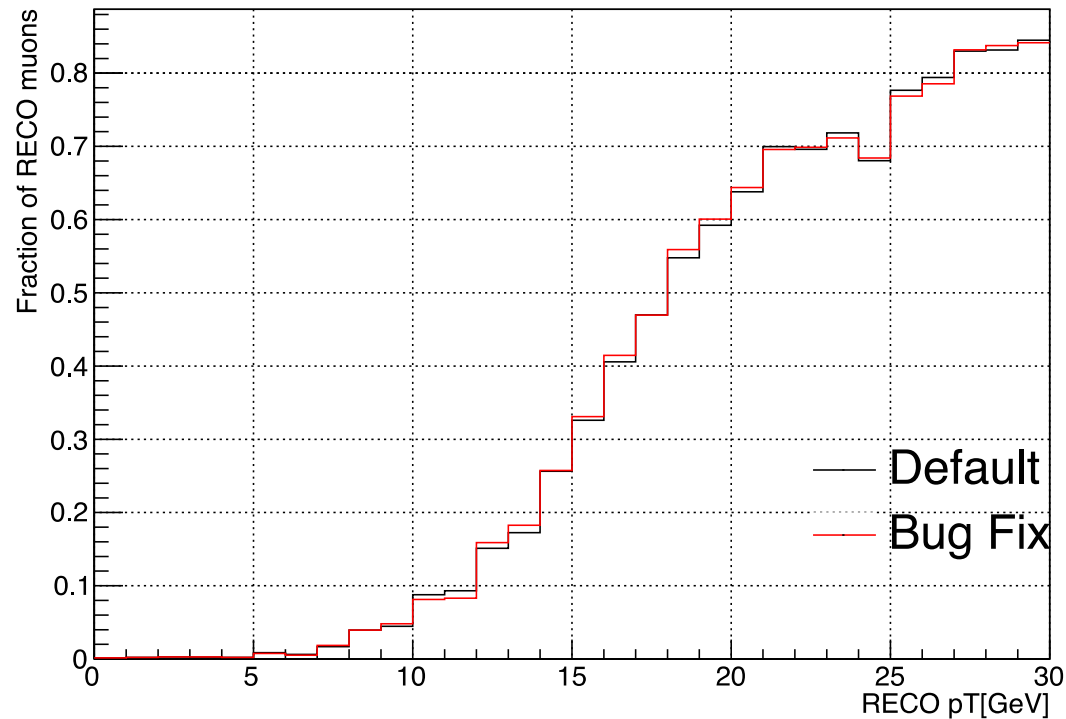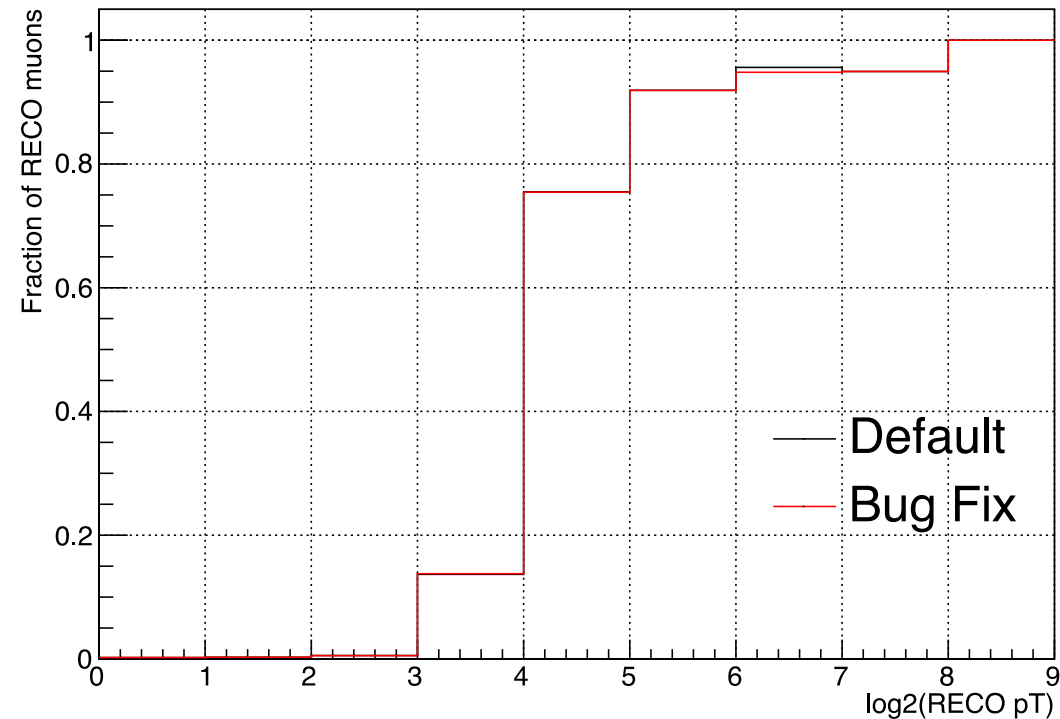# SingleMu22 (2018 SingleMu modes)
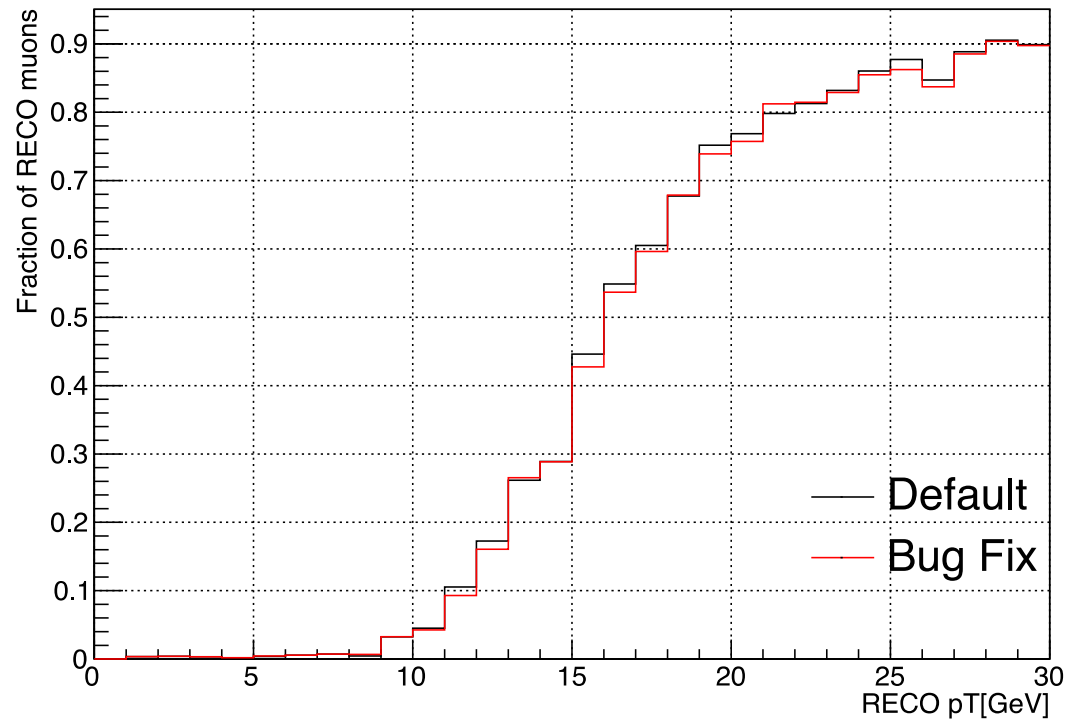
- $1.85 < |Eta| < 2.10$

SingleMu22 (2018 SingleMu modes)

- $2.10 < |Eta| < 2.40$

Back Up

weishi@rice.edu

Data Files

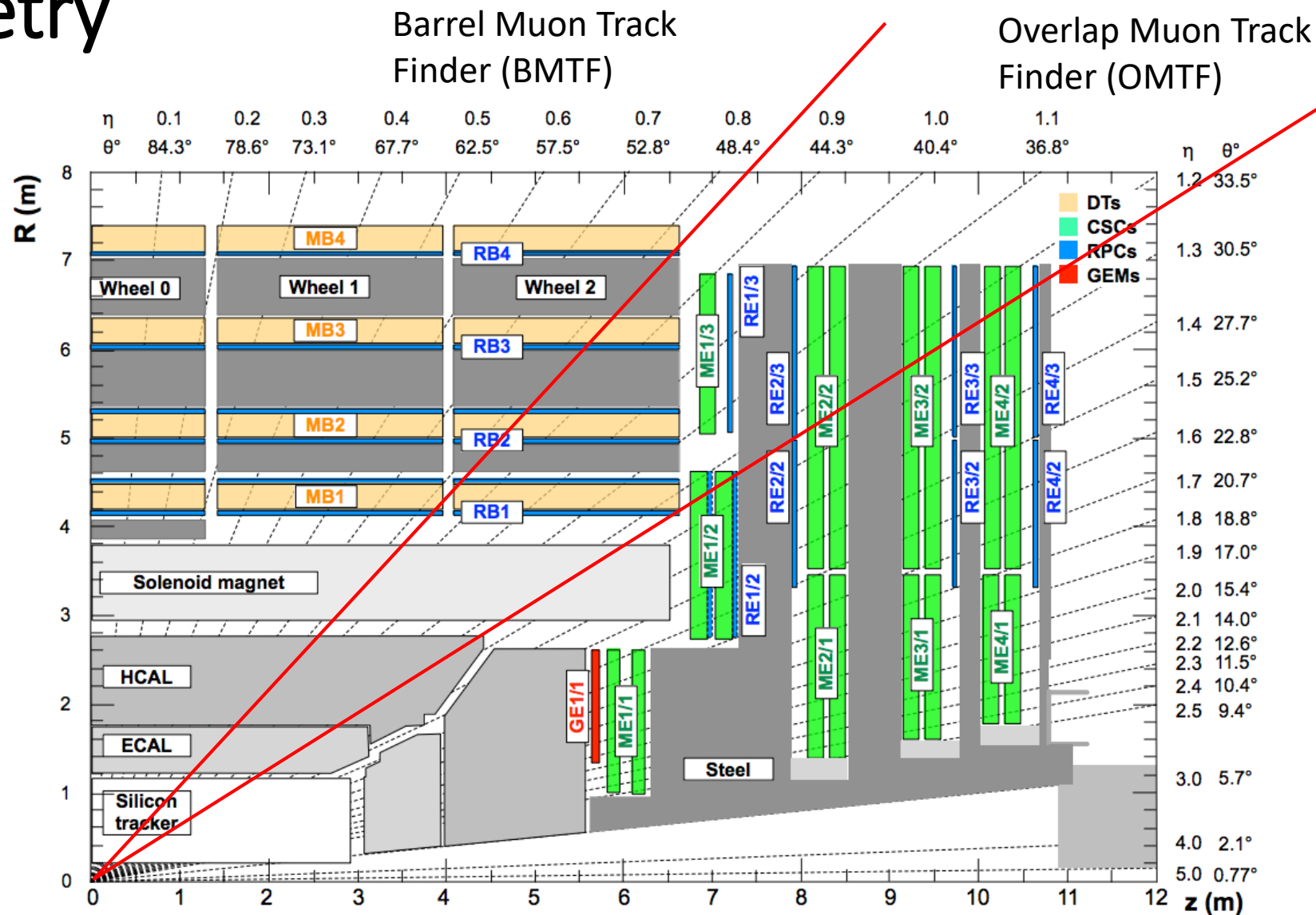root://eoscms.cern.ch//store/user/abrinke1/EMTF/Emulator/ntuples/HADD/

- Default
  - NTuple_SingleMuon_FlatNtuple_Run_2018D_v1_2018_09_19_SingleMuon_2018_emul_102X_ReReco_v1_321988_coord.root
- Bug Fix
  - NTuple_SingleMuon_FlatNtuple_Run_2018D_v1_2018_09_19_SingleMuon_2018_emul_102X_ReReco_v1_321988_bugFix.root

Geometry

EMTF track modes vs Stations

| Mode #	Definition	Stations
15	1+2+4+8	1,2,3,4
14	2+4+8	1,2,3
13	1+4+8	1,2,4
12	4+8	1,2
11	1+2+8	1,3,4
10	2+8	1,3
9	1+8	1,4
7	1+2+4	2,3,4
6	2+4	2,3
5	1+4	2,4
3	1+2	3,4

Muon Quality

- SingleMu (Q>=12)
  - EMTF mode 15, 14, 13, 11
- DoubleMu (Q>=8)
  - EMTF mode 12, 10, 7
  - EMTF mode 15, 14, 13, 11
- MuOpen (Q>=4)
  - EMTF mode 9, 6, 5, 3
  - EMTF mode 9, 10, 7
  - EMTF mode 15, 14, 13, 11

2017

- SingleMu Quality (Q>=12)
  - EMTF mode 15, 14, 13, 11
- DoubleMu Quality (Q>=8)
  - EMTF mode 9, 10, 7
  - EMTF mode 15, 14, 13, 11
- MuOpen Quality (Q>=4)
  - EMTF mode 12, 6, 5, 3
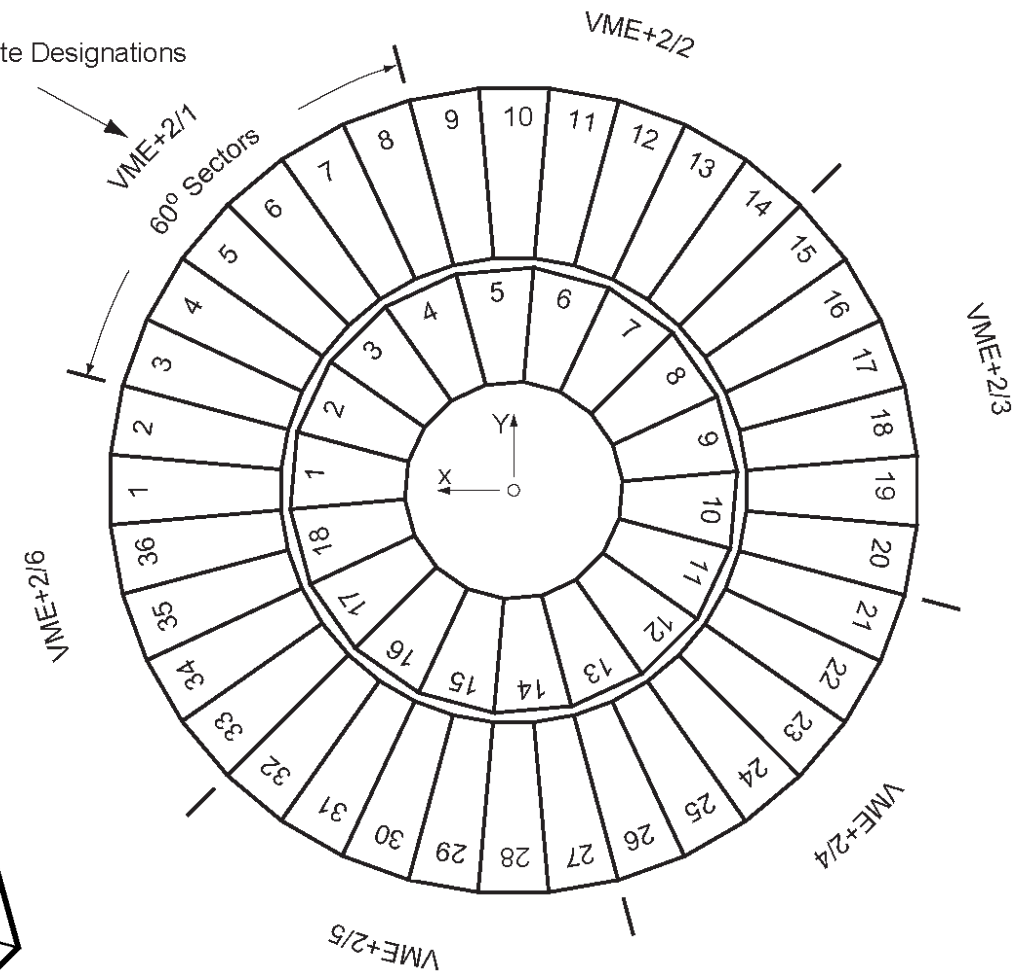 - EMTF mode 9, 10, 7
  - EMTF mode 15, 14, 13, 11
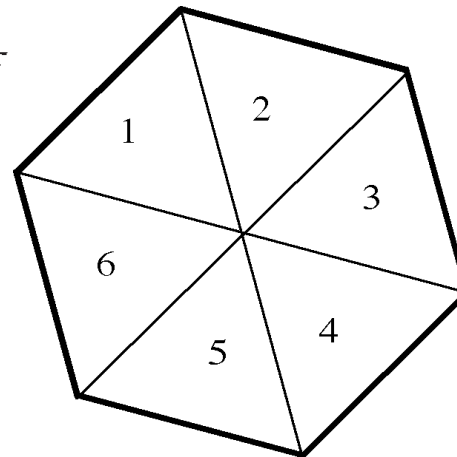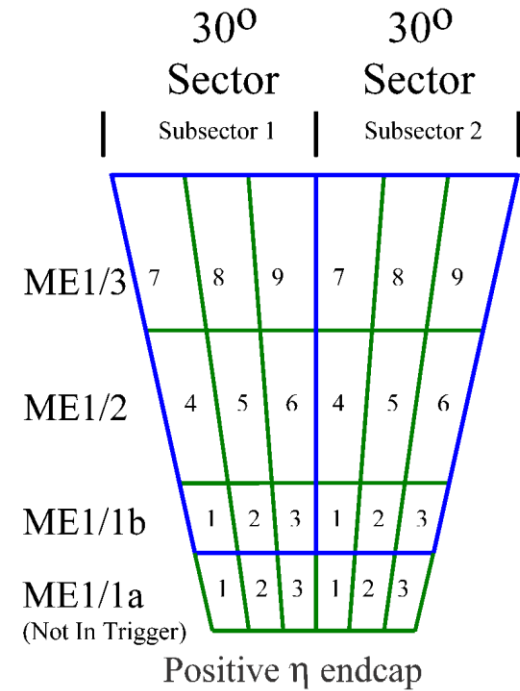
2018
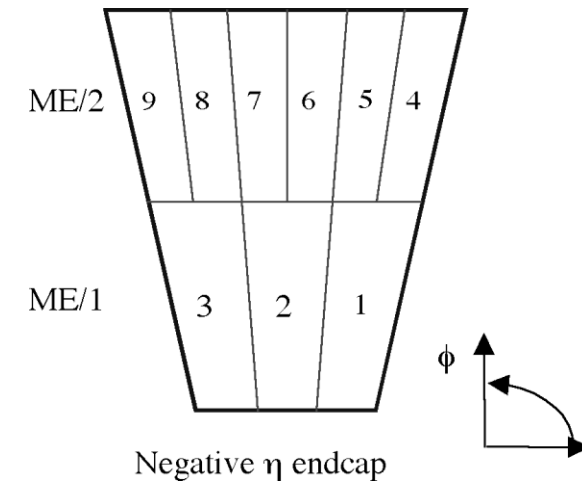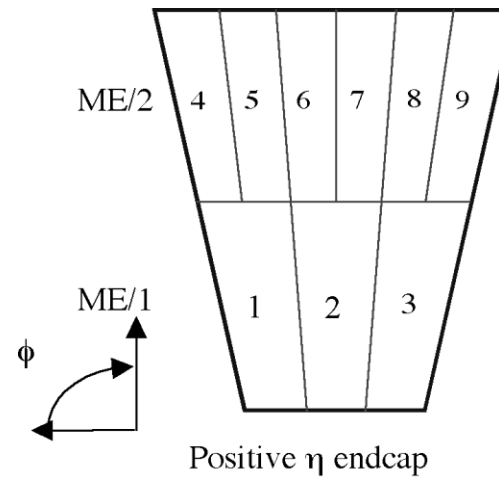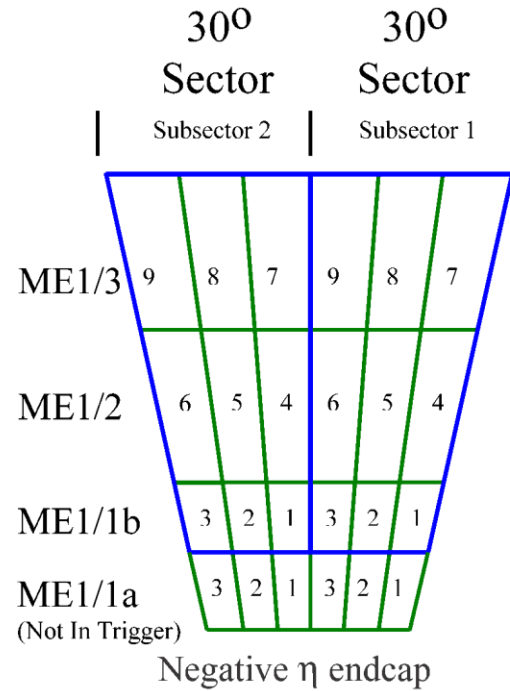
CSC Geometry
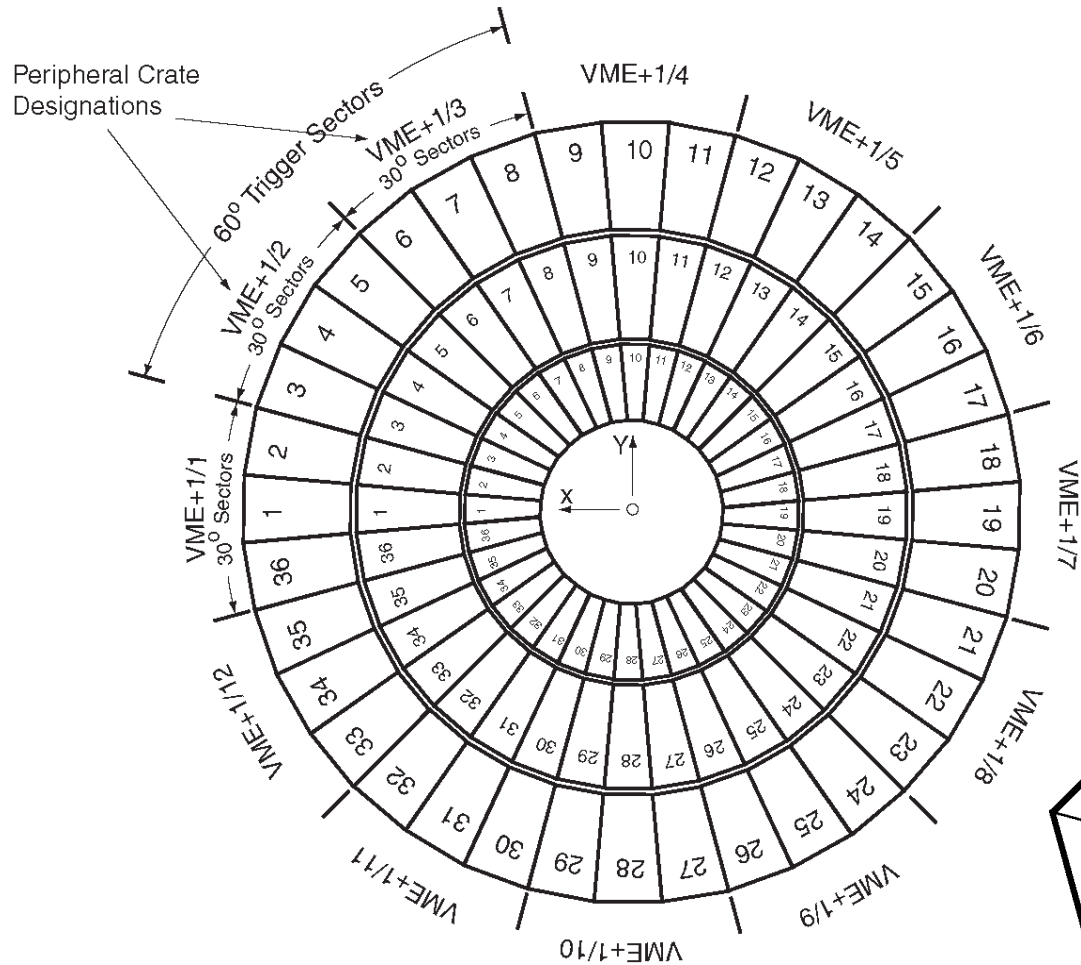
Station 1

Station 2, 3, 4

CSCs in a trigger sector

Station 1

Station 2, 3, 4