

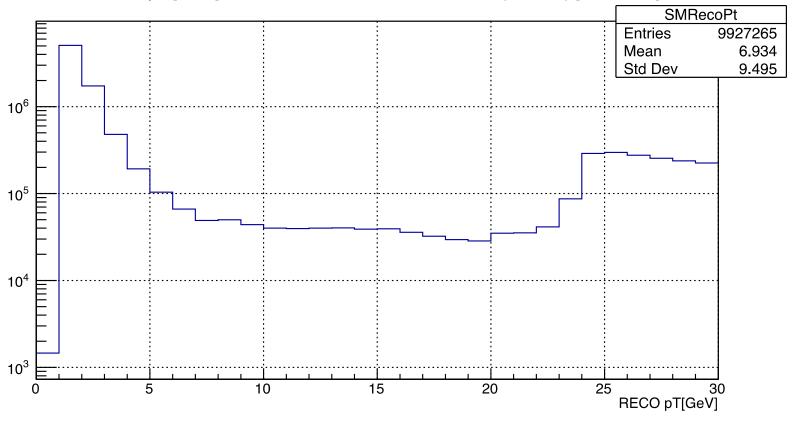
Studies on RECO Muons

Wei Shi
EMTF Working Meeting



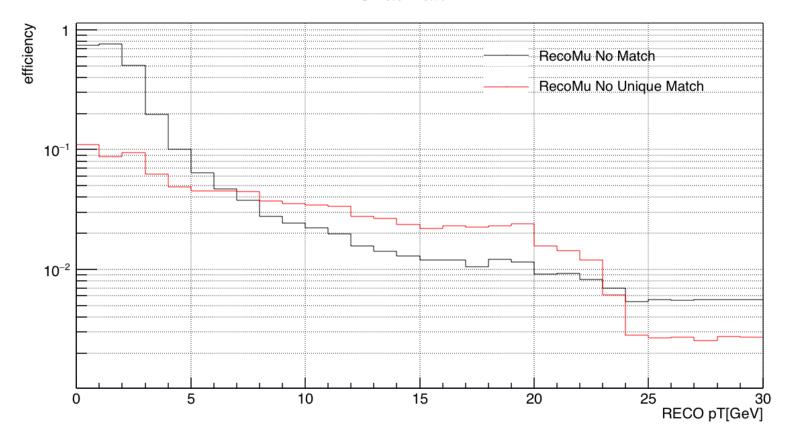
Reco Mu pT







SBadMatchEff

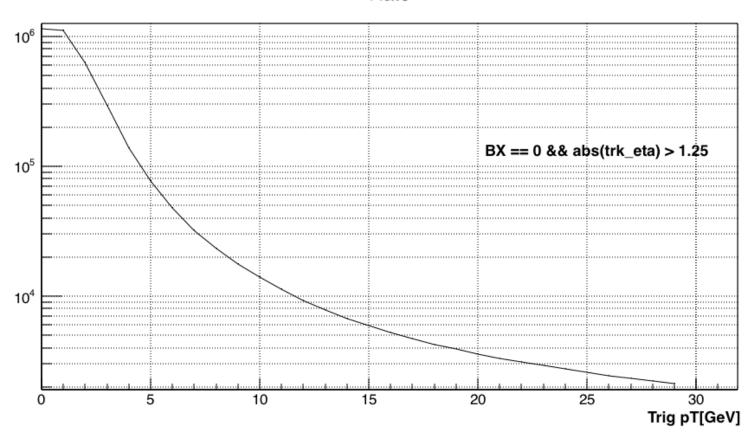












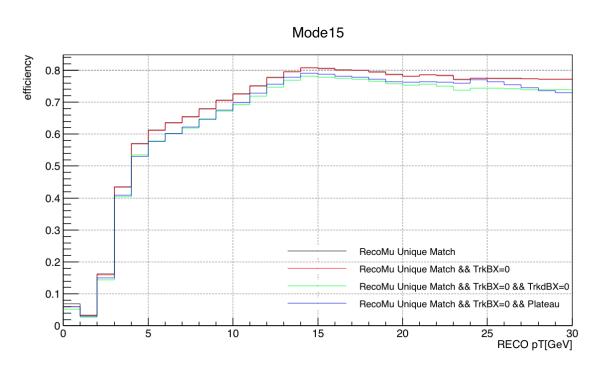


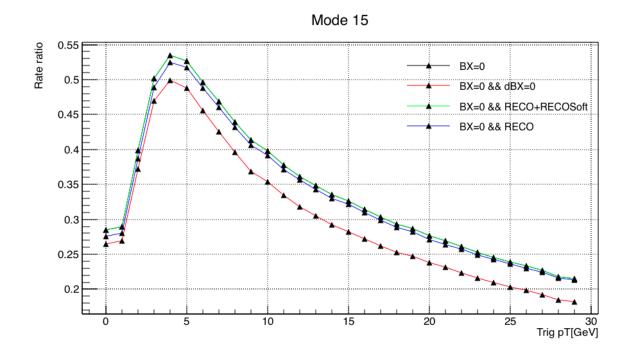
Muon Quality

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

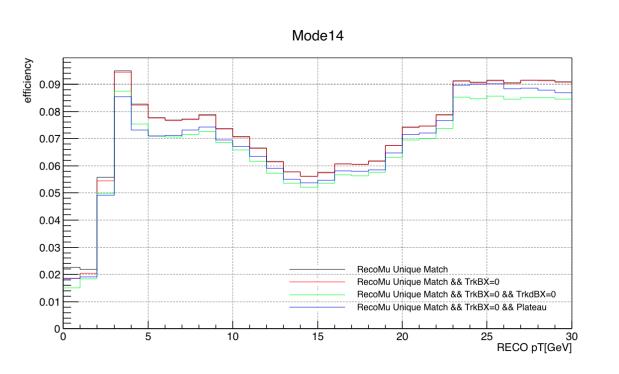
Mode #	Definiition in code	Stations
15	1+2+4+8	1,2,3,4
14	2+4+8	1,2,3
13	1+4+8	1,2,4
12	4+8	1,2
11	1+2+8	1,3,4
10	2+8	1,3
9	1+8	1,4
8	8	1
7	1+2+4	2,3,4
6	2+4	2,3
5	1+4	2,4
4	4	2
3	1+2	3,4
2	2	3
1	1	4

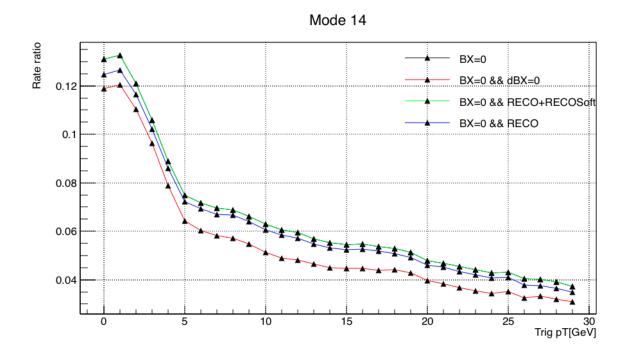




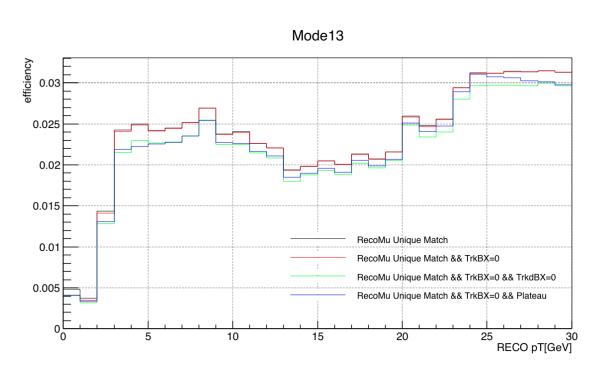


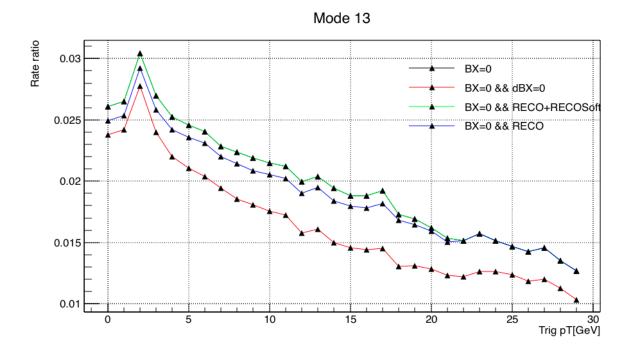




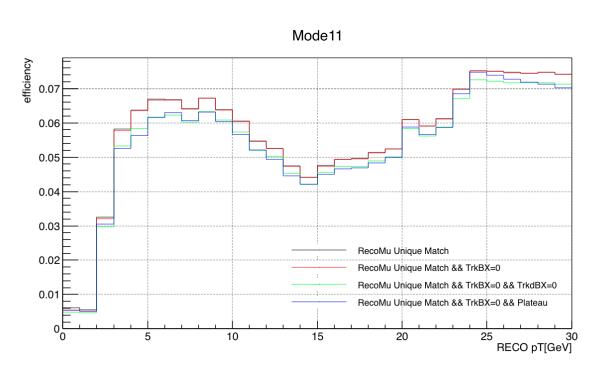


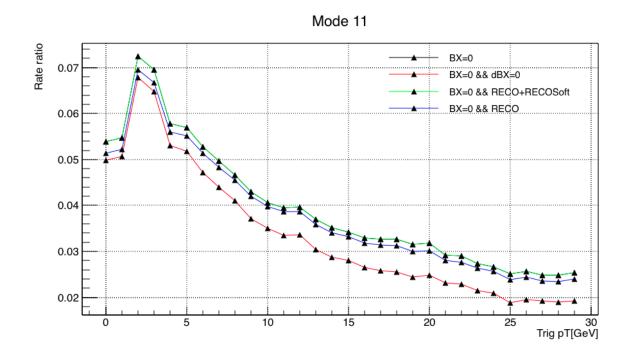












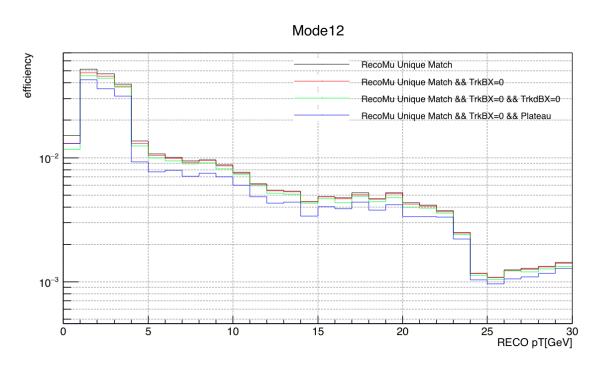


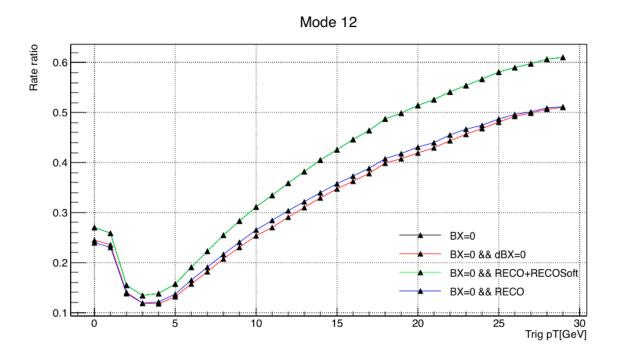
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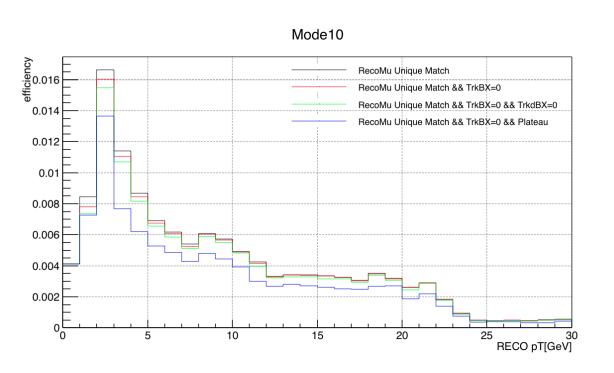
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5	1+4	2,4
4	4	2
3	1+2	3,4
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1	1	4

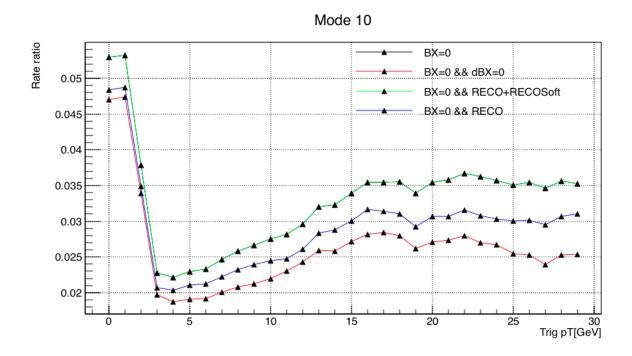




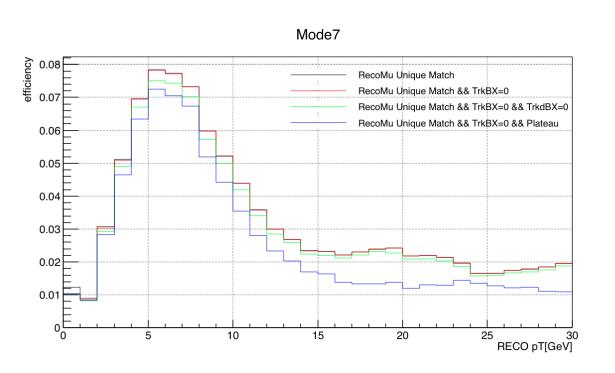


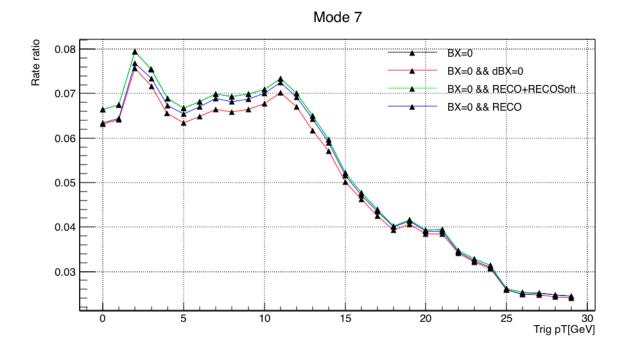












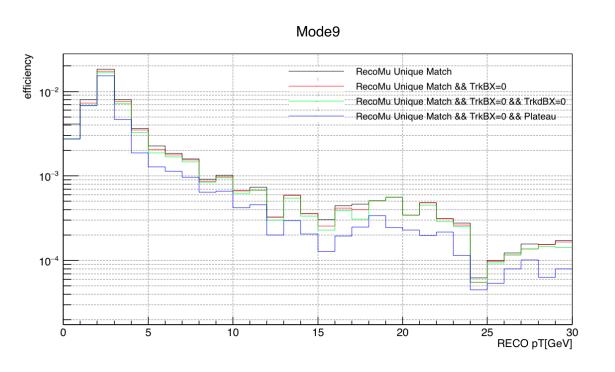


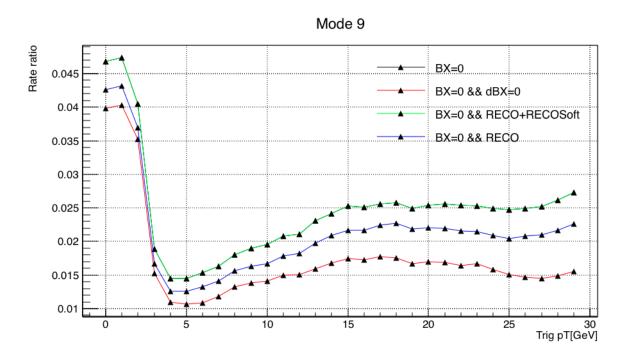
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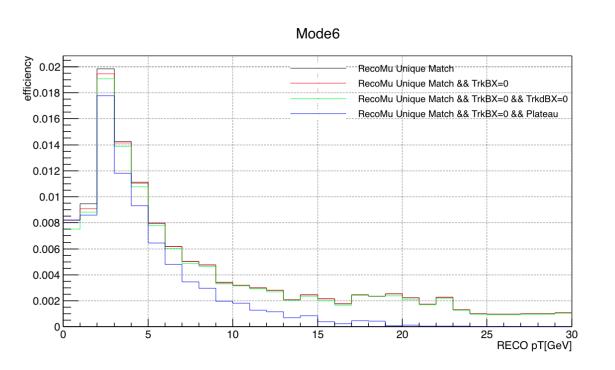
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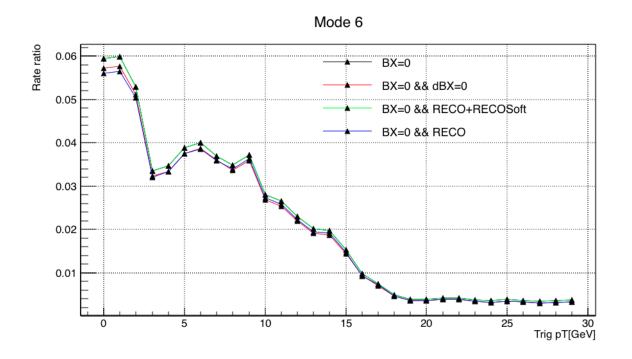




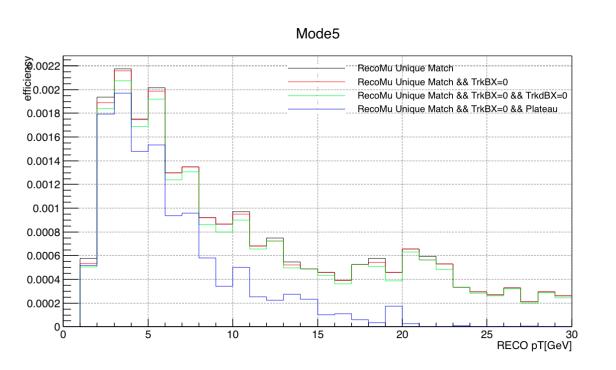


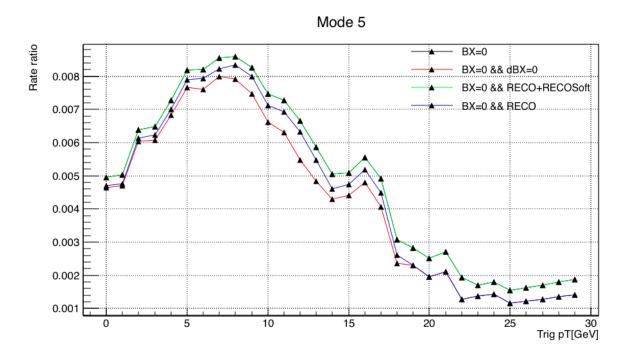




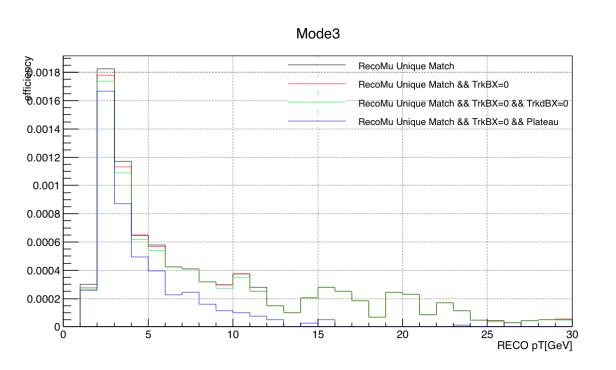


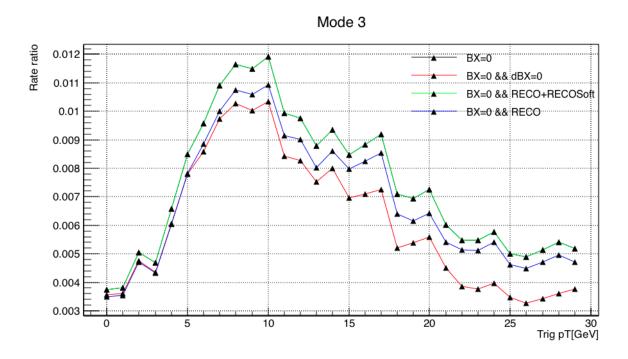












Back Up

Macro

• https://github.com/weishi10141993/EMTF CSCTF pTResolution Trac kBuild dR Matching/blob/master/ModesRateEff.C