## Isolated Lepton Tagging for new samples

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## news

- the problem at $\cos \theta=0.8$ is understood and fixed by Frank and Shaojun
- the problem at 55+/-5 degree is still under investigation
- in order not to get significant efficiency loss, a new option is provided in IsolatedLeptonTagging without using energy in Yoke (committed to GitHub, as default option); it is recommended to use this new option for benchmark analysis until problems get finally fixed


## Isolated Lepton Tagging performance

(muon)

recommended working point: ~96-97\%

## Efficiency deficit in the new samples

(muon)


## backup

## Efficiency versus polar angle

New (Large)
DBD



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## Efficiency deficit in the new samples

(muon)


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