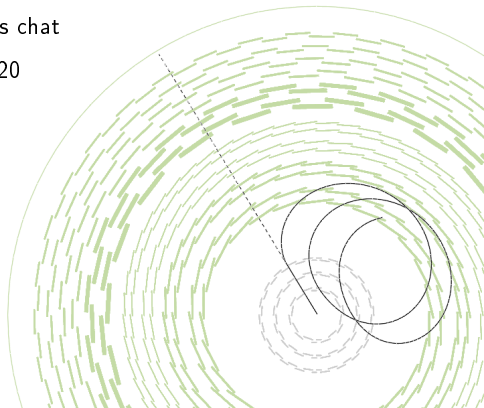


Disappearing tracks

Viktor Kutzner

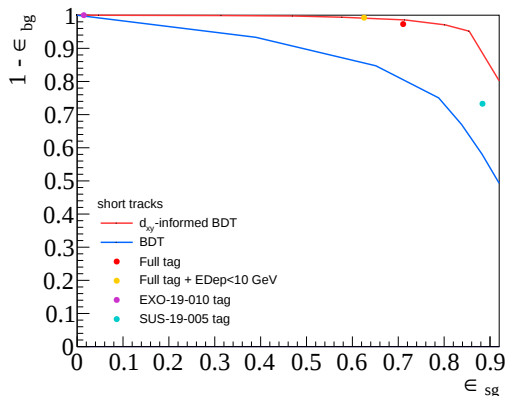
Weekly analysis chat

May 18 2020



Disappearing track tag comparison

comparison of track tags (short tracks):



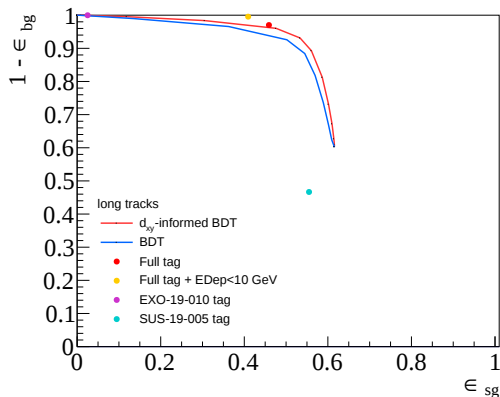
- signal: T1qqqq and T2bt, only chargino-matched tracks ($\Delta R < 0.01$)
- background: WJets, DYJets and TTJets MC

general ToDo's:

- answer questions from conveners, get new AN version ready:
<https://twiki.cern.ch/twiki/bin/view/CMS/SusyDisappearingTrackReview>
- EXO tag signal efficiency
- prompt prediction in fake prediction with subtracted fake contribution

Disappearing track tag comparison

comparison of track tags (long tracks):



- signal: T1qqqq and T2bt, only chargino-matched tracks ($\Delta R < 0.01$)
- background: WJets, DYJets and TTJets MC

general ToDo's:

- answer questions from conveners, get new AN version ready:
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