

Breco SL and HD checks of August 2010 production

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Outline

- **Datasets used for the checks**
- **Checks for HD Breco**
- **Checks for SL Breco**
- **Summary and outlook**

Datasets

- **The plots showed here corresponds to the following parameters:**
 - PRODSERIES = 2010_July
 - ANALYSIS =
 - HadRecoilCocktail
 - SLRecoilCocktail
 - GEN =
 - B0B0bar_Btag-HD_Cocktail, B+B-_Btag-HD_Cocktail
 - B0B0bar_Btag-SL_e_mu_tau_Cocktail, B+B-_Btag-SL_e_mu_tau_Cocktail
 - DG = DG_BaBar
 - TLC = MixBaBar_NoPair.tcl
 - SOFT_REL = V0.2.5 292

Hadronic Breco Checks

HD Breco Checks

Event Variables

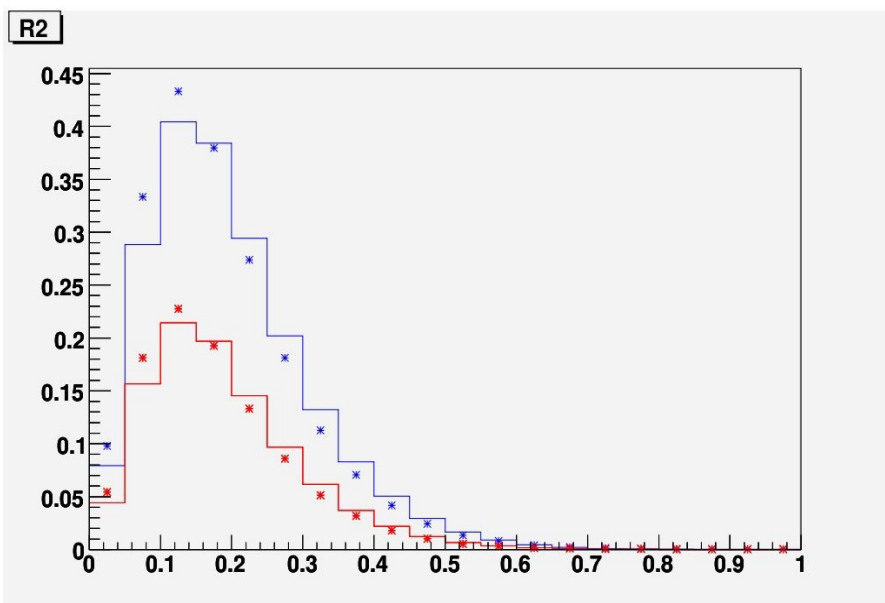
Histos = FastSim

Dots = FullSim

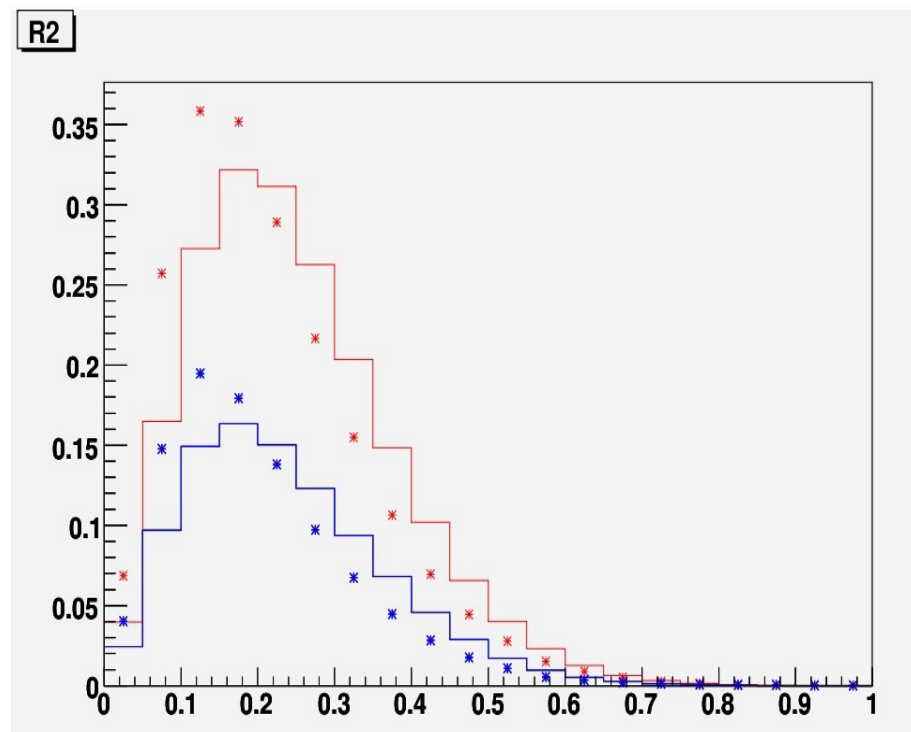
Blue = Rec. Neutral modes

Red = Rec. Charged modes

Neutral Sample



Charged Sample



HD Breco Checks

Event Variables

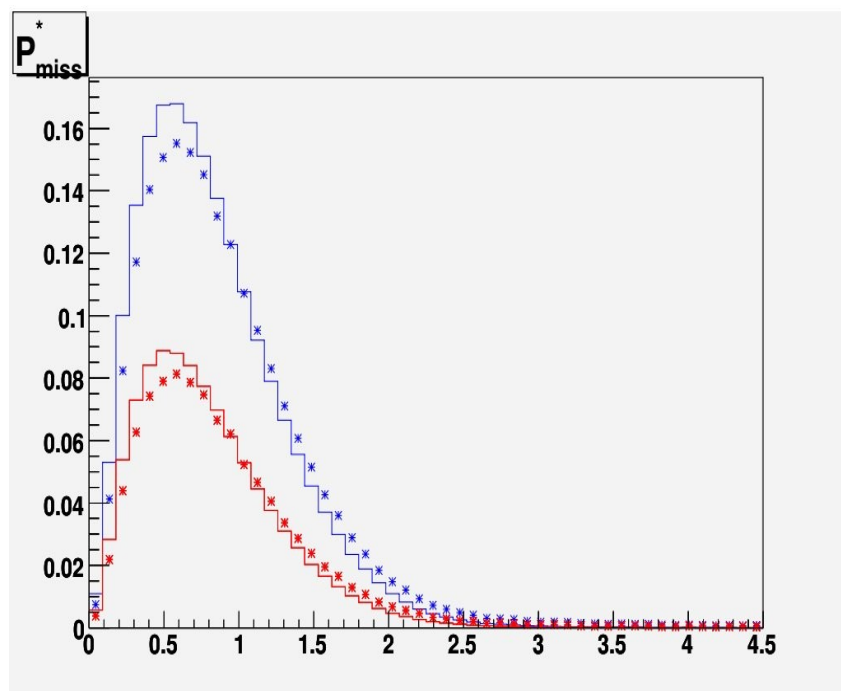
Histos = FastSim

Dots = FullSim

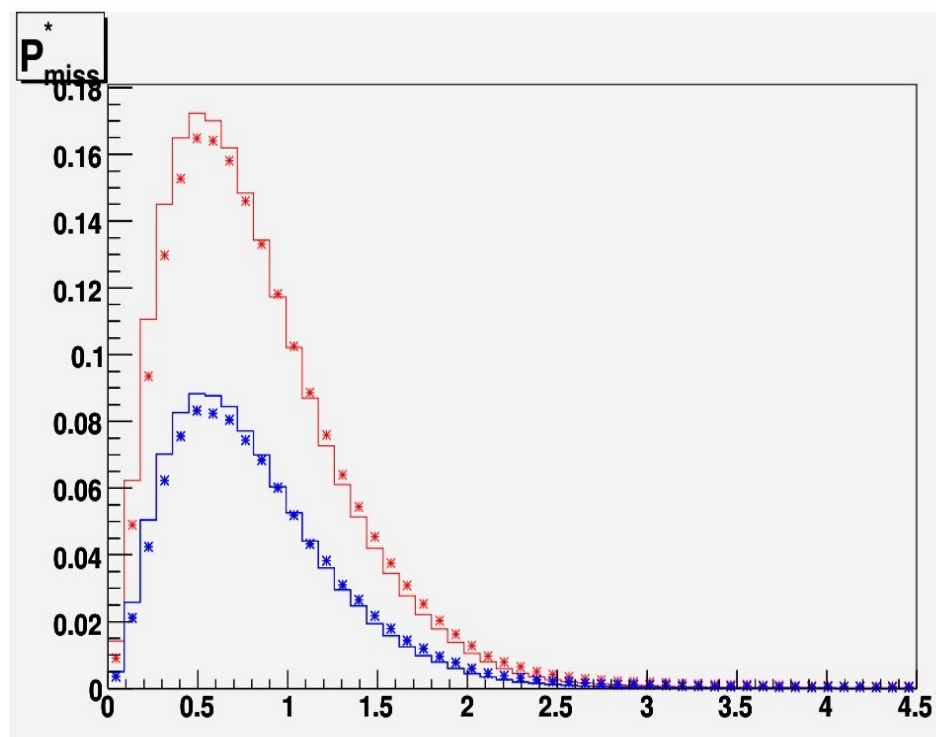
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Neutral Sample



Charged Sample



HD Breco Checks

Event Variables

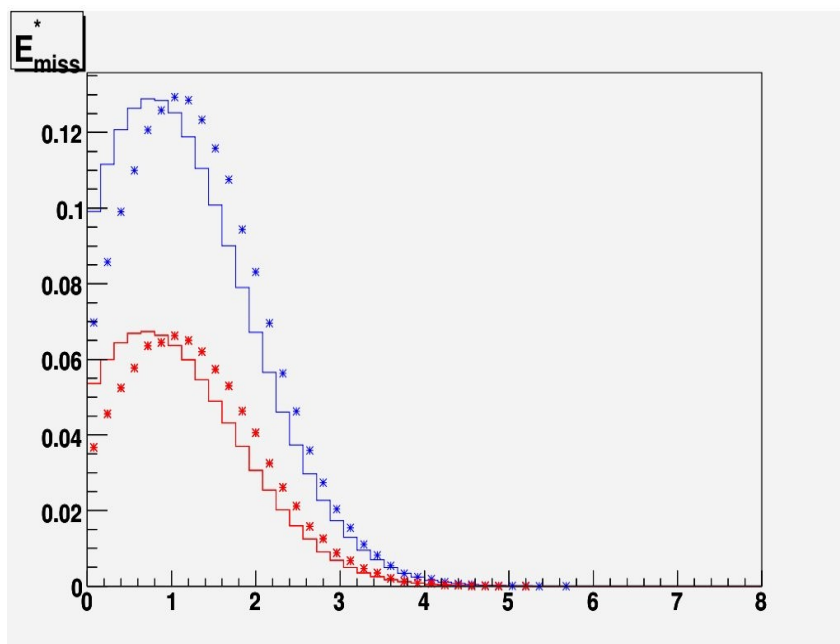
Histos = FastSim

Dots = FullSim

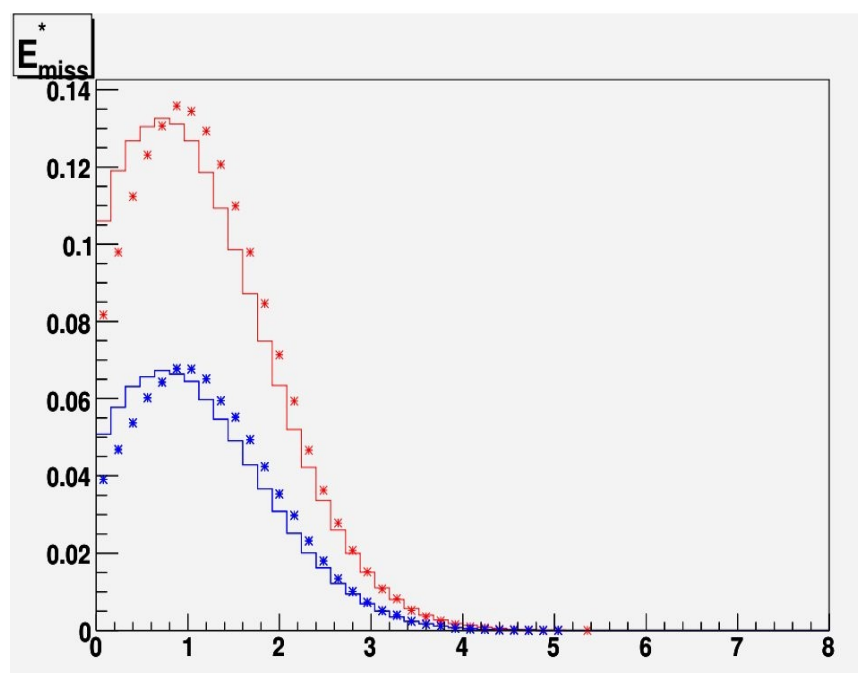
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Neutral Sample



Charged Sample



HD Breco Checks

Event Variables

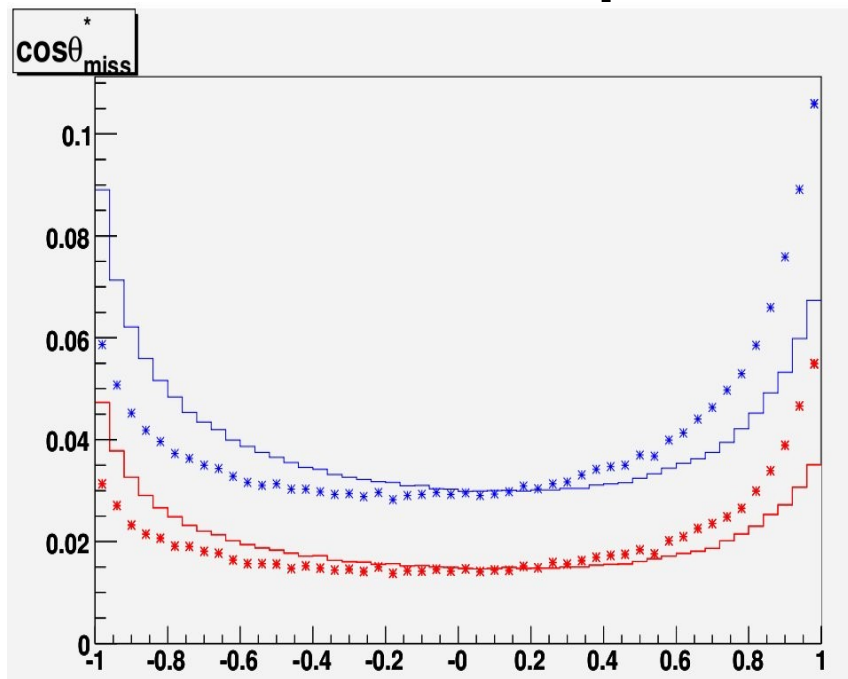
Histos = FastSim

Dots = FullSim

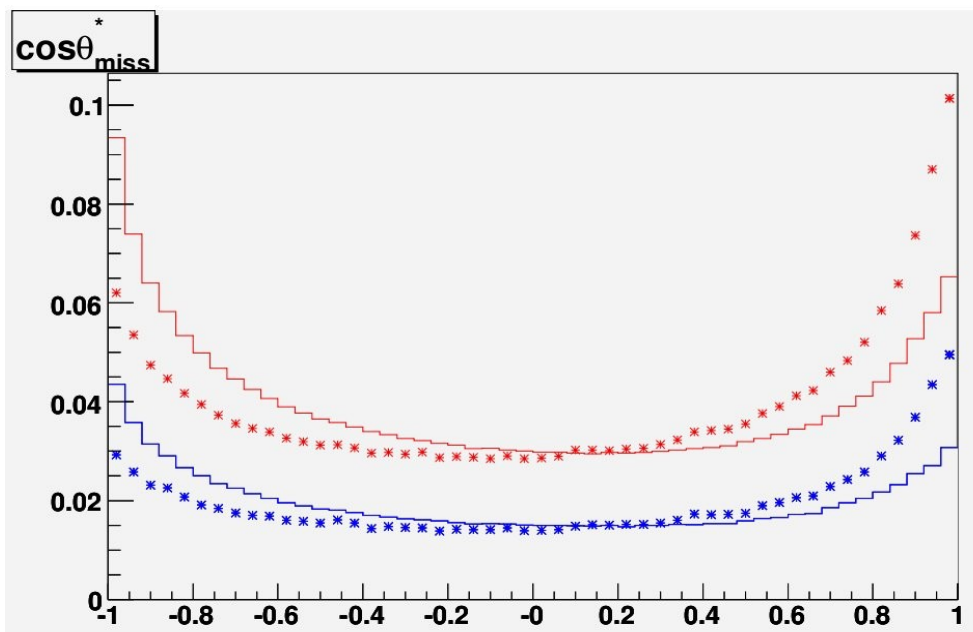
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Neutral Sample



Charged Sample



HD Breco Checks

Event Variables

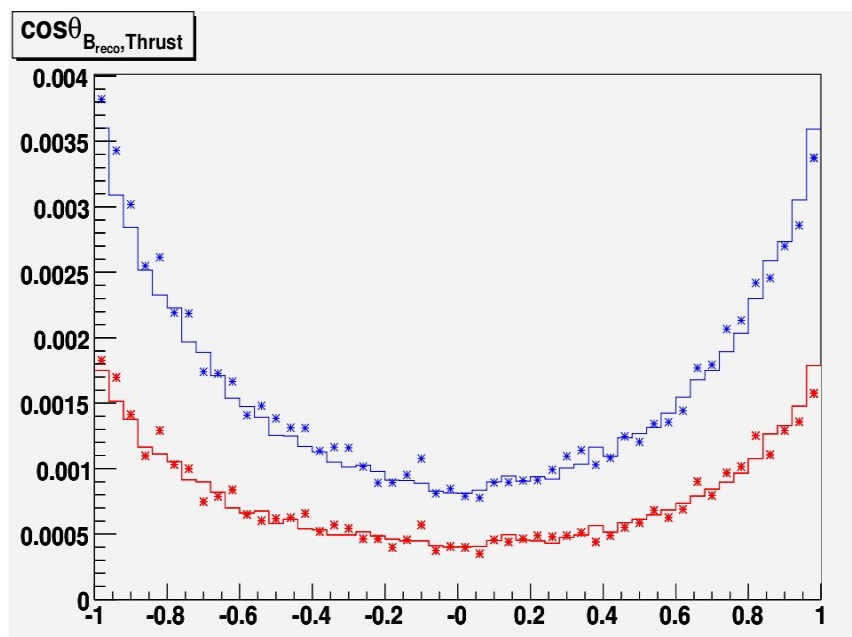
Histos = FastSim

Dots = FullSim

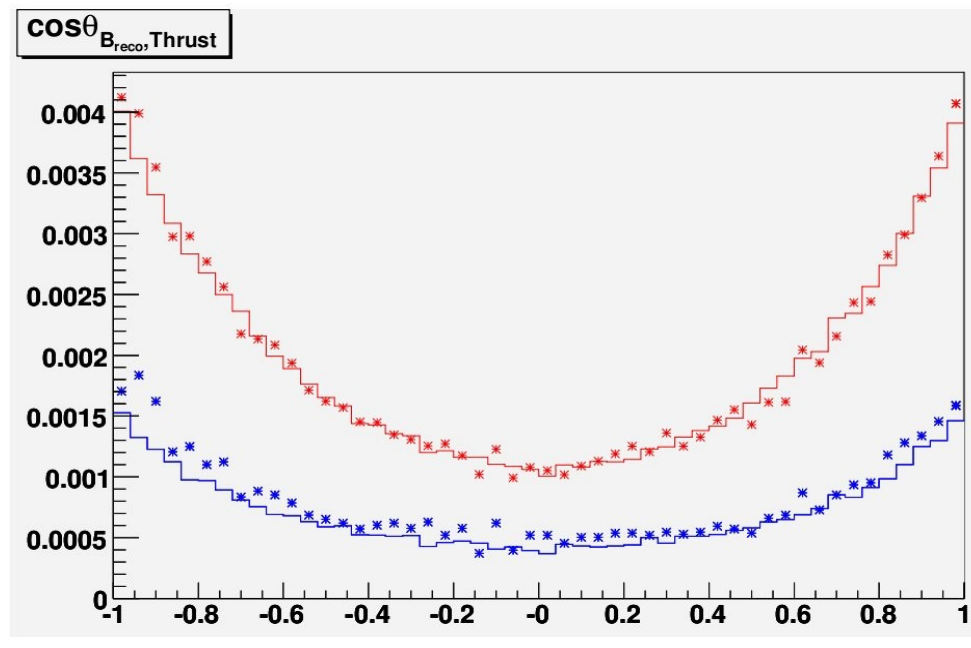
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Neutral Sample



Charged Sample



HD Breco Checks

Breco variables

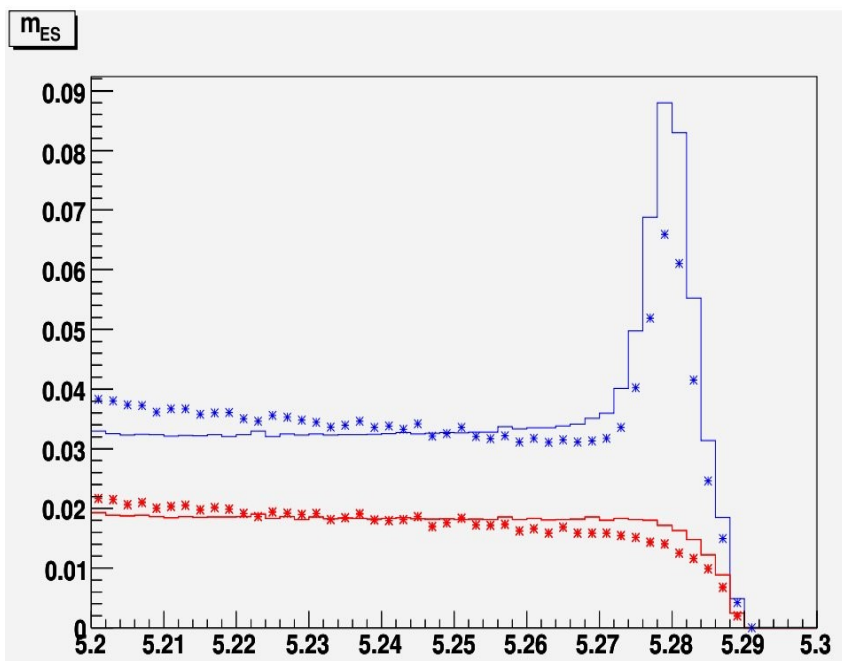
Histos = FastSim

Dots = FullSim

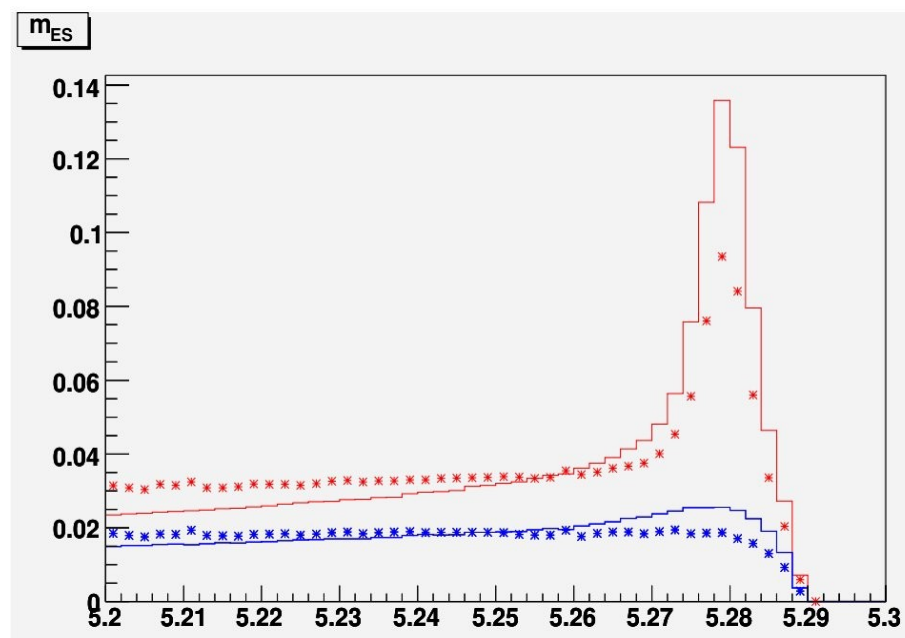
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Neutral Sample



Charged Sample



HD Breco Checks

Breco variables

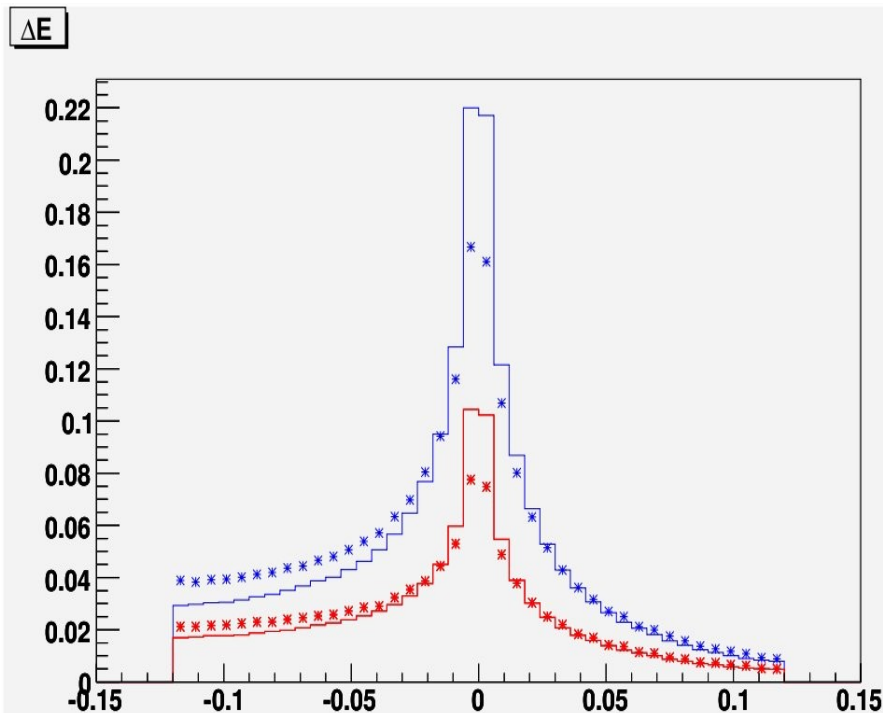
Histos = FastSim

Dots = FullSim

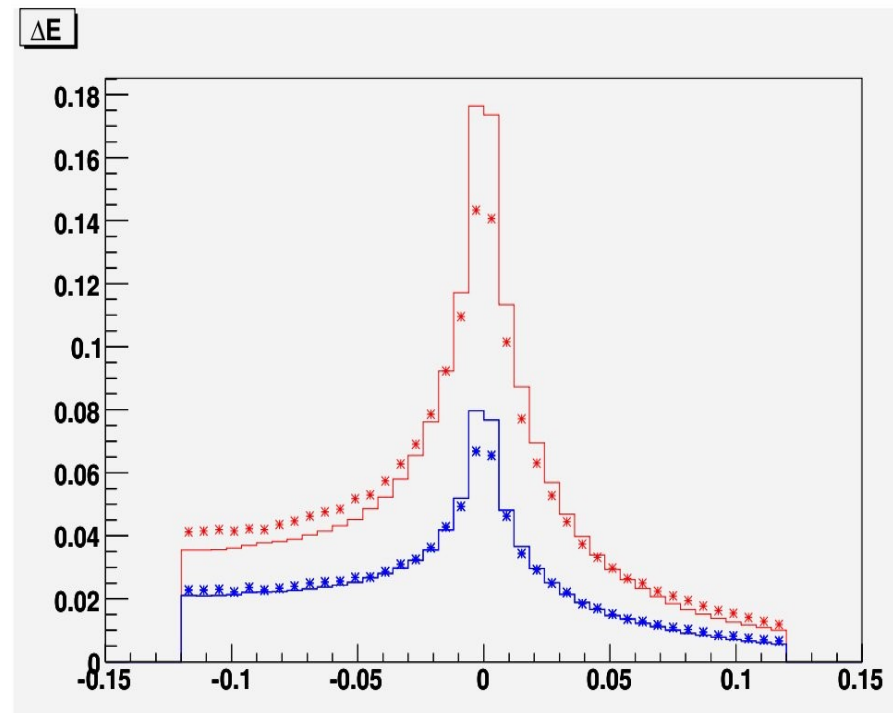
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Neutral Sample



Charged Sample



HD Breco Checks

Breco variables

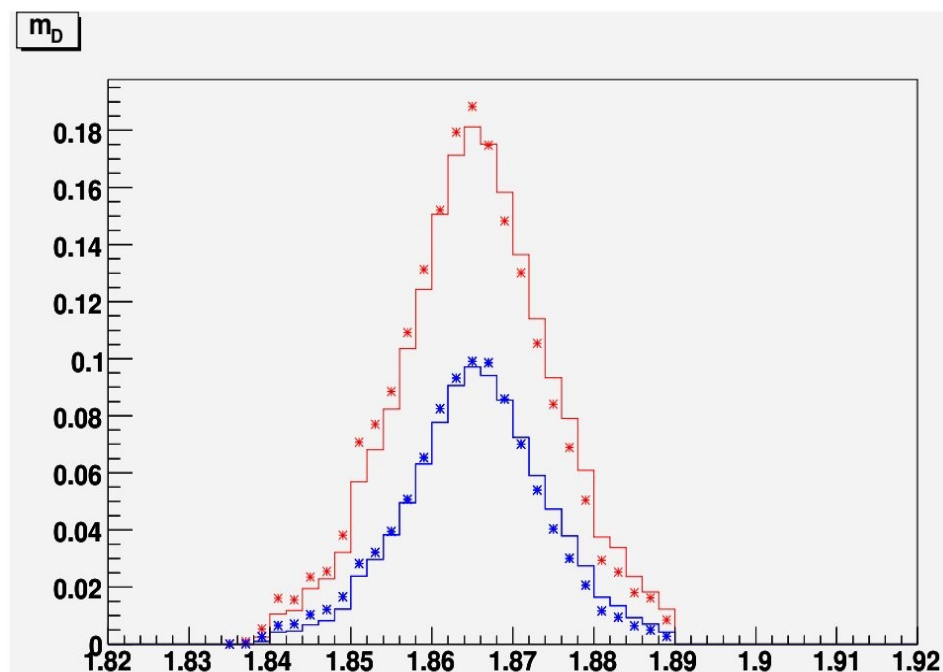
Histos = FastSim

Dots = FullSim

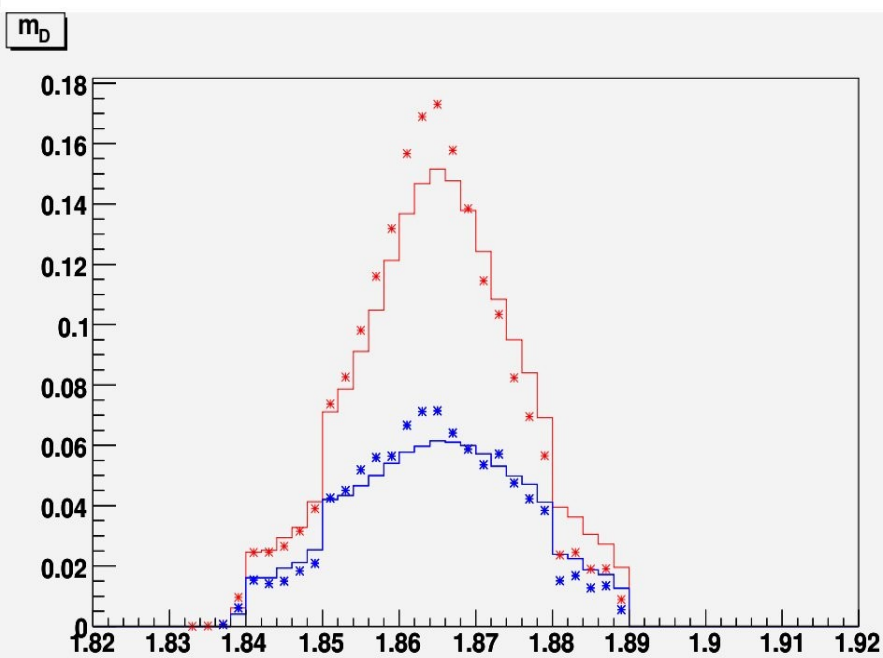
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HD Breco Checks

Breco variables

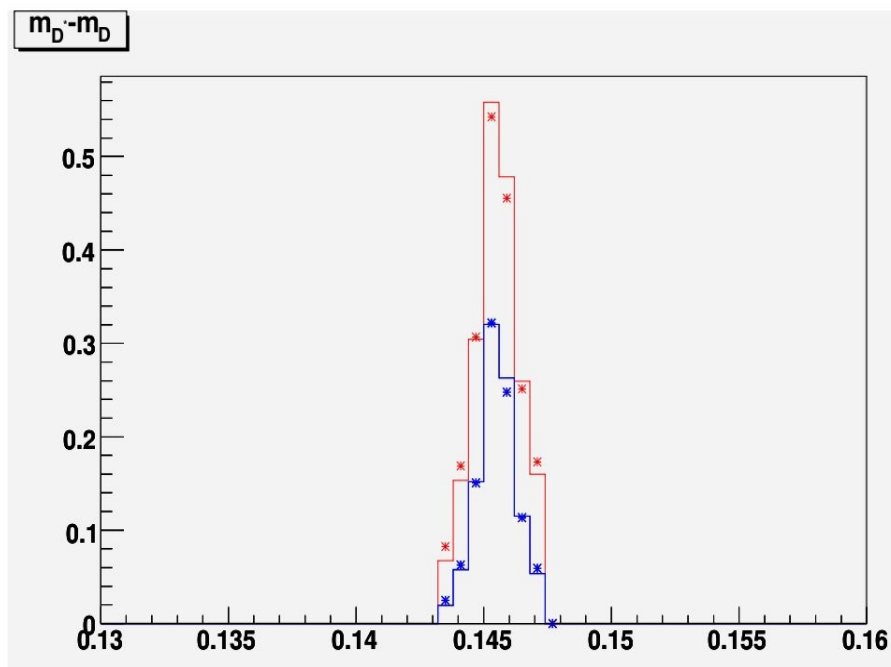
Histos = FastSim

Dots = FullSim

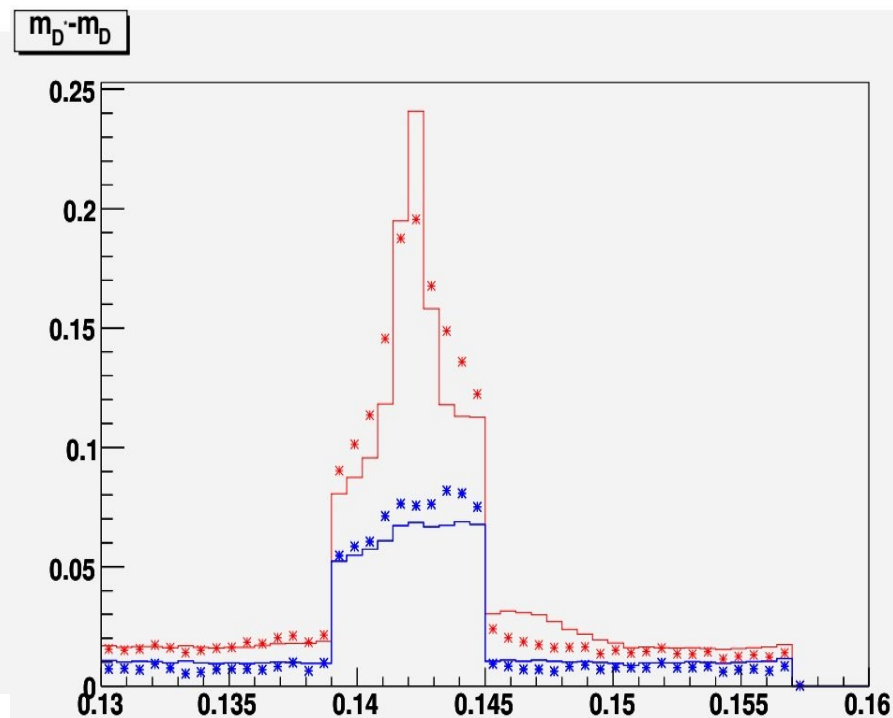
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Charged Sample



HD Breco Checks

Breco variables

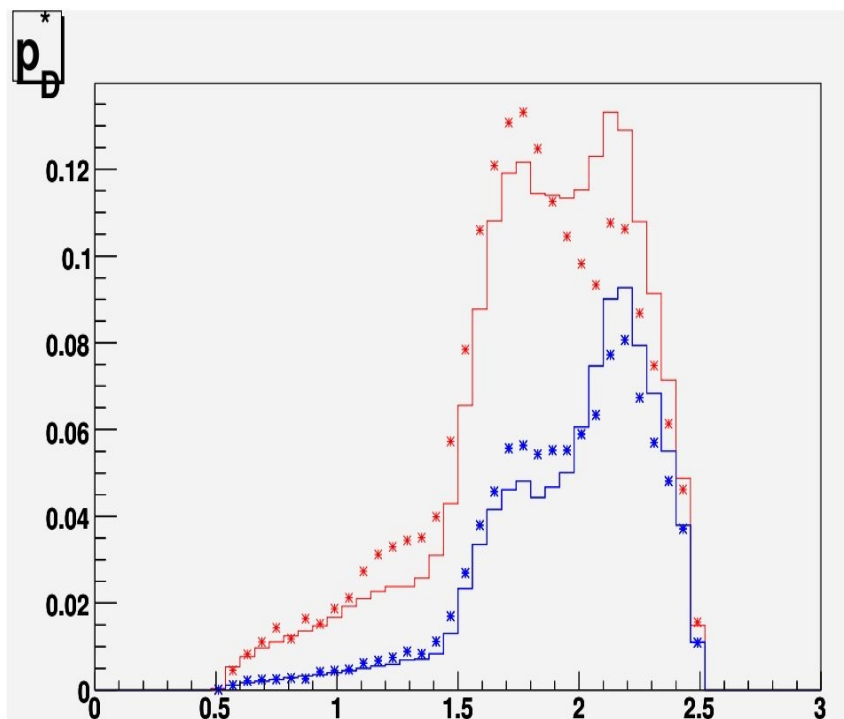
Histos = FastSim

Dots = FullSim

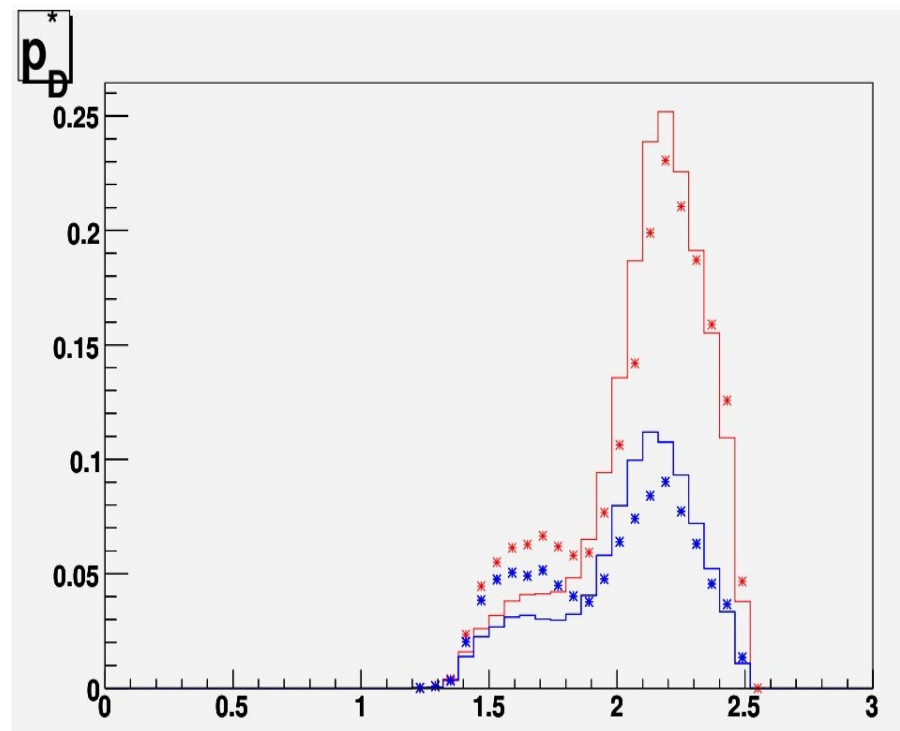
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HD Breco Checks

Breco variables

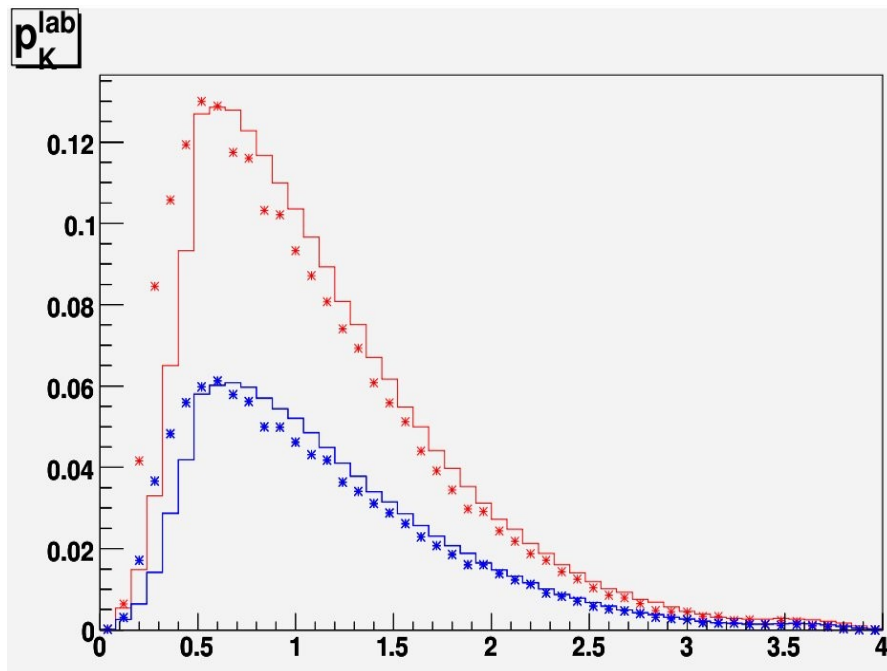
Histos = FastSim

Dots = FullSim

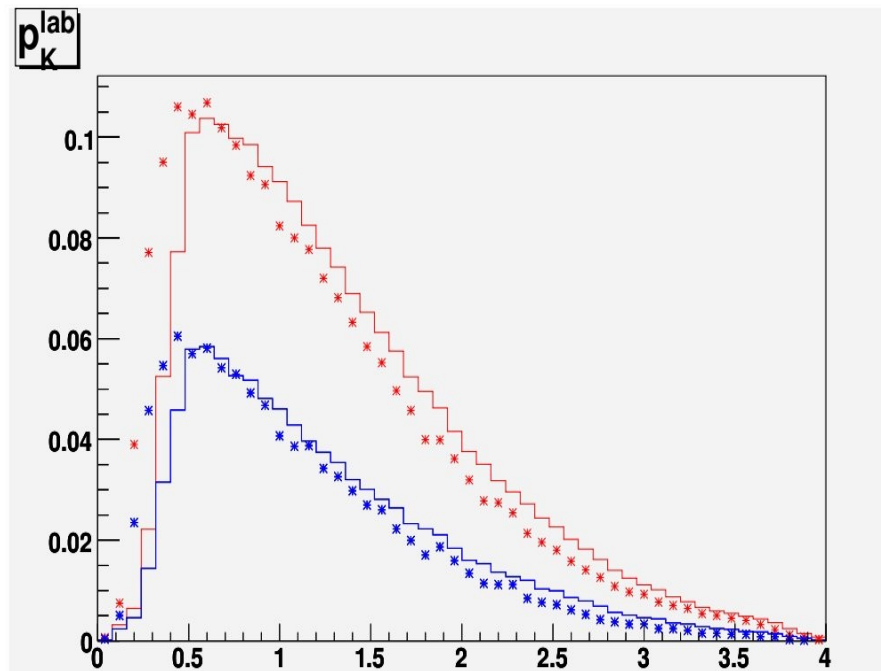
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HD Breco Checks

Breco variables

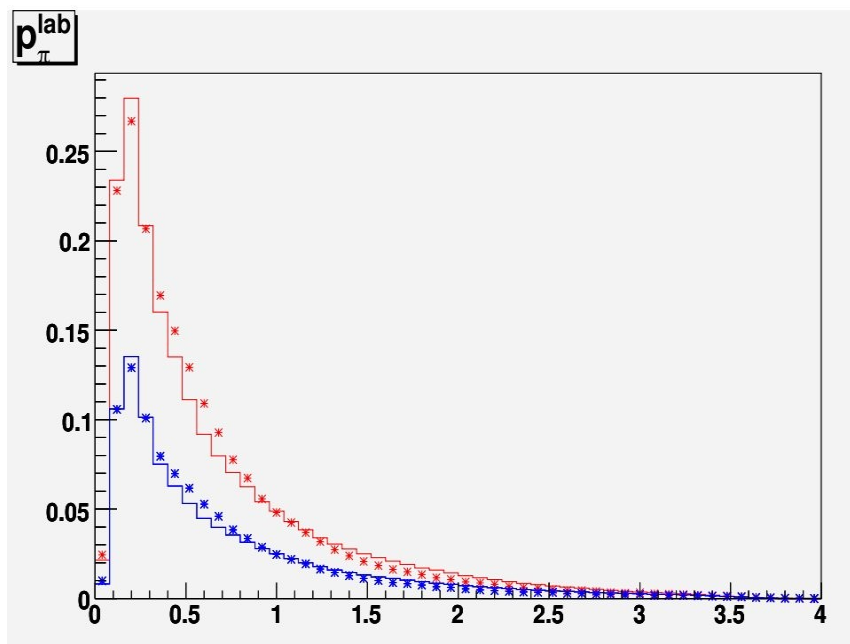
Histos = FastSim

Dots = FullSim

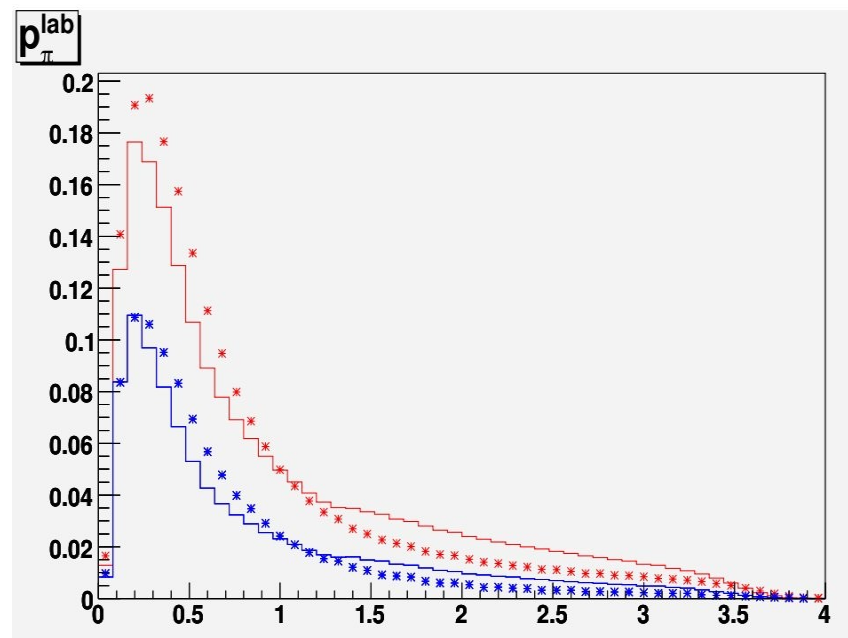
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HD Breco Checks

Breco variables

Histos = FastSim

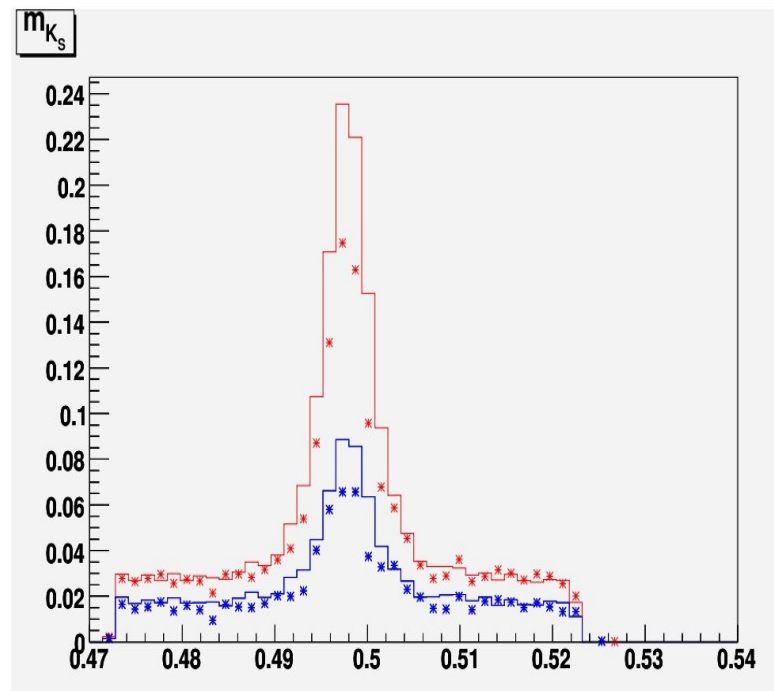
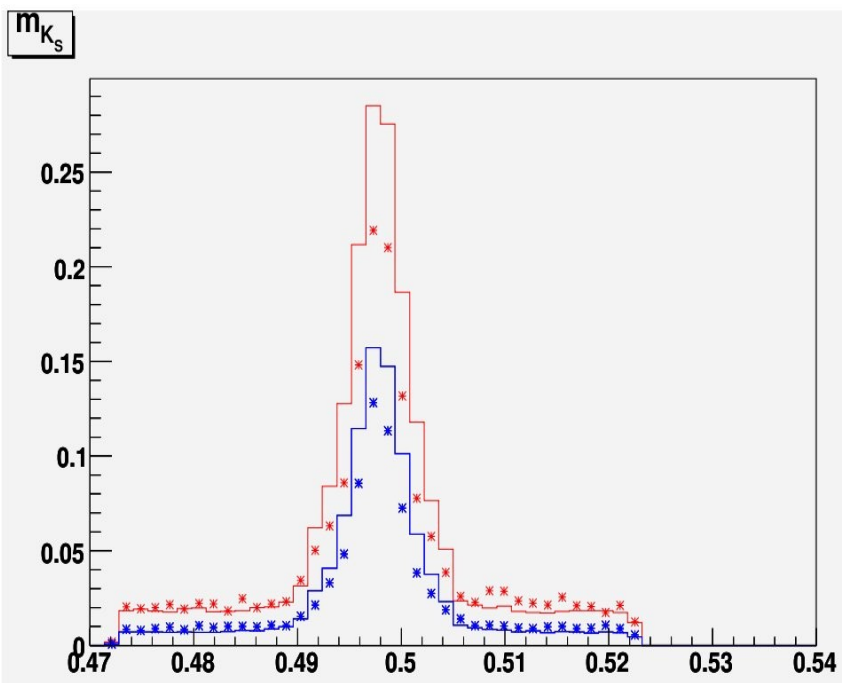
Dots = FullSim

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Backup