

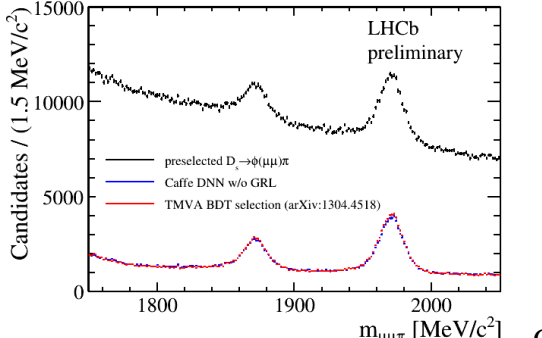
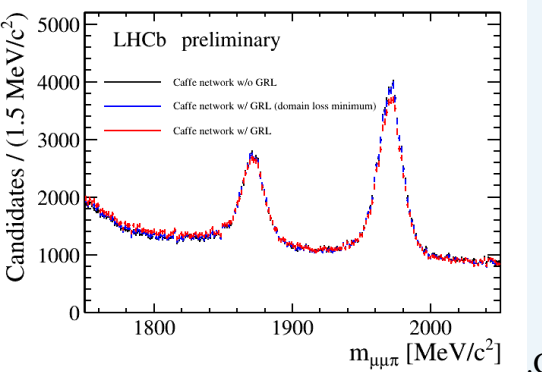
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Plots for Conference about Miscellaneous topics of PPTS

deep neural networks with domain adaptation

Discussed at the PPTS meeting on 4th April 2016, contribution [↗](#)

Plot	Description
 <p data-bbox="199 873 295 907">.png .pdf</p>	<p data-bbox="751 517 1495 683">A proof of principle that caffe trained deep neural networks do the job of signal/background separation, in the ballpark of what we're used to from TMVA. This shall demonstrate that the caffe test setup works in principle and we can assume trainings have converged and we can go on to the next step</p>
 <p data-bbox="199 1288 295 1319">.png .pdf</p>	<p data-bbox="751 907 1495 1019">A by-eye comparison of networks with and without domain adaptation. The signal to background is hardly distinguishable, the network without domain adaptation is even a bit better.</p>

-- SilviaBorghi - 2016-04-07

This topic: LHCb > PPTSConferencePlots

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