

Extra plots for face-to-face meeting

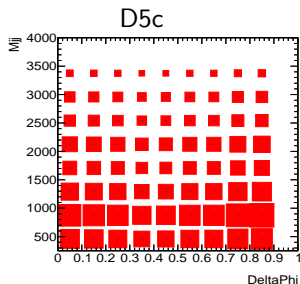
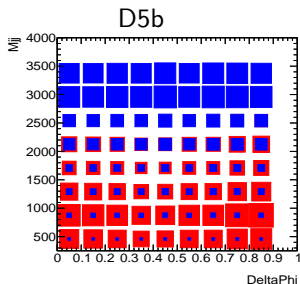
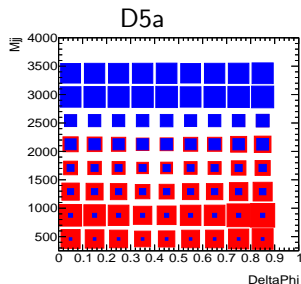
Rebecca Pickles, Darren Price

April 19, 2016



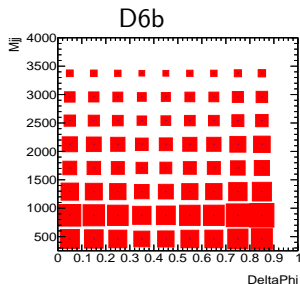
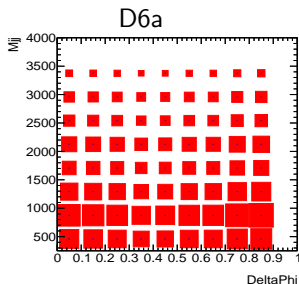
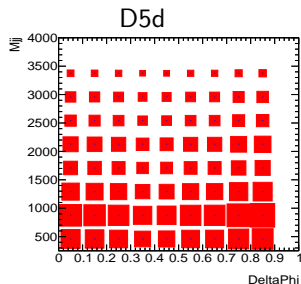
2D comparisons : DM Mass = 100 GeV

Red = EWK+QCD SM($Z \rightarrow \nu\nu$)jj; Blue = DM model



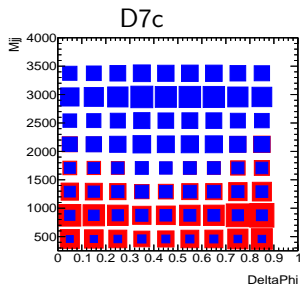
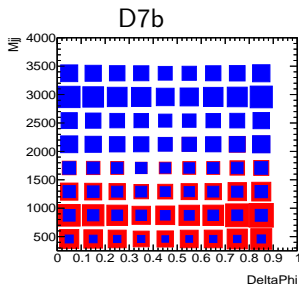
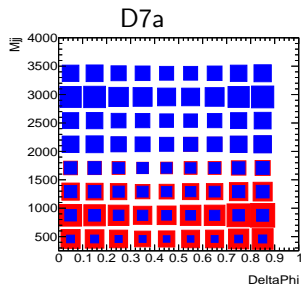
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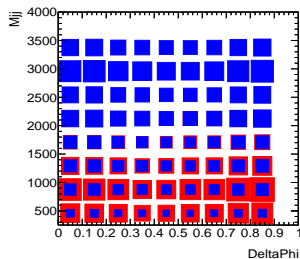
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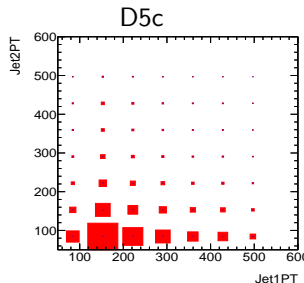
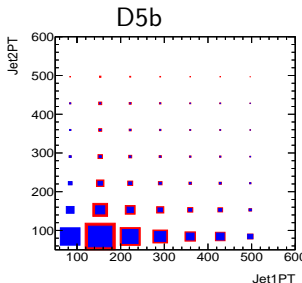
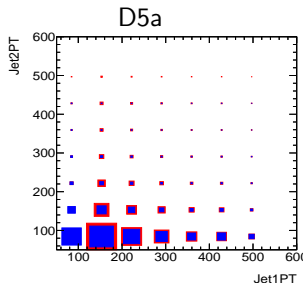
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D7a

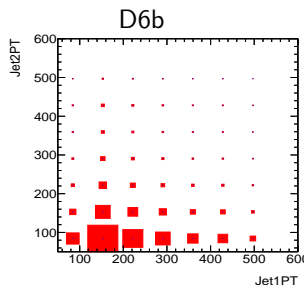
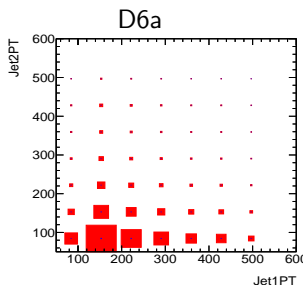
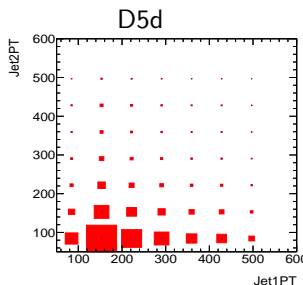
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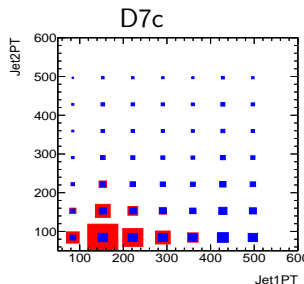
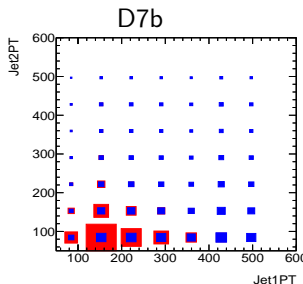
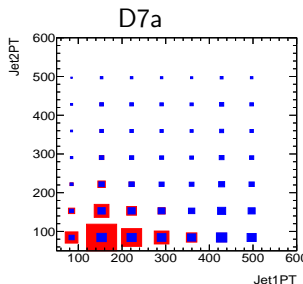
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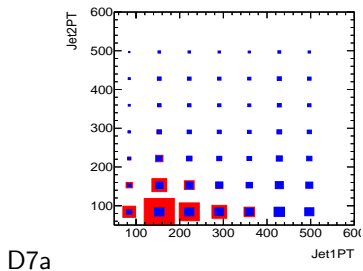
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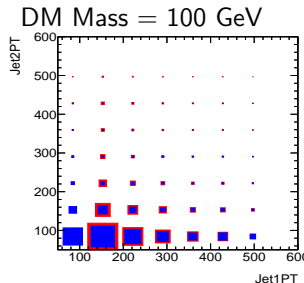
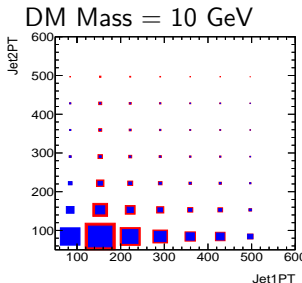
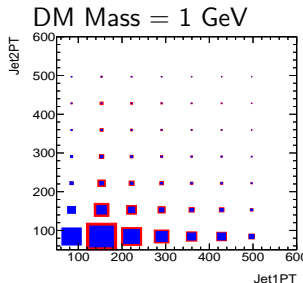
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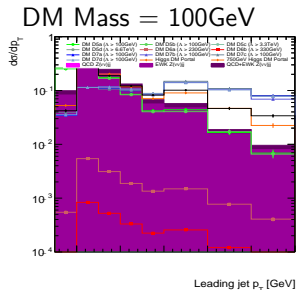
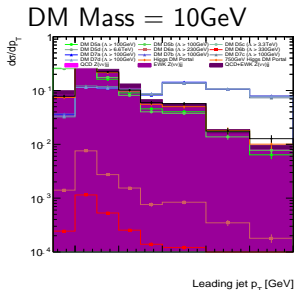
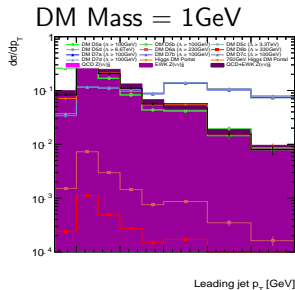


2D comparisons : D5a

Red = EWK+QCD SM($Z \rightarrow \nu\nu$)jj; Blue = DM model

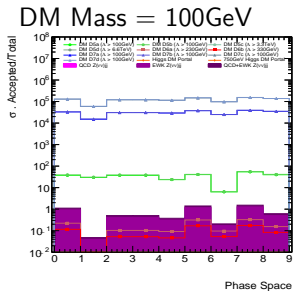
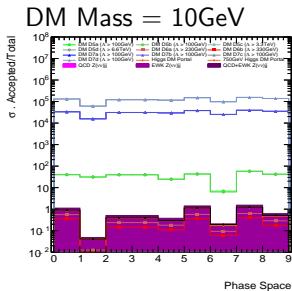
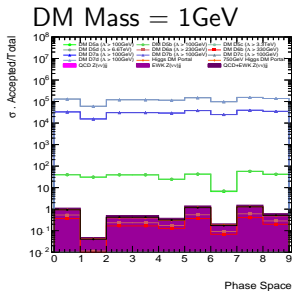


Jet1PT plots

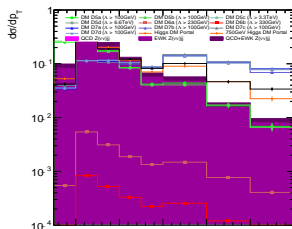
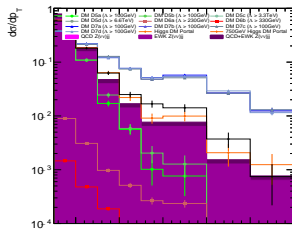


Cross Section Plots

VBFD M = 3; VBFD M(Jet1PT=100) = 4; Monojet = 5; VBFD M OR Monojet = 7.



Differential Cross Section Plots : VBFDM OR Monojet :
DM Mass = 100GeV

Leading jet p_T [GeV]Second jet p_T [GeV]