

Updates

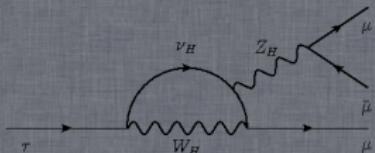
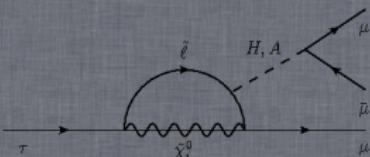
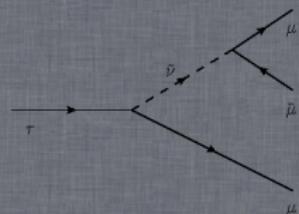
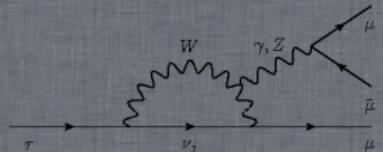
Marcin Chrząszcz^{1,2}

¹ University of Zurich , ² Institute of Nuclear Physics, Krakow,

March 13, 2014

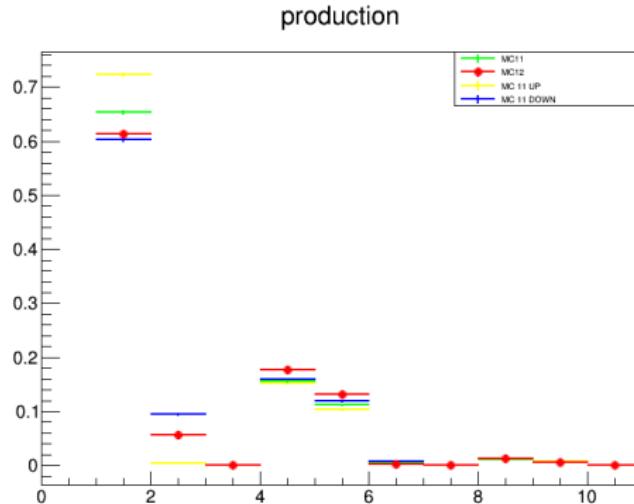


University of
Zurich UZH



Errors?

- Compared 2011 ntuples and 2012 in terms of τ production.



Errors?

- But this isn't the correct error!
- The error here comes from cross sections and branching fractions.
- After long discussions with Jon we believe the problem was in rounding in 2011 weights.

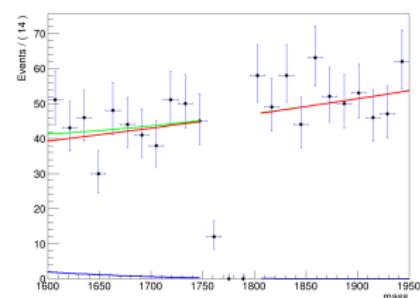
P.S. Triggers for 2012 are ready! Jon will comment more

η background REMINDER

- I fixed the η background PDF.
- Without any constraints the pdf in some bins fluctuates to 0, which is wrong.
- Now made repeated the fit with constraints(gauss+pois).

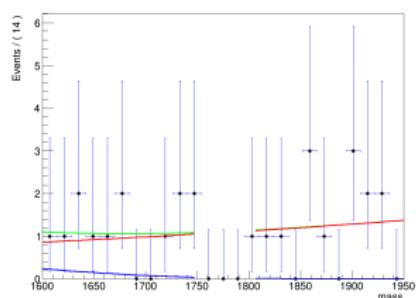
η background

A RooPlot of "mass"



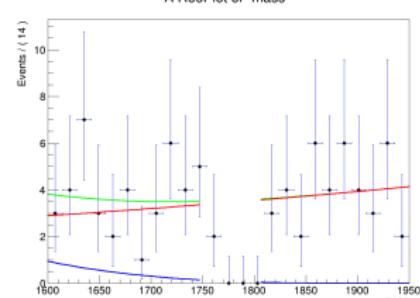
Pid0.4 – 0.45, Blend 0. – 0.28

A RooPlot of "mass"



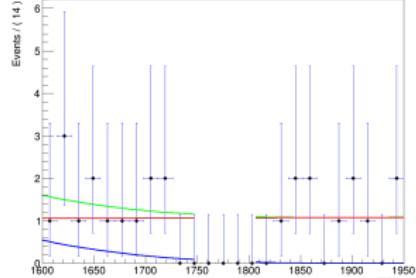
Pid0.4 – 0.45, Blend 0.28 – 0.32

A RooPlot of "mass"



Pid0.4 – 0.45, Blend 0.32 – 0.46

A RooPlot of "mass"

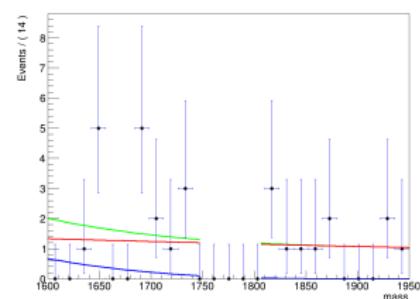


Pid0.4 – 0.45, Blend 0.46 – 0.54

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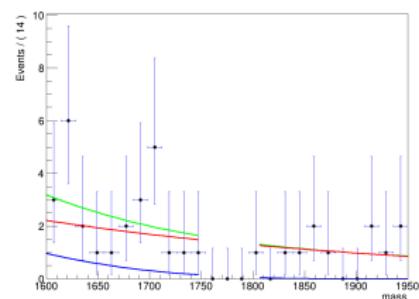
η background

A RooPlot of "mass"



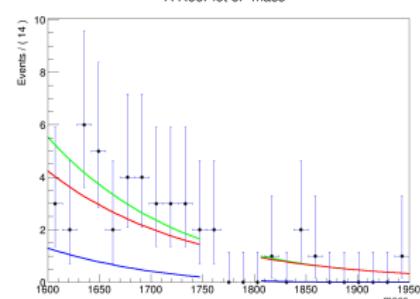
Pid0.4 – 0.45, Blend 0.54 – 0.65

A RooPlot of "mass"



Pid0.4 – 0.45, Blend 0.65 – 0.80

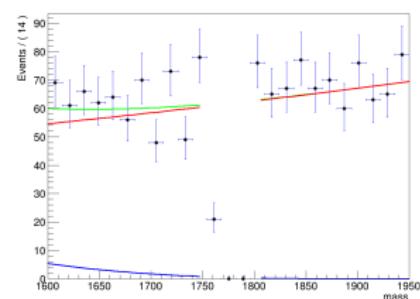
A RooPlot of "mass"



Pid0.4 – 0.45, Blend 0.8 – 1.0

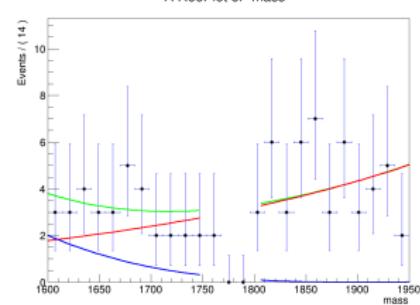
η background

A RooPlot of "mass"



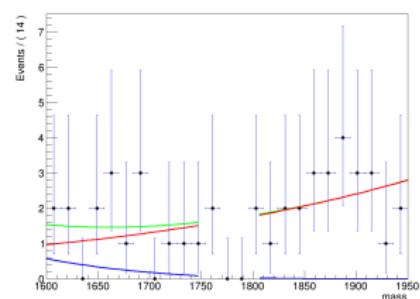
Pid0.45 – 0.54, Blend 0. – 0.28

A RooPlot of "mass"



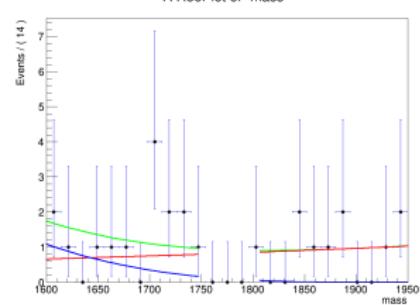
Pid0.45 – 0.54, Blend 0.32 – 0.46

A RooPlot of "mass"



Pid0.45 – 0.54, Blend 0.28 – 0.32

A RooPlot of "mass"

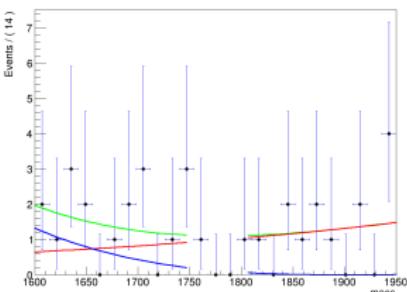


Pid0.45 – 0.54, Blend 0.46 – 0.54

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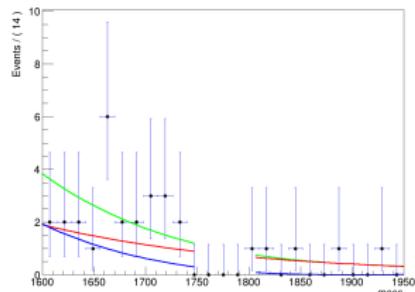
η background

A RooPlot of "mass"



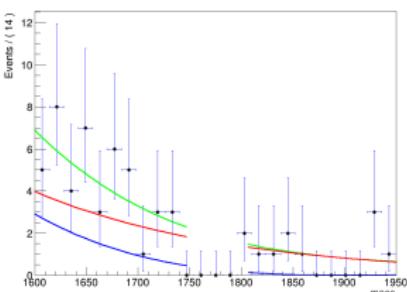
Pid0.45 – 0.54, Blend 0.54 – 0.65

A RooPlot of "mass"



Pid0.45 – 0.54, Blend 0.65 – 0.80

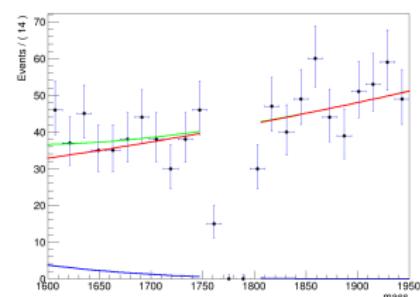
A RooPlot of "mass"



Pid0.45 – 0.54, Blend 0.8 – 1.0

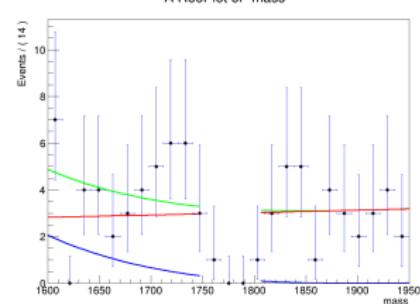
η background

A RooPlot of "mass"



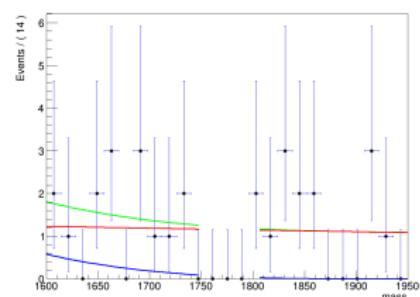
Pid0.54 – 0.63, Blend 0. – 0.28

A RooPlot of "mass"



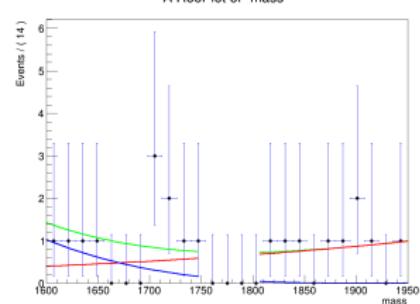
Pid0.54 – 0.63, Blend 0.32 – 0.46

A RooPlot of "mass"



Pid0.54 – 0.63, Blend 0.28 – 0.32

A RooPlot of "mass"

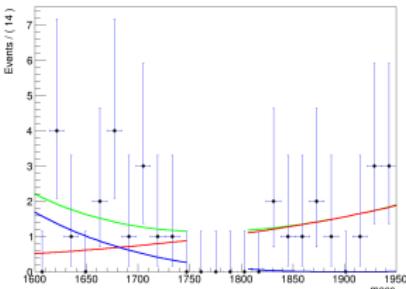


Pid0.54 – 0.63, Blend 0.46 – 0.54

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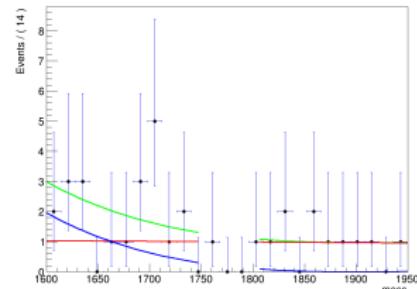
η background

A RooPlot of "mass"



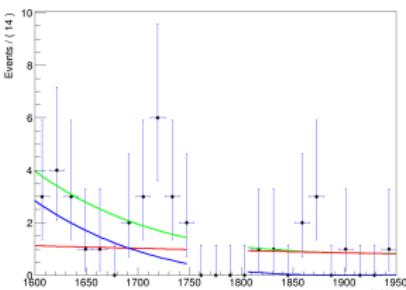
Pid0.54 – 0.63, Blend 0.54 – 0.65

A RooPlot of "mass"



Pid0.54 – 0.63, Blend 0.65 – 0.80

A RooPlot of "mass"

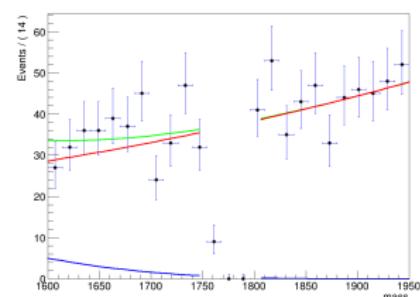


Pid0.54 – 0.63, Blend 0.8 – 1.0

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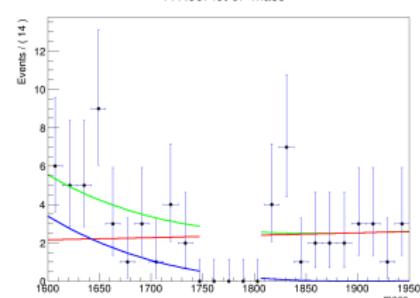
η background

A RooPlot of "mass"



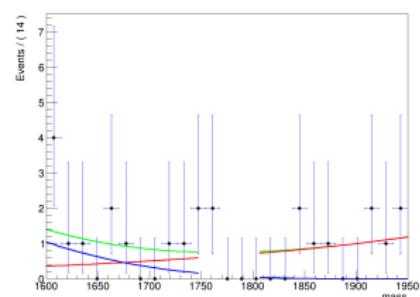
Pid0.63 – 0.75, Blend 0. – 0.28

A RooPlot of "mass"



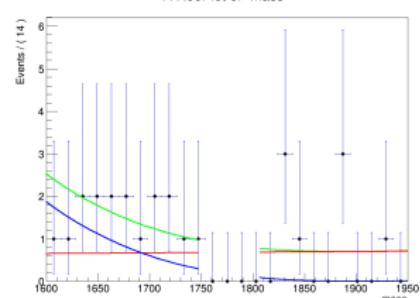
Pid0.63 – 0.75, Blend 0.32 – 0.46

A RooPlot of "mass"



Pid0.63 – 0.75, Blend 0.28 – 0.32

A RooPlot of "mass"

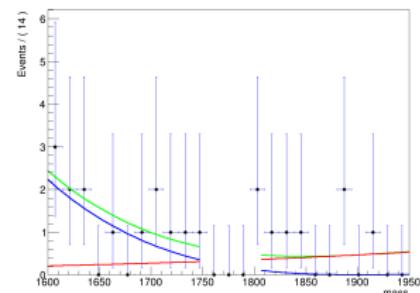


Pid0.63 – 0.75, Blend 0.46 – 0.54

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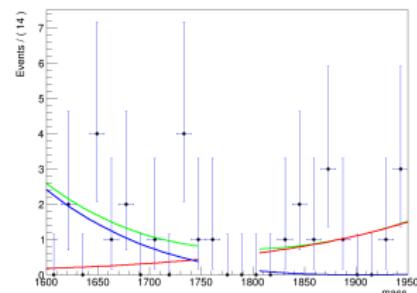
η background

A RooPlot of "mass"



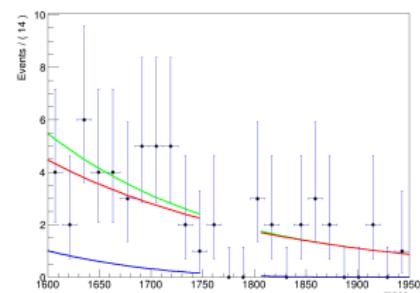
Pid0.63 – 0.75, Blend 0.54 – 0.65

A RooPlot of "mass"



Pid0.63 – 0.75, Blend 0.65 – 0.80

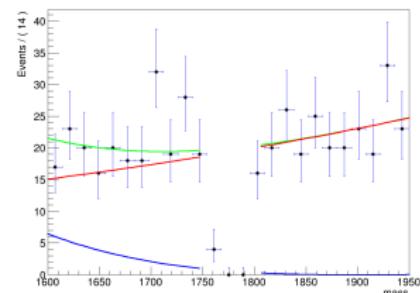
A RooPlot of "mass"



Pid0.63 – 0.75, Blend 0.8 – 1.0

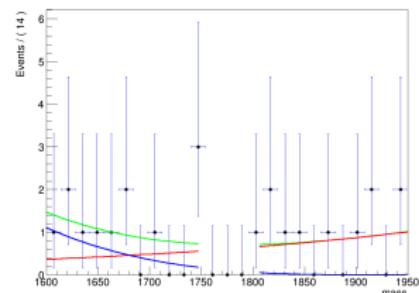
η background

A RooPlot of "mass"



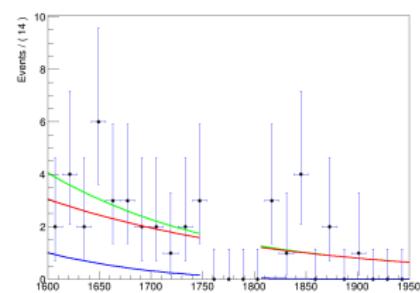
Pid0.75 – 1, Blend 0. – 0.28

A RooPlot of "mass"



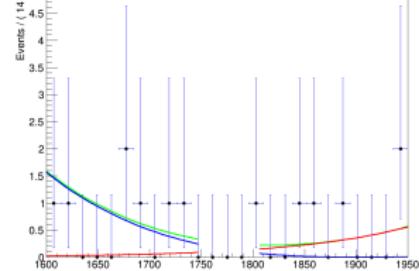
Pid0.75 – 1, Blend 0.28 – 0.32

A RooPlot of "mass"



Pid0.75 – 1, Blend 0.32 – 0.46

A RooPlot of "mass"

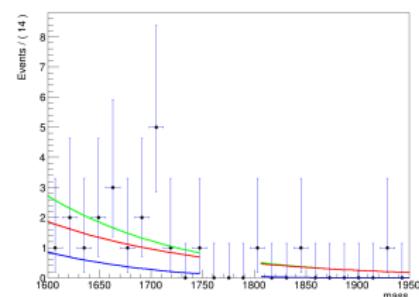


Pid0.75 – 1, Blend 0.46 – 0.54

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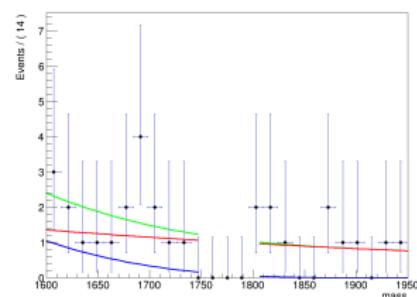
η background

A RooPlot of "mass"



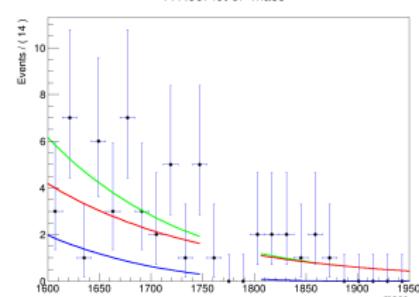
Pid0.75 – 1, Blend 0.54 – 0.65

A RooPlot of "mass"



Pid0.75 – 1, Blend 0.65 – 0.80

A RooPlot of "mass"



Pid0.75 – 1, Blend 0.8 – 1.0