

VBF Higgs to Invisible - Update

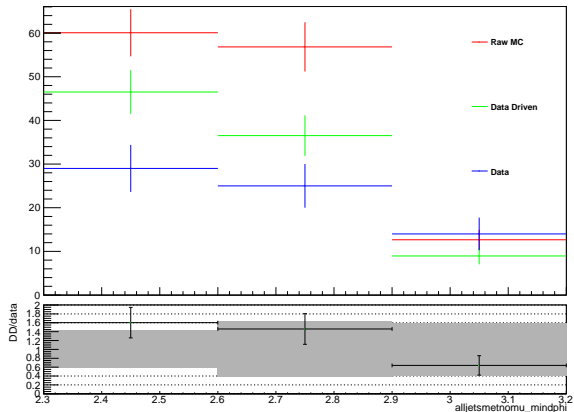
HIG-14-038, AN-14-243

P. Dunne

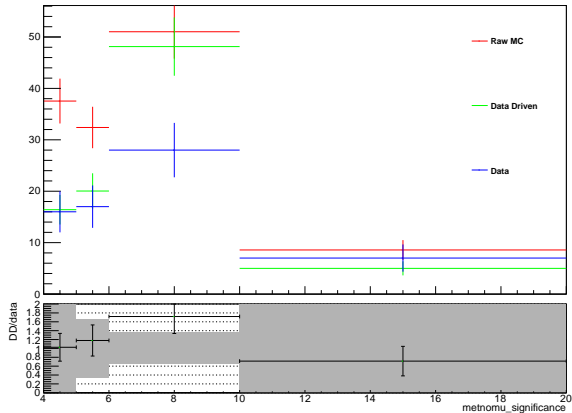
Overview

- ▶ Preapproved with conditions
- ▶ Already done:
 - Investigate tau veto
 - Clarify documentation
 - Get data cards approved
- ▶ In progress:
- ▶ Closure tests

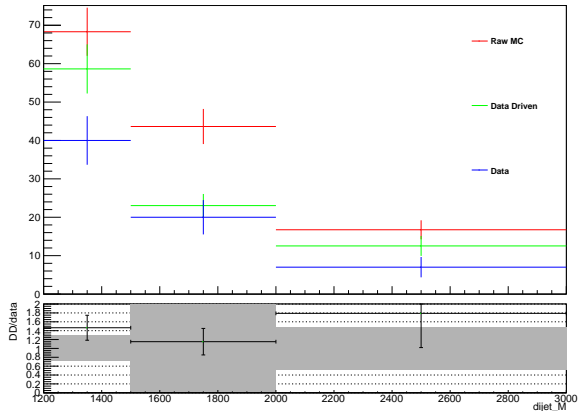
enu closure



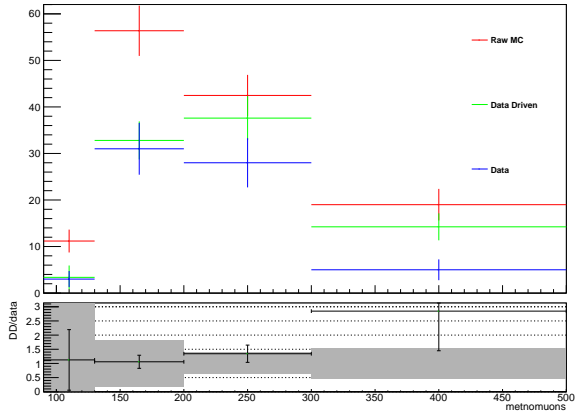
enu closure



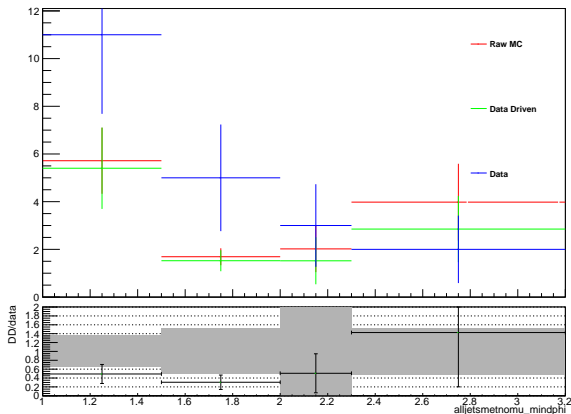
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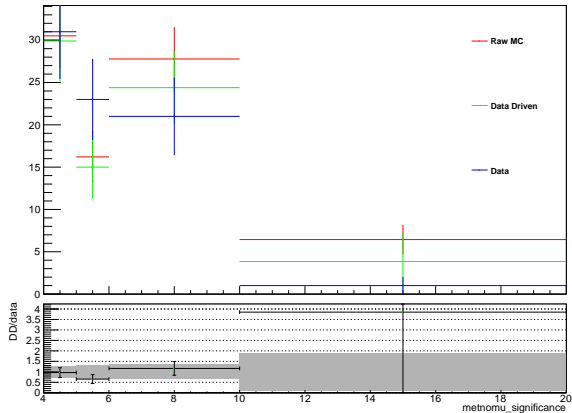
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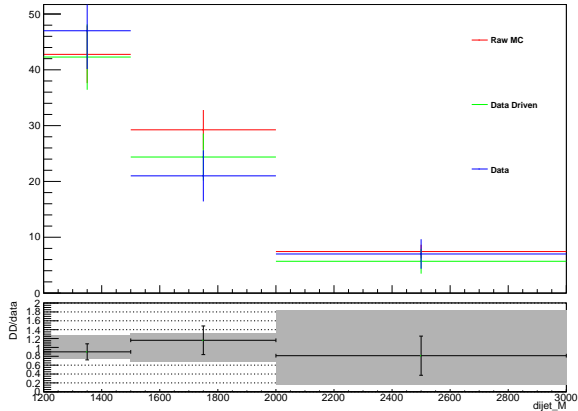
taunu closure



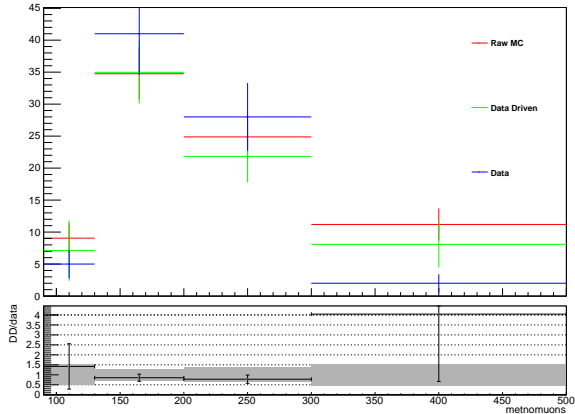
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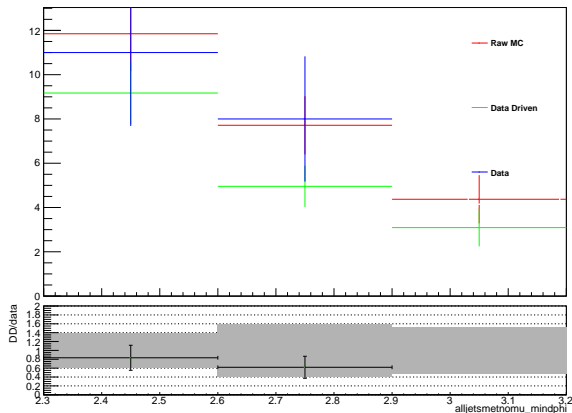
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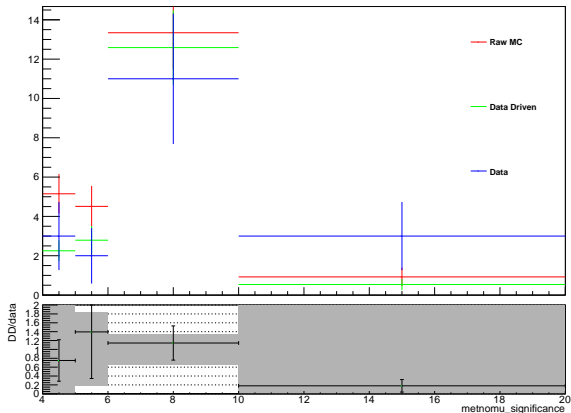
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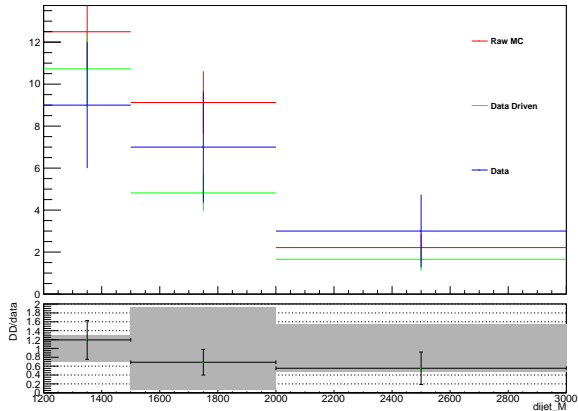
mumu closure



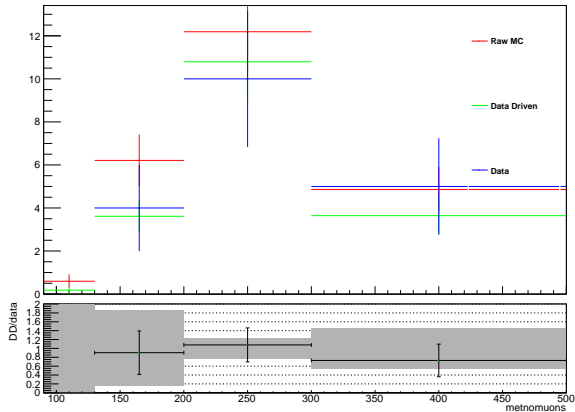
mumu closure



mumu closure



mumu closure



Conclusion

- ▶ Most plots inside systematic band

Backup