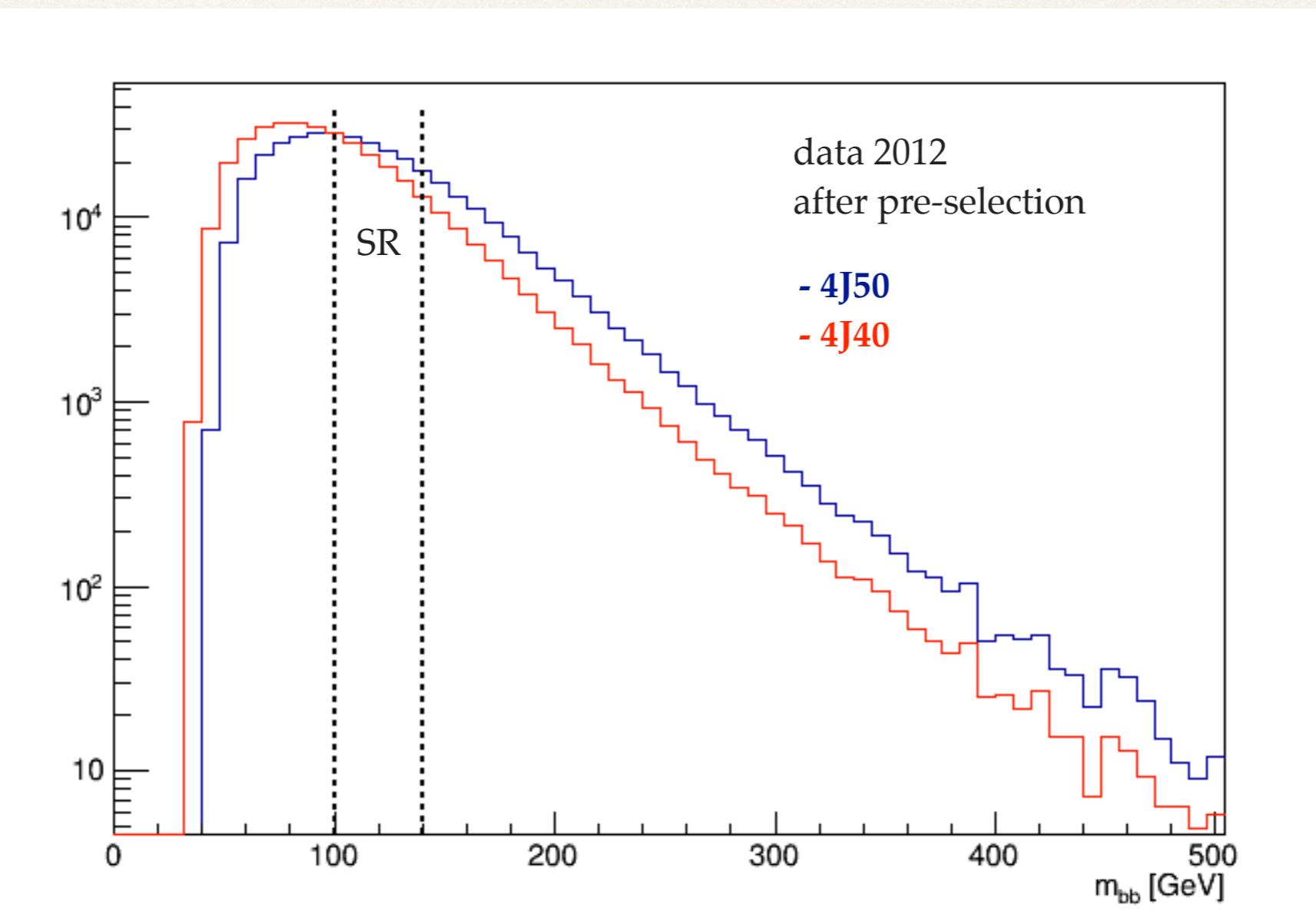


VBF - News & status

- ❖ high stat. mc11 signal samples (VBF and gg filtered) AODs done on Saturday; D3PDs requested and running (next week?)
- ❖ report at last HSG5 (<https://indico.cern.ch/event/281796/contribution/4/material/slides/0.pdf>)
 - ❖ b-jet calibrations —> conclusione ?
 - ❖ work below trigger plateau —> sembra OK (ttH fa lo stesso), ma avremmo bisogno di qualcosa di concreto
 - ❖ re-visiting event selection and MVA —> OK, on-going
 - ❖ data control sample —> anti b-tag sembra non percorribile, ritorno ai 5-jets
 - ❖ internal note —> prima versione in ~2 settimane

4J40 vs. 4J50

- ❖ Moving to a lower p_T threshold will also help in having a bit kinder m_{bb} left sideband shape:



My to-do-list (2-3 weeks)

1. preparare ntuple 5-jets per Fabrizio
2. continuare lavoro su event selection
3. studio della MVA
4. ripetere 2. e 3. per i mc11 samples
5. scrivere nota

Need help for (2-3 weeks):

1. background estimate (**Fabrizio**)
2. trigger below plateau (?)
3. scrivere alcuni dei paragrafi (**many**)
4. trigger 2015 (**me & Andrea Fa.**) realisticamente non avremo avanzamenti su questa timescale —> puntiamo ai workshops (trigger e Higgs)

Elisa
Elisa
Elisa
Elisa
+ help

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chi si incarica del trigger below plateau



quando avremo una strategia

strategia per le sistematiche standard (ovviamente non numeri)

Dappertutto: cross-check dei senior

<http://www.ge.infn.it/~guido/Atlas/Hbb/internalNote/>