

status

Yu Zhang

08-17

contact with Marc

- confirm the bug about jet information
- Isolation is different in last tag
- I suspect the order of selection may affect
I:PID->Iso->relative pT
Marc:relative pT->PID->Iso
- still checking that

signal modeling

- pdf:CB+Gaussian
- signal yield:use Jin's 2012 parameter and scale the lumi and XS,only find 14TeV XS
- shape para:use Jin's ,not inclusive one
- no systematic
- Marc:user his analysis with DC14 and 2012 dependence with mass(hybrid stuff)

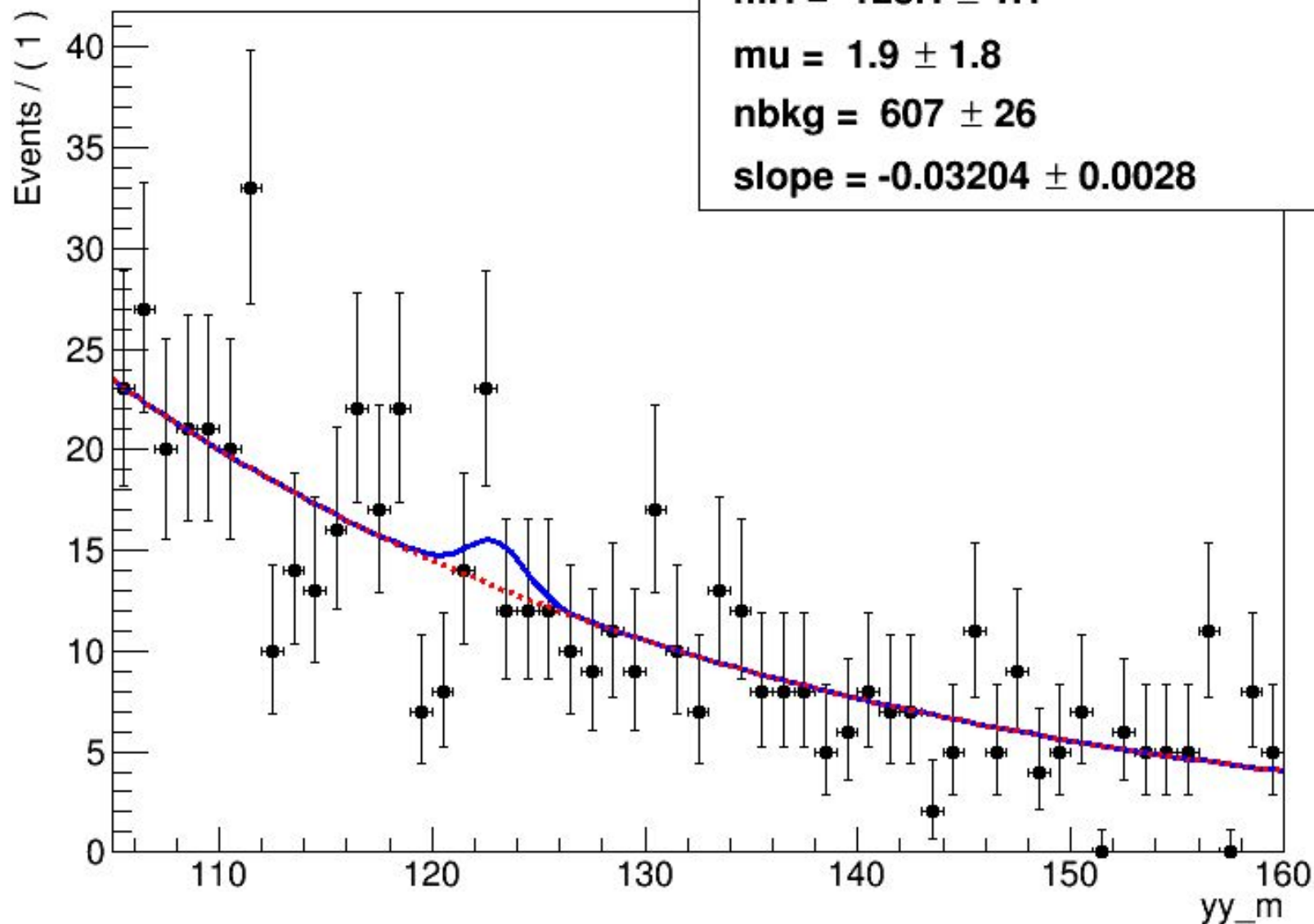
A RooPlot of "yy_m"

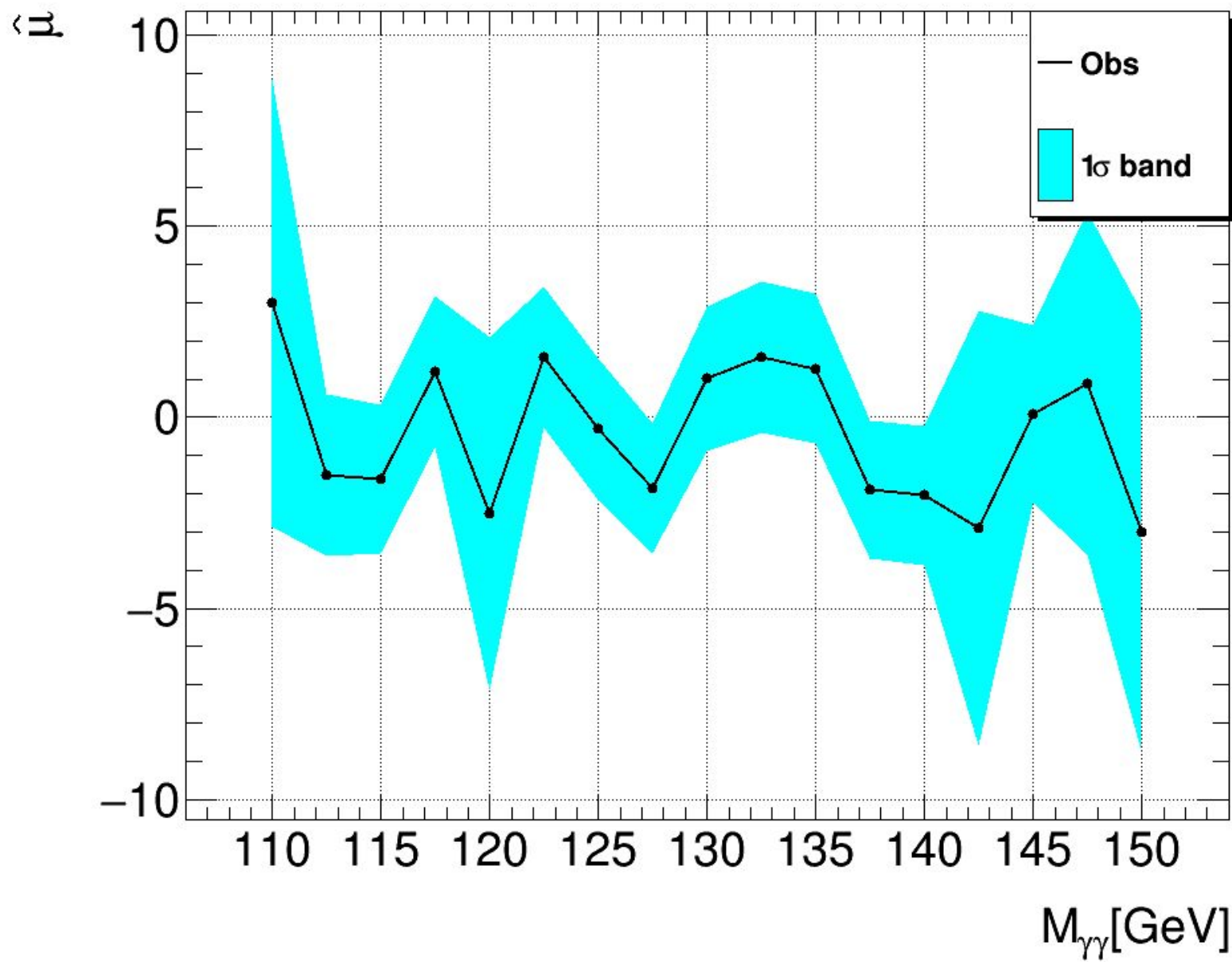
$m_H = 123.1 \pm 1.1$

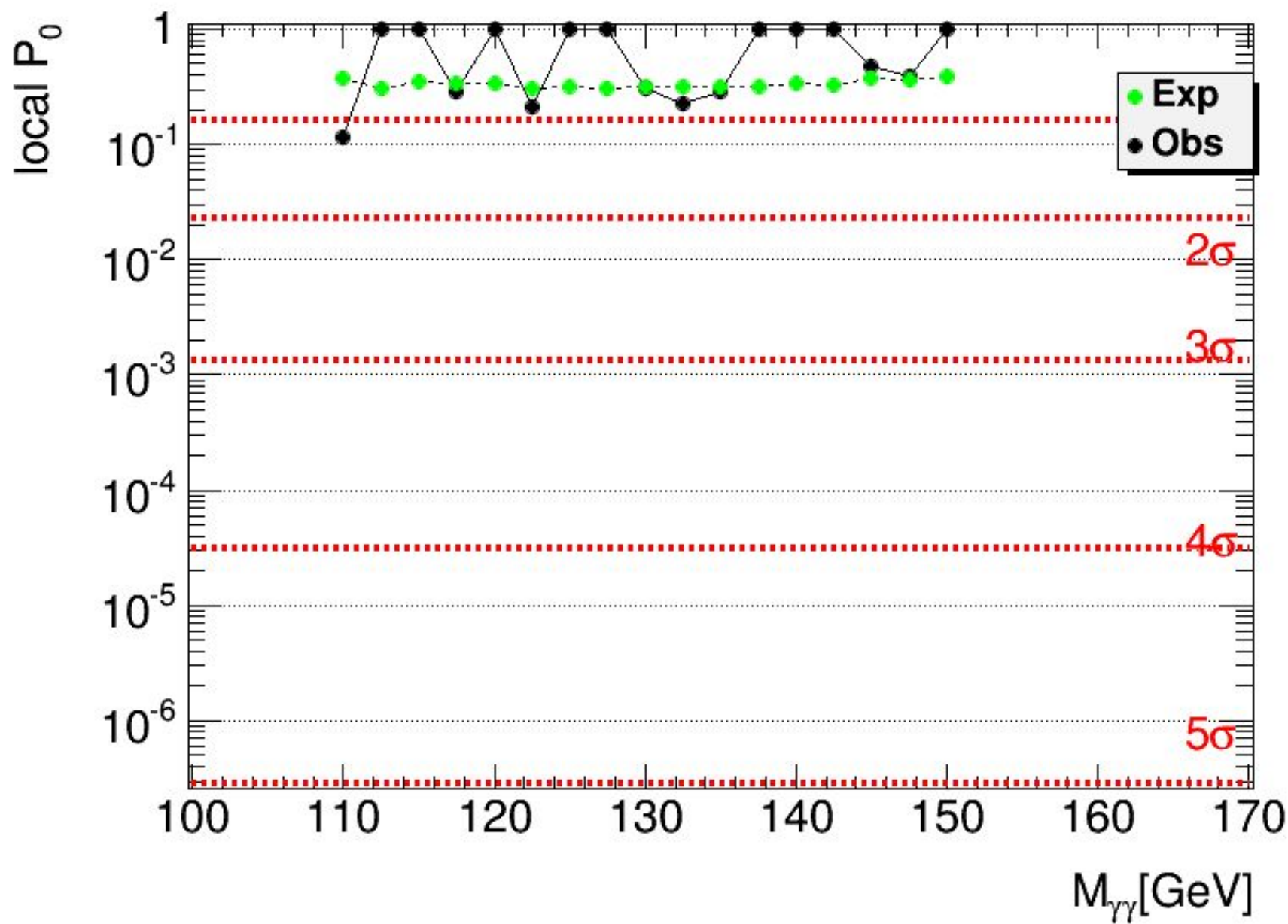
$\mu = 1.9 \pm 1.8$

$nbkg = 607 \pm 26$

$slope = -0.03204 \pm 0.0028$







upper limit

- try to run upper limit on ihep batch system and meet with some errors

Error in <TFoamCell::GetHcub >:

Something wrong with linked tree

Error in <TFoamCell::GetHSize >:

Something wrong with linked tree

- talking about it with Xiaohu and hope to solve it soon