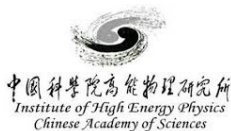




Weekly meeting

Abdualazem Fado

June 29, 2020



INSTITUTE FOR
COLLIDER
PARTICLE
PHYSICS

UNIVERSITY OF THE WITWATERSRAND



□ $4\ell + \text{MET}$ analysis

- Submitted HIGG2D1 derivation for an ald p-tag (p3980)
- Still working on debugging the HZZ code for minitrees production
- Running private p-tags for $qqZZ$, $ggZZ$, $t\bar{t}Z$, and $t\bar{t}$
- Trying to do the validation of the Muon-jet overlap bug fix
- Working on validation plots to request the 3rd production

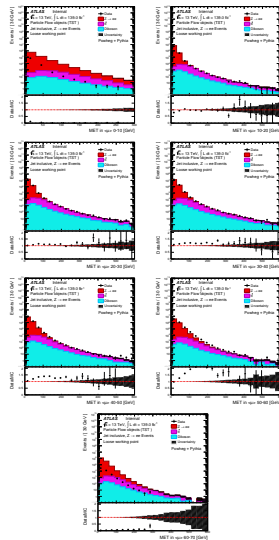
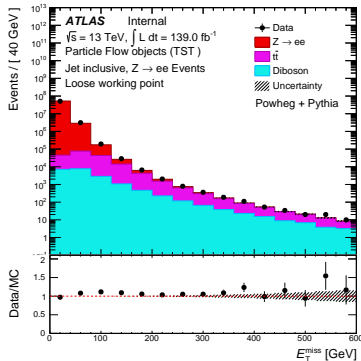
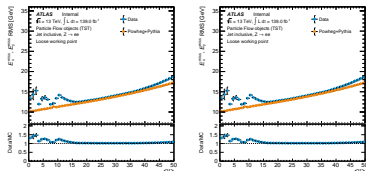
□ DiHiggs to 4ℓ -lepton analysis

- Working on the statistics to get the upper limit
- Mainly coding issues with TRExFitter

METPerformance

MET with different pile-up slices

3





Thank you!

