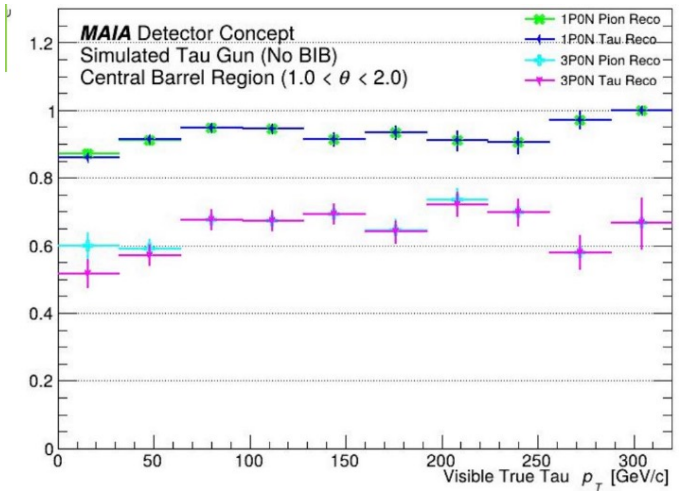
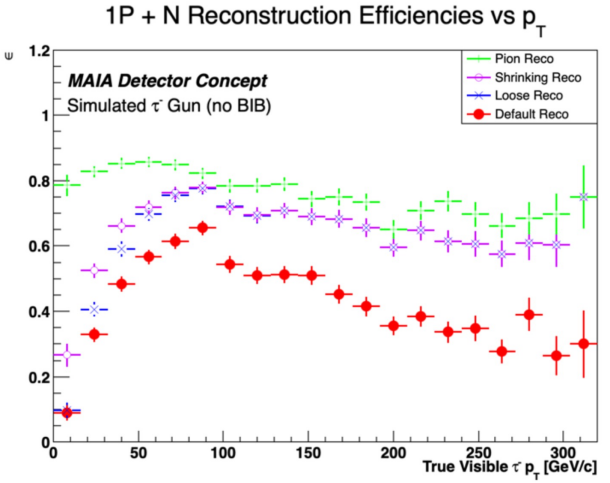
Open tasks, no BIB

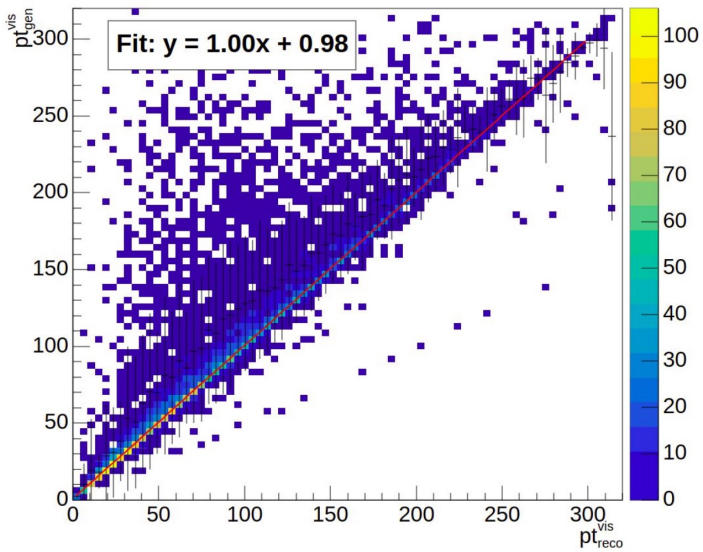
Purpose: *Create set of standard performance plots that are easy to regenerate when TauFinder is updated*

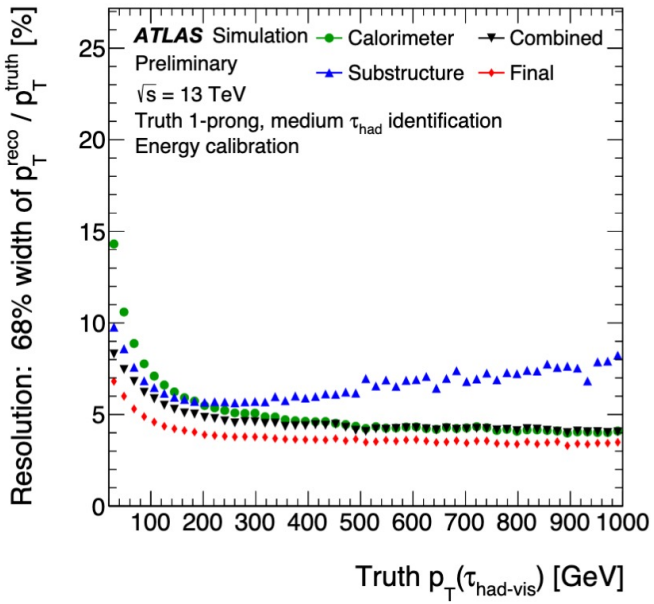
- Tau Efficiency vs. p_T and η
  - One curve per decay mode, *all one one plot!*
  - Person: *Ethan*
- Rejection on jets, electrons, and muons vs. p_T and η
  - Person: *Cyrus / Moses*
- Tau energy resolution vs p_T and η
  - Defined using width of Gaussian fit over p_T residual (like ATLAS example to the right)
  - Person: *Kevin*

- This will require some coordination to put samples in common location on the OSG.
  - Person: *Greg*







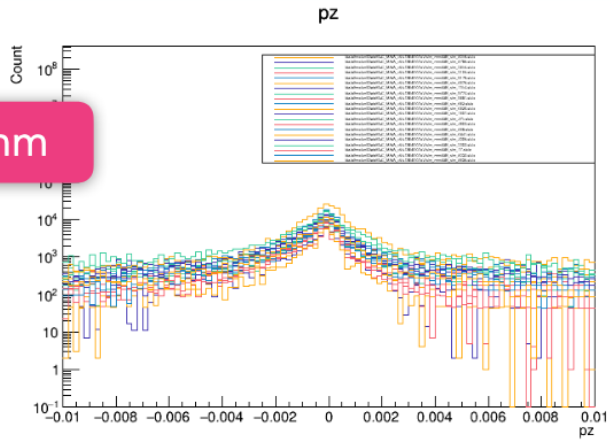


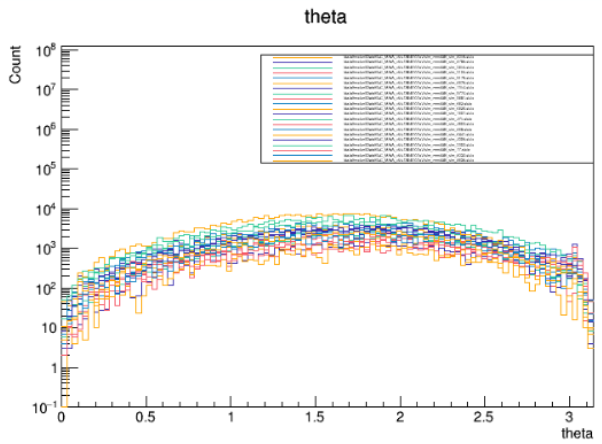
BIB Samples

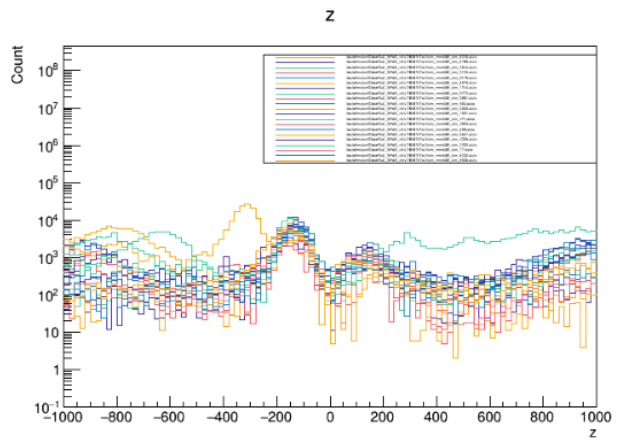
Last week MAIA's meeting:

- Tova, Rose, and Federico presented plots for the new BIB samples
- They look good!
- They are now copied to cvfms. We can resume BIB reconstruction jobs

mm







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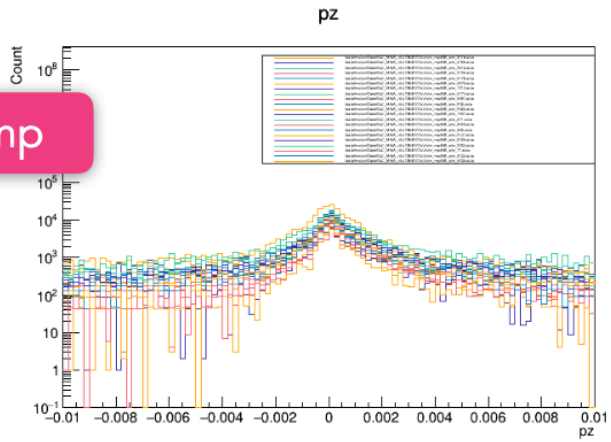

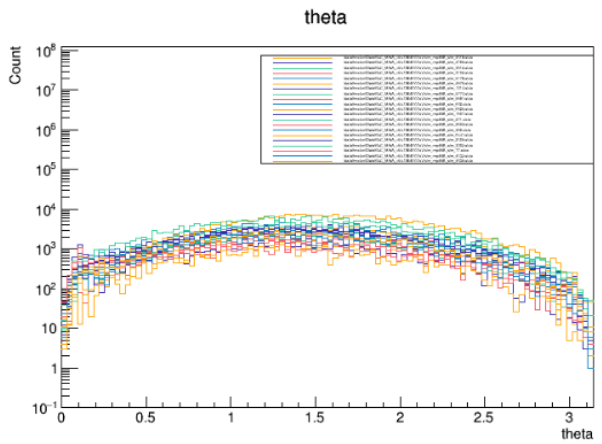

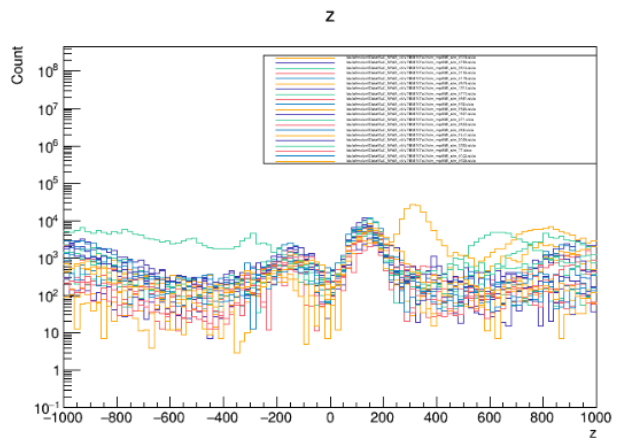

BIB Submission Planning

Sample	Analyzed without BIB?	Person	Notes
$\pi^{\pm}$ gun	Yes	Cyrus	
$e^{\pm}$ gun	Yes	T.B.D.	
$\mu^{\pm}$ gun	Yes	T.B.D.	These will be generated for MAIA paper
q/g gun / Dijet	Yes	T.B.D.	
τ gun, 20 - 250 GeV	Yes	Ethan	
τ gun, 250 – 1000 GeV	No	T.B.D.	
τ gun, 1 – 5 TeV	No	T.B.D.	Fewer events / lower priority

In all cases, it would be best to have each event reconstructed with and without BIB overlaid!