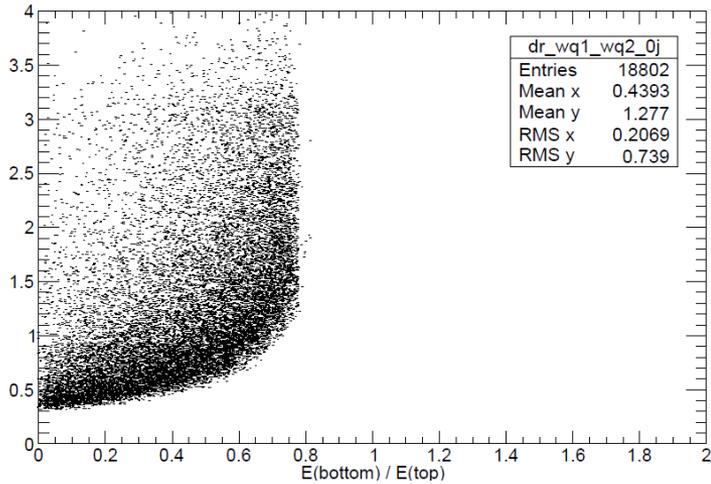


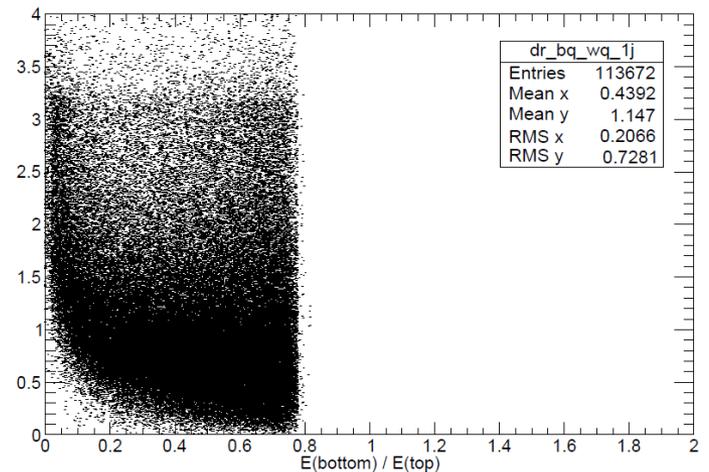
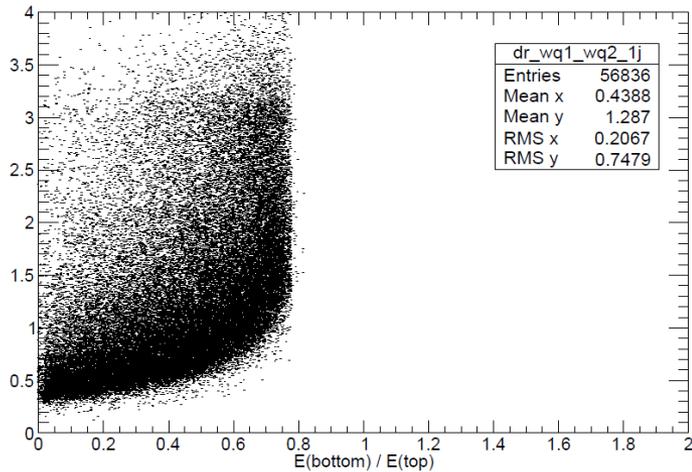
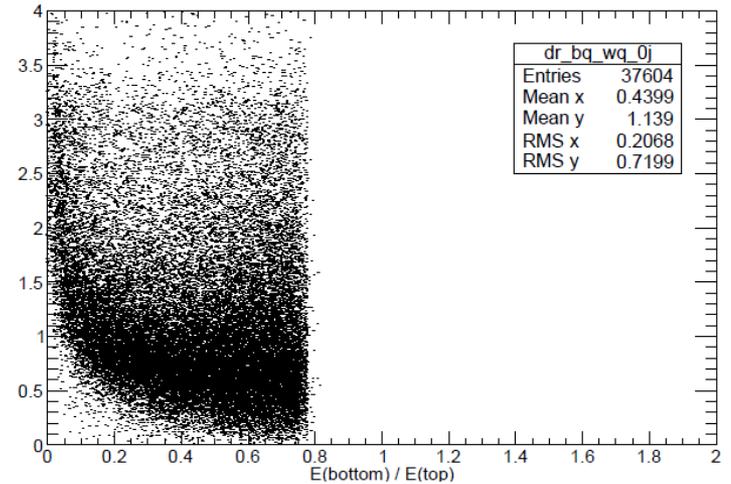
Nikolay's Report

2016-08-19

Bad News: Jet Separation MC Level

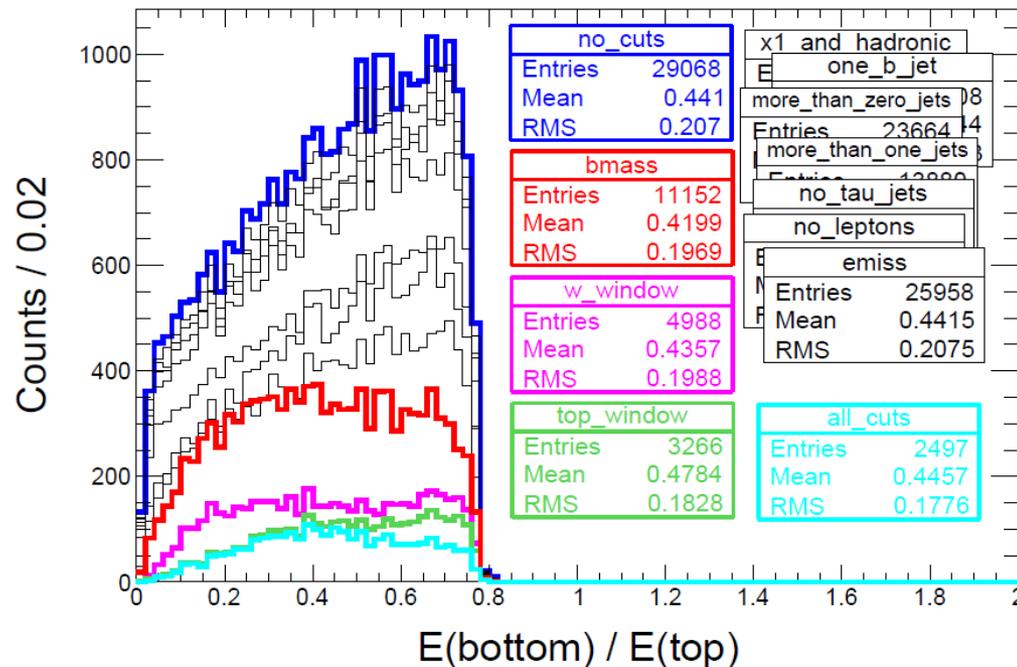


==



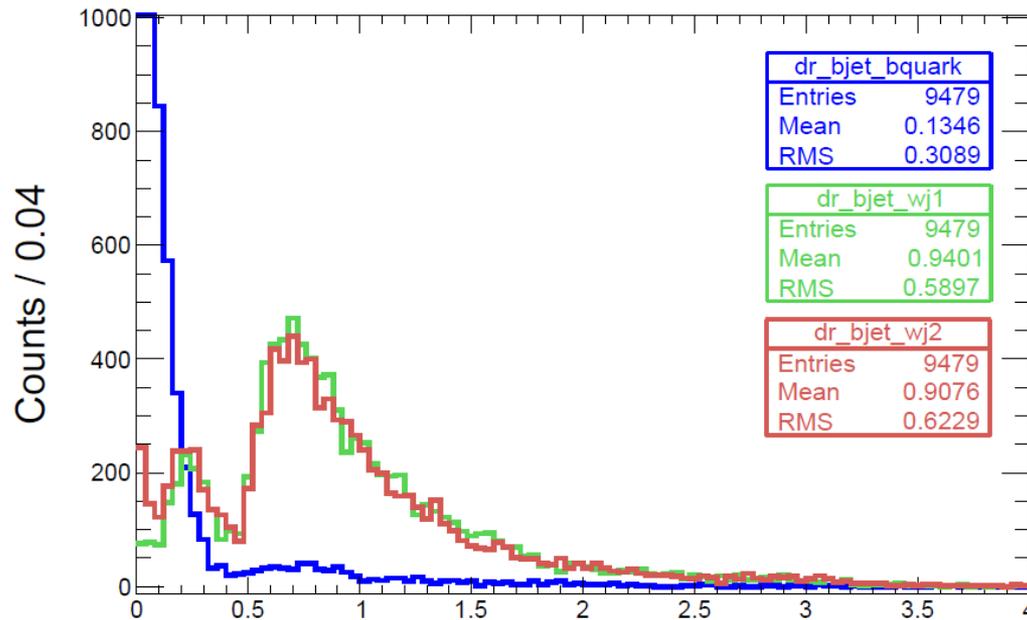
Old Plot: Cuts

- Need to do subjets. Cuts wouldn't help, but probably wouldn't make things worse.



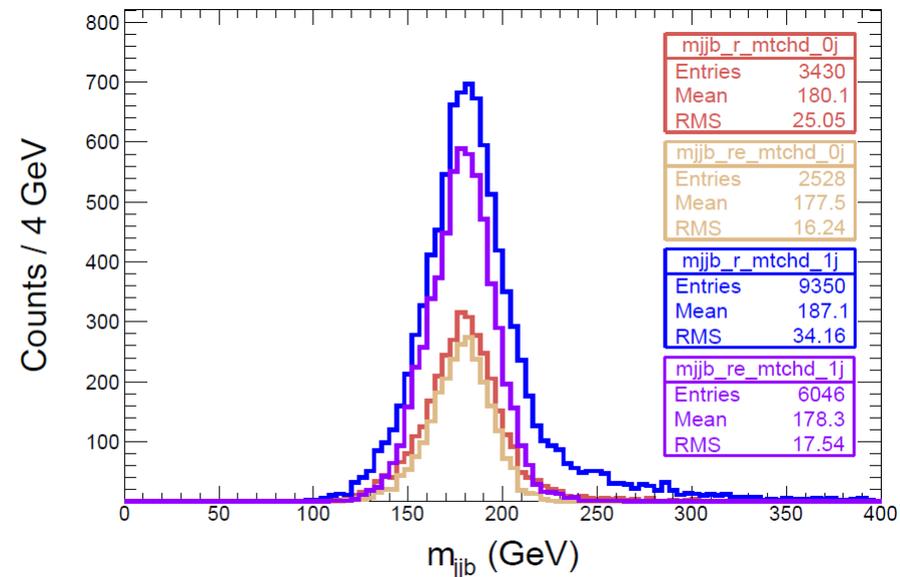
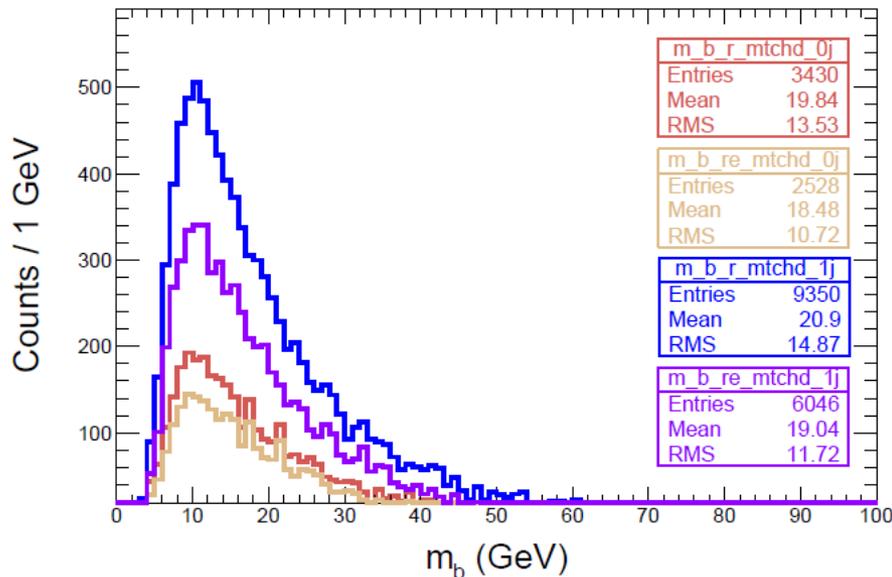
Delta R Cuts

- Delta R cuts may help; this is also a plot from Tuesday.



Matched Partons to Jets

- Have lots of these plots, will summarize after subjects are done.



Subjets

- Still learning the meaning of parameters, will need a discussion at some point in the next couple of days.

```
jet 0 0 179.059 19.4302 -0.051788 1.15258
subjet 167.944 13.9329 -0.0626915 1.14163
subjet 49.9358 0 -0.139936 1.0883
subjet 45.7504 -9.53674e-07 -0.0290531 1.14255
subjet 23.2103 0 -0.0290531 1.14255
subjet 16.3052 0 -0.0623682 1.18809
```