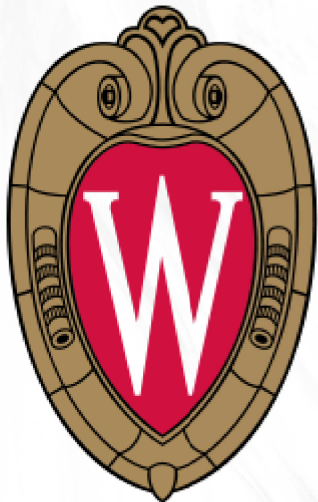


W W + 2 jets Analysis



THE UNIVERSITY
of
WISCONSIN
MADISON



Will Parker

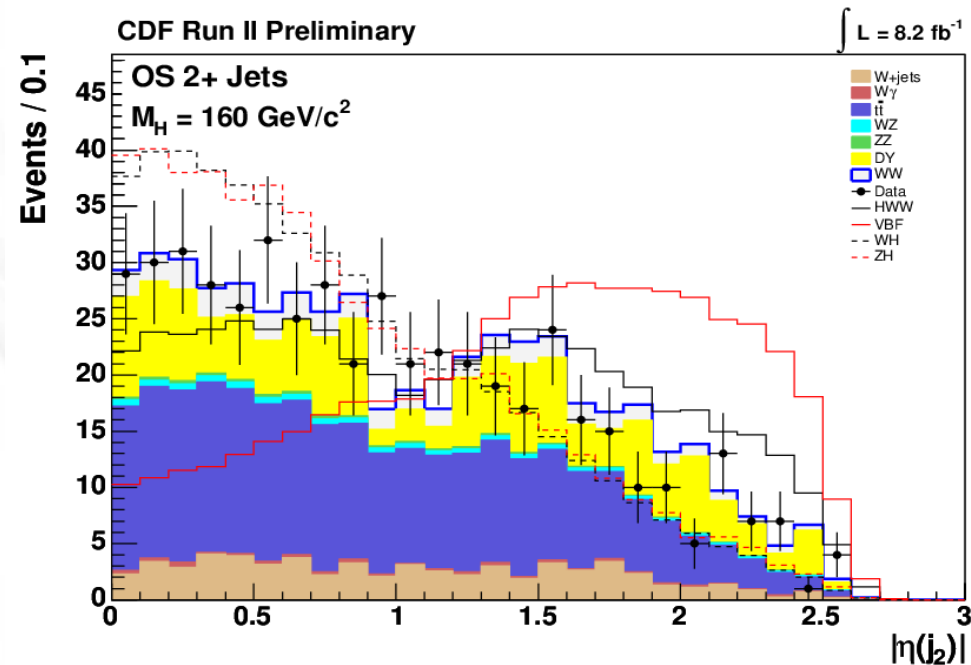
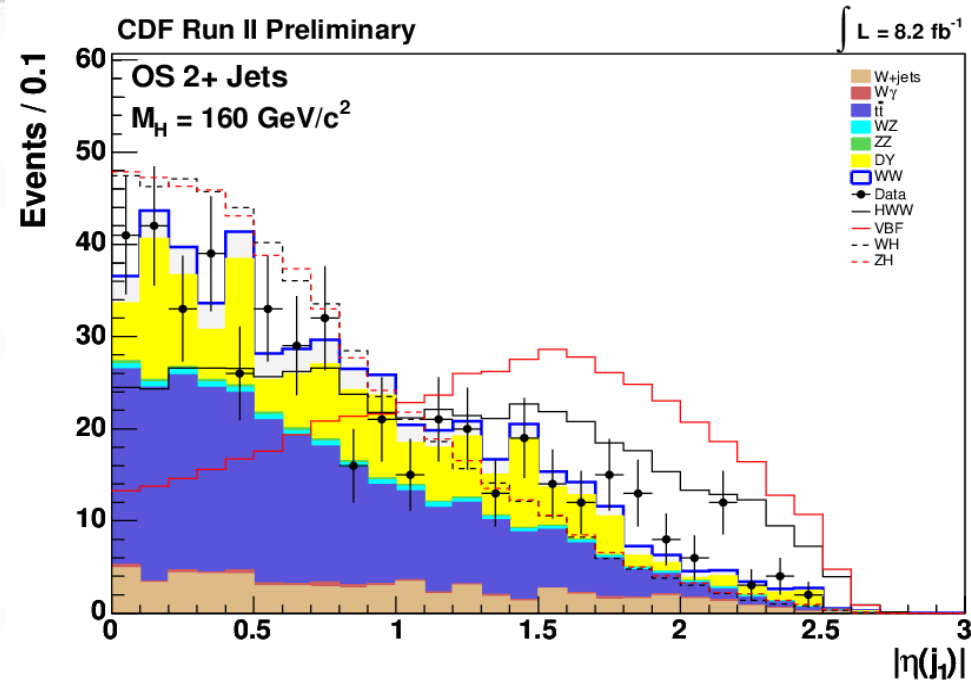
University of Wisconsin – Madison

10/17/11

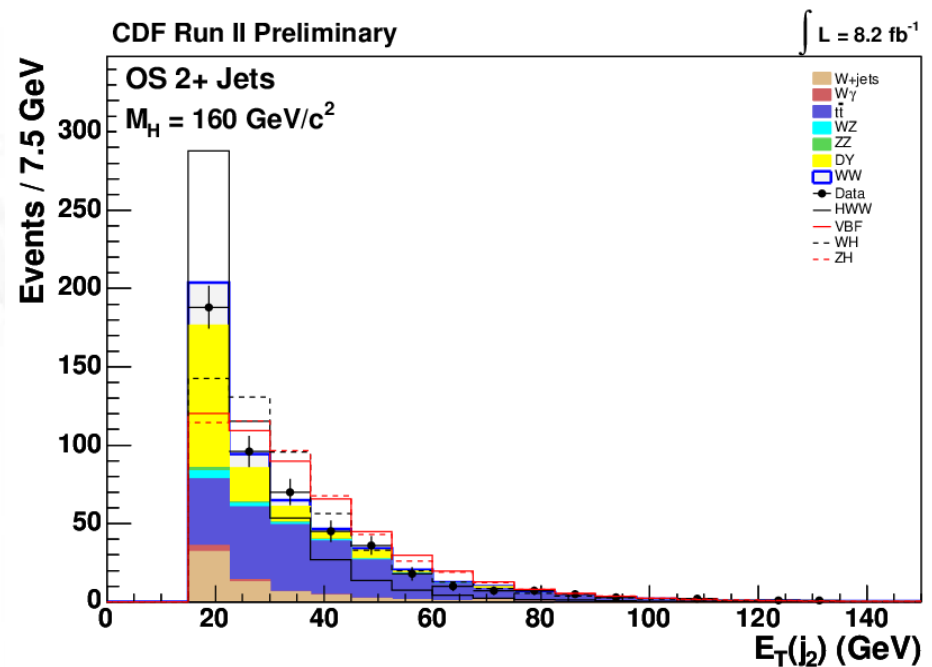
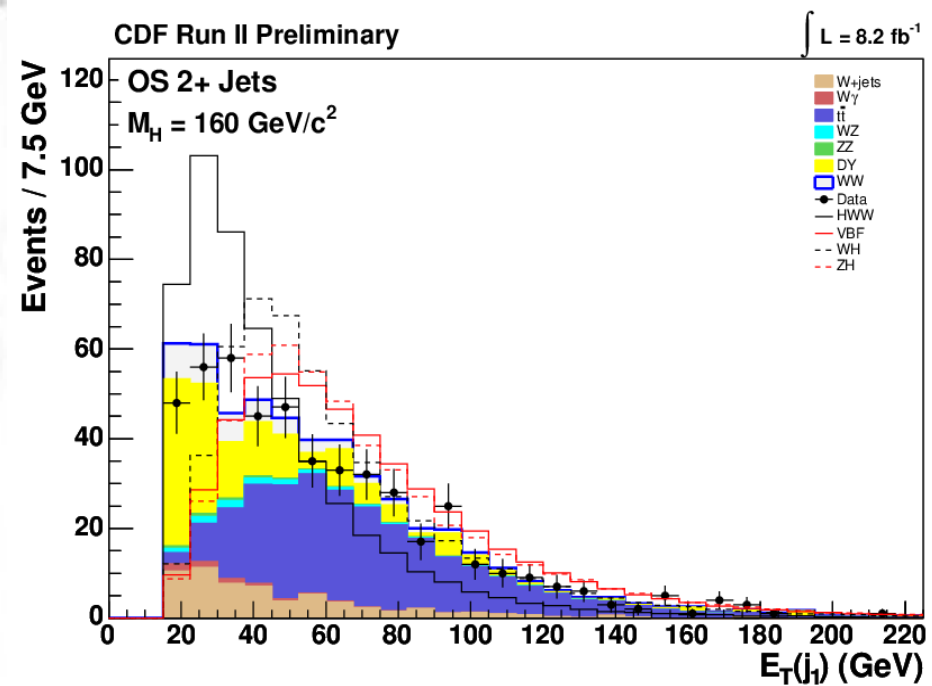
W W + 2 Jets Analysis

- Fixed Neural Net training
- Added new variables and retrained
- Showing rapidity variables and most powerful new inputs

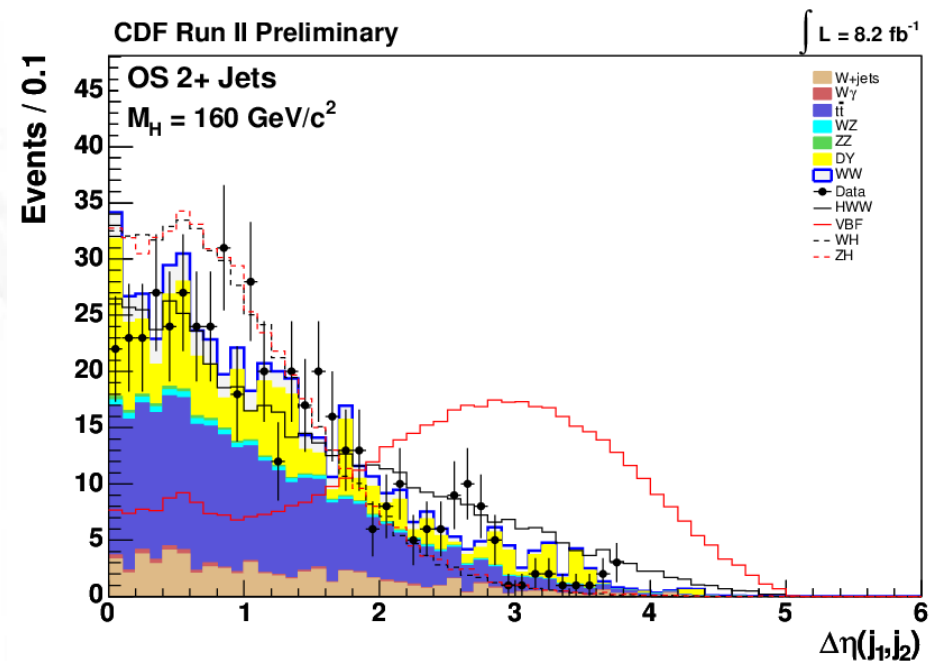
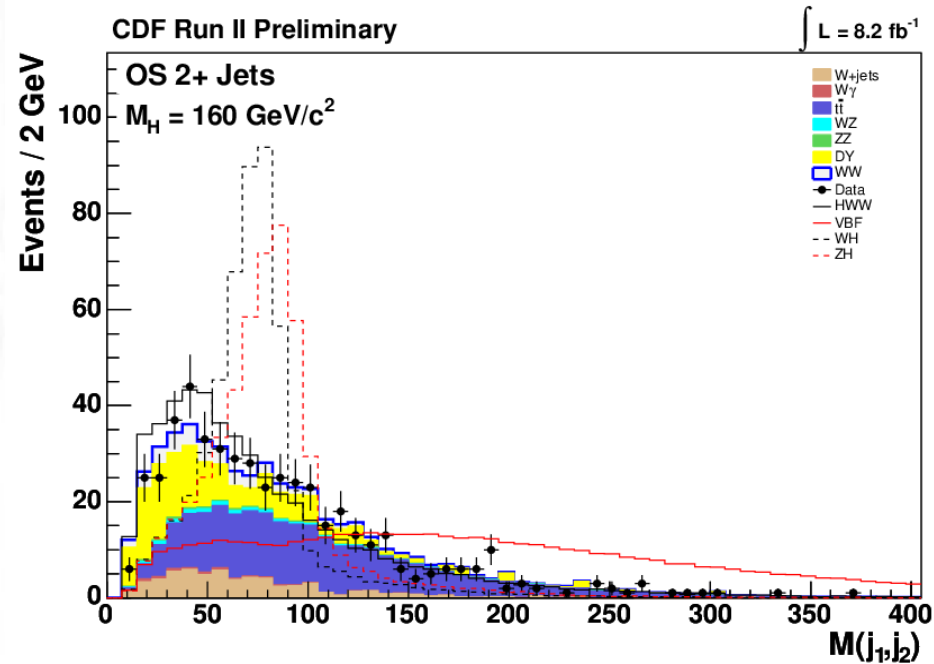
New NN Variables



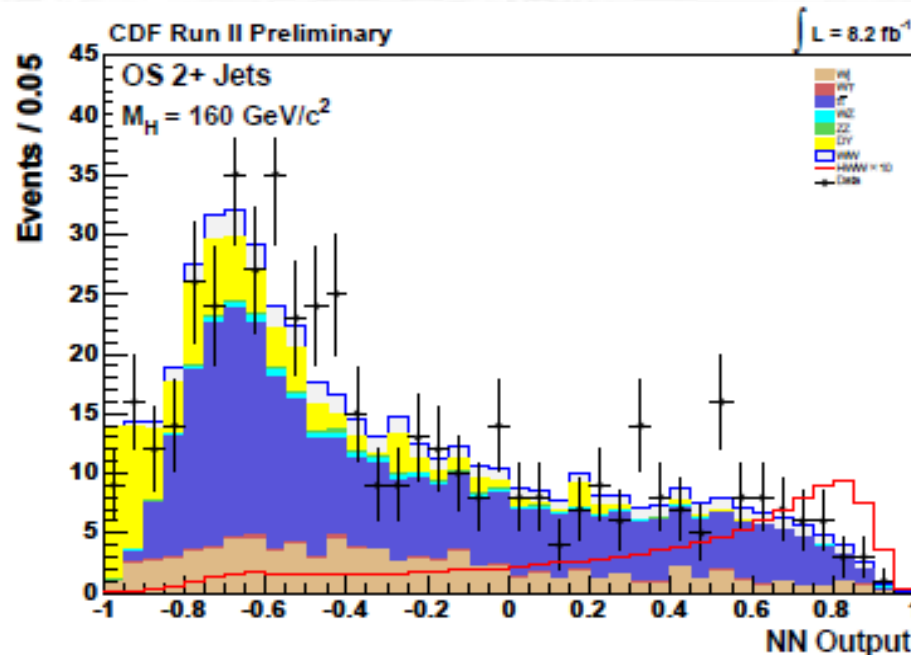
New NN Variables



New NN Variables



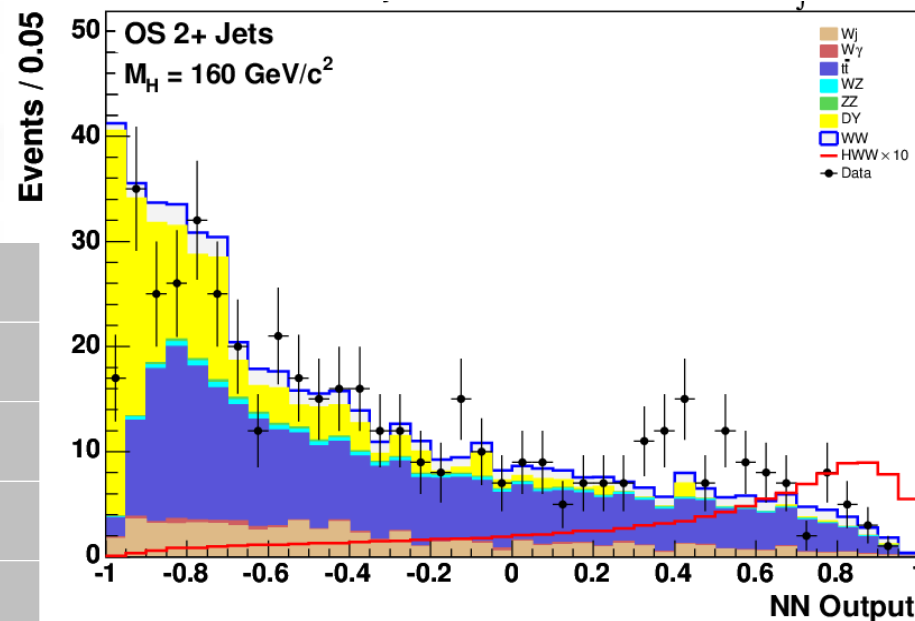
Neural Nets



← Old NN

-2 Sigma	1.40865
-1 Sigma	1.86315
Median	2.66254
+1 Sigma	3.79699
+2 Sigma	5.50886

New NN →



-2 Sigma	1.13002
-1 Sigma	1.50382
Median	2.1349
+1 Sigma	3.05603
+2 Sigma	4.30475

Will Parker

U.W. Madison

10/17/11

Backup

