

Combined WH Limits with Isolated Track (W.-M. Yao)

- The limits are calculated using the standard Bayesian procedure with pseudo-data generated from the input provided by Jason S. The expected limit is the median of pseudo-experiments.

mH (GeV)	110	115	120	130	140	150
WH Isolated track only						
Obs	11.4	14.4	15.2	25.2	62.8	126.1
Exp	14.0	16.5	19.0	28.4	51.3	103.7
WH Central + Phex						
Obs	6.86	8.4	9.2	15.9	35.9	82.8
Exp	6.64	7.5	8.9	12.7	23.6	58.9
WH Central + Phex + Isotk						
Obs	5.25	6.8	7.1	12.4	31.7	70.3
Exp	5.70	6.5	7.7	11.0	20.4	49.0

- The overall wh limit is improved by 15% for $m_h=115$ GeV, which consists of 25% improvement of acceptance and 10% of more luminosity.

Combined WH Limits

CDF II Preliminary

