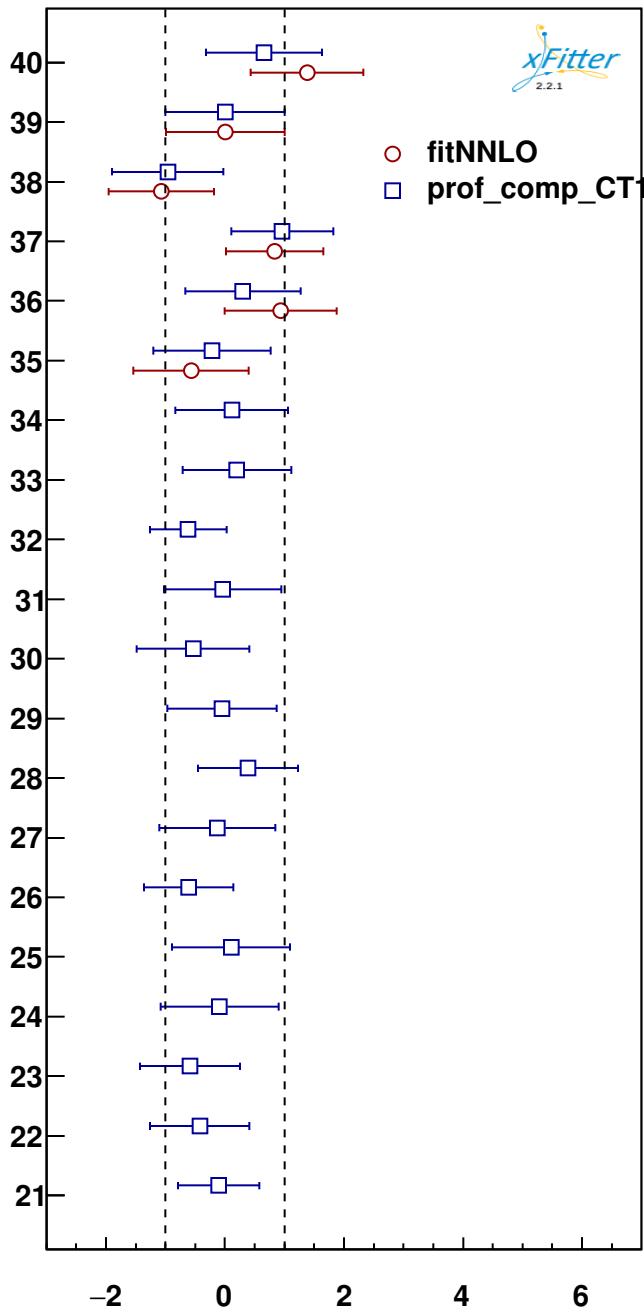
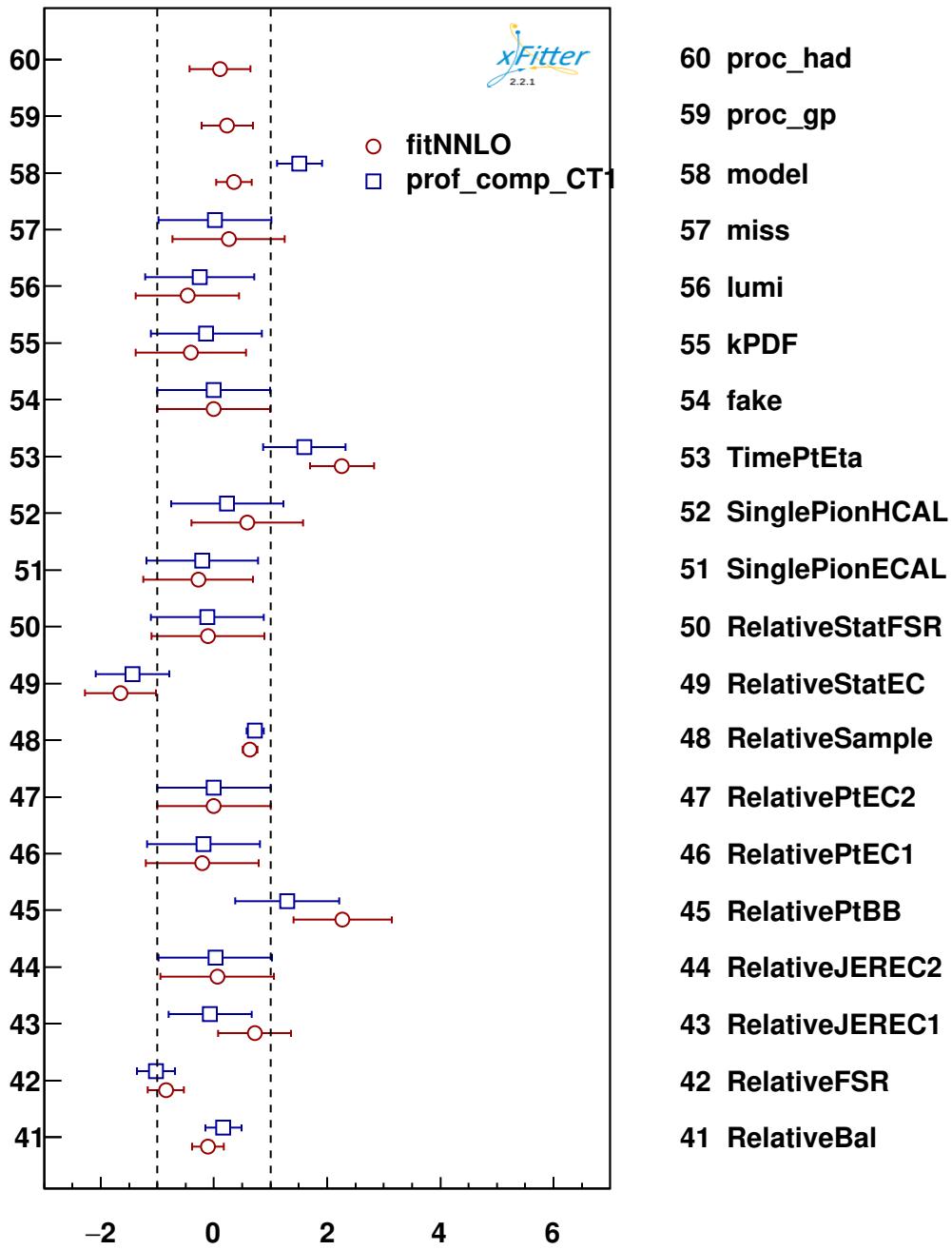
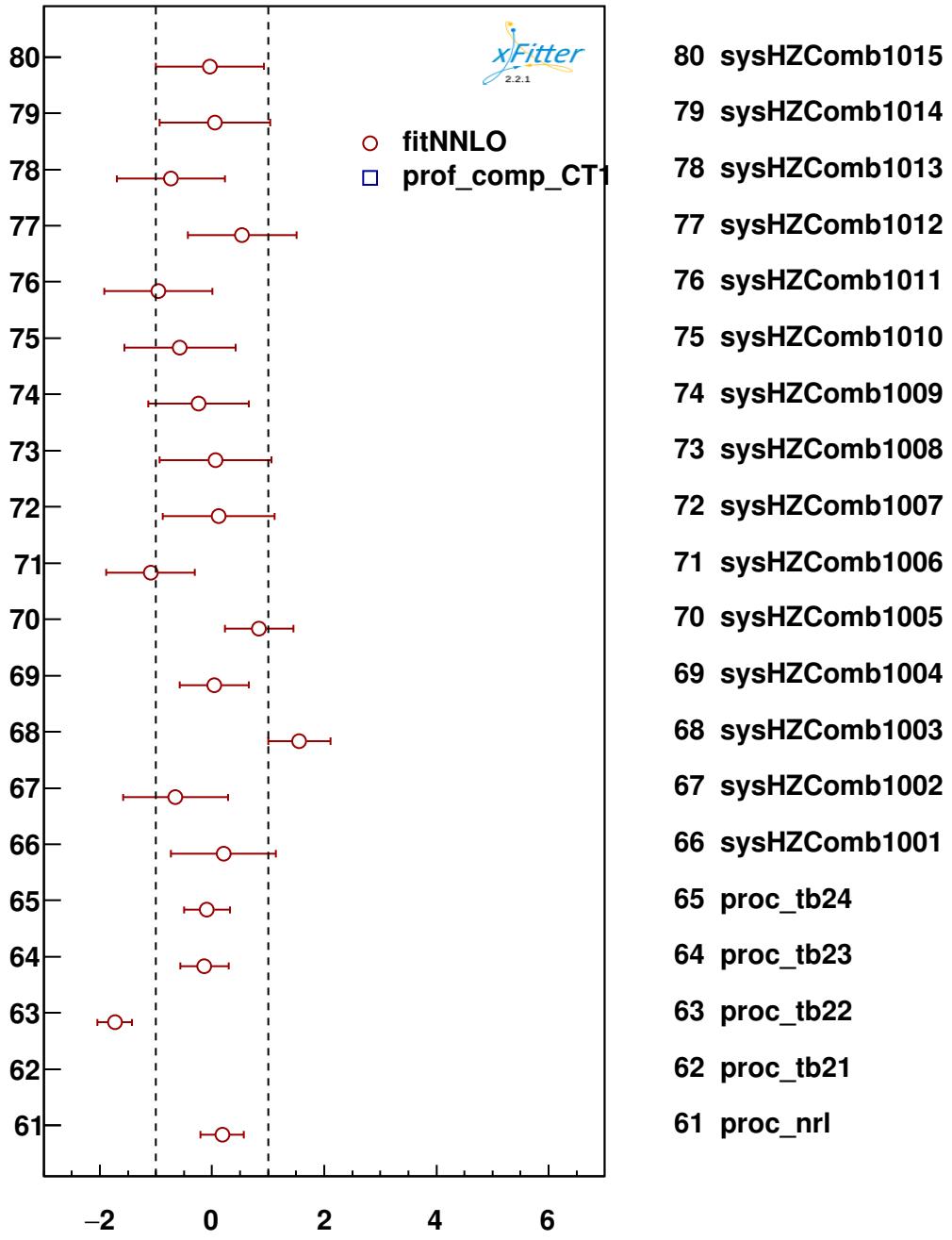


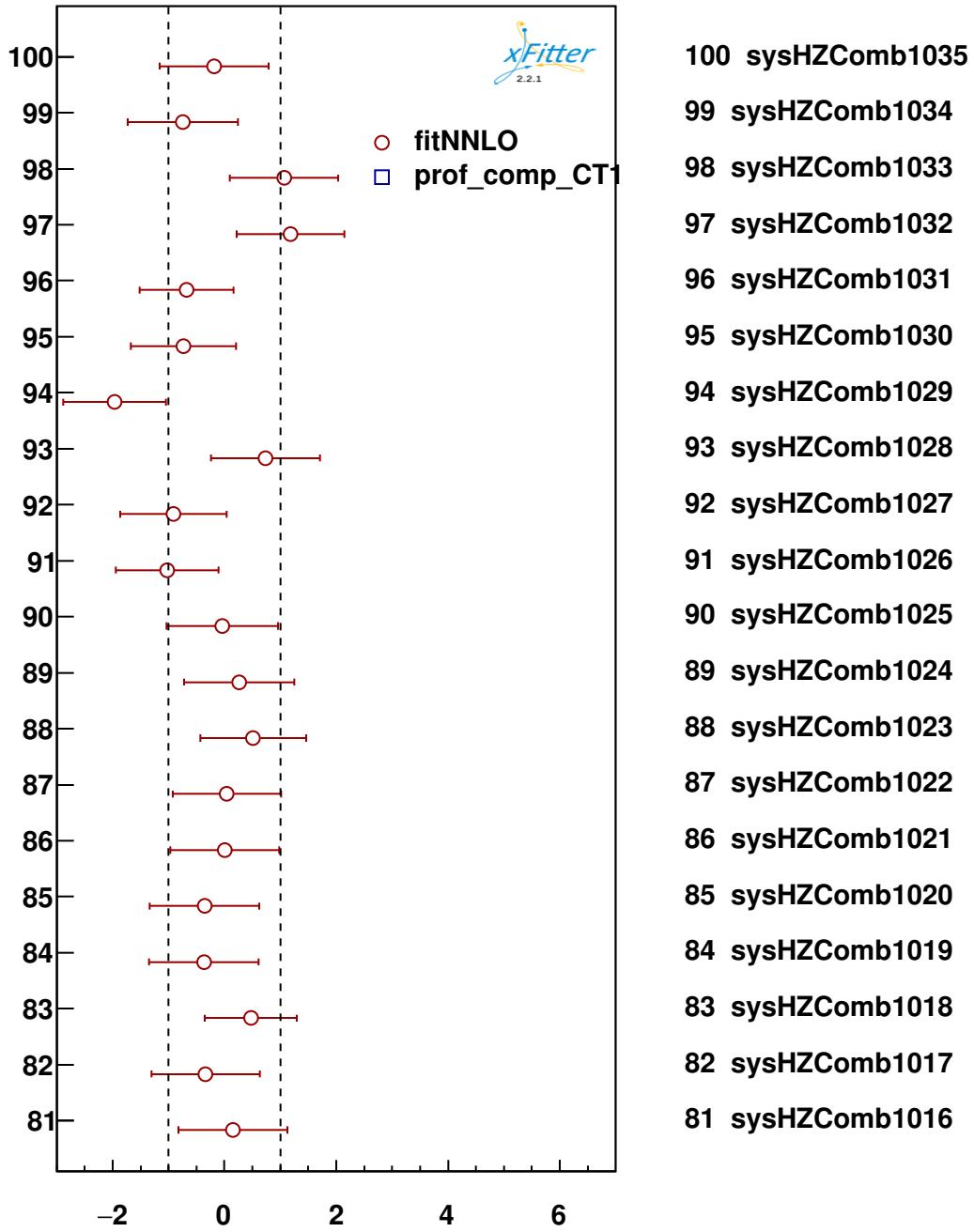
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 - 19 PDF_nuisance_param_20
 - 18 PDF_nuisance_param_2
 - 17 PDF_nuisance_param_19
 - 16 PDF_nuisance_param_18
 - 15 PDF_nuisance_param_17
 - 14 PDF_nuisance_param_16
 - 13 PDF_nuisance_param_15
 - 12 PDF_nuisance_param_14
 - 11 PDF_nuisance_param_13
 - 10 PDF_nuisance_param_12
 - 9 PDF_nuisance_param_11
 - 8 PDF_nuisance_param_10
 - 7 PDF_nuisance_param_1
 - 6 NP
 - 5 JER
 - 4 Fragmentation
 - 3 FlavorQCD
 - 2 AbsoluteScale
 - 1 AbsoluteMPFBias

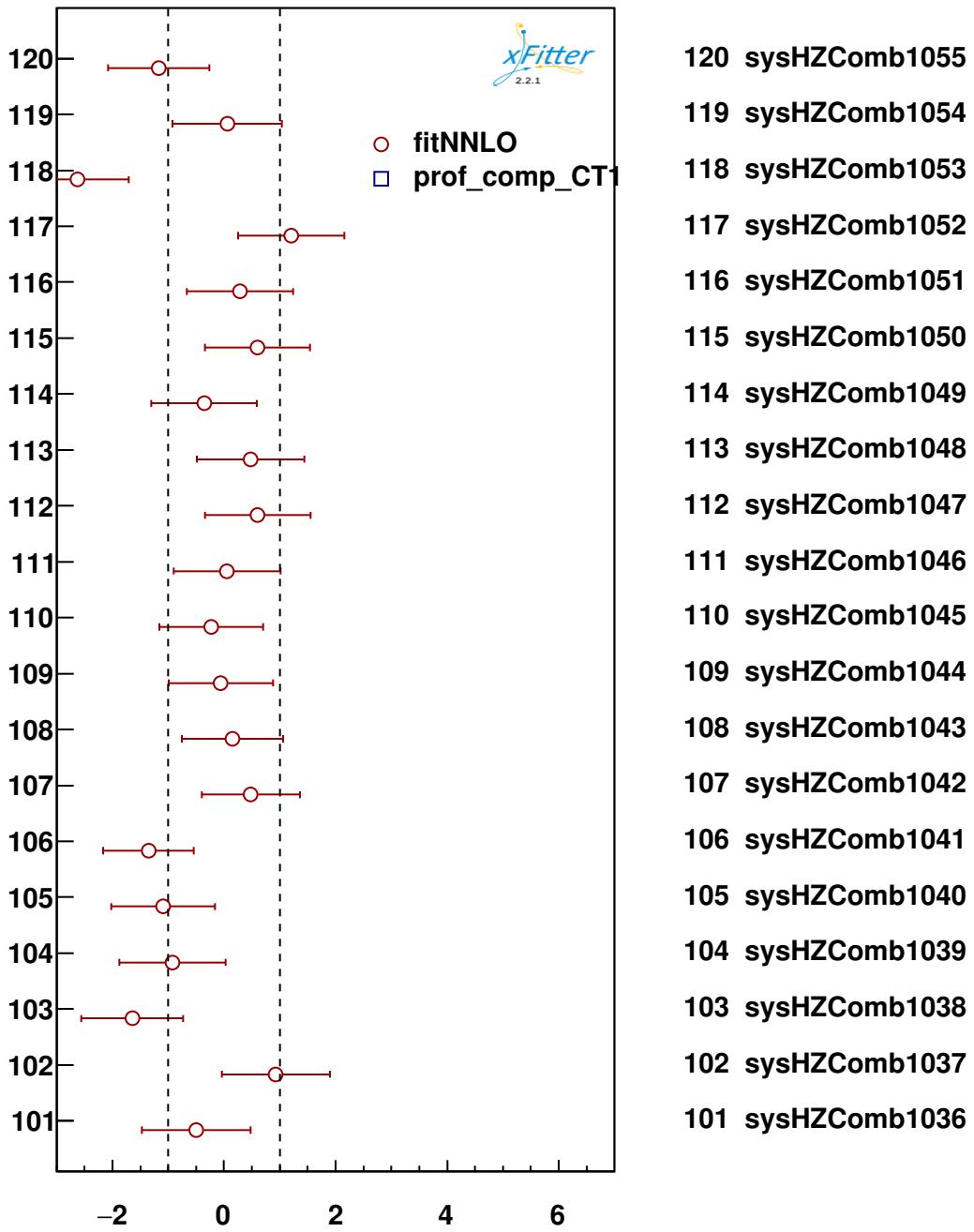


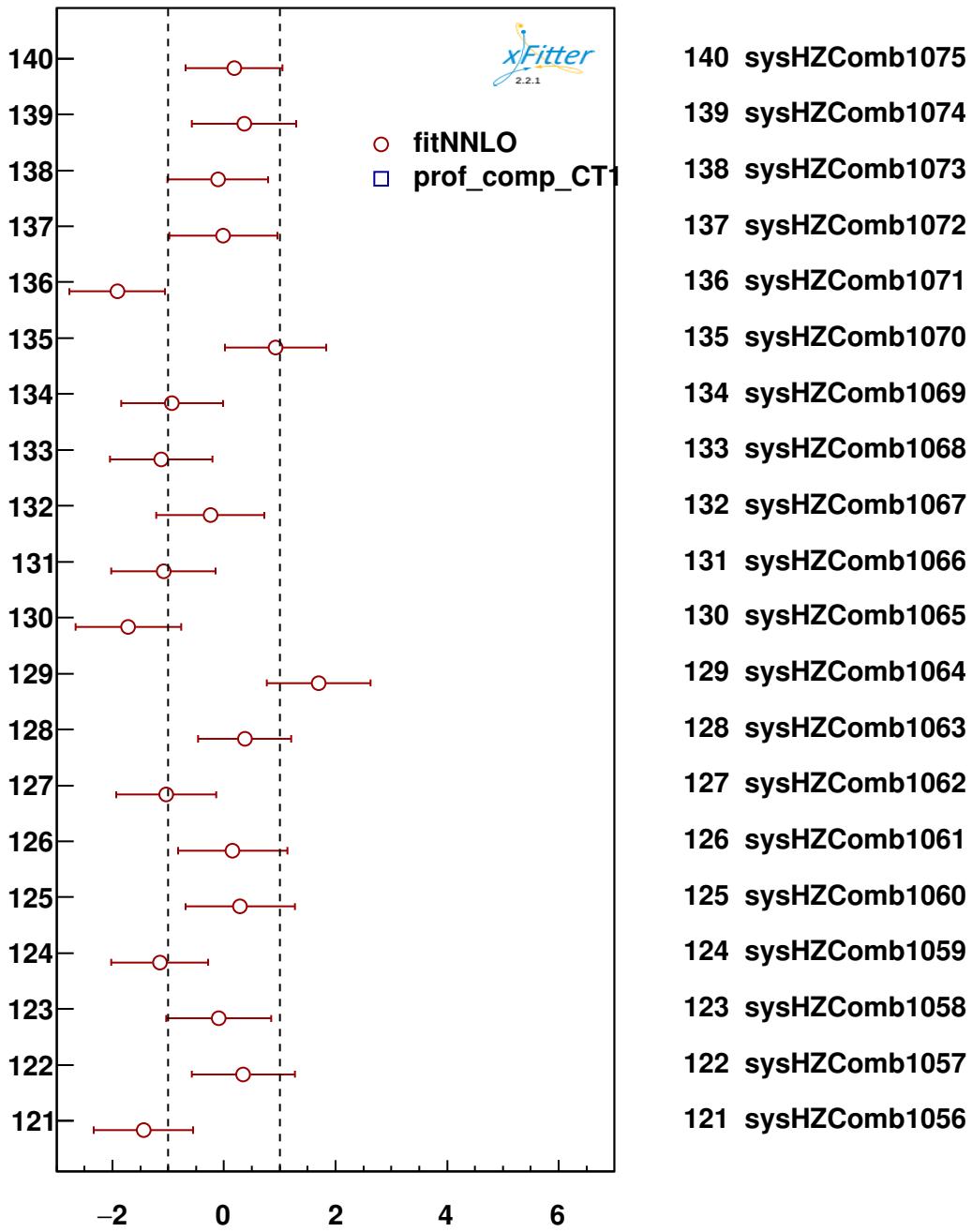
- 40 PileUpPtRef
39 PileUpPtEC2
38 PileUpPtEC1
37 PileUpPtBB
36 PileUpDataMC
35 PU
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33 PDF_nuisance_param_8
32 PDF_nuisance_param_7
31 PDF_nuisance_param_6
30 PDF_nuisance_param_5
29 PDF_nuisance_param_4
28 PDF_nuisance_param_3
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21 PDF_nuisance_param_22

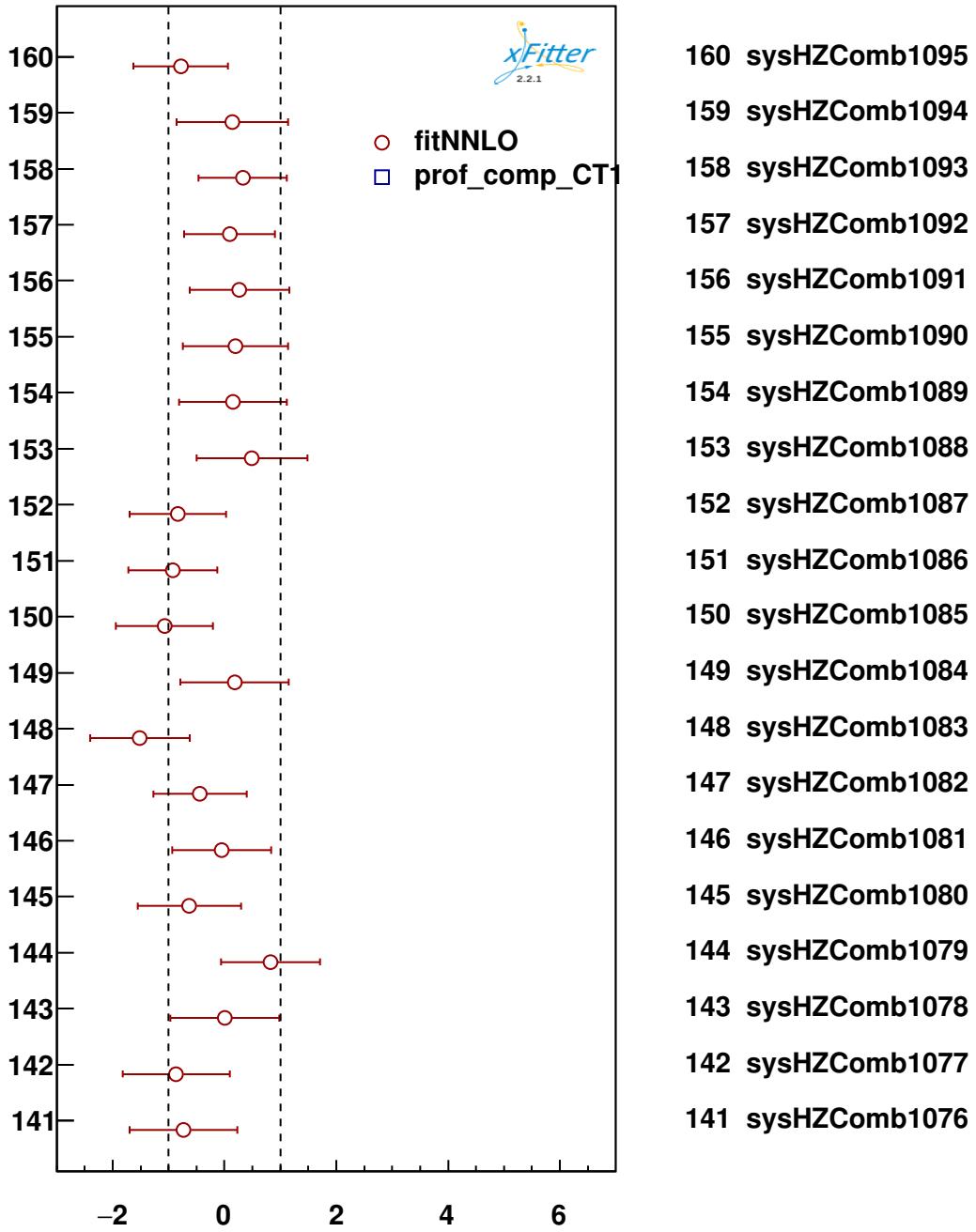


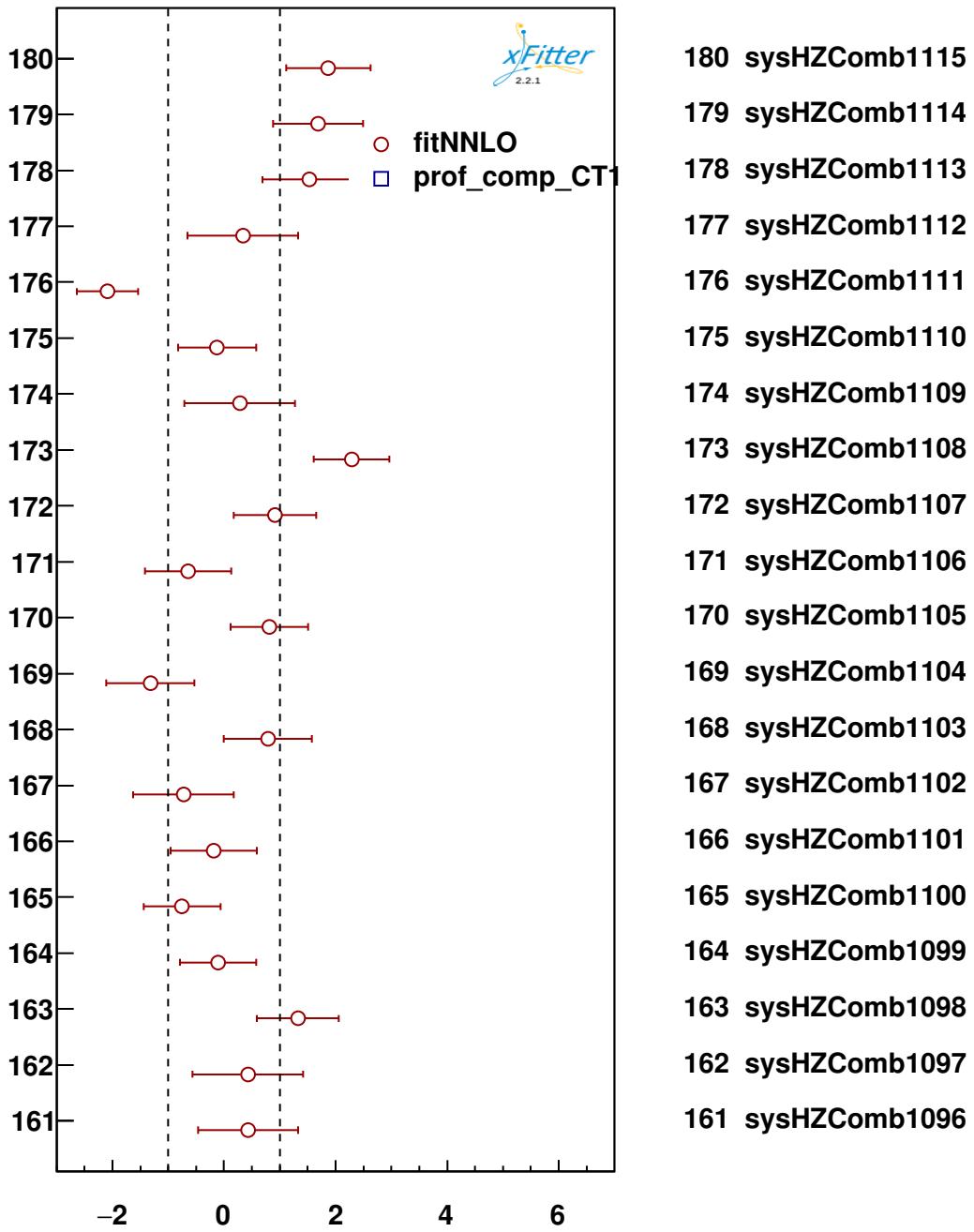


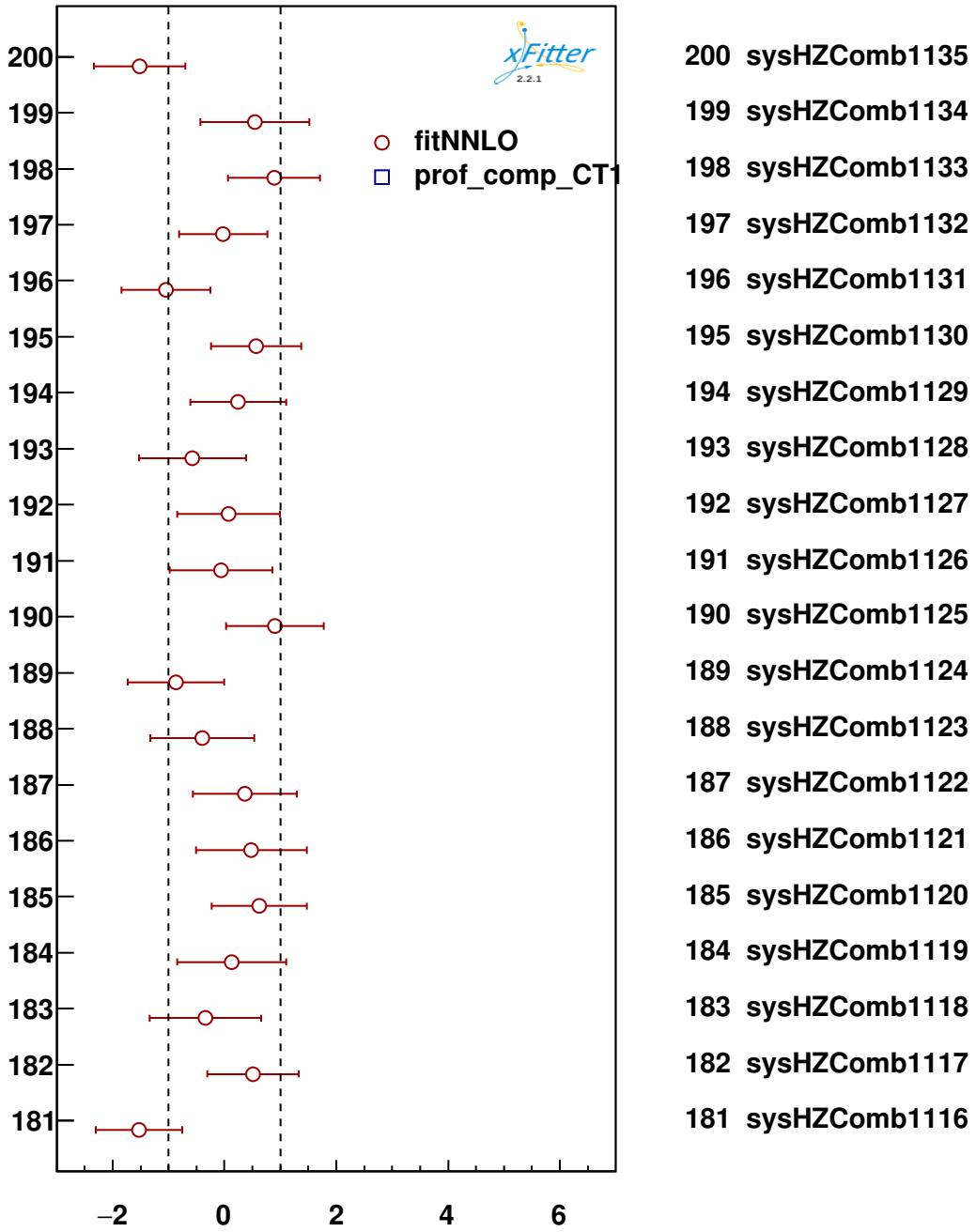


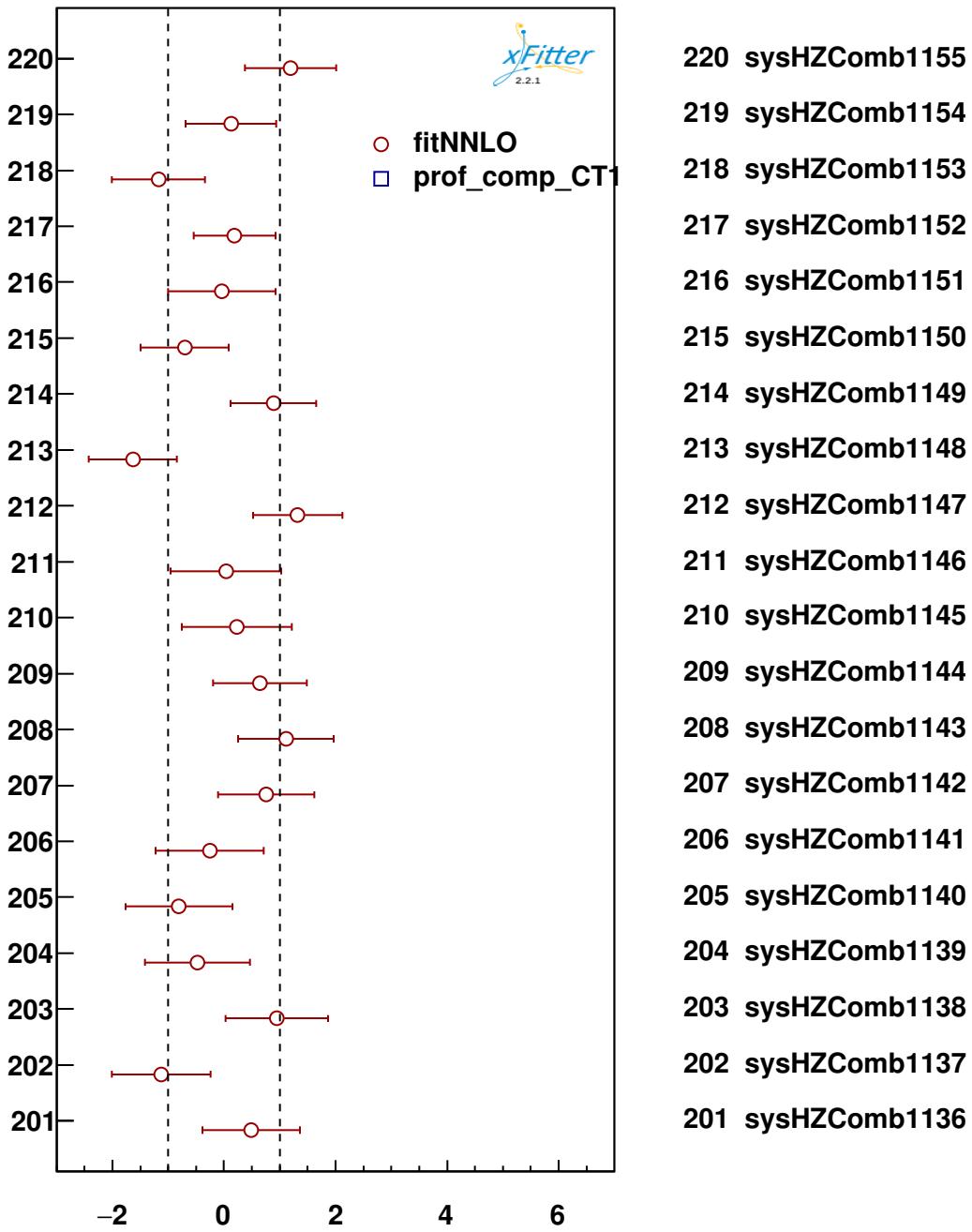


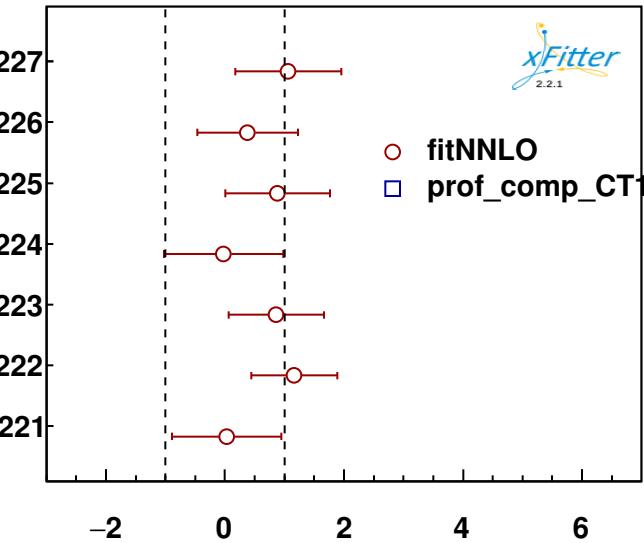












227 sysHZComb1162
226 sysHZComb1161
225 sysHZComb1160
224 sysHZComb1159
223 sysHZComb1158
222 sysHZComb1157
221 sysHZComb1156

Dataset	fitNNLO	prof CT14NNLO	comp
HERA1+2 CCep	53 / 39	-	
HERA1+2 CCem	52 / 42	-	
HERA1+2 NCem	228 / 159	-	
HERA1+2 NCep 820	73 / 70	-	
HERA1+2 NCep 920	594 / 377	-	
HERA1+2 NCep 460	220 / 204	-	
HERA1+2 NCep 575	235 / 254	-	
CMS inclusive jets 13 TeV, $ y < 0.5$	0 / 22	0 / 22	
CMS inclusive jets 13 TeV, $0.5 \leq y < 1.0$	0 / 21	0 / 21	
CMS inclusive jets 13 TeV, $1.0 \leq y < 1.5$	0 / 19	0 / 19	
CMS inclusive jets 13 TeV, $1.5 \leq y < 2.0$	0 / 16	0 / 16	
Correlated χ^2	163	18	
Log penalty χ^2	-2.57	-1.34	
Total χ^2 / dof	1710 / 1208	84 / 78	
χ^2 p-value	0.00	0.31	