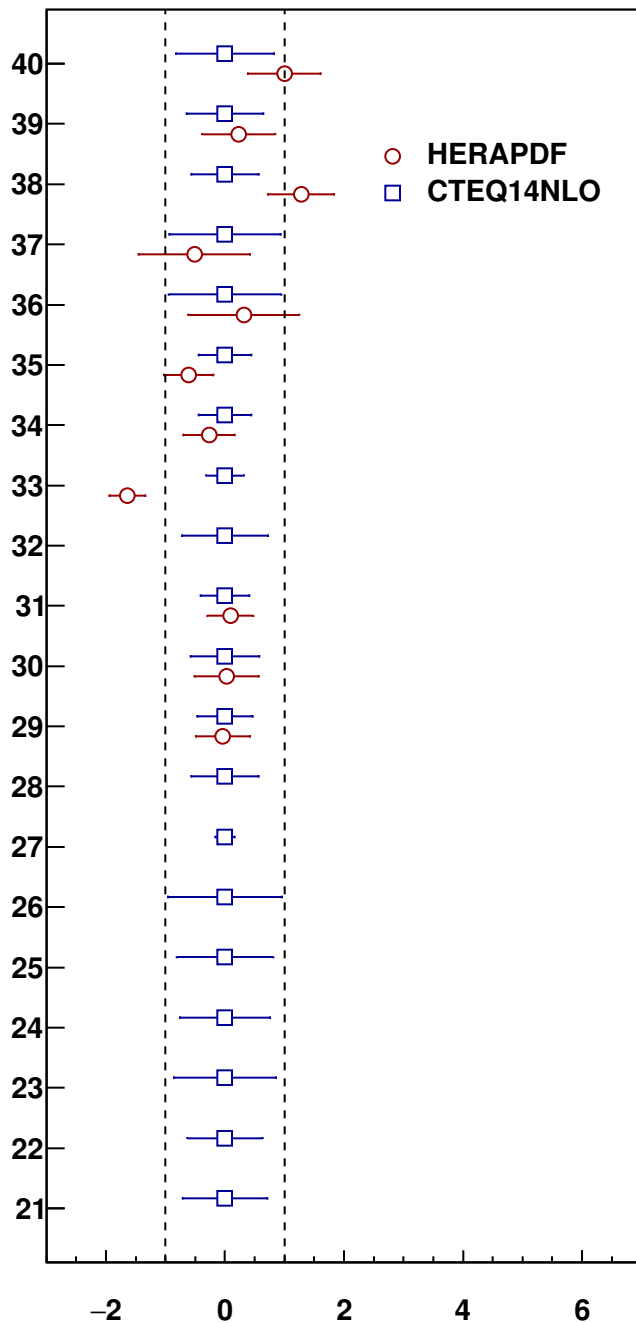


20 PDF_nuisance_param_20
19 PDF_nuisance_param_19
18 PDF_nuisance_param_18
17 PDF_nuisance_param_17
16 PDF_nuisance_param_16
15 PDF_nuisance_param_15
14 PDF_nuisance_param_14
13 PDF_nuisance_param_13
12 PDF_nuisance_param_12
11 PDF_nuisance_param_11
10 PDF_nuisance_param_10
9 PDF_nuisance_param_09
8 PDF_nuisance_param_08
7 PDF_nuisance_param_07
6 PDF_nuisance_param_06
5 PDF_nuisance_param_05
4 PDF_nuisance_param_04
3 PDF_nuisance_param_03
2 PDF_nuisance_param_02
1 PDF_nuisance_param_01



40 sysHZComb1005

39 sysHZComb1004

38 sysHZComb1003

37 sysHZComb1002

36 sysHZComb1001

35 proc_tb24

34 proc_tb23

33 proc_tb22

32 proc_tb21

31 proc_nrl

30 proc_had

29 proc_gp

28 PDF_nuisance_param_28

27 PDF_nuisance_param_27

26 PDF_nuisance_param_26

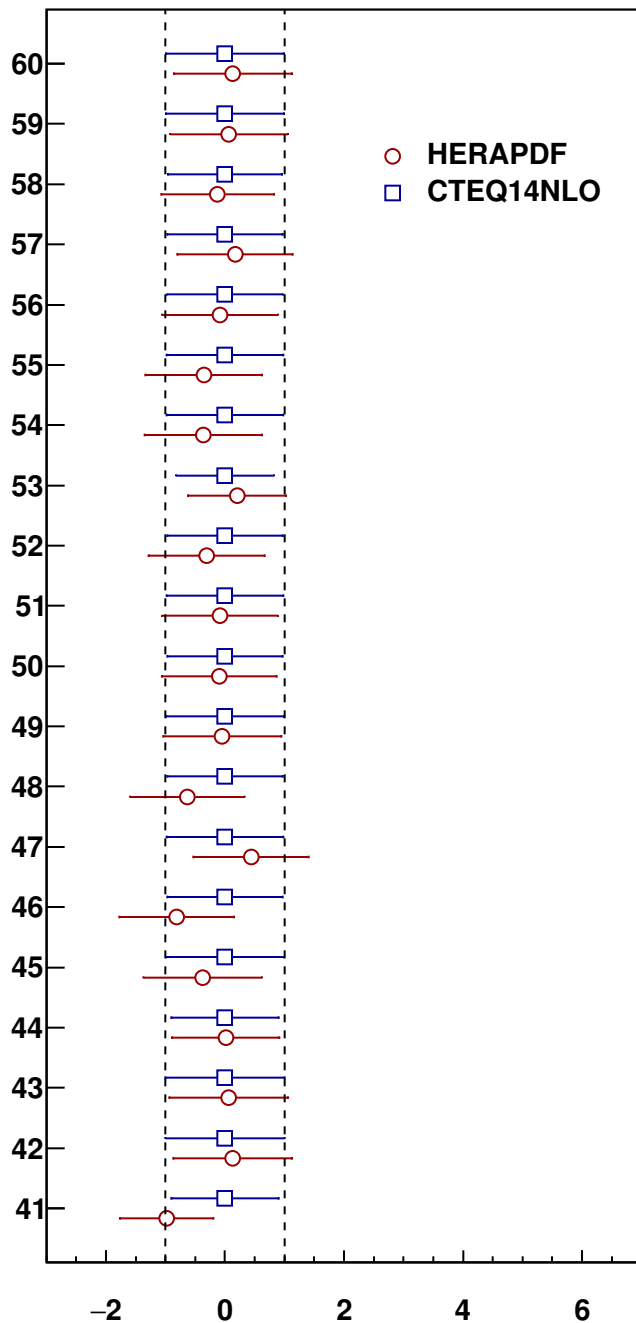
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24 PDF_nuisance_param_24

23 PDF_nuisance_param_23

22 PDF_nuisance_param_22

21 PDF_nuisance_param_21



60 sysHZComb1025

59 sysHZComb1024

58 sysHZComb1023

57 sysHZComb1022

56 sysHZComb1021

55 sysHZComb1020

54 sysHZComb1019

53 sysHZComb1018

52 sysHZComb1017

51 sysHZComb1016

50 sysHZComb1015

49 sysHZComb1014

48 sysHZComb1013

47 sysHZComb1012

46 sysHZComb1011

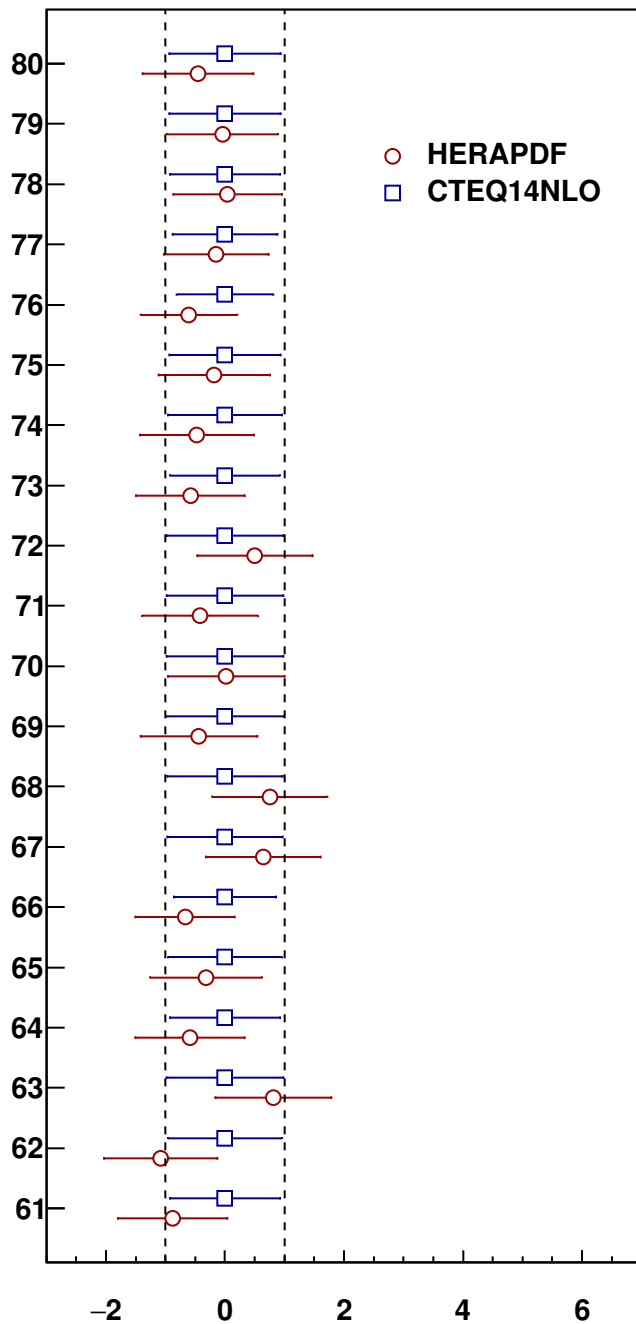
45 sysHZComb1010

44 sysHZComb1009

43 sysHZComb1008

42 sysHZComb1007

41 sysHZComb1006



80 sysHZComb1045

79 sysHZComb1044

78 sysHZComb1043

77 sysHZComb1042

76 sysHZComb1041

75 sysHZComb1040

74 sysHZComb1039

73 sysHZComb1038

72 sysHZComb1037

71 sysHZComb1036

70 sysHZComb1035

69 sysHZComb1034

68 sysHZComb1033

67 sysHZComb1032

66 sysHZComb1031

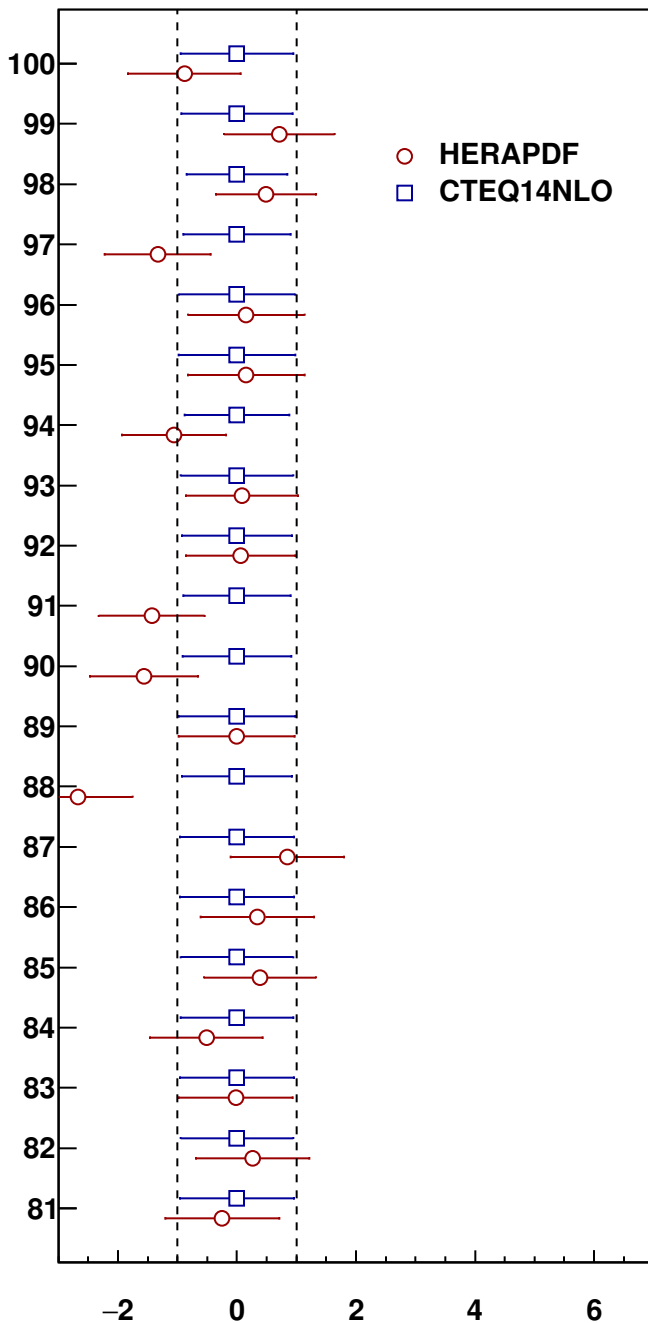
65 sysHZComb1030

64 sysHZComb1029

63 sysHZComb1028

62 sysHZComb1027

61 sysHZComb1026



100 sysHZComb1065

99 sysHZComb1064

98 sysHZComb1063

97 sysHZComb1062

96 sysHZComb1061

95 sysHZComb1060

94 sysHZComb1059

93 sysHZComb1058

92 sysHZComb1057

91 sysHZComb1056

90 sysHZComb1055

89 sysHZComb1054

88 sysHZComb1053

87 sysHZComb1052

86 sysHZComb1051

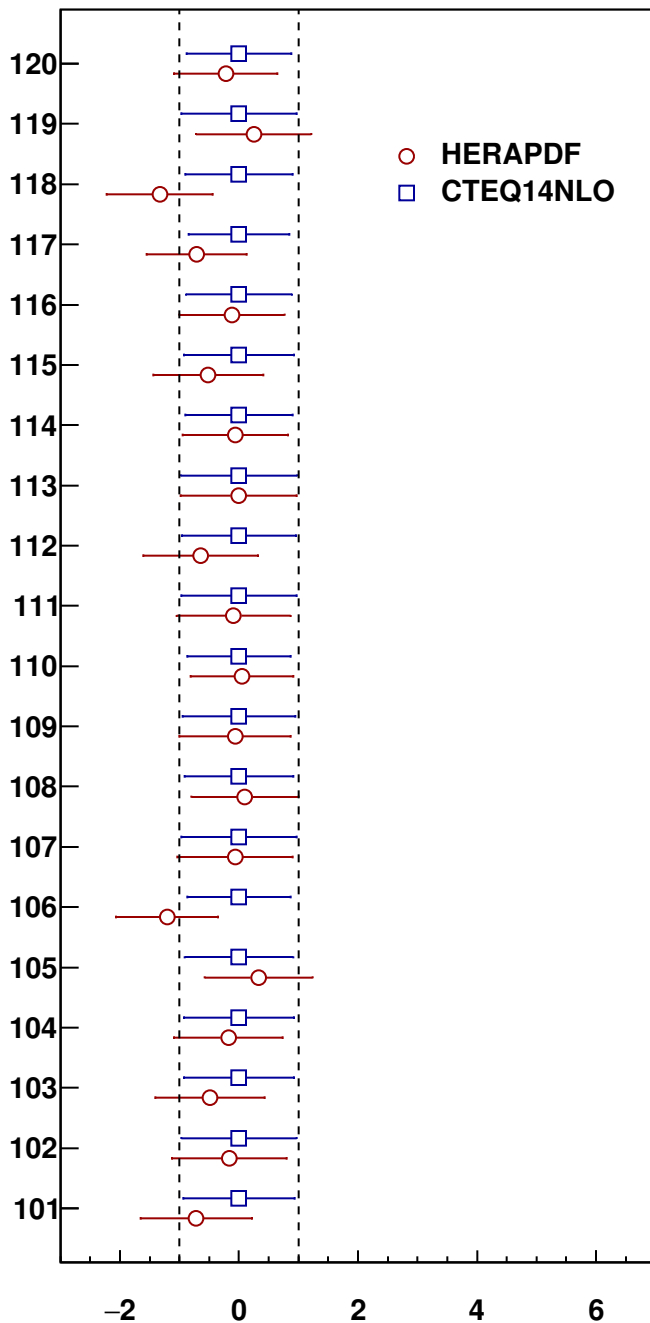
85 sysHZComb1050

84 sysHZComb1049

83 sysHZComb1048

82 sysHZComb1047

81 sysHZComb1046



120 sysHZComb1085

119 sysHZComb1084

118 sysHZComb1083

117 sysHZComb1082

116 sysHZComb1081

115 sysHZComb1080

114 sysHZComb1079

113 sysHZComb1078

112 sysHZComb1077

111 sysHZComb1076

110 sysHZComb1075

109 sysHZComb1074

108 sysHZComb1073

107 sysHZComb1072

106 sysHZComb1071

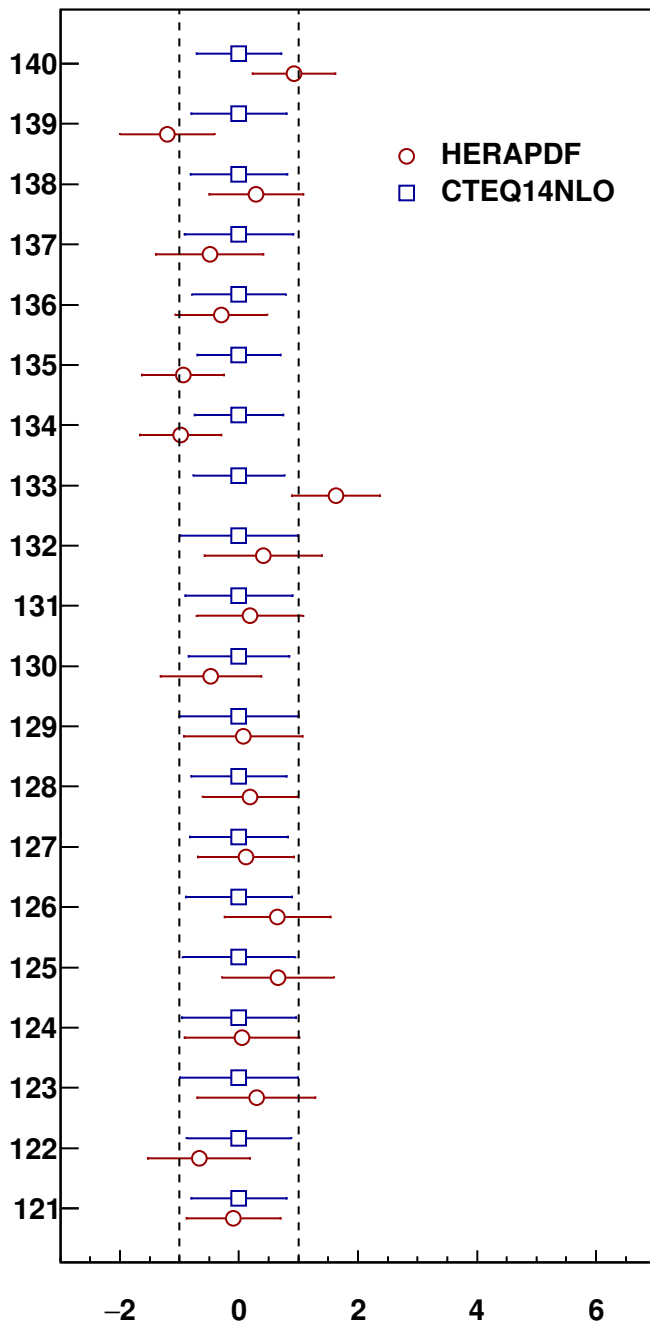
105 sysHZComb1070

104 sysHZComb1069

103 sysHZComb1068

102 sysHZComb1067

101 sysHZComb1066



140 sysHZComb1105

139 sysHZComb1104

138 sysHZComb1103

137 sysHZComb1102

136 sysHZComb1101

135 sysHZComb1100

134 sysHZComb1099

133 sysHZComb1098

132 sysHZComb1097

131 sysHZComb1096

130 sysHZComb1095

129 sysHZComb1094

128 sysHZComb1093

127 sysHZComb1092

126 sysHZComb1091

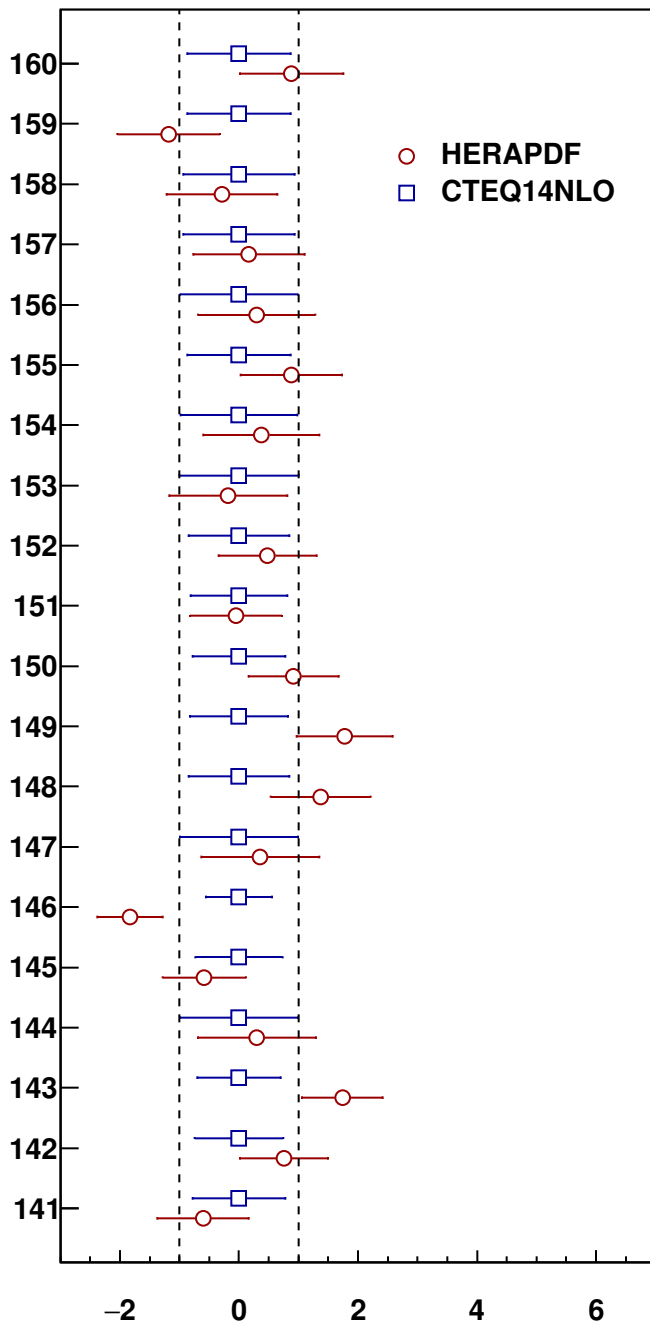
125 sysHZComb1090

124 sysHZComb1089

123 sysHZComb1088

122 sysHZComb1087

121 sysHZComb1086



160 sysHZComb1125

159 sysHZComb1124

158 sysHZComb1123

157 sysHZComb1122

156 sysHZComb1121

155 sysHZComb1120

154 sysHZComb1119

153 sysHZComb1118

152 sysHZComb1117

151 sysHZComb1116

150 sysHZComb1115

149 sysHZComb1114

148 sysHZComb1113

147 sysHZComb1112

146 sysHZComb1111

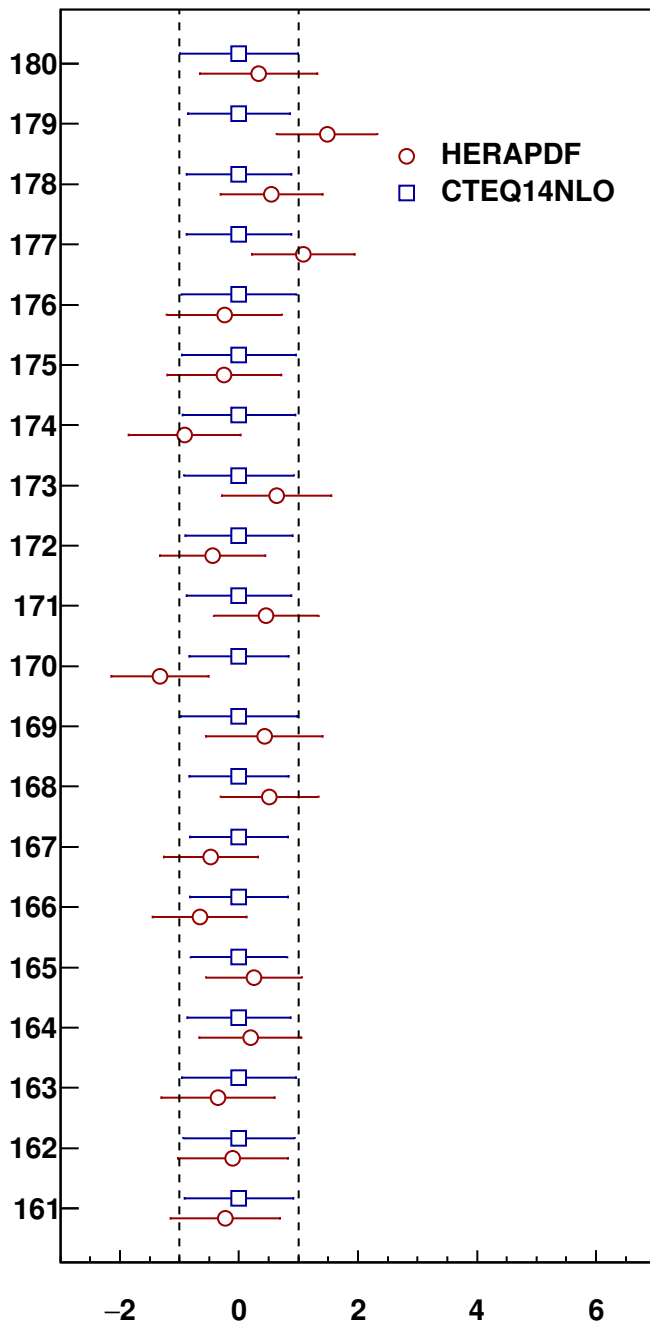
145 sysHZComb1110

144 sysHZComb1109

143 sysHZComb1108

142 sysHZComb1107

141 sysHZComb1106



180 sysHZComb1145

179 sysHZComb1144

178 sysHZComb1143

177 sysHZComb1142

176 sysHZComb1141

175 sysHZComb1140

174 sysHZComb1139

173 sysHZComb1138

172 sysHZComb1137

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169 sysHZComb1134

168 sysHZComb1133

167 sysHZComb1132

166 sysHZComb1131

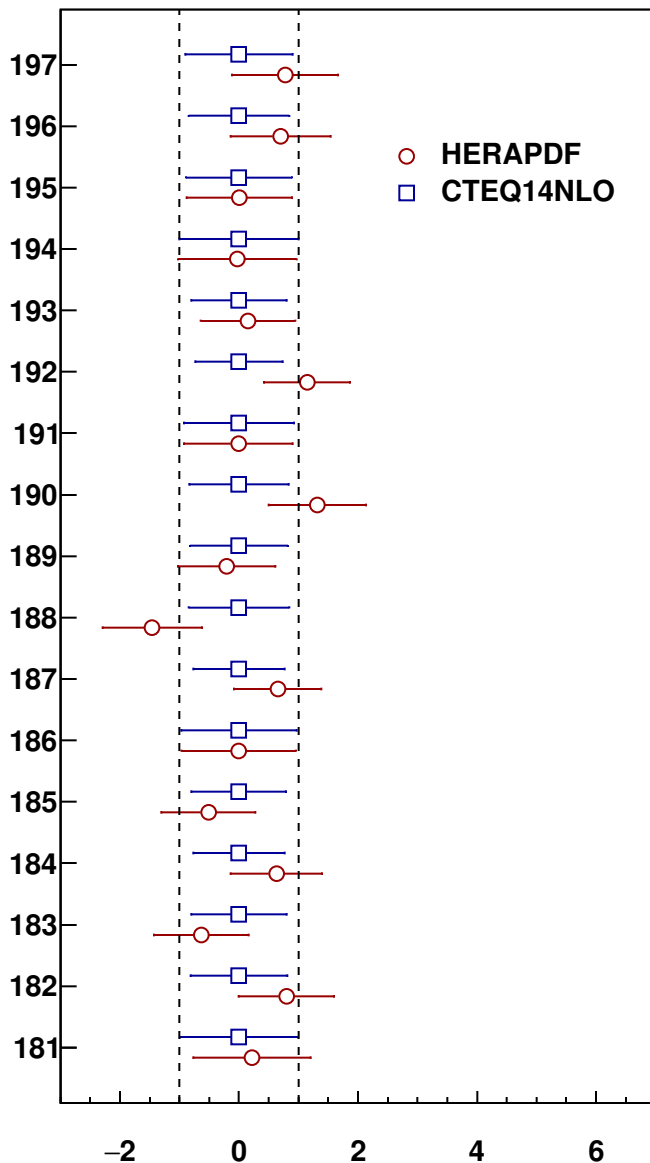
165 sysHZComb1130

164 sysHZComb1129

163 sysHZComb1128

162 sysHZComb1127

161 sysHZComb1126



197 sysHZComb1162

196 sysHZComb1161

195 sysHZComb1160

194 sysHZComb1159

193 sysHZComb1158

192 sysHZComb1157

191 sysHZComb1156

190 sysHZComb1155

189 sysHZComb1154

188 sysHZComb1153

187 sysHZComb1152

186 sysHZComb1151

185 sysHZComb1150

184 sysHZComb1149

183 sysHZComb1148

182 sysHZComb1147

181 sysHZComb1146

Dataset	HERAPDF	CTEQ14NLO
HERA1+2 CCep	45 / 39	0 / 39
HERA1+2 CCem	56 / 42	0 / 42
HERA1+2 NCem	219 / 159	0 / 159
HERA1+2 NCep 820	66 / 70	0 / 70
HERA1+2 NCep 920	443 / 377	0 / 377
HERA1+2 NCep 460	218 / 204	0 / 204
HERA1+2 NCep 575	219 / 254	0 / 254
Correlated χ^2	92	0
Log penalty χ^2	+5.9	+0.00
Total χ^2 / dof	1363 / 1131	0 / 1145
χ^2 p-value	0.00	1.00

Parameter	HERAPDF	CTEQ14NLO
'Bg'	-0.06 ± 0.24	-
'Cg'	5.6 ± 2.1	-
'Aprig'	0.17 ± 0.21	-
'Bprig'	-0.383 ± 0.017	-
'Cprig'	25.00	-
'Buv'	0.811 ± 0.040	-
'Cuv'	4.824 ± 0.087	-
'Euv'	9.9 ± 1.8	-
'Bdv'	1.030 ± 0.088	-
'Cdv'	4.85 ± 0.39	-
'CUbar'	7.1 ± 2.2	-
'DUbar'	1.5 ± 3.1	-
'ADbar'	0.269 ± 0.020	-
'BDbar'	-0.127 ± 0.011	-
'CDbar'	9.6 ± 2.5	-
'alphas'	0.1180	-
'fs'	0.4000	-
Fit status	converged	not-a-fit
Uncertainties	migrad-hesse	not-a-fit