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12 PDF_nuisance_param_12

11 PDF_nuisance_param_11

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6 PDF_nuisance_param_06

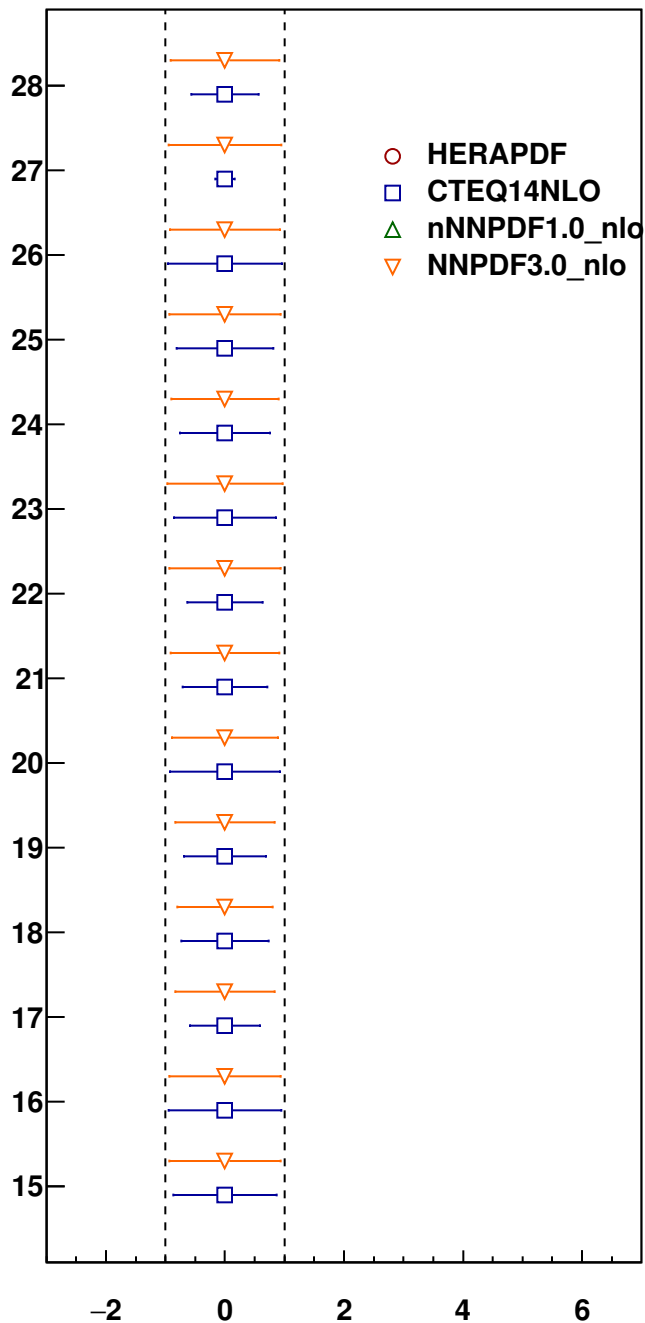
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28 PDF_nuisance_param_28

27 PDF_nuisance_param_27

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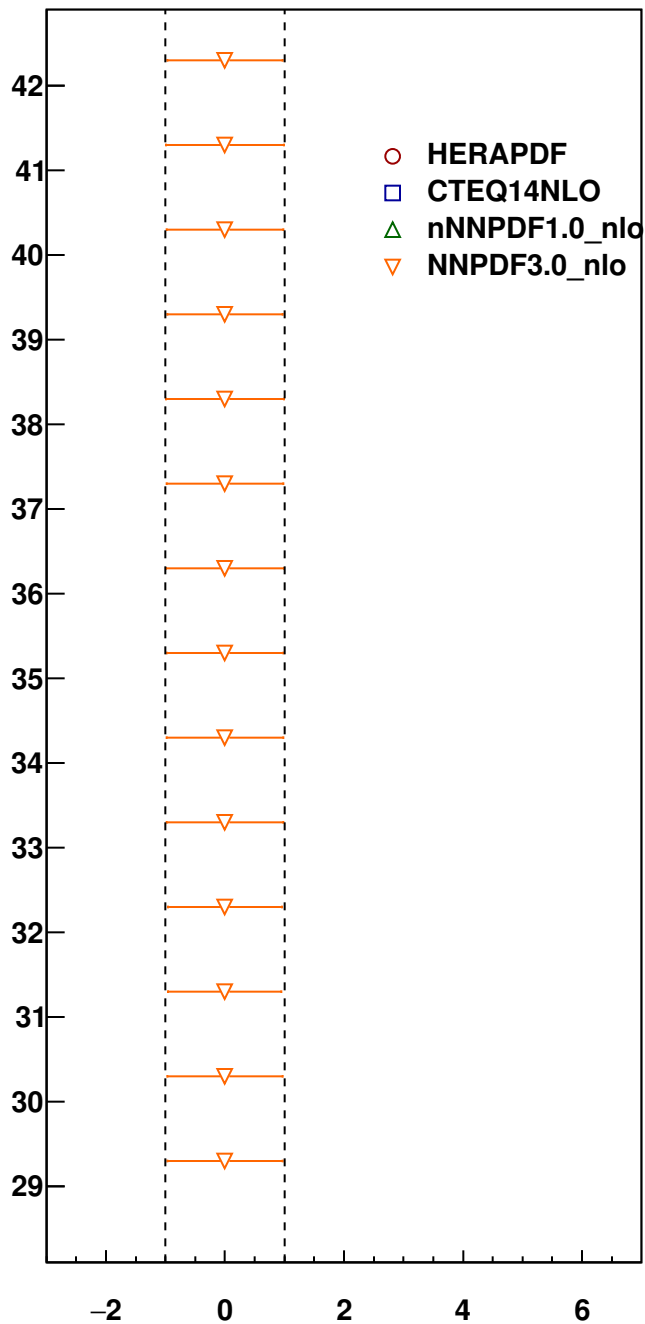
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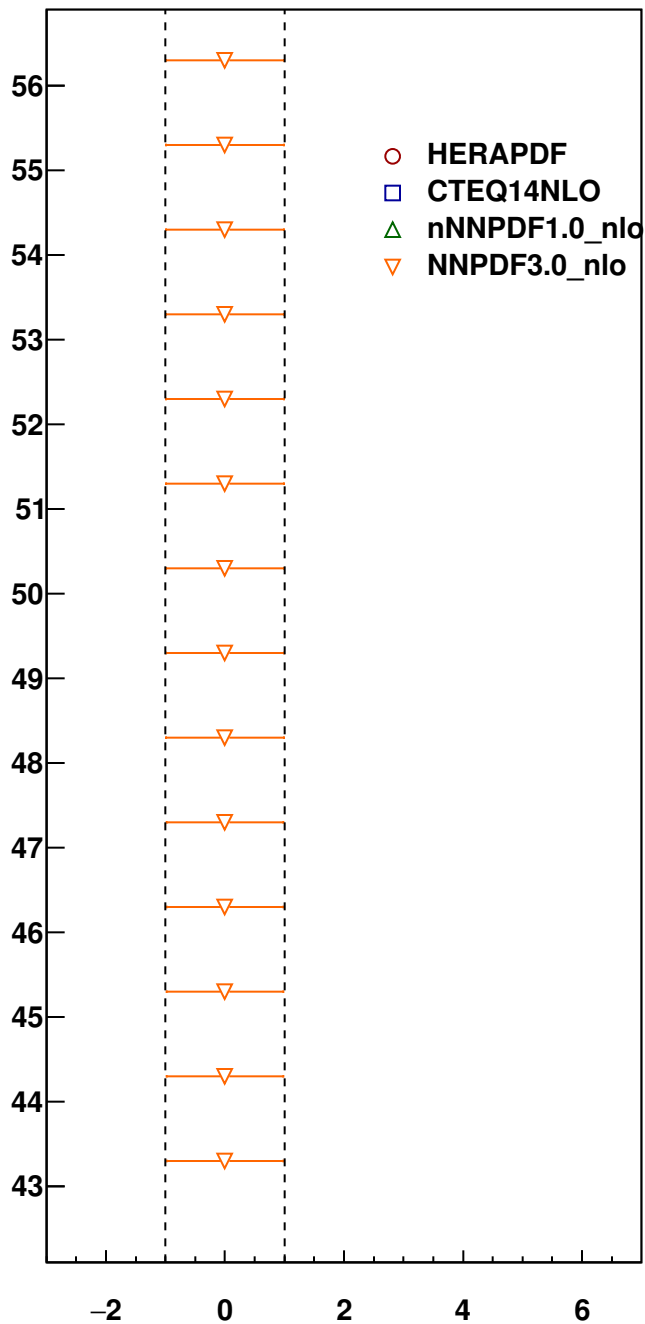
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15 PDF_nuisance_param_15





56 PDF_nuisance_param_56

55 PDF_nuisance_param_55

54 PDF_nuisance_param_54

53 PDF_nuisance_param_53

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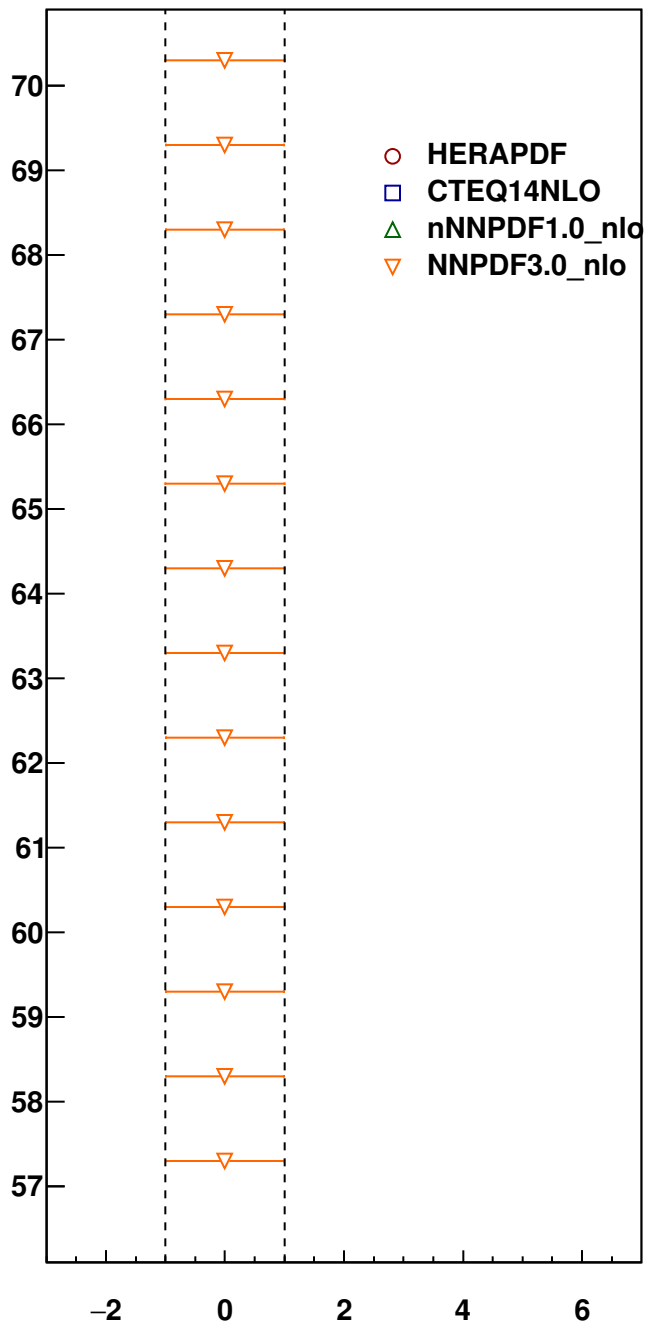
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43 PDF_nuisance_param_43



70 PDF_nuisance_param_70

69 PDF_nuisance_param_69

68 PDF_nuisance_param_68

67 PDF_nuisance_param_67

66 PDF_nuisance_param_66

65 PDF_nuisance_param_65

64 PDF_nuisance_param_64

63 PDF_nuisance_param_63

62 PDF_nuisance_param_62

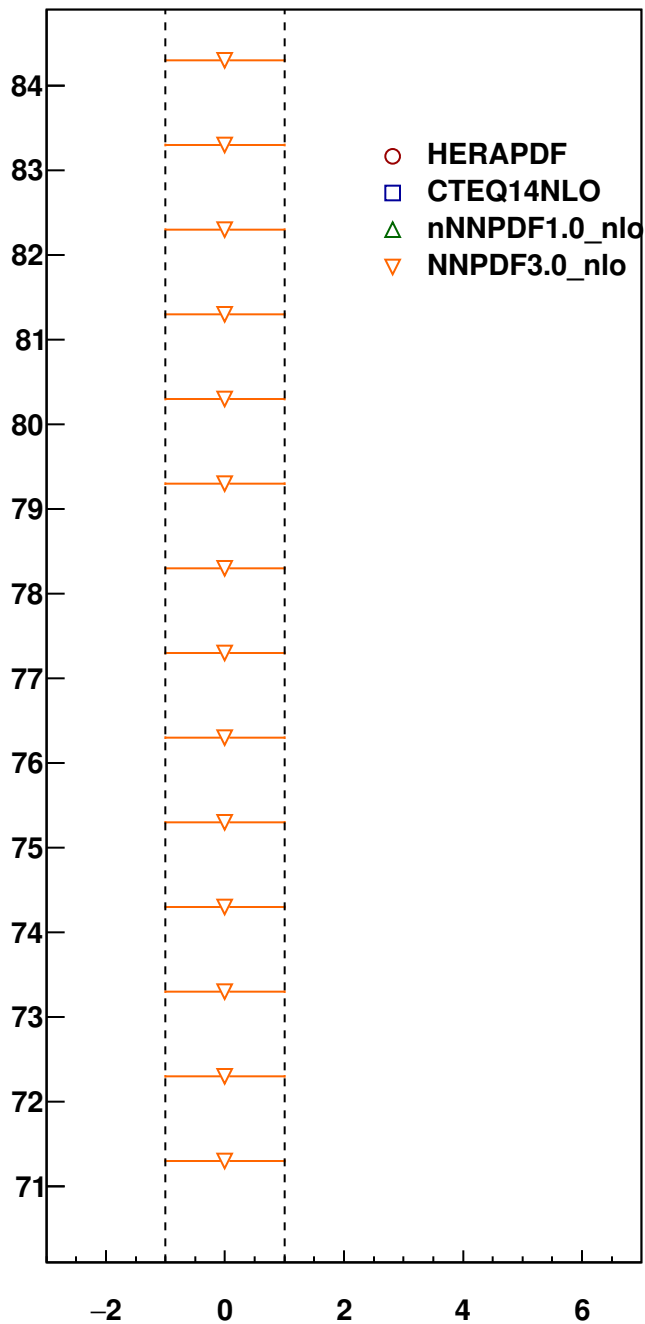
61 PDF_nuisance_param_61

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57 PDF_nuisance_param_57



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83 PDF_nuisance_param_83

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78 PDF_nuisance_param_78

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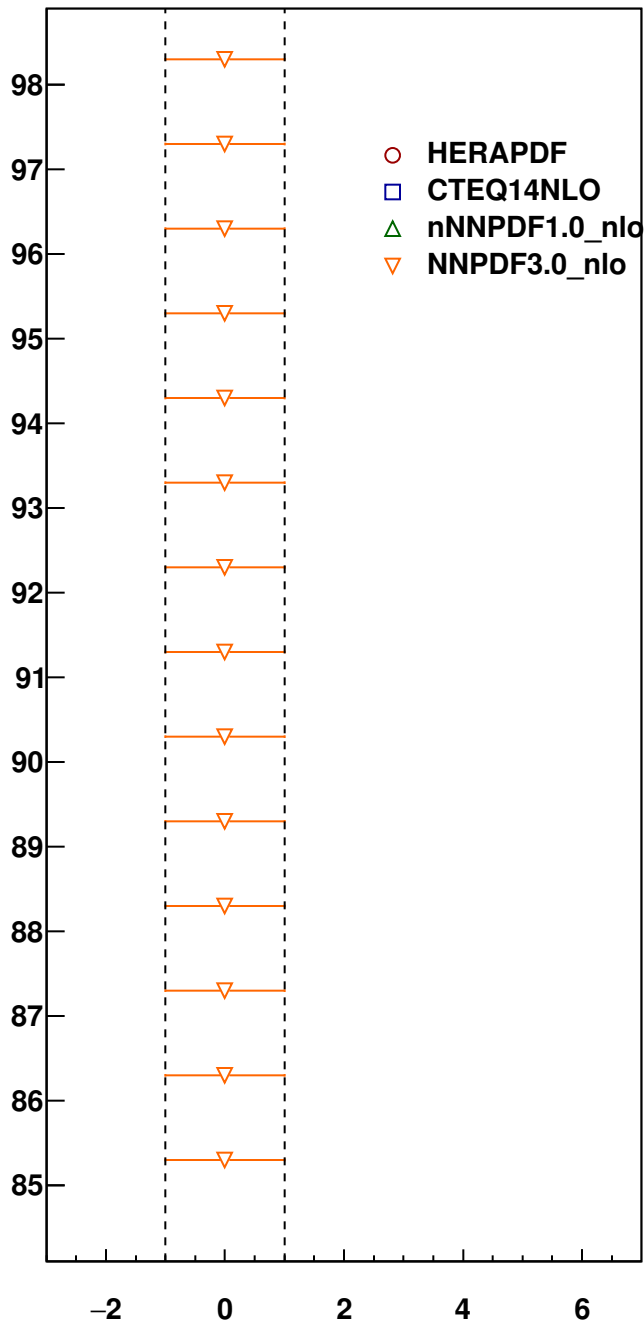
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71 PDF_nuisance_param_71



98 PDF_nuisance_param_98

97 PDF_nuisance_param_97

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91 PDF_nuisance_param_91

90 PDF_nuisance_param_90

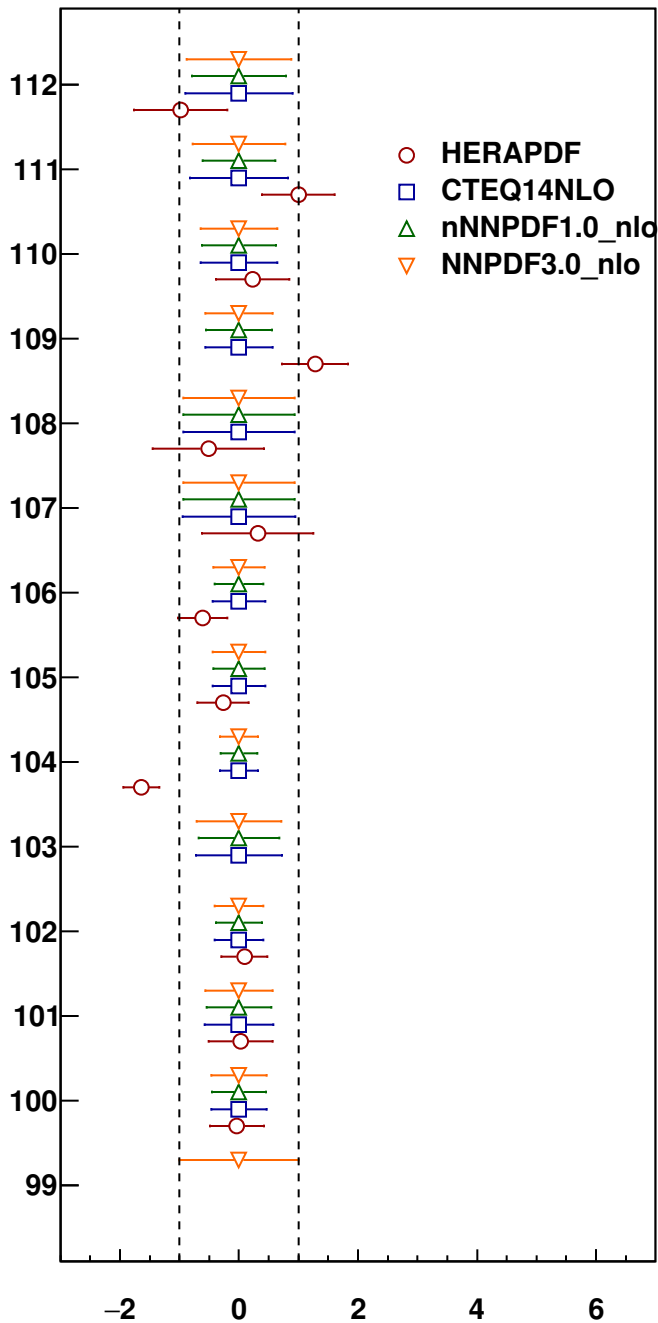
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88 PDF_nuisance_param_88

87 PDF_nuisance_param_87

86 PDF_nuisance_param_86

85 PDF_nuisance_param_85



112 sysHZComb1006

111 sysHZComb1005

110 sysHZComb1004

109 sysHZComb1003

108 sysHZComb1002

107 sysHZComb1001

106 proc_tb24

105 proc_tb23

104 proc_tb22

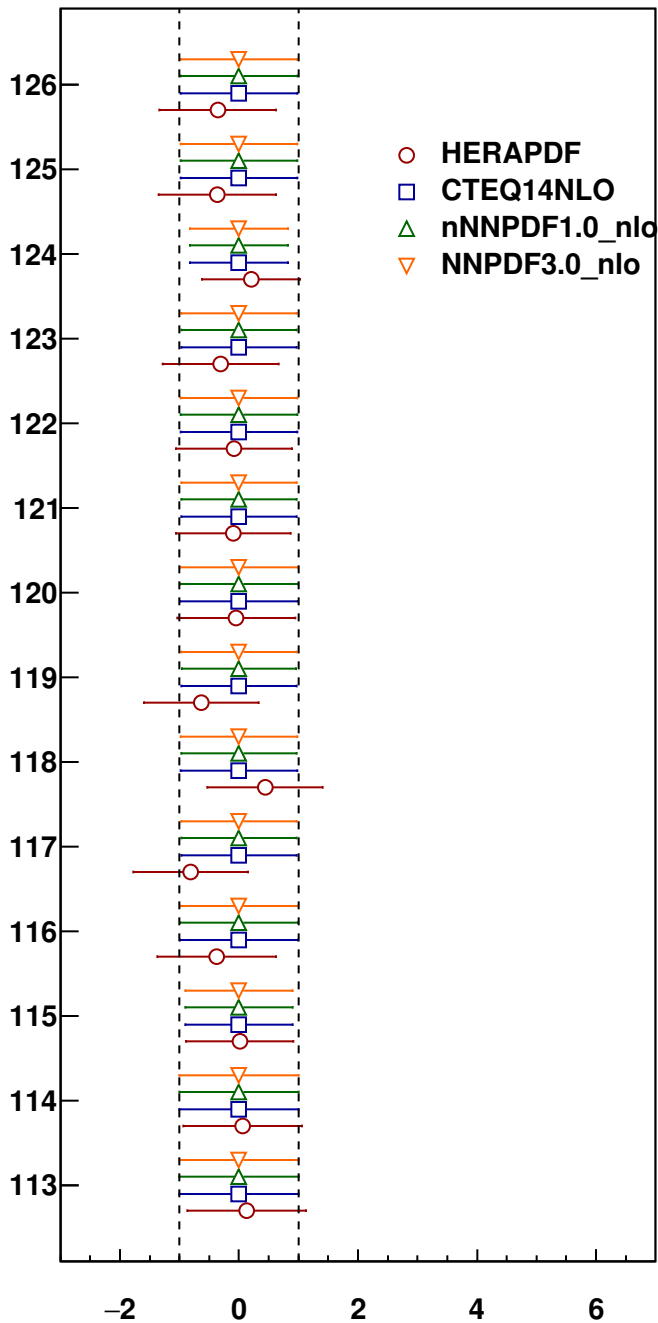
103 proc_tb21

102 proc_nrl

101 proc_had

100 proc_gp

99 PDF_nuisance_param_99



126 sysHZComb1020

125 sysHZComb1019

124 sysHZComb1018

123 sysHZComb1017

122 sysHZComb1016

121 sysHZComb1015

120 sysHZComb1014

119 sysHZComb1013

118 sysHZComb1012

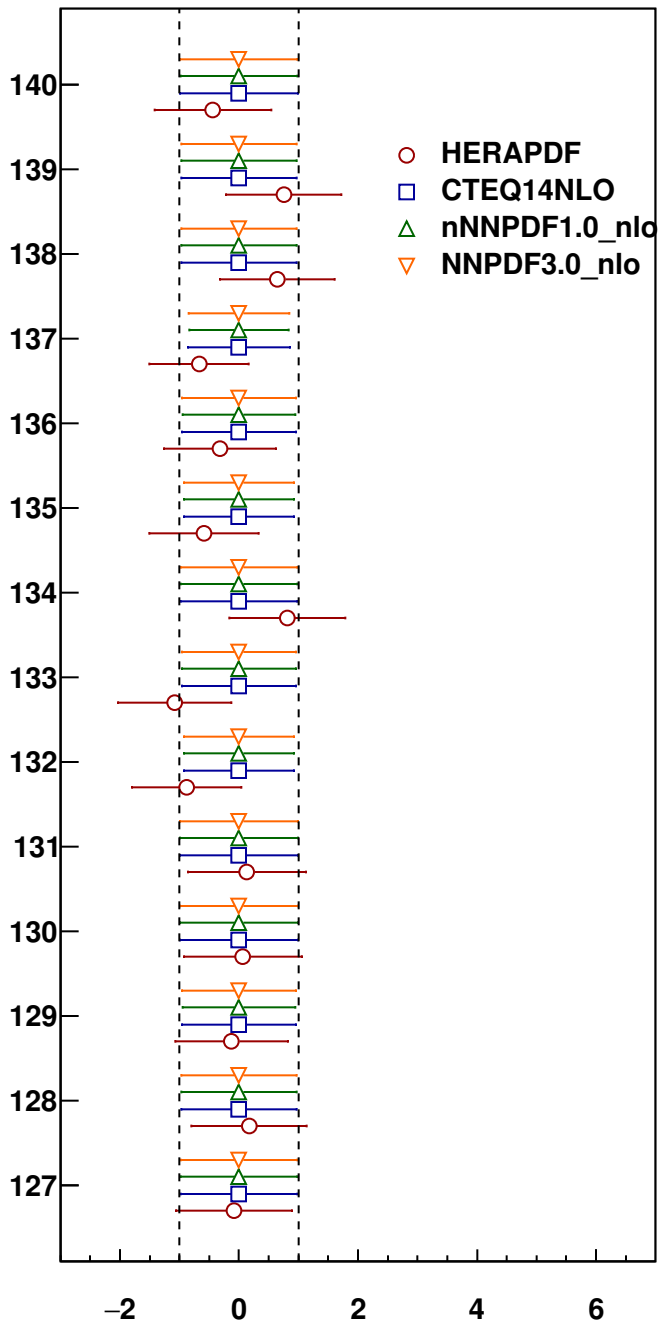
117 sysHZComb1011

116 sysHZComb1010

115 sysHZComb1009

114 sysHZComb1008

113 sysHZComb1007



140 sysHZComb1034

139 sysHZComb1033

138 sysHZComb1032

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135 sysHZComb1029

134 sysHZComb1028

133 sysHZComb1027

132 sysHZComb1026

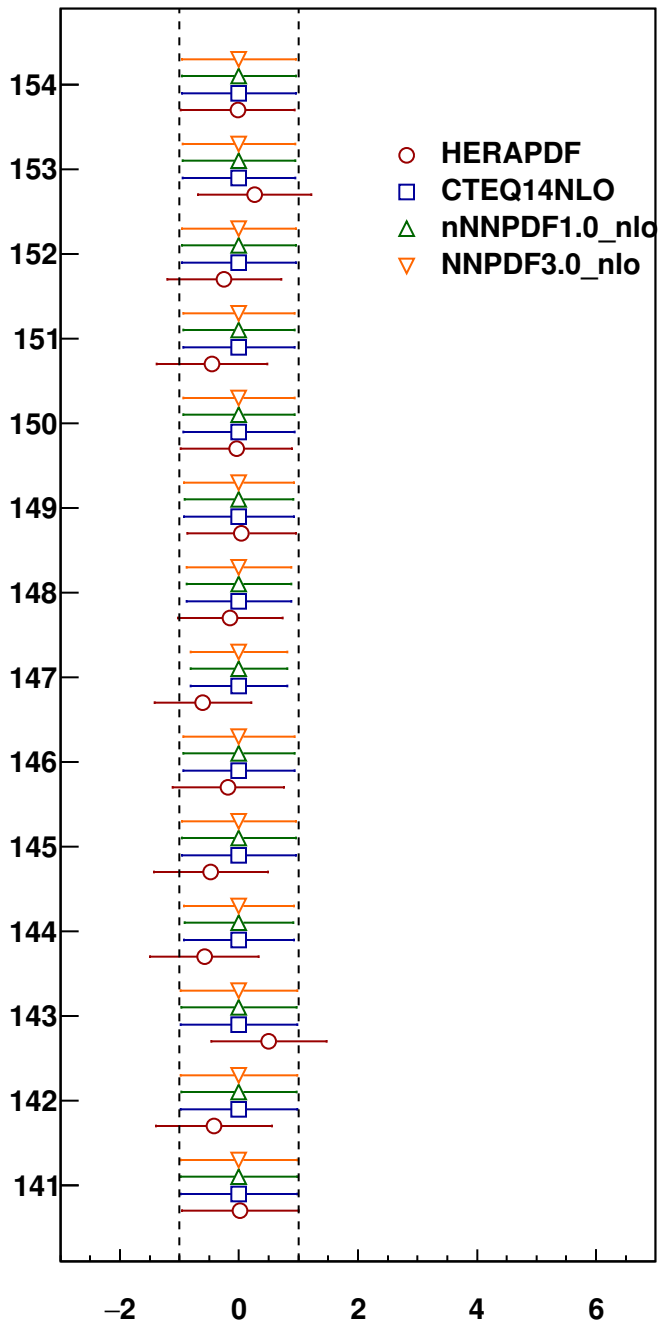
131 sysHZComb1025

130 sysHZComb1024

129 sysHZComb1023

128 sysHZComb1022

127 sysHZComb1021



154 sysHZComb1048

153 sysHZComb1047

152 sysHZComb1046

151 sysHZComb1045

150 sysHZComb1044

149 sysHZComb1043

148 sysHZComb1042

147 sysHZComb1041

146 sysHZComb1040

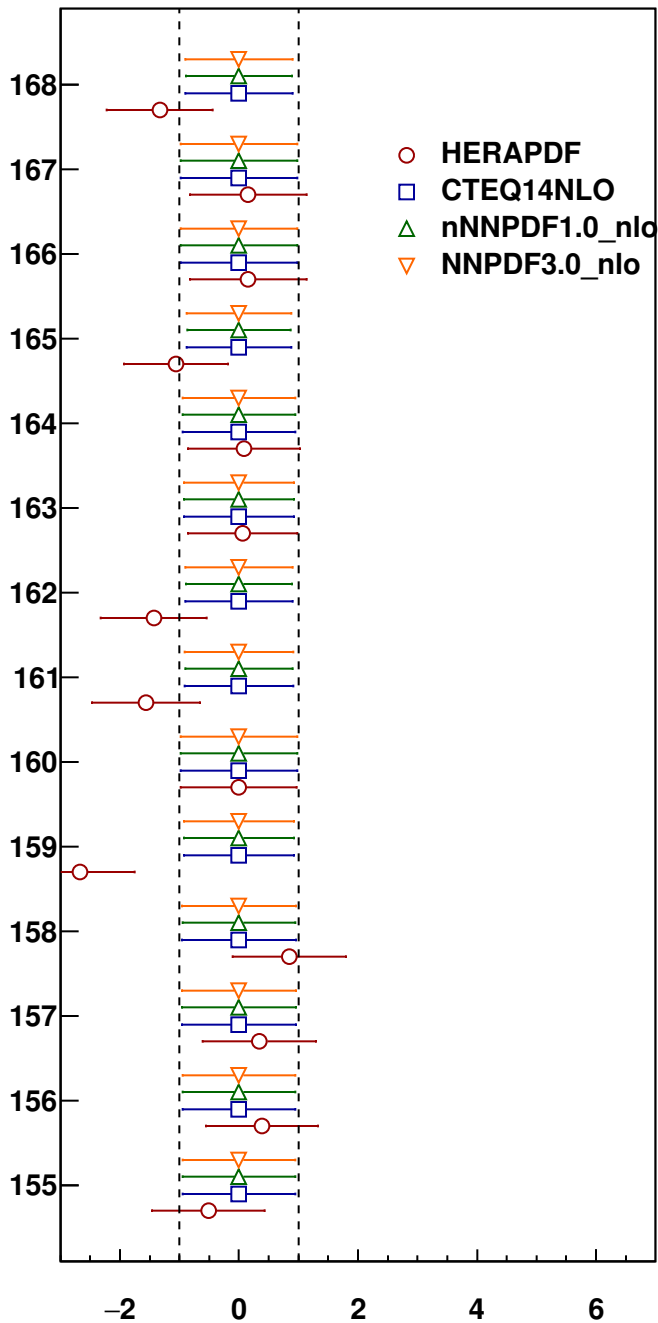
145 sysHZComb1039

144 sysHZComb1038

143 sysHZComb1037

142 sysHZComb1036

141 sysHZComb1035



168 sysHZComb1062

167 sysHZComb1061

166 sysHZComb1060

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164 sysHZComb1058

163 sysHZComb1057

162 sysHZComb1056

161 sysHZComb1055

160 sysHZComb1054

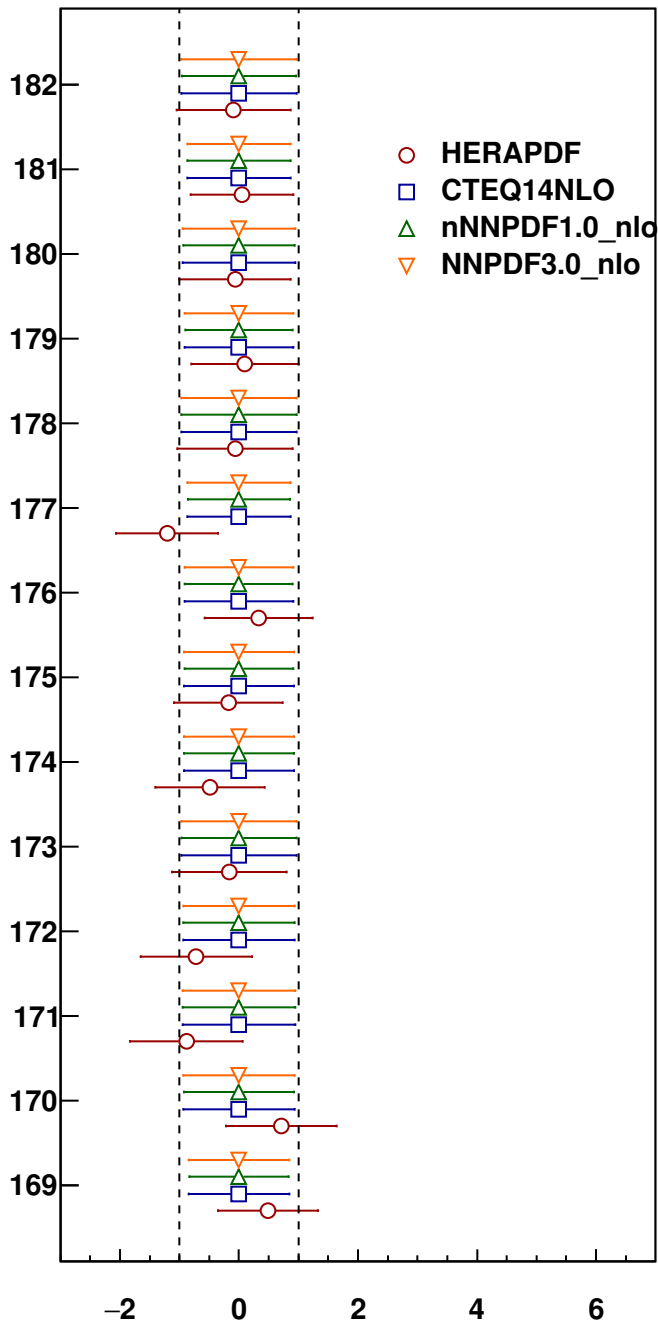
159 sysHZComb1053

158 sysHZComb1052

157 sysHZComb1051

156 sysHZComb1050

155 sysHZComb1049



182 sysHZComb1076

181 sysHZComb1075

180 sysHZComb1074

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177 sysHZComb1071

176 sysHZComb1070

175 sysHZComb1069

174 sysHZComb1068

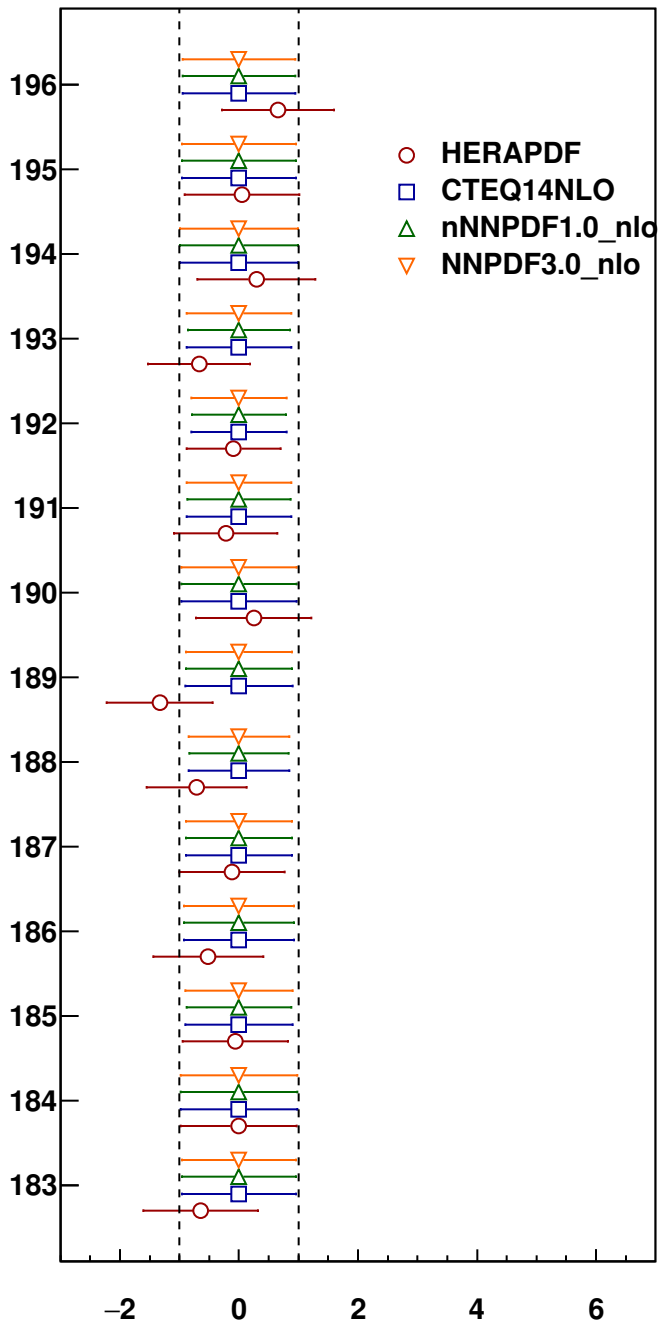
173 sysHZComb1067

172 sysHZComb1066

171 sysHZComb1065

170 sysHZComb1064

169 sysHZComb1063



196 sysHZComb1090

195 sysHZComb1089

194 sysHZComb1088

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191 sysHZComb1085

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189 sysHZComb1083

188 sysHZComb1082

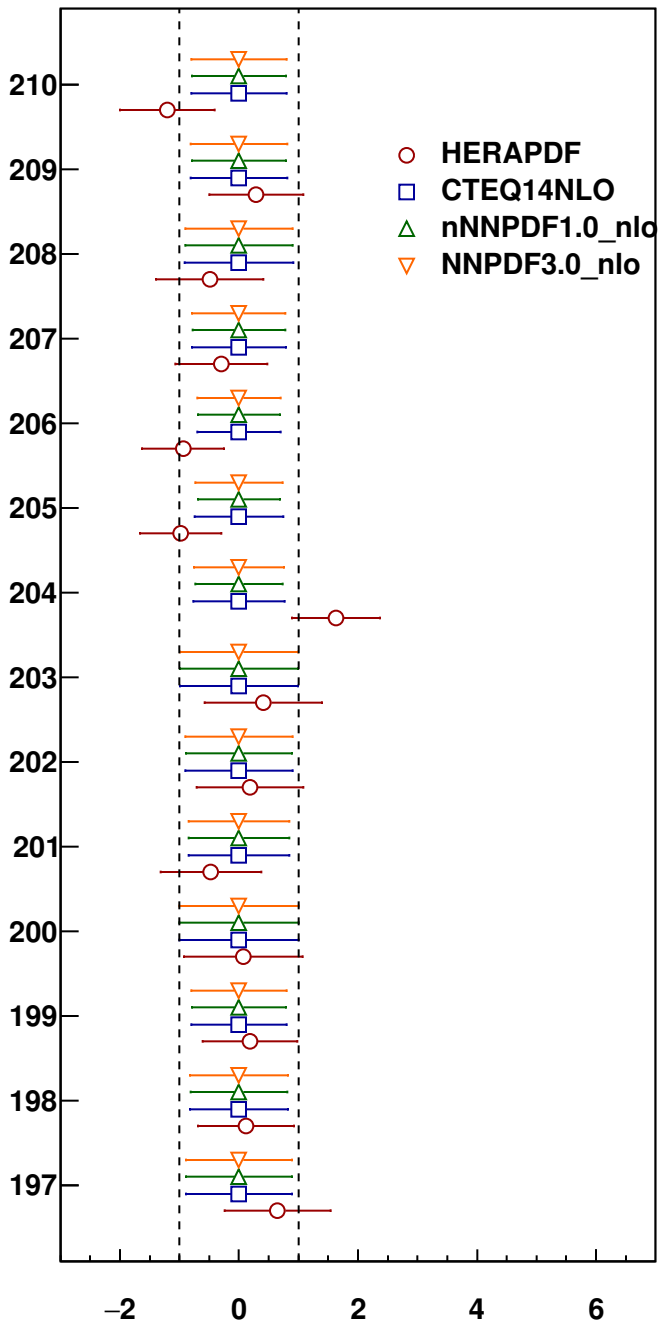
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186 sysHZComb1080

185 sysHZComb1079

184 sysHZComb1078

183 sysHZComb1077



210 sysHZComb1104

209 sysHZComb1103

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206 sysHZComb1100

205 sysHZComb1099

204 sysHZComb1098

203 sysHZComb1097

202 sysHZComb1096

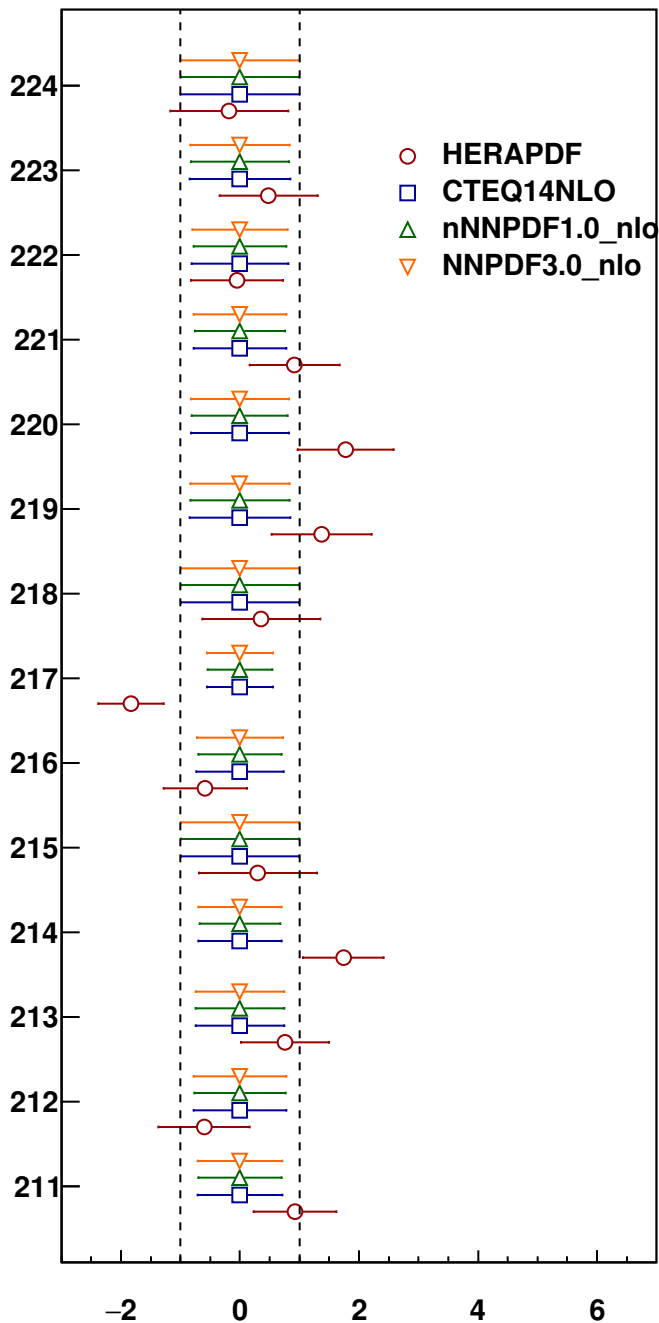
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199 sysHZComb1093

198 sysHZComb1092

197 sysHZComb1091



224 sysHZComb1118

223 sysHZComb1117

222 sysHZComb1116

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219 sysHZComb1113

218 sysHZComb1112

217 sysHZComb1111

216 sysHZComb1110

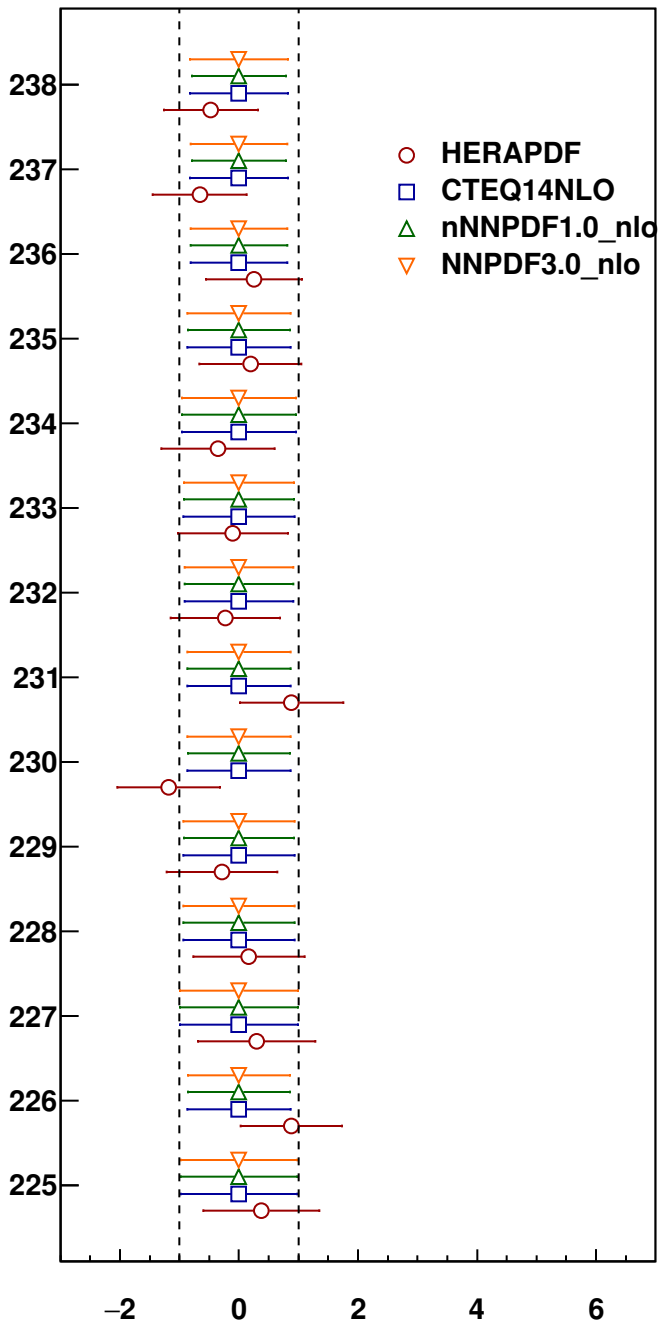
215 sysHZComb1109

214 sysHZComb1108

213 sysHZComb1107

212 sysHZComb1106

211 sysHZComb1105



238 sysHZComb1132

237 sysHZComb1131

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233 sysHZComb1127

232 sysHZComb1126

231 sysHZComb1125

230 sysHZComb1124

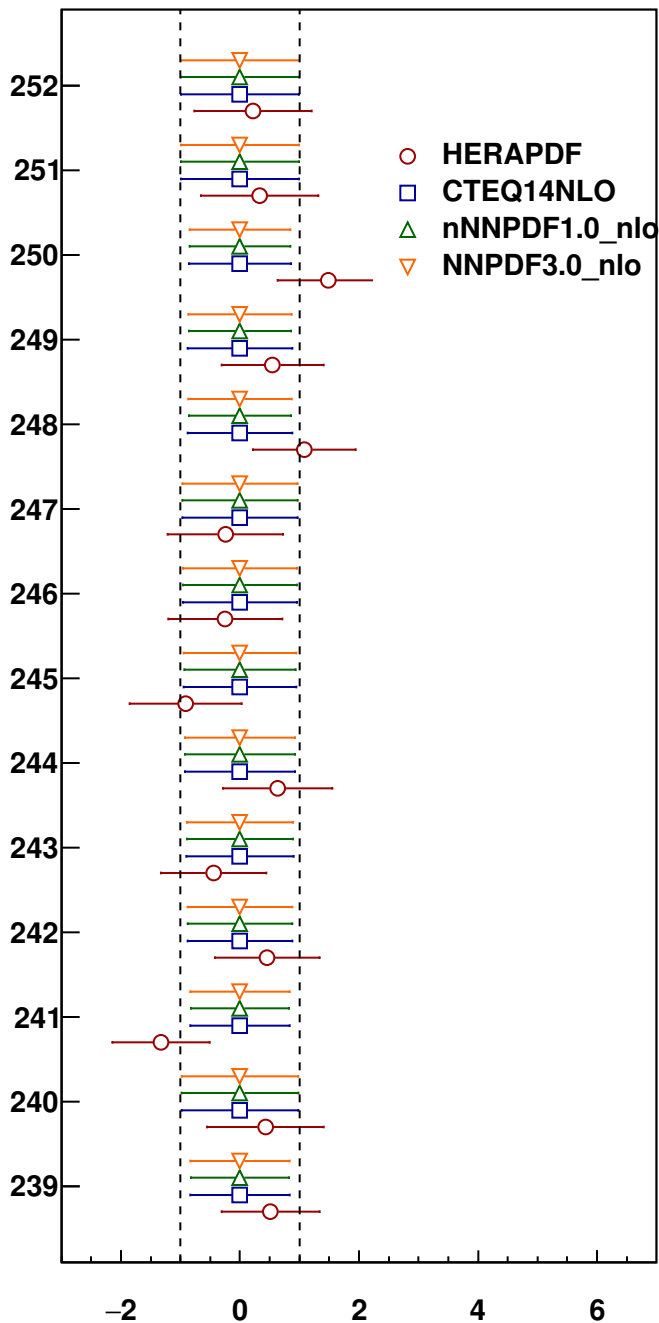
229 sysHZComb1123

228 sysHZComb1122

227 sysHZComb1121

226 sysHZComb1120

225 sysHZComb1119



252 sysHZComb1146

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247 sysHZComb1141

246 sysHZComb1140

245 sysHZComb1139

244 sysHZComb1138

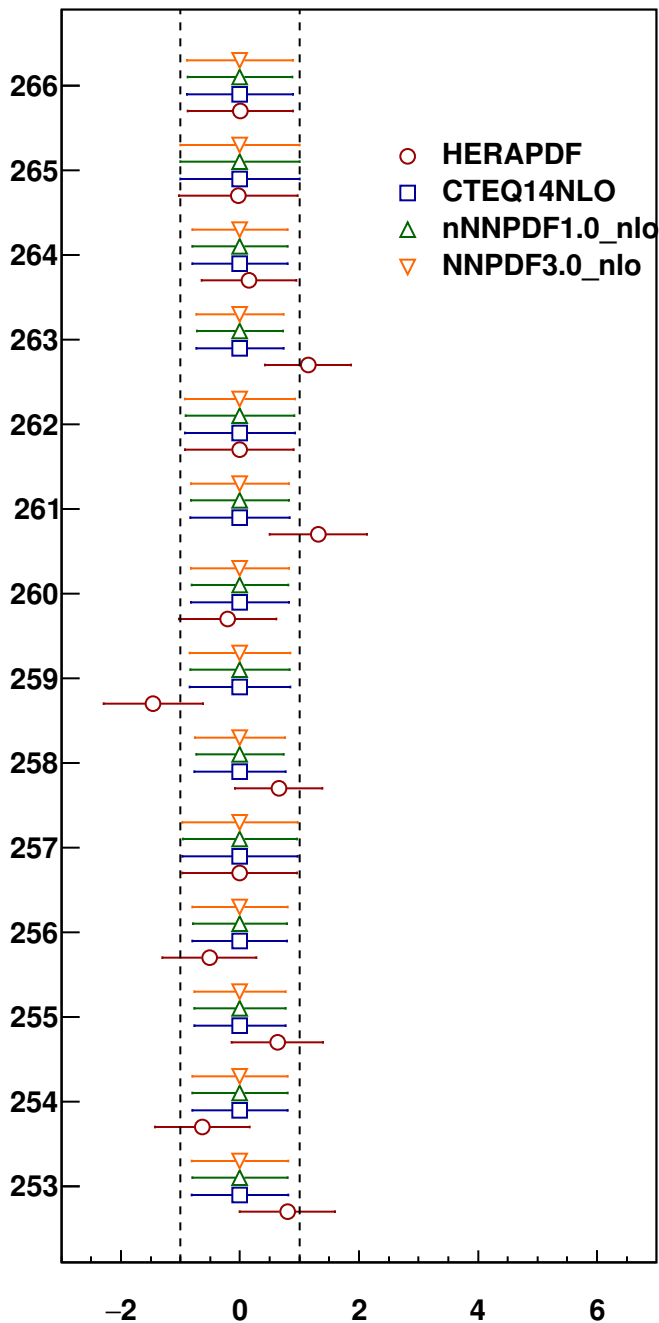
243 sysHZComb1137

242 sysHZComb1136

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240 sysHZComb1134

239 sysHZComb1133



266 sysHZComb1160

265 sysHZComb1159

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261 sysHZComb1155

260 sysHZComb1154

259 sysHZComb1153

258 sysHZComb1152

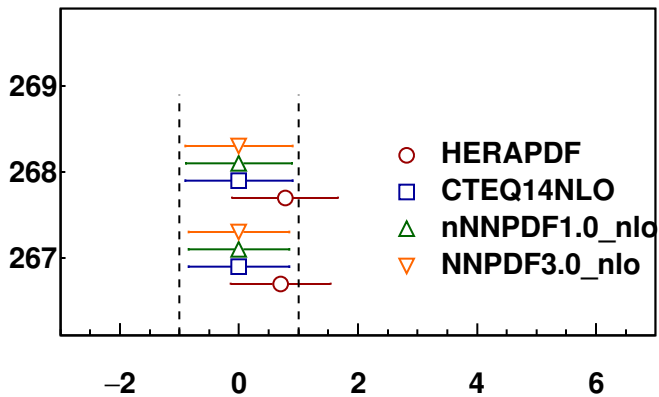
257 sysHZComb1151

256 sysHZComb1150

255 sysHZComb1149

254 sysHZComb1148

253 sysHZComb1147



268 sysHZComb1162

267 sysHZComb1161

Dataset	HERAPDF	CTEQ14NLO	nNNPDF1.0 nlo	NNPDF3.0 nlo
HERA1+2 CCep	45 / 39	0 / 39	0 / 39	0 / 39
HERA1+2 CCem	56 / 42	0 / 42	0 / 42	0 / 42
HERA1+2 NCem	219 / 159	0 / 159	0 / 159	0 / 159
HERA1+2 NCep 820	66 / 70	0 / 70	0 / 70	0 / 70
HERA1+2 NCep 920	443 / 377	0 / 377	0 / 377	0 / 377
HERA1+2 NCep 460	218 / 204	0 / 204	0 / 204	0 / 204
HERA1+2 NCep 575	219 / 254	0 / 254	0 / 254	0 / 254
Correlated χ^2	92	0	0	0
Log penalty χ^2	+5.9	+0.00	+0.00	+0.00
Total χ^2 / dof	1363 / 1131	0 / 1145	0 / 1145	0 / 1145
χ^2 p-value	0.00	1.00	1.00	1.00

Parameter	HERAPDF	CTEQ14NLO	nNNPDF1.0 nlo	NNPDF3.0 nlo
'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	not-a-fit	not-a-fit
Uncertainties	migrad-hesse	not-a-fit	not-a-fit	not-a-fit