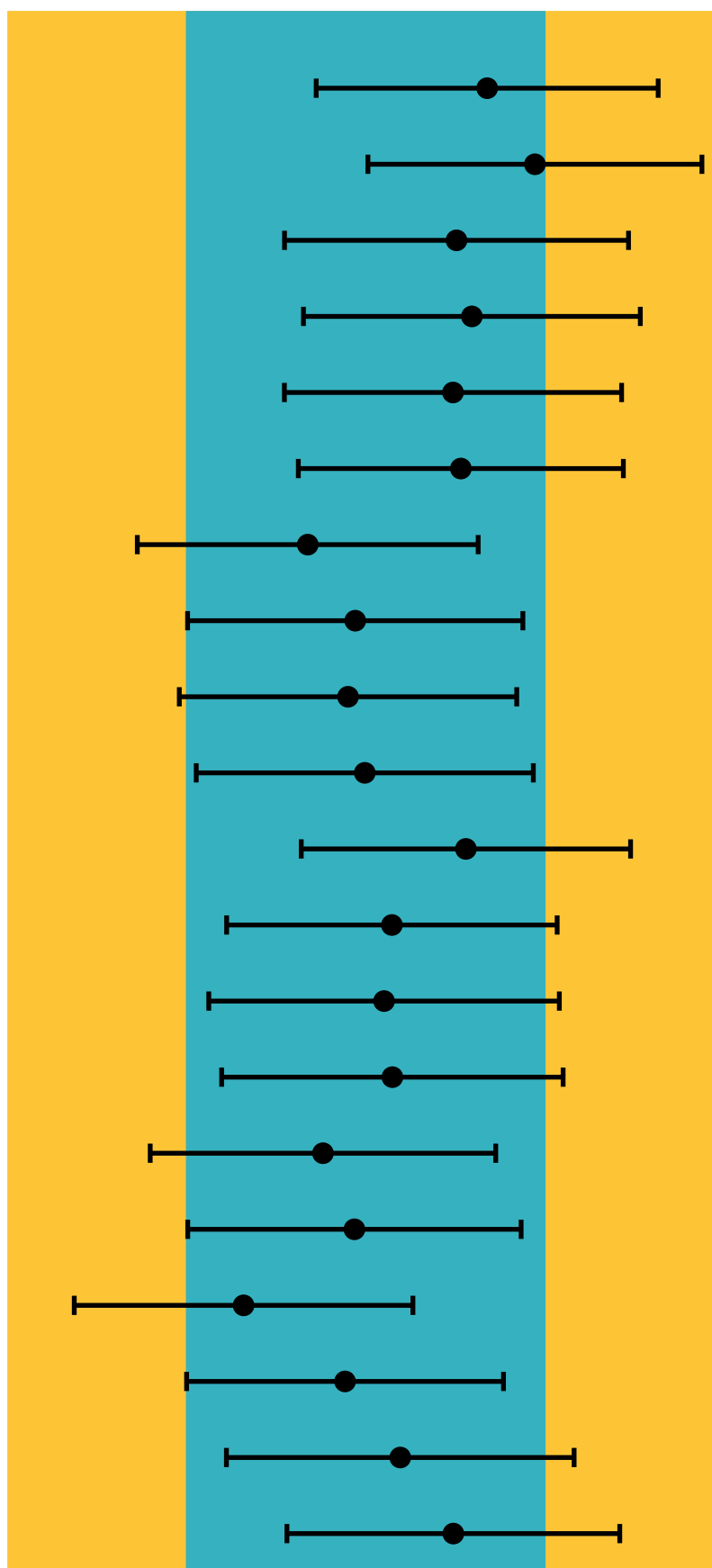


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 alpha_CR12_shape_E_ggf_16_dEta_2_Xhh_2
 alpha_CR12_shape_E_ggf_16_dEta_3_Xhh_1
 alpha_CR12_shape_E_ggf_16_dEta_3_Xhh_2
 alpha_CR12_shape_E_ggf_17_dEta_1_Xhh_1
 alpha_CR12_shape_E_ggf_17_dEta_1_Xhh_2
 alpha_CR12_shape_E_ggf_17_dEta_2_Xhh_1
 alpha_CR12_shape_E_ggf_17_dEta_2_Xhh_2
 alpha_CR12_shape_E_ggf_17_dEta_3_Xhh_1
 alpha_CR12_shape_E_ggf_17_dEta_3_Xhh_2
 alpha_CR12_shape_E_ggf_18_dEta_1_Xhh_1
 alpha_CR12_shape_E_ggf_18_dEta_1_Xhh_2
 alpha_CR12_shape_E_ggf_18_dEta_2_Xhh_1
 alpha_CR12_shape_E_ggf_18_dEta_2_Xhh_2
 alpha_CR12_shape_E_ggf_18_dEta_3_Xhh_1
 alpha_CR12_shape_E_ggf_18_dEta_3_Xhh_2
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 alpha_CR12_shape_N_ggf_16_dEta_1_Xhh_2



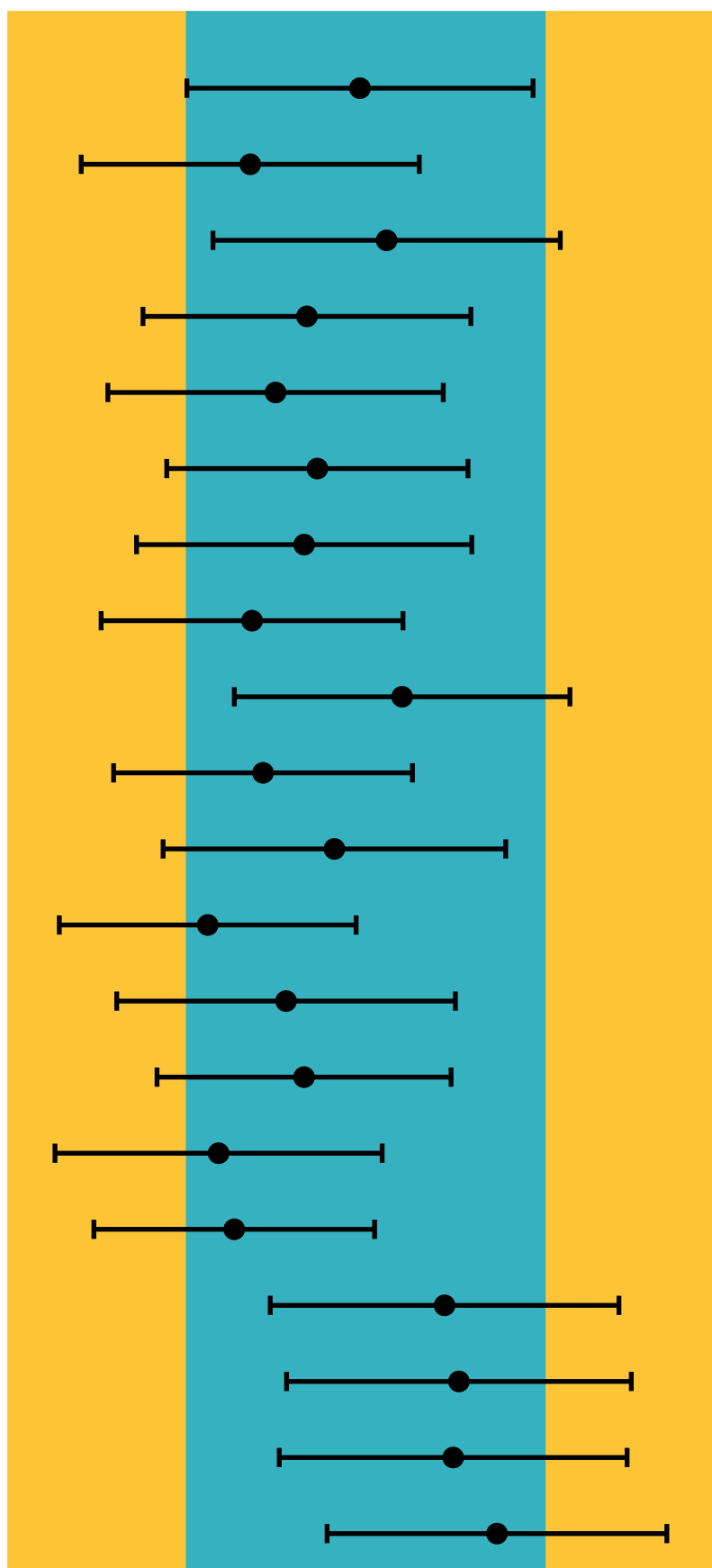
ATLAS Internal

—●— Nuis. Param. Pull

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

-3 -2 -1 0 1 2 3
 $(\hat{\theta} - \theta_0) / \Delta\theta$

alpha_CR12_shape_N_ggf_16_dEta_2_Xhh_1
alpha_CR12_shape_N_ggf_16_dEta_2_Xhh_2
alpha_CR12_shape_N_ggf_16_dEta_3_Xhh_1
alpha_CR12_shape_N_ggf_16_dEta_3_Xhh_2
alpha_CR12_shape_N_ggf_17_dEta_1_Xhh_1
alpha_CR12_shape_N_ggf_17_dEta_1_Xhh_2
alpha_CR12_shape_N_ggf_17_dEta_2_Xhh_1
alpha_CR12_shape_N_ggf_17_dEta_2_Xhh_2
alpha_CR12_shape_N_ggf_17_dEta_3_Xhh_1
alpha_CR12_shape_N_ggf_17_dEta_3_Xhh_2
alpha_CR12_shape_N_ggf_18_dEta_1_Xhh_1
alpha_CR12_shape_N_ggf_18_dEta_1_Xhh_2
alpha_CR12_shape_N_ggf_18_dEta_2_Xhh_1
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alpha_CR12_shape_N_ggf_18_dEta_3_Xhh_2
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alpha_CR12_shape_S_ggf_16_dEta_1_Xhh_2
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alpha_CR12_shape_S_ggf_16_dEta_2_Xhh_2



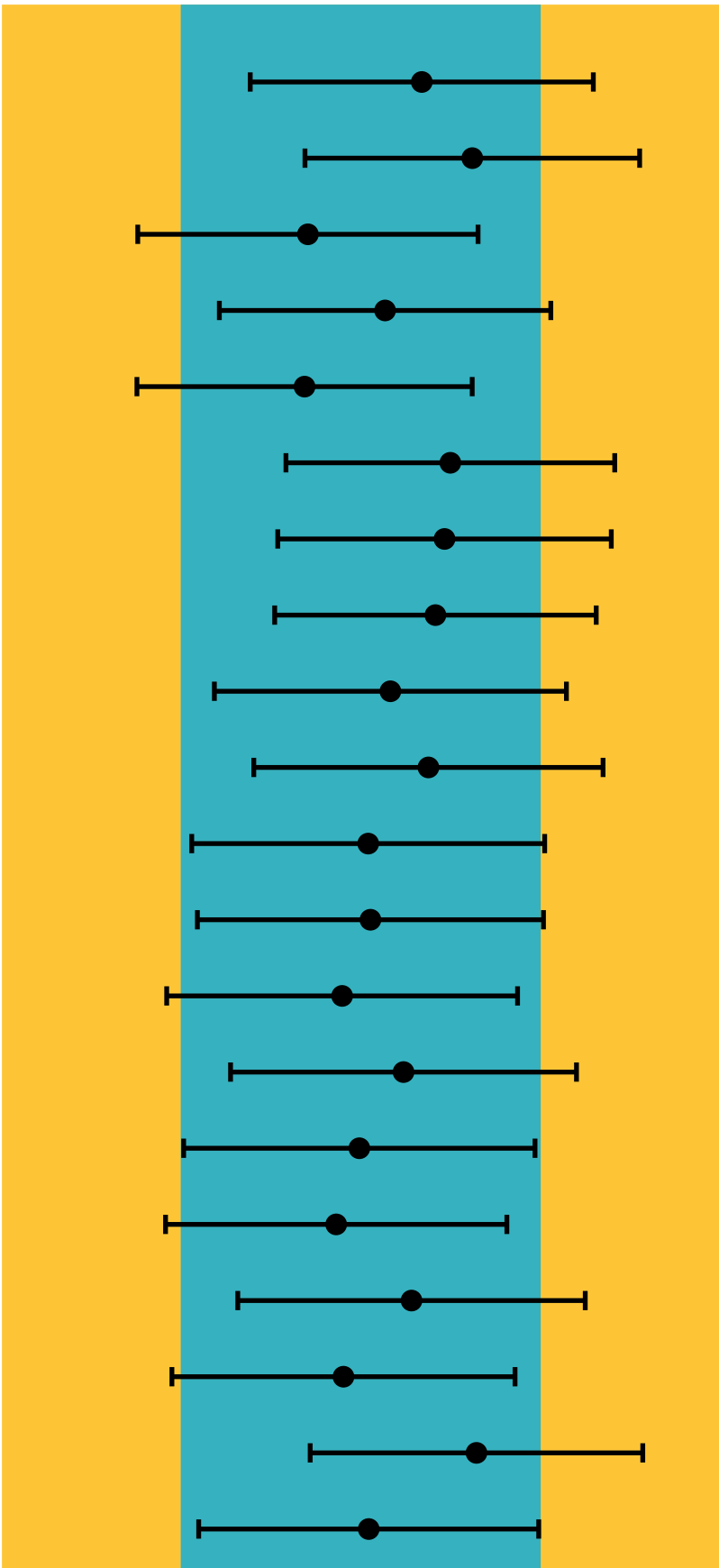
ATLAS Internal

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

—●— Nuis. Param. Pull

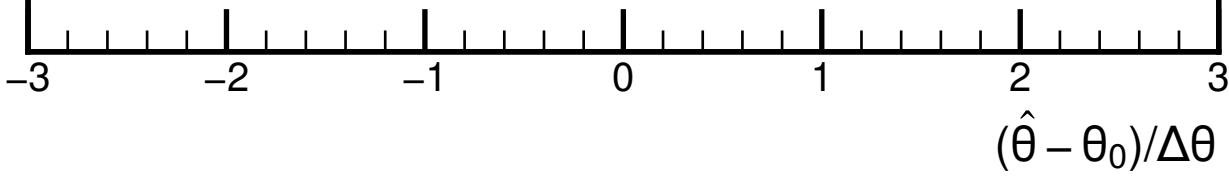
-3 -2 -1 0 1 2 3
 $(\hat{\theta} - \theta_0)/\Delta\theta$

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alpha_CR12_shape_S_ggf_16_dEta_3_Xhh_2
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alpha_CR12_shape_S_ggf_17_dEta_1_Xhh_2
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alpha_CR12_shape_S_ggf_18_dEta_2_Xhh_2
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alpha_CR12_shape_W_ggf_16_dEta_2_Xhh_2
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alpha_CR12_shape_W_ggf_16_dEta_3_Xhh_2



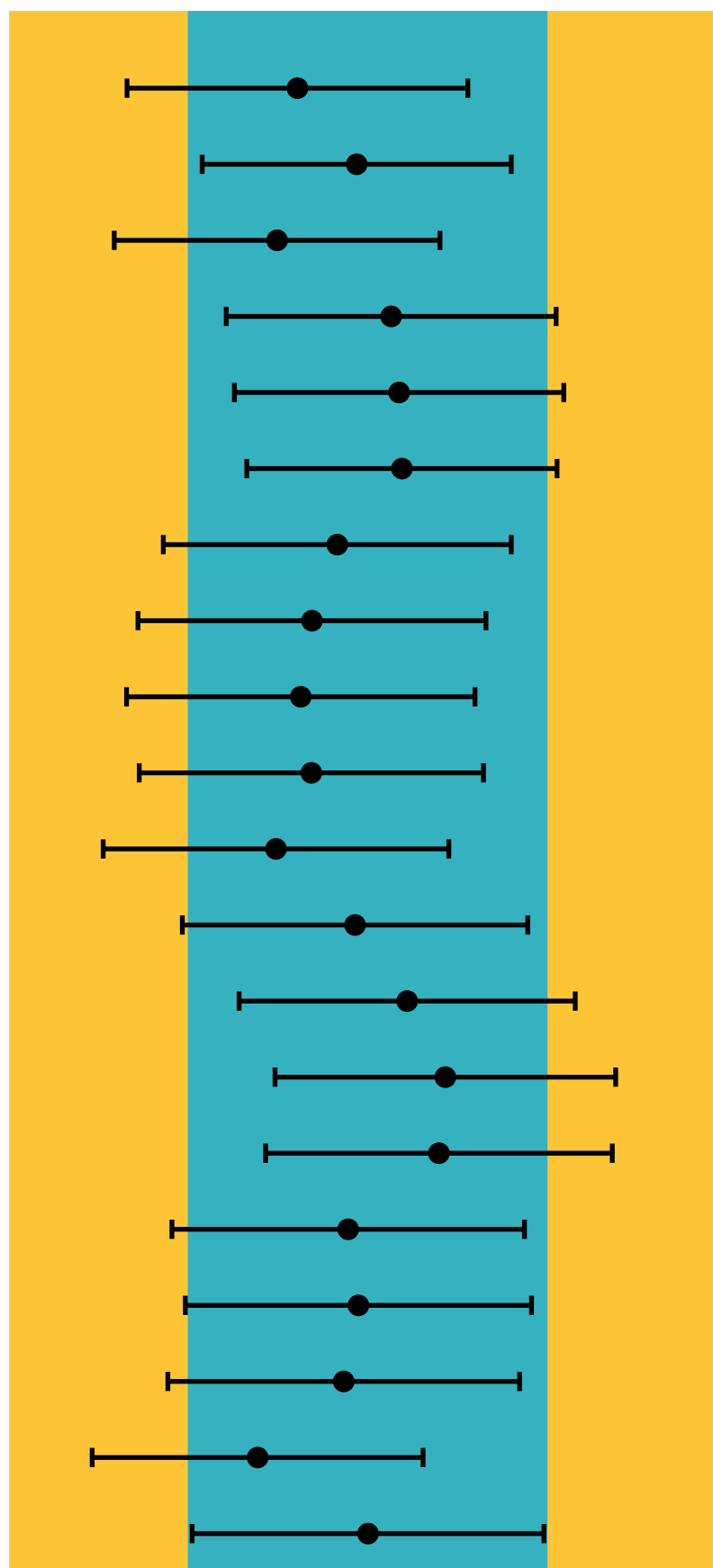
ATLAS Internal —●— Nuis. Param. Pull

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

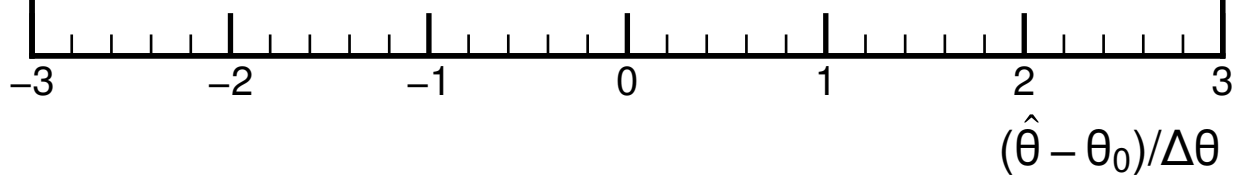


alpha_CR12_shape_W_ggf_17_dEta_1_Xhh_1
alpha_CR12_shape_W_ggf_17_dEta_1_Xhh_2
alpha_CR12_shape_W_ggf_17_dEta_2_Xhh_1
alpha_CR12_shape_W_ggf_17_dEta_2_Xhh_2
alpha_CR12_shape_W_ggf_17_dEta_3_Xhh_1
alpha_CR12_shape_W_ggf_17_dEta_3_Xhh_2
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alpha_CR12_shape_W_ggf_18_dEta_2_Xhh_1
alpha_CR12_shape_W_ggf_18_dEta_2_Xhh_2
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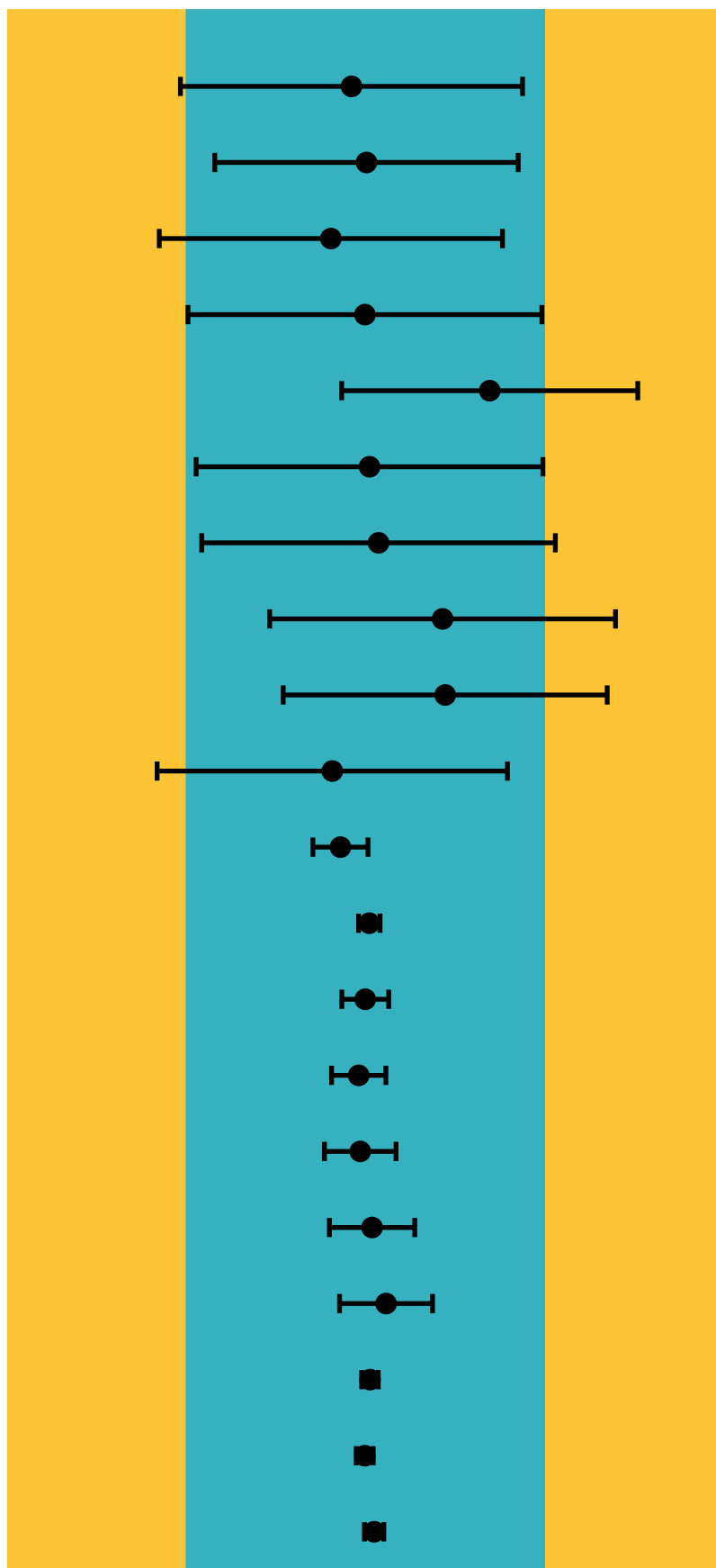
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alpha_NC_3b1f_ggf_16_dEta_1_Xhh_2
alpha_NC_3b1f_ggf_16_dEta_2_Xhh_1
alpha_NC_3b1f_ggf_16_dEta_2_Xhh_2
alpha_NC_3b1f_ggf_16_dEta_3_Xhh_1
alpha_NC_3b1f_ggf_16_dEta_3_Xhh_2
alpha_NC_3b1f_ggf_17_dEta_1_Xhh_1
alpha_NC_3b1f_ggf_17_dEta_1_Xhh_2



ATLAS Internal —●— Nuis. Param. Pull
 $\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$



alpha_NC_3b1f_ggf_17_dEta_2_Xhh_1
alpha_NC_3b1f_ggf_17_dEta_2_Xhh_2
alpha_NC_3b1f_ggf_17_dEta_3_Xhh_1
alpha_NC_3b1f_ggf_17_dEta_3_Xhh_2
alpha_NC_3b1f_ggf_18_dEta_1_Xhh_1
alpha_NC_3b1f_ggf_18_dEta_1_Xhh_2
alpha_NC_3b1f_ggf_18_dEta_2_Xhh_1
alpha_NC_3b1f_ggf_18_dEta_2_Xhh_2
alpha_NC_3b1f_ggf_18_dEta_3_Xhh_1
alpha_NC_3b1f_ggf_18_dEta_3_Xhh_2
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gamma_bkg_stat_ggf_16_dEta_1_Xhh_1_bin_1
gamma_bkg_stat_ggf_16_dEta_1_Xhh_1_bin_10
gamma_bkg_stat_ggf_16_dEta_1_Xhh_1_bin_11
gamma_bkg_stat_ggf_16_dEta_1_Xhh_1_bin_12
gamma_bkg_stat_ggf_16_dEta_1_Xhh_1_bin_13
gamma_bkg_stat_ggf_16_dEta_1_Xhh_1_bin_14
gamma_bkg_stat_ggf_16_dEta_1_Xhh_1_bin_2
gamma_bkg_stat_ggf_16_dEta_1_Xhh_1_bin_3
gamma_bkg_stat_ggf_16_dEta_1_Xhh_1_bin_4

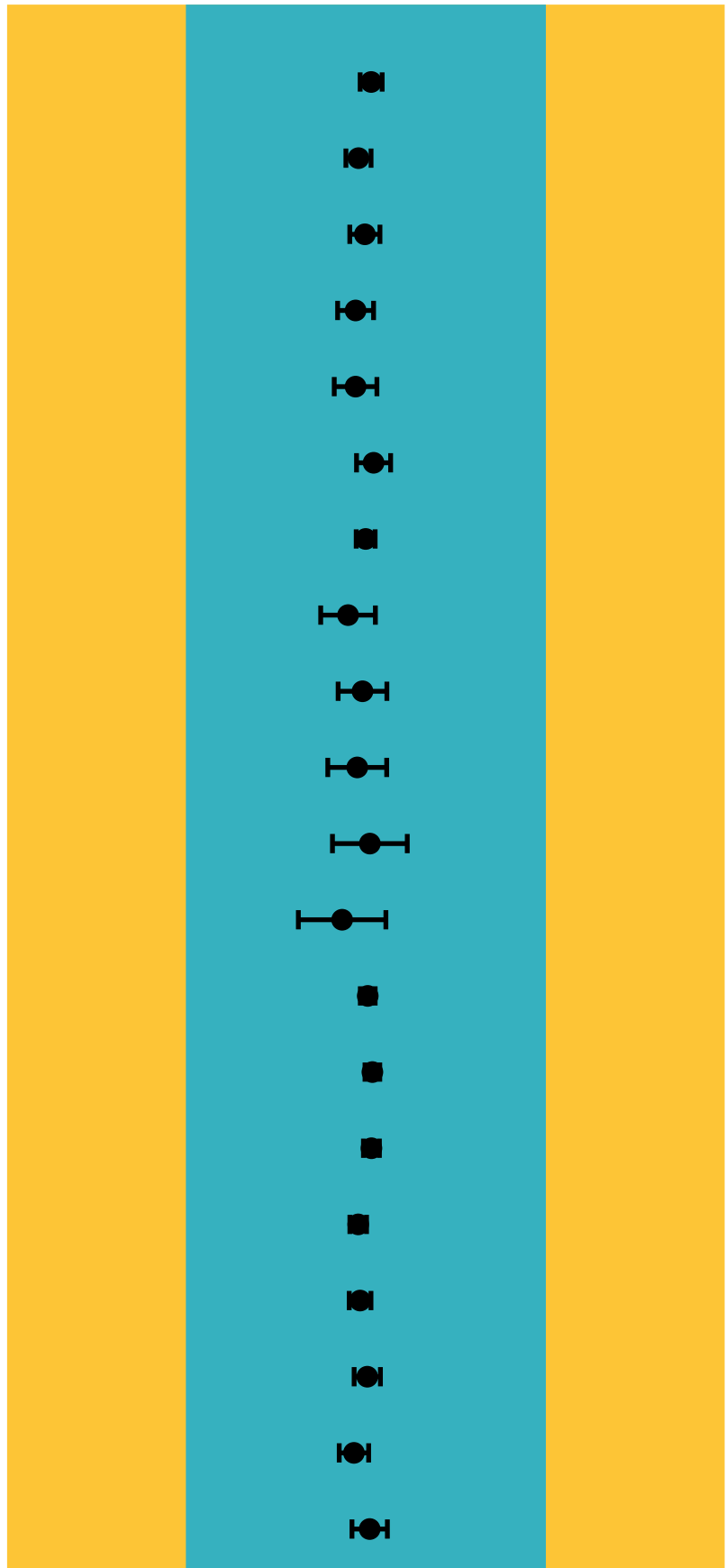


ATLAS Internal
 $\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

—●— Nuis. Param. Pull

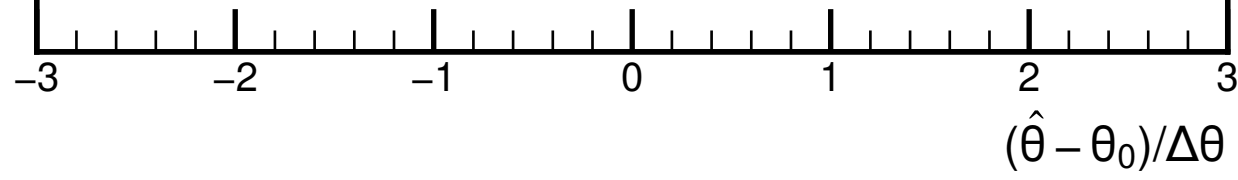
-3 -2 -1 0 1 2 3
 $(\hat{\theta} - \theta_0)/\Delta\theta$

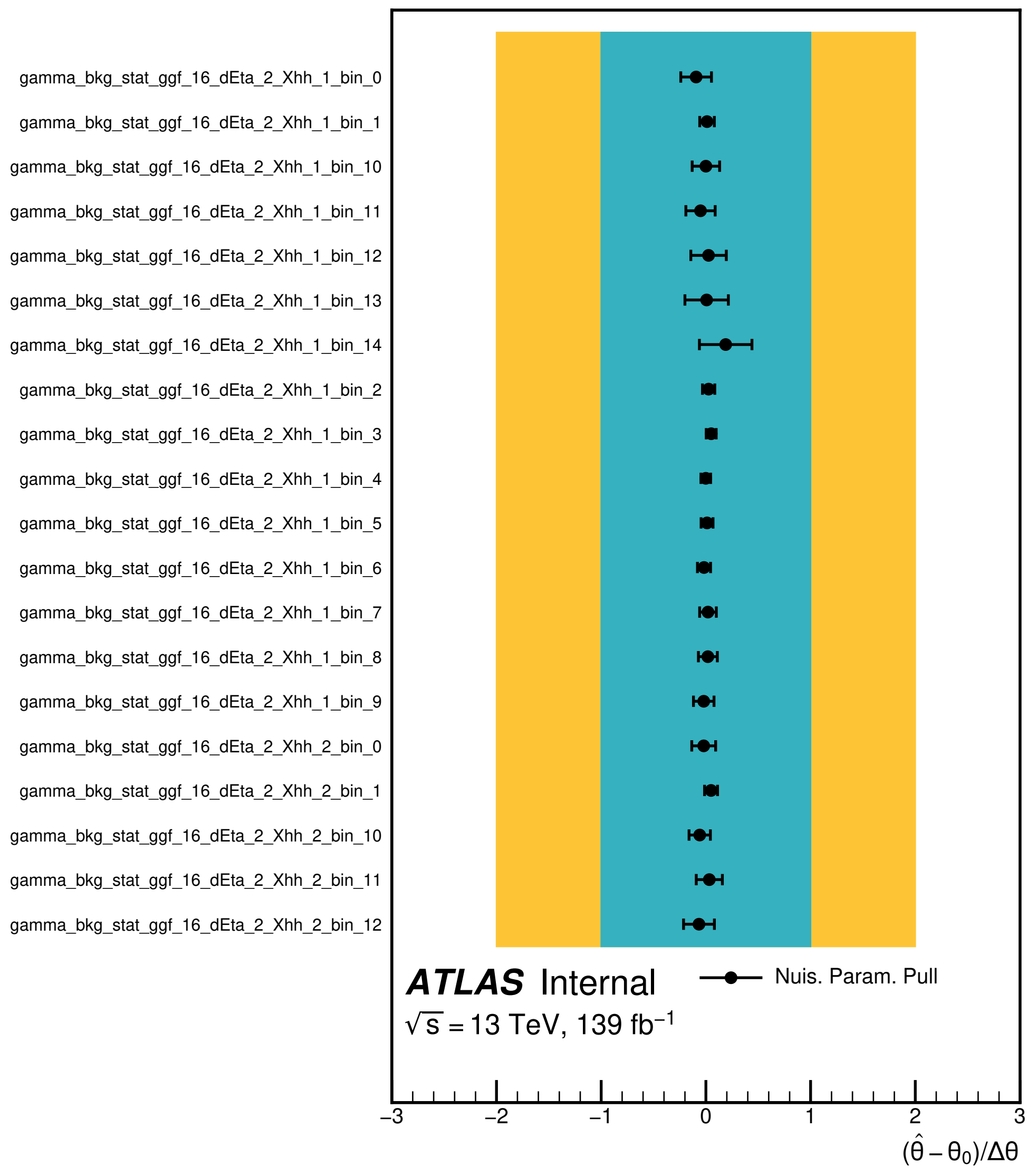
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gamma_bkg_stat_ggf_16_dEta_1_Xhh_1_bin_6
gamma_bkg_stat_ggf_16_dEta_1_Xhh_1_bin_7
gamma_bkg_stat_ggf_16_dEta_1_Xhh_1_bin_8
gamma_bkg_stat_ggf_16_dEta_1_Xhh_1_bin_9
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_0
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_1
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_10
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_11
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_12
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_13
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_14
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_2
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_3
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_4
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_5
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_6
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_7
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_8
gamma_bkg_stat_ggf_16_dEta_1_Xhh_2_bin_9



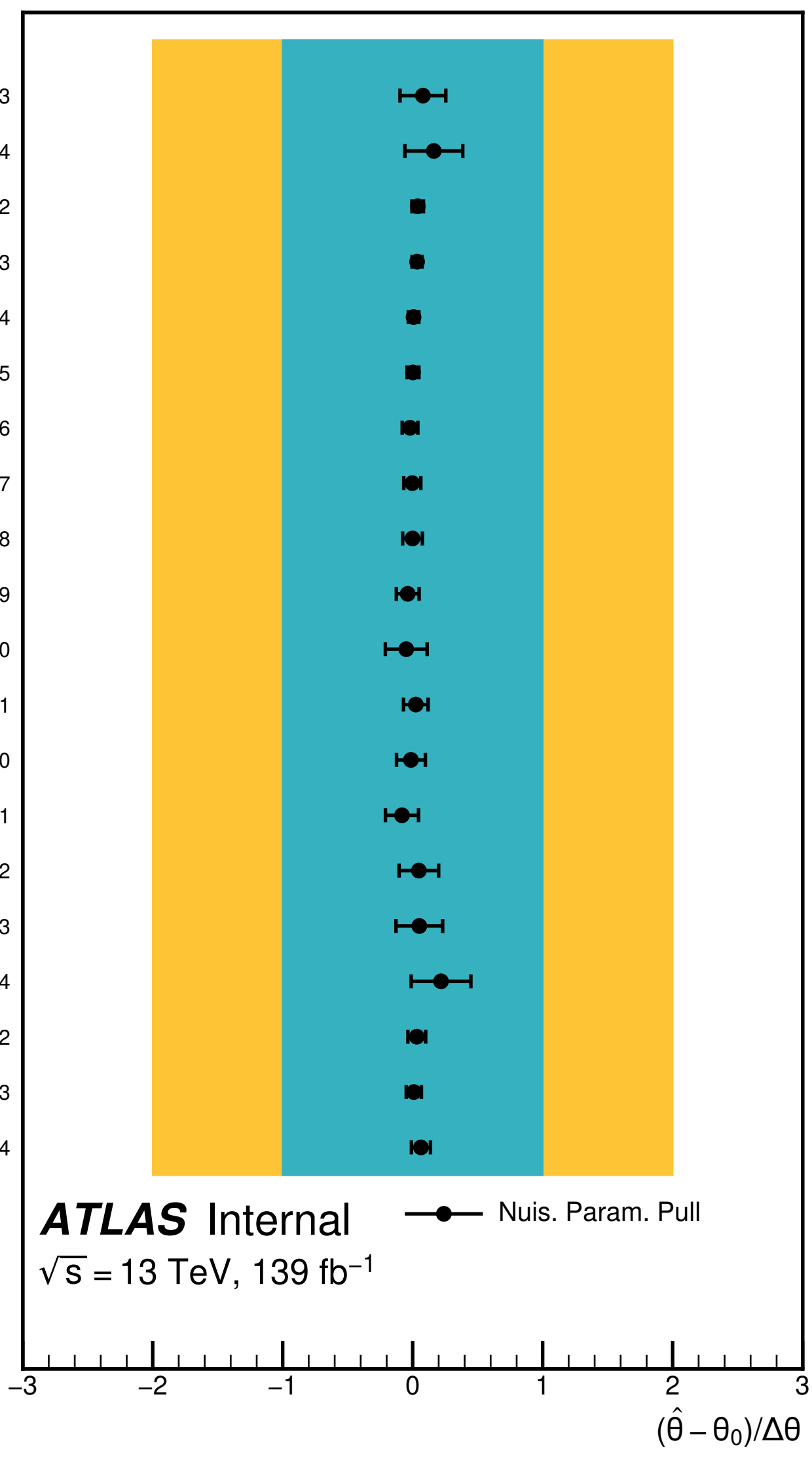
ATLAS Internal —●— Nuis. Param. Pull

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

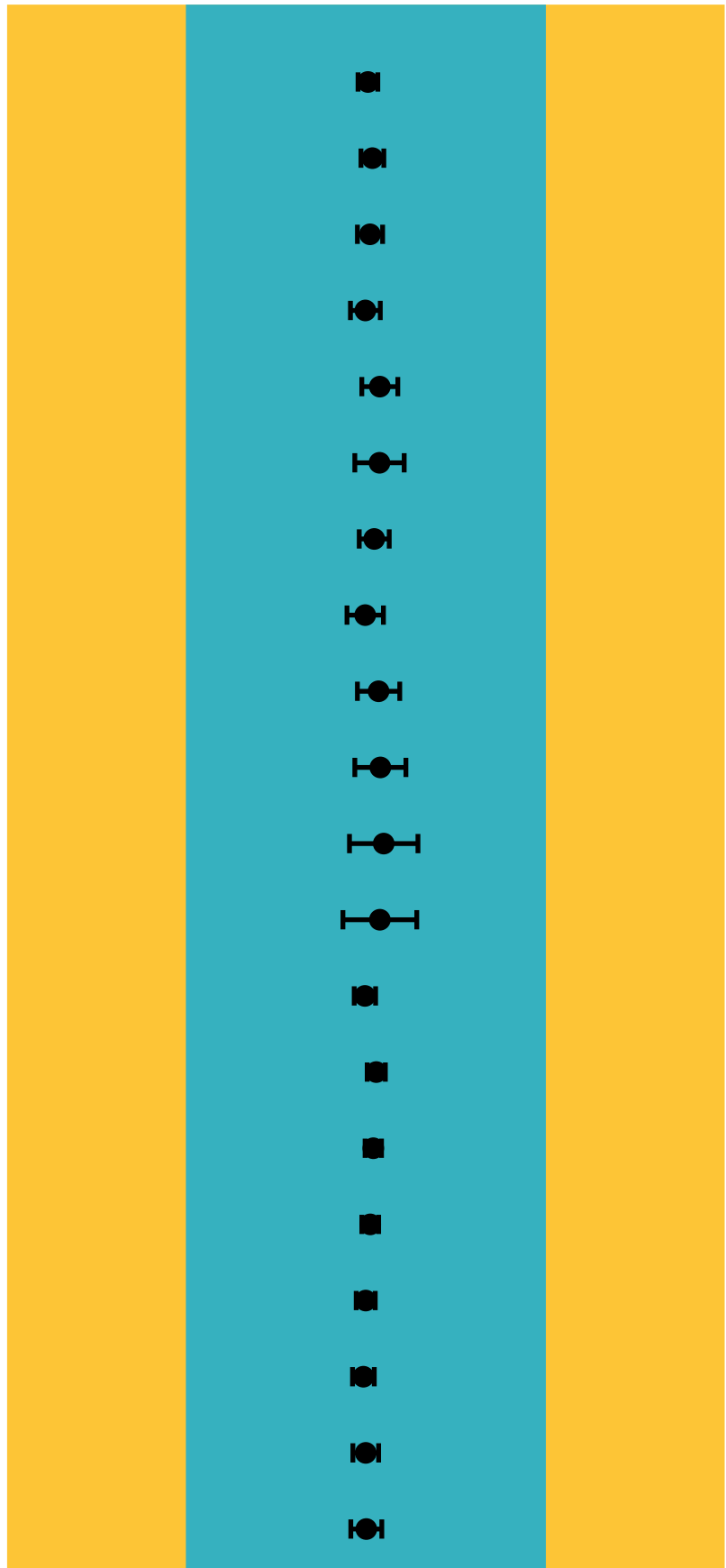




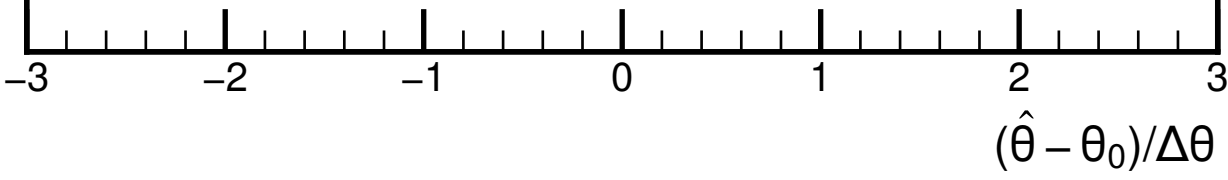
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 gamma_bkg_stat_ggf_16_dEta_2_Xhh_2_bin_3
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 gamma_bkg_stat_ggf_16_dEta_3_Xhh_1_bin_0
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 gamma_bkg_stat_ggf_16_dEta_3_Xhh_1_bin_12
 gamma_bkg_stat_ggf_16_dEta_3_Xhh_1_bin_13
 gamma_bkg_stat_ggf_16_dEta_3_Xhh_1_bin_14
 gamma_bkg_stat_ggf_16_dEta_3_Xhh_1_bin_2
 gamma_bkg_stat_ggf_16_dEta_3_Xhh_1_bin_3
 gamma_bkg_stat_ggf_16_dEta_3_Xhh_1_bin_4



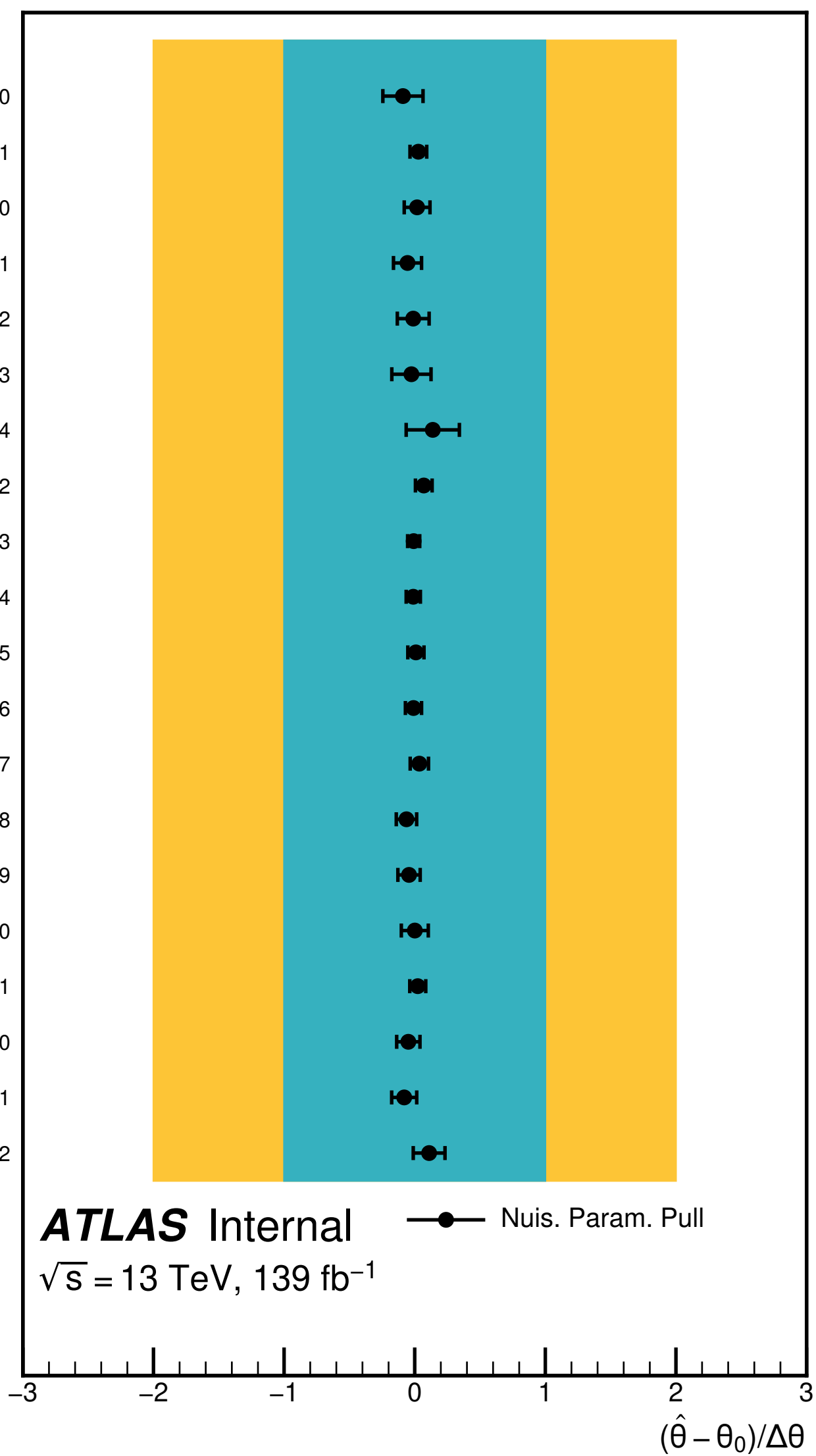
gamma_bkg_stat_ggf_16_dEta_3_Xhh_1_bin_5
gamma_bkg_stat_ggf_16_dEta_3_Xhh_1_bin_6
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gamma_bkg_stat_ggf_16_dEta_3_Xhh_1_bin_8
gamma_bkg_stat_ggf_16_dEta_3_Xhh_1_bin_9
gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_0
gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_1
gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_10
gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_11
gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_12
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gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_14
gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_2
gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_3
gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_4
gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_5
gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_6
gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_7
gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_8
gamma_bkg_stat_ggf_16_dEta_3_Xhh_2_bin_9



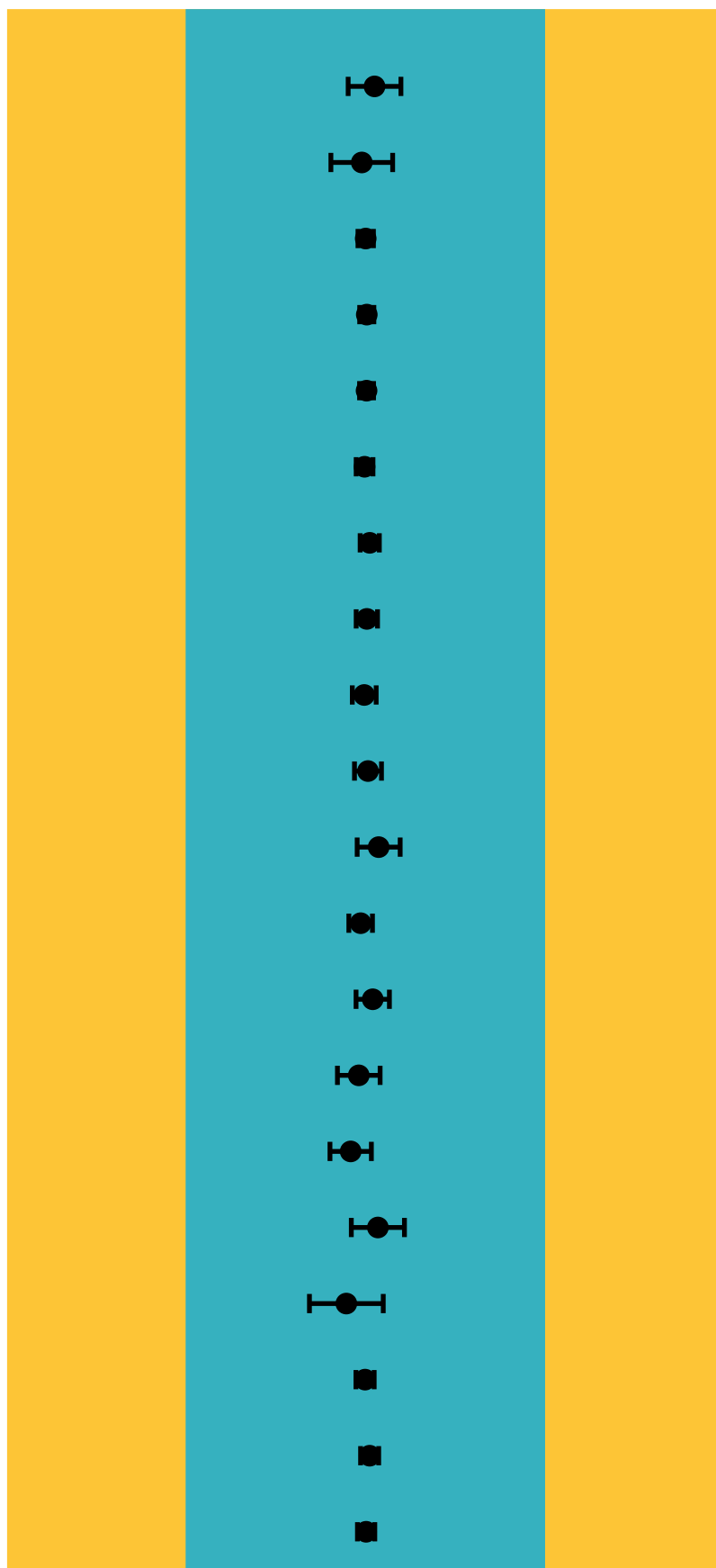
ATLAS Internal —●— Nuis. Param. Pull
 $\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$



gamma_bkg_stat_ggf_17_dEta_1_Xhh_1_bin_0
gamma_bkg_stat_ggf_17_dEta_1_Xhh_1_bin_1
gamma_bkg_stat_ggf_17_dEta_1_Xhh_1_bin_10
gamma_bkg_stat_ggf_17_dEta_1_Xhh_1_bin_11
gamma_bkg_stat_ggf_17_dEta_1_Xhh_1_bin_12
gamma_bkg_stat_ggf_17_dEta_1_Xhh_1_bin_13
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gamma_bkg_stat_ggf_17_dEta_1_Xhh_2_bin_11
gamma_bkg_stat_ggf_17_dEta_1_Xhh_2_bin_12



gamma_bkg_stat_ggf_17_dEta_1_Xhh_2_bin_13
gamma_bkg_stat_ggf_17_dEta_1_Xhh_2_bin_14
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gamma_bkg_stat_ggf_17_dEta_1_Xhh_2_bin_3
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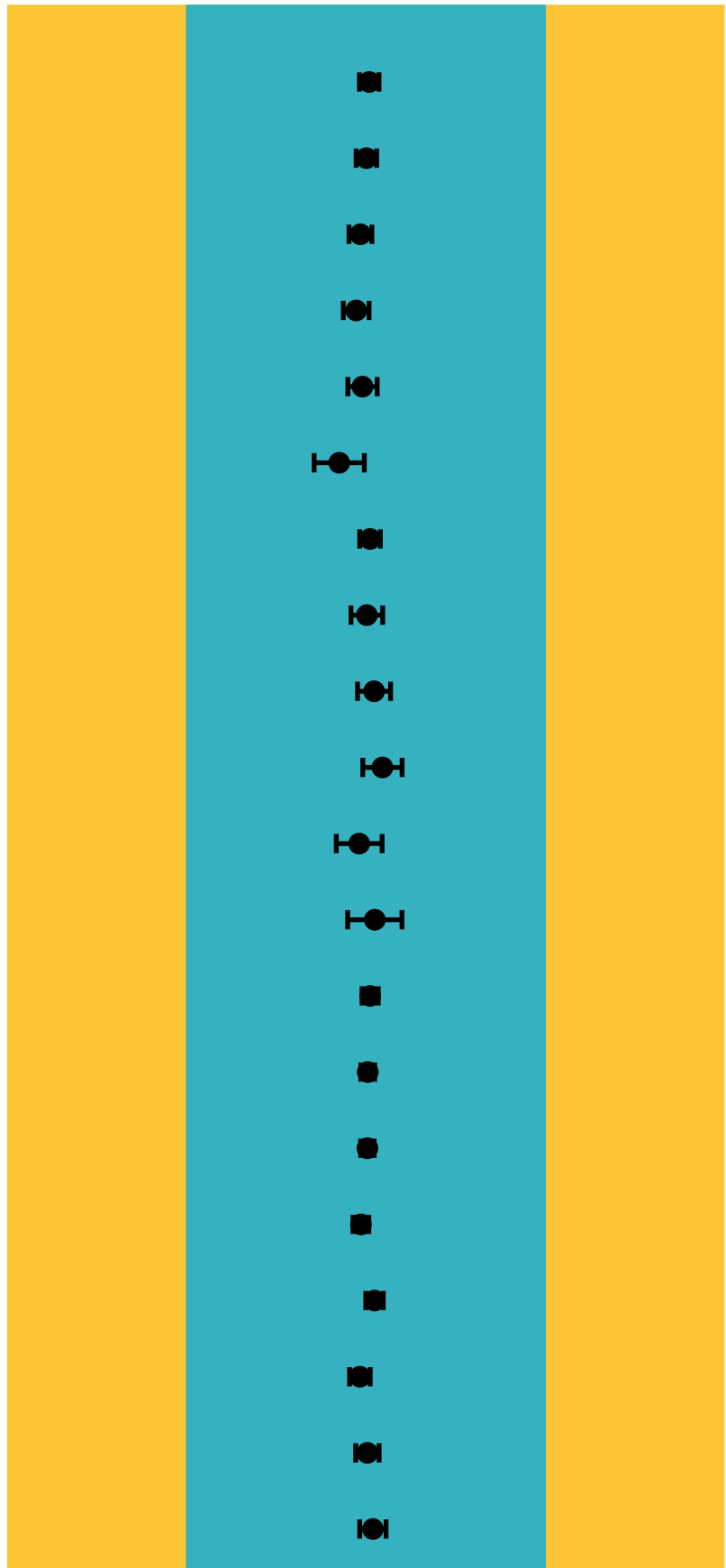
ATLAS Internal

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

—●— Nuis. Param. Pull

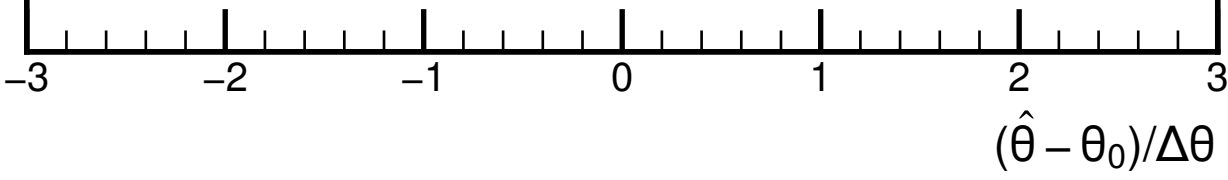
—3 —2 —1 0 1 2 3
 $(\hat{\theta} - \theta_0)/\Delta\theta$

gamma_bkg_stat_ggf_17_dEta_2_Xhh_1_bin_5
gamma_bkg_stat_ggf_17_dEta_2_Xhh_1_bin_6
gamma_bkg_stat_ggf_17_dEta_2_Xhh_1_bin_7
gamma_bkg_stat_ggf_17_dEta_2_Xhh_1_bin_8
gamma_bkg_stat_ggf_17_dEta_2_Xhh_1_bin_9
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gamma_bkg_stat_ggf_17_dEta_2_Xhh_2_bin_1
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gamma_bkg_stat_ggf_17_dEta_2_Xhh_2_bin_7
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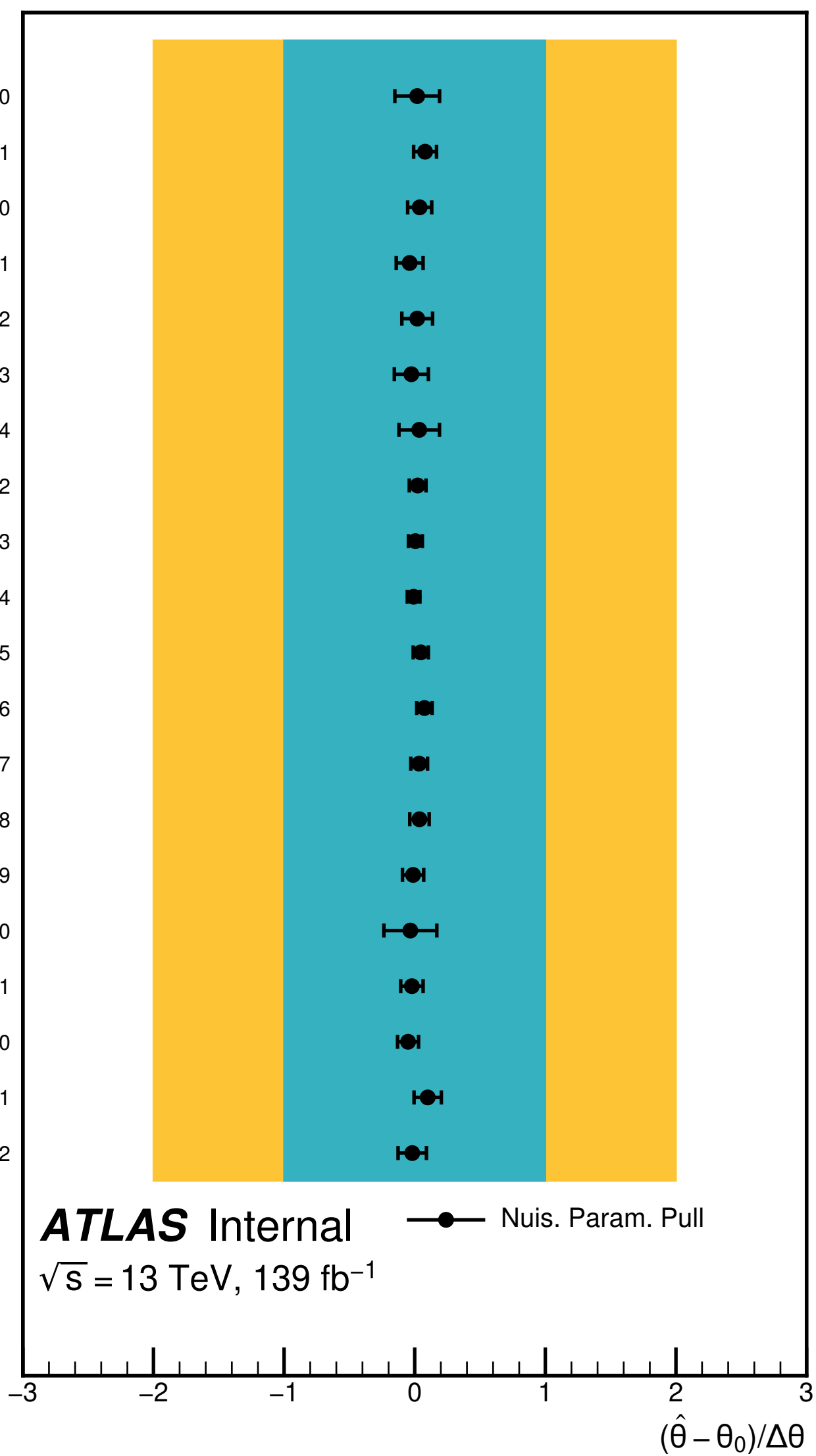


ATLAS Internal —●— Nuis. Param. Pull

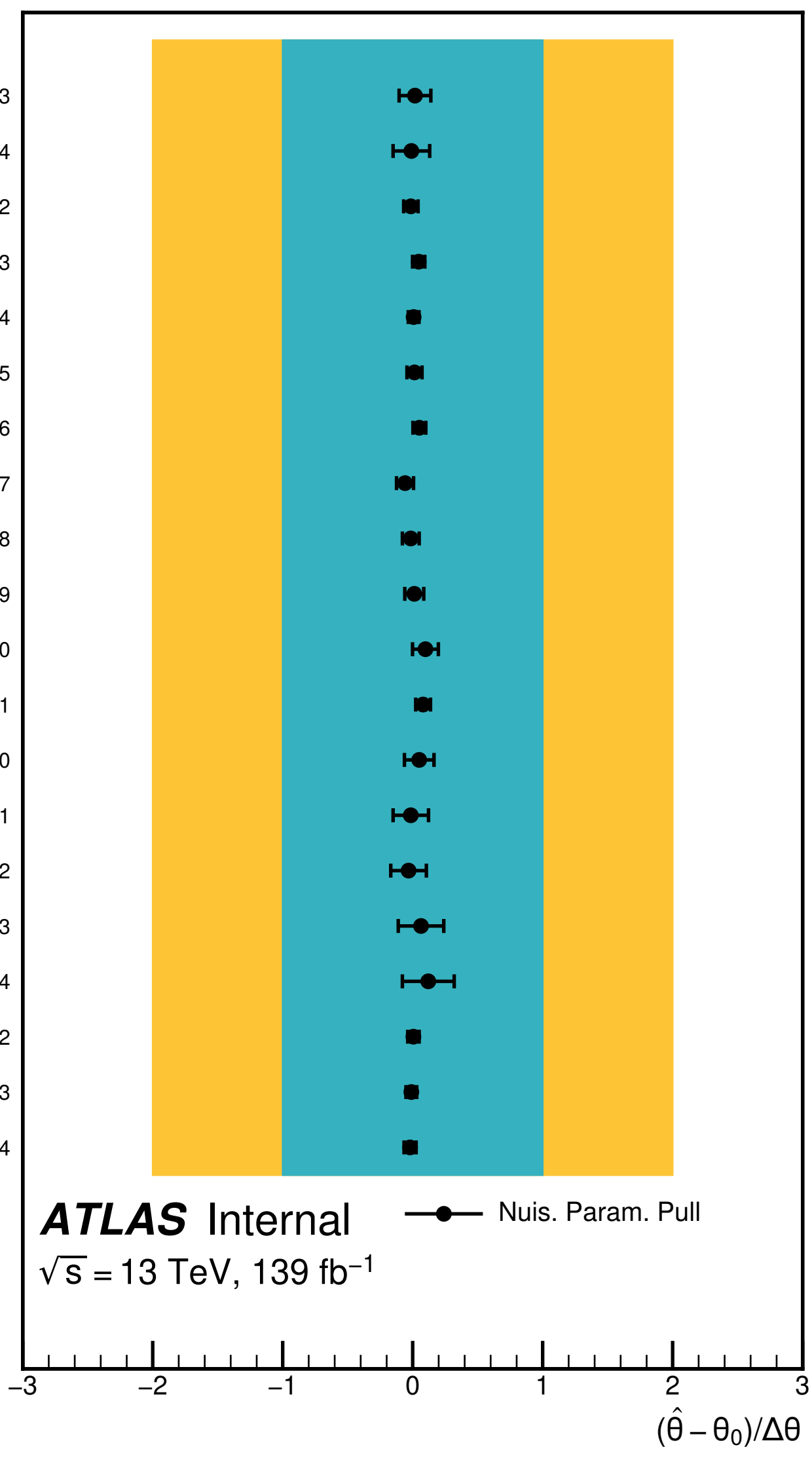
$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$



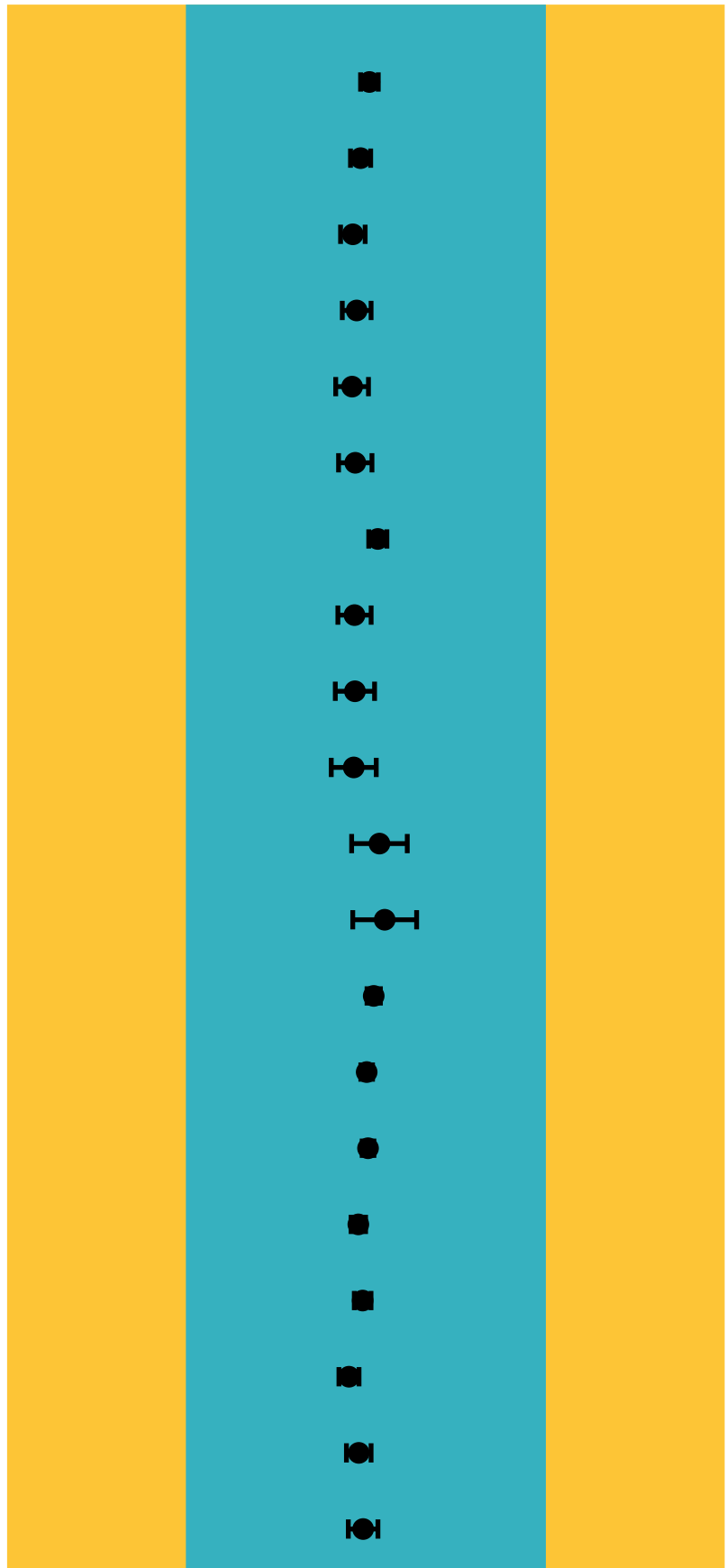
gamma_bkg_stat_ggf_17_dEta_3_Xhh_1_bin_0
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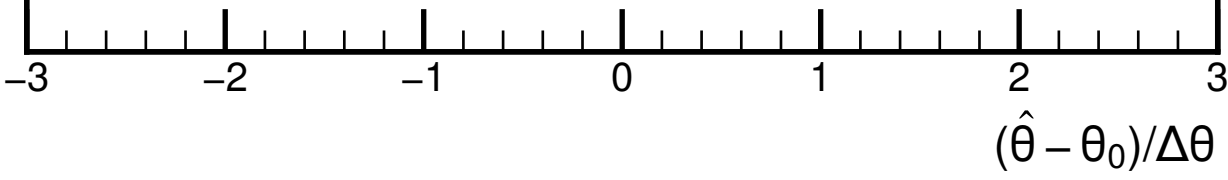


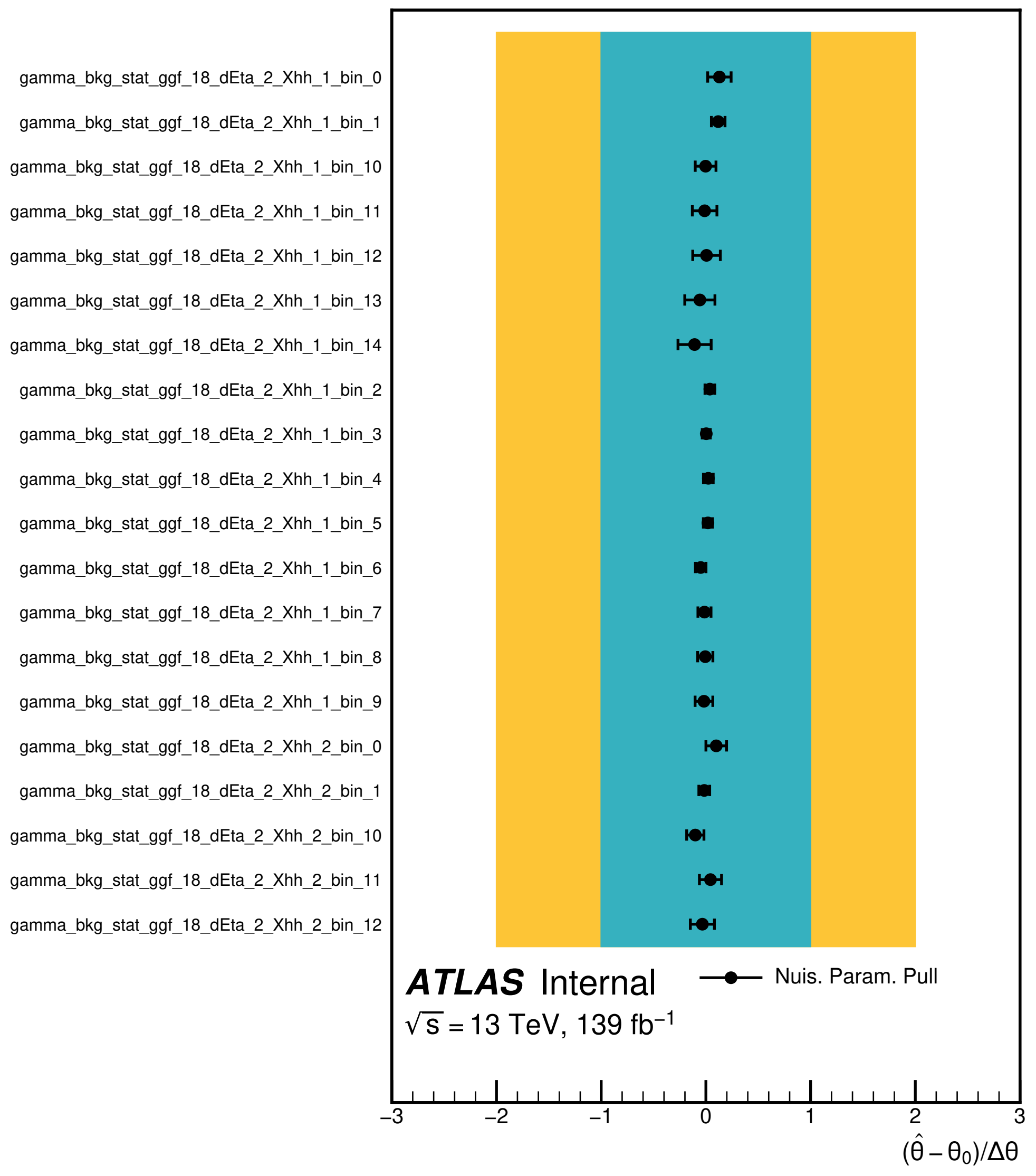
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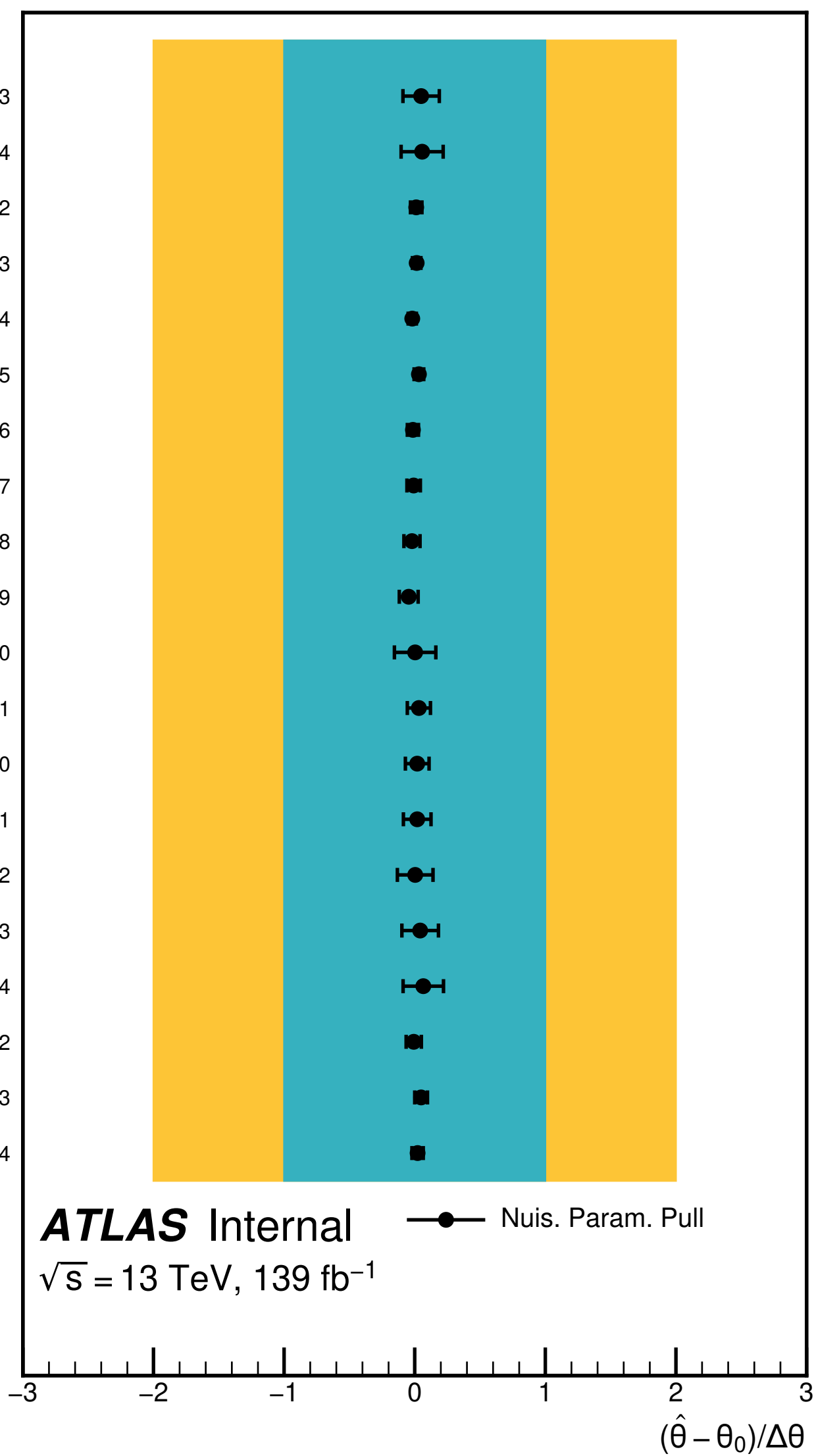
ATLAS Internal —●— Nuis. Param. Pull

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

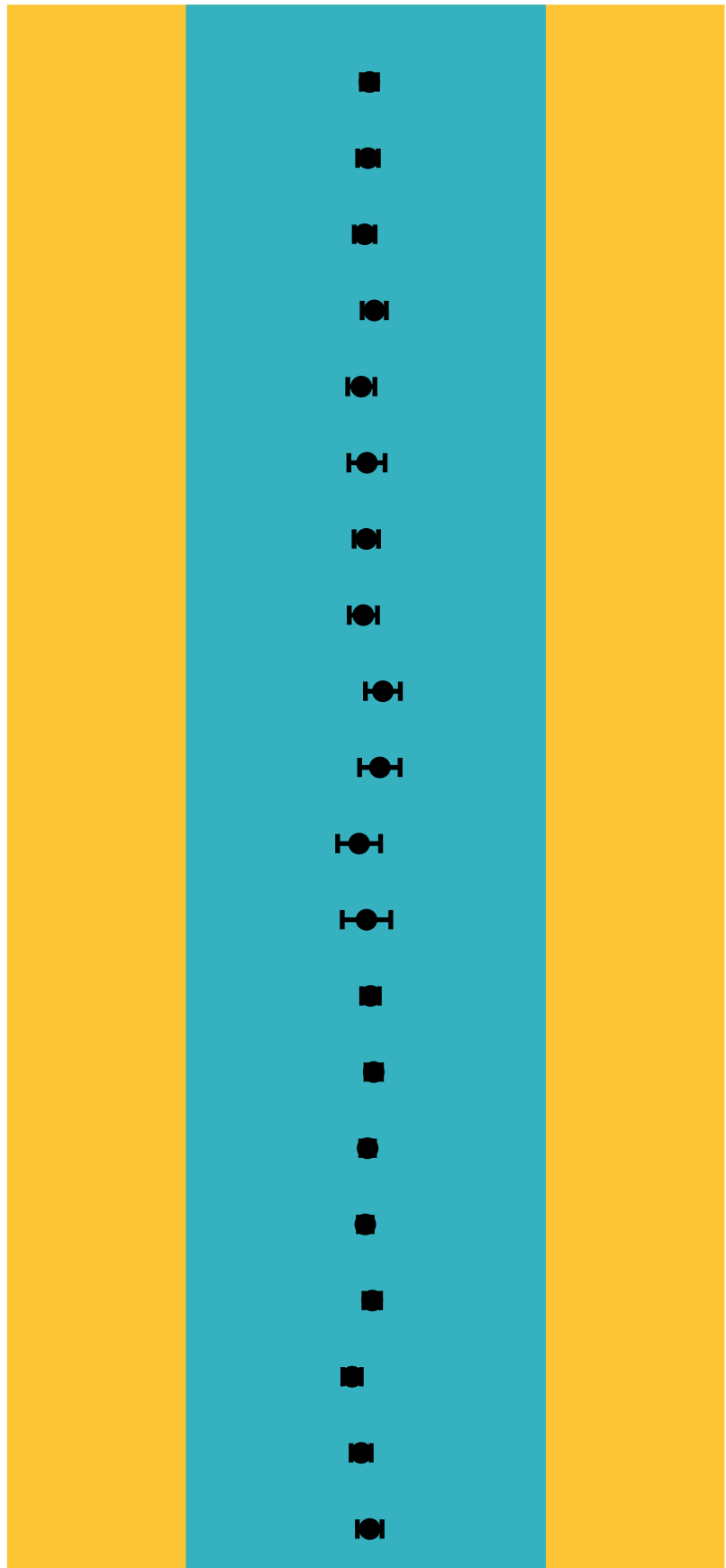




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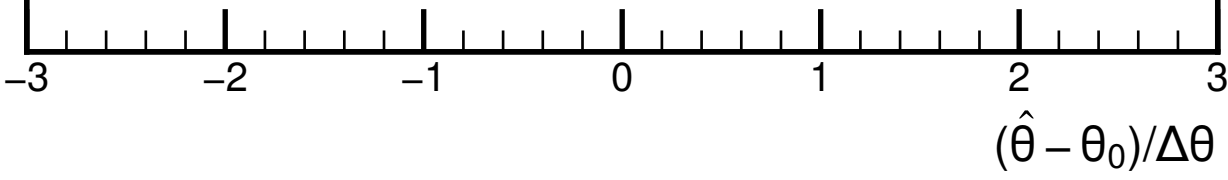


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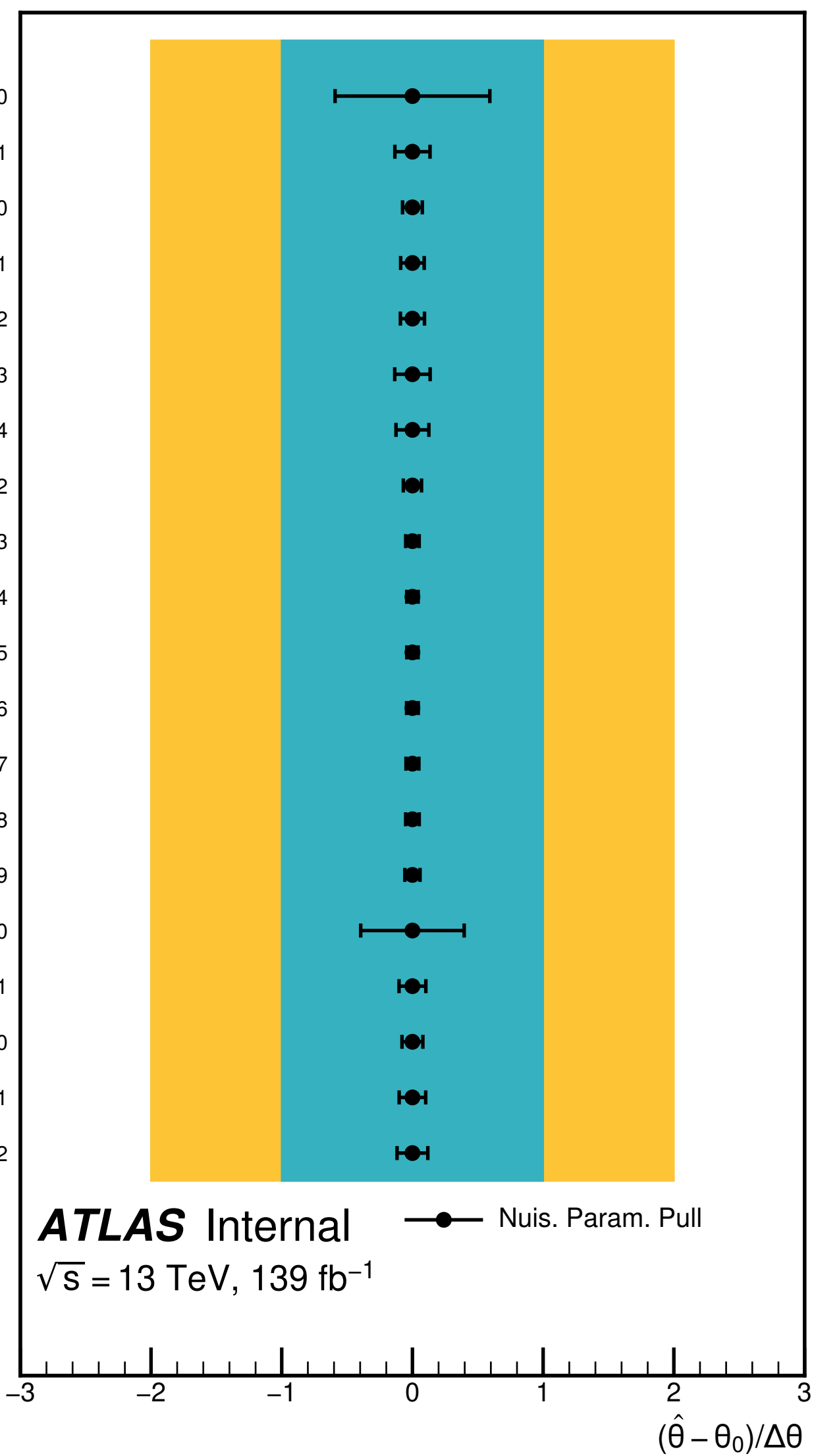


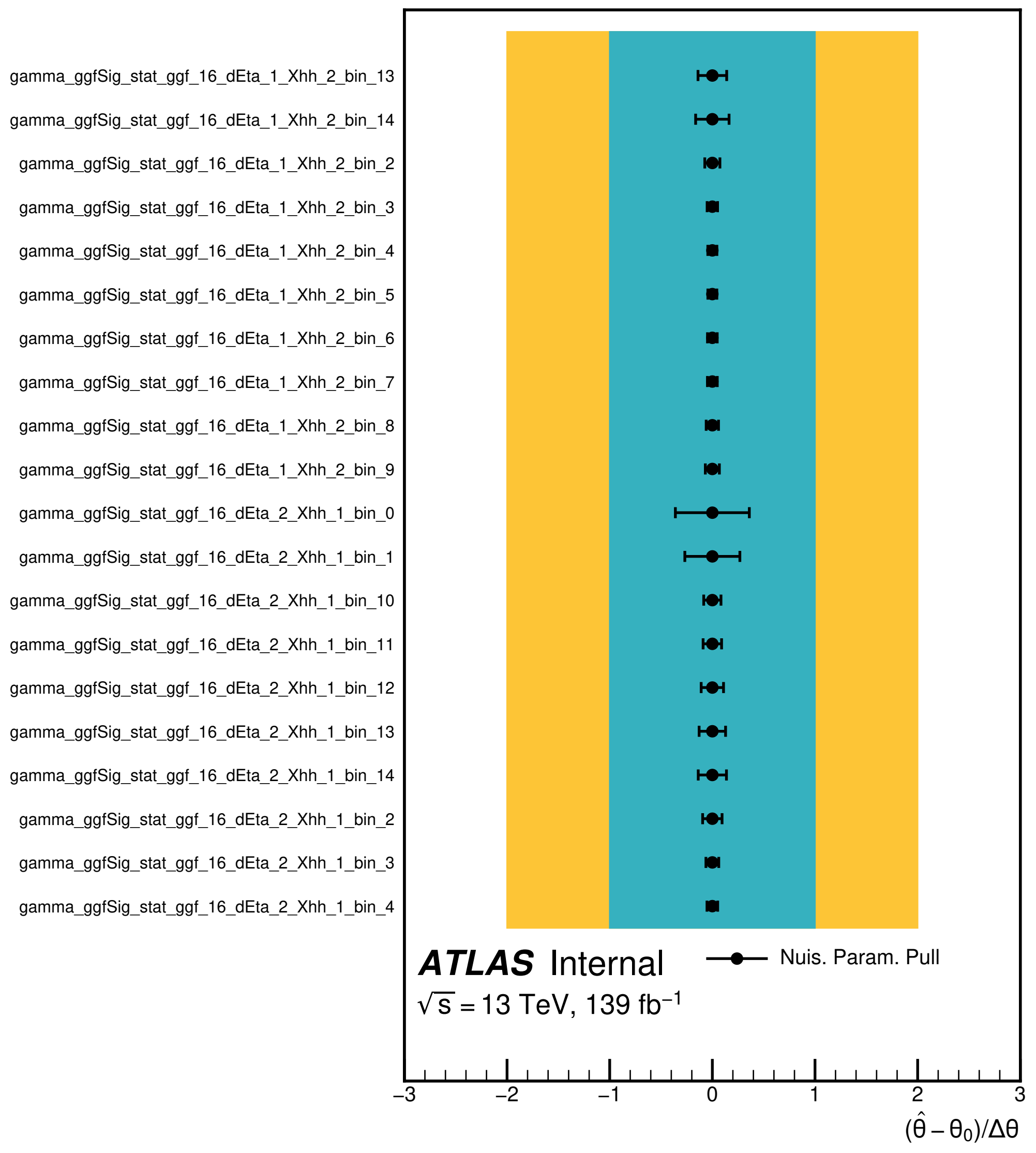
ATLAS Internal —●— Nuis. Param. Pull

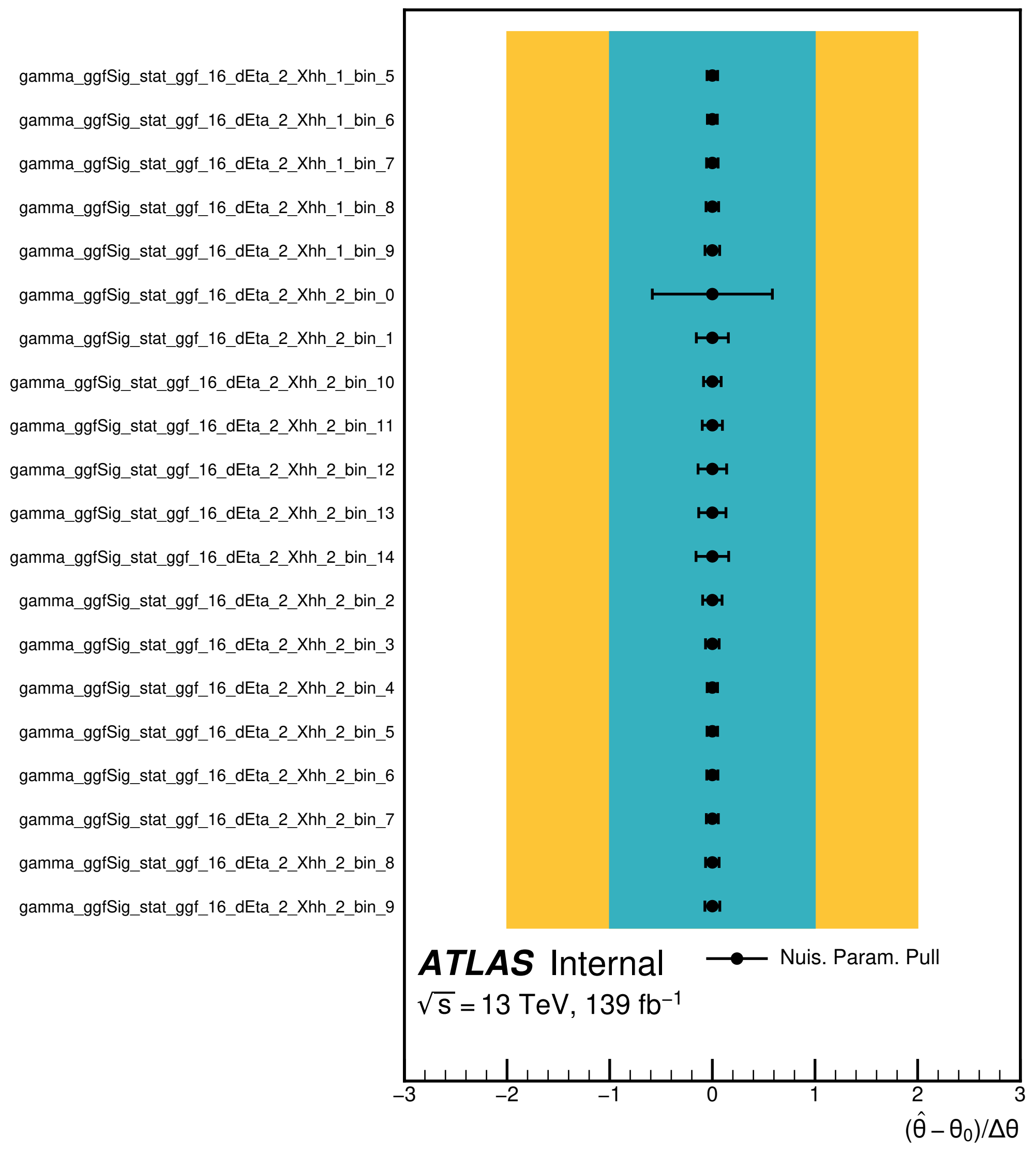
$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$



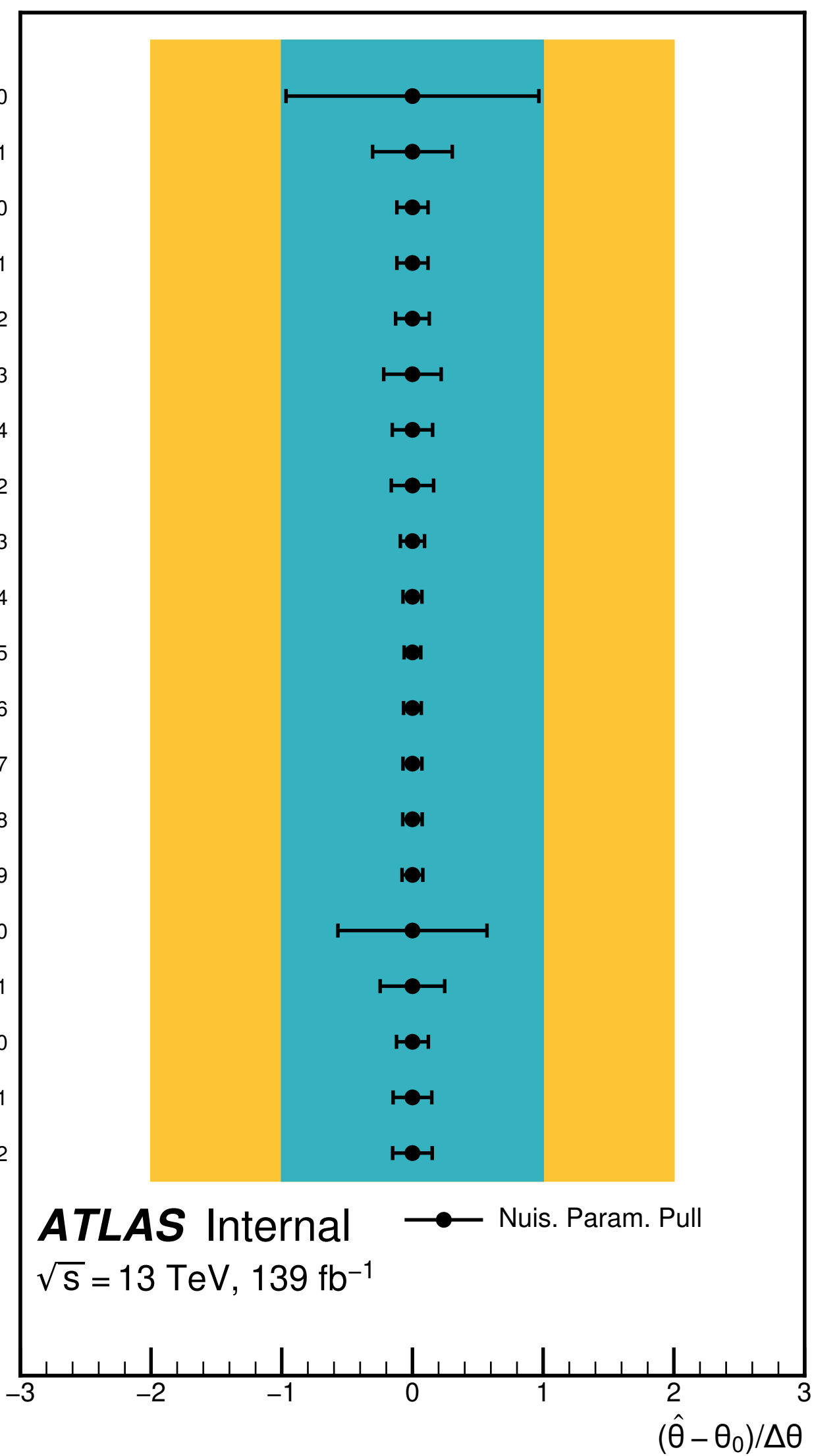
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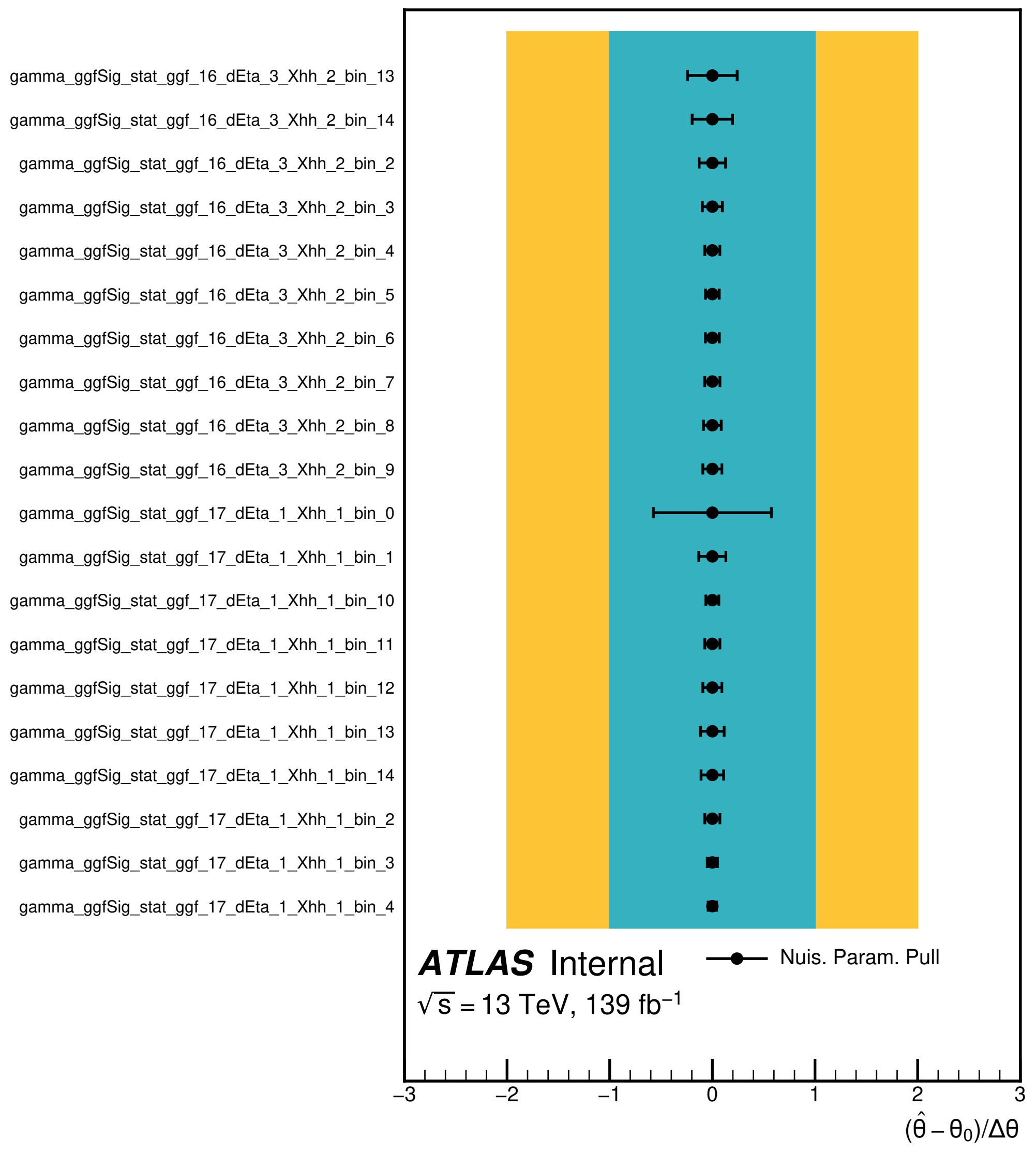


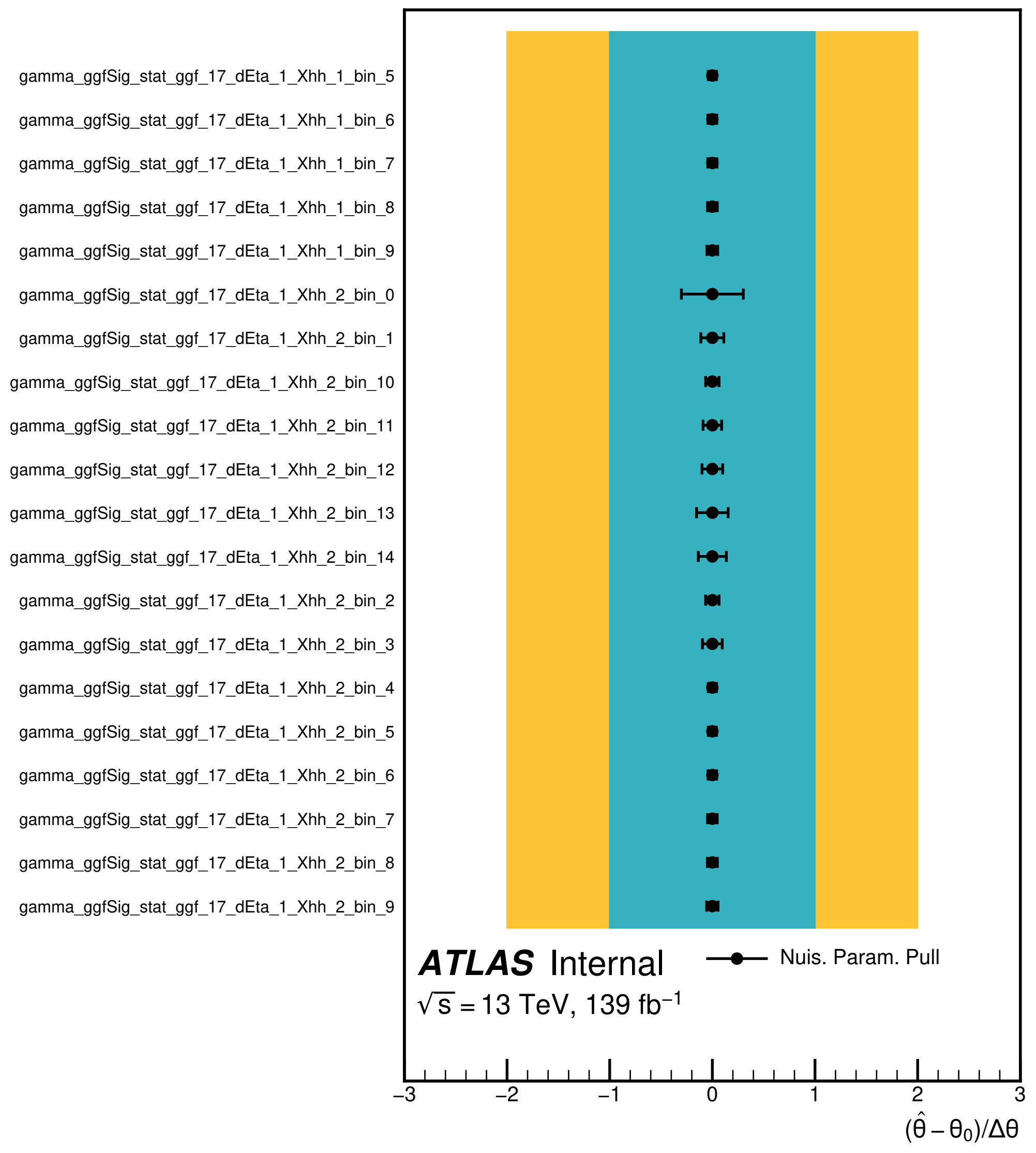




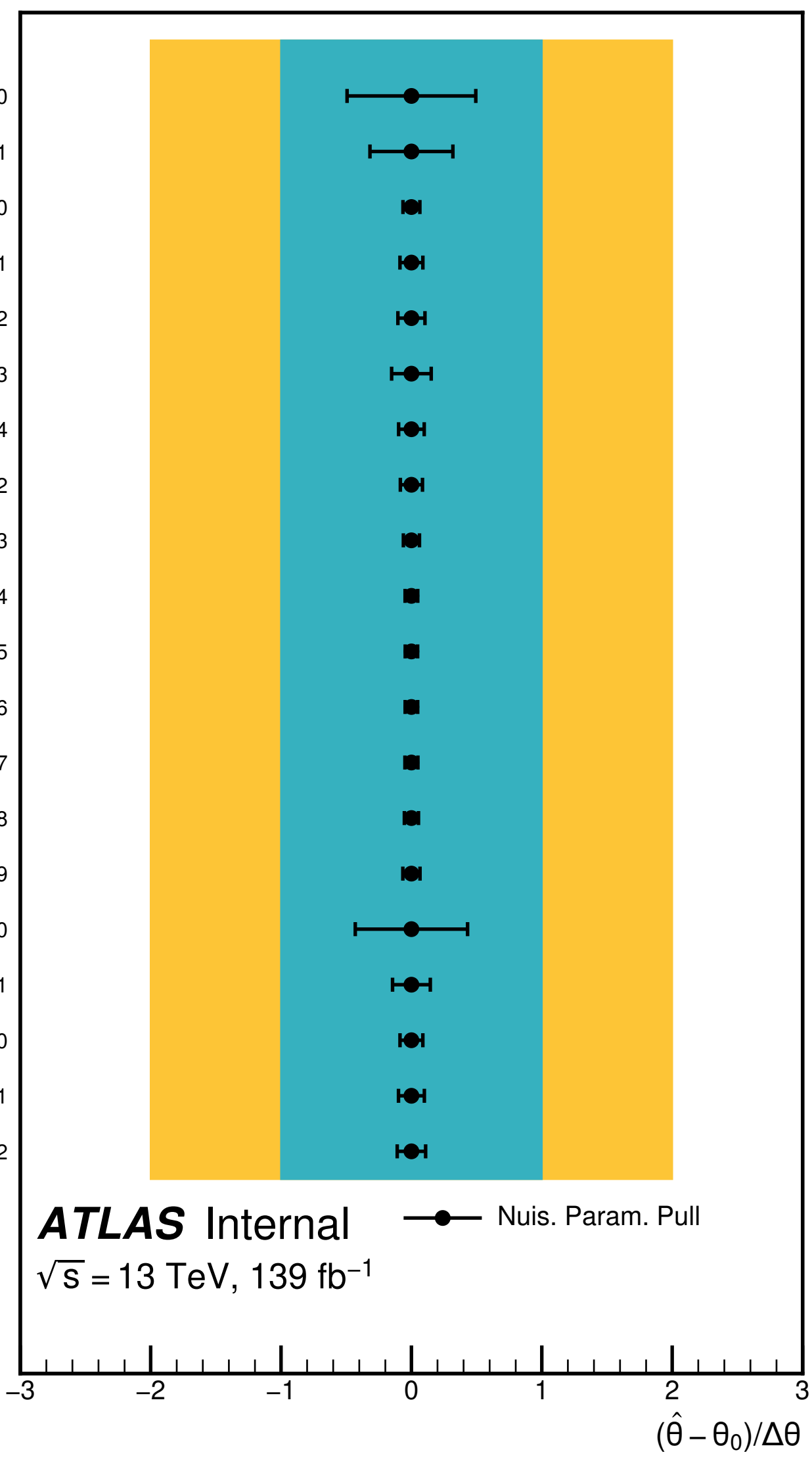
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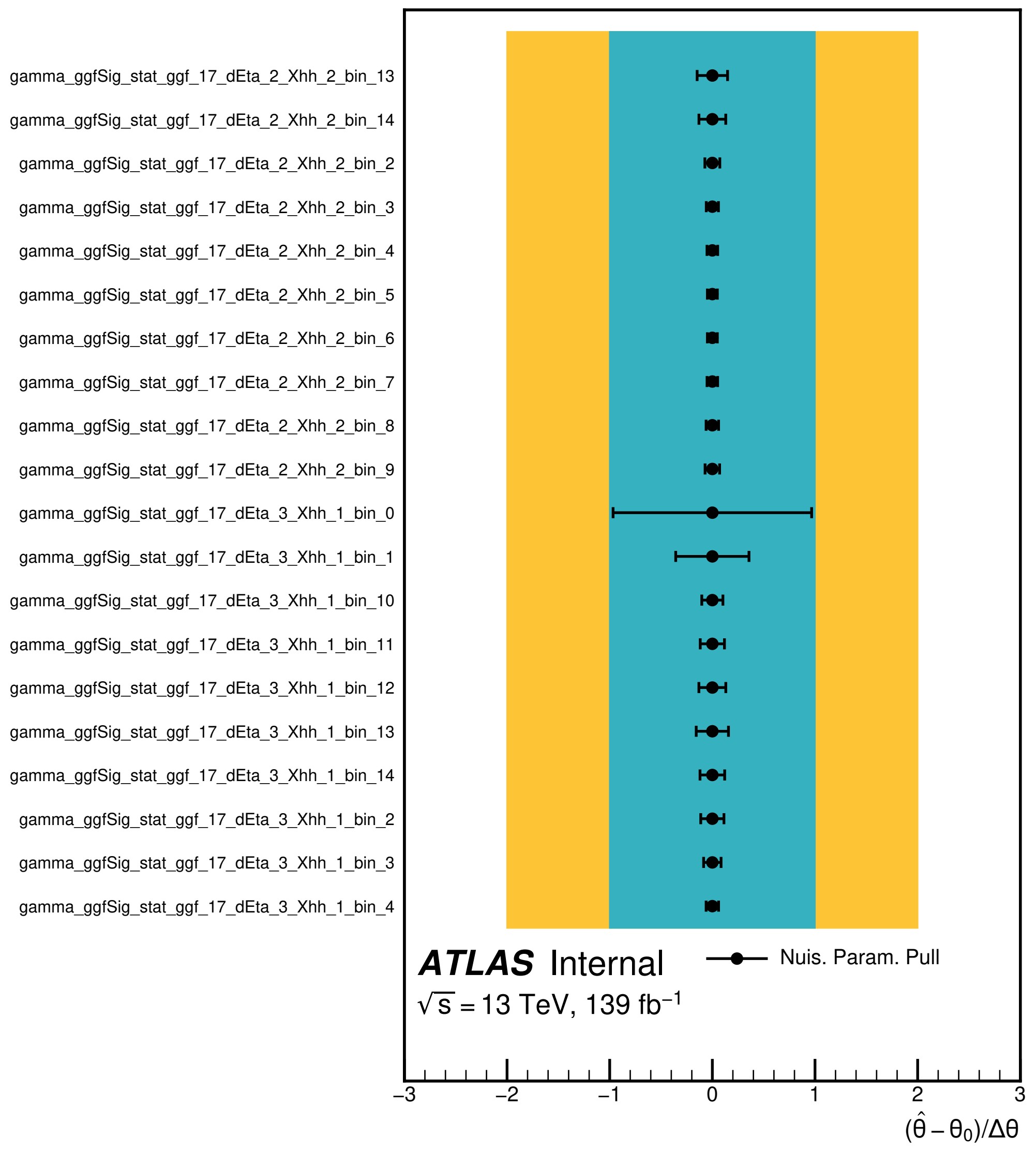




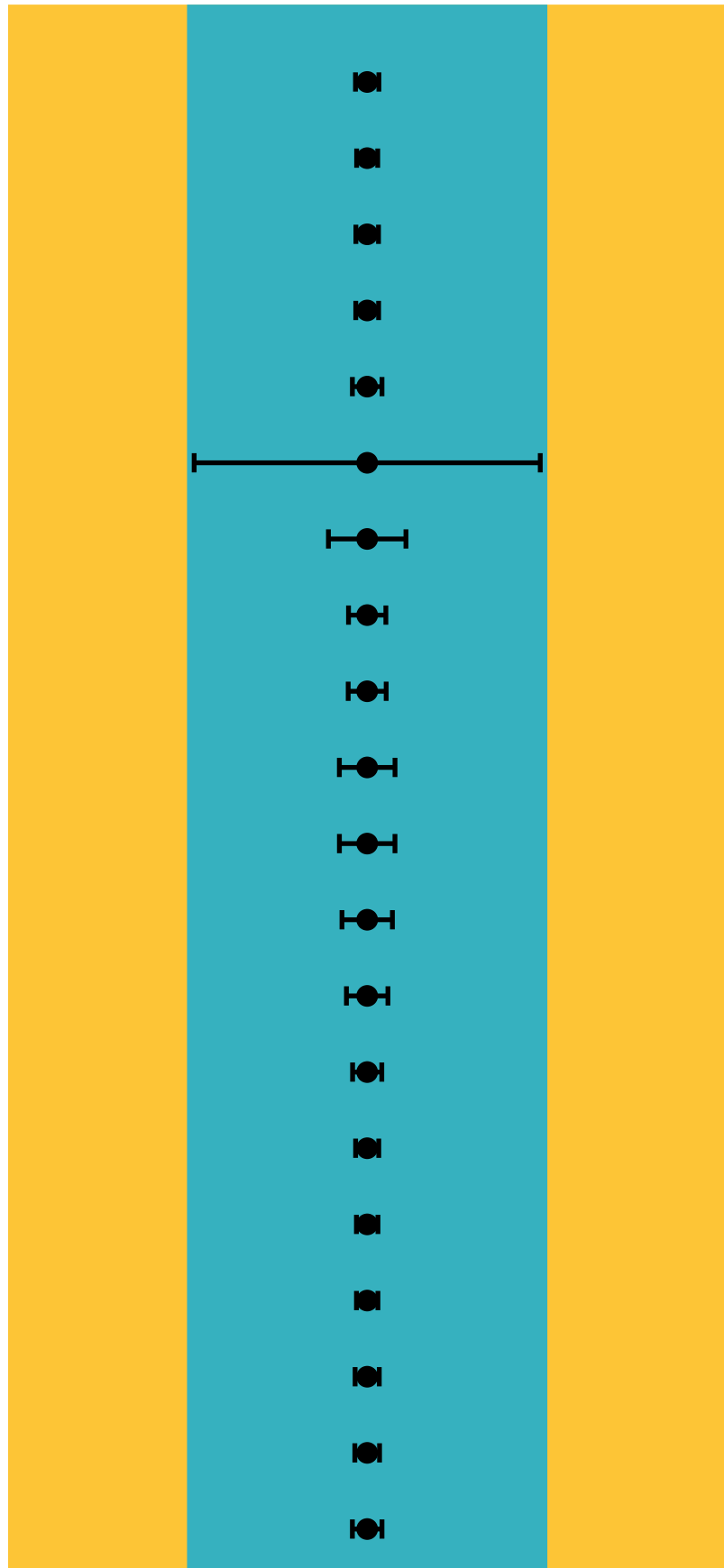


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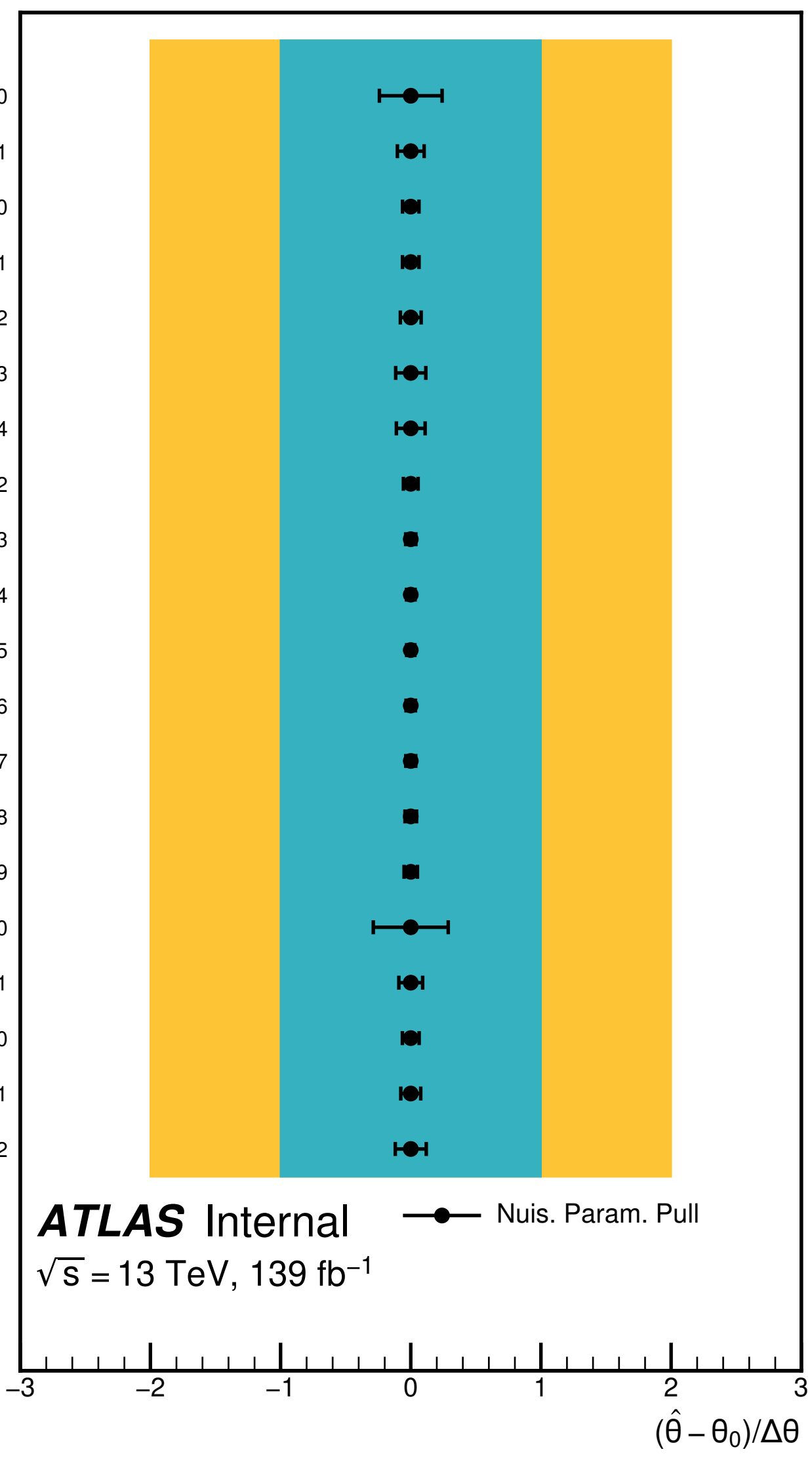


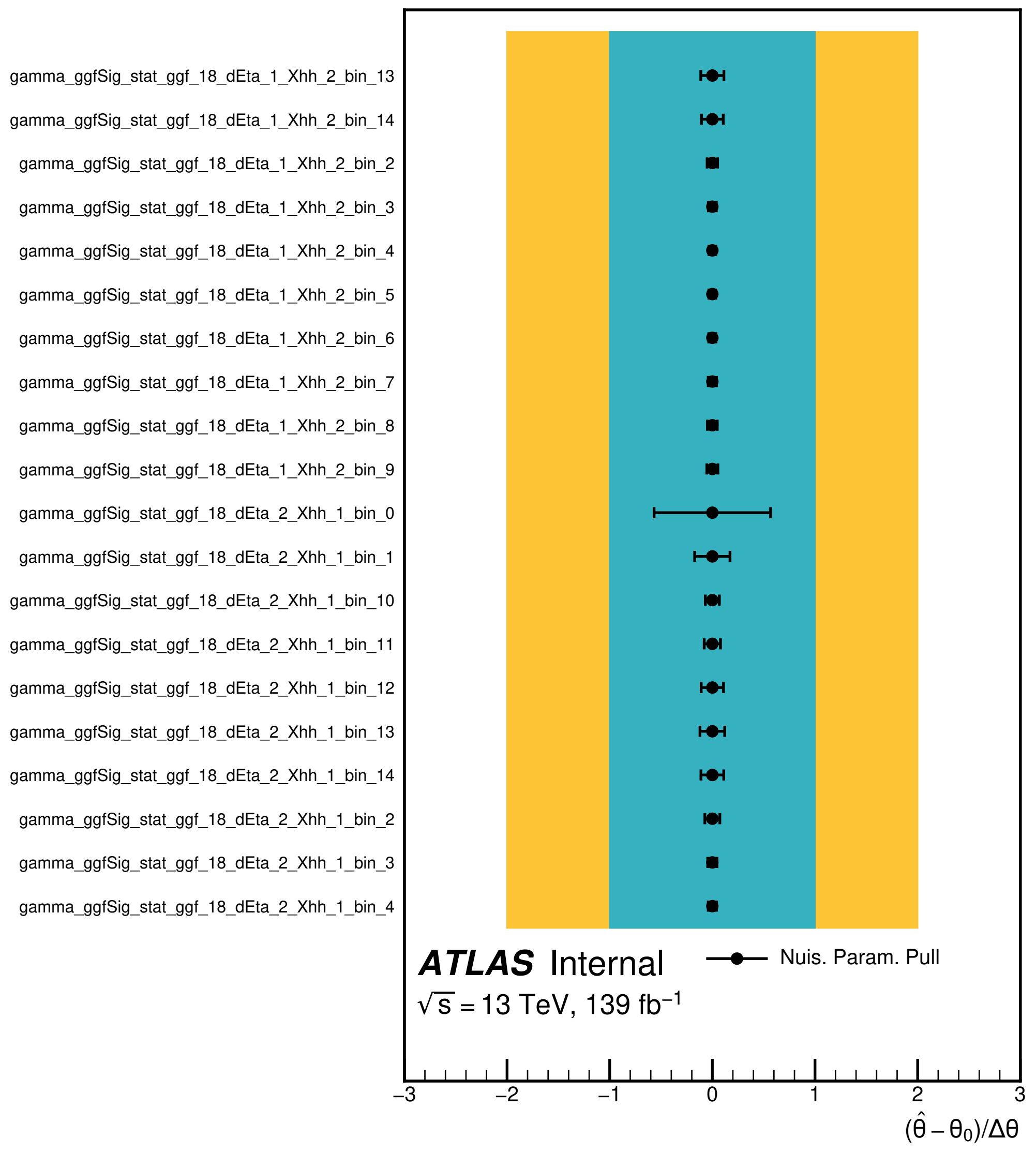
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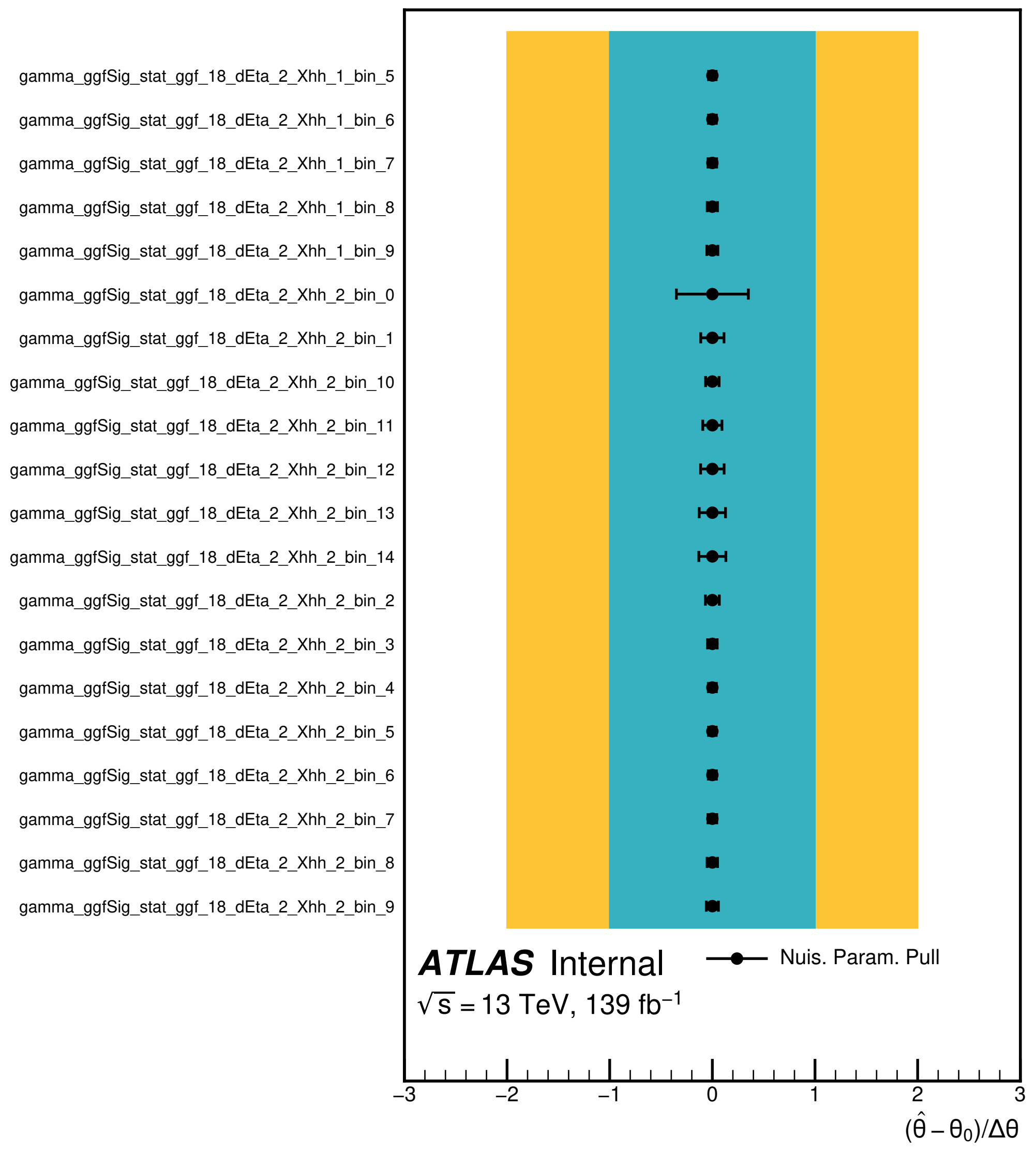


ATLAS Internal —●— Nuis. Param. Pull
 $\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$
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 $(\hat{\theta} - \theta_0)/\Delta\theta$

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