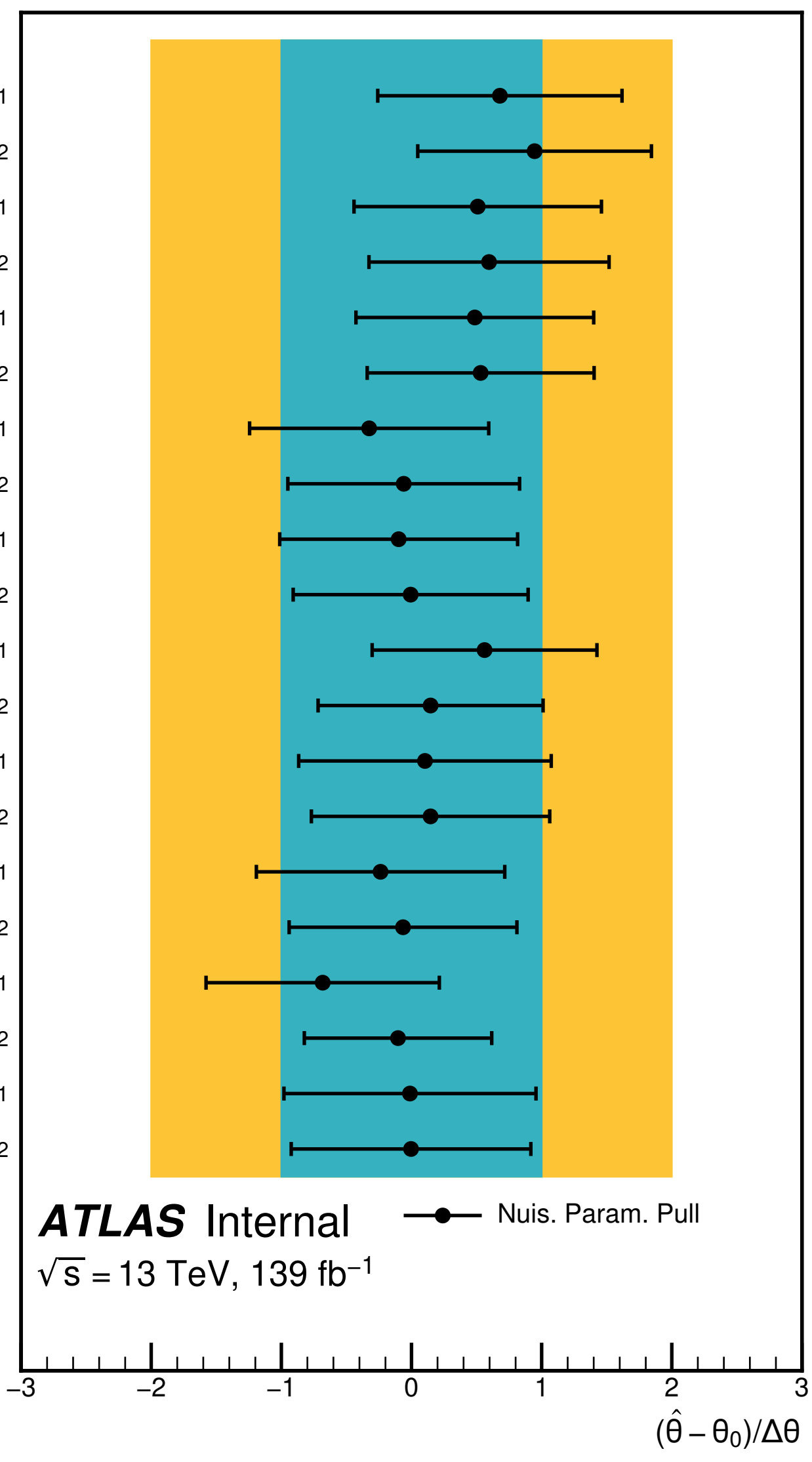
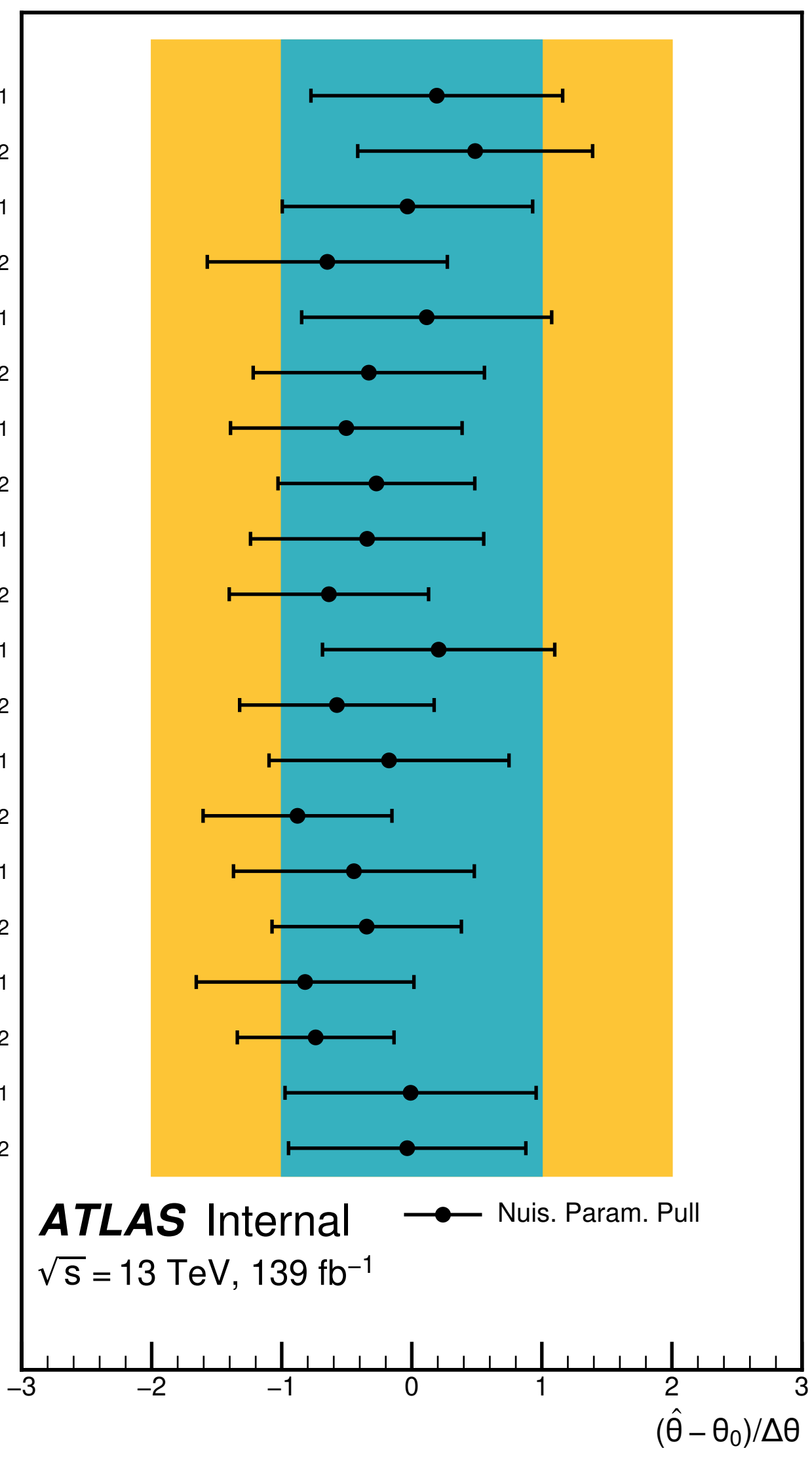


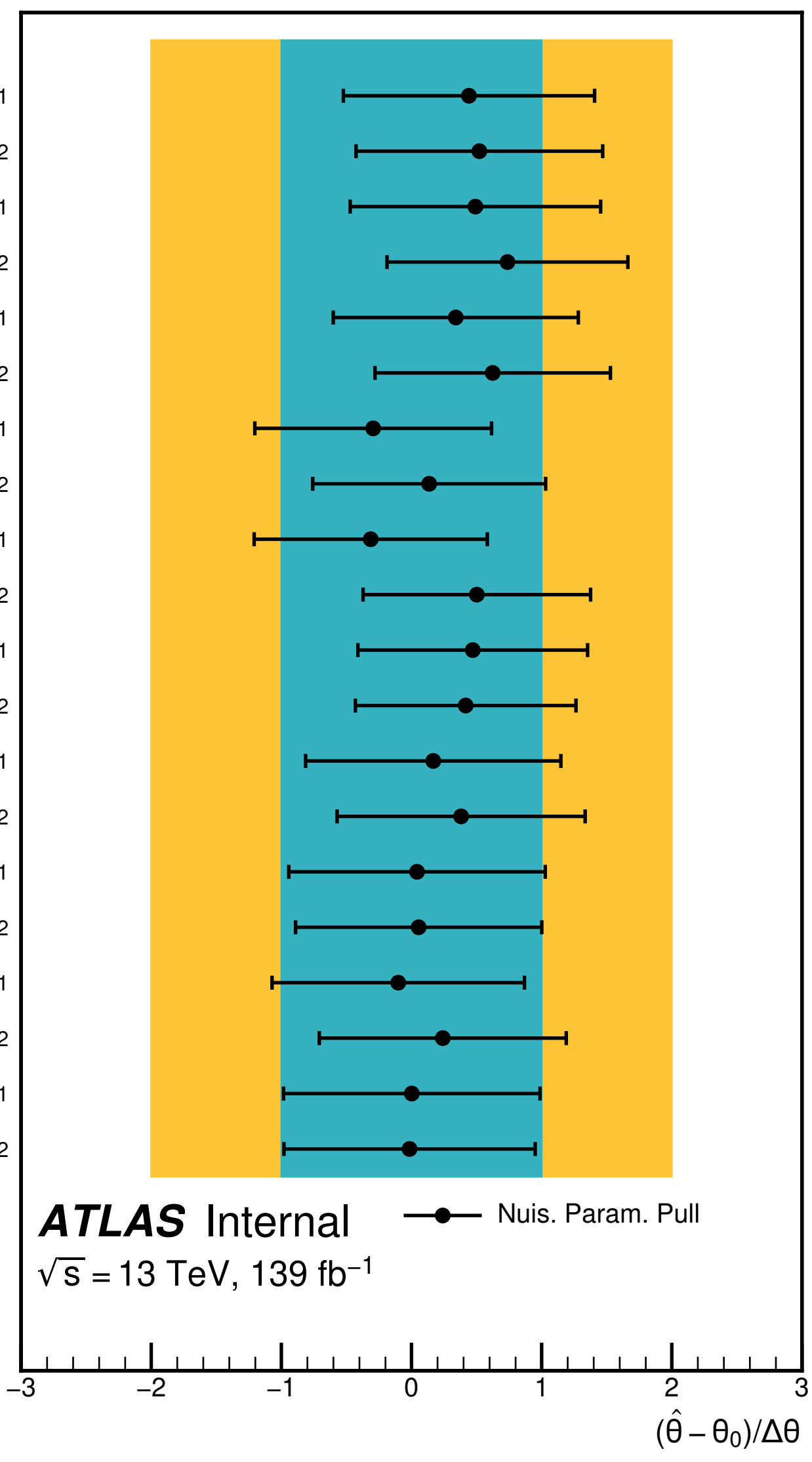
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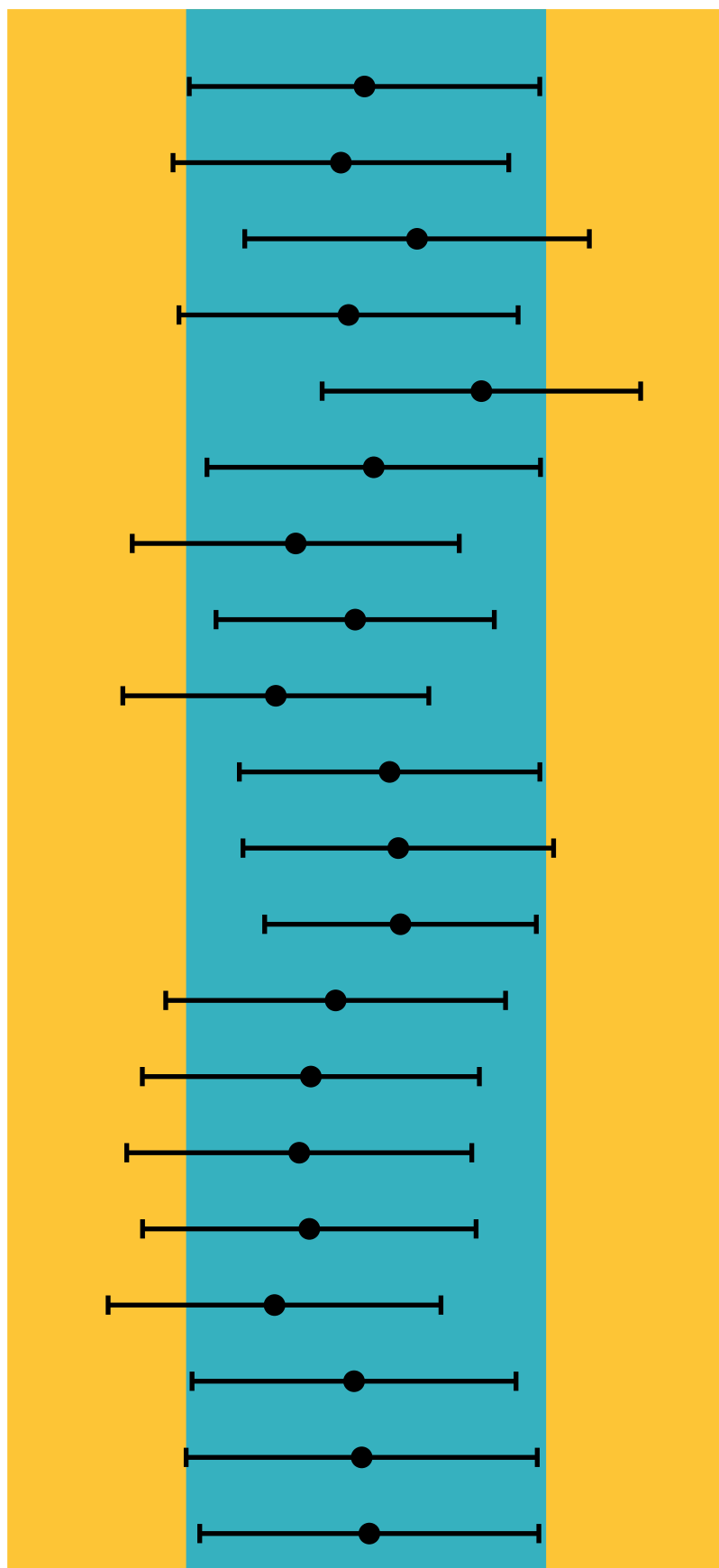
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 alpha\_CR12\_shape\_N\_vbf\_-1\_dEta\_1  
 alpha\_CR12\_shape\_N\_vbf\_-1\_dEta\_2



alpha\_CR12\_shape\_S\_ggf\_16\_dEta\_1\_Xhh\_1  
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alpha\_CR12\_shape\_S\_ggf\_18\_dEta\_3\_Xhh\_2  
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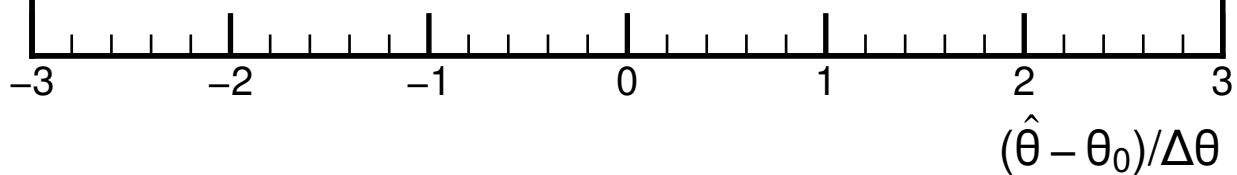
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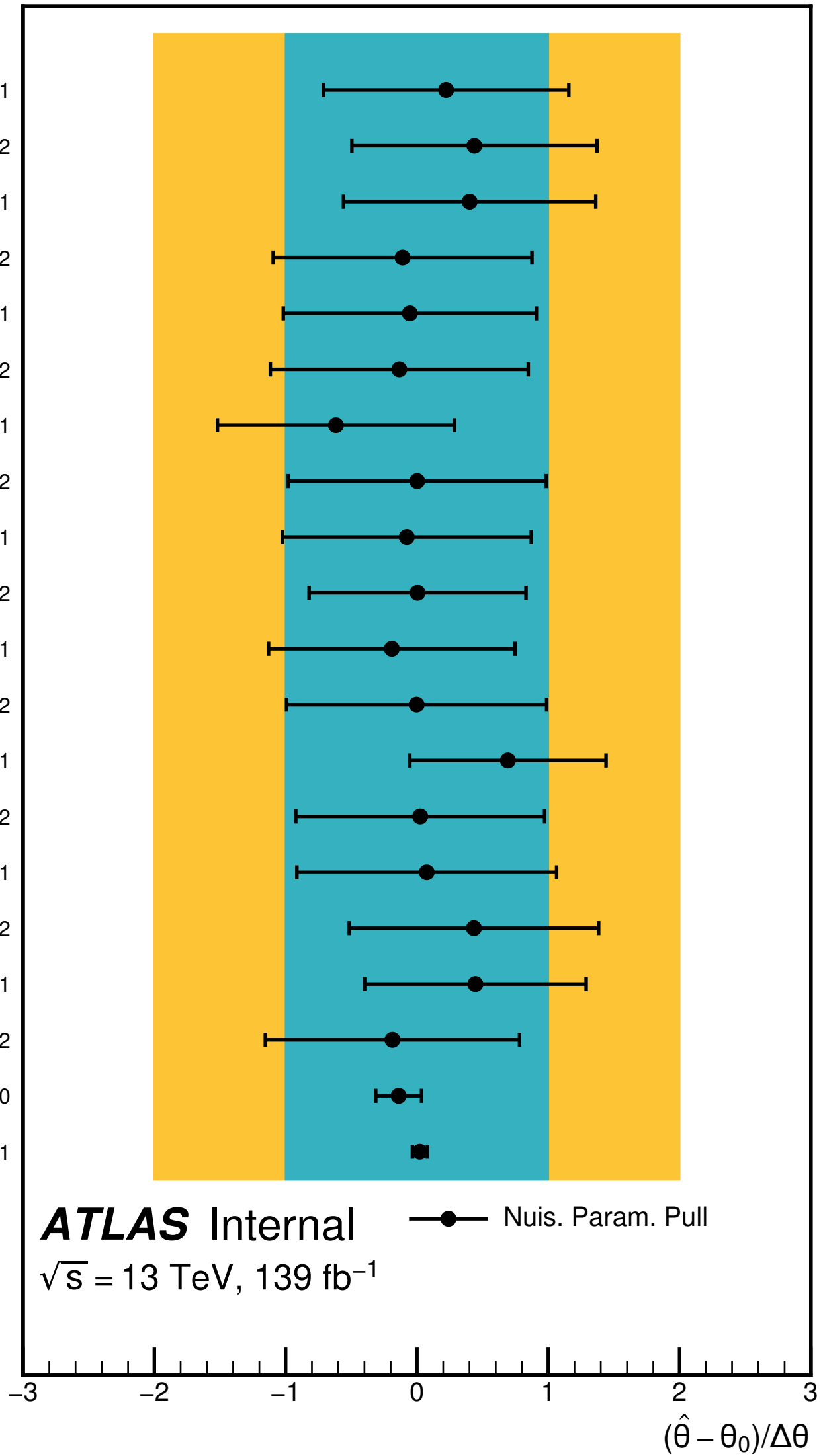
**ATLAS** Internal

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

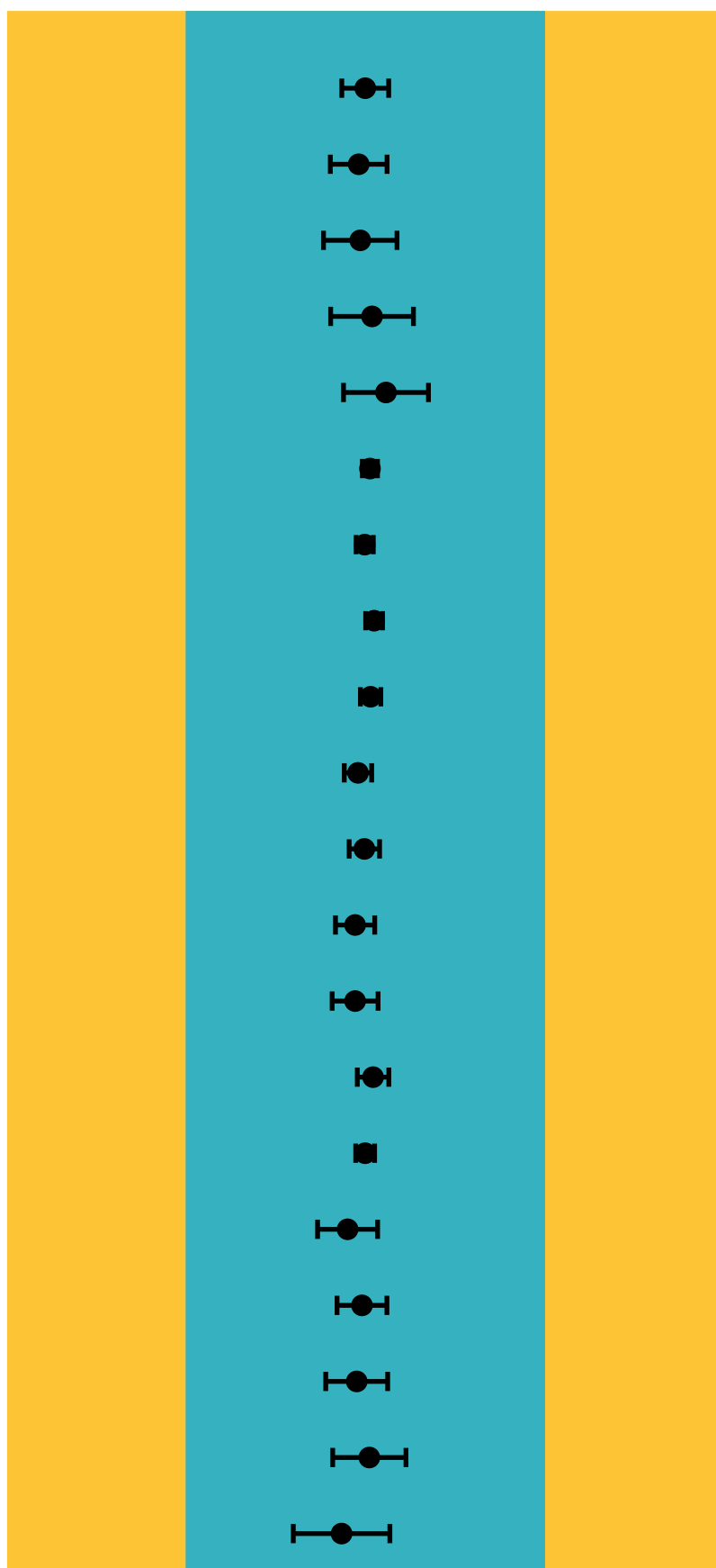
—●— Nuis. Param. Pull



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 alpha\_NC\_3b1f\_ggf\_17\_dEta\_1\_Xhh\_2  
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gamma\_bkg\_stat\_ggf\_16\_dEta\_1\_Xhh\_1\_bin\_10  
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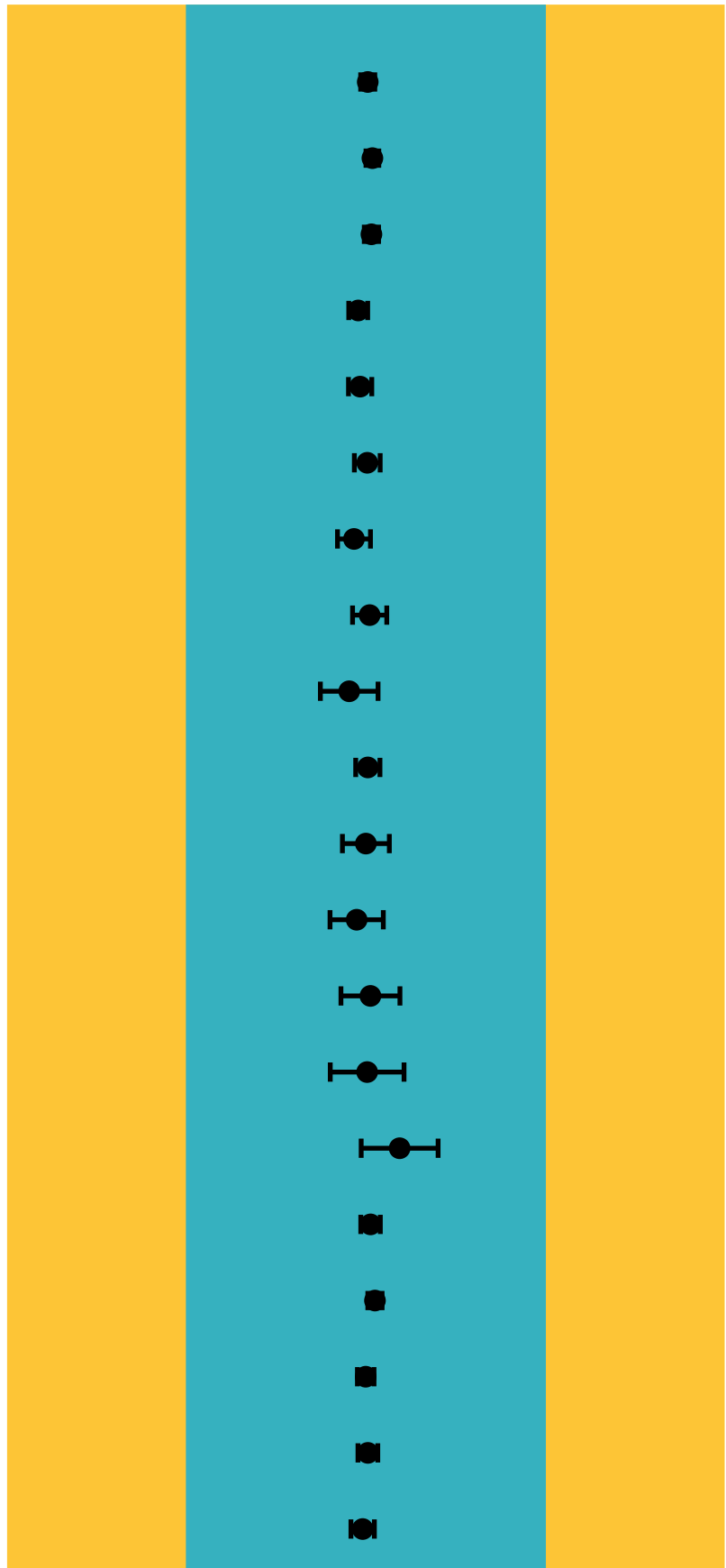
**ATLAS** Internal

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

—●— Nuis. Param. Pull

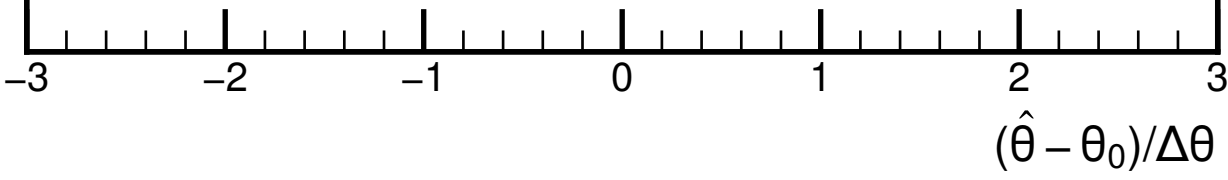
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 $(\hat{\theta} - \theta_0)/\Delta\theta$

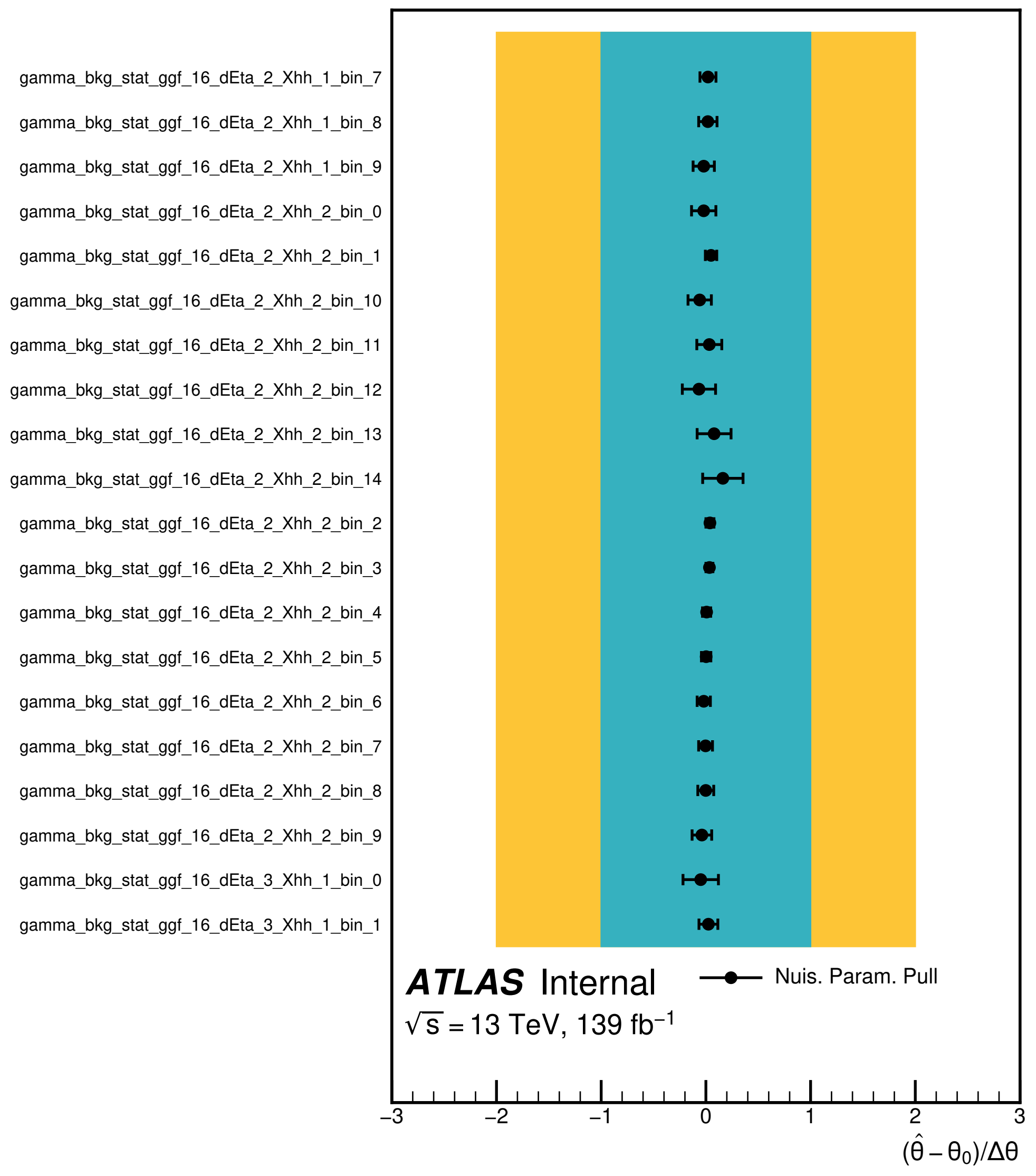
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**ATLAS** Internal      —●— Nuis. Param. Pull

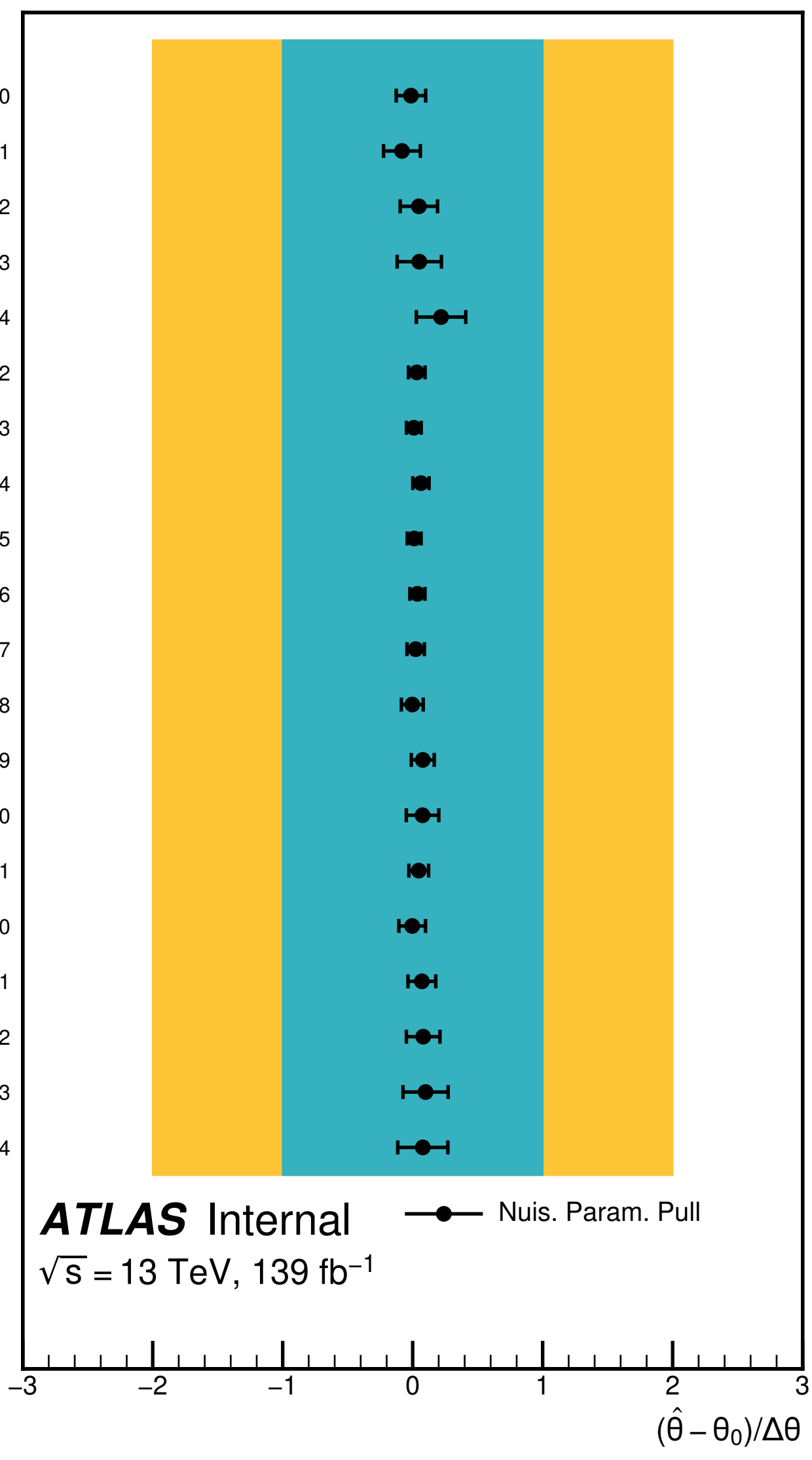
$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$



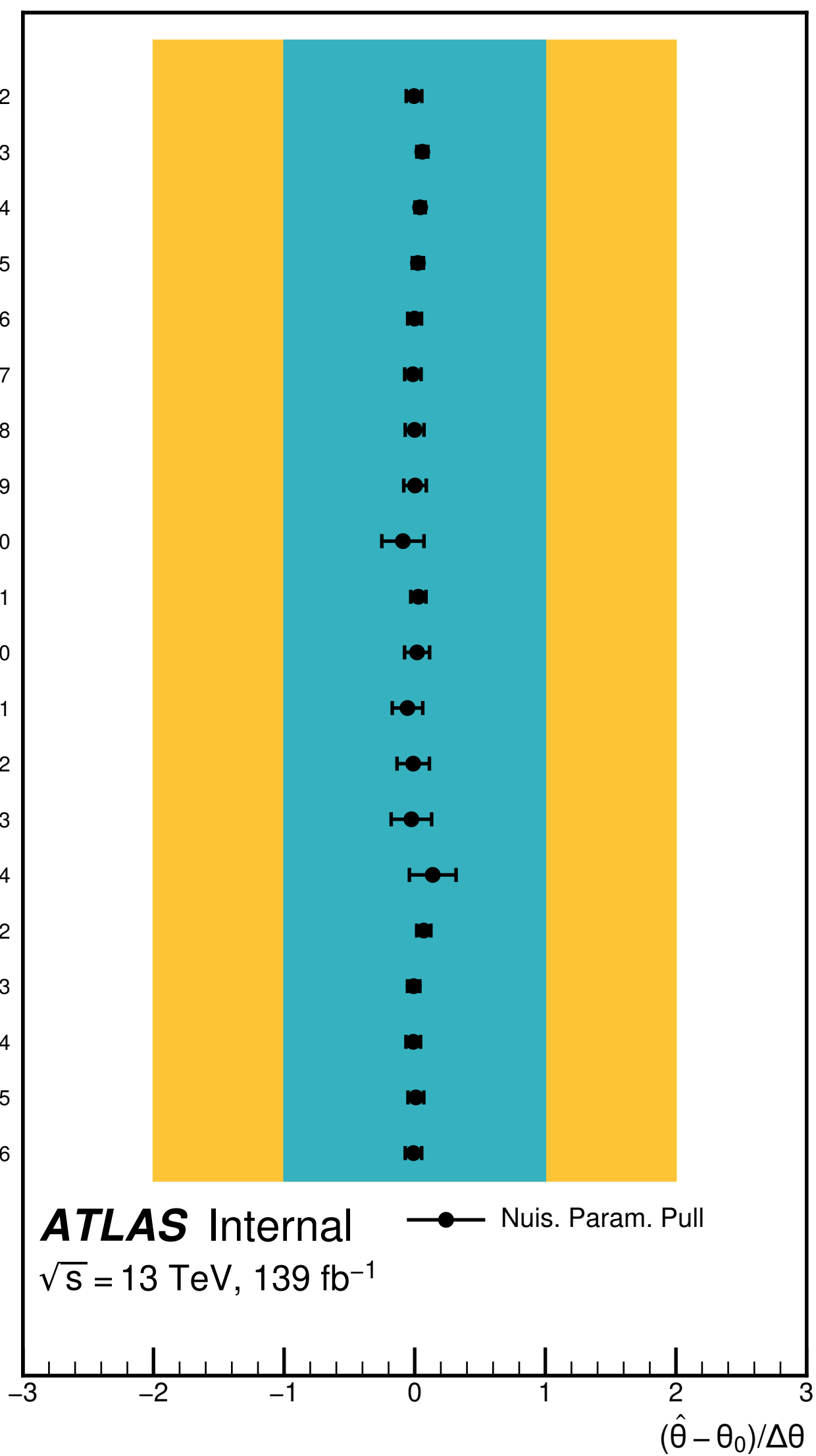




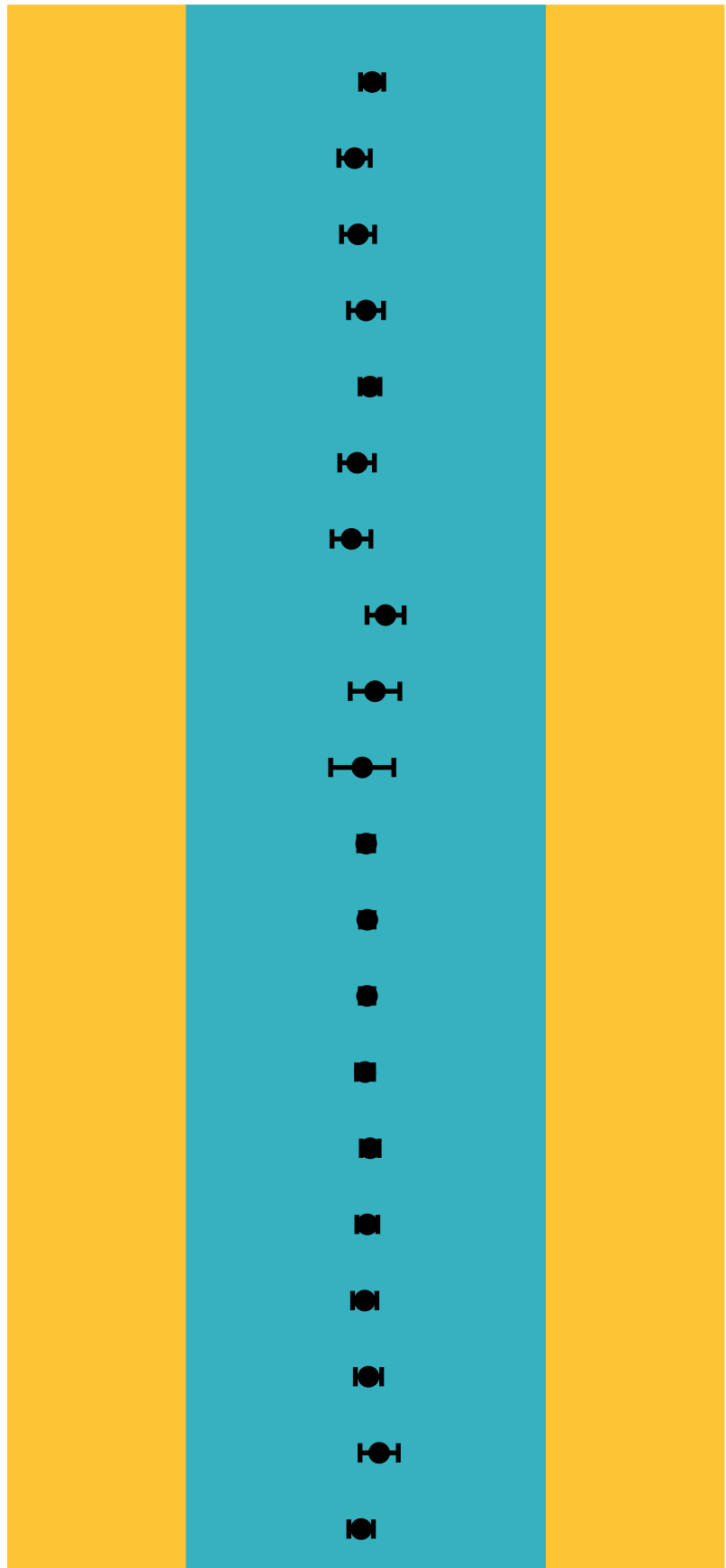
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gamma\_bkg\_stat\_ggf\_16\_dEta\_3\_Xhh\_2\_bin\_2  
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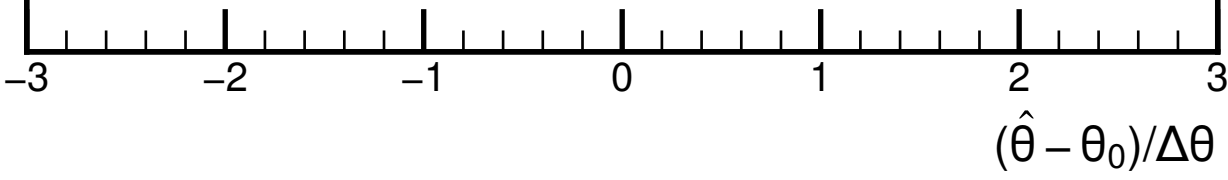


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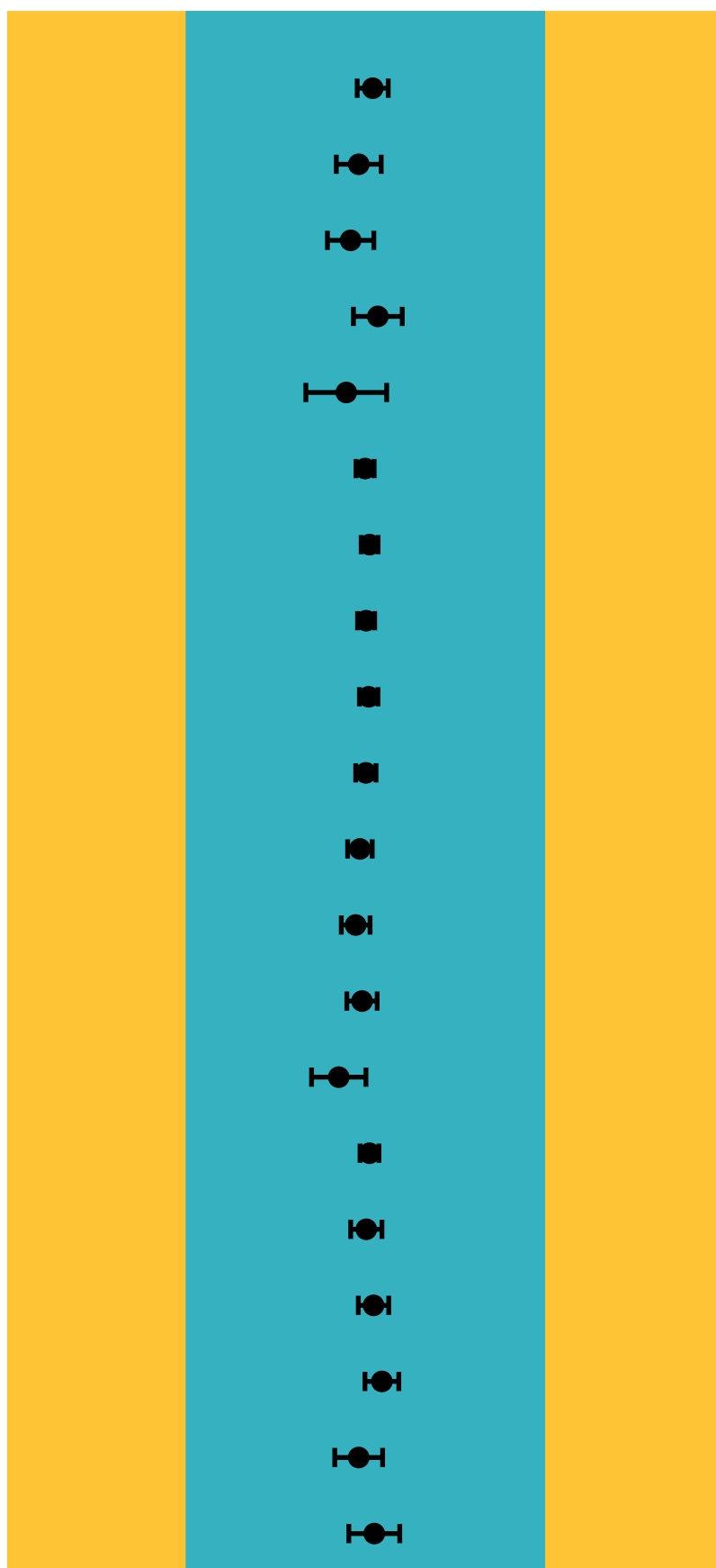


**ATLAS** Internal      —●— Nuis. Param. Pull

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



gamma\_bkg\_stat\_ggf\_17\_dEta\_2\_Xhh\_1\_bin\_10  
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gamma\_bkg\_stat\_ggf\_17\_dEta\_2\_Xhh\_1\_bin\_12  
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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\_2\_bin\_2

gamma\_bkg\_stat\_ggf\_17\_dEta\_2\_Xhh\_2\_bin\_3

gamma\_bkg\_stat\_ggf\_17\_dEta\_2\_Xhh\_2\_bin\_4

gamma\_bkg\_stat\_ggf\_17\_dEta\_2\_Xhh\_2\_bin\_5

gamma\_bkg\_stat\_ggf\_17\_dEta\_2\_Xhh\_2\_bin\_6

gamma\_bkg\_stat\_ggf\_17\_dEta\_2\_Xhh\_2\_bin\_7

gamma\_bkg\_stat\_ggf\_17\_dEta\_2\_Xhh\_2\_bin\_8

gamma\_bkg\_stat\_ggf\_17\_dEta\_2\_Xhh\_2\_bin\_9

gamma\_bkg\_stat\_ggf\_17\_dEta\_3\_Xhh\_1\_bin\_0

gamma\_bkg\_stat\_ggf\_17\_dEta\_3\_Xhh\_1\_bin\_1

gamma\_bkg\_stat\_ggf\_17\_dEta\_3\_Xhh\_1\_bin\_10

gamma\_bkg\_stat\_ggf\_17\_dEta\_3\_Xhh\_1\_bin\_11

gamma\_bkg\_stat\_ggf\_17\_dEta\_3\_Xhh\_1\_bin\_12

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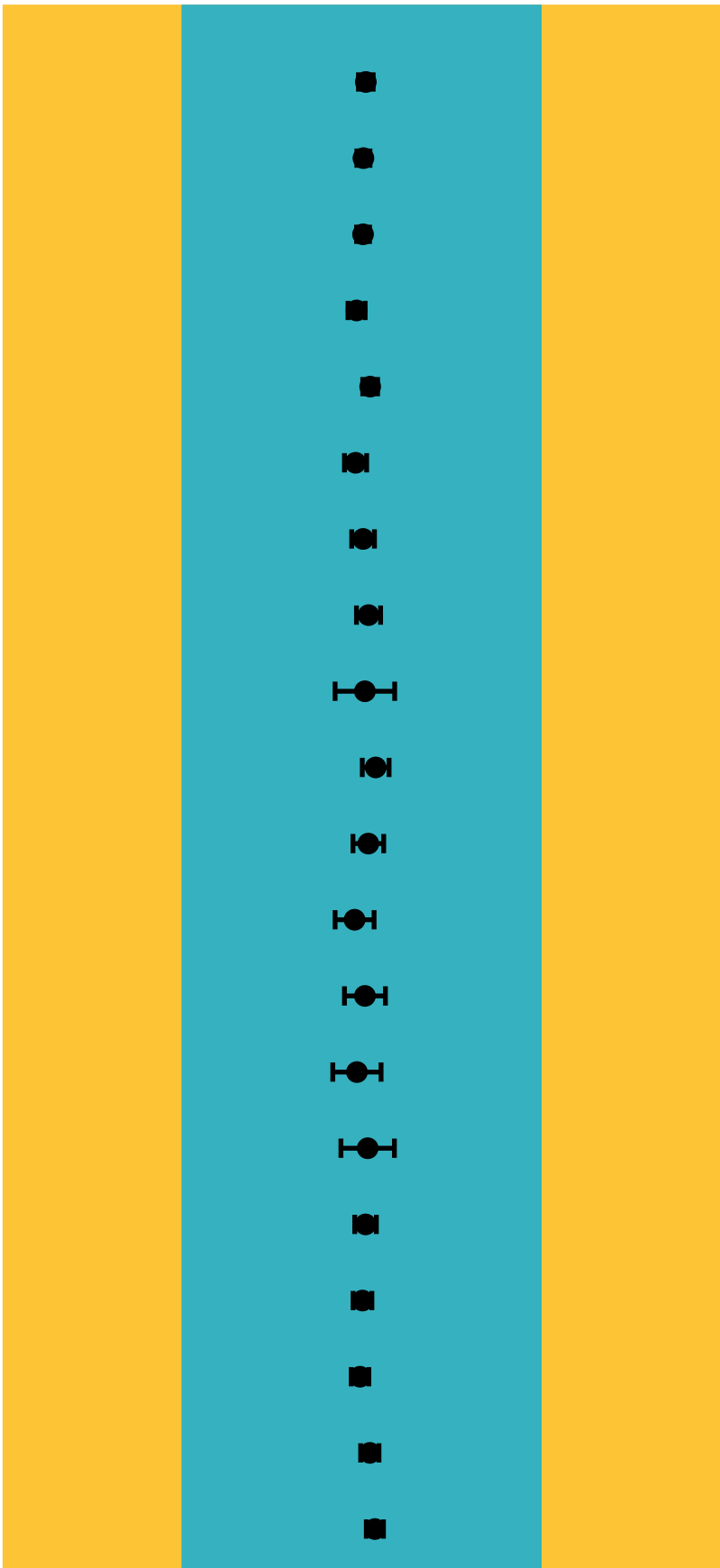
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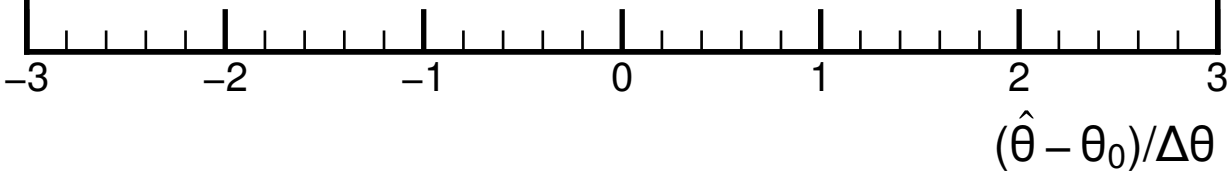
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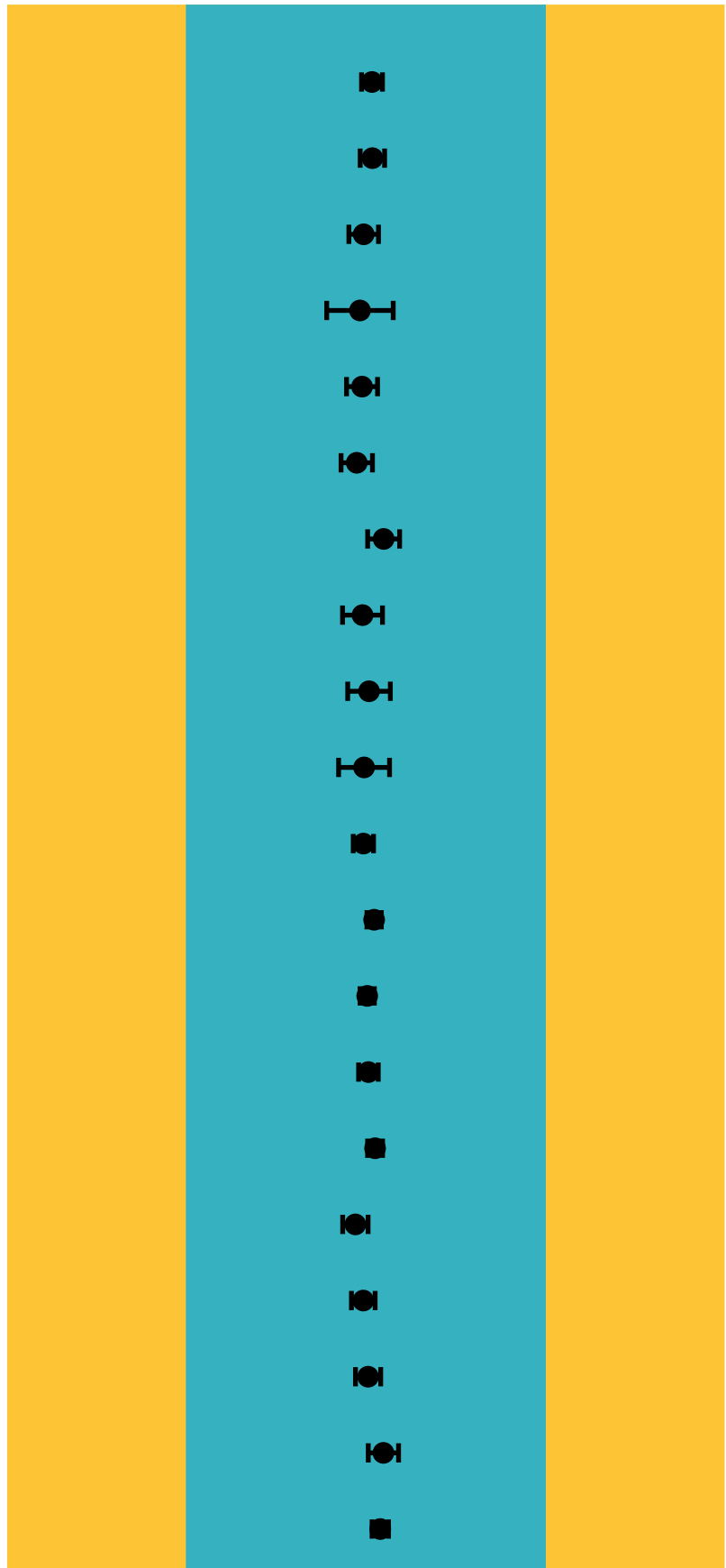
**ATLAS** Internal

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

—●— Nuis. Param. Pull



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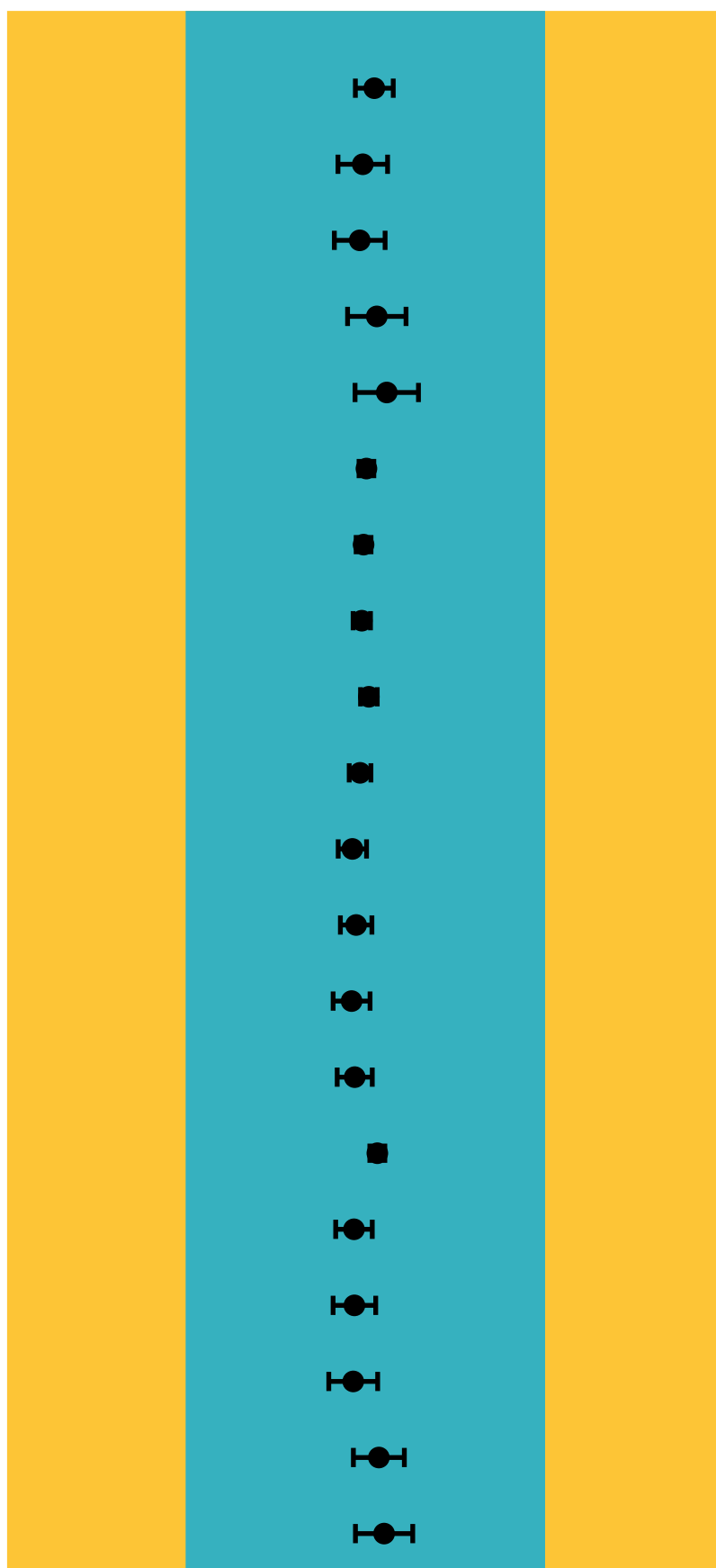


**ATLAS** Internal      —●— Nuis. Param. Pull

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

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

gamma\_bkg\_stat\_ggf\_18\_dEta\_1\_Xhh\_1\_bin\_10  
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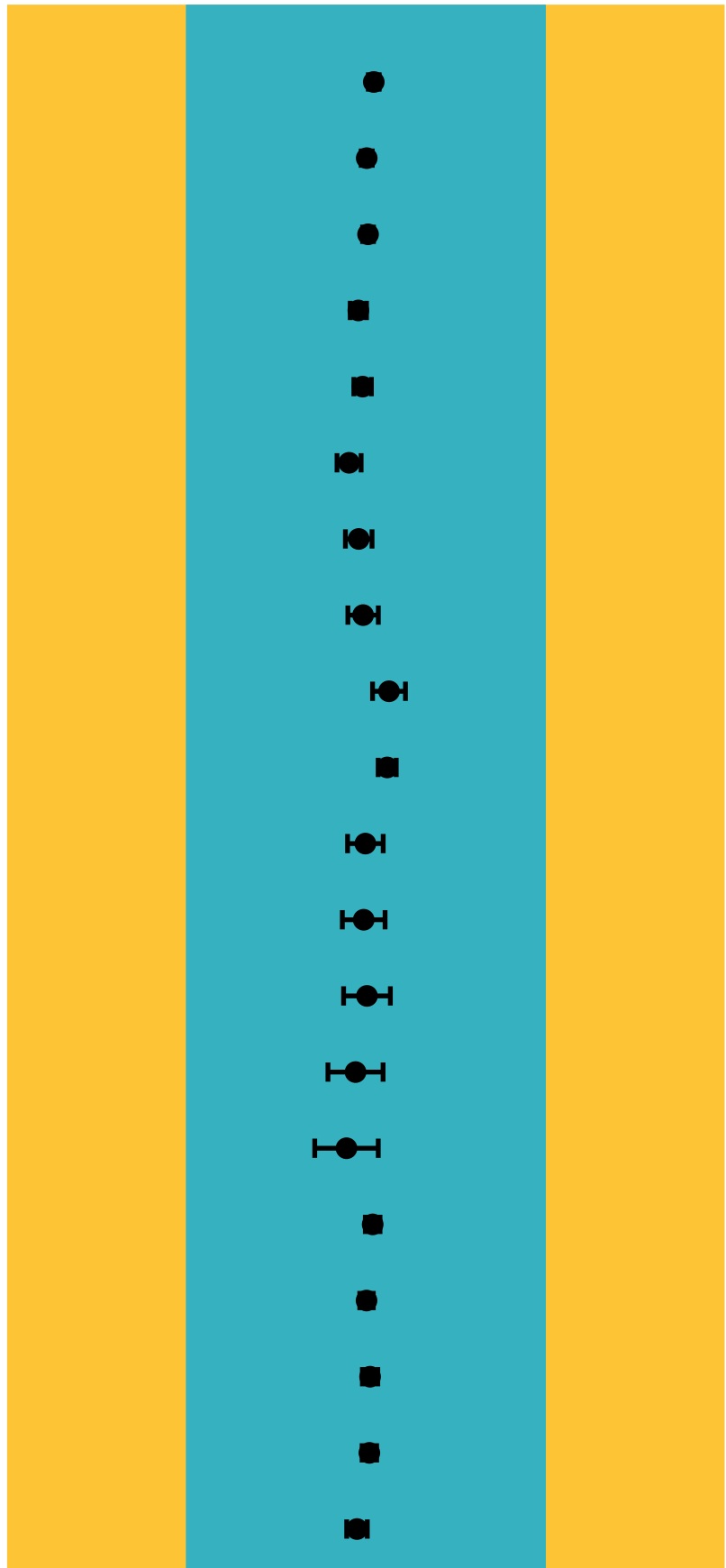


**ATLAS** Internal  
 $\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

—●— Nuis. Param. Pull

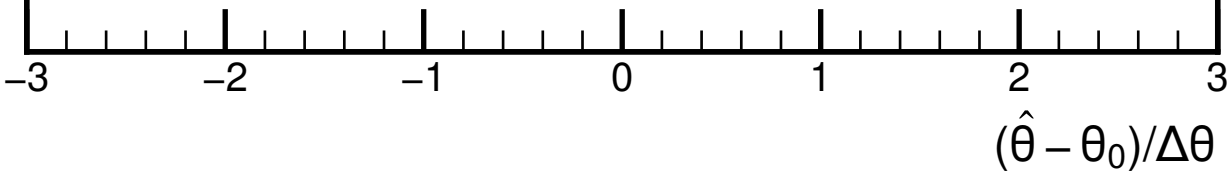
—3 —2 —1 0 1 2 3  
 $(\hat{\theta} - \theta_0)/\Delta\theta$

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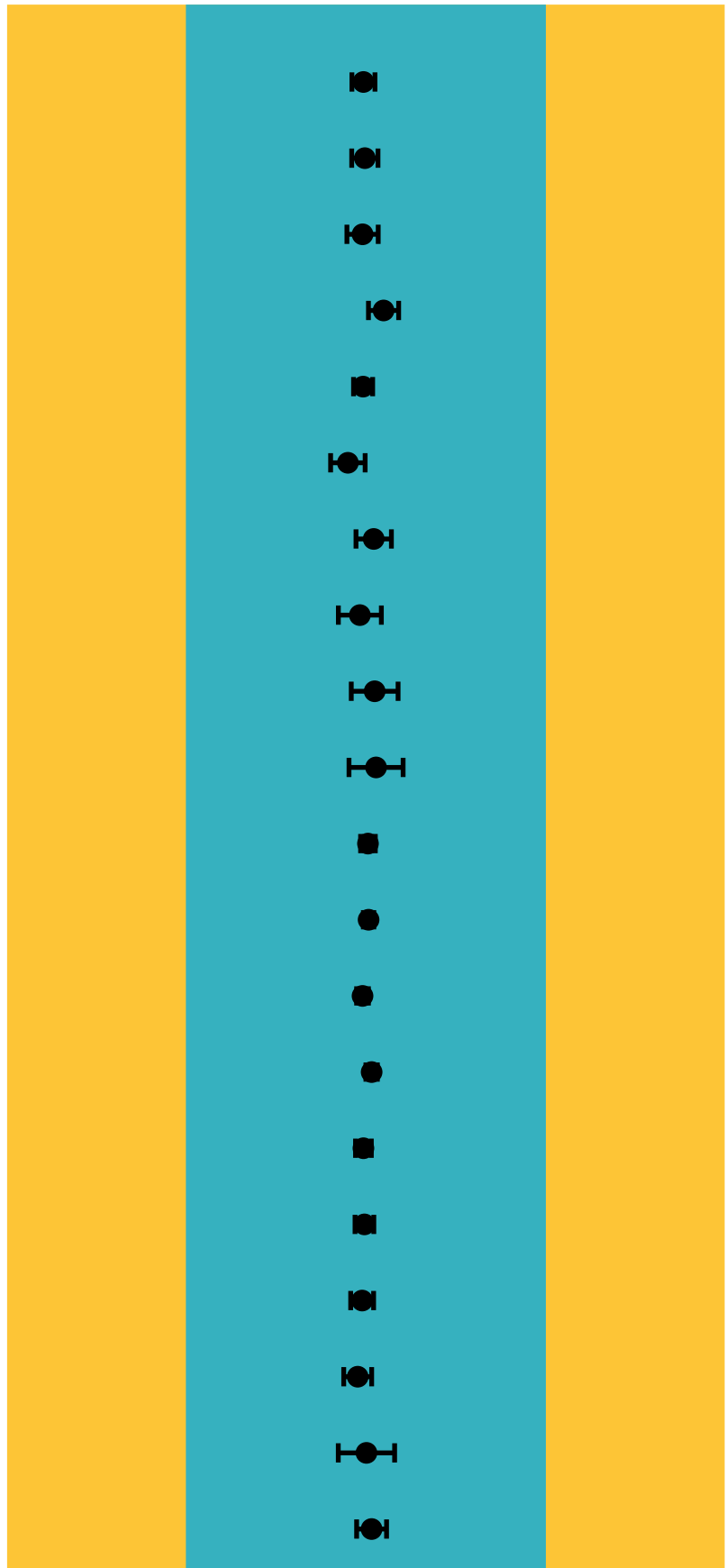
**ATLAS** Internal      —●— Nuis. Param. Pull

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



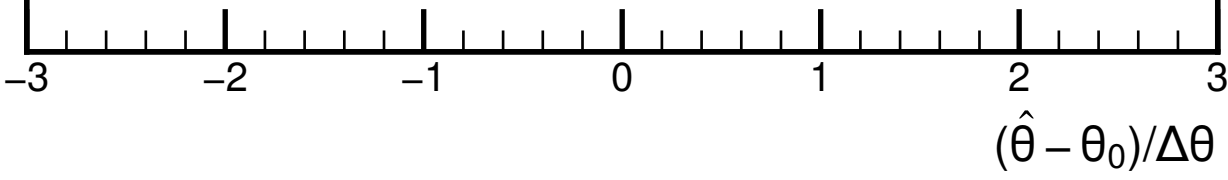


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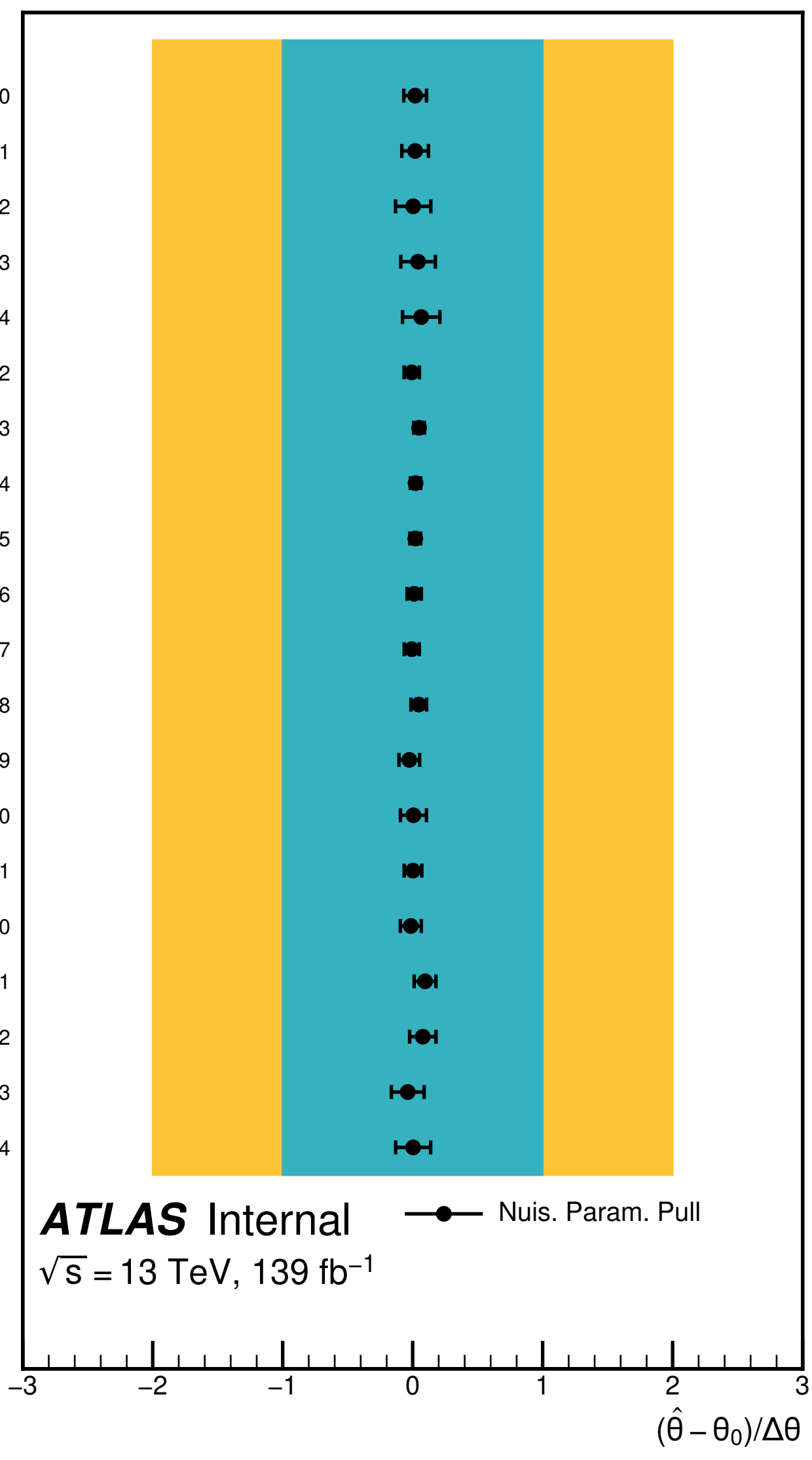


**ATLAS** Internal      —●— Nuis. Param. Pull

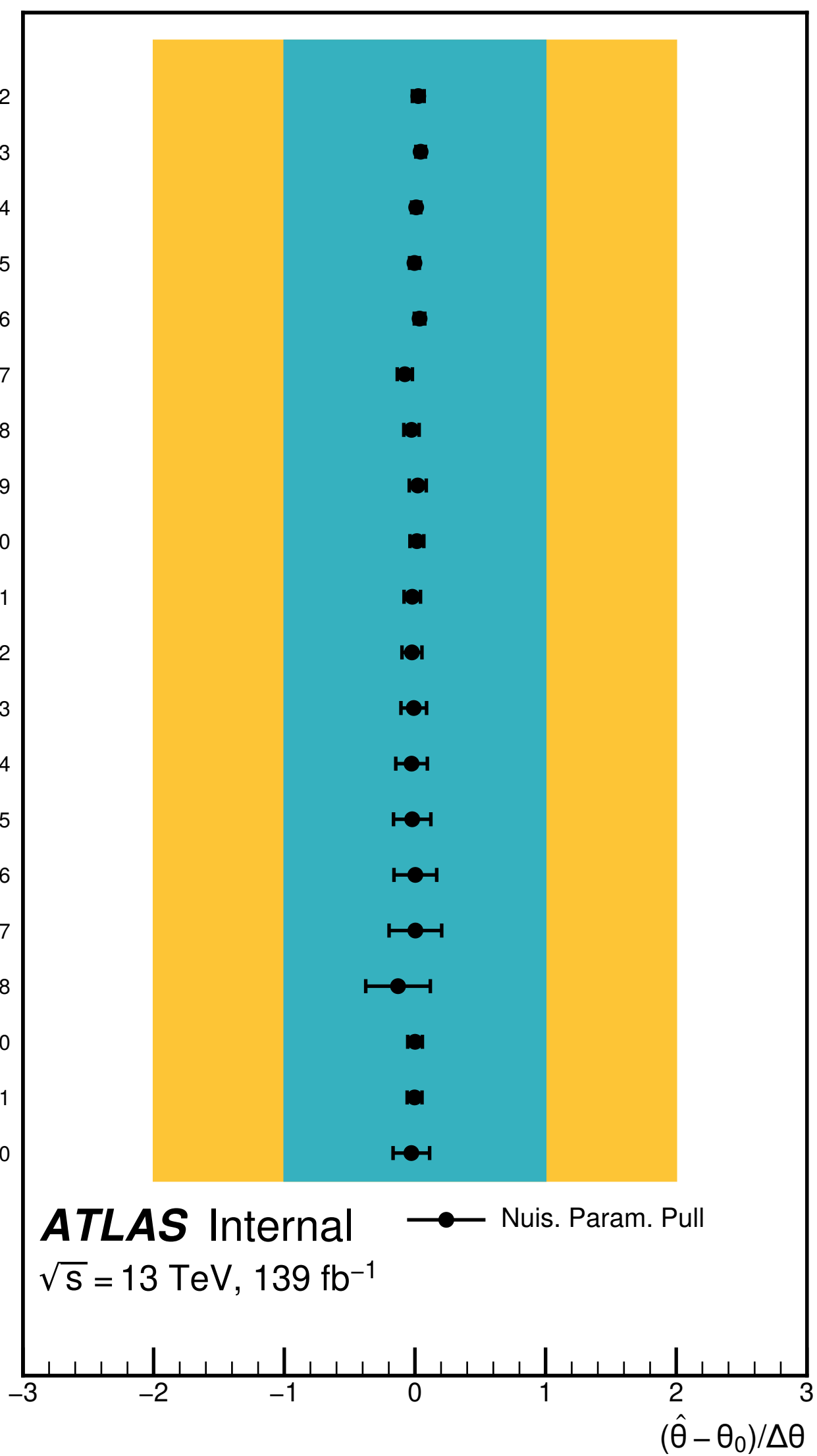
$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

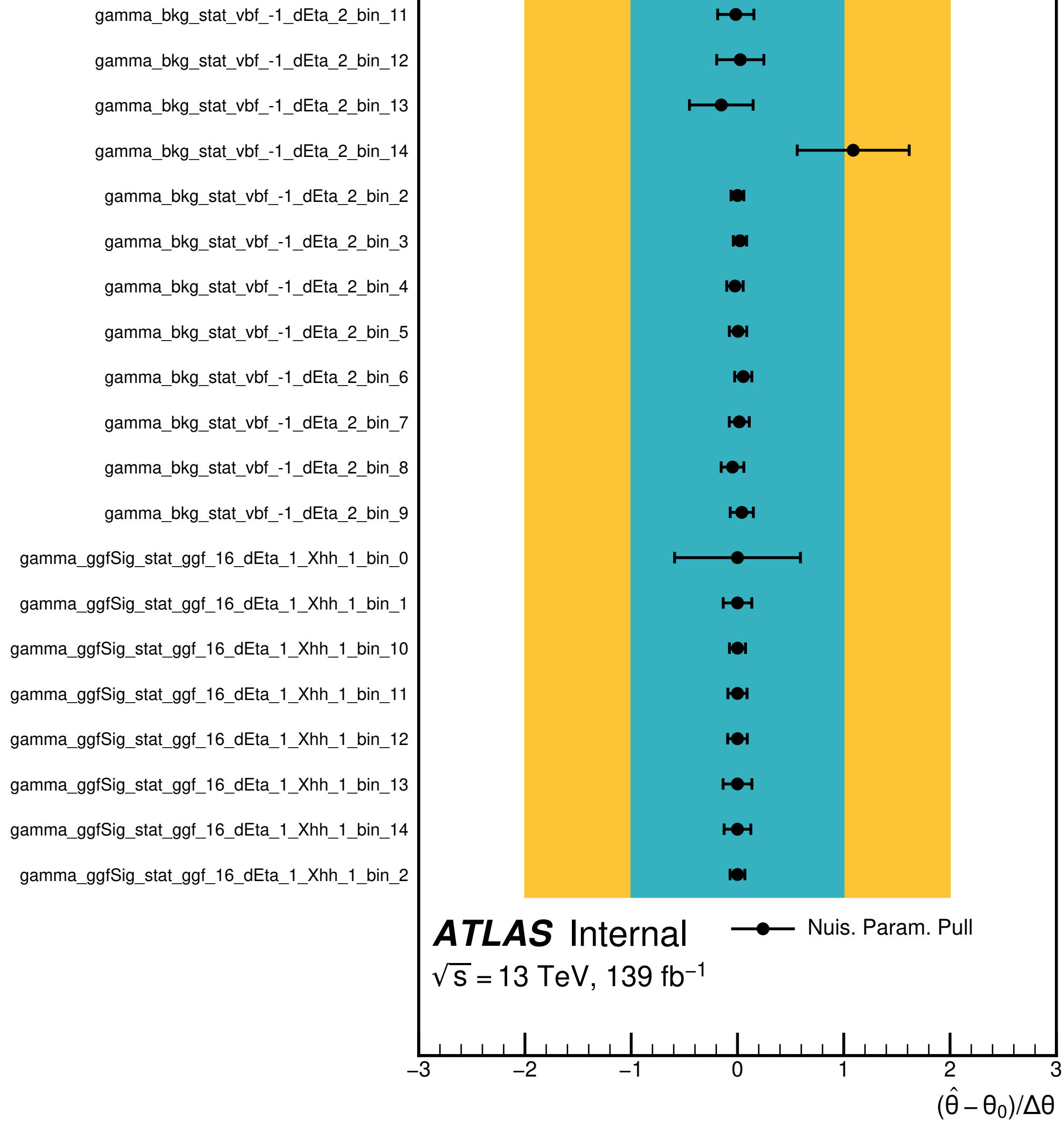


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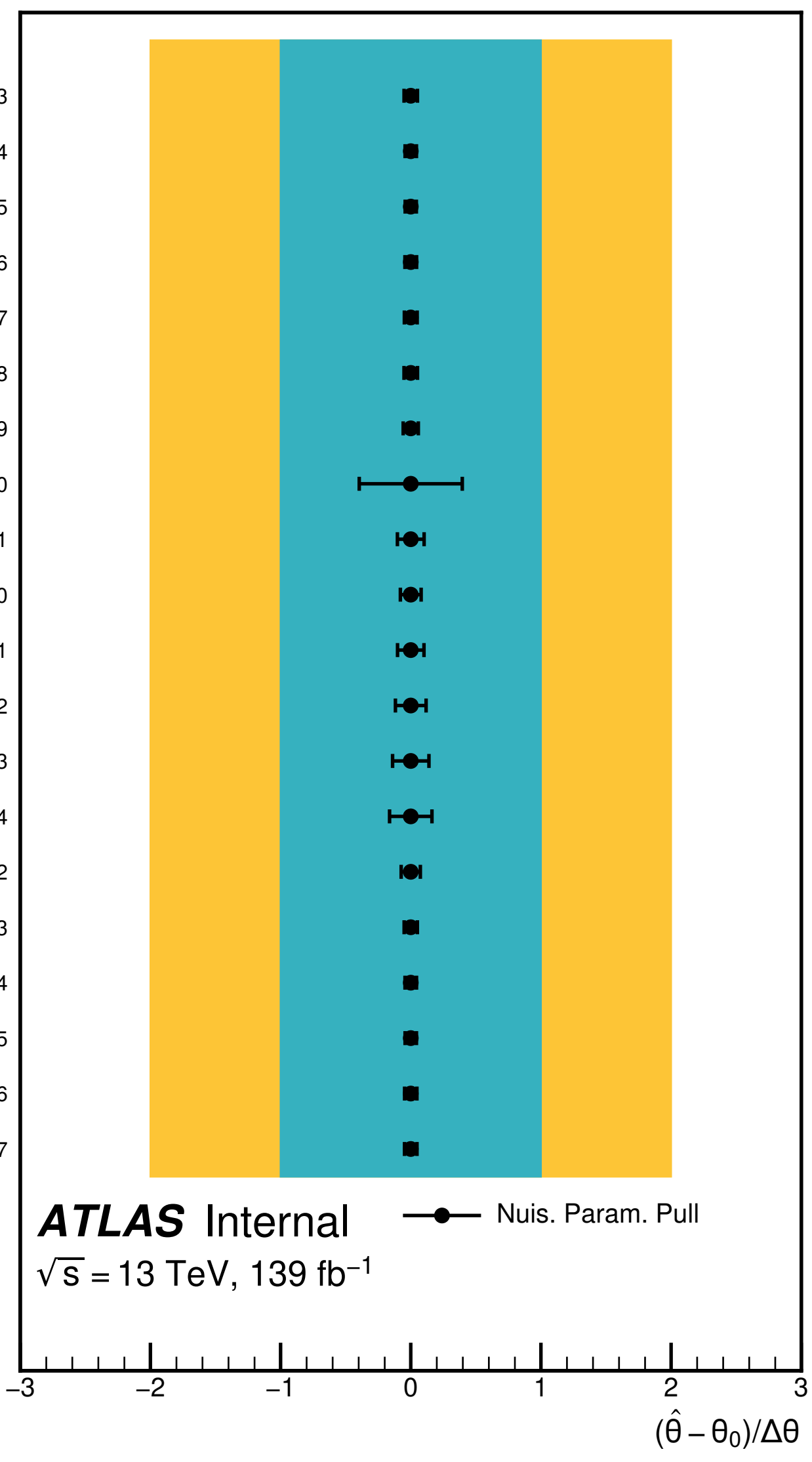


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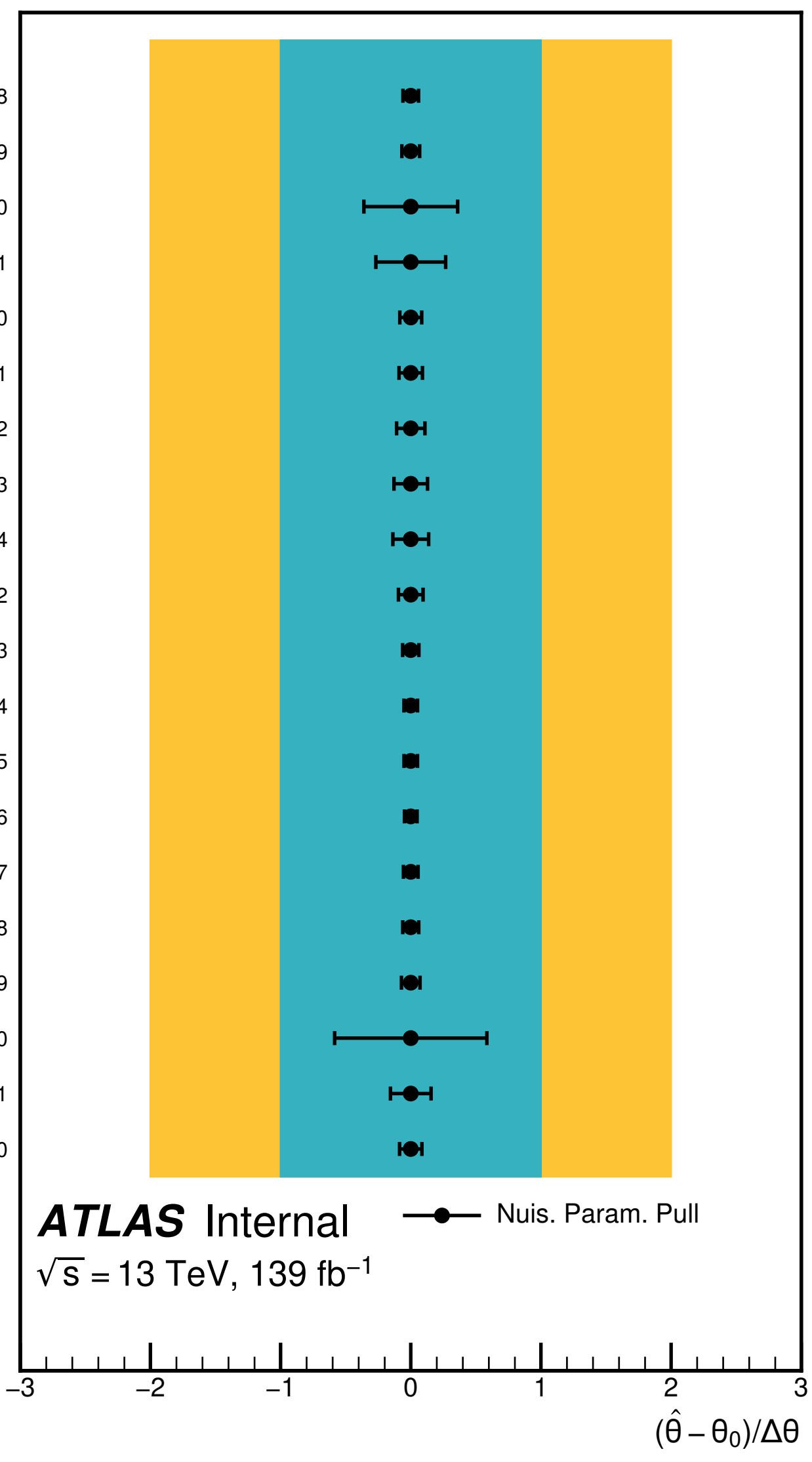


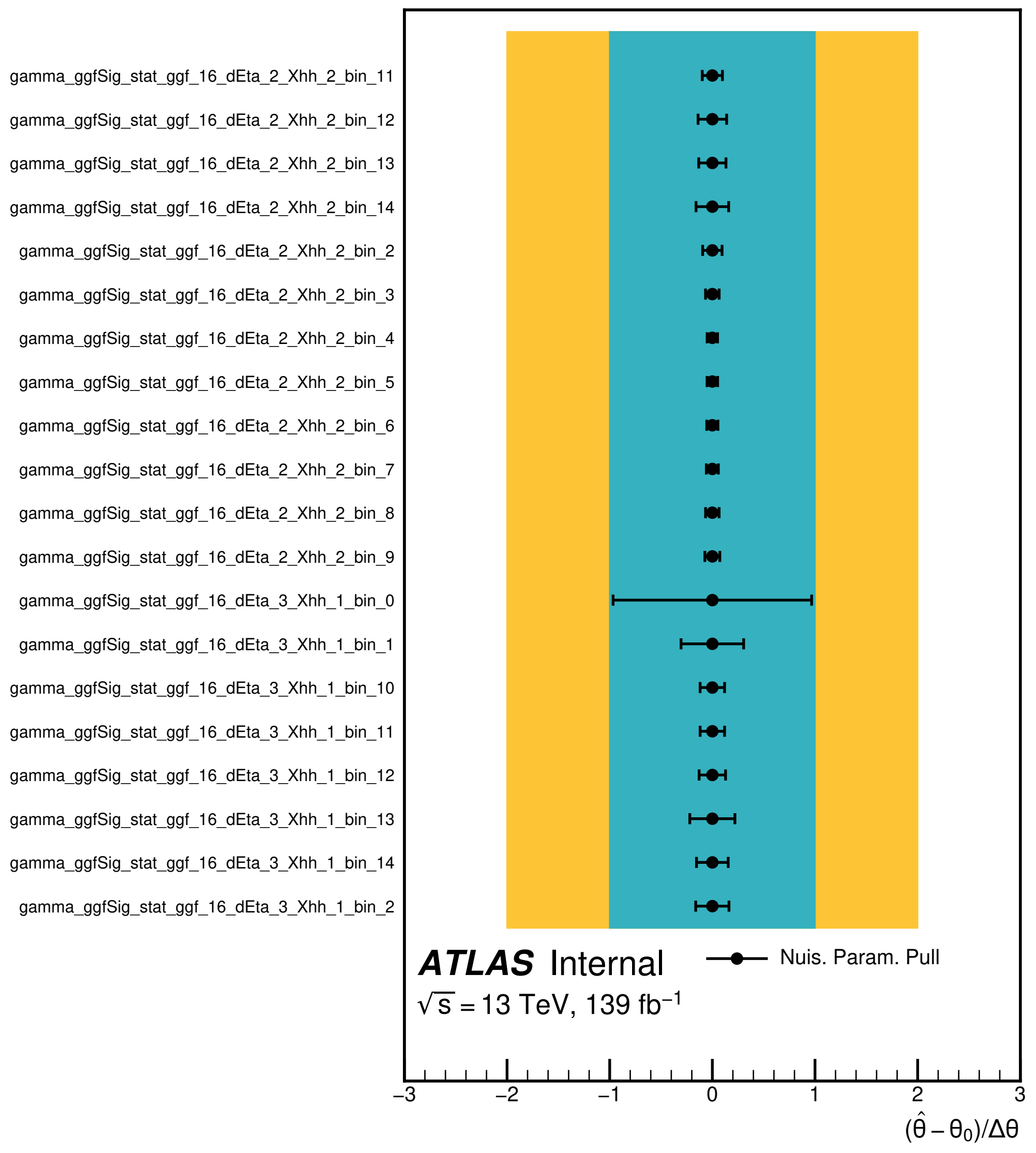


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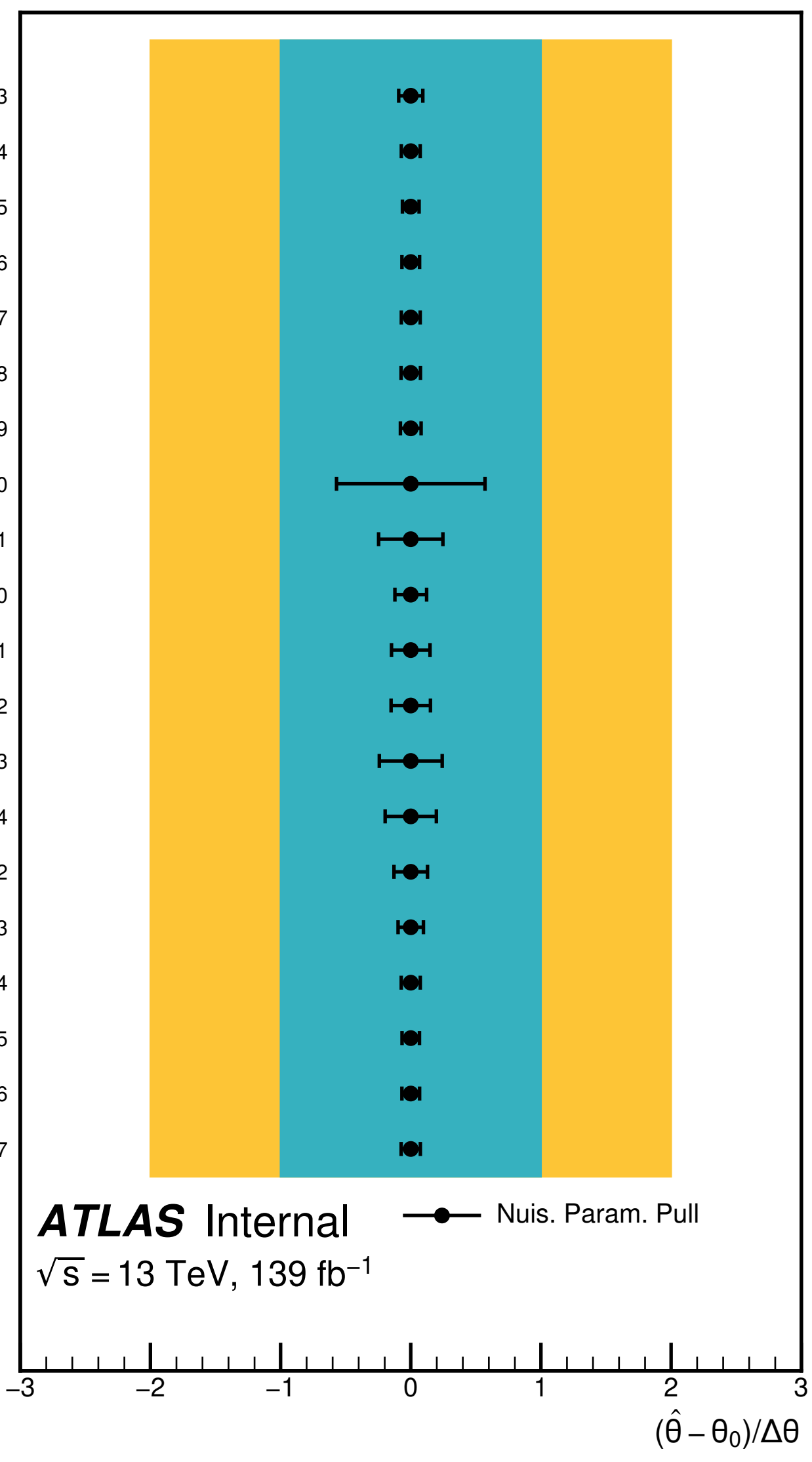


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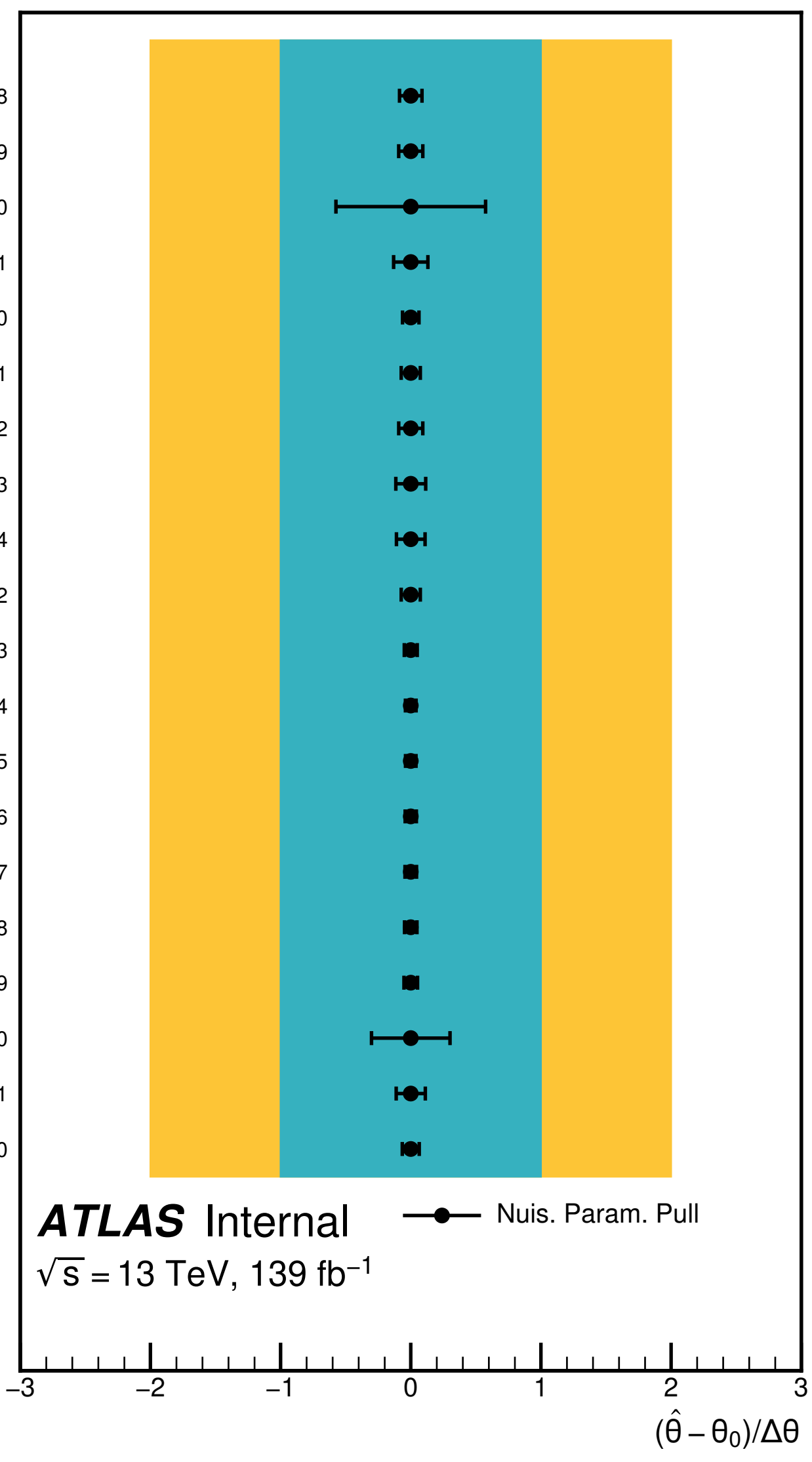


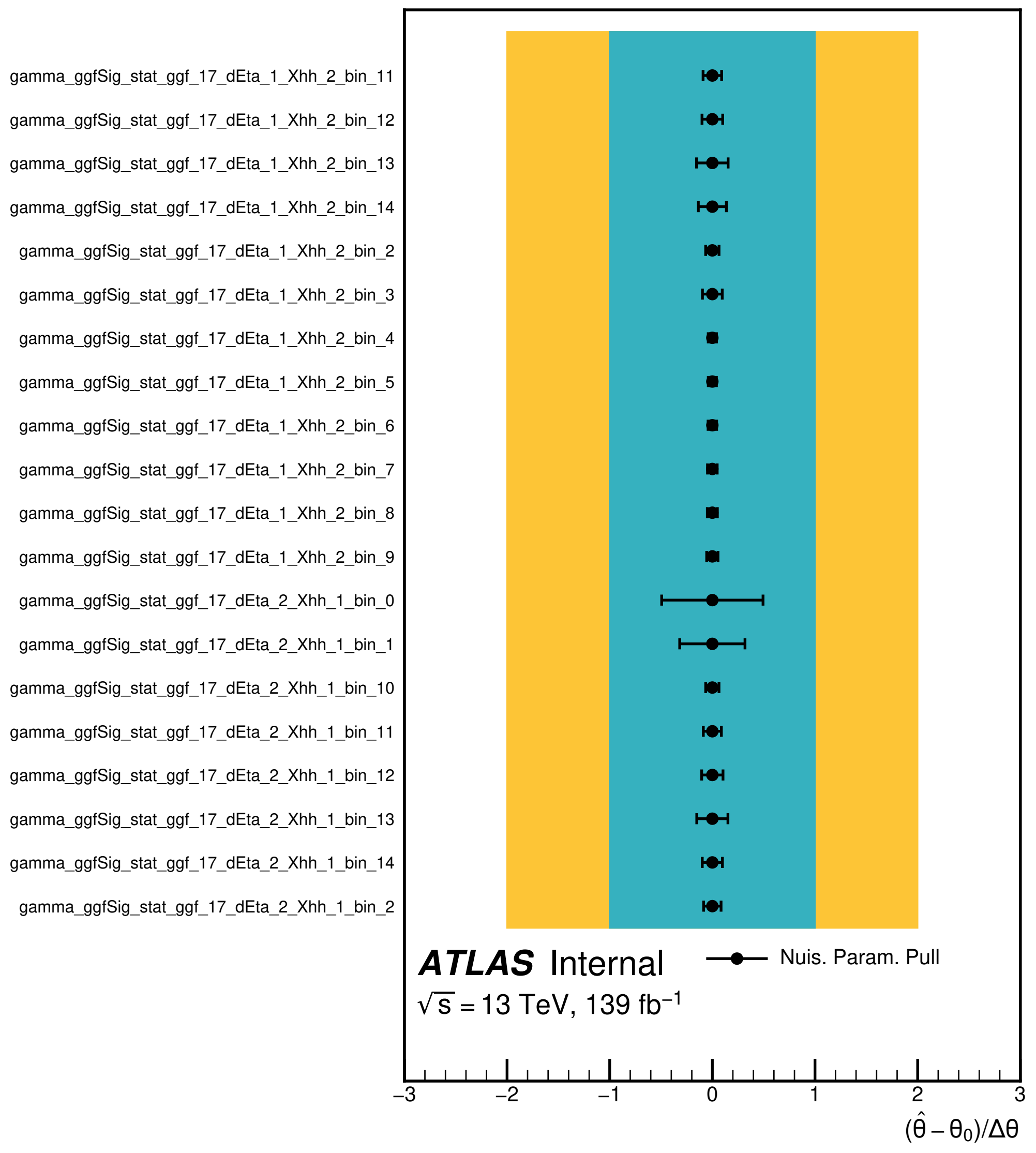
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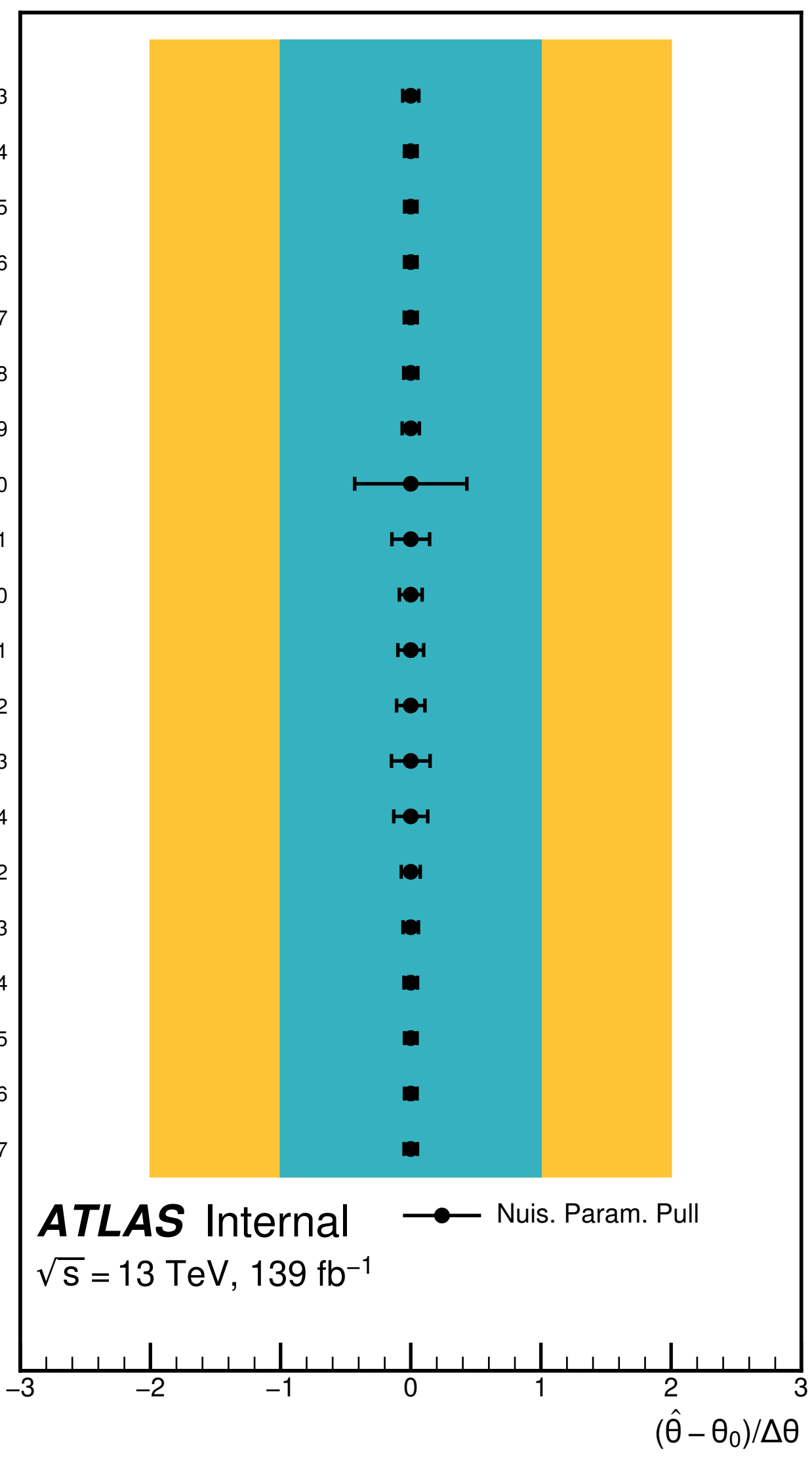


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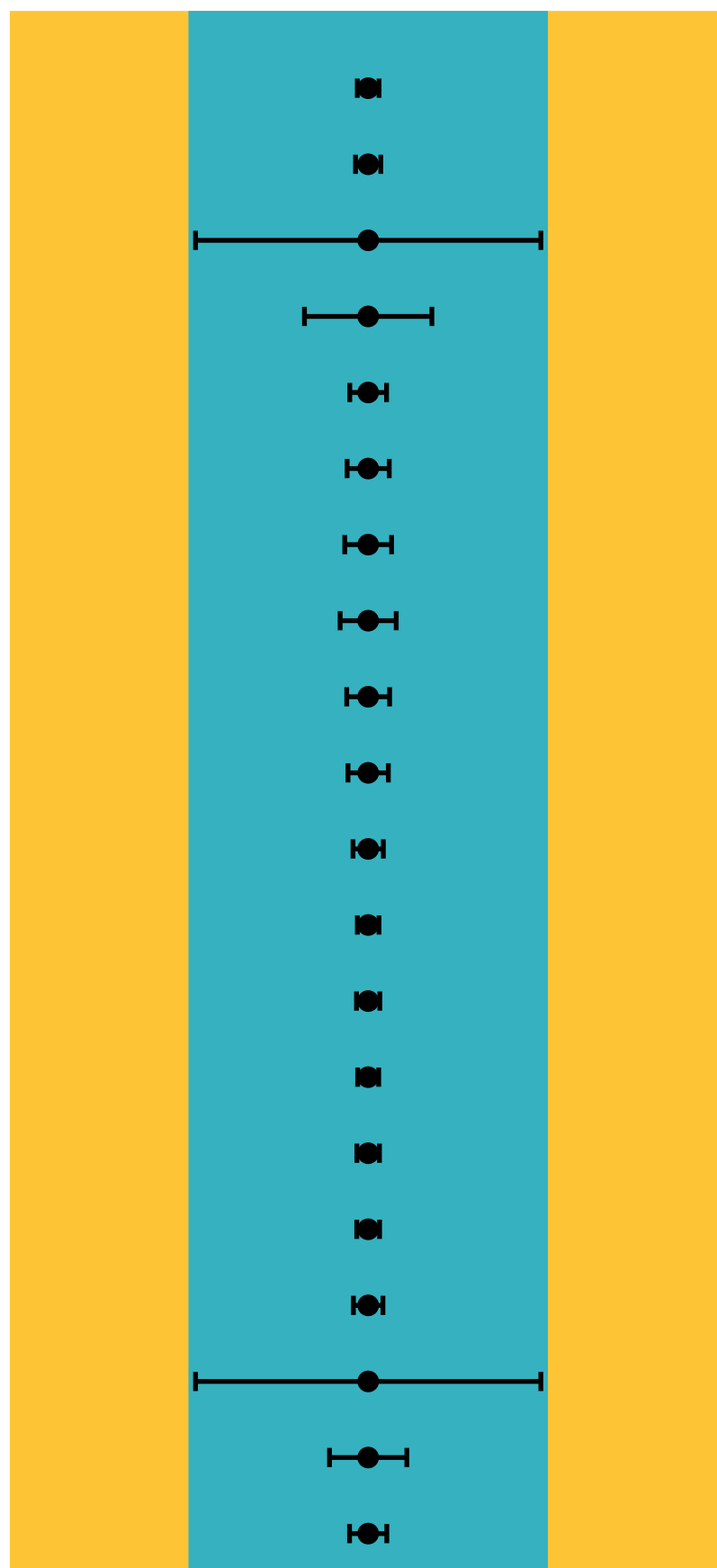




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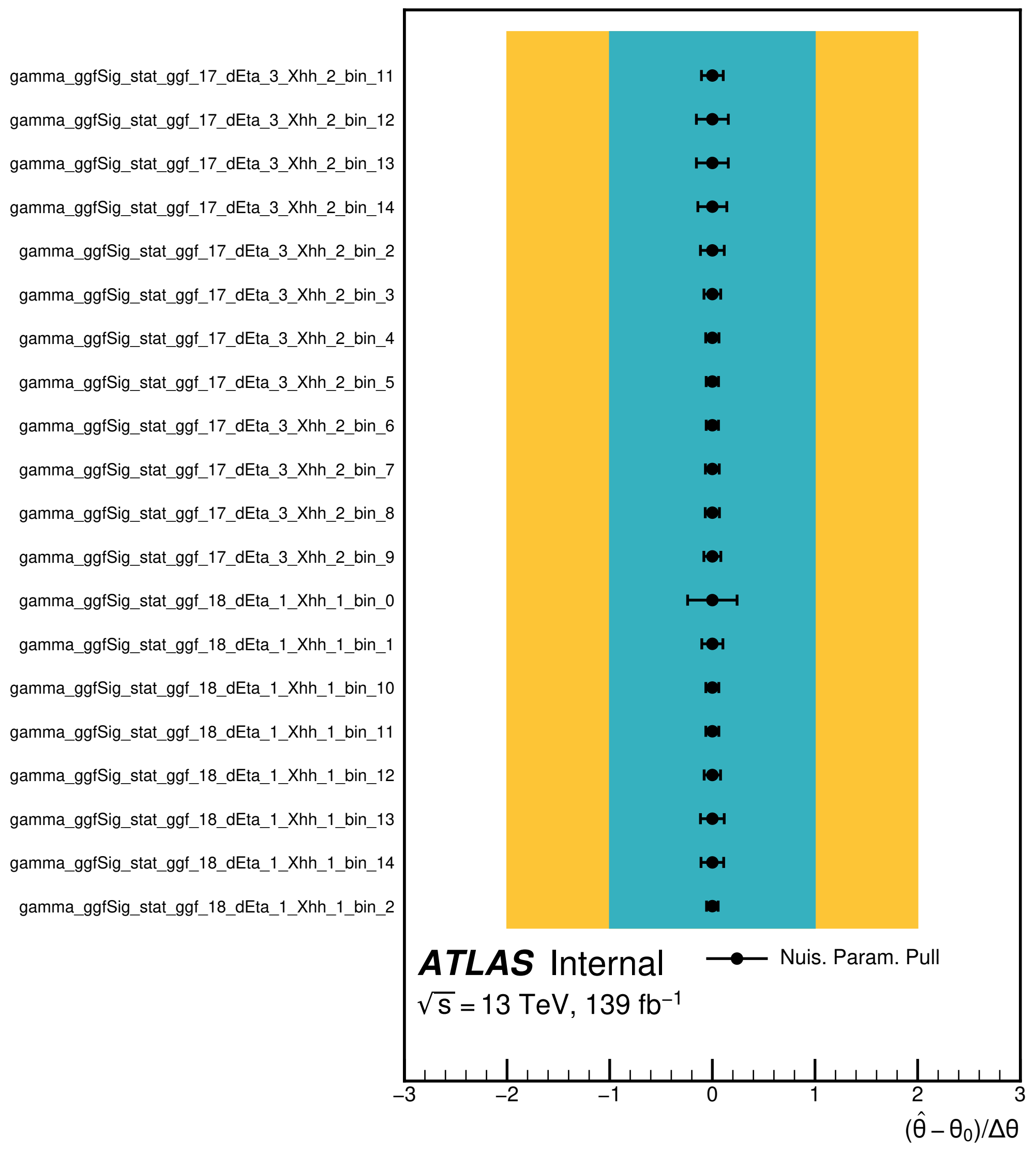
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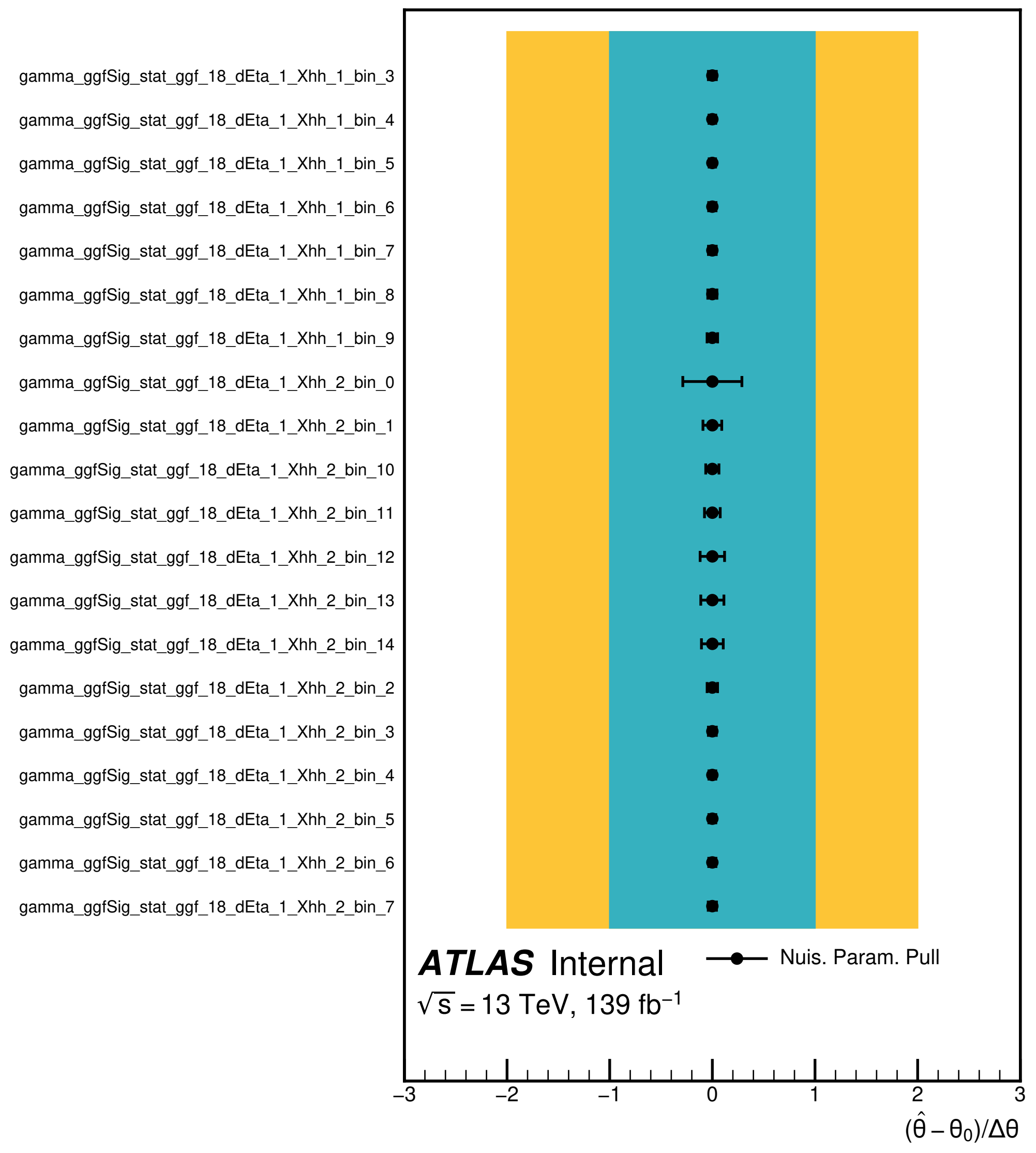
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—●— Nuis. Param. Pull

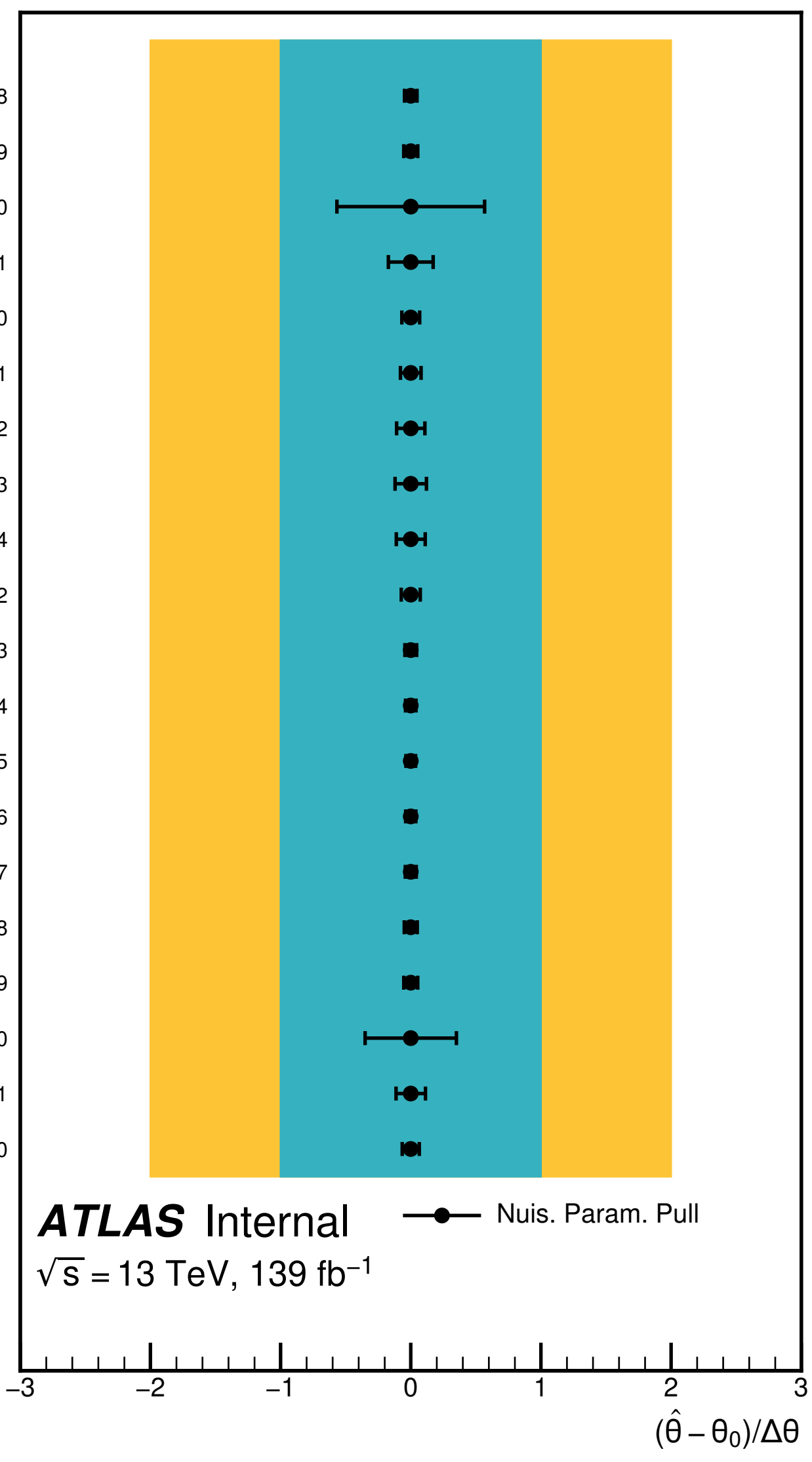
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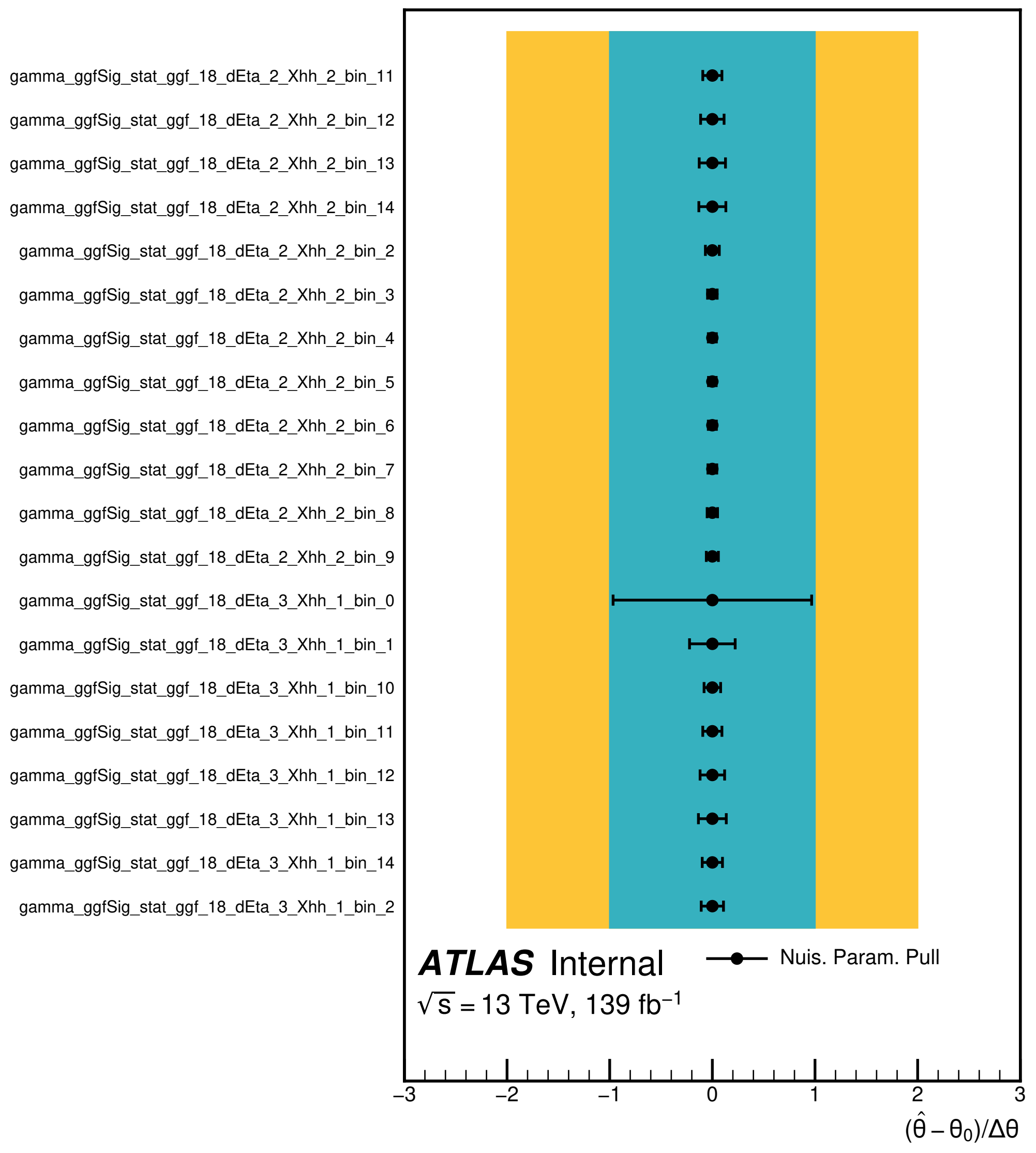
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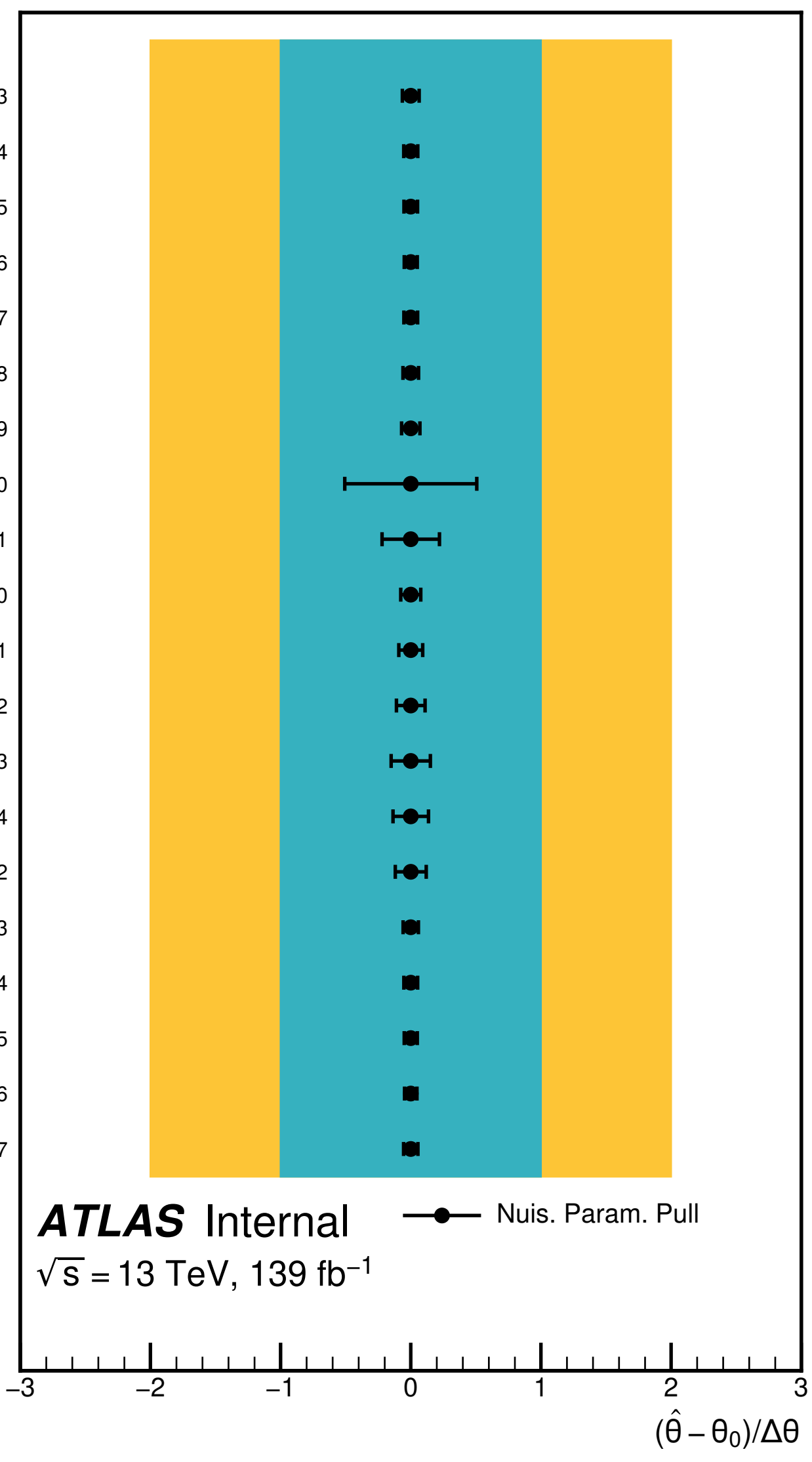
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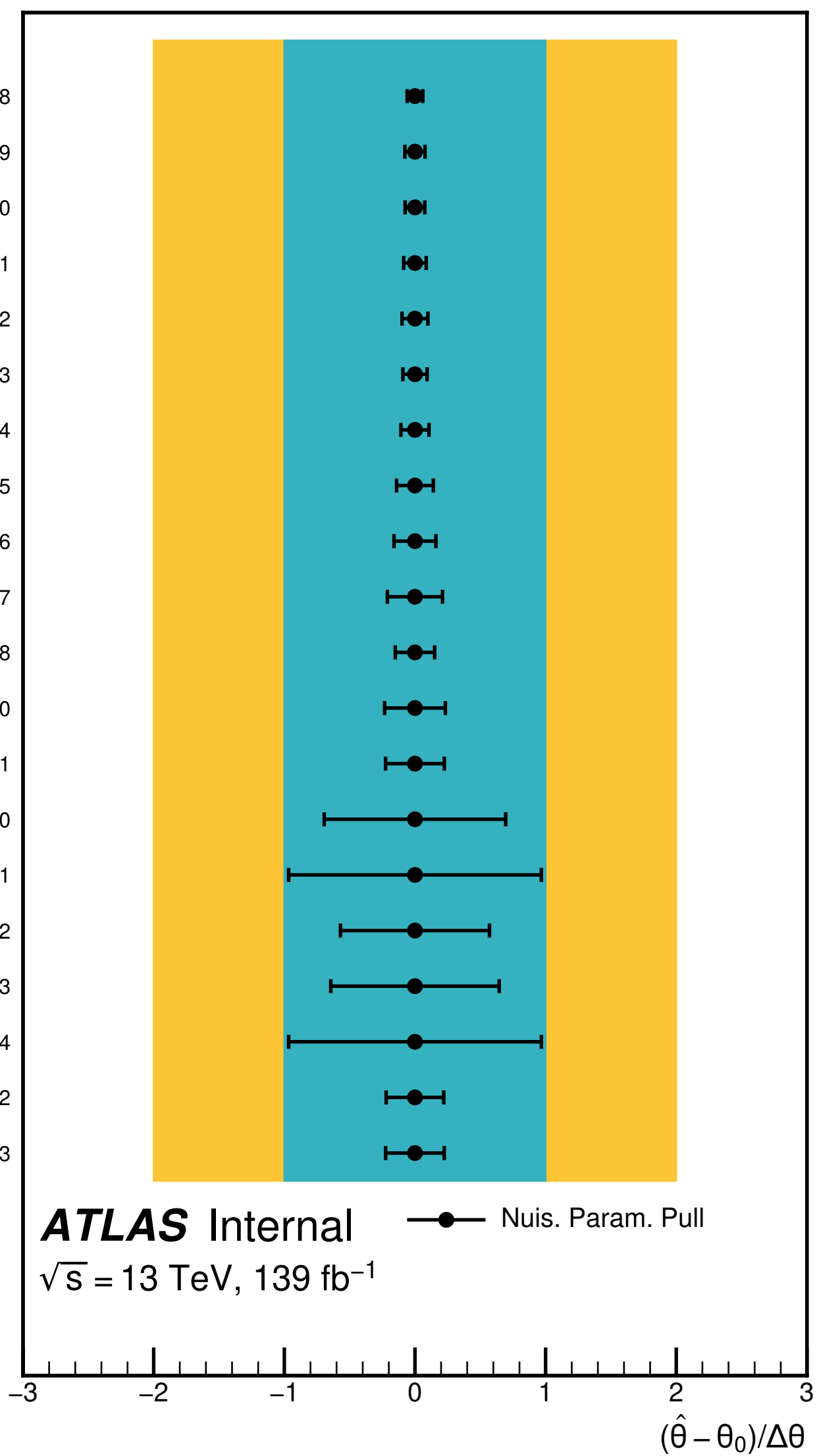




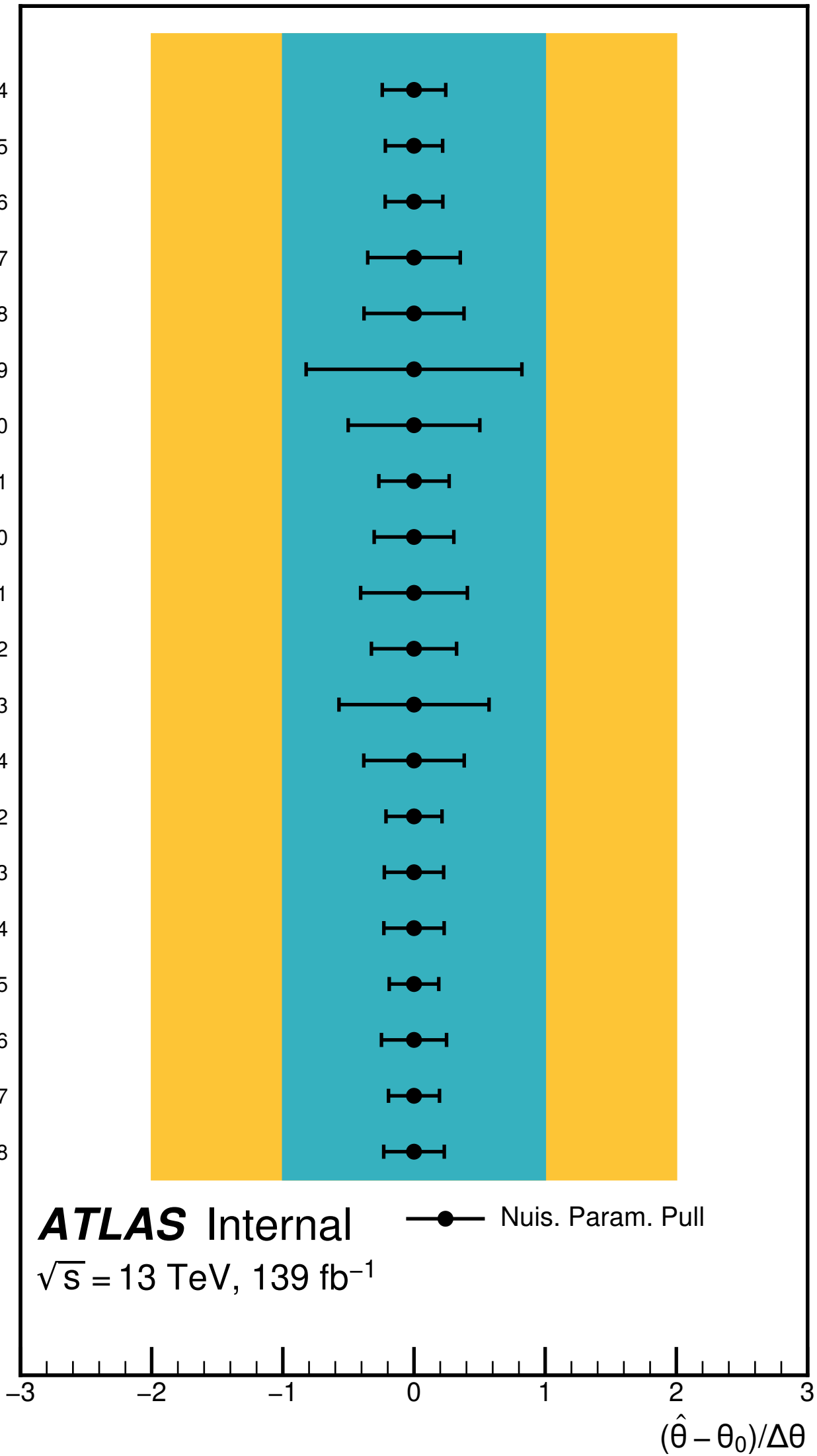
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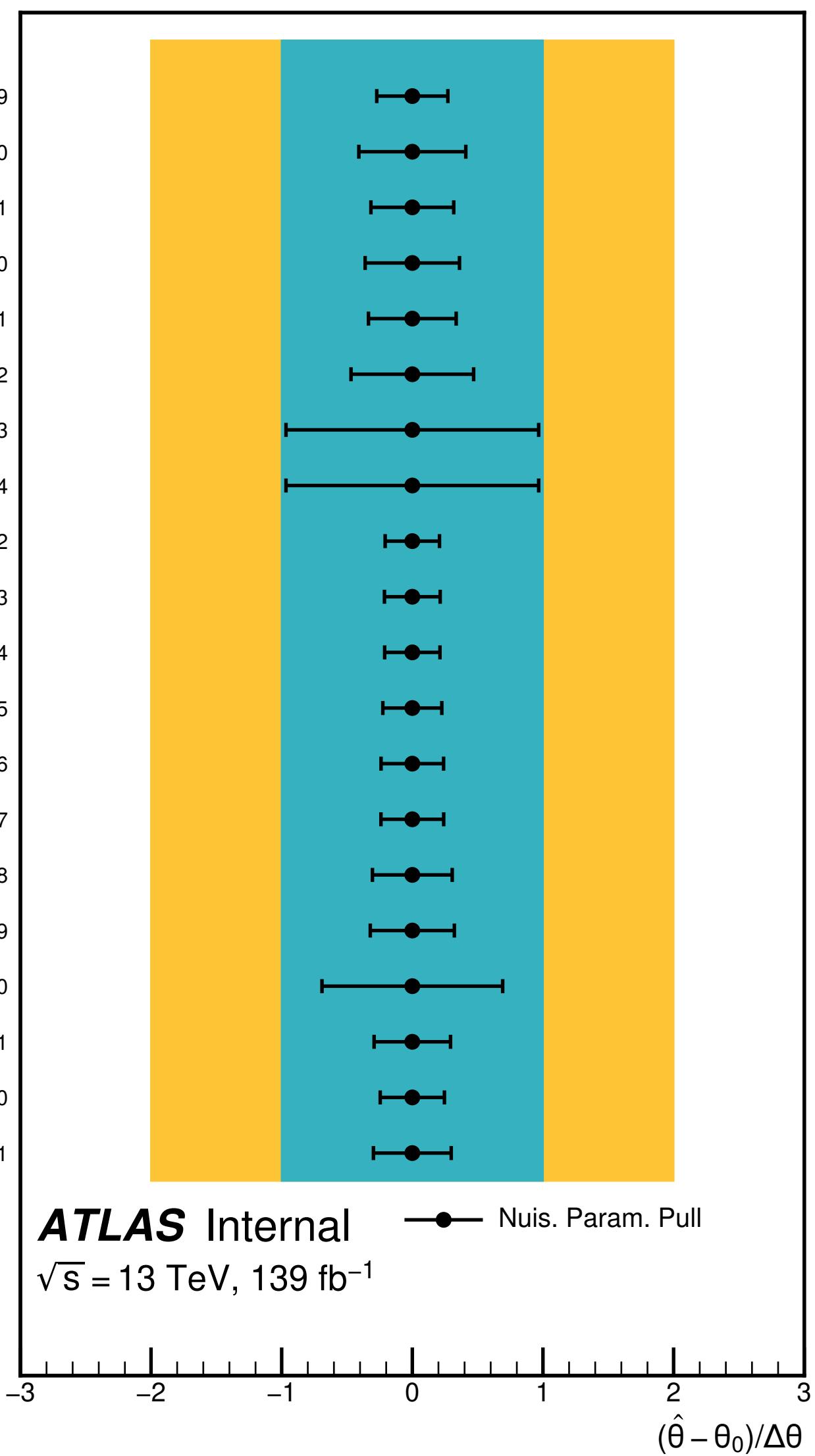
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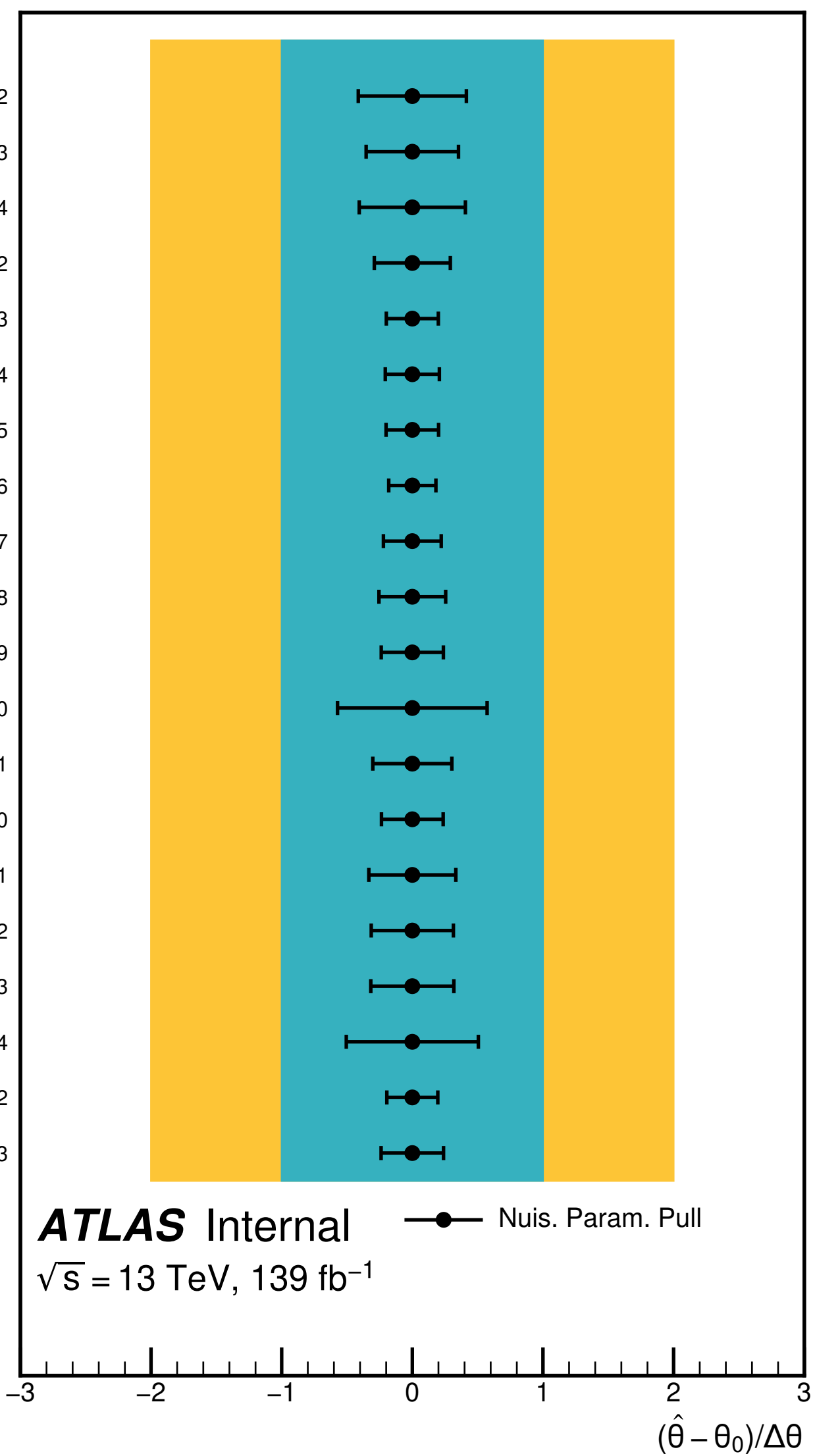
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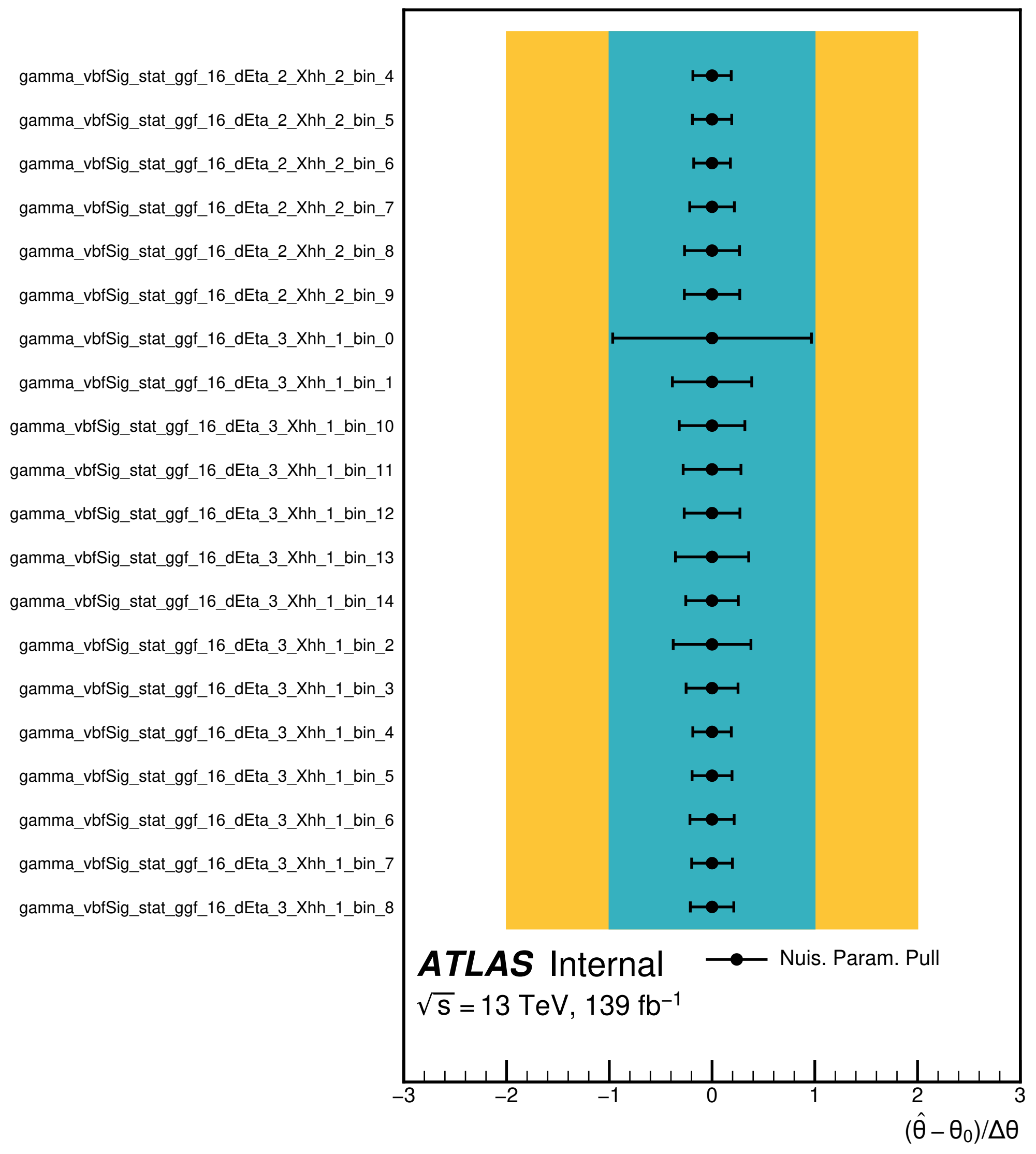


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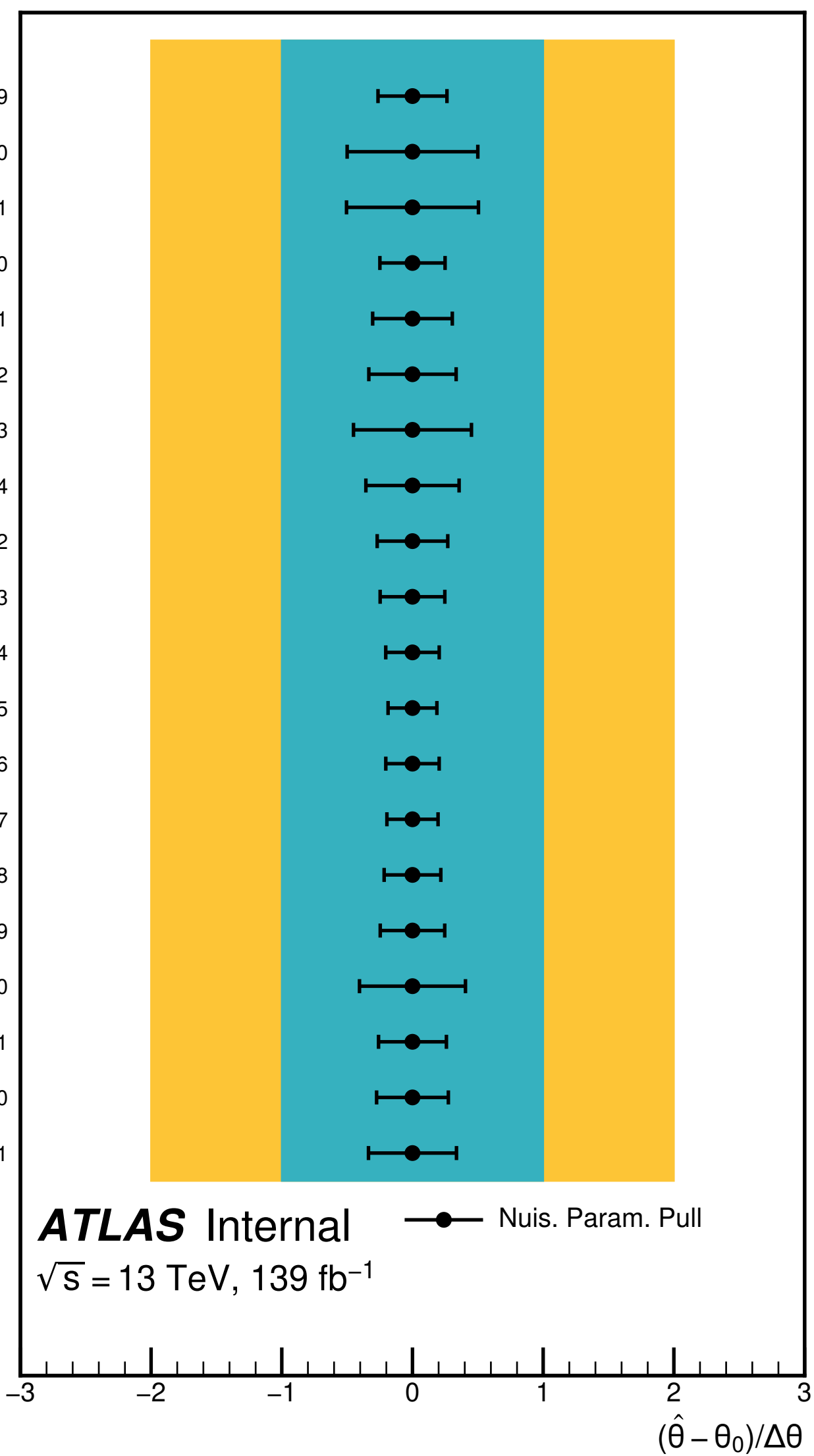


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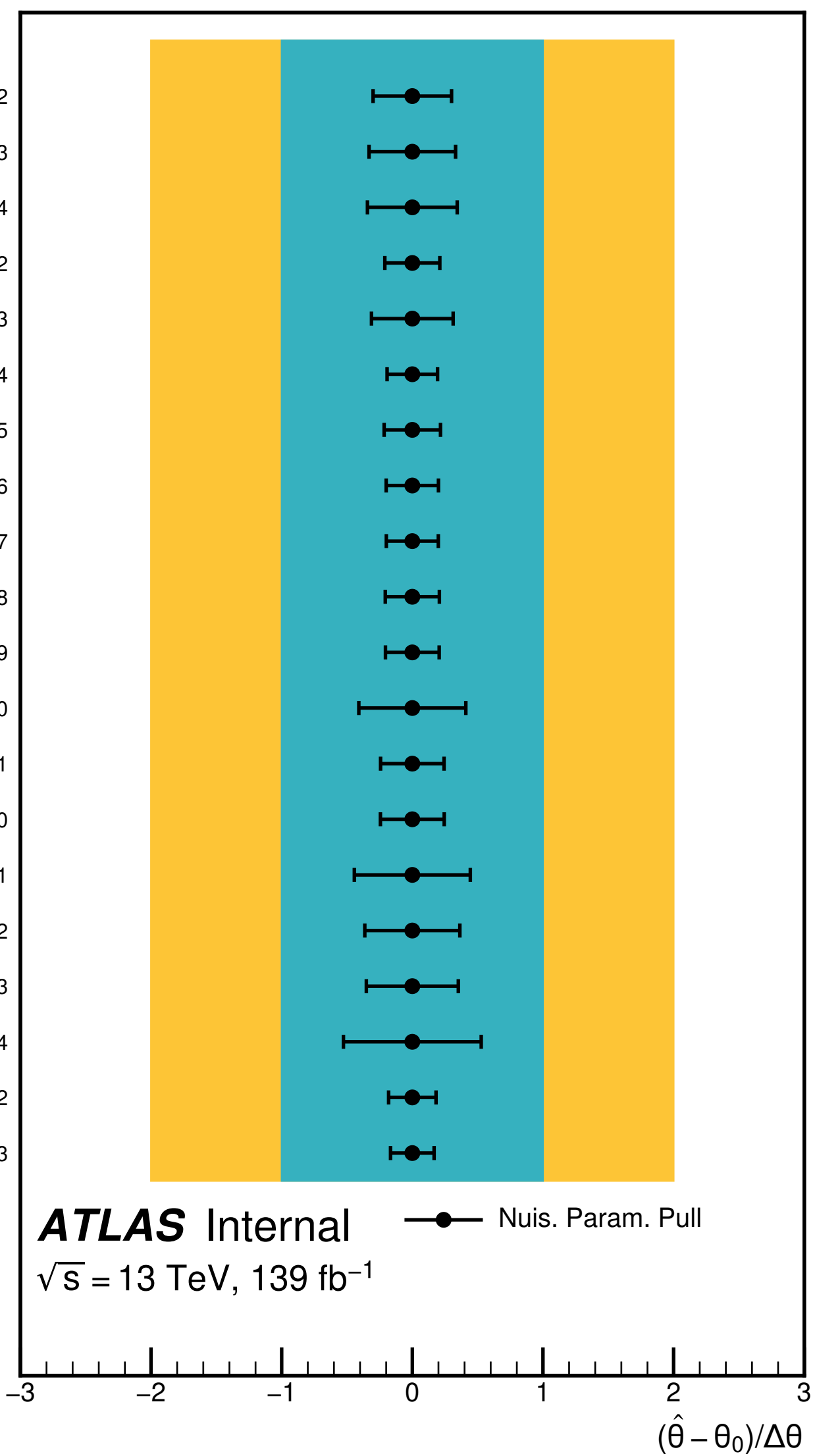




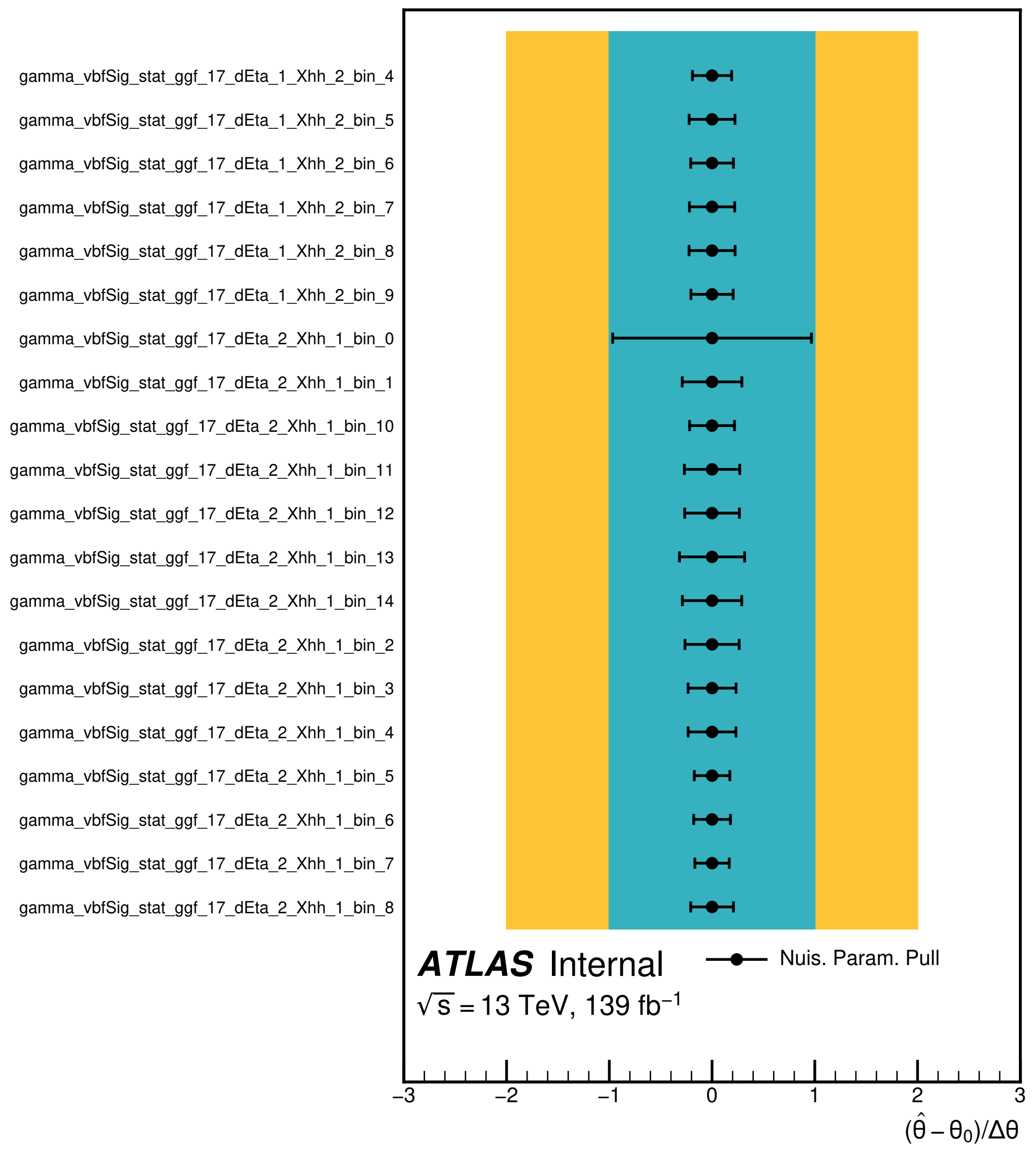
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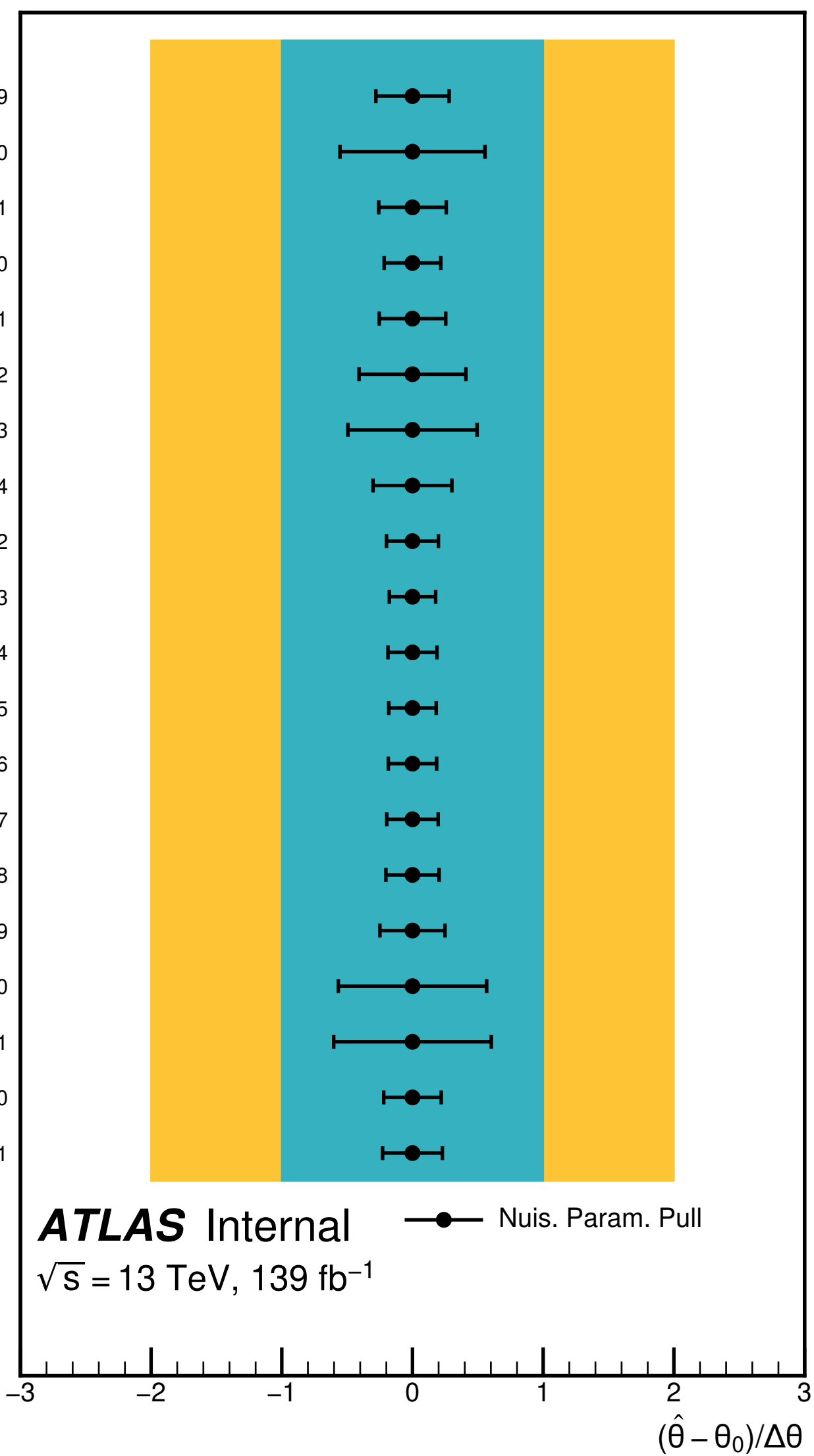
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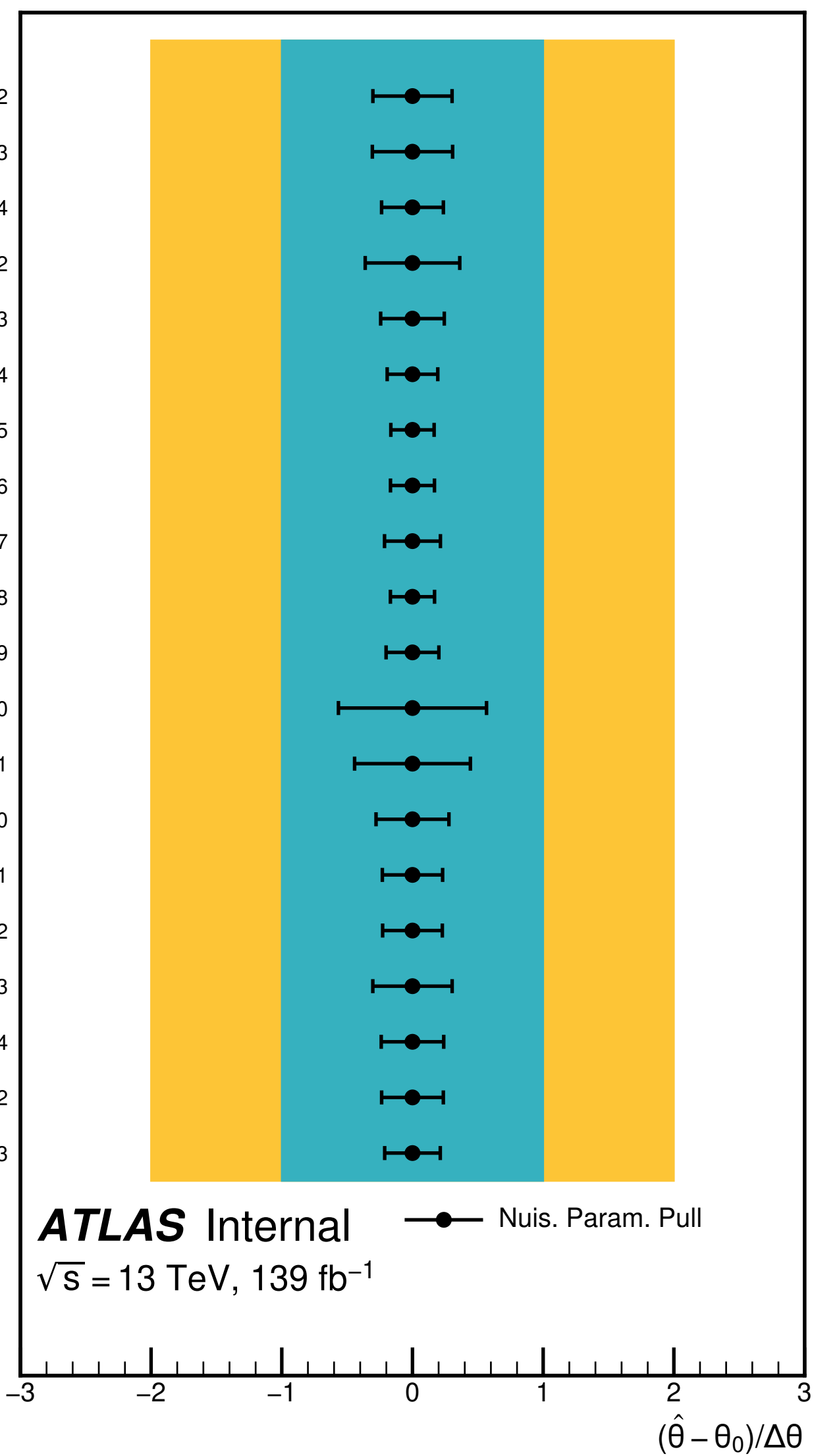


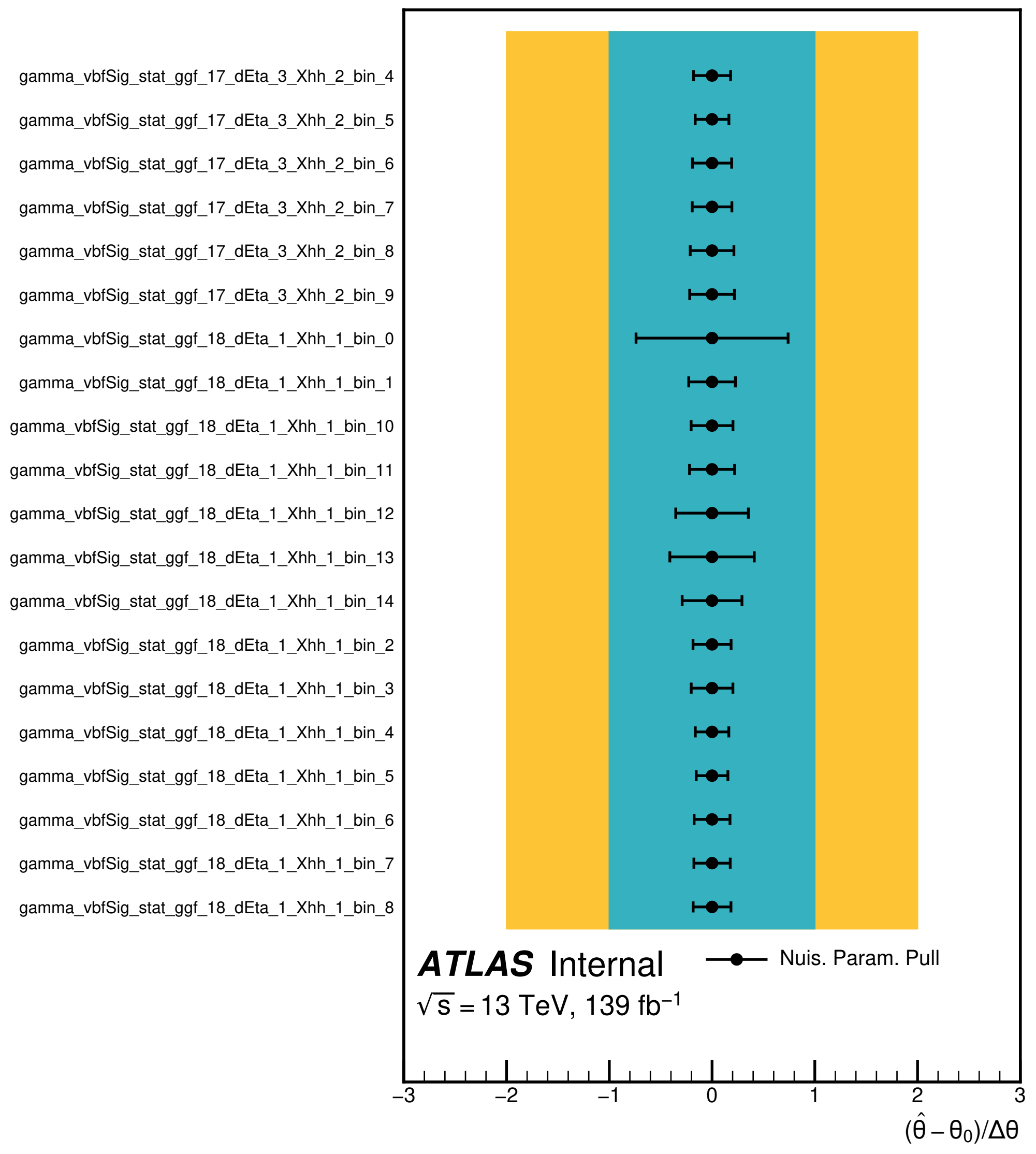


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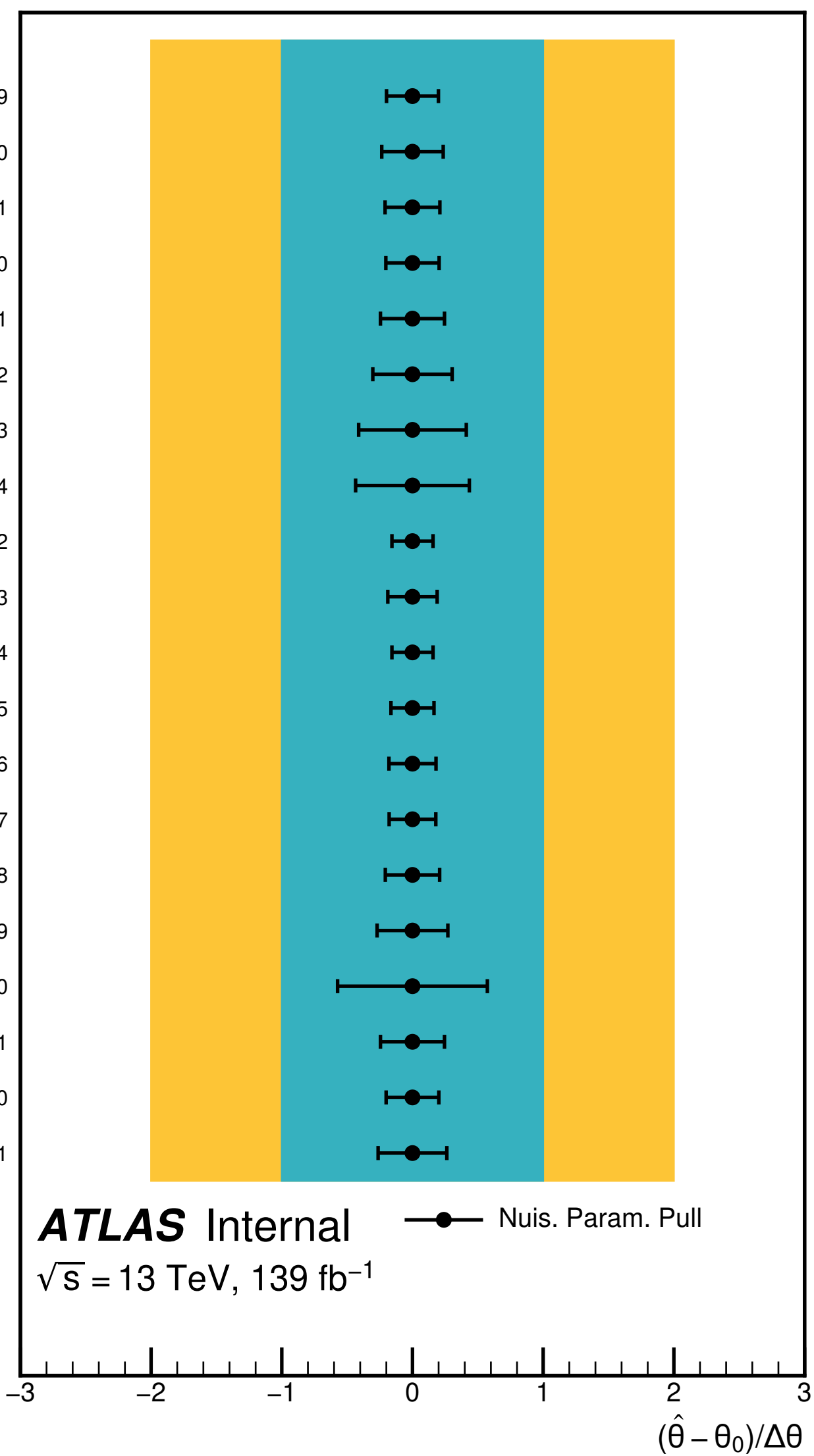


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gamma\_vbfSig\_stat\_ggf\_17\_dEta\_3\_Xhh\_2\_bin\_12  
gamma\_vbfSig\_stat\_ggf\_17\_dEta\_3\_Xhh\_2\_bin\_13  
gamma\_vbfSig\_stat\_ggf\_17\_dEta\_3\_Xhh\_2\_bin\_14  
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gamma\_vbfSig\_stat\_ggf\_17\_dEta\_3\_Xhh\_2\_bin\_3

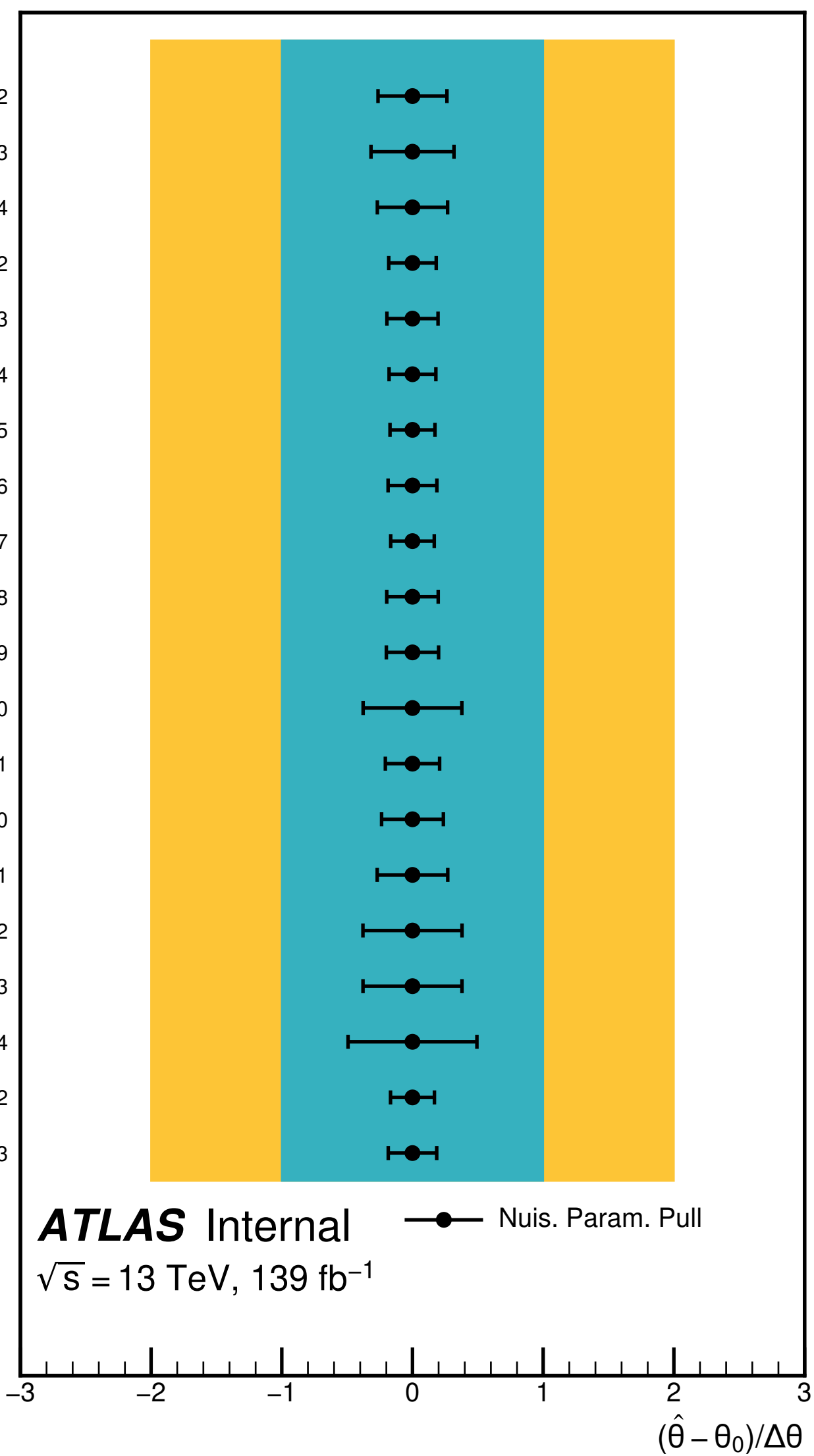


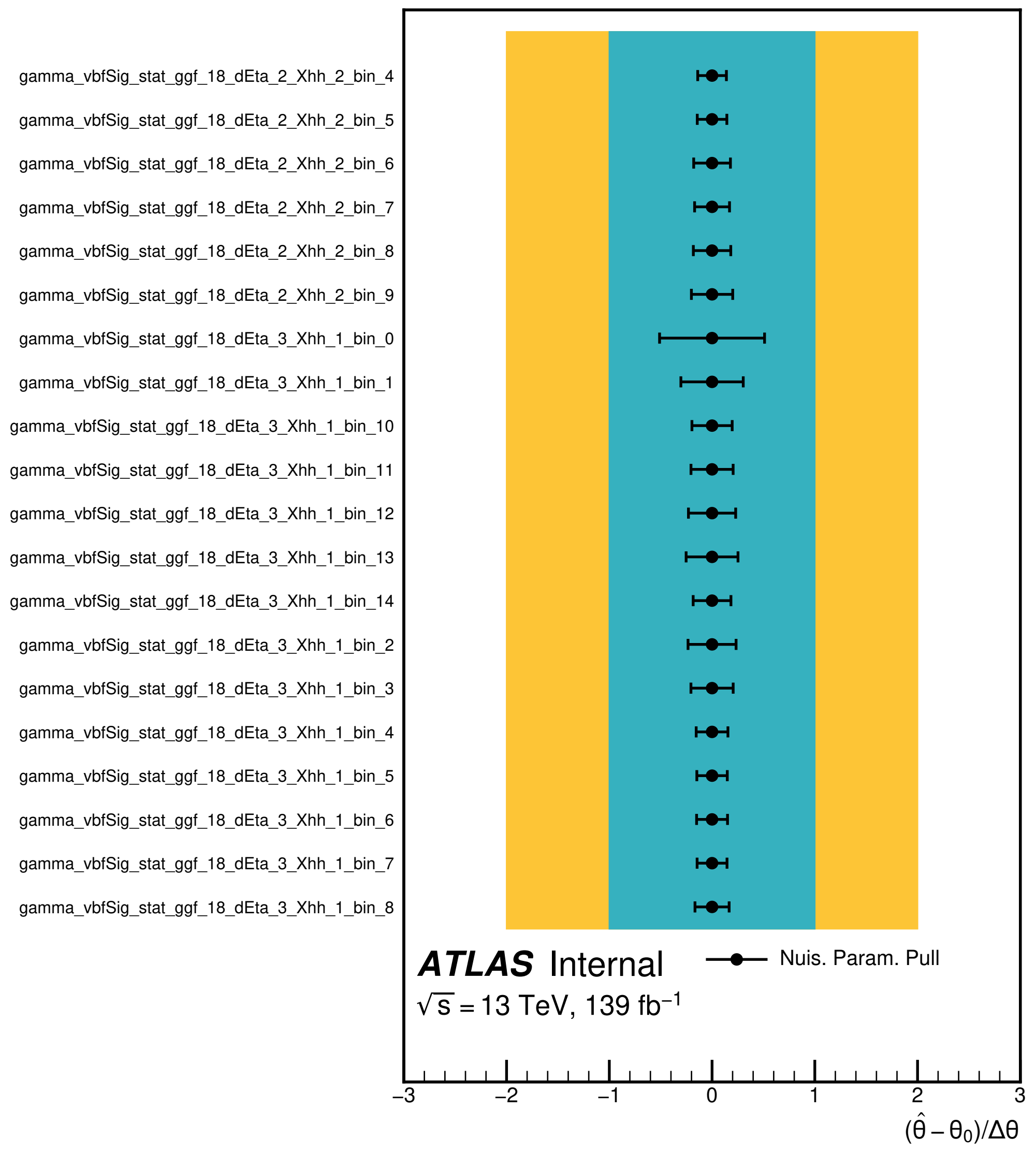


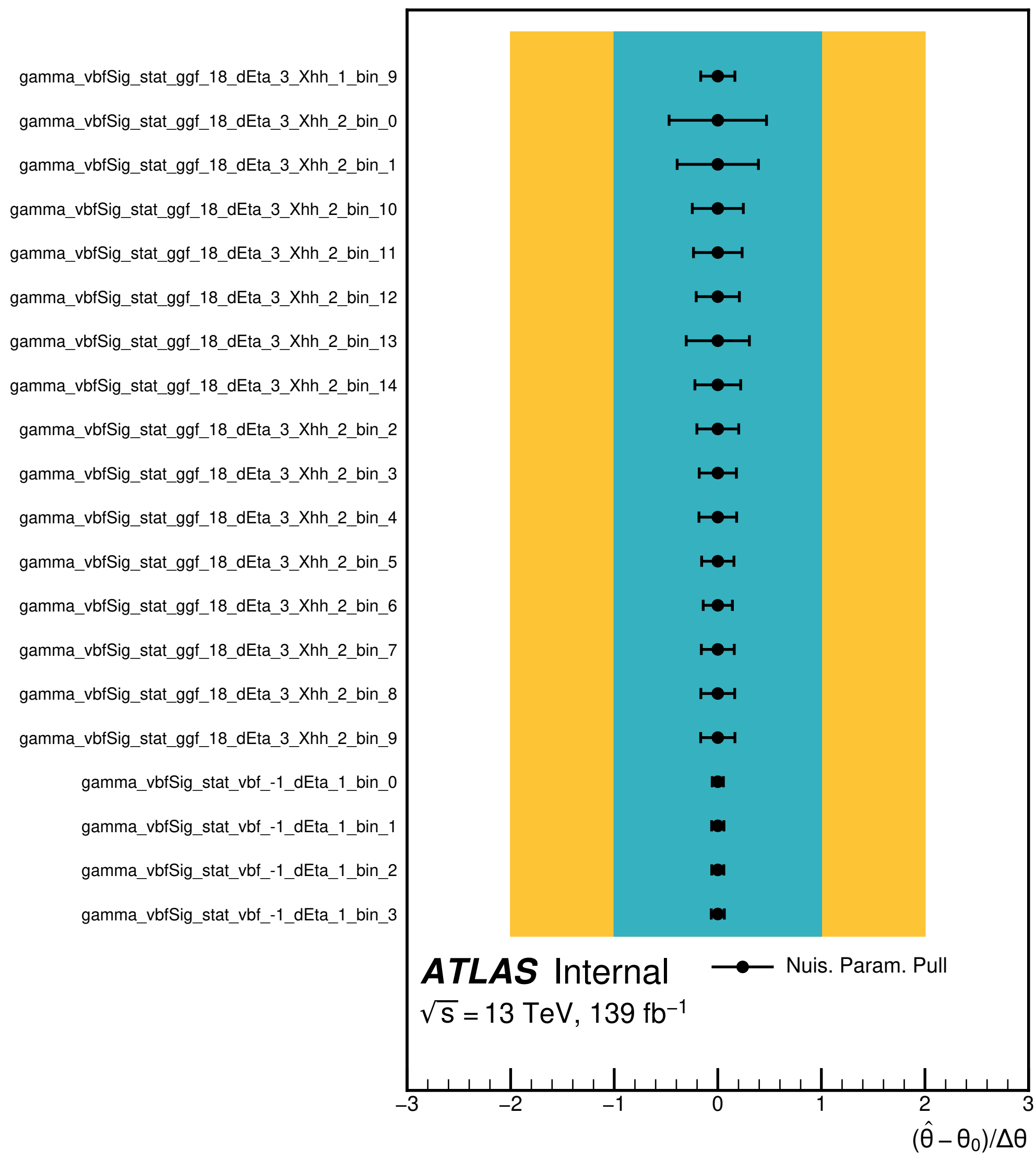
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gamma\_vbfSig\_stat\_ggf\_18\_dEta\_1\_Xhh\_2\_bin\_11  
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gamma\_vbfSig\_stat\_ggf\_18\_dEta\_1\_Xhh\_2\_bin\_2  
gamma\_vbfSig\_stat\_ggf\_18\_dEta\_1\_Xhh\_2\_bin\_3  
gamma\_vbfSig\_stat\_ggf\_18\_dEta\_1\_Xhh\_2\_bin\_4  
gamma\_vbfSig\_stat\_ggf\_18\_dEta\_1\_Xhh\_2\_bin\_5  
gamma\_vbfSig\_stat\_ggf\_18\_dEta\_1\_Xhh\_2\_bin\_6  
gamma\_vbfSig\_stat\_ggf\_18\_dEta\_1\_Xhh\_2\_bin\_7  
gamma\_vbfSig\_stat\_ggf\_18\_dEta\_1\_Xhh\_2\_bin\_8  
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gamma\_vbfSig\_stat\_ggf\_18\_dEta\_2\_Xhh\_1\_bin\_1  
gamma\_vbfSig\_stat\_ggf\_18\_dEta\_2\_Xhh\_1\_bin\_10  
gamma\_vbfSig\_stat\_ggf\_18\_dEta\_2\_Xhh\_1\_bin\_11



gamma\_vbfSig\_stat\_ggf\_18\_dEta\_2\_Xhh\_1\_bin\_12  
gamma\_vbfSig\_stat\_ggf\_18\_dEta\_2\_Xhh\_1\_bin\_13  
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gamma\_vbfSig\_stat\_ggf\_18\_dEta\_2\_Xhh\_2\_bin\_14  
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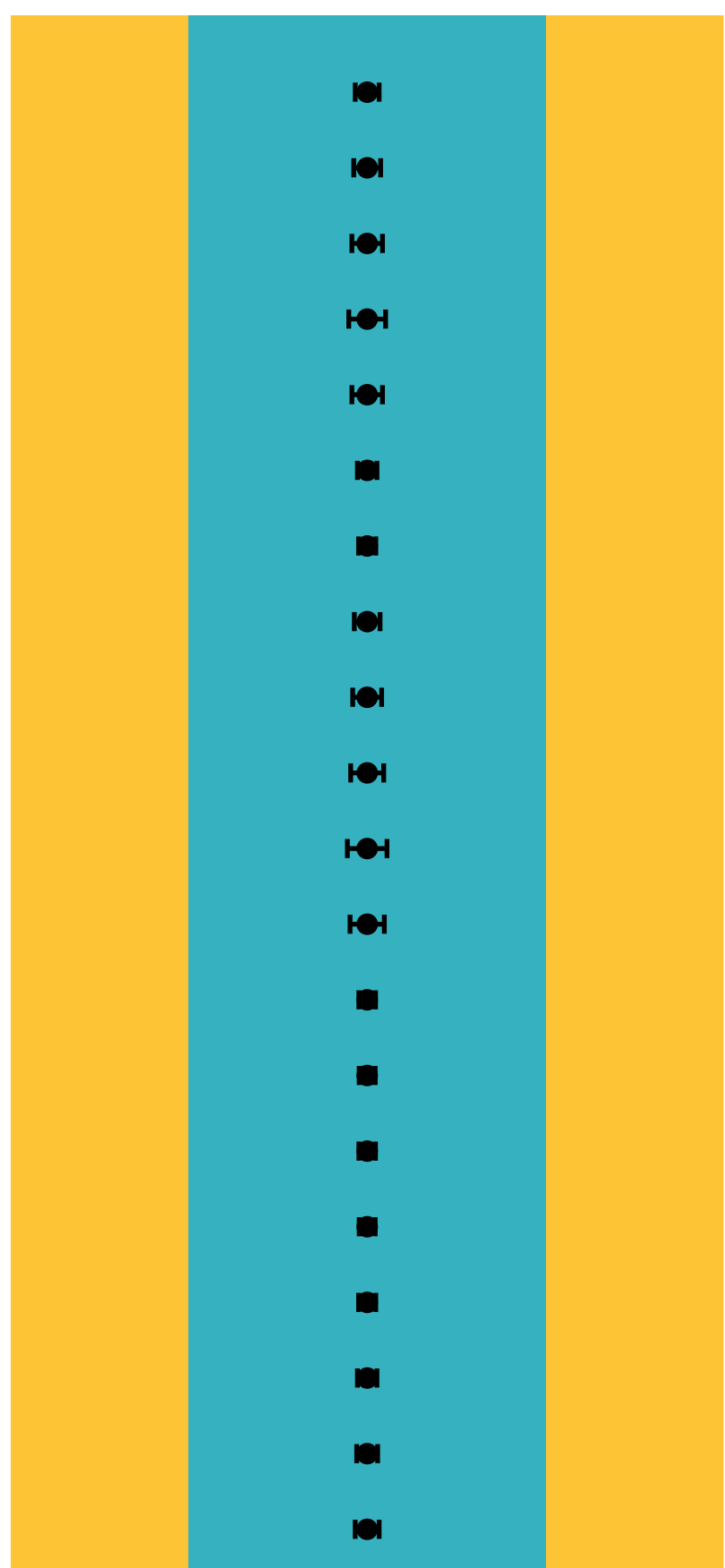








gamma\_vbfSig\_stat\_vbf\_-1\_dEta\_1\_bin\_4  
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gamma\_vbfSig\_stat\_vbf\_-1\_dEta\_1\_bin\_6  
gamma\_vbfSig\_stat\_vbf\_-1\_dEta\_1\_bin\_7  
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gamma\_vbfSig\_stat\_vbf\_-1\_dEta\_2\_bin\_7  
gamma\_vbfSig\_stat\_vbf\_-1\_dEta\_2\_bin\_8  
gamma\_vbfSig\_stat\_vbf\_-1\_dEta\_2\_bin\_9



**ATLAS** Internal      —●— Nuis. Param. Pull

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

