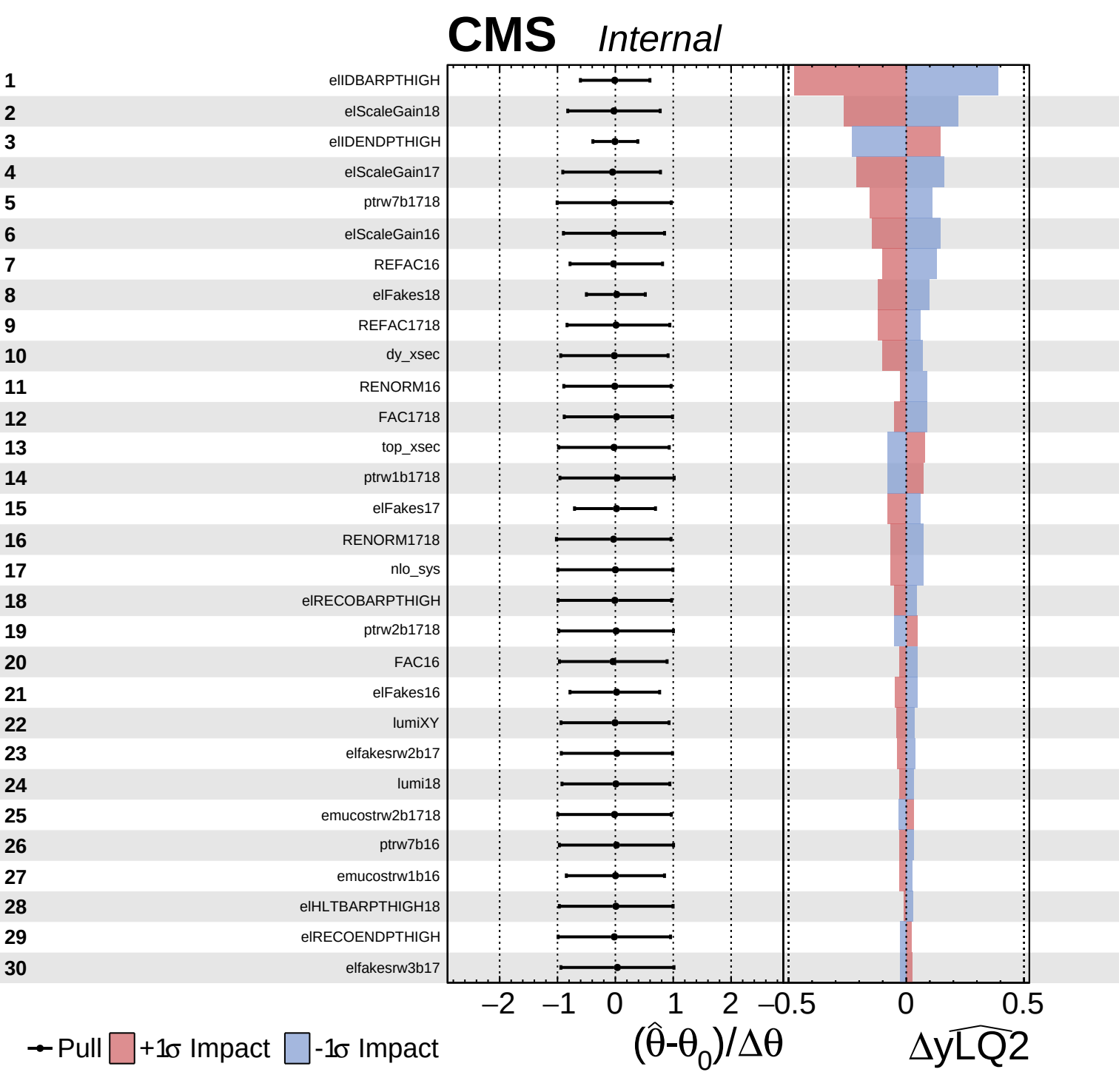
CMS Internal
1 elIDBARPTHIGH
2 elScaleGain18
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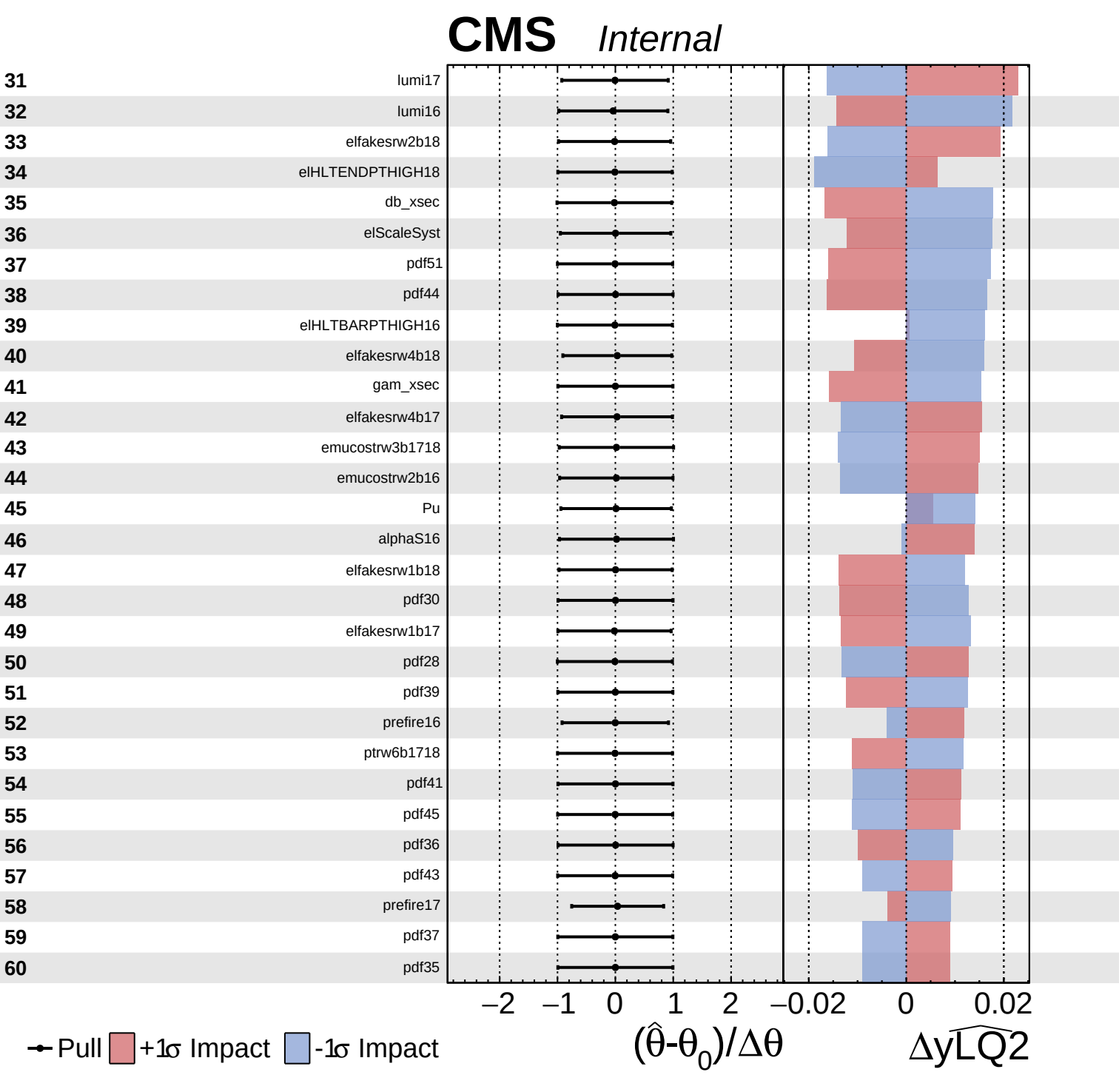
4 elScaleGain17
5 ptrw7b1718
6 elScaleGain16
7 REFAC16
8 elFakes18
9 REFAC1718
10 dy_xsec
11 RENORM16
12 FAC1718
13 top_xsec
14 ptrw1b1718
15 elFakes17
16 RENORM1718
17 nlo_sys
18 elRECOBARPTHIGH
19 ptrw2b1718
20 FAC16
21 elFakes16
22 lumiXY
23 elfakesrw2b17
24 lumi18
25 emucostrw2b1718
26 ptrw7b16
27 emucostrw1b16
28 elHLTBARPTHIGH18
29 elRECOENDPTHIGH
30 elfakesrw3b17
−2 −1 0 1 2
−0.5 0 0.5
Pull +1σ Impact -1σ Impact
$(\hat{\theta}-\theta_0)/\Delta\theta$
$\Delta\widehat{yLQ2}$


CMS Internal
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32 lumi16
33 elfakesrw2b18
34 elHLTENDPTHIGH18
35 db_xsec
36 elScaleSyst
37 pdf51
38 pdf44
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40 elfakesrw4b18
41 gam_xsec
42 elfakesrw4b17
43 emucostrw3b1718
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46 alphaS16
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54 pdf41
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56 pdf36
57 pdf43
58 prefire17
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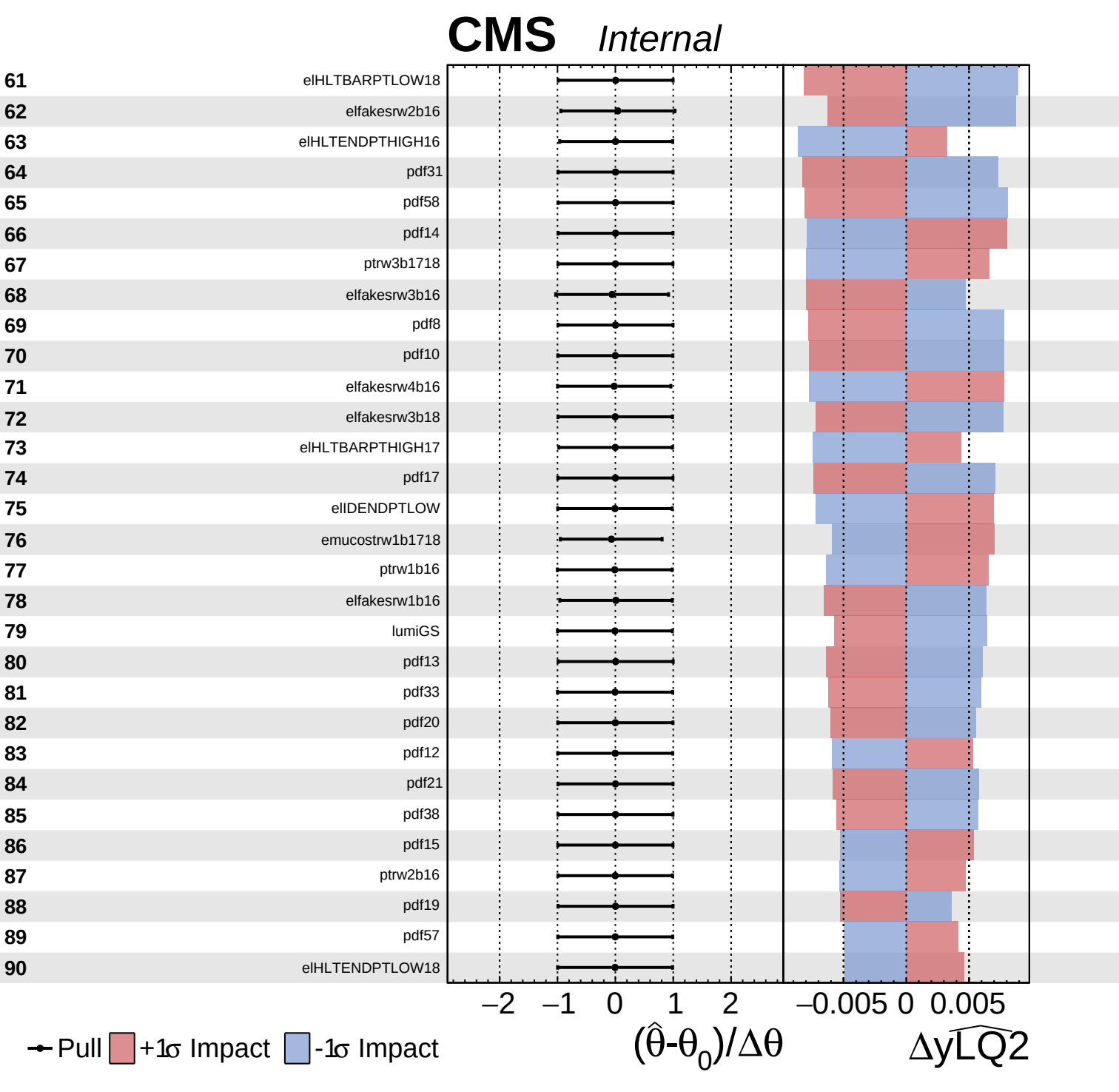
−2 −1 0 1 2
−0.02 0 0.02
Pull
+1σ Impact
-1σ Impact
(θ̂-θ0)/Δθ
ΔyLQ2


CMS Internal
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63 elHLTENDPTHIGH16
64 pdf31
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74 pdf17
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77 ptrw1b16
78 elfakesrw1b16
79 lumiGS
80 pdf13
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82 pdf20
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84 pdf21
85 pdf38
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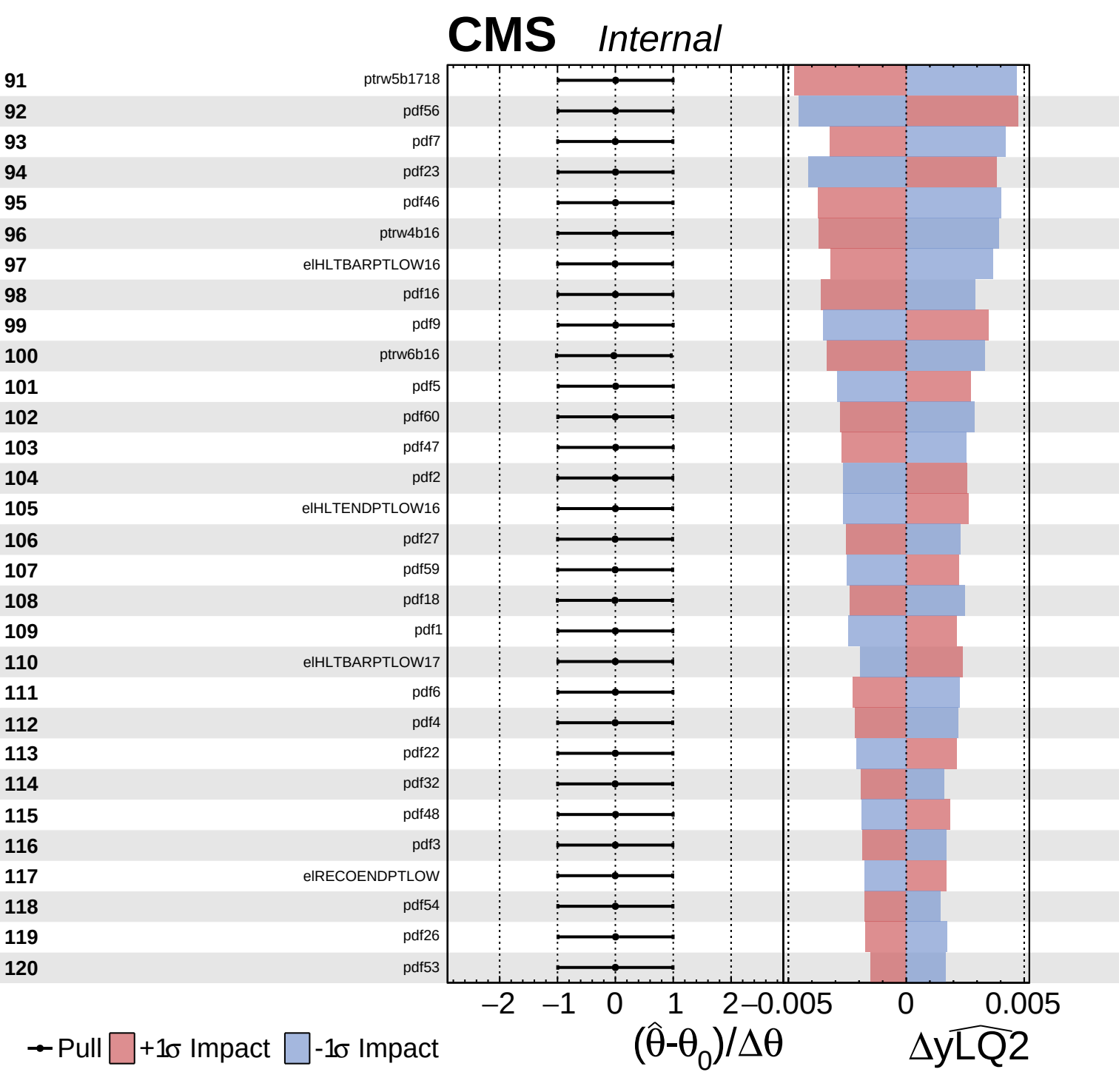
87 ptrw2b16
88 pdf19
89 pdf57
90 elHLTENDPTLOW18
−2 −1 0 1 2
(θ̂-θ0)/Δθ
−0.005 0 0.005
ΔyLQ2
Pull
+1σ Impact
-1σ Impact


CMS Internal
91 ptrw5b1718
92 pdf56
93 pdf7
94 pdf23
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113 pdf22
114 pdf32
115 pdf48
116 pdf3
117 elRECOENDPTLOW
118 pdf54
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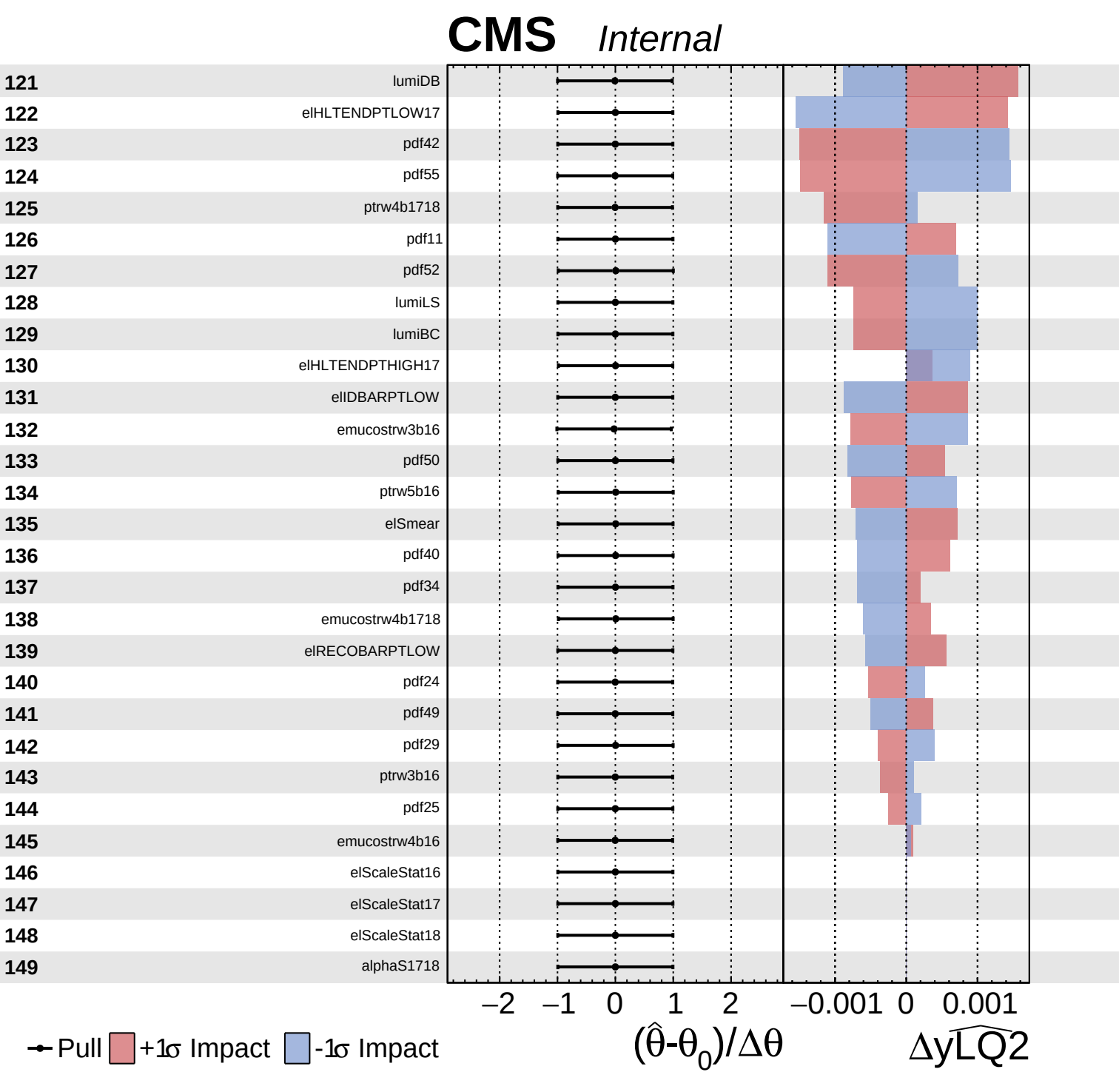
120 pdf53
−2 −1 0 1 2
−0.005 0 0.005
Pull
+1σ Impact
-1σ Impact
(θ̂-θ0)/Δθ
ΔyLQ2


CMS Internal
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145 emucostrw4b16
146 elScaleStat16
147 elScaleStat17
148 elScaleStat18
149 alphaS1718
−2 −1 0 1 2
(θ̂-θ0)/Δθ
−0.001 0 0.001
ΔyLQ2
Pull
+1σ Impact
-1σ Impact