

$\kappa_Z - 1$

-0.005
-0.010
-0.015
-0.020
-0.025
-0.030
-0.035

 $\Delta\chi^2$

12
11
10
9
8
7
6
5



HS BFP ($\Delta\chi^2 = 4.23$)
($\kappa_\lambda = 1.74$, $\kappa_Z - 1 = -0.00233$)

14048 Points



HS 68.3% CL



HS 95.4% CL



HS 99.7% CL

$\kappa_\lambda^{\text{Exp}}(\text{HL-LHC}) = 2 \pm 0.25$

Inert Doublet Model

0

2

4

6

8

10

 κ_λ