

$\kappa_Z - 1$

0.08

0.06

0.04

0.02

0.00

0

2

4

6

8

10

 κ_λ

★ HS BFP ($\Delta\chi^2 = 13.9$)
($\kappa_\lambda = 2$, $\kappa_Z - 1 = 0.00516$)

— HS 68.3% CL

- - HS 95.4% CL

... HS 99.7% CL

14048 Points
 $\kappa_\lambda^{\text{Exp}}(\text{HL-LHC}) = 2 \pm 0.01$
Inert Doublet Model

 $\Delta\chi^2$

12

11

