
 σ and B ratio parameterisation

Coupling modifier ratio parameterisation

$$\sigma(gg \rightarrow H \rightarrow ZZ)$$

$$\sigma_{\text{VBF}} / \sigma_{ggF}$$

$$\sigma_{WH} / \sigma_{ggF}$$

$$\sigma_{ZH} / \sigma_{ggF}$$

$$\sigma_{tH} / \sigma_{ggF}$$

$$B^{WW} / B^{ZZ}$$

$$B^{\gamma\gamma} / B^{ZZ}$$

$$B^{\tau\tau} / B^{ZZ}$$

$$B^{bb} / B^{ZZ}$$

$$\kappa_{gZ} = \kappa_g \cdot \kappa_Z / \kappa_H$$

$$\lambda_{Zg} = \kappa_Z / \kappa_g$$

$$\lambda_{tg} = \kappa_t / \kappa_g$$

$$\lambda_{WZ} = \kappa_W / \kappa_Z$$

$$\lambda_{\gamma Z} = \kappa_\gamma / \kappa_Z$$

$$\lambda_{\tau Z} = \kappa_\tau / \kappa_Z$$

$$\lambda_{bZ} = \kappa_b / \kappa_Z$$
