

Bin	$\sigma/\sigma_{\text{SM}}$ scaling
QQ2HLL_PTV_0_75	$1 + 0.079 c_{\text{HB}} + 0.121 c_{\text{H}\square} - 0.093 c_{\text{Hd}} + 0.016 c_{\text{HD}} - 0.024 c_{\text{He}} + 0.015 c_{\text{Hq}}^{(1)} + 1.019 c_{\text{Hq}}^{(3)} - 0.030 c_{\text{HI}}^{(1)} - 0.156 c_{\text{HI}}^{(3)} + 0.001 c_{\text{HQ}}^{(1)} + 0.001 c_{\text{HQ}}^{(3)} + 0.212 c_{\text{Hu}} + 0.658 c_{\text{HW}} + 0.267 c_{\text{HWB}} + 0.121 c'_{\text{ll}}$
QQ2HLL_PTV_75_150	$1 + 0.087 c_{\text{HB}} + 0.121 c_{\text{H}\square} - 0.003 c_{\text{Hb}} - 0.138 c_{\text{Hd}} + 0.016 c_{\text{HD}} - 0.025 c_{\text{He}} - 0.018 c_{\text{Hq}}^{(1)} + 1.700 c_{\text{Hq}}^{(3)} - 0.028 c_{\text{HI}}^{(1)} - 0.154 c_{\text{HI}}^{(3)} + 0.010 c_{\text{HQ}}^{(1)} + 0.010 c_{\text{HQ}}^{(3)} + 0.361 c_{\text{Hu}} + 0.774 c_{\text{HW}} + 0.303 c_{\text{HWB}} + 0.120 c'_{\text{ll}}$
QQ2HLL_PTV_150_250_0J	$1 + 0.091 c_{\text{HB}} + 0.121 c_{\text{H}\square} + 0.002 c_{\text{Hb}} - 0.306 c_{\text{Hd}} + 0.019 c_{\text{HD}} - 0.022 c_{\text{He}} - 0.115 c_{\text{Hq}}^{(1)} + 3.565 c_{\text{Hq}}^{(3)} - 0.027 c_{\text{HI}}^{(1)} - 0.151 c_{\text{HI}}^{(3)} + 0.015 c_{\text{HQ}}^{(1)} + 0.015 c_{\text{HQ}}^{(3)} + 0.810 c_{\text{Hu}} + 0.891 c_{\text{HW}} + 0.344 c_{\text{HWB}} + 0.120 c'_{\text{ll}}$
QQ2HLL_PTV_150_250_GE1J	$1 + 0.089 c_{\text{HB}} + 0.121 c_{\text{H}\square} - 0.011 c_{\text{Hb}} - 0.247 c_{\text{Hd}} + 0.019 c_{\text{HD}} - 0.023 c_{\text{He}} - 0.207 c_{\text{Hq}}^{(1)} + 3.093 c_{\text{Hq}}^{(3)} - 0.026 c_{\text{HI}}^{(1)} - 0.151 c_{\text{HI}}^{(3)} + 0.055 c_{\text{HQ}}^{(1)} + 0.055 c_{\text{HQ}}^{(3)} + 0.692 c_{\text{Hu}} + 0.869 c_{\text{HW}} + 0.341 c_{\text{HWB}} + 0.120 c'_{\text{ll}}$
QQ2HLL_PTV_GT250	$1 + 0.123 c_{\text{HB}} + 0.121 c_{\text{H}\square} - 0.021 c_{\text{Hb}} - 0.619 c_{\text{Hd}} + 0.013 c_{\text{HD}} - 0.024 c_{\text{He}} - 1.156 c_{\text{Hq}}^{(1)} + 9.630 c_{\text{Hq}}^{(3)} - 0.028 c_{\text{HI}}^{(1)} - 0.154 c_{\text{HI}}^{(3)} + 0.062 c_{\text{HQ}}^{(1)} + 0.062 c_{\text{HQ}}^{(3)} + 2.753 c_{\text{Hu}} + 0.903 c_{\text{HW}} + 0.375 c_{\text{HWB}} + 0.122 c'_{\text{ll}}$
GG2HLL_PTV_0_75	$1 + 0.002 \text{Re}(c_{\text{bW}}) + 0.121 c_{\text{H}\square} + 0.002 c_{\text{Hb}} + 0.005 c_{\text{Hd}} + 0.014 c_{\text{HD}} - 0.096 c_{\text{He}} - 0.323 c_{\text{HG}} - 0.006 c_{\text{Hq}}^{(1)} - 0.077 c_{\text{Hq}}^{(3)} + 0.144 c_{\text{HI}}^{(1)} - 0.147 c_{\text{HI}}^{(3)} + 0.018 c_{\text{HQ}}^{(1)} - 0.060 c_{\text{HQ}}^{(3)} - 0.039 c_{\text{Ht}} - 0.016 c_{\text{Hu}} - 0.006 c_{\text{HWB}} + 0.121 c'_{\text{ll}} - 0.220 \text{Re}(c_{\text{tG}}) + 0.040 \text{Re}(c_{\text{tH}})$
GG2HLL_PTV_75_150	$1 + 0.002 \text{Re}(c_{\text{bW}}) + 0.121 c_{\text{H}\square} + 0.002 c_{\text{Hb}} + 0.005 c_{\text{Hd}} + 0.017 c_{\text{HD}} - 0.096 c_{\text{He}} - 0.360 c_{\text{HG}} - 0.006 c_{\text{Hq}}^{(1)} - 0.077 c_{\text{Hq}}^{(3)} + 0.144 c_{\text{HI}}^{(1)} - 0.147 c_{\text{HI}}^{(3)} + 0.025 c_{\text{HQ}}^{(1)} - 0.067 c_{\text{HQ}}^{(3)} - 0.046 c_{\text{Ht}} - 0.016 c_{\text{Hu}} - 0.006 c_{\text{HWB}} + 0.121 c'_{\text{ll}} - 0.267 \text{Re}(c_{\text{tG}}) + 0.046 \text{Re}(c_{\text{tH}})$
GG2HLL_PTV_150_250_0J	$1 + 0.002 \text{Re}(c_{\text{bW}}) + 0.121 c_{\text{H}\square} + 0.002 c_{\text{Hb}} + 0.006 c_{\text{Hd}} + 0.037 c_{\text{HD}} - 0.096 c_{\text{He}} - 0.348 c_{\text{HG}} - 0.006 c_{\text{Hq}}^{(1)} - 0.077 c_{\text{Hq}}^{(3)} + 0.144 c_{\text{HI}}^{(1)} - 0.147 c_{\text{HI}}^{(3)} + 0.064 c_{\text{HQ}}^{(1)} - 0.107 c_{\text{HQ}}^{(3)} - 0.085 c_{\text{Ht}} - 0.016 c_{\text{Hu}} - 0.006 c_{\text{HWB}} + 0.121 c'_{\text{ll}} - 0.371 \text{Re}(c_{\text{tG}}) + 0.086 \text{Re}(c_{\text{tH}})$
GG2HLL_PTV_150_250_GE1J	$1 + 0.002 \text{Re}(c_{\text{bW}}) + 0.121 c_{\text{H}\square} + 0.002 c_{\text{Hb}} + 0.006 c_{\text{Hd}} + 0.032 c_{\text{HD}} - 0.096 c_{\text{He}} - 0.348 c_{\text{HG}} - 0.006 c_{\text{Hq}}^{(1)} - 0.077 c_{\text{Hq}}^{(3)} + 0.144 c_{\text{HI}}^{(1)} - 0.147 c_{\text{HI}}^{(3)} + 0.054 c_{\text{HQ}}^{(1)} - 0.096 c_{\text{HQ}}^{(3)} - 0.075 c_{\text{Ht}} - 0.016 c_{\text{Hu}} - 0.006 c_{\text{HWB}} + 0.121 c'_{\text{ll}} - 0.343 \text{Re}(c_{\text{tG}}) + 0.075 \text{Re}(c_{\text{tH}})$
GG2HLL_PTV_GT250	$1 + 0.002 \text{Re}(c_{\text{bW}}) + 0.121 c_{\text{H}\square} + 0.002 c_{\text{Hb}} + 0.006 c_{\text{Hd}} + 0.071 c_{\text{HD}} - 0.096 c_{\text{He}} - 0.290 c_{\text{HG}} - 0.007 c_{\text{Hq}}^{(1)} - 0.077 c_{\text{Hq}}^{(3)} + 0.144 c_{\text{HI}}^{(1)} - 0.147 c_{\text{HI}}^{(3)} + 0.132 c_{\text{HQ}}^{(1)} - 0.174 c_{\text{HQ}}^{(3)} - 0.153 c_{\text{Ht}} - 0.016 c_{\text{Hu}} - 0.006 c_{\text{HWB}} + 0.121 c'_{\text{ll}} - 0.496 \text{Re}(c_{\text{tG}}) + 0.154 \text{Re}(c_{\text{tH}})$