1 By process

1.1 $HH \rightarrow W^+W^-\gamma$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl3	$-2.296 \cdot 10^{-6}$	$-2.296 \cdot 10^{-6}$	0	$2.088 \cdot 10^{-7}$	$2.088 \cdot 10^{-7}$	0
cll1	$1.148 \cdot 10^{-6}$	$1.148 \cdot 10^{-6}$	0	$5.219 \cdot 10^{-8}$	$5.219 \cdot 10^{-8}$	0
sm	0	0	0	$6.311 \cdot 10^{-6}$	$6.311 \cdot 10^{-6}$	0

1.2 $HH \rightarrow W^+e^-\bar{\nu}_e$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl3	$2.22 \cdot 10^{-7}$	$2.22 \cdot 10^{-7}$	0	$2.258 \cdot 10^{-7}$	$2.258 \cdot 10^{-7}$	0
cll1	$9.924 \cdot 10^{-9}$	$9.924 \cdot 10^{-9}$	0	$4.512 \cdot 10^{-10}$	$4.512 \cdot 10^{-10}$	0
sm	0	0	0	$5.457 \cdot 10^{-8}$	$5.457 \cdot 10^{-8}$	0

1.3 $HH \rightarrow z\nu_e\bar{\nu}_e$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl1	$-6.983 \cdot 10^{-6}$	$-6.983 \cdot 10^{-6}$	0	$1.95 \cdot 10^{-5}$	$1.95 \cdot 10^{-5}$	0
cHl3	$6.756 \cdot 10^{-6}$	$6.756 \cdot 10^{-6}$	0	$1.825 \cdot 10^{-5}$	$1.825 \cdot 10^{-5}$	0
cll1	$1.137 \cdot 10^{-7}$	$1.137 \cdot 10^{-7}$	0	$5.17 \cdot 10^{-9}$	$5.17 \cdot 10^{-9}$	0
sm	0	0	0	$6.252 \cdot 10^{-7}$	$6.252 \cdot 10^{-7}$	0

1.4 $HH \rightarrow ze^+e^-$

	interference			square		
	mod1	mod2	$1 - \text{mod2/mod1}$	mod1	mod2	$1 - \text{mod2/mod1}$
cHe	$-1.412 \cdot 10^{-6}$	$-1.412 \cdot 10^{-6}$	0	$1.83 \cdot 10^{-7}$	$1.83 \cdot 10^{-7}$	0
cHl1	$1.612 \cdot 10^{-6}$	$1.612 \cdot 10^{-6}$	0	$1.833 \cdot 10^{-7}$	$1.833 \cdot 10^{-7}$	0
cHl3	$-6.689 \cdot 10^{-7}$	$-6.689 \cdot 10^{-7}$	0	$9.753 \cdot 10^{-8}$	$9.753 \cdot 10^{-8}$	0
cll1	$1.14 \cdot 10^{-6}$	$1.14 \cdot 10^{-6}$	0	$5.185 \cdot 10^{-8}$	$5.185 \cdot 10^{-8}$	0
sm	0	0	0	$6.27 \cdot 10^{-6}$	$6.27 \cdot 10^{-6}$	0

1.5 $HW^- \rightarrow \bar{t}b$

	interference			square		
	mod1	mod2	$1 - \text{mod2/mod1}$	mod1	mod2	$1 - \text{mod2/mod1}$
cHl3	-2.184	-2.184	0	0.1324	0.1324	0
cll1	1.092	1.092	0	0.0331	0.0331	0
sm	0	0	0	9.005	9.005	0

1.6 $HW^- \rightarrow \gamma e^- \bar{\nu}_e$

	interference			square		
	mod1	mod2	$1 - \text{mod2/mod1}$	mod1	mod2	$1 - \text{mod2/mod1}$
cHl3	$5.082 \cdot 10^{-8}$	$5.082 \cdot 10^{-8}$	0	$1.731 \cdot 10^{-7}$	$1.731 \cdot 10^{-7}$	0
cll1	$6.979 \cdot 10^{-10}$	$6.979 \cdot 10^{-10}$	0	$3.173 \cdot 10^{-11}$	$3.173 \cdot 10^{-11}$	0
sm	0	0	0	$3.837 \cdot 10^{-9}$	$3.837 \cdot 10^{-9}$	0

1.7 $HW^- \rightarrow \mu^- \bar{\nu}_\mu$

	interference			square		
	mod1	mod2	$1 - \text{mod2/mod1}$	mod1	mod2	$1 - \text{mod2/mod1}$

	mod1	mod2	$1-\text{mod2}/\text{mod1}$		mod1	mod2	$1-\text{mod2}/\text{mod1}$
cHl3	0.0188	0.0188	0		0.08828	0.08828	0
cll1	0.0001213	0.0001213	0		$3.677 \cdot 10^{-6}$	$3.677 \cdot 10^{-6}$	0
sm	0	0	0		0.001001	0.001001	0

1.8 $Hz \to \mu^+ \mu^-$

	interference				square		
	mod1	mod2	$1-\text{mod2}/\text{mod1}$		mod1	mod2	$1-\text{mod2}/\text{mod1}$
cHe	-0.04193	-0.04193	0		0.327	0.327	0
cHl1	0.04778	0.04778	0		0.327	0.327	0
cHl3	0.04703	0.04703	0		0.3213	0.3213	0
cll1	0.0003745	0.0003745	0		$1.135 \cdot 10^{-5}$	$1.135 \cdot 10^{-5}$	0
sm	0	0	0		0.003089	0.003089	0

1.9 $Hz \to \nu_\tau \bar{\nu}_\tau$

	interference				square		
	mod1	mod2	$1-\text{mod2}/\text{mod1}$		mod1	mod2	$1-\text{mod2}/\text{mod1}$
cHl1	-0.09543	-0.09543	0		0.3479	0.3479	0
cHl3	0.09384	0.09384	0		0.3364	0.3364	0
cll1	0.0007935	0.0007935	0		$2.405 \cdot 10^{-5}$	$2.405 \cdot 10^{-5}$	0
sm	0	0	0		0.006544	0.006544	0

1.10 $W^+ W^- \to W^+ W^-$

	interference				square		
	mod1	mod2	$1-\text{mod2}/\text{mod1}$		mod1	mod2	$1-\text{mod2}/\text{mod1}$
cHl3	-1.197	-1.197	0		0.07257	0.07257	0
cll1	0.5985	0.5985	0		0.01814	0.01814	0

sm	0	0	0	4.936	4.936	0

1.11 $W^+W^- \to \gamma\gamma$

		interference			square	
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl3	-3.837	-3.837	0	0.2326	0.2326	0
cll1	1.918	1.918	0	0.05815	0.05815	0
sm	0	0	0	15.82	15.82	0

1.12 $W^+W^- \to \gamma\gamma\gamma$

		interference			square	
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl3	$-4.468 \cdot 10^{-7}$	$-4.468 \cdot 10^{-7}$	0	$4.063 \cdot 10^{-8}$	$4.063 \cdot 10^{-8}$	0
cll1	$2.234 \cdot 10^{-7}$	$2.234 \cdot 10^{-7}$	0	$1.016 \cdot 10^{-8}$	$1.016 \cdot 10^{-8}$	0
sm	0	0	0	$1.228 \cdot 10^{-6}$	$1.228 \cdot 10^{-6}$	0

1.13 $\bar{b}t \to \bar{d}u$

		interference			square	
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl3	-0.004169	-0.004169	0	0.0002527	0.0002527	0
cll1	0.002085	0.002085	0	$6.319 \cdot 10^{-5}$	$6.319 \cdot 10^{-5}$	0
sm	0	0	0	0.01719	0.01719	0

1.14 $\gamma W^+ \to zW^+$

	interference				square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$		mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl3	-0.09129	-0.09129	0		0.005534	0.005534	0
cll1	0.04565	0.04565	0		0.001384	0.001384	0
sm	0	0	0		0.3765	0.3765	0

1.15 $\mu^+\mu^- \to \tau^+\tau^-$

	interference				square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$		mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHe	$6.647 \cdot 10^{-5}$	$6.647 \cdot 10^{-5}$	0		$2.42 \cdot 10^{-5}$	$2.42 \cdot 10^{-5}$	0
cHl1	$5.589 \cdot 10^{-5}$	$5.589 \cdot 10^{-5}$	0		$2.402 \cdot 10^{-5}$	$2.402 \cdot 10^{-5}$	0
cHl3	-0.002062	-0.002062	0		0.0001457	0.0001457	0
cll	0.09122	0.09122	0		0.6635	0.6635	0
cll1	0.09228	0.09228	0		0.6691	0.6691	0
sm	0	0	0		0.008735	0.008735	0

1.16 $\nu_\tau \bar{\nu}_\tau \to \nu_\tau \bar{\nu}_\tau$

	interference				square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$		mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl1	-0.0002577	-0.0002577	0		$1.562 \cdot 10^{-5}$	$1.562 \cdot 10^{-5}$	0
cHl3	0	$5.524 \cdot 10^{-20}$	∞		0	$7.641 \cdot 10^{-37}$	∞
cll	-0.1017	-0.1017	0		2.435	2.435	0
cll1	-0.1016	-0.1016	0		2.429	2.429	0
sm	0	0	0		0.001063	0.001063	0

1.17 $\nu_e \bar{\nu}_e \to \nu_\mu \bar{\nu}_\mu$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl1	-0.001175	-0.001175	0	$7.126 \cdot 10^{-5}$	$7.126 \cdot 10^{-5}$	0
cHl3	0	$3.581 \cdot 10^{-19}$	∞	0	$6.783 \cdot 10^{-36}$	∞
cll	0.1402	0.1402	0	1.014	1.014	0
cll1	0.1408	0.1408	0	1.022	1.022	0
sm	0	0	0	0.004847	0.004847	0

1.18 $b\bar{b} \rightarrow \mu^+ \mu^-$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHe	$-2.774 \cdot 10^{-5}$	$-2.774 \cdot 10^{-5}$	0	$1.124 \cdot 10^{-6}$	$1.124 \cdot 10^{-6}$	0
cHl1	0.000275	0.000275	0	$1.031 \cdot 10^{-5}$	$1.031 \cdot 10^{-5}$	0
cHl3	-0.0002684	-0.0002684	0	$9.909 \cdot 10^{-6}$	$9.909 \cdot 10^{-6}$	0
cQe	-0.000674	-0.000674	0	0.01544	0.01544	0
cQl1	0.03898	0.03898	0	0.2053	0.2053	0
cQl3	0.03898	0.03898	0	0.2053	0.2053	0
cll1	0.0002717	0.0002717	0	$8.236 \cdot 10^{-6}$	$8.236 \cdot 10^{-6}$	0
sm	0	0	0	0.002241	0.002241	0

1.19 $b\bar{b} \rightarrow \nu_e \bar{\nu}_e$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl1	$-2.785 \cdot 10^{-5}$	$-2.785 \cdot 10^{-5}$	0	$8.443 \cdot 10^{-7}$	$8.443 \cdot 10^{-7}$	0
cHl3	$-2.785 \cdot 10^{-5}$	$-2.785 \cdot 10^{-5}$	0	$8.443 \cdot 10^{-7}$	$8.443 \cdot 10^{-7}$	0
cQl1	-0.002079	-0.002079	0	0.008905	0.008905	0
cQl3	0.002079	0.002079	0	0.008905	0.008905	0

	mod1	mod2				
cll1	$2.785 \cdot 10^{-5}$	$2.785 \cdot 10^{-5}$	0	$8.443 \cdot 10^{-7}$	$8.443 \cdot 10^{-7}$	0
sm	0	0	0	0.0002297	0.0002297	0

1.20 $b\bar{t} \to e^- \bar{\nu}_e$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl3	-0.001292	-0.001292	0	$3.916 \cdot 10^{-5}$	$3.916 \cdot 10^{-5}$	0
cQl3	0.2015	0.2015	0	0.9523	0.9523	0
cll1	0.001292	0.001292	0	$3.916 \cdot 10^{-5}$	$3.916 \cdot 10^{-5}$	0
sm	0	0	0	0.01066	0.01066	0

1.21 $c\bar{c} \to \mu^+ \mu^-$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHe	$-3.645 \cdot 10^{-5}$	$-3.645 \cdot 10^{-5}$	0	$2.71 \cdot 10^{-6}$	$2.71 \cdot 10^{-6}$	0
cHl1	0.0001386	0.0001386	0	$4.161 \cdot 10^{-6}$	$4.161 \cdot 10^{-6}$	0
cHl3	-0.0004641	-0.0004641	0	$2.389 \cdot 10^{-5}$	$2.389 \cdot 10^{-5}$	0
cll1	0.0003013	0.0003013	0	$9.134 \cdot 10^{-6}$	$9.134 \cdot 10^{-6}$	0
sm	0	0	0	0.002485	0.002485	0

1.22 $c\bar{s} \to \tau^+ \nu_\tau$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl3	-0.0007443	-0.0007443	0	$2.256 \cdot 10^{-5}$	$2.256 \cdot 10^{-5}$	0
cll1	0.0007443	0.0007443	0	$2.256 \cdot 10^{-5}$	$2.256 \cdot 10^{-5}$	0
sm	0	0	0	0.006139	0.006139	0

1.23 $d\bar{d} \to e^+ e^-$

	interference				square		
	mod1	mod2	$1 - \text{mod2/mod1}$		mod1	mod2	$1 - \text{mod2/mod1}$
cHe	$-3.679 \cdot 10^{-5}$	$-3.679 \cdot 10^{-5}$	0		$4.729 \cdot 10^{-6}$	$4.729 \cdot 10^{-6}$	0
cHl1	$9.604 \cdot 10^{-5}$	$9.604 \cdot 10^{-5}$	0		$3.927 \cdot 10^{-6}$	$3.927 \cdot 10^{-6}$	0
cHl3	-0.0001226	-0.0001226	0		$5.537 \cdot 10^{-6}$	$5.537 \cdot 10^{-6}$	0
cll1	0.0001093	0.0001093	0		$3.314 \cdot 10^{-6}$	$3.314 \cdot 10^{-6}$	0
sm	0	0	0		0.0009016	0.0009016	0

1.24 $e^+ \nu_\mu \to e^+ \nu_\mu$

	interference				square		
	mod1	mod2	$1 - \text{mod2/mod1}$		mod1	mod2	$1 - \text{mod2/mod1}$
cHe	-0.1402	-0.1402	0		0.009096	0.009096	0
cHl1	-0.002173	-0.002173	0		0.003673	0.003673	0
cHl3	-0.002173	-0.002173	0		0.003673	0.003673	0
cll	2.844	2.844	0		3.394	3.394	0
cll1	0.1378	0.1378	0		0.004176	0.004176	0
sm	0	0	0		1.136	1.136	0

1.25 $e^+ \nu_e \to \mu^+ \nu_\mu$

	interference				square		
	mod1	mod2	$1 - \text{mod2/mod1}$		mod1	mod2	$1 - \text{mod2/mod1}$
cHl3	0	$1.468 \cdot 10^{-18}$	∞		0	$1.246 \cdot 10^{-35}$	∞
cll1	0.8236	0.8236	0		3.918	3.918	0
sm	0	0	0		0.04328	0.04328	0

1.26 $e^+\nu_e \to e^+\nu_e$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHe	-0.004585	-0.004585	0	0.0002973	0.0002973	0
cHl1	-0.0005232	-0.0005232	0	$8.293 \cdot 10^{-5}$	$8.293 \cdot 10^{-5}$	0
cHl3	-0.0005232	-0.0005232	0	$8.293 \cdot 10^{-5}$	$8.293 \cdot 10^{-5}$	0
cll	0.4019	0.4019	0	1.107	1.107	0
cll1	0.4085	0.4085	0	1.132	1.132	0
sm	0	0	0	0.05415	0.05415	0

1.27 $e^+\tau^- \to e^+\tau^-$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHe	0.001992	0.001992	0	$9.421 \cdot 10^{-5}$	$9.421 \cdot 10^{-5}$	0
cHl1	-0.001607	-0.001607	0	$7.916 \cdot 10^{-5}$	$7.916 \cdot 10^{-5}$	0
cHl3	-0.007716	-0.007716	0	0.0006443	0.0006443	0
cll	-0.07943	-0.07943	0	0.3978	0.3978	0
cll1	-0.07637	-0.07637	0	0.3931	0.3931	0
sm	0	0	0	0.02519	0.02519	0

1.28 $e^+e^- \to \mu^+\mu^-$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHe	0.001081	0.001081	0	$3.791 \cdot 10^{-5}$	$3.791 \cdot 10^{-5}$	0
cHl1	-0.0009483	-0.0009483	0	$2.922 \cdot 10^{-5}$	$2.922 \cdot 10^{-5}$	0
cHl3	-0.00283	-0.00283	0	0.0002582	0.0002582	0

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cll	0.0003604	0.0003604	0	0.002621	0.002621	0
cll1	0.001301	0.001301	0	0.002672	0.002672	0
sm	0	0	0	0.007758	0.007758	0

1.29 $e^+e^- \to e^+e^-$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHe	0.003784	0.003784	0	0.003712	0.003712	0
cHl1	0.01681	0.01681	0	0.003763	0.003763	0
cHl3	-0.3752	-0.3752	0	0.02549	0.02549	0
cll	-5.343	-5.343	0	12.06	12.06	0
cll1	-5.147	-5.147	0	11.74	11.74	0
sm	0	0	0	1.616	1.616	0

1.30 $s\bar{s} \to \nu_\tau \bar{\nu}_\tau$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl1	$-7.999 \cdot 10^{-5}$	$-7.999 \cdot 10^{-5}$	0	$2.425 \cdot 10^{-6}$	$2.425 \cdot 10^{-6}$	0
cHl3	$-7.999 \cdot 10^{-5}$	$-7.999 \cdot 10^{-5}$	0	$2.425 \cdot 10^{-6}$	$2.425 \cdot 10^{-6}$	0
cll1	$7.999 \cdot 10^{-5}$	$7.999 \cdot 10^{-5}$	0	$2.425 \cdot 10^{-6}$	$2.425 \cdot 10^{-6}$	0
sm	0	0	0	0.0006597	0.0006597	0

1.31 $t\bar{t} \to \nu_\mu \bar{\nu}_\mu$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$

	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl1	$-5.925 \cdot 10^{-5}$	$-5.925 \cdot 10^{-5}$	0	$1.796 \cdot 10^{-6}$	$1.796 \cdot 10^{-6}$	0
cHl3	$-5.925 \cdot 10^{-5}$	$-5.925 \cdot 10^{-5}$	0	$1.796 \cdot 10^{-6}$	$1.796 \cdot 10^{-6}$	0
cQl1	-0.0003087	-0.0003087	0	0.002842	0.002842	0
cQl3	-0.0003087	-0.0003087	0	0.002842	0.002842	0
cll1	$5.925 \cdot 10^{-5}$	$5.925 \cdot 10^{-5}$	0	$1.796 \cdot 10^{-6}$	$1.796 \cdot 10^{-6}$	0
ctl	-0.02336	-0.02336	0	0.2928	0.2928	0
sm	0	0	0	0.0004887	0.0004887	0

1.32 $t\bar{t} \to \tau^+\tau^-$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHe	$5.12 \cdot 10^{-5}$	$5.12 \cdot 10^{-5}$	0	$6.819 \cdot 10^{-6}$	$6.819 \cdot 10^{-6}$	0
cHl1	$-2.283 \cdot 10^{-5}$	$-2.283 \cdot 10^{-5}$	0	$1.755 \cdot 10^{-6}$	$1.755 \cdot 10^{-6}$	0
cHl3	-0.0002636	-0.0002636	0	$1.912 \cdot 10^{-5}$	$1.912 \cdot 10^{-5}$	0
cQe	-0.0105	-0.0105	0	0.2098	0.2098	0
cQl1	-0.005163	-0.005163	0	0.0186	0.0186	0
cQl3	0.005163	0.005163	0	0.0186	0.0186	0
cll1	0.0001204	0.0001204	0	$3.65 \cdot 10^{-6}$	$3.65 \cdot 10^{-6}$	0
cte	-0.003601	-0.003601	0	0.0186	0.0186	0
ctl	-0.02014	-0.02014	0	0.2098	0.2098	0
sm	0	0	0	0.000993	0.000993	0

1.33 $t\bar{t} \to t\bar{t}$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl3	0.09863	0.09863	0	0.0139	0.0139	0
cll1	-0.04932	-0.04932	0	0.003475	0.003475	0

sm	0	0	0	0.6164	0.6164	0

1.34 $u\bar{d} \to \mu^+ \nu_\mu$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl3	$-7.16 \cdot 10^{-5}$	$-7.16 \cdot 10^{-5}$	0	$2.17 \cdot 10^{-6}$	$2.17 \cdot 10^{-6}$	0
cll1	$7.16 \cdot 10^{-5}$	$7.16 \cdot 10^{-5}$	0	$2.17 \cdot 10^{-6}$	$2.17 \cdot 10^{-6}$	0
sm	0	0	0	0.0005905	0.0005905	0

1.35 $u\bar{u} \to \nu_e \bar{\nu}_e$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl1	$-7.421 \cdot 10^{-5}$	$-7.421 \cdot 10^{-5}$	0	$2.25 \cdot 10^{-6}$	$2.25 \cdot 10^{-6}$	0
cHl3	$-7.421 \cdot 10^{-5}$	$-7.421 \cdot 10^{-5}$	0	$2.25 \cdot 10^{-6}$	$2.25 \cdot 10^{-6}$	0
cll1	$7.421 \cdot 10^{-5}$	$7.421 \cdot 10^{-5}$	0	$2.25 \cdot 10^{-6}$	$2.25 \cdot 10^{-6}$	0
sm	0	0	0	0.0006121	0.0006121	0

1.36 $zz \to W^+ W^-$

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
cHl3	-8.026	-8.026	0	0.4866	0.4866	0
cll1	4.013	4.013	0	0.1216	0.1216	0
sm	0	0	0	33.1	33.1	0

2 By parameter point

2.1 cHe

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
$HH \to ze^+e^-$	$-1.412 \cdot 10^{-6}$	$-1.412 \cdot 10^{-6}$	0	$1.83 \cdot 10^{-7}$	$1.83 \cdot 10^{-7}$	0
$Hz \to \mu^+\mu^-$	-0.04193	-0.04193	0	0.327	0.327	0
$\mu^+\mu^- \to \tau^+\tau^-$	$6.647 \cdot 10^{-5}$	$6.647 \cdot 10^{-5}$	0	$2.42 \cdot 10^{-5}$	$2.42 \cdot 10^{-5}$	0
$b\bar{b} \to \mu^+\mu^-$	$-2.774 \cdot 10^{-5}$	$-2.774 \cdot 10^{-5}$	0	$1.124 \cdot 10^{-6}$	$1.124 \cdot 10^{-6}$	0
$c\bar{c} \to \mu^+\mu^-$	$-3.645 \cdot 10^{-5}$	$-3.645 \cdot 10^{-5}$	0	$2.71 \cdot 10^{-6}$	$2.71 \cdot 10^{-6}$	0
$d\bar{d} \to e^+e^-$	$-3.679 \cdot 10^{-5}$	$-3.679 \cdot 10^{-5}$	0	$4.729 \cdot 10^{-6}$	$4.729 \cdot 10^{-6}$	0
$e^+\nu_\mu \to e^+\nu_\mu$	-0.1402	-0.1402	0	0.009096	0.009096	0
$e^+\nu_e \to e^+\nu_e$	-0.004585	-0.004585	0	0.0002973	0.0002973	0
$e^+\tau^- \to e^+\tau^-$	0.001992	0.001992	0	$9.421 \cdot 10^{-5}$	$9.421 \cdot 10^{-5}$	0
$e^+e^- \to \mu^+\mu^-$	0.001081	0.001081	0	$3.791 \cdot 10^{-5}$	$3.791 \cdot 10^{-5}$	0
$e^+e^- \to e^+e^-$	0.003784	0.003784	0	0.003712	0.003712	0
$t\bar{t} \to \tau^+\tau^-$	$5.12 \cdot 10^{-5}$	$5.12 \cdot 10^{-5}$	0	$6.819 \cdot 10^{-6}$	$6.819 \cdot 10^{-6}$	0

2.2 cHl1

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
$HH \to z\nu_e\bar{\nu}_e$	$-6.983 \cdot 10^{-6}$	$-6.983 \cdot 10^{-6}$	0	$1.95 \cdot 10^{-5}$	$1.95 \cdot 10^{-5}$	0
$HH \to ze^+e^-$	$1.612 \cdot 10^{-6}$	$1.612 \cdot 10^{-6}$	0	$1.833 \cdot 10^{-7}$	$1.833 \cdot 10^{-7}$	0
$Hz \to \mu^+\mu^-$	0.04778	0.04778	0	0.327	0.327	0
$Hz \to \nu_\tau\bar{\nu}_\tau$	-0.09543	-0.09543	0	0.3479	0.3479	0
$\mu^+\mu^- \to \tau^+\tau^-$	$5.589 \cdot 10^{-5}$	$5.589 \cdot 10^{-5}$	0	$2.402 \cdot 10^{-5}$	$2.402 \cdot 10^{-5}$	0
$\nu_\tau\bar{\nu}_\tau \to \nu_\tau\bar{\nu}_\tau$	-0.0002577	-0.0002577	0	$1.562 \cdot 10^{-5}$	$1.562 \cdot 10^{-5}$	0

	mod1	mod2	$1-\text{mod2}/\text{mod1}$	mod1	mod2	$1-\text{mod2}/\text{mod1}$
$\nu_e\bar\nu_e \to \nu_\mu\bar\nu_\mu$	-0.001175	-0.001175	0	$7.126\cdot10^{-5}$	$7.126\cdot10^{-5}$	0
$b\bar b \to \mu^+\mu^-$	0.000275	0.000275	0	$1.031\cdot10^{-5}$	$1.031\cdot10^{-5}$	0
$b\bar b \to \nu_e\bar\nu_e$	$-2.785\cdot10^{-5}$	$-2.785\cdot10^{-5}$	0	$8.443\cdot10^{-7}$	$8.443\cdot10^{-7}$	0
$c\bar c \to \mu^+\mu^-$	0.0001386	0.0001386	0	$4.161\cdot10^{-6}$	$4.161\cdot10^{-6}$	0
$d\bar d \to e^+e^-$	$9.604\cdot10^{-5}$	$9.604\cdot10^{-5}$	0	$3.927\cdot10^{-6}$	$3.927\cdot10^{-6}$	0
$e^+\nu_\mu \to e^+\nu_\mu$	-0.002173	-0.002173	0	0.003673	0.003673	0
$e^+\nu_e \to e^+\nu_e$	-0.0005232	-0.0005232	0	$8.293\cdot10^{-5}$	$8.293\cdot10^{-5}$	0
$e^+\tau^- \to e^+\tau^-$	-0.001607	-0.001607	0	$7.916\cdot10^{-5}$	$7.916\cdot10^{-5}$	0
$e^+e^- \to \mu^+\mu^-$	-0.0009483	-0.0009483	0	$2.922\cdot10^{-5}$	$2.922\cdot10^{-5}$	0
$e^+e^- \to e^+e^-$	0.01681	0.01681	0	0.003763	0.003763	0
$s\bar s \to \nu_\tau\bar\nu_\tau$	$-7.999\cdot10^{-5}$	$-7.999\cdot10^{-5}$	0	$2.425\cdot10^{-6}$	$2.425\cdot10^{-6}$	0
$t\bar t \to \nu_\mu\bar\nu_\mu$	$-5.925\cdot10^{-5}$	$-5.925\cdot10^{-5}$	0	$1.796\cdot10^{-6}$	$1.796\cdot10^{-6}$	0
$t\bar t \to \tau^+\tau^-$	$-2.283\cdot10^{-5}$	$-2.283\cdot10^{-5}$	0	$1.755\cdot10^{-6}$	$1.755\cdot10^{-6}$	0
$u\bar u \to \nu_e\bar\nu_e$	$-7.421\cdot10^{-5}$	$-7.421\cdot10^{-5}$	0	$2.25\cdot10^{-6}$	$2.25\cdot10^{-6}$	0

2.3 cHl3

	interference			square		
	mod1	mod2	$1-\text{mod2}/\text{mod1}$	mod1	mod2	$1-\text{mod2}/\text{mod1}$
$HH \to W^+W^-\gamma$	$-2.296\cdot10^{-6}$	$-2.296\cdot10^{-6}$	0	$2.088\cdot10^{-7}$	$2.088\cdot10^{-7}$	0
$HH \to W^+e^-\bar\nu_e$	$2.22\cdot10^{-7}$	$2.22\cdot10^{-7}$	0	$2.258\cdot10^{-7}$	$2.258\cdot10^{-7}$	0
$HH \to z\nu_e\bar\nu_e$	$6.756\cdot10^{-6}$	$6.756\cdot10^{-6}$	0	$1.825\cdot10^{-5}$	$1.825\cdot10^{-5}$	0
$HH \to ze^+e^-$	$-6.689\cdot10^{-7}$	$-6.689\cdot10^{-7}$	0	$9.753\cdot10^{-8}$	$9.753\cdot10^{-8}$	0
$HW^- \to \bar t b$	-2.184	-2.184	0	0.1324	0.1324	0
$HW^- \to \gamma e^-\bar\nu_e$	$5.082\cdot10^{-8}$	$5.082\cdot10^{-8}$	0	$1.731\cdot10^{-7}$	$1.731\cdot10^{-7}$	0
$HW^- \to \mu^-\bar\nu_\mu$	0.0188	0.0188	0	0.08828	0.08828	0
$Hz \to \mu^+\mu^-$	0.04703	0.04703	0	0.3213	0.3213	0
$Hz \to \nu_\tau\bar\nu_\tau$	0.09384	0.09384	0	0.3364	0.3364	0
$W^+W^- \to W^+W^-$	-1.197	-1.197	0	0.07257	0.07257	0

$W^+W^- \to \gamma\gamma$	-3.837	-3.837	0	0.2326	0.2326	0
$W^+W^- \to \gamma\gamma\gamma$	$-4.468 \cdot 10^{-7}$	$-4.468 \cdot 10^{-7}$	0	$4.063 \cdot 10^{-8}$	$4.063 \cdot 10^{-8}$	0
$\bar{b}t \to \bar{d}u$	-0.004169	-0.004169	0	0.0002527	0.0002527	0
$\gamma W^+ \to zW^+$	-0.09129	-0.09129	0	0.005534	0.005534	0
$\mu^+\mu^- \to \tau^+\tau^-$	-0.002062	-0.002062	0	0.0001457	0.0001457	0
$\nu_\tau\bar{\nu}_\tau \to \nu_\tau\bar{\nu}_\tau$	0	$5.524 \cdot 10^{-20}$	∞	0	$7.641 \cdot 10^{-37}$	∞
$\nu_e\bar{\nu}_e \to \nu_\mu\bar{\nu}_\mu$	0	$3.581 \cdot 10^{-19}$	∞	0	$6.783 \cdot 10^{-36}$	∞
$b\bar{b} \to \mu^+\mu^-$	-0.0002684	-0.0002684	0	$9.909 \cdot 10^{-6}$	$9.909 \cdot 10^{-6}$	0
$b\bar{b} \to \nu_e\bar{\nu}_e$	$-2.785 \cdot 10^{-5}$	$-2.785 \cdot 10^{-5}$	0	$8.443 \cdot 10^{-7}$	$8.443 \cdot 10^{-7}$	0
$b\bar{t} \to e^-\bar{\nu}_e$	-0.001292	-0.001292	0	$3.916 \cdot 10^{-5}$	$3.916 \cdot 10^{-5}$	0
$c\bar{c} \to \mu^+\mu^-$	-0.0004641	-0.0004641	0	$2.389 \cdot 10^{-5}$	$2.389 \cdot 10^{-5}$	0
$c\bar{s} \to \tau^+\nu_\tau$	-0.0007443	-0.0007443	0	$2.256 \cdot 10^{-5}$	$2.256 \cdot 10^{-5}$	0
$d\bar{d} \to e^+e^-$	-0.0001226	-0.0001226	0	$5.537 \cdot 10^{-6}$	$5.537 \cdot 10^{-6}$	0
$e^+\nu_\mu \to e^+\nu_\mu$	-0.002173	-0.002173	0	0.003673	0.003673	0
$e^+\nu_e \to \mu^+\nu_\mu$	0	$1.468 \cdot 10^{-18}$	∞	0	$1.246 \cdot 10^{-35}$	∞
$e^+\nu_e \to e^+\nu_e$	-0.0005232	-0.0005232	0	$8.293 \cdot 10^{-5}$	$8.293 \cdot 10^{-5}$	0
$e^+\tau^- \to e^+\tau^-$	-0.007716	-0.007716	0	0.0006443	0.0006443	0
$e^+e^- \to \mu^+\mu^-$	-0.00283	-0.00283	0	0.0002582	0.0002582	0
$e^+e^- \to e^+e^-$	-0.3752	-0.3752	0	0.02549	0.02549	0
$s\bar{s} \to \nu_\tau\bar{\nu}_\tau$	$-7.999 \cdot 10^{-5}$	$-7.999 \cdot 10^{-5}$	0	$2.425 \cdot 10^{-6}$	$2.425 \cdot 10^{-6}$	0
$t\bar{t} \to \nu_\mu\bar{\nu}_\mu$	$-5.925 \cdot 10^{-5}$	$-5.925 \cdot 10^{-5}$	0	$1.796 \cdot 10^{-6}$	$1.796 \cdot 10^{-6}$	0
$t\bar{t} \to \tau^+\tau^-$	-0.0002636	-0.0002636	0	$1.912 \cdot 10^{-5}$	$1.912 \cdot 10^{-5}$	0
$t\bar{t} \to t\bar{t}$	0.09863	0.09863	0	0.0139	0.0139	0
$u\bar{d} \to \mu^+\nu_\mu$	$-7.16 \cdot 10^{-5}$	$-7.16 \cdot 10^{-5}$	0	$2.17 \cdot 10^{-6}$	$2.17 \cdot 10^{-6}$	0
$u\bar{u} \to \nu_e\bar{\nu}_e$	$-7.421 \cdot 10^{-5}$	$-7.421 \cdot 10^{-5}$	0	$2.25 \cdot 10^{-6}$	$2.25 \cdot 10^{-6}$	0
$zz \to W^+W^-$	-8.026	-8.026	0	0.4866	0.4866	0

2.4   cQe

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
$b\bar{b} \to \mu^+\mu^-$	-0.000674	-0.000674	0	0.01544	0.01544	0
$t\bar{t} \to \tau^+\tau^-$	-0.0105	-0.0105	0	0.2098	0.2098	0

2.5   cQl1

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
$b\bar{b} \to \mu^+\mu^-$	0.03898	0.03898	0	0.2053	0.2053	0
$b\bar{b} \to \nu_e\bar{\nu}_e$	-0.002079	-0.002079	0	0.008905	0.008905	0
$t\bar{t} \to \nu_\mu\bar{\nu}_\mu$	-0.0003087	-0.0003087	0	0.002842	0.002842	0
$t\bar{t} \to \tau^+\tau^-$	-0.005163	-0.005163	0	0.0186	0.0186	0

2.6   cQl3

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
$b\bar{b} \to \mu^+\mu^-$	0.03898	0.03898	0	0.2053	0.2053	0
$b\bar{b} \to \nu_e\bar{\nu}_e$	0.002079	0.002079	0	0.008905	0.008905	0
$b\bar{t} \to e^-\bar{\nu}_e$	0.2015	0.2015	0	0.9523	0.9523	0
$t\bar{t} \to \nu_\mu\bar{\nu}_\mu$	-0.0003087	-0.0003087	0	0.002842	0.002842	0
$t\bar{t} \to \tau^+\tau^-$	0.005163	0.005163	0	0.0186	0.0186	0

2.7   cll

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
$\mu^+\mu^- \to \tau^+\tau^-$	0.09122	0.09122	0	0.6635	0.6635	0

	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
$\nu_\tau \bar{\nu}_\tau \to \nu_\tau \bar{\nu}_\tau$	-0.1017	-0.1017	0	2.435	2.435	0
$\nu_e \bar{\nu}_e \to \nu_\mu \bar{\nu}_\mu$	0.1402	0.1402	0	1.014	1.014	0
$e^+ \nu_\mu \to e^+ \nu_\mu$	2.844	2.844	0	3.394	3.394	0
$e^+ \nu_e \to e^+ \nu_e$	0.4019	0.4019	0	1.107	1.107	0
$e^+ \tau^- \to e^+ \tau^-$	-0.07943	-0.07943	0	0.3978	0.3978	0
$e^+ e^- \to \mu^+ \mu^-$	0.0003604	0.0003604	0	0.002621	0.002621	0
$e^+ e^- \to e^+ e^-$	-5.343	-5.343	0	12.06	12.06	0

2.8 cll1

	interference			square		
	mod1	mod2	$1 - \text{mod2}/\text{mod1}$	mod1	mod2	$1 - \text{mod2}/\text{mod1}$
$HH \to W^+ W^- \gamma$	$1.148 \cdot 10^{-6}$	$1.148 \cdot 10^{-6}$	0	$5.219 \cdot 10^{-8}$	$5.219 \cdot 10^{-8}$	0
$HH \to W^+ e^- \bar{\nu}_e$	$9.924 \cdot 10^{-9}$	$9.924 \cdot 10^{-9}$	0	$4.512 \cdot 10^{-10}$	$4.512 \cdot 10^{-10}$	0
$HH \to z \nu_e \bar{\nu}_e$	$1.137 \cdot 10^{-7}$	$1.137 \cdot 10^{-7}$	0	$5.17 \cdot 10^{-9}$	$5.17 \cdot 10^{-9}$	0
$HH \to z e^+ e^-$	$1.14 \cdot 10^{-6}$	$1.14 \cdot 10^{-6}$	0	$5.185 \cdot 10^{-8}$	$5.185 \cdot 10^{-8}$	0
$HW^- \to \bar{t} b$	1.092	1.092	0	0.0331	0.0331	0
$HW^- \to \gamma e^- \bar{\nu}_e$	$6.979 \cdot 10^{-10}$	$6.979 \cdot 10^{-10}$	0	$3.173 \cdot 10^{-11}$	$3.173 \cdot 10^{-11}$	0
$HW^- \to \mu^- \bar{\nu}_\mu$	0.0001213	0.0001213	0	$3.677 \cdot 10^{-6}$	$3.677 \cdot 10^{-6}$	0
$Hz \to \mu^+ \mu^-$	0.0003745	0.0003745	0	$1.135 \cdot 10^{-5}$	$1.135 \cdot 10^{-5}$	0
$Hz \to \nu_\tau \bar{\nu}_\tau$	0.0007935	0.0007935	0	$2.405 \cdot 10^{-5}$	$2.405 \cdot 10^{-5}$	0
$W^+ W^- \to W^+ W^-$	0.5985	0.5985	0	0.01814	0.01814	0
$W^+ W^- \to \gamma \gamma$	1.918	1.918	0	0.05815	0.05815	0
$W^+ W^- \to \gamma \gamma \gamma$	$2.234 \cdot 10^{-7}$	$2.234 \cdot 10^{-7}$	0	$1.016 \cdot 10^{-8}$	$1.016 \cdot 10^{-8}$	0
$\bar{b} t \to \bar{d} u$	0.002085	0.002085	0	$6.319 \cdot 10^{-5}$	$6.319 \cdot 10^{-5}$	0
$\gamma W^+ \to z W^+$	0.04565	0.04565	0	0.001384	0.001384	0
$\mu^+ \mu^- \to \tau^+ \tau^-$	0.09228	0.09228	0	0.6691	0.6691	0
$\nu_\tau \bar{\nu}_\tau \to \nu_\tau \bar{\nu}_\tau$	-0.1016	-0.1016	0	2.429	2.429	0
$\nu_e \bar{\nu}_e \to \nu_\mu \bar{\nu}_\mu$	0.1408	0.1408	0	1.022	1.022	0

$b\bar{b} \to \mu^+\mu^-$	0.0002717	0.0002717	0	$8.236 \cdot 10^{-6}$	$8.236 \cdot 10^{-6}$	0
$b\bar{b} \to \nu_e\bar{\nu}_e$	$2.785 \cdot 10^{-5}$	$2.785 \cdot 10^{-5}$	0	$8.443 \cdot 10^{-7}$	$8.443 \cdot 10^{-7}$	0
$b\bar{t} \to e^-\bar{\nu}_e$	0.001292	0.001292	0	$3.916 \cdot 10^{-5}$	$3.916 \cdot 10^{-5}$	0
$c\bar{c} \to \mu^+\mu^-$	0.0003013	0.0003013	0	$9.134 \cdot 10^{-6}$	$9.134 \cdot 10^{-6}$	0
$c\bar{s} \to \tau^+\nu_\tau$	0.0007443	0.0007443	0	$2.256 \cdot 10^{-5}$	$2.256 \cdot 10^{-5}$	0
$d\bar{d} \to e^+e^-$	0.0001093	0.0001093	0	$3.314 \cdot 10^{-6}$	$3.314 \cdot 10^{-6}$	0
$e^+\nu_\mu \to e^+\nu_\mu$	0.1378	0.1378	0	0.004176	0.004176	0
$e^+\nu_e \to \mu^+\nu_\mu$	0.8236	0.8236	0	3.918	3.918	0
$e^+\nu_e \to e^+\nu_e$	0.4085	0.4085	0	1.132	1.132	0
$e^+\tau^- \to e^+\tau^-$	-0.07637	-0.07637	0	0.3931	0.3931	0
$e^+e^- \to \mu^+\mu^-$	0.001301	0.001301	0	0.002672	0.002672	0
$e^+e^- \to e^+e^-$	-5.147	-5.147	0	11.74	11.74	0
$s\bar{s} \to \nu_\tau\bar{\nu}_\tau$	$7.999 \cdot 10^{-5}$	$7.999 \cdot 10^{-5}$	0	$2.425 \cdot 10^{-6}$	$2.425 \cdot 10^{-6}$	0
$t\bar{t} \to \nu_\mu\bar{\nu}_\mu$	$5.925 \cdot 10^{-5}$	$5.925 \cdot 10^{-5}$	0	$1.796 \cdot 10^{-6}$	$1.796 \cdot 10^{-6}$	0
$t\bar{t} \to \tau^+\tau^-$	0.0001204	0.0001204	0	$3.65 \cdot 10^{-6}$	$3.65 \cdot 10^{-6}$	0
$t\bar{t} \to t\bar{t}$	-0.04932	-0.04932	0	0.003475	0.003475	0
$u\bar{d} \to \mu^+\nu_\mu$	$7.16 \cdot 10^{-5}$	$7.16 \cdot 10^{-5}$	0	$2.17 \cdot 10^{-6}$	$2.17 \cdot 10^{-6}$	0
$u\bar{u} \to \nu_e\bar{\nu}_e$	$7.421 \cdot 10^{-5}$	$7.421 \cdot 10^{-5}$	0	$2.25 \cdot 10^{-6}$	$2.25 \cdot 10^{-6}$	0
$zz \to W^+W^-$	4.013	4.013	0	0.1216	0.1216	0

2.9   cte

	interference			square		
	mod1	mod2	$1-\text{mod2/mod1}$	mod1	mod2	$1-\text{mod2/mod1}$
$t\bar{t} \to \tau^+\tau^-$	-0.003601	-0.003601	0	0.0186	0.0186	0

2.10   ctl

interference	square

	mod1	mod2	$1 - \mathrm{mod2}/\mathrm{mod1}$	mod1	mod2	$1 - \mathrm{mod2}/\mathrm{mod1}$
$t\bar{t} \to \nu_\mu \bar{\nu}_\mu$	-0.02336	-0.02336	0	0.2928	0.2928	0
$t\bar{t} \to \tau^+ \tau^-$	-0.02014	-0.02014	0	0.2098	0.2098	0

2.11 sm

	interference			square		
	mod1	mod2	$1 - \mathrm{mod2}/\mathrm{mod1}$	mod1	mod2	$1 - \mathrm{mod2}/\mathrm{mod1}$
$HH \to W^+ W^- \gamma$	0	0	0	$6.311 \cdot 10^{-6}$	$6.311 \cdot 10^{-6}$	0
$HH \to W^+ e^- \bar{\nu}_e$	0	0	0	$5.457 \cdot 10^{-8}$	$5.457 \cdot 10^{-8}$	0
$HH \to z \nu_e \bar{\nu}_e$	0	0	0	$6.252 \cdot 10^{-7}$	$6.252 \cdot 10^{-7}$	0
$HH \to z e^+ e^-$	0	0	0	$6.27 \cdot 10^{-6}$	$6.27 \cdot 10^{-6}$	0
$HW^- \to \bar{t} b$	0	0	0	9.005	9.005	0
$HW^- \to \gamma e^- \bar{\nu}_e$	0	0	0	$3.837 \cdot 10^{-9}$	$3.837 \cdot 10^{-9}$	0
$HW^- \to \mu^- \bar{\nu}_\mu$	0	0	0	0.001001	0.001001	0
$Hz \to \mu^+ \mu^-$	0	0	0	0.003089	0.003089	0
$Hz \to \nu_\tau \bar{\nu}_\tau$	0	0	0	0.006544	0.006544	0
$W^+ W^- \to W^+ W^-$	0	0	0	4.936	4.936	0
$W^+ W^- \to \gamma\gamma$	0	0	0	15.82	15.82	0
$W^+ W^- \to \gamma\gamma\gamma$	0	0	0	$1.228 \cdot 10^{-6}$	$1.228 \cdot 10^{-6}$	0
$\bar{b} t \to \bar{d} u$	0	0	0	0.01719	0.01719	0
$\gamma W^+ \to z W^+$	0	0	0	0.3765	0.3765	0
$\mu^+ \mu^- \to \tau^+ \tau^-$	0	0	0	0.008735	0.008735	0
$\nu_\tau \bar{\nu}_\tau \to \nu_\tau \bar{\nu}_\tau$	0	0	0	0.001063	0.001063	0
$\nu_e \bar{\nu}_e \to \nu_\mu \bar{\nu}_\mu$	0	0	0	0.004847	0.004847	0
$b\bar{b} \to \mu^+ \mu^-$	0	0	0	0.002241	0.002241	0
$b\bar{b} \to \nu_e \bar{\nu}_e$	0	0	0	0.0002297	0.0002297	0
$b\bar{t} \to e^- \bar{\nu}_e$	0	0	0	0.01066	0.01066	0
$c\bar{c} \to \mu^+ \mu^-$	0	0	0	0.002485	0.002485	0

$c\bar{s} \to \tau^+ \nu_\tau$	0	0	0	0.006139	0.006139	0
$d\bar{d} \to e^+ e^-$	0	0	0	0.0009016	0.0009016	0
$e^+ \nu_\mu \to e^+ \nu_\mu$	0	0	0	1.136	1.136	0
$e^+ \nu_e \to \mu^+ \nu_\mu$	0	0	0	0.04328	0.04328	0
$e^+ \nu_e \to e^+ \nu_e$	0	0	0	0.05415	0.05415	0
$e^+ \tau^- \to e^+ \tau^-$	0	0	0	0.02519	0.02519	0
$e^+ e^- \to \mu^+ \mu^-$	0	0	0	0.007758	0.007758	0
$e^+ e^- \to e^+ e^-$	0	0	0	1.616	1.616	0
$s\bar{s} \to \nu_\tau \bar{\nu}_\tau$	0	0	0	0.0006597	0.0006597	0
$t\bar{t} \to \nu_\mu \bar{\nu}_\mu$	0	0	0	0.0004887	0.0004887	0
$t\bar{t} \to \tau^+ \tau^-$	0	0	0	0.000993	0.000993	0
$t\bar{t} \to t\bar{t}$	0	0	0	0.6164	0.6164	0
$u\bar{d} \to \mu^+ \nu_\mu$	0	0	0	0.0005905	0.0005905	0
$u\bar{u} \to \nu_e \bar{\nu}_e$	0	0	0	0.0006121	0.0006121	0
$zz \to W^+ W^-$	0	0	0	33.1	33.1	0