SM event distribution
6006 signal events in $Z \to \mu^+\mu^-$

ILD preliminary

event class (y-axis) — BR (x-axis)

H→bb	H→WW	H→gg	H→ττ	H→cc	H→ZZ	H→γγ	H→γZ	H→μμ	H→inv.	2f leptonic	4f leptonic	4f semileptonic	other higgs
								0.54			3.67		
							0.00	0.04			2.94		
	7.69		0.27		5.14		0.12	0.10			11.53		0.28
			0.10		3.73	0.00	0.02			11.28	1.22k		
16.43	7.97	3.02	1.10	1.12	0.97	0.01	4.93	0.00			16.03	97.22	0.07
2.46	3.05	0.20	2.62	0.10	0.44	0.03	1.47			1.88	143.3	4.56	
11.43	10.28	1.26	10.18	0.55	0.69	0.13	0.52	0.00		16.93	32.61	13.80	0.07
1.76k	0.65	8.75	0.61	0.26	14.25		0.05				0.87	165.8	1.50
752.9	16.99	15.73	8.21	5.62	10.62	0.00	0.03				12.37	93.46	0.96
3.58	11.99	2.14	1.82	26.23	1.83		0.01				1.84	27.33	0.13
10.83	310.4	0.63	50.01	0.21	4.78	0.32	0.14	0.03		9.40	104.4	11.21	0.48
0.04	23.69		1.88	0.00	5.47	0.00	0.05	0.00			60.10	0.14	0.32
					0.12		0.00				0.57		
			0.03			8.28	0.00			221.9	0.34		
			0.34		0.91	0.00	0.00			45.14	3.14	0.35	
166.8	50.62	24.38	27.12	8.72	7.67	0.39	2.11	0.00		622.5	464.8	409.9	0.93
2.66	1.41	0.47	1.11	0.19	0.22	4.76	0.15			588.7	32.35	30.04	0.02
		2.22	93.86		0.33	0.00	0.00				114.9		
2.42	40.83	3.99	23.96	4.29	14.90	0.01	0.10	0.00		7.52	702.7	215.8	0.63
0.60	21.74	58.63		0.61	1.76		0.00					8.60	0.17
8.58	189.3	184.9	0.16	12.80	21.38		0.08				14.37	350.9	2.38
144.7	86.67	1.88	146.3	21.13	15.20	0.01	0.10	0.00		7.52	414.2	162.8	0.52
50.77	60.39	75.07	0.00	5.04	6.33		0.00					20.27	0.73
629.9	346.3	144.2	3.33	81.00	39.01		0.14	0.00			15.15	475.1	4.24