Peak	Assignment	Position (cm^{-1})	Rel. FC factor	Signal
1	1_0^0	0.000	1	1
2	$1_0^1 1_1^0$	6.900	0.550	0.264
3	$1_0^2 1_2^0$	13.800	0.302	0.070
4	$1_0^3 1_3^0$	20.700	0.166	0.018
5	$1_0^4 1_4^0$	27.600	0.091	0.005
6	$1_0^1 2_1^0$	6.900	0.450	0.216
7	$1_0^2 2_2^0$	13.800	0.202	0.047
8	$1_0^3 2_3^0$	20.700	0.091	0.010
9	$1_0^4 2_4^0$	27.600	0.041	0.002
10	$1_0^1 2_0^1 1_2^0$	15.200	0.495	0.114
11	$1_0^1 2_0^2 1_3^0$	23.500	0.334	0.037
12	$1_0^1 2_0^3 1_4^0$	31.800	0.200	0.011
13	$1_0^1 2_0^4 1_5^0$	40.100	0.112	0.003
14	$1_0^2 2_0^1 1_3^0$	22.100	0.408	0.045
15	$1_0^2 2_0^2 1_4^0$	30.400	0.367	0.019
16	$1_0^2 2_0^3 1_5^0$	38.700	0.275	0.007
17	$1_0^3 2_0^1 1_4^0$	29.000	0.299	0.016
18	$1_0^3 2_0^2 1_5^0$	37.300	0.336	0.009
19	$1_0^4 2_0^1 1_5^0$	35.900	0.205	0.005
20	$1_1^0 2_1^0 1_0^2$	13.800	0.495	0.114
21	$1_1^0 2_2^0 1_0^3$	20.700	0.334	0.037
22	$1_1^0 2_3^0 1_0^4$	27.600	0.200	0.011
23	$1_2^0 2_1^0 1_0^3$	20.700	0.408	0.045
24	$1_2^0 2_2^0 1_0^4$	27.600	0.367	0.020
25	$1_2^0 2_3^0 1_0^5$	34.500	0.275	0.007
26	$1_3^0 2_1^0 1_0^4$	27.600	0.299	0.016
27	$1_3^0 2_2^0 1_0^5$	34.500	0.336	0.009
28	$1_3^0 2_3^0 1_0^6$	41.400	0.302	0.004
29	$1_0^1 2_0^1 1_1^0 2_1^0$	15.200	0.010	0.002
30	$1_0^1 2_0^2 1_1^0 2_2^0$	23.500	0.067	0.007
31	$1_0^1 2_0^2 1_2^0 2_1^0$	23.500	0.190	0.021
32	$1_0^1 2_0^3 1_1^0 2_3^0$	31.800	0.193	0.010
33	$1_0^1 2_0^3 1_3^0 2_1^0$	31.800	0.291	0.015
34	$1_0^1 2_0^4 1_3^0 2_2^0$	40.100	0.125	0.003
35	$1_0^2 2_0^1 1_1^0 2_2^0$	22.100	0.190	0.021
36	$1_0^2 2_0^1 1_2^0 2_1^0$	22.100	0.067	0.007
37	$1_0^2 2_0^2 1_2^0 2_2^0$	30.400	0.235	0.012
38	$1_0^2 2_0^3 1_2^0 2_3^0$	38.700	0.182	0.005
39	$1_0^2 2_0^4 1_3^0 2_3^0$	47.000	0.167	0.002
40	$1_0^3 2_0^1 1_1^0 2_3^0$	29.000	0.291	0.015
41	$1_0^3 2_0^1 1_3^0 2_1^0$	29.000	0.193	0.010
42	$1_0^3 2_0^2 1_3^0 2_2^0$	37.300	0.182	0.005
43	$1_0^4 2_0^1 1_2^0 2_3^0$	35.900	0.125	0.003
44	$1_0^4 2_0^2 1_3^0 2_3^0$	44.200	0.167	0.002
45	$1_0^1 2_0^1 2_2^0$	15.200	0.495	0.114
46	$1_0^1 2_0^2 2_3^0$	23.500	0.408	0.045