TABLE 3. X-ray identified sources with probable stellar optical counterparts

Name	RA [2000]	Dec [2000]	ML	Count Rate[a] [ct s^{-1}]	$HR1$	$HR2$	V [mag]	$\log(f_x/f_v)$	SpT	W(Hα) [Å]	W(Li) [Å]	Refs./Comments
MBM7 RASS stars												
RXJ0211.3+1938	02:11:22.0	+19:38:25	60.4	0.11742 ± 0.02627	> 0.82	0.28 ± 0.20	14.7:	−0.13	...	...	...	AGN
RXJ0212.9+1406	02:12:58.4	+14:06:29	14.5	0.03476 ± 0.01418	> 0.46	0.44 ± 0.38	13.9:	−0.98	...	...	...	AGN
RXJ0213.7+1420	02:13:44.6	+14:20:00	11.5	0.03541 ± 0.01404	0.47 ± 0.35	0.01 ± 0.42	14.6	−0.69	M1	−3.80	...	...
RXJ0214.3+1704	02:14:21.4	+17:04:41	15.2	0.04987 ± 0.01724	0.10 ± 0.37	0.36 ± 0.41	10.5	−2.19	K0	1.95	0.20	...
RXJ0218.8+1436	02:18:49.8	+14:36:12	34.5	0.10288 ± 0.02630	< -0.84	...	13.7	−0.59	WD	...	...	...
RXJ0220.5+2007	02:20:32.4	+20:07:44	14.9	0.04789 ± 0.02018	> 0.41	0.41 ± 0.36	9.1	−2.76	G5	1.05	...	...
RXJ0228.7+1627	02:28:46.4	+16:27:16	58.7	0.17171 ± 0.03608	0.58 ± 0.19	0.16 ± 0.23	9.7	−1.96	G0	3.71	...	...
RXJ0232.9+1502	02:32:52.3	+15:02:22	83.5	0.36675 ± 0.05690	-0.39 ± 0.15	0.28 ± 0.27	6.0	−3.12	F8V	3.23	0.14	note
RXJ0234.4+1922a	02:34:27.4	+19:22:43	17.3	0.05873 ± 0.02181	-0.85 ± 0.30	...	13.2	−1.04	M5	−2.97	...	...
RXJ0234.4+1922b							15.2	−0.23	K0	1.76	...	...
RXJ0235.8+2012	02:35:50.4	+20:12:36	10.2	0.04586 ± 0.01723	-0.67 ± 0.35	-1.00 ± 0.00	10.5[b]	−2.22	M2	...	...	note
RXJ0238.3+2005	02:38:20.5	+20:05:38	26.5	0.04809 ± 0.01666	> 0.70	0.34 ± 0.27	13.6	−0.97	G7	2.36	...	...
RXJ0239.9+2106	02:39:56.0	+21:06:26	24.4	0.04855 ± 0.01586	> 0.63	-0.14 ± 0.31	10.2	−2.33	G3	2.94	0.26	...
MBM7 *ROSAT* pointed observation stars												
RXJ0221.3+1943	02:21:18.8	+19:43:04	17.7	0.00105 ± 0.00050	> 0.00	0.63 ± 0.29	17.9:	−0.90	...	...	...	...
RXJ0221.6+1950	02:21:41.5	+19:50:01	23.1	0.00155 ± 0.00037	0.35 ± 0.32	0.10 ± 0.26	18.5:	−0.49	...	...	...	...
RXJ0221.6+1946	02:21:42.0	+19:46:19	17.7	0.00168 ± 0.00061	> 0.14	0.45 ± 0.41	9.9a	−3.88	...	...	...	...
RXJ0221.7+1946	02:21:46.2	+19:46:00	14.3	0.00128 ± 0.00039	0.34 ± 0.44	0.26 ± 0.28	13.3	−2.65	...	...	...	...
RXJ0221.8+1938	02:21:54.0	+19:38:44	8.0	0.00120 ± 0.00043	-0.63 ± 0.29	< -0.38	16.2:	−1.52	...	...	...	...
RXJ0222.0+2001	02:22:01.1	+20:01:15	11.0	0.00162 ± 0.00057	< -0.81	...	14.9	−1.92	...	...	...	...
RXJ0222.3+2000	02:22:22.0	+20:00:21	29.6	0.00095 ± 0.00029	> 0.55	0.37 ± 0.24	17.8:	−0.98	...	...	...	...
RXJ0222.4+2008	02:22:28.6	+20:08:50	13.1	0.00137 ± 0.00046	0.33 ± 0.46	0.67 ± 0.39	15.6:	−1.70	...	...	...	...
RXJ0222.6+1941	02:22:41.7	+19:41:60	10.6	0.00051 ± 0.00031	> -0.13	> 0.45	15.6:	−2.13	...	...	...	...
RXJ0222.7+2000	02:22:43.6	+20:00:06	12.5	0.00073 ± 0.00032	0.87 ± 0.97	0.84 ± 0.38	14.8	−2.31	...	...	...	...
RXJ0222.9+2008	02:22:54.2	+20:08:38	46.5	0.00272 ± 0.00054	0.90 ± 0.27	0.17 ± 0.17	15.5:	−1.45	G9	2.39	...	...
RXJ0223.0+1950	02:23:02.8	+19:50:23	9.1	0.00075 ± 0.00031	0.73 ± 0.87	-0.32 ± 0.35	17.4:	−1.24	...	...	...	...
RXJ0223.0+2000	02:23:05.4	+20:00:53	19.1	0.00179 ± 0.00045	0.26 ± 0.36	0.30 ± 0.26	10.2	−3.73	F8	...	...	...
RXJ0223.0+1948	02:23:05.8	+19:48:41	10.1	0.00084 ± 0.00031	0.37 ± 0.53	0.22 ± 0.36	13.4	−2.79	...	...	...	...
RXJ0223.2+1955	02:23:13.6	+19:55:06	10.4	0.00071 ± 0.00033	> -0.07	0.92 ± 0.44	17.3:	−1.31	...	...	...	...
RXJ0223.3+1955	02:23:20.2	+19:55:50	13.0	0.00068 ± 0.00032	> 0.42	0.24 ± 0.28	16.3:	−1.73	...	...	...	...
MBM55 RASS stars												
RXJ2250.1+1414	22:50:07.8	+14:14:46	9.4	0.02488 ± 0.00951	-0.13 ± 0.40	-0.36 ± 0.49	9.37	−2.94	F5	...	...	...
RXJ2250.2+1347	22:50:13.0	+13:47:30	13.2	0.01900 ± 0.00824	0.79 ± 0.51	0.19 ± 0.45	16.4:	−0.24	...	...	...	...
RXJ2250.4+1431	22:50:25.9	+14:31:41	86.5	0.08546 ± 0.01499	0.70 ± 0.13	0.24 ± 0.18	10.6	−1.93	K1	−0.27	0.08	...
RXJ2250.8+1523	22:50:52.0	+15:23:09	11.4	0.01971 ± 0.00850	0.73 ± 0.39	0.78 ± 0.29	12.7	−1.71	K0	−0.19	...	...
RXJ2252.3+1519	22:52:20.6	+15:19:39	15.5	0.01740 ± 0.00784	> 0.47	0.50 ± 0.39	12.8	−1.73	G9	1.90	...	...
RXJ2252.8+1730a	22:52:53.8	+17:30:51	14.2	0.04418 ± 0.01563	0.41 ± 0.32	-0.05 ± 0.44	8.7	−2.95	K0	1.60	...	...

TABLE 3. (continued)

Name	RA [2000]	Dec [2000]	ML	Count Rate[a] [ct s^{-1}]	$HR1$	$HR2$	V [mag]	$\log(f_x/f_v)$	SpT	W(Hα) [Å]	W(Li) [Å]	Refs./Comments
RXJ2252.8+1730b							15.0	−0.43	M1	0.40	···	···
RXJ2252.8+1730c							15.6	−0.19	···	···	···	···
RXJ2253.0+1650	22:53:03.8	+16:50:27	3682.1	2.90327 ± 0.09972	0.14 ± 0.03	0.28 ± 0.04	5.7	−2.34	K1III	0.42-0.67	0.04	RS CVn,1
RXJ2253.6+2331	22:53:40.3	+23:31:44	8.0	0.02387 ± 0.01006	-0.47 ± 0.36	-0.49 ± 1.14	15.1	−0.65	···	···	···	···
RXJ2254.1+1606	22:54:10.9	+16:06:59	13.2	0.06856 ± 0.01472	0.38 ± 0.19	0.47 ± 0.22	14.4	−0.48	M4	−4.74	···	···
RXJ2254.9+2414	22:54:54.6	+24:14:44	49.1	0.07415 ± 0.01381	-0.31 ± 0.18	0.25 ± 0.33	14.2	−0.54	M3	−2.39	···	···
RXJ2255.6+1811	22:55:36.2	+18:11:48	10.1	0.02358 ± 0.00969	-0.08 ± 0.46	> 0.35	7.7	−3.64	A5	···	···	···
RXJ2255.9+1725	22:55:57.7	+17:25:33	13.3	0.03546 ± 0.01213	-0.82 ± 0.25	> -0.21	14.1[b]	−0.88	M3	−5.20	···	···
RXJ2256.3+2052a	22:56:18.2	+20:52:59	37.9	0.10036 ± 0.02394	0.07 ± 0.25	-0.12 ± 0.33	11.1	−1.62	K7V	−1.07	0.15	2
RXJ2256.3+2052b							13.8	−0.56	F7	3.16	···	···
RXJ2256.6+1633	22:56:36.0	+16:33:29	22.4	0.03941 ± 0.01122	-0.29 ± 0.27	0.07 ± 0.49	8.3	−3.17	M2	0.29	···	note
RXJ2256.6+1232	22:56:40.7	+12:32:45	9.7	0.02602 ± 0.01004	-0.49 ± 0.36	0.03 ± 0.86	13.0	−1.46	···	···	···	···
RXJ2256.7+2339	22:56:42.4	+23:39:14	41.2	0.05283 ± 0.01239	0.21 ± 0.24	0.30 ± 0.28	14.6	−0.50	G5	3.11	···	···
RXJ2256.9+2330	22:56:58.0	+23:30:40	12.5	0.02808 ± 0.00999	0.81 ± 0.39	-0.14 ± 0.38	14.0	−1.04	K2	−1.60	···	···
RXJ2256.9+1318a	22:56:58.3	+13:18:12	91.2	0.13760 ± 0.01992	0.18 ± 0.15	-0.06 ± 0.19	9.6	−2.10	K3	−0.93	···	···
RXJ2256.9+1318b							10.4	−1.78	K4	2.41	···	···
RXJ2257.2+2125	22:57:12.4	+21:25:16	12.6	0.03141 ± 0.01185	-0.29 ± 0.39	-0.47 ± 0.52	15.0:	−0.58	···	···	···	AGN
RXJ2257.3+2106	22:57:21.4	+21:06:26	23.2	0.04162 ± 0.01378	-0.43 ± 0.28	-0.44 ± 0.49	14.8:	−0.54	M0	−0.27	···	···
RXJ2257.5+2413a	22:57:35.0	+24:13:36	16.6	0.03708 ± 0.01102	0.57 ± 0.27	-0.20 ± 0.31	14.3	−0.81	F8	3.10	···	···
RXJ2257.5+2413b							15.4	−0.37	M3	−8.22	···	···
RXJ2257.9+1336	22:57:56.3	+13:36:38	12.1	0.02627 ± 0.00954	-0.60 ± 0.27	> 0.02	7.3	−3.75	F2	···	···	···
RXJ2258.0+1852	22:58:03.9	+18:52:09	12.2	0.02975 ± 0.01355	> 0.55	0.63 ± 0.32	9.9	−2.63	G5	···	···	···
RXJ2258.0+2127	22:58:04.5	+21:27:48	9.6	0.02858 ± 0.01126	-0.36 ± 0.38	< -0.22	16.3	−0.09	···	···	···	···
RXJ2258.3+2320	22:58:19.9	+23:20:25	9.4	0.03357 ± 0.01132	-0.01 ± 0.33	-0.28 ± 0.47	14.9	−0.58	···	···	···	···
RXJ2258.6+2321	22:58:37.5	+23:21:22	10.3	0.03303 ± 0.01142	0.45 ± 0.29	0.00 ± 0.35	15.6:	−0.32	···	···	···	···
RXJ2258.8+2415	22:58:49.2	+24:15:58	8.9	0.02093 ± 0.00918	0.68 ± 0.35	0.28 ± 0.41	11.3	−2.22	···	···	···	···
RXJ2258.8+1703	22:58:51.8	+17:03:24	9.5	0.02471 ± 0.00965	-0.01 ± 0.39	0.42 ± 0.49	8.9	−3.15	G0	···	···	···
RXJ2259.2+2214	22:59:17.6	+22:14:05	10.9	0.02566 ± 0.00918	0.37 ± 0.36	-0.45 ± 0.38	15.8:	−0.35	···	···	···	···
RXJ2259.5+2015	22:59:30.7	+20:15:24	11.6	0.03858 ± 0.01296	-0.53 ± 0.29	0.11 ± 0.73	14.6	−0.66	···	···	···	···
RXJ2259.6+2153	22:59:38.3	+21:53:56	20.6	0.05811 ± 0.01382	-0.41 ± 0.25	0.78 ± 0.30	10.3	−2.22	K9	0.54	···	···
RXJ2259.6+1435	22:59:38.5	+14:35:03	9.5	0.02699 ± 0.01104	0.58 ± 0.43	< -0.60	14.2	−0.98	···	···	···	···
RXJ2259.9+2058a	22:59:54.7	+20:58:54	12.4	0.02903 ± 0.01003	0.83 ± 0.55	-0.10 ± 0.40	12.3	−1.70	K6	0.76	···	···
RXJ2259.9+2058b							15.2	−0.55	K0	1.85	···	···
RXJ2300.0+1739	23:00:00.1	+17:39:00	11.7	0.03214 ± 0.01273	0.57 ± 0.37	-0.67 ± 0.50	12.8	−1.46	M0	−2.10	···	···
RXJ2300.0+1526a	23:00:03.0	+15:26:10	9.6	0.02208 ± 0.00874	0.00 ± 0.41	-0.51 ± 0.43	10.5	−2.54	G7	2.61	···	···
RXJ2300.0+1526b							11.1	−2.30	G5	2.62	···	···
RXJ2300.2+1525	23:00:14.0	+15:25:37	16.5	0.02789 ± 0.00957	-0.51 ± 0.29	0.02 ± 0.69	11.7	−1.94	K8	0.31	···	···
RXJ2300.4+1254	23:00:26.8	+12:54:42	10.0	0.01879 ± 0.00827	0.72 ± 0.56	-0.00 ± 0.49	14.4	−1.06	···	···	···	···
RXJ2301.2+2043	23:01:14.3	+20:43:35	19.8	0.02849 ± 0.00924	-0.05 ± 0.33	-0.13 ± 0.43	14.8:	−0.71	M4	−3.93	···	···
RXJ2301.4+2033	23:01:23.9	+20:33:11	13.2	0.01325 ± 0.00683	> 0.56	-0.06 ± 0.39	14.1[b]	−1.31	F6	4.05	···	···
RXJ2301.7+2340	23:01:42.2	+23:40:18	16.3	0.02771 ± 0.00991	0.78 ± 0.30	0.41 ± 0.31	11.0	−2.24	G9	1.96	···	···
RXJ2302.2+1821	23:02:15.5	+18:21:11	8.5	0.03139 ± 0.01312	0.24 ± 0.46	0.47 ± 0.46	14.5:	−0.78	···	···	···	···
RXJ2302.2+1357	23:02:15.5	+13:57:20	15.4	0.02613 ± 0.00990	> 0.47	0.95 ± 0.32	13.8	−1.13	G8	2.23	···	···
RXJ2302.3+1327	23:02:18.1	+13:27:55	10.6	0.02873 ± 0.00976	-0.12 ± 0.33	-0.43 ± 0.45	15.2	−0.51	···	···	···	···

TABLE 3. (continued)

Name	RA [2000]	Dec [2000]	ML	Count Rate[a] [ct s^{-1}]	$HR1$	$HR2$	V [mag]	$\log(f_x/f_v)$	SpT	W(Hα) [Å]	W(Li) [Å]	Refs./Comments
RXJ2302.3+1820	23:02:22.0	+18:20:18	14.2	0.04389 ± 0.01453	-0.27 ± 0.34	0.50 ± 0.56	13.4	-1.07	K8	-1.20	···	···
RXJ2302.5+1510	23:02:34.1	+15:10:08	13.3	0.02179 ± 0.00884	0.63 ± 0.41	-0.28 ± 0.62	14.0	-1.13	K8	-3.73	···	···
RXJ2302.5+2154	23:02:35.4	+21:54:58	15.9	0.02780 ± 0.00924	0.13 ± 0.33	-0.24 ± 0.42	12.9	-1.48	K3	-1.01	···	···
RXJ2302.6+2328	23:02:41.6	+23:28:04	12.9	0.02881 ± 0.01054	0.80 ± 0.49	0.09 ± 0.39	15.0[b]	-0.60	···	···	···	···
RXJ2302.9+1744	23:02:54.5	+17:44:53	17.2	0.02746 ± 0.01158	> 0.53	> 0.62	14.5	-0.83	···	···	···	···
RXJ2303.1+2055	23:03:05.1	+20:55:11	340.2	0.30912 ± 0.02676	-0.36 ± 0.08	0.07 ± 0.16	6.9	-2.83	G5V	3.78	···	···
RXJ2303.3+2017	23:03:23.0	+20:17:52	17.6	0.03902 ± 0.01191	0.57 ± 0.27	0.31 ± 0.30	15.4	-0.32	K0	2.55	···	···
RXJ2303.4+1713a	23:03:23.9	+17:13:14	18.6	0.05163 ± 0.01344	-0.37 ± 0.28	0.55 ± 0.51	10.5	-2.19	F6	···	···	···
RXJ2303.4+1713b							14.1	-2.19	M4	-4.15	···	···
RXJ2303.4+2304	23:03:27.1	+23:04:03	16.3	0.03076 ± 0.00994	-0.18 ± 0.33	0.30 ± 0.46	14.3	-0.86	M3	-4.39	···	···
RXJ2303.4+1443a	23:03:27.9	+14:43:46	124.8	0.11201 ± 0.01767	0.96 ± 0.09	0.18 ± 0.15	13.4	-0.65	G4	···	···	···
RXJ2303.4+1443b							15.0	-0.03	···	···	···	···
RXJ2303.7+2252	23:03:47.3	+22:52:19	12.6	0.05043 ± 0.01310	-0.50 ± 0.29	< -0.13	11.9	-1.62	···	···	···	···
RXJ2304.1+2134a	23:04:07.9	+21:34:42	16.6	0.03090 ± 0.00966	0.51 ± 0.36	0.34 ± 0.41	13.7	-1.12	K8	-2.49	···	···
RXJ2304.1+2134b							14.2	-0.91	F6	3.44	···	···
RXJ2304.2+2152	23:04:13.7	+21:52:58	11.2	0.01785 ± 0.00749	0.72 ± 0.44	0.60 ± 0.35	10.9	-2.46	K0	1.75	···	···
RXJ2304.3+1645	23:04:18.5	+16:45:34	10.7	0.02059 ± 0.00862	0.60 ± 0.54	0.22 ± 0.43	11.4	-2.21	K3	0.26	···	···
RXJ2304.8+1412	23:04:52.4	+14:12:35	9.9	0.01893 ± 0.00840	0.61 ± 0.55	040 ± 0.49	14.4[b]	-1.04	···	···	···	···
RXJ2304.9+1343	23:04:58.3	+13:43:23	12.0	0.02297 ± 0.00981	0.91 ± 0.74	-0.16 ± 0.41	13.5	-1.32	···	···	···	···
RXJ2305.1+1633	23:05:06.6	+16:33:39	9.0	0.02051 ± 0.00883	-0.04 ± 0.42	< -0.25	6.4	-4.21	G8IV	1.61	···	···
RXJ2305.2+2107	23:05:14.2	+21:07:34	12.8	0.01722 ± 0.00780	> 0.53	0.15 ± 0.38	16.3	-0.31	···	···	···	···
RXJ2305.7+2112	23:05:45.7	+21:12:06	11.0	0.01701 ± 0.00797	> 0.35	-0.44 ± 0.44	16.8:	-0.13	···	···	···	···
RXJ2306.3+1830	23:06:17.7	+18:30:45	64.8	0.09882 ± 0.01653	-0.11 ± 0.17	0.13 ± 0.26	6.2	-3.61	F6Vs	4.47	···	···
RXJ2306.4+1236	23:06:24.1	+12:36:32	280.3	0.26544 ± 0.02576	-0.17 ± 0.10	0.21 ± 0.15	11.1	-1.21	M0	-2.08	···	···
RXJ2306.5+1954	23:06:32.2	+19:54:55	98.7	0.14171 ± 0.01940	-0.41 ± 0.14	-0.42 ± 0.28	6.4	-3.37	F7V	3.90	···	note
RXJ2307.0+1632	23:07:01.7	+16:32:35	61.6	0.12750 ± 0.01926	> 0.78	0.16 ± 0.18	12.5	-0.98	F8	3.24	···	···
RXJ2307.0+1758	23:07:04.2	+17:58:09	14.0	0.02443 ± 0.00894	0.53 ± 0.48	0.04 ± 0.41	8.3	-3.39	F8	3.80	···	···
RXJ2307.1+1632	23:07:07.2	+16:32:40	33.4	0.06546 ± 0.01357	0.94 ± 0.17	0.20 ± 0.18	14.5	-0.46	···	···	···	···
RXJ2307.2+2336	23:07:13.7	+23:36:57	10.8	0.02081 ± 0.00887	0.70 ± 0.41	0.07 ± 0.42	16.8	-0.04	···	···	···	···
RXJ2307.4+2108	23:07:30.0	+21:08:14	13.3	0.02606 ± 0.00909	-0.88 ± 0.26	< 0.43	6.0	-4.26	A5V	···	···	···
RXJ2307.9+1710a	23:07:52.7	+17:10:28	372.8	0.35869 ± 0.02948	-0.28 ± 0.08	0.16 ± 0.14	9.8	-1.61	K7	-1.85	0.10	···
RXJ2307.9+1710b							10.3	-1.42	G7	2.90	···	···
RXJ2308.7+2137	23:08:42.6	+21:37:20	38.9	0.07368 ± 0.01434	-0.53 ± 0.17	-0.15 ± 0.41	9.0	-2.61	G5	2.15	···	···
RXJ2308.7+1532a	23:08:43.2	+15:32:46	17.3	0.03935 ± 0.01160	-0.13 ± 0.30	-0.54 ± 0.39	8.9	-2.91	G0	3.31	···	···
RXJ2308.7+1532b							14.6	-0.65	G5	2.62	···	···
RXJ2309.0+2331	23:09:02.4	+23:31:29	24.9	0.03344 ± 0.01037	> 0.49	0.51 ± 0.24	15.4:	-0.40	···	···	···	···
RXJ2309.1+1824	23:09:07.2	+18:24:55	15.5	0.03801 ± 0.01160	-0.09 ± 0.31	0.22 ± 0.42	8.6	-3.06	G5	3.22	···	···
RXJ2309.7+2234	23:09:44.5	+22:34:09	12.5	0.02073 ± 0.00828	> 0.24	0.61 ± 0.30	13.1[b]	-1.54	···	···	···	···
RXJ2309.9+1334	23:09:55.8	+13:34:42	8.8	0.02486 ± 0.00974	-0.76 ± 0.34	0.95 ± 3.16	12.5	-1.70	···	···	···	···
RXJ2310.0+1425a	23:09:57.2	+14:25:41	522.3	0.43116 ± 0.03213	-0.15 ± 0.08	-0.39 ± 0.11	7.7	-2.37	G0V	3.16	···	note
RXJ2310.0+1425b							9.7	-1.57	K6	0.67	···	···
RXJ2310.0+1425c							10.3	-1.33	K0		···	note
RXJ2310.3+1447[c]	23:10:19.1	+14:47:11	87.5	0.09724 ± 0.01633	-0.27 ± 0.16	0.38 ± 0.27	15.1	-0.04	M4	-5.10	···	···
RXJ2310.6+2055	23:10:37.7	+20:55:32	563.5	0.44790 ± 0.03195	-0.02 ± 0.07	0.04 ± 0.10	9.5	-1.62	K2	1.40	···	···

TABLE 3. (continued)

Name	RA [2000]	Dec [2000]	ML	Count Rate[a] [ct s^{-1}]	$HR1$	$HR2$	V [mag]	$\log(f_x/f_v)$	SpT	W(Hα) [Å]	W(Li) [Å]	Refs./Comments
RXJ2311.0+2142a	23:11:00.1	+21:42:55	71.5	0.09791 ± 0.01619	0.32 ± 0.17	0.46 ± 0.17	11.1	−1.65	K4	1.04	···	···
RXJ2311.0+2142b							12.4	−1.13	G5	2.68	···	···
RXJ2311.0+2142c							14.4	−0.33	M1	0.31	···	···
RXJ2311.3+1737	23:11:21.0	+17:37:55	18.6	0.02957 ± 0.01037	> 0.56	0.34 ± 0.31	16.3:	−0.09	···	···	···	···
RXJ2311.3+1450[c]	23:11:21.3	+14:50:52	25.0	0.03009 ± 0.00990	0.87 ± 0.30	0.13 ± 0.33	11.3	−2.10	K5	1.10	···	···
RXJ2312.0+2245	23:12:04.5	+22:45:25	14.0	0.02200 ± 0.00873	> 0.42	-0.70 ± 0.33	9.8	−2.81	G3	3.00	0.09	note
RXJ2312.2+1503	23:12:12.5	+15:03:10	14.9	0.03621 ± 0.01254	-0.11 ± 0.34	0.01 ± 0.50	13.7	−1.06	M3	−4.26	···	···
RXJ2312.4+1902a	23:12:25.6	+19:02:24	27.9	0.04761 ± 0.01232	-0.05 ± 0.29	0.93 ± 0.57	10.6	−2.16	G5	2.47	···	···
RXJ2312.4+1902b							11.2	−1.92	K4	−0.54	···	···
RXJ2312.5+1709	23:12:28.5	+17:09:30	292.	20.32215 ± 0.03071	-0.35 ± 0.10	0.33 ± 0.18	11.0	−1.18	K8	−0.72	···	note
RXJ2312.5+1349	23:12:32.6	+13:49:32	8.2	0.02019 ± 0.00890	0.46 ± 0.42	0.17 ± 0.47	15.2:	−0.68	···	···	···	···
RXJ2312.6+1923a	23:12:36.4	+19:23:01	11.4	0.03036 ± 0.01062	0.42 ± 0.31	0.23 ± 0.36	10.7	−2.32	G5	1.36	···	···
RXJ2312.6+1923b							11.5	−2.00	K1	1.73	···	···
RXJ2313.0+2345	23:13:01.8	+23:45:35	29.2	0.04747 ± 0.01182	-0.17 ± 0.26	-0.45 ± 0.37	9.9	−2.44	F8	3.46	0.25	···
RXJ2313.8+2117	23:13:48.9	+21:17:40	13.6	0.04100 ± 0.01155	-0.21 ± 0.30	0.32 ± 0.57	15.7:	−0.19	M0	0.72	···	···
RXJ2313.9+1429	23:13:52.3	+14:29:04	18.2	0.03562 ± 0.01149	-0.09 ± 0.32	-0.12 ± 0.49	13.6	−1.09	M3	−2.24	···	···
RXJ2313.9+2254	23:13:54.7	+22:54:46	8.4	0.02112 ± 0.00904	0.04 ± 0.48	0.17 ± 0.52	15.6:	−0.52	···	···	···	···
RXJ2313.9+1444	23:13:57.2	+14:44:30	97.7	0.11808 ± 0.02026	0.81 ± 0.11	0.38 ± 0.16	14.8	−0.08	K4	1.25	···	···
RXJ2314.1+1633a	23:14:07.0	+16:33:16	10.1	0.04567 ± 0.01930	0.54 ± 0.45	0.36 ± 0.43	9.4	−2.65	G5V	2.11	···	···
RXJ2314.1+1633b							15.4	−0.26	G7	2.26	···	···
RXJ2314.3+1510	23:14:20.4	+15:10:25	10.1	0.07089 ± 0.02215	0.11 ± 0.41	-0.41 ± 0.49	10.5	−2.03	K0	1.67	···	···
RXJ2314.6+2048a	23:14:38.2	+20:48:32	13.7	0.02442 ± 0.00924	0.55 ± 0.39	-0.16 ± 0.39	11.0	−2.31	G9	1.89	···	···
RXJ2314.6+2048b							15.8	−0.37	···	···	···	···
RXJ2314.7+2428	23:14:46.1	+24:28:35	11.9	0.02105 ± 0.00864	0.48 ± 0.43	0.35 ± 0.45	12.7	−1.68	G0	3.19	···	···
RXJ2315.2+1828	23:15:16.5	+18:28:35	61.4	0.07657 ± 0.01509	0.77 ± 0.16	0.68 ± 0.17	15.0:	−0.20	···	···	···	AGN
RXJ2316.1+2210	23:16:04.6	+22:10:37	28.3	0.04236 ± 0.01082	-0.27 ± 0.25	-0.13 ± 0.42	9.0	−2.87	G5	2.43	0.10	···
RXJ2316.3+1750	23:16:19.3	+17:50:38	12.2	0.02604 ± 0.00939	-0.25 ± 0.38	0.04 ± 0.64	8.4	−3.29	F8	3.31	···	···
RXJ2316.6+2349	23:16:38.8	+23:49:17	10.2	0.01711 ± 0.00792	< -0.61	···	15.3:	−0.73	···	···	···	···
RXJ2317.3+1359	23:17:23.7	+13:59:09	16.6	0.03233 ± 0.01057	0.28 ± 0.30	-0.04 ± 0.39	13.8	−1.04	G5	2.32	···	···
RXJ2317.5+1936	23:17:28.1	+19:36:55	381.1	0.36600 ± 0.03037	-0.40 ± 0.08	0.05 ± 0.16	11.7	−0.82	M4	−4.61	···	···
RXJ2317.5+2315	23:17:32.0	+23:15:27	12.3	0.01879 ± 0.00837	0.80 ± 0.23	0.23 ± 0.35	16.8	−0.09	···	···	···	···
RXJ2318.2+2035	23:18:17.3	+20:35:35	13.8	0.02310 ± 0.00857	0.75 ± 0.31	-0.02 ± 0.37	11.9	−1.97	G6	2.42	···	···
RXJ2318.5+1957	23:18:30.6	+19:57:44	15.1	0.02220 ± 0.00915	> 0.55	-0.24 ± 0.34	15.9:	−0.37	···	···	···	···
RXJ2319.5+1916	23:19:31.9	+19:16:51	18.6	0.04677 ± 0.01398	0.00 ± 0.29	-0.14 ± 0.41	12.6	−1.39	K8	-1.12	···	···
RXJ2320.0+1318	23:20:03.5	+13:18:27	13.5	0.02270 ± 0.00861	-0.14 ± 0.38	0.37 ± 0.53	9.8	−2.82	···	···	···	···
RXJ2320.0+2105a	23:20:05.8	+21:05:20	9.9	0.02229 ± 0.00940	0.98 ± 0.92	0.96 ± 0.28	12.3	−1.82	···	···	···	···
RXJ2320.0+2105b							15.7:	−0.45	···	···	···	···
RXJ2320.0+2105c							16.3:	−0.21	···	···	···	···
RXJ2320.0+2105d							16.4:	−0.17	···	···	···	···
RXJ2320.4+1647	23:20:22.9	+16:47:18	17.2	0.26836 ± 0.09027	0.43 ± 0.33	0.10 ± 0.44	11.3	−1.15	K2	1.08	0.18	3
RXJ2321.2+2306	23:21:12.2	+23:06:34	12.8	0.02936 ± 0.00964	-0.50 ± 0.30	> 0.17	15.2:	−0.52	···	···	···	···
RXJ2321.9+2317	23:21:52.9	+23:17:03	53.8	0.05503 ± 0.01244	0.90 ± 0.16	0.55 ± 0.18	10.3	−2.21	K5	-0.62	···	···

TABLE 3. (continued)

Name	RA [2000]	Dec [2000]	ML	Count Rate[a] [ct s^{-1}]	$HR1$	$HR2$	V [mag]	$\log(f_x/f_v)$	SpT	W(Hα) [Å]	W(Li) [Å]	Refs./Comments
MBM55 *ROSAT* pointed observation stars												
RXJ2307.3+1501	23:07:18.4	+15:01:03	21.9	0.01626 ± 0.00318	-0.57 ± 0.16	0.01 ± 0.37	14.0:	−1.27	M2V	−3.10	...	...
RXJ2309.8+1447	23:09:49.3	+14:47:09	84.7	0.00787 ± 0.00113	0.44 ± 0.14	0.13 ± 0.17	17.4:	−0.22	...	...	...	...
RXJ2310.1+1445	23:10:11.8	+14:45:11	19.8	0.00208 ± 0.00064	> 0.37	0.38 ± 0.30	17.9:	−0.60	...	...	...	...
RXJ2310.2+1440	23:10:13.9	+14:40:46	23.3	0.00287 ± 0.00083	> 0.46	-0.70 ± 0.23	15.4:	−1.46	...	...	...	...
RXJ2310.2+1507	23:10:15.6	+15:07:53	17.2	0.00203 ± 0.00063	> 0.37	0.16 ± 0.31	17.1:	−0.93	...	...	...	...
RXJ2310.3+1447[c]	23:10:18.5	+14:47:21	522.9	0.02675 ± 0.00190	-0.22 ± 0.07	0.10 ± 0.11	15.1	−0.60	M4	−5.10	...	...
RXJ2310.4+1505	23:10:24.8	+15:05:36	14.3	0.00162 ± 0.00057	0.70 ± 0.48	0.51 ± 0.34	15.8:	−1.55	...	...	...	...
RXJ2310.4+1504	23:10:29.2	+15:04:40	9.7	0.00169 ± 0.00058	-0.21 ± 0.35	-0.17 ± 0.50	14.3	−2.14	...	...	...	...
RXJ2310.5+1500	23:10:34.9	+15:00:19	27.1	0.00195 ± 0.00057	> 0.49	0.11 ± 0.30	14.2	−2.12	...	...	...	...
RXJ2310.8+1503	23:10:48.6	+15:03:34	227.2	0.01256 ± 0.00128	0.16 ± 0.10	0.07 ± 0.13	13.3	−1.68	K7	−1.24	...	...
RXJ2310.9+1450	23:10:56.4	+14:50:29	36.6	0.00170 ± 0.00055	> 0.60	> 0.76	16.1:	−1.41	...	...	...	...
RXJ2311.2+1505	23:11:13.2	+15:05:17	13.1	0.00121 ± 0.00050	> 0.39	-0.21 ± 0.35	16.4:	−1.44	...	...	...	...
RXJ2311.3+1450[c]	23:11:20.7	+14:50:51	392.8	0.01845 ± 0.00163	0.91 ± 0.06	0.33 ± 0.09	11.3	−2.31	K5	1.10	...	...
RXJ2311.4+1448	23:11:24.8	+14:48:48	19.7	0.00243 ± 0.00072	0.60 ± 0.34	0.19 ± 0.29	16.8:	−0.97	...	...	...	...
RXJ2311.8+1452	23:11:49.2	+14:52:05	47.2	0.00971 ± 0.00155	0.39 ± 0.17	0.19 ± 0.19	17.2:	−0.21	...	...	...	...

[a]These are broad band (0.1–2.0 keV) count rates.
[b]The optical source is just outside of the 40" error circle.
[c]This source was detected in both the RASS and ROSAT pointed observations.

References for Table 3.

(1) The Ha and lithium measurements listed in the table are from Frasca & Catalano (1994) and Fekel & Balachandran (1993), respectively. (2) This star is listed as a BY Dra candidate in the EEMSS (Stocke et al. 1991). (3) Cutispoto et al. (1996) list this star as a binary with K1/2 IV and F5 V components. It is listed as a G5 in SIMBAD.

Notes to Table 3.

The RA coordinates are in hh:mm:ss.s, the Dec coordinates are ±dd:mm:ss, negative values of W(Hα) indicate emission lines. The errors in equivalent width measurements are ~ 0.06 Å.
(RXJ0232.8+1502) The Hipparcos measurement places this star at 29 ± 1 pc so it is a foreground object to MBM7.
(RXJ0235.8+2012) The M2 star corresponding to this X-ray source is just outside of the X-ray error circle however it probably is the source of the X-rays since the hardness ratios and log(f /fv) are typical for M stars. However, it is not associated with MBM7 since the Hipparcos distance measurement shows it is a foreground object at 14.0 ± 0.4 pc.
(RXJ2256.6+1633) The Hipparcos measurement of this M star (HIP 113296) shows that it is a foreground object at 6.9 0.1 pc.
(RXJ2303.1+2055) The Hipparcos measurement of this G5V star (HIP 113829) shows that it is a foreground object at 24.3 ± 0.5 pc.
(RXJ2306.5+1954) The Hipparcos measurement of this F7V star (HIP 114096) shows that it is a foreground object at 28 ± 1 pc.
(RXJ2307.3+1501) This star is actually $\sim 47'$off axis in the *ROSAT* PSPC field of view and just outside of the X-ray error circle, however the X-ray position is probably inaccurate given that it is so far off-axis. Nevertheless, this star was found to have Ha in emission but no lithium absorption by Martín & Kun (1996). Its classification as a dMe star is consistent with $HR1 = -0.57$.
(RXJ2310.0+1425a,c) The c component of these 3 stars is listed as a high proper motion star in SIMBAD. It could not be found in the X-ray error circle on the POSS plate or at the telescope. In any case the brighter 7.7 mag G0 star (HIP 114378) at a distance of 26 ± 1 pc is the most likely source of the X-rays.
(RXJ2312.0+2245) This star is listed as a G0 in SIMBAD.
(RXJ2312.5+1709) This star is listed as a K5 in SIMBAD.