TABLE 3

SPECTROSCOPY PARAMETERS

UGC	n	i	$cz_{\rm LG}$	$cz_{\rm CMB}$	W_{15}	W_{20}	V_{max}	$V_{2.2}$	V_{opt}	W_{hist}	ls_m	ls_r	ls_{24}	n_{24}	σ_{24}	D
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
14	1	52	7482	6913	408.7	408.2	406.0	402.6	404.9	415.0	0.03	0.03	0.17	6	0.67	106.89
111	1	71	6527	5986	229.6	231.1	237.4	229.3	0.0	227.6	0.21	0.18	0.00	5	0.00	93.24
166	1	58	5066	4507	277.1	278.7	289.4	287.6	289.3	277.7	0.22	0.27	0.73	8	0.54	72.37
179	1	59	4679	4124	228.5	232.9	251.5	230.3	244.2	237.8	0.23	0.26	-0.23	6	2.38	66.84
195	2	76	5874	5356	248.4	247.2	261.5	242.4	258.7	252.4	0.25	0.30	0.55	6	1.71	83.92
210	1	65	4681	4129	226.2	229.0	269.8	231.6	255.3	258.3	0.30	0.30	-0.06	6	0.66	66.87
229	1	52	7432	6879	246.2	247.4	286.5	231.3	261.4	249.0	0.35	0.24	0.00	4	0.00	106.17
272	1	68	4027	3551	224.2	224.7	252.7	232.3	251.6	225.5	0.39	0.38	2.80	8	1.88	57.53
299	1	58	6532	5986	383.9	379.1	442.2	370.6	413.9	393.1	0.33	0.32	0.00	4	0.00	93.32
310	1	79	4884	4339	175.3	179.1	190.2	170.5	0.0	163.6	0.48	0.48	1.93	8	1.15	69.77
346	2	66	6097	5556	281.3	279.7	303.0	280.3	0.0	277.5	0.40	0.41	-0.80	5	1.16	87.10
533	1	71	5642	5142	266.3	265.9	269.4	243.9	266.2	231.5	0.38	0.28	0.15	8	0.48	80.60
540	1	53	5190	4670	246.9	246.1	263.0	216.4	260.2	233.8	0.58	0.52	0.00	4	0.00	74.15
562	2	68	5669	5150	419.6	416.6	477.6	469.0	476.5	496.3	0.11	0.09	0.58	6	0.41	80.98
565	1	75	5860	5342	215.9	218.6	233.6	213.2	0.0	199.4	0.51	0.53	-0.11	6	0.71	83.71
624	1	68	4985	4474	537.7	539.3	545.3	543.9	545.2	586.0	0.03	0.01	0.13	8	0.09	71.22
633	1	80	5782	5271	327.1	328.5	365.3	337.3	353.6	357.7	0.18	0.19	0.68	6	0.27	82.60
673	1	71	6460	5955	270.8	270.0	271.1	257.4	269.0	256.8	0.29	0.27	0.96	6	0.61	92.28
732	2	54	5644	5145	282.3	281.9	366.2	319.8	382.1	315.0	0.39	0.24	0.70	5	0.67	80.63
783	1	57	6138	5650	350.2	347.1	343.6	325.4	342.2	330.6	0.18	0.17	-0.13	6	0.70	87.68
784	1	59	5031	4626	323.3	326.0	308.5	306.1	308.4	316.0	0.05	-0.04	-0.06	6	0.35	71.88
810	1	79	5038	4546	221.4	222.1	275.6	238.0	271.7	237.0	0.40	0.44	-0.70	8	1.09	71.97
890	1	75	5045	4636	281.9	282.0	351.1	290.1	323.8	311.3	0.34	0.36	1.21	7	1.36	72.07
899	1	58	9384	8912	337.4	333.9	405.9	348.7	384.1	371.8	0.27	0.30	0.00	4	0.00	134.06
927	1	58	6206	5723	274.0	270.6	314.0	301.4	0.0	273.5	0.32	0.33	0.23	6	0.67	88.65
987	1	77	4853	4374	351.6	352.5	374.2	368.5	363.9	389.1	-0.01	-0.09	0.60	7	0.19	69.33
1037	1	69	15692	15221	492.8	500.1	499.9	491.8	499.3	513.7	0.14	0.13	0.00	2	0.00	224.17
1053	1	49	9121	8718	440.6	442.0	469.9	459.8	0.0	462.5	0.12	0.18	0.00	5	0.00	130.30
1083	1	62	4657	4216	348.8	347.8	306.3	300.3	295.5	327.1	-0.03	-0.08	-0.17	6	0.31	66.52
1094	1	77	4546	4076	421.3	418.7	486.1	441.4	480.0	461.4	0.30	0.29	0.00	5	0.00	64.94
1118	1	78	3612	3214	220.1	217.4	229.6	218.5	0.0	212.4	0.44	0.59	1.20	12	0.78	51.59
1152	2	58	6805	6342	302.3	299.7	312.8	309.6	311.2	318.5	0.12	0.09	0.00	4	0.00	97.21
1174	1	52	17072	16708	457.3	458.0	472.6	465.5	471.6	497.2	0.29	0.26	0.00	3	0.00	243.89
1192	1	55	3110	2693	317.2	318.6	308.0	305.6	0.0	305.3	0.08	0.06	0.70	13	0.22	44.43
1235	1	60	5418	5042	257.0	255.5	236.0	213.0	0.0	220.1	0.31	0.54	-0.30	6	3.80	77.41
1426	1	77	4504	4171	264.3	263.3	318.8	256.2	290.7	254.8	0.38	0.39	0.50	8	0.24	64.35
1437	2	43	5076	4643	479.0	479.7	472.5	470.4	464.0	476.5	0.07	0.04	0.35	8	0.42	72.52
1457	1	65	7038	6698	420.6	418.9	426.2	420.6	0.0	436.0	0.09	0.16	-0.68	6	0.64	100.54
1531	1	75	8296	7901	335.6	338.3	380.9	354.6	377.4	357.6	0.30	0.34	0.00	3	0.00	118.51
1536	1	64	7679	7317	338.6	340.7	367.1	324.3	350.2	356.2	0.25	0.19	0.00	3	0.00	109.70
1550	1	82	5949	5524	407.9	410.2	415.5	0.0	0.0	433.3	0.00	0.00	0.00	0	0.00	84.98
1554	1	69	2218	1829	280.4	277.9	276.4	273.7	0.0	296.7	0.11	0.14	0.54	15	0.38	31.69
1660	1	49	7485	7070	237.5	240.3	237.5	235.0	0.0	247.9	0.24	0.22	0.00	4	0.00	106.93
1697	1	67	11261	10956	664.2	676.6	717.4	716.5	0.0	734.2	0.66	0.12	0.00	0	0.00	160.86
1706	1	69	4937	4541	260.4	259.1	282.7	242.6	0.0	249.0	0.48	0.48	1.57	6	0.48	70.53
1812	1	64	4668	4287	236.5	234.5	252.9	231.5	0.0	236.4	0.43	0.44	-0.27	8	0.49	66.68
1835	1	45	5229	4845	455.2	454.5	425.0	425.0	0.0	469.5	0.00	0.27	0.00	4	0.00	74.69
1848	1	68	10844	10464	377.0	380.7	419.3	404.5	416.4	408.1	0.11	0.08	0.00	4	0.00	154.91
1886	2	59	5038	4647	455.9	468.6	535.8	531.0	0.0	557.7	0.10	0.10	0.00	0	0.00	71.97
1888	1	57	1618	1263	207.8	208.0	287.7	0.0	0.0	257.0	0.00	0.00	0.00	0	0.00	23.11
1935	1	78	5142	4763	396.3	393.6	438.1	407.8	0.0	434.4	0.06	0.09	0.82	11	0.15	73.45

TABLE 3—*Continued*

UGC	n	i	$cz_{\rm LG}$	$cz_{\rm CMB}$	W_{15}	W_{20}	V_{max}	$V_{2.2}$	V_{opt}	W_{hist}	ls_m	ls_r	ls_{24}	n_{24}	σ_{24}	D
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1976	1	69	9276	8896	421.2	421.0	464.1	451.3	0.0	458.1	0.13	0.14	0.00	2	0.00	132.52
1995	1	55	7342	7064	356.9	353.1	366.2	344.9	359.8	365.9	0.16	0.20	0.00	4	0.00	104.89
2134	1	68	4695	4342	311.6	311.4	315.4	315.3	0.0	324.2	0.01	0.09	0.27	8	0.27	67.07
2151	1	67	11064	10711	474.6	469.8	434.4	434.3	0.0	445.9	0.03	0.03	0.00	4	0.00	158.05
2176	1	69	6413	6136	330.9	330.6	335.8	318.4	328.7	338.9	0.12	0.11	0.02	6	0.17	91.62
2185	1	79	4523	4159	387.4	392.2	404.5	400.8	0.0	408.7	0.16	0.17	-0.15	10	0.34	64.62
2220	1	67	7599	7292	328.5	331.3	360.0	336.2	354.4	354.8	0.17	0.20	0.00	4	0.00	108.55
2223	1	78	5129	4774	262.4	262.6	305.9	276.2	0.0	274.1	0.48	0.41	0.36	7	0.28	73.27
2405	1	71	7748	7499	384.2	385.7	404.5	382.7	0.0	390.4	0.22	0.22	0.05	6	0.46	110.69
2628	1	79	6827	6655	343.9	348.8	385.7	363.1	379.7	364.2	0.20	0.18	0.61	6	0.36	97.52
2679	1	80	6640	6468	429.0	433.0	427.6	420.7	425.7	432.5	0.08	0.07	0.00	0	0.00	94.86
2690	1	67	6275	6113	281.8	277.6	330.0	293.6	320.2	321.5	0.28	0.37	-0.95	6	0.34	89.65
2969	1	71	5118	5069	240.4	238.8	323.9	257.8	0.0	254.2	0.63	0.60	0.53	7	1.49	73.12
3049	1	66	7614	7597	409.0	404.9	411.9	396.5	408.5	401.1	0.16	0.15	0.00	4	0.00	108.77
3062	1	61	3467	3468	297.5	300.9	307.5	0.0	0.0	279.8	0.00	0.00	0.00	0	0.00	49.52
3103	2	73	3439	3453	436.0	437.5	469.0	465.5	0.0	443.2	0.22	0.22	0.24	9	0.91	49.13
3209	1	64	8297	8343	309.6	307.8	350.7	320.3	341.4	319.2	0.24	0.31	0.00	0	0.00	118.52
3231	1	62	4746	4821	257.4	253.4	265.4	235.3	257.7	237.6	0.34	0.25	1.09	7	0.93	67.81
3248	1	74	8849	8916	415.9	420.4	428.3	426.5	0.0	430.1	0.07	0.08	0.17	6	0.21	126.41
3261	1	52	5143	5156	310.3	311.4	330.9	325.7	0.0	310.7	0.20	0.14	1.21	7	0.66	73.47
3269	2	42	8905	8976	374.4	377.3	379.8	368.0	0.0	384.9	0.19	0.19	0.00	4	0.00	127.21
3270	1	62	8560	8634	325.9	325.5	367.2	343.1	0.0	330.4	0.27	0.25	0.00	4	0.00	122.28
3291	1	68	8798	8884	201.4	201.0	215.8	179.4	210.2	195.3	0.66	0.66	0.00	5	0.00	125.69
3410	1	75	4084	3857	457.6	451.7	482.2	480.9	0.0	489.0	0.10	0.10	0.43	9	0.14	58.35
3420	2	76	5283	5079	527.8	523.9	501.7	495.2	535.8	517.6	0.20	0.11	0.00	0	0.00	75.47
3652	2	70	4473	4683	355.9	352.9	355.0	331.5	351.3	351.4	0.29	0.30	0.66	8	0.58	63.90
3717	1	71	4414	4253	311.8	309.7	334.3	334.2	0.0	343.7	0.01	0.18	0.00	1	0.00	63.06
3741	1	59	5362	5383	259.9	259.0	316.5	272.6	309.8	282.0	0.35	0.40	0.60	6	0.40	76.60
3766	1	57	4809	5074	361.7	357.6	353.5	335.1	349.5	347.2	0.18	0.13	-0.42	6	7.64	68.70
3823	1	56	8418	8683	478.2	479.3	446.6	0.0	0.0	456.6	0.00	0.00	0.00	0	0.00	120.26
3834	2	69	2231	2032	243.0	242.2	254.7	242.2	0.0	235.2	0.24	0.16	0.86	13	0.48	31.87
3876	2	58	806	1019	236.4	239.3	240.8	222.8	0.0	226.1	0.35	0.56	0.59	12	0.96	11.52
3944	1	64	3887	4038	301.6	293.4	290.1	262.9	285.4	275.8	0.28	0.18	-1.28	8	0.53	55.53
3991	2	56	4269	4191	245.1	248.2	257.0	228.7	255.5	232.7	0.37	0.38	1.63	6	0.64	60.98
4027	1	62	5747	5767	455.3	456.6	442.8	441.7	0.0	475.5	0.03	0.18	-0.46	8	0.30	82.10
4128	1	51	6086	6065	368.9	366.9	340.5	340.5	0.0	393.2	0.00	0.32	0.00	4	0.00	86.94
4154	1	64	4488	4848	302.9	295.9	224.6	224.5	0.0	244.0	0.15	0.11	0.00	3	0.00	64.12
4180	1	61	5162	5425	342.7	341.0	397.3	373.3	0.0	360.3	0.26	0.26	0.33	7	0.24	73.75
4213	1	59	6834	6902	286.8	280.9	258.1	255.8	257.9	280.2	0.09	0.21	0.00	4	0.00	97.63
4232	1	76	5047	5387	181.8	182.3	195.3	186.8	0.0	193.2	0.50	0.61	2.31	6	0.93	72.11
4299	1	83	4196	4508	343.4	337.3	282.5	0.0	0.0	311.9	0.00	0.00	0.00	0	0.00	59.95
4301	1	66	5905	6176	345.6	346.3	396.3	358.9	387.4	377.8	0.28	0.30	0.08	6	0.21	84.36
4326	1	70	4850	4766	415.6	416.4	425.1	409.5	423.3	415.4	0.12	0.05	0.63	7	0.41	69.29
4353	1	60	4434	4367	259.4	255.1	264.8	251.1	0.0	240.4	0.55	0.50	-0.24	6	2.46	63.34
4419	4	68	5814	6182	454.6	447.7	432.9	420.9	426.3	426.5	0.19	0.16	0.61	5	1.00	83.05
4429	1	68	7373	7555	397.7	396.8	411.3	366.4	0.0	366.9	0.39	0.35	0.00	1	0.00	105.34
4461	1	74	5051	5127	313.8	313.3	298.4	285.3	293.8	308.0	0.13	0.14	0.10	7	0.92	72.16
4475	1	71	13594	13668	504.3	508.3	516.9	493.4	511.1	525.9	0.19	0.19	0.00	3	0.00	194.19
4511	1	66	7624	7901	376.2	374.4	395.1	334.0	373.0	386.0	0.33	0.30	1.31	6	0.90	108.92
4580	1	56	7048	7172	348.0	344.5	379.8	344.6	367.7	370.0	0.23	0.06	0.00	4	0.00	100.69
4746	1	67	5952	6294	314.8	314.4	333.1	302.4	327.1	306.2	0.24	0.23	0.44	7	0.56	85.03

TABLE 3—*Continued*

UGC	n	i	$cz_{\rm LG}$	$cz_{\rm CMB}$	W_{15}	W_{20}	V_{max}	$V_{2.2}$	V_{opt}	W_{hist}	ls_m	ls_r	ls_{24}	n_{24}	σ_{24}	D
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
4779	1	60	1385	1401	318.5	319.9	345.0	329.4	0.0	307.2	0.25	0.20	0.31	20	0.38	19.78
4825	1	69	1637	1495	276.1	275.5	312.6	292.1	0.0	297.0	0.24	0.27	0.86	16	0.45	23.39
4888	1	67	2419	2305	308.0	308.2	331.3	323.2	0.0	321.4	0.23	0.36	-0.01	14	0.42	34.56
4895	1	67	7000	7335	448.4	443.3	466.5	450.6	0.0	456.0	0.18	0.15	0.45	6	0.21	99.99
4900	1	56	5481	5961	263.2	260.4	224.8	219.3	0.0	229.8	0.15	0.10	1.51	6	1.31	78.30
4981	1	72	4185	4125	213.7	214.8	285.1	250.2	273.5	265.9	0.33	0.30	0.00	5	0.00	59.79
4996	1	71	3297	3824	195.9	201.2	239.5	185.3	225.5	197.4	0.54	0.53	0.36	8	1.03	47.10
5058	1	77	6567	6517	339.7	337.7	329.1	325.1	328.8	336.9	0.11	0.12	0.49	6	0.50	93.81
5102	1	70	2277	2751	284.5	285.8	331.3	280.6	312.4	302.1	0.32	0.19	0.99	10	0.29	32.52
5134	1	73	3180	3660	385.2	378.4	425.3	395.3	414.0	401.1	0.16	0.15	0.90	8	0.33	45.42
5166	1	57	6984	7258	478.5	495.8	489.3	487.3	489.0	521.4	0.03	-0.05	-0.36	6	0.21	99.77
5183	1	54	1244	1556	307.9	305.9	341.2	0.0	0.0	364.6	0.00	0.00	0.00	0	0.00	17.77
5185	1	69	8447	8784	498.1	495.8	513.3	500.0	0.0	494.0	0.21	0.25	0.00	5	0.00	120.67
5237	1	66	4715	4887	268.9	268.8	255.0	251.4	0.0	261.8	0.09	0.11	-0.16	7	1.46	67.35
5250	1	63	4791	4990	414.3	407.7	397.1	390.9	396.0	392.7	0.08	0.11	0.40	9	0.18	68.45
5359	1	72	8429	8852	411.7	410.3	440.0	417.5	433.2	448.8	0.16	0.18	0.00	4	0.00	120.42
5396	1	69	5250	5733	326.0	324.5	425.4	328.4	398.5	325.1	0.61	0.63	2.10	7	1.16	75.01
5424	1	69	8638	9163	309.4	301.3	292.4	278.9	0.0	288.7	0.27	0.29	0.00	3	0.00	123.40
5505	2	64	2669	3142	265.5	260.8	324.6	295.2	319.9	240.1	0.38	0.25	0.27	8	0.64	38.13
5573	2	58	8402	8915	423.0	423.6	388.8	375.5	384.4	398.0	0.10	0.09	0.00	3	0.00	120.03
5604	1	68	5089	5272	339.6	339.8	376.5	349.6	0.0	358.2	0.25	0.16	0.00	4	0.00	72.71
5607	1	67	6660	7187	445.3	440.5	381.3	381.3	381.3	414.7	0.00	-0.02	0.00	4	0.00	95.14
5631	1	62	2224	2283	272.0	268.4	255.5	253.7	248.8	259.0	0.03	0.01	0.76	9	0.63	31.78
5654	1	55	9708	10164	355.4	348.8	309.6	299.7	307.5	299.0	0.12	0.11	0.00	3	0.00	138.69
5696	1	57	10544	10967	466.2	465.2	496.0	493.5	495.6	512.6	0.03	0.02	0.00	5	0.00	150.63
5715	1	49	8396	8941	453.6	458.2	452.8	446.3	450.4	459.6	0.07	0.01	0.00	4	0.00	119.95
5717	1	56	1810	1796	280.1	284.2	278.1	257.7	274.3	262.0	0.21	0.21	0.22	10	0.15	25.86
5753	1	62	1574	1845	384.6	382.3	415.0	409.7	0.0	402.2	0.21	0.25	1.55	18	0.26	22.48
5774	1	61	2756	3230	298.5	293.3	258.4	248.4	238.8	279.5	-0.09	-0.04	0.92	6	0.89	39.37
5794	1	67	2369	2540	254.3	253.3	257.0	254.3	256.6	275.9	0.06	0.04	-1.31	13	0.30	33.84
5820	1	71	3888	3707	294.6	298.6	324.7	266.3	301.1	290.1	0.34	0.35	1.55	6	1.23	55.54
5852	1	56	6019	6530	367.6	358.6	366.4	334.5	347.0	400.6	0.10	0.01	0.00	5	0.00	85.99
5872	1	67	9704	9852	356.2	357.1	432.3	396.3	415.7	386.4	0.16	0.26	0.00	2	0.00	138.62
5897	1	75	2582	3066	306.5	303.5	311.3	289.6	0.0	283.1	0.22	0.19	0.40	8	0.95	36.89
5929	1	63	7808	8329	295.7	289.8	301.9	266.5	0.0	247.1	0.43	0.31	0.00	4	0.00	111.54
5932	1	69	12882	12870	561.5	568.7	573.6	573.5	0.0	577.4	0.18	0.06	0.00	0	0.00	184.03
5995	1	69	1204	1600	265.0	262.9	336.3	315.5	330.4	333.1	0.13	0.14	0.12	17	0.14	17.20
5997	1	71	1426	1320	264.9	265.8	295.4	0.0	0.0	285.0	0.00	0.00	0.00	0	0.00	20.38
6023	1	61	1277	1637	259.8	260.7	268.7	256.8	266.1	266.7	0.12	0.14	0.83	15	0.43	18.24
6215	2	71	2940	3044	339.3	343.1	407.5	394.1	0.0	389.0	0.22	0.31	-0.50	6	0.53	41.99
6262	1	64	3128	3595	312.3	313.1	301.2	284.8	294.6	287.6	0.11	0.02	-0.14	8	0.25	44.68
6290	1	52	5758	6233	204.1	207.1	203.0	192.2	0.0	165.4	0.30	0.27	1.23	6	1.59	82.26
6325	1	70	7485	7854	339.9	336.2	391.5	337.5	368.3	373.2	0.29	0.34	0.00	5	0.00	106.93
6338	1	64	7515	7788	392.0	391.5	383.4	381.9	383.4	384.2	0.42	0.45	0.00	4	0.00	107.36
6376	1	59	4167	4575	631.2	621.1	569.2	564.7	568.3	618.8	0.03	0.10	0.45	8	0.71	59.53
6493	1	61	2747	3120	252.2	253.3	252.8	247.6	0.0	248.2	0.18	0.12	0.94	10	0.97	39.24
6530	1	55	13235	13140	631.4	635.1	625.9	599.3	0.0	610.7	0.28	0.10	0.00	0	0.00	189.07
6544	1	62	7133	7509	401.4	401.8	447.3	420.8	0.0	431.5	0.29	0.30	0.00	5	0.00	101.89
6595	1	71	789	939	186.6	192.5	184.9	180.6	0.0	173.1	0.12	-0.14	-0.40	20	0.27	11.27
6607	1	64	3296	3689	218.1	216.9	225.8	215.9	0.0	178.8	0.36	0.41	-0.84	9	0.80	47.08
6692	1	60	5940	6404	412.9	404.5	403.3	378.8	0.0	412.0	0.25	0.31	0.00	5	0.00	84.85

TABLE 3—*Continued*

UGC	n	i	$cz_{\rm LG}$	$cz_{\rm CMB}$	W_{15}	W_{20}	V_{max}	$V_{2.2}$	V_{opt}	W_{hist}	ls_m	ls_r	ls_{24}	n_{24}	σ_{24}	D
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
7082	1	69	8663	8763	417.2	418.2	398.6	390.3	0.0	422.8	0.15	0.11	0.00	0	0.00	123.76
7096	1	56	928	1016	415.4	412.7	401.6	0.0	0.0	421.8	0.00	0.00	0.00	0	0.00	13.25
7122	1	57	2002	1853	301.6	303.2	253.2	0.0	0.0	284.3	0.00	0.00	0.00	0	0.00	28.61
7130	1	65	3810	4113	348.4	351.9	358.1	336.7	348.8	356.2	0.12	0.08	0.53	9	0.25	54.43
7145	1	72	6738	6961	335.7	338.0	362.9	349.6	0.0	350.8	0.24	0.26	0.77	6	0.30	96.25
7234	1	64	2392	2810	288.6	288.9	354.6	344.1	353.2	358.7	0.10	0.17	-0.19	10	0.87	34.17
7334	2	62	3614	4065	323.3	327.8	366.5	0.0	0.0	357.2	0.00	0.00	0.00	0	0.00	51.63
7341	1	61	6920	7247	346.6	346.0	358.9	338.4	357.7	344.3	0.23	0.20	-0.41	6	0.49	98.86
7358	1	74	3720	3832	265.2	260.9	304.7	275.5	0.0	286.1	0.31	0.41	0.20	9	0.80	53.14
7393	1	60	4333	4361	373.2	377.1	403.7	396.2	0.0	396.7	0.13	0.13	0.28	9	0.74	61.91
7549	2	63	1563	2030	210.7	211.8	232.5	174.5	205.5	195.7	0.42	0.52	-0.58	14	0.66	22.33
7632	1	54	7378	7677	452.3	450.9	413.2	409.0	412.2	428.2	0.04	0.02	0.00	2	0.00	105.41
7749	1	66	6788	7258	505.1	507.3	514.6	503.1	511.3	526.5	0.07	0.06	0.00	5	0.00	96.97
7810	1	69	5513	5942	243.1	240.5	281.5	260.8	0.0	272.8	0.39	0.45	-0.79	6	1.01	78.75
7823	2	65	7363	7475	346.8	344.3	387.0	359.0	381.6	369.9	0.24	0.28	0.00	4	0.00	105.18
7978	1	51	8099	8347	174.0	184.3	114.2	0.0	0.0	153.6	0.00	0.00	0.00	0	0.00	115.70
8054	2	70	671	1091	267.6	267.9	256.0	238.8	249.6	258.4	0.12	0.16	0.59	22	0.26	9.59
8118	1	62	7283	7532	389.7	391.5	415.1	379.4	413.7	403.0	0.28	0.32	0.00	5	0.00	104.04
8143	1	57	9195	9227	457.8	458.4	436.0	426.1	434.8	476.3	0.10	0.08	0.00	1	0.00	131.36
8161	1	66	6653	6917	304.2	300.2	338.7	338.7	338.6	355.4	0.10	0.13	0.00	4	0.00	95.05
8337	1	63	5628	5842	338.7	340.6	353.5	346.7	0.0	366.2	0.10	0.23	0.01	7	0.57	80.41
8451	3	61	5320	5508	374.2	373.9	392.1	376.3	0.0	386.1	0.35	0.28	0.00	1	0.00	76.00
8477	1	57	4014	4307	482.3	483.7	505.6	484.5	0.0	490.7	0.14	0.13	-0.20	8	0.55	57.34
8707	1	57	12195	12174	492.5	498.5	512.4	484.6	501.0	520.7	0.12	0.17	0.00	3	0.00	174.21
8749	3	63	2713	2799	319.7	320.9	347.8	338.4	0.0	331.2	0.19	0.13	-0.03	13	0.32	38.75
8804	1	63	2597	2692	223.3	224.4	235.2	204.4	233.8	205.8	0.32	0.36	-0.66	12	0.71	37.10
8809	1	60	3704	3811	434.6	433.1	444.2	434.8	443.3	454.9	0.10	0.12	-0.01	10	0.34	52.91
8938	1	51	6236	6518	360.1	357.8	336.2	333.8	0.0	341.6	0.08	0.01	0.00	3	0.00	89.08
8944	2	52	6218	6499	388.9	386.4	360.2	353.0	358.2	382.3	0.05	0.00	0.00	4	0.00	88.82
8948	1	70	5993	6276	369.1	360.2	374.9	364.8	0.0	384.0	0.29	0.42	0.00	5	0.00	85.61
9019	1	62	11147	11357	427.2	425.4	430.5	411.8	425.1	429.2	0.16	0.15	0.00	4	0.00	159.24
9023	1	67	7187	7461	222.0	219.4	211.0	201.2	0.0	173.9	0.32	0.41	0.00	4	0.00	102.67
9026	1	40	1994	1988	263.3	269.8	248.8	243.9	0.0	256.4	0.10	0.27	0.04	14	0.16	28.48
9097	1	61	2033	2023	313.6	315.0	311.2	305.1	0.0	333.7	-0.03	-0.01	0.38	13	0.36	29.05
9121	1	70	5341	5561	352.7	352.4	353.0	335.8	349.3	341.2	0.12	0.08	0.07	7	0.26	76.29
9133	2	55	3956	4047	494.0	491.5	561.2	0.0	0.0	570.6	0.00	0.00	0.00	0	0.00	56.52
9195	1	69	15045	15203	677.5	678.9	572.2	567.6	571.0	592.8	0.08	0.02	0.00	0	0.00	214.93
9218	1	70	7205	7460	391.9	392.5	438.0	430.8	436.3	426.2	0.10	0.14	0.37	6	0.35	102.93
9255	2	64	8366	8623	669.5	681.9	747.7	697.7	736.0	741.3	0.24	0.12	0.00	0	0.00	119.52
9309	1	67	10180	10402	313.4	312.8	309.9	295.5	304.3	324.1	0.12	0.09	0.00	4	0.00	145.43
9366	1	63	2262	2232	460.3	465.2	479.6	475.9	479.5	477.2	0.08	0.12	0.48	14	0.21	32.32
9410	1	66	8424	8640	281.0	282.4	290.9	283.6	289.4	289.0	0.10	0.20	0.00	4	0.00	120.34
9467	1	59	3863	3891	283.3	281.9	283.4	277.6	282.0	302.3	0.08	0.06	0.30	7	0.17	55.18
9479	1	75	8152	8379	373.0	370.3	391.3	367.6	386.0	383.0	0.20	0.19	0.00	5	0.00	116.45
9493	1	60	1555	1792	351.7	347.8	363.7	357.1	0.0	370.4	0.09	0.02	0.19	16	0.21	22.22
9498	2	60	3407	3337	237.5	237.3	324.2	279.3	313.8	256.5	0.35	0.14	0.00	4	0.00	48.68
9598	1	72	5745	5718	387.2	389.6	397.3	366.8	389.1	383.4	0.22	0.23	0.88	6	0.50	82.07
9645	1	58	1356	1558	374.3	371.5	383.0	382.7	0.0	405.5	0.01	0.03	0.00	0	0.00	19.37
9701	1	56	10130	10160	304.3	304.0	355.0	313.3	344.6	316.1	0.33	0.33	0.00	4	0.00	144.72
9718	1	57	12274	12359	419.9	419.2	412.9	394.5	377.0	433.7	-0.02	-0.04	0.00	4	0.00	175.35
9745	1	64	3703	3605	336.8	335.4	420.7	378.6	408.2	408.4	0.22	0.24	-0.34	9	0.29	52.91

TABLE 3—*Continued*

UGC	n	i	$cz_{\rm LG}$	$cz_{\rm CMB}$	W_{15}	W_{20}	V_{max}	$V_{2.2}$	V_{opt}	W_{hist}	ls_m	ls_r	ls_{24}	n_{24}	σ_{24}	D
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
9753	1	68	959	835	287.9	289.8	268.5	268.5	0.0	279.3	0.00	0.02	-0.10	20	0.18	13.70
9757	1	68	12062	12221	550.7	555.9	601.9	597.2	0.0	602.5	0.17	0.07	0.00	0	0.00	172.31
9800	1	61	12160	12042	575.9	571.4	552.5	548.0	0.0	553.3	0.11	0.12	0.00	4	0.00	173.71
9817	1	71	5334	5257	400.5	399.2	422.0	392.8	411.2	413.4	0.14	0.18	0.23	7	0.87	76.20
9866	1	63	644	462	212.7	213.2	211.3	177.7	0.0	179.5	0.47	1.17	1.57	21	0.52	9.19
9884	1	61	2772	2703	212.9	218.1	187.4	0.0	0.0	213.4	0.00	0.00	0.00	0	0.00	39.60
9940	1	50	5892	5798	353.8	353.2	381.9	364.1	380.1	372.2	0.14	0.11	0.98	6	1.09	84.17
9973	1	71	4136	4176	186.2	189.1	238.7	209.3	0.0	216.6	0.45	0.38	0.29	8	0.72	59.08
10011	1	71	10117	10099	391.8	390.7	436.8	420.0	0.0	405.4	0.35	0.32	0.00	4	0.00	144.53
10026	1	66	5573	5626	230.6	231.2	243.1	212.7	0.0	218.6	0.43	0.59	-1.02	6	1.27	79.61
10047	1	72	7773	7547	598.8	598.9	569.0	562.4	568.9	594.4	0.77	0.08	0.00	0	0.00	111.04
10062	1	60	7904	7890	284.7	285.6	266.0	257.7	263.0	263.8	0.09	0.10	0.00	4	0.00	112.92
10096	1	62	6624	6575	308.1	307.9	358.3	334.7	356.1	344.5	0.23	0.18	0.00	4	0.00	94.62
10196	2	65	4564	4520	437.3	437.5	442.3	431.2	442.3	455.7	0.09	0.20	-0.31	8	0.39	65.20
10210	1	58	2926	2944	312.5	309.8	292.6	292.2	0.0	305.9	0.05	0.09	0.49	7	0.39	41.80
10224	2	59	9538	9486	399.7	399.0	421.0	387.0	416.7	405.5	0.28	0.29	0.00	4	0.00	136.26
10226	1	64	9234	9118	392.8	392.3	390.1	355.1	374.1	372.1	0.18	0.11	0.00	4	0.00	131.91
10230	7	64	2059	2105	377.9	376.2	393.3	377.9	364.7	384.0	0.19	0.21	0.63	14	0.39	29.41
10235	1	63	4757	4727	314.5	315.0	355.8	293.4	331.9	316.7	0.33	0.36	0.83	7	0.17	67.96
10328	1	54	1541	1534	258.8	258.4	252.0	231.7	247.6	250.4	0.21	0.20	0.00	17	0.45	22.01
10337	2	74	8852	8844	504.9	510.0	508.4	496.3	508.4	518.9	0.11	0.08	0.00	2	0.00	126.46
10413	1	80	3132	3037	240.3	241.0	237.0	0.0	0.0	233.8	0.00	0.00	0.00	0	0.00	44.74
10439	1	63	2515	2420	411.7	409.1	423.5	421.5	423.2	434.1	0.03	-0.07	0.00	12	0.32	35.93
10456	1	59	8998	8777	411.7	410.6	445.8	427.3	444.4	428.1	0.13	0.03	0.00	4	0.00	128.54
10536	2	67	5819	5565	356.0	360.2	406.7	377.1	393.5	381.5	0.14	0.14	-0.19	7	0.50	83.12
10545	2	69	9500	9315	356.1	357.2	400.5	375.1	0.0	379.6	0.24	0.25	0.06	5	0.28	135.71
10560	3	61	5340	5089	367.9	366.5	413.0	393.7	408.5	403.2	0.14	0.12	0.31	7	0.86	76.29
10621	2	63	8828	8571	600.7	604.4	573.3	573.3	0.0	616.8	0.00	0.08	0.00	2	0.00	126.11
10655	2	66	8862	8600	315.8	314.3	359.1	312.2	340.1	332.4	0.28	0.28	0.00	4	0.00	126.61
10706	1	68	8491	8256	388.6	388.8	403.3	395.5	0.0	390.8	0.22	0.21	0.00	3	0.00	121.29
10721	2	58	3102	2905	283.7	282.3	281.5	274.0	280.5	281.2	0.11	0.09	0.60	9	0.32	44.31
10779	2	69	7141	7004	437.4	430.5	456.0	420.8	0.0	440.0	0.31	0.35	0.00	3	0.00	102.02
10815	2	78	4059	3767	426.2	428.2	470.4	452.1	0.0	456.0	0.19	0.28	-0.38	10	0.39	57.98
10909	2	64	7836	7583	272.7	266.5	261.4	260.1	0.0	270.0	0.32	0.24	0.00	3	0.00	111.94
10997	1	55	3546	3277	344.3	344.9	327.6	314.9	323.7	353.0	0.11	0.11	-0.17	10	0.48	50.65
10998	1	69	7030	6704	502.8	507.1	521.5	511.4	0.0	543.4	0.10	0.15	-0.37	6	0.93	100.42
11038	1	55	7759	7444	329.5	329.3	305.4	300.8	0.0	292.4	0.15	0.16	0.00	5	0.00	110.85
11076	1	65	7790	7469	445.6	451.0	452.7	447.3	0.0	465.3	0.29	0.26	0.00	3	0.00	111.29
11085	2	68	5738	5399	321.0	316.9	353.5	328.2	357.4	335.3	0.25	0.26	-0.20	6	0.71	81.97
11118	1	54	7485	7151	333.8	326.3	305.5	264.4	287.9	273.5	0.25	0.20	0.00	5	0.00	106.93
11252	1	54	5210	4828	306.2	303.2	365.4	344.8	360.0	372.6	0.15	0.07	0.00	5	0.00	74.42
11264	1	69	5243	4867	271.1	271.4	291.5	272.7	0.0	274.0	0.32	0.36	0.00	5	0.00	74.90
11373	2	63	9005	8608	426.2	427.6	483.8	459.3	474.5	462.2	0.17	0.18	0.00	4	0.00	128.64
11555	1	53	5061	4571	210.0	215.7	164.0	0.0	0.0	177.1	0.00	0.00	0.00	0	0.00	72.30
11765	2	54	6900	6335	300.1	300.9	293.0	279.0	288.6	297.7	0.15	0.12	0.00	5	0.00	98.58
11789	1	55	9111	8571	289.5	287.7	308.0	307.5	0.0	286.9	0.16	0.17	0.00	2	0.00	130.16
11809	2	65	11124	10554	546.1	550.3	582.8	568.2	579.4	581.3	0.12	0.06	0.00	0	0.00	158.92
11810	4	71	4926	4381	331.8	331.5	345.8	325.4	339.7	328.9	0.16	0.16	0.41	7	0.34	70.37
11846	2	57	8709	8142	392.8	392.6	397.3	386.5	395.2	395.3	0.11	0.08	0.00	4	0.00	124.41
11867	2	64	5498	4964	237.5	239.6	243.1	239.8	237.0	249.9	0.14	0.04	0.80	6	1.52	78.55
11957	2	67	8623	8056	318.9	319.8	295.5	293.3	0.0	316.3	0.06	0.08	0.02	5	0.60	123.19

TABLE 3—*Continued*

UGC	n	i	$cz_{\rm LG}$	$cz_{\rm CMB}$	W_{15}	W_{20}	V_{max}	$V_{2.2}$	V_{opt}	W_{hist}	ls_m	ls_r	ls_{24}	n_{24}	σ_{24}	D
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
12045	2	59	3148	2546	288.4	288.6	324.5	268.8	298.8	276.9	0.28	0.28	-0.12	9	0.34	44.97
12052	1	62	9228	8631	299.4	298.4	276.5	276.3	276.5	307.8	0.04	-0.02	0.00	4	0.00	131.83
12093	2	55	8584	7979	434.3	434.4	437.5	416.2	435.2	426.3	0.19	0.19	0.00	4	0.00	122.63
12122	2	78	1597	987	299.3	297.9	337.2	321.5	0.0	325.8	0.28	0.39	0.50	17	0.19	22.81
12134	1	68	7592	7001	382.2	381.4	365.3	363.0	355.3	381.2	0.01	0.02	0.06	6	0.67	108.46
12159	2	64	7547	6939	579.3	586.8	562.3	549.0	560.9	587.6	0.10	0.15	0.00	0	0.00	107.81
12172	1	65	7779	7202	395.8	393.0	417.9	400.9	414.6	397.9	0.20	0.19	0.00	5	0.00	111.13
12173	1	57	5052	4456	409.0	410.5	385.9	378.8	0.0	403.6	0.09	0.09	0.02	7	0.85	72.17
12200	1	57	9949	9344	521.4	523.6	570.7	522.3	549.4	580.1	0.16	0.19	0.00	4	0.00	142.12
12230	1	66	6702	6097	470.8	470.8	475.7	475.0	475.6	483.3	0.06	0.04	0.09	7	0.47	95.74
12294	1	61	2425	1829	316.3	315.1	407.1	331.0	377.2	325.8	0.36	0.37	0.32	12	0.37	34.65
12296	1	70	10450	9849	395.6	394.5	400.4	374.7	392.0	405.3	0.20	0.22	0.00	4	0.00	149.29
12304	2	80	3660	3094	217.1	215.1	218.6	0.0	0.0	190.1	0.00	0.00	0.00	0	0.00	52.29
12319	1	69	7715	7110	383.9	383.9	438.5	419.1	431.9	418.9	0.10	0.07	-0.46	6	1.16	110.22
12325	1	60	6164	5561	374.5	375.8	408.1	383.0	0.0	380.7	0.35	0.40	0.93	6	1.55	88.06
12354	1	67	4116	3525	228.7	229.9	273.2	240.3	271.5	239.4	0.39	0.41	-0.44	6	0.87	58.81
12370	1	75	5103	4524	228.6	223.0	235.8	220.9	0.0	227.8	0.36	0.28	0.00	5	0.00	72.90
12378	2	60	6487	5884	370.5	367.3	394.5	385.5	391.9	393.8	0.10	0.11	0.55	8	0.36	92.68
12417	1	61	3700	3138	274.5	273.6	342.3	271.4	307.3	268.4	0.33	0.31	-0.94	8	0.50	52.86
12437	1	65	4916	4331	318.4	311.6	369.3	330.5	366.7	360.4	0.59	0.95	0.92	6	1.82	70.23
12447	2	72	2868	2311	417.0	418.1	388.2	380.6	386.9	421.3	0.06	0.25	0.23	13	0.15	40.97
12485	1	60	11051	10476	487.4	484.9	467.8	462.2	467.4	501.2	0.07	0.09	0.00	4	0.00	157.88
12486	2	59	5150	4588	476.9	474.9	479.0	427.3	0.0	486.0	-0.02	-0.02	-0.62	8	0.62	73.58
12494	2	75	4391	3828	190.1	188.2	287.2	273.0	0.0	177.7	0.70	0.90	-0.56	8	4.18	62.73
12498	1	62	4397	3830	263.3	262.2	305.3	0.0	0.0	301.5	0.00	0.00	0.00	0	0.00	62.82
12521	1	53	3804	3277	276.9	279.1	270.6	247.9	262.0	256.2	0.18	0.20	1.63	10	0.52	54.34
12528	1	74	8302	7710	331.9	332.2	346.7	332.5	341.4	366.8	0.11	0.14	0.00	4	0.00	118.60
12539	1	69	3953	3386	352.3	349.8	369.6	362.7	0.0	368.0	0.13	0.13	0.00	4	0.00	56.47
12543	1	76	6230	5632	255.3	252.5	397.8	246.6	359.9	238.6	0.98	0.91	0.00	4	0.00	89.00
12561	1	76	3944	3375	205.5	199.9	168.3	0.0	0.0	161.6	0.00	0.00	0.00	0	0.00	56.34
12562	2	79	4046	3469	167.8	166.2	130.6	139.9	0.0	116.0	0.49	0.70	2.93	8	1.68	57.80
12564	1	71	12618	12021	454.5	455.6	454.3	445.3	0.0	452.4	0.11	0.09	0.00	0	0.00	180.26
12598	1	60	3725	3130	381.7	384.5	384.1	361.3	377.2	383.0	0.14	0.11	0.77	8	0.40	53.22
12631	1	75	9429	8835	450.5	453.5	444.8	444.1	0.0	461.0	0.05	0.05	0.00	2	0.00	134.70
12666	1	69	5248	4659	280.1	277.9	319.5	291.9	0.0	294.5	0.42	0.45	0.58	6	1.08	74.98
12667	1	52	4050	3459	253.9	257.1	304.4	256.8	0.0	270.6	0.46	0.51	-1.41	7	0.83	57.86
12678	1	81	9198	8606	469.7	470.0	577.2	467.1	550.4	483.9	0.58	0.52	0.00	1	0.00	131.39
12701	1	76	9103	8513	292.4	287.4	305.4	258.1	282.8	280.9	0.26	0.28	0.00	4	0.00	130.05
12746	1	90	7679	7093	369.3	365.5	443.0	416.0	0.0	381.7	0.44	0.52	-1.15	6	1.49	109.71
12772	1	69	7934	7349	555.0	557.8	538.2	0.0	0.0	571.5	0.00	0.00	0.00	0	0.00	113.34
12777	1	61	3108	2573	278.8	281.5	293.2	255.3	280.9	272.7	0.32	0.29	-0.79	10	0.88	44.40
12810	1	68	8270	7752	414.4	411.5	460.7	433.1	451.3	467.2	0.15	0.19	0.00	1	0.00	118.15
12816	1	62	5486	4959	243.5	243.7	283.1	275.6	0.0	270.7	0.27	0.46	-1.06	6	2.91	78.37
12818	1	59	5737	5190	253.0	253.2	239.5	231.0	239.3	244.2	0.33	0.37	1.50	6	1.43	81.95
12834	1	60	5560	5016	634.2	638.3	626.0	622.8	0.0	650.2	0.04	0.10	0.00	1	0.00	79.43
12844	2	71	8108	7537	344.9	346.9	354.6	350.0	353.3	341.1	0.26	0.16	0.55	5	0.69	115.83
12859	1	71	5573	5041	346.6	349.8	396.5	344.5	0.0	345.9	0.53	0.60	0.00	2	0.00	79.62
406031	1	70	4931	4362	182.8	185.3	255.4	152.6	194.0	194.7	0.57	0.47	0.00	5	0.00	70.44
476112	1	61	9646	9059	414.4	406.3	472.6	426.7	460.7	446.8	0.37	0.38	0.00	3	0.00	137.80

TABLE 6

FIT PARAMETERS FOR CF GALAXIES

	Multi-Parameter Fits					Arctan Fits		
Galaxy	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν
u14 080988	-164.8	1.6	1.4	0.0	5.5	-166.7	1.1	5.2
u111 060988	122.8	4.5	1.3	0.0	1.8	127.0	3.9	2.4
u166 020989	124.0	12.2	4.7	0.0	2.9	161.0	7.7	3.1
u179 020989	-112.8	7.8	1.9	0.0	4.6	-125.9	5.2	4.8
u183 111088	234.2	12.8	10.2	0.0	1.8	235.7	0.7	2.4
u195 020989	-139.6	3.9	1.1	0.0	4.3	-134.8	3.3	4.3
u195 261089	-182.9	4.8	0.7	0.0	5.0	-132.5	4.5	5.3
u210 040989	148.9	6.1	1.0	0.0	5.7	146.2	6.2	6.3
u229 040989	150.1	5.4	0.9	0.0	10.9	132.2	5.2	10.6
u272 111088	128.9	14.6	1.8	0.0	6.2	147.1	10.9	7.0
u299 070988	-292.7	4.9	0.6	0.0	3.3	-350.8	17.6	49.8
u310 080988	-173.2	13.5	0.7	0.0	3.5	-114.1	9.5	3.6
u346 180888	-214.8	8.3	0.9	0.0	2.5	-170.1	6.1	2.4
u346 241289	-249.5	5.6	0.6	0.0	4.5	-155.4	5.6	4.8
u533 060988	142.6	11.5	1.6	0.0	4.9	151.4	7.9	5.0
u540 240190	-154.5	13.2	1.3	0.0	2.8	-140.8	7.8	2.9
u556 151288	184.0	4.8	2.4	0.0	1.5	211.3	3.0	2.0
u556 170888	192.1	6.1	5.9	0.0	5.4	229.6	3.1	9.3
u562 151288	233.1	4.8	1.4	0.0	6.1	239.9	3.7	7.9
u562 170888	225.4	6.1	2.1	0.0	9.3	241.5	3.5	9.8
u565 250987	-272.5	14.8	0.6	0.0	1.6	-168.0	14.6	2.6
u624 240190	256.7	3.8	2.3	0.0	10.4	270.5	1.8	8.2
u633 260987	191.2	5.4	1.3	0.0	2.7	193.5	4.2	2.7
u673 040989	-133.9	9.3	2.3	0.0	1.5	-149.8	5.7	1.6
u679 260987	-102.0	16.3	2.5	0.0	4.3	-125.5	12.3	4.4
u732 260987	-406.2	5.1	0.4	0.0	1.7	-161.8	5.7	1.9
u732 271089	-159.4	10.9	1.3	0.0	1.9	-159.6	7.8	1.9
u783 190888	169.7	2.3	0.8	0.0	3.7	152.8	3.0	4.3
u784 030989	134.6	2.8	2.0	0.0	2.8	142.2	1.5	2.5
u810 260987	285.3	8.8	0.5	0.0	5.8	145.0	6.0	9.0
u890 180888	238.8	8.9	0.7	0.0	4.6	161.8	6.7	6.5
u899 080988	-321.9	0.9	0.4	0.0	4.1	-164.8	2.2	4.6
u927 260987	208.2	4.3	0.6	0.0	3.0	137.7	4.7	3.6
u987 240190	174.2	7.2	3.6	0.2	6.5	216.4	3.3	8.5
u1037 020989	-249.2	3.2	1.8	0.0	2.9	-264.0	1.9	2.7
u1053 261089	200.2	0.8	0.8	0.0	7.8	177.6	0.8	3.3
u1083 060988	-126.7	5.9	4.7	0.2	5.6	-147.8	1.9	7.2
u1094 260987	-296.3	7.9	0.9	0.0	4.2	-267.9	8.5	4.7
u1118 070988	-142.9	21.4	1.2	0.0	2.6	-131.2	14.8	2.7
u1152 111088	-115.2	8.4	2.7	0.5	3.3	-147.4	2.5	3.3
u1152 190888	-122.8	9.1	2.2	0.5	2.5	-151.4	2.6	2.4
u1174 020989	196.6	6.4	4.4	0.0	8.3	228.3	3.6	9.5
u1192 180888	129.3	5.4	1.5	0.0	3.8	134.4	3.8	3.7
u1235 030989	182.9	2.6	0.5	0.0	5.2	103.8	2.9	5.8
u1426 040989	-217.6	11.3	0.8	0.0	3.5	-161.4	8.5	3.7
u1437 250987	158.2	8.9	1.3	0.6	8.6	166.3	2.0	8.0
u1437 251289	118.0	25.3	2.5	0.9	7.7	160.5	1.2	8.7
u1457 040989	-204.4	1.8	1.1	0.0	14.0	-201.1	1.6	14.0
u1531 030989	205.1	6.9	1.4	0.0	6.3	210.2	5.0	6.3
u1536 040989	-174.7	5.4	1.9	0.0	2.4	-192.2	3.6	2.7
u1550 260987	209.5	4.7	3.8	0.0	3.1	227.3	2.1	4.6

TABLE 6—*Continued*

	Multi-Parameter Fits					Arctan Fits		
Galaxy	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν
u1554 080988	-130.7	14.0	2.6	0.0	3.9	-143.1	7.1	4.2
u1622 060988	207.8	5.6	1.1	0.0	10.4	194.1	4.3	10.0
u1622 070988	194.9	4.5	1.1	0.0	10.9	184.4	3.6	10.0
u1660 241289	-92.0	6.0	3.5	0.0	3.1	-114.1	3.9	3.2
u1697 261089	343.0	13.3	11.4	0.0	1.9	458.0	7.6	3.7
u1706 271089	198.1	14.0	1.0	0.0	1.7	165.3	9.9	1.7
u1812 131190	172.4	9.4	0.9	0.0	2.7	134.1	6.5	2.9
u1835 111088	153.8	4.6	9.1	0.0	7.6	166.9	2.1	7.8
u1848 241289	-217.1	0.8	0.8	0.0	4.0	-204.8	1.4	4.2
u1880 251289	179.9	6.5	0.6	0.0	2.6	126.3	7.7	2.7
u1886 070988	-255.9	0.9	0.7	0.0	3.1	-237.2	1.6	3.0
u1886 240190	-243.0	2.9	1.1	0.0	5.9	-236.7	2.1	5.6
u1888 251289	183.7	6.8	0.6	0.0	2.6	127.5	7.8	2.7
u1935 271089	-193.0	18.0	20.0	0.2	20.7	-230.0	6.0	17.9
u1976 210290	236.7	2.3	1.0	0.0	13.0	216.1	1.6	12.2
u1995 251289	161.4	3.4	1.2	0.0	5.2	159.5	2.7	5.3
u2134 080988	148.5	3.4	2.8	0.0	4.3	157.0	1.6	4.8
u2151 131190	-206.6	4.6	4.8	0.0	2.8	-232.9	2.0	4.2
u2176 060988	163.2	3.4	1.4	0.0	4.9	167.2	2.5	4.9
u2185 060988	-203.4	11.8	2.4	0.0	3.9	-223.1	6.4	4.1
u2220 251289	205.9	0.9	0.6	0.0	5.4	167.3	1.9	5.8
u2223 111088	-979.6	11.6	0.3	0.0	4.5	-170.8	8.4	5.1
u2280 070988	222.2	4.4	4.2	0.0	2.4	227.9	0.8	2.9
u2405 271089	-275.1	1.2	0.5	0.0	2.4	-197.5	3.1	3.0
u2443 080988	-180.7	8.1	0.6	0.0	2.3	-101.6	6.3	2.8
u2628 261089	204.4	5.9	1.3	0.0	2.8	206.5	4.5	2.8
u2679 261089	-217.3	4.8	1.6	0.0	3.7	-225.3	3.0	3.7
u2690 111088	204.8	4.1	0.7	0.0	8.4	154.9	4.1	9.7
u2969 240190	3.4	2.4	-0.3	0.0	4.3	184.0	12.0	5.6
u2985 131190	-544.7	47.5	1.1	0.0	6.1	-392.9	24.4	6.2
u3009 131190	333.5	27.4	0.9	0.0	2.8	222.0	15.1	3.0
u3049 271089	196.8	4.1	1.8	0.0	2.3	211.1	2.6	2.3
u3062 261089	187.9	3.5	0.7	0.0	1.8	153.3	4.2	1.8
u3103 070289	231.9	7.3	1.1	0.0	2.4	225.1	6.3	2.6
u3103 251289	415.8	1.9	0.4	0.0	3.6	242.8	6.3	4.4
u3181 210290	100.0	8.0	25.0	0.2	4.8	122.6	3.4	6.2
u3206 210290	111.8	6.6	1.9	0.0	2.0	120.9	4.4	1.9
u3209 241289	-182.8	4.2	1.0	0.0	4.7	-161.8	3.0	4.7
u3231 250987	133.1	10.3	1.4	0.0	3.5	136.0	7.5	3.3
u3248 271089	219.9	1.0	0.9	0.0	2.7	212.3	1.3	2.6
u3261 250987	143.1	4.6	1.3	0.0	3.7	142.7	3.4	3.7
u3269 070289	-171.8	0.9	0.6	0.0	3.5	-132.3	1.6	4.1
u3269 251289	-164.1	0.5	0.6	0.0	5.5	-133.0	1.1	6.9
u3270 210290	-190.8	4.0	1.1	0.0	2.4	-179.1	3.1	2.3
u3291 210290	-115.5	16.4	2.4	0.0	1.8	-147.4	12.7	1.8
u3410 241289	236.3	8.8	3.1	0.0	5.6	267.4	4.8	6.9
u3420 141190	229.9	14.0	4.7	0.0	2.3	239.2	2.5	2.4
u3420 241289	268.1	13.5	2.2	0.0	2.2	281.8	5.7	2.1
u3652 141288	169.0	12.8	2.0	0.0	2.0	187.9	8.4	2.2
u3652 260987	188.6	11.0	1.6	0.0	3.2	200.2	7.7	3.2
u3717 241289	160.0	2.9	2.4	0.0	3.5	165.4	1.4	3.6

TABLE 6—*Continued*

	Multi-Parameter Fits					Arctan Fits		
Galaxy	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν
u3741 251289	295.4	13.1	0.6	0.3	2.1	132.5	3.5	2.6
u3766 070289	-157.6	5.3	1.5	0.0	4.2	-164.4	3.8	4.2
u3823 271089	201.8	0.9	1.0	-0.3	10.5	199.5	1.7	2.3
u3834 141190	-202.5	8.7	0.6	0.0	2.0	-137.3	10.2	2.2
u3834 241289	-122.3	5.3	0.9	0.0	3.6	-109.9	5.1	3.7
u3876 070289	-153.5	8.7	0.7	0.0	2.9	-110.2	9.5	2.9
u3876 271089	-265.5	21.5	0.5	0.0	3.4	-117.7	15.9	3.6
u3944 250987	-161.9	6.2	0.9	0.0	3.7	-141.1	5.6	3.8
u3991 240190	-125.0	9.2	1.5	0.0	6.4	-130.0	6.5	6.2
u3991 251289	-171.9	6.4	0.7	0.0	4.1	-118.2	5.3	4.3
u4027 241289	200.5	2.4	1.8	0.0	8.0	210.6	1.6	7.9
u4128 251289	134.8	1.7	4.0	0.0	10.1	140.2	0.7	10.2
u4154 130489	102.0	9.5	6.6	0.0	2.7	124.4	5.4	3.1
u4180 070289	206.7	5.2	1.0	0.0	3.9	187.2	4.3	3.9
u4213 240190	-113.7	4.6	2.7	0.0	6.8	-125.8	2.5	6.9
u4232 271089	100.1	15.0	3.0	0.0	1.3	131.5	11.4	1.4
u4299 260987	-150.0	1.0	6.0	-1.5	10.2	-180.0	6.0	11.8
u4301 070489	-211.2	6.3	1.1	0.0	10.4	-207.4	6.6	9.2
u4326 080489	-221.8	1.3	0.8	0.0	8.2	-204.4	1.8	9.1
u4353 210290	236.0	18.2	0.8	0.0	2.7	168.4	13.1	2.9
u4419 141288	-206.5	10.7	1.7	0.2	1.6	-224.7	5.3	1.6
u4419 110489	-154.4	17.1	2.9	0.7	5.0	-220.6	3.5	5.7
u4419 120489	-157.7	16.1	2.9	0.7	9.0	-237.8	4.2	9.1
u4419b 120489	-234.1	5.0	1.0	0.3	5.7	-212.9	3.0	5.9
u4429 241289	-280.1	8.5	0.8	0.0	2.9	-217.8	7.2	3.2
u4461 070289	-149.0	5.1	1.5	0.0	5.5	-153.8	3.5	5.6
u4475 240190	-265.2	3.9	1.4	0.0	5.9	-264.7	2.1	5.5
u4511 090489	284.2	4.1	0.6	0.0	7.5	194.4	4.8	8.0
u4580 210290	-172.4	4.3	1.3	0.0	5.1	-174.4	3.3	4.7
u4746 070489	-230.4	1.7	0.5	0.0	4.0	-155.5	3.6	4.3
u4779 251289	267.4	2.3	0.4	0.0	2.9	142.7	5.6	3.7
u4825 141190	221.4	3.5	0.5	0.0	6.8	145.9	6.6	7.7
u4888 080489	-174.7	10.2	1.0	0.0	3.9	-160.4	8.6	4.0
u4895 141288	236.6	3.5	1.2	0.0	3.5	233.9	2.8	3.5
u4900 240190	-98.0	4.1	1.5	0.0	4.3	-102.0	2.9	4.2
u4981 010490	-149.3	11.6	1.5	0.0	3.3	-155.5	8.2	3.3
u4996 070289	-336.4	23.3	0.6	0.0	1.6	-131.7	11.1	1.6
u5058 210290	-165.2	5.4	2.1	0.0	3.3	-177.0	3.1	3.3
u5102 090489	179.0	12.5	1.3	0.0	4.8	179.2	9.5	4.7
u5134 130489	-224.4	4.8	0.9	0.0	6.4	-203.8	4.8	7.2
u5166 240190	-211.4	1.6	1.6	0.0	9.0	-217.8	1.0	9.3
u5183 251289	139.0	2.3	2.1	0.0	6.9	143.7	1.2	7.2
u5185 241289	256.2	6.0	1.6	0.0	5.3	269.0	4.0	5.3
u5237 090489	-120.9	4.4	2.2	-0.2	6.0	-128.5	3.2	5.8
u5250 090588	182.0	4.8	1.5	0.0	6.0	187.6	3.3	5.9
u5359 080489	226.8	3.3	1.1	0.0	3.8	223.6	3.1	3.8
u5396 141288	-303.0	27.7	1.2	0.0	2.1	-268.3	18.0	2.1
u5424 130489	149.3	5.8	1.5	0.0	9.7	155.0	4.1	9.6
u5505 110489	-177.2	25.5	3.4	0.0	11.5	-232.3	18.7	11.2
u5505 241289	-131.8	18.0	1.7	0.0	5.0	-145.3	13.0	5.0
u5573a 090588	180.7	2.3	1.1	0.0	1.6	178.7	2.2	1.6

TABLE 6—*Continued*

	Multi-Parameter Fits					Arctan Fits		
Galaxy	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν
u5573b 090588	168.3	2.2	1.2	0.0	1.6	169.8	1.9	1.6
u5604 070489	-297.5	1.6	0.4	0.0	4.3	-170.5	4.8	4.5
u5607 090489	180.0	3.0	15.0	0.0	4.0	190.6	1.3	5.0
u5631 251289	-104.2	15.2	5.5	0.2	2.1	-132.2	7.0	2.5
u5654 130489	136.7	2.0	1.2	0.0	1.6	135.7	1.7	1.5
u5696 210290	217.2	1.3	1.6	0.0	9.9	224.2	0.9	9.4
u5715 070289	178.2	5.1	7.1	-0.1	3.0	197.4	2.6	5.0
u5717 010490	-126.3	8.4	1.3	0.0	3.0	-127.0	6.4	3.0
u5753 240190	-219.3	7.5	0.9	0.0	8.5	-197.0	7.5	9.2
u5774 120489	95.0	6.0	5.0	0.4	15.7	115.9	1.6	12.9
u5788 130489	-178.8	2.1	1.6	0.0	4.8	-185.5	1.3	4.8
u5794 070489	119.7	8.1	2.4	0.0	8.4	129.9	4.5	8.9
u5820 010490	-266.4	5.8	0.5	0.0	1.6	-167.8	8.0	1.7
u5852 120489	165.0	1.0	0.7	0.0	16.8	146.6	1.5	17.3
u5872 240190	-231.7	1.6	0.7	0.0	10.2	-204.1	2.3	10.6
u5897 130489	-302.4	0.5	0.3	0.0	6.0	-136.6	3.8	6.8
u5914 120489	417.4	28.6	0.5	0.0	7.5	162.6	16.6	8.2
u5914 241289	163.7	8.6	0.8	0.0	3.8	135.7	8.4	4.0
u5929 130489	194.7	8.9	0.9	0.0	6.8	152.6	6.2	7.6
u5932 010490	-279.3	7.9	6.8	0.0	2.5	-286.8	1.3	1.8
u5995 251289	167.1	7.3	1.3	0.0	3.4	167.6	5.4	3.4
u5997 030589	-177.0	6.8	0.8	0.0	5.7	-145.6	6.6	5.9
u6023 020589	-119.3	11.5	2.6	0.0	7.7	-138.5	7.3	7.6
u6215 090588	-264.1	7.5	0.8	0.0	5.2	-220.3	8.2	5.5
u6215 230588	-198.5	6.2	1.0	0.0	4.9	-187.9	5.9	4.9
u6262 090489	-139.8	4.2	1.4	0.0	6.2	-143.1	3.0	6.3
u6290 030589	164.6	1.5	0.4	0.0	1.4	73.3	2.4	1.7
u6325 080489	-224.0	6.0	0.9	0.0	8.9	-198.3	5.7	9.5
u6338 070489	-177.2	10.4	8.1	0.0	4.3	-233.8	6.6	6.6
u6340 120489	-189.7	9.5	8.5	0.0	15.4	-209.0	2.9	15.9
u6376 120489	-250.9	0.7	0.9	0.0	21.9	-248.4	1.1	21.8
u6493 240588	-121.4	5.4	1.2	0.0	2.8	-117.8	4.1	2.8
u6530 240190	-297.9	4.4	1.2	0.0	2.3	-270.3	2.1	1.8
u6534 251289	3389.4	1330.0	5.4	0.0	3.3	4627.0	1123.7	7.7
u6544 090489	242.9	5.2	1.0	0.0	5.3	221.3	4.4	5.5
u6595 241289	-93.8	7.8	1.2	0.0	3.2	-92.8	6.3	3.3
u6607 170590	163.7	7.1	0.7	0.0	2.4	101.6	5.0	2.4
u6692 120489	208.8	4.7	0.9	0.0	5.3	187.9	4.6	5.4
u6858 010490	158.1	13.4	0.9	0.0	3.6	125.0	10.4	3.6
u7067 020589	-227.2	3.4	1.1	0.0	5.7	-223.1	3.0	6.0
u7082 240190	-203.6	2.9	1.1	0.0	6.1	-202.7	3.0	6.0
u7096 210290	-166.5	1.3	3.8	0.0	5.7	-171.0	0.4	6.7
u7122 010490	-106.8	4.6	8.3	0.0	7.6	-113.9	1.3	3.6
u7130 070489	172.6	3.2	1.0	0.0	6.1	167.2	3.6	6.0
u7145 030589	-186.5	6.5	1.5	0.0	2.1	-194.4	4.7	2.1
u7234 240588	167.4	3.7	1.1	0.0	3.2	162.0	2.9	3.8
u7334 090588	-166.1	6.9	1.5	0.0	1.5	-171.1	4.6	1.5
u7334 230588	-183.3	5.3	1.1	0.0	1.3	-174.1	4.2	1.3
u7337 240190	135.0	11.8	5.0	0.4	6.9	163.5	3.2	9.8
u7341 070289	-180.9	4.7	1.0	0.0	7.6	-169.1	4.3	7.4
u7358 240190	414.6	1.6	0.3	0.0	11.2	135.1	4.0	12.4

TABLE 6—*Continued*

	Multi-Parameter Fits					Arctan Fits		
Galaxy	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν
u7380 210290	133.4	12.9	4.6	0.0	7.4	152.8	6.4	9.3
u7393 240190	185.7	3.9	1.2	0.0	3.1	185.1	3.3	3.1
u7407 110489	280.9	55.2	0.6	0.0	7.1	123.9	27.7	7.1
u7549 090588	-751.7	23.2	0.3	0.0	3.0	-113.5	13.0	3.6
u7549 230588	-161.1	11.1	0.6	0.0	3.0	-94.4	9.4	3.1
u7632 010490	173.8	0.9	1.1	0.0	3.5	173.0	0.9	3.7
u7647 030589	-157.9	4.6	1.1	0.0	5.3	-154.9	4.1	5.5
u7749 020589	246.4	1.5	1.1	0.0	5.0	246.3	1.5	4.9
u7810 080489	-214.6	8.3	0.7	0.0	8.5	-142.6	6.3	8.5
u7823 070289	200.3	4.2	1.1	0.0	2.4	188.0	3.3	2.7
u7823 090489	199.5	3.7	1.1	0.0	11.6	192.4	3.2	12.3
u7978 090588	-45.5	3.1	7.2	0.0	4.3	-52.2	1.4	4.4
u8054 110489	120.2	21.1	5.9	0.0	6.0	149.6	12.8	7.1
u8054 070489	164.9	5.2	0.6	0.0	4.2	121.5	7.5	4.8
u8118 170590	270.4	2.8	0.6	0.0	4.3	200.6	4.3	5.3
u8143 240190	-193.3	1.9	1.3	0.0	5.7	-195.4	1.5	5.5
u8161 170590	157.9	9.4	10.8	0.0	5.4	197.6	5.7	6.9
u8337 230588	165.6	2.3	1.1	0.0	5.0	162.0	2.0	4.7
u8356 170590	-266.7	4.2	0.5	0.0	5.7	-148.1	5.2	6.2
u8358 030589	-217.6	3.7	2.5	0.0	4.3	-230.9	1.8	4.9
u8451 230588	-289.4	5.6	0.6	0.0	9.2	-254.0	15.3	2.5
u8451a 240588	-289.4	5.6	0.6	0.0	14.9	-189.8	5.8	2.7
u8451b 240588	-289.4	5.6	0.6	0.0	9.2	-199.9	8.0	2.5
u8477 080489	280.7	0.3	0.4	0.0	4.1	206.3	2.0	5.1
u8488 020589	-358.3	5.1	0.9	0.0	4.1	-332.7	6.6	4.1
u8707 210290	-239.3	1.1	0.8	0.0	6.0	-215.7	1.2	7.7
u8749 240588	-191.2	9.7	1.0	0.0	4.7	-175.3	8.5	4.8
u8749a 090588	-163.7	10.4	1.5	0.0	3.6	-170.3	7.3	3.6
u8749b 090588	-152.6	9.8	1.7	0.0	3.7	-161.8	6.4	3.8
u8804 090489	-171.3	391.0	12.7	0.7	12.8	-87.0	3.9	2.8
u8809 070489	201.5	3.6	1.1	0.0	6.6	198.5	3.2	6.7
u8902 210290	258.6	1.6	2.1	0.0	21.6	266.5	0.8	23.1
u8927 120489	-165.8	0.1	0.4	-5.8	22.8	-137.7	2.5	3.5
u8927 170590	-165.8	0.1	0.4	-5.8	27.3	-121.9	1.6	5.9
u8938 170590	-133.3	5.0	2.1	0.0	2.7	-140.5	2.5	2.7
u8944 110489	136.5	1.9	2.2	0.0	4.4	142.7	1.0	4.6
u8944 170590	165.1	0.5	0.7	0.0	6.1	150.9	1.0	5.8
u8948 120489	-225.3	4.8	0.9	0.0	20.3	-192.0	4.0	21.2
u9019 080489	202.1	2.8	1.5	0.0	2.4	210.0	2.0	2.4
u9023 120489	107.9	7.2	1.6	0.0	2.4	115.1	5.1	2.3
u9026 210290	-90.9	0.6	0.6	-0.3	3.5	-78.9	1.6	3.5
u9097 090489	-124.5	5.3	1.8	0.6	5.3	-142.5	1.2	5.5
u9121 020589	-202.1	0.3	0.5	0.0	1.7	-166.7	1.6	1.9
u9133 090588	-232.6	5.5	2.3	0.0	3.1	-254.7	3.3	3.3
u9133 240588	-233.5	3.9	1.6	0.0	2.4	-243.6	2.6	2.4
u9195 030589	280.5	3.3	2.3	0.0	3.1	283.1	0.6	2.9
u9218 030589	-211.9	5.0	2.1	0.0	3.0	-237.7	3.3	3.2
u9255 090588	383.8	6.6	1.0	0.0	3.9	350.6	5.4	3.5
u9255 230588	383.8	6.6	1.0	0.0	4.4	374.4	8.0	4.3
u9309 030589	152.5	2.0	1.2	0.0	6.5	152.2	1.7	6.4
u9366 210290	207.3	17.7	1.4	0.6	5.2	221.3	3.2	6.4

TABLE 6—*Continued*

	Multi-Parameter Fits					Arctan Fits		
Galaxy	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν
u9410 080489	140.1	2.5	1.4	0.0	3.5	143.2	1.8	3.4
u9416 110489	145.1	25.0	2.0	0.0	5.8	164.2	17.1	5.8
u9416 130489	140.8	25.0	2.8	0.0	5.3	169.0	16.3	5.5
u9467 090588	123.7	4.3	1.9	0.0	4.5	133.2	2.7	4.6
u9479 030589	-213.7	3.7	1.0	0.0	2.8	-202.1	3.5	2.9
u9493 180888	195.6	0.1	0.4	0.4	17.4	151.0	0.8	7.0
u9498 090588	224.8	2.4	0.5	-0.1	2.9	138.9	4.2	3.2
u9498 240588	206.6	12.6	0.9	0.0	7.4	161.7	8.9	6.8
u9598 070489	214.5	4.8	1.0	0.0	4.0	196.1	3.8	4.1
u9645 020589	-163.6	1.2	1.4	0.0	6.1	-165.3	0.9	5.9
u9701 090489	198.2	4.4	0.8	0.0	9.3	161.9	4.2	9.5
u9718 170888	143.2	6.6	2.5	0.7	6.1	185.6	0.9	7.4
u9745 230588	-272.5	2.0	0.5	0.0	4.1	-185.9	4.3	5.8
u9753 170590	124.7	12.5	6.0	0.0	2.6	141.5	5.9	4.0
u9757 230588	-291.2	6.3	2.9	0.0	1.2	-317.9	2.7	1.5
u9800 230588	254.9	2.1	1.6	0.0	1.5	264.8	1.4	1.5
u9817 190888	-247.4	0.7	0.5	0.0	13.7	-201.6	3.1	12.9
u9866 240588	-207.5	26.5	0.7	0.0	2.9	-122.5	16.6	3.3
u9884 090588	82.7	3.1	13.6	0.0	4.4	90.5	1.3	5.0
u9940 020989	183.5	0.4	0.5	0.0	8.1	140.1	1.2	10.4
u9950 030989	197.2	5.0	1.3	0.0	7.4	197.7	3.8	7.4
u9973 070489	234.8	11.2	0.6	0.0	4.2	126.8	7.7	4.1
u10011 080489	-263.0	6.7	1.0	0.0	4.2	-235.8	5.5	4.7
u10026 020589	-245.3	7.2	0.5	0.0	8.4	-133.4	5.5	2.9
u10047 040989	-277.8	28.8	22.0	0.0	4.4	-287.5	2.8	4.5
u10062 200788	-120.4	2.6	1.3	0.0	2.1	-121.7	2.0	2.0
u10077 020989	188.4	4.8	1.1	0.0	2.8	174.1	3.6	2.5
u10096 230588	-188.6	3.1	0.9	0.0	2.0	-166.6	2.8	2.2
u10196 190788	220.5	0.9	0.7	0.0	6.8	202.2	1.8	7.5
u10196 240588	211.6	1.0	0.8	-0.2	7.1	201.4	1.6	6.9
u10210 200788	-125.0	8.5	4.0	0.0	2.5	-150.8	5.5	2.6
u10224 200788	-220.8	3.9	1.0	0.0	2.0	-201.8	3.3	2.3
u10224 240588	-215.5	3.8	1.0	0.0	1.8	-198.5	3.3	1.9
u10226 090489	-190.8	3.6	1.2	0.0	5.9	-190.0	3.0	5.5
u10230 240588	399.4	7.1	0.4	0.6	9.4	161.4	2.8	11.6
u10230a 180788.da	252.9	7.6	0.6	0.5	7.1	173.9	3.6	10.7
u10230b 180788.da	262.0	0.8	0.4	0.0	9.1	172.8	3.7	12.7
u10230c 180788.da	292.8	6.7	0.5	0.5	6.3	170.1	3.9	10.3
u10230 110489	182.6	2.0	0.7	0.0	7.6	162.2	3.2	8.2
u10230 120489	248.6	1.9	0.5	0.0	11.2	180.1	4.2	13.3
u10230a 120489.da	238.6	1.8	0.5	0.0	6.3	170.8	4.1	7.3
u10235 190788	485.9	1.5	0.3	0.0	2.7	159.7	4.6	3.5
u10328 180888	-119.3	7.3	0.9	0.0	4.9	-107.8	7.3	5.0
u10337 080489	265.1	1.5	1.0	0.0	1.9	261.6	1.7	1.8
u10337 080988	265.1	1.5	1.0	0.0	2.6	264.1	1.1	1.3
u10413 170888	120.7	8.8	1.7	0.0	6.8	127.8	5.6	6.9
u10439 090588	190.3	3.8	1.9	0.0	9.9	199.2	2.1	9.8
u10456 200788	237.1	0.3	0.5	0.0	5.6	183.8	0.9	6.8
u10522 080988	-149.2	8.0	1.0	0.0	1.4	-128.8	6.0	1.4
u10522 170590	-171.6	2.5	0.6	0.0	3.5	-121.5	3.3	3.7
u10536 070988	-212.2	1.9	0.7	0.0	2.5	-191.9	4.0	2.5

TABLE 6—*Continued*

	Multi-Parameter Fits					Arctan Fits		
Galaxy	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν
u10536 190788	-207.8	2.4	0.8	0.0	3.7	-181.9	3.1	3.4
u10545 070489	-291.1	1.5	0.5	0.0	4.7	-197.1	3.3	6.5
u10545 070988	-268.8	1.0	0.5	0.0	3.3	-193.5	2.6	5.3
u10560 020589	-204.0	2.6	0.9	0.0	1.5	-188.5	2.7	1.8
u10560 190788	-213.9	1.3	0.6	0.0	3.1	-172.5	2.6	4.0
u10560 200788	-192.4	2.5	1.0	0.0	2.8	-184.6	2.4	3.1
u10621 170590	-260.0	0.5	2.2	0.0	14.6	-257.9	0.2	14.0
u10621 190888	-265.0	0.3	3.0	0.0	16.0	-265.4	0.2	15.2
u10655 170590	-245.7	3.8	0.7	0.0	1.4	-180.7	3.6	2.2
u10655 190788	-173.6	4.0	1.1	0.0	4.9	-165.2	3.3	5.1
u10706 060988	202.4	5.3	1.5	0.0	2.7	210.4	3.7	2.6
u10721 180788	130.5	4.5	1.4	0.0	1.8	133.8	3.3	1.7
u10721 240588	115.1	7.3	2.9	0.0	2.1	132.5	4.3	2.4
u10779 080489	-290.0	12.1	0.9	0.0	5.3	-252.6	11.5	5.4
u10779 090588	-259.8	4.1	0.8	0.0	3.4	-221.8	4.0	3.7
u10815 090489	266.2	1.1	0.6	0.0	7.0	221.8	2.3	7.4
u10815 170888	349.9	2.5	0.5	0.0	6.4	231.6	4.6	8.6
u10876 030589	-190.2	9.8	0.5	0.0	4.3	-96.9	9.9	4.7
u10876 090489	-101.9	10.1	1.1	0.0	5.5	-92.9	7.3	5.5
u10907 040989	284.9	52.0	0.9	0.0	4.6	163.2	23.4	4.5
u10909 090588	-121.2	9.7	3.5	0.0	27.1	-159.8	7.4	8.2
u10909 230588	-121.2	9.7	3.5	0.0	37.9	-136.4	5.8	11.7
u10997 170888	139.4	4.6	1.4	0.0	6.8	142.8	3.4	6.7
u10998 190788	266.2	1.2	0.8	0.0	12.0	251.3	2.0	11.6
u11030 030589	316.0	70.6	0.6	0.0	7.3	123.4	29.2	7.5
u11030 030989	129.7	14.6	0.6	0.0	8.7	81.3	15.0	8.8
u11038 040989	138.9	1.8	1.0	0.0	3.9	128.7	1.5	3.8
u11076 230588	-211.2	8.9	4.1	0.0	3.2	-245.6	4.2	3.7
u11085 180788	237.4	4.0	0.6	0.0	4.7	171.9	5.7	5.3
u11085 240588	229.6	1.5	0.5	0.0	4.4	163.5	4.1	4.7
u11116 020589	-276.2	3.4	0.8	0.0	5.3	-227.6	3.4	5.5
u11118 230588	185.1	1.4	0.5	0.0	8.5	123.8	2.8	8.9
u11218 020589	-191.3	10.0	0.9	0.0	4.5	-169.2	9.4	4.8
u11236 030589	-212.9	3.4	1.0	0.0	3.3	-197.2	3.0	3.3
u11236 030989	-215.8	2.9	0.9	0.0	3.8	-198.5	3.0	3.9
u11252 170888	-161.1	2.4	1.1	0.0	6.0	-157.2	2.1	5.9
u11264 070988	-178.2	6.2	0.9	0.0	3.9	-152.7	5.3	4.2
u11322 060988	-200.1	12.4	1.0	0.0	3.5	-197.2	11.8	3.2
u11322 180888	-200.1	12.4	1.0	0.0	3.3	-145.0	5.8	2.9
u11322 190888	-200.1	12.4	1.0	0.0	3.5	-158.0	8.5	3.2
u11373 170888	-254.6	1.1	0.7	0.0	4.0	-215.9	1.6	5.1
u11373 230588	-296.1	0.5	0.5	0.0	3.5	-216.6	1.4	4.7
u11412 070988	200.0	2.5	5.0	0.4	22.5	222.0	0.8	21.7
u11412 080988	200.0	2.0	7.0	0.4	27.4	226.3	0.9	21.9
u11555 180888	-111.9	3.3	0.6	0.0	12.2	-78.2	4.8	12.2
u11606 060988	-113.8	5.9	3.8	0.0	2.1	-139.9	3.7	2.1
u11606 111088	-147.0	5.8	1.3	0.0	2.0	-146.2	4.3	1.9
u11635 030989	280.1	0.2	0.5	0.0	17.0	242.7	1.3	18.1
u11635 261089	248.8	0.3	0.7	0.0	7.7	236.0	0.8	8.3
u11738 030989	372.0	0.9	0.3	0.0	7.5	127.7	2.9	8.8
u11738 271089	434.4	1.3	0.3	0.0	1.2	134.8	3.4	1.6

TABLE 6—*Continued*

	Multi-Parameter Fits					Arctan Fits		
Galaxy	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν
u11765 180788	122.1	4.2	1.6	0.0	4.7	128.7	2.9	4.6
u11765 190888	128.9	2.9	1.2	0.0	12.2	127.5	2.3	11.9
u11789 180788	-137.9	2.6	1.3	0.0	1.9	-138.5	1.9	1.9
u11809 060988	291.0	3.4	1.4	0.0	1.9	296.7	2.5	1.7
u11809 200788	265.4	3.3	1.9	0.0	2.4	271.3	1.3	2.3
u11810 260987	-177.2	4.3	1.1	0.0	3.4	-171.2	3.7	3.6
u11810a 190788.da	-186.0	3.6	0.9	0.0	1.9	-168.1	3.6	2.0
u11810b 190788.da	-168.7	3.8	1.1	0.0	1.9	-163.9	3.3	2.0
u11810c 190788.da	-188.9	2.7	0.8	0.0	1.4	-166.3	3.2	1.6
u11846 080988	172.6	2.6	1.6	0.0	4.3	178.7	1.7	4.2
u11846 190788	180.0	2.1	1.2	0.0	4.1	180.5	1.8	4.0
u11867 060988	-119.3	5.2	1.6	0.0	2.4	-125.7	3.6	2.4
u11867 200788	-108.2	8.4	9.4	0.0	7.6	-127.8	3.9	9.1
u11957 080988	-144.4	2.2	1.5	0.0	4.9	-148.8	1.5	4.8
u11957 200788	-136.3	3.2	2.3	0.0	3.5	-145.7	1.7	3.7
u12045 111088	-797.5	0.5	0.2	0.0	5.3	-144.3	5.6	6.4
u12045 200788	-197.7	2.1	0.5	0.0	3.6	-131.1	4.4	4.2
u12052 040989	-125.7	3.9	4.7	0.0	5.2	-141.9	1.8	6.2
u12093 170888	195.9	3.3	1.2	0.0	4.8	193.7	2.6	4.8
u12093 180888	208.4	2.7	0.9	0.0	2.5	188.3	2.5	2.6
u12122 180788	-201.5	12.6	1.0	0.0	2.2	-181.1	10.3	2.3
u12122 261089	-232.4	8.4	0.7	0.0	8.8	-173.9	8.5	9.8
u12134 190788	-150.6	10.0	1.8	0.7	3.8	-181.0	1.6	4.2
u12159 111088	269.7	1.8	1.1	0.0	1.7	270.5	2.0	1.6
u12159 200788	269.7	1.8	1.1	0.0	5.0	301.3	5.1	4.5
u12162 151288	207.8	0.9	0.6	0.0	2.1	164.7	1.7	2.9
u12162 200788	186.0	0.7	0.7	0.0	5.2	162.5	1.1	5.3
u12172 170888	-199.5	6.2	1.7	0.0	1.5	-213.8	4.2	1.6
u12173 180888	171.1	1.9	1.0	0.0	5.6	168.1	2.2	5.5
u12200 180888	-281.2	1.0	0.7	0.0	12.3	-248.4	1.8	12.3
u12221 040989	230.9	8.1	0.5	0.0	4.2	130.0	10.5	4.5
u12230 190888	-222.1	7.5	4.0	0.0	7.8	-249.9	3.6	9.5
u12234 180888	187.7	3.5	6.6	0.2	11.2	205.1	0.7	14.3
u12294 190788	344.2	9.6	0.5	0.0	5.9	188.6	11.7	7.7
u12296 180888	206.5	3.9	1.2	0.0	4.3	206.4	3.2	4.3
u12304 250987	-821.0	7.3	0.3	-0.5	2.3	-146.8	11.2	2.1
u12304 260987	-647.3	5.0	0.3	-0.5	2.0	-140.8	9.0	1.9
u12319 190888	-238.2	0.2	0.5	0.0	6.6	-193.1	0.7	8.3
u12325 190888	235.3	8.1	0.9	0.0	5.2	201.7	7.3	5.4
u12354 060988	179.2	8.4	0.9	0.0	2.8	149.3	6.5	3.0
u12370 250987	-196.1	6.1	0.6	0.0	2.9	-123.4	5.4	3.0
u12378 070988	-177.3	4.0	1.4	0.0	3.1	-182.3	3.0	3.1
u12378 111088	-174.6	5.4	1.7	0.0	6.7	-184.3	3.6	6.7
u12417 250987	218.0	6.0	0.7	0.0	4.7	152.8	5.3	5.0
u12421 030989	146.5	10.5	6.2	0.0	2.1	166.1	4.6	2.7
u12437 250987	170.0	25.0	8.0	0.0	14.1	311.6	32.8	10.2
u12447 170888	-192.6	0.7	36.6	-2.3	20.4	-191.8	2.2	20.8
u12447 200788	-192.3	1.2	5.2	-2.3	18.4	-196.3	3.8	12.0
u12485 070988	-212.9	1.7	1.3	0.0	6.9	-209.2	0.5	5.9
u12486 250987	-188.6	1.7	7.2	0.3	16.7	-210.3	0.5	24.8
u12486 260987	-179.5	1.0	2.1	0.5	21.1	-186.2	0.0	15.5

TABLE 6—*Continued*

	Multi-Parameter Fits					Arctan Fits		
Galaxy	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν
u12494 250987	-166.0	27.4	3.8	0.0	6.2	-270.9	27.2	6.2
u12494 260987	-127.4	22.0	5.9	0.0	2.8	-214.8	22.1	3.0
u12498 080988	145.0	6.3	1.6	0.0	3.2	153.8	4.4	3.2
u12521 040989	-120.1	4.6	1.0	0.0	5.3	-112.4	4.2	5.3
u12528 070988	-175.4	2.7	1.3	0.0	7.3	-178.2	2.1	7.1
u12539 250987	-183.6	3.7	1.2	0.0	2.1	-182.1	2.8	2.2
u12543 111088	-340.3	52.6	3.7	0.0	16.4	-934.2	91.5	5.7
u12547 070988	-62.0	0.5	0.8	0.0	6.7	-60.1	1.0	6.6
u12561 260987	154.7	7.6	0.6	0.0	3.8	110.2	9.0	3.6
u12562 250987	300.0	30.0	0.5	0.0	2.5	74.5	6.7	2.2
u12562 260987	208.3	13.0	0.5	0.0	2.0	81.0	7.3	1.9
u12564 060988	-232.2	1.5	1.1	0.0	3.7	-227.9	1.3	3.7
u12598 170888	-187.4	1.9	0.8	0.0	4.2	-172.7	2.9	4.3
u12631 131190	221.6	2.8	2.2	0.0	2.5	235.9	1.4	2.8
u12666 020989	-341.2	9.5	0.5	0.0	2.0	-169.2	9.1	2.5
u12667 020989	1892.2	6.8	0.2	0.0	4.3	122.3	6.3	4.9
u12678 260987	389.8	18.6	1.3	0.0	4.6	374.9	12.9	4.5
u12701 260987	-259.9	0.9	0.4	0.0	4.2	-144.6	2.6	5.6
u12746 260987	316.8	13.9	0.9	0.0	9.3	257.9	10.9	9.4
u12772 260987	-265.0	1.8	1.3	0.0	6.3	-281.3	1.8	4.9
u12777 020989	148.7	10.9	1.2	0.0	6.2	145.6	8.7	6.1
u12810 040989	-241.8	2.2	0.8	0.0	10.1	-217.6	2.5	11.0
u12816 030989	234.4	1.2	0.4	0.0	6.3	123.0	2.9	7.0
u12818 020989	106.6	12.1	3.0	0.0	3.4	131.9	8.2	3.5
u12834 030989	279.0	1.8	1.3	0.0	6.2	282.1	1.4	6.0
u12844 070988	171.6	9.4	3.6	0.0	8.3	216.2	6.2	8.7
u12844 080988	172.6	9.4	3.6	0.0	4.4	199.2	4.6	4.8
u12859 190888	401.6	18.9	0.7	0.0	3.9	248.6	13.5	3.9
Z406031 180888	-150.3	14.9	1.5	0.0	3.0	-155.5	10.3	2.9
Z476112 271089	222.8	7.5	2.0	0.0	8.5	252.6	5.1	6.3

TABLE 7

FIT PARAMETERS FOR MAT GALAXIES

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
1-g6.orc	2251.3	-2.01	-268.3	21.8	0.7	0.0	7.4	-181.5	16.6	7.5	6.3
1-g7.orc	5001.5	0.69	0.1	1019.0	-0.1	0.0	5.7	135.9	5.4	4.4	7.5
10-g4.orc	2439.7	-5.28	-179.9	23.1	0.8	0.0	5.4	-142.4	22.5	5.2	13.7
101-g20.orc	5839.9	0.12	-186.0	3.7	1.1	0.0	42.5	-156.4	0.6	17.6	-5.1
101-g5.orc	6641.6	0.29	212.1	13.7	1.4	0.0	5.1	212.9	9.6	4.6	3.6
102-g10.orc	4702.9	-0.64	172.9	5.3	1.5	0.0	8.1	178.1	3.6	8.1	4.9
102-g15.orc	5017.8	-0.07	-116.2	2.1	4.2	0.0	6.2	-120.7	0.8	7.0	-0.2
102-g7.orc	5015.6	-1.88	-183.3	5.1	1.6	0.0	4.0	-189.5	3.0	3.9	1.6
103-g13.orc	4661.4	-1.71	213.4	10.1	2.1	0.0	8.6	229.2	5.8	8.9	-2.6
103-g15.orc	4586.3	-2.26	131.8	12.5	2.4	0.0	2.7	151.5	7.9	2.9	3.3
103-g39.orc	4483.6	-0.30	-119.3	4.6	0.7	0.0	7.3	-94.0	4.7	7.4	0.6
104-g52.orc	3881.1	1.68	131.8	17.5	1.9	0.0	5.6	145.6	11.4	5.6	-0.9
105-g20.orc	5668.1	-2.10	151.1	17.0	1.6	0.0	7.6	170.6	13.5	7.1	-3.9
105-g3.orc	4863.6	-1.03	-195.0	8.0	1.1	0.0	6.8	-184.6	6.4	6.6	3.6
106-g12.orc	4151.9	-0.18	121.0	4.5	2.0	0.0	2.1	131.0	2.8	2.2	-3.1
106-g8.orc	3226.7	0.25	179.6	10.6	1.7	0.0	6.1	196.2	7.7	6.0	-1.3
107-g24.orc	5110.1	0.71	154.5	12.1	2.2	0.0	1.0	174.0	7.7	1.3	1.1
107-g36.orc	3102.2	-3.91	-186.7	2.0	0.9	0.0	7.0	-183.3	3.3	5.3	6.2
108-g11.orc	2985.0	-0.29	-202.4	20.8	2.3	0.0	16.3	-236.7	15.2	17.2	6.0
108-g13.orc	2934.8	-1.21	215.8	13.4	0.8	0.0	2.8	152.8	9.6	3.5	-0.2
108-g19.orc	2952.0	0.50	130.0	2.0	10.0	0.3	10.3	135.2	0.0	10.2	-4.0
108-g6.orc	5290.2	-4.61	501.3	31.6	0.9	0.0	10.2	320.2	16.1	9.9	-46.8
109-g32.orc	3353.5	3.80	-513.0	9.7	0.3	0.0	14.5	-140.7	19.6	13.3	-8.5
111-g9.orc	4206.7	2.35	-154.8	8.6	1.3	0.0	6.3	-159.0	6.9	6.0	-10.3
112-g10.orc	5993.6	3.40	168.9	8.1	1.1	0.0	6.9	154.3	5.8	6.4	19.6
113-g21.orc	4823.6	-0.32	-93.6	13.8	4.7	0.0	6.2	-111.7	7.3	6.7	1.6
113-g6.orc	8434.5	-1.02	170.7	7.5	1.5	0.0	44.5	180.4	5.7	43.5	5.5
114-g21.orc	6377.7	0.95	-146.5	4.6	1.5	0.0	6.2	-151.3	3.3	5.8	-0.3
116-g12.orc	1152.2	-4.46	-147.6	28.7	0.8	0.0	3.4	-118.1	24.9	3.4	-0.8
116-g14.orc	5425.2	-2.62	-177.9	10.8	1.2	0.0	5.6	-176.6	8.6	5.2	8.2
117-g18.orc	5801.1	-1.17	-252.9	5.0	0.7	0.0	6.5	-202.9	6.1	8.4	6.1
117-g19.orc	5386.6	-0.04	-184.7	14.7	3.2	0.0	7.5	-211.4	8.3	8.4	0.6
120-g16.orc	3663.6	-8.40	214.7	12.4	1.0	0.0	3.8	192.9	10.4	4.0	-10.4
121-g26.orc	2217.3	2.12	151.2	5.1	1.5	0.0	6.3	153.8	3.2	5.9	-2.7
121-g6.orc	1228.9	-0.50	192.3	4.5	0.5	0.0	6.2	133.9	10.7	7.6	0.9
123-g15.orc	3217.6	-0.24	-169.2	3.7	0.9	0.0	6.1	-157.2	3.3	6.7	2.6
123-g16.orc	3196.6	-0.02	-145.0	8.0	0.9	0.0	5.4	-143.6	11.1	3.5	2.6
123-g23.orc	2915.9	-2.01	-214.2	22.0	1.1	0.0	2.7	-192.8	15.9	2.6	5.9
123-g9.orc	3210.6	-0.08	-178.8	5.6	0.8	0.0	10.3	-153.0	6.4	10.0	8.6
124-g15.orc	2625.8	-6.16	-223.8	37.1	1.1	0.0	3.0	-192.0	23.9	2.9	19.8
13-g16.orc	1772.5	5.08	148.4	52.3	1.1	0.0	5.1	122.2	32.7	5.0	16.5
13-g18.orc	4316.1	3.41	217.0	52.1	1.1	0.0	2.0	171.3	29.9	1.9	7.1
140-g1.orc	4332.1	-1.80	365.6	30.8	0.6	0.0	28.1	247.4	30.1	27.9	20.1
140-g24.orc	3178.0	-1.56	205.0	13.4	2.6	0.0	13.1	218.3	6.4	17.6	-5.0
140-g25.orc	2048.3	2.42	116.2	20.2	1.2	0.0	3.9	116.8	16.4	3.4	1.3
140-g28.orc	4873.2	-1.44	-8174.9	14.9	0.1	0.4	6.3	-98.1	4.6	8.1	-1.8
140-g33.orc	4674.7	0.27	-181.3	5.8	10.0	0.0	6.1	-212.5	2.6	15.3	-5.3
140-g34.orc	3406.9	-0.26	59.2	8.6	4.0	0.0	1.9	68.9	4.7	2.4	1.9
141-g20.orc	4351.2	-2.90	-262.7	6.9	1.2	0.0	32.3	-257.6	4.9	31.3	2.2
141-g23.orc	4384.8	-0.92	-277.0	21.4	0.8	0.0	4.2	-181.9	13.0	4.9	-2.2
141-g34.orc	4394.0	0.00	240.0	3.0	0.2	0.9	2173.5	258.0	0.0	94.1	-10.0

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
141-g37.orc	4373.0	1.35	208.4	17.1	3.2	0.0	15.2	252.6	10.8	16.5	-13.0
141-g9.orc	3632.5	-0.42	197.2	7.5	2.8	0.0	46.6	210.6	3.7	49.3	-3.5
142-g30.orc	4209.2	-1.32	-201.4	14.7	1.8	0.0	8.3	-221.5	10.2	8.1	8.2
142-g34.orc	4160.5	-4.10	238.7	21.1	0.7	0.0	5.4	166.0	16.5	6.2	-2.5
142-g35.orc	2030.9	-1.09	201.7	9.5	31.5	0.0	17.5	218.8	3.3	22.9	-0.1
143-g10.orc	791.8	5.95	-148.4	62.7	0.6	0.0	2.6	-59.8	28.2	2.5	-3.2
143-g6.orc	3906.1	-0.52	-80.8	17.1	2.9	0.0	7.1	-105.1	13.4	7.5	-3.9
143-g8.orc	3723.1	-3.08	-128.1	12.1	0.9	0.0	2.7	-105.1	8.5	2.5	6.1
145-g18.orc	3011.9	0.82	152.7	5.9	2.2	0.0	4.7	160.1	3.0	5.0	5.9
145-g22.orc	4471.3	2.43	137.1	5.5	1.3	0.0	5.3	139.2	4.2	5.1	6.3
146-g6.orc	4601.6	-4.78	-224.1	28.7	0.9	0.0	4.5	-162.6	18.0	4.0	3.6
151-g30.orc	5336.9	1.20	187.3	8.6	1.5	0.0	11.4	202.2	7.0	10.6	1.9
1547-02.orc	8309.1	3.42	-193.7	9.8	3.0	0.0	13.5	-217.3	5.3	14.8	4.1
155-g6.orc	1065.3	4.00	-107.0	35.0	20.0	-0.3	10.5	-119.9	25.4	14.9	-4.7
156-g36.orc	1116.4	1.83	-169.1	13.3	3.7	0.4	20.6	-184.0	2.5	27.9	22.4
157-g20.orc	1518.4	-0.17	-118.6	0.8	0.5	0.0	10.8	-98.4	2.8	10.9	-7.6
157-g38.orc	987.2	-1.84	-217.7	21.6	0.7	0.0	2.5	-118.0	10.8	2.5	5.2
160-g2.orc	4506.4	-3.40	-216.4	11.7	2.2	0.0	5.8	-248.0	7.7	6.5	4.4
162-g15.orc	2827.0	1.09	-65.7	7.1	31.2	0.0	3.5	-73.9	2.8	4.0	-12.0
162-g17.orc	1085.1	3.15	-126.1	11.2	0.6	0.0	1.9	-76.7	13.0	2.1	-2.9
163-g11.orc	2822.8	-1.59	170.8	19.8	4.4	0.0	4.9	217.1	12.6	6.7	-7.2
163-g14.orc	2803.5	5.23	-150.3	10.1	2.2	0.0	3.6	-170.8	6.7	3.6	-16.5
18-g13.orc	5465.1	1.09	-228.3	21.3	2.3	0.0	8.2	-262.8	13.9	8.3	2.1
18-g15.orc	1713.8	2.08	-254.3	26.7	0.7	0.0	6.1	-148.3	17.0	6.5	-5.2
181-g2.orc	6957.7	-2.27	242.7	19.3	5.0	0.0	21.3	304.6	11.5	28.0	-10.3
183-g14.orc	3525.9	4.59	156.3	14.7	1.2	0.0	4.9	152.1	11.9	4.5	11.9
183-g5.orc	4767.5	-1.17	-103.9	15.8	1.8	0.0	1.9	-113.8	10.9	1.8	-0.5
184-g51.orc	7144.6	-1.93	-223.3	11.8	5.2	0.0	16.5	-244.6	5.0	23.2	-1.4
184-g54.orc	3460.1	-1.63	-199.3	7.4	0.8	0.0	8.5	-164.1	6.9	8.7	9.1
184-g60.orc	3028.1	-1.20	71.8	3.8	1.1	0.0	5.5	71.9	4.4	5.1	8.1
184-g63.orc	3211.7	2.07	-310.3	19.6	0.7	0.0	14.1	-195.2	15.5	14.5	-7.3
184-g67.orc	3169.2	0.80	268.7	7.3	1.0	0.0	13.5	256.5	6.8	13.9	-7.8
184-g74.orc	5095.6	-1.58	323.3	3.8	0.5	0.0	18.6	224.5	7.1	22.5	-9.4
184-g77.orc	3250.0	0.68	70.9	11.7	20.9	0.3	7.5	94.4	4.6	7.6	4.0
184-g8.orc	4791.6	-0.76	-106.9	4.8	1.0	0.0	1.3	-99.2	4.3	1.3	7.6
185-g11.orc	4421.0	-3.72	321.7	13.4	0.8	0.0	8.3	239.5	10.8	9.5	-19.0
185-g26.orc	5562.3	1.15	173.5	10.2	2.7	0.0	5.7	196.0	6.0	6.5	8.3
185-g36.orc	5127.2	0.08	141.8	13.1	2.4	0.0	9.4	164.9	9.1	9.3	-5.8
185-g68.orc	5237.9	-1.61	-133.6	9.4	1.1	0.0	8.8	-125.6	7.7	8.5	-1.1
185-g70.orc	4324.5	2.49	140.7	15.8	2.8	0.0	5.8	176.9	12.3	6.4	7.5
186-g21.orc	5677.8	-0.98	-182.2	0.2	0.7	0.0	7.4	-174.6	0.5	8.2	-6.2
186-g26.orc	2154.3	4.84	-114.1	19.4	1.1	0.0	7.1	-105.2	15.3	6.9	-21.7
186-g75.orc	4357.4	1.96	-118.6	14.9	1.6	0.0	6.5	-127.8	10.9	6.2	-7.6
186-g8.orc	5707.8	-2.01	175.1	11.0	1.0	0.0	5.7	158.6	8.4	5.5	-1.2
187-g39.orc	4827.2	1.06	-197.9	0.5	0.3	0.0	8.1	-68.1	4.1	8.4	-9.8
187-g6.orc	4644.6	-0.17	-143.5	6.0	0.8	0.0	5.7	-130.3	7.1	6.8	-7.4
187-g8.orc	4391.1	-4.47	337.6	39.8	0.7	0.0	5.4	194.6	23.1	6.2	-12.9
189-g12.orc	8371.4	-1.87	353.7	8.1	0.7	0.0	35.1	252.0	8.5	37.9	7.4
196-g11.orc	3638.1	-2.72	-120.3	12.0	1.2	0.0	6.0	-118.5	9.2	5.7	1.1
197-g2.orc	6308.6	1.97	285.1	6.1	0.7	0.0	2.8	201.1	6.4	3.8	5.6
197-g24.orc	5878.2	-2.31	-229.7	7.1	0.7	0.0	4.9	-177.6	7.5	5.5	1.2

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
2-g12.orc	4633.9	0.39	121.6	21.1	19.6	0.0	3.8	167.0	14.4	8.0	-9.1
200-g3.orc	1035.1	-1.01	-122.4	28.9	0.9	0.0	2.6	-102.4	23.9	2.5	1.1
202-g26.orc	5104.1	0.83	-117.4	3.2	1.2	0.0	7.8	-117.9	3.0	7.2	-6.9
202-g35.orc	1845.4	-2.55	161.4	7.3	0.8	0.0	2.5	141.1	9.6	2.8	-5.6
204-g19.orc	4518.1	-1.50	-120.7	11.1	2.1	0.0	6.1	-132.3	6.9	6.0	2.1
205-g2.orc	1148.8	1.85	-84.0	21.3	1.1	0.0	2.9	-76.5	15.2	2.8	-2.2
206-g17.orc	1034.7	-3.25	-52.7	24.7	2.6	0.0	3.7	-62.9	16.4	3.8	4.7
208-g31.orc	3059.5	-1.40	-362.5	31.5	0.8	0.0	7.9	-243.1	22.4	7.6	-8.5
21-g3.orc	2289.9	-0.12	140.5	11.8	0.7	0.0	8.8	103.8	11.2	8.5	-4.1
21-g5.orc	2378.1	7.61	-187.7	78.5	1.3	0.0	5.6	-212.0	60.4	4.5	-15.9
215-g39.orc	4335.9	1.24	-111.5	4.1	1.1	0.0	4.6	-108.7	3.9	3.7	0.9
216-g21.orc	5092.4	-0.97	-154.1	5.6	1.3	0.0	6.2	-155.9	4.7	5.8	6.4
216-g8.orc	5579.4	1.61	211.9	4.0	0.9	0.0	19.8	195.3	2.9	20.6	1.4
219-g14.orc	4409.6	1.20	306.2	4.1	1.1	0.0	42.2	273.1	2.0	40.3	-2.4
219-g22.orc	1891.4	0.53	-304.9	76.5	1.1	0.0	1.8	-198.4	34.4	1.7	3.4
22-g12.orc	2699.9	-2.96	-115.7	22.5	2.6	0.0	2.8	-141.6	15.8	3.0	7.9
22-g3.orc	2726.7	4.66	-111.9	18.6	1.2	0.0	1.7	-105.2	13.7	1.6	-10.3
220-g8.orc	3008.8	-2.53	385.1	20.0	0.6	0.0	11.0	209.5	15.9	11.9	-4.2
221-g2.orc	2940.8	1.85	-74.8	11.0	16.4	0.0	5.2	-85.0	5.4	6.4	-5.2
221-g21.orc	2648.9	5.22	766.6	93.0	0.7	0.0	10.0	288.1	29.6	10.2	31.9
221-g22.orc	2910.1	13.09	256.8	43.5	0.9	0.0	4.9	197.9	28.7	4.8	3.1
230-g2.orc	5312.2	5.16	-188.5	20.8	1.4	0.0	10.0	-201.3	16.7	8.8	-23.8
231-g11.orc	5079.5	0.42	-182.0	7.4	1.7	0.0	6.5	-194.6	5.1	6.0	-1.5
231-g23.orc	5037.9	-1.42	-264.8	8.8	1.2	0.0	13.6	-261.4	7.4	13.1	13.9
231-g25.orc	3266.8	-1.60	-386.6	23.7	0.8	0.0	6.1	-285.0	20.4	7.4	5.8
231-g29.orc	4936.4	5.11	-438.8	25.8	0.5	0.0	3.1	-156.4	13.8	3.6	-3.6
231-g6.orc	4733.2	2.58	-160.6	24.4	1.2	0.0	2.2	-137.9	15.2	2.2	-8.8
233-g25.orc	3411.7	2.73	151.8	73.1	13.1	0.0	1.5	142.6	38.5	7.4	5.7
233-g36.orc	3295.0	-0.02	-236.9	12.7	0.7	0.0	8.4	-154.5	10.2	8.8	4.0
233-g41.orc	2949.2	0.09	-243.6	9.7	2.8	0.0	8.0	-268.0	5.0	10.8	-1.8
233-g42.orc	2559.1	0.71	-96.7	4.5	1.3	0.0	3.5	-98.7	3.7	3.2	-1.9
233-g43.orc	3185.9	8.46	-109.3	51.2	1.8	0.0	8.2	-125.4	37.2	8.0	-0.1
233-g47.orc	5179.4	0.37	-103.5	9.3	1.5	0.0	8.5	-113.2	8.0	7.7	-2.6
234-g13.orc	4783.9	2.74	170.2	3.3	0.8	0.0	10.9	157.7	5.4	9.3	8.9
234-g32.orc	5915.7	0.96	152.1	8.6	2.5	0.0	3.9	169.0	4.9	4.4	-2.3
235-g16.orc	7147.8	0.63	99.3	10.5	4.4	0.0	8.4	115.4	5.4	9.2	0.8
235-g20.orc	4670.8	-0.55	-124.4	5.8	1.5	0.0	4.1	-128.4	3.8	3.9	-0.2
2352-14.orc	5465.8	1.63	-93.1	3.4	1.0	0.0	5.2	-84.7	2.9	5.0	-16.2
236-g37.orc	5557.2	-0.83	-153.4	4.2	1.3	0.0	3.9	-155.9	3.2	3.8	-0.8
237-g15.orc	1816.5	8.79	261.2	38.1	0.7	0.0	4.7	158.9	26.4	4.8	-12.5
237-g46.orc	1623.7	-3.35	-373.5	75.0	0.9	0.0	4.1	-205.4	31.1	3.9	5.7
237-g49.orc	2919.3	2.42	95.8	16.3	1.4	0.0	5.3	98.5	12.7	5.1	6.3
238-g24.orc	7007.7	0.61	-256.0	4.7	0.8	0.0	14.8	-227.0	6.0	14.5	-5.3
239-g17.orc	3100.6	0.51	-71.5	4.6	0.9	0.0	2.8	-64.9	4.5	2.9	-2.4
24-g19.orc	6516.3	4.59	271.4	28.0	1.5	0.0	11.4	283.0	19.5	10.8	34.3
240-g11.orc	2878.6	-4.38	-227.3	18.6	2.7	0.0	16.9	-247.1	9.6	19.0	2.6
240-g13.orc	3272.8	0.03	113.8	15.6	3.8	0.0	4.9	139.5	9.6	5.3	5.8
241-g21.orc	6018.7	3.13	220.9	16.7	3.2	0.0	15.3	264.3	10.4	16.7	14.7
242-g18.orc	3542.4	-0.16	105.0	1.9	0.7	0.0	5.0	94.2	3.7	4.8	-0.6
243-g14.orc	7902.5	0.08	147.7	3.3	1.1	0.0	10.5	148.1	3.1	10.0	-5.5
243-g34.orc	5970.2	8.70	-583.6	45.6	1.1	0.0	24.0	-504.5	31.4	23.9	-85.8

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
243-g36.orc	6849.9	2.55	197.2	9.7	1.1	0.0	12.3	189.2	7.9	11.9	9.9
243-g8.orc	7330.5	0.73	222.7	10.4	1.4	0.0	18.4	242.9	9.2	16.0	7.5
244-g31.orc	6719.0	0.41	-160.6	4.8	1.4	0.0	12.7	-164.2	3.5	12.2	-7.0
244-g43.orc	6242.6	-2.56	-162.0	4.8	1.2	0.0	5.0	-160.6	3.8	4.8	11.6
245-g10.orc	5712.8	-1.52	346.4	15.9	0.7	0.0	15.7	250.5	14.1	16.9	-7.2
249-g16.orc	1184.2	2.76	189.7	33.2	2.2	0.0	5.3	204.3	18.2	5.7	6.2
249-g35.orc	1036.5	-4.46	-185.2	42.4	0.5	0.0	7.7	-52.9	18.4	7.5	1.5
25-g16.orc	6138.8	0.74	112.5	8.9	2.5	0.0	1.3	127.6	5.3	1.6	2.8
250-g17.orc	4545.8	-0.90	-267.3	6.2	1.2	0.0	12.0	-268.6	4.9	12.0	4.8
251-g10.orc	4439.0	-0.64	192.9	5.5	1.1	0.0	9.6	193.5	5.5	10.0	-12.0
251-g6.orc	4989.5	1.77	151.8	19.2	2.3	0.0	11.0	179.4	13.2	11.5	8.5
257-g19.orc	2803.8	3.78	-141.3	20.5	2.6	0.0	13.4	-158.8	12.0	14.0	-71.2
26-g6.orc	2742.9	-1.23	194.0	37.0	0.8	0.0	4.7	136.4	23.8	4.6	-0.1
264-g43.orc	5686.3	1.56	-247.0	7.5	2.2	0.0	6.5	-264.4	4.1	7.8	-17.7
264-g48.orc	2881.3	-3.22	-129.0	18.4	3.3	0.0	6.4	-154.8	11.4	6.8	7.3
265-g16.orc	5167.5	0.54	176.5	6.4	1.0	0.0	6.7	170.2	5.8	6.7	1.5
265-g2.orc	1318.6	7.54	107.2	33.3	1.0	0.0	4.1	93.2	25.8	3.9	17.6
266-g15.orc	3194.2	0.18	-166.8	7.8	0.8	0.0	1.4	-137.1	7.2	1.6	11.2
266-g8.orc	3218.8	-4.60	227.1	15.7	0.7	0.0	3.4	143.4	12.0	3.6	-6.2
267-g29.orc	5444.9	1.13	154.7	5.8	1.7	0.0	6.9	163.7	3.9	6.8	-0.1
267-g38.orc	5881.9	0.04	-235.6	5.2	1.0	0.0	12.5	-223.8	4.6	12.3	-2.1
268-g11.orc	8514.6	0.79	-246.3	4.6	1.0	0.0	11.3	-241.9	5.5	8.5	-2.4
268-g33.orc	5509.7	2.95	222.2	9.8	1.9	0.0	9.0	241.6	6.9	8.5	7.7
269-g15.orc	3416.1	17.85	313.0	68.9	1.4	0.0	3.4	305.3	45.7	3.3	40.1
269-g19.orc	2174.9	-1.95	-278.8	7.2	0.6	0.0	6.3	-195.1	11.8	10.2	1.9
269-g48.orc	3257.9	-1.69	129.4	13.0	0.7	0.0	7.0	95.3	11.5	7.1	-4.1
269-g49.orc	3243.6	3.20	150.0	14.2	1.1	0.0	8.6	134.9	10.9	8.3	5.6
269-g52.orc	3178.0	4.69	231.4	51.0	0.8	0.0	18.7	132.0	26.4	18.0	9.0
269-g61.orc	4933.5	-0.71	-263.9	11.8	1.7	0.0	50.4	-277.2	7.3	51.8	16.5
269-g63.orc	3196.6	0.58	131.0	10.7	2.2	0.0	13.9	154.3	8.0	14.8	7.6
269-g75.orc	3624.1	-3.63	110.8	12.5	1.6	0.0	7.8	116.7	8.1	7.4	1.1
269-g78.orc	3073.0	-2.00	91.9	8.3	3.3	0.0	27.4	103.9	4.7	27.9	-4.0
269-g82.orc	3135.8	-1.49	-104.3	7.5	0.9	0.0	31.0	-106.3	9.7	28.8	12.8
27-g17.orc	8001.9	-0.05	-277.4	12.3	1.0	0.0	18.9	-224.4	8.2	18.1	1.9
27-g24.orc	4077.1	-1.22	203.0	4.6	0.7	0.0	6.4	165.1	6.0	6.8	-1.9
27-g8.orc	2496.1	-0.59	159.8	20.4	3.3	0.0	4.9	195.9	13.5	5.9	2.1
271-g22.orc	3012.2	2.40	-173.1	24.2	2.4	0.0	5.7	-201.2	15.7	5.7	-4.8
271-g4.orc	2449.2	-4.31	-123.7	9.2	0.8	0.0	2.7	-108.0	10.9	2.4	14.2
273-g6.orc	4864.1	1.80	120.8	8.0	7.2	0.0	9.2	141.6	4.4	13.5	12.1
280-g13.orc	6015.8	1.63	-299.0	15.2	1.1	0.0	26.3	-288.6	12.8	26.4	-3.2
281-g38.orc	4938.7	-2.14	-186.5	7.0	2.4	0.0	13.1	-203.1	3.8	14.9	-1.3
282-g3.orc	5086.9	0.96	190.1	5.6	1.4	0.0	5.5	195.3	4.1	5.3	1.9
282-g35.orc	5696.8	-0.01	170.9	20.9	0.9	0.0	2.5	116.4	11.3	2.4	3.8
284-g13.orc	5718.3	0.44	210.7	5.0	1.0	0.0	10.9	194.9	4.7	11.6	-4.7
284-g21.orc	5769.2	0.85	-114.4	10.4	1.5	0.0	8.2	-118.0	7.3	8.0	-3.8
284-g24.orc	3147.1	0.79	-135.7	23.5	3.5	0.0	5.5	-166.5	14.7	5.9	0.1
284-g29.orc	5227.5	-0.64	-216.8	9.0	0.7	0.0	5.9	-171.9	9.7	7.6	0.5
284-g39.orc	5434.2	0.13	121.8	3.9	1.1	0.0	2.0	114.0	3.2	2.1	1.2
285-g1.orc	6375.4	2.26	273.9	1.3	0.5	0.0	34.2	173.7	2.7	36.1	30.4
285-g27.orc	6697.2	-2.50	127.5	3.7	1.2	0.0	8.3	131.1	3.7	7.2	-16.8
285-g40.orc	6738.6	1.23	263.7	9.3	1.4	0.0	5.2	271.5	6.7	5.0	3.6

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
285-g48.orc	2717.7	4.12	-141.1	21.3	1.2	0.0	8.5	-130.8	16.0	7.9	-7.3
286-g16.orc	4953.9	-2.44	-195.9	12.9	1.6	0.0	6.3	-208.8	8.9	6.2	9.9
286-g18.orc	9136.9	-1.20	325.2	1.0	0.9	0.0	85.9	319.3	1.5	83.1	-13.1
287-g13.orc	2700.1	1.79	167.7	16.2	2.2	0.0	4.6	182.1	9.6	5.0	-2.9
289-g10.orc	2788.2	-0.58	-271.2	37.1	0.6	0.0	8.3	-152.7	27.6	9.5	-1.8
290-g22.orc	3001.3	-0.10	-152.6	7.2	1.4	0.0	5.1	-156.1	5.1	5.1	0.3
290-g35.orc	5878.6	2.71	257.8	35.0	1.4	0.0	5.3	251.0	23.2	4.9	11.6
291-g10.orc	1586.8	-4.06	154.4	24.2	12.3	0.0	9.6	181.9	12.0	13.2	-8.2
291-g24.orc	1698.3	2.78	68.0	21.3	4.9	0.0	8.9	87.5	13.5	9.2	12.3
296-g25.orc	6499.4	-0.23	-186.0	4.5	1.1	0.0	12.1	-180.9	3.4	12.0	-0.6
296-g26.orc	6158.8	2.36	-341.0	23.6	1.6	0.0	42.5	-368.5	17.3	40.4	-19.2
297-g27.orc	6363.7	0.36	128.6	6.0	8.5	0.2	8.1	159.4	2.3	12.2	1.7
297-g37.orc	5527.6	3.80	188.0	3.8	1.2	0.0	4.1	189.6	3.8	3.2	-2.4
298-g15.orc	1412.2	17.04	268.9	0.4	1.2	0.0	4.4	186.9	68.2	4.2	29.2
298-g16.orc	5219.3	-3.38	310.5	9.2	1.4	0.0	38.5	326.3	7.1	35.8	-6.7
298-g29.orc	6067.2	-0.49	152.1	2.5	1.0	0.0	10.3	138.5	1.3	9.4	-5.8
298-g36.orc	4889.9	0.37	-121.3	6.9	1.8	0.0	16.9	-127.6	4.1	16.3	8.9
298-g8.orc	5368.7	3.82	223.1	6.2	0.6	0.0	8.1	153.8	7.9	8.4	11.7
299-g18.orc	4815.3	-0.40	152.8	17.0	1.6	0.0	7.6	166.2	13.1	7.2	-6.7
299-g4.orc	5320.8	1.93	-163.6	3.3	1.1	0.0	3.6	-162.3	3.0	3.6	-2.2
3-g3.orc	4911.1	2.04	143.8	10.2	3.1	0.0	12.5	160.6	5.4	13.8	14.1
3-g4.orc	4617.7	2.10	-161.4	10.9	2.9	0.0	12.3	-176.4	5.2	13.2	-2.3
30-g9.orc	8143.3	-3.00	-300.1	10.3	2.9	0.0	26.3	-327.7	5.0	28.7	10.3
302-g7.orc	5713.8	0.95	-133.8	3.6	0.8	0.0	6.5	-115.2	3.9	6.6	-2.2
302-g9.orc	996.1	1.38	107.0	27.8	0.9	0.0	3.5	78.6	18.6	3.4	0.1
303-g14.orc	6112.7	-0.25	-222.8	9.5	2.6	0.0	31.2	-251.8	5.8	30.2	1.7
304-g16.orc	5209.2	0.29	-195.1	2.1	1.3	0.0	8.6	-204.3	2.3	5.8	3.2
305-g14.orc	4935.1	1.04	191.3	6.3	0.7	0.0	3.9	149.4	6.3	4.5	-0.9
305-g6.orc	1185.4	-1.95	249.9	5.9	0.5	0.0	6.1	165.2	13.5	10.1	-7.6
306-g2.orc	4183.0	0.25	-105.1	13.5	1.8	0.0	3.3	-115.8	9.2	3.4	-2.0
306-g32.orc	3106.2	-0.13	198.1	9.3	1.0	0.0	4.4	186.1	8.6	4.7	1.2
308-g23.orc	5356.0	0.57	167.4	3.7	1.3	0.0	3.5	169.7	2.8	3.3	5.0
309-g17.orc	5184.9	0.99	209.0	9.5	4.0	0.0	8.5	232.9	4.7	12.4	-9.1
309-g5.orc	1907.3	-1.65	-82.1	1.4	0.7	0.0	8.1	-64.3	0.4	7.2	3.3
31-g18.orc	8317.8	-2.35	201.2	5.0	1.0	0.0	11.3	190.9	4.2	11.6	-9.2
31-g5.orc	4794.0	-1.91	215.2	4.4	1.1	0.0	6.5	208.0	3.5	7.0	0.0
310-g2.orc	4127.5	4.63	-215.4	4.3	1.1	0.0	24.9	-225.6	5.1	16.9	13.5
317-g32.orc	5433.9	3.13	-220.4	2.6	1.2	0.0	16.0	-227.0	2.6	14.4	-6.1
317-g41.orc	7477.4	0.79	-170.4	1.0	10.0	0.6	24.1	-178.7	0.0	39.0	-22.6
317-g52.orc	2780.6	-0.52	-162.4	6.2	1.8	0.0	20.9	-171.6	3.6	20.6	2.6
317-g53.orc	2760.6	0.20	68.3	18.8	3.0	0.0	10.1	85.1	14.1	9.9	8.6
319-g16.orc	2941.6	2.00	-155.7	22.7	0.9	0.0	2.2	-124.4	16.6	2.3	-6.4
319-g26.orc	3600.0	3.23	-117.0	21.3	1.1	0.0	5.1	-99.8	13.7	4.6	-1.0
32-g18.orc	4328.7	0.24	229.7	8.5	1.1	0.0	10.8	225.5	8.0	9.8	2.7
320-g2.orc	4842.1	4.80	-293.6	29.1	1.1	0.0	3.9	-251.8	19.0	3.6	-25.9
320-g24.orc	2992.7	-0.05	1514.1	0.7	0.2	0.0	5.1	78.2	5.5	5.6	9.7
320-g26.orc	2803.2	0.18	-222.2	0.3	0.8	0.0	10.3	-217.3	0.7	11.2	-2.8
321-g1.orc	3703.9	0.02	133.5	6.1	1.0	0.0	7.3	133.3	6.7	7.0	1.9
321-g10.orc	3131.2	-3.20	168.6	13.7	1.3	0.0	5.8	170.6	10.4	5.5	-1.8
321-g17.orc	6710.7	-1.98	153.8	12.4	1.8	0.0	14.1	167.9	8.3	14.1	-11.3
322-g33.orc	2667.1	-3.64	55.7	6.2	0.8	0.0	1.6	40.9	4.5	1.6	1.1

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
322-g36.orc	2964.8	-0.95	136.7	4.4	1.0	0.0	4.1	130.3	3.8	4.7	5.8
322-g45.orc	3025.7	-4.08	-162.8	7.8	1.0	0.0	4.7	-146.6	6.2	5.1	3.7
322-g48.orc	4276.6	0.43	-145.7	17.8	1.2	0.0	2.2	-137.7	13.1	1.9	-1.4
322-g55.orc	2736.5	8.27	174.7	20.8	1.2	0.0	7.5	169.9	15.8	6.7	15.5
322-g82.orc	4621.5	3.06	-186.5	5.5	2.0	0.0	11.5	-194.6	3.0	11.4	-5.5
322-g85.orc	3961.7	-2.06	-69.3	13.6	11.5	0.4	4.7	-97.4	4.9	8.9	-1.3
322-g87.orc	3639.9	1.96	404.7	22.2	0.7	0.0	5.6	234.2	14.0	6.3	6.9
322-g93.orc	3475.8	1.46	-107.9	13.6	1.4	0.0	1.7	-106.3	9.1	1.5	-8.2
323-g27.orc	3842.4	0.53	188.3	5.7	1.1	0.0	9.9	180.9	3.8	9.0	9.4
323-g33.orc	2331.6	-2.15	146.5	23.4	2.4	0.0	2.7	186.8	17.9	2.5	-16.4
323-g41.orc	3517.4	0.40	-88.3	3.4	1.2	0.0	3.8	-88.0	3.1	3.4	4.4
323-g42.orc	4200.6	-1.14	137.3	11.2	2.0	0.0	3.4	149.3	6.9	3.6	0.6
325-g27.orc	4837.5	-2.35	-61.8	10.3	9.5	0.0	6.4	-71.6	4.8	7.6	9.5
325-g50.orc	1786.0	2.03	-140.2	9.0	0.7	0.0	1.7	-103.6	8.3	1.7	-1.0
327-g27.orc	5498.6	-1.10	-1677.4	4.8	0.2	0.0	2.8	-137.9	9.8	3.8	-2.4
327-g31.orc	4518.3	0.86	-136.5	6.9	1.7	0.0	7.4	-143.5	4.5	7.2	8.3
328-g15.orc	5137.5	1.78	-193.8	2.4	1.1	0.0	9.4	-188.9	2.0	7.7	1.5
328-g3.orc	7446.1	-1.30	-213.8	5.8	2.8	0.0	17.0	-233.0	3.0	18.4	-6.9
328-g31.orc	4778.4	-5.46	626.8	0.5	1.1	0.0	3.3	322.5	47.5	3.1	-31.6
328-g41.orc	4661.7	2.73	219.7	16.3	2.2	0.0	32.1	240.1	9.7	32.8	6.7
328-g43.orc	1332.1	-2.70	-81.4	19.0	1.0	0.0	2.3	-78.2	19.6	1.8	3.1
328-g46.orc	5156.0	0.24	176.9	12.3	2.4	0.0	5.6	203.0	7.9	5.9	-2.0
329-g7.orc	1438.9	2.60	238.6	4.1	1.1	0.0	14.3	236.8	3.7	12.2	-0.1
33-g22.orc	4377.9	-0.08	-148.8	21.0	1.1	0.0	18.3	-144.6	18.5	16.6	1.9
33-g32.orc	4731.1	-0.15	-145.6	3.1	1.6	0.0	16.4	-149.4	1.9	15.9	-4.9
336-g13.orc	4888.0	1.26	-229.4	1.6	0.7	0.0	9.6	-200.1	2.5	12.0	2.0
336-g16.orc	5075.0	7.83	258.5	11.9	1.3	0.0	15.7	254.4	8.8	13.6	0.0
336-g6.orc	4383.0	0.47	-215.2	1.9	1.1	0.0	2.9	-214.5	2.1	2.9	1.0
337-g22.orc	5643.3	0.23	-163.8	5.7	1.0	0.0	5.4	-153.9	4.7	5.5	4.3
337-g6.orc	5770.0	2.14	179.9	4.5	1.5	0.0	4.8	185.1	3.0	4.7	2.0
338-g22.orc	5701.9	0.33	-131.3	6.0	1.4	0.0	4.0	-133.5	4.3	3.9	-2.1
339-g36.orc	5649.2	3.17	-157.3	5.6	1.2	0.0	11.3	-157.2	5.0	10.4	0.2
34-g12.orc	5558.0	-3.69	-210.1	4.6	1.0	0.0	24.2	-215.8	5.9	24.4	21.0
34-g3.orc	4500.8	-2.99	-245.1	6.5	1.4	0.0	44.5	-278.9	9.0	31.3	6.8
340-g26.orc	5480.3	4.63	203.6	17.3	1.5	0.0	5.3	212.4	12.0	5.3	7.3
340-g8.orc	2848.7	-0.27	-101.5	8.0	1.9	0.0	7.0	-109.7	5.0	6.7	-7.3
342-g43.orc	5102.7	-0.79	163.6	4.2	1.6	0.0	2.8	171.2	2.8	2.7	-7.3
343-g18.orc	4853.2	-6.13	254.4	25.2	1.0	0.0	2.3	195.3	16.0	2.6	-14.8
343-g28.orc	4585.5	1.37	-114.3	8.0	1.0	0.0	3.8	-105.1	7.0	3.7	-12.5
344-g20.orc	5052.0	-4.50	448.5	29.8	1.3	0.0	4.6	401.4	18.1	4.0	-51.0
346-g1.orc	2327.9	2.01	-132.4	22.8	2.1	0.0	2.7	-150.9	15.4	2.8	-6.1
346-g14.orc	2707.6	-5.89	-213.5	27.6	0.7	0.0	3.3	-137.4	24.5	3.7	10.6
346-g26.orc	1194.4	-2.33	263.1	30.1	0.5	0.0	6.5	131.9	29.5	7.4	2.4
347-g28.orc	696.0	3.41	77.6	21.5	1.7	0.0	6.0	83.4	14.8	5.9	8.0
347-g33.orc	1513.2	-1.44	176.4	12.8	1.6	0.0	2.0	185.1	8.8	2.0	-1.8
347-g34.orc	1678.9	-1.87	214.2	12.4	0.6	0.0	7.7	155.6	18.6	8.2	3.9
349-g32.orc	6856.1	1.92	292.8	7.1	1.1	0.0	18.6	296.8	7.6	15.5	7.1
349-g33.orc	6829.1	0.99	201.5	6.5	2.4	0.0	3.4	218.5	3.4	4.2	-0.9
35-g18.orc	1721.7	-3.82	157.4	7.3	1.0	0.0	4.1	150.7	7.8	4.4	0.7
35-g3.orc	4326.6	5.84	-100.2	9.2	1.4	0.0	7.1	-103.3	7.0	6.9	-1.4
350-g17.orc	1807.3	-1.23	166.0	9.9	0.6	0.0	5.8	112.2	11.7	6.9	-13.7

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
350-g23.orc	1595.0	2.00	220.0	40.0	12.0	0.0	11.7	256.0	21.1	14.7	-1.0
351-g1.orc	6422.5	2.39	125.1	15.1	1.7	0.0	4.0	134.5	10.5	3.8	11.5
351-g18.orc	5374.8	0.08	170.6	7.8	0.8	0.0	1.8	140.3	7.2	2.1	1.8
351-g28.orc	3476.9	-1.49	296.5	29.6	0.7	0.0	2.8	155.9	14.5	3.0	-9.1
352-g14.orc	6506.5	-1.23	-276.7	0.0	0.2	0.0	21.6	-167.0	1.1	70.4	10.5
352-g15.orc	3540.3	1.07	-90.3	7.1	2.0	0.0	4.1	-97.6	4.3	3.9	2.3
352-g24.orc	3539.8	-0.50	274.8	6.6	0.8	0.0	3.4	234.6	6.4	3.0	-12.2
352-g27.orc	5337.8	1.08	282.5	11.9	0.7	0.0	4.9	196.2	10.5	6.1	3.8
352-g50.orc	5896.6	0.20	156.6	3.3	1.1	0.0	5.7	155.1	3.1	5.1	-2.4
352-g53.orc	3870.9	0.00	-186.5	1.5	0.8	0.0	4.8	-173.2	1.8	5.0	-3.1
353-g14.orc	3825.2	-4.28	-192.1	11.6	1.0	0.0	3.8	-174.7	10.4	4.9	-7.8
353-g2.orc	5995.8	0.58	-94.4	4.6	2.0	0.0	9.2	-101.6	2.8	8.6	-6.2
353-g26.orc	5857.6	2.21	-194.7	15.6	1.5	0.0	3.0	-208.9	11.8	2.7	-6.4
354-g17.orc	5622.9	2.24	-178.8	6.7	1.7	0.0	10.3	-187.7	4.4	9.9	-3.1
354-g46.orc	3346.9	-0.41	202.0	4.1	1.1	0.0	7.0	197.3	3.5	6.8	-3.1
354-g47.orc	6182.6	-0.01	-336.9	0.0	0.2	0.0	7.5	-206.5	1.5	10.3	2.6
355-g26.orc	2022.9	1.25	105.0	13.4	1.5	0.0	1.8	109.9	9.3	1.7	4.9
356-g15.orc	6360.7	-0.13	-208.4	8.4	2.1	0.0	15.8	-226.2	5.2	16.0	0.7
356-g18.orc	1440.0	-4.02	83.1	16.5	0.9	0.0	1.8	73.3	15.7	1.7	-6.0
357-g16.orc	1453.3	-4.07	-314.8	96.0	0.8	0.0	1.3	-143.3	33.7	1.3	4.3
357-g19.orc	1800.4	3.16	206.4	9.1	0.4	0.0	4.1	74.6	11.2	4.3	-0.6
357-g3.orc	4754.6	1.00	160.4	11.5	1.1	0.0	2.2	150.9	9.0	2.0	4.6
358-g17.orc	1634.8	-1.41	208.1	5.0	0.9	0.0	13.6	196.2	5.4	15.5	-17.2
358-g58.orc	1390.8	1.14	-228.8	26.4	0.6	0.0	5.6	-127.4	17.7	5.4	-4.2
358-g63.orc	1870.7	-0.64	127.4	23.4	3.7	0.0	3.4	158.4	15.3	4.3	-11.3
358-g9.orc	1380.8	5.53	-1041.6	440.1	0.6	0.0	5.7	-554.7	214.2	6.2	10.8
359-g6.orc	1020.2	-14.85	560.3	278.3	1.2	0.0	1.3	407.9	134.1	1.4	-29.8
36-g19.orc	4631.7	-0.73	207.8	1.9	1.1	0.0	8.3	211.6	2.4	6.1	-0.3
361-g12.orc	5300.0	0.06	320.1	22.1	0.6	0.0	2.2	171.7	15.5	2.1	1.0
362-g11.orc	1365.3	-2.64	-125.4	32.7	3.2	0.0	5.3	-139.5	16.3	5.9	5.3
363-g23.orc	885.6	2.86	-150.4	5.7	1.0	0.0	2.3	-146.5	5.8	2.5	2.6
363-g7.orc	1281.3	11.38	-132.2	46.4	1.8	0.0	2.1	-148.8	33.7	2.0	-6.7
365-g28.orc	7013.9	-0.37	-175.6	4.2	1.3	0.0	4.0	-177.7	3.0	3.9	-1.1
365-g31.orc	6827.6	0.49	160.0	0.9	1.2	0.0	9.6	162.0	1.1	8.6	-8.4
366-g4.orc	7083.5	2.74	-114.0	9.0	3.6	0.0	4.0	-126.6	4.5	4.5	-18.5
366-g9.orc	1920.4	0.46	-90.6	9.3	3.2	0.0	7.0	-100.9	4.7	7.7	-1.6
373-g12.orc	2650.1	1.60	111.4	4.8	0.6	0.0	4.8	76.8	6.7	4.9	8.1
373-g21.orc	2656.3	-0.88	-132.4	18.8	1.2	0.0	6.0	-121.7	13.4	5.7	8.3
373-g29.orc	2807.3	0.48	146.0	13.5	1.6	0.0	9.1	166.9	11.4	8.2	9.3
374-g10.orc	3016.6	4.12	-128.3	16.6	4.3	0.0	11.4	-141.6	9.0	14.2	-3.4
374-g11.orc	2609.4	-1.32	-116.8	16.9	3.5	0.0	3.7	-149.4	11.7	4.0	-1.6
374-g26.orc	2738.4	4.30	174.2	10.3	0.9	0.0	4.0	146.9	8.3	4.0	14.4
374-g27.orc	9094.8	0.32	251.3	0.4	0.6	0.0	15.2	224.0	0.8	17.6	-1.2
374-g29.orc	2794.6	2.07	-131.8	2.3	0.7	0.0	9.2	-116.6	4.3	8.5	3.6
374-g3.orc	2926.0	6.47	114.9	14.9	1.9	0.0	9.5	126.5	10.6	9.2	3.0
374-g49.orc	2890.1	-1.52	205.7	11.6	1.4	0.0	9.7	208.5	8.3	9.5	-2.9
374-g8.orc	1515.4	0.08	-163.2	47.6	1.2	0.0	7.0	-161.2	36.4	6.4	6.4
375-g12.orc	2881.6	3.10	-258.5	0.0	0.2	0.0	9.3	-204.3	2.3	9.5	8.6
375-g2.orc	2975.7	2.23	-125.4	8.3	2.6	0.0	7.0	-144.8	5.8	7.0	0.7
375-g26.orc	3145.7	-4.91	-171.9	15.2	1.9	0.0	3.8	-190.7	10.5	3.9	7.7
375-g29.orc	2953.2	-5.51	-280.1	14.1	0.7	0.0	15.9	-193.0	11.7	17.8	-3.8

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
375-g47.orc	3055.9	4.26	-157.1	13.6	2.0	0.0	0.1	-186.9	10.2	0.1	-9.1
376-g2.orc	4147.4	-1.25	193.0	12.3	3.6	0.0	8.7	212.5	5.5	10.2	-4.6
377-g10.orc	2872.9	-0.61	192.1	7.5	1.6	0.0	4.6	200.5	5.0	4.6	2.9
377-g11.orc	3131.0	7.03	189.0	27.4	4.2	0.0	19.0	221.2	14.4	21.6	23.0
377-g20.orc	2446.9	0.46	-131.5	11.9	3.3	0.0	13.7	-155.6	7.7	16.0	-5.1
377-g31.orc	3011.1	3.64	170.1	3.1	0.7	0.0	16.1	145.2	5.2	15.5	13.1
378-g11.orc	3240.2	-1.81	-265.1	25.4	0.8	0.0	2.6	-166.8	15.2	2.9	3.2
379-g6.orc	2952.1	5.84	252.0	24.4	0.9	0.0	2.9	211.9	18.8	3.2	8.1
38-g12.orc	5207.7	1.56	149.4	5.0	1.5	0.0	1.9	154.2	3.4	1.8	5.7
380-g14.orc	3954.8	-1.25	-180.8	3.4	1.1	0.0	3.8	-177.5	2.8	3.4	2.8
380-g19.orc	2948.1	4.68	357.1	22.6	0.9	0.0	11.0	296.7	20.8	7.5	8.1
380-g2.orc	2617.2	-1.25	-59.4	3.3	0.9	0.0	1.9	-53.8	2.8	1.9	3.2
380-g23.orc	2746.5	3.27	-283.7	52.0	1.5	0.0	5.0	-265.9	31.9	4.8	-13.5
380-g24.orc	2708.8	0.00	216.6	5.1	0.6	0.0	5.4	176.2	8.8	7.7	-0.2
380-g25.orc	2817.5	6.28	133.2	17.8	0.8	0.0	1.3	95.1	13.0	1.4	5.5
380-g29.orc	4024.0	-3.70	175.7	50.7	1.4	0.0	4.9	167.4	33.5	4.4	-39.0
381-g51.orc	4995.2	3.79	-247.7	9.7	1.4	0.0	5.3	-260.8	8.0	3.8	0.2
382-g4.orc	2573.2	0.12	-116.4	13.5	0.9	0.0	1.8	-94.5	10.3	1.5	-2.8
382-g41.orc	1724.5	6.35	-133.0	18.7	0.8	0.0	6.4	-99.1	15.9	6.0	-14.5
382-g58.orc	7644.1	1.98	-297.1	10.2	2.2	0.0	25.6	-317.6	5.6	29.5	3.1
383-g2.orc	6142.9	-1.62	-163.4	4.0	1.8	0.0	10.7	-170.8	2.3	10.9	-1.1
383-g55.orc	7688.4	-0.60	-198.9	5.8	9.3	0.0	10.4	-230.6	2.6	18.4	-2.6
383-g67.orc	4095.7	-3.12	-121.0	10.9	1.6	0.0	6.6	-130.0	8.0	6.3	16.7
383-g88.orc	4241.4	4.55	188.9	5.8	1.1	0.0	4.9	183.4	5.8	4.5	8.4
385-g12.orc	3706.0	2.49	87.1	23.7	1.8	0.0	8.3	103.6	19.0	7.9	3.0
385-g8.orc	3762.6	-1.62	382.8	39.0	0.6	0.0	6.2	200.1	23.5	7.5	5.6
386-g43.orc	7776.8	-0.76	-315.9	4.3	1.0	0.0	25.3	-297.7	3.5	26.2	5.8
386-g44.orc	7577.1	0.33	134.1	0.6	1.3	0.0	2.9	135.1	0.5	2.7	6.1
386-g6.orc	4517.6	0.27	136.4	8.7	2.6	0.0	4.1	148.4	4.5	4.8	1.6
386-g9.orc	4560.9	0.64	-145.1	0.6	6.1	0.0	26.3	-146.1	0.2	26.0	19.9
387-g20.orc	6368.6	-1.82	158.0	8.0	16.8	0.0	4.9	197.9	4.5	7.8	-3.4
387-g26.orc	4366.2	0.68	-247.5	2.0	0.7	0.0	9.6	-225.6	3.4	11.2	1.2
387-g4.orc	4188.8	-0.51	-215.9	1.0	1.0	0.0	18.8	-202.6	0.4	13.8	-9.2
396-g7.orc	5760.0	0.20	-133.1	1.0	18.8	0.9	19.9	-136.1	0.0	28.6	-81.0
397-g18.orc	5385.0	-2.11	-200.9	19.6	1.4	0.0	11.5	-223.8	17.1	9.6	6.0
398-g20.orc	5369.2	-0.60	161.9	7.8	2.0	0.0	13.5	179.9	5.4	14.4	-8.8
399-g23.orc	5907.1	1.14	-170.0	5.9	1.2	0.0	3.5	-165.4	4.6	3.4	-5.9
4-g19.orc	4664.9	1.68	-133.0	3.8	0.7	0.0	10.9	-108.4	4.8	10.5	-2.1
40-g12.orc	2677.9	1.63	-232.2	11.6	1.0	0.0	5.0	-221.6	10.5	4.2	0.9
400-g21.orc	5737.0	-3.05	-134.7	10.7	1.3	0.0	15.0	-136.8	8.1	14.7	8.0
400-g37.orc	3069.4	0.45	-891.0	0.0	0.1	0.0	6.4	-102.3	7.0	8.4	4.4
400-g5.orc	5975.9	-0.86	157.0	6.8	2.0	0.0	7.1	164.2	3.5	7.4	-6.1
401-g3.orc	5587.1	-4.11	-179.3	6.9	5.1	0.0	12.7	-189.7	2.5	17.1	-4.9
403-g16.orc	5319.4	5.74	186.6	3.3	1.1	0.0	23.3	182.6	3.1	22.7	19.4
403-g31.orc	2512.1	3.91	-87.4	11.8	0.8	0.0	3.5	-62.7	8.8	3.3	-12.9
404-g18.orc	2255.6	0.27	1679.3	932.7	0.8	0.0	1.8	232.9	86.5	1.7	-22.4
404-g31.orc	4381.9	-0.21	-136.1	7.7	1.1	0.0	9.4	-129.8	6.5	9.5	10.9
404-g45.orc	4282.7	1.67	-173.5	8.5	1.0	0.0	5.0	-158.3	7.6	5.1	-8.3
405-g5.orc	3414.7	-0.97	-209.0	3.6	1.0	0.0	6.1	-202.2	3.5	5.9	-7.3
406-g26.orc	1678.8	-2.21	-120.4	11.3	0.9	0.0	7.1	-109.8	11.7	7.0	-2.2
406-g33.orc	1919.9	-3.03	-126.6	19.0	2.0	0.0	2.9	-137.3	11.6	3.0	3.9

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
407-g9.orc	1571.0	3.93	-118.8	34.1	1.3	0.0	3.7	-113.0	22.6	3.5	0.0
41-g6.orc	2571.8	-1.91	198.5	35.9	0.5	0.0	10.8	101.9	41.0	10.5	-2.2
41-g9.orc	4419.4	6.49	319.6	29.5	0.8	0.0	10.1	243.3	22.5	9.6	2.4
410-g19.orc	1577.4	-0.17	141.9	9.3	12.0	0.2	8.9	157.4	2.3	14.0	4.4
410-g27.orc	7144.6	2.62	-194.1	6.7	0.9	0.0	18.1	-162.6	5.0	16.8	-15.4
411-g10.orc	5811.0	-0.49	93.1	2.0	1.4	0.0	4.4	92.7	1.2	3.9	2.0
411-g3.orc	6875.2	-0.32	-188.1	3.7	2.5	0.0	6.6	-197.8	1.7	7.5	-4.8
412-g15.orc	5565.5	0.01	-133.6	5.1	1.7	0.0	15.4	-141.9	3.6	14.7	0.5
412-g21.orc	5529.4	0.36	206.0	4.0	0.8	0.0	38.2	184.3	3.3	40.0	-1.6
413-g14.orc	5857.8	-1.99	324.3	6.6	0.6	0.0	14.1	224.5	7.5	16.0	-3.2
413-g16.orc	5895.0	4.74	-255.5	15.8	17.9	0.0	7.4	-296.5	6.3	21.2	-9.0
413-g23.orc	5785.7	-0.15	-223.2	11.5	0.8	0.0	4.7	-164.7	9.6	5.7	-4.3
414-g25.orc	4975.2	0.25	179.2	7.0	1.4	0.0	5.3	186.2	5.4	4.8	1.2
414-g8.orc	4048.6	0.43	-57.0	12.9	2.0	0.0	3.6	-65.8	9.0	3.5	3.6
415-g10.orc	3698.7	-2.68	-124.9	8.7	1.1	0.0	2.4	-123.3	7.7	2.3	6.7
415-g15.orc	3521.6	-1.12	-234.1	2.2	0.9	0.0	2.3	-223.3	2.9	2.7	-0.4
415-g28.orc	4915.1	0.16	-122.1	5.5	1.0	0.0	7.6	-114.8	5.3	6.9	3.1
415-g31.orc	4080.5	1.34	-104.5	17.6	11.2	0.0	6.9	-171.6	16.0	6.9	23.5
416-g20.orc	1277.4	1.28	168.3	6.9	3.6	0.7	32.4	189.3	0.6	42.6	-7.6
416-g33.orc	6552.1	0.45	-84.2	6.3	2.0	0.0	7.2	-93.5	4.3	7.1	-6.9
416-g37.orc	5122.8	-0.76	-197.7	2.0	1.5	0.0	3.2	-201.5	1.4	3.3	-1.2
416-g41.orc	6343.1	-1.67	225.6	2.8	0.8	0.0	21.5	201.2	3.9	21.8	-11.9
417-g18.orc	4730.0	0.87	-158.0	5.1	0.9	0.0	8.4	-147.3	5.9	7.9	2.0
418-g1.orc	1373.9	2.88	180.4	15.1	0.7	0.0	2.5	134.8	14.1	3.0	9.9
418-g15.orc	1060.9	-4.50	159.5	19.5	1.9	0.0	6.1	174.5	12.5	6.5	-7.1
418-g8.orc	1191.3	-0.61	100.6	17.5	0.8	0.0	1.1	84.8	17.7	1.0	0.3
419-g3.orc	4089.9	-0.87	116.1	7.5	1.3	0.0	5.5	117.7	5.7	5.4	4.9
419-g4.orc	1497.3	-2.88	158.7	17.3	2.1	0.0	5.7	168.0	9.1	5.9	2.3
42-g10.orc	2927.4	-0.86	-307.9	11.3	0.5	0.0	9.1	-187.3	14.2	12.5	5.4
42-g3.orc	3033.1	-2.11	-216.4	5.9	2.6	0.0	10.1	-226.6	2.4	10.6	1.1
420-g3.orc	4104.9	-0.96	-131.7	3.9	1.1	0.0	3.4	-129.0	4.0	3.1	-1.1
422-g10.orc	5691.6	-1.85	-218.3	2.9	1.2	0.0	9.9	-221.0	2.7	8.6	-0.4
422-g12.orc	4941.0	-0.01	-187.5	22.0	7.9	0.0	11.4	-236.2	12.3	16.2	0.0
422-g23.orc	6364.3	0.44	-180.6	1.9	4.0	0.4	16.6	-188.4	0.2	24.1	-3.7
426-g8.orc	7044.6	-1.84	-186.6	10.5	1.3	0.0	9.9	-186.3	7.8	9.6	2.6
427-g14.orc	2017.8	-2.20	96.8	6.4	1.3	0.0	8.9	95.7	4.6	8.5	-6.2
427-g2.orc	1887.4	1.17	-215.0	5.2	0.8	0.0	8.5	-193.8	5.8	8.3	-0.6
43-g8.orc	5857.0	0.63	-216.6	5.9	1.0	0.0	6.0	-214.9	7.1	5.5	-1.0
433-g10.orc	2133.0	-0.08	123.6	13.0	1.4	0.0	5.7	126.7	9.5	5.5	1.0
433-g15.orc	1863.2	-0.19	89.8	13.2	1.5	0.0	4.5	94.8	9.6	4.3	6.2
433-g17.orc	1659.6	1.07	401.0	62.0	1.0	0.0	19.9	337.3	45.6	19.4	19.6
434-g23.orc	2522.6	-1.49	-163.5	12.6	0.8	0.0	10.8	-138.0	12.4	10.6	-4.4
435-g10.orc	2490.5	3.84	-374.6	34.5	0.5	0.0	5.3	-146.9	18.8	5.6	-7.5
435-g14.orc	2690.1	2.81	-252.1	23.5	0.9	0.0	4.1	-202.4	18.5	4.2	-6.9
435-g19.orc	2801.6	0.32	-118.2	13.8	2.0	0.0	9.8	-123.8	7.9	9.9	-0.4
435-g24.orc	2710.6	-1.09	-147.0	9.8	2.0	0.0	5.7	-161.2	6.2	5.5	2.6
435-g25.orc	2471.0	9.90	-879.3	0.4	0.9	0.0	29.7	-505.2	159.0	27.6	-49.0
435-g34.orc	2831.9	0.18	-141.5	3.3	1.2	0.0	6.9	-138.6	2.4	6.5	-2.1
435-g5.orc	4572.0	3.52	-143.2	22.0	5.4	0.0	6.0	-187.9	14.9	7.9	-8.0
435-g50.orc	2725.7	0.18	-76.2	16.5	2.6	0.0	1.9	-92.9	12.1	2.0	2.7
435-g51.orc	2836.3	-0.44	156.1	7.3	1.2	0.0	25.1	154.5	6.1	24.6	-3.7

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
436-g3.orc	1093.5	-1.26	332.1	43.4	0.9	0.0	8.1	221.3	25.1	7.8	-4.5
436-g34.orc	3623.8	-1.87	-276.9	21.8	2.8	0.0	6.4	-361.8	16.5	6.5	15.8
436-g39.orc	3503.8	-0.98	-187.5	16.2	2.8	0.0	14.1	-221.7	10.2	14.4	-8.2
437-g18.orc	3353.3	-1.23	205.6	26.5	1.1	0.0	3.8	175.5	17.2	3.7	-4.7
437-g22.orc	4357.9	-0.36	162.6	8.6	1.2	0.0	7.2	159.8	7.3	6.8	5.9
437-g25.orc	3462.7	-0.32	173.2	5.8	1.3	0.0	4.7	172.9	4.4	4.6	2.7
437-g31.orc	3882.8	0.07	97.9	11.6	1.8	0.0	6.7	108.4	8.1	6.2	-0.2
437-g35.orc	3401.8	-1.37	-99.5	3.2	1.1	0.0	3.9	-97.5	3.0	3.7	3.8
437-g47.orc	2497.7	-1.18	73.0	14.2	1.8	0.0	5.1	80.3	9.4	4.9	-0.3
437-g54.orc	3461.4	-0.25	-161.2	10.5	1.3	0.0	3.9	-163.6	8.1	3.7	-2.6
437-g56.orc	2926.0	-1.48	120.2	7.9	1.5	0.0	13.7	126.3	5.8	13.2	-40.0
437-g71.orc	2188.5	3.22	166.9	46.4	0.9	0.0	4.4	100.3	22.7	4.4	9.5
437-g72.orc	3330.1	1.74	-182.0	15.6	2.1	0.0	8.0	-226.2	12.6	7.6	-0.9
438-g15.orc	3363.1	-0.38	-228.8	9.8	0.7	0.0	9.0	-167.1	9.8	10.1	-0.9
438-g18.orc	7175.6	0.78	185.2	9.4	2.0	0.0	12.5	205.9	6.2	12.2	16.6
439-g11.orc	2313.7	1.12	100.9	12.5	1.1	0.0	3.8	93.3	10.0	3.4	-1.3
439-g18.orc	8813.0	1.26	-207.0	5.3	1.4	0.0	36.0	-219.7	4.8	32.5	-6.0
439-g20.orc	4135.6	1.00	222.7	3.4	1.1	0.0	7.2	212.4	2.7	7.0	8.6
439-g9.orc	7158.1	2.45	-259.7	8.7	6.4	0.0	34.6	-297.3	4.2	48.9	-8.9
44-g1.orc	5206.3	-0.24	201.3	9.0	1.0	0.0	7.9	177.1	7.1	8.0	-2.7
44-g13.orc	4926.7	1.11	187.7	16.3	5.2	0.0	5.4	248.3	11.4	9.7	0.7
440-g51.orc	2254.0	2.07	-105.8	9.5	1.4	0.0	0.6	-108.3	6.8	0.6	-2.0
441-g11.orc	2142.5	-6.49	101.6	19.2	0.9	0.0	4.9	82.2	13.6	4.7	-13.5
441-g2.orc	1730.1	-0.84	118.0	10.4	2.4	0.0	1.6	128.2	5.9	2.0	2.1
441-g24.orc	3335.9	2.81	-90.4	10.7	4.3	0.0	2.5	-103.3	5.5	3.1	-11.1
442-g2.orc	3563.1	-4.68	-100.6	22.7	2.0	0.0	2.1	-115.1	15.9	2.0	12.1
442-g24.orc	3567.9	-1.21	-109.8	6.0	1.8	0.0	4.8	-116.1	3.4	4.4	6.9
443-g38.orc	9819.9	0.80	222.4	8.0	2.0	0.0	17.2	244.2	5.2	16.0	12.9
443-g41.orc	4868.2	4.18	259.0	8.5	2.6	0.0	42.1	297.3	5.3	45.1	16.2
443-g42.orc	2913.0	6.38	1247.4	304.7	1.2	0.0	9.0	94482.7	15705.6	7.7	17.0
443-g59.orc	3410.6	2.94	120.2	13.4	1.2	0.0	3.1	117.6	10.6	2.9	3.6
443-g80.orc	2104.8	-0.10	114.3	22.7	1.0	0.0	1.5	90.0	15.1	1.4	-0.2
444-g1.orc	4444.5	-1.05	197.1	8.6	6.9	0.0	20.4	229.1	3.9	27.2	7.5
444-g10.orc	8868.4	-0.74	148.0	4.4	4.4	0.0	27.2	155.1	1.6	29.5	-17.6
444-g14.orc	4064.9	1.74	-241.5	14.4	0.8	0.0	14.1	-179.7	11.5	13.4	-20.1
444-g21.orc	4254.1	-1.65	176.3	15.4	0.8	0.0	2.9	140.9	14.5	3.2	-2.9
444-g33.orc	2389.9	9.87	-102.2	14.7	2.8	0.0	9.1	-125.5	11.2	8.2	-42.1
444-g47.orc	4370.0	0.45	150.0	12.4	1.9	0.0	5.1	164.8	8.1	5.1	2.0
444-g86.orc	4087.6	1.43	191.2	6.4	4.8	0.0	20.3	205.3	2.7	25.2	5.6
445-g15.orc	4389.0	-1.17	-178.5	4.2	3.1	0.0	6.1	-185.8	1.4	6.9	2.0
445-g19.orc	4653.8	1.70	-190.6	5.2	1.1	0.0	30.0	-212.7	6.8	21.0	0.8
445-g26.orc	5206.7	-7.09	-173.5	27.7	20.6	0.0	6.7	-231.4	16.5	13.2	5.7
445-g39.orc	4328.4	-0.73	284.0	5.0	1.1	0.0	38.6	280.8	4.8	38.5	-7.6
446-g1.orc	7098.8	1.58	-166.3	0.7	0.8	0.0	7.7	-158.2	1.1	8.0	-1.2
446-g18.orc	4711.0	5.33	-200.2	23.1	2.2	0.0	17.0	-236.0	16.3	16.9	1.0
446-g2.orc	3777.3	0.98	-1329.7	0.0	0.1	0.0	4.1	-191.4	3.5	17.1	-12.7
446-g23.orc	6894.9	0.11	252.7	10.0	1.7	0.0	17.6	272.4	7.1	17.8	4.9
446-g44.orc	2757.1	2.33	-213.3	20.8	0.9	0.0	3.7	-184.3	18.5	2.9	-3.9
446-g51.orc	7189.8	-2.36	-162.0	11.3	1.5	0.0	5.4	-169.4	7.8	5.3	11.8
446-g53.orc	1370.0	-1.09	39.9	7.2	1.3	0.0	2.5	39.8	5.5	2.4	0.0
446-g58.orc	4320.9	-2.09	-216.9	1.2	0.8	0.0	7.1	-202.6	1.5	10.0	6.9

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
447-g17.orc	6540.8	-1.12	-264.8	4.1	1.1	0.0	14.8	-266.8	4.3	11.9	-3.2
447-g19.orc	3829.1	3.93	-274.2	26.3	1.6	0.0	20.6	-429.4	30.8	16.1	-18.9
447-g21.orc	6858.8	-1.70	-193.9	3.4	1.5	0.0	18.0	-197.4	2.3	17.7	5.8
447-g23.orc	3786.7	-1.01	-143.9	6.5	1.9	0.0	3.6	-150.7	3.5	3.6	-0.3
448-g13.orc	5679.7	0.41	-222.6	7.9	8.0	0.0	9.3	-251.8	3.7	16.7	-0.3
450-g18.orc	4099.9	-2.97	-99.9	10.0	3.0	0.0	14.0	-106.4	6.0	14.0	7.9
452-g8.orc	4825.4	-4.43	-131.1	12.5	1.8	0.0	3.9	-141.6	8.1	3.8	2.4
459-g14.orc	6358.3	-0.51	-133.0	6.3	2.0	0.0	3.6	-142.8	3.8	3.7	-4.7
459-g6.orc	2522.8	0.41	236.8	5.3	1.2	0.0	7.1	237.0	4.3	6.9	7.8
46-g8.orc	3157.4	0.57	190.1	15.2	0.6	0.0	2.1	102.2	9.8	2.1	2.4
460-g25.orc	5907.4	5.35	-182.3	0.8	1.4	0.0	6.8	-193.3	1.9	5.6	-9.6
460-g29.orc	5201.1	0.73	278.9	14.4	3.0	0.0	69.0	307.7	7.8	83.5	13.1
460-g31.orc	5760.0	1.01	-220.2	12.1	1.9	0.0	25.6	-240.4	8.5	25.3	-5.0
460-g8.orc	6025.1	-1.09	-142.8	7.9	3.3	0.0	7.2	-153.8	3.1	7.5	-1.9
461-g10.orc	6681.4	1.73	261.2	14.3	0.7	0.0	8.5	186.6	12.1	9.5	11.4
461-g25.orc	6398.7	-2.63	-158.4	3.1	1.3	0.0	8.4	-159.7	2.3	8.2	0.7
461-g3.orc	7692.9	-0.34	-204.6	8.2	3.8	0.0	15.7	-225.0	3.6	19.5	-9.1
461-g44.orc	6973.5	0.60	-232.6	9.8	1.7	0.0	4.4	-250.4	6.9	4.1	6.5
462-g16.orc	3066.2	0.61	128.9	14.2	0.9	0.0	2.2	108.6	11.1	2.2	5.2
463-g21.orc	2719.0	0.28	-102.8	22.9	7.4	0.0	12.0	-123.8	12.9	14.5	0.0
463-g25.orc	8308.4	-2.06	-239.9	9.1	3.0	0.0	11.2	-270.8	5.0	13.0	3.4
466-g13.orc	6520.2	1.15	163.6	9.3	2.0	0.0	8.6	176.9	5.7	9.0	8.2
466-g14.orc	2402.3	4.51	-122.2	21.8	6.0	0.0	11.1	-172.2	16.1	11.5	-30.7
466-g27.orc	5420.9	0.76	737.5	0.0	0.2	0.0	8.2	209.8	1.4	9.7	-5.1
466-g28.orc	6071.5	0.95	247.1	7.9	0.6	0.0	6.1	175.1	9.1	6.7	9.5
466-g30.orc	2741.9	-1.25	160.7	9.9	0.7	0.0	2.0	123.7	9.7	3.1	-12.1
466-g5.orc	5900.5	-0.36	155.4	3.7	0.9	0.0	6.2	135.1	3.2	6.5	-0.5
467-g11.orc	4859.5	-1.32	-100.3	18.4	7.2	0.0	5.1	-157.9	16.0	5.7	-4.5
467-g12.orc	6955.0	-0.71	78.1	0.5	1.5	0.0	29.0	75.3	0.0	25.3	6.0
467-g23.orc	5269.0	0.45	-213.8	8.1	2.8	0.0	3.5	-236.6	4.2	5.3	0.0
467-g27.orc	5242.5	1.31	201.0	1.3	0.7	0.0	8.4	181.3	2.4	8.3	-3.5
467-g36.orc	7671.4	-0.18	-362.5	0.0	0.2	0.0	15.7	-158.1	1.4	19.5	-0.6
467-g51.orc	1802.2	5.64	64.0	35.6	1.7	0.0	3.3	69.0	24.3	3.2	9.2
468-g11.orc	3537.3	-0.47	-153.4	4.8	1.3	0.0	4.8	-154.9	3.8	4.7	-1.7
468-g23.orc	1235.6	0.71	-173.3	43.6	0.8	0.0	1.9	-128.9	31.0	1.7	-4.4
469-g22.orc	1567.8	-0.21	104.0	8.2	10.0	0.0	6.1	111.6	3.0	7.5	14.8
47-g10.orc	6515.8	-2.29	-276.5	35.8	1.5	0.0	5.1	-283.0	24.4	4.8	9.8
471-g2.orc	8320.9	1.19	218.3	0.8	0.8	0.0	23.1	217.9	2.0	12.6	3.9
472-g10.orc	3915.4	-0.35	147.8	14.7	1.2	0.0	5.1	142.3	11.4	4.6	-3.6
474-g19.orc	6763.2	1.87	148.6	8.7	1.2	0.0	18.3	148.8	7.2	17.2	7.2
474-g39.orc	5547.7	-0.23	166.7	13.2	2.4	0.0	2.9	201.0	9.2	3.1	0.7
474-g5.orc	3048.5	-0.91	-105.5	17.9	6.9	0.0	12.8	-122.6	8.4	14.6	5.5
476-g15.orc	1642.2	-0.37	-155.5	14.6	0.8	0.0	6.8	-131.1	17.1	6.5	2.2
476-g16.orc	5937.6	-1.67	-158.6	10.8	4.3	0.0	16.7	-189.0	6.4	19.1	1.6
476-g25.orc	5763.1	0.12	198.7	6.9	2.4	0.0	4.1	218.0	3.7	4.3	0.1
476-g5.orc	5880.1	0.92	278.4	16.0	1.4	0.0	18.3	284.1	11.9	17.5	2.1
477-g16.orc	1827.3	0.36	-134.7	9.1	1.0	0.0	2.2	-124.2	8.4	2.2	2.3
477-g18.orc	4526.0	-2.11	-139.4	2.7	0.8	0.0	6.8	-122.7	3.0	7.7	2.0
478-g11.orc	5200.9	-5.28	104.6	9.3	2.5	0.0	9.9	117.8	5.5	10.0	-7.1
479-g1.orc	4817.0	-1.00	69.2	7.6	3.7	0.0	6.4	76.4	3.5	6.4	4.0
48-g8.orc	7908.7	-1.23	-230.1	2.5	1.1	0.0	16.1	-227.3	1.9	15.9	5.7

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
481-g11.orc	6492.3	4.25	168.1	11.6	1.4	0.0	2.1	170.6	8.4	2.0	7.3
481-g13.orc	1697.9	3.40	153.1	16.3	0.8	0.0	6.2	129.6	19.7	5.0	2.9
481-g2.orc	1305.5	11.56	-159.6	46.5	1.3	0.0	5.0	-164.3	37.1	4.7	-12.5
481-g21.orc	1775.9	-10.81	-160.7	88.4	1.3	0.0	3.6	-155.3	61.3	44.0	22.9
481-g30.orc	1631.7	2.89	-98.4	56.2	3.9	0.0	4.1	-24195.0	8816.8	3.9	-7.3
482-g1.orc	4284.7	2.03	-145.2	9.1	2.5	0.0	4.3	-163.4	5.4	4.6	-3.3
482-g16.orc	1485.3	0.19	146.4	10.2	0.8	0.0	3.9	111.4	9.0	3.8	-4.7
482-g2.orc	6447.4	-1.55	-149.3	6.0	1.2	0.0	21.3	-123.3	2.6	16.1	-3.6
482-g35.orc	1878.7	0.96	106.7	15.6	1.5	0.0	2.3	110.8	11.1	2.2	2.7
482-g41.orc	1548.2	-0.86	167.7	3.7	0.7	0.0	22.3	138.4	4.3	25.4	0.2
482-g43.orc	4155.7	0.49	135.3	3.0	0.8	0.0	3.8	127.7	4.6	2.9	-0.3
482-g46.orc	1525.0	-1.06	-125.2	28.6	1.1	0.0	7.5	-115.6	20.6	7.2	4.0
483-g12.orc	4242.2	0.39	-175.3	0.3	0.6	0.0	22.8	-156.2	1.6	21.1	7.2
483-g2.orc	4460.7	-1.81	-112.9	4.6	0.8	0.0	9.8	-97.7	4.9	10.1	-0.3
483-g6.orc	4110.9	1.92	172.1	10.9	2.7	0.0	5.1	187.3	5.8	6.1	-0.1
484-g25.orc	4114.2	0.77	-113.8	7.1	4.2	0.0	4.1	-126.2	3.1	5.7	1.2
485-g12.orc	4542.6	-2.45	248.0	13.5	0.8	0.0	10.3	197.1	12.5	11.8	-5.4
485-g24.orc	6823.7	-3.29	-101.8	9.3	1.8	0.0	4.7	-109.8	5.8	4.0	5.7
485-g4.orc	4381.9	1.01	-112.5	12.7	1.9	0.0	8.8	-127.4	9.5	8.5	5.9
487-g19.orc	1809.8	0.84	79.4	9.7	1.6	0.0	6.9	82.8	6.5	6.7	-3.2
487-g2.orc	1754.0	-0.59	-642.9	52.2	0.6	0.0	7.6	-264.0	26.0	9.2	-1.0
488-g44.orc	3307.1	-0.75	155.0	5.9	0.8	0.0	4.5	129.3	6.5	4.7	0.1
488-g49.orc	1800.8	-5.15	-90.7	44.0	2.1	0.0	5.7	-109.3	33.0	5.5	10.8
488-g54.orc	1828.3	3.37	92.5	11.6	2.3	0.0	2.6	108.5	8.1	2.8	5.3
489-g11.orc	2789.7	0.71	73.8	6.8	2.2	0.0	8.6	79.2	3.8	8.2	-3.3
489-g26.orc	6230.0	0.00	-240.0	0.1	5.8	0.0	30.0	-240.6	0.0	29.1	-14.0
489-g47.orc	7188.8	1.36	-158.8	8.9	10.0	0.0	18.8	-186.0	4.7	30.7	0.8
489-g6.orc	2242.3	-1.65	-139.1	11.4	0.8	0.0	4.1	-110.3	10.0	4.2	2.3
490-g10.orc	1837.9	1.11	296.7	71.4	0.7	0.0	2.7	122.9	27.9	2.9	3.9
490-g14.orc	2668.7	-2.13	-97.1	15.2	9.9	0.0	4.9	-120.7	8.6	5.7	3.7
490-g28.orc	2123.0	-1.82	135.0	22.2	0.7	0.0	1.0	79.6	13.4	1.2	-9.0
490-g36.orc	1937.3	-1.28	159.0	18.9	1.1	0.0	2.6	141.5	13.7	2.6	-2.7
490-g45.orc	1694.2	-3.97	-169.6	7.7	0.5	0.0	10.7	-102.9	13.8	11.5	0.2
496-g19.orc	5122.2	0.52	-237.6	9.5	0.6	0.0	4.5	-154.4	10.1	5.1	10.2
497-g14.orc	3446.2	0.25	-220.8	2.1	1.3	0.0	32.9	-227.5	1.7	31.1	0.2
497-g18.orc	5106.1	0.35	-203.1	6.8	1.7	0.0	12.5	-221.8	4.8	12.4	-1.9
497-g2.orc	1943.9	-1.44	-81.7	4.7	1.0	0.0	1.0	-79.8	5.2	0.8	1.9
497-g32.orc	2457.8	-1.23	253.1	21.8	5.8	0.0	34.7	307.9	12.9	48.7	-87.2
497-g34.orc	2433.3	-1.32	234.9	4.6	0.8	0.0	7.2	200.7	5.3	7.6	-10.7
498-g3.orc	2371.8	0.47	162.1	7.9	1.6	0.0	4.0	170.5	5.6	3.8	1.8
499-g18.orc	2352.4	0.00	-275.3	5.9	0.6	0.0	10.2	-195.6	10.0	14.5	-3.6
499-g22.orc	2215.2	2.48	-154.0	12.2	0.8	0.0	3.6	-125.7	10.6	3.4	-1.8
499-g26.orc	2392.1	0.95	600.3	0.3	0.6	0.0	7.9	184.4	56.3	8.1	7.1
499-g39.orc	2786.4	0.33	-160.6	4.1	1.0	0.0	6.9	-152.6	2.8	6.6	-2.6
499-g4.orc	4446.3	2.73	-173.9	6.9	1.1	0.0	5.6	-165.2	6.3	5.1	-9.7
499-g5.orc	4307.2	0.48	-186.9	0.3	0.5	0.0	9.9	-161.5	1.9	11.0	-7.8
501-g1.orc	3802.8	1.25	-107.4	9.8	1.6	0.0	4.5	-115.9	7.7	4.1	-1.2
501-g11.orc	3776.0	-1.89	302.6	21.3	0.8	0.0	4.8	194.5	12.9	4.6	-10.0
501-g68.orc	3070.7	-1.25	-157.6	4.8	1.3	0.0	16.5	-159.6	3.6	15.8	1.7
501-g69.orc	3943.8	3.83	-306.9	39.8	0.8	0.0	2.3	-182.2	20.8	2.9	-25.2
501-g75.orc	4724.5	-0.03	197.3	6.3	0.8	0.0	4.2	170.0	7.2	5.6	-0.5

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
501-g80.orc	1040.6	9.35	203.2	0.1	0.9	0.0	1.1	100.6	46.0	1.0	8.6
501-g86.orc	3718.6	0.62	-158.8	12.5	1.9	0.0	8.9	-174.8	8.4	8.4	-5.4
501-g97.orc	3650.6	1.81	124.9	10.1	6.2	0.0	4.1	146.6	5.3	6.1	9.6
502-g12.orc	3599.4	2.35	-239.9	6.2	0.5	0.0	4.5	-150.6	7.8	4.8	-9.6
502-g13.orc	1111.9	-1.30	152.0	9.7	0.8	0.0	9.4	130.6	10.4	10.8	-4.1
502-g2.orc	3952.5	-2.03	-190.7	2.4	1.1	0.0	10.9	-181.7	1.1	7.5	2.5
503-g22.orc	1882.1	4.67	-229.1	55.9	0.9	0.0	6.6	-144.0	26.4	6.4	-13.9
505-g8.orc	1935.2	2.45	95.0	8.8	1.3	0.0	0.9	94.9	6.3	0.8	14.2
506-g2.orc	4014.2	5.24	349.2	18.9	0.7	0.0	27.9	246.3	15.7	29.0	18.2
506-g4.orc	3999.8	-2.26	255.1	4.4	1.1	0.0	19.8	276.6	8.2	13.4	-8.2
507-g11.orc	7487.3	-0.26	191.0	6.2	2.8	0.0	17.4	213.2	3.8	17.0	4.3
507-g2.orc	7280.2	-1.26	210.7	10.0	1.1	0.0	5.2	185.4	6.8	5.1	-6.8
507-g56.orc	9714.4	0.54	-176.2	5.3	1.3	0.0	5.4	-181.2	4.5	4.6	4.4
507-g62.orc	3357.7	0.48	239.3	10.4	0.8	0.0	3.7	188.4	9.4	4.0	7.7
507-g7.orc	5270.6	-2.50	-307.3	7.3	1.2	0.0	31.5	-306.1	6.2	30.6	10.6
508-g11.orc	2592.2	13.14	-374.8	0.1	0.8	0.0	10.5	-192.4	54.3	10.2	-28.8
508-g60.orc	2258.5	-0.98	108.0	22.3	5.6	0.0	3.1	142.7	14.3	3.6	2.5
509-g35.orc	4457.8	0.73	143.1	14.8	1.6	0.0	10.7	157.6	11.0	10.0	1.8
509-g44.orc	7752.1	-2.78	-197.8	10.7	4.1	0.0	13.0	-231.1	6.1	16.1	13.1
509-g45.orc	5039.3	0.25	-138.9	7.2	1.1	0.0	2.8	-133.4	5.8	2.8	-2.7
509-g74.orc	2575.4	-0.15	-175.9	12.2	1.3	0.0	4.9	-179.1	8.9	4.8	-1.6
509-g80.orc	6672.3	-0.80	275.1	6.7	0.9	0.0	22.5	248.9	6.3	23.2	15.3
509-g91.orc	5117.9	-0.89	-239.4	20.2	0.8	0.0	2.3	-164.9	13.0	2.5	4.9
51-g18.orc	1502.7	1.25	-134.7	10.4	0.7	0.0	2.6	-105.0	12.5	3.3	9.7
510-g40.orc	6319.4	-1.32	-88.8	12.7	5.1	0.0	5.3	-106.1	6.9	6.1	1.4
511-g46.orc	4386.2	0.28	108.8	4.0	0.9	0.0	4.5	100.2	4.7	4.4	1.2
512-g12.orc	3404.5	-1.61	367.7	24.4	0.9	0.0	12.6	308.4	19.1	11.0	-15.5
512-g5.orc	6814.1	0.46	-223.0	35.3	1.4	0.0	13.9	-213.3	22.4	13.0	21.1
514-g10.orc	2870.6	-0.49	-107.7	10.1	1.5	0.0	11.3	-111.6	7.3	11.0	4.6
515-g13.orc	8719.8	0.81	-316.2	2.1	1.3	0.0	7.4	-317.6	1.3	6.8	2.8
515-g3.orc	5740.2	-0.96	-185.5	10.6	2.6	0.0	2.4	-210.4	6.0	2.6	0.2
516-g8.orc	7110.4	-0.46	-129.1	8.2	9.9	0.0	7.5	-157.3	4.7	12.2	-3.6
526-g11.orc	5818.9	-2.64	297.3	36.6	1.3	0.0	9.0	258.8	21.9	8.6	-3.1
527-g11.orc	8165.0	-0.84	186.5	6.8	4.3	0.0	8.5	214.5	3.9	13.4	-7.0
527-g19.orc	3099.2	-1.83	299.1	25.8	0.6	0.0	7.0	168.0	19.0	8.8	1.2
527-g21.orc	3156.4	0.09	-94.9	6.5	1.9	0.0	12.5	-101.3	3.9	12.0	10.4
528-g17.orc	6124.8	1.53	-149.5	16.7	1.5	0.0	7.8	-155.4	11.9	7.4	-1.2
528-g34.orc	5862.0	-1.78	-150.3	6.0	1.4	0.0	17.2	-153.8	4.4	16.7	2.0
53-g2.orc	8004.7	0.12	155.2	13.4	2.2	0.0	2.7	170.6	8.0	2.8	4.7
530-g34.orc	7898.9	0.76	203.2	6.4	2.7	0.0	10.4	218.4	3.2	11.9	2.9
531-g22.orc	3394.5	-1.73	193.1	22.7	1.5	0.0	8.5	201.2	16.0	8.4	-5.5
531-g25.orc	3521.9	3.74	872.6	0.3	0.8	0.0	3.4	352.0	47.5	4.1	13.9
532-g14.orc	1697.4	-1.31	40.9	13.9	2.2	0.0	0.7	46.4	9.7	0.7	-1.6
533-g37.orc	3570.8	0.73	67.1	8.8	1.7	0.0	3.2	76.5	7.2	3.0	0.8
533-g4.orc	2588.6	-0.54	-187.1	30.0	1.6	0.0	2.5	-200.6	21.4	2.4	-1.4
533-g48.orc	5600.0	1.62	157.5	9.1	1.4	0.0	3.3	162.2	6.5	3.1	10.0
533-g53.orc	1417.2	-3.29	164.6	39.0	1.8	0.0	3.6	177.2	25.4	3.6	-1.8
533-g6.orc	7030.0	2.07	-187.7	0.3	5.0	0.0	14.7	-189.4	0.2	14.5	0.0
533-g8.orc	2477.6	0.20	132.2	3.9	1.7	0.0	4.1	137.4	2.4	4.0	-2.4
534-g24.orc	3046.4	-0.37	114.3	10.8	2.3	0.0	5.4	126.2	6.4	5.5	-4.6
534-g3.orc	7958.6	-0.39	-249.3	11.3	1.0	0.0	11.3	-210.4	8.0	10.5	-13.4

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
534-g31.orc	6054.3	0.34	74.9	6.0	1.8	0.0	4.0	86.2	4.7	3.7	4.3
534-g9.orc	3392.0	-0.10	171.5	8.9	15.5	0.0	37.2	182.8	2.8	40.2	-1.0
535-g15.orc	6128.5	-0.20	201.1	6.9	1.0	0.0	9.4	190.8	5.7	9.4	2.5
536-g17.orc	6957.5	-4.36	-231.9	3.5	0.6	0.0	14.1	-182.7	5.9	16.5	13.5
539-g14.orc	7061.9	-1.18	-174.5	7.1	1.2	0.0	14.0	-172.7	6.2	13.6	3.9
539-g5.orc	3194.0	-1.19	-136.0	7.7	1.3	0.0	1.9	-136.3	5.8	1.9	6.0
54-g21.orc	1445.4	-6.29	-68.2	22.2	25.4	0.0	2.7	-78.3	11.4	3.1	9.4
540-g16.orc	1541.0	-0.39	-94.9	32.1	1.8	0.0	4.4	-104.7	21.9	4.2	-4.0
541-g1.orc	6333.1	1.02	-185.2	5.8	1.7	0.0	11.4	-195.8	4.3	10.4	1.1
541-g4.orc	1992.0	-0.59	-128.3	15.2	1.9	0.0	10.6	-136.1	9.0	10.7	5.0
543-g12.orc	4920.0	-1.72	204.3	3.1	0.7	0.0	16.4	163.5	4.0	19.1	5.0
544-g27.orc	2460.7	-0.46	137.0	16.5	1.5	0.0	6.9	144.9	12.5	6.6	-4.3
544-g32.orc	4317.1	-1.29	-314.3	12.6	0.6	0.0	11.0	-201.9	14.6	13.5	6.1
545-g10.orc	1680.3	-1.08	-253.3	44.2	0.8	0.0	2.3	-163.5	28.3	2.6	6.3
545-g11.orc	1512.7	0.68	-182.0	3.7	0.9	0.0	8.9	-176.7	3.7	9.3	-4.3
545-g21.orc	4935.1	2.76	-156.3	6.3	1.7	0.0	21.2	-160.2	2.3	19.0	-0.9
545-g3.orc	1605.4	-2.15	875.5	271.6	0.7	0.0	4.9	298.4	70.0	4.8	0.4
545-g5.orc	2326.6	-3.29	-336.8	27.5	0.5	0.0	7.8	-134.4	18.7	8.5	1.6
546-g15.orc	7542.1	1.14	-273.8	6.5	2.5	0.0	28.7	-314.6	4.3	27.9	-9.9
546-g29.orc	2067.6	3.30	177.3	18.4	1.4	0.0	6.4	183.6	13.4	6.3	2.6
546-g31.orc	8637.1	-1.61	185.3	3.0	1.3	0.0	7.3	193.1	2.7	6.2	-1.9
546-g36.orc	3003.1	-2.28	74.4	9.9	3.4	0.0	15.0	90.0	6.1	14.6	-11.9
546-g37.orc	4328.2	-0.56	-74.9	2.1	1.1	0.0	4.1	-70.4	1.6	3.5	-1.8
547-g1.orc	1747.7	-1.61	129.2	49.4	0.9	0.0	3.5	98.5	33.1	3.4	-2.3
547-g14.orc	1692.9	0.90	-101.8	13.9	1.2	0.0	6.7	-102.0	11.9	6.7	0.9
547-g24.orc	1513.8	2.07	80.9	2.8	0.9	0.0	10.3	75.5	3.1	10.0	9.8
547-g31.orc	1561.8	1.01	-124.0	3.9	1.7	0.0	8.6	-126.5	2.2	8.5	-13.2
547-g32.orc	3938.1	-1.61	184.6	11.9	1.8	0.0	6.3	202.9	8.0	6.4	-10.9
547-g4.orc	3329.1	-0.52	-101.9	10.0	1.2	0.0	4.6	-98.2	7.5	4.3	7.1
548-g21.orc	1694.0	-5.29	-214.8	89.1	1.6	0.0	6.1	-255.2	70.7	5.8	18.0
548-g31.orc	1531.1	2.17	-211.3	3.2	0.8	0.0	11.8	-192.9	4.2	14.4	-3.9
548-g32.orc	1952.1	2.63	104.9	36.5	1.0	0.0	3.8	83.2	24.6	3.7	1.1
548-g50.orc	1813.7	-1.99	-155.2	38.7	0.7	0.0	3.7	-104.5	30.2	3.7	6.7
548-g63.orc	2003.5	-5.51	-128.9	26.7	1.5	0.0	0.8	-127.6	17.8	0.7	15.5
548-g7.orc	2022.4	3.95	303.2	10.8	15.0	0.5	61.5	337.0	2.4	121.6	439.4
548-g71.orc	1685.6	1.82	100.9	12.1	1.0	0.0	0.8	83.0	8.6	0.8	0.6
548-g77.orc	1632.9	-2.16	81.7	17.2	2.0	0.0	1.2	93.6	11.8	1.2	-5.1
549-g18.orc	1580.4	-0.51	104.8	12.6	1.6	0.0	6.9	114.3	9.6	6.4	-2.6
549-g22.orc	4273.6	-1.50	155.1	7.6	1.1	0.0	10.5	146.9	6.0	10.3	-4.4
549-g40.orc	7546.4	-0.32	-259.5	1.9	1.1	0.0	13.4	-258.3	1.7	13.4	7.4
55-g29.orc	5511.8	1.72	-118.8	6.3	2.3	0.0	4.5	-129.0	3.5	4.7	-10.2
55-g4.orc	1348.0	5.01	124.8	32.9	15.7	0.0	7.9	197.4	28.8	10.1	11.0
55-g5.orc	1285.6	0.48	182.1	42.6	1.6	0.0	1.1	195.7	30.1	1.0	-5.4
550-g7.orc	920.9	-0.87	-125.6	24.1	0.6	0.0	6.3	-85.1	25.6	6.2	-1.1
550-g9.orc	1844.2	1.04	140.8	34.7	2.3	0.0	1.3	179.3	27.1	1.3	4.2
551-g13.orc	6284.7	-1.75	-203.9	6.3	0.8	0.0	11.7	-164.7	5.0	12.0	-4.3
551-g16.orc	1780.6	7.57	-48.9	17.3	6.9	0.0	1.3	-62.0	10.5	1.7	-9.4
551-g31.orc	1743.3	0.16	-84.5	7.8	1.0	0.0	3.6	-81.3	7.7	3.6	-2.7
552-g43.orc	6752.9	0.37	-181.6	11.0	1.1	0.0	7.3	-170.4	8.2	6.8	3.9
553-g26.orc	9068.3	0.66	192.6	5.3	1.7	0.0	12.9	203.5	3.5	12.6	7.3
553-g3.orc	4462.2	-0.36	-119.8	6.2	3.7	0.0	13.7	-141.3	4.0	14.0	-2.8

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
554-g10.orc	1642.3	-2.24	-183.4	9.2	4.0	0.4	13.6	-204.8	1.7	24.6	2.3
554-g19.orc	4896.0	0.46	-159.9	4.6	1.0	0.0	5.9	-154.6	4.4	6.5	-5.0
554-g24.orc	3271.1	-3.37	161.0	12.5	1.1	0.0	4.5	144.6	9.0	4.3	-6.9
554-g28.orc	2009.1	3.35	-337.2	79.4	12.5	0.0	2.2	-545.5	80.2	2.1	-19.9
554-g29.orc	2721.1	1.42	-237.1	20.4	0.6	0.0	7.8	-147.1	19.6	8.8	1.1
554-g34.orc	3036.1	-1.99	200.1	10.5	1.1	0.0	9.7	193.2	9.2	9.6	-6.9
555-g16.orc	2947.3	-1.91	-208.1	9.8	2.0	0.0	19.8	-223.5	5.5	19.8	1.3
555-g2.orc	2382.0	2.24	193.4	3.1	0.6	0.0	10.1	157.9	5.3	10.9	0.0
555-g22.orc	1742.2	3.69	-214.9	35.2	0.6	0.0	7.3	-120.2	26.1	7.5	-11.8
555-g29.orc	2886.5	1.76	120.2	12.7	4.2	0.0	14.6	134.1	5.8	15.9	1.5
555-g8.orc	3113.6	-0.30	-71.0	16.4	9.9	0.0	4.1	-94.2	10.5	4.9	2.6
556-g12.orc	2557.5	0.63	209.1	0.5	0.3	0.0	14.3	111.1	3.8	14.6	2.5
556-g23.orc	2268.6	2.99	219.2	15.2	0.7	0.0	9.4	166.0	15.0	8.9	11.6
556-g5.orc	5648.9	0.17	145.7	1.4	0.9	0.0	6.2	138.3	1.8	6.3	0.9
562-g14.orc	4529.0	-0.33	186.0	5.7	1.5	0.0	10.7	192.9	3.8	10.3	-4.0
563-g11.orc	5718.0	3.72	229.2	8.8	1.6	0.0	18.4	242.6	6.4	18.0	15.0
563-g13.orc	6794.5	0.37	155.1	4.7	2.4	0.0	31.0	165.5	2.5	30.6	-16.5
563-g14.orc	1711.9	2.34	-234.9	26.3	0.9	0.0	3.8	-179.8	18.8	3.8	5.9
563-g17.orc	3461.4	-1.30	205.2	0.9	0.7	0.0	9.1	188.1	1.8	9.7	-2.6
563-g21.orc	4562.6	1.21	-324.0	20.0	1.7	0.0	28.2	-350.8	14.5	28.9	-7.4
563-g28.orc	2567.3	12.16	-710.4	77.8	0.8	0.0	6.1	-373.9	35.0	7.0	-45.7
564-g20.orc	1955.9	-0.30	-146.9	10.2	0.6	0.0	2.9	-95.6	12.8	3.6	1.9
564-g23.orc	7721.7	-1.51	156.5	10.6	2.1	0.0	16.5	172.1	6.4	16.4	-11.3
564-g31.orc	5130.2	0.94	189.6	5.8	1.2	0.0	7.1	188.5	4.8	7.0	-1.8
564-g35.orc	864.2	-5.77	156.6	13.3	0.6	0.0	3.6	104.6	19.2	4.4	-1.8
564-g36.orc	4406.4	1.94	-110.9	12.2	2.1	0.0	17.2	-127.9	8.5	17.9	-3.6
566-g14.orc	4669.9	-0.75	-131.0	8.2	1.8	0.0	7.9	-147.7	6.1	7.8	-3.1
566-g22.orc	2252.1	-3.17	-145.0	10.7	1.3	0.0	2.2	-143.8	7.7	2.2	2.1
566-g26.orc	3774.8	-3.09	-138.2	7.2	1.9	0.0	8.1	-145.6	3.8	8.2	-0.2
566-g30.orc	3266.8	-2.97	-209.6	11.5	0.7	0.0	8.0	-147.3	10.8	9.2	4.8
566-g9.orc	4134.4	-0.93	137.6	7.9	2.7	0.0	10.6	150.6	4.2	10.8	-8.6
567-g26.orc	3595.2	2.21	-180.7	9.9	3.3	0.0	13.3	-199.6	5.1	15.2	-7.8
567-g45.orc	3446.0	0.62	268.2	18.8	2.5	0.0	15.1	295.8	10.6	16.0	-6.0
567-g6.orc	3704.9	2.82	-131.1	11.5	1.2	0.0	5.8	-125.3	8.6	5.6	-14.1
568-g19.orc	6036.5	-0.39	-184.9	4.0	1.2	0.0	30.0	-183.6	2.6	28.7	2.5
569-g22.orc	3719.3	-4.53	167.8	15.4	2.4	0.0	8.0	187.9	9.2	8.5	-11.7
57-g80.orc	4350.0	2.18	161.6	6.7	1.5	0.0	6.6	170.6	4.8	6.1	2.0
570-g2.orc	3534.0	-1.94	131.9	10.8	2.0	0.0	5.0	146.0	6.9	4.8	-1.0
571-g12.orc	6605.3	-0.87	-161.5	7.4	13.0	0.0	6.9	-192.1	3.4	8.2	-0.7
571-g15.orc	7036.9	1.21	-374.7	21.6	0.9	0.0	4.4	-291.3	14.5	4.6	-15.1
571-g16.orc	3716.6	-5.24	-192.3	8.4	0.9	0.0	6.3	-167.0	7.5	6.9	15.6
572-g18.orc	1593.7	1.16	-95.3	14.3	1.7	0.0	2.8	-109.0	11.3	2.5	2.7
572-g22.orc	1905.4	-2.71	241.2	32.1	0.6	0.0	6.8	118.5	17.7	6.9	-7.6
572-g49.orc	1644.9	3.01	-136.0	26.9	0.8	0.0	3.2	-91.9	17.9	3.2	-7.1
573-g12.orc	8156.6	-2.43	235.9	3.7	3.0	0.0	25.6	242.9	1.0	22.8	5.6
573-g14.orc	6839.6	1.32	268.9	4.5	0.5	0.0	4.6	151.5	4.9	7.0	2.6
573-g6.orc	7603.4	-0.09	133.4	5.3	0.9	0.0	4.9	118.7	4.6	5.0	4.4
574-g28.orc	3537.4	2.32	-120.1	14.4	1.7	0.0	3.1	-133.1	10.5	3.0	-8.6
574-g32.orc	3317.6	0.10	358.3	42.2	0.8	0.0	7.0	230.5	23.5	7.4	1.6
574-g33.orc	3459.1	-0.64	156.6	14.0	1.2	0.0	6.2	155.6	10.9	5.6	-4.9
575-g53.orc	2541.6	-1.30	99.8	11.4	5.5	0.0	3.1	125.6	6.7	3.7	-6.4

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
576-g11.orc	2752.1	-3.90	136.9	16.1	3.1	0.0	4.3	152.2	8.0	4.9	-1.9
576-g12.orc	6178.6	4.31	184.1	18.7	2.1	0.0	7.6	229.9	14.9	7.1	36.6
576-g14.orc	3014.4	0.59	162.3	13.6	3.4	0.0	6.5	184.7	7.2	7.5	8.4
576-g26.orc	1952.3	-1.29	312.8	0.3	0.7	0.0	1.3	129.4	35.6	1.3	-0.7
576-g3.orc	2982.9	-2.50	-150.3	6.5	0.6	0.0	4.2	-103.4	8.4	4.8	0.9
576-g32.orc	1616.3	0.29	-101.4	18.6	1.1	0.0	3.4	-96.4	15.3	3.0	1.3
576-g39.orc	5155.4	-5.51	-418.3	99.3	1.1	0.0	7.0	-245.1	39.2	6.6	22.4
576-g48.orc	2674.7	-2.52	191.1	16.3	1.3	0.0	5.6	186.8	10.6	5.2	0.7
576-g51.orc	5190.2	1.39	132.4	5.2	1.6	0.0	3.5	139.7	3.5	3.4	-0.8
577-g1.orc	7319.0	-0.31	277.7	8.5	0.9	0.0	12.8	229.9	7.0	15.8	0.0
579-g25.orc	7119.6	2.99	-196.8	0.0	0.3	0.0	1.3	-142.2	2.1	1.9	2.6
579-g9.orc	4626.1	-1.22	-115.0	6.0	1.3	0.0	10.5	-116.8	4.4	10.1	-1.9
58-g25.orc	7241.7	-0.15	230.1	4.6	0.8	0.0	22.5	201.1	4.8	25.2	1.7
58-g28.orc	3613.3	-1.27	97.8	8.6	0.8	0.0	7.3	82.2	8.6	7.0	-10.7
58-g3.orc	4287.3	4.50	-124.1	8.4	2.0	0.0	2.2	-137.0	5.5	2.2	-12.7
58-g30.orc	1359.2	-0.72	178.6	18.8	1.9	0.0	3.2	200.8	12.9	3.3	0.2
580-g29.orc	2594.3	-2.09	-165.2	11.7	1.5	0.0	6.7	-171.5	8.6	6.6	4.3
580-g37.orc	6102.4	-0.07	174.6	3.5	0.8	0.0	9.1	150.2	4.0	9.2	4.4
580-g41.orc	2944.8	-0.42	-108.2	6.6	1.1	0.0	4.9	-104.8	5.8	4.8	-0.2
580-g45.orc	3248.5	-1.15	236.1	42.3	0.7	0.0	2.4	121.5	19.5	2.4	-4.5
580-g49.orc	3976.1	4.30	-121.7	15.4	1.6	0.0	3.8	-128.8	10.6	3.8	-12.9
580-g6.orc	2460.8	1.59	148.6	15.4	2.0	0.0	3.6	165.2	10.1	3.7	3.8
581-g10.orc	4165.2	1.04	164.8	5.8	0.7	0.0	6.9	122.2	6.7	7.7	11.2
581-g11.orc	3248.6	0.08	-96.3	12.0	4.7	0.0	4.8	-123.1	8.0	5.5	-10.4
581-g15.orc	7890.7	-3.44	224.2	2.8	0.7	0.0	8.0	190.7	4.2	7.6	-5.3
581-g4.orc	3794.0	-2.64	115.8	22.0	8.9	0.0	7.3	145.6	13.5	8.2	3.0
581-g6.orc	3126.9	3.25	-145.3	23.0	0.9	0.0	5.4	-118.7	17.3	5.2	-7.1
582-g1.orc	6590.6	-0.45	200.9	4.7	3.9	0.0	7.6	214.8	2.0	10.8	2.6
582-g12.orc	2323.9	0.35	136.8	2.6	1.0	0.0	16.8	132.3	2.4	16.2	3.9
582-g13.orc	7054.1	1.44	-217.5	7.1	3.7	0.0	11.3	-236.5	3.5	14.5	-1.9
582-g21.orc	6483.9	-1.51	-212.3	5.6	1.8	0.0	17.4	-225.0	3.4	18.2	14.9
582-g4.orc	2218.8	2.76	-117.4	11.7	1.4	0.0	9.5	-120.2	8.4	9.2	-9.2
583-g2.orc	7045.0	1.00	135.0	2.3	1.5	0.0	6.5	144.2	1.8	5.5	2.0
583-g7.orc	7283.6	1.73	250.7	12.6	4.8	0.0	14.8	315.3	8.0	20.8	6.6
584-g4.orc	5553.1	0.67	179.4	0.9	0.9	0.0	12.2	171.2	1.1	12.6	11.1
586-g2.orc	6593.9	-1.07	-215.8	14.4	0.7	0.0	3.1	-139.3	11.5	3.9	0.9
59-g23.orc	5294.2	1.39	154.6	10.5	2.3	0.0	5.1	177.3	7.0	5.3	-1.8
59-g24.orc	8420.5	-1.93	-228.2	4.0	1.1	0.0	28.2	-222.0	3.5	24.4	4.5
593-g3.orc	8193.3	0.09	173.7	14.4	5.7	0.0	26.0	208.0	7.9	28.8	9.3
594-g8.orc	6132.6	-1.80	-211.9	13.0	1.1	0.0	6.3	-199.1	10.8	6.1	2.6
595-g10.orc	2210.9	-4.94	425.5	42.0	0.6	0.0	6.3	172.6	19.6	6.9	-21.1
596-g9.orc	6995.3	1.15	-171.0	5.5	1.0	0.0	4.3	-155.5	5.0	5.3	1.3
6-g3.orc	5225.3	0.06	-159.0	6.4	1.5	0.0	13.5	-170.1	5.3	12.6	-2.7
60-g15.orc	3580.0	3.19	74.5	8.3	1.9	0.0	7.4	81.5	5.7	7.2	6.0
60-g24.orc	3930.3	13.50	-554.9	75.8	2.6	0.0	15.2	-850.1	72.8	14.8	-70.7
60-g25.orc	1417.3	3.31	58.2	17.3	1.4	0.0	5.8	66.3	15.0	5.5	7.3
601-g19.orc	7182.5	2.09	145.9	7.9	3.0	0.0	7.5	168.5	4.8	8.9	1.5
601-g25.orc	1751.2	5.64	79.8	16.7	1.4	0.0	3.0	87.3	14.6	2.7	6.2
601-g4.orc	5174.5	0.96	-207.1	9.8	1.0	0.0	6.8	-192.6	8.8	6.9	-1.5
601-g5.orc	5154.0	1.25	156.0	9.9	1.6	0.0	5.6	167.6	7.1	5.3	0.0
601-g7.orc	1759.5	-12.51	56.4	12.2	1.9	0.0	2.8	61.4	7.9	81.2	-23.5

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
601-g9.orc	2631.4	4.94	-258.9	40.4	3.8	0.0	6.4	-300.4	20.2	8.9	-3.6
602-g15.orc	2673.7	3.51	109.6	6.2	0.5	0.0	5.8	68.5	9.2	6.0	7.7
602-g25.orc	7518.0	1.61	243.2	1.0	0.7	0.0	10.5	207.6	1.6	12.3	11.0
603-g12.orc	3030.2	-0.23	-162.7	8.8	0.6	0.0	4.0	-110.2	9.4	5.1	4.2
603-g20.orc	3192.3	-1.49	263.7	47.4	0.8	0.0	4.6	161.1	25.4	4.6	7.3
603-g22.orc	3185.2	1.48	-201.0	11.1	3.0	0.0	9.0	-223.8	5.9	10.4	-6.8
604-g1.orc	3316.0	-0.39	411.9	30.4	0.5	0.0	8.4	119.2	13.1	9.1	0.0
605-g7.orc	2870.1	-0.86	-109.3	7.7	0.8	0.0	5.9	-112.4	12.4	5.8	0.1
606-g11.orc	5773.0	0.40	70.0	6.7	4.6	0.4	5.9	94.6	2.4	5.3	1.0
61-g8.orc	3374.2	2.98	356.2	11.0	0.5	0.0	6.0	174.7	11.2	8.5	3.2
62-g3.orc	5100.1	-1.50	-167.8	4.9	1.0	0.0	23.4	-161.9	4.8	23.6	1.1
69-g11.orc	5162.4	-0.57	-172.2	6.7	1.3	0.0	6.4	-177.8	5.7	5.6	3.4
7-g2.orc	4562.6	-1.14	125.7	2.2	2.2	0.0	6.1	132.9	1.1	6.6	-12.4
71-g14.orc	3835.3	-1.82	186.0	5.6	1.4	0.0	4.8	189.0	4.0	4.5	-1.7
71-g4.orc	3351.4	0.47	138.4	9.5	0.9	0.0	5.5	124.2	10.1	5.0	3.4
71-g5.orc	3571.2	-0.54	-200.4	2.2	0.7	0.0	16.9	-183.9	4.8	19.1	4.2
72-g5.orc	4234.1	-1.31	109.6	6.9	2.5	0.0	3.3	121.9	4.0	3.6	-3.9
73-g11.orc	4116.1	5.03	-168.9	21.6	1.5	0.0	2.6	-175.4	15.0	2.5	-15.9
73-g22.orc	4186.9	-0.43	-132.6	10.2	4.0	0.0	9.2	-155.2	5.6	12.4	-7.1
73-g25.orc	4104.6	-0.97	-172.6	10.8	1.0	0.0	4.0	-155.0	8.5	3.8	6.6
73-g42.orc	4183.8	-0.73	223.6	16.4	0.6	0.0	8.9	147.6	15.6	9.6	-12.2
74-g19.orc	4292.9	-0.19	220.9	8.5	1.0	0.0	10.8	205.4	6.9	10.9	-8.1
75-g33.orc	3918.1	1.72	-548.1	0.1	1.1	0.0	2.9	-221.3	31.7	2.9	-1.9
75-g37.orc	3993.6	-5.44	184.9	19.4	0.9	0.0	4.2	149.0	13.9	4.1	7.6
78-g17.orc	1829.6	1.59	192.1	33.3	0.8	0.0	2.7	143.7	26.0	2.8	-1.4
79-g14.orc	2297.8	-1.84	-483.2	53.0	0.6	0.0	8.2	-232.3	36.3	9.0	7.8
79-g3.orc	2618.8	-6.36	-184.8	25.7	7.4	0.0	9.3	-246.4	17.3	15.6	-7.2
8-g1.orc	4478.6	-1.34	-214.3	11.4	0.7	0.0	3.3	-138.0	9.1	3.5	1.6
8-g7.orc	2503.3	1.89	-243.8	34.0	0.6	0.0	5.3	-118.9	18.8	5.5	-8.7
80-g1.orc	5022.5	1.24	197.2	13.0	0.7	0.0	6.8	121.5	9.5	6.9	-1.5
82-g8.orc	5519.5	-0.09	411.5	2.4	0.5	0.0	29.0	283.6	6.1	31.2	-9.5
84-g10.orc	1297.7	-0.08	118.0	41.1	9.1	0.0	8.1	151.2	24.3	9.5	-5.3
84-g33.orc	8665.2	-0.77	292.9	12.7	3.7	0.0	24.1	348.5	7.5	30.1	-9.8
84-g34.orc	4236.5	3.49	318.2	19.6	1.4	0.0	17.5	321.4	13.8	16.5	34.5
85-g2.orc	6977.3	-2.27	-211.8	3.9	1.0	0.0	10.3	-202.1	3.6	10.1	4.3
85-g27.orc	4997.0	-1.07	173.4	13.2	2.2	0.0	12.4	190.4	7.6	12.3	3.0
85-g38.orc	4843.5	1.04	162.0	7.5	1.3	0.0	2.6	163.4	5.6	2.6	-0.5
85-g61.orc	1323.3	3.93	121.7	22.5	1.0	0.0	4.2	109.2	19.4	3.6	1.3
87-g3.orc	8078.5	1.64	-232.5	14.7	5.0	0.0	21.5	-271.2	7.5	38.3	-3.5
87-g50.orc	3538.6	3.25	718.3	0.1	0.6	0.0	3.7	188.7	32.2	4.0	0.6
88-g16.orc	3615.9	-2.67	-225.3	8.2	1.1	0.0	6.2	-218.2	7.0	6.0	4.9
88-g17.orc	5194.0	-0.35	283.9	7.6	1.4	0.0	26.1	291.7	5.3	25.5	5.0
88-g8.orc	3182.0	-1.21	-231.4	10.3	0.9	0.0	40.6	-253.4	16.3	37.4	30.0
89-g12.orc	5964.8	3.70	226.6	12.3	3.7	0.0	12.3	250.0	5.9	16.0	10.8
9-g10.orc	2419.3	-1.18	152.1	3.8	0.9	0.0	4.6	141.9	4.6	4.8	-5.7
90-g9.orc	3265.4	-0.29	212.6	9.5	1.1	0.0	1.8	205.0	7.6	1.9	-1.6
holm370.orc	5461.2	-1.20	-177.3	13.0	2.5	0.0	9.6	-203.4	8.3	10.0	5.2
i1330.orc	8377.2	-2.28	-213.6	5.1	1.9	0.0	22.4	-228.8	3.1	22.8	14.2
i1474.orc	3487.9	-0.82	-123.2	7.5	1.9	0.0	3.1	-131.9	4.6	3.3	-7.1
i2974.orc	5715.0	-0.13	237.2	8.8	2.0	0.0	9.9	254.1	5.3	10.7	0.0
i382.orc	4982.9	-0.74	173.8	0.6	0.8	0.0	6.4	160.1	0.9	7.2	-3.1

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
i387.orc	4494.9	0.16	180.4	1.6	1.3	0.0	21.5	180.8	1.0	20.7	-6.1
i407.orc	2826.5	-1.63	172.4	9.8	2.4	0.0	14.7	186.9	4.8	14.6	-1.5
i416.orc	3175.1	-0.80	-115.8	6.3	1.3	0.0	2.3	-117.0	5.0	2.2	8.1
i5078.orc	1457.7	-2.39	156.7	18.0	0.9	0.0	4.5	134.0	16.0	4.4	1.7
i5282.orc	5919.4	-2.91	-188.7	6.5	1.1	0.0	8.2	-188.1	6.7	8.4	12.4
i784.orc	4846.9	-1.11	-185.1	4.7	1.2	0.0	7.4	-186.1	3.9	7.3	-0.1
i96099.orc	2752.6	0.41	-228.4	3.5	0.6	0.0	5.7	-187.7	5.9	7.7	-17.4
m-1-1035.orc	3787.6	1.16	-245.1	20.7	1.3	0.0	9.2	-243.8	15.8	9.1	15.6
m-1-2302.orc	2914.4	2.50	98.7	27.4	13.2	0.0	4.8	161.6	25.5	7.5	-0.6
m-1-2313.orc	4867.6	-0.45	-142.2	7.6	4.0	0.0	10.7	-155.2	3.4	13.4	0.6
m-1-2321.orc	5807.4	-1.56	238.7	2.6	0.7	0.0	13.0	197.7	4.0	14.9	3.4
m-1-2522.orc	4451.7	0.58	-206.1	4.6	0.9	0.0	8.0	-186.1	4.9	8.5	2.7
m-1-2524.orc	1867.2	3.32	205.4	33.3	0.8	0.0	3.7	132.2	21.2	3.8	8.2
m-1-5-47.orc	4986.1	8.47	-533.5	42.8	0.7	0.0	32.6	-348.1	33.4	27.5	-17.9
m-2-1009.orc	2159.6	-0.84	-414.8	0.4	1.1	0.0	12.9	-291.1	49.6	12.5	-8.4
m-2-2-40.orc	3497.8	-1.69	173.9	6.1	1.0	0.0	7.2	157.7	5.5	8.0	-5.2
m-2-2-51.orc	7116.2	-2.76	-146.6	4.3	0.9	0.0	23.7	-126.1	3.4	24.3	6.2
m-2-2502.orc	2671.1	-1.33	163.1	10.9	1.7	0.0	3.0	175.4	7.5	3.0	2.1
m-2-7-10.orc	2093.4	1.13	-82.2	15.2	1.7	0.0	3.7	-88.7	10.4	3.6	-15.6
m-2-7-33.orc	4747.4	0.54	195.0	3.5	0.9	0.0	6.6	187.3	4.0	6.0	0.4
m-2-8-12.orc	5317.5	-3.72	-137.3	14.8	10.0	0.0	14.2	-158.8	7.1	16.8	18.5
m-213019.orc	4928.2	2.24	164.3	15.9	1.9	0.0	6.8	185.7	11.4	6.6	7.2
m-214003.orc	2655.5	0.43	121.2	12.0	10.9	0.0	5.9	135.3	5.0	8.0	5.5
m-215006.orc	7027.5	-2.04	-141.6	11.8	2.1	0.0	12.8	-159.7	7.8	12.5	17.5
m-222023.orc	4333.6	0.65	-296.8	10.0	0.8	0.0	16.2	-234.0	8.8	15.6	-10.4
m-222025.orc	4269.6	-0.93	-130.9	1.8	2.2	0.0	15.3	-132.4	0.5	11.6	3.6
m-3-1042.orc	1591.3	-1.24	176.1	9.6	0.9	0.0	5.4	156.7	10.2	4.8	3.3
m-3-1304.orc	3512.9	-4.88	-56.5	1.1	1.1	0.0	13.8	-53.5	0.5	12.7	-12.1
m-3-1364.orc	6821.8	0.97	197.4	8.6	1.1	0.0	7.6	189.3	6.9	7.5	-0.2
m-3-1623.orc	6150.8	0.93	-177.0	6.6	2.3	0.0	12.9	-190.3	3.7	13.3	-2.2
m-338025.orc	3021.9	-0.19	195.9	11.0	0.9	0.0	4.3	167.9	9.4	4.7	-3.1
n1090.orc	2762.5	1.30	-164.8	16.5	1.7	0.0	5.6	-175.9	10.9	5.6	0.5
n1114.orc	3444.4	0.75	-216.9	4.8	0.8	0.0	15.8	-189.7	5.8	16.2	-9.6
n1163.orc	2260.4	-4.17	292.8	21.9	0.8	0.0	6.1	205.8	14.8	6.4	-33.6
n1241.orc	4017.4	4.08	-911.0	0.0	0.1	0.0	8.8	-238.5	4.0	10.5	-2.6
n1247.orc	3926.9	0.09	-300.6	2.8	0.7	0.0	51.0	-272.1	4.3	51.9	6.9
n1337.orc	1228.0	-3.15	-206.9	17.9	0.6	0.0	8.7	-134.7	20.9	9.4	3.0
n1417.orc	4069.4	-1.29	-204.6	0.8	1.3	0.0	9.9	-207.6	0.9	8.5	1.4
n1421.orc	2024.9	-0.31	-180.2	3.8	0.9	0.0	9.1	-171.9	4.9	9.0	-9.1
n151.orc	3748.7	0.58	229.2	2.0	1.1	0.0	16.2	228.5	2.1	14.8	5.7
n1620.orc	3436.4	-0.86	316.2	6.5	0.7	0.0	21.0	246.6	10.0	23.9	-7.6
n1752.orc	3578.7	1.06	-212.6	11.1	2.8	0.0	12.4	-238.1	6.2	14.1	-4.3
n1832.orc	1918.3	-1.56	-141.5	3.3	1.3	0.0	8.0	-143.4	2.4	8.0	3.3
n2584.orc	6816.4	0.14	134.8	5.9	1.8	0.0	9.9	145.3	3.8	9.7	10.4
n2721.orc	3720.3	-1.19	-158.2	1.7	1.2	0.0	8.4	-161.7	1.5	8.0	-2.7
n2722.orc	2758.1	-1.24	-132.3	4.8	1.0	0.0	6.6	-124.4	4.6	7.2	1.1
n2763.orc	1888.9	-1.66	-92.9	4.2	0.8	0.0	5.0	-82.7	3.5	5.2	-1.1
n280.orc	10117.3	-1.38	261.1	2.8	2.3	0.0	40.1	255.4	0.5	19.5	-7.7
n2980.orc	5733.3	-1.75	234.5	2.2	0.9	0.0	14.6	218.5	2.1	15.5	-2.7
n3029.orc	6525.9	-0.63	-163.0	1.6	0.5	0.0	17.5	-119.7	4.5	18.9	-3.1
n3138.orc	7825.8	-1.98	175.9	5.3	2.6	0.0	8.1	193.9	3.0	8.7	4.8

TABLE 7—*Continued*

	Multi-Parameter Fits							Arctan Fits			
Galaxy	v_0	r_0	v_c	r_c	γ	β	χ^2_ν	v_c	r_c	χ^2_ν	Δcz
n3145.orc	3638.9	0.76	-219.8	4.8	4.0	0.0	28.6	-227.0	1.3	29.1	-6.1
n3321.orc	2490.9	6.61	139.5	13.6	1.2	0.0	31.3	157.1	18.1	28.5	16.9
n3361.orc	1917.2	-1.79	130.1	9.9	1.5	0.0	4.6	138.4	8.0	4.2	4.2
n3456.orc	4186.0	1.49	-112.8	3.2	1.1	0.0	4.7	-112.0	3.0	4.3	1.0
n3715.orc	2131.5	0.74	-149.3	1.5	1.0	0.0	5.4	-144.2	1.5	5.4	-0.5
n4348.orc	2003.9	-2.82	-175.1	7.7	1.6	0.0	5.2	-184.1	5.5	5.0	1.9
n4705.orc	4284.9	-0.15	197.3	5.7	1.4	0.0	7.2	201.7	4.2	7.1	1.9
n697.orc	3112.4	-1.18	200.2	10.1	1.7	0.0	4.4	208.9	6.1	4.6	-1.6
n699.orc	1028.2	0.37	202.4	7.3	1.3	0.0	6.7	206.2	6.1	6.0	8.2
n701.orc	1810.8	-2.76	-167.7	15.8	0.9	0.0	2.6	-150.4	14.6	2.4	-0.2
n7218.orc	1650.0	-1.30	162.4	0.2	0.4	0.0	3.4	120.3	2.8	4.4	0.0
n7300.orc	4880.6	-0.59	-219.6	12.1	3.0	0.0	5.5	-248.4	6.6	7.8	-2.4
n7339.orc	1326.4	-0.59	199.1	11.9	1.0	0.0	1.6	179.7	10.1	1.7	0.4
n7536.orc	4692.9	0.19	215.3	12.1	0.9	0.0	10.0	189.3	11.0	9.1	-6.1
n755.orc	1637.5	1.45	-216.1	32.1	0.7	0.0	6.2	-145.5	27.1	5.8	0.5
n7568.orc	8350.8	-0.08	184.4	5.1	1.3	0.0	18.6	187.7	4.1	17.5	4.8
n7591.orc	4935.0	0.00	190.0	1.0	5.0	0.0	67.5	187.0	0.0	65.5	7.0
n7593.orc	4086.3	-0.67	-112.7	6.2	1.8	0.0	1.7	-122.9	4.2	1.7	3.3
n7606.orc	2246.6	-2.18	267.7	6.5	1.0	0.0	9.4	258.3	5.2	9.4	2.6
n7631.orc	3734.5	-0.10	190.9	6.0	1.1	0.0	16.2	191.1	5.8	15.5	-0.5
n7677.orc	3536.6	-1.81	136.7	9.0	6.0	0.0	14.7	152.0	4.3	20.7	-11.4
u12123.orc	4070.4	-2.83	96.8	18.2	4.2	0.0	5.3	130.6	13.0	5.5	-14.6
u12290.orc	7250.7	0.90	-199.5	14.5	2.0	0.0	11.2	-232.1	10.8	11.5	-0.3
u12370.orc	4875.5	0.53	-146.9	5.4	0.9	0.0	6.6	-131.2	5.0	6.6	-10.5
u12382.orc	3496.5	-3.42	96.8	7.9	12.6	0.0	20.1	108.8	3.3	21.0	-20.5
u12423.orc	4853.7	-3.93	-212.5	26.5	3.5	0.0	18.8	-245.2	14.7	20.5	23.7
u12533.orc	5992.5	-1.11	-250.6	14.9	1.8	0.0	9.2	-276.3	10.4	8.9	-7.5
u12555.orc	4899.9	-2.12	96.1	11.9	2.9	0.0	6.5	112.6	7.2	6.5	-11.1
u12565.orc	8466.1	0.17	-163.4	2.9	1.0	0.0	11.6	-155.6	2.6	10.8	1.1
u12571.orc	3898.8	-0.21	-143.9	4.4	1.3	0.0	17.9	-147.7	3.8	16.8	-1.2
u12583.orc	5055.7	-0.65	142.2	9.6	1.2	0.0	4.4	136.5	7.4	4.3	0.7
u14.orc	7237.1	-0.02	-157.2	1.6	1.3	0.0	11.0	-156.3	0.9	10.3	-0.9
u1938.orc	6370.8	0.51	-211.0	1.9	0.8	0.0	6.7	-195.6	2.5	7.1	3.8
u2020.orc	5549.4	-1.44	-113.5	8.9	1.3	0.0	6.8	-114.1	6.9	6.6	3.4
u2079.orc	5633.4	-1.14	-122.0	4.5	1.0	0.0	9.7	-116.8	4.7	9.5	-4.6
u210.orc	4472.5	0.86	181.6	4.8	0.6	0.0	6.1	128.6	5.3	6.4	8.5
u321.orc	4658.5	-2.00	91.5	9.6	2.3	0.0	2.4	105.6	6.3	2.4	-1.5
u541.orc	7271.0	-0.06	120.1	6.3	1.3	0.0	5.0	122.6	5.1	4.7	1.0
ua17.orc	1936.3	2.61	-157.4	14.9	0.8	0.0	8.0	-127.6	14.2	8.2	-3.7
ua394.orc	2190.3	7.33	-271.5	0.8	1.2	0.0	8.0	-248.7	67.2	7.6	-9.7