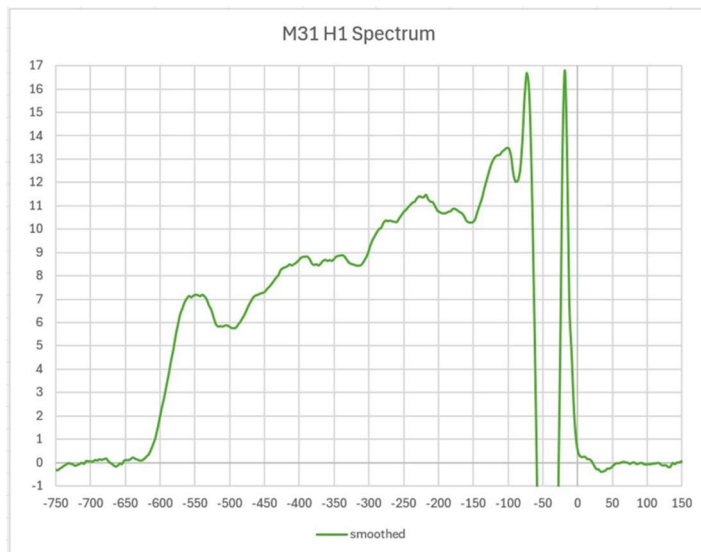
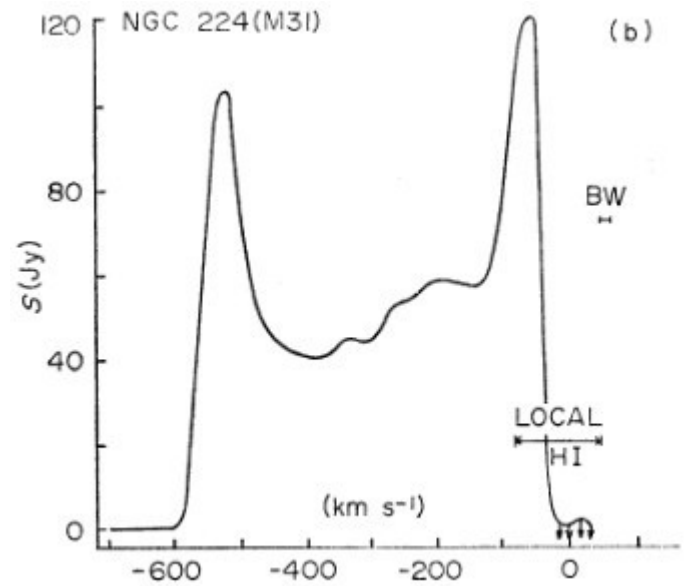
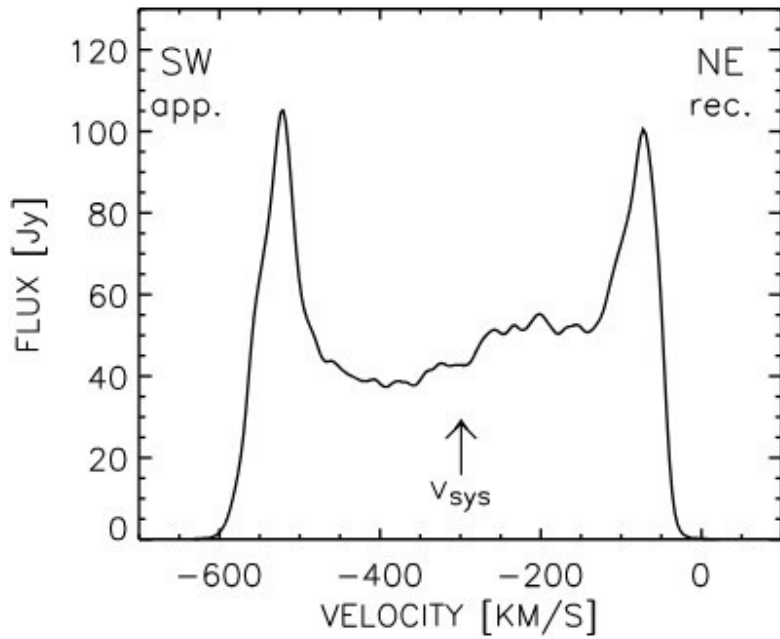


The Nearest Bright H I Galaxies in Order of Brightness

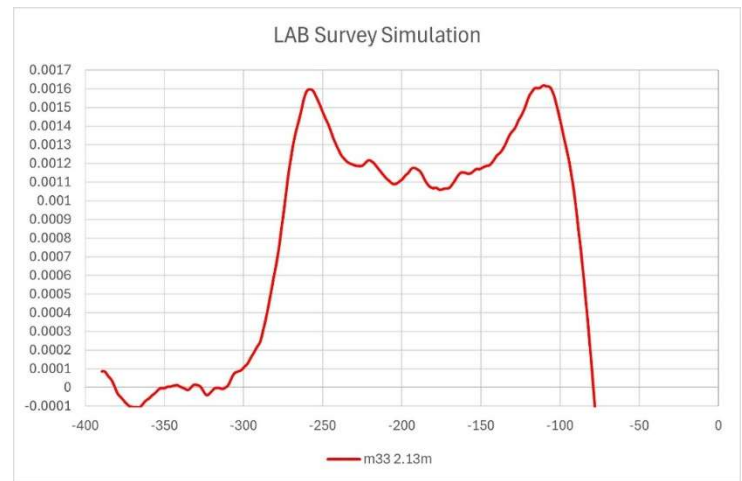
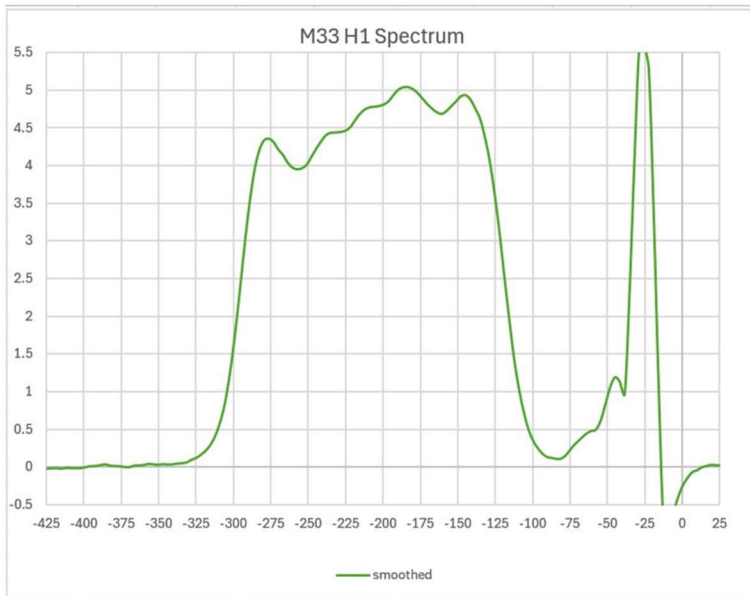
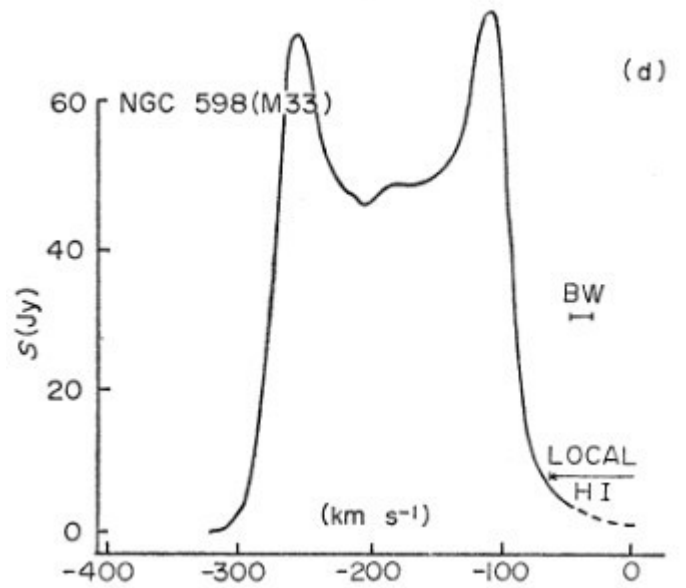
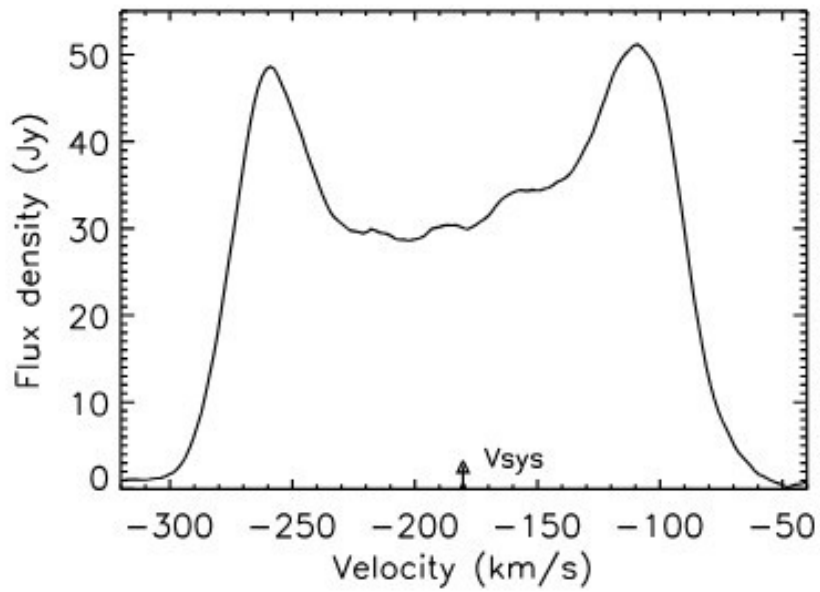
Jason Burnfield 17 July 2026

Nearby Galaxy Observation List																
Name	Alternate Name	RA	Dec	Center Velocity (km/s)	Kam Chemin Caringan and Foster	Dean & Davies	Rots	THINGS x 2	LAB (x10 ⁻⁴)	20 Meter	avg (Jy)	avg (k)	ratio	ratio	avg ratio compared to previous	avg ratio compared to m31
m31	Andromeda Galaxy	00 43	41 16	-301	105	120					112.5		100%	100%	100%	100%
m33	Triangulum Galaxy	01 34	30 40	-179	51	72			16		61.5	16.0	55%		55%	55%
ic342	Hidden Galaxy/ Caldwell 5	03 47	68 06	31			36		9	11	36.0	10.0	59%	63%	61%	33%
m101	Pinwheel Galaxy/ ngc5457	14 03	54 21	241		16	15	16	4.4	4	15.7	4.2	44%	42%	43%	14%
m81	ngc3031	09 56	69 04	-39			13	11.8	3.1	1.8	12.4	2.5	79%	58%	69%	10%
IC10		00 20	59 18	-350		10			2	2.9	10.0	2.5	81%	100%	90%	9%
m74	ngc628/ Phantom Galaxy	01 37	15 47	657		9	7.9	10.8		2.6	9.2	2.6	92%	106%	99%	9%
ngc2403	Caldwell 7	07 37	65 36	133			7.5	11.6	1.6	1.9	9.6	1.8	103%	67%	85%	7%
holmberg ii	ao814	08 19	70 43	142		5.9	5.9	7.6		1.5	6.5	1.5	68%	86%	77%	6%

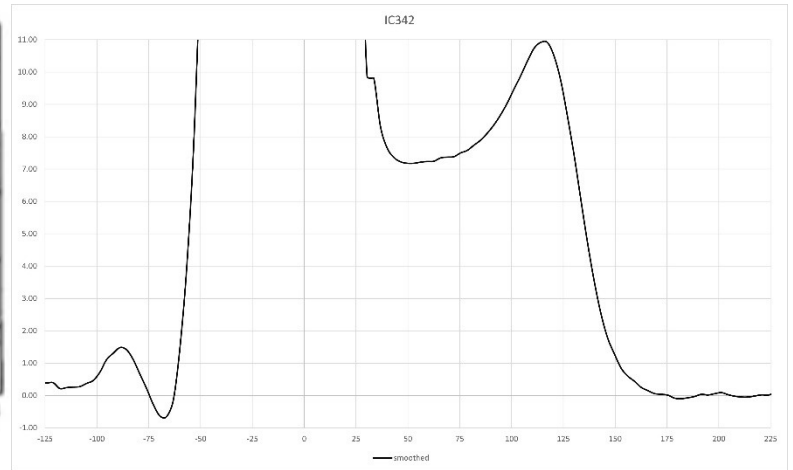
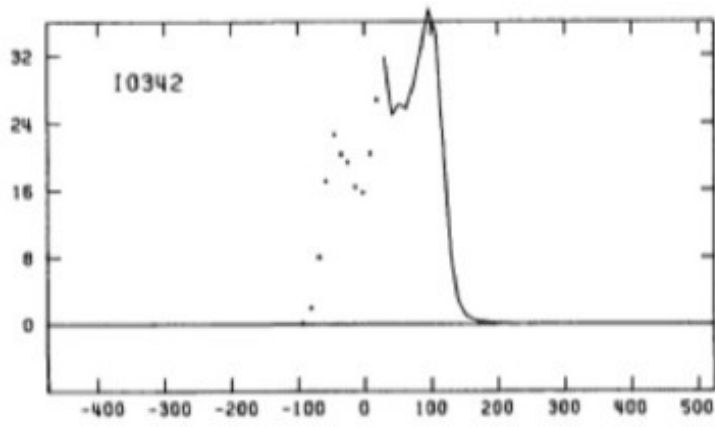
M31 – The Andromeda Galaxy (NGC224)



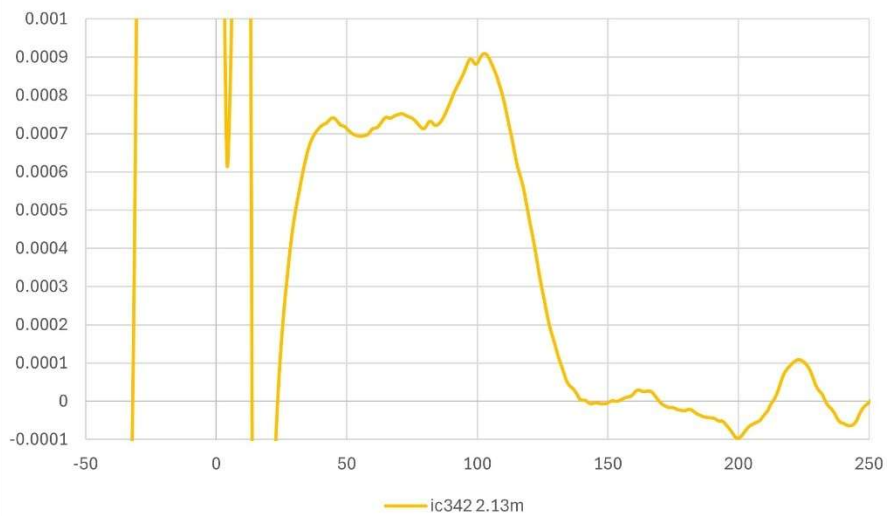
M33 – The Triangulum Galaxy (NGC598)



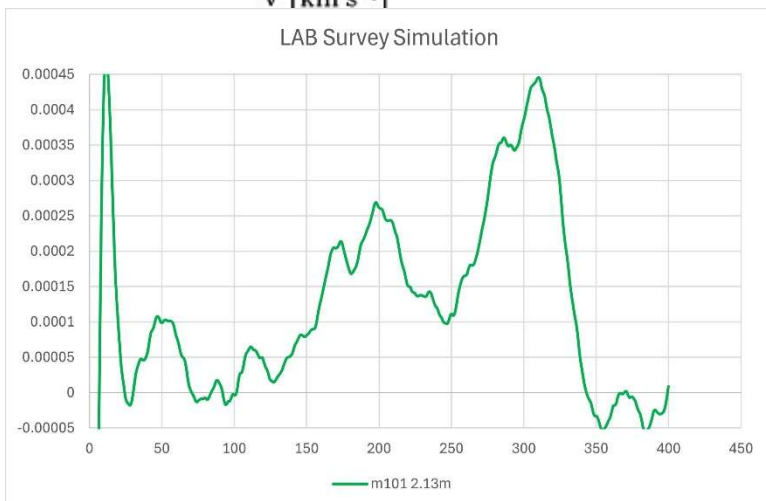
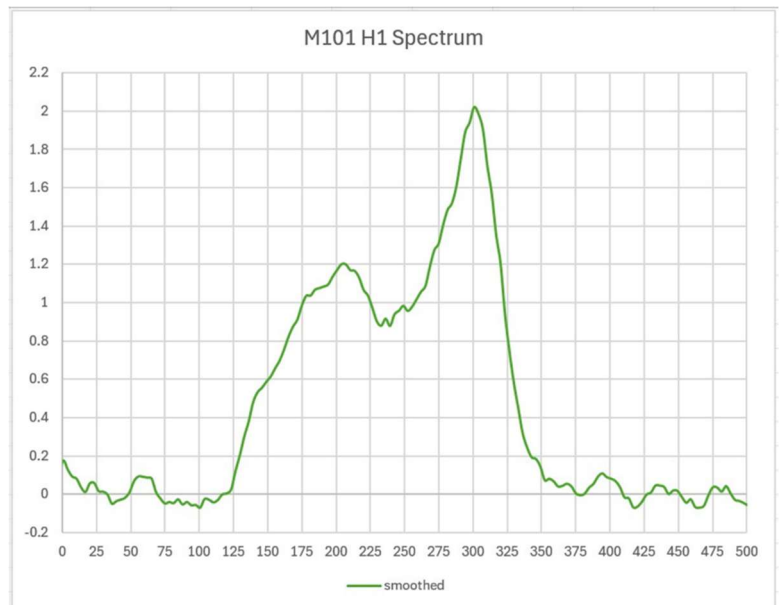
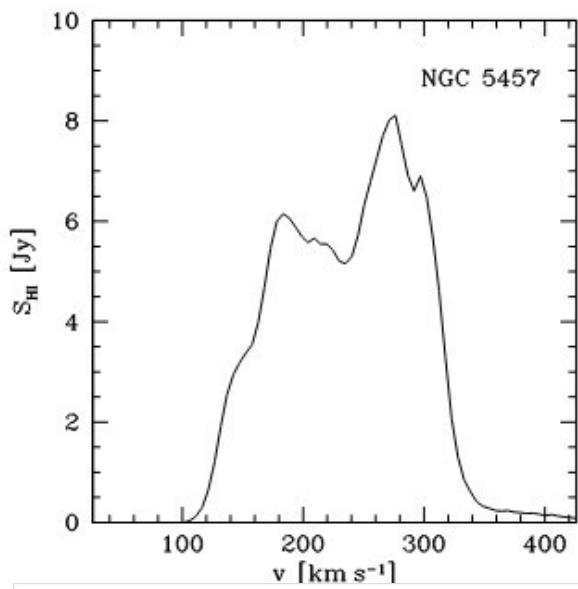
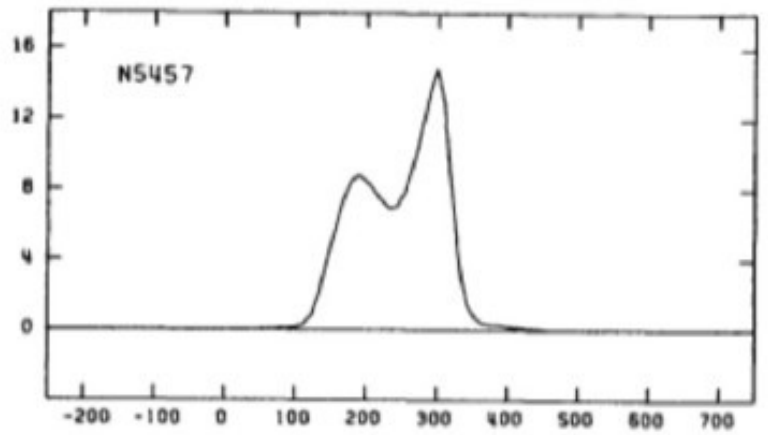
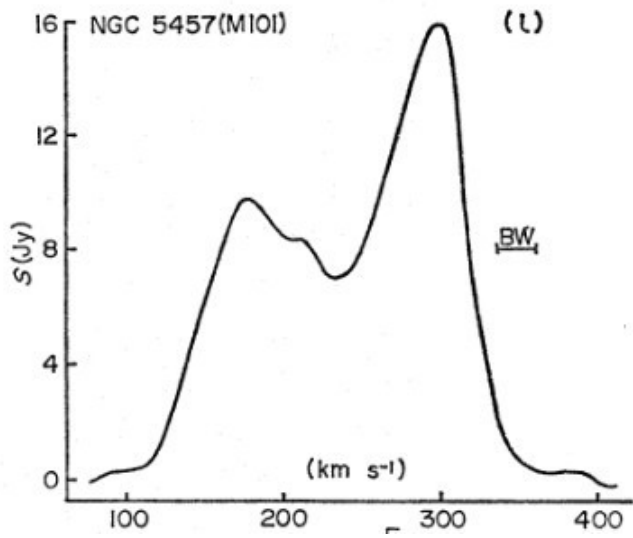
IC342 – The Hidden Galaxy (Caldwell 5)



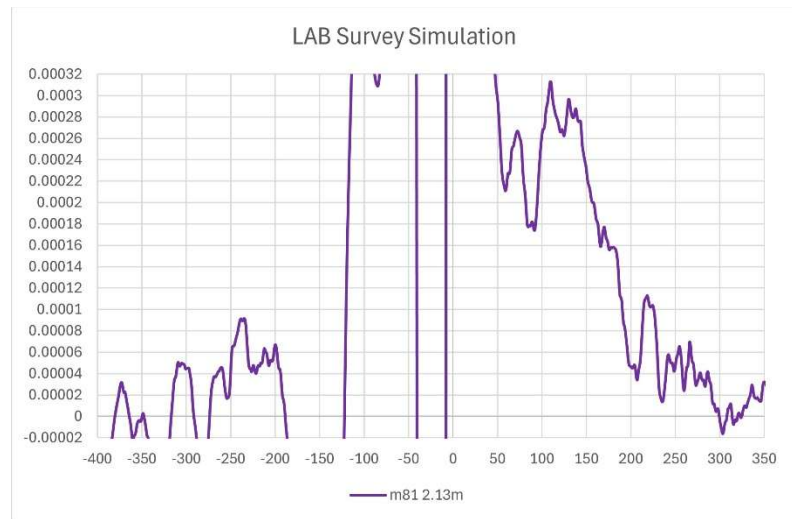
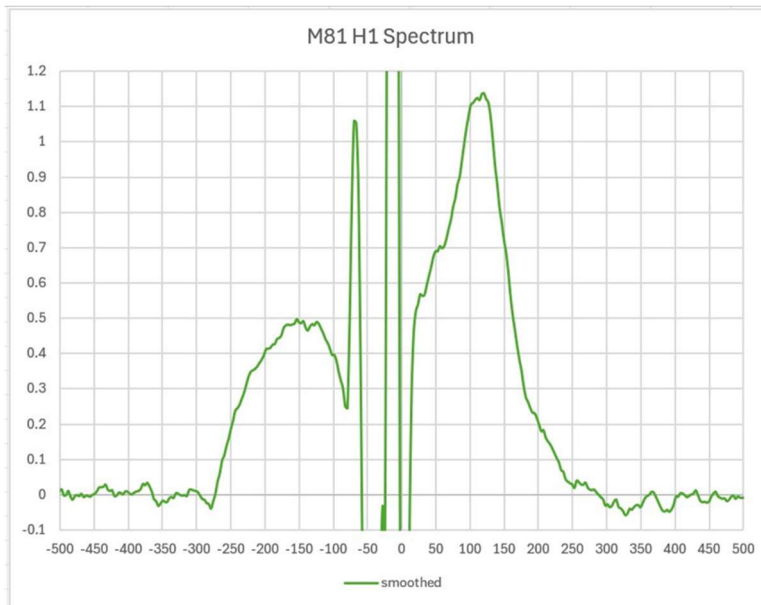
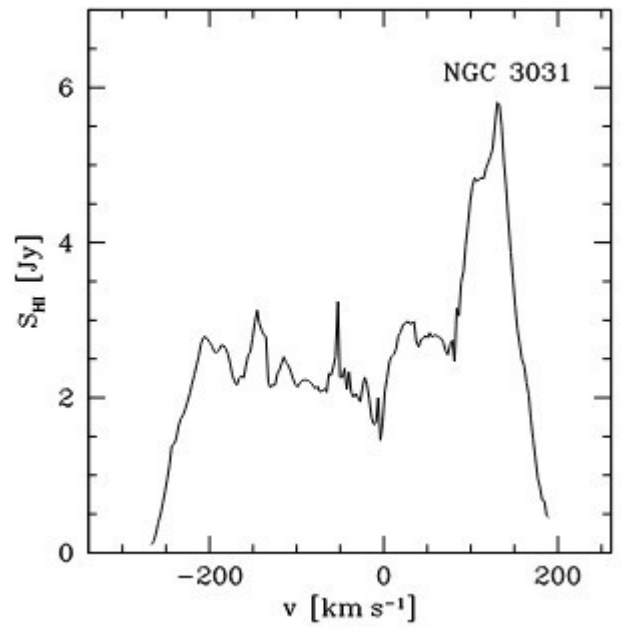
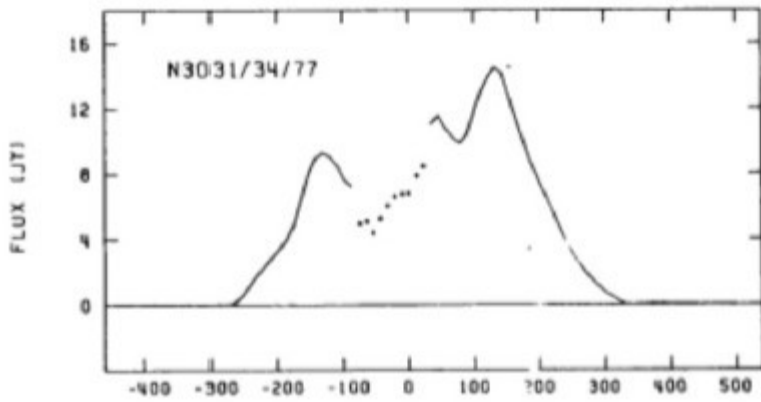
LAB Survey Simulation



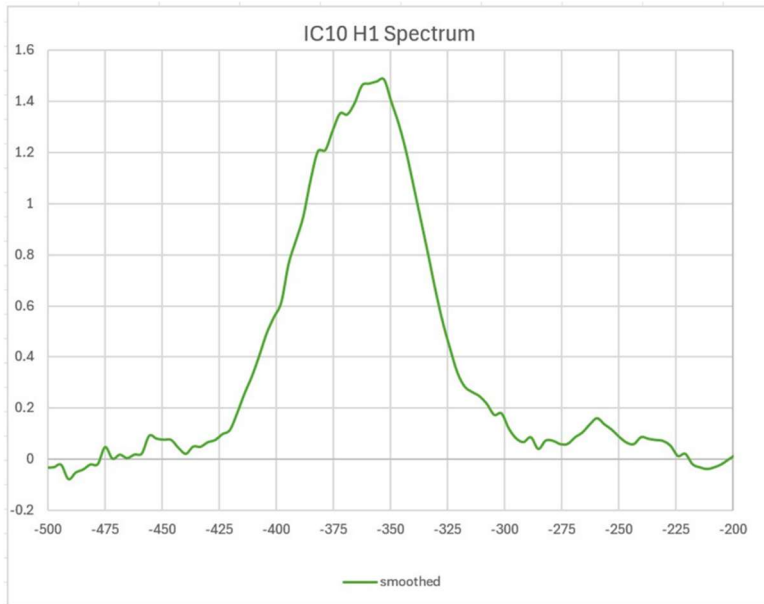
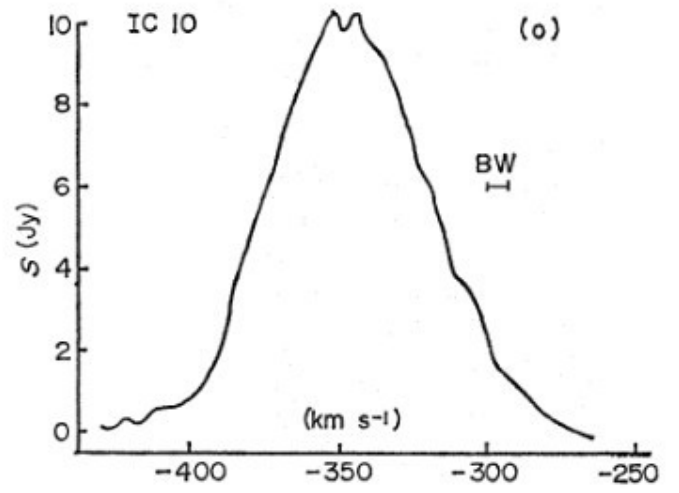
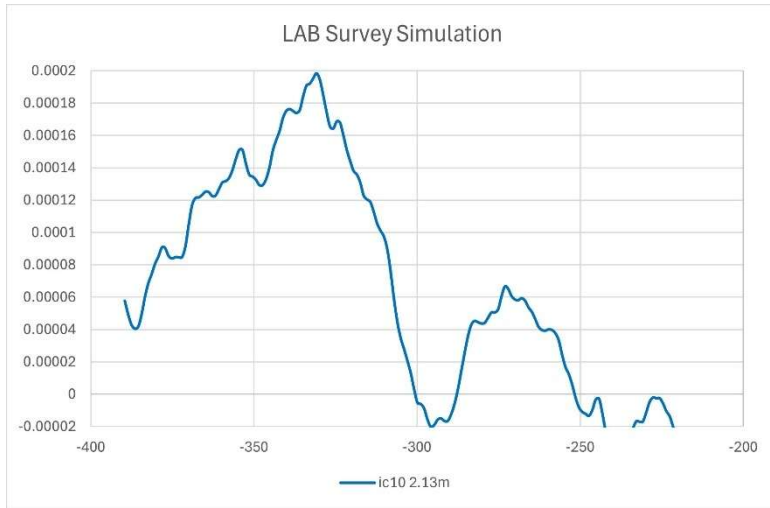
M101 – The Pinwheel Galaxy (NGC5457)



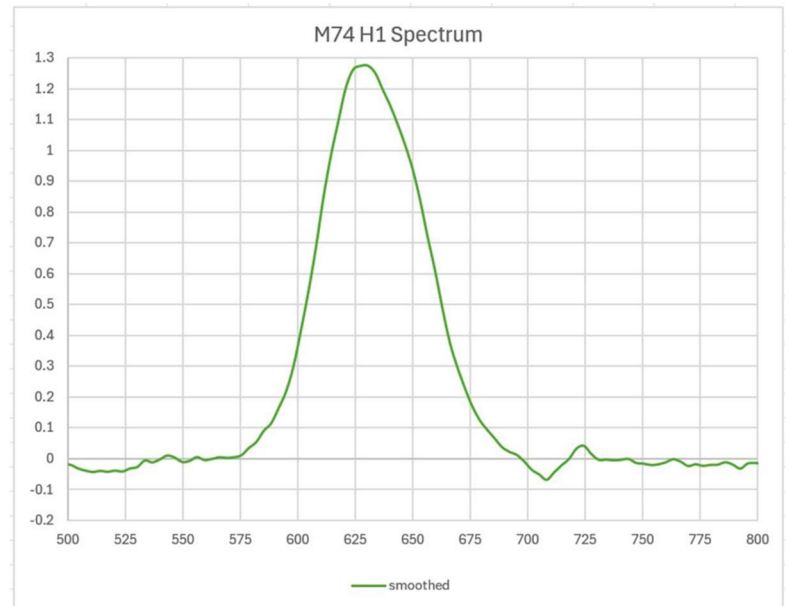
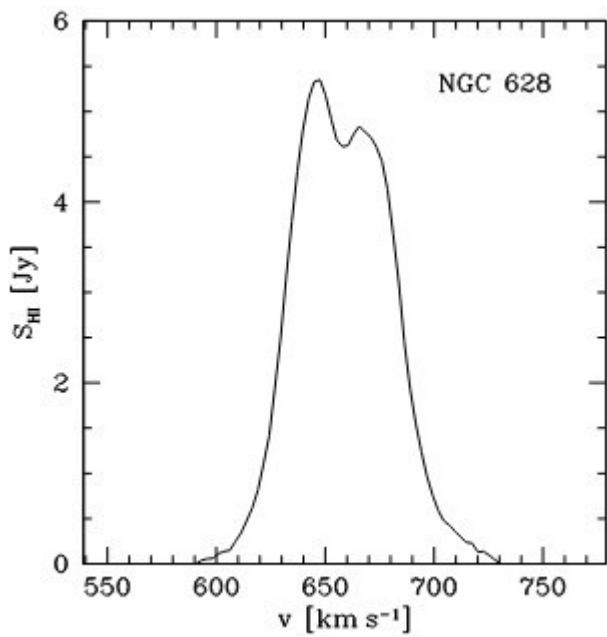
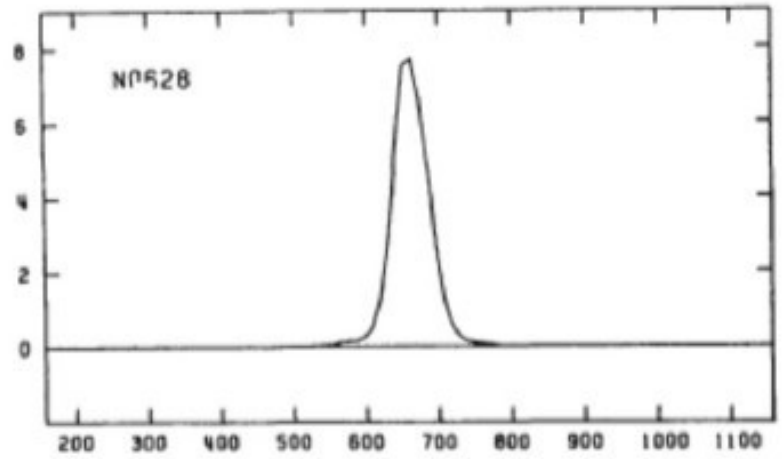
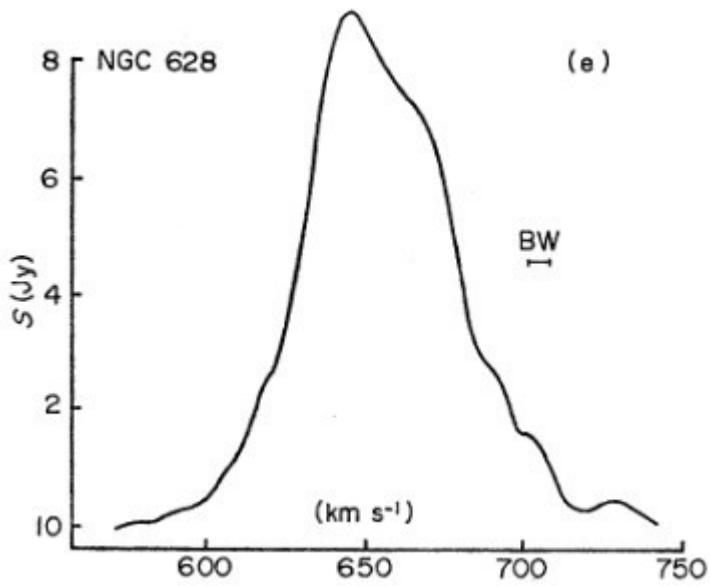
M81 (NGC3031)



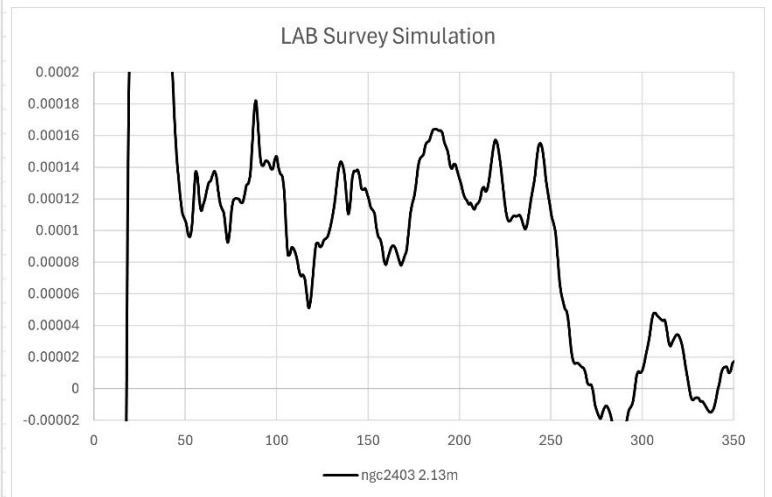
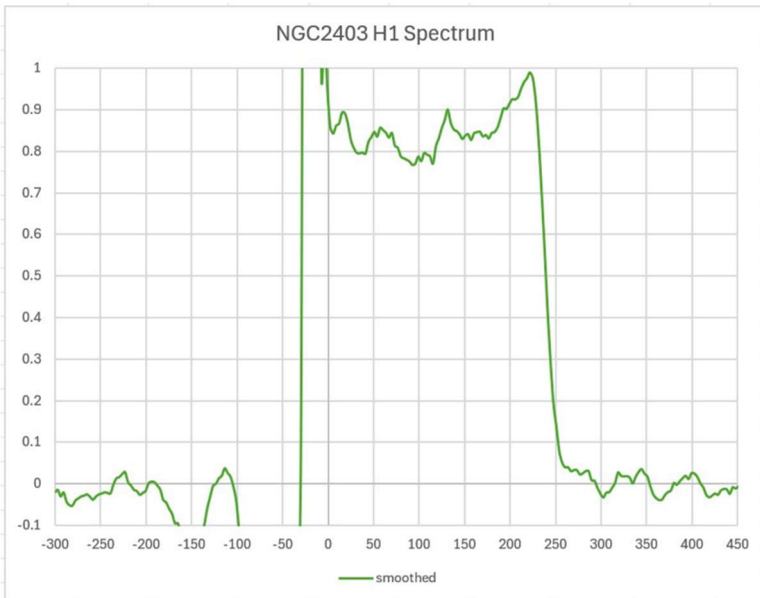
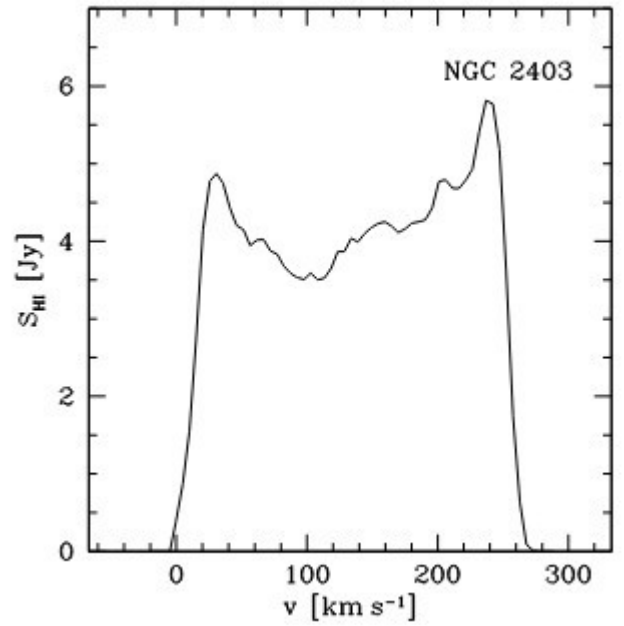
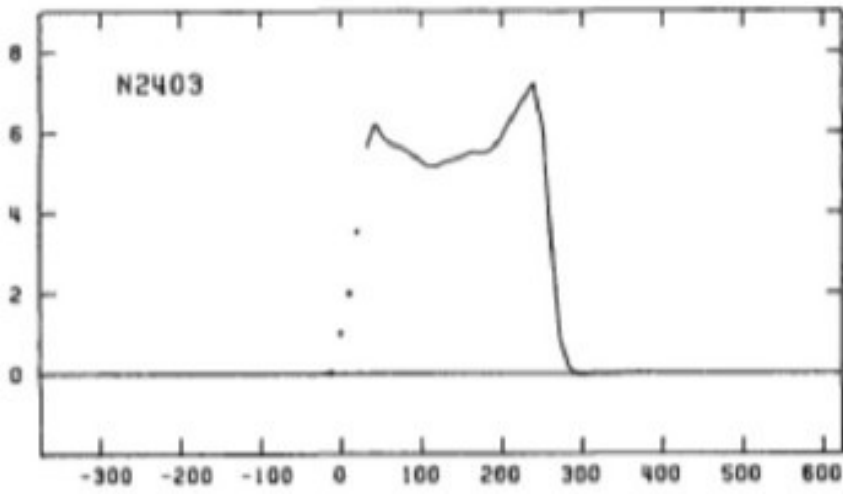
IC10



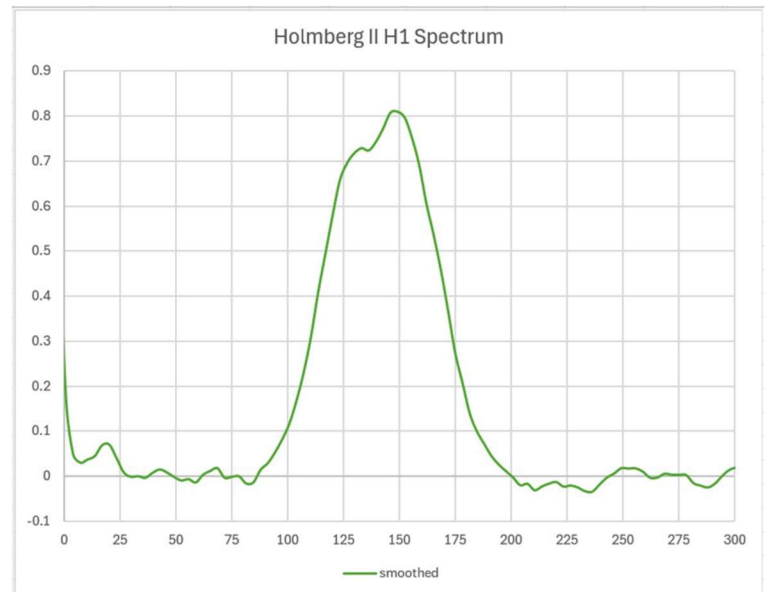
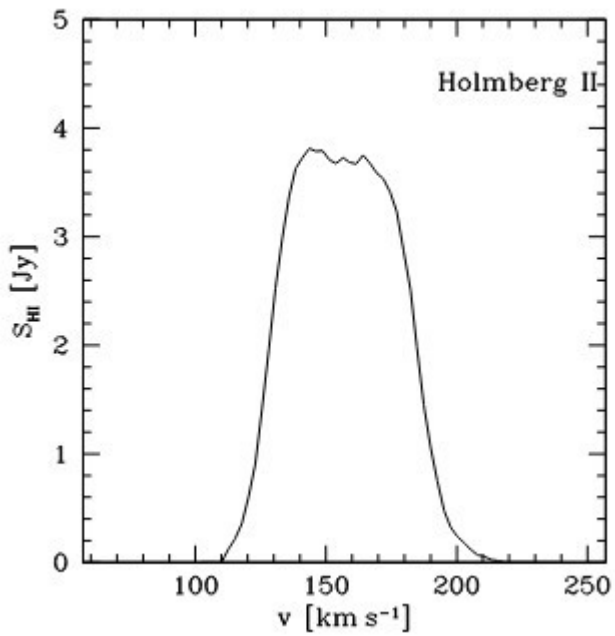
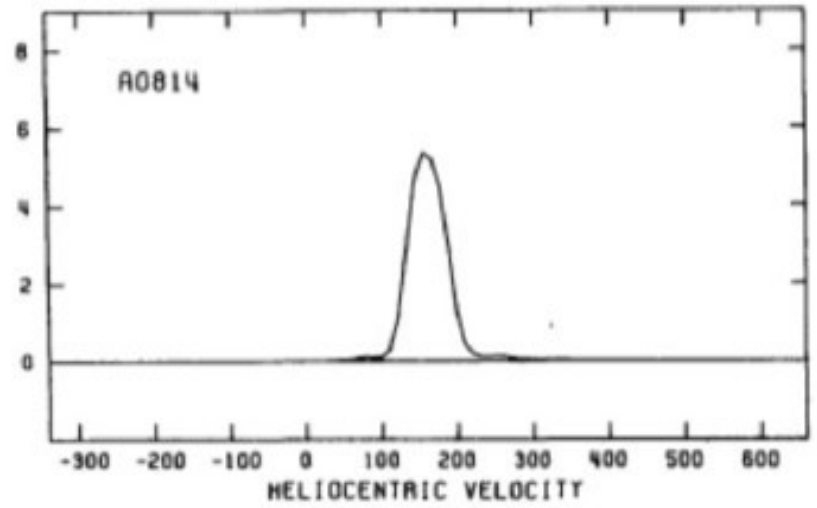
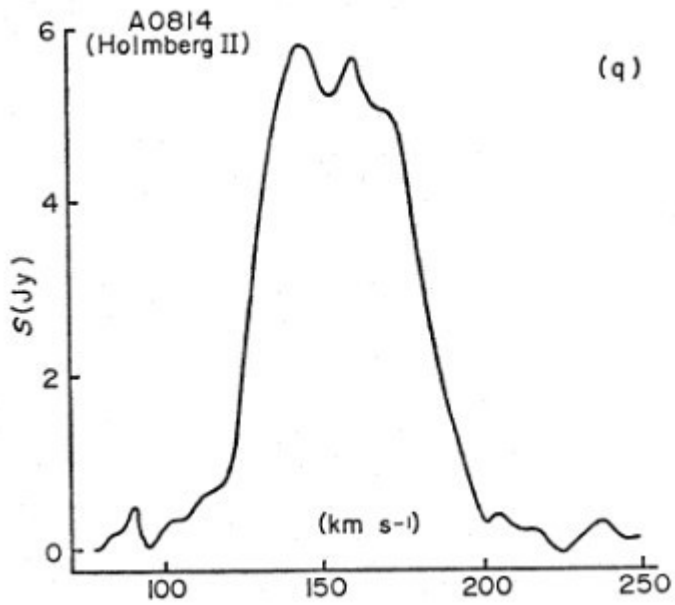
M74 – Phantom Galaxy (NGC628)



NGC2403 (Caldwell 7)



Holmberg II (AO814)



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3. J.F. Dean and R.D. Davies - The Integrated Neutral Hydrogen Properties of Nearby Galaxies <https://academic.oup.com/mnras/article/170/3/503/961865>
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