Table 1. Heliospheric and astronomical measurements of inflowing LISM gas

Source	Method	$v_{\rm LISM}$ (km s^{-1})	T (K)	λ (ecliptic)	β (ecliptic)	Ref.[a]
IBEX	He^0	26	8710^{+440}_{-680}	75.75 ± 0.92	-5.29 ± 0.05	1
IBEX	He^0	27.0 ± 1.3		74.5 ± 1.7	-5.2 ± 0.3	2
IBEX	He^0	25.76 ± 0.4	7440 ± 260	75.75 ± 0.5	-5.16 ± 0.10	3
IBEX	He^0	26.21 ± 0.37	7691 ± 230	75.41 ± 0.40	-5.03 ± 0.07	4
Ulysses	He^0	26.08 ± 0.21	7260 ± 270	75.54 ± 0.19	-5.44 ± 0.24	5
STEREO	He$^+$ PUI			75.21 ± 0.04		6
STEREO	He$^+$ PUI			75.41 ± 0.34		7
LIC cloud	H^0	23.84 ± 0.90	7500 ± 1300	78.53 ± 3.4	-7.20 ± 3.3	8
LIC cloud	H^0	23.9		78.6	–7.0	9
G cloud	H^0	29.6 ± 1.1	5500 ± 400	71.11 ± 1.9	-8.52 ± 3.6	8
Aur cloud	H^0	25.22 ± 0.81		87.46	–30.02	8
Blue cloud	H^0	13.89 ± 0.89	3900 ± 2300	79.09	–26.60	8
SWAN	H^0	22 ± 1	11500 ± 1000	72.5	–8.8	10

[a](1) Möbius et al. (2015a); (2) Leonard et al. (2015); (3) Bzowski et al. (2015); (4) Swaczyna et al. (2018); (5) Wood et al. (2015); (6) Möbius et al. (2015b); (7) Taut et al. (2018); (8) Redfield & Linsky (2008); (9) This paper; (10) Lallement et al. (2005).

Table 2 *(continued)*

Star Name	HD #	l (deg)	b (deg)	d (pc)	v (km s^{-1})	log N(Ion) (cm^{-2})	Ion	Reference	log N(H I) (cm^{-2})	$d^{\rm edge}_{\rm obs}$ (pc)	$d^{\rm edge}_{\rm model}$ (pc)	$\sigma^{\rm a}$
χ^1 Ori	39587	188.5	–2.7	8.66	23.08	12.98 ± 0.01	DI	8	17.787 ± 0.015	0.992 ± 0.034	1.35	–10.5
δ Eri	23249	198.1	–46.0	9.04	19.60	13.056 ± 0.007	DI	6	17.863 ± 0.013	1.18 ± 0.24	0.86	1.3
CF UMa	103095	168.5	73.8	9.09	2.05	12.58 ± 0.14	MgII	8	18.02 ± 0.28	1.7 ± 1.1	0.32	1.3
κ^1 Cet	20630	178.2	–43.1	9.14	20.84	12.68 ± 0.13	DI	8	17.49 ± 0.13	0.50 ± 0.15	1.36	–5.8
EP Eri	17925	192.1	–58.3	10.4	19.50	13.13 ± 0.10	DI	11	17.94 ± 0.10	1.40 ± 0.32	1.00	1.3
β Gem	62509	192.2	23.4	10.4	19.65	13.20 ± 0.10	DI	3	18.01 ± 0.10	1.65 ± 0.38	1.08	1.5
13 Per	16895	141.2	–9.6	11.1	16.45	12.61 ± 0.02	FeII	8	18.28 ± 0.11	3.09 ± 0.81	3.00	0.1
γ Ser	142860	27.7	45.7	11.3	–18.19	12.33 ± 0.10	FeII	8	18.00 ± 0.15	1.62 ± 0.56	0.13	2.7
HR 1925	37394	158.4	11.9	12.3	17.50	13.43 ± 0.005	DI	6	18.239 ± 0.012	2.81 ± 0.56	2.45	0.6
α Aur	34029	162.6	4.6	13.1	21.48	13.44 ± 0.02	DI	4	18.247 ± 0.023	2.86 ± 0.15	2.50	2.4

Table 2 continued on next page