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Transformation and sublimation of interstellar ices: insights from laboratory experiments and astronomical observations

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Transformation and sublimation of interstellar ices

Insights from laboratory experiments and astronomical
observations

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It is again among us, in a glass of milk. It is inserted in a very complex, long chain, yet such that almost all of its links are acceptable to the human body. It is swallowed; and since every living structure harbors a savage distrust toward every contribution of any material of living origin, the chain is meticulously broken apart and the fragments, one by one, are accepted or rejected. One, the one that concerns us, crosses the intestinal threshold and enters the bloodstream: it migrates, knocks at the door of a nerve cell, enters, and supplants the carbon which was part of it. This cell belongs to a brain, and it is my brain, the brain of me who is writing; and the cell in question, and within it the atom in question, is in charge of my writing, in a gigantic minuscule game which nobody has yet described. It is that which at this instant, issuing out of a labyrinthine tangle of yeses and nos, makes my hand run along a certain path on the paper, mark it with these volutes that are signs: a double snap, up and down, between two levels of energy, guides this hand of mine to impress on the paper this dot, here, this one.

Carbon
– The Periodic Table, by Primo Levi

TABLE OF CONTENTS

1	Introduction	1
1.1	Star and planet formation	2
1.1.1	Low-mass stars	2
1.1.2	High-mass stars	3
1.2	Interstellar chemistry	4
1.2.1	Gas vs ice reactions	4
1.2.2	Ice processes	5
1.3	Chemical evolution through star and planet formation	9
1.3.1	Prestellar phase	9
1.3.2	Protostellar phase and beyond	11
1.3.3	The missing sulfur problem	13
1.4	Laboratory astrochemistry	15
1.4.1	An overview of ice experiments	15
1.4.2	SURFRESIDE ³	21
1.4.3	LISA	22
1.4.4	SPACE-KITTEN	23
1.5	Observational astrochemistry	24
1.5.1	Submillimeter and millimeter observations	24
1.5.1.1	ALMA	25
1.5.1.2	APEX	25
1.5.2	Infrared observations	25
1.5.3	Fundamentals of radiative transfer	26
1.6	This thesis	27
1.6.1	Chapter summary	27
1.6.2	Main conclusions and future directions	31
2	First experimental confirmation of the $\text{CH}_3\text{O} + \text{H}_2\text{CO} \rightarrow \text{CH}_3\text{OH}$ + HCO reaction: expanding the CH_3OH formation mechanism in interstellar ices	35
2.1	Introduction	36
2.2	Experimental	37
2.3	Results and Discussion	37
2.4	Conclusions	44
2.5	Appendix	45
2.5.1	D_2CO band strength estimation	45
2.5.2	Experiment list	45

3	Resonant infrared irradiation of CO and CH₃OH interstellar ices	49
3.1	Introduction	50
3.2	Experimental methods	51
3.3	Results and discussion	54
3.3.1	CH ₃ OH	54
3.3.1.1	Morphology	54
3.3.1.2	Power-dependence analysis and photodesorption	57
3.3.2	CO	59
3.3.2.1	Morphology	59
3.3.2.2	Photodesorption	60
3.3.3	Mixtures	62
3.3.3.1	Morphology	62
3.3.3.2	Photodesorption	64
3.4	Astrophysical implications	65
3.5	Conclusions	68
3.6	Acknowledgements	68
3.7	Appendix	69
3.7.1	Control IR spectra	69
3.7.2	aCO ice stabilization	69
3.7.3	Repeated irradiations on ice mixtures	70
4	Interaction of H₂S with H atoms on grain surfaces under molecular cloud conditions	77
4.1	Introduction	78
4.2	Experimental methods	79
4.3	Results and discussion	81
4.3.1	H ₂ S + H ice chemistry	81
4.3.2	H-atom bombardment on H ₂ S ice	83
4.3.3	Kinetic analysis	87
4.4	Astrophysical implications	91
4.5	Conclusions	92
4.6	Acknowledgements	92
4.7	Appendix	93
4.7.1	Determination of IR band strengths	93
5	H₂S ice sublimation dynamics: experimentally constrained binding energies, entrapment efficiencies, and snowlines	95
5.1	Introduction	96
5.2	Methods	97
5.2.1	The setup	97
5.2.2	The experiments	98
5.2.3	The analysis	100
5.3	Results and discussion	101
5.3.1	Binding energies	101
5.3.1.1	H ₂ S–H ₂ S	101
5.3.1.2	H ₂ S–H ₂ O	103
5.3.1.3	Binding energies vs coverage	105
5.3.2	Entrapment in H ₂ O	108
5.4	Astrophysical implications	111

5.5	Conclusions	114
5.6	Acknowledgements	115
5.7	Appendix	115
5.7.1	Submonolayer coverage estimation	115
5.7.2	Pure H ₂ S ice infrared features vs temperature	115
5.7.3	Arrhenius plots	116
5.7.4	Multilayer H ₂ S ice fits with a temperature-dependent ν_{TST}	116
5.7.5	Submonolayer fit with a single energy component	116
5.7.6	QMS-TPD results for mixed H ₂ O:H ₂ S ices	117
6	Formation of carbonyl sulfide (OCS) via SH radicals in interstellar CO-rich ice under dense cloud conditions	121
6.1	Introduction	122
6.2	Experimental methods	124
6.3	Results and discussion	125
6.3.1	OCS formation	125
6.3.2	Effects of larger CO fractions	127
6.4	Astrophysical implications	129
6.5	Conclusions	130
6.6	Acknowledgements	131
7	Formation of S-bearing complex organic molecules in interstellar clouds via ice reactions with C₂H₂, HS, and atomic H	133
7.1	Introduction	134
7.2	Methods	136
7.2.1	Experimental methods	136
7.2.2	Computational methods	139
7.3	Results and discussion	139
7.3.1	CH ₂ CHSH and CH ₃ CH ₂ SH	139
7.3.2	H ₂ S ₂ and HSCH ₂ CH ₂ SH	141
7.3.3	CH ₂ CS and CH ₃ CHS	143
7.3.4	Computational results and chemical network	145
7.4	Astrophysical implications	149
7.5	Conclusions	151
7.6	Acknowledgments	152
8	SO₂ and OCS toward high-mass protostars: a comparative study of ice and gas	153
8.1	Introduction	154
8.2	Observations and methods	156
8.2.1	The observations	156
8.2.2	Spectral analysis	157
8.2.3	Isotope ratio calibration	158
8.3	Results	159
8.3.1	Morphology	159
8.3.2	Fitting results	159
8.3.3	Is ³⁴ SO ₂ optically thin?	160
8.4	Discussion	161
8.4.1	$N(\text{OCS})/N(\text{CH}_3\text{OH})$	161

8.4.2	$N(\text{SO}_2)/N(\text{CH}_3\text{OH})$	164
8.4.3	SO_2 versus OCS	167
8.5	Conclusions	168
8.6	Acknowledgments	170
8.7	Appendix	170
8.7.1	Example of an excluded source	170
8.7.2	Source properties and observational parameters	170
8.7.3	List of transitions	172
8.7.4	Best-fit models for all sources	172
8.7.5	Integrated intensity map of 693050	172
8.7.6	Best-fit parameters of $^{34}\text{SO}_2$ and O^{13}CS	172
8.7.7	FWHM and V_{lsr} of $^{34}\text{SO}_2$ and O^{13}CS compared to CH_3OH	175
8.7.8	Best-fit parameters of $^{33}\text{SO}_2$	175
8.7.9	Literature ratios	175
8.7.10	$N(\text{SO}_2)/N(\text{OCS})$	175
9	A spectral survey of CH_3CCH in the Hot Molecular Core G331.512-0.103	181
9.1	Introduction	182
9.1.1	The source: G331.512-0.103	182
9.1.2	The molecule: Methyl acetylene	183
9.2	Observations	183
9.3	Results	184
9.3.1	Line analysis of CH_3CCH	184
9.3.2	Rotational diagrams and physical properties	186
9.3.3	Relative intensities	189
9.3.4	Search for the CH_3CCH isotopologues	191
9.4	Discussion	192
9.4.1	Origin of the emission	192
9.4.2	Physical conditions: gas temperatures	192
9.4.3	Kinematics	195
9.4.4	CH_3CCH abundances	196
9.5	Chemical modeling	198
9.6	Conclusions	199
9.7	Acknowledgments	201
9.8	Software	201
	Bibliography	203
	Nederlandse samenvatting	235
	English summary	241
	Resumo em português	247
	Publications	253
	Curriculum Vitae	255
	Acknowledgements	257