

LIST OF SUBSTANCES IN VOLS. 1-5 (Volume 1)

The Roman numeral indicates the volume number, the next number is the part number, and the third set of numbers indicates the page range.

e(g)—I-1, 91-92; I-2, 1-2	<i>o</i> -D ₂ (g)—I-1, 135; I-2, 304
O(g)—I-1, 19-20, 82, 92; I-2, 3-4	<i>p</i> -D ₂ (g)—I-1, 135; I-2, 305
O ⁺ (g)—I-1, 92-93; I-2, 5-6	DO(OD)(g)—I-1, 135-138; I-2, 47
O ⁻ (g)—I-1, 92-94; I-2, 7-8	DO ⁻ (OD ⁻)(g)—I-1, 137-138; I-2, 48
O ₂ (g)—I-1, 39, 94-99, 101; I-2, 9-10	DO ₂ (g)—I-1, 138-139; I-2, 49
O ₂ ⁺ (g)—I-1, 95, 96, 98-100; I-2, 11-12	DO ₂ ⁻ (g)—I-1, 139-140; I-2, 50
O ₂ ⁻ (g)—I-1, 95, 96, 100-101; I-2, 13-14	D ₂ O(g)—I-1, 140-142; I-2, 51
O ₃ (g)—I-1, 101-103; I-2, 15	D ₂ O ₂ (g)—I-1, 142-143; I-2, 52
H(g)—I-1, 82, 105-106; I-2, 16-17	HD(g)—I-1, 137, 144-145; I-2, 53-54
H ⁺ (g)—I-1, 106; I-2, 18-19	HDO(g)—I-1, 141, 145-146; I-2, 55
H ⁻ (g)—I-1, 106-107; I-2, 20-21	HDO ₂ (g)—I-1, 142, 146-147; I-2, 56
H ₂ (g)—I-1, 29, 107-110; I-2, 22-23	T(g)—I-1, 147-148; I-2, 57-58
<i>o</i> -H ₂ (g)—I-1, 110-111; I-2, 300	T ₂ (g)—I-1, 137, 148-149; I-2, 59-60
<i>p</i> -H ₂ (g)—I-1, 111; I-2, 301	<i>o</i> -T ₂ (g)—I-1, 149; I-2, 306
H ₂ ⁺ (g)—I-1, 30, 109, 111-113; I-2, 24-25	<i>p</i> -T ₂ (g)—I-1, 149; I-2, 307
H ₂ ⁺ (g)—I-1, 113-114; I-2, 26-27	TO(OT)(g)—I-1, 138, 149-150; I-2, 61
OH(g)—I-1, 109, 115-117; I-2, 28-29	T ₂ O(g)—I-1, 141, 150-151; I-2, 62
OH ⁺ (g)—I-1, 109, 116-118; I-2, 30-31	HT(g)—I-1, 137, 151-152; I-2, 63-64
OH ⁻ (g)—I-1, 109, 116, 118-119; I-2, 32-33	HTO(g)—I-1, 141, 152-153; I-2, 65
HO ₂ (g)—I-1, 114, 119-121; I-2, 34	DT(g)—I-1, 137, 153; I-2, 66-67
HO ₂ ⁻ (g)—I-1, 114, 121; I-2, 35	DTO(g)—I-1, 141, 153-154; I-2, 68
H ₂ O(cr, l)—I-1, 121-123; I-2, 302	F(g)—I-1, 82, 155-156; I-2, 69-70
H ₂ O(g)—I-1, 123-125; I-2, 36-37	F ⁻ (g)—I-1, 156-157; I-2, 71-72
H ₂ O ⁺ (g)—I-1, 114, 125-126; I-2, 38-39	F ₂ (g)—I-1, 25, 28, 36, 157-160, 222; I-2, 73-74
H ₂ O ₂ (cr, l)—I-1, 122, 126-127; I-2, 303	FO(g)—I-1, 157, 159-161; I-2, 75
H ₂ O ₂ (g)—I-1, 127-130; I-2, 40	F ₂ O(g)—I-1, 161-162; I-2, 76
H ₃ O ⁺ (g)—I-1, 114, 130-132; I-2, 41-42	HF(g)—I-1, 157, 159, 162-164; I-2, 77-78
D(g)—I-1, 133-134; I-2, 43-44	H ₂ F ₂ (g)—I-1, 164-166; I-2, 308
D ₂ (g)—I-1, 1234-135, 137; I-2, 45-46	H ₃ F ₃ (g)—I-1, 164, 166-167; I-2, 309

- $\text{H}_4\text{F}_4(\text{g})$ —I-1, 164, 166–168; I-2, 310
 $\text{H}_5\text{F}_5(\text{g})$ —I-1, 164, 166, 168–169; I-2, 311
 $\text{H}_6\text{F}_6(\text{g})$ —I-1, 166, 169–170; I-2, 312
 $\text{H}_7\text{F}_7(\text{g})$
 $\text{HOF}(\text{g})$ —I-1, 164, 171–172; I-2, 79
 $\text{DF}(\text{g})$ —I-1, 157, 159, 172–173; I-2, 80–81
 $\text{TF}(\text{g})$ —I-1, 157, 159, 173; I-2, 82–83
 $\text{Cl}(\text{g})$ —I-1, 82, 175–176; I-2, 84–85
 $\text{Cl}^-(\text{g})$ —I-1, 176–177; I-2, 86–87
 $\text{Cl}_2(\text{g})$ —I-1, 29, 177–180, 222; I-2, 88–89
 $\text{ClO}(\text{g})$ —I-1, 177, 179–182; I-2, 90
 $\text{ClO}_2(\text{g})$ —I-1, 182–184; I-2, 91
 $\text{Cl}_2\text{O}(\text{g})$ —I-1, 184–186; I-2, 92
 $\text{HCl}(\text{g})$ —I-1, 177, 179, 186–187; I-2, 93
 $\text{HOCl}(\text{g})$ —I-1, 184, 187–188; I-2, 94
 $\text{DCl}(\text{g})$ —I-1, 177, 179, 188–189; I-2, 95
 $\text{TCl}(\text{g})$ —I-1, 177, 179, 189–190; I-2, 96
 $\text{ClF}(\text{g})$ —I-1, 177, 179, 190–193, 209; I-2, 97
 $\text{ClF}_3(\text{g})$ —I-1, 193–195; I-2, 98
 $\text{ClF}_5(\text{g})$ —I-1, 194–196; I-2, 99
 $\text{Br}(\text{g})$ —I-1, 82, 197–198; I-2, 100–101
 $\text{Br}^-(\text{g})$ —I-1, 198; I-2, 102–103
 $\text{Br}_2(\text{cr, l})$ —I-1, 198–199, 222; I-2, 314
 $\text{Br}_2(\text{g})$ —I-1, 200–203; I-2, 104
 $\text{BrO}(\text{g})$ —I-1, 200, 203–205; I-2, 105
 $\text{HBr}(\text{g})$ —I-1, 200, 204–108; I-2, 106
 $\text{DBr}(\text{g})$ —I-1, 200, 204, 206–207; I-2, 107
 $\text{TBr}(\text{g})$ —I-1, 200, 204, 207–208; I-2, 108
 $\text{BrF}(\text{g})$ —I-1, 200, 202, 208–211; I-2, 109
 $\text{BrF}_3(\text{g})$ —I-1, 211–212; I-2, 110
 $\text{BrF}_5(\text{g})$ —I-1, 212–213; I-2, 111
 $\text{BrCl}(\text{g})$ —I-1, 200, 202, 209, 213–215; I-2, 112
 $\text{I}(\text{g})$ —I-2, 82, 217–218; I-2, 113–114
 $\text{I}^-(\text{g})$ —I-1, 218; I-2, 115–116
 $\text{I}_2(\text{cr, l})$ —I-1, 219–220; I-2, 315–316
 $\text{I}_2(\text{g})$ —I-1, 220–225; I-2, 117
 $\text{IO}(\text{g})$ —I-1, 221, 223, 225–226; I-2, 118
 $\text{HI}(\text{g})$ —I-1, 221, 223, 226–227; I-2, 119
 $\text{DI}(\text{g})$ —I-1, 221, 223, 227–228; I-2, 120
 $\text{TI}(\text{g})$ —I-1, 221, 223, 228–229; I-2, 121
 $\text{IF}(\text{g})$ —I-1, 229–232; I-2, 122
 $\text{IF}_5(\text{g})$ —I-1, 232–234; I-2, 123
 $\text{IF}_7(\text{g})$ —I-1, 232, 234–235; I-2, 124
 $\text{ICl}(\text{g})$ —I-1, 209, 230, 231, 235–237; I-2, 125
 $\text{IBr}(\text{g})$ —I-1, 209, 230, 231, 237–239; I-2, 126
 $\text{He}(\text{g})$ —I-1, 82, 241–242; I-2, 127–128
 $\text{He}^+(\text{g})$ —I-1, 242–243; I-2, 129–130
 $\text{Ne}(\text{g})$ —I-1, 82, 242, 244; I-2, 131–132
 $\text{Ne}^+(\text{g})$ —I-1, 242, 244; I-2, 133–134
 $\text{Ar}(\text{g})$ —I-1, 82, 242, 244–245; I-2, 135–136
 $\text{Ar}^+(\text{g})$ —I-1, 242, 245; I-2, 137–138
 $\text{Kr}(\text{g})$ —I-1, 82, 242, 245–246; I-2, 139–140
 $\text{Kr}^+(\text{g})$ —I-1, 242–246; I-2, 141–142
 $\text{KrF}_2(\text{g})$ —I-1, 246–247; I-2, 193
 $\text{Xe}(\text{g})$ —I-1, 19, 82, 242, 247–248; I-2, 144–145
 $\text{Xe}^+(\text{g})$ —I-1, 243, 248; I-2, 146–147
 $\text{Xe}_2(\text{g})$ —I-1, 248–250; I-2, 317
 $\text{XeO}_3(\text{g})$ —I-1, 249–250; I-2, 148
 $\text{XeO}_4(\text{g})$ —I-1, 250–251; I-2, 149
 $\text{XeF}(\text{g})$ —I-1, 248, 251–252; I-2, 318
 $\text{XeF}_2(\text{cr, l})$ —I-1, 252–254; I-2, 319
 $\text{XeF}_2(\text{g})$ —I-1, 246, 254–255; I-2, 150
 $\text{XeF}_4(\text{cr, l})$ —I-1, 253, 255–256; I-2, 320
 $\text{XeF}_4(\text{g})$ —I-1, 250, 256–257; I-2, 151
 $\text{XeF}_6(\text{cr, l})$ —I-1, 253, 257–259; I-2, 321
 $\text{XeF}_6(\text{g})$ —I-1, 250, 258–260; I-2, 152
 $\text{XeO}_2\text{F}_2(\text{g})$ —I-1, 250, 260–261; I-2, 153
 $\text{XeO}_3\text{F}_2(\text{g})$ —I-1, 250, 261–262; I-2, 154
 $\text{XeOF}_4(\text{g})$ —I-1, 250, 262–263; I-2, 155
 $\text{Rn}(\text{g})$ —I-1, 82, 243, 263; I-2, 156–157
 $\text{Rn}^+(\text{g})$ —I-1, 243, 263–264; I-2, 158–159
 $\text{S}(\text{cr, l})$ —I-1, 265–268; I-2, 160
 $\text{S}(\text{g})$ —I-1, 82, 268–269; I-2, 161–162
 $\text{S}^-(\text{g})$ —I-1, 269; I-2, 163–164
 $\text{S}_2(\text{g})$ —I-1, 270–274; I-2, 165
 $\text{S}_2^-(\text{g})$ —I-2, 270, 273–275; I-2, 166
 $\text{S}_3(\text{g})$ —I-1, 275–280; I-2, 167
 $\text{S}_4(\text{g})$ —I-1, 277–278, 280; I-2, 168
 $\text{S}_5(\text{g})$ —I-1, 277, 278, 281–282; I-2, 169
 $\text{S}_6(\text{g})$ —I-1, 277, 278, 282–283; I-2, 170
 $\text{S}_7(\text{g})$ —I-1, 277, 278, 283–284; I-2, 171
 $\text{S}_8(\text{g})$ —I-1, 277, 284–286; I-2, 172
 $\text{SO}(\text{g})$ —I-1, 270, 273, 286–287; I-2, 173
 $\text{SO}^-(\text{g})$ —I-1, 270, 273, 288; I-2, 174
 $\text{SO}_2(\text{g})$ —I-1, 288–291; I-2, 175
 $\text{SO}_2^-(\text{g})$ —I-1, 290–292; I-2, 176
 $\text{SO}_3(\text{g})$ —I-1, 291–295; I-2, 177
 $\text{S}_2\text{O}(\text{g})$ —I-1, 291, 293, 296; I-2, 178
 $\text{SH}(\text{g})$ —I-1, 270, 273, 296–298; I-2, 179
 $\text{SH}^-(\text{g})$ —I-1, 270, 273, 297–298; I-2, 180
 $\text{H}_2\text{S}(\text{g})$ —I-1, 289, 298–300; I-2, 181
 $\text{H}_2\text{SO}_4(\text{g})$ —I-1, 277, 300–302; I-2, 182
 $\text{SF}(\text{g})$ —I-1, 270, 273, 302–304; I-2, 183
 $\text{SF}^-(\text{g})$ —I-1, 270, 273, 304–305; I-2, 184
 $\text{SF}_2(\text{g})$ —I-1, 291, 305–306; I-2, 185
 $\text{SF}_3(\text{g})$ —I-1, 291, 206–307; I-2, 186

- $\text{SF}_3^-(\text{g})$ —I-1, 291, 307; I-2, 187
 $\text{SF}_4(\text{g})$ —I-1, 291, 307–308; I-2, 188
 $\text{SF}_5(\text{g})$ —I-1, 291, 308–311; I-2, 189
 $\text{SF}_5^-(\text{g})$ —I-1, 291, 309–311; I-2, 190
 $\text{SF}_6(\text{g})$ —I-1, 291, 311–312; I-2, 191
 $\text{SOF}_2(\text{g})$ —I-1, 291, 312–313; I-2, 192
 $\text{SO}_2\text{F}_2(\text{g})$ —I-1, 291, 313–315; I-2, 193
 $\text{N}(\text{g})$ —I-1, 82, 317–319; I-2, 194–195
 $\text{N}^+(\text{g})$ —I-2, 318–319; I-2, 196–197
 $\text{N}_2(\text{g})$ —I-1, 319–323; I-2, 198–199
 $\text{N}_2^+(\text{g})$ —I-1, 320, 322–325; I-2, 200–201
 $\text{N}_3(\text{g})$ —I-1, 325–326; I-2, 202
 $\text{NO}(\text{g})$ —I-1, 326–330; I-2, 203–204
 $\text{NO}^+(\text{g})$ —I-1, 328–331; I-2, 205–206
 $\text{NO}_2(\text{g})$ —I-1, 332–334, 336; I-2, 207
 $\text{NO}_2^-(\text{g})$ —I-1, 325, 334–335; I-2, 208
 $\text{NO}_3^-(\text{g})$ —I-1, 325, 335–337; I-2, 209
 $\text{N}_2\text{O}(\text{g})$ —I-1, 333, 337–339; I-2, 210
 $\text{N}_2\text{O}_3(\text{g})$ —I-1, 338–342; I-2, 211
 $\text{N}_2\text{O}_4(\text{g})$ —I-1, 340, 343–344; I-2, 212
 $\text{N}_2\text{O}_5(\text{g})$ —I-1, 340, 343–345; I-2, 213
 $\text{NH}(\text{g})$ —I-1, 345–348; I-2, 214–215
 $\text{NH}^+(\text{g})$ —I-1, 345, 347–349; I-2, 216–217
 $\text{NH}_2(\text{g})$ —I-1, 349–351; I-2, 218
 $\text{NH}_3(\text{g})$ —I-1, 351–355; I-2, 219
 $\text{NH}_4^+(\text{g})$ —I-1, 325, 355; I-2, 220
 $\text{N}_2\text{H}_2(\text{g})$ —I-1, 356–358; I-2, 221
trans- $\text{N}_2\text{H}_2(\text{g})$ —I-1, 357–358; I-2, 222
cis- $\text{N}_2\text{H}_2(\text{g})$ —I-1, 357–359; I-2, 223
 $1,1\text{-N}_2\text{H}_2(\text{g})$ —I-1, 357, 359–360; I-2, 224
 $\text{N}_2\text{H}_4(\text{g})$ —I-1, 340, 360–361; I-2, 225
 $\text{NH}_3(\text{g})$ —I-1, 349, 362; I-2, 226
 $\text{HNO}(\text{g})$ —I-1, 349, 362–364; I-2, 227
 $\text{HNO}_2(\text{g})$ —I-1, 357, 363–366; I-2, 228
trans- $\text{HNO}_2(\text{g})$ —I-1, 357, 366; I-2, 229
cis- $\text{HNO}_2(\text{g})$ —I-1, 357, 366–367; I-2, 230
 $\text{HNO}_3(\text{g})$ —I-1, 360, 367–368; I-2, 231
 $\text{NH}_2\text{OH}(\text{g})$ —I-1, 340, 368–369; I-2, 232
 $\text{HN}_2\text{NO}_2(\text{g})$ —I-2, 340, 370; I-2, 233
 $\text{NH}_4\text{NO}_3(\text{cr, l})$ —I-1, 370–372; I-2, 322–323
 $\text{NF}(\text{g})$ —I-1, 372–274; I-2, 234
 $\text{NF}_2(\text{g})$ —I-1, 349, 373–375; I-2, 235
 $\text{NF}_3(\text{g})$ —I-1, 353, 375–377; I-2, 236
 $\text{N}_2\text{F}_2(\text{g})$ —I-1, 357, 377–379; I-2, 237
cis- $\text{N}_2\text{F}_2(\text{g})$ —I-1, 357, 379; I-2, 238
trans- $\text{N}_2\text{F}_2(\text{g})$ —I-1, 357, 379–380; I-2, 239
 $\text{N}_2\text{F}_4(\text{g})$ —I-1, 357, 380–381; I-2, 240
trans- $\text{N}_2\text{F}_4(\text{g})$ —I-1, 357, 381; I-2, 241
gauche- $\text{N}_2\text{F}_4(\text{g})$ —I-1, 357, 381–382; I-2, 242
 $\text{FNO}(\text{g})$ —I-1, 333, 382, 383; I-2, 243
 $\text{FNO}_2(\text{g})$ —I-1, 349, 383–384; I-2, 244
 $\text{FNO}_3(\text{g})$ —I-1, 340, 384–385; I-2, 245
 $\text{F}_3\text{NO}(\text{g})$ —I-1, 325, 385–386; I-2, 246
 $\text{NHf}(\text{g})$ —I-1, 325, 386–387; I-2, 247
 $\text{NH}_2\text{F}(\text{g})$ —I-1, 325, 387–388; I-2, 248
 $\text{NH}_4\text{F}(\text{cr, l})$ —I-1, 371, 388; I-2, 324–325
 $\text{NHf}_2(\text{g})$ —I-1, 325, 388–389; I-2, 249
 $\text{ClNO}(\text{g})$ —I-1, 333, 389–391; I-2, 250
 $\text{ClNO}_2(\text{g})$ —I-1, 349, 391–393; I-2, 251
 $\text{NS}(\text{g})$ —I-1, 372, 374, 392–394; I-2, 252
 $\text{P}(\text{cr, white, l})$ —I-1, 82, 395–397; I-2, 326–327
 $\text{P}(\text{g})$ —I-1, 397–398; I-2, 253–254
 $\text{P}_2(\text{g})$ —I-1, 398–402; I-2, 255
 $\text{P}_3(\text{g})$ —I-1, 402–403; I-2, 256
 $\text{P}_4(\text{g})$ —I-1, 402–405; I-2, 257
 $\text{PO}(\text{g})$ —I-1, 399–400, 404–407; I-2, 258
 $\text{PO}^-(\text{g})$ —I-1, 399–400, 407–408; I-2, 259
 $\text{PO}_2(\text{g})$ —I-1, 408–409; I-2, 260
 $\text{PO}_2^-(\text{g})$ —I-1, 408–410; I-2, 261
 $\text{P}_2\text{O}_3(\text{g})$ —I-1, 403, 410–411; I-2, 262
 $\text{P}_2\text{O}_4(\text{g})$ —I-1, 403, 411; I-2, 263
 $\text{P}_2\text{O}_5(\text{g})$ —I-1, 403, 411–412; I-2, 264
 $\text{P}_3\text{O}_6(\text{g})$ —I-1, 403, 412–413; I-2, 265
 $\text{P}_4\text{O}_6(\text{g})$ —I-1, 403, 413–414; I-2, 266
 $\text{P}_4\text{O}_7(\text{g})$ —I-1, 403, 414–415; I-2, 267
 $\text{P}_4\text{O}_8(\text{g})$ —I-1, 403, 415–416; I-2, 268
 $\text{P}_4\text{O}_9(\text{g})$ —I-1, 403, 416–417; I-2, 269
 $\text{P}_4\text{O}_{10}(\text{cr, l})$ —I-1, 396, 417–419; I-2, 270
 $\text{P}_4\text{O}_{10}(\text{g})$ —I-1, 403, 419–420; I-2, 271
 $\text{PH}(\text{g})$ —I-1, 400, 420–422; I-2, 272
 $\text{PH}_2(\text{g})$ —I-1, 408, 422–424; I-2, 273
 $\text{PH}_2^-(\text{g})$ —I-1, 408, 423–424; I-2, 274
 $\text{HPO}(\text{g})$ —I-1, 408, 424–425; I-2, 275
 $\text{PF}(\text{g})$ —I-1, 400, 421, 425–426; I-2, 276
 $\text{PF}_2(\text{g})$ —I-1, 408, 426–427; I-2, 277
 $\text{PF}_2^-(\text{g})$ —I-1, 408, 426–427; I-2, 278
 $\text{PF}_3(\text{g})$ —I-1, 427–429; I-2, 279
 $\text{PF}_5(\text{g})$ —I-1, 428–430; I-2, 280
 $\text{POF}_3(\text{g})$ —I-1, 428, 430–431; I-2, 281
 $\text{P}(\text{Cl})$ —I-1, 400, 421, 431–432; I-2, 282
 $\text{P}(\text{Cl}_2)$ —I-1, 408, 432–433; I-2, 283
 $\text{P}(\text{Cl}_2)^-(\text{g})$ —I-1, 408, 433; I-2, 284
 $\text{P}(\text{Cl}_3)$ —I-1, 428, 433–435; I-2, 285
 $\text{P}(\text{Cl}_5)$ —I-1, 428, 435–436; I-2, 286
 $\text{POCl}_3(\text{g})$ —I-1, 428, 436–437; I-2, 287
 $\text{PFCl}(\text{g})$ —I-1, 408, 437–438; I-2, 288

$\text{PFCl}^-(\text{g})$ —I-1, 408, 438-439; I-2, 289
 $\text{PF}_2\text{Cl}(\text{g})$ —I-1, 428, 439; I-2, 290
 $\text{PF}_4\text{Cl}(\text{g})$ —I-1, 428, 439-440; I-2, 291
 $\text{PFCl}_2(\text{g})$ —I-1, 428, 440-441; I-2, 292
 $\text{PF}_3\text{Cl}_2(\text{g})$ —I-1, 428, 441; I-2, 293
 $\text{PF}_2\text{Cl}_3(\text{g})$ —I-1, 428, 442; I-2, 294

$\text{PFCl}_4(\text{g})$ —I-1, 428, 442-443; I-2, 295
 $\text{POF}_2\text{Cl}(\text{g})$ —I-1, 428, 443-444; I-2, 296
 $\text{POFCl}_2(\text{g})$ —I-1, 428, 444; I-2, 297
 $\text{PS}(\text{g})$ —I-1, 400, 421, 444-446; I-2, 298
 $\text{PN}(\text{g})$ —I-1, 400, 421, 446-447; I-2, 299

(Volume 2)

- C(cr, l)—II-1, 2-5; II-2, 1
C(cr, diamond)—II-1, 3, 5-7; II-2, 2
C(g)—II-1, 7, 8; II-2, 3-4
C⁺(g)—II-1, 7, 8; II-2, 5-6
C⁻(g)—II-1, 7-9; II-2, 7
C₂(g)—II-1, 9-14; II-2, 8-9
C₂⁺(g)—II-1, 10, 12, 14, 15; II-2, 10-11
C₂⁻(g)—II-1, 10, 12, 15, 16; II-2, 12-13
C₃(g)—II-1, 16-19; II-2, 14-15
C₄(g)—II-1, 16, 18-20; II-2, 16-17
C₅(g)—II-1, 16, 20, 21; II-2, 18-19
CO(g)—II-1, 21-26, 991; II-2, 20-21
CO⁺(g)—II-1, 22, 25-27; II-2, 22-23
CO₂(g)—II-1, 27-30; II-2, 24-25
CO₂⁺(g)—II-1, 30, 31; II-2, 26-27
C₂O(g)—II-1, 30-32; II-2, 28
C₂O₃(g)—II-1, 16, 32-34; II-2, 29
CH(g)—II-1, 34-37; II-2, 30-31
CH⁺(g)—II-1, 35, 37-39; II-2, 32-33
CH₂(g)—II-1, 39-41; II-2, 34
CH₃(g)—II-1, 41-44; II-2, 35
CH₄(g)—II-1, 44-46; II-2, 36
C₂H(g)—II-1, 39, 46-49; II-2, 37-38
C₂H₂(g)—II-1, 47, 50, 1; II-2, 39-40
C₂H₃(g)—II-1, 51-53; II-2, 41
C₂H₄(g)—II-1, 52-56; II-2, 42
C₂H₅(g)—II-1, 55-57; II-2, 43
C₂H₆(g)—II-1, 54, 57-59; II-2, 44
HCO(g)—II-1, 30, 59-60; II-2, 45
COOH(g)—II-1, 60-62; II-2, 46
H₂CO(g)—II-1, 61-63; II-2, 47
HCOOH(g)—II-1, 52, 63-66; II-2, 48
cis-HCOOH(g)—II-1, 52, 63-66; II-2, 49
trans-HCOOH(g)—II-1, 52, 63-67; II-2, 50
CH₃O(g)—II-1, 52, 67-68; II-2, 51
CH₂OH(g)—II-1, 52, 68-70; II-2, 52
CH₃OH(g)—II-1, 56, 69-72; II-2, 53
C₂H₅OH(g)—II-1, 56, 72-74; II-2, 54
CF(g)—II-1, 35, 37, 74-76, 265; II-2, 55
CF₂(g)—II-1, 39, 76-78; II-2, 56
CF₃(g)—II-1, 43, 77-79; II-2, 57
CF₄(g)—II-1, 44, 79-81; II-2, 58
C₂F(g)—II-1, 39, 81-82; II-2, 59
C₂F₂(g)—II-1, 43, 82-83; II-2, 60
C₂F₃(g)—II-1, 52, 83-84; II-2, 61
C₂F₄(g)—II-1, 54, 84-85; II-2, 62
C₂F₅(g)—II-1, 56, 85-86; II-2, 63
C₂F₆(g)—II-1, 54, 86-88; II-2, 64
FCO(g)—II-1, 30, 87-88; II-2, 65
F₂CO(g)—II-1, 61, 89-91; II-2, 66
CHF(g)—II-1, 39, 90-92; II-2, 67
CH₂F(g)—II-1, 43, 92-93; II-2, 68
CH₃F(g)—II-1, 93-95; II-2, 69
CHF₂(g)—II-1, 43, 95-97; II-2, 70
CH₂F₂(g)—II-1, 96-98; II-2, 71
CHF₃(g)—II-1, 88, 94, 97-99; II-2, 72
C₂HF(g)—II-1, 43, 99-100; II-2, 73
C₂H₃F(g)—II-1, 54, 100-101; II-2, 74
C₂H₂F₂(g)—II-1, 101-102; II-2, 75
1,1-C₂H₂F₂(g)—II-1, 102-103; II-2, 76
cis-C₂H₂F₂(g)—II-1, 102-104; II-2, 77
trans-C₂H₂F₂(g)—II-1, 102, 104-105; II-2, 78
C₂HF₃(g)—II-1, 54, 105; II-2, 79
HFCO(g)—II-1, 61, 106; II-2, 80
CCl(g)—II-1, 35, 37, 106-108, 265; II-2, 81
CCl₂(g)—II-1, 39, 108-110; II-2, 82
CCl₃(g)—II-1, 43, 109-111; II-2, 93
CCl₄(g)—II-1, 44, 111-113; II-2, 84

- $C_2Cl(g)$ —II-1, 39, 112–114; II-2, 85
 $C_2Cl_2(g)$ —II-1, 43, 114; II-2, 86
 $C_2Cl_3(g)$ —II-1, 52, 114–115; II-2, 87
 $C_2Cl_4(g)$ —II-1, 54, 115–116; II-2, 88
 $C_2Cl_5(g)$ —II-1, 56, 116–117; II-2, 89
 $C_2Cl_6(g)$ —II-1, 54, 117–118; II-2, 90
 $ClCO(g)$ —II-1, 30, 118–119; II-2, 91
 $Cl_2CO(g)$ —II-1, 61, 119–121; II-2, 92
 $CHCl(g)$ —II-1, 39, 120–121; II-2, 93
 $CH_2Cl(g)$ —II-1, 43, 121–123; II-2, 94
 $CH_3Cl(g)$ —II-1, 94, 122–125; II-2, 95
 $CHCl_2(g)$ —II-1, 43, 124–126; II-2, 96
 $CH_2Cl_2(g)$ —II-1, 98, 125–127; II-2, 97
 $CHCl_3(g)$ —II-1, 94, 127–129; II-2, 98
 $C_2HCl(g)$ —II-1, 43, 129; II-2, 99
 $C_2H_3Cl(g)$ —II-1, 54, 129–130; II-2, 100
 $C_2H_2Cl_2(g)$ —II-1, 102, 130–131; II-2, 101
 $1,1-C_2H_2Cl_2(g)$ —II-1, 102, 131–132; II-2, 102
cis- $C_2H_2Cl_2(g)$ —II-1, 102, 132–133; II-2, 103
trans- $C_2H_2Cl_2(g)$ —II-1, 102, 133; II-2, 104
 $C_2HCl_3(g)$ —II-1, 54, 134; II-2, 105
 $HClCO(g)$ —II-1, 61, 134–135; II-2, 106
 $CFCl(g)$ —II-1, 39, 135–136; II-2, 107
 $CF_2Cl(g)$ —II-1, 43, 136–137; II-2, 108
 $CF_3Cl(g)$ —II-1, 88, 94, 137–138; II-2, 109
 $CFCl_2(g)$ —II-1, 43, 138–139; II-2, 110
 $CF_2Cl_2(g)$ —II-1, 98, 139–140; II-2, 111
 $CFCl_3(g)$ —II-1, 94, 140–141; II-2, 112
 $C_2FCl(g)$ —II-1, 43, 141–142; II-2, 113
 $C_2F_3Cl(g)$ —II-1, 54, 142–143; II-2, 114
 $C_2F_2Cl_2(g)$ —II-1, 102, 143; II-2, 115
 $1,1-C_2F_2Cl_2(g)$ —II-1, 102, 143–144; II-2, 116
cis- $C_2F_2Cl_2(g)$ —II-1, 102, 144; II-2, 117
trans- $C_2F_2Cl_2(g)$ —II-1, 102, 145; II-2, 118
 $C_2FCl_3(g)$ —II-1, 54, 145–146; II-2, 119
 $FCICO(g)$ —II-1, 61, 146–147; II-2, 120
 $CHFCl(g)$ —II-1, 43, 147; II-2, 121
 $CH_2FCl(g)$ —II-1, 98, 147–148; II-2, 122
 $CHF_2Cl(g)$ —II-1, 148–149; II-2, 123
 $CHFCl_2(g)$ —II-1, 149–150; II-2, 124
 $C_2H_2FCl(g)$ —II-1, 102, 150; II-2, 125
 $1,1-C_2H_2FCl(g)$ —II-1, 102, 151; II-2, 126
cis- $C_2H_2FCl(g)$ —II-1, 102, 151–152; II-2, 127
trans- $C_2H_2FCl(g)$ —II-1, 102, 152; II-2, 128
 $C_2HF_2Cl(g)$ —II-1, 102, 153; II-2, 129
 $1,1-C_2HF_2Cl(g)$ —II-1, 102, 153–154; II-2, 130
cis- $C_2HF_2Cl(g)$ —II-1, 102, 154; II-2, 131
trans- $C_2HF_2Cl(g)$ —II-1, 102, 154–155; II-2, 132
 $C_2HFCl_2(g)$ —II-1, 102, 155; II-2, 133
trans- $C_2HFCl_2(g)$ —II-1, 102, 156; II-2, 134
cis- $C_2HFCl_2(g)$ —II-1, 102, 156–157; II-2, 135
 $1,1-C_2HFCl_2(g)$ —II-1, 102, 157; II-2, 136
 $CBr(g)$ —II-1, 35, 157–159, 265; II-2, 137
 $CBr_2(g)$ —II-1, 39, 159–160; II-2, 138
 $CBr_3(g)$ —II-1, 43, 160–161; II-2, 139
 $CBr_4(g)$ —II-1, 44, 161–162; II-2, 140
 $CH_3Br(g)$ —II-1, 94, 162–163; II-2, 141
 $CH_2Br_2(g)$ —II-1, 98, 163–164; II-2, 142
 $CHBr_3(g)$ —II-1, 94, 164–165; II-2, 143
 $CF_3Br(g)$ —II-1, 88, 94, 165–166; II-2, 144
 $CF_2Br_2(g)$ —II-1, 98, 166; II-2, 145
 $CFBr_3(g)$ —II-1, 94, 166–167; II-2, 146
 $CH_2FBr(g)$ —II-1, 98, 167–168; II-2, 147
 $CHF_2Br(g)$ —II-1, 149, 168; II-2, 148
 $CHFBr_2(g)$ —II-1, 149, 168–169; II-2, 149
 $CCl_3Br(g)$ —II-1, 94, 169–170; II-2, 150
 $CCl_2Br_2(g)$ —II-1, 98, 170–171; II-2, 151
 $CClBr_3(g)$ —II-1, 94, 171; II-2, 152
 $CH_2ClBr(g)$ —II-1, 98, 171–172; II-2, 153
 $CHCl_2Br(g)$ —II-1, 149, 172–173; II-2, 154
 $CHClBr_2(g)$ —II-1, 149, 173; II-2, 155
 $CF_2ClBr(g)$ —II-1, 173–174; II-2, 156
 $CFCl_2Br(g)$ —II-1, 174–175; II-2, 157
 $CFClBr_2(g)$ —II-1, 174–176; II-2, 158
 $CHFClBr(g)$ —II-1, 149, 176; II-2, 159
 $Cl(g)$ —II-1, 35, 37, 176–177, 265; II-2, 160
 $Cl_2(g)$ —II-1, 39, 178; II-2, 161
 $Cl_3(g)$ —II-1, 43, 178–179; II-2, 162
 $Cl_4(g)$ —II-1, 44, 179–180; II-2, 163
 $CH_3I(g)$ —II-1, 94, 180–181; II-2, 164
 $CH_2I_2(g)$ —II-1, 98, 181–182; II-2, 165
 $CHI_3(g)$ —II-1, 94, 183; II-2, 166
 $CF_3I(g)$ —II-1, 88, 94, 183–194; II-2, 167
 $CF_2I_2(g)$ —II-1, 98, 184–185; II-2, 168
 $CFI_3(g)$ —II-1, 94, 185–186; II-2, 169
 $CH_2FI(g)$ —II-1, 98, 186; II-2, 170
 $CHF_2I(g)$ —II-1, 149, 186–187; II-2, 171
 $CHF_2I_2(g)$ —II-1, 149, 187–188; II-2, 172
 $CCl_3I(g)$ —II-1, 94, 188; II-2, 173
 $CCl_2I_2(g)$ —II-1, 98, 189; II-2, 174
 $CClI_3(g)$ —II-1, 94, 189–190; II-2, 175
 $CH_2CI(g)$ —II-1, 98, 190–191; II-2, 176
 $CHCl_2I(g)$ —II-1, 149, 191; II-2, 177
 $CHClI_2(g)$ —II-1, 149, 191–192; II-2, 178
 $CF_2CI(g)$ —II-1, 174, 192–193; II-2, 179
 $CFCl_2I(g)$ —II-1, 174, 193–194; II-2, 180

- CFCII₂(g)—II-1, 174, 194; II-2, 181
 CHFClI(g)—II-1, 149, 194-195; II-2, 182
 CBr₃I(g)—II-1, 94, 195-196; II-2, 183
 CBr₂I₂(g)—II-1, 98, 196-197; II-2, 184
 CBrI₃(g)—II-1, 94, 197; II-2, 185
 CH₂BrI(g)—II-1, 98, 197-198; II-2, 186
 CHBr₂I(g)—II-1, 149, 198-199; II-2, 187
 CHBrI₂(g)—II-1, 149, 199; II-2, 188
 CF₂BrI(g)—II-1, 174, 200; II-2, 189
 CFBr₂I(g)—II-1, 174, 200-201; II-2, 190
 CFBrI₂(g)—II-1, 174, 201-202; II-2, 191
 CCl₂BrI(g)—II-1, 174, 202; II-2, 192
 CClBr₂I(g)—II-1, 174, 202-203; II-2, 193
 CClBrI₂(g)—II-1, 174, 203-204; II-2, 194
 CHFBrI(g)—II-1, 149, 204-205; II-2, 195
 CHClBrI(g)—II-1, 149, 205; II-2, 196
 CFCIBrI(g)—II-1, 174, 205-206; II-2, 197
 CS(g)—II-1, 22, 206-209, 291; II-2, 198
 CS₂(g)—II-1, 28, 209-211; II-2, 199
 COS(g)—II-1, 28, 211-212; II-2, 200
 CN(g)—II-1, 208, 212-216; II-2, 201-202
 CN⁺(g)—II-1, 208, 213, 215-217; II-2, 203-204
 CN⁻(g)—II-1, 208, 213, 218-219; II-2, 205-206
 NCN(g)—II-1, 30, 219-220; II-2, 207
 CNN(g)—II-1, 30, 220-221; II-2, 208
 CNC(g)—II-1, 30, 221-222; II-2, 209
 CCN(g)—II-1, 30, 222-224; II-2, 210
 C₂N₂(g)—II-1, 50, 224-225; II-2, 211
 NCO(g)—II-1, 30, 225-226; II-2, 212
 HCN(g)—II-1, 28, 226-227; II-2, 213-214
 HNC(g)—II-1, 30, 227-228; II-2, 215
 HC₂N(g)—II-1, 43, 228-229; II-2, 216
 FCN(g)—II-1, 28, 229-230; II-2, 217
 CICN(g)—II-1, 28, 230-231; II-2, 218
 CP(g)—II-1, 208, 213, 231-233; II-2, 219
 Si(cr, l)—II-1, 236-238; II-2, 220
 Si(g)—II-1, 238-240; II-2, 221-222
 Si⁺(g)—II-1, 239-240; II-2, 223-224
 Si₂(g)—II-1, 240-245; II-2, 225
 Si₃(g)—II-1, 246-247; II-2, 226
 SiO(g)—II-1, 243-244, 247-250, 291; II-2, 227
 SiO₂(cr, l)—II-1, 237, 250-252; II-2, 228
 SiO₂(cr, quartz)—II-1, 237, 252-253; II-2, 229
 SiO₂(cr, cristobalite)—II-1, 237, 253-254; II-2, 230
 SiO₂(cr, tridymite)—II-1, 237, 254-255; II-2, 231
 SiO₂(vitr)—II-1, 237, 255-256; II-2, 232
 SiO₂(g)—II-1, 246, 256-257; II-2, 233
 SiH(g)—II-1, 243-244, 257-259; II-2, 234
 SiH₂(g)—II-1, 260-262; II-2, 235
 SiH₃(g)—II-1, 261-263; II-2, 236
 SiH₄(g)—II-1, 261, 263-264; II-2, 237
 SiF(g)—II-1, 243-244, 258, 264-266; II-2, 238
 SiF₂(g)—II-1, 260, 266-268; II-2, 239
 SiF₃(g)—II-1, 261, 267-269; II-2, 240
 SiF₄(g)—II-1, 252, 261, 269-270; II-2, 241
 SiHF(g)—II-1, 260, 270-272; II-2, 242
 SiCl(g)—II-1, 243-244, 258, 265, 271-273; II-2, 243
 SiCl₂(g)—II-1, 268, 273-275; II-2, 244
 SiCl₃(g)—II-1, 261, 275-276; II-2, 245
 SiCl₄(g)—II-1, 261, 276-278; II-2, 246
 SiHCl(g)—II-1, 260, 278-279; II-2, 247
 SiFCl(g)—II-1, 260, 279-280; II-2, 248
 SiBr(g)—II-1, 243-244, 258, 265, 280-281; II-2, 249
 SiBr₂(g)—II-1, 260, 281-282; II-2, 250
 SiBr₃(g)—II-1, 261, 283; II-2, 251
 SiBr₄(g)—II-1, 261, 283-284; II-2, 252
 SiI(g)—II-1, 243-244, 258, 265, 284-286; II-2, 253
 SiI₂(g)—II-1, 260, 286-287; II-2, 254
 SiI₃(g)—II-1, 261, 287-288; II-2, 255
 SiI₄(g)—II-1, 261, 288-289; II-2, 256
 SiS(cr, l)—II-1, 237, 289-290; II-2, 257
 SiS(g)—II-1, 241, 243, 244, 290-293; II-2, 258
 SiS₂(cr, l)—II-1, 237, 293-294; II-2, 259
 SiS₂(g)—II-1, 246, 294-295; II-2, 260
 SiN(g)—II-1, 241, 243-244, 295-296; II-2, 261
 Si₃N₄(cr)—II-1, 237, 297-298; II-2, 262
 SiC(cr, l)—II-1, 237, 298-300; II-2, 263
 SiC(cr, cub)—II-1, 237, 299-301; II-2, 264
 SiC(g)—II-1, 241, 243-244, 301-302; II-2, 265
 SiC₂(g)—II-1, 246, 302-304; II-2, 266
 Si₂C(g)—II-1, 246, 304-306; II-2, 267
 Ge(cr, l)—II-1, 307-311; II-2, 268
 Ge(g)—II-1, 311-312; II-2, 269-270
 Ge⁺(g)—II-1, 311-312; II-2, 271-272
 Ge₂(g)—II-1, 313-316; II-2, 273
 GeO(g)—II-1, 314-319; II-2, 274
 GeO₂(cr, l)—II-1, 308, 319-321; II-2, 275
 GeO₂(cr, hex)—II-1, 308, 321-322; II-2, 276
 GeO₂(vitr)—II-1, 308, 322-323; II-2, 277
 GeO₂(g)—II-1, 323-324; II-2, 278
 GeF(g)—II-1, 314-316, 324-325; II-2, 279
 GeF₂(g)—II-1, 323, 326-327; II-2, 280

- $\text{GeF}_3(\text{g})$ —II-1, 323, 327; II-2, 281
 $\text{GeF}_4(\text{g})$ —II-1, 323, 328; II-2, 282
 $\text{GeCl}(\text{g})$ —II-1, 314–316, 328–330; II-2, 283
 $\text{GeCl}_2(\text{g})$ —II-1, 323, 330–331; II-2, 284
 $\text{GeCl}_3(\text{g})$ —II-1, 323, 331–332; II-2, 285
 $\text{GeCl}_4(\text{g})$ —II-1, 323, 332–333; II-2, 286
 $\text{GeBr}(\text{g})$ —II-1, 314–316, 333–334; II-2, 287
 $\text{GeBr}_2(\text{g})$ —II-1, 323, 334–335; II-2, 288
 $\text{GeBr}_3(\text{g})$ —II-1, 323, 335–336; II-2, 289
 $\text{GeBr}_4(\text{g})$ —II-1, 323, 336–337; II-2, 290
 $\text{GeI}(\text{g})$ —II-1, 314–316, 337–338; II-2, 291
 $\text{GeI}_2(\text{g})$ —II-1, 323, 338–339; II-2, 292
 $\text{GeI}_3(\text{g})$ —II-1, 323, 339–340; II-2, 293
 GeI_4 —(cr, l)—II-1, 308, 340–341; II-2, 294
 $\text{GeI}_4(\text{g})$ —II-1, 323, 341–342; II-2, 295
 $\text{GeS}(\text{cr, l})$ —II-1, 308, 342–343; II-2, 296
 $\text{GeS}(\text{g})$ —II-1, 314–316, 344–345; II-2, 297
 $\text{GeS}_2(\text{cr, l})$ —II-1, 308, 345–347; II-2, 298
 $\text{GeS}_2(\text{g})$ —II-1, 323, 347–348; II-2, 299
 $\text{Sn}(\text{cr, l})$ —II-1, 350–352; II-2, 300
 $\text{Sn}(\text{g})$ —II-1, 352–353; II-2, 301–302
 $\text{Sn}^+(\text{g})$ —II-1, 353–354; II-2, 303–304
 $\text{Sn}_2(\text{g})$ —II-1, 354–358; II-2, 305
 $\text{SnO}(\text{cr, l})$ —II-1, 350, 356, 358–359; II-2, 306
 $\text{SnO}(\text{g})$ —II-1, 355–357, 359–362; II-2, 307
 $\text{SnO}_2(\text{cr, l})$ —II-1, 350, 361–364; II-2, 308
 $\text{SnO}_2(\text{g})$ —II-1, 364–365; II-2, 309
 $\text{SnF}(\text{g})$ —II-1, 355–357, 364–366; II-2, 310
 $\text{SnF}_2(\text{cr, l})$ —II-1, 350, 366–367; II-2, 311
 $\text{SnF}_2(\text{g})$ —II-1, 365, 367–368; II-2, 312
 $\text{SnF}_3(\text{g})$ —II-1, 365, 368–369; II-2, 313
 $\text{SnF}_4(\text{g})$ —II-1, 365, 369–270; II-2, 314
 $\text{SnCl}(\text{g})$ —II-1, 355–257, 370–371; II-2, 315
 $\text{SnCl}_2(\text{cr, l})$ —II-1, 350, 372–373; II-2, 316
 $\text{SnCl}_2(\text{g})$ —II-1, 365, 373–374; II-2, 317
 $\text{SnCl}_3(\text{g})$ —II-1, 365, 374–375; II-2, 318
 $\text{SnCl}_4(\text{cr, l})$ —II-1, 350–375–377; II-2, 319
 $\text{SnCl}_4(\text{g})$ —II-1, 365, 377–378; II-2, 320
 $\text{SnBr}(\text{g})$ —II-1, 355–357, 378–379; II-2, 321
 $\text{SnBr}_2(\text{cr, l})$ —II-1, 350, 379–380; II-2, 322
 $\text{SnBr}_2(\text{g})$ —II-1, 365, 380–381; II-2, 323
 $\text{SnBr}_3(\text{g})$ —II-1, 365, 381–382; II-2, 324
 $\text{SnBr}_4(\text{cr, l})$ —II-1, 350, 382–383; II-2, 325
 $\text{SnBr}_4(\text{g})$ —II-1, 365, 384; II-2, 326
 $\text{SnI}(\text{g})$ —II-1, 355–357, 384–385; II-2, 327
 $\text{SnI}_2(\text{cr, l})$ —II-1, 350, 386–387; II-2, 328
 $\text{SnI}_2(\text{g})$ —II-1, 365, 387–388; II-2, 329
 $\text{SnI}_3(\text{g})$ —II-1, 365, 388–389; II-2, 330
 $\text{SnI}_4(\text{cr, l})$ —II-1, 350, 389–390; II-2, 331
 $\text{SnI}_4(\text{g})$ —II-1, 365, 391; II-2, 332
 $\text{SnS}(\text{cr, l})$ —II-1, 350, 392–394; II-2, 233
 $\text{SnS}(\text{g})$ —II-1, 355–357, 394–396; II-2, 334
 $\text{SnS}_2(\text{cr, l})$ —II-1, 350, 396–397; II-2, 335
 $\text{SnS}_2(\text{g})$ —II-1, 365, 397–398; II-2, 336
 $\text{Pb}(\text{cr, l})$ —II-1, 400–401; II-2, 337
 $\text{Pb}(\text{g})$ —II-1, 402–403; II-2, 338–339
 $\text{Pb}^+(\text{g})$ —II-1, 403–404; II-2, 340–341
 $\text{Pb}_2(\text{g})$ —II-1, 404–409; II-2, 342
 $\text{PbO}(\text{cr, l})$ —II-1, 400, 409–412; II-2, 343
 $\text{PbO}(\text{cr, romb, yellow})$ —II-1, 400, 412–413; II-2, 344
 $\text{PbO}(\text{g})$ —II-1, 405–406, 408, 413–414; II-2, 345
 $\text{PbO}_2(\text{cr})$ —II-1, 400, 415–416; II-2, 346
 $\text{PbO}_2(\text{g})$ —II-1, 416–417; II-2, 347
 $\text{Pb}_2\text{O}_3(\text{cr})$ —II-1, 400, 417–418; II-2, 348
 $\text{Pb}_3\text{O}_4(\text{cr})$ —II-1, 400, 418–419; II-2, 349
 $\text{PbF}(\text{g})$ —II-1, 405–406, 408, 419–421; II-2, 350
 $\text{PbF}_2(\text{cr, l})$ —II-1, 400, 421–424; II-2, 351
 $\text{PbF}_2(\text{g})$ —II-1, 417, 424–425; II-2, 352
 $\text{PbF}_3(\text{g})$ —II-1, 417, 425; II-2, 353
 $\text{PbF}_4(\text{g})$ —II-1, 417, 426–427; II-2, 354
 $\text{PbCl}(\text{g})$ —II-1, 405–406, 408, 427–428; II-2, 355
 $\text{PbCl}_2(\text{cr, l})$ —II-1, 400, 428–431; II-2, 356
 $\text{PbCl}_2(\text{g})$ —II-1, 417, 430–432; II-2, 367
 $\text{PbCl}_3(\text{g})$ —II-1, 417, 432; II-2, 358
 $\text{PbCl}_4(\text{g})$ —II-1, 417, 433; II-2, 359
 $\text{PbBr}(\text{g})$ —II-1, 405–406, 408, 434–435; II-2, 360
 $\text{PbBr}_2(\text{cr, l})$ —II-1, 400, 435–437; II-2, 361
 $\text{PbBr}_2(\text{g})$ —II-1, 417, 437–438; II-2, 362
 $\text{PbBr}_3(\text{g})$ —II-1, 417, 438–439; II-2, 363
 $\text{PbBr}_4(\text{g})$ —II-1, 417, 439–440; II-2, 364
 $\text{PbI}(\text{g})$ —II-1, 405–406, 408, 440–441; II-2, 365
 $\text{PbI}_2(\text{cr, l})$ —II-1, 400, 441–443; II-2, 366
 $\text{PbI}_2(\text{g})$ —II-1, 417, 443–444; II-2, 367
 $\text{PbI}_3(\text{g})$ —II-1, 417, 444; II-2, 368
 $\text{PbI}_4(\text{g})$ —II-1, 417, 445; II-2, 369
 $\text{PbS}(\text{cr, l})$ —II-1, 400, 445–448; II-2, 370
 $\text{PbS}(\text{g})$ —II-1, 405–406, 408, 448–450; II-2, 371
 $\text{PbS}_2(\text{g})$ —II-1, 417, 450; II-2, 372

(Volume 3)

- B(cr, l)—III-1, 2-5; III-2, 1
B(am)—III-1, 3-4, 6; III-2, 2
B(g)—III-1, 6-7; III-2, 3-4
B⁺(g)—III-1, 7-8; III-2, 5-6
B₂(g)—III-1, 8-10; III-2, 7
BO(g)—III-1, 9-13; III-2, 8-9
BO⁻(g)—III-1, 9, 11, 13-14; III-2, 10
BO₂(g)—III-1, 14-17; III-2, 11-12
BO₂⁻(g)—III-1, 16, 18-20; III-2, 13
B₂O(g)—III-1, 18-19; III-2, 14
B₂O₂(g)—III-1, 18-19, 21-22; III-2, 15
B₂O₃(cr, l)—III-1, 3, 21-24; III-2, 16
B₂O₃(vitr)—III-1, 3, 23-25; III-2, 17
B₂O₃(g)—III-1, 25-28; III-2, 18
BH(g)—III-1, 28-32; III-2, 19
BH₂(g)—III-1, 32-34; III-2, 20
BH₃(g)—III-1, 34-37; III-2, 21
B₂H₆(g)—III-1, 37-40; III-2, 22
HBO(g)—III-1, 18, 39, 41; III-2, 23
BOH(g)—III-1, 18, 41; III-2, 24
HBO₂(cr, l)—III-1, 3, 41-42; III-2, 25
HBO₂(g)—III-1, 42-45; III-2, 26
HBOH(g)—III-1, 43-44; III-2, 27
B(OH)₂(g)—III-1, 26, 46; III-2, 28
H₂BOH(g)—III-1, 26, 46-47; III-2, 29
HB(OH)₂(g)—III-1, 47-49; III-2, 30
H₃BO₃(cr, l)—III-1, 3, 48-51; III-2, 31
H₃BO₃(g)—III-1, 49, 50, 52; III-2, 32
B₂(OH)₄(g)—III-1, 49, 52-53; III-2, 33
H₃B₃O₃(g)—III-1, 49, 53-55; III-2, 34
H₃B₃O₆(g)—III-1, 38, 55-57; III-2, 35
BF(g)—III-1, 29, 31, 56, 58-59; III-2, 36
BF₂(g)—III-1, 33, 58-61; III-2, 37
BF₂⁻(g)—III-1, 33, 60, 62; III-2, 38
BF₃(g)—III-1, 35, 62-63; III-2, 39
BF₄⁻(g)—III-1, 35, 63-64; III-2, 40
B₂F₄(g)—III-1, 49, 64-65; III-2, 41
FBO(g)—III-1, 18, 65-66; III-2, 42
F₂BO(g)—III-1, 43, 66-67; III-2, 43
F₃B₃O₃(g)—III-1, 49, 67-68; III-2, 44
BHF(g)—III-1, 33, 68-69; III-2, 45
BH₂F(g)—III-1, 35, 69; III-2, 46
BHF₂(g)—III-1, 35, 69-70; III-2, 47
FBOH(g)—III-1, 43, 71; III-2, 48
FB(OH)₂(g)—III-1, 49, 71-72; III-2, 49
F₂BOH(g)—III-1, 26, 72-73; III-2, 50
BCl(g)—III-1, 29, 31, 73-75; III-2, 51
BCl₂(g)—III-1, 33, 74-76; III-2, 52
BCl₃(g)—III-1, 35, 76-78; III-2, 53
B₂Cl₄(g)—III-1, 26, 77-79; III-2, 54
ClBO(g)—III-1, 18, 79; III-2, 55
Cl₂BO(g)—III-1, 43, 79-80; III-2, 56
Cl₃B₃O₃(g)—III-1, 49, 80-81; III-2, 57
BHCl(g)—III-1, 33, 81-82; III-2, 58
BH₂Cl(g)—III-1, 35, 82; III-2, 59
BHCl₂(g)—III-1, 35, 82-84; III-2, 60
ClBOH(g)—III-1, 43, 83-85; III-2, 61
ClB(OH)₂(g)—III-1, 49, 85; III-2, 62
Cl₂BOH(g)—III-1, 26, 86; III-2, 63
BFCl(g)—III-1, 33, 86-87; III-2, 64
BF₂Cl(g)—III-1, 35, 87-88; III-2, 65
BFCl₂(g)—III-1, 35, 88-89; III-2, 66
F₂ClB₃O₃(g)—III-1, 38, 89; III-2, 67
FCl₂B₃O₃(g)—III-1, 38, 89-90; III-2, 68
BHFC(g)—III-1, 35, 90-91; III-2, 69
BBr(g)—III-1, 29, 31, 91-92; III-2, 70
BBr₂(g)—III-1, 33, 92-93; III-2, 71
BBr₃(g)—III-1, 35, 93-94; III-2, 72

- BI(g)—III-1, 29, 31, 94-95; III-2, 73
 BI₂(g)—III-1, 33, 95-96; III-2, 74
 BI₃(g)—III-1, 35, 96-97; III-2, 75
 BS(g)—III-1, 9, 11, 97-99; III-2, 76
 BS₂(g)—III-1, 18, 99-100; III-2, 77
 B₂S(g)—III-1, 18, 100; III-2, 78
 B₂S₂(g)—III-1, 18, 100-101; III-2, 79
 B₂S₃(cr, l)—III-1, 3, 101-102; III-2, 80
 B₂S₃(g)—III-1, 26, 102-103; III-2, 81
 BN(cr, l)—III-1, 3, 103-104; III-2, 82
 BN(g)—III-1, 9, 11, 104-106; III-2, 83
 BH₃NH₃(g)—III-1, 49, 106-107; III-2, 84
 B₃N₃H₆(g)—III-1, 38, 107-108; III-2, 85
 BC(g)—III-1, 9, 11, 108-109; III-2, 86
 BC₂(g)—III-1, 18, 109-110; III-2, 87
 B₂C(g)—III-1, 18, 110-111; III-2, 88
 B₄C(cr)—III-1, 3, 111-112; III-2, 89
 Al(cr, l)—III-1, 114-117; III-2, 90
 Al(g)—III-1, 117-118; III-2, 91-92
 Al⁺(g)—III-1, 117-118; III-2, 93-94
 Al₂(g)—III-1, 118-122; III-2, 95
 AlO(g)—III-1, 122-125; III-2, 96-97
 AlO⁻(g)—III-1, 119, 121, 125-126; III-2, 98
 AlO₂(g)—III-1, 126-128; III-2, 99
 AlO₂⁻(g)—III-1, 127-129; III-2, 100
 Al₂O(g)—III-1, 127, 129-131; III-2, 101
 Al₂O₂(g)—III-1, 131-133; III-2, 102
 Al₂O₃(cr, l)—III-1, 115, 134-135; III-2, 103
 γ-Al₂O₃(cr)—III-1, 115, 135-136; III-2, 104
 Al₂O₃(g)—III-1, 137-139; III-2, 105
 AlH(g)—III-1, 139-142; III-2, 106
 AlH₂(g)—III-1, 142-144; III-2, 107
 AlH₃(cr)—III-1, 115, 144-145; III-2, 108
 AlH₃(g)—III-1, 145-146; III-2, 109
 AlOH(g)—III-1, 127, 146-147; III-2, 110
 HAlO(g)—III-1, 127, 147-148; III-2, 111
 HAlO₂(g)—III-1, 132, 148-149; III-2, 112
 Al(OH)₂(g)—III-1, 138, 149; III-2, 113
 Al(OH)₃(cr)—III-1, 115, 150; III-2, 114
 Al(OH)₃(g)—III-1, 138, 150-151; III-2, 115
 AlF(g)—III-1, 139, 141, 151-153; III-2, 116
 AlF₂(g)—III-1, 143, 153-154; III-2, 117
 AlF₂⁻(g)—III-1, 143, 154-156; III-2, 118
 AlF₃(cr)—III-1, 115, 156-157; III-2, 119
 AlF₃(g)—III-1, 145, 157-159; III-2, 120
 AlF₄⁻(g)—III-1, 145, 159-160; III-2, 121
 Al₂F₆(g)—III-1, 160-162; III-2, 122
 FAlO(g)—III-1, 127, 163; III-2, 123
 F₂AlO(g)—III-1, 132, 164; III-2, 124
 AlHF(g)—III-1, 143, 164-165; III-2, 125
 AlH₂F(g)—III-1, 145, 165-166; III-2, 126
 AlHF₂(g)—III-1, 145, 166; III-2, 127
 FAlOH(g)—III-1, 132, 166-167; III-2, 128
 FAl(OH)₂(g)—III-1, 138, 167-168; III-2, 129
 F₂AlOH(g)—III-1, 138, 168; III-2, 130
 AlCl(g)—III-1, 139, 141, 168-171; III-2, 131
 AlCl₂(g)—III-1, 143, 171-172; III-2, 132
 AlCl₃(cr, l)—III-1, 115, 172-173; III-2, 133
 AlCl₃(g)—III-1, 145, 173-175; III-2, 134
 Al₂Cl₆(g)—III-1, 161, 175-176; III-2, 135
 ClAlO(g)—III-1, 127, 176-178; III-2, 136
 Cl₂AlO(g)—III-1, 132, 178; III-2, 137
 AlHCl(g)—III-1, 143, 178-179; III-2, 138
 AlH₂Cl(g)—III-1, 145, 179; III-2, 139
 AlHCl₂(g)—III-1, 145, 179-180; III-2, 140
 ClAlOH(g)—III-1, 132, 180; III-2, 141
 ClAl(OH)₂(g)—III-1, 138, 181; III-2, 142
 Cl₂AlOH(g)—III-1, 138, 181-182; III-2, 143
 AlFCl(g)—III-1, 143, 182; III-2, 144
 AlF₂Cl(g)—III-1, 145, 182-183; III-2, 145
 AlFCl₂(g)—III-1, 145, 183-184; III-2, 146
 AlHFCl(g)—III-1, 145, 184; III-2, 147
 AlBr(g)—III-1, 139, 141, 184-186; III-2, 148
 AlBr₂(g)—III-1, 143, 186-187; III-2, 149
 AlBr₃(cr, l)—III-1, 115, 187-188; III-2, 150
 AlBr₃(g)—III-1, 145, 188-190; III-2, 151
 Al₂Br₆(g)—III-1, 161, 190-191; III-2, 152
 AlI(g)—III-1, 139, 141, 191-193; III-2, 153
 AlI₂(g)—III-1, 143, 193; III-2, 154
 AlI₃(cr, l)—III-1, 115, 193-195; III-2, 155
 AlI₃(g)—III-1, 145, 195-196; III-2, 156
 Al₂I₆(g)—III-1, 161, 196-197; III-2, 157
 AlS(g)—III-1, 119, 121, 197-198; III-2, 158
 AlS₂(g)—III-1, 127, 198-199; III-2, 159
 Al₂S(g)—III-1, 127, 199-200; III-2, 160
 Al₂S₂(g)—III-1, 132, 200-201; III-2, 161
 Al₂S₃(cr, l)—III-1, 115, 201-202; III-2, 162
 AlN(cr, l)—III-1, 115, 202-204; III-2, 163
 AlN(g)—III-1, 119, 121, 204-205; III-2, 164
 AlC(g)—III-1, 119, 121, 205-206; III-2, 165
 AlC₂(g)—III-1, 127, 206; III-2, 166
 Al₂C₂(g)—III-1, 132, 206-207; III-2, 167
 Al₄C₃(cr)—III-1, 115, 207-208; III-2, 168
 Ga(cr, l)—III-1, 209-211; III-2, 169
 Ga(g)—III-1, 212-213; III-2, 170-171
 Ga⁺(g)—III-1, 213-214; III-2, 172-173

- GaO(g)—III-1, 214-217; III-2, 174
 Ga₂O(g)—III-1, 216, 218-219; III-2, 175
 Ga₂O₃(cr, l)—III-1, 211, 219-221; III-2, 176
 GaH(g)—III-1, 215, 217, 220-222; III-2, 177
 GaOH(g)—III-1, 218, 222-224; III-2, 178
 GaF(g)—III-1, 215, 217, 224-225; III-2, 179
 GaF₂(g)—III-1, 218, 225-226; III-2, 180
 GaF₃(cr)—III-1, 211, 226-227; III-2, 181
 GaF₃(g)—III-1, 218, 226-227; III-2, 182
 Ga₂F₂(g)—III-1, 218, 228; III-2, 183
 Ga₂F₄(g)—III-1, 228-230; III-2, 184
 Ga₂F₆(g)—III-1, 229-231; III-2, 185
 GaCl(g)—III-1, 215, 217, 231-233; III-2, 186
 GaCl₂(g)—III-1, 218, 232, 234; III-2, 187
 GaCl₃(cr, l)—III-1, 211, 234-236; III-2, 188
 GaCl₃(g)—III-1, 218, 235-236; III-2, 189
 Ga₂Cl₂(g)—III-1, 218, 237; III-2, 190
 Ga₂Cl₄(g)—III-1, 229, 237-238; III-2, 191
 Ga₂Cl₆(g)—III-1, 229, 238-240; III-2, 192
 GaBr(g)—III-1, 215, 217, 239-241; III-2, 193
 GaBr₂(g)—III-1, 218, 241-242; III-2, 194
 GaBr₃(cr, l)—III-1, 211, 242-243; III-2, 195
 GaBr₃(g)—III-1, 218, 243-244; III-2, 196
 Ga₂Br₂(g)—III-1, 218, 244-245; III-2, 197
 Ga₂Br₄(g)—III-1, 229, 245-246; III-2, 198
 Ga₂Br₆(g)—III-1, 229, 246-247; III-2, 199
 GaI(g)—III-1, 215, 217, 247-249; III-2, 200
 GaI₂(g)—III-1, 218, 249; III-2, 201
 GaI₃(cr, l)—III-1, 211, 249-251; III-2, 202
 GaI₃(g)—III-1, 218, 250-252; III-2, 203
 Ga₂I₂(g)—III-1, 218, 252; III-2, 204
 Ga₂I₄(g)—III-1, 229, 253; III-2, 205
 Ga₂I₆(g)—III-1, 229, 253-254; III-2, 206
 In(cr, l)—III-1, 255-259; III-2, 207
 In(g)—III-1, 258, 260; III-2, 208-209
 In⁺(g)—III-1, 260-261; III-2, 210-211
 InO(g)—III-1, 261-264; III-2, 212
 In₂O(g)—III-1, 264-267; III-2, 213
 In₂O₃(cr, l)—III-1, 256, 267-269; III-2, 214
 InH(g)—III-1, 262-263, 269-271; III-2, 215
 InOH(g)—III-1, 265, 271-272; III-2, 216
 InF(g)—III-1, 262-263, 272-274; III-2, 217
 InF₂(g)—III-1, 265, 274; III-2, 218
 InF₃(cr, l)—III-1, 256, 274-276; III-2, 219
 InF₃(g)—III-1, 265, 276; III-2, 220
 In₂F₂(g)—III-1, 265, 276-277; III-2, 221
 In₂F₄(g)—III-1, 277-279; III-2, 222
 In₂F₆(g)—III-1, 278-279; III-2, 223
 InCl(cr, l)—III-1, 256, 280-281; III-2, 224
 InCl(g)—III-1, 262-263, 281-283; III-2, 225
 InCl₂(g)—III-1, 265, 283-284; III-2, 226
 InCl₃(cr, l)—III-1, 256, 284-286; III-2, 227
 InCl₃(g)—III-1, 265, 286; III-2, 228
 In₂Cl₂(g)—III-1, 265, 287; III-2, 229
 In₂Cl₄(g)—III-1, 278, 287-288; III-2, 230
 In₂Cl₆(g)—III-1, 278, 288-289; III-2, 231
 InBr(cr, l)—III-1, 256, 289-291; III-2, 232
 InBr(g)—III-1, 262-263, 291; III-2, 233
 InBr₂(g)—III-1, 265, 292; III-2, 234
 InBr₃(cr, l)—III-1, 256, 292-293; III-2, 235
 InBr₃(g)—III-1, 265, 294; III-2, 236
 In₂Br₂(g)—III-1, 265, 294-295; III-2, 237
 In₂Br₄(g)—III-1, 278, 295-296; III-2, 238
 In₂Br₆(g)—III-1, 278, 296; III-2, 239
 InI(cr, l)—III-1, 256, 296-298; III-2, 240
 InI(g)—III-1, 262, 263, 298-299; III-2, 241
 InI₂(cr, l)—III-1, 256, 299-300; III-2, 242
 InI₂(g)—III-1, 265, 300-301; III-2, 243
 InI₃(cr, l)—III-1, 256, 301-303; III-2, 244
 InI₃(g)—III-1, 265, 302-303; III-2, 245
 In₂I₂(g)—III-1, 265, 303-304; III-2, 246
 In₂I₄(g)—III-1, 278, 304-305; III-2, 247
 In₂I₆(g)—III-1, 278, 305-306; III-2, 248
 Tl(cr, l)—III-1, 307-311; III-2, 249
 Tl(g)—III-1, 311; III-2, 250-251
 Tl⁺(g)—III-1, 311-312; III-2, 252-253
 TlO(g)—III-1, 312-315; III-2, 254
 Tl₂O(cr, l)—III-1, 308, 315-317; III-2, 255
 Tl₂O(g)—III-1, 317-319; III-2, 256
 Tl₃O₃(cr, l)—III-1, 308, 319; III-2, 257
 TlH(g)—III-1, 313-314, 320-321; III-2, 258
 TlOH(g)—III-1, 317, 321-322; III-2, 259
 TlF(cr, l)—III-1, 308, 322-324; III-2, 260
 TlF(g)—III-1, 313-314, 323-325; III-2, 261
 Tl₂F₂(g)—III-1, 317, 325-326; III-2, 262
 TlCl(cr, l)—III-1, 308, 326-328; III-2, 263
 TlCl(g)—III-1, 313-314, 328-330; III-2, 264
 Tl₂Cl₂(g)—III-1, 317, 330-331; III-2, 265
 TlBr(cr, l)—III-1, 308, 331-334; III-2, 266
 TlBr(g)—III-1, 313-314, 334-335; III-2, 267
 Tl₂Br₂(g)—III-1, 317, 335-336; III-2, 268
 TlI(cr, l)—III-1, 308, 336-338; III-2, 269
 TlI(g)—III-1, 313-314, 337-339; III-2, 270
 Tl₂I₂(g)—III-1, 317, 339-340; III-2, 271
 Be(cr, l)—III-1, 342-344; III-2, 272
 Be(g)—III-1, 344-345; III-2, 273-274

- $\text{Be}^+(\text{g})$ —III-1, 345-346; III-2, 275-276
 $\text{Be}_2(\text{g})$ —III-1, 346-348; III-2, 277
 $\text{BeO}(\text{cr, l})$ —III-1, 343, 348-351; III-2, 278-279
 $\text{BeO}(\text{g})$ —III-1, 347-348, 351-353; III-2, 280-281
 $\text{Be}_2\text{O}(\text{g})$ —III-1, 353-354; III-2, 282
 $\text{Be}_2\text{O}_2(\text{g})$ —III-1, 354-355; III-2, 283
 $\text{Be}_3\text{O}_3(\text{g})$ —III-1, 354-356; III-2, 284
 $\text{Be}_4\text{O}_4(\text{g})$ —III-1, 354, 356; III-2, 285
 $\text{BeH}(\text{g})$ —III-1, 347-348, 356-357; III-2, 286
 $\text{BeH}_2(\text{am})$ —III-1, 343, 357-358; III-2, 287
 $\text{BeOH}(\text{g})$ —III-1, 353, 358-359; III-2, 288
 $\text{Be}(\text{OH})_2(\text{cr})$ —III-1, 343, 359-360; III-2, 289
 $\text{Be}(\text{OH})_2(\text{g})$ —III-1, 354, 360-363; III-2, 290
 $\text{BeF}(\text{g})$ —III-1, 347-348, 363-364; III-2, 291
 $\text{BeF}_2(\text{cr, l})$ —III-1, 343, 364-366; III-2, 292
 $\text{BeF}_2(\text{g})$ —III-1, 353, 366-368; III-2, 293
 $\text{Be}_2\text{F}_4(\text{g})$ —III-1, 354, 368-369; III-2, 294
 $\text{BeCl}(\text{g})$ —III-1, 347-348, 369-370; III-2, 295
 $\text{BeCl}_2(\text{cr, l})$ —III-1, 343, 370-372; III-2, 296
 $\beta\text{-BeCl}_2(\text{cr})$ —III-1, 353, 372-373; III-2, 297
 $\text{BeCl}_2(\text{g})$ —III-1, 353, 373-374; III-2, 298
 $\text{Be}_2\text{Cl}_4(\text{g})$ —III-1, 354, 374-375; III-2, 299
 $\text{BeBr}(\text{g})$ —III-1, 347-348, 374-376; III-2, 300
 $\text{BeBr}_2(\text{cr, l})$ —III-1, 343, 376-377; III-2, 301
 $\text{BeBr}_2(\text{g})$ —III-1, 353, 377-378; III-2, 302
 $\text{BeI}(\text{g})$ —III-1, 347-348, 378-379; III-2, 303
 $\text{BeI}_2(\text{cr, l})$ —III-1, 343, 379-380; III-2, 304
 $\text{BeI}_2(\text{g})$ —III-1, 353, 380-381; III-2, 305
 $\text{BeS}(\text{cr})$ —III-1, 343, 381; III-2, 306
 $\text{BeS}(\text{g})$ —III-1, 347-348, 381-382; III-2, 307
 $\text{BeSO}_4(\text{cr, l})$ —III-1, 343, 383-384; III-2, 308
 $\text{Be}_3\text{N}_2(\text{cr, l})$ —III-1, 343, 384-385; III-2, 309
 $\text{BeCO}_3(\text{cr})$ —III-1, 343, 385-386; III-2, 310
 $\text{Mg}(\text{cr, l})$ —III-1, 388-391; III-2, 311
 $\text{Mg}(\text{g})$ —III-1, 391-392; III-2, 312-313
 $\text{Mg}^+(\text{g})$ —III-1, 391-393; III-2, 314-315
 $\text{Mg}_2(\text{g})$ —III-1, 393-397; III-2, 316
 $\text{MgO}(\text{cr, l})$ —III-1, 389, 397-398; III-2, 317
 $\text{MgO}(\text{g})$ —III-1, 394-396, 398-401; III-2, 318-319
 $\text{MgH}(\text{g})$ —III-1, 394-396, 401-402; III-2, 320
 $\text{MgH}_2(\text{cr, l})$ —III-1, 389, 402-404; III-2, 321
 $\text{MgOH}(\text{g})$ —III-1, 404-405; III-2, 322
 $\text{Mg}(\text{OH})_2(\text{cr})$ —III-1, 389, 405-407; III-2, 323
 $\text{Mg}(\text{OH})_2(\text{g})$ —III-1, 404, 407-408; III-2, 324
 $\text{MgF}(\text{g})$ —III-1, 394-396, 408-409; III-2, 325
 $\text{MgF}_2(\text{cr, l})$ —III-1, 389, 410-411; III-2, 326
 $\text{MgF}_2(\text{g})$ —III-1, 404, 411-412; III-2, 327
 $\text{MgCl}(\text{g})$ —III-1, 395-396, 412-414; III-2, 328
 $\text{MgCl}_2(\text{cr, l})$ —III-1, 389, 413-416; III-2, 329
 $\text{MgCl}_2(\text{g})$ —III-1, 404, 416-417; III-2, 330
 $\text{MgBr}(\text{g})$ —III-1, 395-396, 417-418; III-2, 331
 $\text{MgBr}_2(\text{cr, l})$ —III-1, 389, 418-419; III-2, 332
 $\text{MgBr}_2(\text{g})$ —III-1, 404, 419-420; III-2, 333
 $\text{MgI}(\text{g})$ —III-1, 395-396, 420-422; III-2, 334
 $\text{MgI}_2(\text{cr, l})$ —III-1, 389, 422-423; III-2, 335
 $\text{MgI}_2(\text{g})$ —III-1, 404, 423; III-2, 336
 $\text{MgS}(\text{cr, l})$ —III-1, 389, 424-425; III-2, 337
 $\text{MgS}(\text{g})$ —III-1, 395-396, 424-426; III-2, 338
 $\text{MgSO}_4(\text{cr, l})$ —III-1, 389, 426-428; III-2, 339
 $\text{Mg}_3\text{N}_2(\text{cr})$ —III-1, 389, 427, 429-430; III-2, 340
 $\text{MgCO}_3(\text{cr, l})$ —III-1, 389, 429-431; III-2, 341
 $\text{Ca}(\text{cr, l})$ —III-1, 433-437; III-2, 342
 $\text{Ca}(\text{g})$ —III-1, 436, 438; III-2, 343-344
 $\text{Ca}^+(\text{g})$ —III-1, 438-439; III-2, 345-346
 $\text{Ca}_2(\text{g})$ —III-1, 439-442; III-2, 347
 $\text{CaO}(\text{cr, l})$ —III-1, 435, 442-443; III-2, 348
 $\text{CaO}(\text{g})$ —III-1, 440-441, 443-446; III-2, 349-350
 $\text{CaO}^+(\text{g})$ —III-1, 440-441, 445, 447; III-2, 351-352
 $\text{CaH}(\text{g})$ —III-1, 440-441, 447-449; III-2, 353
 $\text{CaH}_2(\text{cr, l})$ —III-1, 435, 449-451; III-2, 354
 $\text{CaOH}(\text{g})$ —III-1, 451-452; III-2, 355
 $\text{CaOH}^+(\text{g})$ —III-1, 451-454; III-2, 356
 $\text{Ca}(\text{OH})_2(\text{cr, l})$ —III-1, 435, 454-455; III-2, 357
 $\text{Ca}(\text{OH})_2(\text{g})$ —III-1, 451, 455-456; III-2, 358
 $\text{CaF}(\text{g})$ —III-1, 456-461; III-2, 359
 $\text{CaF}^+(\text{g})$ —III-1, 457, 459-461; III-2, 360
 $\text{CaF}_2(\text{cr, l})$ —III-1, 435, 461-462; III-2, 361
 $\text{CaF}_2(\text{g})$ —III-1, 451, 462-464; III-2, 362
 $\text{CaCl}(\text{g})$ —III-1, 457, 459, 464-468; III-2, 363
 $\text{CaCl}^+(\text{g})$ —III-1, 457, 459, 466-467; III-2, 364
 $\text{CaCl}_2(\text{cr, l})$ —III-1, 435, 467-470; III-2, 365
 $\text{CaCl}_2(\text{g})$ —III-1, 451, 470-471; III-2, 366
 $\text{CaBr}(\text{g})$ —III-1, 457, 459, 471-473; III-2, 367
 $\text{CaBr}_2(\text{cr, l})$ —III-1, 435, 473-474; III-2, 368
 $\text{CaBr}_2(\text{g})$ —III-1, 451, 471, 474; III-2, 369
 $\text{CaI}(\text{g})$ —III-1, 457, 459, 474-476; III-2, 370
 $\text{CaI}_2(\text{cr, l})$ —III-1, 435, 476-477; III-2, 371
 $\text{CaI}_2(\text{g})$ —III-1, 451, 477-478; III-2, 372
 $\text{CaS}(\text{cr, l})$ —III-1, 435, 478-479; III-2, 373
 $\text{CaS}(\text{g})$ —III-1, 440-441, 480; III-2, 374
 $\text{CaSO}_4(\text{cr, l})$ —III-1, 435, 481-483; III-2, 375
 $\text{CaCO}_3(\text{cr, l})$ —III-1, 435, 483-484; III-2, 376
 $\text{Sr}(\text{cr, l})$ —III-1, 485-489; III-2, 377
 $\text{Sr}(\text{g})$ —III-1, 489-490; III-2, 378-379

- $\text{Sr}^+(\text{g})$ —III-1, 489, 491; III-2, 380–381
 $\text{Sr}_2(\text{g})$ —III-1, 491–494; III-2, 382
 $\text{SrO}(\text{cr, l})$ —III-1, 487, 494–495; III-2, 383
 $\text{SrO}(\text{g})$ —III-1, 492–493, 495–499; III-2, 384–385
 $\text{SrO}^+(\text{g})$ —III-1, 492–493, 497, 499; III-2, 386–387
 $\text{SrH}(\text{g})$ —III-1, 492–493, 499–501; III-2, 388
 $\text{SrH}_2(\text{cr, l})$ —III-1, 487, 501–502; III-2, 389
 $\text{SrOH}(\text{g})$ —III-1, 502–503; III-2, 390
 $\text{SrOH}^+(\text{g})$ —III-1, 502–504; III-2, 391
 $\text{Sr}(\text{OH})_2(\text{cr, l})$ —III-1, 487, 505–506; III-2, 392
 $\text{Sr}(\text{OH})_2(\text{g})$ —III-1, 502, 506–507; III-2, 393
 $\text{SrF}(\text{g})$ —III-1, 507–512; III-2, 394
 $\text{SrF}^+(\text{g})$ —III-1, 508, 510–512; III-2, 395
 $\text{SrF}_2(\text{cr, l})$ —III-1, 487, 513–514; III-2, 396
 $\text{SrF}_2(\text{g})$ —III-1, 502, 514–515; III-2, 397
 $\text{SrCl}(\text{g})$ —III-1, 508, 510, 515–518; III-2, 398
 $\text{SrCl}^+(\text{g})$ —III-1, 508, 510, 516–518; III-2, 399
 $\text{SrCl}_2(\text{cr, l})$ —III-1, 487, 518–520; III-2, 400
 $\text{SrCl}_2(\text{g})$ —III-1, 471, 502, 520–522; III-2, 401
 $\text{SrBr}(\text{g})$ —III-1, 508, 510, 522–523; III-2, 402
 $\text{SrBr}_2(\text{cr, l})$ —III-1, 487, 523–525; III-2, 403
 $\text{SrBr}_2(\text{g})$ —III-1, 471, 502, 524–525; III-2, 404
 $\text{SrI}(\text{g})$ —III-1, 509–510, 526–527; III-2, 405
 $\text{SrI}_2(\text{cr, l})$ —III-1, 487, 527; III-2, 406
 $\text{SrI}_2(\text{g})$ —III-1, 502, 528; III-2, 407
 $\text{SrS}(\text{cr, l})$ —III-1, 487, 528–529; III-2, 408
 $\text{SrS}(\text{g})$ —III-1, 492–493, 529–531; III-2, 409
 $\text{SrSO}_4(\text{cr, l})$ —III-1, 487, 531–533; III-2, 410
 $\text{SrCO}_3(\text{cr, l})$ —III-1, 487, 532–535; III-2, 411
 $\text{Ba}(\text{cr, l})$ —III-1, 539–542; III-2, 412
 $\text{Ba}(\text{g})$ —III-1, 541–545; III-2, 413–414
 $\text{Ba}^+(\text{g})$ —III-1, 544–545; III-2, 415–416
 $\text{Ba}_2^+(\text{aq})$ —III-1, 538
 $\text{Ba}_2(\text{g})$ —III-1, 545–548; III-2, 417
 $\text{BaO}(\text{cr, l})$ —III-1, 540, 547, 549–550; III-2, 418
 $\text{BaO}(\text{g})$ —III-1, 546, 548, 550–554; III-2, 419–420
 $\text{BaO}^+(\text{g})$ —III-1, 546, 548, 552–554; III-2, 421–422
 $\text{BaH}(\text{g})$ —III-1, 546, 548, 554–556; III-2, 423
 $\text{BaH}_2(\text{cr, l})$ —III-1, 540, 556–557; III-2, 424
 $\text{BaOH}(\text{g})$ —III-1, 557–559; III-2, 425
 $\text{BaOH}^+(\text{g})$ —III-1, 557–558, 560; III-2, 426
 $\text{Ba}(\text{OH})_2(\text{cr, l})$ —III-1, 540, 558–561; III-2, 427
 $\text{Ba}(\text{OH})_2(\text{g})$ —III-1, 557, 561–562; III-2, 428
 $\text{BaF}(\text{g})$ —III-1, 562–566; III-2, 429
 $\text{BaF}^+(\text{g})$ —III-1, 563, 565–567; III-2, 430
 $\text{BaF}_2(\text{cr, l})$ —III-1, 540, 567–569; III-2, 431
 $\text{BaF}_2(\text{g})$ —III-1, 557, 569–570; III-2, 432
 $\text{BaCl}(\text{g})$ —III-1, 563, 565, 570–573; III-2, 433
 $\text{BaCl}^+(\text{g})$ —III-1, 563, 565, 572–574; III-2, 434
 $\text{BaCl}_2(\text{cr, l})$ —III-1, 540, 574–575; III-2, 435
 $\text{BaCl}_2(\text{g})$ —III-1, 471, 557, 575–576; III-2, 436
 $\text{BaBr}(\text{g})$ —III-1, 563, 565, 576; III-2, 437
 $\text{BaBr}_2(\text{cr, l})$ —III-1, 540, 578–580; III-2, 438
 $\text{BaBr}_2(\text{g})$ —III-1, 471, 557, 579–580; III-2, 439
 $\text{BaI}(\text{g})$ —III-1, 564–565, 581–582; III-2, 440
 $\text{BaI}_2(\text{cr, l})$ —III-1, 540, 582–583; III-2, 441
 $\text{BaI}_2(\text{g})$ —III-1, 557, 584; III-2, 442
 $\text{BaS}(\text{cr, l})$ —III-1, 540, 584–586; III-2, 443
 $\text{BaS}(\text{g})$ —III-1, 546, 548, 585–587; III-2, 444
 $\text{BaSO}_4(\text{cr, l})$ —III-1, 540, 587–588; III-2, 445
 $\text{BaCO}_3(\text{cr, l})$ —III-1, 540, 588–590; III-2, 446

(Volume 4)

Zn(cr, l)	Cu(g)	CuI(cr, l)	Fe ₂ O ₃ (cr, l)
Zn(g)	Cu ⁺ (g)	CuI(g)	α-Fe ₂ O ₃ (cr)
Zn ⁺ (g)	Cu ⁺ (a,q)	CuI ₂ (g)	Fe ₃ O ₄ (cr)
Zn ₂ ⁺ (ag)	Cu ₂ ⁺ (a,q)	Cu ₂ I ₂ (g)	FeH(g)
ZnO(cr, l)	Cu ₂ (g)	Cu ₃ I ₃ (g)	FeOH(g)
ZnO(g)	CuO(cr, l)	Cu ₄ I ₄ (g)	FeOOH(cr)
ZnH(g)	CuO(g)	Cu ₅ Cl ₅ (g)	FeOOH(g)
ZnOH(g)	Cu ₂ O(cr, l)	CuBr(cr, l)	Fe(OH) ₂ (cr)
Zn(OH) ₂ (cr, l)	CuH(g)	CuBr(g)	Fe(OH) ₂ (g)
Zn(OH) ₂ (g)	CuOH(g)	CuBr ₂ (cr, l)	Fe(OH) ₃ (cr)
ZnF(g)	Cu(OH) ₂ (cr, l)	CuBr ₂ (g)	FeF(g)
ZnF ₂ (cr, l)	CuF(cr, l)	Cu ₂ Br ₂ (g)	FeF ₂ (cr, l)
ZnF ₂ (g)	CuF(g)	Cu ₃ Br ₃ (cr, l)	FeF ₂ (g)
Zn ₂ F ₄ (g)	CuF ₂ (cr, l)	CuI(cr, l)	FeF ₃ (cr, l)
ZnCl(g)	CuF ₂ (g)	CuI(g)	FeF ₃ (g)
ZnCl ₂ (cr, l)	Cu ₂ F ₂ (g)	CuI ₂ (g)	Fe ₂ F ₄ (g)
ZnCl ₂ (g)	Cu ₃ F ₃ (g)	Cu ₂ I ₂ (g)	Fe ₂ F ₆ (g)
Zn ₂ Cl ₄ (g)	Cu ₄ F ₄ (g)	Cu ₃ I ₃ (g)	FeCl(g)
ZnBr(g)	CuCl(cr, l)	Cu ₄ I ₄ (g)	FeCl ₂ (cr, l)
ZnBr ₂ (cr, l)	CuCl(g)	CuS(cr, l)	FeCl ₂ (g)
ZnBr ₂ (g)	CuCl ₂ (cr, l)	CuS(g)	FeCl ₃ (cr, l)
Zn ₂ Br ₄ (g)	CuCl ₂ (g)	Cu ₂ S(cr, l)	FeCl ₃ (g)
ZnI(g)	Cu ₂ Cl ₂ (g)	CuSO ₄ (cr, l)	Fe ₂ Cl ₄ (g)
ZnI ₂ (cr, l)	Cu ₂ Cl ₄ (g)	Fe(cr, l)	Fe ₂ Cl ₆ (g)
ZnI ₂ (g)	Cu ₃ Cl ₃ (g)	Fe(g)	FeOCl(cr)
Zn ₂ I ₄ (g)	Cu ₄ Cl ₄ (g)	Fe ⁺ (g)	FeOCl(g)
ZnS(cr, l)	CuBr(cr, l)	Fe ₂ ⁺ (g)	FeBr(g)
ZnS(асфалерит)	CuBr(g)	Fe ₃ ⁺ (g)	FeBr ₂ (cr, l)
ZnS(вюрцит)	CuBr ₂ (cr, l)	Fe ₂ (g)	FeBr ₂ (g)
ZnS(g)	CuBr ₂ (g)	Fe _{0,947} O(cr, l)	FeBr ₃ (cr)
ZnSe(cr, l)	Cu ₂ Br ₂ (g)	FeO(cr, l)	FeBr ₃ (g)
ZnTe(cr, l)	Cu ₃ Br ₃ (g)	FeO(g)	Fe ₂ Br ₄ (g)
Cu(cr, l)	Cu ₄ Br ₄ (g)	FeO ₂ (g)	Fe ₂ Br ₆ (g)

FeI(g)	CoF ₂ (g)	NiOOH(cr)	Mn ₂ O ₃ (cr, l)
FeI ₂ (cr, l)	CoF ₃ (cr, l)	Ni(OH) ₂ (cr)	Mn ₃ O ₄ (cr, l)
FeI ₂ (g)	CoF ₃ (g)	Ni(OH) ₂ (cr)	Mn ₂ O ₇ (cr, l)
FeI ₃ (cr)	CoCl(g)	Ni(OH) ₂ (g)	MnH(g)
FeI ₃ (g)	CoCl ₂ (cr, l)	NiF(g)	MnOH(g)
Fe ₂ I ₄ (g)	CoCl ₂ (g)	NiF ₂ (cr, l)	MnOOH(cr, l)
Fe ₂ I ₆ (g)	Co ₂ Cl ₄ (g)	NiF ₂ (g)	Mn(OH) ₂ (cr, l)
Fe _{0.875} S(cr)	CoBr(g)	NiCl(g)	MnF(g)
FeS(cr, l)	CoBr ₂ (cr, l)	NiCl ₂ (cr, l)	MnF ₂ (cr, l)
FeS(g)	CoBr ₂ (g)	NiCl ₂ (g)	MnF ₂ (g)
FeS ₂ (pyrite)	CoI(g)	NiBr(g)	MnF ₃ (cr, l)
FeS ₂ (marcasite)	CoI ₂ (cr, l)	NiBr ₂ (cr, l)	MnF ₃ (g)
Fe ₃ C(cr)	CoI ₂ (g)	NiBr ₂ (g)	MnF ₄ (cr, l)
Co(cr, l)	CoS(cr)	NiI(g)	MnF ₄ (g)
Co(g)	CoS(g)	NiI ₂ (cr, l)	MnO ₃ F(g)
Co ⁺ (g)	CoS ₂ (cr)	NiI ₂ (g)	MnCl(g)
Co ₂ ⁺ (g)	Co ₂ S ₃ (cr)	NiS(cr, l)	MnCl ₂ (cr, l)
Co ₂ (g)	Ni(cr, l)	NiS(g)	MnCl ₂ (g)
CoO(cr, l)	Ni(g)	NiS ₂ (cr, l)	MnCl ₃ (g)
Co ₃ O ₄ (cr, l)	Ni ⁺ (g)	Ni ₃ S ₂ (cr, l)	MnCl ₄ (g)
CoH(g)	Ni ₂ (ag)	Mn(cr, l)	Mn ₂ Cl ₄ (g)
CoOH(g)	Ni ₂ (g)	Mn(g) Mn ⁺ (g)	MnO ₃ Cl(g)
Co(OH) ₂ (cr)	NiO(cr, l)	MnO(cr, l)	MnS(cr, l)
Co(OH) ₂ (g)	NiO(g)	MnO(g)	MnS(g)
CoF(g)	NiH(g)	MnO ₂ (cr, l)	MnS ₂ (cr, l)
CoF ₂ (cr, l)	NiOH(g)	MnO ₂ (g)	

(Volume 5)

Cr(cr, l)	CrCl ₂ (g)	Mo(cr, l)	V ₂ O ₅ (cr, l)
Cr(g)	CrCl ₃ (cr)	Mo(g)	V ₄ O ₁₀ (g)
Cr ⁺ (g)	CrCl ₃ (g)	Mo ⁺ (g)	Nb(cr, l)
Cr ₂ (g)	CrCl ₄ (g)	MoO(g)	Nb(g)
CrO(g)	CrCl ₅ (g)	MoO ₂ (cr)	Nb ⁺ (g)
CrO ₂ (g)	CrCl ₆ (g)	MoO ₂ (g)	NbO(cr, l)
CrO ₃ (g)	CrOCl(g)	MoO ₃ (cr, l)	NbO(g)
CrO ₃ ⁻ (g)	CrOCl ₂ (g)	MoO ₃ (g)	NbO ₂ (cr, l)
Cr ₂ O(g)	CrOCl ₃ (g)	MoO ₃ ⁻ (g)	NbO ₂ (g)
Cr ₂ O ₂ (g)	CrOCl ₄ (g)	Mo ₂ O ₆ (g)	Nb ₂ O ₅ (cr, l)
Cr ₂ O ₃ (cr, l)	CrO ₂ Cl(g)	Mo ₃ O ₉ (g)	Ta(cr, l)
Cr ₂ O ₃ (g)	CrO ₂ Cl ₂ (g)	Mo ₄ O ₁₂ (g)	Ta(g)
CrH(g)	CrBr(g)	Mo ₅ O ₁₅ (g)	Ta ⁺ (g)
CrOH(g)	CrBr ₂ (cr)	W(cr, l)	TaO(g)
CrOOH(g)	CrBr ₂ (g)	W(g)	TaO ₂ (g)
Cr(OH) ₂ (g)	CrBr ₃ (cr)	W ⁺ (g)	Ta ₂ O ₅ (cr, l)
CrO ₂ OH(g)	CrBr ₃ (g)	WO(g)	Ti(cr, l)
CrO ₂ (OH) ₂ (g)	CrBr ₄ (g)	WO ₂ (cr)	Ti(g)
CrF(g)	CrI(g)	WO ₂ (g)	Ti ⁺ (g)
CrF ₂ (cr)	CrI ₂ (cr)	WO ₃ (cr, l)	TiO(cr, l)
CrF ₂ (g)	CrI ₂ (g)	WO ₃ (g)	TiO(g)
CrF ₃ (cr)	CrI ₃ (cr)	WO ₃ ⁻ (g)	TiO ⁺ (g)
CrF ₃ (g)	CrI ₃ (g)	W ₂ O ₆ (g)	TiO ₂ (cr, l)
CrF ₄ (g)	CrI ₄ (g)	W ₃ O ₉ (g)	TiO ₂ (cr, anatase)
CrF ₅ (g)	CrS(cr)	W ₄ O ₁₂ (g)	TiO ₂ (g)
CrF ₆ (g)	CrS ₂ (cr)	W ₅ O ₁₅ (g)	Ti ₂ O ₃ (cr, l)
CrOF(g)	CrN(cr)	V(cr)	Ti ₃ O ₅ (cr, l)
CrO ₂ F(g)	Cr ₂ N(cr)	V(g)	Ti ₄ O ₇ (cr, l)
CrOF ₂ (g)	Cr ₃ C ₂ (cr)	V ⁺ (g)	TiF(g)
CrOF ₃ (g)	Cr ₇ C ₃ (cr)	VO(cr)	TiF ₂ (cr)
CrOF ₄ (g)	Cr ₂₃ C ₆ (cr)	VO(g)	TiF ₂ (g)
CrO ₂ F ₂ (g)	CrSi(cr)	VO ₂ (g)	TiF ₃ (cr)
CrCl(g)	CrSi ₂ (cr)	V ₂ O ₃ (cr, l)	TiF ₃ (g)
CrCl ₂ (cr)	Cr ₃ Si(cr)	V ₂ O ₄ (cr, l)	TiF ₄ (cr, l)

TiF ₄ (g)	TiS(cr)	Sc(cr, l)	Sc ₂ Br ₆ (g)
TiCl(g)	TiS(g)	Sc(g)	ScI(g)
TiCl ₂ (cr)	TiS ₂ (cr)	Sc ⁺ (g)	ScI ₂ (g)
TiCl ₂ (g)	TiS ₂ (g)	ScO(g)	ScI ₃ (cr, l)
TiCl ₃ (cr)	TiN(cr)	ScO ⁺ (g)	Sc ₂ I ₆ (g)
TiCl ₃ (g)	TiN(g)	ScO ₂ (g)	Y(cr, l)
TiCl ₄ (cr, l)	TiC(cr)	Sc ₂ O(g)	Y(g)
TiCl ₄ (g)	TiSi(cr)	Sc ₂ O ₂ (g)	Y ⁺ (g)
TiBr(cr)	TiSi ₂ (cr)	Sc ₂ O ₃ (cr, l)	YO(g)
TiBr(g)	Ti ₅ Si ₅ (cr)	ScF(g)	YO ⁺ (g)
TiBr ₂ (cr)	Zr(cr, l)	ScF ₂ (g)	YO ₂ (g)
TiBr ₂ (g)	Zr(g)	ScF ₃ (cr, l)	Y ₂ O(g)
TiBr ₃ (cr)	Zr ⁺ (g)	ScF ₃ (g)	Y ₂ O ₂ (g)
TiBr ₃ (g)	ZrO(g)	Sc ₂ F ₆ (g)	Y ₂ O ₃ (cr, l)
TiBr ₄ (cr)	ZrO ⁺ (g)	ScCl(g)	La(cr, l)
TiBr ₄ (g)	ZrO ₂ (cr, l)	ScCl ₂ (g)	La(g)
TiI(cr)	ZrO ₂ (g)	ScCl ₃ (cr, l)	La ⁺ (g)
TiI(g)	Hf(cr, l)	ScCl ₃ (g)	LaO(g)
TiI ₂ (cr)	Hf(g)	Sc ₂ Cl ₆ (g)	LaO ⁺ (g)
TiI ₂ (g)	Hf ⁺ (g)	ScBr(g)	LaO ₂ (g)
TiI ₃ (cr)	HfO(g)	ScBr ₂ (g)	La ₂ O(g)
TiI ₃ (g)	HfO ⁺ (g)	ScBr ₃ (cr, l)	La ₂ O ₂ (g)
TiI ₄ (cr)	HfO ₂ (cr, l)	Sc ₂ Br ₃ (g)	La ₂ O ₃ (cr, l)
TiI ₄ (g)	HfO ₂ (g)		