

Agenda Input

abs_species abs_species_active f_grid abs_p abs_t abs_vmrs

Initialization

abs_xsec_per_speciesInit

abs_xsec_agenda_checked

abs_xsec_per_species

Explicit line-by-line calculation

abs_xsec_per_speciesAddLines

Spectroscopic parameters
abs_lines_per_species
abs_lineshape
isotopologue_ratios
line_mixing_data
line_mixing_data_lut

abs_xsec_per_species

Continua and complete absorption models

abs_xsec_per_speciesAddConts

Continuum parameters
abs_cont_names
abs_cont_parameters
abs_cont_models

abs_xsec_per_species

HITRAN collision induced absorption

abs_xsec_per_speciesAddCIA

HITRAN CIA data
abs_cia_data

Agenda Output

abs_xsec_per_species