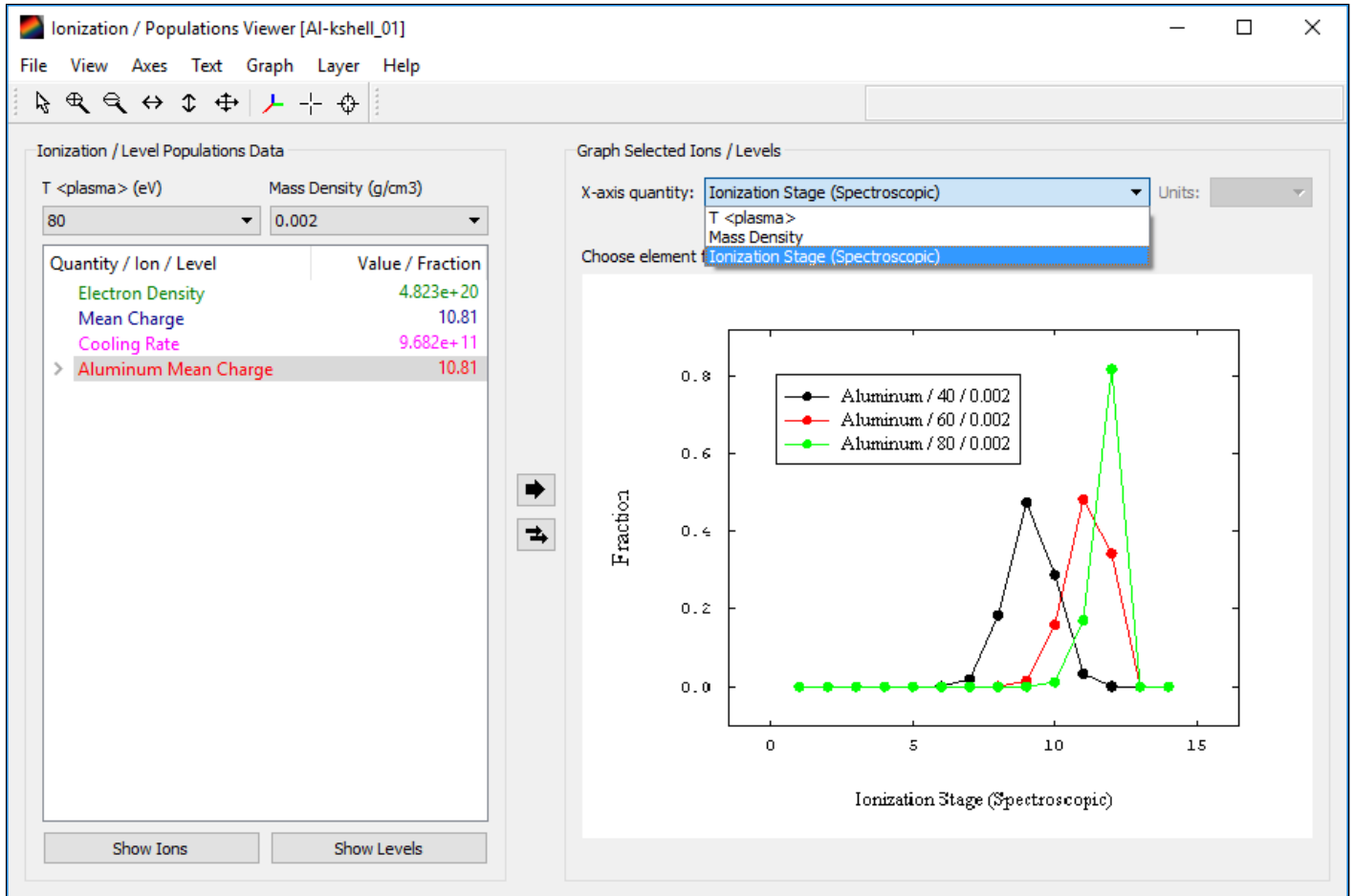


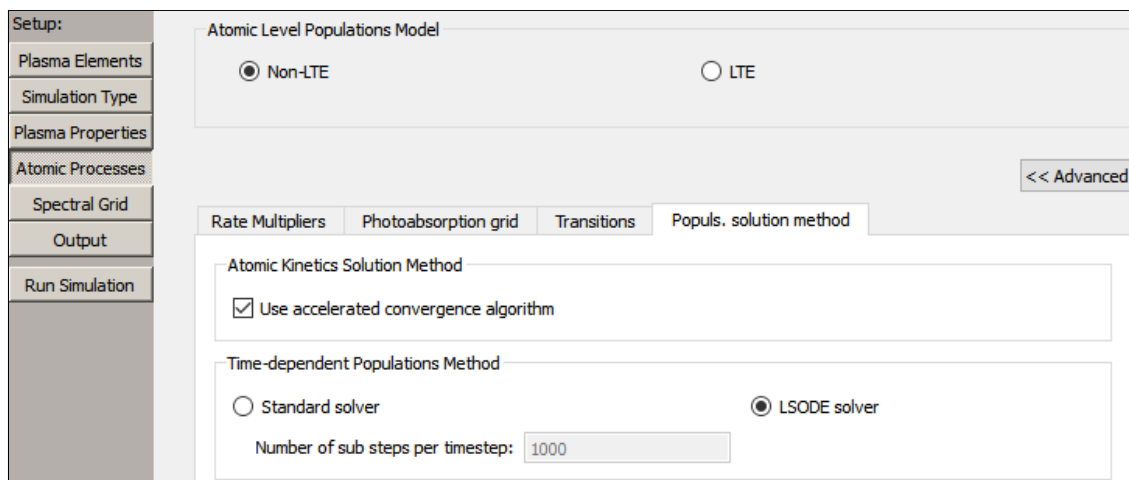
PrismSPECT version 6.5.0

- Enabled choice for time-dependent population solution method.
- Users can now plot ionization distributions by choosing "Ionization Stage (Spectroscopic)" from the list of X-axis quantities:

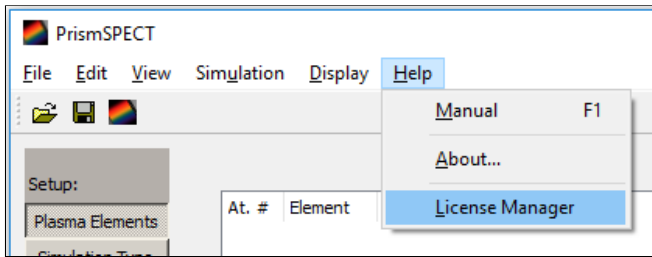


Distributions at different temperature/density values (selected from the drop-down menus on the left) and/or for different elements can be plotted together using the new Add button (double arrow).

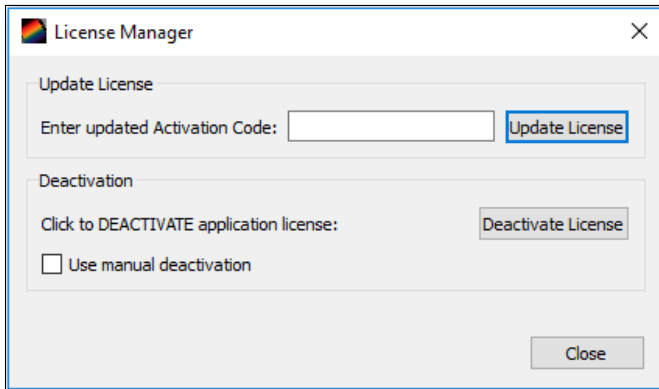
- Users can now opt to use an accelerated convergence algorithm (Ng Acceleration) when simulating Non-LTE plasmas:



- License agreement for PrismSPECT was updated. Please read new terms and conditions carefully.
- Users with activated-based licensure may now *deactivate* their license, in order to use that license seat on a different computer instead. The option is located under License Manager in the Help menu:



A button is available for online deactivation. Alternatively, manual deactivation is available via email contact with Prism.



- Bug fixes:
 - Various issues with tables have been fixed, including unexpected clearing of bad user-entered data when sorting and saving.
 - Fixed incorrect behavior for time-dependent simulations with external radiation sources when a steady-state solution is requested for every time step.
 - ASCII Propaceos tables for non-ideal gas pressure to density conversion option are no longer ignored.
 - When checking for population convergence, in addition to a limit on maximum relative population change, requirement for the change to be not-increasing with time must be satisfied.
 - Excessive warnings about switching to ideal gas model are eliminated.
 - For time-dependent calculations, progress monitor now correctly displays status of the simulations when a steady-state solution is requested.
 - Fixed crash when an invalid file is added to "Set Stark broadening modifiers..."
 - Fixed possible crashes when attempting to plot fitted backgrounds or lines when corresponding quantities are not specified in "Power in band" dialog for line intensities.
 - Fixed crash when blank or invalid activation code is entered into Update License box.