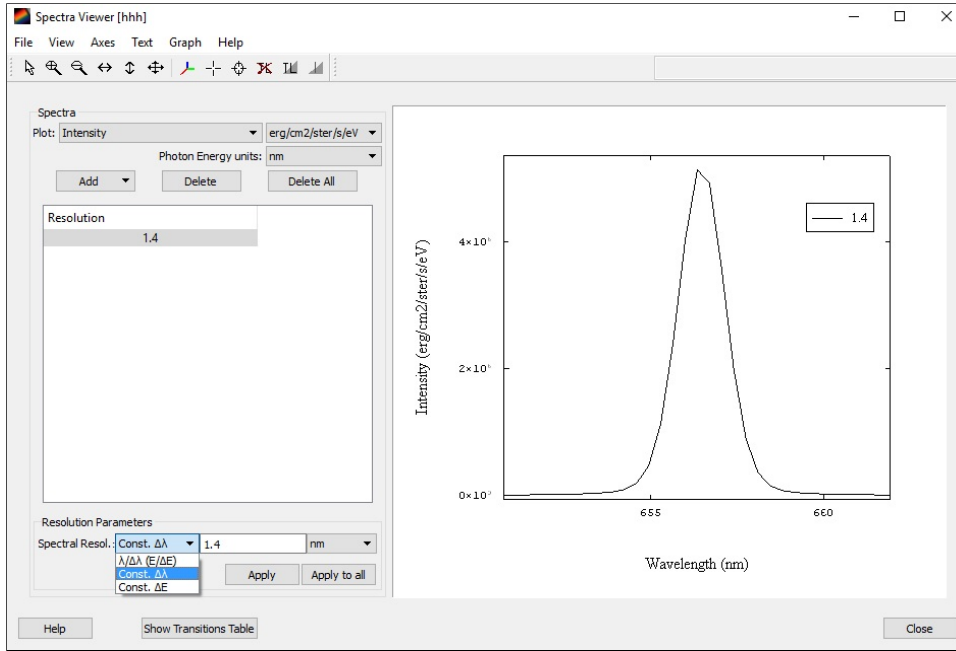
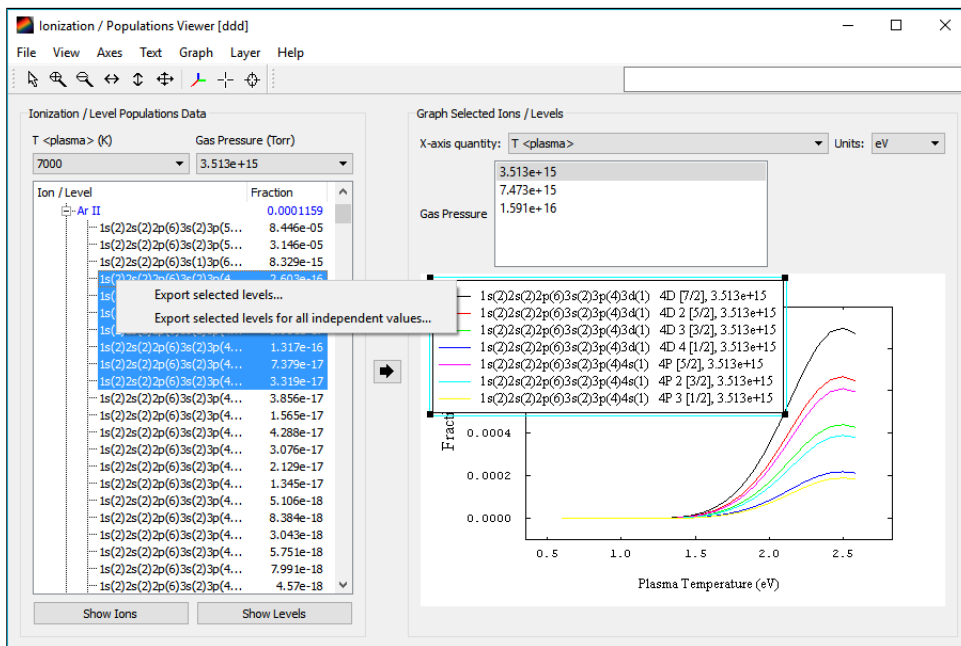


PrismSPECT version 6.4.0

- New models for detector spectral resolution have been implemented. In addition to constant resolution power ($E/\Delta E$), constant wavelength resolution ($\Delta\lambda$) and constant energy resolution (ΔE) are now supported. Where spectral resolution is specified, a drop-down menu is now included for model specification, as well as a menu for units in the case of constant $\Delta\lambda$ or ΔE :



- Input for the continuum lower modeling parameters has been adjusted. The checkbox for turning off the energy shift associated with continuum lowering has been removed, as setting the ionization potential (IP) lowering multiplier to zero does the same thing.
- In Ionization tab, right click selected ion levels, PrismSPECT now offers an option to export level and fraction data to csv format files.



- Bug fixes :
 - Transition modifier settings are appropriately used in the simulations. A bug that caused the modifiers to be ignored only affected version 6.3.0.
 - When performing simulations in which $K\alpha/K\beta$ transitions are included for M-shell ions (see *Inner-Shell Transitions* box on *Transitions* tab in *Atomic Processes* widget), and when selecting to output *Spectral Components* for the *N Most Abundant Ions*, the contributions from the $K\alpha/K\beta$ transitions are now correctly included.