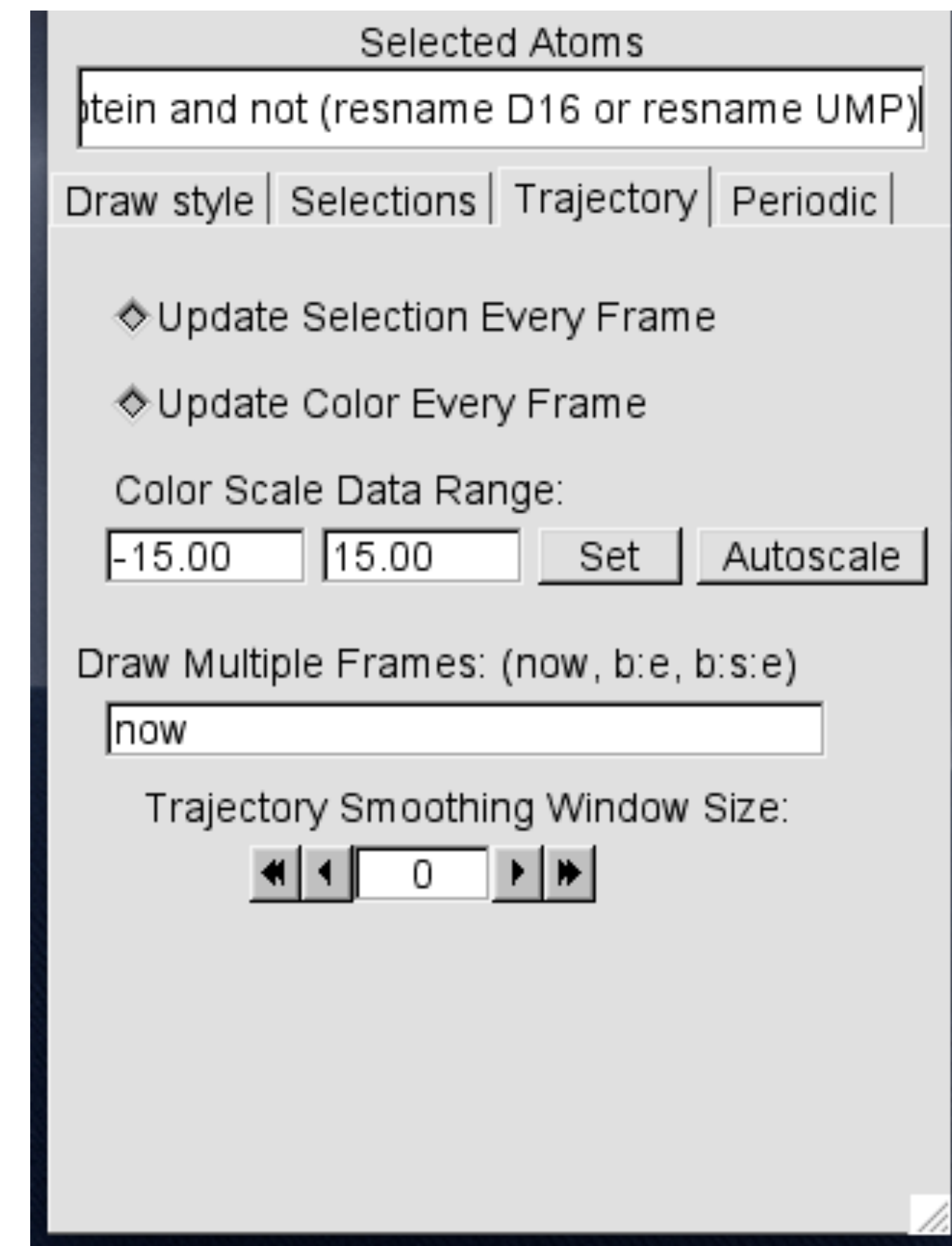
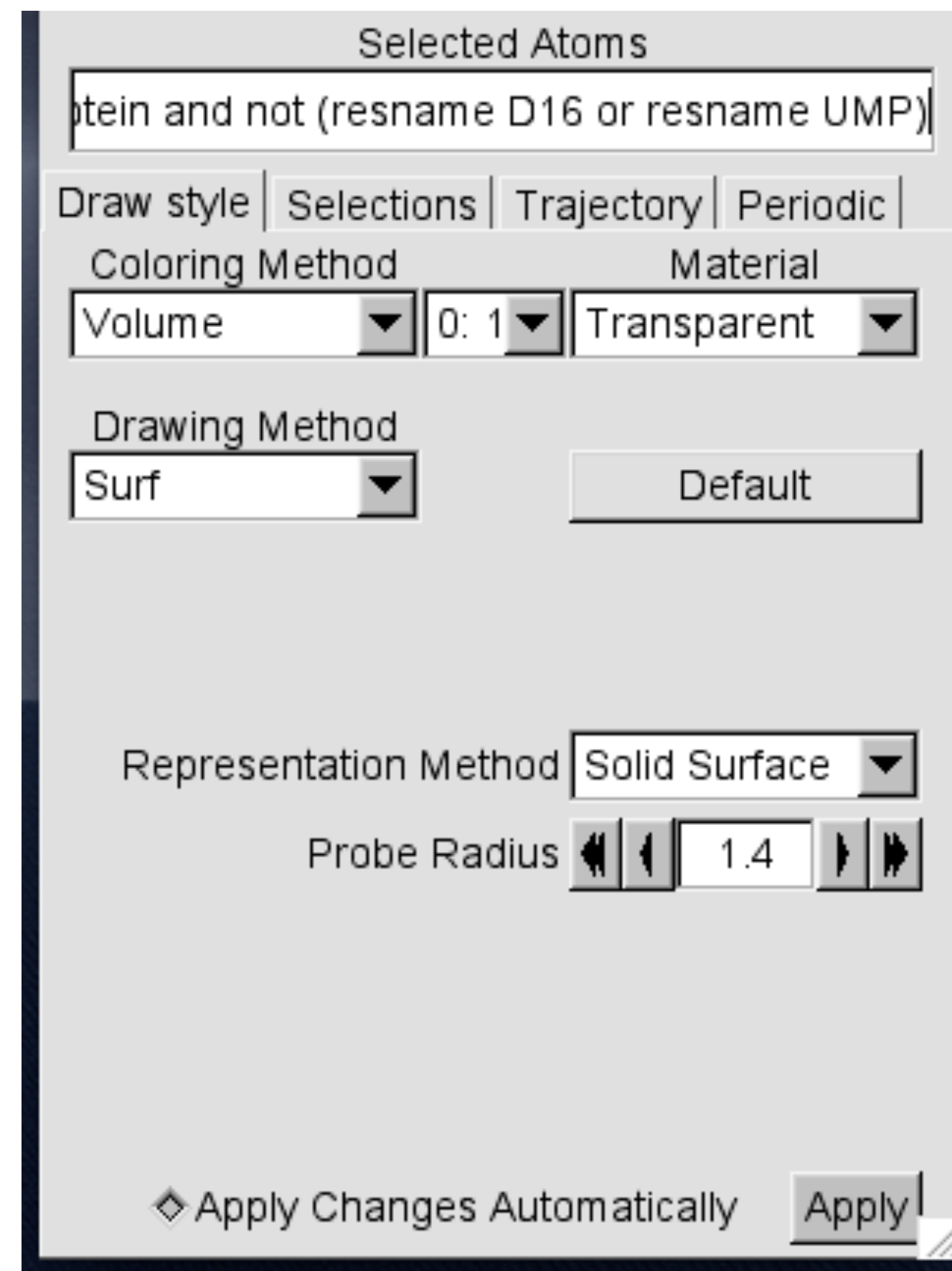


- In VMD, volumetric data can be displayed
 - by Isosurface, VolumeSlice, or FieldLines representations
- Using the “Volume Coloring Method”
- To color a surface based on the electrostatic potential, create a new representation selecting “protein and not (resname D16 or resname UMP)”, set the Drawing Method to “Surf”, Coloring Method to “Volume”, and Material to “Transparent”
- Also click on the “Trajectory” tab and set Color Scale Data Range from -15 to 15. Otherwise everything will look white.



- On the surface, positive is blue and negative is red.
- Notice that there is a positive charge in the entire binding site cleft

