This document shows the structure of a NIMROD output HDF5 file (two species case).

/Description	
/Source	
/time	
/nsteps	
/GRID/Topology	
/Geometry	
/Coordinate System	Cartesian system
/R/independent variables	
/units	
/X/independent variables	
/units	
/Y/independent variables	
/units	
/Z/independent variables	
/units	
/i grid/units	Needed for say 2D plots but not used by AVS 3D
/j grid/units	Ditto
/phi/units	Ditto
/step_0001000/Step number	
/time	
/time unit	
/B/independent variables	Magnetic field
/units	Tesla
/X	x-component
/Y	y-component
/Z	z-component
/J/independent variables	Current density
/units	
/X	x-component
/Y	y-component
/Z	z-component
/P/independent variables	Total pressure
/units	pa
/P_e/independent variables	Electron pressure
/units	Pa
/T_e/independent variables	Electron temperature
/units	eV
/T_i/independent variables	Ion temperature
/units	eV
/V/independent variables	velocity
/units	
/X	
/Y	
/Z	
/nd/independent variables	Density (Ion?)
/units	1/m^3

- All data are defined in a Cartesian coordinate system;

- Use structured meshes;

- Transformed from Cylindrical system to Cartesian system.