\sigma = 0.34\mathrm{nm}, \epsilon\ /\ k_B= 120 \mathrm{K}The Lennard-Jones parameters for argon are

Lennard-Jones cut off = 3.2

* Distance, in real units

r^* = \frac{r}{\sigma}

* Well depth, in kJ mol-1

E^* = \frac{E}{\epsilon}

* Temperature, in real units

T^* = \frac{k_BT}{\epsilon}