

```

# CONSTANTS
h = 4.135667516e-15 #eV*s
h_ev = 4.135667516e-15 #eV*s
h_si = 6.626e-34 #J*s

c = 299792458.0 #m/s
c_si = 299792458.0 #m/s

k_b = 8.617e-5 #eV/K
kb_ev = 8.617e-5 #eV/K
kb_cgs = 1.38064852e-16 # cm2 g s-2 K-1 # Boltzman constant
kb_si = 1.38064852e-23 # m2 kg s-2 K-1 # Boltzman constant

G_cgs = 6.67259e-8 #cm^3 g^-1 s^-2 # gravitational constant

mH_cgs = 1.6737236e-24 # g # hydrogen mass
MH = 1.6737236e-27 # kg # hydrogen mass

PC = 3.0857e16 #m # 1 parsec
AU_cgs = 1.49597871e13 #cm # 1 astronomical unit

yr_cgs = 3.1556926e7 #s # 1 year

MSUN = 1.989e30 #kg # solar mass

eV = 6.241509e18 #J

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