Glazer & Marla.

7.5. At 1 keV, density of 1033 m, 13 electron Fermi - Dirac or Maxnell-Boltzmann?

 $P = 10^{33} \text{ m}^{-3}, \quad m = 0.5 \times 10^6 \text{ eV/c}^2, \\ k_B T = 10^3 \text{ eV}, \\ h = 4.14 \times 10^{15} \text{ eV} \text{ s}.$ 

 $= \frac{V}{N} \left(\frac{271 \text{ m k}_{\text{B}}}{h^2}\right)^{\frac{3}{2}}$ 

a - ( & x 0.5 x 10 eV x 10 eV x 5<sup>2</sup> 3h ( 2 m² x (4.14 x 10<sup>-15</sup>)² eV² s² )

 $\frac{m^{3}}{10^{33}} \left( \frac{3 \times 10^{9}}{10^{17} \times 10^{-29} \text{ m}^{2}} \right)$ 

 $2 \frac{3}{10^{33}} \left( \frac{3 \times 10^{2}}{3 \times 10^{2}} \right) \frac{3}{2} = -1.5$ 

snee [0] is not greatly larger than I, we are not use Marcell-Bottzmann Dist.