(2008 6.2) 1B21 8+8 00 e+e equilibrium: put photons = 0 > - M = M neutrality: ne+=ne-> \mu^+=\mu^-> \mu^+=\mu^-=0] NE = 2 E PEP+1 Ep= m2C4+ Cp2 JUN 1000 01320017 = 2 { P (B) m2(4+p2(2)) + 1 KT << mc2 pc «mc3 1 M 2 C M+ p 2 6 2 = mc2/1+ p2 = mc2+ p2

150 BMC2>>1 ~ 2 3 6 Bmc 2 << 2

 $N_{\pm} = \frac{1}{V} \approx \frac{1}{V} = 0 \quad PRIPN \quad ND$ $N_{\pm} = \frac{1}{V} \approx \frac{1}{V^{3}} \frac$

Jen= 6 200 16 1341 2612 has show show you see

BEC 23N IDSU

ES vila Justif 2 50: Ay allerin so 0=9, 169 or 138.

 $\frac{1}{\lambda^{3}(\Gamma_{0})} = \frac{1}{\lambda^{3}(\Gamma_{0})} = \frac{1}{\lambda^{3}(\Gamma_{0})} \cdot \frac{1}{\lambda^{3}(\Gamma_{0})} \cdot \frac{1}{\lambda^{3}(\Gamma_{0})} = \frac{1}{\lambda^{3}(\Gamma_{0})} \cdot \frac{1}{\lambda^$

To = To (3(3) () () 2) 2/3