$$\mathcal{D}(N,V,E) = \mathcal{E}'W\{m\} \qquad W\{m\} = \mathcal{T}'v\sigma;$$

$$W_{BE} = \frac{(m + gi - 1)!}{m! (gi - 1)!} \longrightarrow W_{BE} = \frac{77}{6} \frac{(mi + gi - 1)!}{m! (gi - 1)!}$$

$$S = K_B \ln \left\{ 2(N_1 V_1 E) = E^{\dagger} W\{m\} \right\}$$

$$\left\{ \begin{array}{c} E^{\dagger} T_1 & \frac{q_1!}{m! (q_1 - m)!} \\ \frac{q_1!}{m! (q_2 - m)!} \end{array} \right\}$$

$$= S \approx K_B \ln W(m^{\dagger})$$

$$= \sum_{i=1}^{n} T_i \frac{q_i!}{m! (q_2 - m)!}$$

$$= \sum_{i=1}^{n} T_i \frac{q_i!}{m!}$$

$$= \sum_{i=1}^{n} K_B \ln W(m^{\dagger})$$

$$= \sum_{i=1}^{n} K_B \ln W(m^{\dagger})$$