

Magnetic field
 $B_0^2/8\pi n$

Electrons

$$\Delta k_B T_e$$

$$\Delta \frac{1}{2} m_e v_e^2$$

Ions

$$\Delta k_B T_i$$

$$\Delta \frac{1}{2} m_i v_i^2$$

Magnetic field

$$B_{\text{down}}^2/8\pi n$$

Electric field

$$E_{\text{down}}^2/8\pi n$$

