Energy confinement time depends strongly on toroidal magnetic field.

Normalized energy confinement time exhibit moderate dependence on collisionality.

Ion heat transport is close to neoclassical level. Anomalous contribution is observed at low collisionality.

Globus-M spherical tokamak
energy confinement in NBI H-mode plasma

\[ R = 0.35 \ a = 0.21, \ k = 1.8 \]
\[ I_p = 0.12 - 0.25 \ \text{MA}, \ B_T = 0.25 - 0.5 \ \text{T}, \ P_{abs} = 0.2 - 0.8 \ \text{MW}, \ n_e = 1.8 - 5.5 \times 10^{19} \ \text{m}^{-3} \]

\[ \tau_{E,GLB} \sim I_p^{0.51 \pm 0.26} B_T^{1.2 \pm 0.1} P_{abs}^{-0.54 \pm 0.26} n_e^{0.67 \pm 0.04} \]