

n 27990

$$p \cdot V^{\frac{5}{3}} = \text{const}$$

$$p \gg 3,2 \cdot 10^6$$

$$p \cdot V^{\frac{5}{3}} = 10^5$$

$$V^{\frac{5}{3}} \leq \frac{10^5}{3,2 \cdot 10^6}$$

$$V^{\frac{5}{3}} \leq \frac{1}{32}$$

$$\left(V^{\frac{1}{3}}\right)^5 \leq \left(\frac{1}{2}\right)^5$$

$$V^{\frac{1}{3}} \leq \frac{1}{2}$$

$$V \leq \left(\frac{1}{2}\right)^3$$

$$V \leq \frac{1}{8}$$

$$V \leq 0,125$$

Ombem: 0,125