Physical structure: constant density,  $Z_{\text{max}}/Z_{\text{min}} = 120$ homogeneous large-scale small-scale a  $\left(\text{O} \ / \ \text{H}\right)^{-0.02}$ 0.00 b 20000 - $T_{\rm e}$ , K  $_{10000}$  . C n<sub>e</sub>, cm<sup>-3</sup> 200 0 1.0 d  $(He^{+2} / He) 0.5$ 0.0 1.0 е  $(O^{+2} / O) 0.5$ 0.0 0.08 0.12 0.06 0.10 0.14 Radius, pc