Constant-density admixture models,  $fZ_{0,A} + (1-f)Z_{0,B}$  $f = 0.7, Z_{0.B} = 6$ large-scale homogeneous small-scale 1.00 0.75 observed:  $0.71 \pm 0.071$ He II  $\lambda 4686 / H\beta 0.50$ 0.25 0.00 0.20 0.15 observed:  $0.13 \pm 0.023$ O II  $\lambda\lambda$ 4651+ / H $\beta$  0.10 0.05 0.00 15 [O III]  $\lambda$ 5007 / H $\beta$  <sup>10</sup> 5 0.03 0.02 [O III] λ4363 / 5007 observed:  $0.011 \pm 0.0016$ 0.01 0.00 15000 10000 Mean H $\alpha$ -weighted  $T_e$ observed: 5e+03 ± 5000 0 0 6 15 30 60 120 Metallicity contrast,  $Z_{0,A}$ 

a

b

C

d

е