Gas density threshold alpha008 semenov alpha008 semenov alpha008 converging flesemenov_alpha008_tcose_methev_alpha008_tcool_cut_converging semenov cstar cut 10 -10* a = 1 . . . 10 10 10 -1010 -10x [kpc] x [kpc] x [kpc] x [kpc] x [kpc] x [kpc] x [kpc]