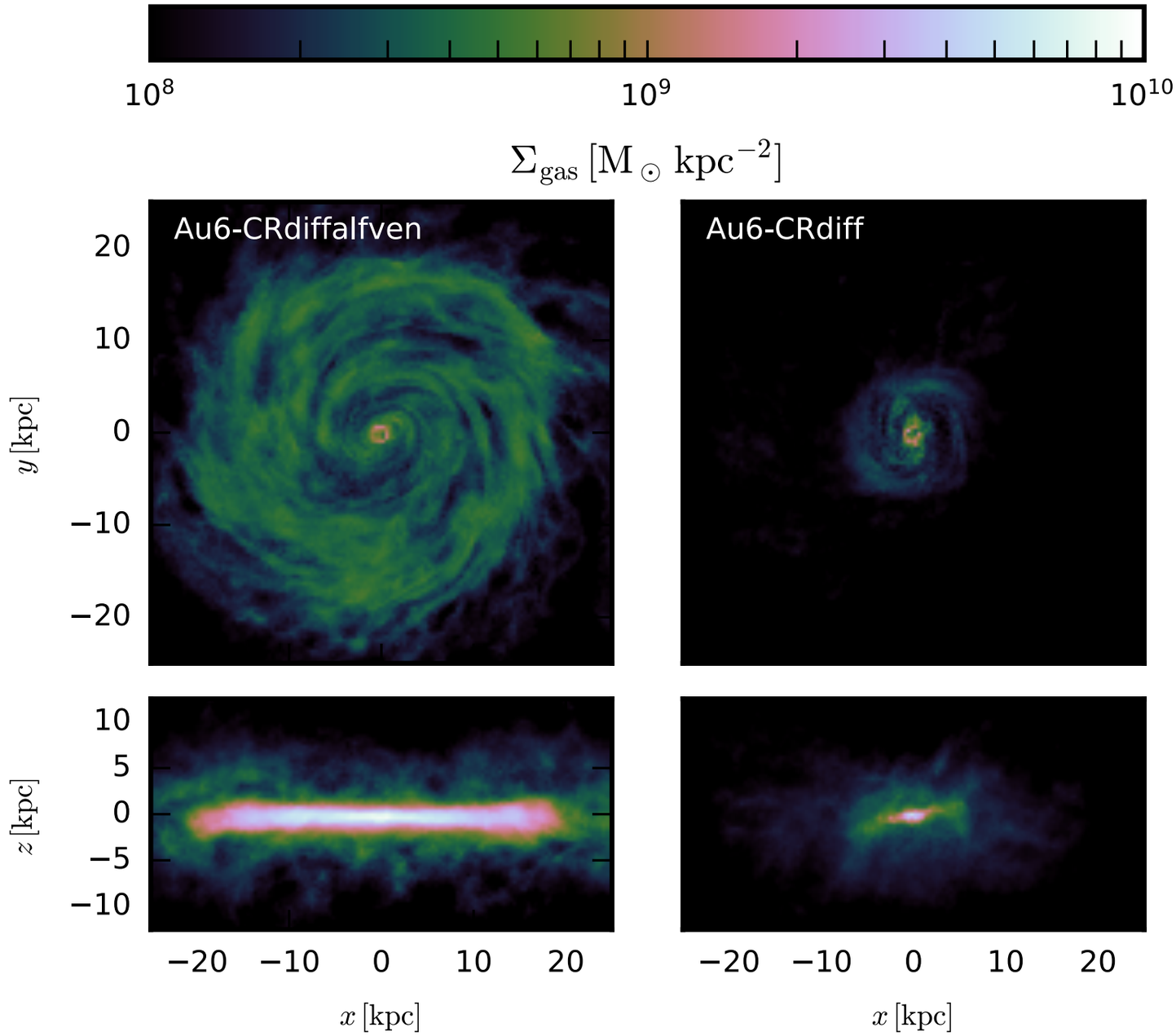
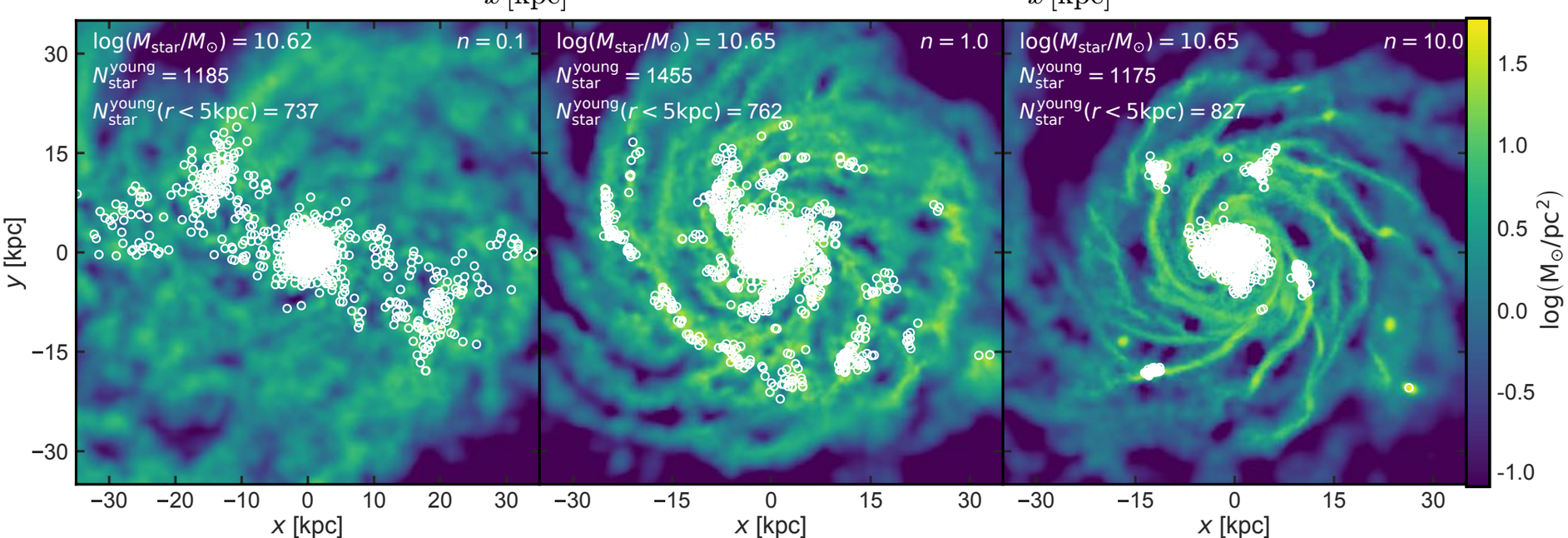

10^8
10^9
10^{10}
$\Sigma_{\rm gas}$ [M$_\odot$ kpc^{-2}]
Au6-CRdiffalfven
Au6-CRdiff
y [kpc]
z [kpc]
x [kpc]
x [kpc]


$\log(M_{\rm star}/M_\odot) = 10.62$
$n = 0.1$
$N_{\rm star}^{\rm young} = 1185$
$N_{\rm star}^{\rm young}(r < 5{\rm kpc}) = 737$
$\log(M_{\rm star}/M_\odot) = 10.65$
$n = 1.0$
$N_{\rm star}^{\rm young} = 1455$
$N_{\rm star}^{\rm young}(r < 5{\rm kpc}) = 762$
$\log(M_{\rm star}/M_\odot) = 10.65$
$n = 10.0$
$N_{\rm star}^{\rm young} = 1175$
$N_{\rm star}^{\rm young}(r < 5{\rm kpc}) = 827$
y [kpc]
x [kpc]
x [kpc]
x [kpc]
$\log(M_\odot/{\rm pc}^2)$