

$\log \Sigma_{\text{SFR}, 100\text{Myr}} [\text{M}_{\odot} \text{pc}^2 \text{Myr}^{-1}]$

1
0
-1
-2
-3
-4
1
0
-1
-2
-3
-4

$$\log \Sigma_{\text{SFR}} = \log \Sigma_{\text{gas}} + (\log \sigma_{\text{gas}, z} + \log \Sigma_{*})^{0.86} - 6.12$$

$$\log \Sigma_{\text{SFR}} = \log \Sigma_{\text{gas}} + (\log \sigma_{\text{gas}, z} + \log \Sigma_{*})^{0.85} - 6.08$$

$$\log \Sigma_{\text{SFR}} = \log \Sigma_{\text{gas}} + (\log \sigma_{\text{gas}, z}^{0.9} + \log \Sigma_{*})^{0.86} - 6.06$$

$$\log \Sigma_{\text{SFR}} = \log \Sigma_{\text{gas}}^{0.96} + (\log \sigma_{\text{gas}, z}^{0.91} + \log \Sigma_{*})^{0.86} - 6.06$$

