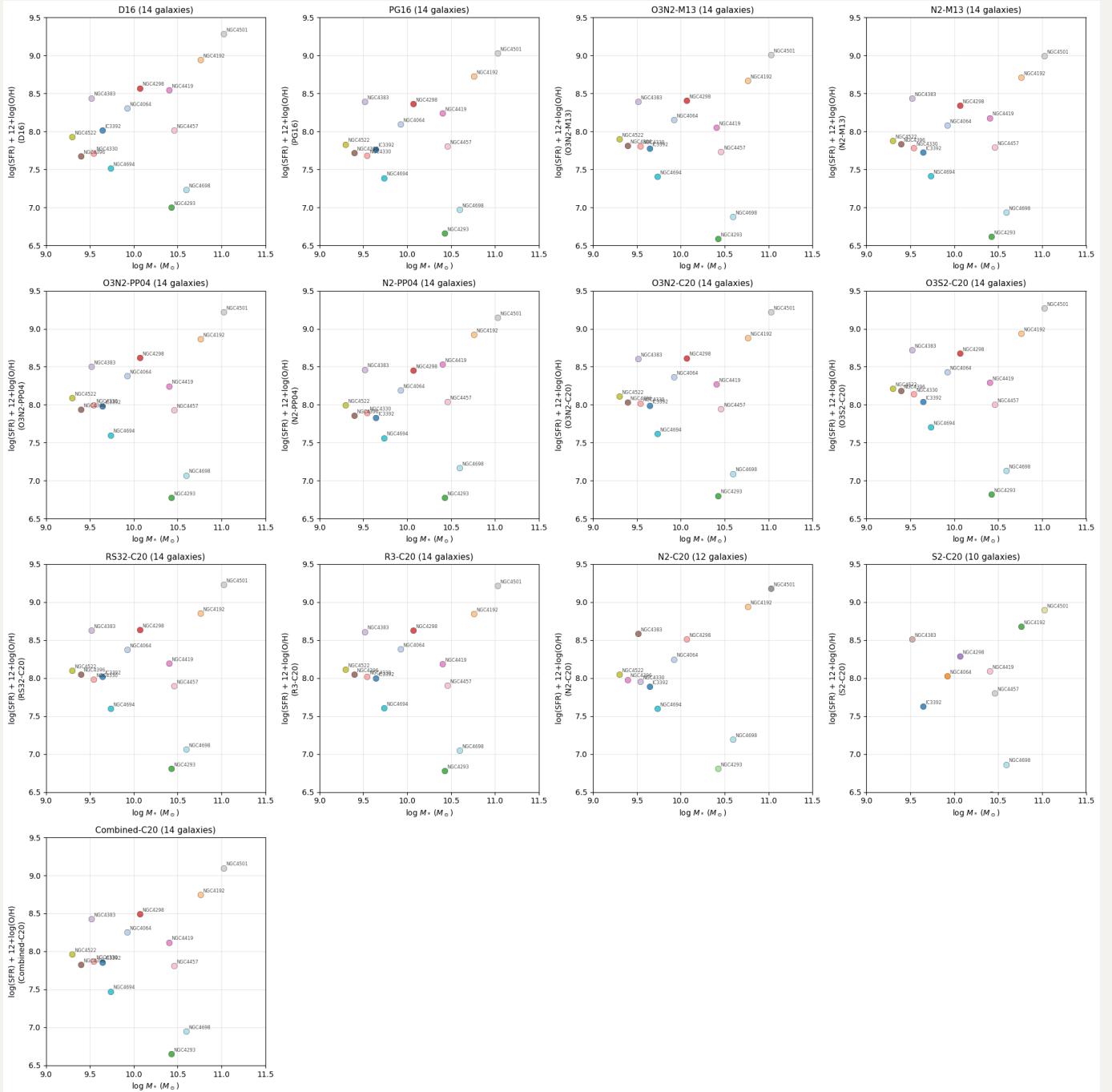


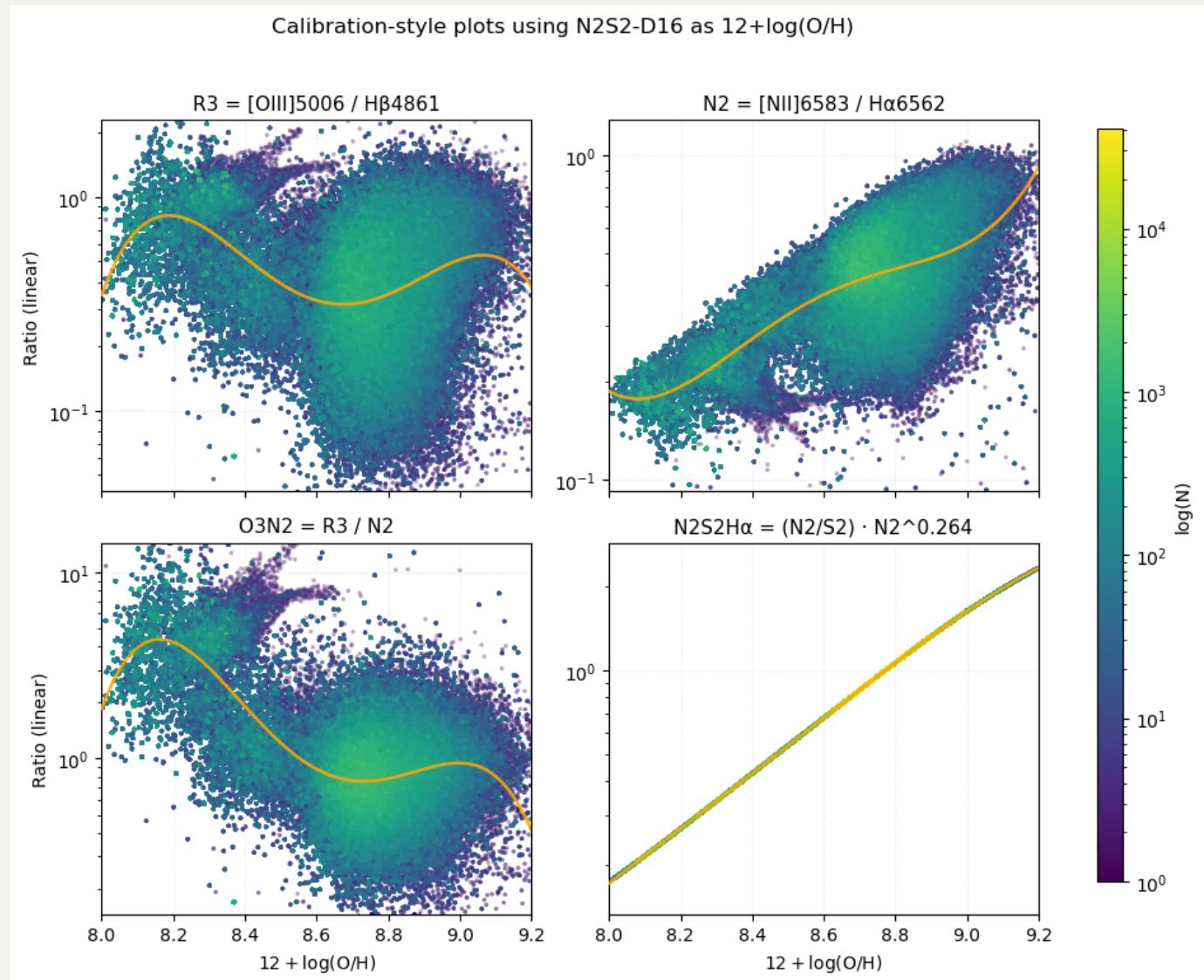
# 20250914 Metallicity Test

$(\log(\text{SFR}) + (12 + \log(\text{O/H})))$  vs  $\log(M_*)$



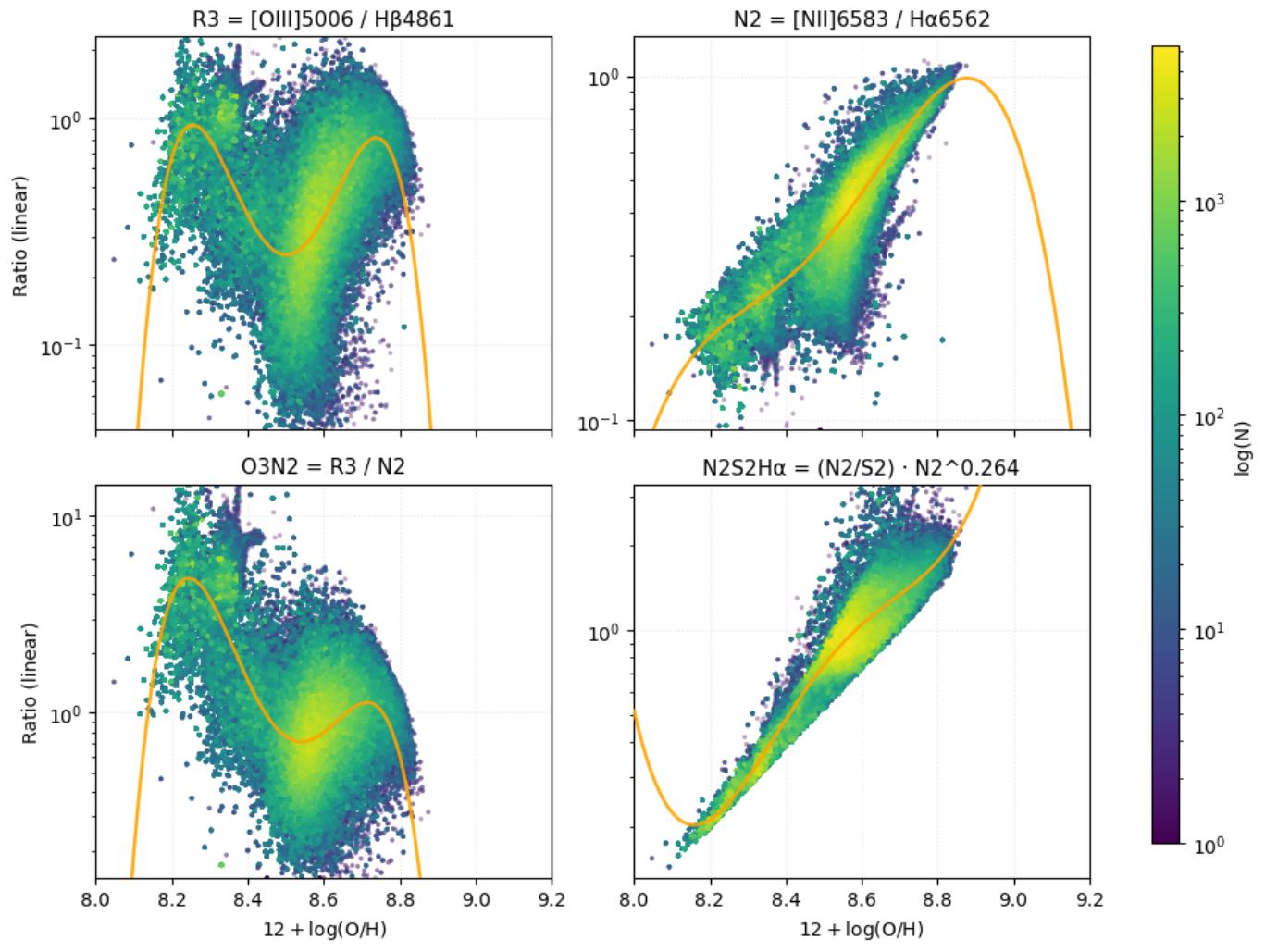
Recreate Brazzini+2024's Figure 7 to check diagnostics

## N2S2-D16



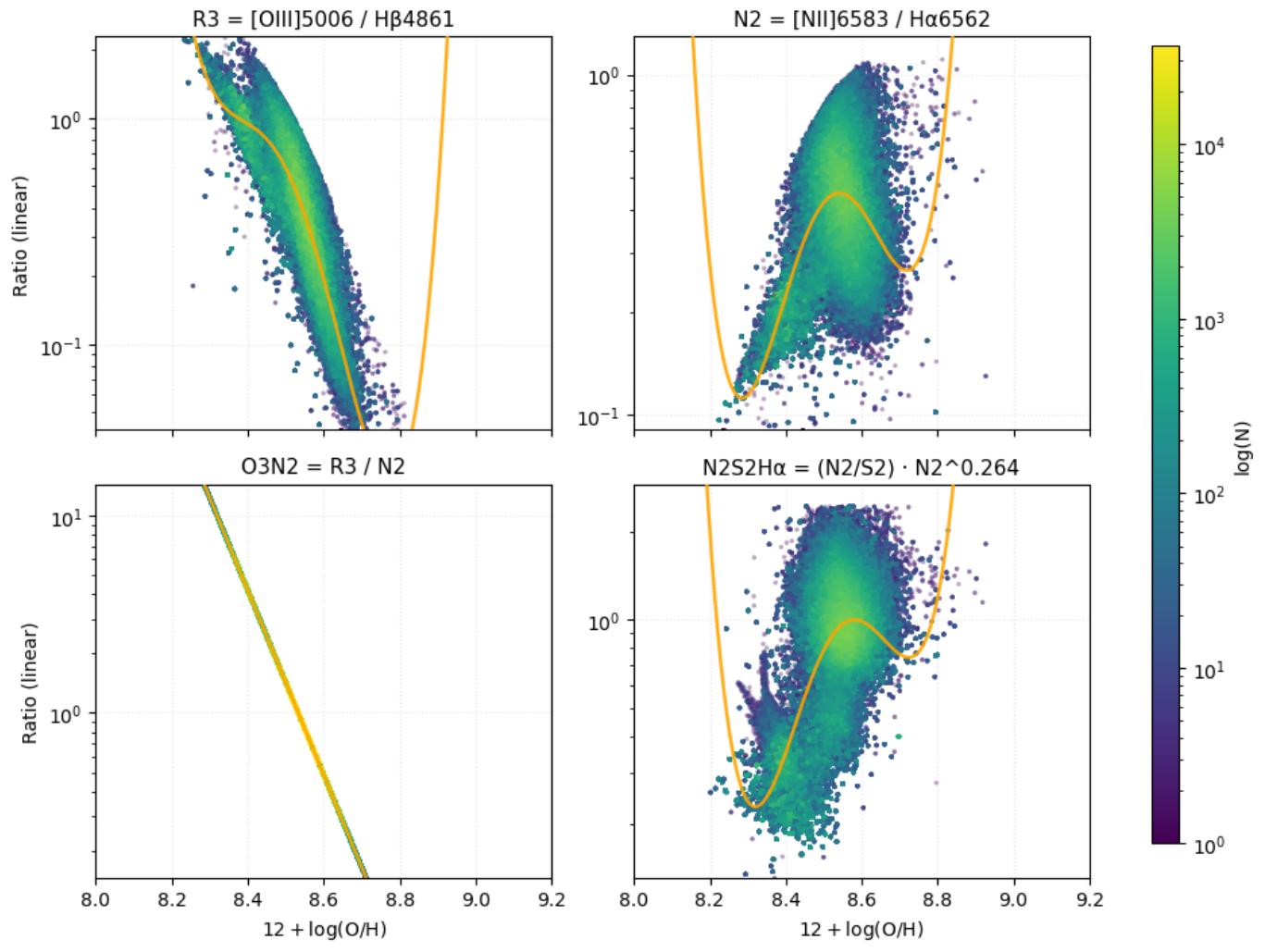
## Scal-PG16

Calibration-style plots using Scal-PG16 as 12+log(O/H)



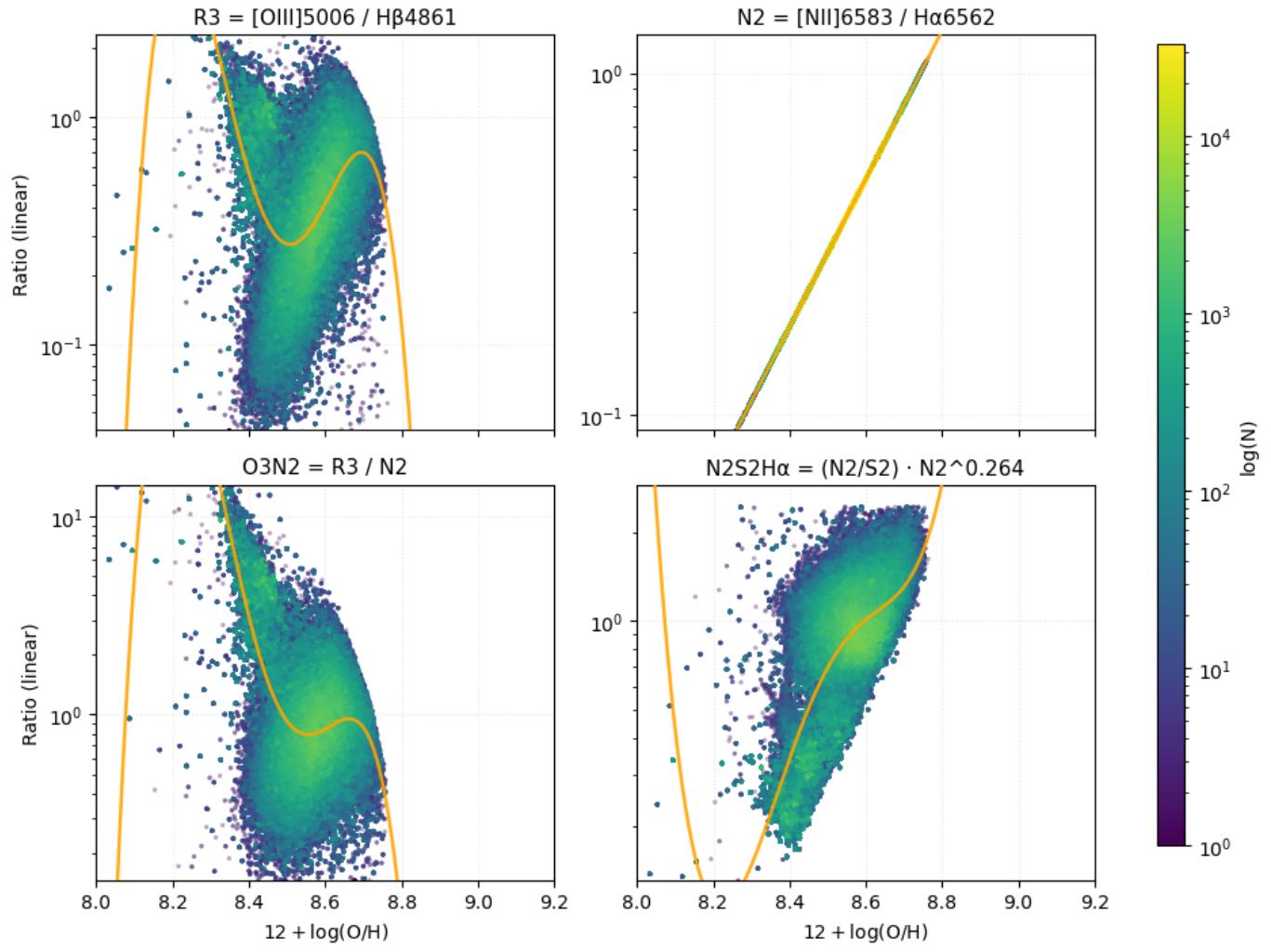
O3N2-M13

Calibration-style plots using O3N2-M13 as 12+log(O/H)



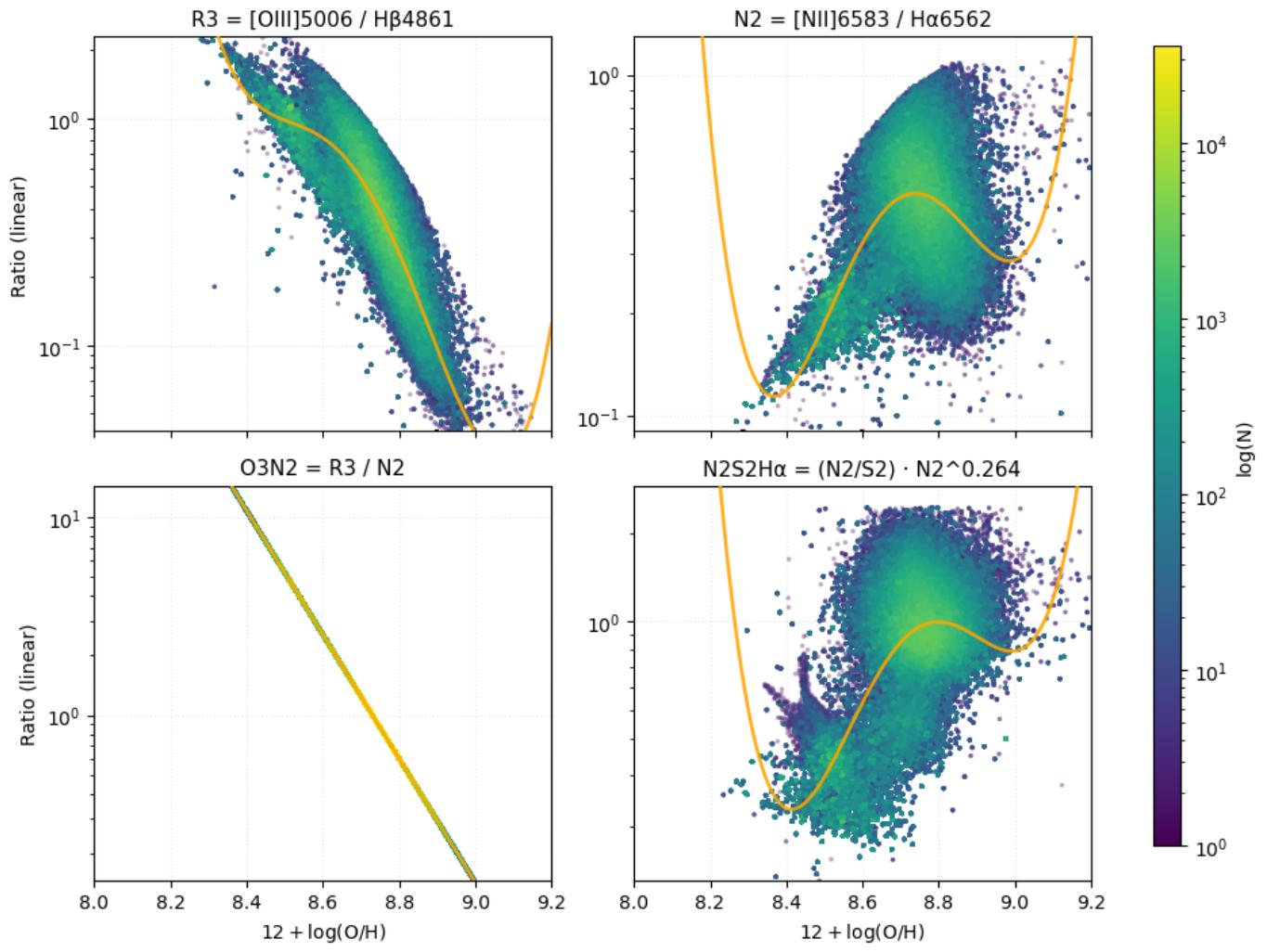
N2-M13

Calibration-style plots using N2-M13 as  $12 + \log(\text{O/H})$



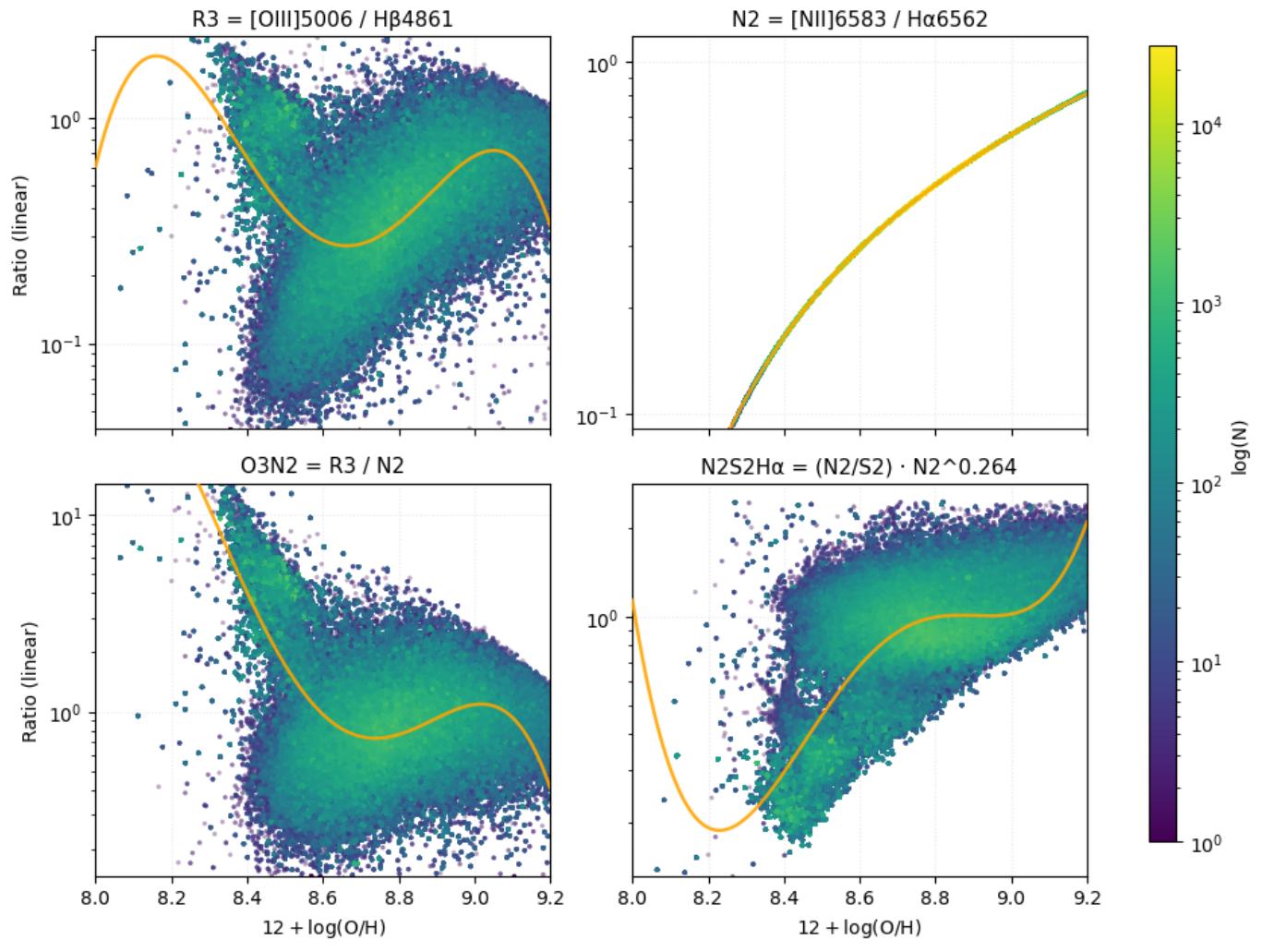
O3N2-PP04

Calibration-style plots using O3N2-PP04 as 12+log(O/H)



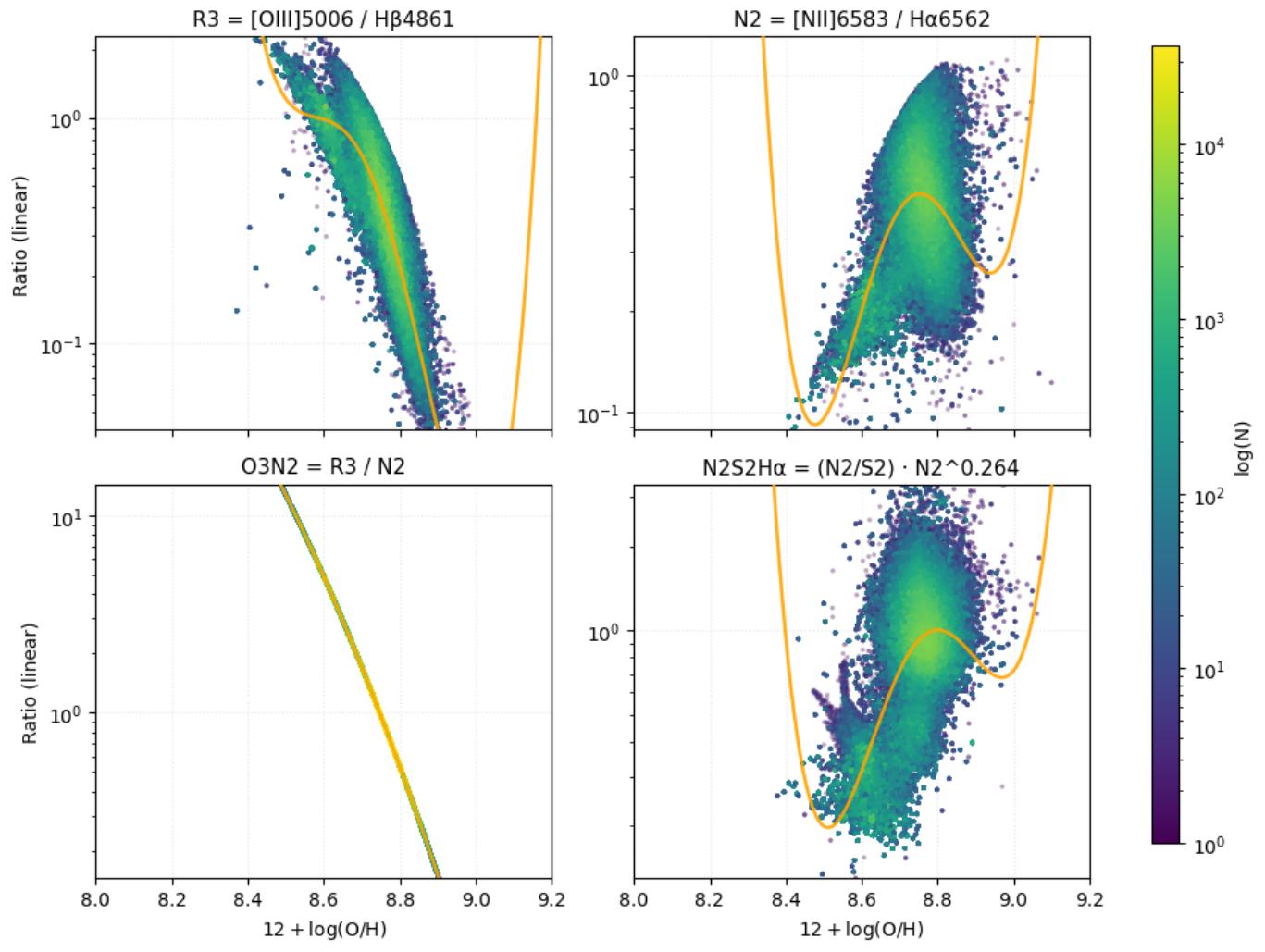
N2-PP04

Calibration-style plots using N2-PP04 as 12+log(O/H)



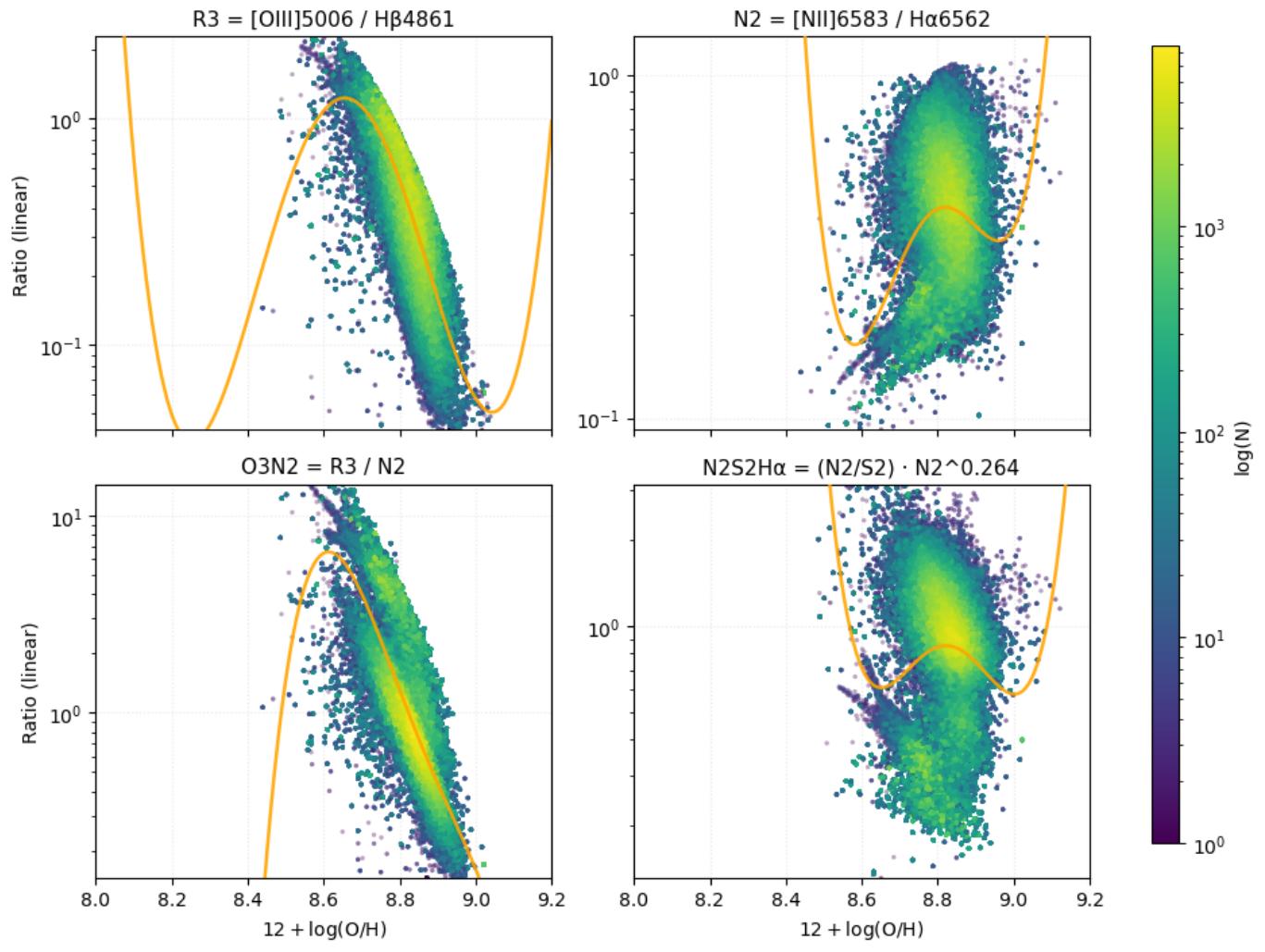
O3N2-C20

Calibration-style plots using O3N2-C20 as 12+log(O/H)



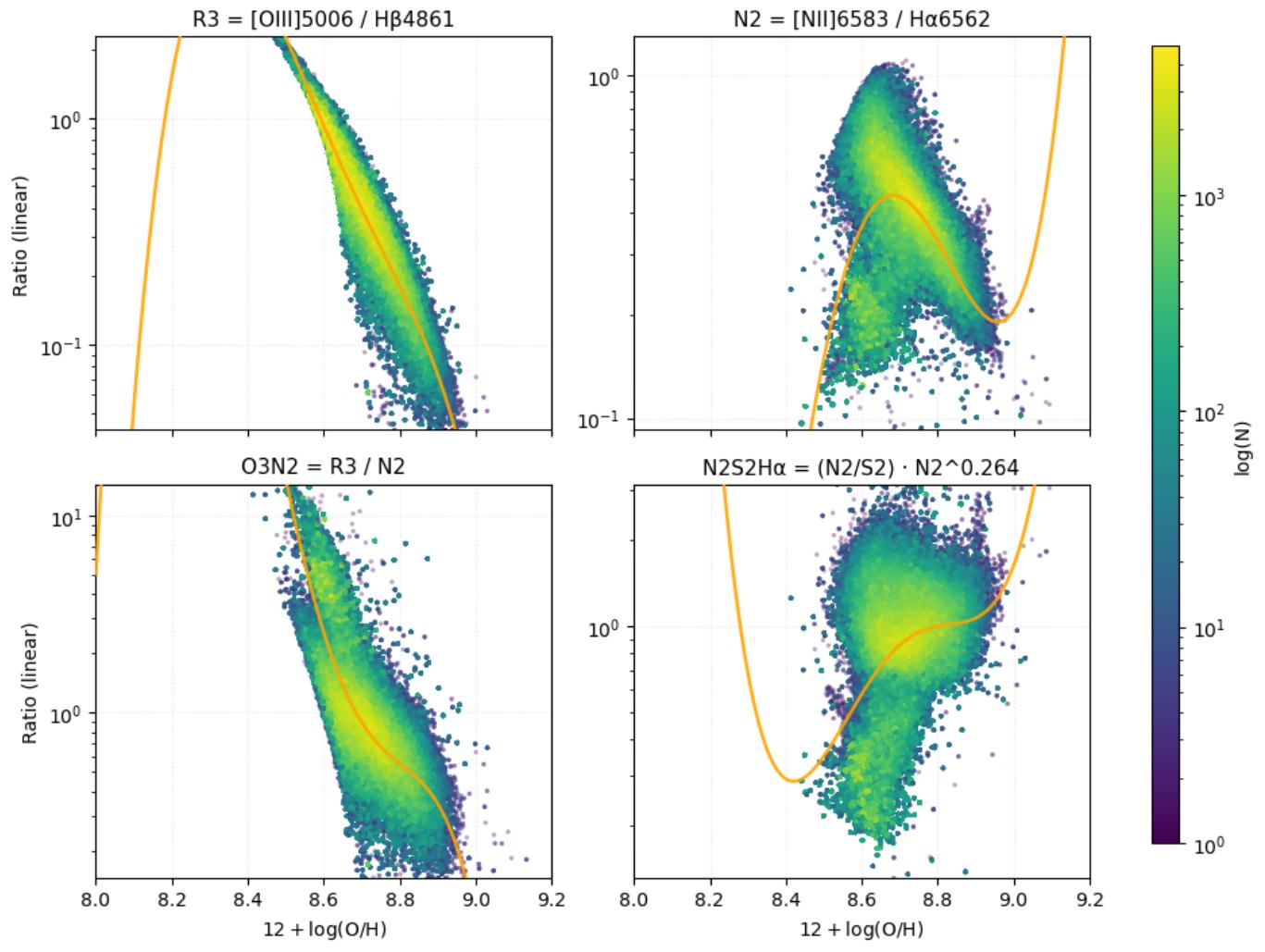
O3S2-C20

Calibration-style plots using O3S2-C20 as 12+log(O/H)



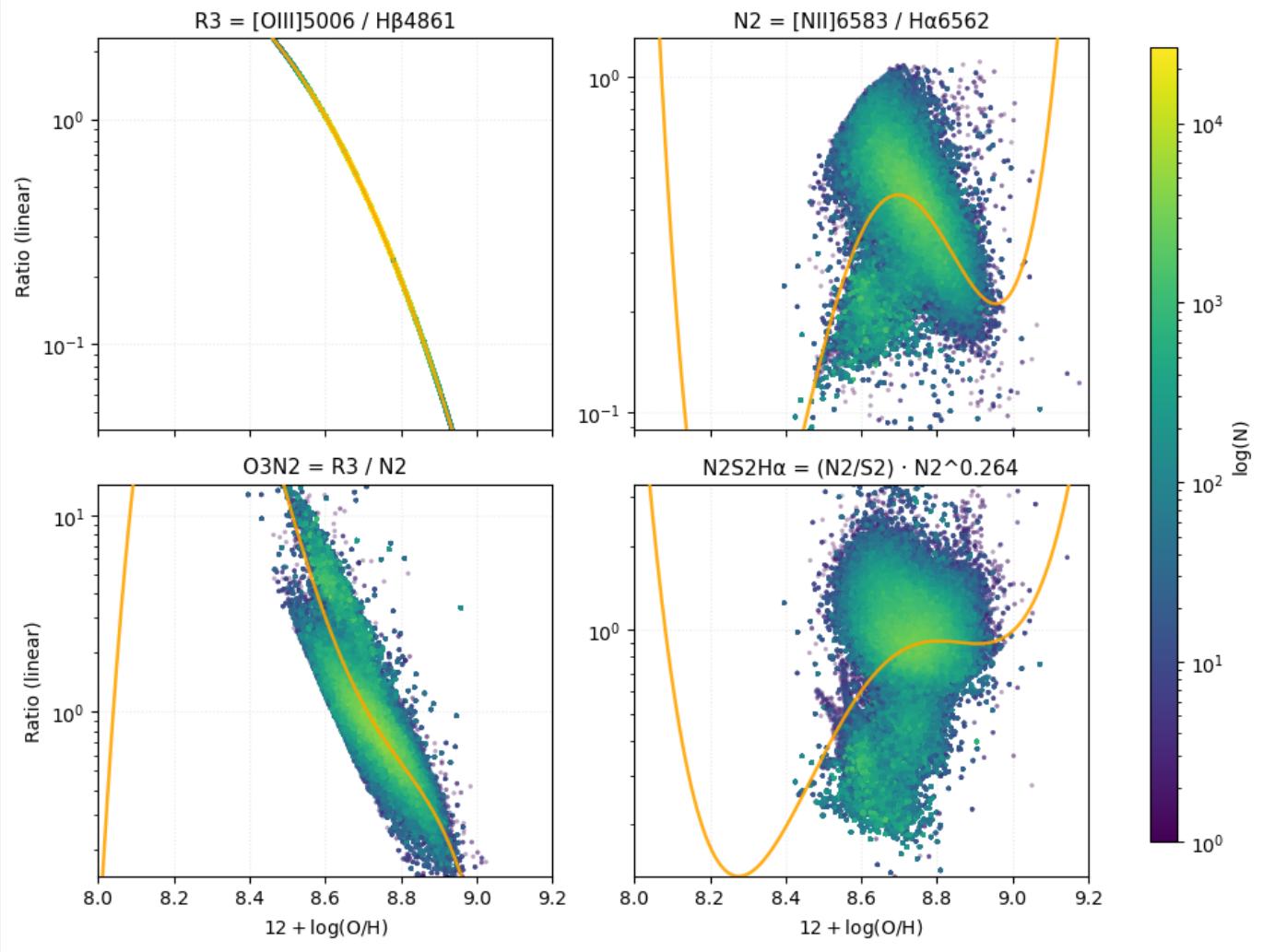
RS32-C20

Calibration-style plots using RS32-C20 as  $12 + \log(\text{O/H})$



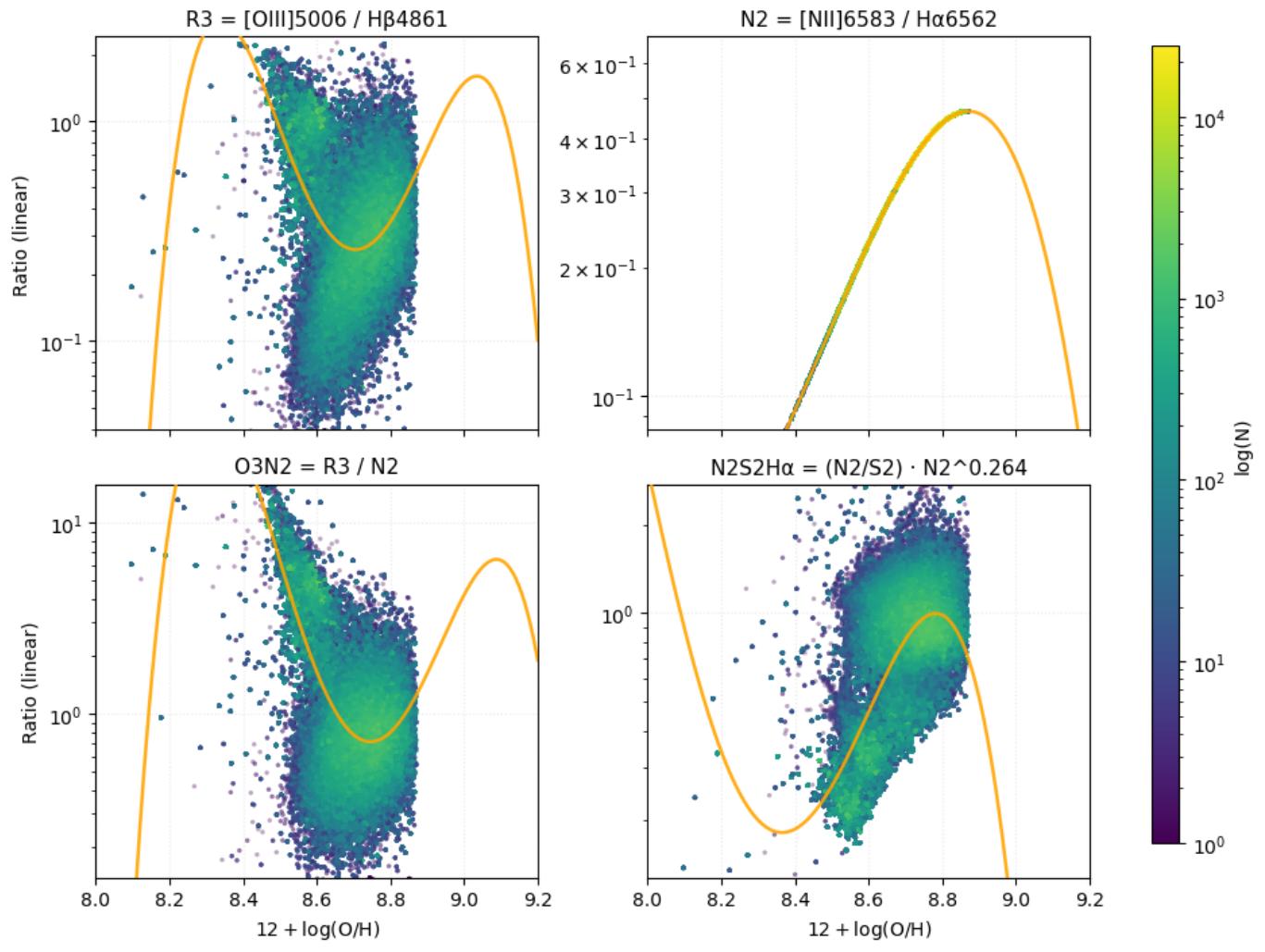
R3-C20

Calibration-style plots using R3-C20 as 12+log(O/H)



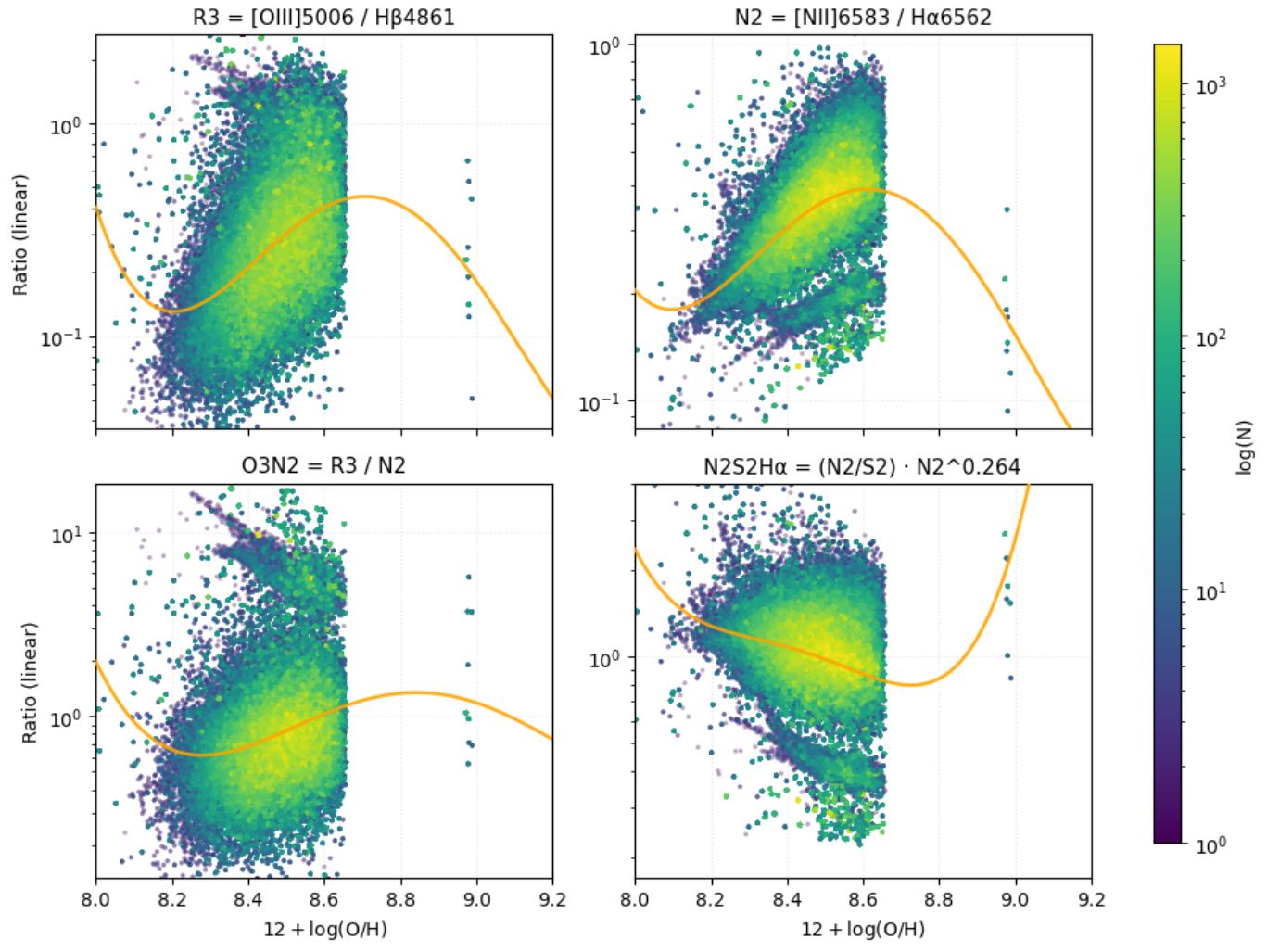
N2-C20

Calibration-style plots using N2-C20 as 12+log(O/H)



S2-C20

Calibration-style plots using S2-C20 as 12+log(O/H)



Combined-C20

Calibration-style plots using Combined-C20 as  $12 + \log(\text{O/H})$

