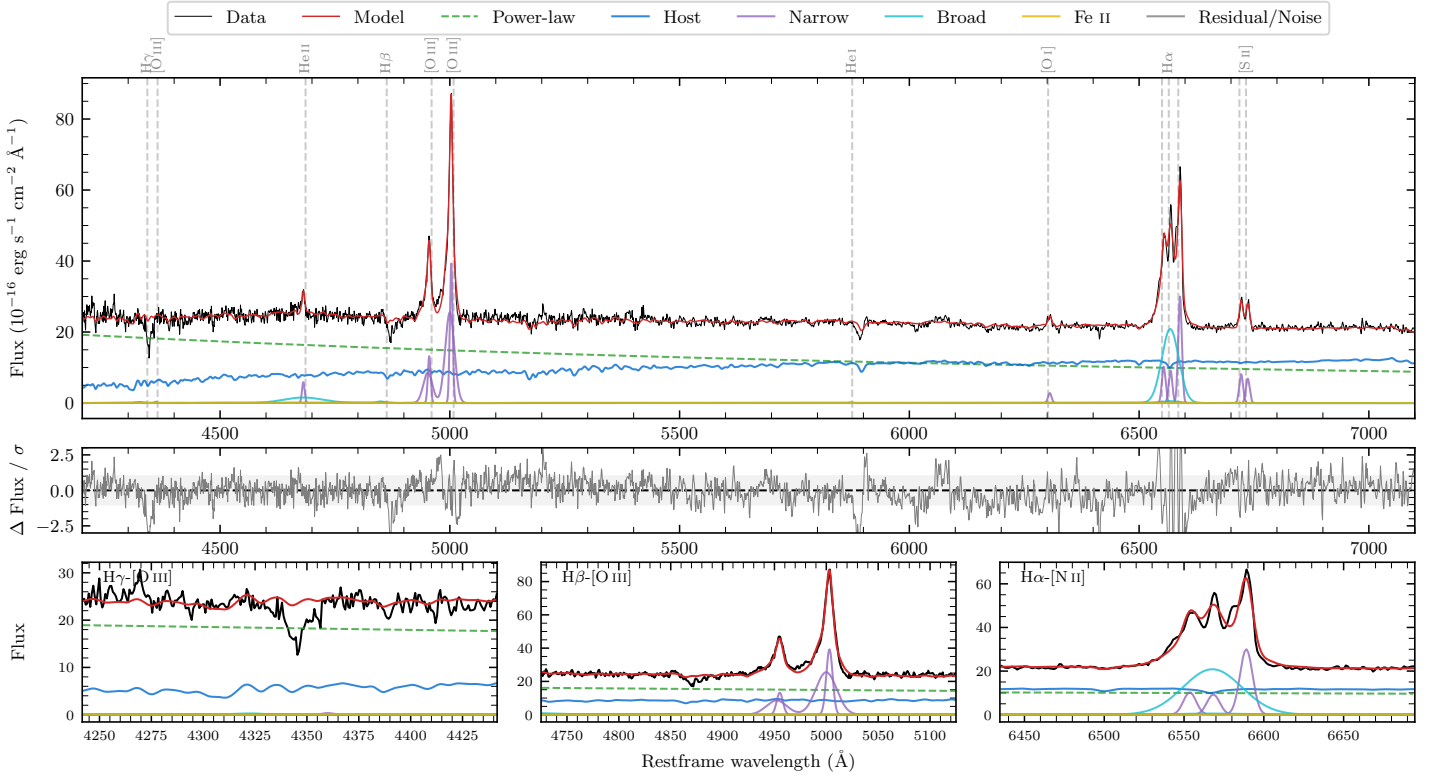
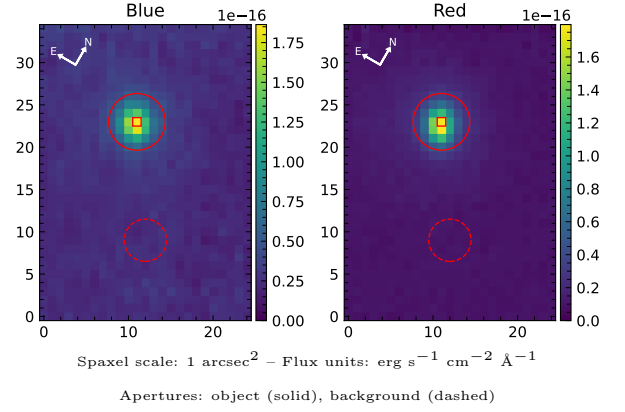


IRAS 05189–2524

Spectrum ID	23178106_sp1	Spectrum type	Sy 1.8+
Alt name	IRAS 05189–2524	Quality flag	good
z	0.0409	AGN reference	S+2003
RA, Dec	80.2558, –25.3626	MW $E(B - V)$	0.025
MJD	60950.76	Power law α_ν	-0.52 ± 0.04
SNR/Å B/R	14.3/26.2	$\log L_{5100, \text{AGN}}$	43.48 ± 0.01
Obs airmass	1.01	$\log H\beta_{\text{Br}}/[\text{O III}]$	< -1.17
SMSS ID	23178106	$\log M_{L5100}/M_\odot$	–
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	6.87 ± 0.03
SMSS $\langle r_6''_{\text{ap}} \rangle$	15.15 ± 0.01	$\log M_{\text{H}\beta}/M_\odot$	–
2MASS K_{ext}	10.38 ± 0.02	$\log M_{[\text{O III}]} / M_\odot$	–



Emission Line Measurements

Line	$\log L$ (erg s $^{-1}$)	FWHM (km s $^{-1}$)	σ (km s $^{-1}$)	EW (Å)
H γ Narrow	–	–	–	–
Hγ Broad	–	–	–	–
[O III] 4364	–	–	–	–
He II Narrow	40.26 ± 0.07	428 ± 62	181 ± 25	2.68 ± 0.29
He II Broad	40.85 ± 0.09	6424 ± 62	2728 ± 25	10.59 ± 1.07
H β Narrow	–	–	–	–
Hβ Broad	< 40.43	–	–	–
[O III] 5007	41.61 ± 0.01	610 ± 63	513 ± 25	66.03 ± 0.58
He I Narrow	–	–	–	–
He I Broad	–	–	–	–
[O I] 6300	40.06 ± 0.06	428 ± 62	181 ± 25	2.67 ± 0.25
H α Narrow	40.60 ± 0.03	428 ± 62	181 ± 25	9.68 ± 0.34
Hα Broad	41.63 ± 0.01	1983 ± 63	727 ± 25	104.09 ± 0.67
[N II] 6585	41.11 ± 0.01	428 ± 62	181 ± 25	31.74 ± 0.36
[S II] 6718	40.55 ± 0.02	428 ± 62	181 ± 25	9.05 ± 0.28
[S II] 6732	40.48 ± 0.03	428 ± 62	181 ± 25	7.72 ± 0.28

Emission Summary

H α broad SNR	13.15
H β broad SNR	0.46
H γ broad SNR	0.00
AGN frac	0.62
Host frac	0.38
$\log L_{5100, \text{Host}}$	43.26
Fe II/H β	–
Fe II/[O III]	–

Quality Flags

spurious_hab/hbb	0/0
15100	0
balmer	2
balmer_snr	2
hb_width	2
balmer_width	2