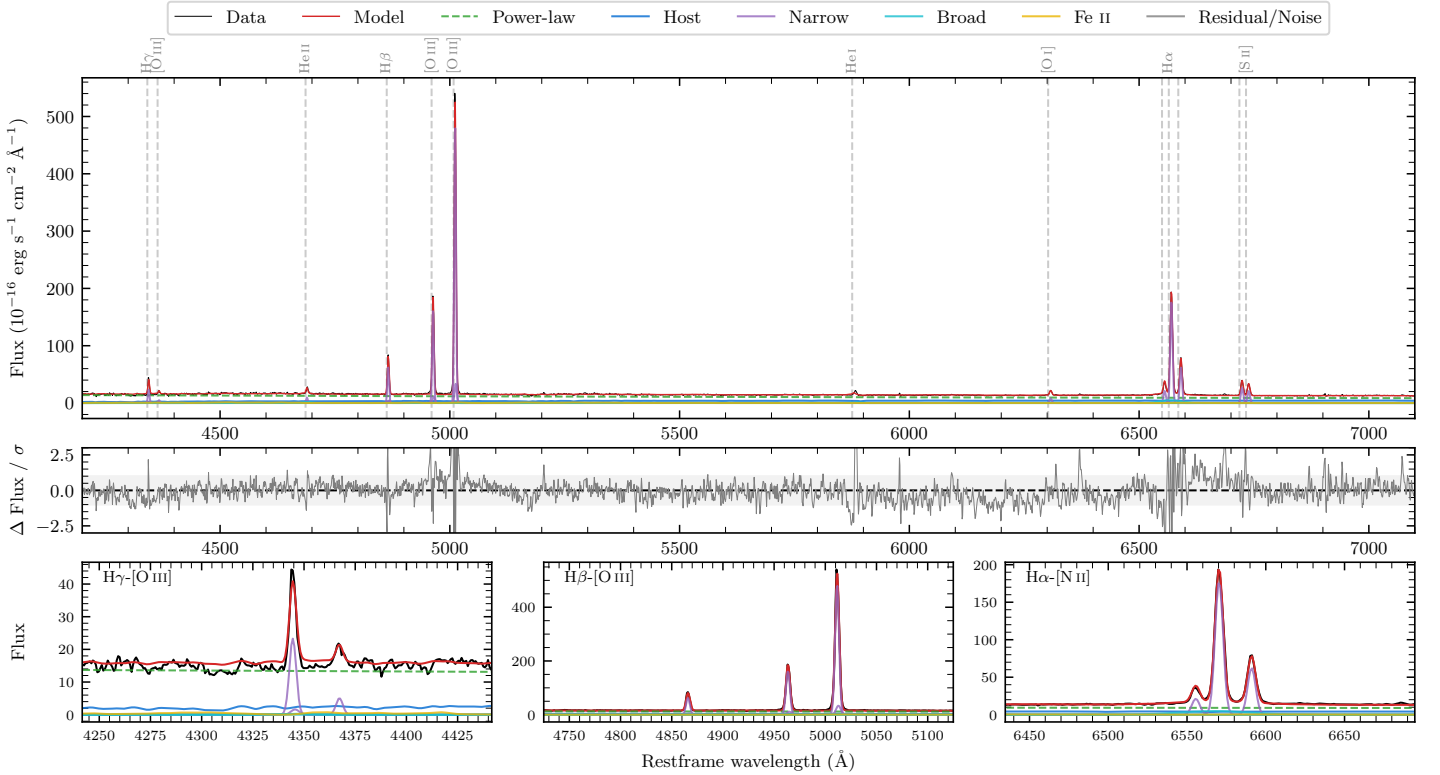
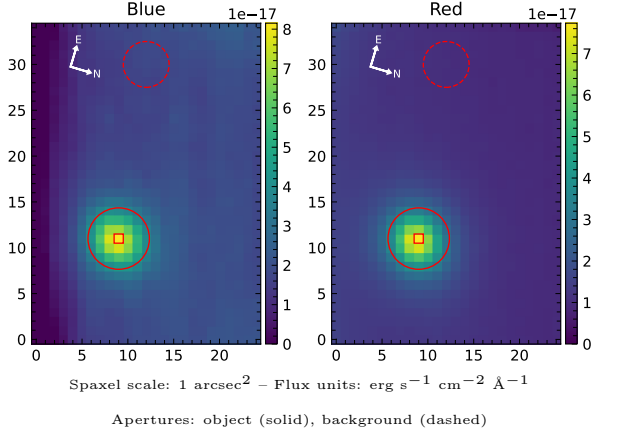


IRAS 11058–1131

Spectrum ID	93079563_sp1	Spectrum type	Sy 2
Alt name	IRAS 11058–1131	Quality flag	good
z	0.0547	AGN reference	PGC
RA, Dec	167.0845, –11.8033	MW $E(B - V)$	0.045
MJD	59350.48	Power law α_ν	-1.07 ± 0.34
SNR/ \AA B/R	8.4/17.0	$\log L_{5100, \text{AGN}}$	43.61 ± 0.04
Obs airmass	1.20	$\log H\beta_{\text{Br}}/[\text{O III}]$	–
SMSS ID	93079563	$\log M_{L5100}/M_\odot$	–
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	–
SMSS $\langle r_6''_{\text{ap}} \rangle$	15.58 ± 0.05	$\log M_{\text{H}\beta}/M_\odot$	–
2MASS K_{ext}	11.64 ± 0.06	$\log M_{[\text{O III}]} / M_\odot$	–



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	40.91 ± 0.03	282 ± 63	122 ± 28	8.32 ± 0.37
Hγ Broad	–	–	–	–
[O III] 4364	40.19 ± 0.15	274 ± 62	115 ± 25	1.69 ± 0.34
He II Narrow	40.50 ± 0.08	274 ± 62	115 ± 25	3.63 ± 0.32
He II Broad	40.51 ± 0.18	1325 ± 72	562 ± 29	3.74 ± 0.68
H β Narrow	41.38 ± 0.01	282 ± 63	122 ± 28	27.54 ± 0.35
Hβ Broad	–	–	–	–
[O III] 5007	42.28 ± 0.01	282 ± 63	122 ± 28	228.02 ± 0.49
He I Narrow	39.98 ± 0.13	274 ± 62	115 ± 25	1.37 ± 0.18
He I Broad	40.45 ± 0.10	1191 ± 64	506 ± 26	3.95 ± 0.38
[O I] 6300	40.56 ± 0.03	274 ± 62	115 ± 25	5.52 ± 0.20
H α Narrow	41.99 ± 0.01	274 ± 62	115 ± 25	130.60 ± 0.33
Hα Broad	–	–	–	–
[N II] 6585	41.53 ± 0.01	274 ± 62	115 ± 25	45.86 ± 0.27
[S II] 6718	41.10 ± 0.01	274 ± 62	115 ± 25	20.42 ± 0.24
[S II] 6732	41.00 ± 0.01	274 ± 62	115 ± 25	16.17 ± 0.23

Emission Summary

H α broad SNR	0.00
H β broad SNR	0.00
H γ broad SNR	0.00
AGN frac	0.78
Host frac	0.22
$\log L_{5100, \text{Host}}$	43.06
Fe II/H β	–
Fe II/[O III]	0.08

Quality Flags

spurious_hab/hbb	1/0
15100	0
balmer	2
balmer_snr	2
hb_width	2
balmer_width	2