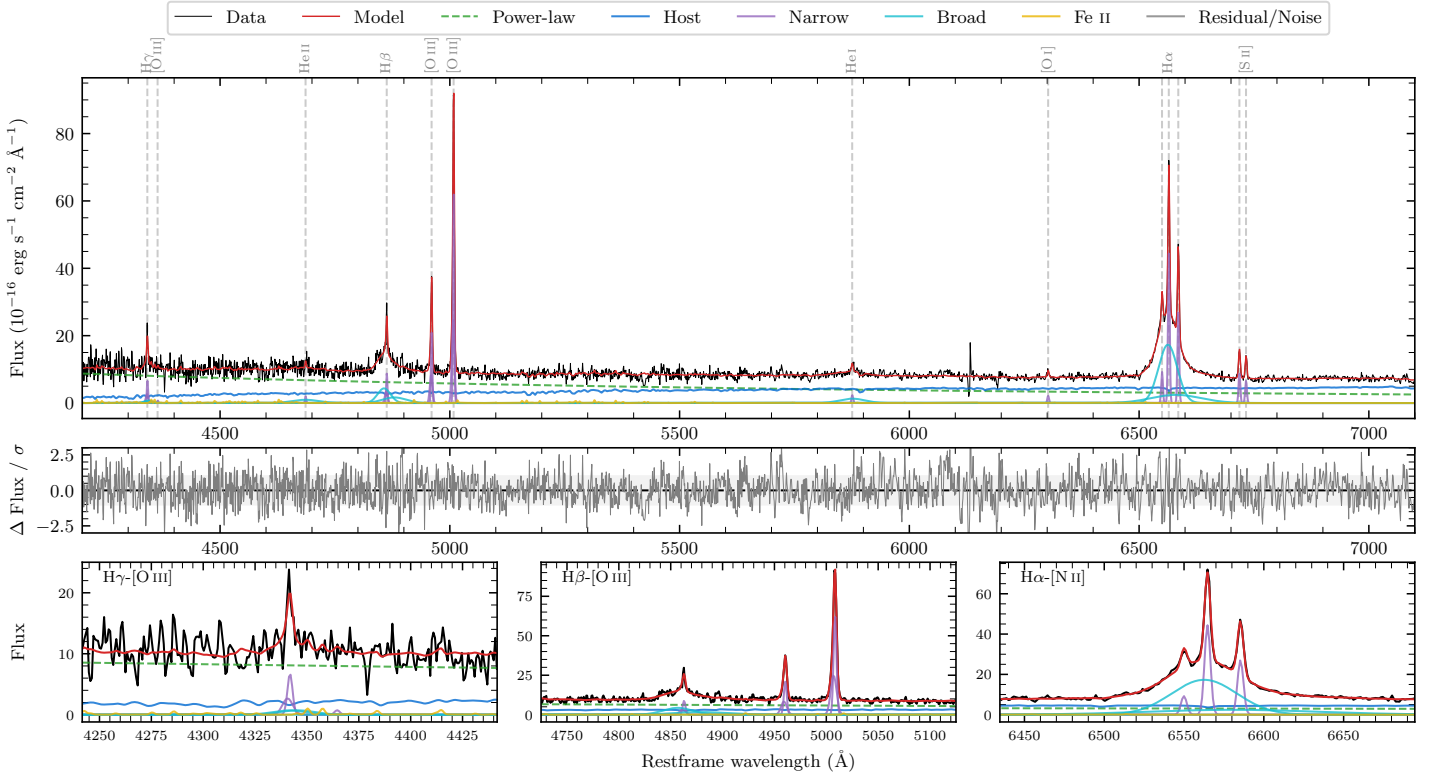
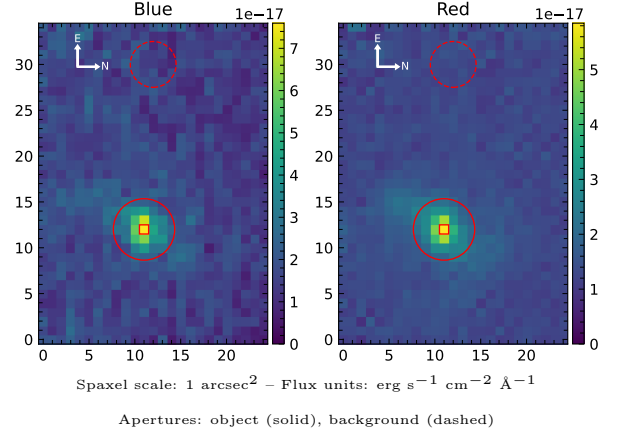


IRAS 12288–4741

Spectrum ID	321338426_sp1	Spectrum type	Sy 1.5
Alt name	g1231372–475802	Quality flag	good
z	0.0280	AGN reference	6dFGS
RA, Dec	187.9048, –47.9672	MW $E(B - V)$	0.088
MJD	61093.51	Power law α_ν	0.36 ± 0.12
SNR/ \AA B/R	7.0/11.8	$\log L_{5100, \text{AGN}}$	42.70 ± 0.02
Obs airmass	1.52	$\log H\beta_{\text{Br}}/[\text{O III}]$	-0.18 ± 0.03
SMSS ID	321338426	$\log M_{L5100}/M_\odot$	7.14 ± 0.07
Neighbour	7.9", 2477131167	$\log M_{\text{H}\alpha}/M_\odot$	6.86 ± 0.04
SMSS $\langle r_6''_{\text{ap}} \rangle$	15.18 ± 0.06	$\log M_{\text{H}\beta}/M_\odot$	7.03 ± 0.08
2MASS K_{ext}	11.03 ± 0.05	$\log M_{[\text{O III}]} / M_\odot$	7.23 ± 0.07



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.83 ± 0.08	241 ± 63	135 ± 25	4.70 ± 0.55
Hγ Broad	39.82 ± 0.18	1360 ± 98	509 ± 37	3.70 ± 1.02
[O III] 4364	–	–	–	–
He II Narrow	39.07 ± 0.25	200 ± 63	84 ± 25	0.97 ± 0.35
He II Broad	40.10 ± 0.12	4287 ± 146	1821 ± 61	10.49 ± 1.74
H β Narrow	40.00 ± 0.04	241 ± 63	135 ± 25	8.98 ± 0.53
Hβ Broad	40.68 ± 0.03	2484 ± 182	1117 ± 55	43.22 ± 1.59
[O III] 5007	40.86 ± 0.01	241 ± 63	135 ± 25	70.42 ± 0.59
He I Narrow	39.25 ± 0.09	200 ± 63	84 ± 25	2.54 ± 0.35
He I Broad	40.21 ± 0.05	3283 ± 144	1394 ± 60	23.02 ± 1.55
[O I] 6300	39.24 ± 0.09	200 ± 63	84 ± 25	2.93 ± 0.41
H α Narrow	40.58 ± 0.01	200 ± 63	84 ± 25	69.30 ± 0.60
Hα Broad	41.35 ± 0.01	2380 ± 67	1055 ± 31	409.41 ± 2.57
[N II] 6585	40.36 ± 0.01	200 ± 63	84 ± 25	42.65 ± 0.56
[S II] 6718	39.88 ± 0.02	200 ± 63	84 ± 25	14.75 ± 0.51
[S II] 6732	39.76 ± 0.03	200 ± 63	84 ± 25	11.23 ± 0.51

Emission Summary

H α broad SNR	14.23
H β broad SNR	3.98
H γ broad SNR	1.19
AGN frac	0.65
Host frac	0.35
$\log L_{5100, \text{Host}}$	42.44
Fe II/H β	0.20
Fe II/[O III]	0.13

Quality Flags

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