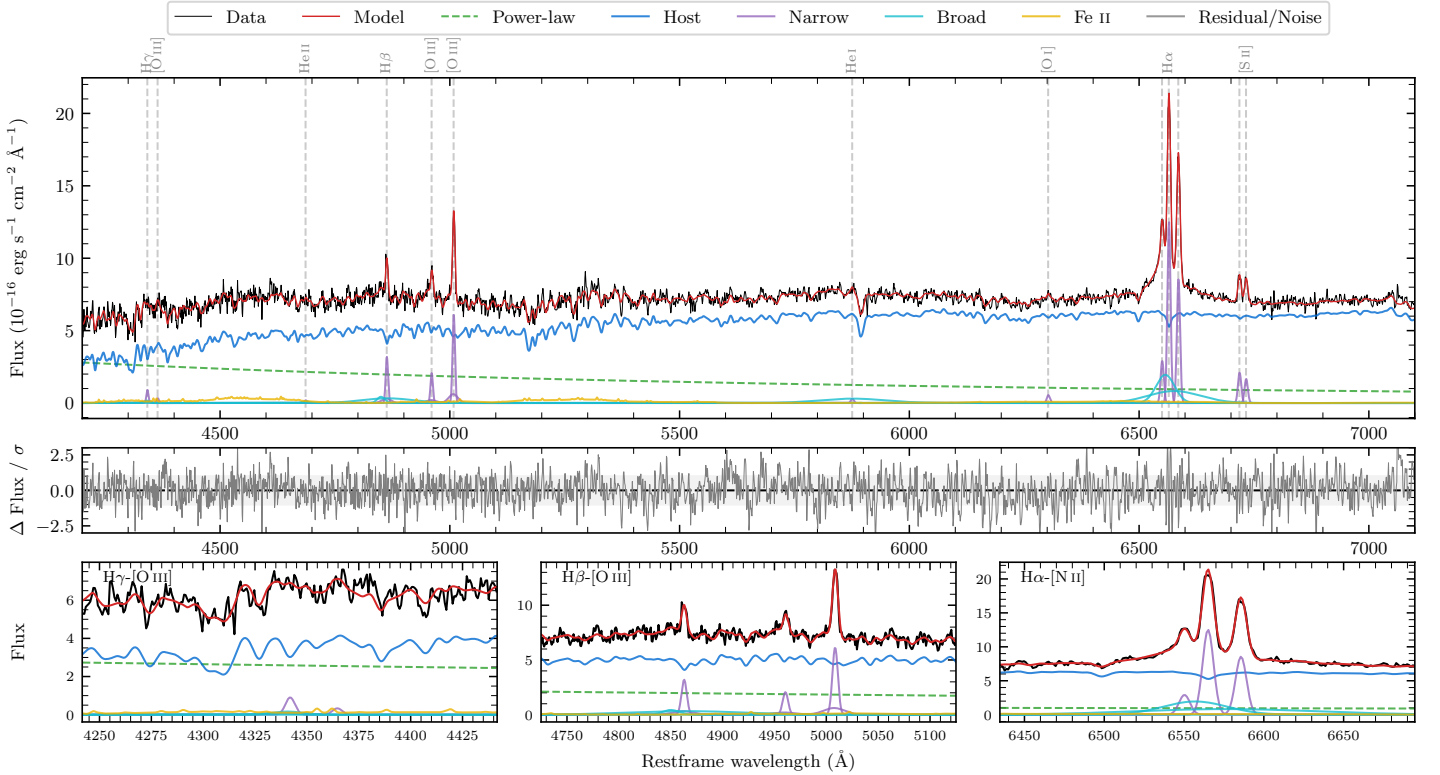
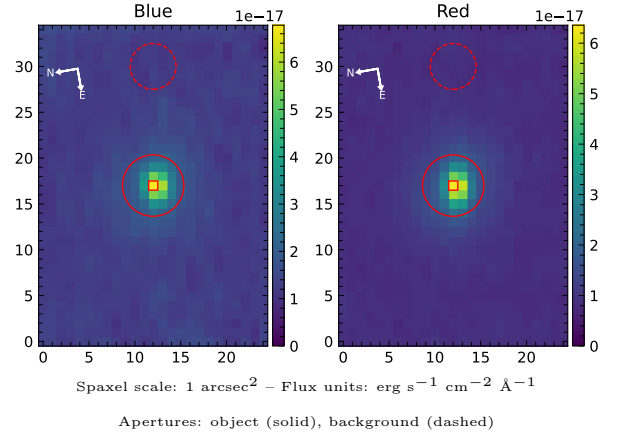


LEDA 608595

Spectrum ID	1709145_sp1	Spectrum type	Sy 1.5
Alt name	g2243086-382827	Quality flag	good
z	0.0668	AGN reference	6dFGS
RA, Dec	340.7858, -38.4742	MW $E(B-V)$	0.011
MJD	60176.56	Power law α_ν	0.41 ± 0.09
SNR/ \AA B/R	18.0/30.9	$\log L_{5100, \text{AGN}}$	42.98 ± 0.04
Obs airmass	1.06	$\log H\beta_{\text{Br}}/[\text{O III}]$	-0.01 ± 0.07
SMSS ID	1709145	$\log M_{L5100}/M_\odot$	7.05 ± 0.25
Neighbour	None $< 15''$	$\log M_{\text{H}\alpha}/M_\odot$	7.00 ± 0.04
SMSS $\langle r_6''_{\text{ap}} \rangle$	16.61 ± 0.06	$\log M_{\text{H}\beta}/M_\odot$	6.87 ± 0.26
2MASS K_{ext}	12.68 ± 0.10	$\log M_{[\text{O III}]} / M_\odot$	7.00 ± 0.25



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.92 ± 0.16	398 ± 63	343 ± 37	2.95 ± 0.77
Hγ Broad	—	—	—	—
[O III] 4364	39.34 ± 0.31	371 ± 63	157 ± 25	0.80 ± 0.40
He II Narrow	39.14 ± 0.42	371 ± 63	157 ± 25	0.60 ± 0.43
He II Broad	39.46 ± 0.39	1179 ± 62	501 ± 25	1.25 ± 0.76
H β Narrow	40.51 ± 0.04	398 ± 63	343 ± 37	15.29 ± 0.96
Hβ Broad	40.80 ± 0.07	1950 ± 533	2616 ± 99	29.68 ± 2.30
[O III] 5007	40.81 ± 0.02	398 ± 63	343 ± 37	32.54 ± 1.05
He I Narrow	39.43 ± 0.20	371 ± 63	157 ± 25	2.00 ± 0.54
He I Broad	40.80 ± 0.05	8668 ± 65	3681 ± 26	47.17 ± 2.77
[O I] 6300	39.72 ± 0.09	371 ± 63	157 ± 25	4.60 ± 0.61
H α Narrow	41.09 ± 0.01	371 ± 63	157 ± 25	120.68 ± 0.86
Hα Broad	41.40 ± 0.01	2693 ± 90	1517 ± 36	242.56 ± 3.22
[N II] 6585	40.93 ± 0.01	371 ± 63	157 ± 25	83.36 ± 0.82
[S II] 6718	40.33 ± 0.03	371 ± 63	157 ± 25	21.89 ± 0.79
[S II] 6732	40.23 ± 0.03	371 ± 63	157 ± 25	17.50 ± 0.82

Emission Summary

H α broad SNR	7.06
H β broad SNR	1.93
H γ broad SNR	0.72
AGN frac	0.26
Host frac	0.74
$\log L_{5100, \text{Host}}$	43.43
Fe II/H β	1.45
Fe II/[O III]	1.42

Quality Flags

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