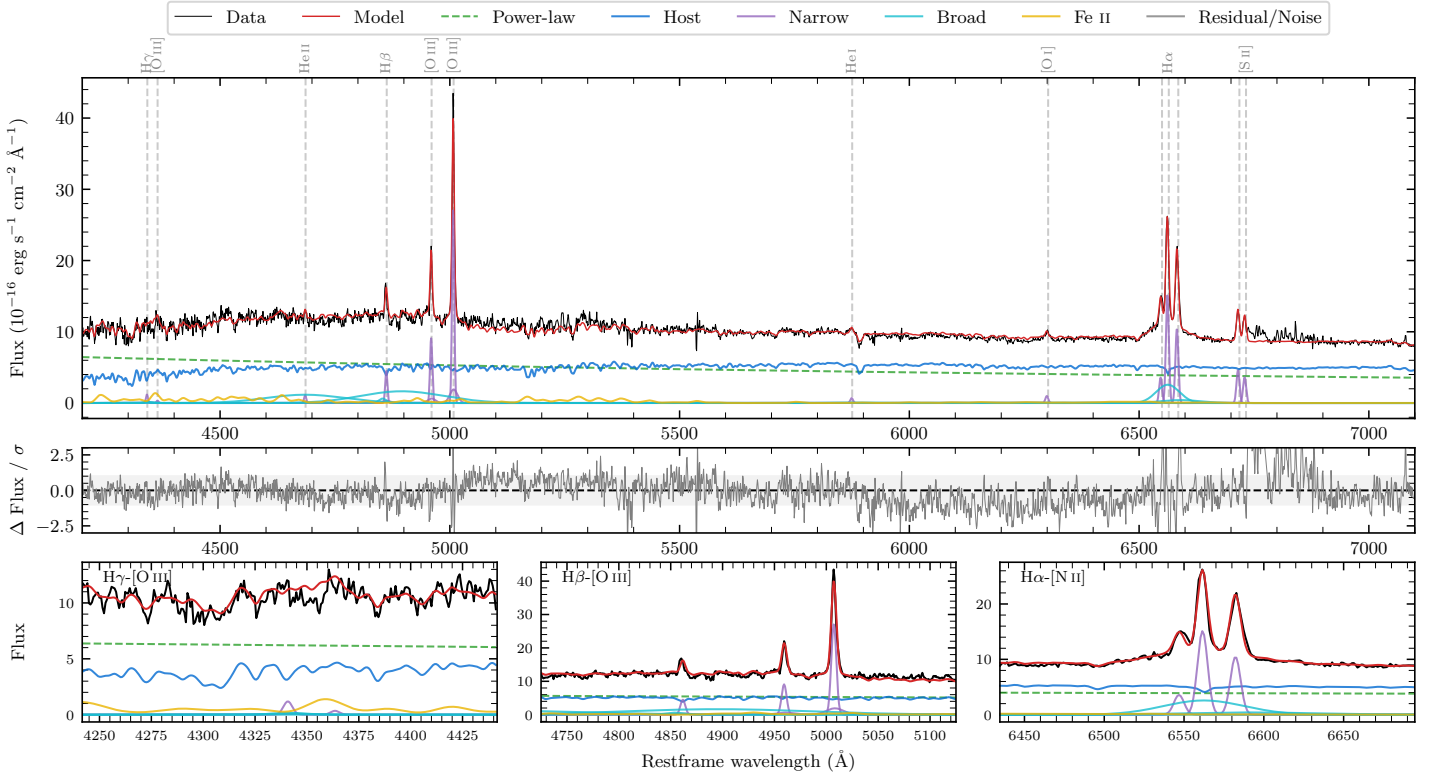
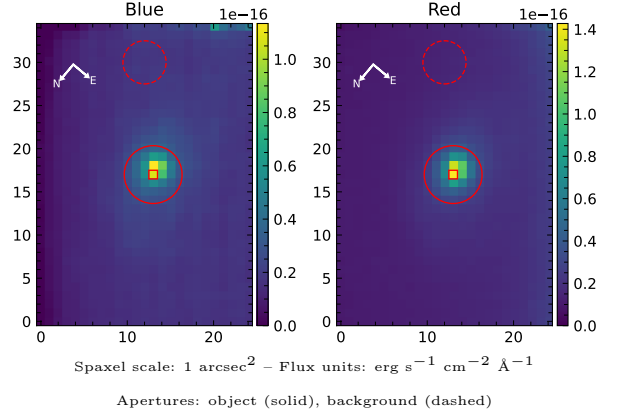


LEDA 182735

Spectrum ID	93831567_sp1	Spectrum type	Sy 1.8+
Alt name	g1132201-050513	Quality flag	good
z	0.0639	AGN reference	6dFGS
RA, Dec	173.0837, -5.0870	MW $E(B - V)$	0.036
MJD	60783.41	Power law α_ν	-0.87 ± 0.06
SNR/ \AA B/R	12.2/28.2	$\log L_{5100, \text{AGN}}$	43.41 ± 0.01
Obs airmass	1.28	$\log H\beta_{\text{Br}}/[\text{O III}]$	< -0.64
SMSS ID	93831567	$\log M_{L5100}/M_\odot$	—
Neighbour	5.3", 2153731704	$\log M_{H\alpha}/M_\odot$	7.03 ± 0.04
SMSS $\langle r_6''_{\text{ap}} \rangle$	16.17 ± 0.03	$\log M_{H\beta}/M_\odot$	—
2MASS K_{ext}	12.48 ± 0.10	$\log M_{[\text{O III}]} / M_\odot$	—



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	39.91 ± 0.27	361 ± 63	257 ± 31	1.35 ± 0.81
Hγ Broad	—	—	—	—
[O III] 4364	—	—	—	—
He II Narrow	39.82 ± 0.24	348 ± 62	146 ± 25	1.18 ± 0.41
He II Broad	—	—	—	—
H β Narrow	40.54 ± 0.06	361 ± 63	257 ± 31	6.46 ± 0.72
Hβ Broad	< 40.69	—	—	—
[O III] 5007	41.33 ± 0.01	361 ± 63	257 ± 31	41.40 ± 0.79
He I Narrow	39.72 ± 0.13	348 ± 62	146 ± 25	1.21 ± 0.21
He I Broad	39.58 ± 0.43	3468 ± 63	1473 ± 25	0.87 ± 0.65
[O I] 6300	39.90 ± 0.08	348 ± 62	146 ± 25	1.99 ± 0.21
H α Narrow	41.10 ± 0.01	348 ± 62	146 ± 25	33.11 ± 0.27
Hα Broad	41.34 ± 0.02	2905 ± 79	1167 ± 43	56.87 ± 0.90
[N II] 6585	40.95 ± 0.01	348 ± 62	146 ± 25	23.08 ± 0.25
[S II] 6718	40.60 ± 0.02	348 ± 62	146 ± 25	10.60 ± 0.25
[S II] 6732	40.49 ± 0.02	348 ± 62	146 ± 25	8.36 ± 0.26

Emission Summary

H α broad SNR	3.44
H β broad SNR	0.74
H γ broad SNR	0.00
AGN frac	0.52
Host frac	0.48
$\log L_{5100, \text{Host}}$	43.37
Fe II/H β	—
Fe II/[O III]	—

Quality Flags

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