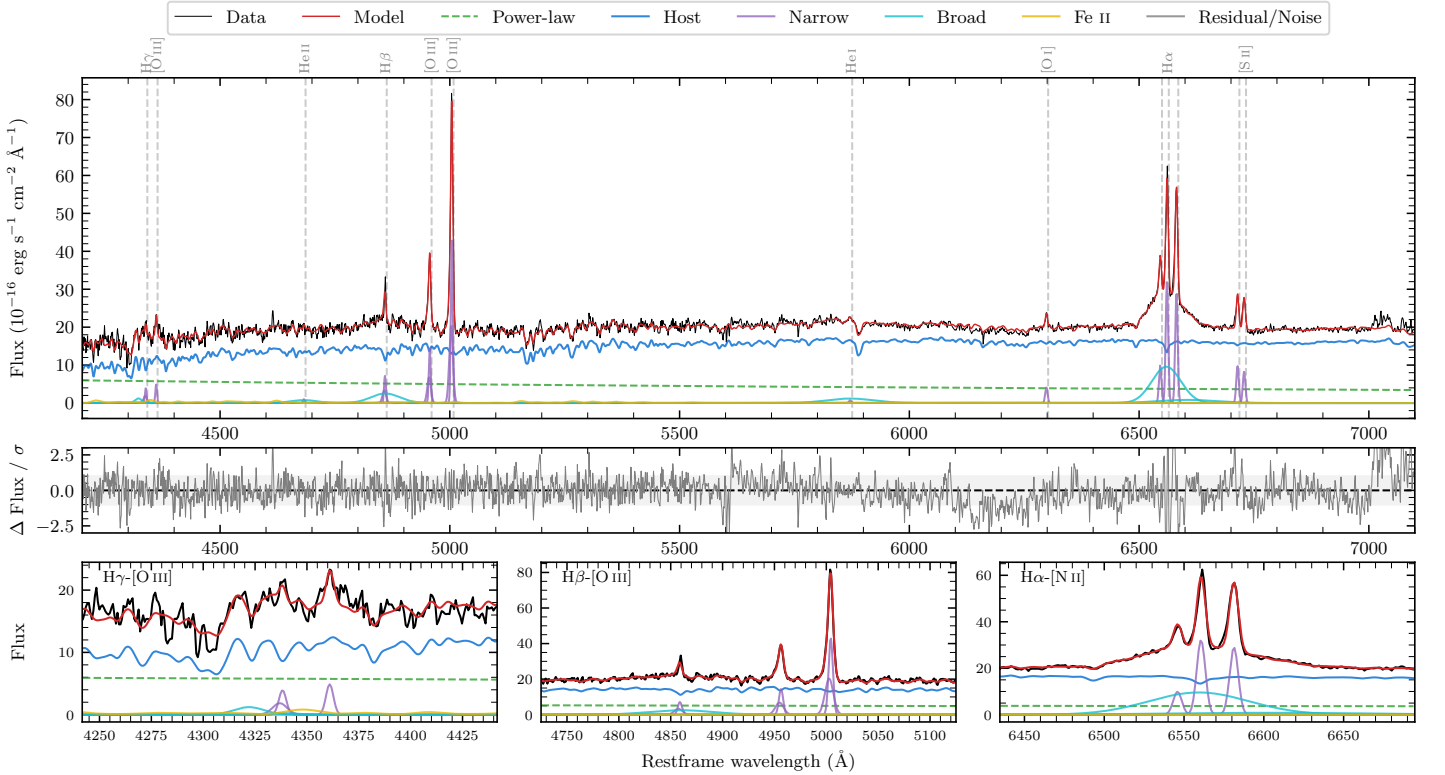
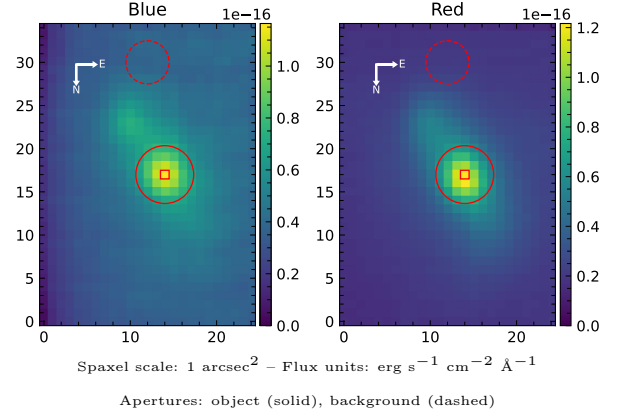


MCG-01-34-008

Spectrum ID	107322162_sp1	Spectrum type	Sy 1.5
Alt name	g1310171-072716	Quality flag	good
z	0.0221	AGN reference	6dFGS
RA, Dec	197.5713, -7.4544	MW $E(B-V)$	0.040
MJD	60402.65	Power law α_ν	-0.94 ± 0.29
SNR/ \AA B/R	17.5/31.1	$\log L_{5100, \text{AGN}}$	42.47 ± 0.05
Obs airmass	1.14	$\log H\beta_{\text{Br}}/[\text{O III}]$	-0.32 ± 0.04
SMSS ID	107322162	$\log M_{L5100}/M_\odot$	7.52 ± 0.06
Neighbour	6.9", 107322161	$\log M_{\text{H}\alpha}/M_\odot$	7.01 ± 0.04
SMSS $\langle r_6''_{\text{ap}} \rangle$	15.20 ± 0.10	$\log M_{\text{H}\beta}/M_\odot$	7.38 ± 0.08
2MASS K_{ext}	10.57 ± 0.05	$\log M_{[\text{O III}]} / M_\odot$	7.64 ± 0.06



Emission Line Measurements

Line	$\log L$ (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (\AA)
H γ Narrow	39.62 ± 0.08	357 ± 63	195 ± 25	5.96 ± 0.71
Hγ Broad	39.55 ± 0.16	1301 ± 170	500 ± 74	4.75 ± 1.15
[O III] 4364	39.43 ± 0.09	294 ± 63	123 ± 25	3.91 ± 0.53
He II Narrow	38.78 ± 0.31	294 ± 63	123 ± 25	0.94 ± 0.44
He II Broad	39.83 ± 0.12	4215 ± 123	1790 ± 52	10.44 ± 1.71
H β Narrow	39.93 ± 0.03	357 ± 63	195 ± 25	13.72 ± 0.63
Hβ Broad	40.40 ± 0.03	4310 ± 248	1638 ± 61	40.49 ± 1.79
[O III] 5007	40.72 ± 0.01	357 ± 63	195 ± 25	88.11 ± 0.69
He I Narrow	38.74 ± 0.24	294 ± 63	123 ± 25	1.10 ± 0.39
He I Broad	40.26 ± 0.04	6018 ± 117	2555 ± 49	36.22 ± 1.97
[O I] 6300	39.52 ± 0.04	294 ± 63	123 ± 25	7.04 ± 0.42
H α Narrow	40.43 ± 0.01	294 ± 63	123 ± 25	59.73 ± 0.50
Hα Broad	41.03 ± 0.01	3509 ± 75	1430 ± 46	242.63 ± 2.11
[N II] 6585	40.38 ± 0.01	294 ± 63	123 ± 25	54.16 ± 0.48
[S II] 6718	39.92 ± 0.02	294 ± 63	123 ± 25	19.02 ± 0.53
[S II] 6732	39.85 ± 0.02	294 ± 63	123 ± 25	16.26 ± 0.52

Emission Summary

H α broad SNR	8.98
H β broad SNR	2.44
H γ broad SNR	1.16
AGN frac	0.26
Host frac	0.74
$\log L_{5100, \text{Host}}$	42.93
Fe II/H β	0.45
Fe II/[O III]	0.21

Quality Flags

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