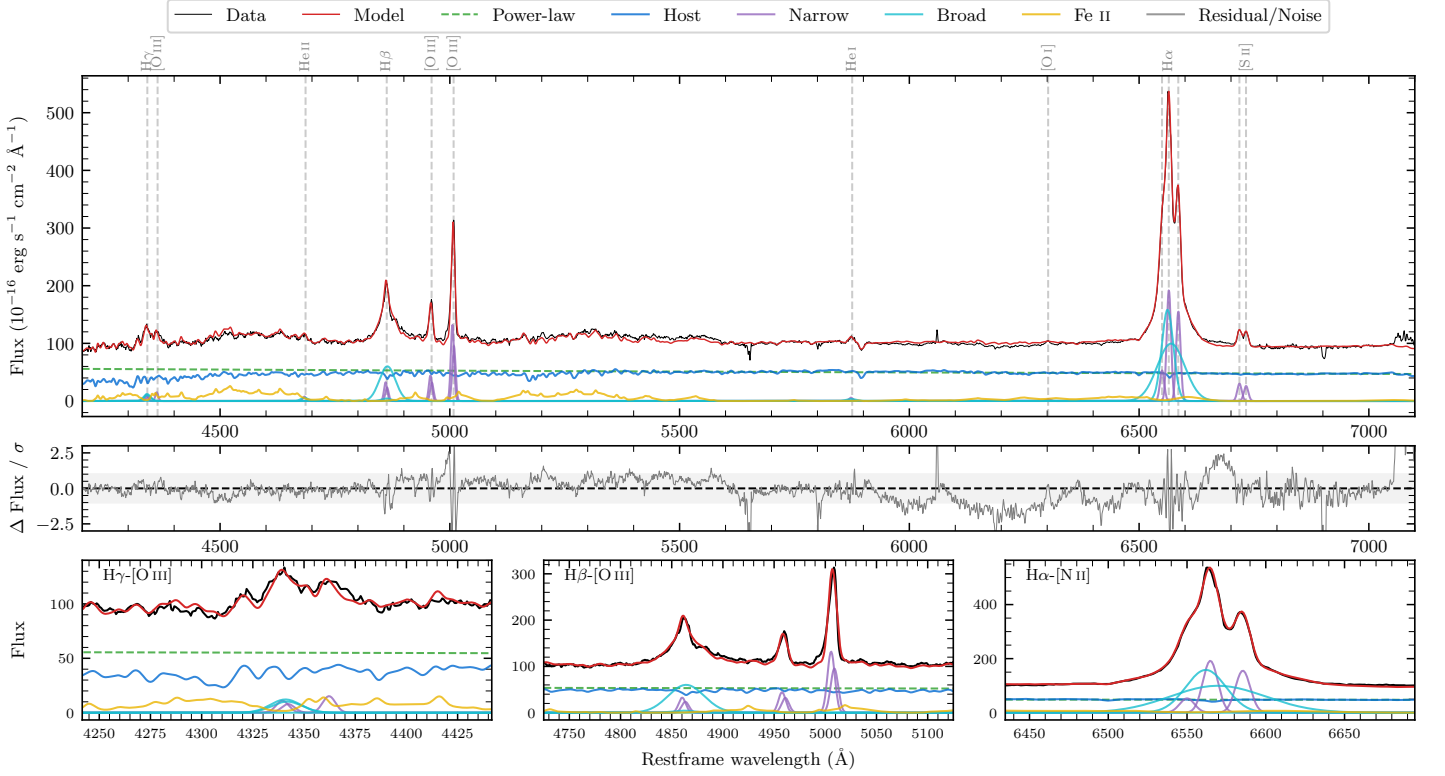
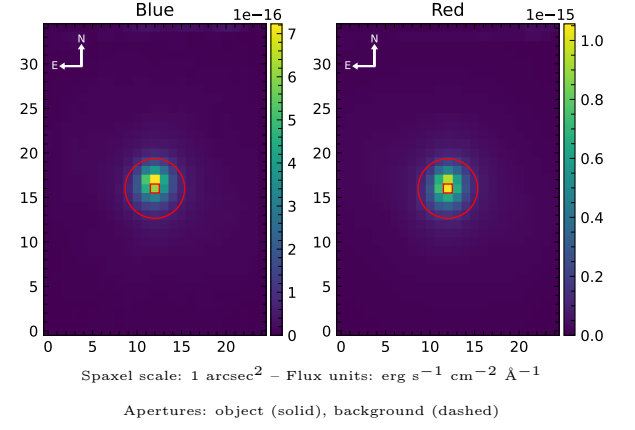


MCG-07-27-032

Spectrum ID	95691489_sp1	Spectrum type	Sy 1.5
Alt name	ESO323-G77	Quality flag	good
z	0.0157	AGN reference	S7
RA, Dec	196.6092, -40.4144	MW $E(B-V)$	0.086
MJD	60768.44	Power law α_ν	-1.67 ± 0.04
SNR/ \AA B/R	13.5/29.9	$\log L_{5100, \text{AGN}}$	43.16 ± 0.01
Obs airmass	1.48	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.15 ± 0.03
SMSS ID	95691489	$\log M_{L5100}/M_\odot$	7.34 ± 0.06
Neighbour	3.4", 2156470043	$\log M_{\text{H}\alpha}/M_\odot$	6.91 ± 0.04
SMSS $\langle r_6^{\text{ap}} \rangle$	13.50 ± 0.07	$\log M_{\text{H}\beta}/M_\odot$	7.27 ± 0.07
2MASS K_{ext}	8.80 ± 0.02	$\log M_{[\text{O III}]} / M_\odot$	7.34 ± 0.07



Emission Line Measurements

Line	$\log L$ (erg s ⁻¹)	FWHM (km s ⁻¹)	σ (km s ⁻¹)	EW (Å)
H γ Narrow	39.90 ± 0.31	559 ± 64	235 ± 26	2.74 ± 0.58
Hγ Broad	40.46 ± 0.11	1201 ± 107	457 ± 45	7.60 ± 0.85
[O III] 4364	39.82 ± 0.19	507 ± 65	214 ± 26	2.19 ± 0.54
He II Narrow	39.56 ± 0.31	507 ± 65	214 ± 26	1.24 ± 0.41
He II Broad	39.82 ± 0.27	1183 ± 77	502 ± 32	2.11 ± 0.63
H β Narrow	40.43 ± 0.08	559 ± 64	235 ± 26	9.42 ± 0.46
Hβ Broad	41.20 ± 0.03	2509 ± 176	924 ± 82	52.65 ± 0.95
[O III] 5007	41.06 ± 0.01	559 ± 64	235 ± 26	39.77 ± 0.46
He I Narrow	39.55 ± 0.21	507 ± 65	214 ± 26	1.29 ± 0.22
He I Broad	39.80 ± 0.18	1207 ± 214	512 ± 90	1.89 ± 0.33
[O I] 6300	39.32 ± 0.19	507 ± 65	214 ± 26	0.79 ± 0.21
H α Narrow	41.10 ± 0.02	507 ± 65	214 ± 26	47.69 ± 0.39
Hα Broad	41.84 ± 0.01	1788 ± 75	862 ± 25	264.52 ± 0.69
[N II] 6585	41.01 ± 0.02	507 ± 65	214 ± 26	38.79 ± 0.36
[S II] 6718	40.30 ± 0.02	507 ± 65	214 ± 26	7.72 ± 0.24
[S II] 6732	40.24 ± 0.03	507 ± 65	214 ± 26	6.71 ± 0.24

Emission Summary

H α broad SNR	32.64
H β broad SNR	8.19
H γ broad SNR	3.25
AGN frac	0.53
Host frac	0.47
$\log L_{5100, \text{Host}}$	43.11
Fe II/H β	1.52
Fe II/[O III]	2.03

Quality Flags

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