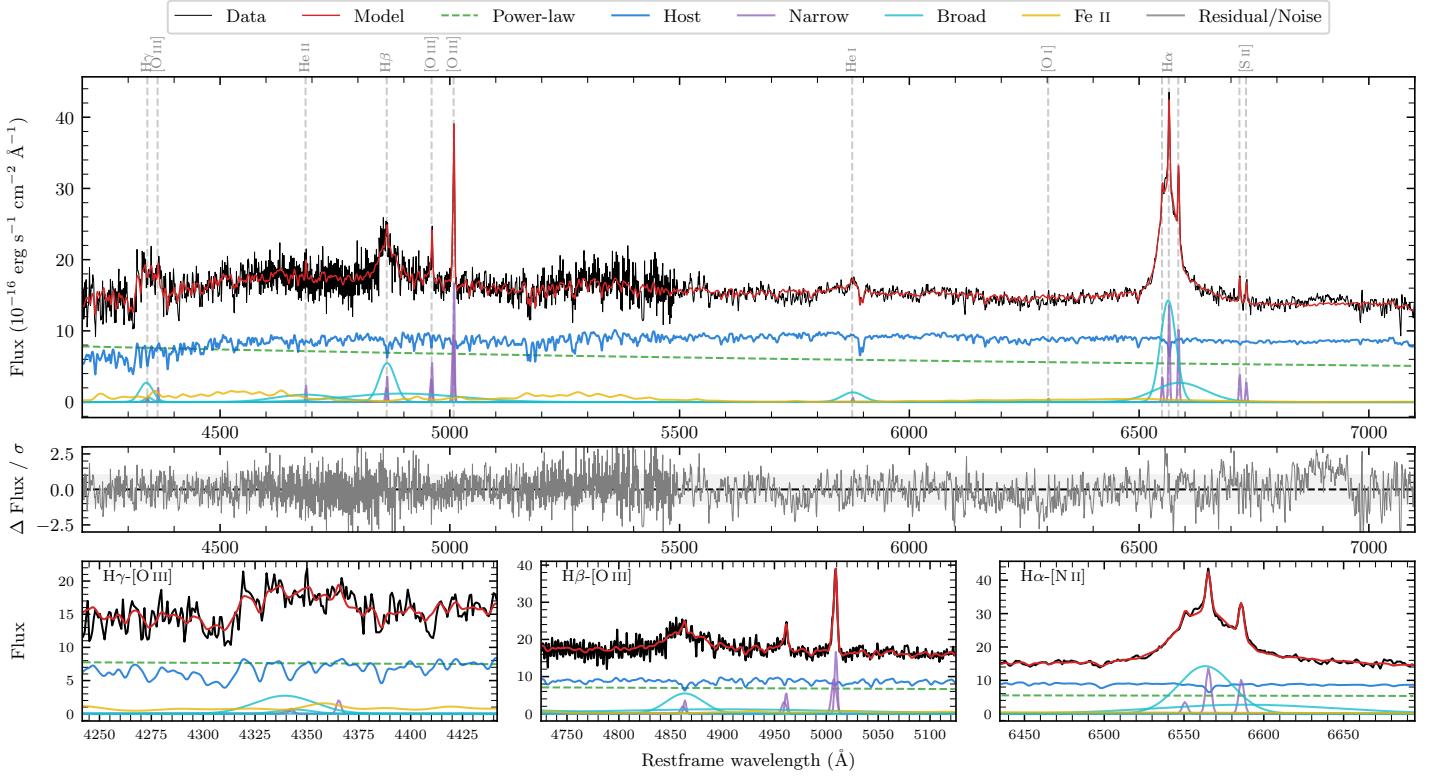
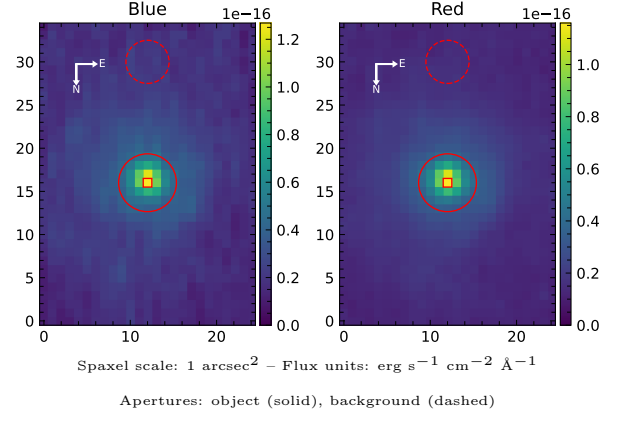


MCG-01-01-043

Spectrum ID	13120033_sp1	Spectrum type	Bad
Alt name	g0010100-044238	Quality flag	bad_blue
z	0.0289	AGN reference	6dFGS
RA, Dec	2.5416, -4.7105	MW $E(B-V)$	0.029
MJD	60260.44	Power law α_ν	-1.18 ± 0.07
SNR/ \AA B/R	12.1/24.1	$\log L_{5100, \text{AGN}}$	42.83 ± 0.03
Obs airmass	1.12	$\log H\beta_{\text{Br}}/[\text{O III}]$	0.36 ± 0.22
SMSS ID	13120033	$\log M_{L5100}/M_\odot$	7.21 ± 0.03
Neighbour	12.3", 2024411840	$\log M_{H\alpha}/M_\odot$	6.69 ± 0.04
SMSS $\langle r_6^{\text{ap}} \rangle$	15.66 ± 0.07	$\log M_{H\beta}/M_\odot$	7.05 ± 0.12
2MASS K_{ext}	11.19 ± 0.05	$\log M_{[\text{O III}]} / M_\odot$	7.00 ± 0.06



Emission Line Measurements

Line	$\log L$ (erg s $^{-1}$)	FWHM (km s $^{-1}$)	σ (km s $^{-1}$)	EW (\AA)
H γ Narrow	38.94 ± 0.43	240 ± 64	125 ± 26	0.57 ± 0.56
Hγ Broad	40.37 ± 0.08	2159 ± 185	827 ± 40	15.10 ± 1.54
[O III] 4364	39.06 ± 0.31	181 ± 63	76 ± 25	0.77 ± 0.38
He II Narrow	39.17 ± 0.21	181 ± 63	76 ± 25	1.03 ± 0.34
He II Broad	—	—	—	—
H β Narrow	39.66 ± 0.11	240 ± 64	125 ± 26	3.26 ± 0.47
Hβ Broad	$40.69^{+0.40}_{-0.03}$	2542 ± 53	949 ± 28	35.72 ± 1.26
[O III] 5007	40.34 ± 0.02	240 ± 64	125 ± 26	16.06 ± 0.47
He I Narrow	38.71 ± 0.33	181 ± 63	76 ± 25	0.43 ± 0.20
He I Broad	40.22 ± 0.05	2857 ± 81	1213 ± 33	14.11 ± 1.04
[O I] 6300	38.62 ± 0.33	181 ± 63	76 ± 25	0.37 ± 0.19
H α Narrow	40.07 ± 0.03	181 ± 63	76 ± 25	10.78 ± 0.28
Hα Broad	41.30 ± 0.01	2018 ± 66	1101 ± 26	186.57 ± 1.38
[N II] 6585	39.95 ± 0.03	181 ± 63	76 ± 25	8.17 ± 0.29
[S II] 6718	39.54 ± 0.05	181 ± 63	76 ± 25	3.27 ± 0.25
[S II] 6732	39.38 ± 0.07	181 ± 63	76 ± 25	2.26 ± 0.24

Emission Summary

H α broad SNR	12.20
H β broad SNR	4.00
H γ broad SNR	2.54
AGN frac	0.46
Host frac	0.54
$\log L_{5100, \text{Host}}$	42.91
Fe II/H β	—
Fe II/[O III]	—

Quality Flags

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