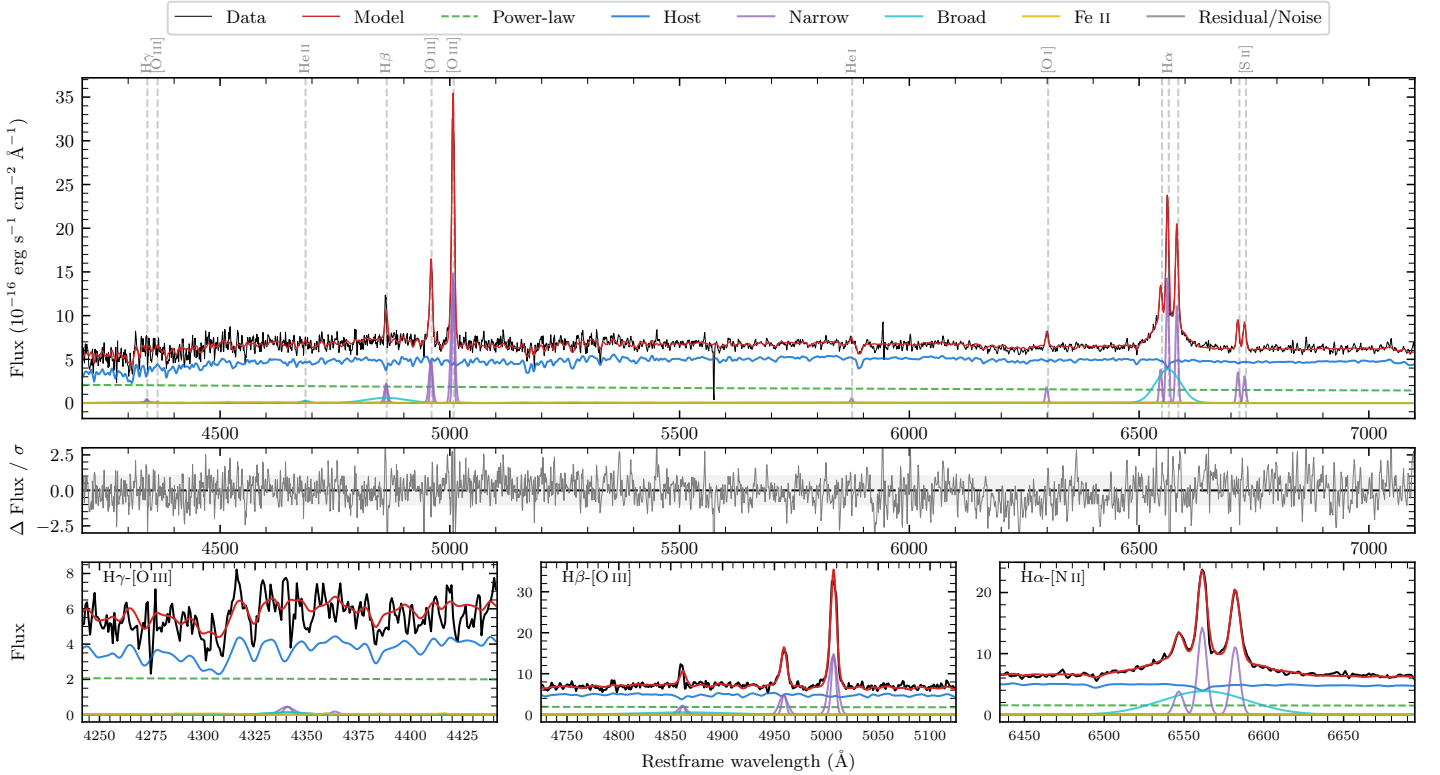
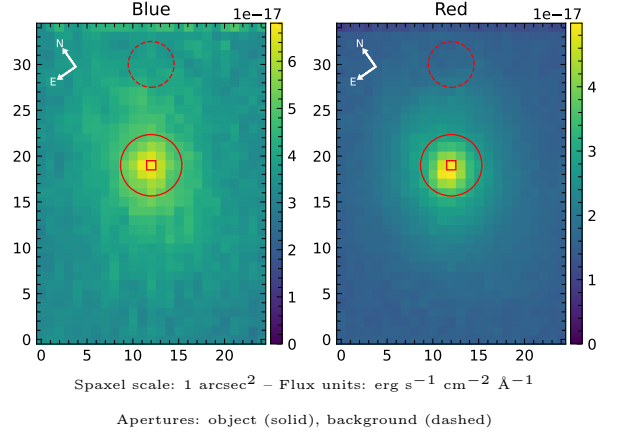


MCG-05-10-008

Spectrum ID	18019672_sp1	Spectrum type	Sy 1.8
Alt name	g0403174-304810	Quality flag	good
z	0.0602	AGN reference	6dFGS
RA, Dec	60.8224, -30.8026	MW $E(B-V)$	0.011
MJD	60607.69	Power law α_ν	-1.29 ± 0.09
SNR/ \AA B/R	10.7/22.1	$\log L_{5100, \text{AGN}}$	42.91 ± 0.03
Obs airmass	1.01	$\log H\beta_{\text{Br}}/[\text{O III}]$	-0.52 ± 0.08
SMSS ID	18019672	$\log M_{L5100}/M_\odot$	7.92 ± 0.12
Neighbour	13.9", 18019671	$\log M_{\text{H}\alpha}/M_\odot$	7.04 ± 0.03
SMSS $\langle r_6''_{\text{ap}} \rangle$	16.67 ± 0.08	$\log M_{\text{H}\beta}/M_\odot$	7.78 ± 0.13
2MASS K_{ext}	12.47 ± 0.14	$\log M_{[\text{O III}]} / M_\odot$	8.16 ± 0.12



Emission Line Measurements

Line	$\log L$ (erg s $^{-1}$)	FWHM (km s $^{-1}$)	σ (km s $^{-1}$)	EW (Å)
H γ Narrow	39.75 ± 0.29	409 ± 63	214 ± 25	3.19 ± 1.14
Hγ Broad	—	—	—	—
[O III] 4364	—	—	—	—
He II Narrow	—	—	—	—
He II Broad	39.74 ± 0.35	1243 ± 63	528 ± 25	3.23 ± 1.58
H β Narrow	40.49 ± 0.05	409 ± 63	214 ± 25	18.75 ± 1.05
Hβ Broad	40.81 ± 0.08	5517 ± 762	2291 ± 45	38.46 ± 3.47
[O III] 5007	41.33 ± 0.01	409 ± 63	214 ± 25	132.02 ± 1.14
He I Narrow	39.53 ± 0.15	309 ± 62	129 ± 25	2.37 ± 0.48
He I Broad	39.42 ± 0.47	3688 ± 63	1566 ± 25	1.83 ± 1.64
[O I] 6300	40.07 ± 0.04	309 ± 62	129 ± 25	8.52 ± 0.58
H α Narrow	40.97 ± 0.01	309 ± 62	129 ± 25	70.82 ± 0.63
Hα Broad	41.39 ± 0.01	2852 ± 75	1060 ± 25	183.39 ± 1.74
[N II] 6585	40.87 ± 0.01	309 ± 62	129 ± 25	55.79 ± 0.60
[S II] 6718	40.38 ± 0.02	309 ± 62	129 ± 25	18.24 ± 0.52
[S II] 6732	40.32 ± 0.03	309 ± 62	129 ± 25	15.93 ± 0.54

Emission Summary

H α broad SNR	6.67
H β broad SNR	1.25
H γ broad SNR	0.64
AGN frac	0.28
Host frac	0.72
$\log L_{5100, \text{Host}}$	43.31
Fe II/H β	0.29
Fe II/[O III]	0.09

Quality Flags

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