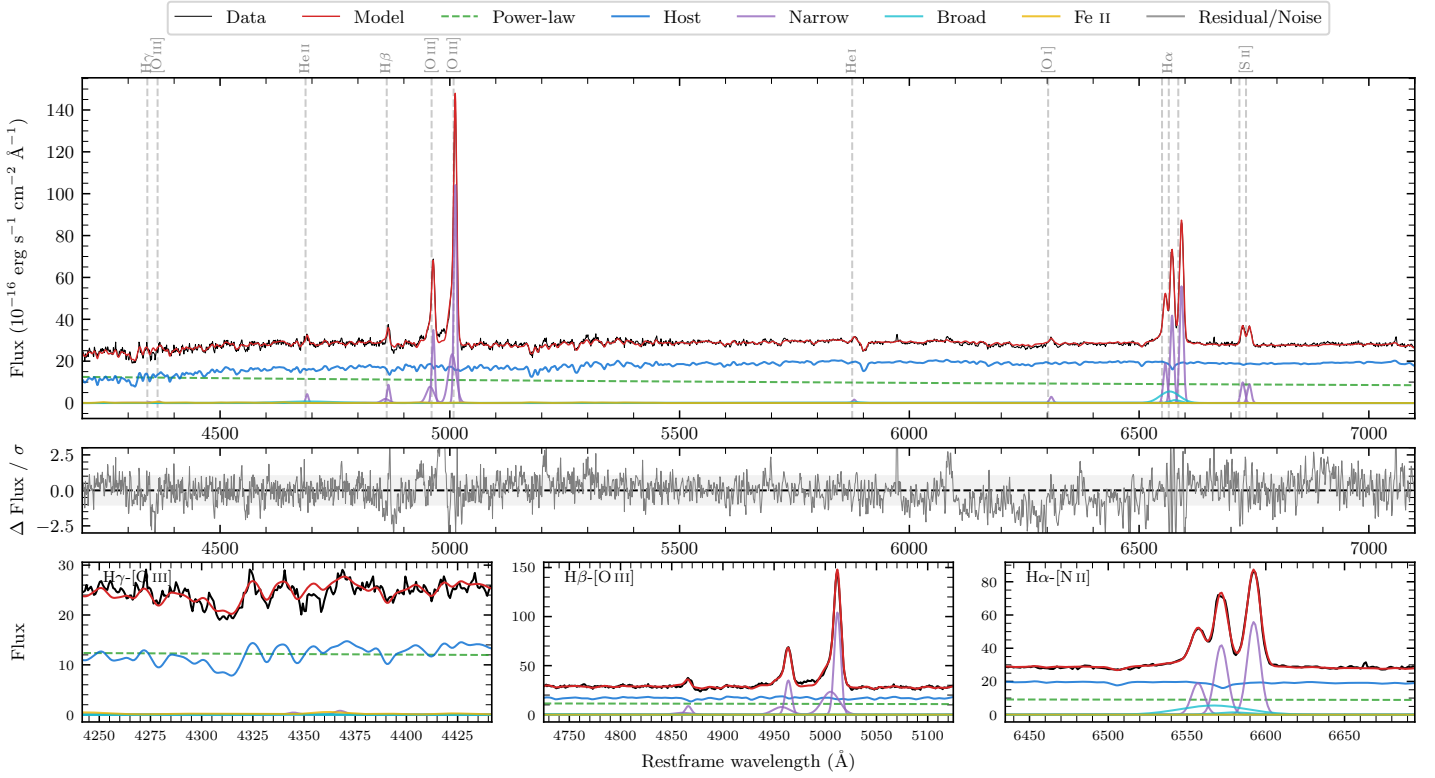
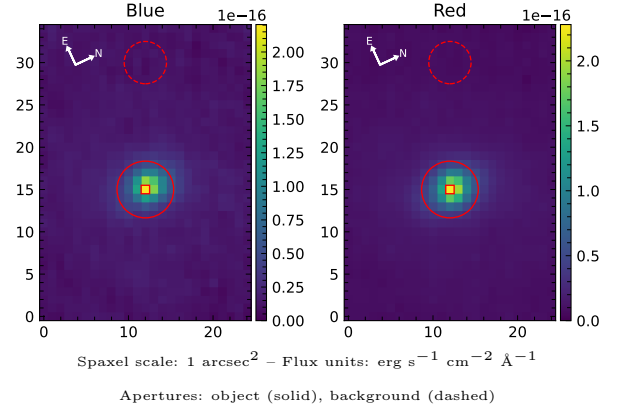


# MCG-03-58-007

Spectrum ID	6064350_sp1	Spectrum type	Sy 2
Alt name	MCG -3-58-007	Quality flag	good
$z$	0.0304	AGN reference	PGC
RA, Dec	342.4048, -19.2740	MW $E(B-V)$	0.023
MJD	60167.64	Power law $\alpha_\nu$	$-1.27 \pm 0.10$
SNR/ $\text{\AA}$ B/R	25.3/45.4	$\log L_{5100, \text{AGN}}$	$43.09 \pm 0.02$
Obs airmass	1.02	$\log H\beta_{\text{Br}}/[\text{O III}]$	—
SMSS ID	6064350	$\log M_{L5100}/M_\odot$	—
Neighbour	9.6", 2010469579	$\log M_{\text{H}\alpha}/M_\odot$	—
SMSS $\langle r_{6''}^{\text{ap}} \rangle$	$14.83 \pm 0.01$	$\log M_{\text{H}\beta}/M_\odot$	—
2MASS $K_{\text{ext}}$	$10.41 \pm 0.03$	$\log M_{[\text{O III}]} / M_\odot$	—



## Emission Line Measurements

Line	$\log L$ (erg s $^{-1}$ )	FWHM (km s $^{-1}$ )	$\sigma$ (km s $^{-1}$ )	EW (Angstrom)
H $\gamma$ Narrow	—	—	—	—
<b>H<math>\gamma</math> Broad</b>	—	—	—	—
[O III] 4364	$39.09 \pm 0.38$	$440 \pm 62$	$186 \pm 25$	$0.46 \pm 0.26$
He II Narrow	$39.85 \pm 0.07$	$440 \pm 62$	$186 \pm 25$	$2.79 \pm 0.26$
<b>He II Broad</b>	<b><math>40.42 \pm 0.10</math></b>	<b><math>9067 \pm 62</math></b>	<b><math>3850 \pm 25</math></b>	<b><math>10.23 \pm 1.13</math></b>
H $\beta$ Narrow	$40.39 \pm 0.03$	$491 \pm 62$	$392 \pm 25$	$9.81 \pm 0.40$
<b>H<math>\beta</math> Broad</b>	—	—	—	—
[O III] 5007	$41.47 \pm 0.01$	$491 \pm 62$	$392 \pm 25$	$122.35 \pm 0.49$
He I Narrow	$39.53 \pm 0.14$	$440 \pm 62$	$186 \pm 25$	$1.59 \pm 0.19$
<b>He I Broad</b>	<b><math>39.38 \pm 0.32</math></b>	<b><math>1178 \pm 62</math></b>	<b><math>500 \pm 25</math></b>	<b><math>1.11 \pm 0.30</math></b>
[O I] 6300	$39.82 \pm 0.05$	$440 \pm 62$	$186 \pm 25$	$3.25 \pm 0.21$
H $\alpha$ Narrow	$41.10 \pm 0.01$	$440 \pm 62$	$186 \pm 25$	$49.07 \pm 0.27$
<b>H<math>\alpha</math> Broad</b>	—	—	—	—
[N II] 6585	$41.22 \pm 0.01$	$440 \pm 62$	$186 \pm 25$	$65.73 \pm 0.27$
[S II] 6718	$40.37 \pm 0.01$	$440 \pm 62$	$186 \pm 25$	$12.05 \pm 0.24$
[S II] 6732	$40.33 \pm 0.02$	$440 \pm 62$	$186 \pm 25$	$11.03 \pm 0.24$

## Emission Summary

H $\alpha$ broad SNR	0.00
H $\beta$ broad SNR	0.00
H $\gamma$ broad SNR	0.00
AGN frac	0.38
Host frac	0.62
$\log L_{5100, \text{Host}}$	43.30
Fe II/H $\beta$	—
Fe II/[O III]	0.05

## Quality Flags

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