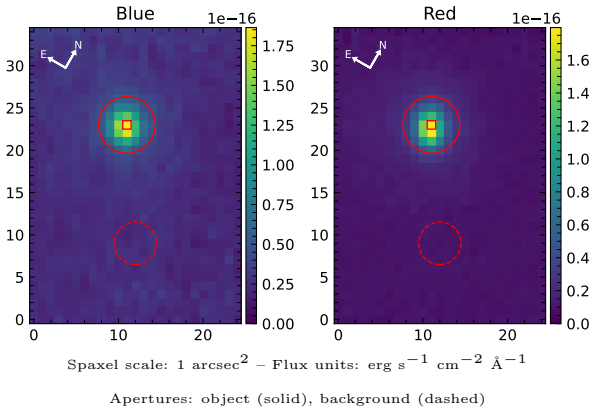
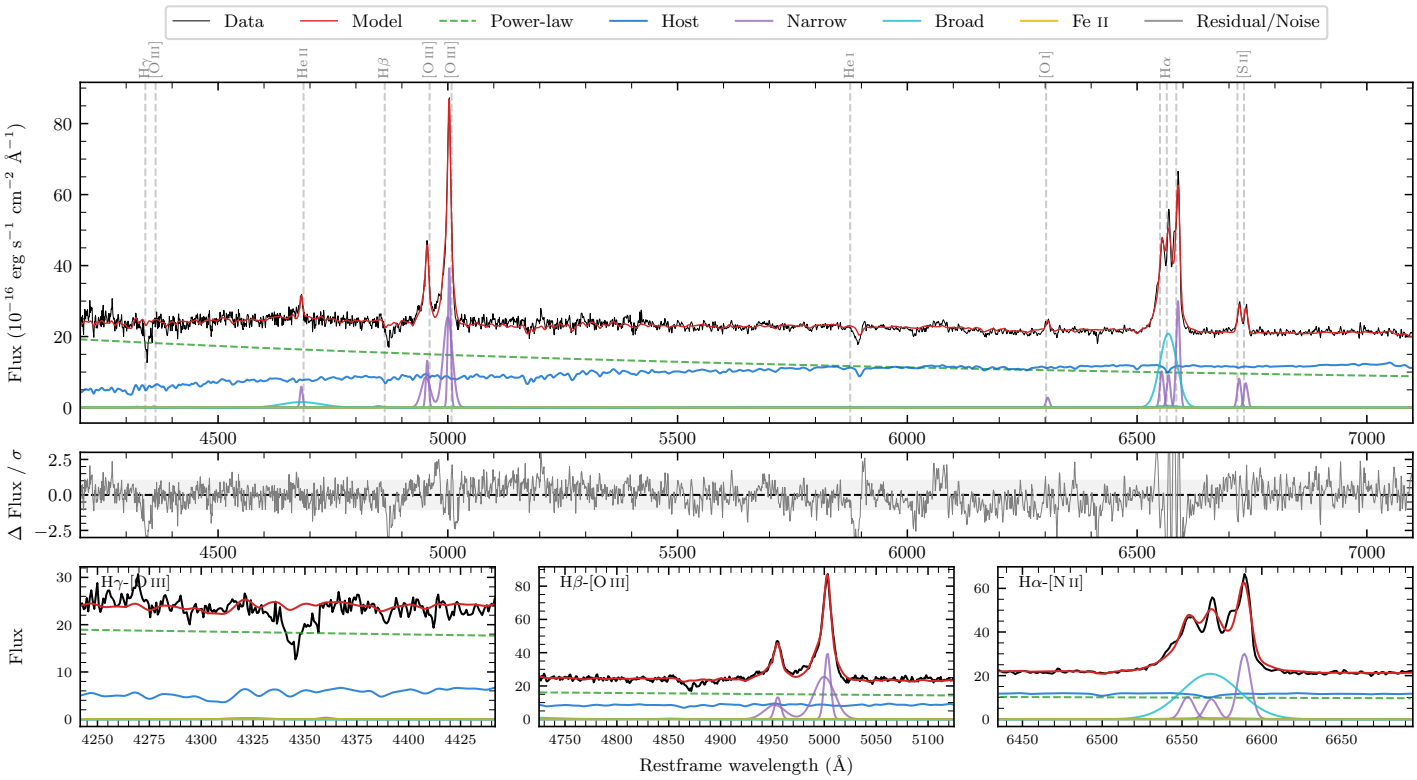
IRAS 05189-2524

Spectrum ID	23178106_sp1
Alt name	IRAS 05189-2524
z	0.0409
RA, Dec	80.2558, -25.3626
MJD	60950.76
SNR/Å B/R	14.3/26.2
Obs Airmass	1.01
SMSS ID	23178106
Closest SMSS	None < 15"
SMSS Mean r_{psf}	15.0 ± 0.1
2MASS K_{ext}	10.4 ± 0.0

Spectrum Type	Sy 1.8+
Quality Flag	good
AGN reference	S+2003
MW $E(B-V)$	0.025
Power law α_ν	-0.52 ± 0.04
log $L_{5100,\mathrm{AGN}}$	43.48 ± 0.01
log $\mathrm{H}\beta_{\mathrm{Br}}/[\mathrm{O\,III}]$	< -1.13
log $M_{\mathrm{L5100}}/M_\odot$	–
log $M_{\mathrm{H}\alpha}/M_\odot$	6.87 ± 0.03
log $M_{\mathrm{H}\beta}/M_\odot$	–
log $M_{[\mathrm{O\,III}]}/M_\odot$	–





Emission Line Measurements

Line	log L (erg s^{-1})	FWHM (km s^{-1})	σ (km s^{-1})	EW (Å)
Hγ Narrow	–	–	–	–
Hγ Broad	**–**	**–**	**–**	**–**
[O III] 4364	–	–	–	–
He II Narrow	40.26 ± 0.07	428 ± 62	181 ± 25	2.68 ± 0.29
He II Broad	40.85 ± 0.09	6424 ± 62	2728 ± 25	10.59 ± 1.07
Hβ Narrow	–	–	–	–
Hβ Broad	< 40.43	**–**	**–**	**–**
[O III] 5007	41.61 ± 0.01	610 ± 63	513 ± 25	66.03 ± 0.58
He I Narrow	–	–	–	–
He I Broad	–	–	–	–
[O I] 6300	40.06 ± 0.06	428 ± 62	181 ± 25	2.67 ± 0.25
Hα Narrow	40.60 ± 0.03	428 ± 62	181 ± 25	9.68 ± 0.34
Hα Broad	$\mathbf{41.63 \pm 0.01}$	$\mathbf{1983 \pm 63}$	$\mathbf{727 \pm 25}$	$\mathbf{104.09 \pm 0.67}$
[N II] 6585	41.11 ± 0.01	428 ± 62	181 ± 25	31.74 ± 0.36
[S II] 6718	40.55 ± 0.02	428 ± 62	181 ± 25	9.05 ± 0.28
[S II] 6732	40.48 ± 0.03	428 ± 62	181 ± 25	7.72 ± 0.28

Emission Summary

Hα Broad SNR	13.15
Hβ Broad SNR	0.46
Hγ Broad SNR	0.00
AGN frac	0.62
Host frac	0.38
log $L_{5100,\mathrm{Host}}$	43.26
Fe II/Hβ	–
Fe II/[O III]	–

Quality Flags

spurious_hab/hbb	0/0
l5100	0
balmer	2
balmer_snr	2
hb_width	2
balmer_width	2