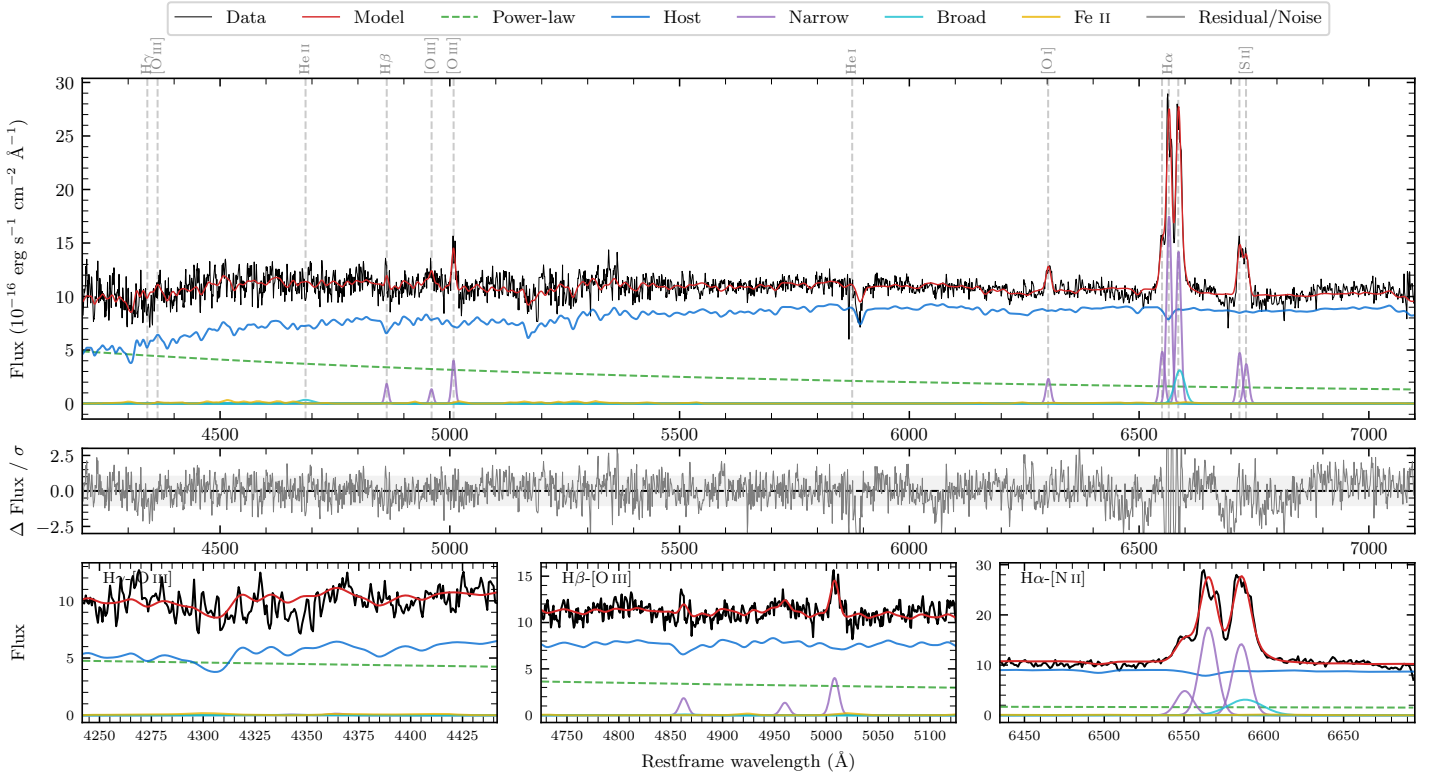
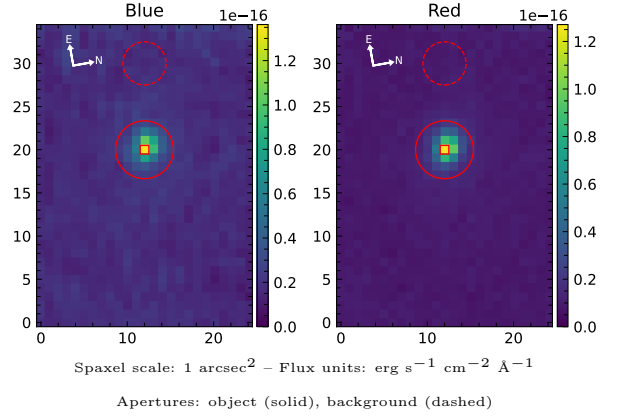


LEDA 892717

| | | | |
|----------------------------|--------------------|--|------------------|
| Spectrum ID | 87985404_sp1 | Spectrum Type | Sy 2 |
| Alt name | IRAS 09199-1637 | Quality Flag | good |
| z | 0.0739 | AGN reference | M+2007 |
| RA, Dec | 140.5715, -16.8442 | MW $E(B - V)$ | 0.045 |
| MJD | 61026.69 | Power law α_ν | 0.49 ± 0.01 |
| SNR/Å B/R | 10.6/19.4 | $\log L_{5100, \text{AGN}}$ | 43.31 ± 0.02 |
| Obs Airmass | 1.07 | $\log H\beta_{\text{Br}} / [\text{O III}]$ | — |
| SMSS ID | 87985404 | $\log M_{L5100} / M_\odot$ | — |
| Closest SMSS | 10.38", 2144448077 | $\log M_{\text{H}\alpha} / M_\odot$ | — |
| SMSS Mean r_{psf} | 15.8 ± 0.0 | $\log M_{\text{H}\beta} / M_\odot$ | — |
| 2MASS K_{ext} | 12.2 ± 0.1 | $\log M_{[\text{O III}]} / M_\odot$ | — |



Emission Line Measurements

| Line | $\log L$ (erg s $^{-1}$) | FWHM (km s $^{-1}$) | σ (km s $^{-1}$) | EW (Å) |
|-----------------------------------|---------------------------|----------------------|--------------------------|-------------------|
| H γ Narrow | — | — | — | — |
| Hγ Broad | — | — | — | — |
| [O III] 4364 | — | — | — | — |
| He II Narrow | — | — | — | — |
| He II Broad | 40.30 ± 0.27 | 2405 ± 62 | 1021 ± 25 | 4.05 ± 1.77 |
| H β Narrow | 40.44 ± 0.12 | 583 ± 63 | 264 ± 30 | 6.05 ± 1.28 |
| Hβ Broad | — | — | — | — |
| [O III] 5007 | 40.79 ± 0.05 | 583 ± 63 | 264 ± 30 | 14.62 ± 1.64 |
| He I Narrow | — | — | — | — |
| He I Broad | — | — | — | — |
| [O I] 6300 | 40.63 ± 0.04 | 579 ± 62 | 245 ± 25 | 18.15 ± 1.08 |
| H α Narrow | 41.60 ± 0.01 | 579 ± 62 | 245 ± 25 | 158.27 ± 1.47 |
| Hα Broad | — | — | — | — |
| [N II] 6585 | 41.51 ± 0.01 | 579 ± 62 | 245 ± 25 | 129.45 ± 1.48 |
| [S II] 6718 | 40.97 ± 0.02 | 579 ± 62 | 245 ± 25 | 46.27 ± 1.54 |
| [S II] 6732 | 40.87 ± 0.03 | 579 ± 62 | 245 ± 25 | 36.37 ± 1.64 |

Emission Summary

| | |
|------------------------------|-------|
| H α Broad SNR | 0.00 |
| H β Broad SNR | 0.00 |
| H γ Broad SNR | 0.00 |
| AGN frac | 0.28 |
| Host frac | 0.72 |
| $\log L_{5100, \text{Host}}$ | 43.72 |
| Fe II/H β | — |
| Fe II/[O III] | 0.96 |

Quality Flags

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