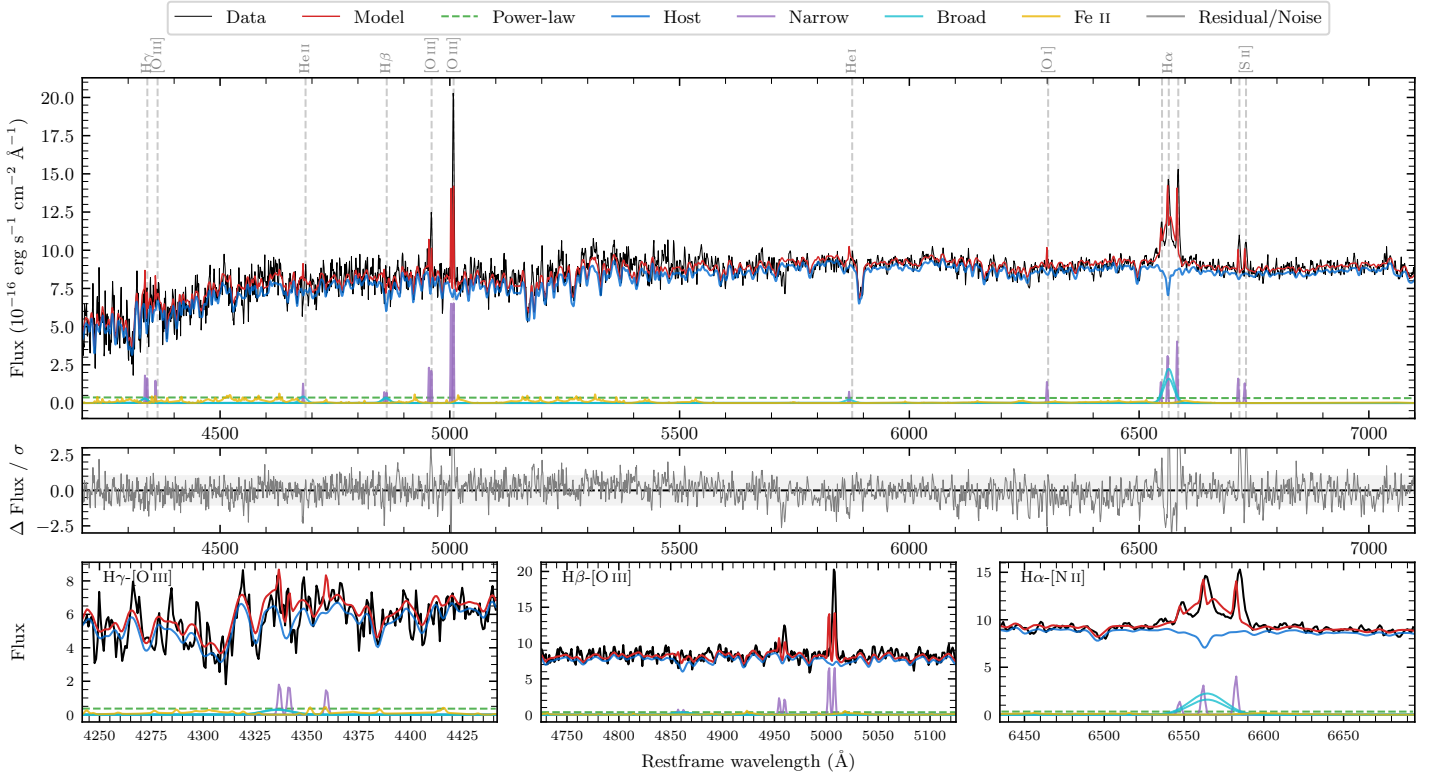
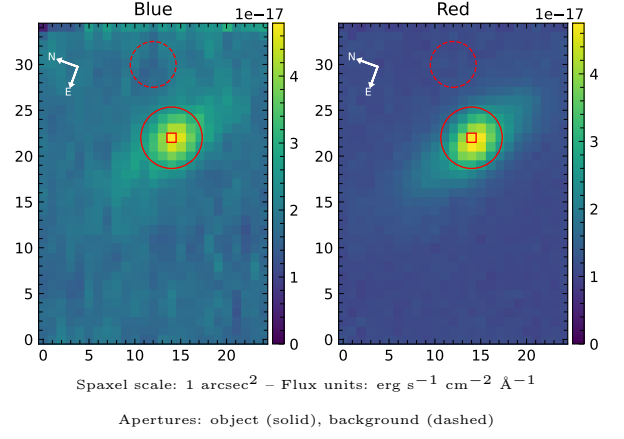


LEDA 731876

| | | | |
|--|--------------------|--|------------------|
| Spectrum ID | 234271697_sp1 | Spectrum type | Sy 1.5+ |
| Alt name | g2057477-291322 | Quality flag | good |
| z | 0.0294 | AGN reference | 6dFGS |
| RA, Dec | 314.4487, -29.2229 | MW $E(B - V)$ | 0.079 |
| MJD | 60525.52 | Power law α_ν | -1.74 ± 0.21 |
| SNR/ \AA B/R | 8.2/18.0 | $\log L_{5100, \text{AGN}}$ | 41.55 ± 0.35 |
| Obs airmass | 1.09 | $\log H\beta_{\text{Br}}/[\text{O III}]$ | < -0.11 |
| SMSS ID | 234271697 | $\log M_{L5100}/M_\odot$ | — |
| Neighbour | None $< 15''$ | $\log M_{\text{H}\alpha}/M_\odot$ | 5.63 ± 0.08 |
| SMSS $\langle r_6''_{\text{ap}} \rangle$ | 16.32 ± 0.02 | $\log M_{\text{H}\beta}/M_\odot$ | — |
| 2MASS K_{ext} | 12.37 ± 0.08 | $\log M_{[\text{O III}]} / M_\odot$ | — |



Emission Line Measurements

| Line | $\log L$ (erg s ⁻¹) | FWHM (km s ⁻¹) | σ (km s ⁻¹) | EW (Å) |
|-----------------------------------|------------------------------------|---------------------------------|--------------------------------|-------------------------------------|
| H γ Narrow | 39.14 ± 0.25 | — | 167 ± 25 | 19.45 ± 6.26 |
| Hγ Broad | — | — | — | — |
| [O III] 4364 | 38.78 ± 0.32 | 122 ± 62 | 50 ± 25 | 8.30 ± 4.46 |
| He II Narrow | 38.72 ± 0.37 | 122 ± 62 | 50 ± 25 | 7.34 ± 3.80 |
| He II Broad | 39.23 ± 0.37 | 1178 ± 62 | 500 ± 25 | 24.22 ± 12.49 |
| H β Narrow | 38.76 ± 0.38 | — | 167 ± 25 | 8.36 ± 4.27 |
| Hβ Broad | < 39.68 | — | — | — |
| [O III] 5007 | 39.78 ± 0.09 | — | 167 ± 25 | 86.68 ± 4.87 |
| He I Narrow | 38.57 ± 0.35 | 122 ± 62 | 50 ± 25 | 5.57 ± 2.49 |
| He I Broad | 39.04 ± 0.32 | 1178 ± 62 | 500 ± 25 | 16.57 ± 7.41 |
| [O I] 6300 | 38.87 ± 0.22 | 122 ± 62 | 50 ± 25 | 11.44 ± 2.25 |
| H α Narrow | 39.25 ± 0.08 | 122 ± 62 | 50 ± 25 | 27.50 ± 2.35 |
| Hα Broad | 40.33 ± 0.02 | 1178 ± 62 | 433 ± 25 | 332.16 ± 8.05 |
| [N II] 6585 | 39.36 ± 0.05 | 122 ± 62 | 50 ± 25 | 35.74 ± 2.76 |
| [S II] 6718 | 38.97 ± 0.16 | 122 ± 62 | 50 ± 25 | 14.61 ± 2.62 |
| [S II] 6732 | 38.88 ± 0.17 | 122 ± 62 | 50 ± 25 | 11.66 ± 2.56 |

Emission Summary

| | |
|------------------------------|-------|
| H α broad SNR | 3.88 |
| H β broad SNR | 0.82 |
| H γ broad SNR | 0.00 |
| AGN frac | 0.05 |
| Host frac | 0.95 |
| $\log L_{5100, \text{Host}}$ | 42.87 |
| Fe II/H β | — |
| Fe II/[O III] | 1.93 |

Quality Flags

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