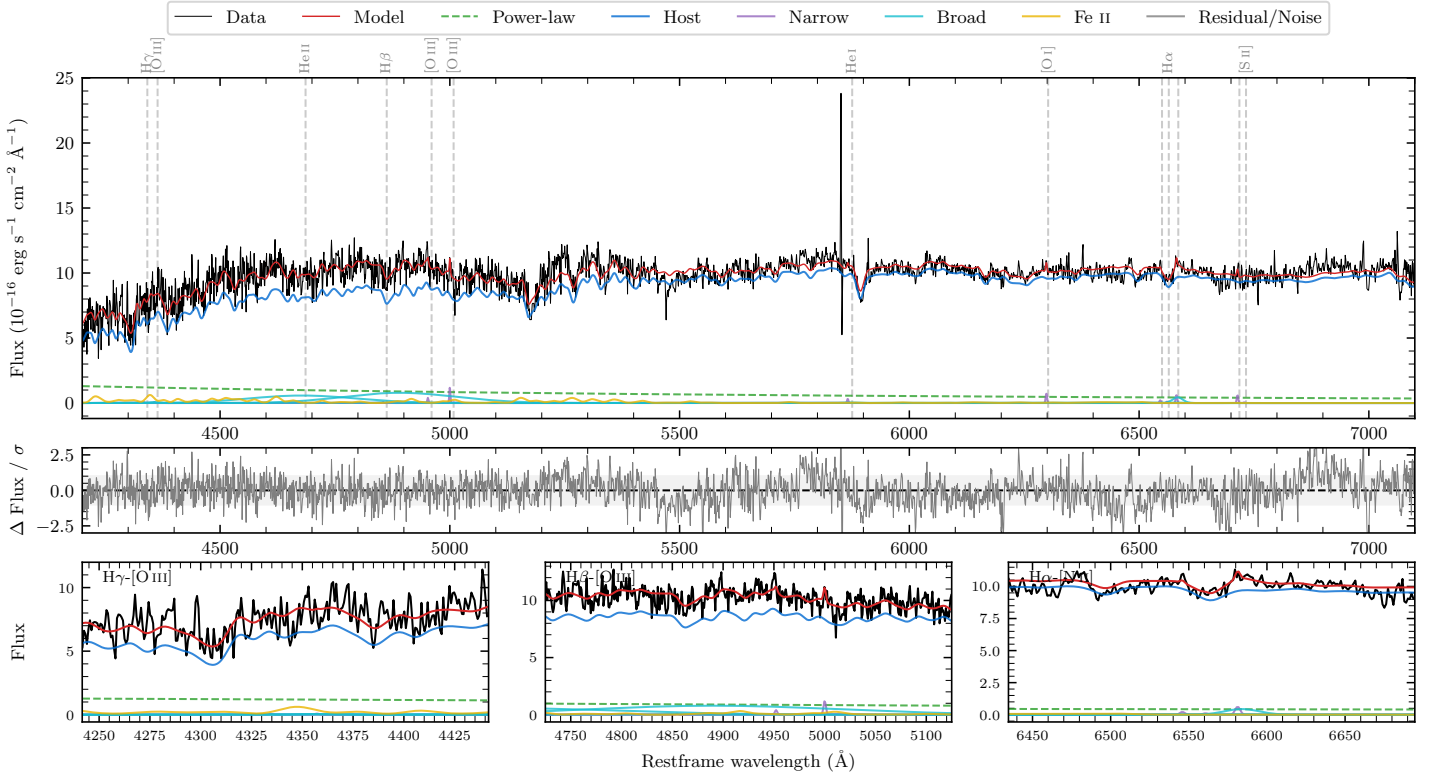
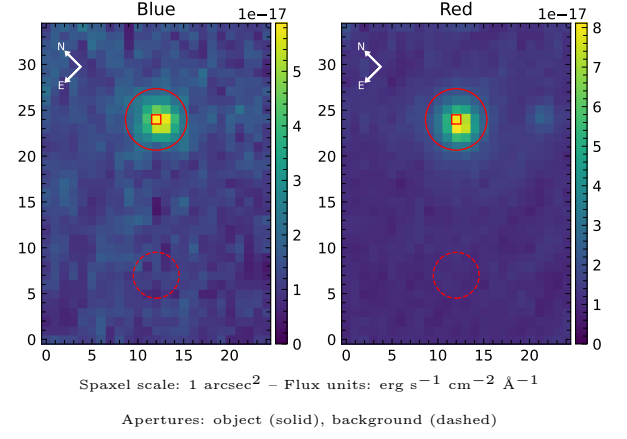


# ICRF J112824.6–112218

|  |                    |  |                  |
|--|--------------------|--|------------------|
| Spectrum ID                                | 93149204_sp1       | Spectrum type                            | Non-ELG          |
| Alt name                                   | MRC 1125–110       | Quality flag                             | good             |
| $z$  | 0.0770             | AGN reference                            | PGC              |
| RA, Dec                                    | 172.1027, –11.3717 | MW $E(B - V)$                            | 0.039            |
| MJD  | 61090.65           | Power law $\alpha_\nu$                   | $0.50 \pm 0.01$  |
| SNR/ $\text{\AA}$ B/R                      | 11.0/20.7          | $\log L_{5100, \text{AGN}}$              | $42.77 \pm 0.18$ |
| Obs airmass                                | 1.06               | $\log H\beta_{\text{Br}}/[\text{O III}]$ | –                |
| SMSS ID                                    | 93149204           | $\log M_{L5100}/M_\odot$                 | –                |
| Neighbour                                  | 8.9", 93149202     | $\log M_{\text{H}\alpha}/M_\odot$        | –                |
| SMSS $\langle r_{6''}^{\text{ap}} \rangle$ | $15.67 \pm 0.02$   | $\log M_{\text{H}\beta}/M_\odot$         | –                |
| 2MASS $K_{\text{ext}}$                     | $11.20 \pm 0.09$   | $\log M_{[\text{O III}]} / M_\odot$      | –                |



## Emission Line Measurements

| Line                              | $\log L$ (erg s $^{-1}$ ) | FWHM (km s $^{-1}$ ) | $\sigma$ (km s $^{-1}$ ) | EW (Å)          |
|-----------------------------------|---------------------------|----------------------|--------------------------|-----------------|
| H $\gamma$ Narrow                 | –                         | –                    | –                        | –               |
| <b>H<math>\gamma</math> Broad</b> | –                         | –                    | –                        | –               |
| [O III] 4364                      | –                         | –                    | –                        | –               |
| He II Narrow                      | –                         | –                    | –                        | –               |
| <b>He II Broad</b>                | –                         | –                    | –                        | –               |
| H $\beta$ Narrow                  | –                         | –                    | –                        | –               |
| <b>H<math>\beta</math> Broad</b>  | –                         | –                    | –                        | –               |
| [O III] 5007                      | $39.90 \pm 0.17$          | $176 \pm 63$         | $378 \pm 158$            | $6.19 \pm 5.29$ |
| He I Narrow                       | $39.25 \pm 0.32$          | $179 \pm 62$         | $71 \pm 25$              | $2.17 \pm 1.56$ |
| <b>He I Broad</b>                 | –                         | –                    | –                        | –               |
| [O I] 6300                        | $39.65 \pm 0.14$          | $179 \pm 62$         | $71 \pm 25$              | $6.46 \pm 1.89$ |
| H $\alpha$ Narrow                 | –                         | –                    | –                        | –               |
| <b>H<math>\alpha</math> Broad</b> | –                         | –                    | –                        | –               |
| [N II] 6585                       | $39.59 \pm 0.19$          | $179 \pm 62$         | $71 \pm 25$              | $6.31 \pm 2.16$ |
| [S II] 6718                       | $39.58 \pm 0.17$          | $179 \pm 62$         | $71 \pm 25$              | $6.51 \pm 2.38$ |
| [S II] 6732                       | –                         | –                    | –                        | –               |

## Emission Summary

|                              |       |
|------------------------------|-------|
| H $\alpha$ broad SNR         | 0.58  |
| H $\beta$ broad SNR          | 0.00  |
| H $\gamma$ broad SNR         | 0.00  |
| AGN frac                     | 0.09  |
| Host frac                    | 0.91  |
| $\log L_{5100, \text{Host}}$ | 43.79 |
| Fe II/H $\beta$              | –     |
| Fe II/[O III]                | –     |

## Quality Flags

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