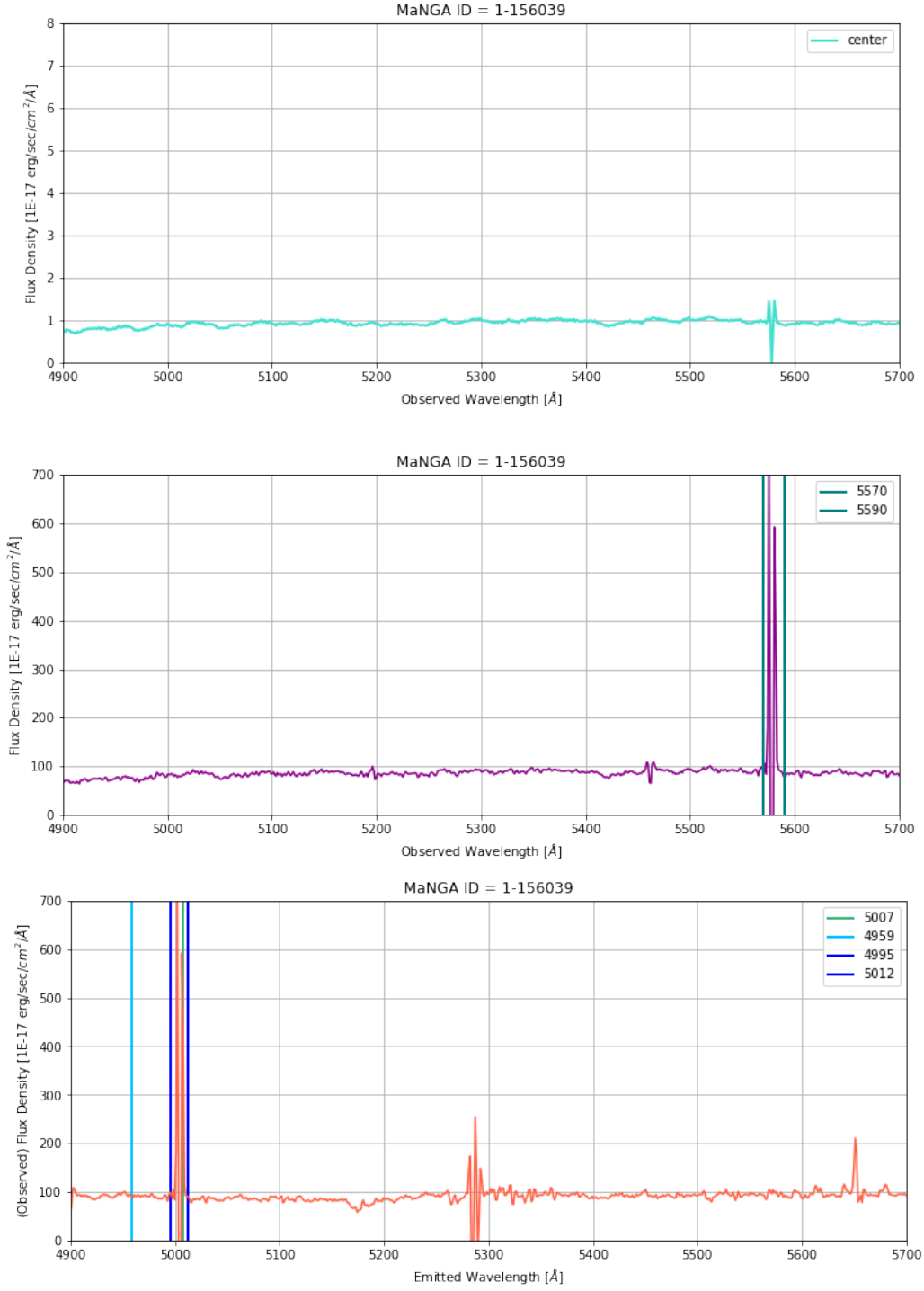
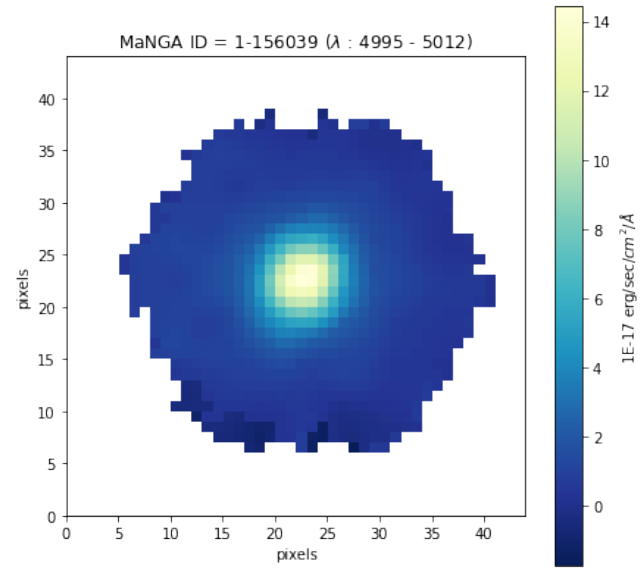
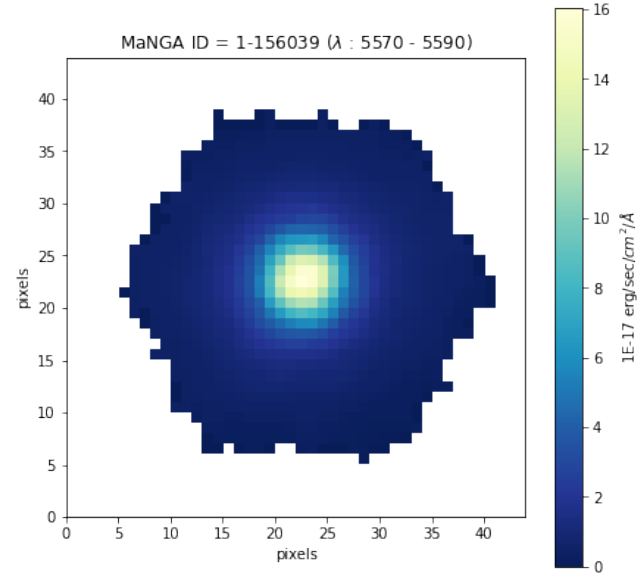
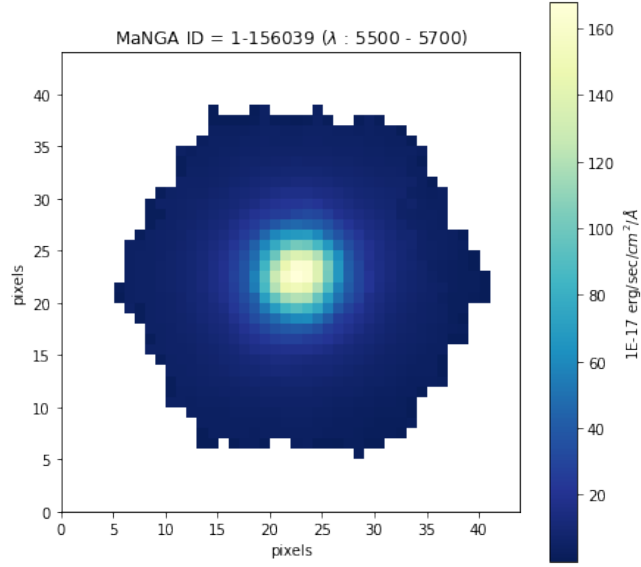
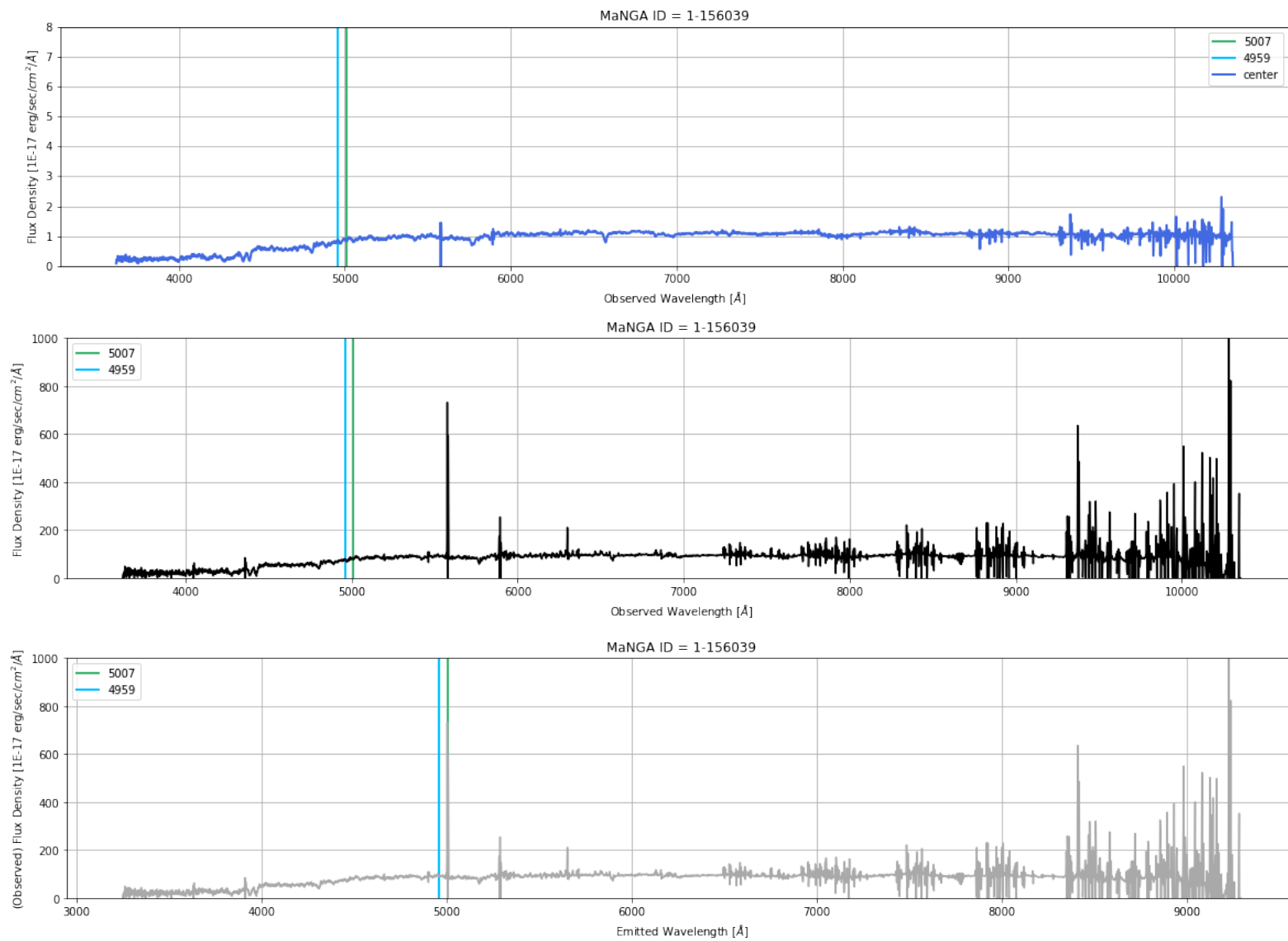


Calculatable - 8 Objects

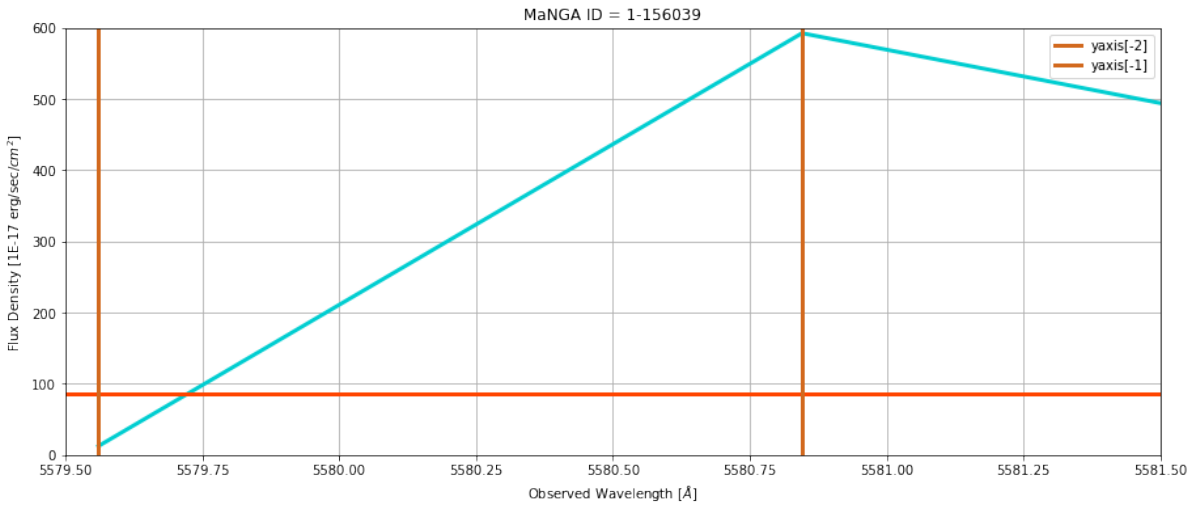
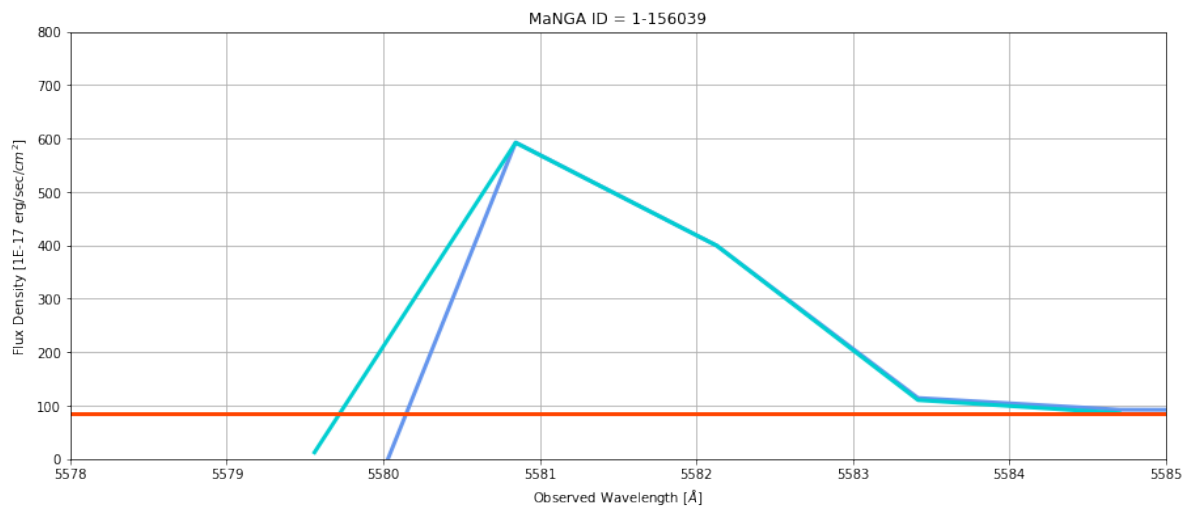
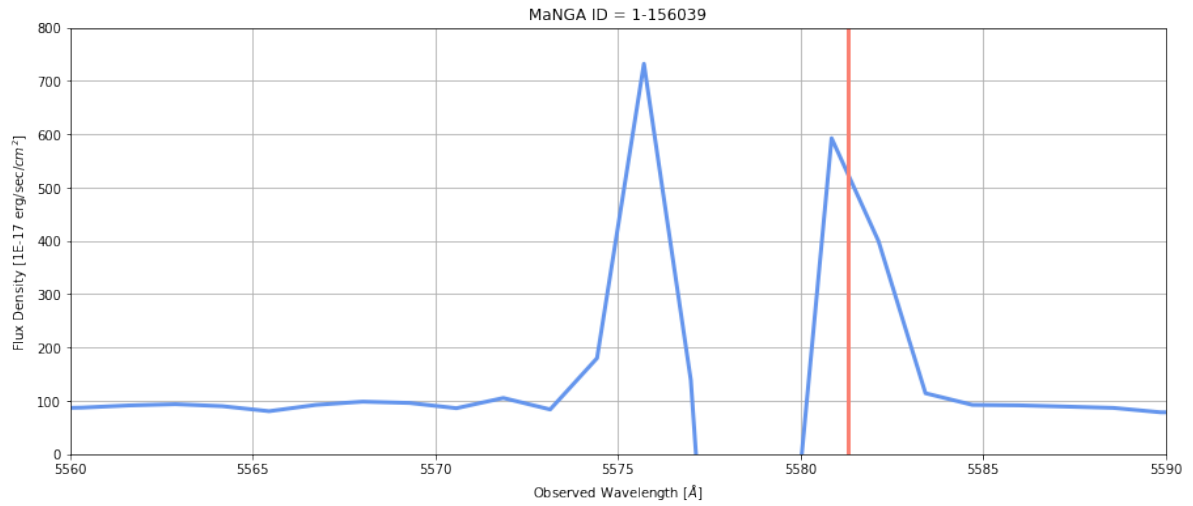
MaNGA ID: 1-156039



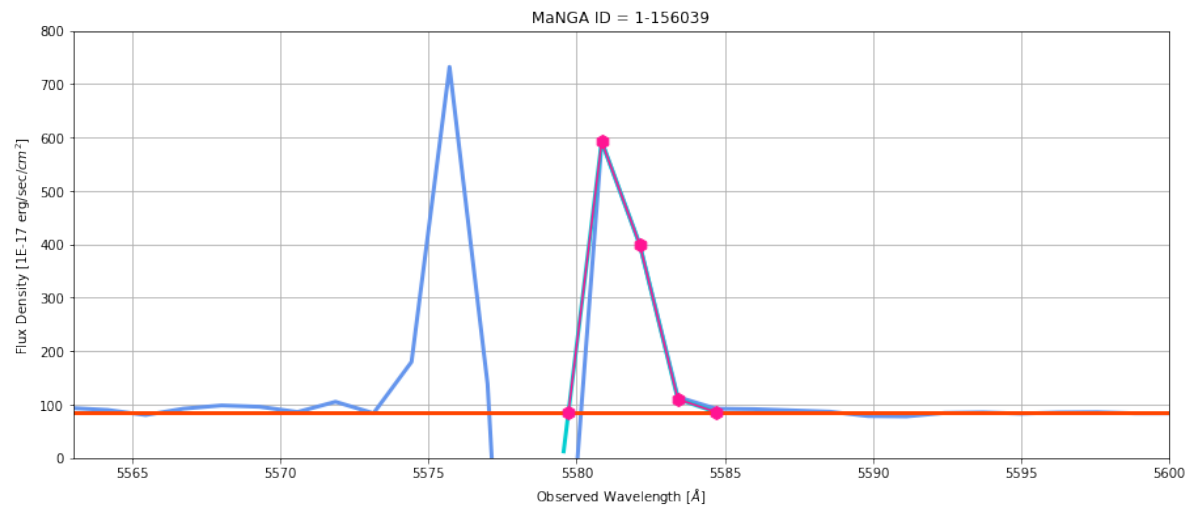
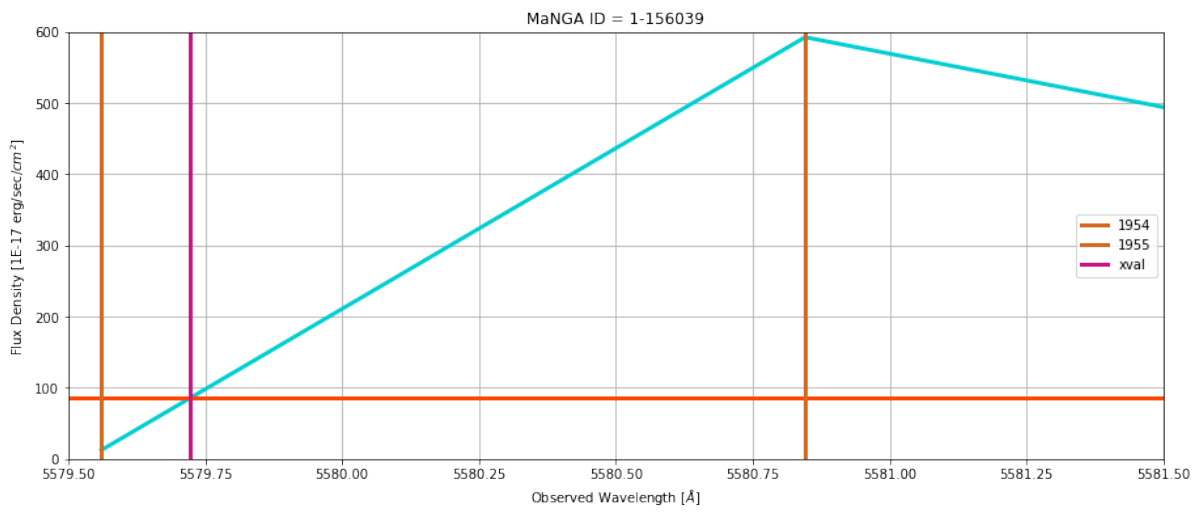
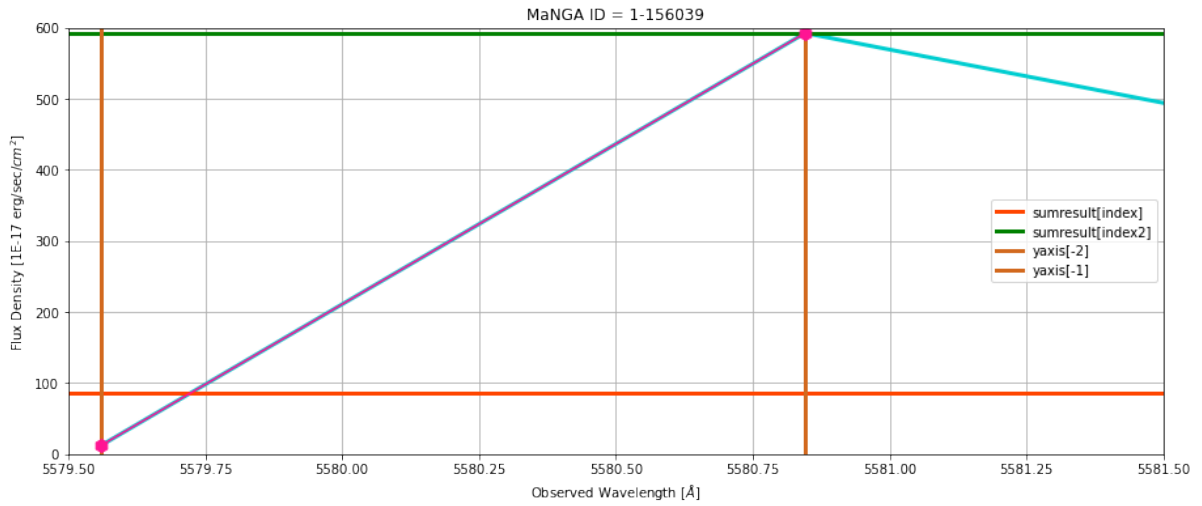




Calculatable - 8 Objects



Calculatable - 8 Objects



Redshift = 0.114699

Results before subtraction

$$\text{luminosity} = 5.004627763145256 \times 10^{41}$$

$$\log(\text{luminosity}) = 41.69937178083155$$

$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 8.114362500929088$$

$$\frac{M_{\text{BH}}}{M_{\odot}} = 12695173.352473285$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 7.103638635537315$$

Results after subtraction

$$\text{luminosity} = 3.546741352723024 \times 10^{41}$$

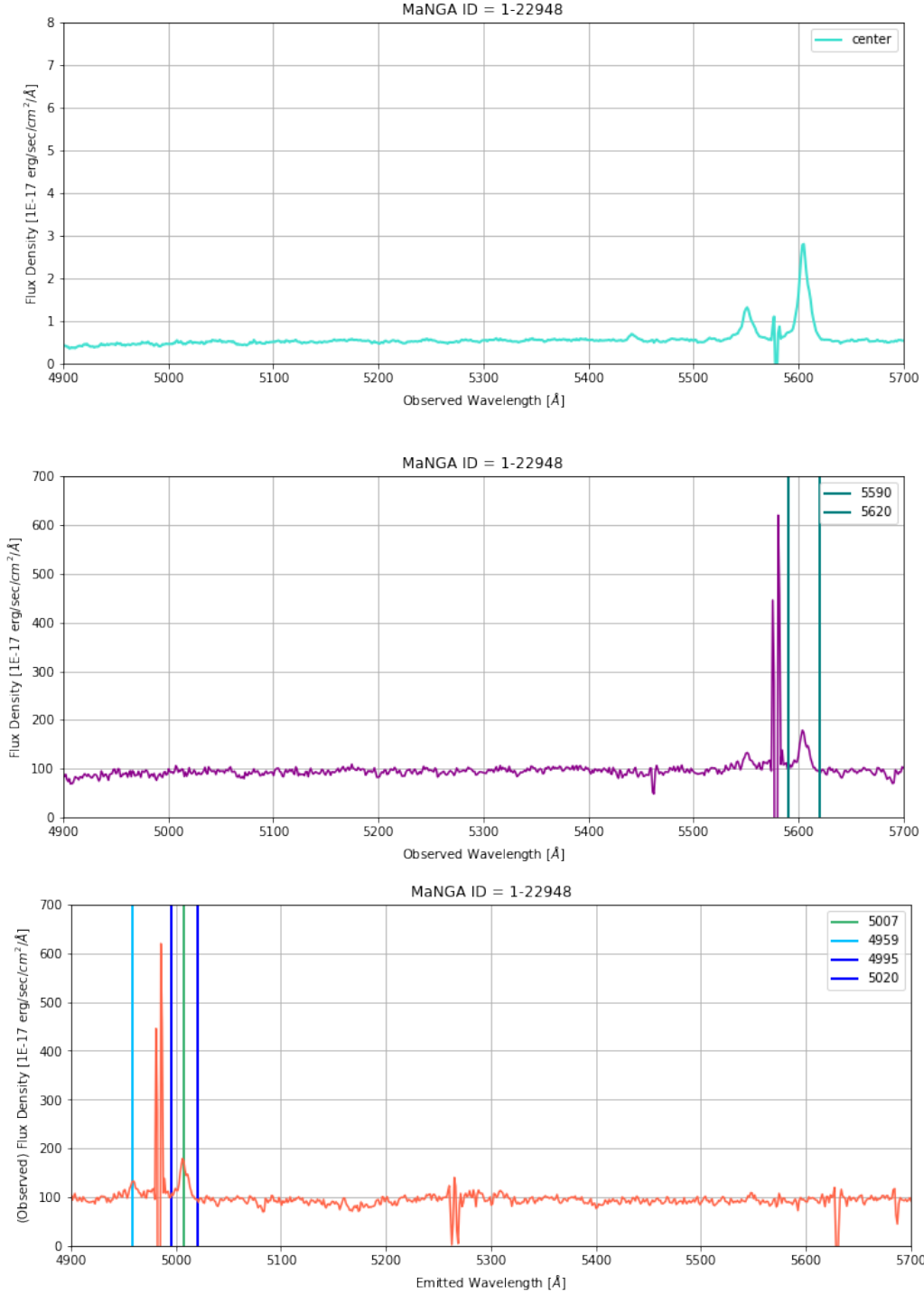
$$\log(\text{luminosity}) = 41.54982951855909$$

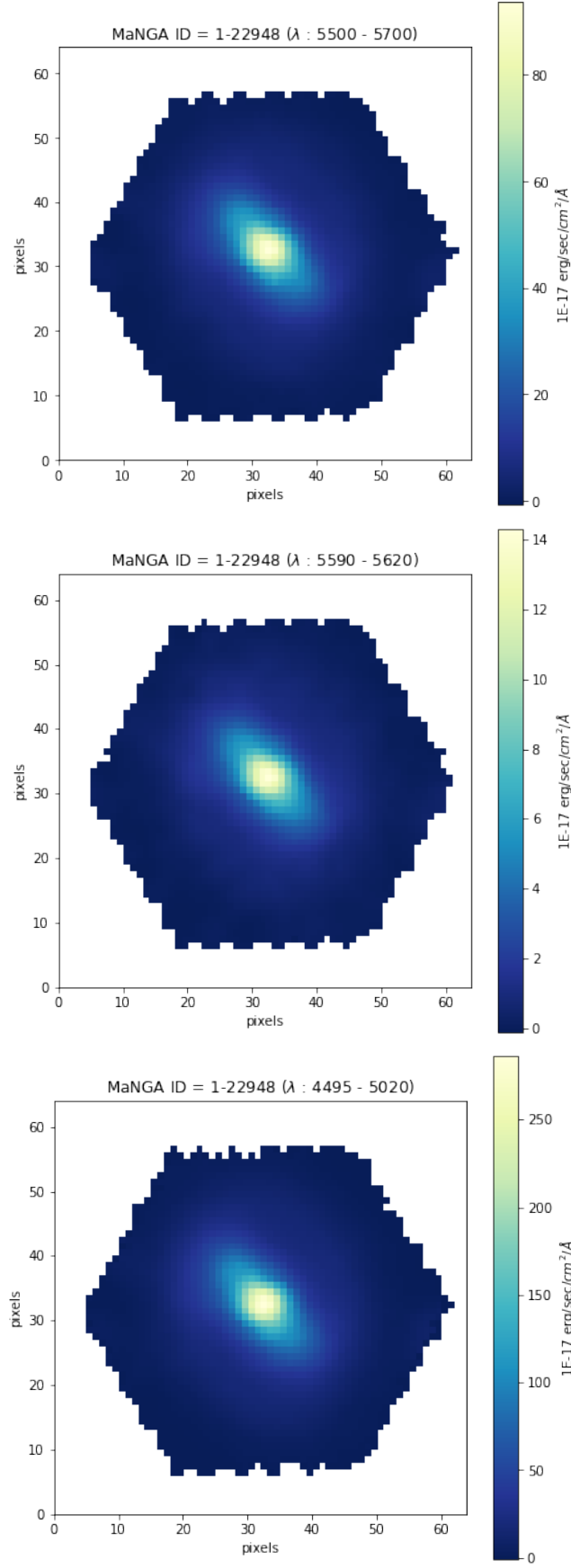
$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 7.9648202386566345$$

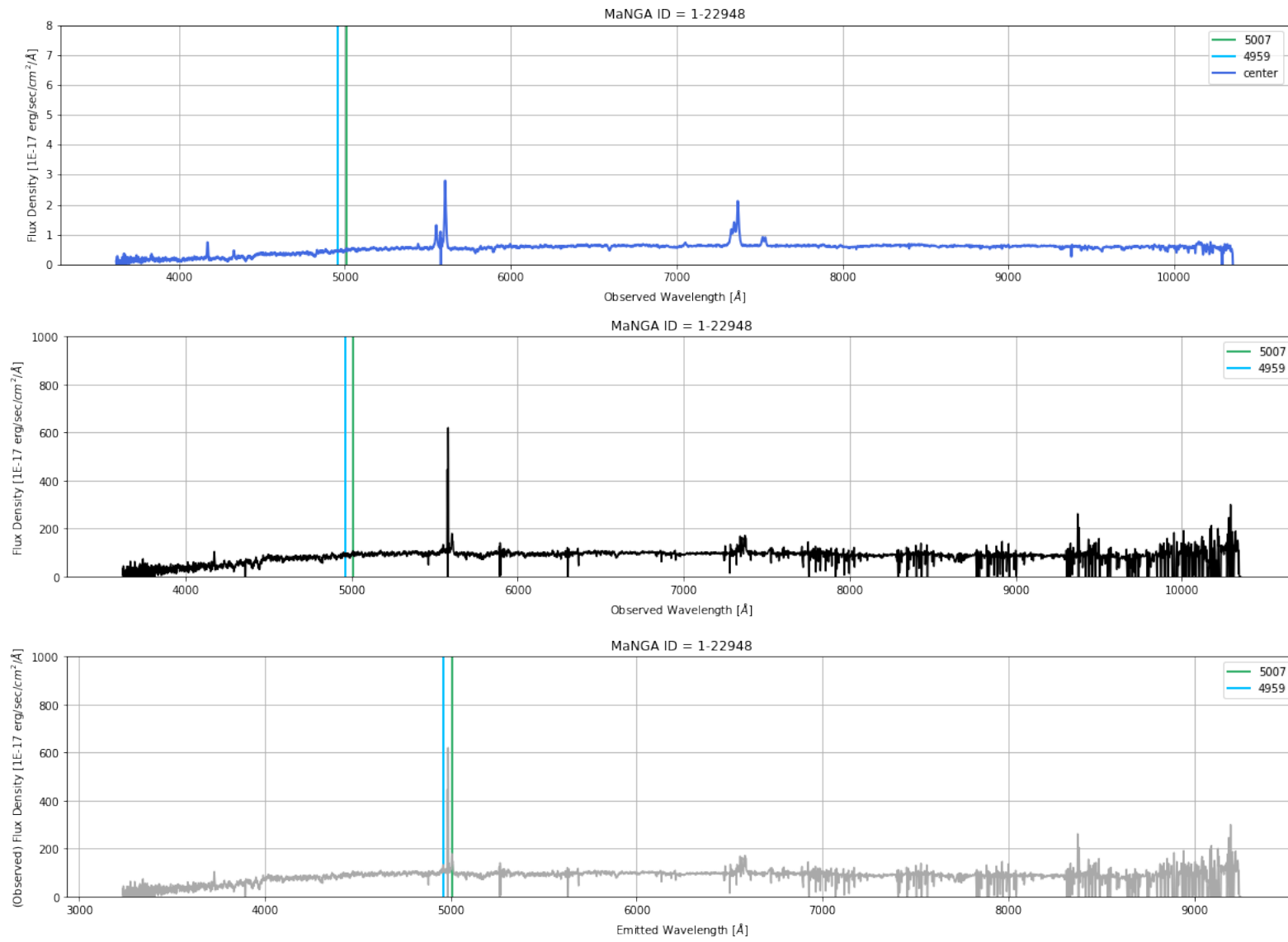
$$\frac{M_{\text{BH}}}{M_{\odot}} = 8996972.090668859$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 6.9540963732648615$$

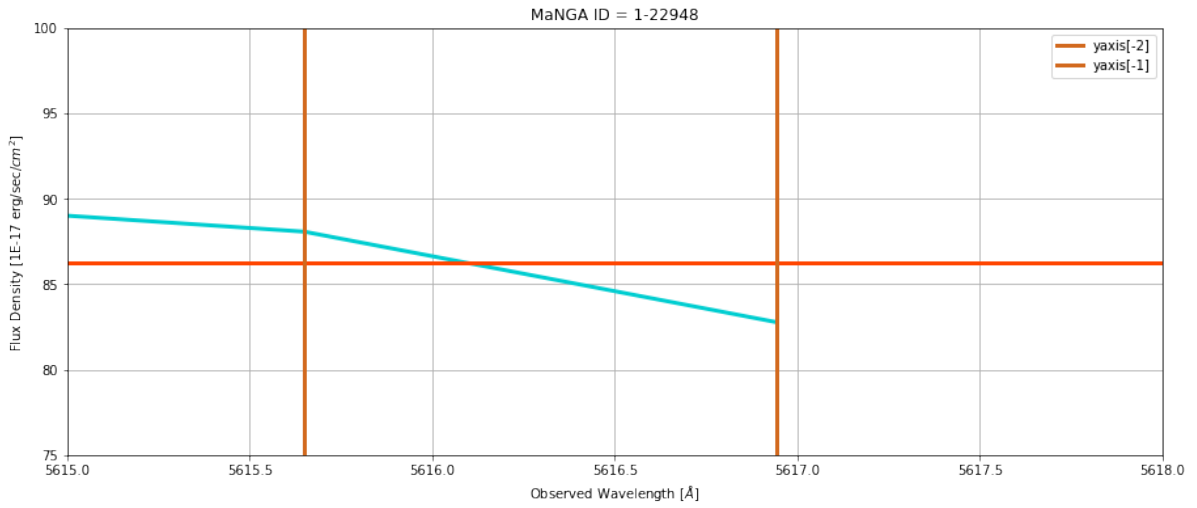
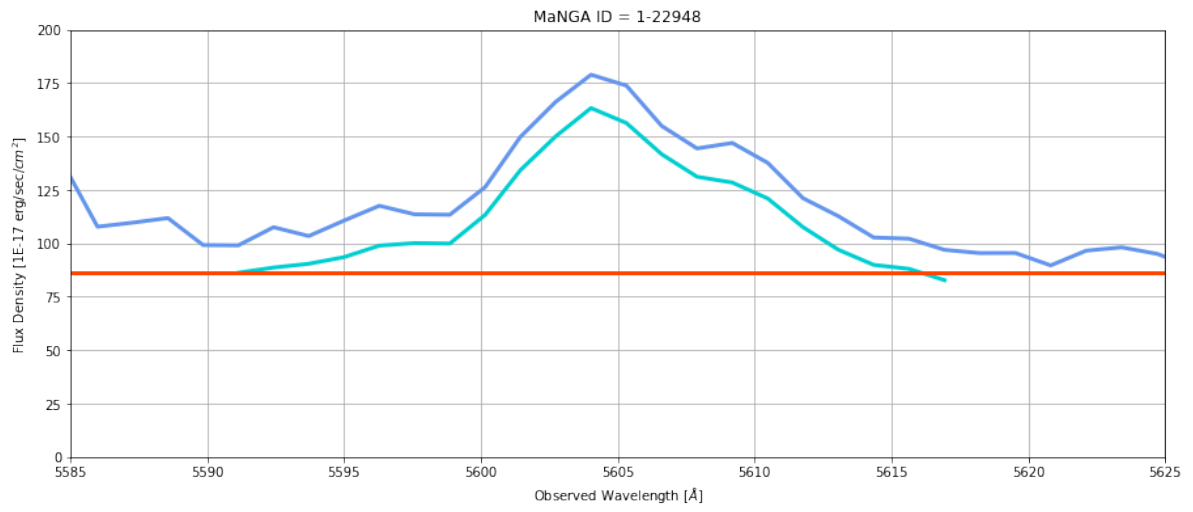
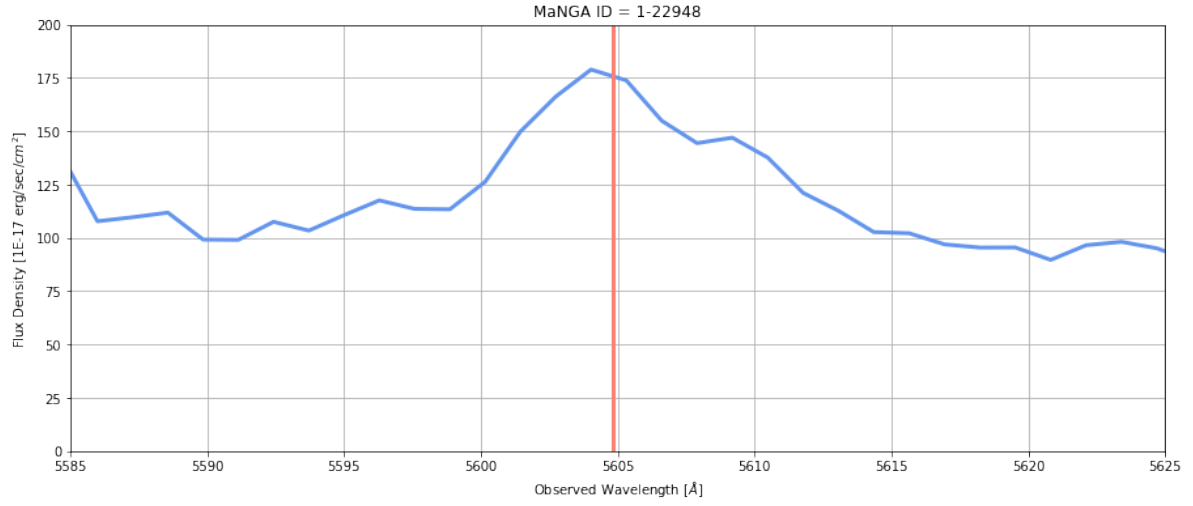
MaNGA ID: 1-22948



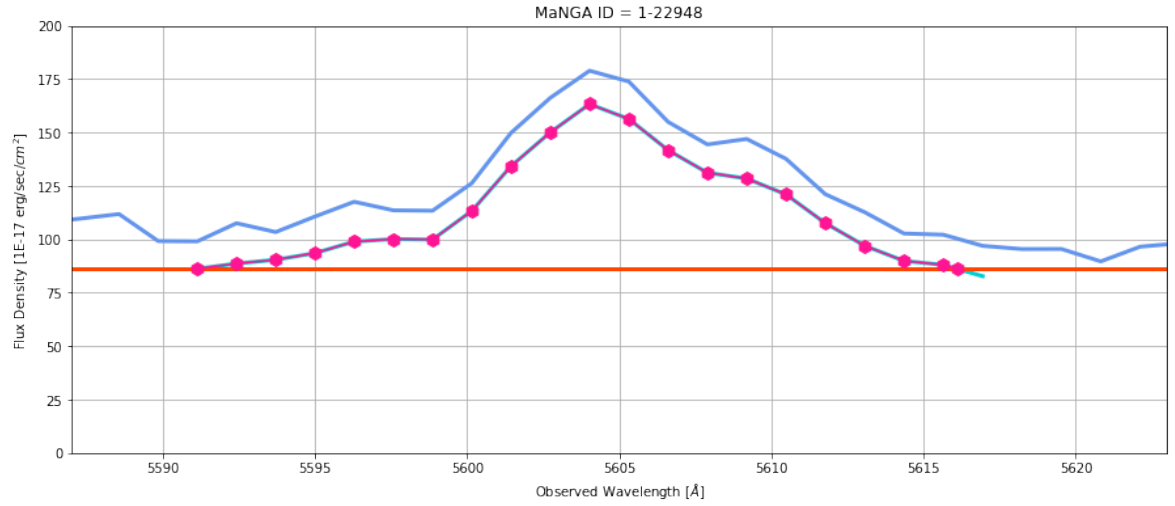
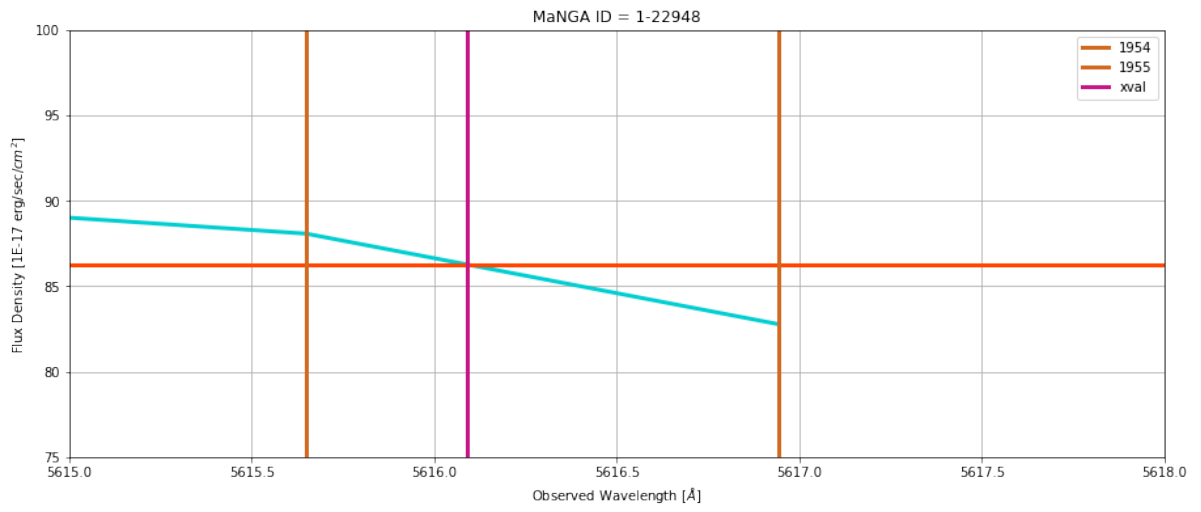
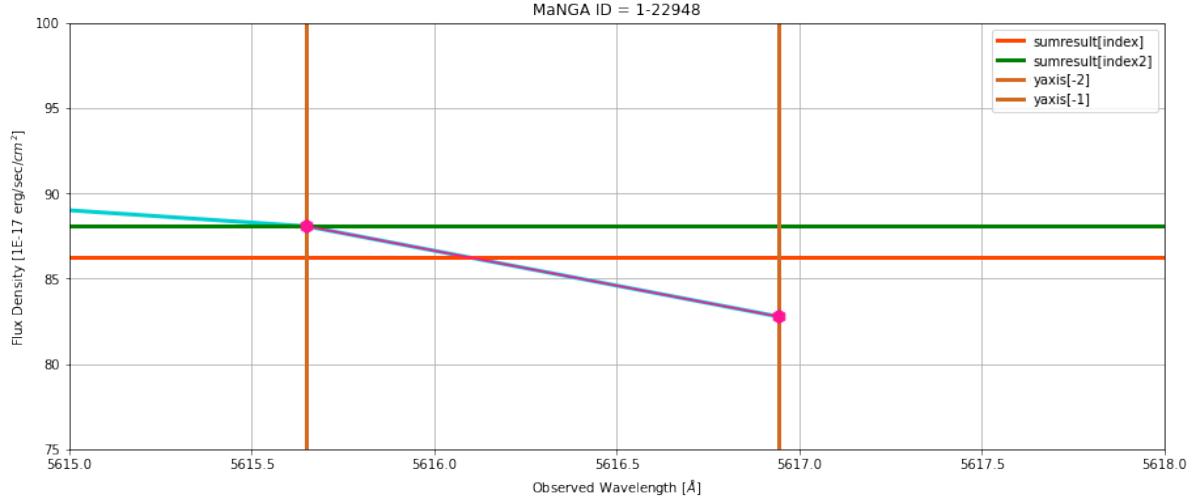




Calculatable - 8 Objects



Calculatable - 8 Objects



Redshift = 0.119399

Results before subtraction

$$\text{luminosity} = 1.0636119746915934 \times 10^{42}$$

$$\log(\text{luminosity}) = 42.026783218198084$$

$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 8.441773938295622$$

$$\frac{M_{\text{BH}}}{M_{\odot}} = 26980504.919690866$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 7.431050072903849$$

Results after subtraction

$$\text{luminosity} = 2.6537039283939675 \times 10^{41}$$

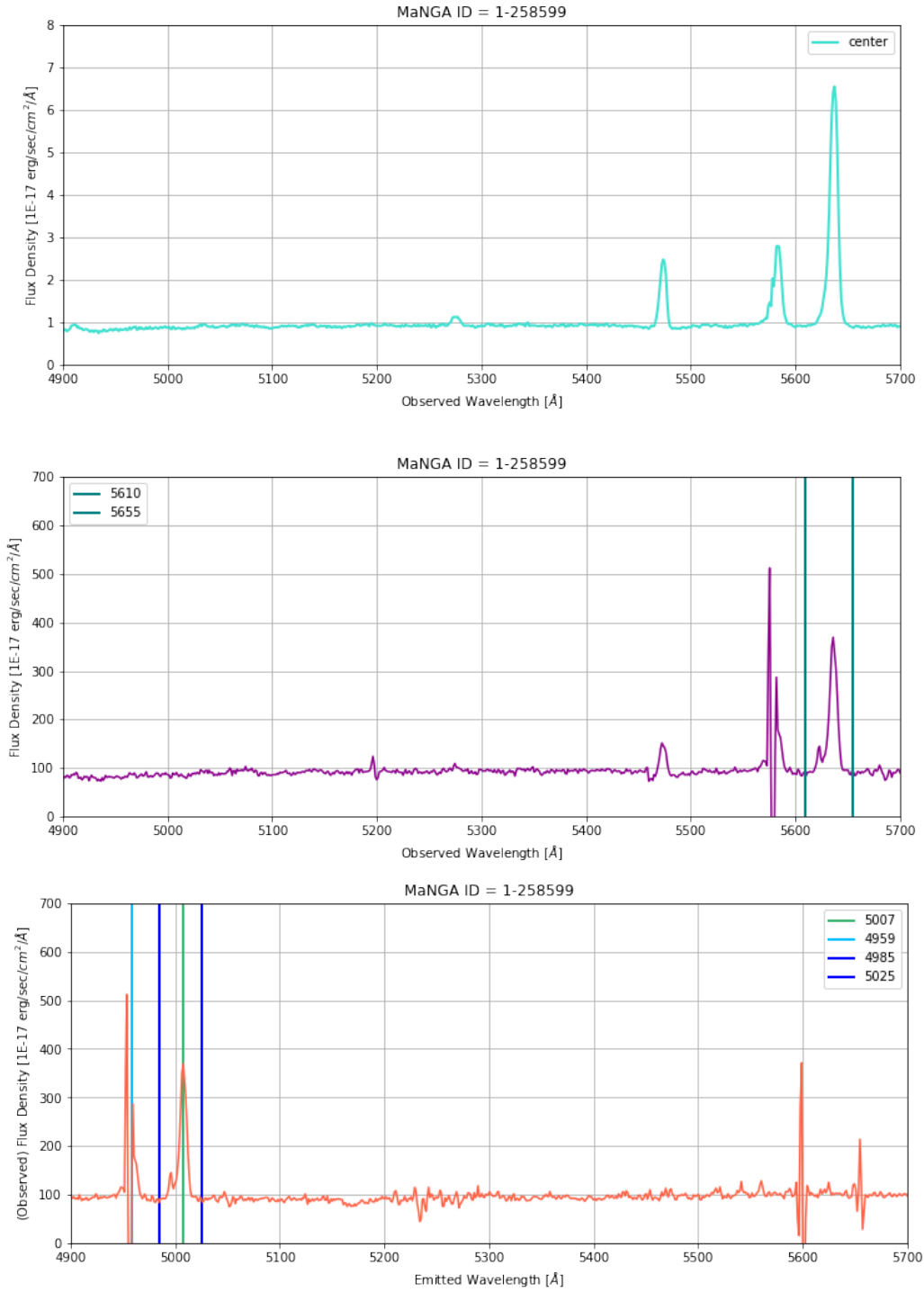
$$\log(\text{luminosity}) = 41.42385246734628$$

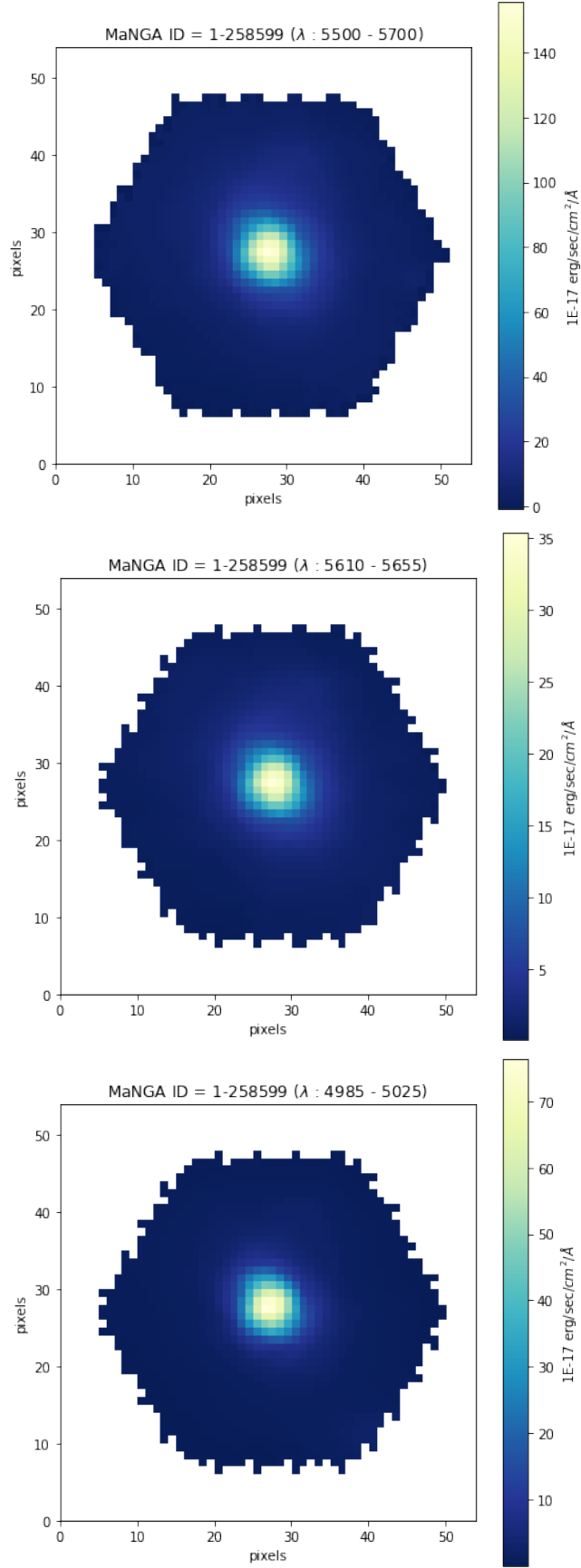
$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 7.8388431874438185$$

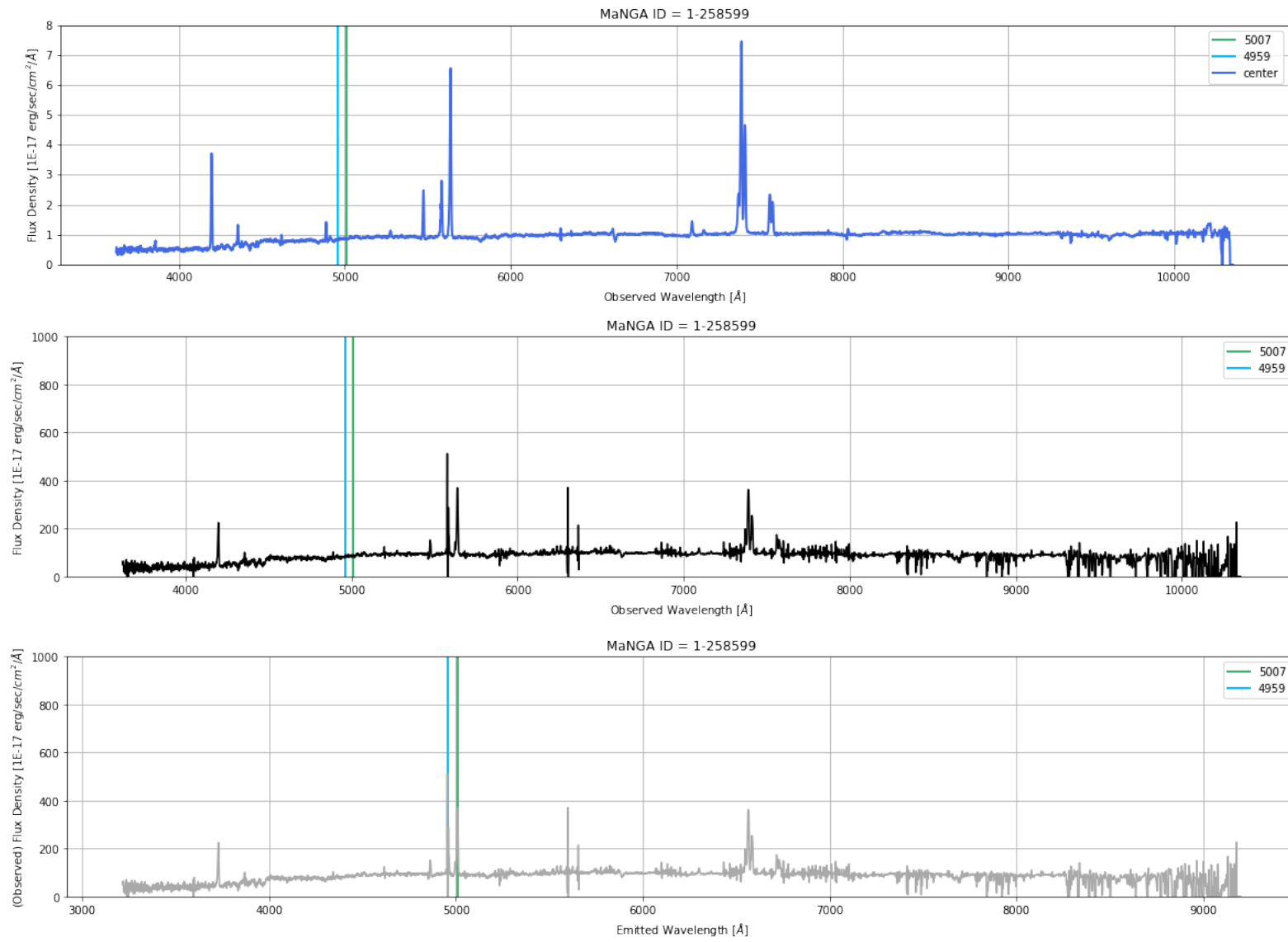
$$\frac{M_{\text{BH}}}{M_{\odot}} = 6731615.8147050915$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 6.8281193220520455$$

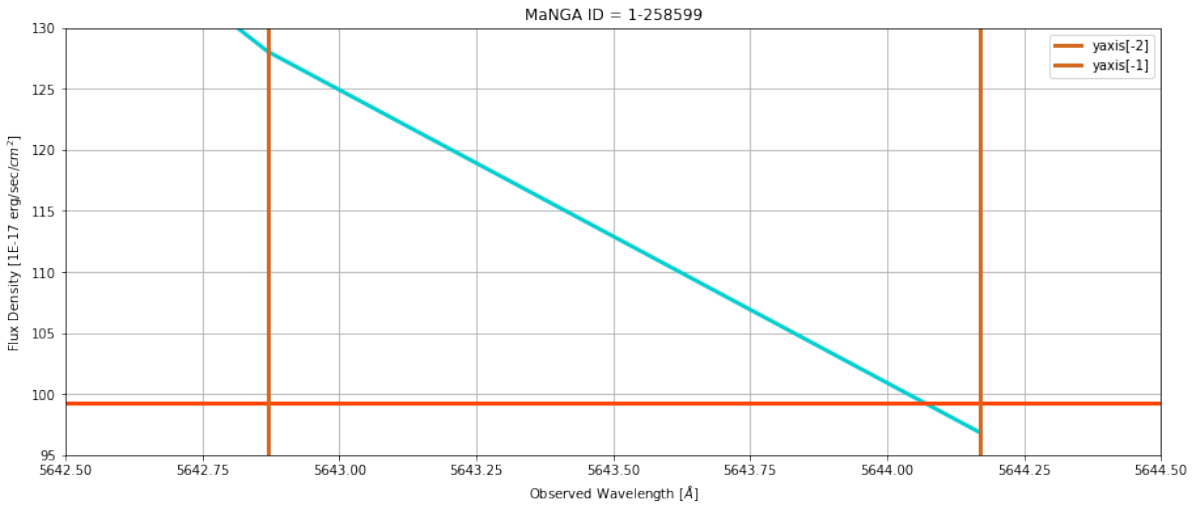
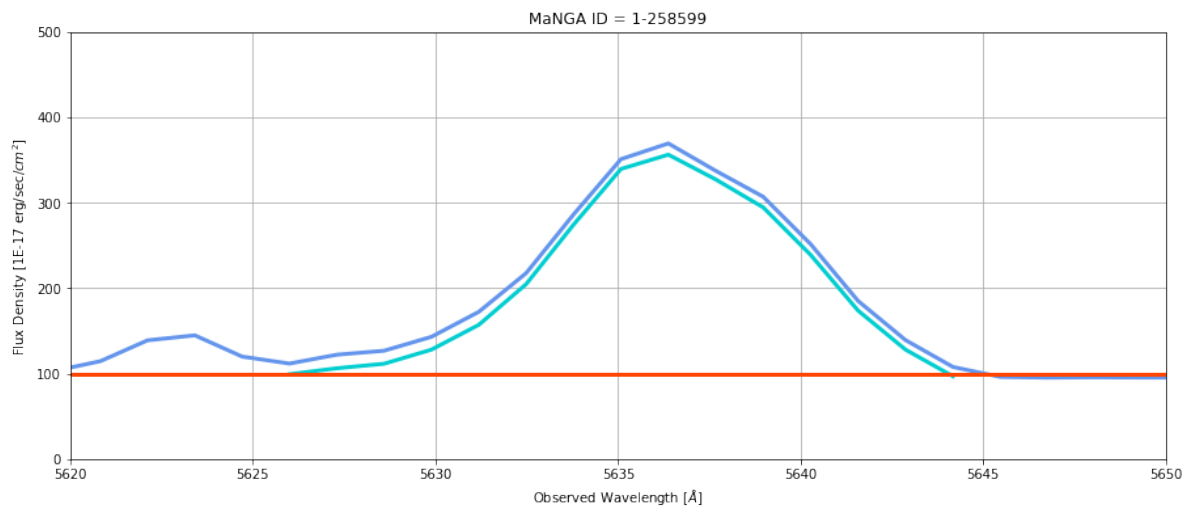
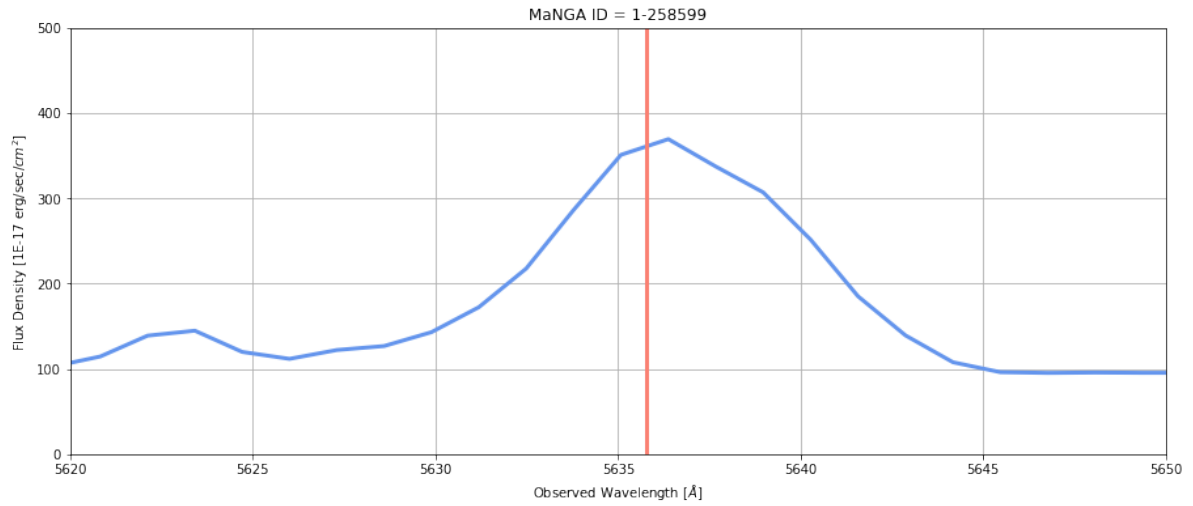
MaNGA ID: 1-258599



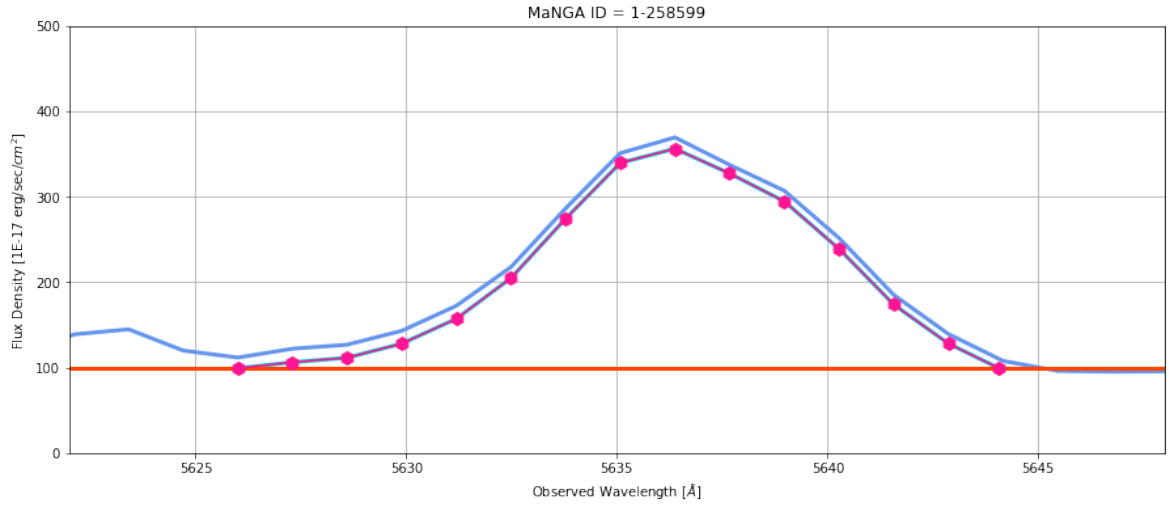
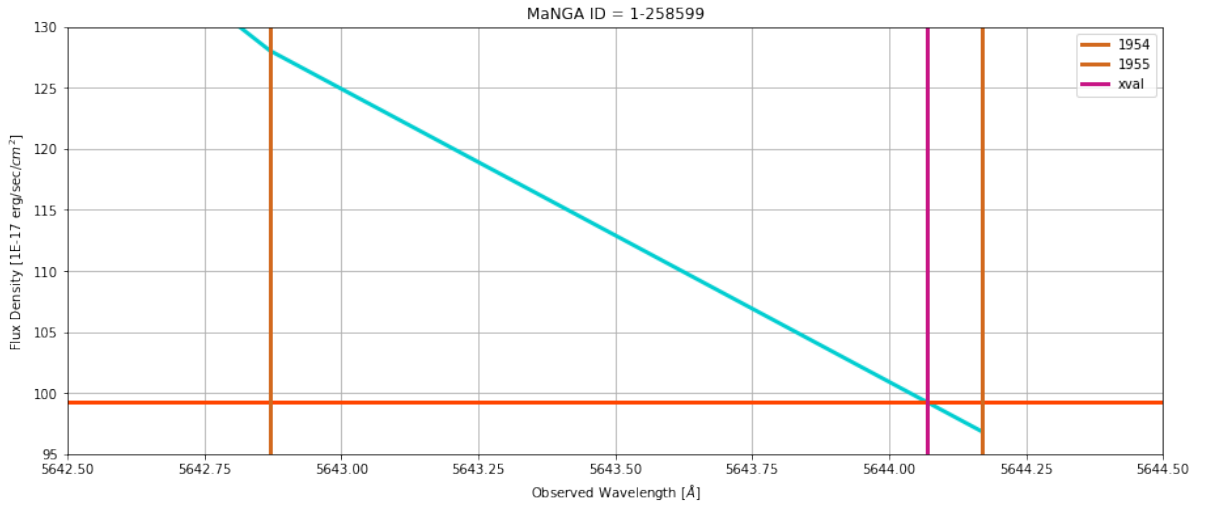
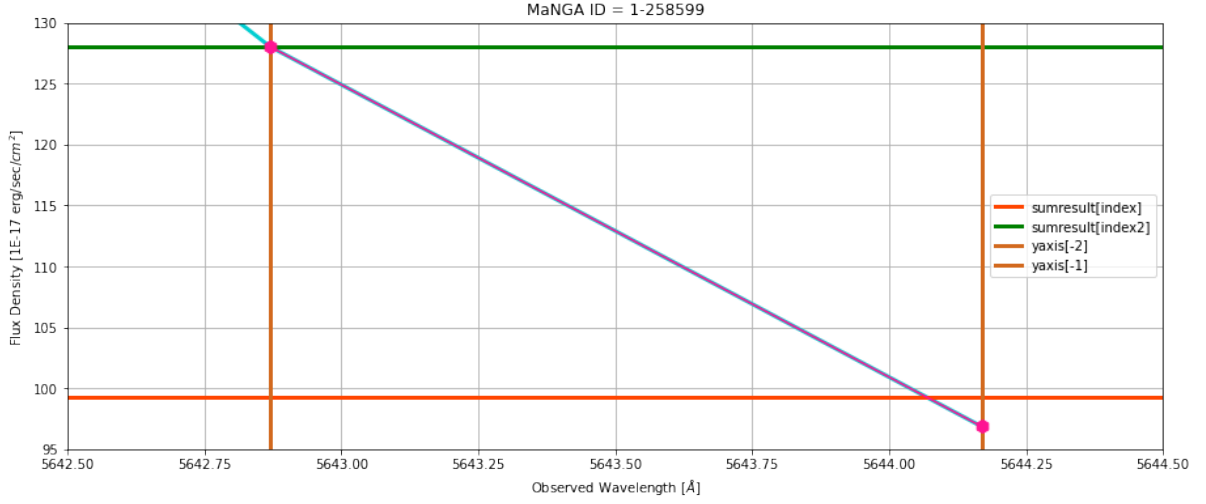




Calculatable - 8 Objects



Calculatable - 8 Objects



Redshift = 0.125582

Results before subtraction

$$\text{luminosity} = 1.572409069523804 \times 10^{42}$$

$$\log(\text{luminosity}) = 42.19656554012947$$

$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 8.611556260227008$$

$$\frac{M_{\text{BH}}}{M_{\odot}} = 39887093.8326498$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 7.600832394835236$$

Results after subtraction

$$\text{luminosity} = 8.307867009789859 \times 10^{41}$$

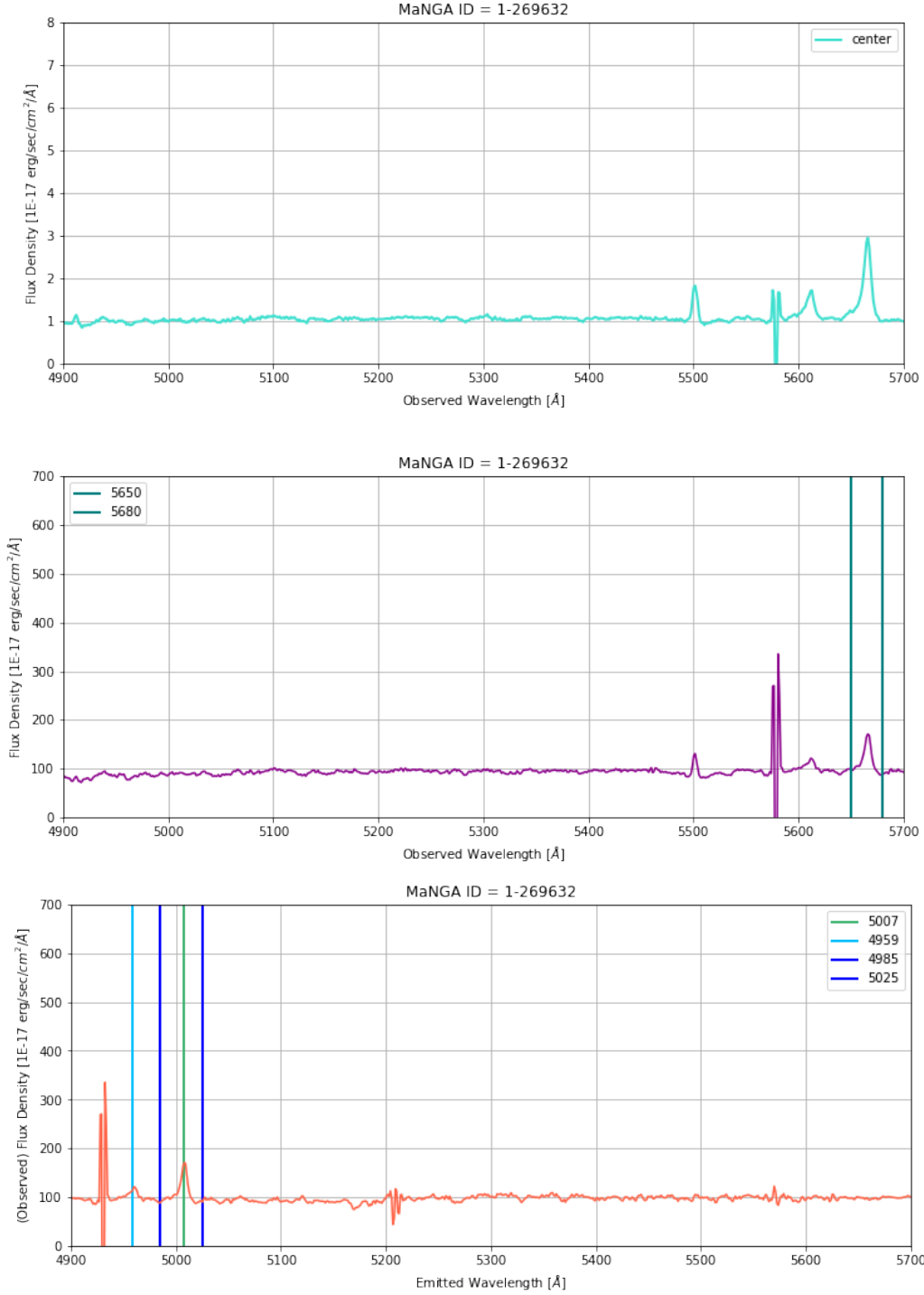
$$\log(\text{luminosity}) = 41.919489535843724$$

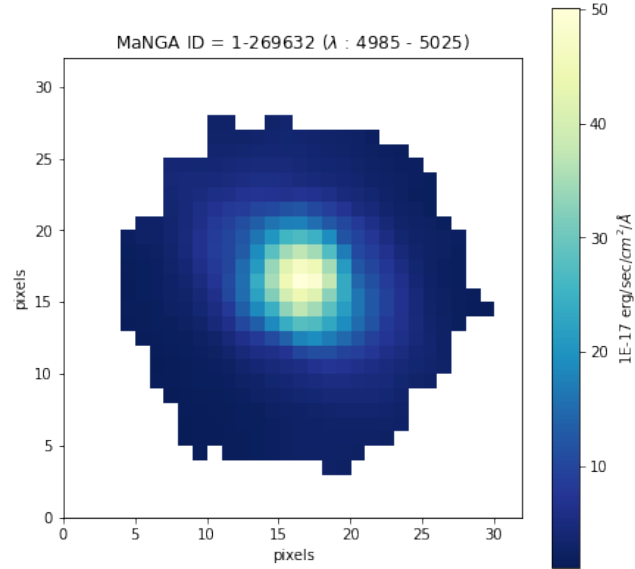
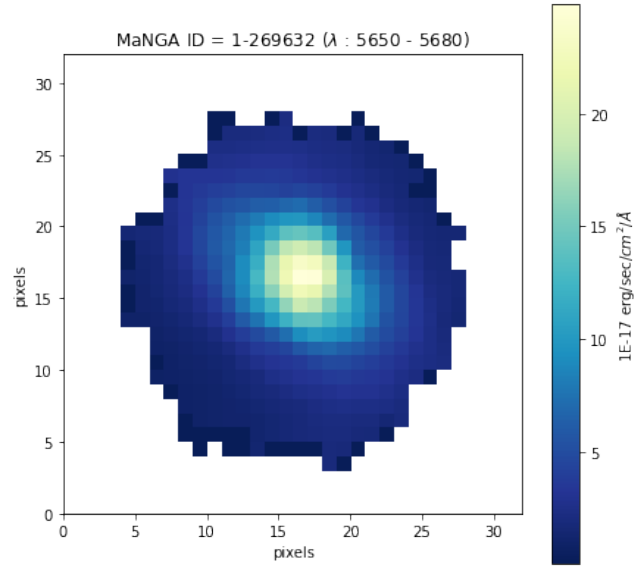
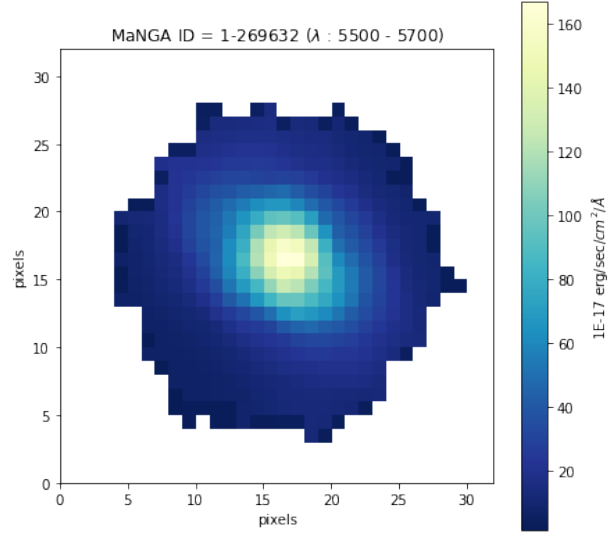
$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 8.334480255941259$$

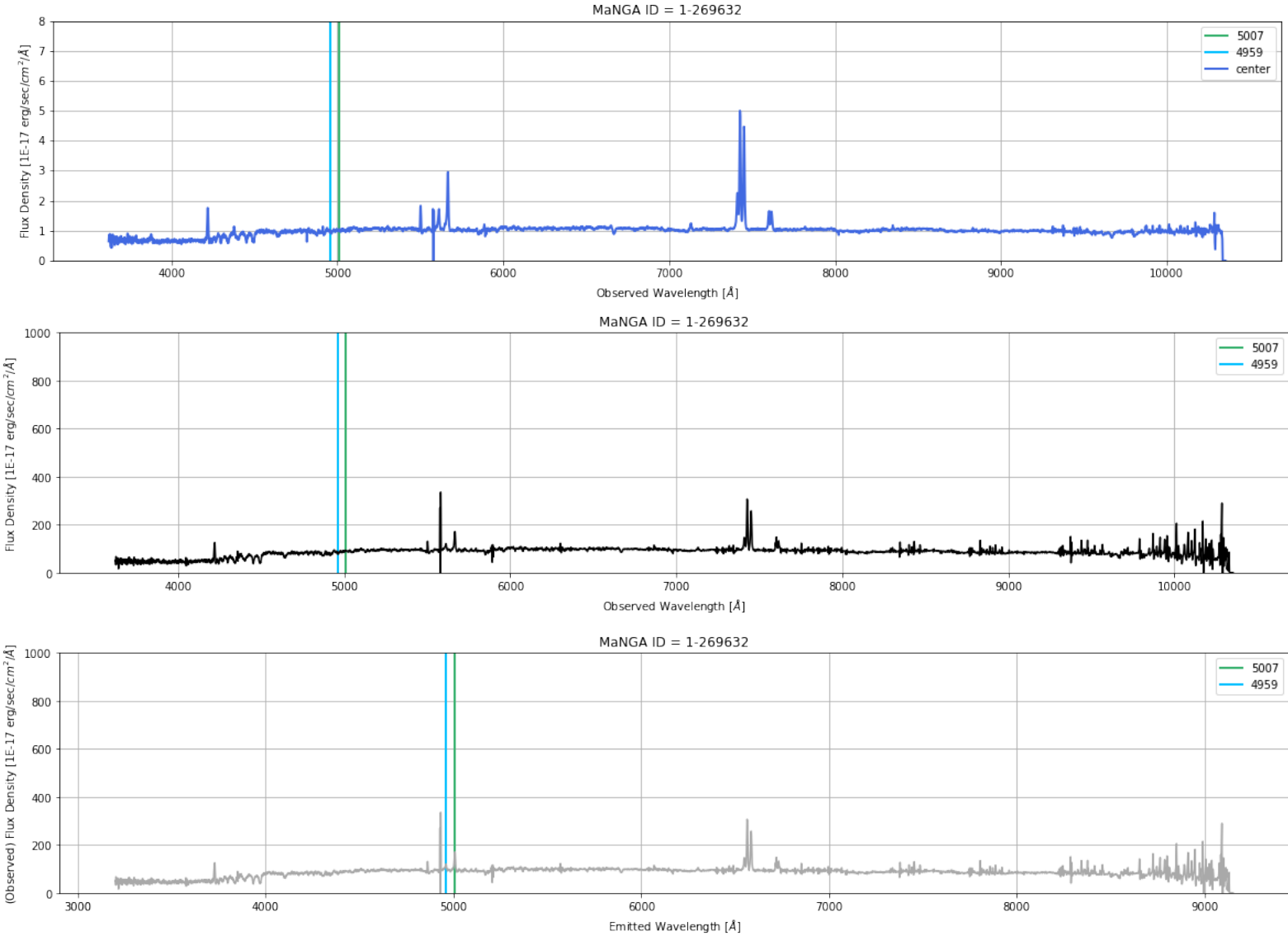
$$\frac{M_{\text{BH}}}{M_{\odot}} = 21074456.85676562$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 7.323756390549486$$

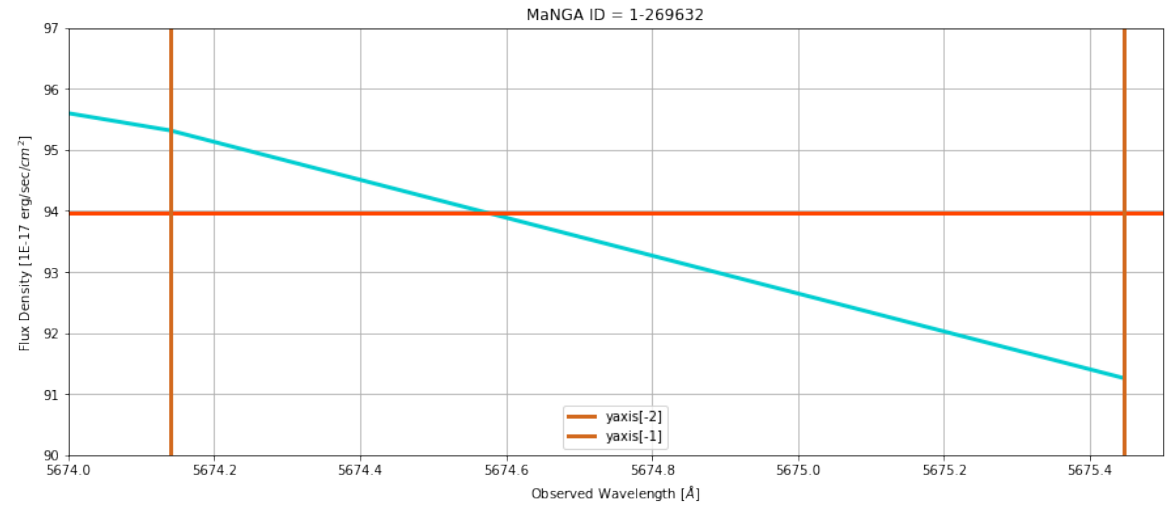
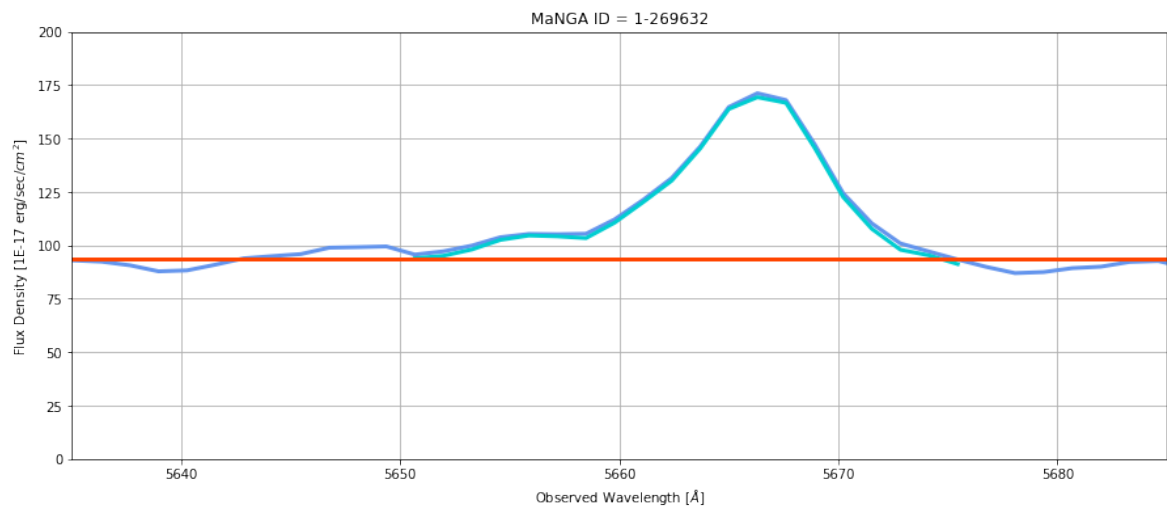
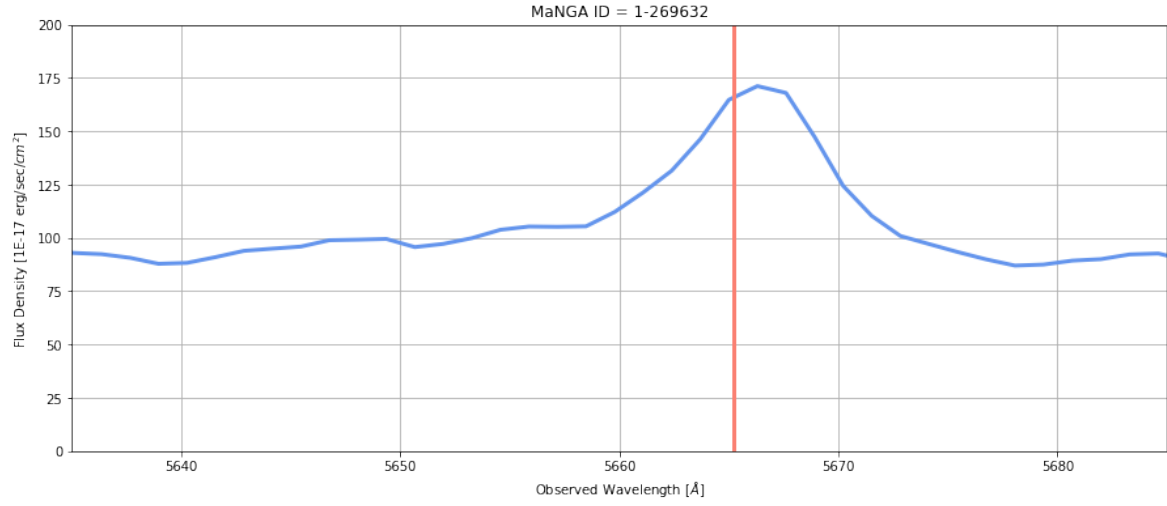
MaNGA ID: 1-269632



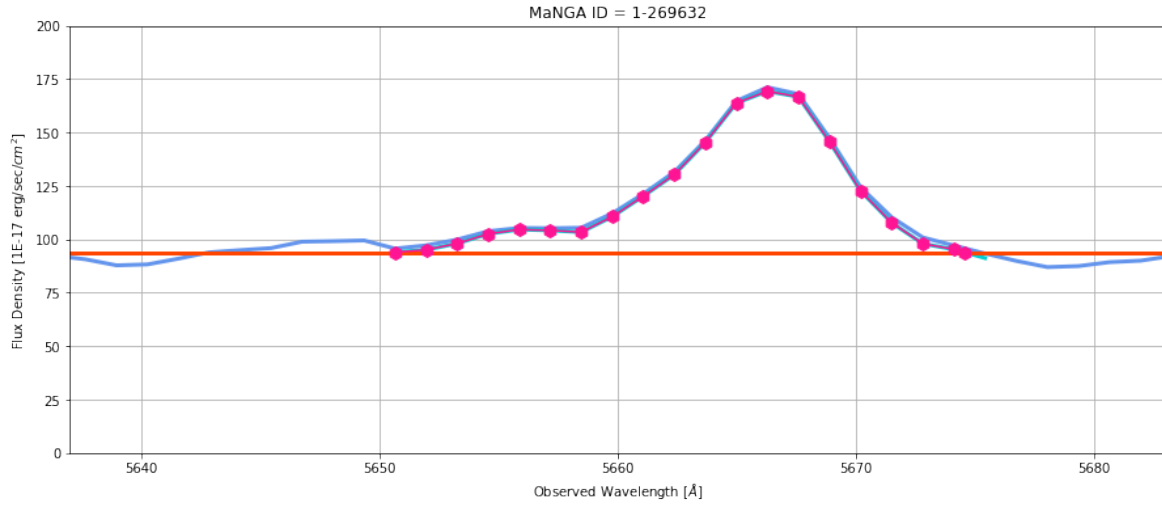
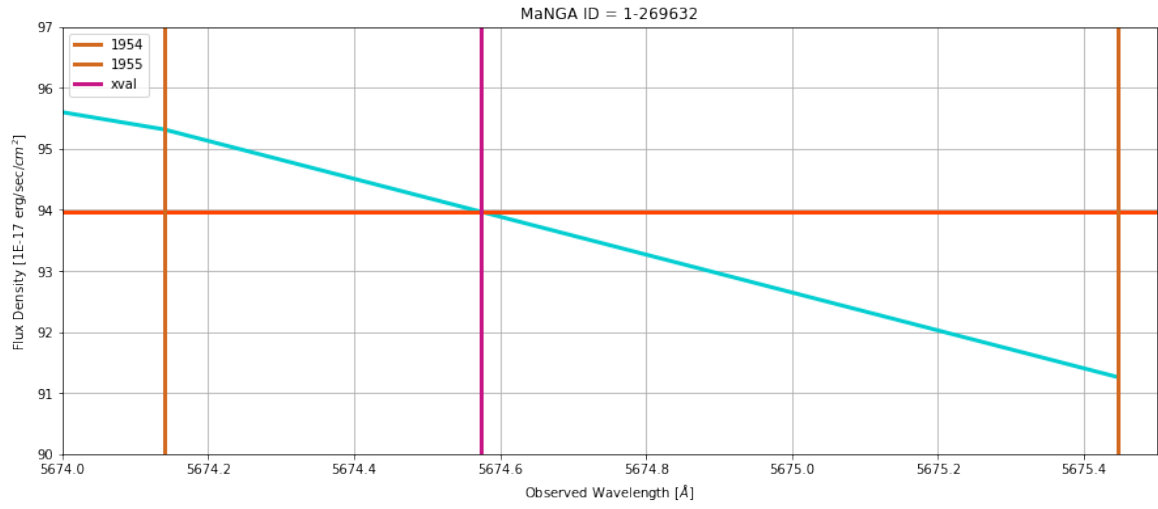
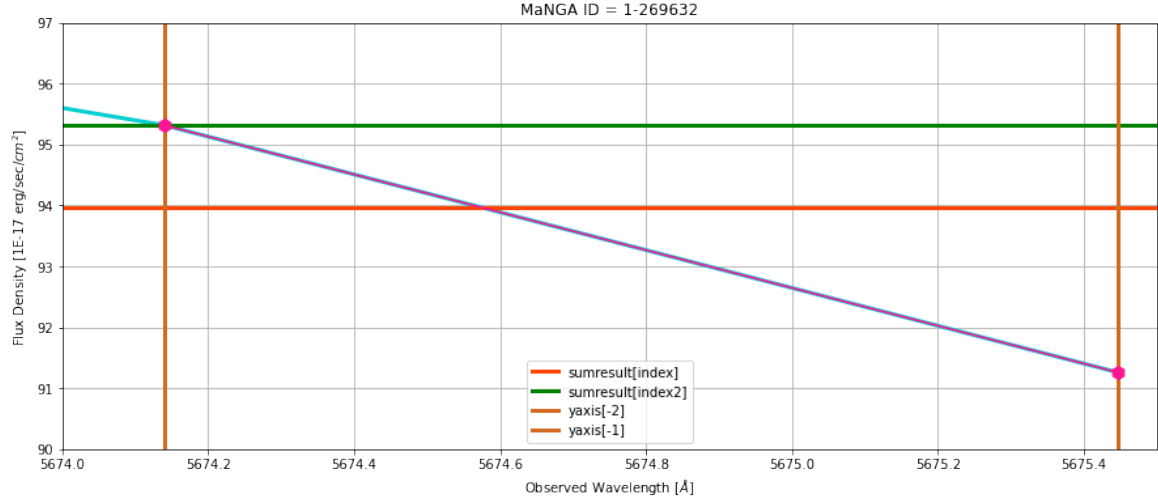




Calculatable - 8 Objects



Calculatable - 8 Objects



Redshift = 0.131457

Results before subtraction

$$\text{luminosity} = 1.3181725889857014 \times 10^{42}$$

$$\log(\text{luminosity}) = 42.119972276371044$$

$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 8.534962996468582$$

$$\frac{M_{\text{BH}}}{M_{\odot}} = 33437910.50532581$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 7.524239131076809$$

Results after subtraction

$$\text{luminosity} = 2.9274033290082782 \times 10^{41}$$

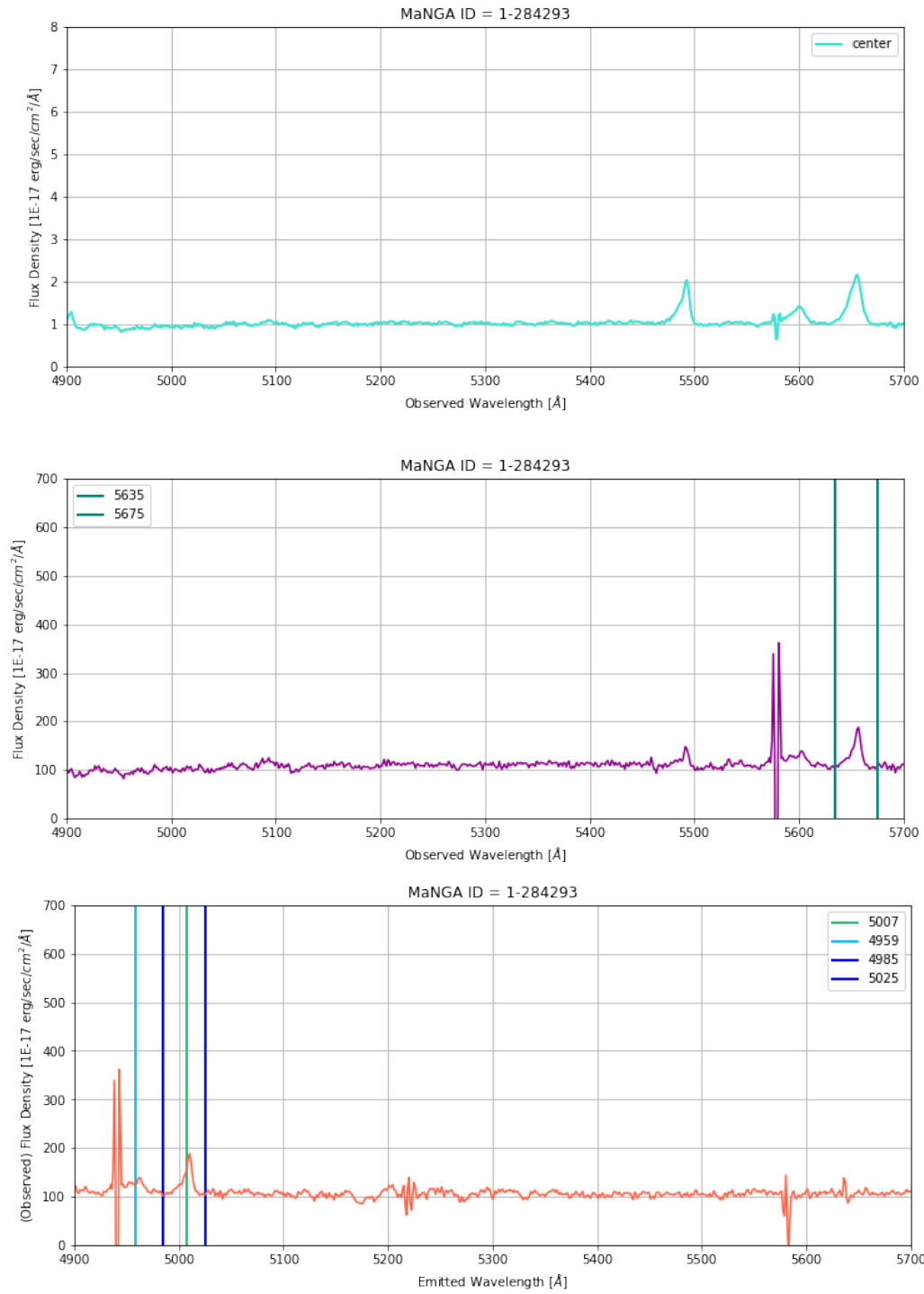
$$\log(\text{luminosity}) = 41.466482562370715$$

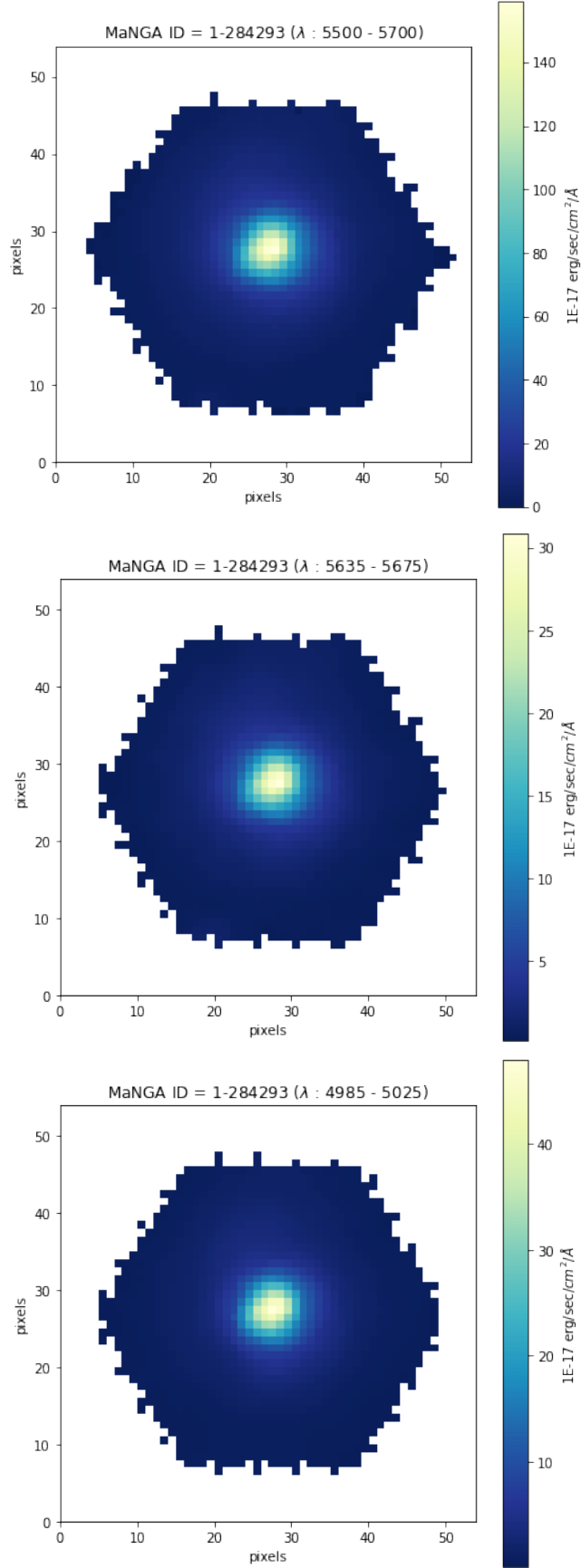
$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 7.881473282468254$$

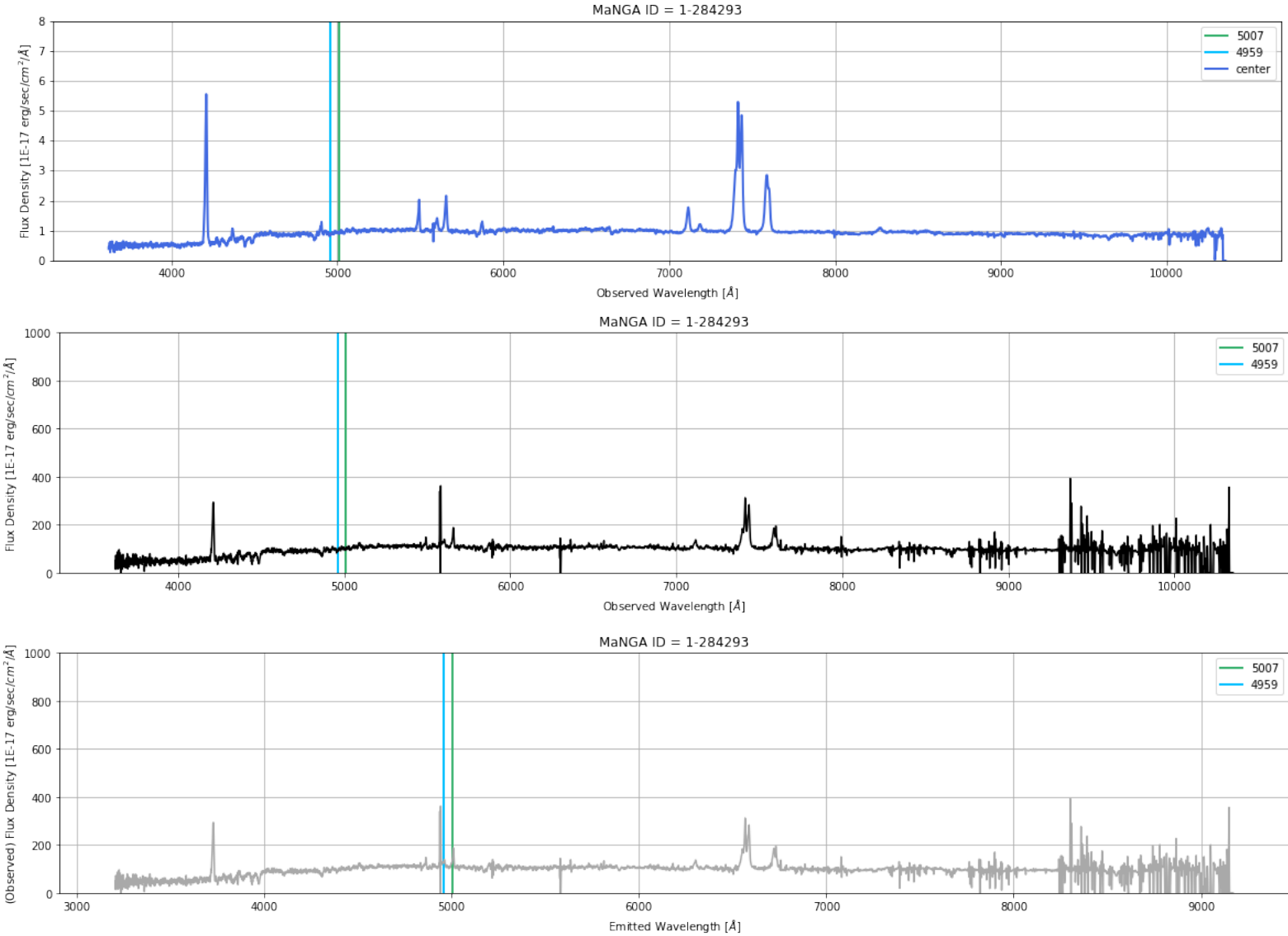
$$\frac{M_{\text{BH}}}{M_{\odot}} = 7425905.480532903$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 6.870749417076481$$

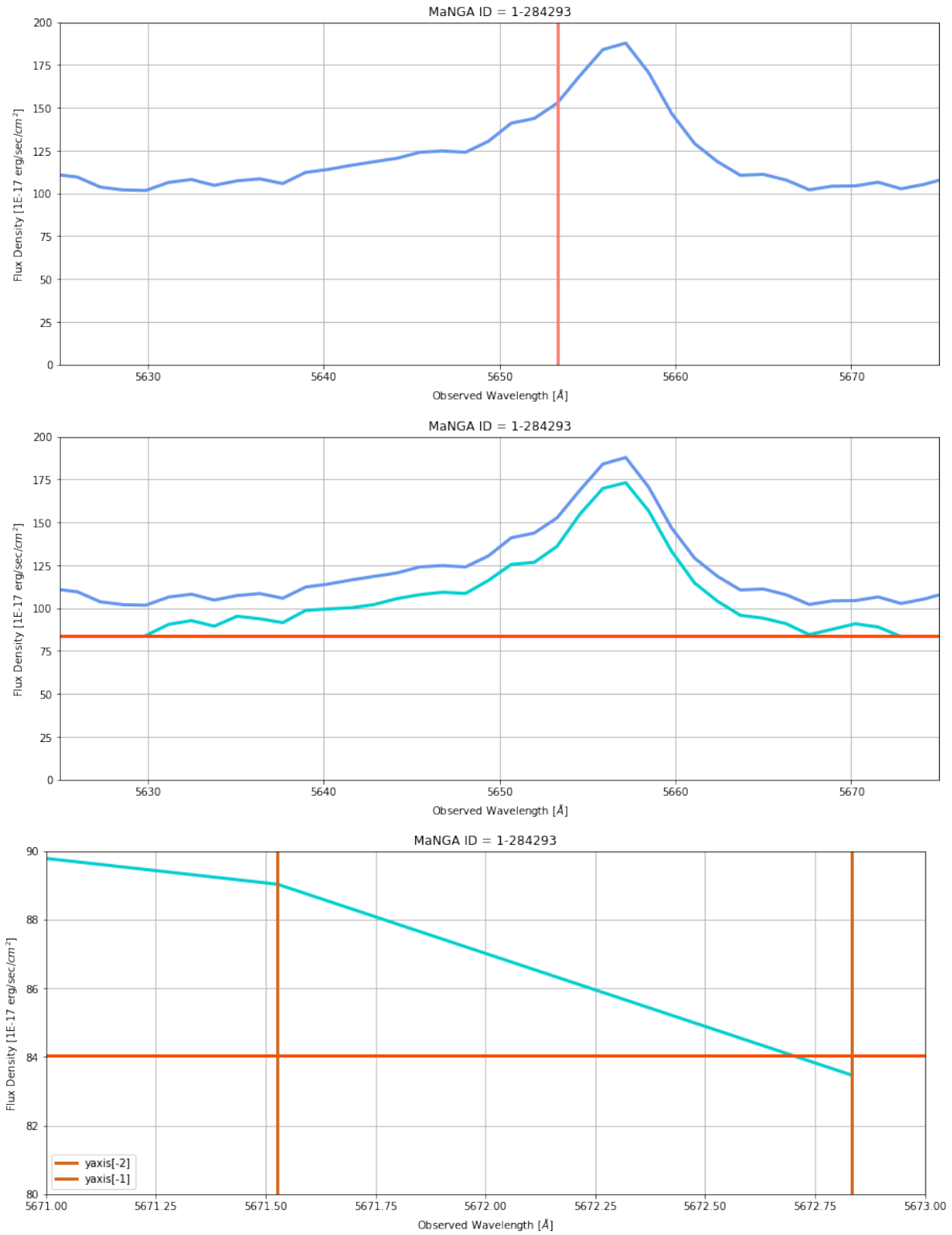
MaNGA ID: 1-284293



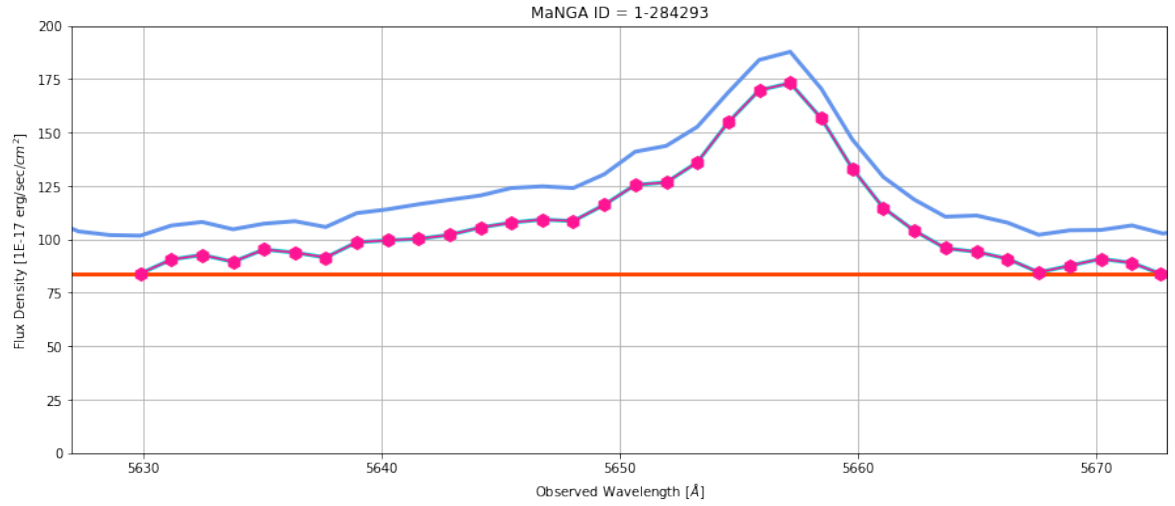
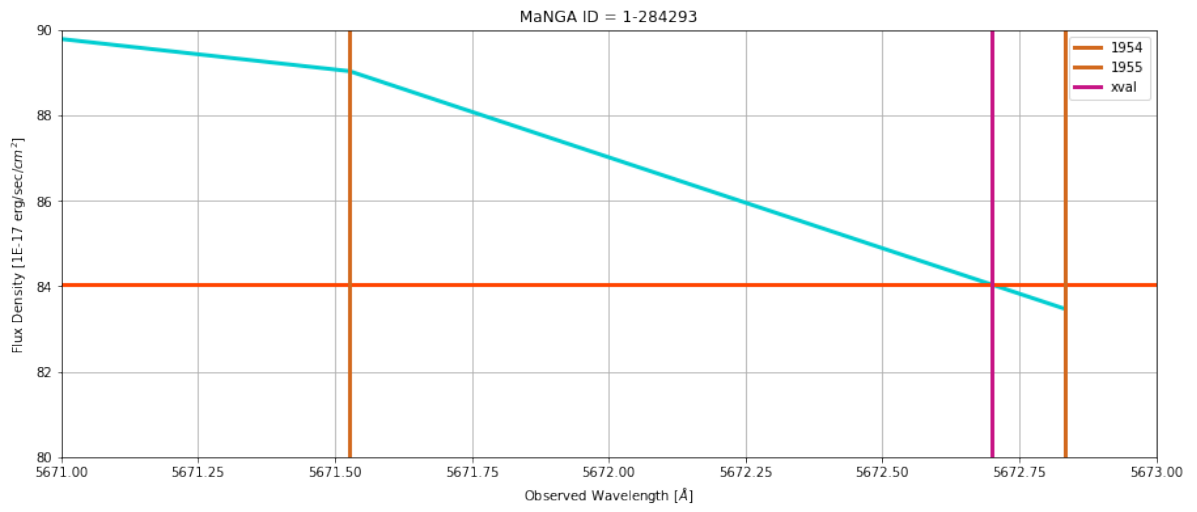
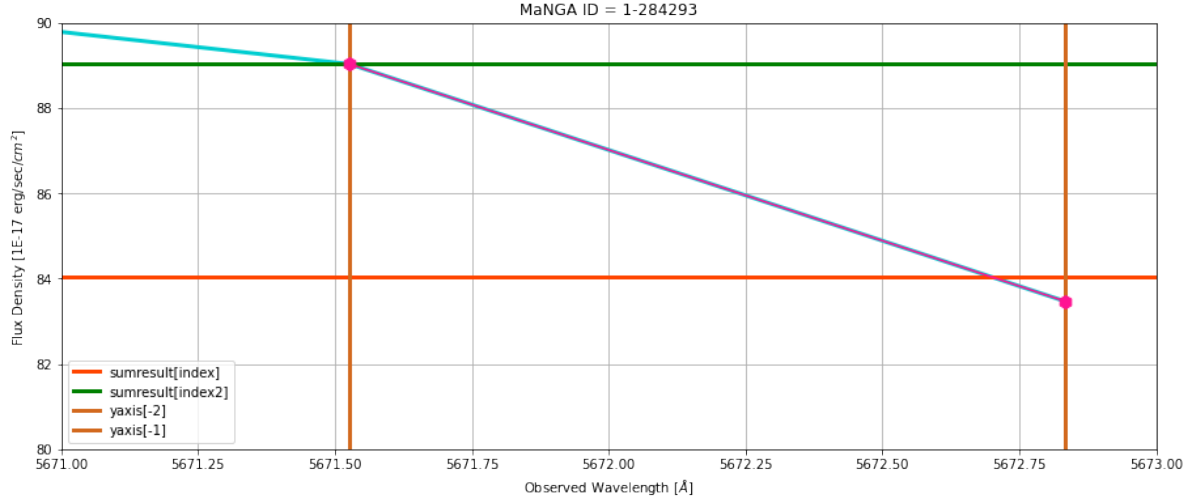




Calculatable - 8 Objects



Calculatable - 8 Objects



Redshift = 0.12908

Results before subtraction

$$\text{luminosity} = 2.0582266051633965 \times 10^{42}$$

$$\log(\text{luminosity}) = 42.31349318770256$$

$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 8.7284839078001$$

$$\frac{M_{\text{BH}}}{M_{\odot}} = 52210763.293213$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 7.717760042408328$$

Results after subtraction

$$\text{luminosity} = 4.796206196145382 \times 10^{41}$$

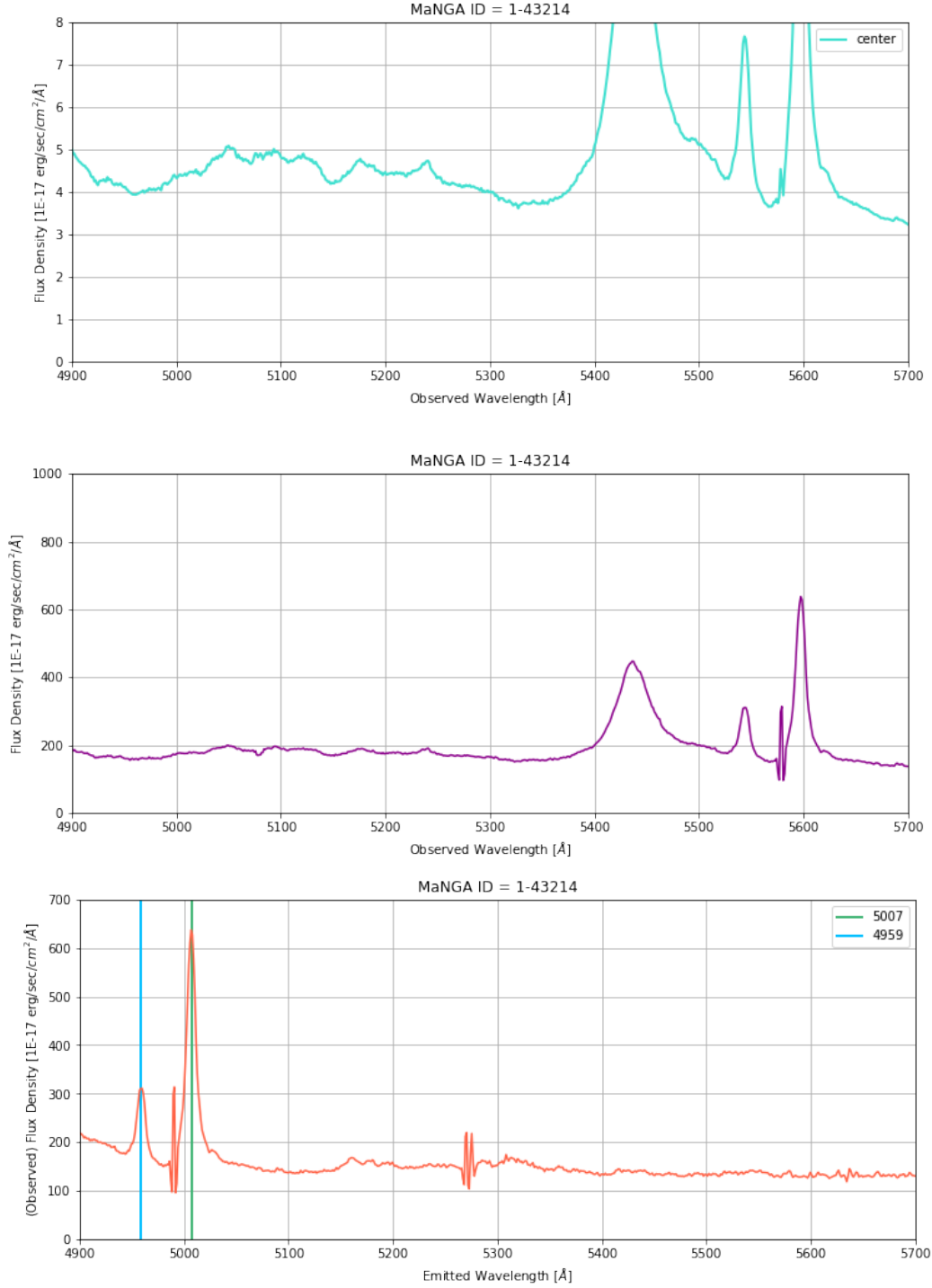
$$\log(\text{luminosity}) = 41.680897845803614$$

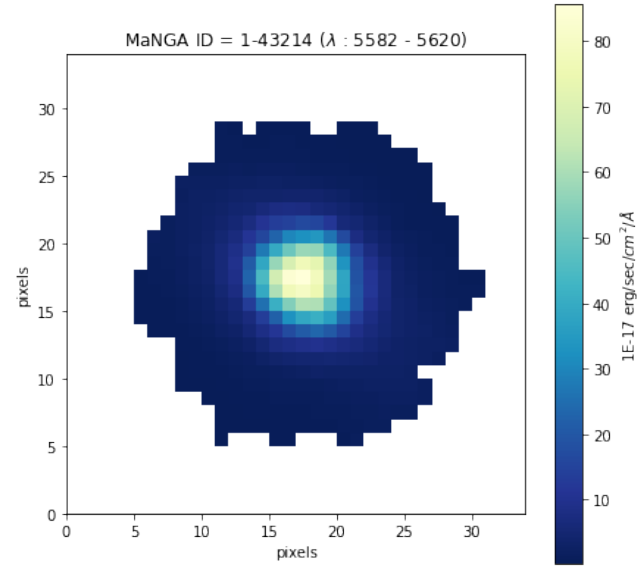
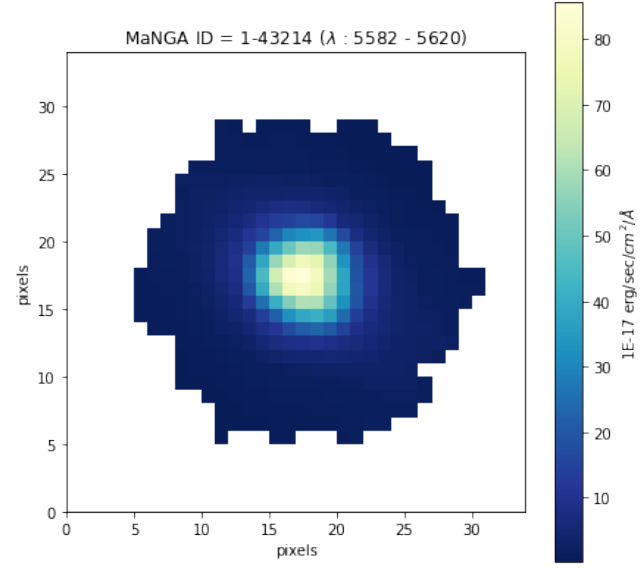
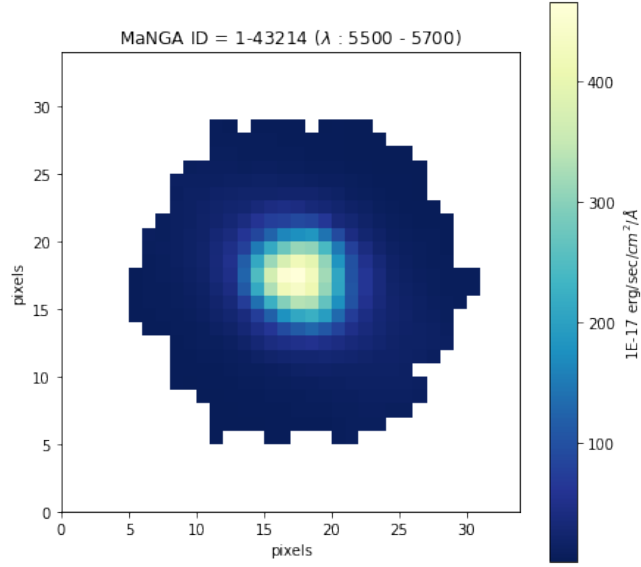
$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 8.095888565901156$$

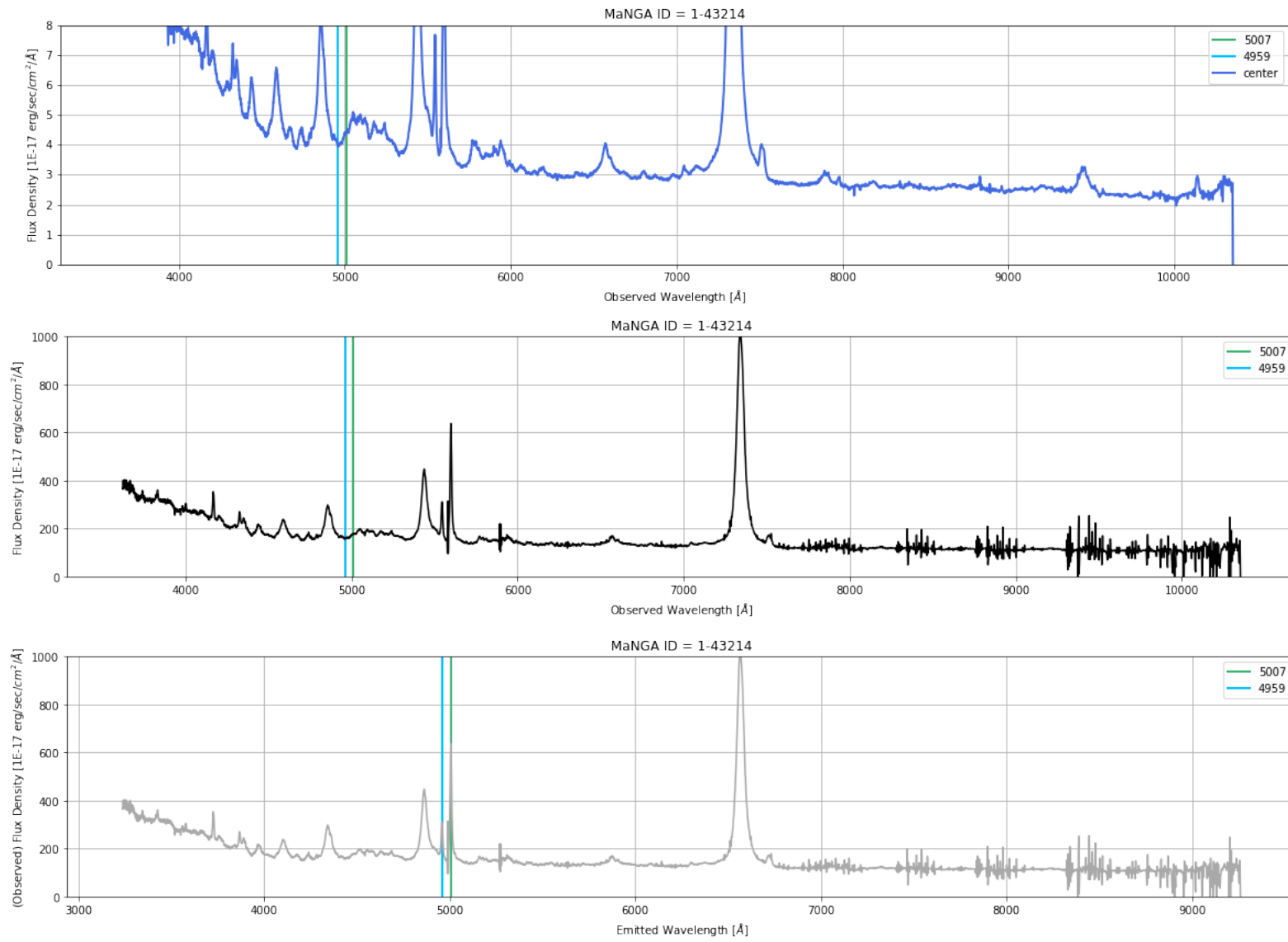
$$\frac{M_{\text{BH}}}{M_{\odot}} = 12166473.107683325$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 7.085164700509383$$

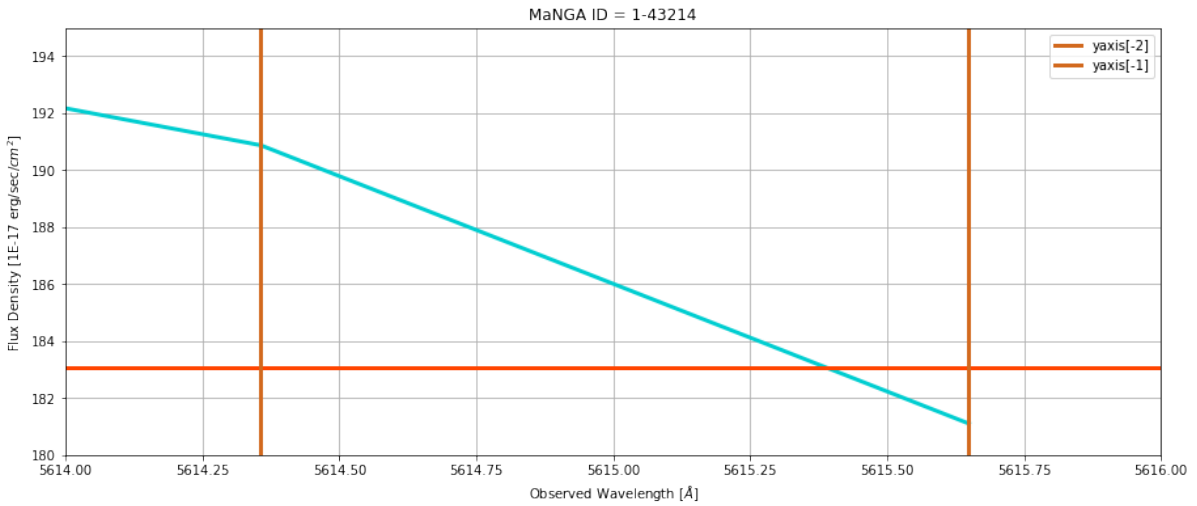
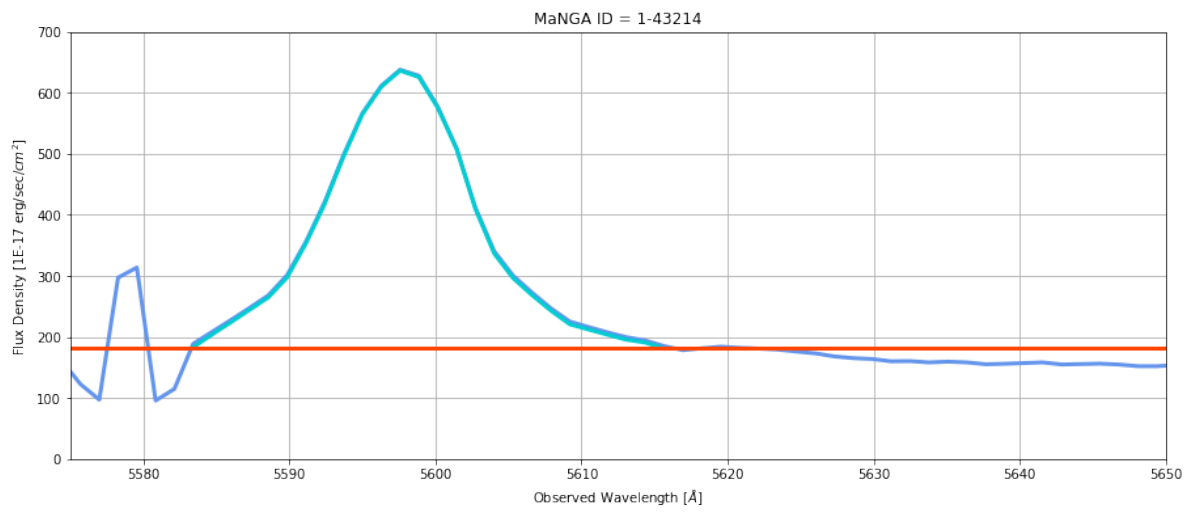
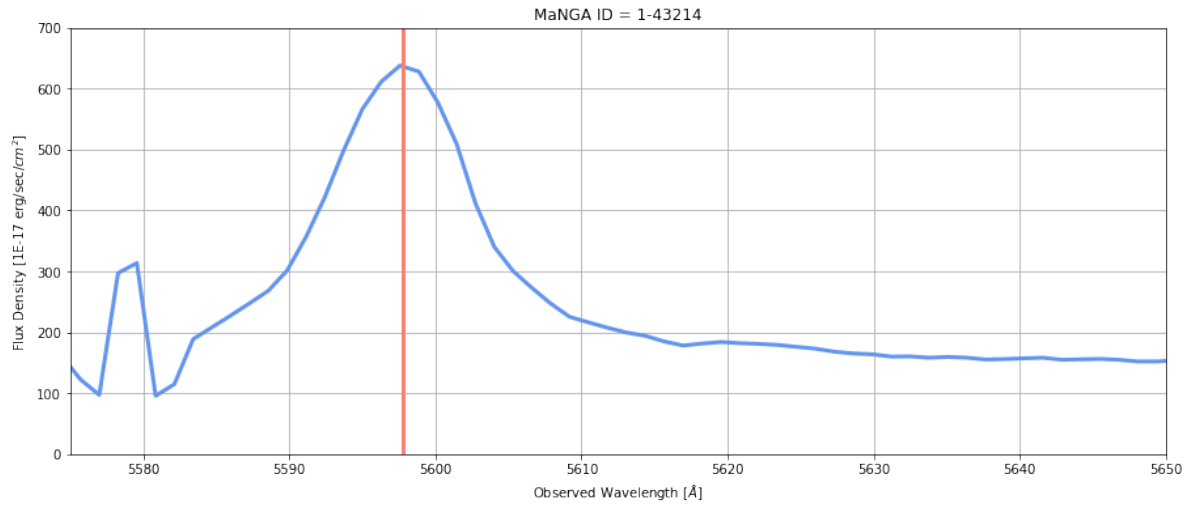
MaNGA ID: 1-43214



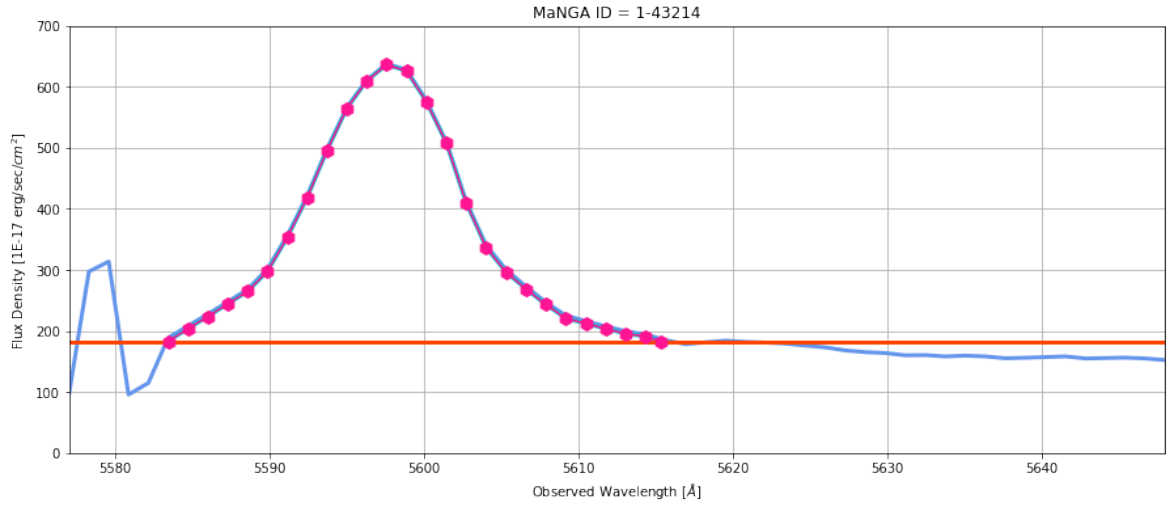
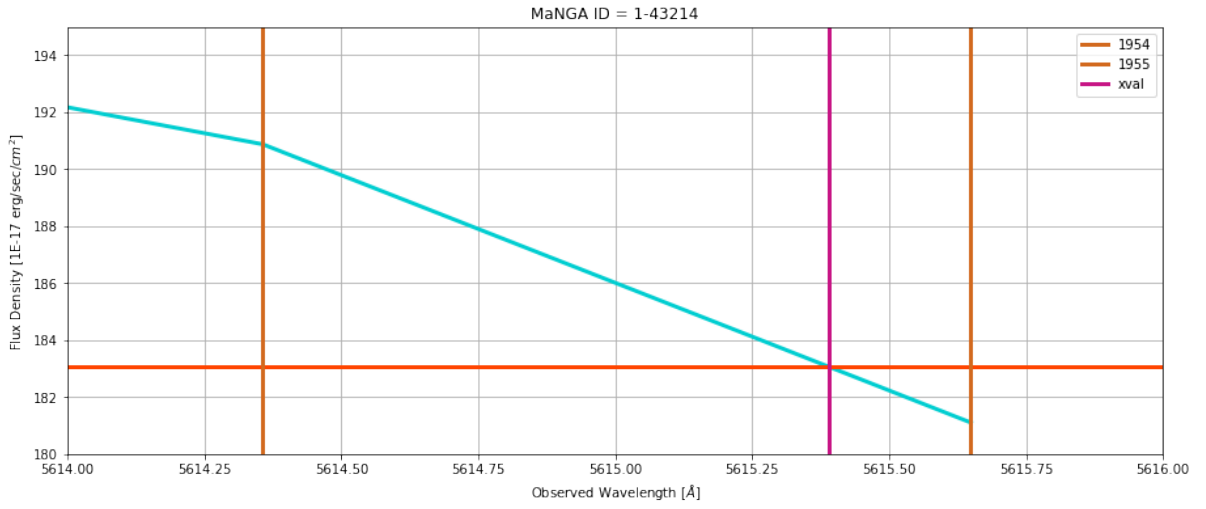
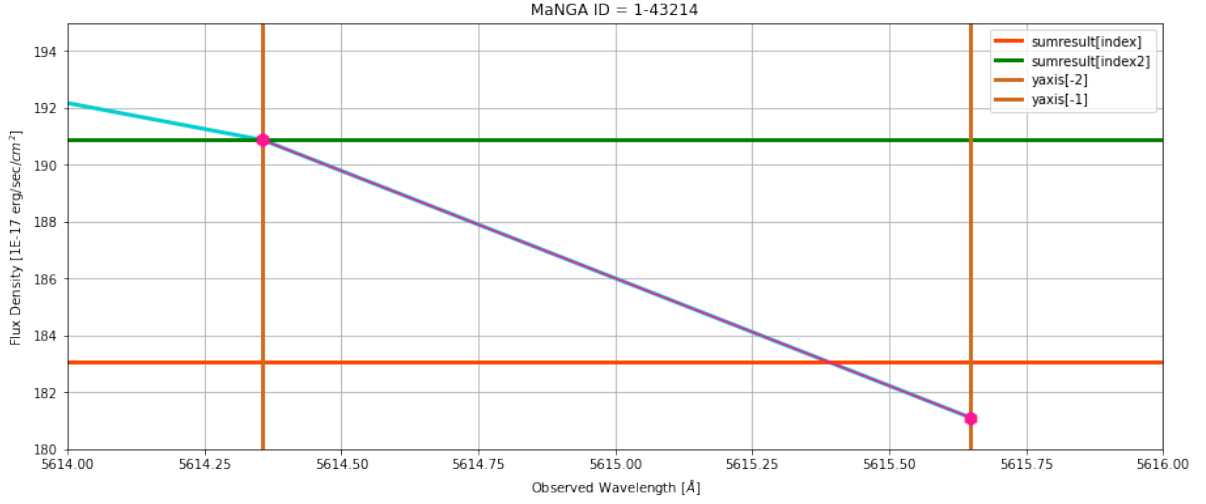




Calculatable - 8 Objects



Calculatable - 8 Objects



Redshift = 0.117997

Results before subtraction

$$\text{luminosity} = 4.0734555924272464 \times 10^{42}$$

$$\log(\text{luminosity}) = 42.60996298612624$$

$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 9.024953706223782$$

$$\frac{M_{\text{BH}}}{M_{\odot}} = 103330811.67452396$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 8.014229840832009$$

Results after subtraction

$$\text{luminosity} = 1.9580083519480083 \times 10^{42}$$

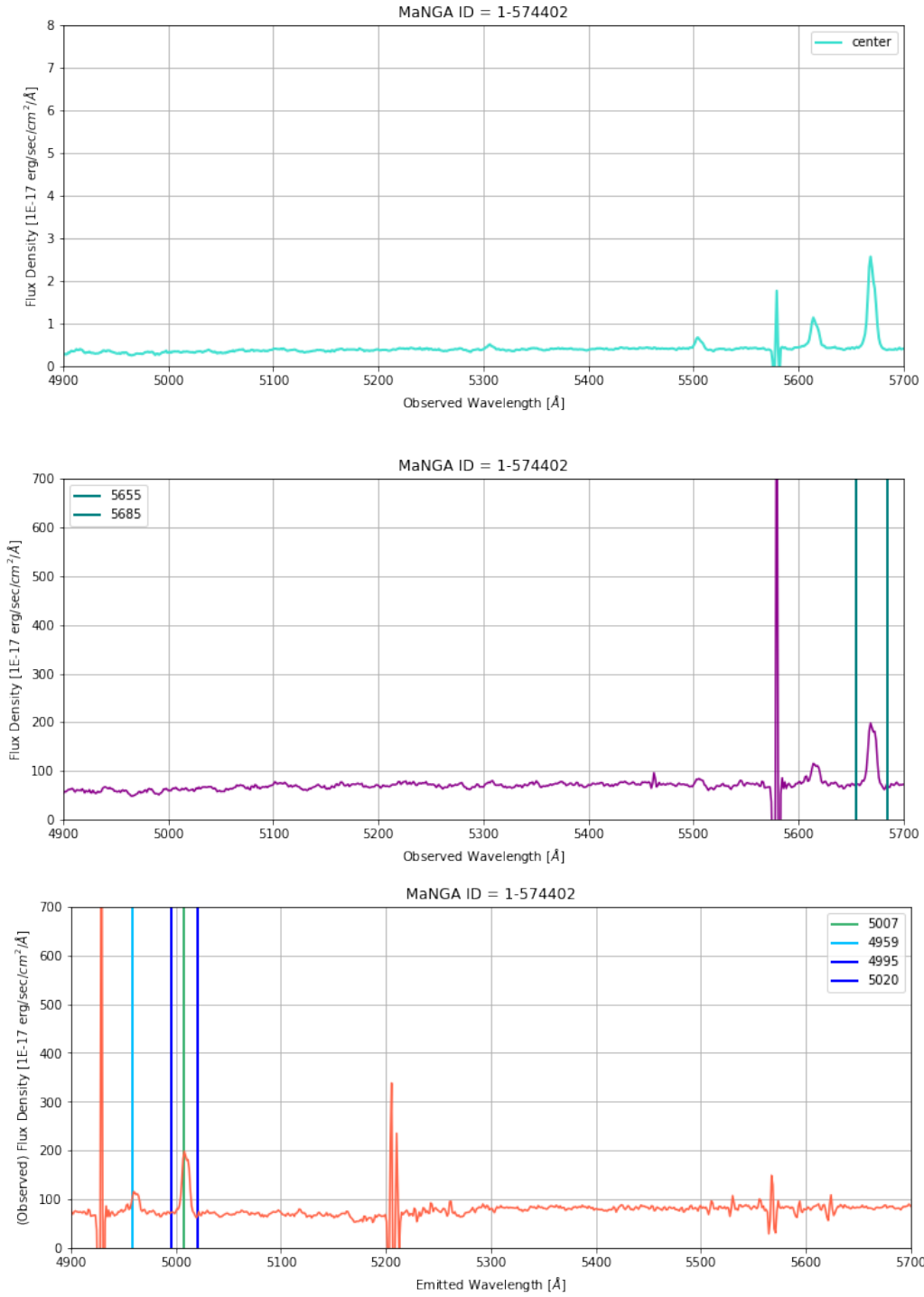
$$\log(\text{luminosity}) = 42.29181453996824$$

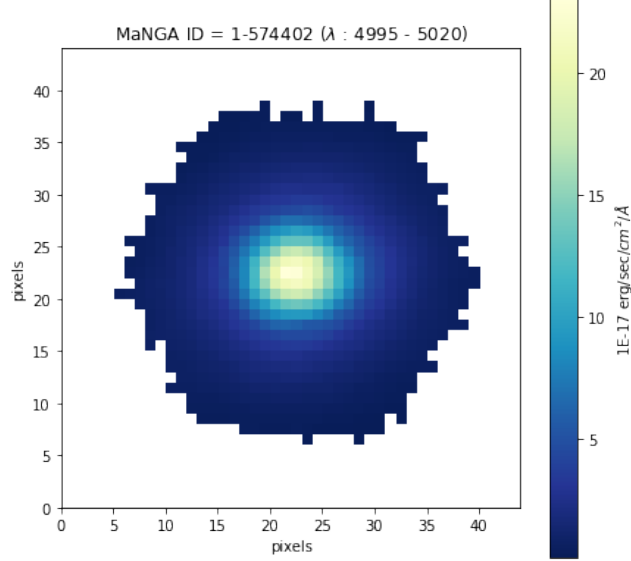
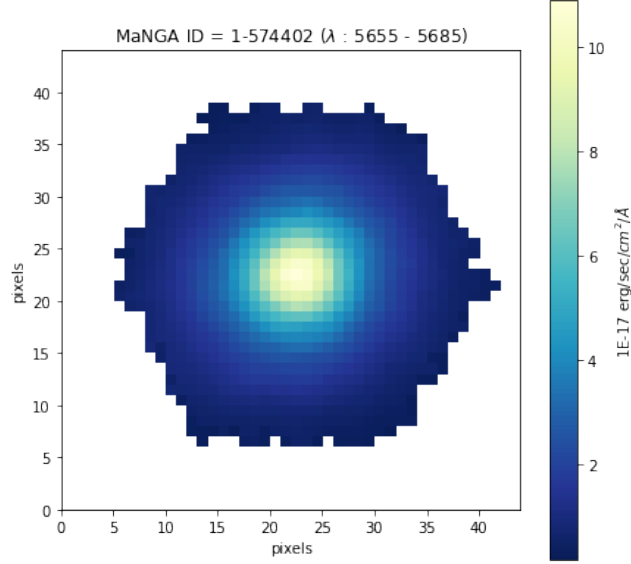
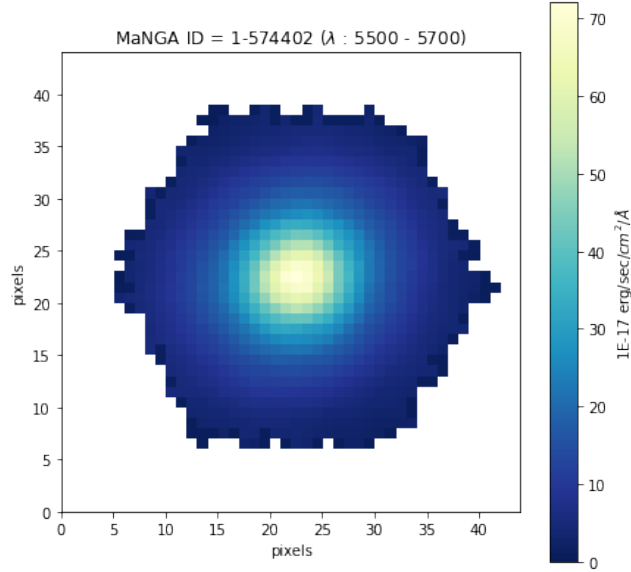
$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 8.70680526006578$$

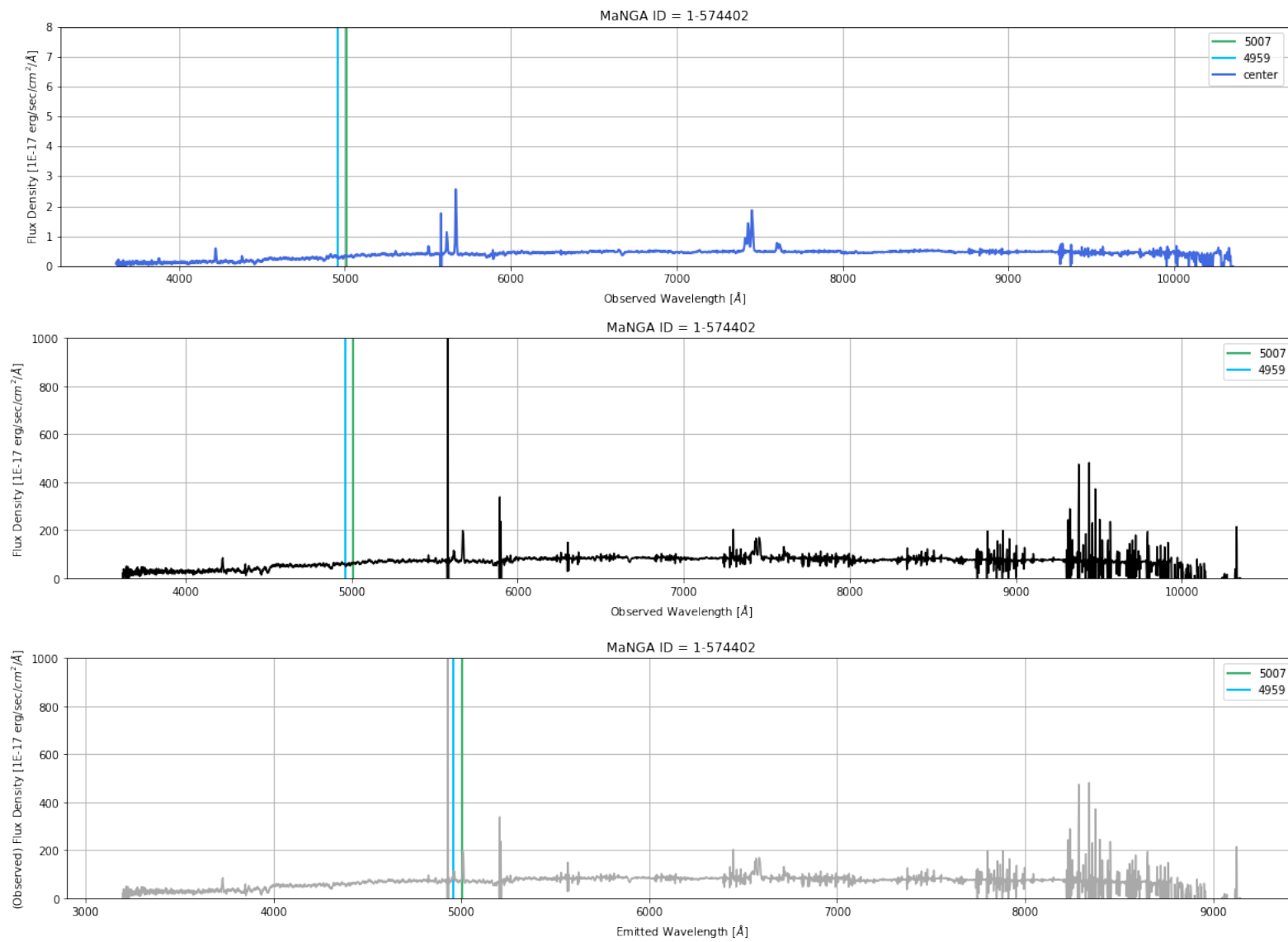
$$\frac{M_{\text{BH}}}{M_{\odot}} = 49668540.05930795$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 7.696081394674007$$

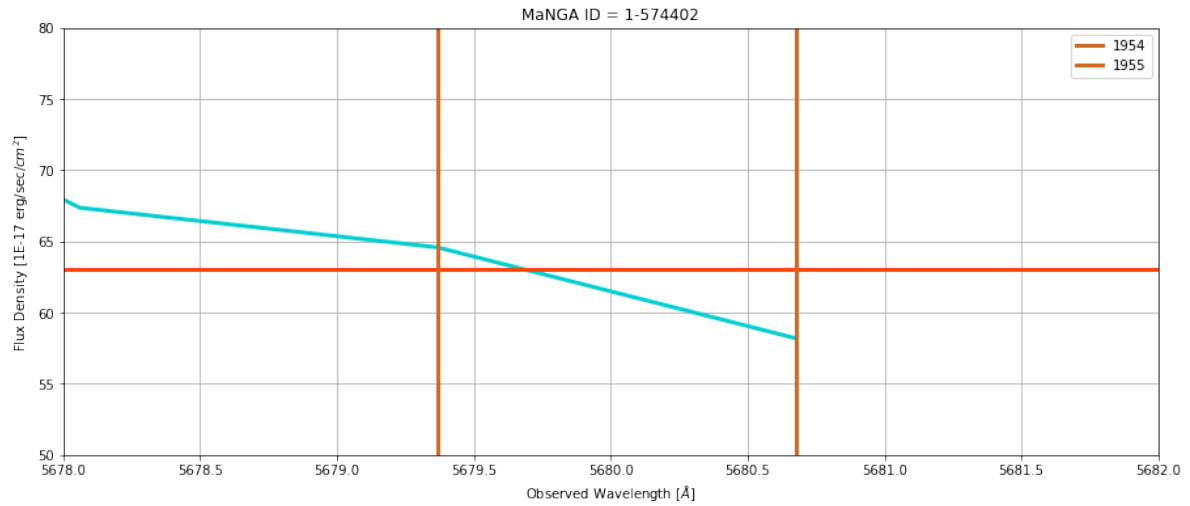
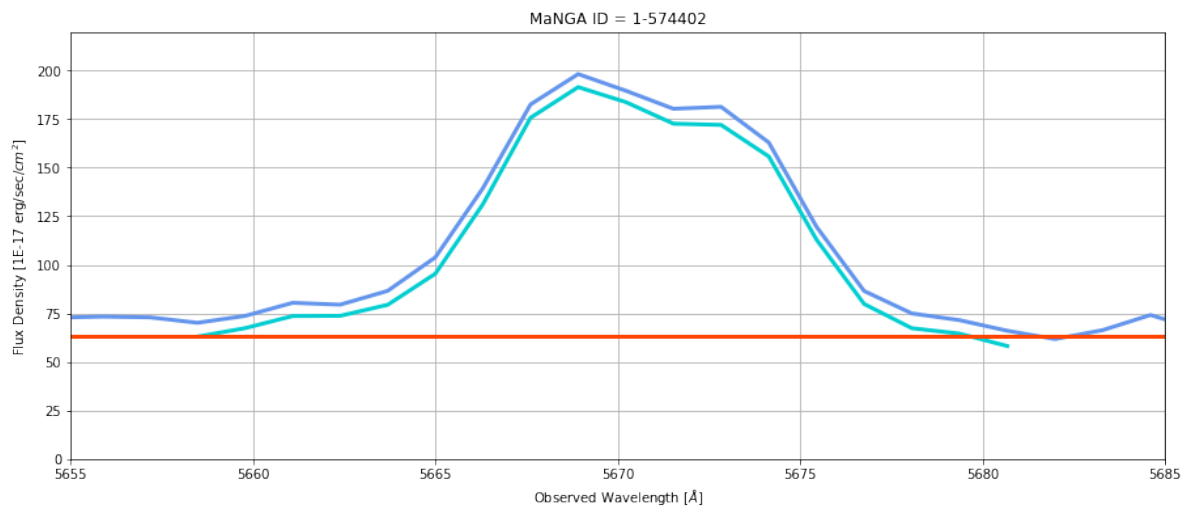
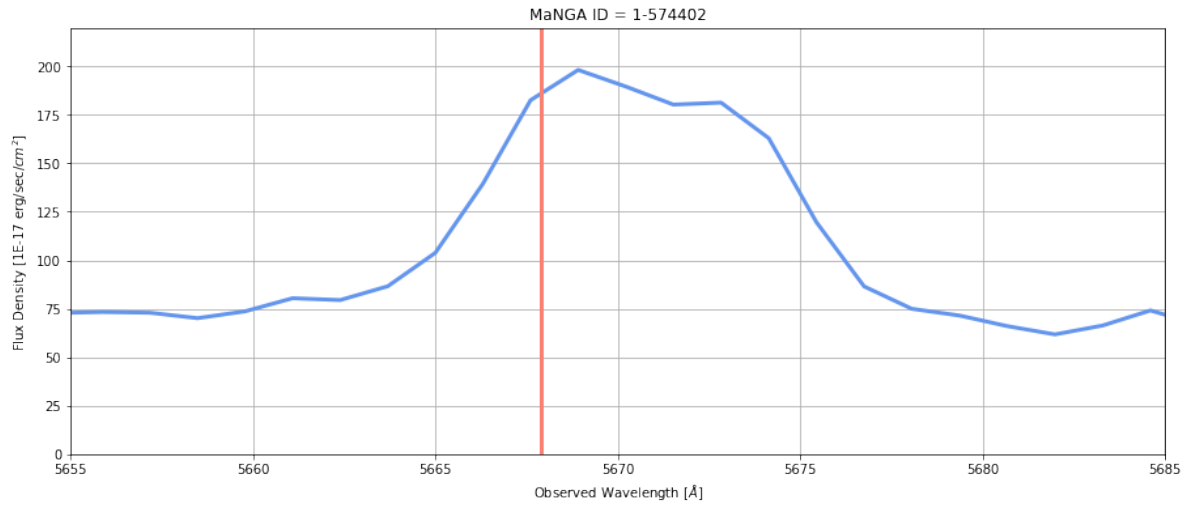
MaNGA ID: 1-574402



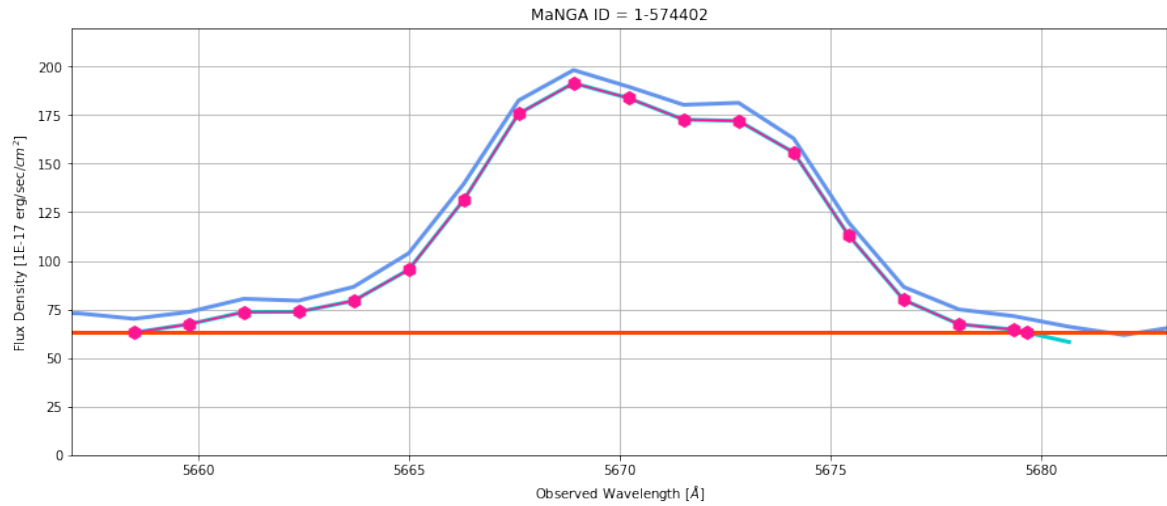
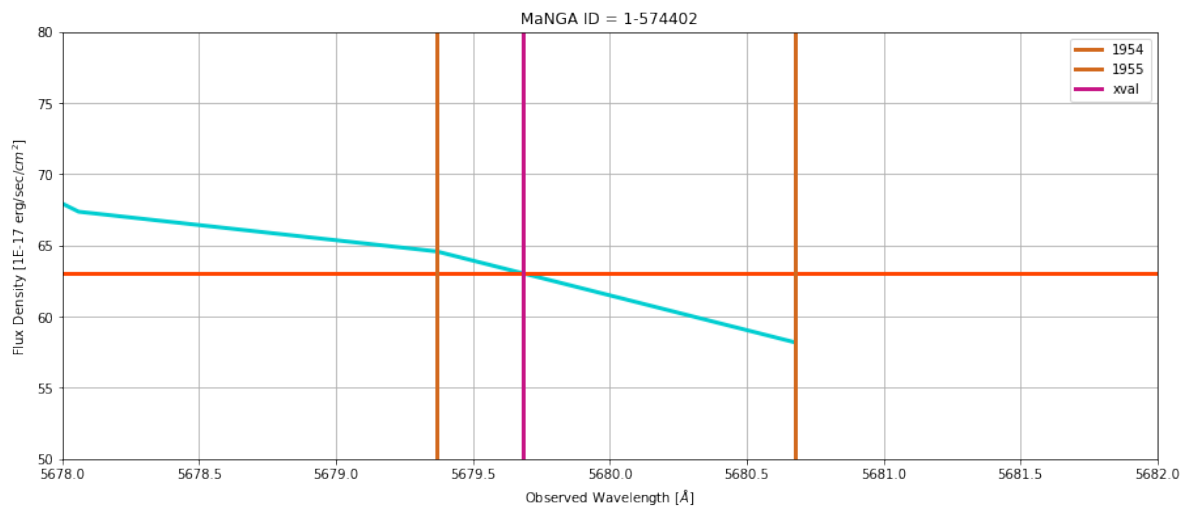
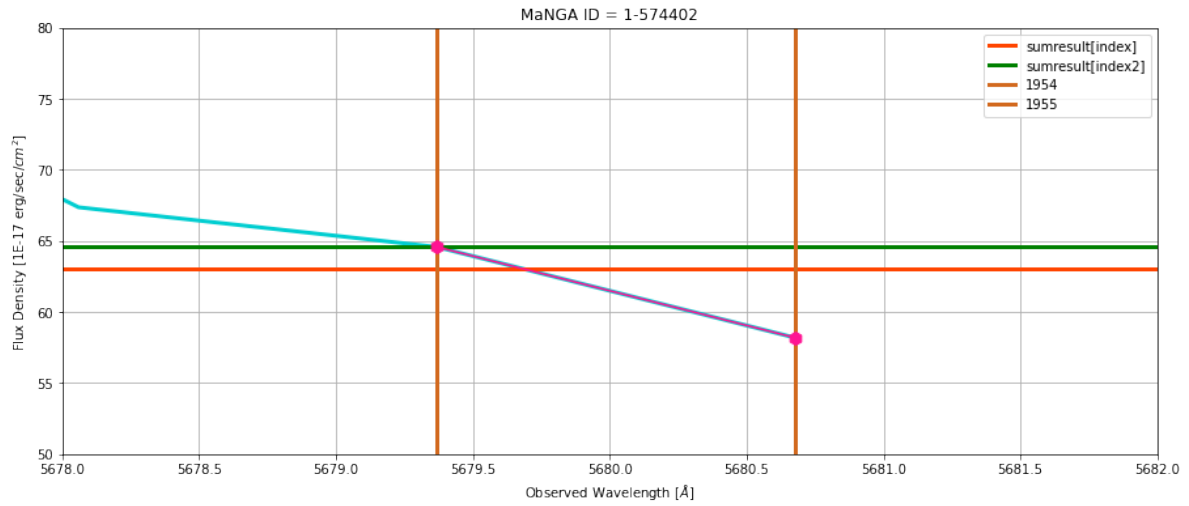




Calculatable - 8 Objects



Calculatable - 8 Objects



Redshift = 0.131997

Results before subtraction

$$\text{luminosity} = 1.1495624963442128 \times 10^{42}$$

$$\log(\text{luminosity}) = 42.06053258680985$$

$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 8.475523306907387$$

$$\frac{M_{\text{BH}}}{M_{\odot}} = 29160800.485628728$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 7.464799441515614$$

Results after subtraction

$$\text{luminosity} = 5.338598779563711 \times 10^{41}$$

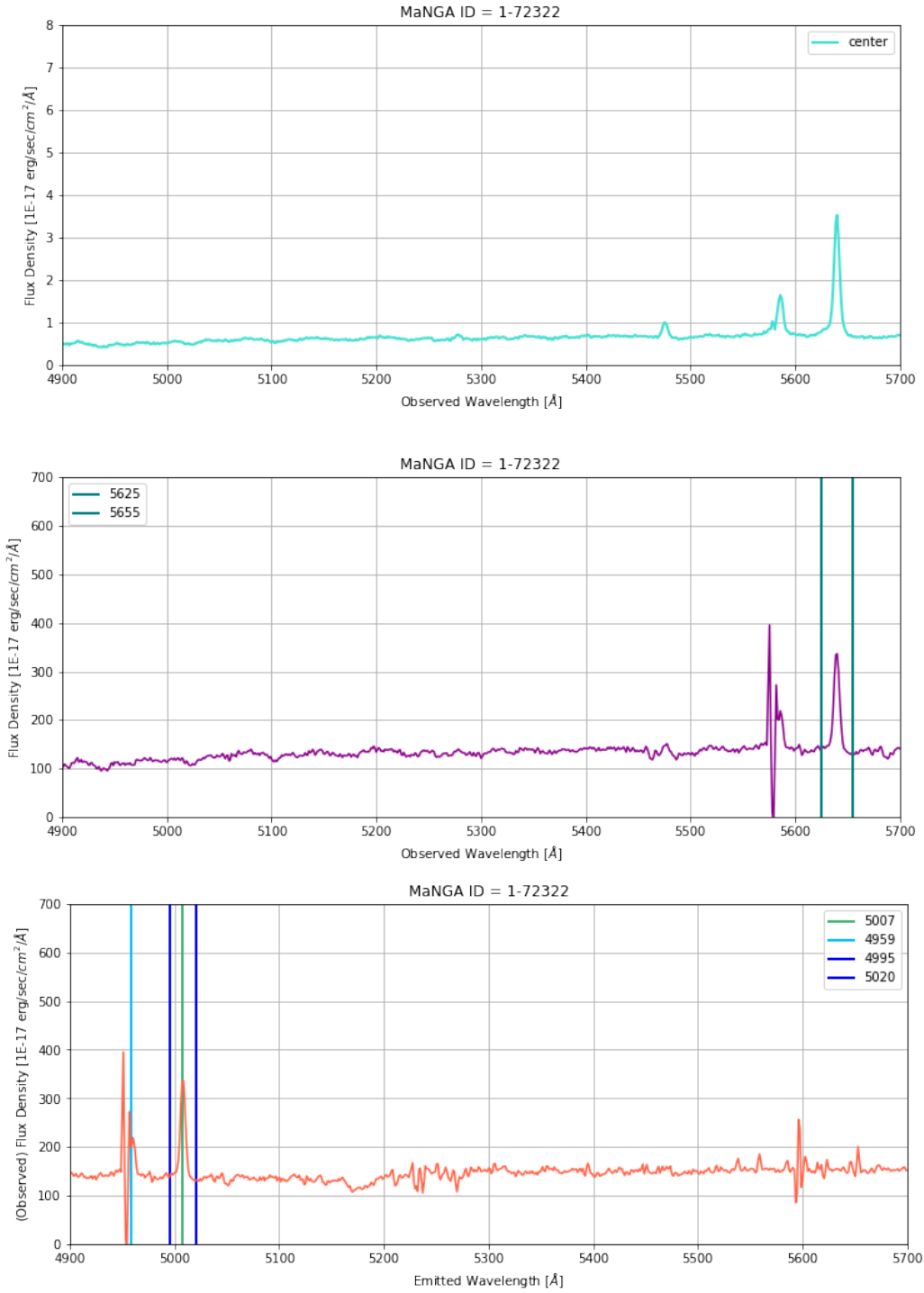
$$\log(\text{luminosity}) = 41.727427282841596$$

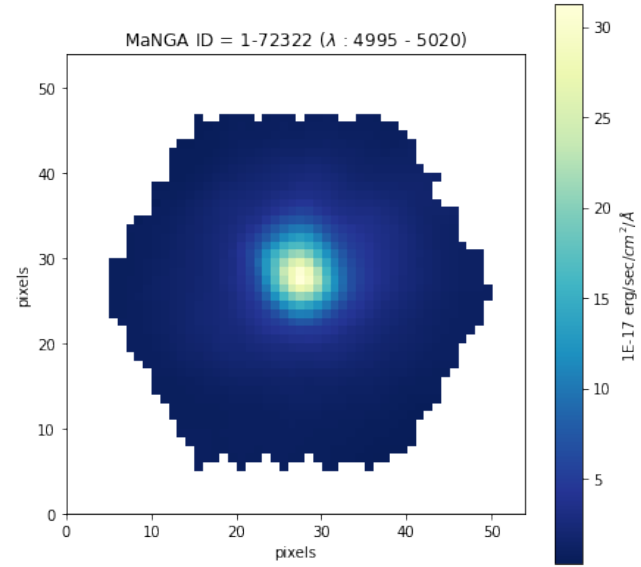
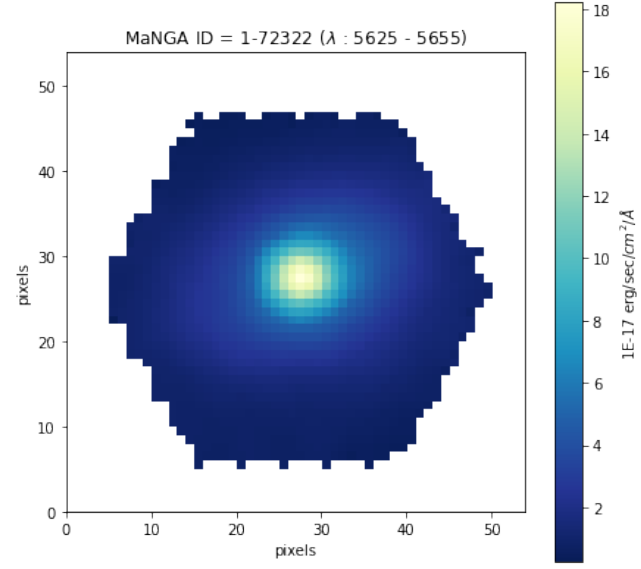
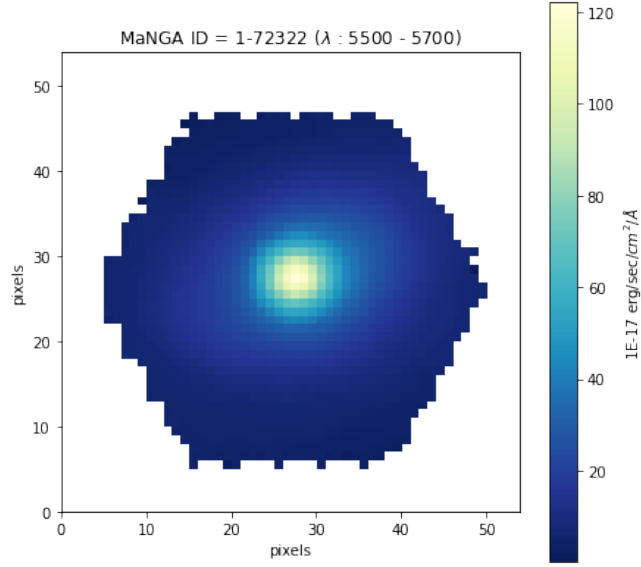
$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 8.142418002939133$$

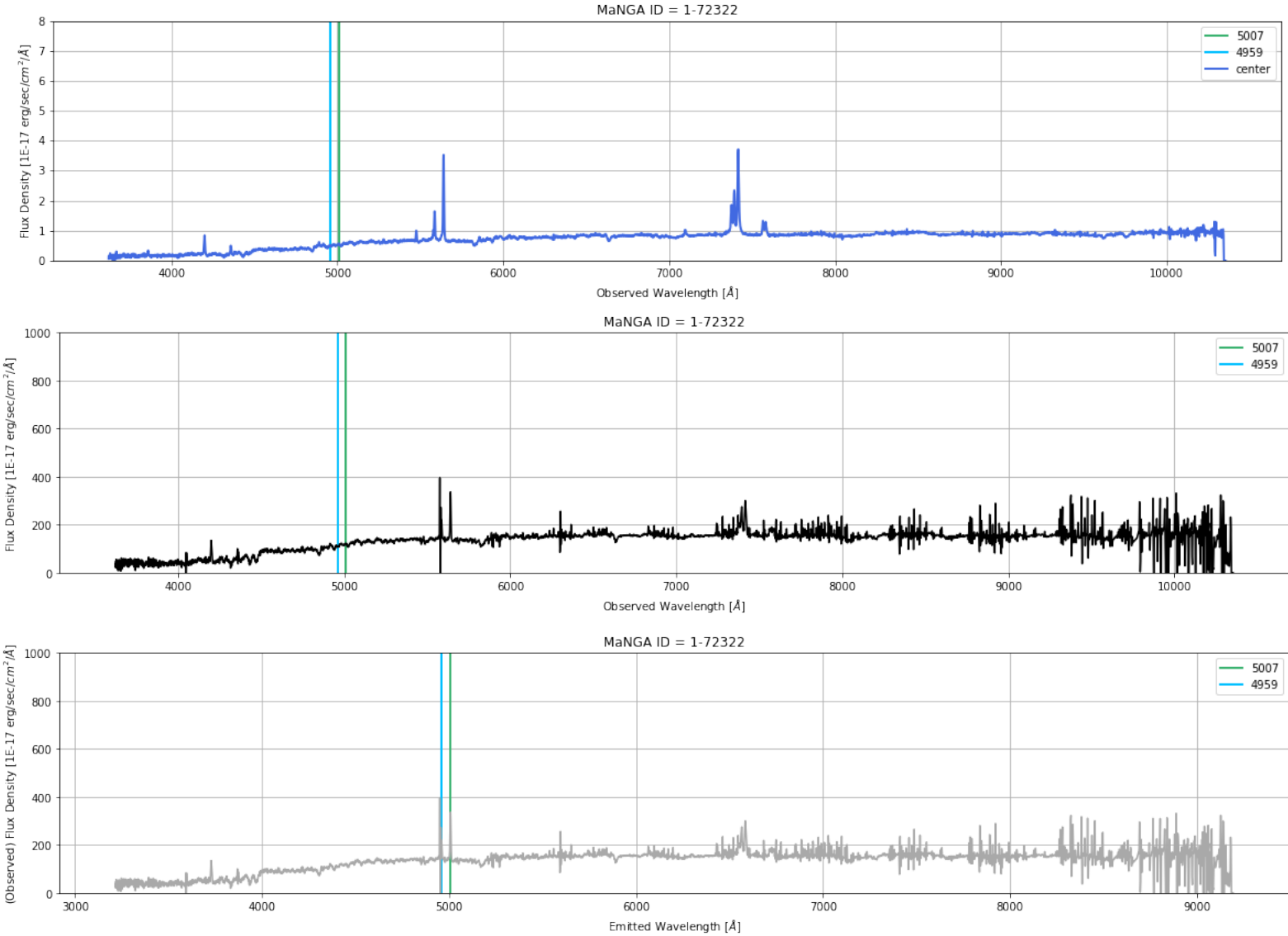
$$\frac{M_{\text{BH}}}{M_{\odot}} = 13542353.232534813$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 7.131694137547359$$

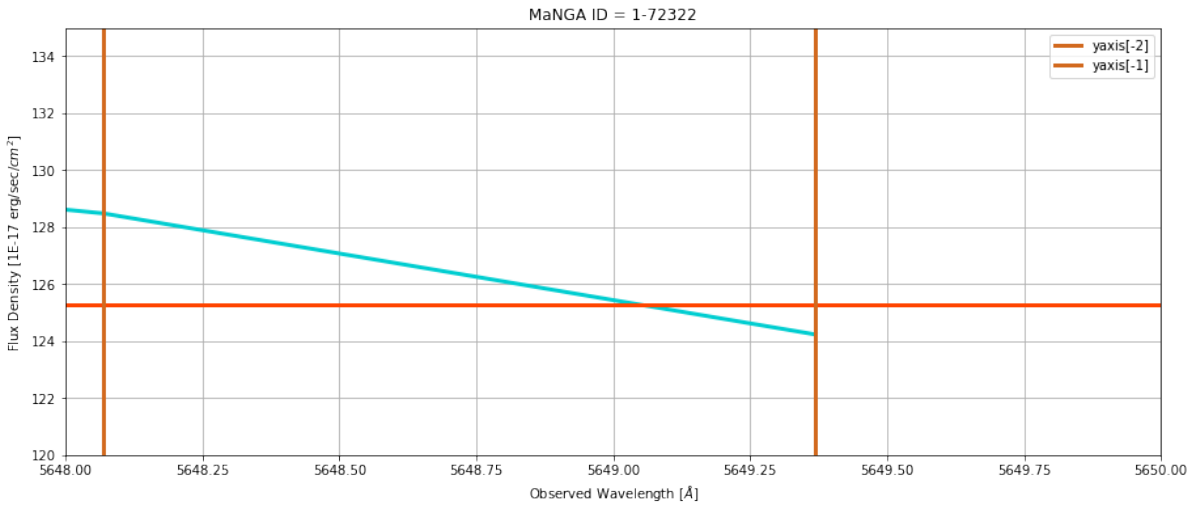
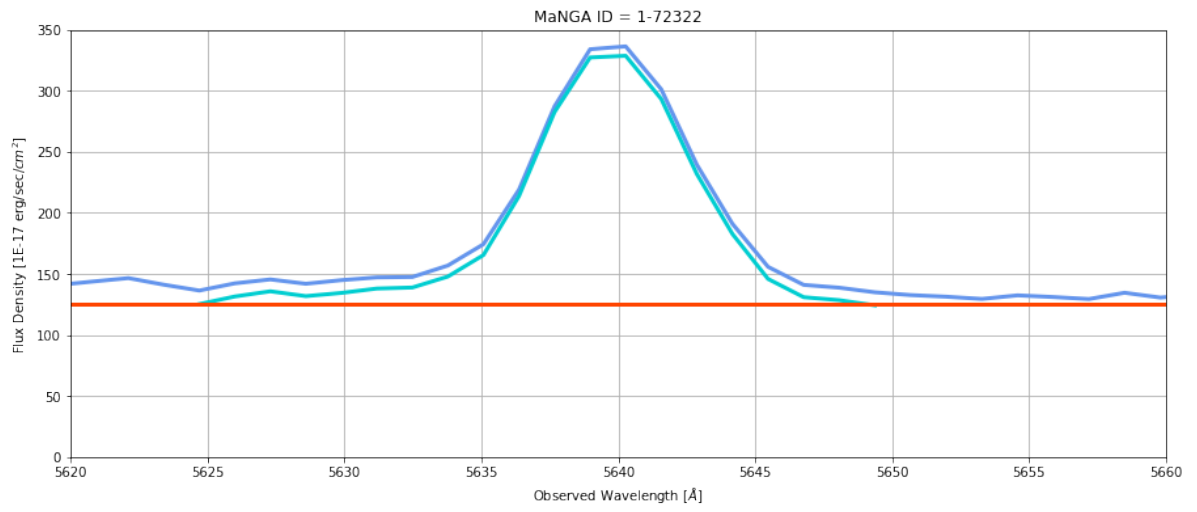
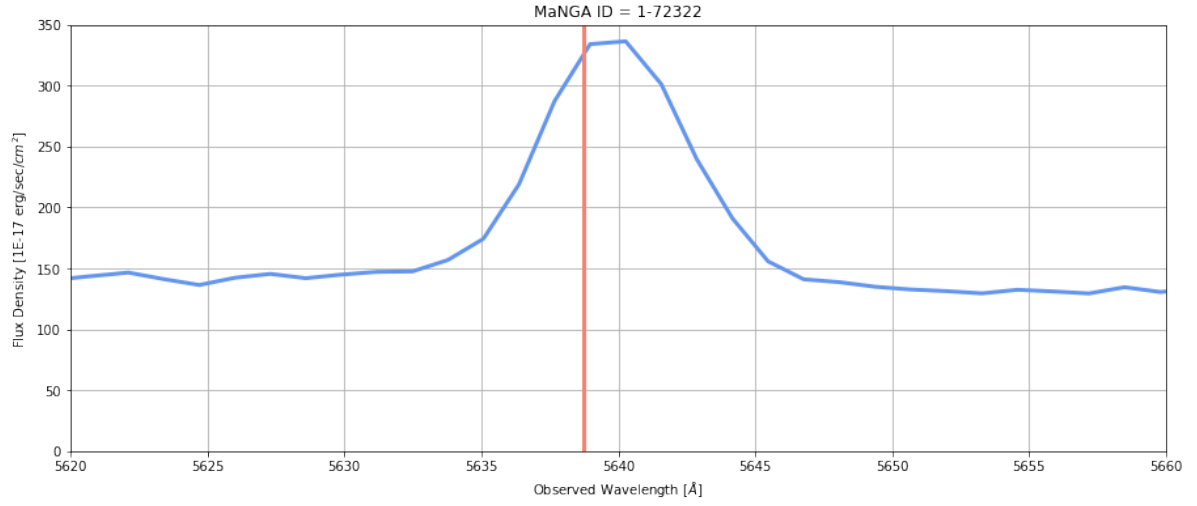
MaNGA ID: 1-72322



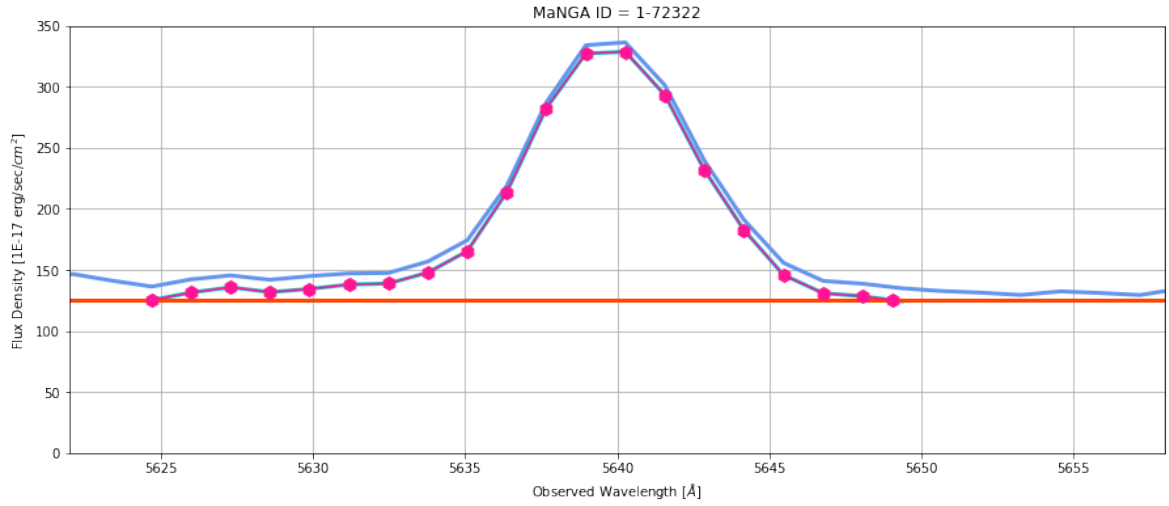
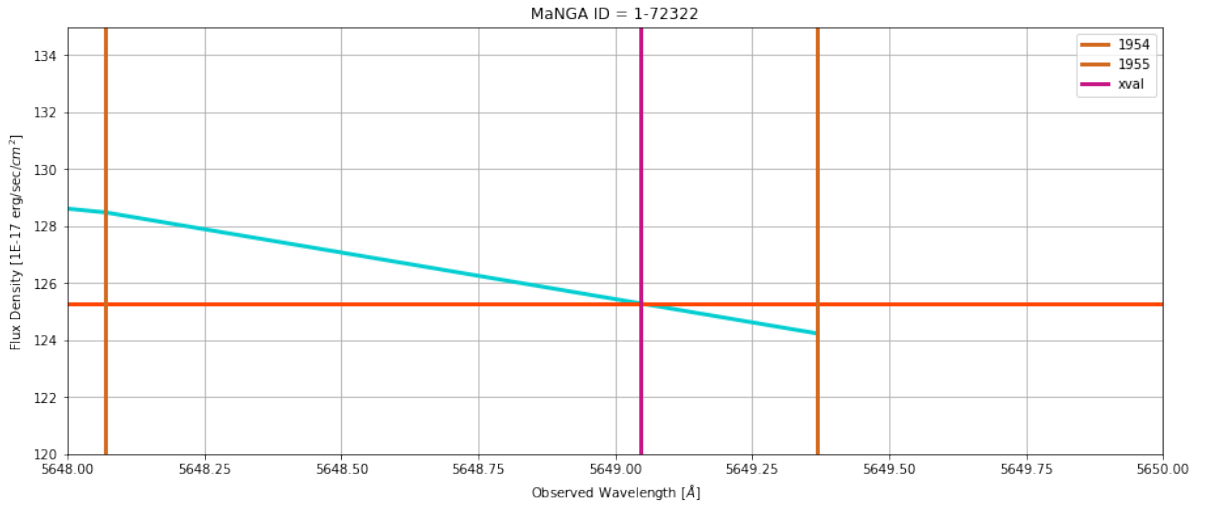
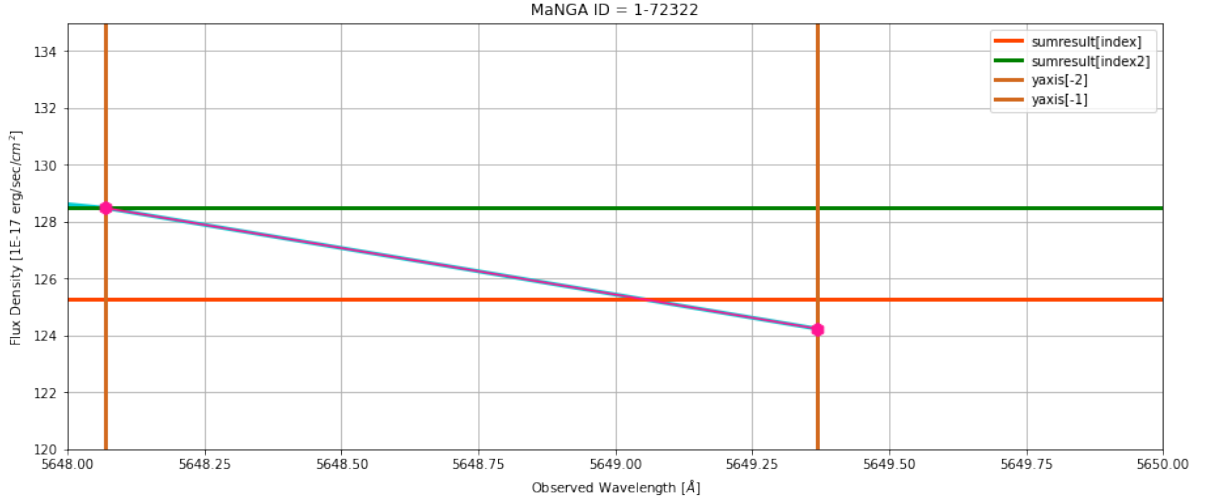




Calculatable - 8 Objects



Calculatable - 8 Objects



Redshift = 0.126168

Results before subtraction

$$\text{luminosity} = 1.8879356549141664 \times 10^{42}$$

$$\log(\text{luminosity}) = 42.27598718848328$$

$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 8.690977908580818$$

$$\frac{M_{\text{BH}}}{M_{\odot}} = 47891015.179893374$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 7.680254043189046$$

Results after subtraction

$$\text{luminosity} = 6.144482737168934 \times 10^{41}$$

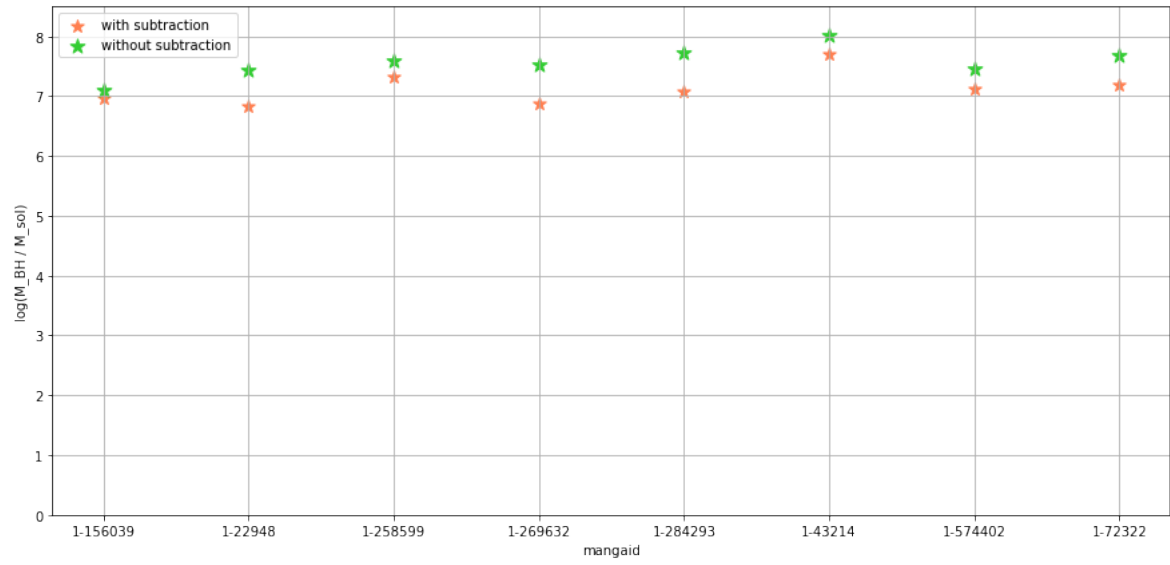
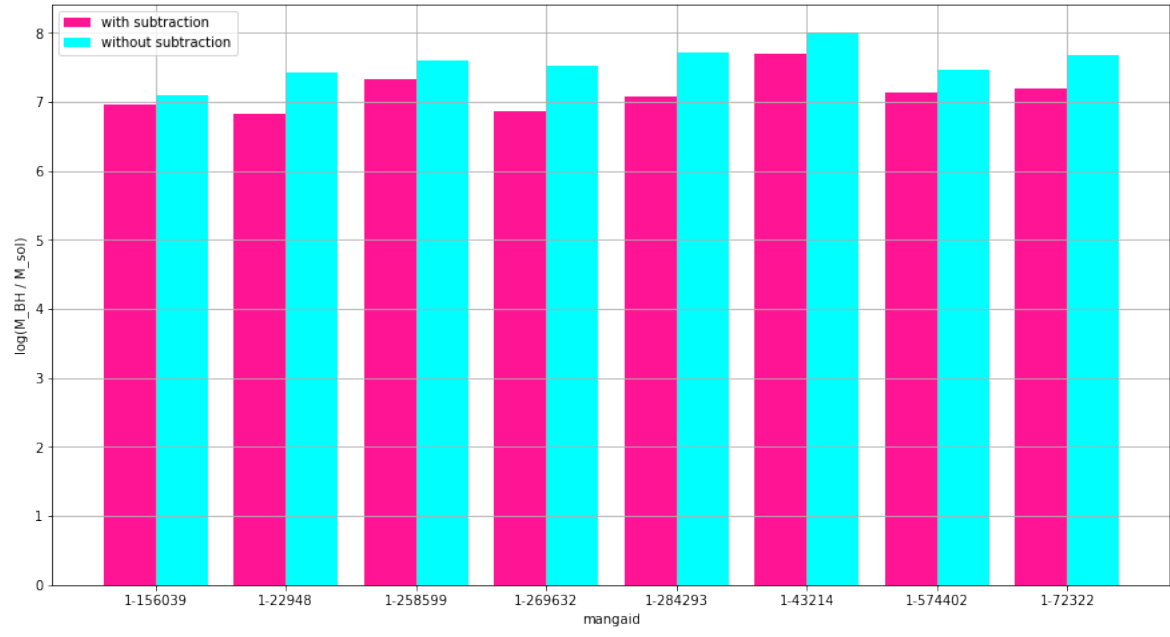
$$\log(\text{luminosity}) = 41.788485328418794$$

$$\log\left(\frac{\text{luminosity}}{L_{\odot}}\right) = 8.203476048516332$$

$$\frac{M_{\text{BH}}}{M_{\odot}} = 15586628.45698143$$

$$\log\left(\frac{M_{\text{BH}}}{M_{\odot}}\right) = 7.192752183124559$$

Calculatable - 8 Objects



Calculatable - 8 Objects

