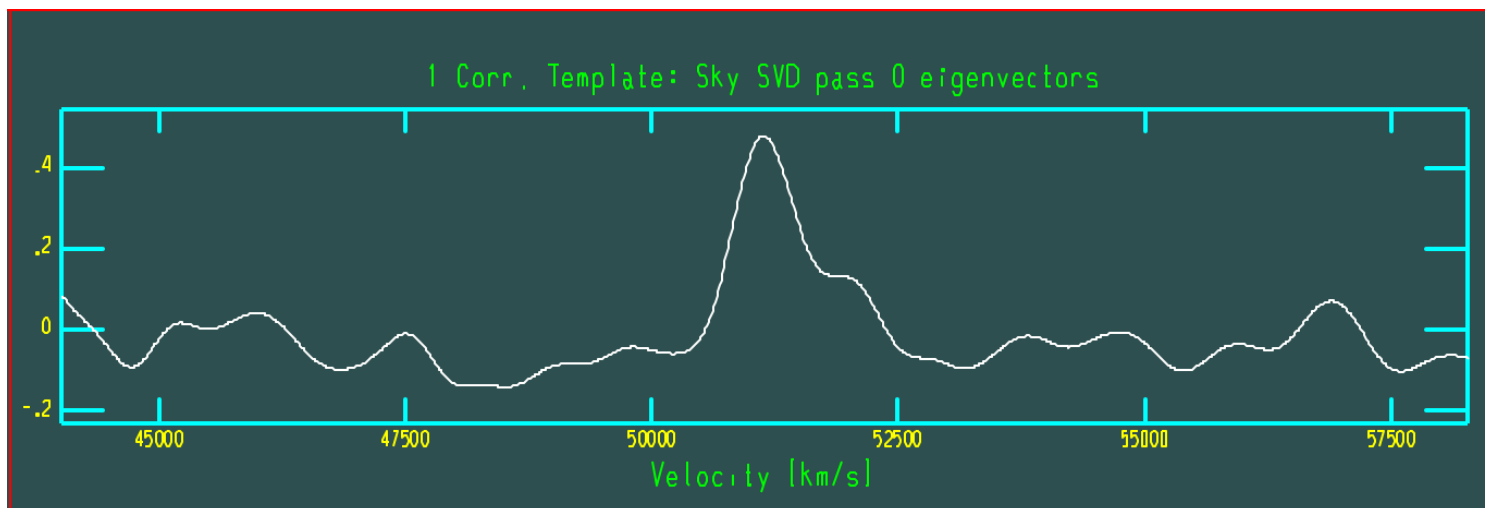
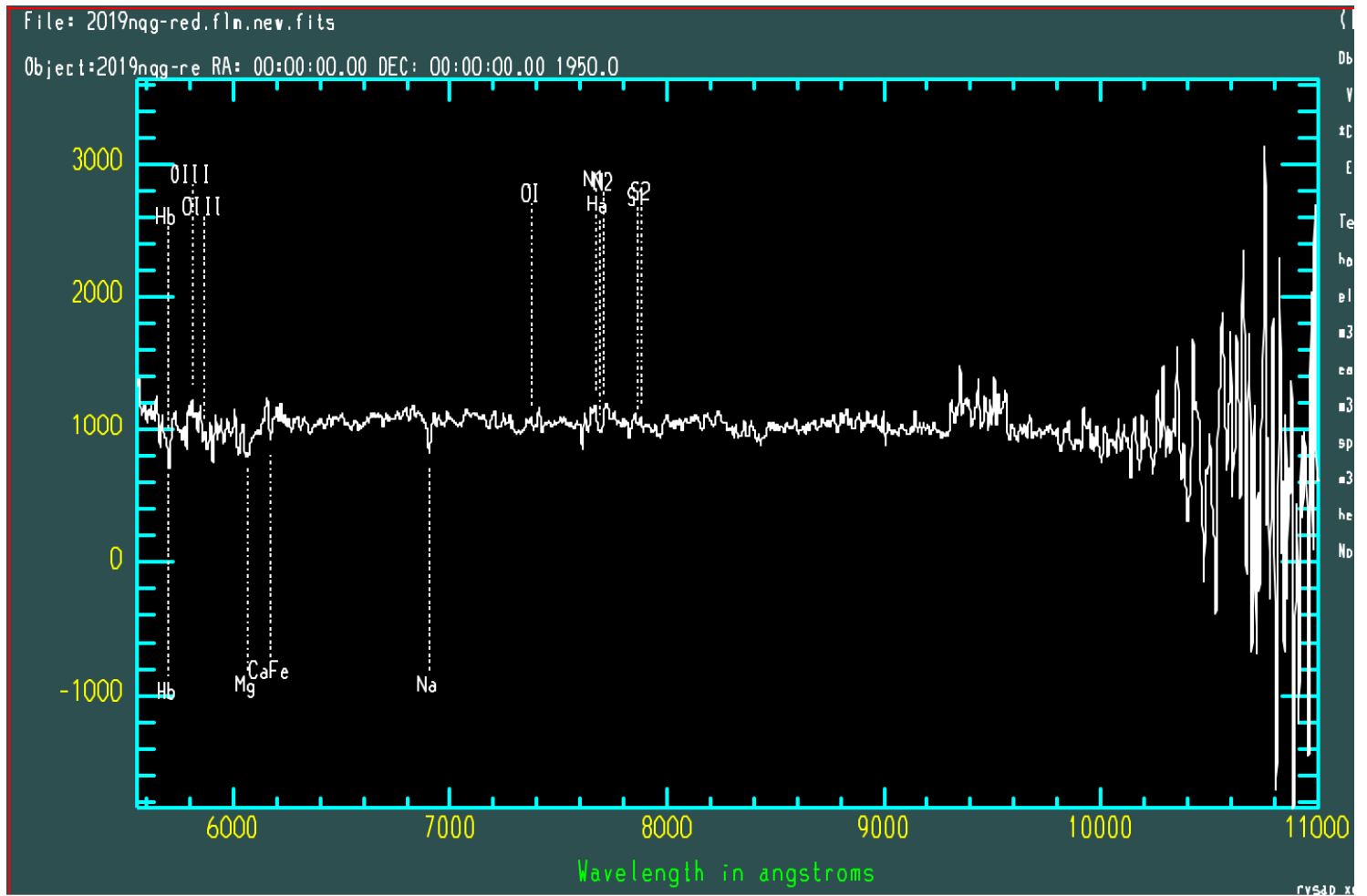


redshifts!

2019nqg-red.flm

best template Tonry&Davis_R z dz qual

habtemp90.fits 6.68 51138.7 34.85 ??

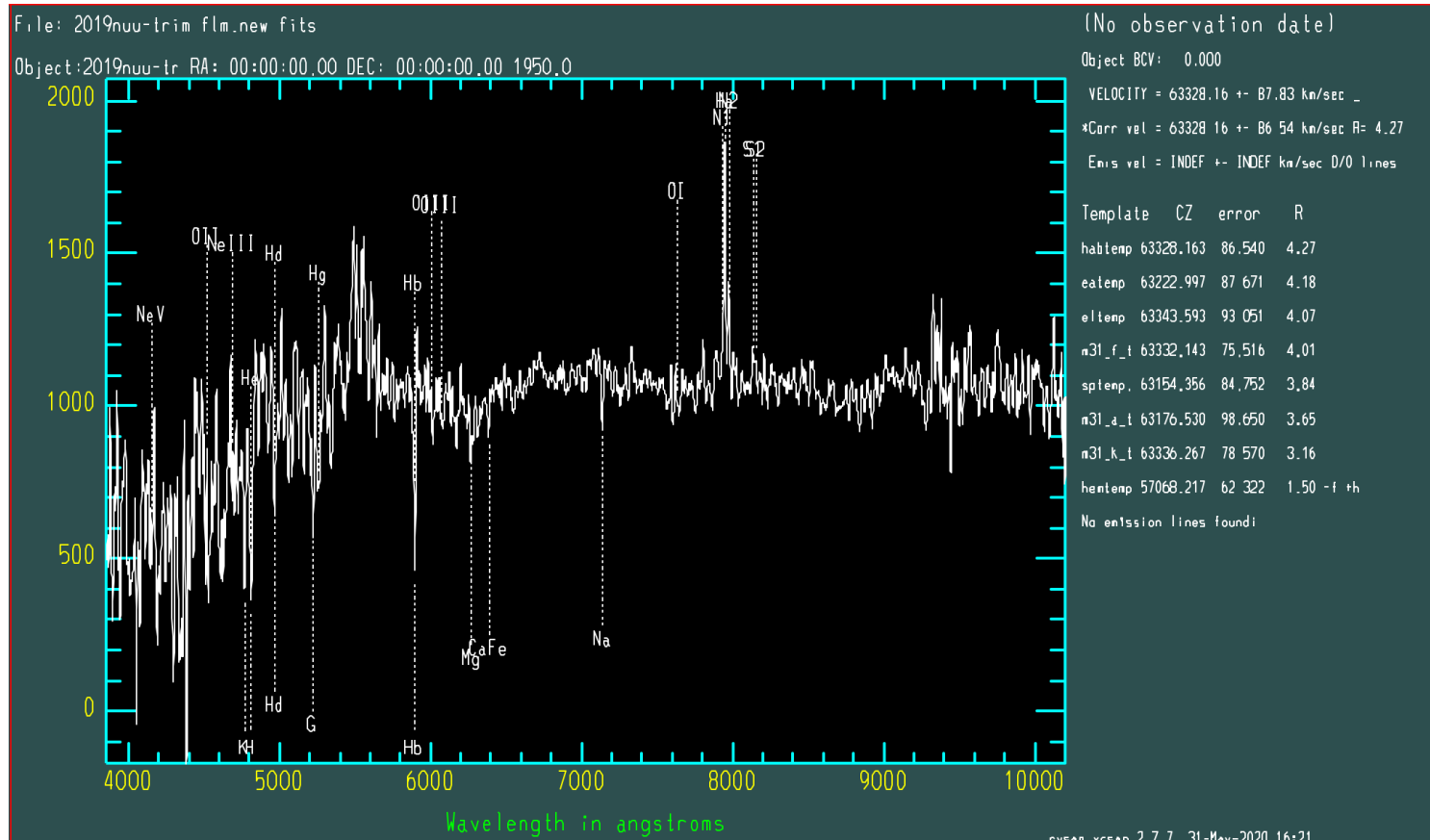


2019nul-red.flm

2019nuu-trim.flm

<https://www.evernote.com/client/web/#?an=true&n=47979a55-10d9-44e2-940f-1aa3d5b8665a&>

best template 1onry&Davis_R z dz
habtemp90.fits 4.27 63328.2 86.54

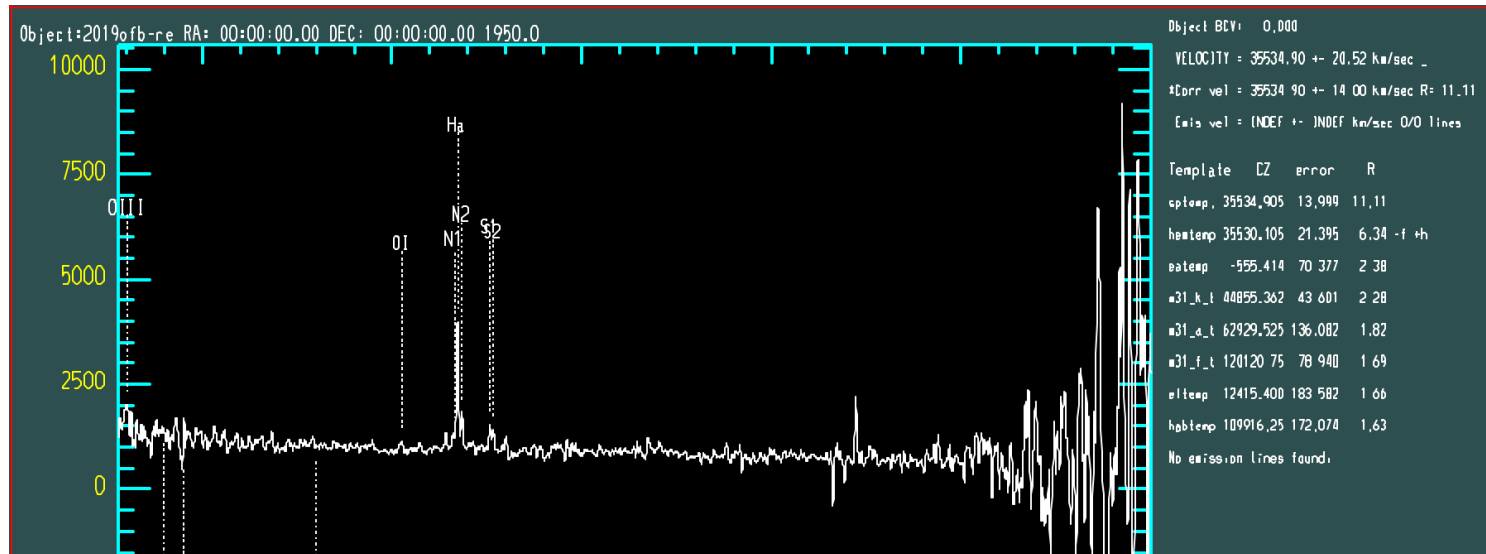


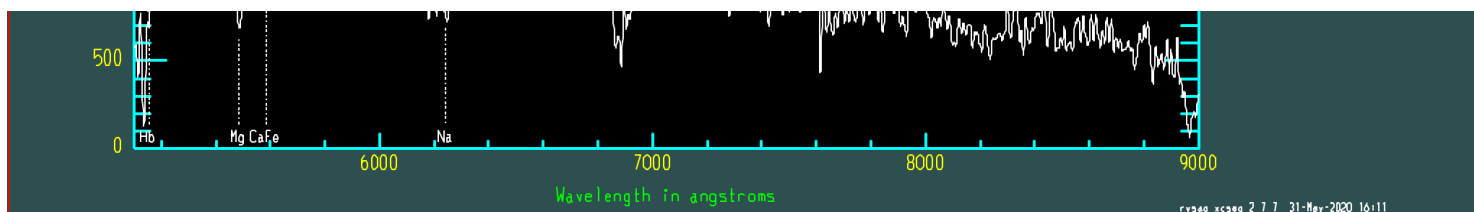
2019nyz-red.flm

2019oat-red.flm

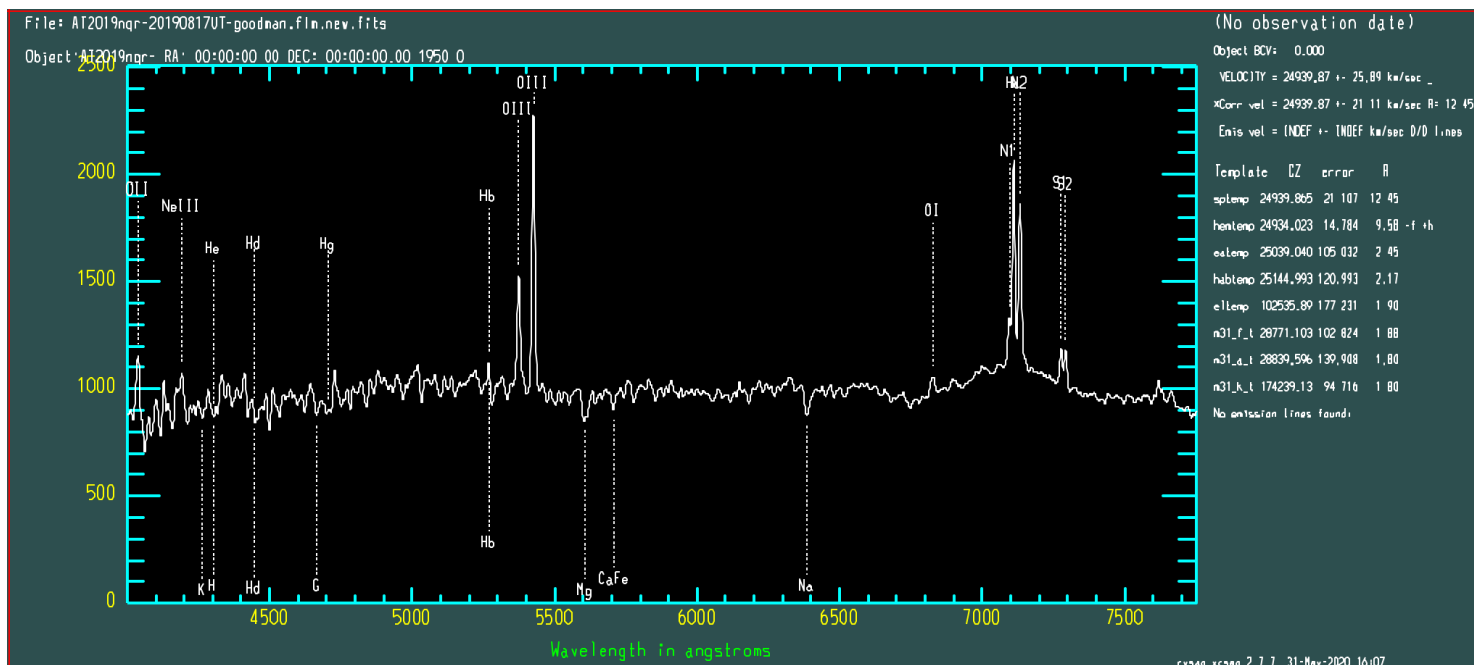
2019ofb-red.flm

best template Tonry&Davis_R z dz qual
sptemp.fits 11.11 35534.9 13.999 Q

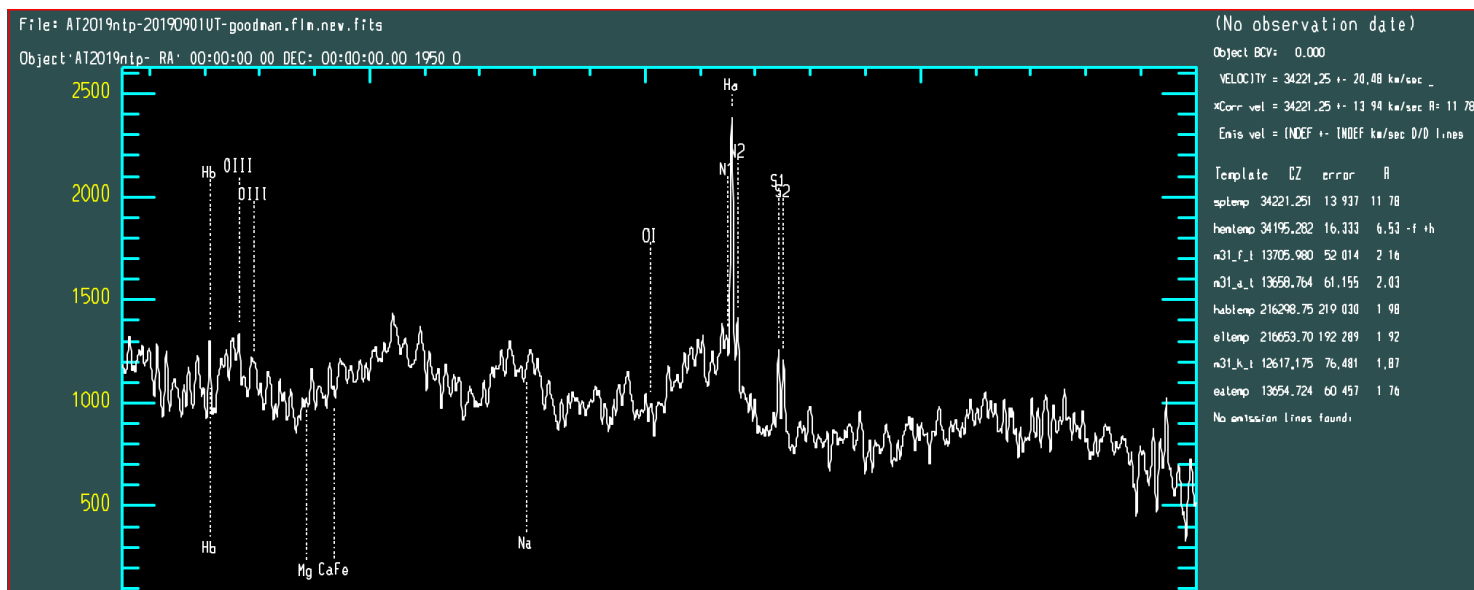




AT2019nqr-20190817UT-goodman.flm
best template Tonry&Davis_R z dz qual
sptemp.fits 12.45 24939.9 21.107 good



AT2019ntp-20190901UT-goodman.flm
best template Tonry&Davis_R z dz qual
sptemp.fits 11.78 34221.3 13.937 good

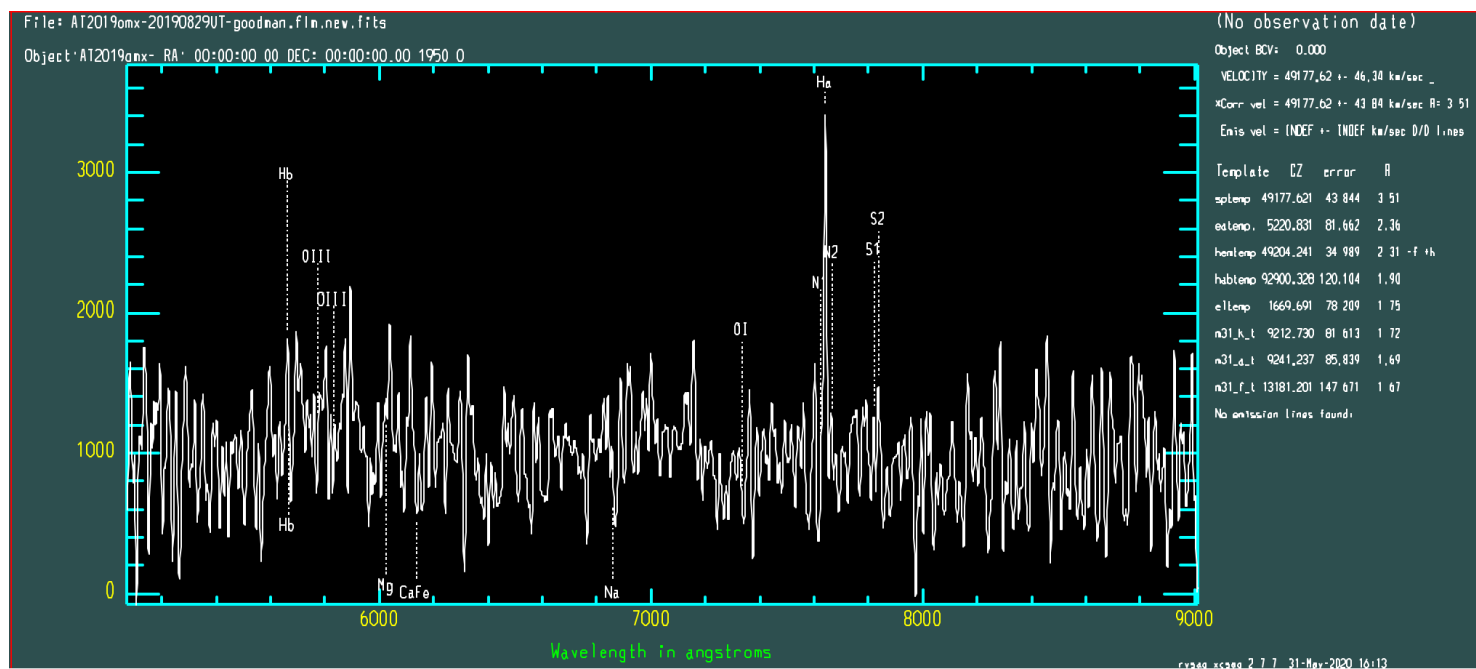




AT2019omx-20190829UT-goodman.flm

best template Tonry&Davis_R z dz qual

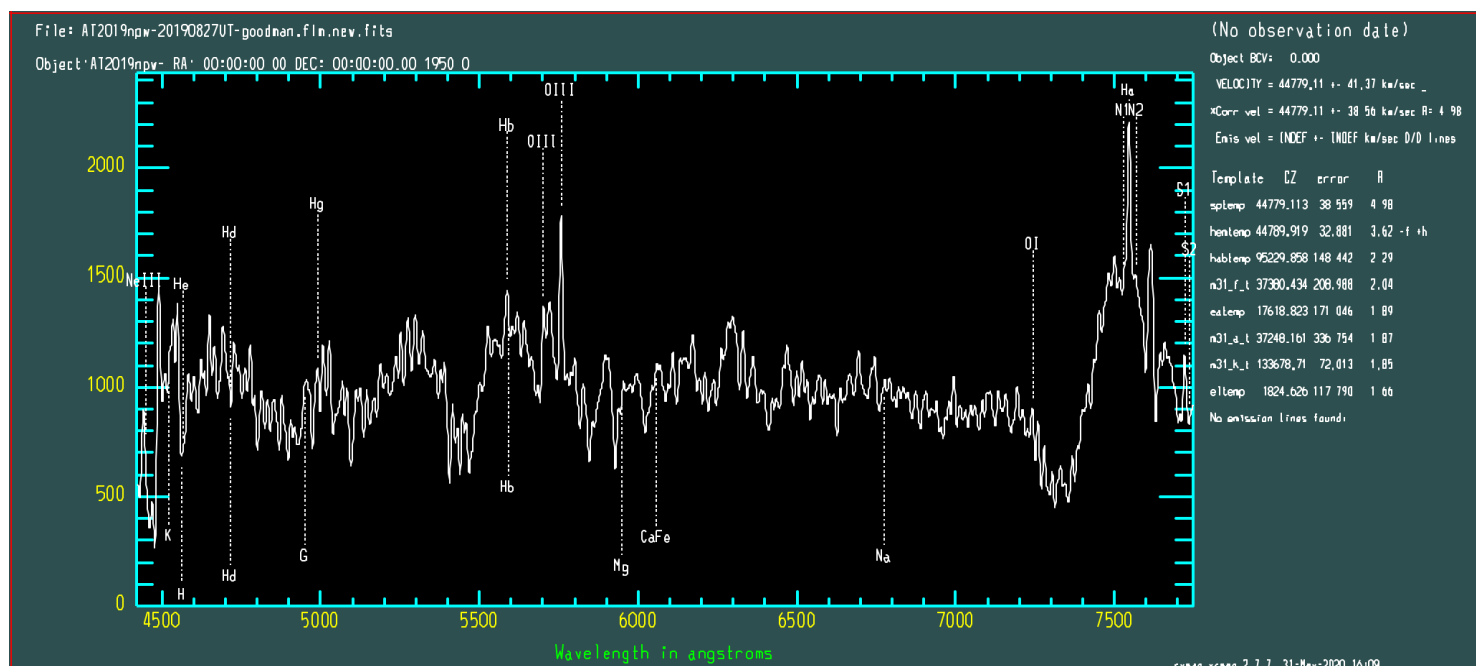
sptemp.fits 3.51 49177.6 43.844 meh? at least H-alpha possible.....



AT2019npw-20190827UT-goodman.flm

best template Tonry&Davis_R z dz qual

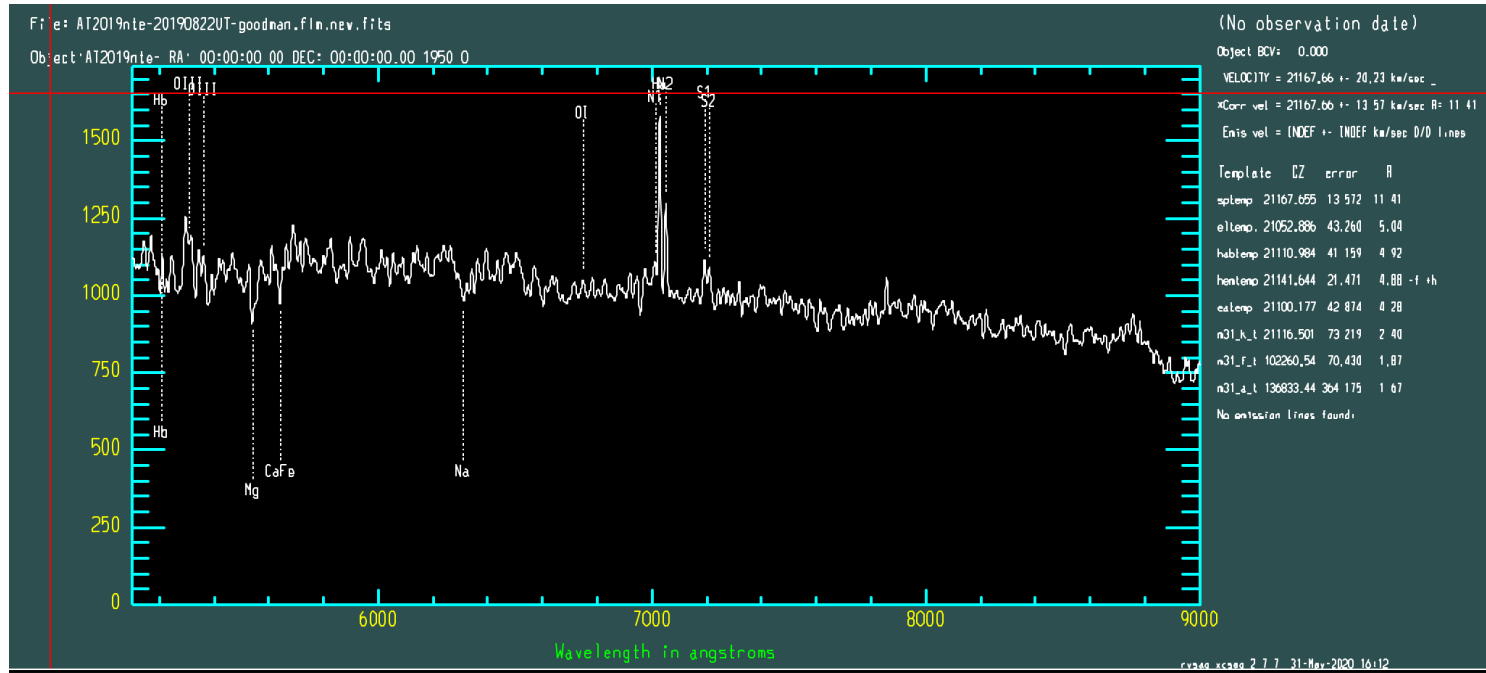
sptemp.fits 4.98 44779.1 38.559 good



AT2019nte-20190822UT-goodman.flm

best template Tonry&Davis_R z dz qual

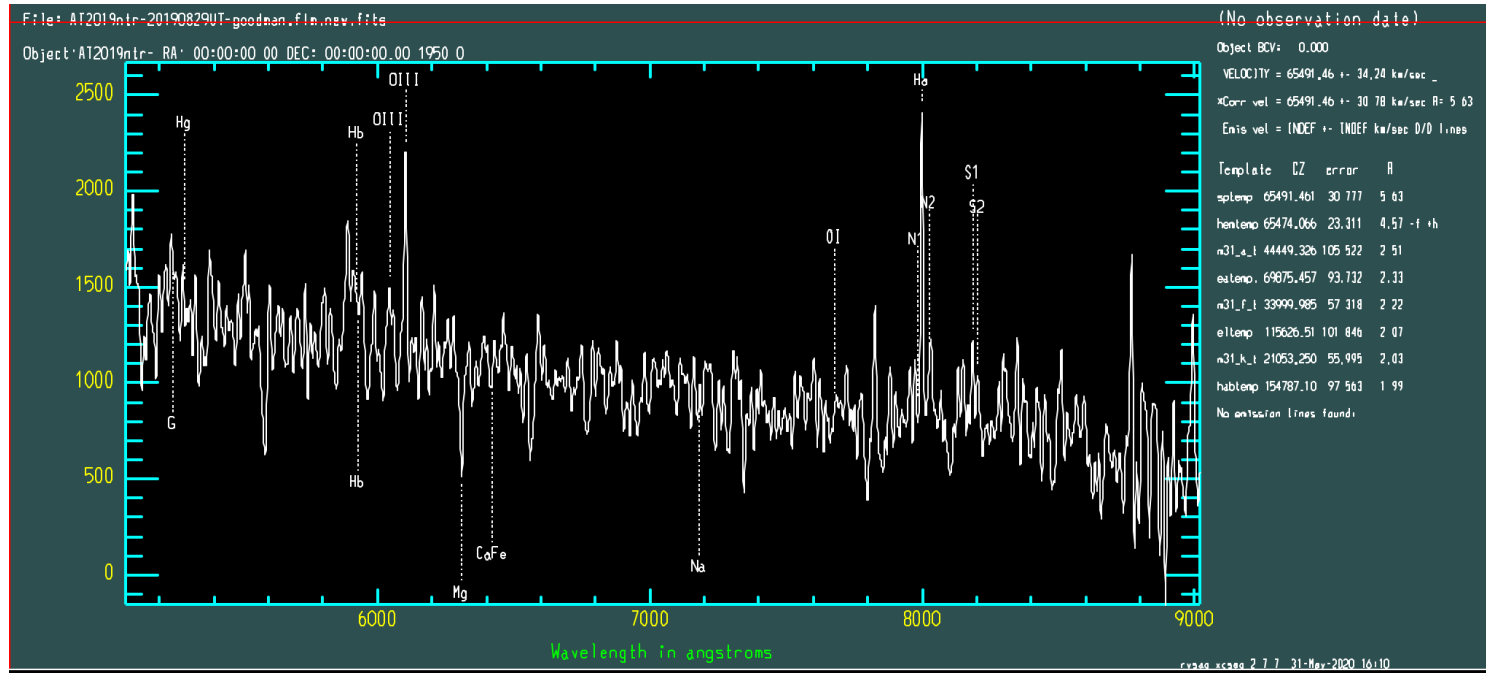
sptemp.fits 11.41 21167.7 13.572 good



AT2019ntr-20190829UT-goodman.flm

best template Tonry&Davis_R z dz qual

sptemp.fits 5.63 65491.5 30.777 good

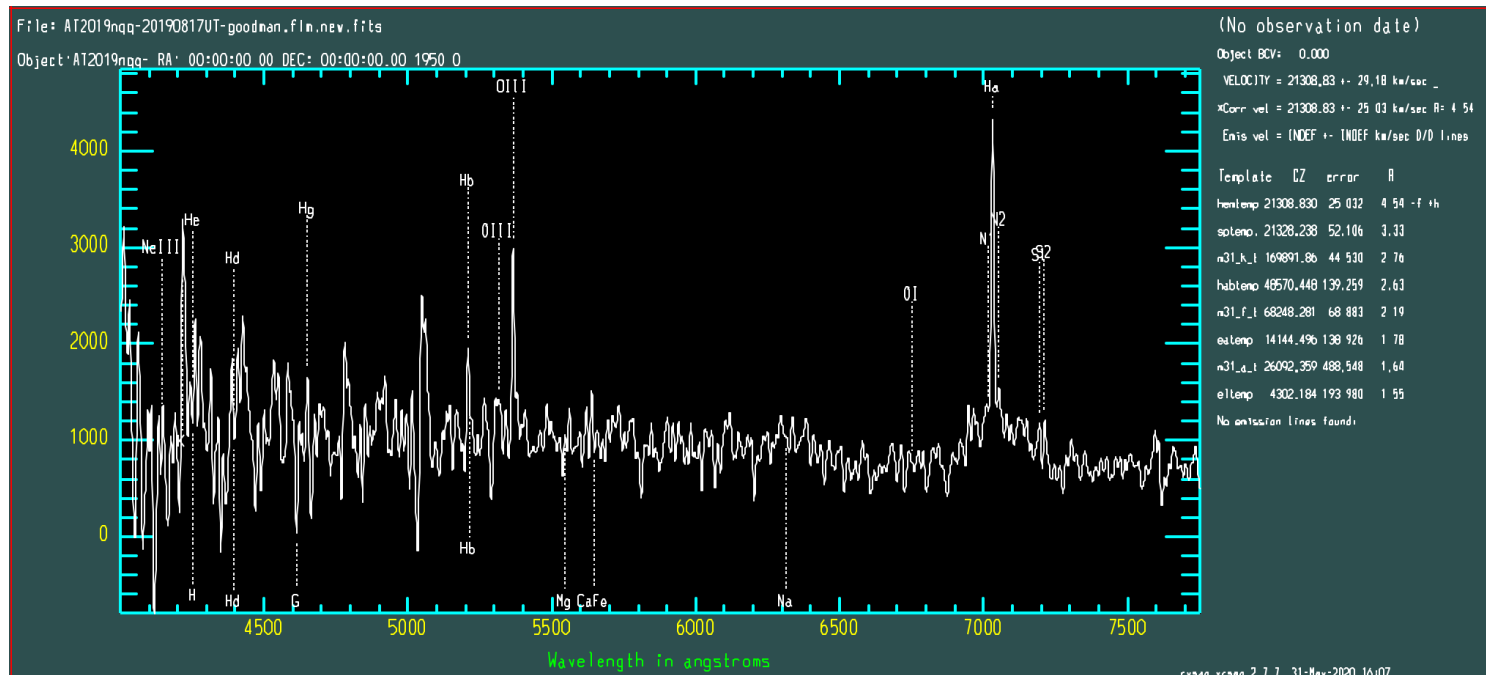


AT2019nqq-20190817UT-goodman.flm

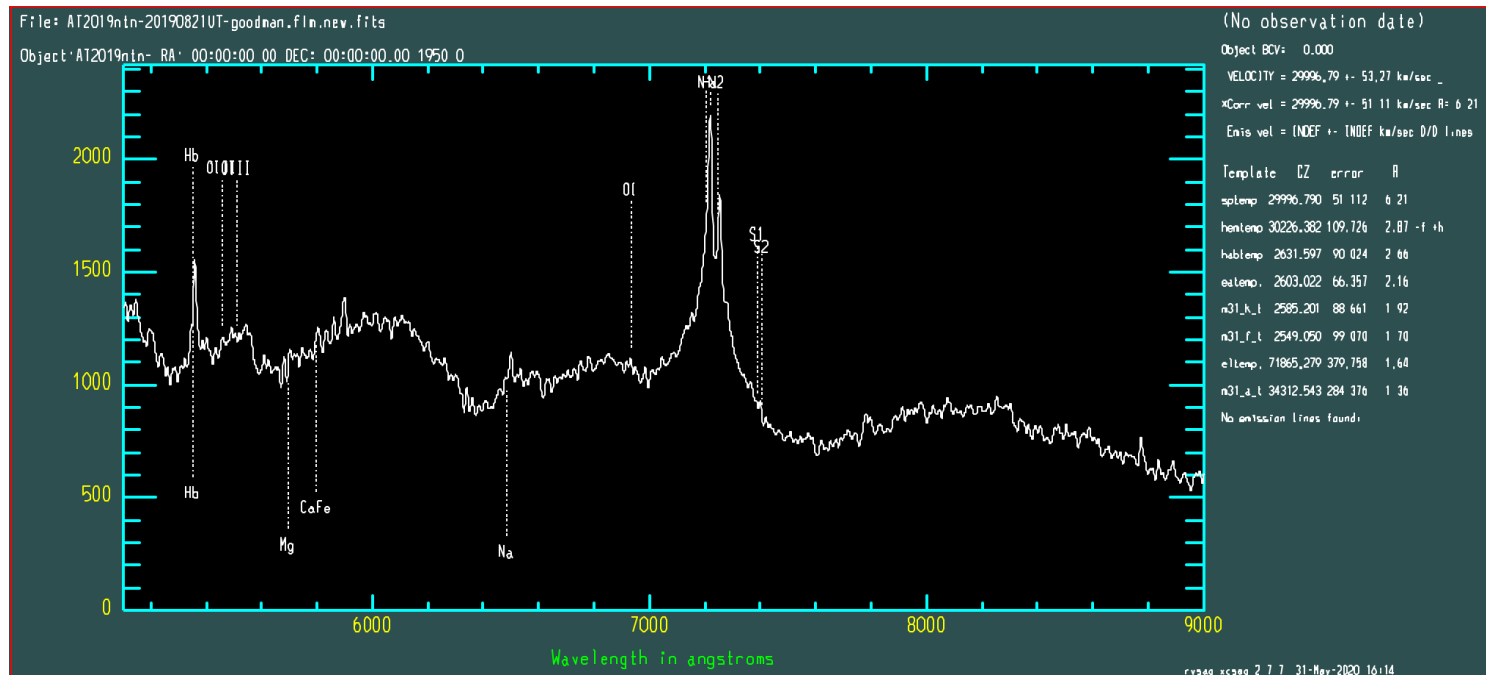
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<https://www.evernote.com/client/web/#?an=true&n=47979a55-10d9-44e2-940f-1aa3d5b8665a&>

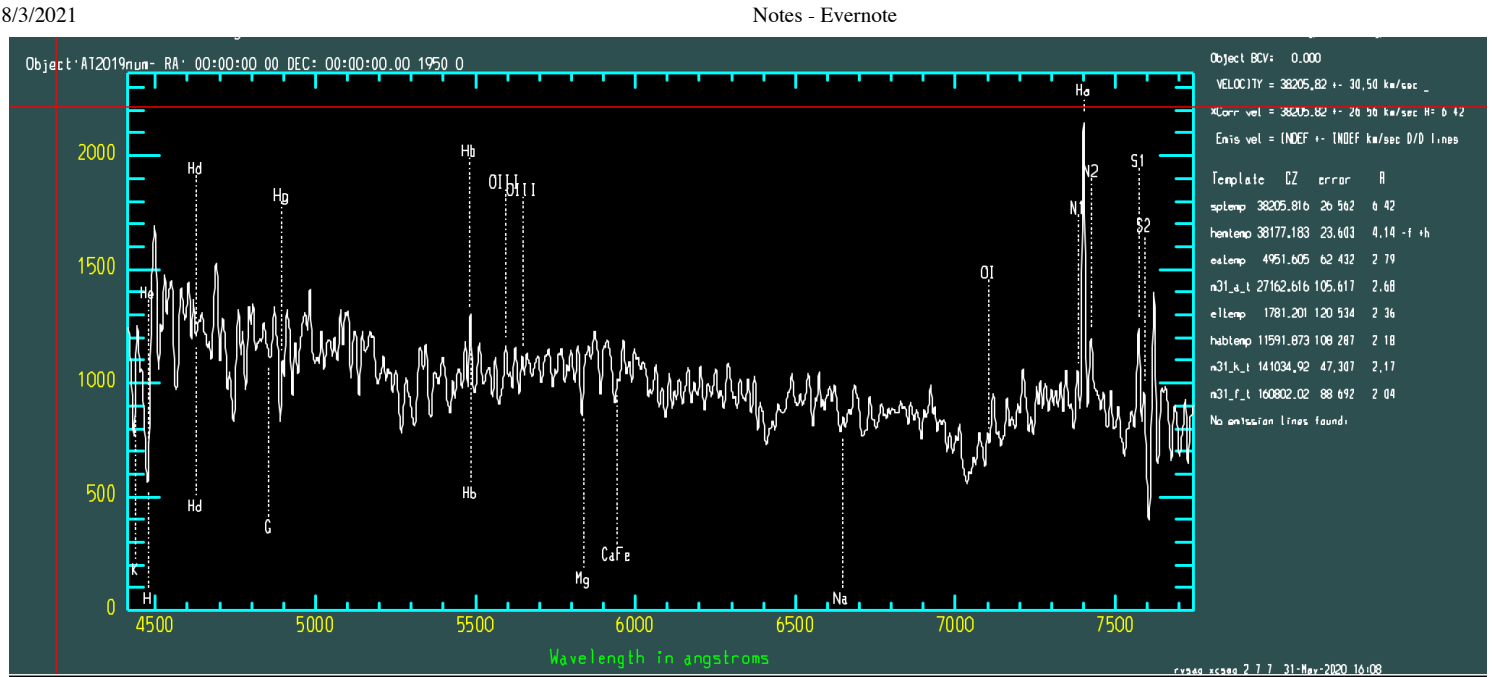
best template Tonry&Davis_R z dz qual
hemtemp0.0.fits 4.54 21308.8 25.032 good



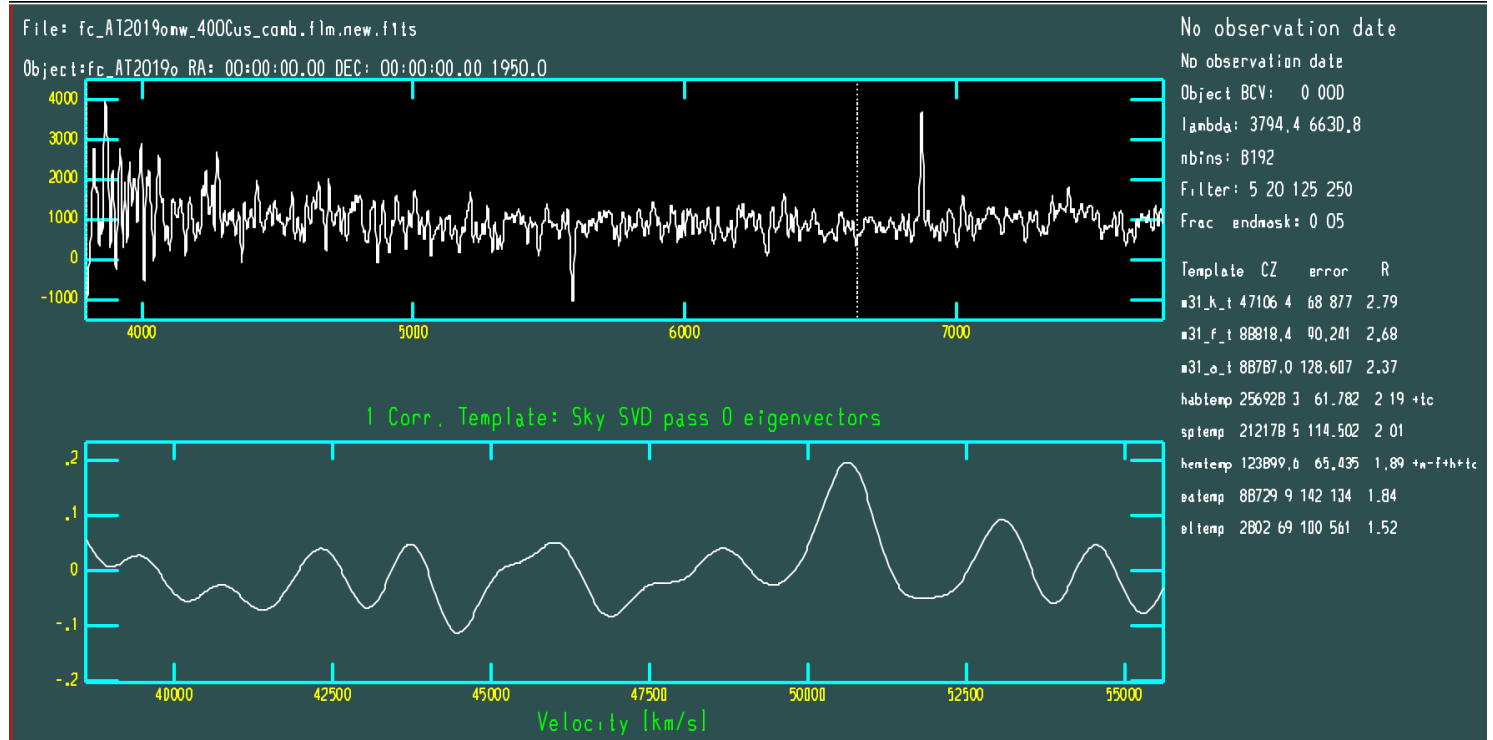
AT2019ntn-20190821UT-goodman.flm
best template Tonry&Davis_R z dz qual
sptemp.fits 6.21 29996.8 51.112 good I guess?



AT2019num-20190821UT-goodman.flm
best template Tonry&Davis_R z dz qual
sptemp.fits 6.42 38205.8 26.562 good



fc_AT2019omw_400Cus_comb.flm
possible H-alpha at 6870.5
z = 0.0469



at2019nyv_host-20190905.394.coadd.blotch-ui.flm
best template Tonry&Davis_R z dz flag
eatemp.fits 3.07 -12278.0 124.254 bad



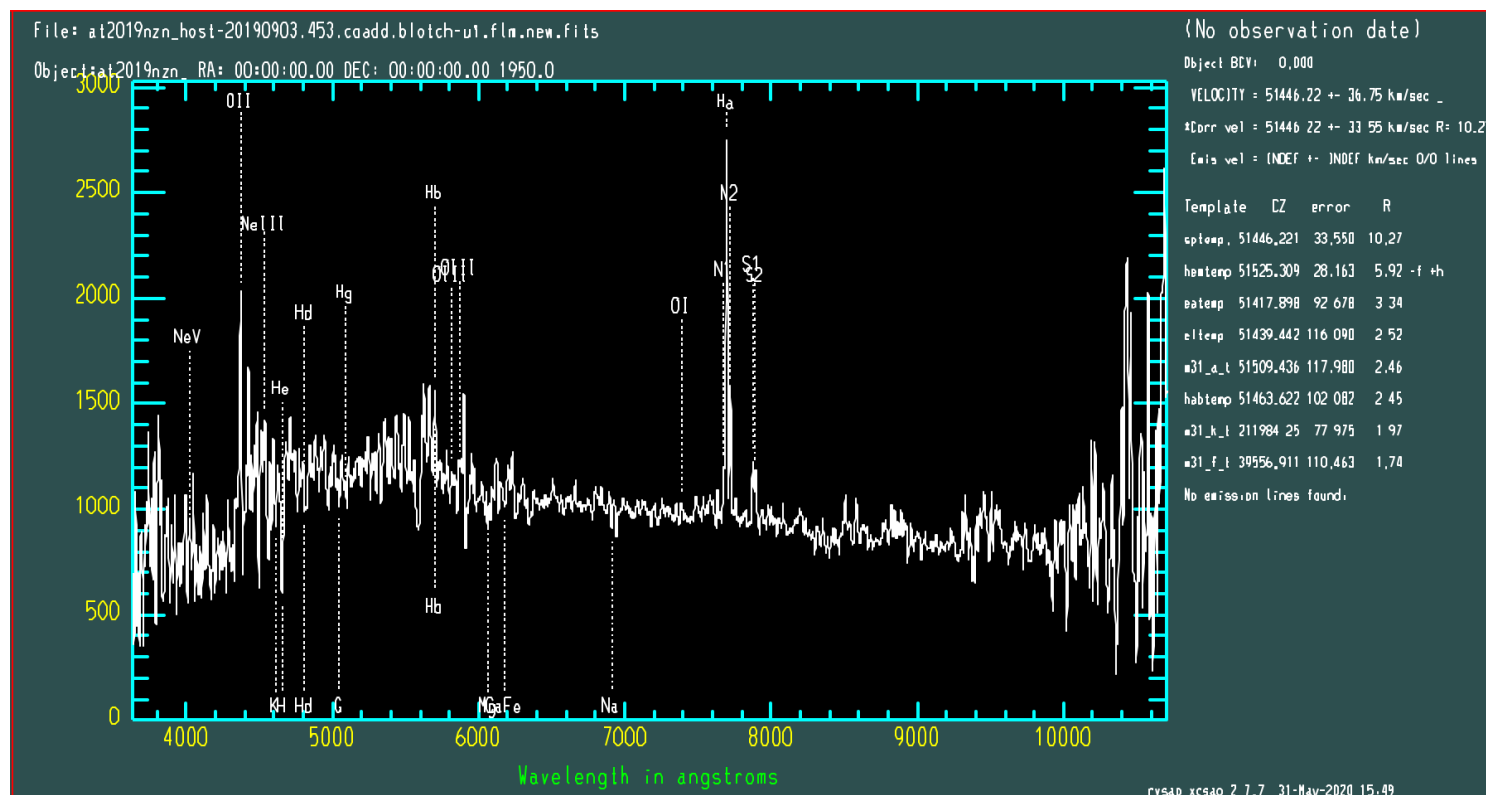


m31_k_temp.fits 5.56 64253.2 63.632 good!



9/13

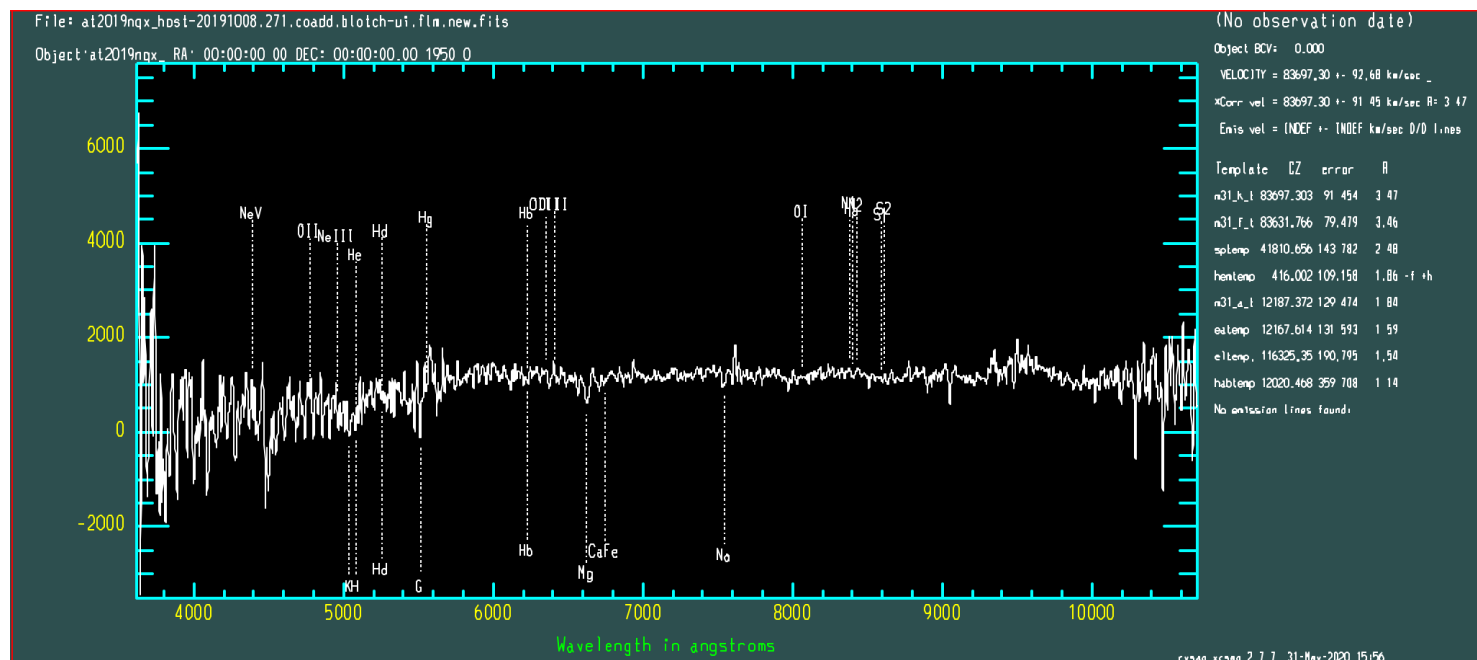
sptemp.fits 10.27 51446.2 33.55 good



at2019nqx_host-20191008.271.coadd.blotch-ui.flm

best template Tonry&Davis_R z dz qual

m31_k_temp.fits 3.47 83697.3 91.454 pretty bad



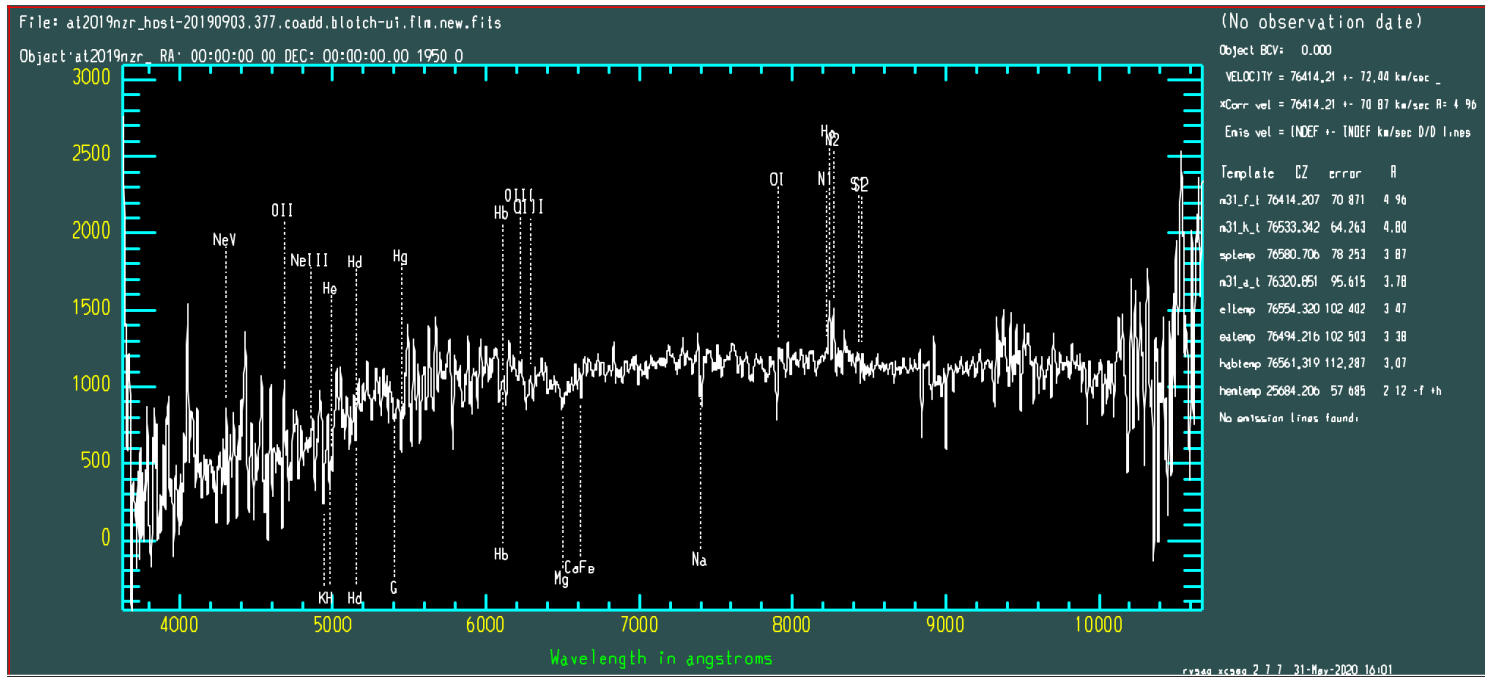
at2019nzz_host-20190903.377.coadd.blotch-ui.flm

best template Tonry&Davis_R z dz qual

m31_f_temp.fits 4.96 76414.2 70.871 good

<https://www.evernote.com/client/web/#?an=true&n=47979a55-10d9-44e2-940f-1aa3d5b8665a&>

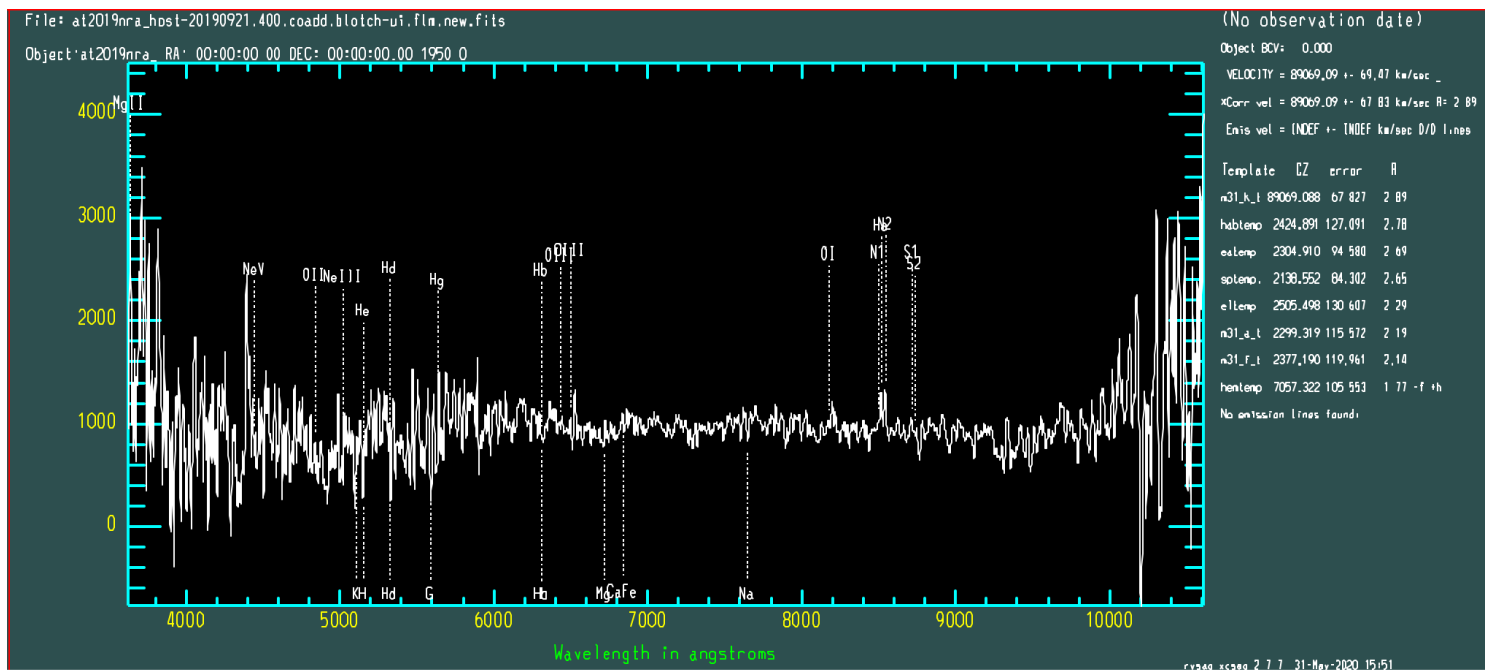
```
ms1_1_temp.ms 4.50 10414.2 10.01 ± good
```



at2019nra_host-20190921.400.coadd.blotch-ui.flm

```
# best template Tonry&Davis_R z dz qual
```

m31_k_temp.fits 2.89 89069.1 67.827 bad, but reasonable H-alpha guess



at2019oat_host-20190921.354.coadd.blotch-ui.flm

```
# best template Tonry&Davis_R z dz qual
```

m31_f_temp.fits 2.63 59322.2 87.887 bad

File: at2019oat_host-20190921_354.coadd.blotch-u1.fln.new.fits

Object: 2019-est PA: 00:00:00 00 DEC: 00:00:00 00 1950 0

