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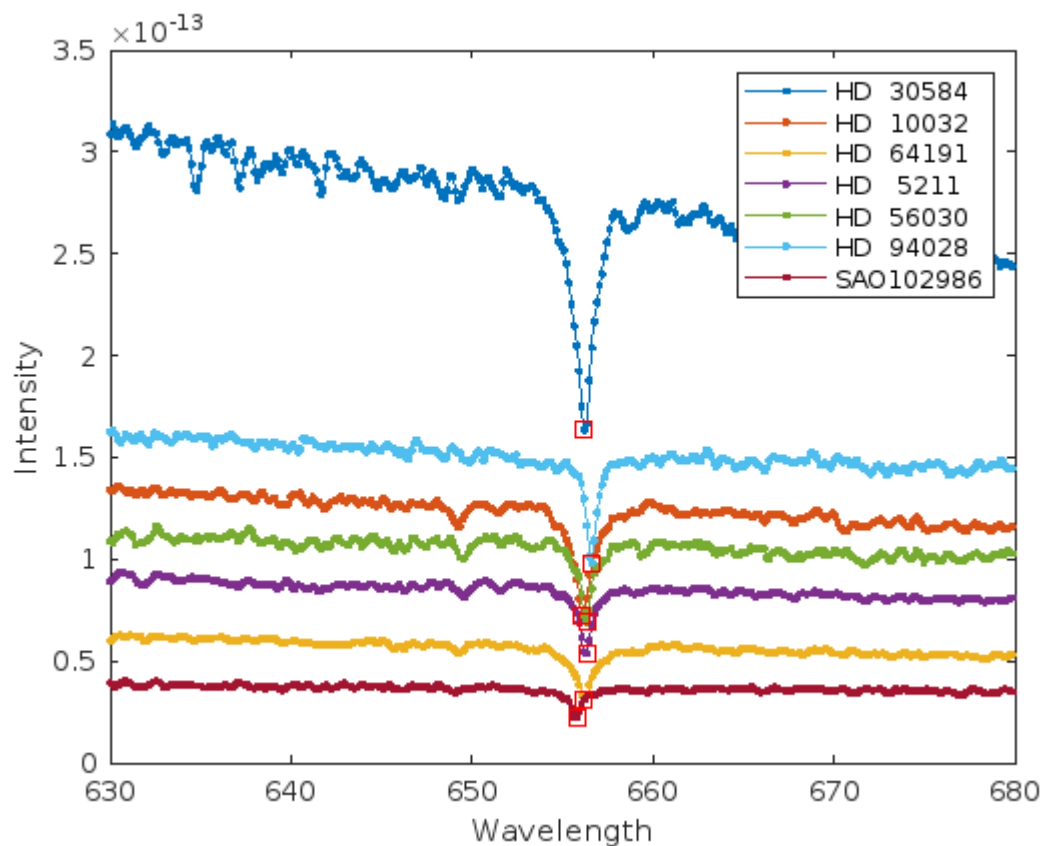
```
%identify H-alpha & Compare
load starData
```

```
nObs = size(spectra,1);
lambdaStart = 630.02;
lambdaDelta = 0.14;
```

```
lambdaEnd = lambdaStart + (nObs - 1)*lambdaDelta;
lambda = (lambdaStart:lambdaDelta:lambdaEnd);
s = spectra;
plot(lambda, s, "-.")
xlabel("Wavelength")
ylabel("Intensity")
```

```
[sHa, idx] = min(s);
lambdaHa = lambda(idx);
```

```
hold on
plot(lambdaHa,sHa, "rs", MarkerSize=8)
legend(starnames)
z = (lambdaHa/656.28)-1;
speed = z*(299792.458);
```



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