In the config file put in following

REQUIRES physics/sourceTerms/lonize
REQUIRES Simulation/SimulationComposition/lonize

```
SPECIES he TO 2
SPECIES c TO 6
SPECIES n TO 7
SPECIES o TO 8
SPECIES ne TO 10
SPECIES mg TO 12
SPECIES si TO 14
SPECIES s TO 16
SPECIES ar TO 18
SPECIES ca TO 20
SPECIES fe TO 26
```

SPECIES ni TO 28

in the Simulation\_data file: Nothing new to add

In the Simulation\_init file: Nothing new to add

```
In the flash.par file:
plot_var_1 = "temp"
plot_var_2 = "C 01"
plot_var_3 = "C 02"
plot_var_4 = "C 03"
plot_var_5 = "C 04"
plot_var_6 = "C 05"
plot_var_7 = "C 06"
plot_var_8 = "C 07"
```

or other species you want saved to the plot file.