Tripple point of AS. This is a very simple example to get started. There are three different databases in this folder:

JUN92.bs — This is the JUN92 database used by the "TWQ" software, with some additions. See also: Berman R.G., Brown T.H., Greenwood H.J. (1985): An internally consistent thermodynamic database for minerals in the system Na2O-K2O-CaO-MgO-FeO-Fe2O3-Al2O3-SiO2-TiO2-H2O-CO2. Atomic Energy of Canada Ltd. Technical Report 377,62p.

tcdb55c2 — Database by R. Powell and T. Holland as distributed with the Thermocalc software in October 2005.

robie — The alumosilicates according to R.A. Robie, B.S. Hemingway and J.R. Fisher (1978): Thermodynamic Properties of Minerals and Related Substances at 298.15 K and 1 Bar (10^5 Pascals) Pressure and at Higher Temperatures. Geological Survey Bulletin 1452.

The domino.last file contains the input for a phase diagram using JUN92.bs. The chemical composition in THERIN is SI(1)AL(2)O(?).

Example: Phase diagram for the alumosilicates 100-900 °C, 0-10000 Bar.

start domino

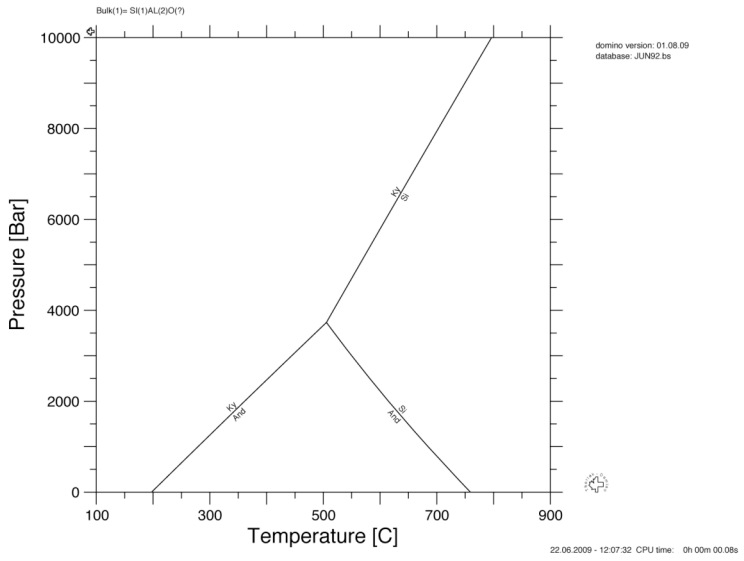
```
database filename            JUN92.bs
X-variable                   TC   100    900
Y-variable                   P   0   10000
calculation type             .
Label                        1
```

start guzzler

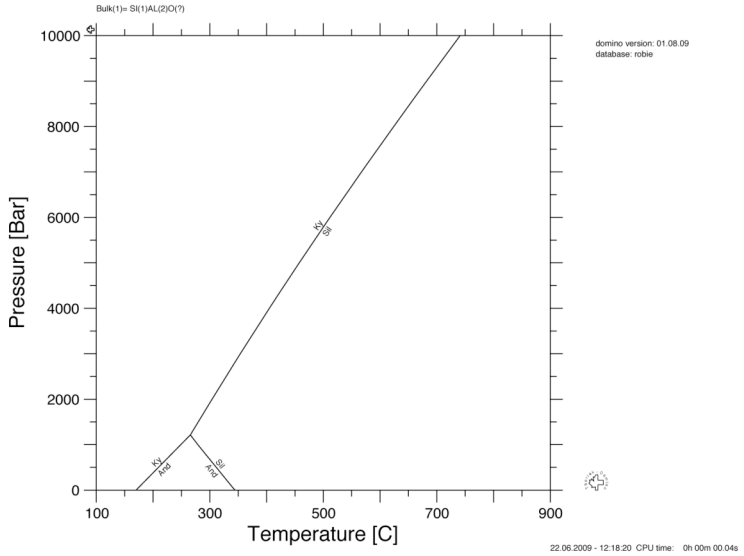
```
graphics file name           coplot
size of labels               0.2
option                       -3  0.020 (default)
```

start explot

```
graphics file name           clean
```



Example: repeat the above with the databases "robie".



Example: repeat the above with the databases "tcdb55c2".