

```
from ase.phasediagram import PhaseDiagram

ref = [ ('K', 0), ('Ta', 0), ('O2', 0),
        ('K3TaO8', -16.167), ('K2O', -2.288),
        ('K2O3', -2.239), ('Ta2O5', -19.801),
        ('TaO3', -8.556), ('TaO', -1.967),
        ('K2O', -3.076), ('K2O2', -4.257),
        ('KTaO3', -13.439)]

pd = PhaseDiagram(ref)
pd.plot()
```