

Adiabatic decompression melting models with pMELTS [Ghiorso et al., 2002], MAGEMin [Holland et al. 2018], and pyMelt [Matthews et al., 2022] as an empirical comparison.

```
Model_choice = ['pMELTS', 'Holland', 'pyMelt']
Results = {}
for m in Model_choice:
    Results[m] = M.AdiabaticDecompressionMelting(Model = m, bulk = "KLB-1",
    Tp_C = 1320.0, P_start_bar = 30000.0, P_end_bar = 2000.0, dp_bar = 333.3)
```

