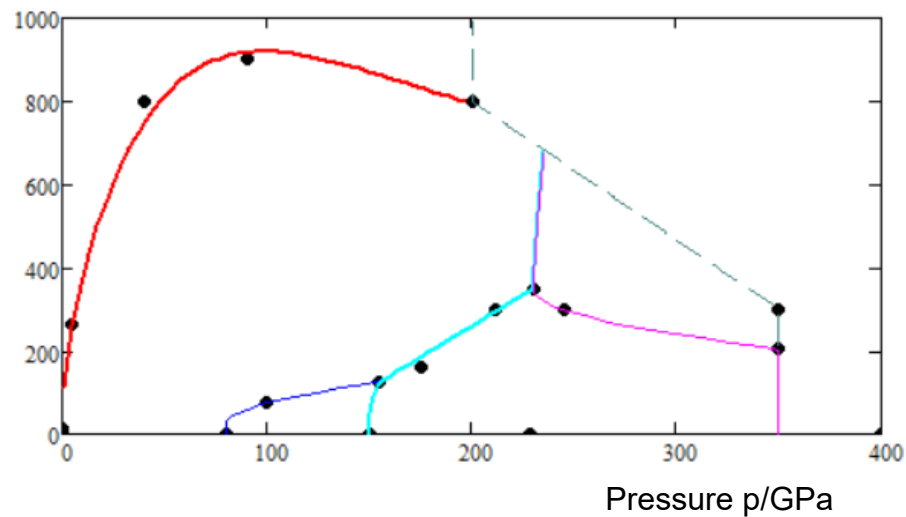


1 H

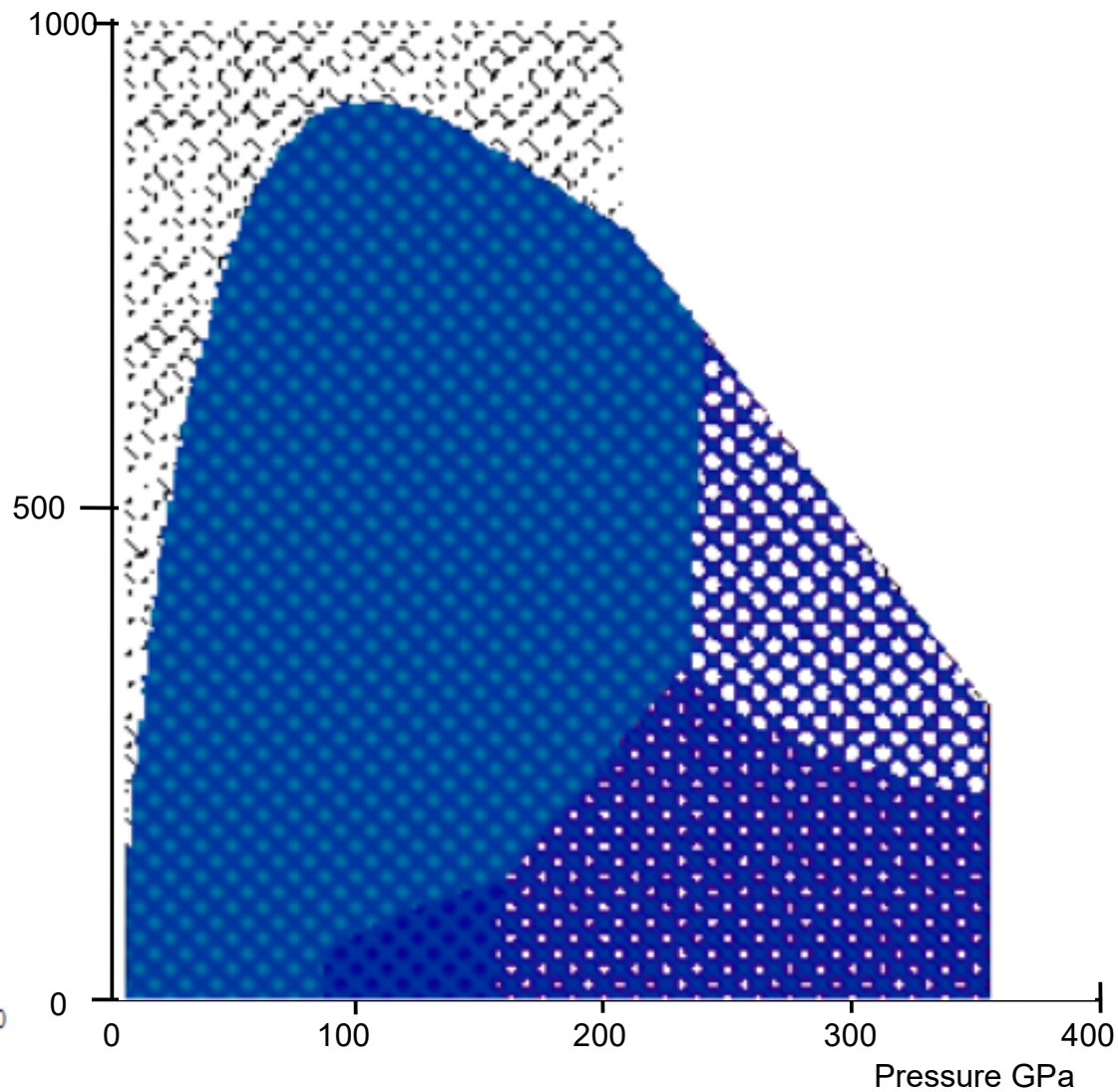
2025-02-08

gas----hP4H---->200GPa
ptr/GPa 5.3 hP4B hP4D

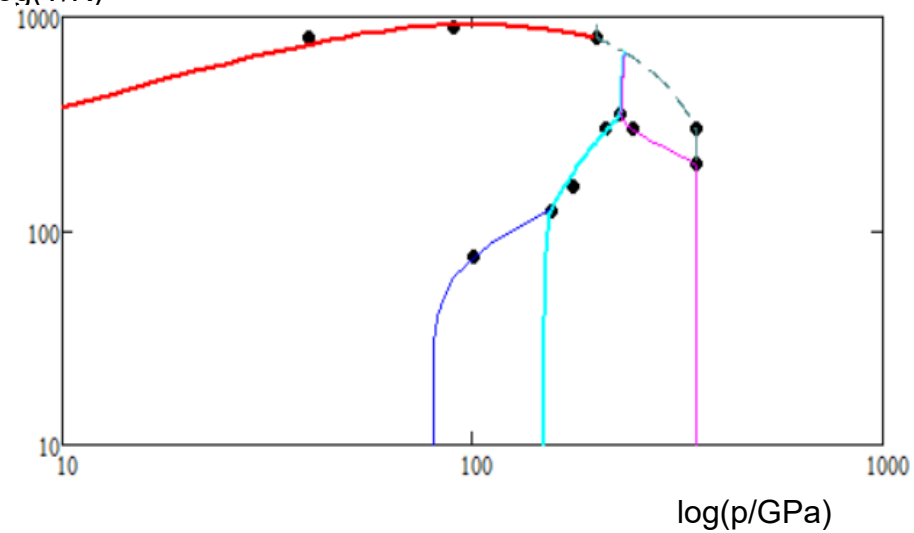
Temperature T/K



Temperature T/K



log(T/K)



2 He

gas-----hP2----->58GPa

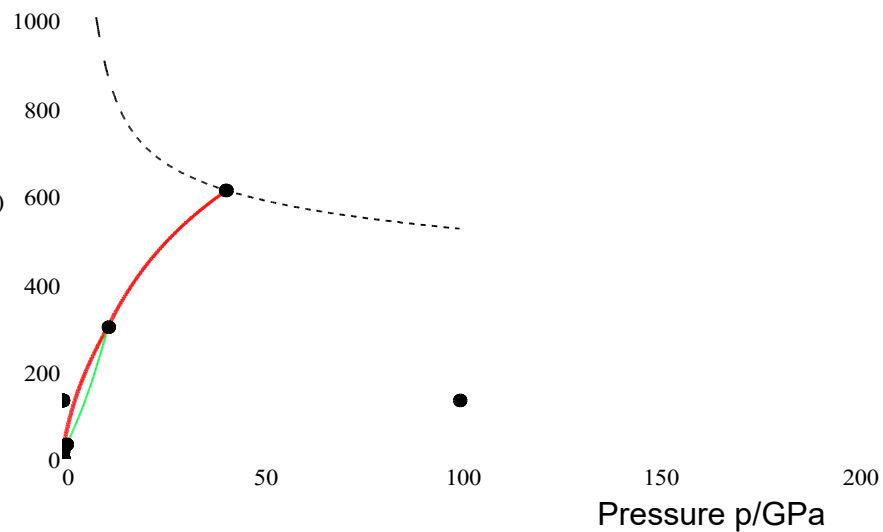
2014-06-25

ptr/GPa 12

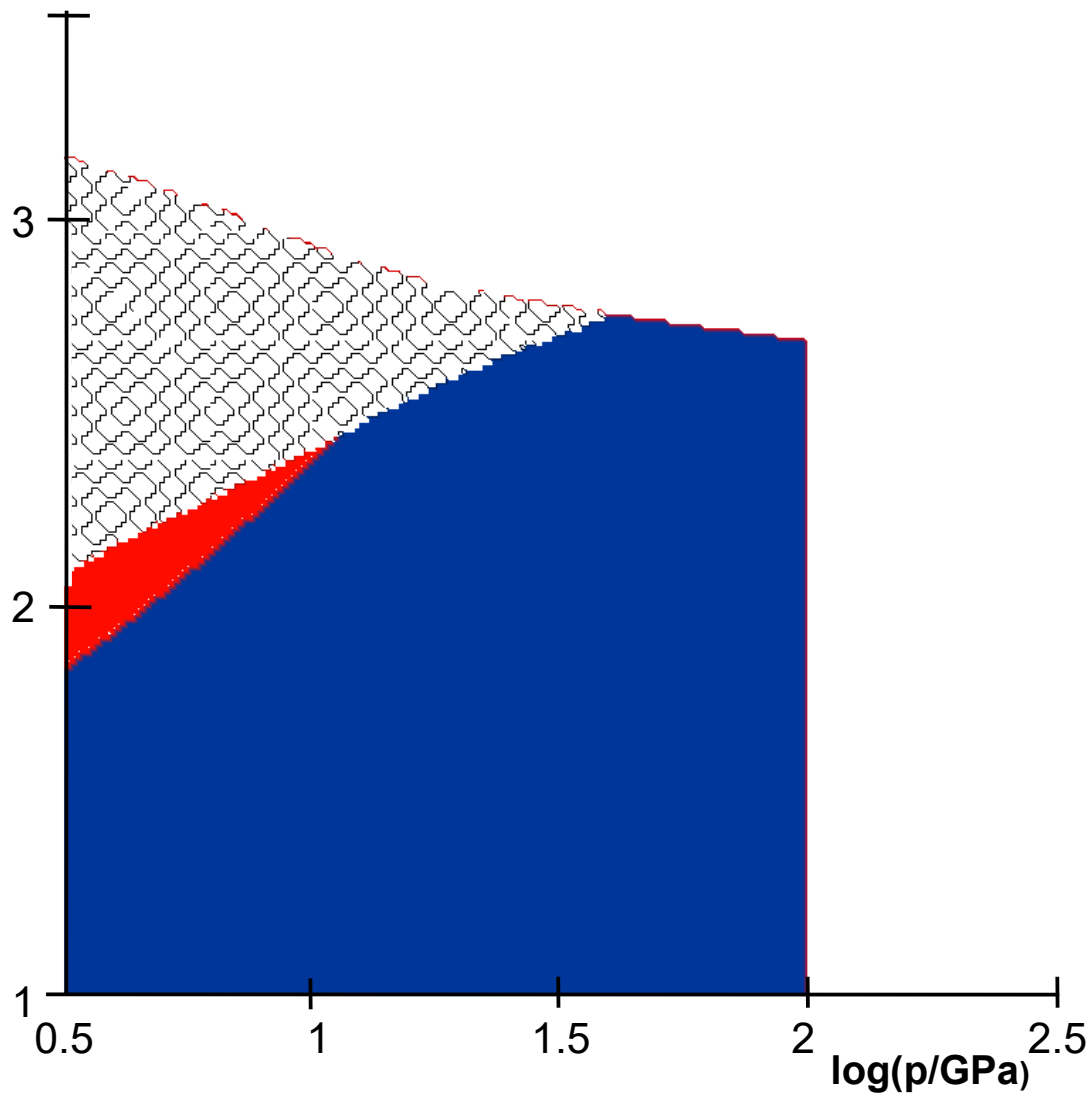
cl2

cF4

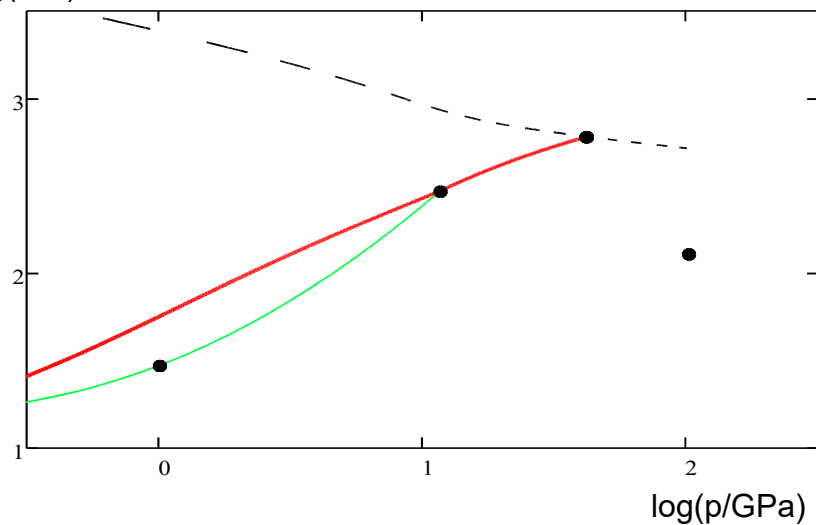
Temperature T/K



log(T/K)



log(T/K)



3 Li

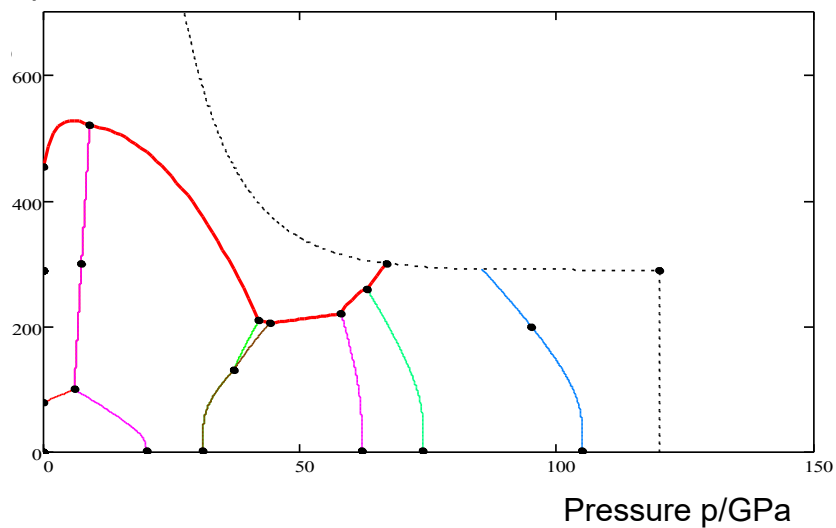
cl2-----cF4-----fl-----oC40-----oC24---->116GPa

ptr/GPa 7.5 39 75 90 hR3

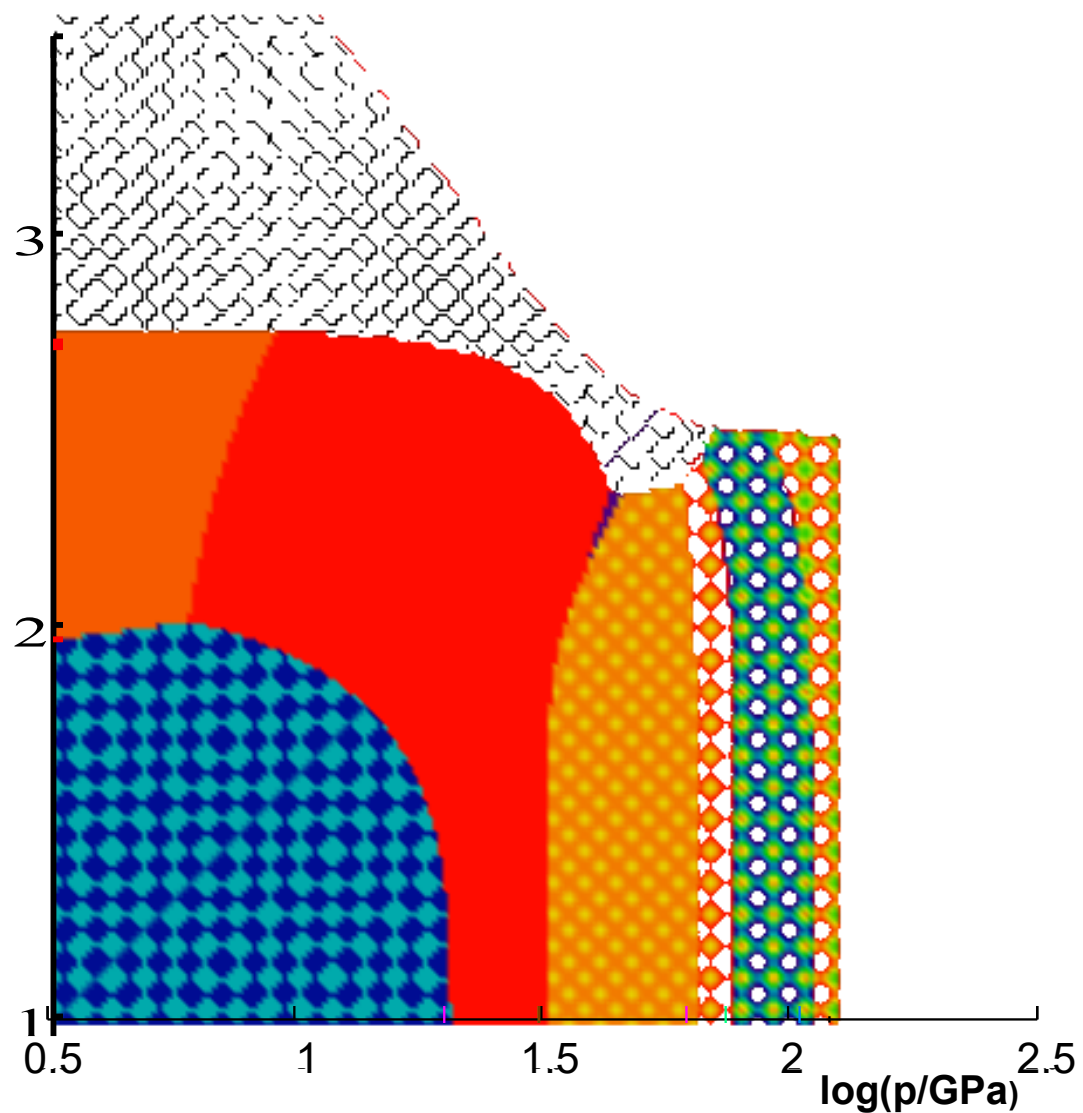
200K: hR1-----cl6-----oC88-----oC40-----oC24

2014-06-22

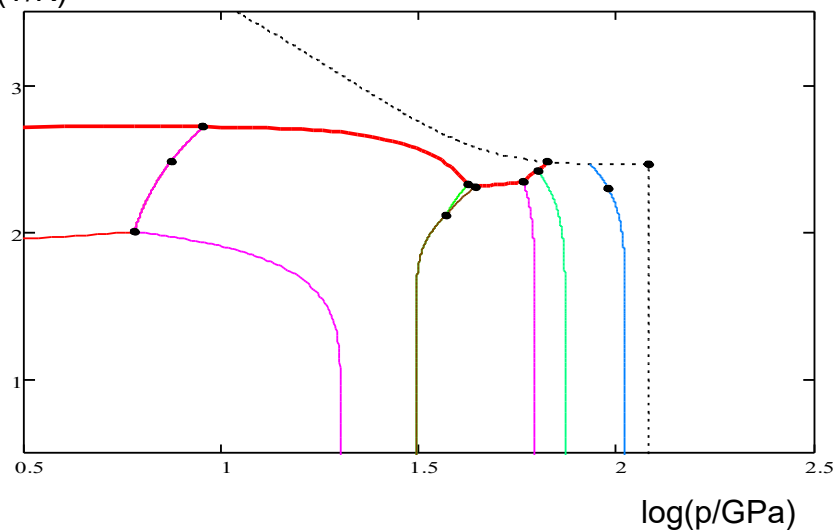
Temperature T/K



log(T/K)



log(T/K)

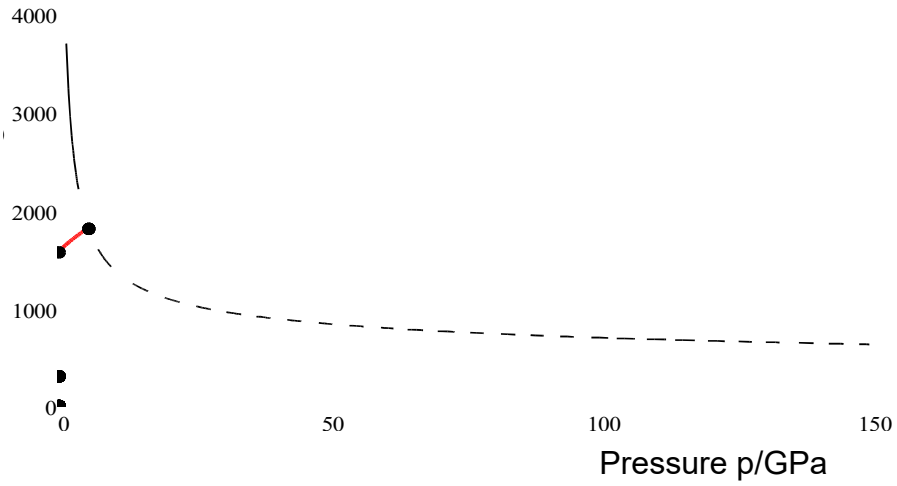


4 Be

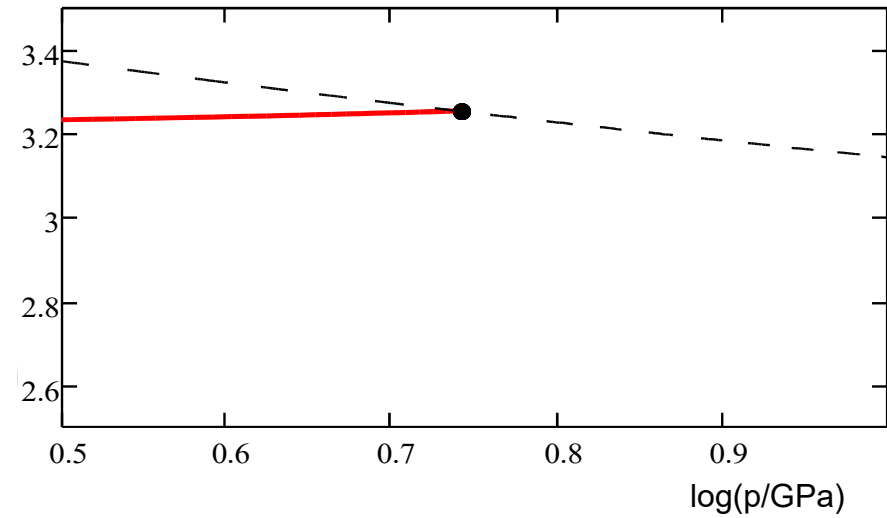
hP2----->151GPa

2014-06-25

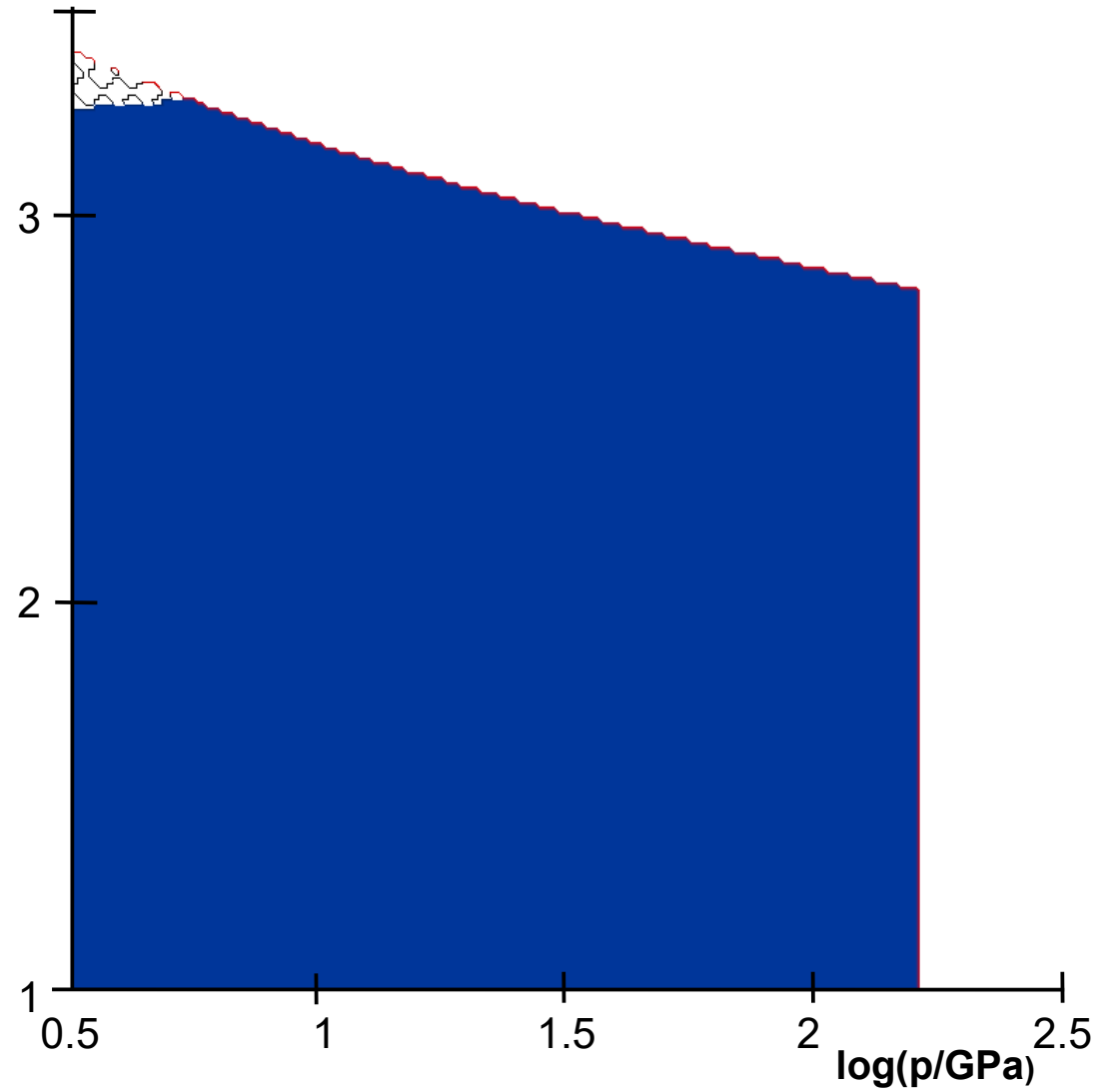
Temperature T/K



log(T/K)



log(T/K)

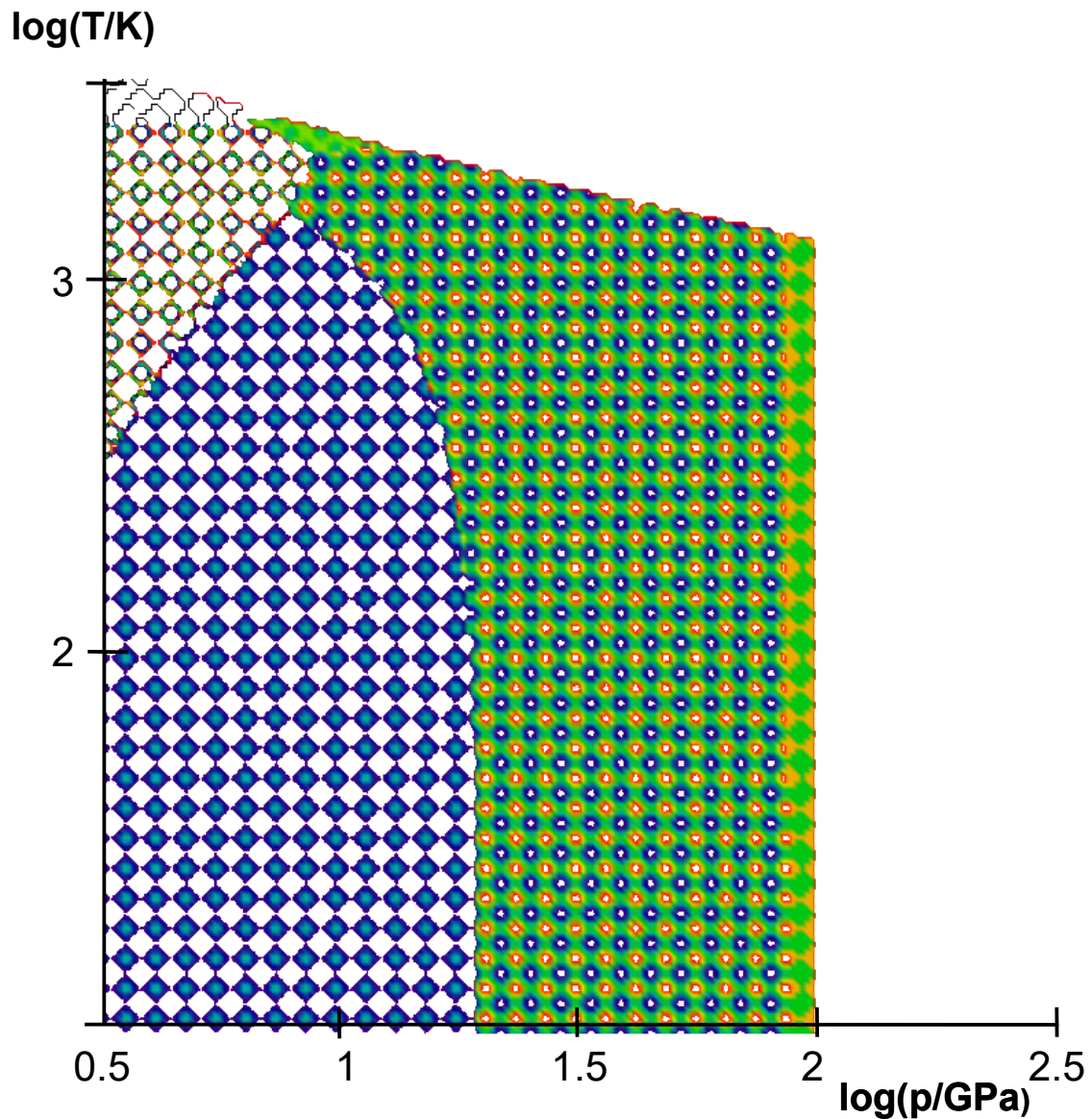
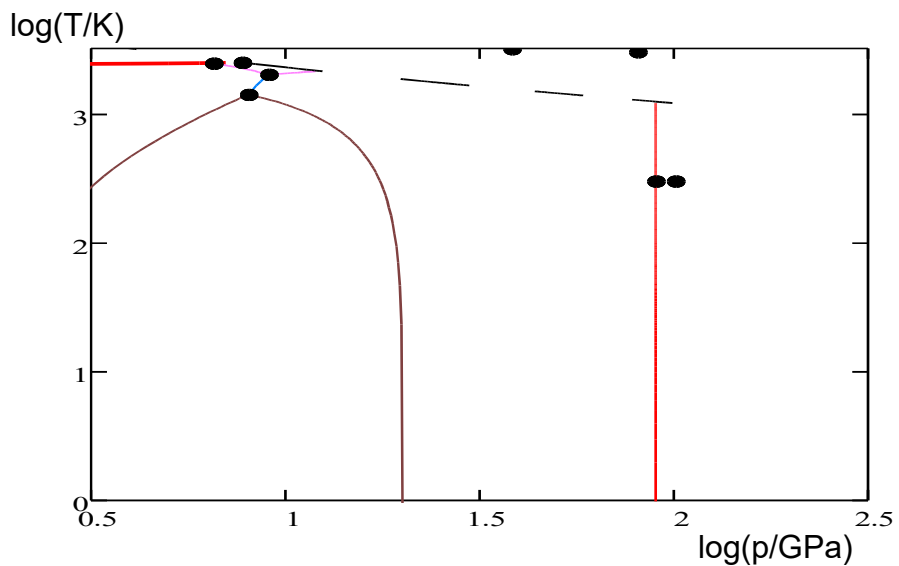
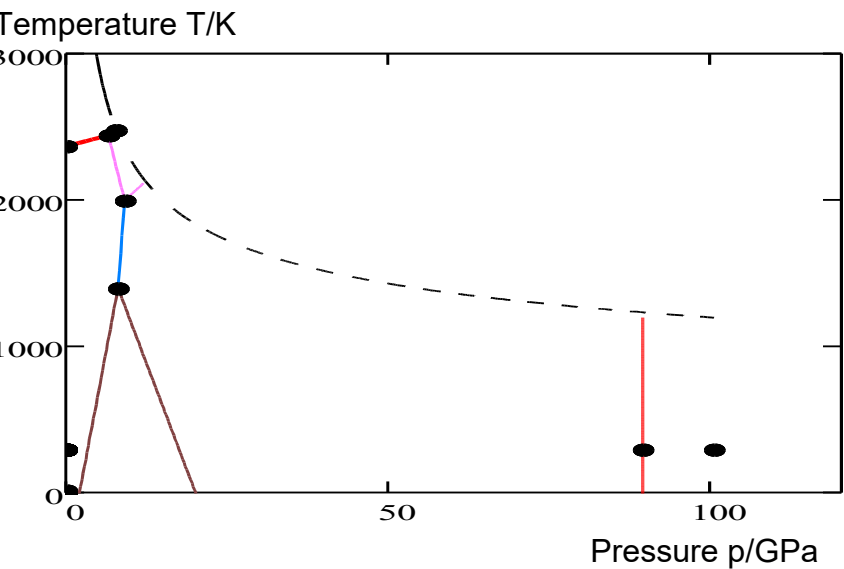


5 B

hR106----hR12----oP28----oC8---->250GPa

2014-06-22

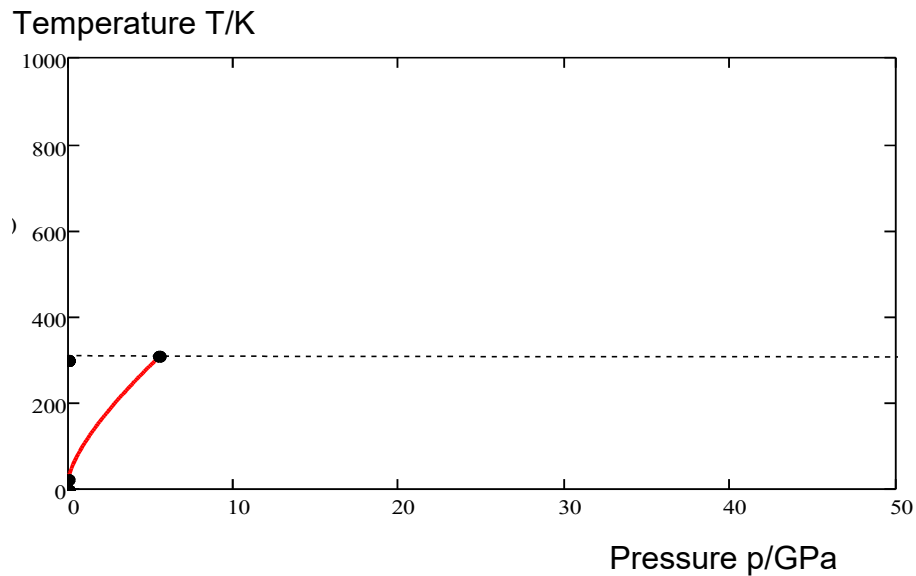
tP192HT



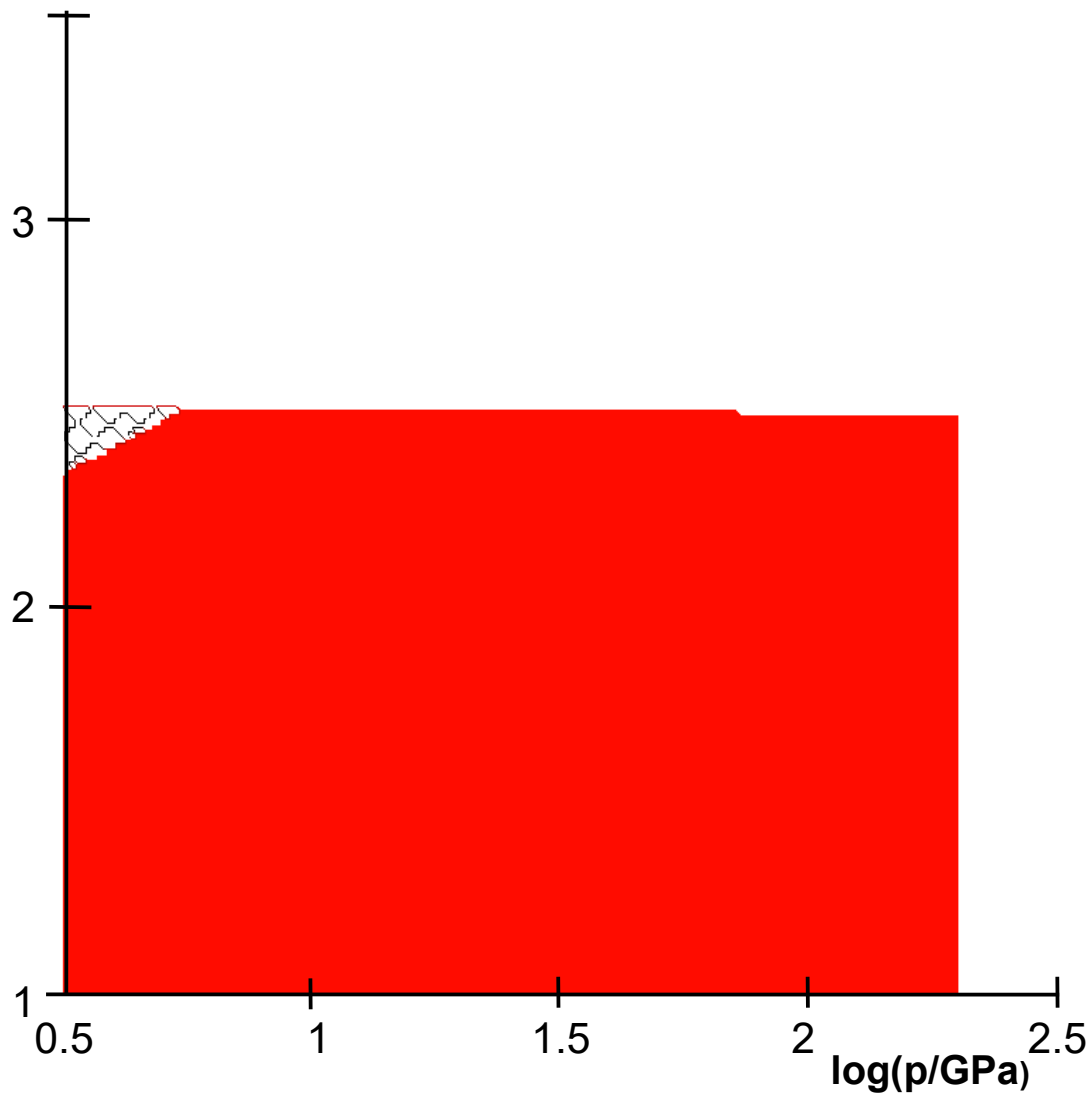
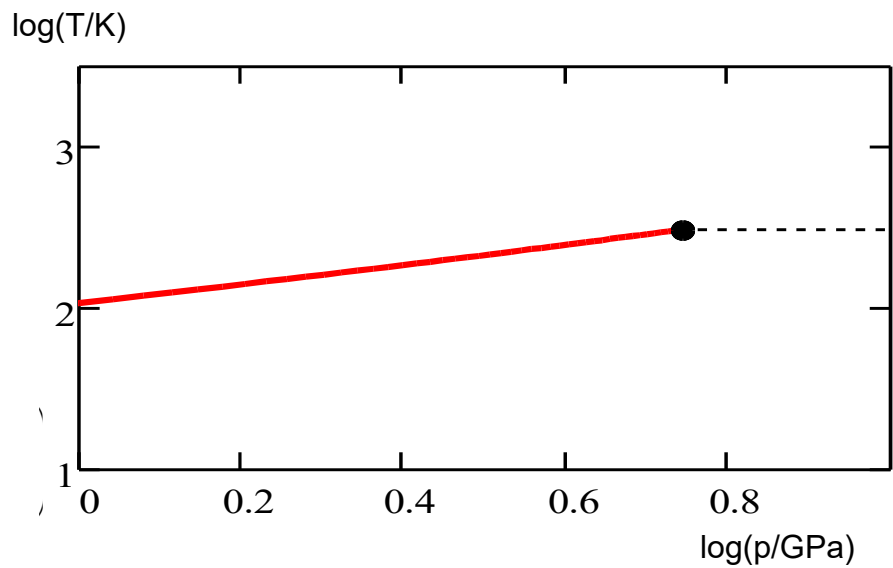
10 Ne

gas----cF4----->110GPa

2014-06-25



log(T/K)



11 Na

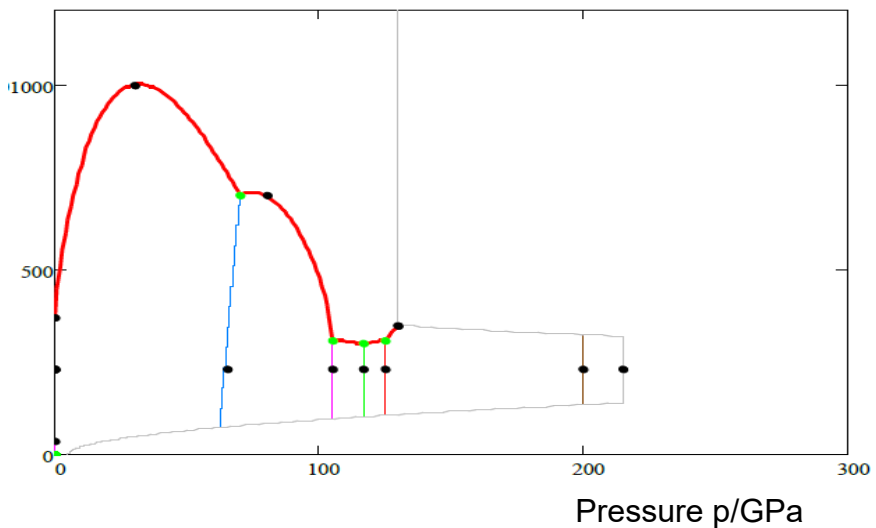
cl2----cF4----cl16----oP8----HGL----hP4---->215GPa

2016-04-13

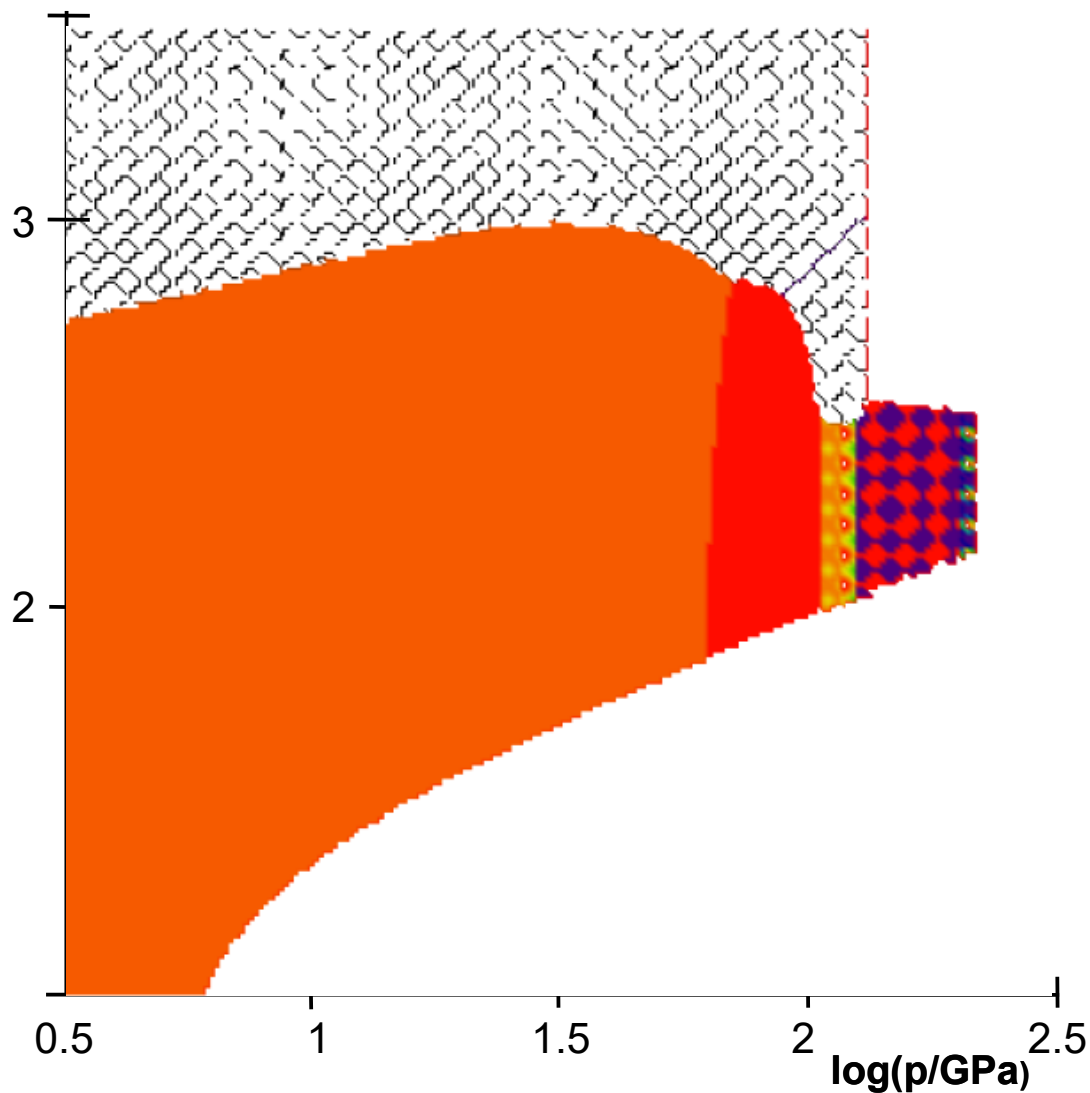
ptr/GPa 65 104 117 125 180 **hP2** **tl50** **mP512HT**

oP8*** covers also the uncertain ranges of stability for tl50, oC120, aP90, and mP512HT

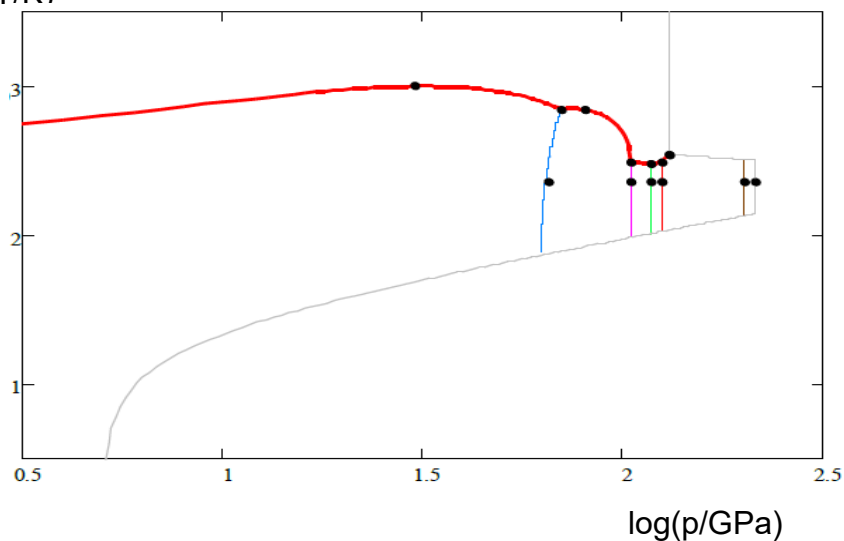
Temperature T/K



log(T/K)



log(T/K)



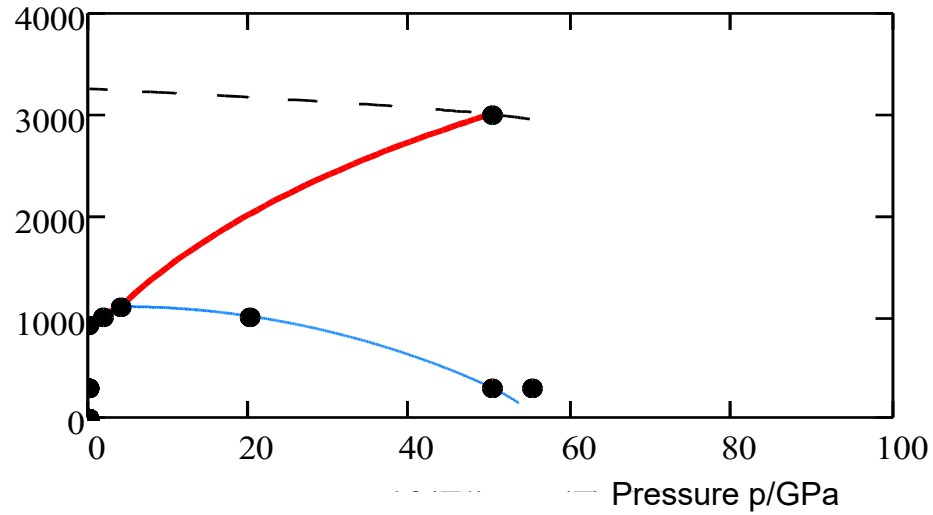
12 Mg

hP2----cI2----->58GPa

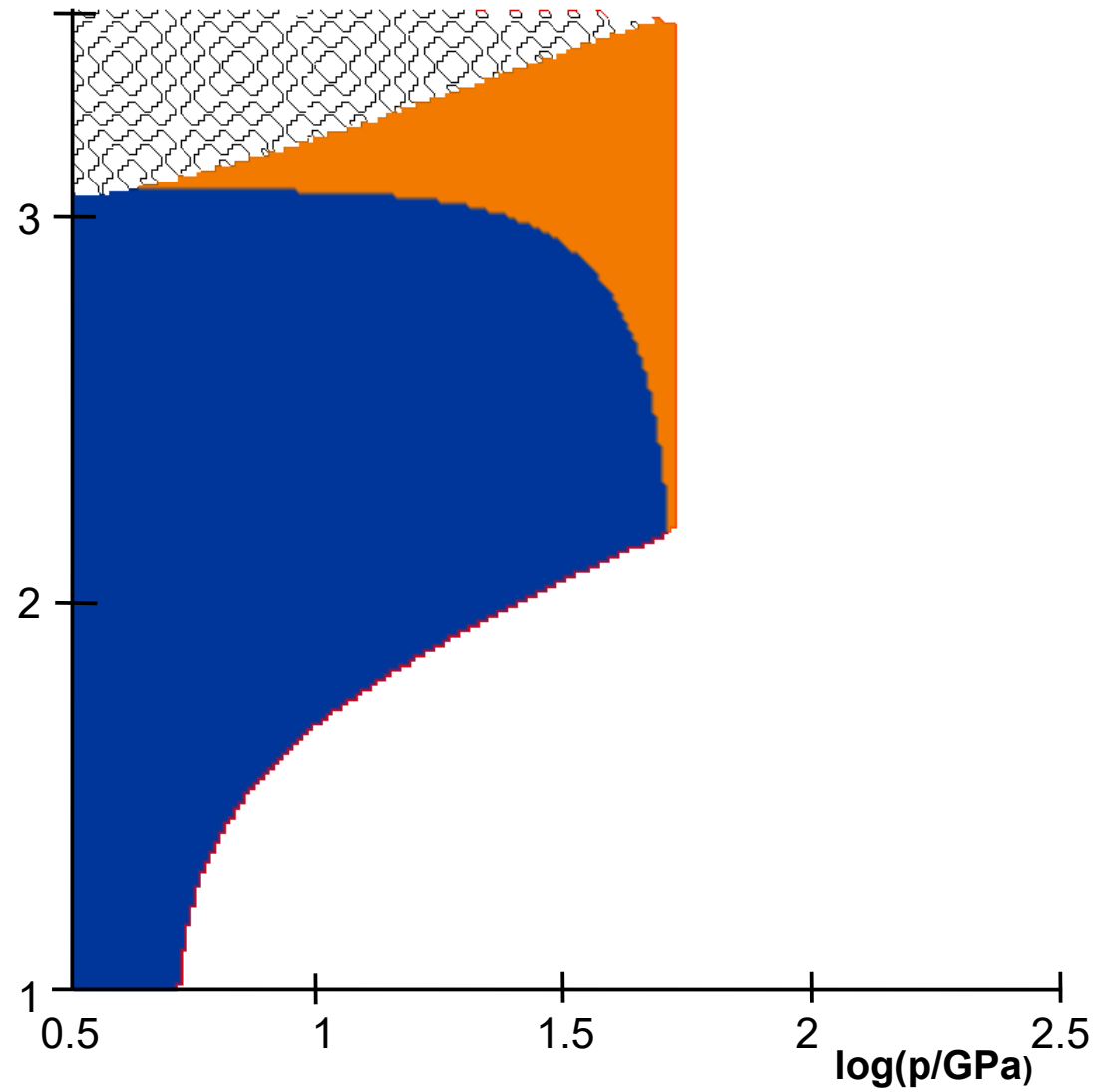
2014-06-25

ptr/GPa 50

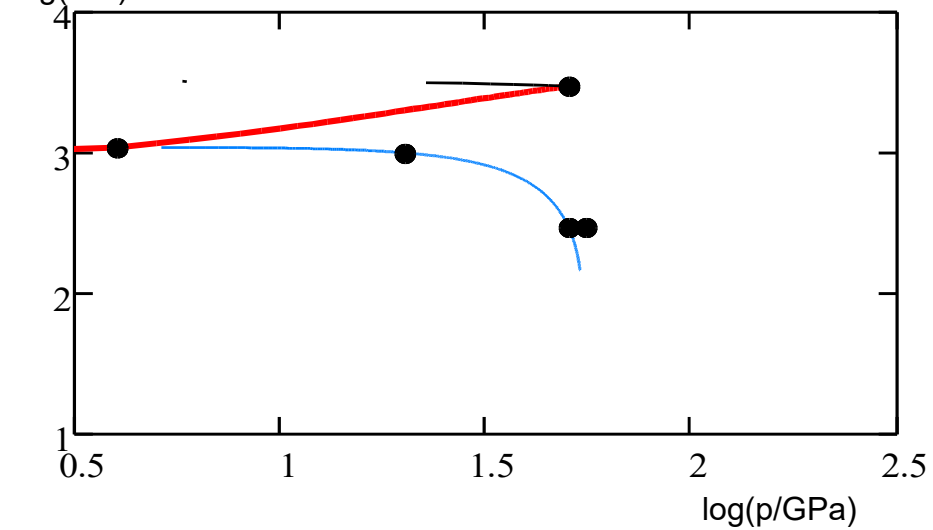
Temperature T/K



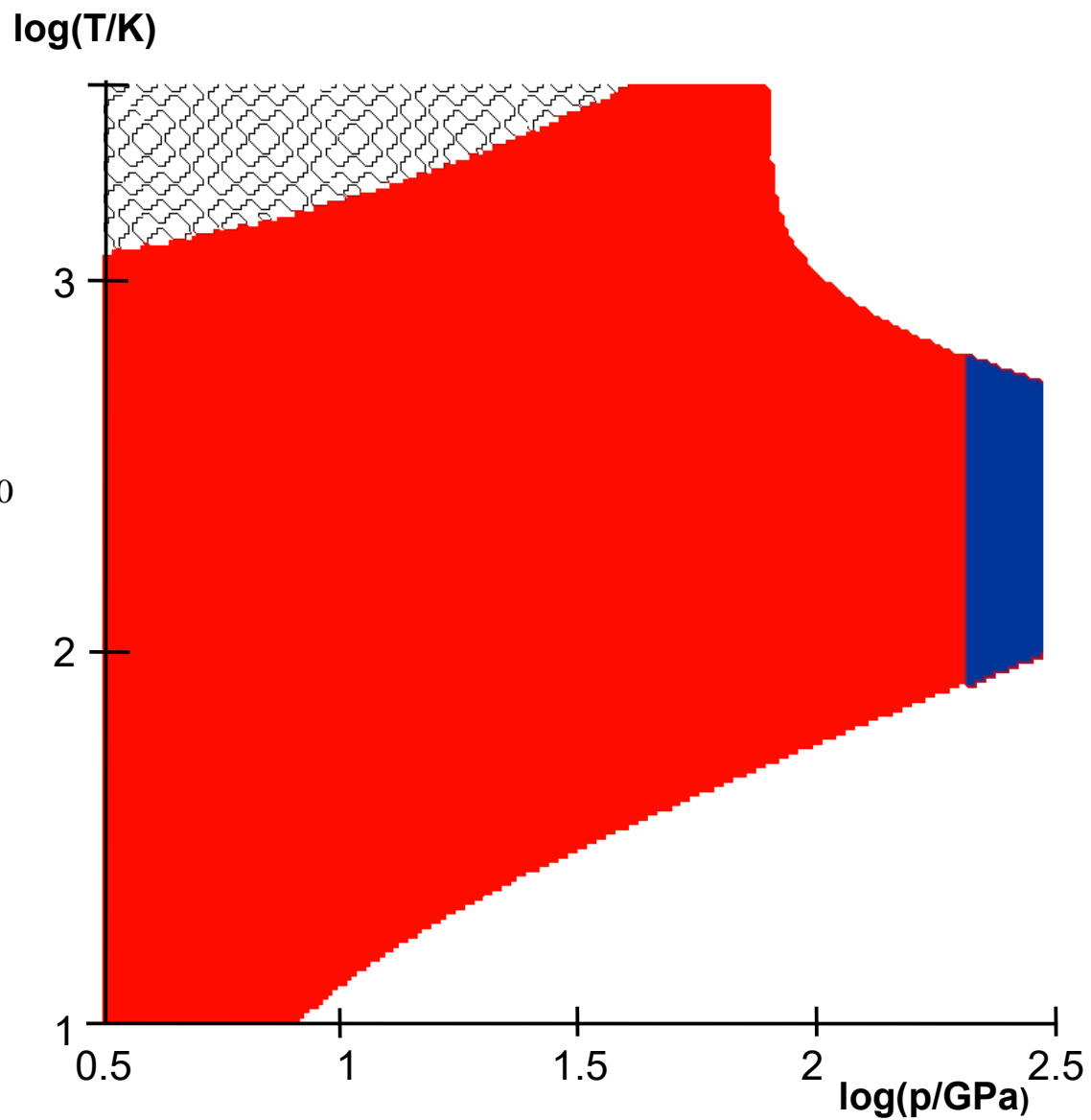
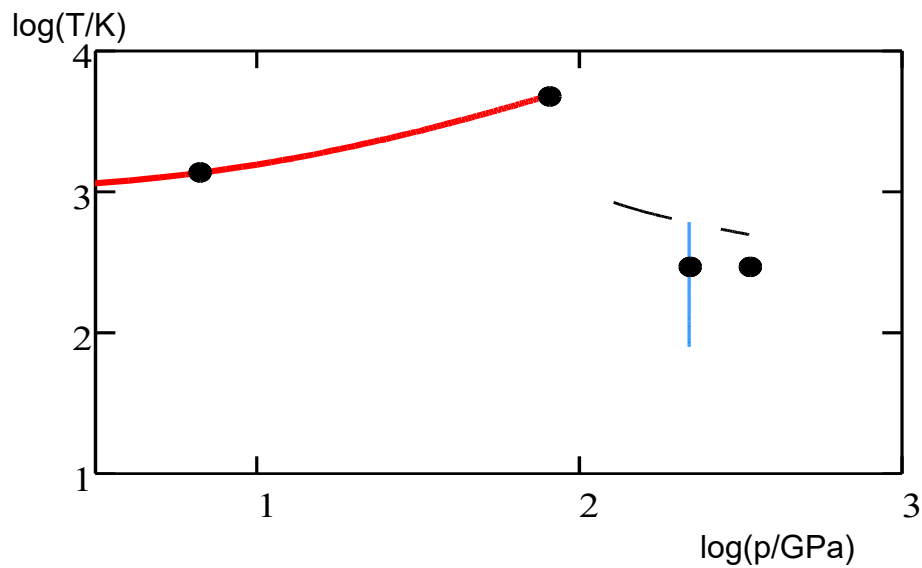
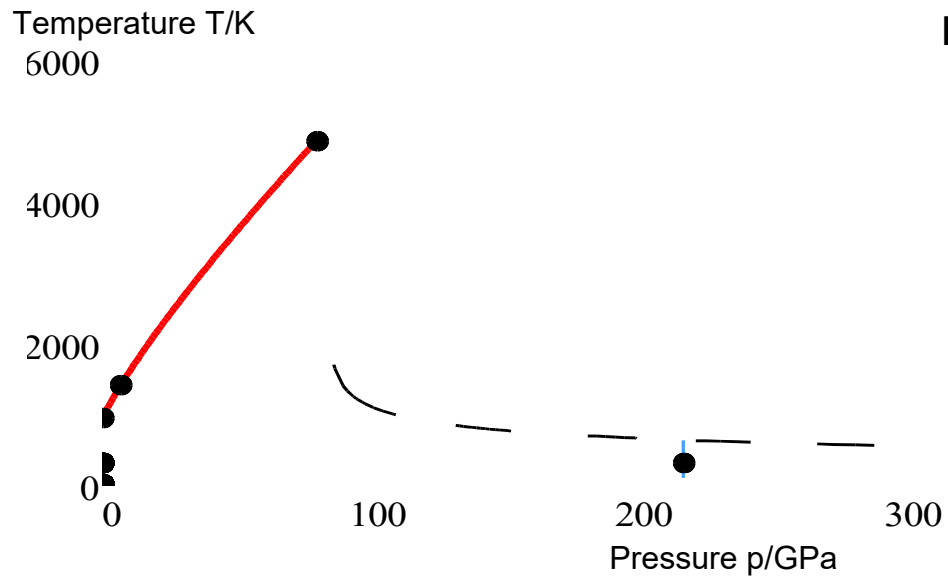
log(T/K)



log(T/K)



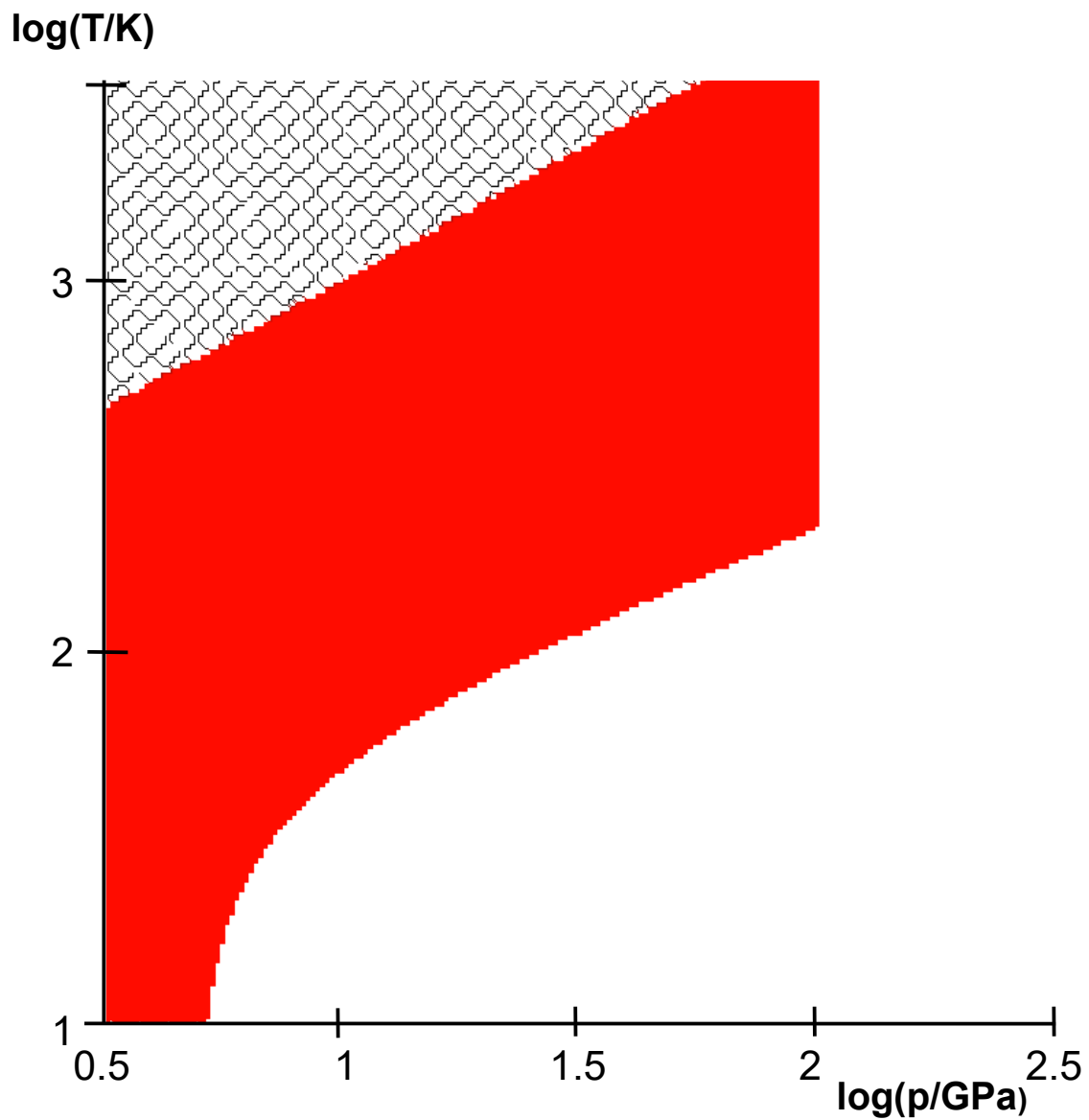
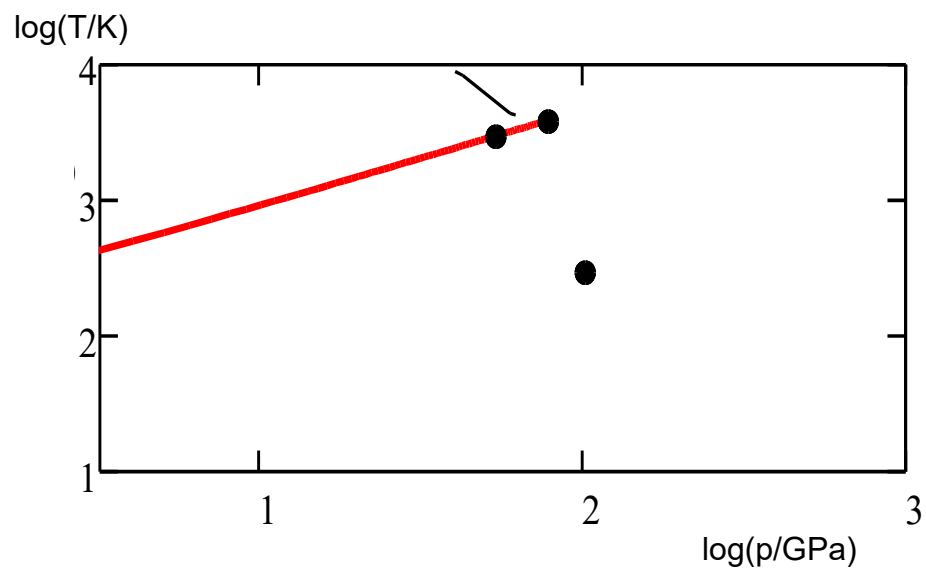
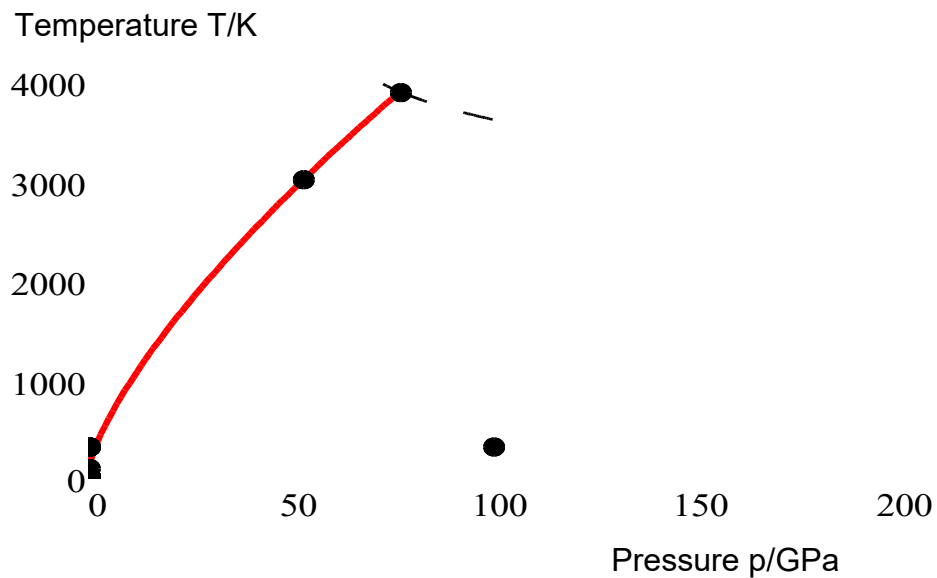
ptr/GPa 217



18 Ar

gas----cF4----->77GPa

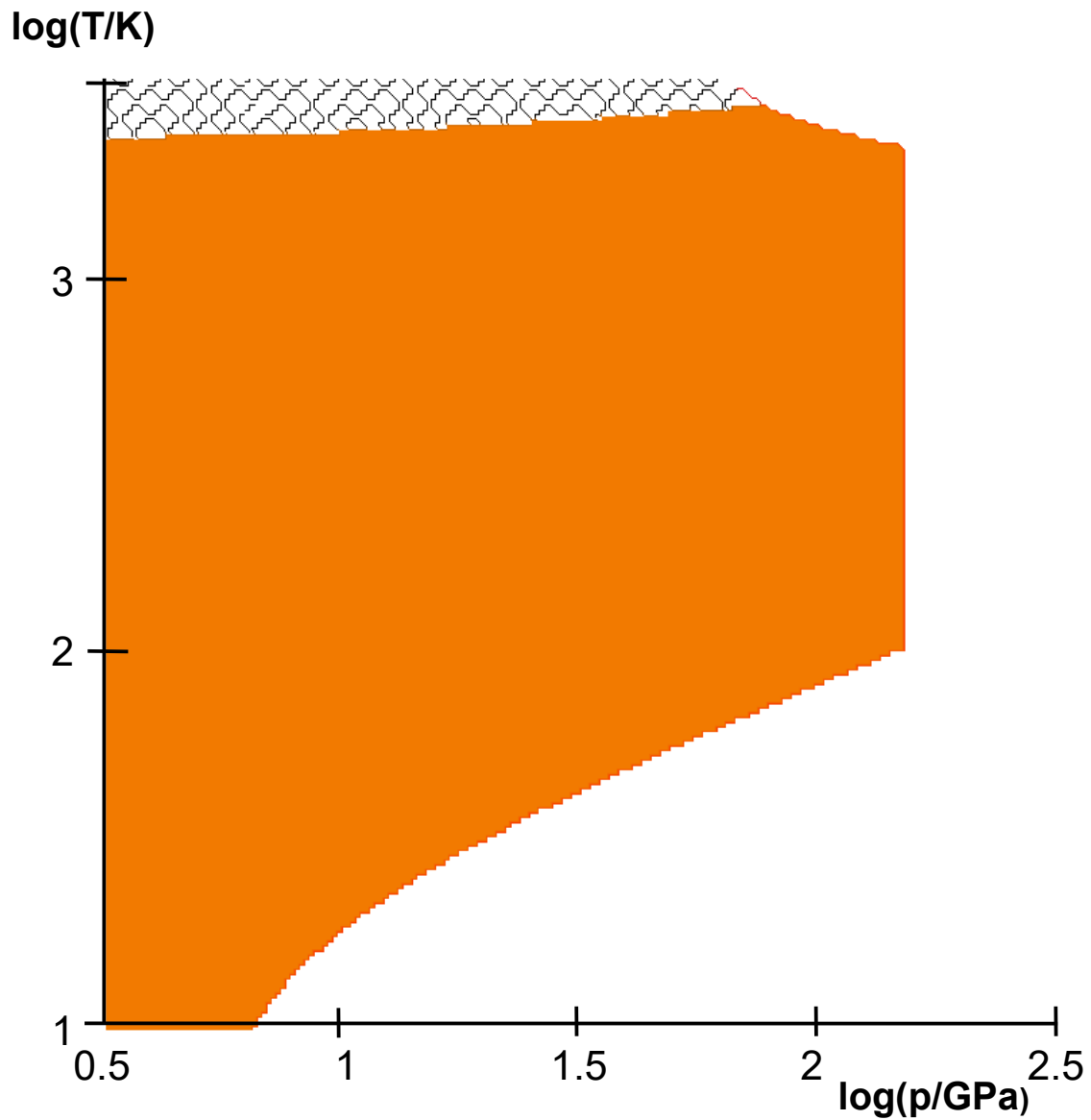
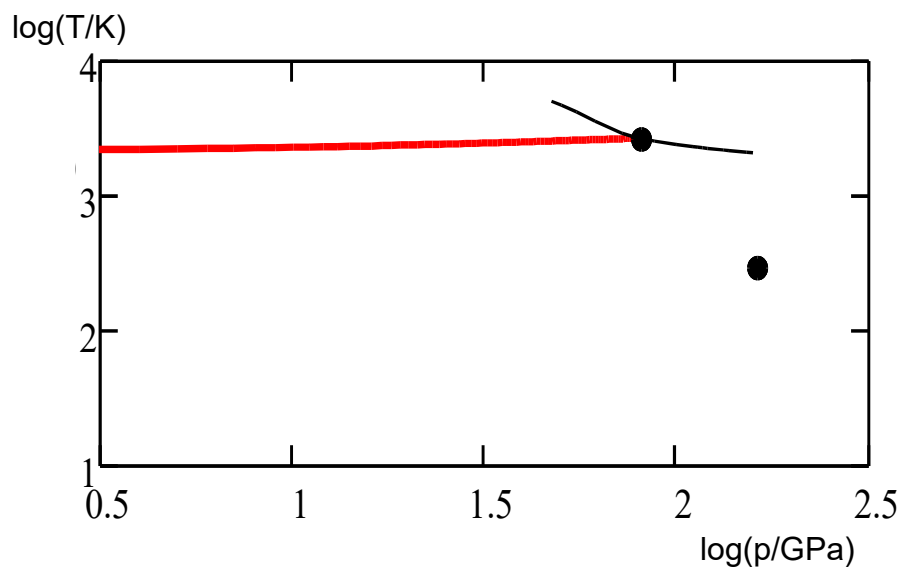
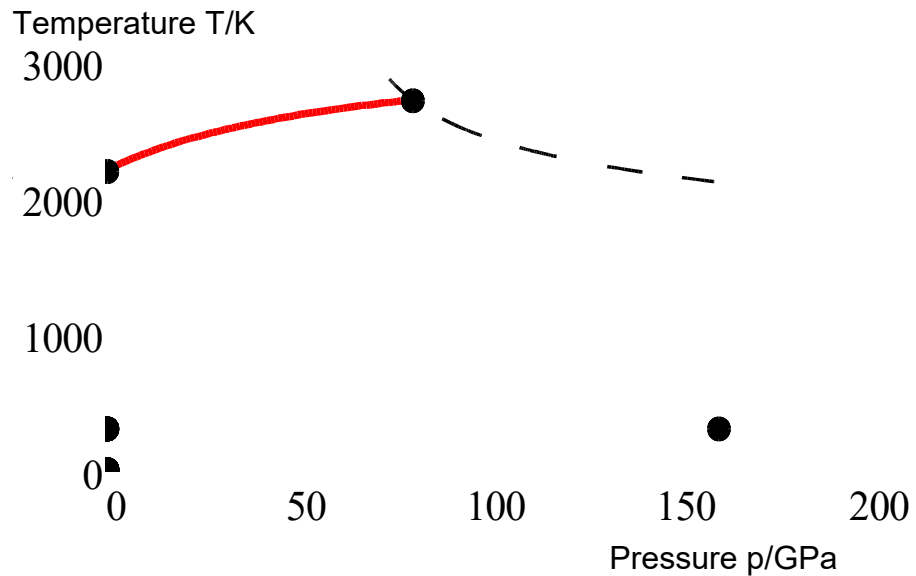
2014-06-25



23 V

cl2----->160GPa

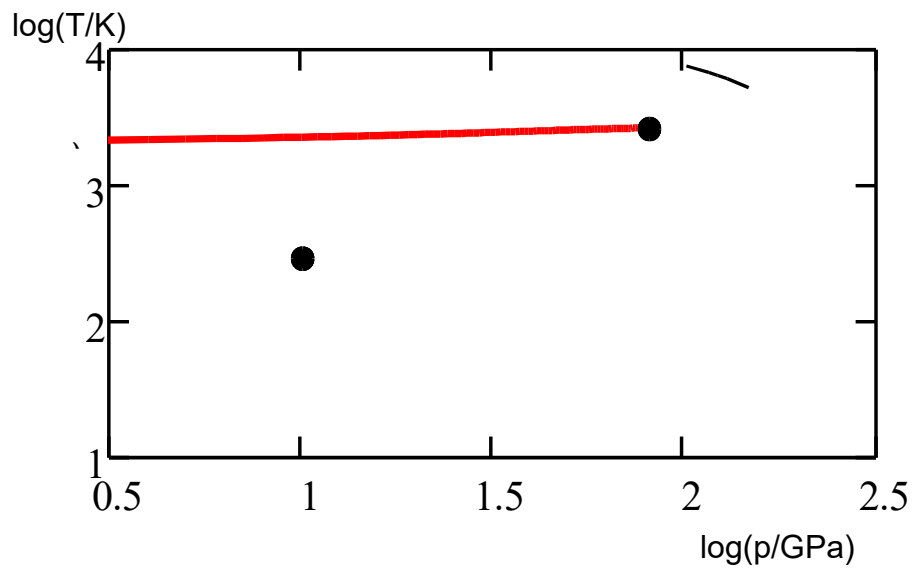
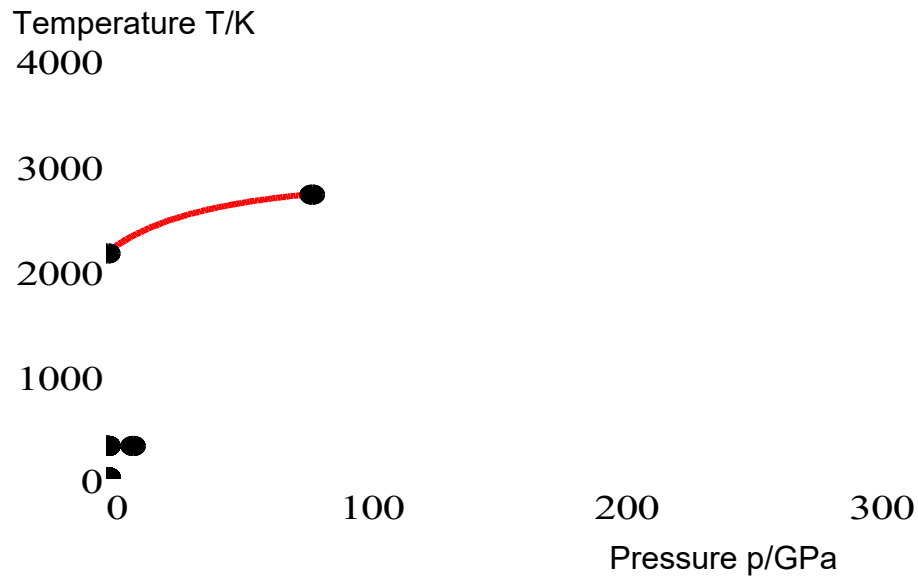
2014-06-25



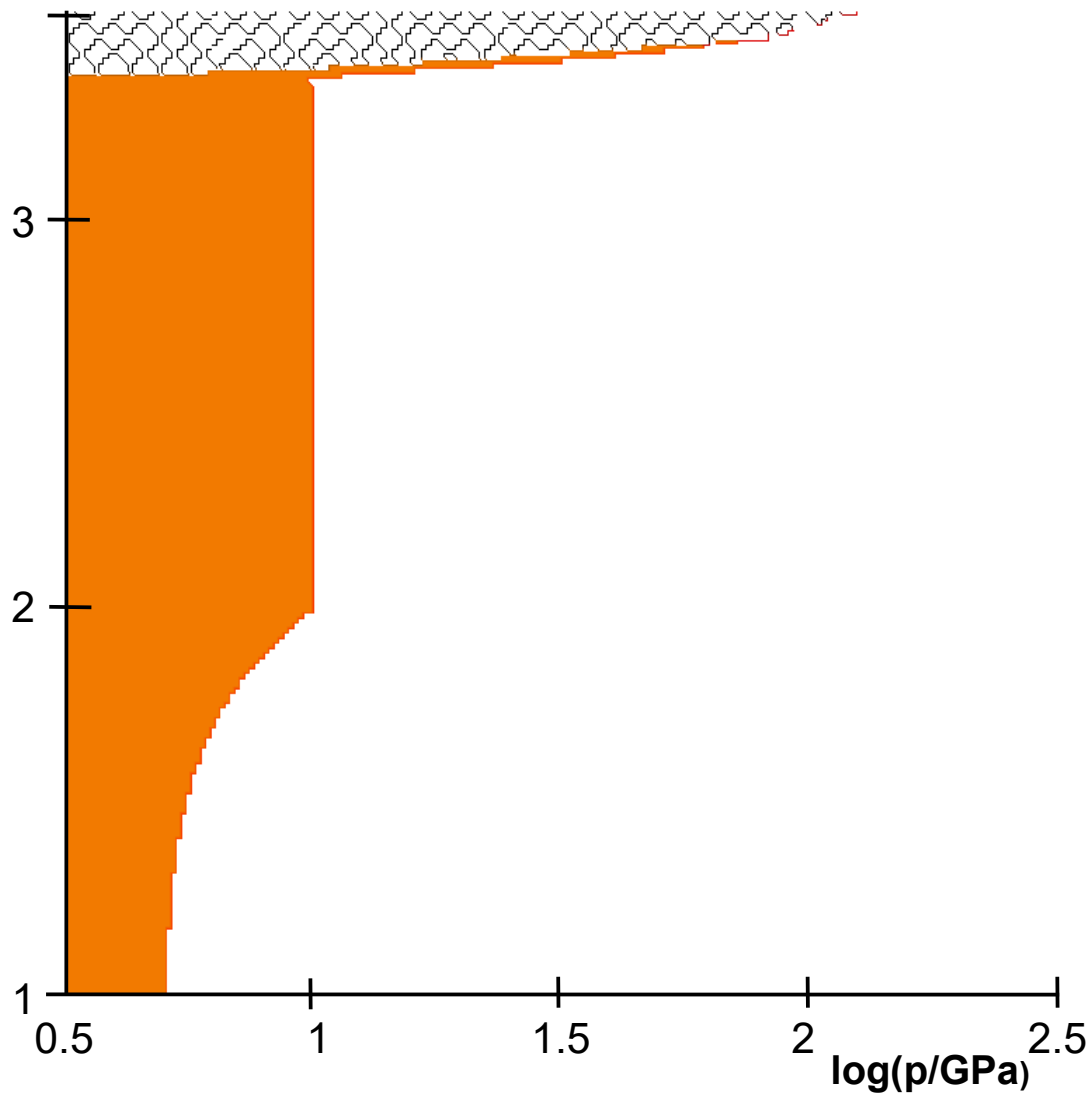
24 Cr

cl2----->10GPa

2014-06-25



log(T/K)



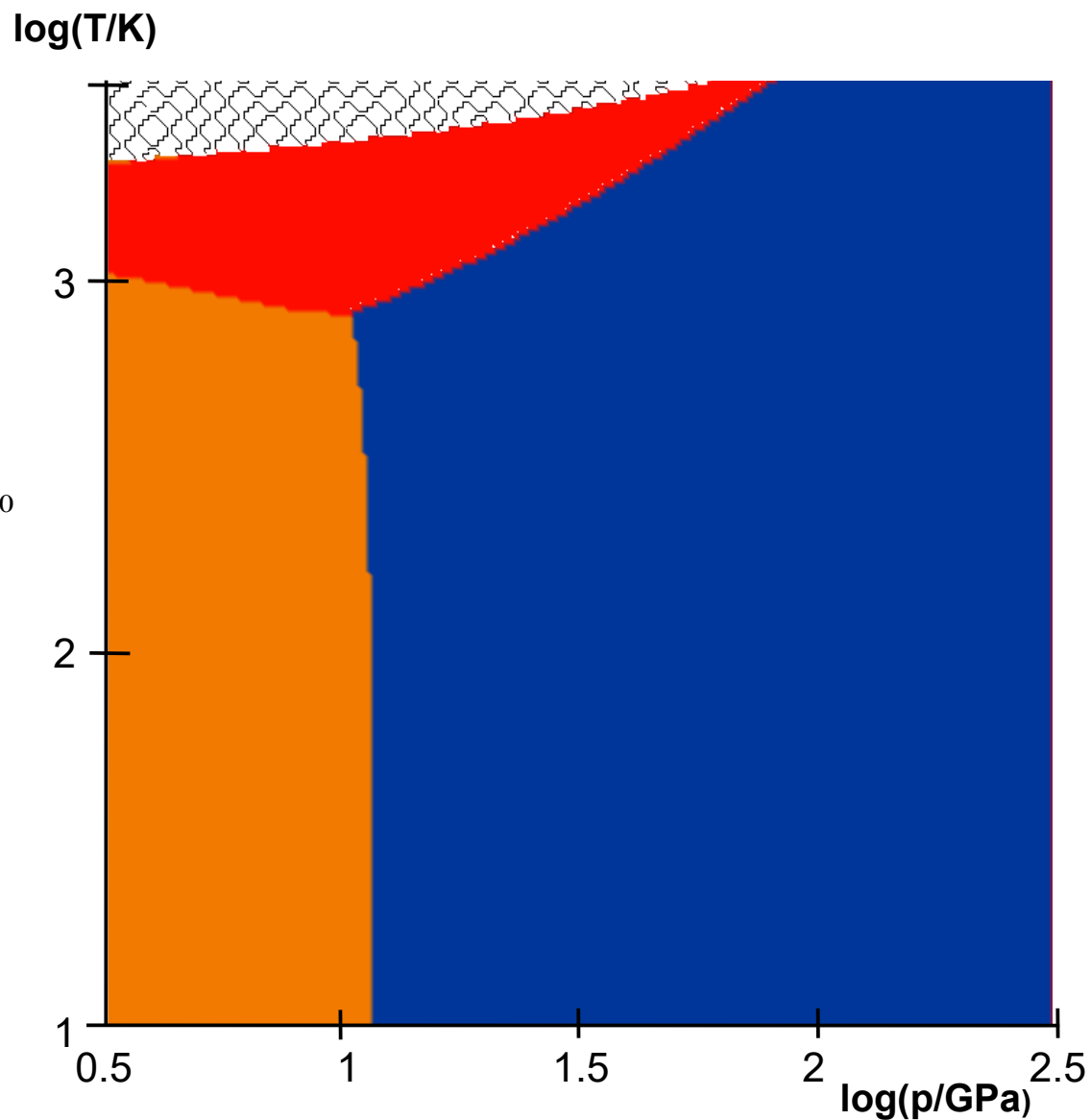
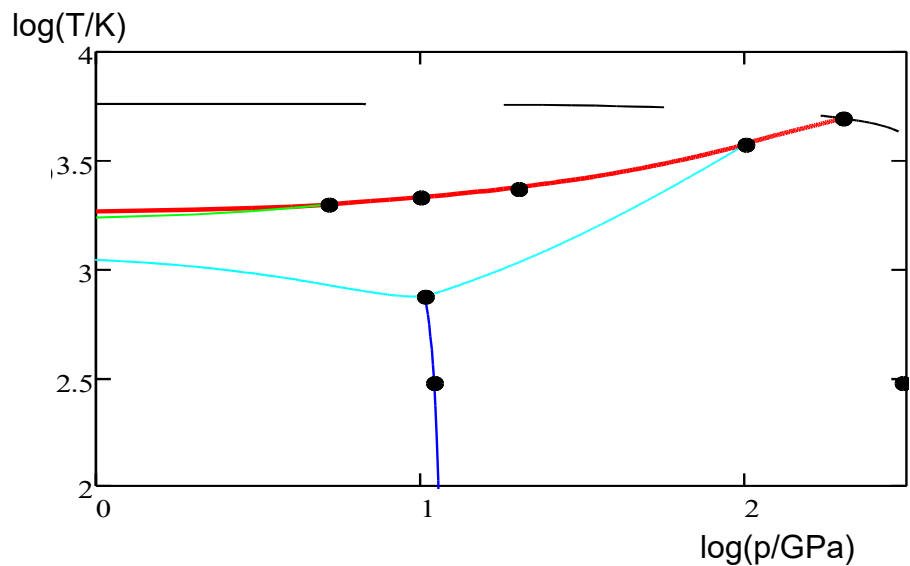
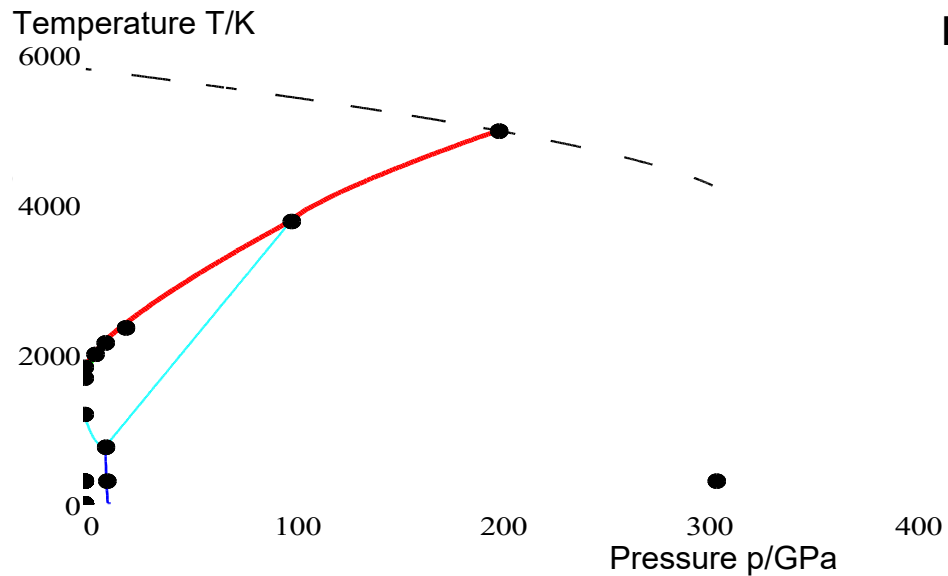
26 Fe

cl2-----hP2----->305GPa

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ptr/GPa 11

cF4HT

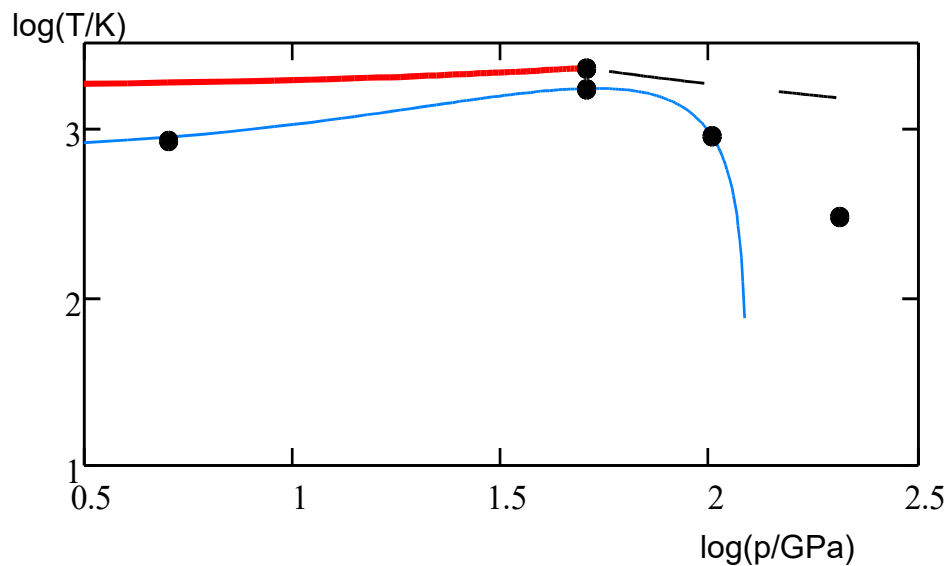
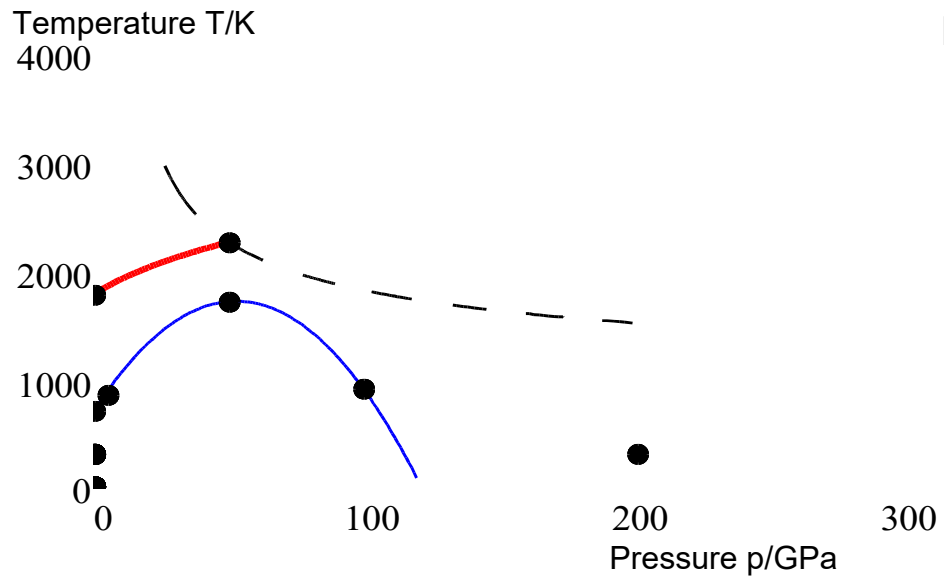


27 Co

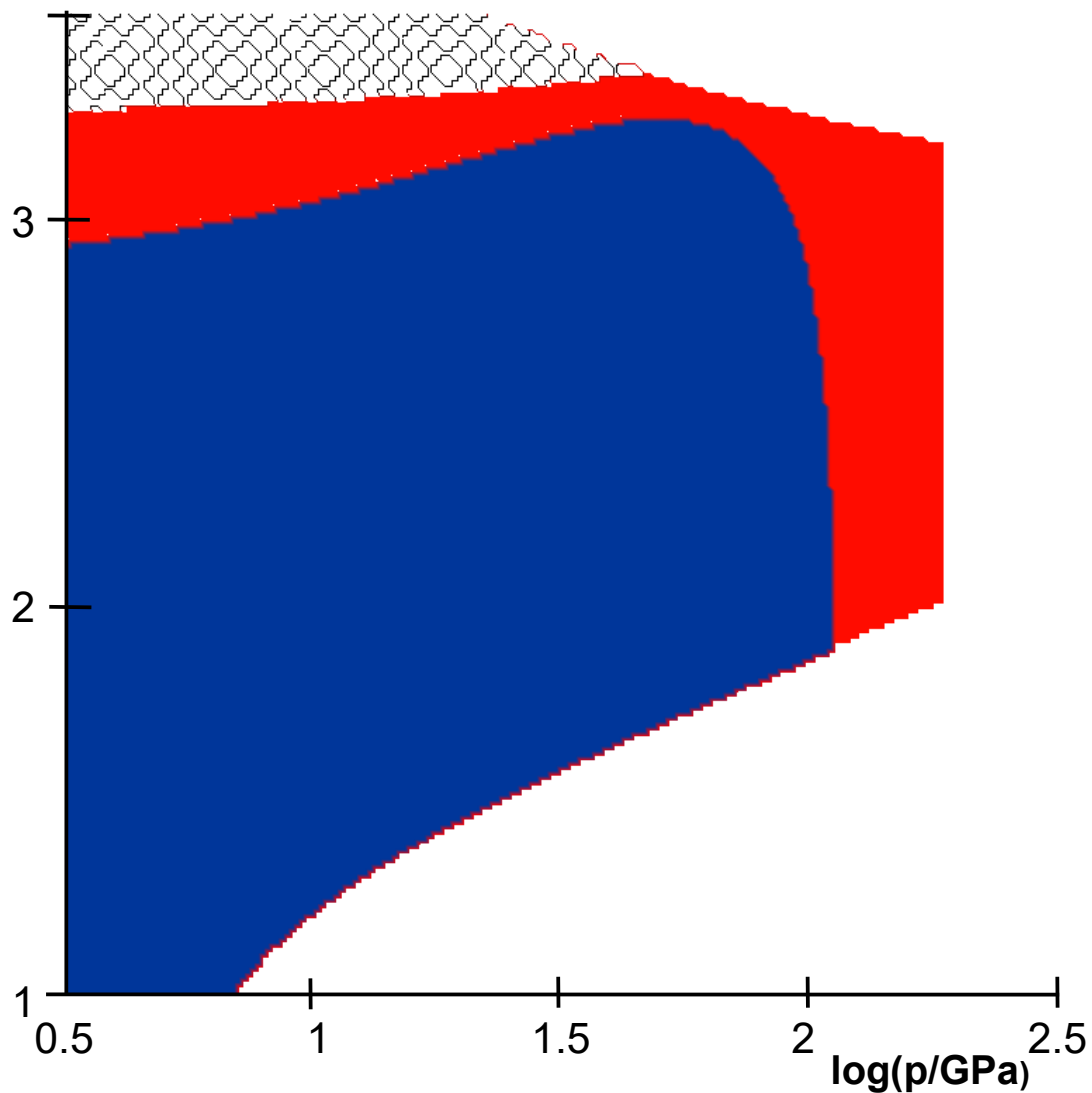
hP2----cF4----->202GPa

2014-06-25

ptr/GPa 120



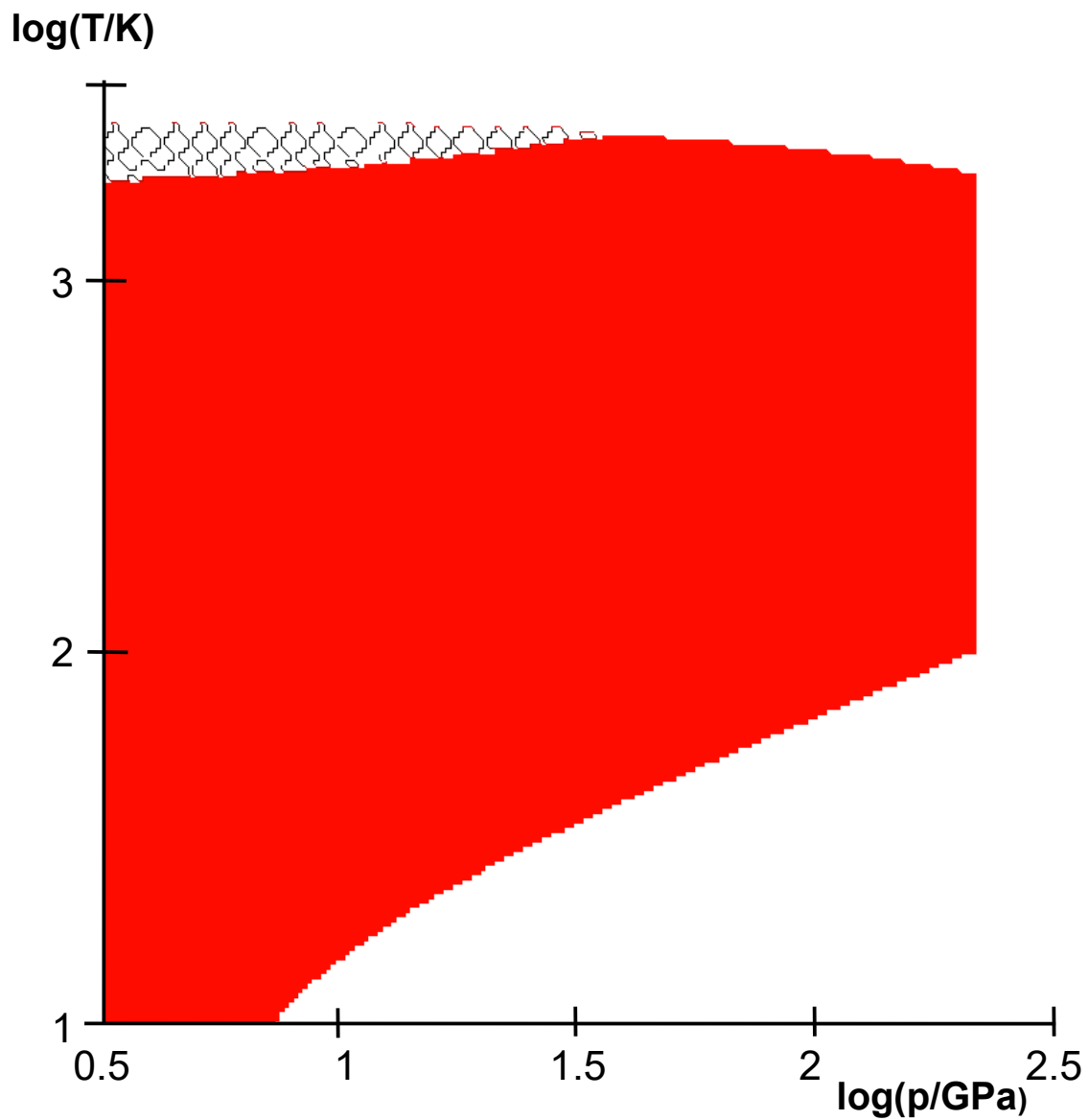
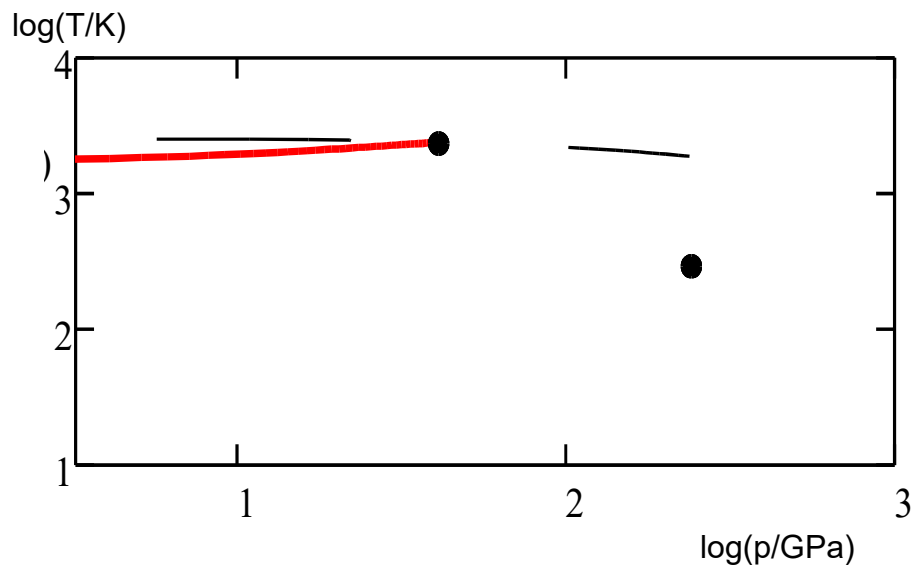
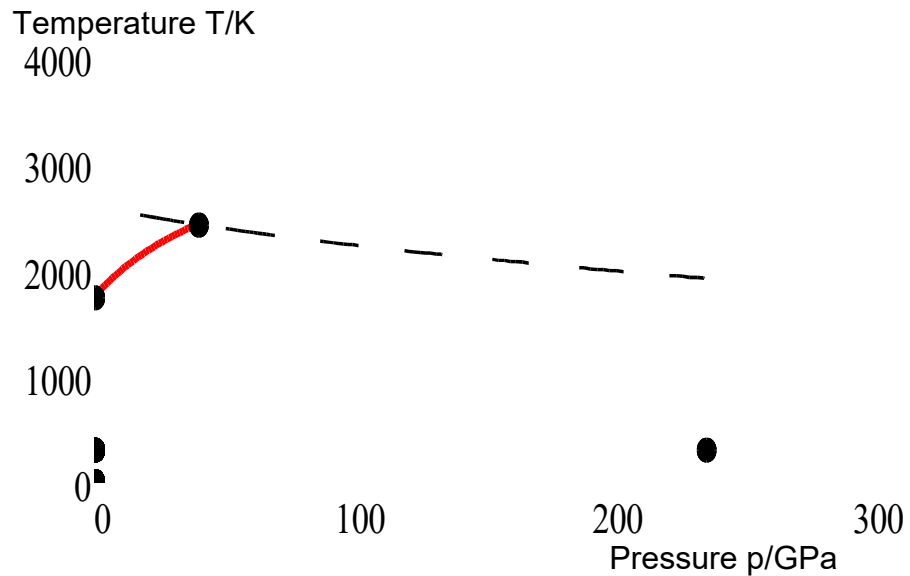
log(T/K)



28 Ni

cF4----->236GPa

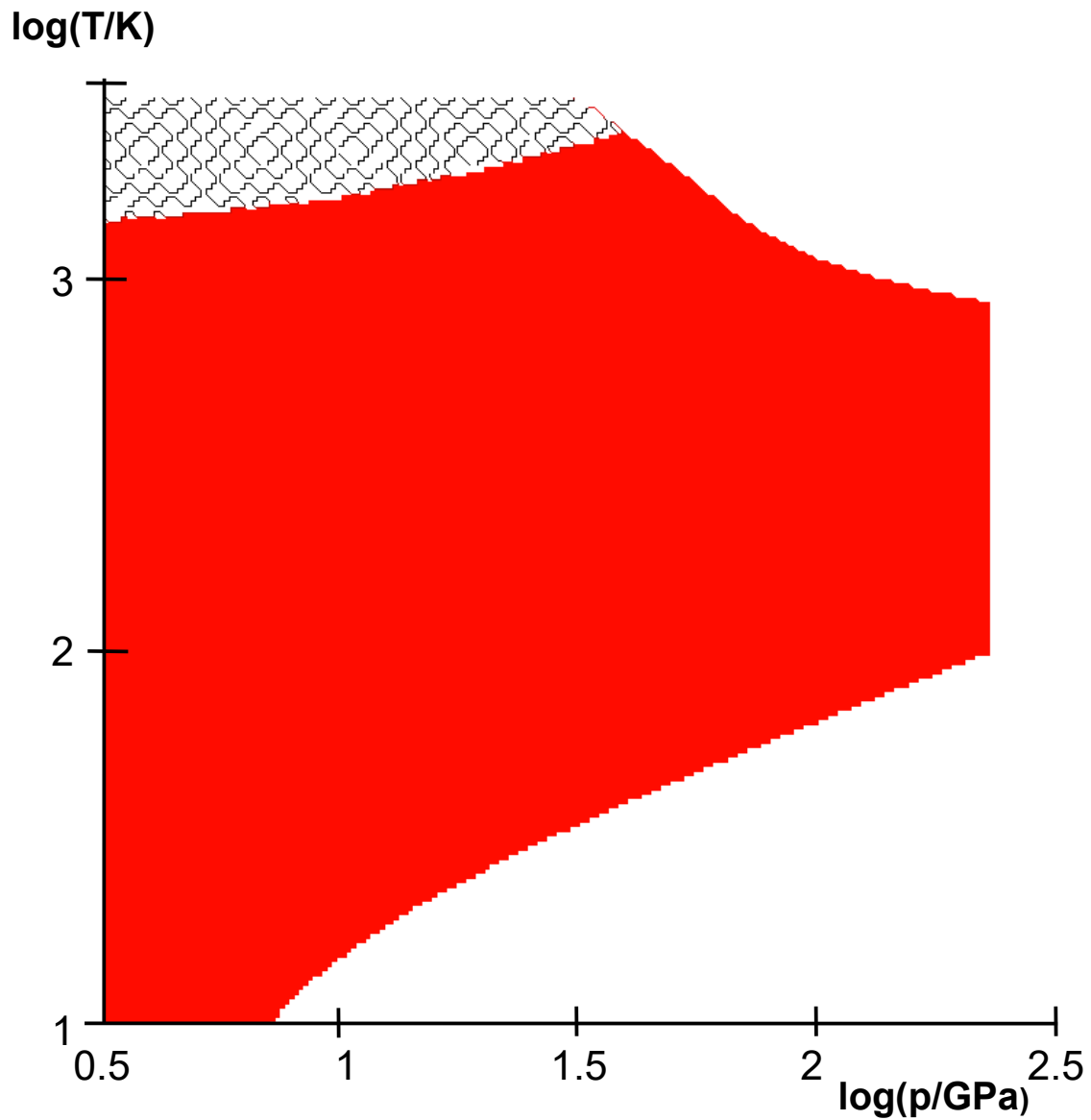
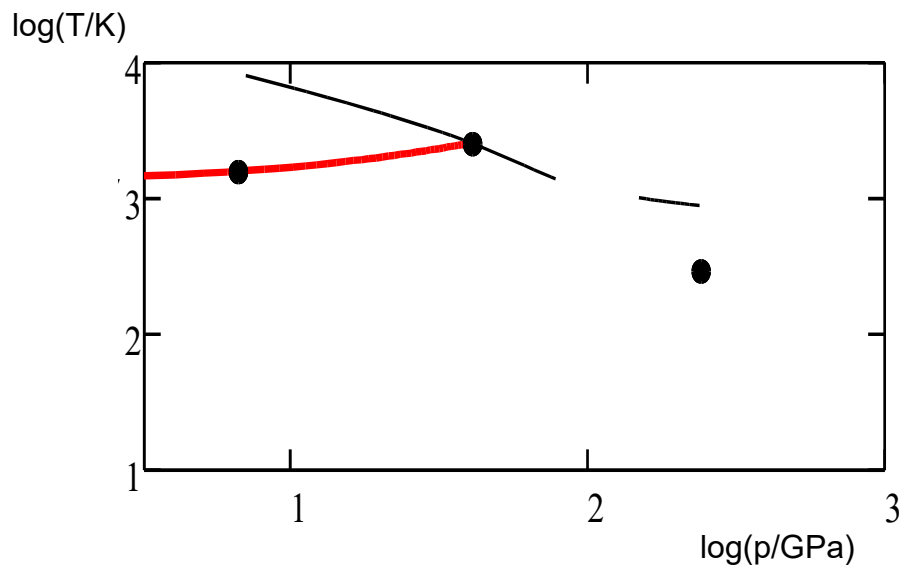
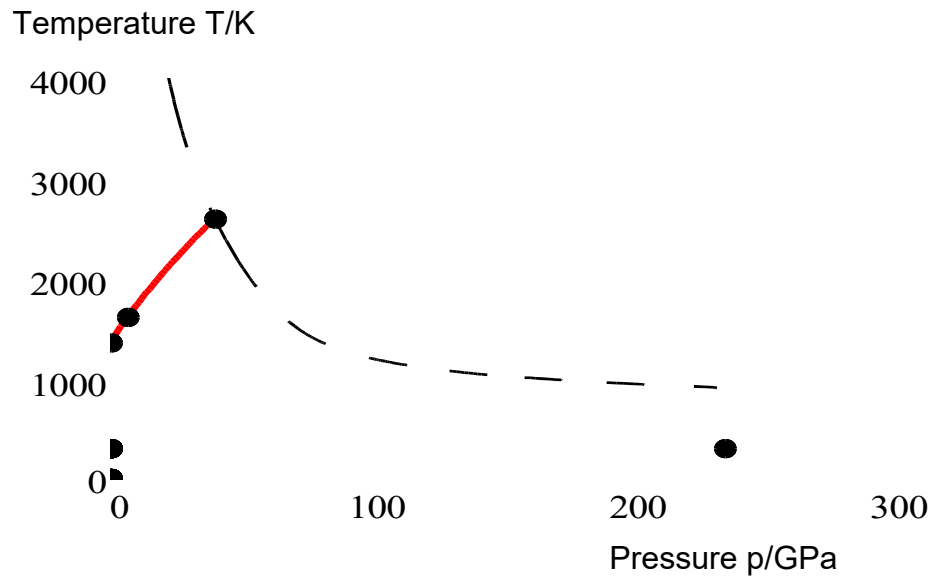
2014-06-25



29 Cu

cF4----->236GPa

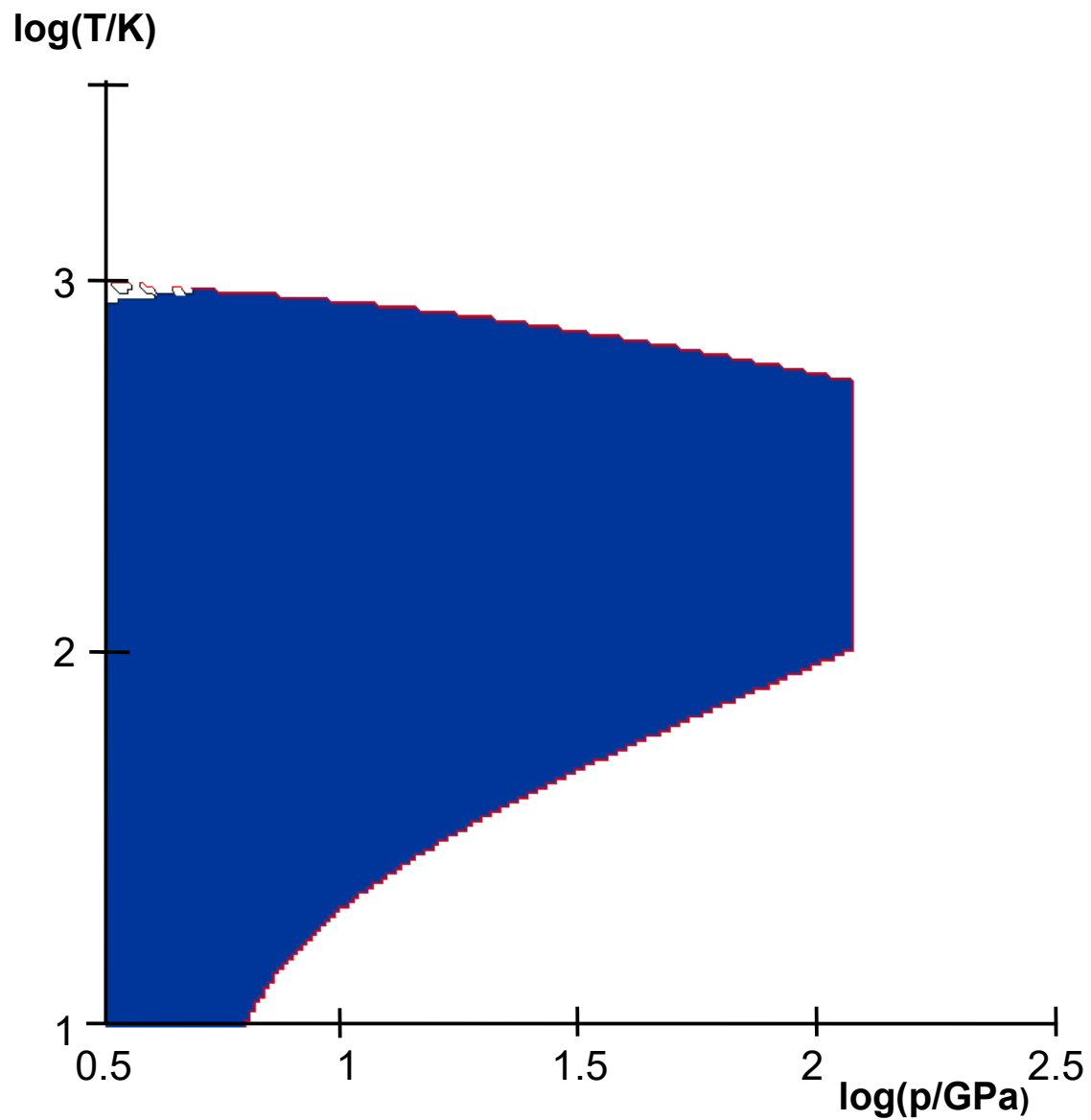
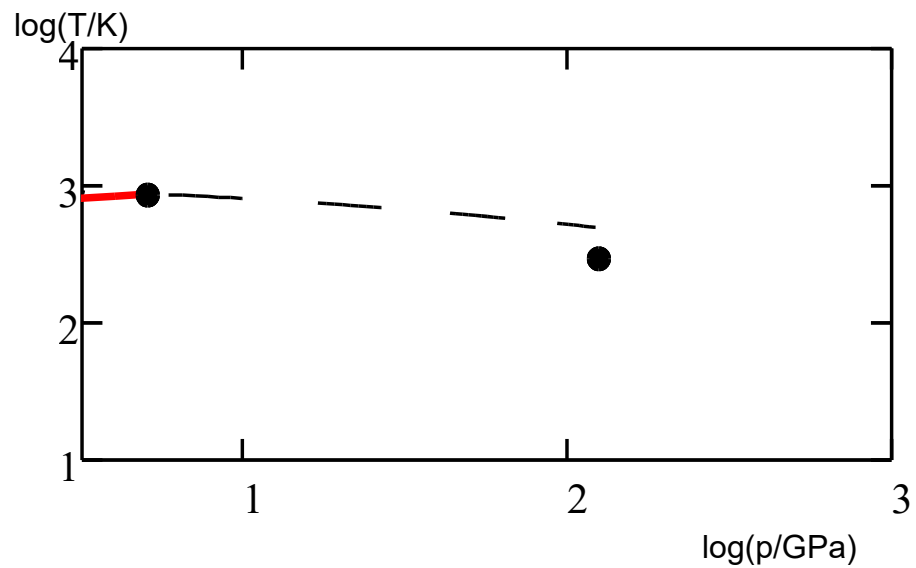
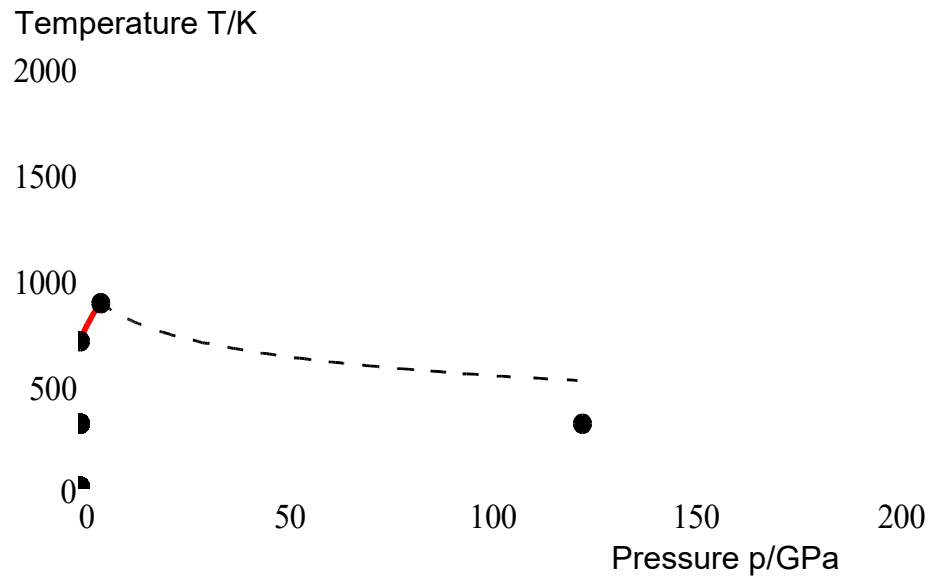
2014-06-25



30 Zn

hP2----->126GPa

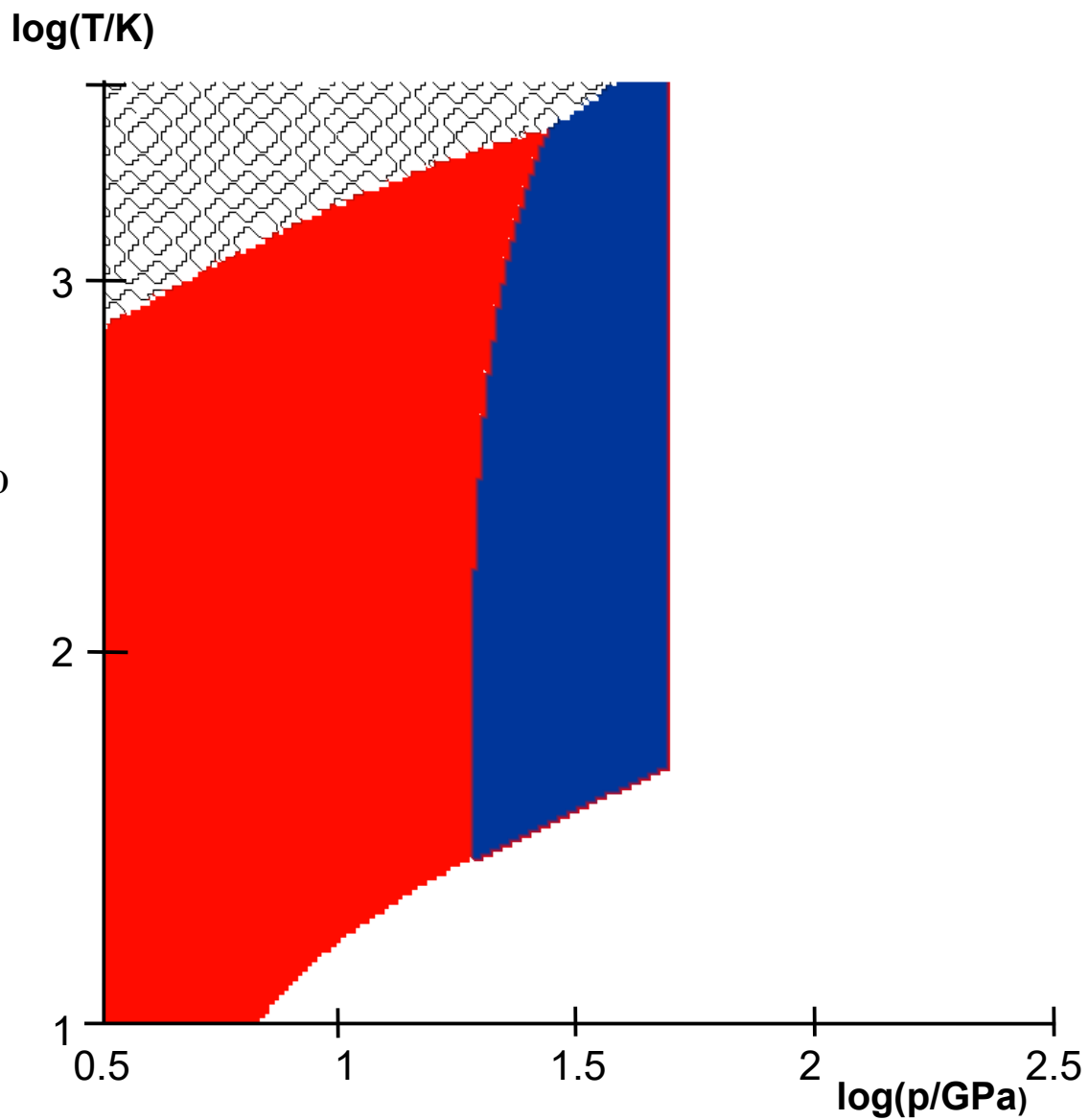
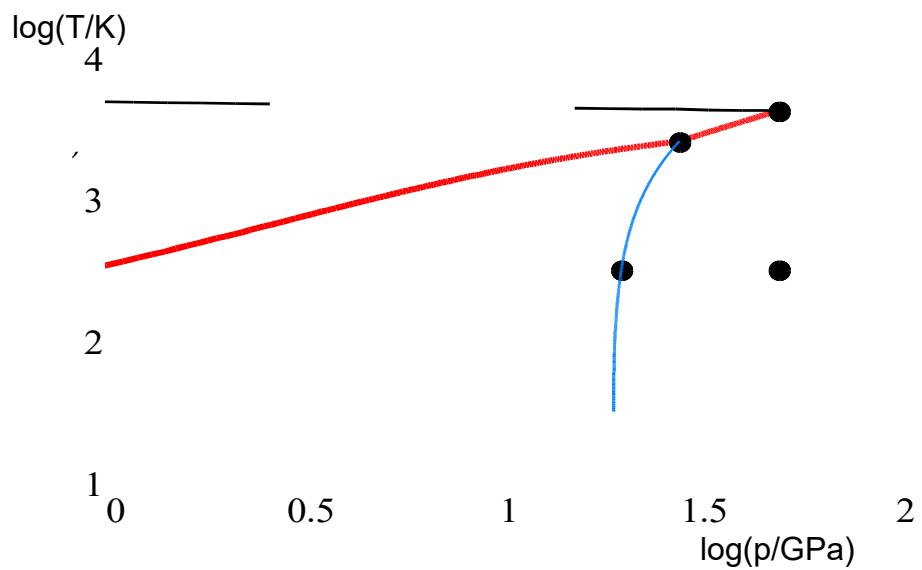
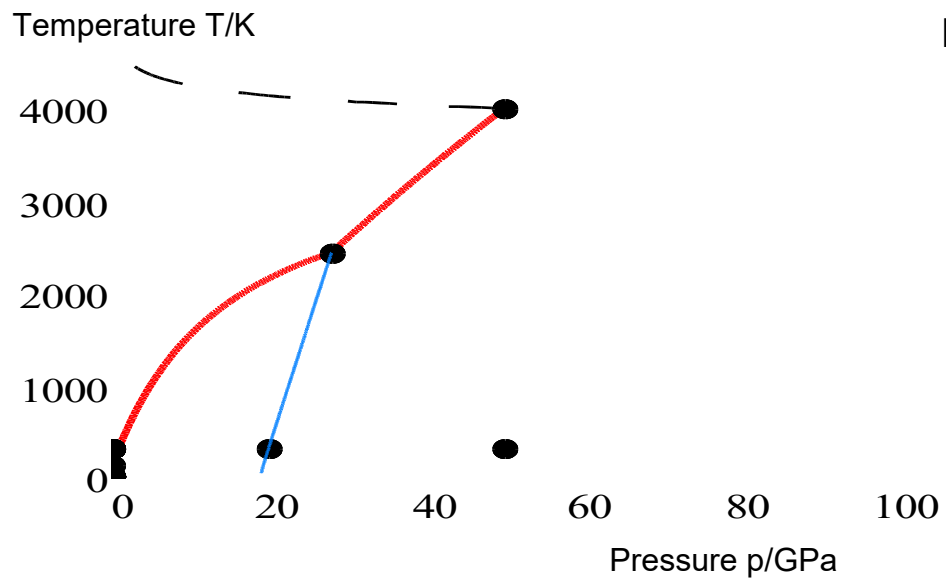
2014-06-25



36 Kr

gas-----cF4-----cP2----->50GPa
ptr/GPa 0.93 20

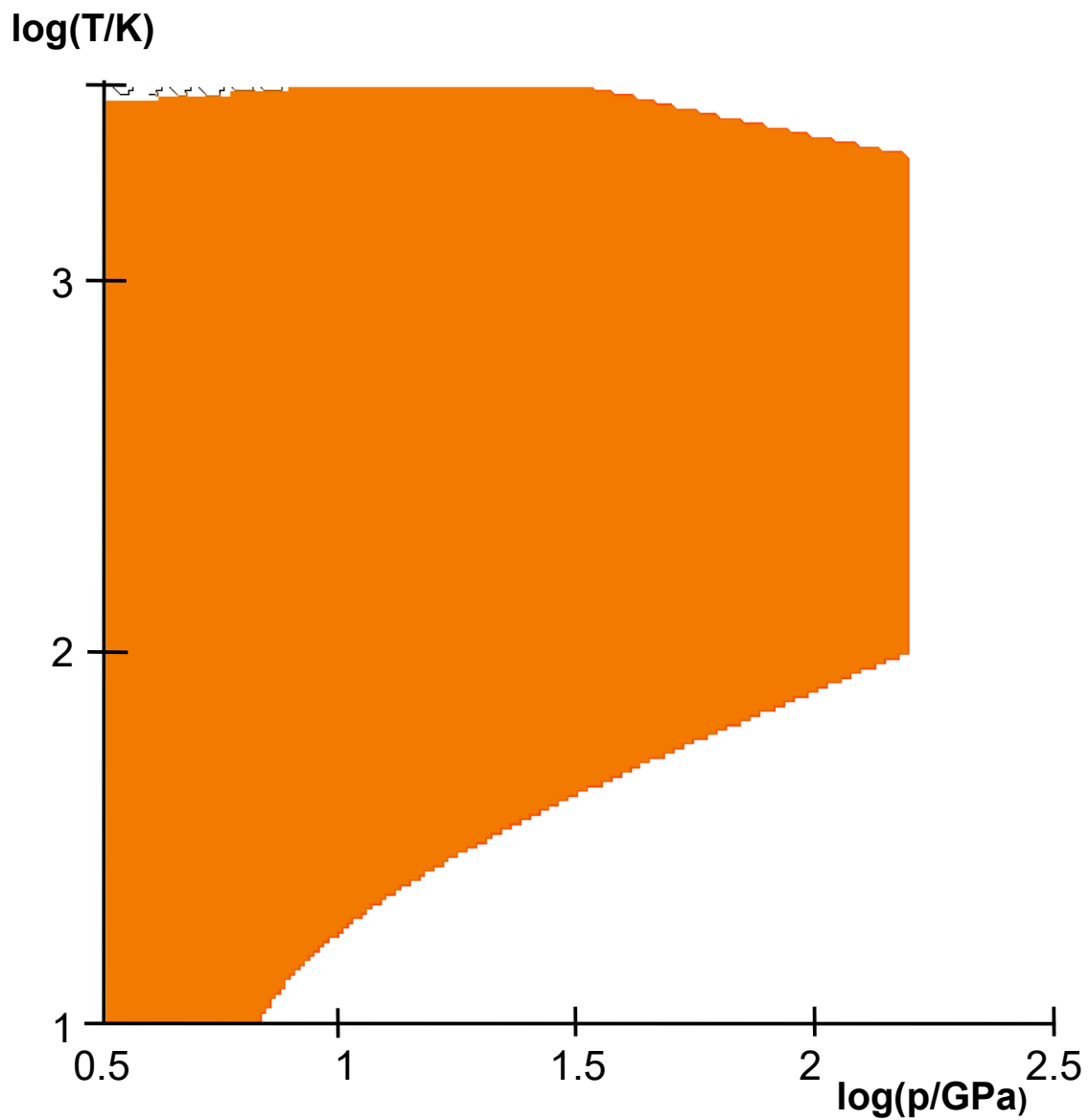
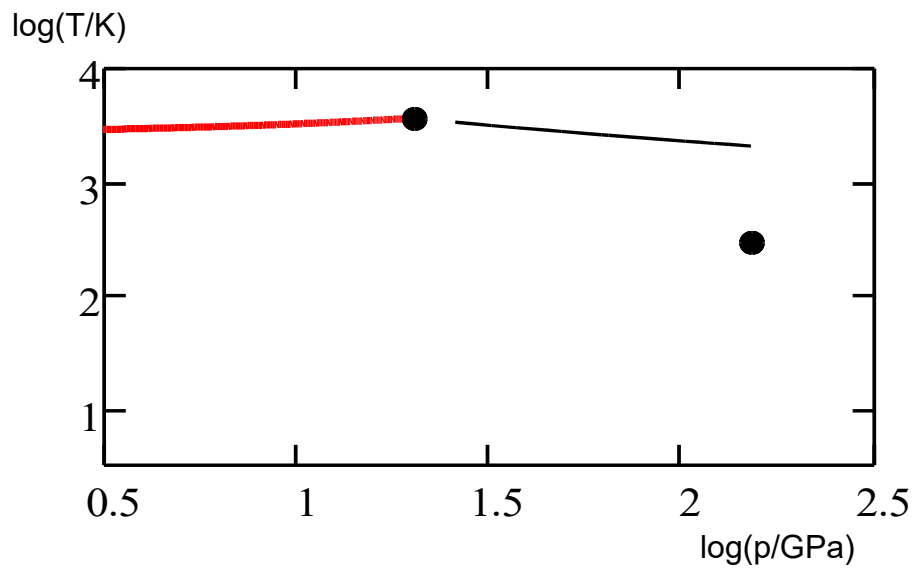
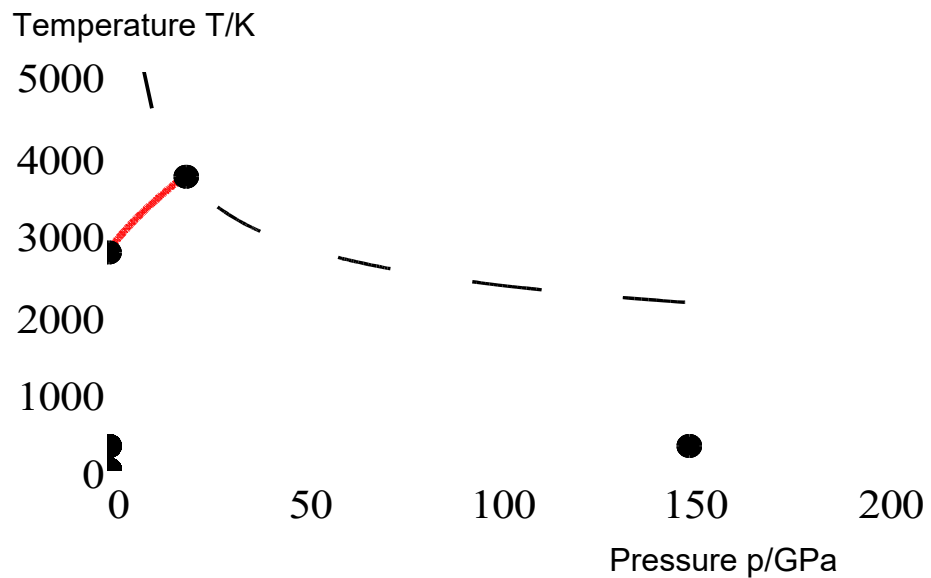
2014-06-25



41 Nb

cl2----->150GPa

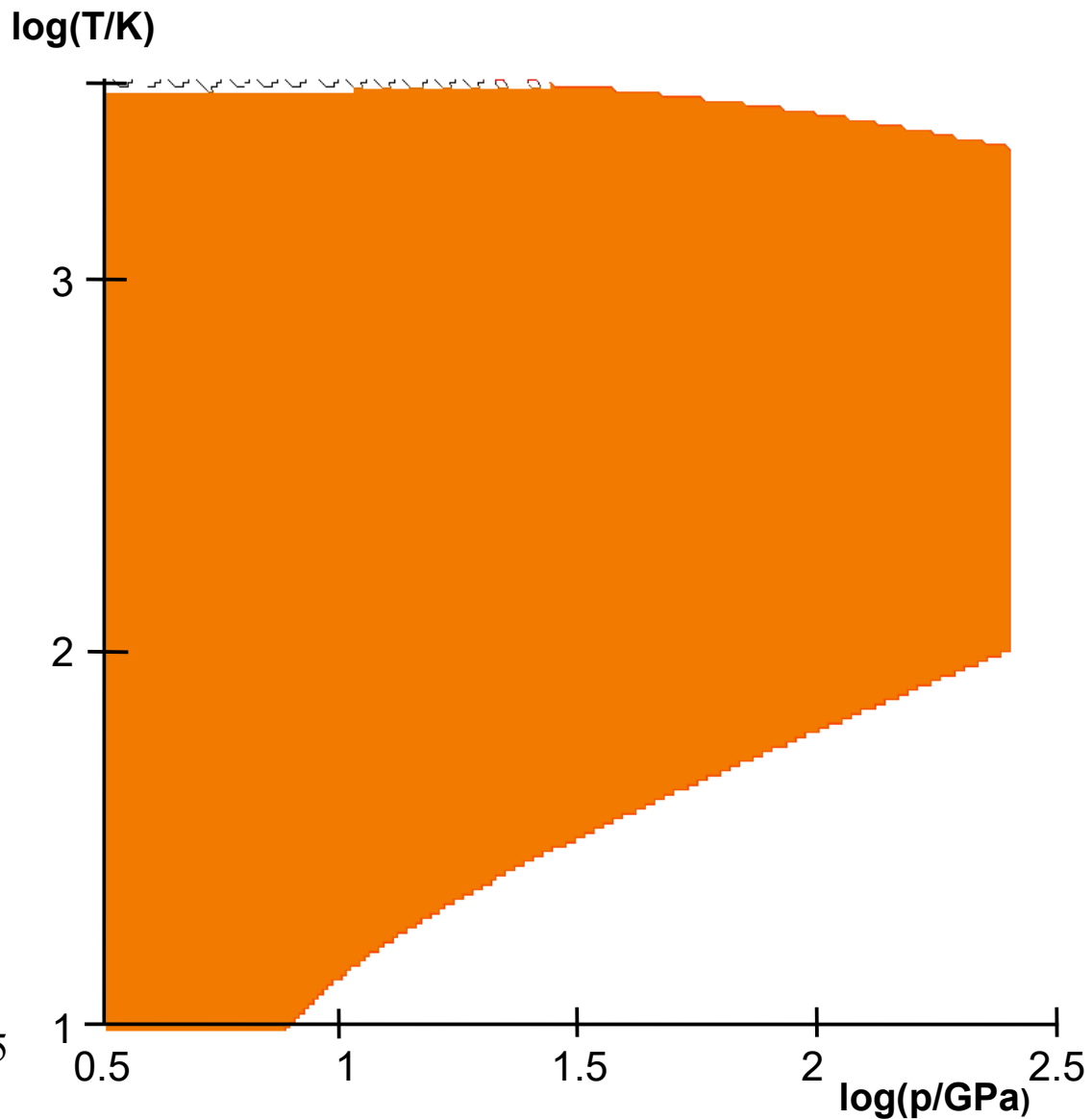
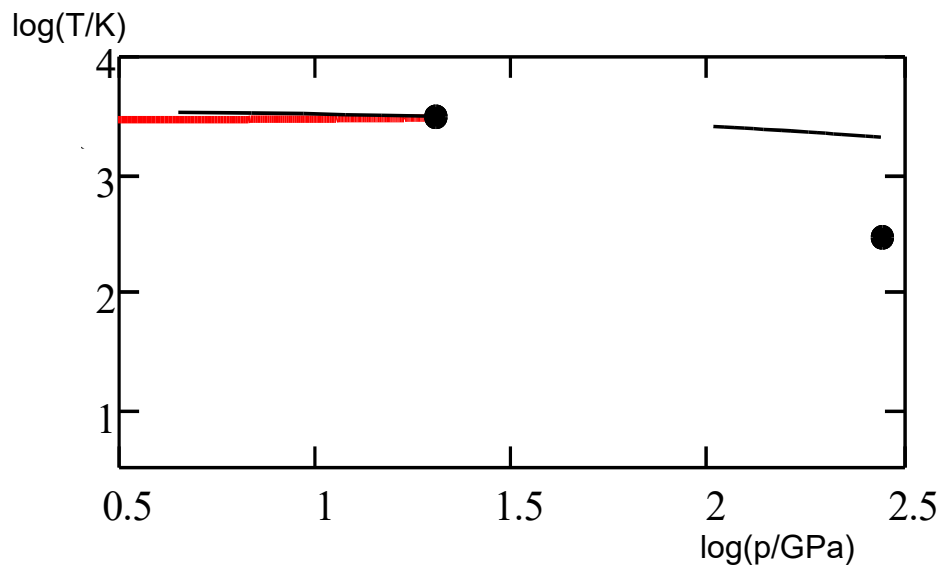
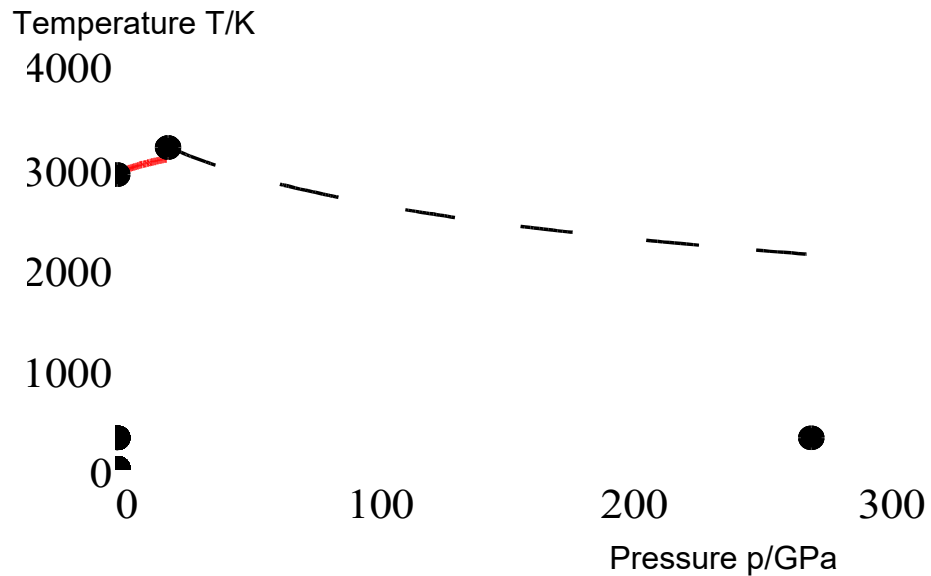
2014-06-25



42 Mo

cl2----->272GPa

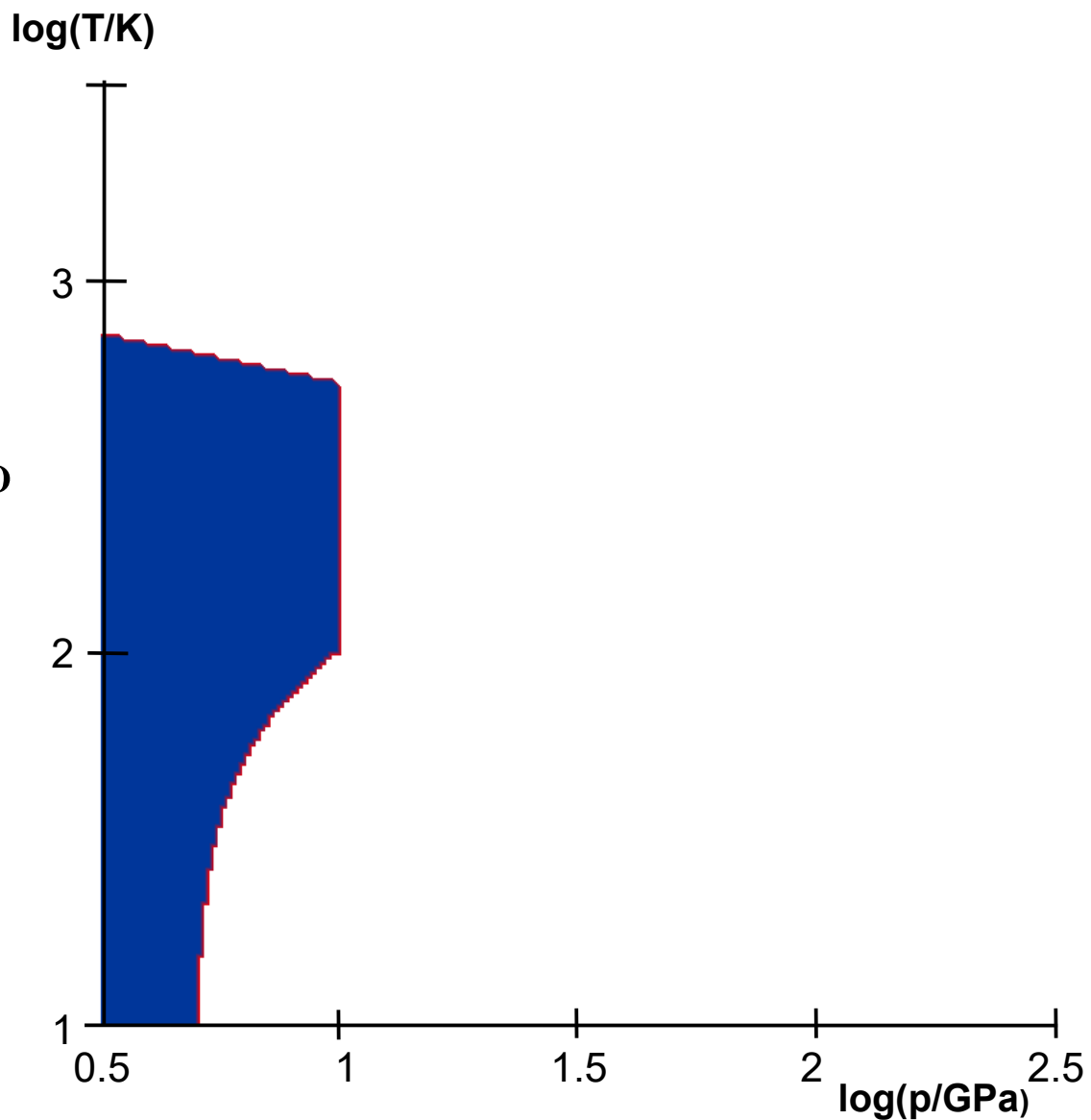
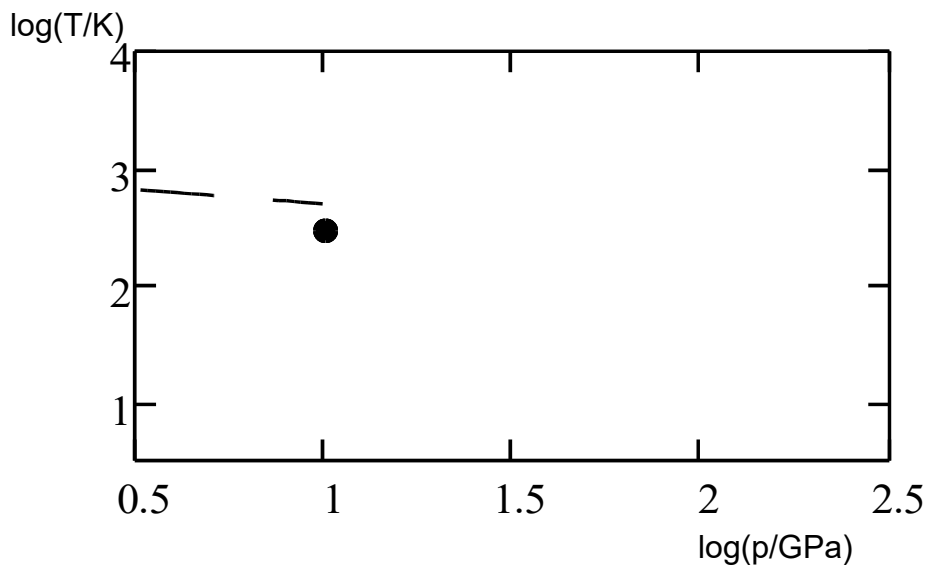
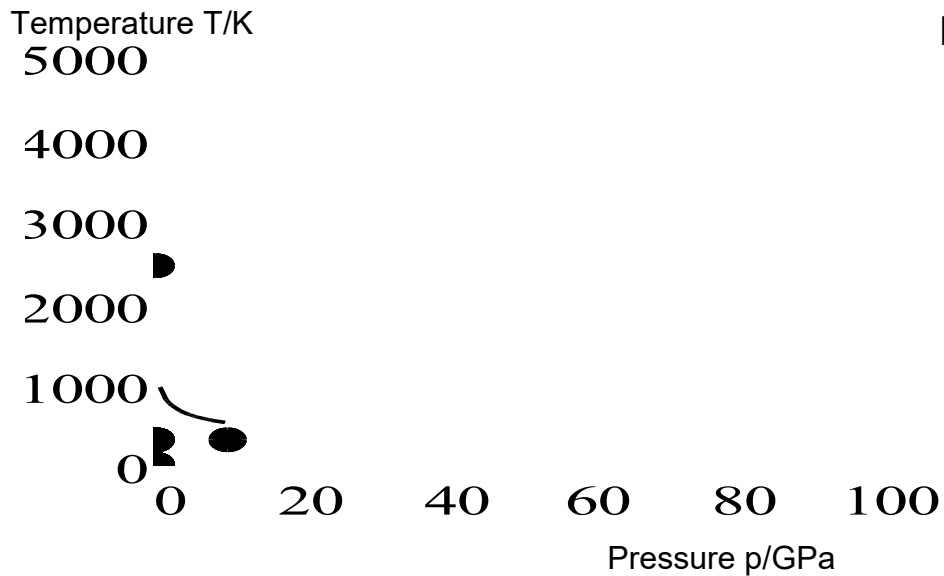
2014-06-25



43 Tc

hP2----->10GPa

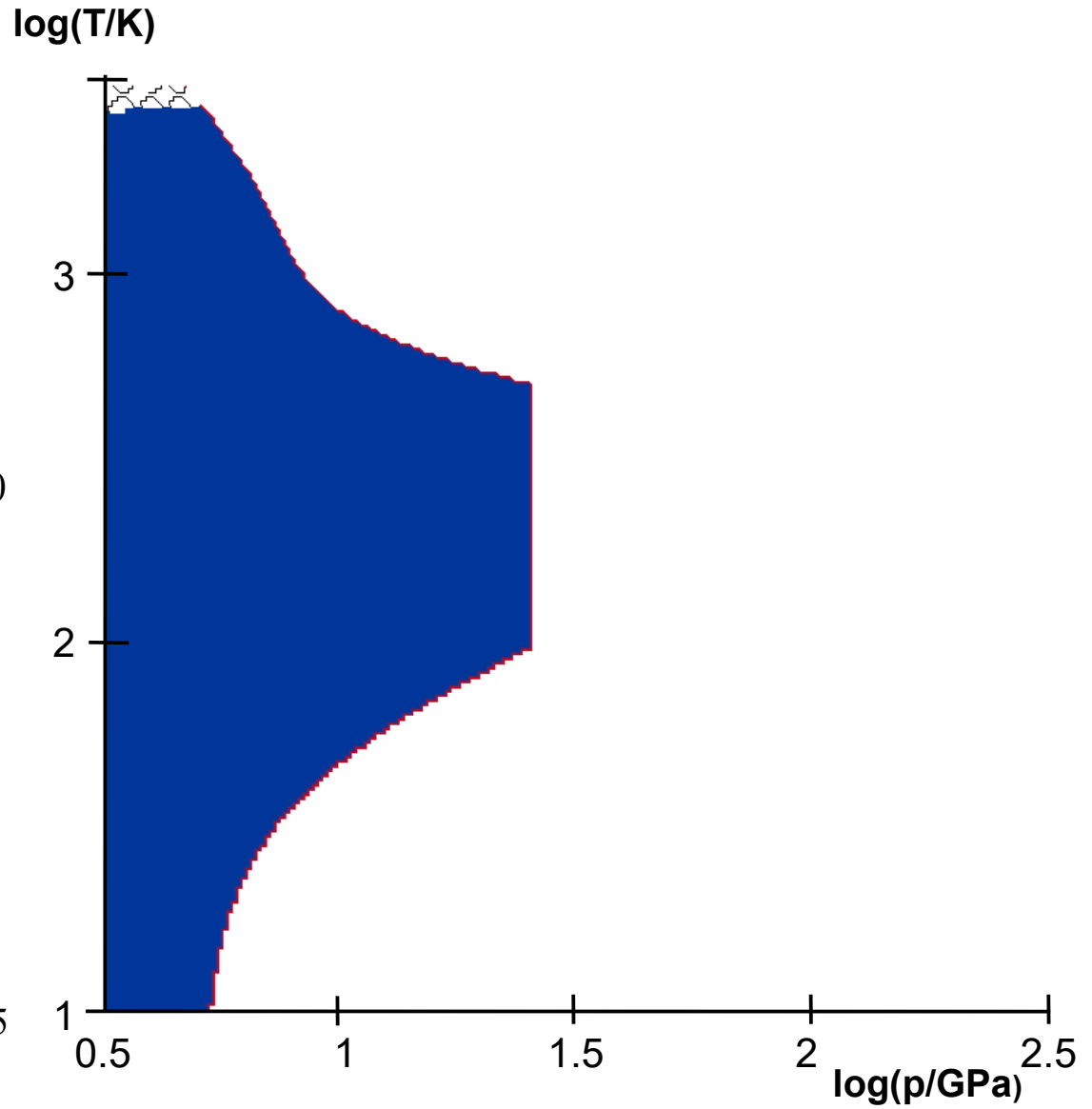
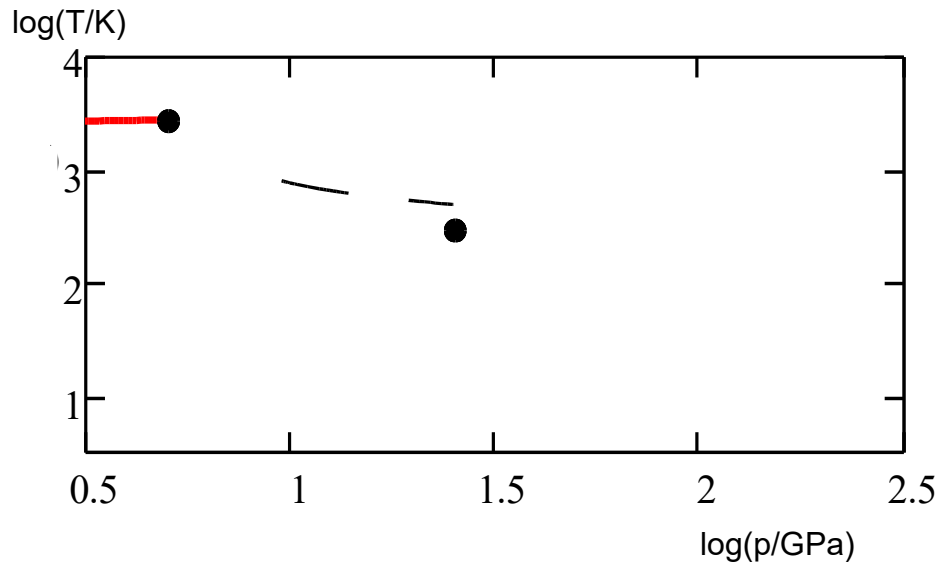
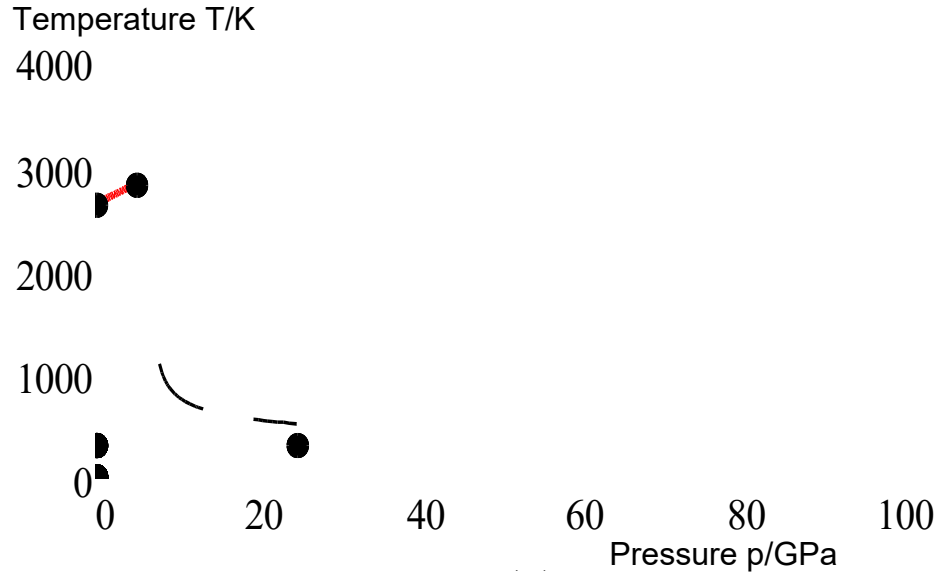
2014-06-25



44 Ru

hP2----->25GPa

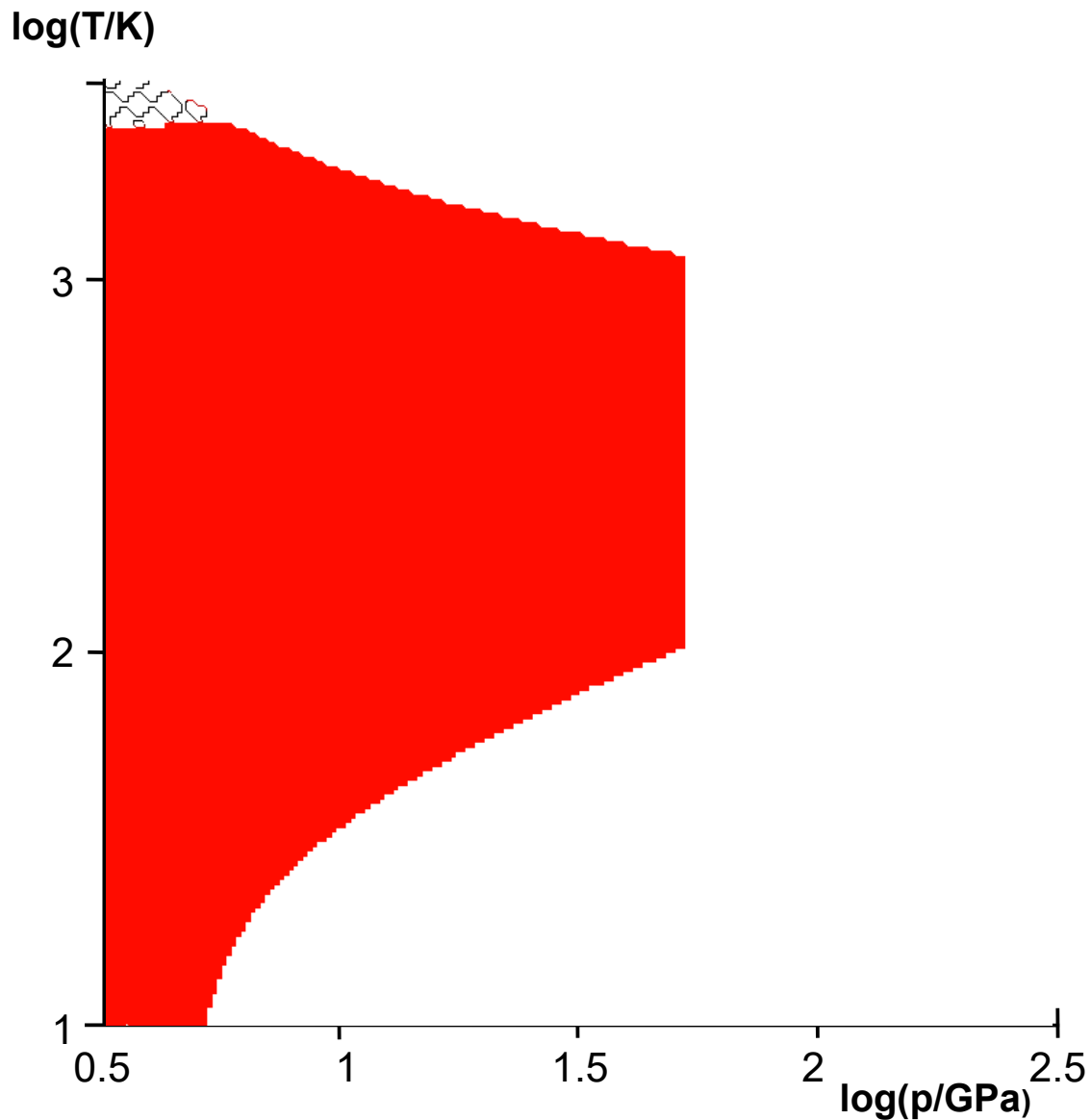
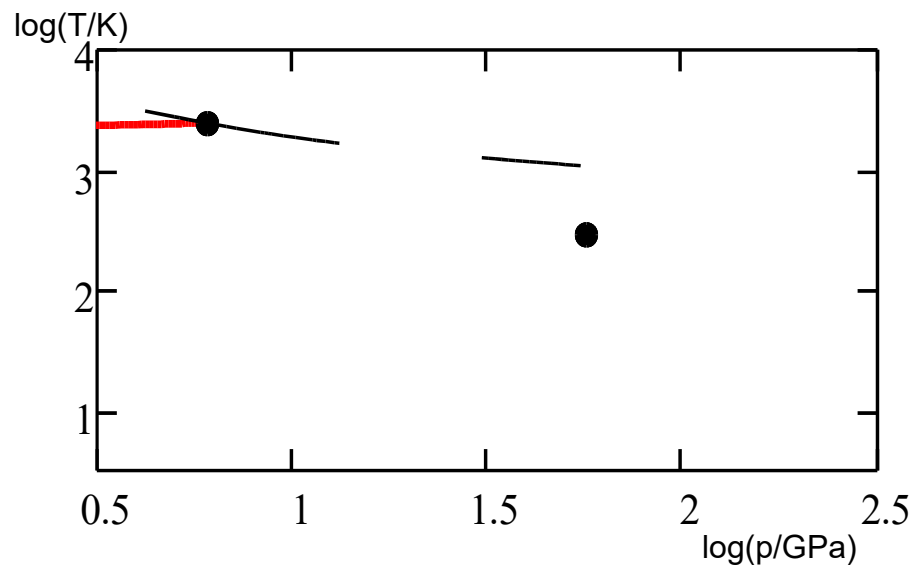
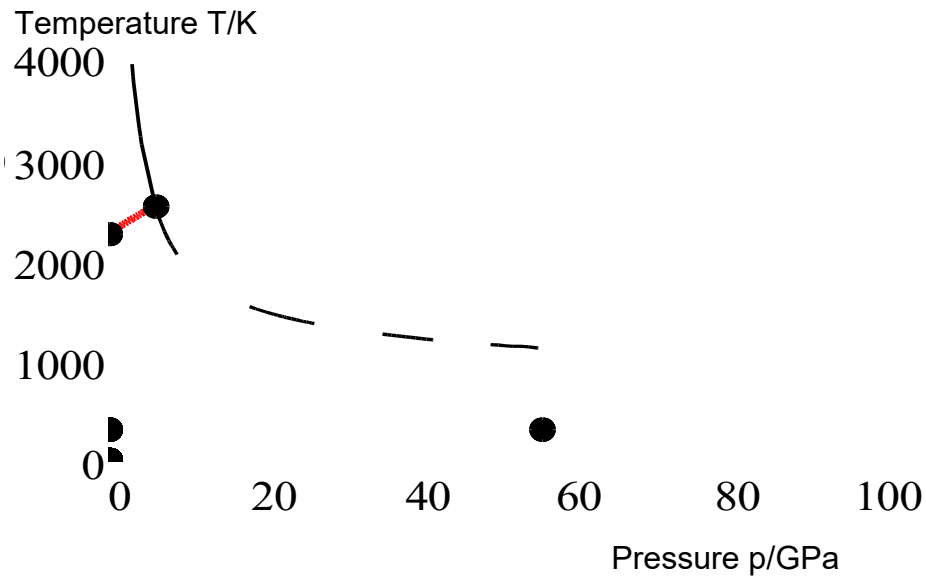
2014-06-25



45 Rh

cl2----->56GPa

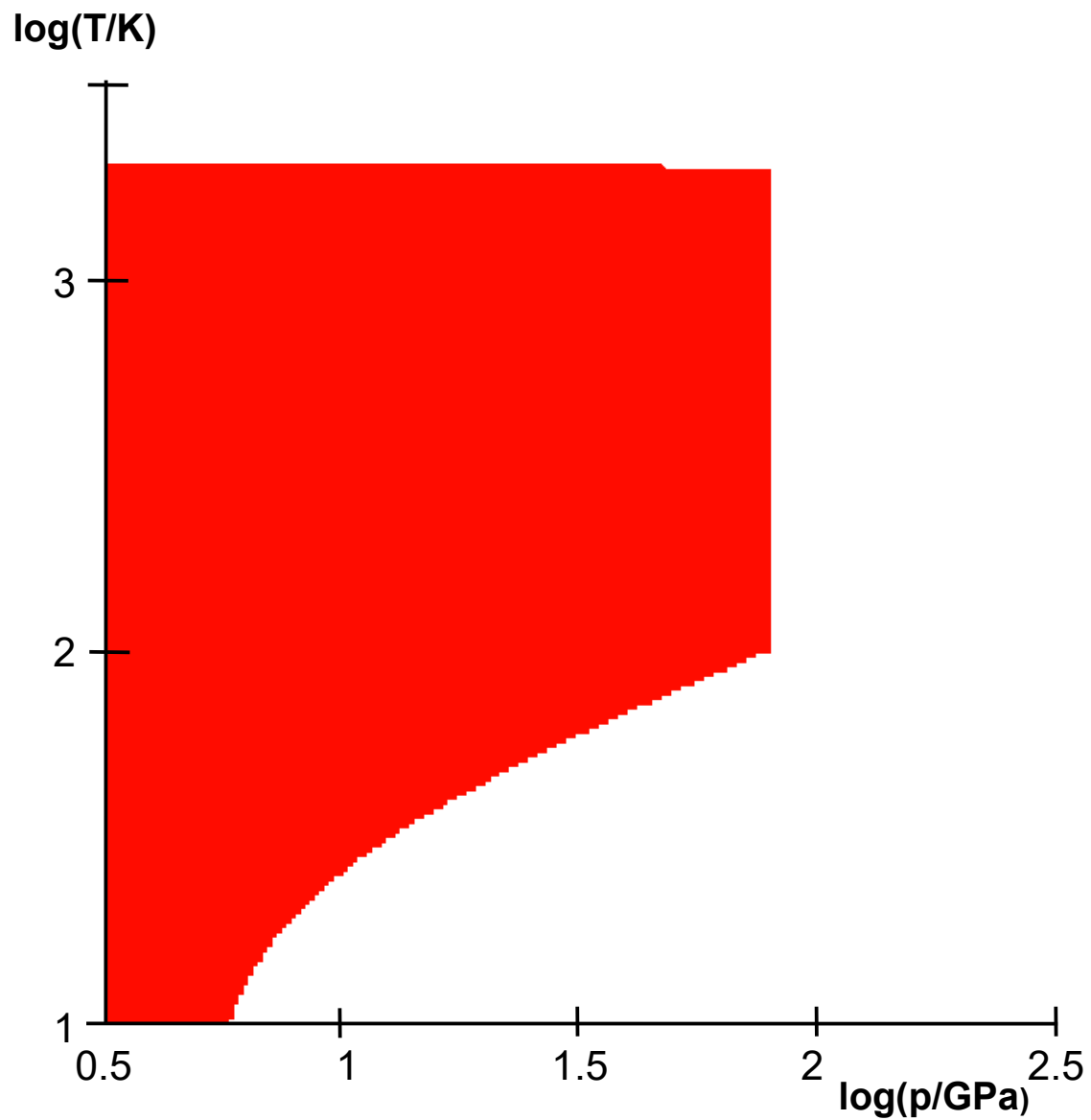
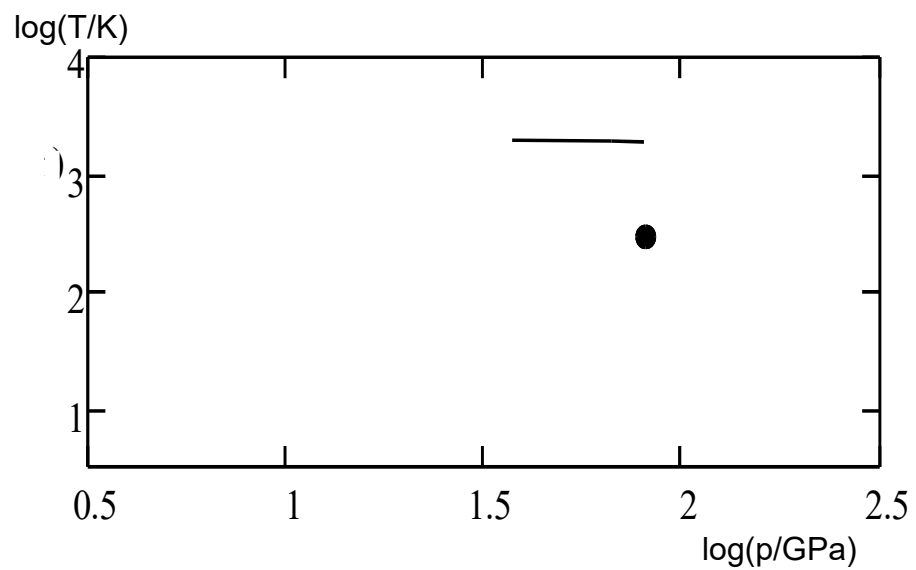
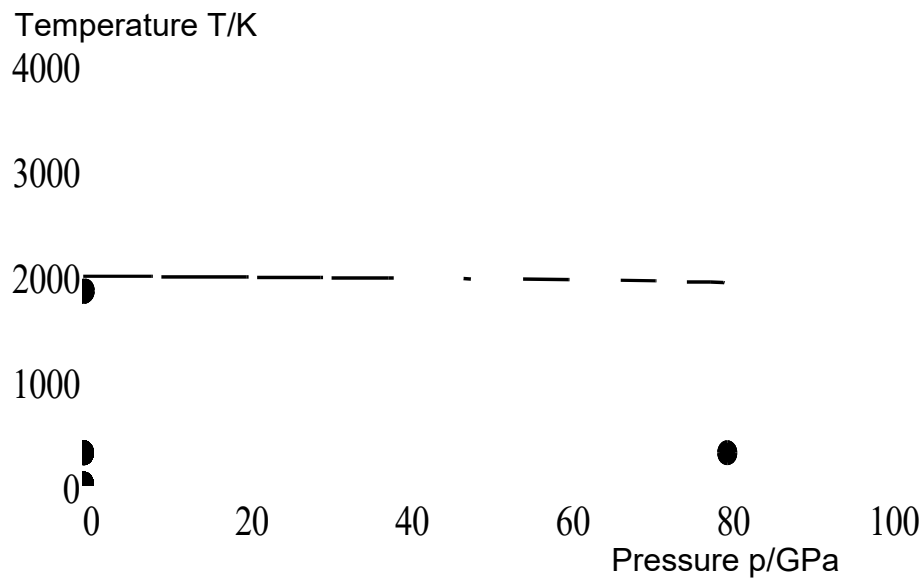
2014-06-25



46 Pd

cF4----->80GPa

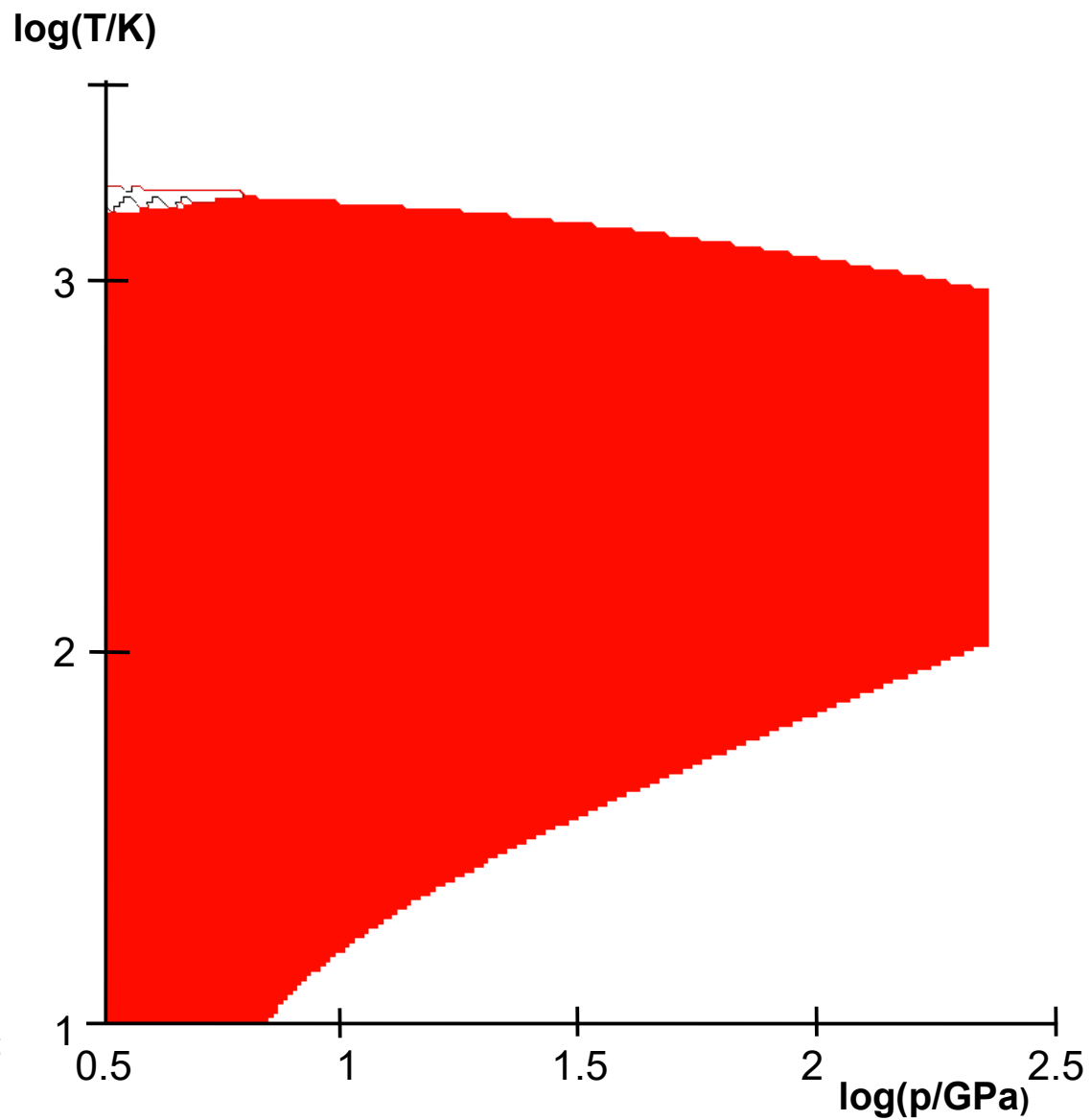
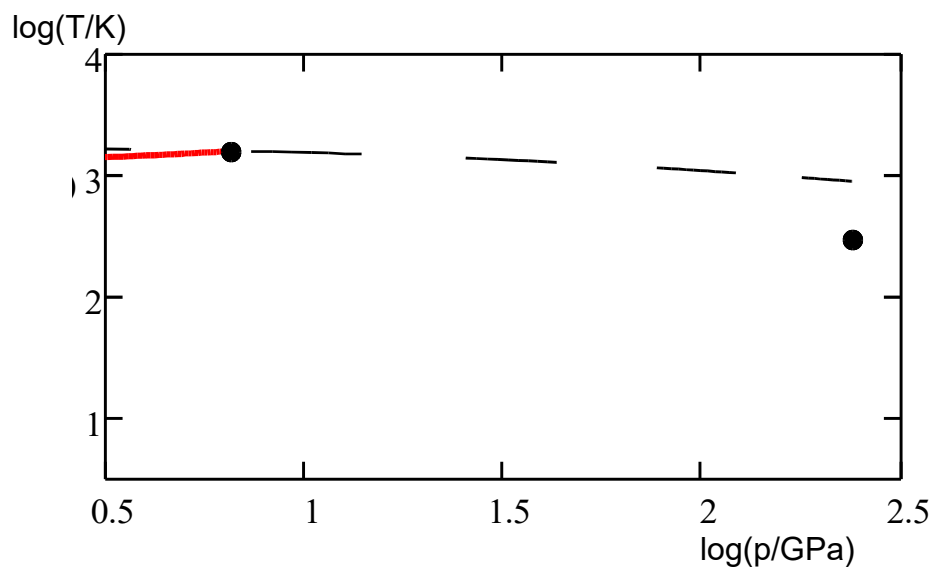
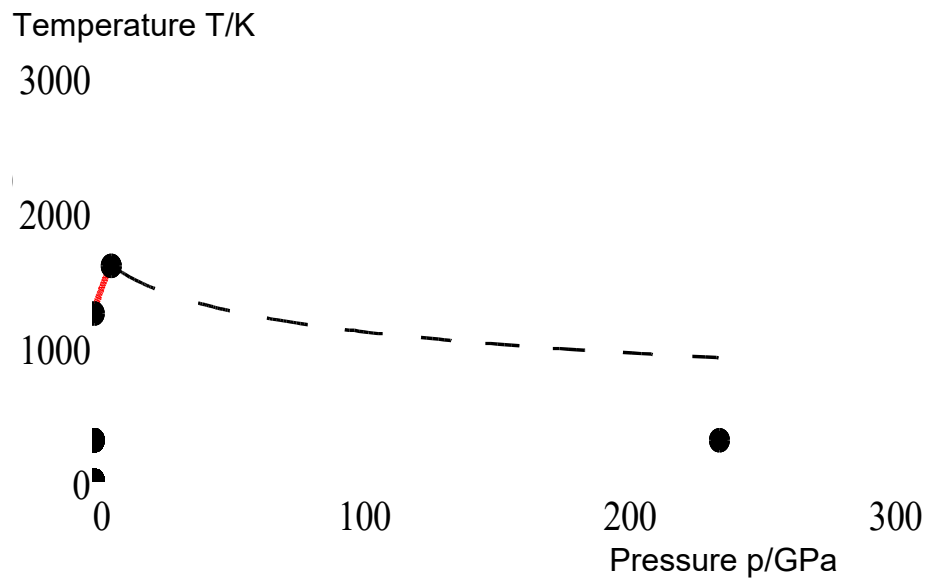
2014-06-25



47 Ag

cF4----->236GPa

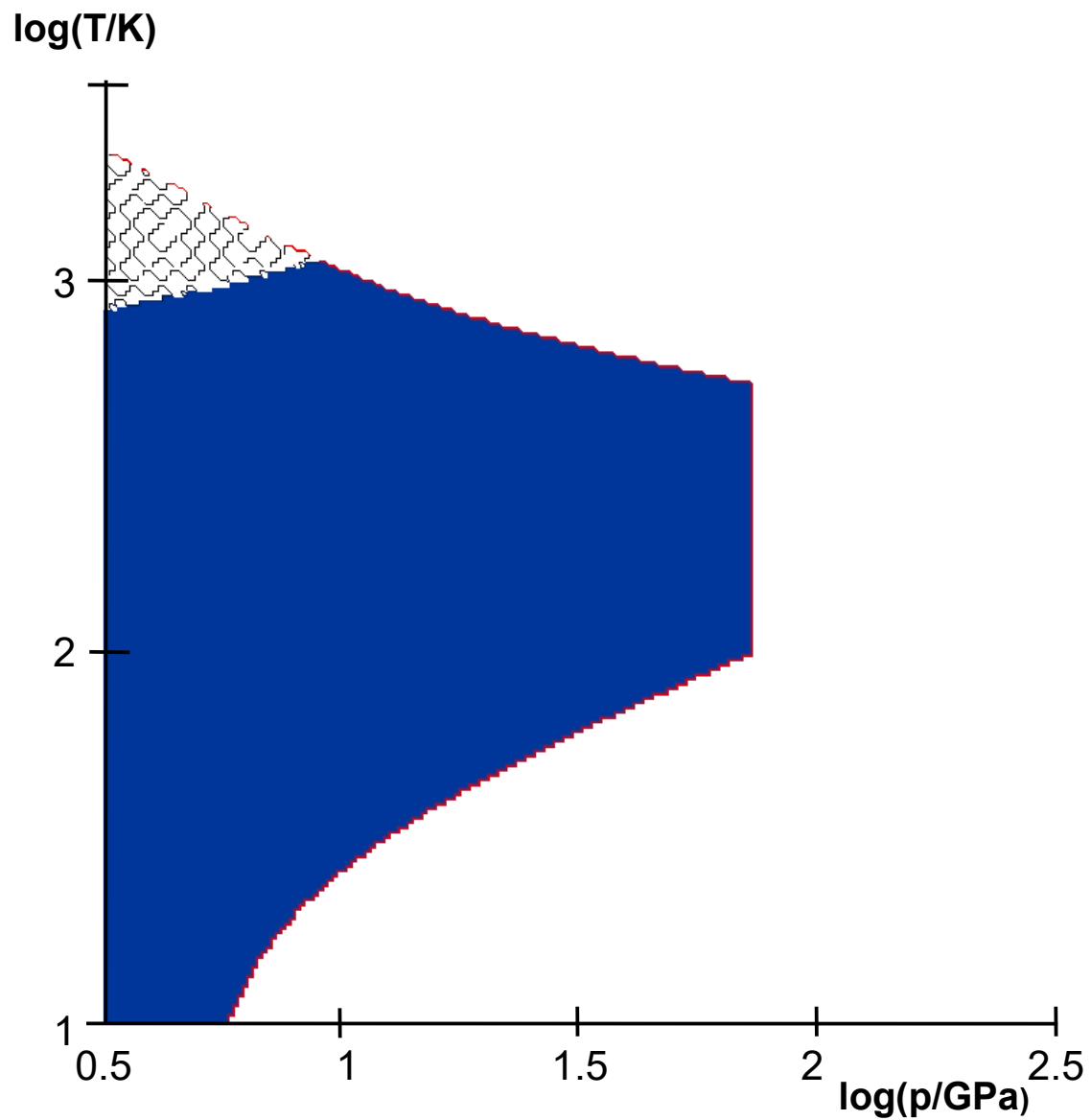
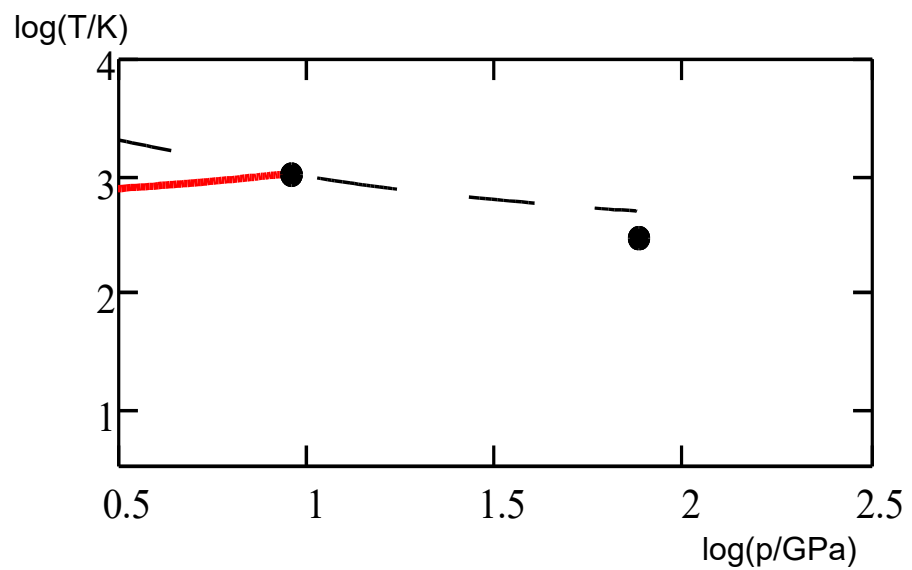
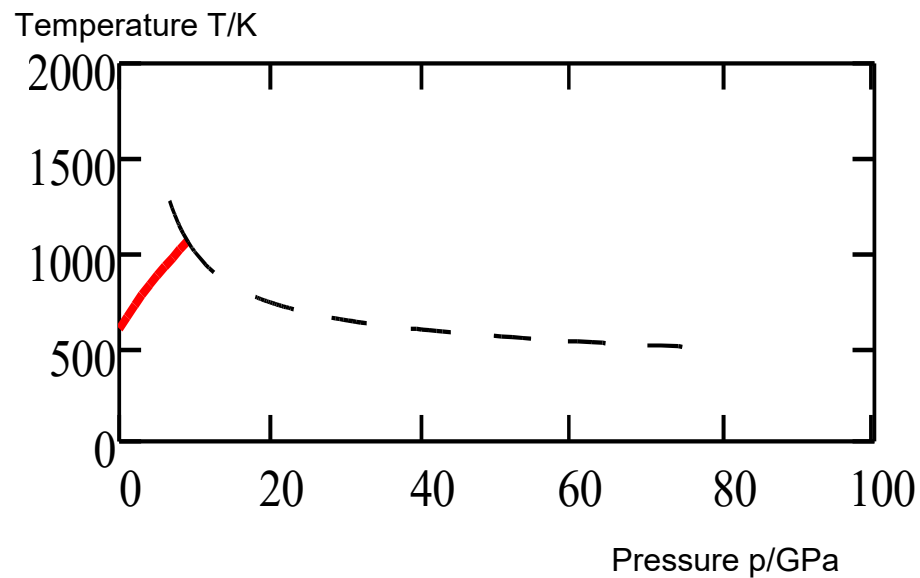
2014-06-25



48 Cd

hP2----->75GPa

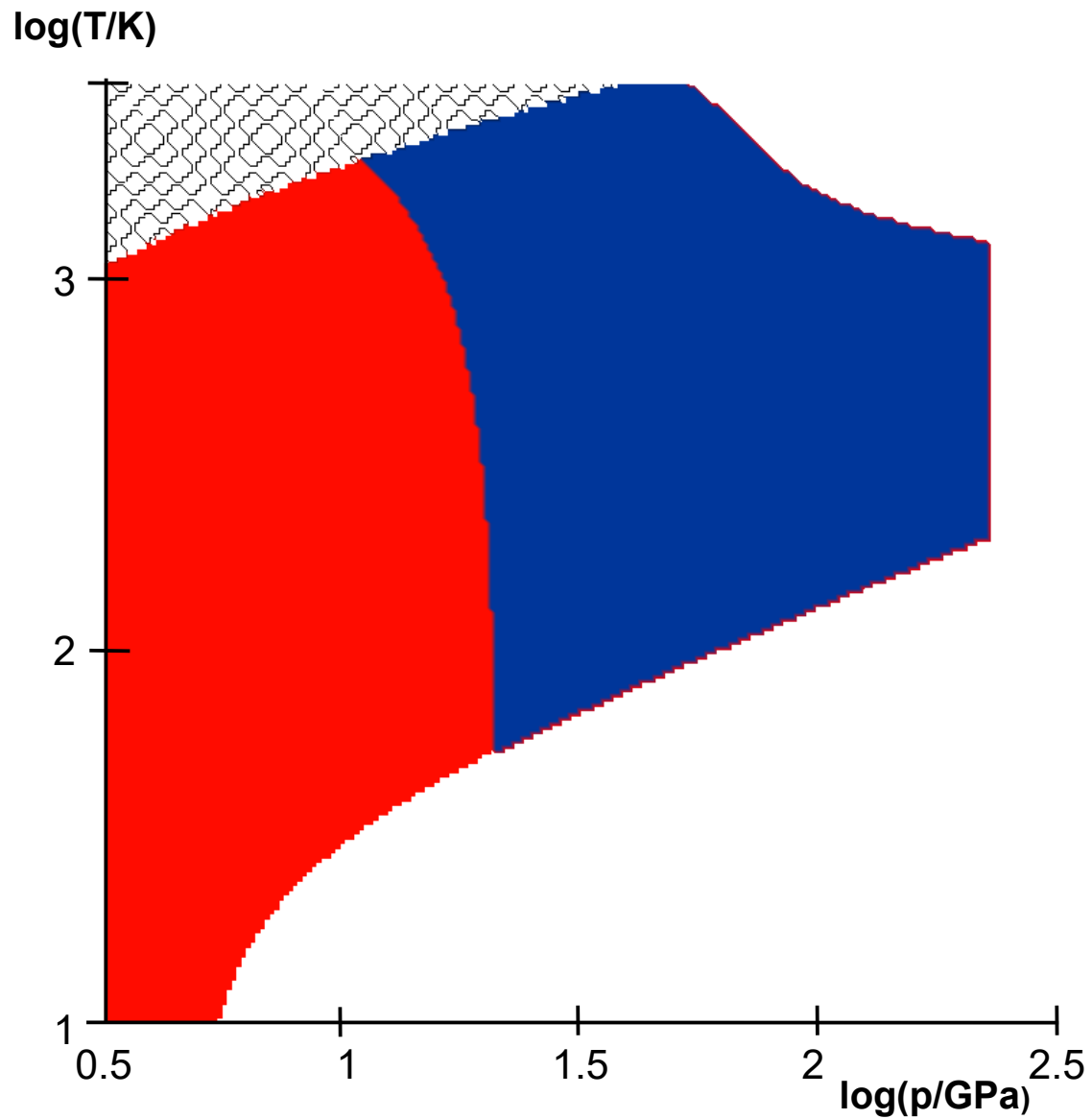
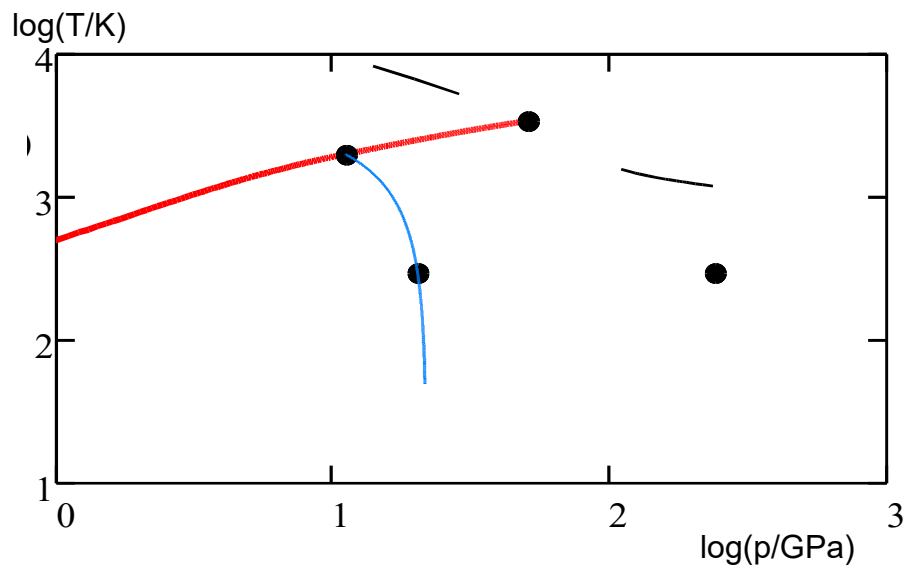
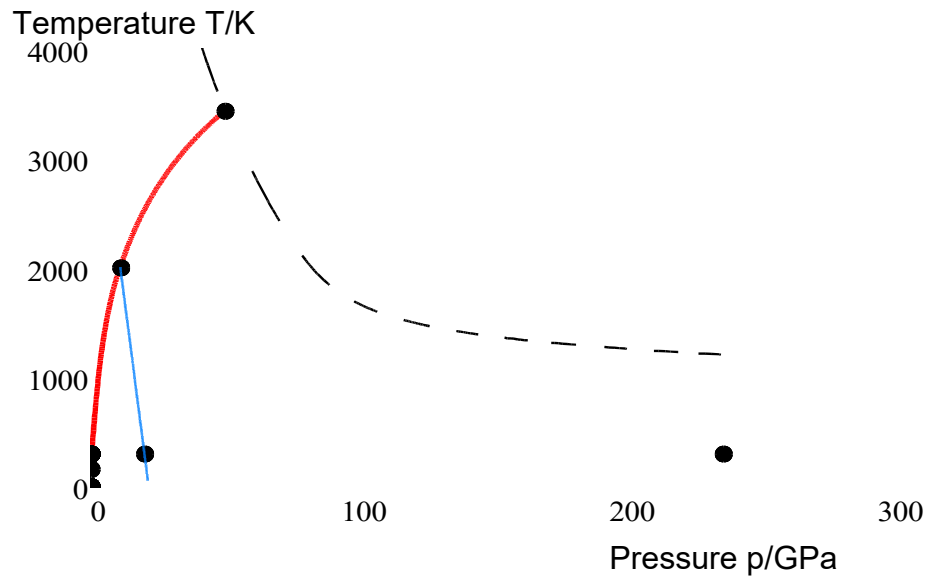
2014-06-25



54 Xe

gas-----cF4-----cP2----->236GPa
ptr/GPa 0.69 20

2014-06-25



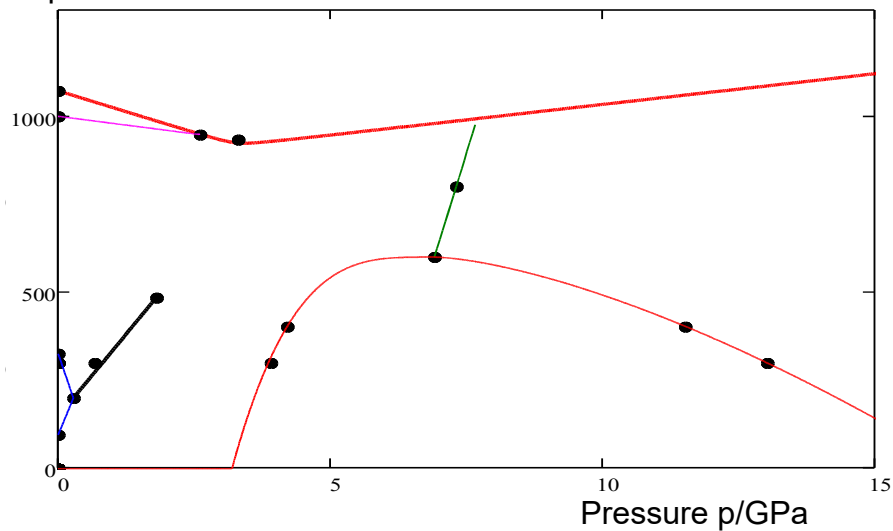
58 Ce

2014-06-22

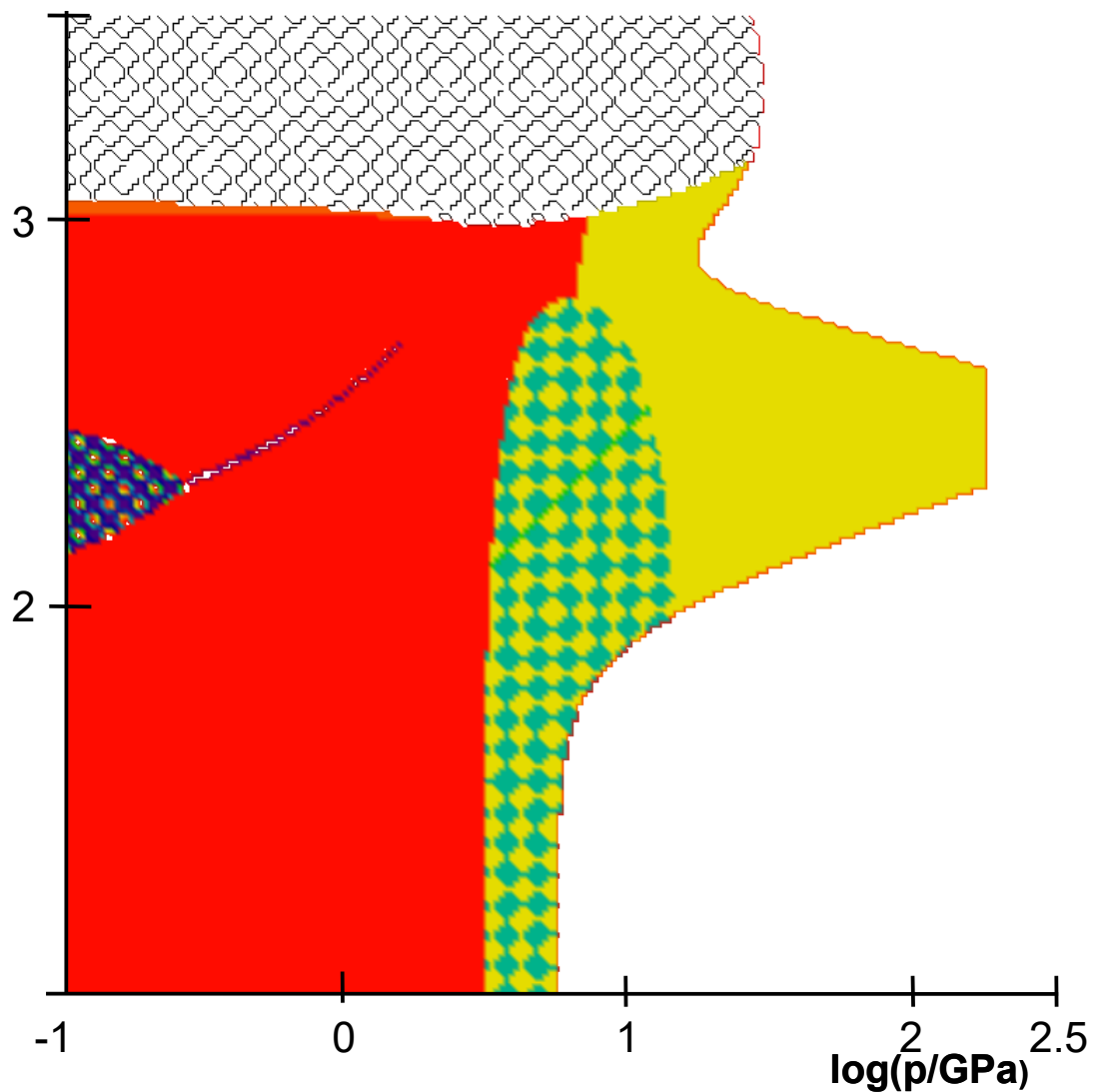
hP4---cF4---cF4---oC4---tI2--->208GPa
ptr/GPa 0.2 0.67 3.9 13

cl2HT

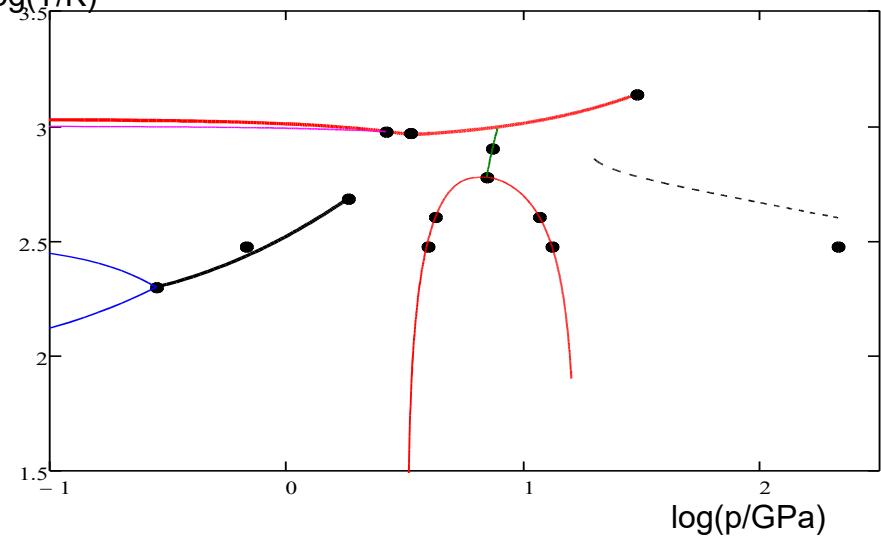
Temperature T/K



log(T/K)



log(T/K)

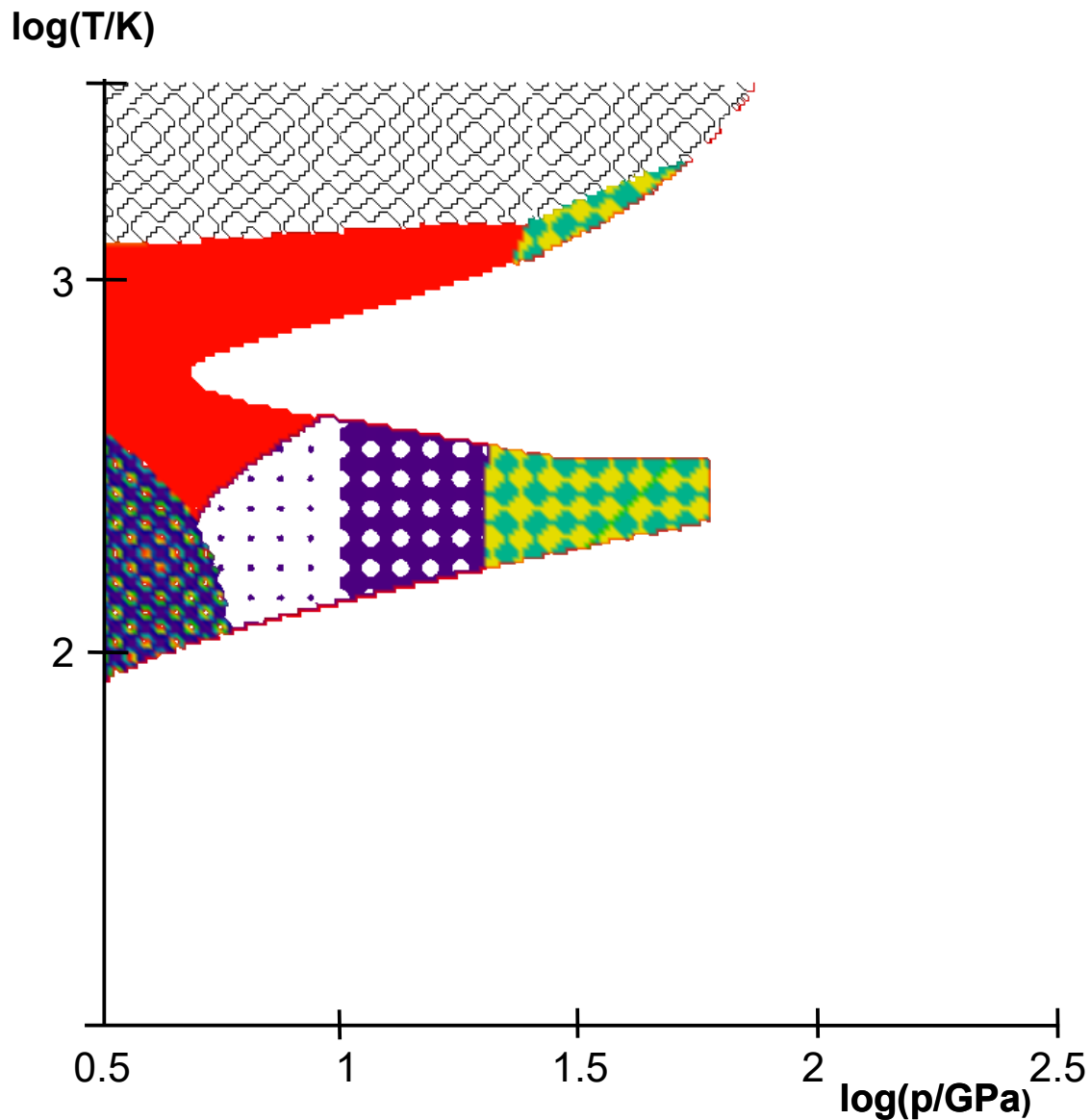
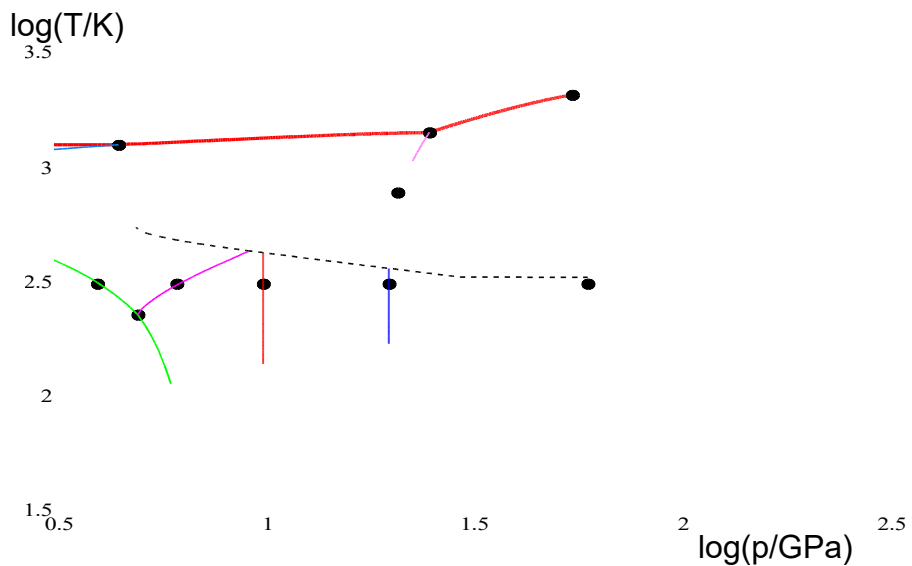
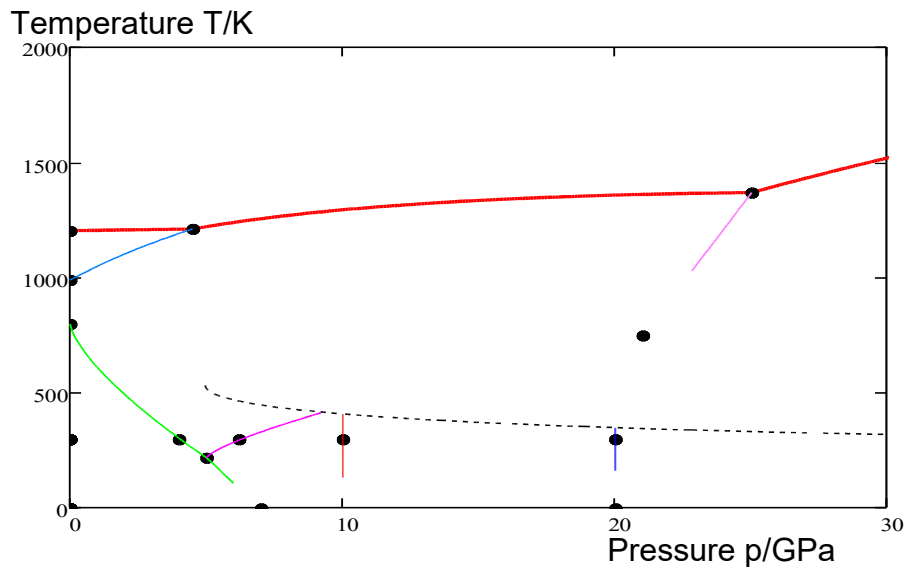


59 Pr

2014-06-22

hP4---cF4---hR8---???---oC4--->60GPa
ptr/GPa 4 6.2 10 20

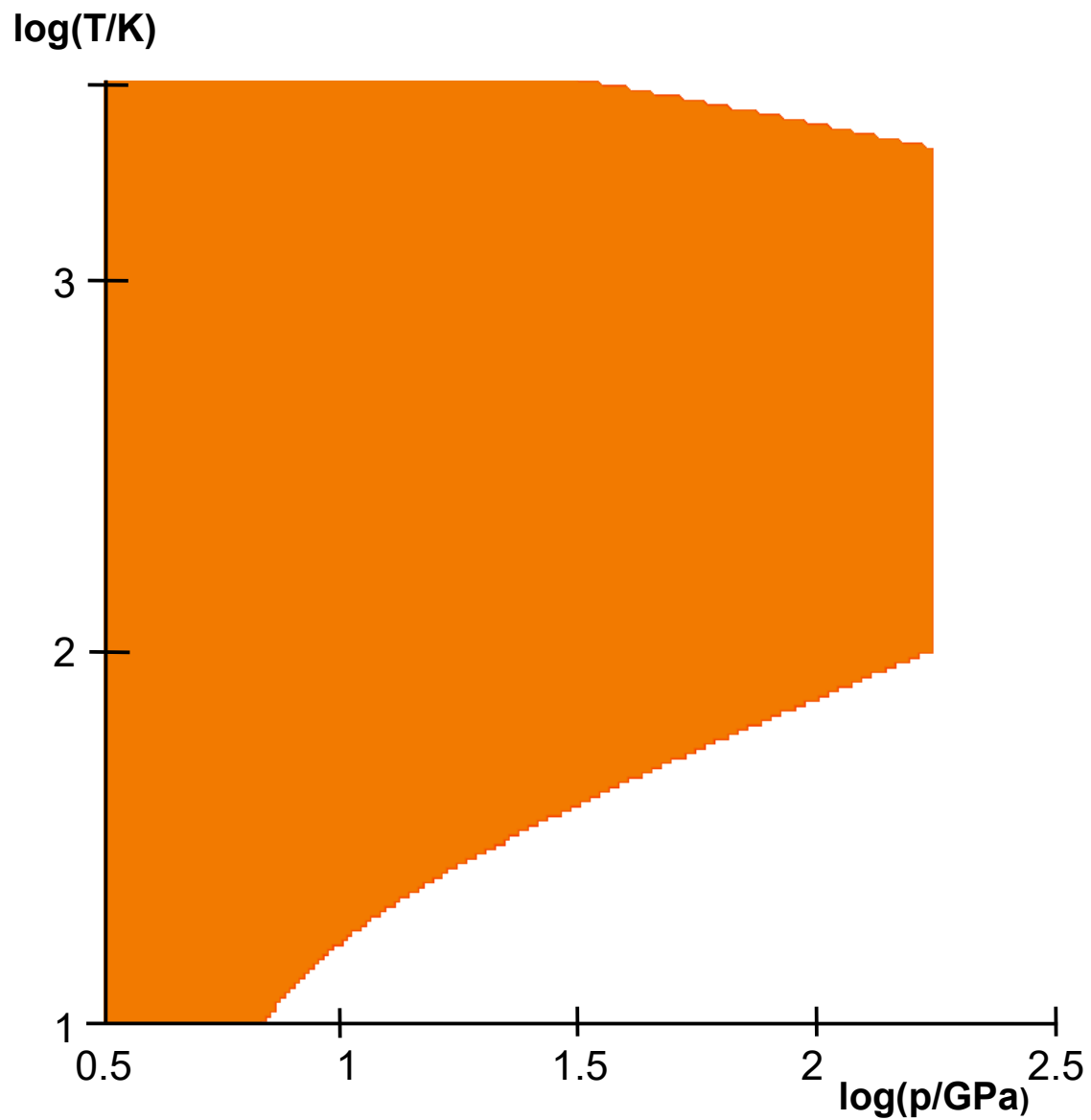
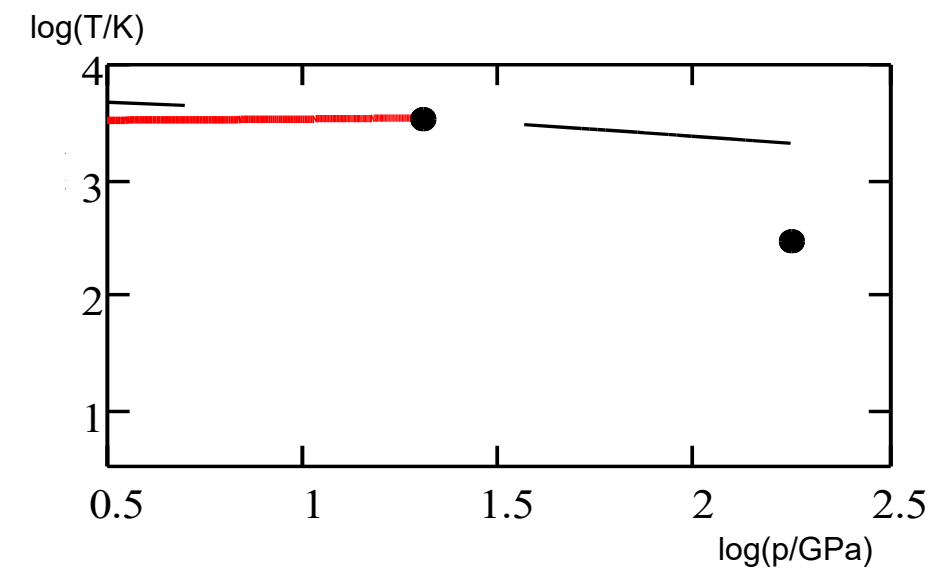
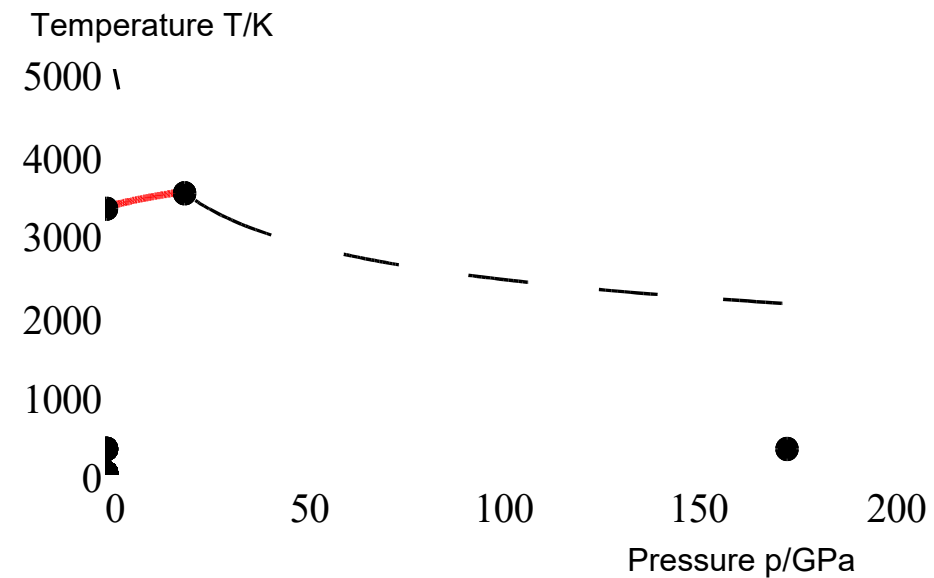
cl2HT



73 Ta

cl2----->174GPa

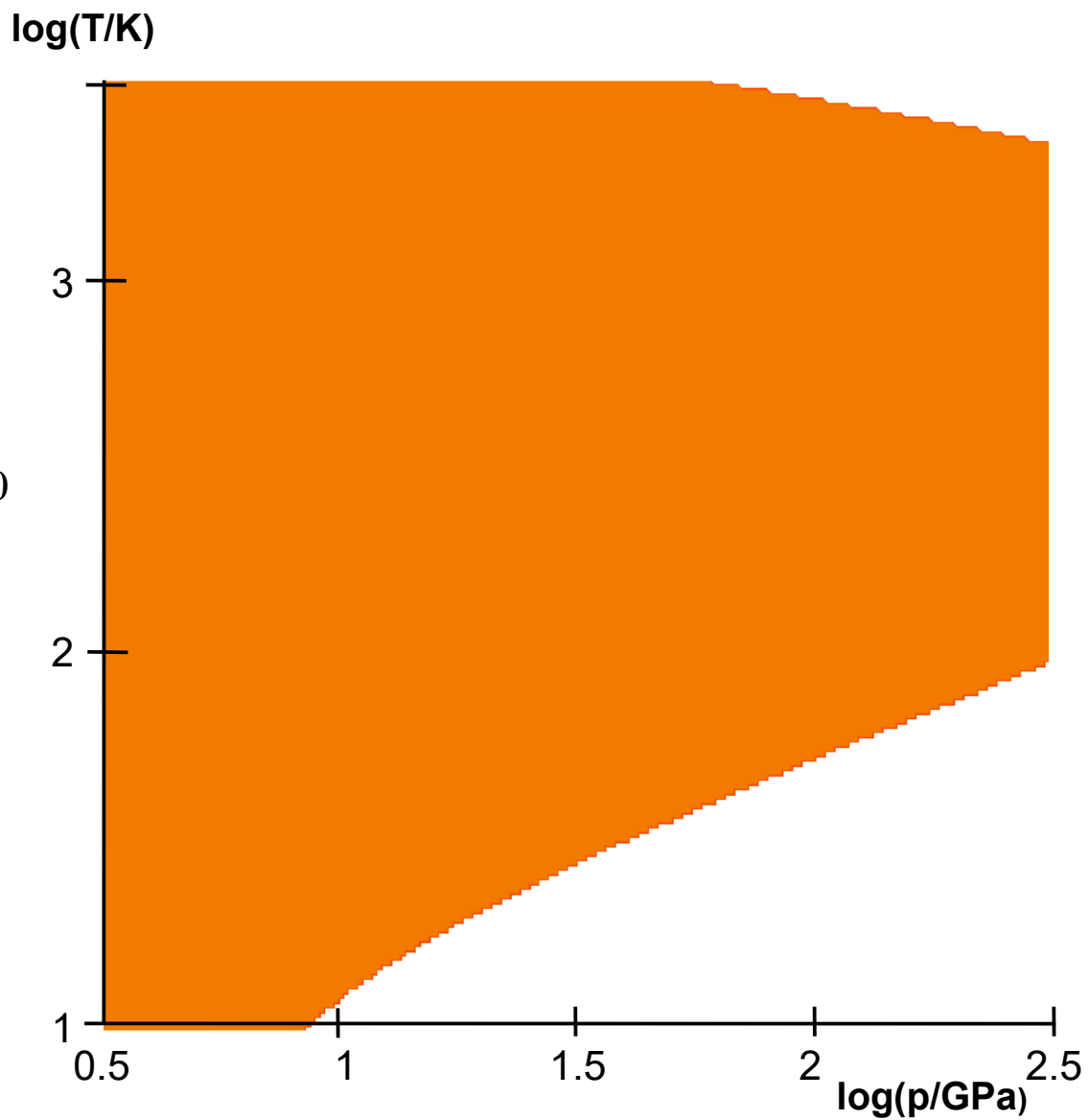
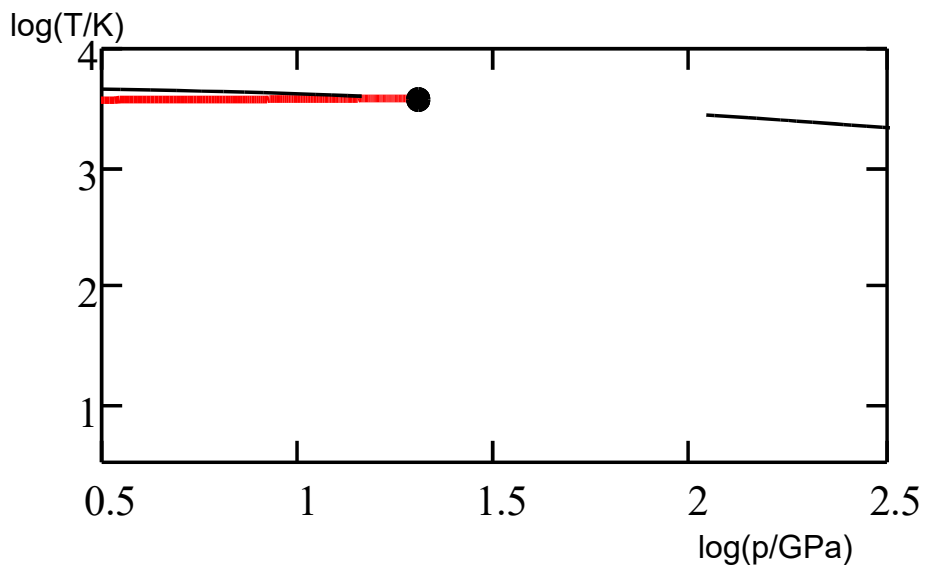
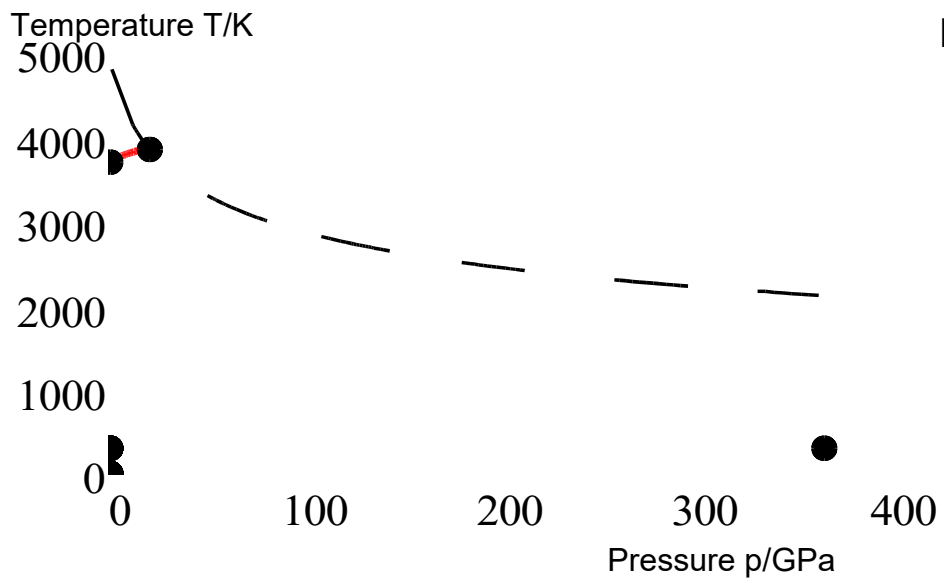
2014-06-25



74 W

cl2----->364GPa

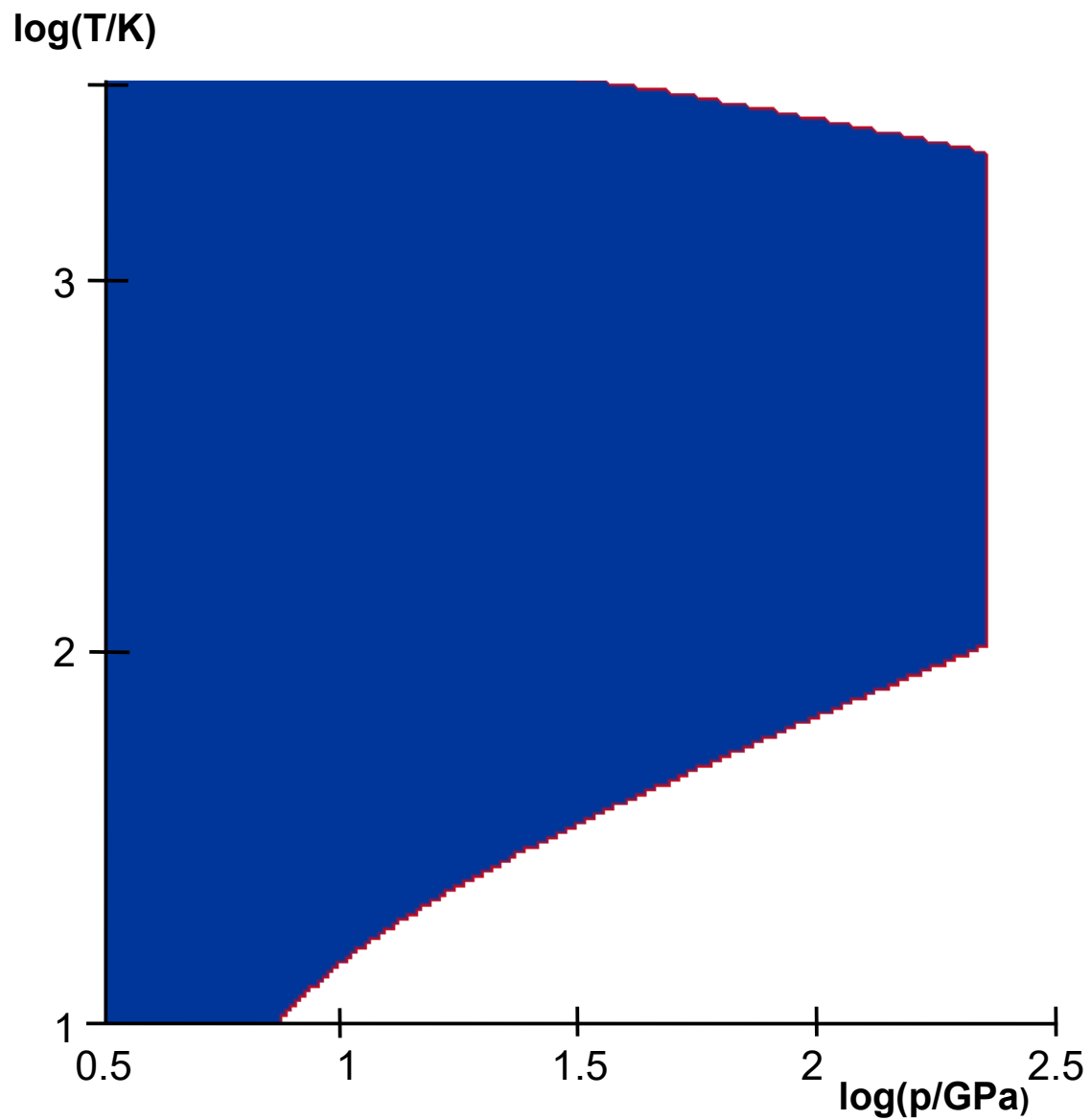
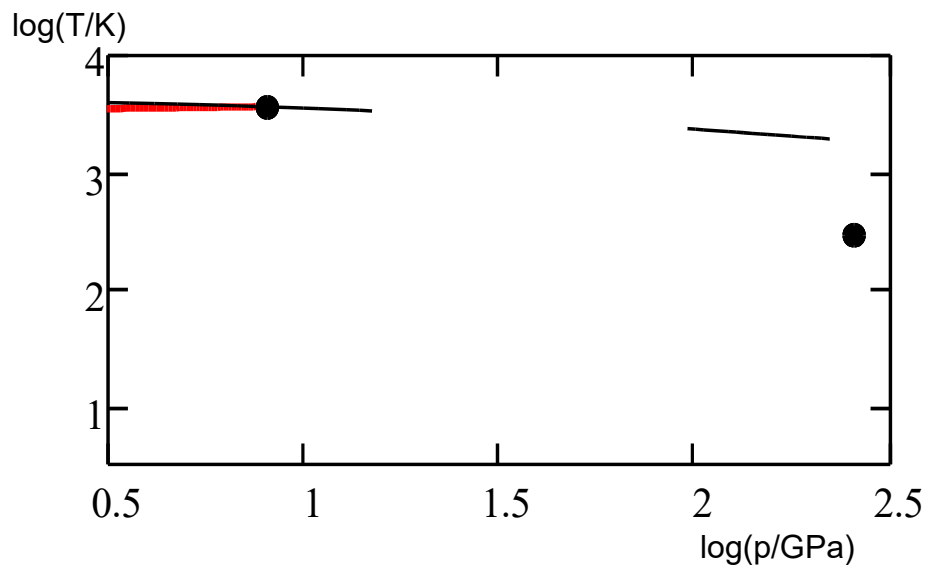
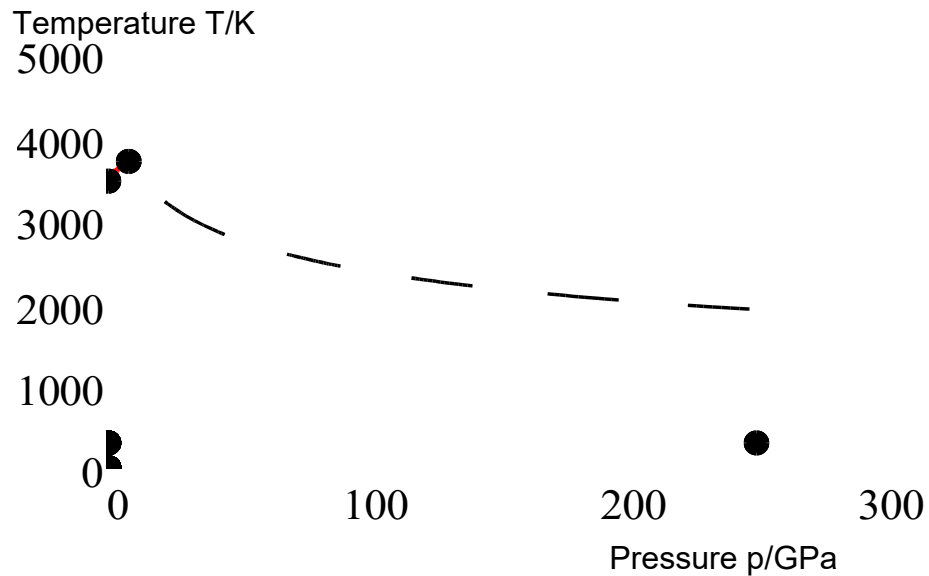
2014-06-25



75 Re

hP2----->251GPa

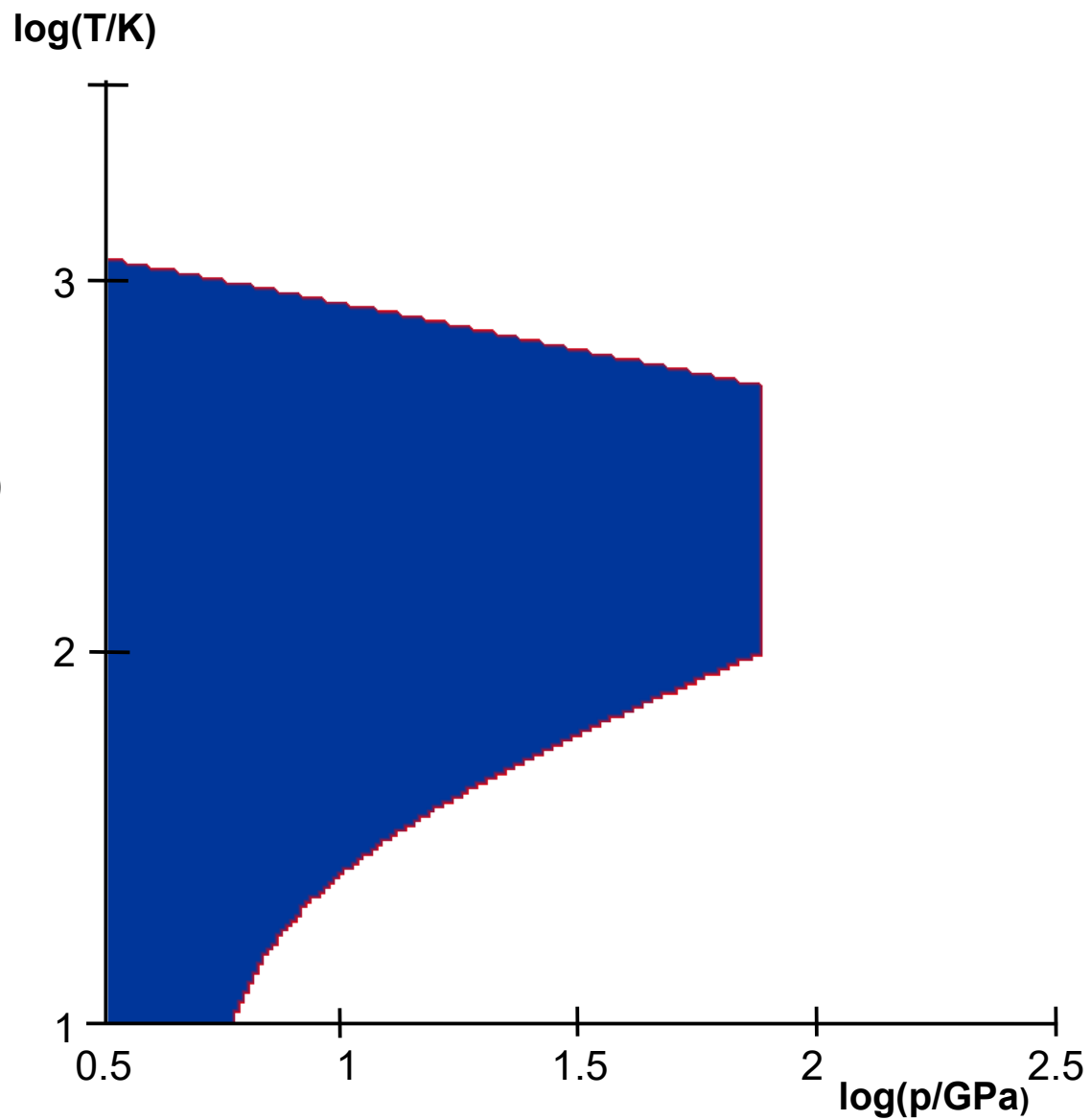
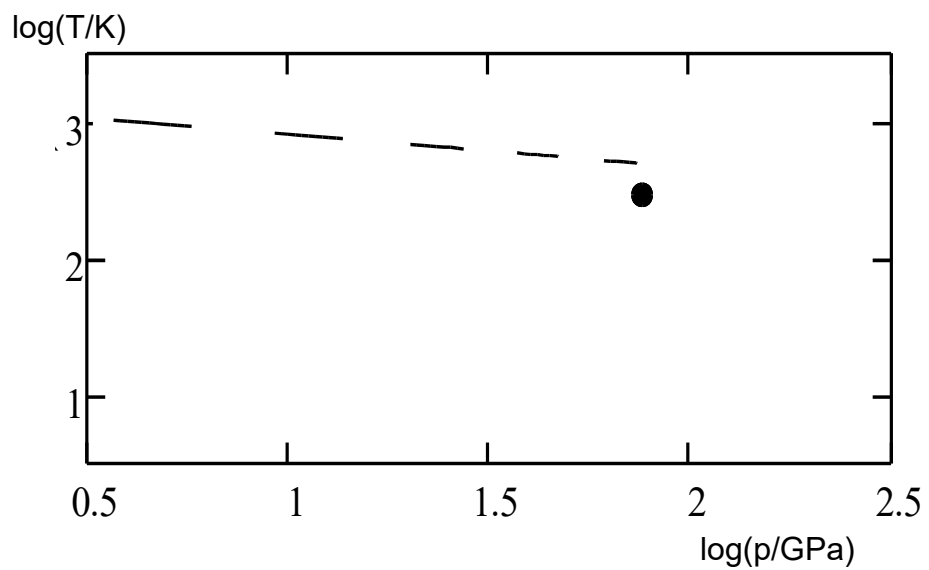
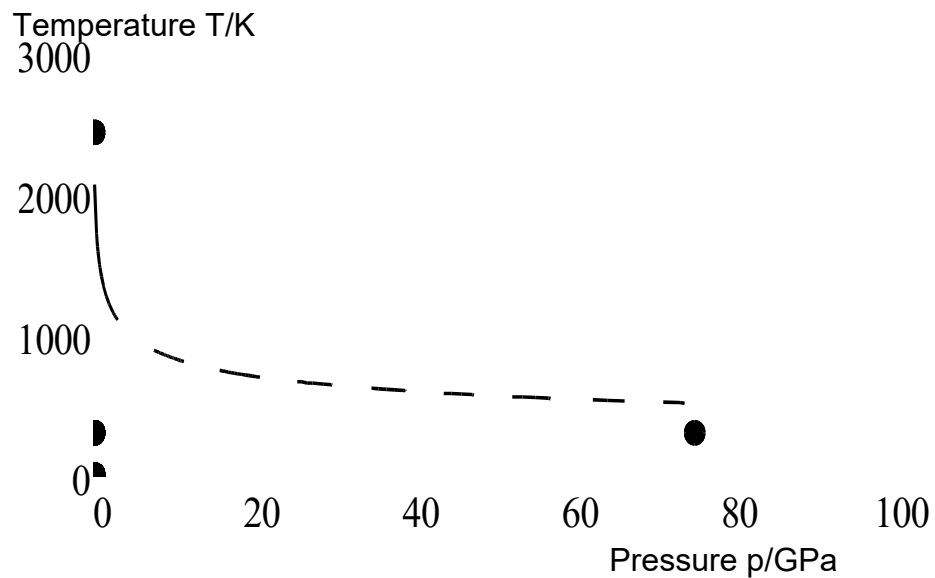
2014-06-25



76 Os

hP2----->75GPa

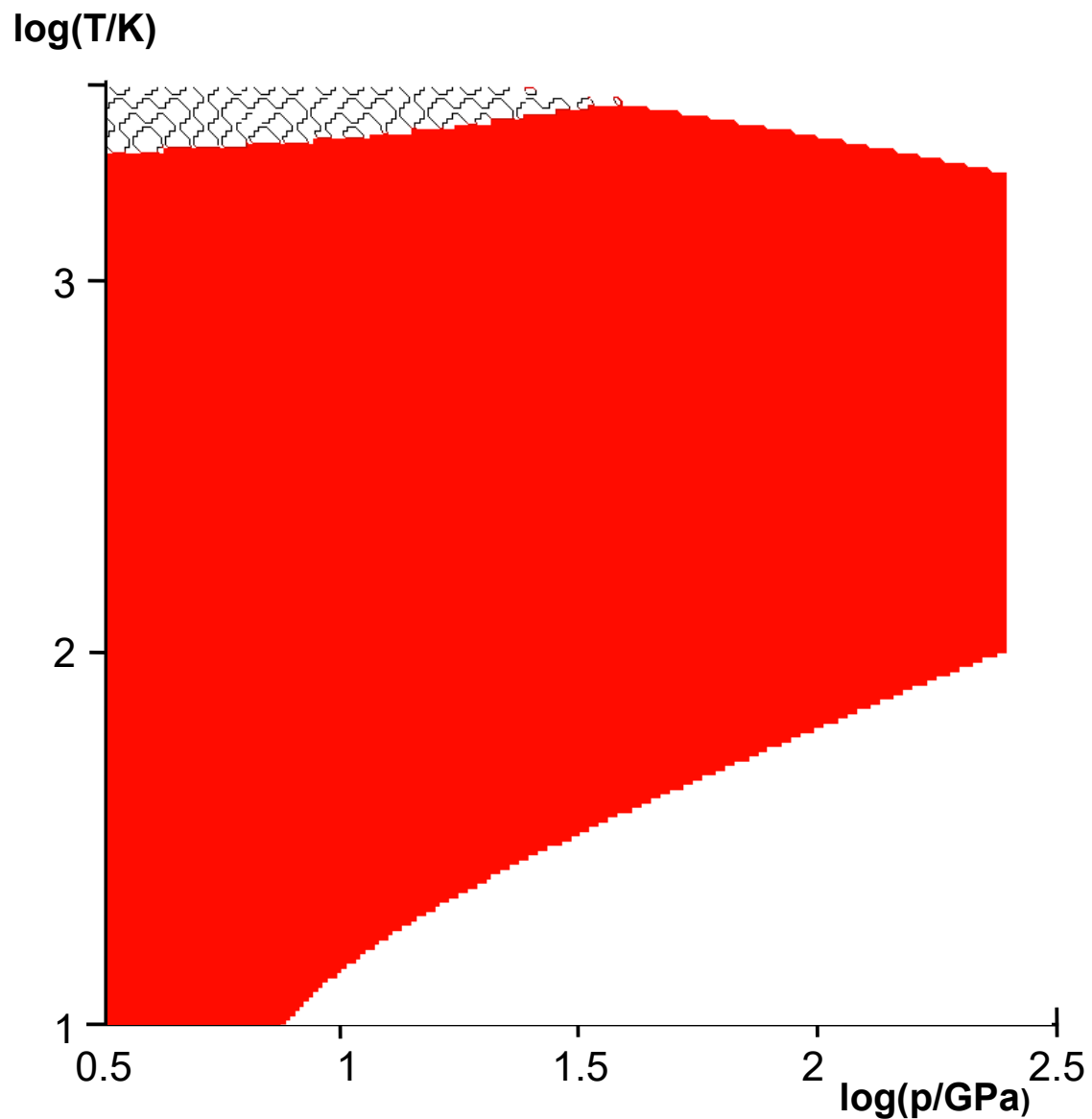
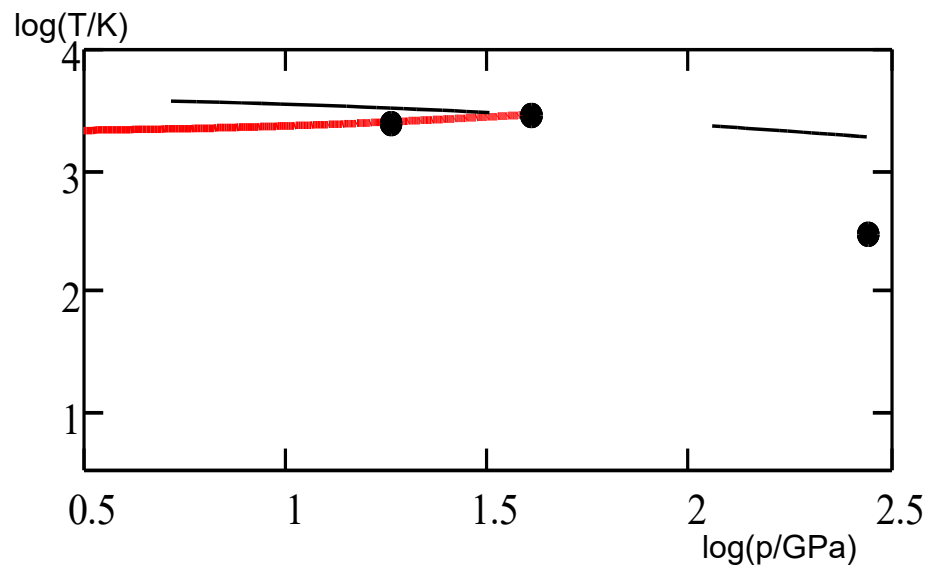
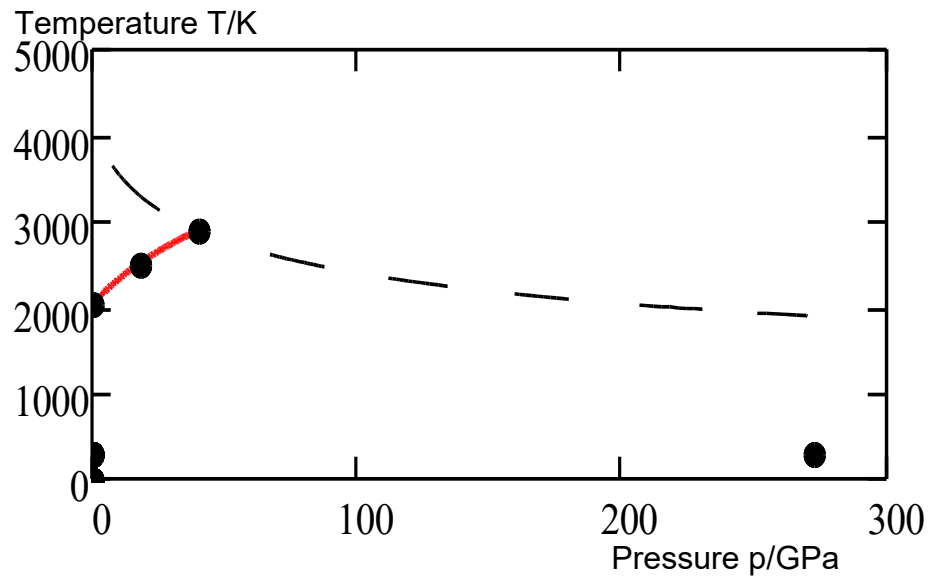
2014-06-25



78 Pt

cF4----->272GPa

2014-06-25



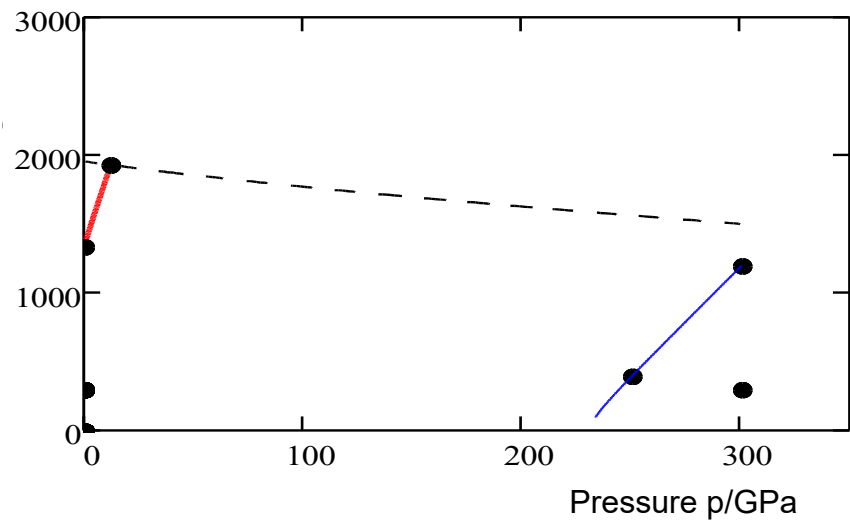
79 Au

cF4----hP2----->236GPa

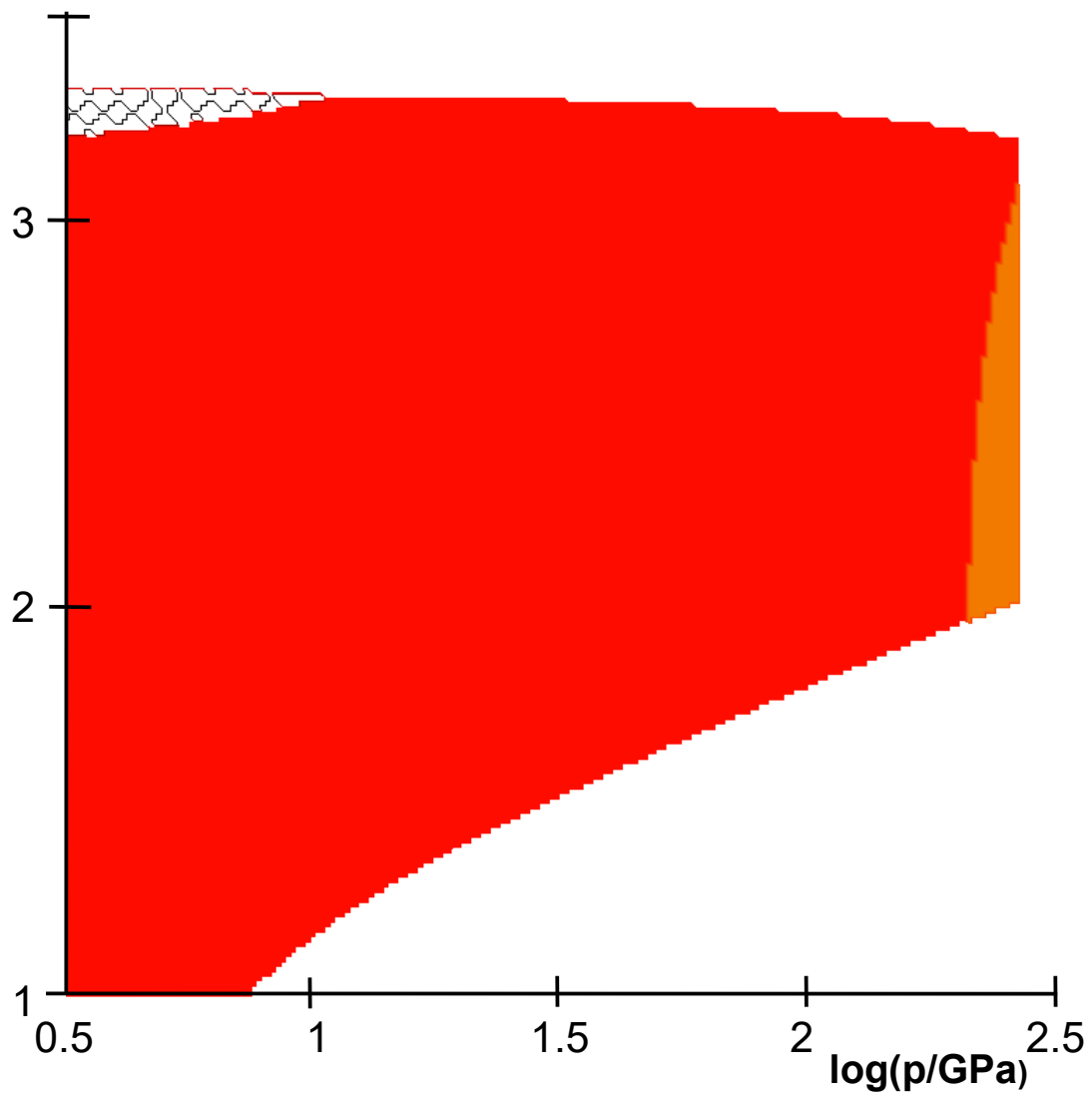
2014-06-25

ptr/GPa 230

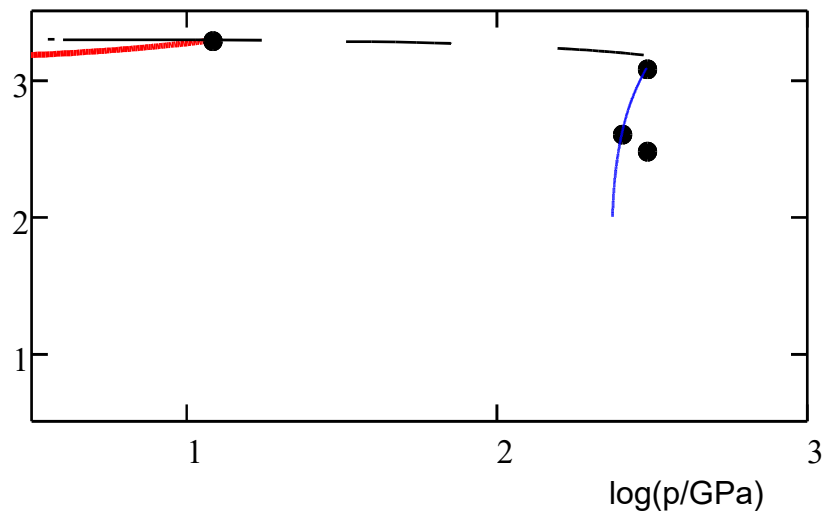
Temperature T/K



log(T/K)



log(T/K)



81 TI

hP2-----cF4----->68GPa

2014-06-25

ptr/GPa 3.7

cI2HT

