

- basic operation

- basic operation
- connect
- interpolation in T_x and P_x (see below)

- changing starting guesses
 - printxyz and xyzguess (was readxyz)
 - see in context in a minute

- changing starting guesses
 - printxyz and xyzguess (was readxyz)
 - see in context in a minute
- making bulk composition
 - from rock information
 - with results of a calculation: printbulkinfo/rbi

- changing starting guesses
 - printxyz and xyzguess (was readxyz)
 - see in context in a minute
- making bulk composition
 - from rock information
 - with results of a calculation: printbulkinfo/rbi
- calculating Gibbs energy (for minimisation)
 - dogmin and calcg
 - see next.

- two uses
 - to start pseudosection
 - to check a pseudosection

- two uses
 - to start pseudosection
 - to check a pseudosection
- *always* need to be careful! (it is an imperfect approach...)
 - poor starting guesses mean key equilibria not found
 - is the answer “reasonable”?

- two uses
 - to start pseudosection
 - to check a pseudosection
- *always* need to be careful! (it is an imperfect approach...)
 - poor starting guesses mean key equilibria not found
 - is the answer “reasonable”?
- possibilities/try
 - use lower variance calculation for starting guesses
 - do not use bulk if variance < 3 ?

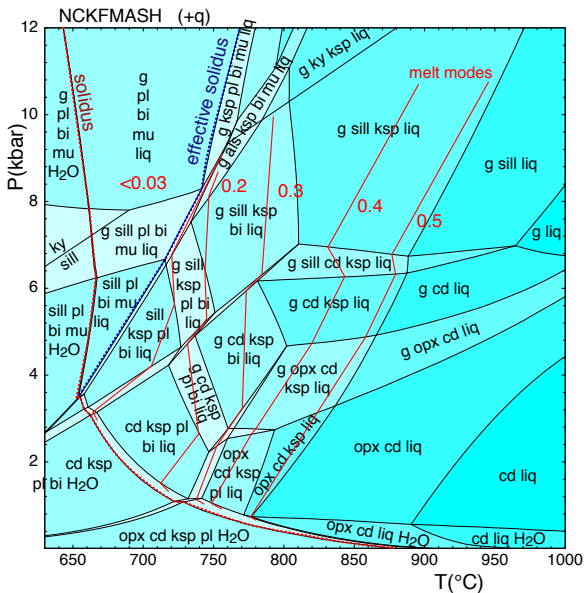
- two uses
 - to start pseudosection
 - to check a pseudosection
- *always* need to be careful! (it is an imperfect approach...)
 - poor starting guesses mean key equilibria not found
 - is the answer “reasonable”?
- possibilities/try
 - use lower variance calculation for starting guesses
 - do not use bulk if variance < 3 ?
 - run at just one PT or run along P or T line?

- two uses
 - to start pseudosection
 - to check a pseudosection
- *always* need to be careful! (it is an imperfect approach...)
 - poor starting guesses mean key equilibria not found
 - is the answer “reasonable”?
- possibilities/try
 - use lower variance calculation for starting guesses
 - do not use bulk if variance < 3 ?
 - run at just one PT or run along P or T line?
 - look at G table (just one PT)
 - look through calculated equilibria?
 - systematic, using calcg (not dogmin)

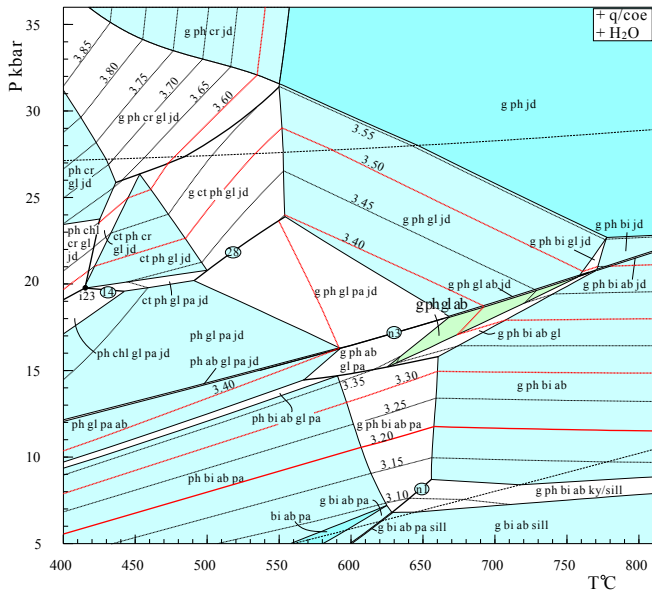
- calculations *within* fields
 - just looking along a P or T line through a field
 - contouring

- calculations *within* fields
 - just looking along a P or T line through a field
 - contouring
- contouring
 - mineral modes
 - mineral compositions

PT pseudosection example



PT pseudosection example



same geometry as PT pseudosections, but some special features

- x axis is 0 to 1

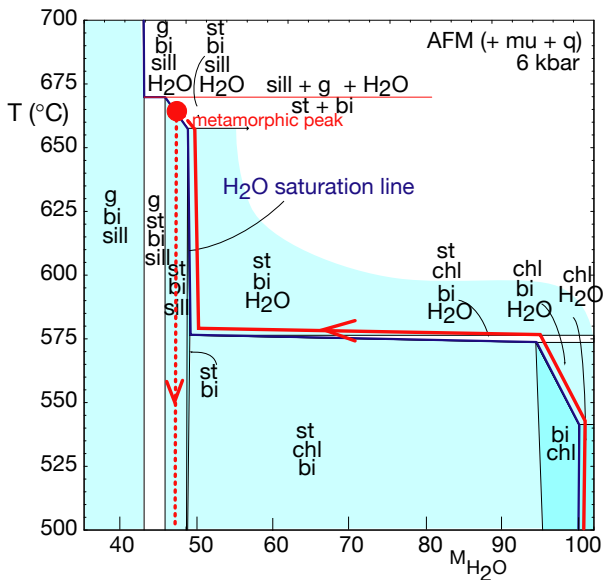
same geometry as PT pseudosections, but some special features

- x axis is 0 to 1
- can only calculate at fixed composition
- cannot calculate x at specified

same geometry as PT pseudosections, but some special features

- x axis is 0 to 1
- can only calculate at fixed composition
- cannot calculate x at specified
- interpolation to find effective invariant points
- (actual) univariants are horizontal lines

T_x pseudosection example



T_x pseudosection example

