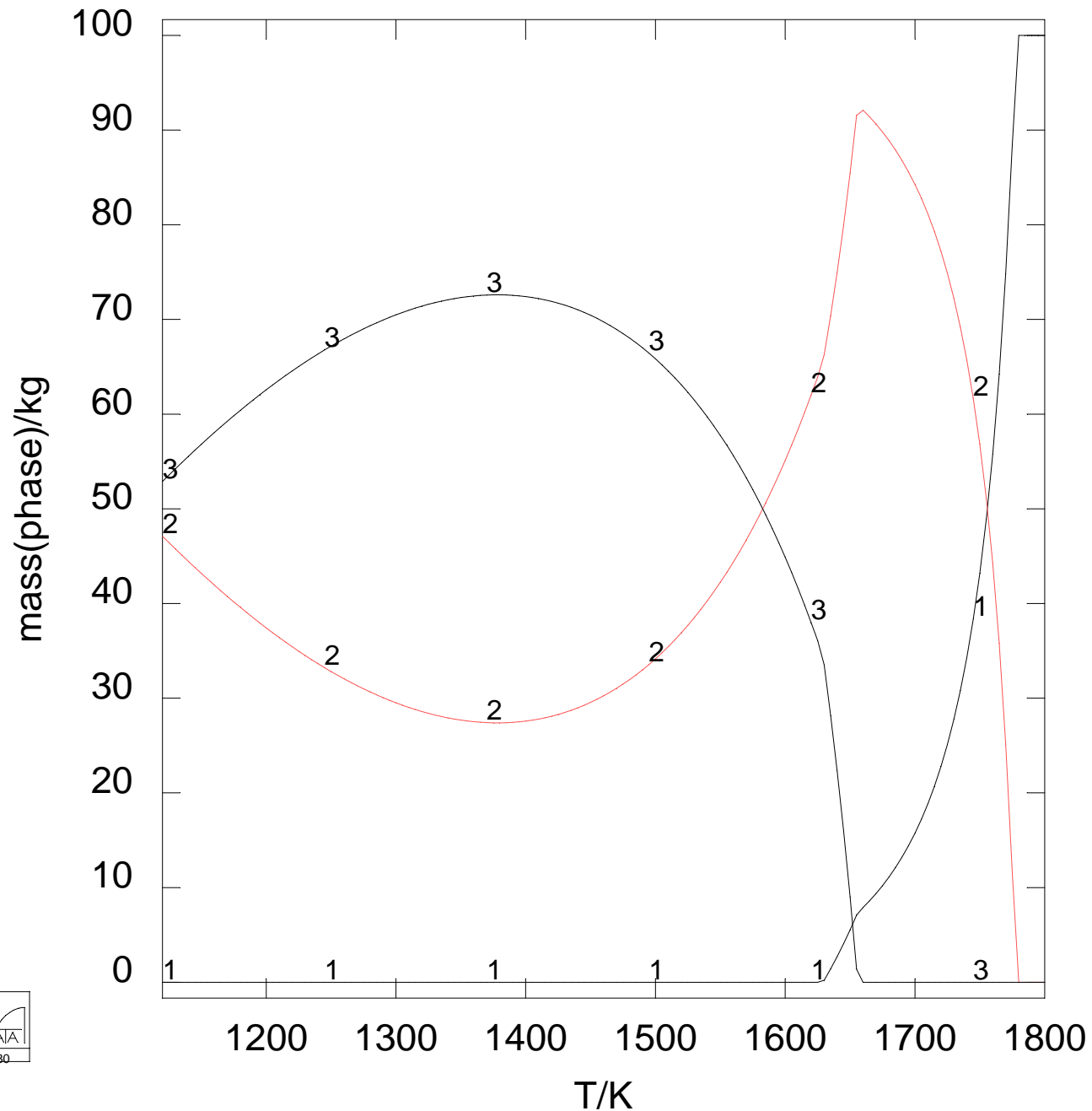


C:\MTDATA\WORK\cu,si-free8 18:07:27 10-OCT-2007



KEY

1 LIQUID 2 BCC_A2
3 FCC_A1

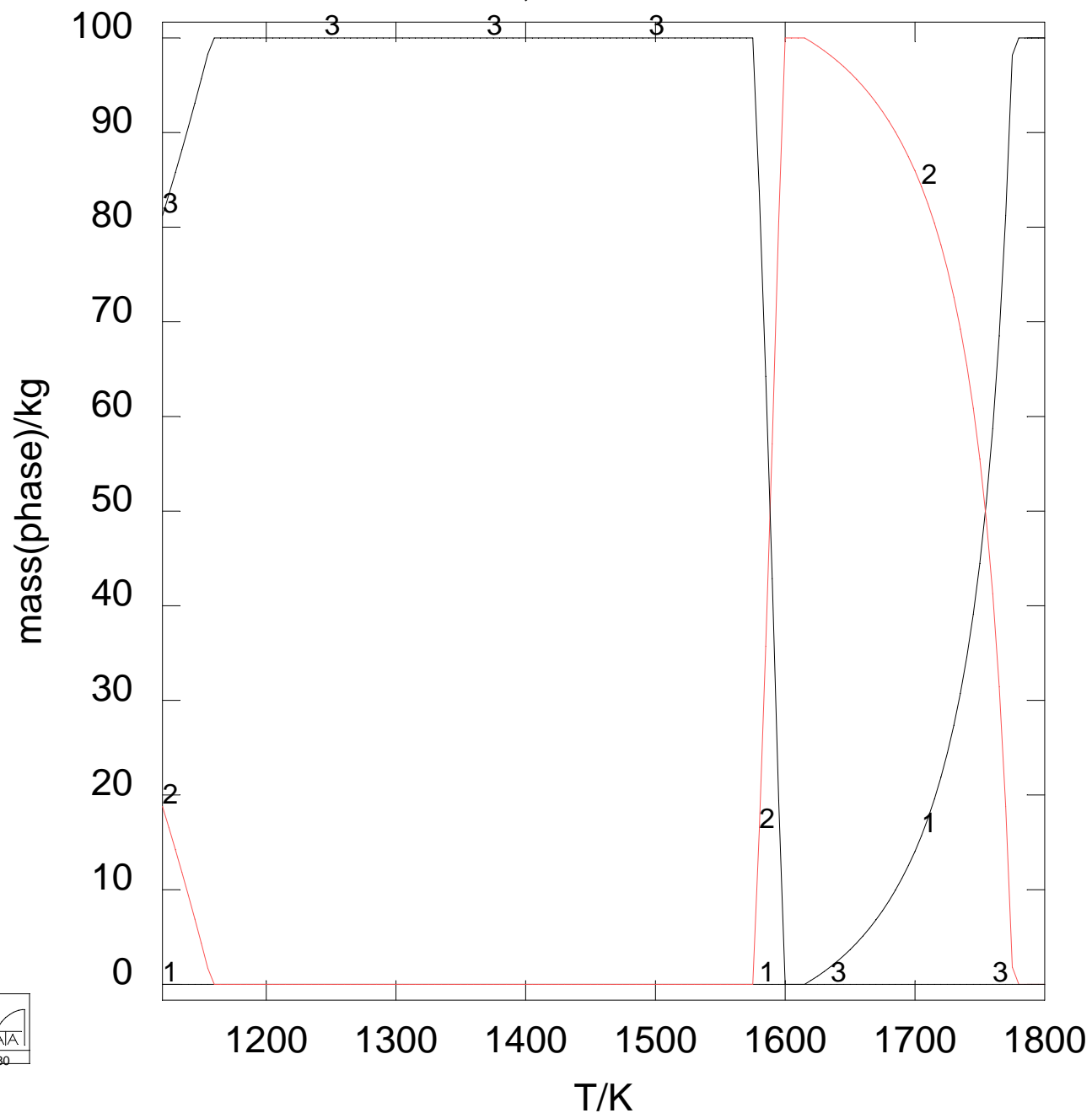
CONSTRAINTS

P/atm=1
mass(Fe)/kg=95.5
mass(C)/kg=0.4
mass(Mn)/kg=2
mass(Al)/kg=2.1
Stage 1
No. of calculations=137
No. shown on plot=137



Data C:\MTDATA\WORK\cu,si-free.mpi
Results C:\MTDATA\WORK\cu,si-free8.gph
Log C:\MTDATA\WORK\mt20.log
Calculated 18:07:27 10-OCT-2007
Plotted 18:07:56 10-OCT-2007

C:\MTDATA\WORK\cu,si-free9 18:09:13 10-OCT-2007



KEY

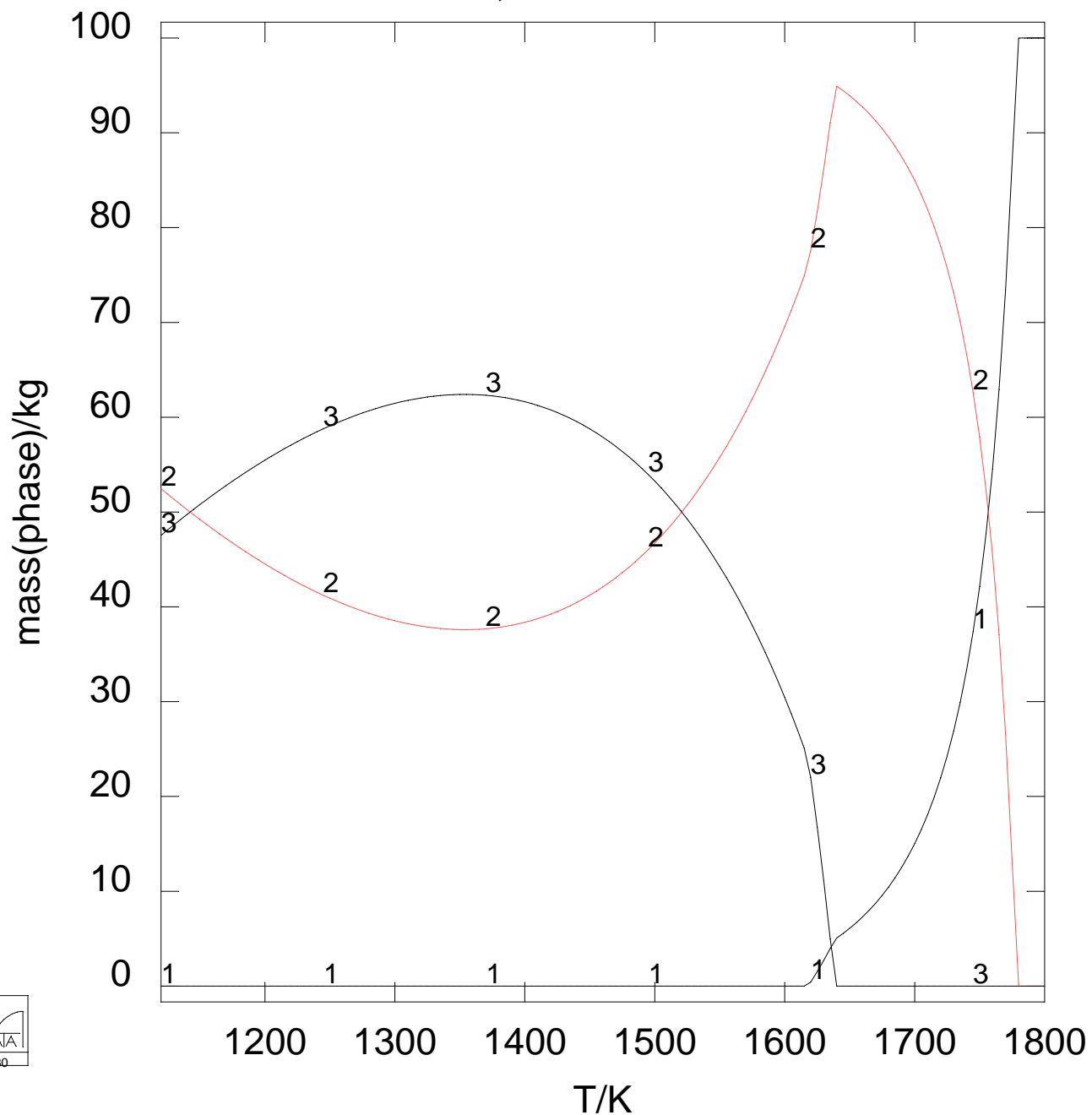
1 LIQUID 2 BCC_A2
3 FCC_A1

CONSTRAINTS

P/atm=1
mass(Fe)/kg=95.5
mass(C)/kg=0.4
mass(Mn)/kg=2
mass(Al)/kg=2.1
Fe = PARA
Mn = PARA
Al = PARA
Stage 1
No. of calculations=137
No. shown on plot=137

Data C:\MTDATA\WORK\cu,si-free.mpi
Results C:\MTDATA\WORK\cu,si-free9.gph
Log C:\MTDATA\WORK\mt21.log
Calculated 18:09:13 10-OCT-2007
Plotted 18:09:25 10-OCT-2007

C:\MTDATA\Work\cu,si-free10 18:12:52 10-OCT-2007



KEY

1 LIQUID 2 BCC_A2
3 FCC_A1

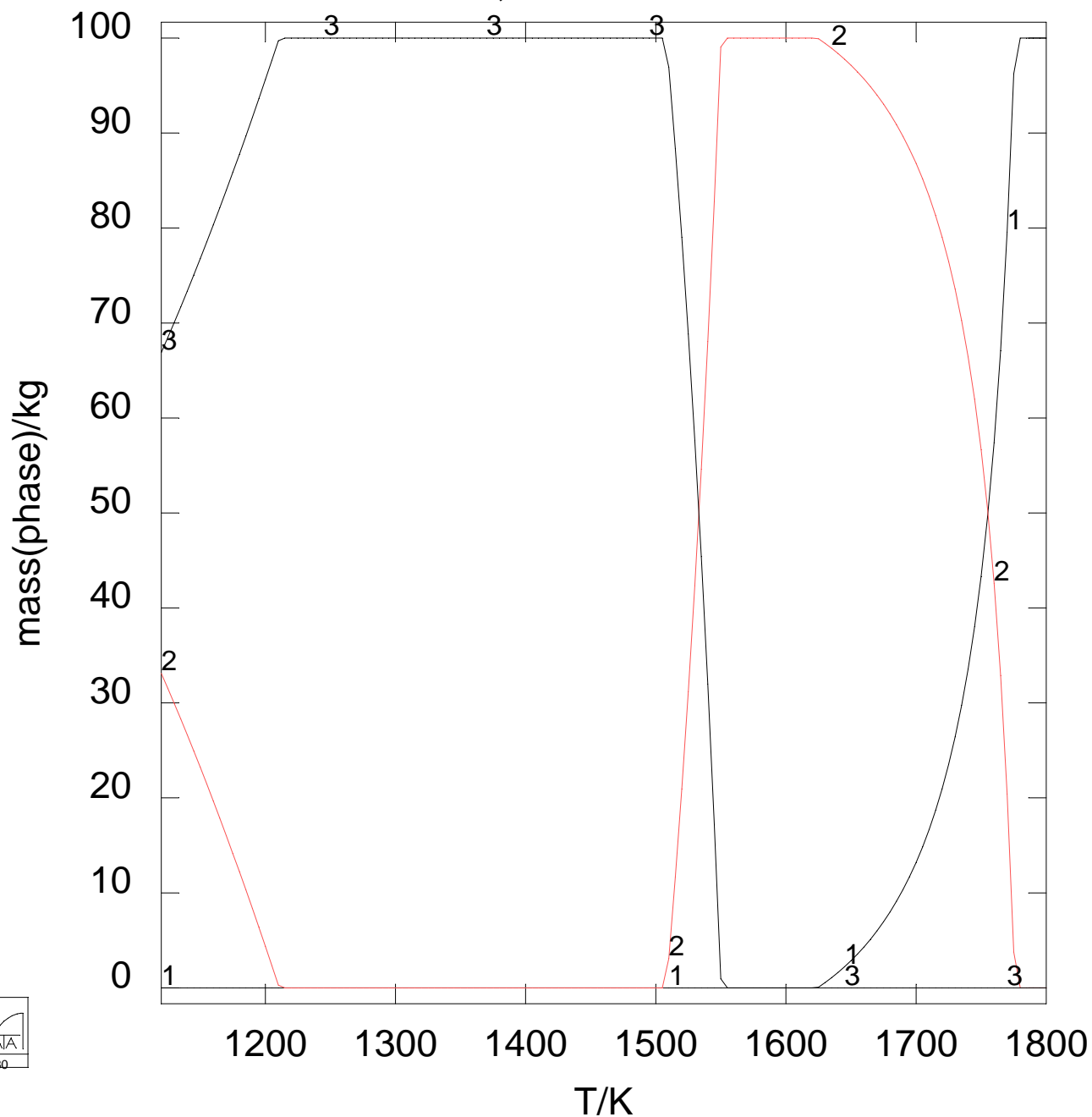
CONSTRAINTS

P/atm=1
mass(Fe)/kg=95.3
mass(C)/kg=0.4
mass(Mn)/kg=2
mass(Al)/kg=2.3
STEPPED VARIABLE IS:
T/K
WARNING IN STAGE=1
at step value=1440
NO. OF WARNINGS=1
Stage 1
No. of calculations=137
No. shown on plot=137



Data C:\MTDATA\Work\cu,si-free.mpi
Results C:\MTDATA\Work\cu,si-free10.gph
Log C:\MTDATA\WORK\mt23.log
Calculated 18:12:52 10-OCT-2007
Plotted 18:13:08 10-OCT-2007

C:\MTDATA\Work\cu,si-free11 18:14:06 10-OCT-2007



KEY

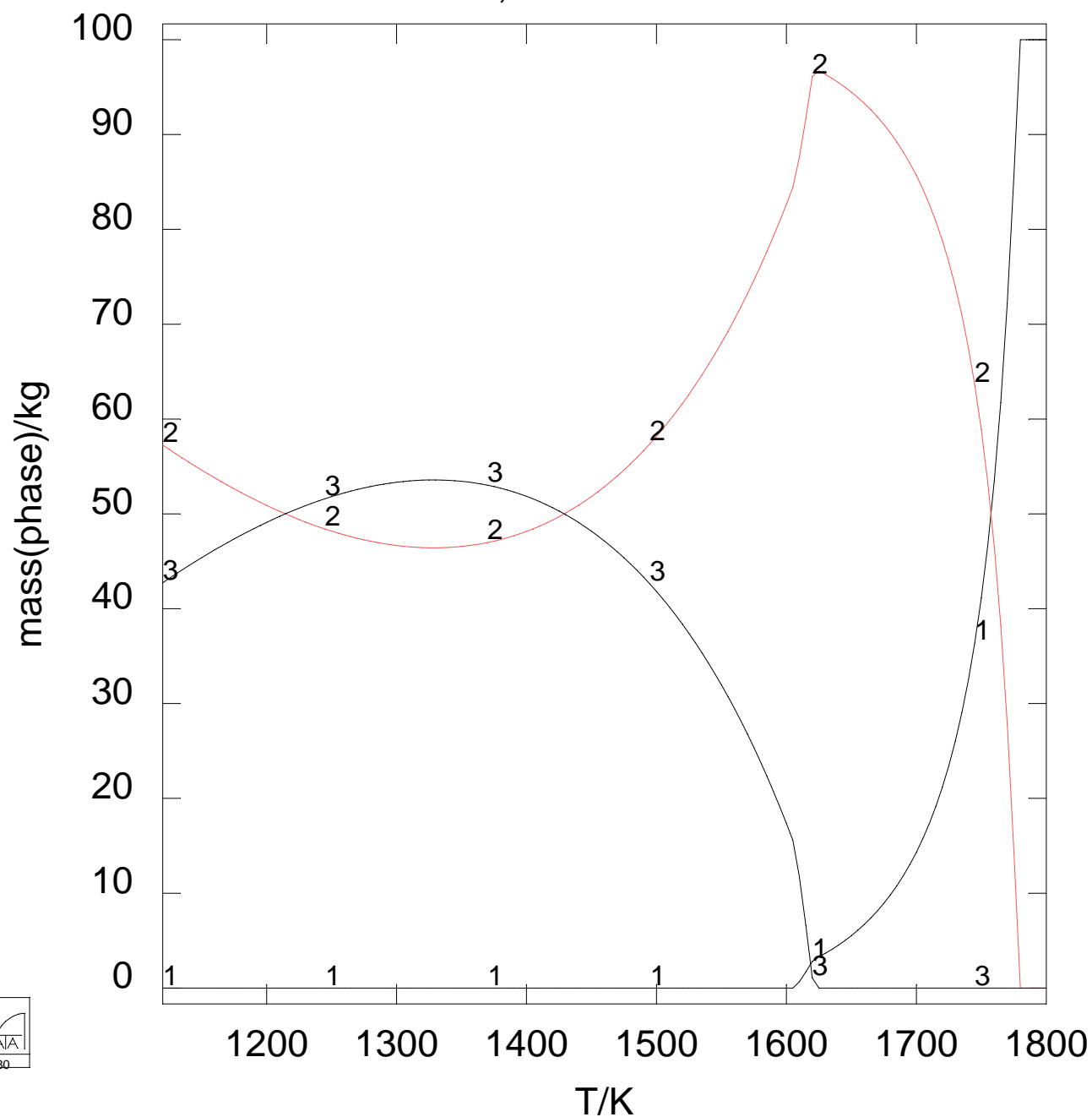
1 LIQUID 2 BCC_A2
3 FCC_A1

CONSTRAINTS

P/atm=1
mass(Fe)/kg=95.3
mass(C)/kg=0.4
mass(Mn)/kg=2
mass(Al)/kg=2.3
Fe = PARA
Mn = PARA
Al = PARA
STEPPED VARIABLE IS:
T/K
WARNING IN STAGE=1
at step value=1625
NO. OF WARNINGS=1
Stage 1
No. of calculations=137
No. shown on plot=137

Data C:\MTDATA\Work\cu,si-free.mpi
Results C:\MTDATA\Work\cu,si-free11.gph
Log C:\MTDATA\WORK\mt24.log
Calculated 18:14:06 10-OCT-2007
Plotted 18:14:14 10-OCT-2007

C:\MTDATA\Work\cu,si-free12 18:17:37 10-OCT-2007



KEY

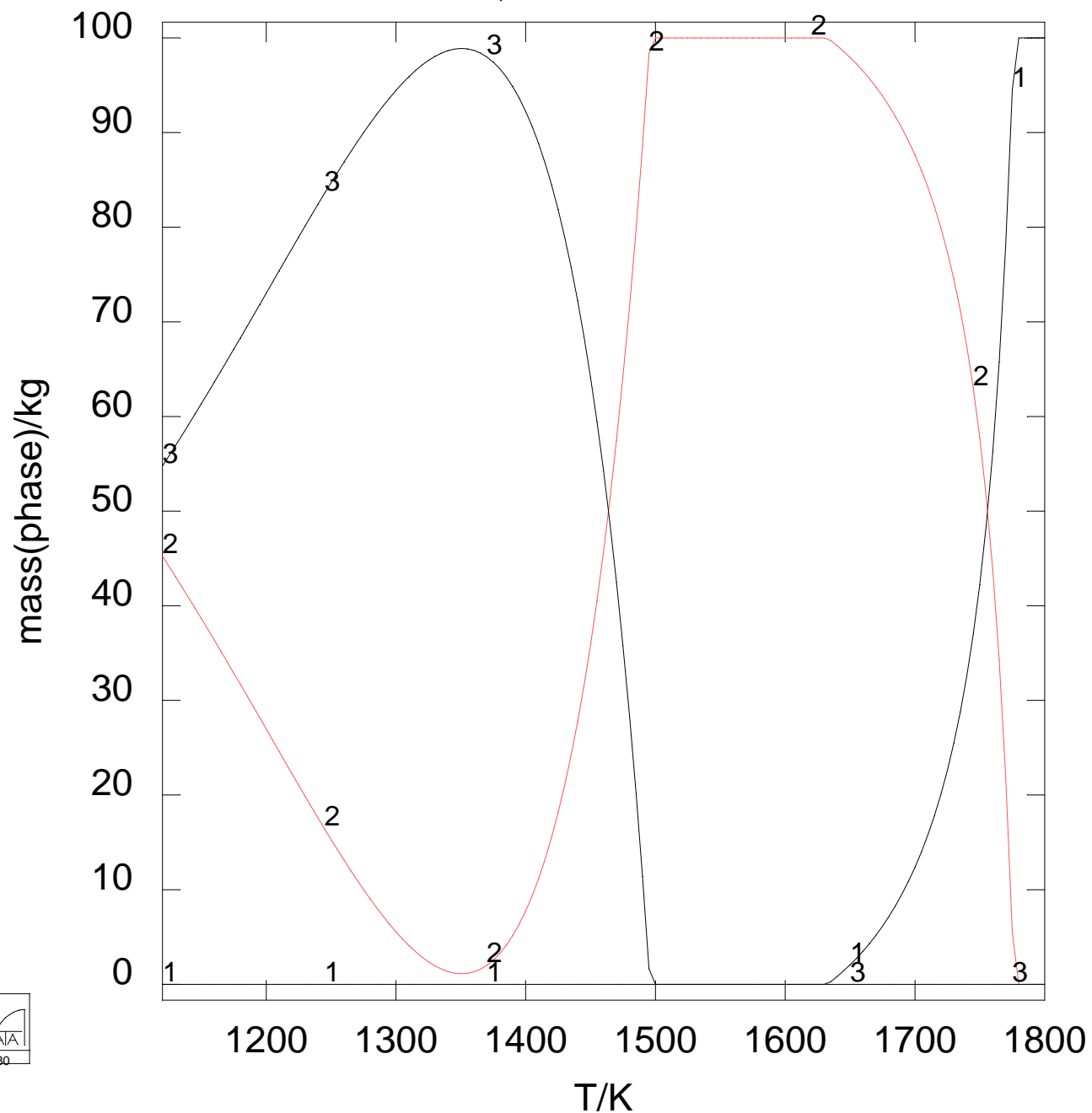
1 LIQUID 2 BCC_A2
3 FCC_A1

CONSTRAINTS

P/atm=1
mass(Fe)/kg=95.1
mass(C)/kg=0.4
mass(Mn)/kg=2
mass(Al)/kg=2.5
STEPPED VARIABLE IS:
T/K
WARNING IN STAGE=1
at step value=1725
NO. OF WARNINGS=1
Stage 1
No. of calculations=137
No. shown on plot=137

Data C:\MTDATA\Work\cu,si-free.mpi
Results C:\MTDATA\Work\cu,si-free12.gph
Log C:\MTDATA\WORK\mt26.log
Calculated 18:17:37 10-OCT-2007
Plotted 18:18:23 10-OCT-2007

C:\MTDATA\Work\cu,si-free13 18:18:08 10-OCT-2007



KEY

1 LIQUID 2 BCC_A2
3 FCC_A1

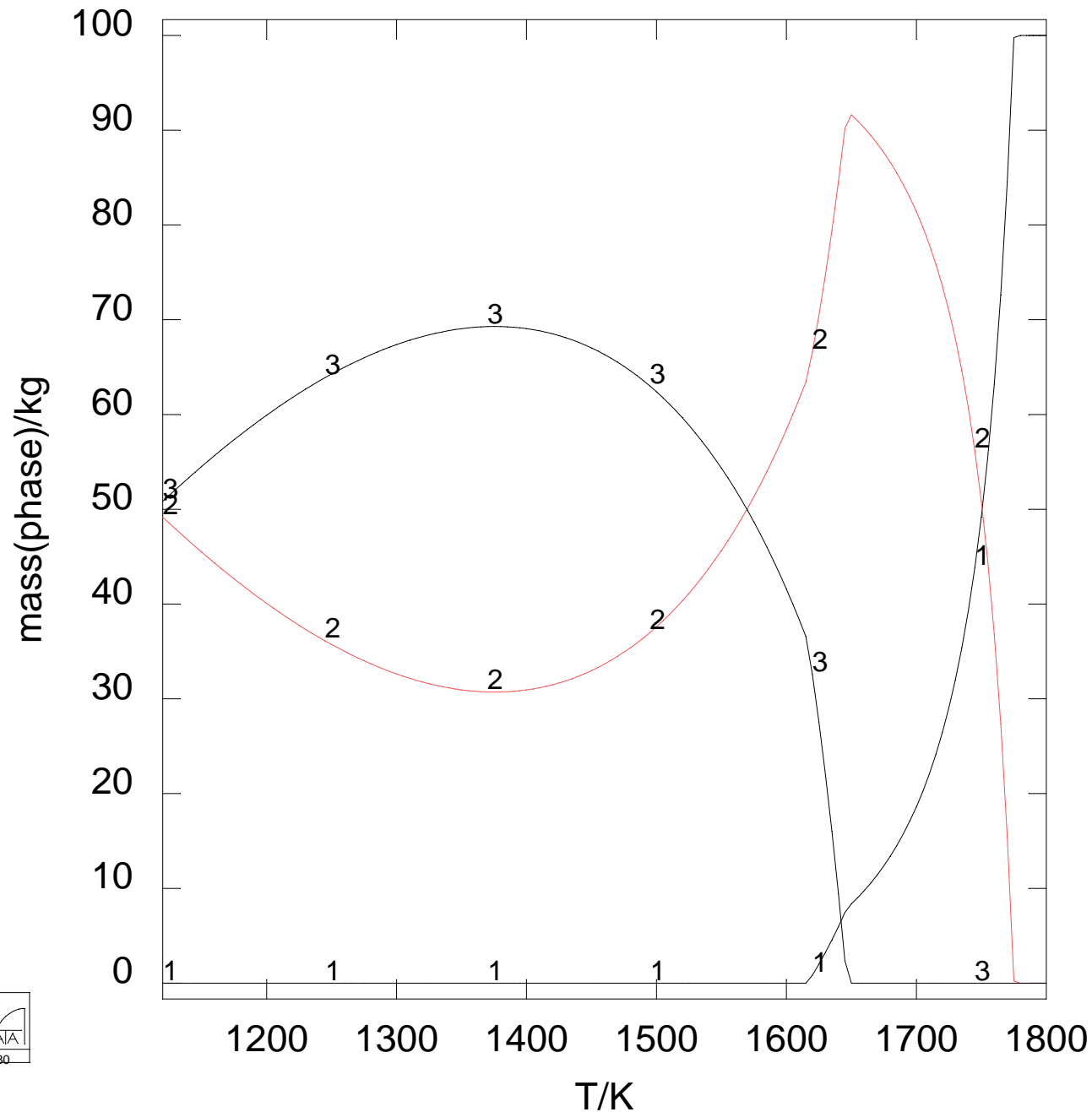
CONSTRAINTS

P/atm=1
mass(Fe)/kg=95.1
mass(C)/kg=0.4
mass(Mn)/kg=2
mass(Al)/kg=2.5
Fe = PARA
Mn = PARA
Al = PARA
Stage 1
No. of calculations=137
No. shown on plot=137



Data C:\MTDATA\Work\cu,si-free.mpi
Results C:\MTDATA\Work\cu,si-free13.gph
Log C:\MTDATA\WORK\mt27.log
Calculated 18:18:08 10-OCT-2007
Plotted 18:18:44 10-OCT-2007

C:\MTDATA\WORK\cu-free14 18:23:49 10-OCT-2007



KEY

1 LIQUID 2 BCC_A2
3 FCC_A1

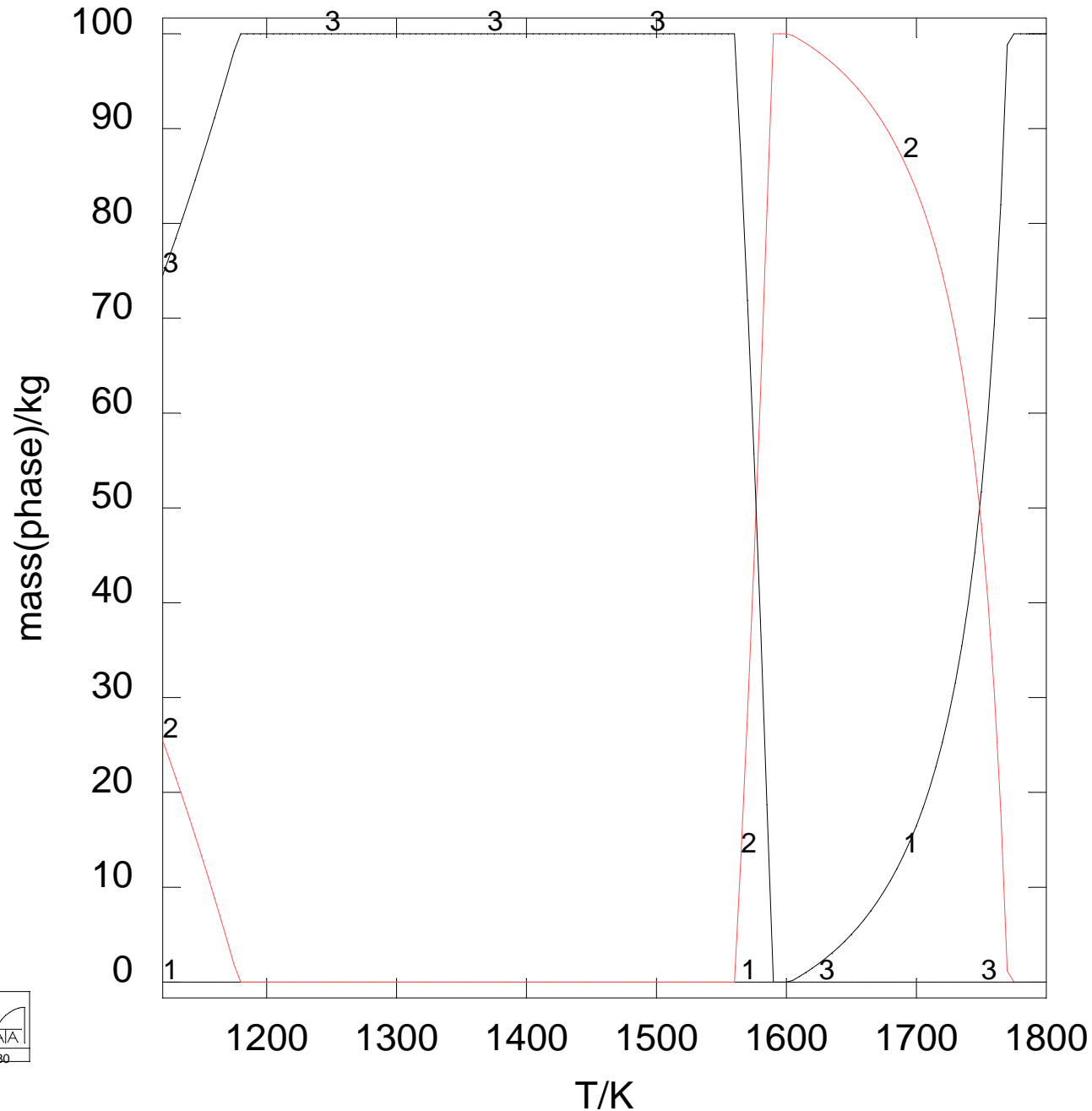
CONSTRAINTS

P/atm=1
mass(Fe)/kg=95.28
mass(C)/kg=0.4
mass(Si)/kg=0.2
mass(Mn)/kg=2
mass(Al)/kg=2.1
mass(P)/kg=0.02
Stage 1
No. of calculations=137
No. shown on plot=137



Data C:\MTDATA\WORK\cu-free.mpi
Results C:\MTDATA\WORK\cu-free14.gph
Log C:\MTDATA\WORK\mt29.log
Calculated 18:23:49 10-OCT-2007
Plotted 18:24:37 10-OCT-2007

C:\MTDATA\WORK\cu-free15 18:24:21 10-OCT-2007



KEY

1 LIQUID 2 BCC_A2
3 FCC_A1

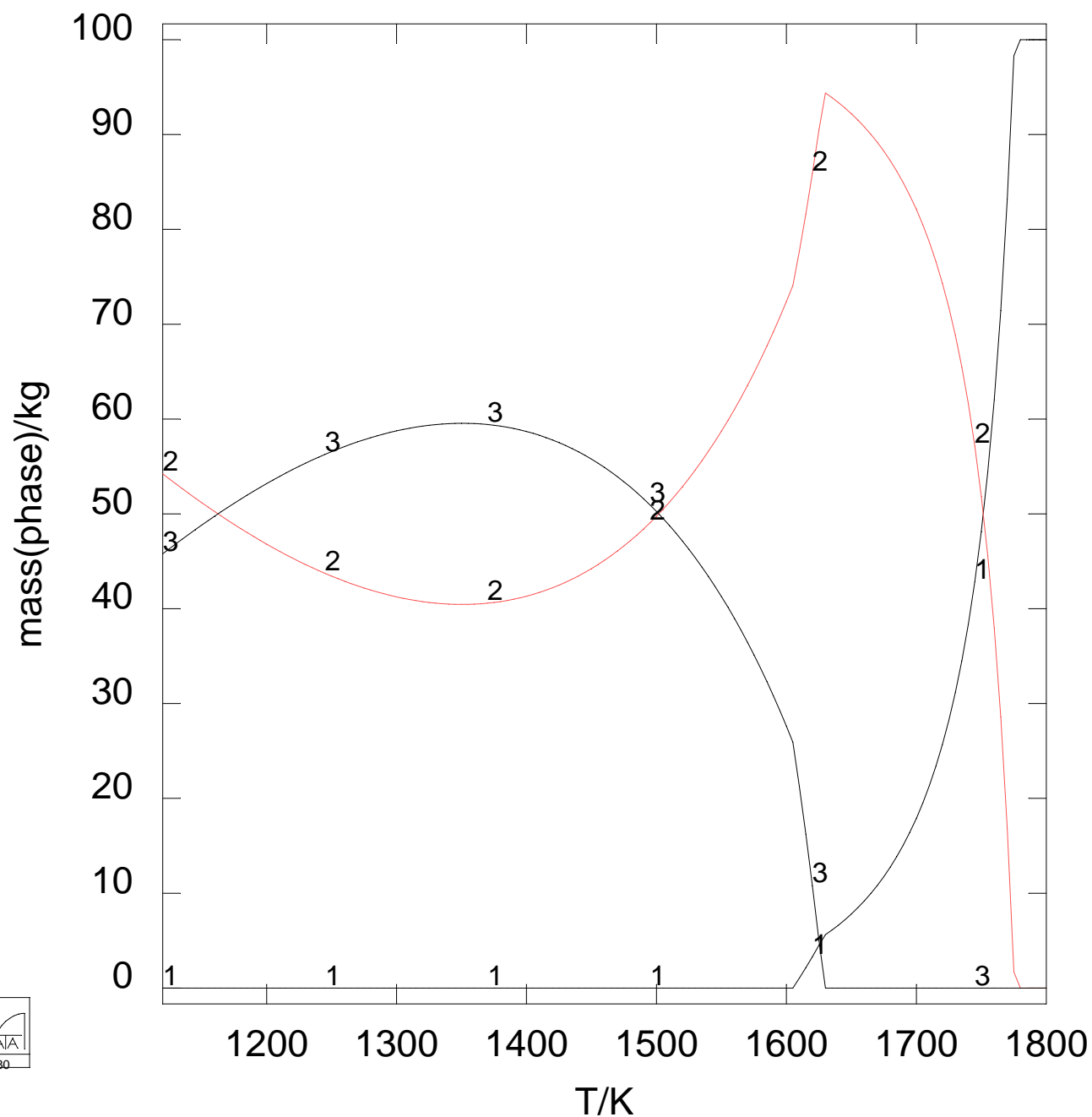
CONSTRAINTS

P/atm=1
mass(Fe)/kg=95.28
mass(C)/kg=0.4
mass(Si)/kg=0.2
mass(Mn)/kg=2
mass(Al)/kg=2.1
mass(P)/kg=0.02
Fe = PARA
Si = PARA
Mn = PARA
Al = PARA
P = PARA
Stage 1
No. of calculations=137
No. shown on plot=137



Data C:\MTDATA\WORK\cu-free.mpi
Results C:\MTDATA\WORK\cu-free15.gph
Log C:\MTDATA\WORK\mt30.log
Calculated 18:24:21 10-OCT-2007
Plotted 18:25:06 10-OCT-2007

C:\MTDATA\Work\cu-free16 18:29:22 10-OCT-2007



KEY

1 LIQUID 2 BCC_A2
3 FCC_A1

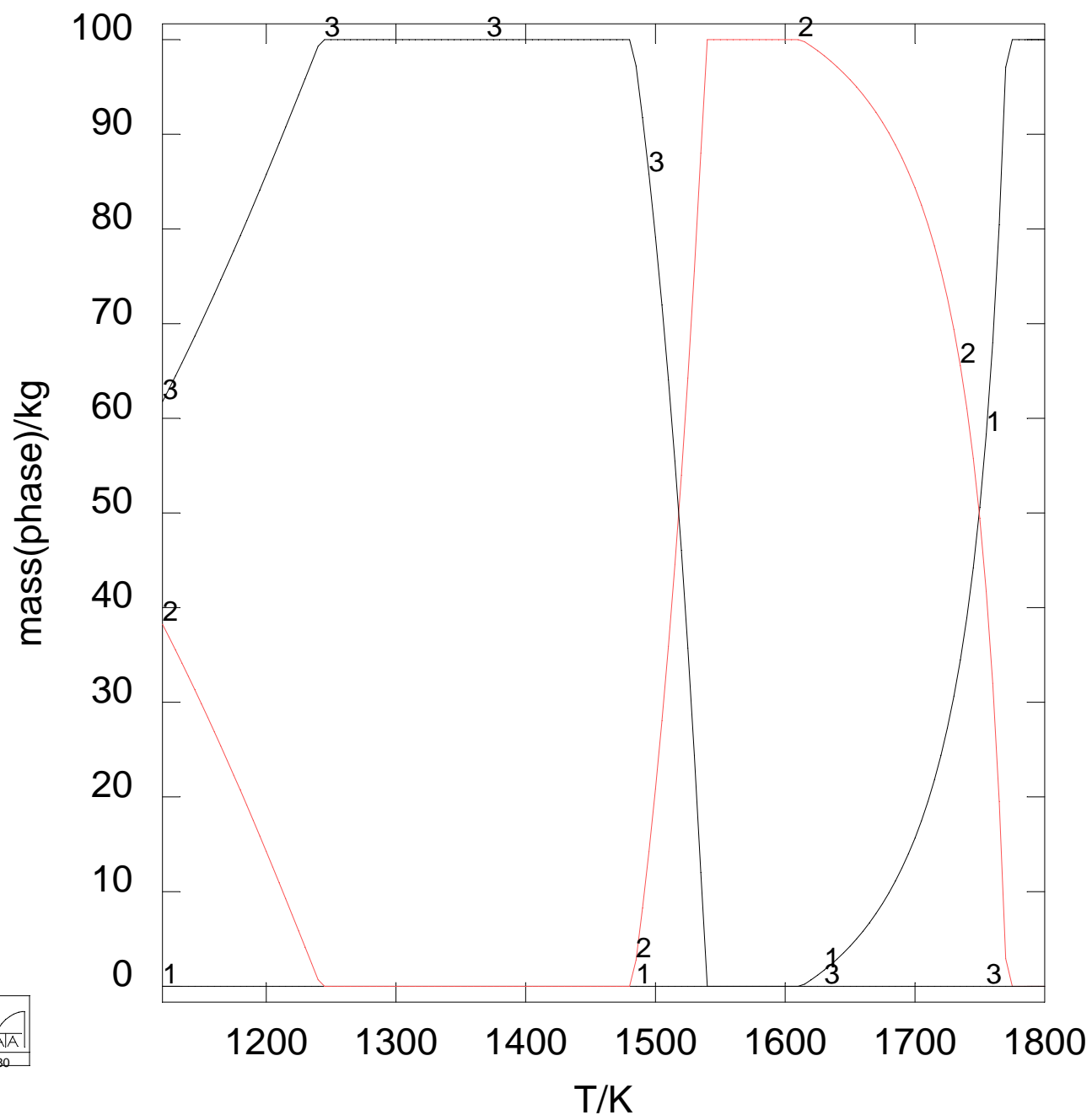
CONSTRAINTS

P/atm=1
mass(Fe)/kg=95.07999
mass(C)/kg=0.4
mass(Si)/kg=0.2
mass(Mn)/kg=2
mass(Al)/kg=2.3
mass(P)/kg=0.02
Stage 1
No. of calculations=137
No. shown on plot=137



Data C:\MTDATA\Work\cu-free.mpi
Results C:\MTDATA\Work\cu-free16.gph
Log C:\MTDATA\WORK\mt32.log
Calculated 18:29:22 10-OCT-2007
Plotted 18:30:07 10-OCT-2007

C:\MTDATA\Work\cu-free17 18:29:53 10-OCT-2007



KEY

1 LIQUID 2 BCC_A2
3 FCC_A1

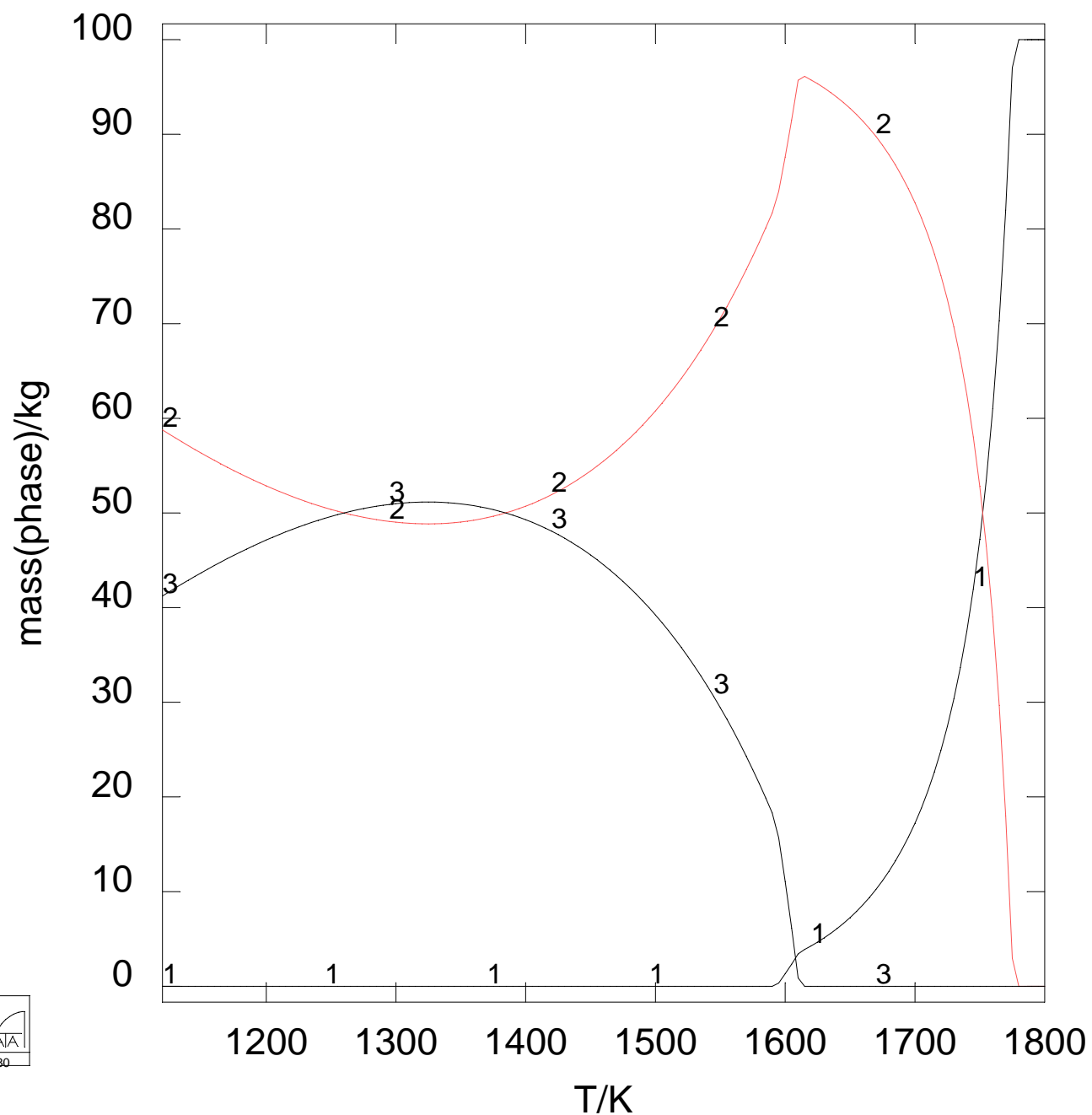
CONSTRAINTS

P/atm=1
mass(Fe)/kg=95.07999
mass(C)/kg=0.4
mass(Si)/kg=0.2
mass(Mn)/kg=2
mass(Al)/kg=2.3
mass(P)/kg=0.02
Fe = PARA
Si = PARA
Mn = PARA
Al = PARA
P = PARA
Stage 1
No. of calculations=137
No. shown on plot=137



Data C:\MTDATA\Work\cu-free.mpi
Results C:\MTDATA\Work\cu-free17.gph
Log C:\MTDATA\WORK\mt33.log
Calculated 18:29:53 10-OCT-2007
Plotted 18:30:24 10-OCT-2007

C:\MTDATA\Work\cu-free18 18:33:30 10-OCT-2007



KEY

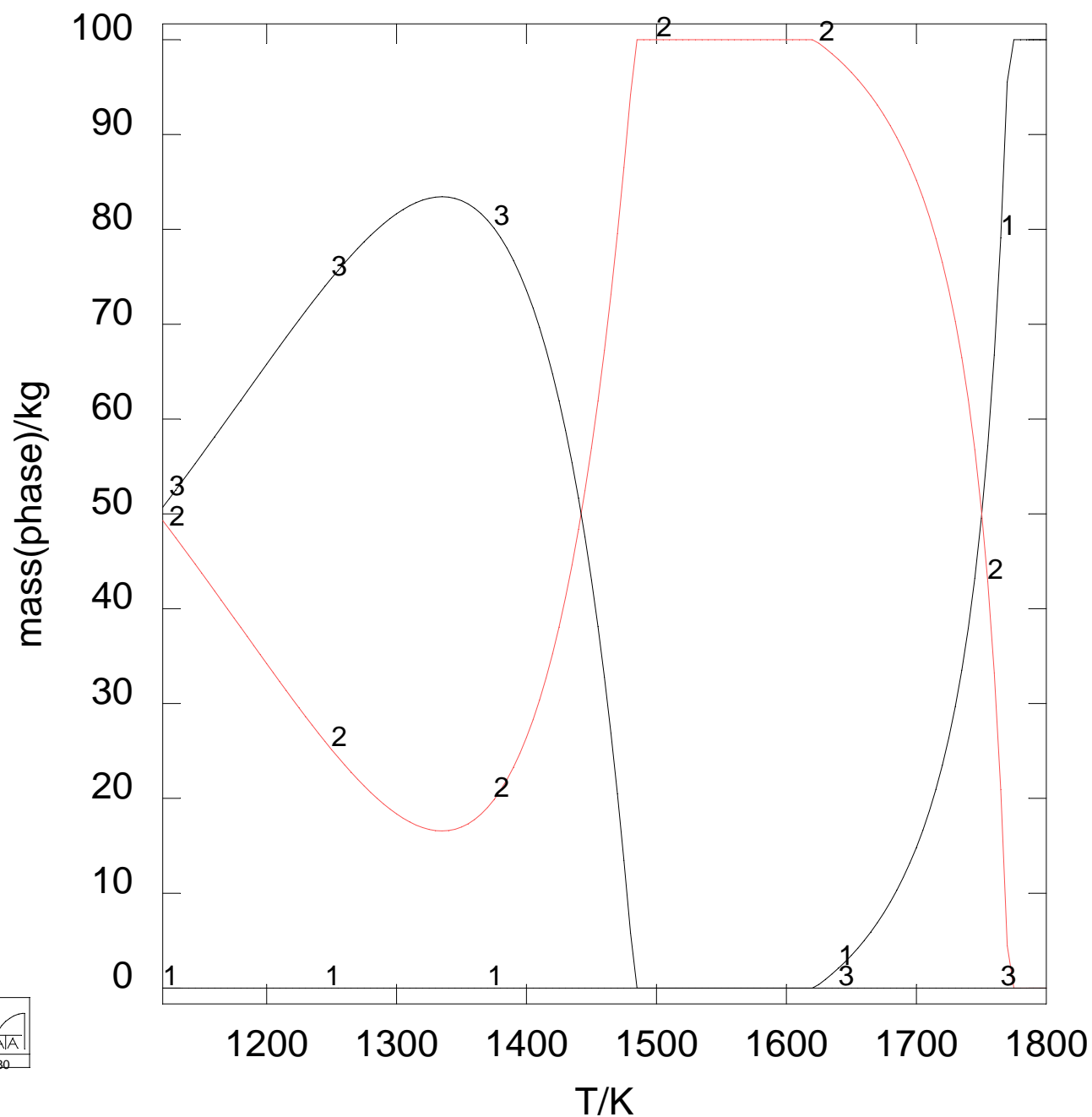
1 LIQUID 2 BCC_A2
3 FCC_A1

CONSTRAINTS

P/atm=1
mass(Fe)/kg=94.88
mass(C)/kg=0.4
mass(Si)/kg=0.2
mass(Mn)/kg=2
mass(Al)/kg=2.5
mass(P)/kg=0.02
STEPPED VARIABLE IS:
T/K
WARNING IN STAGE=1
at step value=1450
NO. OF WARNINGS=1
Stage 1
No. of calculations=137
No. shown on plot=137

Data C:\MTDATA\Work\cu-free.mpi
Results C:\MTDATA\Work\cu-free18.gph
Log C:\MTDATA\WORK\mt35.log
Calculated 18:33:30 10-OCT-2007
Plotted 18:34:13 10-OCT-2007

C:\MTDATA\Work\cu-free19 18:34:01 10-OCT-2007



KEY

1 LIQUID 2 BCC_A2
3 FCC_A1

CONSTRAINTS

P/atm=1
mass(Fe)/kg=94.88
mass(C)/kg=0.4
mass(Si)/kg=0.2
mass(Mn)/kg=2
mass(Al)/kg=2.5
mass(P)/kg=0.02
Fe = PARA
Si = PARA
Mn = PARA
Al = PARA
P = PARA
Stage 1
No. of calculations=137
No. shown on plot=137



Data C:\MTDATA\Work\cu-free.mpi
Results C:\MTDATA\Work\cu-free19.gph
Log C:\MTDATA\WORK\mt36.log
Calculated 18:34:01 10-OCT-2007
Plotted 18:34:33 10-OCT-2007