Pandat仿真报告

## 输入数据

|  |  |  |  |
| --- | --- | --- | --- |
| 成分 | 含量(点1) | 含量(点2) | 含量(点3) |
| Cu | 98.0 | 98.0 | 88.0 |
| Fe | 2.0 | 2.0 | 12.0 |

## 结果数据

T phase\_name w(Cu) w(Fe) x(Cu) x(Fe) G f(@Bcc) f(@Fcc#1) f(@Fcc#2) f(@Liquid) x(Cu@Bcc) x(Fe@Bcc) x(Cu@Fcc#1) x(Fe@Fcc#1) x(Cu@Fcc#2) x(Fe@Fcc#2) x(Cu@Liquid) x(Fe@Liquid)  
C % % % % % % % % % % % %  
1095.892821 Liquid+Fcc 97.21562027 2.784379726 96.84388384 3.156116163 -72489.49422 0 1 95.51533558 4.48466442 96.84388384 3.156116163  
1095.892697 Liquid+Fcc 97.21565225 2.784347753 96.84391994 3.15608006 -72489.48429 0 1 95.51539232 4.484607685 96.84391994 3.15608006  
1095.89251 Liquid+Fcc 97.21570049 2.784299508 96.84397442 3.156025583 -72489.46933 0 1 95.51547794 4.484522062 96.84397442 3.156025583  
1095.889515 Liquid+Fcc 97.21647241 2.783527585 96.84484605 3.155153947 -72489.22995 0 1 95.51684784 4.483152162 96.84484605 3.155153949  
1095.883524 Liquid+Fcc 97.21801626 2.781983745 96.84658932 3.153410676 -72488.75113 0 1 95.5195873 4.480412702 96.84658932 3.153410676  
1095.871542 Liquid+Fcc 97.22110392 2.778896083 96.85007587 3.149924133 -72487.79327 0 1 95.52506484 4.474935156 96.85007587 3.149924133  
1095.823612 Liquid+Fcc 97.2334543 2.7665457 96.86402204 3.135977961 -72483.95902 0 1 95.54695629 4.45304371 96.86402204 3.135977961  
1095.72774 Liquid+Fcc 97.25815381 2.741846194 96.89191438 3.108085621 -72476.27667 0 1 95.59065093 4.409349067 96.89191438 3.108085623  
1095.535946 Liquid+Fcc 97.30754778 2.692452221 96.94769904 3.052300957 -72460.8553 0 1 95.67769337 4.322306626 96.94769904 3.052300957  
1095.152103 Liquid+Fcc 97.40631556 2.593684444 97.0592683 2.940731705 -72429.77463 0 1 95.85044041 4.149559592 97.05926829 2.940731705  
1094.383019 Liquid+Fcc 97.60377037 2.396229628 97.28240638 2.717593617 -72366.5696 0 1 96.19095018 3.809049819 97.28240638 2.717593617  
1093.997574 Liquid+Fcc 97.70245738 2.297542621 97.39397516 2.606024842 -72334.39039 0 1 96.35890449 3.641095511 97.39397516 2.606024843  
1093.804582 Liquid+Fcc 97.75179078 2.248209225 97.44975946 2.550240536 -72318.14401 0 1 96.44234488 3.557655124 97.44975946 2.550240536  
1093.708014 Liquid+Fcc 97.77645495 2.223545054 97.4776516 2.522348404 -72309.97997 0 1 96.48393526 3.516064744 97.47765159 2.52234841  
1093.659711 Liquid+Fcc 97.7887864 2.2112136 97.49159766 2.508402344 -72305.88753 0 1 96.50469857 3.495301433 97.49159766 2.508402344  
1093.635555 Liquid+Fcc 97.79495197 2.205048032 97.49857069 2.501429315 -72303.83867 0 1 96.51507231 3.484927689 97.49857068 2.501429315  
1093.623476 Liquid+Fcc 97.79803471 2.201965287 97.5020572 2.497942801 -72302.81359 0 1 96.52025722 3.47974278 97.5020572 2.497942799  
1093.605356 Liquid+Fcc 97.80265878 2.197341219 97.50728697 2.49271303 -72301.27512 0 1 96.52803212 3.471967882 97.50728697 2.49271303  
1093.593274 Liquid+Fcc 97.80574146 2.19425854 97.51077348 2.489226517 -72300.24892 0 1 96.53321375 3.466786248 97.51077348 2.489226518  
1093.581192 Liquid+Fcc 97.80882411 2.191175887 97.51426 2.485740004 -72299.22229 0 1 96.53839408 3.461605922 97.51425999 2.485740008  
1093.557026 Liquid+Fcc 97.81498934 2.185010661 97.52123302 2.478766978 -72297.16767 0 1 96.54875085 3.451249154 97.52123302 2.478766978  
1093.508683 Liquid+Fcc 97.82731948 2.172680524 97.53517907 2.46482093 -72293.05305 0 1 96.56944882 3.430551179 97.53517906 2.464820936  
1093.411957 Liquid+Fcc 97.85197848 2.148021516 97.56307115 2.436928846 -72284.80207 0 1 96.61078314 3.389216857 97.56307115 2.436928846  
1093.218341 Liquid+Fcc 97.90129144 2.098708556 97.61885527 2.381144726 -72268.21136 0 1 96.693209 3.306791 97.61885527 2.381144727  
1092.830412 Liquid+Fcc 97.99989713 2.000102873 97.7304233 2.269576697 -72234.66011 0 1 96.85712114 3.142878857 97.7304233 2.269576697  
1092.830033 Liquid+Fcc 97.99999341 2.000006592 97.73053226 2.269467744 -72234.6271 0 1 96.85728062 3.142719385 97.73053225 2.269467746  
   
1095.892821 Liquid+Fcc 97.21562027 2.784379726 96.84388384 3.156116163 -72489.49422 0 1 7.50099968 92.49900032 96.84388384 3.156116163  
1096.078055 Liquid+Fcc 97.21293419 2.787065815 96.84085079 3.159149212 -72505.29006 0 1 7.504467719 92.49553228 96.84085079 3.159149212  
1096.263163 Liquid+Fcc 97.21024748 2.789752516 96.83781707 3.16218293 -72521.07604 0 1 7.507934098 92.4920659 96.83781707 3.16218293  
1096.632995 Liquid+Fcc 97.20487223 2.795127768 96.83174761 3.168252387 -72552.61813 0 1 7.514861679 92.48513832 96.83174761 3.168252387  
1097.371129 Liquid+Fcc 97.19411436 2.805885641 96.81960065 3.180399354 -72615.58296 0 1 7.528696113 92.47130389 96.81960065 3.180399354  
1098.841302 Liquid+Fcc 97.17256935 2.827430652 96.79527475 3.204725253 -72741.03671 0 1 7.556282026 92.44371797 96.79527475 3.204725252  
1101.757436 Liquid+Fcc 97.12936394 2.870636056 96.74649701 3.253502986 -72990.05157 0 1 7.611121944 92.38887806 96.74649701 3.253502986  
1107.494259 Liquid+Fcc 97.04250494 2.957495058 96.64845306 3.35154694 -73480.60367 0 1 7.719471656 92.28052834 96.64845306 3.35154694  
1118.597135 Liquid+Fcc 96.86709518 3.132904819 96.45052683 3.549473175 -74432.53209 0 1 7.930846489 92.06915351 96.45052683 3.549473175  
1129.225883 Liquid+Fcc 96.68961463 3.310385368 96.25036097 3.749639031 -75346.92617 0 1 8.135131909 91.86486809 96.25036097 3.749639031  
1139.404448 Liquid+Fcc 96.51026005 3.489739953 96.04818057 3.951819429 -76225.43922 0 1 8.332380989 91.66761901 96.04818057 3.951819429  
1149.155866 Liquid+Fcc 96.32920711 3.670792892 95.84418657 4.15581343 -77069.69093 0 1 8.52267984 91.47732016 95.84418657 4.15581343  
1158.502164 Liquid+Fcc 96.14661253 3.853387467 95.63855819 4.361441815 -77881.25399 0 1 8.706141129 91.29385887 95.63855819 4.361441815  
1167.464298 Liquid+Fcc 95.96261607 4.037383925 95.43145521 4.568544787 -78661.64499 0 1 8.882898564 91.11710144 95.43145521 4.568544787  
1176.062136 Liquid+Fcc 95.77734236 4.222657636 95.22302014 4.776979865 -79412.3187 0 1 9.053102233 90.94689777 95.22302014 4.776979865  
1184.31446 Liquid+Fcc 95.59090259 4.409097411 95.01338006 4.986619944 -80134.6648 0 1 9.216914675 90.78308533 95.01338006 4.986619944  
1192.238984 Liquid+Fcc 95.40339602 4.596603982 94.80264844 5.197351563 -80830.00664 0 1 9.374507606 90.62549239 94.80264844 5.197351563  
1196.083553 Liquid+Fcc 95.30927132 4.69072868 94.69690602 5.303093982 -81167.94445 0 1 9.451026807 90.54897319 94.69690602 5.303093982  
1199.852352 Liquid+Fcc 95.2149124 4.785087597 94.59092784 5.409072165 -81499.59766 0 1 9.526058354 90.47394165 94.59092784 5.409072165  
1199.968928 Liquid+Fcc 95.21196003 4.788039975 94.58761235 5.412387654 -81509.86216 0 1 9.528379344 90.47162066 94.58761235 5.412387654  
1199.99806 Liquid+Fcc 95.2112219 4.788778104 94.58678344 5.413216561 -81512.42734 0 1 9.528959393 90.47104061 94.58678344 5.413216561  
1199.999881 Liquid+Fcc 95.21117576 4.788824237 94.58673163 5.413268368 -81512.58766 0 1 9.528995646 90.47100435 94.58673163 5.413268372  
   
1095.892821 Liquid+Fcc+Fcc 97.21562027 2.784379726 96.84388384 3.156116163 -72489.49422 0 0 1 95.51533558 4.48466442 7.50099968 92.49900032 96.84388384 3.156116163  
1095.892821 Liquid+Fcc+Fcc 97.21253099 2.787469011 96.84039551 3.159604487 -72489.42614 0 3.904392847E-05 0.9999609561 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 97.20944168 2.790558322 96.83690719 3.163092811 -72489.35806 0 7.808815893E-05 0.9999219118 95.51533553 4.48466447 7.500999635 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 97.20326298 2.796737024 96.82993054 3.170069459 -72489.2219 0 0.00015617662 0.9998438234 95.51533553 4.48466447 7.500999635 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 97.19090526 2.809094742 96.81597724 3.184022756 -72488.94958 0 0.0003123535416 0.9996876465 95.51533553 4.48466447 7.500999635 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 97.16618856 2.833811436 96.78807065 3.211929349 -72488.40494 0 0.0006247073849 0.9993752926 95.51533553 4.48466447 7.500999635 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 97.11675014 2.883249858 96.73225746 3.267742536 -72487.31567 0 0.001249415072 0.9987505849 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 97.01785316 2.982146843 96.62063109 3.379368909 -72485.13712 0 0.002498830445 0.9975011696 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 96.81997858 3.180021415 96.39737835 3.602621655 -72480.78002 0 0.004997661191 0.9950023388 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 96.62199647 3.37800353 96.1741256 3.825874401 -72476.42292 0 0.007496491938 0.9925035081 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 96.42390672 3.576093276 95.95087285 4.049127146 -72472.06582 0 0.009995322684 0.9900046773 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 96.22570926 3.774290739 95.72762011 4.272379892 -72467.70871 0 0.01249415343 0.9875058466 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 96.02740399 3.972596008 95.50436736 4.495632638 -72463.35161 0 0.01499298418 0.9850070158 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 95.82899083 4.171009172 95.28111462 4.718885384 -72458.99451 0 0.01749181492 0.9825081851 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 95.63046968 4.369530317 95.05786187 4.94213813 -72454.63741 0 0.01999064567 0.9800093543 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 95.43184047 4.568159533 94.83460912 5.165390876 -72450.28031 0 0.02248947642 0.9775105236 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 95.23310309 4.766896907 94.61135638 5.388643622 -72445.92321 0 0.02498830716 0.9750116928 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 95.03425747 4.965742528 94.38810363 5.611896368 -72441.56611 0 0.02748713791 0.9725128621 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 94.83530352 5.164696485 94.16485089 5.835149114 -72437.20901 0 0.02998596866 0.9700140313 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 94.63624113 5.363758865 93.94159814 6.05840186 -72432.85191 0 0.0324847994 0.9675152006 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 94.43707024 5.562929758 93.71834539 6.281654606 -72428.49481 0 0.03498363015 0.9650163699 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 94.23779075 5.762209252 93.49509265 6.504907352 -72424.13771 0 0.03748246089 0.9625175391 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 94.03840256 5.961597437 93.2718399 6.728160098 -72419.78061 0 0.03998129164 0.9600187084 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 93.8389056 6.1610944 93.04858716 6.951412844 -72415.42351 0 0.04248012239 0.9575198776 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 93.63929977 6.360700232 92.82533441 7.17466559 -72411.06641 0 0.04497895313 0.9550210469 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 93.43958498 6.56041502 92.60208166 7.397918336 -72406.70931 0 0.04747778388 0.9525222161 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 93.23976114 6.760238856 92.37882892 7.621171082 -72402.35221 0 0.04997661463 0.9500233854 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 93.03982817 6.960171827 92.15557617 7.844423828 -72397.99511 0 0.05247544537 0.9475245546 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 92.83978598 7.160214024 91.93232343 8.067676574 -72393.63801 0 0.05497427612 0.9450257239 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 92.63963446 7.360365535 91.70907068 8.29092932 -72389.28091 0 0.05747310687 0.9425268931 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 92.43937355 7.560626451 91.48581793 8.514182066 -72384.92381 0 0.05997193761 0.9400280624 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 92.23900314 7.760996861 91.26256519 8.737434812 -72380.56671 0 0.06247076836 0.9375292316 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 92.03852314 7.961476855 91.03931244 8.960687558 -72376.20961 0 0.0649695991 0.9350304009 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 91.83793348 8.162066523 90.8160597 9.183940304 -72371.85251 0 0.06746842985 0.9325315701 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 91.63723405 8.362765955 90.59280695 9.40719305 -72367.49541 0 0.0699672606 0.9300327394 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 91.43642476 8.563575241 90.3695542 9.630445795 -72363.13831 0 0.07246609134 0.9275339087 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 91.23550553 8.764494471 90.14630146 9.853698541 -72358.78121 0 0.07496492209 0.9250350779 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 91.03447626 8.965523736 89.92304871 10.07695129 -72354.42411 0 0.07746375284 0.9225362472 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 90.83333687 9.166663126 89.69979597 10.30020403 -72350.06701 0 0.07996258358 0.9200374164 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 90.63208727 9.367912731 89.47654322 10.52345678 -72345.70991 0 0.08246141433 0.9175385857 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 90.43072736 9.569272643 89.25329047 10.74670953 -72341.35281 0 0.08496024508 0.9150397549 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 90.22925705 9.770742951 89.03003773 10.96996227 -72336.99571 0 0.08745907582 0.9125409242 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 90.02767625 9.972323748 88.80678498 11.19321502 -72332.63861 0 0.08995790657 0.9100420934 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 89.82598488 10.17401512 88.58353224 11.41646776 -72328.28151 0 0.09245673731 0.9075432627 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892822 Liquid+Fcc+Fcc 89.62418283 10.37581717 88.36027949 11.63972051 -72323.92442 0 0.09495556805 0.905044432 95.51533553 4.484664473 7.500999637 92.49900036 96.84388381 3.156116191  
1095.892822 Liquid+Fcc+Fcc 89.42227003 10.57772997 88.13702674 11.86297326 -72319.56732 0 0.0974543988 0.9025456012 95.51533553 4.484664472 7.500999639 92.49900036 96.84388381 3.156116191  
1095.892821 Liquid+Fcc+Fcc 89.22024637 10.77975363 87.913774 12.086226 -72315.21021 0 0.09995322956 0.9000467704 95.51533553 4.48466447 7.500999635 92.49900037 96.84388381 3.15611619  
1095.892821 Liquid+Fcc+Fcc 89.01811177 10.98188823 87.69052125 12.30947875 -72310.85309 0 0.1024520603 0.8975479397 95.51533553 4.484664467 7.500999631 92.49900037 96.84388381 3.156116188  
1095.892821 Liquid+Fcc+Fcc 88.81586614 11.18413386 87.46726851 12.53273149 -72306.496 0 0.104950891 0.895049109 95.51533553 4.48466447 7.500999634 92.49900037 96.84388381 3.15611619  
1095.892822 Liquid+Fcc+Fcc 88.61350938 11.38649062 87.24401576 12.75598424 -72302.13891 0 0.1074497218 0.8925502782 95.51533553 4.484664473 7.500999637 92.49900036 96.84388381 3.156116191  
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## 结果图片

