

# FCC結晶のSchmid因子

FCCは  $\{111\}$ 面によるすべり系  
引っ張り、圧縮を新しい逆極点図で示す  
 $\{112\} \langle -1-11 \rangle$ の回転

# FCCSchmid因子

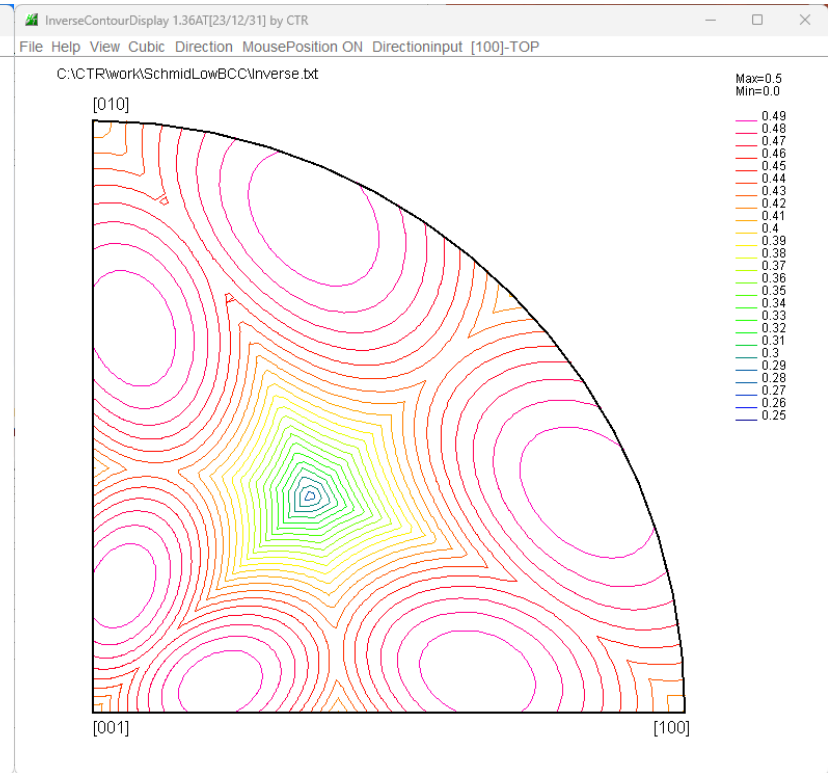
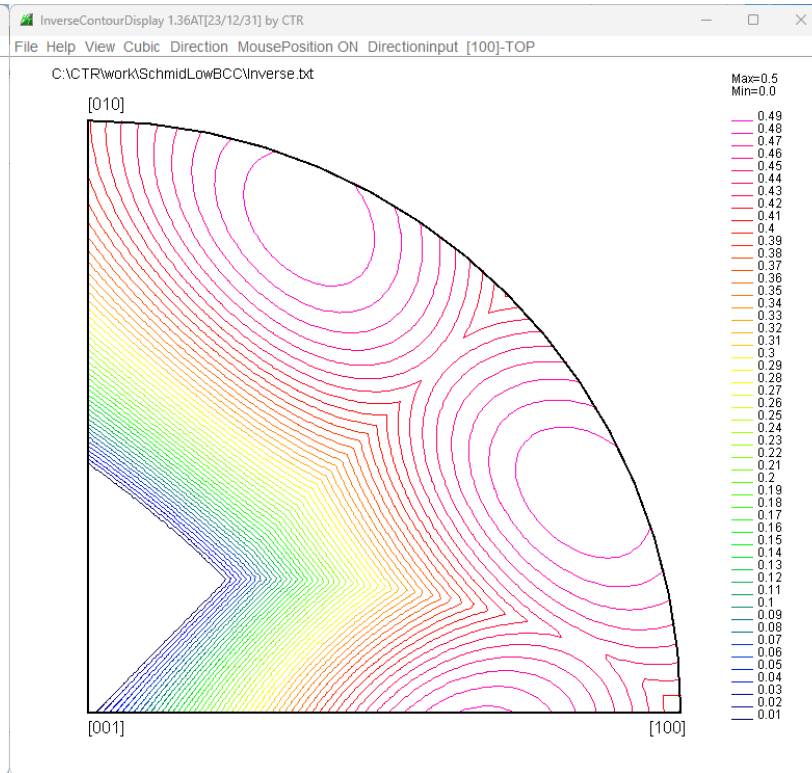
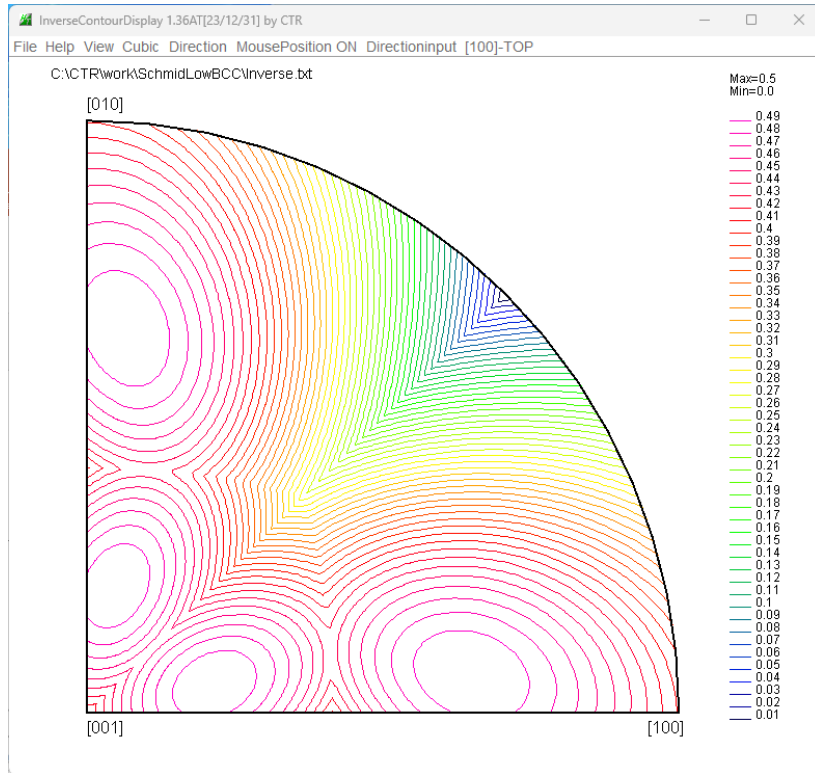
Slip Systems

{011}<11-1>    {112}<11-1>    {123}<11-1>    FCC{111}<1-10>

引っ張り (SF)

圧縮(-SF)

絶対値(abs(SF))



# {112}<-1-11>のND-RD回転(SF)-Triclinic

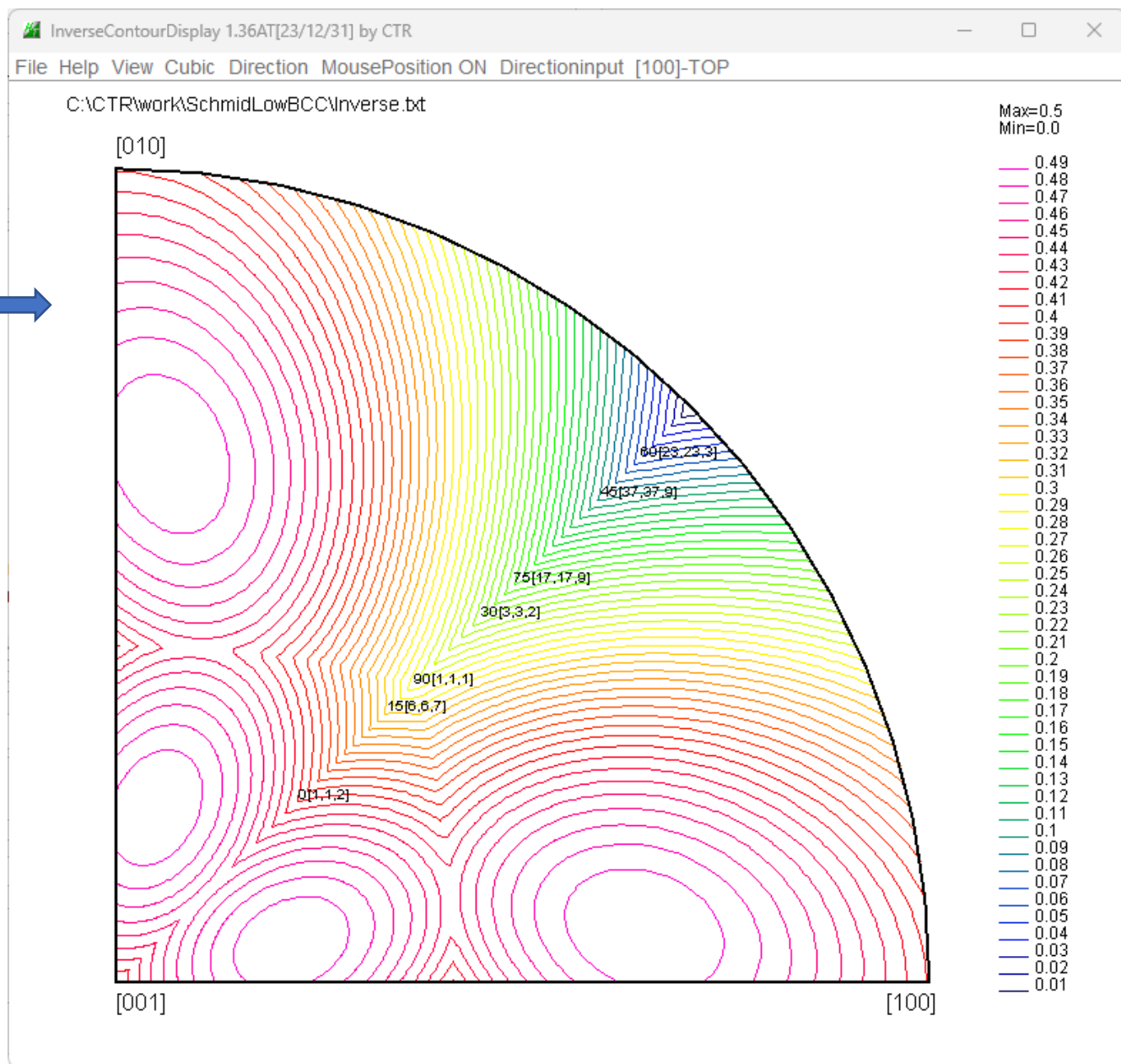
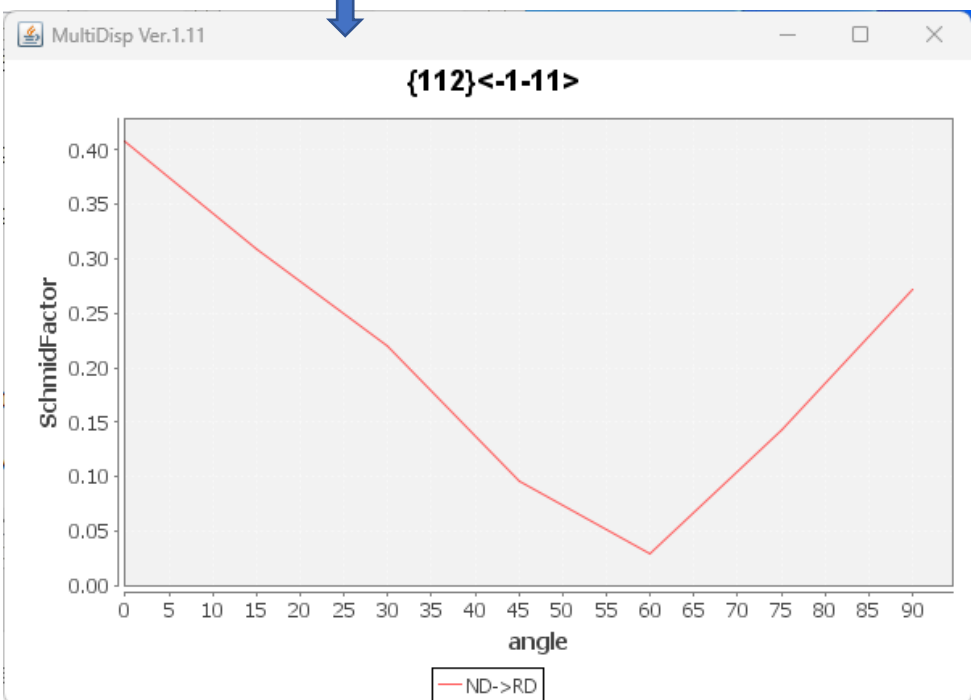
OBJFILE= {112}<-1-11>

COMMENT

AXIS=angle ND->RD

DATA-NUMBER=7

0.0	0.4082	0	35.26439	45.0	1,1,2
15.0	0.3087	15	50.4788	45.0	6,6,7
30.0	0.2194	30	64.7606	45.0	3,3,2
45.0	0.0962	45	80.24068	45.0	37,37,9
60.0	0.0298	60	84.73044	45.0	23,23,3
75.0	0.1428	75	69.47658	45.0	17,17,9
90.0	0.2722	90	54.73561	45.0	1,1,1



# {112}<-1-11>のND-RD回轉(abs(SF))-Orthorombic

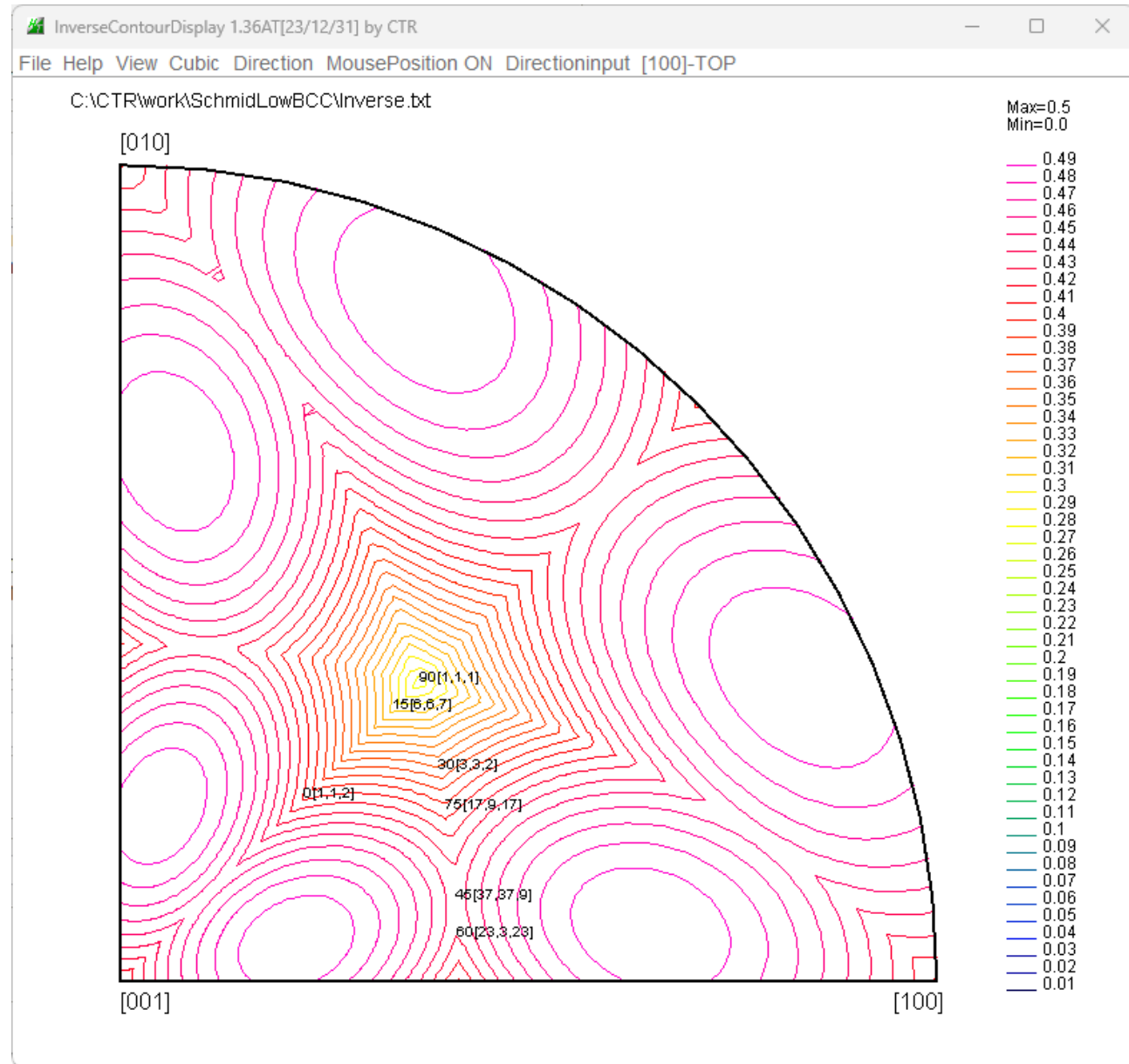
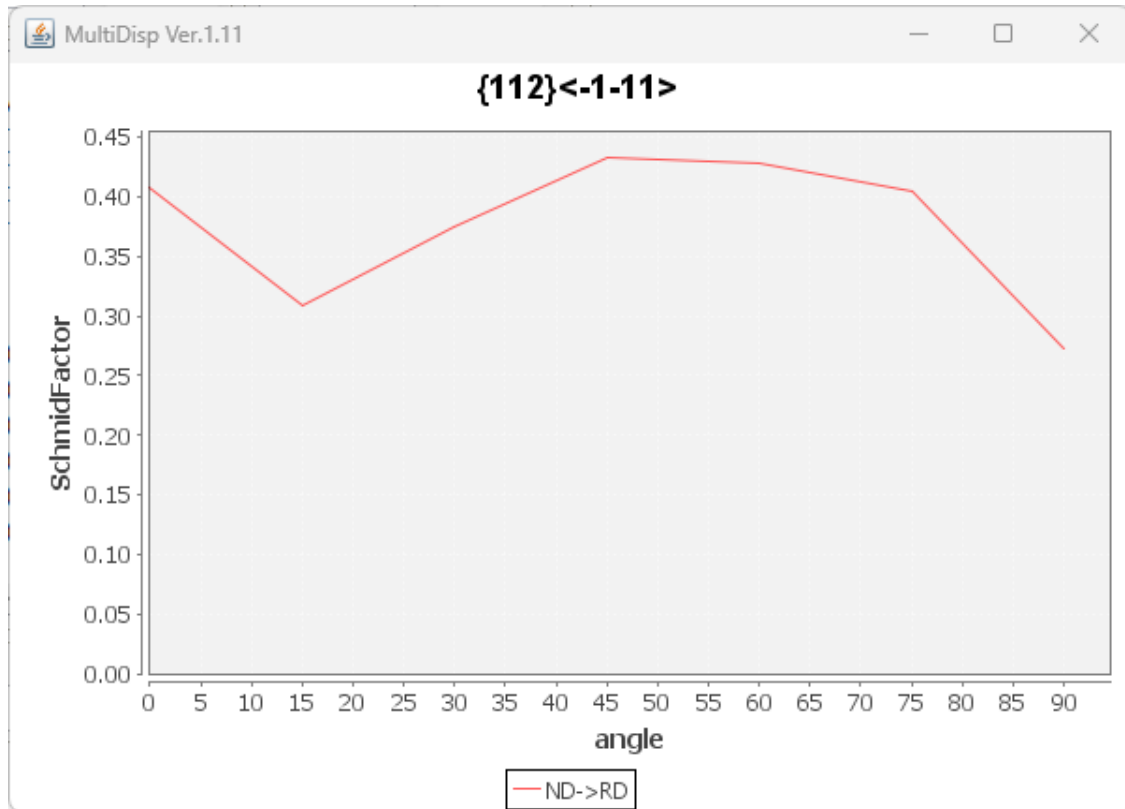
OBJFILE= {112}<-1-11>

COMMENT

AXIS=angle ND->RD

DATA-NUMBER=7

0.0	0.4082	0	35.26439	45.0	1,1,2
15.0	0.3087	15	50.4788	45.0	6,6,7
30.0	0.375	30	50.23784	33.69007	3,3,2
45.0	0.433	45	45.82327	13.67131	37,37,9
60.0	0.4277	60	45.24164	7.43141	23,3,23
75.0	0.4041	75	48.53014	27.89727	17,9,17
90.0	0.2722	90	54.73561	45.0	1,1,1



# {112}<-1-11>のND-TD回転(SF)-Triclinic

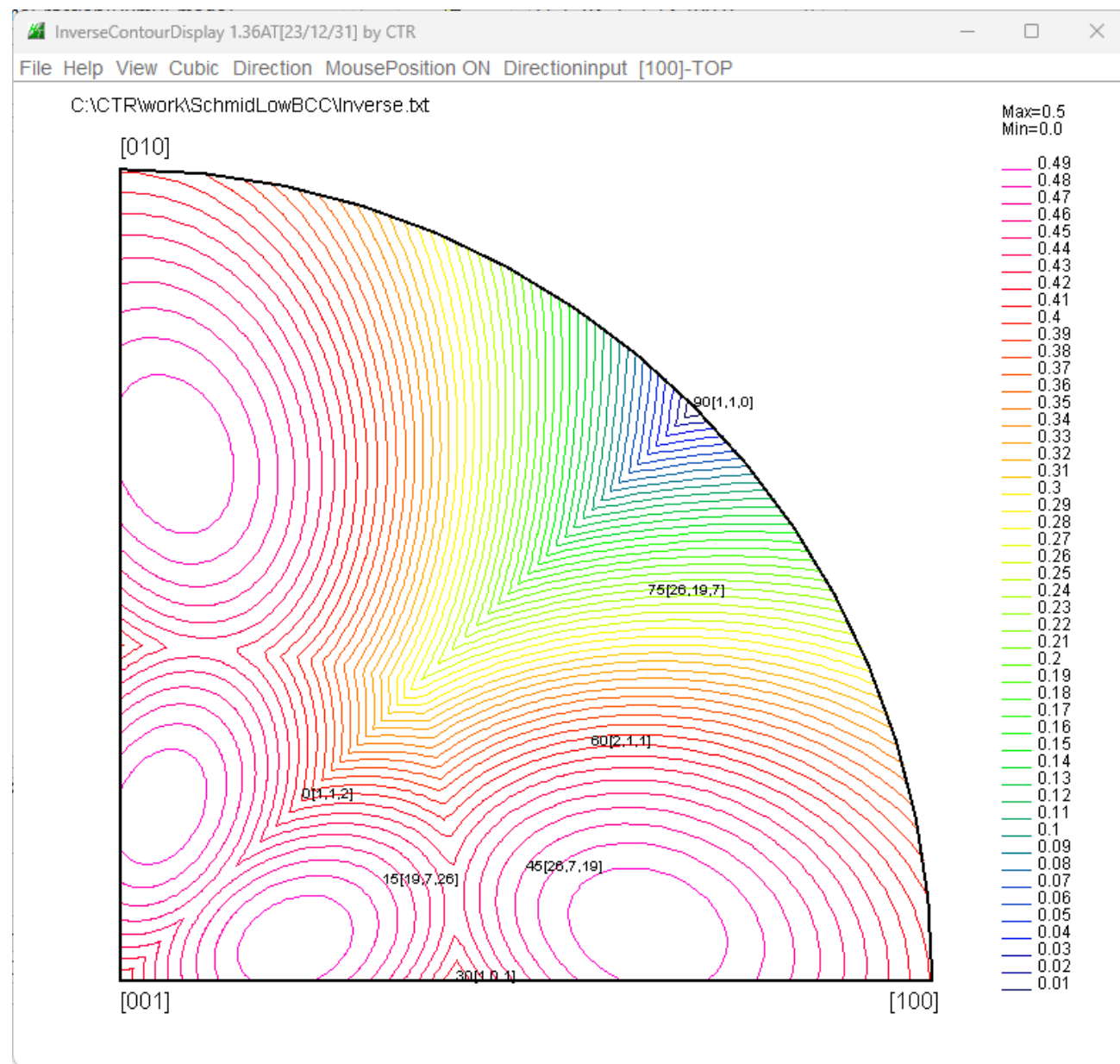
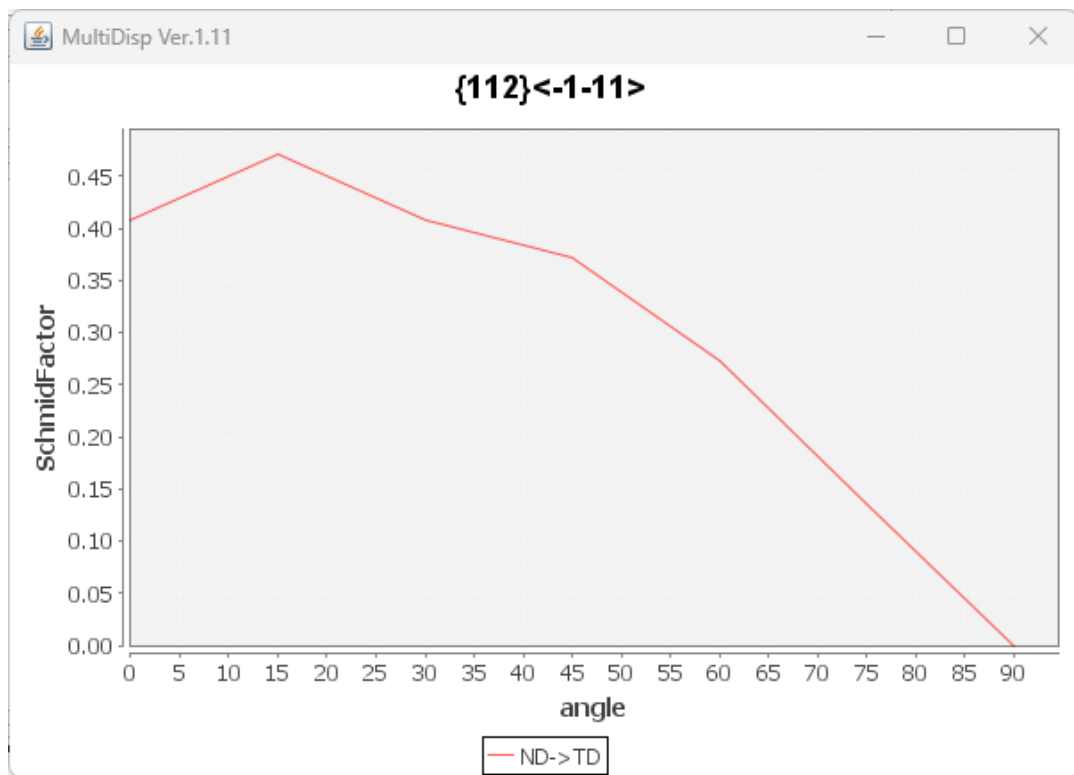
OBJFILE= {112}<-1-11>

COMMENT

AXIS=angle ND->TD

DATA-NUMBER=7

0.0	0.4082	0	35.26439	45.0	1,1,2
15.0	0.4714	15	37.91099	20.22486	19,7,26
30.0	0.4082	30	45.0	0.0	1,0,1
45.0	0.3718	45	54.79159	15.06849	26,7,19
60.0	0.2722	60	65.90516	26.56505	2,1,1
75.0	0.1361	75	77.73614	36.15819	26,19,7
90.0	0.0	90	90.0	45.0	1,1,0



# {112}<-1-11>のND-TD回轉(abs(SF))-Orthorombic

OBJFILE= {112}<-1-11>

COMMENT

AXIS=angle ND->TD

DATA-NUMBER=7

0.0	0.4082	0	35.26439	45.0	1,1,2
15.0	0.4714	15	37.91099	20.22486	19,7,26
30.0	0.4082	30	45.0	0.0	1,0,1
45.0	0.4714	45	37.91099	20.22486	7,26,19
60.0	0.4082	60	35.26439	45.0	1,2,1
75.0	0.4714	75	37.91099	20.22486	19,26,7
90.0	0.4082	90	45.0	0.0	1,0,1

MultiDisp Ver.1.11

{112}<-1-11>

