

BCC結晶のSchmid因子

BCCは $\{0\ 1\ 1\}$ $\{1\ 1\ 2\}$ $\{1\ 2\ 3\}$ のすべり系
引っ張り、圧縮を新しい逆極点図で示す
 $\{1\ 1\ 2\} \leftarrow -1\ -1\ 1$ の回転

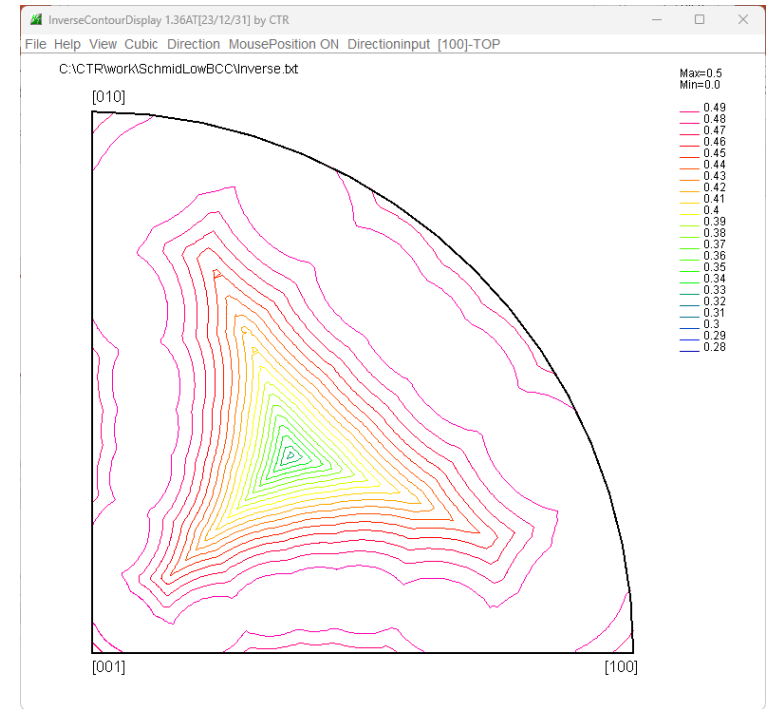
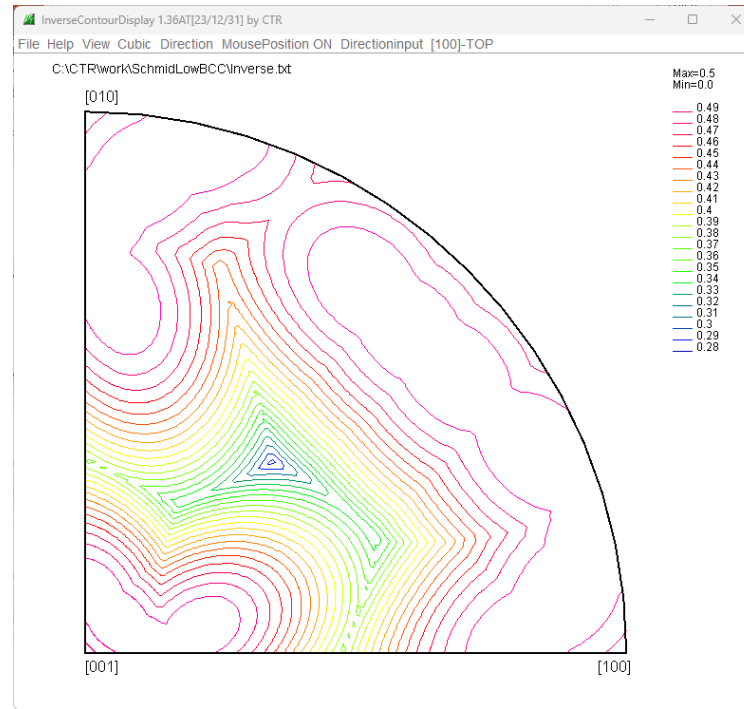
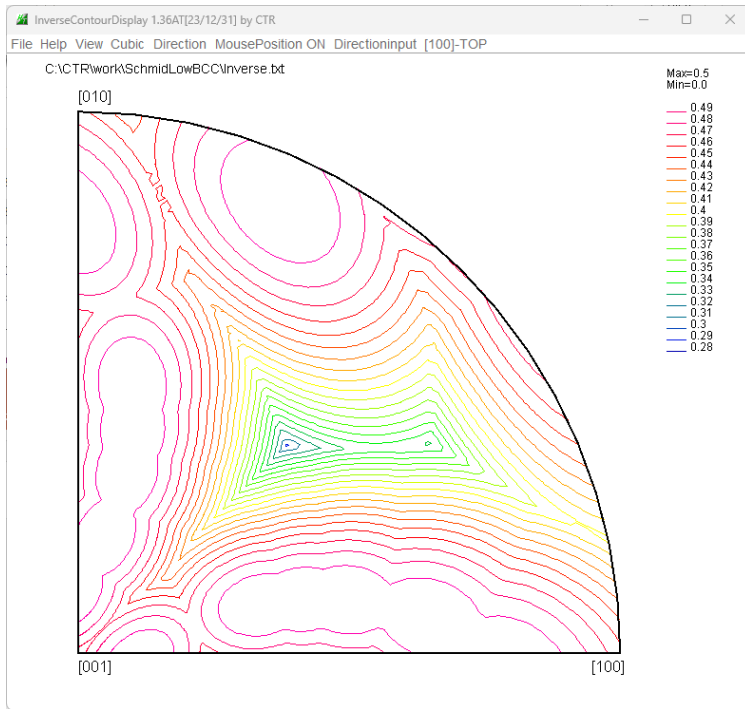
BCCSchmid因子

{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回轉(SF)-Triclinic

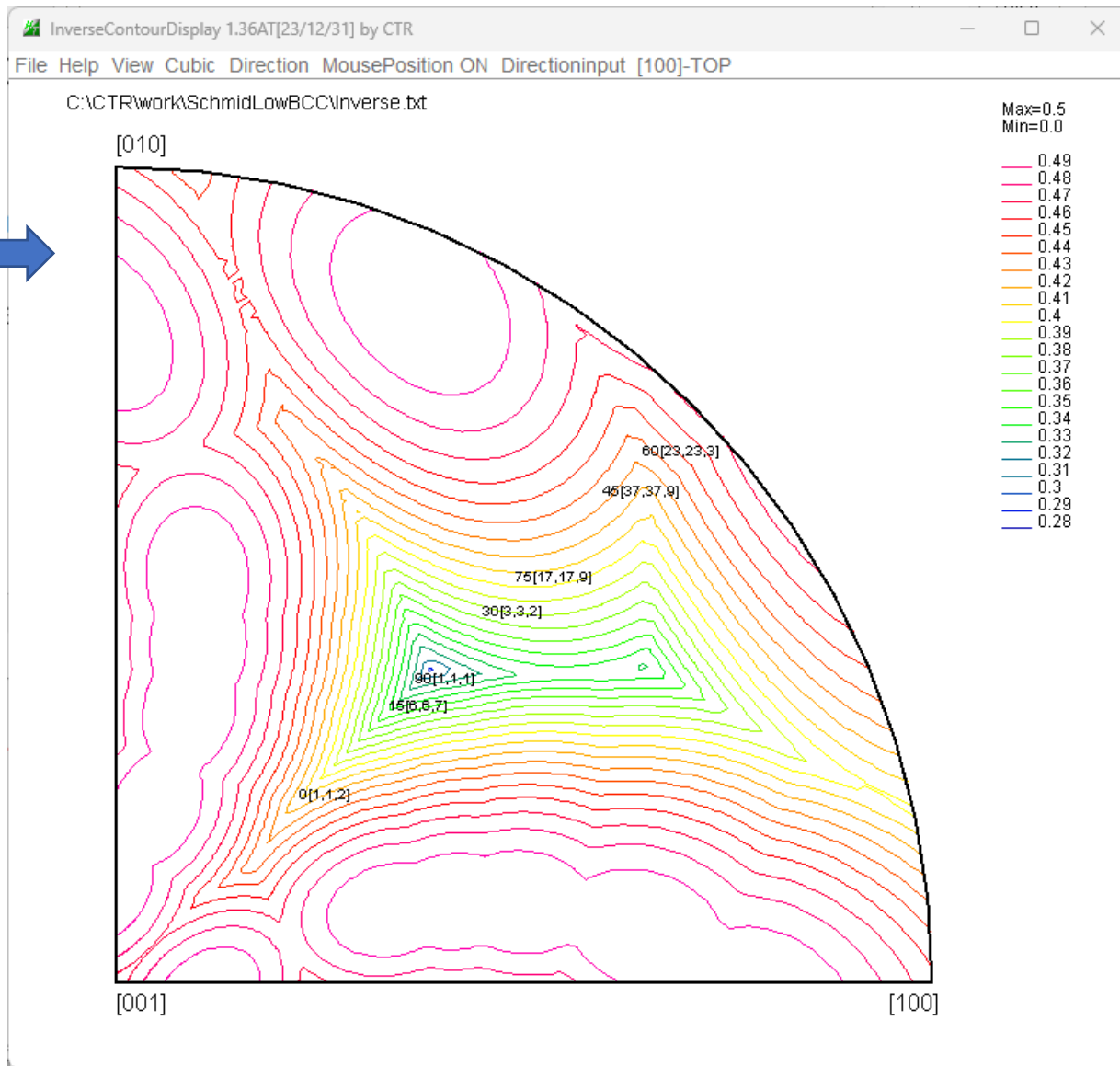
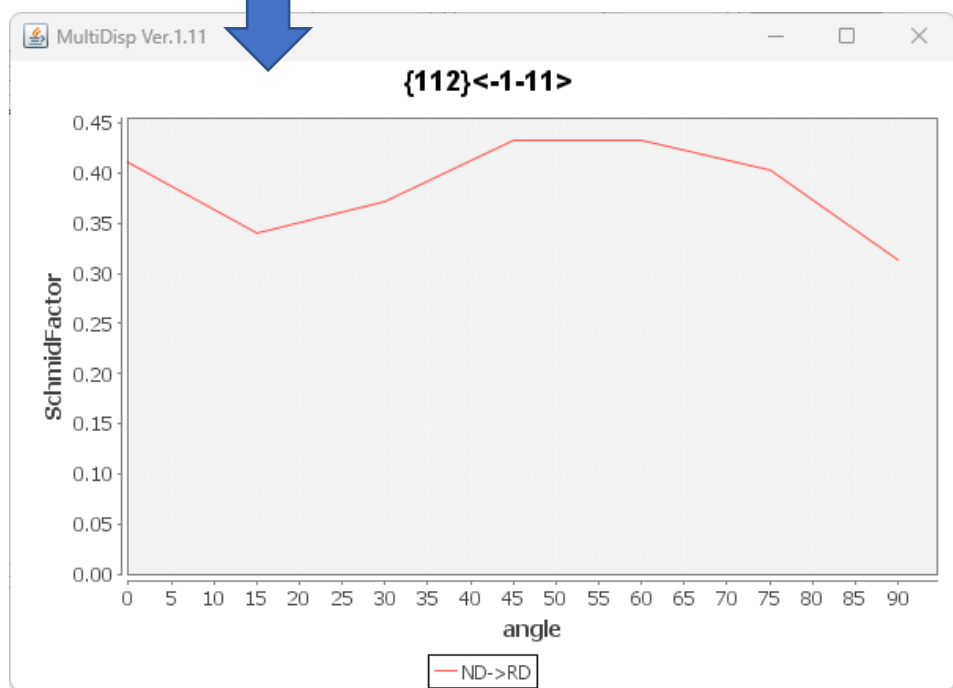
OBJFILE= {112}<-1-11>

COMMENT

AXIS=angle ND->RD

DATA-NUMBER=7

0.0	0.4115	0	35.26439	45.0	1,1,2
15.0	0.3409	15	50.4788	45.0	6,6,7
30.0	0.3711	30	64.7606	45.0	3,3,2
45.0	0.433	45	80.24068	45.0	37,37,9
60.0	0.433	60	84.73044	45.0	23,23,3
75.0	0.4027	75	69.47658	45.0	17,17,9
90.0	0.3143	90	54.73561	45.0	1,1,1



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

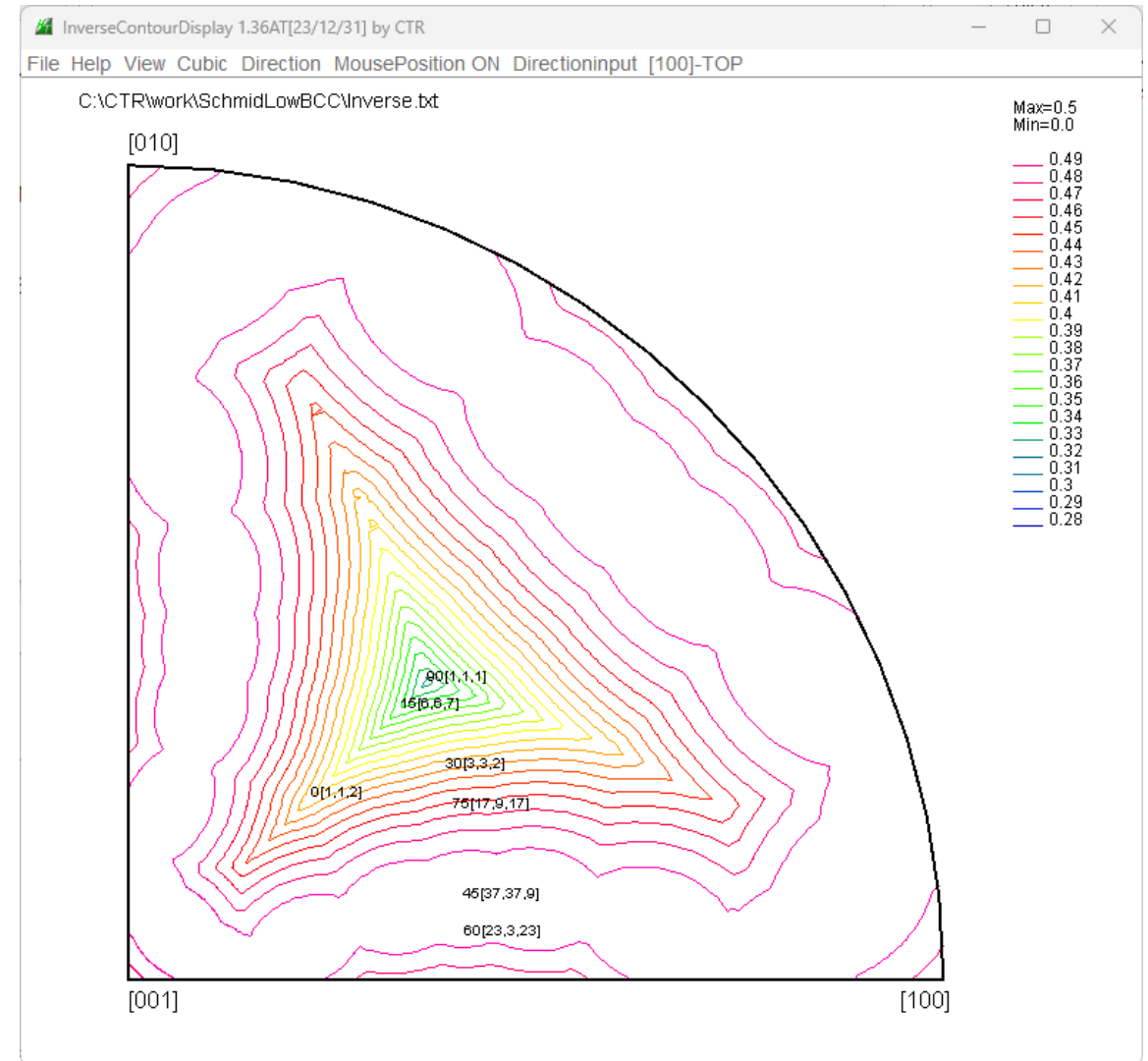
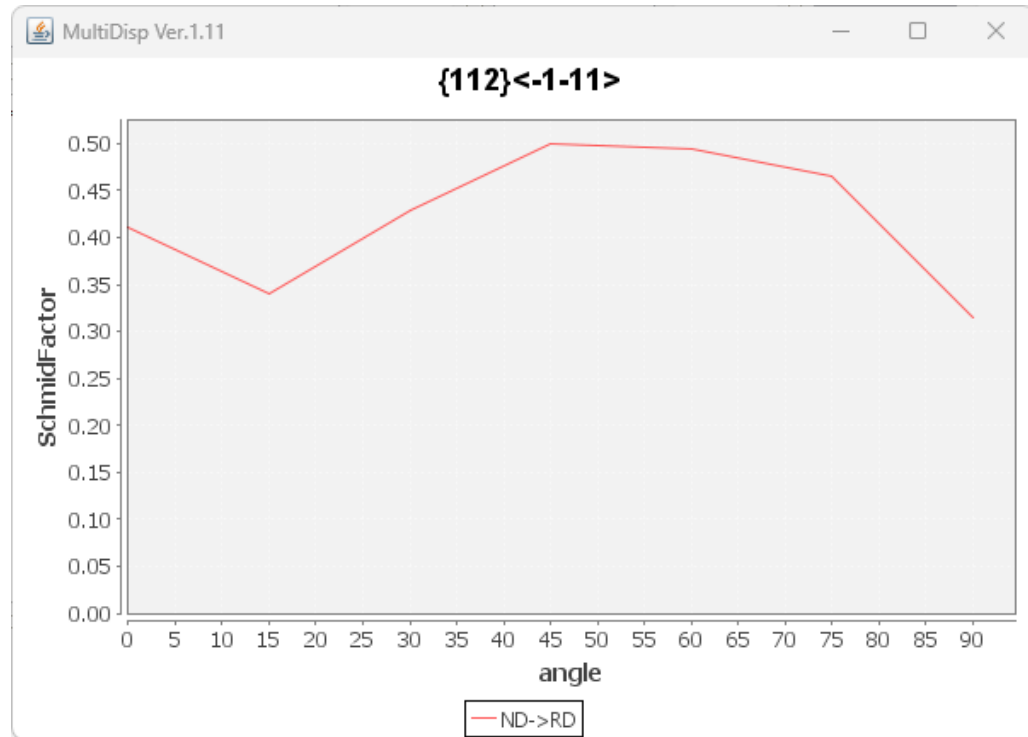
OBJFILE= {112}<-1-11>

COMMENT

AXIS=angle ND->RD

DATA-NUMBER=7

0.0	0.4115	0	35.26439	45.0	1,1,2
15.0	0.3409	15	50.4788	45.0	6,6,7
30.0	0.4285	30	50.23784	33.69007	3,3,2
45.0	0.5	45	45.82327	13.67131	37,37,9
60.0	0.4939	60	45.24164	7.43141	23,3,23
75.0	0.465	75	48.53014	27.89727	17,9,17
90.0	0.3143	90	54.73561	45.0	1,1,1



{112}<-1-11>のND-TD回転(SF)-Triclinic

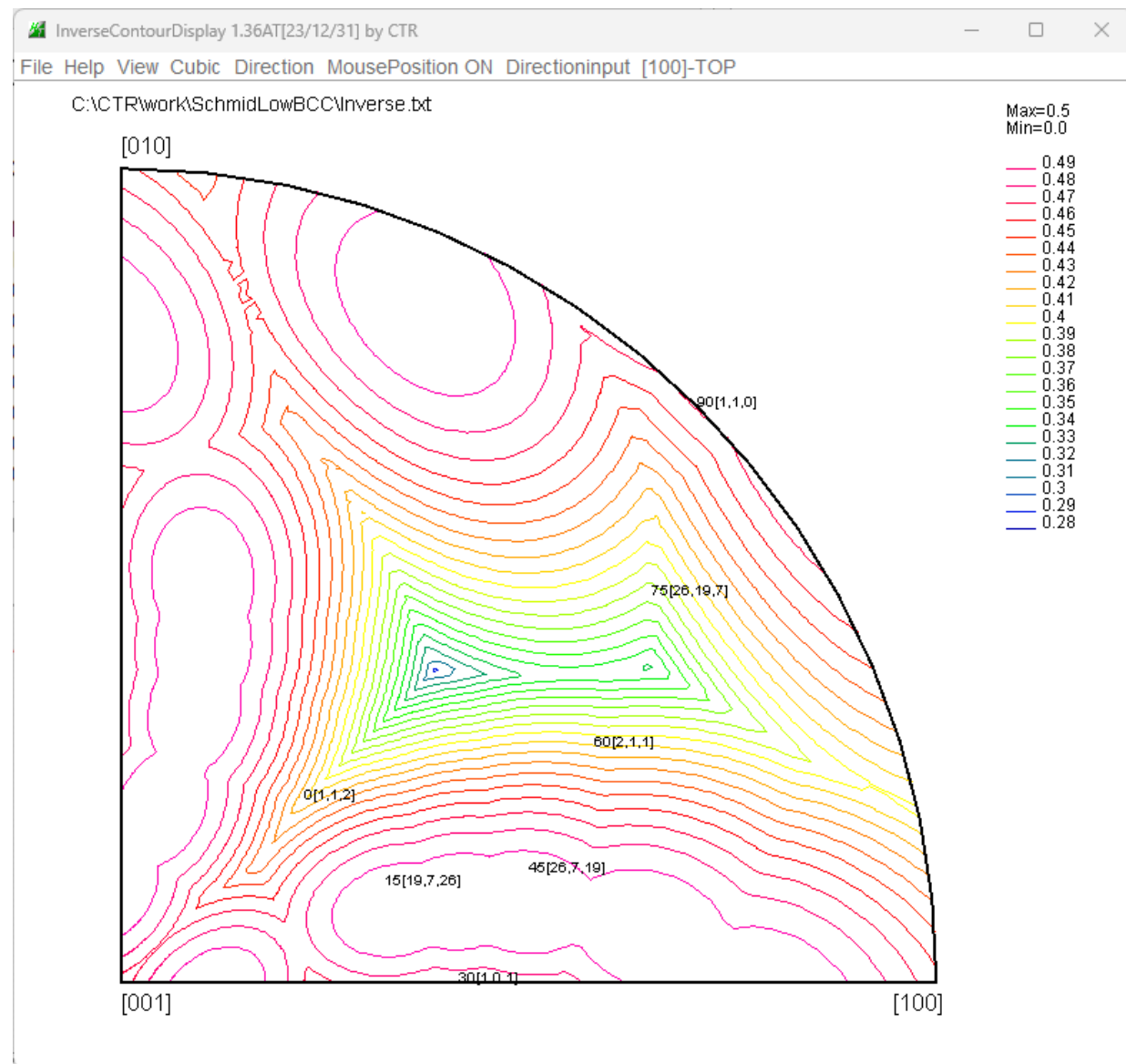
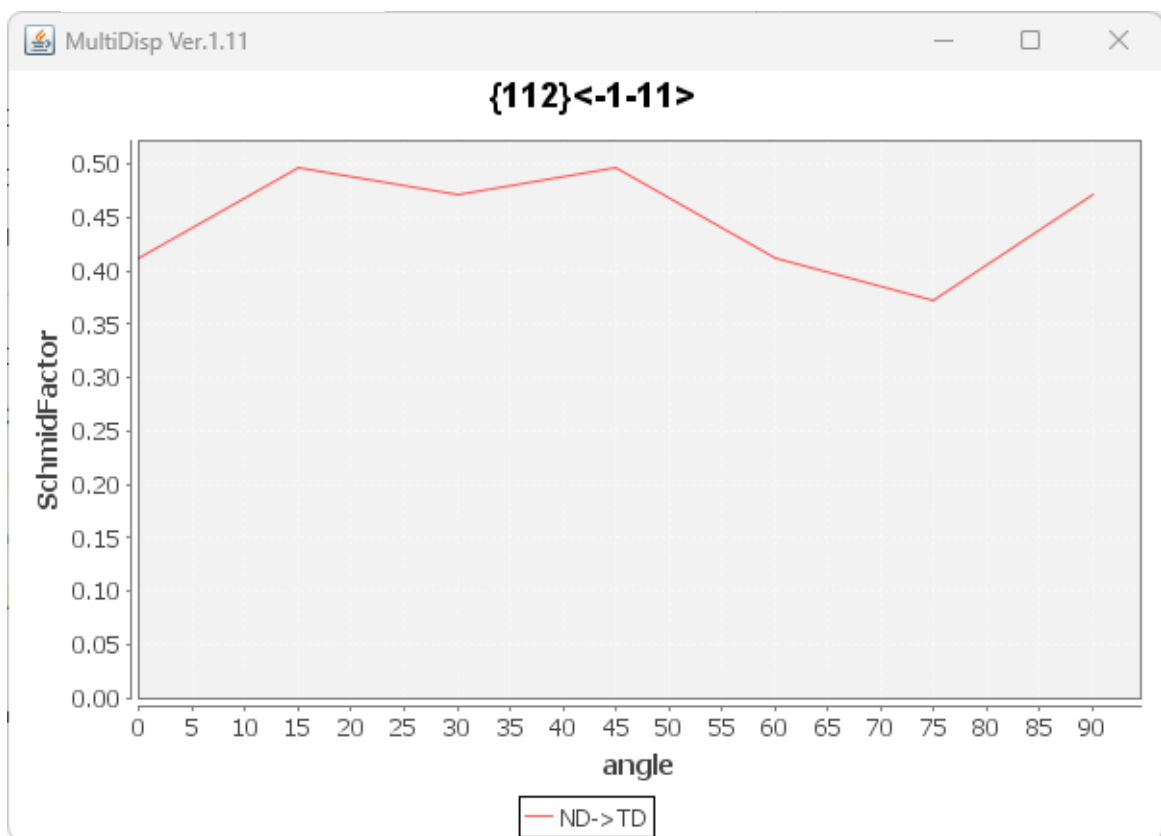
OBJFILE= {112}<-1-11>

COMMENT

AXIS=angle ND->TD

DATA-NUMBER=7

0.0	0.4115	0	35.26439	45.0	1,1,2
15.0	0.4967	15	37.91099	20.22486	19,7,26
30.0	0.4714	30	45.0	0.0	1,0,1
45.0	0.4967	45	54.79159	15.06849	26,7,19
60.0	0.4115	60	65.90516	26.56505	2,1,1
75.0	0.3714	75	77.73614	36.15819	26,19,7
90.0	0.4714	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	0.4115	0	35.26439	45.0	1,1,2
15.0	0.4967	15	37.91099	20.22486	19,7,26
30.0	0.4714	30	45.0	0.0	1,0,1
45.0	0.4967	45	37.91099	20.22486	7,26,19
60.0	0.4115	60	35.26439	45.0	1,2,1
75.0	0.4967	75	37.91099	20.22486	19,26,7
90.0	0.4714	90	45.0	0.0	1,0,1

