

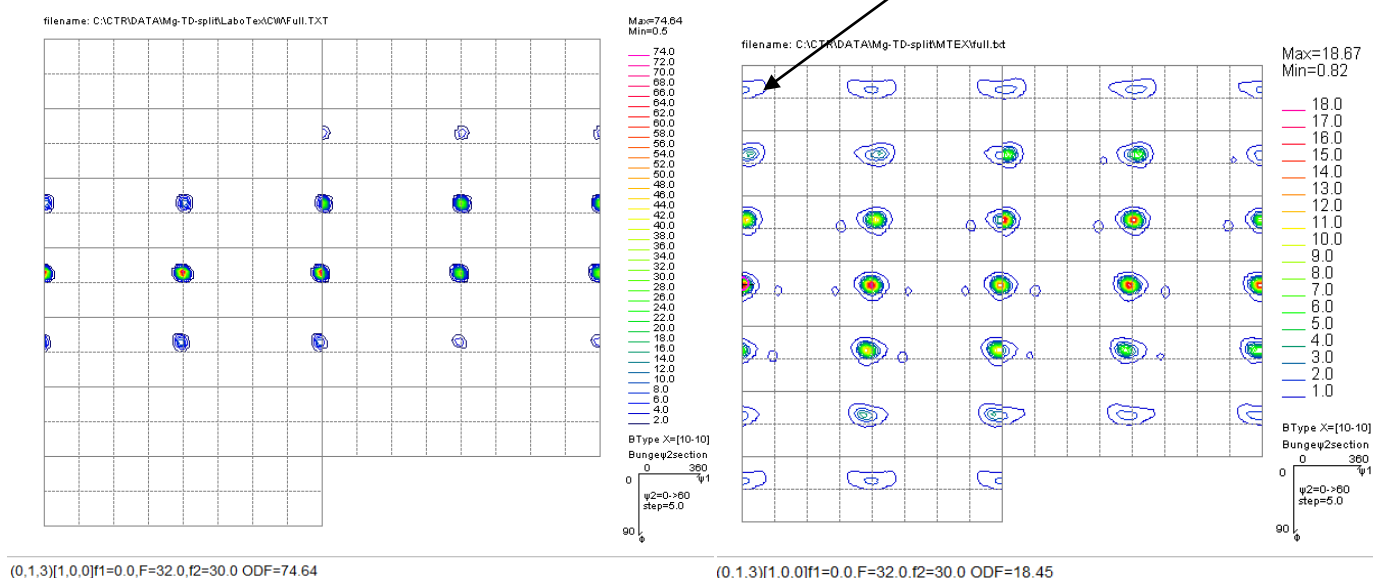
Mg-TD-splitの

入力極点図範囲によるNTEXODF解析結果

MTEXはLaboTexに比べ、ODF解析結果の最大密度が低く、広がり大きい

LaboTex Max: 74.64

MTEX Max: 18.67



極点図の α 範囲を変えた場合のODF解析結果を調べてみました。

α 範囲	ODFMax	(013) [100]密度	LaboTexODFMax	LaboTex(013) [100]密度
90	18.67	18.45	74.64	74.64
85	18.97	18.37	71.31	71.31
80	18.22	17.72	71.27	71.27
75	15.66	15.18	69.38	69.38
70	7.33	6.95	69.85	69.85

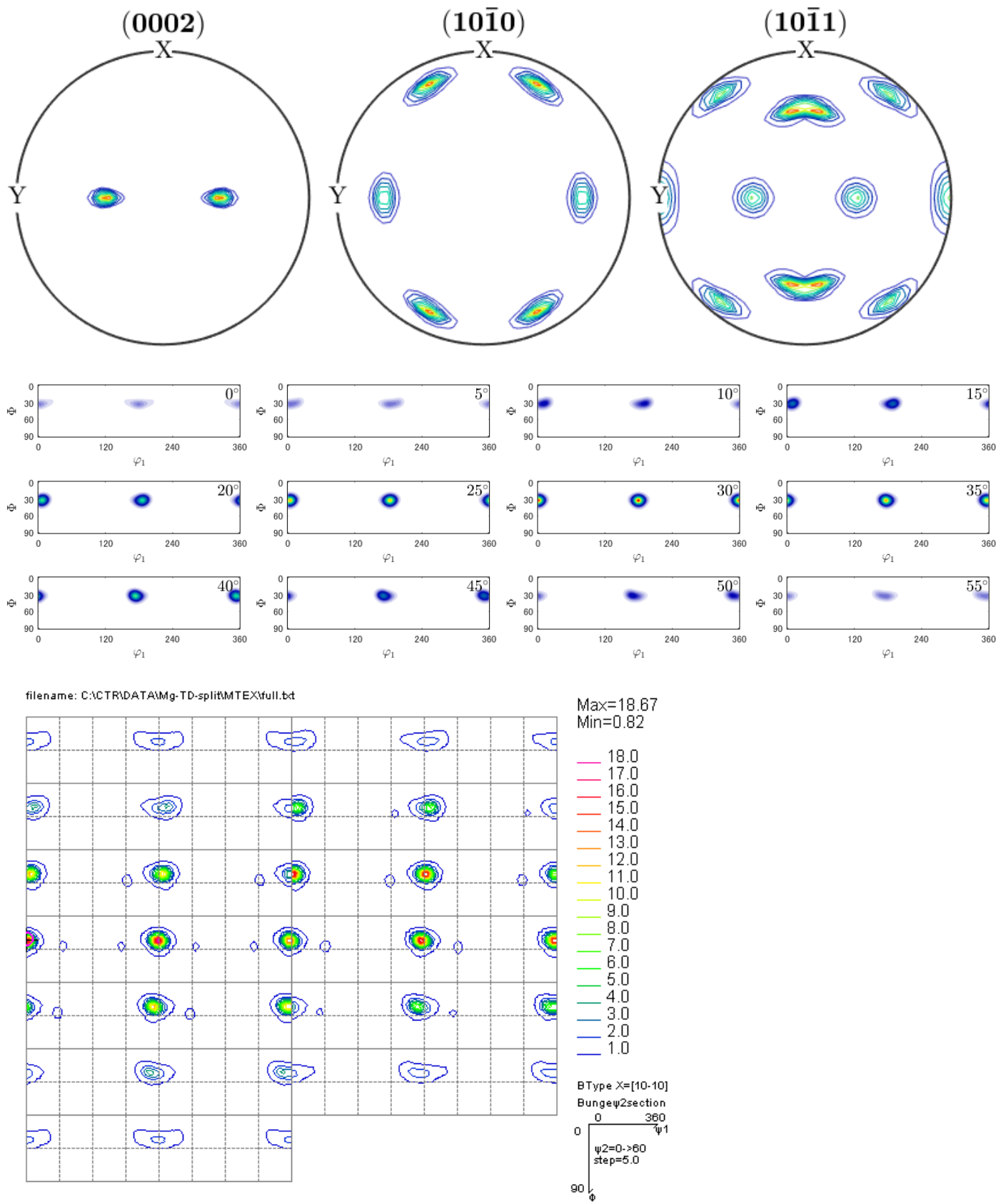
MTEXとLaboTexの方位密度が大きく異なるのは、ODF図の広がりによる。

入力極点図は、LaboTexによるTD-split VF=10%

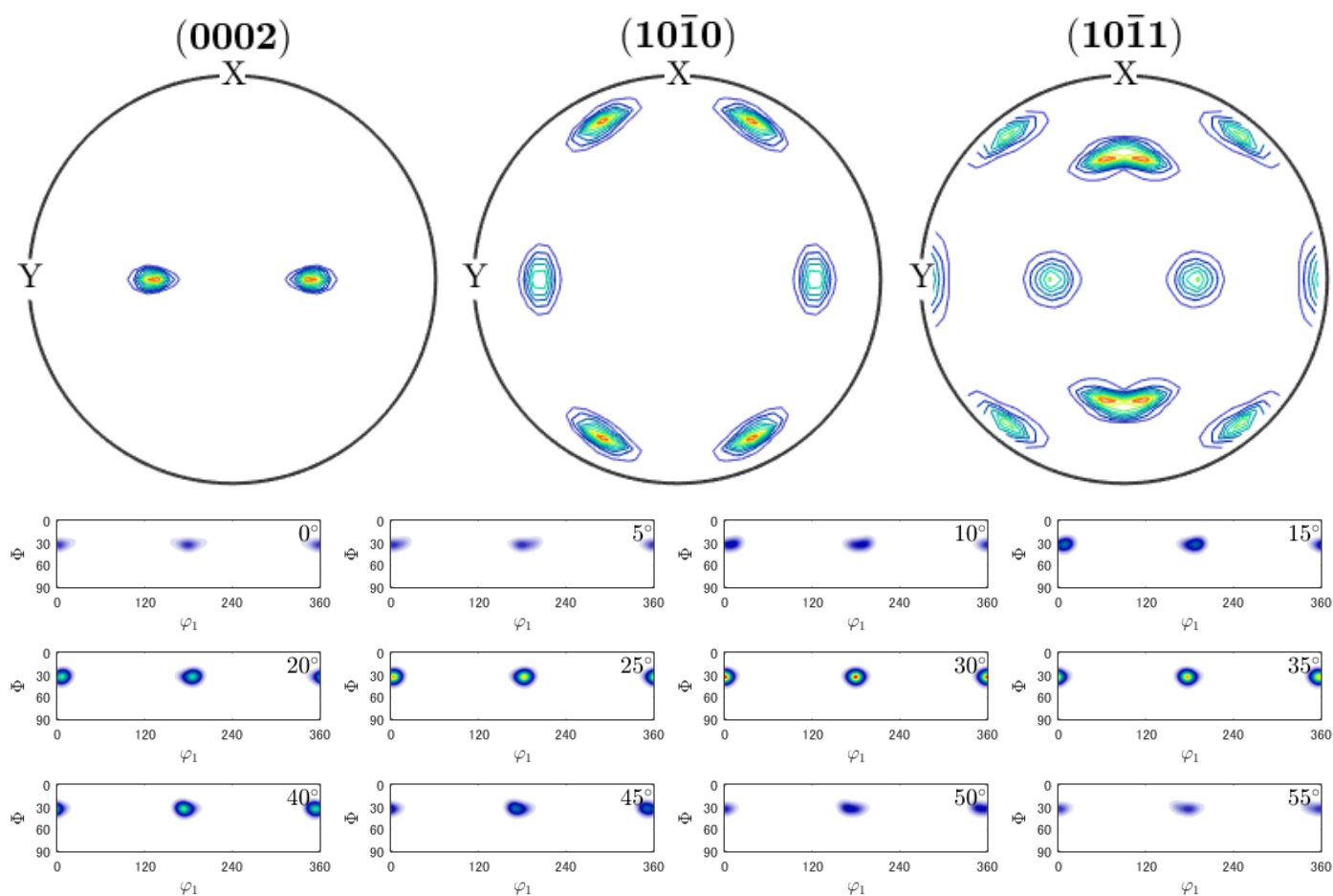
2019年01月27日

HelperTex Office

$$\alpha = 0 \rightarrow 90$$



$$\alpha = 0 \rightarrow 85$$



filename: C:\CTR\DATA\Mg-TD-split\MTEX\85.bt



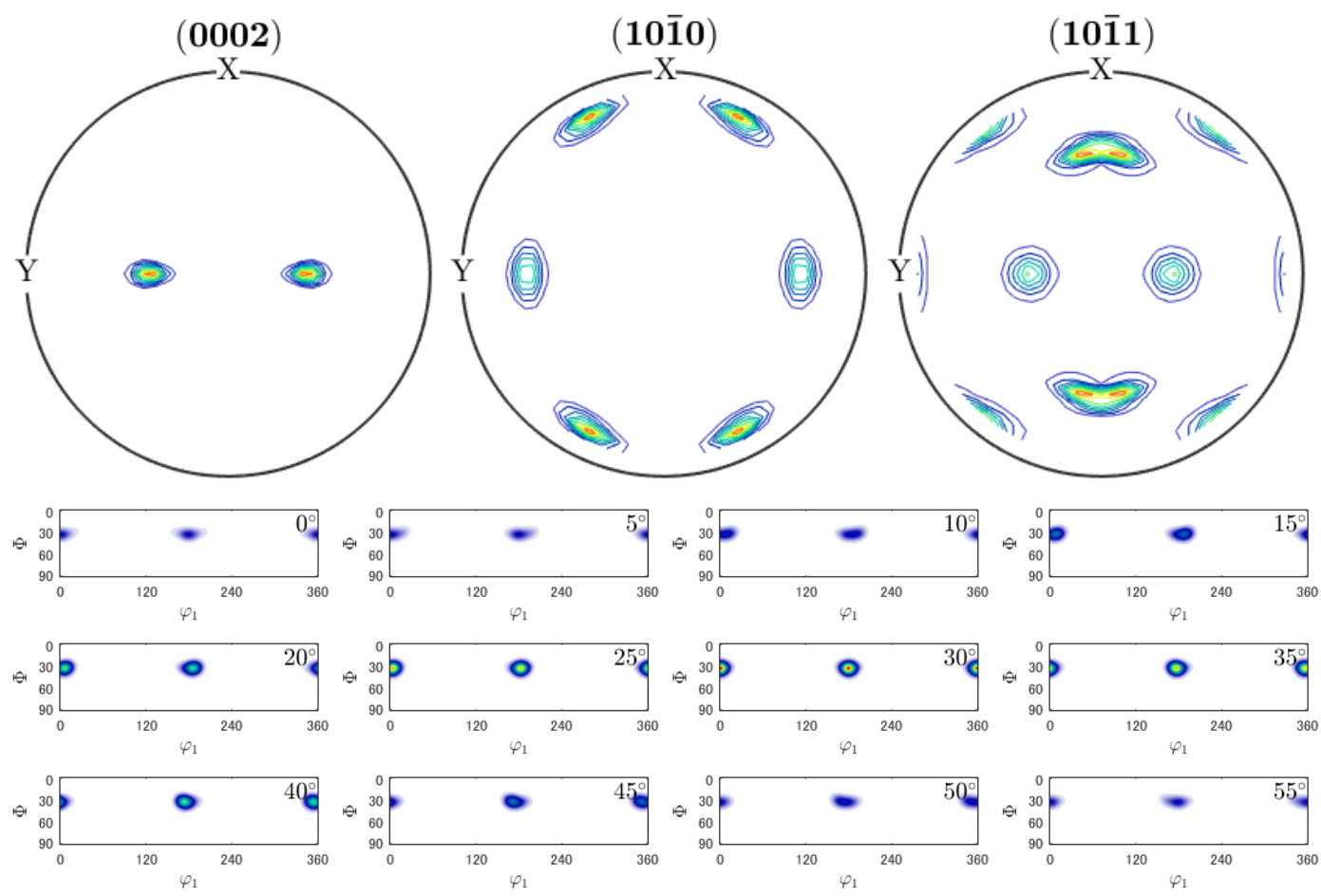
Max=18.97
Min=0.81



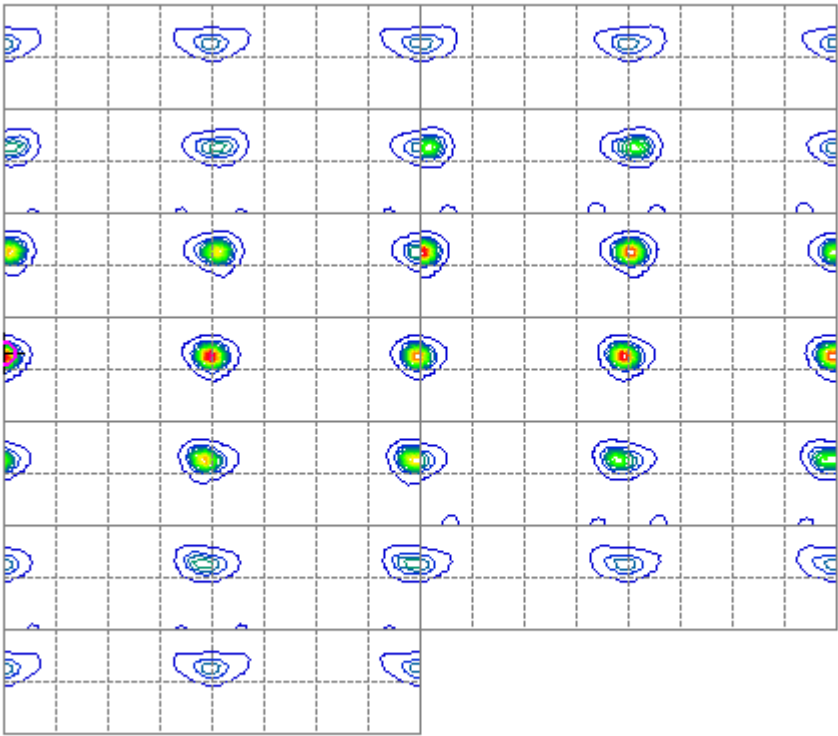
BType X=[10-10]
Bunge ψ 2section
0 360
 ψ 2=0-80
step=5.0
90 ϕ

(0,1,3)[1,0,0]f1=0.0,F=32.0,f2=30.0 ODF=18.37

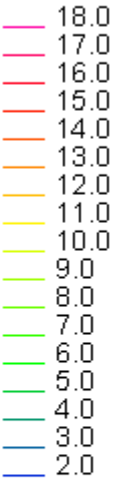
$\alpha = 0 \rightarrow 80$



filename: C:\CTR\DATA\Mg-TD-split\MTEX\80.bt



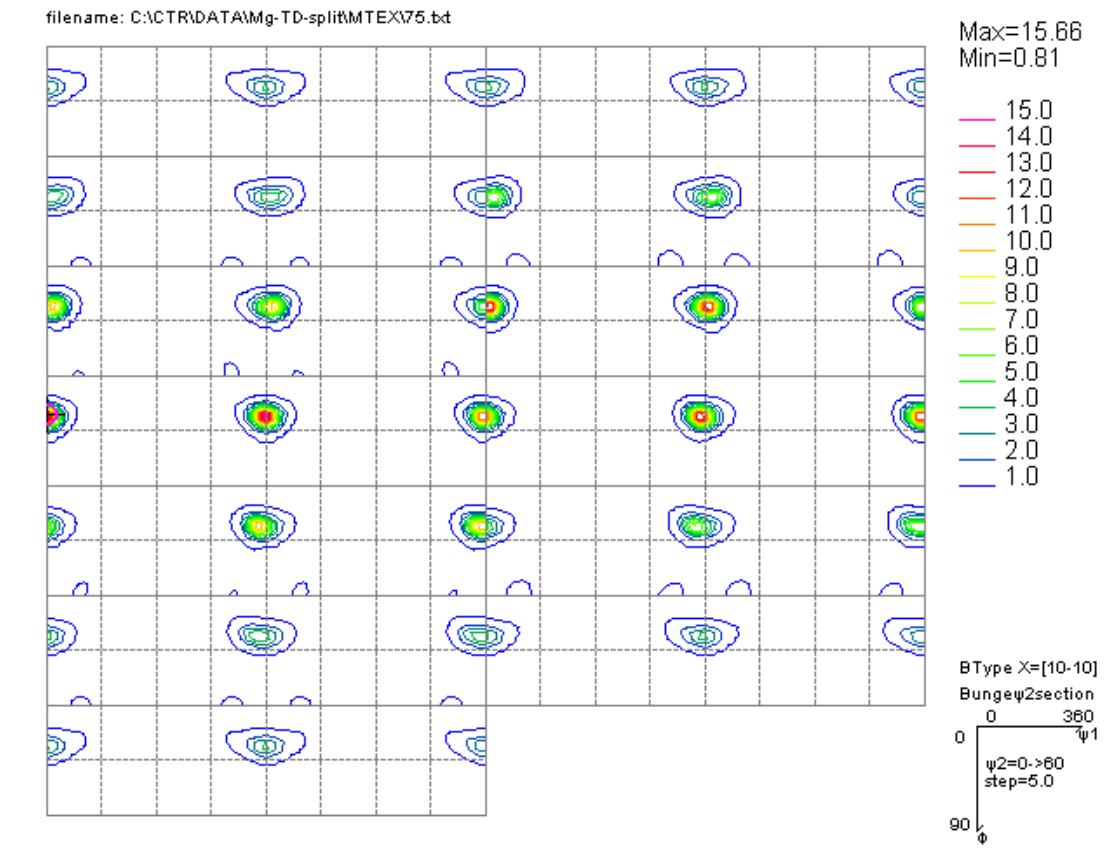
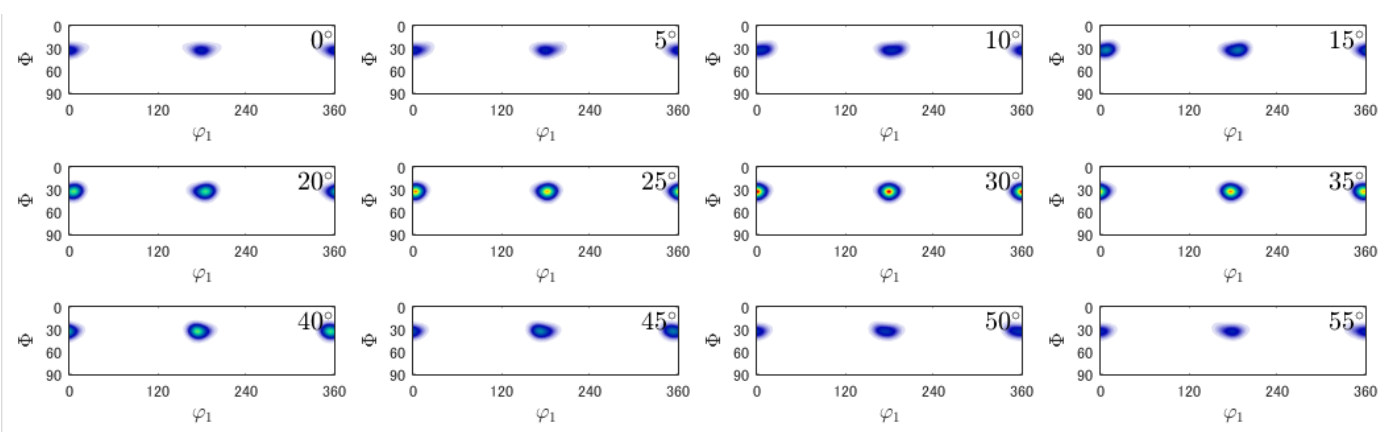
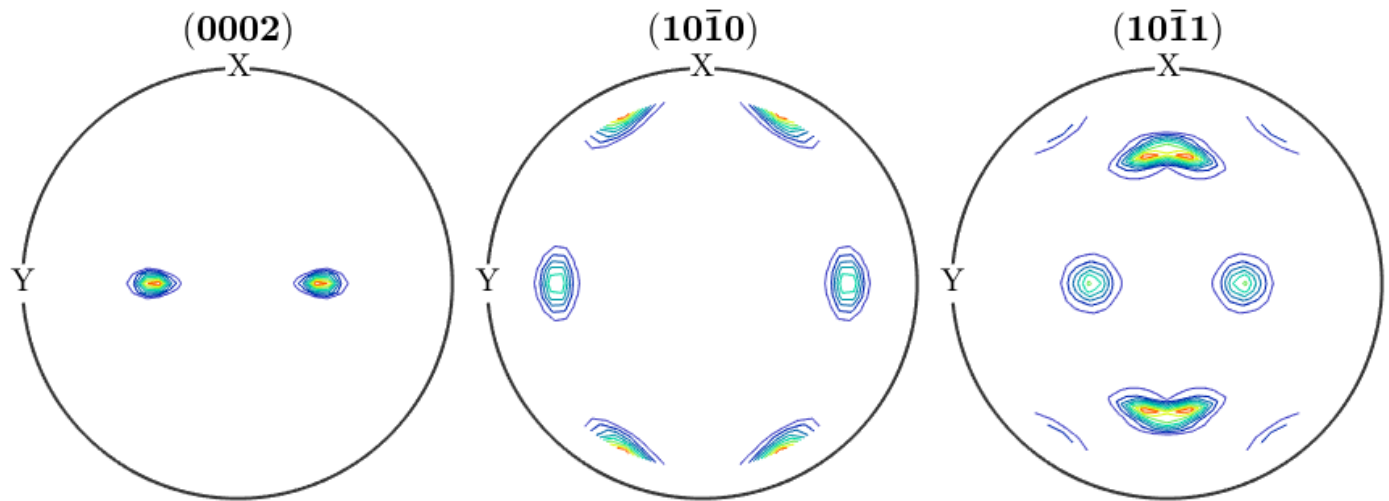
Max=18.22
Min=0.81



BType X=[10-10]
Bunge ψ 2section
0 360
 ψ 2=0-60
step=5.0
90 φ

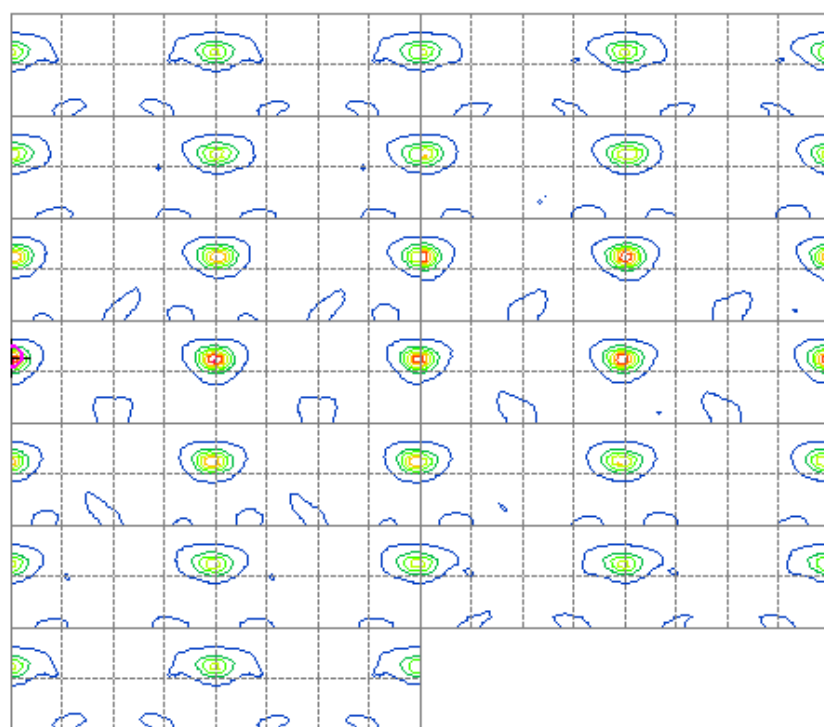
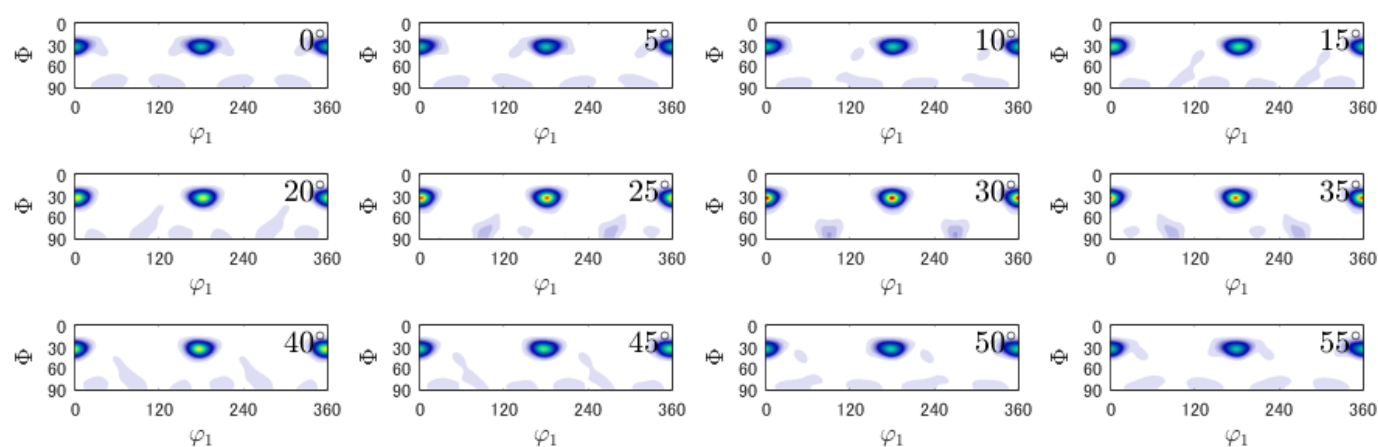
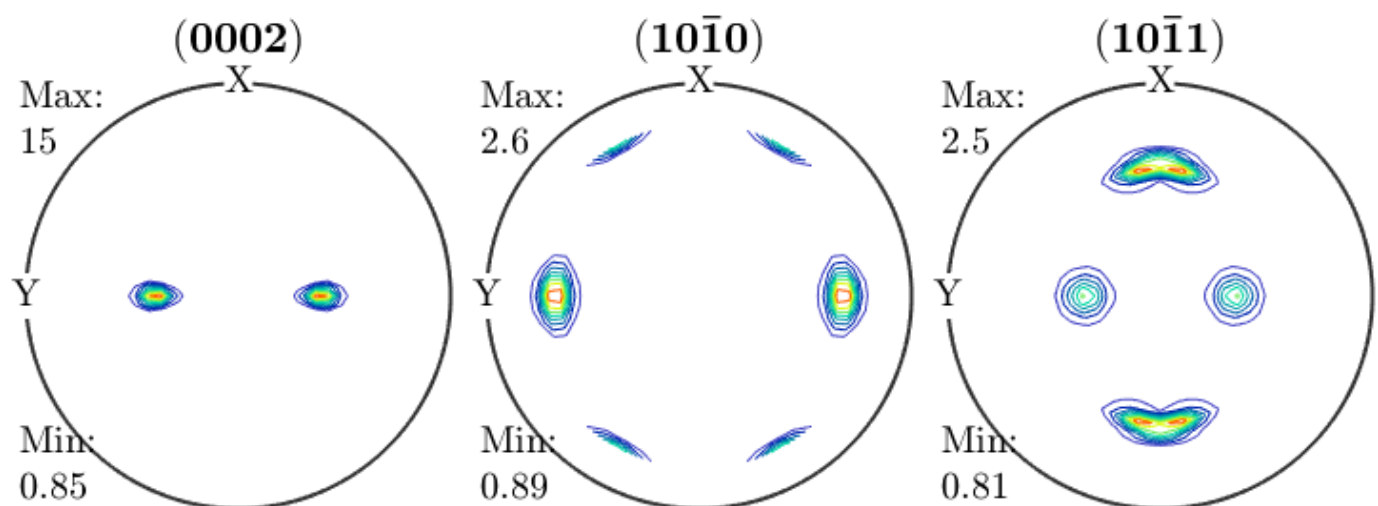
(0,1,3)[1,0,0]f1=0.0,F=32.0,f2=30.0 ODF=17.72

$$\alpha = 1.5 \rightarrow 9.0$$



$$(0,1,3)[1,0,0]f1=0.0,F=32.0,f2=30.0\text{ ODF}=15.18$$

$$\alpha = 20 \longrightarrow 90$$



Max=7.33
Min=0.81



BType X=[10-10]
Bungeψ2section
0 360
ψ1
ψ2=0->60
step=5.0
90
ψ

(0,1,3)[1,0,0]f1=0.0,F=32.0,f2=30.0 ODF=6.95

