Start of Sphere,large,mono
Experiment----------

Please add the name of the experiment
Name of the experiment = Sphere,large,mono

# Alpha (Internal 'alphash')
ena_Alpha=false
val_Alpha=0

# Enable/Disable Ay1
ena_Ay1=false
val_Ay1=0

# Enable/Disable Ay2
ena_Ay2=false
val_Ay2=1

# Enable/Disable Ay3
ena_Ay3=false
val_Ay3=0

# Enable/Disable Az1
ena_Az1=false
val_Az1=0

# Enable/Disable Az2
ena_Az2=false
val_Az2=0

# Enable/Disable Az3
ena_Az3=false
val_Az3=1

# Enable/Disable Base
ena_Base=false
val_Base=0

# Enable/Disable Twinned
ena_Twinned=false
val_Twinned=False

# Enable/Disable WAXS
ena_WAXS=false
val_WAXS=False

# Enable/Disable CBInterior
ena_CBInterior=false
val_CBInterior=homogeneous {0}

# CBParticle (Particle type selection)
ena_CBParticle=false
val_CBParticle=sphere {0}

```
# Enable/Disable CBPeak
ena_CBPeak=false
val_CBPeak=Anisotropic Gaussian {7}

# Enable/Disable Azi
ena_Azi=false
val_Azi=0.01

# Enable/Disable BFactor
ena_BFactor=false
val_BFactor=1

# Enable/Disable Ceff
ena_Ceff=false
val_Ceff=0.01

# Enable/Disable Ceffcyl
ena_Ceffcyl=false
val_Ceffcyl=0

# Enable/Disable Dbeta
ena_Dbeta=false
val_Dbeta=0.4

# DebyeWaller  (Also called Displacement [nm])
ena_DebyeWaller=false
val_DebyeWaller=1

# Det  (Distance Sample - Detector [m])
ena_Det=false
val_Det=10

# Enable/Disable Dist
ena_Dist=false
val_Dist=?2

# DomainSize  (Radial domain size [nm])
ena_DomainSize=false
val_DomainSize=220

# Enable/Disable PeakPar
ena_PeakPar=false
val_PeakPar=0

# PixelNoX  (Number of horizontal detector pixel)
ena_PixelNoX=false
val_PixelNoX=128

# PixelNoY  (Number of vertical detector pixel)
ena_PixelNoY=false
val_PixelNoY=128

# PixelX  (Width of one detector pixel [mm])
ena_PixelX=false
val_PixelX=1
```

# PixelY (Height of one detector pixel [mm])
ena_PixelY=false
val_PixelY=1

# Qmax (Qmax preset from user [nm-1])
ena_Qmax=false
val_Qmax=2

# QmaxData (Use the Qmax from the data)
ena_QmaxData=false
val_QmaxData=False

# QmaxPreset (Use the Qmax provided here)
ena_QmaxPreset=false
val_QmaxPreset=True

# Radius (Inner radius)
ena_Radius=false
val_Radius=20

# Radiusi (Outer radius)
ena_Radiusi=false
val_Radiusi=2.68

# Enable/Disable Rho
ena_Rho=false
val_Rho=0.08

# Enable/Disable Sigma
ena_Sigma=false
val_Sigma=0.07

# Wavelength (Wavelength [nm])
ena_Wavelength=false
val_Wavelength=0.154

# HKLmax (Number of iterations in the h,k,l-loops)
ena_HKLmax=false
val_HKLmax=3

# Enable/Disable I0
ena_I0=false
val_I0=1000

# LType (Lattice type selection)
ena_LType=false
val_LType=None {12}

# Enable/Disable Length
ena_Length=false
val_Length=28.6

# Enable/Disable Ordis
ena_Ordis=false

val_Ordis=isotropic {7}

# Enable/Disable P1
ena_P1=false
val_P1=0

# Enable/Disable DebyeScherrer
ena_DebyeScherrer=false
val_DebyeScherrer=False

# Enable/Disable RBPara
ena_RBPara=false
val_RBPara=False

# RotAlpha (Internal 'alpha')
ena_RotAlpha=false
val_RotAlpha=0

# SigX (editdom1)
ena_SigX=false
val_SigX=40

# SigY (editdom2)
ena_SigY=false
val_SigY=40

# SigZ (editdom3)
ena_SigZ=false
val_SigZ=40

# Enable/Disable SigmaL
ena_SigmaL=false
val_SigmaL=0.11

# Enable/Disable Ax1
ena_Ax1=false
val_Ax1=1

# Enable/Disable Ax2
ena_Ax2=false
val_Ax2=0

# Enable/Disable Ax3
ena_Ax3=false
val_Ax3=0

# Enable/Disable acpl
ena_acpl=false
val_acpl=0

# Enable/Disable bcpl
ena_bcpl=false
val_bcpl=0

Enable/Disable ifluc

```
ena_ifluc=false
val_ifluc=0

# Enable/Disable iso
ena_iso=false
val_iso=1

# Enable/Disable phi
ena_phi=false
val_phi=0

# Enable/Disable reff
ena_reff=false
val_reff=0

# Enable/Disable rfluc
ena_rfluc=false
val_rfluc=0

# Enable/Disable rotPhi
ena_rotPhi=false
val_rotPhi=0

# Enable/Disable rotTheta
ena_rotTheta=false
val_rotTheta=0

# Enable/Disable theta
ena_theta=false
val_theta=0

# uca  (Unit cell dimension a [nm])
ena_uca=false
val_uca=47.7

# ucalpha  (Unit cell rotation alpha [ ])
ena_ucalpha=false
val_ucalpha=90

# ucb  (Unit cell dimension b [nm])
ena_ucb=false
val_ucb=47.7

# ucbeta  (Unit cell rotation beta [ ])
ena_ucbeta=false
val_ucbeta=90

# ucc  (Unit cell dimension c [nm])
ena_ucc=false
val_ucc=26.2

# ucgamma  (Unit cell rotation gamma [ ])
ena_ucgamma=false
val_ucgamma=90
```

```
# Enable/Disable ucn1
ena_ucn1=false
val_ucn1=1

# Enable/Disable ucn2
ena_ucn2=false
val_ucn2=0

# Enable/Disable ucn3
ena_ucn3=false
val_ucn3=0

# Enable/Disable ucpsi
ena_ucpsi=false
val_ucpsi=0

# GridPoints  (Half of the size of each image dimension)
ena_GridPoints=true
val_GridPoints=100

# Enable/Disable BeamPos
ena_BeamPos=true
val_BeamPosX=0  # -GridPoints .. +GridPoints
val_BeamPosY=0  # -GridPoints .. +GridPoints

# Enable/Disable Generate PNG
ena_generatePNG=true

# Number of Images
val_numimg=1

# Output Path
val_outPath=.


# end of Sphere,large,mono
Experiment----------------------------------------------------------------------------------------



# Start of Cylinders,oriented
Experiment----------------------------------------------------------------------------------------

# Please add the name of the experiment
Name of the experiment = Cylinders,oriented

# Alpha  (Internal 'alphash')
ena_Alpha=false
val_Alpha=0

# Enable/Disable Ay1
ena_Ay1=false
```

val_Ay1=0

# Enable/Disable Ay2
ena_Ay2=false
val_Ay2=1

# Enable/Disable Ay3
ena_Ay3=false
val_Ay3=0

# Enable/Disable Az1
ena_Az1=false
val_Az1=0

# Enable/Disable Az2
ena_Az2=false
val_Az2=0

# Enable/Disable Az3
ena_Az3=false
val_Az3=1

# Enable/Disable Base
ena_Base=false
val_Base=0

# Enable/Disable Twinned
ena_Twinned=false
val_Twinned=False

# Enable/Disable WAXS
ena_WAXS=false
val_WAXS=False

# Enable/Disable CBInterior
ena_CBInterior=false
val_CBInterior=homogeneous {0}

# CBParticle (Particle type selection)
ena_CBParticle=false
val_CBParticle=cylinder {1}

# Enable/Disable CBPeak
ena_CBPeak=false
val_CBPeak=Anisotropic Gaussian {7}

# Enable/Disable Azi
ena_Azi=false
val_Azi=0.03

# Enable/Disable BFactor
ena_BFactor=false
val_BFactor=0.01

Enable/Disable Ceff

```
ena_Ceff=false
val_Ceff=0.01

# Enable/Disable Ceffcyl
ena_Ceffcyl=false
val_Ceffcyl=0

# Enable/Disable Dbeta
ena_Dbeta=false
val_Dbeta=20

# DebyeWaller  (Also called Displacement [nm])
ena_DebyeWaller=false
val_DebyeWaller=1.82

# Det  (Distance Sample - Detector [m])
ena_Det=false
val_Det=10

# Enable/Disable Dist
ena_Dist=false
val_Dist=?2

# DomainSize  (Radial domain size [nm])
ena_DomainSize=false
val_DomainSize=250

# Enable/Disable PeakPar
ena_PeakPar=false
val_PeakPar=0

# PixelNoX  (Number of horizontal detector pixel)
ena_PixelNoX=false
val_PixelNoX=128

# PixelNoY  (Number of vertical detector pixel)
ena_PixelNoY=false
val_PixelNoY=128

# PixelX  (Width of one detector pixel [mm])
ena_PixelX=false
val_PixelX=1

# PixelY  (Height of one detector pixel [mm])
ena_PixelY=false
val_PixelY=1

# Qmax  (Qmax preset from user [nm-1])
ena_Qmax=false
val_Qmax=2

# QmaxData  (Use the Qmax from the data)
ena_QmaxData=false
val_QmaxData=False
```

```
# QmaxPreset  (Use the Qmax provided here)
ena_QmaxPreset=false
val_QmaxPreset=True

# Radius  (Inner radius)
ena_Radius=false
val_Radius=3

# Radiusi  (Outer radius)
ena_Radiusi=false
val_Radiusi=5.63

# Enable/Disable Rho
ena_Rho=false
val_Rho=0.14

# Enable/Disable Sigma
ena_Sigma=false
val_Sigma=0.1

# Wavelength  (Wavelength [nm])
ena_Wavelength=false
val_Wavelength=0.154

# HKLmax  (Number of iterations in the h,k,l-loops)
ena_HKLmax=false
val_HKLmax=3

# Enable/Disable I0
ena_I0=false
val_I0=1000

# LType  (Lattice type selection)
ena_LType=false
val_LType=None {12}

# Enable/Disable Length
ena_Length=false
val_Length=15

# Enable/Disable Ordis
ena_Ordis=false
val_Ordis=Gaussian {0}

# Enable/Disable P1
ena_P1=false
val_P1=0

# Enable/Disable DebyeScherrer
ena_DebyeScherrer=false
val_DebyeScherrer=False

# Enable/Disable RBPara
ena_RBPara=false
val_RBPara=False
```

```
# RotAlpha  (Internal 'alpha')
ena_RotAlpha=false
val_RotAlpha=0

# SigX  (editdom1)
ena_SigX=false
val_SigX=40

# SigY  (editdom2)
ena_SigY=false
val_SigY=40

# SigZ  (editdom3)
ena_SigZ=false
val_SigZ=40

# Enable/Disable SigmaL
ena_SigmaL=false
val_SigmaL=0.16

# Enable/Disable Ax1
ena_Ax1=false
val_Ax1=1

# Enable/Disable Ax2
ena_Ax2=false
val_Ax2=0

# Enable/Disable Ax3
ena_Ax3=false
val_Ax3=0

# Enable/Disable _CalcTime_
ena__CalcTime_=true
val__CalcTime_=12540   # Inp

# Enable/Disable _PrepTime_
ena__PrepTime_=true
val__PrepTime_=29.0819   # Inp

# Enable/Disable acpl
ena_acpl=false
val_acpl=0

# Enable/Disable bcpl
ena_bcpl=false
val_bcpl=0

# Enable/Disable ifluc
ena_ifluc=false
val_ifluc=0

# Enable/Disable iso
ena_iso=false
```

```
val_iso=0

# Enable/Disable phi
ena_phi=false
val_phi=0

# Enable/Disable reff
ena_reff=false
val_reff=0

# Enable/Disable rfluc
ena_rfluc=false
val_rfluc=0

# Enable/Disable rotPhi
ena_rotPhi=false
val_rotPhi=0

# Enable/Disable rotTheta
ena_rotTheta=false
val_rotTheta=0

# Enable/Disable theta
ena_theta=false
val_theta=90

# uca  (Unit cell dimension a [nm])
ena_uca=false
val_uca=40.2

# ucalpha  (Unit cell rotation alpha [ ])
ena_ucalpha=false
val_ucalpha=90

# ucb  (Unit cell dimension b [nm])
ena_ucb=false
val_ucb=40.2

# ucbeta  (Unit cell rotation beta [ ])
ena_ucbeta=false
val_ucbeta=90

# ucc  (Unit cell dimension c [nm])
ena_ucc=false
val_ucc=44

# ucgamma  (Unit cell rotation gamma [ ])
ena_ucgamma=false
val_ucgamma=90

# Enable/Disable ucn1
ena_ucn1=false
val_ucn1=1

# Enable/Disable ucn2
```

```
ena_ucn2=false
val_ucn2=0

# Enable/Disable ucn3
ena_ucn3=false
val_ucn3=0

# Enable/Disable ucpsi
ena_ucpsi=false
val_ucpsi=0

# GridPoints  (Half of the size of each image dimension)
ena_GridPoints=true
val_GridPoints=100

# Enable/Disable BeamPos
ena_BeamPos=true
val_BeamPosX=0  # -GridPoints .. +GridPoints
val_BeamPosY=0  # -GridPoints .. +GridPoints

# Enable/Disable Generate PNG
ena_generatePNG=true

# Number of Images
val_numimg=1

# Output Path
val_outPath=.

# End of Cylinders,oriented
Experiment----------------------------------------------------------------------------------------


# Start of BCC,iso Experiment----------------------------------------------------------------------------------------

# Please add the name of the experiment
Name of the experiment = BCC,iso

# Alpha  (Internal 'alphash')
ena_Alpha=false
val_Alpha=0

# Enable/Disable Ay1
ena_Ay1=false
val_Ay1=0

# Enable/Disable Ay2
ena_Ay2=false
val_Ay2=1

# Enable/Disable Ay3
ena_Ay3=false
```

```
val_Ay3=0

# Enable/Disable Az1
ena_Az1=false
val_Az1=0

# Enable/Disable Az2
ena_Az2=false
val_Az2=0

# Enable/Disable Az3
ena_Az3=false
val_Az3=1

# Enable/Disable Base
ena_Base=false
val_Base=0

# Enable/Disable Twinned
ena_Twinned=false
val_Twinned=True

# Enable/Disable WAXS
ena_WAXS=false
val_WAXS=False

# Enable/Disable CBInterior
ena_CBInterior=false
val_CBInterior=homogeneous {0}

# CBParticle  (Particle type selection)
ena_CBParticle=false
val_CBParticle=sphere {0}

# Enable/Disable CBPeak
ena_CBPeak=false
val_CBPeak=Gaussian {1}

# Enable/Disable Azi
ena_Azi=false
val_Azi=40

# Enable/Disable BFactor
ena_BFactor=false
val_BFactor=1

# Enable/Disable Ceff
ena_Ceff=false
val_Ceff=0.01

# Enable/Disable Ceffcyl
ena_Ceffcyl=false
val_Ceffcyl=0

# Enable/Disable Dbeta
```

```
ena_Dbeta=false
val_Dbeta=0.4

# DebyeWaller  (Also called Displacement [nm])
ena_DebyeWaller=false
val_DebyeWaller=5

# Det  (Distance Sample - Detector [m])
ena_Det=false
val_Det=1

# Enable/Disable Dist
ena_Dist=false
val_Dist=?2

# DomainSize  (Radial domain size [nm])
ena_DomainSize=false
val_DomainSize=120

# Enable/Disable PeakPar
ena_PeakPar=false
val_PeakPar=0

# PixelNoX  (Number of horizontal detector pixel)
ena_PixelNoX=false
val_PixelNoX=2048

# PixelNoY  (Number of vertical detector pixel)
ena_PixelNoY=false
val_PixelNoY=2048

# PixelX  (Width of one detector pixel [mm])
ena_PixelX=false
val_PixelX=0.172

# PixelY  (Height of one detector pixel [mm])
ena_PixelY=false
val_PixelY=0.172

# Qmax  (Qmax preset from user [nm-1])
ena_Qmax=false
val_Qmax=1

# QmaxData  (Use the Qmax from the data)
ena_QmaxData=false
val_QmaxData=False

# QmaxPreset  (Use the Qmax provided here)
ena_QmaxPreset=false
val_QmaxPreset=True

# Radius  (Inner radius)
ena_Radius=false
val_Radius=8
```

# Radiusi (Outer radius)
ena_Radiusi=false
val_Radiusi=0

# Enable/Disable Rho
ena_Rho=false
val_Rho=0

# Enable/Disable Sigma
ena_Sigma=false
val_Sigma=0.1

# Wavelength (Wavelength [nm])
ena_Wavelength=false
val_Wavelength=0.09499

# HKLmax (Number of iterations in the h,k,l-loops)
ena_HKLmax=false
val_HKLmax=5

# Enable/Disable I0
ena_I0=false
val_I0=10000

# LType (Lattice type selection)
ena_LType=false
val_LType=BCC (lm3m) {4}

# Enable/Disable Length
ena_Length=false
val_Length=1

# Enable/Disable Ordis
ena_Ordis=false
val_Ordis=isotropic {7}

# Enable/Disable P1
ena_P1=false
val_P1=0

# Enable/Disable DebyeScherrer
ena_DebyeScherrer=false
val_DebyeScherrer=False

# Enable/Disable RBPara
ena_RBPara=false
val_RBPara=False

# RotAlpha (Internal ’alpha’)
ena_RotAlpha=false
val_RotAlpha=0

# SigX (editdom1)
ena_SigX=false
val_SigX=40

```
# SigY  (editdom2)
ena_SigY=false
val_SigY=40

# SigZ  (editdom3)
ena_SigZ=false
val_SigZ=40

# Enable/Disable SigmaL
ena_SigmaL=false
val_SigmaL=0.06

# Enable/Disable Ax1
ena_Ax1=false
val_Ax1=1

# Enable/Disable Ax2
ena_Ax2=false
val_Ax2=0

# Enable/Disable Ax3
ena_Ax3=false
val_Ax3=0

# Enable/Disable _CalcTime_
ena__CalcTime_=true
val__CalcTime_=1395.71   # Inp

# Enable/Disable _PrepTime_
ena__PrepTime_=true
val__PrepTime_=1.001   # Inp

# Enable/Disable acpl
ena_acpl=false
val_acpl=0

# Enable/Disable bcpl
ena_bcpl=false
val_bcpl=0

# Enable/Disable ifluc
ena_ifluc=false
val_ifluc=0

# Enable/Disable iso
ena_iso=false
val_iso=0

# Enable/Disable phi
ena_phi=false
val_phi=0

# Enable/Disable reff
ena_reff=false
```

```
val_reff=0

# Enable/Disable rfluc
ena_rfluc=false
val_rfluc=0

# Enable/Disable rotPhi
ena_rotPhi=false
val_rotPhi=0

# Enable/Disable rotTheta
ena_rotTheta=false
val_rotTheta=0

# Enable/Disable theta
ena_theta=false
val_theta=0

# uca  (Unit cell dimension a [nm])
ena_uca=false
val_uca=26

# ucalpha  (Unit cell rotation alpha [ ])
ena_ucalpha=false
val_ucalpha=90

# ucb  (Unit cell dimension b [nm])
ena_ucb=false
val_ucb=21

# ucbeta  (Unit cell rotation beta [ ])
ena_ucbeta=false
val_ucbeta=90

# ucc  (Unit cell dimension c [nm])
ena_ucc=false
val_ucc=21

# ucgamma  (Unit cell rotation gamma [ ])
ena_ucgamma=false
val_ucgamma=90

# Enable/Disable ucn1
ena_ucn1=false
val_ucn1=1

# Enable/Disable ucn2
ena_ucn2=false
val_ucn2=1

# Enable/Disable ucn3
ena_ucn3=false
val_ucn3=0

# Enable/Disable ucpsi
```

ena_ucpsi=false
val_ucpsi=0

# GridPoints (Half of the size of each image dimension)
ena_GridPoints=true
val_GridPoints=100

# Enable/Disable BeamPos
ena_BeamPos=true
val_BeamPosX=0 # -GridPoints .. +GridPoints
val_BeamPosY=0 # -GridPoints .. +GridPoints

# Enable/Disable Generate PNG
ena_generatePNG=true

# Number of Images
val_numimg=1

# Output Path
val_outPath=.

End of Bcc,iso Experiment----------

Start of Disks Experiment----------

Please add the name of the experiment
Name of the experiment = Disks

# Alpha (Internal 'alphash')
ena_Alpha=false
val_Alpha=0

# Enable/Disable Ay1
ena_Ay1=false
val_Ay1=0

# Enable/Disable Ay2
ena_Ay2=false
val_Ay2=1

# Enable/Disable Ay3
ena_Ay3=false
val_Ay3=0

# Enable/Disable Az1
ena_Az1=false
val_Az1=0

# Enable/Disable Az2
ena_Az2=false
val_Az2=0

```
# Enable/Disable Az3
ena_Az3=false
val_Az3=1

# Enable/Disable Base
ena_Base=false
val_Base=0

# Enable/Disable Twinned
ena_Twinned=false
val_Twinned=False

# Enable/Disable WAXS
ena_WAXS=false
val_WAXS=False

# Enable/Disable CBInterior
ena_CBInterior=false
val_CBInterior=homogeneous {0}

# CBParticle  (Particle type selection)
ena_CBParticle=false
val_CBParticle=disk {2}

# Enable/Disable CBPeak
ena_CBPeak=false
val_CBPeak=Anisotropic Gaussian {7}

# Enable/Disable Azi
ena_Azi=false
val_Azi=0.02

# Enable/Disable BFactor
ena_BFactor=false
val_BFactor=1

# Enable/Disable Ceff
ena_Ceff=false
val_Ceff=0.01

# Enable/Disable Ceffcyl
ena_Ceffcyl=false
val_Ceffcyl=0

# Enable/Disable Dbeta
ena_Dbeta=false
val_Dbeta=0.3

# DebyeWaller  (Also called Displacement [nm])
ena_DebyeWaller=false
val_DebyeWaller=1.71

# Det  (Distance Sample - Detector [m])
ena_Det=false
val_Det=10
```

```
# Enable/Disable Dist
ena_Dist=false
val_Dist=?2

# DomainSize  (Radial domain size [nm])
ena_DomainSize=false
val_DomainSize=250

# Enable/Disable PeakPar
ena_PeakPar=false
val_PeakPar=0

# PixelNoX  (Number of horizontal detector pixel)
ena_PixelNoX=false
val_PixelNoX=128

# PixelNoY  (Number of vertical detector pixel)
ena_PixelNoY=false
val_PixelNoY=128

# PixelX  (Width of one detector pixel [mm])
ena_PixelX=false
val_PixelX=1

# PixelY  (Height of one detector pixel [mm])
ena_PixelY=false
val_PixelY=1

# Qmax  (Qmax preset from user [nm-1])
ena_Qmax=false
val_Qmax=2

# QmaxData  (Use the Qmax from the data)
ena_QmaxData=false
val_QmaxData=False

# QmaxPreset  (Use the Qmax provided here)
ena_QmaxPreset=false
val_QmaxPreset=True

# Radius  (Inner radius)
ena_Radius=false
val_Radius=4

# Radiusi  (Outer radius)
ena_Radiusi=false
val_Radiusi=6.6

# Enable/Disable Rho
ena_Rho=false
val_Rho=0.14

# Enable/Disable Sigma
ena_Sigma=false
```

```
val_Sigma=0.1

# Wavelength  (Wavelength [nm])
ena_Wavelength=false
val_Wavelength=0.154

# HKLmax  (Number of iterations in the h,k,l-loops)
ena_HKLmax=false
val_HKLmax=3

# Enable/Disable I0
ena_I0=false
val_I0=1000

# LType  (Lattice type selection)
ena_LType=false
val_LType=None {12}

# Enable/Disable Length
ena_Length=false
val_Length=15

# Enable/Disable Ordis
ena_Ordis=false
val_Ordis=isotropic {7}

# Enable/Disable P1
ena_P1=false
val_P1=0

# Enable/Disable DebyeScherrer
ena_DebyeScherrer=false
val_DebyeScherrer=False

# Enable/Disable RBPara
ena_RBPara=false
val_RBPara=False

# RotAlpha  (Internal 'alpha')
ena_RotAlpha=false
val_RotAlpha=0

# SigX  (editdom1)
ena_SigX=false
val_SigX=40

# SigY  (editdom2)
ena_SigY=false
val_SigY=40

# SigZ  (editdom3)
ena_SigZ=false
val_SigZ=40

# Enable/Disable SigmaL
```

```
ena_SigmaL=false
val_SigmaL=0.1

# Enable/Disable Ax1
ena_Ax1=false
val_Ax1=1

# Enable/Disable Ax2
ena_Ax2=false
val_Ax2=0

# Enable/Disable Ax3
ena_Ax3=false
val_Ax3=0

# Enable/Disable _CalcTime_
ena__CalcTime_=true
val__CalcTime_=112.949   # Inp

# Enable/Disable _PrepTime_
ena__PrepTime_=true
val__PrepTime_=8.1547   # Inp

# Enable/Disable acpl
ena_acpl=false
val_acpl=0

# Enable/Disable bcpl
ena_bcpl=false
val_bcpl=0

# Enable/Disable ifluc
ena_ifluc=false
val_ifluc=0

# Enable/Disable iso
ena_iso=false
val_iso=0

# Enable/Disable phi
ena_phi=false
val_phi=0

# Enable/Disable reff
ena_reff=false
val_reff=0

# Enable/Disable rfluc
ena_rfluc=false
val_rfluc=0

# Enable/Disable rotPhi
ena_rotPhi=false
val_rotPhi=0
```

```
# Enable/Disable rotTheta
ena_rotTheta=false
val_rotTheta=0

# Enable/Disable theta
ena_theta=false
val_theta=0

# uca  (Unit cell dimension a [nm])
ena_uca=false
val_uca=24.9

# ucalpha  (Unit cell rotation alpha [ ])
ena_ucalpha=false
val_ucalpha=90

# ucb  (Unit cell dimension b [nm])
ena_ucb=false
val_ucb=24.9

# ucbeta  (Unit cell rotation beta [ ])
ena_ucbeta=false
val_ucbeta=90

# ucc  (Unit cell dimension c [nm])
ena_ucc=false
val_ucc=25.8

# ucgamma  (Unit cell rotation gamma [ ])
ena_ucgamma=false
val_ucgamma=90

# Enable/Disable ucn1
ena_ucn1=false
val_ucn1=1

# Enable/Disable ucn2
ena_ucn2=false
val_ucn2=0

# Enable/Disable ucn3
ena_ucn3=false
val_ucn3=0

# Enable/Disable ucpsi
ena_ucpsi=false
val_ucpsi=0

# GridPoints  (Half of the size of each image dimension)
ena_GridPoints=true
val_GridPoints=100

# Enable/Disable BeamPos
ena_BeamPos=true
val_BeamPosX=0  # -GridPoints .. +GridPoints
```

```
val_BeamPosY=0  # -GridPoints .. +GridPoints

# Enable/Disable Generate PNG
ena_generatePNG=true

# Number of Images
val_numimg=1

# Output Path
val_outPath=.


# End of Disks Experiment----------------------------------------------------------------------------------------
```