

## Meso radius

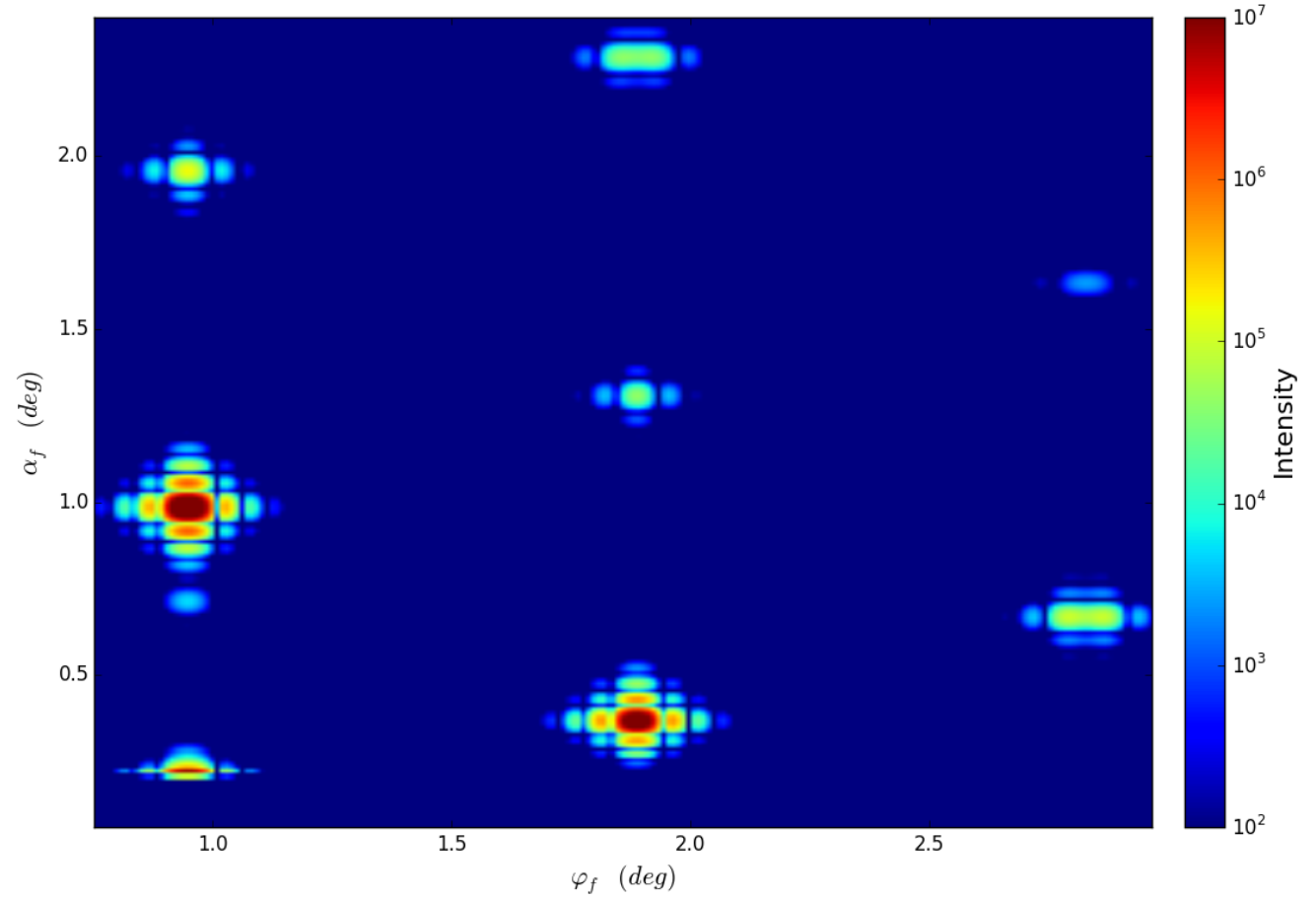
```
SimulationBuilder
m_beam_intensity      6.1e+12
m_beam_wavelength     0.1770
m_inclination_angle   0.4
m_time_spend          1.75
```

```
SampleBuilderVer1
m_average_layer_thickness  600.0
m_meso_elevation           0.0
m_roughness                6.0
m_surface_filling_ratio    0.25
```

```
SingleMesoFactory
```

```
MesoCrystalBuilder
```

```
MesoParameters
m_lattice_length_a      12.45
m_lattice_length_c      31.0
m_meso_height           200.0
m_meso_radius           100.0
m_nanoparticle_radius   5.0
m_nparticles            10
m_sigma_lattice_length_a 0.5
m_sigma_meso_height     20.0
m_sigma_meso_radius     20.0
m_sigma_nanoparticle_radius 0.3
```



## Meso radius

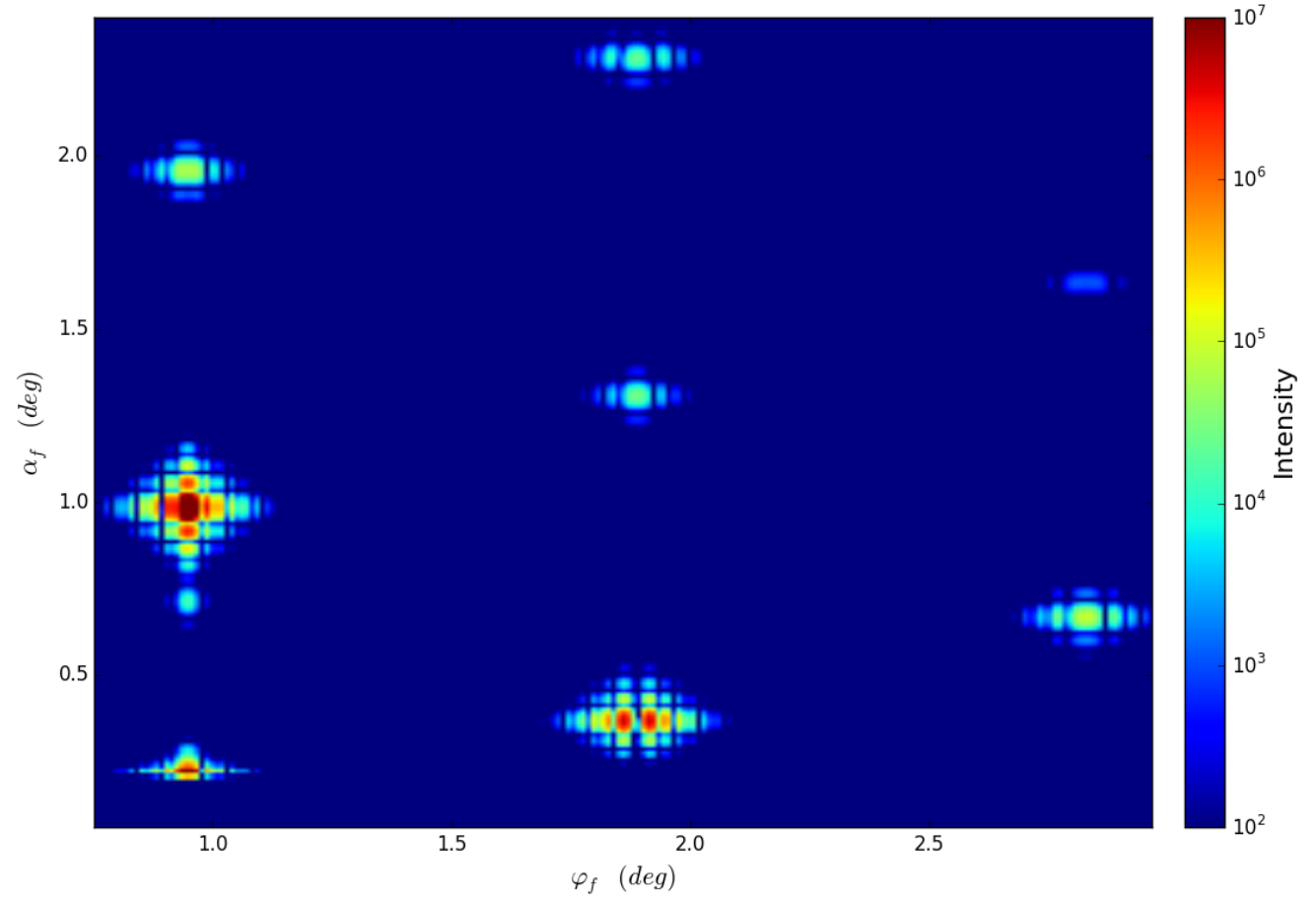
```
SimulationBuilder
m_beam_intensity      6.1e+12
m_beam_wavelength     0.1770
m_inclination_angle   0.4
m_time_spend          1.79
```

```
SampleBuilderVer1
m_average_layer_thickness  600.0
m_meso_elevation           0.0
m_roughness                6.0
m_surface_filling_ratio    0.25
```

```
SingleMesoFactory
```

```
MesoCrystalBuilder
```

```
MesoParameters
m_lattice_length_a      12.45
m_lattice_length_c      31.0
m_meso_height           200.0
m_meso_radius           200.0
m_nanoparticle_radius   5.0
m_nparticles            10
m_sigma_lattice_length_a 0.5
m_sigma_meso_height     20.0
m_sigma_meso_radius     20.0
m_sigma_nanoparticle_radius 0.3
```



## Meso radius

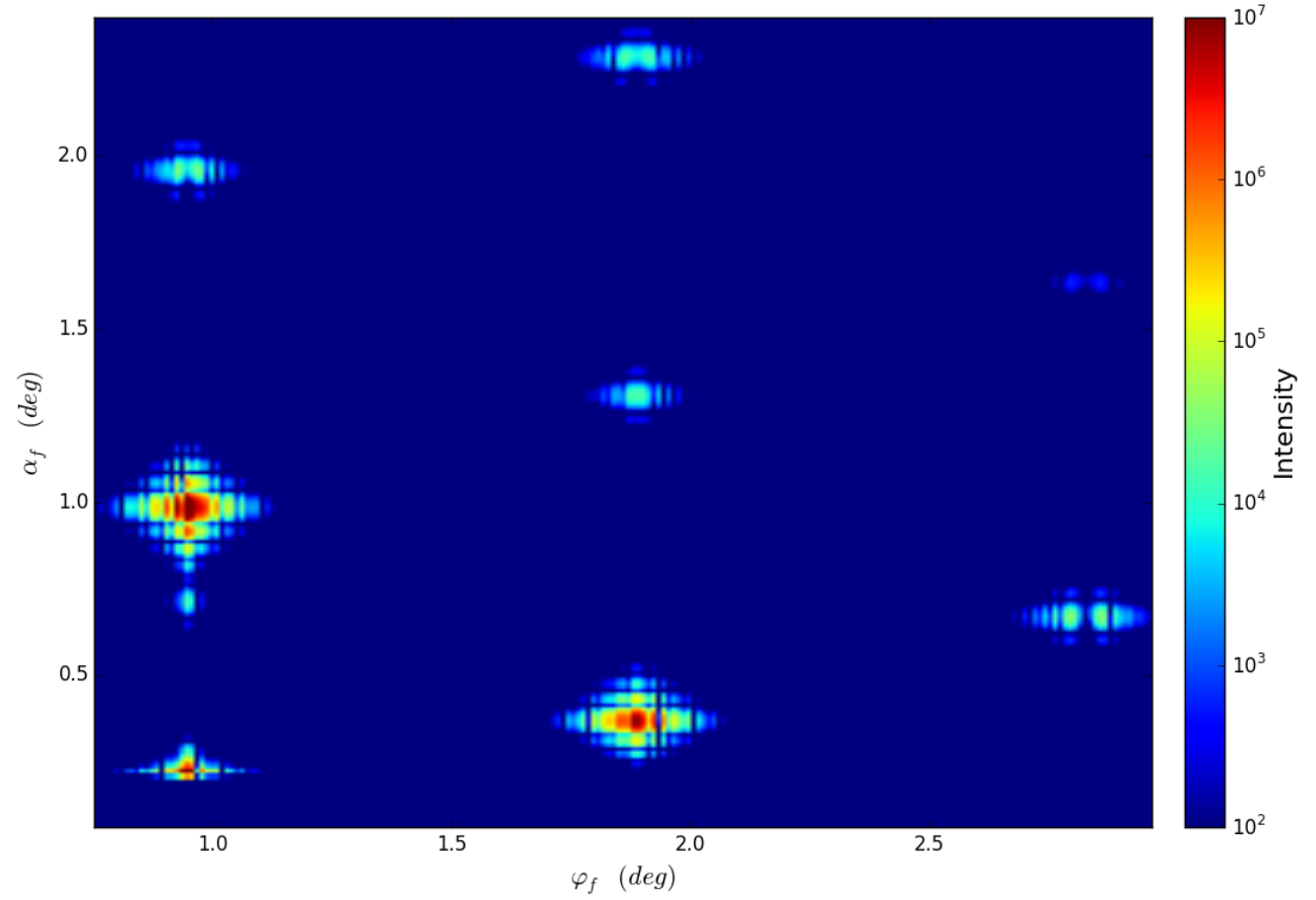
```
SimulationBuilder
m_beam_intensity      6.1e+12
m_beam_wavelength     0.1770
m_inclination_angle   0.4
m_time_spend          1.75
```

```
SampleBuilderVer1
m_average_layer_thickness  600.0
m_meso_elevation           0.0
m_roughness                6.0
m_surface_filling_ratio    0.25
```

```
SingleMesoFactory
```

```
MesoCrystalBuilder
```

```
MesoParameters
m_lattice_length_a      12.45
m_lattice_length_c      31.0
m_meso_height           200.0
m_meso_radius           300.0
m_nanoparticle_radius   5.0
m_nparticles            10
m_sigma_lattice_length_a 0.5
m_sigma_meso_height     20.0
m_sigma_meso_radius     20.0
m_sigma_nanoparticle_radius 0.3
```



## Meso radius

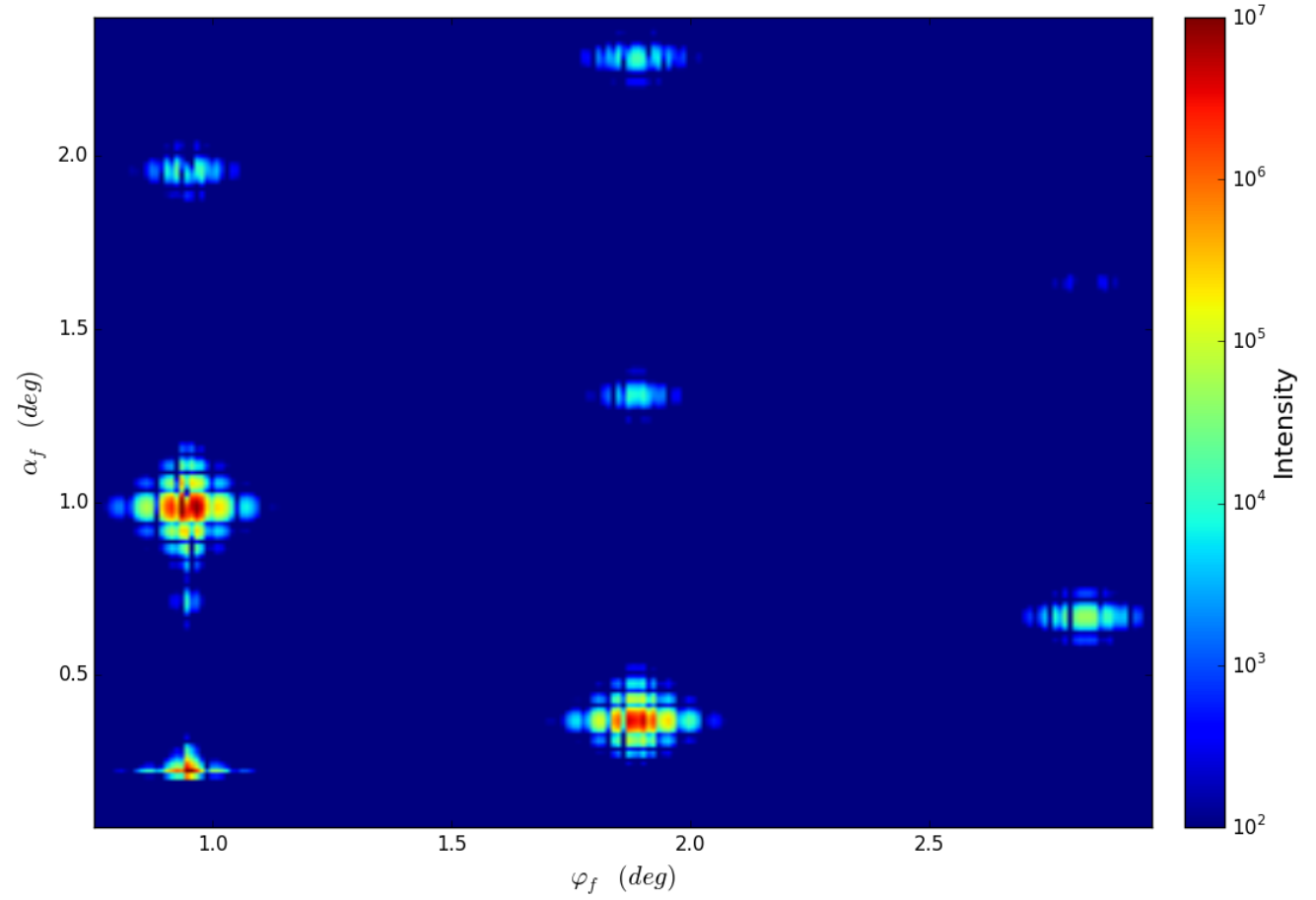
```
SimulationBuilder
m_beam_intensity      6.1e+12
m_beam_wavelength     0.1770
m_inclination_angle   0.4
m_time_spend          1.66
```

```
SampleBuilderVer1
m_average_layer_thickness  600.0
m_meso_elevation           0.0
m_roughness                6.0
m_surface_filling_ratio    0.25
```

```
SingleMesoFactory
```

```
MesoCrystalBuilder
```

```
MesoParameters
m_lattice_length_a      12.45
m_lattice_length_c      31.0
m_meso_height           200.0
m_meso_radius           400.0
m_nanoparticle_radius   5.0
m_nparticles            10
m_sigma_lattice_length_a 0.5
m_sigma_meso_height     20.0
m_sigma_meso_radius     20.0
m_sigma_nanoparticle_radius 0.3
```



## Meso radius

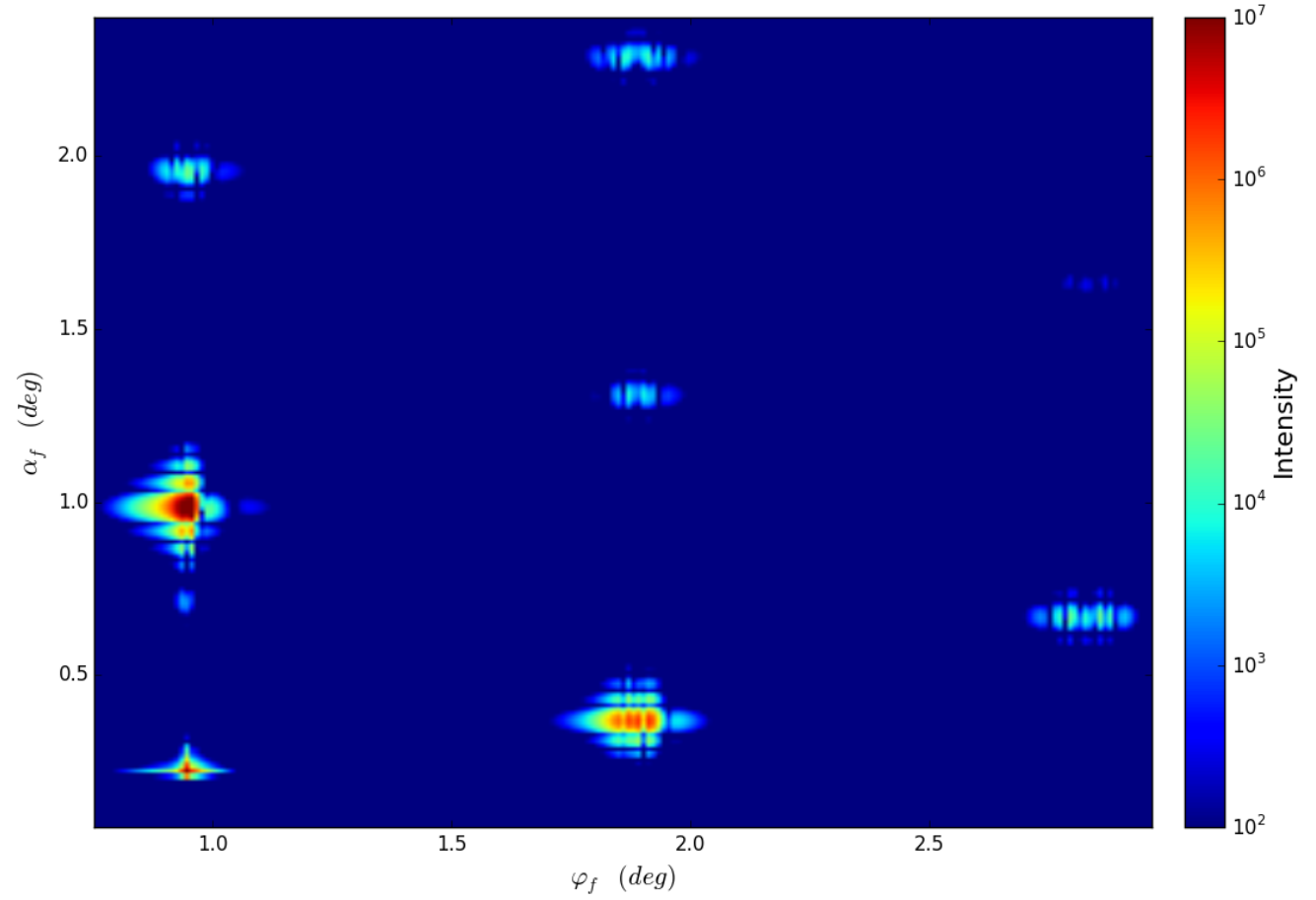
```
SimulationBuilder
m_beam_intensity      6.1e+12
m_beam_wavelength     0.1770
m_inclination_angle   0.4
m_time_spend          1.70
```

```
SampleBuilderVer1
m_average_layer_thickness  600.0
m_meso_elevation           0.0
m_roughness                6.0
m_surface_filling_ratio    0.25
```

```
SingleMesoFactory
```

```
MesoCrystalBuilder
```

```
MesoParameters
m_lattice_length_a      12.45
m_lattice_length_c      31.0
m_meso_height           200.0
m_meso_radius           500.0
m_nanoparticle_radius   5.0
m_nparticles            10
m_sigma_lattice_length_a 0.5
m_sigma_meso_height     20.0
m_sigma_meso_radius     20.0
m_sigma_nanoparticle_radius 0.3
```



## Meso radius

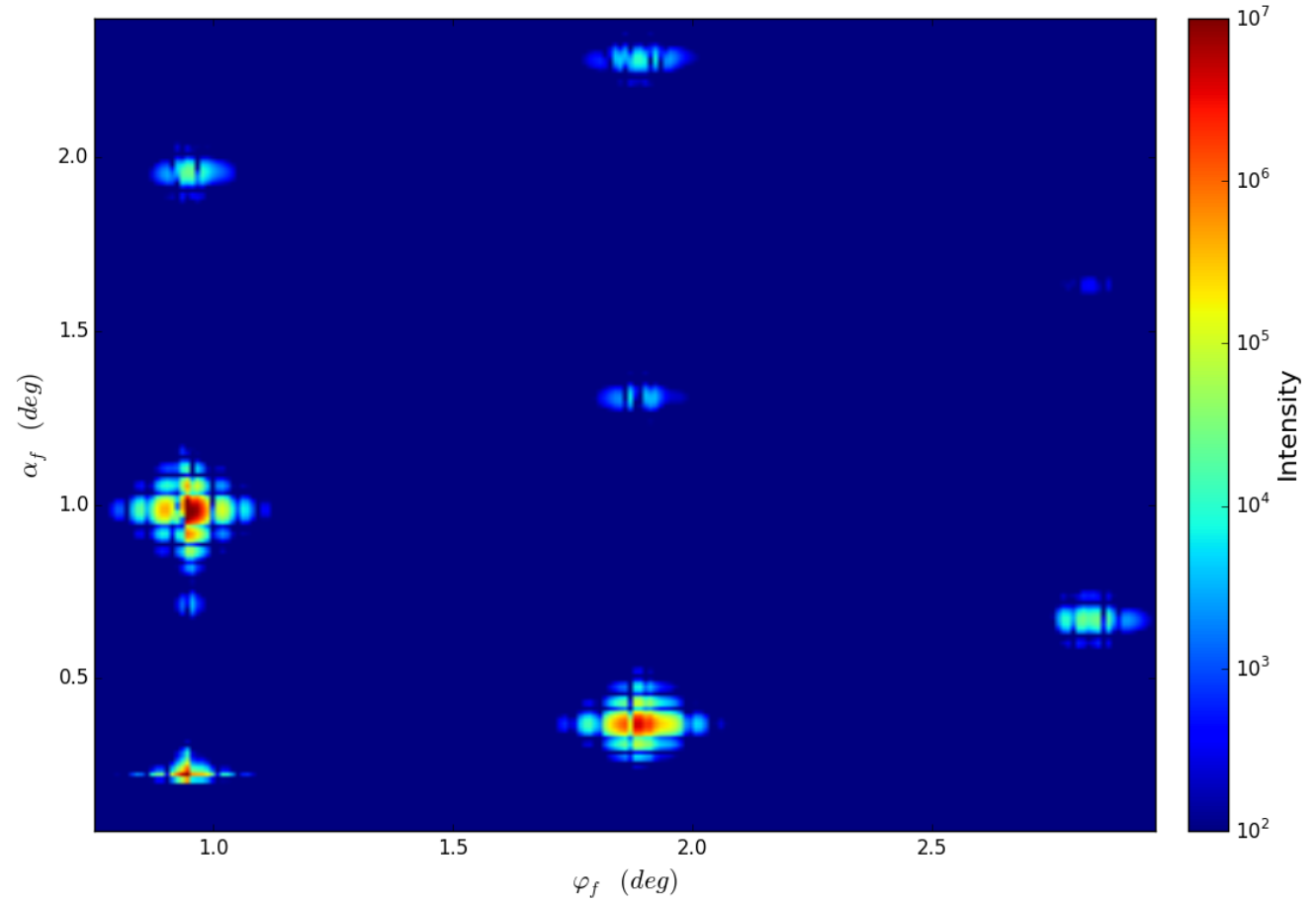
```
SimulationBuilder
m_beam_intensity      6.1e+12
m_beam_wavelength     0.1770
m_inclination_angle   0.4
m_time_spend          1.68
```

```
SampleBuilderVer1
m_average_layer_thickness  600.0
m_meso_elevation           0.0
m_roughness                6.0
m_surface_filling_ratio    0.25
```

```
SingleMesoFactory
```

```
MesoCrystalBuilder
```

```
MesoParameters
m_lattice_length_a      12.45
m_lattice_length_c      31.0
m_meso_height           200.0
m_meso_radius           600.0
m_nanoparticle_radius   5.0
m_nparticles            10
m_sigma_lattice_length_a 0.5
m_sigma_meso_height     20.0
m_sigma_meso_radius     20.0
m_sigma_nanoparticle_radius 0.3
```



## Meso radius

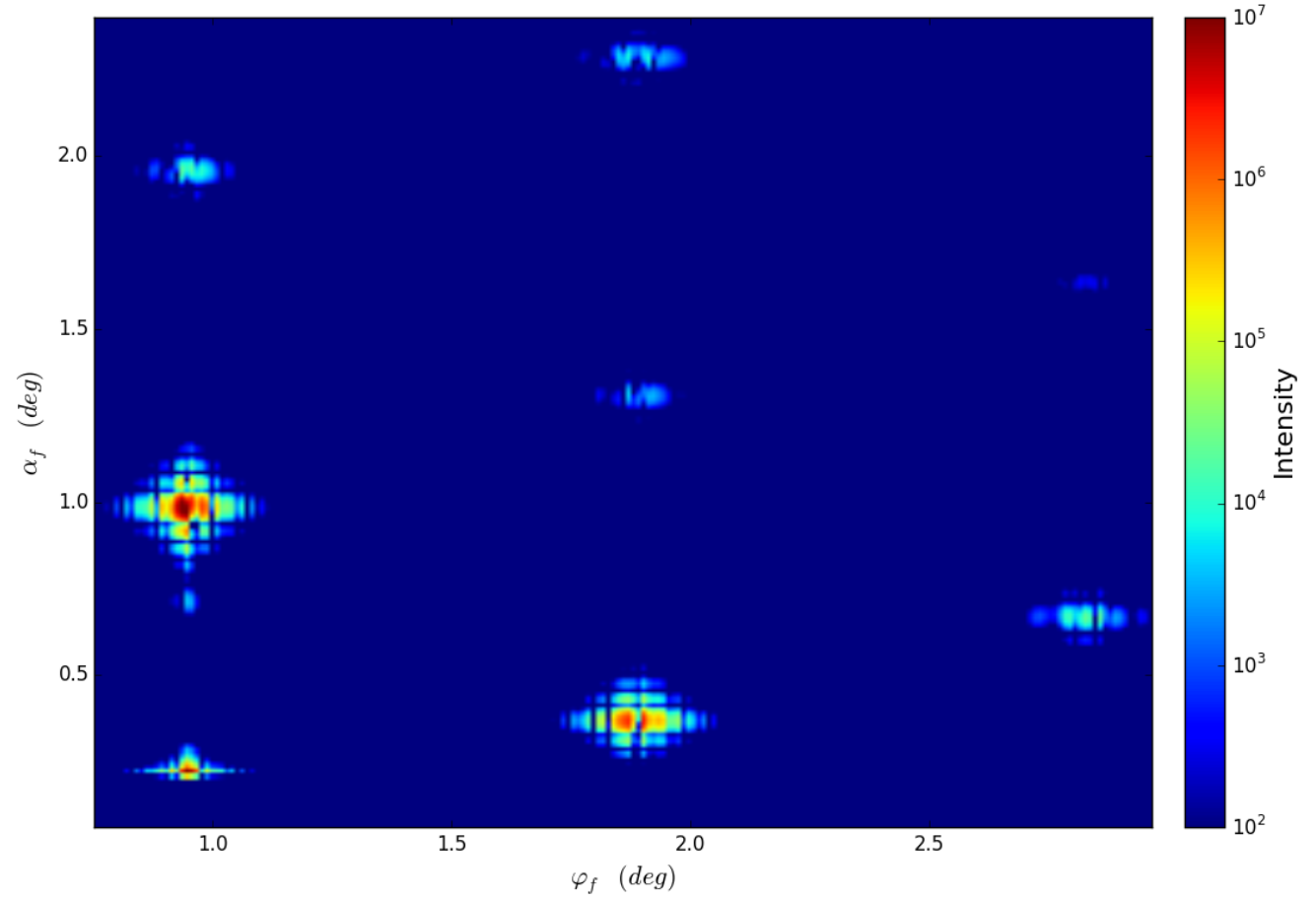
```
SimulationBuilder
m_beam_intensity      6.1e+12
m_beam_wavelength     0.1770
m_inclination_angle   0.4
m_time_spend          1.72
```

```
SampleBuilderVer1
m_average_layer_thickness  600.0
m_meso_elevation           0.0
m_roughness                 6.0
m_surface_filling_ratio    0.25
```

```
SingleMesoFactory
```

```
MesoCrystalBuilder
```

```
MesoParameters
m_lattice_length_a      12.45
m_lattice_length_c      31.0
m_meso_height            200.0
m_meso_radius            700.0
m_nanoparticle_radius   5.0
m_nparticles             10
m_sigma_lattice_length_a 0.5
m_sigma_meso_height      20.0
m_sigma_meso_radius      20.0
m_sigma_nanoparticle_radius 0.3
```





## Meso radius

```
SimulationBuilder
m_beam_intensity      6.1e+12
m_beam_wavelength     0.1770
m_inclination_angle   0.4
m_time_spend          1.68
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SampleBuilderVer1
m_average_layer_thickness  600.0
m_meso_elevation           0.0
m_roughness                6.0
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MesoParameters
m_lattice_length_a      12.45
m_lattice_length_c      31.0
m_meso_height           200.0
m_meso_radius           800.0
m_nanoparticle_radius   5.0
m_nparticles            10
m_sigma_lattice_length_a 0.5
m_sigma_meso_height     20.0
m_sigma_meso_radius     20.0
m_sigma_nanoparticle_radius 0.3
```

