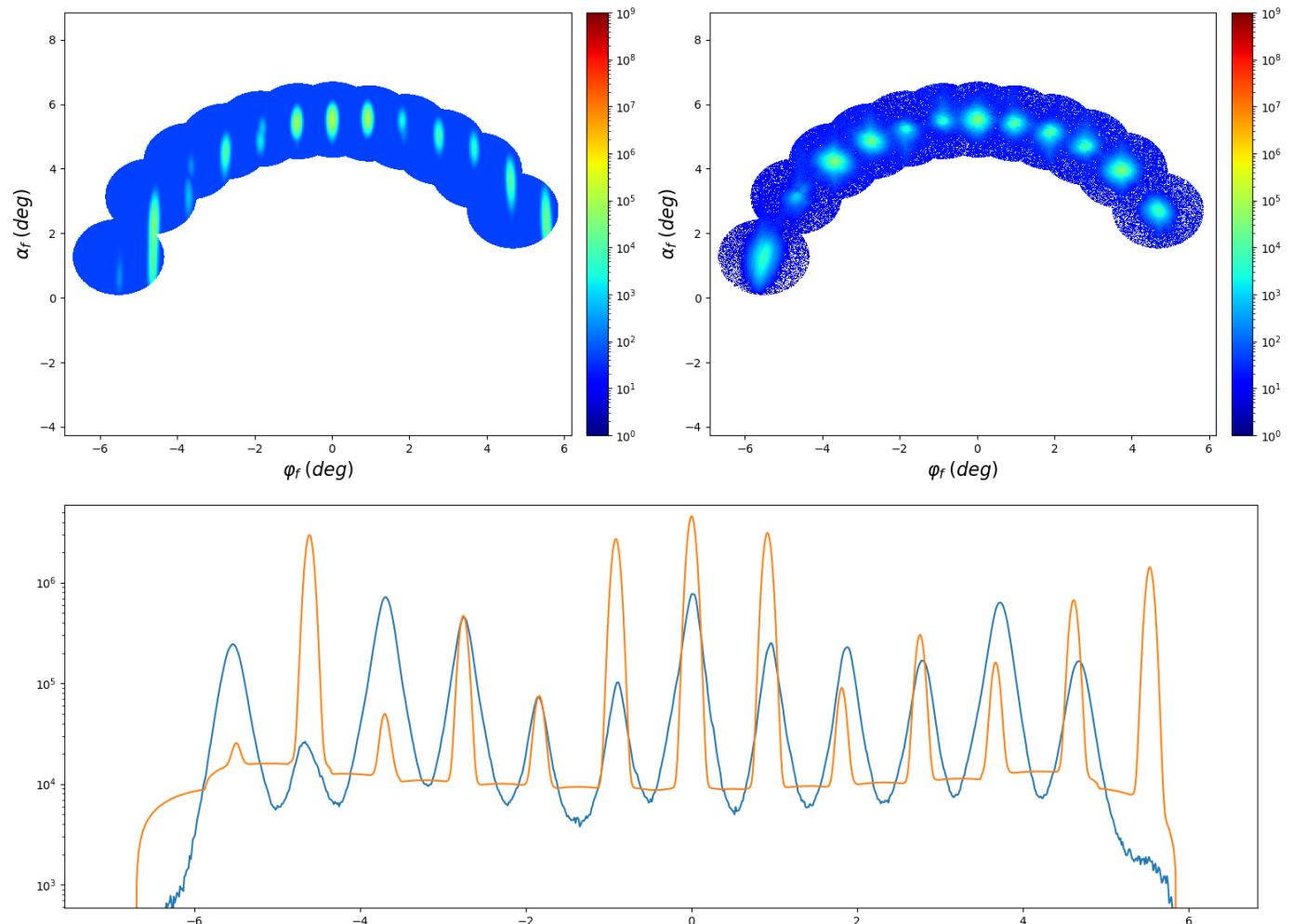


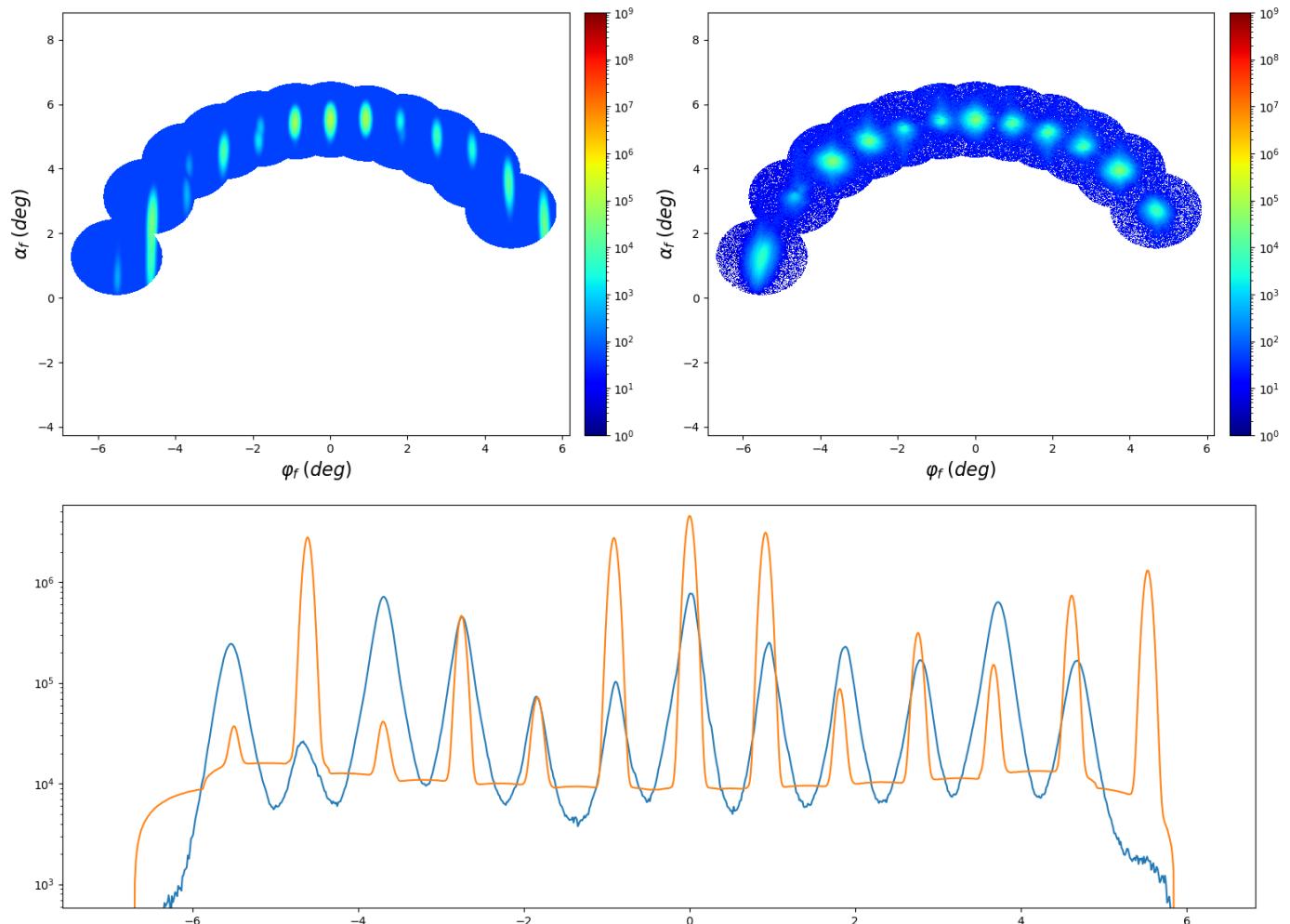
Rotation scan

```
SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.39
m_wavelength           13.5200
```



Rotation scan

```
SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.28
m_wavelength           13.5200
```

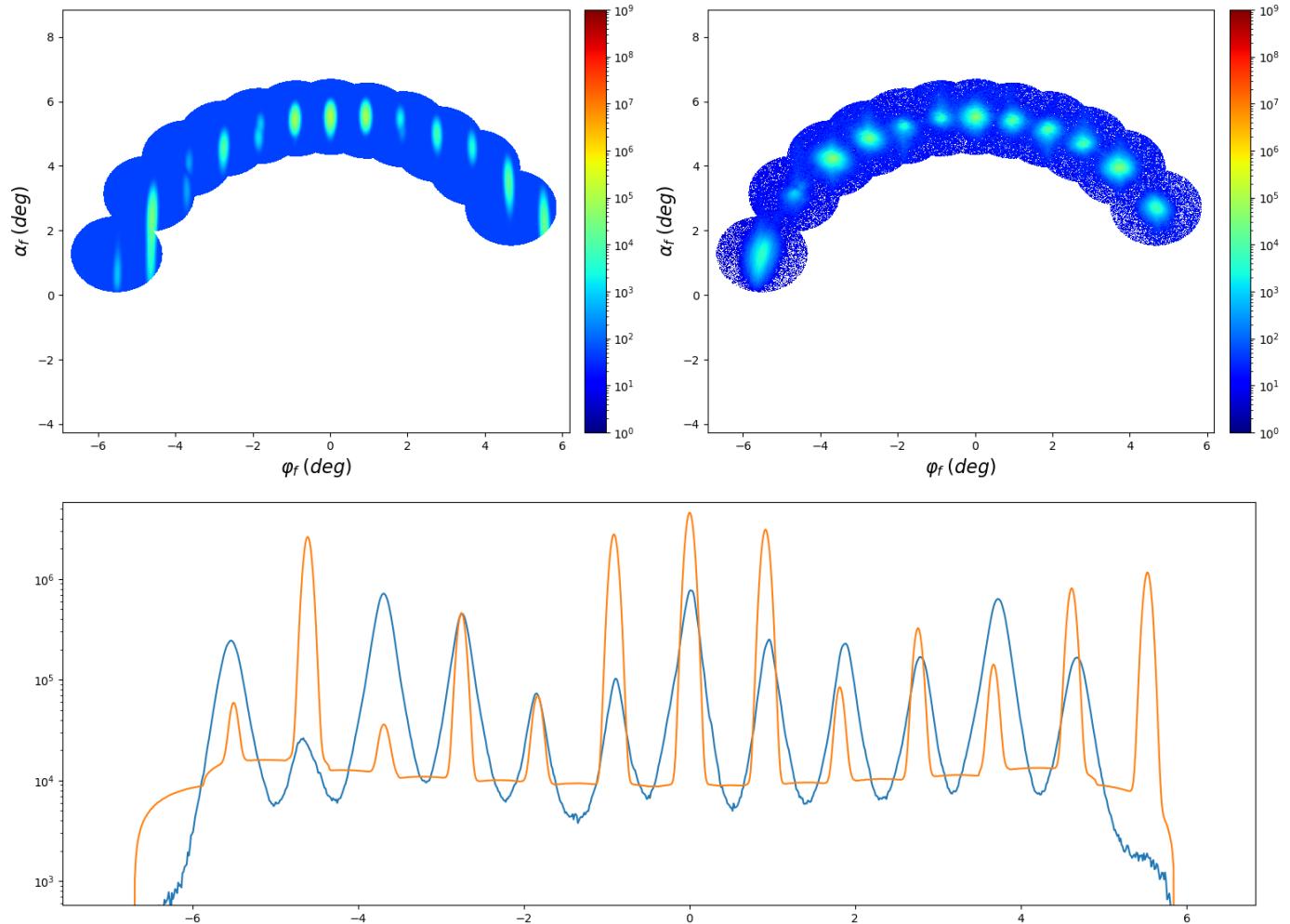


Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.48
m_wavelength           13.5200
SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        -0.00698131700797
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```



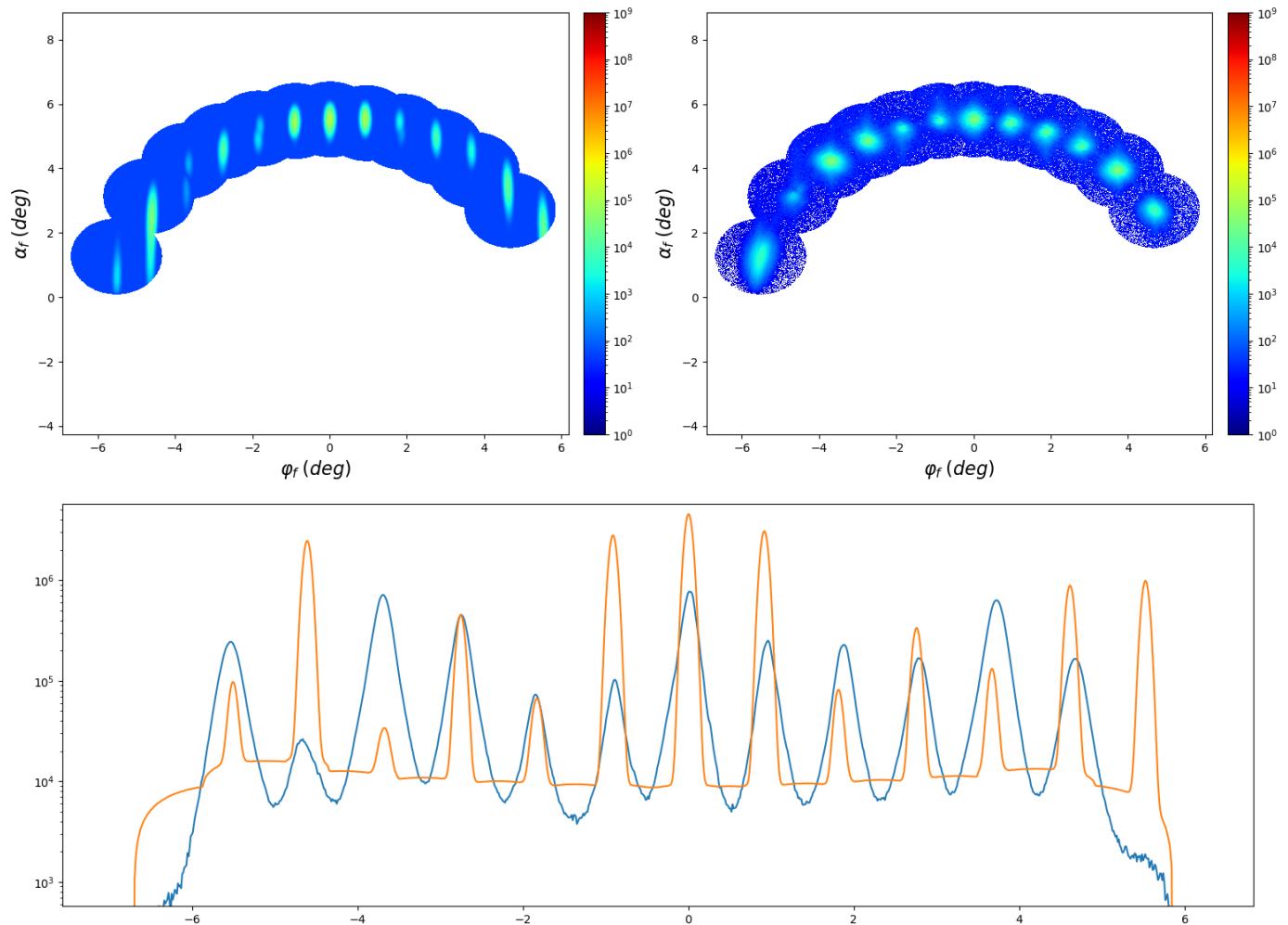
Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.45
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        -0.00610865238198
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

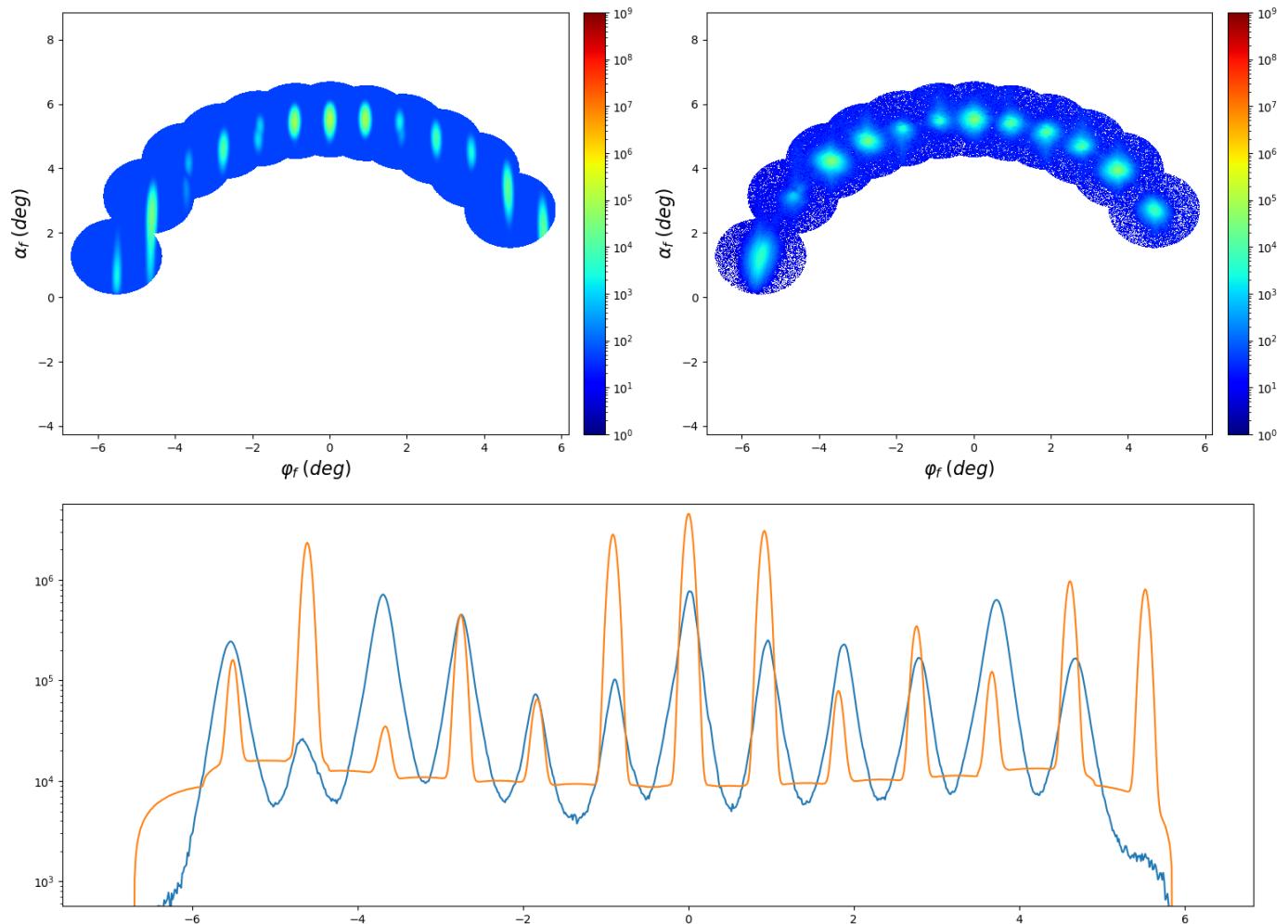
```



Rotation scan

```
SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.35
m_wavelength           13.5200
```

```
SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        -0.00523598775598
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02
```

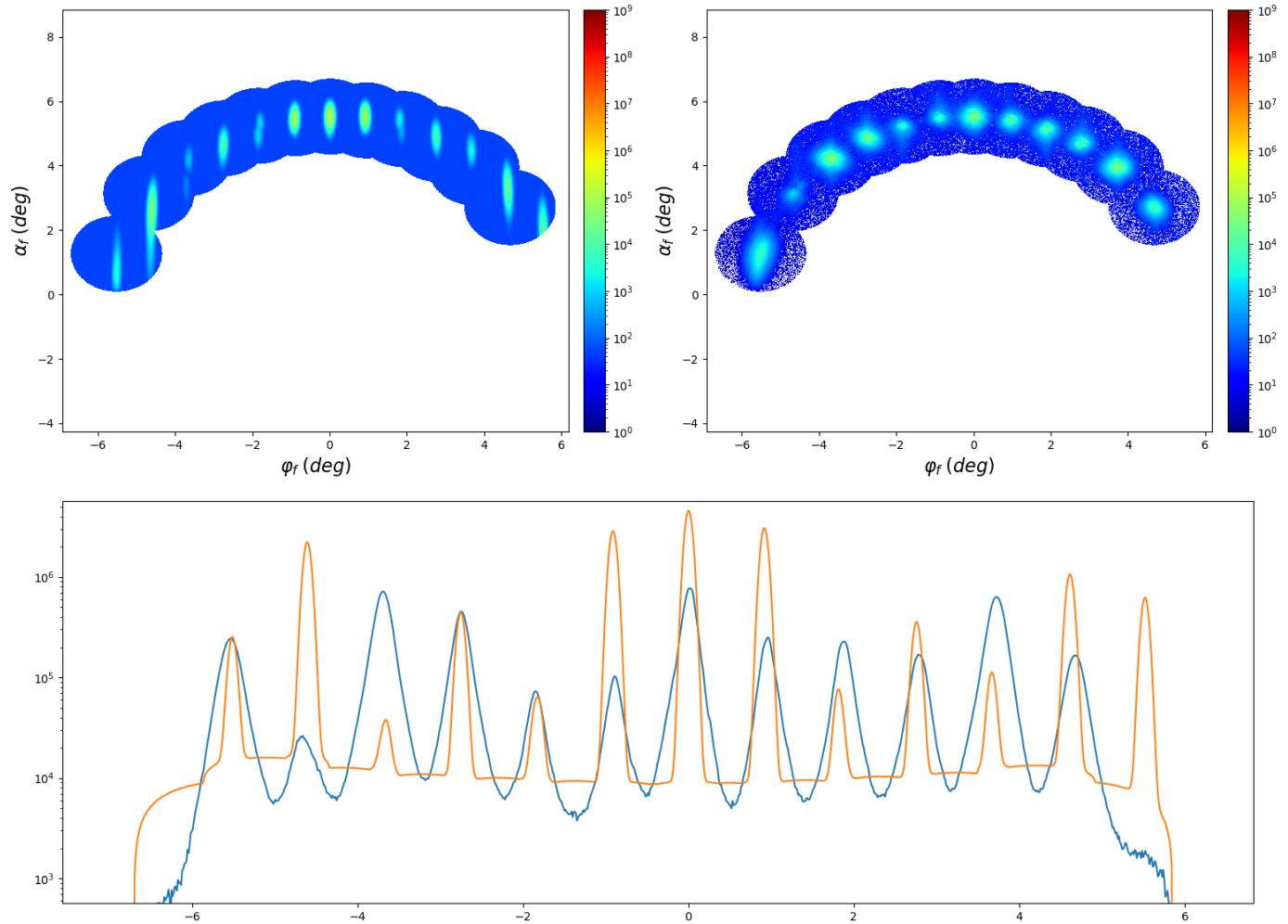


Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.32
m_wavelength           13.5200
SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        -0.00436332312998
m_rough_corr            10.0
m_rough_hurst            0.5
m_rough_sigma            5.0
m_surface_density        0.02

```

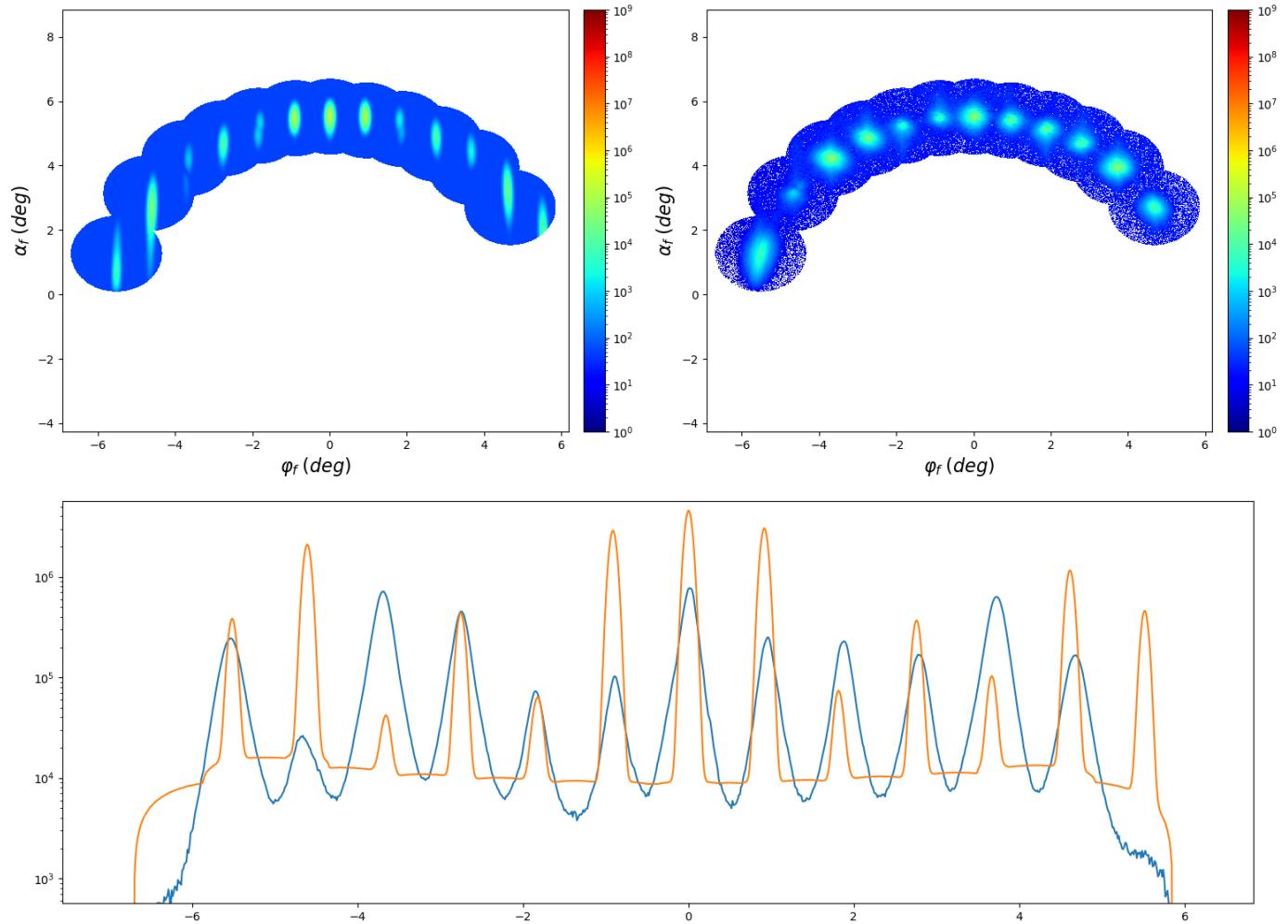


Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.35
m_wavelength           13.5200
SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        -0.00349065850398
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```

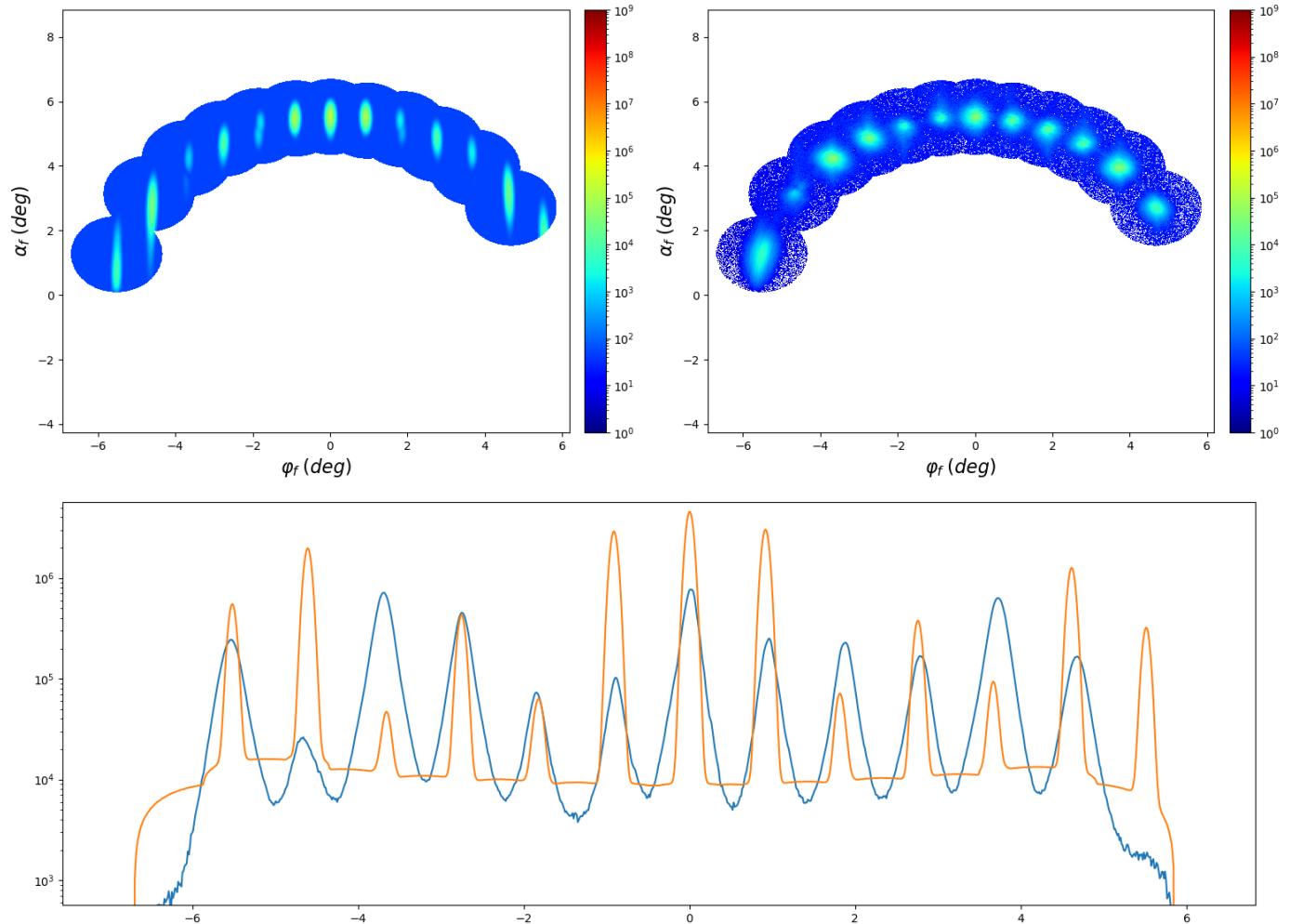


Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.36
m_wavelength           13.5200
SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        -0.00261799387799
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```



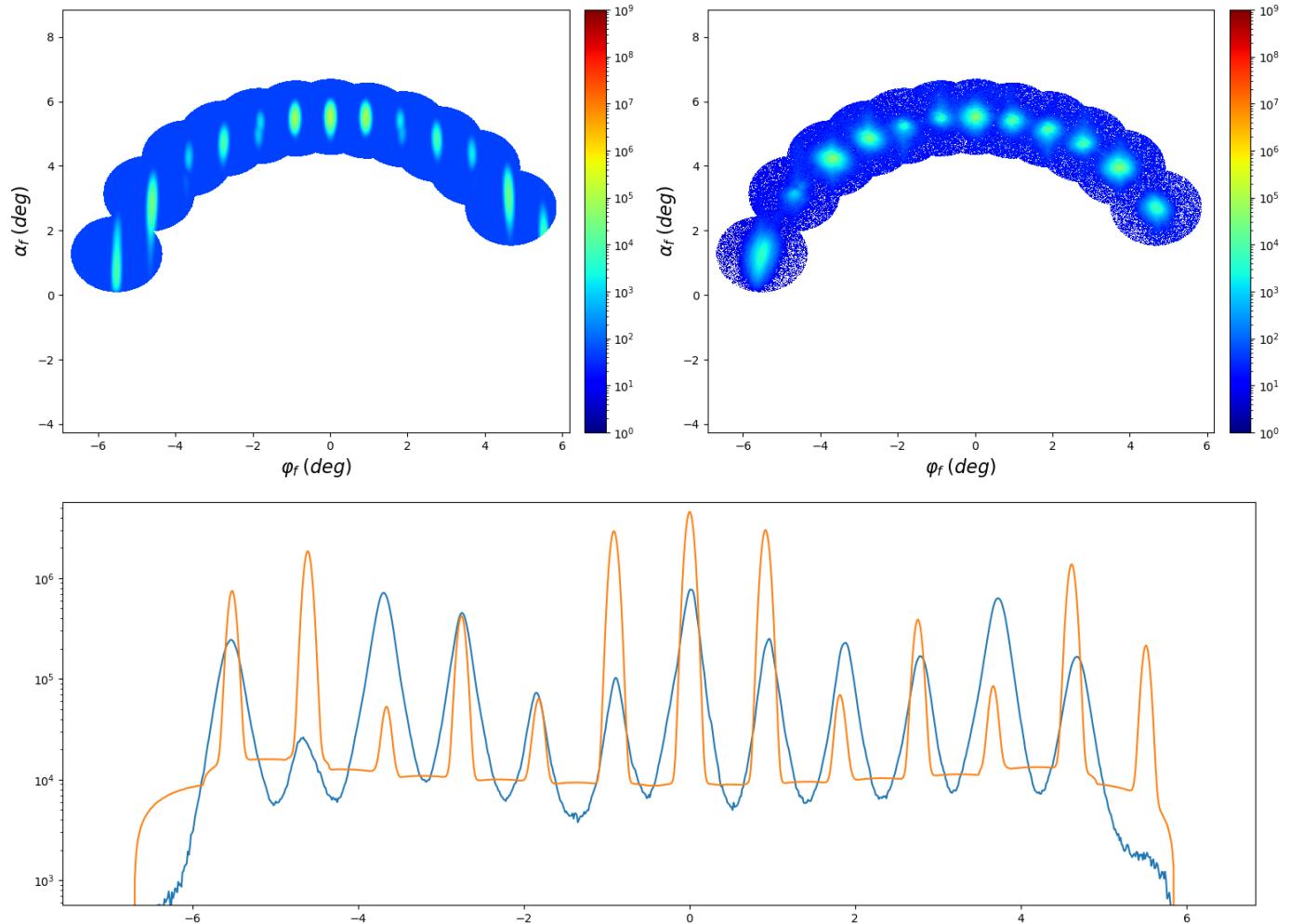
Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.50
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        -0.00174532925199
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```



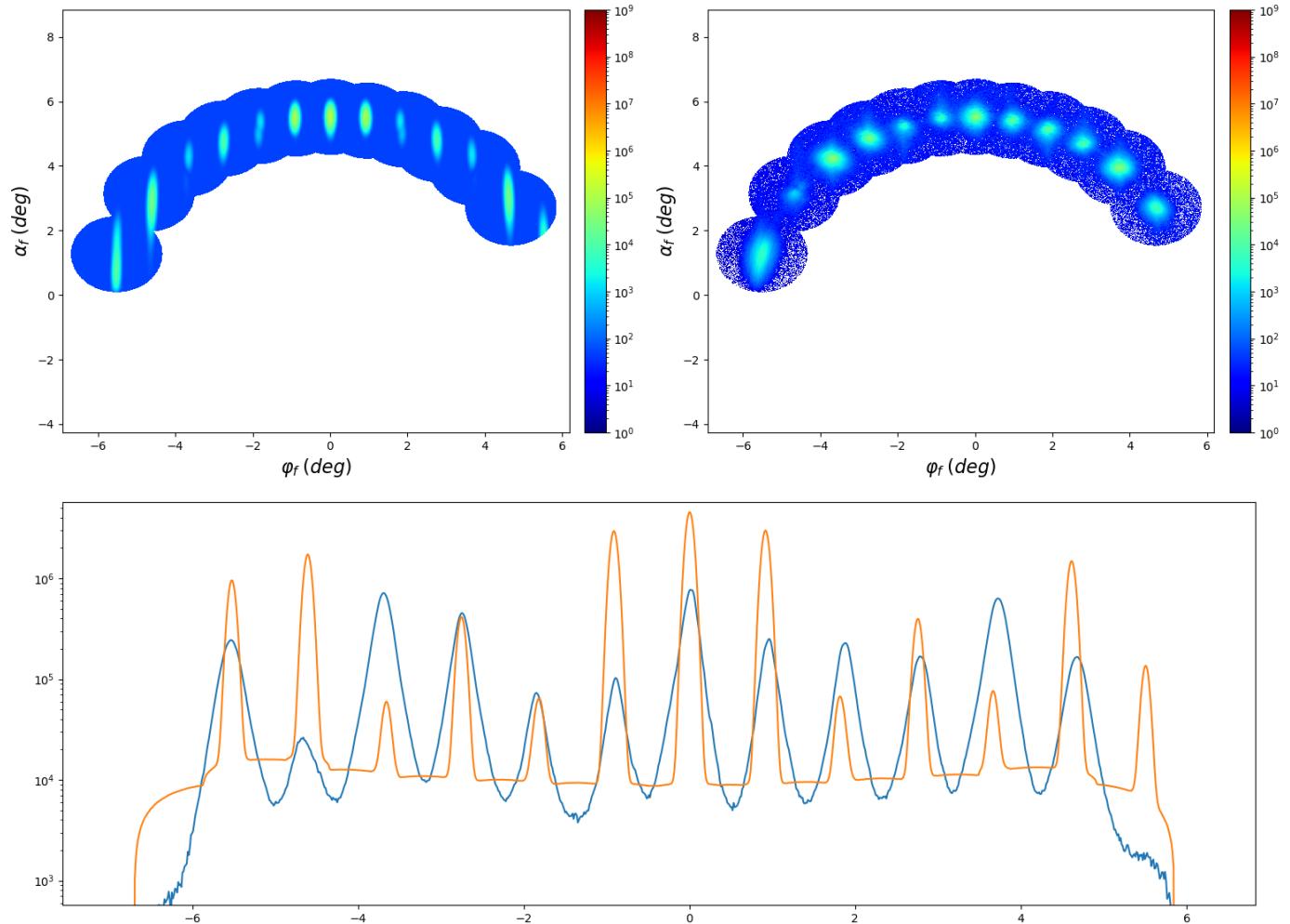
Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.40
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        -0.00087266462599
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```

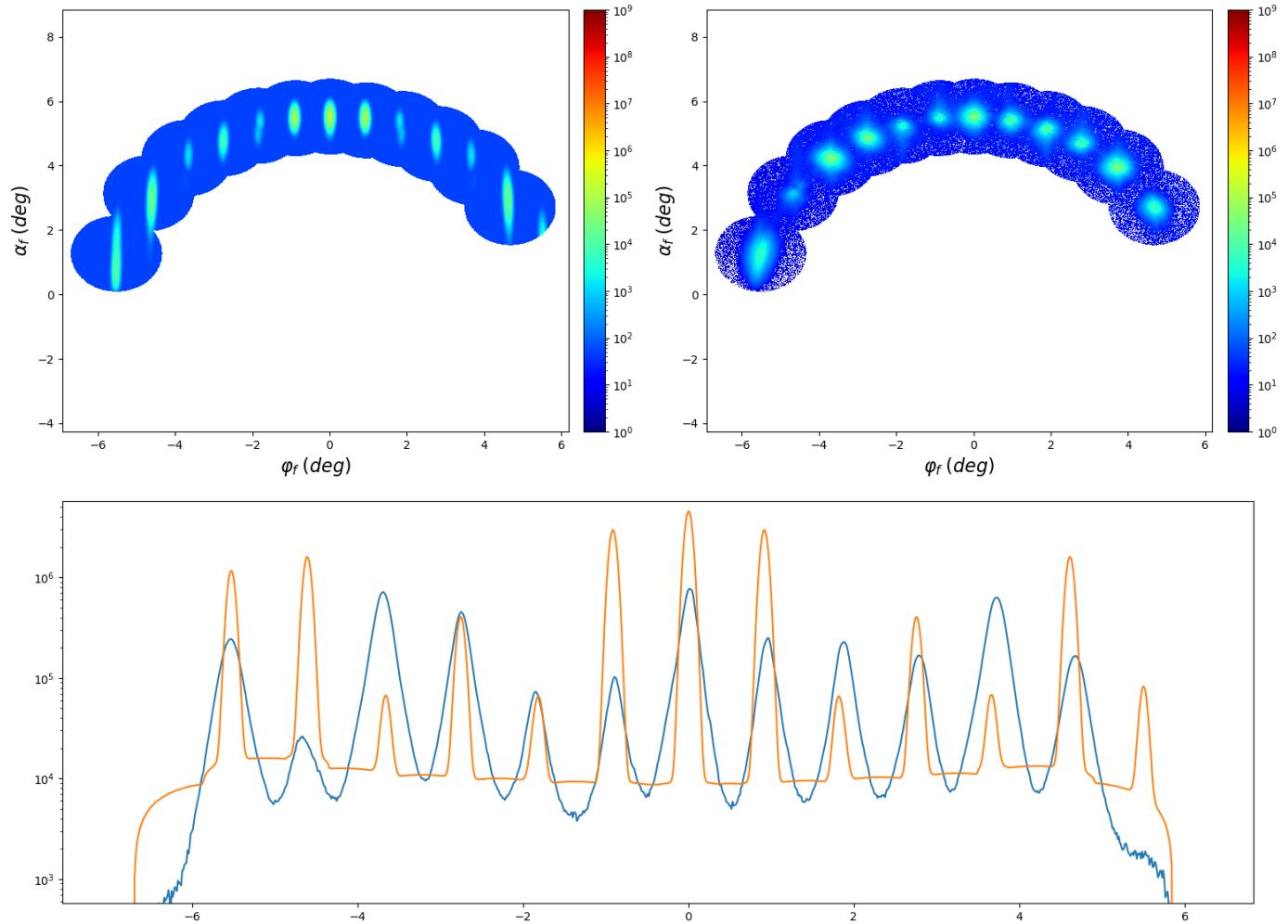


Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.39
m_wavelength           13.5200
SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        0.0
m_rough_corr            10.0
m_rough_hurst            0.5
m_rough_sigma            5.0
m_surface_density        0.02

```

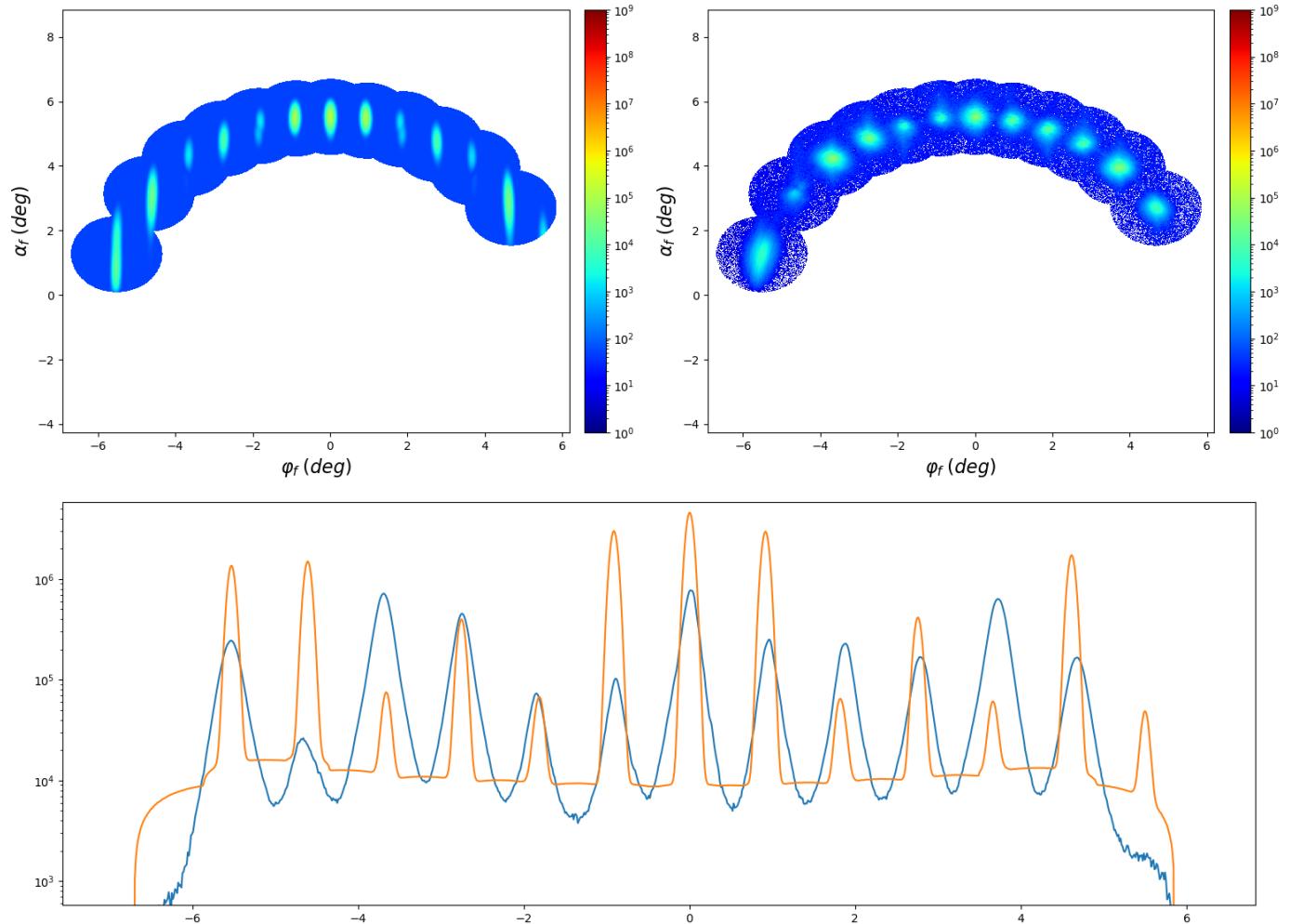


Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.36
m_wavelength           13.5200
SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        0.000872664625997
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```

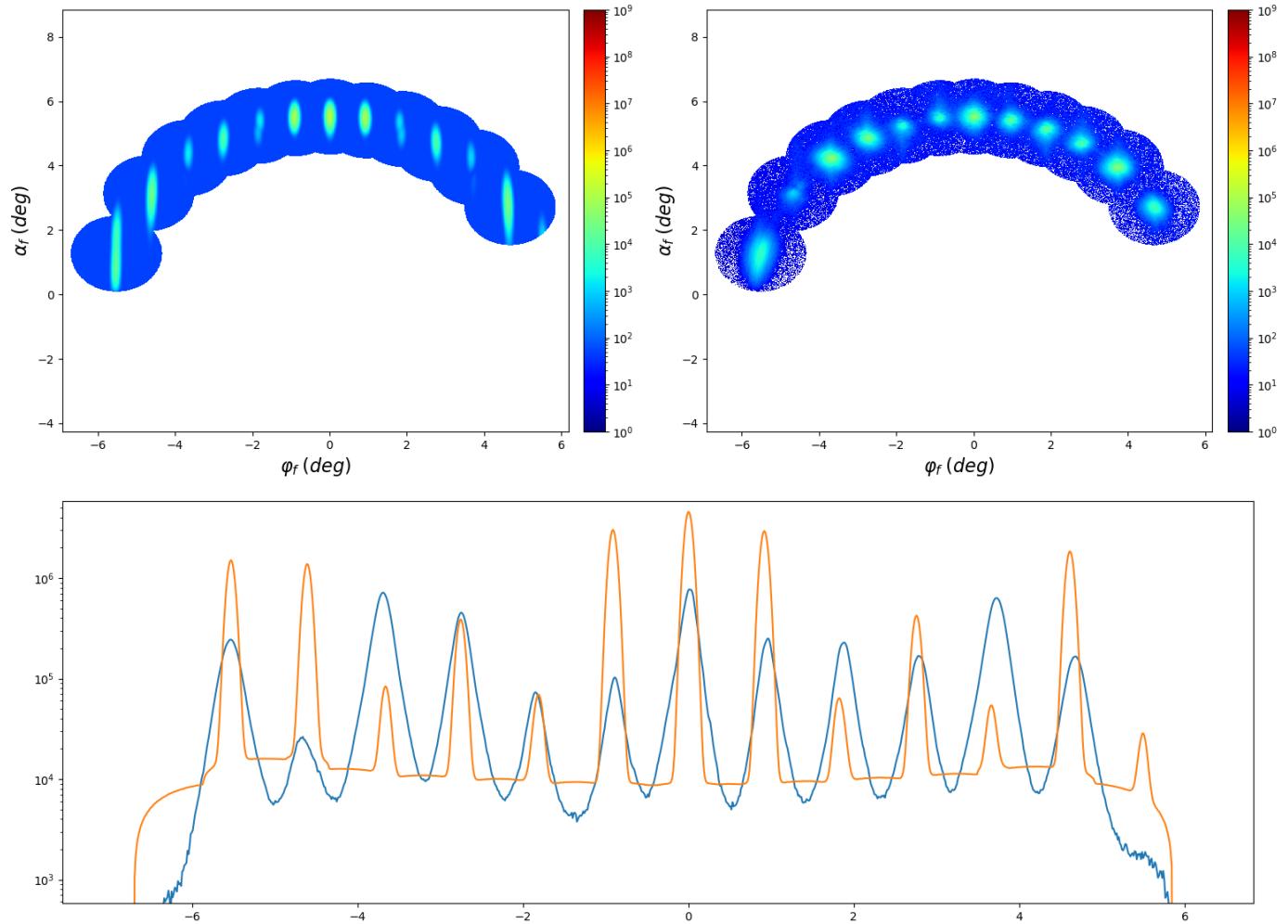


Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.36
m_wavelength           13.5200
SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        0.001745329251994
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```



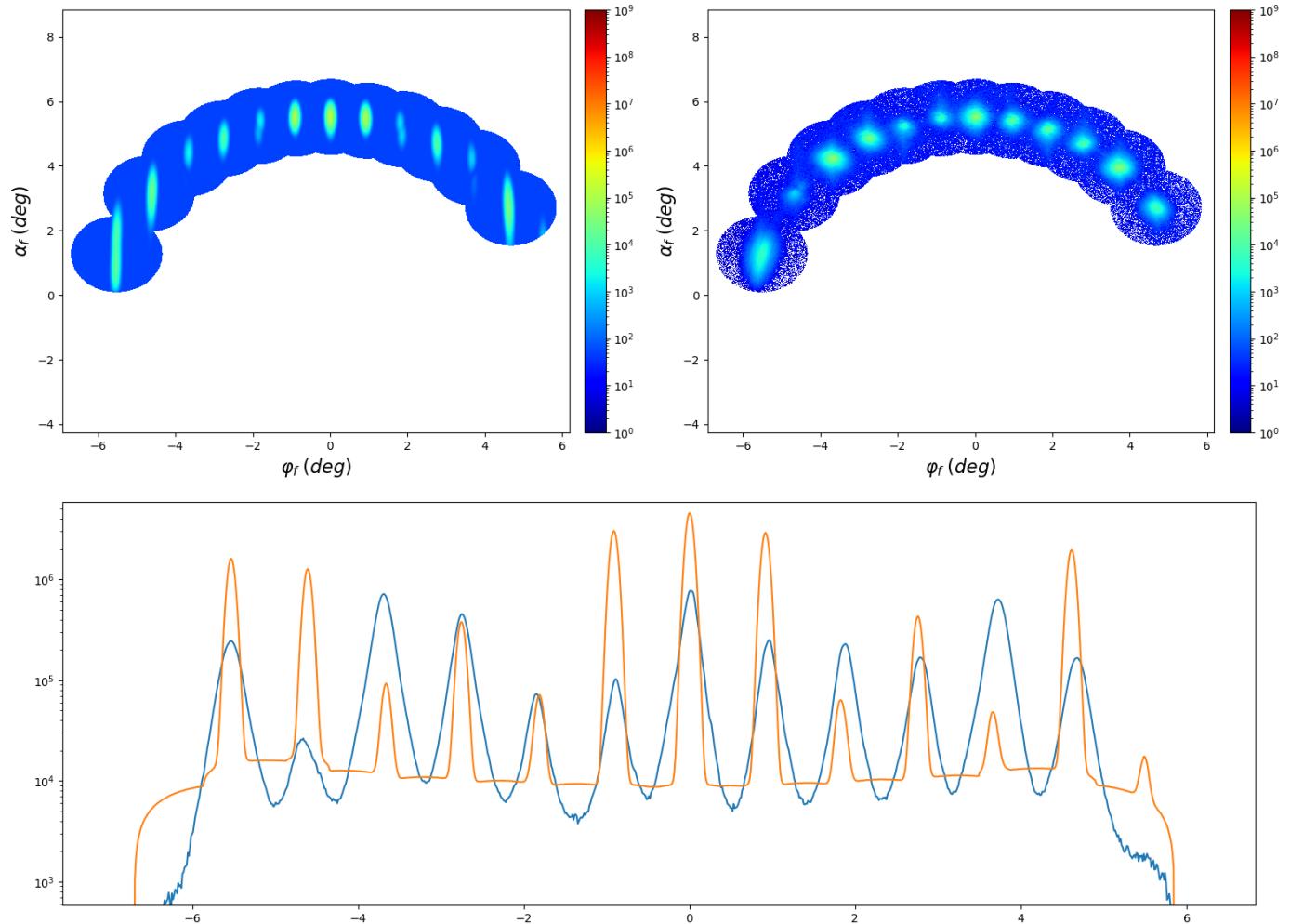
Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.37
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        0.002617993877991
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```



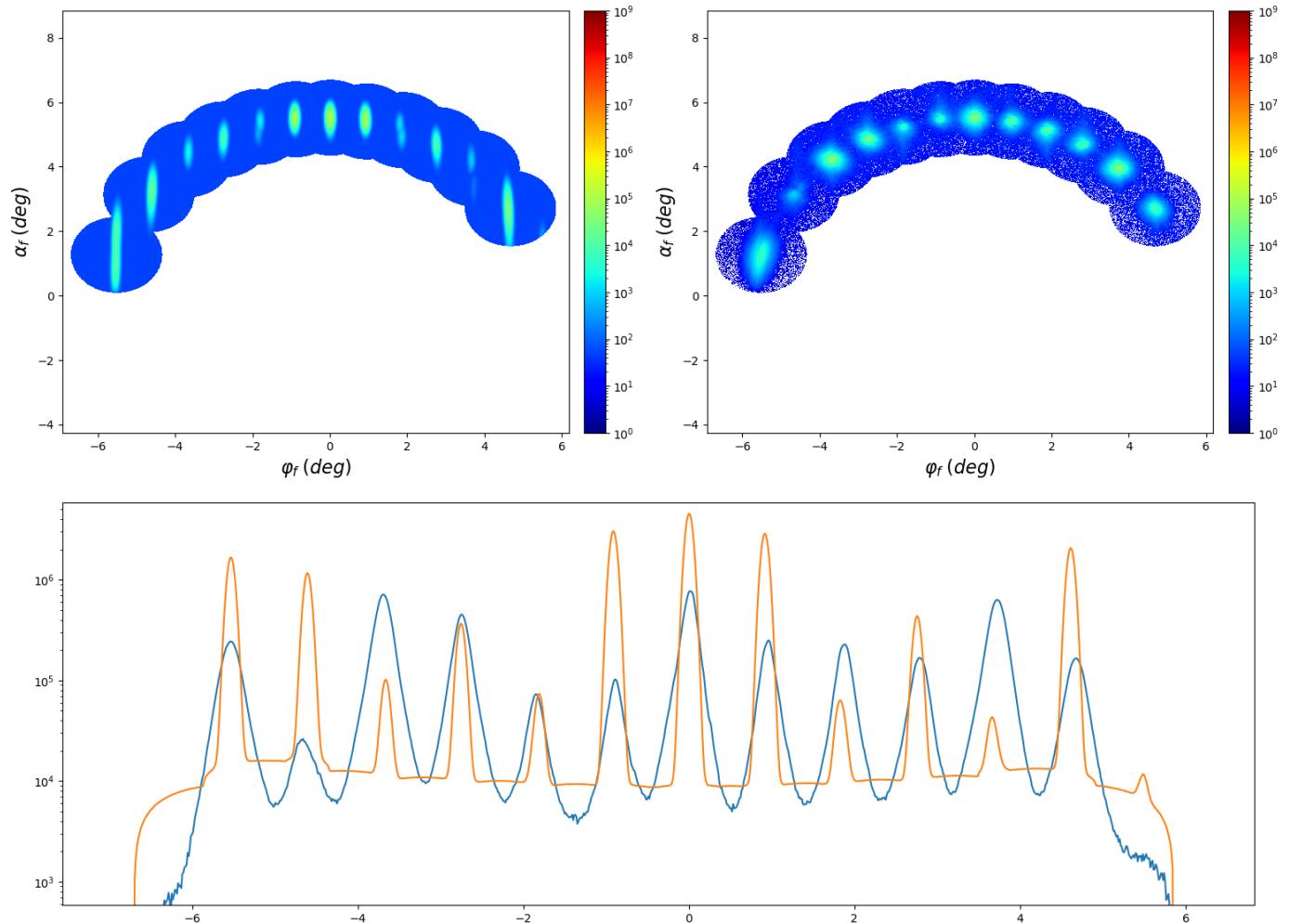
Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.43
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        0.003490658503988
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```

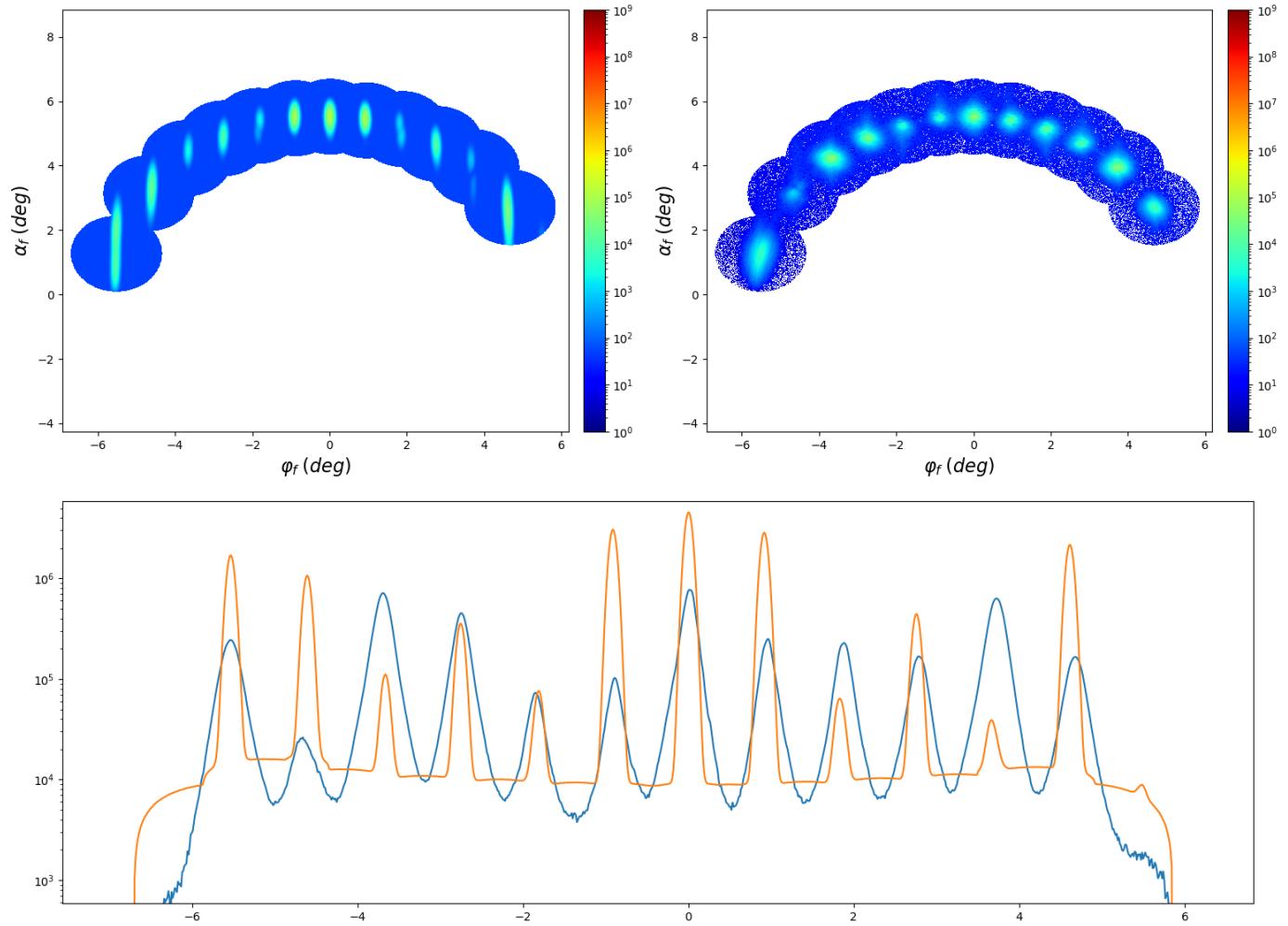


Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.40
m_wavelength           13.5200
SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        0.004363323129985
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```

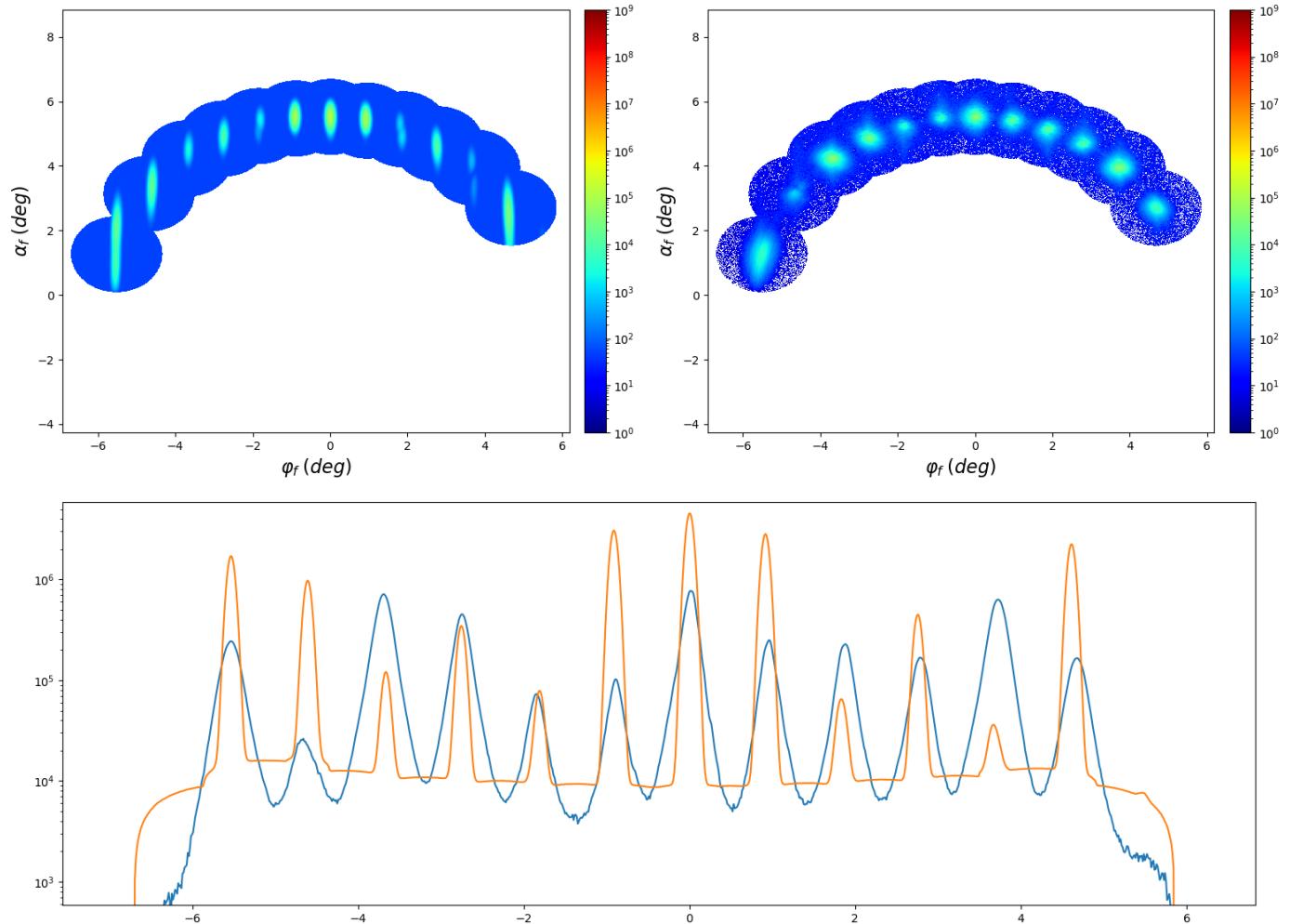


Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.34
m_wavelength           13.5200
SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        0.005235987755982
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```



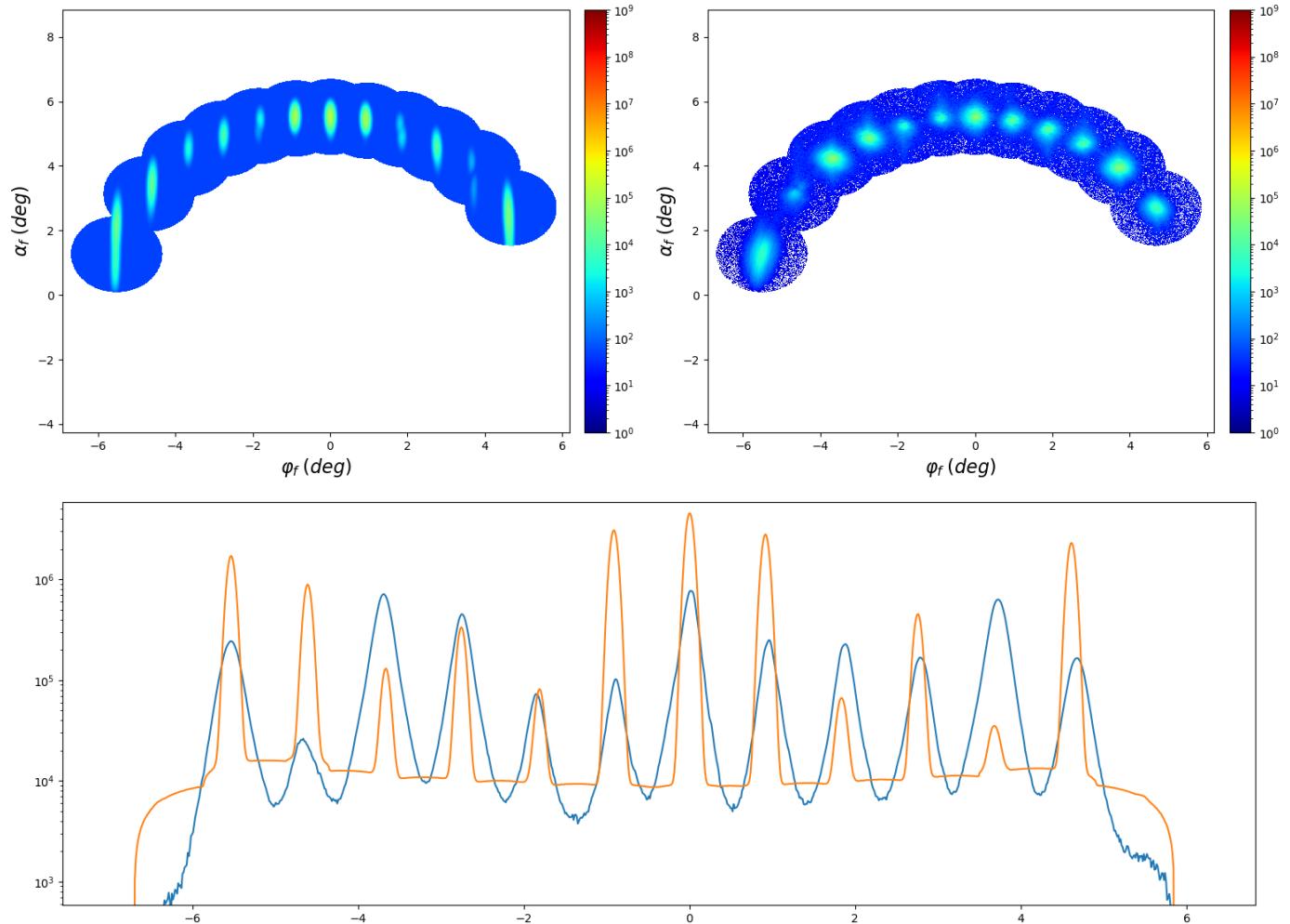
Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.36
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        0.006108652381980
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```

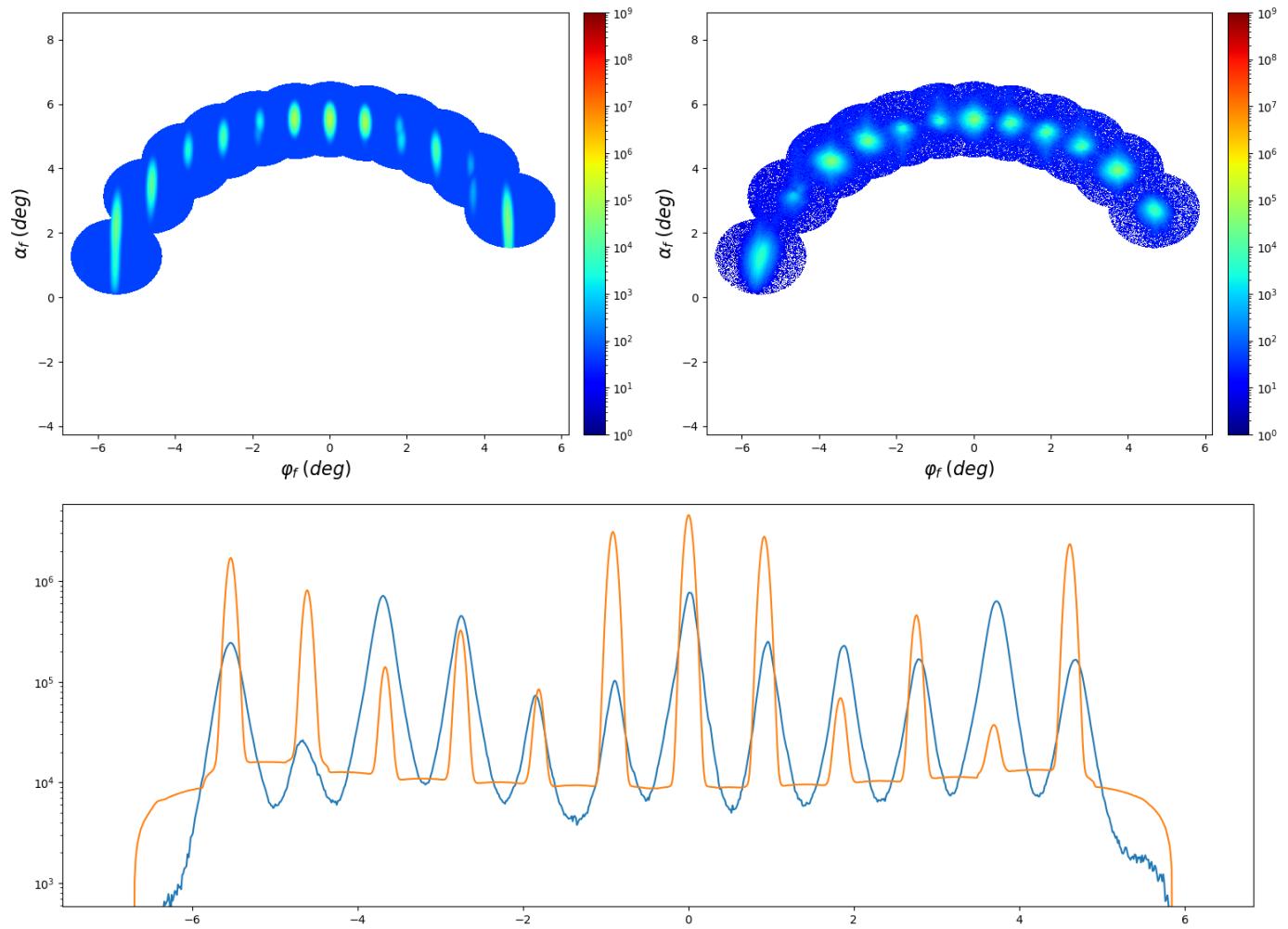


Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.37
m_wavelength           13.5200
SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        0.006981317007977
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```

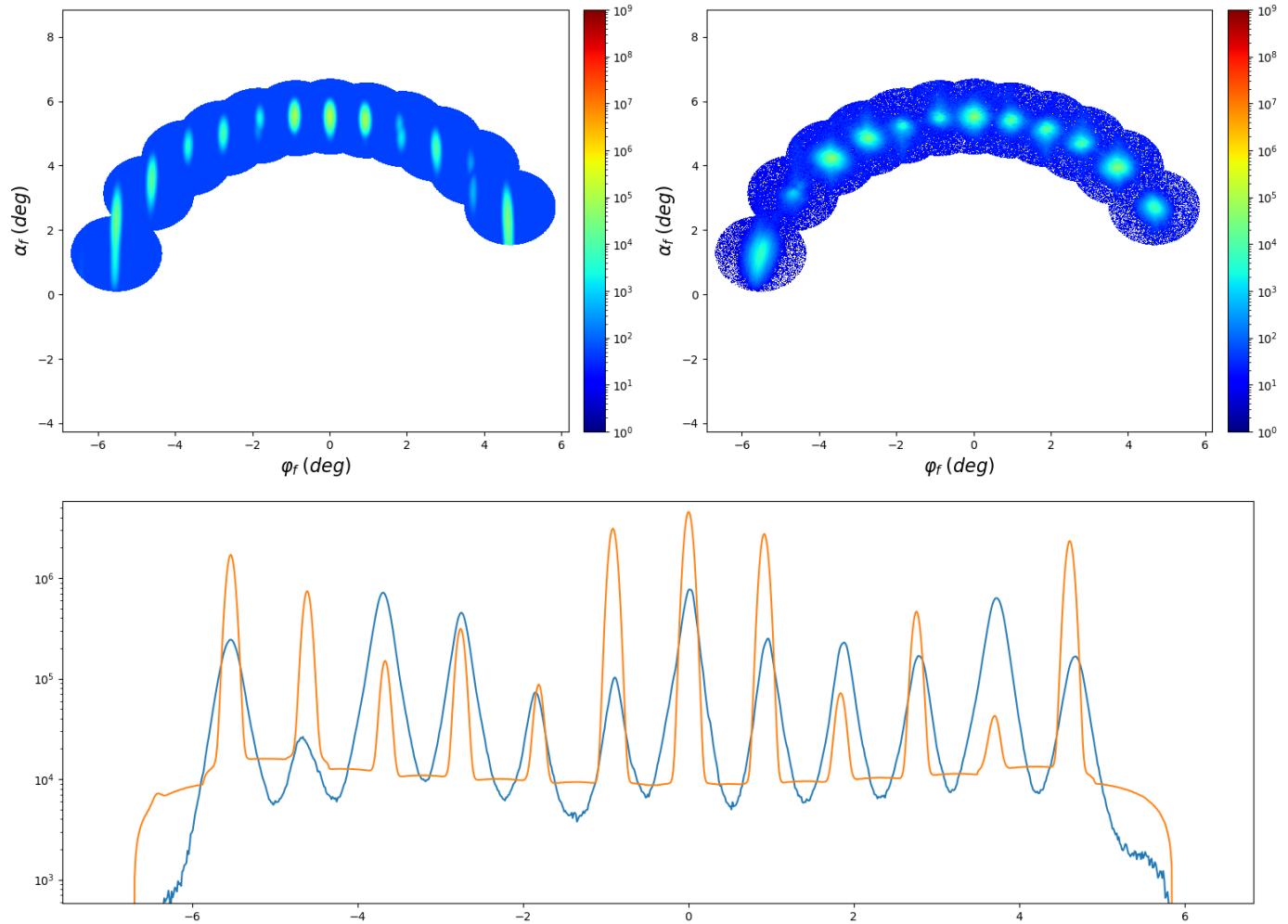


Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.38
m_wavelength           13.5200
SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        0.007853981633974
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```



Rotation scan

```

SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.42
m_wavelength           13.5200
SimpleSinusGrating
m_decay_length         2500
m_grating_height       201
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        0.008726646259971
m_rough_corr            10.0
m_rough_hurst           0.5
m_rough_sigma            5.0
m_surface_density        0.02

```

