

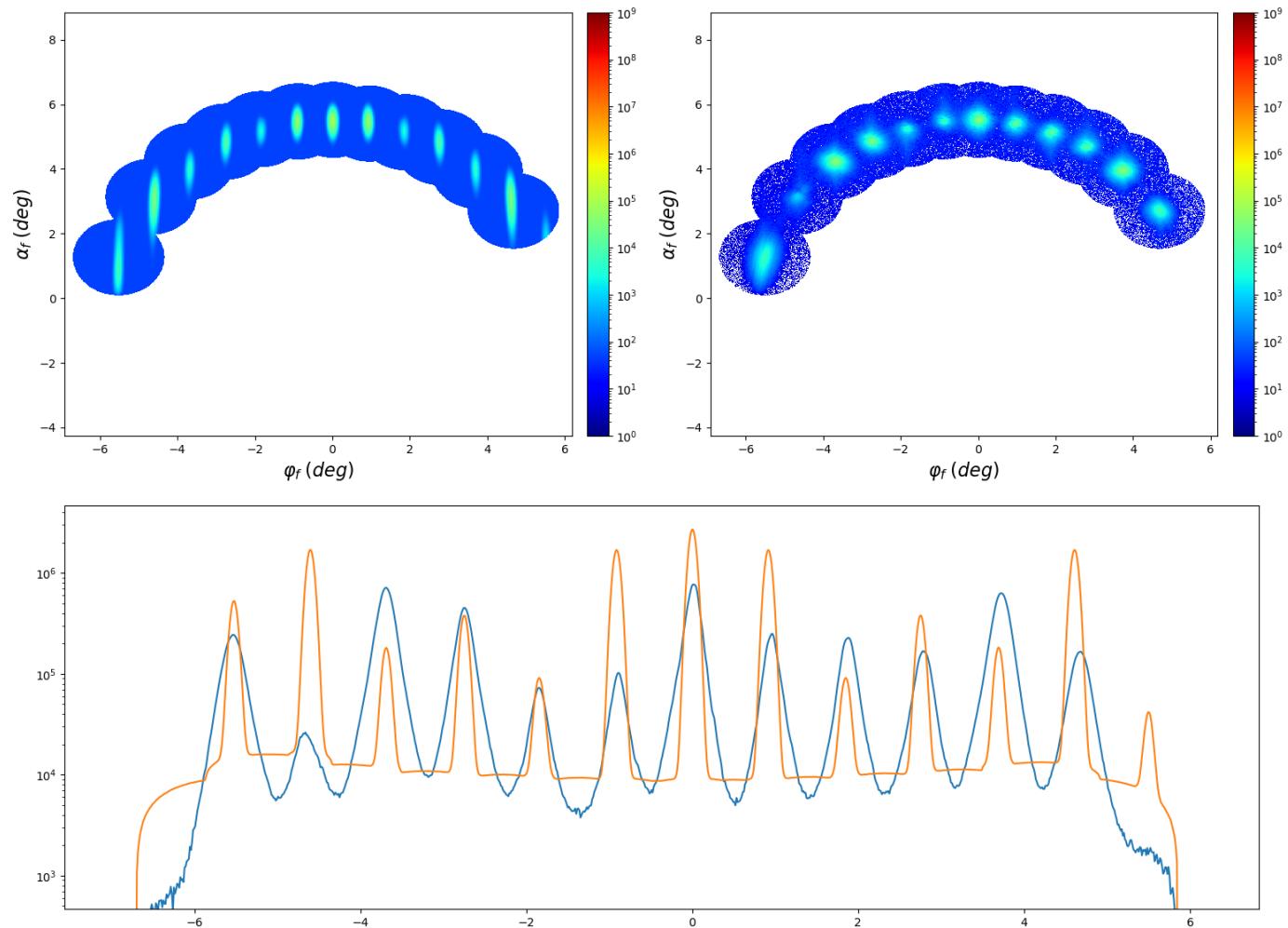
Experiment

```

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       180.0
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

```



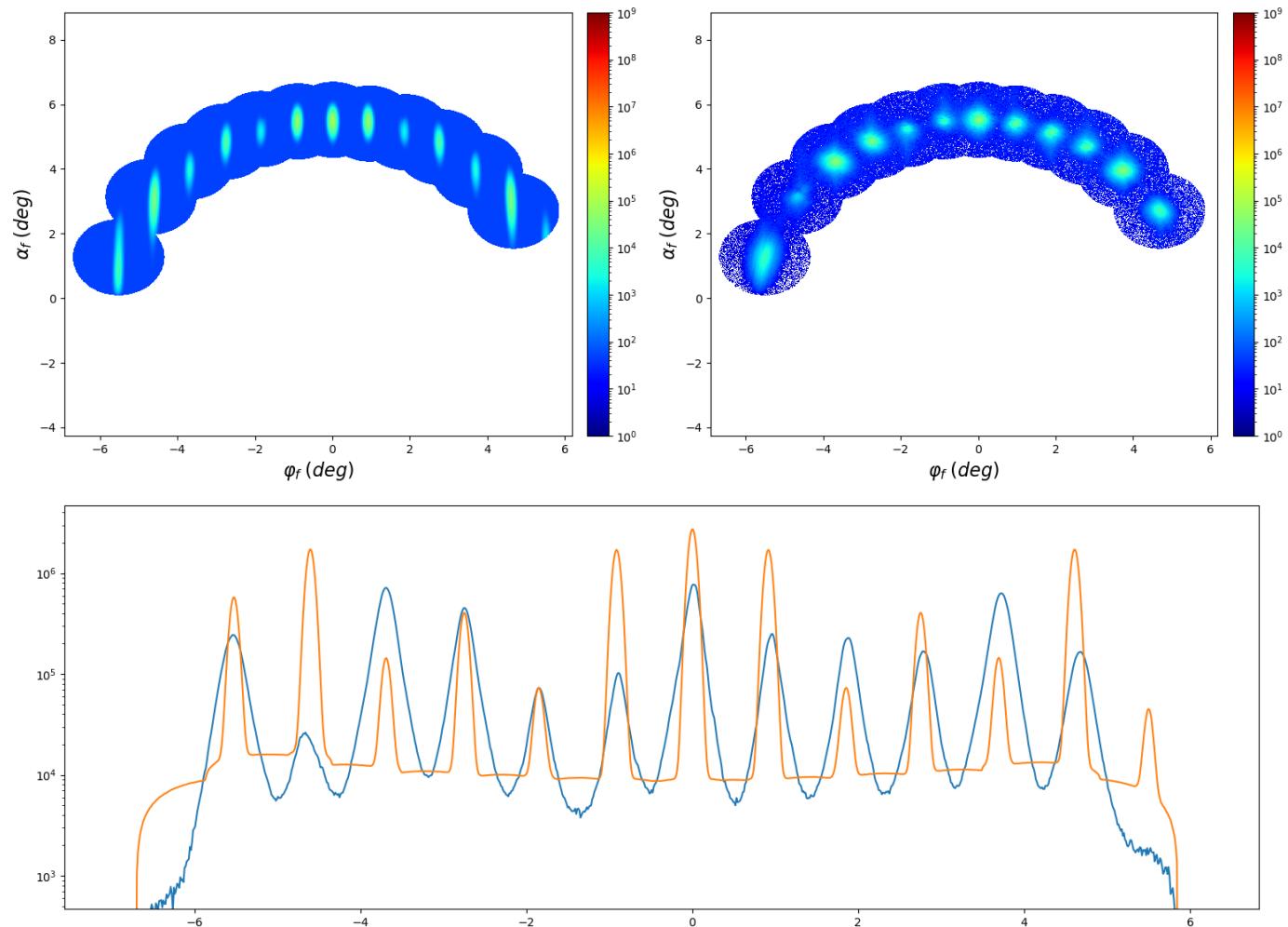
Experiment

```

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          10.51
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       182.0
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

```



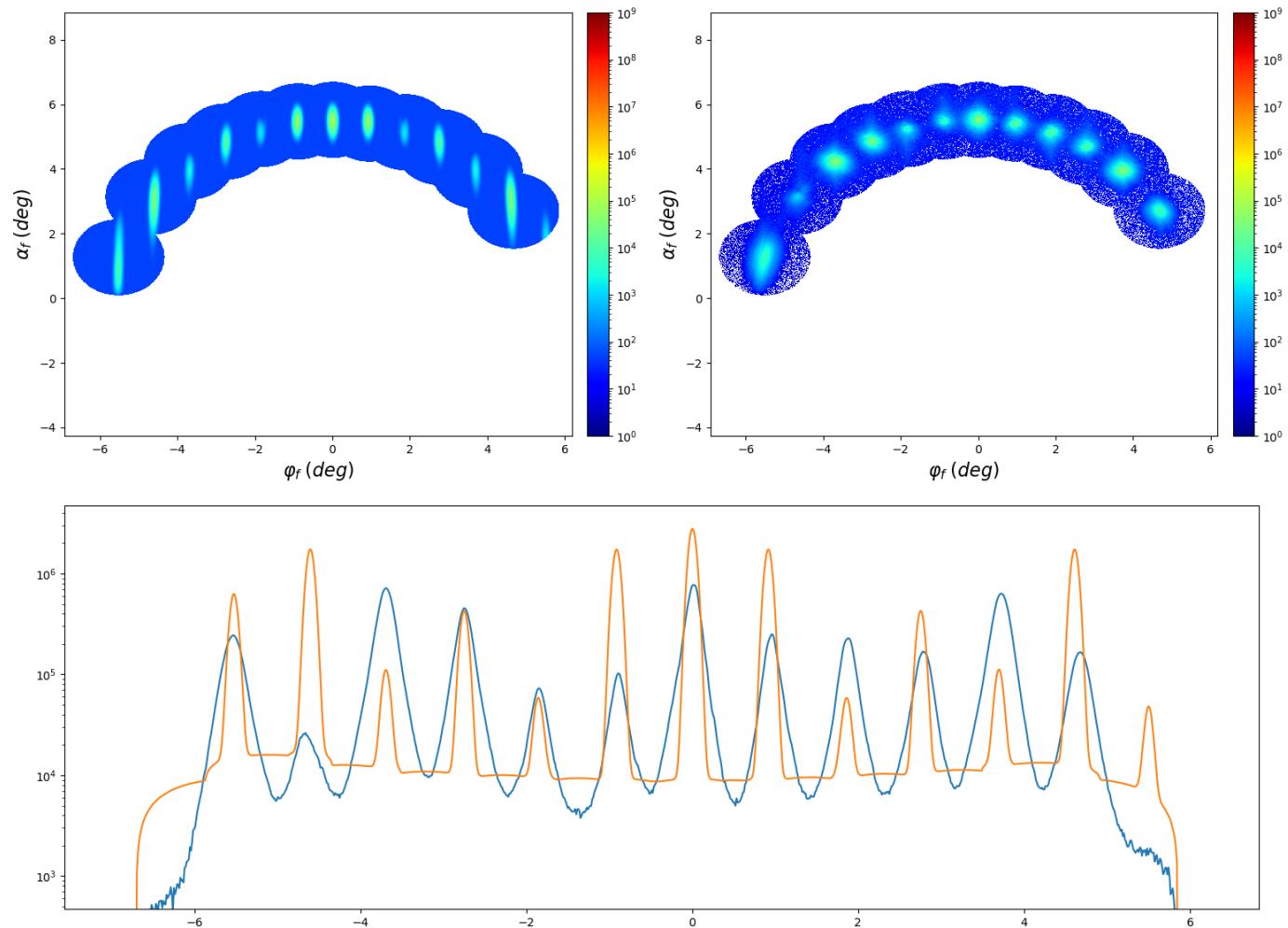
Experiment

```

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          10.47
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       184.0
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

```



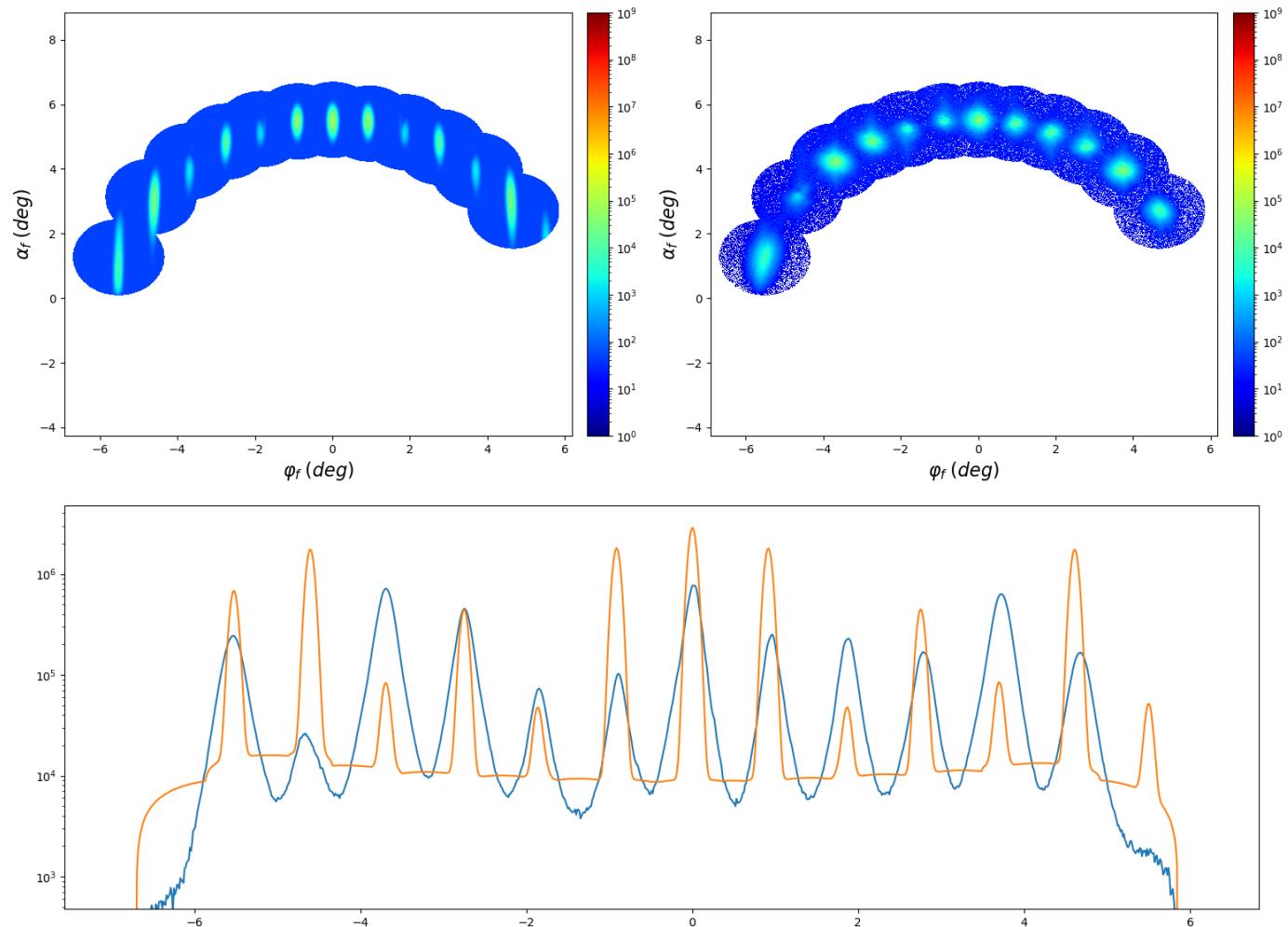
Experiment

```

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          10.51
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       186.0
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

```



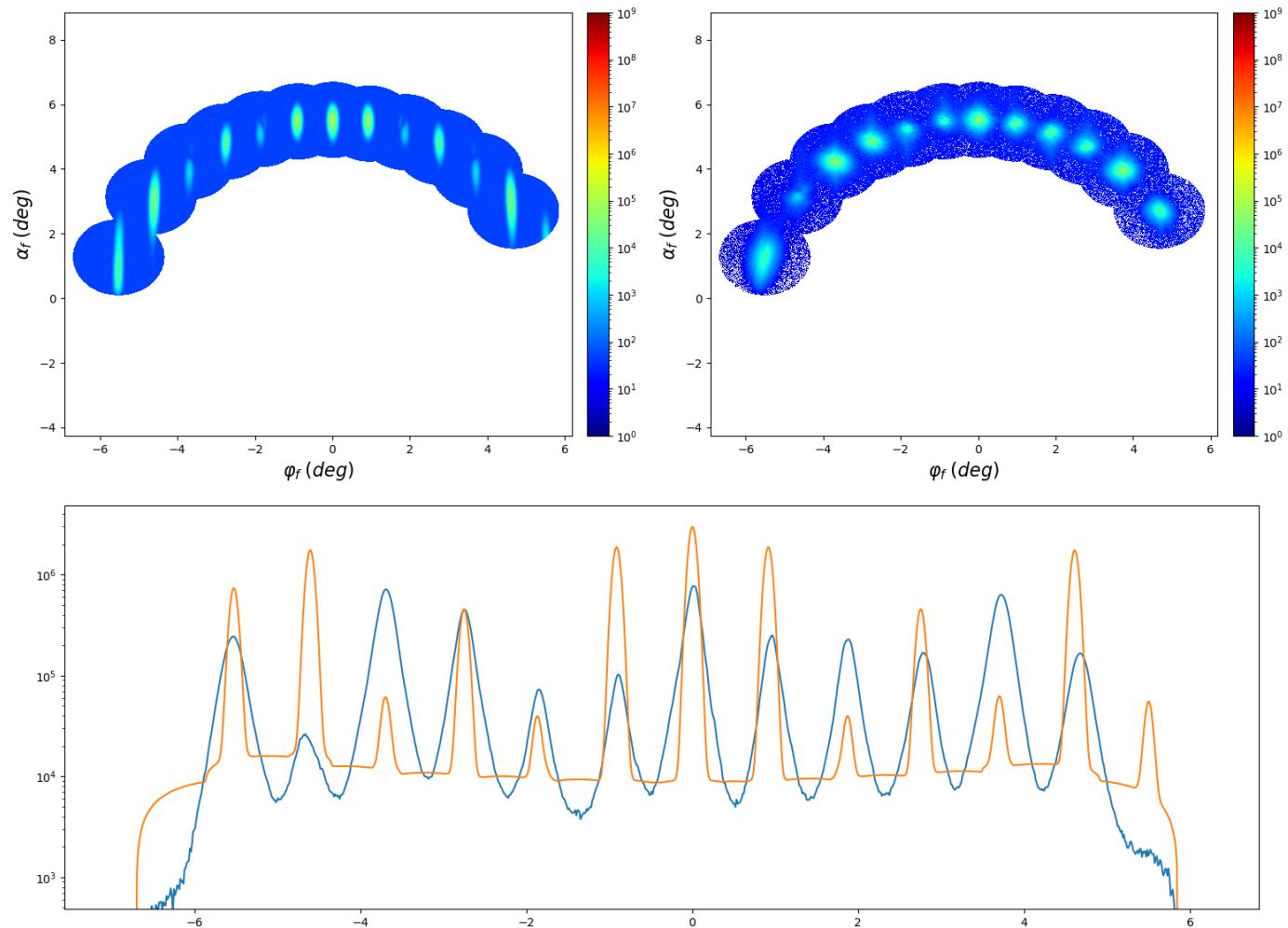
Experiment

```

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          10.72
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       188.0
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

```



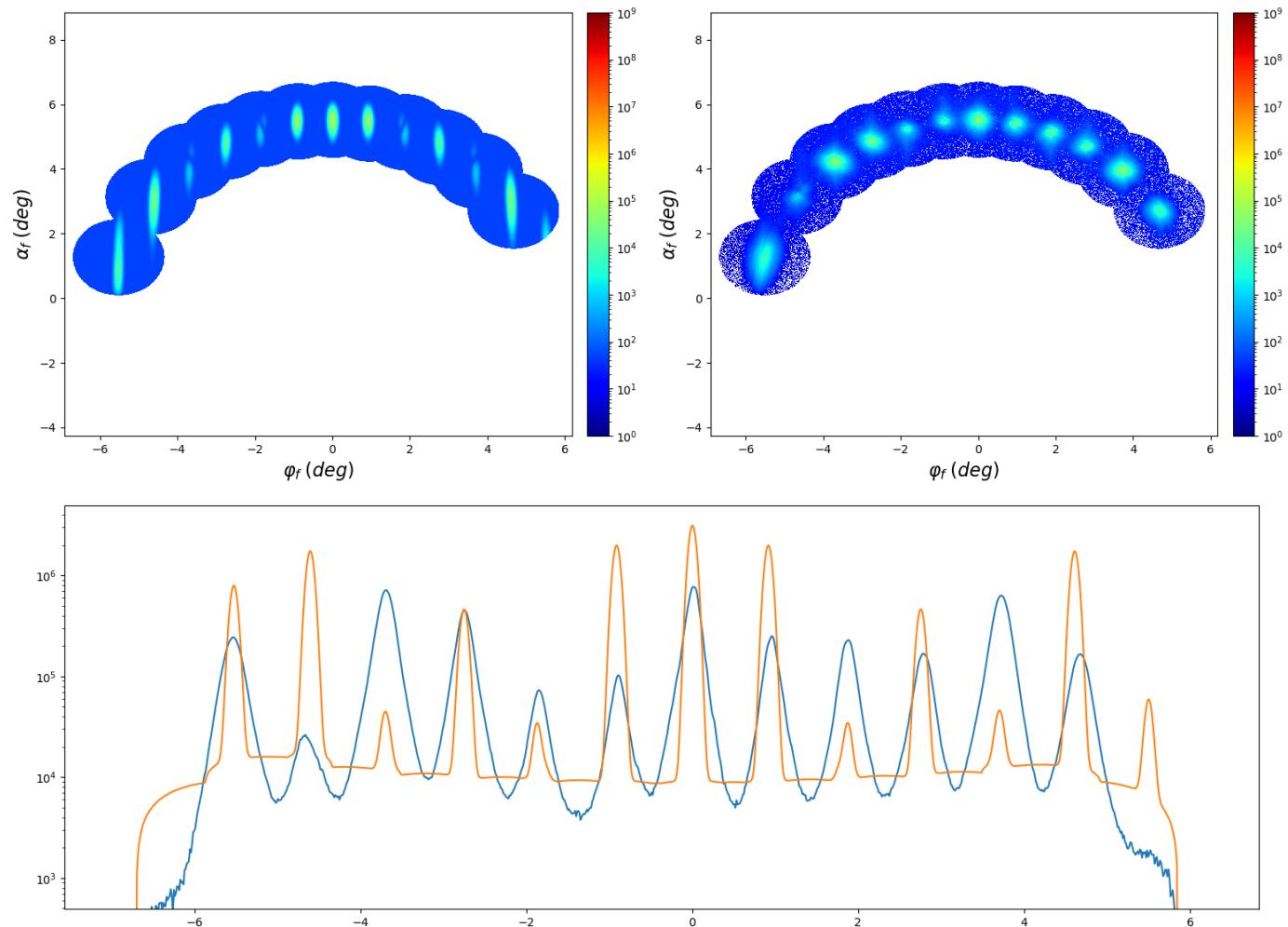
Experiment

```

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          10.64
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       190.0
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

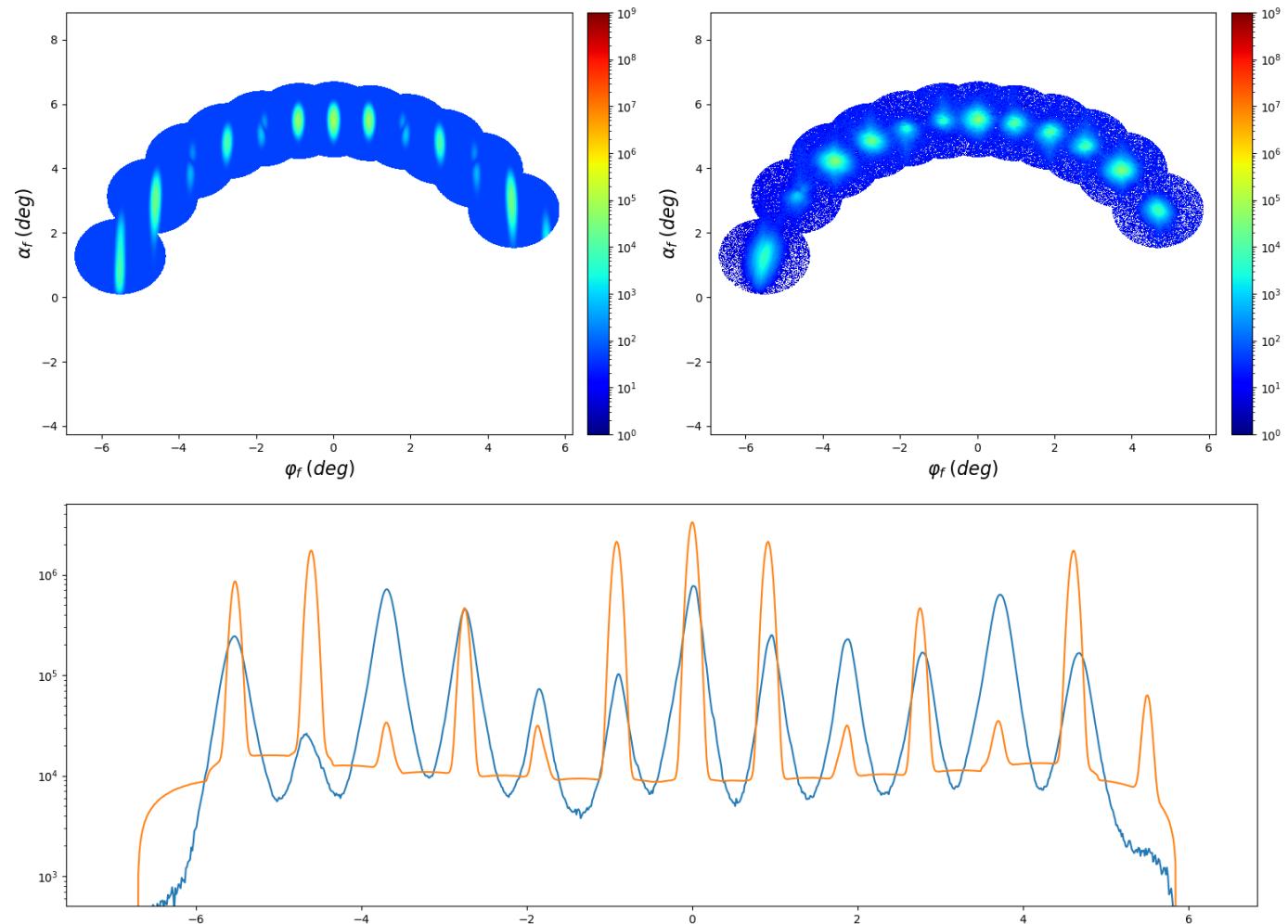
```



Experiment

```
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          10.44
m_wavelength           13.5200
```

```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      192.0
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
```



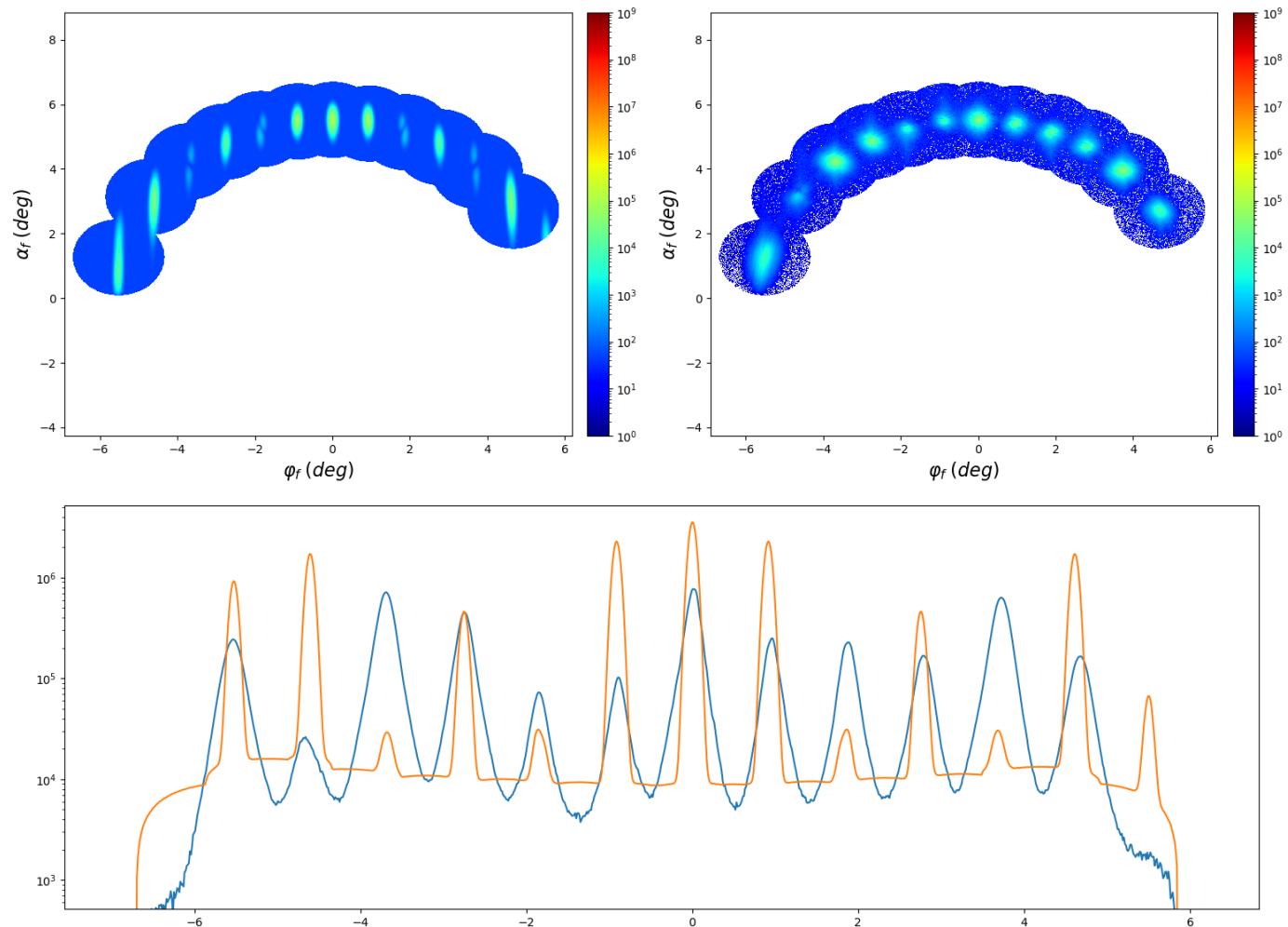
Experiment

```

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          10.58
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       194.0
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

```



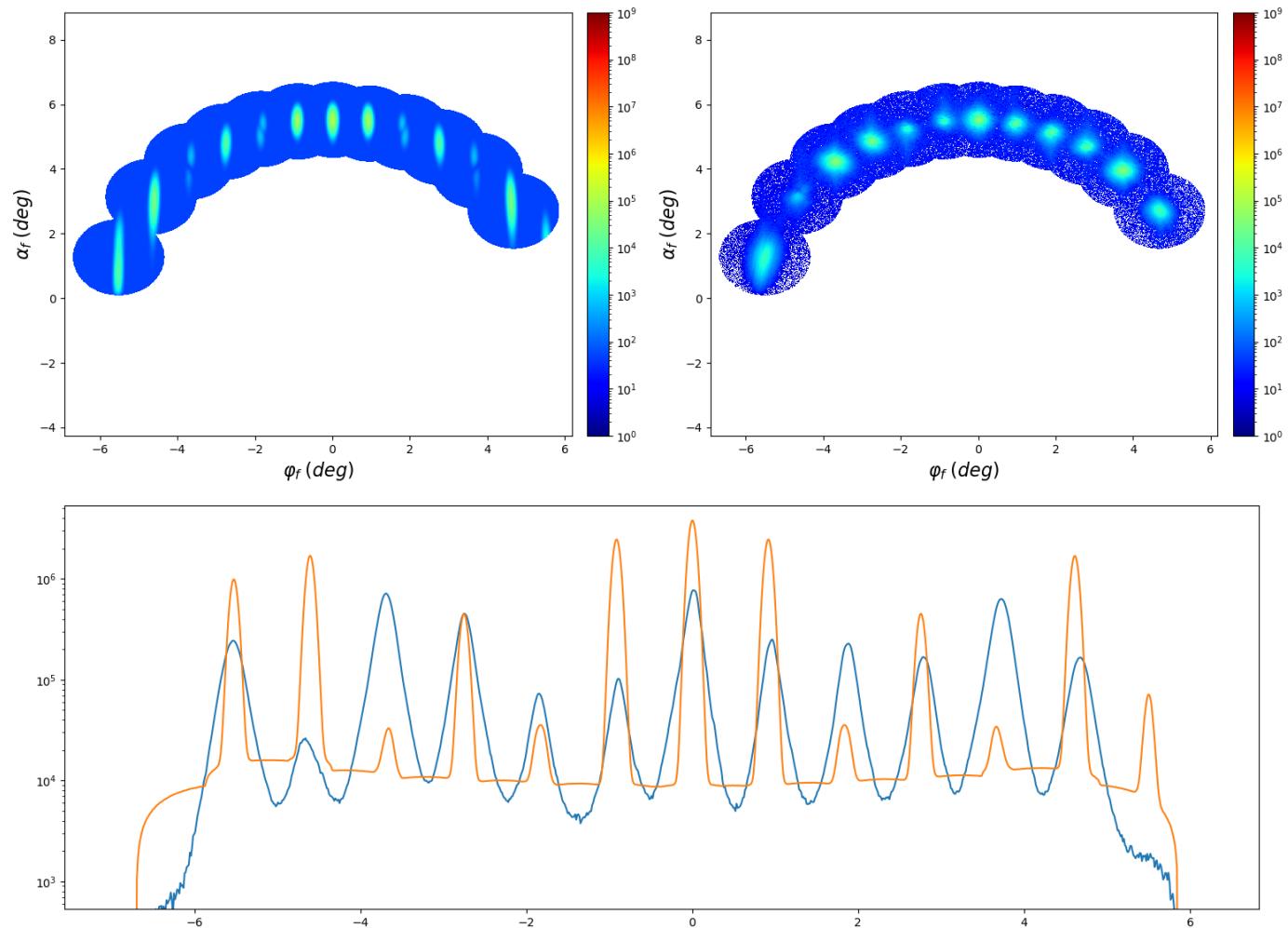
Experiment

```

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          10.68
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       196.0
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

```



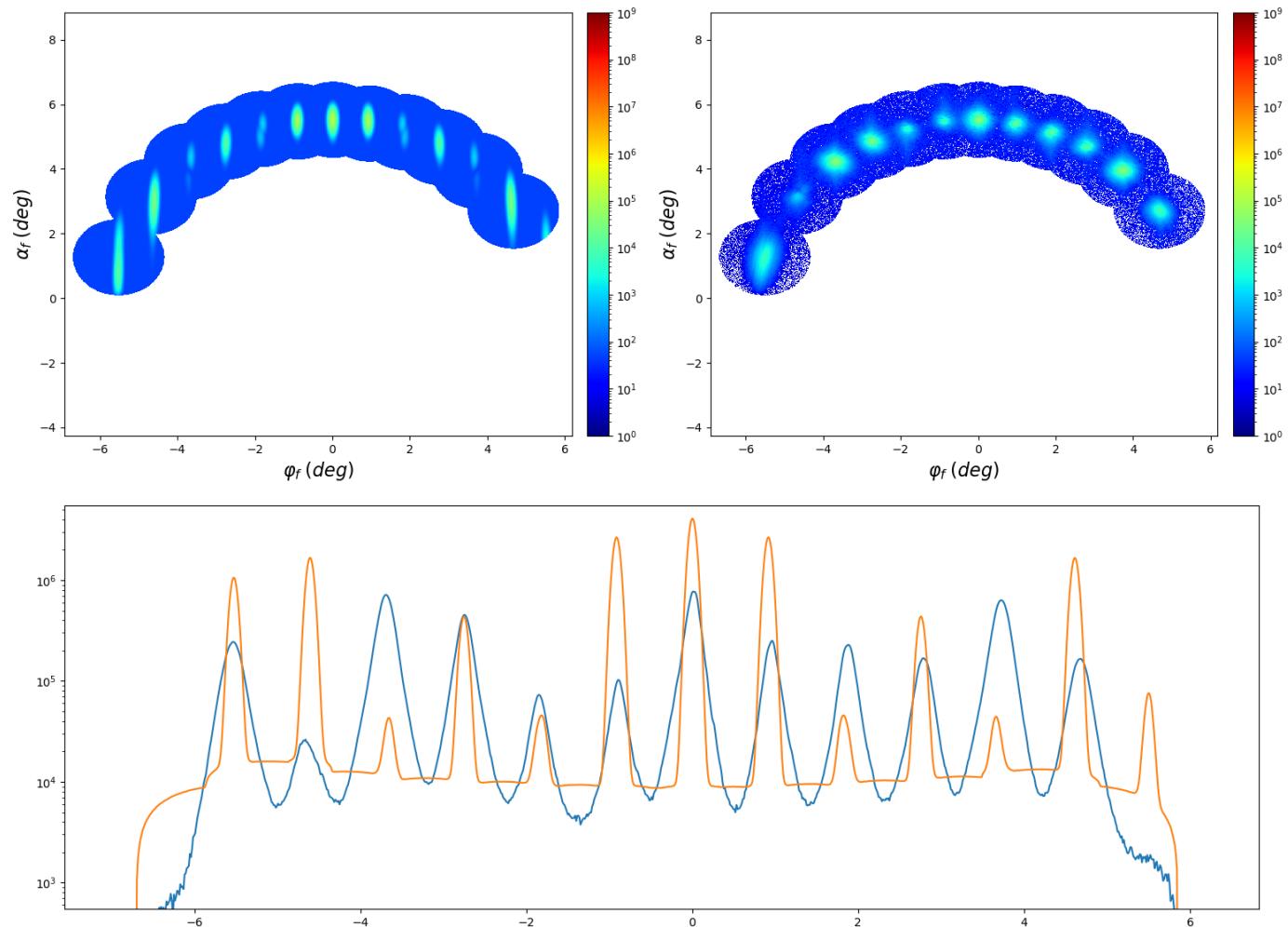
Experiment

```

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          10.57
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       198.0
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

```



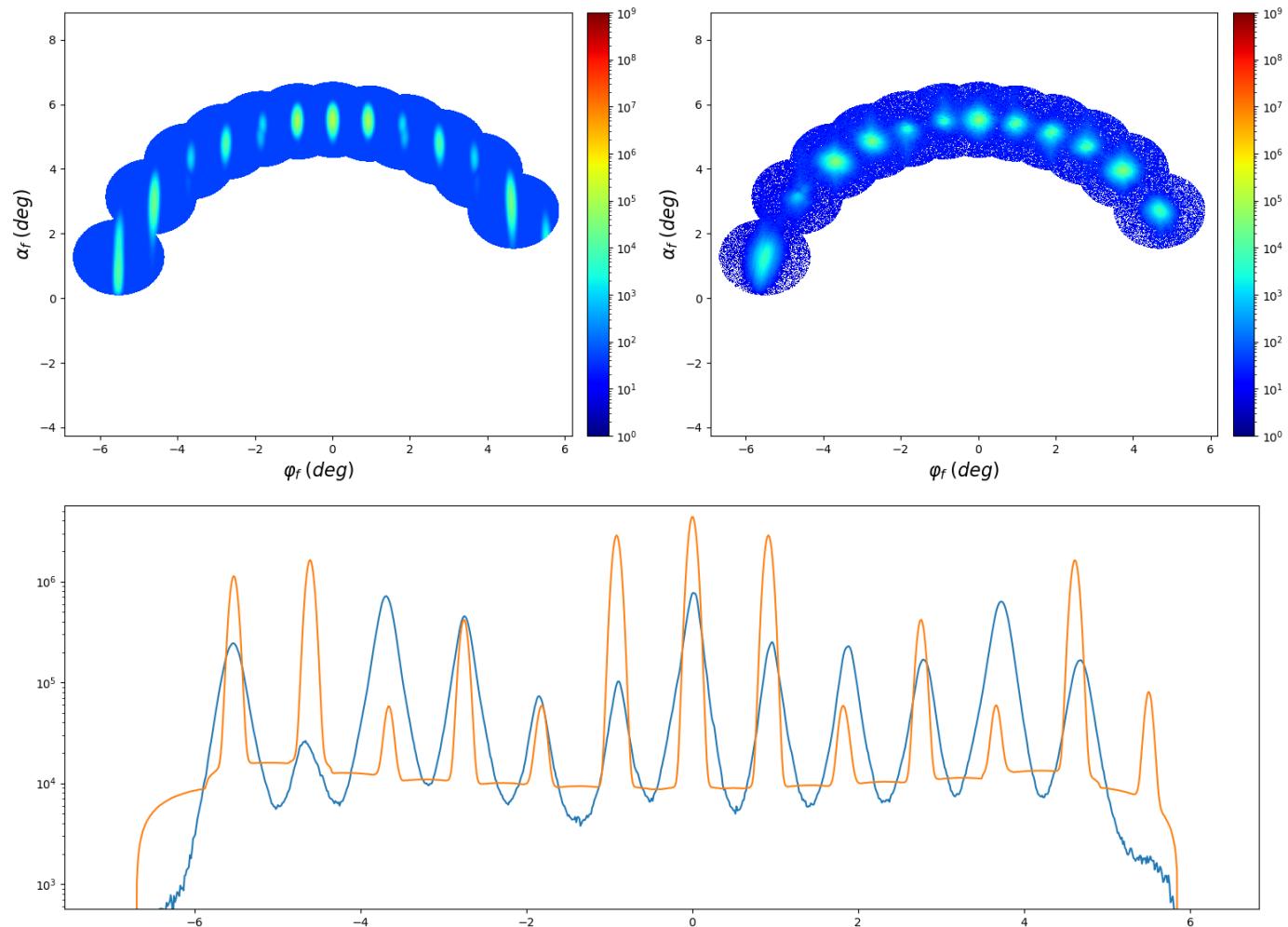
Experiment

```

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          10.54
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       200.0
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

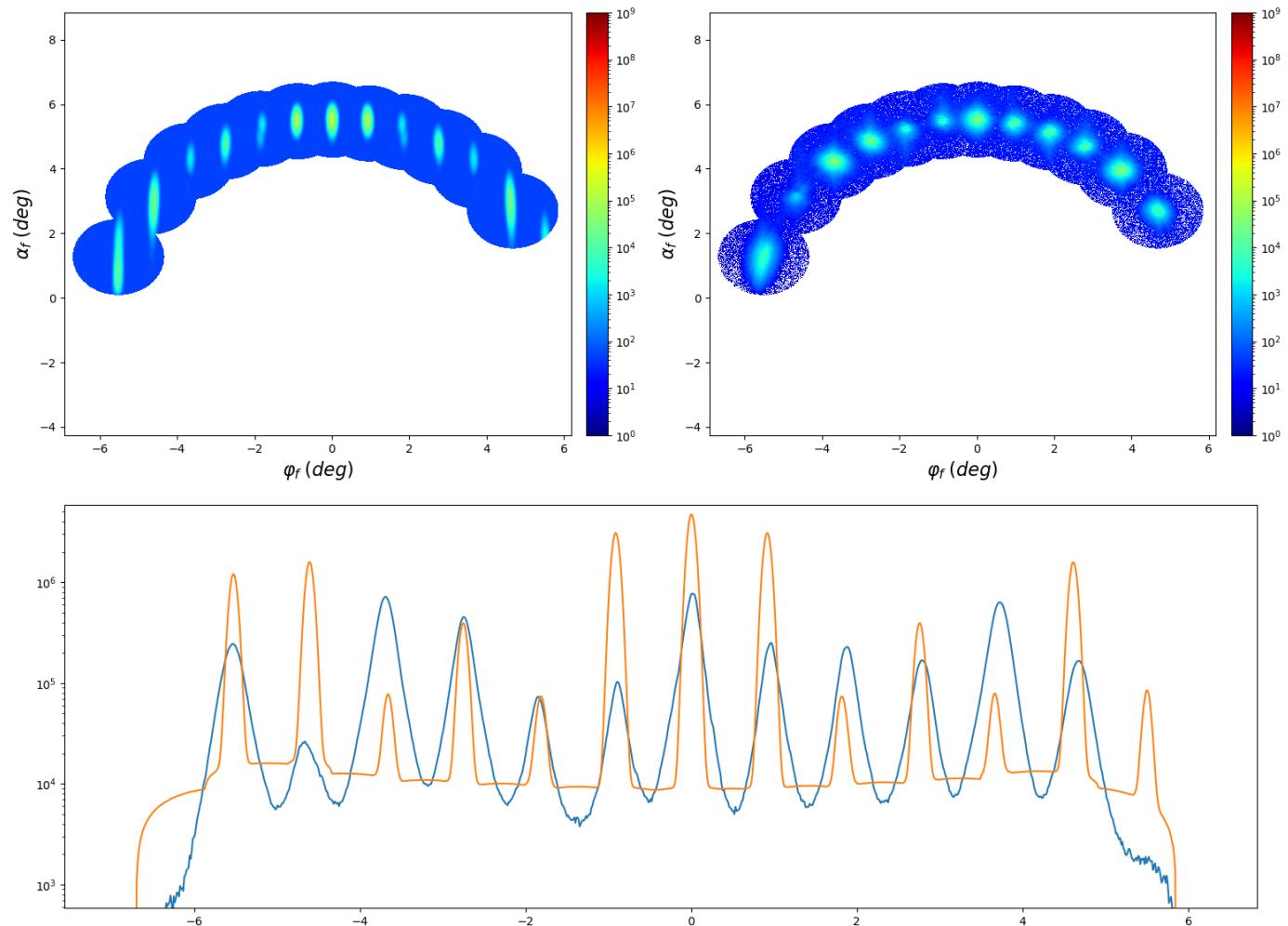
```



Experiment

```
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          10.49
m_wavelength           13.5200
```

```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      202.0
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
```



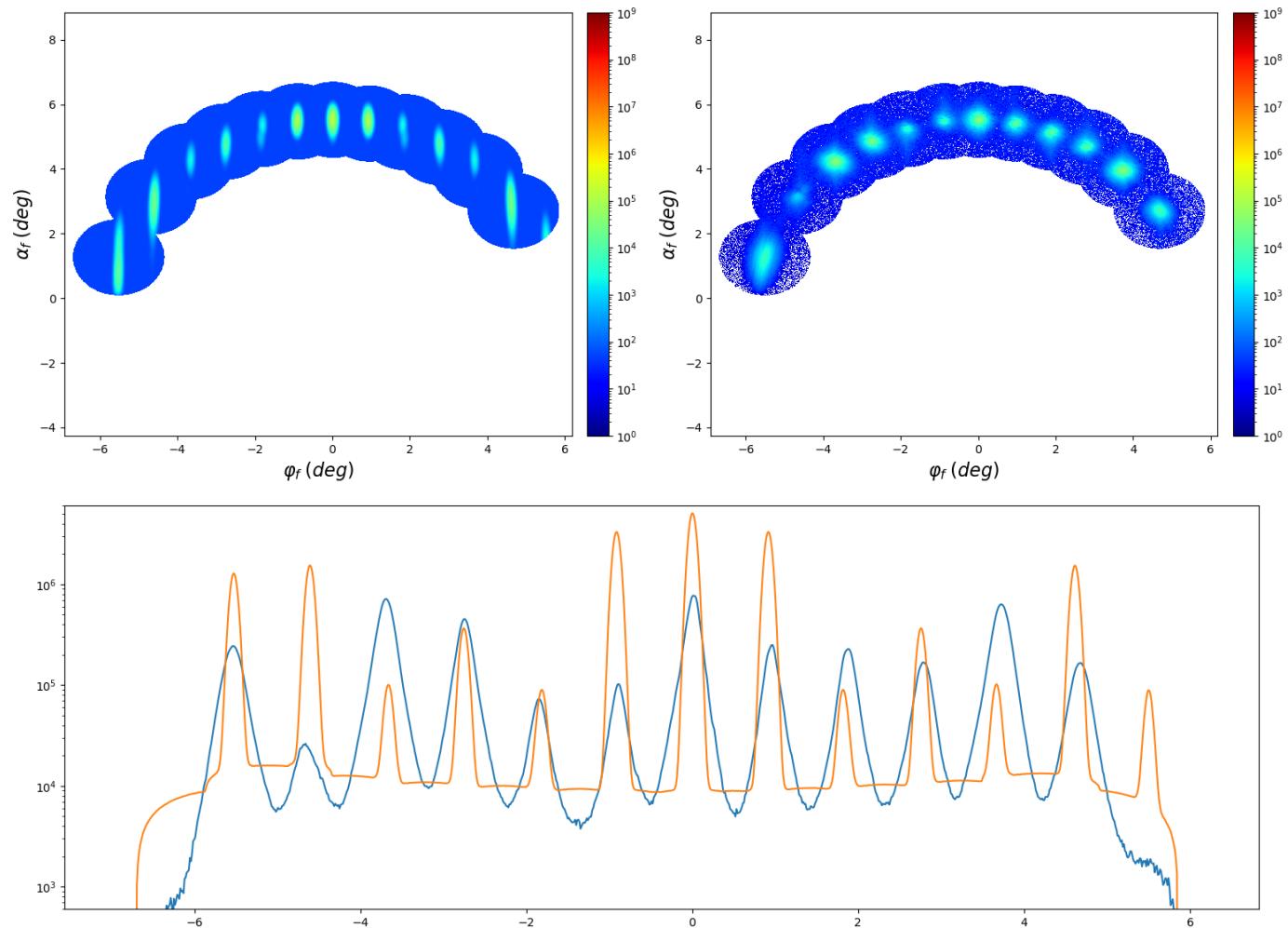
Experiment

```

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       204.0
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

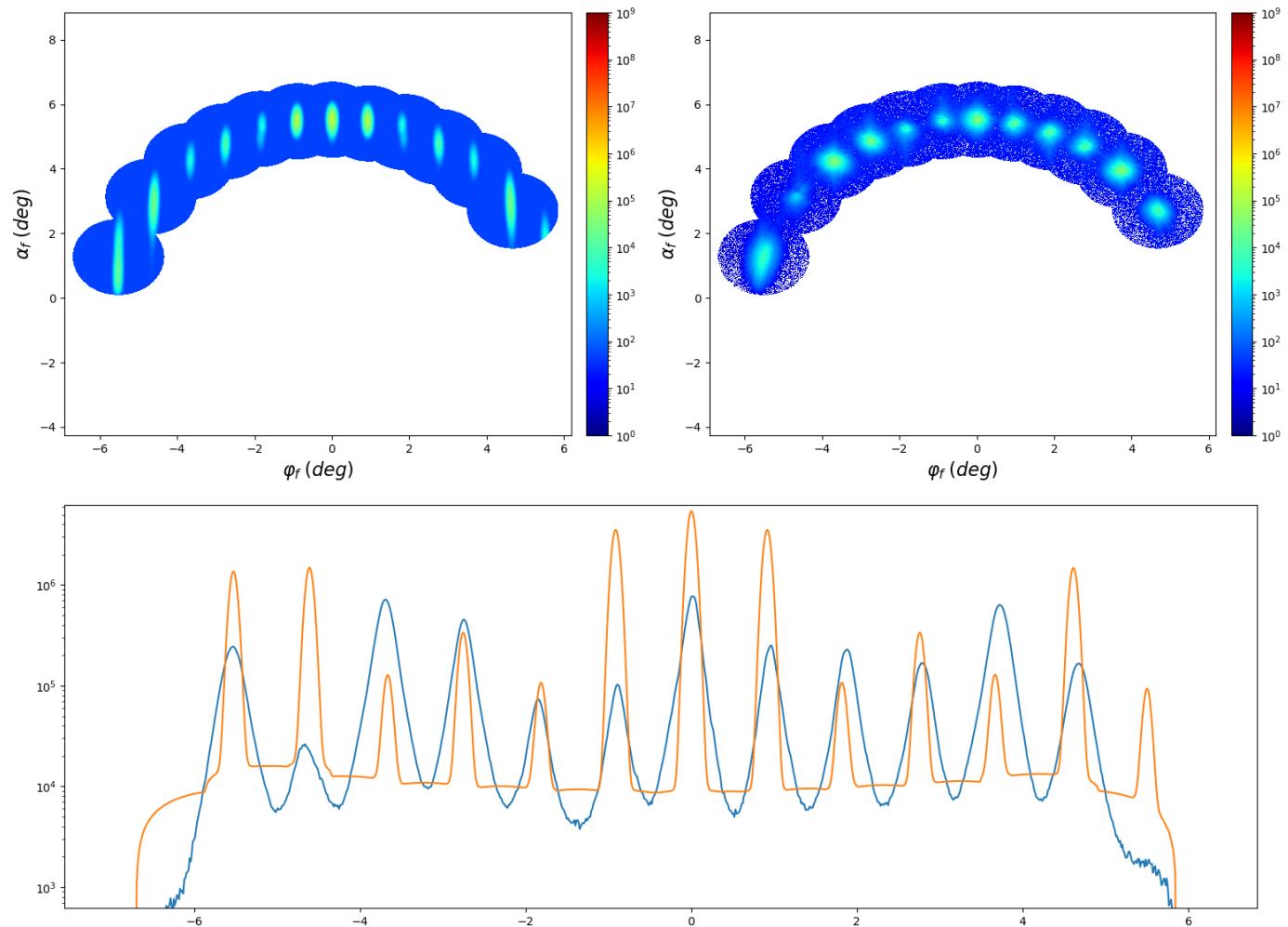
```



Experiment

```
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
```

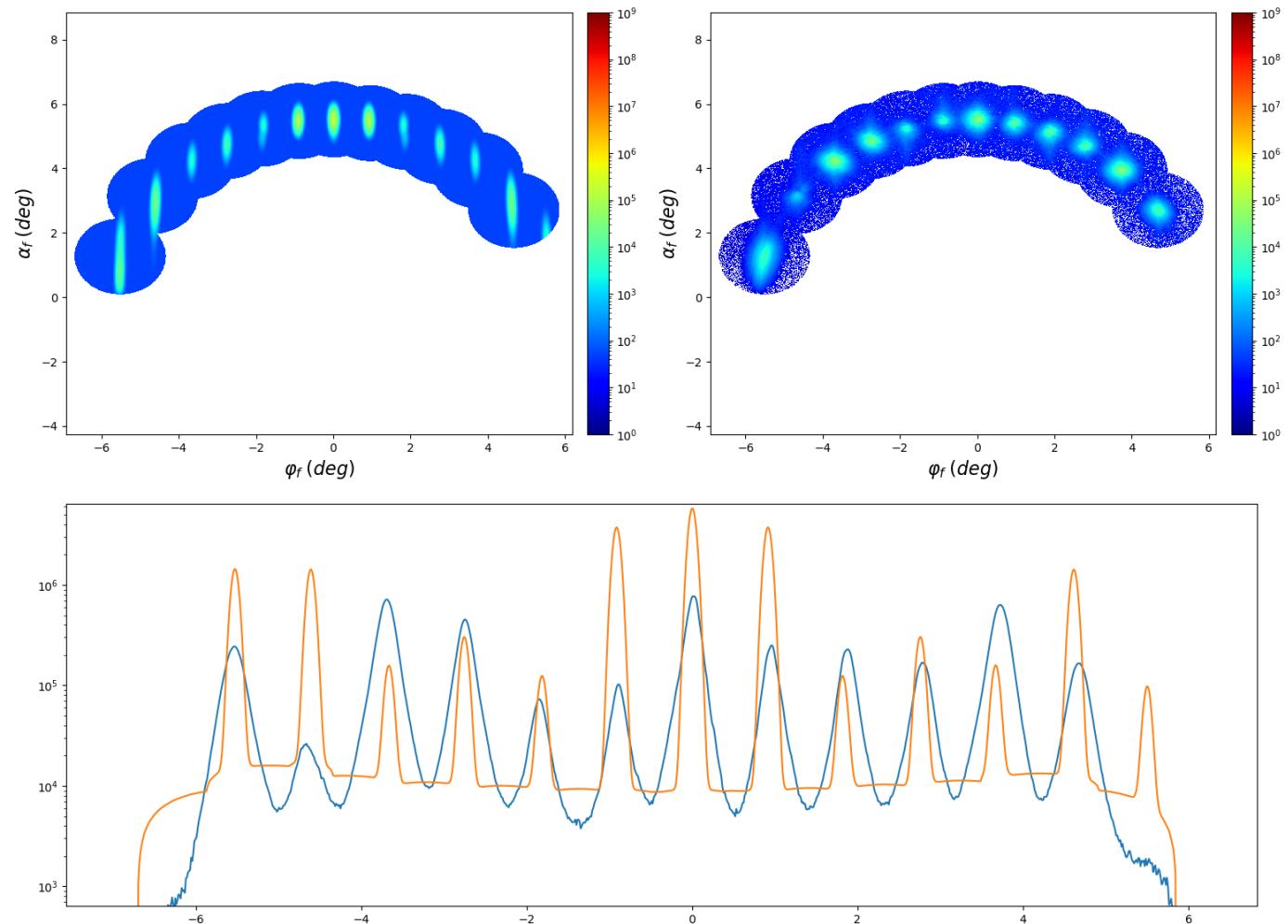
```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      206.0
m_grating_length       5000
m_grating_period       833
m_grating_width        833
m_rotation_angle       0.0
m_rough_corr           10.0
m_rough_hurst          0.5
m_rough_sigma           5.0
m_surface_density       0.02
```



Experiment

```
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          10.53
m_wavelength           13.5200
```

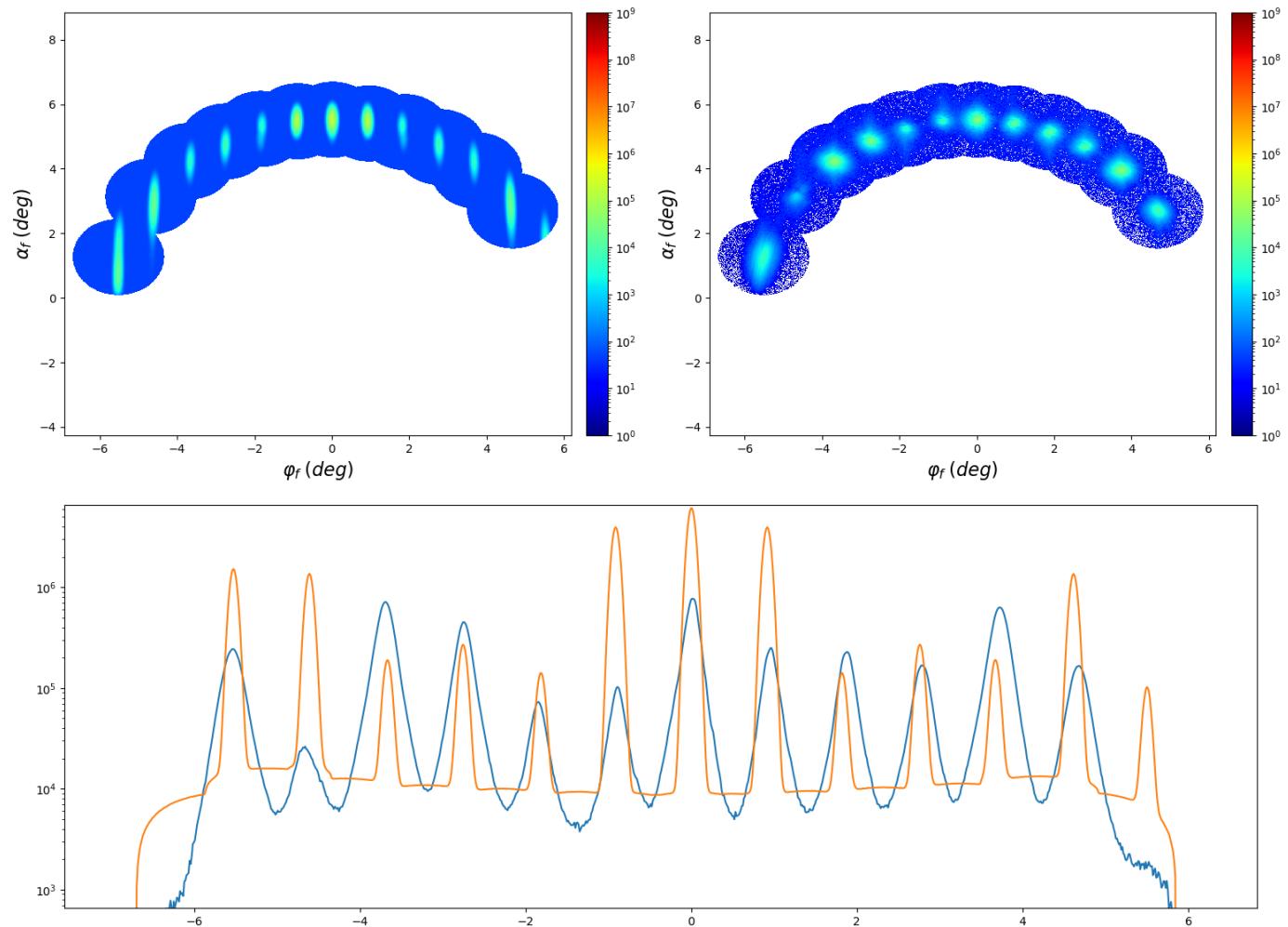
```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      208.0
m_grating_length       5000
m_grating_period       833
m_grating_width        833
m_rotation_angle       0.0
m_rough_corr           10.0
m_rough_hurst          0.5
m_rough_sigma           5.0
m_surface_density       0.02
```



Experiment

```
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          10.59
m_wavelength           13.5200
```

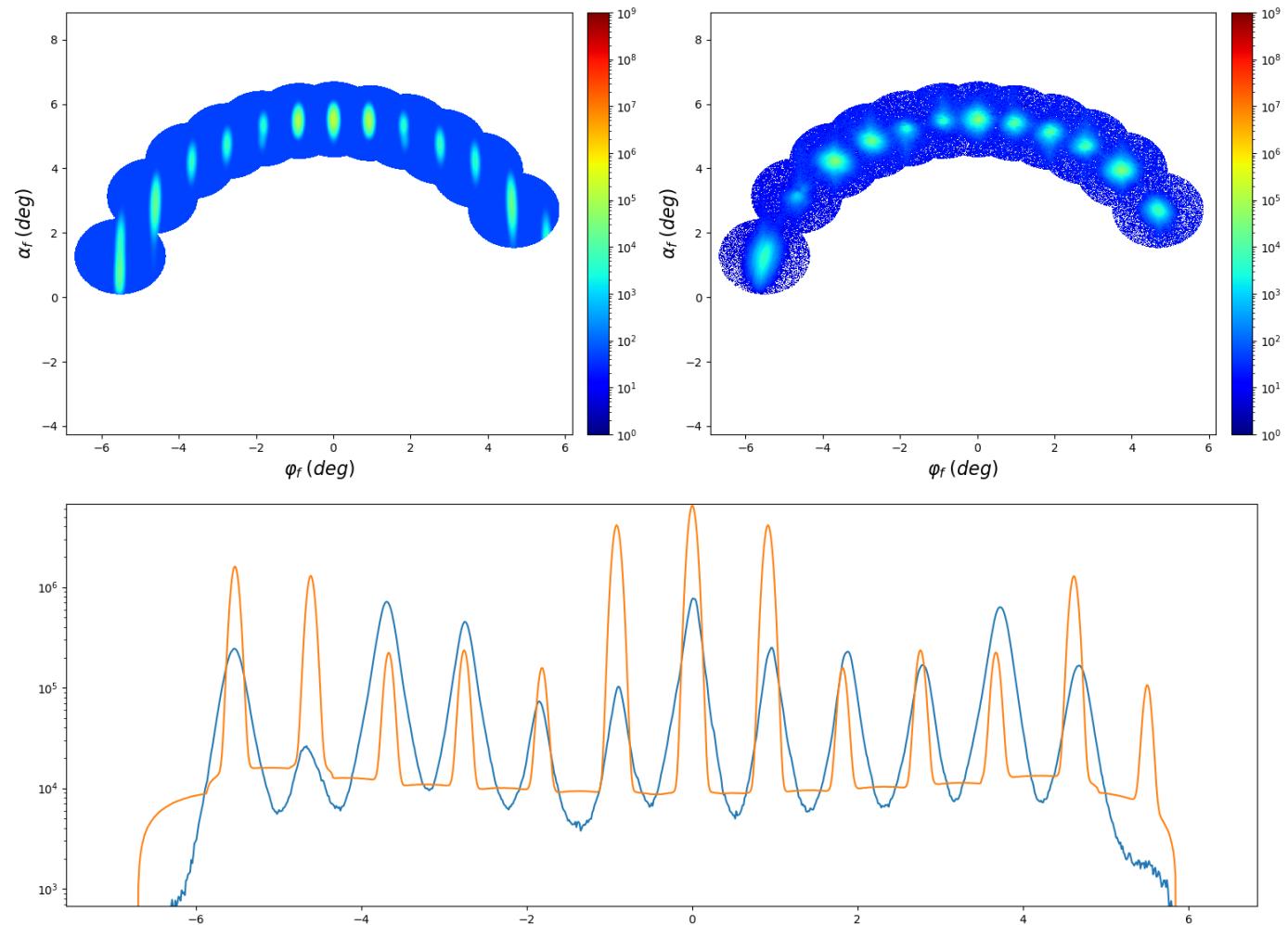
```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      210.0
m_grating_length       5000
m_grating_period       833
m_grating_width        833
m_rotation_angle       0.0
m_rough_corr           10.0
m_rough_hurst          0.5
m_rough_sigma           5.0
m_surface_density       0.02
```



Experiment

```
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
```

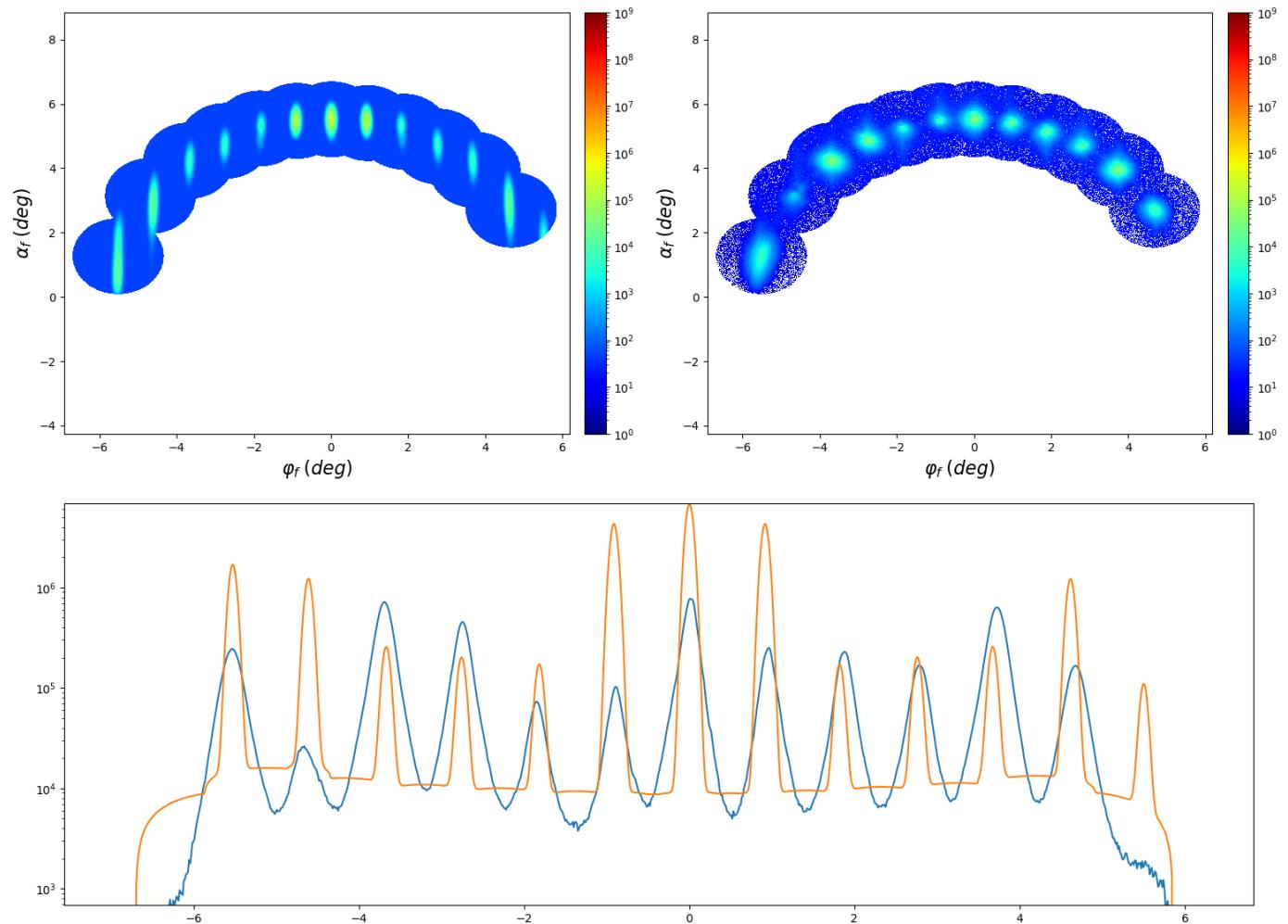
```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      212.0
m_grating_length       5000
m_grating_period       833
m_grating_width        833
m_rotation_angle       0.0
m_rough_corr           10.0
m_rough_hurst          0.5
m_rough_sigma           5.0
m_surface_density       0.02
```



Experiment

```
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          10.44
m_wavelength           13.5200
```

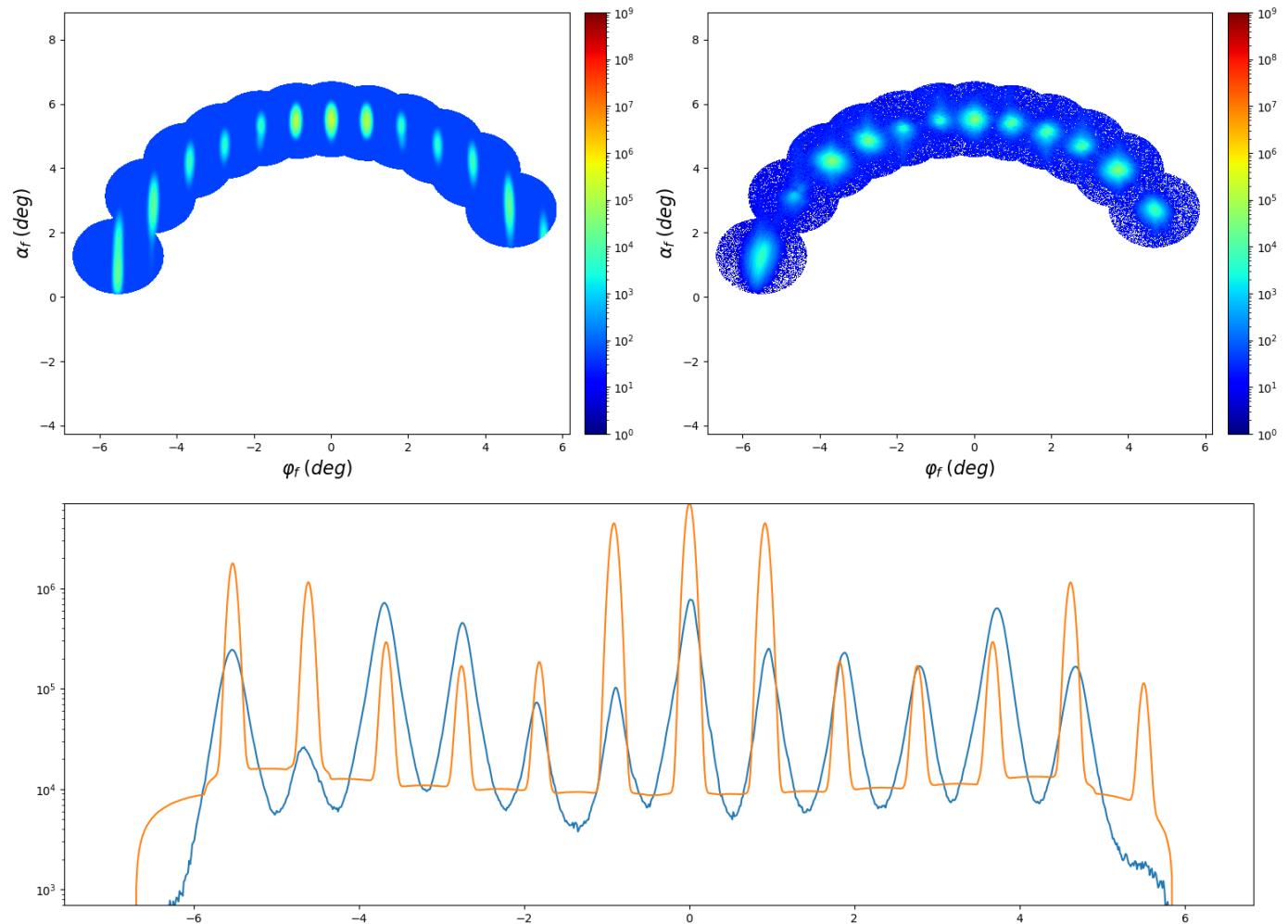
```
SimpleSinusGrating
m_decay_length         2500
m_grating_height       214.0
m_grating_length        5000
m_grating_period        833
m_grating_width         833
m_rotation_angle        0.0
m_rough_corr            10.0
m_rough_hurst            0.5
m_rough_sigma             5.0
m_surface_density        0.02
```



Experiment

```
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          10.53
m_wavelength           13.5200
```

```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      216.0
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
```



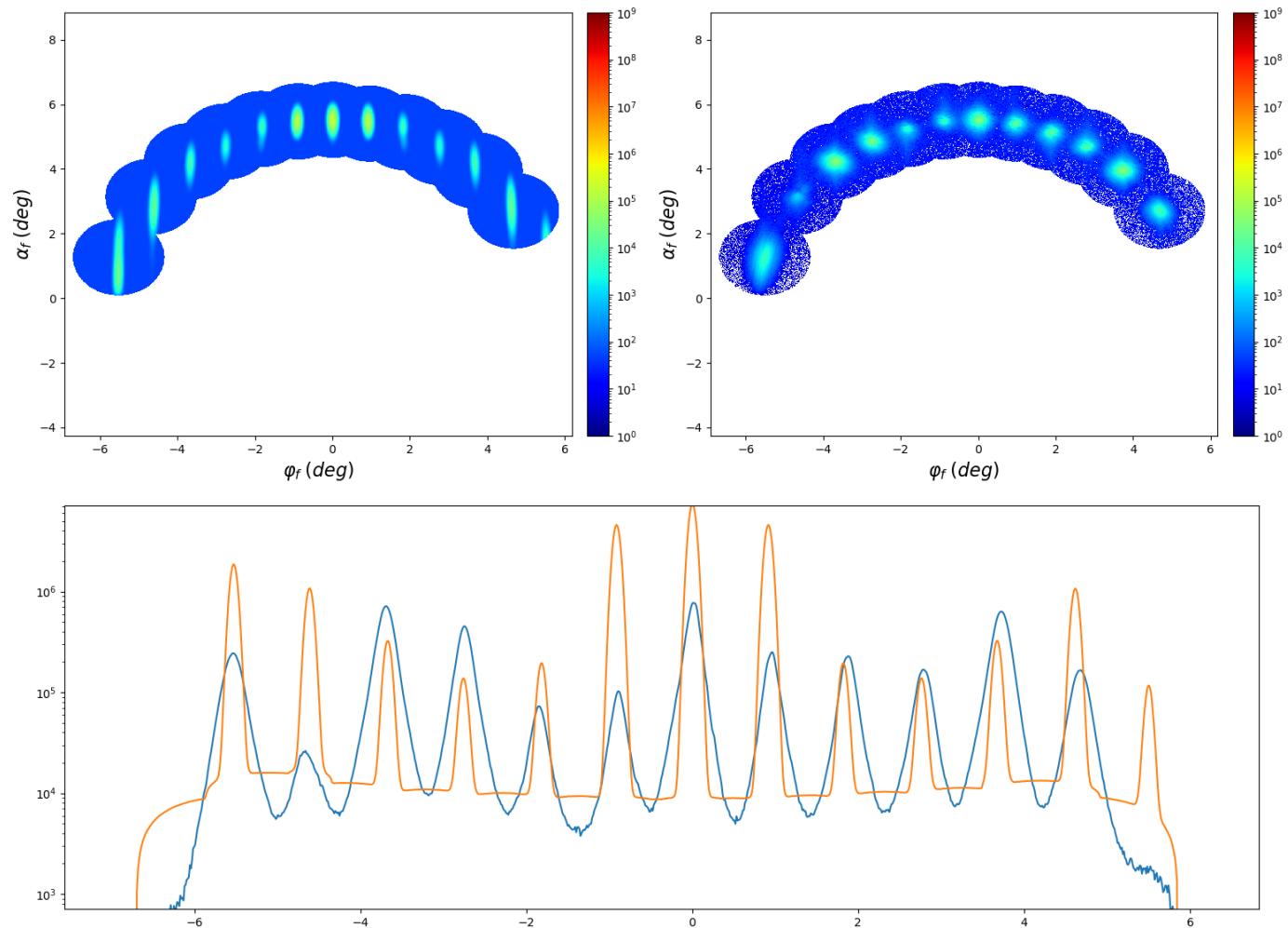
Experiment

```

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          10.53
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       218.0
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

```



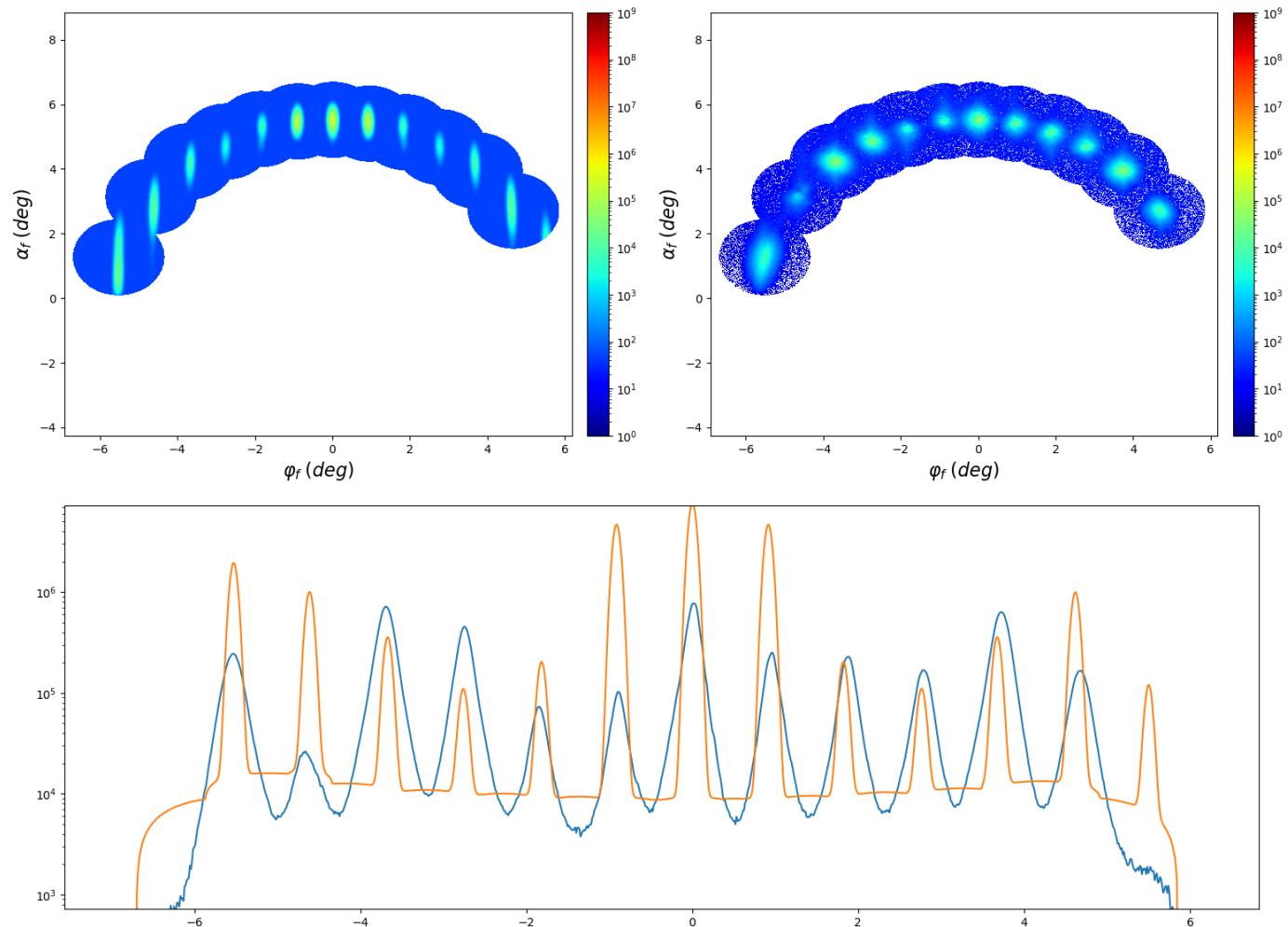
Experiment

```

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          10.54
m_wavelength           13.5200

SimpleSinusGrating
m_decay_length         2500
m_grating_height       220.0
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

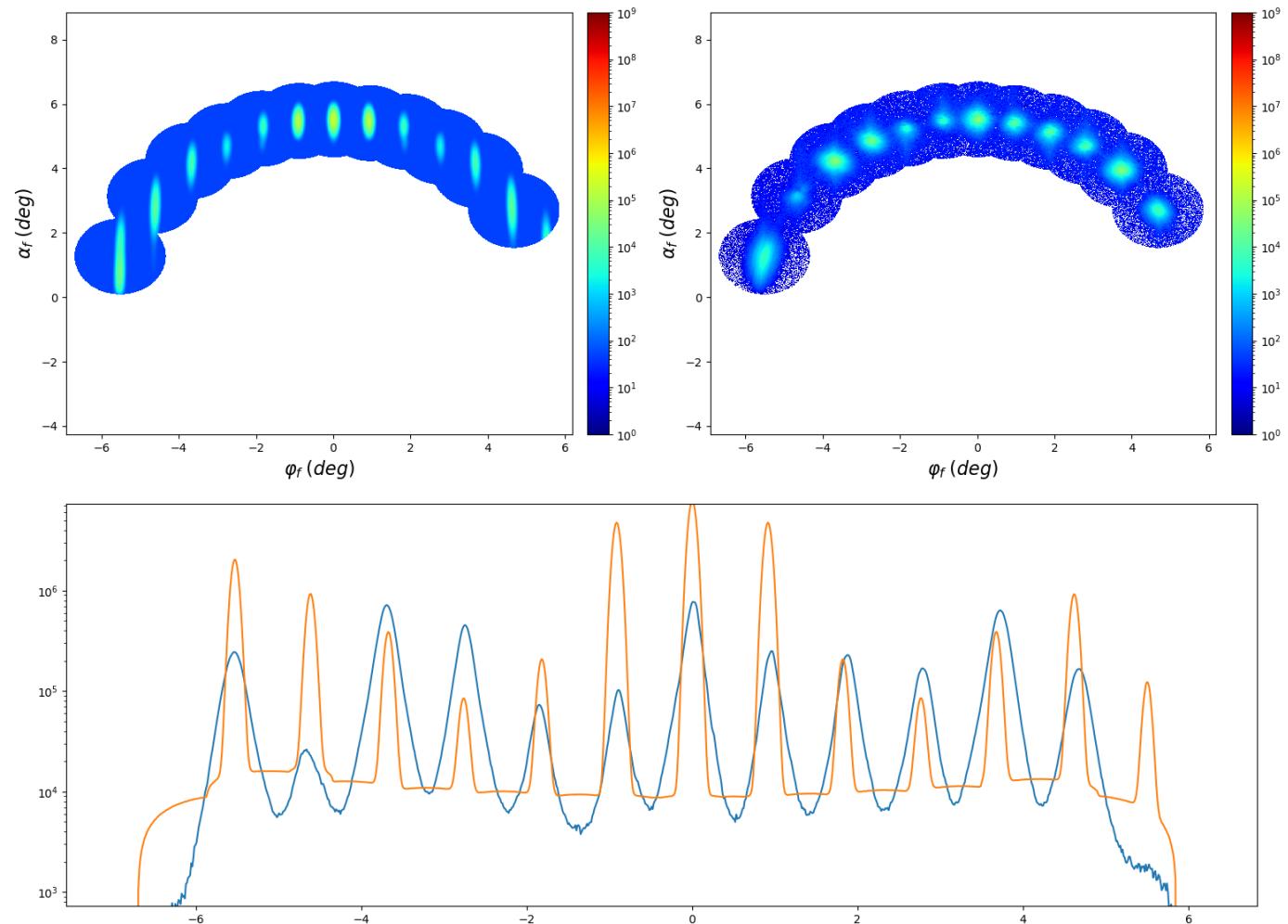
```



Experiment

```
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          10.57
m_wavelength           13.5200
```

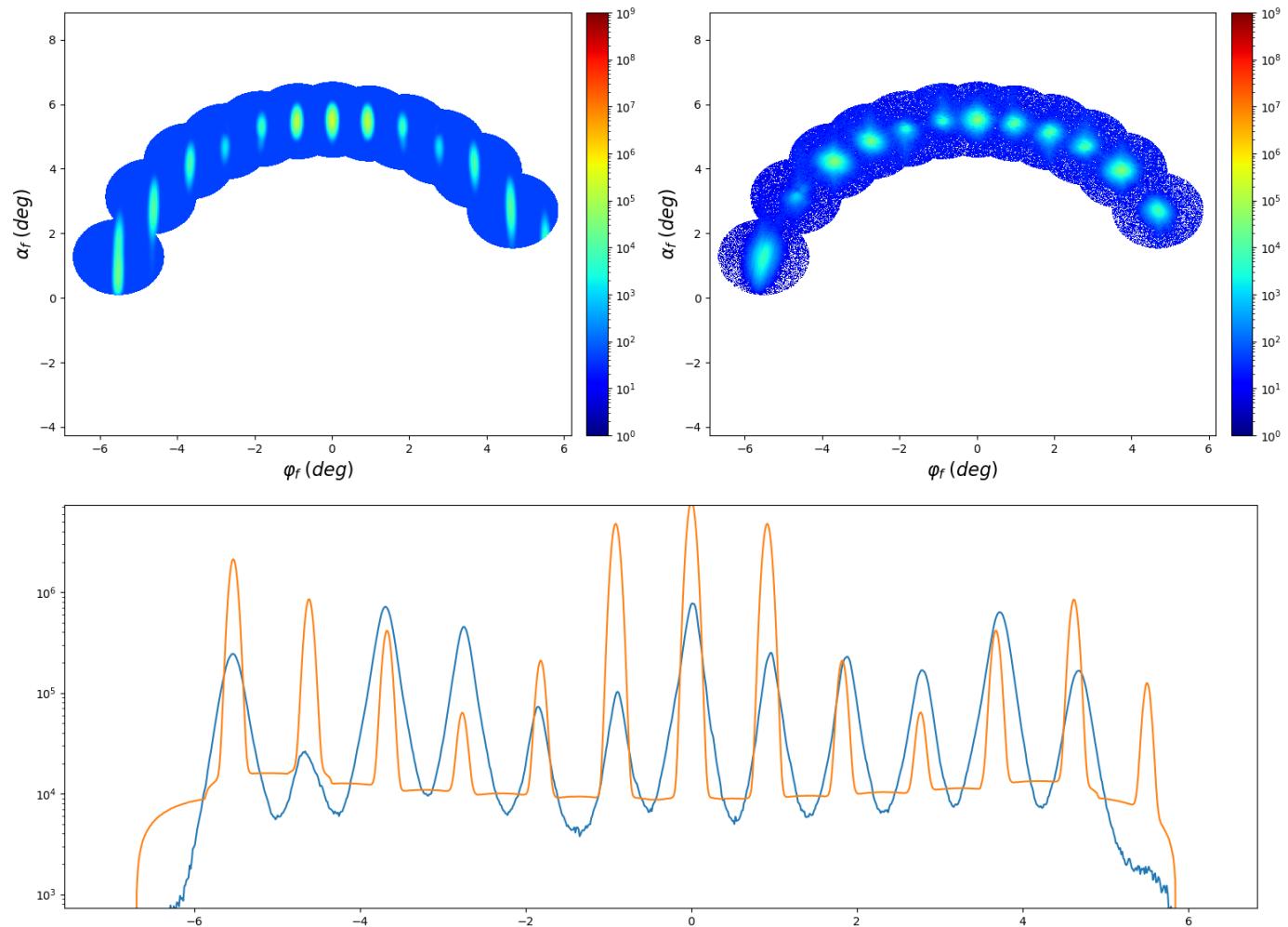
```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      222.0
m_grating_length       5000
m_grating_period       833
m_grating_width        833
m_rotation_angle       0.0
m_rough_corr           10.0
m_rough_hurst          0.5
m_rough_sigma           5.0
m_surface_density       0.02
```



Experiment

```
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          10.56
m_wavelength           13.5200
```

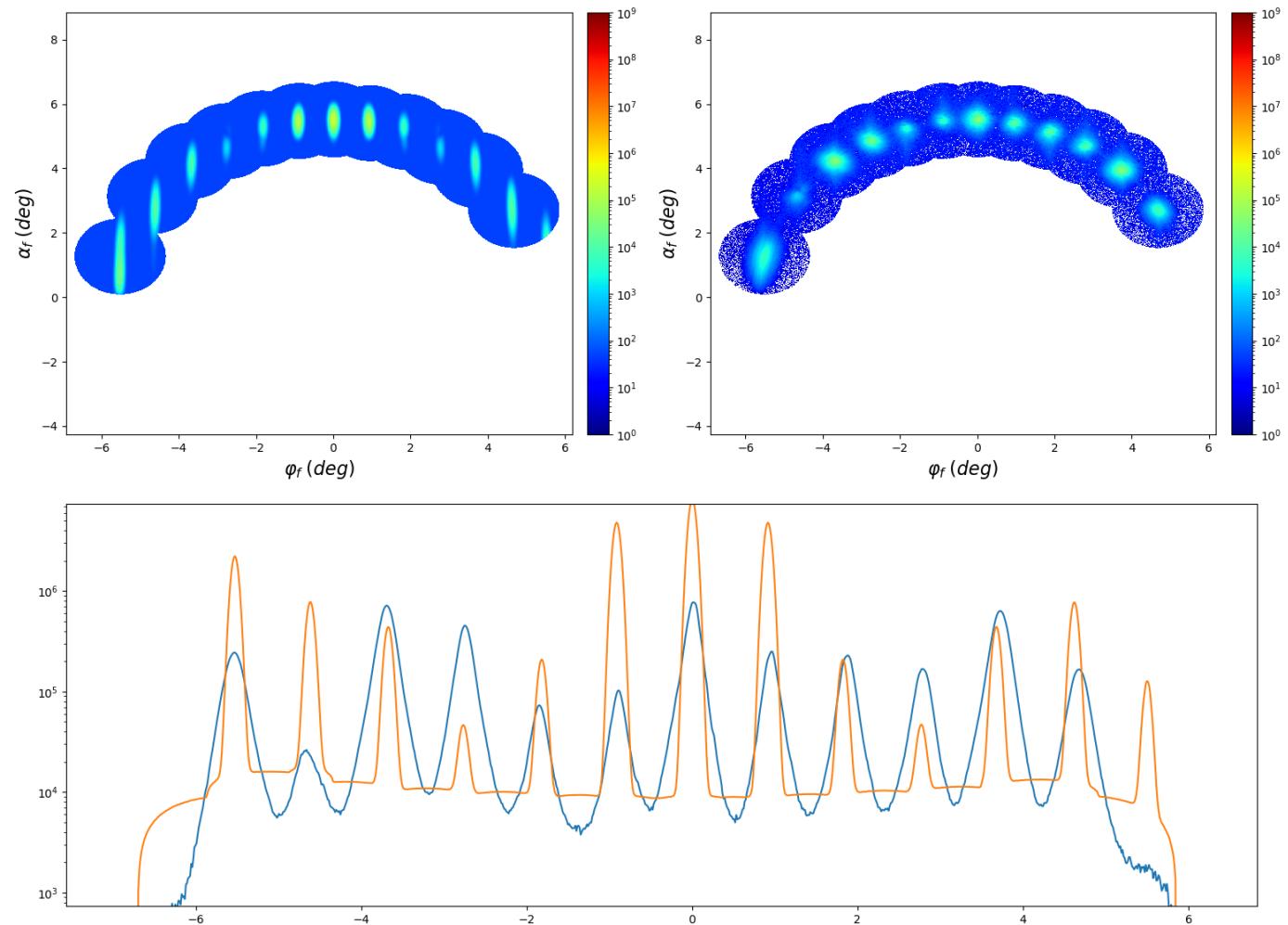
```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      224.0
m_grating_length       5000
m_grating_period       833
m_grating_width        833
m_rotation_angle       0.0
m_rough_corr           10.0
m_rough_hurst          0.5
m_rough_sigma           5.0
m_surface_density       0.02
```



Experiment

```
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          10.99
m_wavelength           13.5200
```

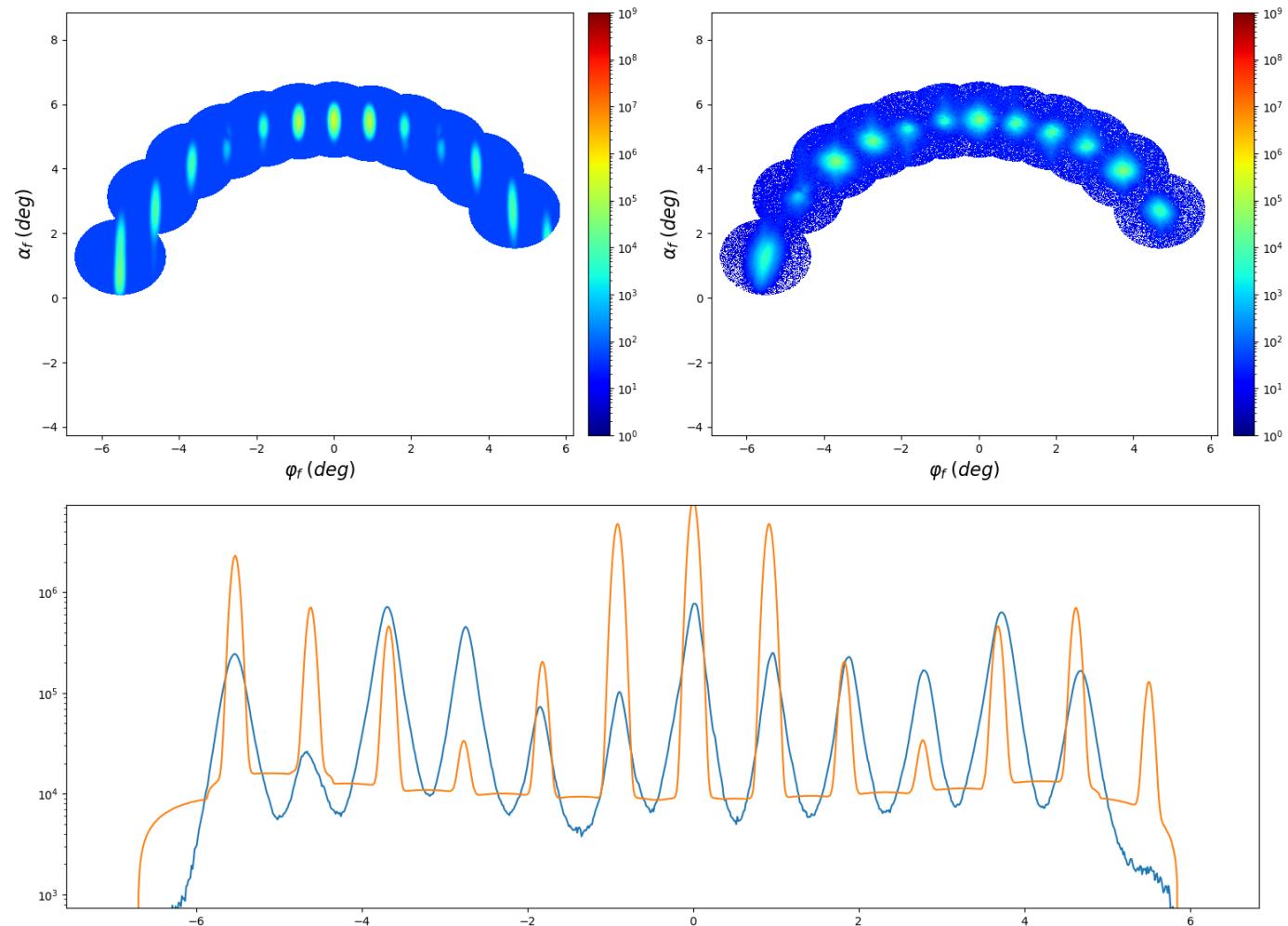
```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      226.0
m_grating_length       5000
m_grating_period       833
m_grating_width        833
m_rotation_angle       0.0
m_rough_corr           10.0
m_rough_hurst          0.5
m_rough_sigma           5.0
m_surface_density       0.02
```



Experiment

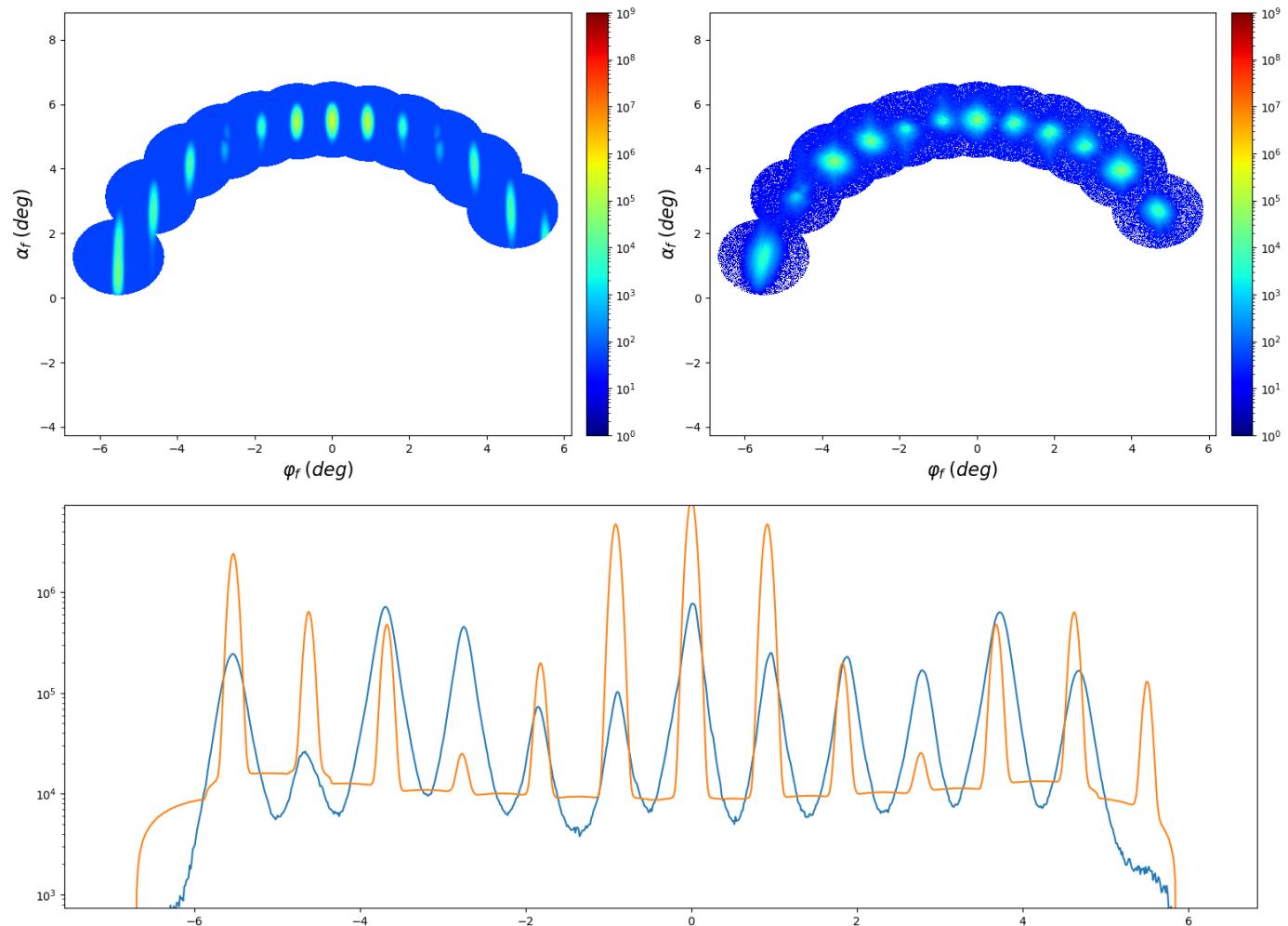
```
SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.75
m_wavelength           13.5200
```

```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      228.0
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
```



Experiment

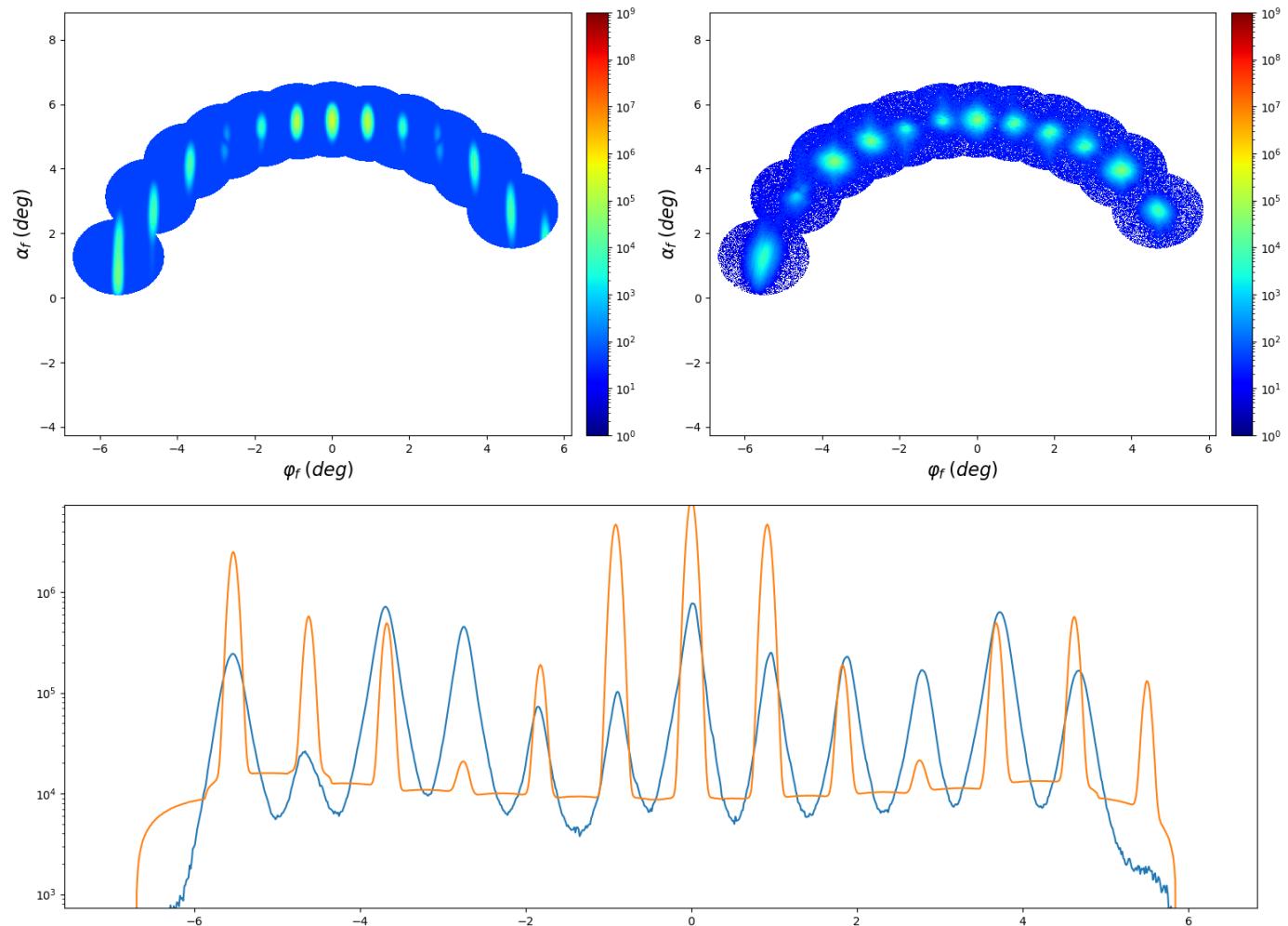
```
SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.47
m_wavelength           13.5200
```



```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      230.0
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
```

Experiment

```
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          10.80
m_wavelength           13.5200
```

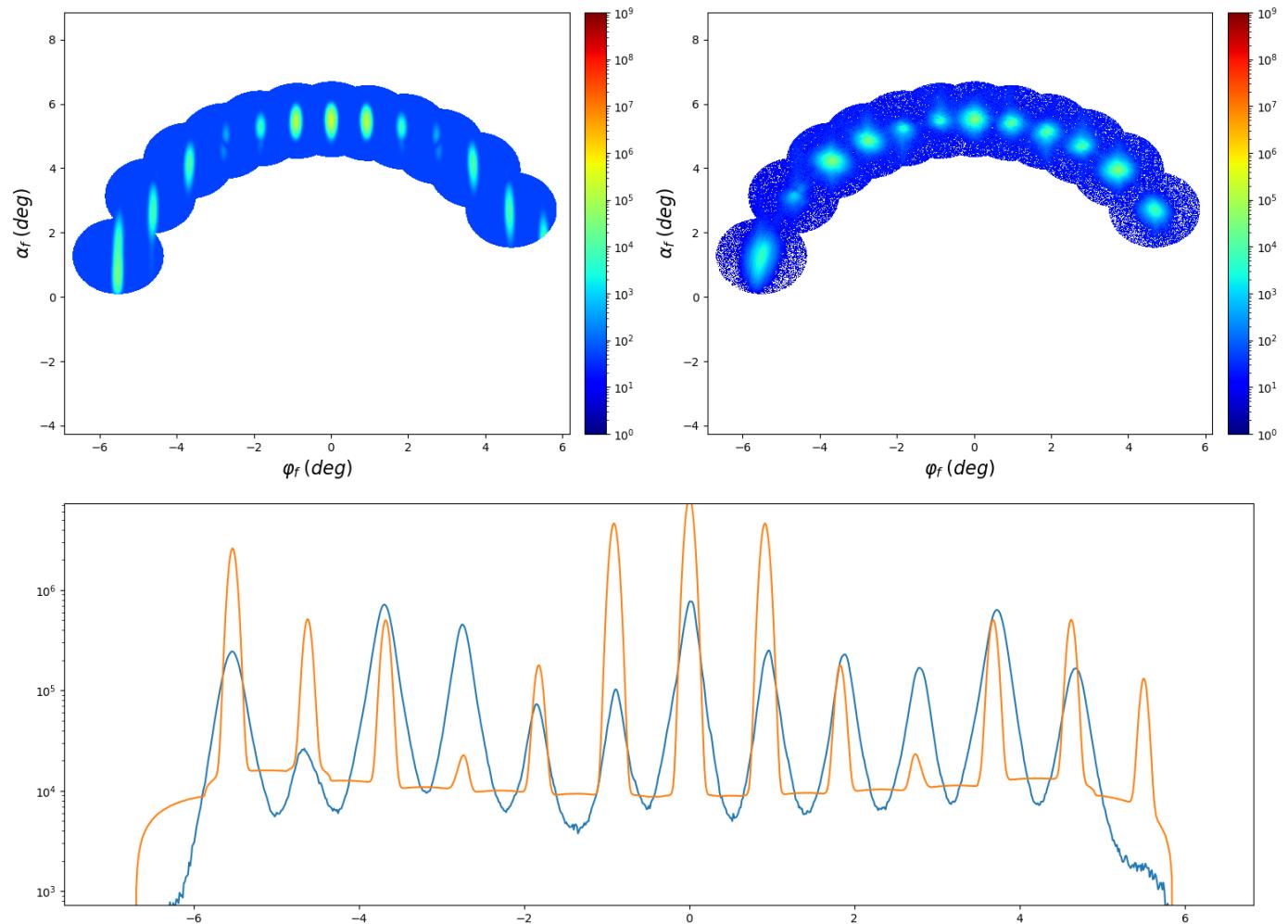


```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      232.0
m_grating_length       5000
m_grating_period       833
m_grating_width        833
m_rotation_angle        0.0
m_rough_corr            10.0
m_rough_hurst            0.5
m_rough_sigma             5.0
m_surface_density         0.02
```

Experiment

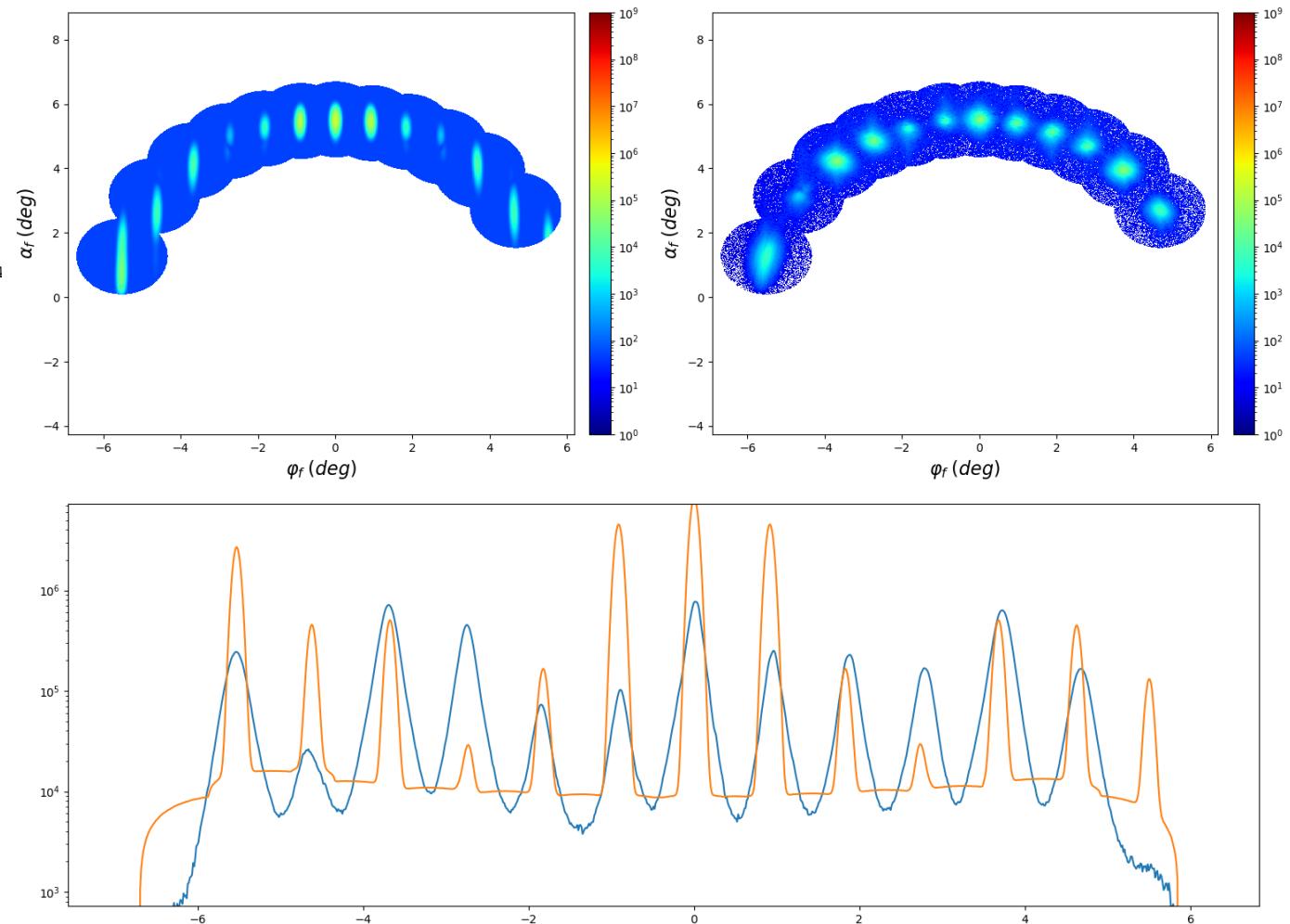
```
SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.67
m_wavelength           13.5200
```

```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      234.0
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
```



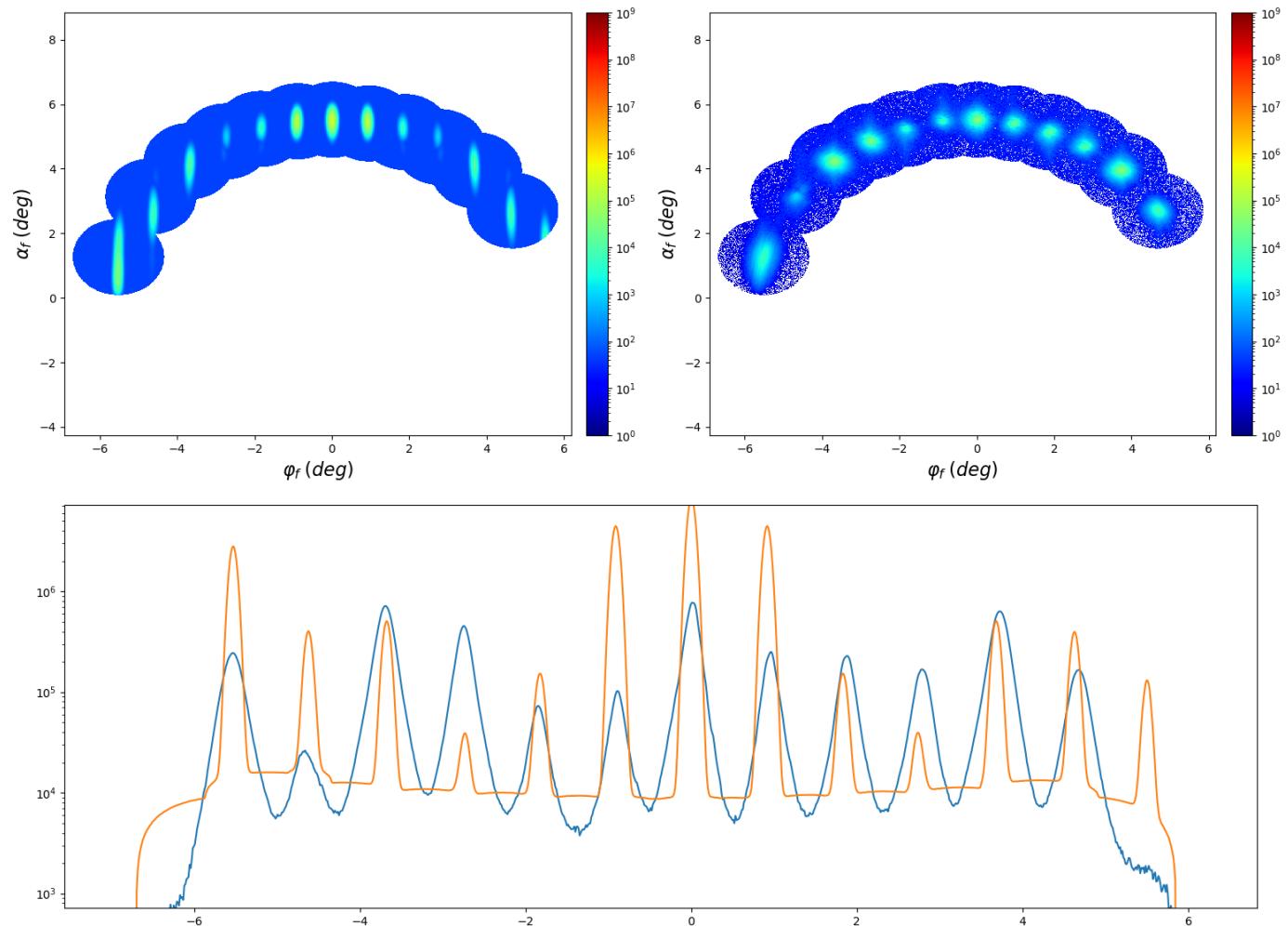
Experiment

```
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          10.71
m_wavelength           13.5200
```



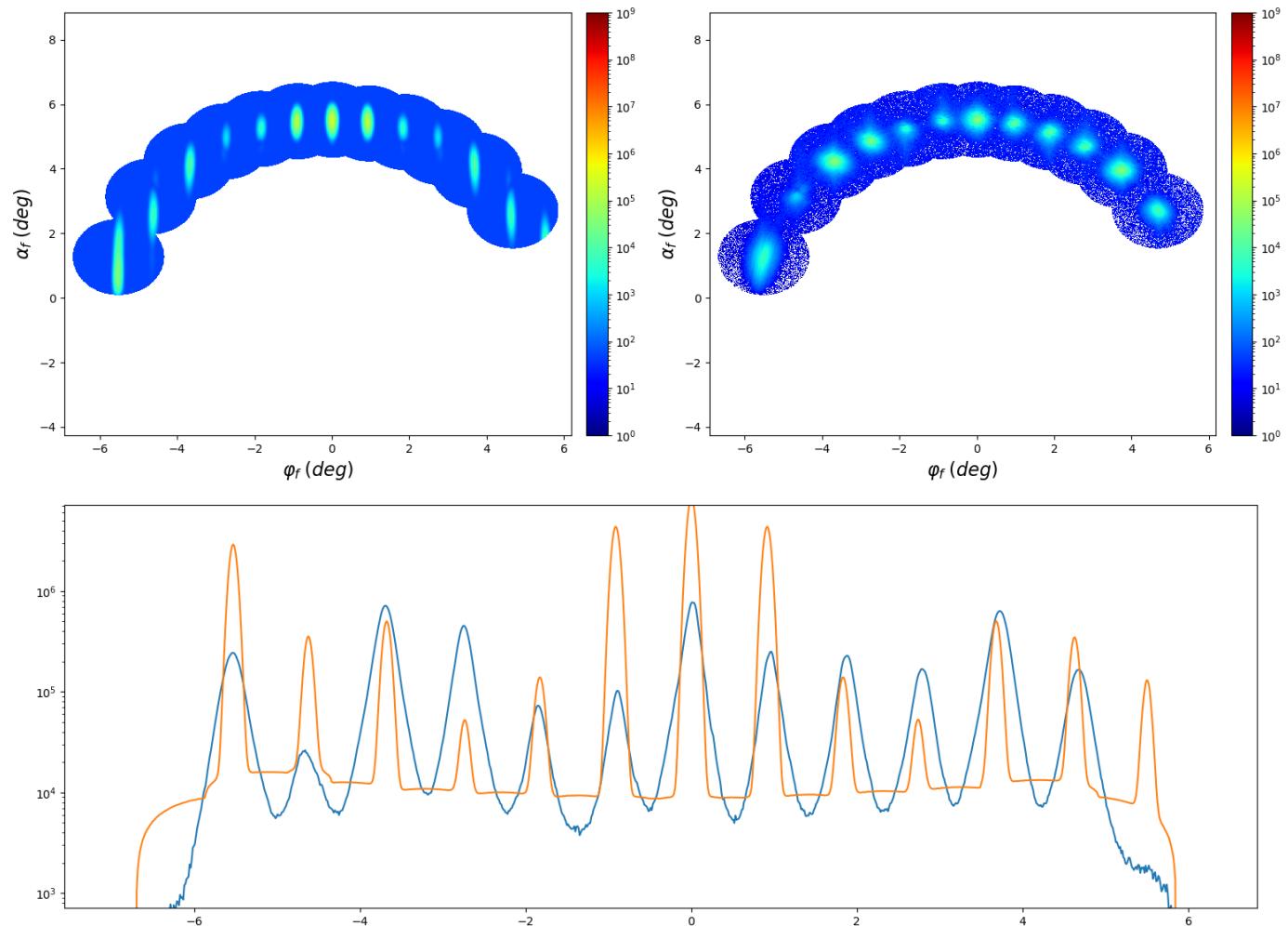
Experiment

```
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          10.80
m_wavelength           13.5200
```



Experiment

```
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          10.66
m_wavelength           13.5200
```

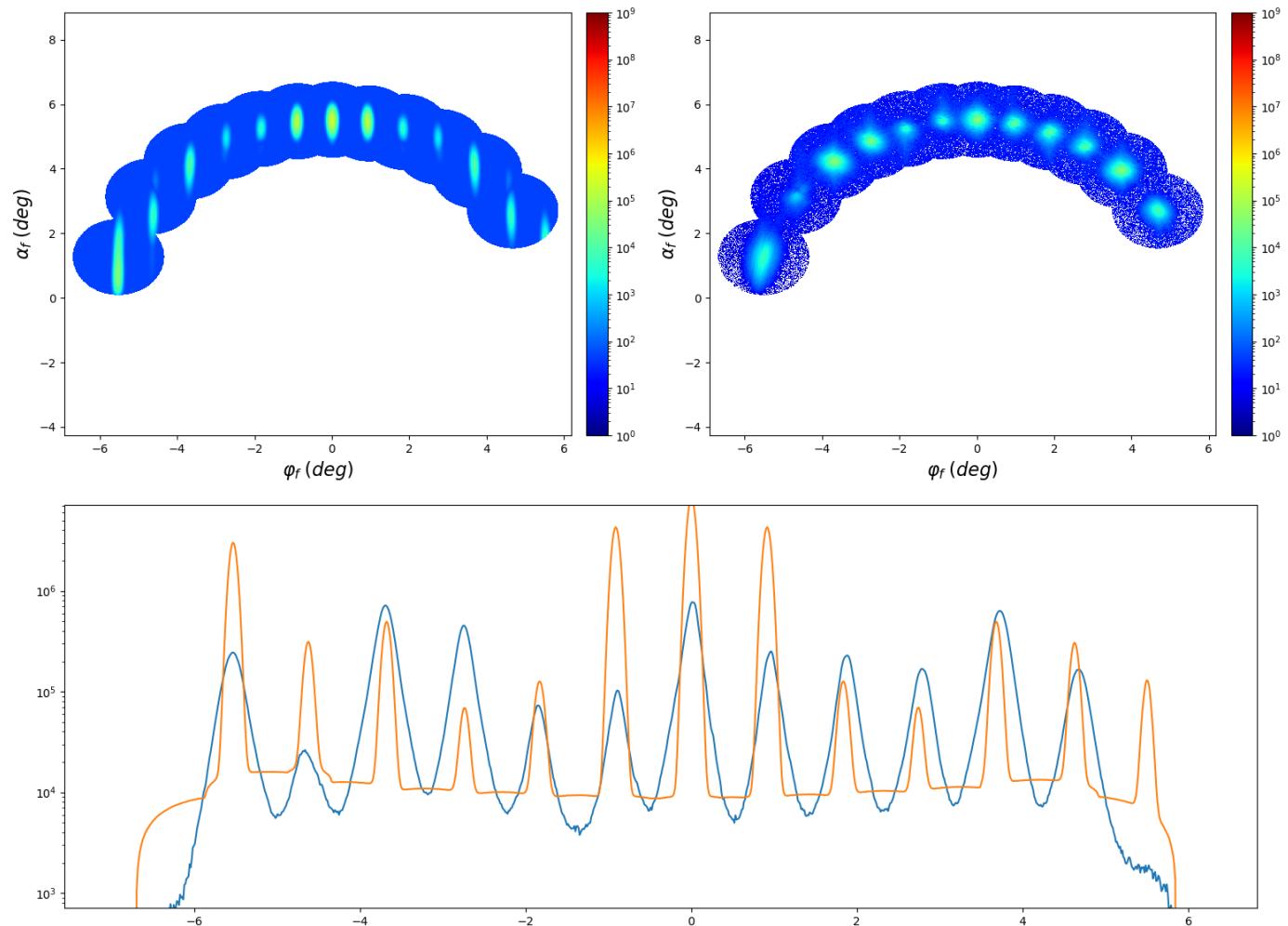


```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      240.0
m_grating_length       5000
m_grating_period       833
m_grating_width        833
m_rotation_angle        0.0
m_rough_corr            10.0
m_rough_hurst            0.5
m_rough_sigma             5.0
m_surface_density         0.02
```

Experiment

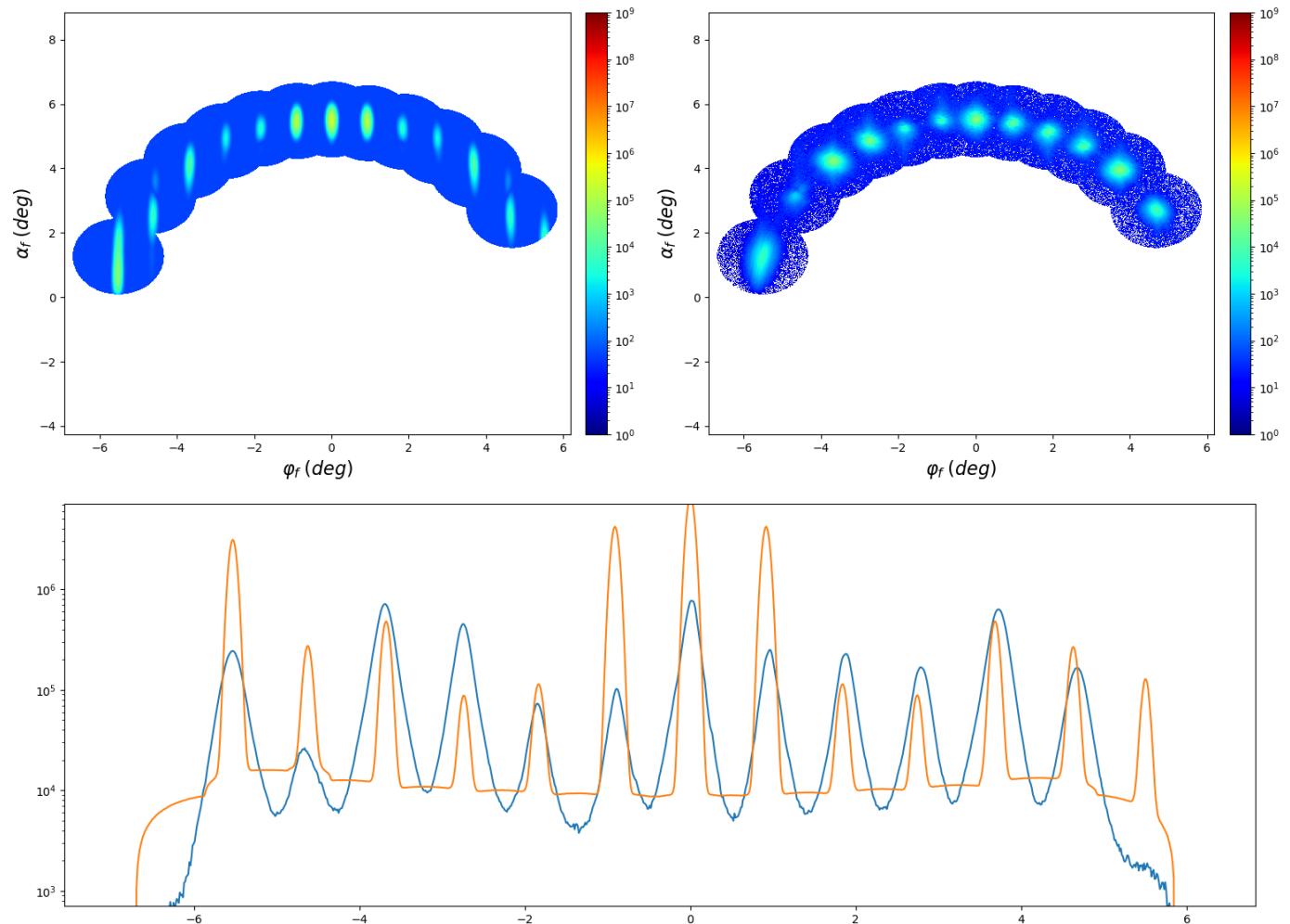
```
SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.80
m_wavelength           13.5200
```

```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      242.0
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
```



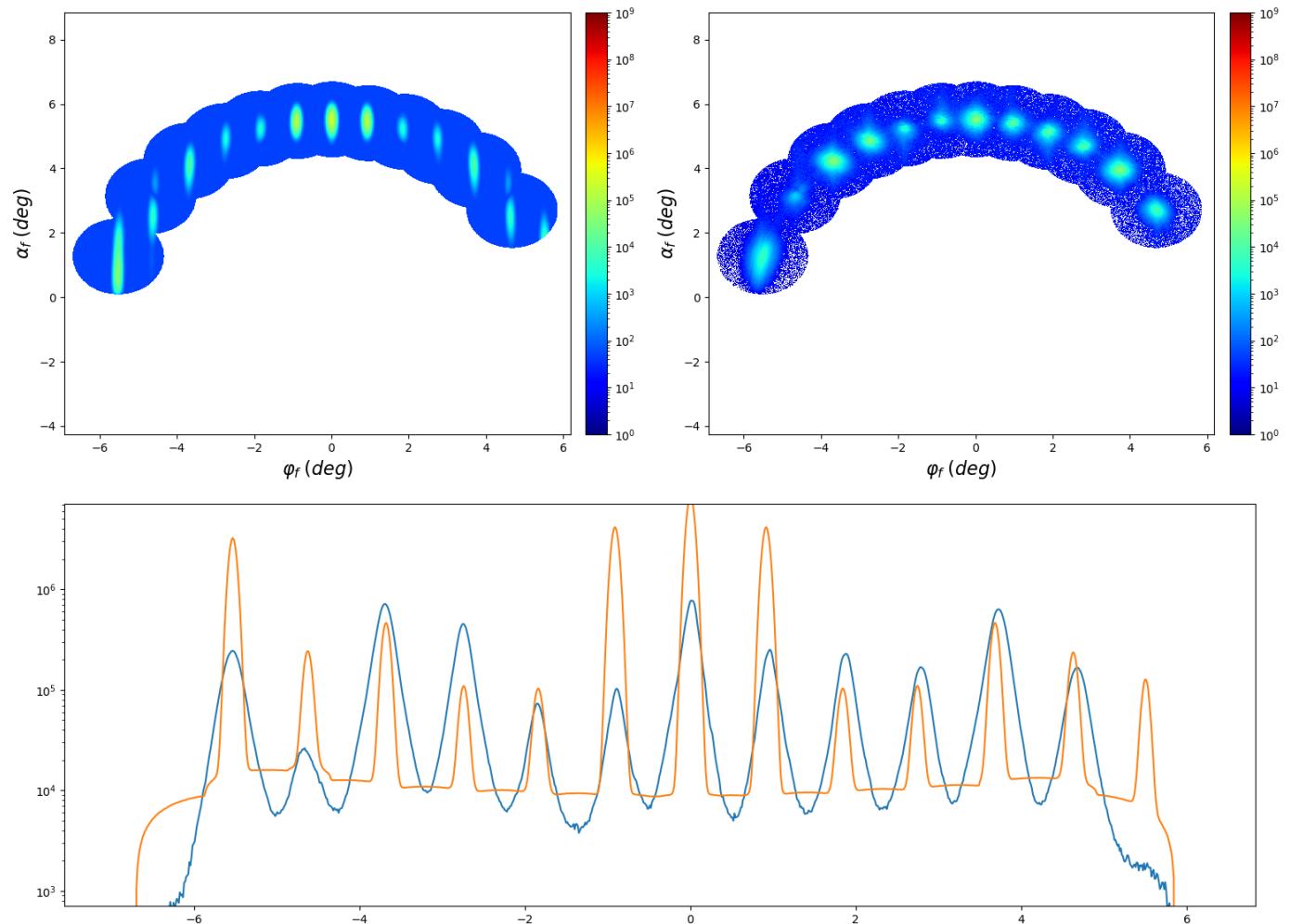
Experiment

```
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          10.70
m_wavelength           13.5200
```



Experiment

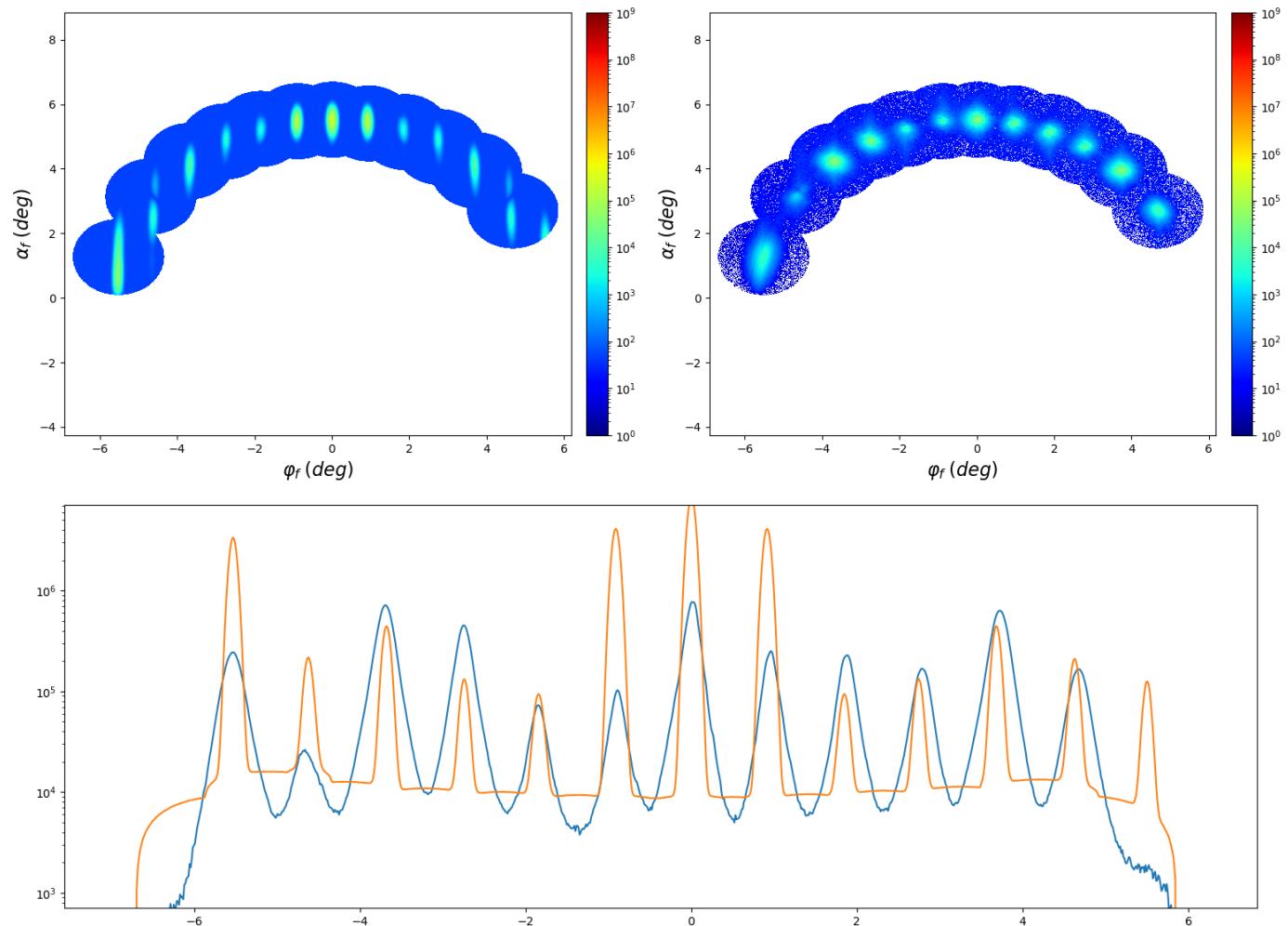
```
SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.87
m_wavelength           13.5200
```



```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      246.0
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
```

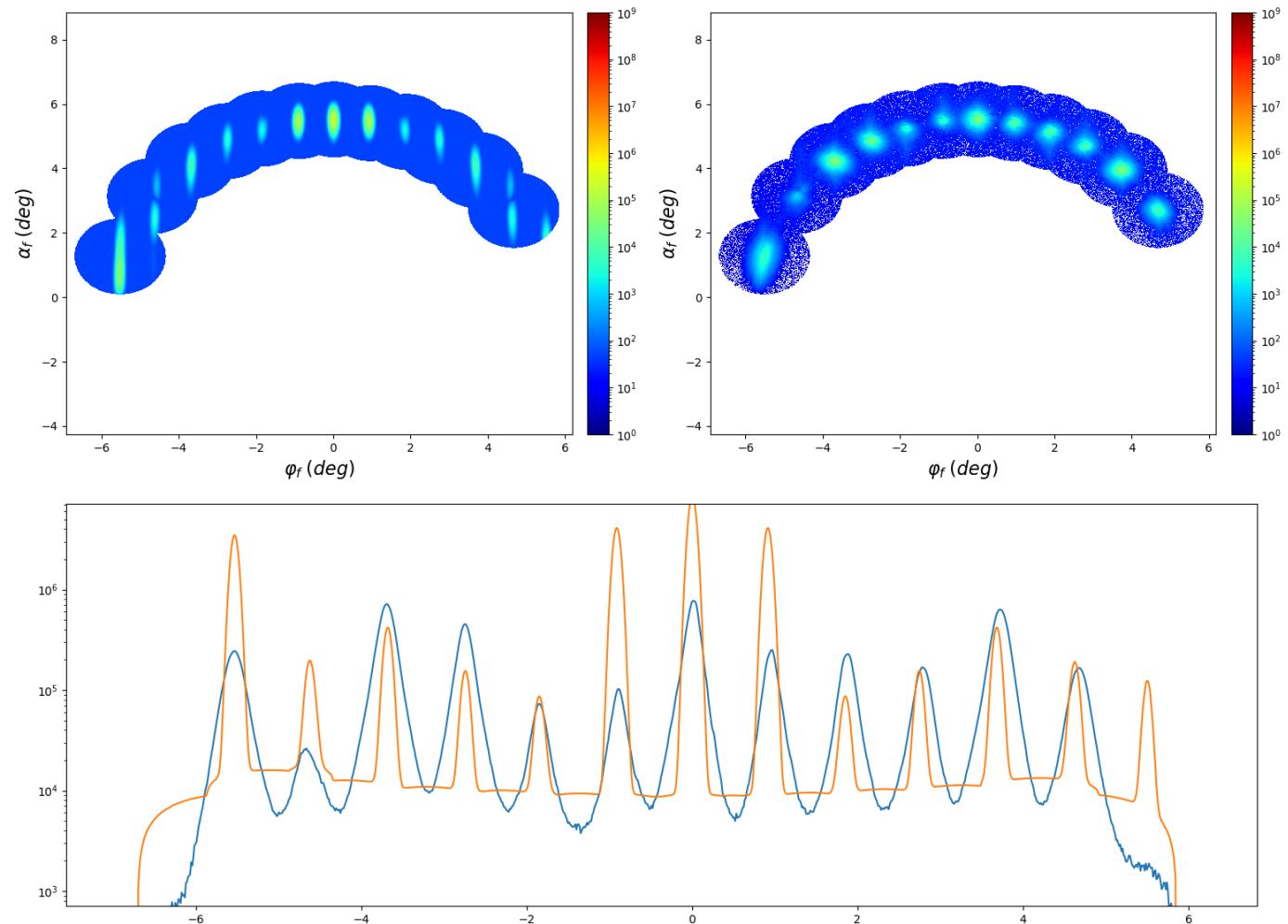
Experiment

```
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          10.65
m_wavelength           13.5200
```



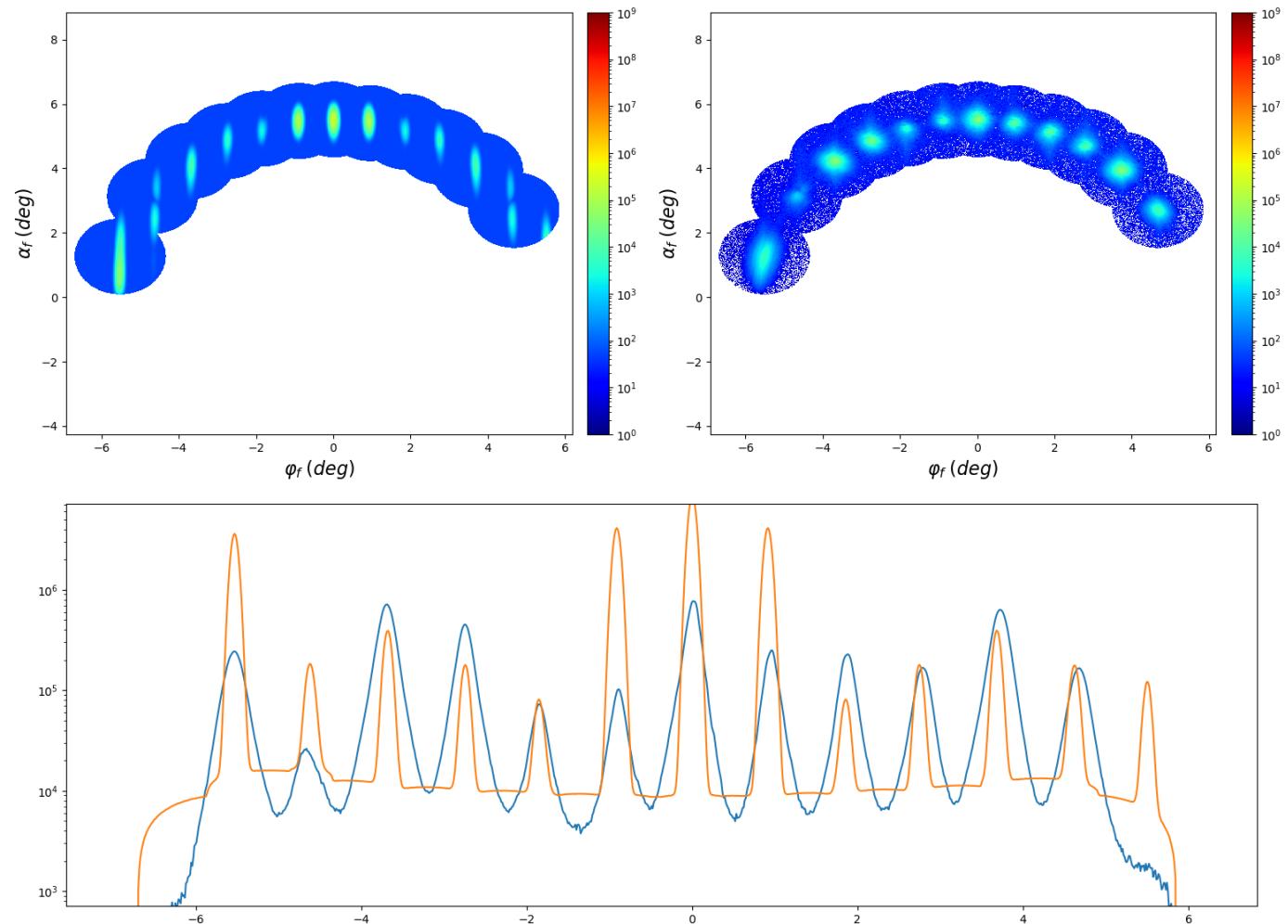
Experiment

```
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          10.58
m_wavelength           13.5200
```



Experiment

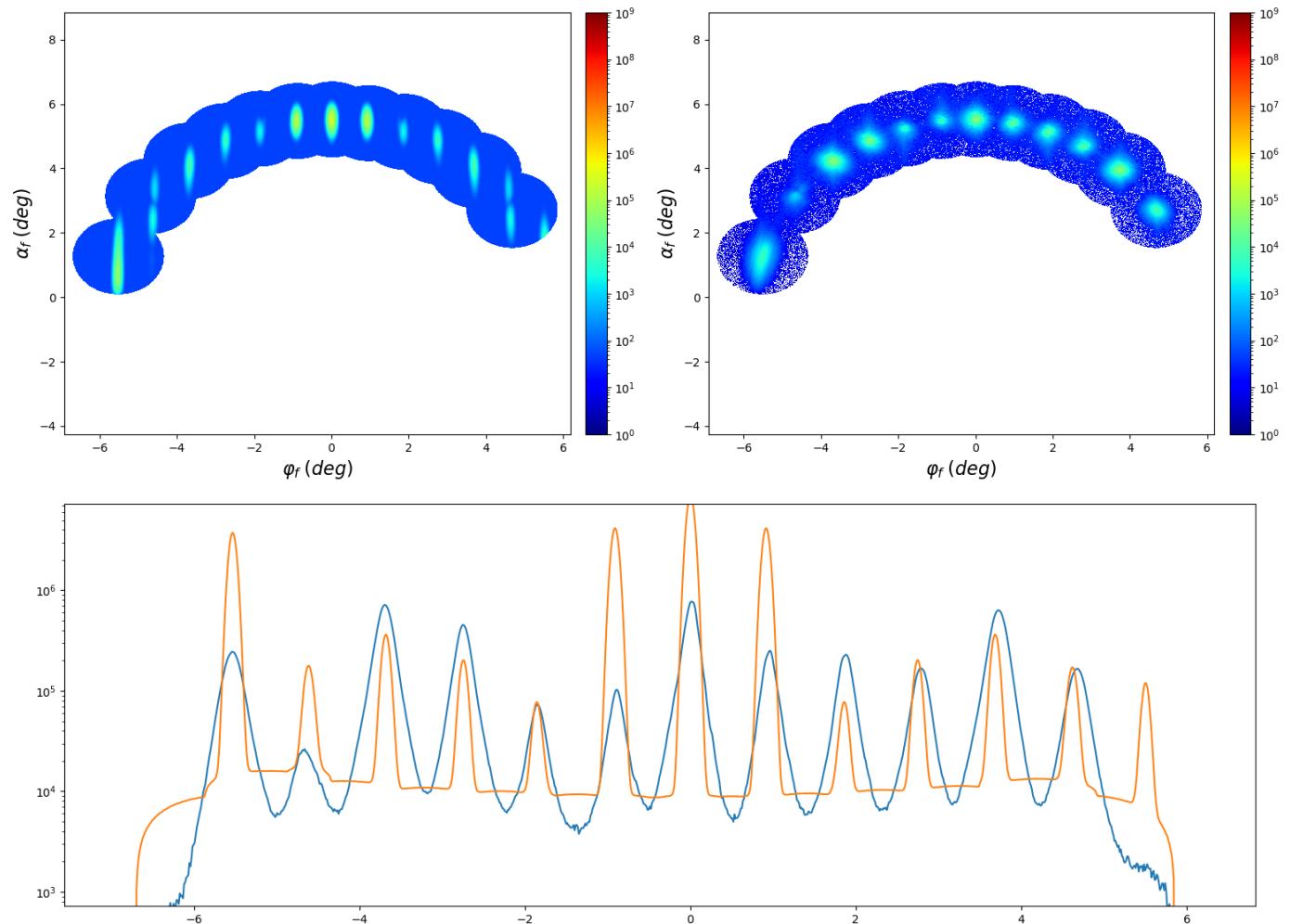
```
SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.70
m_wavelength           13.5200
```



```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      252.0
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
```

Experiment

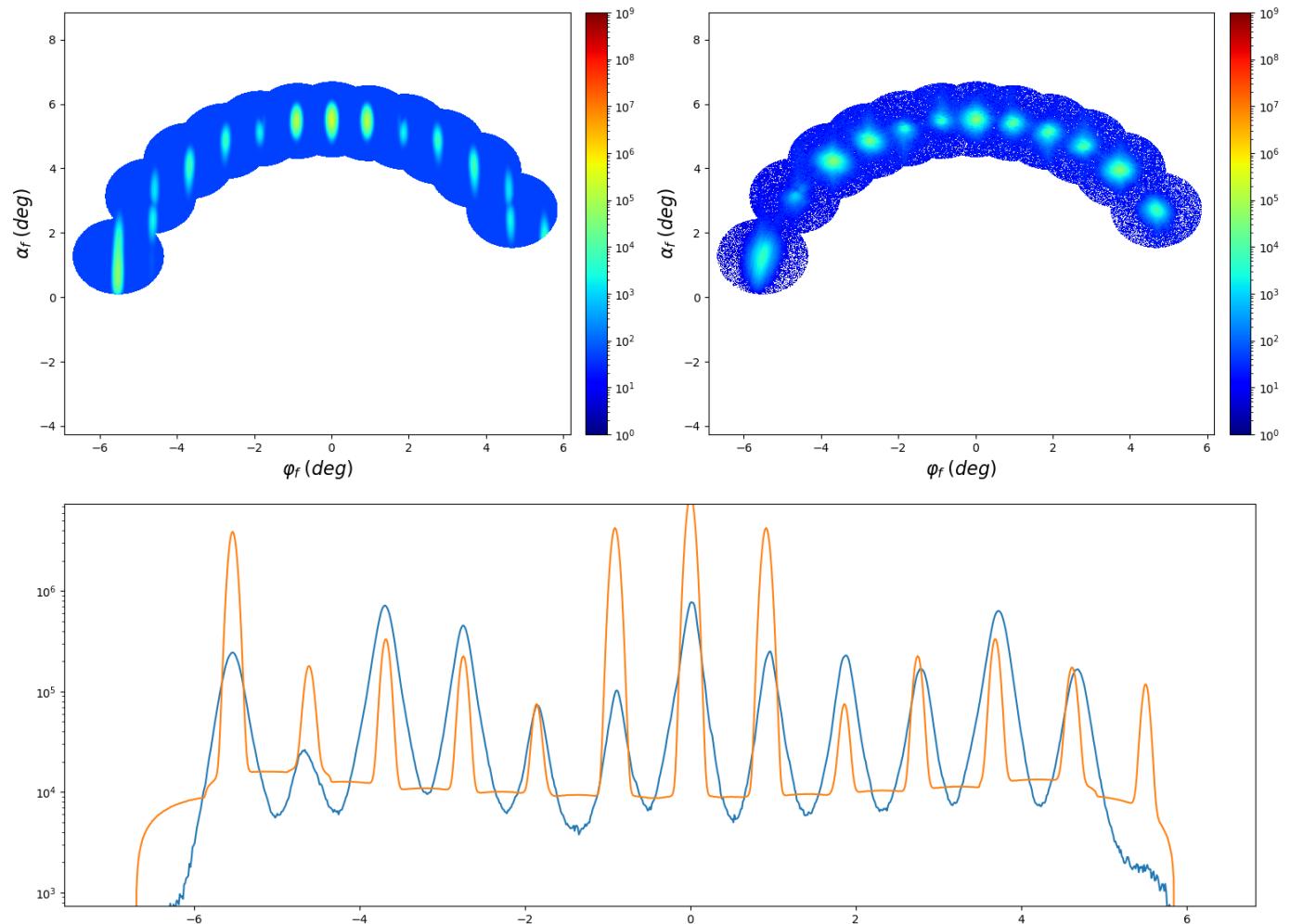
```
SimulationBuilder
m_alpha_inc          0.097214839336084
m_beam_intensity      50
m_constant_background 50.0
m_detector_resolution_sigma 0.02
m_monte_carlo        False
m_phi_inc             0
m_time_spend          10.65
m_wavelength           13.5200
```



```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      254.0
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
```

Experiment

```
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          10.51
m_wavelength           13.5200
```



Experiment

```
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          10.68
m_wavelength           13.5200
```

```
SimpleSinusGrating
m_decay_length        2500
m_grating_height      258.0
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
```

