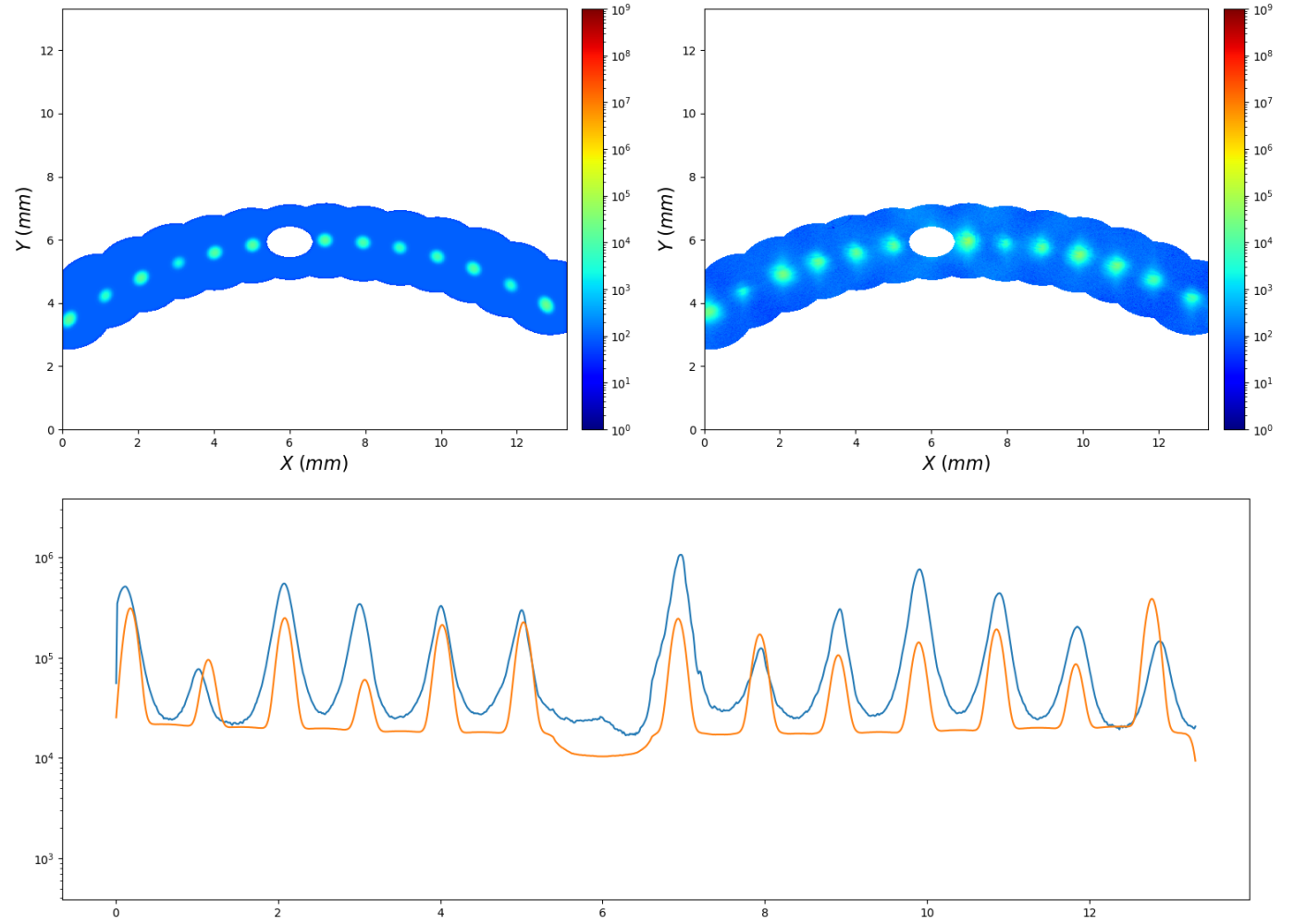


Exp2 sinus beta_b

```
SimulationBuilder
m_alpha_inc      10.64
m_beam_data_str  (13.52, 1.00)
m_beam_intensity 50000
m_constant_background 100.0
m_monte_carlo    False
m_phi_inc        0
m_resolution_sigma_factor 4.0
m_time_spend     10.48
m_wavelength     13.5200

DetectorBuilder
m_beta_b        58.89
m_det_dx        -0.00275
m_length_ccd    60.45

SimpleSinusGrating
m_decay_length  2500
m_decay_type    gauss
m_grating_height 161
m_grating_length 10000
m_grating_period 833.7
m_grating_width 833.7
m_interftype    1dlattice
m_rotation_angle -0.7366
m_rough_corr    10.0
m_rough_hurst   0.5
m_rough_sigma   10.0
m_surface_density 0.0002
```

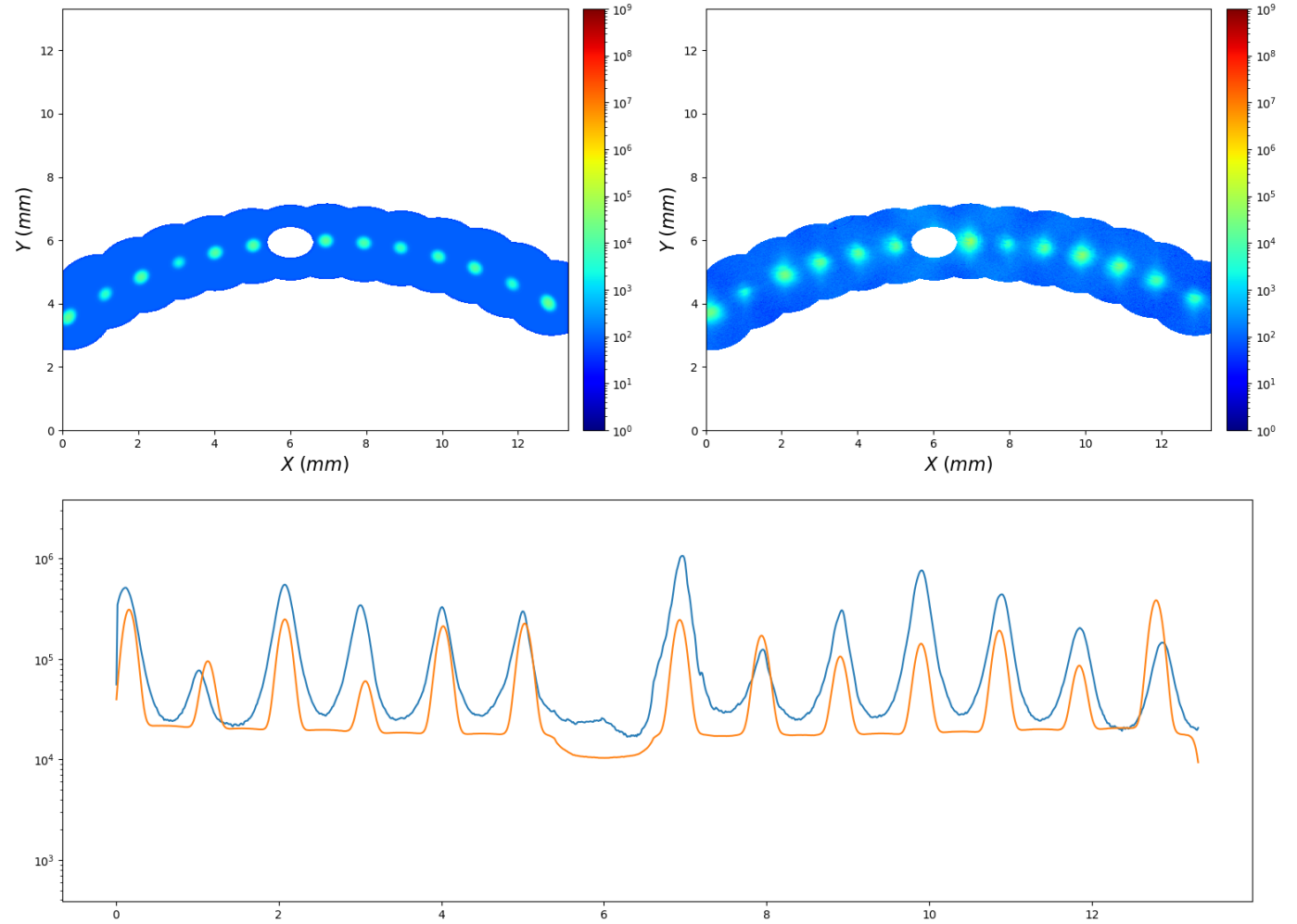


Exp2 sinus beta_b

```
SimulationBuilder
m_alpha_inc      10.64
m_beam_data_str  (13.52, 1.00)
m_beam_intensity 50000
m_constant_background 100.0
m_monte_carlo    False
m_phi_inc        0
m_resolution_sigma_factor 4.0
m_time_spend     10.60
m_wavelength     13.5200

DetectorBuilder
m_beta_b         63.33444444444444
m_det_dx         -0.00275
m_length_ccd     60.45

SimpleSinusGrating
m_decay_length   2500
m_decay_type     gauss
m_grating_height 161
m_grating_length 10000
m_grating_period 833.7
m_grating_width  833.7
m_interftype     1dlattice
m_rotation_angle -0.7366
m_rough_corr     10.0
m_rough_hurst    0.5
m_rough_sigma    10.0
m_surface_density 0.0002
```

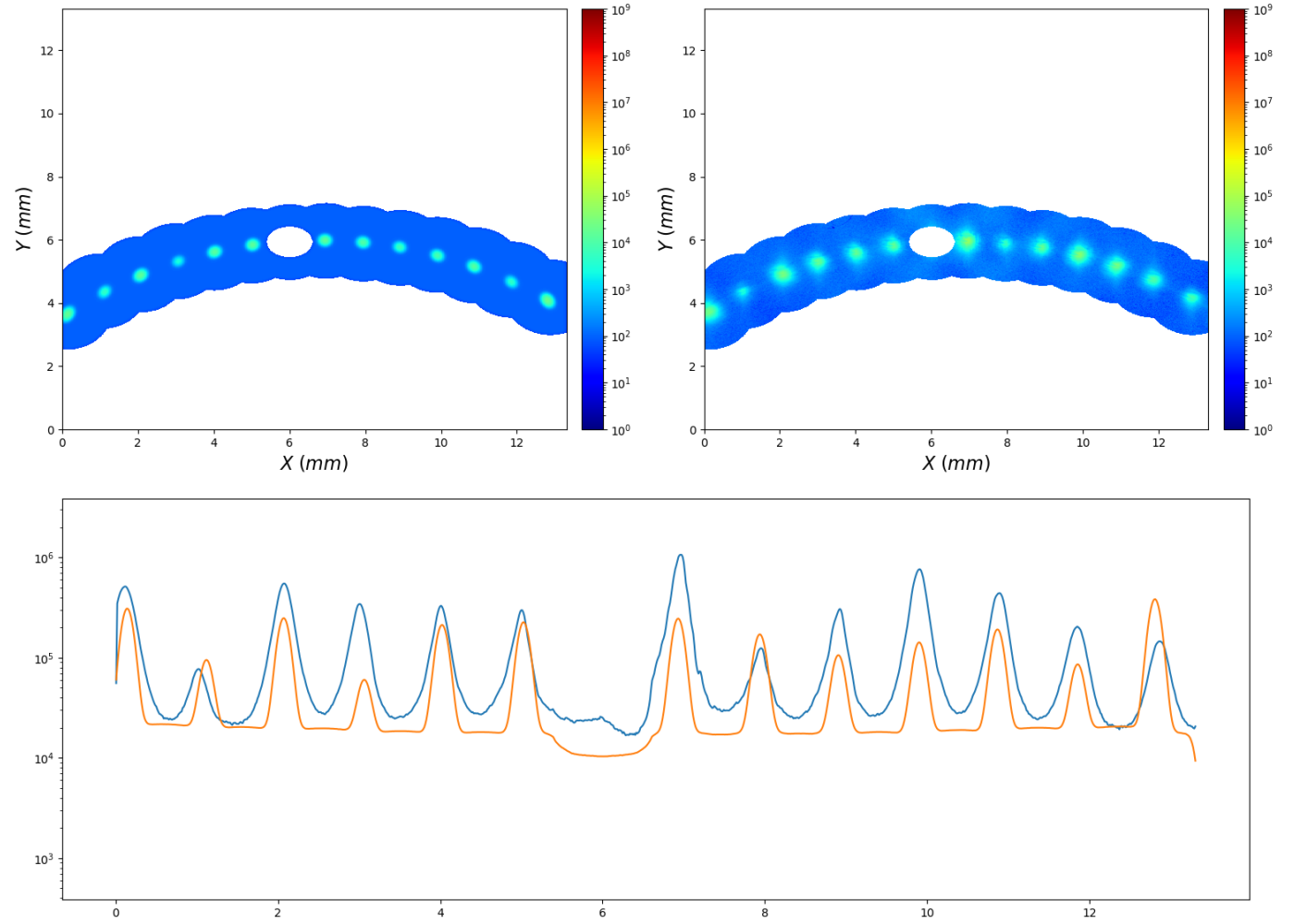


Exp2 sinus beta_b

```
SimulationBuilder
m_alpha_inc      10.64
m_beam_data_str  (13.52, 1.00)
m_beam_intensity 50000
m_constant_background 100.0
m_monte_carlo    False
m_phi_inc        0
m_resolution_sigma_factor 4.0
m_time_spend     10.58
m_wavelength     13.5200

DetectorBuilder
m_beta_b        67.77888888888889
m_det_dx        -0.00275
m_length_ccd    60.45

SimpleSinusGrating
m_decay_length   2500
m_decay_type     gauss
m_grating_height 161
m_grating_length 10000
m_grating_period 833.7
m_grating_width  833.7
m_interftype     1dlattice
m_rotation_angle -0.7366
m_rough_corr     10.0
m_rough_hurst    0.5
m_rough_sigma    10.0
m_surface_density 0.0002
```

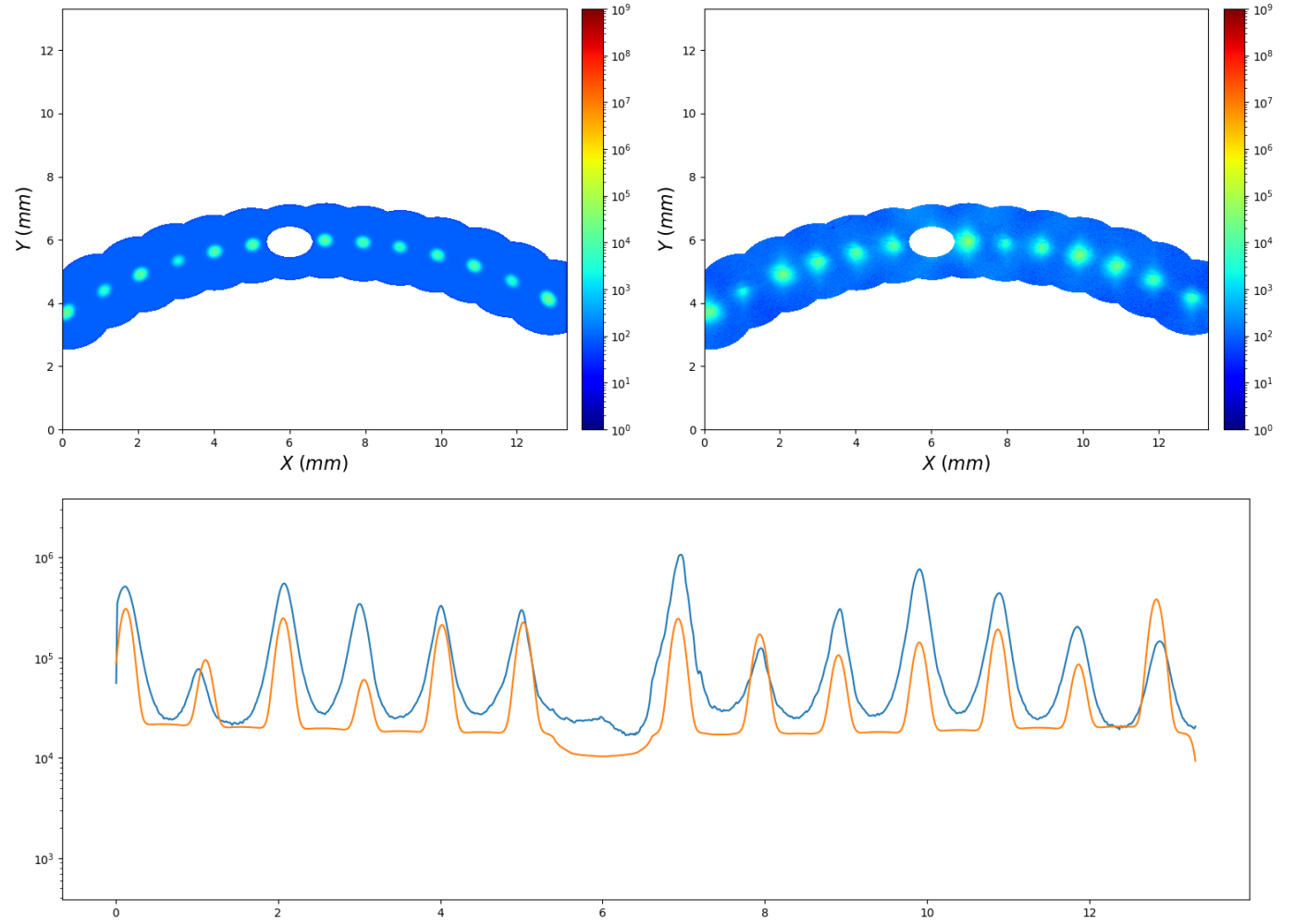


Exp2 sinus beta_b

```
SimulationBuilder
m_alpha_inc      10.64
m_beam_data_str  (13.52, 1.00)
m_beam_intensity 50000
m_constant_background 100.0
m_monte_carlo    False
m_phi_inc        0
m_resolution_sigma_factor 4.0
m_time_spend     10.49
m_wavelength     13.5200

DetectorBuilder
m_beta_b        72.22333333333333
m_det_dx        -0.00275
m_length_ccd    60.45
```

```
SimpleSinusGrating
m_decay_length  2500
m_decay_type    gauss
m_grating_height 161
m_grating_length 10000
m_grating_period 833.7
m_grating_width 833.7
m_interftype    1dlattice
m_rotation_angle -0.7366
m_rough_corr    10.0
m_rough_hurst   0.5
m_rough_sigma   10.0
m_surface_density 0.0002
```

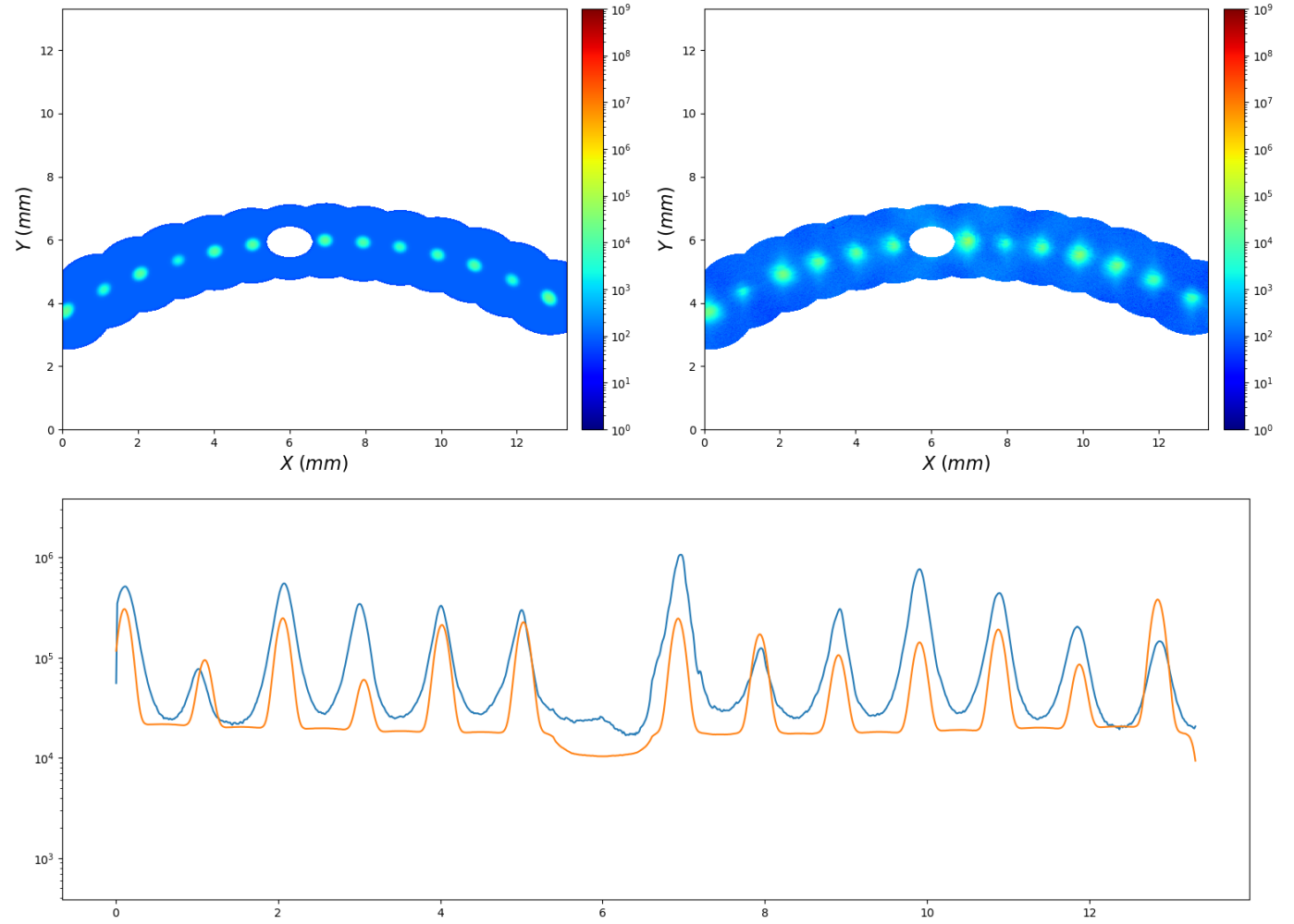


Exp2 sinus beta_b

```
SimulationBuilder
m_alpha_inc      10.64
m_beam_data_str  (13.52, 1.00)
m_beam_intensity 50000
m_constant_background 100.0
m_monte_carlo    False
m_phi_inc        0
m_resolution_sigma_factor 4.0
m_time_spend     10.49
m_wavelength     13.5200

DetectorBuilder
m_beta_b        76.66777777777779
m_det_dx        -0.00275
m_length_ccd    60.45

SimpleSinusGrating
m_decay_length  2500
m_decay_type    gauss
m_grating_height 161
m_grating_length 10000
m_grating_period 833.7
m_grating_width 833.7
m_interftype    1dlattice
m_rotation_angle -0.7366
m_rough_corr    10.0
m_rough_hurst   0.5
m_rough_sigma   10.0
m_surface_density 0.0002
```

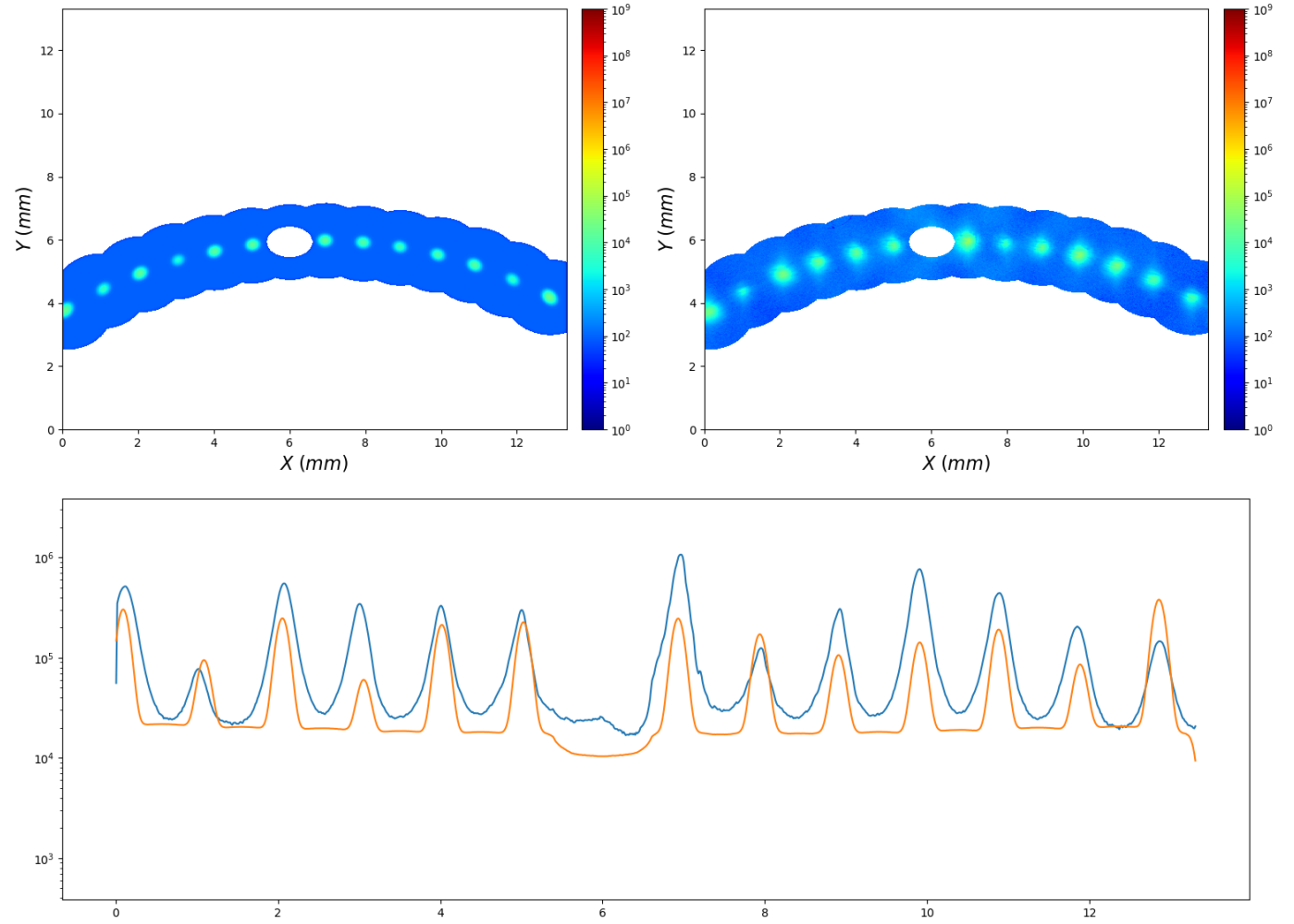


Exp2 sinus beta_b

```
SimulationBuilder
m_alpha_inc      10.64
m_beam_data_str  (13.52, 1.00)
m_beam_intensity 50000
m_constant_background 100.0
m_monte_carlo    False
m_phi_inc        0
m_resolution_sigma_factor 4.0
m_time_spend     10.79
m_wavelength     13.5200

DetectorBuilder
m_beta_b        81.11222222222221
m_det_dx        -0.00275
m_length_ccd    60.45

SimpleSinusGrating
m_decay_length  2500
m_decay_type    gauss
m_grating_height 161
m_grating_length 10000
m_grating_period 833.7
m_grating_width 833.7
m_interftype    1dlattice
m_rotation_angle -0.7366
m_rough_corr    10.0
m_rough_hurst   0.5
m_rough_sigma   10.0
m_surface_density 0.0002
```

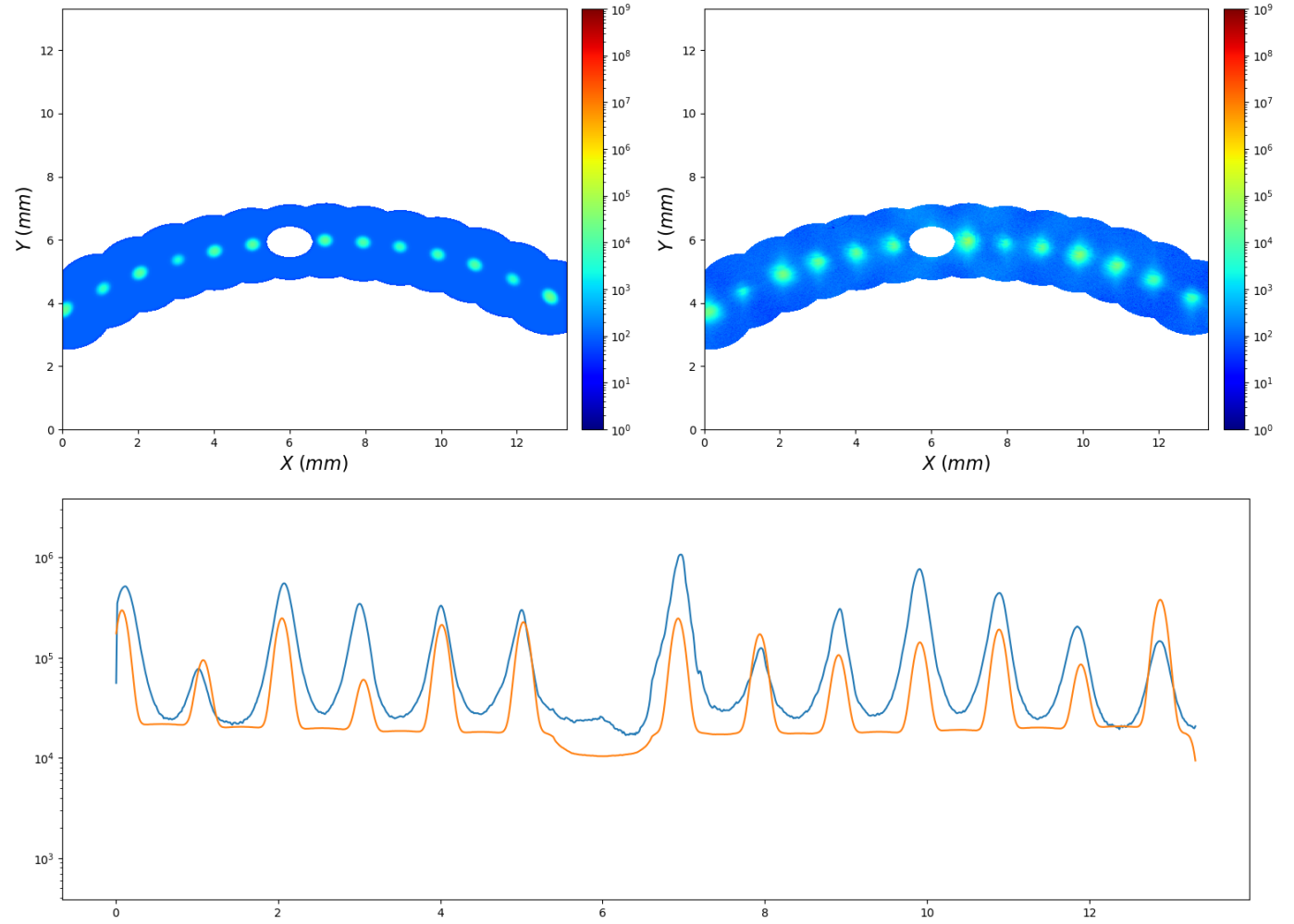


Exp2 sinus beta_b

```
SimulationBuilder
m_alpha_inc      10.64
m_beam_data_str  (13.52, 1.00)
m_beam_intensity 50000
m_constant_background 100.0
m_monte_carlo    False
m_phi_inc        0
m_resolution_sigma_factor 4.0
m_time_spend     10.43
m_wavelength     13.5200

DetectorBuilder
m_beta_b        85.55666666666667
m_det_dx        -0.00275
m_length_ccd    60.45

SimpleSinusGrating
m_decay_length  2500
m_decay_type    gauss
m_grating_height 161
m_grating_length 10000
m_grating_period 833.7
m_grating_width 833.7
m_interftype    1dlattice
m_rotation_angle -0.7366
m_rough_corr    10.0
m_rough_hurst   0.5
m_rough_sigma   10.0
m_surface_density 0.0002
```

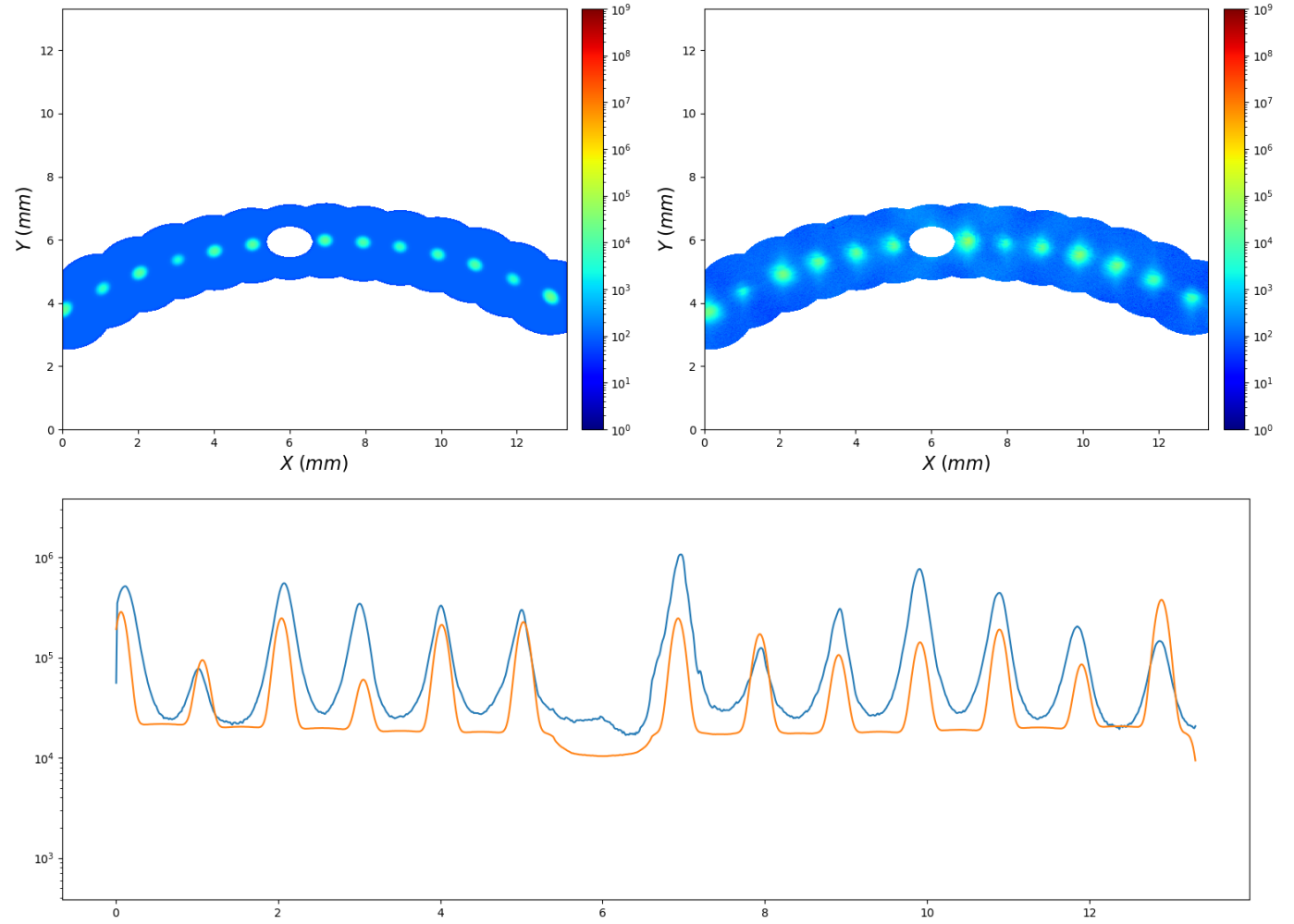


Exp2 sinus beta_b

```
SimulationBuilder
m_alpha_inc      10.64
m_beam_data_str  (13.52, 1.00)
m_beam_intensity 50000
m_constant_background 100.0
m_monte_carlo    False
m_phi_inc        0
m_resolution_sigma_factor 4.0
m_time_spend     10.47
m_wavelength     13.5200

DetectorBuilder
m_beta_b        90.00111111111111
m_det_dx        -0.00275
m_length_ccd    60.45

SimpleSinusGrating
m_decay_length   2500
m_decay_type     gauss
m_grating_height 161
m_grating_length 10000
m_grating_period 833.7
m_grating_width  833.7
m_interftype     1dlattice
m_rotation_angle -0.7366
m_rough_corr     10.0
m_rough_hurst    0.5
m_rough_sigma    10.0
m_surface_density 0.0002
```

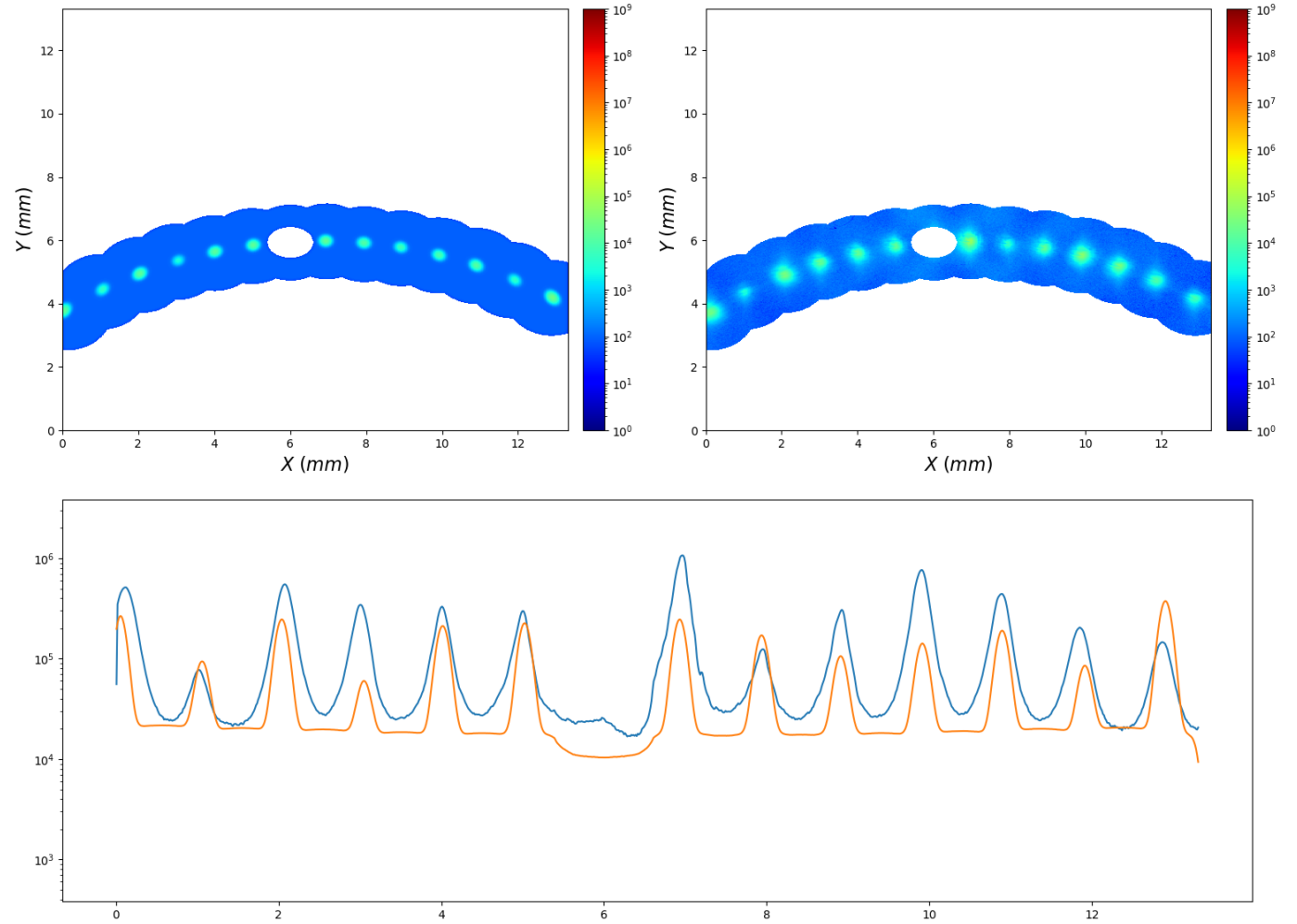


Exp2 sinus beta_b

```
SimulationBuilder
m_alpha_inc      10.64
m_beam_data_str  (13.52, 1.00)
m_beam_intensity 50000
m_constant_background 100.0
m_monte_carlo    False
m_phi_inc        0
m_resolution_sigma_factor 4.0
m_time_spend     10.66
m_wavelength     13.5200

DetectorBuilder
m_beta_b         94.44555555555556
m_det_dx         -0.00275
m_length_ccd     60.45

SimpleSinusGrating
m_decay_length   2500
m_decay_type     gauss
m_grating_height 161
m_grating_length 10000
m_grating_period 833.7
m_grating_width  833.7
m_interftype     1dlattice
m_rotation_angle -0.7366
m_rough_corr     10.0
m_rough_hurst    0.5
m_rough_sigma    10.0
m_surface_density 0.0002
```



Exp2 sinus beta_b

```
SimulationBuilder
m_alpha_inc      10.64
m_beam_data_str  (13.52, 1.00)
m_beam_intensity 50000
m_constant_background 100.0
m_monte_carlo    False
m_phi_inc        0
m_resolution_sigma_factor 4.0
m_time_spend     10.43
m_wavelength     13.5200
```

```
DetectorBuilder
m_beta_b        98.89
m_det_dx        -0.00275
m_length_ccd    60.45
```

```
SimpleSinusGrating
m_decay_length  2500
m_decay_type    gauss
m_grating_height 161
m_grating_length 10000
m_grating_period 833.7
m_grating_width 833.7
m_interftype    1dlattice
m_rotation_angle -0.7366
m_rough_corr    10.0
m_rough_hurst   0.5
m_rough_sigma   10.0
m_surface_density 0.0002
```

