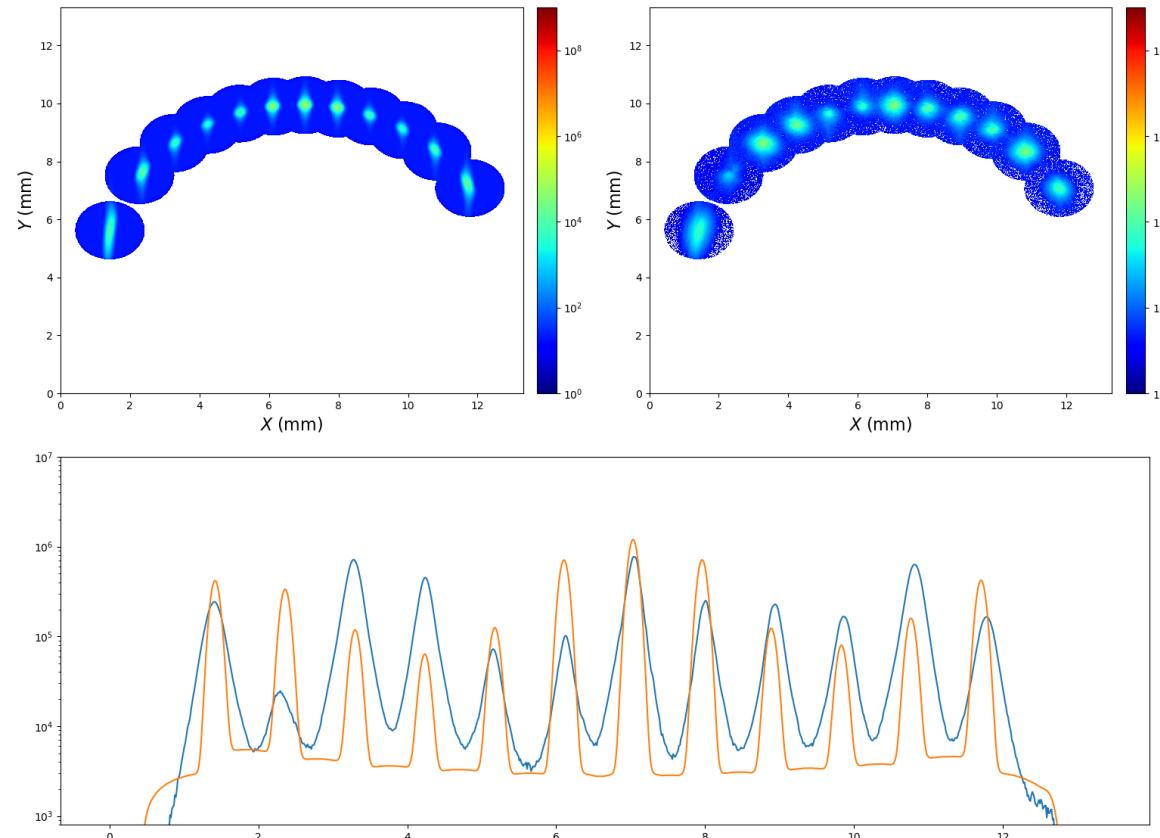


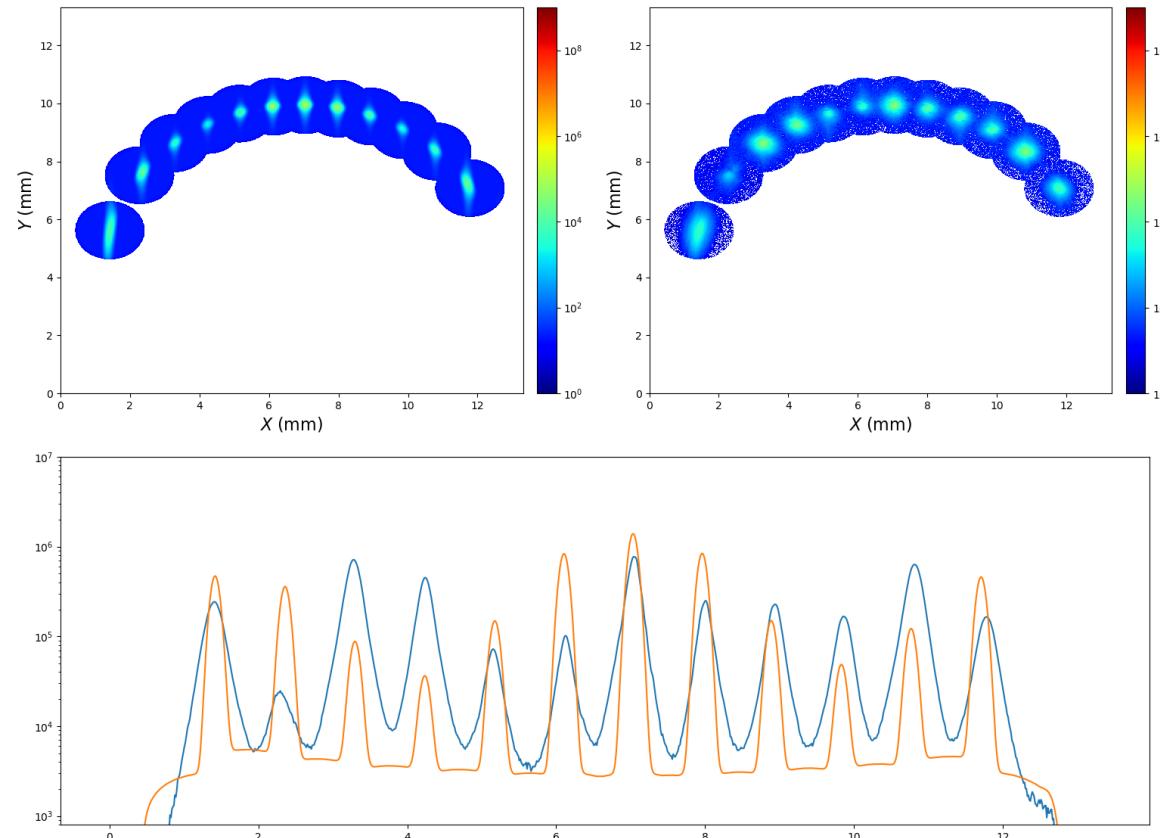
Grating spherical r0

```
{  
    "builder": "SphericalSymGrating",  
    "grating_period": 834.2,  
    "grating_central_part": 400.0,  
    "length": 10000,  
    "r_sigma": 25.0,  
    "r_hurst": 1.0,  
    "r_corr": 20.0,  
    "surface_density": 0.004,  
    "nslices": 101,  
    "r0": 225.6,  
    "r0_height": 100.0,  
    "r1": 372.0,  
    "bulk": 394.2,  
    "interf": {  
        "type": "idlattice",  
        "decay_type": "gauss",  
        "decay_length": 2500,  
        "variance": 0.1  
    }  
}
```



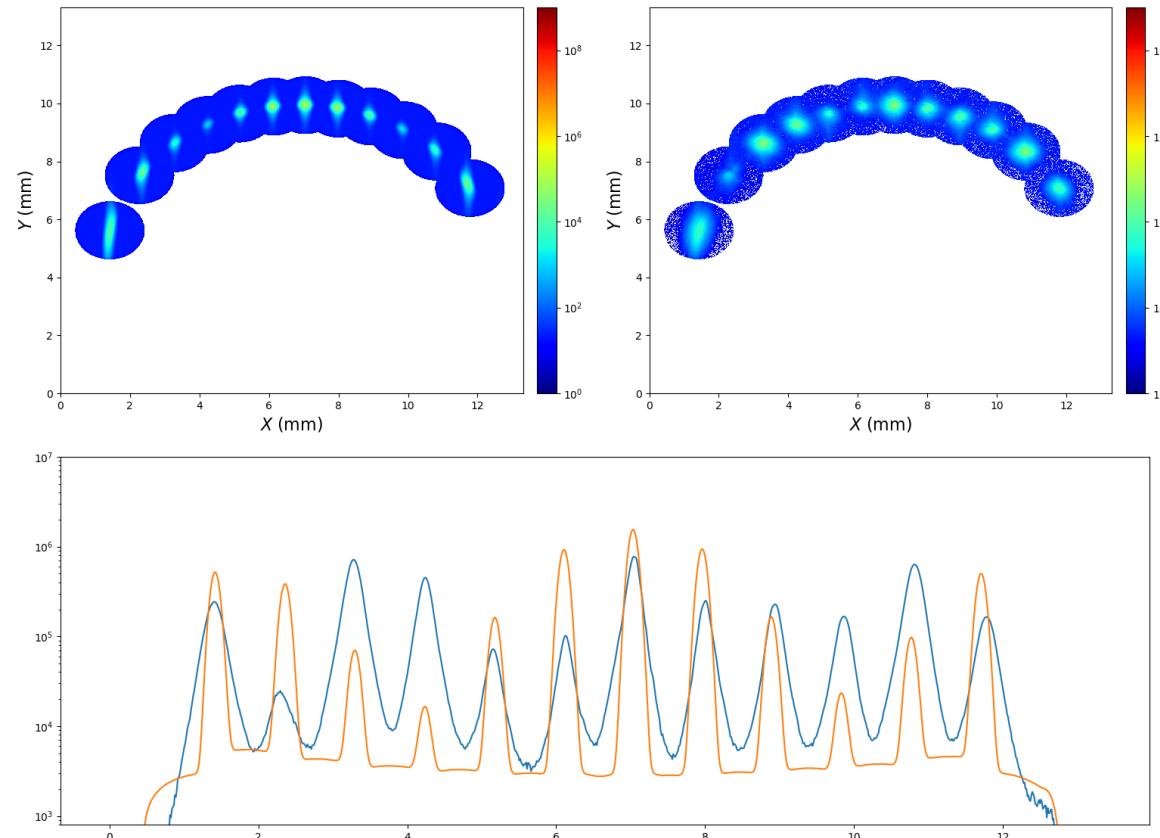
Grating spherical r0

```
{  
    "builder": "SphericalSymGrating",  
    "grating_period": 834.2,  
    "grating_central_part": 400.0,  
    "length": 10000,  
    "r_sigma": 25.0,  
    "r_hurst": 1.0,  
    "r_corr": 20.0,  
    "surface_density": 0.004,  
    "nslices": 101,  
    "r0": 225.6,  
    "r0_height": 104.0,  
    "r1": 372.0,  
    "bulk": 394.2,  
    "interf": {  
        "type": "idlattice",  
        "decay_type": "gauss",  
        "decay_length": 2500,  
        "variance": 0.1  
    }  
}
```



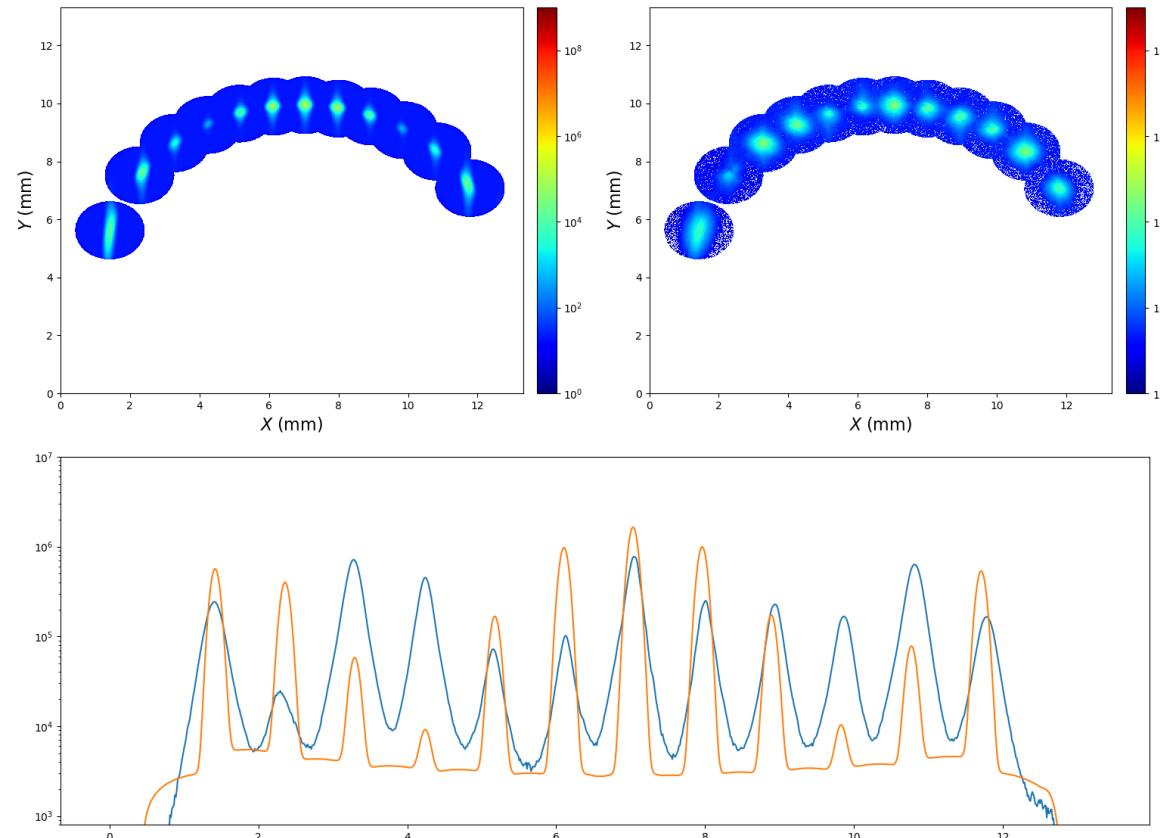
Grating spherical r0

```
{  
    "builder": "SphericalSymGrating",  
    "grating_period": 834.2,  
    "grating_central_part": 400.0,  
    "length": 10000,  
    "r_sigma": 25.0,  
    "r_hurst": 1.0,  
    "r_corr": 20.0,  
    "surface_density": 0.004,  
    "nslices": 101,  
    "r0": 225.6,  
    "r0_height": 108.0,  
    "r1": 372.0,  
    "bulk": 394.2,  
    "interf": {  
        "type": "idlattice",  
        "decay_type": "gauss",  
        "decay_length": 2500,  
        "variance": 0.1  
    }  
}
```



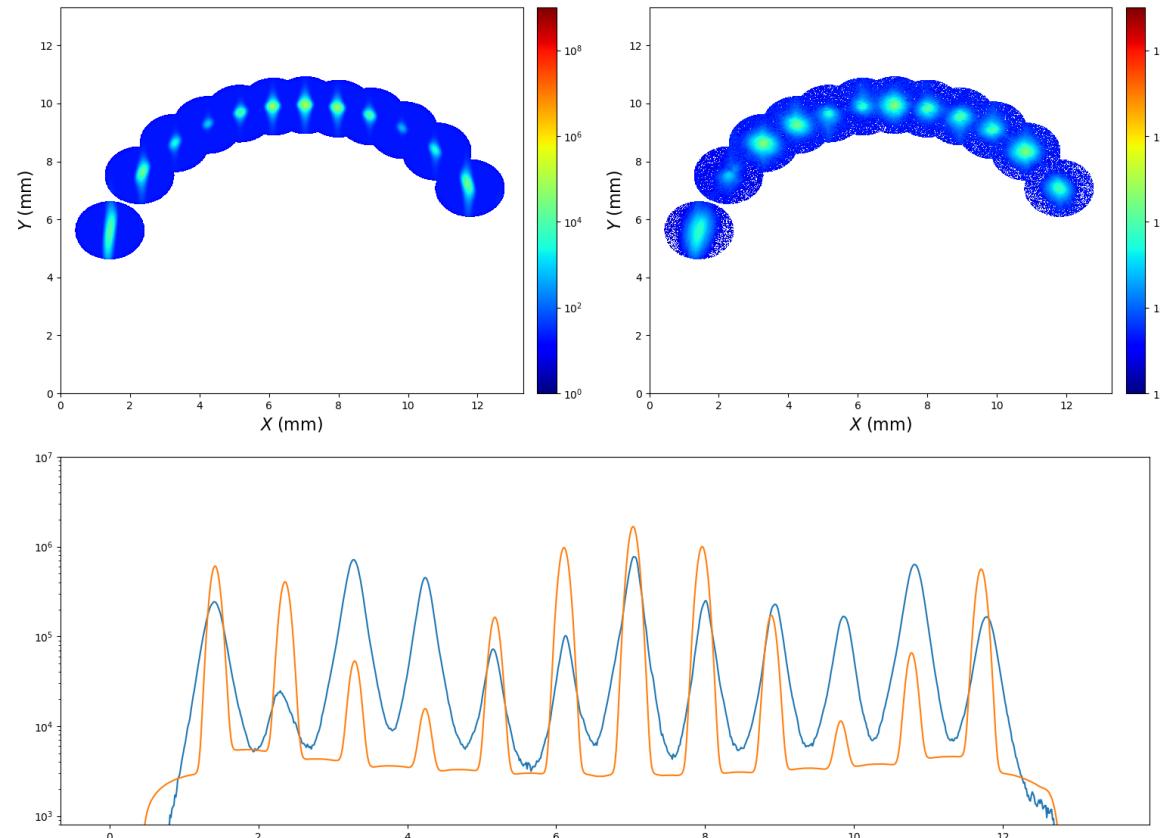
Grating spherical r0

```
{  
    "builder": "SphericalSymGrating",  
    "grating_period": 834.2,  
    "grating_central_part": 400.0,  
    "length": 10000,  
    "r_sigma": 25.0,  
    "r_hurst": 1.0,  
    "r_corr": 20.0,  
    "surface_density": 0.004,  
    "nslices": 101,  
    "r0": 225.6,  
    "r0_height": 112.0,  
    "r1": 372.0,  
    "bulk": 394.2,  
    "interf": {  
        "type": "idlattice",  
        "decay_type": "gauss",  
        "decay_length": 2500,  
        "variance": 0.1  
    }  
}
```



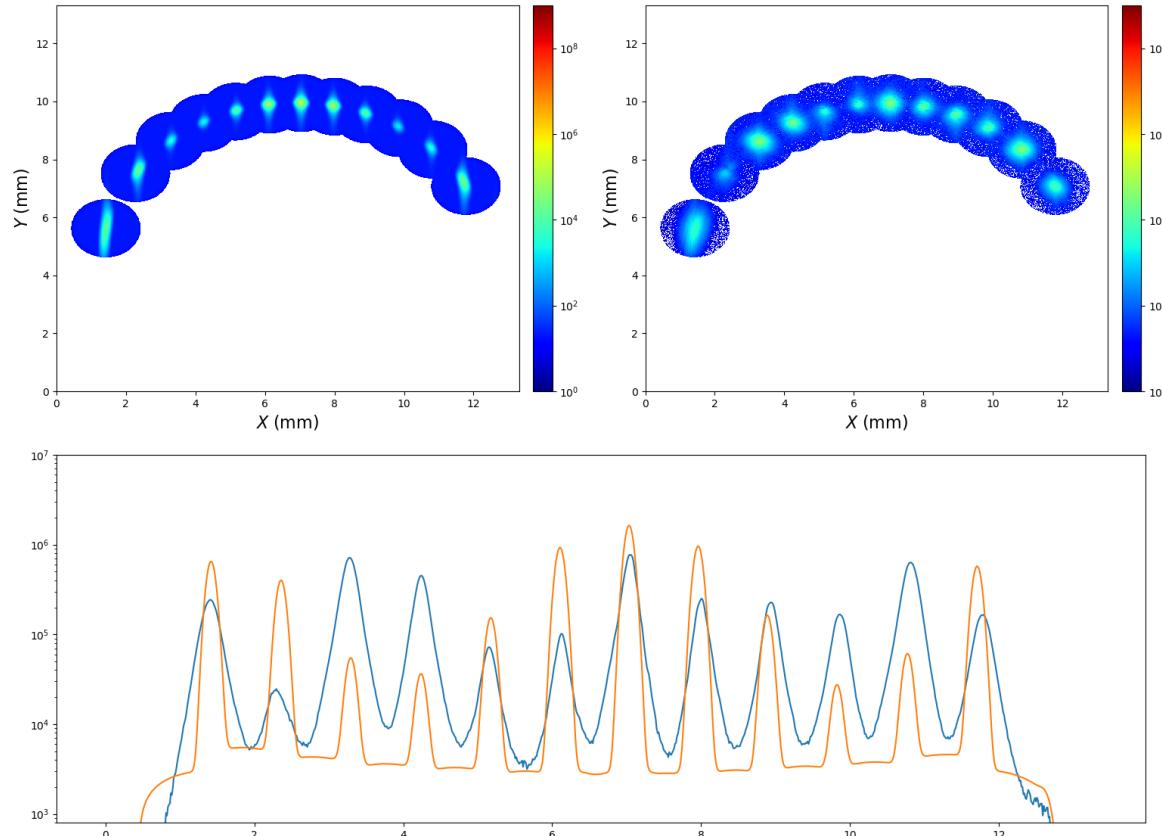
Grating spherical r0

```
{  
    "builder": "SphericalSymGrating",  
    "grating_period": 834.2,  
    "grating_central_part": 400.0,  
    "length": 10000,  
    "r_sigma": 25.0,  
    "r_hurst": 1.0,  
    "r_corr": 20.0,  
    "surface_density": 0.004,  
    "nslices": 101,  
    "r0": 225.6,  
    "r0_height": 116.0,  
    "r1": 372.0,  
    "bulk": 394.2,  
    "interf": {  
        "type": "idlattice",  
        "decay_type": "gauss",  
        "decay_length": 2500,  
        "variance": 0.1  
    }  
}
```



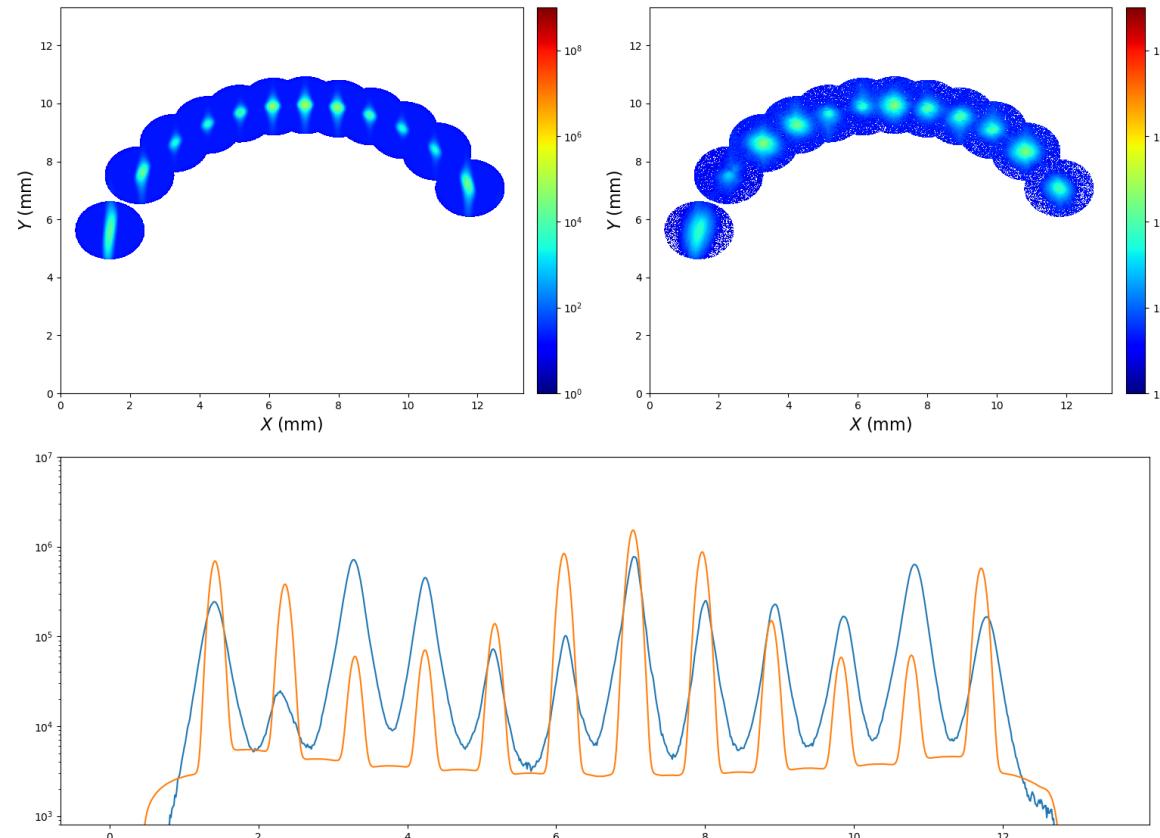
Grating spherical r0

```
{  
    "builder": "SphericalSymGrating",  
    "grating_period": 834.2,  
    "grating_central_part": 400.0,  
    "length": 10000,  
    "r_sigma": 25.0,  
    "r_hurst": 1.0,  
    "r_corr": 20.0,  
    "surface_density": 0.004,  
    "nslices": 101,  
    "r0": 225.6,  
    "r0_height": 120.0,  
    "r1": 372.0,  
    "bulk": 394.2,  
    "interf": {  
        "type": "idlattice",  
        "decay_type": "gauss",  
        "decay_length": 2500,  
        "variance": 0.1  
    }  
}
```



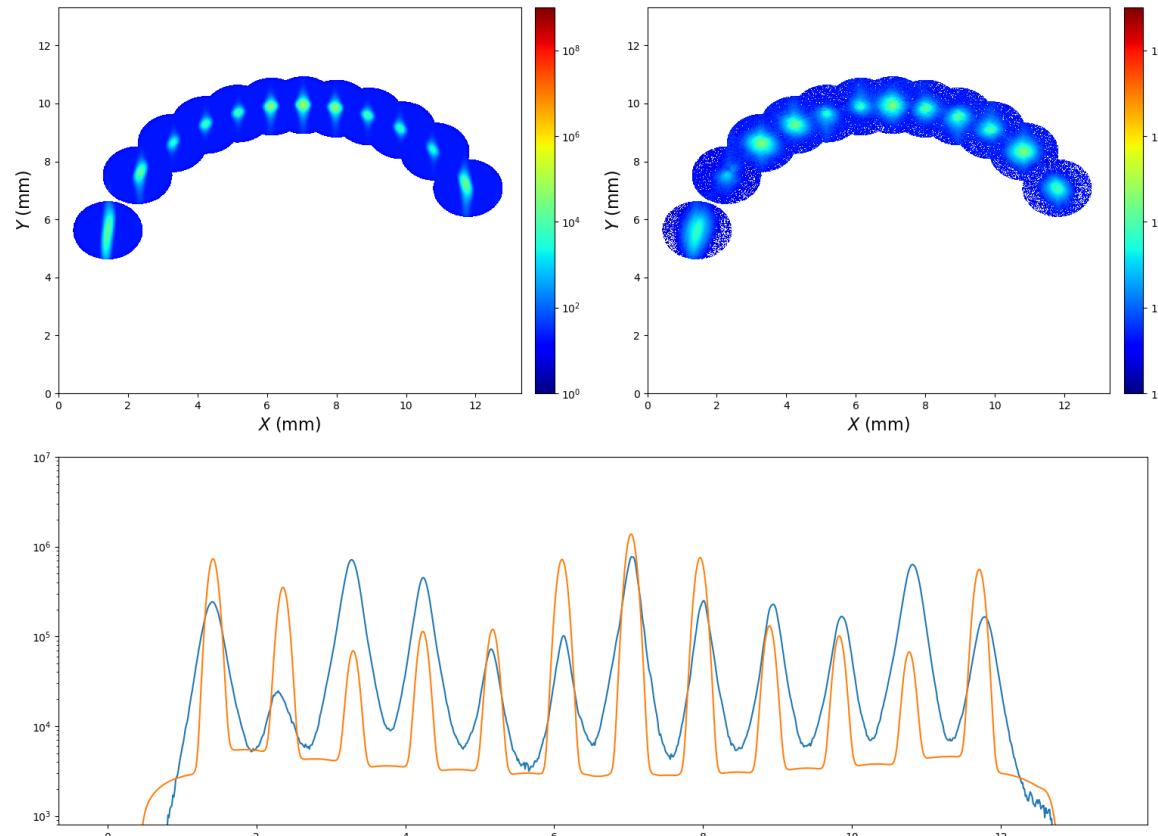
Grating spherical r0

```
{  
    "builder": "SphericalSymGrating",  
    "grating_period": 834.2,  
    "grating_central_part": 400.0,  
    "length": 10000,  
    "r_sigma": 25.0,  
    "r_hurst": 1.0,  
    "r_corr": 20.0,  
    "surface_density": 0.004,  
    "nslices": 101,  
    "r0": 225.6,  
    "r0_height": 124.0,  
    "r1": 372.0,  
    "bulk": 394.2,  
    "interf": {  
        "type": "idlattice",  
        "decay_type": "gauss",  
        "decay_length": 2500,  
        "variance": 0.1  
    }  
}
```



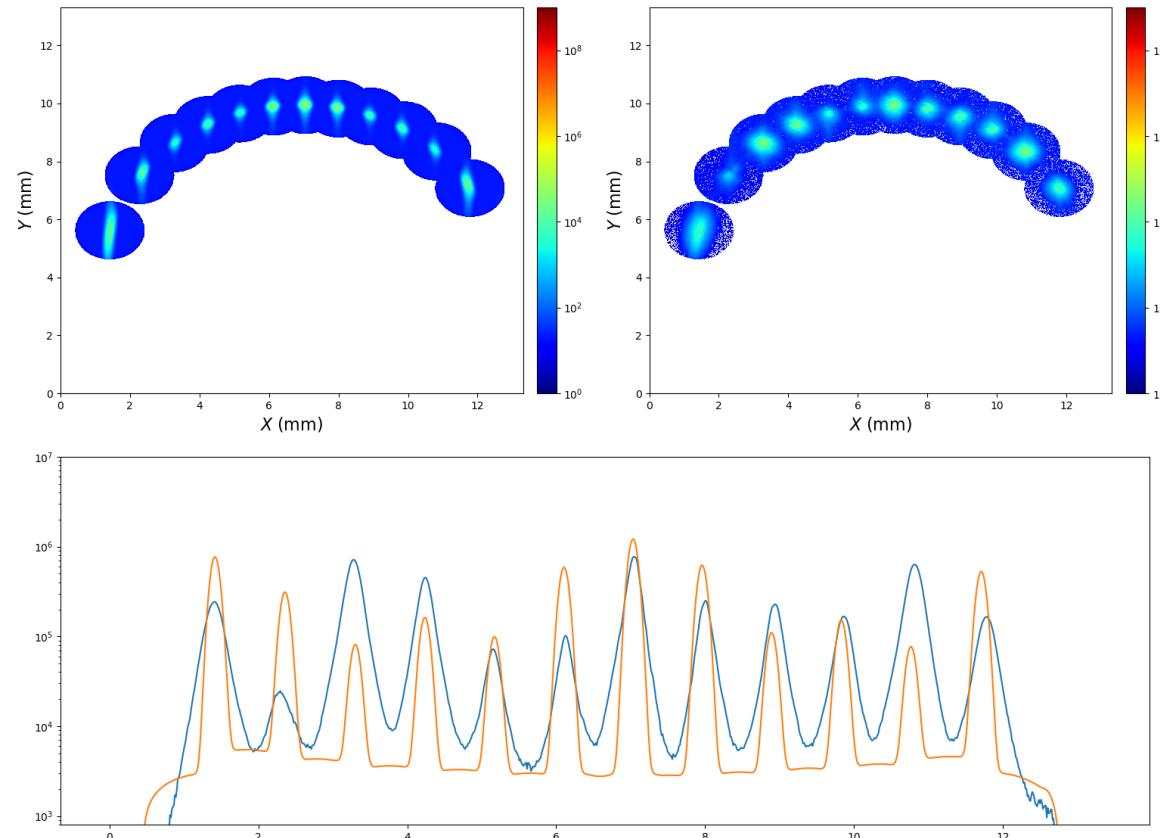
Grating spherical r0

```
{  
    "builder": "SphericalSymGrating",  
    "grating_period": 834.2,  
    "grating_central_part": 400.0,  
    "length": 10000,  
    "r_sigma": 25.0,  
    "r_hurst": 1.0,  
    "r_corr": 20.0,  
    "surface_density": 0.004,  
    "nslices": 101,  
    "r0": 225.6,  
    "r0_height": 128.0,  
    "r1": 372.0,  
    "bulk": 394.2,  
    "interf": {  
        "type": "idlattice",  
        "decay_type": "gauss",  
        "decay_length": 2500,  
        "variance": 0.1  
    }  
}
```



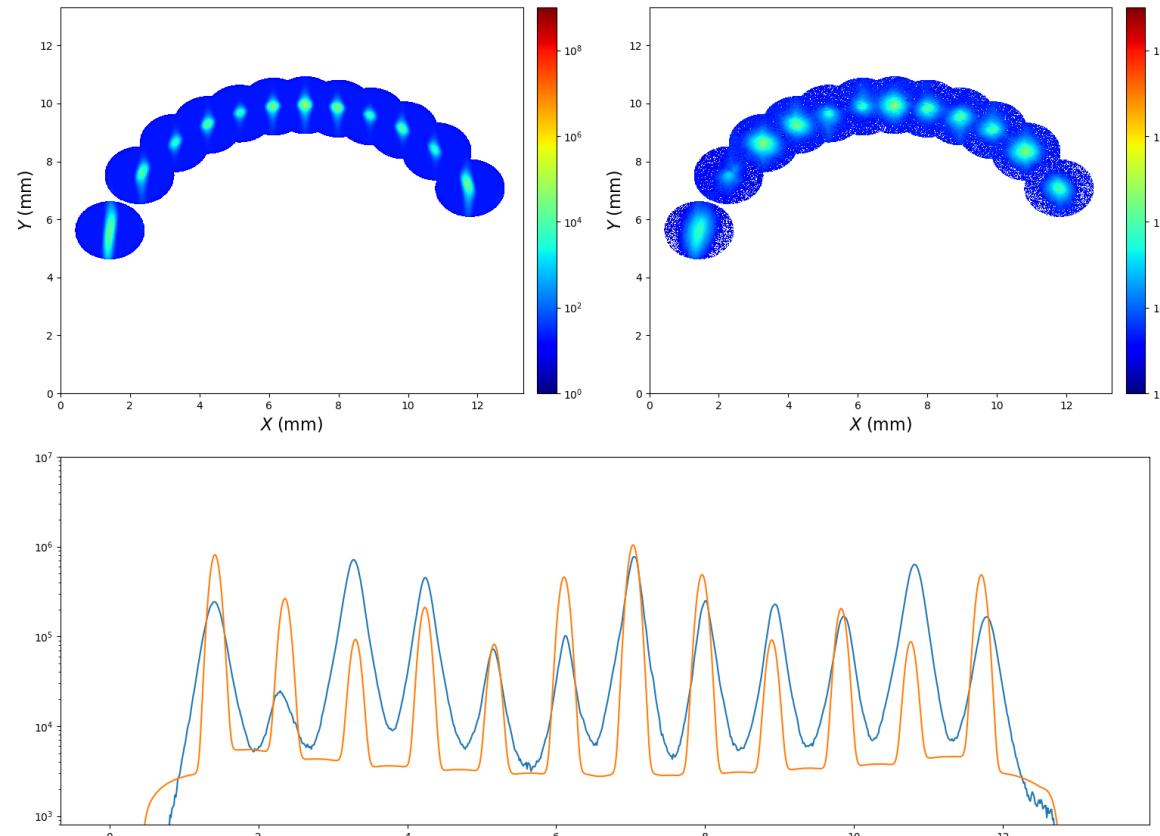
Grating spherical r0

```
{  
    "builder": "SphericalSymGrating",  
    "grating_period": 834.2,  
    "grating_central_part": 400.0,  
    "length": 10000,  
    "r_sigma": 25.0,  
    "r_hurst": 1.0,  
    "r_corr": 20.0,  
    "surface_density": 0.004,  
    "nslices": 101,  
    "r0": 225.6,  
    "r0_height": 132.0,  
    "r1": 372.0,  
    "bulk": 394.2,  
    "interf": {  
        "type": "idlattice",  
        "decay_type": "gauss",  
        "decay_length": 2500,  
        "variance": 0.1  
    }  
}
```



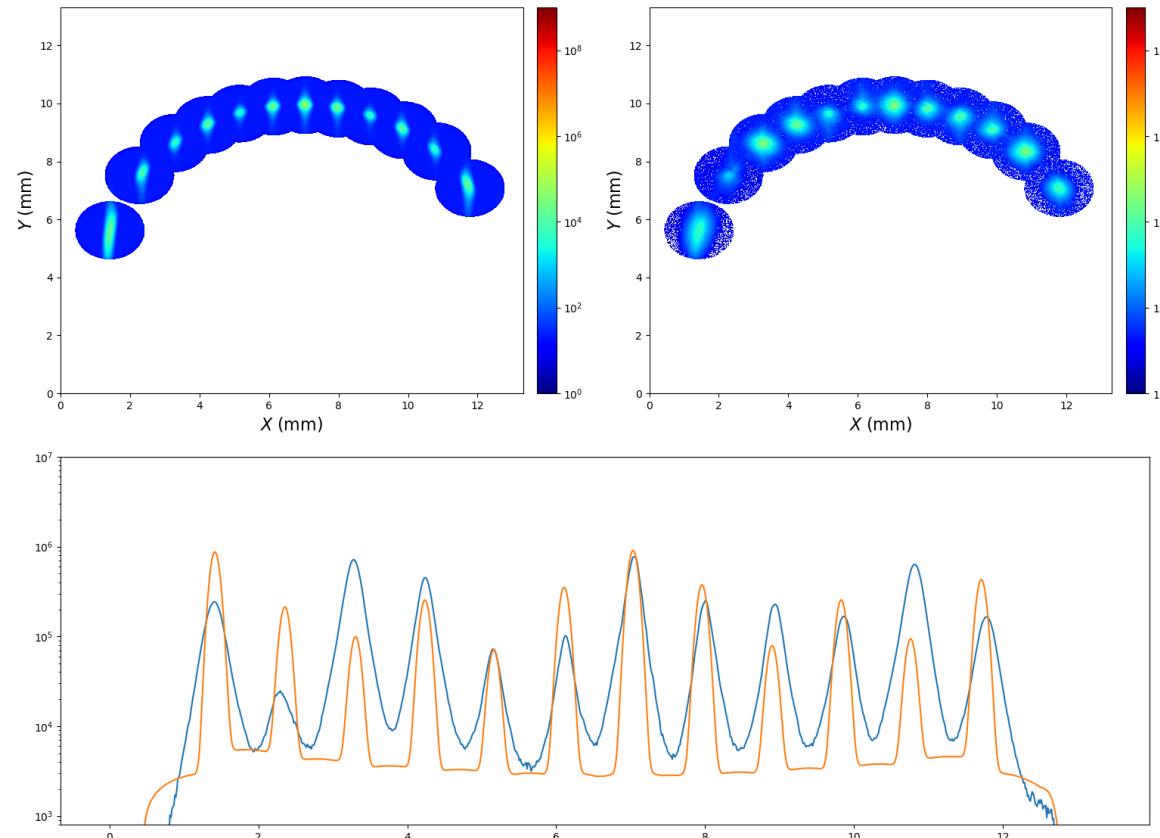
Grating spherical r0

```
{  
    "builder": "SphericalSymGrating",  
    "grating_period": 834.2,  
    "grating_central_part": 400.0,  
    "length": 10000,  
    "r_sigma": 25.0,  
    "r_hurst": 1.0,  
    "r_corr": 20.0,  
    "surface_density": 0.004,  
    "nslices": 101,  
    "r0": 225.6,  
    "r0_height": 136.0,  
    "r1": 372.0,  
    "bulk": 394.2,  
    "interf": {  
        "type": "idlattice",  
        "decay_type": "gauss",  
        "decay_length": 2500,  
        "variance": 0.1  
    }  
}
```



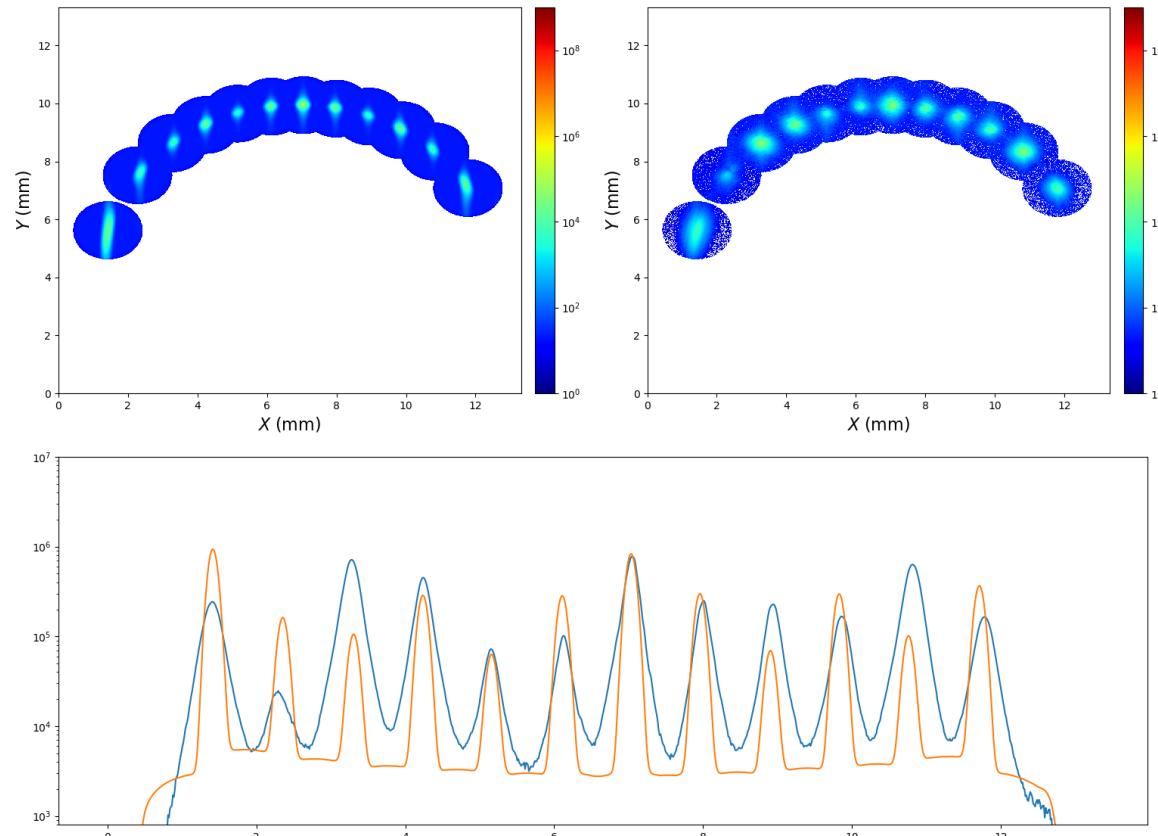
Grating spherical r0

```
{  
    "builder": "SphericalSymGrating",  
    "grating_period": 834.2,  
    "grating_central_part": 400.0,  
    "length": 10000,  
    "r_sigma": 25.0,  
    "r_hurst": 1.0,  
    "r_corr": 20.0,  
    "surface_density": 0.004,  
    "nslices": 101,  
    "r0": 225.6,  
    "r0_height": 140.0,  
    "r1": 372.0,  
    "bulk": 394.2,  
    "interf": {  
        "type": "idlattice",  
        "decay_type": "gauss",  
        "decay_length": 2500,  
        "variance": 0.1  
    }  
}
```



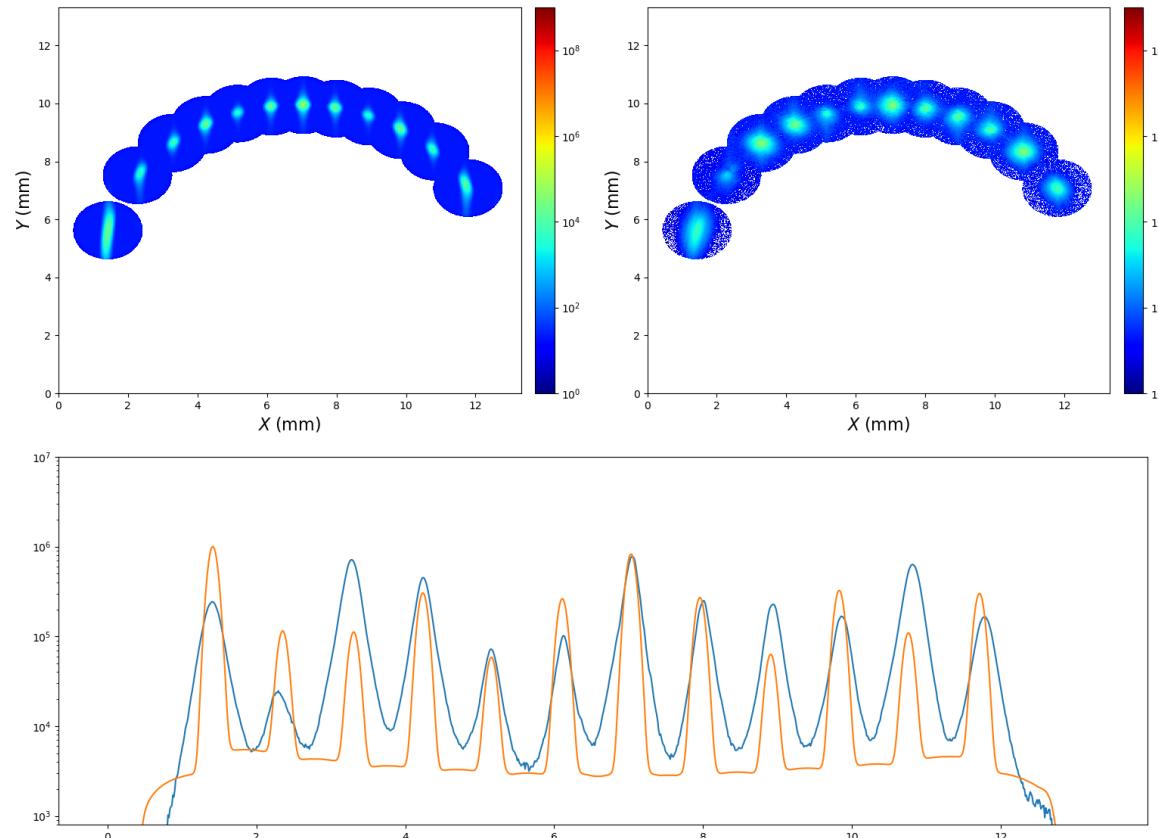
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 144.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



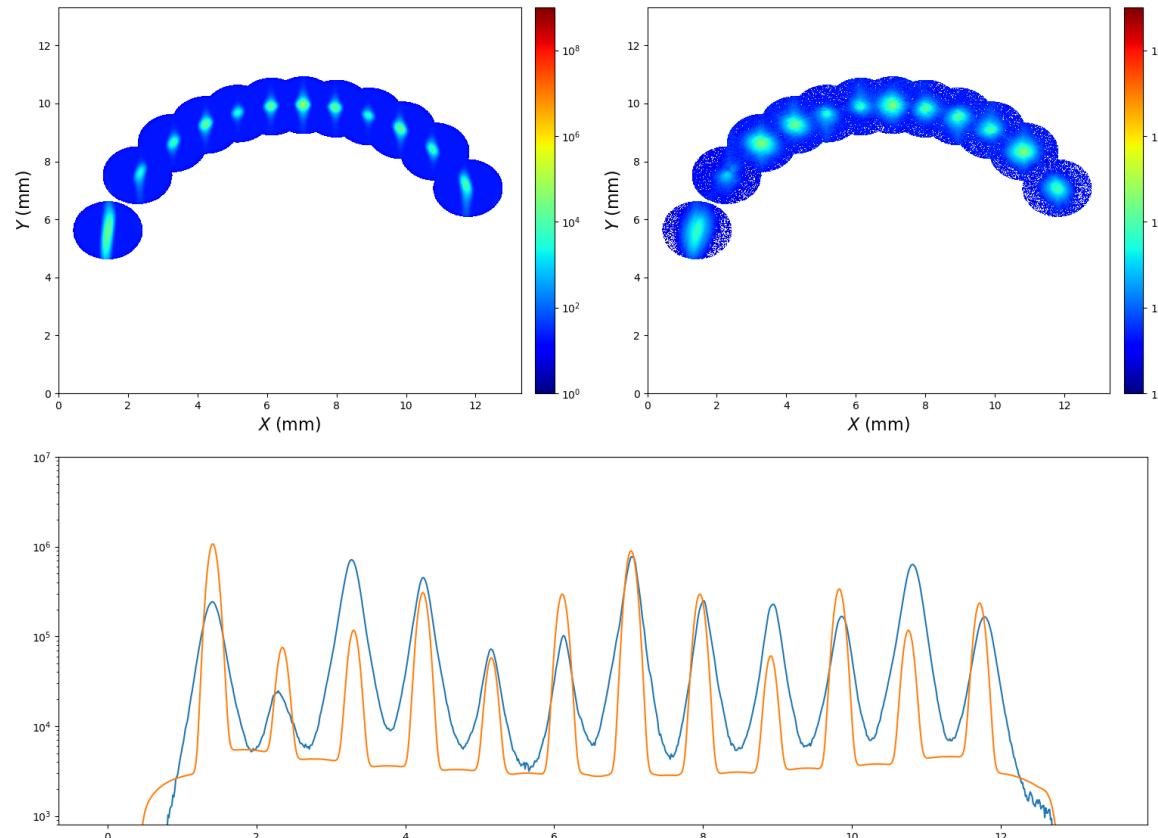
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 148.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



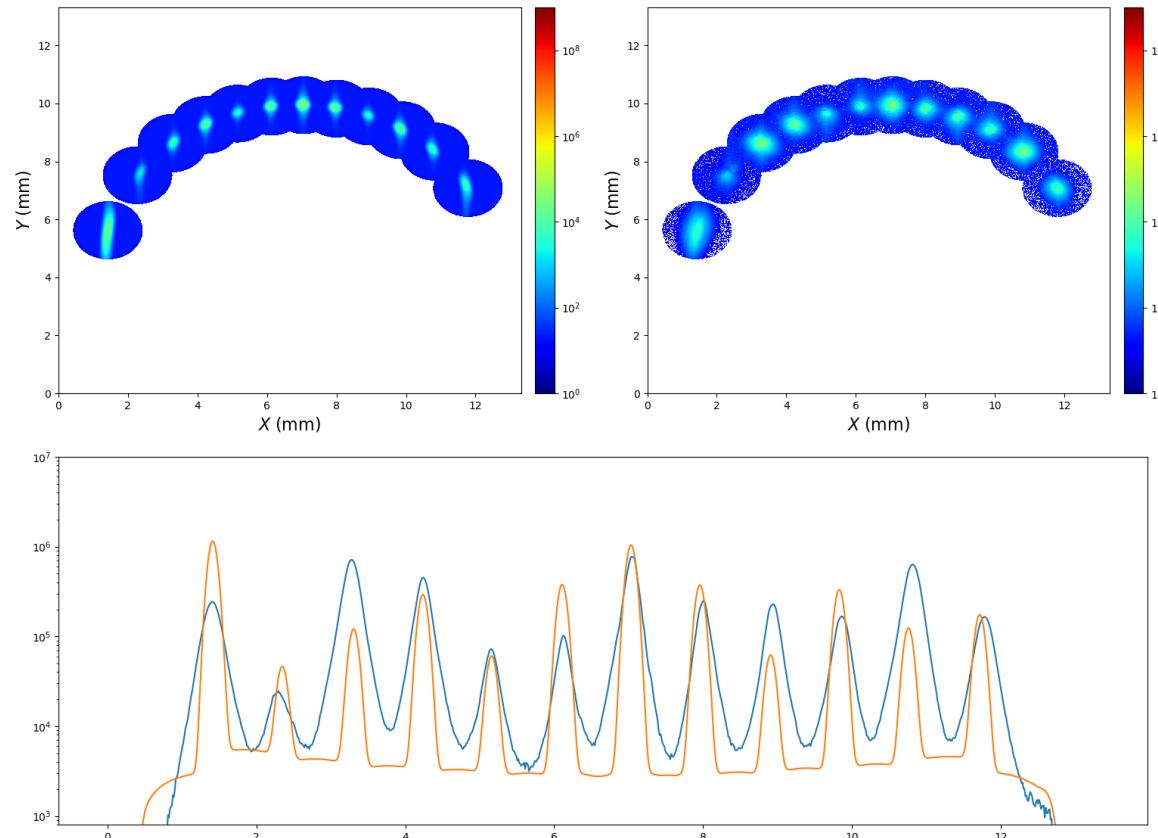
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 152.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



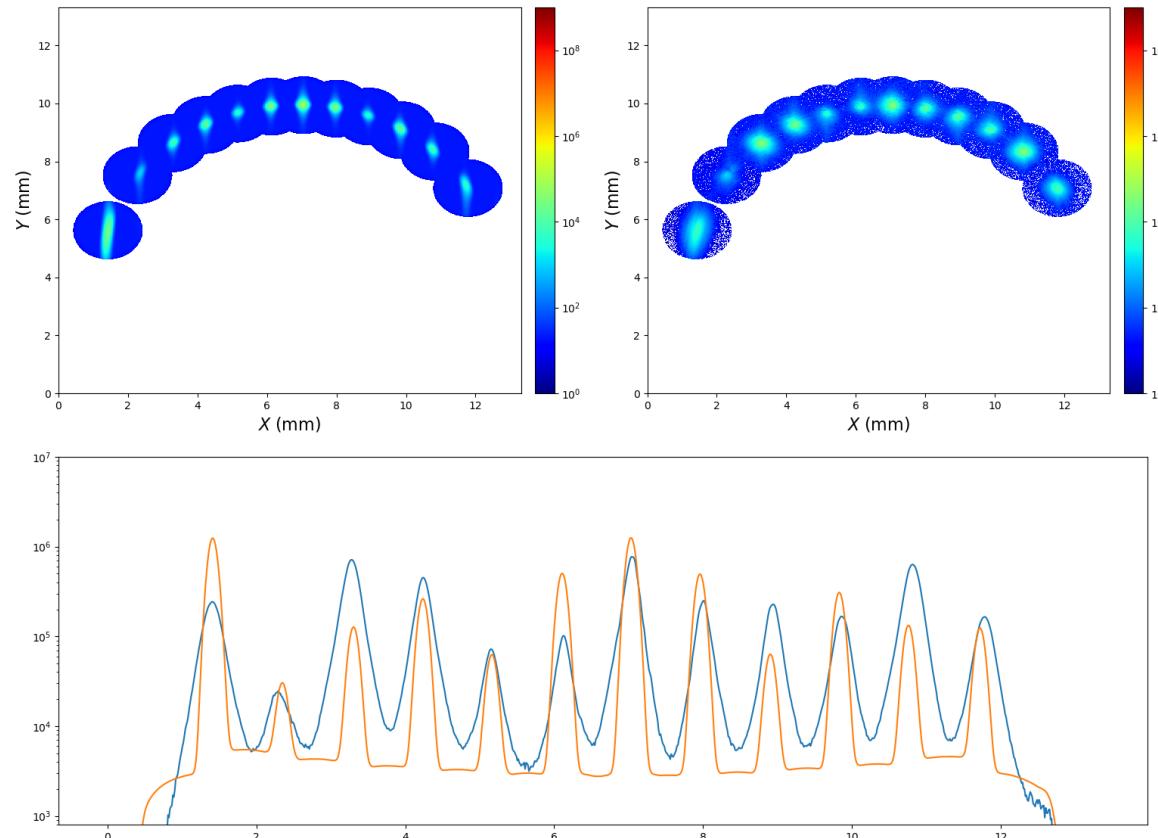
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 156.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



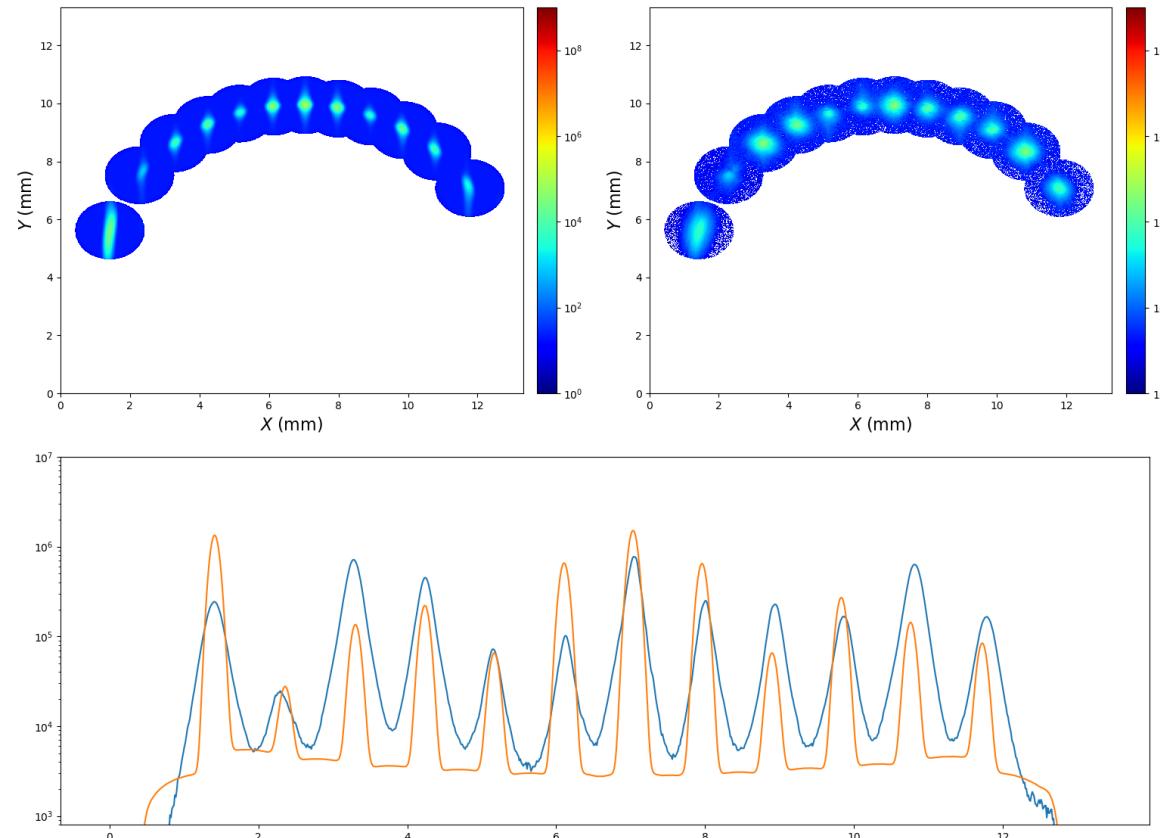
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 160.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



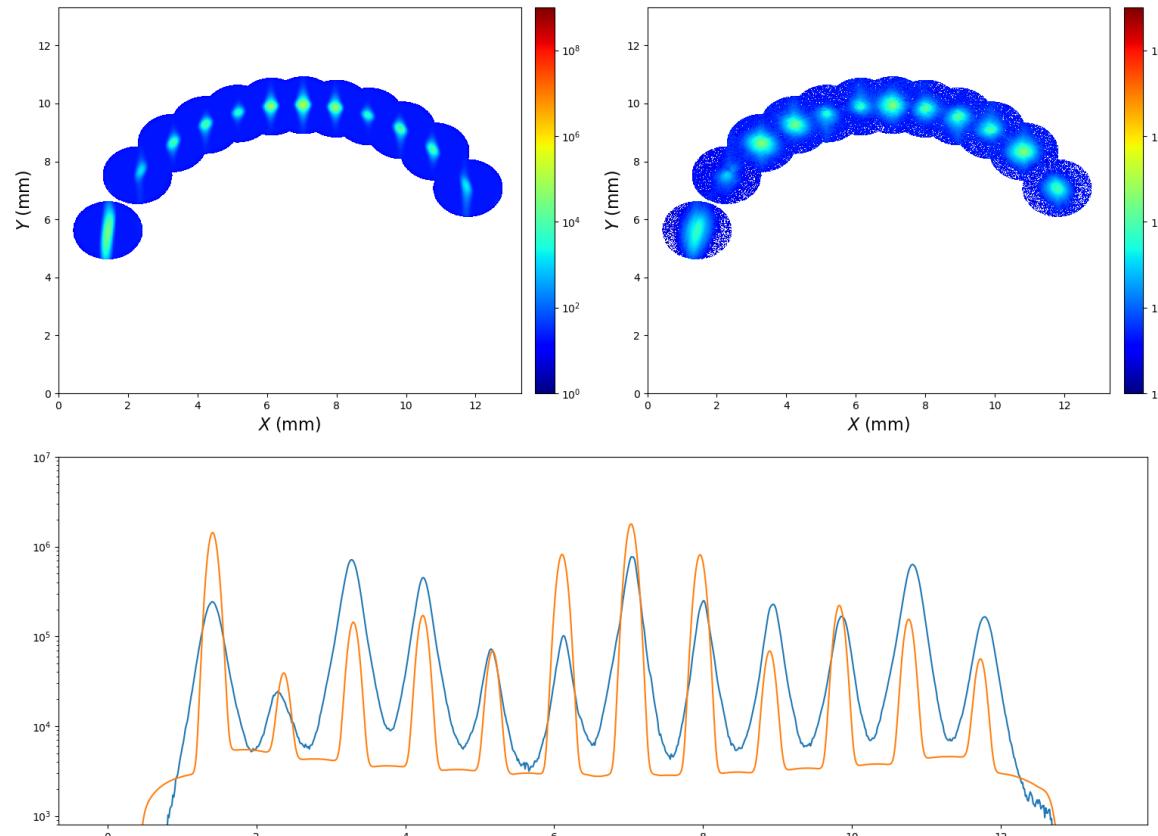
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 164.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



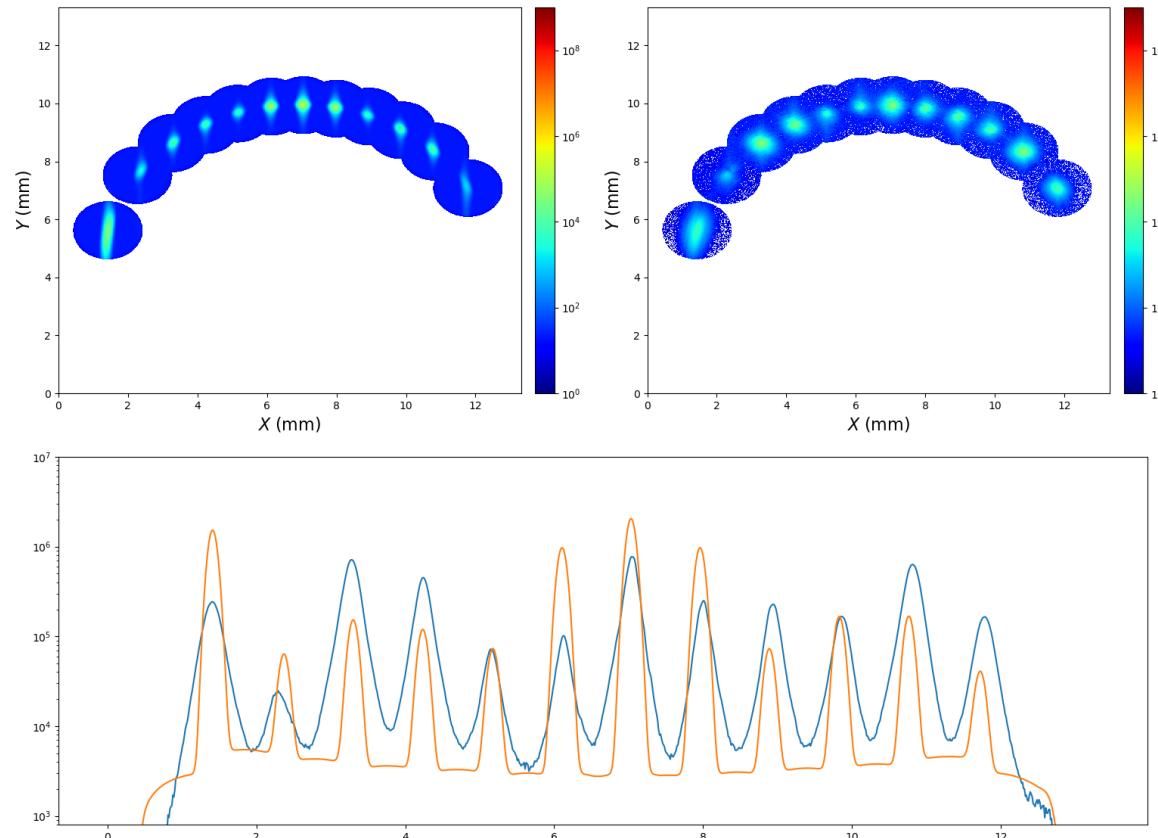
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 168.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



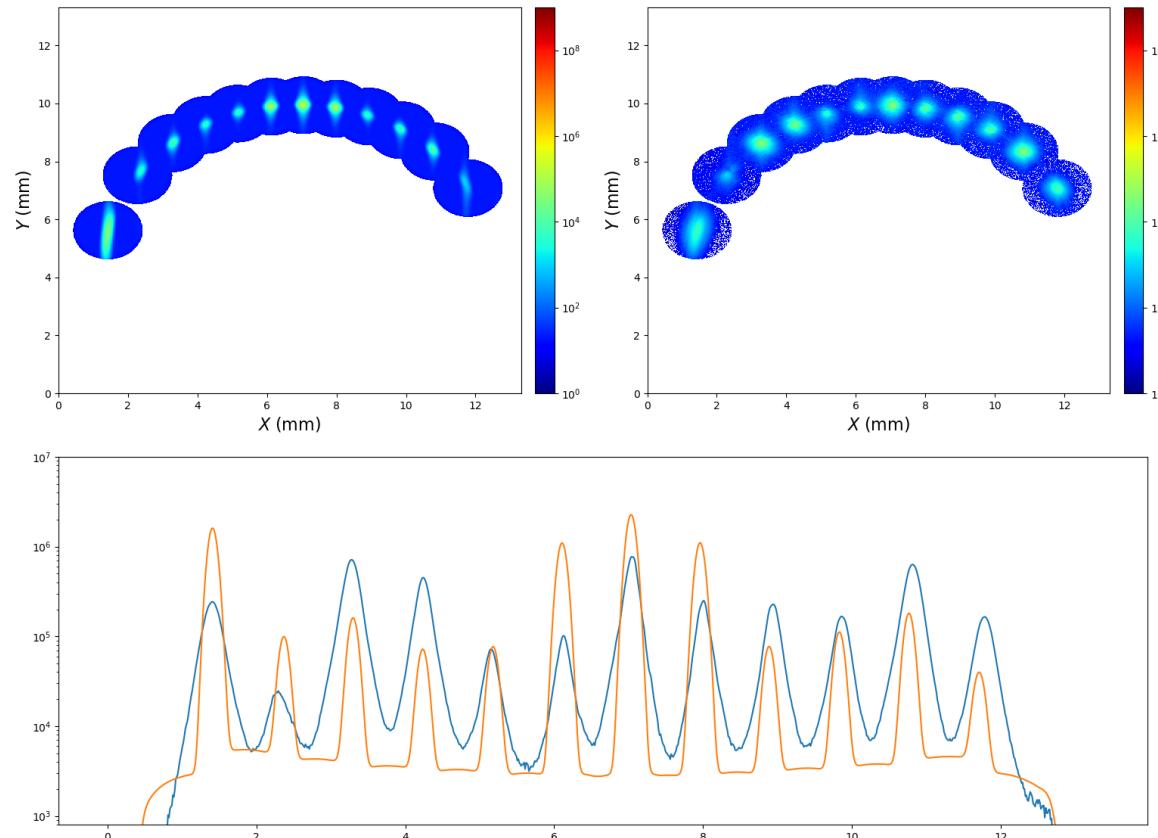
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 172.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



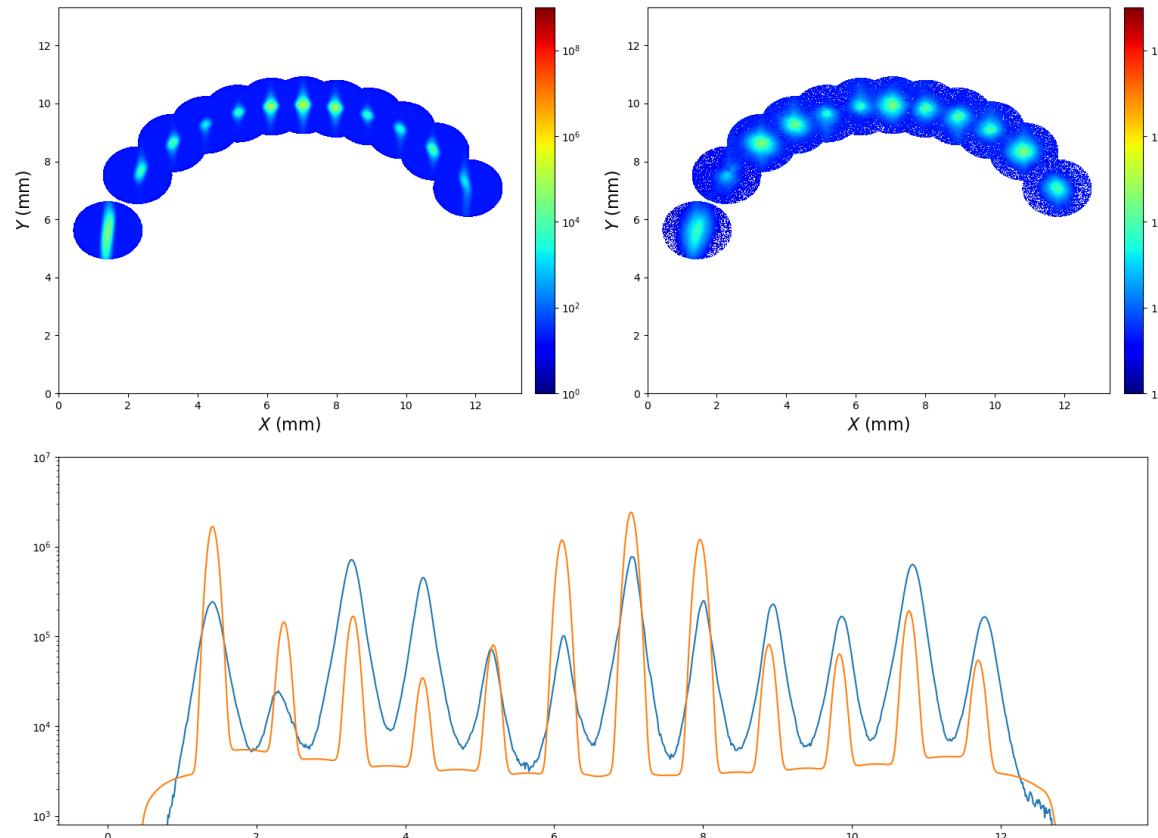
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 176.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



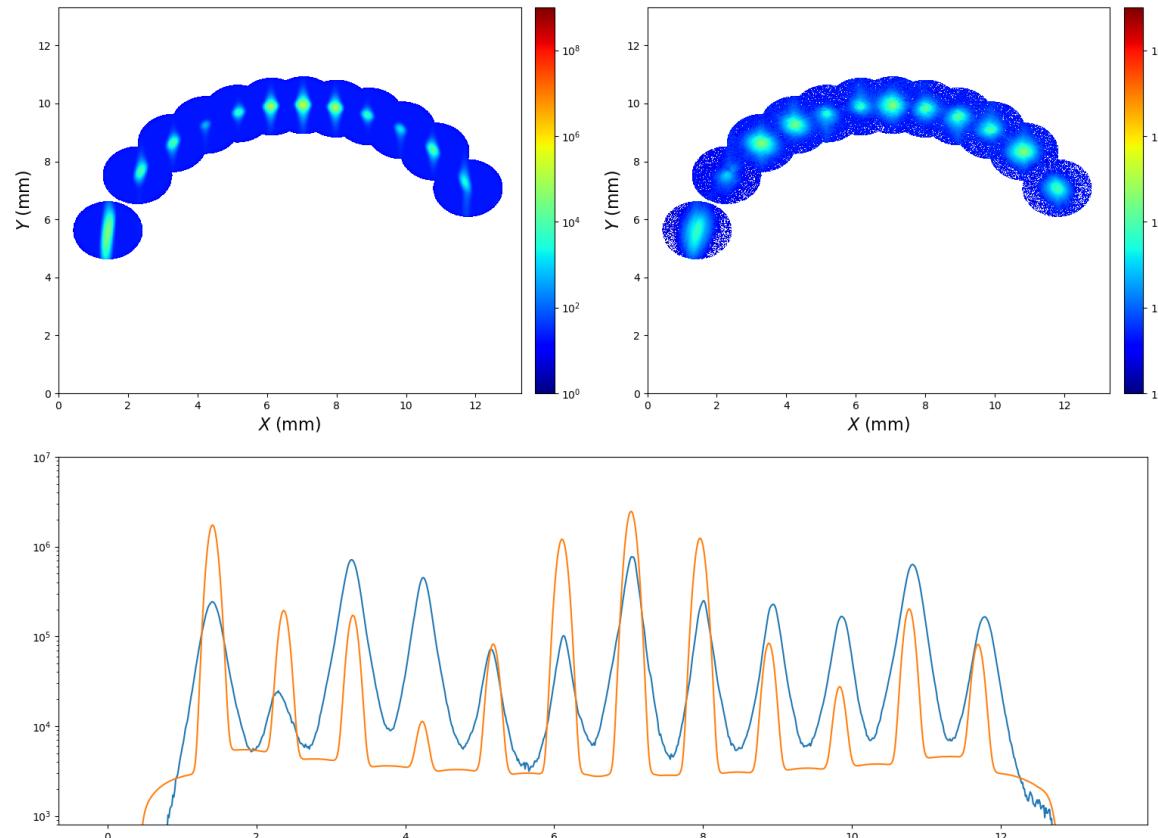
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 180.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



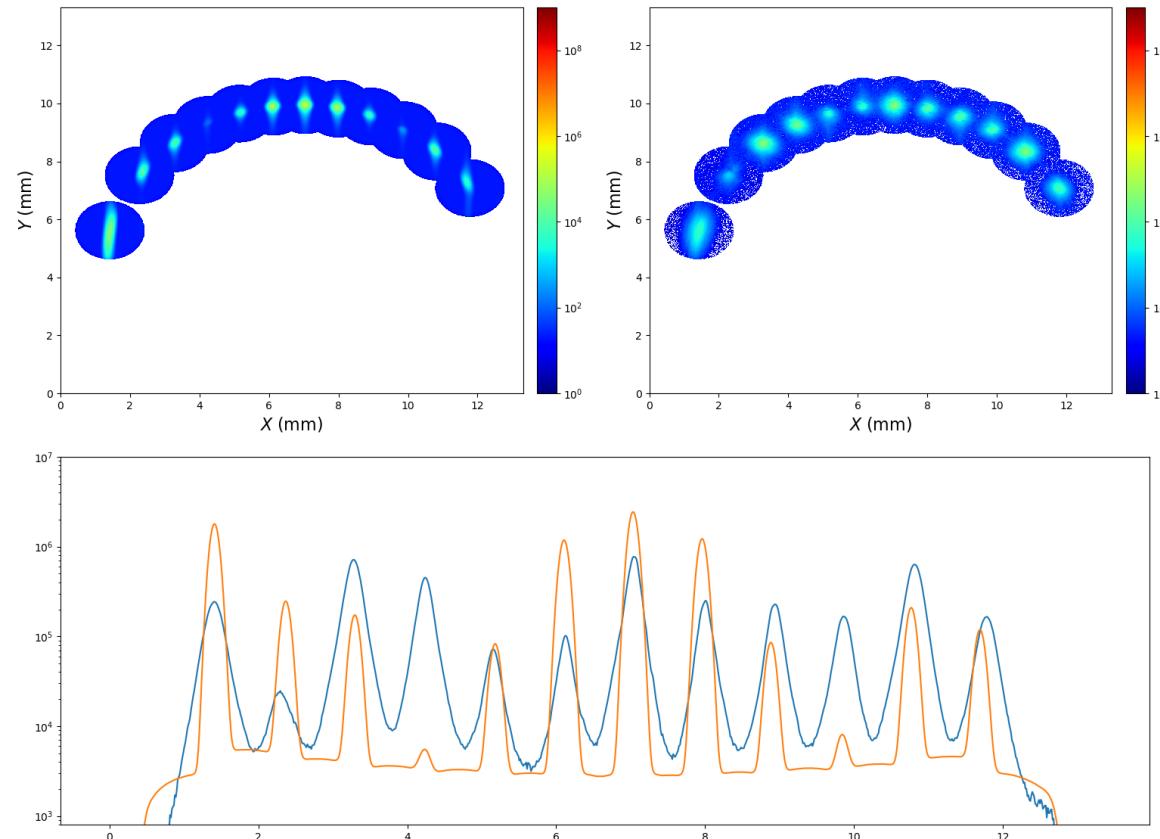
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 184.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



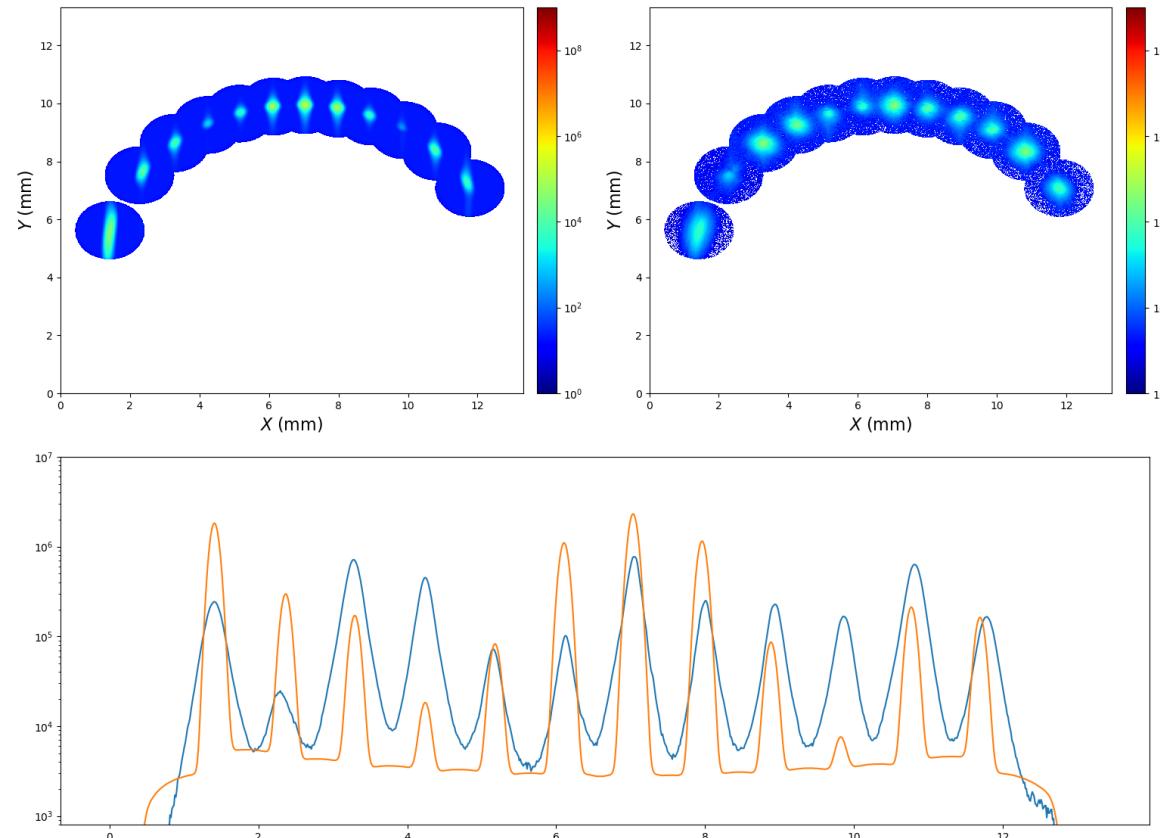
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 188.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



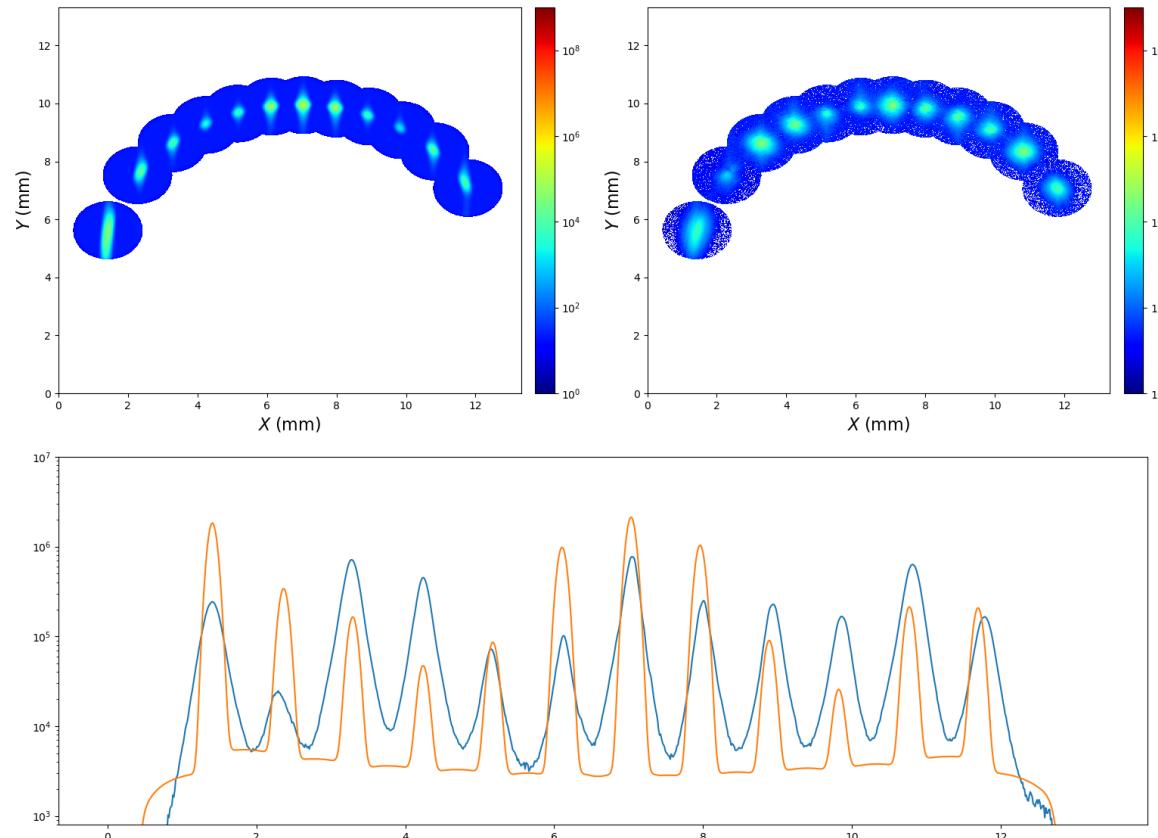
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 192.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



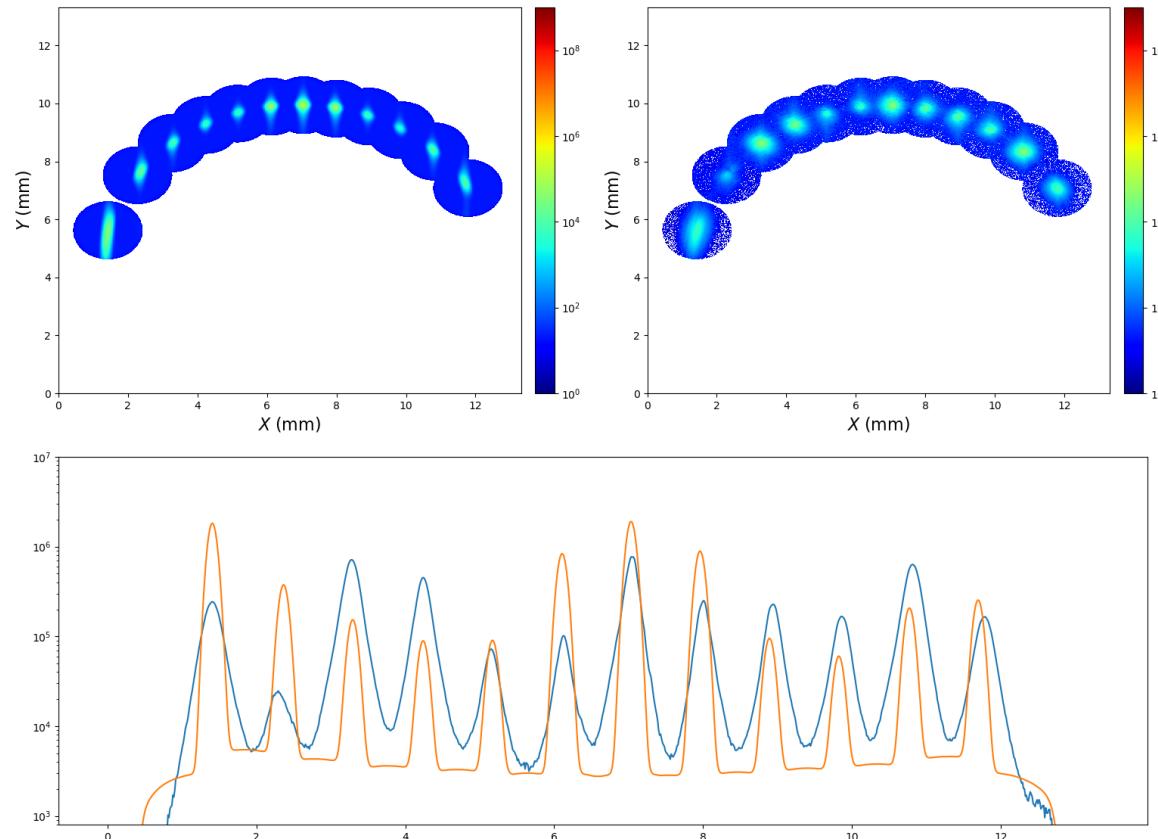
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 196.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



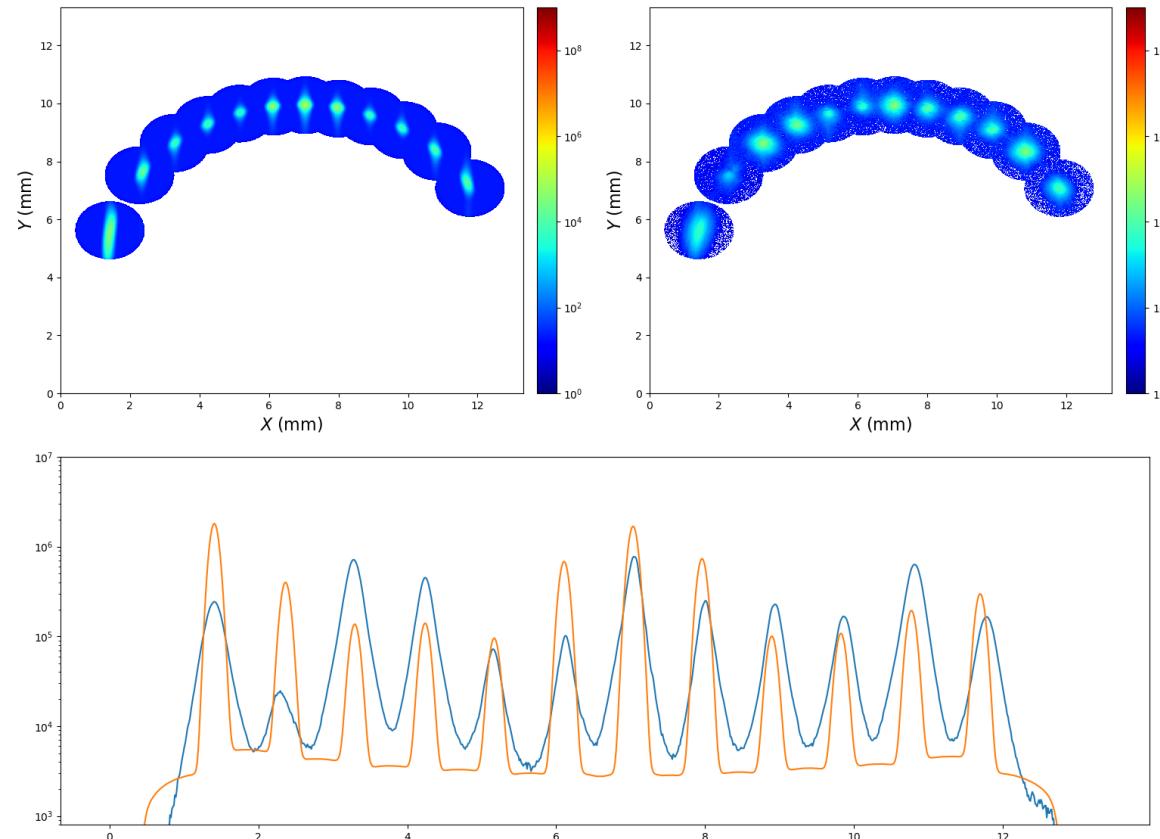
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 200.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



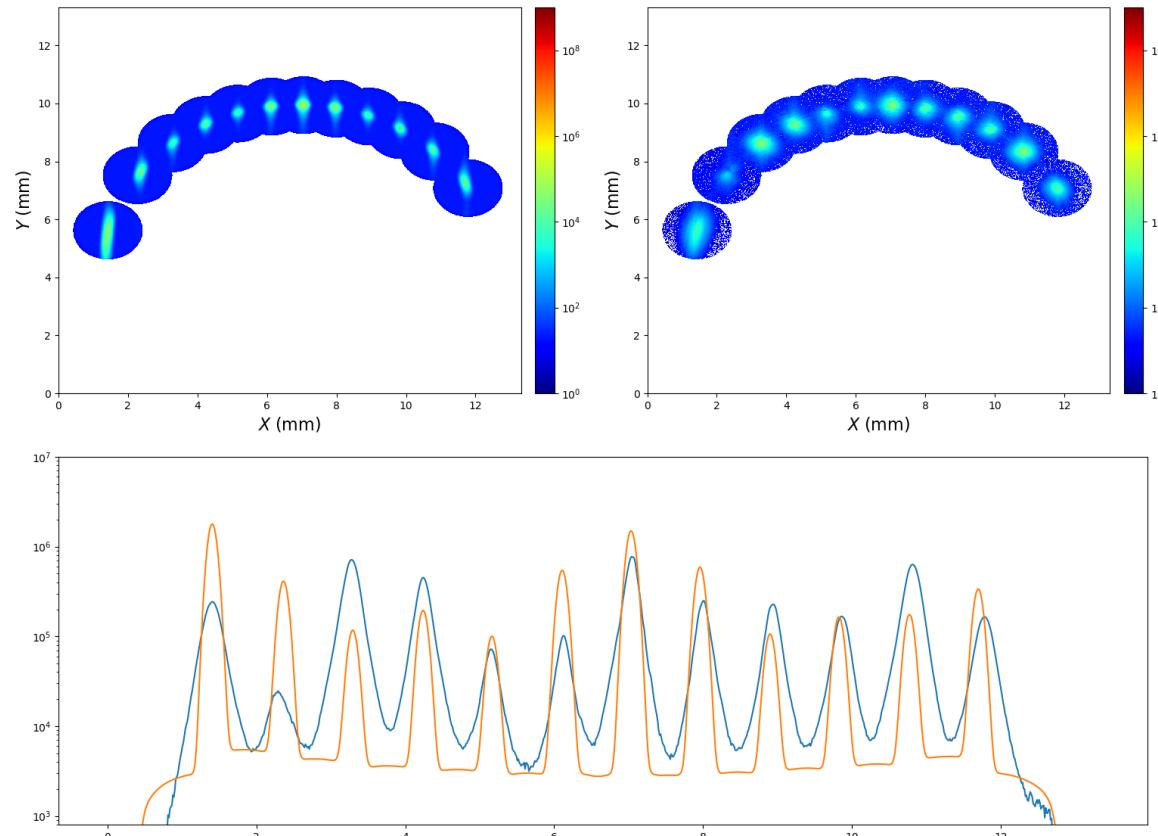
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 204.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



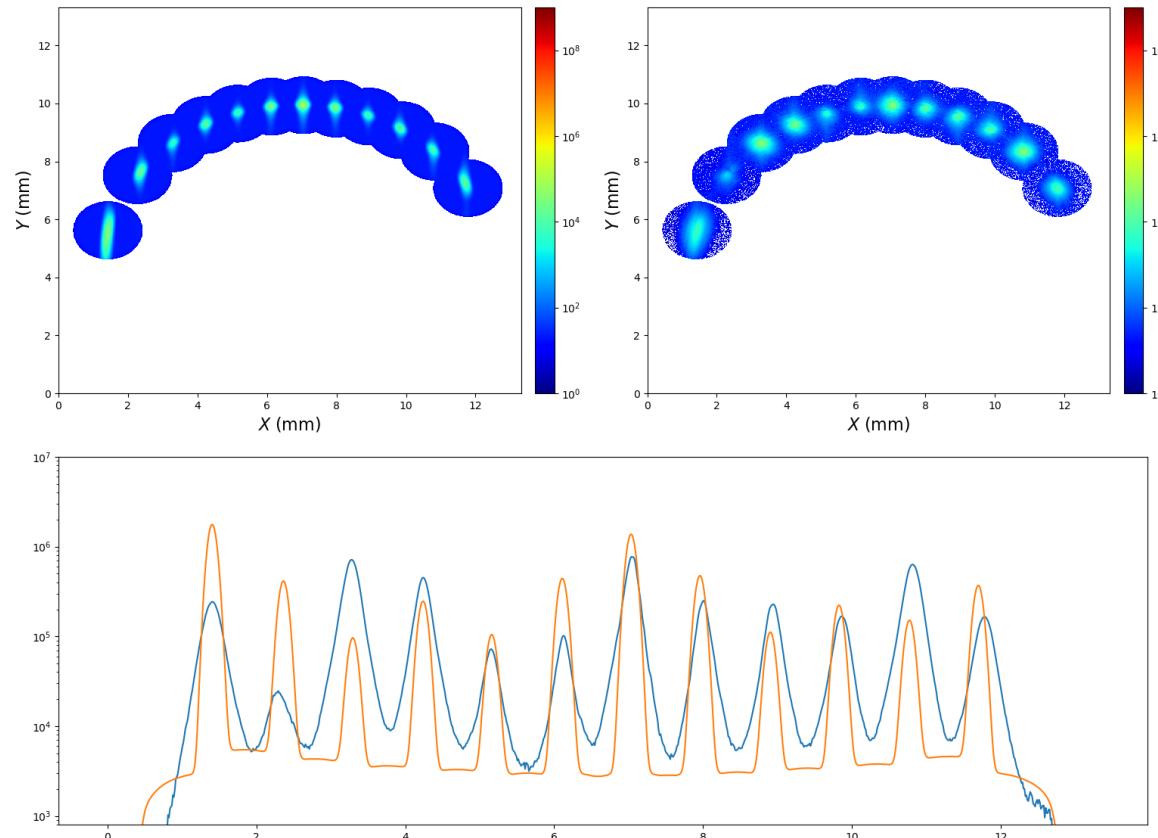
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 208.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



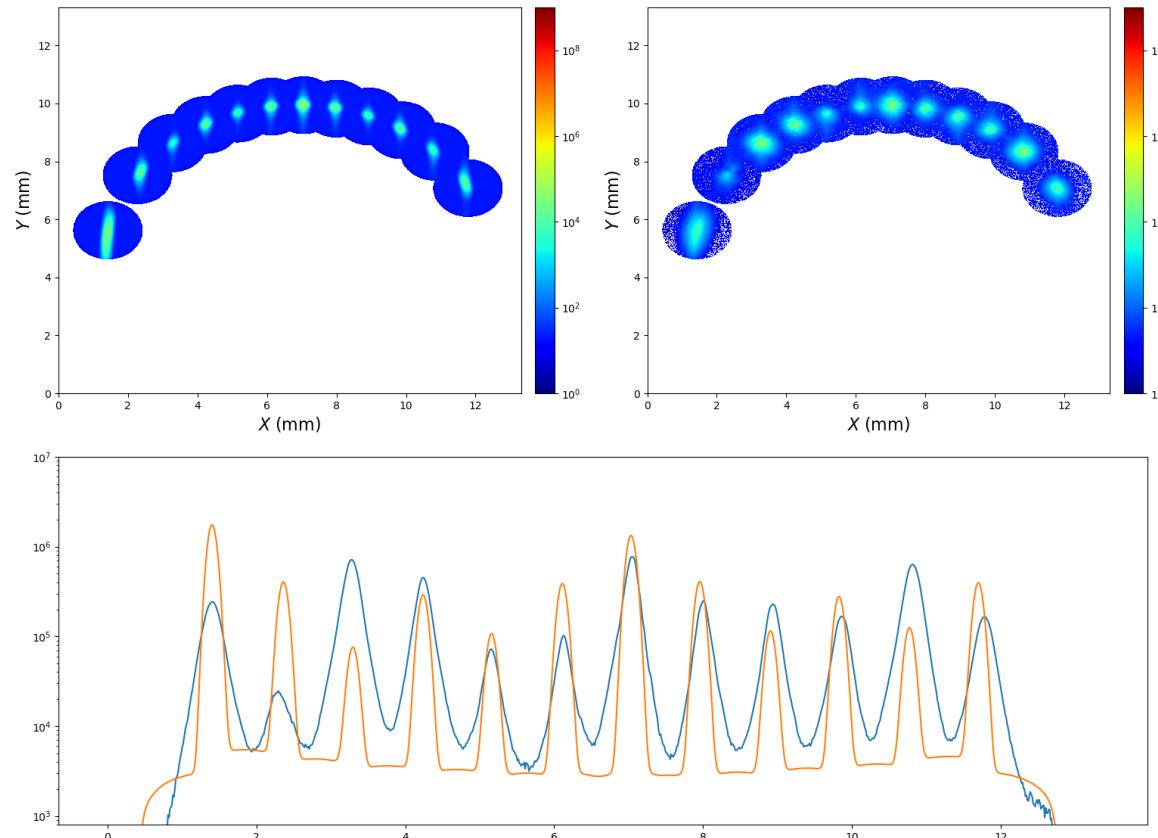
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 212.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



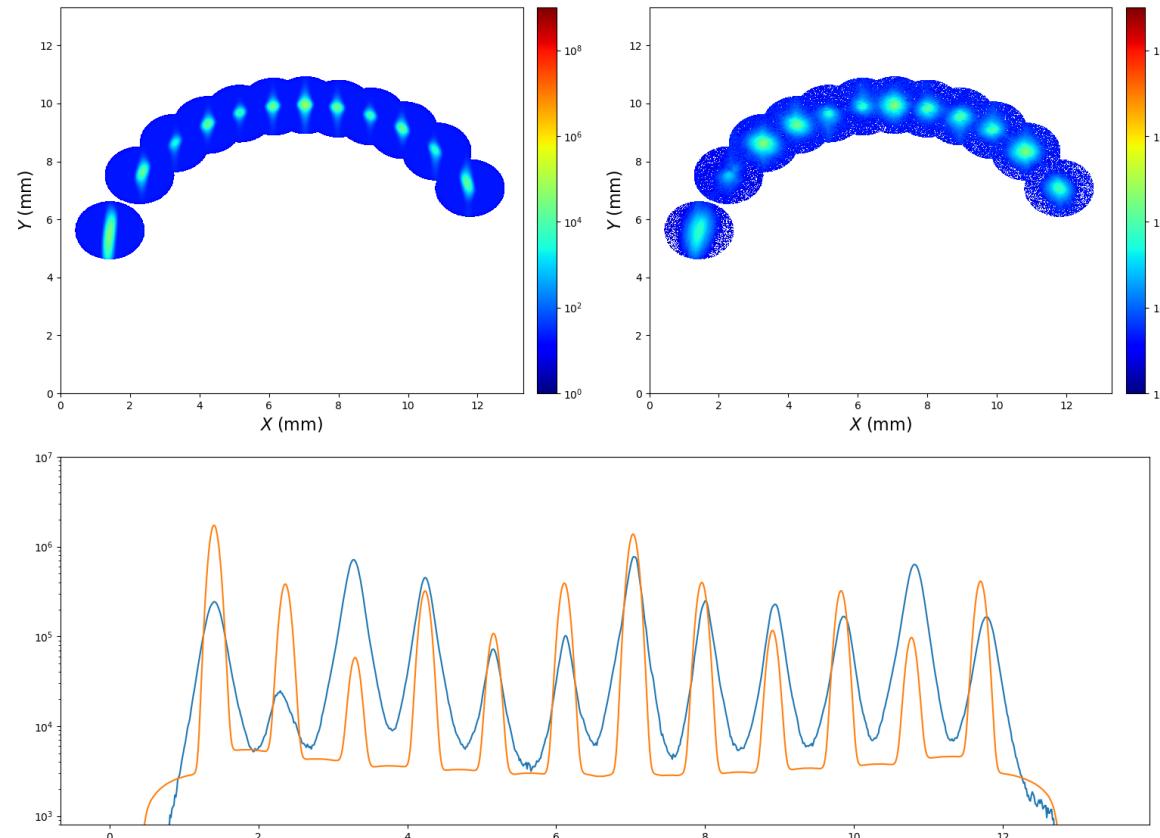
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 216.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



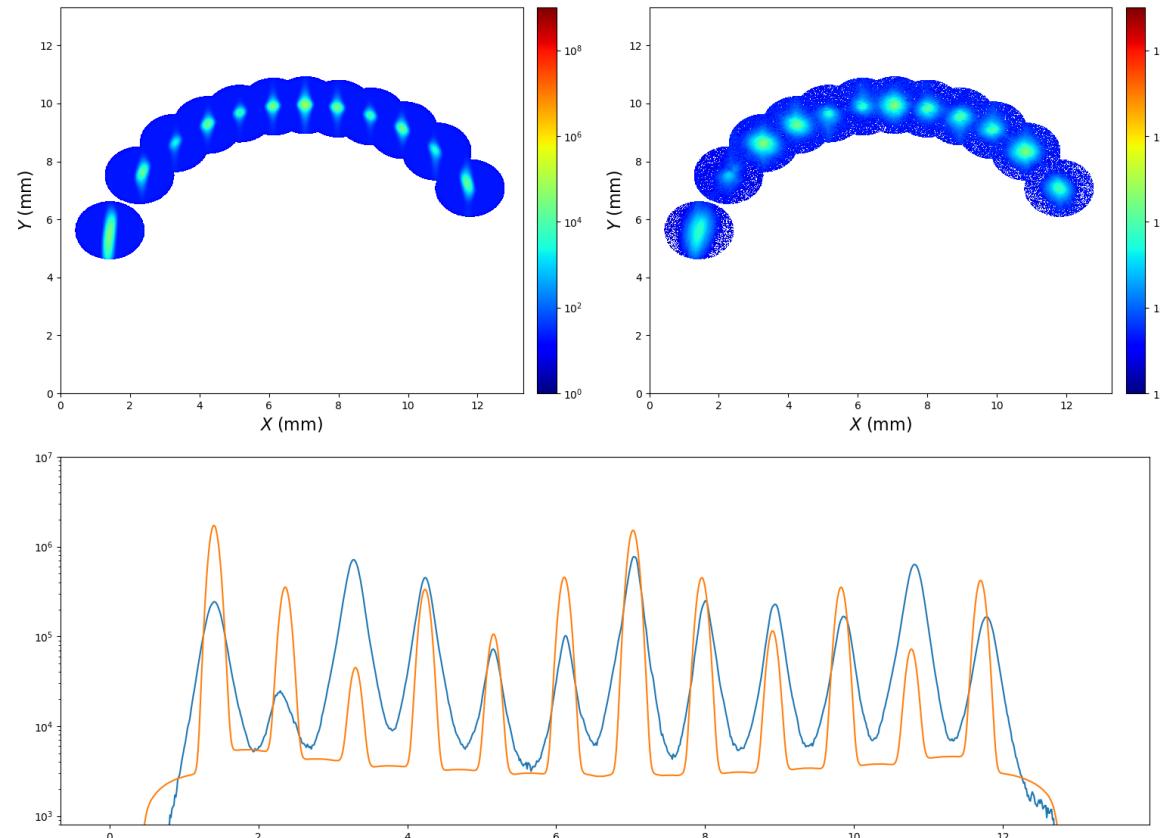
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 220.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



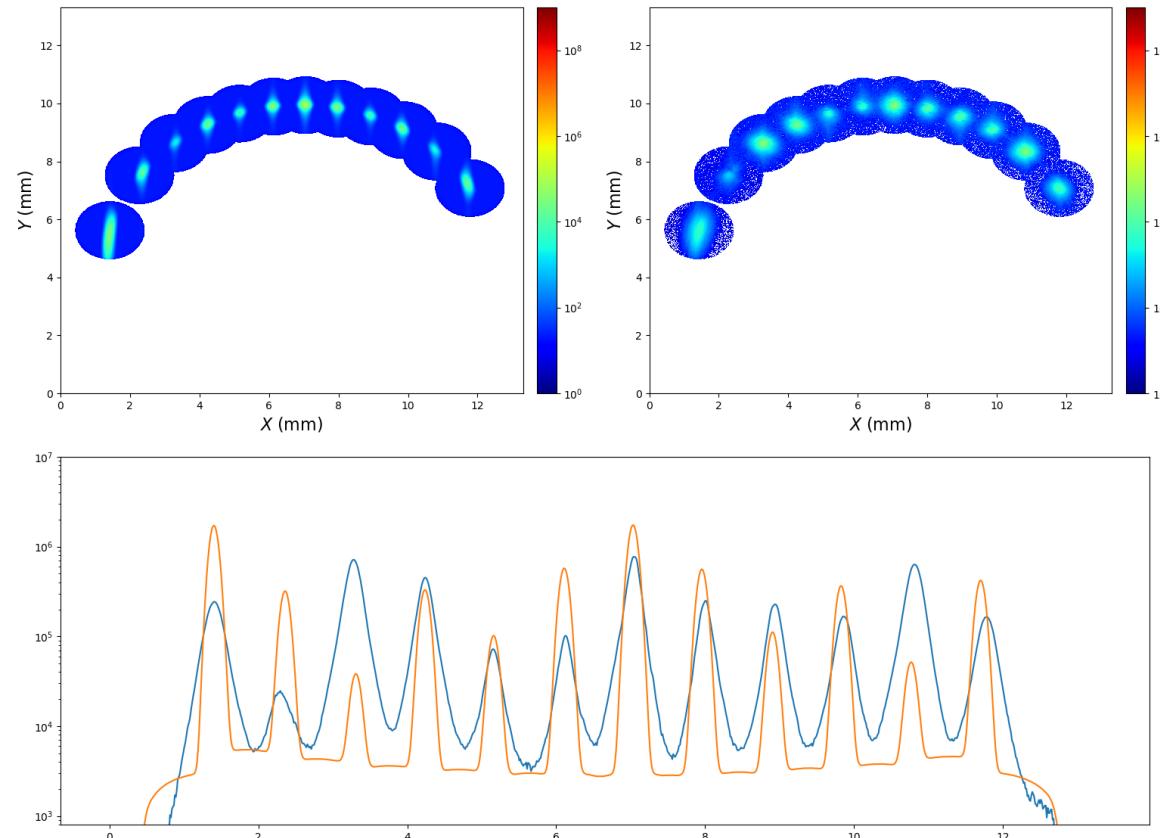
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 224.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



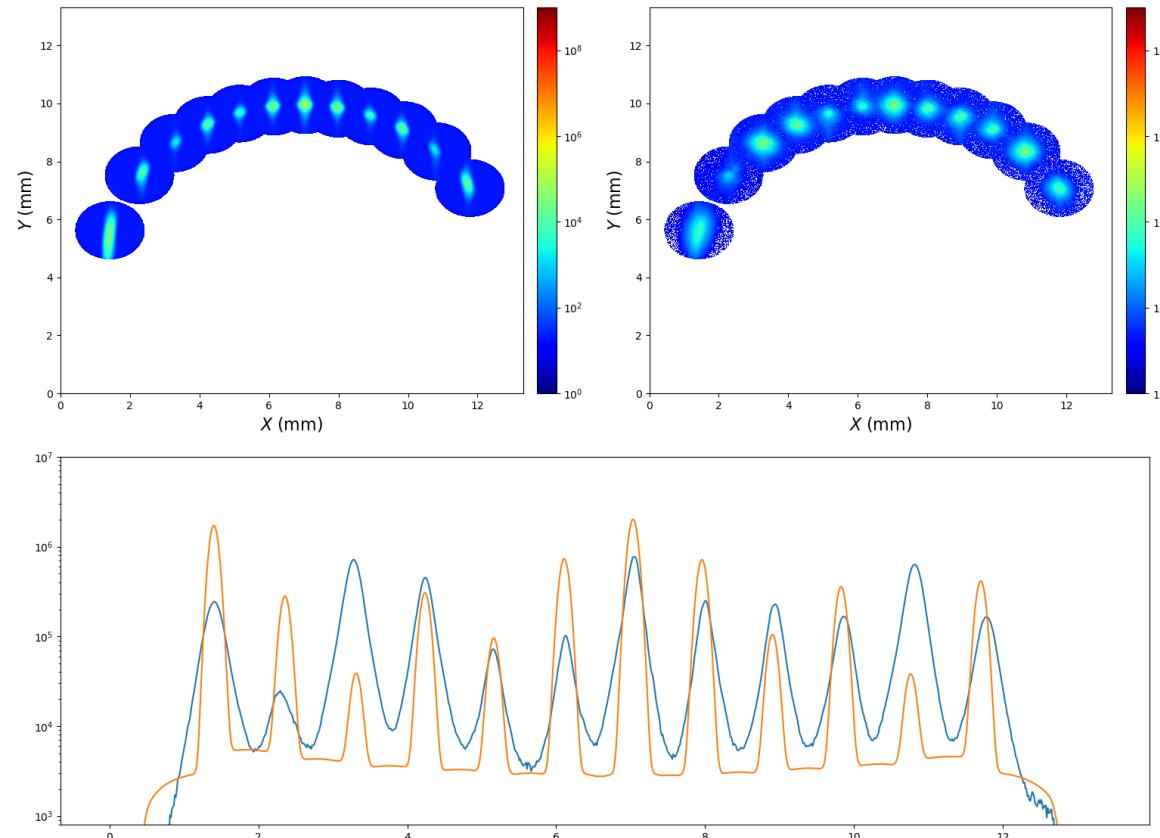
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 228.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



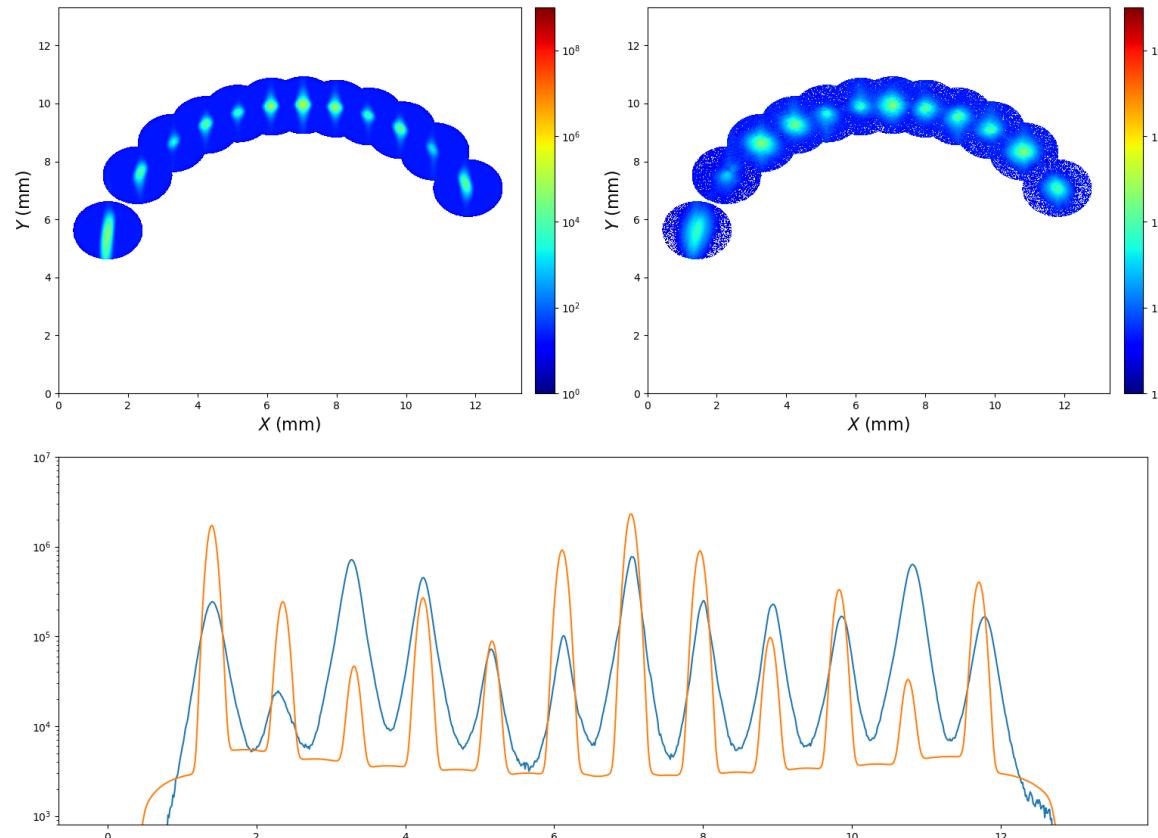
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 232.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



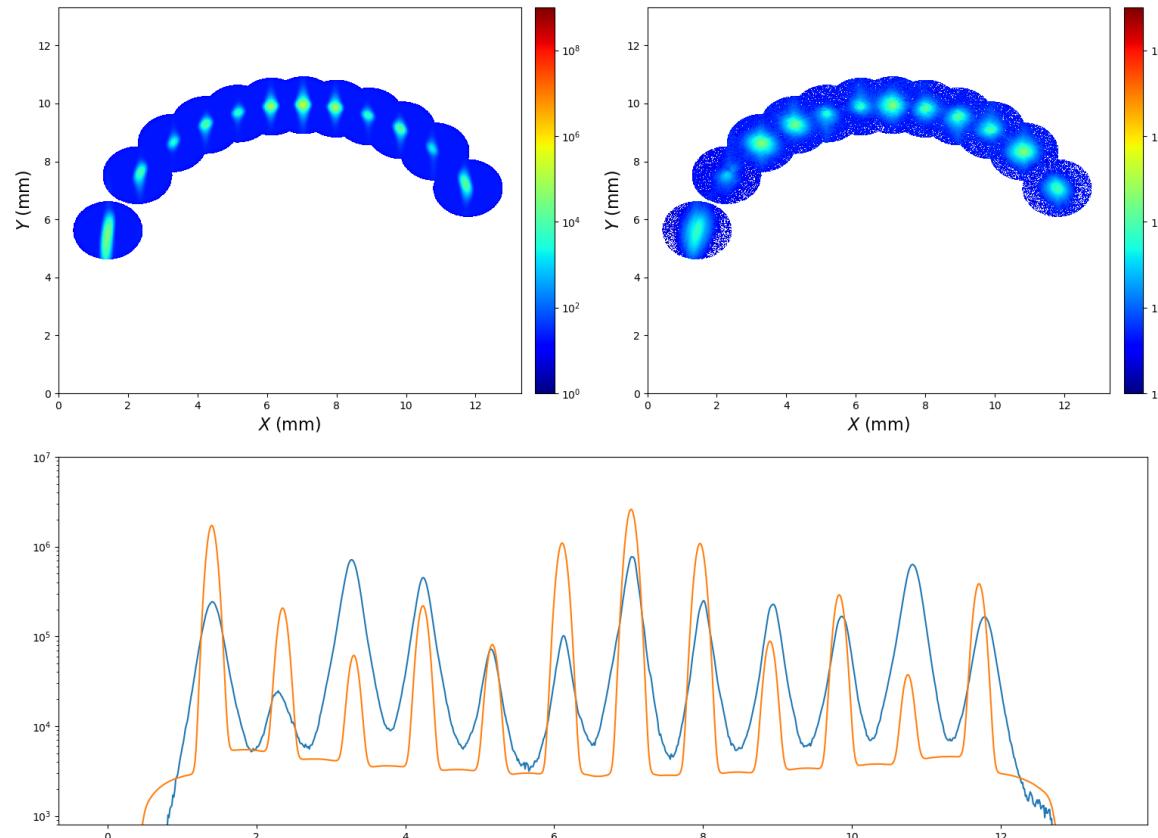
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 236.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



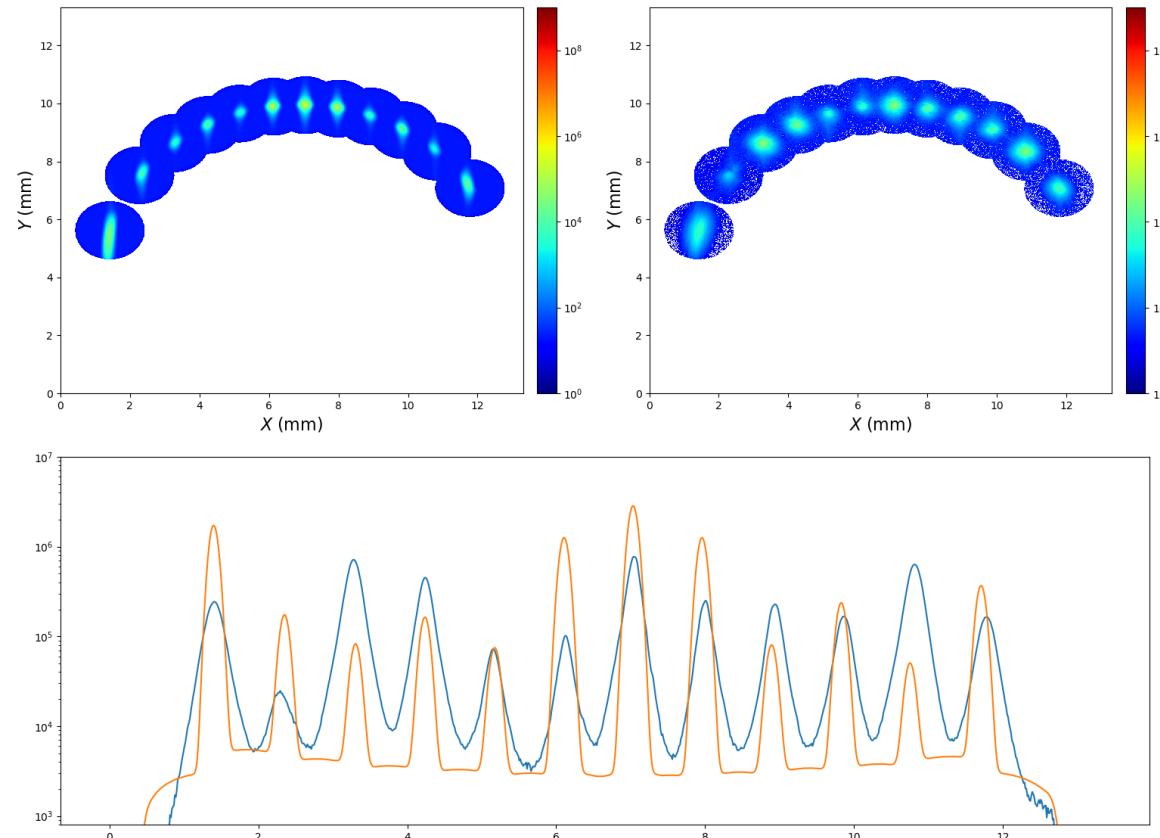
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 240.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



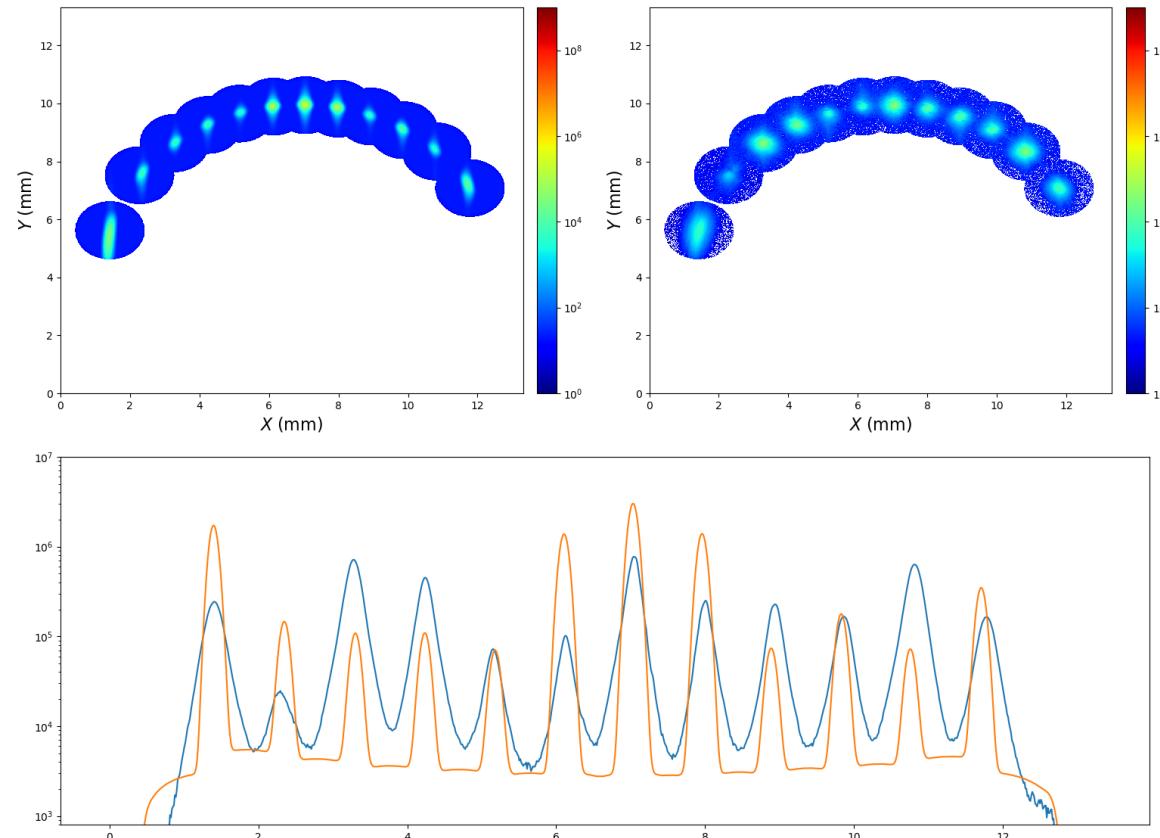
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 244.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



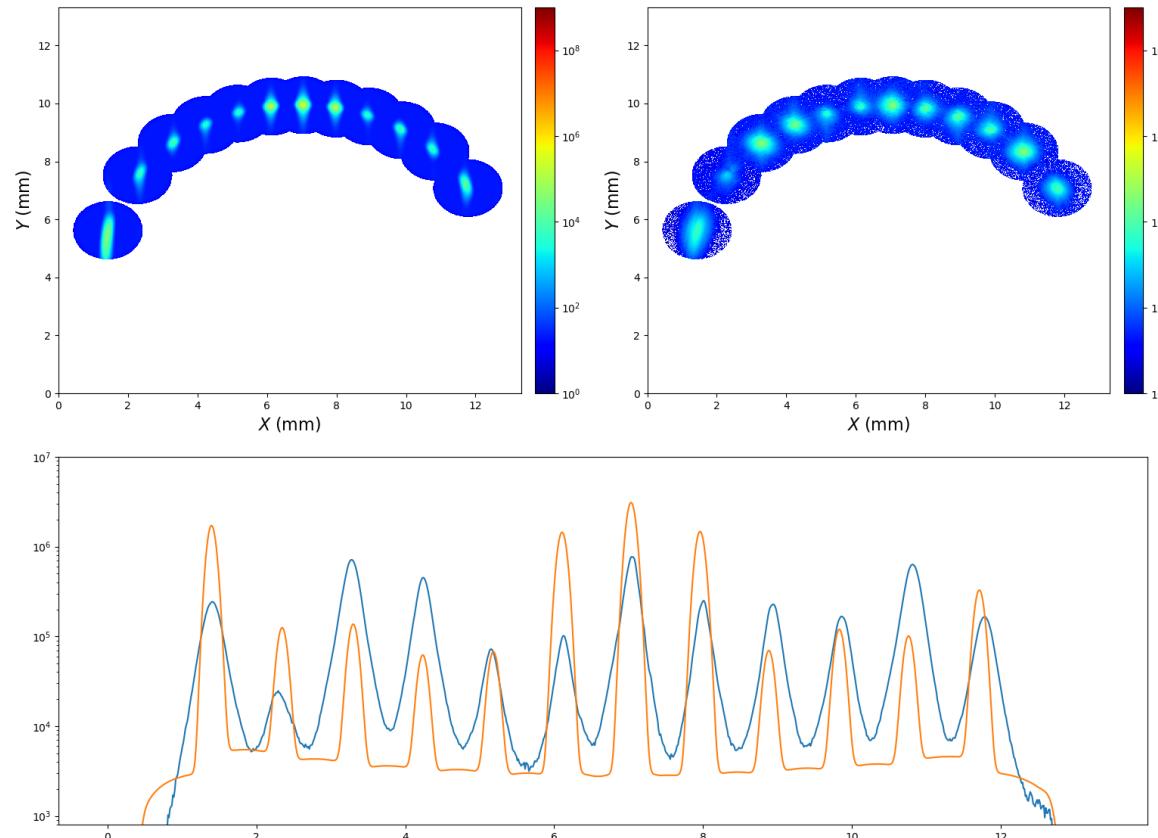
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 248.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



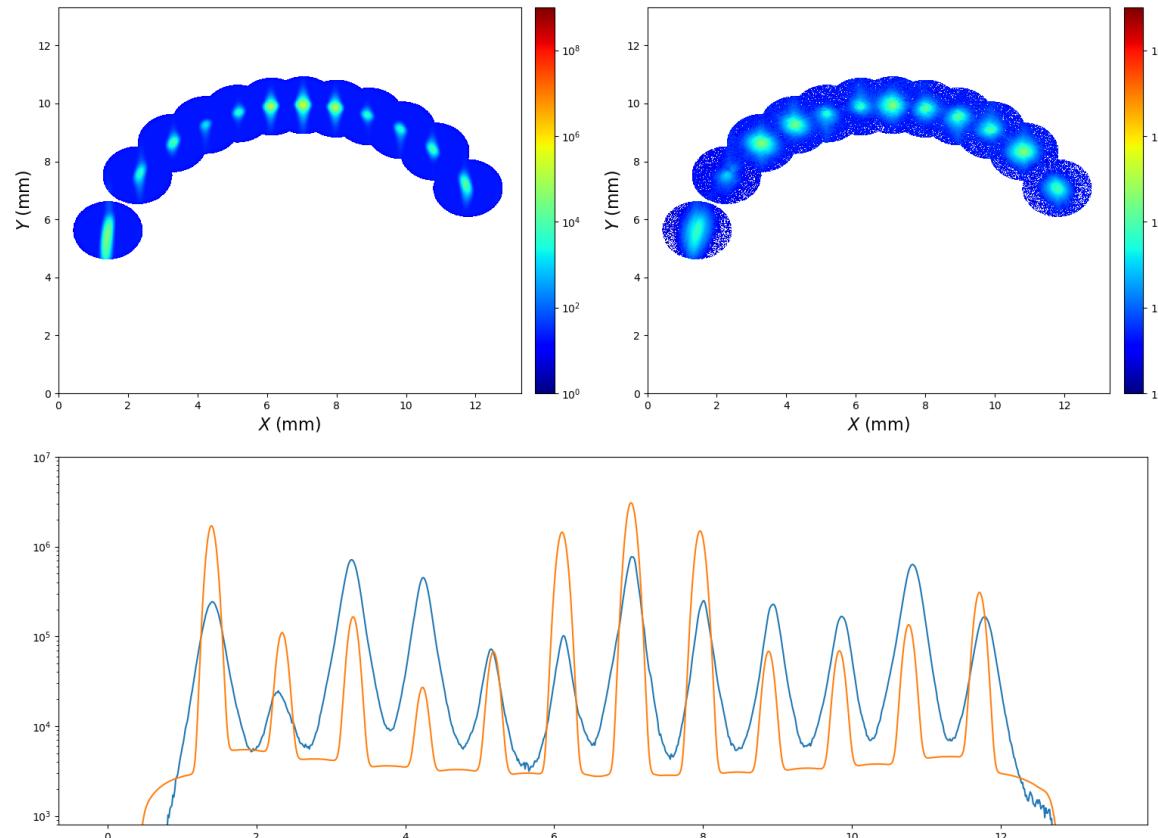
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 252.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



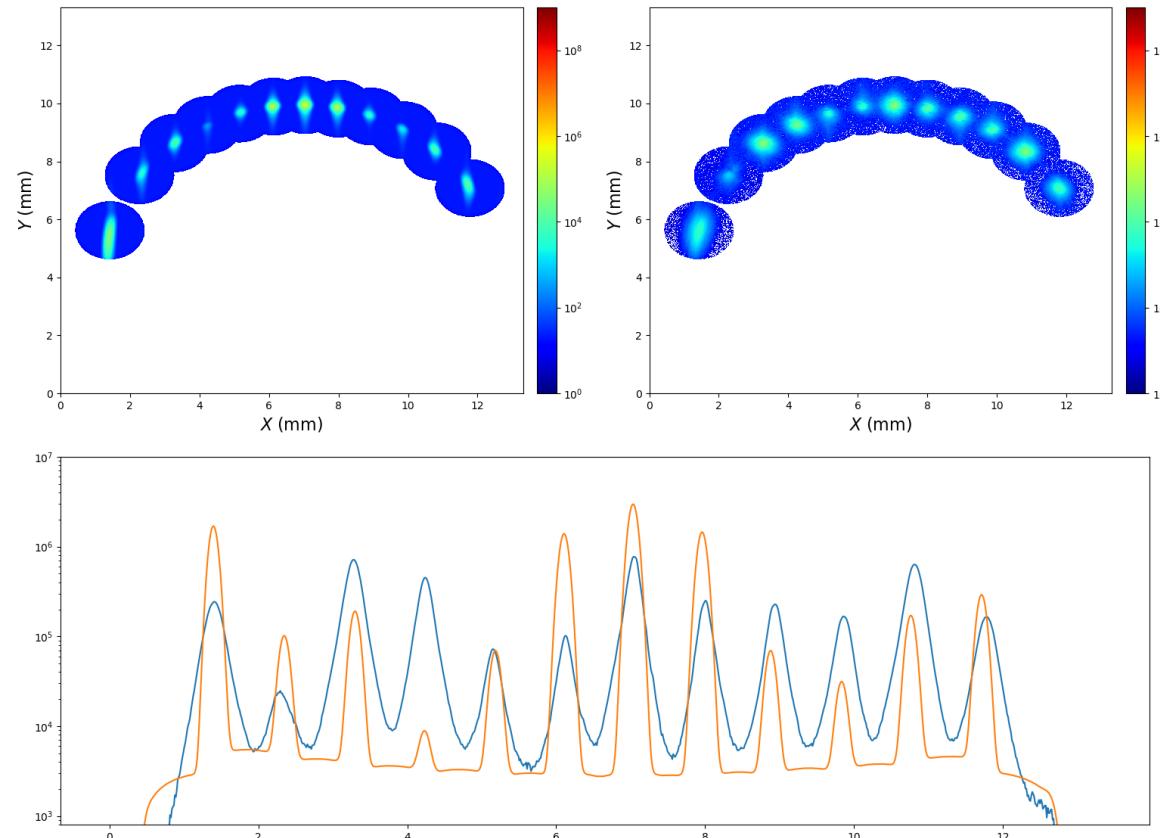
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 256.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



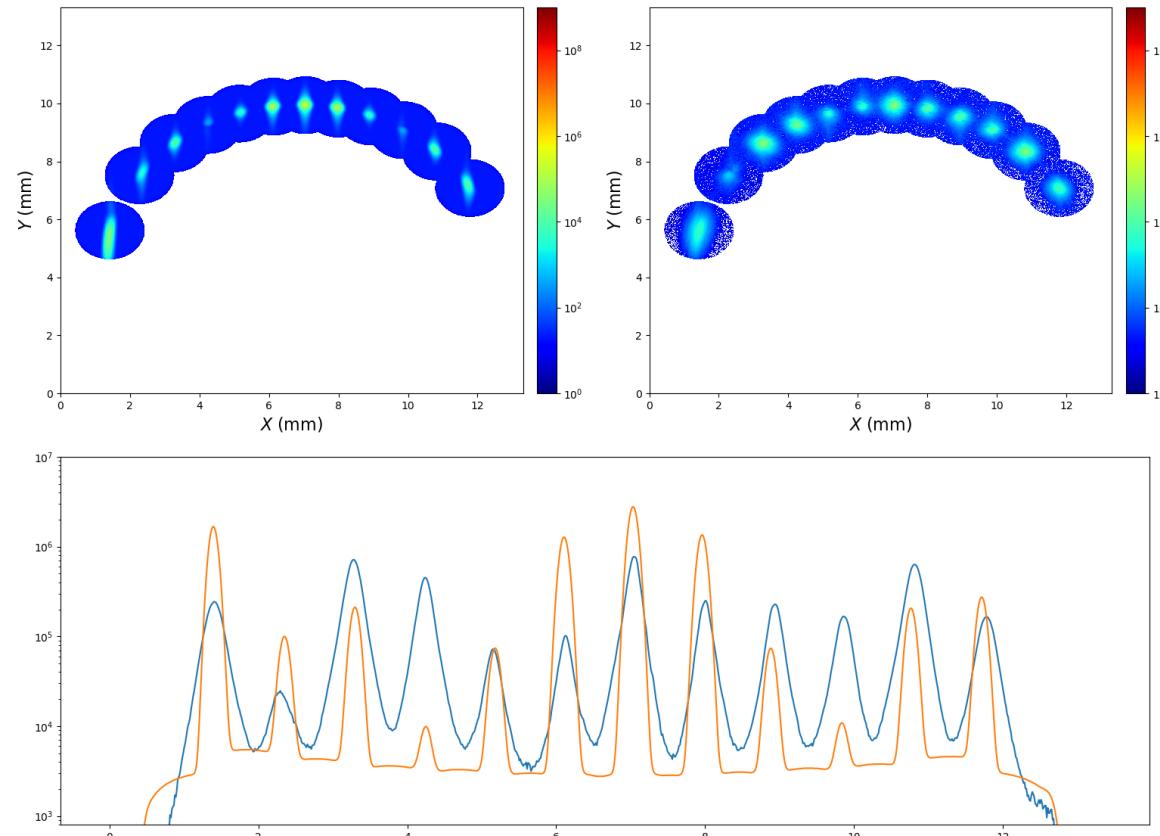
Grating spherical r0

```
{  
    "builder": "SphericalSymGrating",  
    "grating_period": 834.2,  
    "grating_central_part": 400.0,  
    "length": 10000,  
    "r_sigma": 25.0,  
    "r_hurst": 1.0,  
    "r_corr": 20.0,  
    "surface_density": 0.004,  
    "nslices": 101,  
    "r0": 225.6,  
    "r0_height": 260.0,  
    "r1": 372.0,  
    "bulk": 394.2,  
    "interf": {  
        "type": "idlattice",  
        "decay_type": "gauss",  
        "decay_length": 2500,  
        "variance": 0.1  
    }  
}
```



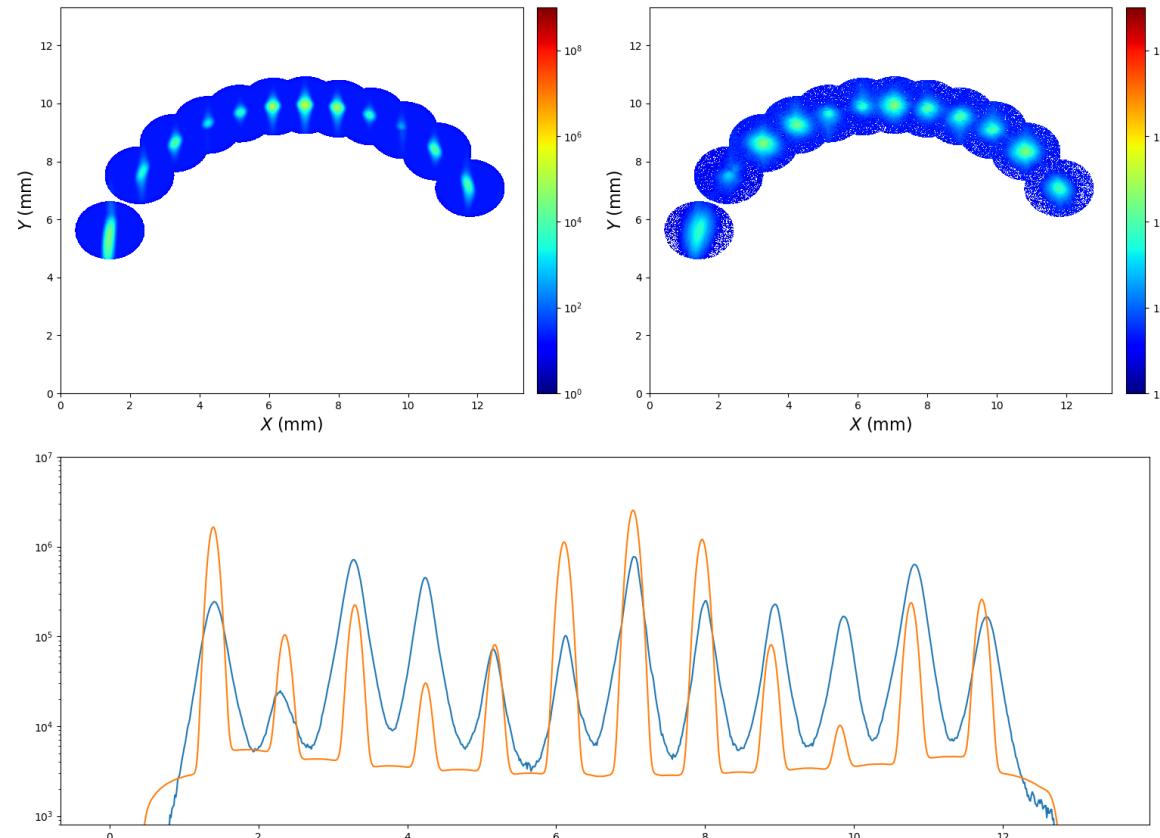
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 264.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



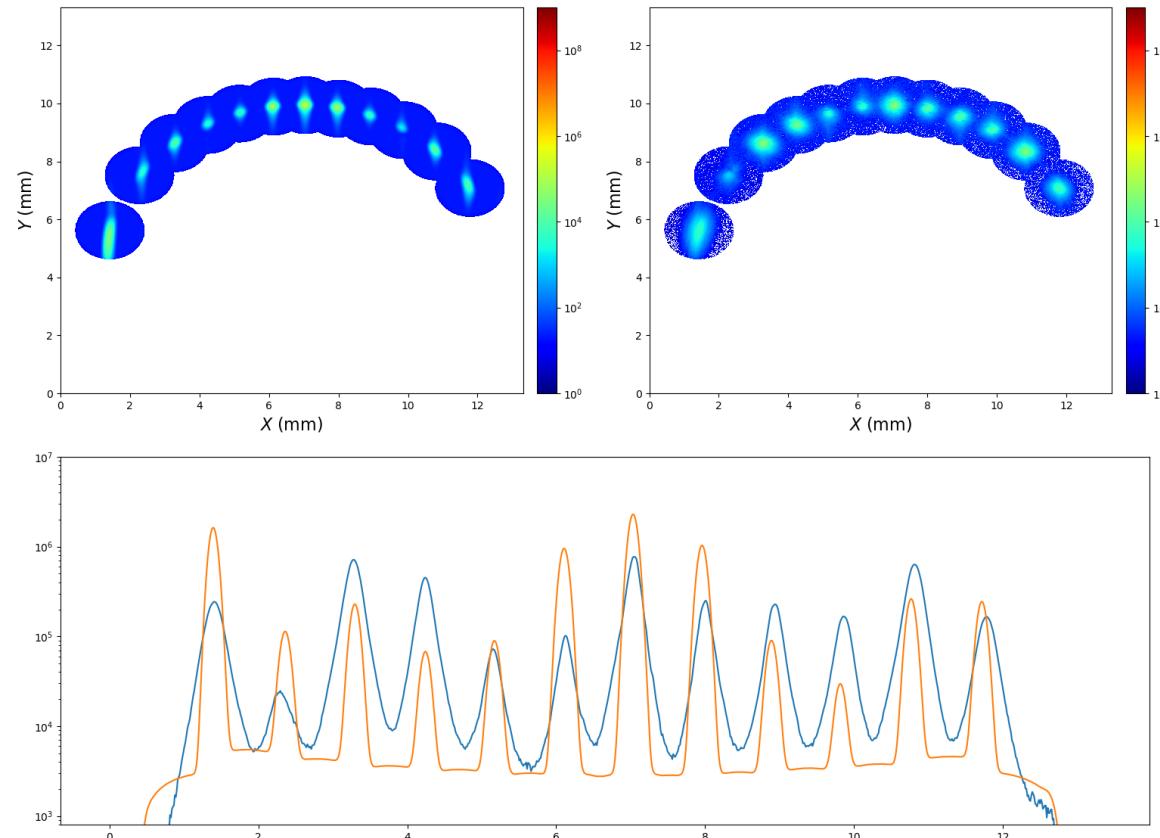
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 268.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



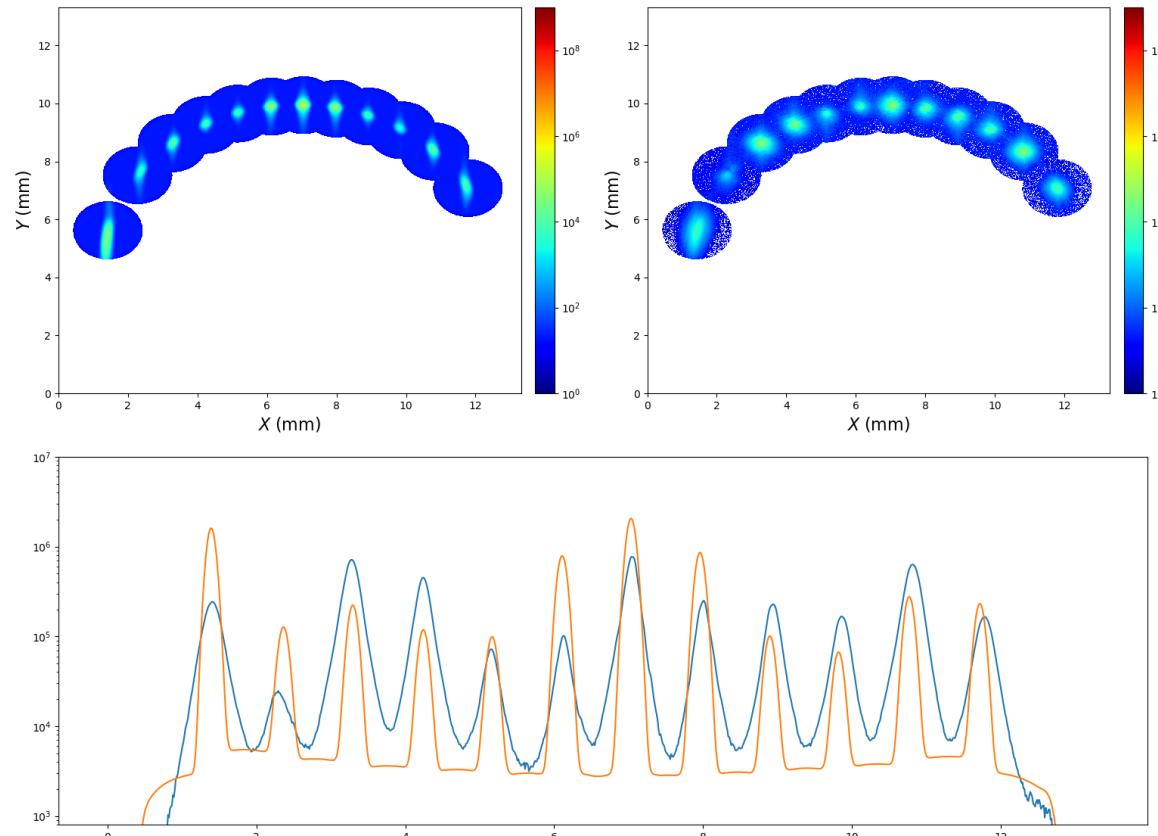
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 272.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



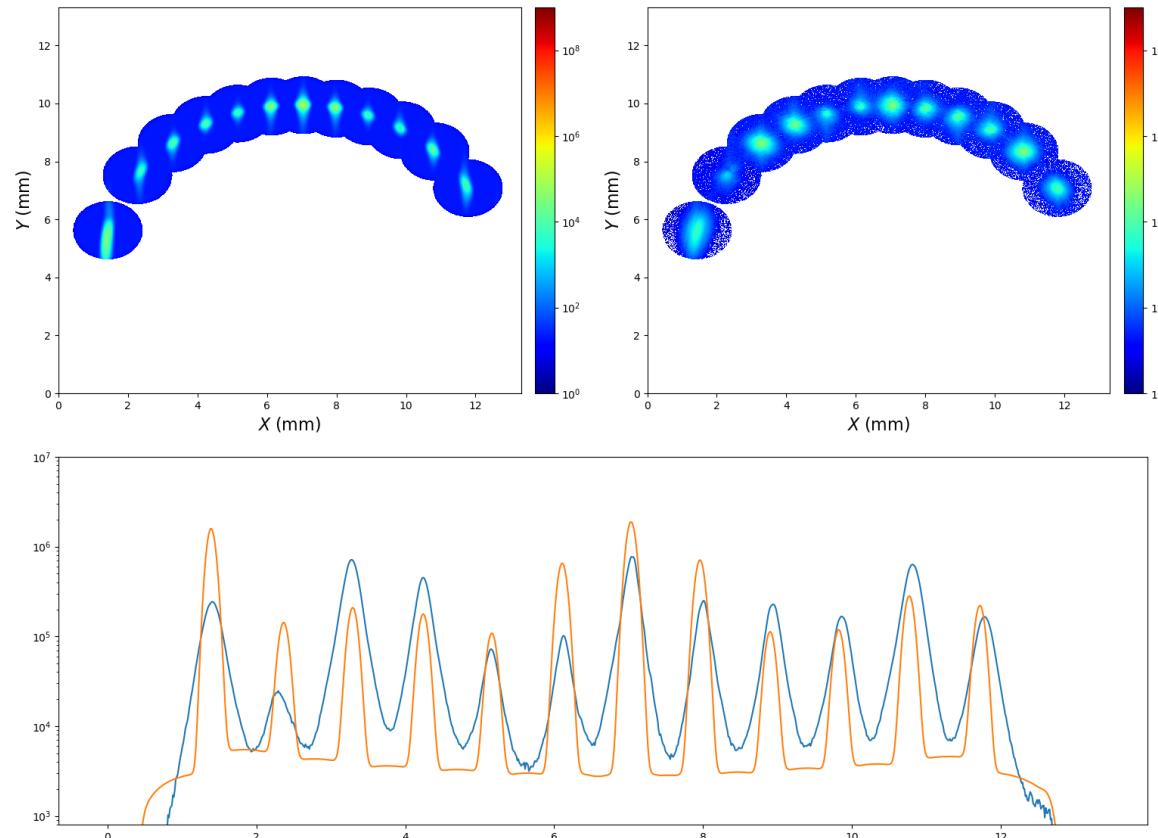
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 276.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



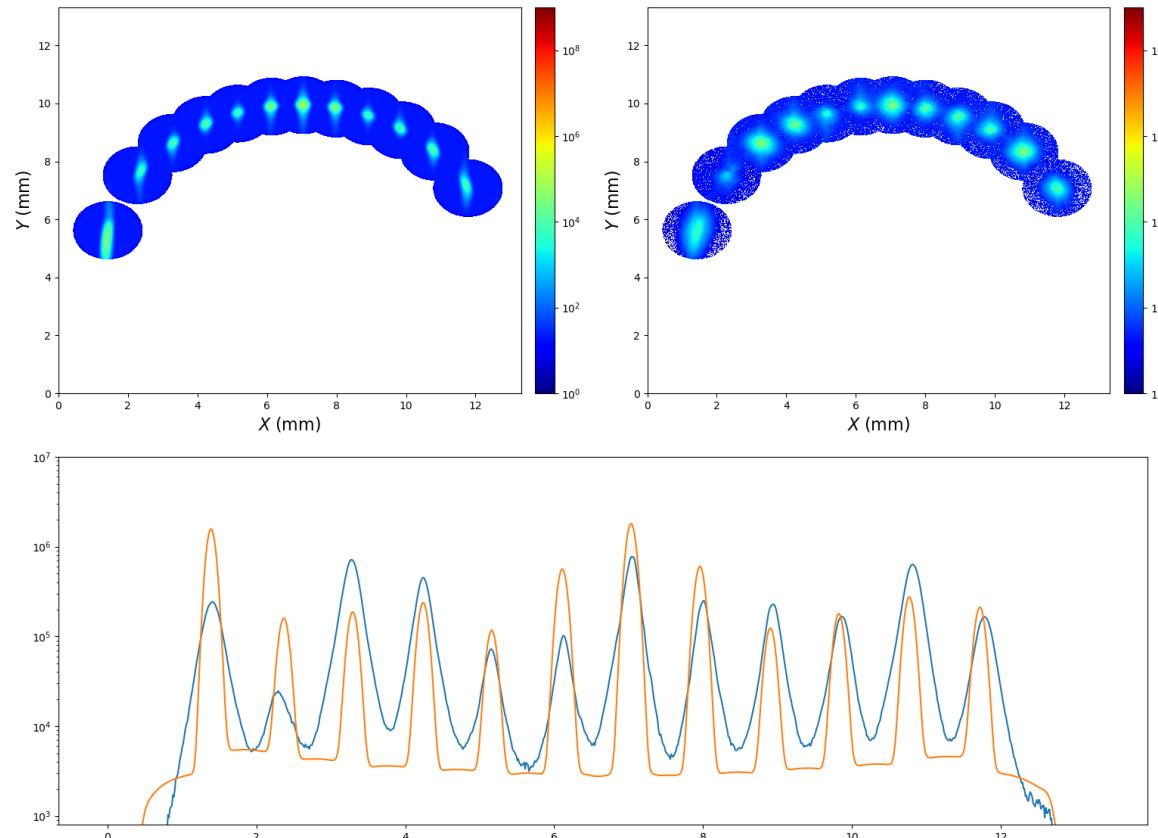
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 280.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



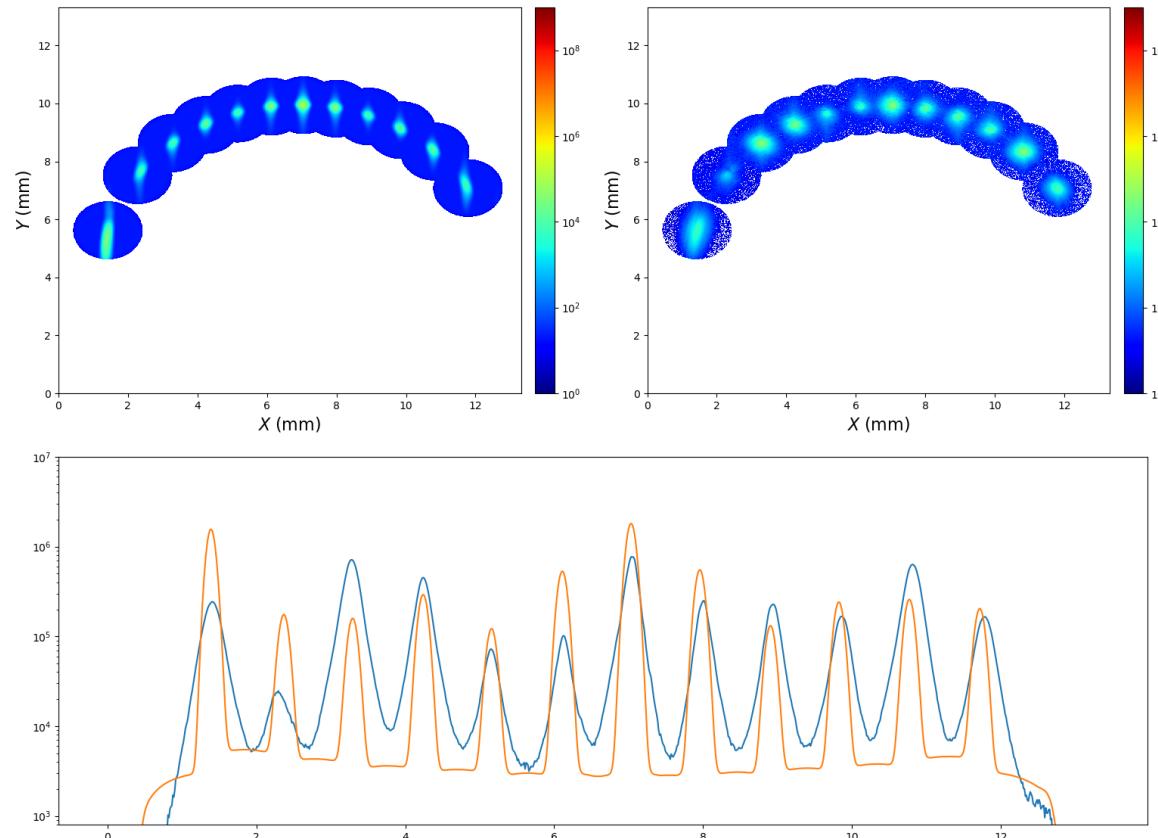
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 284.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



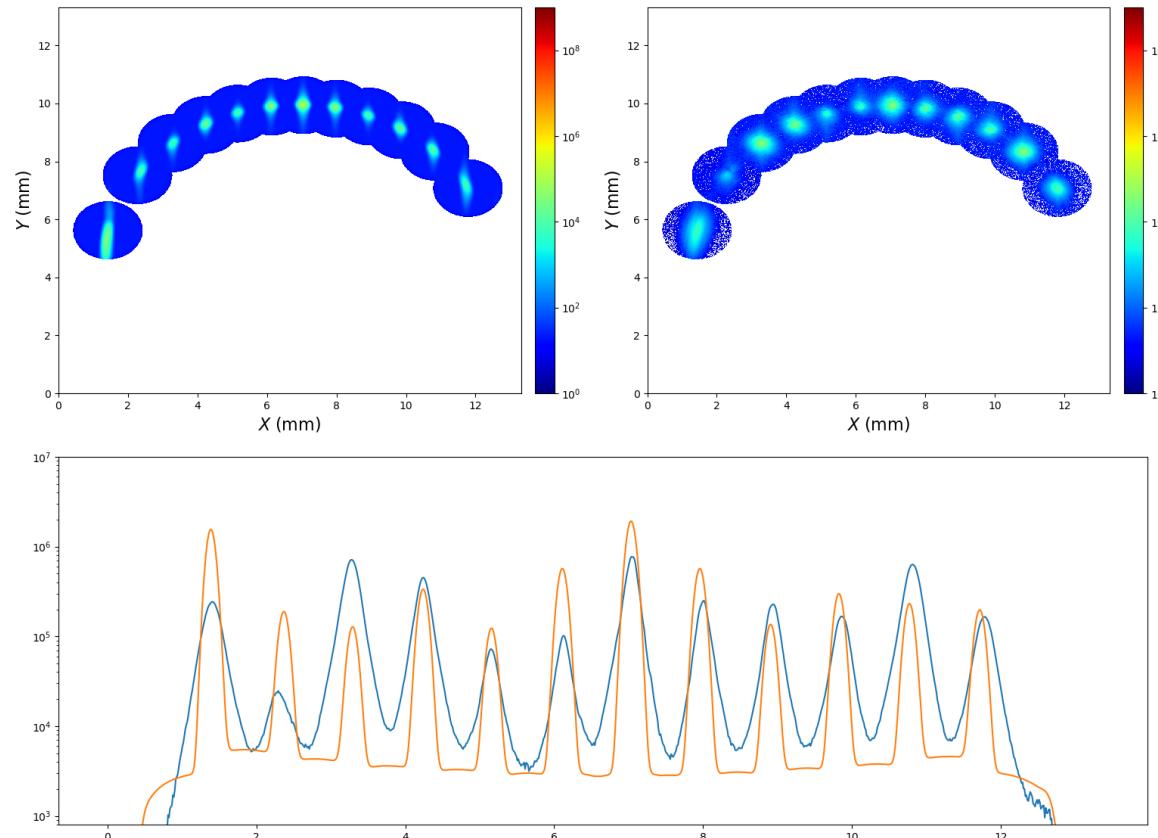
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 288.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



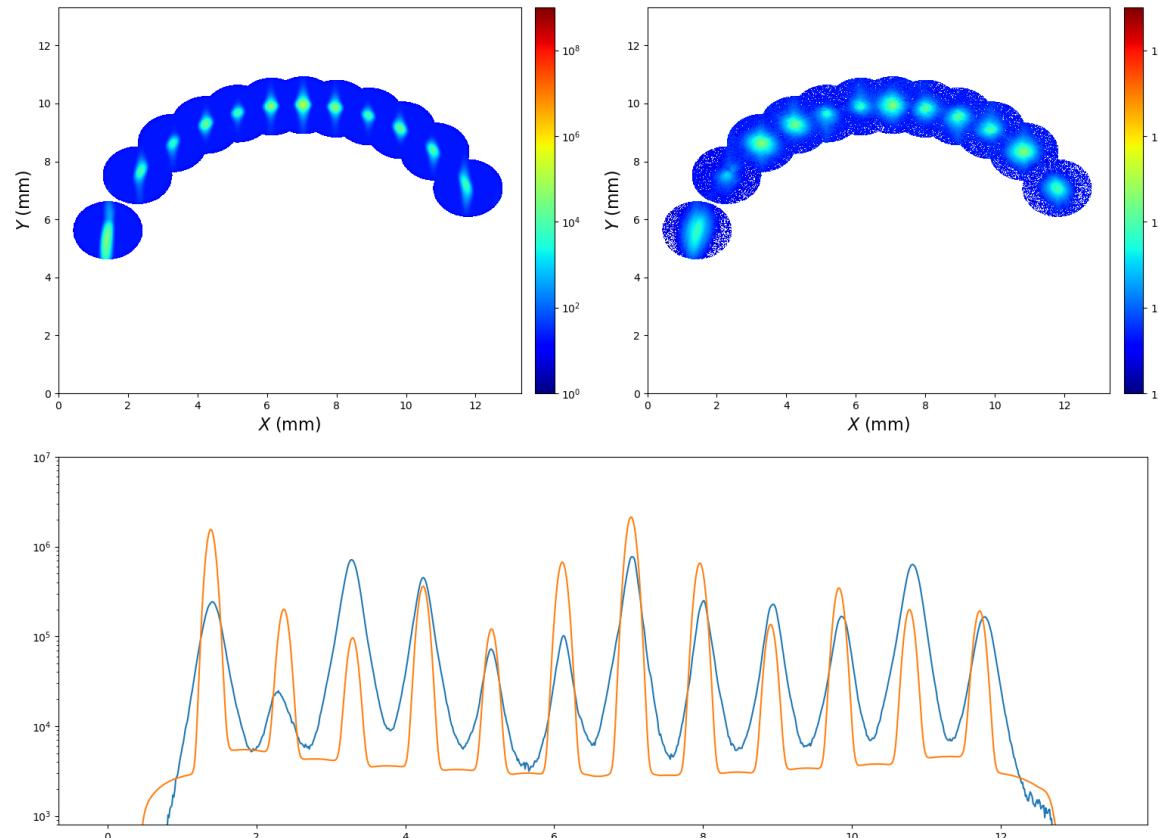
Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 292.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 296.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```



Grating spherical r0

```
{
  "builder": "SphericalSymGrating",
  "grating_period": 834.2,
  "grating_central_part": 400.0,
  "length": 10000,
  "r_sigma": 25.0,
  "r_hurst": 1.0,
  "r_corr": 20.0,
  "surface_density": 0.004,
  "nslices": 101,
  "r0": 225.6,
  "r0_height": 300.0,
  "r1": 372.0,
  "bulk": 394.2,
  "interf": {
    "type": "idlattice",
    "decay_type": "gauss",
    "decay_length": 2500,
    "variance": 0.1
  }
}
```

