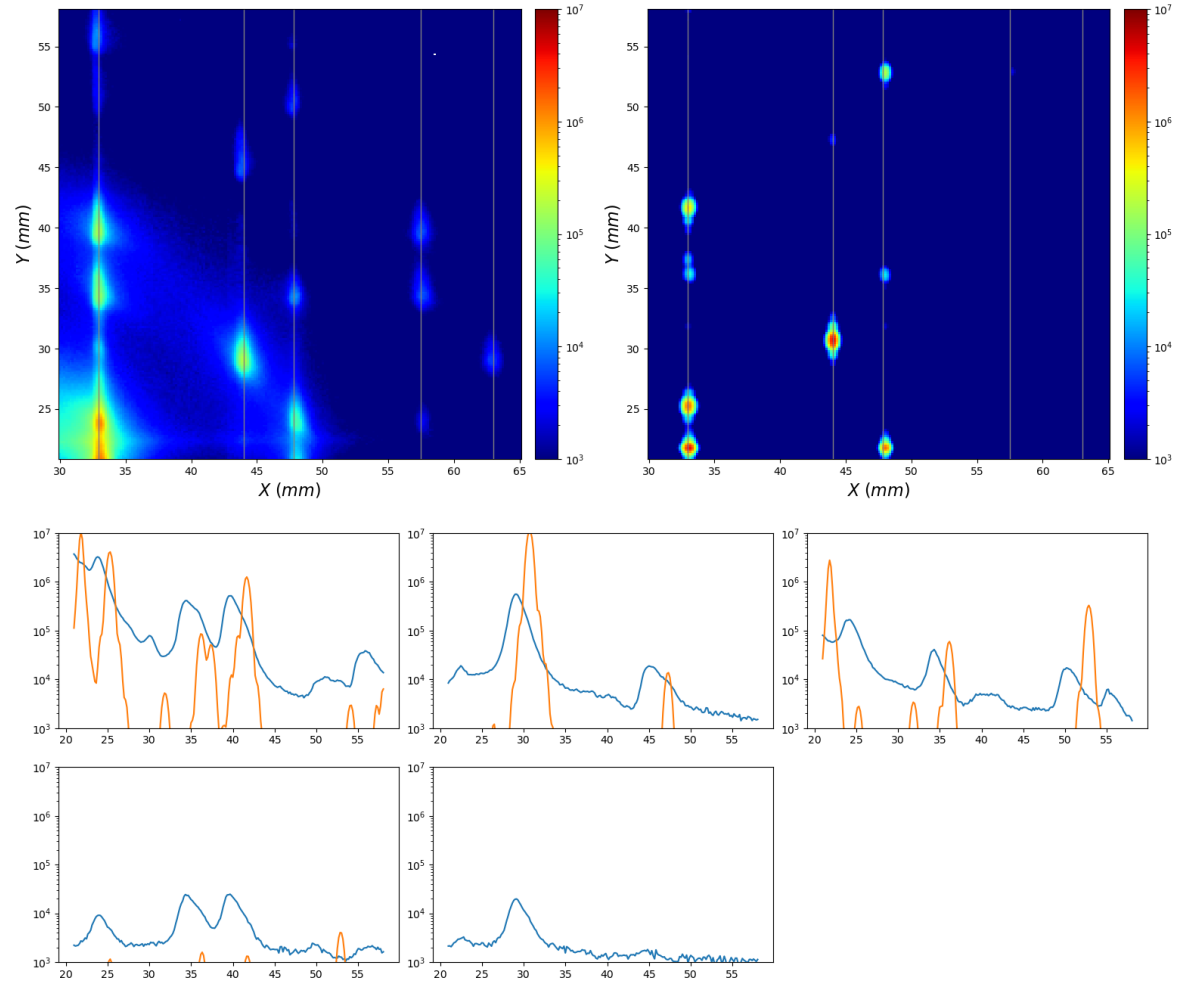


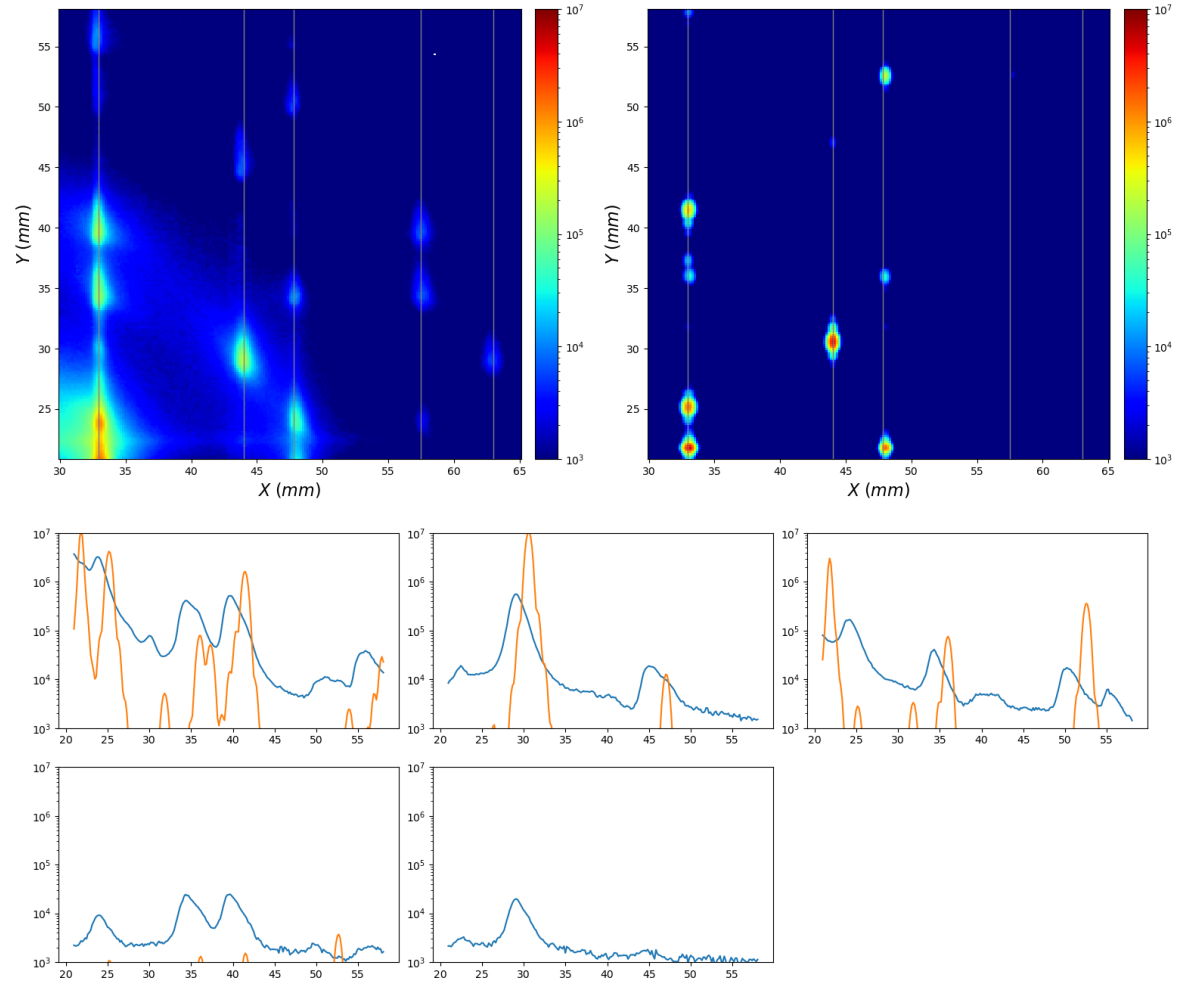
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 29.0,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



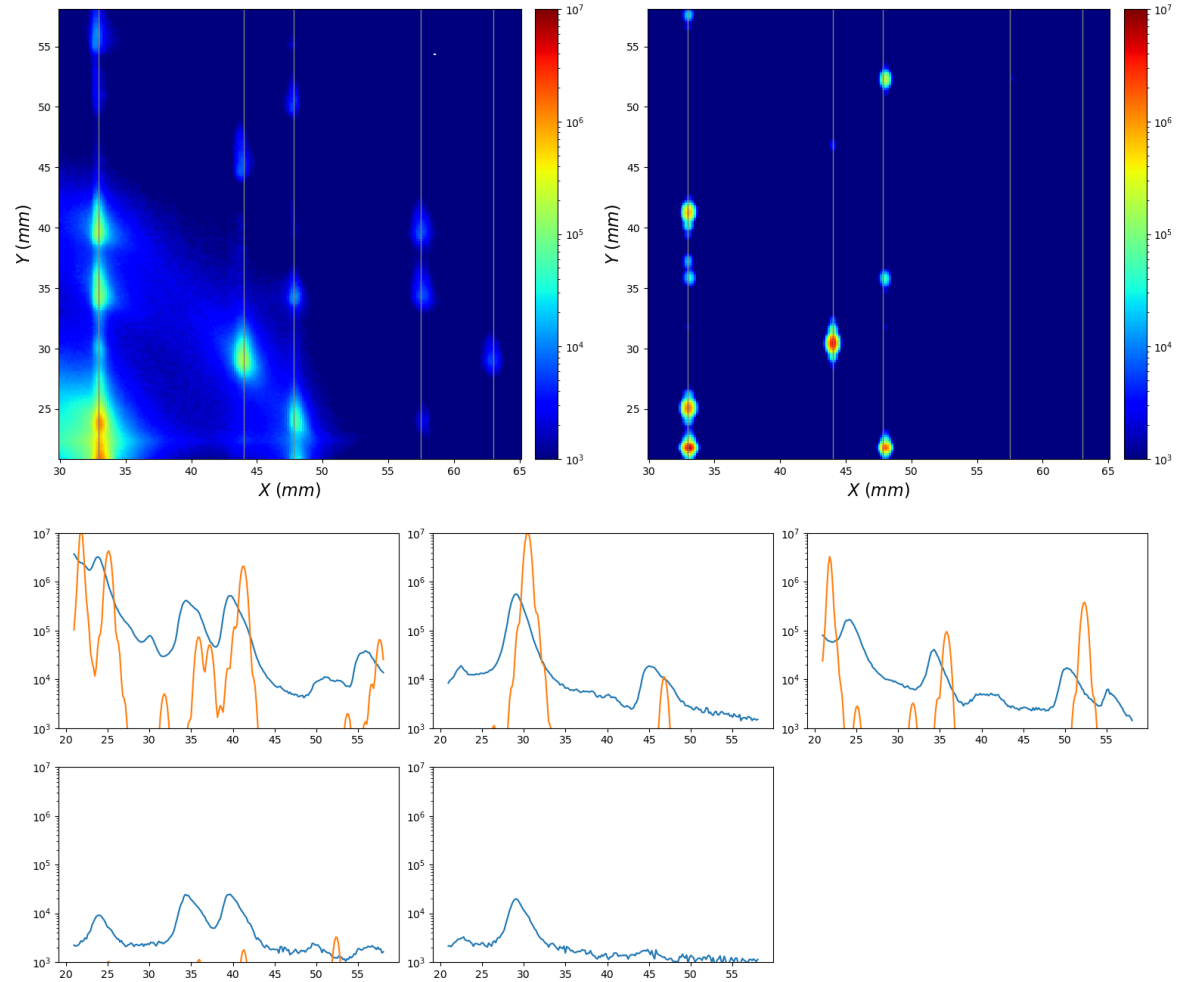
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 29.210526315789473,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



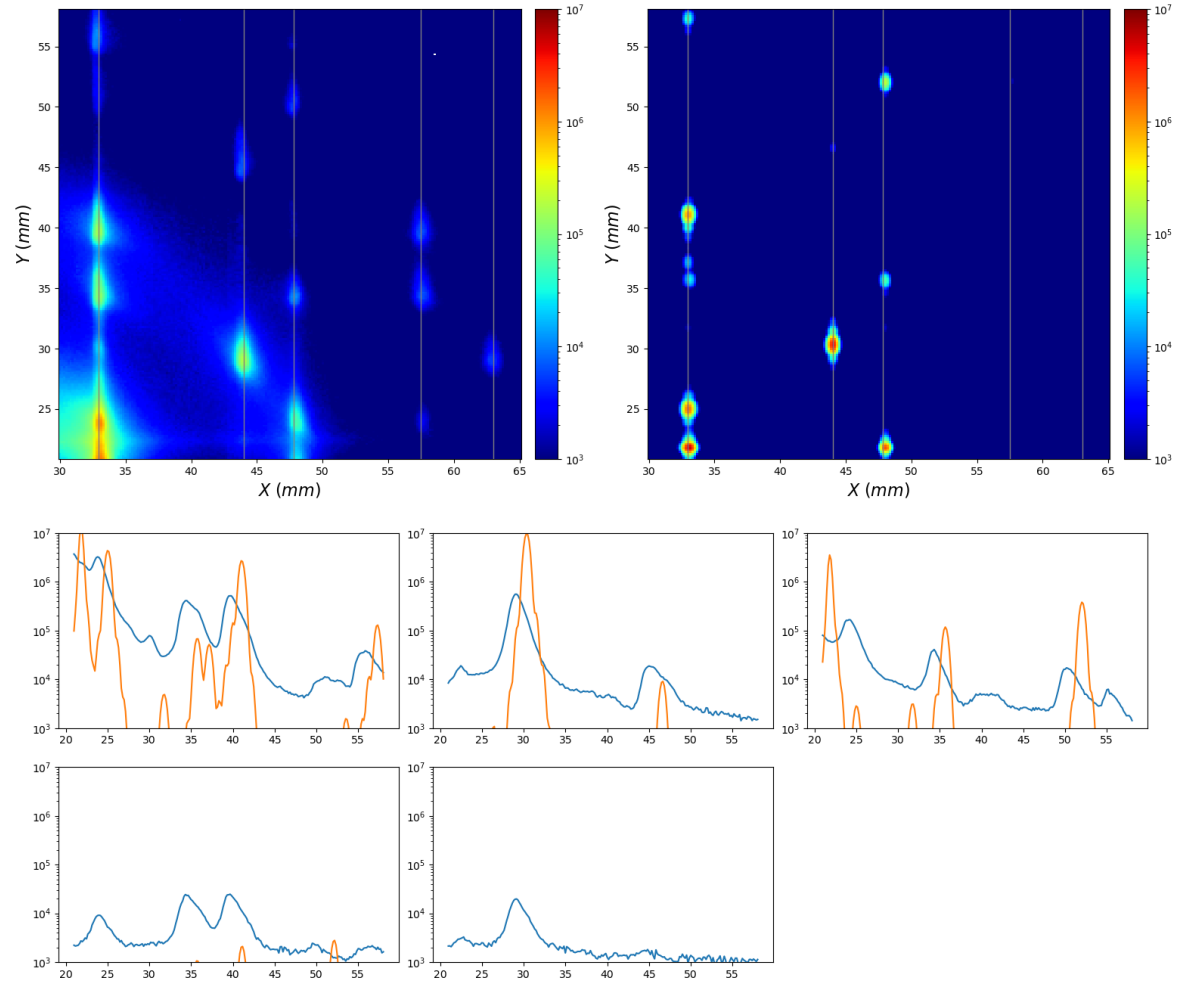
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 29.42105263157895,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



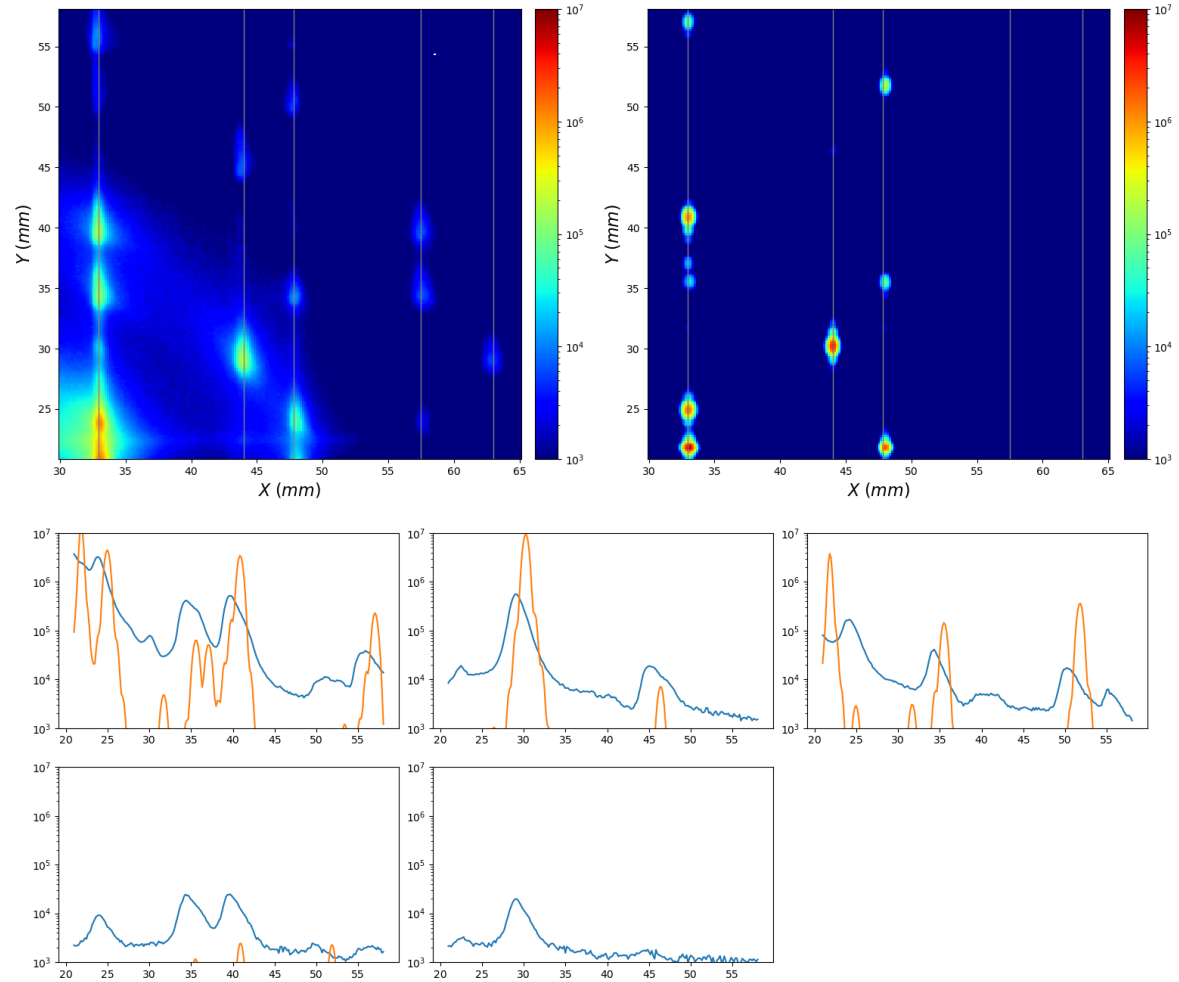
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 29.63157894736842,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



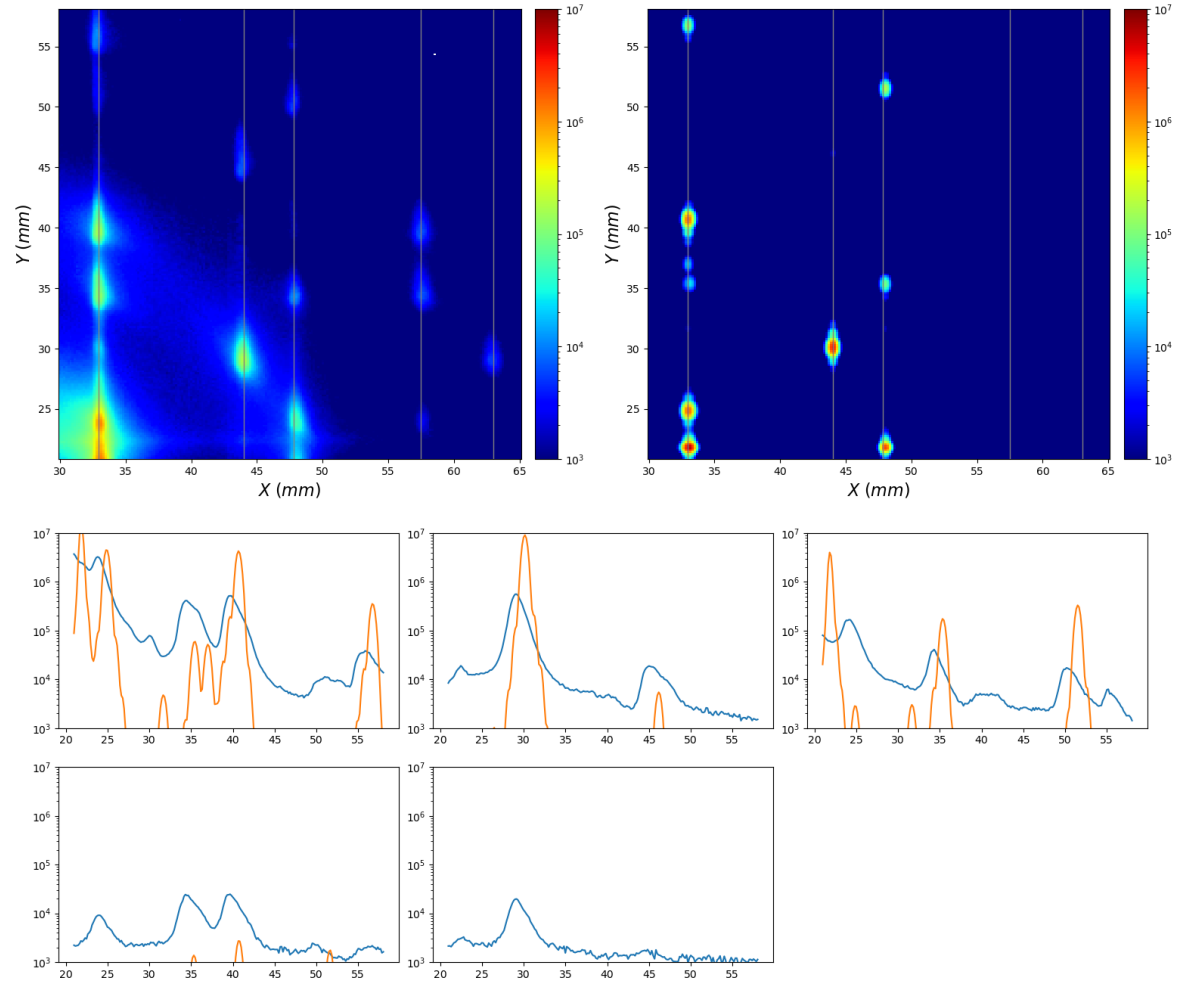
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 29.842105263157894,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



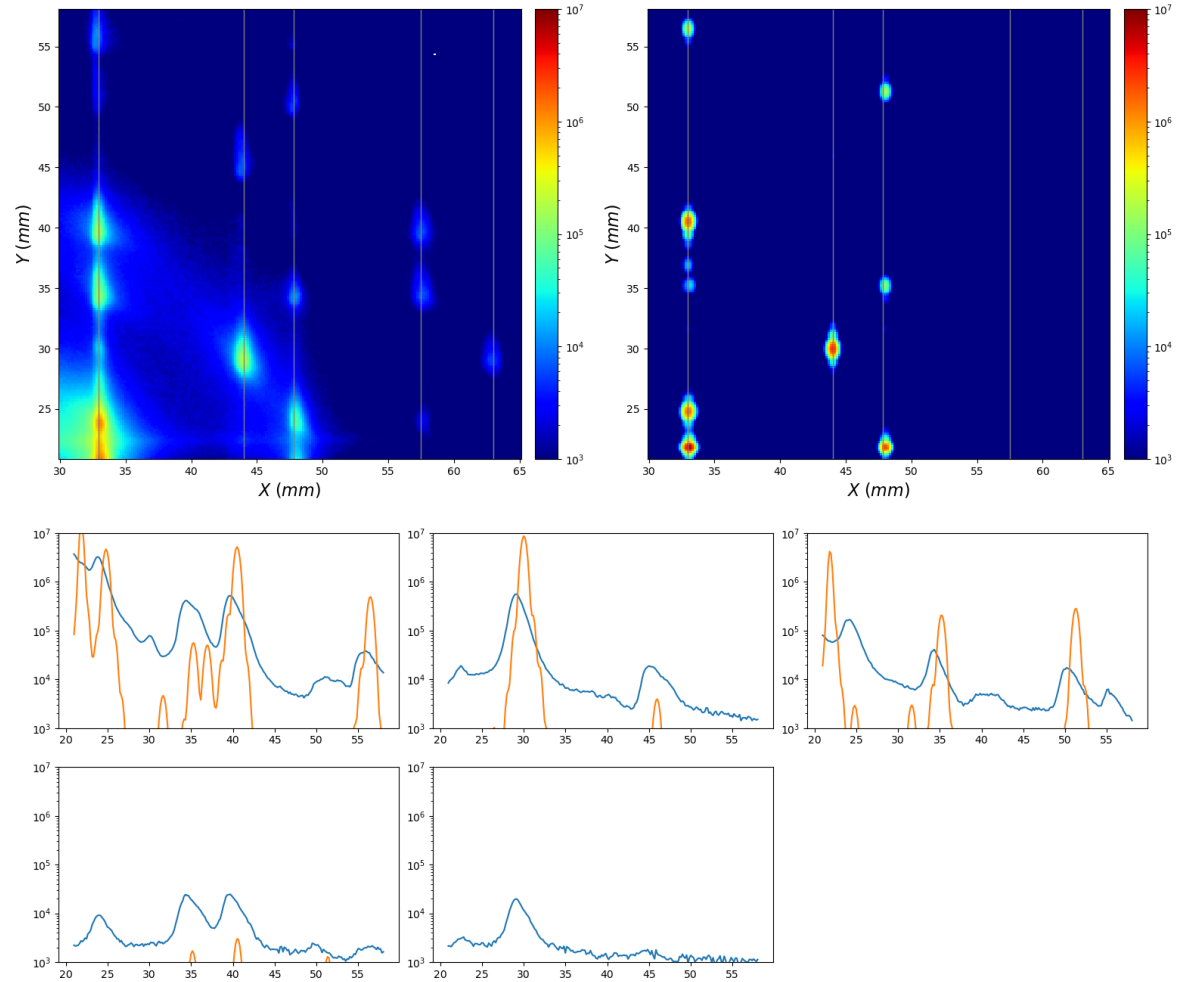
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 30.05263157894737,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



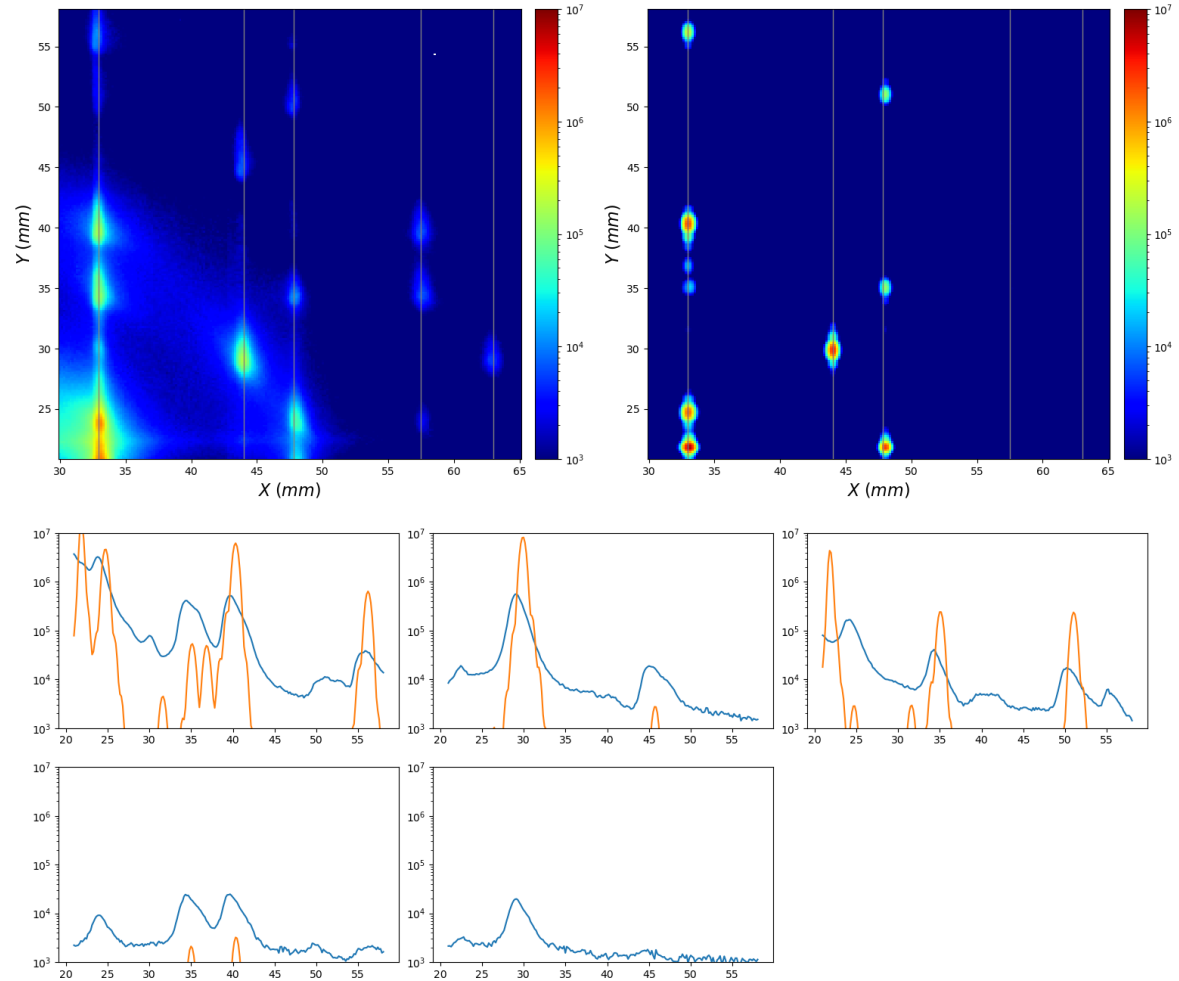
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 30.263157894736842,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



Single meso, lattice\_length\_c

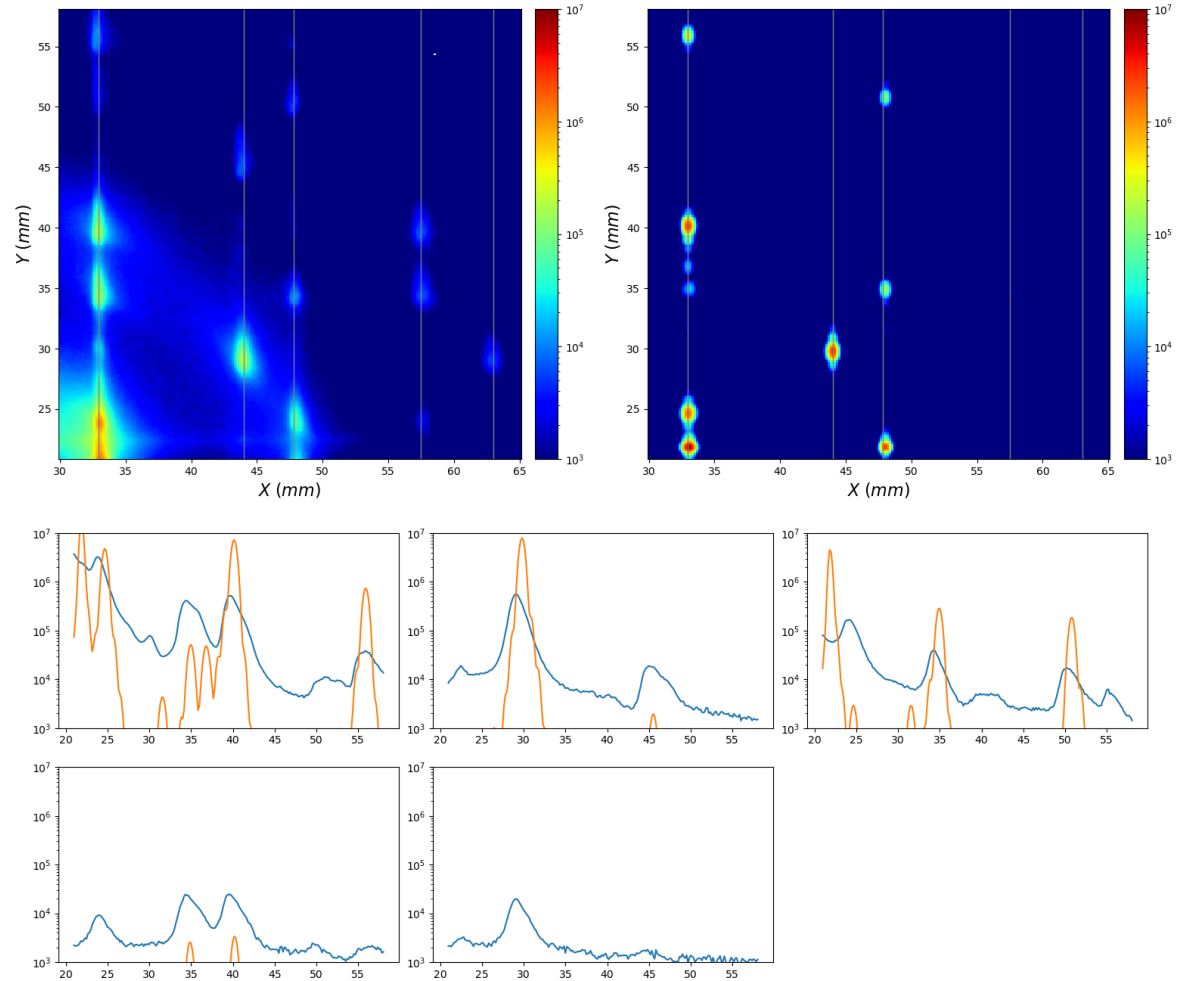
```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 30.473684210526315,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```





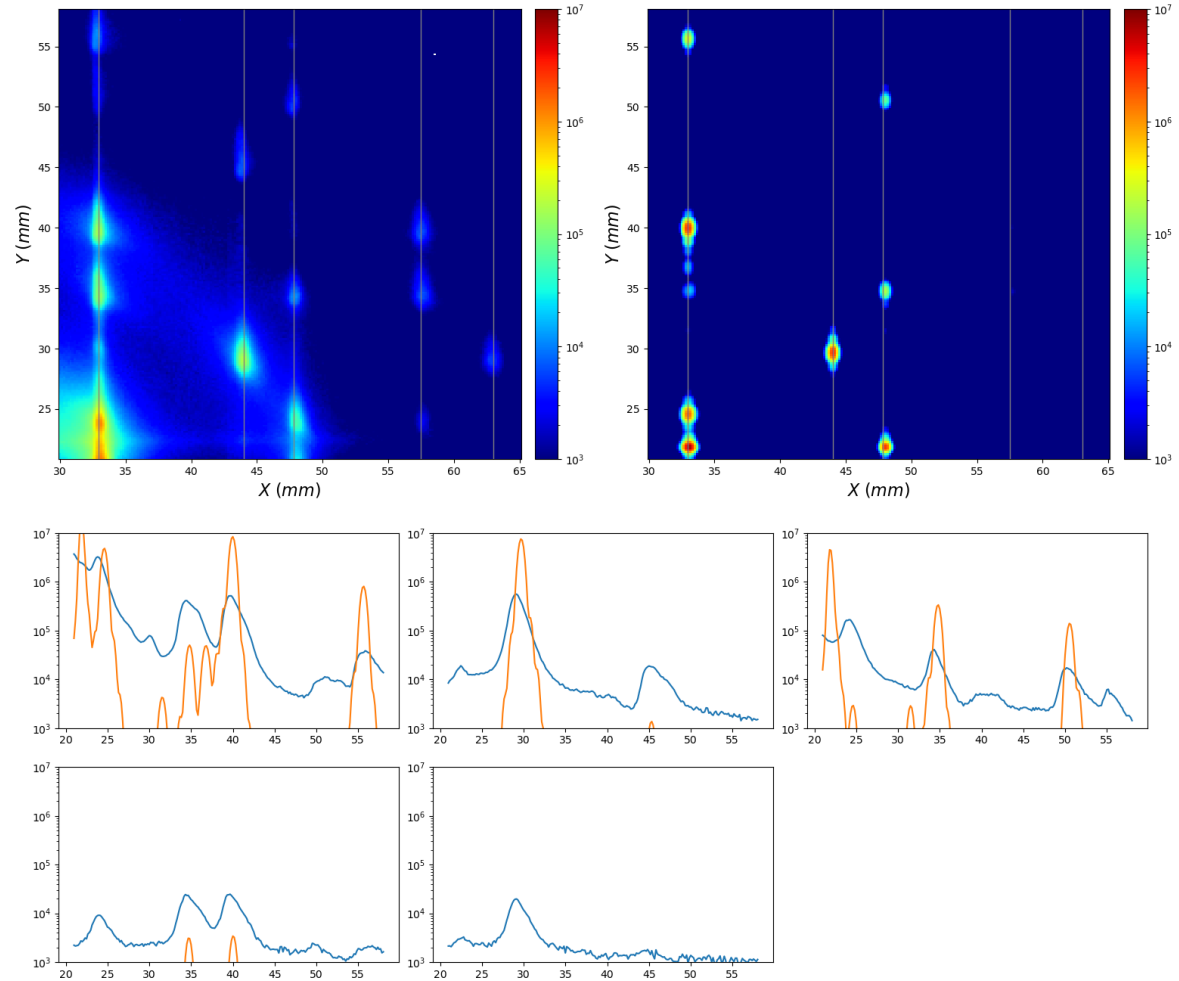
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 30.684210526315788,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



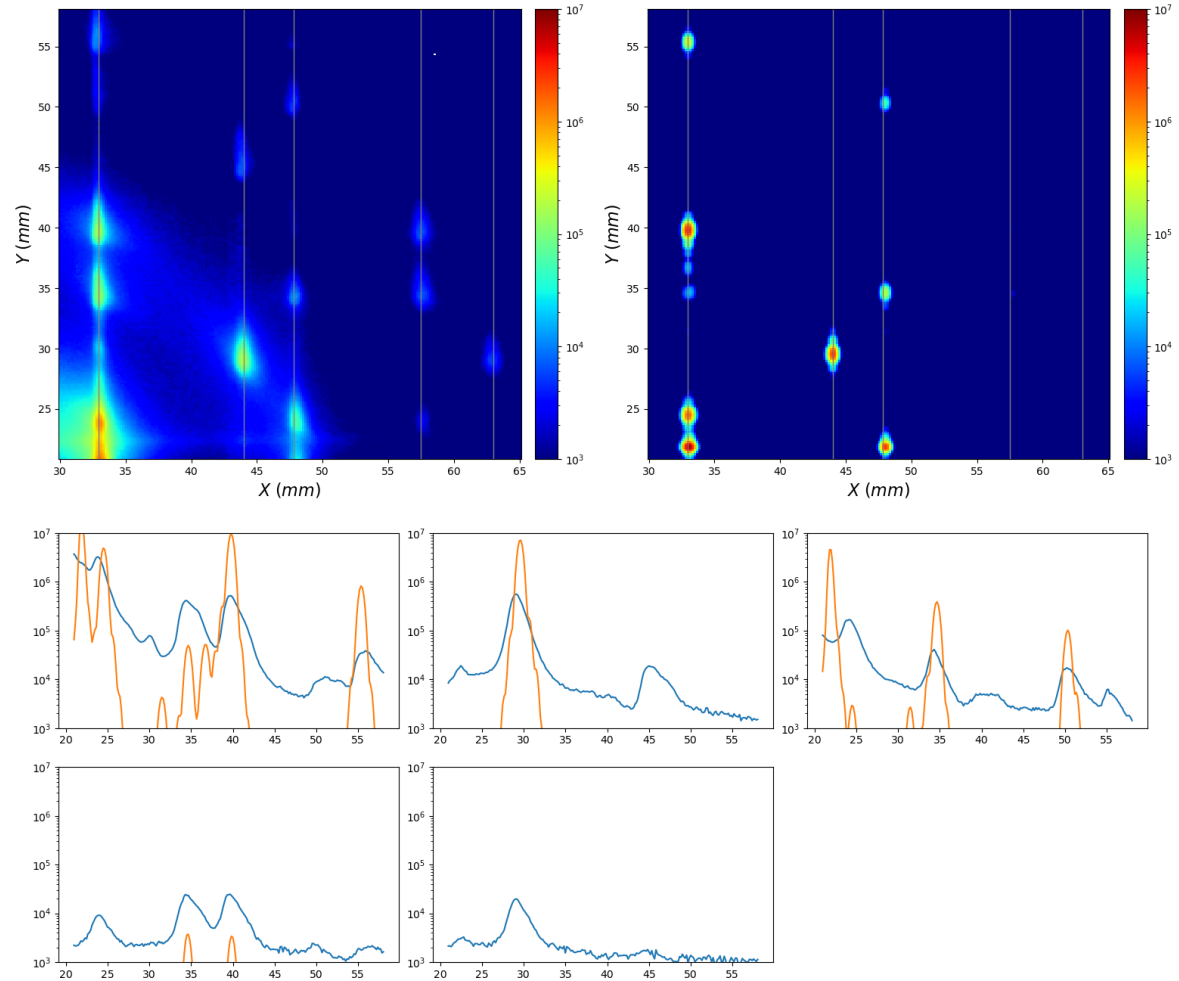
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 30.894736842105264,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



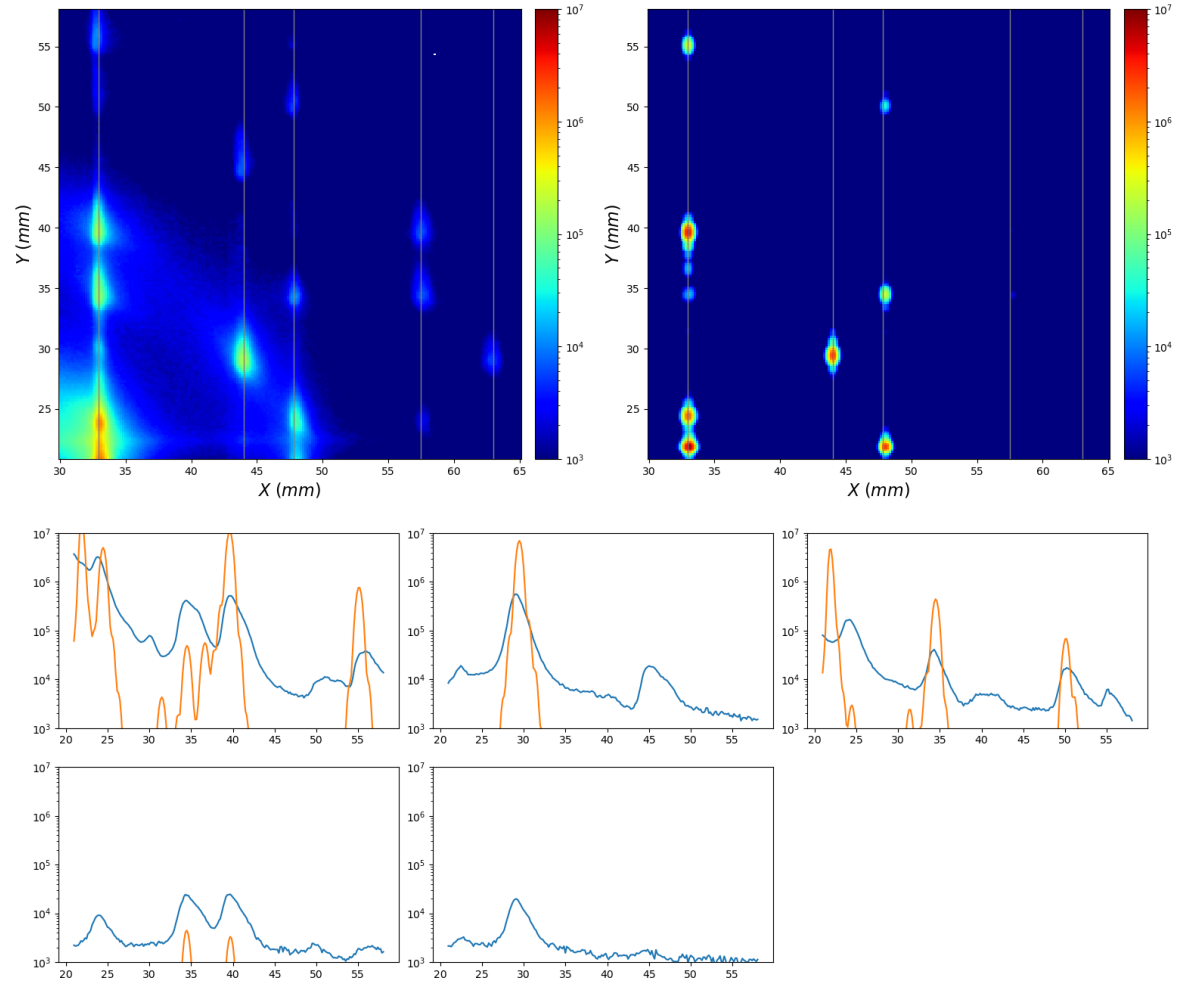
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.105263157894736,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



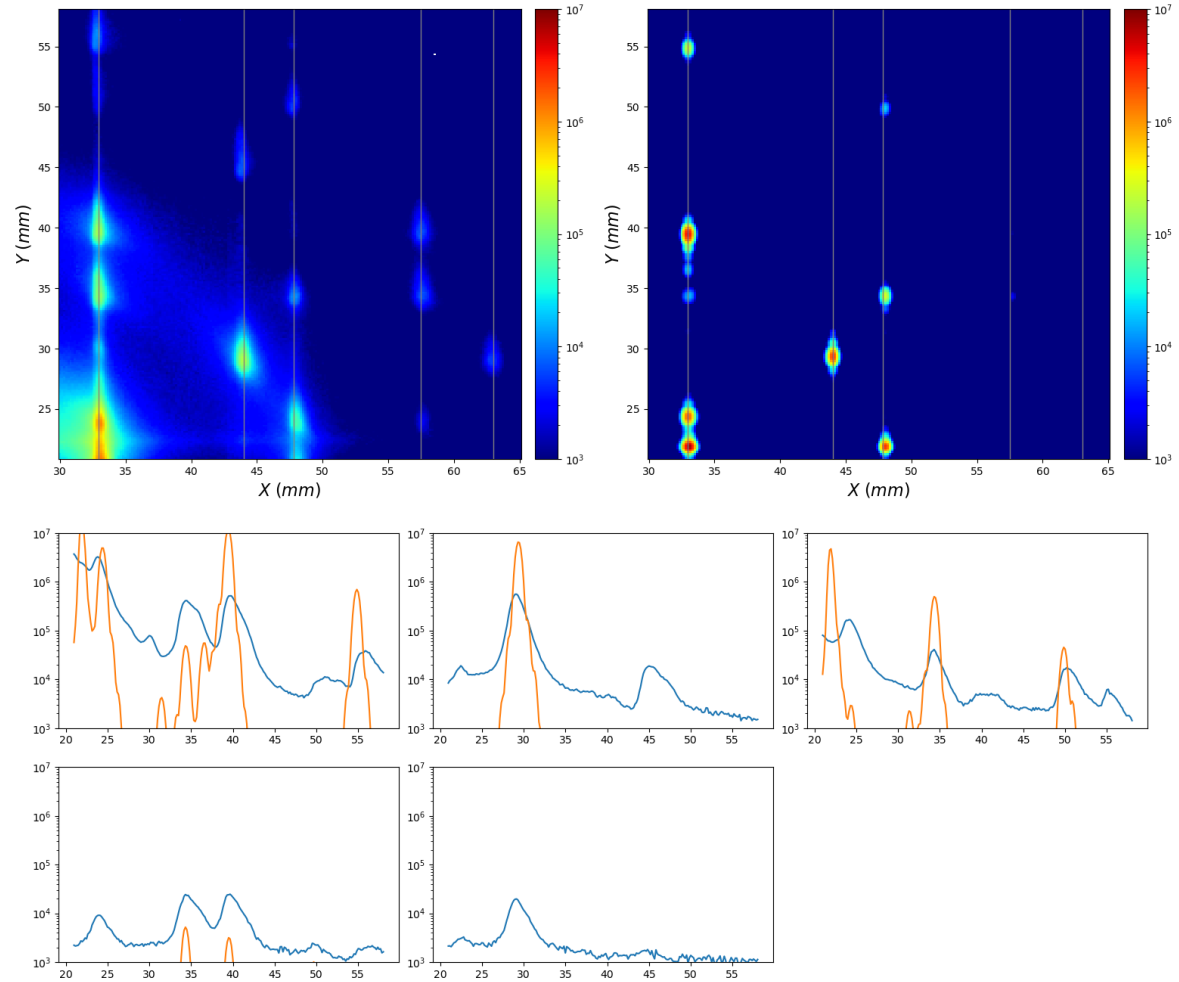
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.315789473684212,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



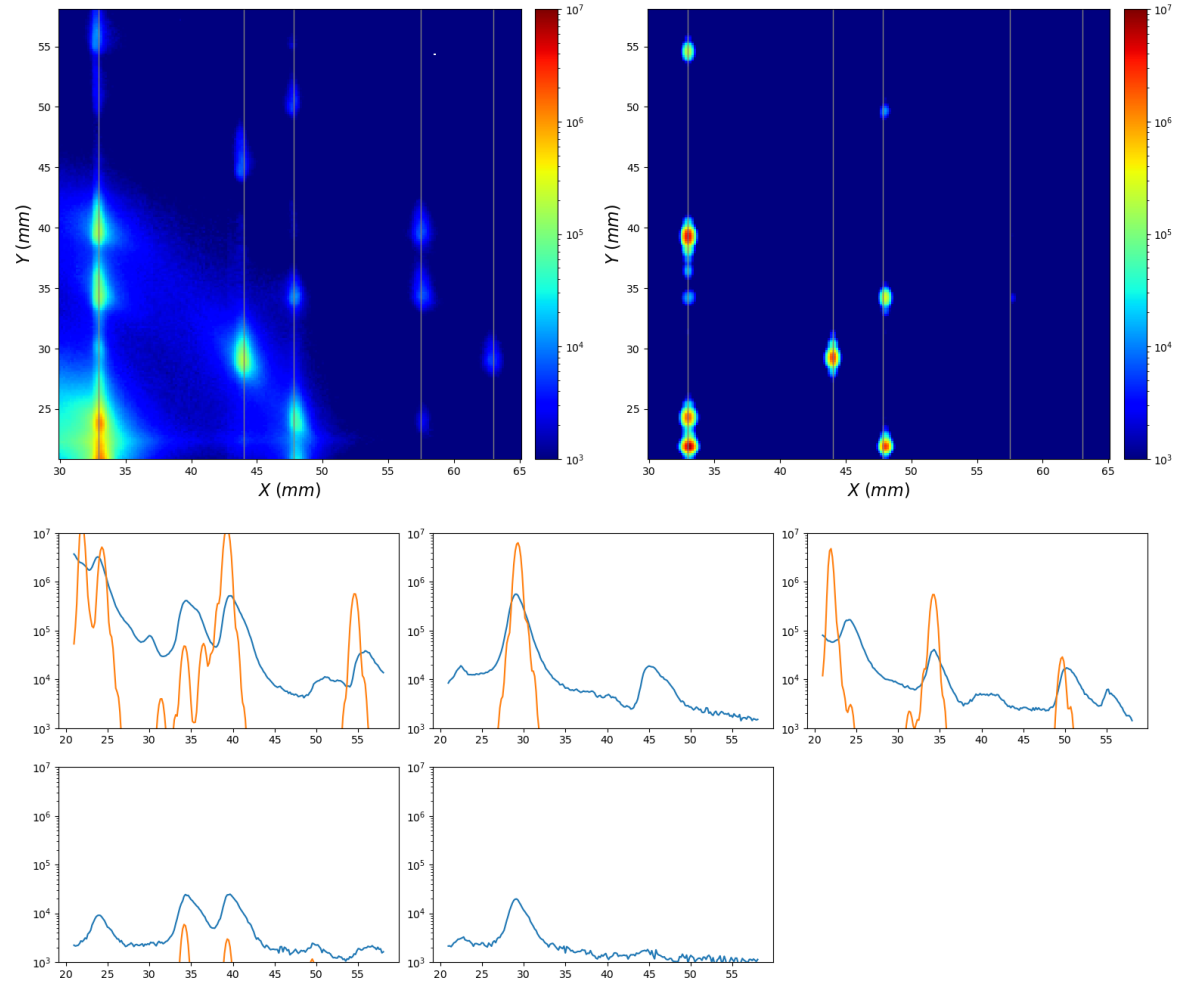
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.526315789473685,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



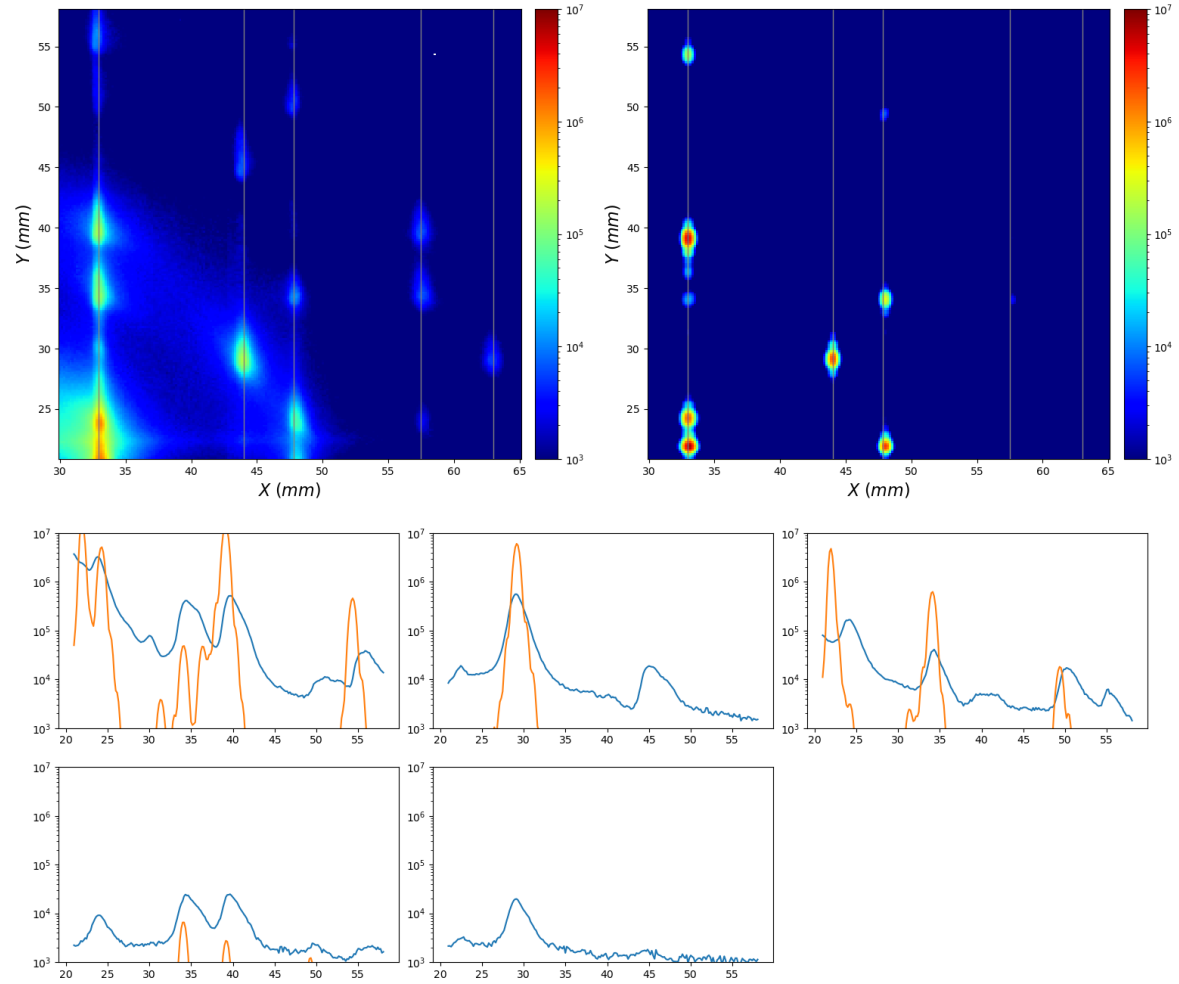
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.736842105263158,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



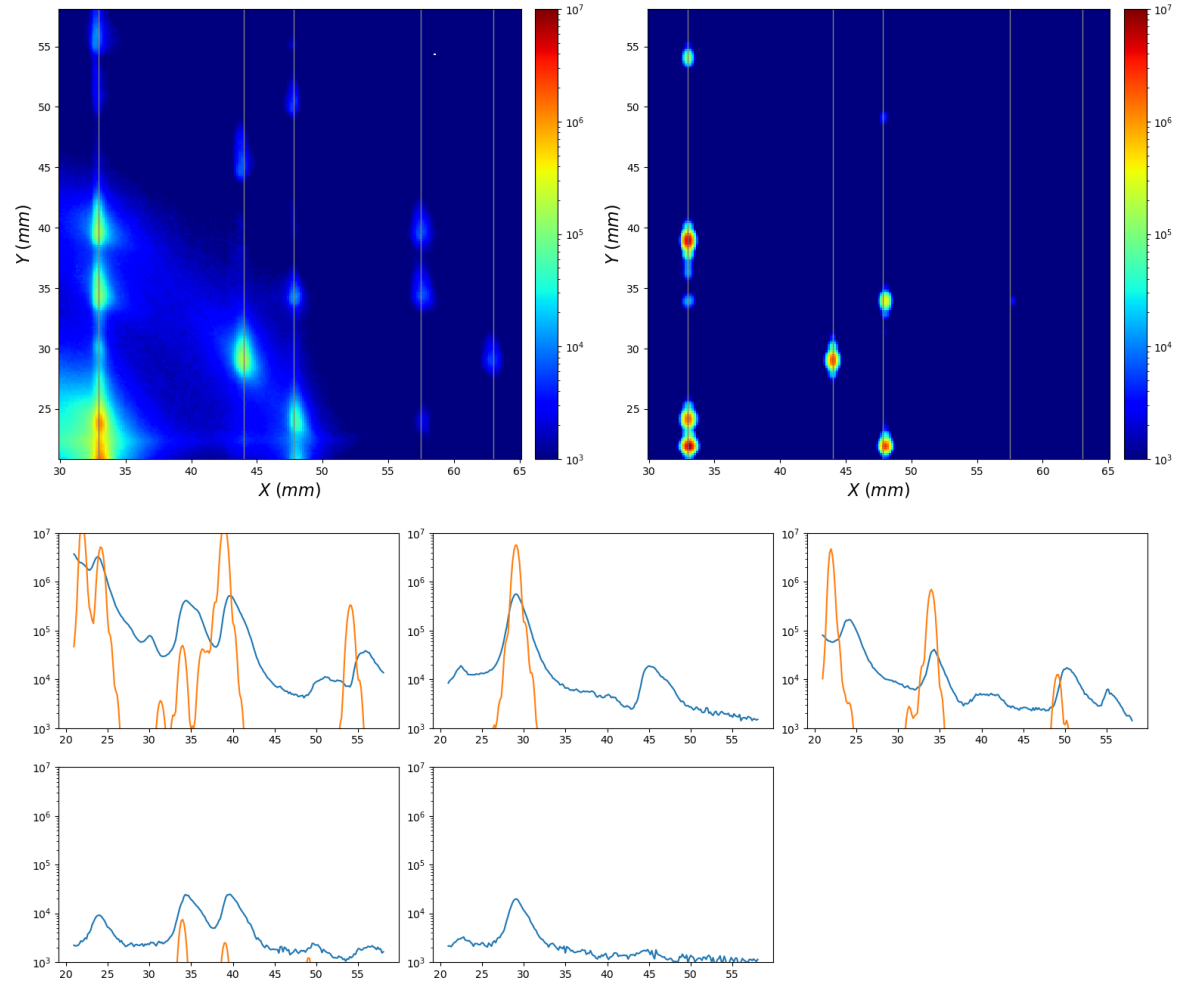
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.94736842105263,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



Single meso, lattice\_length\_c

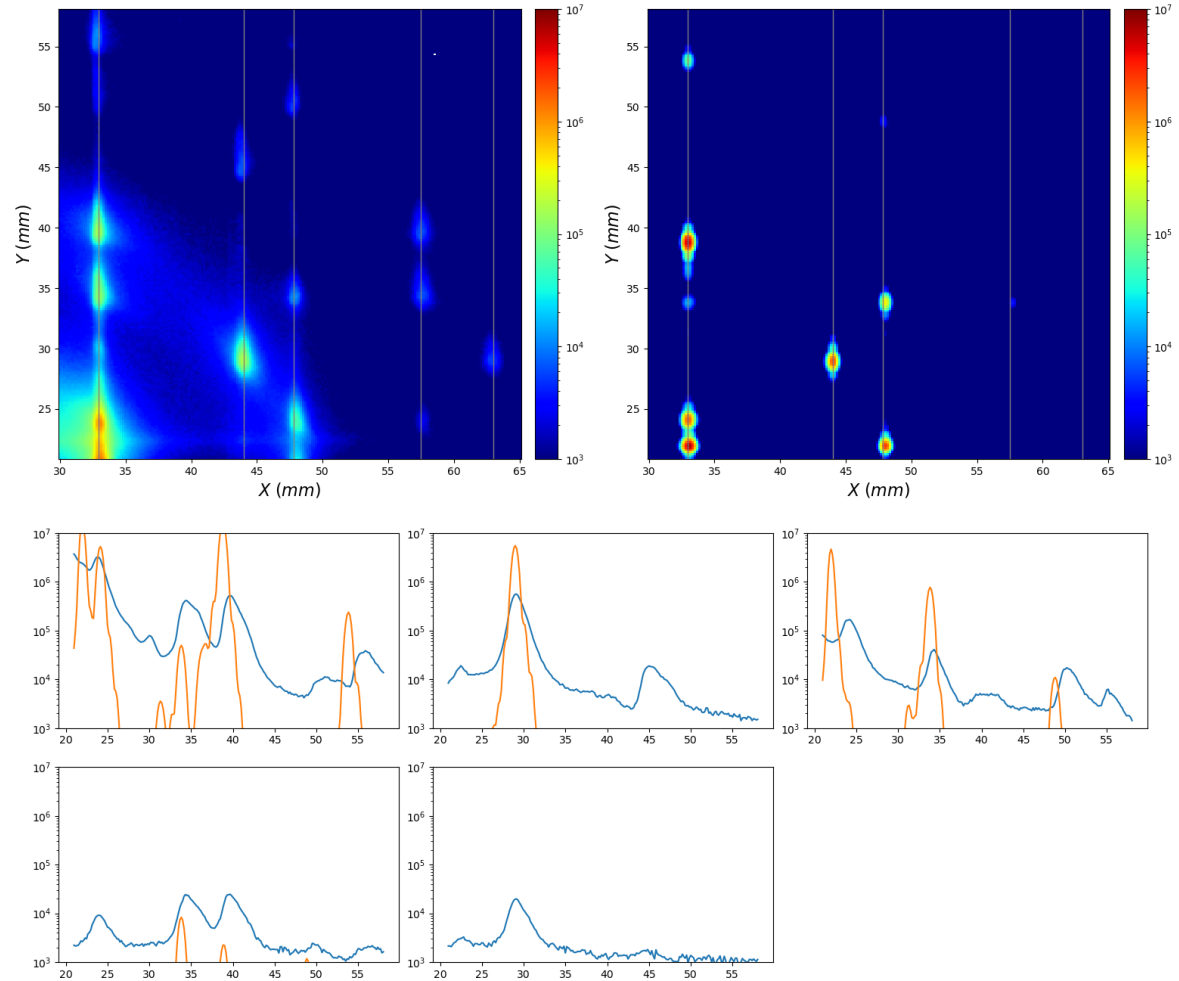
```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 32.1578947368421,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```





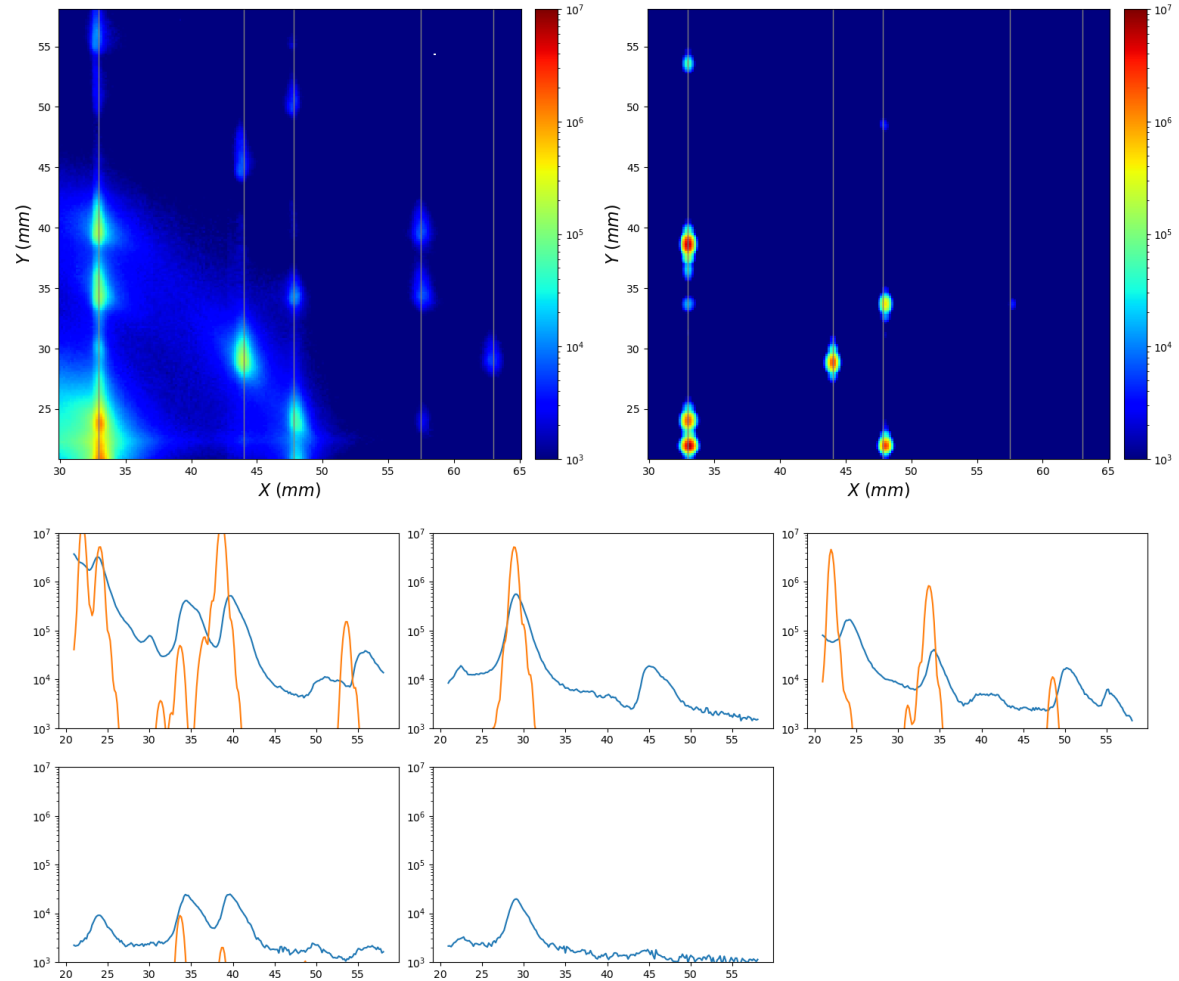
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 32.368421052631575,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



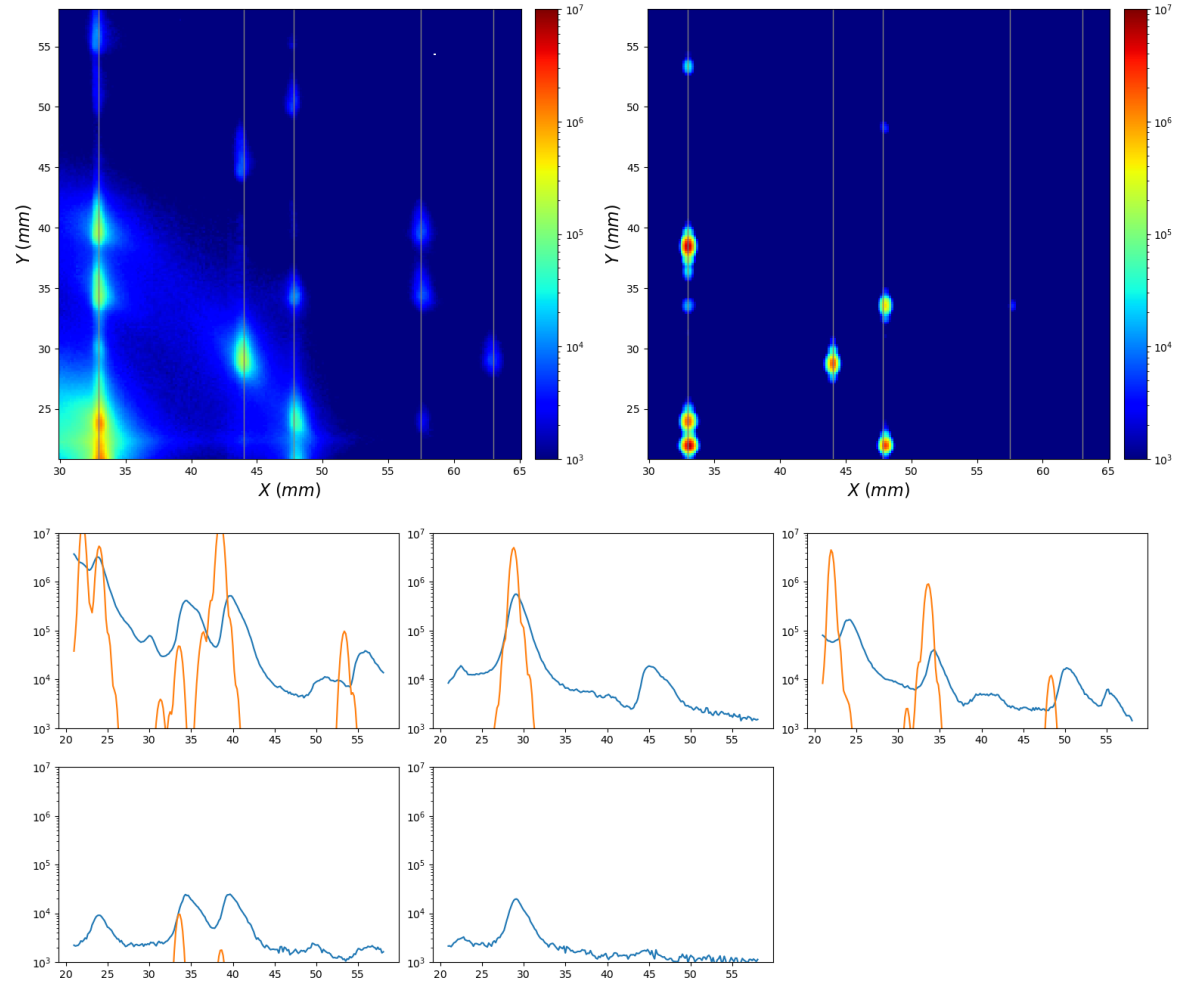
Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 32.578947368421055,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 32.78947368421053,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



Single meso, lattice\_length\_c

```
{
  "sample_builder_type": "SampleBuilderVer2",
  "roughness": 10.0,
  "surface_filling_ratio": 0.2,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "meso_factory_type": "RotatedMesoFactory",
  "phi_start": 0.0,
  "phi_stop": 60.0,
  "phi_steps": 60,
  "tilt_start": 0.0,
  "tilt_stop": 1.0,
  "tilt_steps": 1,
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 33.0,
  "nparticles": 10,
  "nanoparticle_radius": 5.0,
  "sigma_nanoparticle_radius": 0.3,
  "meso_height": 200,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 80.0,
  "sigma_lattice_length_a": 1.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```

