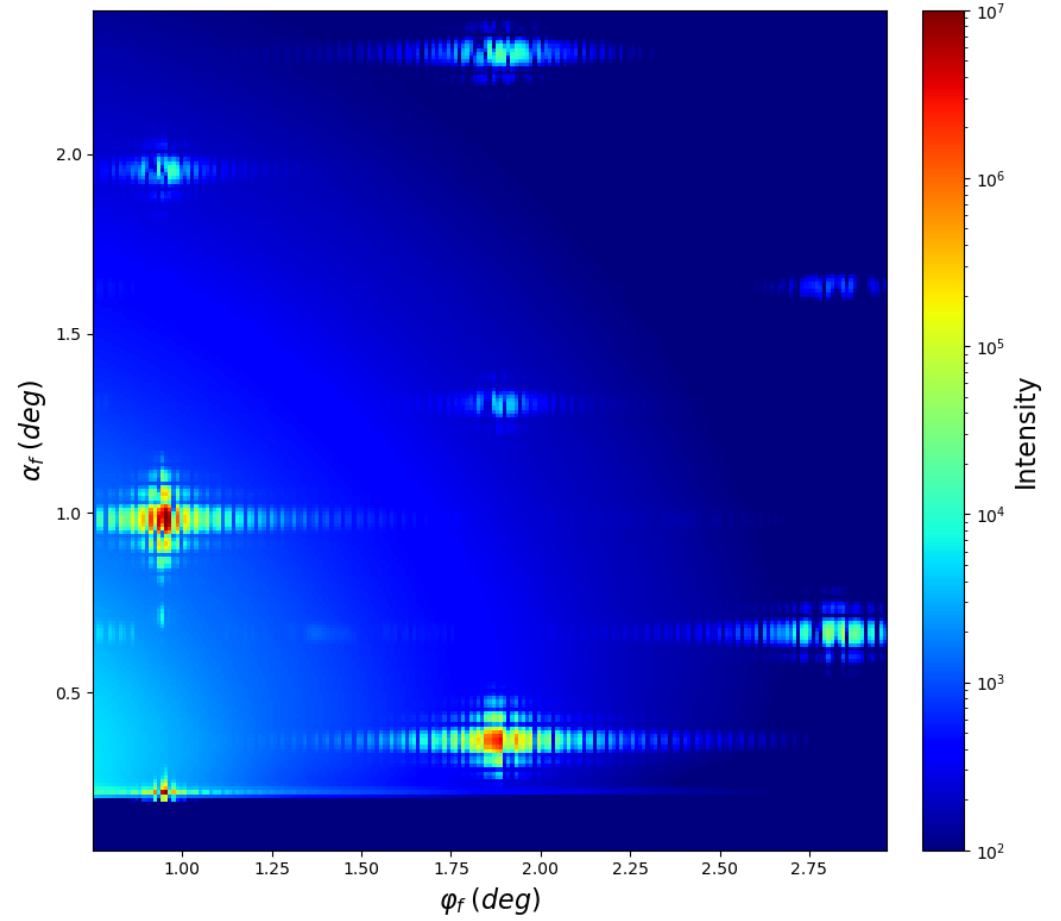


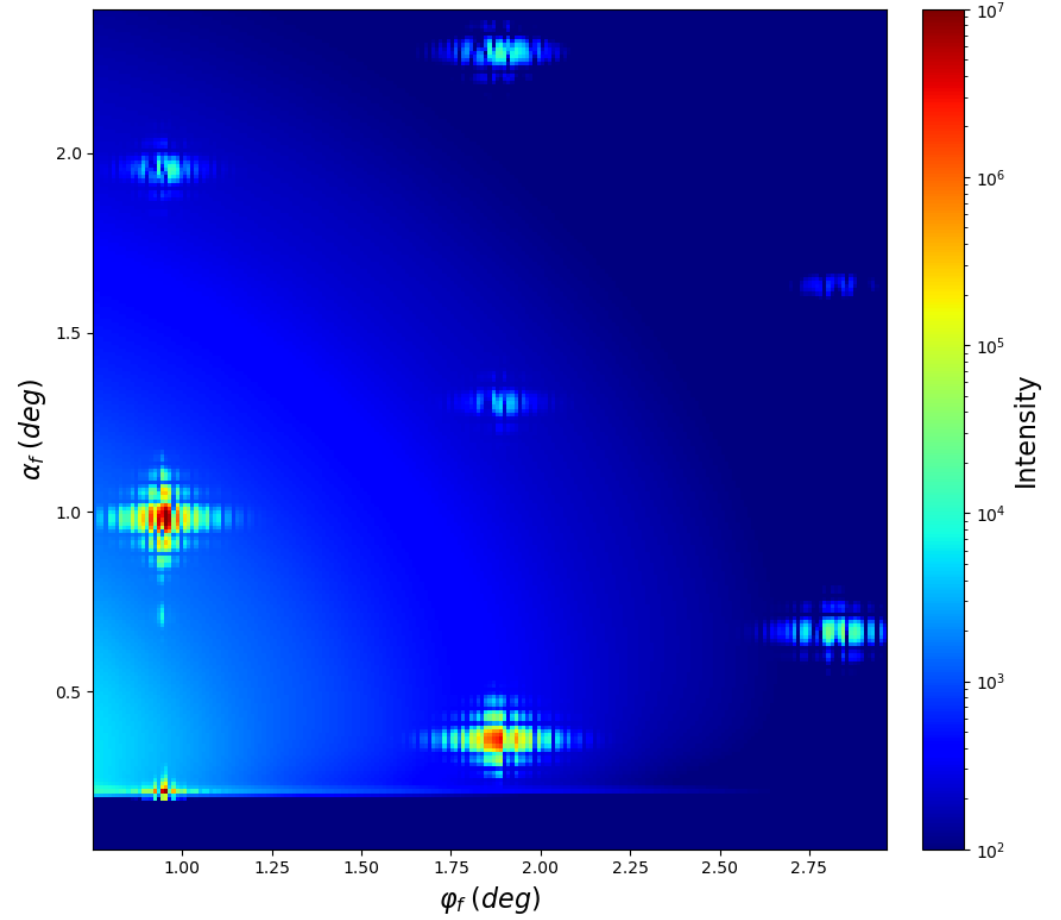
Single meso, sigma_meso_radius

```
{  
  "sample_builder_type": "SampleBuilderVer1",  
  "roughness": 6.0,  
  "surface_filling_ratio": 0.25,  
  "average_layer_thickness": 600,  
  "meso_elevation": 0,  
  "meso_factory_type": "SingleMesoFactory",  
  "meso_builder_type": "MesoCrystalBuilder",  
  "lattice_length_a": 12.45,  
  "lattice_length_c": 31.0,  
  "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": 2.0,  
  "sigma_lattice_length_a": 0.5,  
  "rotation_x": 0.0,  
  "rotation_z": 0.0  
}
```



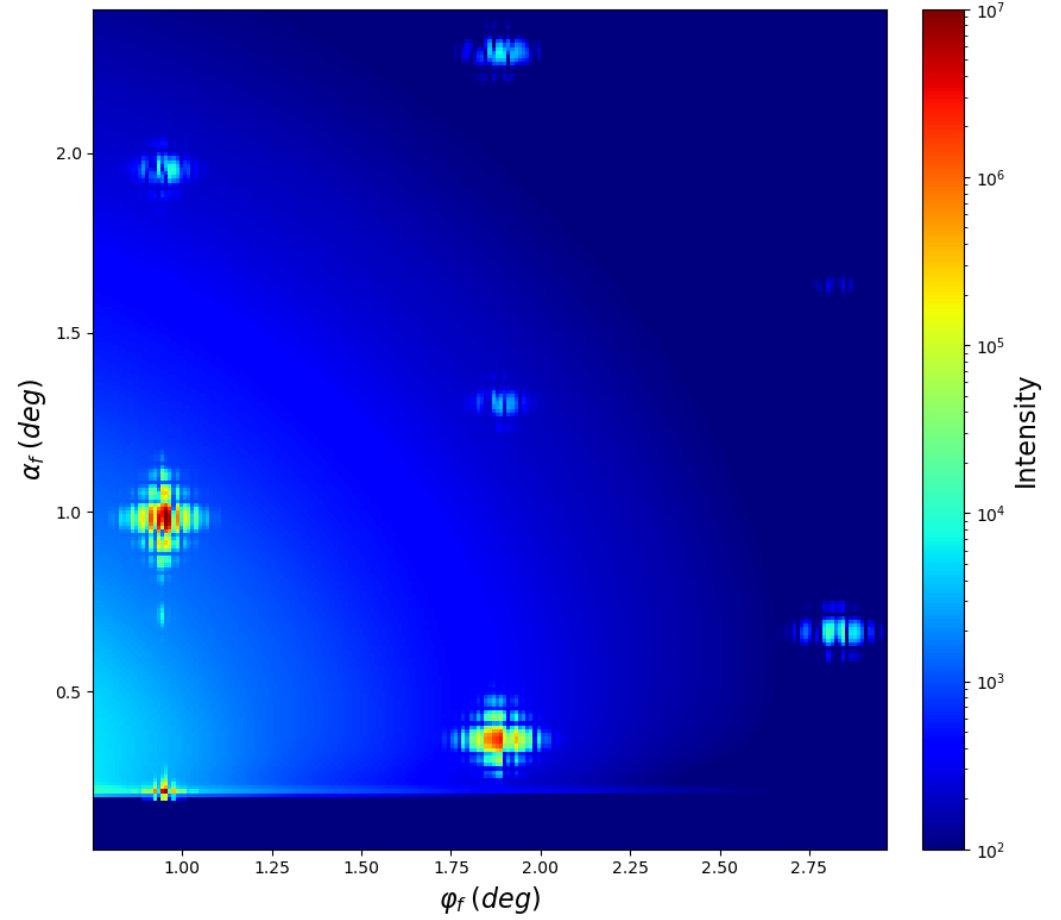
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 11.9,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



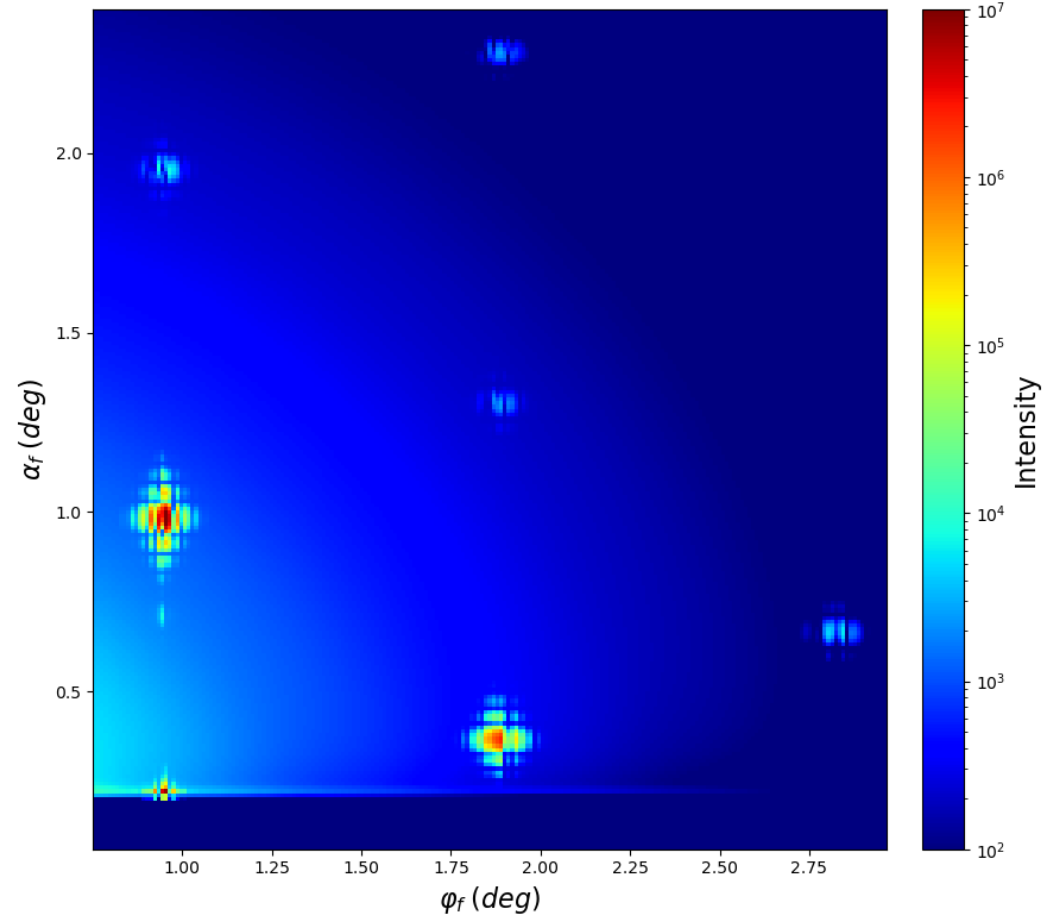
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 21.8,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



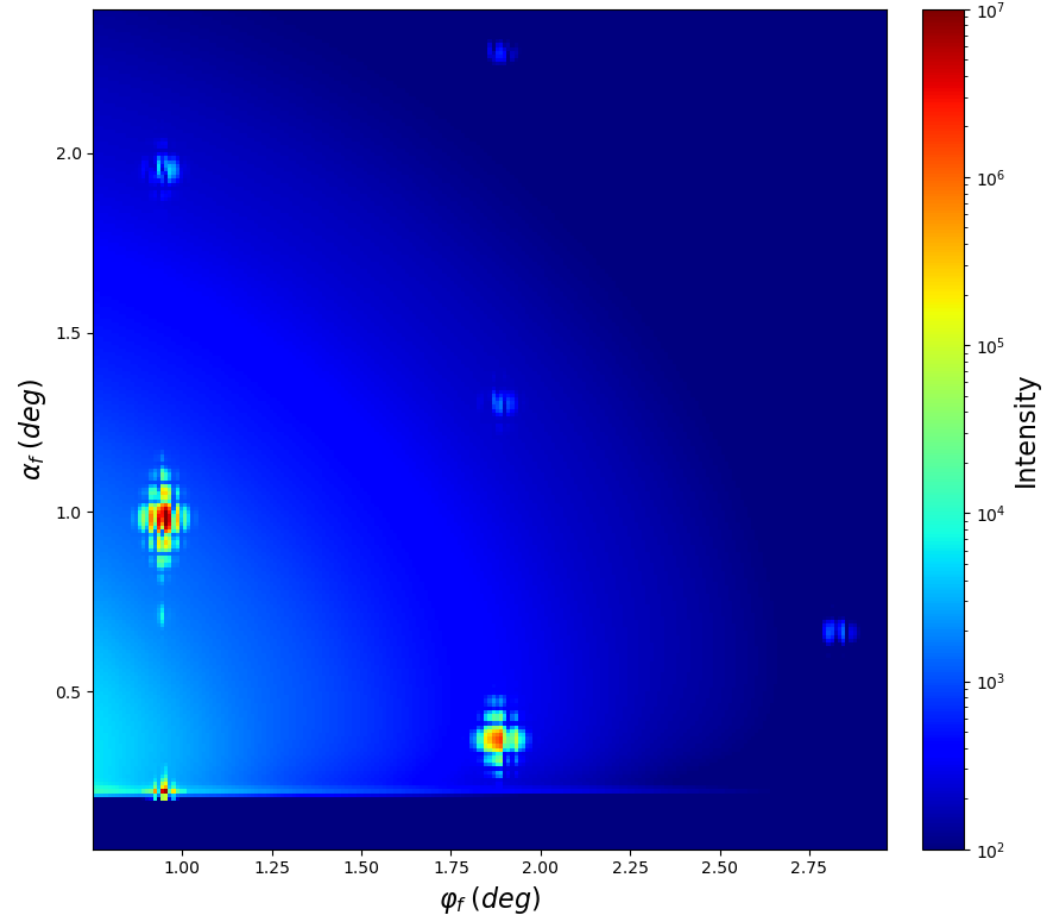
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 31.700000000000003,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



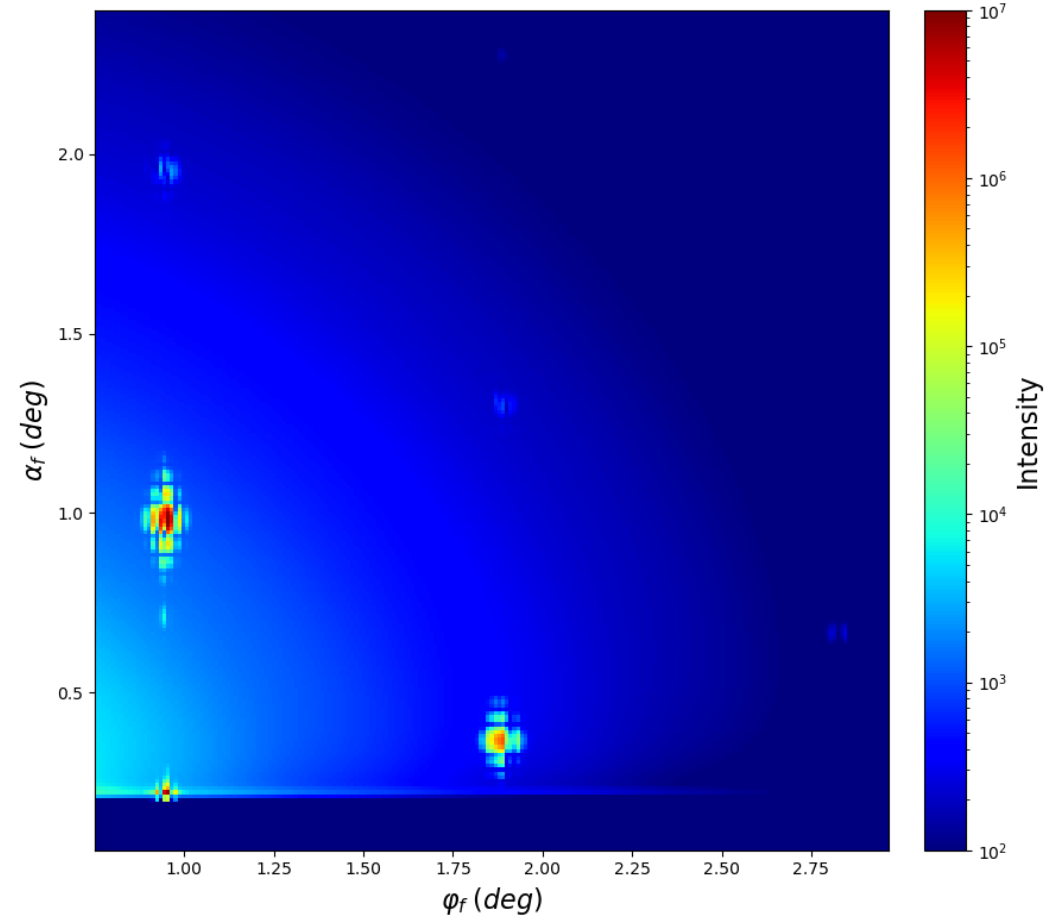
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 41.6,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



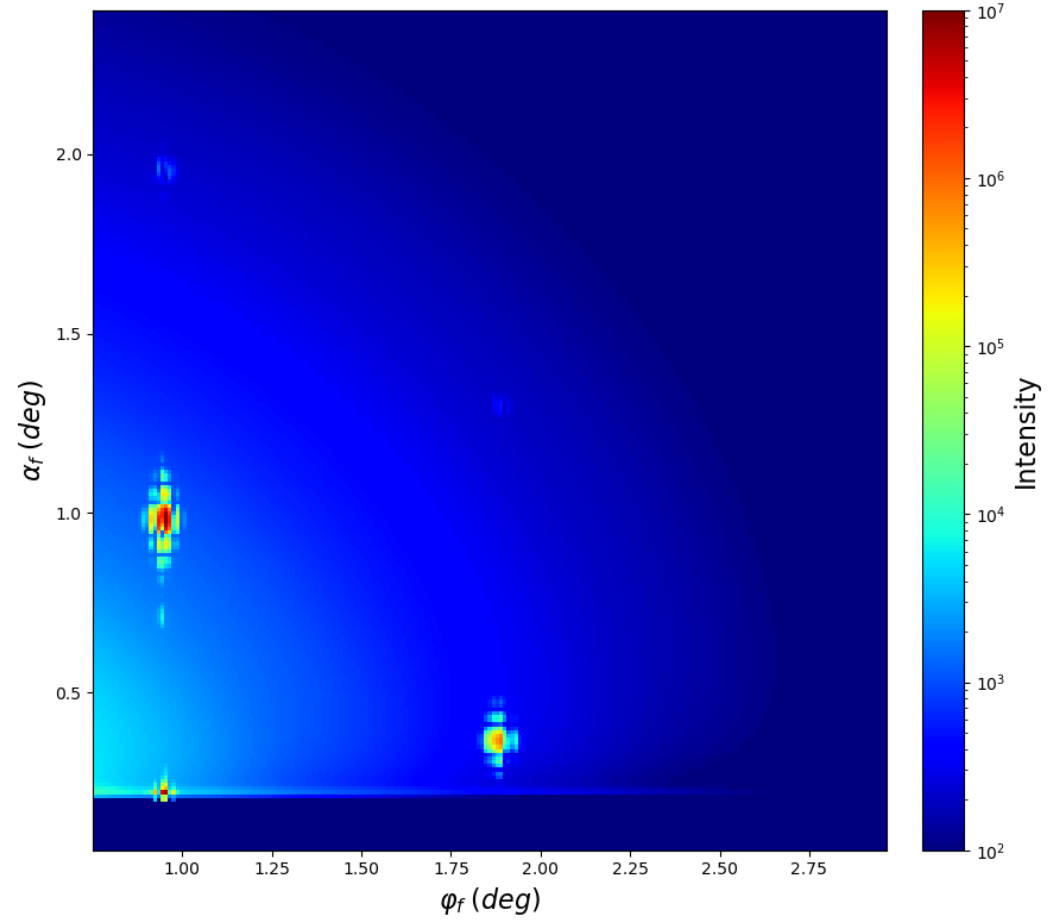
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 51.5,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



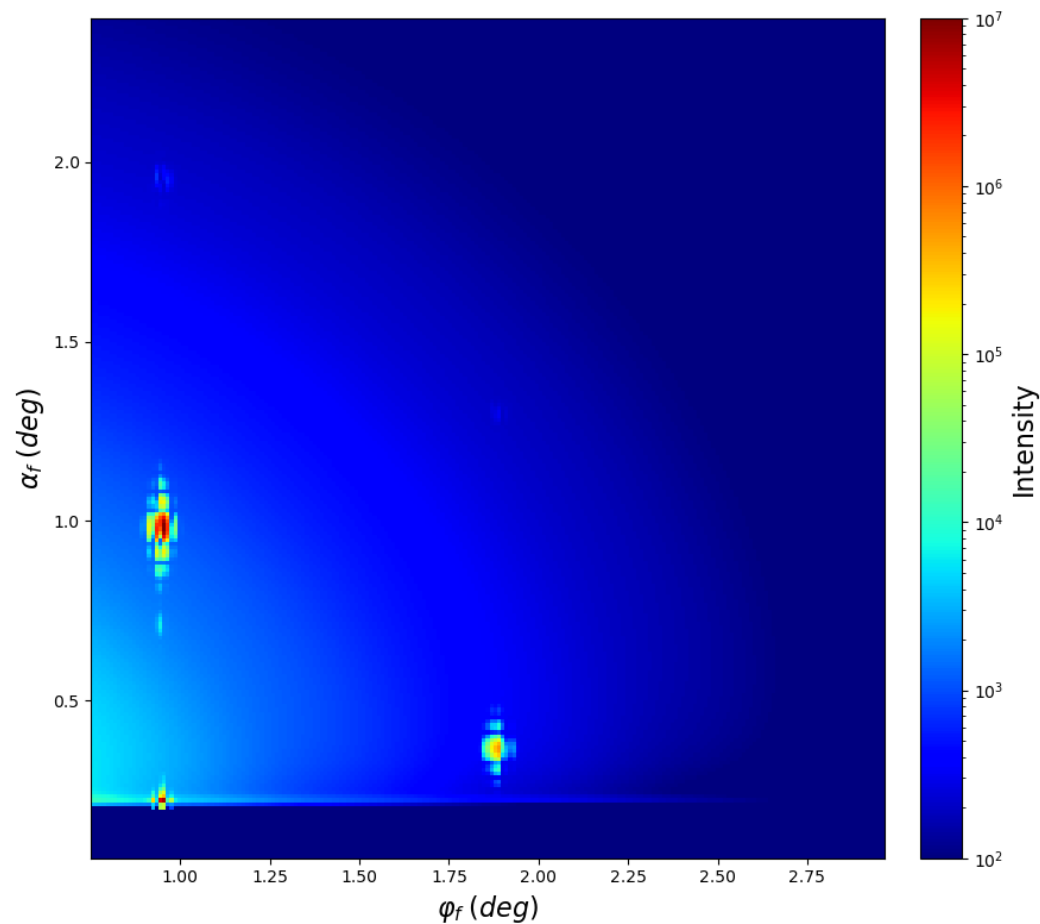
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 61.400000000000006,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



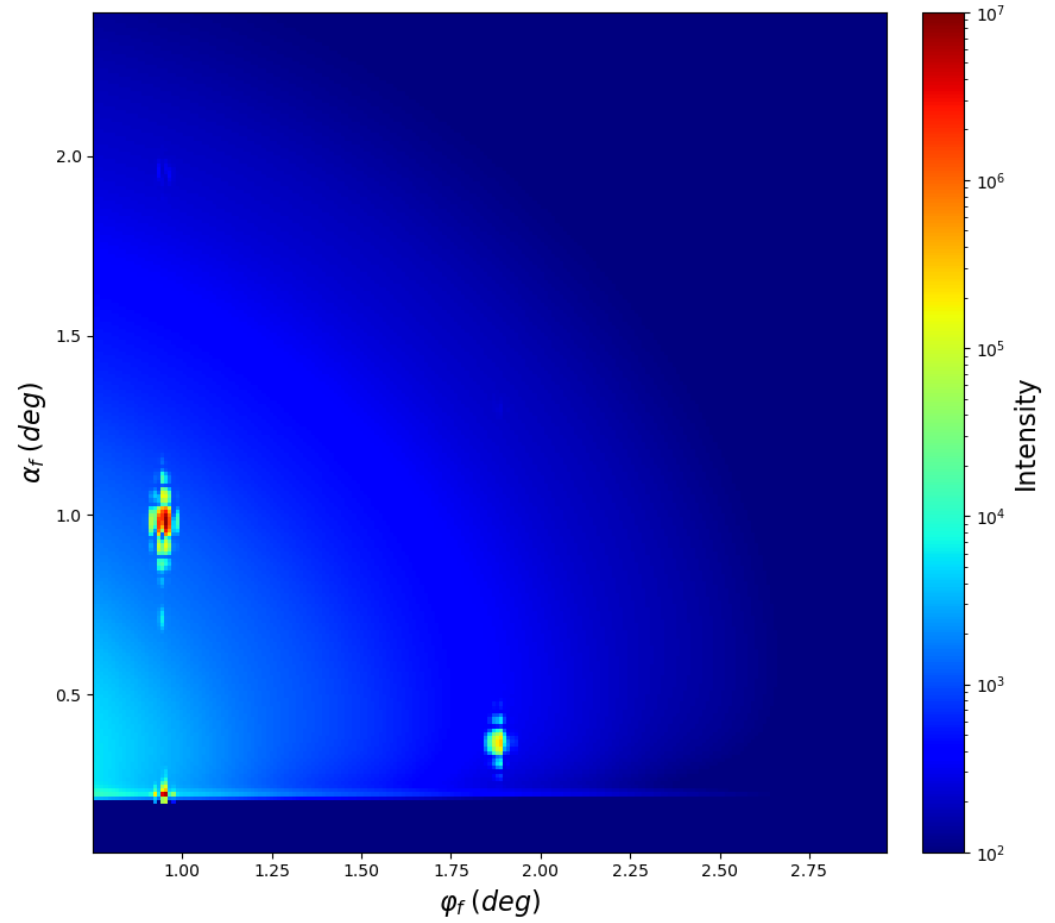
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 71.3,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



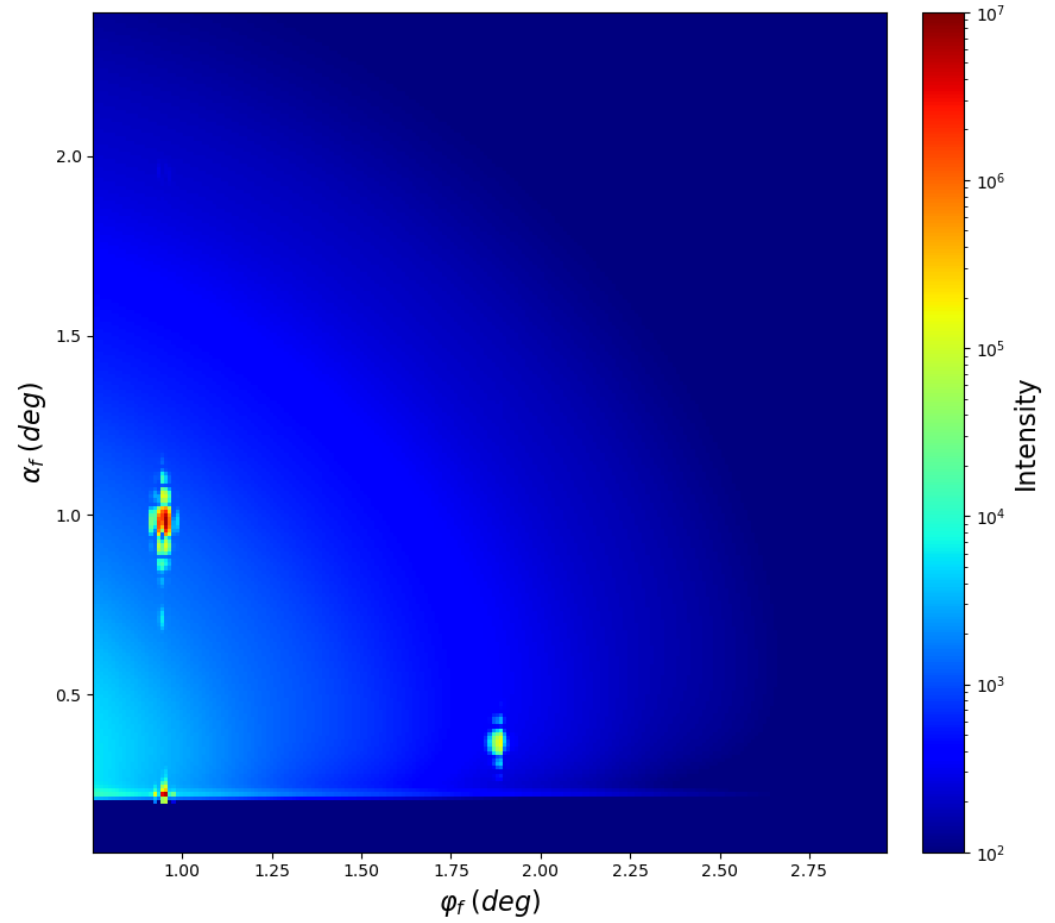
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 81.2,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



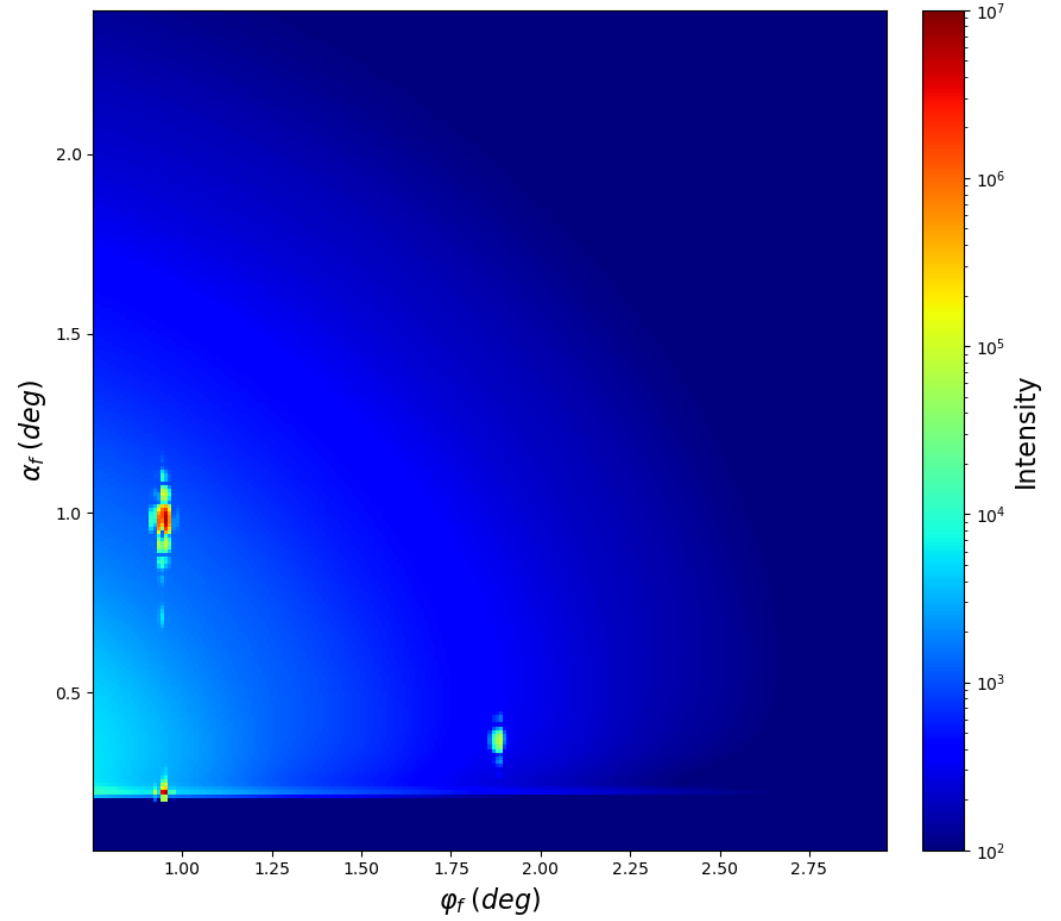
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 91.10000000000001,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



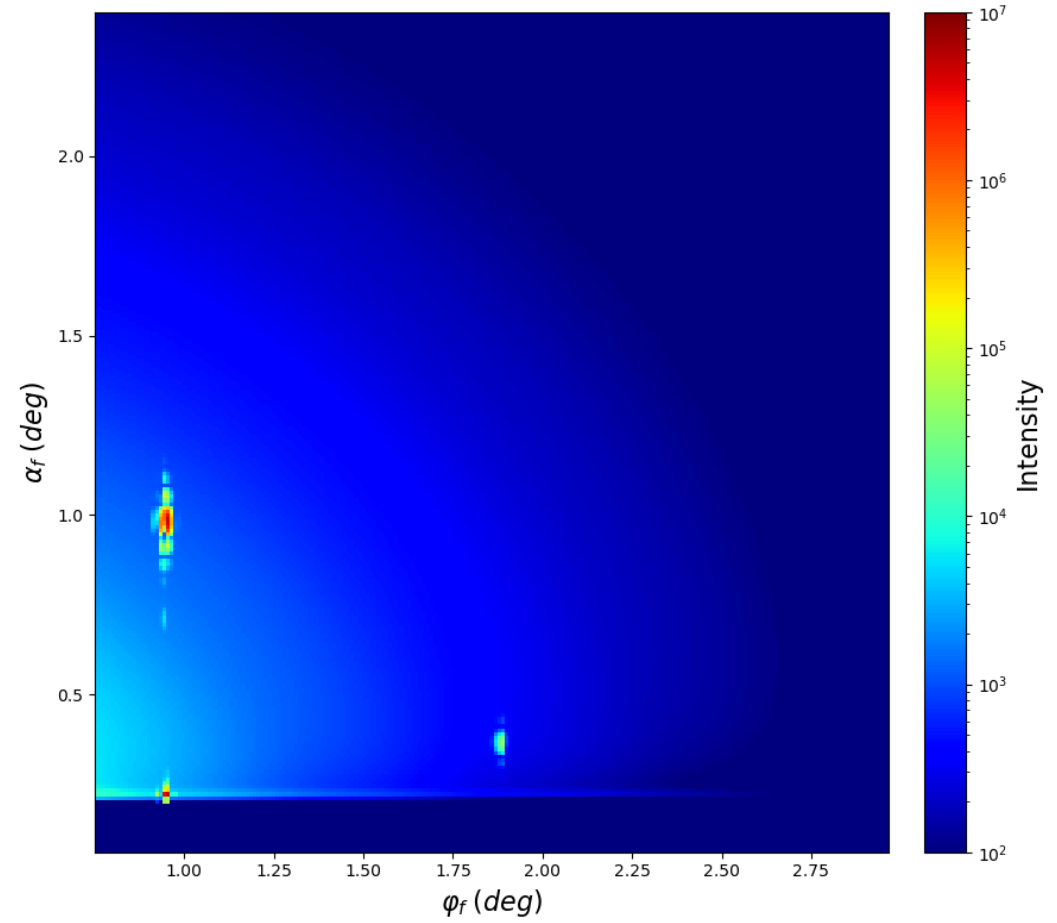
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 101.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



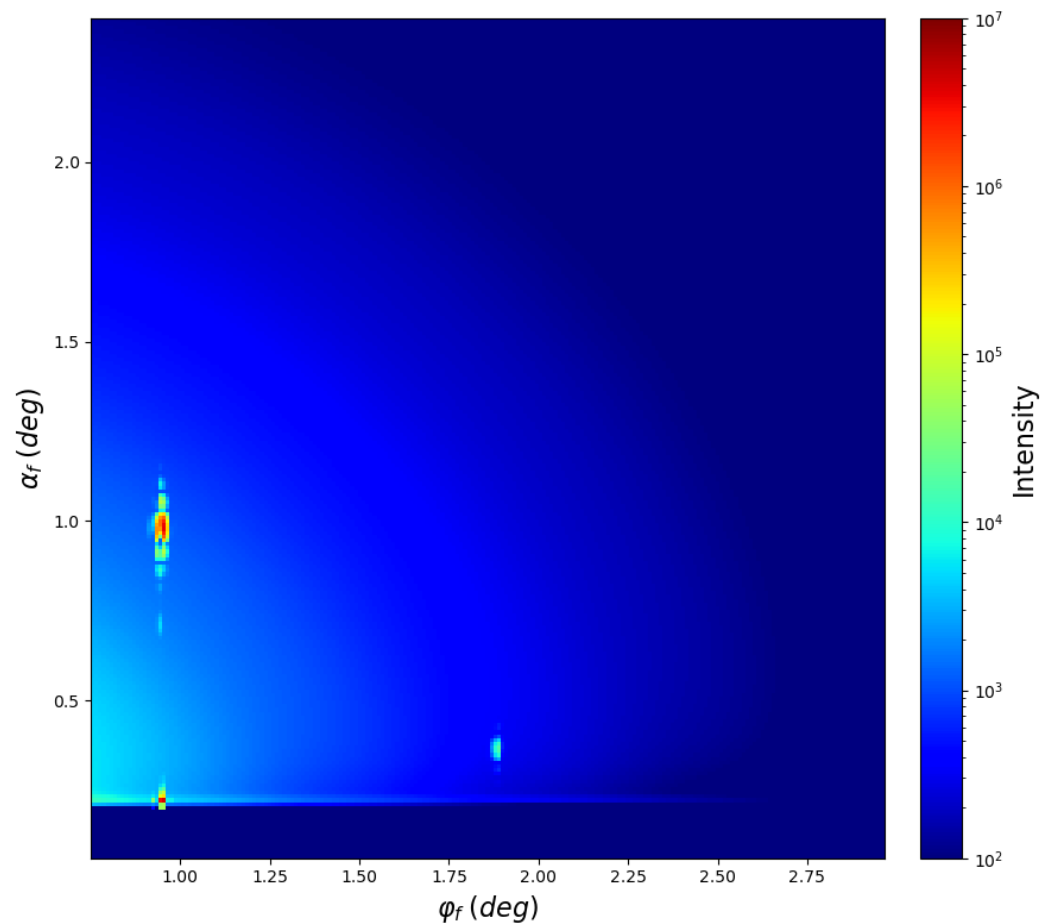
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 110.9,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



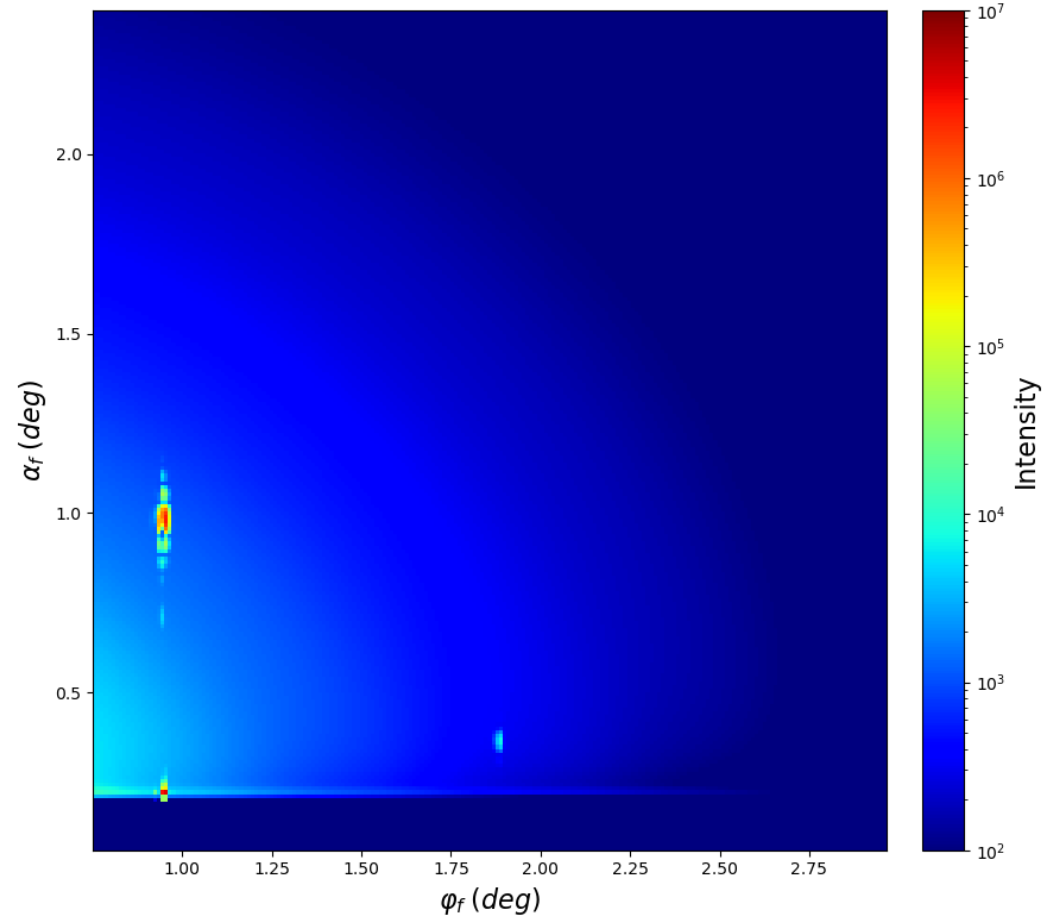
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 120.80000000000001,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



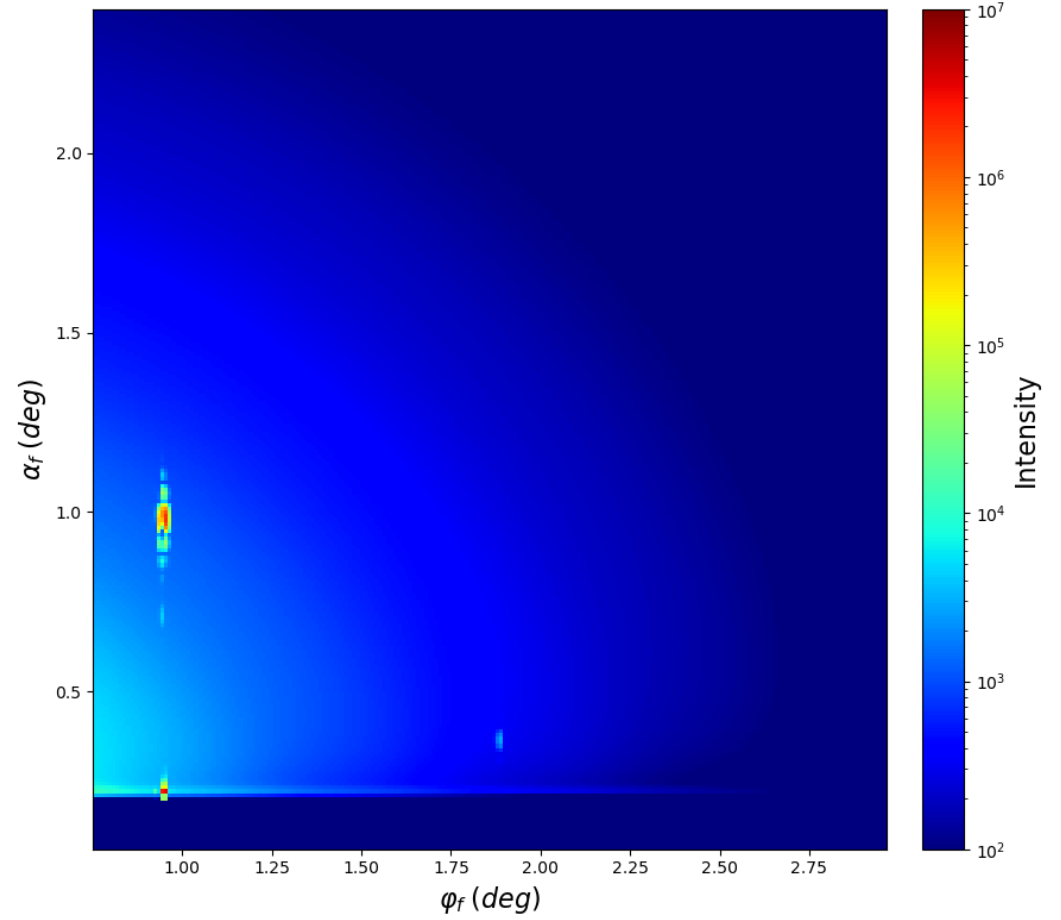
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 130.70000000000002,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



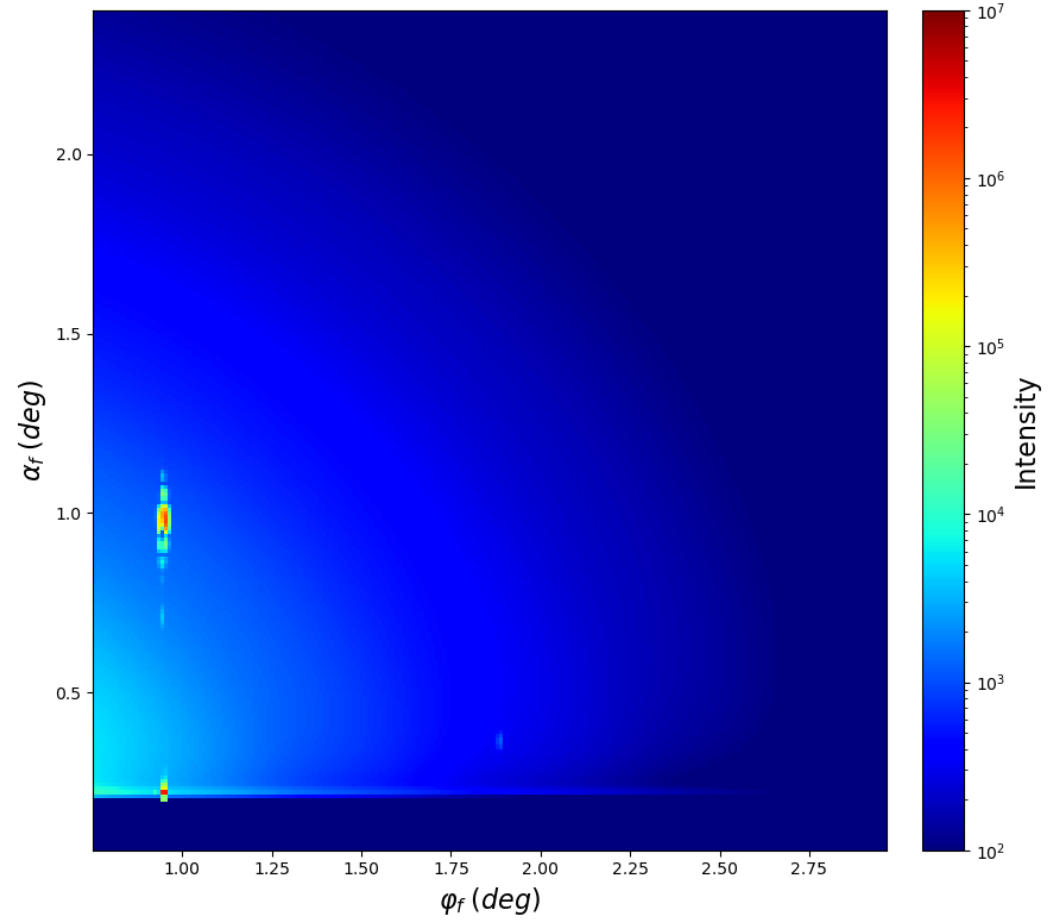
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 140.6,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



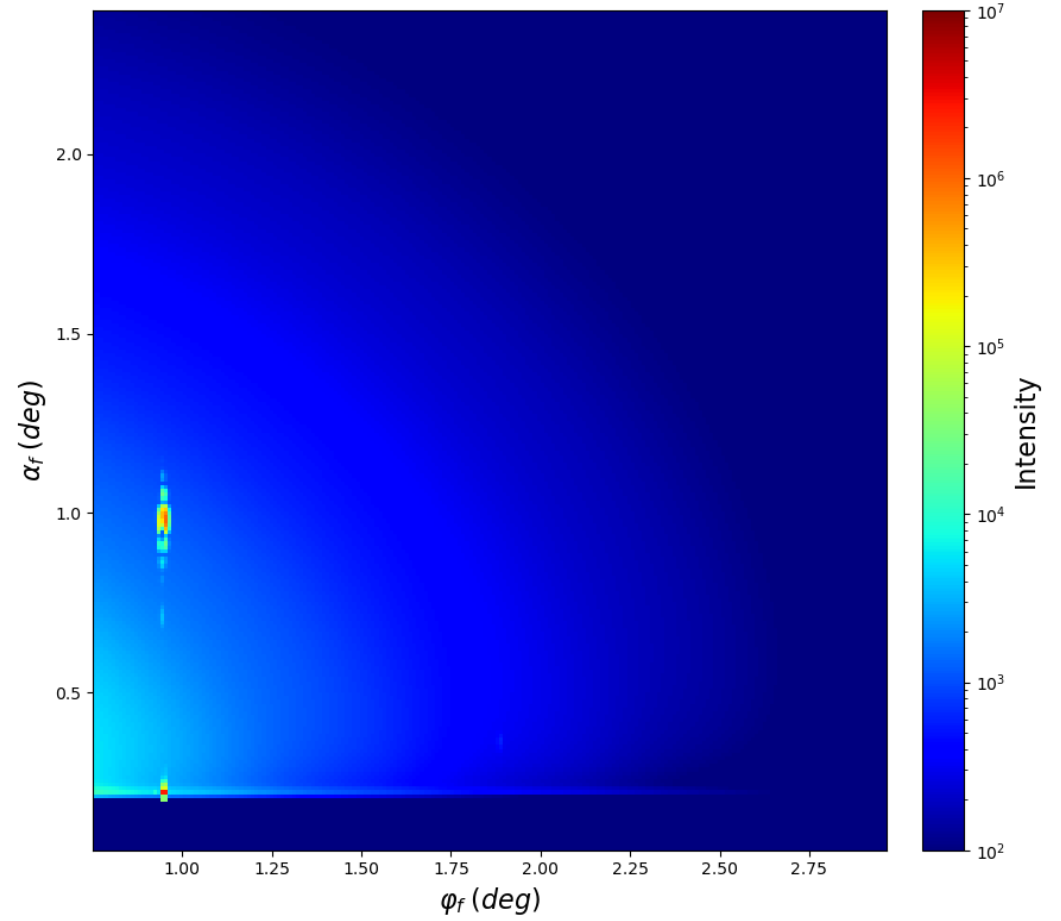
Single meso, sigma_meso_radius

```
{  
  "sample_builder_type": "SampleBuilderVer1",  
  "roughness": 6.0,  
  "surface_filling_ratio": 0.25,  
  "average_layer_thickness": 600,  
  "meso_elevation": 0,  
  "meso_factory_type": "SingleMesoFactory",  
  "meso_builder_type": "MesoCrystalBuilder",  
  "lattice_length_a": 12.45,  
  "lattice_length_c": 31.0,  
  "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": 150.5,  
  "sigma_lattice_length_a": 0.5,  
  "rotation_x": 0.0,  
  "rotation_z": 0.0  
}
```



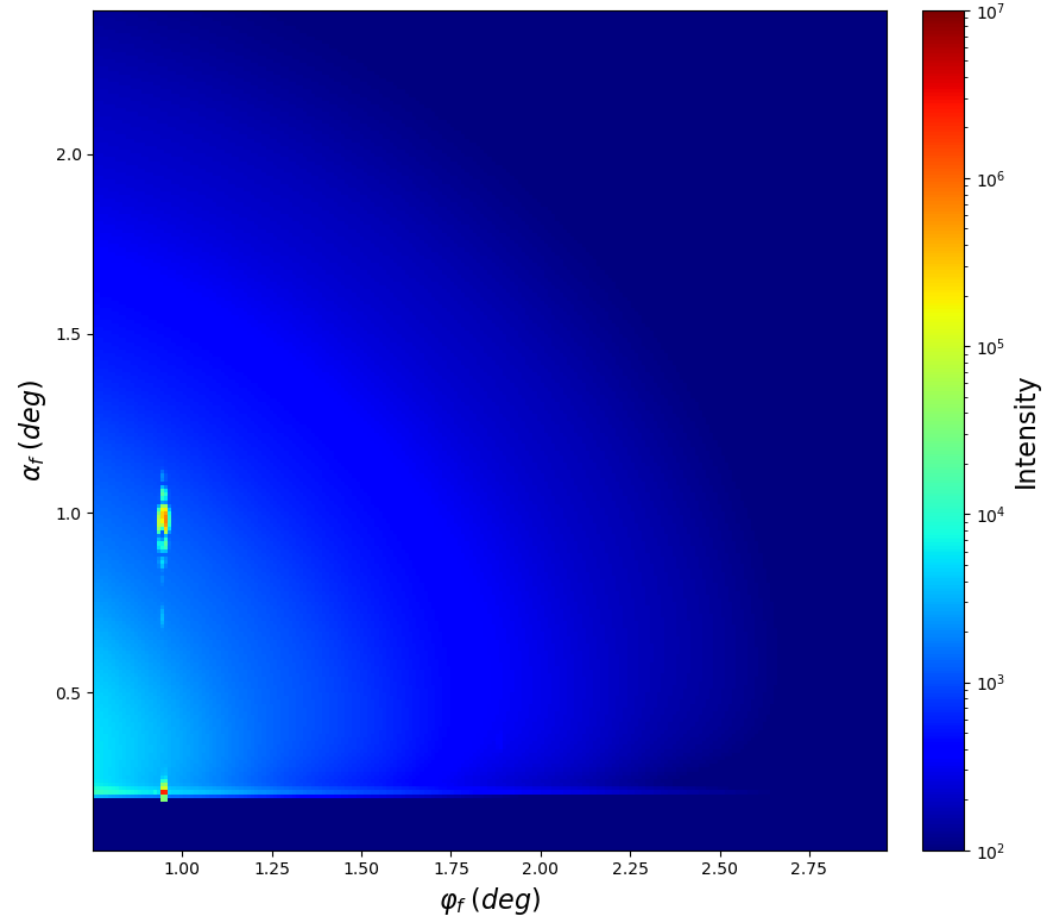
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 160.4,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



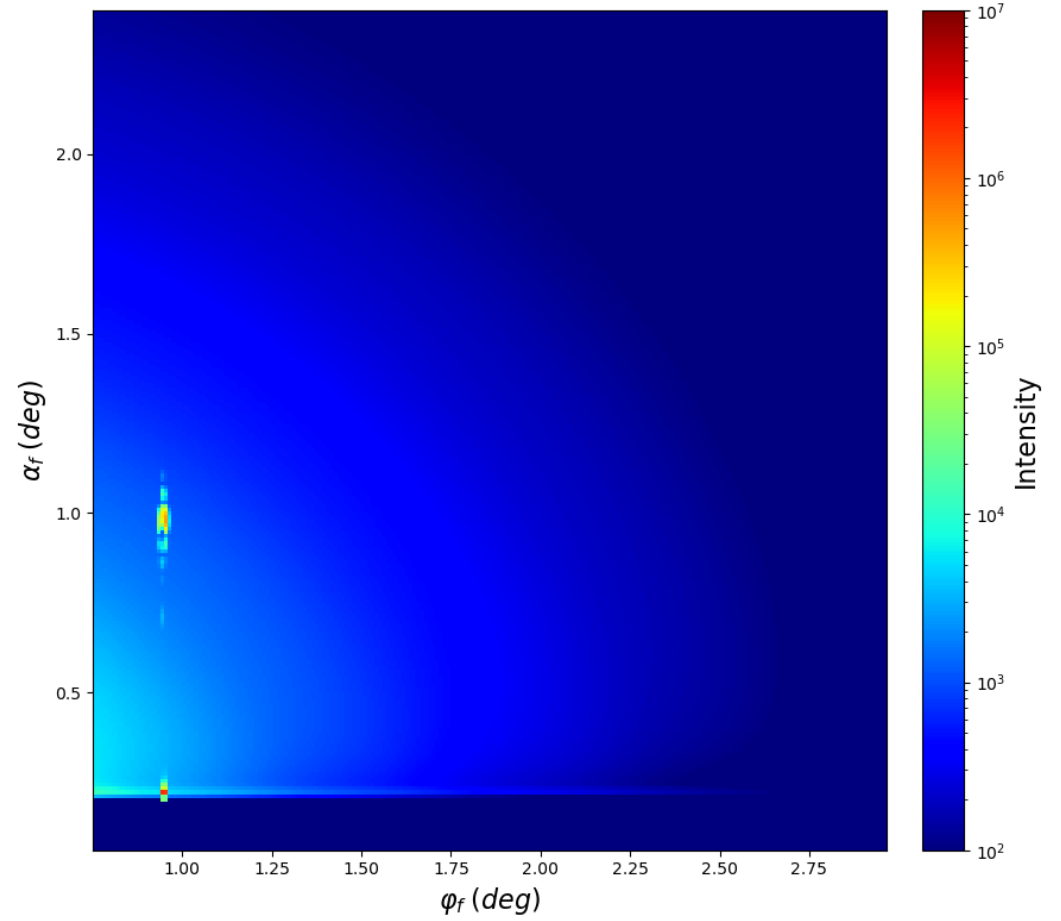
Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 170.3,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



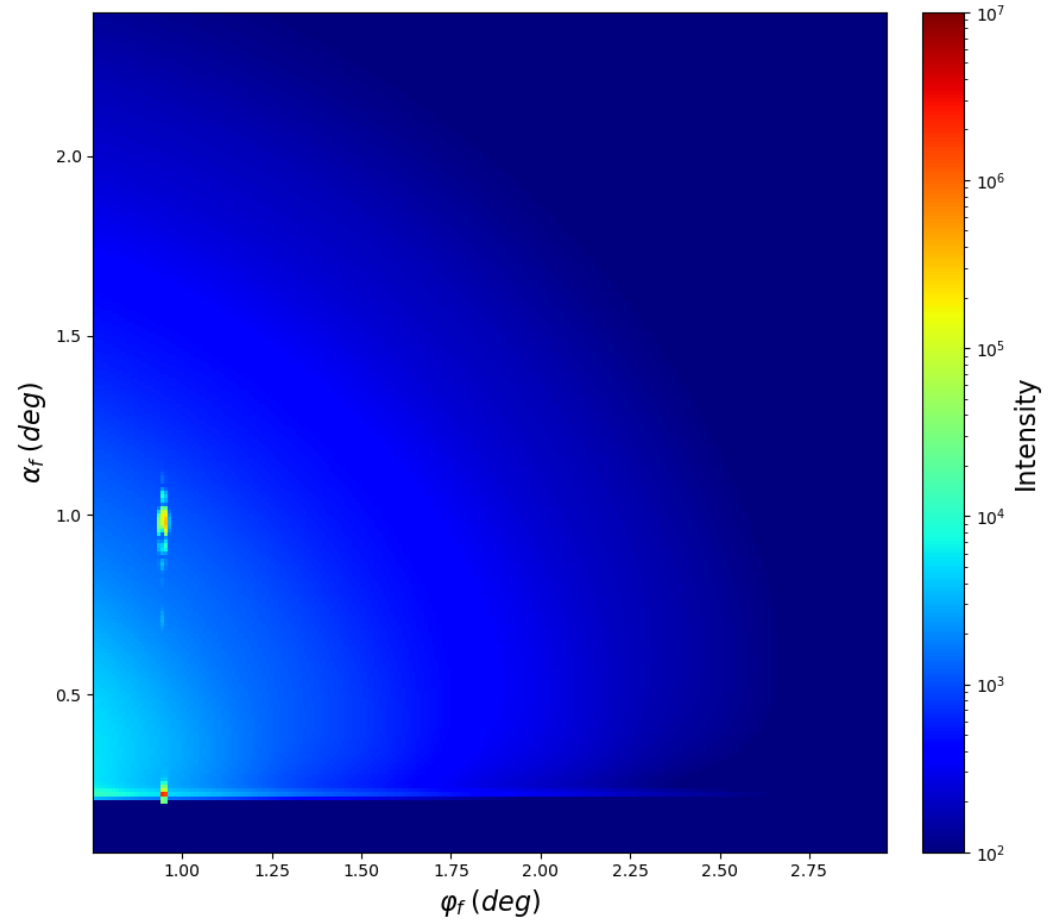
Single meso, sigma_meso_radius

```
{  
  "sample_builder_type": "SampleBuilderVer1",  
  "roughness": 6.0,  
  "surface_filling_ratio": 0.25,  
  "average_layer_thickness": 600,  
  "meso_elevation": 0,  
  "meso_factory_type": "SingleMesoFactory",  
  "meso_builder_type": "MesoCrystalBuilder",  
  "lattice_length_a": 12.45,  
  "lattice_length_c": 31.0,  
  "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": 180.20000000000002,  
  "sigma_lattice_length_a": 0.5,  
  "rotation_x": 0.0,  
  "rotation_z": 0.0  
}
```



Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 190.1,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



Single meso, sigma_meso_radius

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 0,
  "meso_factory_type": "SingleMesoFactory",
  "meso_builder_type": "MesoCrystalBuilder",
  "lattice_length_a": 12.45,
  "lattice_length_c": 31.0,
  "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": 200.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```

