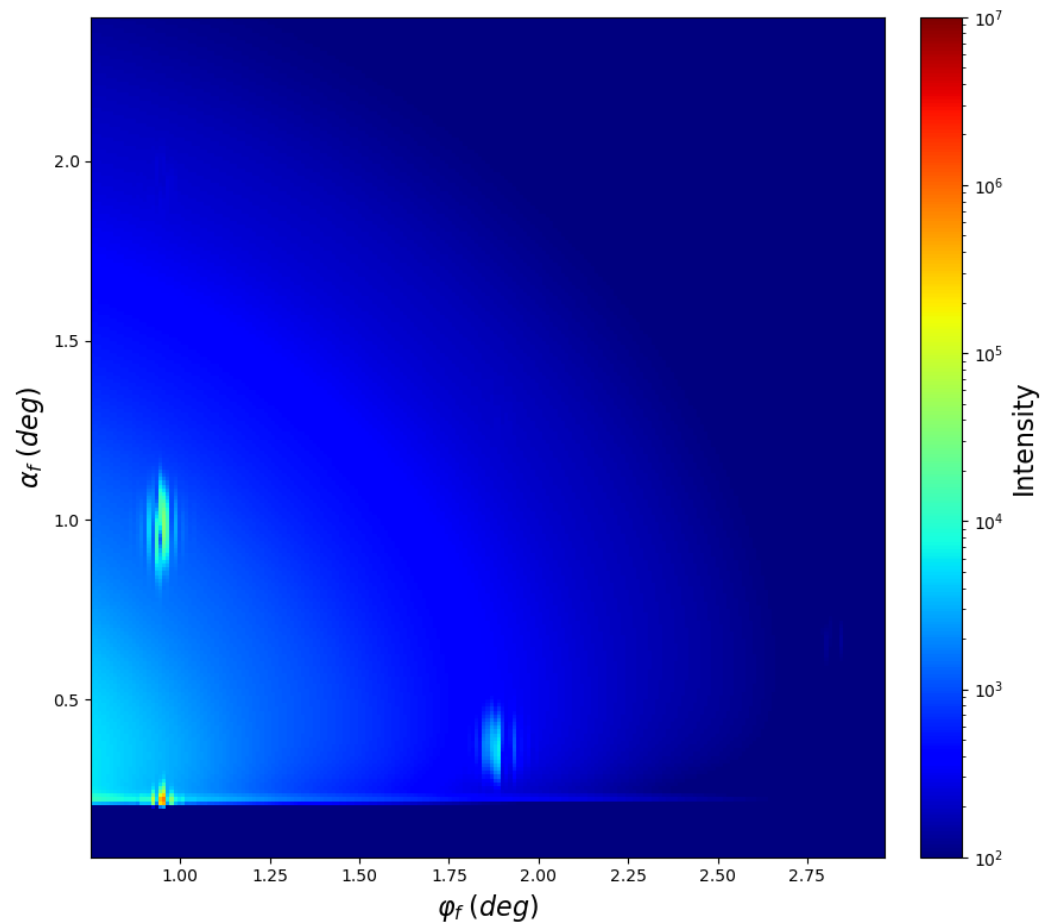


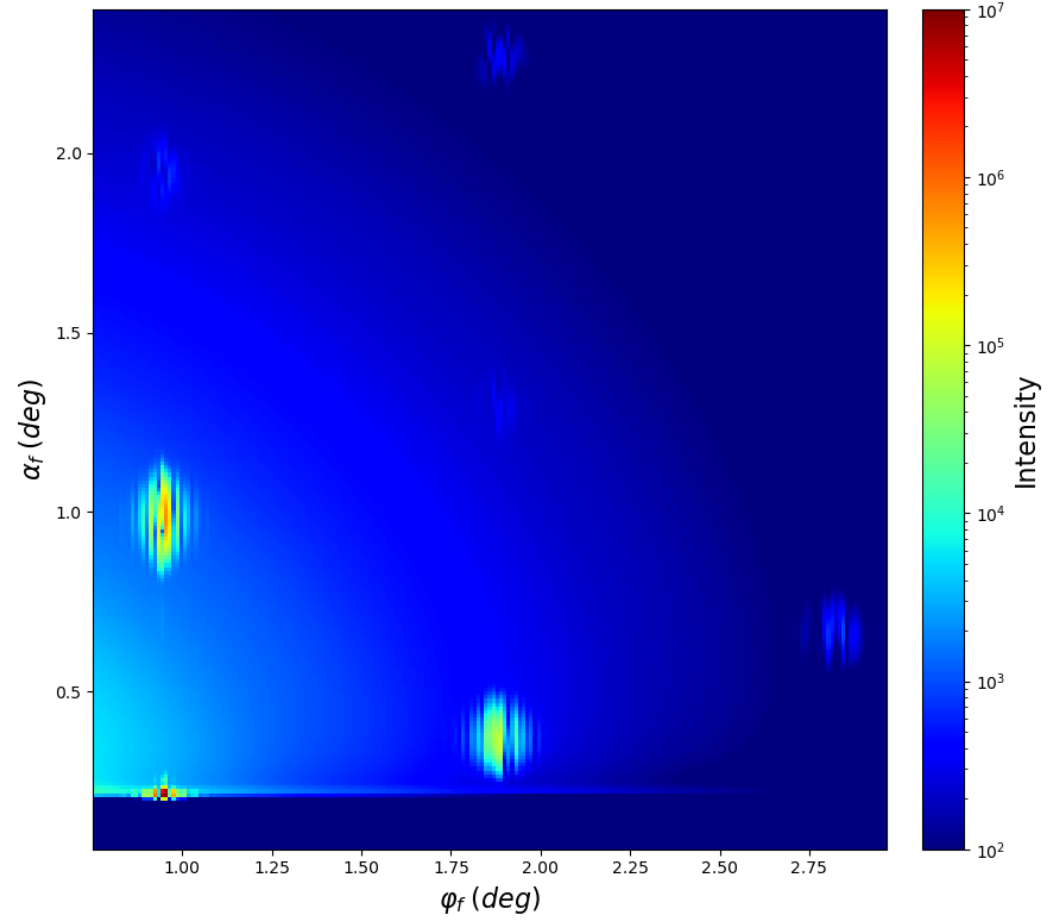
Single meso, meso_height

```
{
  "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": 10.0,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



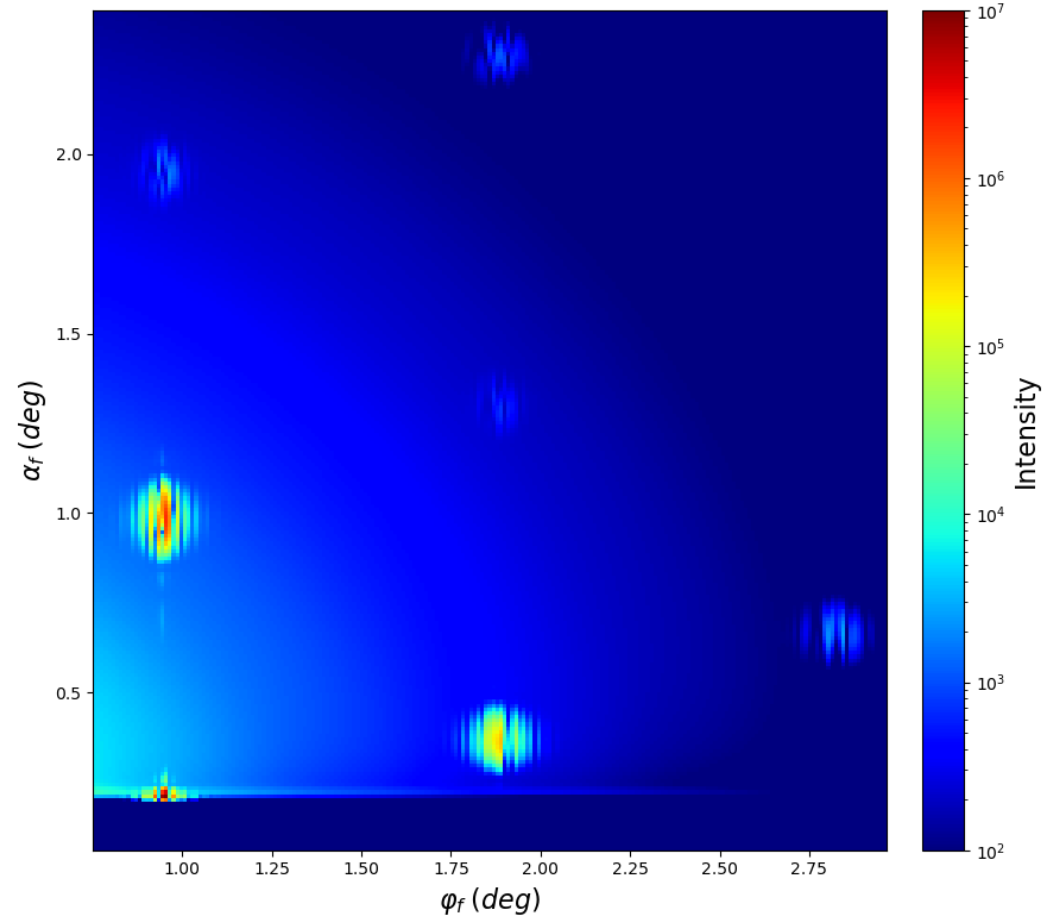
Single meso, meso_height

```
{
  "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": 41.05263157894737,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



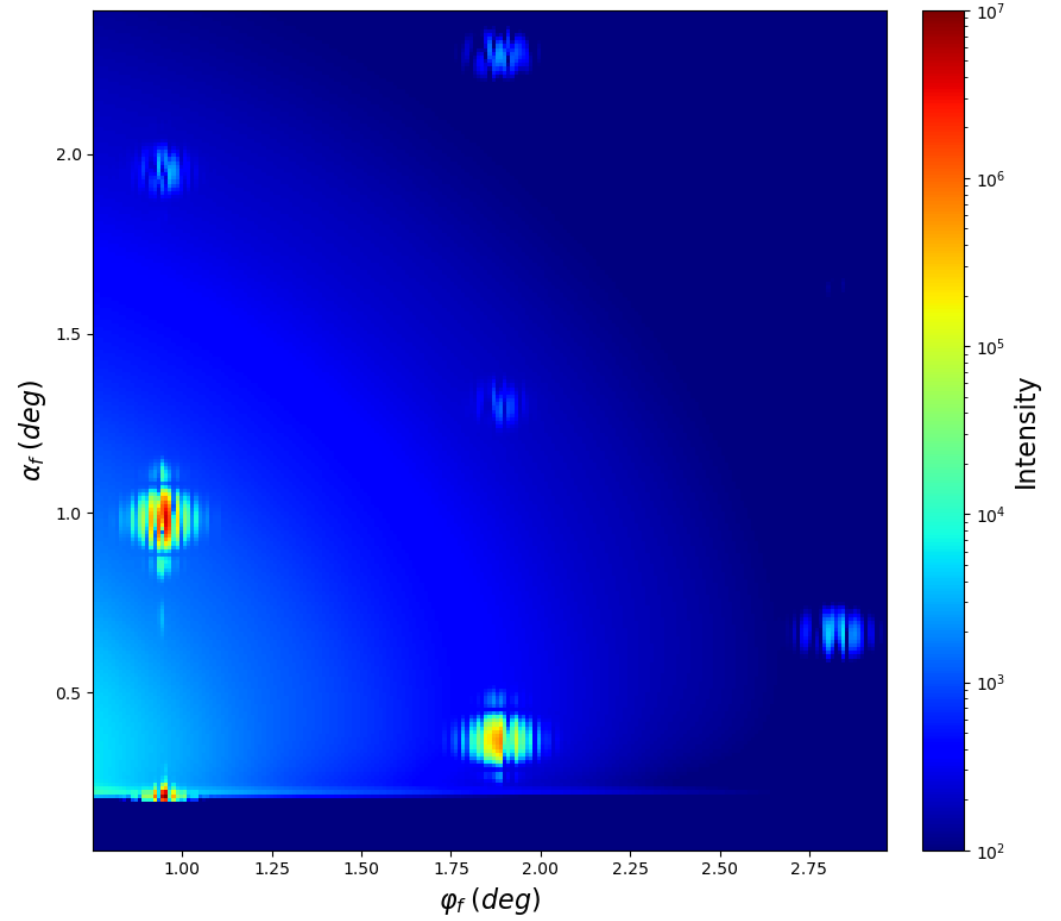
Single meso, meso_height

```
{
  "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": 72.10526315789474,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



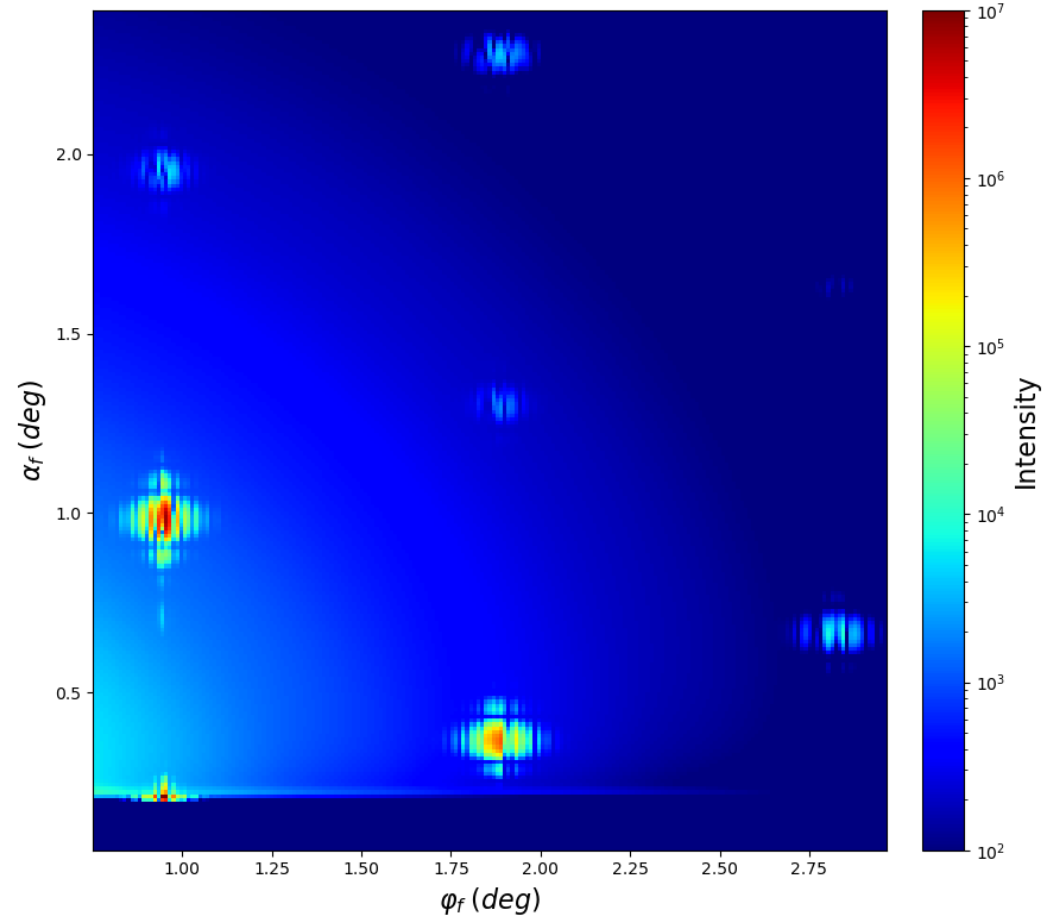
Single meso, meso_height

```
{
  "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": 103.15789473684211,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



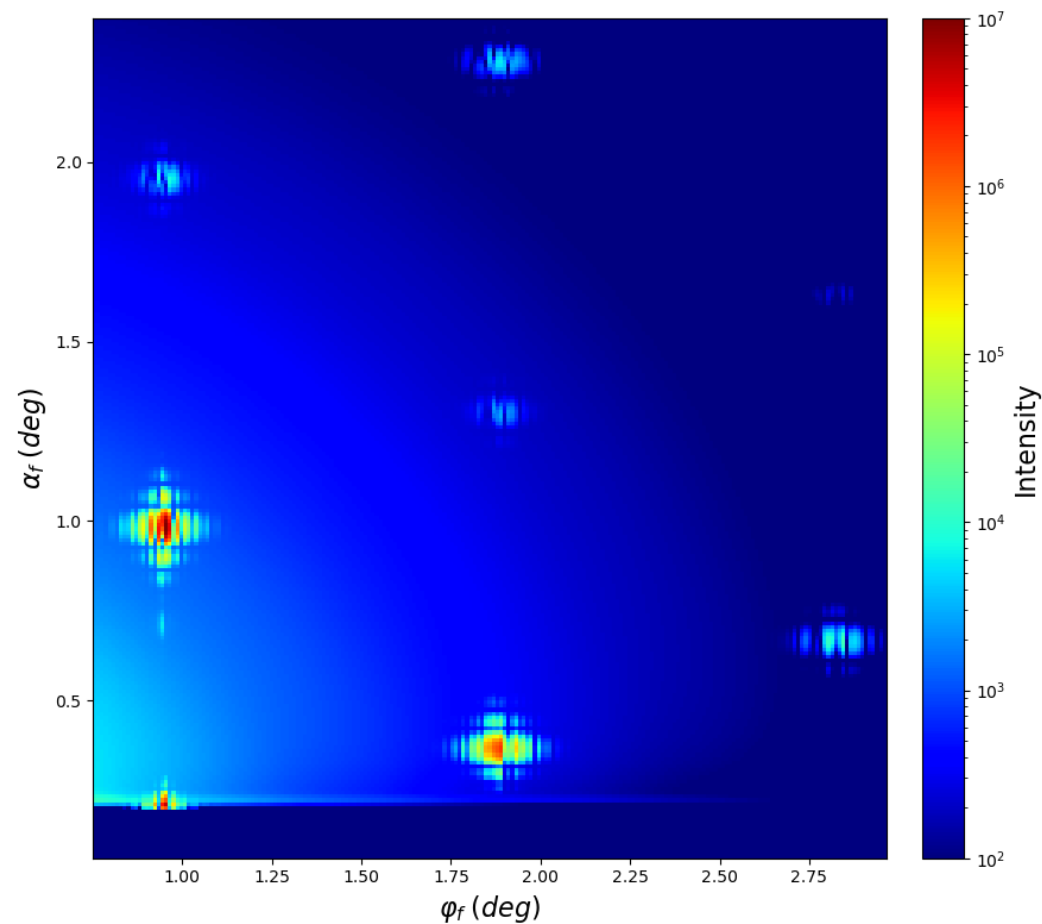
Single meso, meso_height

```
{
  "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": 134.21052631578948,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



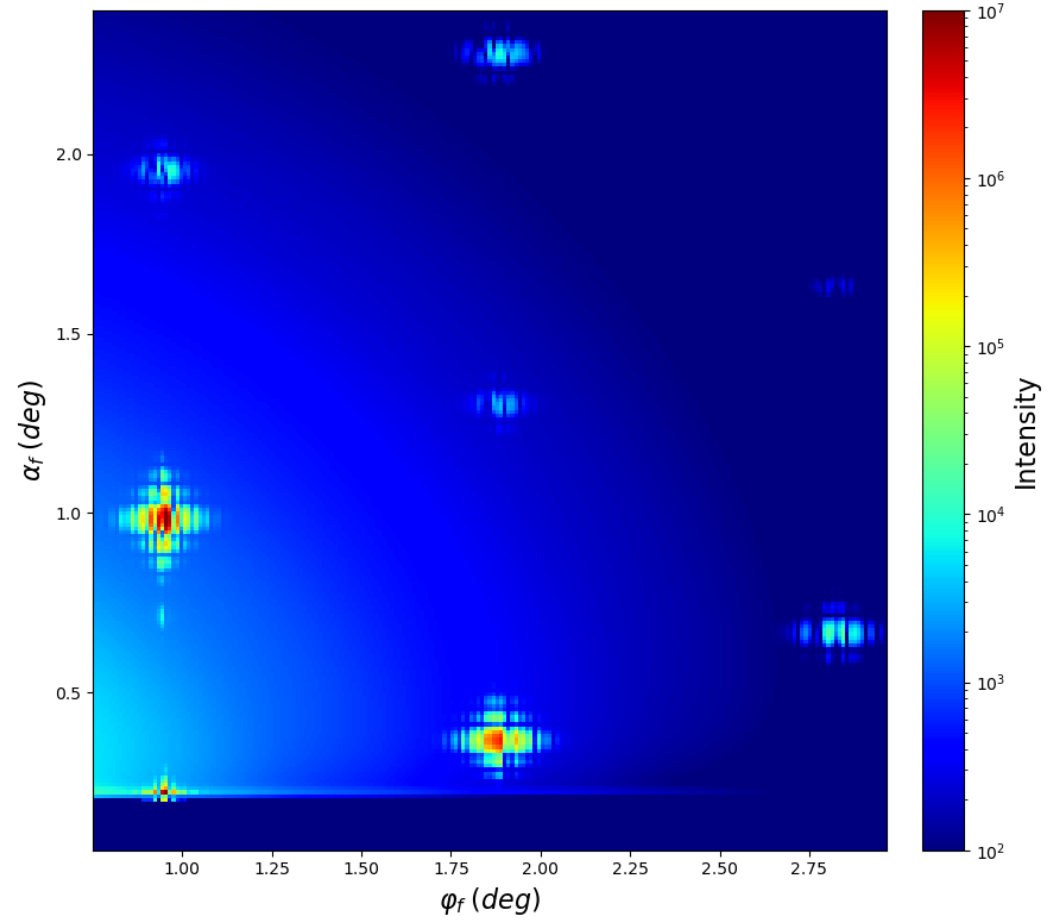
Single meso, meso_height

```
{
  "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": 165.26315789473685,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



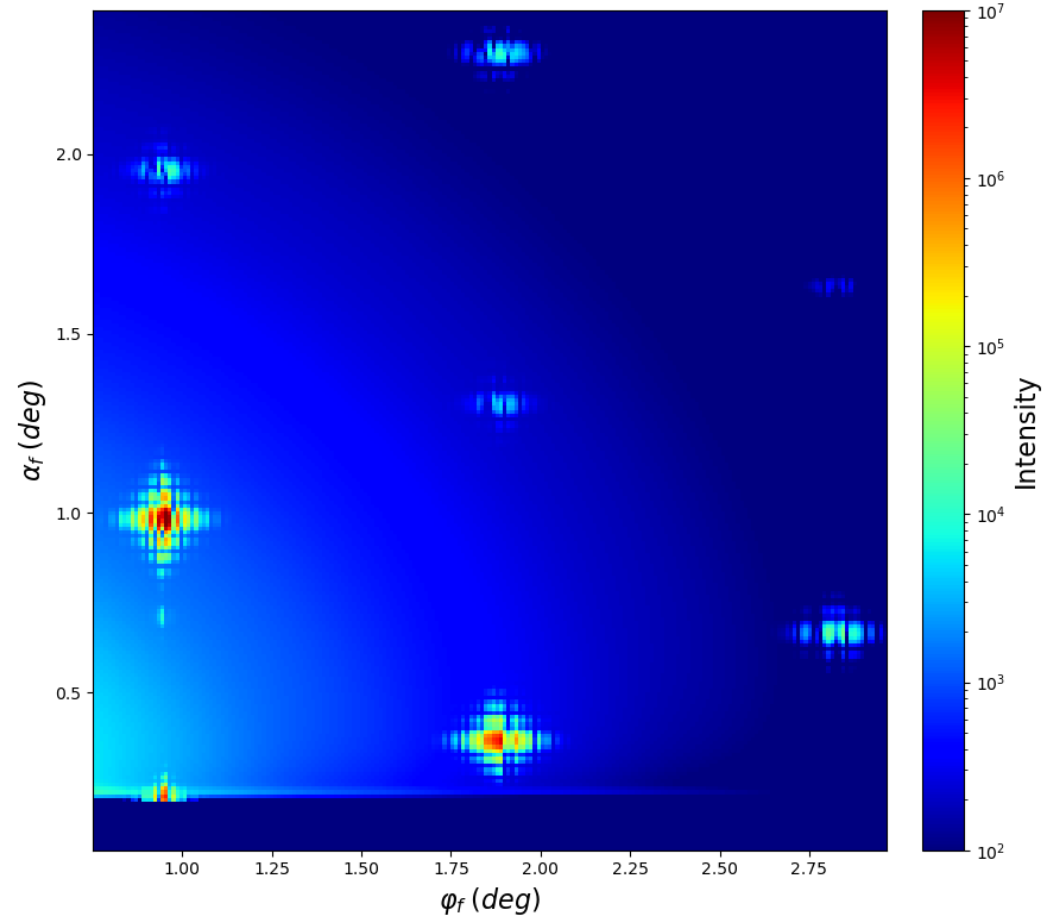
Single meso, meso_height

```
{
  "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": 196.31578947368422,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



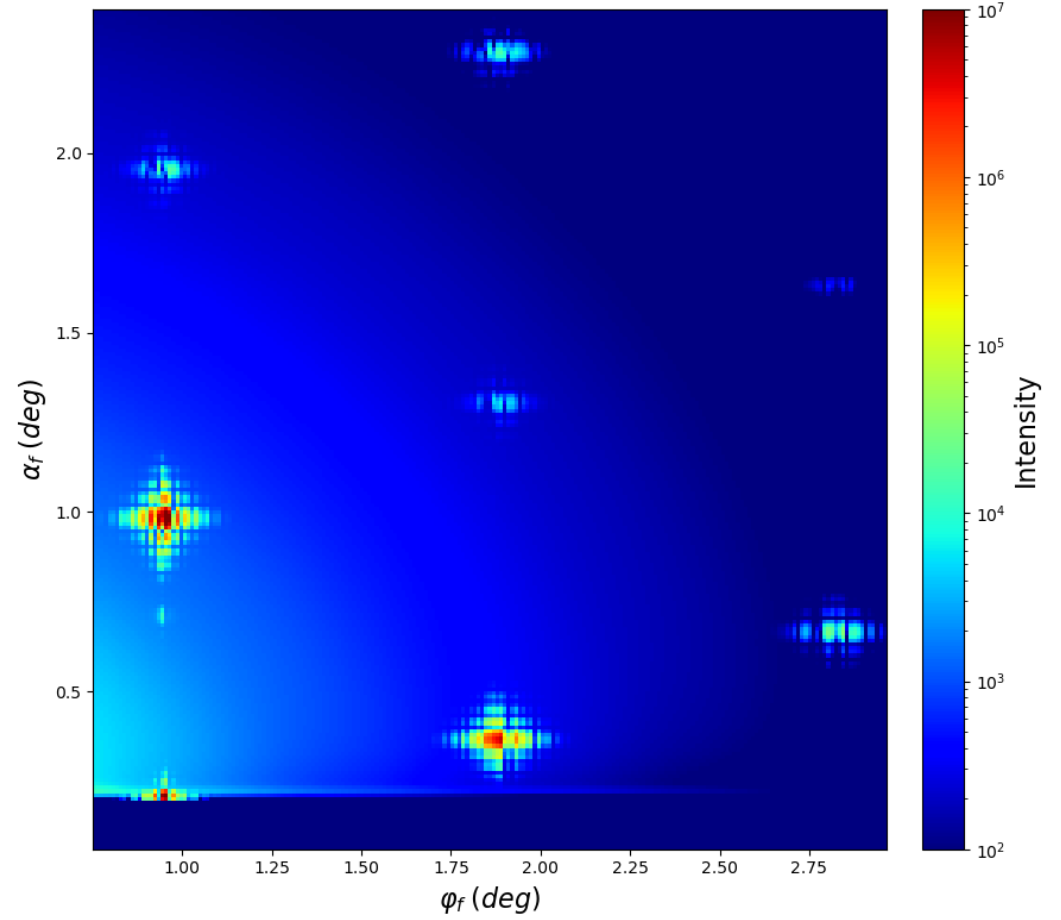
Single meso, meso_height

```
{
  "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": 227.3684210526316,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



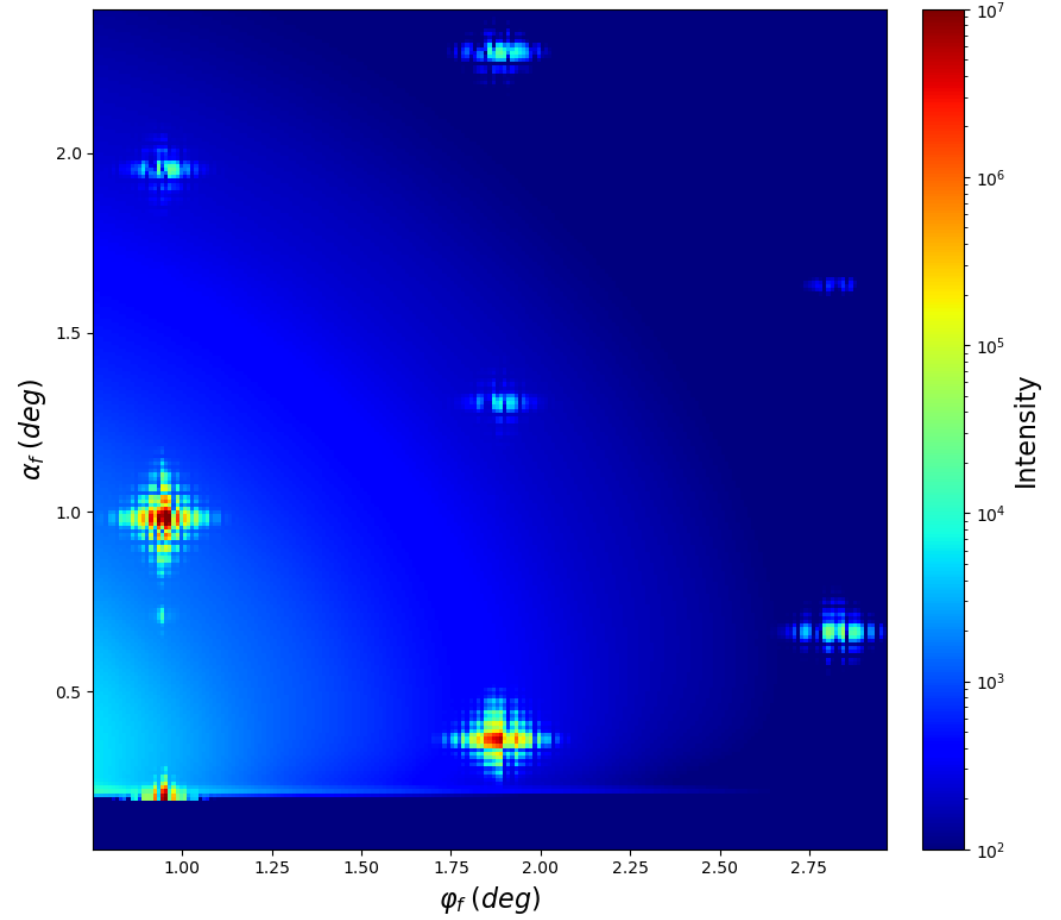
Single meso, meso_height

```
{
  "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": 258.42105263157896,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



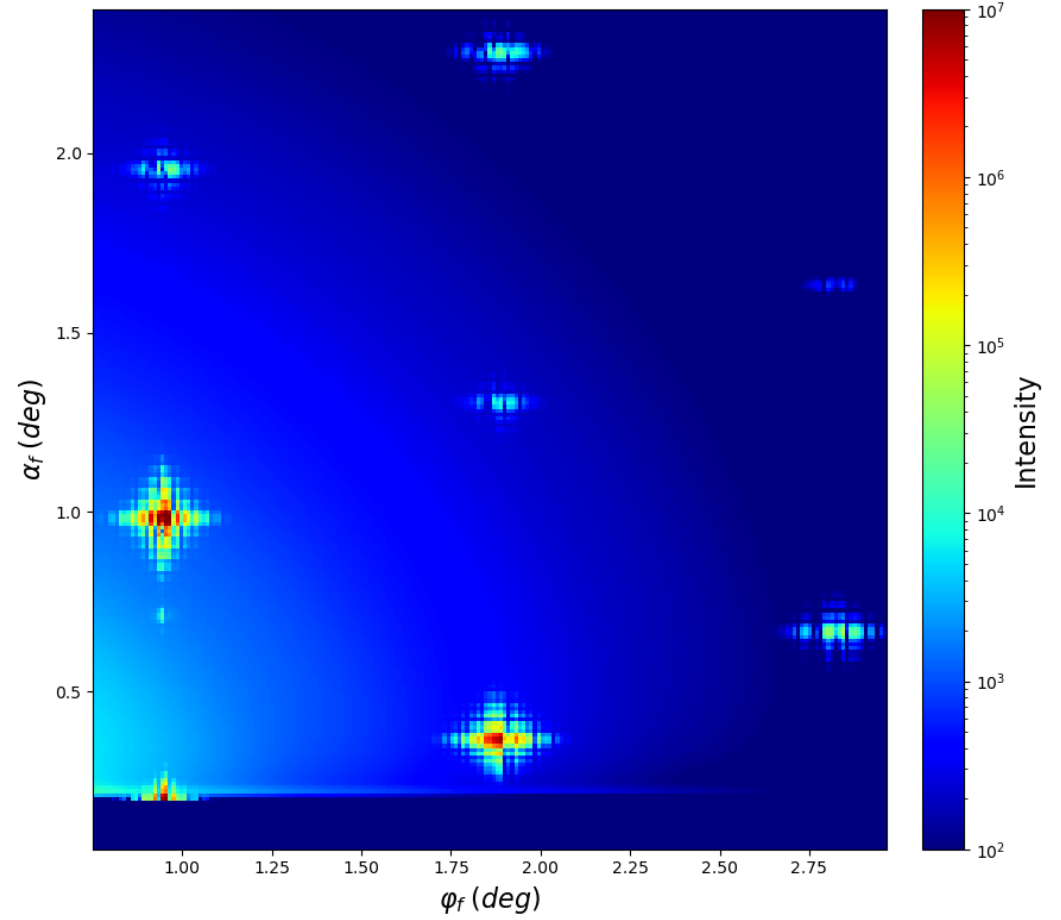
Single meso, meso_height

```
{
  "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": 289.47368421052636,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



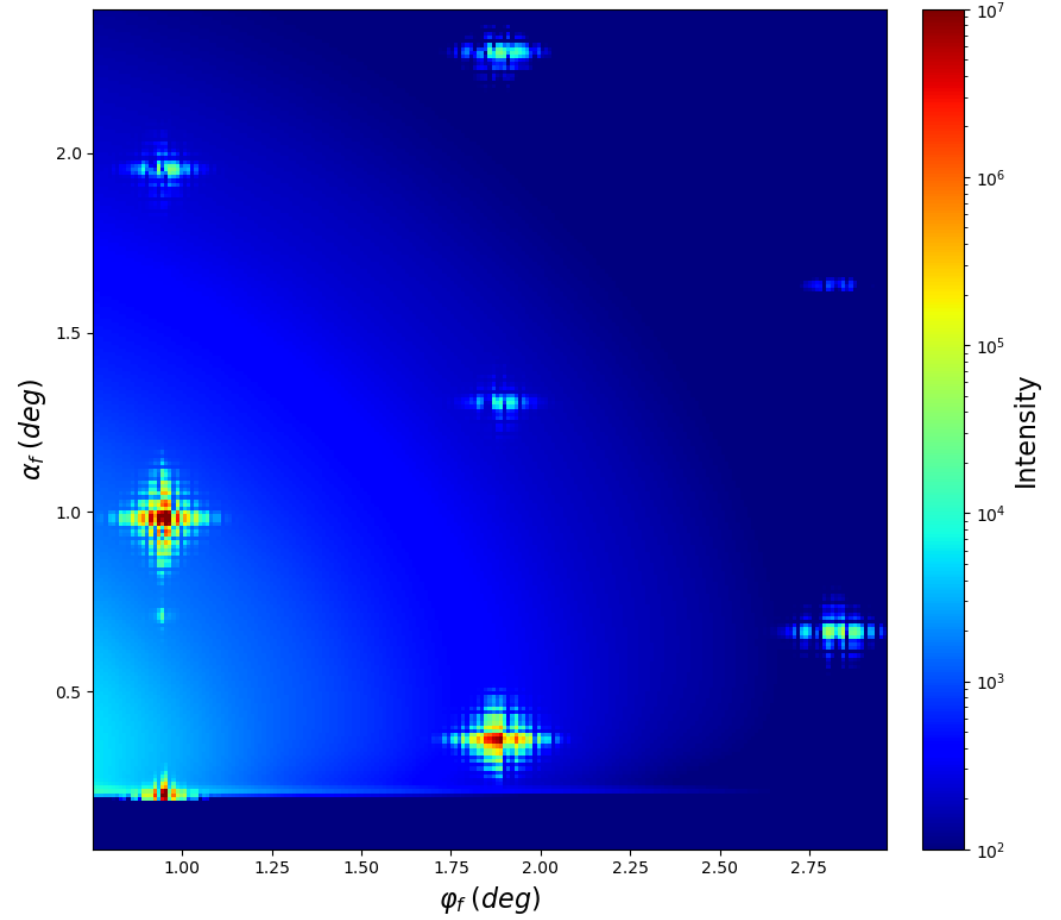
Single meso, meso_height

```
{
  "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": 320.5263157894737,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



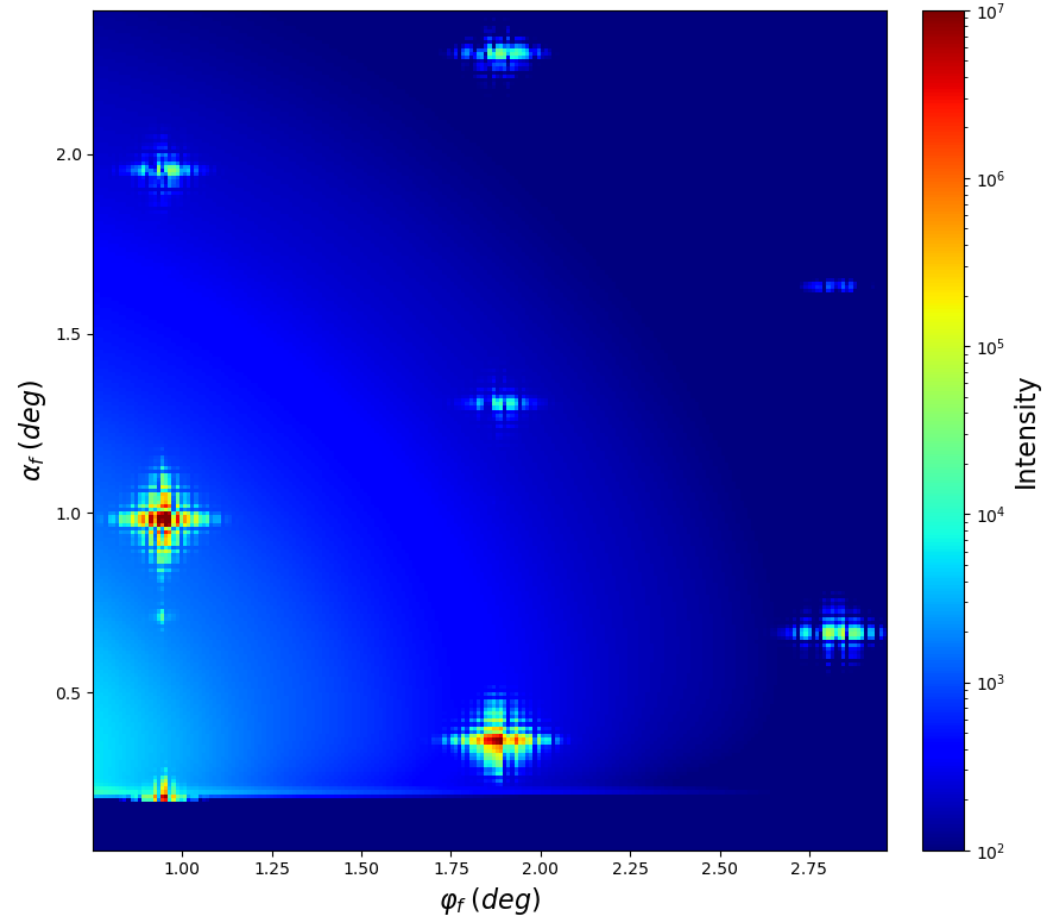
Single meso, meso_height

```
{
  "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": 351.57894736842104,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



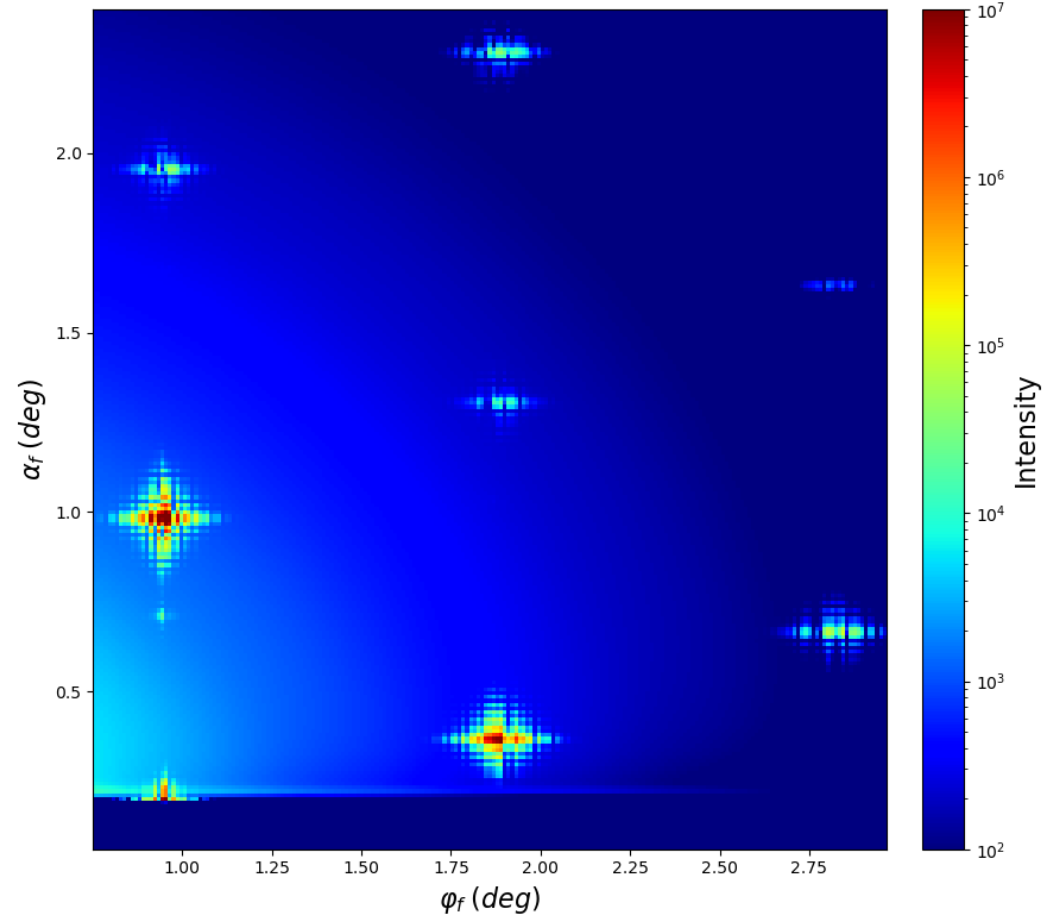
Single meso, meso_height

```
{
  "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": 382.63157894736844,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



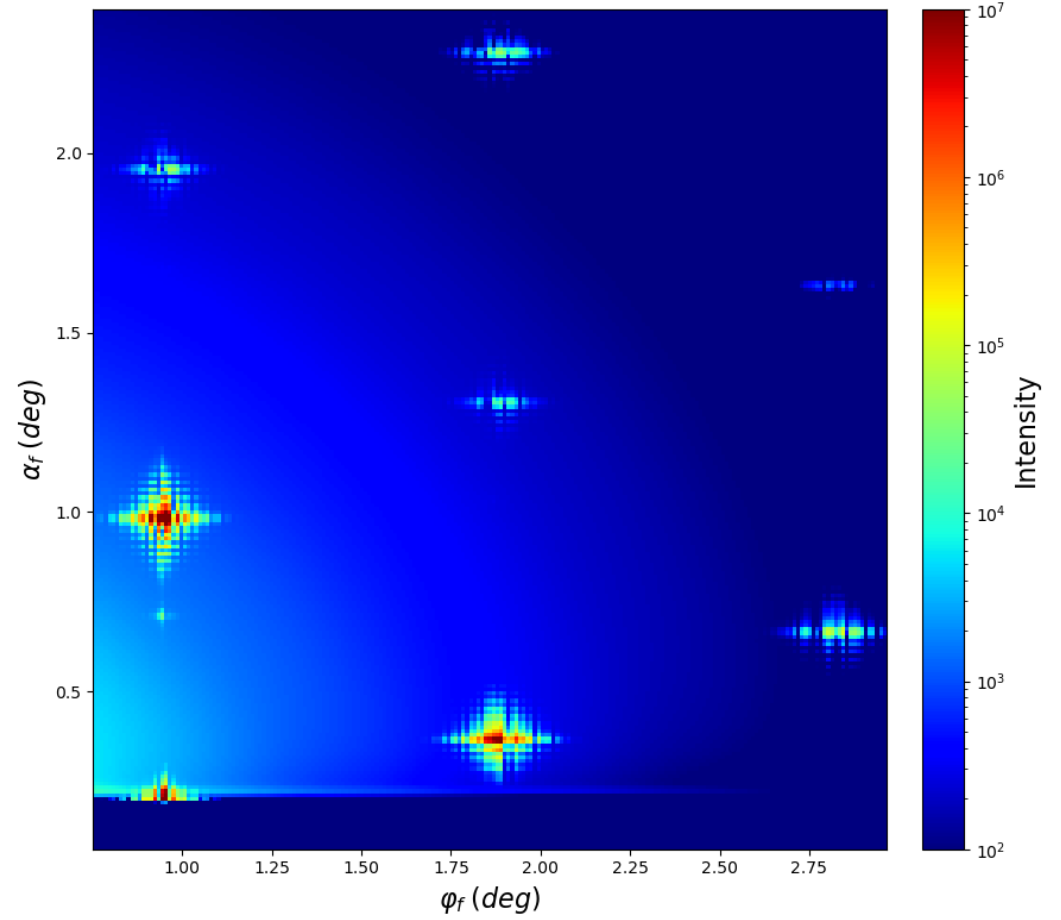
Single meso, meso_height

```
{
  "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": 413.68421052631584,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



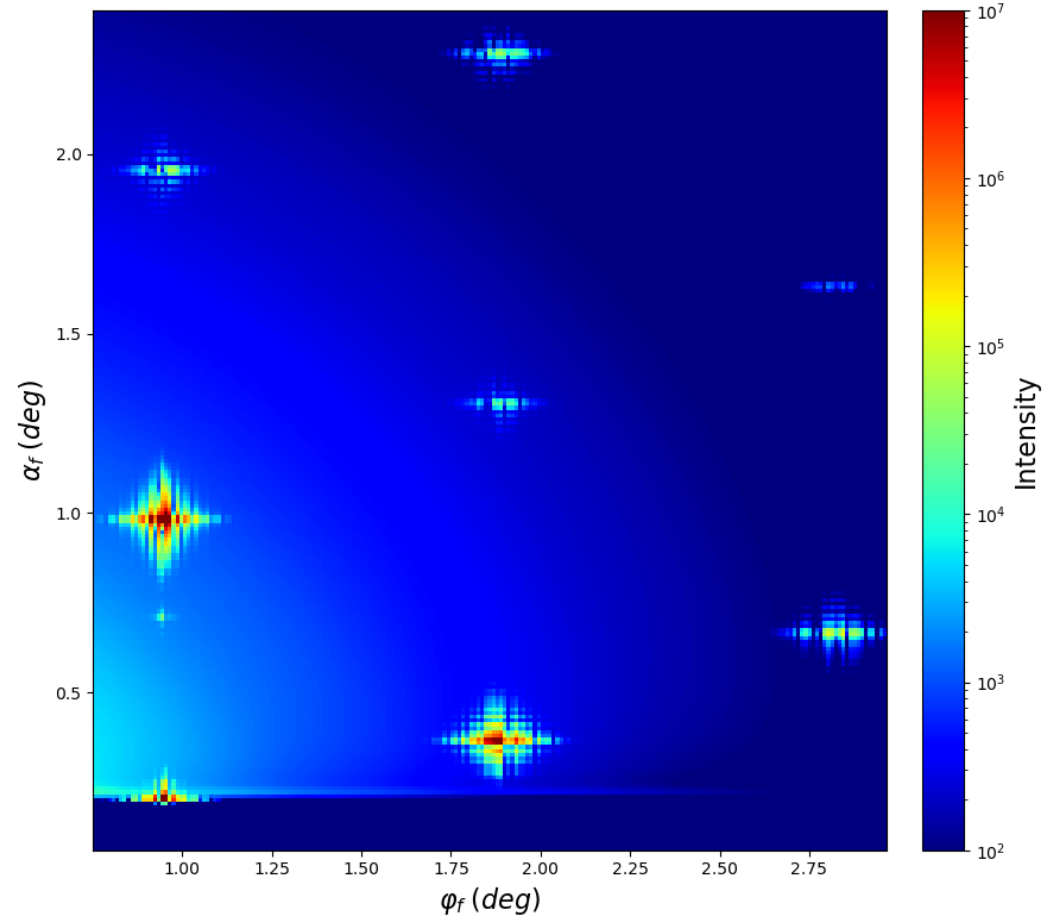
Single meso, meso_height

```
{
  "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": 444.7368421052632,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



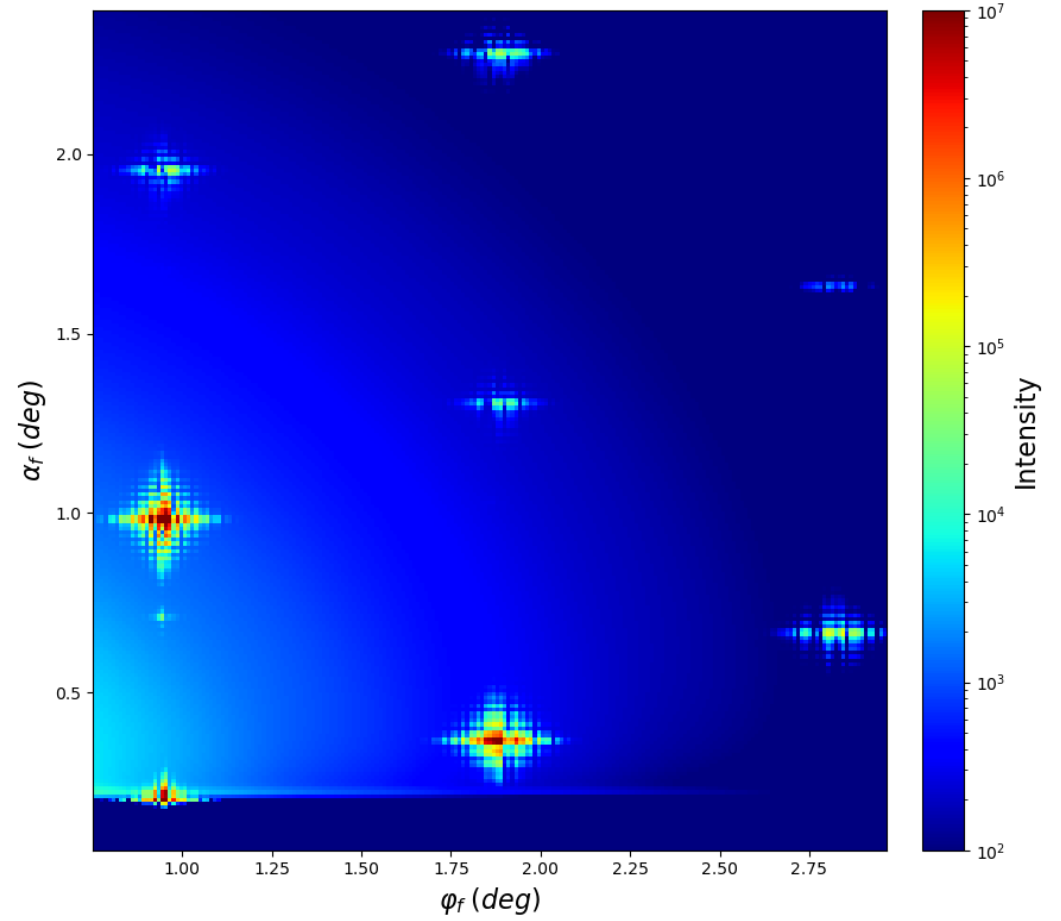
Single meso, meso_height

```
{  
  "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": 475.7894736842105,  
  "meso_radius": 800,  
  "sigma_meso_height": 20.0,  
  "sigma_meso_radius": 20.0,  
  "sigma_lattice_length_a": 0.5,  
  "rotation_x": 0.0,  
  "rotation_z": 0.0  
}
```



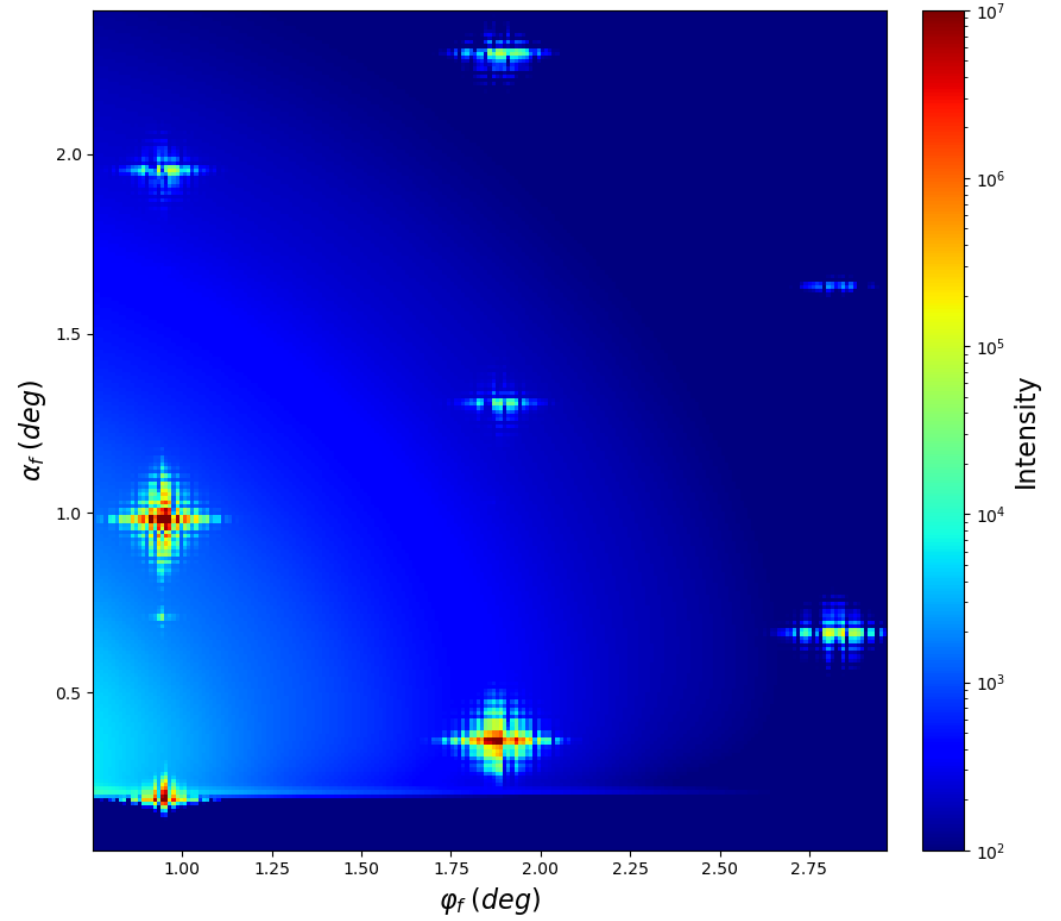
Single meso, meso_height

```
{
  "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": 506.8421052631579,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



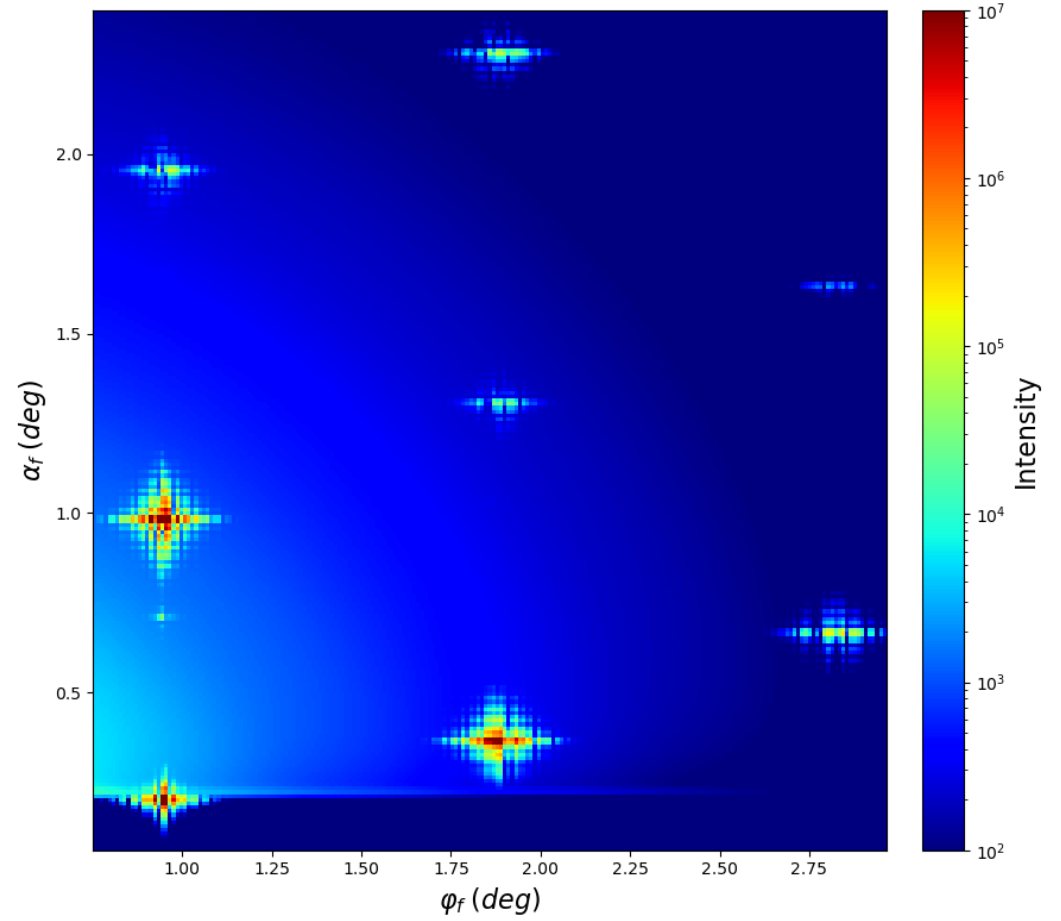
Single meso, meso_height

```
{
  "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": 537.8947368421053,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



Single meso, meso_height

```
{
  "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": 568.9473684210527,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



Single meso, meso_height

```
{
  "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": 600.0,
  "meso_radius": 800,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```

