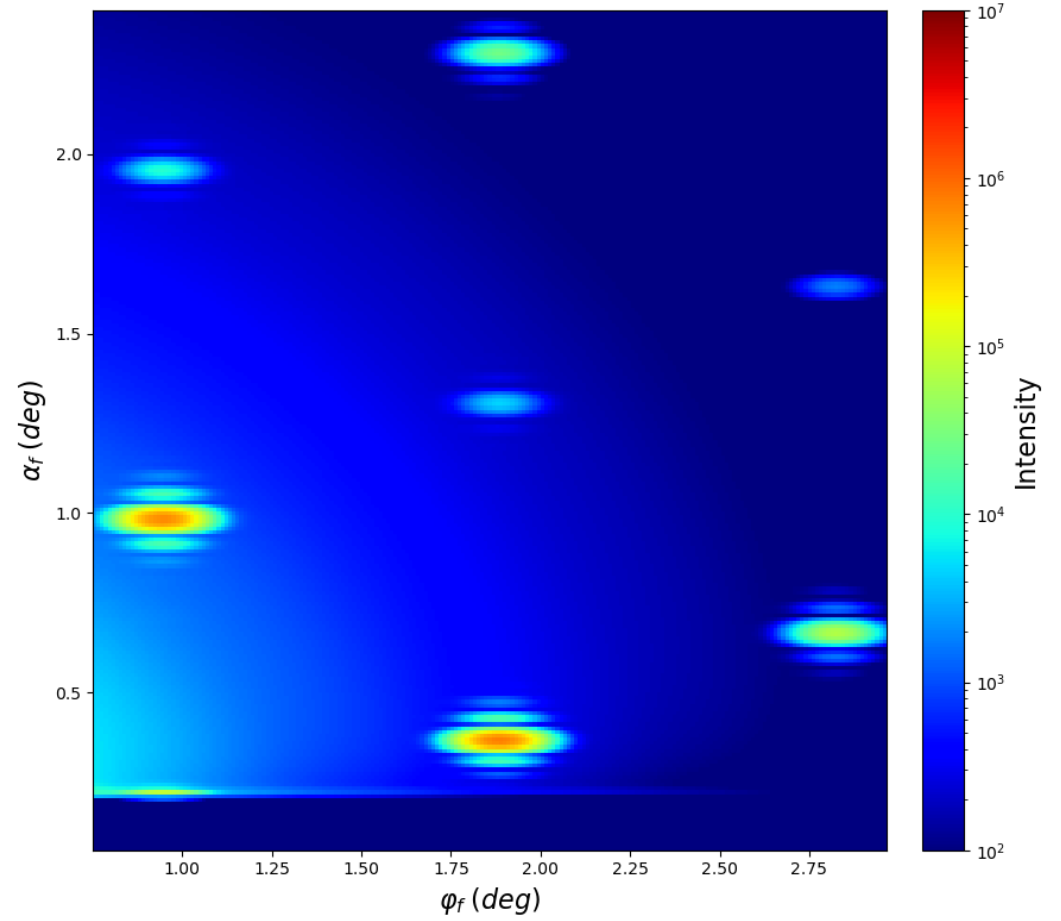


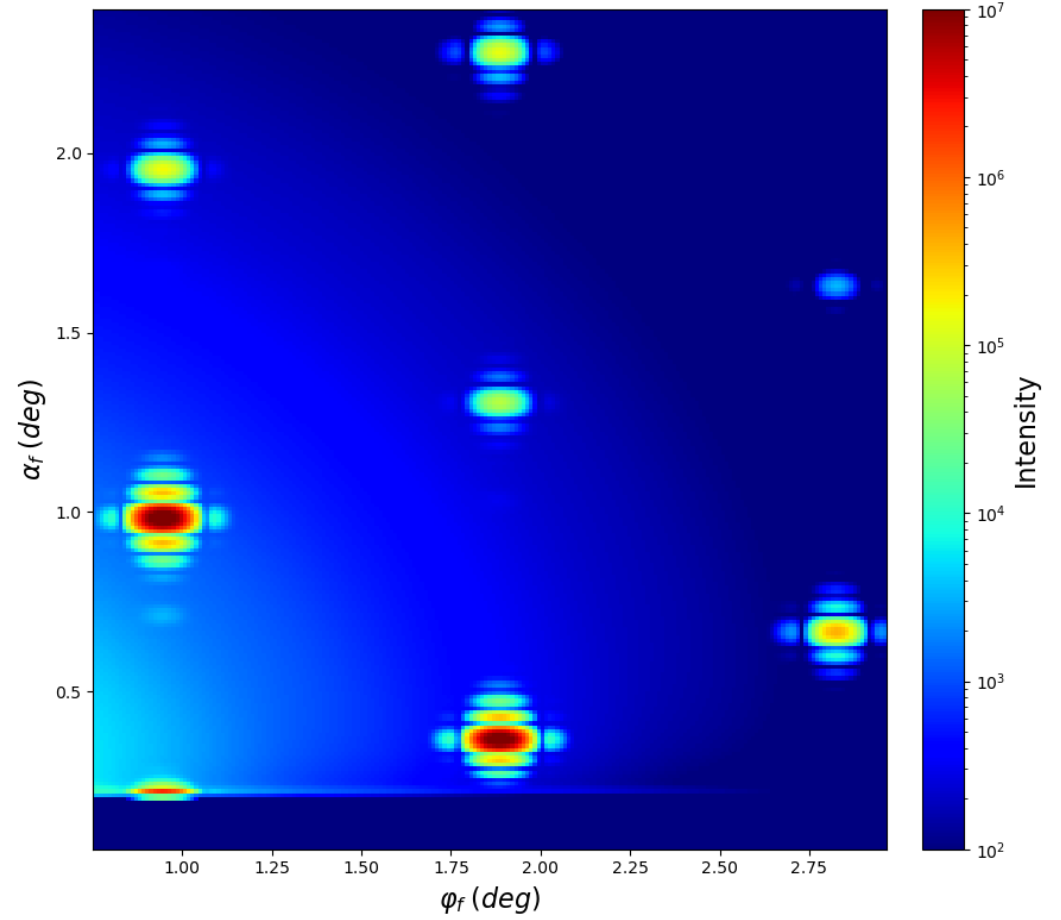
Single meso, meso_radius

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



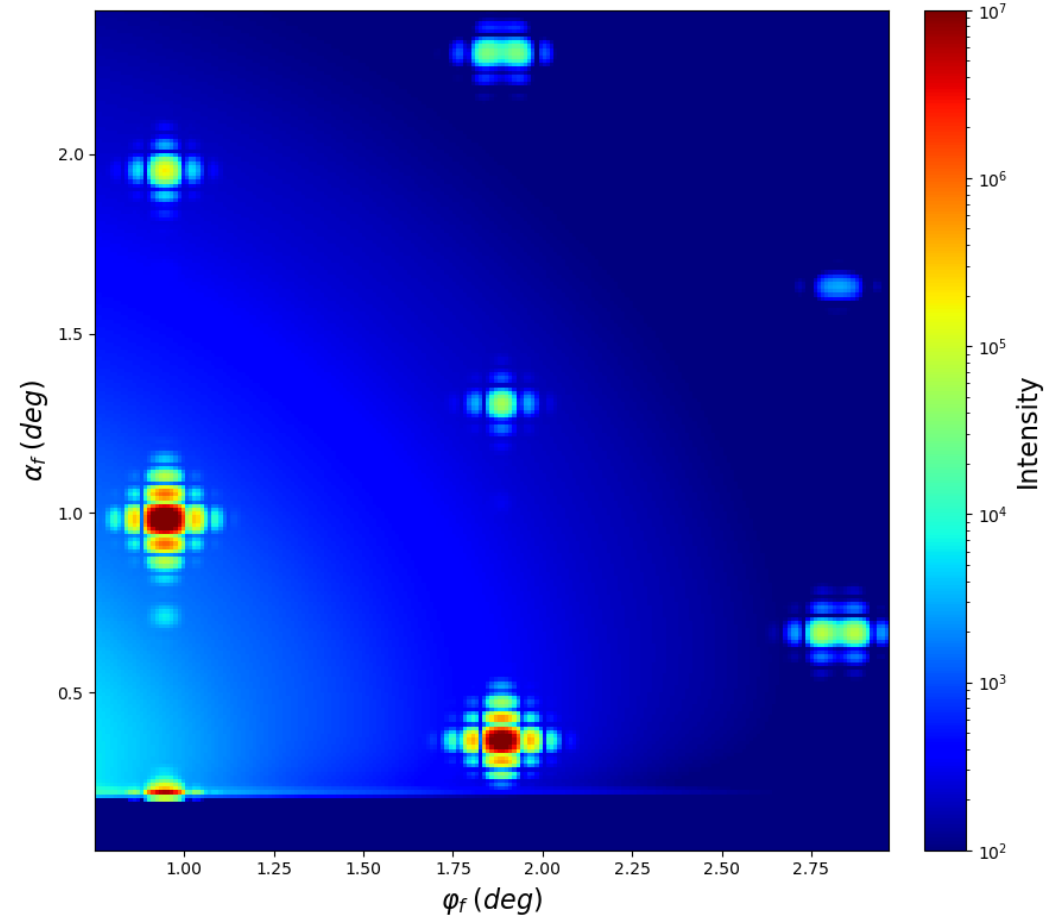
Single meso, meso_radius

```
{
  "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": 51.578947368421055,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



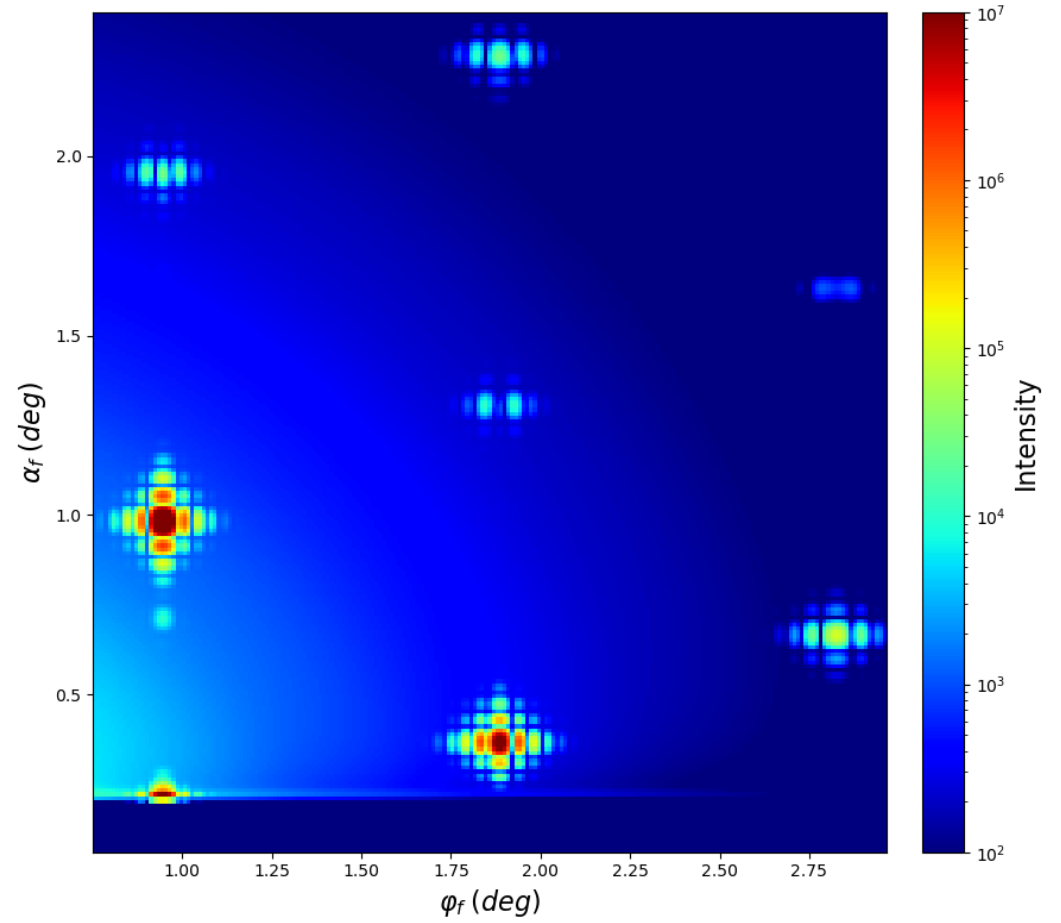
Single meso, meso_radius

```
{
  "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": 93.15789473684211,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



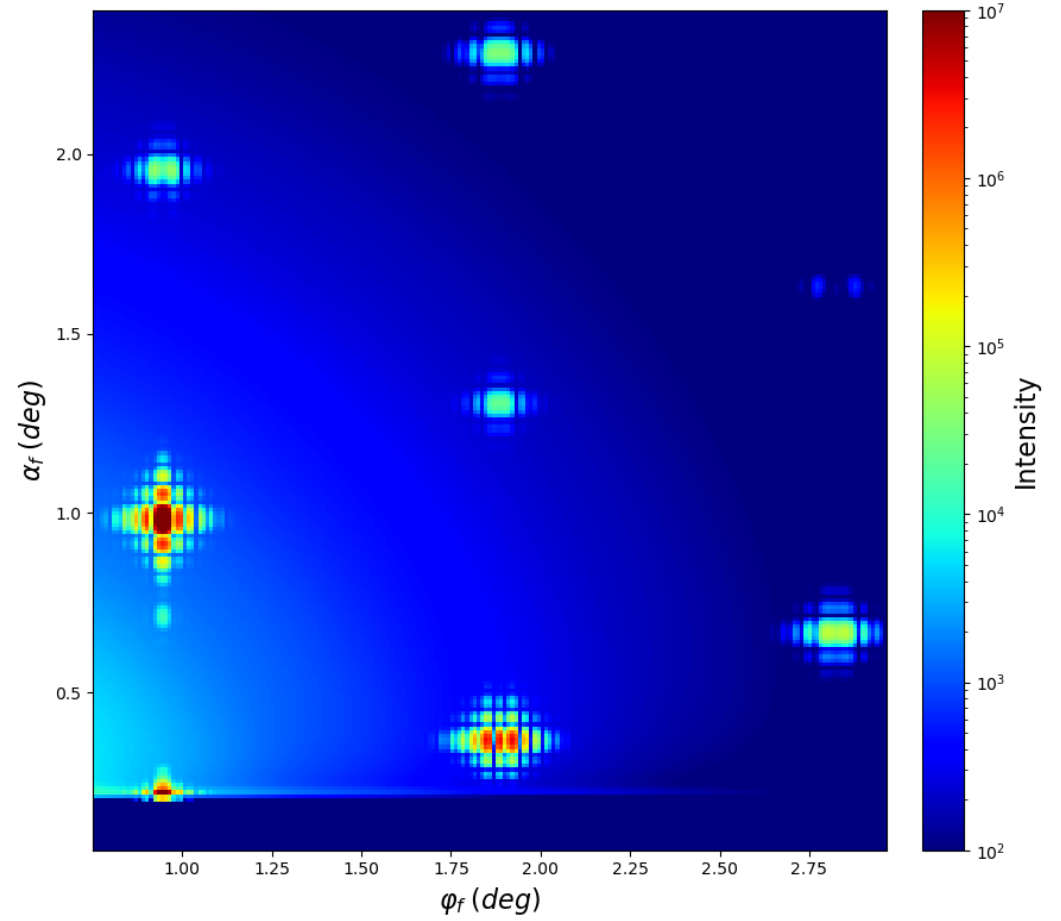
Single meso, meso_radius

```
{
  "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": 134.73684210526318,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



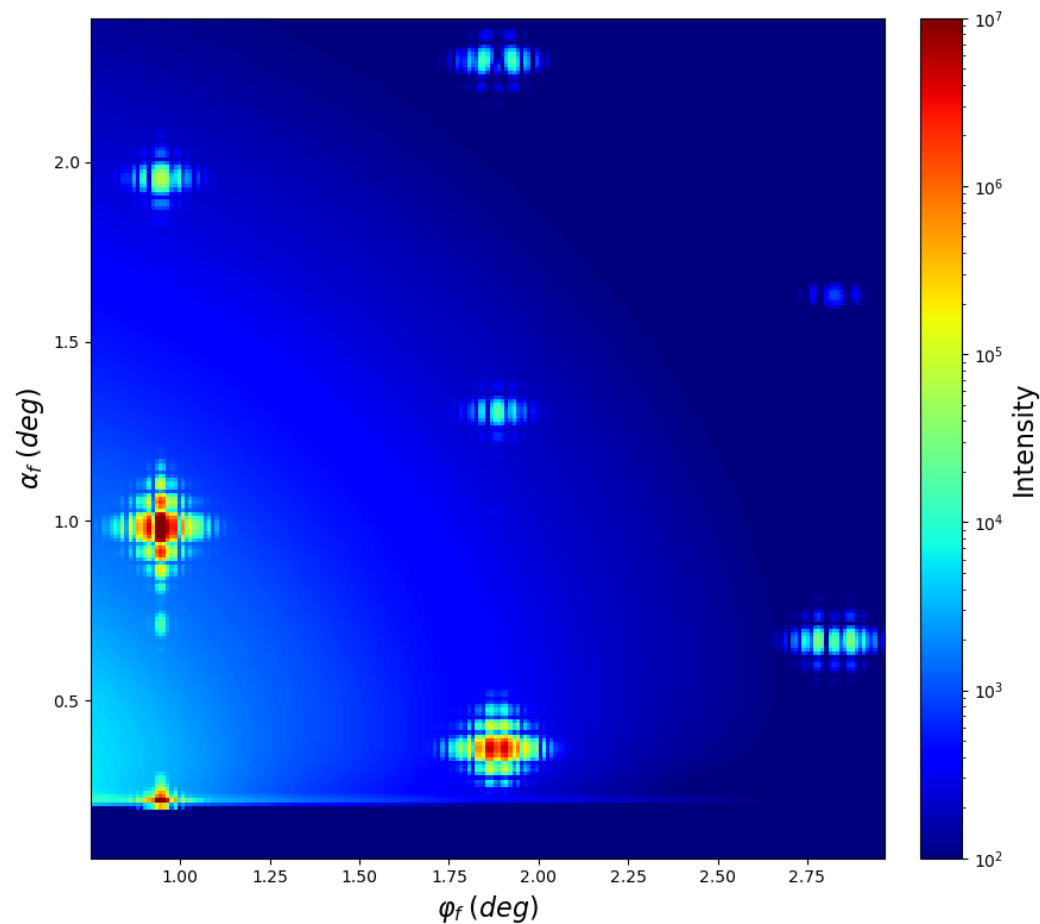
Single meso, meso_radius

```
{
  "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": 176.31578947368422,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



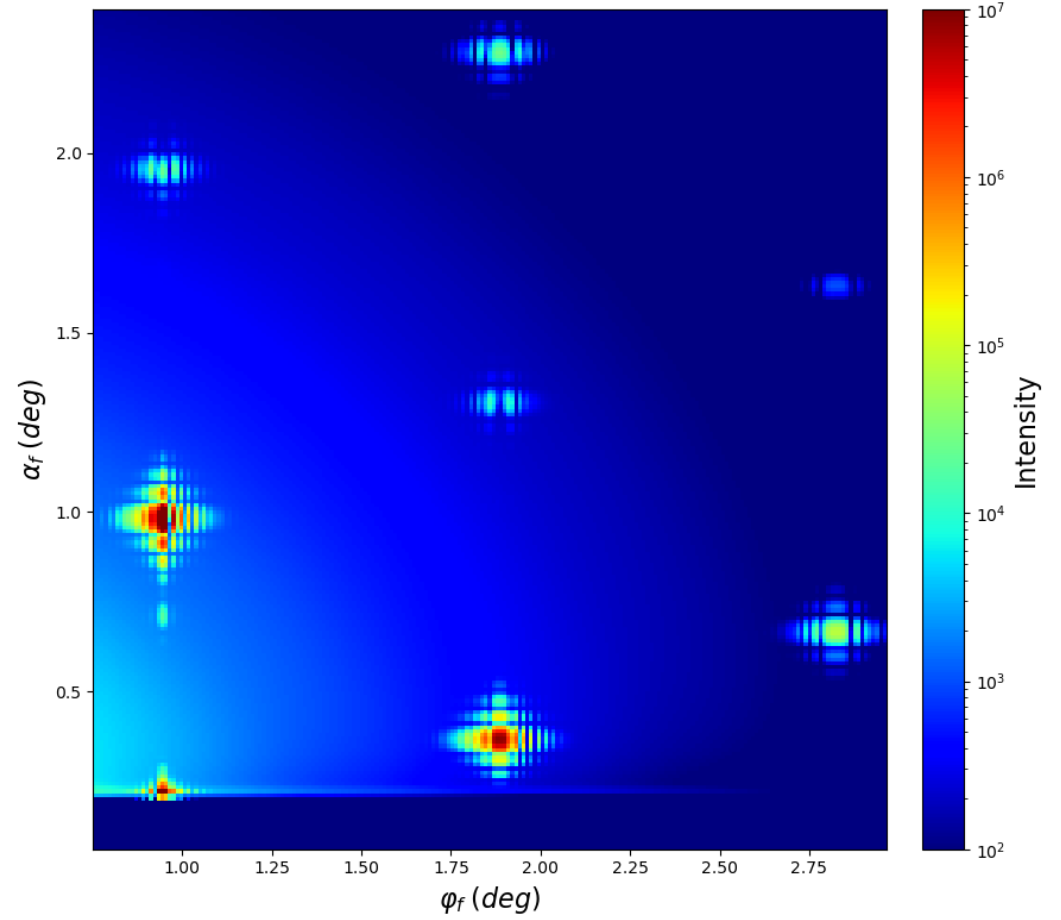
Single meso, meso_radius

```
{
  "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": 217.89473684210526,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



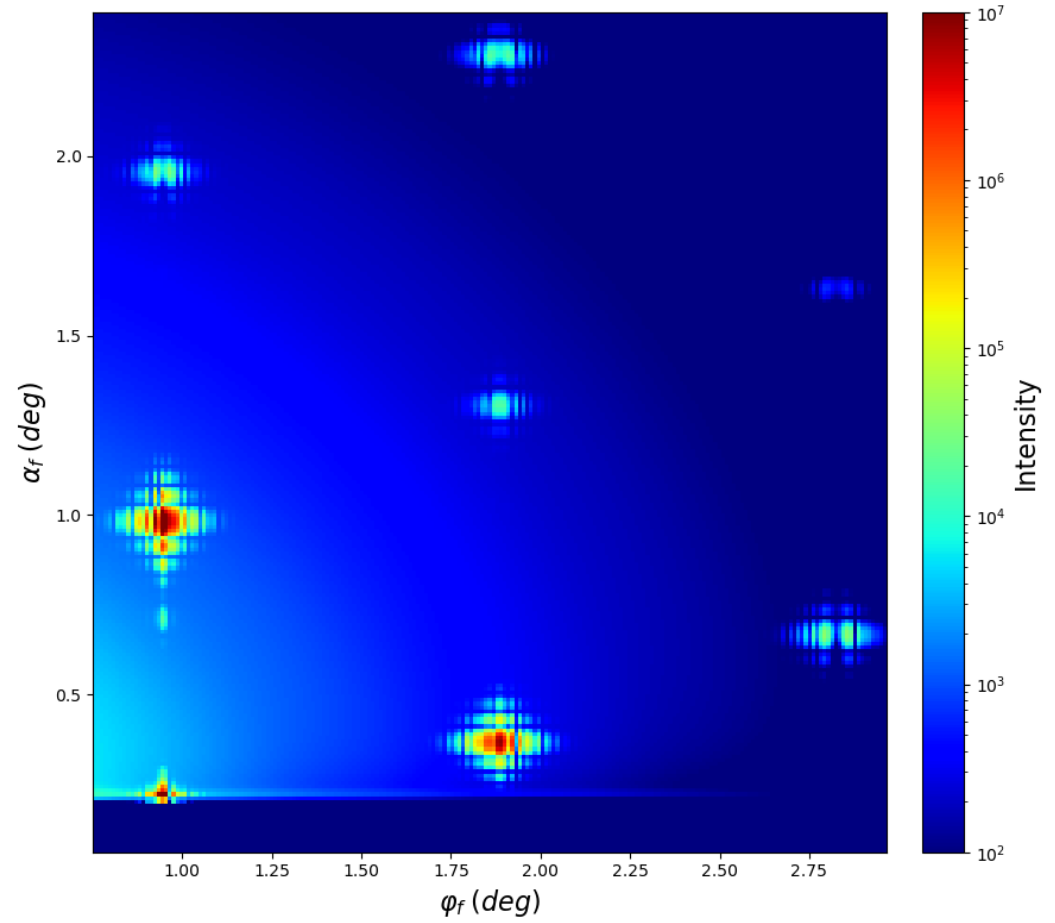
Single meso, meso_radius

```
{
  "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": 259.47368421052636,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



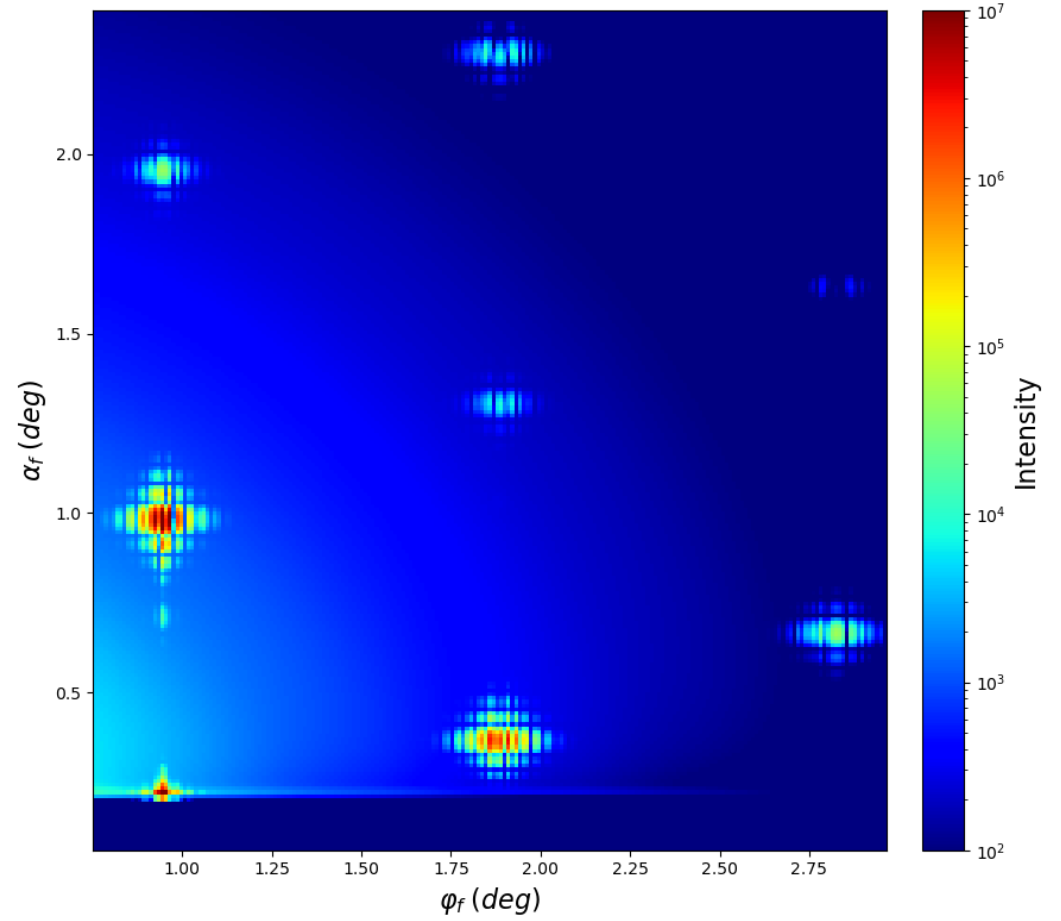
Single meso, meso_radius

```
{
  "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": 301.0526315789474,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



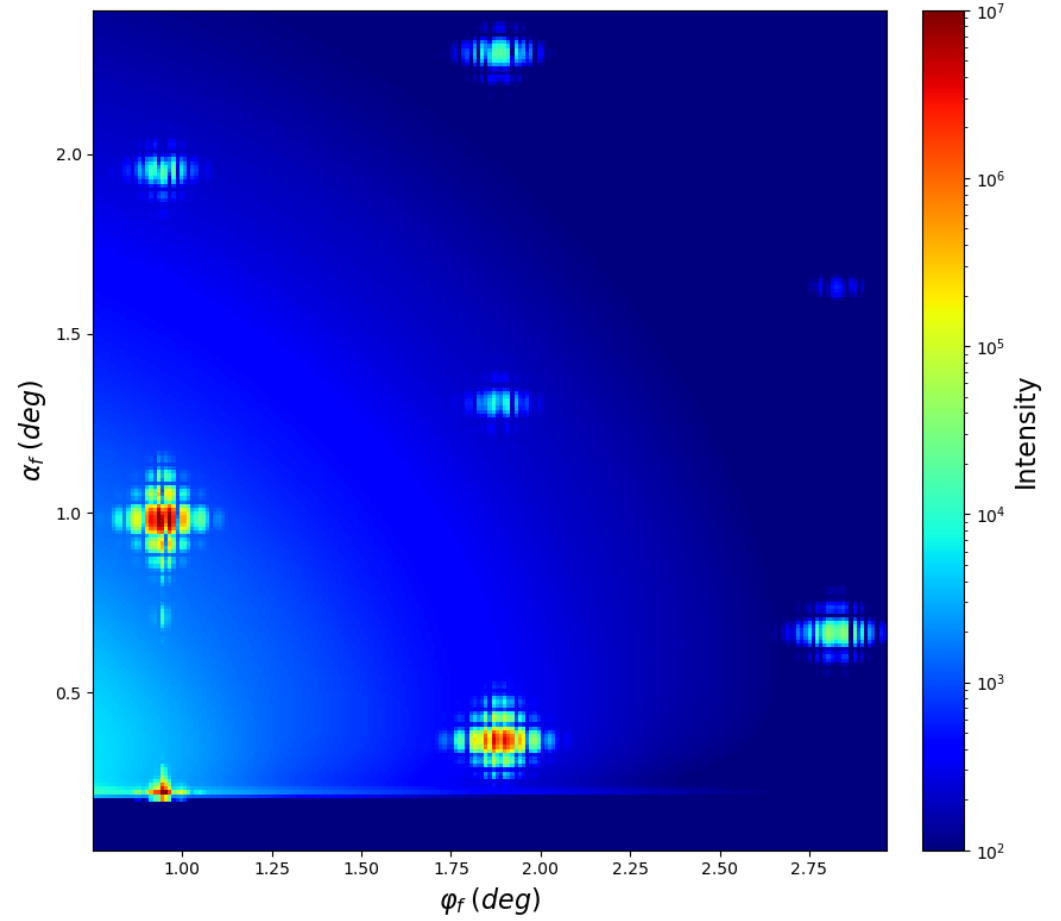
Single meso, meso_radius

```
{
  "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": 342.63157894736844,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



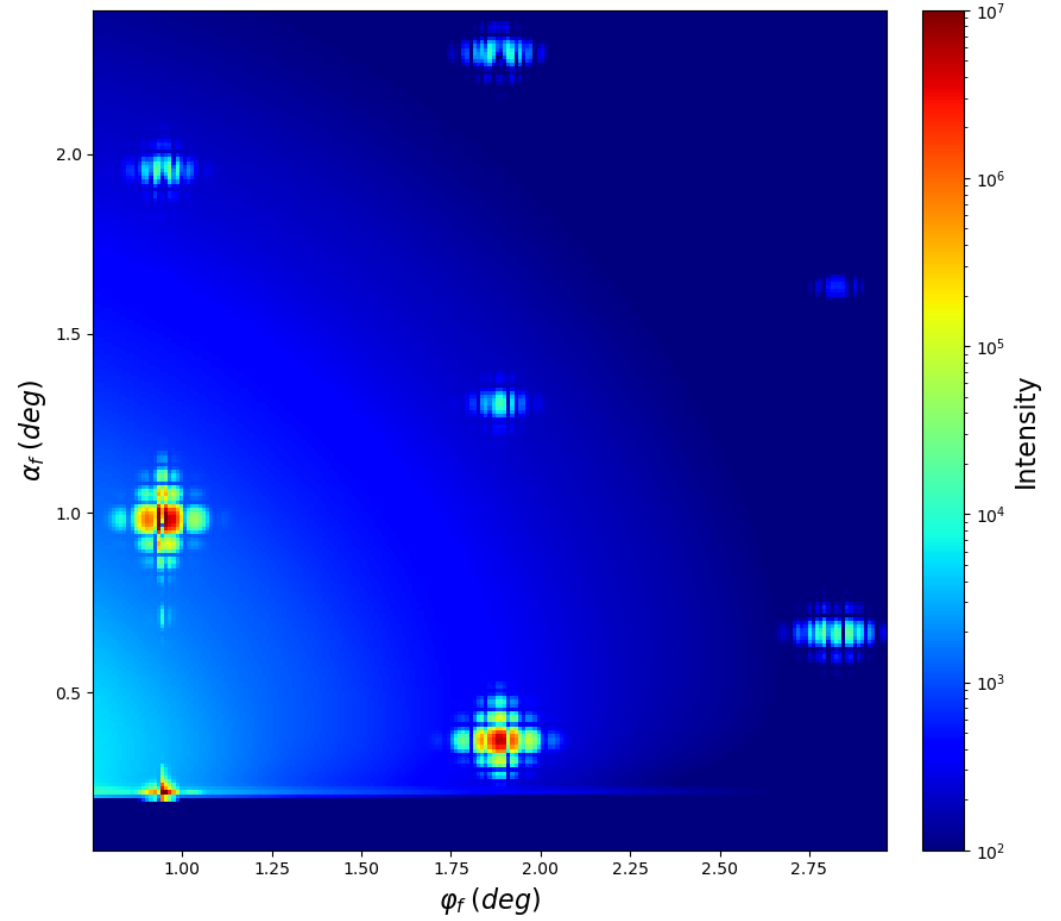
Single meso, meso_radius

```
{
  "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": 384.2105263157895,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



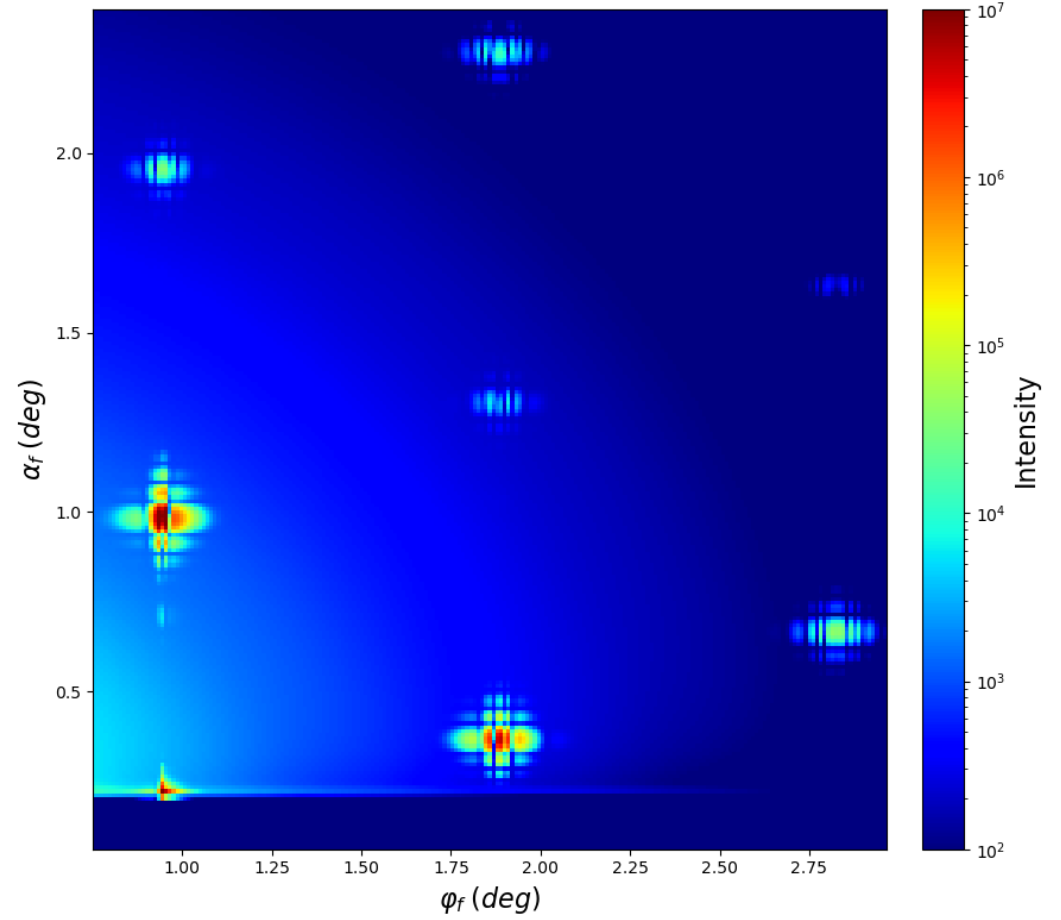
Single meso, meso_radius

```
{
  "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": 425.7894736842105,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



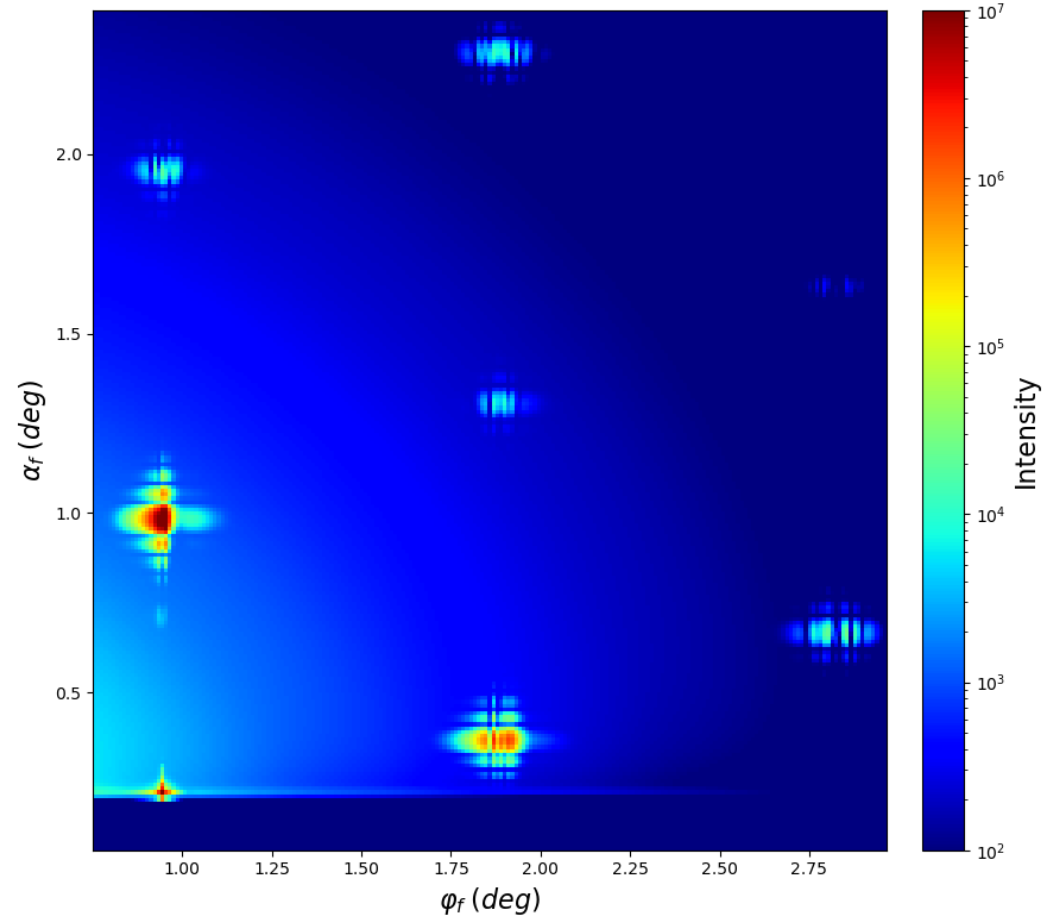
Single meso, meso_radius

```
{
  "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": 467.3684210526316,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



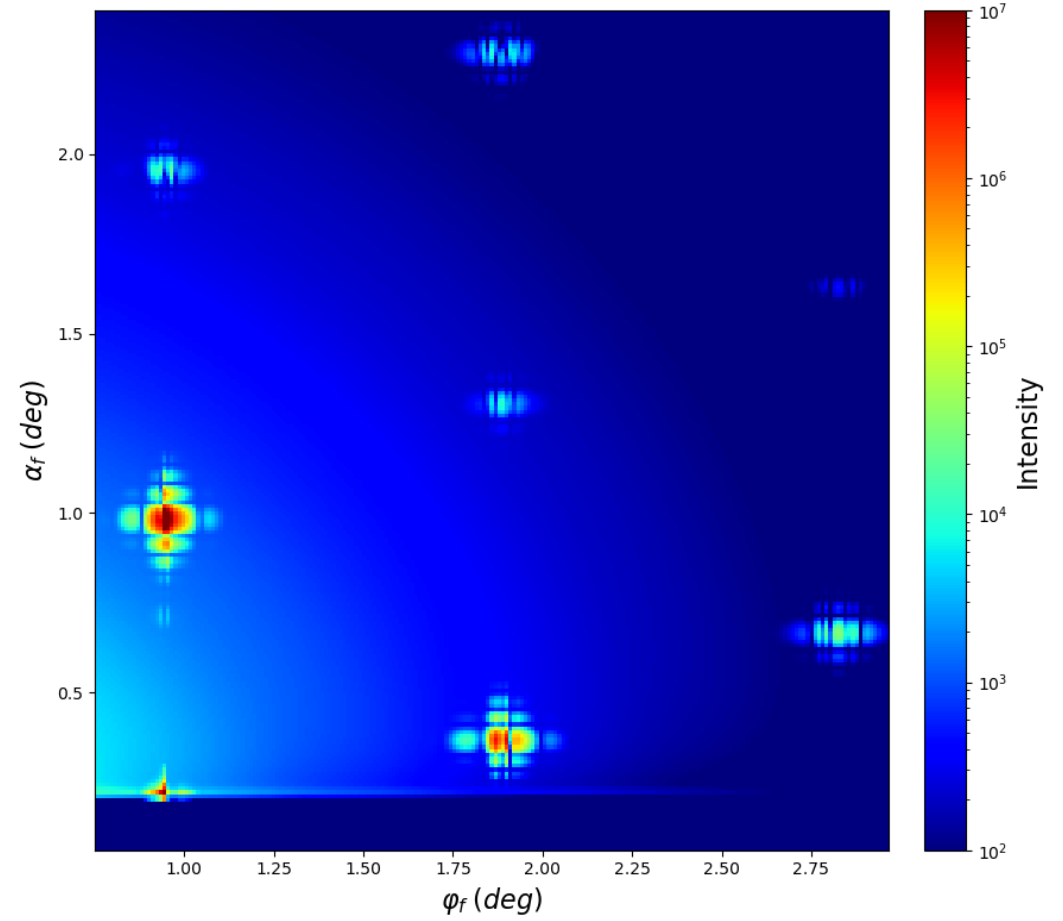
Single meso, meso_radius

```
{
  "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": 508.94736842105266,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



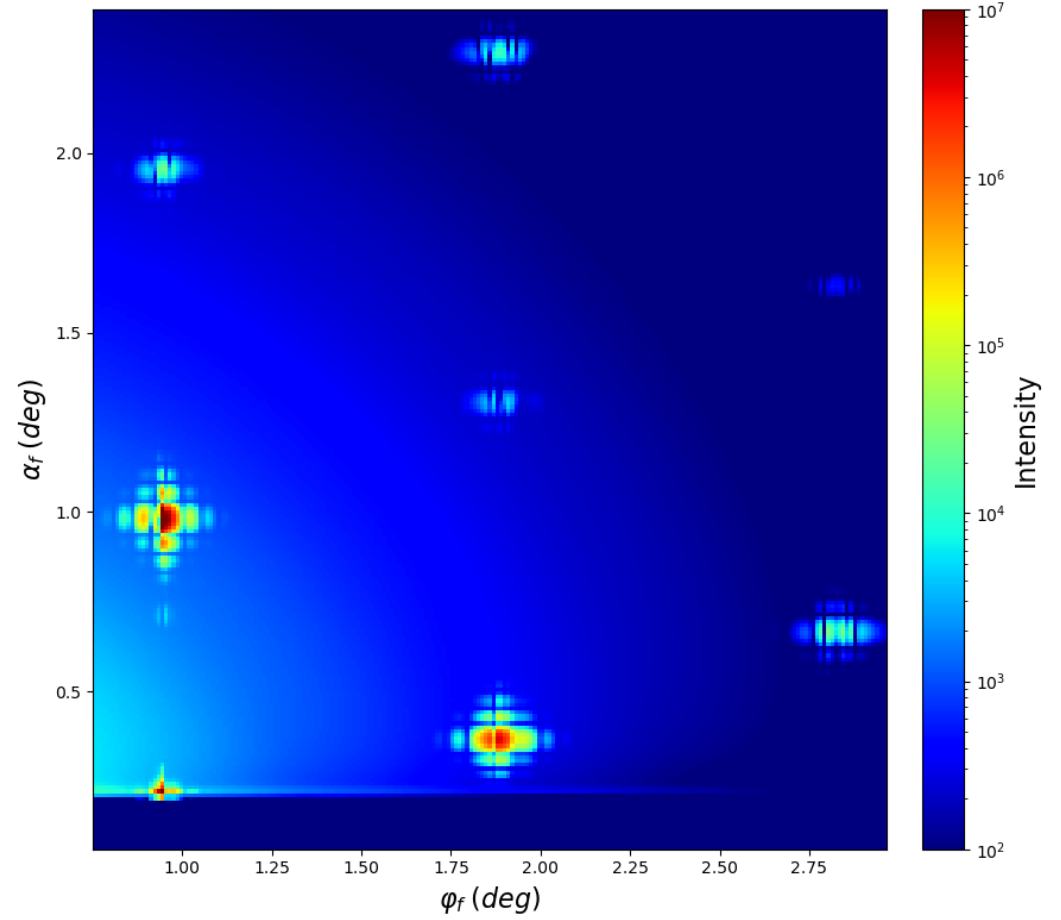
Single meso, meso_radius

```
{
  "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": 550.5263157894738,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



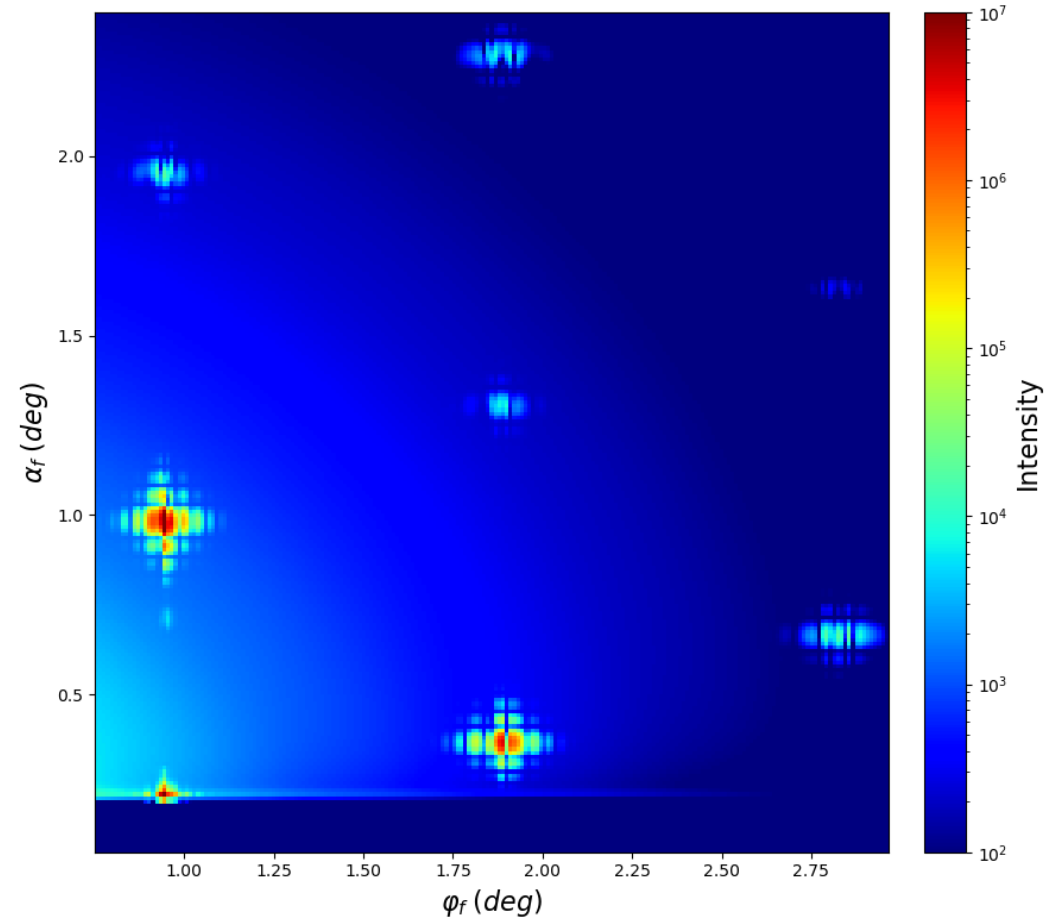
Single meso, meso_radius

```
{
  "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": 592.1052631578948,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



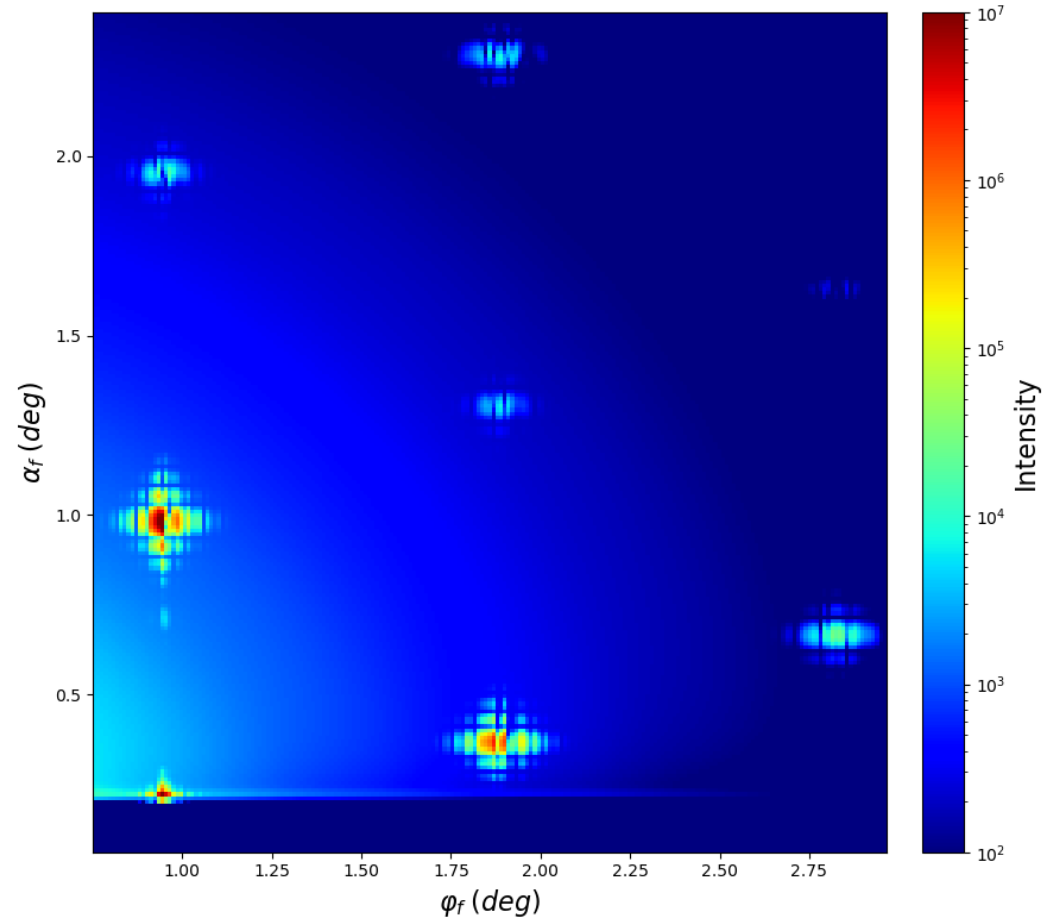
Single meso, meso_radius

```
{
  "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": 633.6842105263158,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



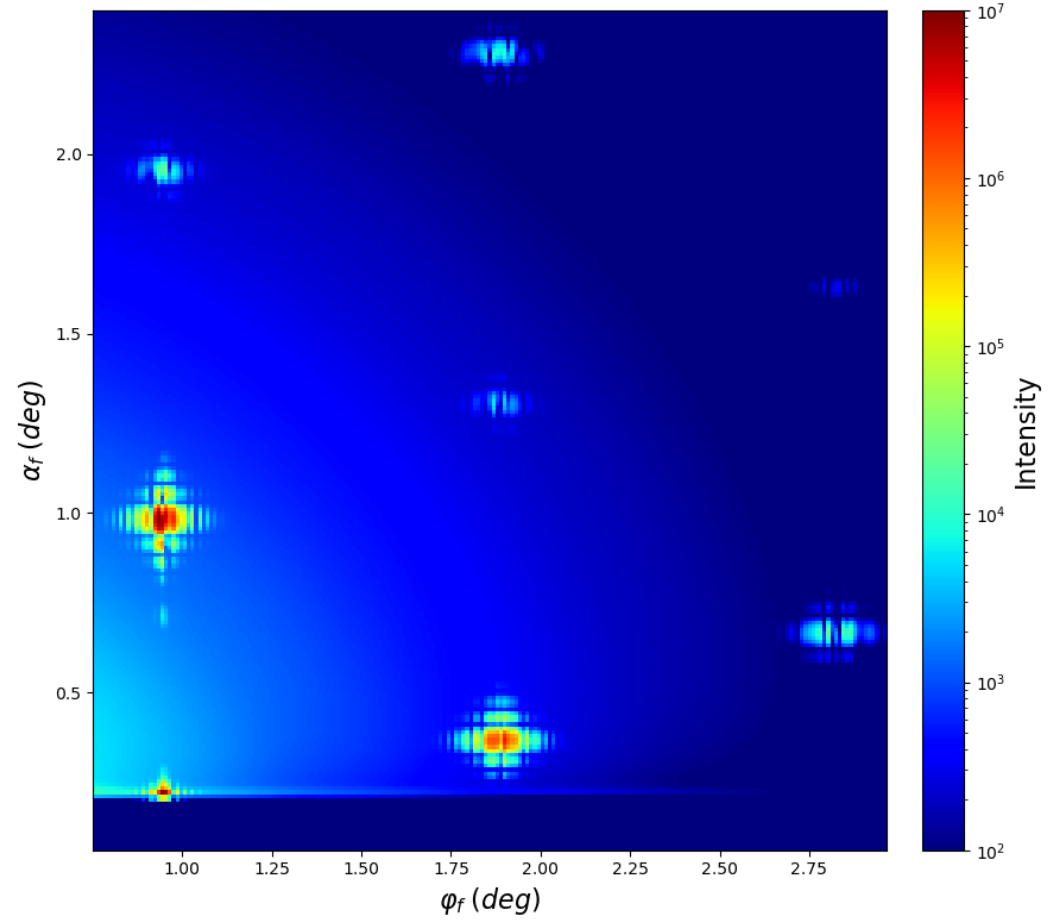
Single meso, meso_radius

```
{
  "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": 675.2631578947369,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



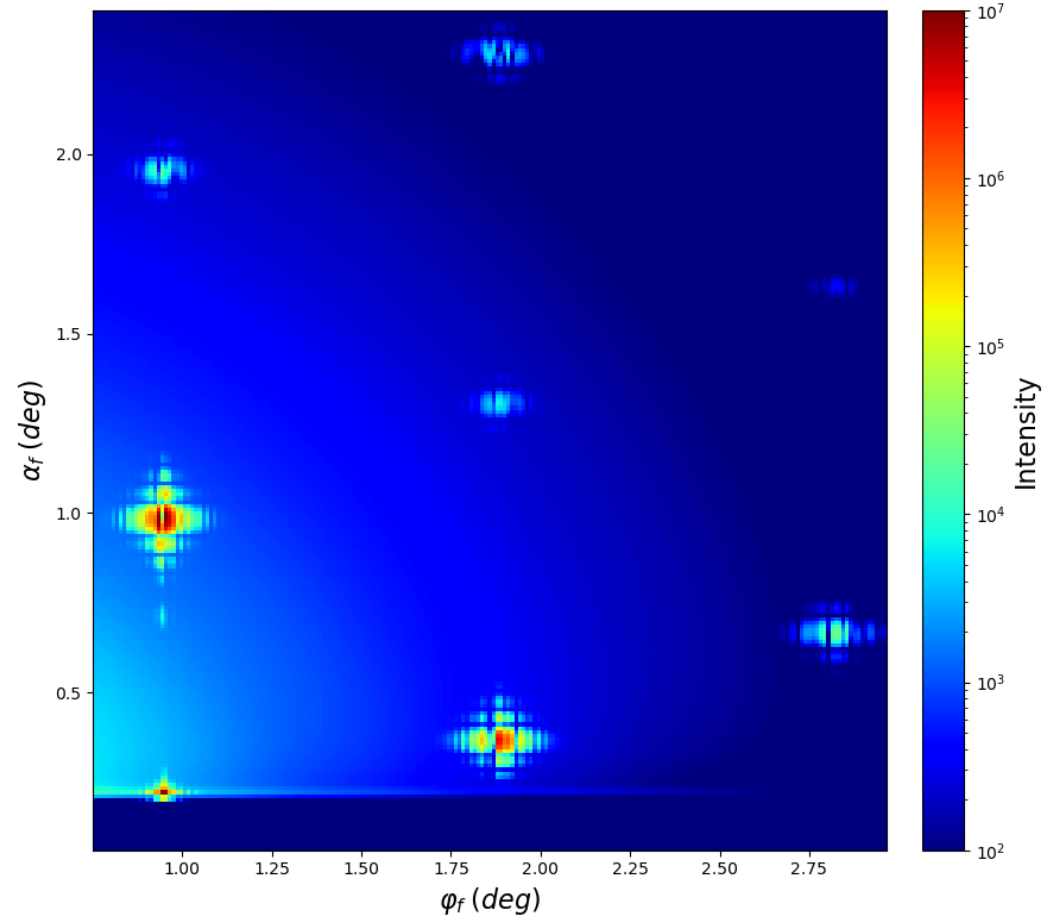
Single meso, meso_radius

```
{
  "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": 716.8421052631579,
  "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_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": 758.421052631579,
  "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_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": 800.0,
  "sigma_meso_height": 20.0,
  "sigma_meso_radius": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```

