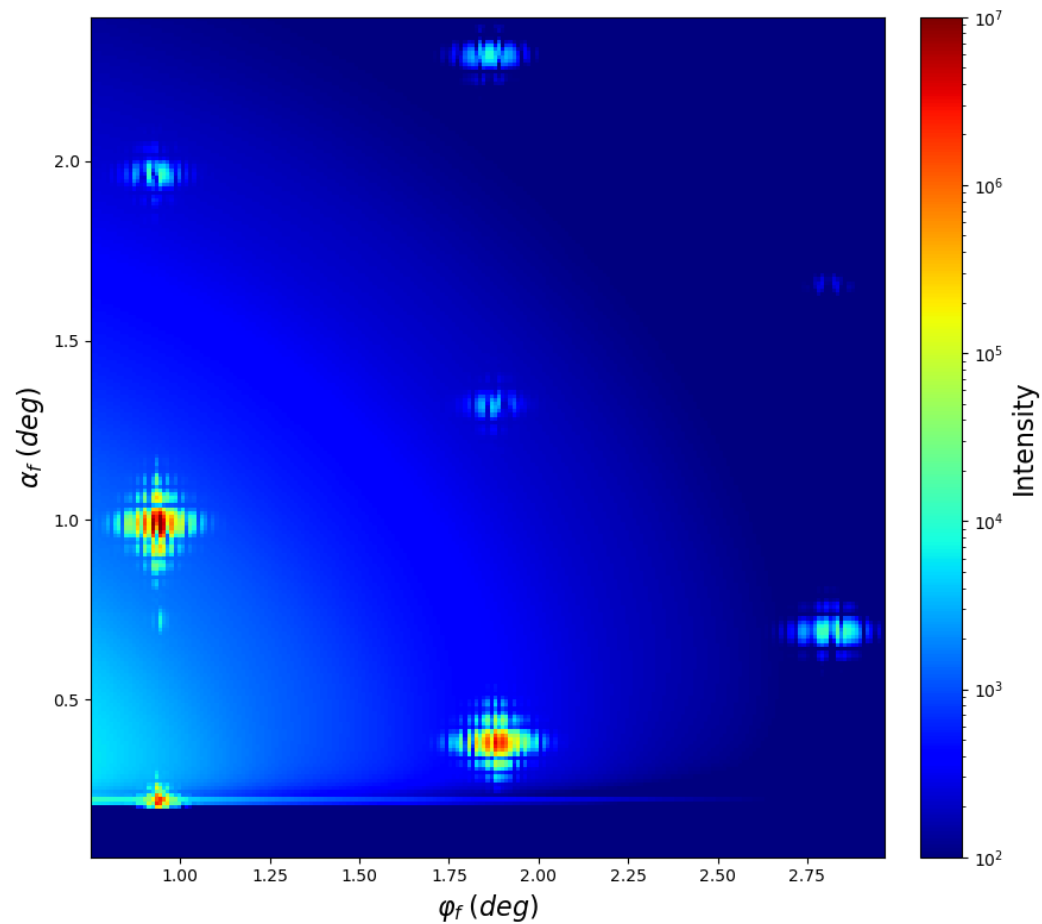


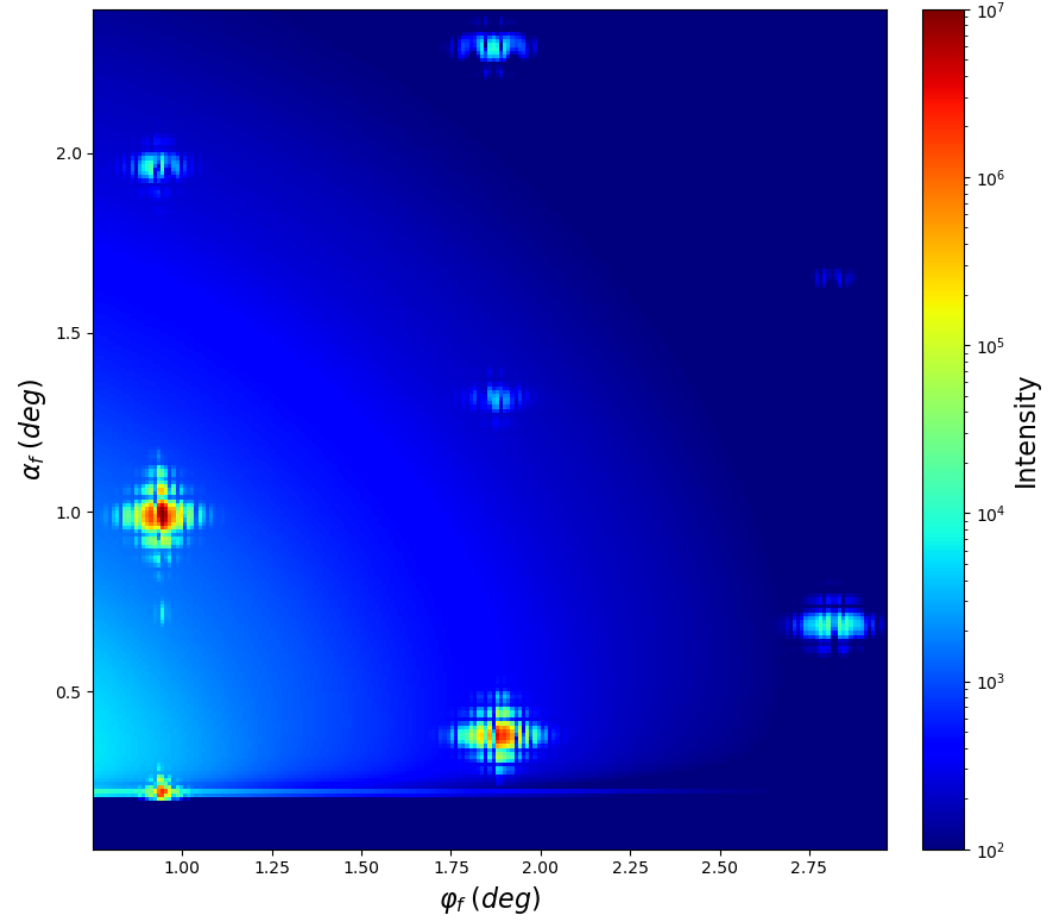
Single meso, rotation_x

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "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": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": -0.5,
  "rotation_z": 0.0
}
```



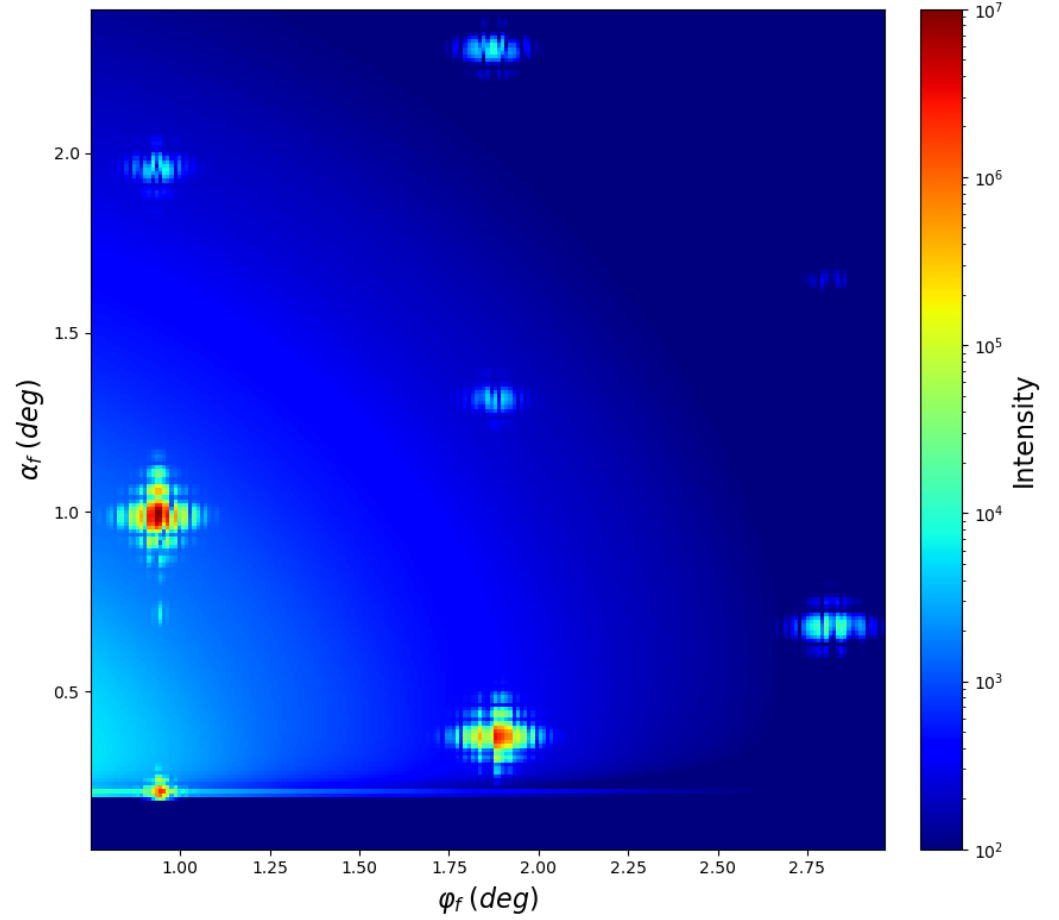
Single meso, rotation_x

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "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": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": -0.4,
  "rotation_z": 0.0
}
```



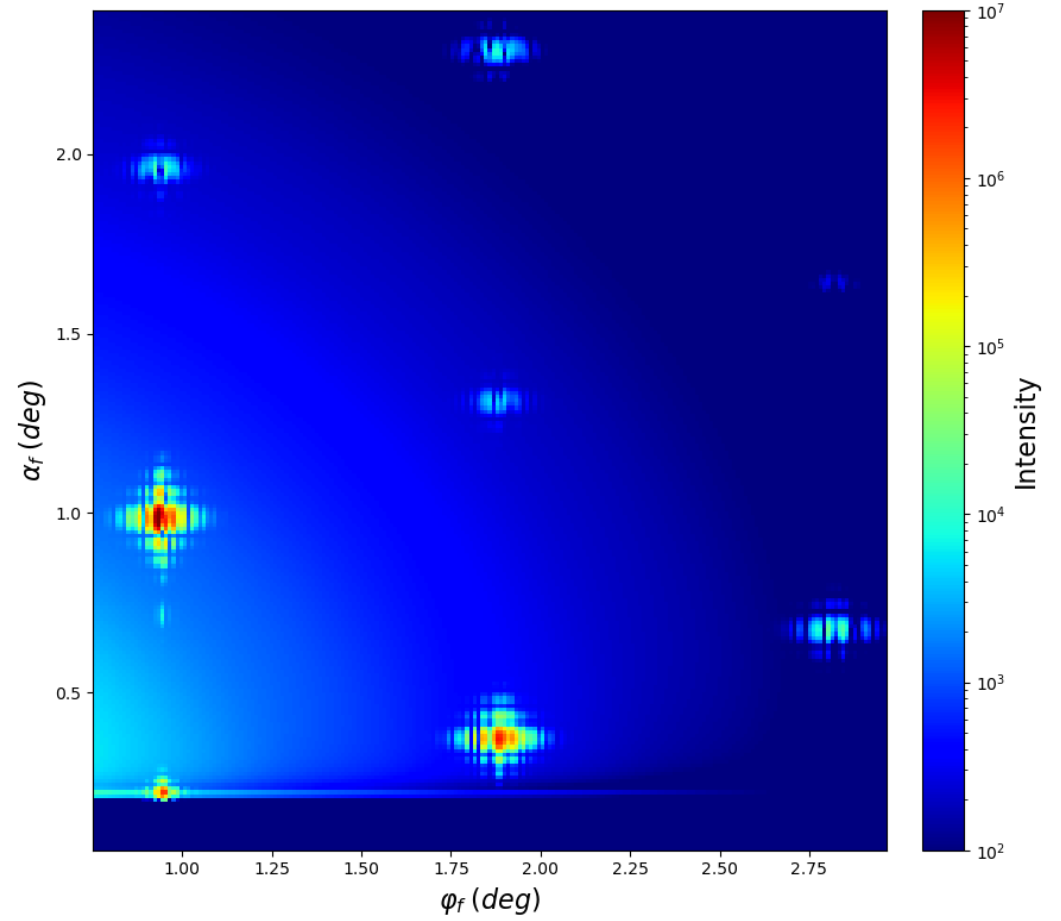
Single meso, rotation_x

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "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": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": -0.3,
  "rotation_z": 0.0
}
```



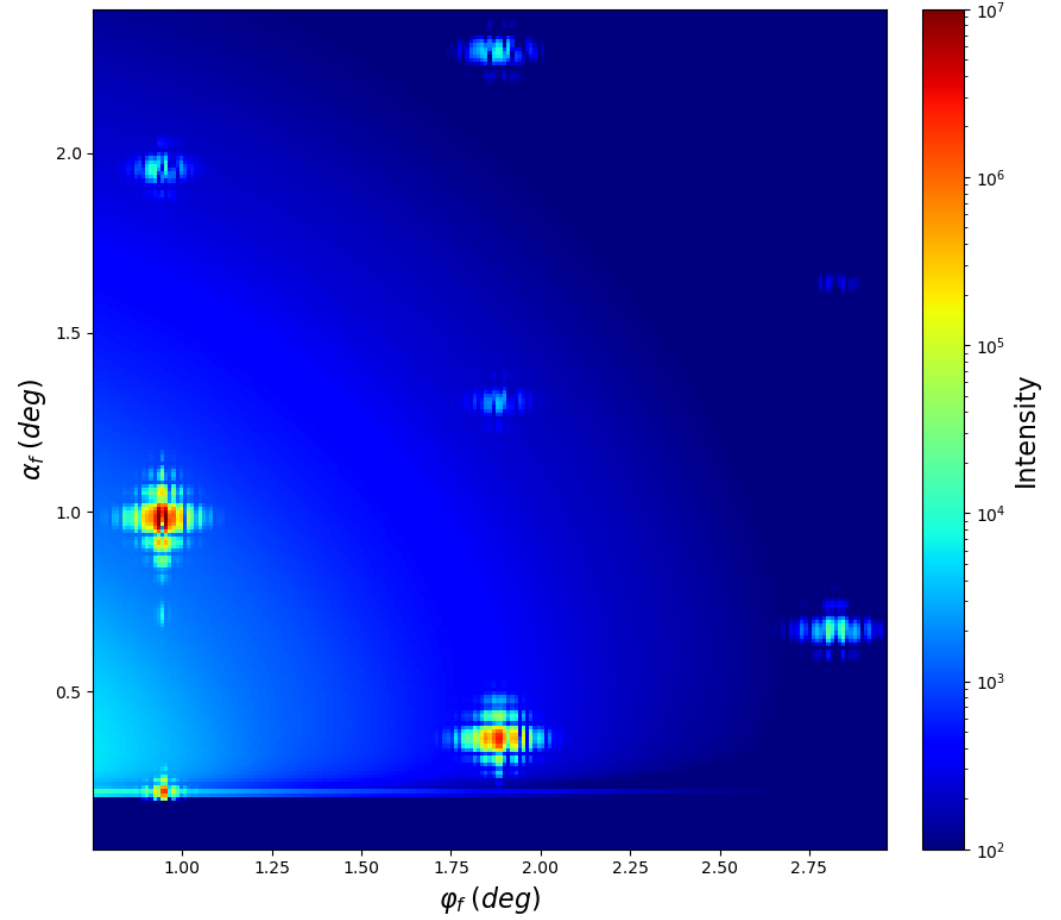
Single meso, rotation_x

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "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": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": -0.19999999999999996,
  "rotation_z": 0.0
}
```



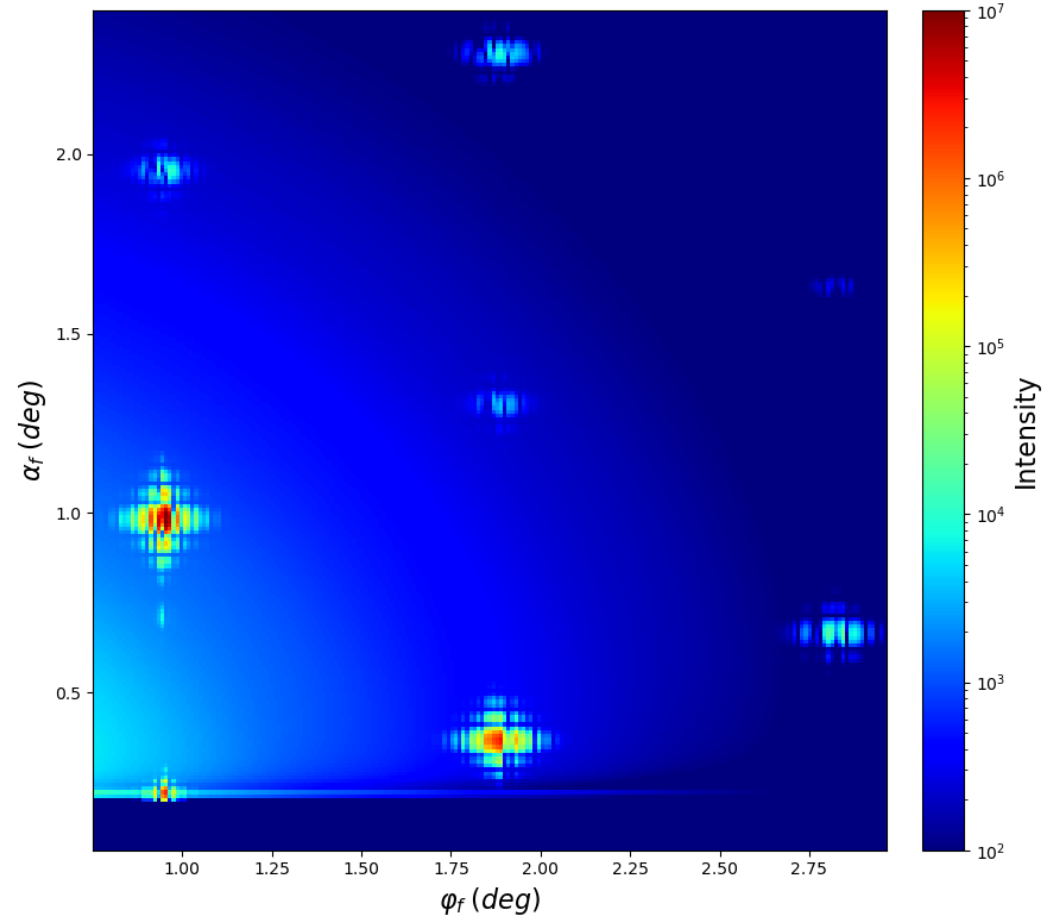
Single meso, rotation_x

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "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": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": -0.09999999999999998,
  "rotation_z": 0.0
}
```



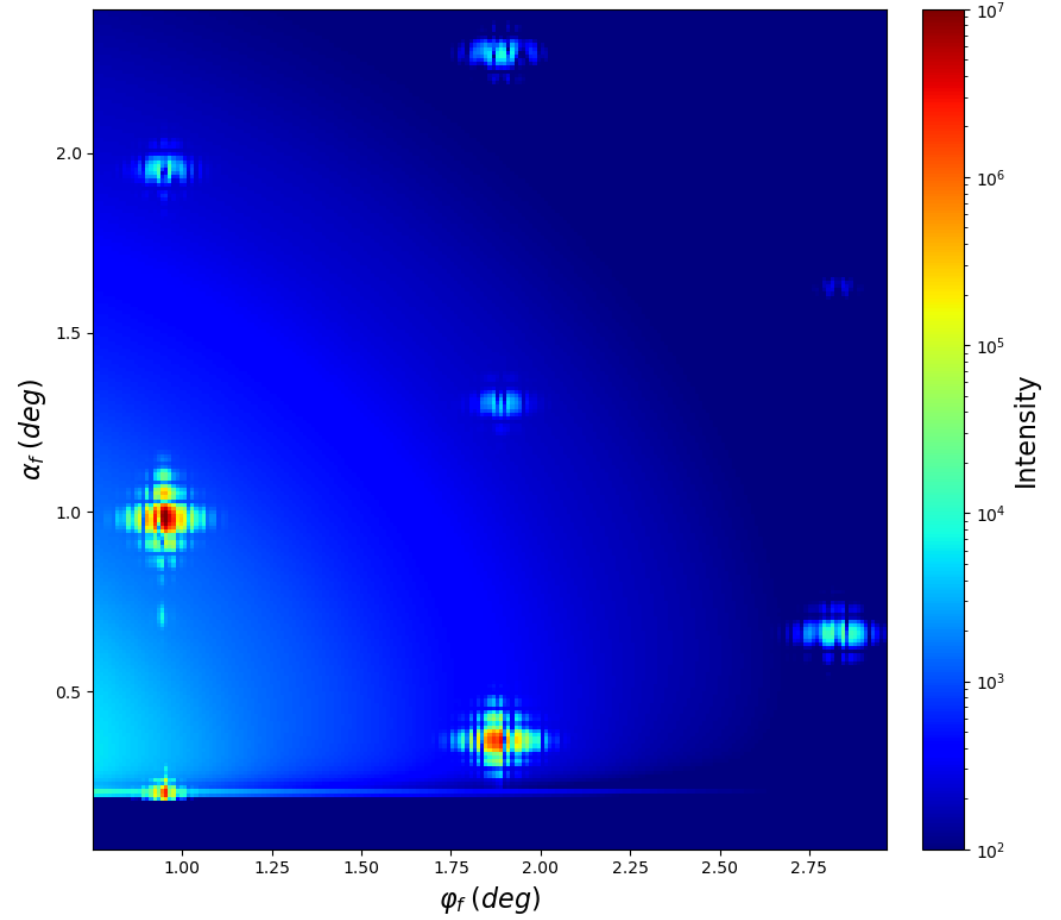
Single meso, rotation_x

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "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": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



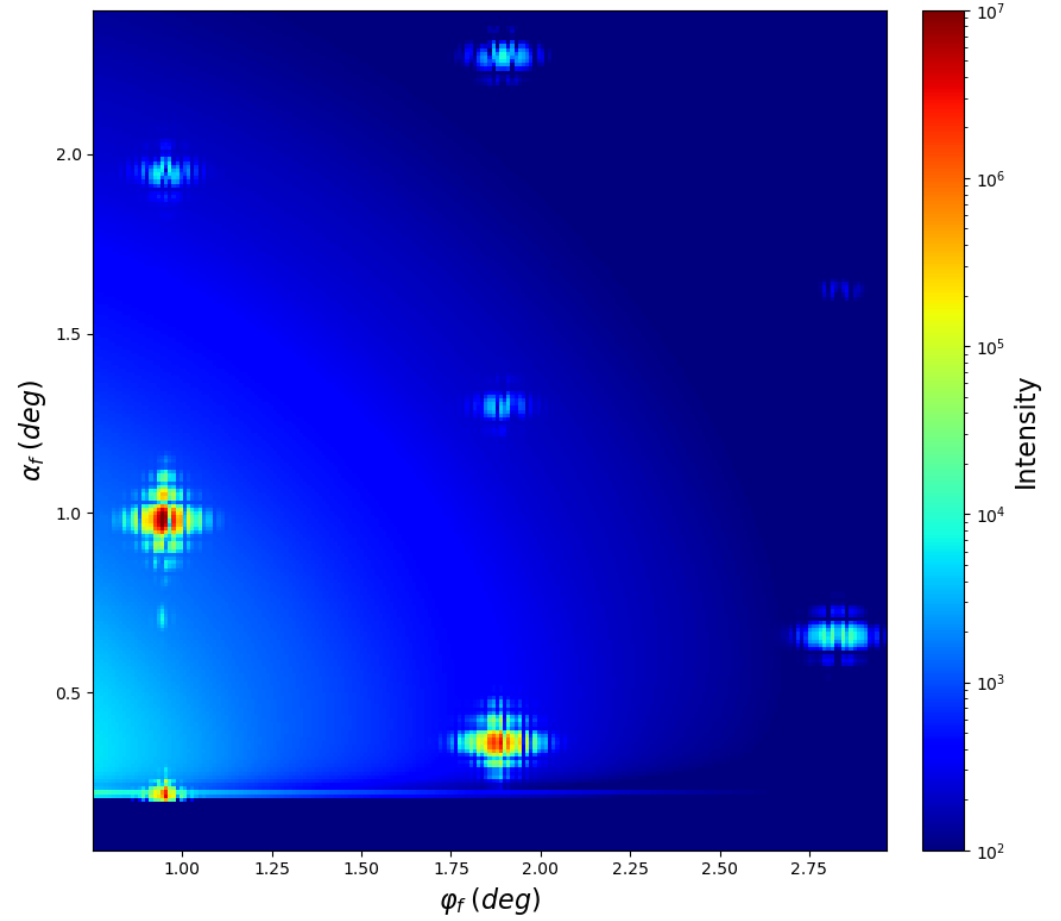
Single meso, rotation_x

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "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": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.10000000000000009,
  "rotation_z": 0.0
}
```



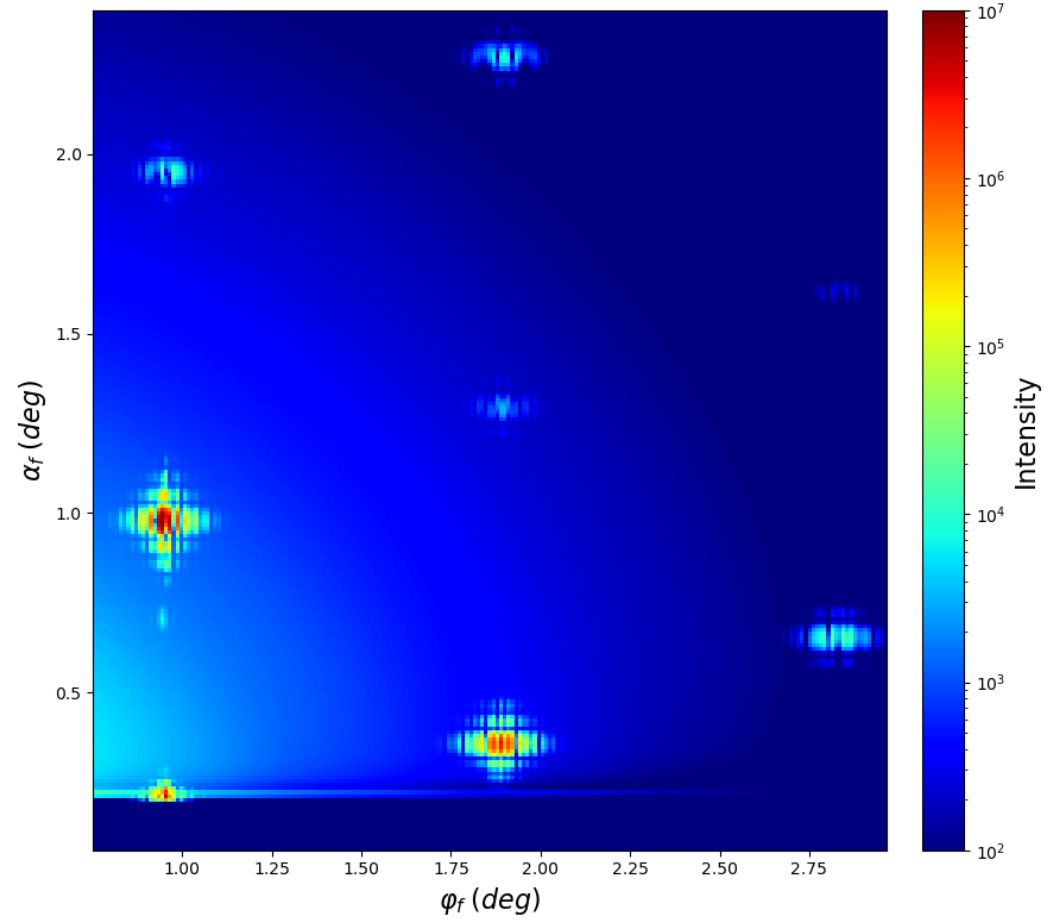
Single meso, rotation_x

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "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": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.20000000000000007,
  "rotation_z": 0.0
}
```



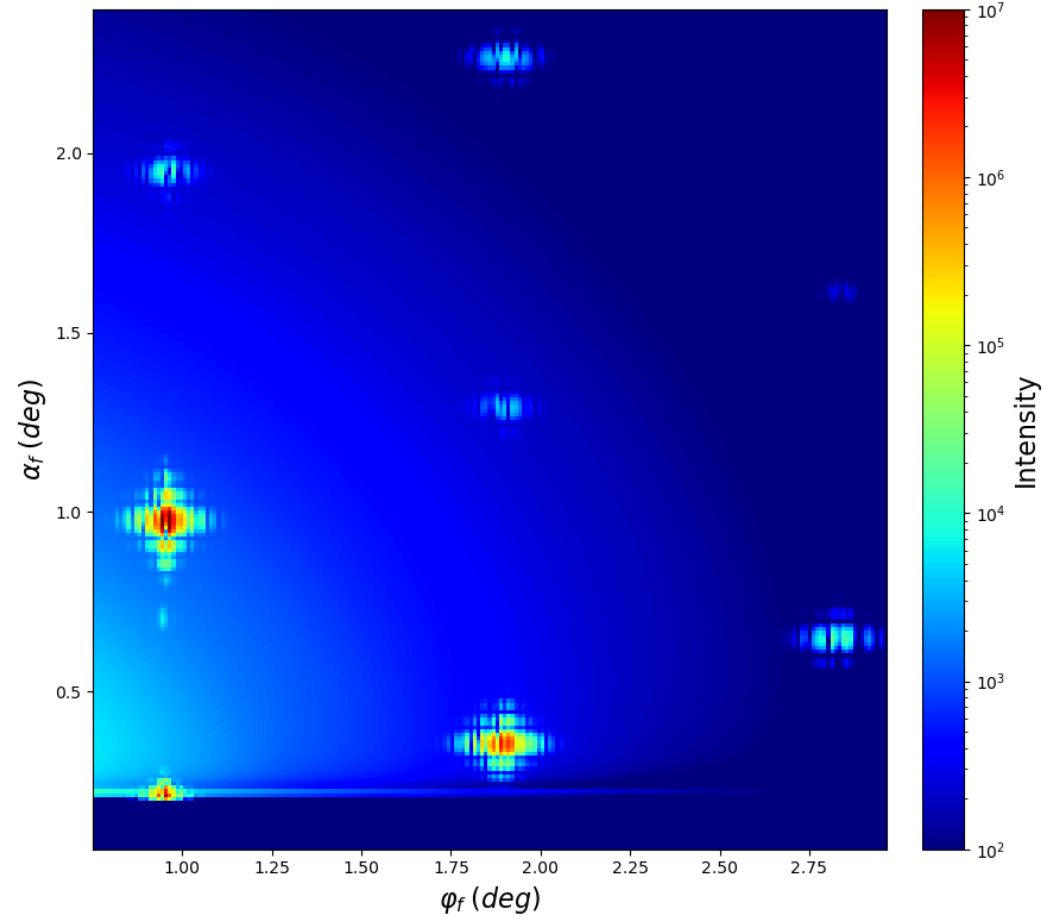
Single meso, rotation_x

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "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": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.30000000000000004,
  "rotation_z": 0.0
}
```



Single meso, rotation_x

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "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": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.4,
  "rotation_z": 0.0
}
```



Single meso, rotation_x

```
{
  "sample_builder_type": "SampleBuilderVer1",
  "roughness": 6.0,
  "surface_filling_ratio": 0.25,
  "average_layer_thickness": 600,
  "meso_elevation": 10,
  "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": 20.0,
  "sigma_lattice_length_a": 0.5,
  "rotation_x": 0.5,
  "rotation_z": 0.0
}
```

