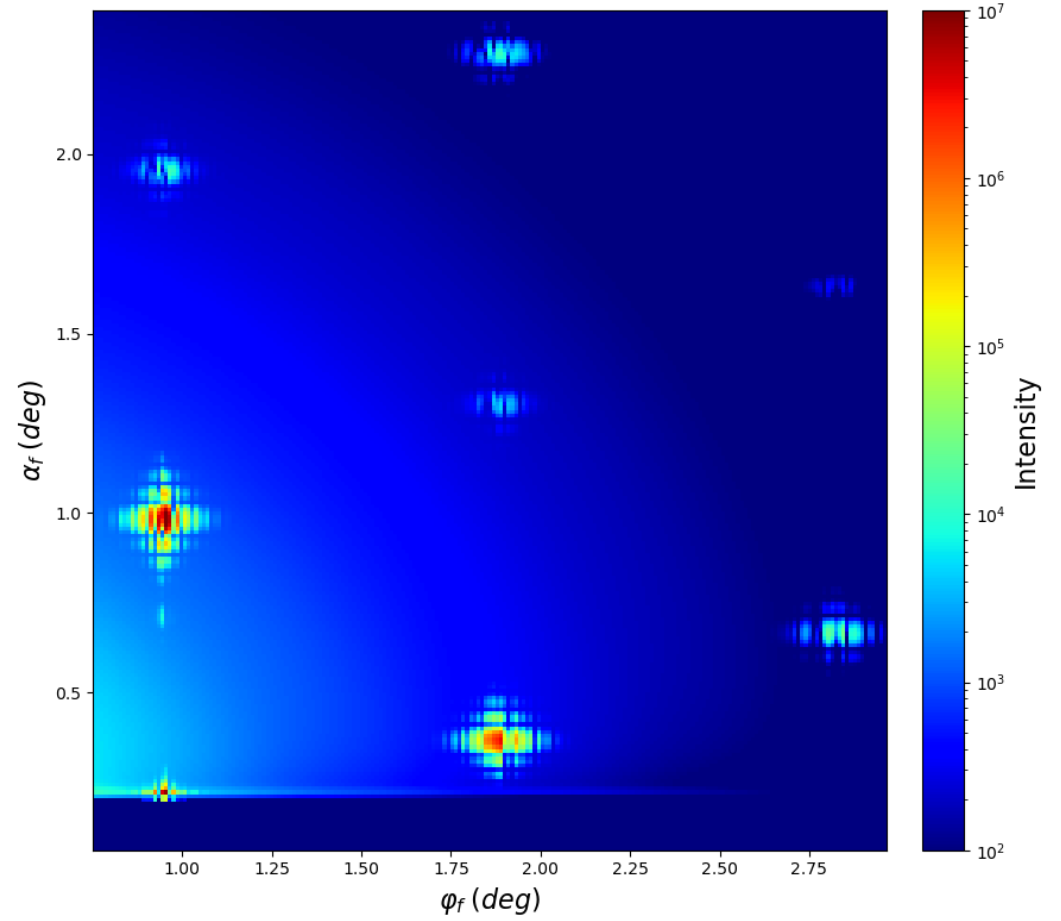


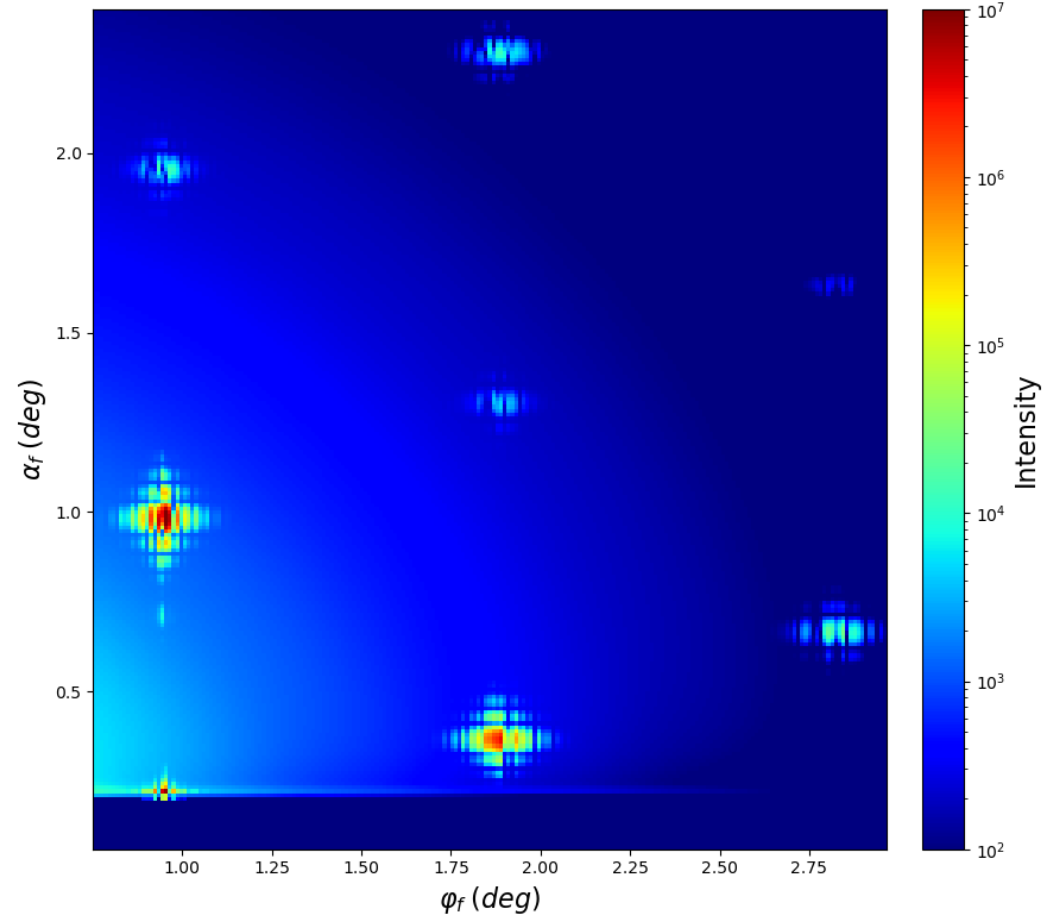
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 0.01,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



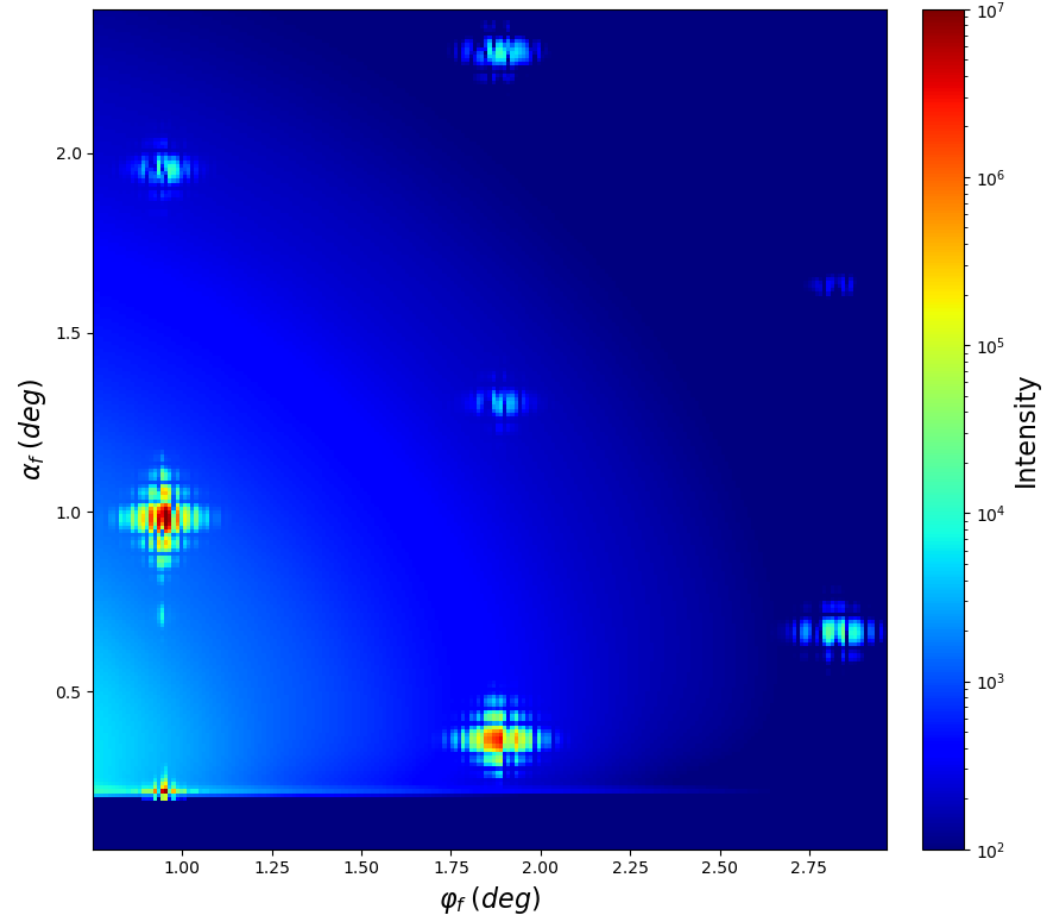
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 0.10999999999999999,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



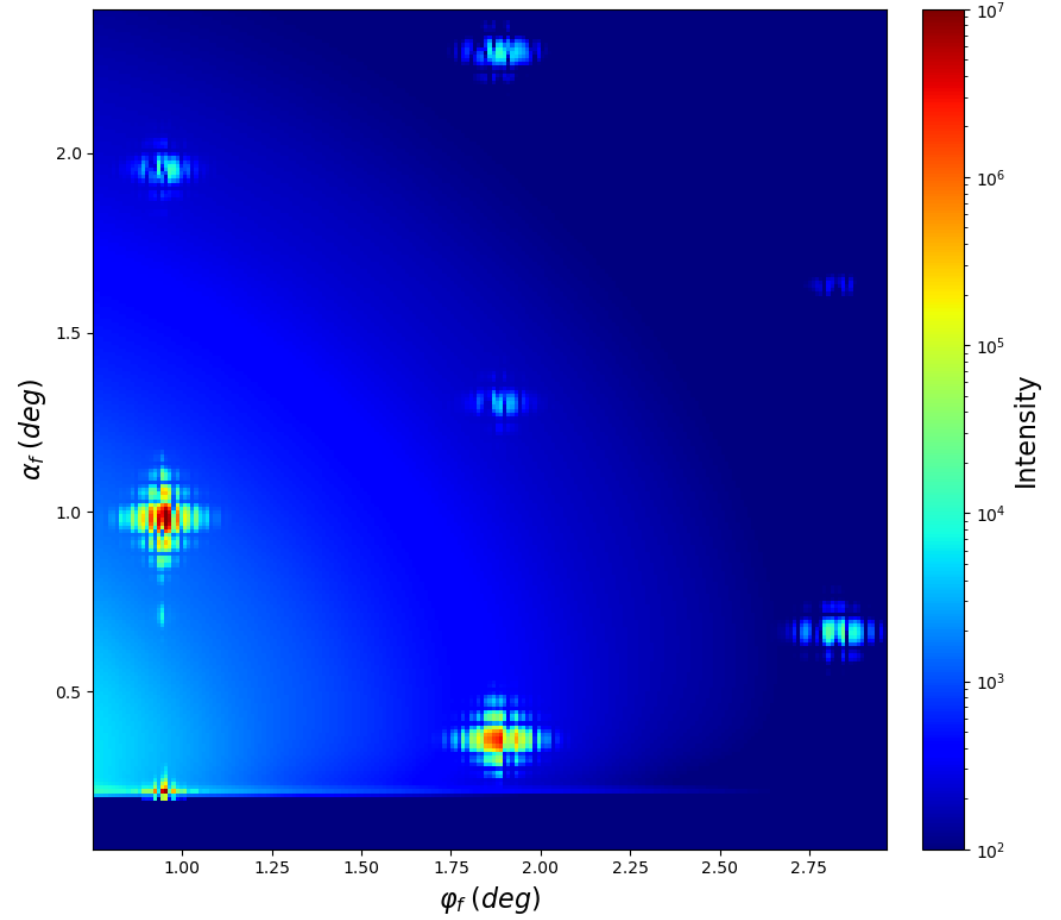
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 0.21,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



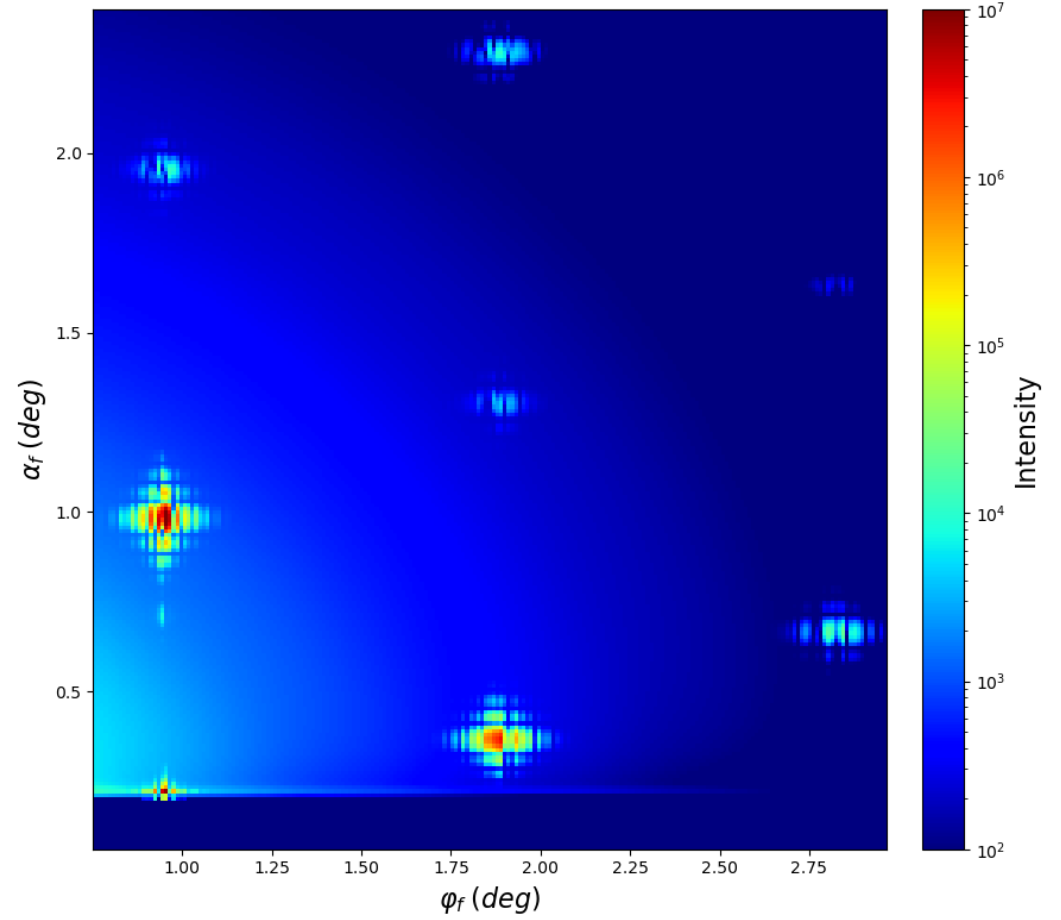
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 0.31,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



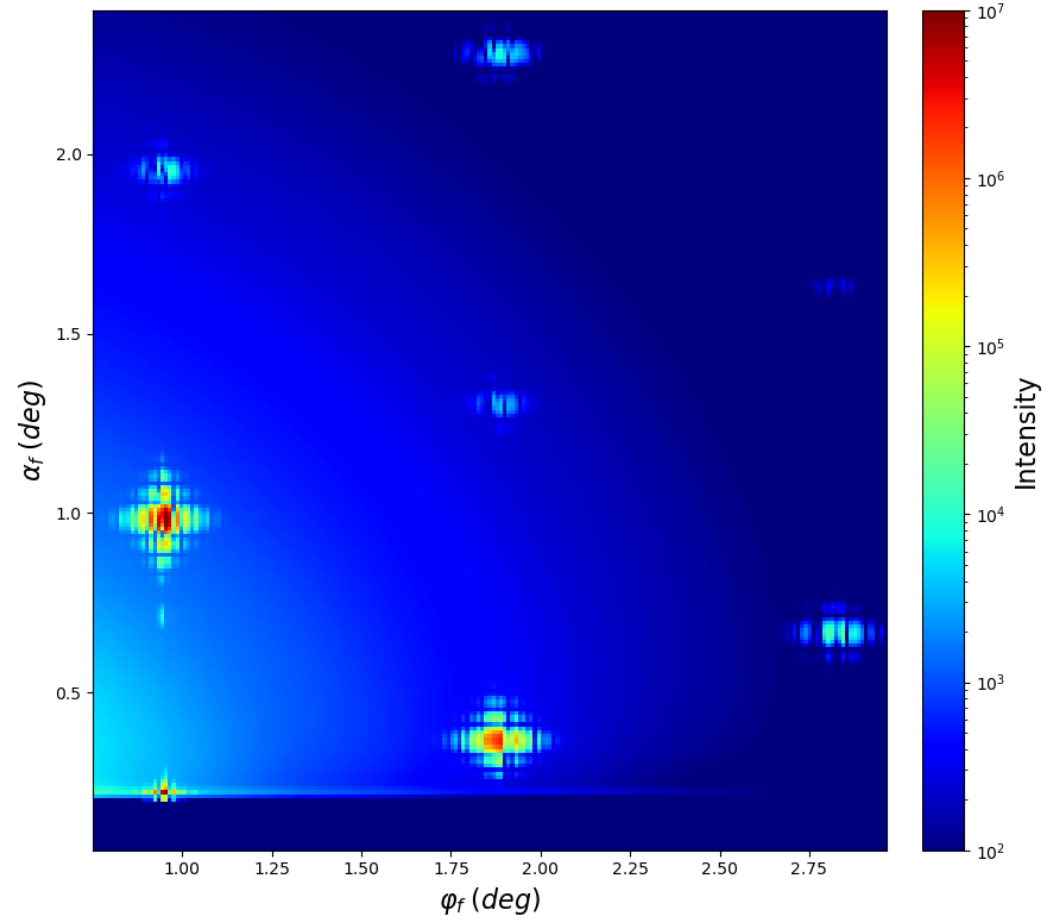
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 0.41,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



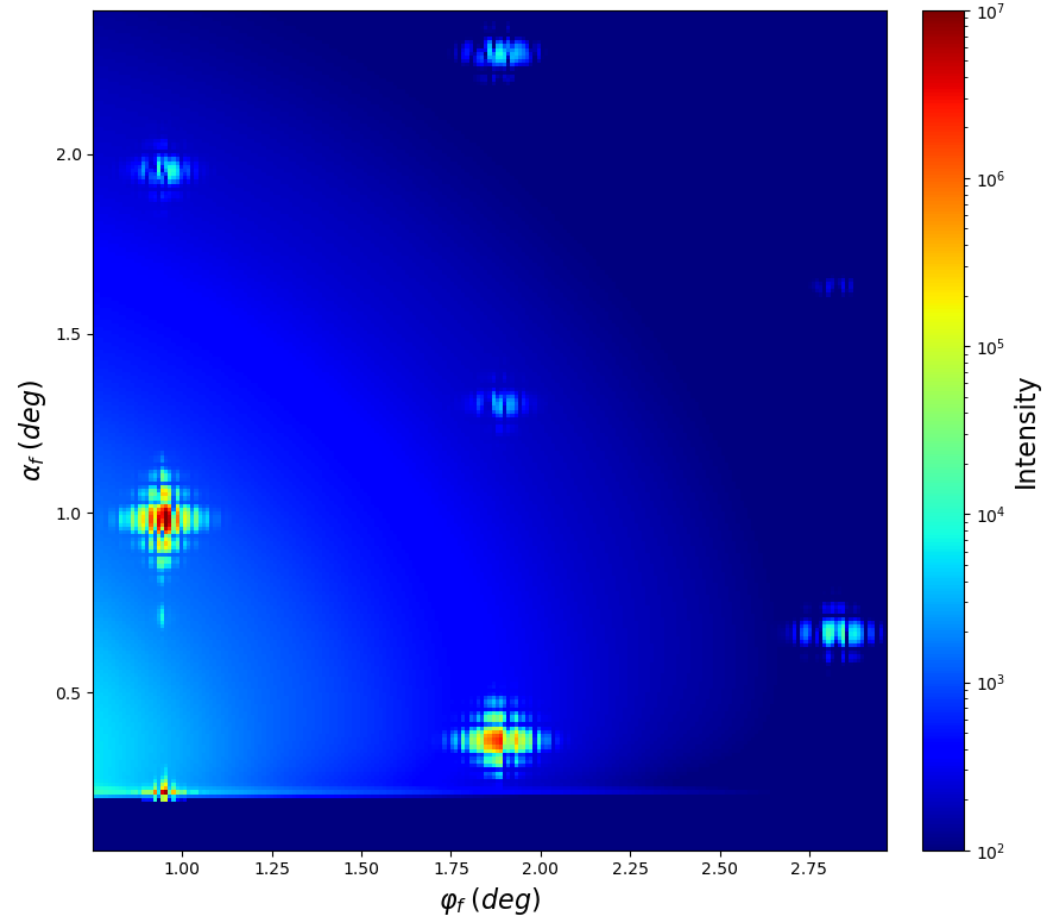
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 0.5099999999999999,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



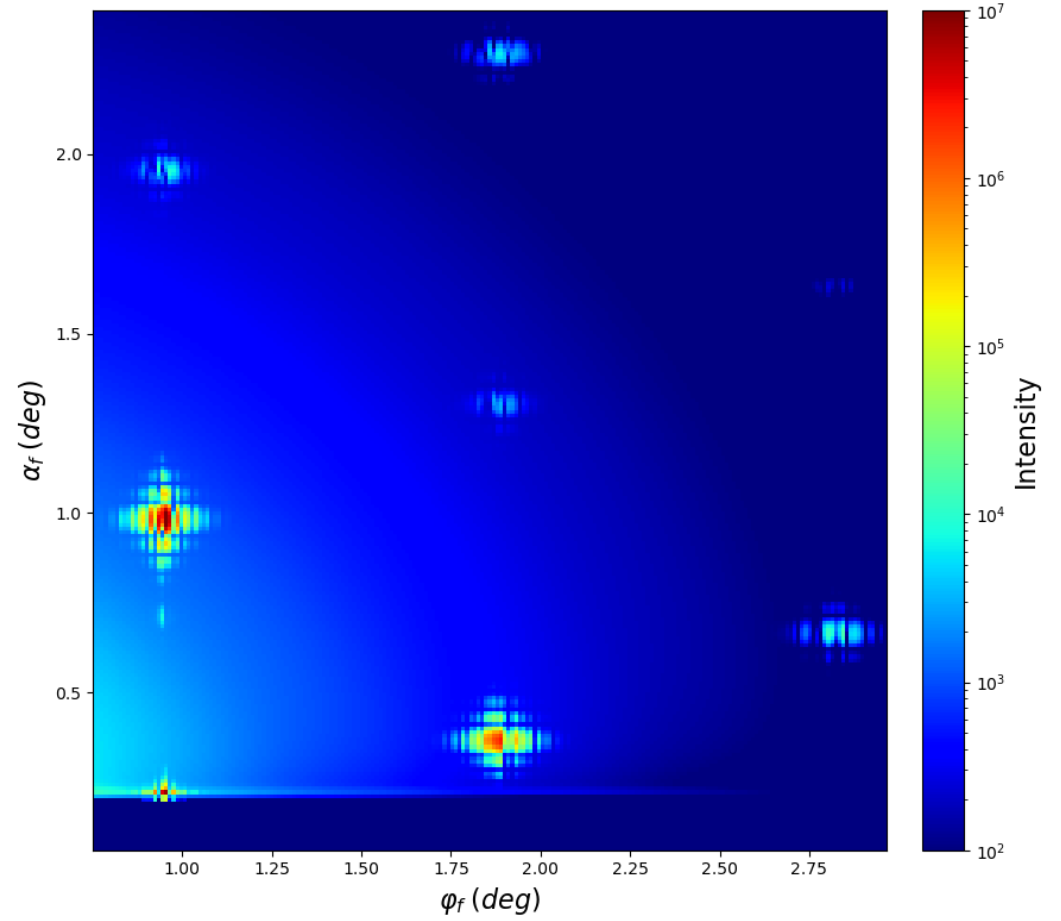
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 0.61,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



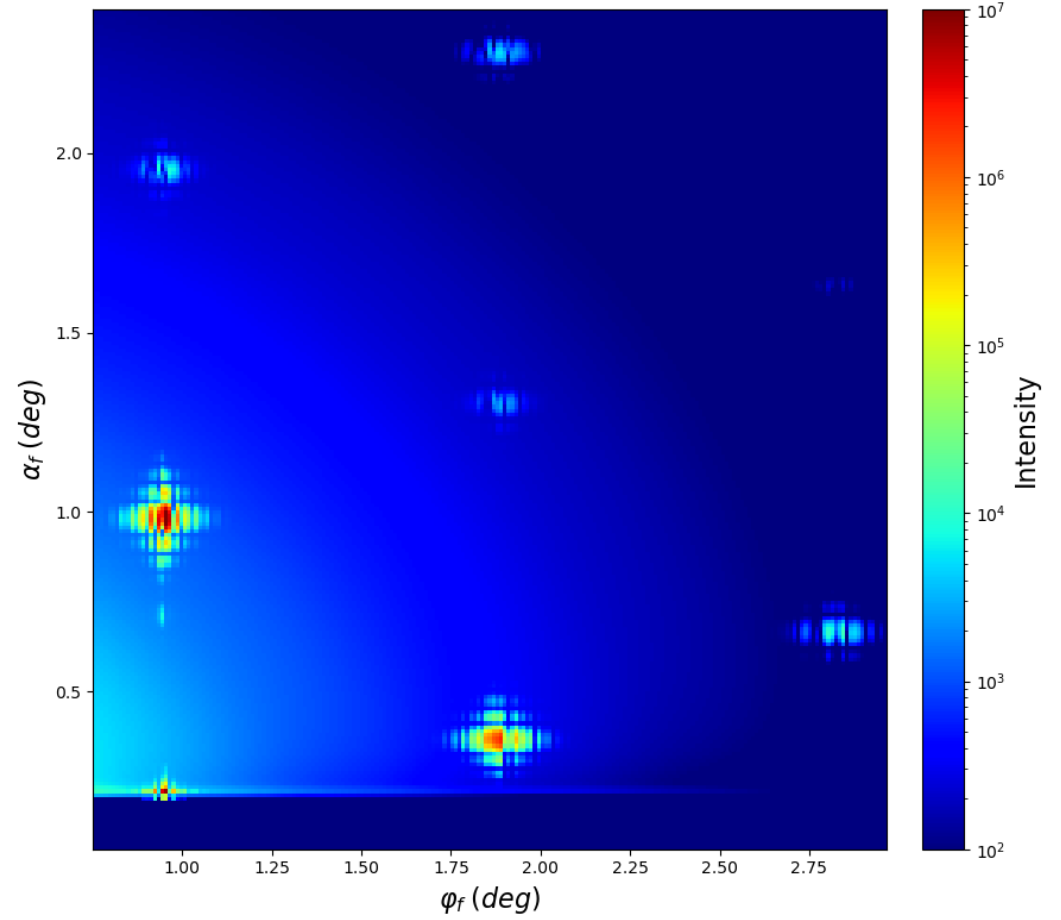
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 0.71,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



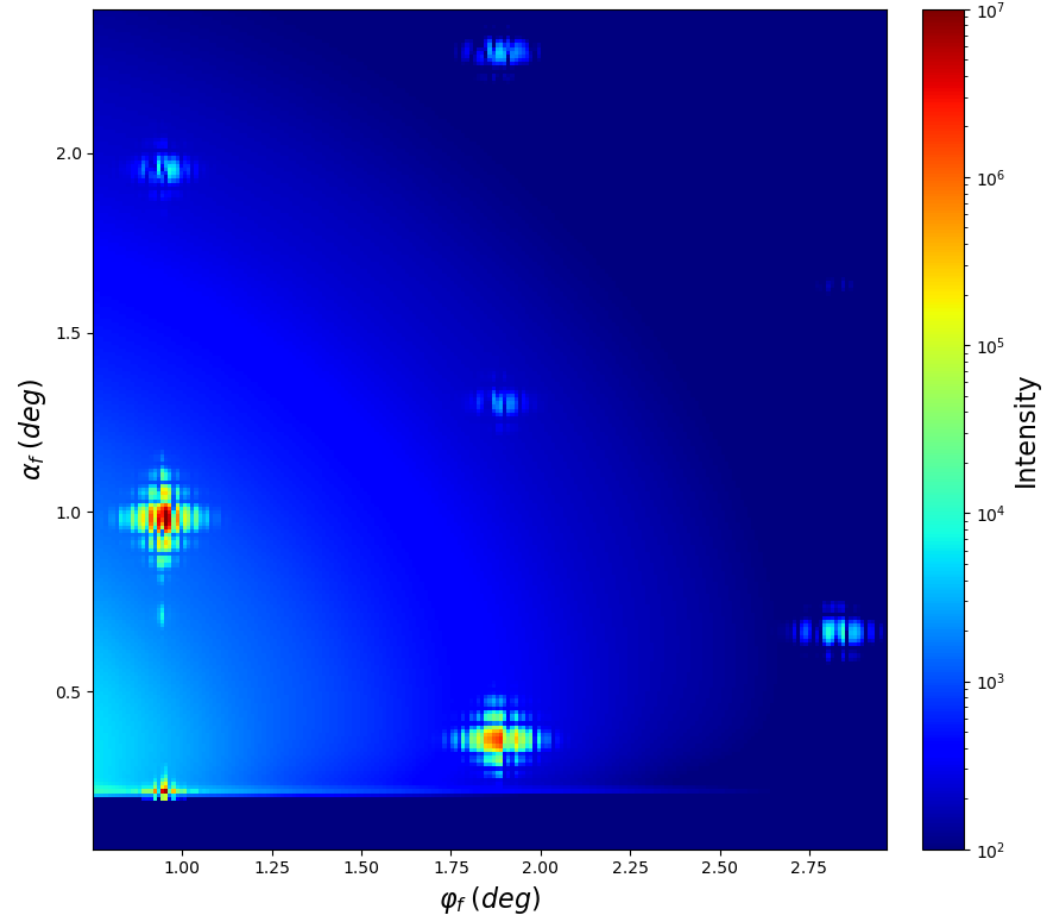
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 0.8099999999999999,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



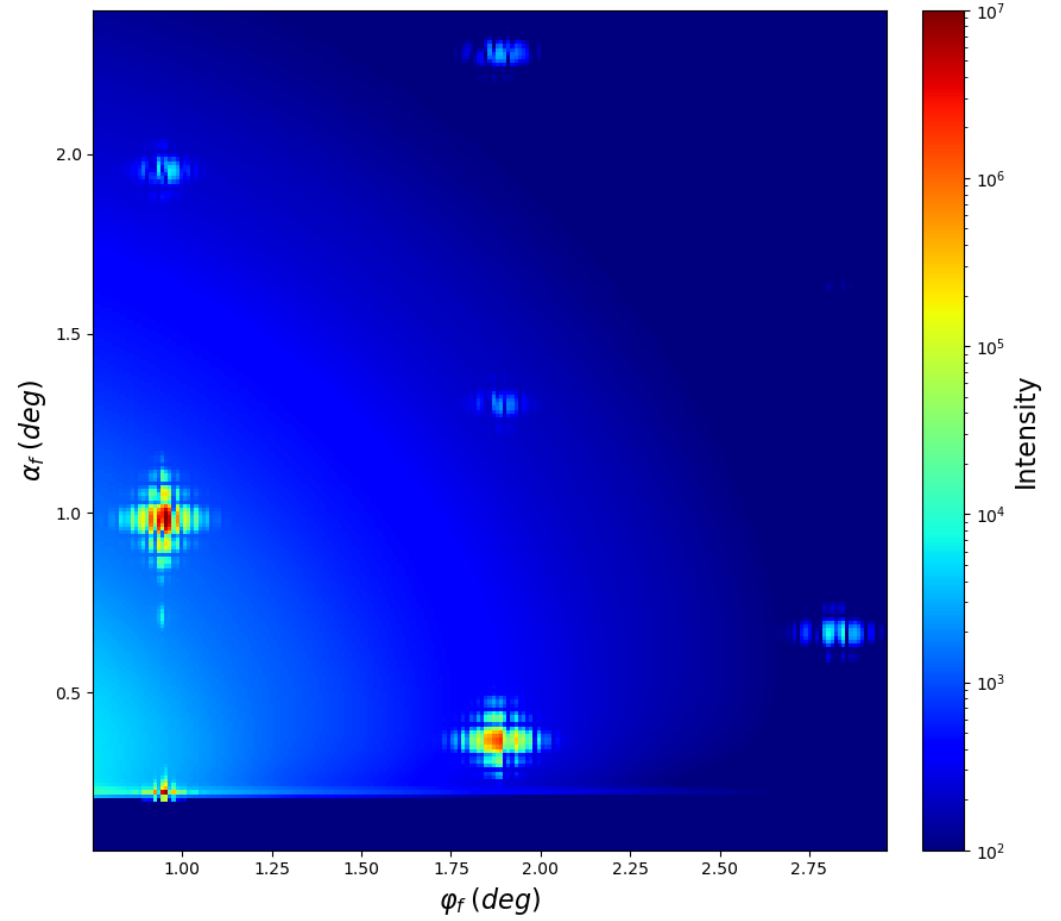
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 0.9099999999999999,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



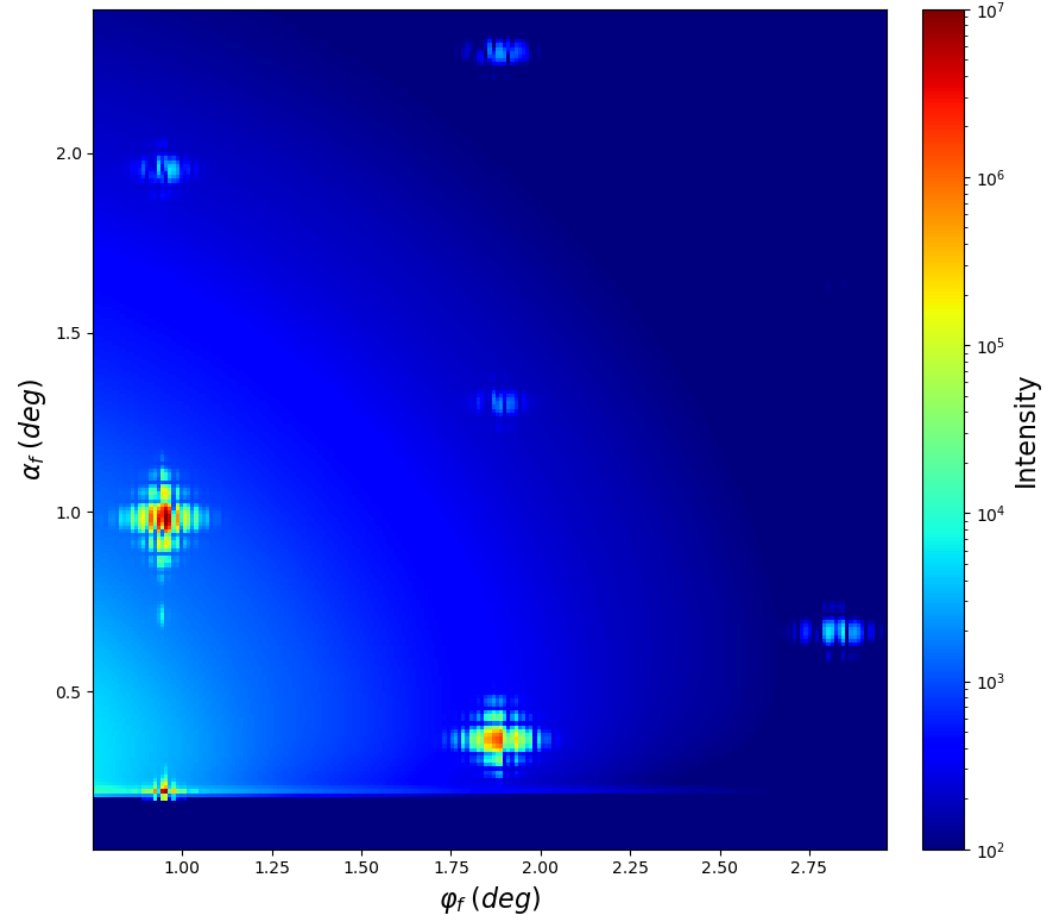
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 1.0099999999999998,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



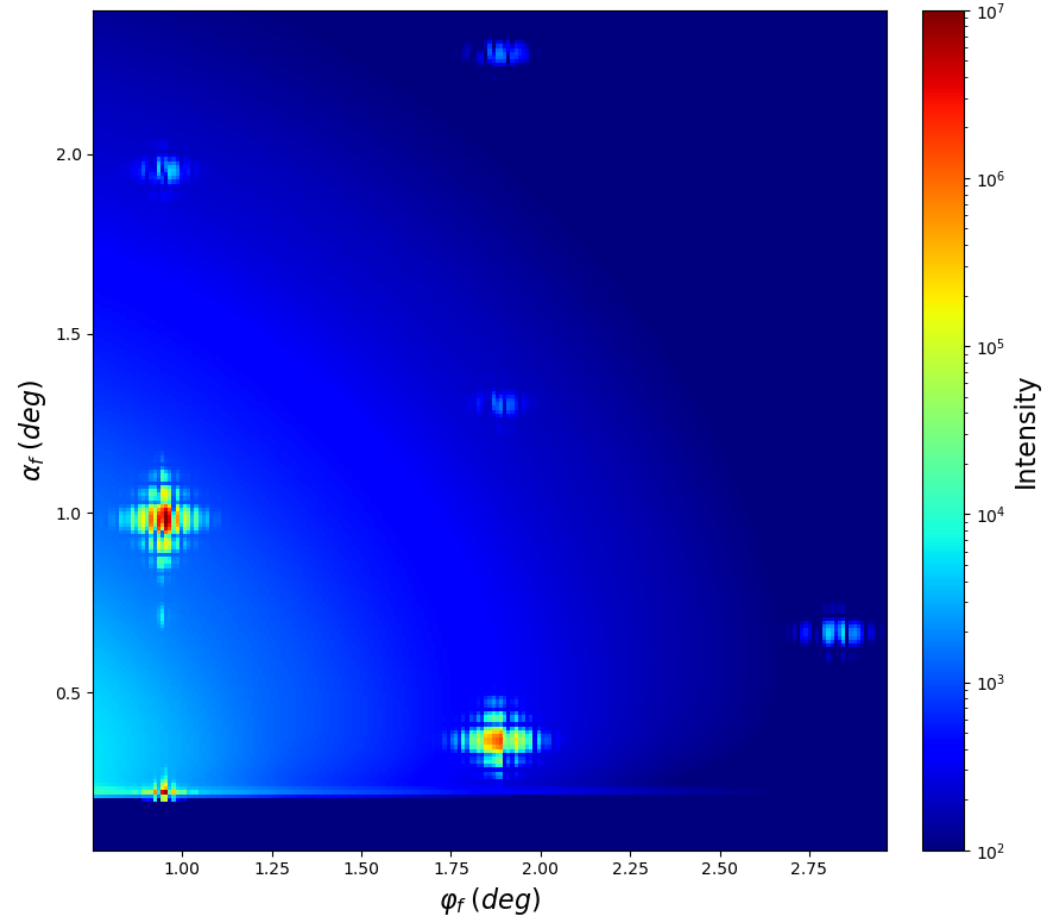
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 1.1099999999999999,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



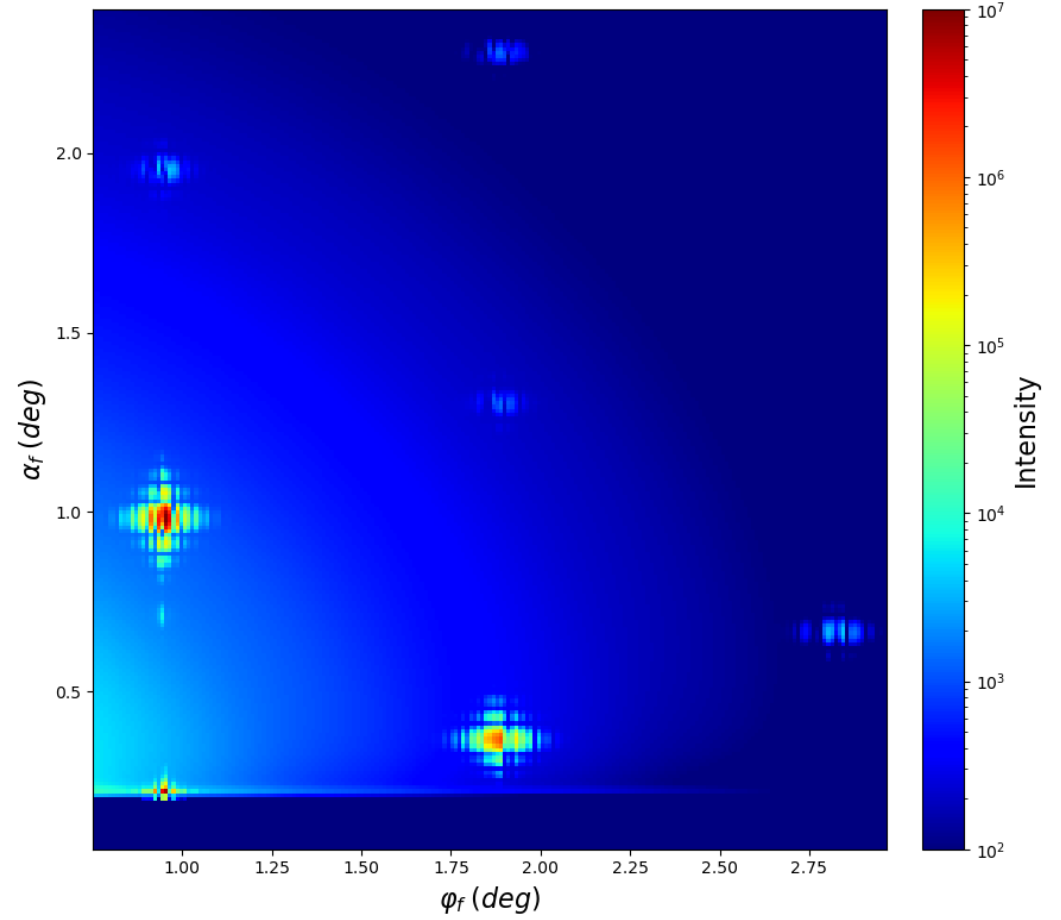
Single meso, sigma_lattice_length_a

```
{  
  "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": 20.0,  
  "sigma_lattice_length_a": 1.21,  
  "rotation_x": 0.0,  
  "rotation_z": 0.0  
}
```



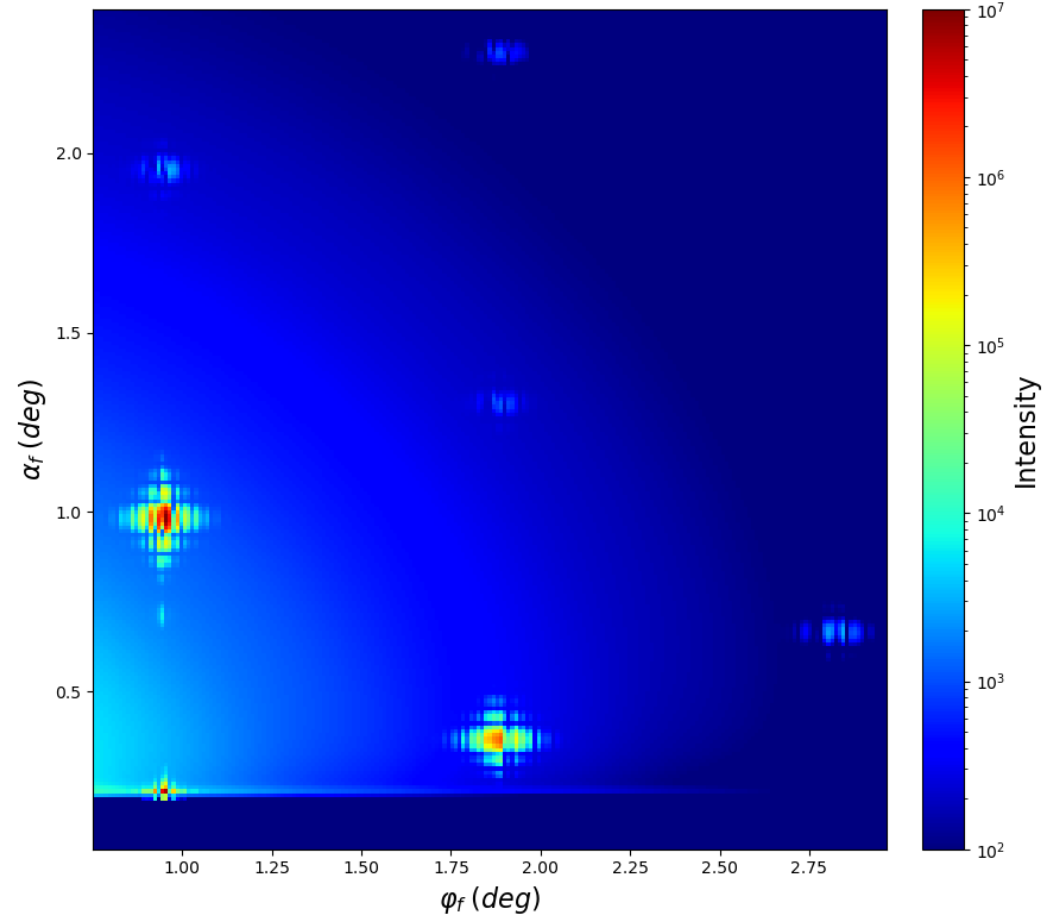
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 1.3099999999999998,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



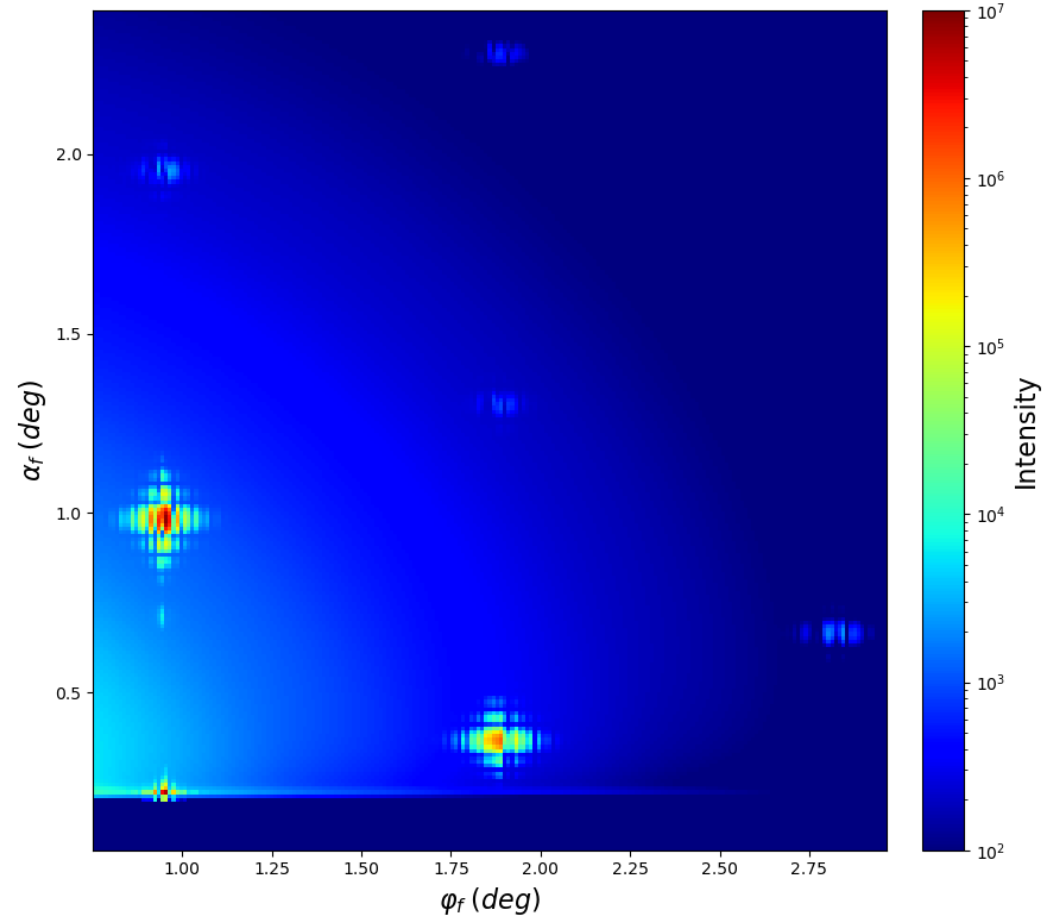
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 1.41,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



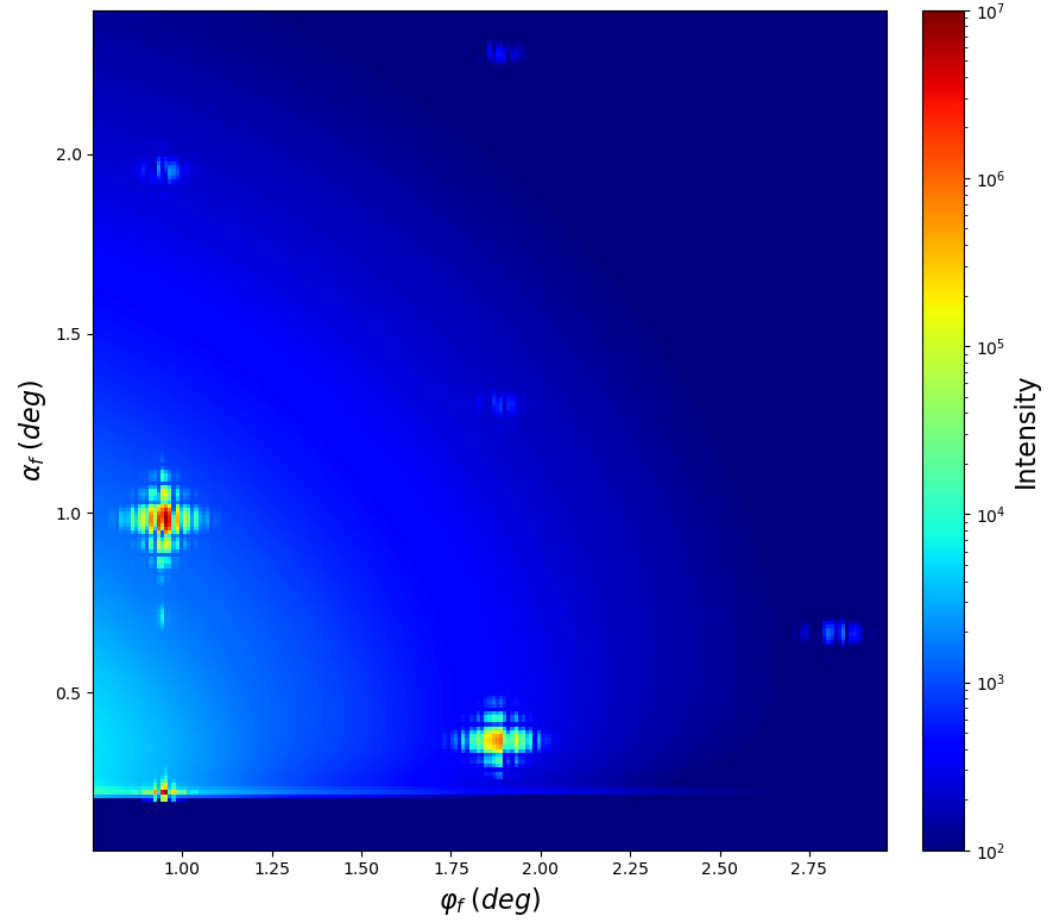
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 1.5099999999999998,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



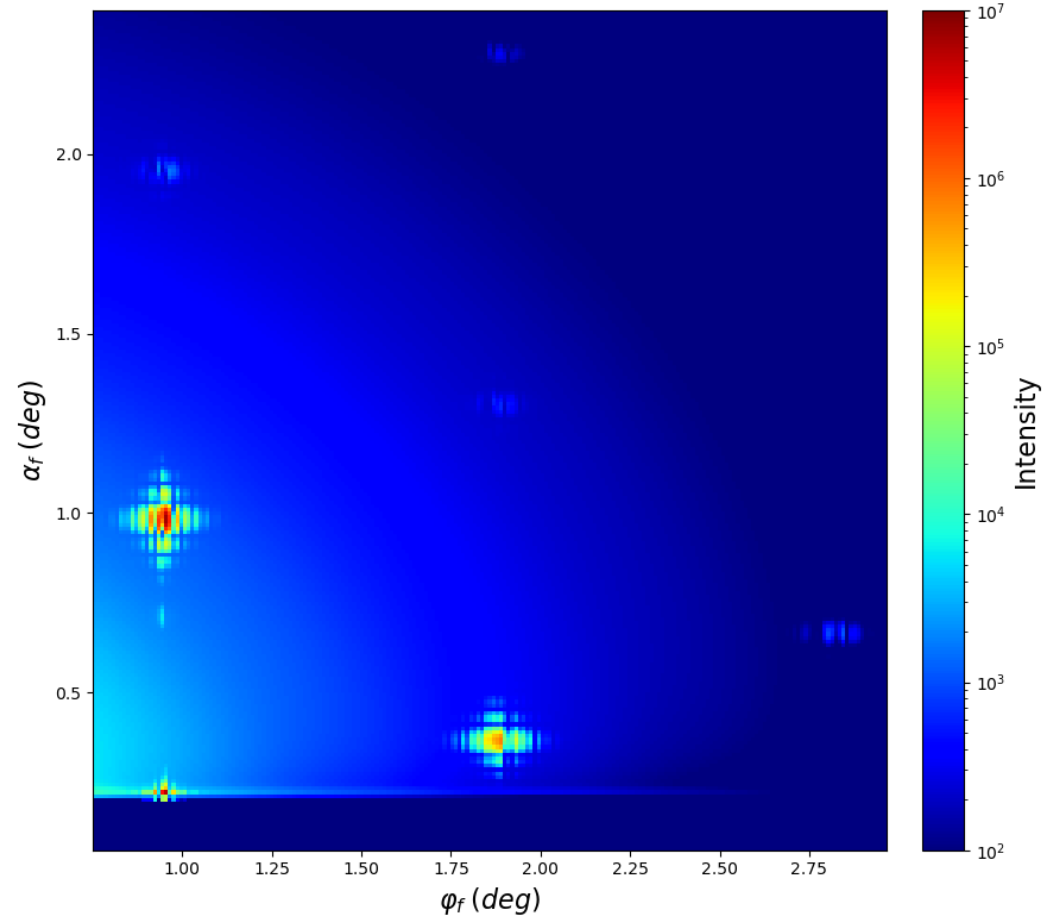
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 1.6099999999999999,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



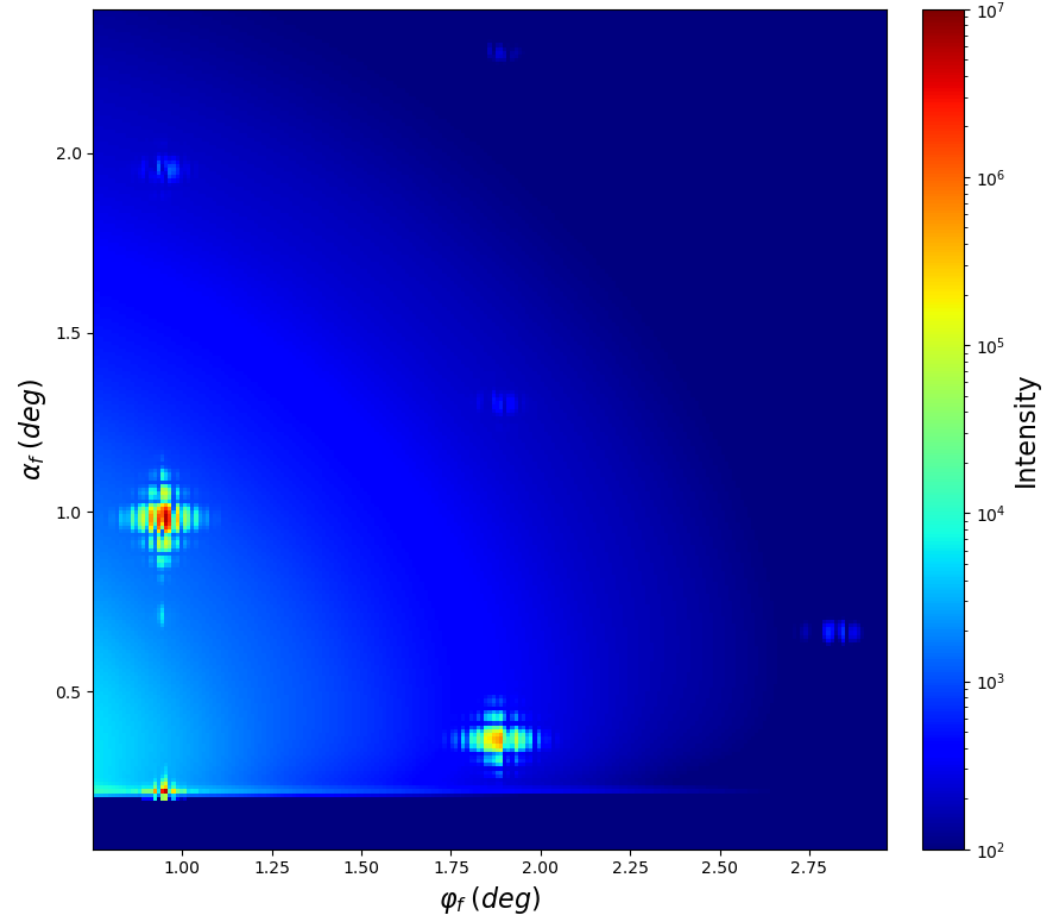
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 1.71,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



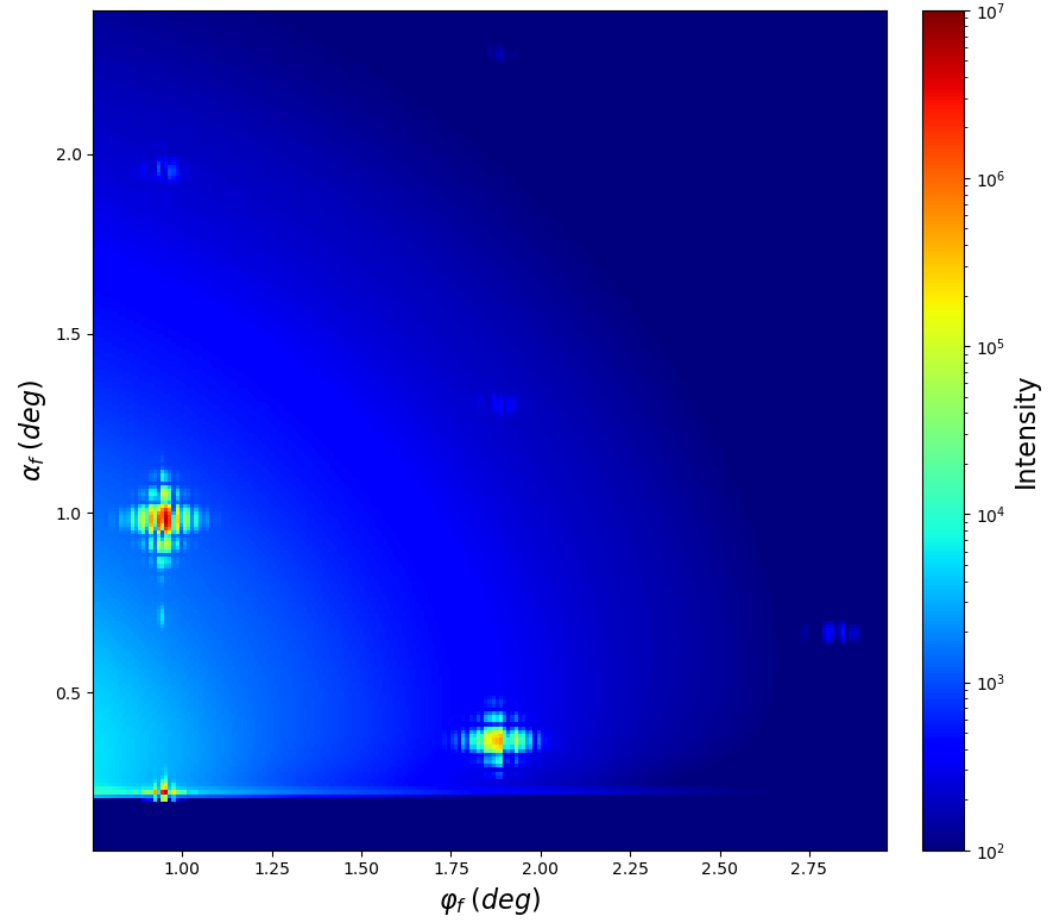
Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 1.8099999999999998,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 1.91,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```



Single meso, sigma_lattice_length_a

```
{
  "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": 20.0,
  "sigma_lattice_length_a": 2.01,
  "rotation_x": 0.0,
  "rotation_z": 0.0
}
```

