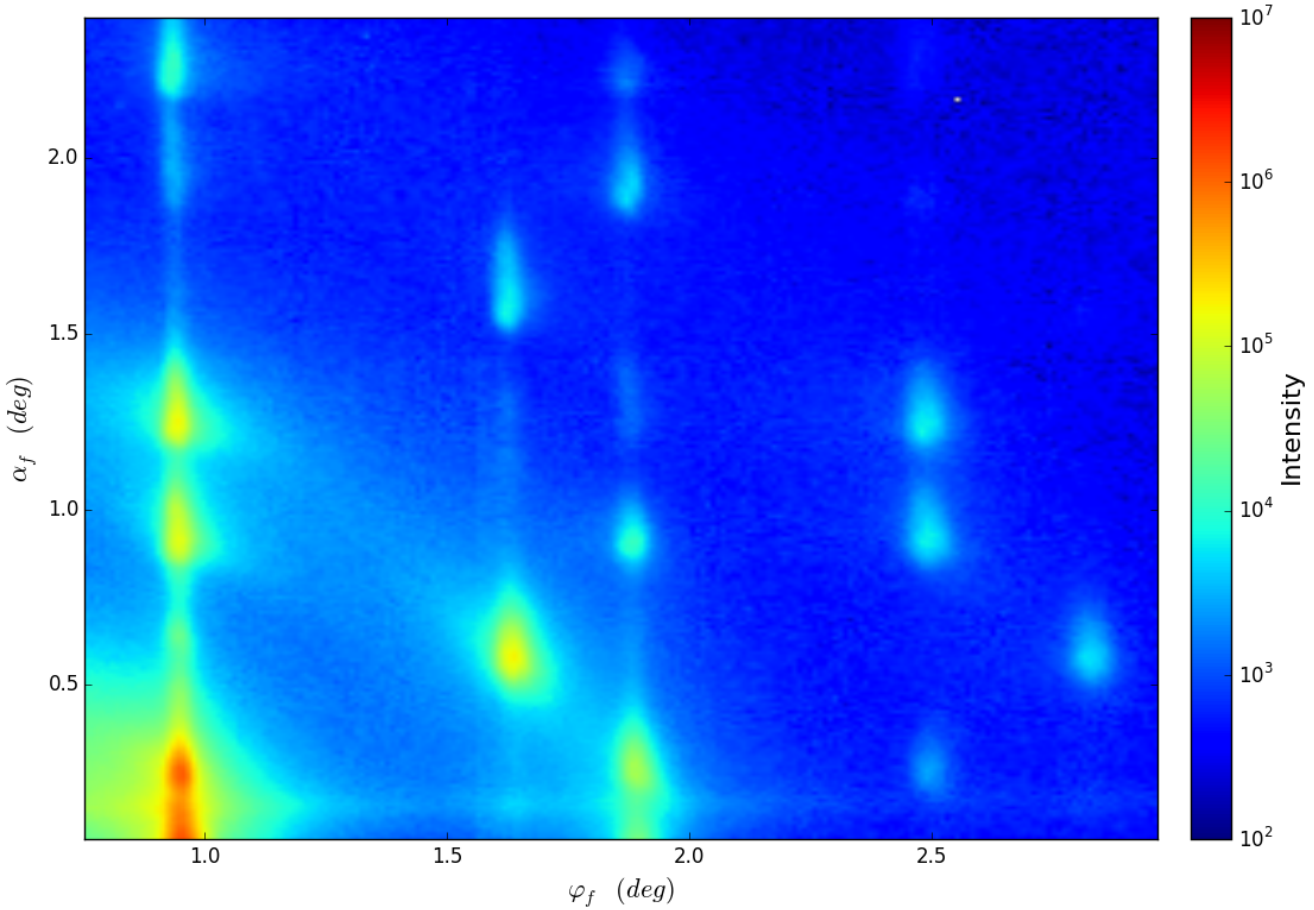
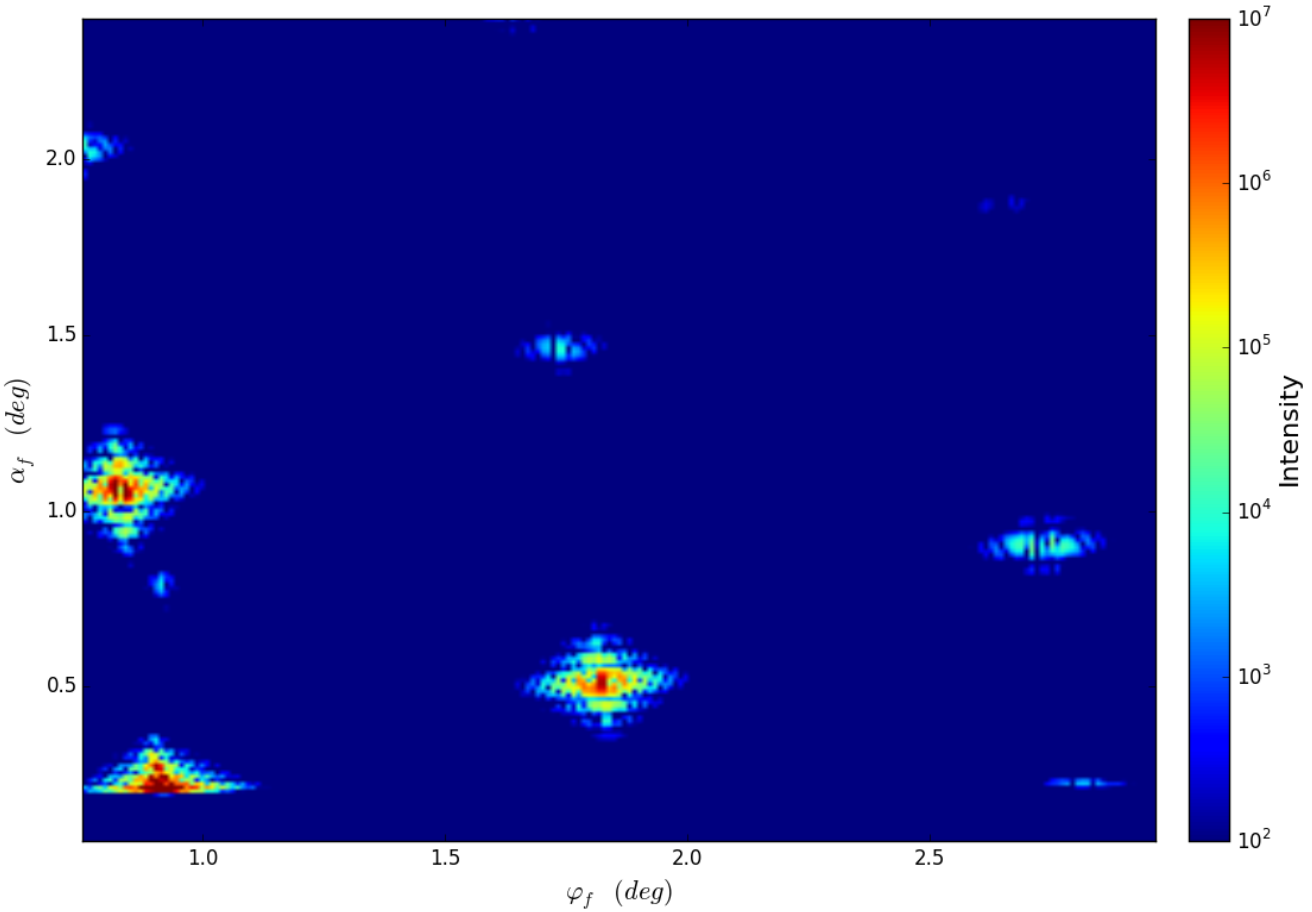

2.0
1.5
1.0
0.5
α_f (deg)
1.0
1.5
2.0
2.5
φ_f (deg)
10^7
10^6
10^5
10^4
10^3
10^2
Intensity

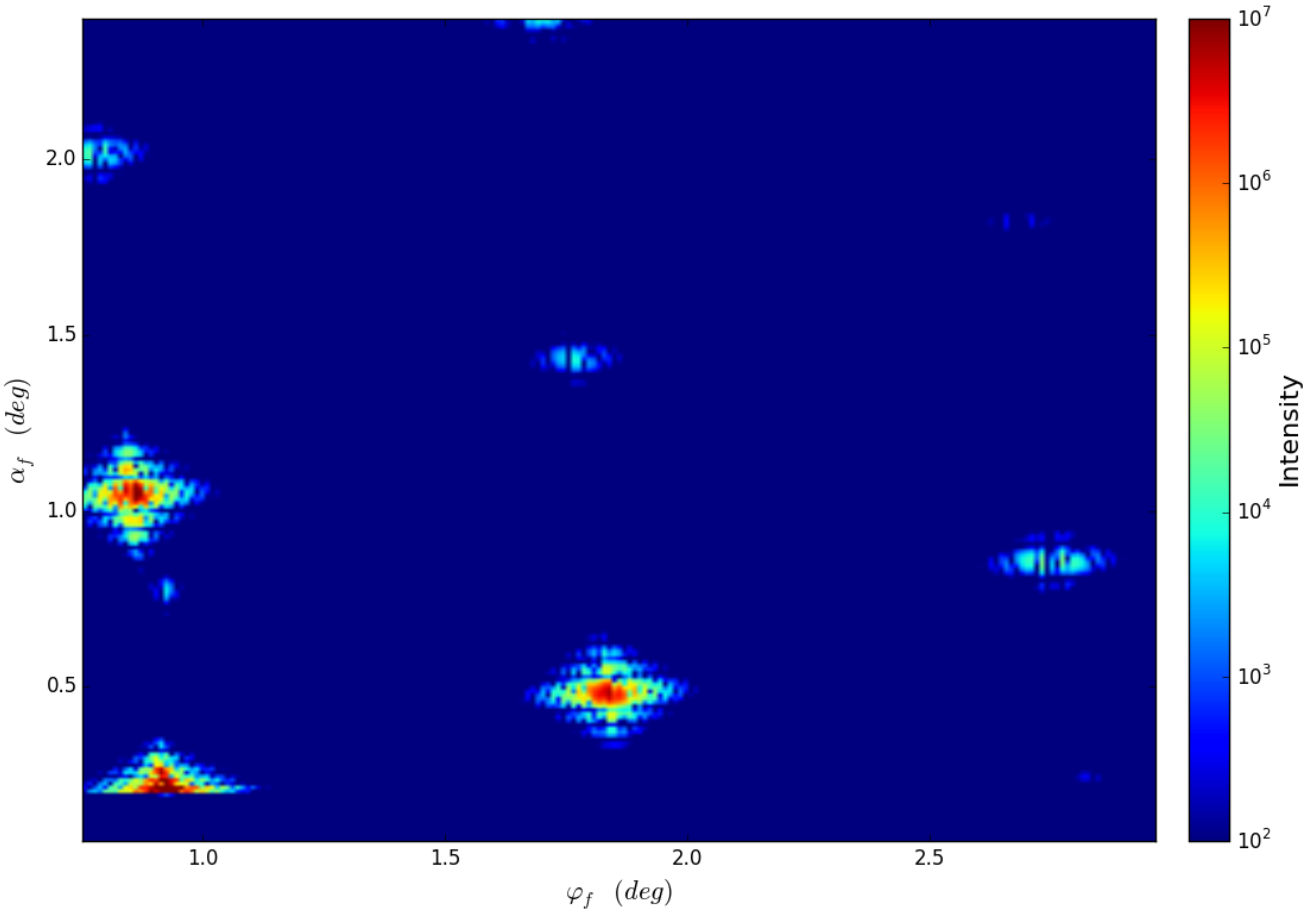
Single meso, tilt scan, phi=0

SimulationBuilder	
m_beam_intensity	6.1e+12
m_beam_wavelength	0.1770
m_inclination_angle	0.4
m_time_spend	1.73
SampleBuilderVer1	
m_average_layer_thickness	500.0
m_meso_elevation	100.0
m_roughness	6.0
m_surface_filling_ratio	0.25
SingleMesoFactory	
MesoCrystalBuilder	
MesoParameters	
m_lattice_length_a	12.45
m_lattice_length_c	31.0
m_meso_height	200.0
m_meso_radius	800.0
m_nanoparticle_radius	5.0
m_nparticles	10
m_rotation_x	-5
m_sigma_lattice_length_a	0.5
m_sigma_meso_height	20.0
m_sigma_meso_radius	20.0
m_sigma_nanoparticle_radius	0.3



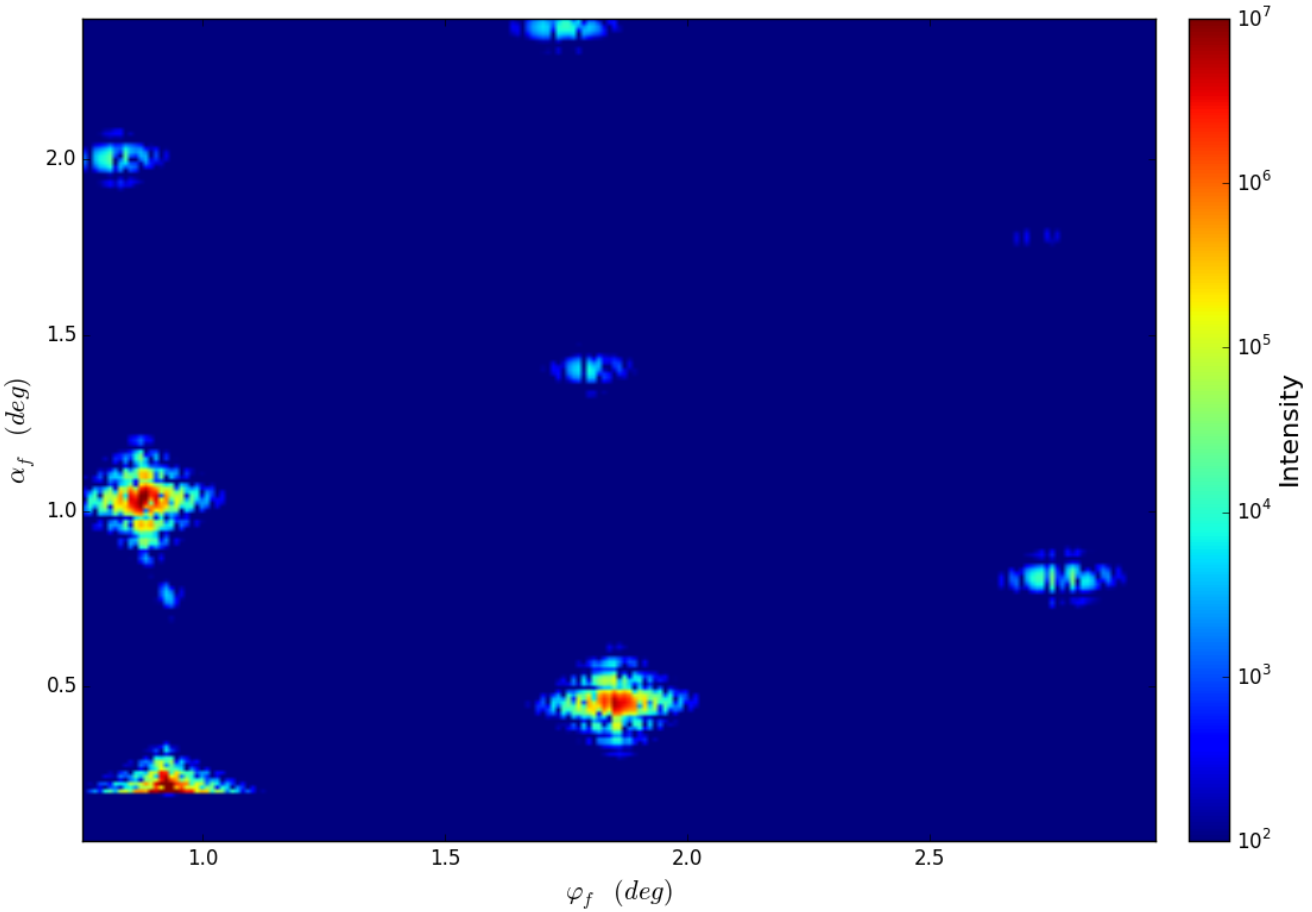
Single meso, tilt scan, phi=0

SimulationBuilder	
m_beam_intensity	6.1e+12
m_beam_wavelength	0.1770
m_inclination_angle	0.4
m_time_spend	1.85
SampleBuilderVer1	
m_average_layer_thickness	500.0
m_meso_elevation	100.0
m_roughness	6.0
m_surface_filling_ratio	0.25
SingleMesoFactory	
MesoCrystalBuilder	
MesoParameters	
m_lattice_length_a	12.45
m_lattice_length_c	31.0
m_meso_height	200.0
m_meso_radius	800.0
m_nanoparticle_radius	5.0
m_nparticles	10
m_rotation_x	-4
m_sigma_lattice_length_a	0.5
m_sigma_meso_height	20.0
m_sigma_meso_radius	20.0
m_sigma_nanoparticle_radius	0.3



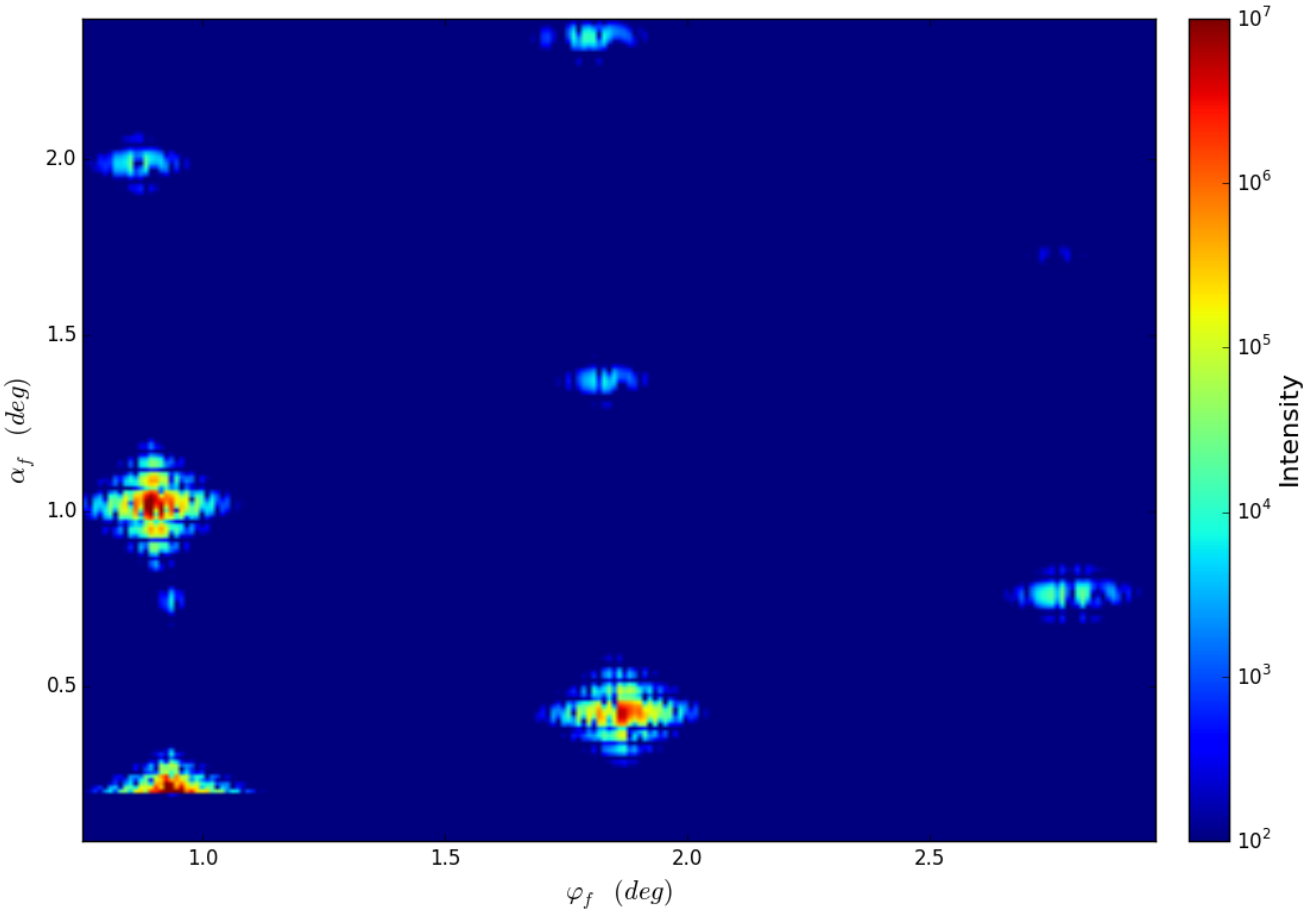
Single meso, tilt scan, phi=0

SimulationBuilder	
m_beam_intensity	6.1e+12
m_beam_wavelength	0.1770
m_inclination_angle	0.4
m_time_spend	1.75
SampleBuilderVer1	
m_average_layer_thickness	500.0
m_meso_elevation	100.0
m_roughness	6.0
m_surface_filling_ratio	0.25
SingleMesoFactory	
MesoCrystalBuilder	
MesoParameters	
m_lattice_length_a	12.45
m_lattice_length_c	31.0
m_meso_height	200.0
m_meso_radius	800.0
m_nanoparticle_radius	5.0
m_nparticles	10
m_rotation_x	-3
m_sigma_lattice_length_a	0.5
m_sigma_meso_height	20.0
m_sigma_meso_radius	20.0
m_sigma_nanoparticle_radius	0.3



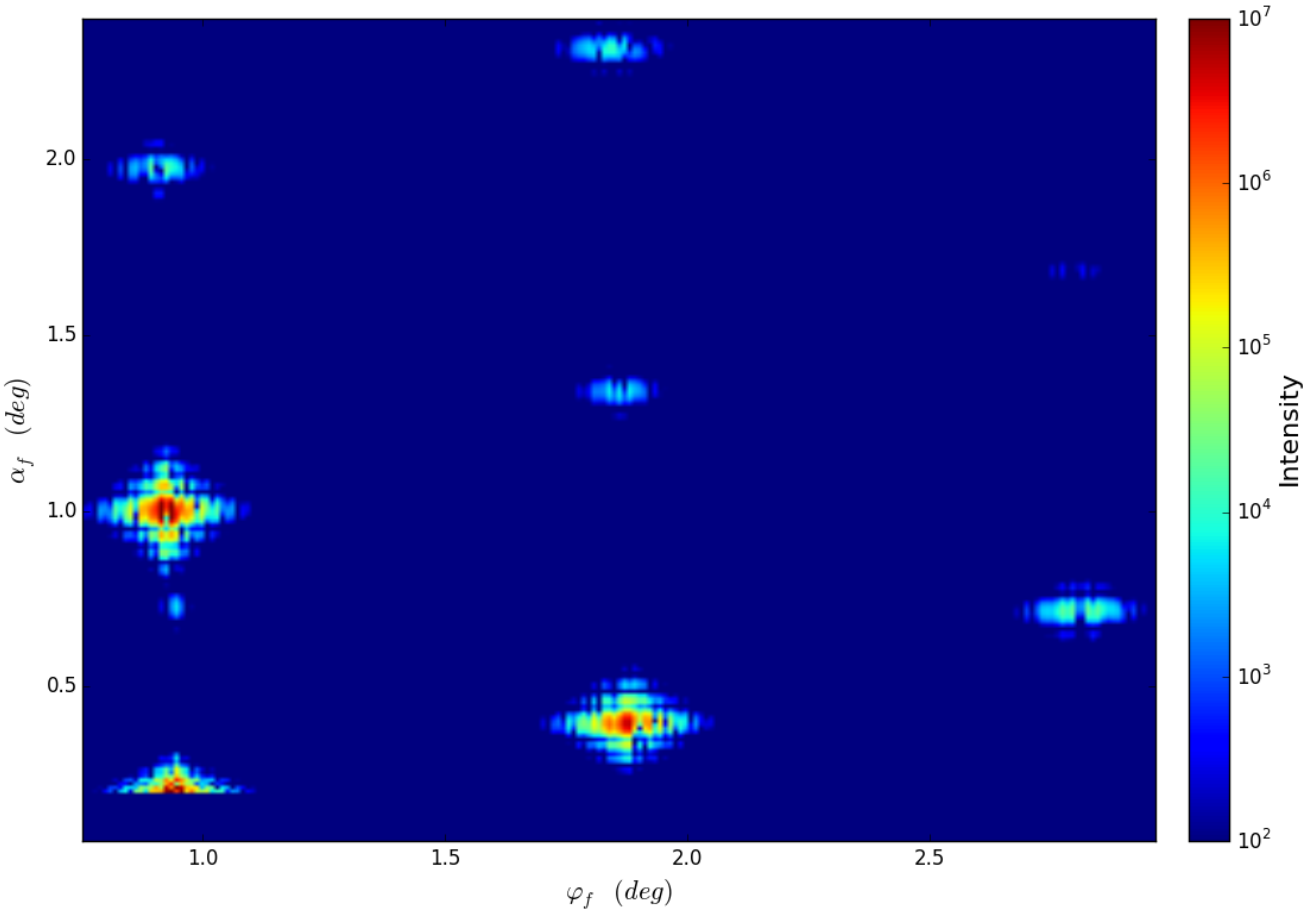
Single meso, tilt scan, phi=0

SimulationBuilder	
m_beam_intensity	6.1e+12
m_beam_wavelength	0.1770
m_inclination_angle	0.4
m_time_spend	1.73
SampleBuilderVer1	
m_average_layer_thickness	500.0
m_meso_elevation	100.0
m_roughness	6.0
m_surface_filling_ratio	0.25
SingleMesoFactory	
MesoCrystalBuilder	
MesoParameters	
m_lattice_length_a	12.45
m_lattice_length_c	31.0
m_meso_height	200.0
m_meso_radius	800.0
m_nanoparticle_radius	5.0
m_nparticles	10
m_rotation_x	-2
m_sigma_lattice_length_a	0.5
m_sigma_meso_height	20.0
m_sigma_meso_radius	20.0
m_sigma_nanoparticle_radius	0.3



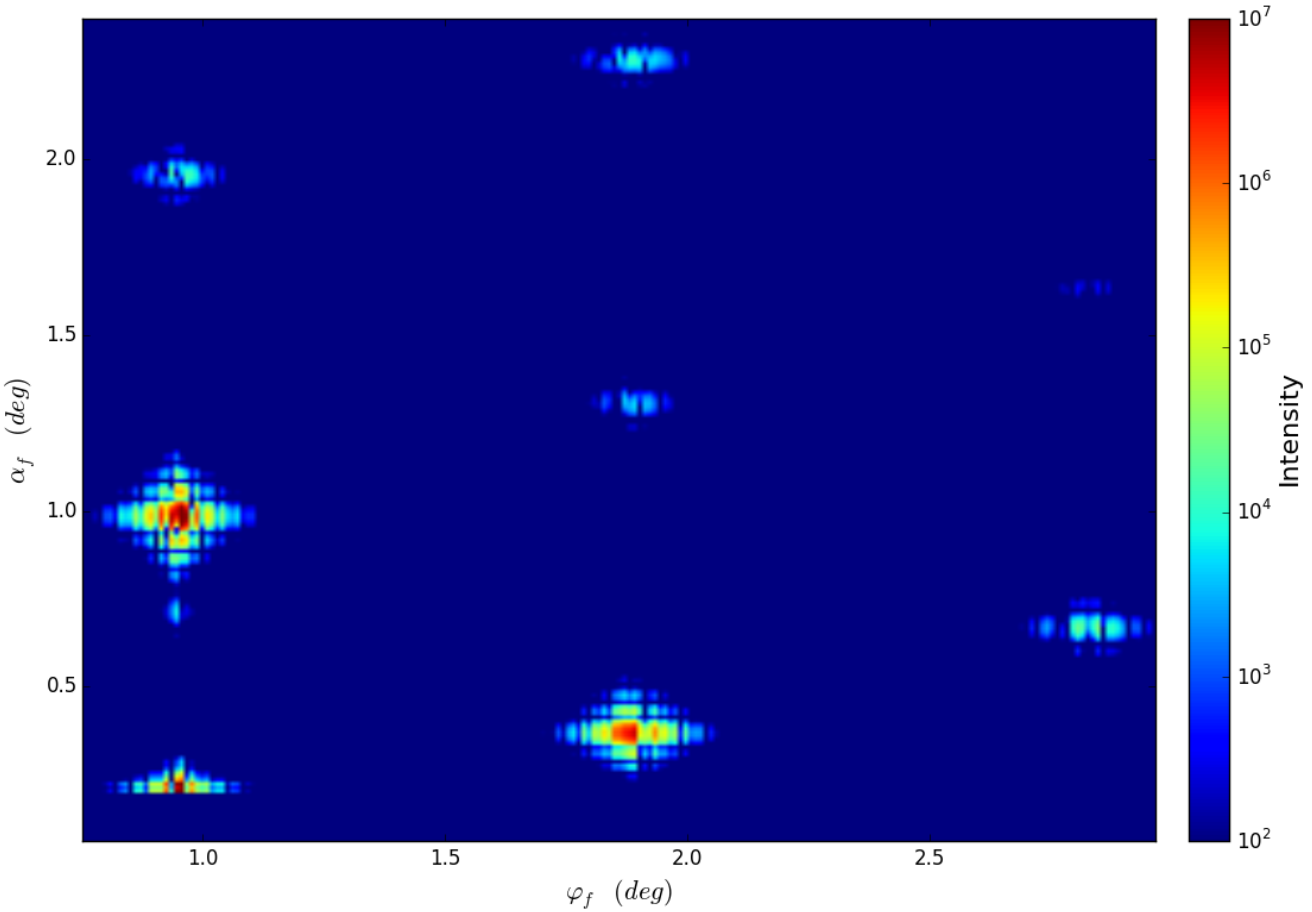
Single meso, tilt scan, phi=0

SimulationBuilder	
m_beam_intensity	6.1e+12
m_beam_wavelength	0.1770
m_inclination_angle	0.4
m_time_spend	1.75
SampleBuilderVer1	
m_average_layer_thickness	500.0
m_meso_elevation	100.0
m_roughness	6.0
m_surface_filling_ratio	0.25
SingleMesoFactory	
MesoCrystalBuilder	
MesoParameters	
m_lattice_length_a	12.45
m_lattice_length_c	31.0
m_meso_height	200.0
m_meso_radius	800.0
m_nanoparticle_radius	5.0
m_nparticles	10
m_rotation_x	-1
m_sigma_lattice_length_a	0.5
m_sigma_meso_height	20.0
m_sigma_meso_radius	20.0
m_sigma_nanoparticle_radius	0.3



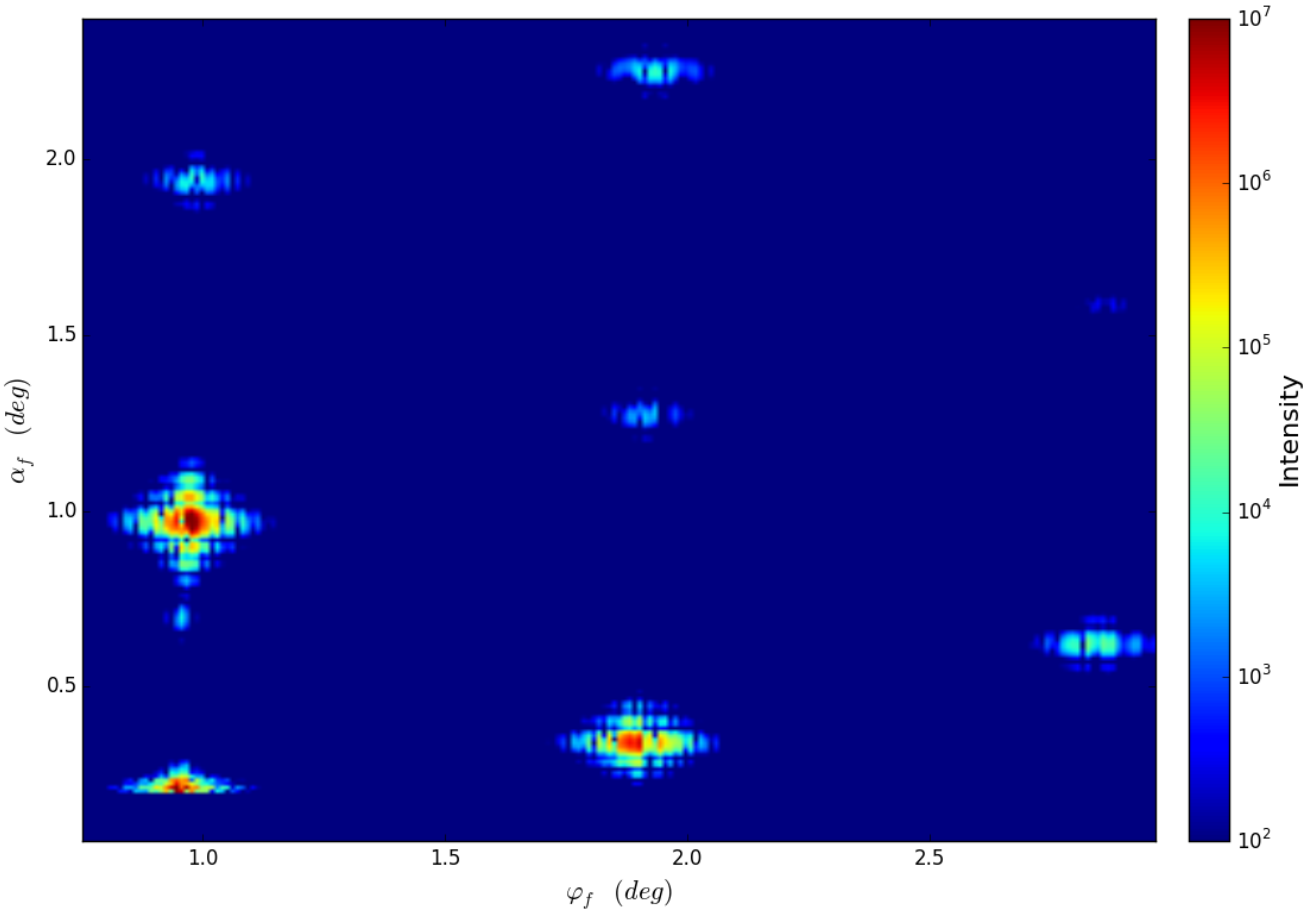
Single meso, tilt scan, phi=0

SimulationBuilder	
m_beam_intensity	6.1e+12
m_beam_wavelength	0.1770
m_inclination_angle	0.4
m_time_spend	1.73
SampleBuilderVer1	
m_average_layer_thickness	500.0
m_meso_elevation	100.0
m_roughness	6.0
m_surface_filling_ratio	0.25
SingleMesoFactory	
MesoCrystalBuilder	
MesoParameters	
m_lattice_length_a	12.45
m_lattice_length_c	31.0
m_meso_height	200.0
m_meso_radius	800.0
m_nanoparticle_radius	5.0
m_nparticles	10
m_rotation_x	0
m_sigma_lattice_length_a	0.5
m_sigma_meso_height	20.0
m_sigma_meso_radius	20.0
m_sigma_nanoparticle_radius	0.3



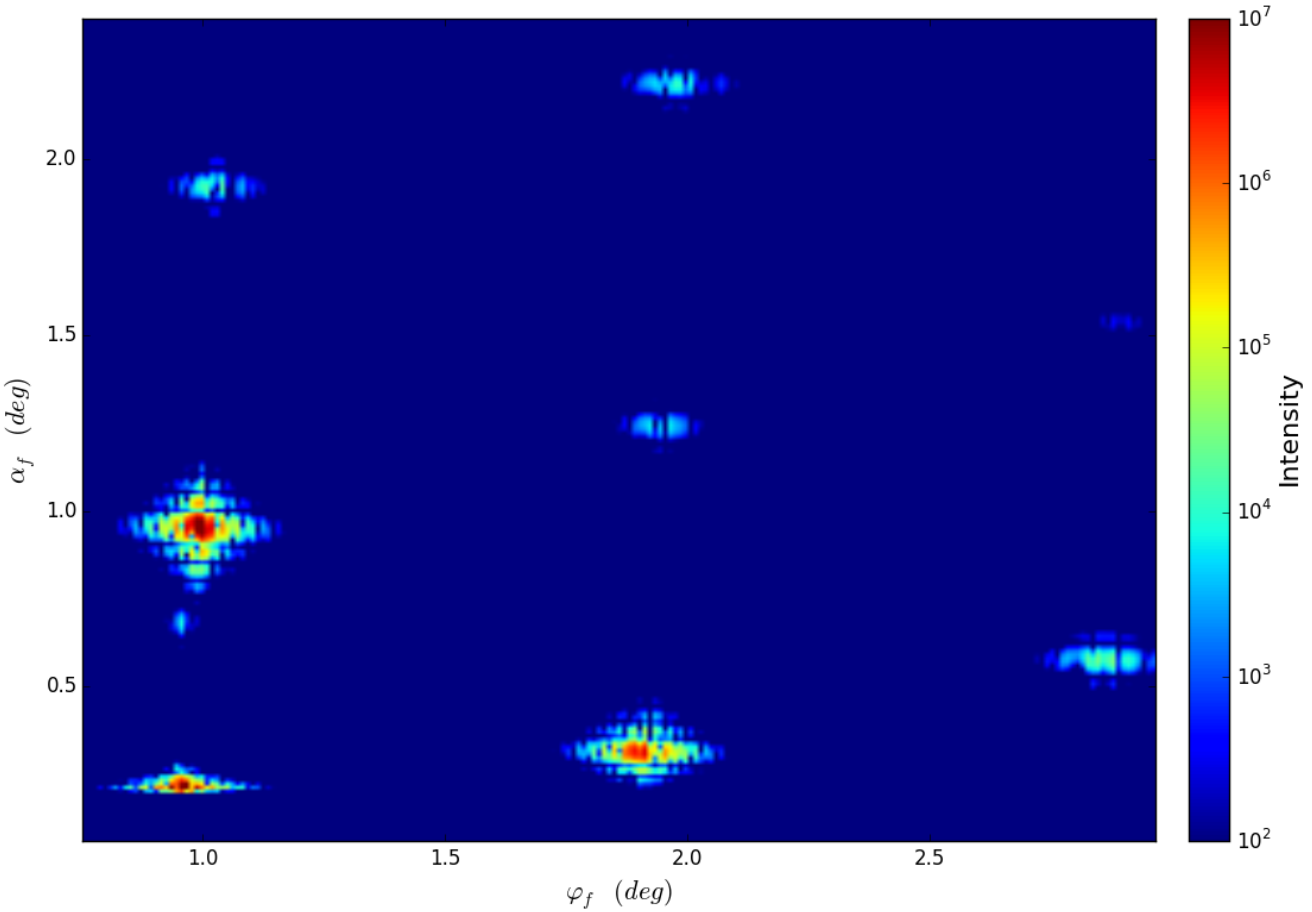
Single meso, tilt scan, phi=0

SimulationBuilder	
m_beam_intensity	6.1e+12
m_beam_wavelength	0.1770
m_inclination_angle	0.4
m_time_spend	1.77
SampleBuilderVer1	
m_average_layer_thickness	500.0
m_meso_elevation	100.0
m_roughness	6.0
m_surface_filling_ratio	0.25
SingleMesoFactory	
MesoCrystalBuilder	
MesoParameters	
m_lattice_length_a	12.45
m_lattice_length_c	31.0
m_meso_height	200.0
m_meso_radius	800.0
m_nanoparticle_radius	5.0
m_nparticles	10
m_rotation_x	1
m_sigma_lattice_length_a	0.5
m_sigma_meso_height	20.0
m_sigma_meso_radius	20.0
m_sigma_nanoparticle_radius	0.3



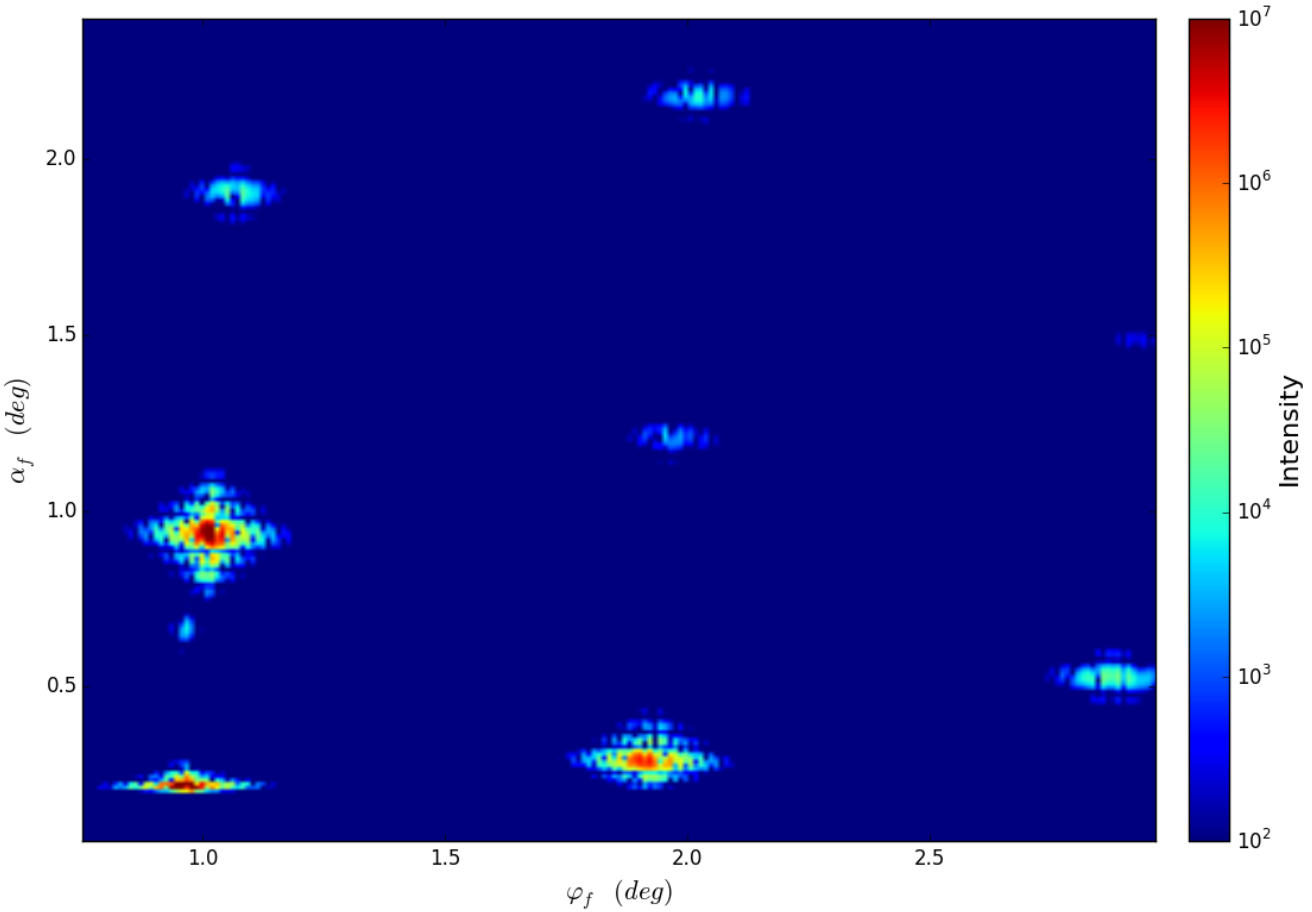
Single meso, tilt scan, phi=0

SimulationBuilder	
m_beam_intensity	6.1e+12
m_beam_wavelength	0.1770
m_inclination_angle	0.4
m_time_spend	1.74
SampleBuilderVer1	
m_average_layer_thickness	500.0
m_meso_elevation	100.0
m_roughness	6.0
m_surface_filling_ratio	0.25
SingleMesoFactory	
MesoCrystalBuilder	
MesoParameters	
m_lattice_length_a	12.45
m_lattice_length_c	31.0
m_meso_height	200.0
m_meso_radius	800.0
m_nanoparticle_radius	5.0
m_nparticles	10
m_rotation_x	2
m_sigma_lattice_length_a	0.5
m_sigma_meso_height	20.0
m_sigma_meso_radius	20.0
m_sigma_nanoparticle_radius	0.3



Single meso, tilt scan, phi=0

SimulationBuilder	
m_beam_intensity	6.1e+12
m_beam_wavelength	0.1770
m_inclination_angle	0.4
m_time_spend	1.76
SampleBuilderVer1	
m_average_layer_thickness	500.0
m_meso_elevation	100.0
m_roughness	6.0
m_surface_filling_ratio	0.25
SingleMesoFactory	
MesoCrystalBuilder	
MesoParameters	
m_lattice_length_a	12.45
m_lattice_length_c	31.0
m_meso_height	200.0
m_meso_radius	800.0
m_nanoparticle_radius	5.0
m_nparticles	10
m_rotation_x	3
m_sigma_lattice_length_a	0.5
m_sigma_meso_height	20.0
m_sigma_meso_radius	20.0
m_sigma_nanoparticle_radius	0.3



Single meso, tilt scan, phi=0

SimulationBuilder	
m_beam_intensity	6.1e+12
m_beam_wavelength	0.1770
m_inclination_angle	0.4
m_time_spend	1.71
SampleBuilderVer1	
m_average_layer_thickness	500.0
m_meso_elevation	100.0
m_roughness	6.0
m_surface_filling_ratio	0.25
SingleMesoFactory	
MesoCrystalBuilder	
MesoParameters	
m_lattice_length_a	12.45
m_lattice_length_c	31.0
m_meso_height	200.0
m_meso_radius	800.0
m_nanoparticle_radius	5.0
m_nparticles	10
m_rotation_x	4
m_sigma_lattice_length_a	0.5
m_sigma_meso_height	20.0
m_sigma_meso_radius	20.0
m_sigma_nanoparticle_radius	0.3