



## Experiment

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SimulationBuilder
m_beam_intensity      6.1e+12
m_beam_wavelength     0.1770
m_inclination_angle   0.4
m_time_spend          804.24

SampleBuilderVer1
m_average_layer_thickness 200.0
m_roughness               6.0
m_surface_filling_ratio   0.25

RotatedFactory
m_phi_rotation_steps     360
m_phi_start              0.0
m_phi_stop               360.0
m_tilt_start             0.0
m_tilt_steps             1
m_tilt_stop              1.0

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            0.0
m_rotation_z            359.0
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

```

