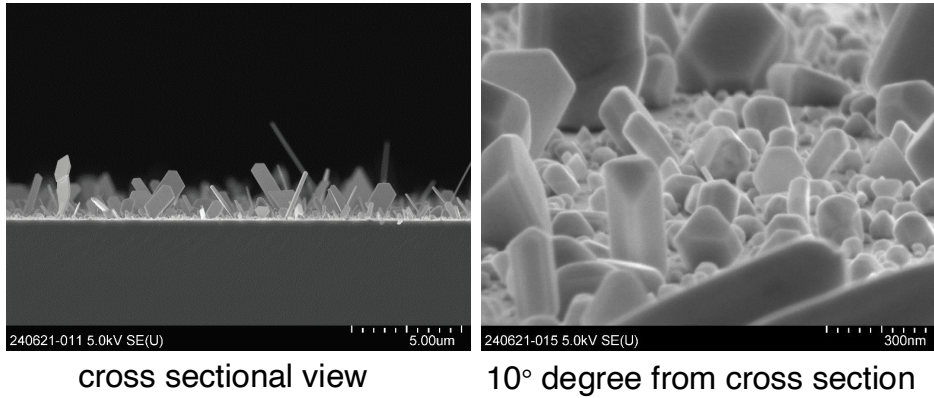


Typical morphology of HT-GLAD Ag (500 °C, 57 nm)



- Growth of particles, whiskers, platelets
 - particles: ~100 nm in diameter
 - small number of **whiskers**:
a few 10- a few 100 nm in diameter, a few µm in length
 - large number of **platelets**:
a few µm in diagonal length, a few 10 nm in thickness
 - the surface of the platelet is (111) and the side is (110)
 - wide surfaces face the incident direction of the Ag vapor

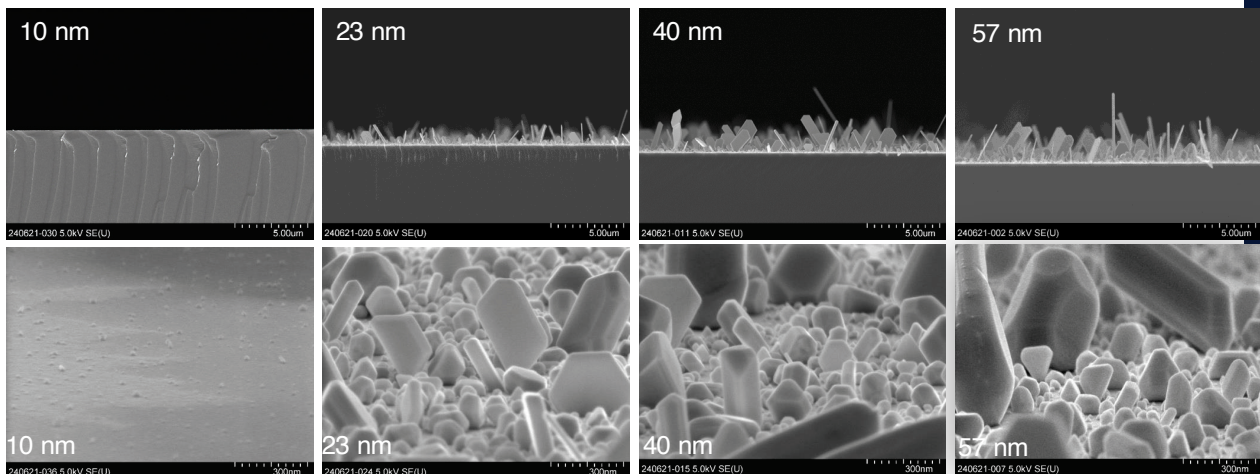
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Morphology of HT-GLAD Ag (500 °C)



- Deposition amount $d_{Ag} \geq 23$ nm: growth of whiskers & platelets
 - Particles smaller than 100 nm in diameter exist independent of d_{Ag}
 - Sizes of whiskers & platelets increase with increasing d_{Ag}
- Critical d_{Ag} @ 500 °C: between 10 nm and 20 nm

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