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Supporting Information

Applying the chemical bonding theory of single crystal growth to $Gd_3Ga_5O_{12}$ Czochralski growth system: both thermodynamic and kinetic controls of the mesoscale process during single crystal growth

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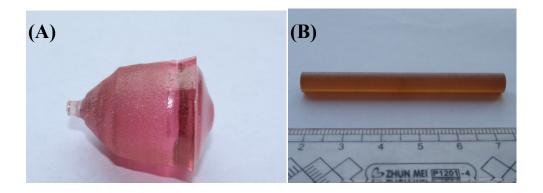


Figure S1 Photos of Er:GGG crystal (A) and Er,Pr:GGG crystal rod (B).