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Role of martensite decomposition in tensile properties of selective laser melted Ti-6Al-4V

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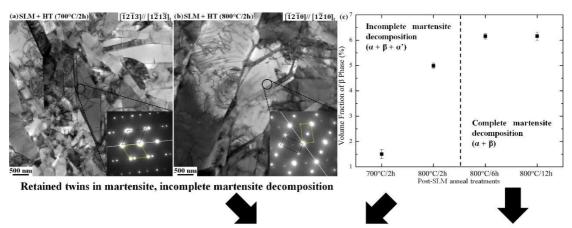
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#### ACCEPTED MANUSCRIPT

### **Graphical Abstract**



Inadequate ductility in 2h annealed samples due to incomplete martensite decomposition

Strong and ductile SLMed Ti-6Al-4V once a fully equilibrium  $\alpha+\beta$  lamellae reached

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