

Synthesis, Crystal Structure and Thermoelectric Property of a New Metal Telluride $\text{Ba}_3\text{Ag}_3\text{InTe}_6$

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Figure S1. (a) The SEM image and (b) energy dispersive spectrum of $\text{Ba}_3\text{Ag}_3\text{InTe}_6$.

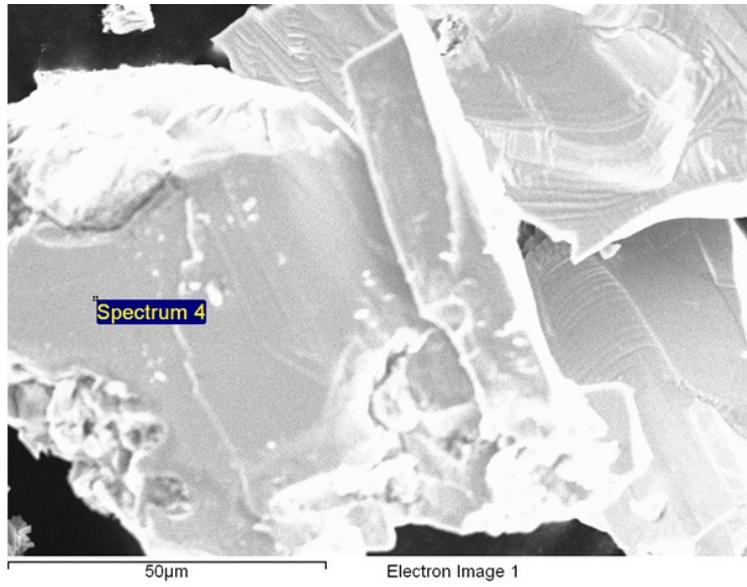
Figure S2. (a) The measured (blue) and simulated (red) PXRD patterns of $\text{Ba}_3\text{Ag}_3\text{InTe}_6$. (b) The comparative PXRD patterns between the measured and the annealing samples of $\text{Ba}_3\text{Ag}_3\text{InTe}_6$.

Figure S3 The DTA curves of $\text{Ba}_3\text{Ag}_3\text{InTe}_6$. Red and blue lines denote the first and second runs of measurements, respectively.

Figure S4 The mid-infrared absorption spectrum of $\text{Ba}_3\text{Ag}_3\text{InTe}_6$.

Figure S1. (a) The SEM image and (b) energy dispersive spectrum of $\text{Ba}_3\text{Ag}_3\text{InTe}_6$.

(a)



(b)

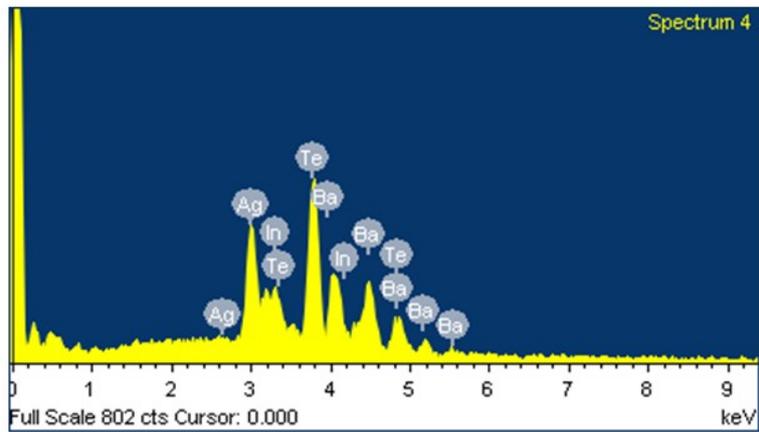
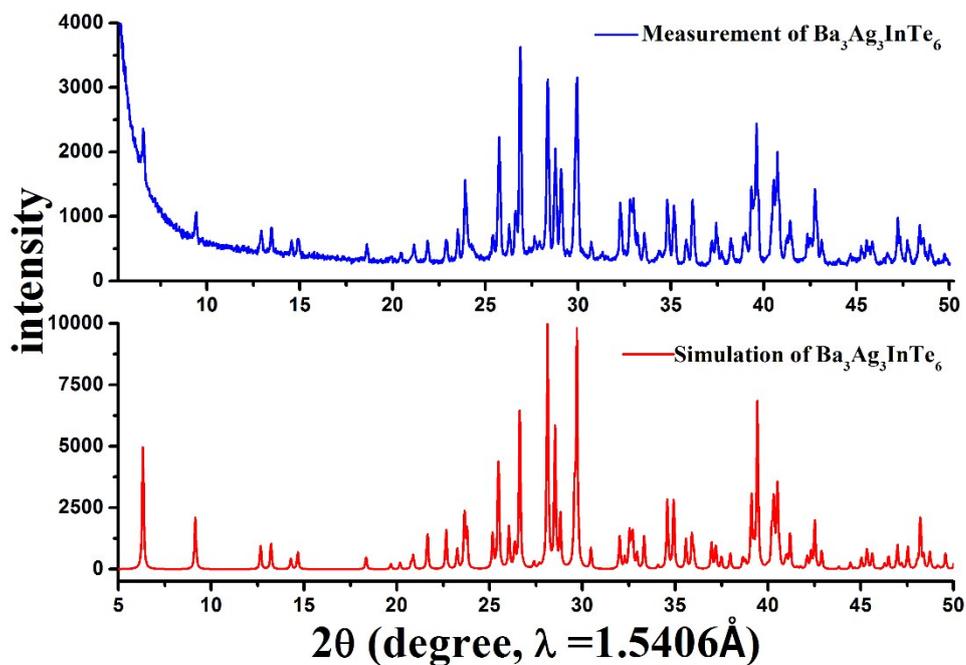


Figure S2. (a) The measured (blue) and simulated (red) PXRD patterns of $\text{Ba}_3\text{Ag}_3\text{InTe}_6$. (b) The comparative PXRD patterns between the synthesized and the annealing samples of $\text{Ba}_3\text{Ag}_3\text{InTe}_6$.

(a)



(b)

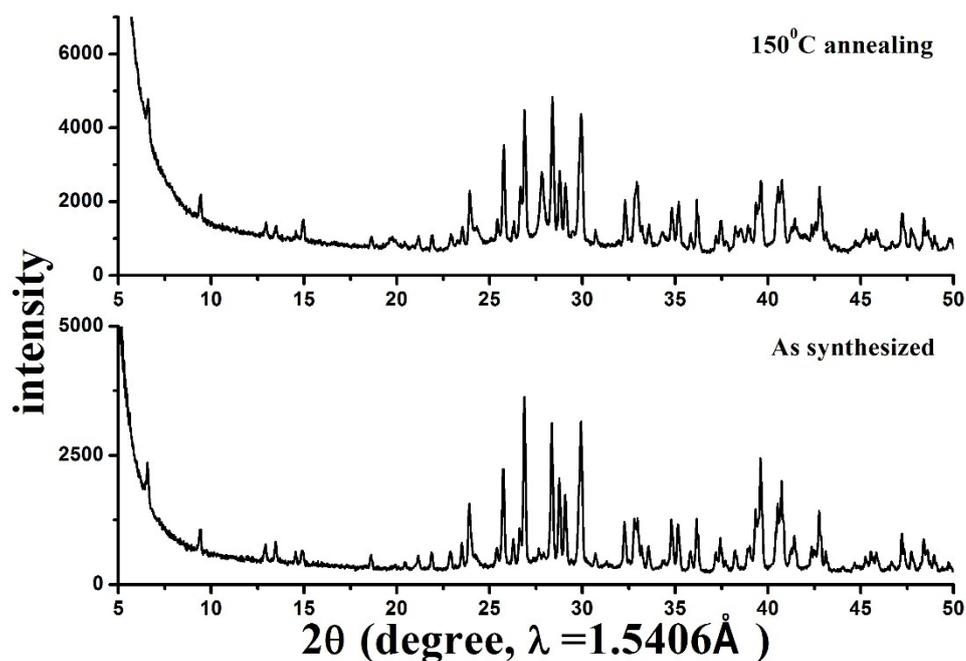


Figure S3 The DTA curves of $\text{Ba}_3\text{Ag}_3\text{InTe}_6$. Red and blue lines denote the first and second runs of measurements, respectively.

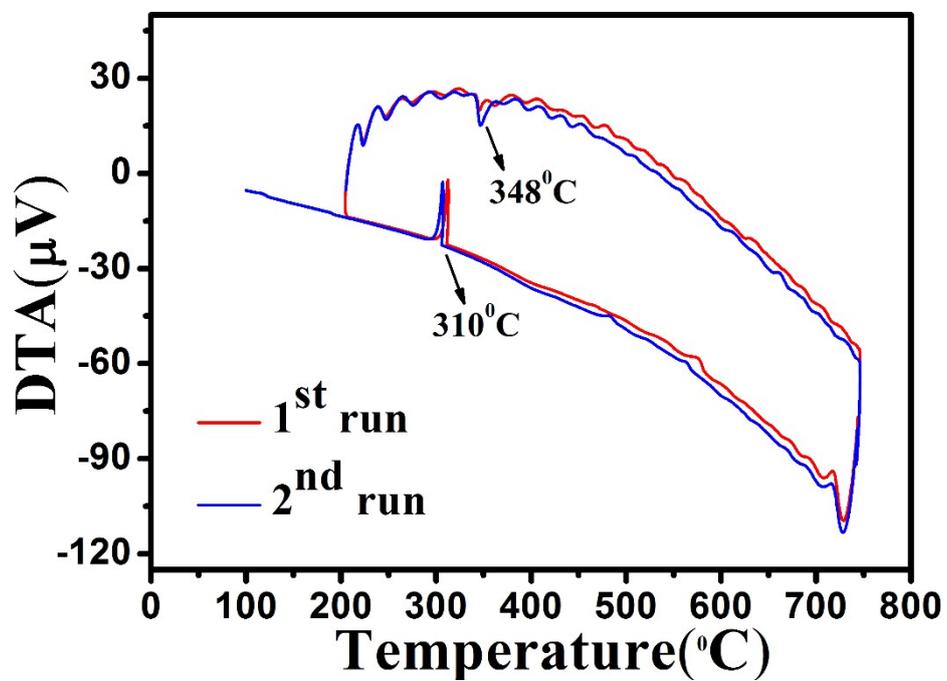


Figure S4 The mid-infrared absorption spectrum of $\text{Ba}_3\text{Ag}_3\text{InTe}_6$.

