

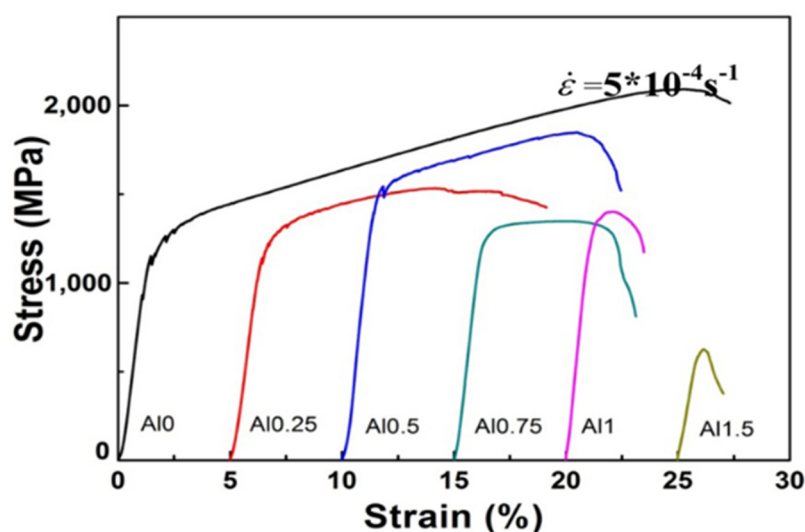
Preparation of Bulk TiZrNbMoV and NbTiAlTaV High-Entropy Alloys by Powder Sintering

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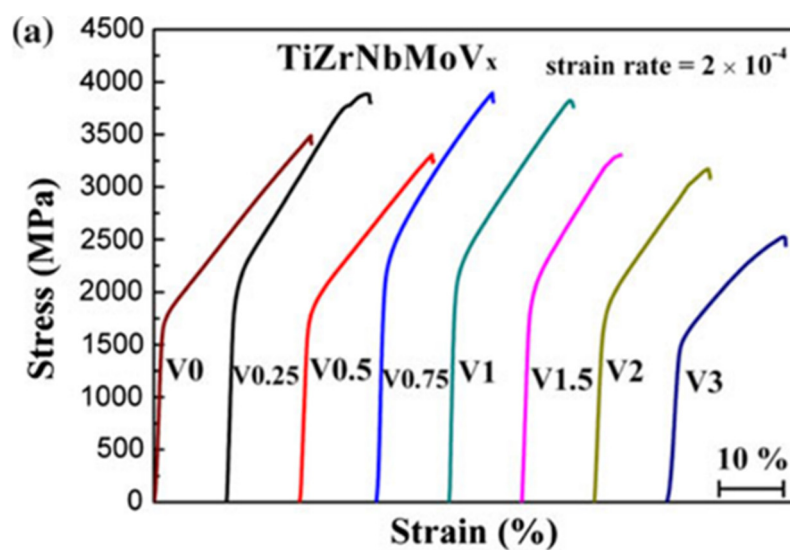
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Al_xNbTiMoV



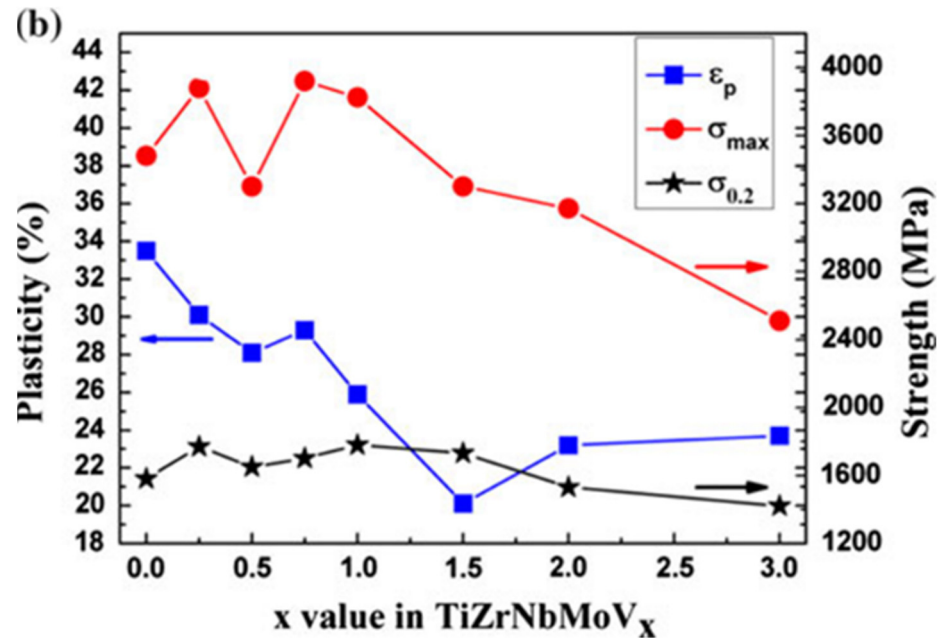


Figure S1. Stress - strain curve of $\text{Al}_x\text{TiNbMoV}$ and TiZrNbMoV_x alloys (a) and variation of alloy plasticity with V atom ratio (b). [30,31].

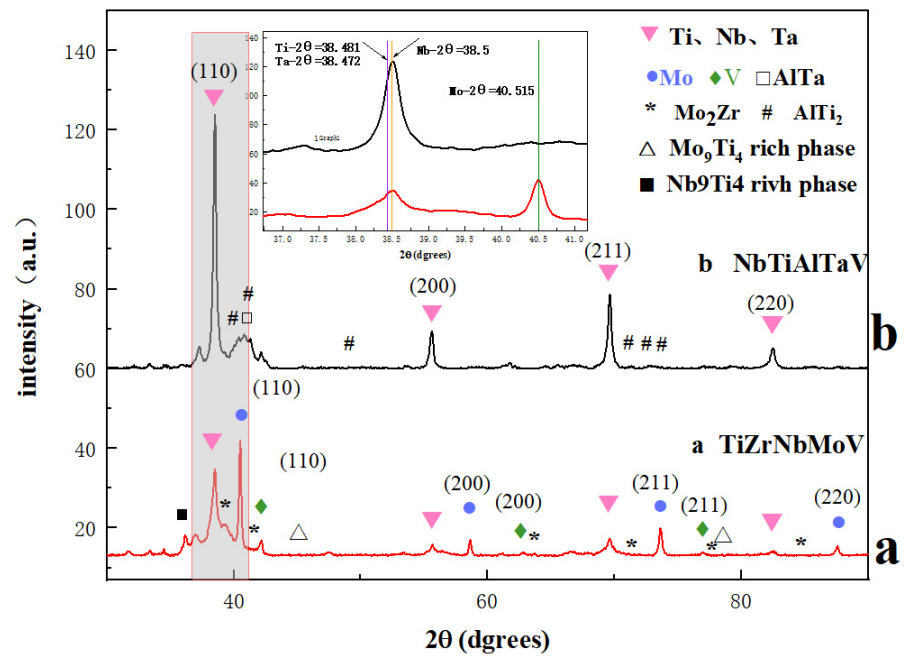


Figure S2. XRD patterns of elements labeled with diffraction peaks.

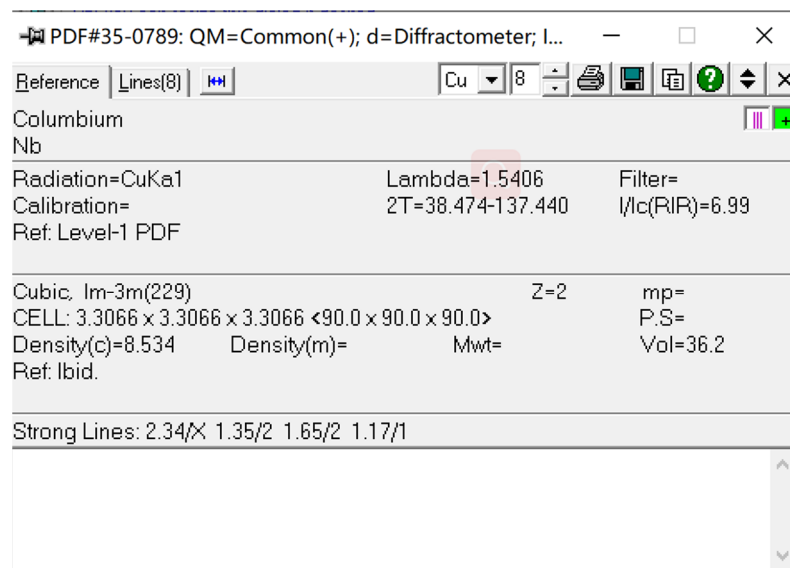


Figure S3. Details of X-ray diffraction spectra of Nb elements.

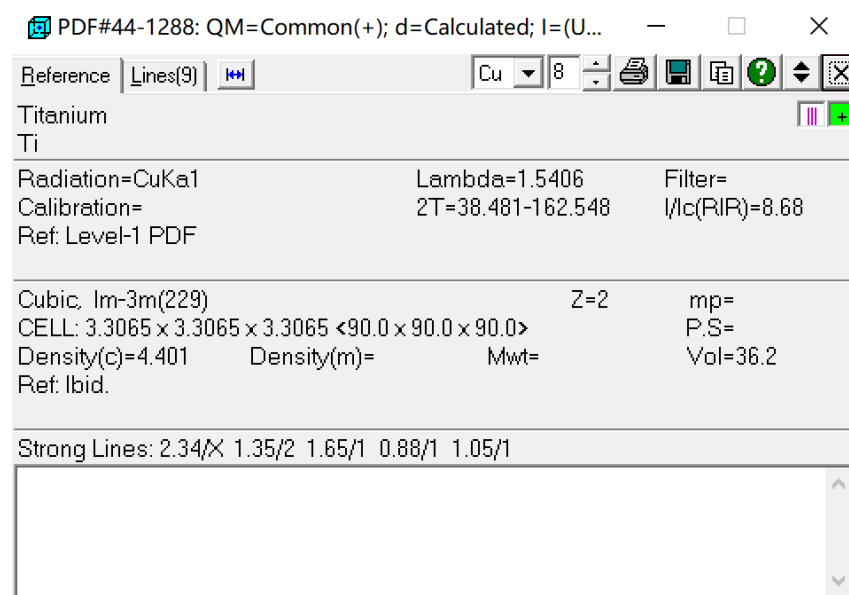


Figure S4. Details of X-ray diffraction spectra of Ti elements.

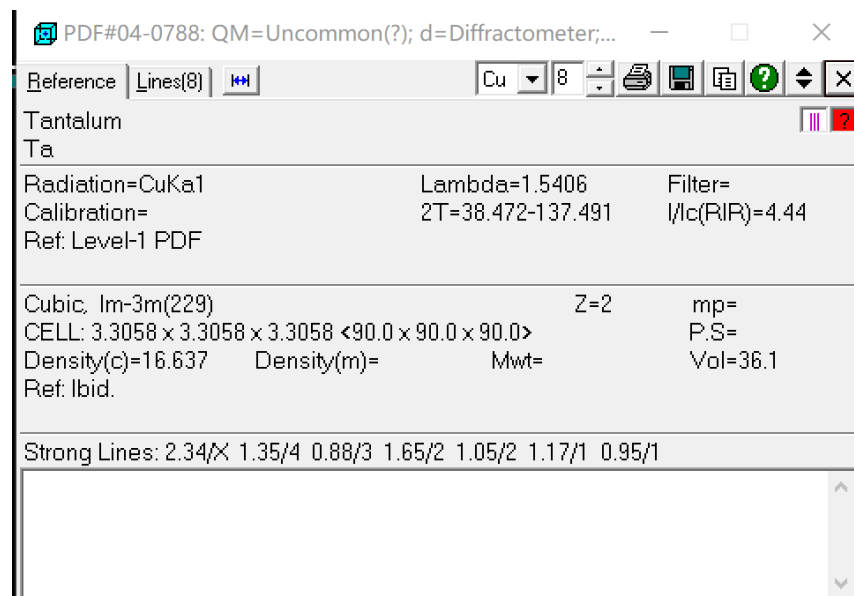


Figure S5. Details of X-ray diffraction spectra of Ta elements.

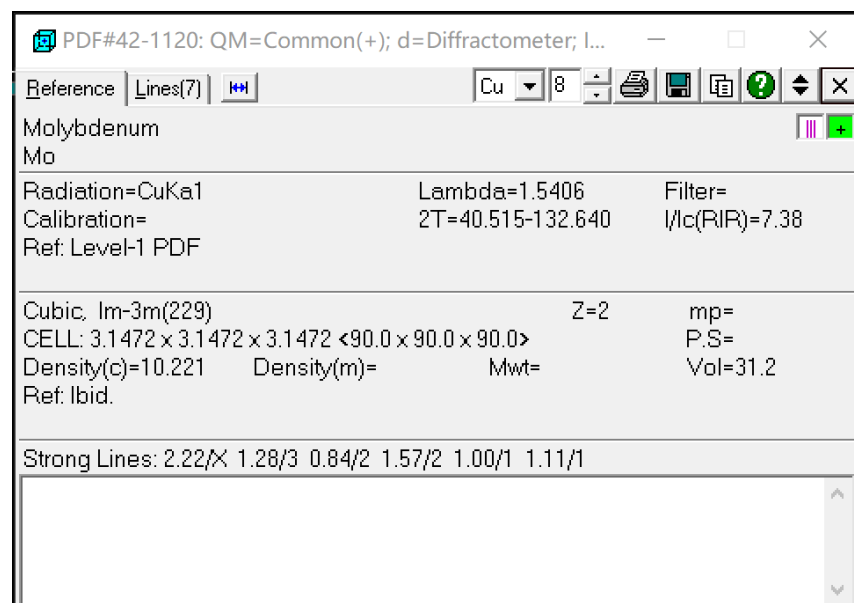


Figure S6. Details of X-ray diffraction spectra of Mo elements.

Reference

29. Chen, S.Y.; Yang, X.; Dahmen, K.A.; Liaw, P.K.; Zhang, Y. Microstructures and Crackling Noise of Al_xNbTiMoV High Entropy Alloys. *Entropy* **2014**, *16*, 870–884, doi:10.3390/e16020870.
30. Zhang, Y.; Yang, X.; Liaw, P.K. Alloy Design and Properties Optimization of High-Entropy Alloys. *JOM* **2012**, *64*, 830–838, doi:10.1007/s11837-012-0366-5.