



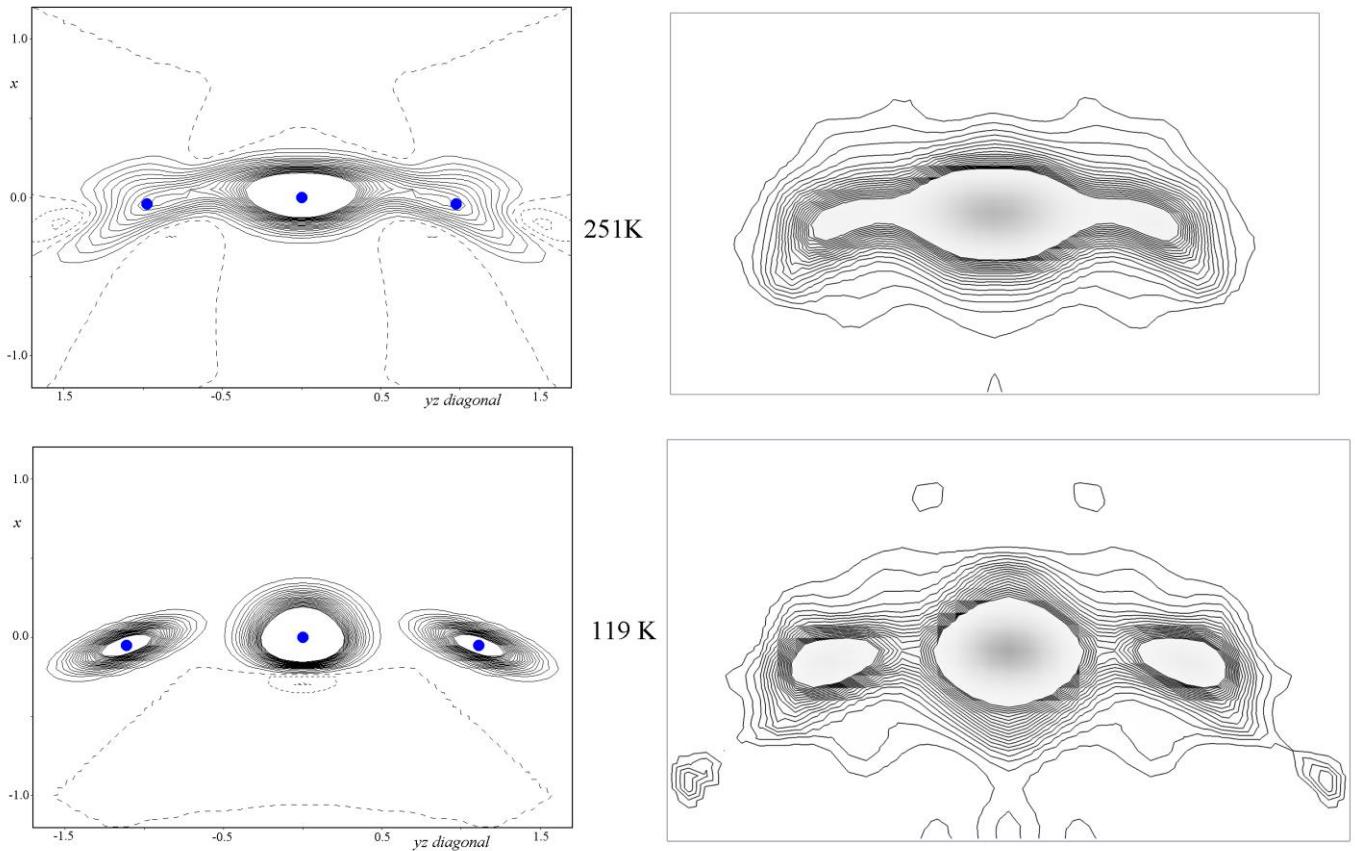
STRUCTURAL SCIENCE  
CRYSTAL ENGINEERING  
MATERIALS

Volume 75 (2019)

**Supporting information for article:**

**Tennantite: Multi-temperature crystal structure, phase transition, and electronic structure of synthetic Cu<sub>12</sub>As<sub>4</sub>S<sub>13</sub>**

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Supplementary materials to Fig. 6. JPDF (*left*) and MEM electron density (*right*) distribution near Cu2 and Cu21 at three temperatures. JPDF contours at  $0.25 \text{ \AA}^{-3}$ , cutoff –  $5 \text{ \AA}^{-3}$ ; MEM contours at  $1 \text{ e/\AA}^3$ , cutoff –  $20 \text{ e/\AA}^3$ . Maps for 251 K and 119 K.