ATO $R\bar{3}m$


1 4 6 3

**TILES**

Face symbol:  

- $[6^3]$
- $[6^3.12^2]$
- $[4^2.6^4]$

V, E, F:  

- $(8, 9, 3)$  
- $(18, 21, 5)$  
- $(12, 16, 6)$

Symmetry:  

- $3m$
- $6c$
- $9d$

Wyckoff:  

- $18g$
- $6c$
- $9d$

Label:  

- t-kah
- t-ato*
- t-lau

**TILING**

[Image of a complex 3D model depicting the tiling with different colored faces labeled with Wyckoff positions and symmetry groups.]