

# Molecular structure of titania – supported molybdena catalysts: *in situ* Raman and FTIR spectroscopy of distinct Mo<sup>VI</sup>O<sub>x</sub> configurations dispersed on titania

## SUPPLEMENTARY INFORMATION

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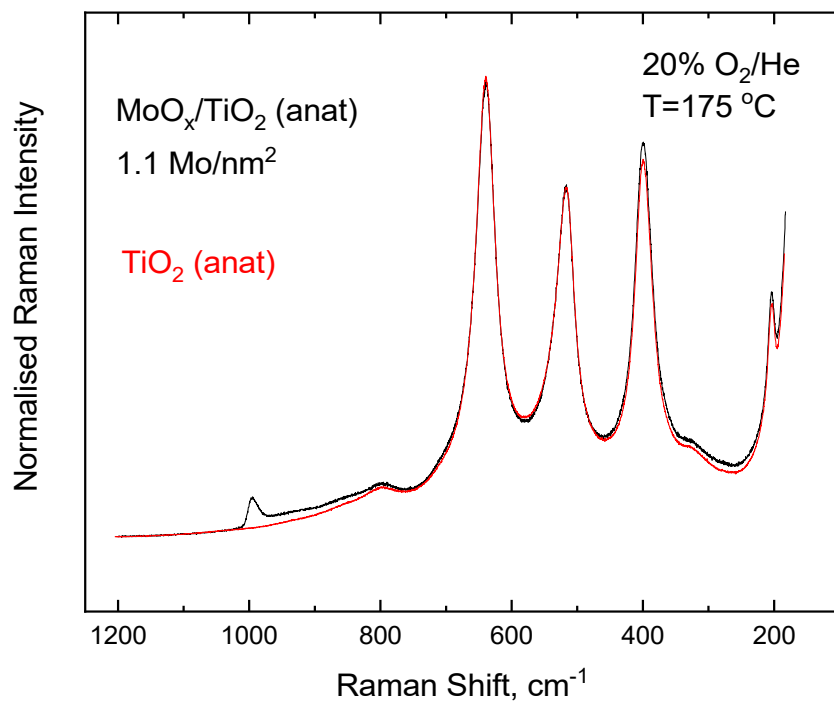
e-mail: [bogosian@chemeng.upatras.gr](mailto:bogosian@chemeng.upatras.gr)

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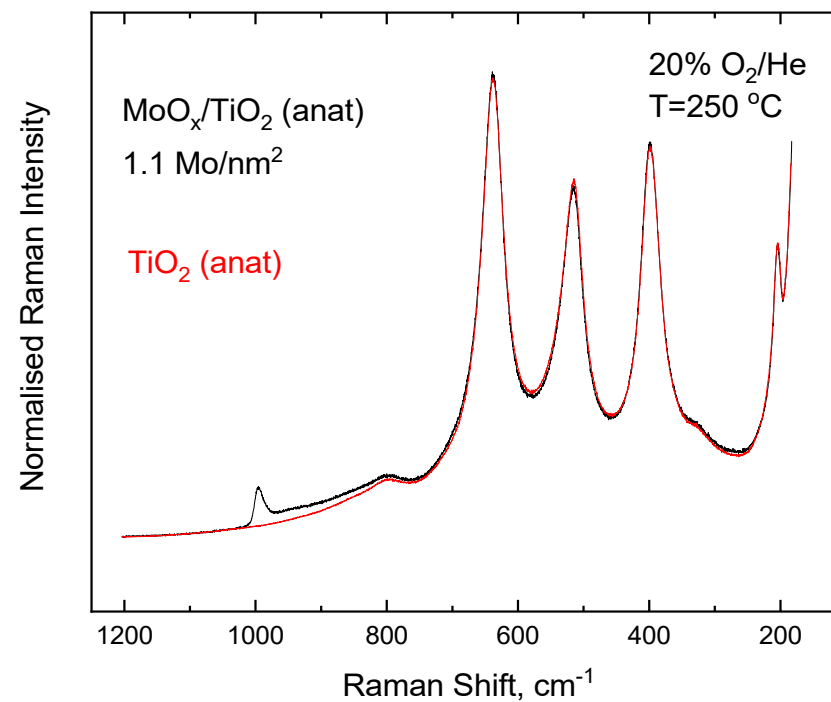
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- **Figure S2.** Effect of coverage for MoO<sub>x</sub>/TiO<sub>2</sub>(anatase) catalysts, in the 0.55 – 4.9 Mo/nm<sup>2</sup> range under flowing 20% O<sub>2</sub>/He at 250 °C. (A) *in situ* Raman spectra. Recording parameters: see the caption to Fig. 2(A). (B) *in situ* FTIR spectra.
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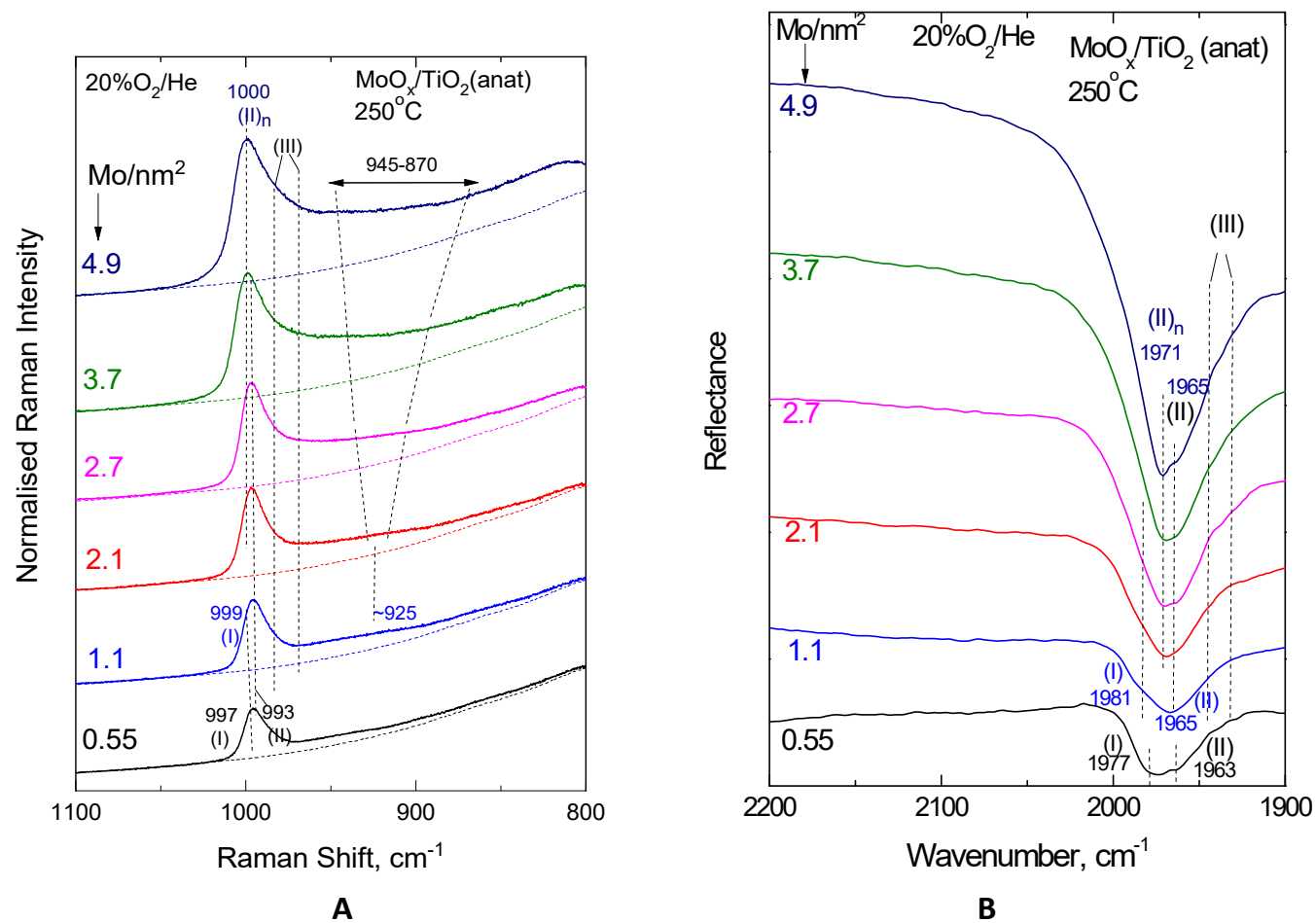


**A**

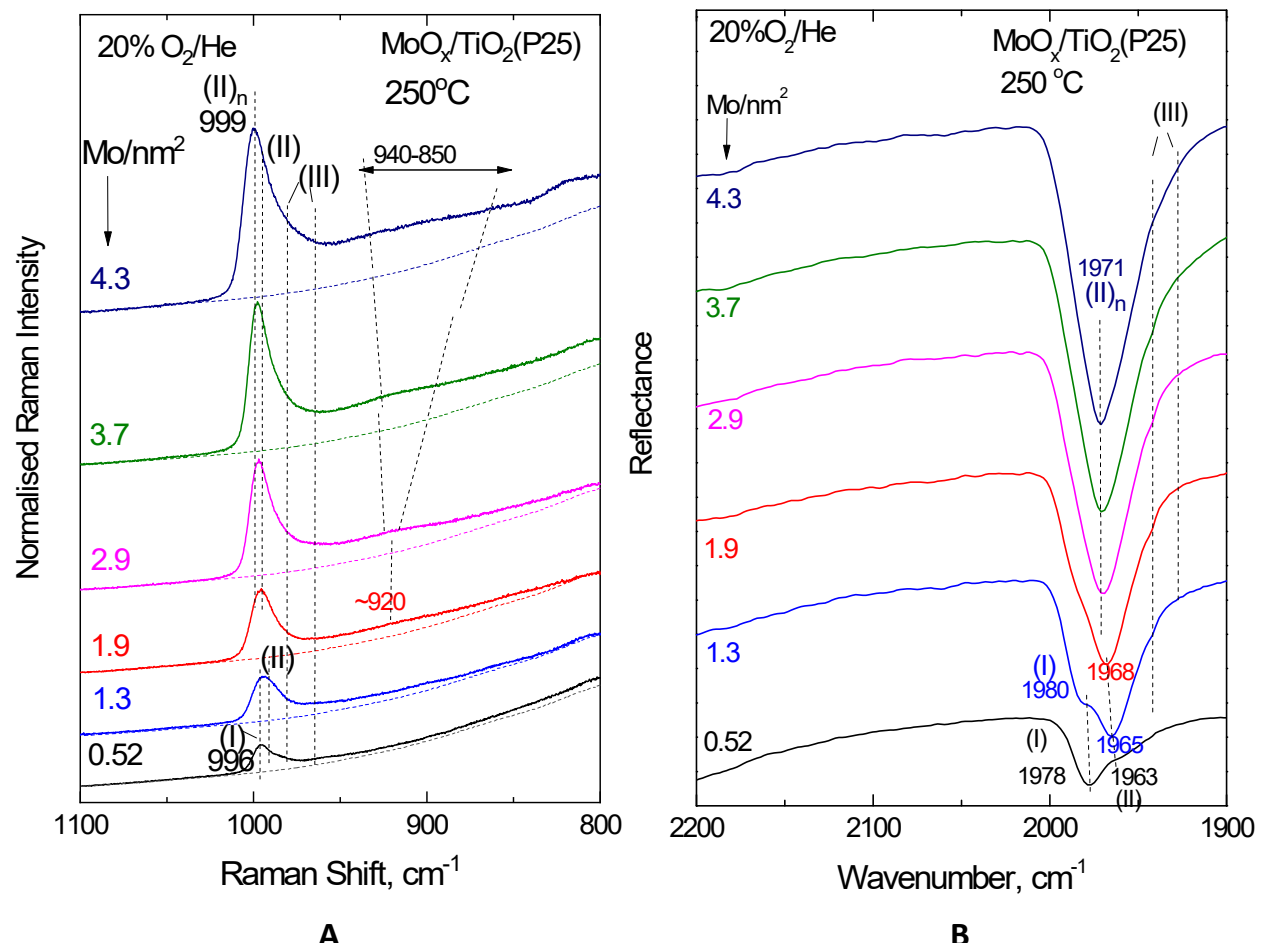


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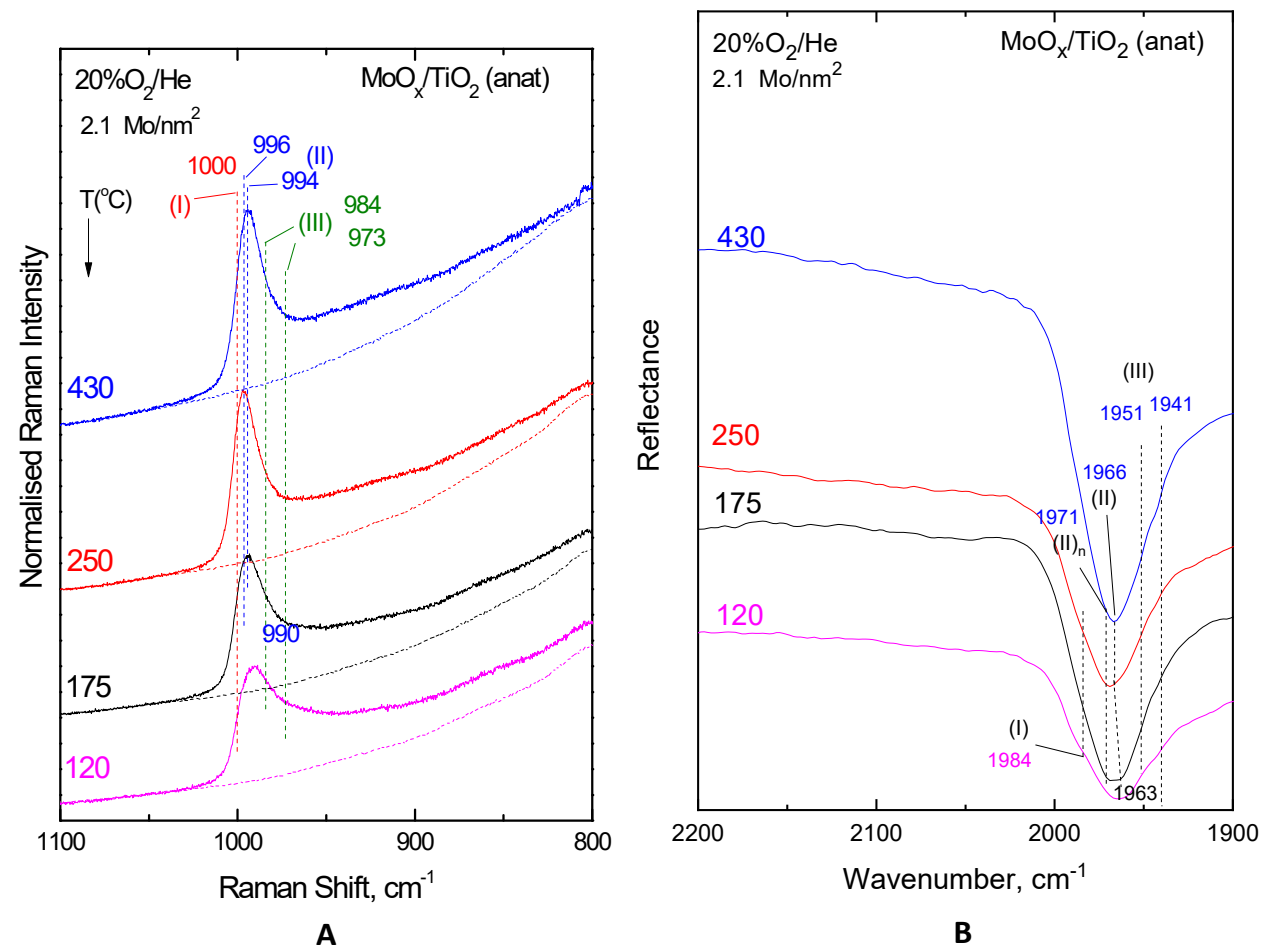
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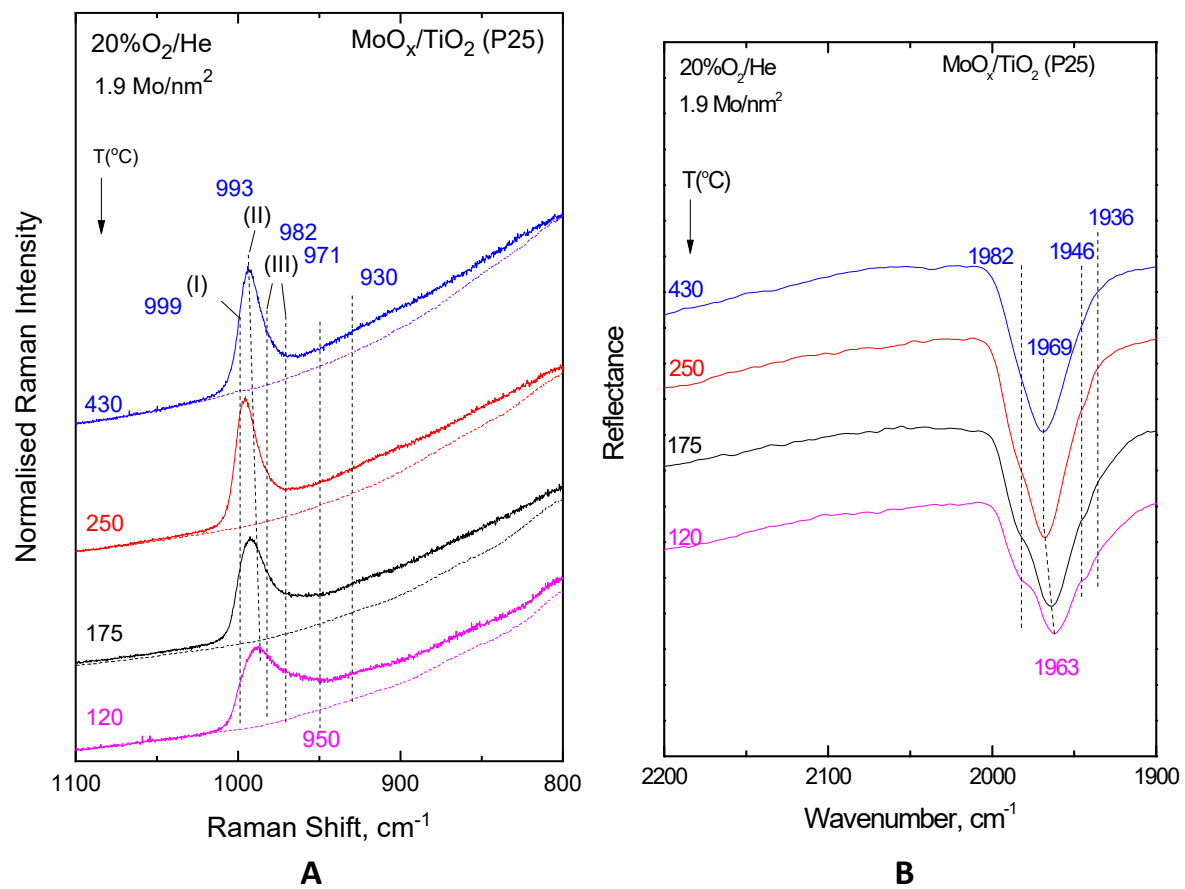
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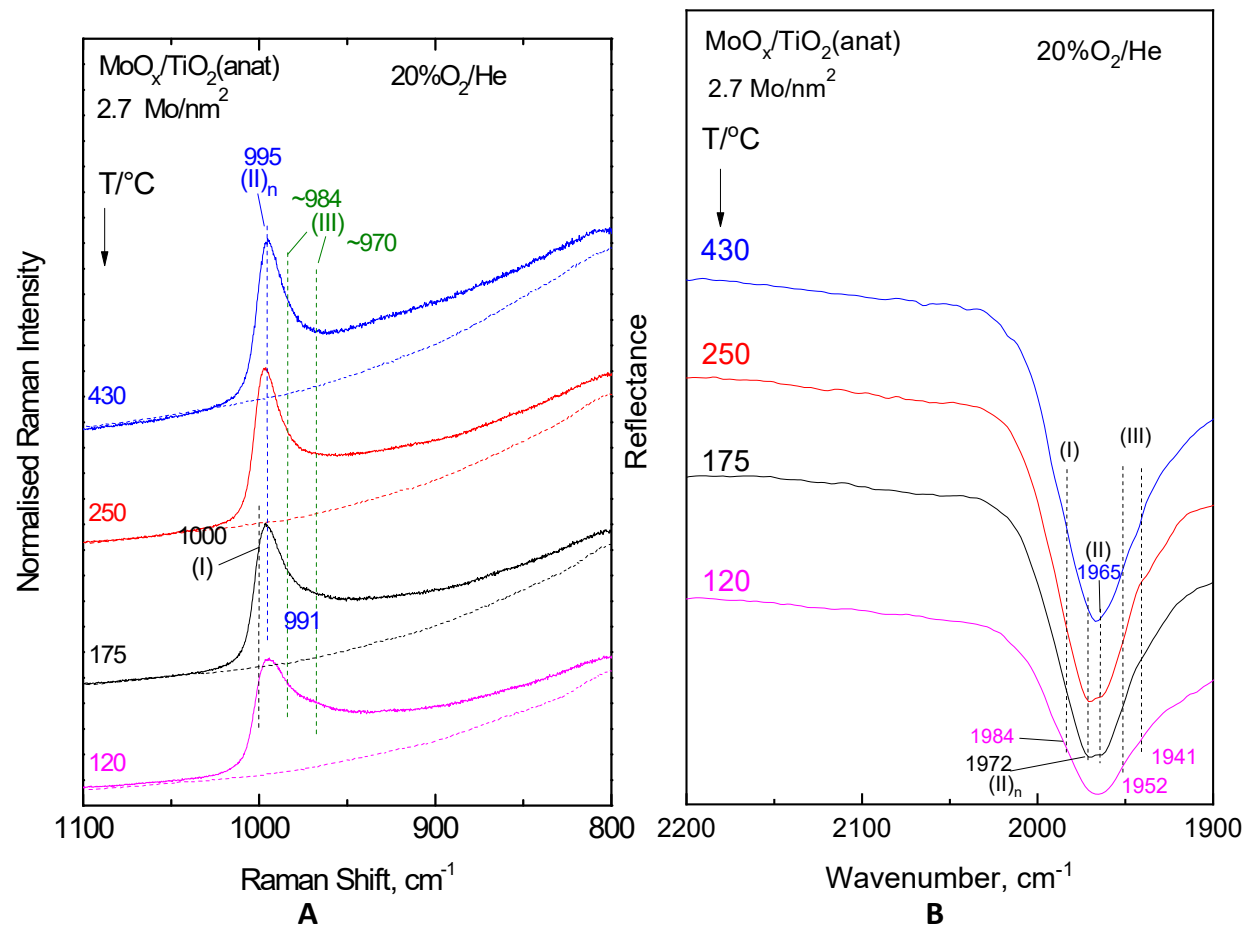
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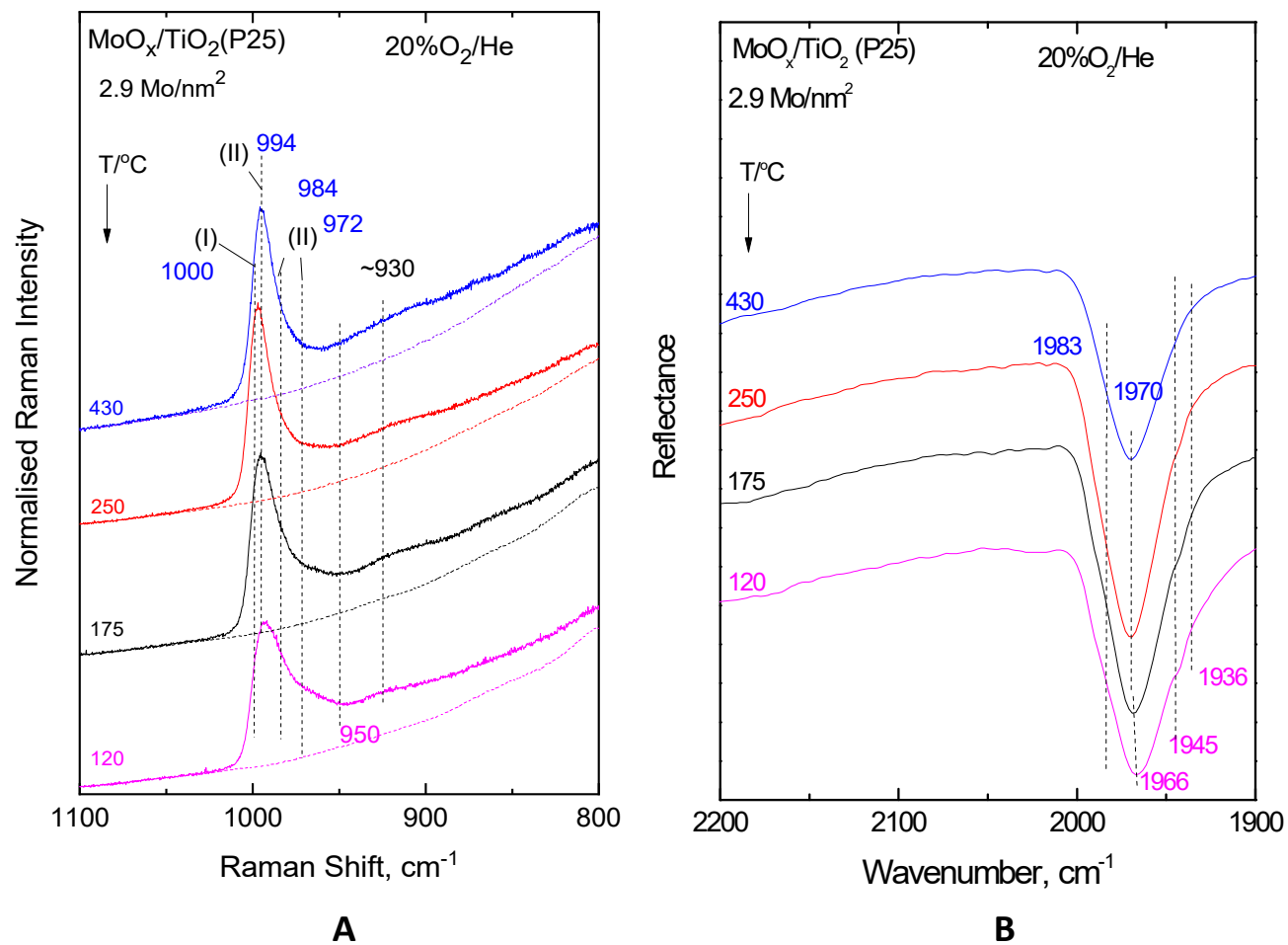
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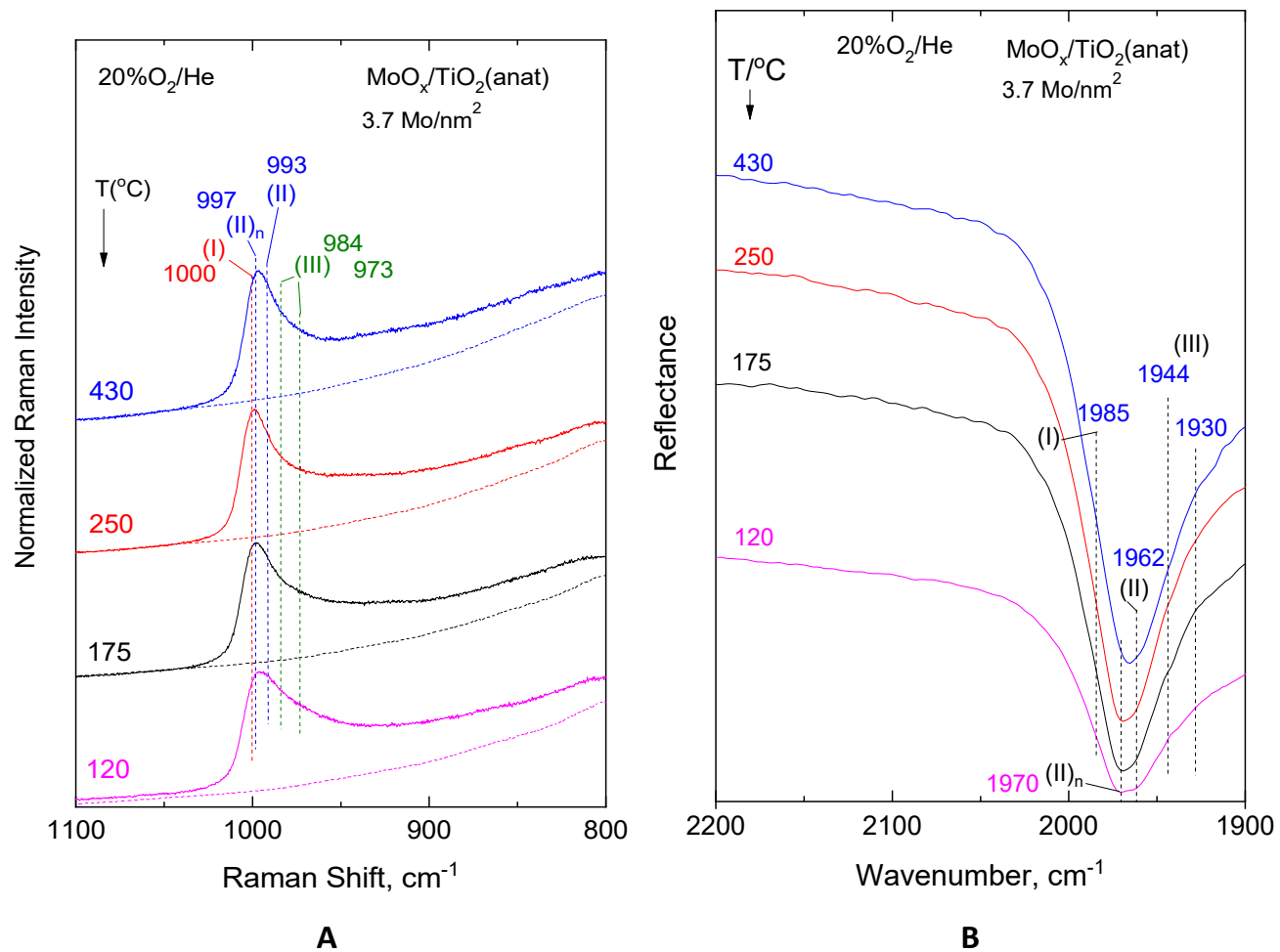
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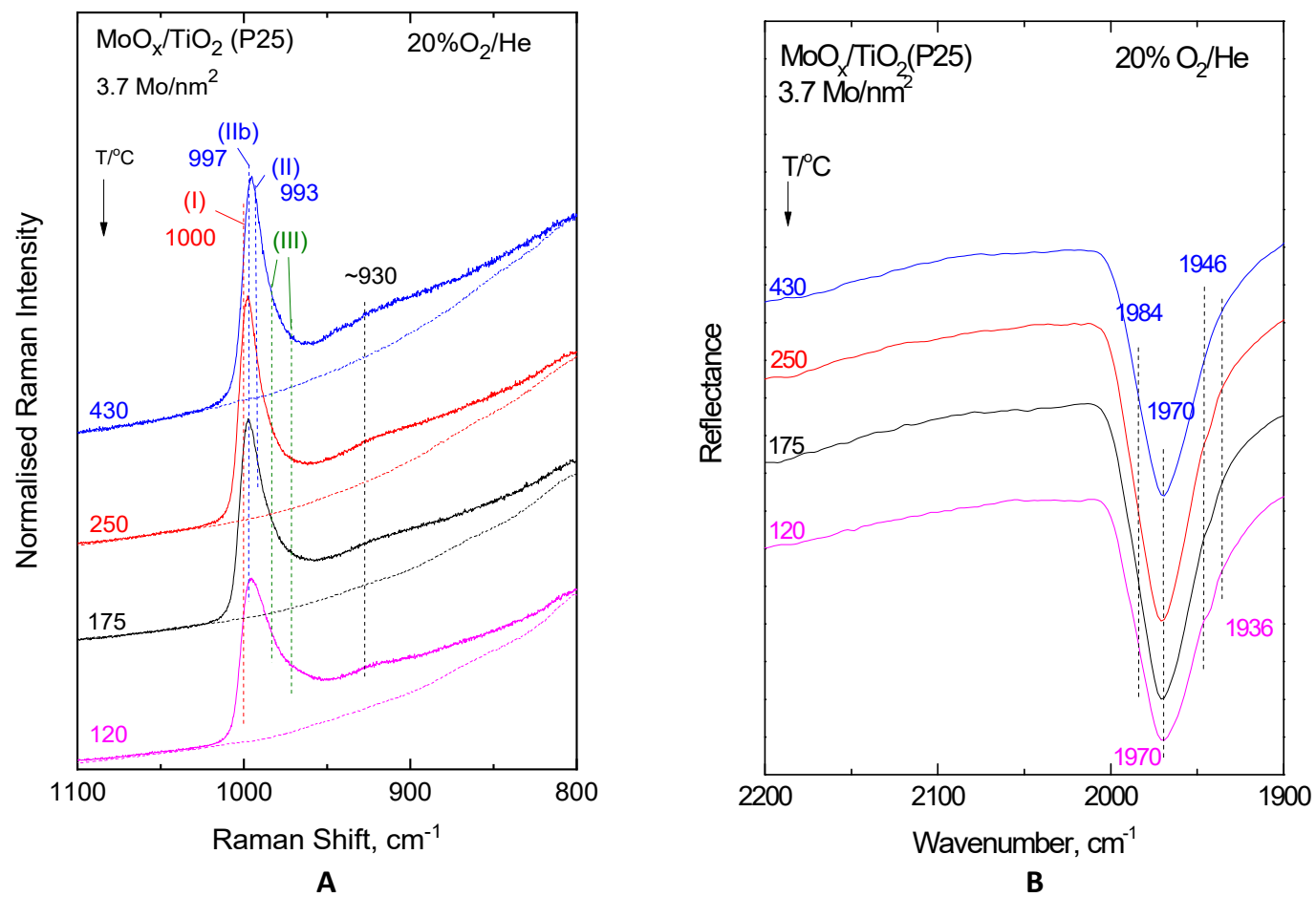
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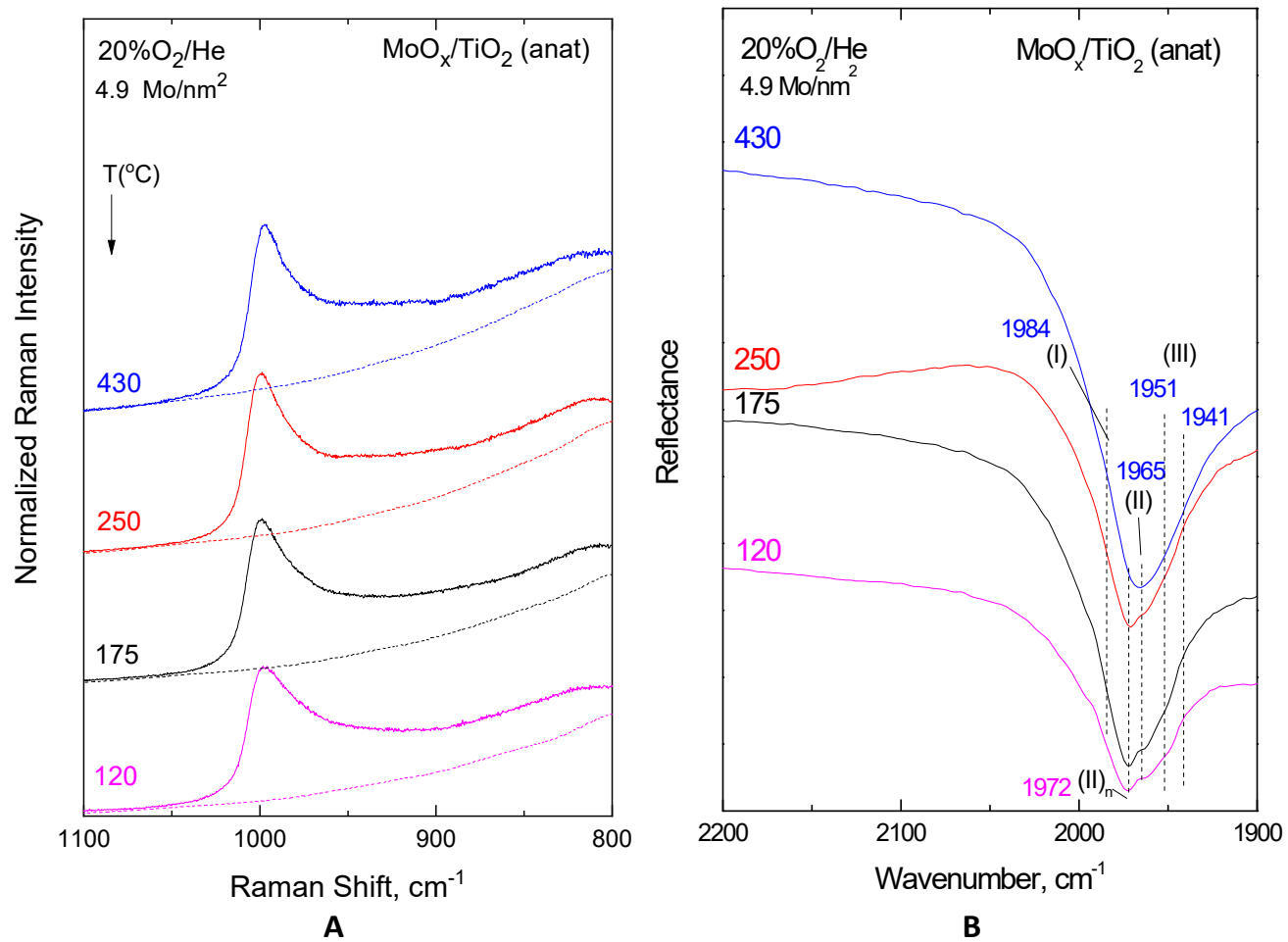
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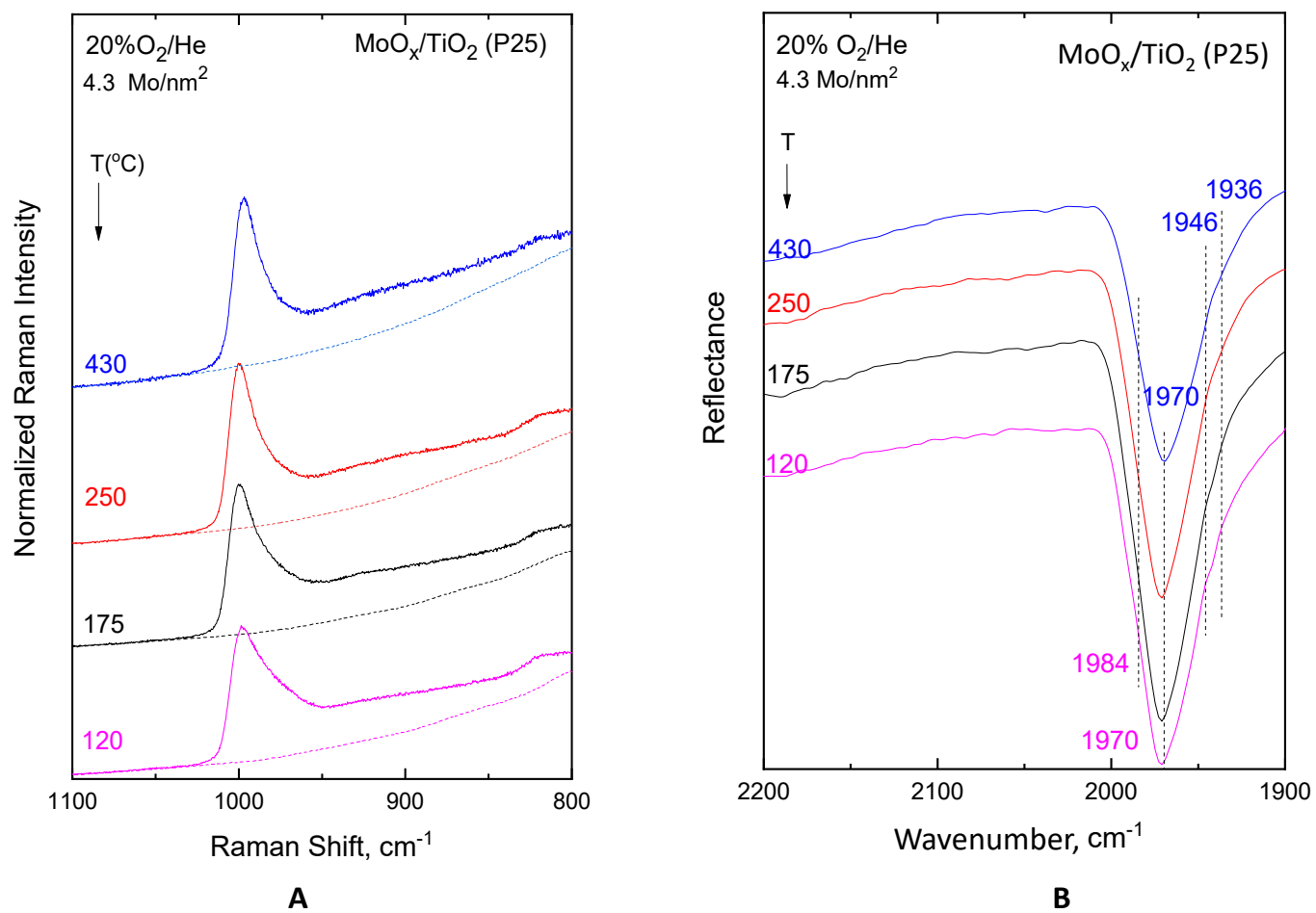
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