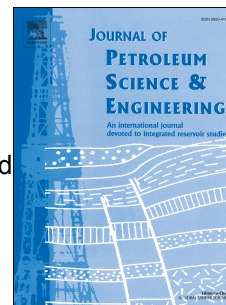


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The Cambrian-Ordovician boundary in the Tarim Basin, NW China: Geochemistry and geophysics data anomalies

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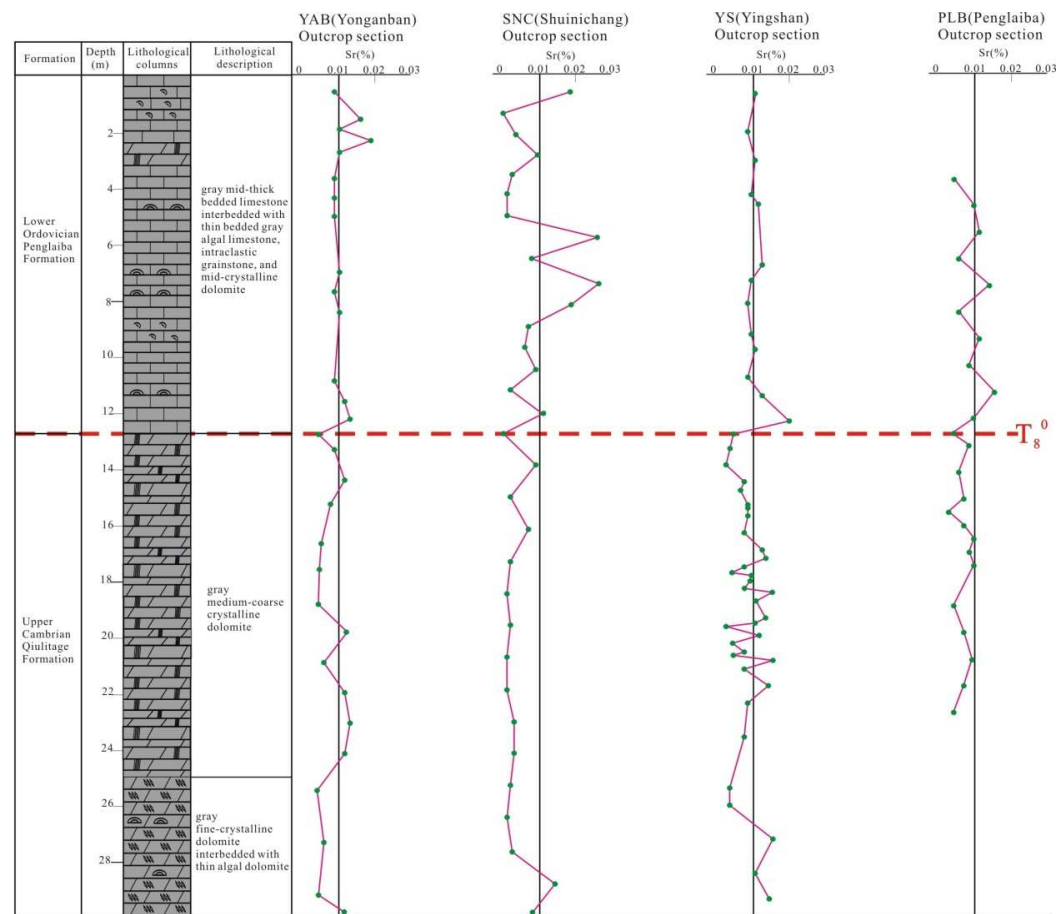
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The T_8^0 unconformity in the Tarim Basin, NW China can be correlated with the Cambrian-Ordovician boundary in several other sections around the world. The detailed chemostratigraphic study and seismostratigraphic data of the Cambrian-Ordovician transition interval in the Tarim Basin are clarified. Sr element concentrations are used as a new tool for the identification and correlation of the unconformity. The lower Sr concentrations are closely correlated with the samples from the top of the Qulitage Formation in close proximity to the T_8^0 unconformity.

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