

5-B -Nat

Figure 1 consists of two vertically stacked plots sharing a common x-axis representing Incident Energy (eV) on a logarithmic scale from 10^6 to 10^7 .

The top plot shows the Cross Section (barns) on a logarithmic y-axis from 10^{-4} to 10^{-1} . It compares two data series: B TENDL-2019 (solid black line) and B JENDL-4 (dashed red line). The B JENDL-4 series generally shows higher cross sections than B TENDL-2019 in the lower energy range, while they converge at higher energies. A legend in the top-left corner identifies the series. Arrows at the top indicate the 'Max Ratio' region (left) and 'Min Ratio' region (right).

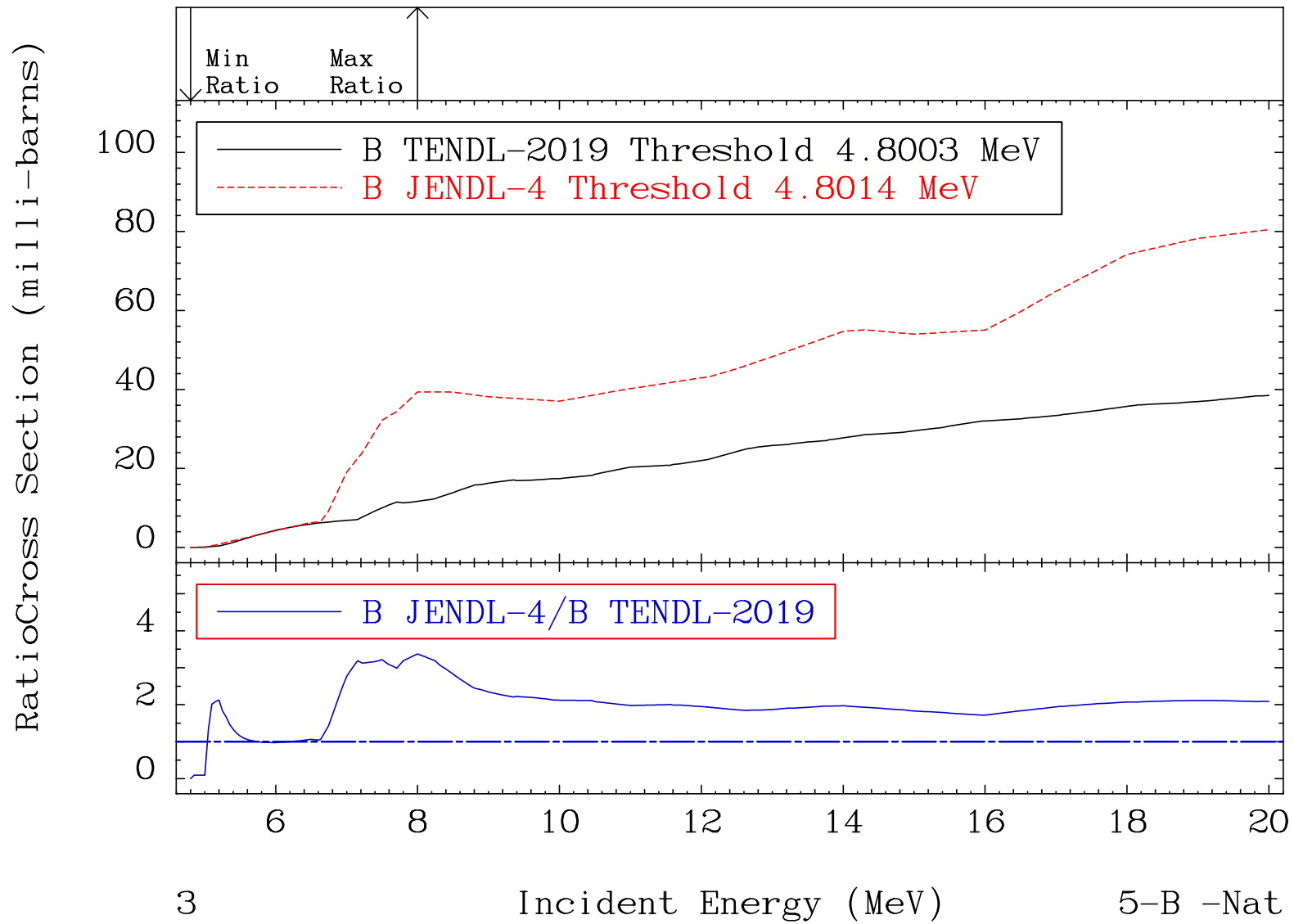
The bottom plot shows the Ratio $B \text{ JENDL-4} / B \text{ TENDL-2019}$ on a logarithmic y-axis from 10^0 to 10^1 . It displays a single blue line representing the ratio of the two cross sections. The ratio starts above 10 at 10^6 eV and decreases towards 1 as energy increases, with some fluctuations. A legend in the top-left corner identifies the series.

MAT 500

Deuterium Production

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Cross Section -100.0 To 237.3 %



MAT 500

Tritium Production

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Cross Section

-93.97 To 838.5 %

