

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

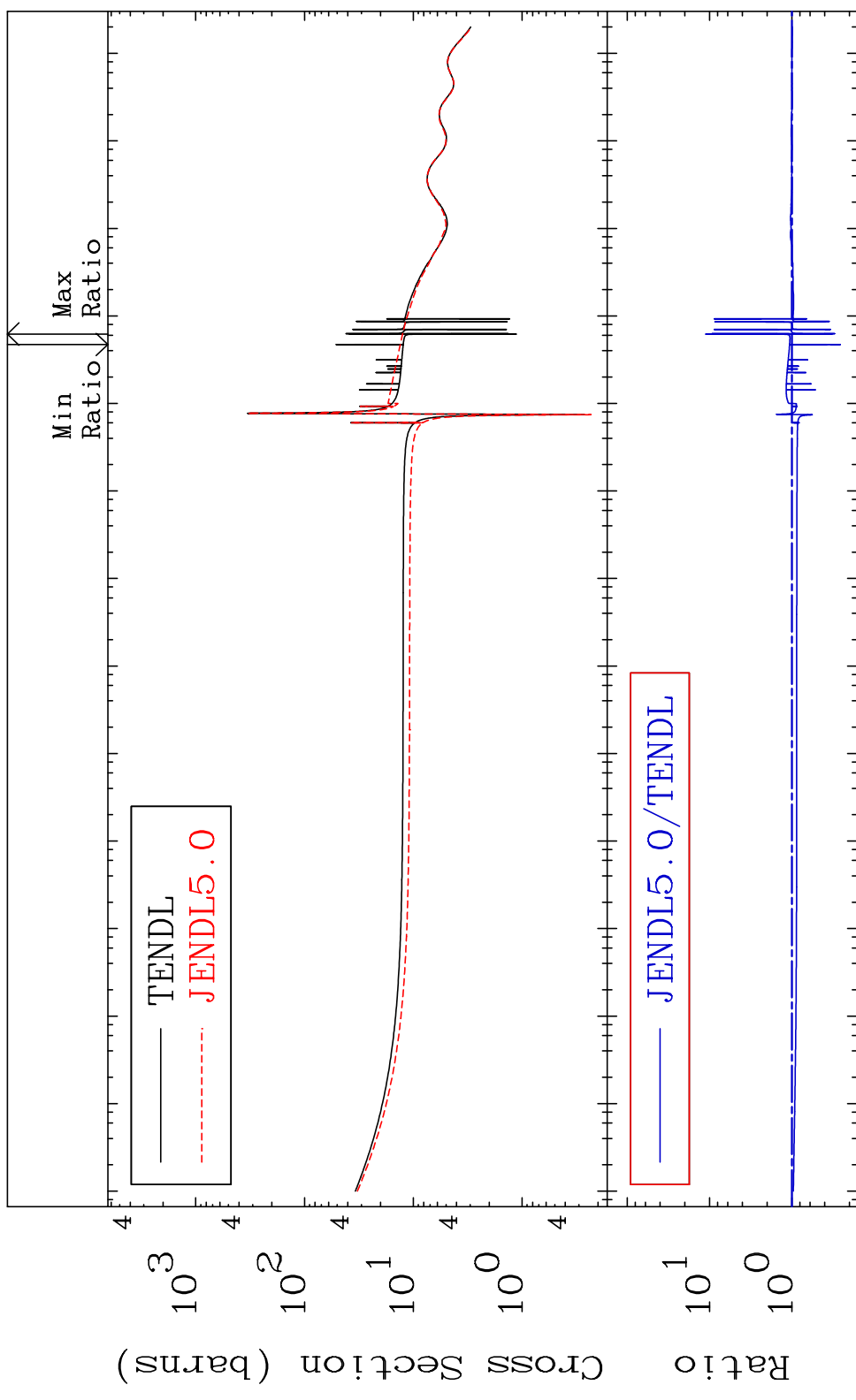
MAT 8049

Total

80-Hg-204

Cross Section

-74.33 To 1010. %



10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

1

Incident Energy (eV)

80-Hg-204

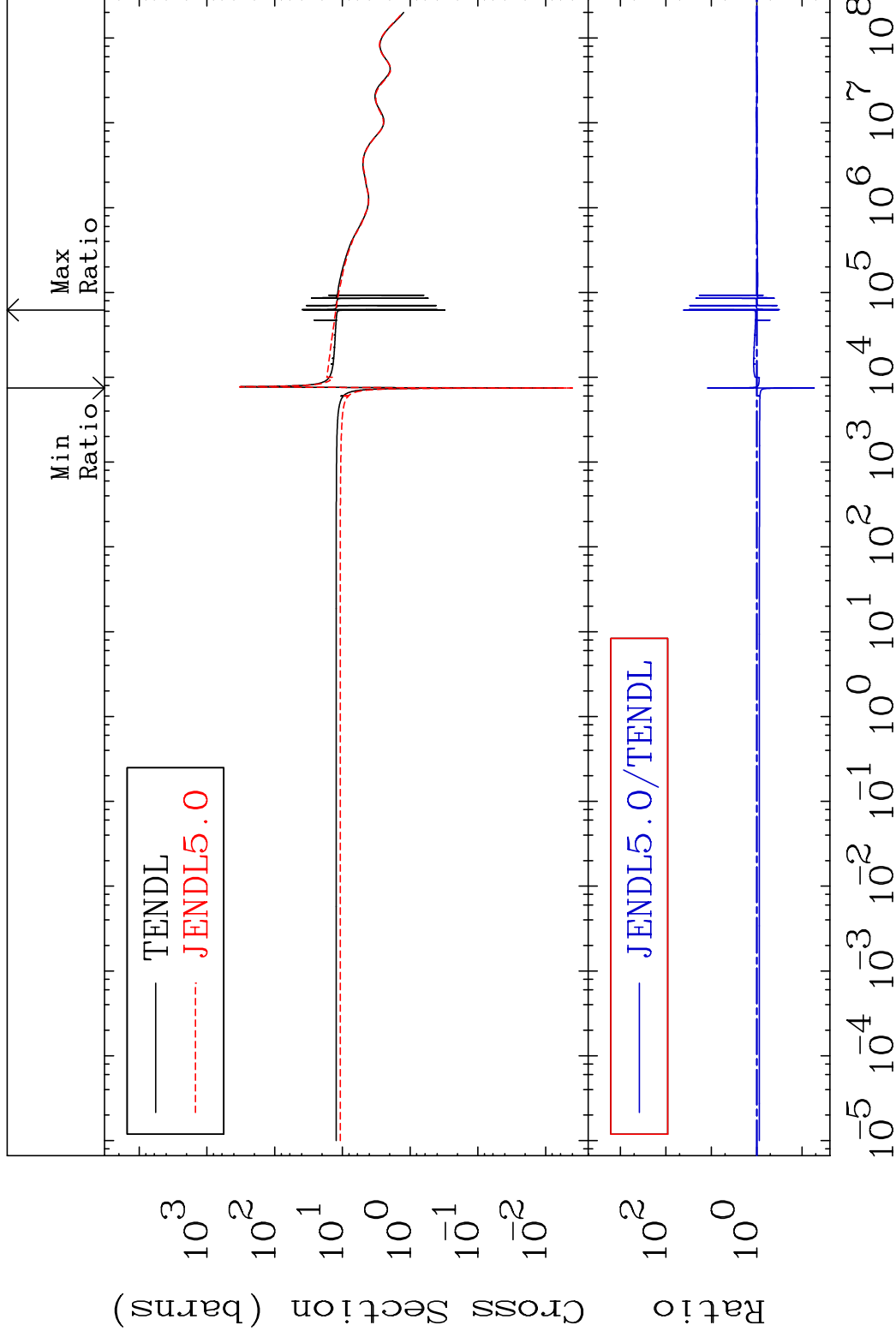
MAT 8049

Elastic

80-Hg-204

Cross Section

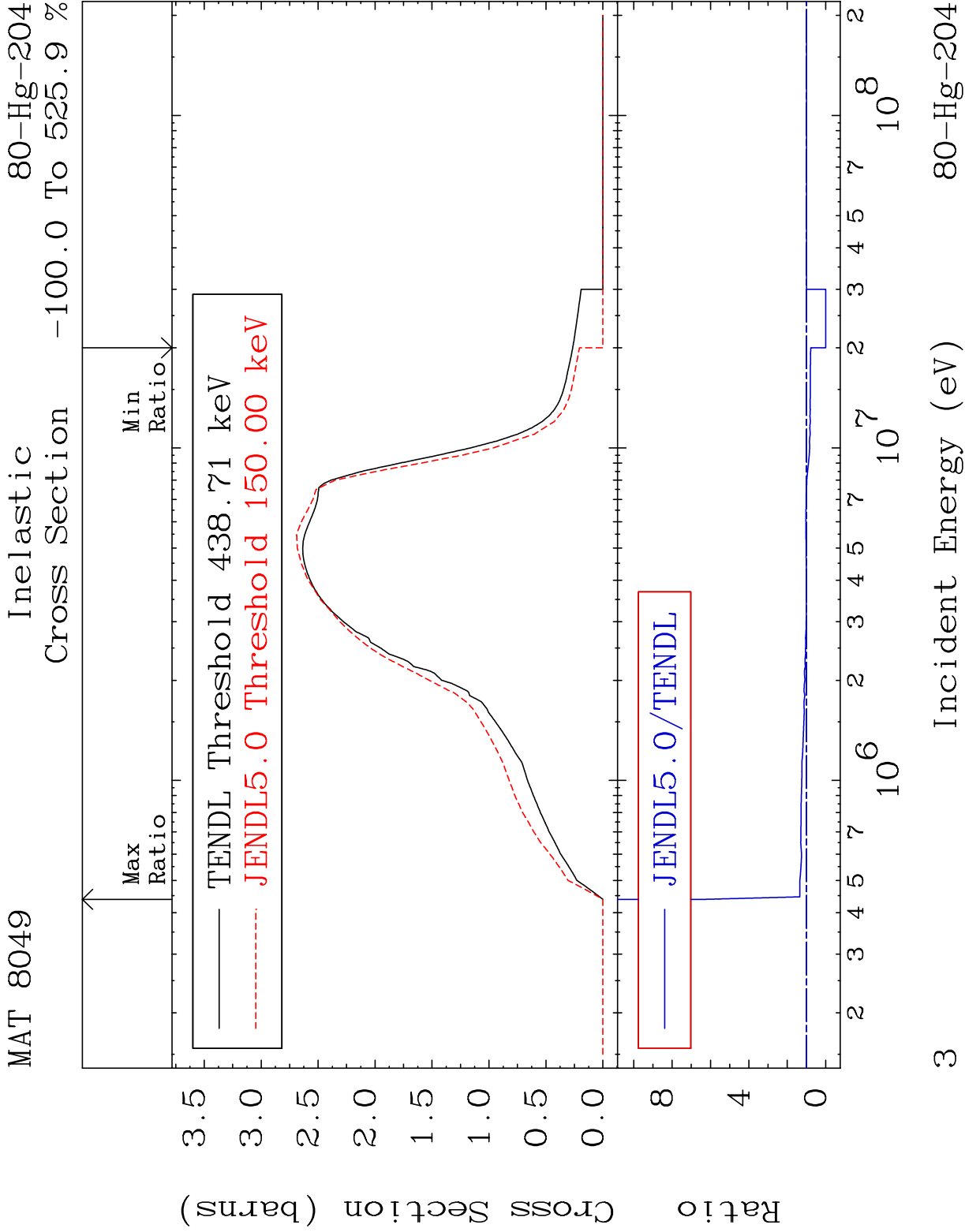
-94.56 To 3962. %



2

Incident Energy (eV)

80-Hg-204

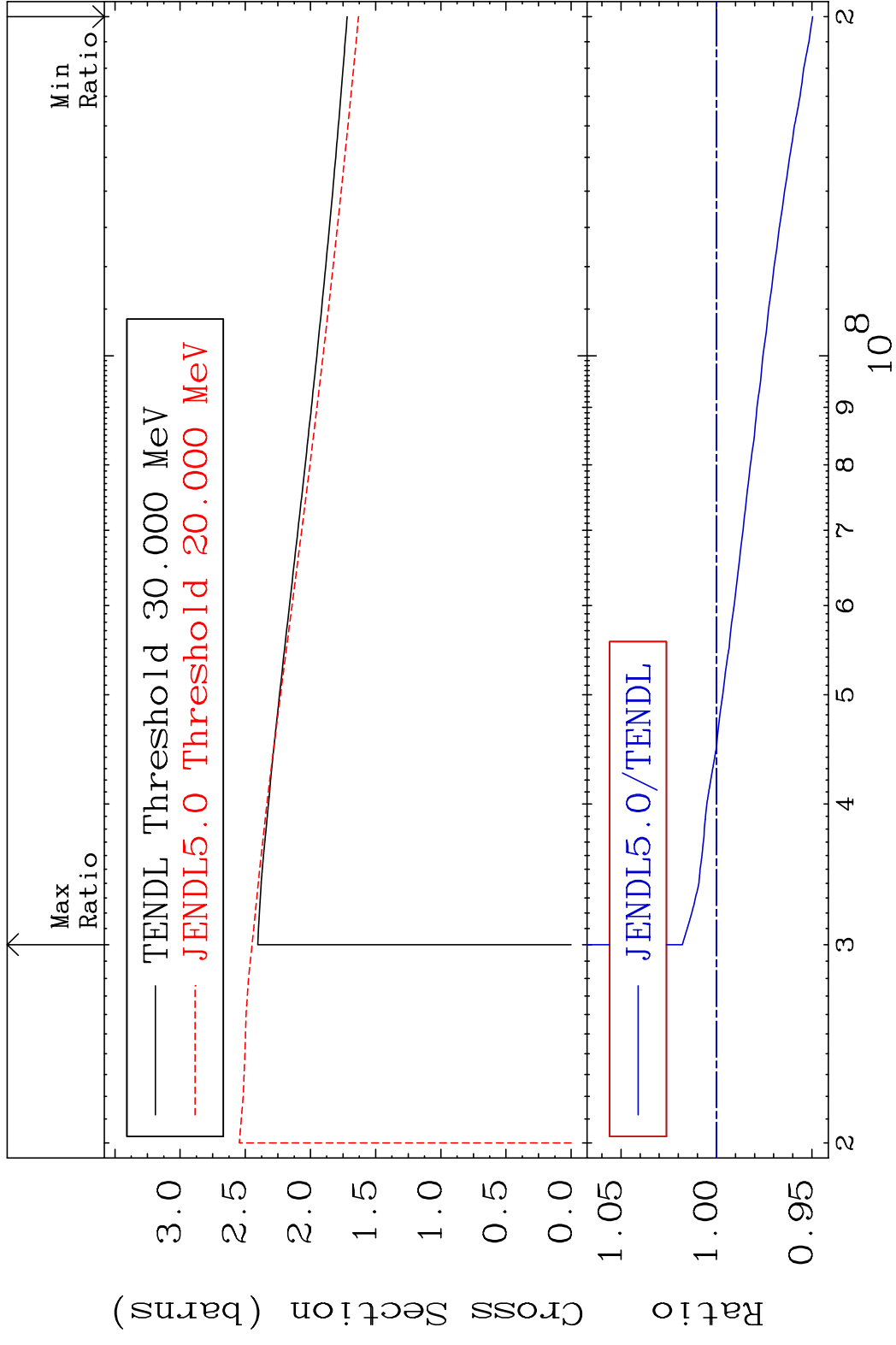


MAT 8049

(n, remainder)

80-Hg-204

Cross Section -5.035 To 1.786 %

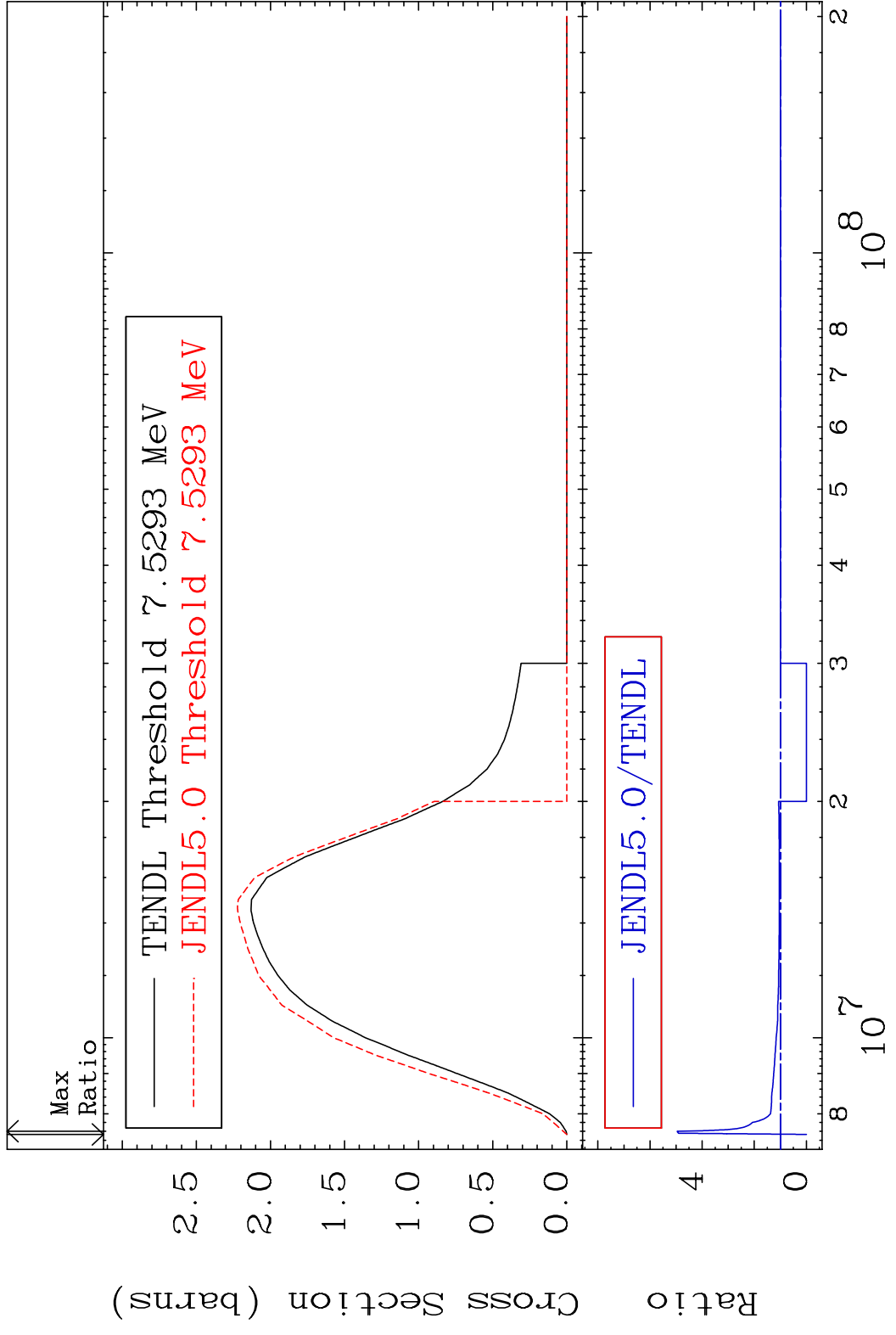


4

Incident Energy (eV)

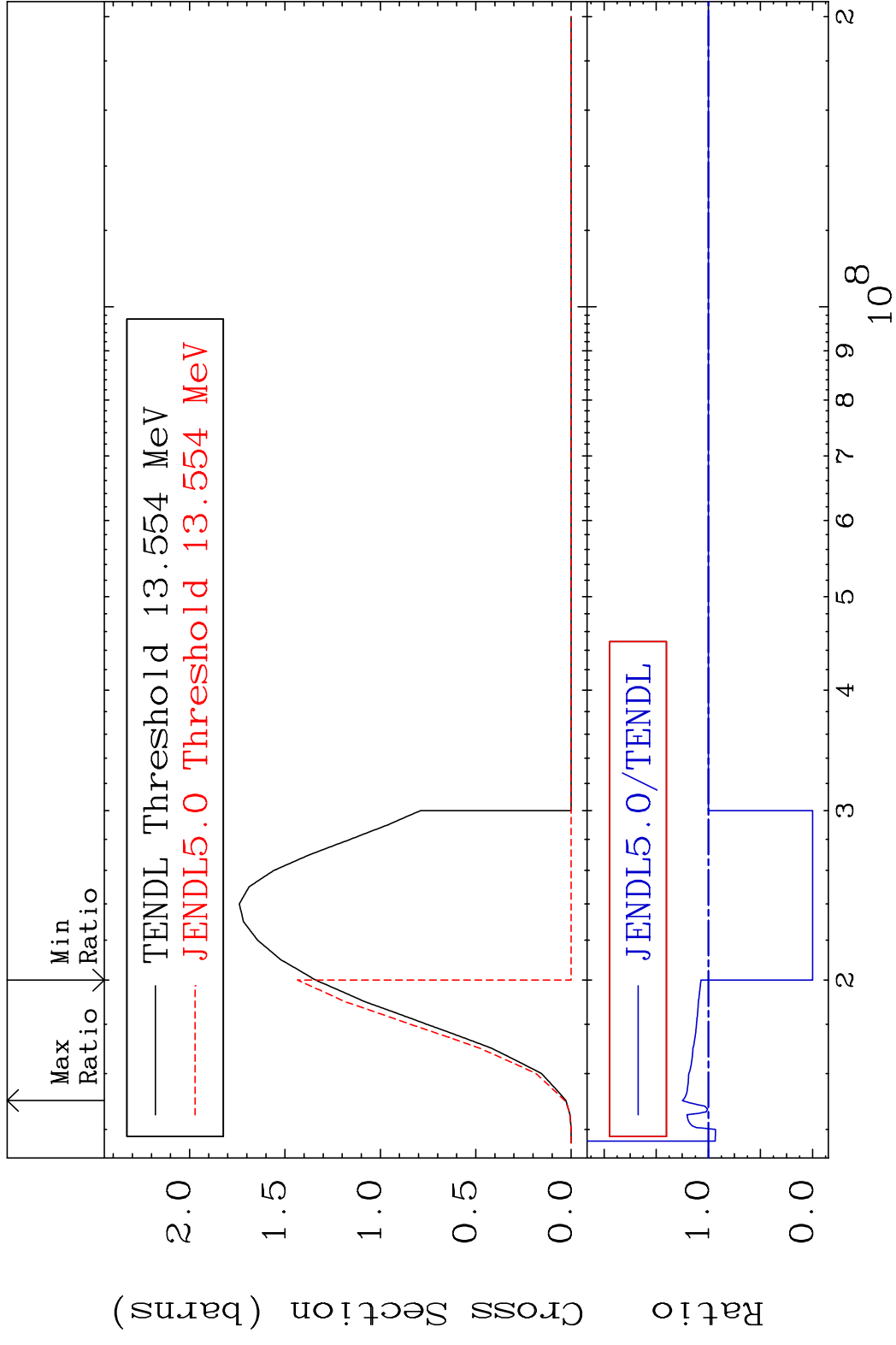
80-Hg-204

MAT 8049 (n,2n) 80-Hg-204  
 Cross Section -100.0 To 395.7 %

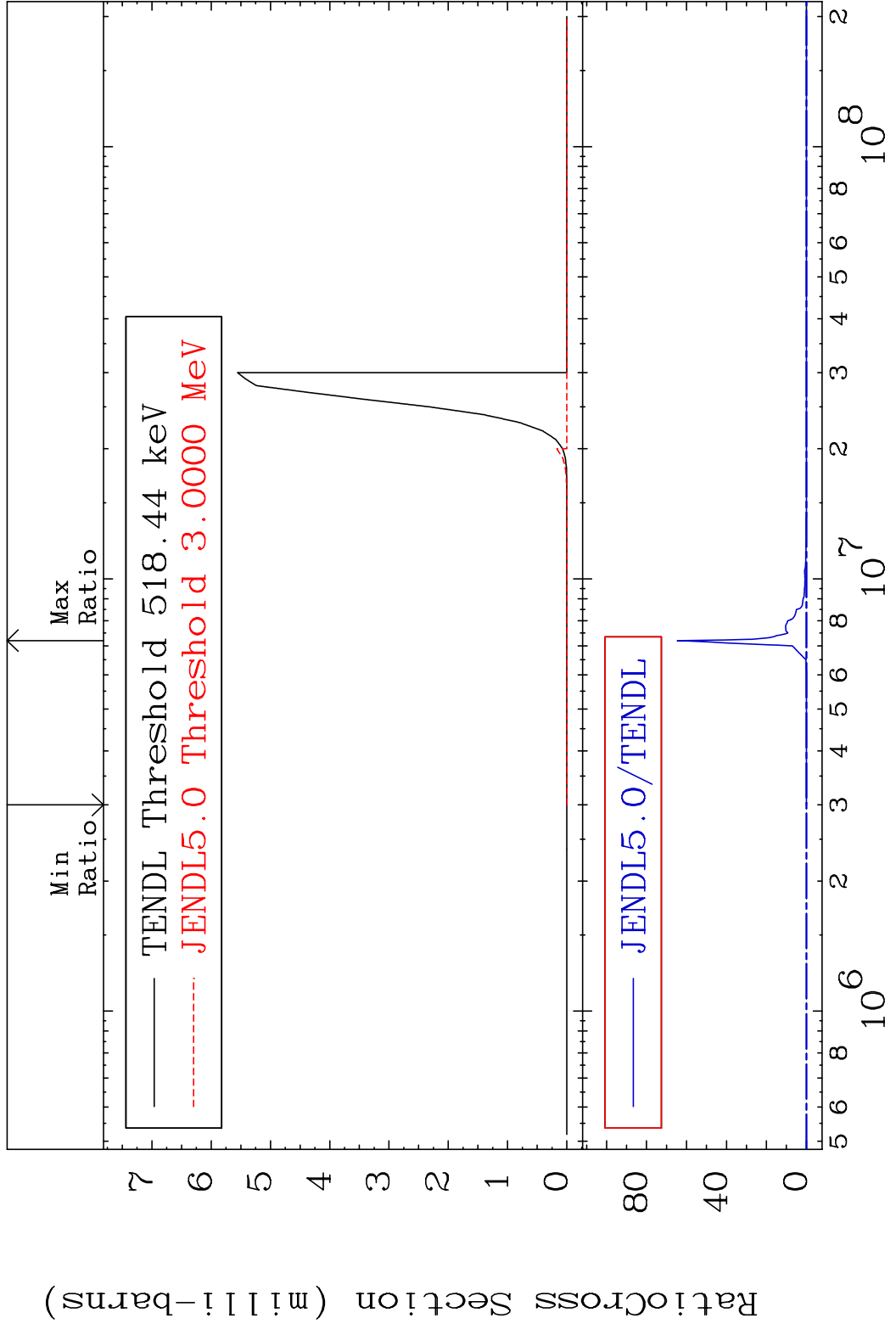


5 8 10<sup>7</sup> 2 3 4 5 6 7 8 10<sup>8</sup> 2 80-Hg-204

MAT 8049 (n,3n) 80-Hg-204  
 Cross Section -100.0 To 24.90 %



MAT 8049  $(n, n') \alpha$  80-Hg-204  
 Cross Section -100.0 To 9999. %



7 80-Hg-204

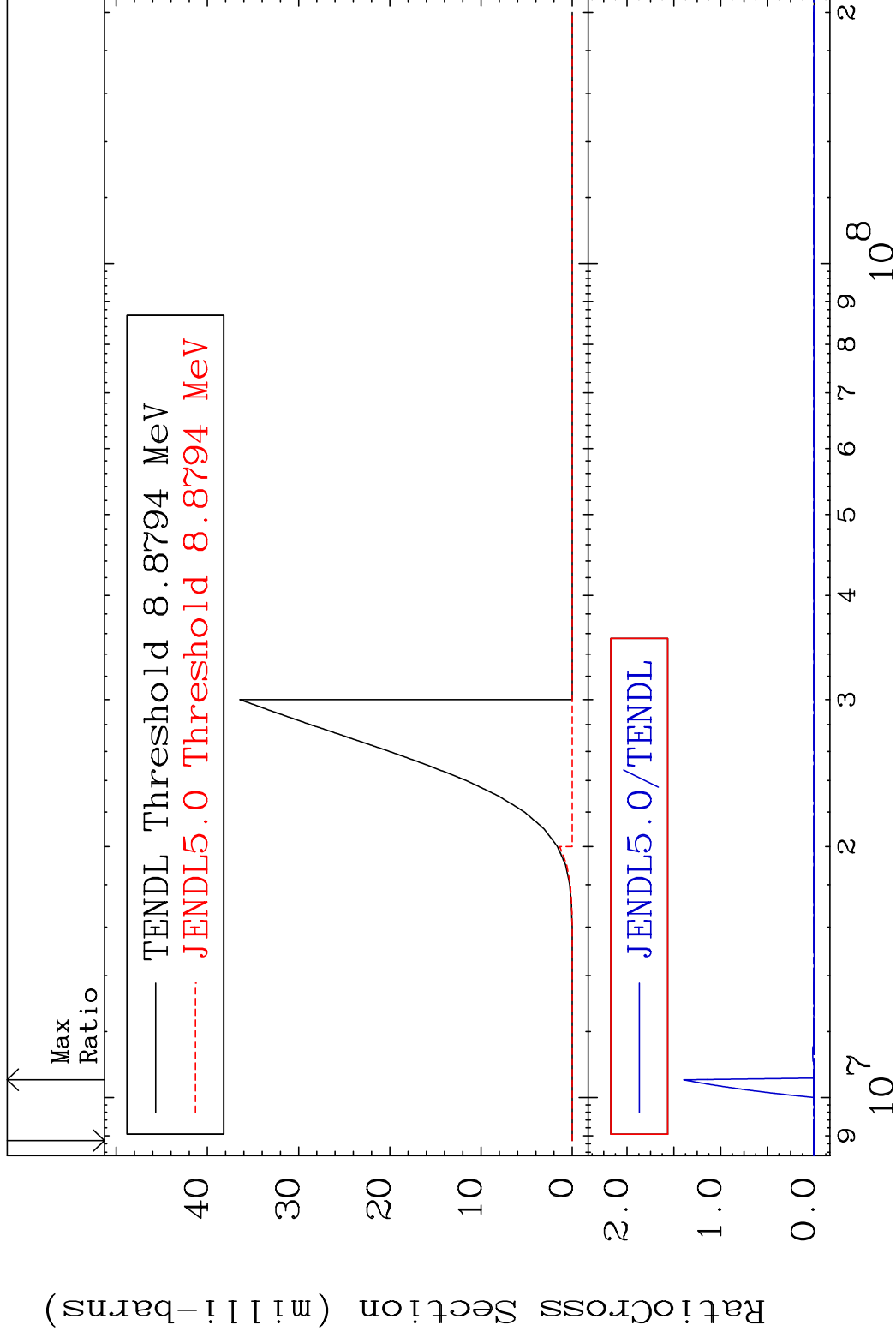


MAT 8049

(n, n') p

80-Hg-204

Cross Section -100.0 To 9999. %

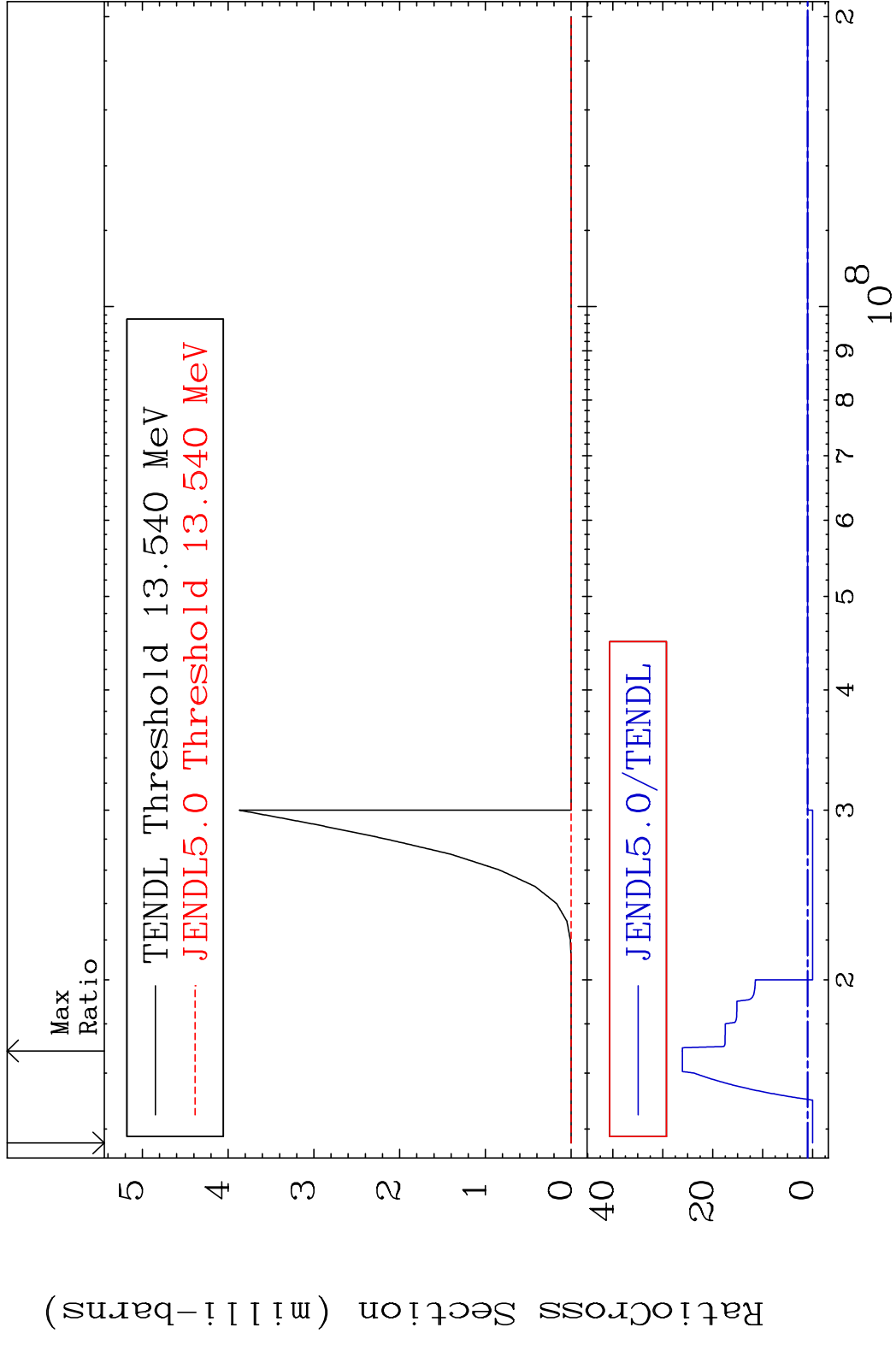


8

Incident Energy (eV)

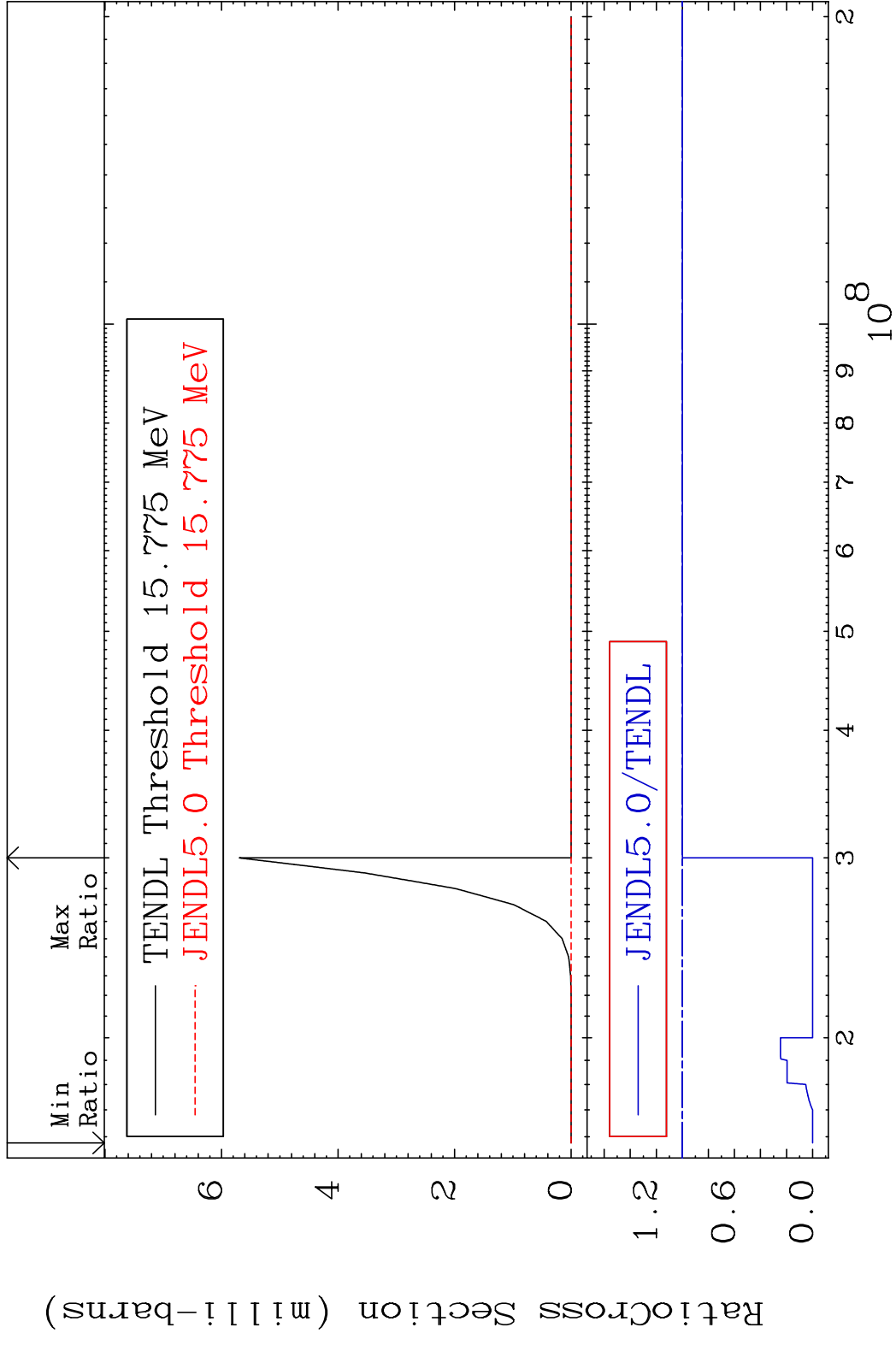
80-Hg-204

MAT 8049 (n, n') d 80-Hg-204  
 Cross Section -100.0 To 2507. %



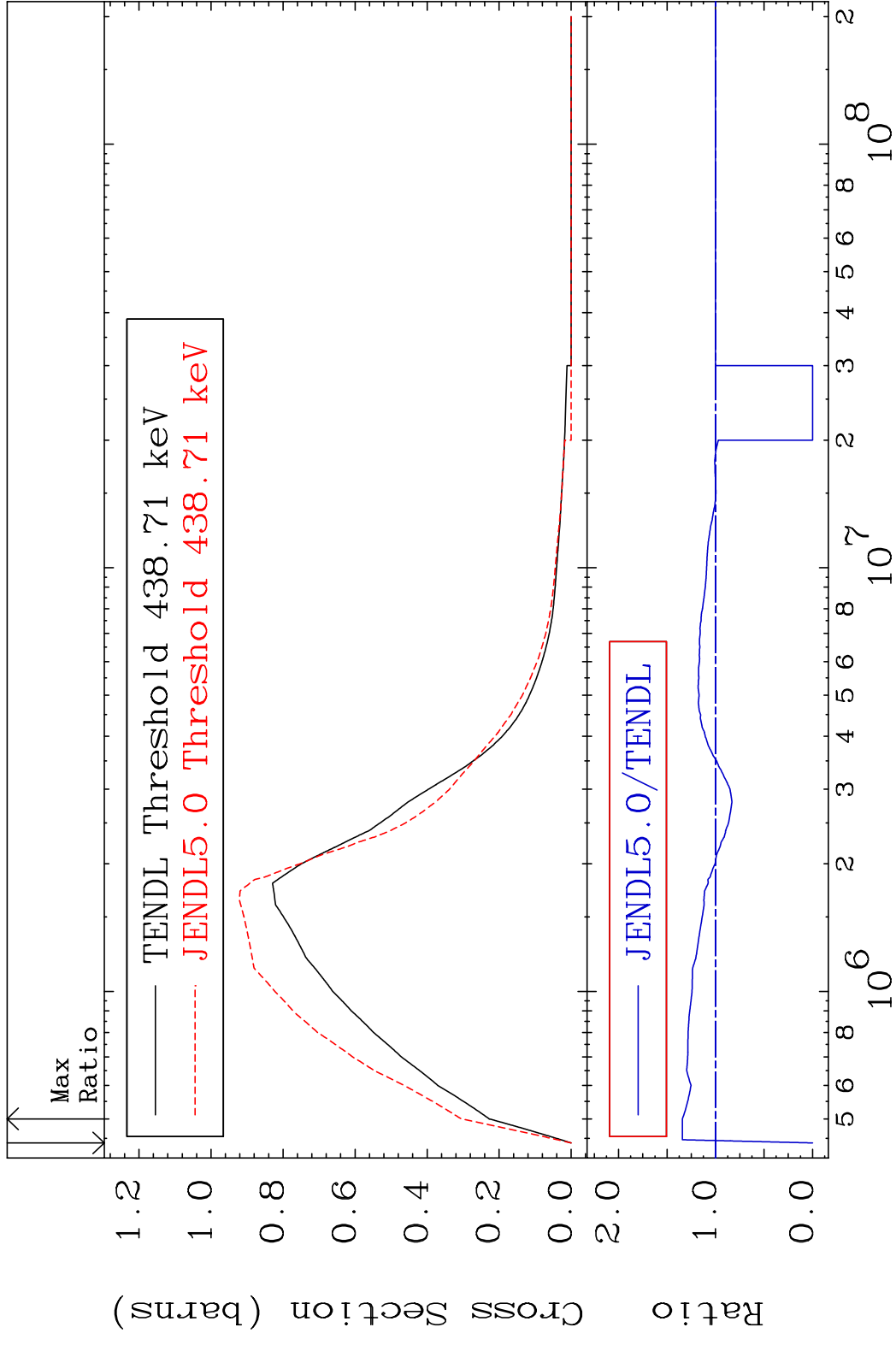
9 9 Incident Energy (eV) 80-Hg-204

MAT 8049 (n,2n) p 80-Hg-204  
 Cross Section -100.0 To 0.000 %

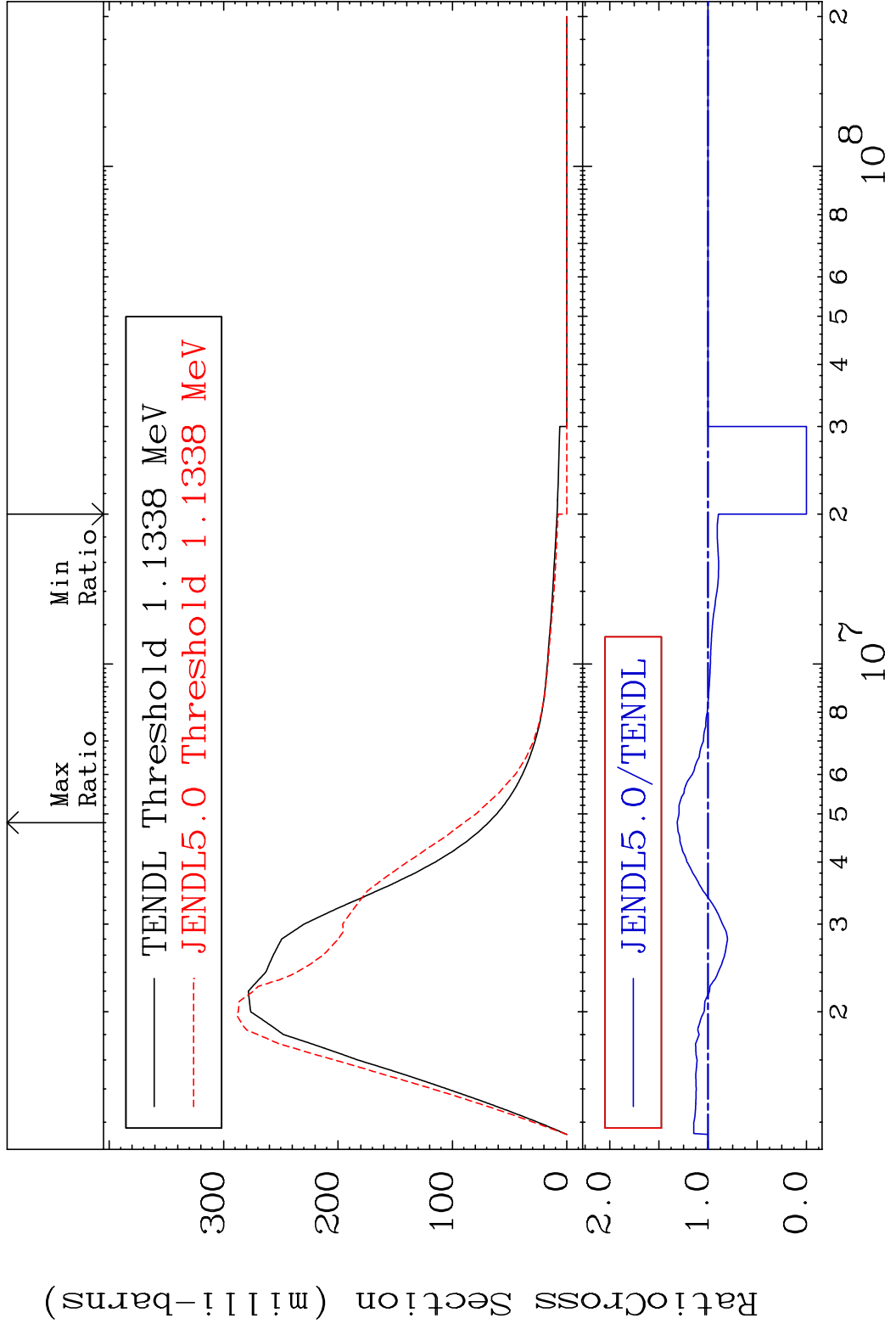


10 Incident Energy (eV) 80-Hg-204

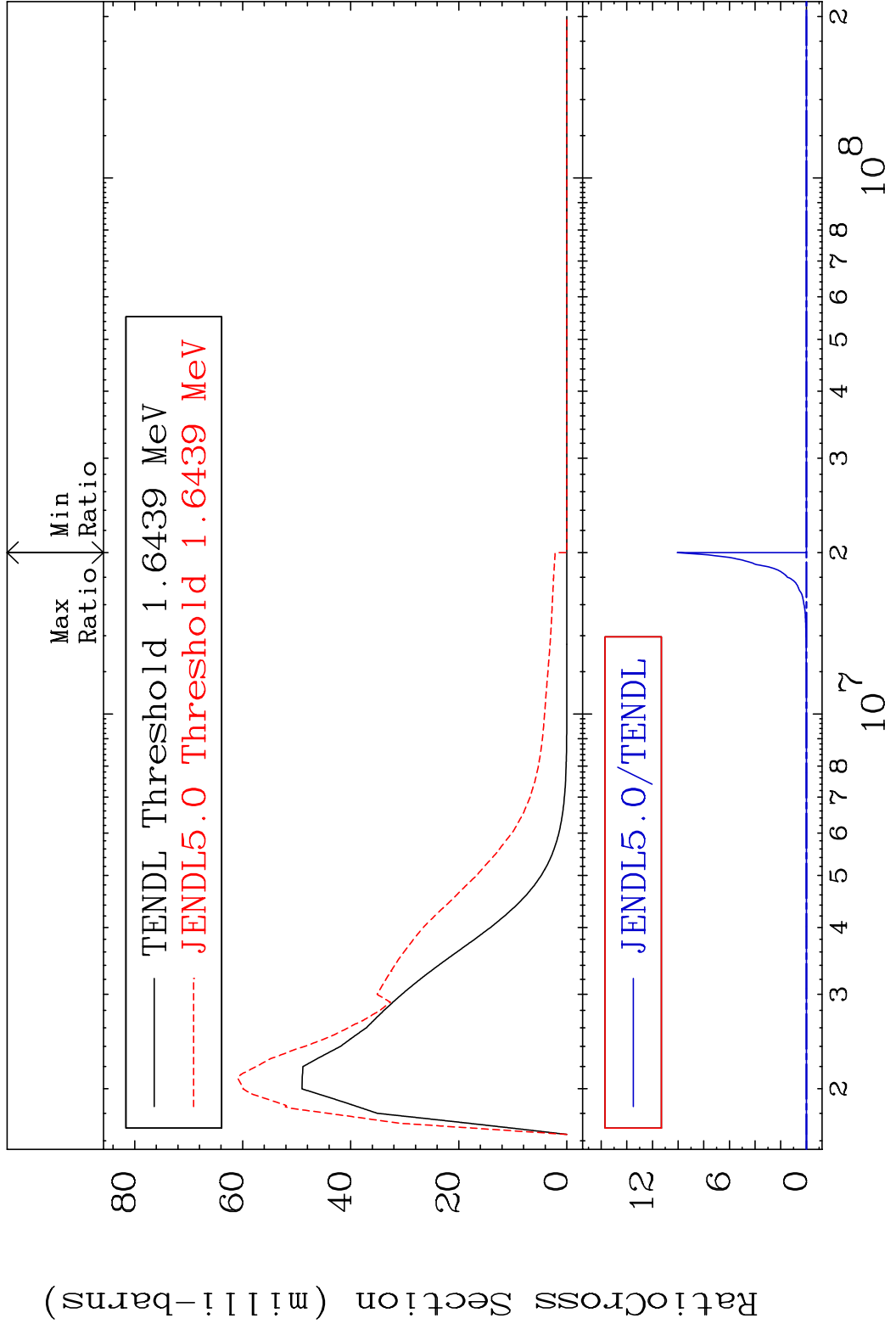
MAT 8049 MT= 51 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 34.24 %



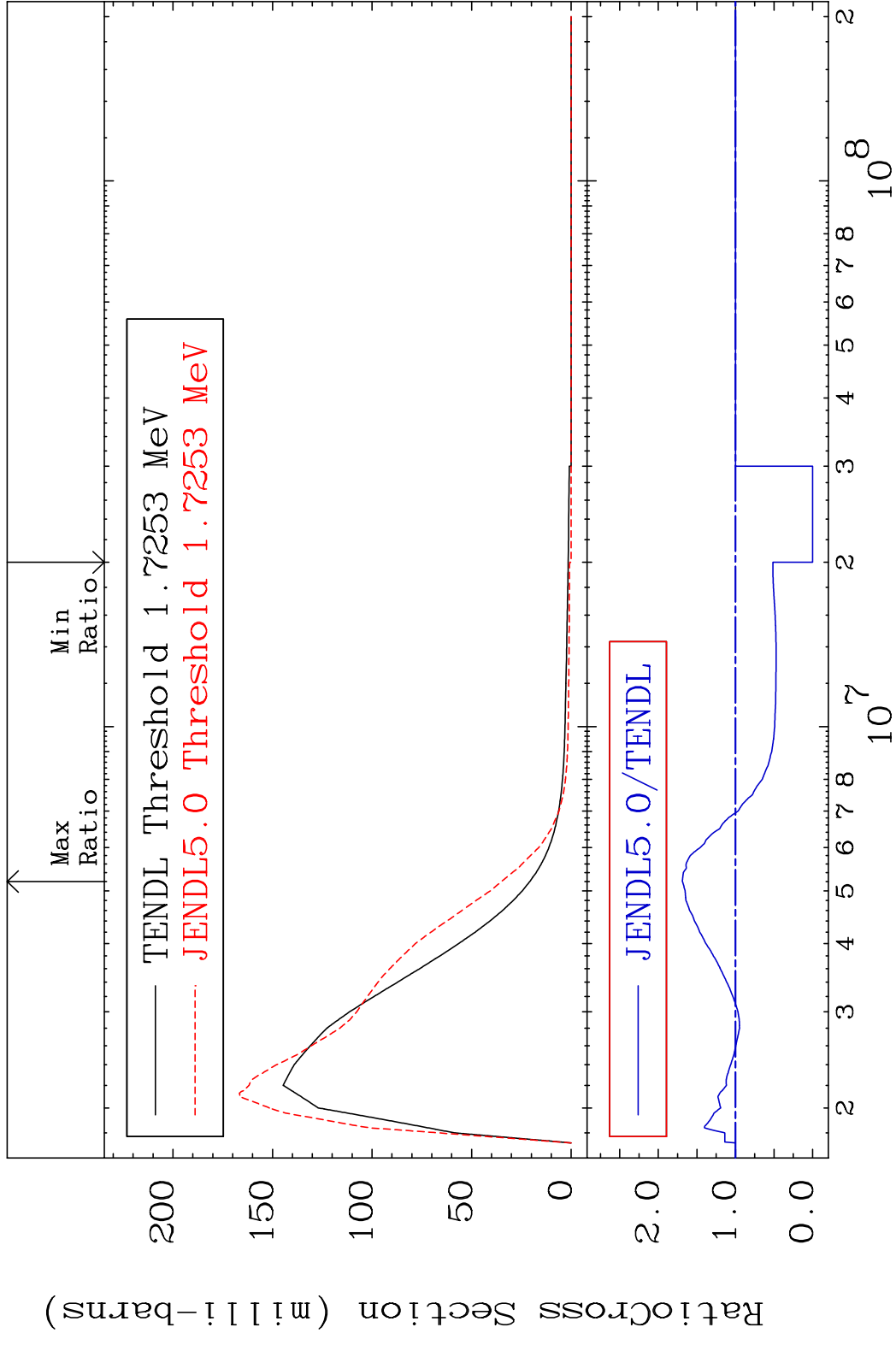
MAT 8049 MT= 52 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 31.38 %



MAT 8049 MT= 53 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 9999. %

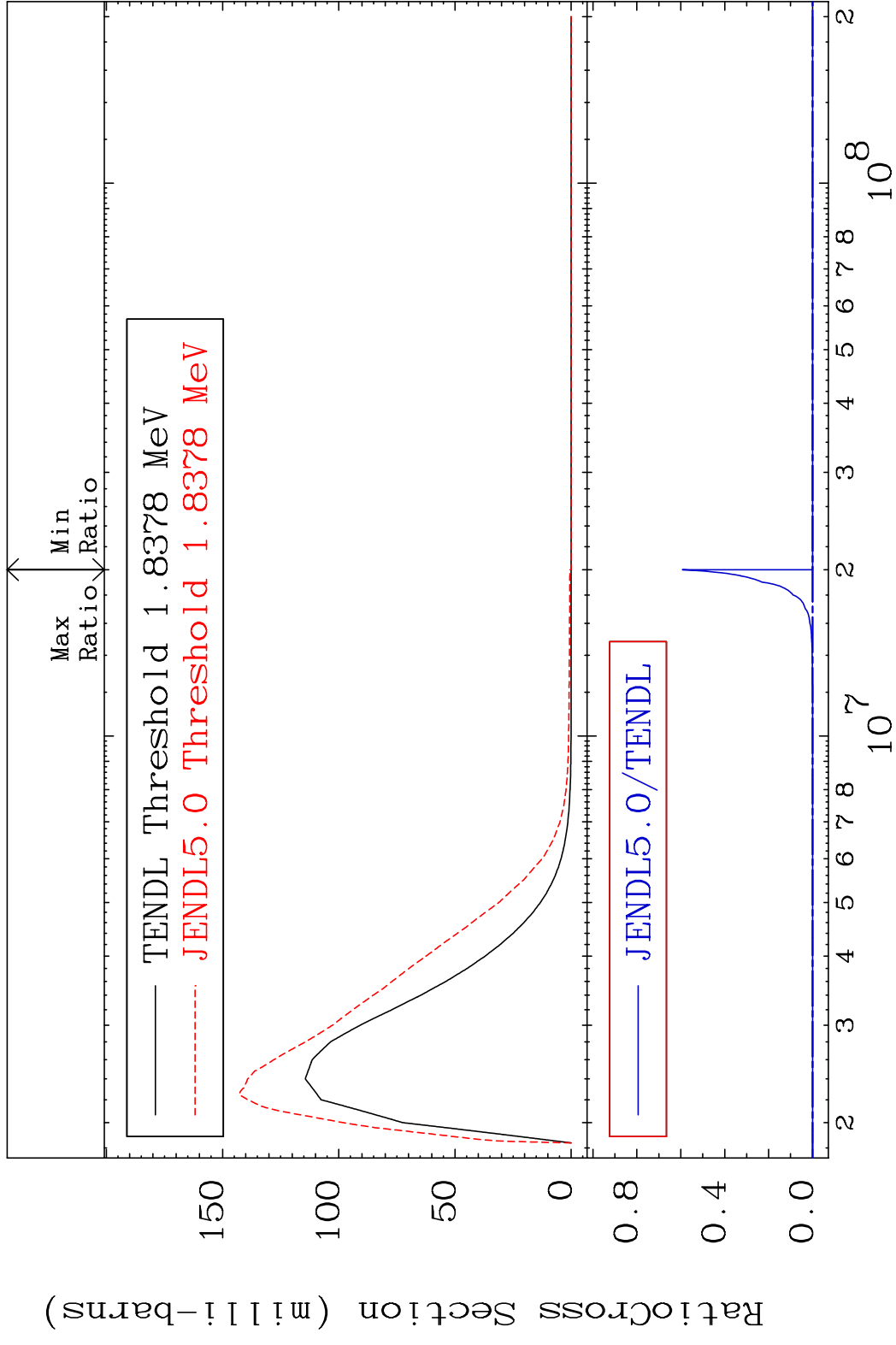


MAT 8049 MT= 54 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 68.84 %



14 Incident Energy (eV) 80-Hg-204

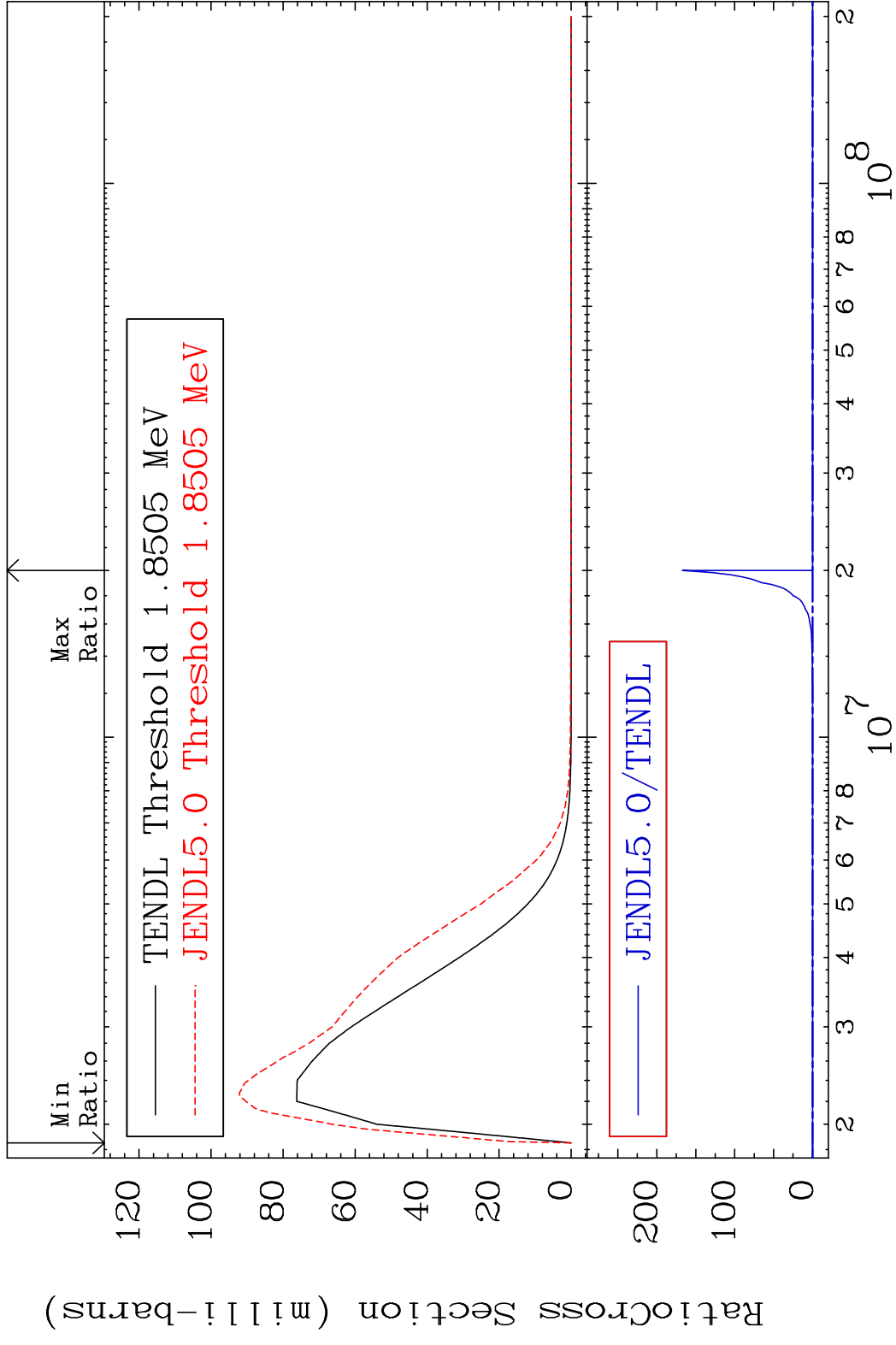
MAT 8049 MT= 55 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 9999. %



15 Incident Energy (eV) 80-Hg-204

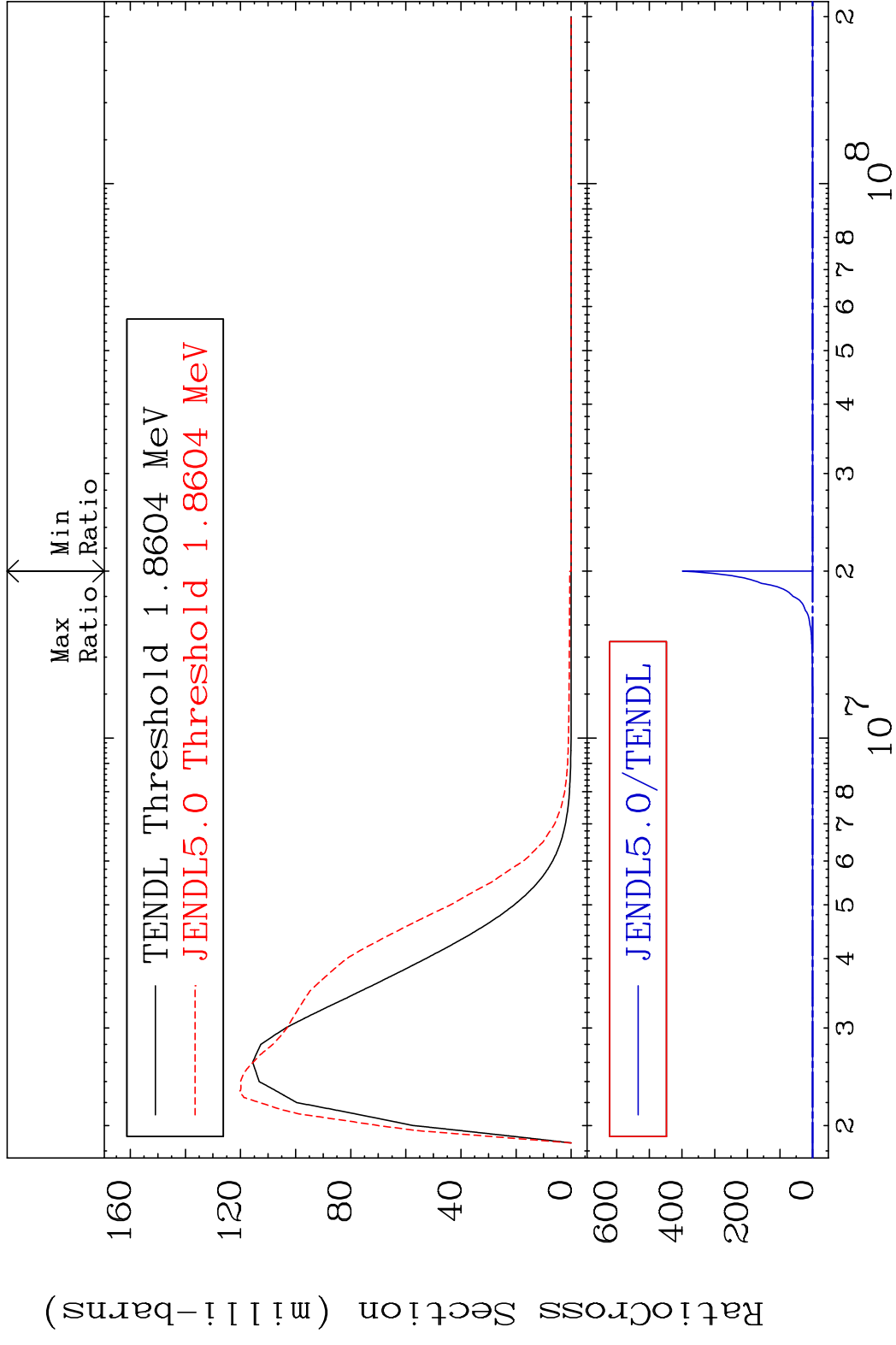


MAT 8049 MT= 56 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 9999. %

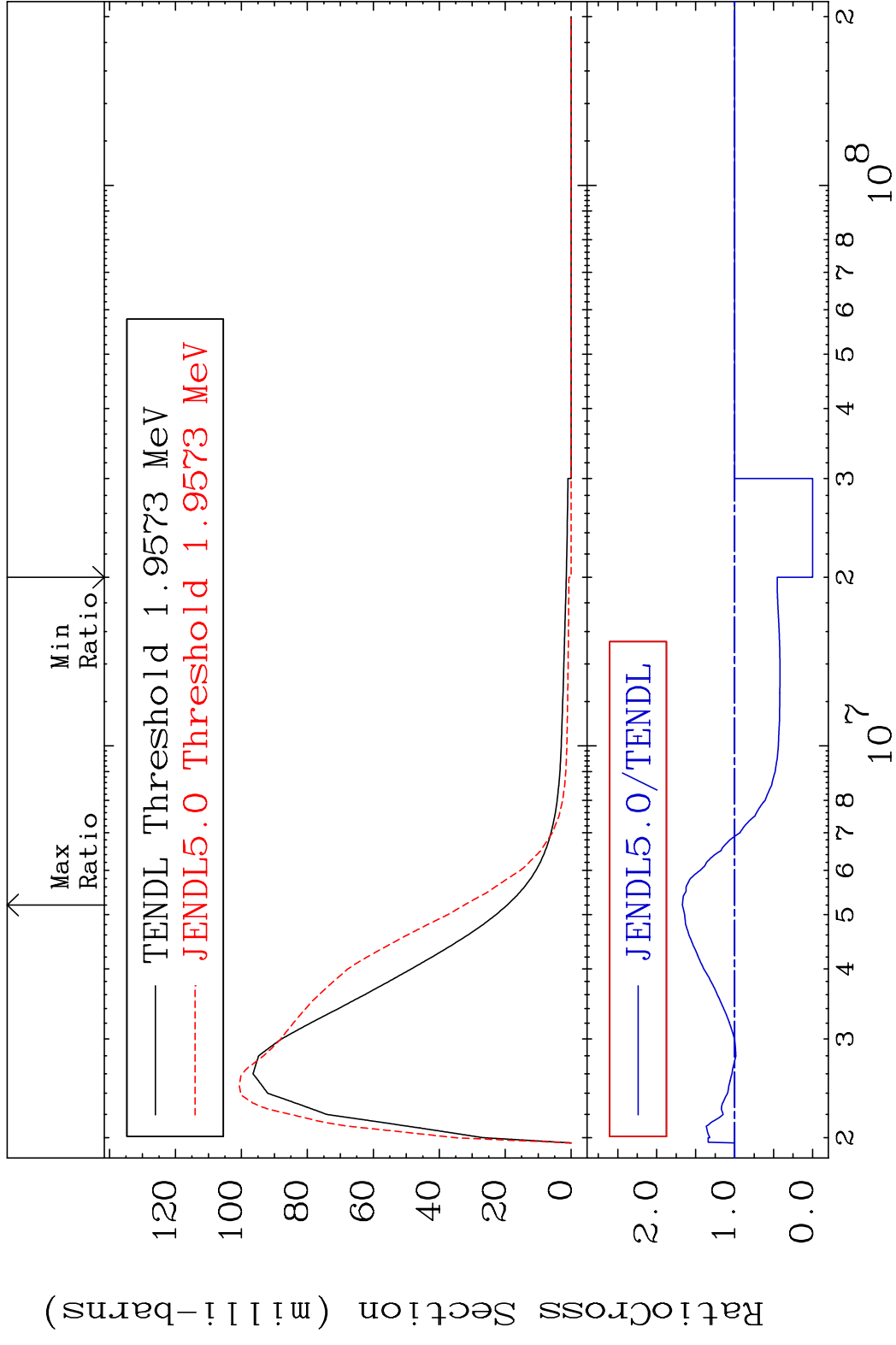


16 Incident Energy (eV) 80-Hg-204

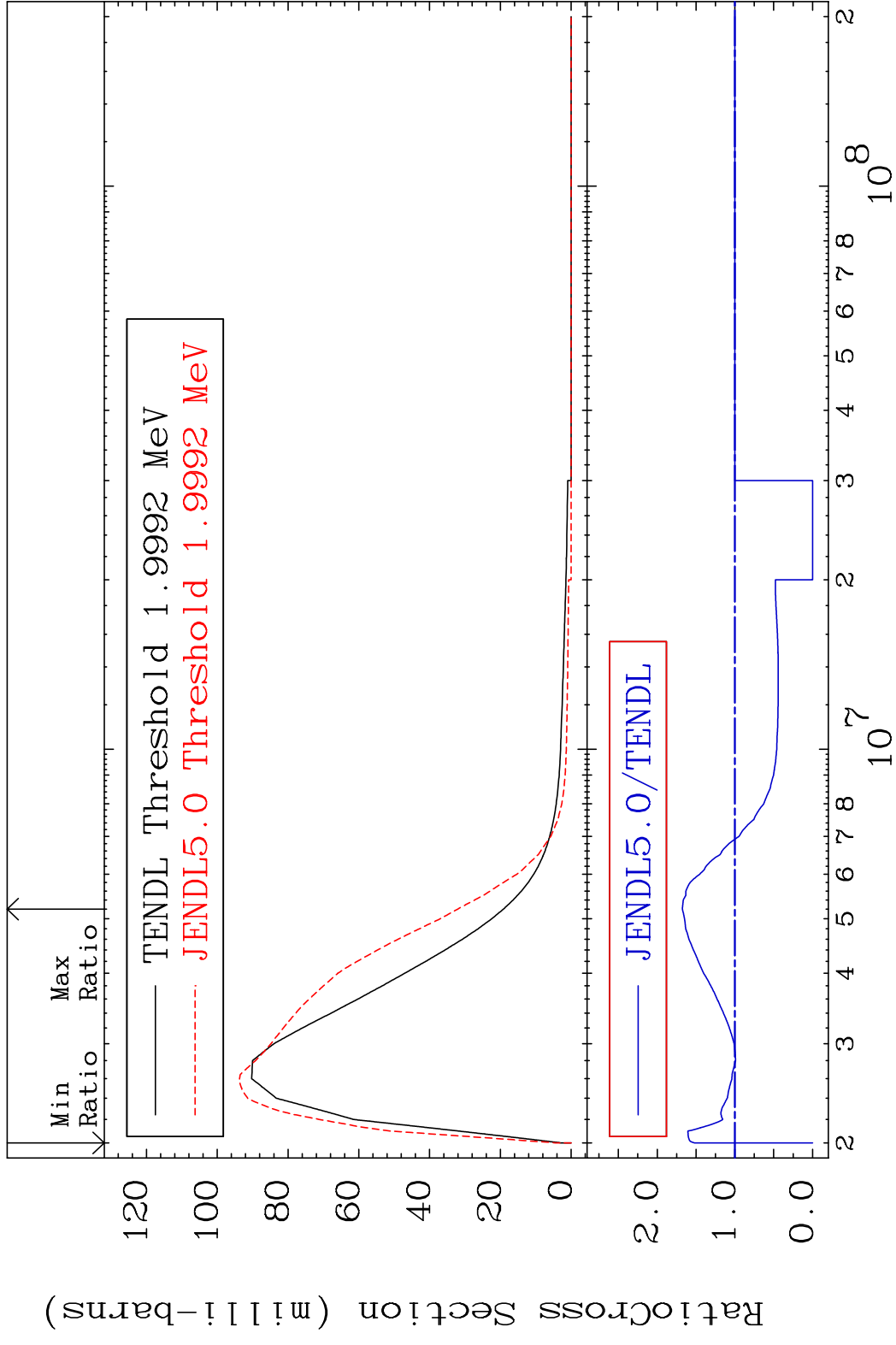
MAT 8049 MT= 57 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 9999. %



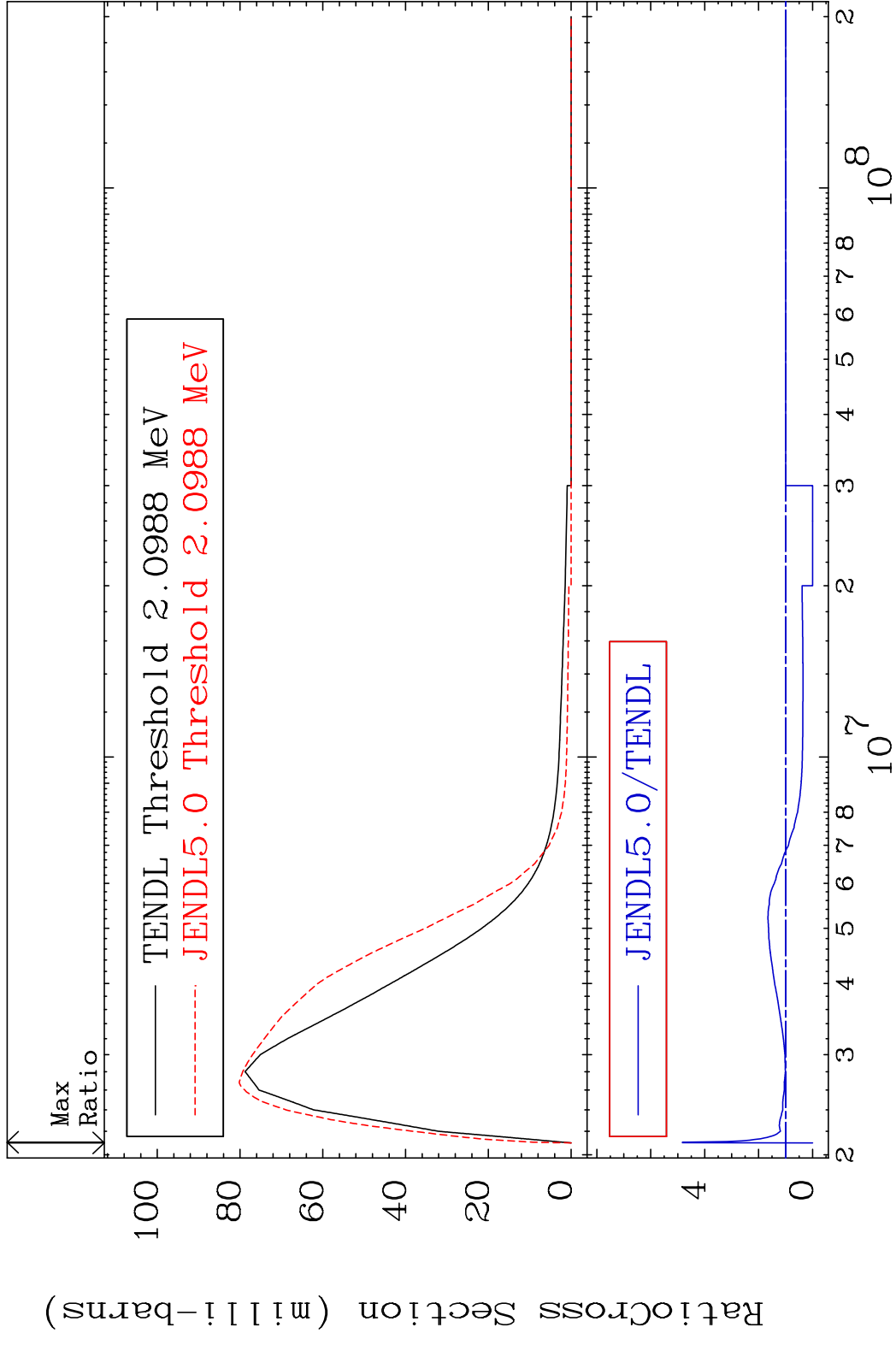
MAT 8049 MT= 58 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 67.10 %



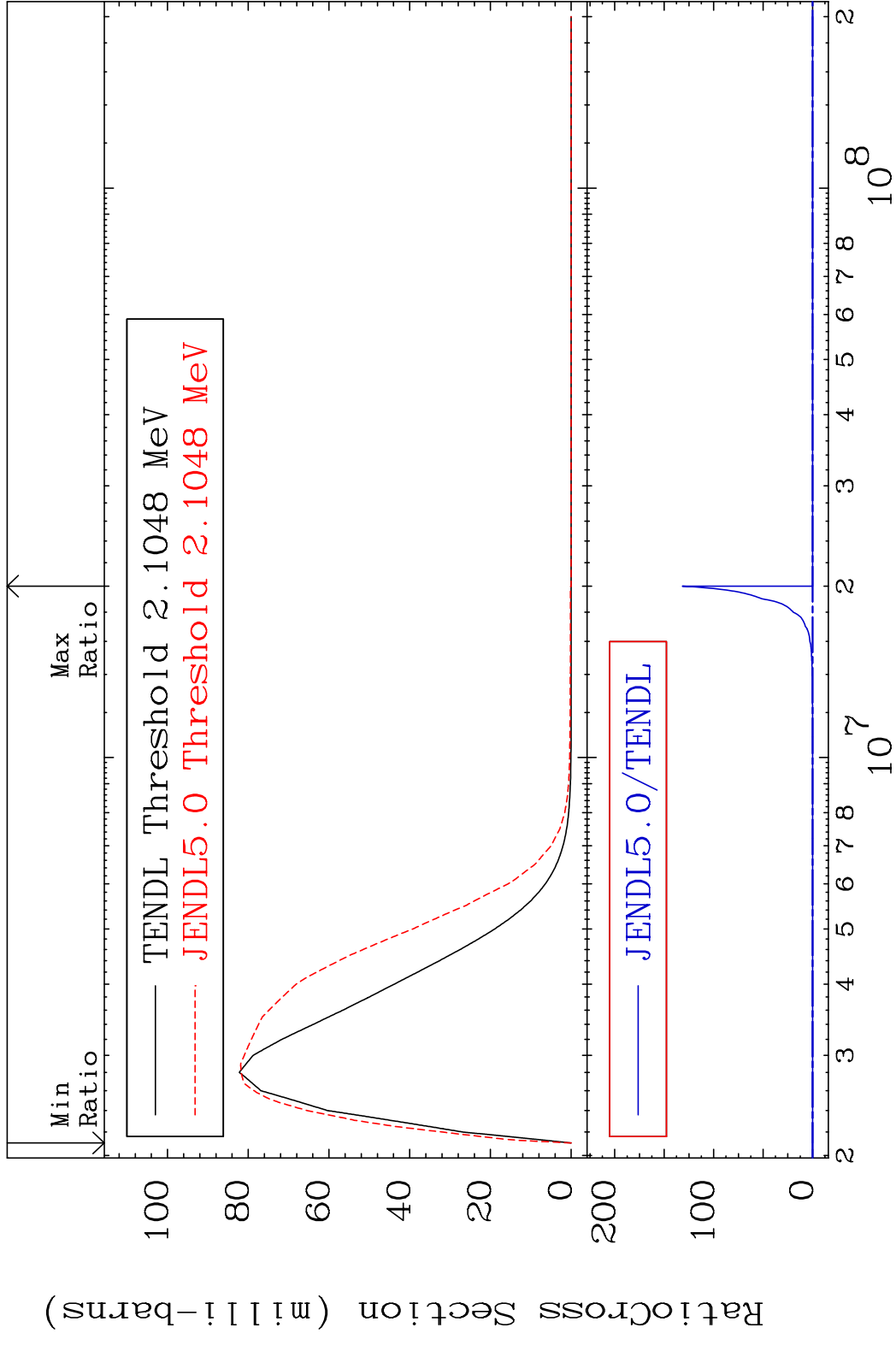
MAT 8049 MT= 59 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 67.62 %



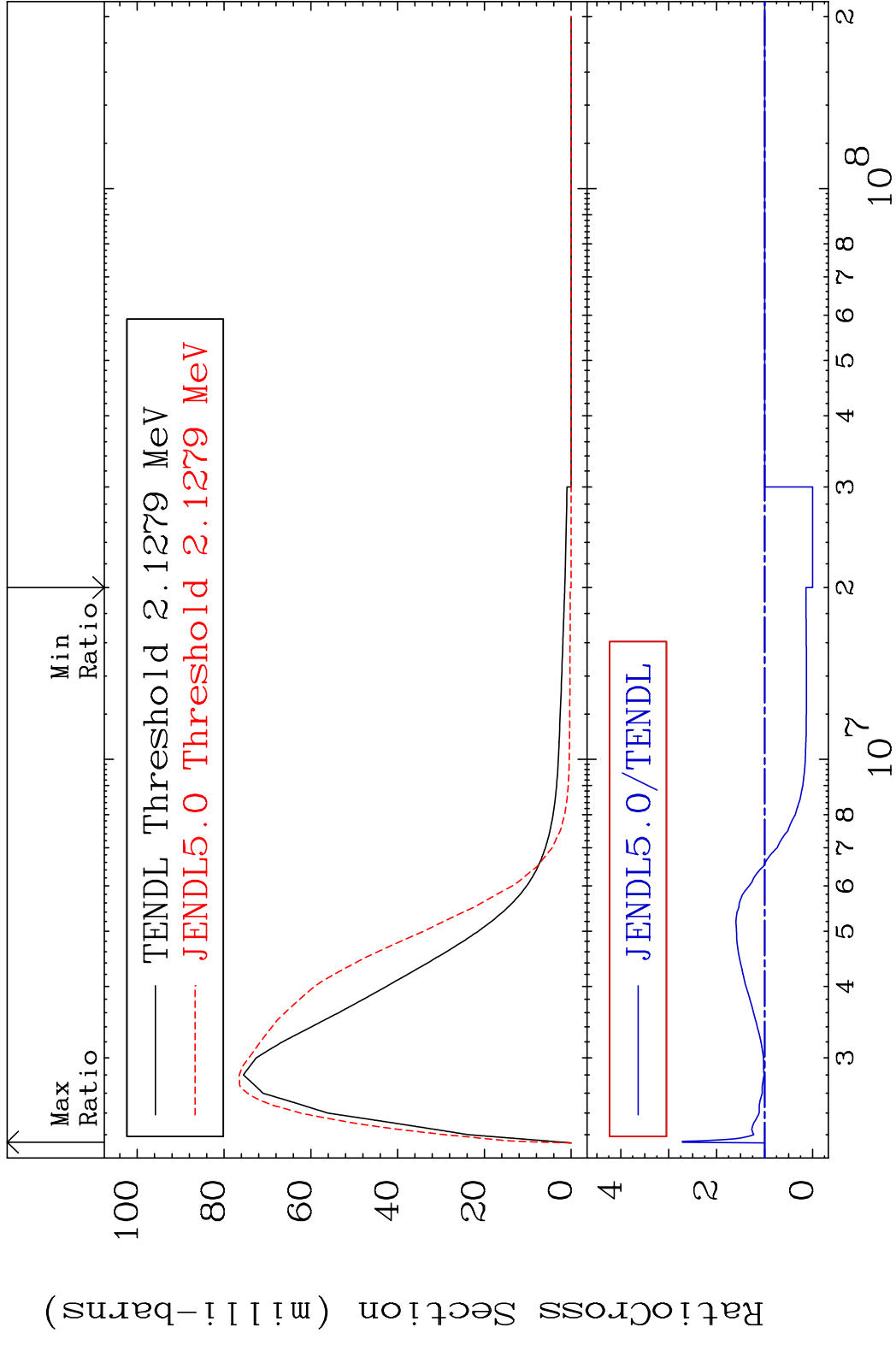
MAT 8049 MT= 60 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 382.8 %



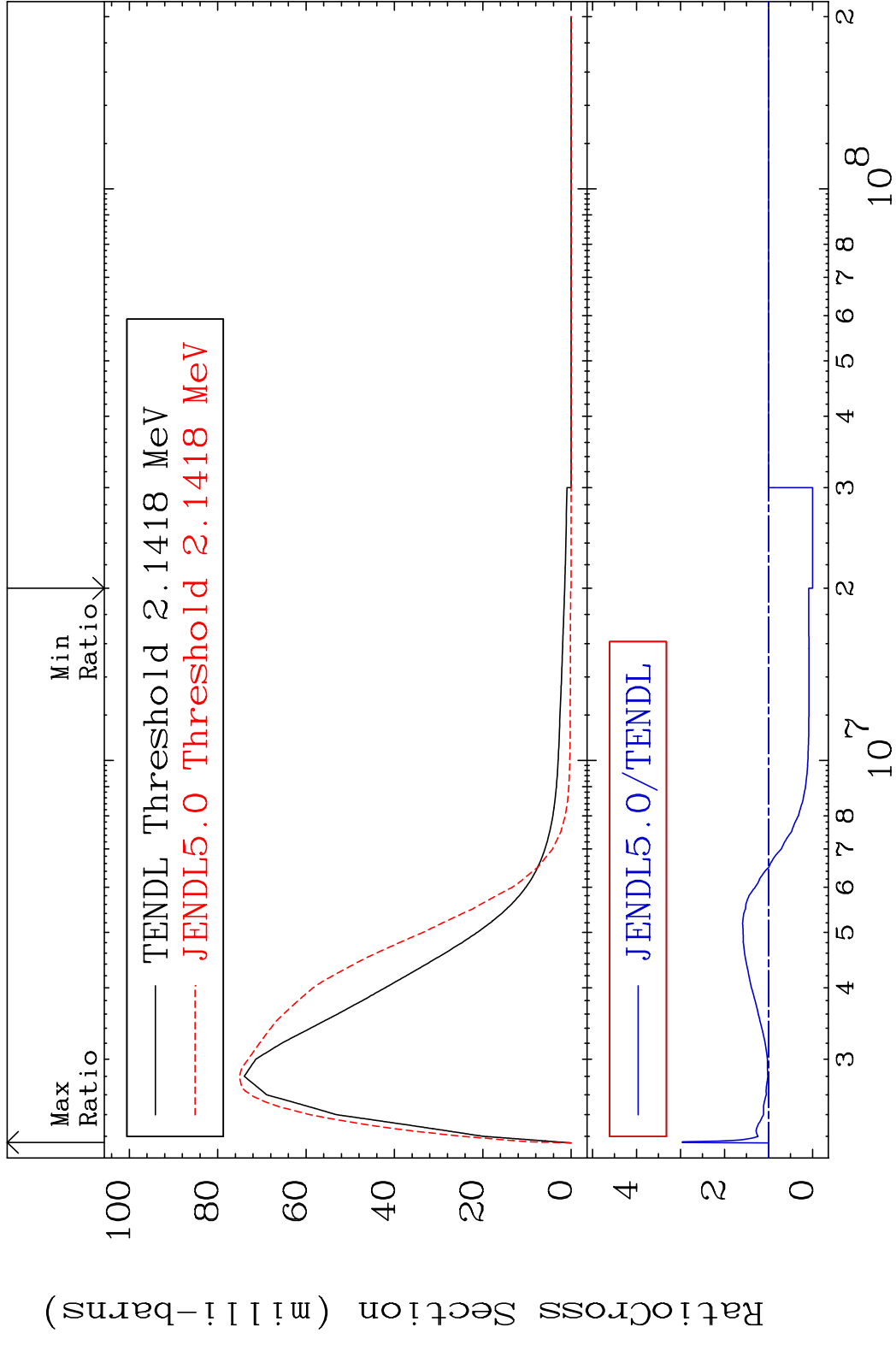
MAT 8049 MT= 61 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 9999. %



MAT 8049 MT= 62 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 171.6 %

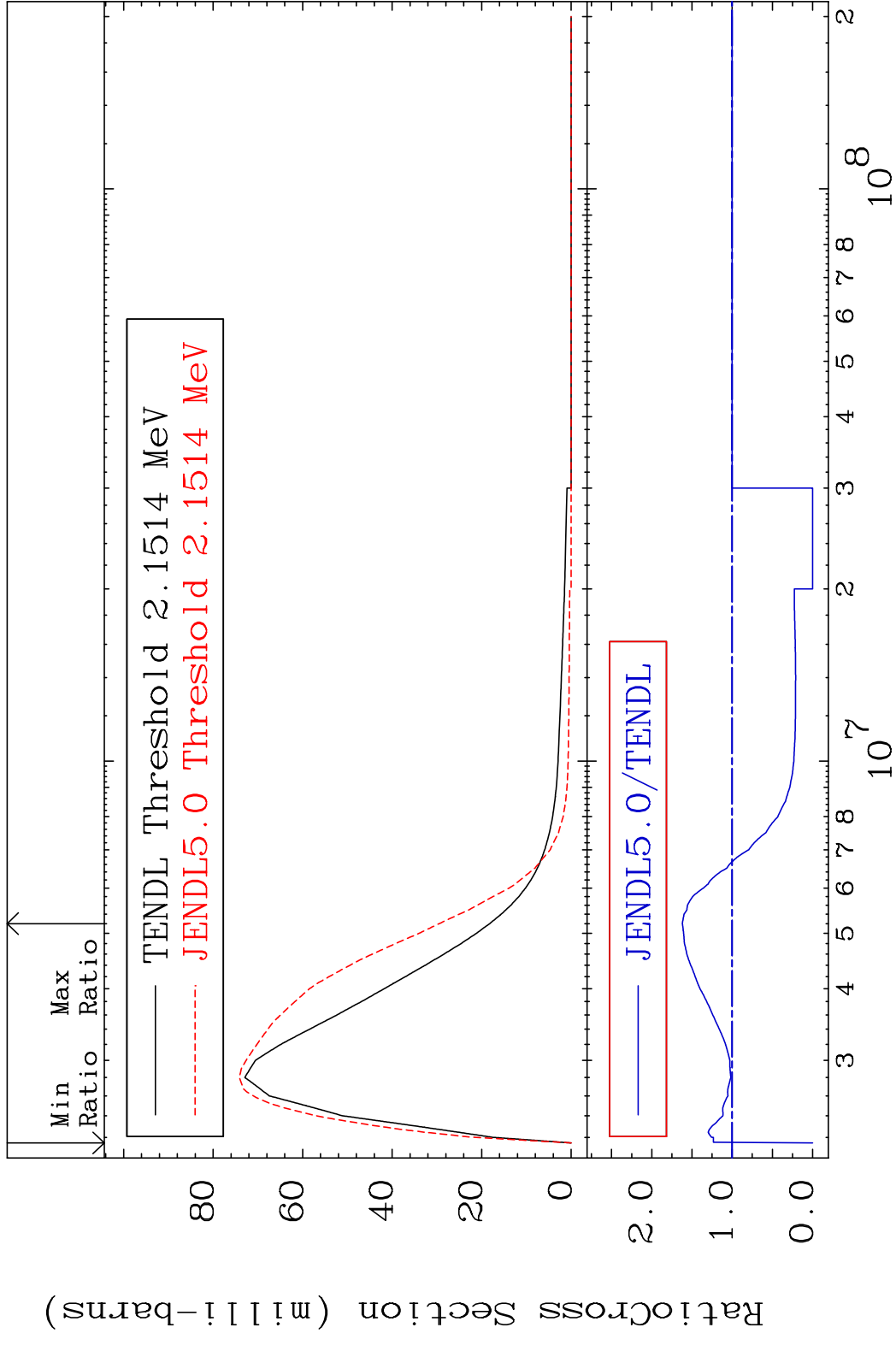


MAT 8049 MT= 63 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 195.8 %

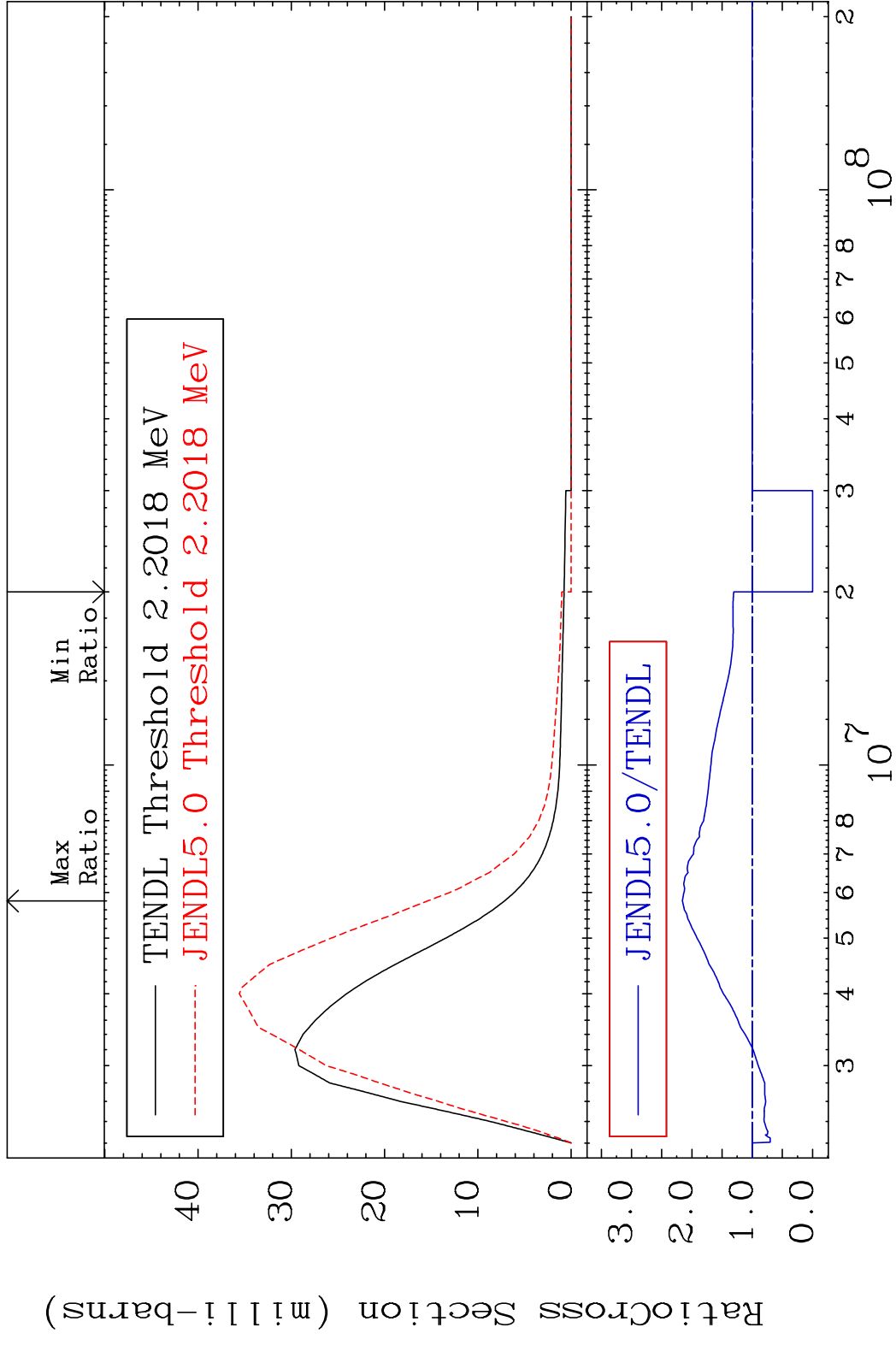




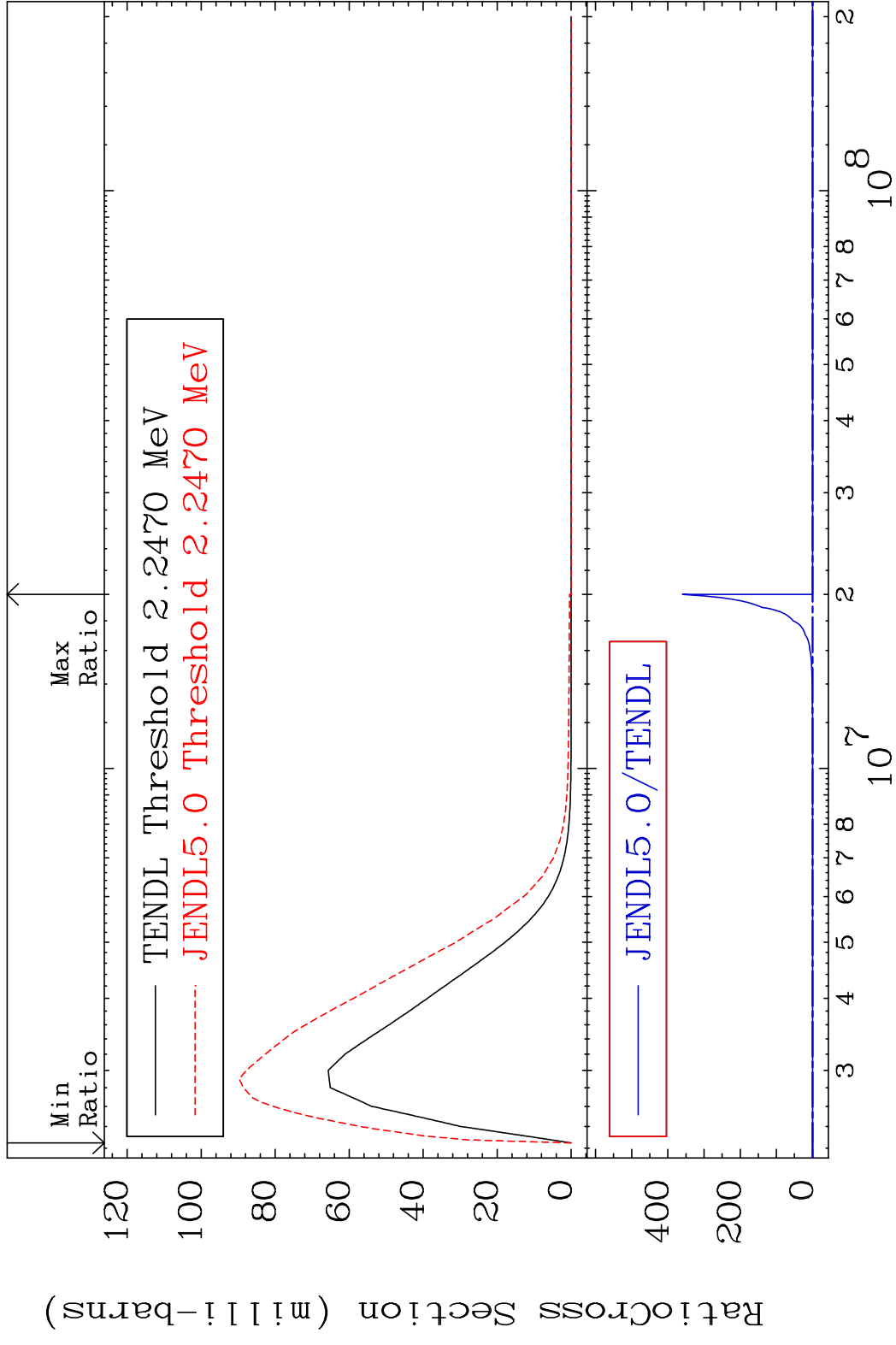
MAT 8049 MT= 64 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 61.94 %



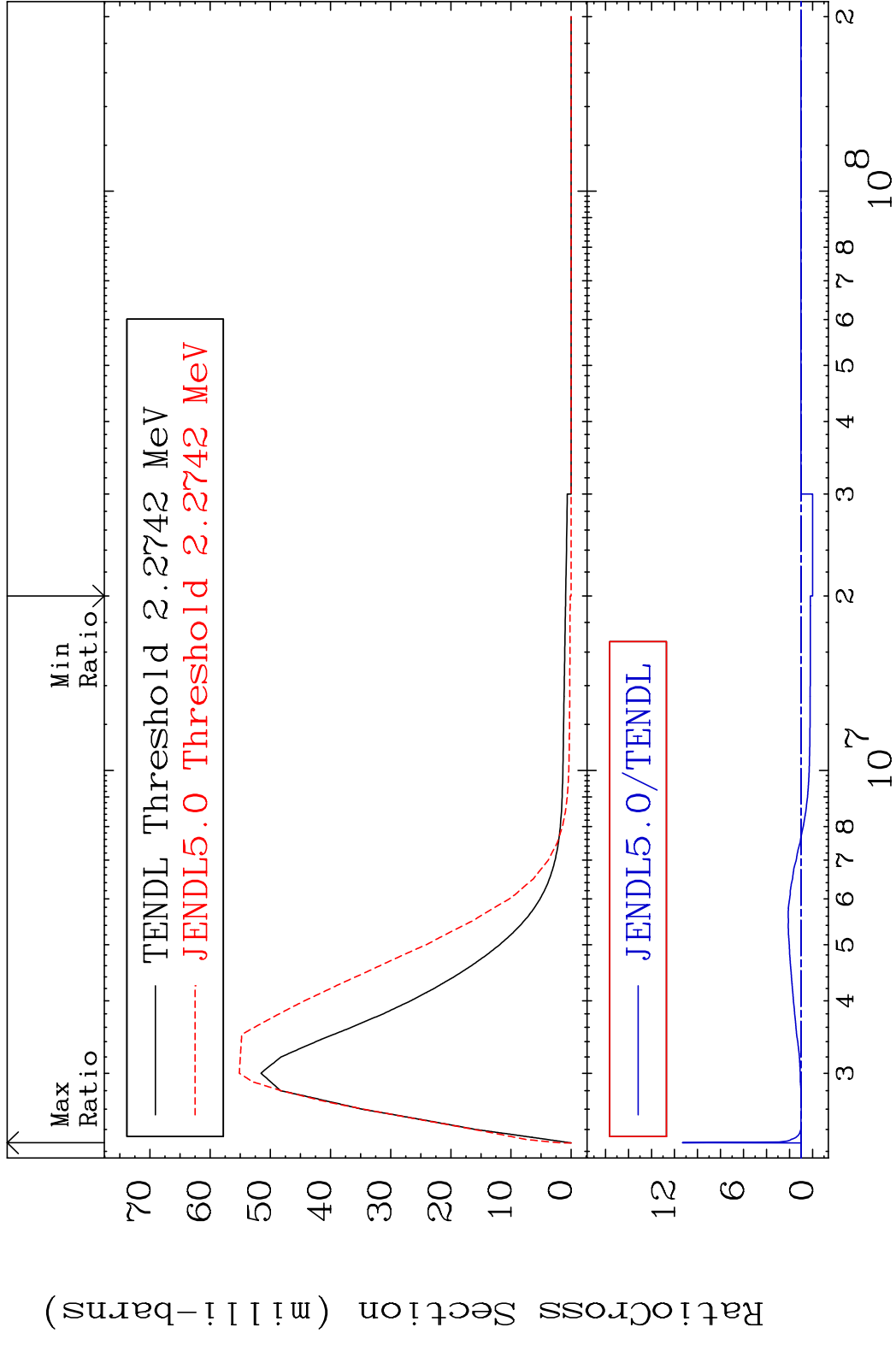
MAT 8049 MT= 65 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 115.7 %



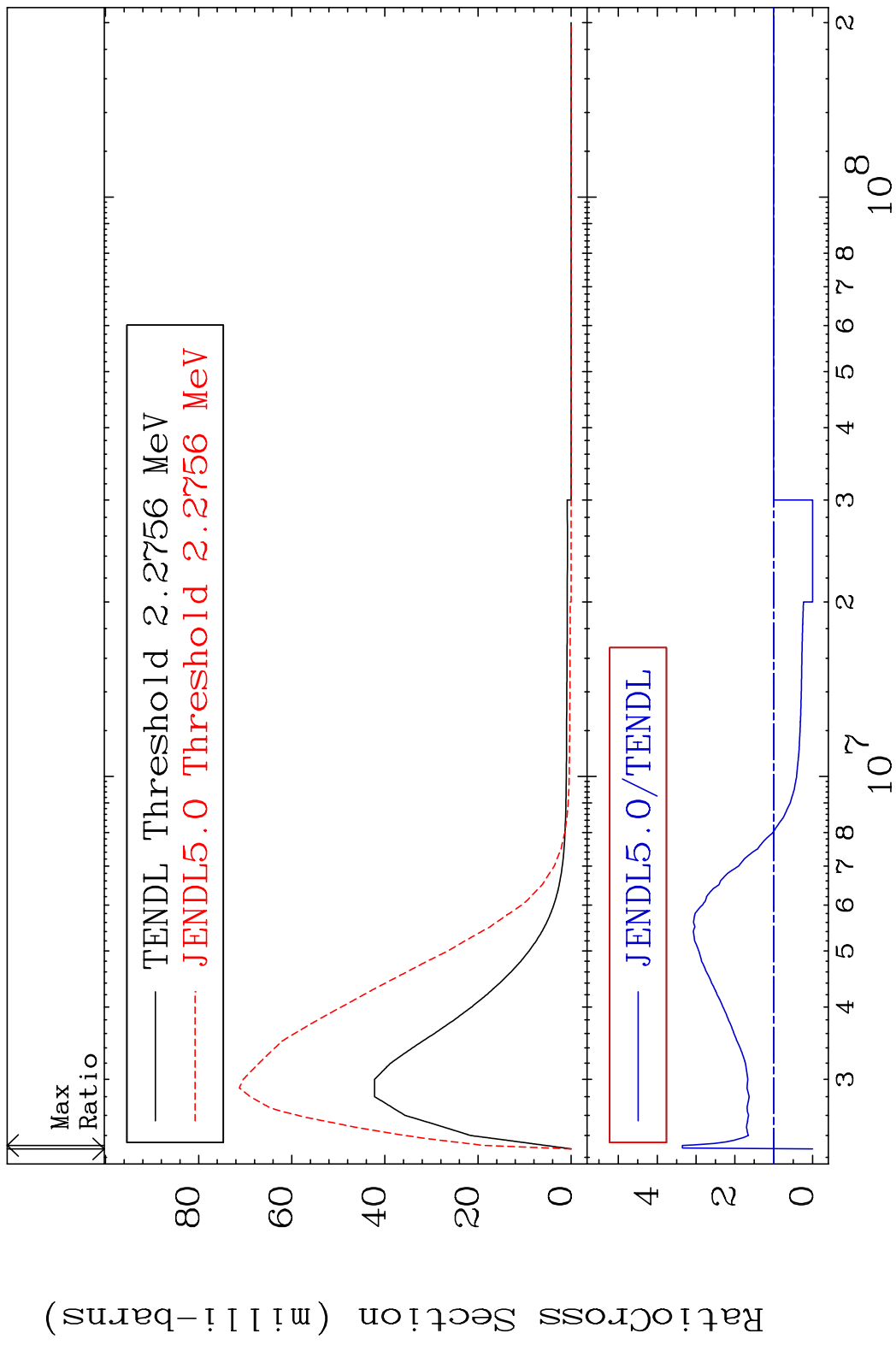
MAT 8049 MT= 66 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 9999. %



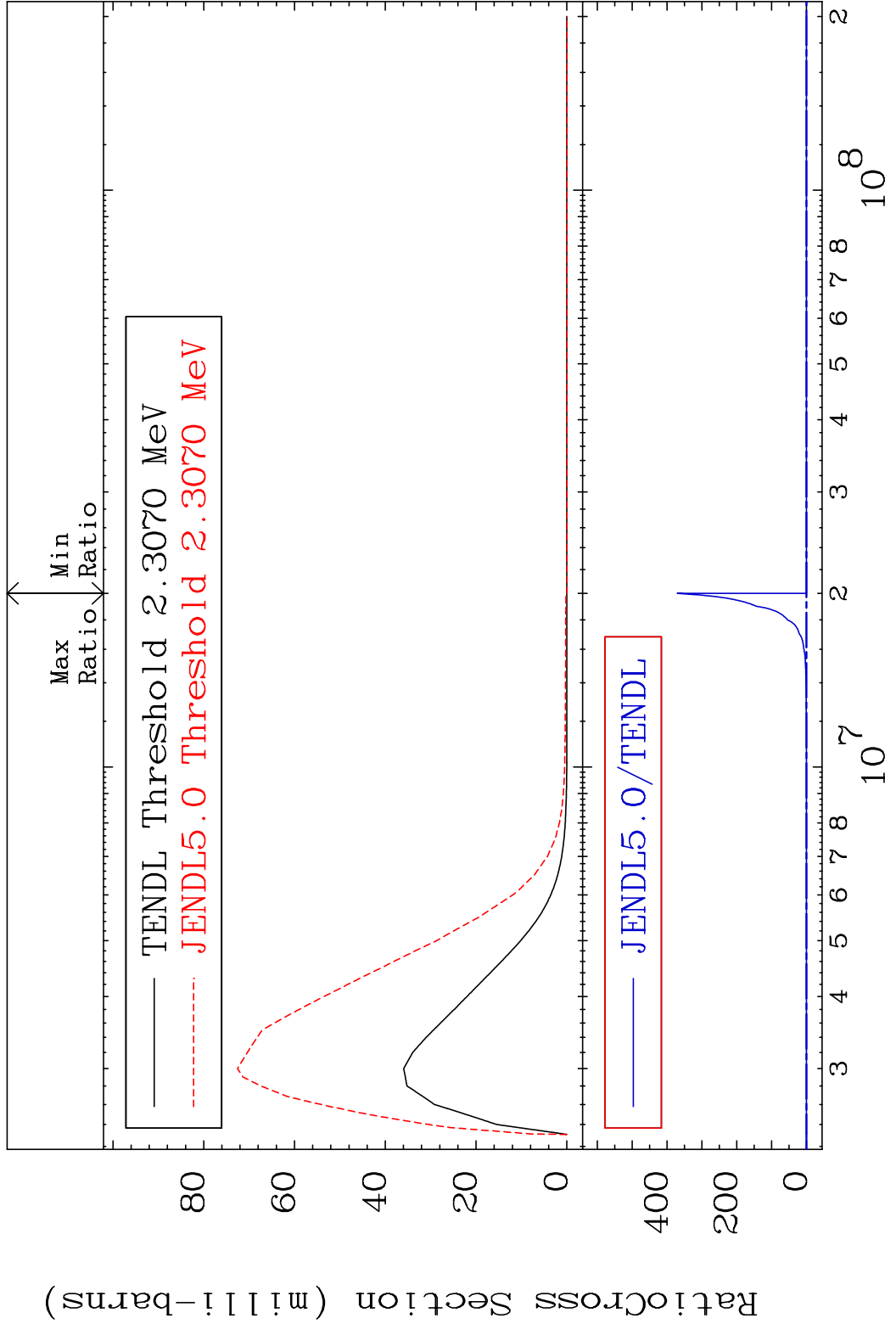
MAT 8049 MT= 67 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 1032. %



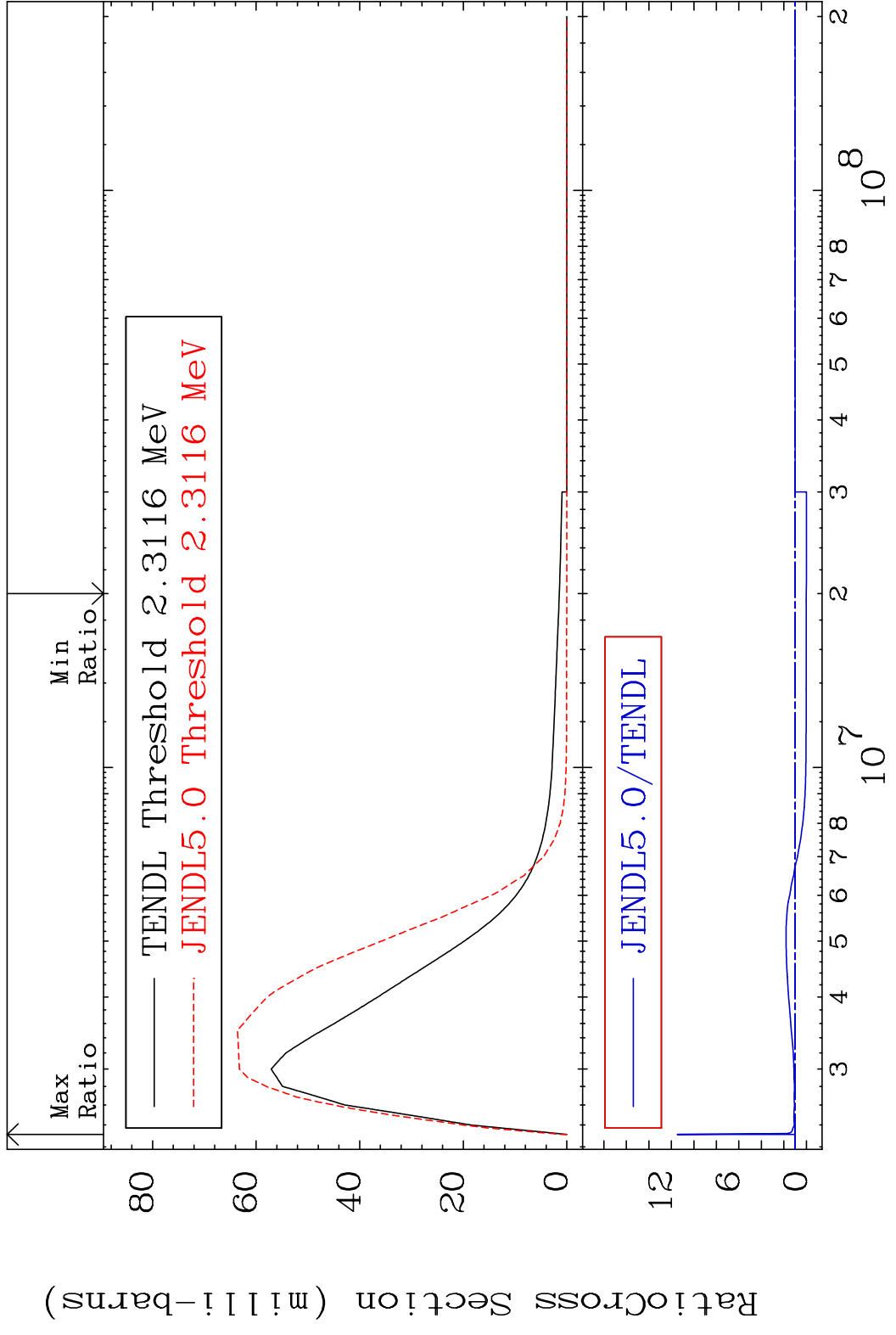
MAT 8049      MT= 68 (n, n') Level      80-Hg-204  
 Cross Section    -100.0 To 235.2 %



MAT 8049 MT= 69 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 9999. %

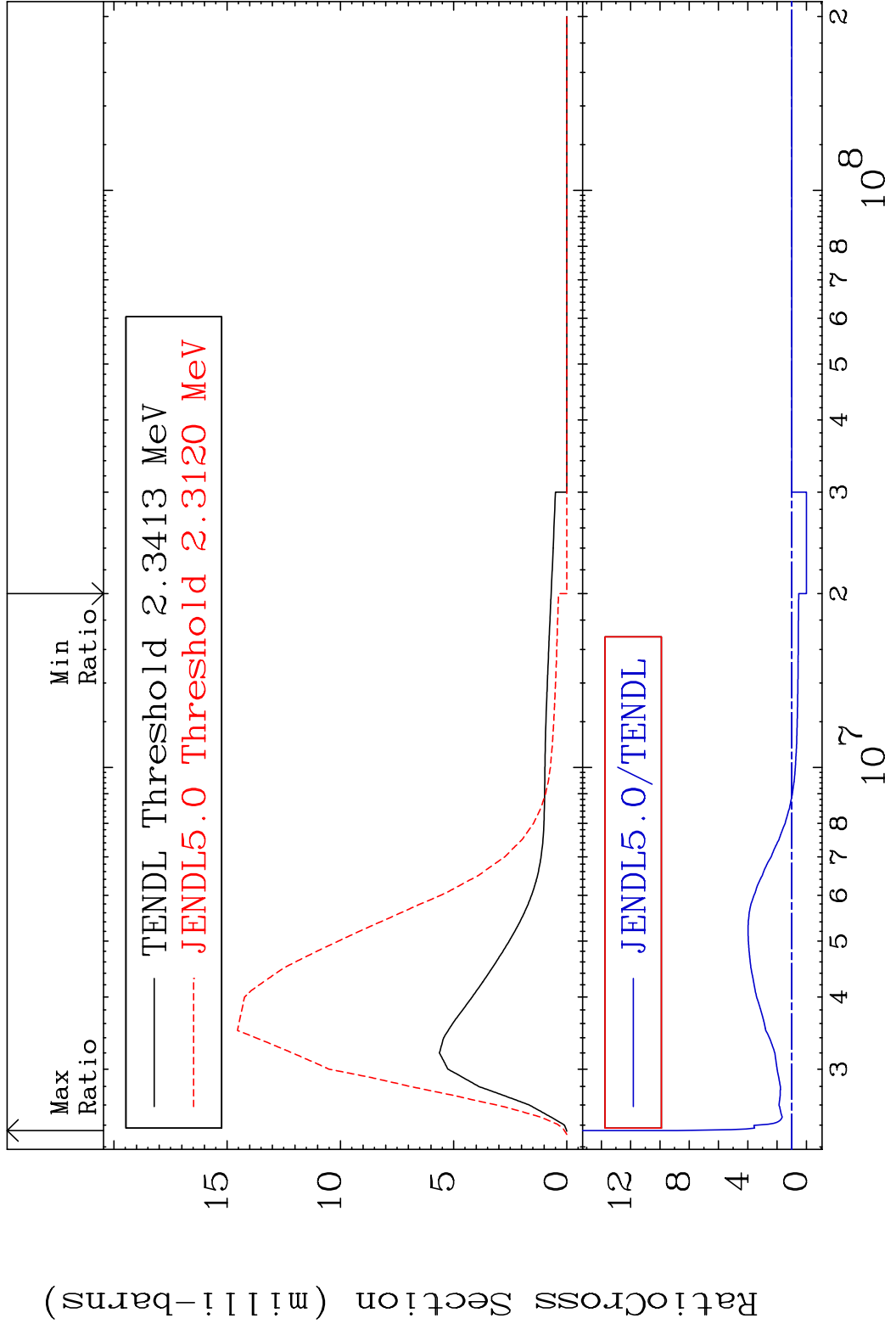


MAT 8049 MT= 70 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 1048. %



30 80-Hg-204

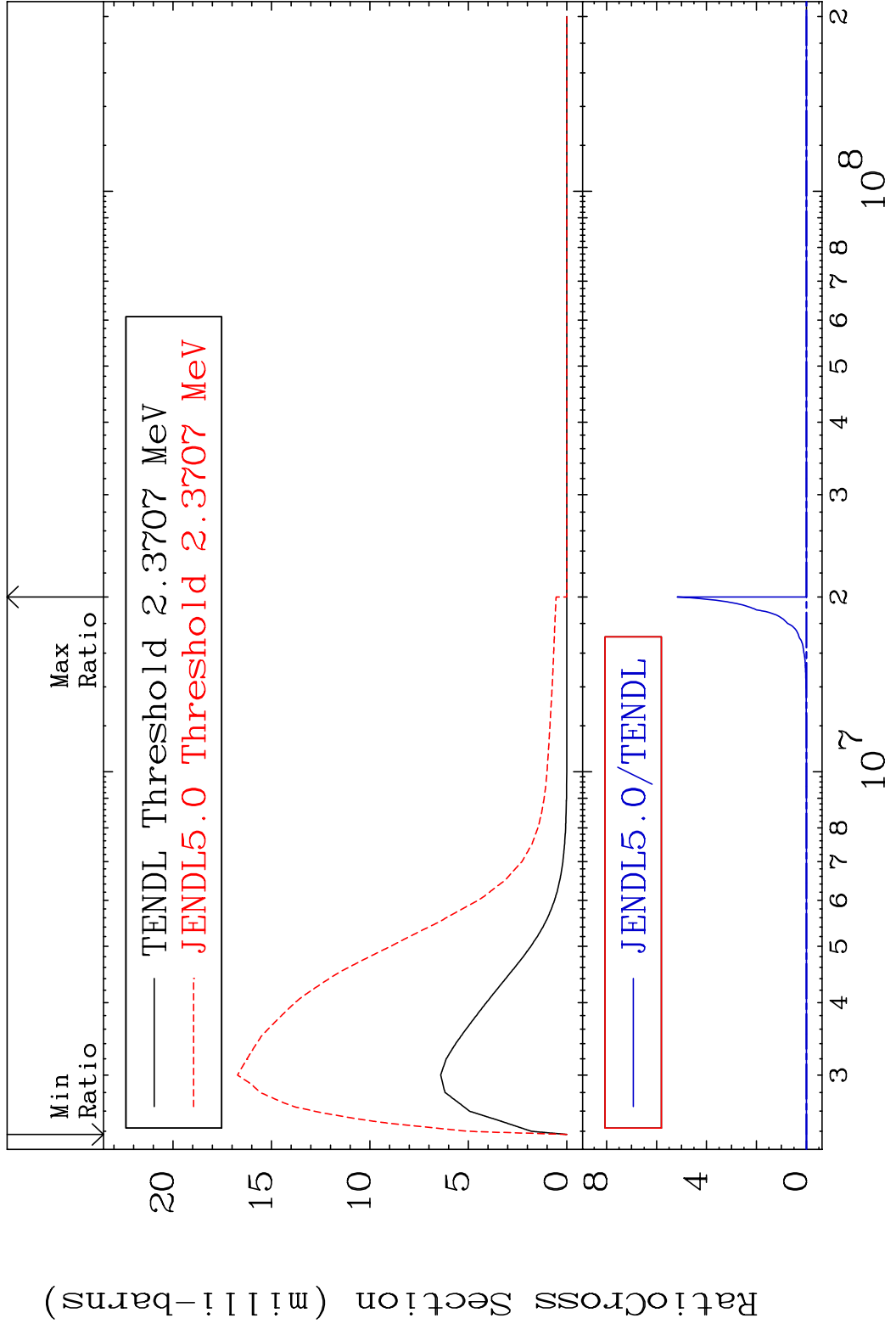
MAT 8049 MT= 71 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 782.1 %



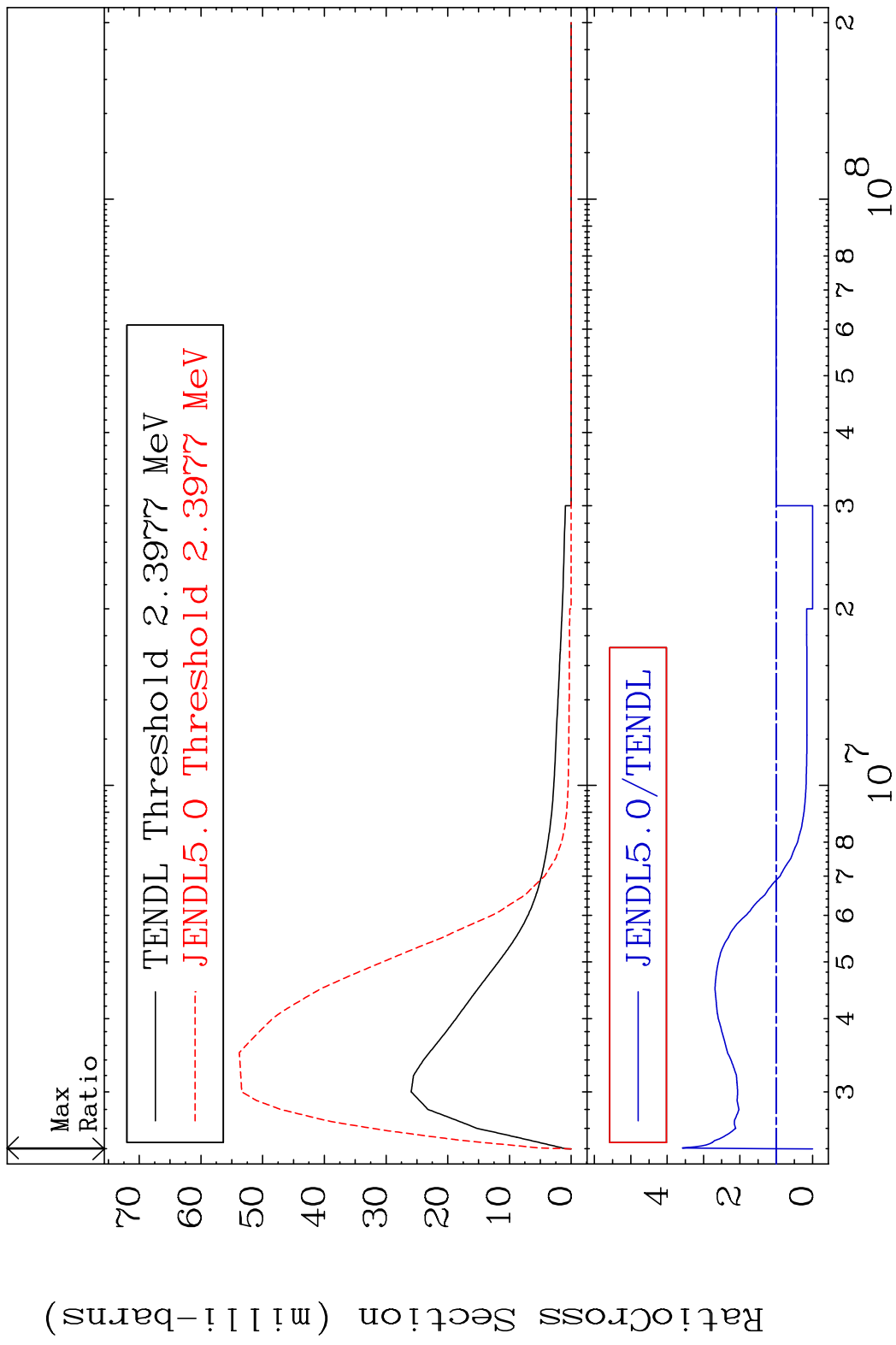
31 Incident Energy (eV) 80-Hg-204



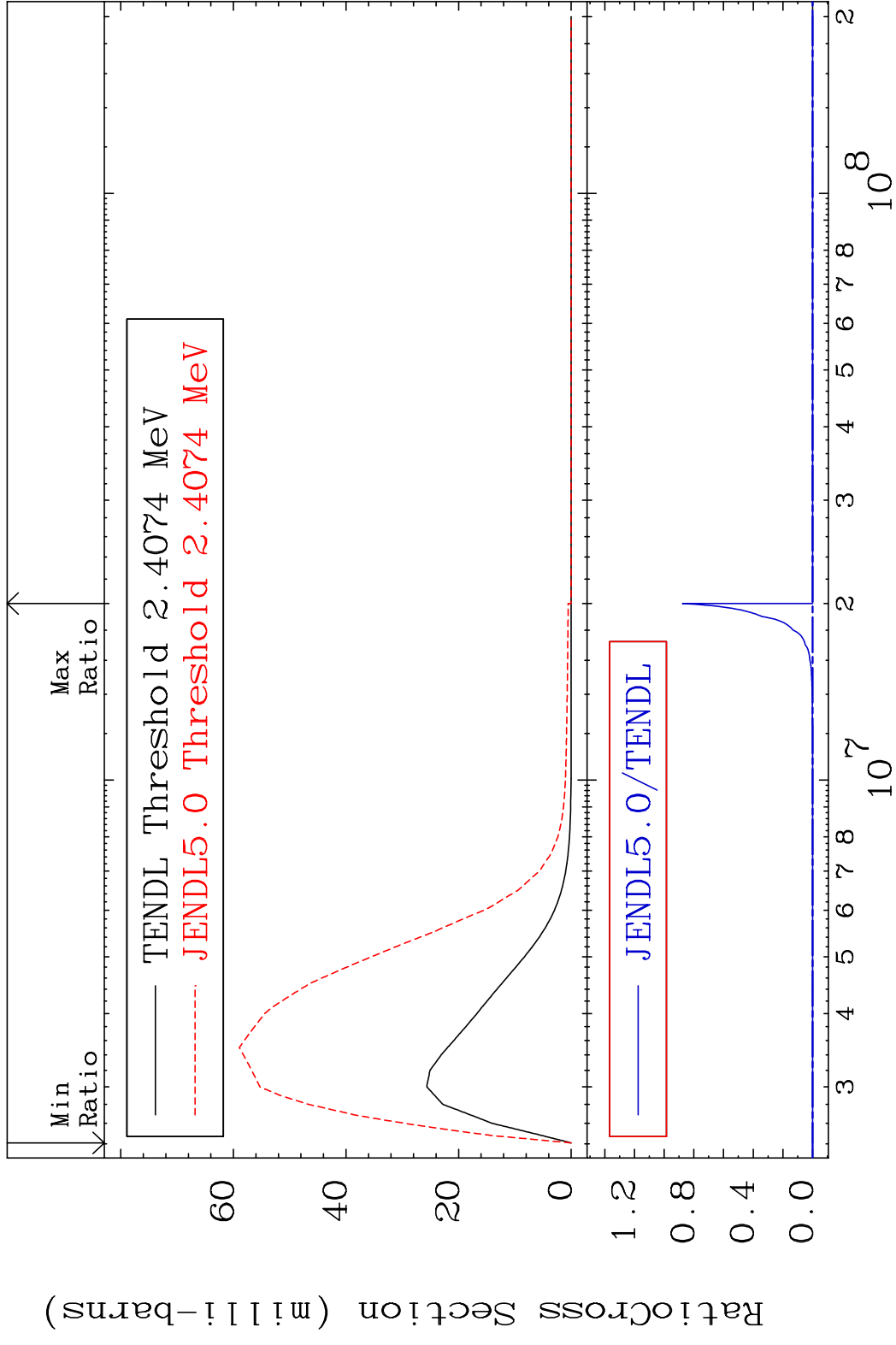
MAT 8049 MT= 72 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 9999. %



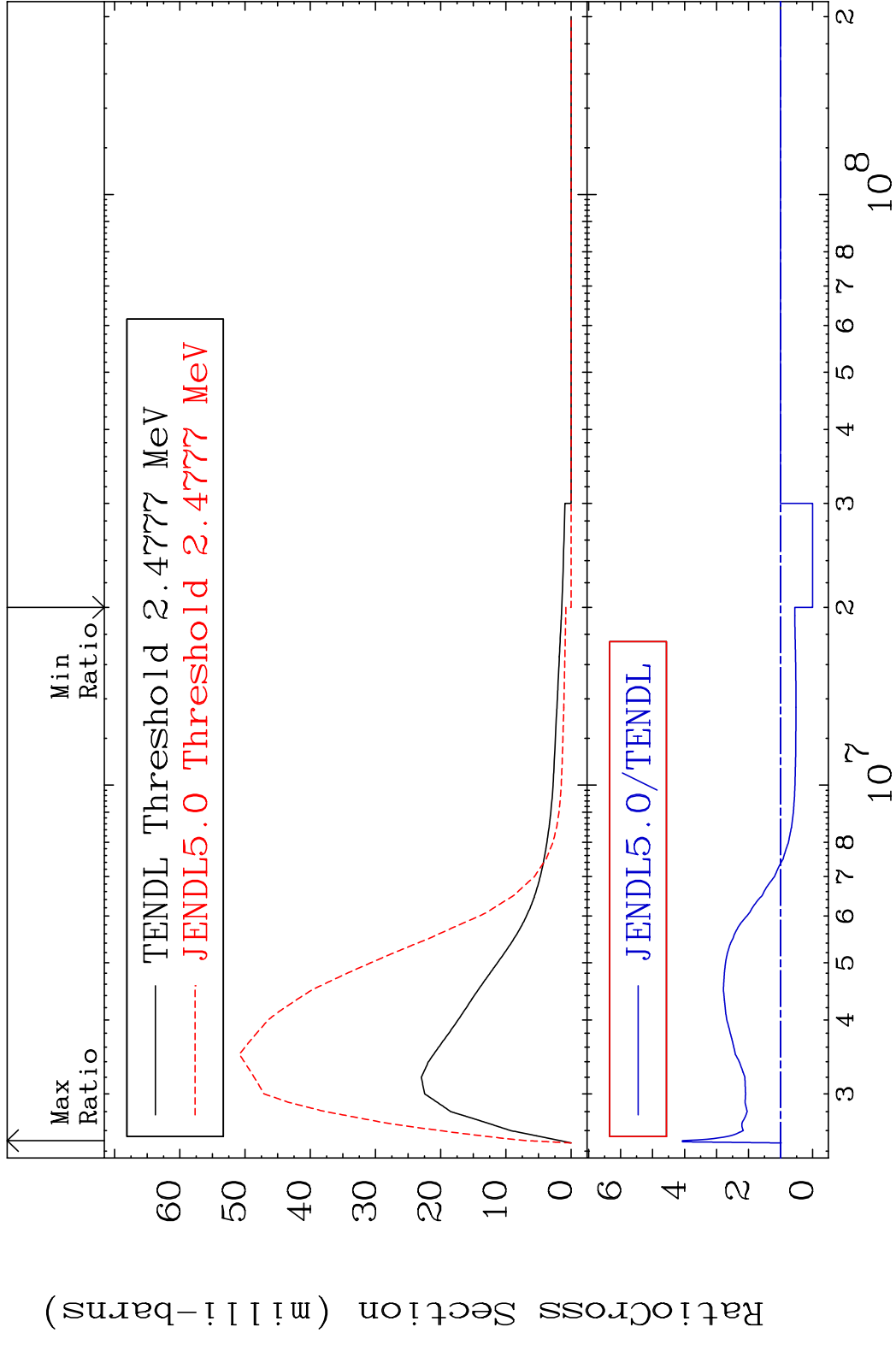
MAT 8049      MT= 73 (n, n') Level      80-Hg-204  
 Cross Section    -100.0 To 258.2 %



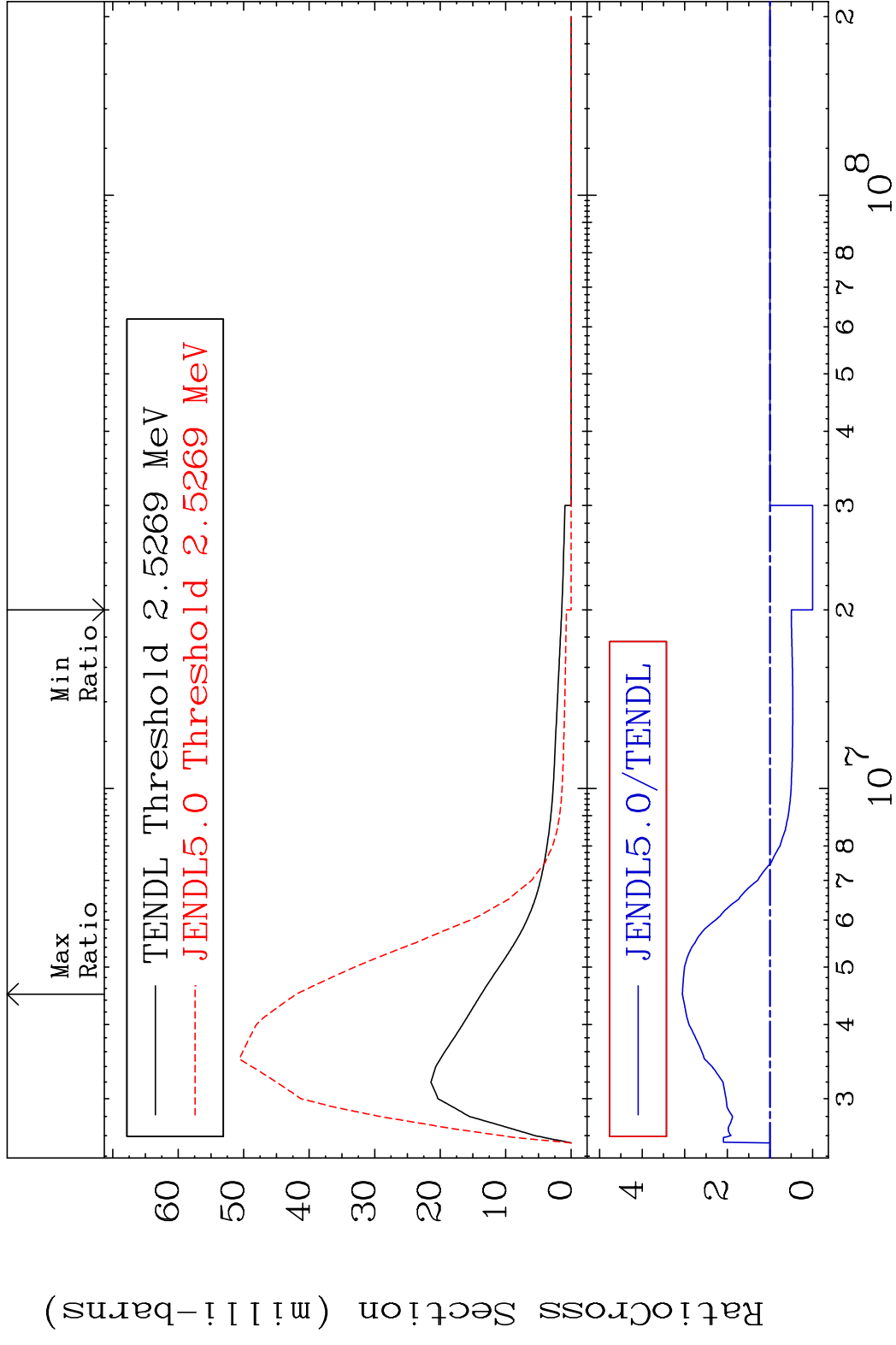
MAT 8049 MT= 74 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 9999. %



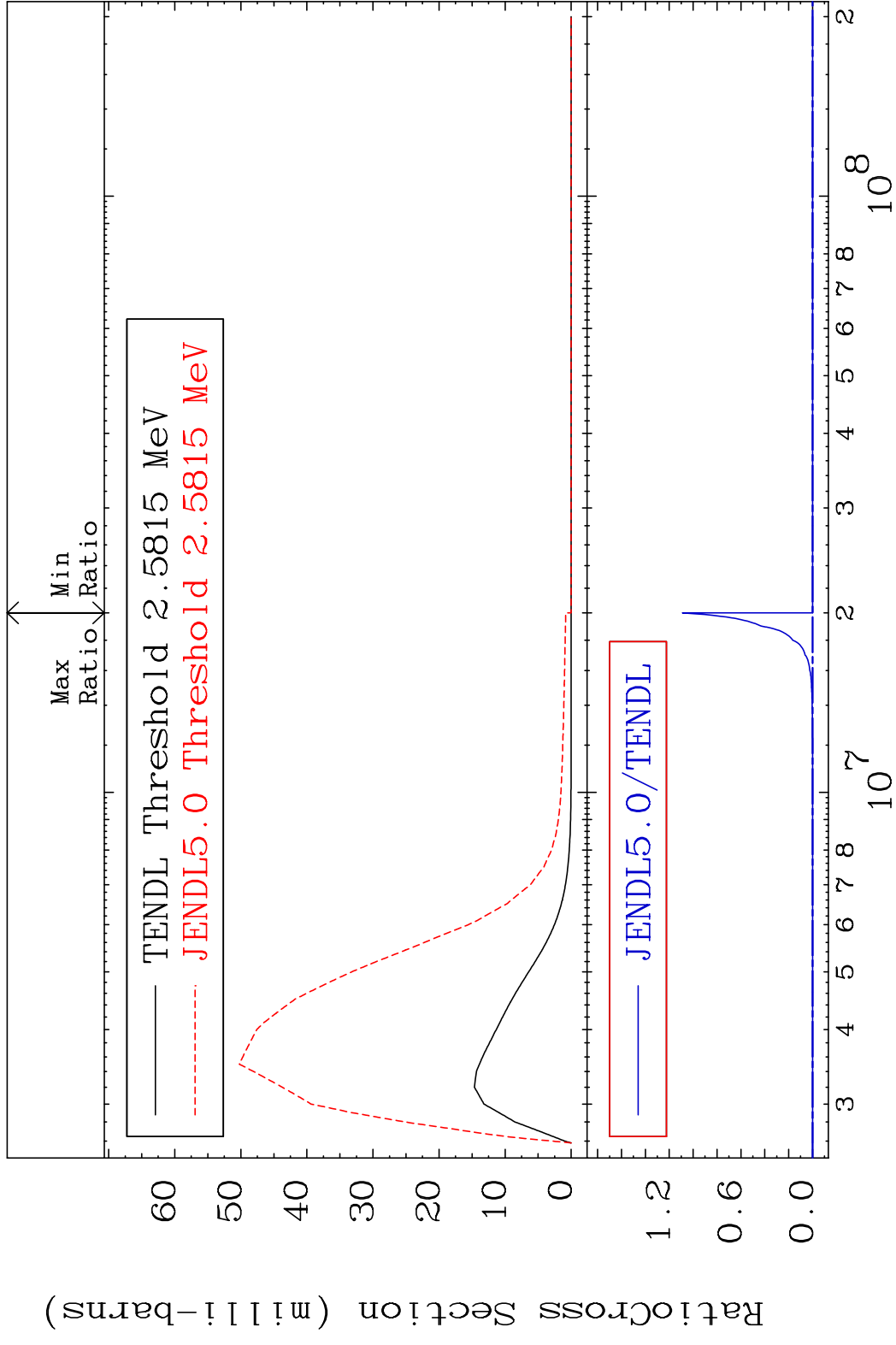
MAT 8049 MT= 75 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 307.0 %



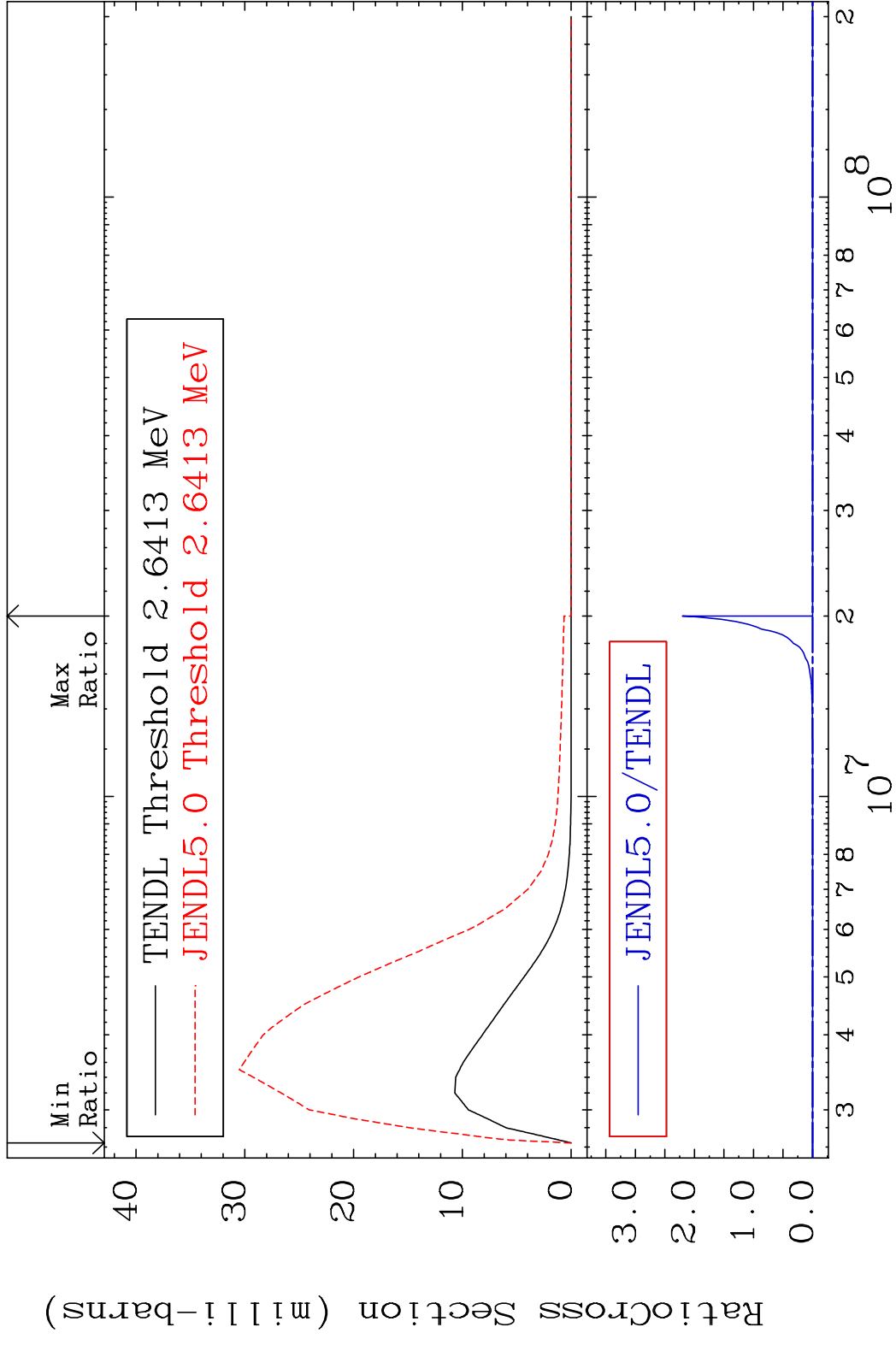
MAT 8049 MT= 76 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 205.6 %



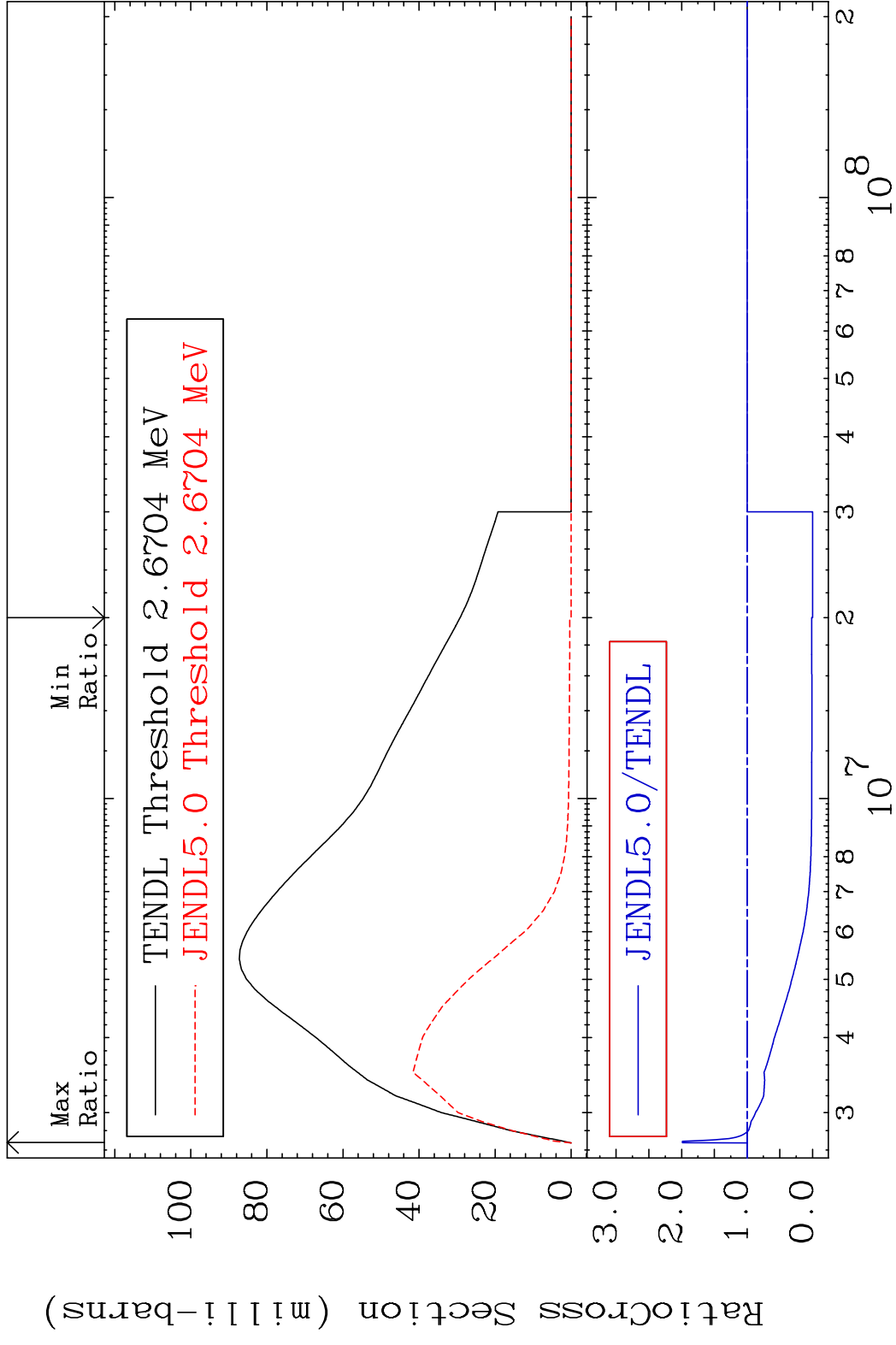
MAT 8049 MT= 77 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 9999. %



MAT 8049 MT= 78 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 9999. %

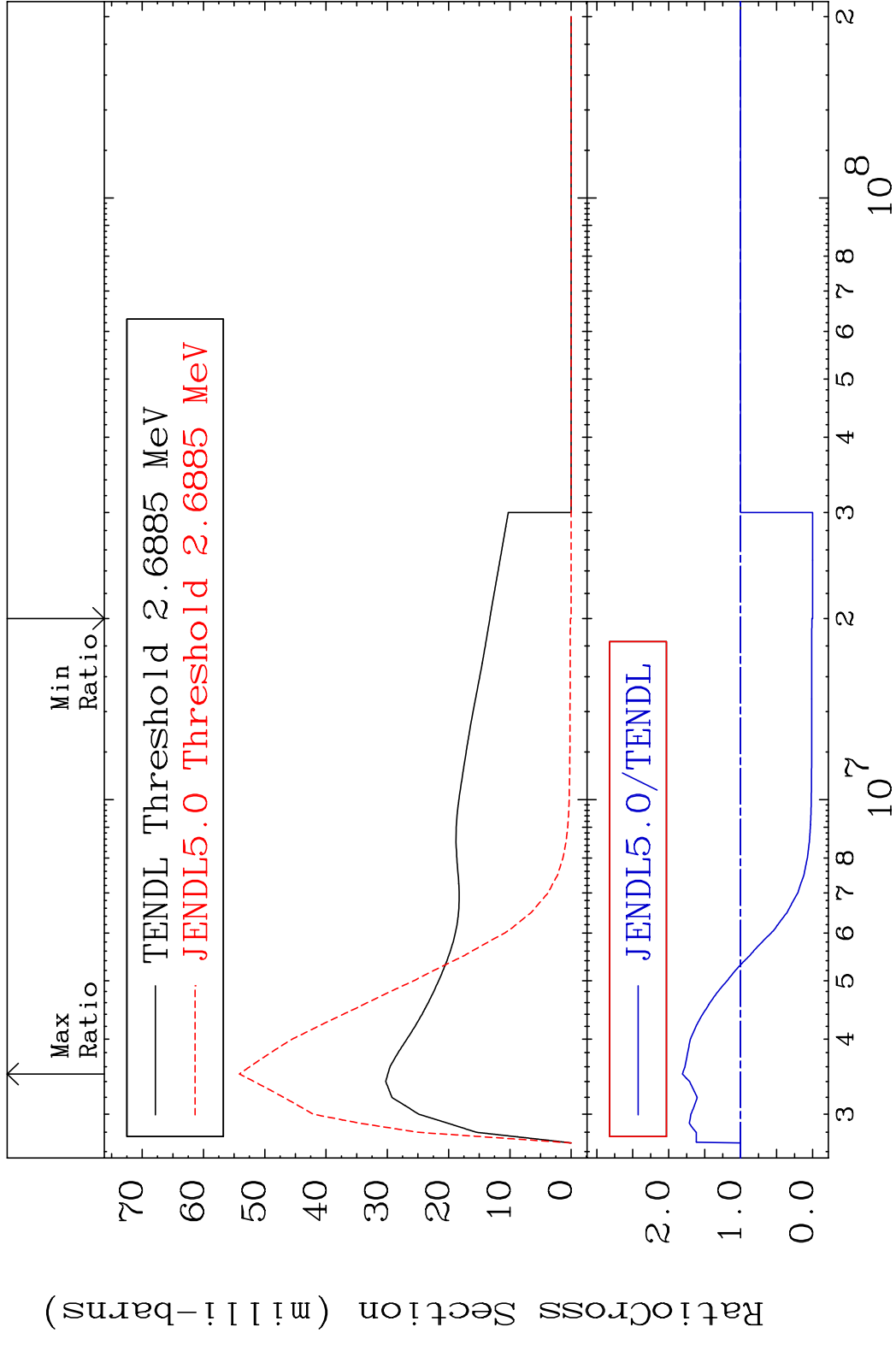


MAT 8049 MT= 79 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 98.84 %



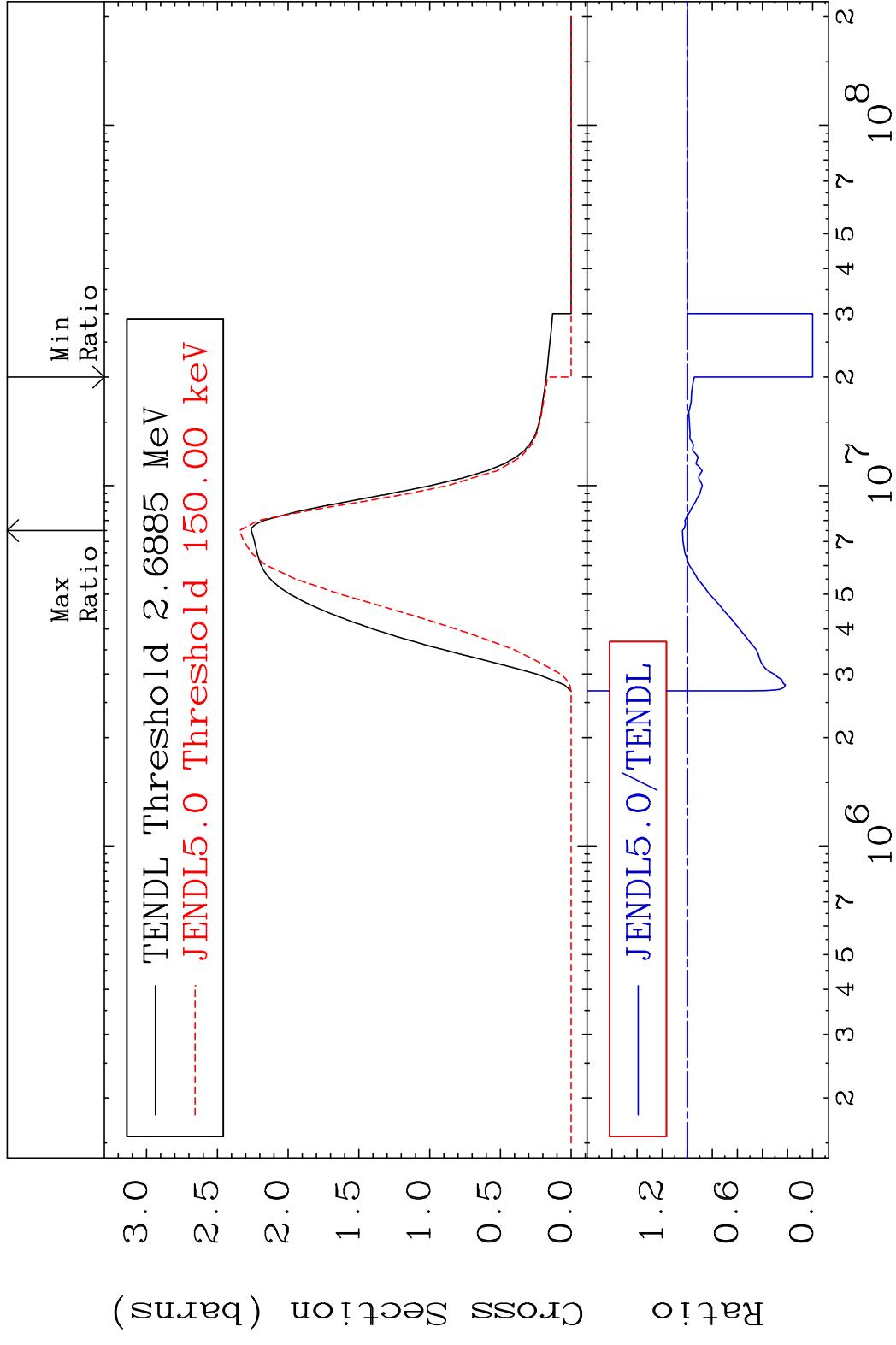


MAT 8049 MT= 80 (n, n') Level 80-Hg-204  
 Cross Section -100.0 To 81.03 %



40 3 4 5 6 7 8 10<sup>7</sup> 2 3 4 5 6 7 8 10<sup>8</sup> 2

MAT 8049 (n, n') Continuum 80-Hg-204  
 Cross Section -100.0 To 3.815 %

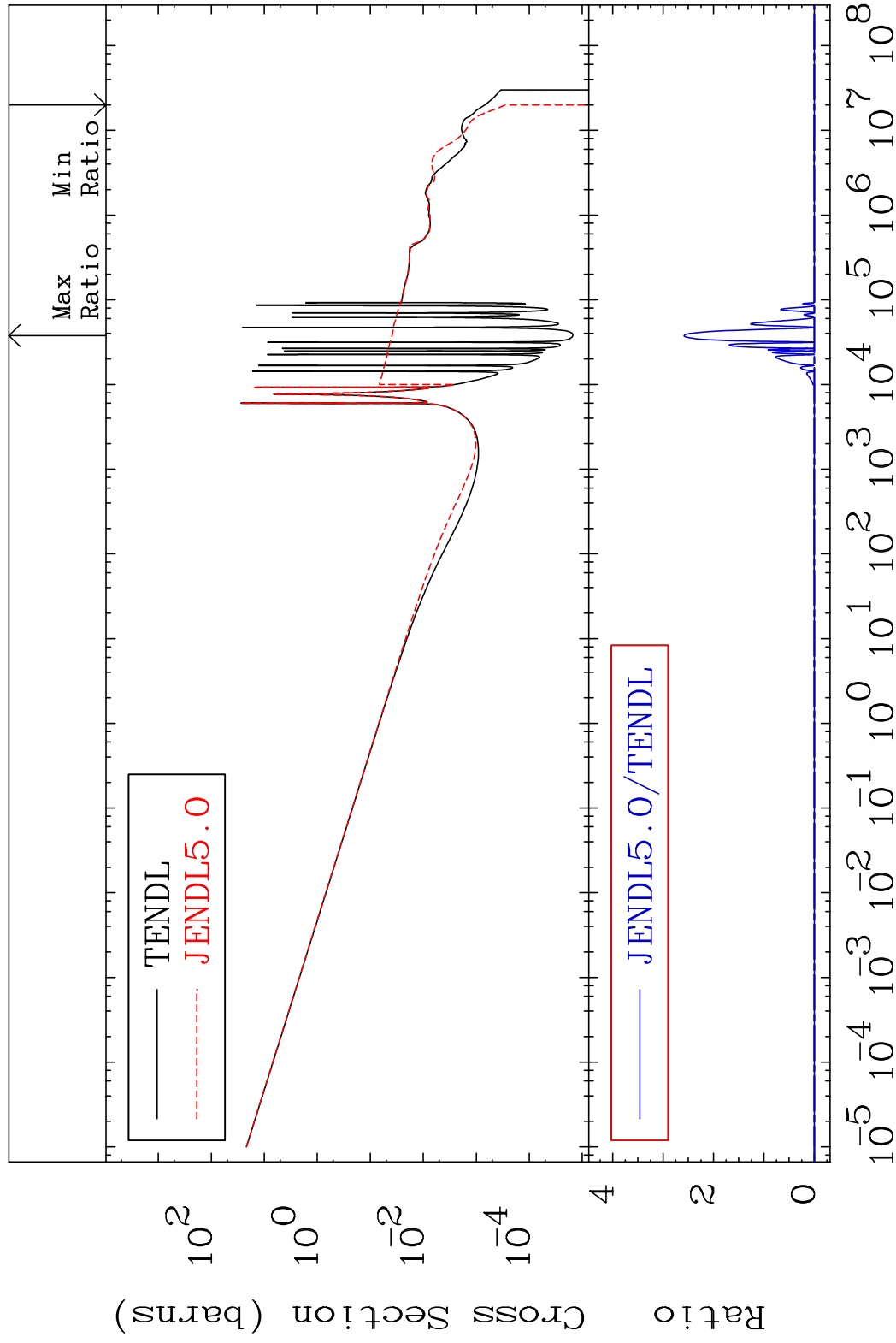


MAT 8049

(n,  $\gamma$ )

80-Hg-204

Cross Section -100.0 To 9999. %

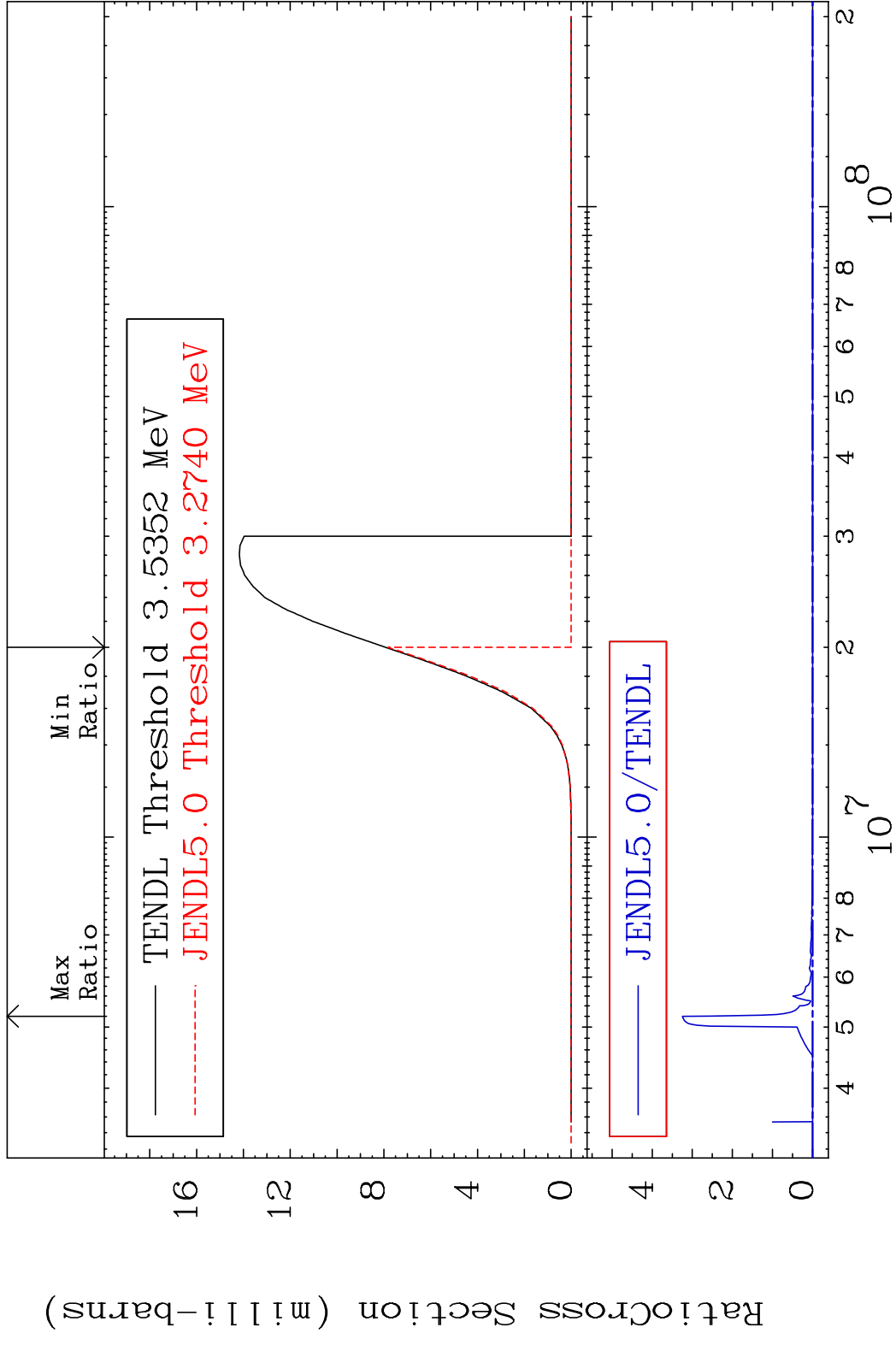


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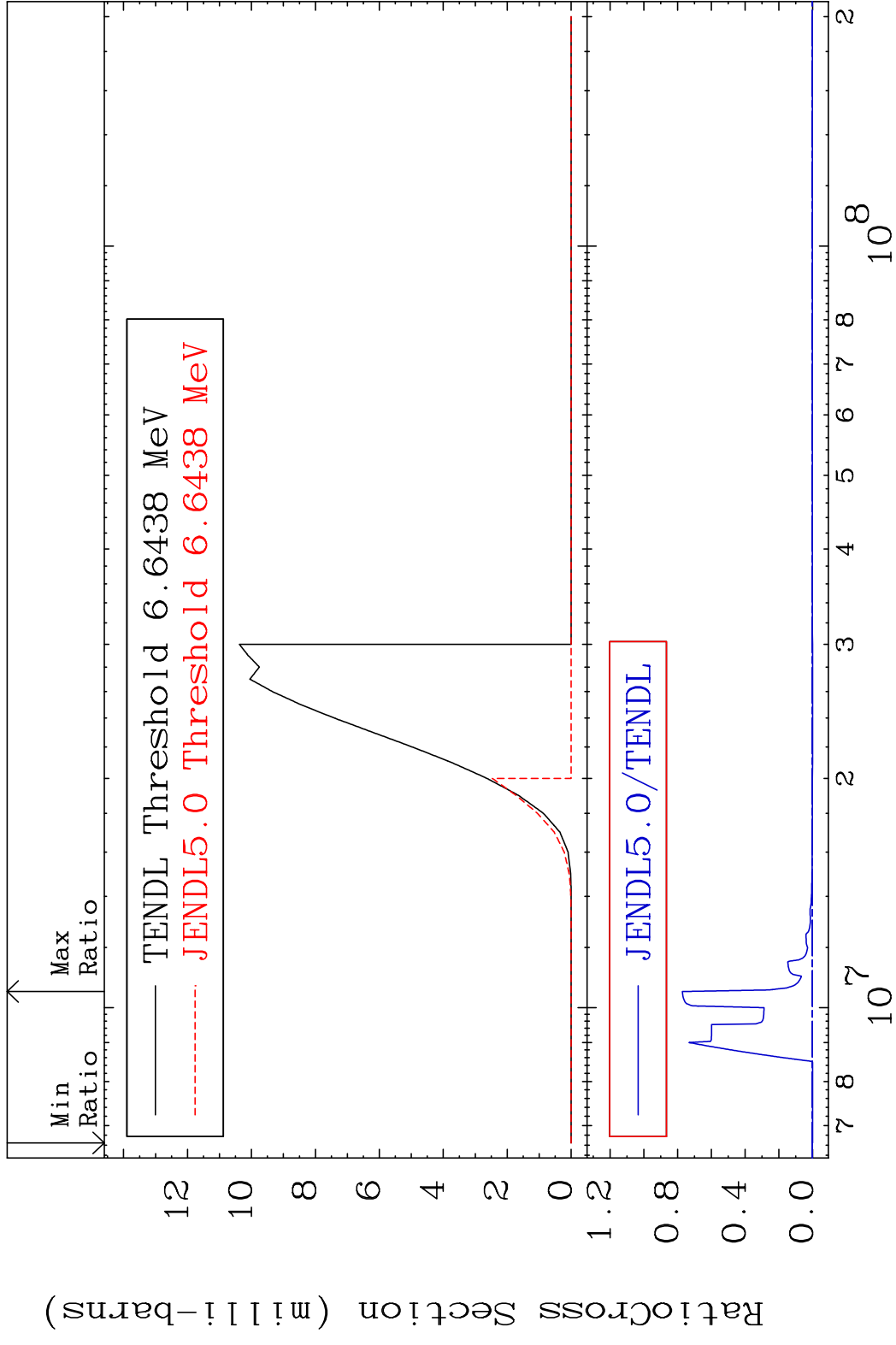
Incident Energy (eV)

80-Hg-204

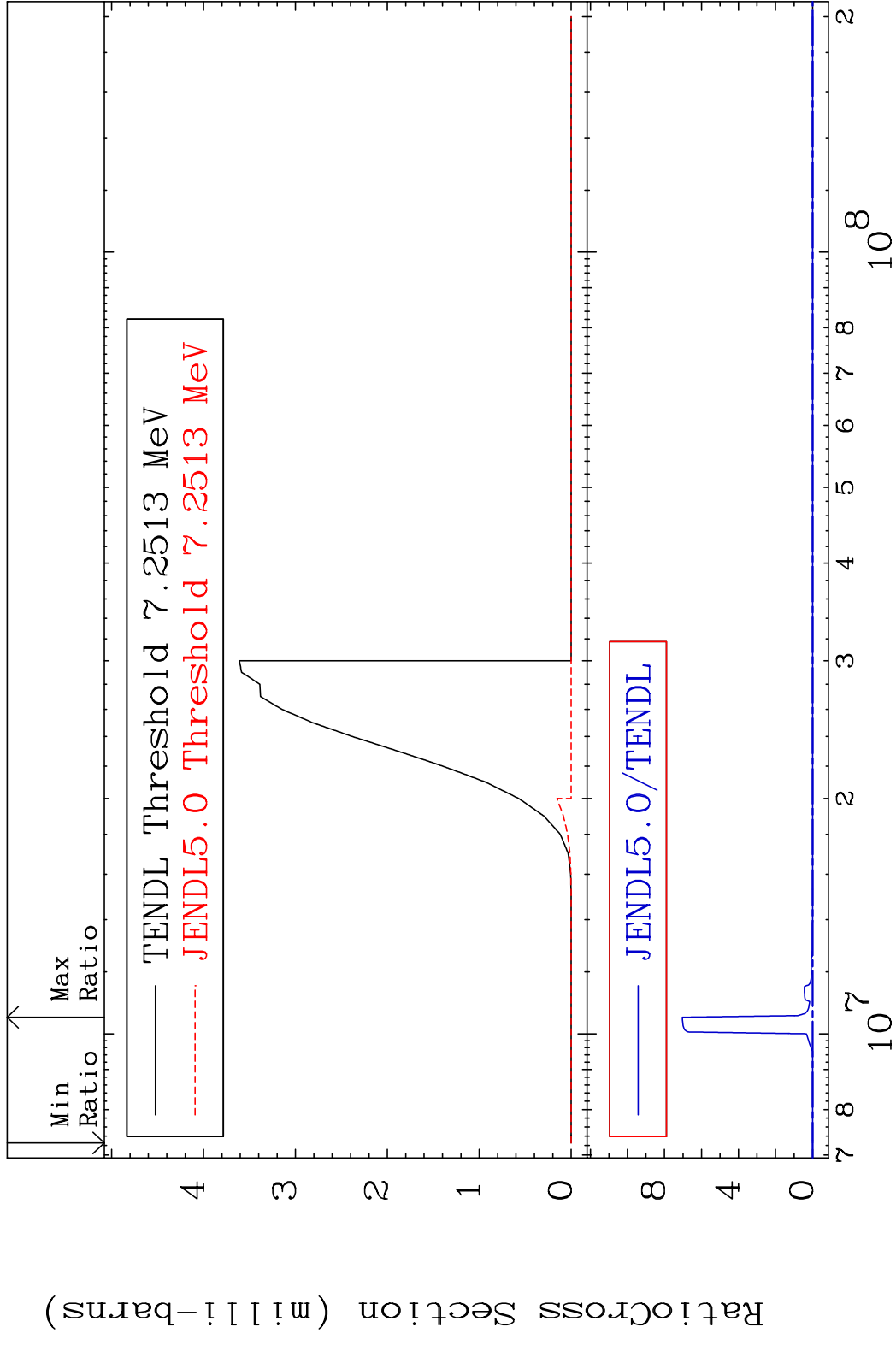
MAT 8049 (n,p) 80-Hg-204  
 Cross Section -100.0 To 9999. %



MAT 8049 (n,d) 80-Hg-204  
 Cross Section -100.0 To 9999. %



MAT 8049 (n, t) 80-Hg-204  
 Cross Section -100.0 To 9999. %



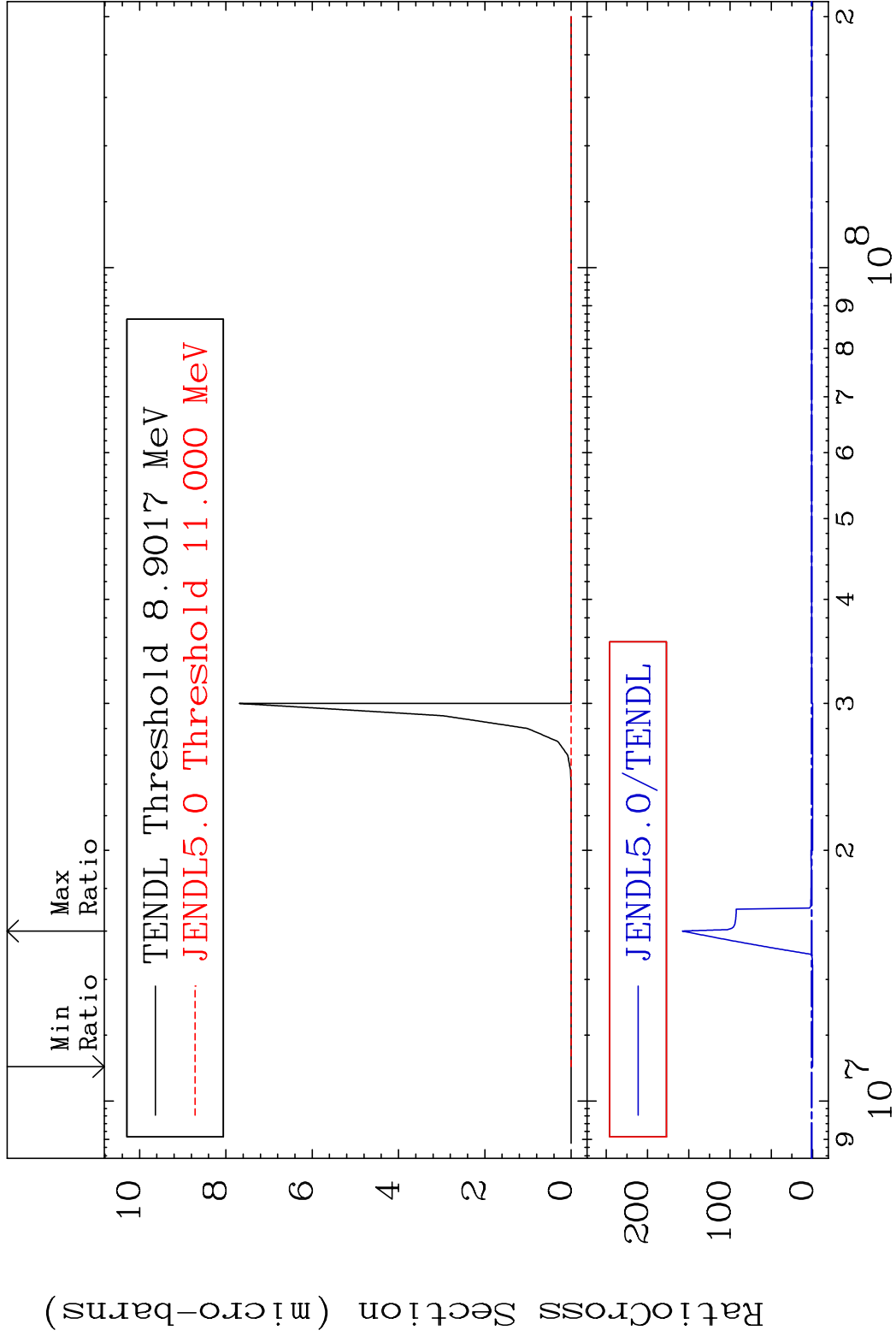
45 80-Hg-204

MAT 8049

(n, He-3)

80-Hg-204

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

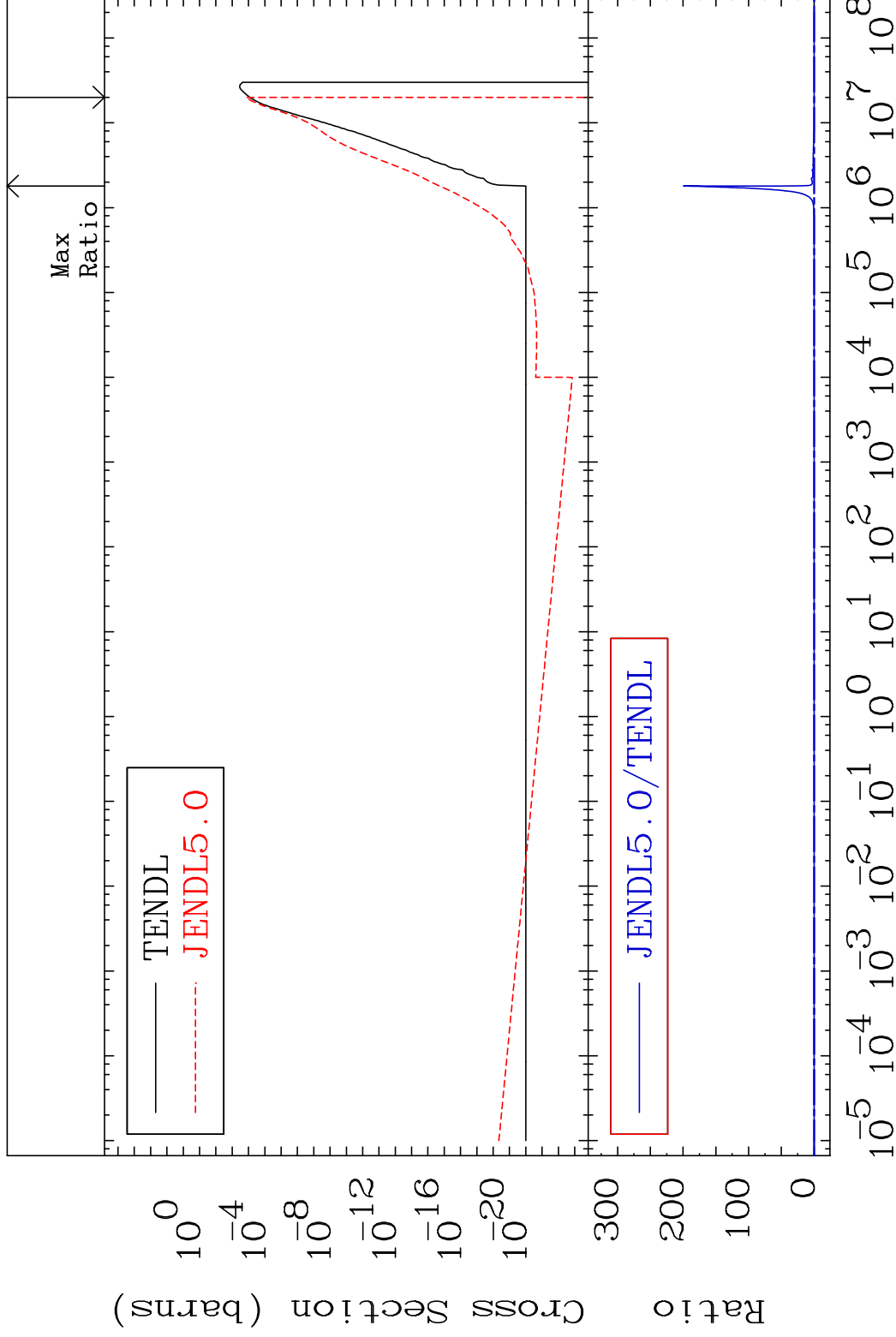
80-Hg-204

MAT 8049

80-Hg-204

(n,  $\alpha$ )

Cross Section -100.0 To 9999. %



47

Incident Energy (eV)

80-Hg-204

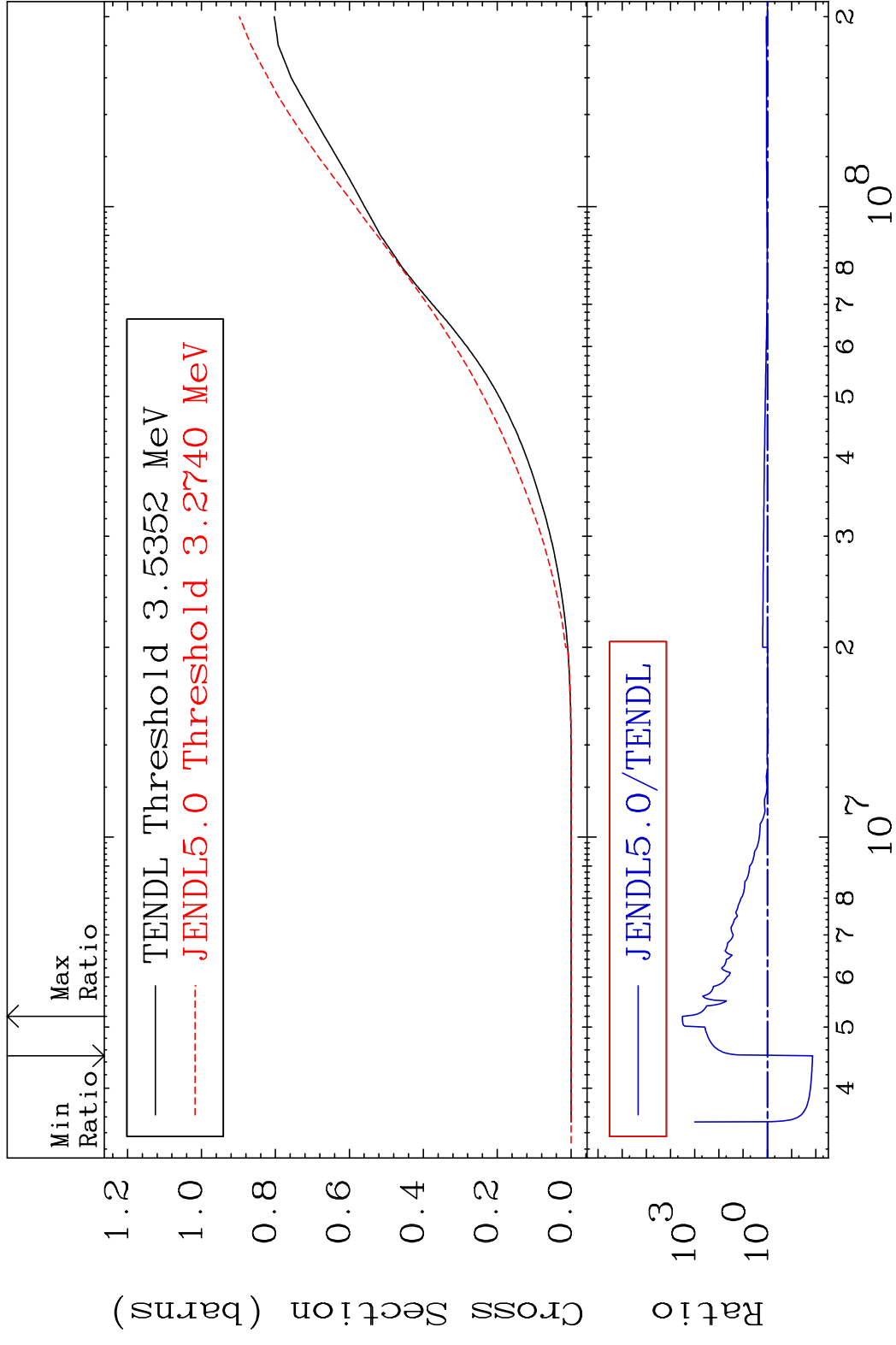


MAT 8049

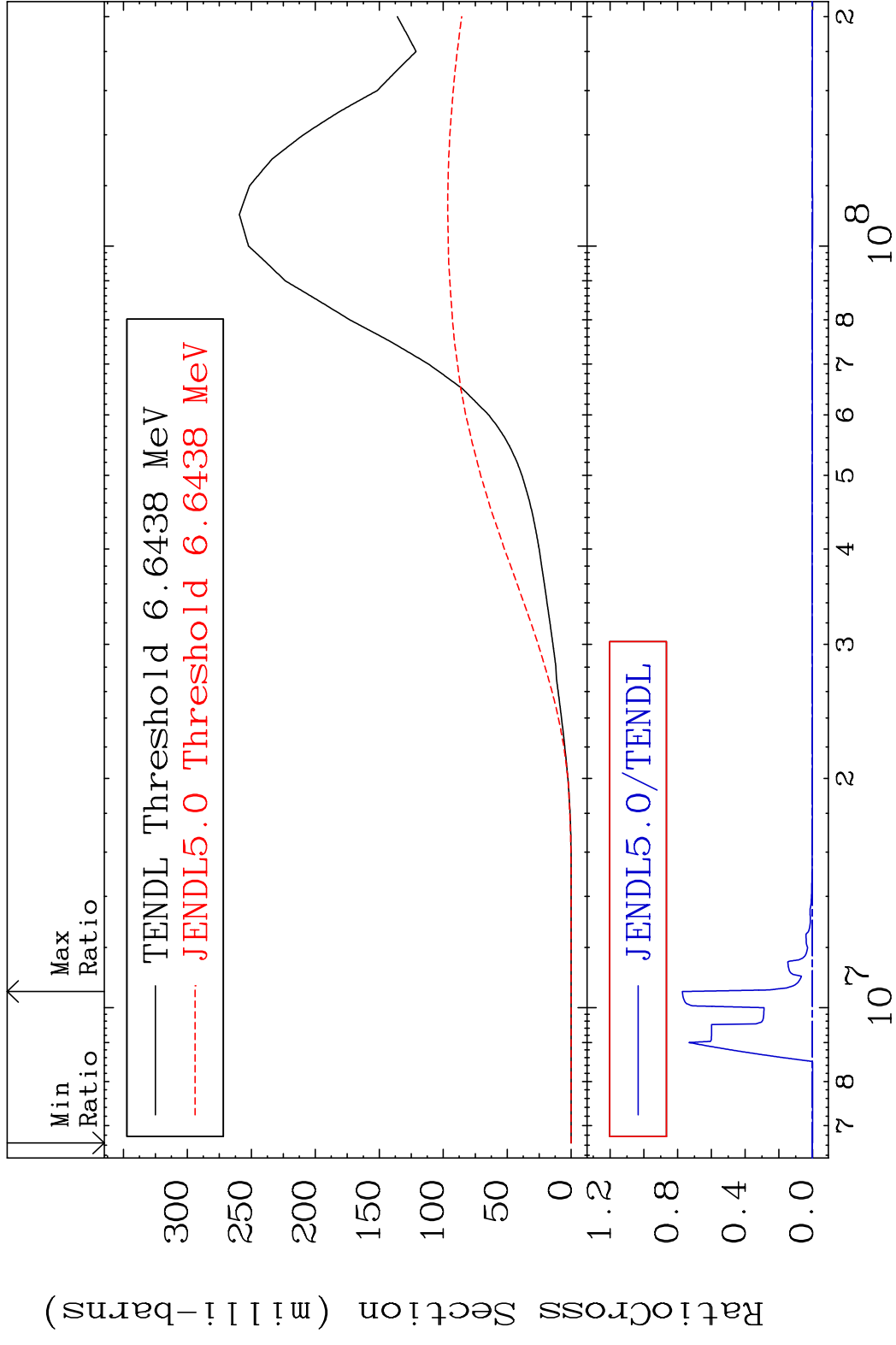
Hydrogen Production

80-Hg-204

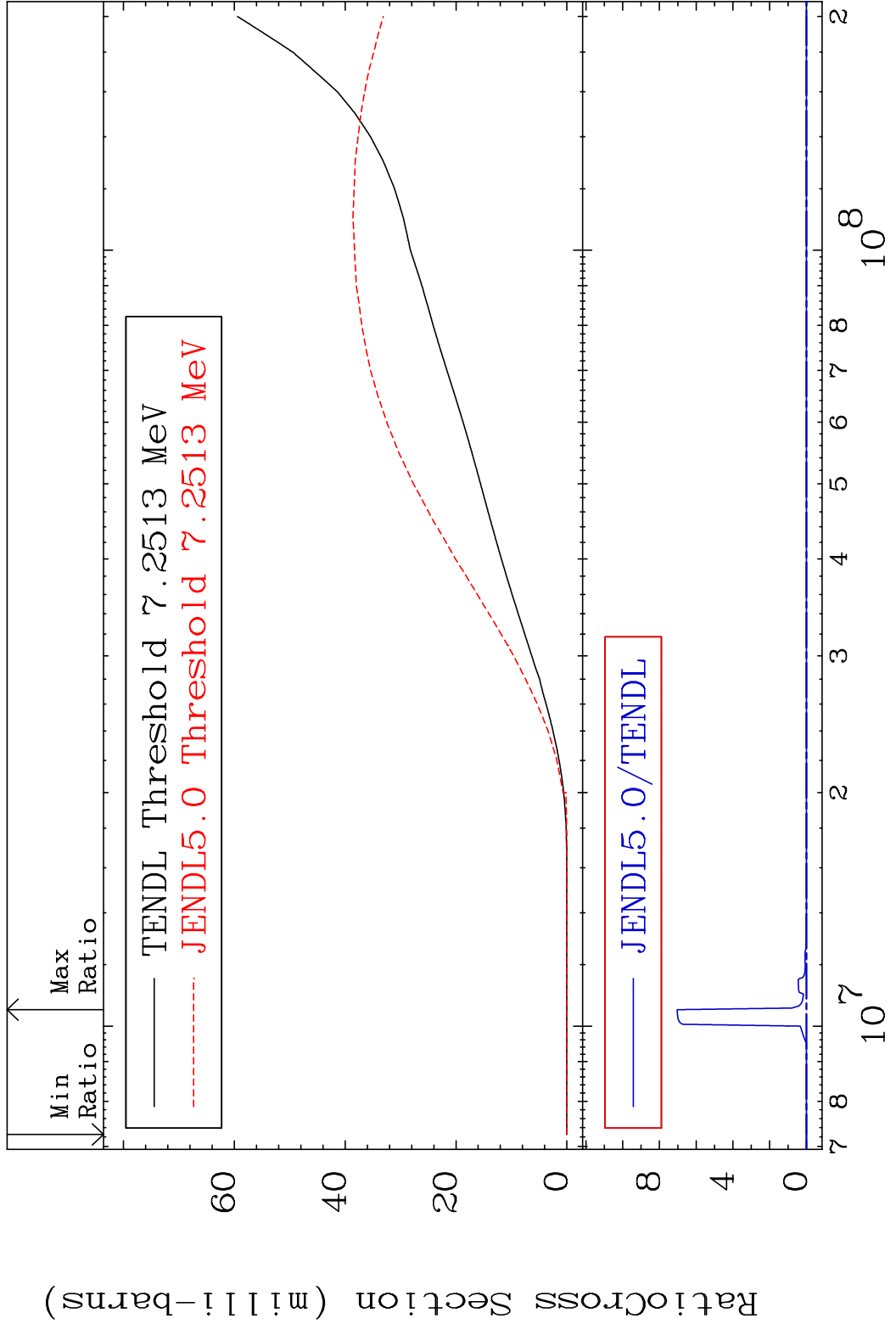
Cross Section -98.64 To 9999. %



MAT 8049 Deuterium Production 80-Hg-204  
 Cross Section -100.0 To 9999. %

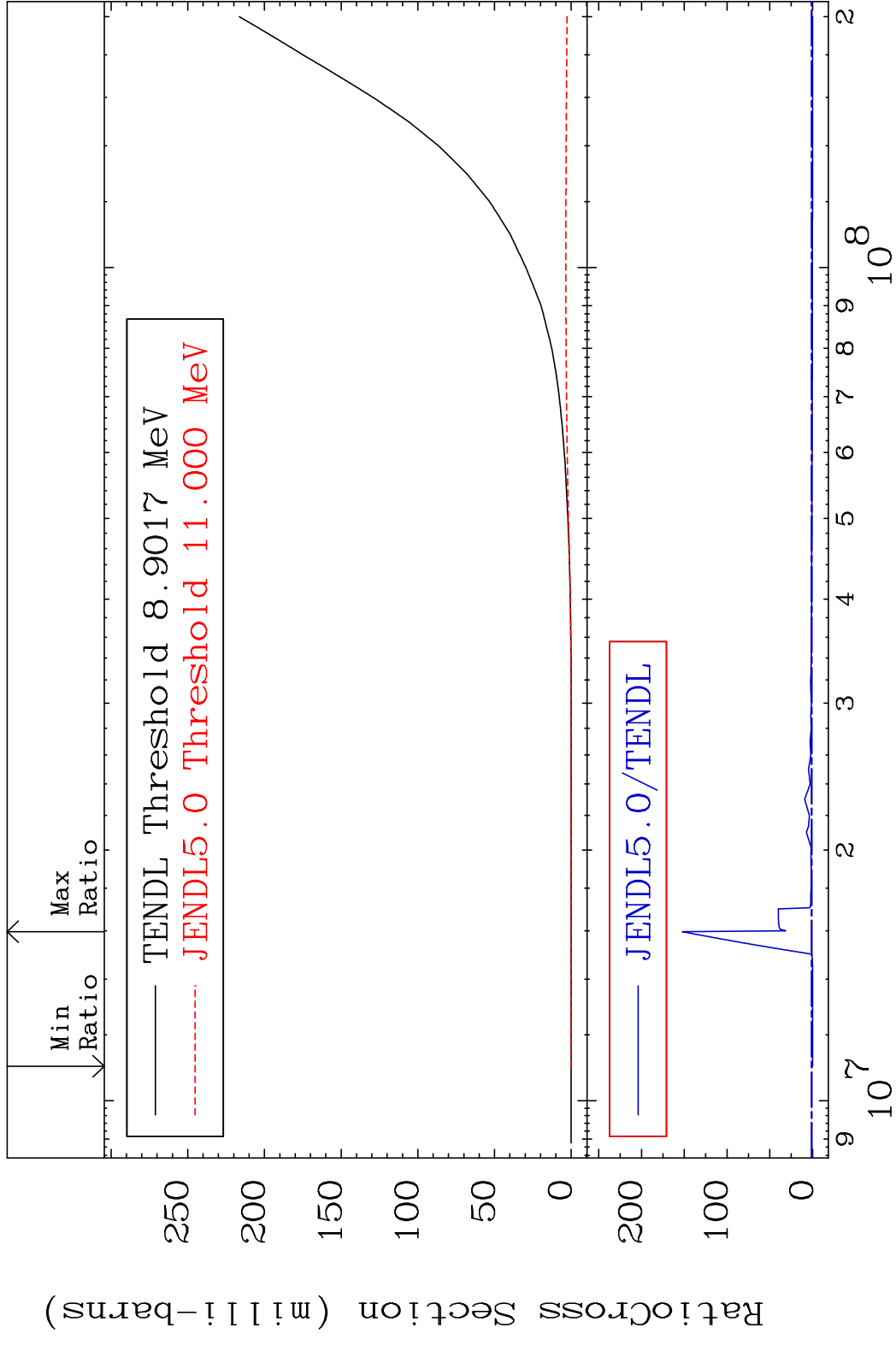


MAT 8049 Tritium Production 80-Hg-204  
 Cross Section -100.0 To 9999. %



50 80-Hg-204

MAT 8049 He-3 Production 80-Hg-204  
 Cross Section -100.0 To 9999. %

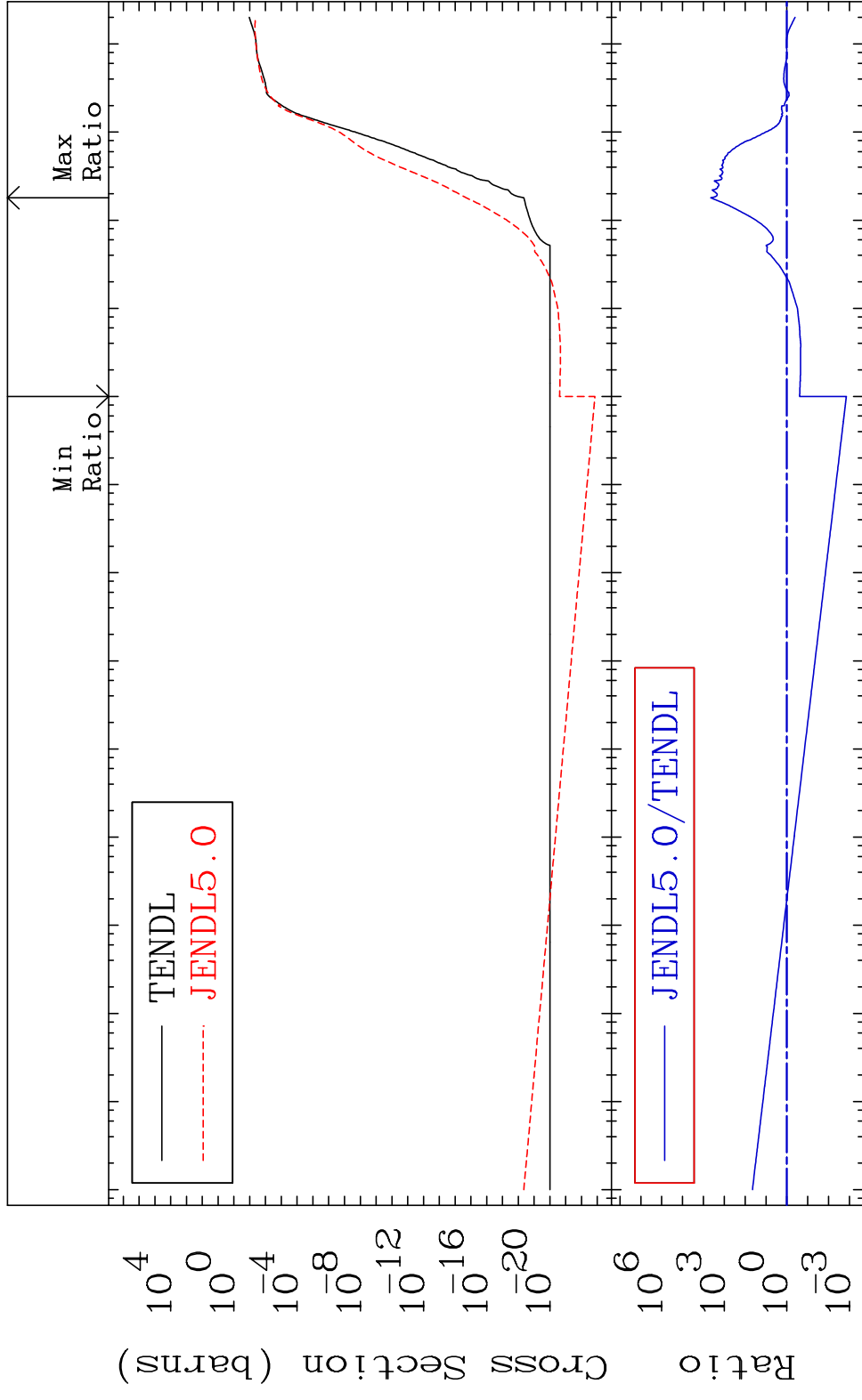


51 Incident Energy (eV) 80-Hg-204

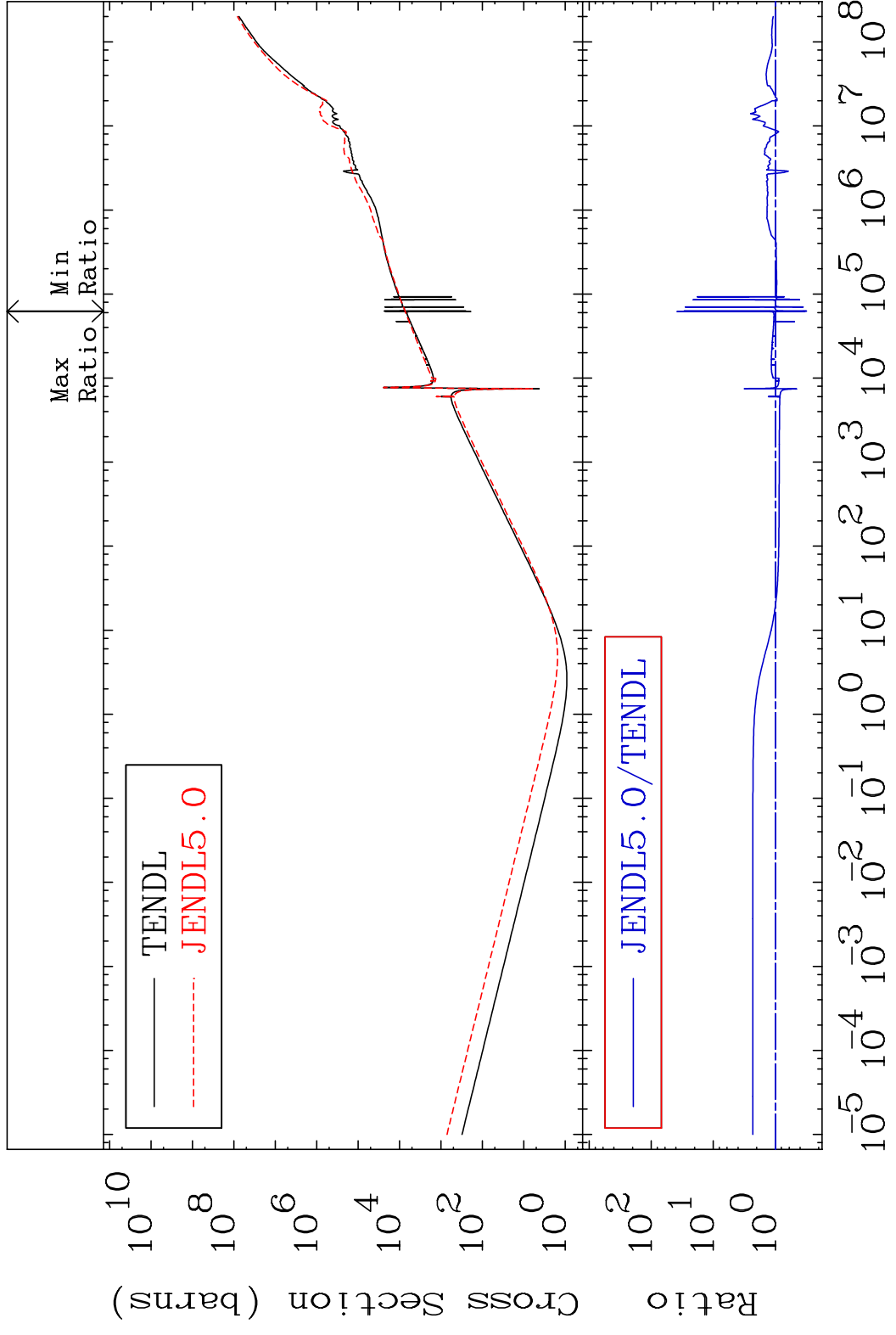
MAT 8049

He-4 Production  
Cross Section

80-Hg-204  
-99.86 To 9999. %



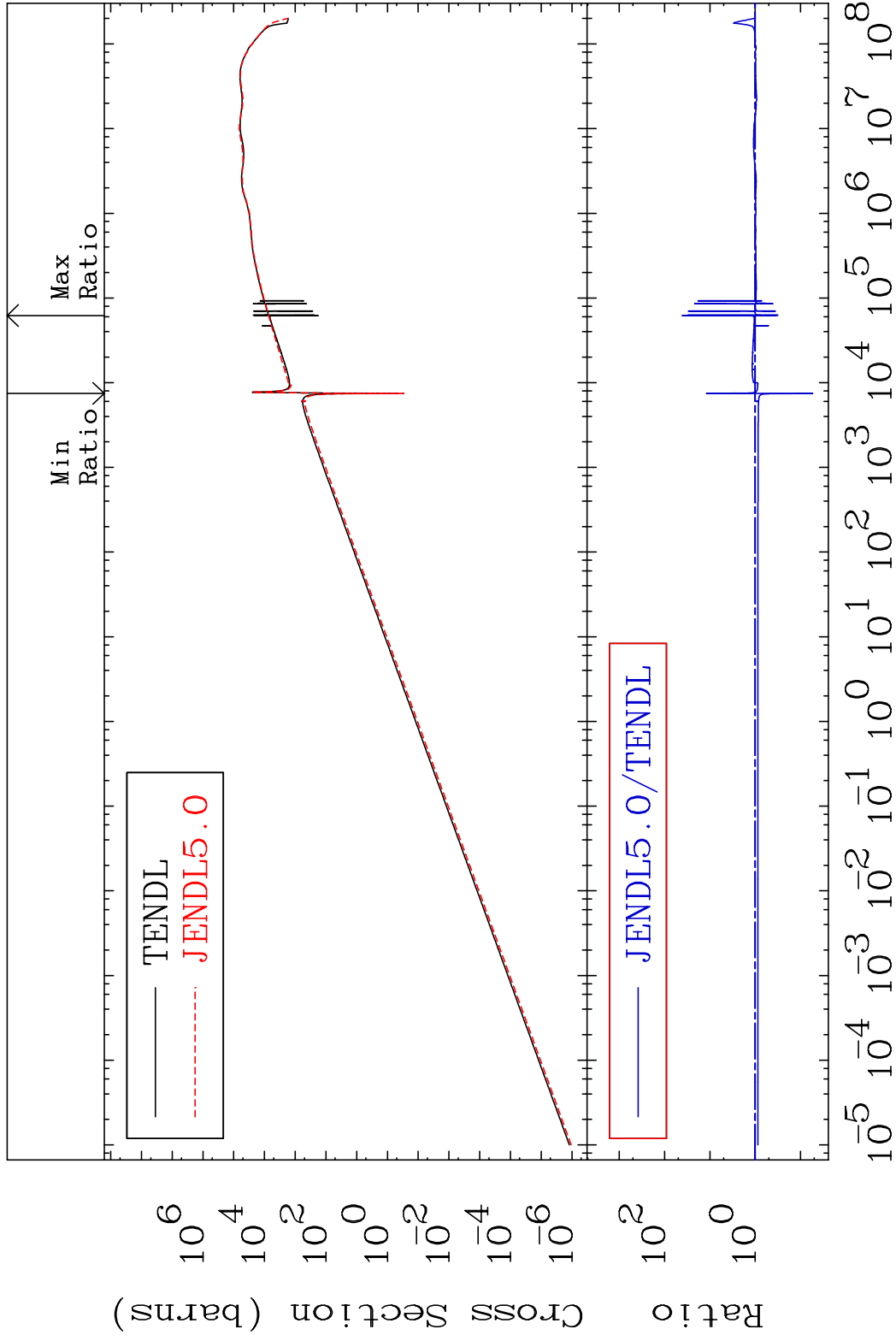
MAT 8049 Kerma total (eV-barns) 80-Hg-204  
 Cross Section -68.37 To 3720. %



MAT 8049

Kerma elastic  
Cross Section

80-Hg-204  
-94.58 To 3961. %

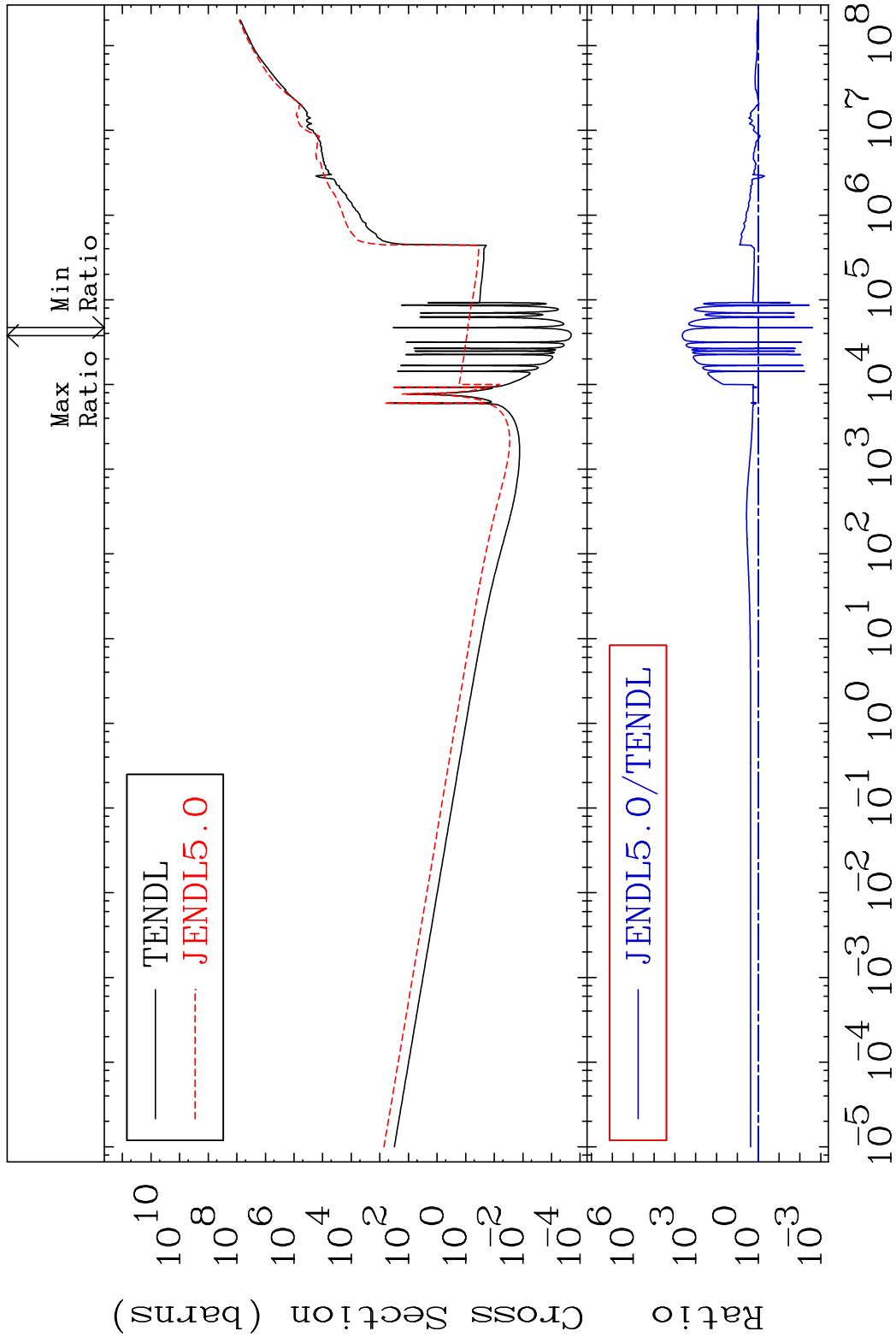


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Incident Energy (eV)

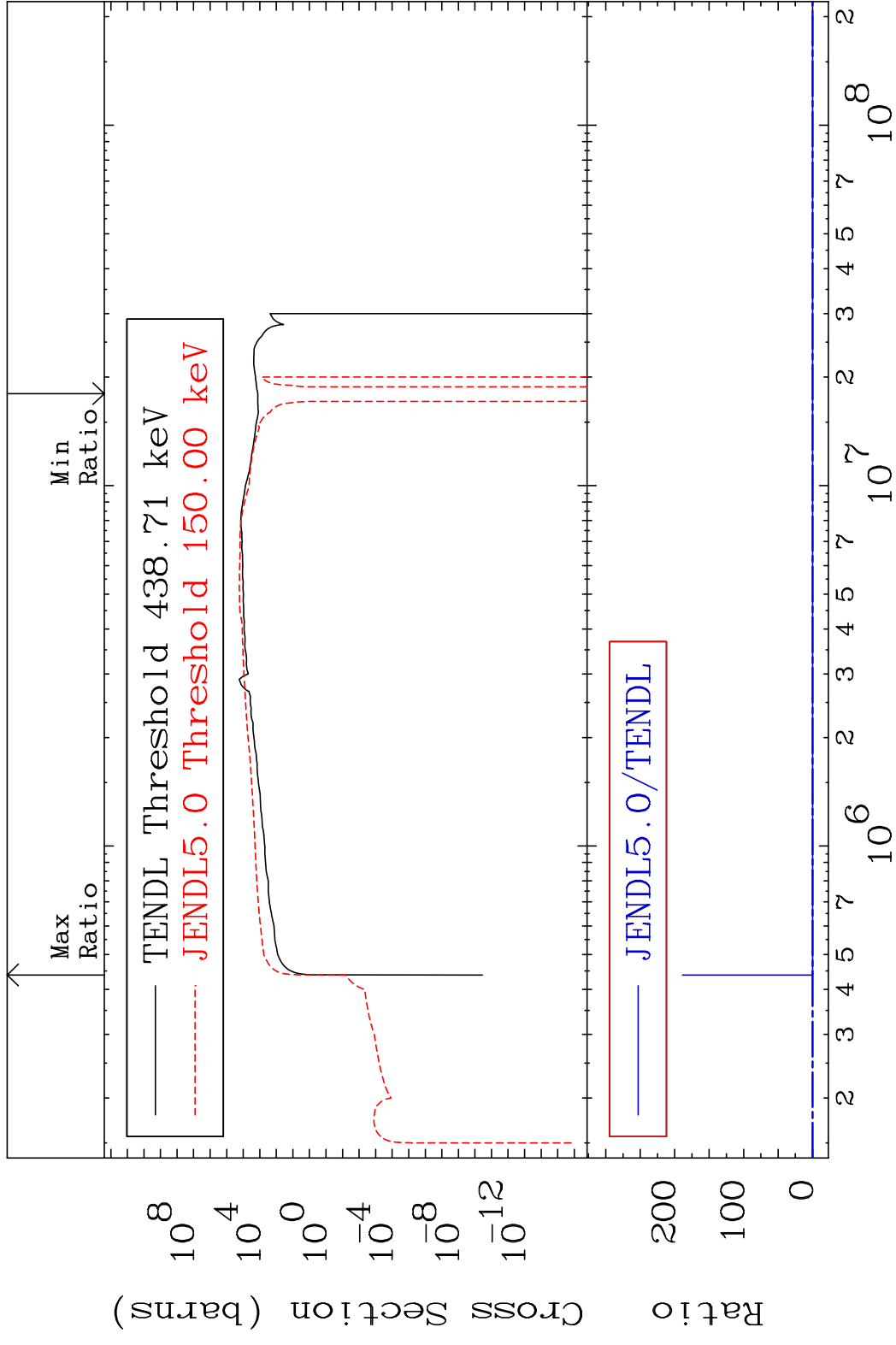
80-Hg-204

MAT 8049 Kerma non-elastic (all but mt2) 80-Hg-204  
 Cross Section -99.75 To 9999. %

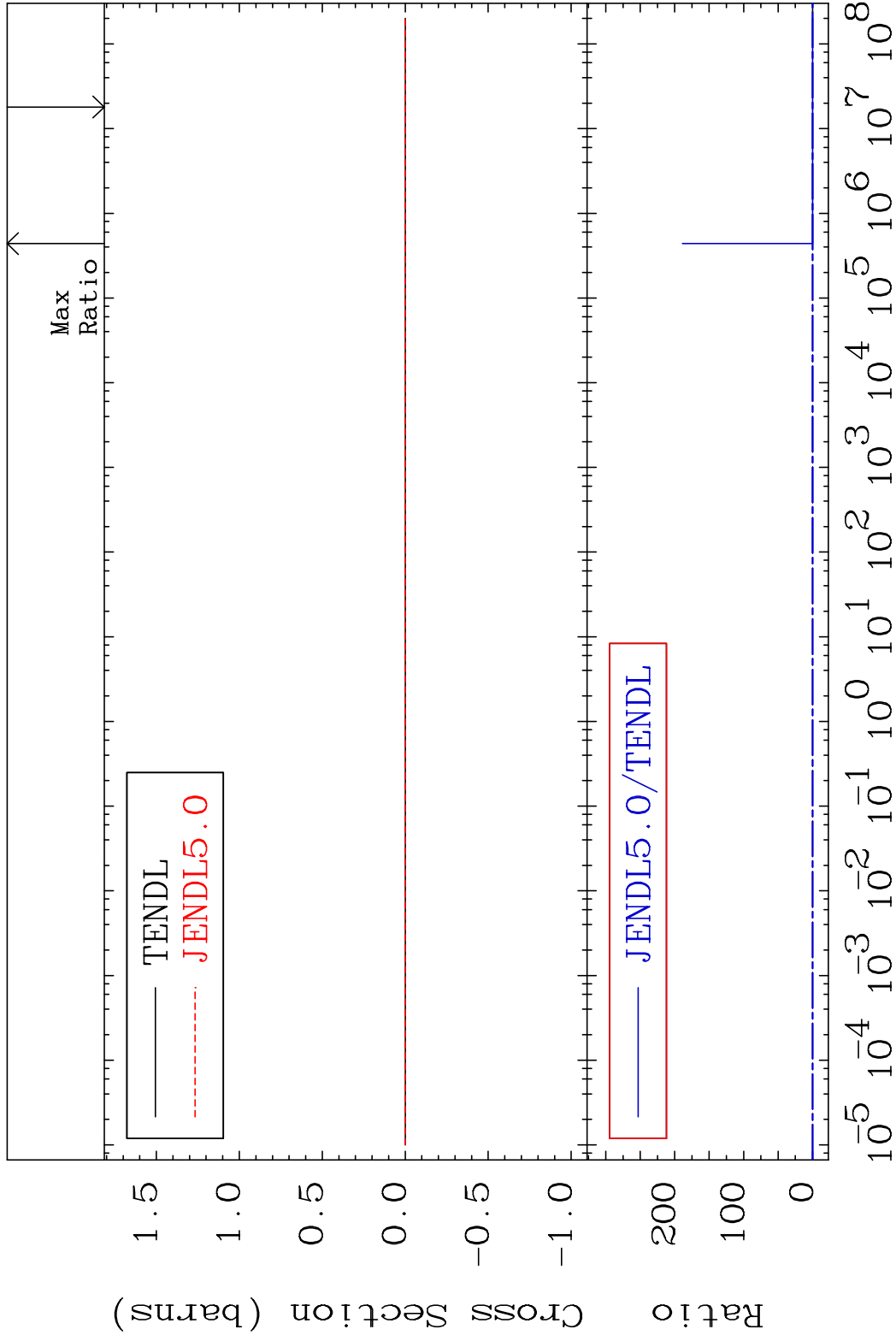




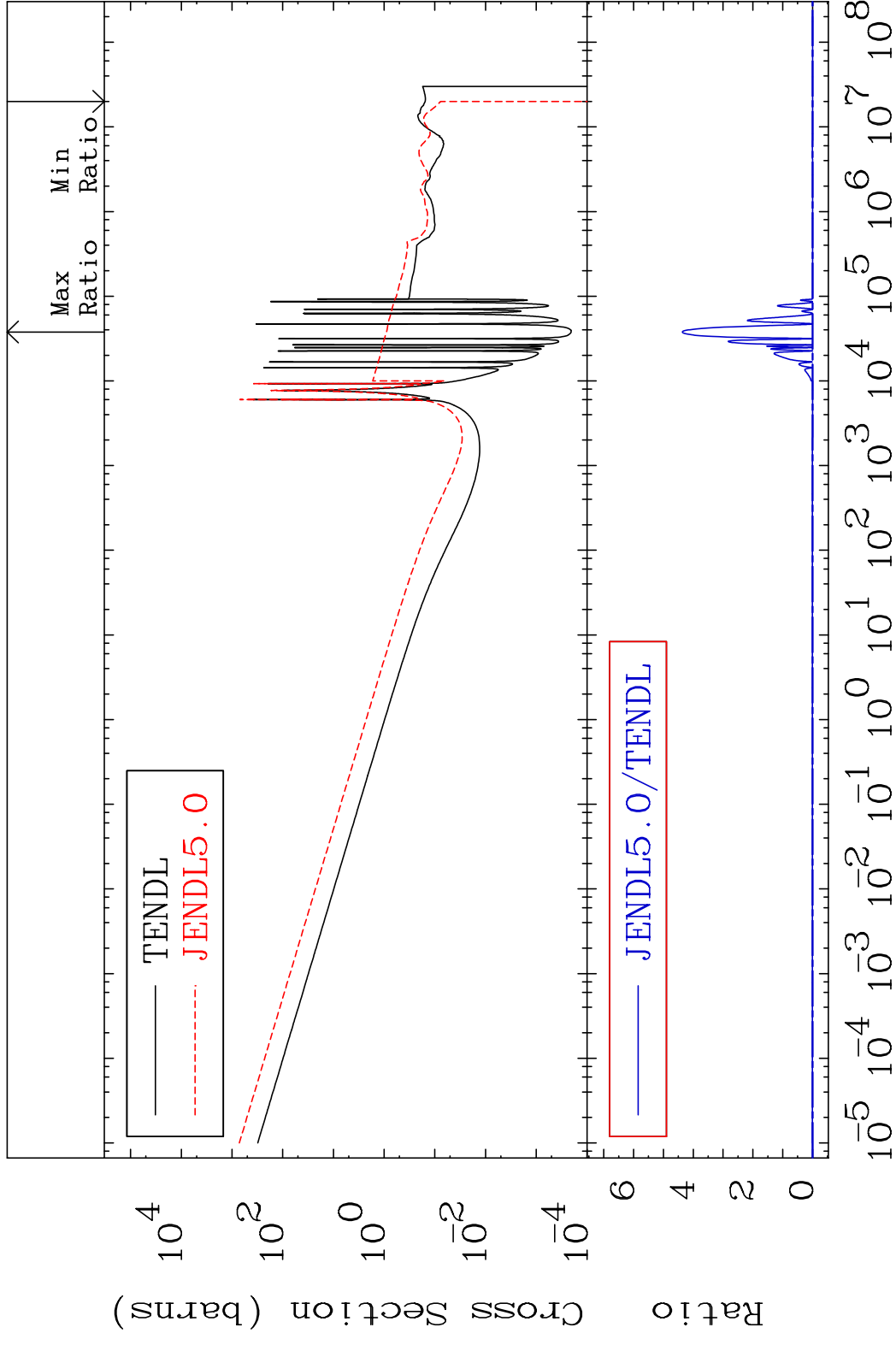
MAT 8049 Kerma inelastic (mt51-91) 80-Hg-204  
 Cross Section -104.0 To 9999. %



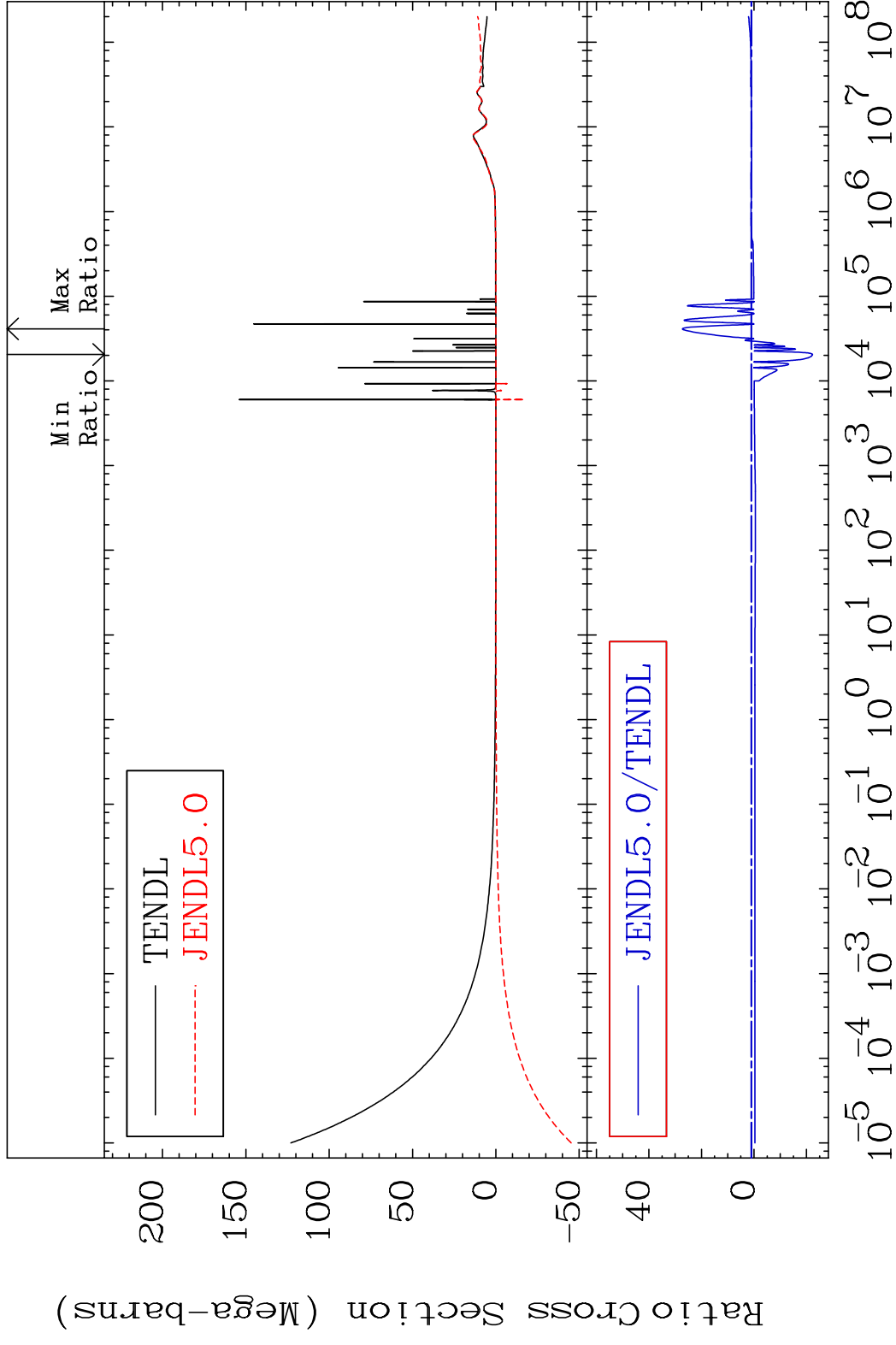
MAT 8049 Kerma fission (mt18 or mt19-20-21-38)80-Hg-204  
 Cross Section -104.0 To 9999. %



MAT 8049 Kerma capture (mt102) 80-Hg-204  
 Cross Section -100.0 To 9999. %

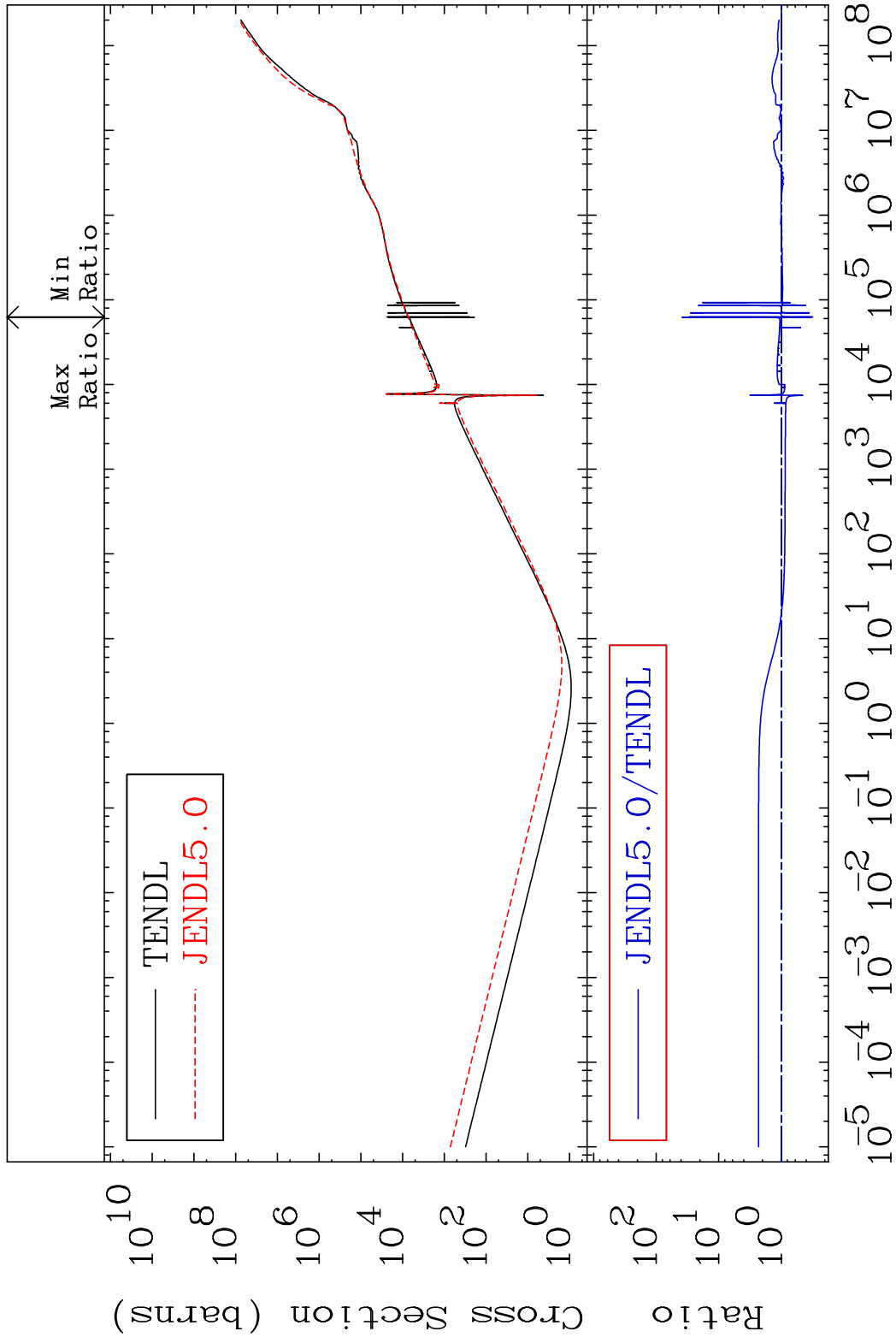


MAT 8049 Total photon (eV-barns) 80-Hg-204  
Cross Section -2330. To 2628. %



59 Incident Energy (eV) 80-Hg-204

MAT 8049 Total kinematic kerma (high limit) 80-Hg-204  
 Cross Section -68.37 To 3720. %



60 Incident Energy (eV) 80-Hg-204

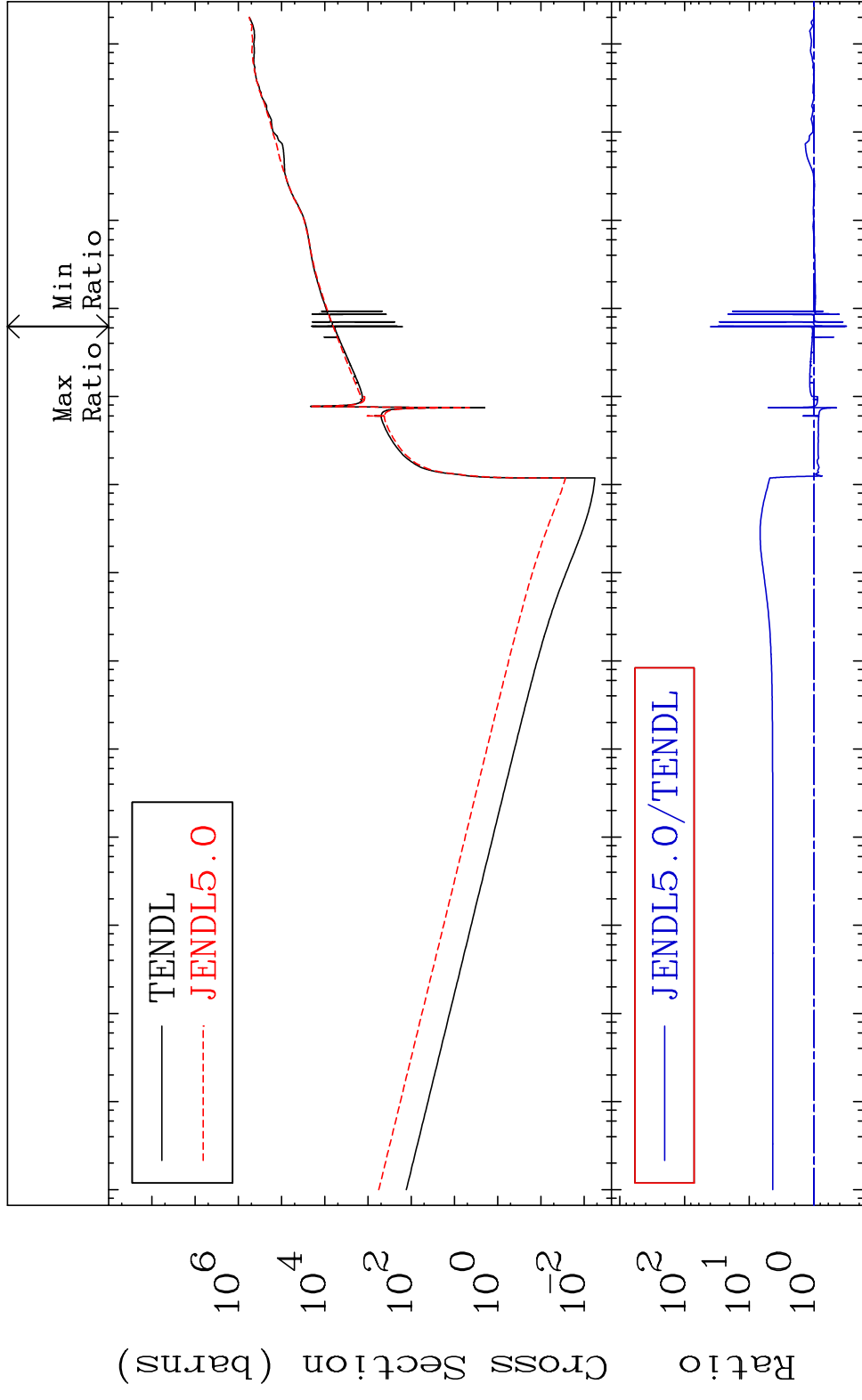
MAT 8049

Dpa total (eV-barns)

80-Hg-204

Cross Section

-68.35 To 3846. %



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Incident Energy (eV)

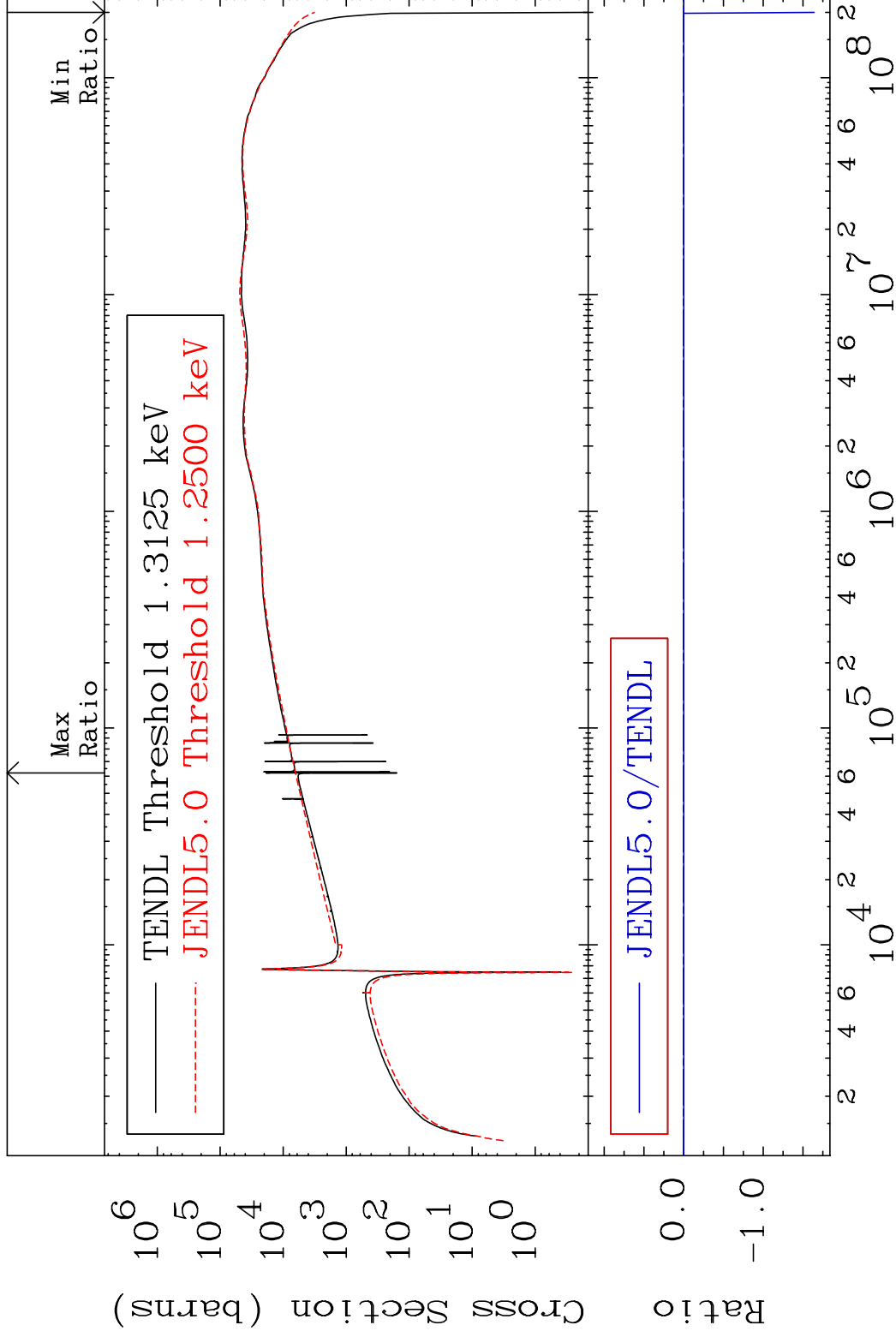
80-Hg-204

MAT 8049

Dpa elastic (mt2)

80-Hg-204

Cross Section -9999. To 3961. %

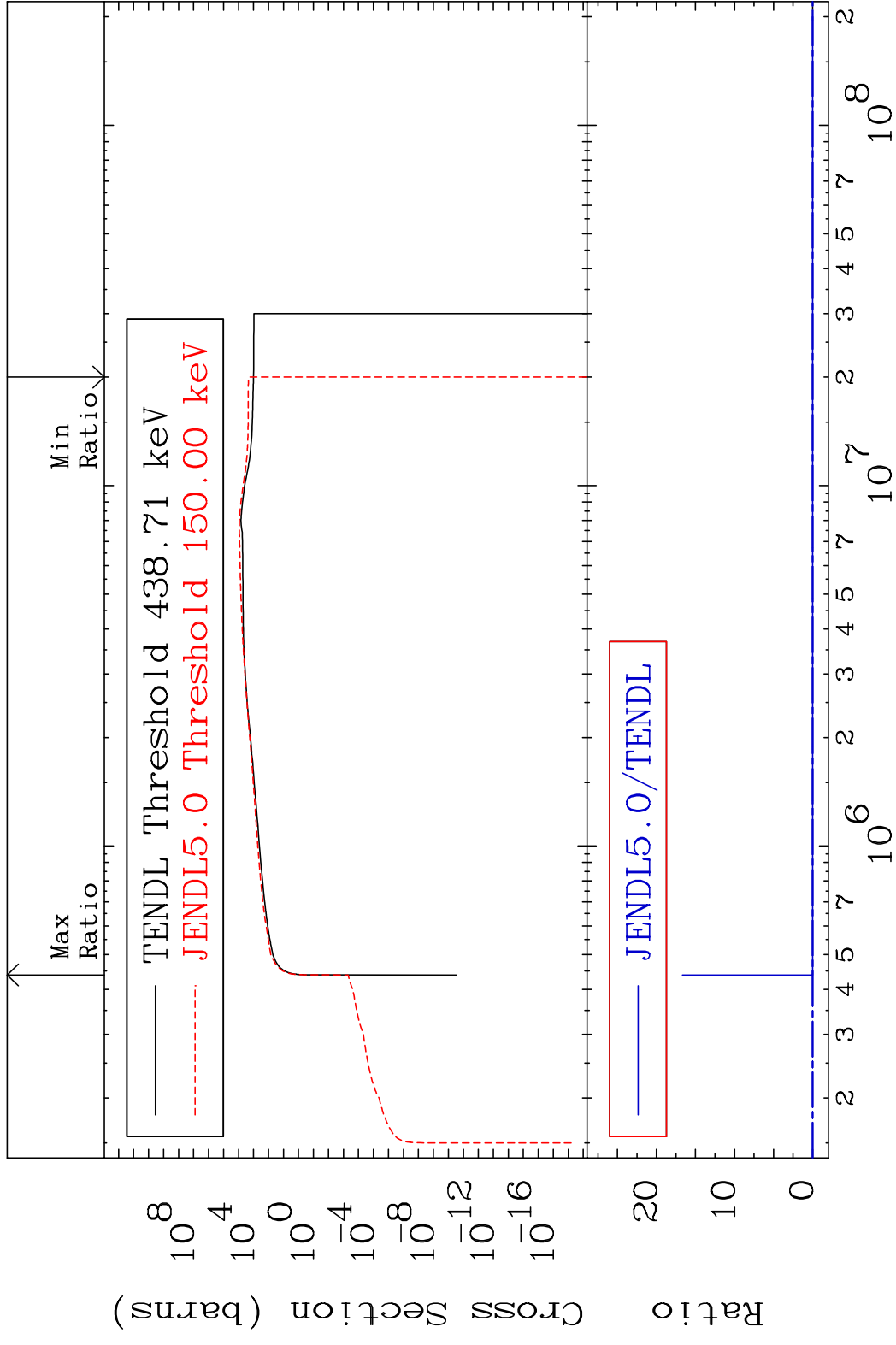


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Incident Energy (eV)

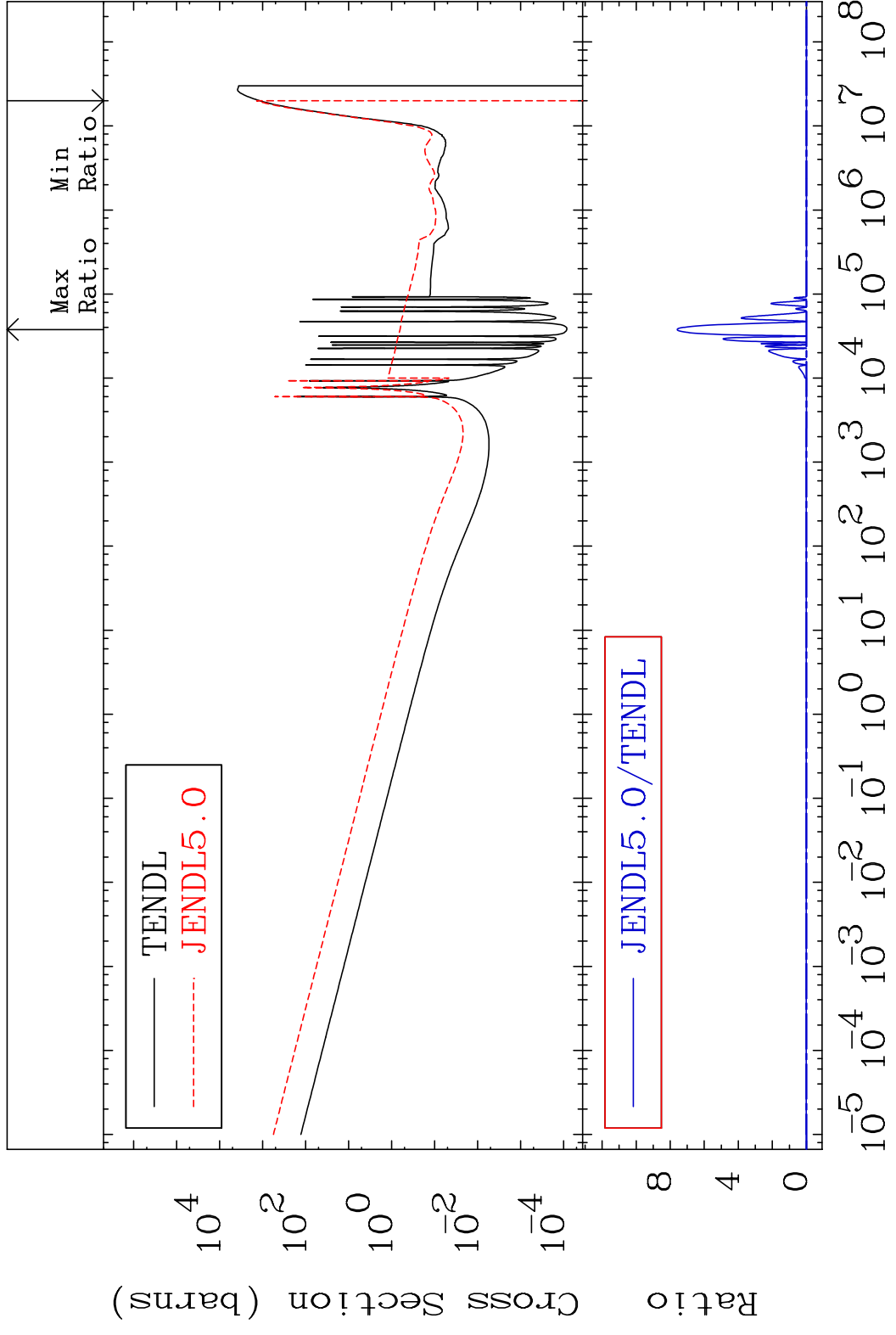
80-Hg-204

MAT 8049 Dpa inelastic (mt51-91) 80-Hg-204  
 Cross Section -100.0 To 9999. %





MAT 8049 Dpa disappearance (mt102 -120) 80-Hg-204  
 Cross Section -100.0 To 9999. %



64 Incident Energy (eV) 80-Hg-204