

Program Complot  
(Version 2021-1)

by

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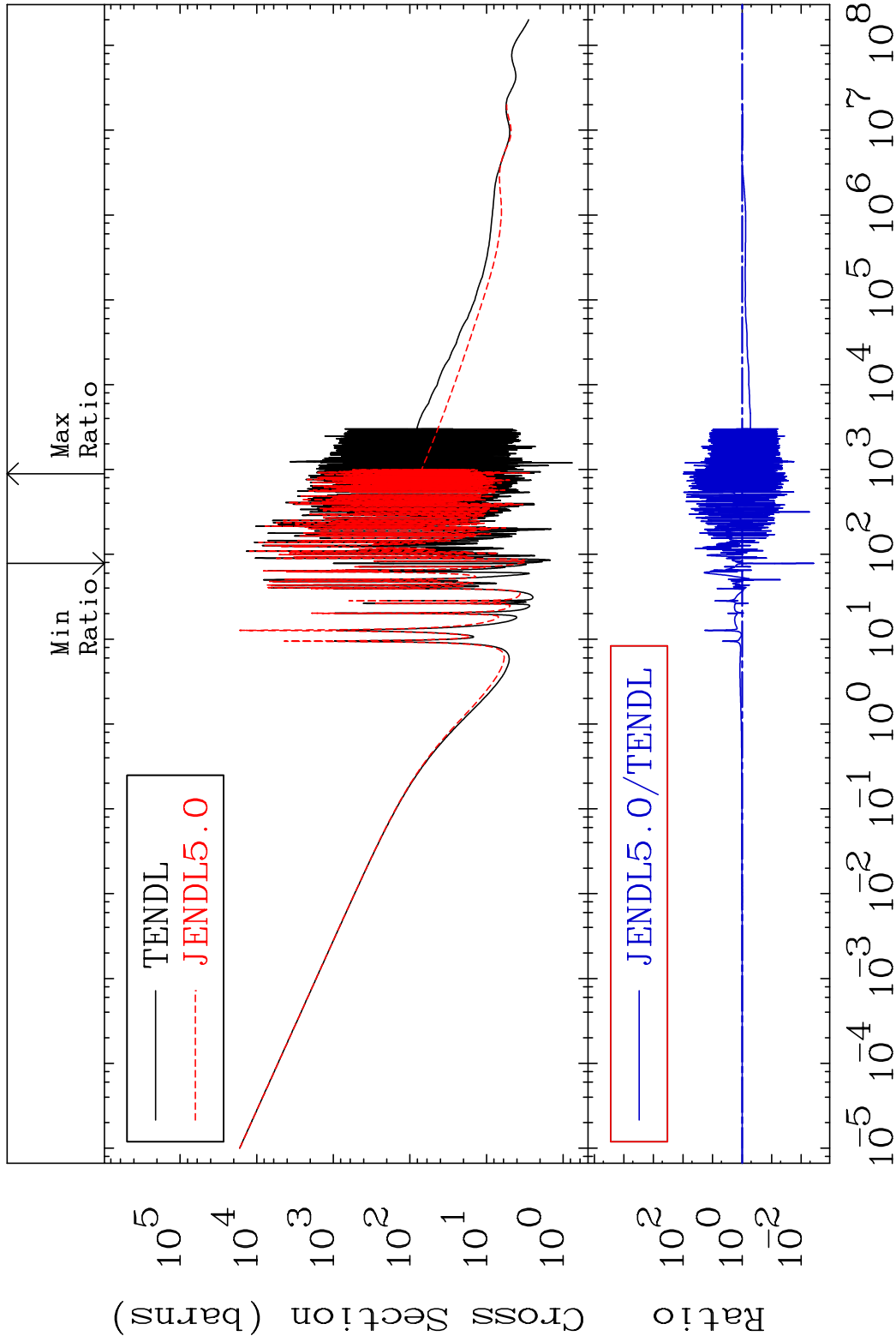
Press Mouse Button to Start

MAT 7634

Total

76-0s-187

Cross Section -99.63 To 9546. %



1

Incident Energy (eV)

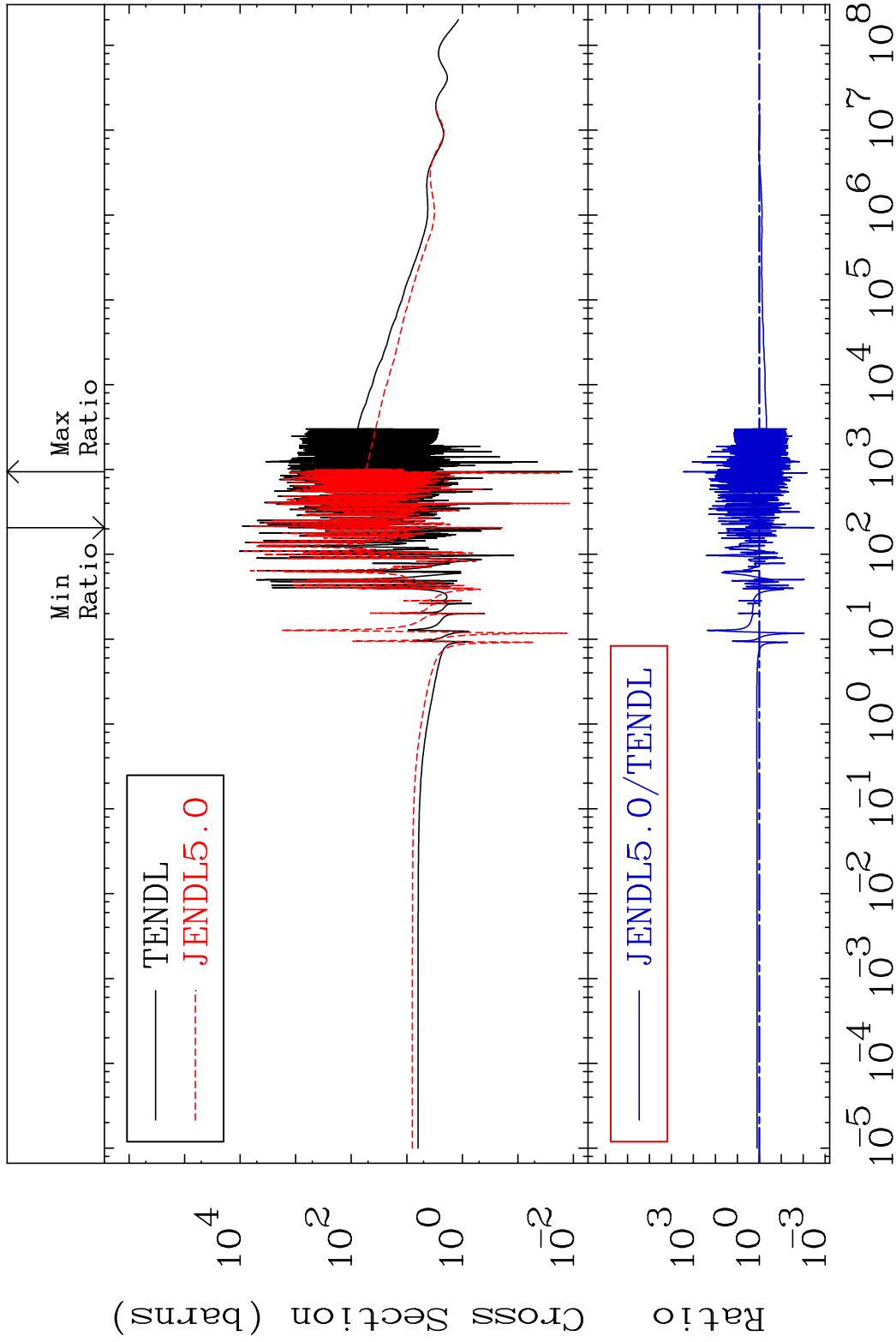
76-0s-187

MAT 7634

Elastic

76-0s-187

Cross Section -99.67 To 9999. %

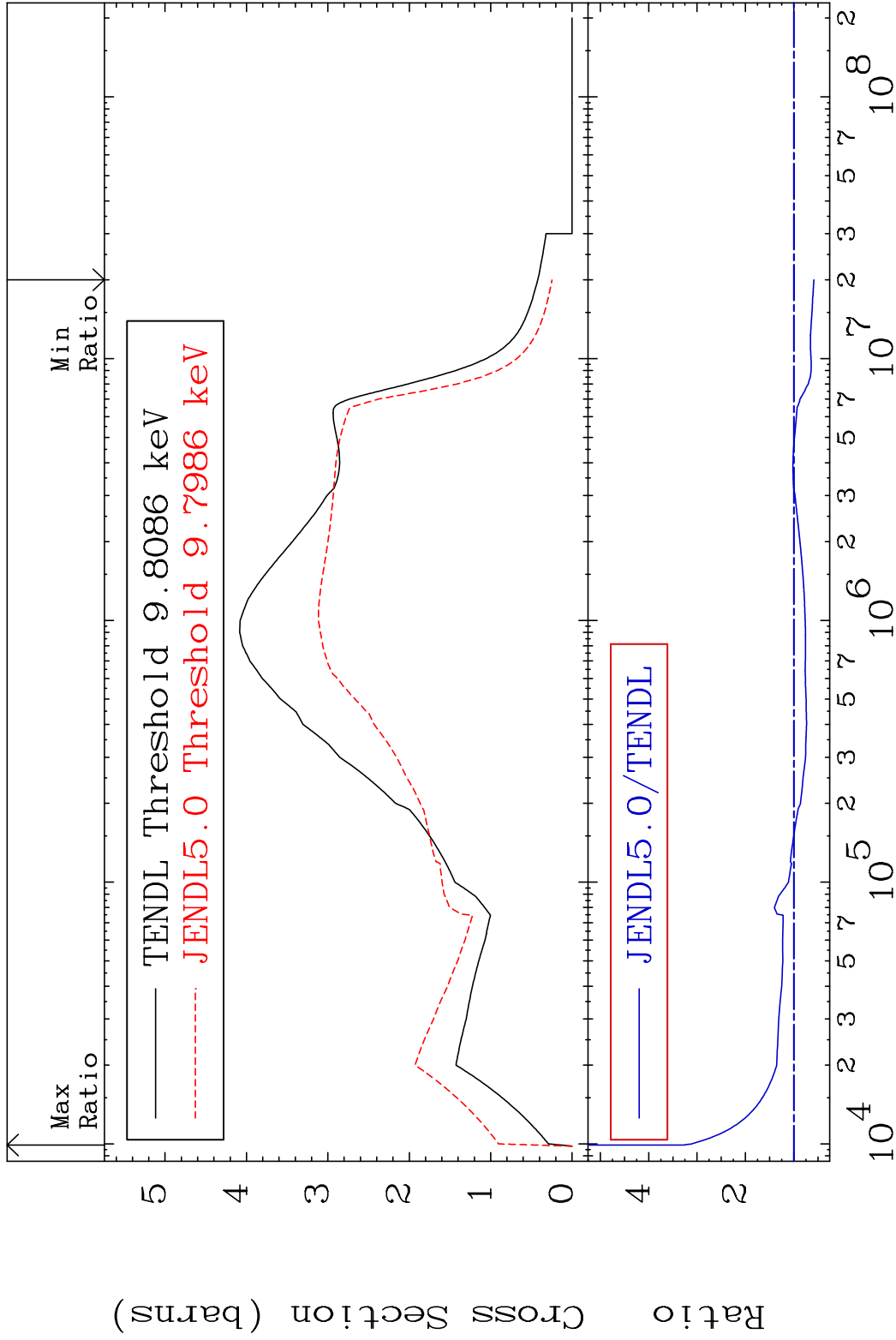


2

Incident Energy (eV)

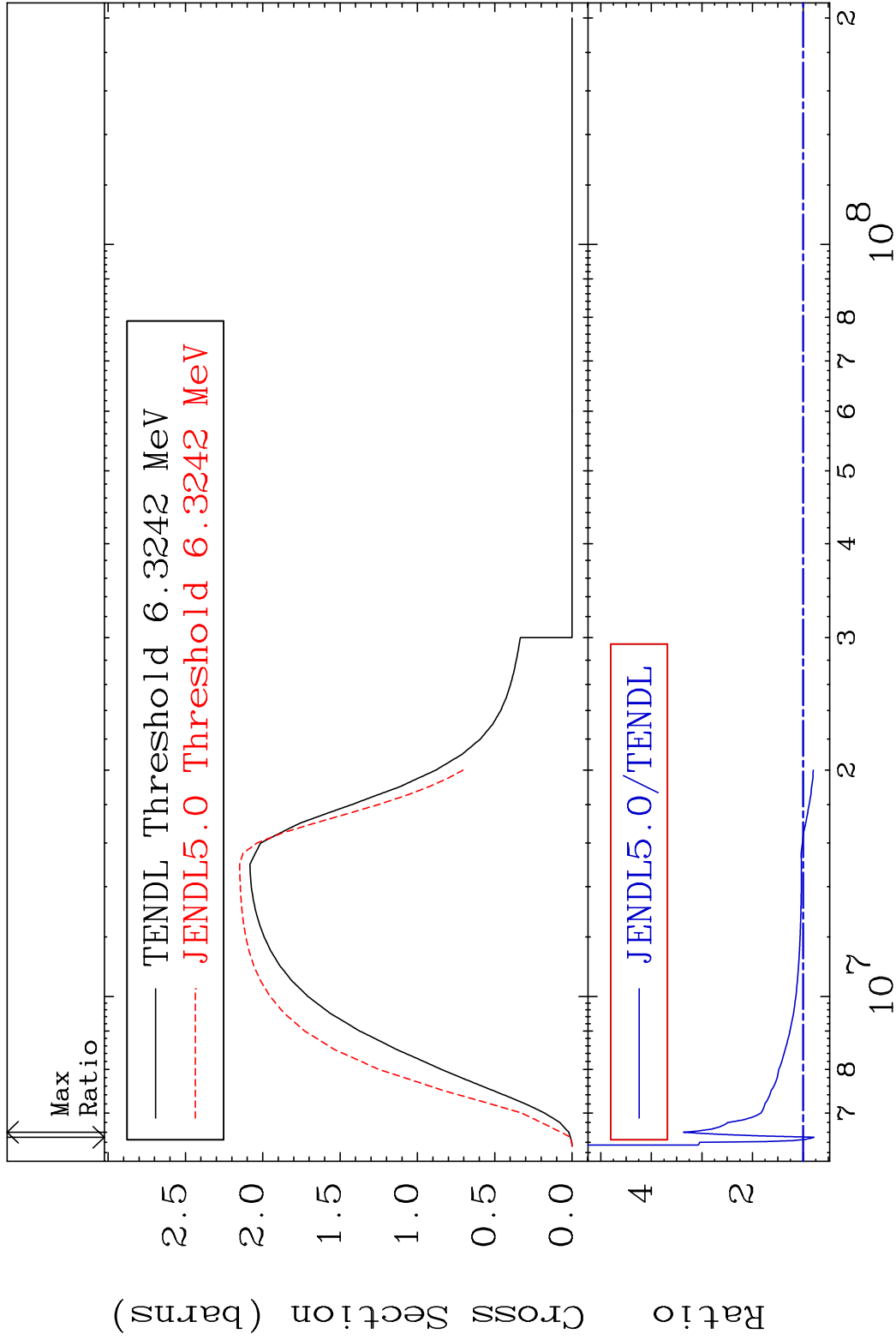
76-0s-187

MAT 7634 Inelastic Cross Section -41.57 To 228.1 % 76-0s-187



3 Incident Energy (eV) 76-0s-187

MAT 7634 (n,2n) 76-0s-187  
Cross Section -21.34 To 236.5 %



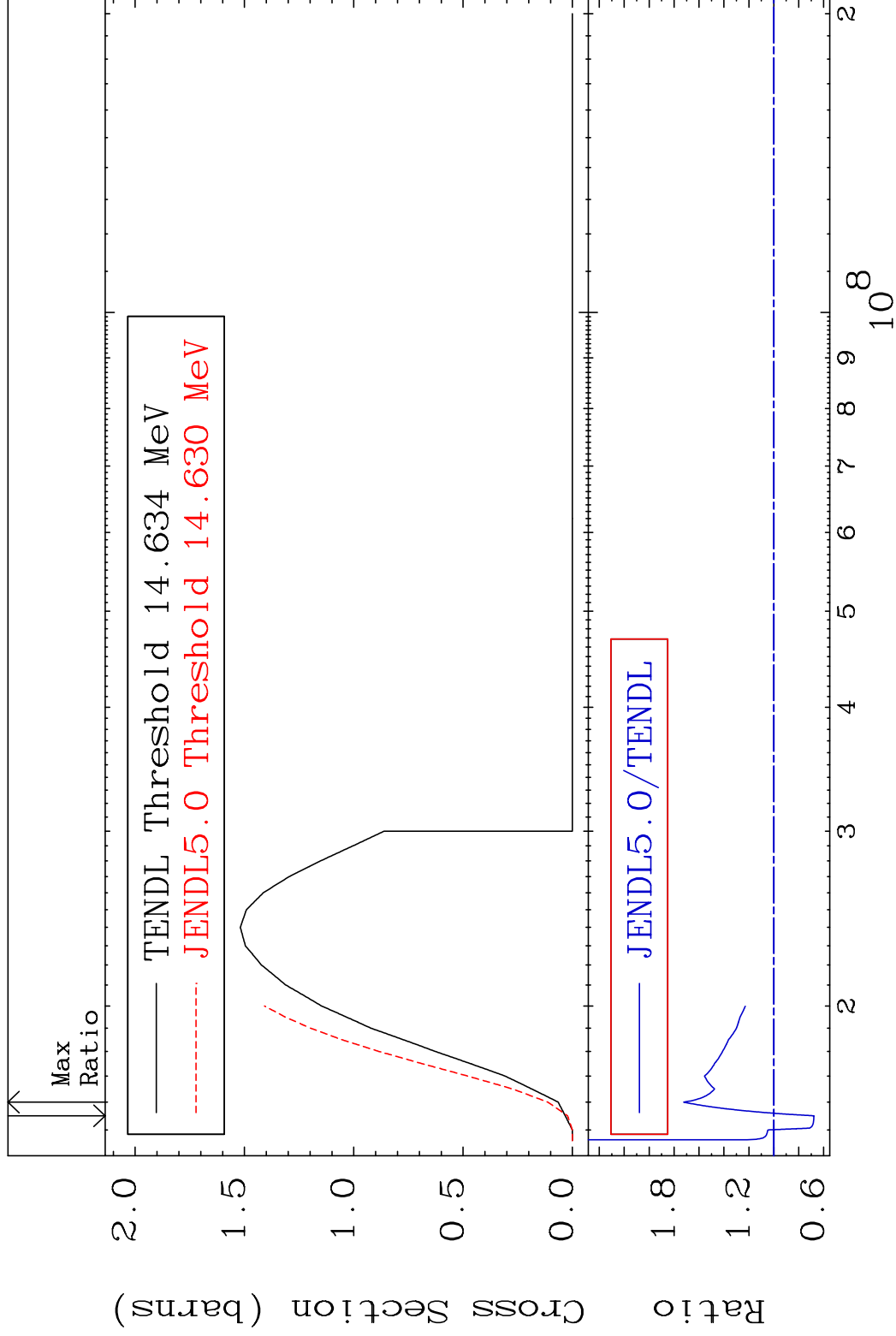
4 7 8 10<sup>7</sup> 2 3 4 5 6 7 8 10<sup>8</sup> 2 76-0s-187

MAT 7634

(n,3n)

76-0s-187

Cross Section -32.23 To 72.32 %



5

Incident Energy (eV)

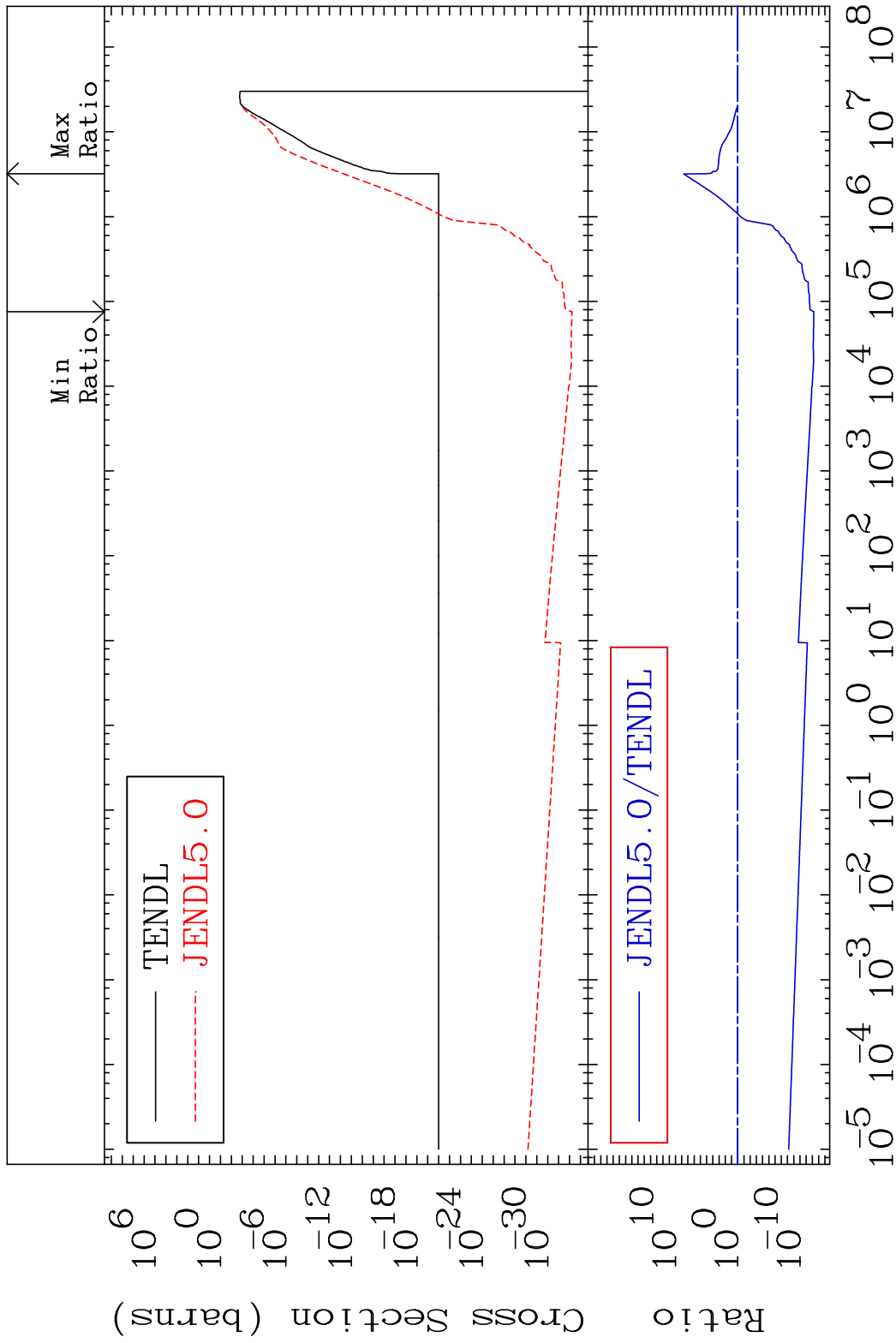
76-0s-187

MAT 7634

(n, n')  $\alpha$

76-Os-187

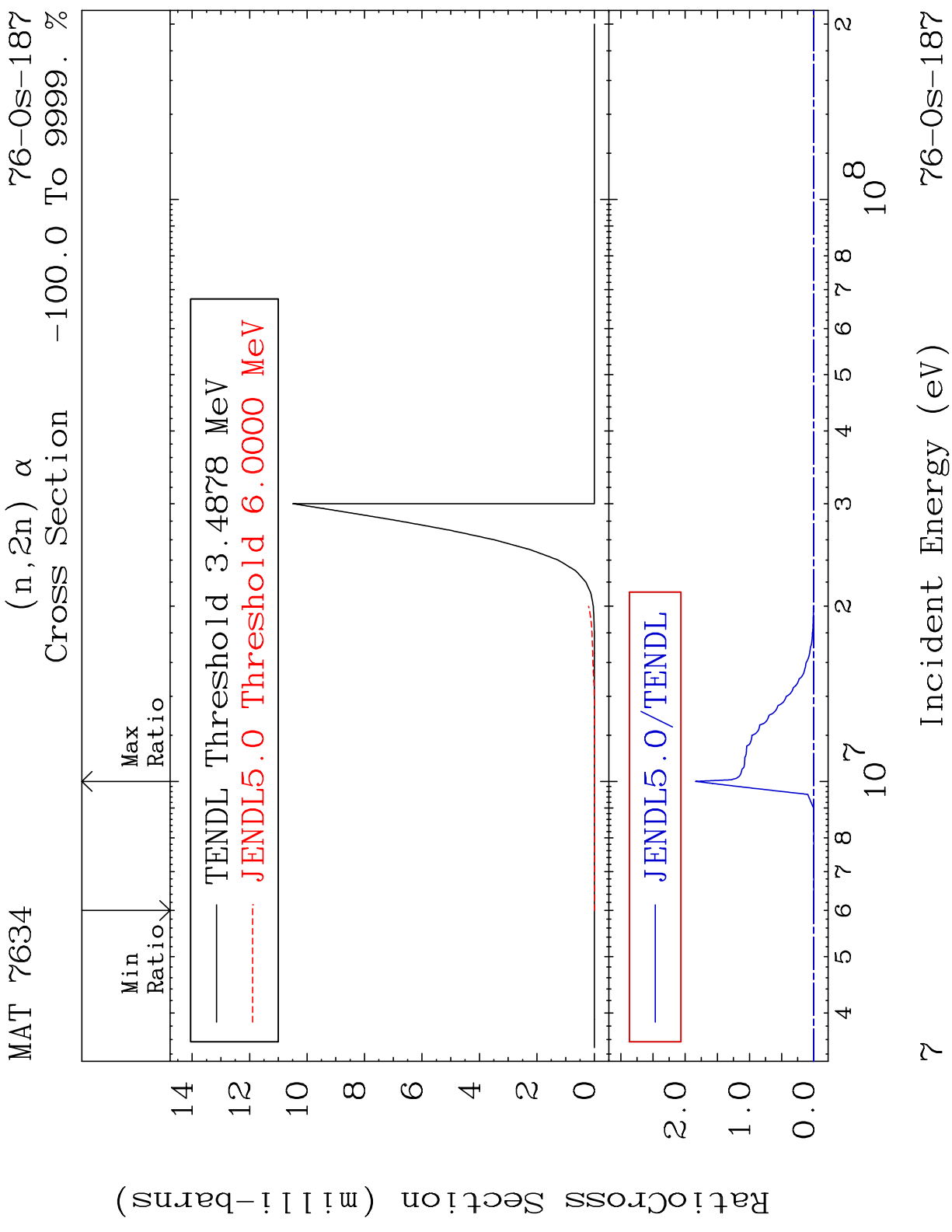
Cross Section -100.0 To 9999. %



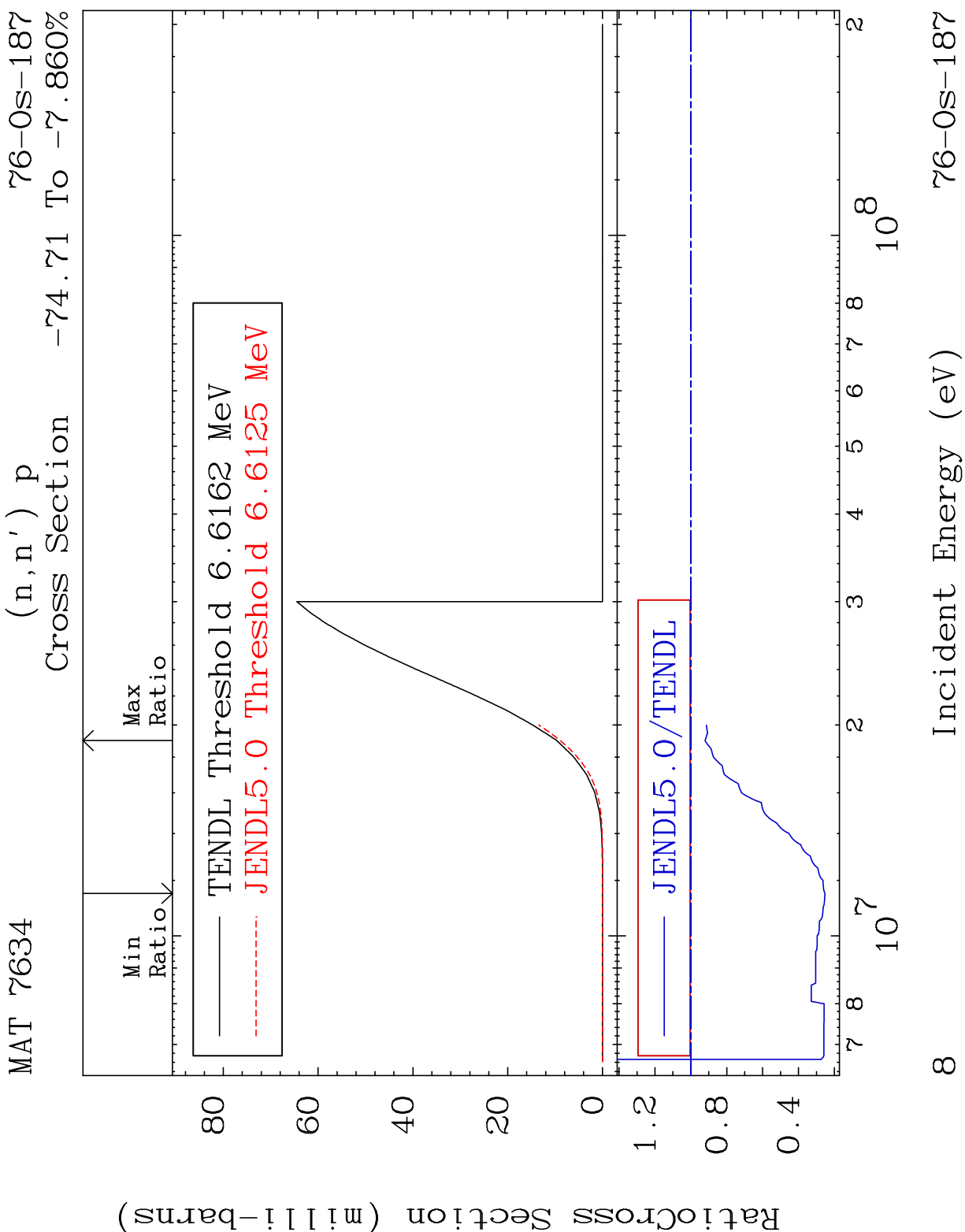
6

Incident Energy (eV)

76-Os-187





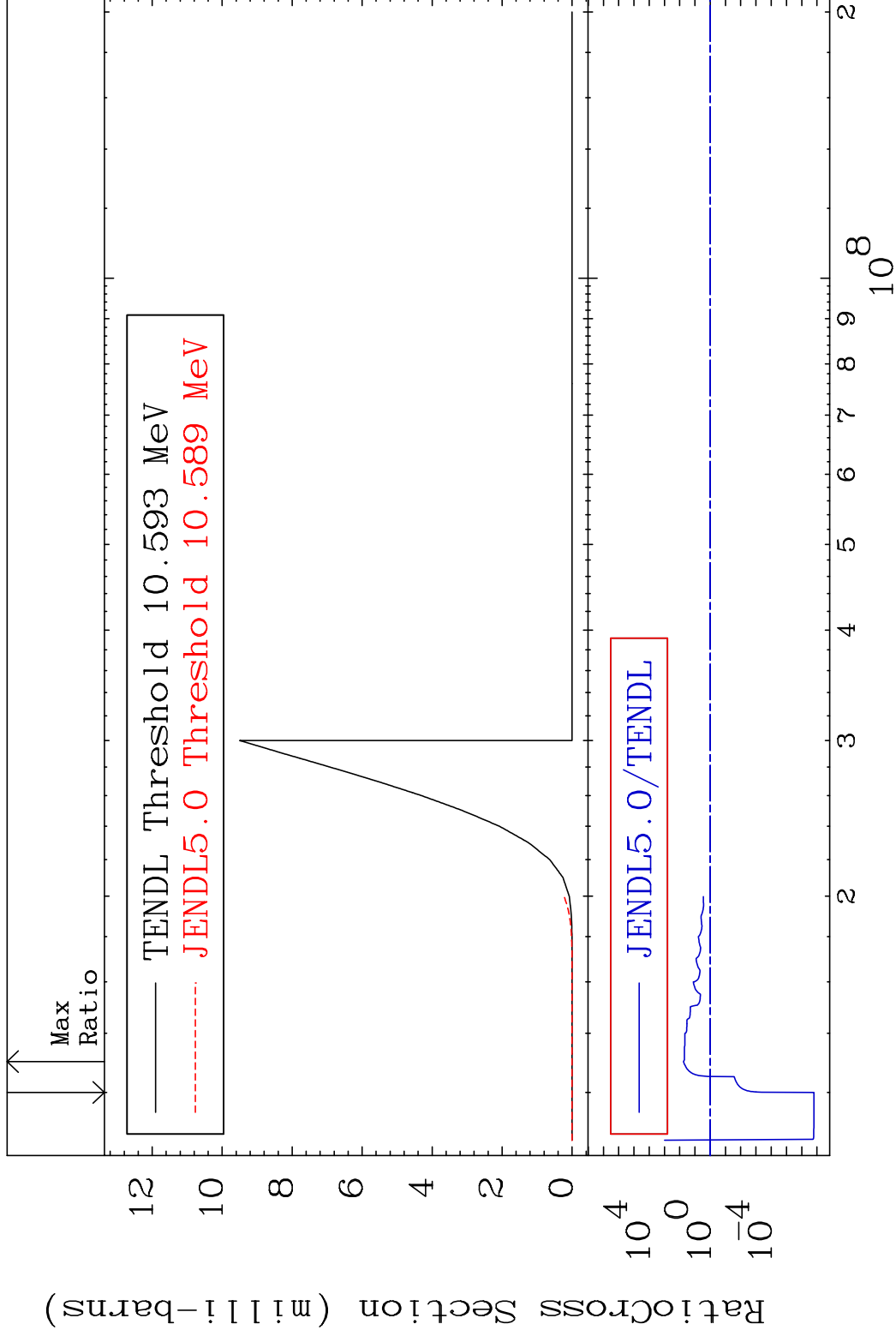


MAT 7634

(n, n') d

76-0s-187

Cross Section -100.0 To 5576. %

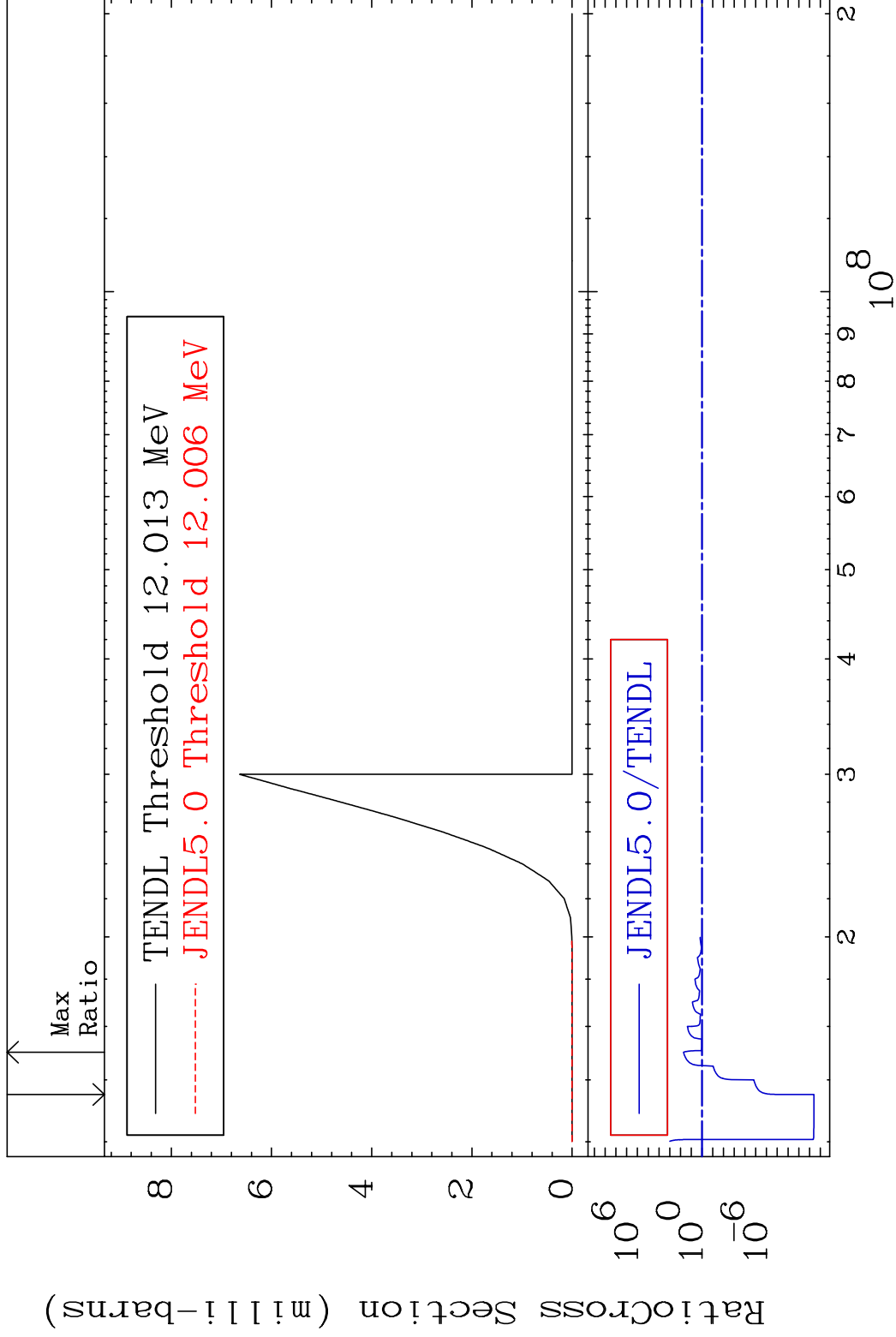


MAT 7634

(n, n') t

76-0s-187

Cross Section -100.0 To 5175. %

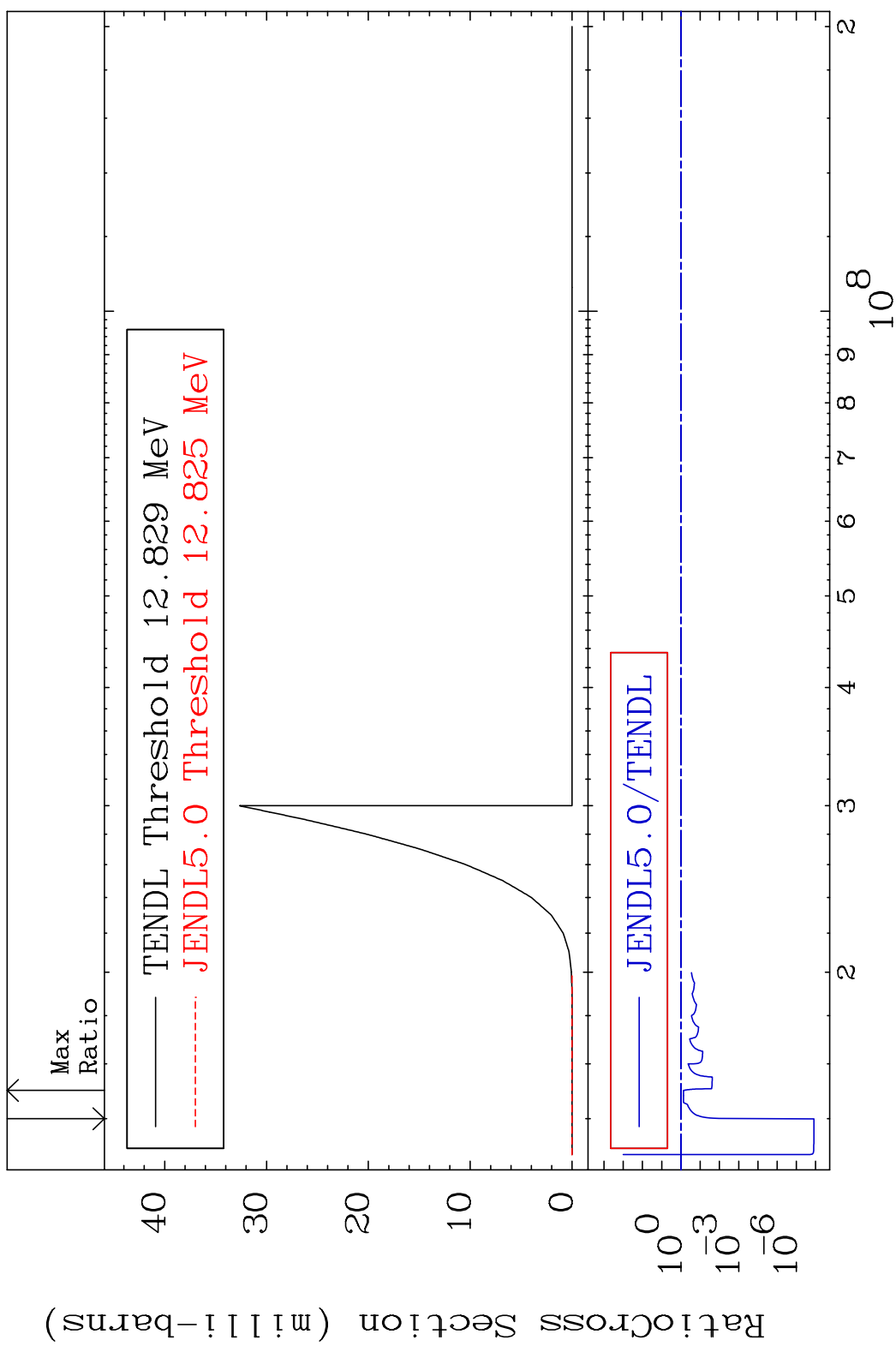


10

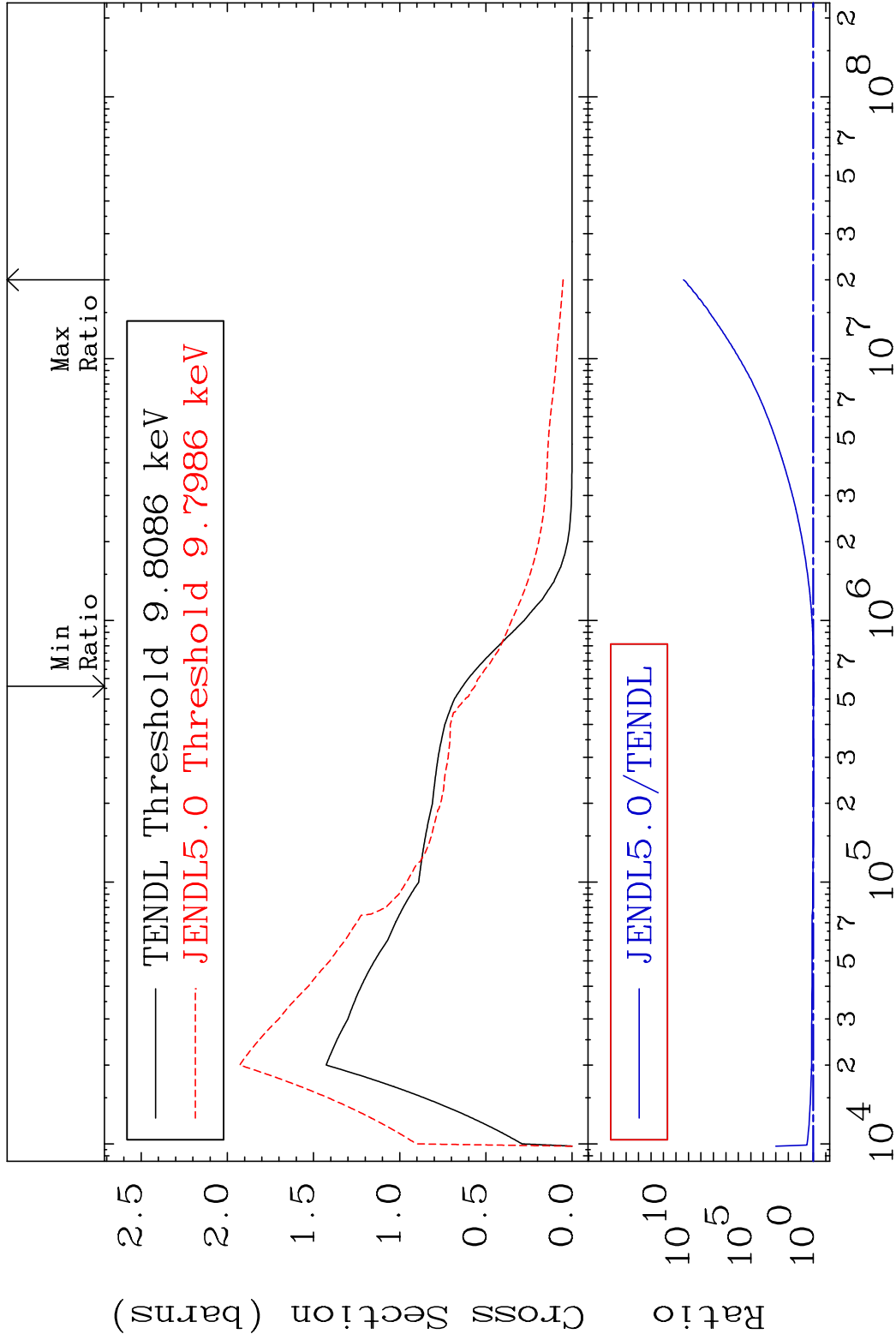
Incident Energy (eV)

76-0s-187

MAT 7634 (n,2n) p 76-0s-187  
 Cross Section -100.0 To -25.91%

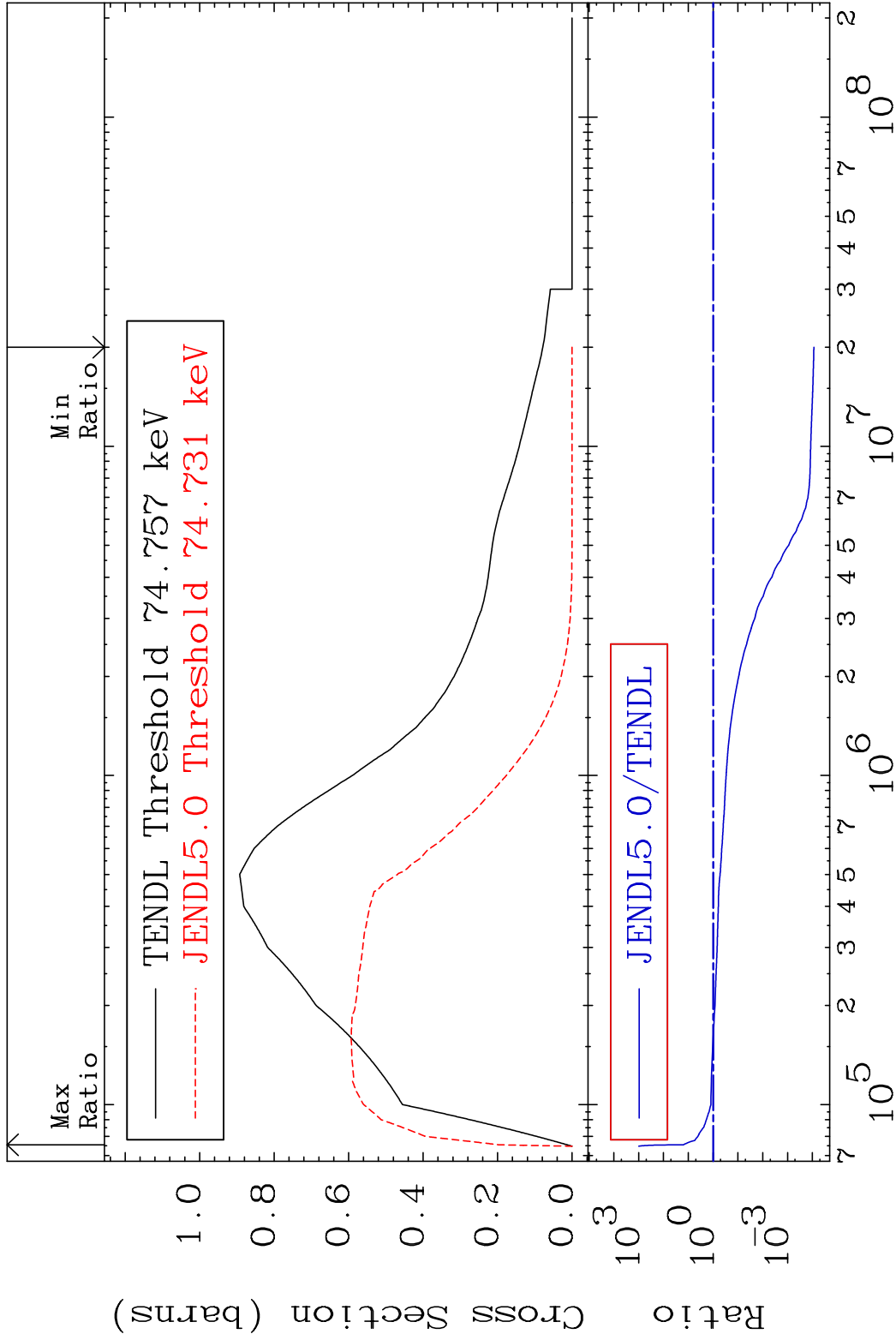


MAT 7634 MT= 51 (n, n') Level 76-0s-187  
 Cross Section -11.26 To 9999. %



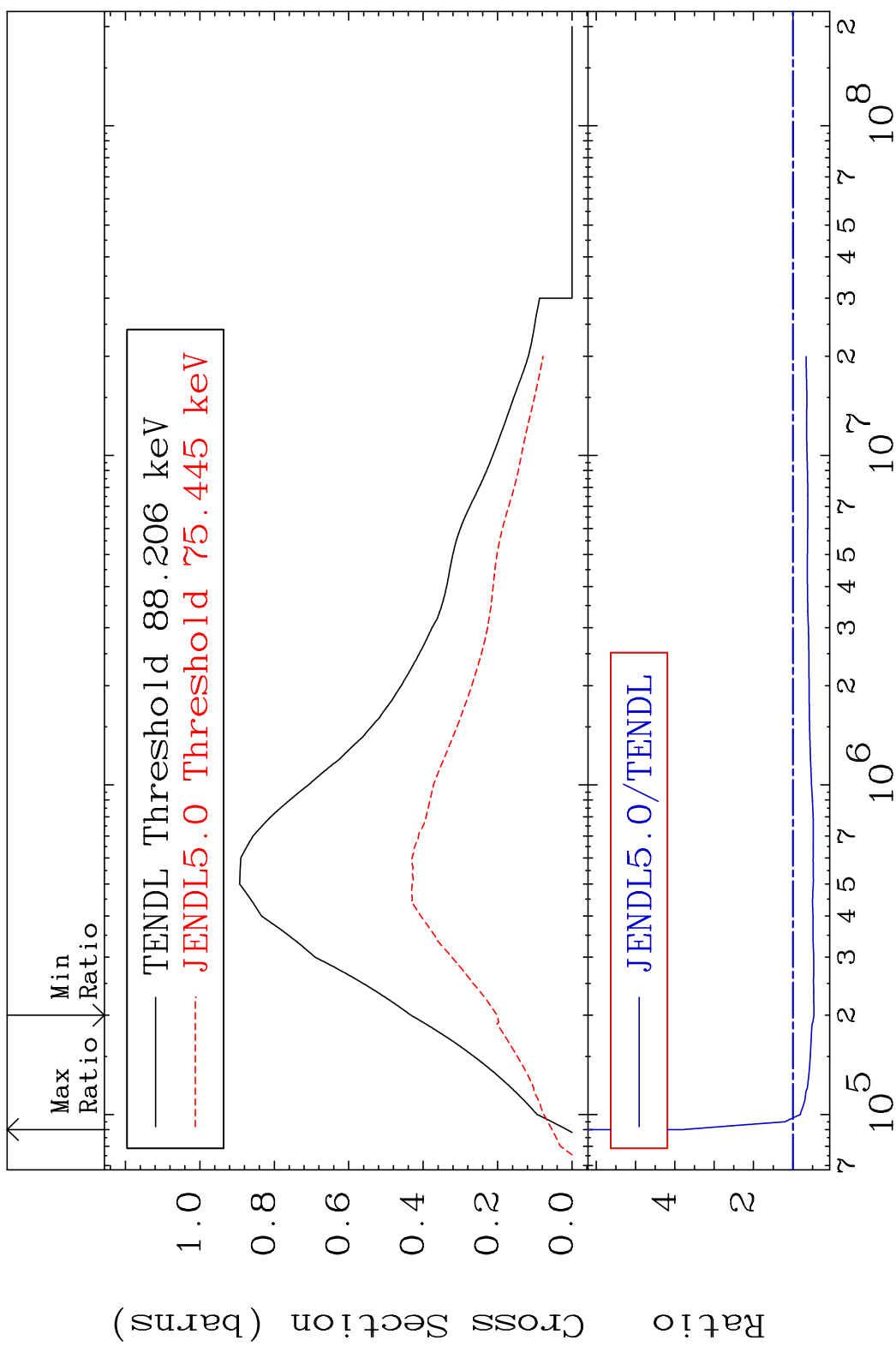
12 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 52 (n, n') Level 76-0s-187  
 Cross Section -99.99 To 1469. %



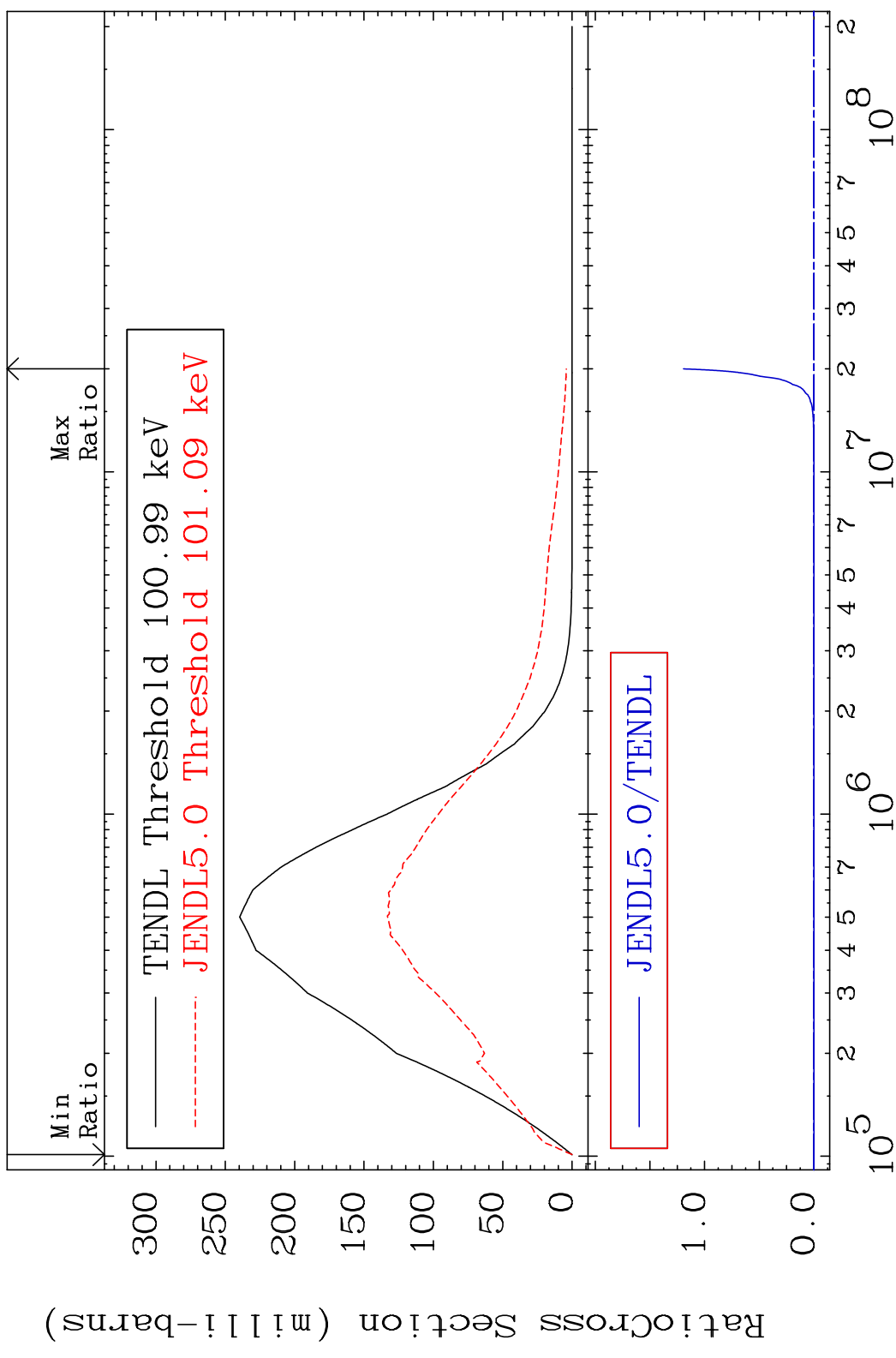
13 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 53 (n, n') Level 76-0s-187  
 Cross Section -53.48 To 278.1 %



14 Incident Energy (eV) 76-0s-187

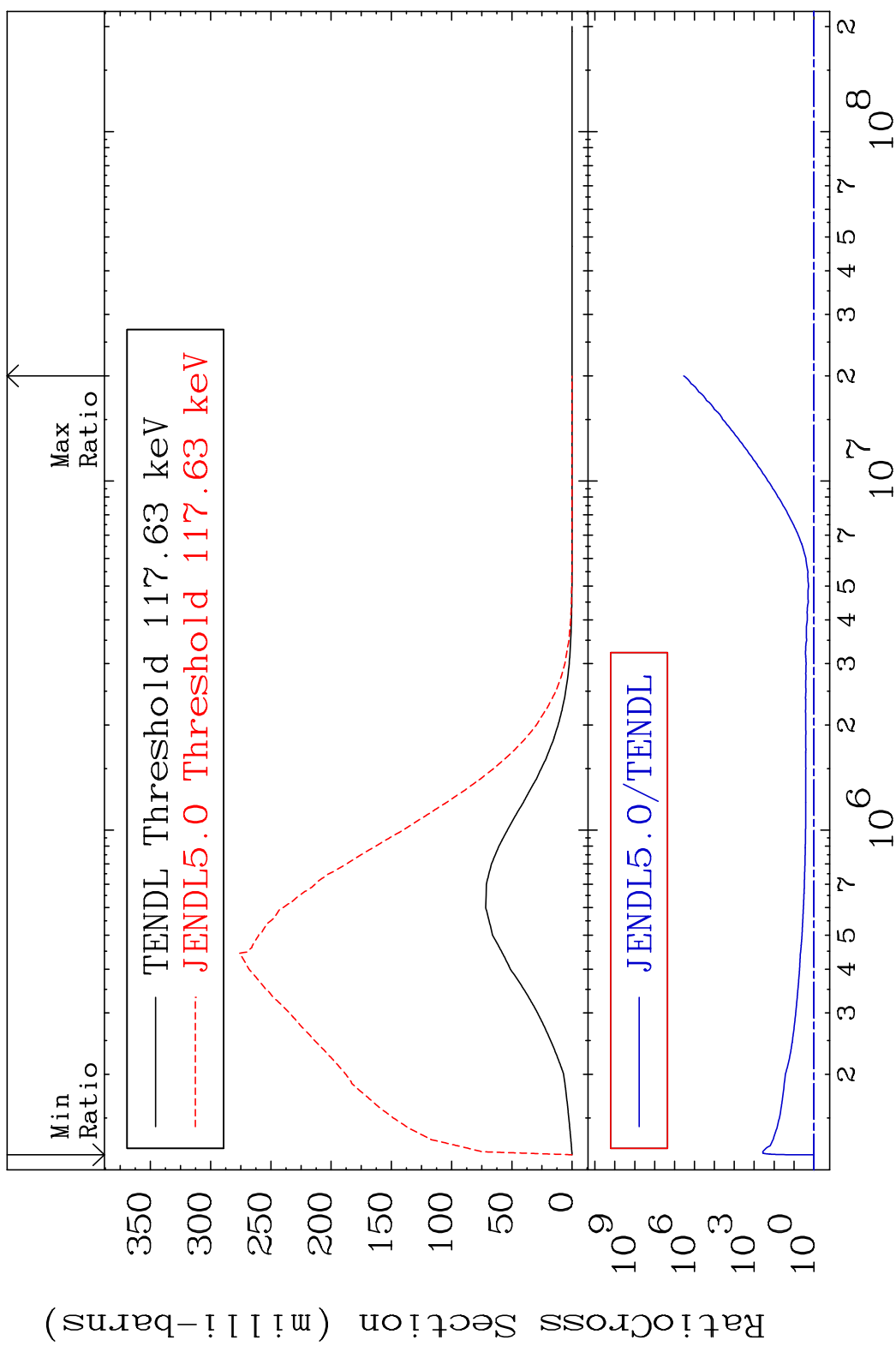
MAT 7634 MT= 54 (n, n') Level 76-0s-187  
 Cross Section -100.0 To 9999. %



15 Incident Energy (eV) 76-0s-187

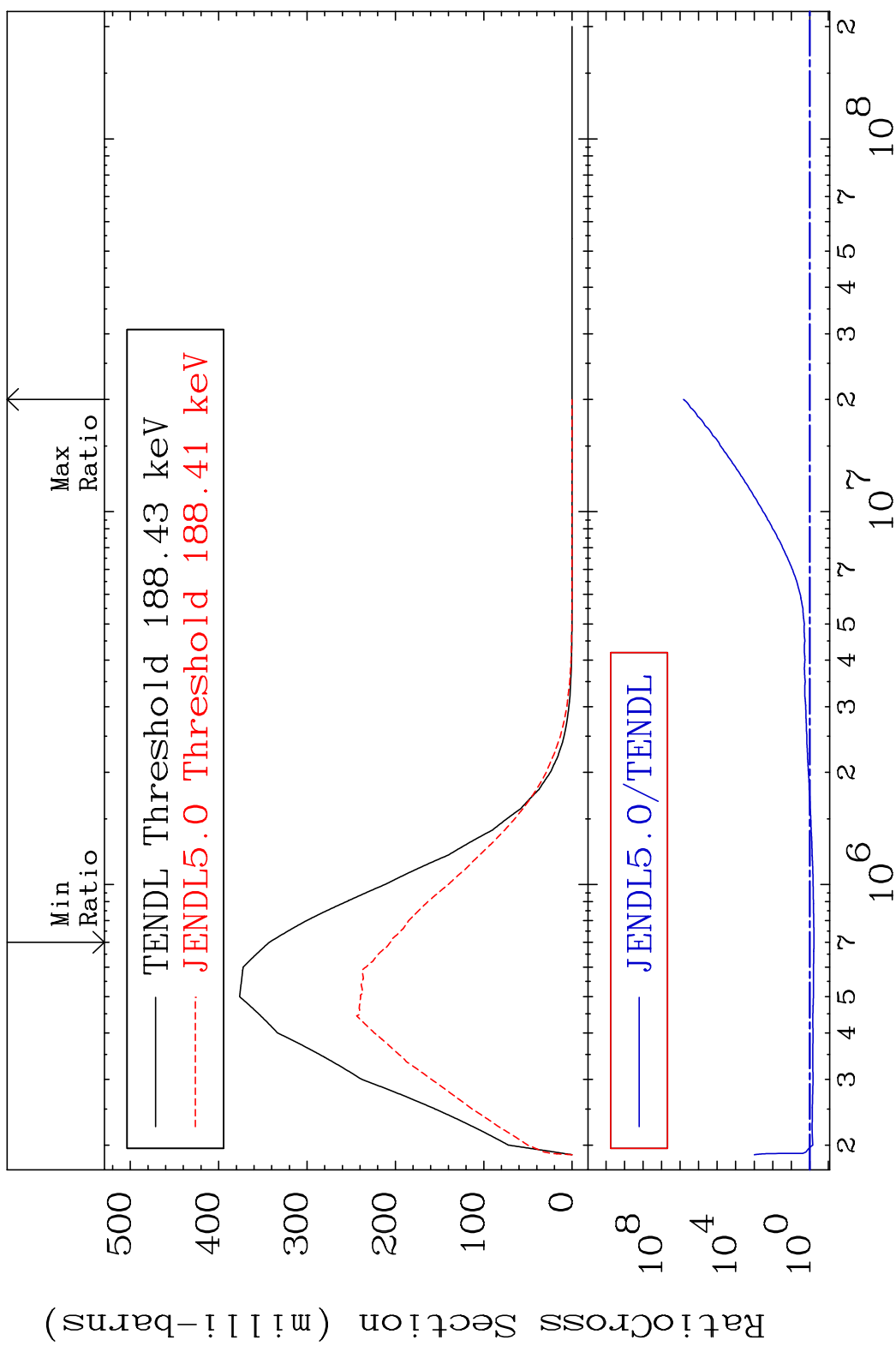


MAT 7634 MT= 55 (n, n') Level 76-0s-187  
 Cross Section 0.000 To 9999. %



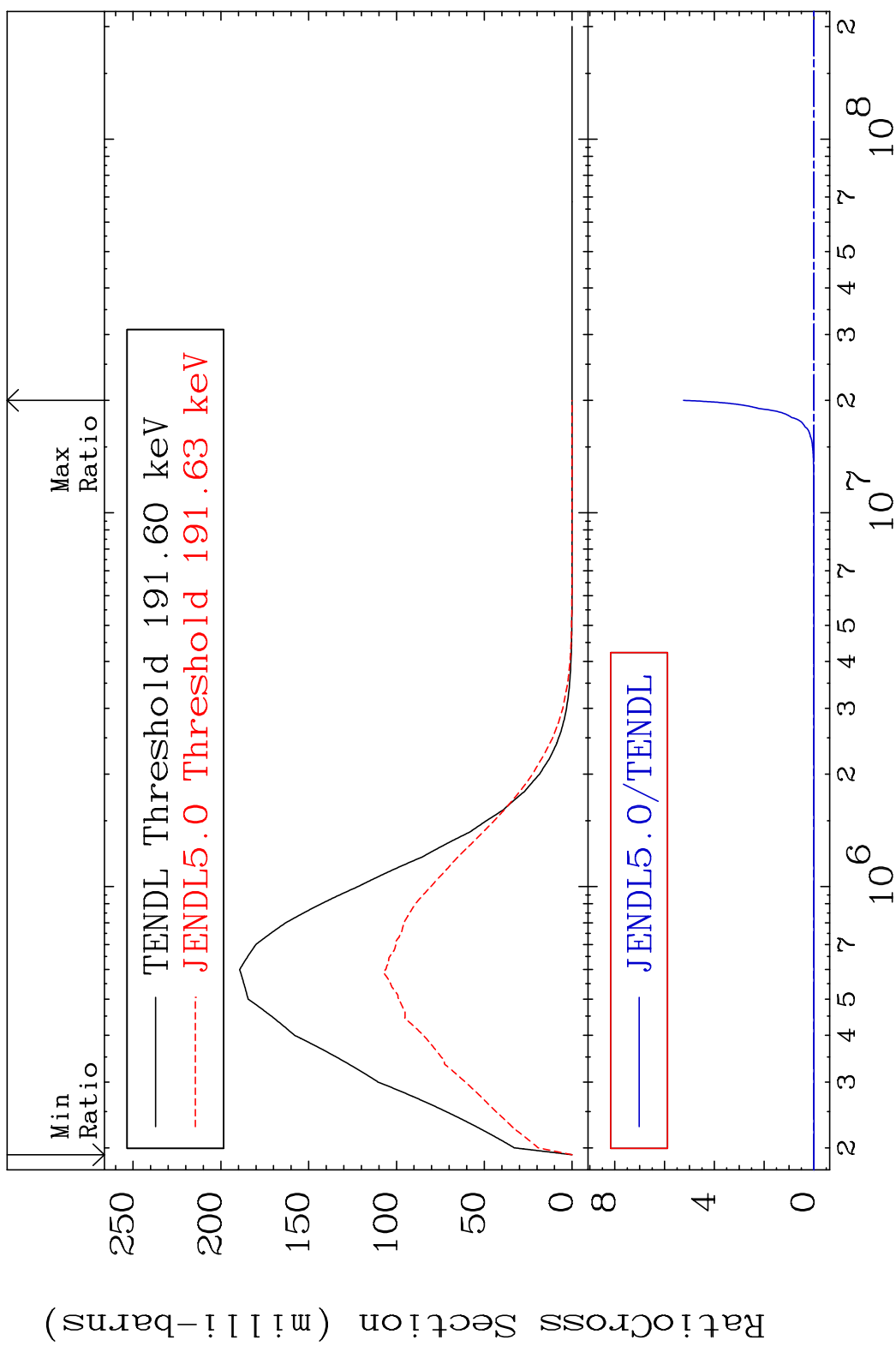
16 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 56 (n, n') Level 76-Os-187  
 Cross Section -39.96 To 9999. %



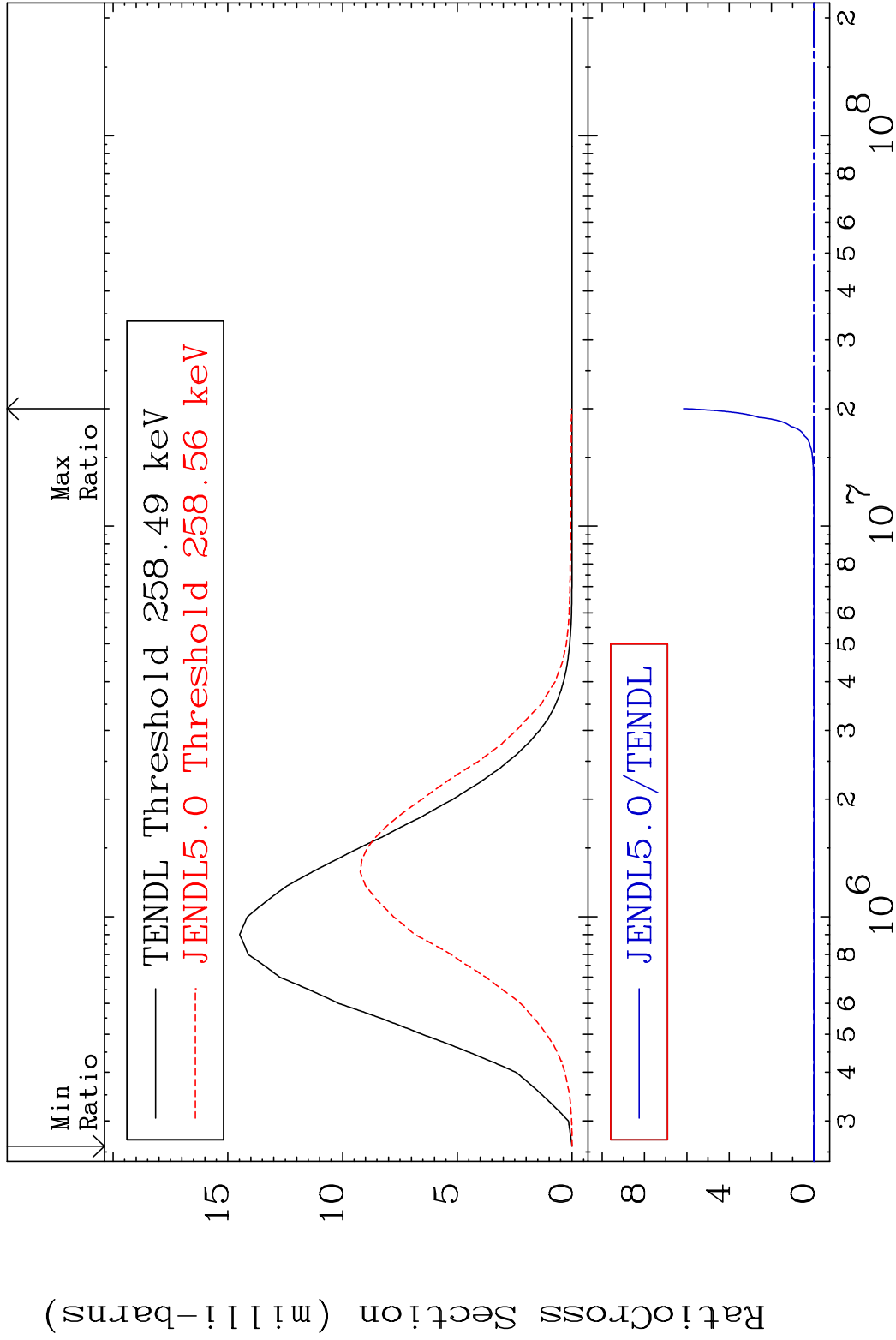
17 Incident Energy (eV) 76-Os-187

MAT 7634 MT= 57 (n, n') Level 76-0s-187  
 Cross Section -100.0 To 9999. %



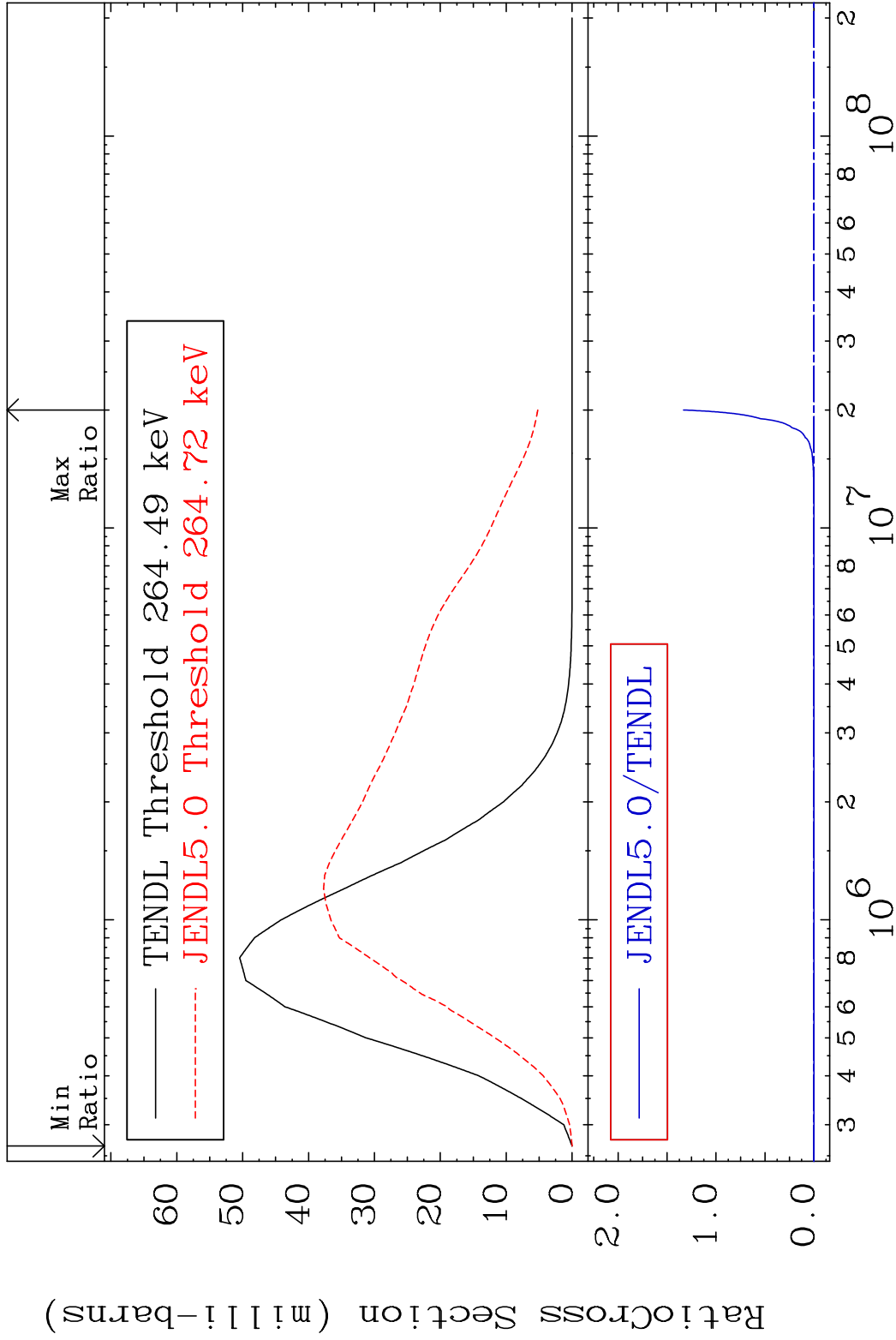
18 76-0s-187

MAT 7634 MT= 58 (n, n') Level 76-0s-187  
 Cross Section -100.0 To 9999. %



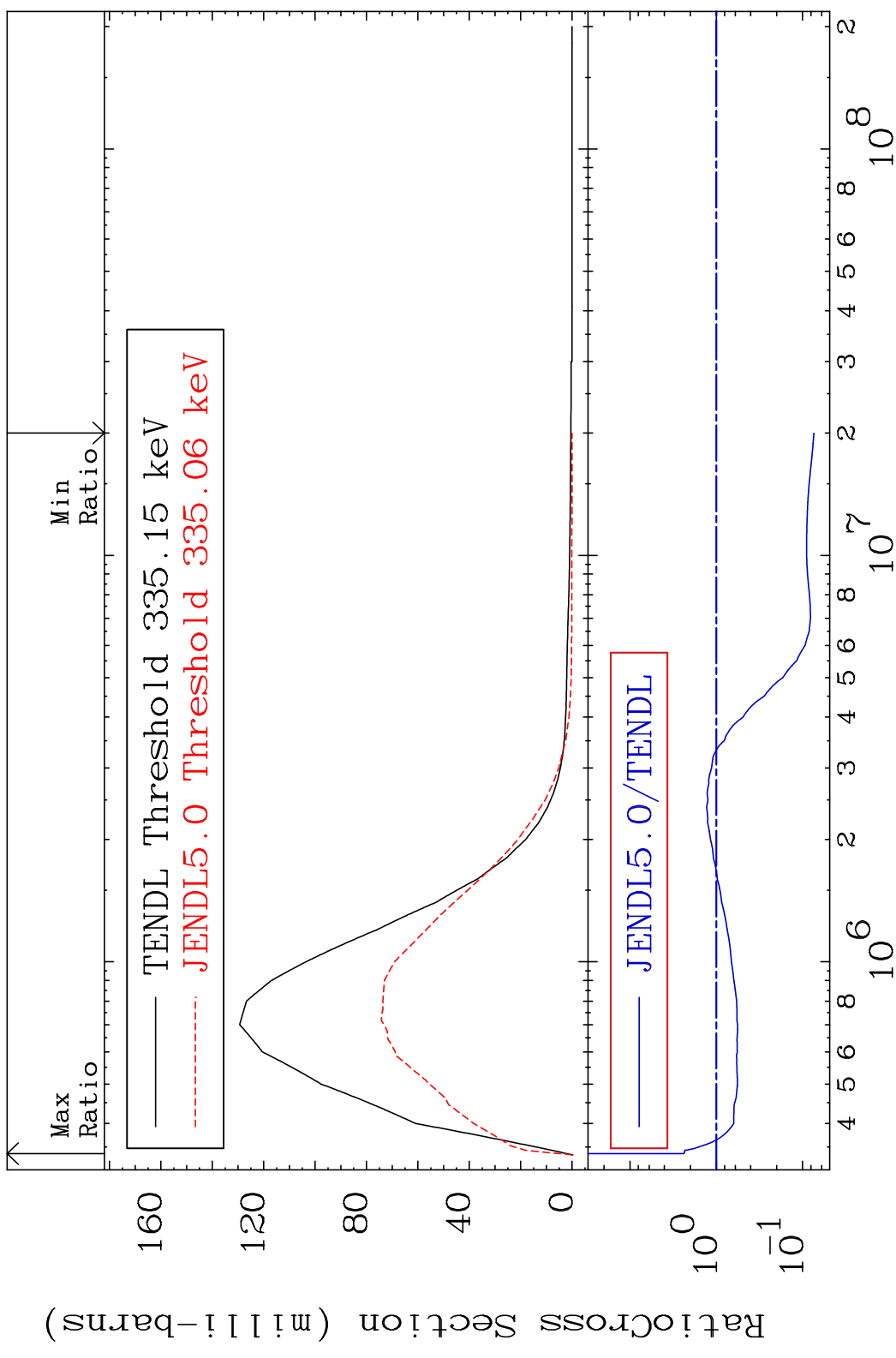
19 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 59 (n, n') Level 76-0s-187  
 Cross Section -100.0 To 9999. %



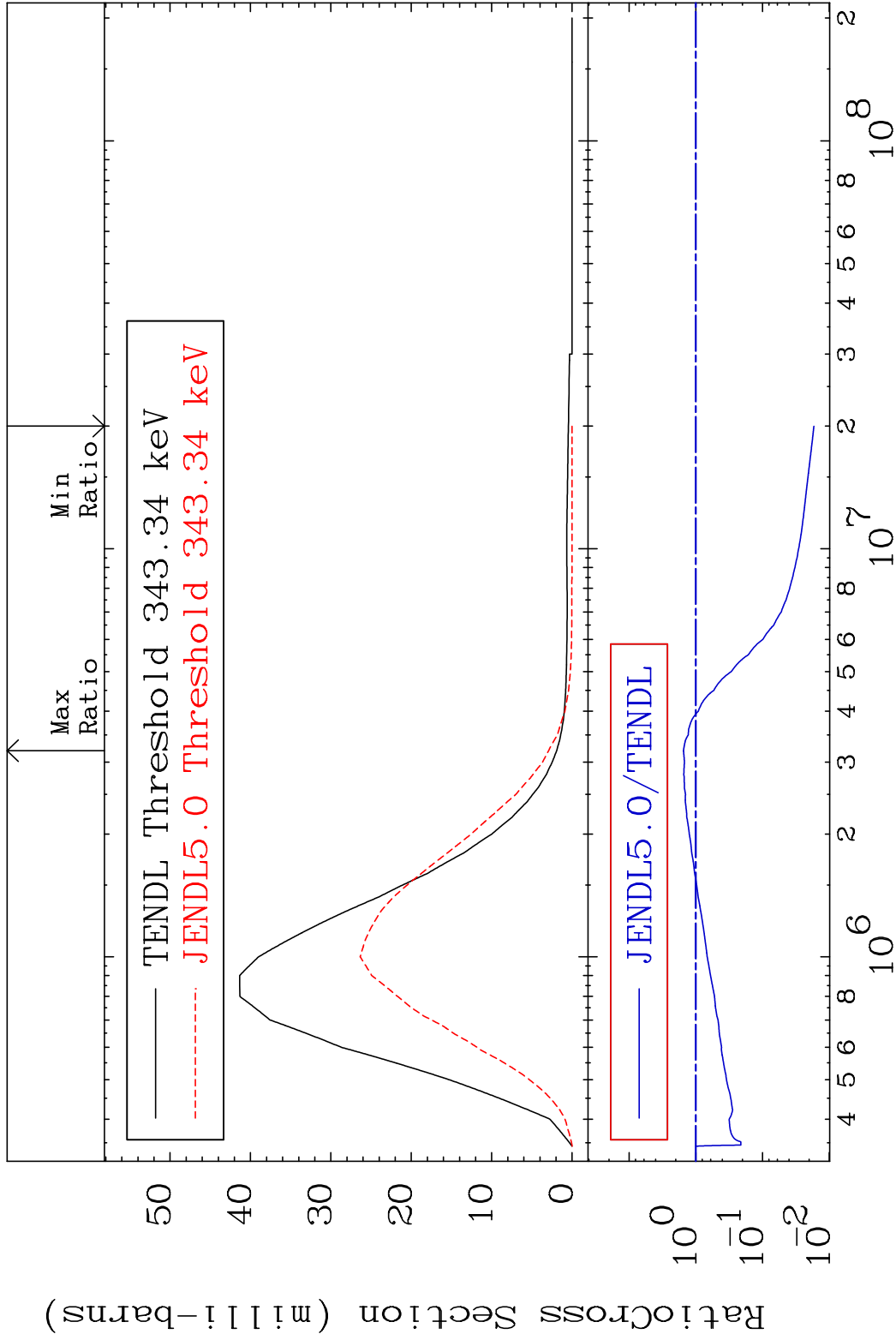
20 76-0s-187

MAT 7634 MT= 60 (n, n') Level 76-0s-187  
 Cross Section -92.60 To 140.1 %



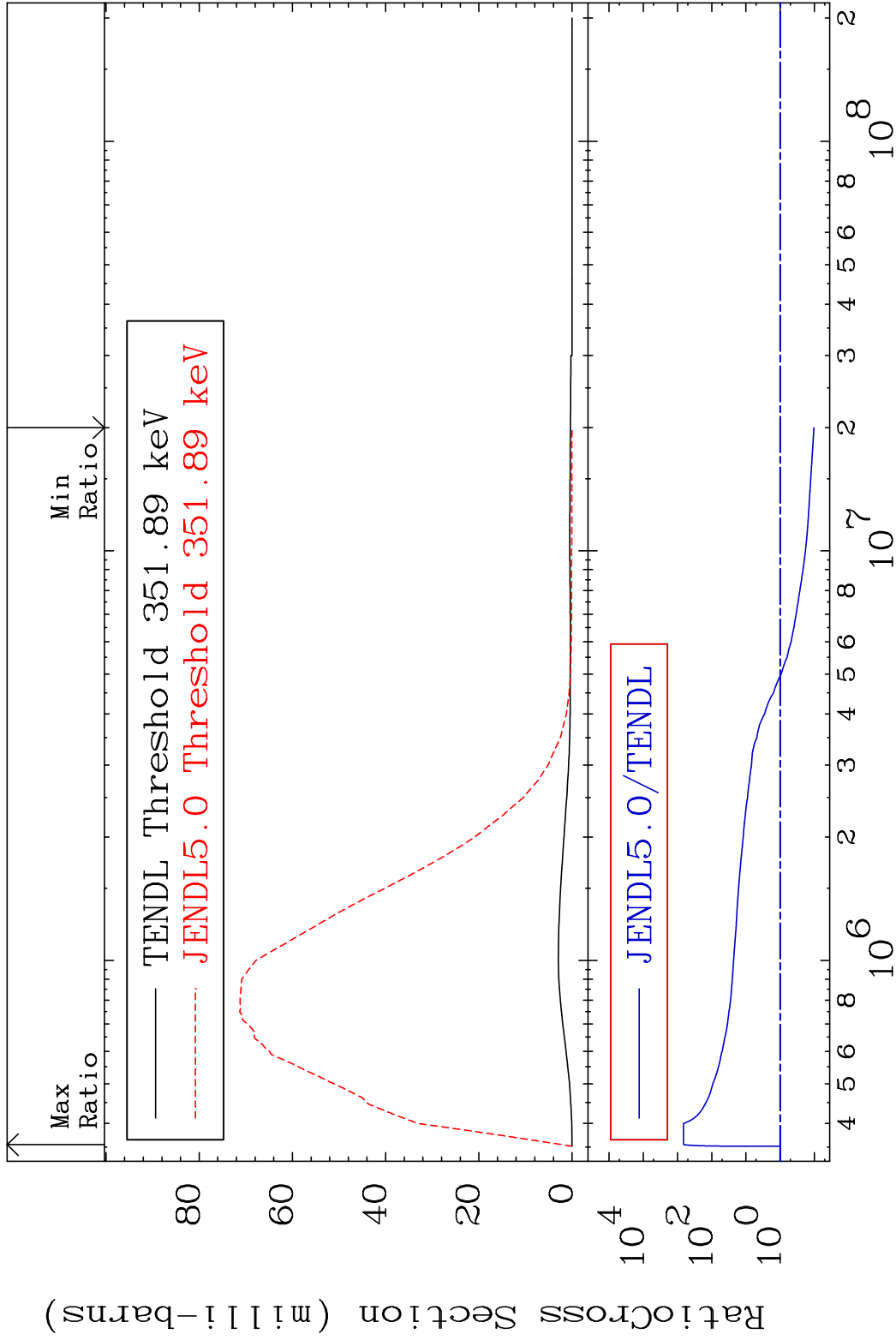
21 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 61 (n, n') Level 76-0s-187  
 Cross Section -98.30 To 53.34 %



22 76-0s-187

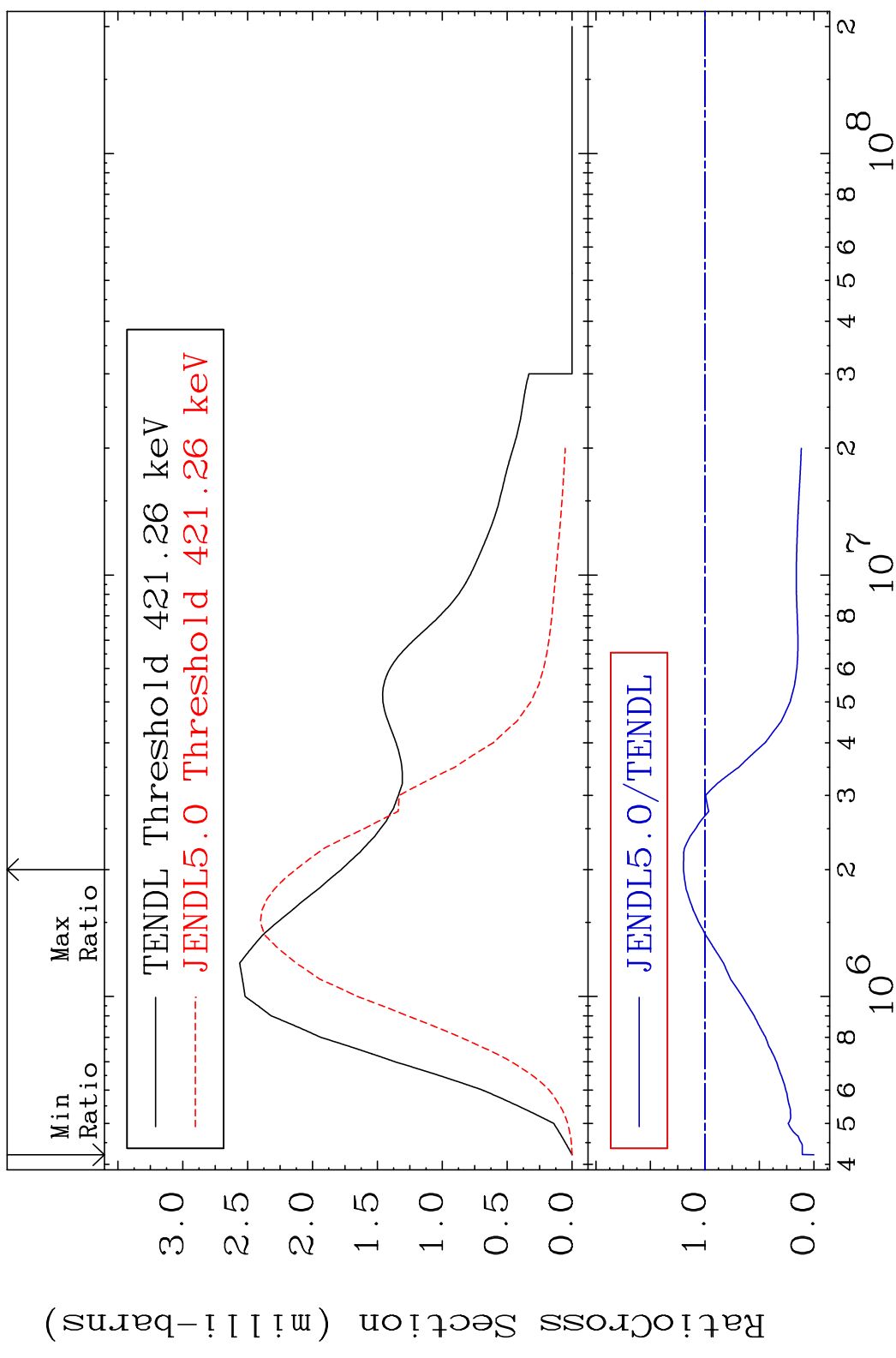
MAT 7634 MT= 62 (n, n') Level 76-0s-187  
 Cross Section -89.65 To 9999. %



23 Incident Energy (eV) 76-0s-187

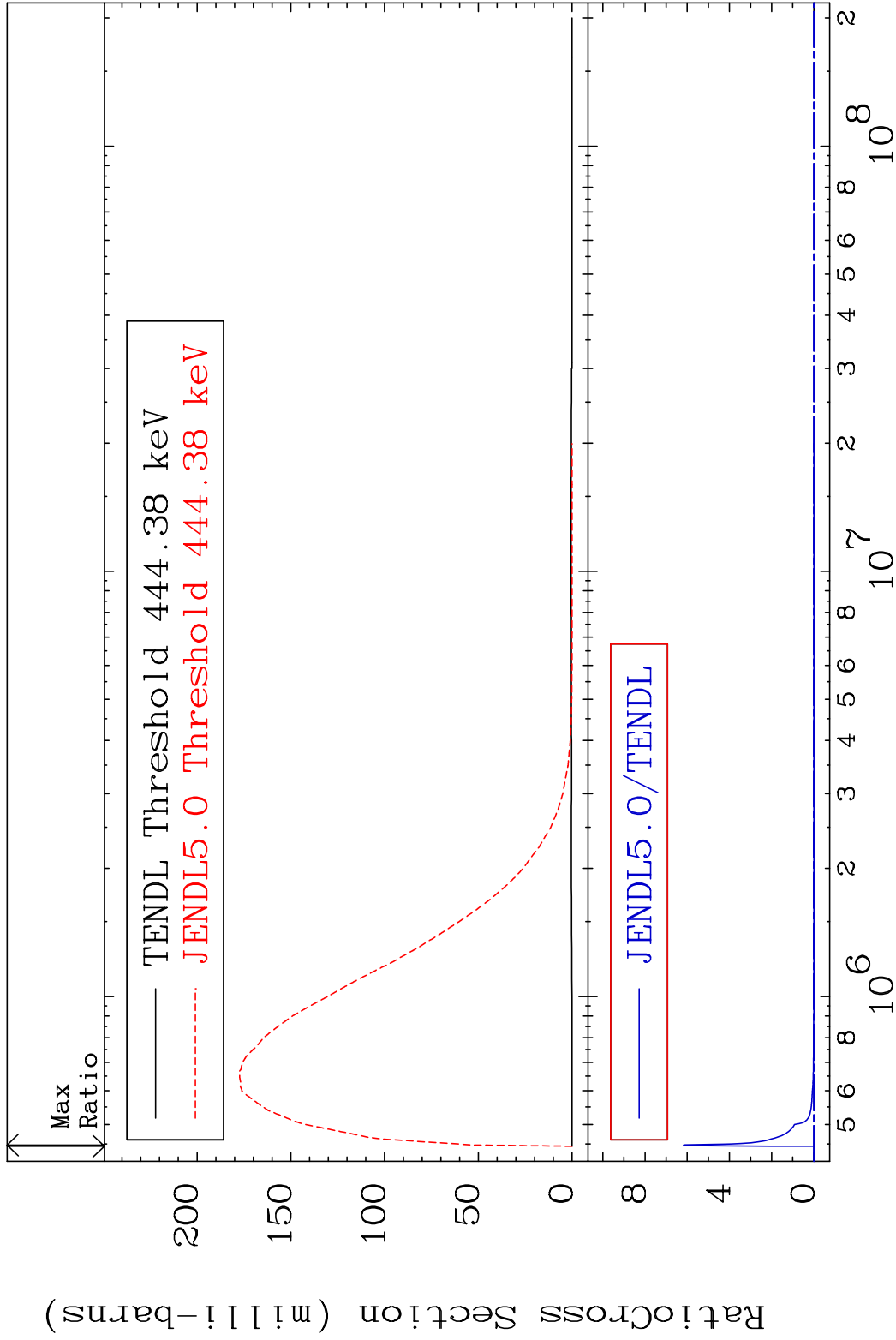


MAT 7634 MT= 63 (n, n') Level 76-0s-187  
 Cross Section -100.0 To 19.72 %



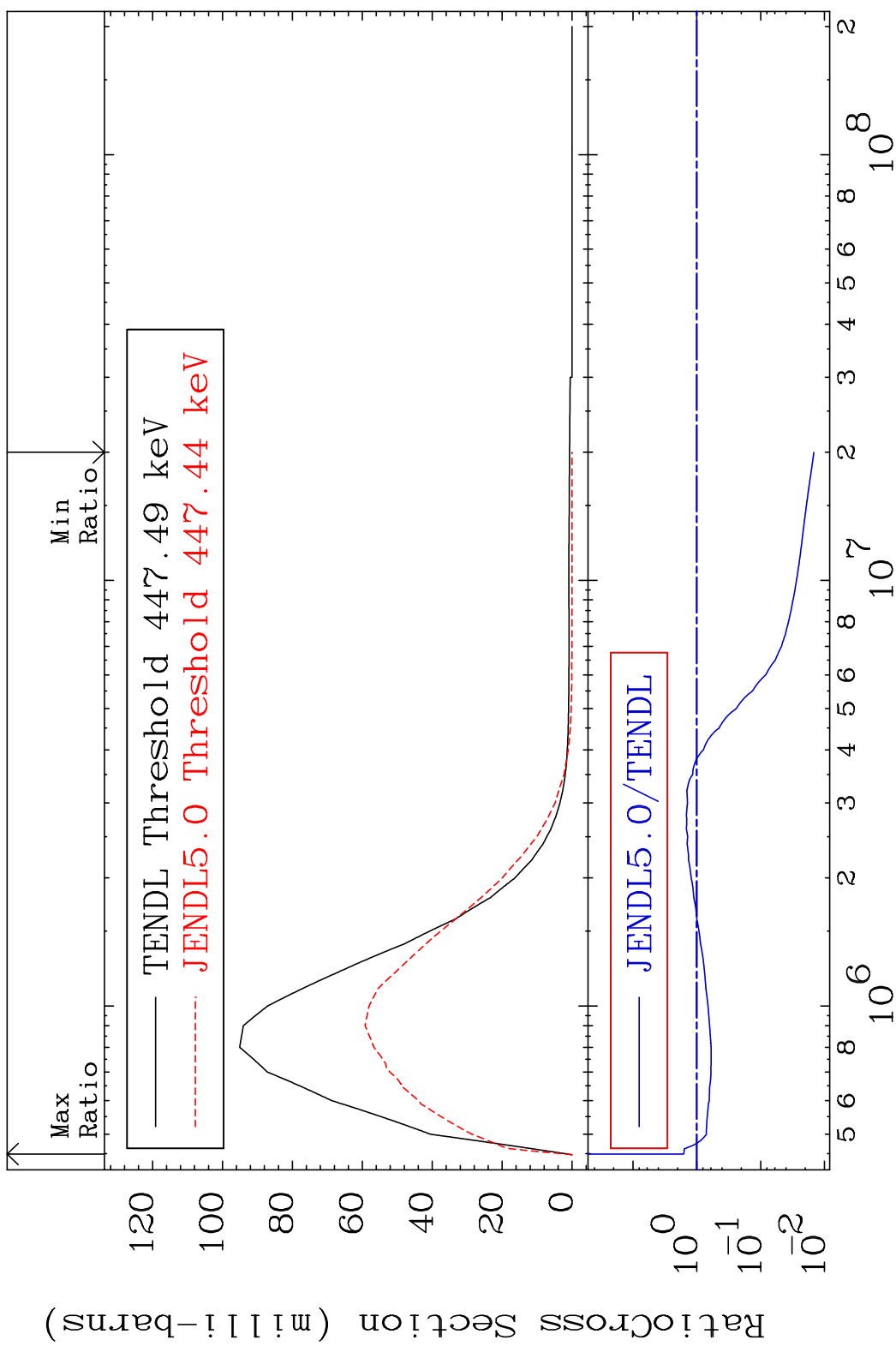
24 Incident Energy (eV) 76-0s-187

MAT 7634 MT= 64 (n, n') Level 76-0s-187  
 Cross Section -100.0 To 9999. %



25 76-0s-187

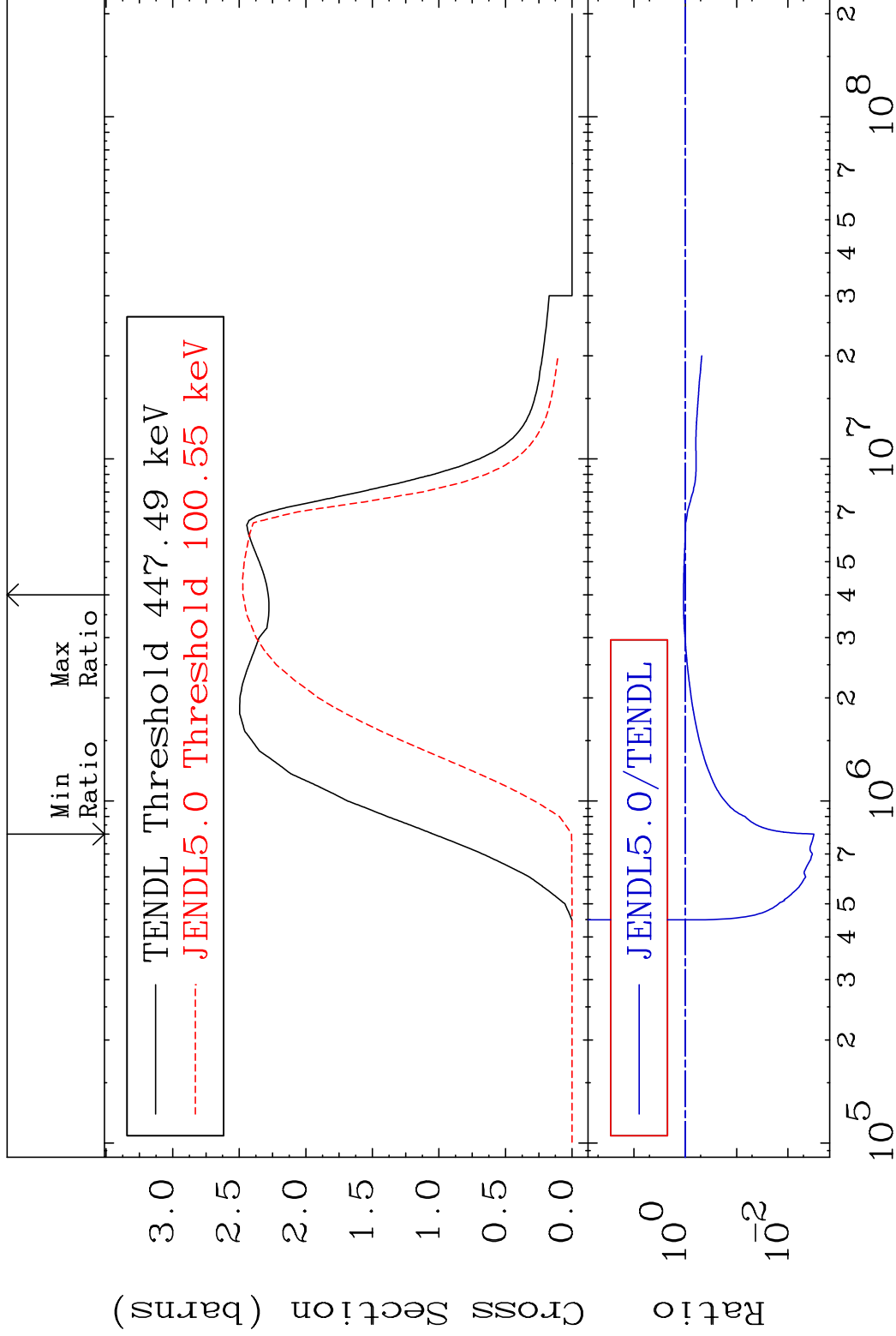
MAT 7634 MT= 65 (n, n') Level 76-0s-187  
 Cross Section -98.53 To 61.54 %



MAT 7634

(n, n') Continuum  
Cross Section -99.69 To 8.338 %

76-0s-187



27

Incident Energy (eV)

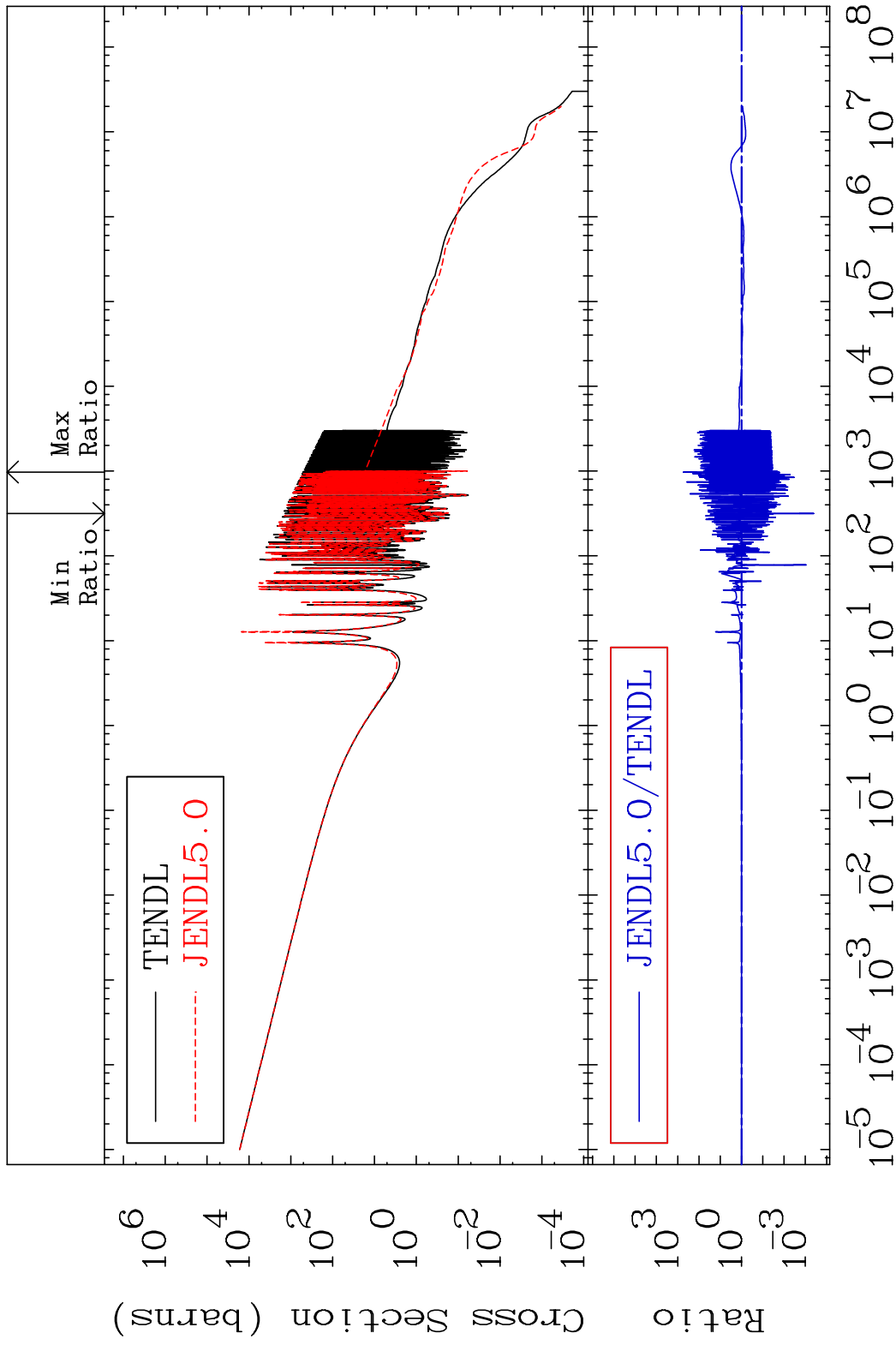
76-0s-187

MAT 7634

(n,  $\gamma$ )

76-0s-187

Cross Section -99.96 To 9999. %



28

Incident Energy (eV)

76-0s-187

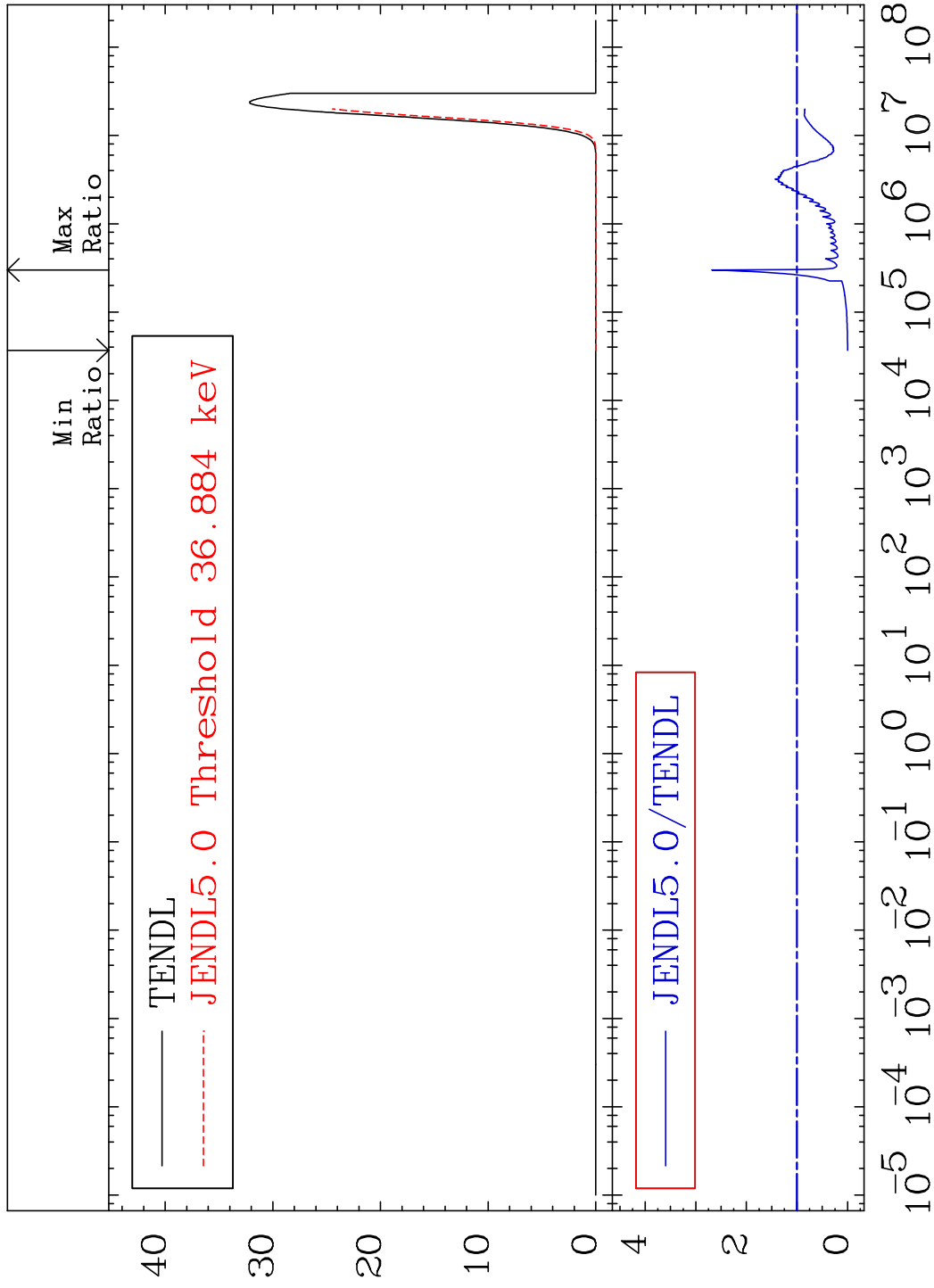
MAT 7634

(n, p)

76-Os-187

Cross Section -100.0 To 168.4 %

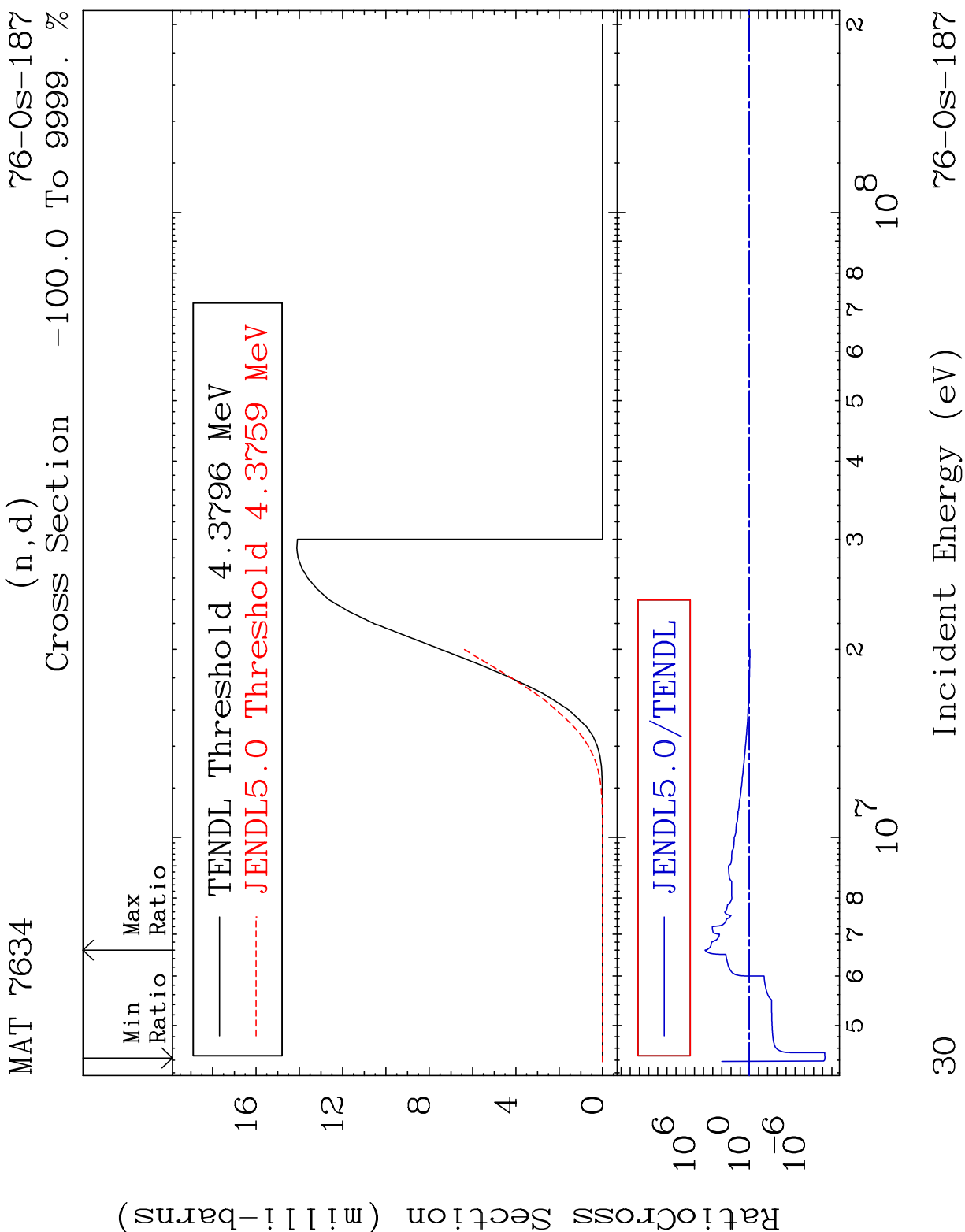
RatioCross Section (milli-barns)



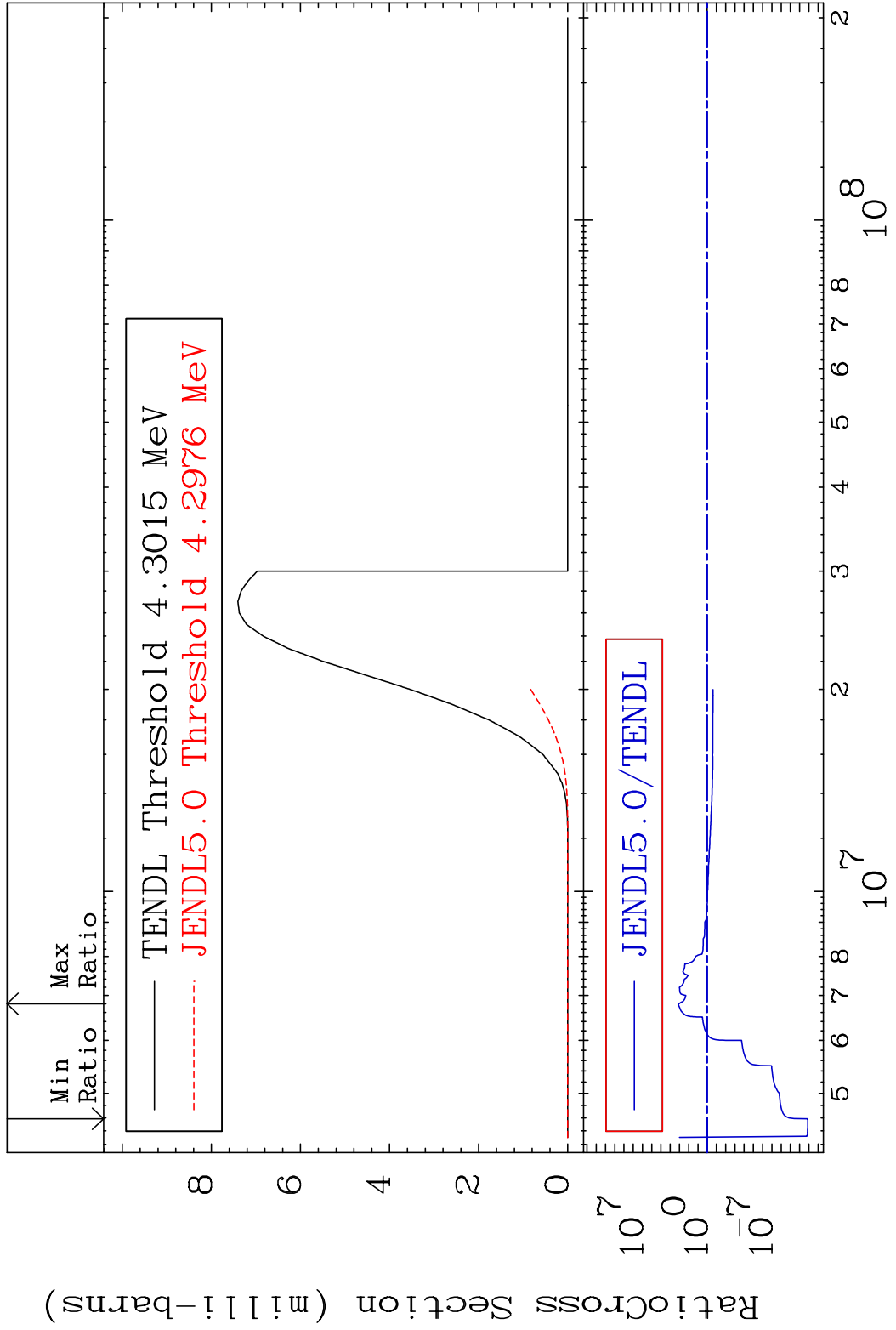
29

Incident Energy (eV)

76-Os-187



MAT 7634 (n, t) 76-Os-187  
 Cross Section -100.0 To 9999. %



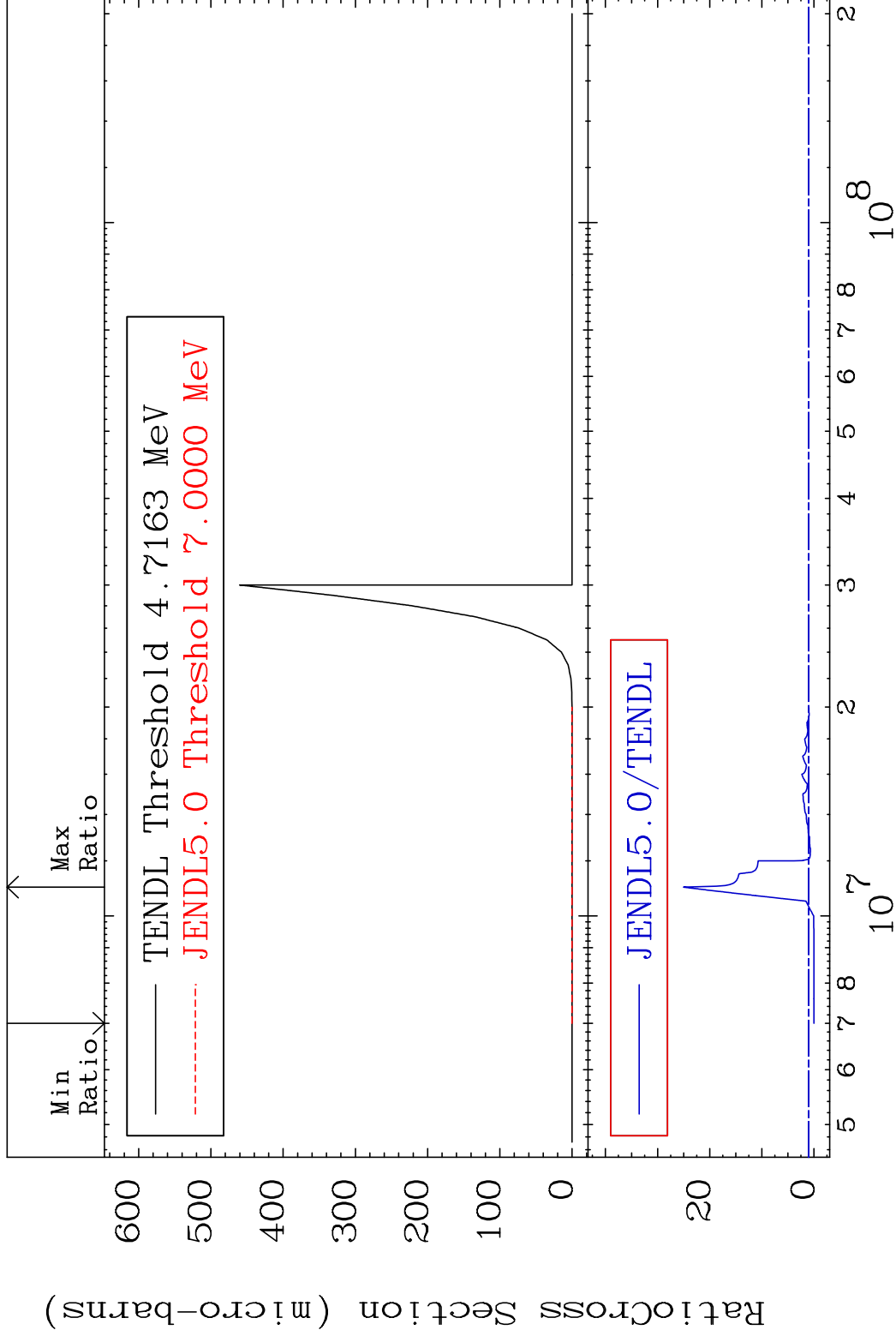


MAT 7634

(n, He-3)

76-Os-187

Cross Section -100.0 To 2403. %



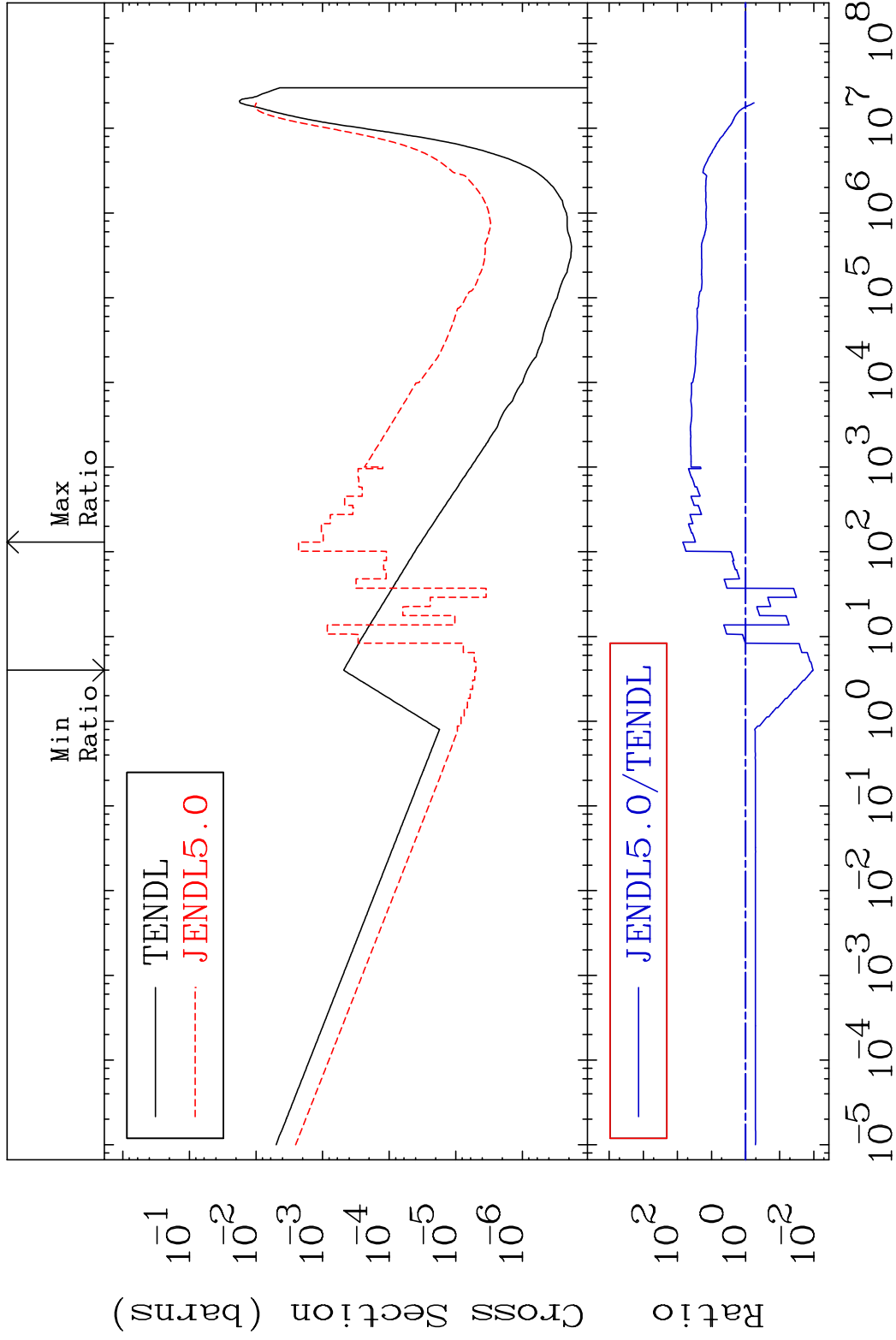
32

Incident Energy (eV)

76-Os-187

MAT 7634

(n,  $\alpha$ )  
Cross Section -98.96 To 6841. %  
76-0s-187



33

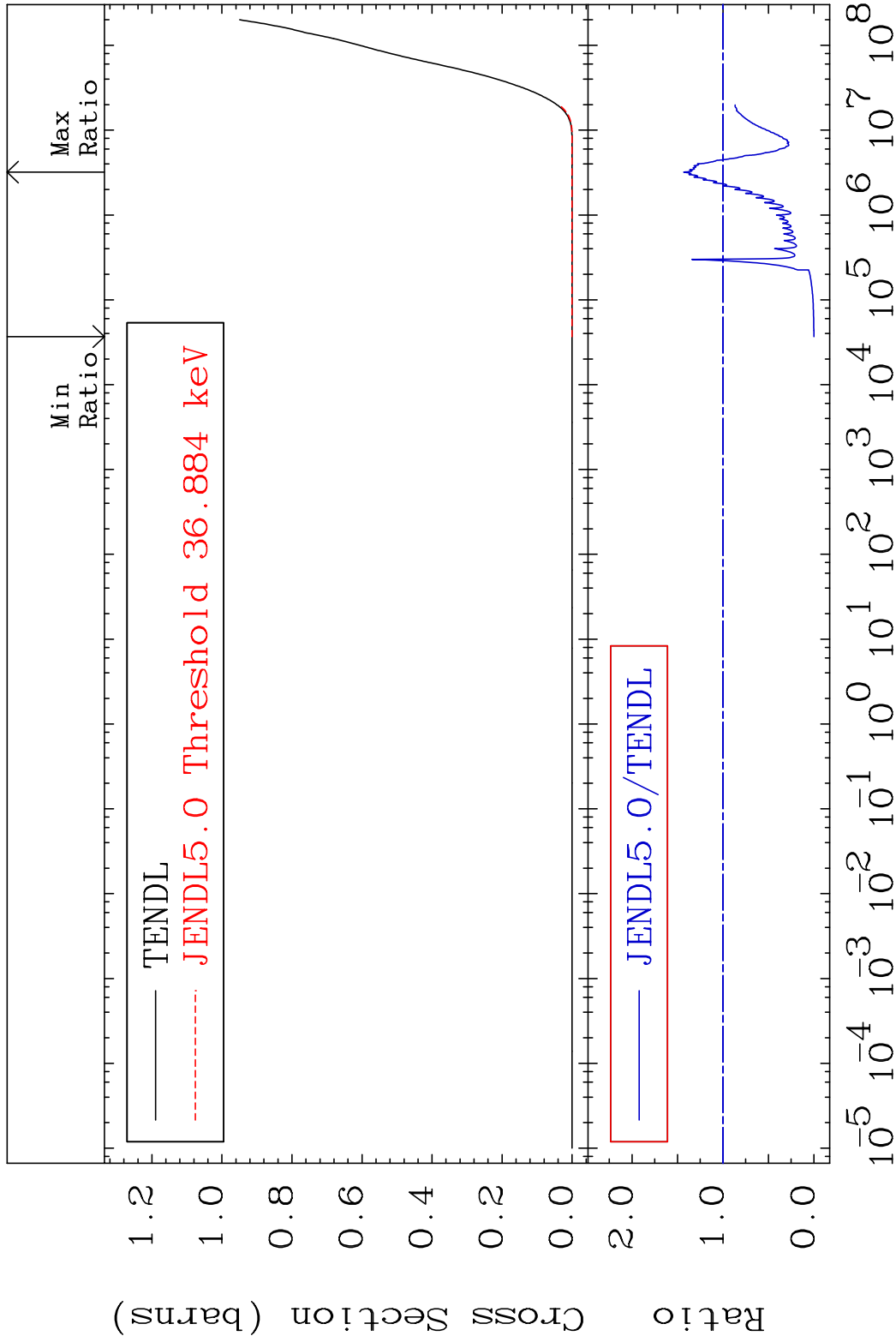
Incident Energy (eV)

76-0s-187

MAT 7634

Hydrogen Production  
Cross Section -100.0 To 43.48 %

76-Os-187  
To 43.48 %

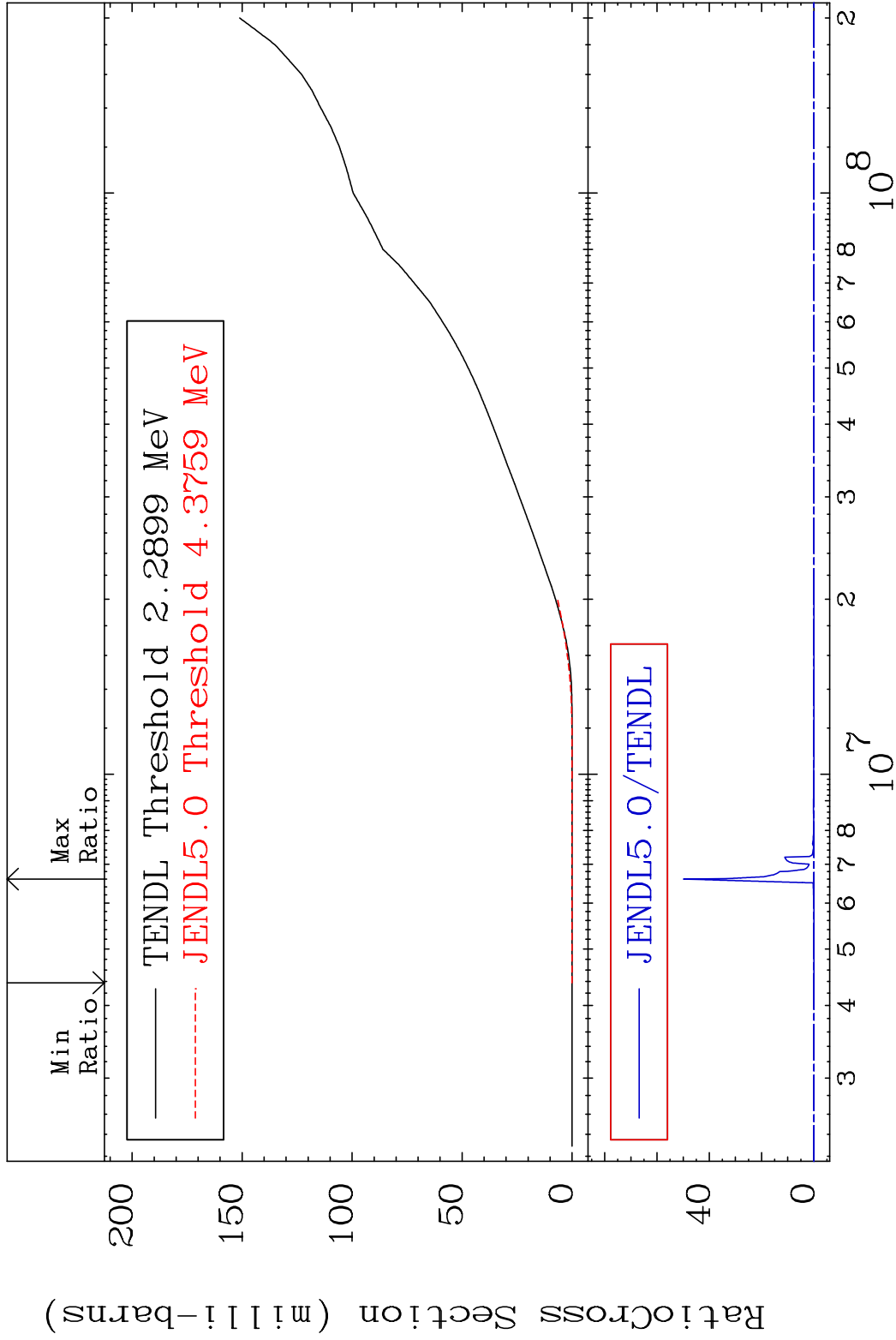


34

Incident Energy (eV)

76-Os-187

MAT 7634 Deuterium Production 76-0s-187  
 Cross Section -100.0 To 9999. %



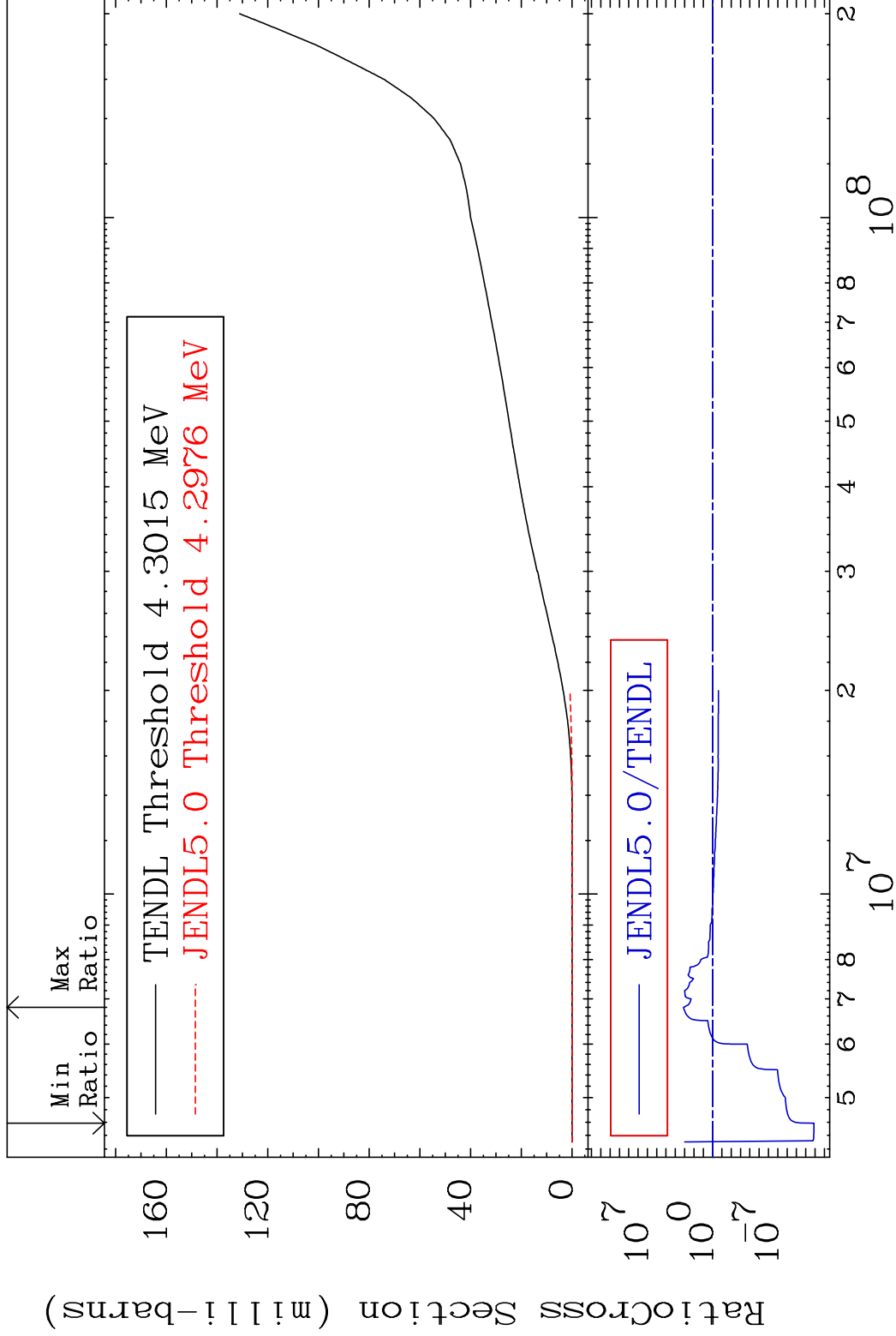
35 76-0s-187

MAT 7634

Tritium Production

76-Os-187

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

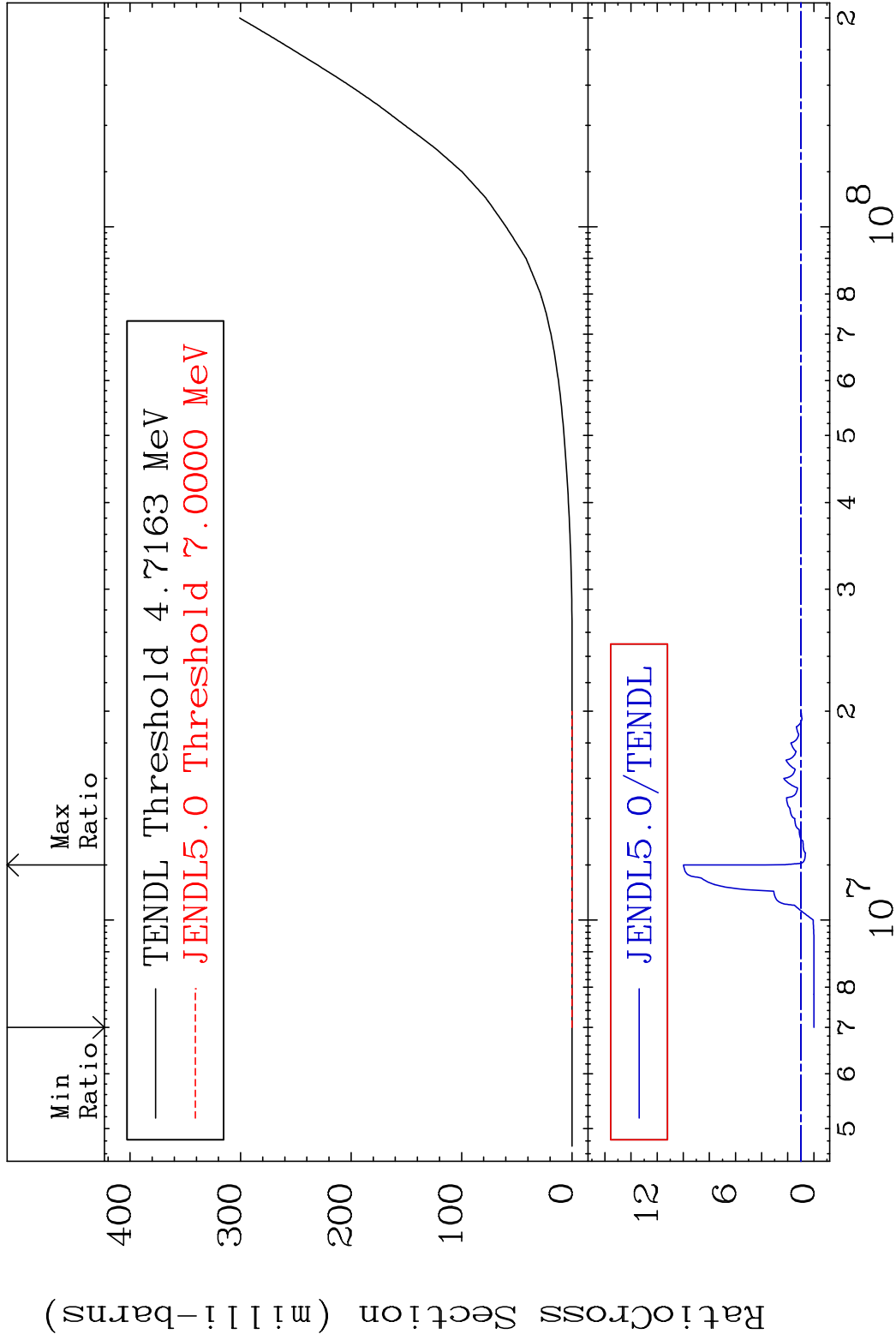
76-Os-187

MAT 7634

He-3 Production

76-Os-187

Cross Section -100.0 To 898.6 %



37

Incident Energy (eV)

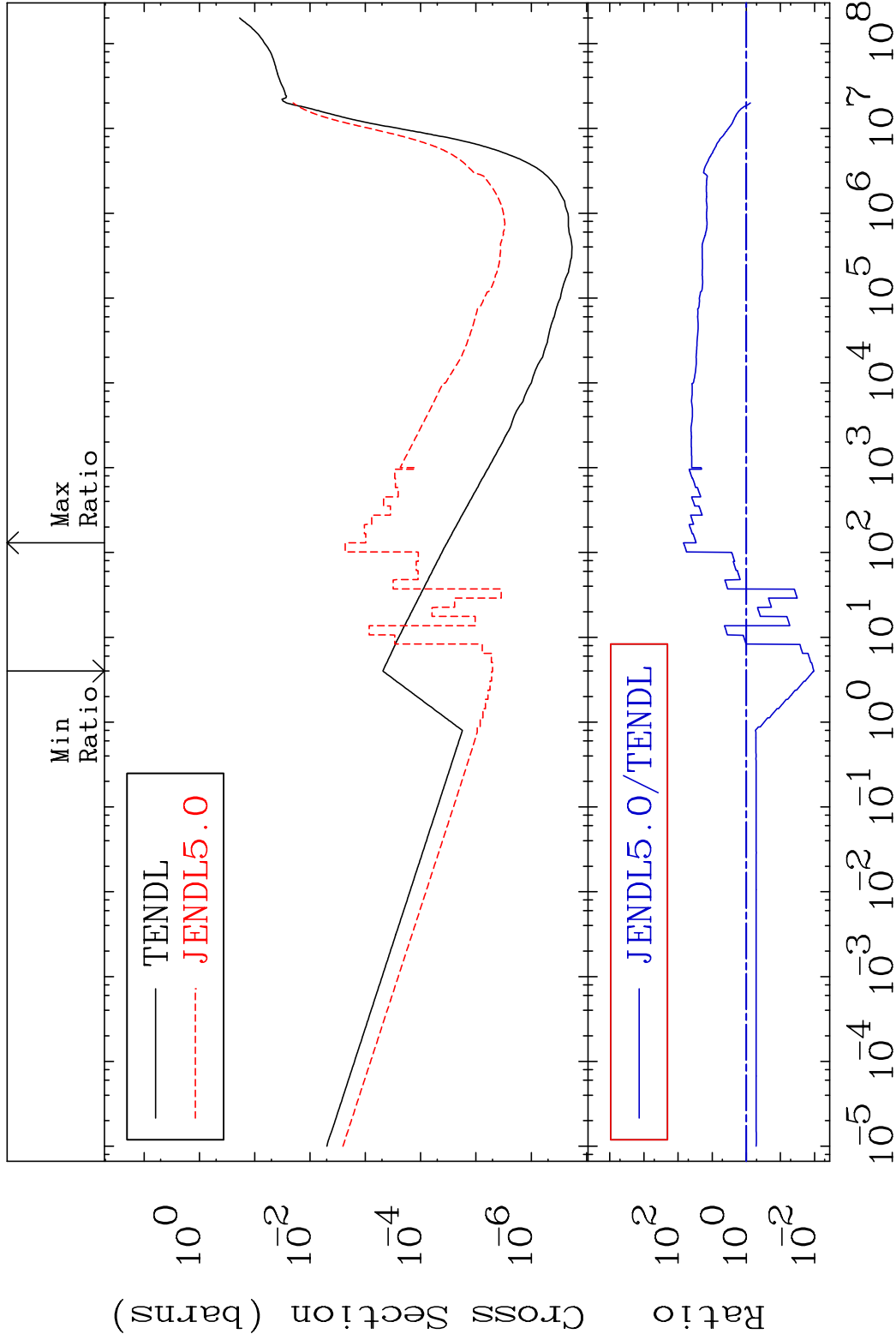
76-Os-187

MAT 7634

He-4 Production

76-0s-187

Cross Section -98.96 To 6841. %

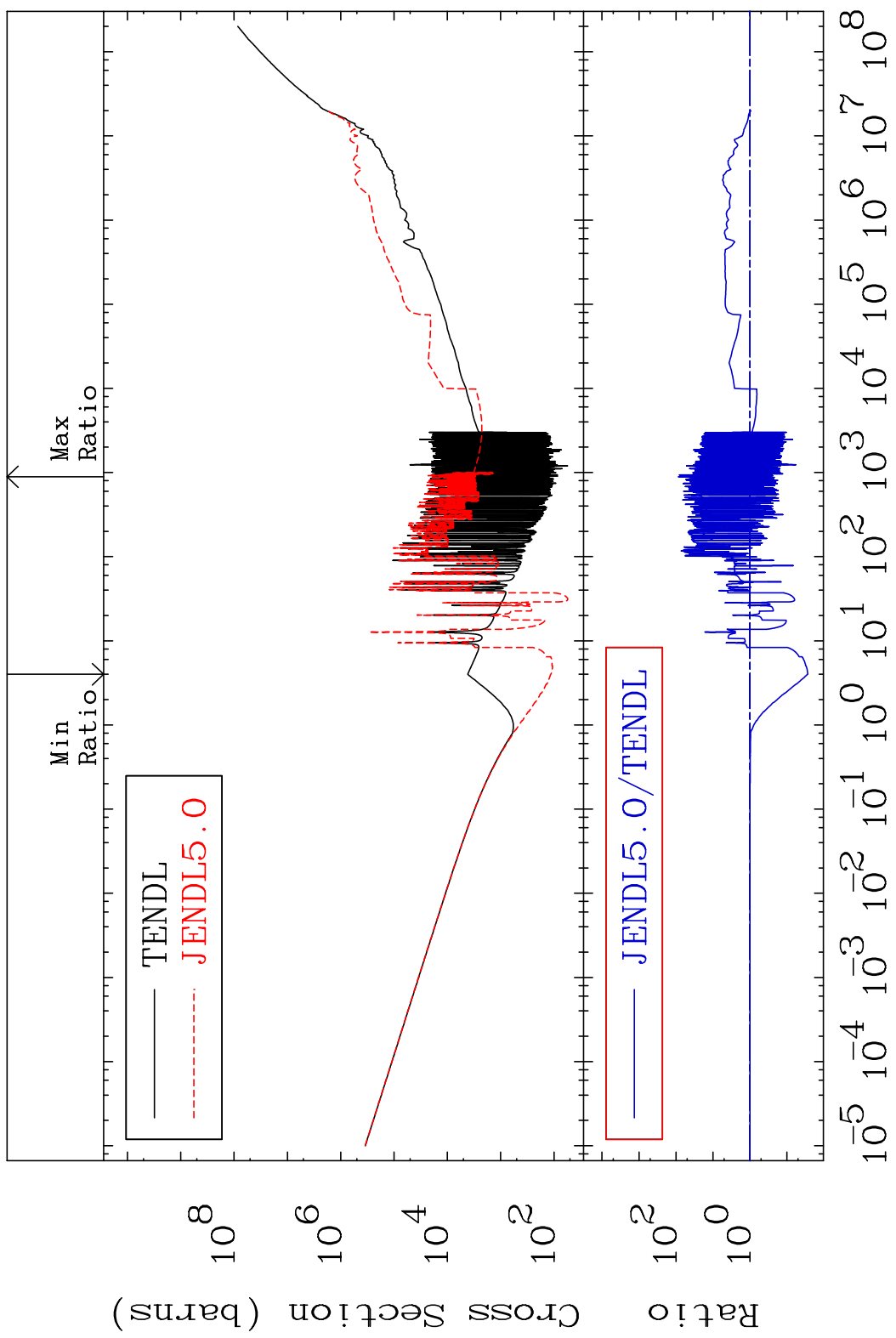


38

Incident Energy (eV)

76-0s-187

MAT 7634 Kerma total (eV-barns) 76-0s-187  
 Cross Section -97.26 To 8565. %



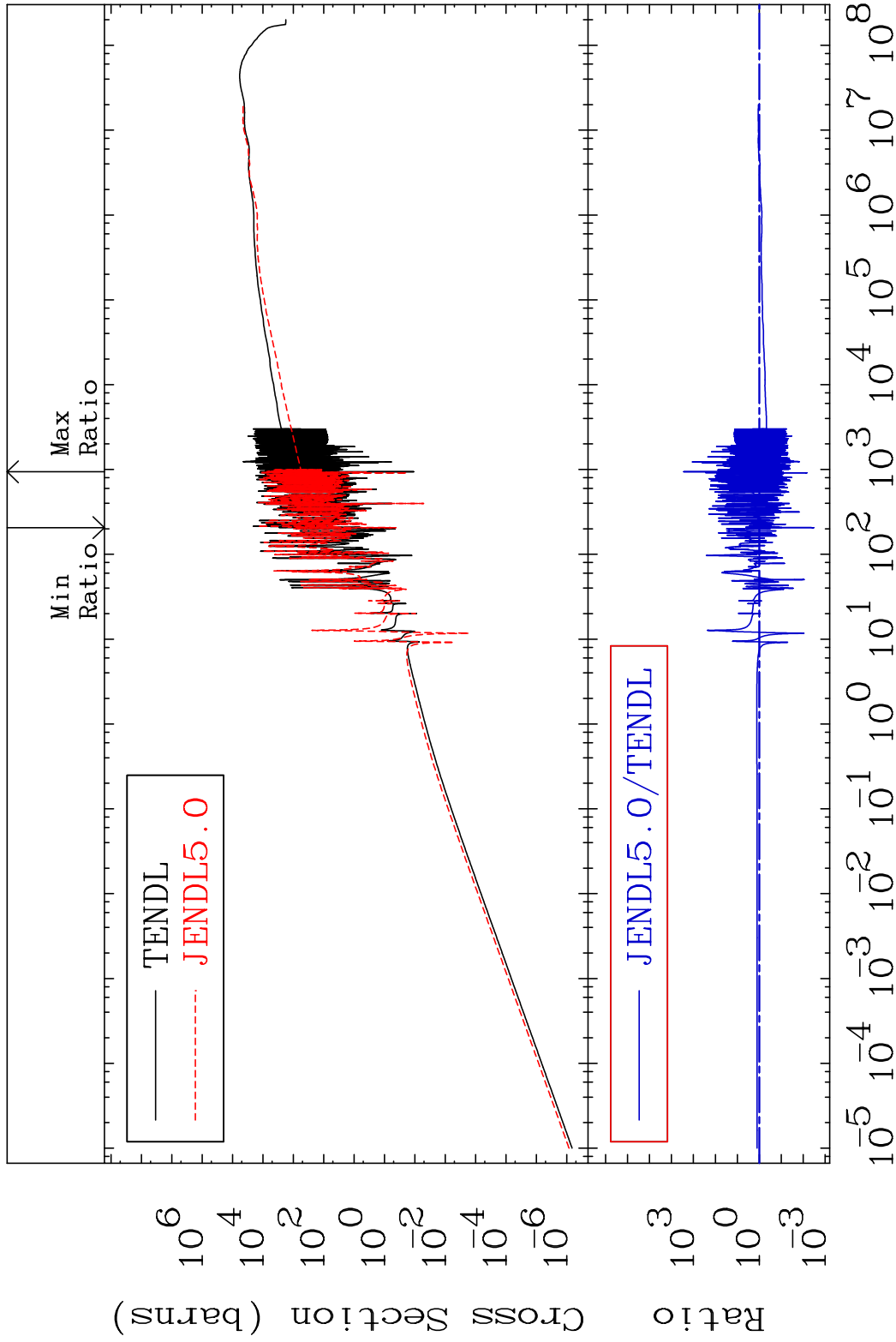
39 Incident Energy (eV) 76-0s-187



MAT 7634

Kerma elastic  
Cross Section

76-0s-187  
-99.67 To 9999. %

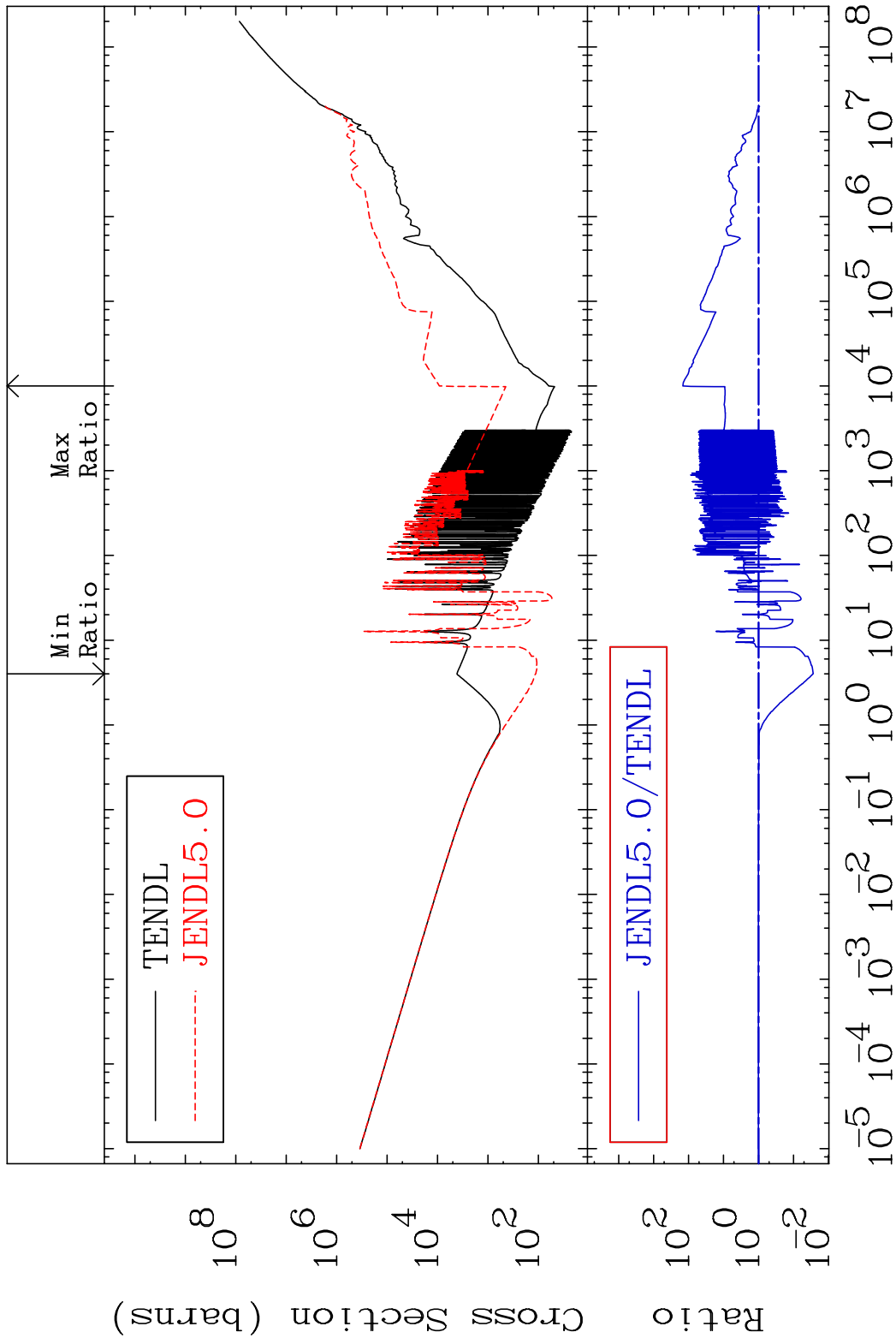


40

Incident Energy (eV)

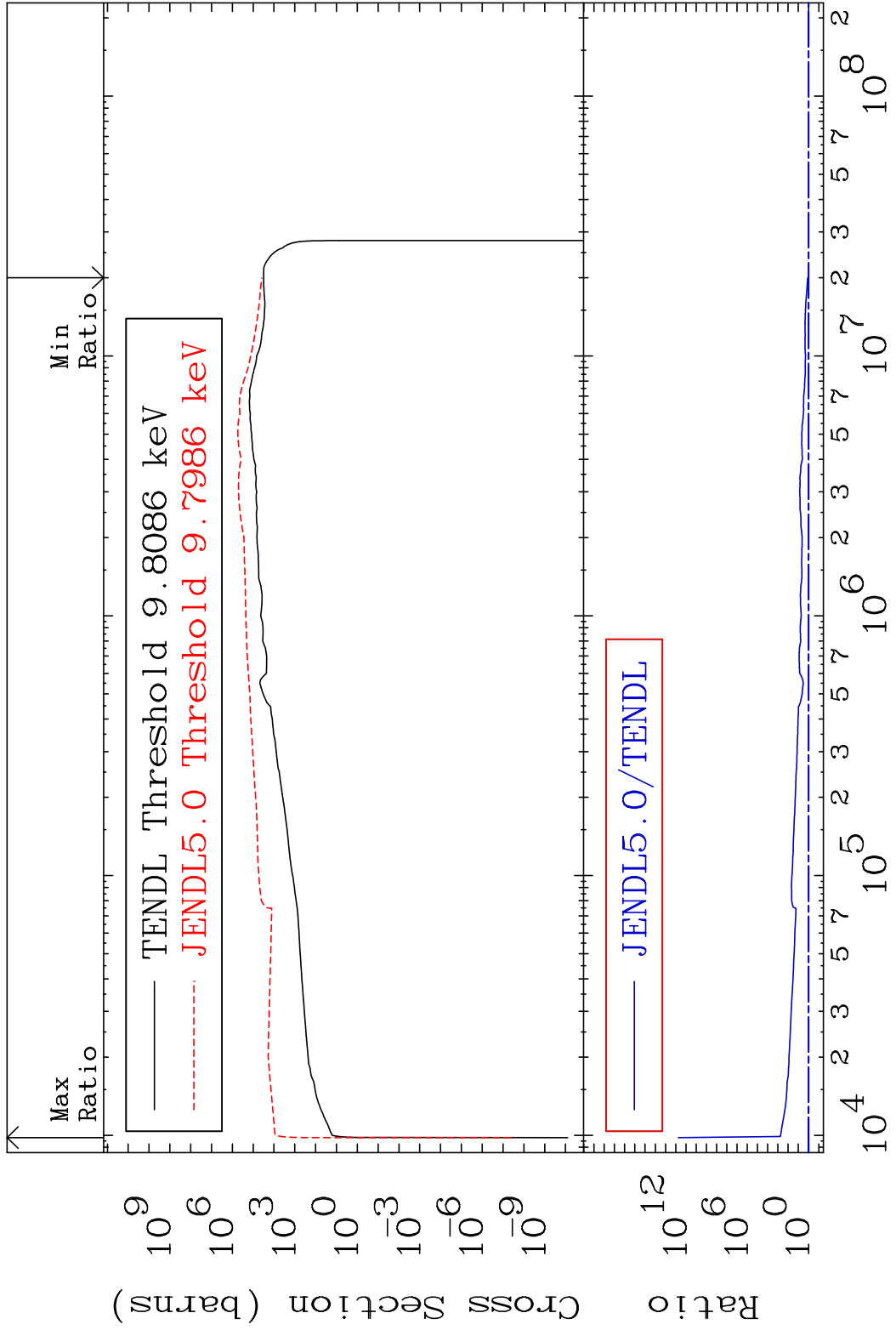
76-0s-187

MAT 7634 Kerma non-elastic (all but mt2) 76-0s-187  
 Cross Section -97.26 To 9999. %



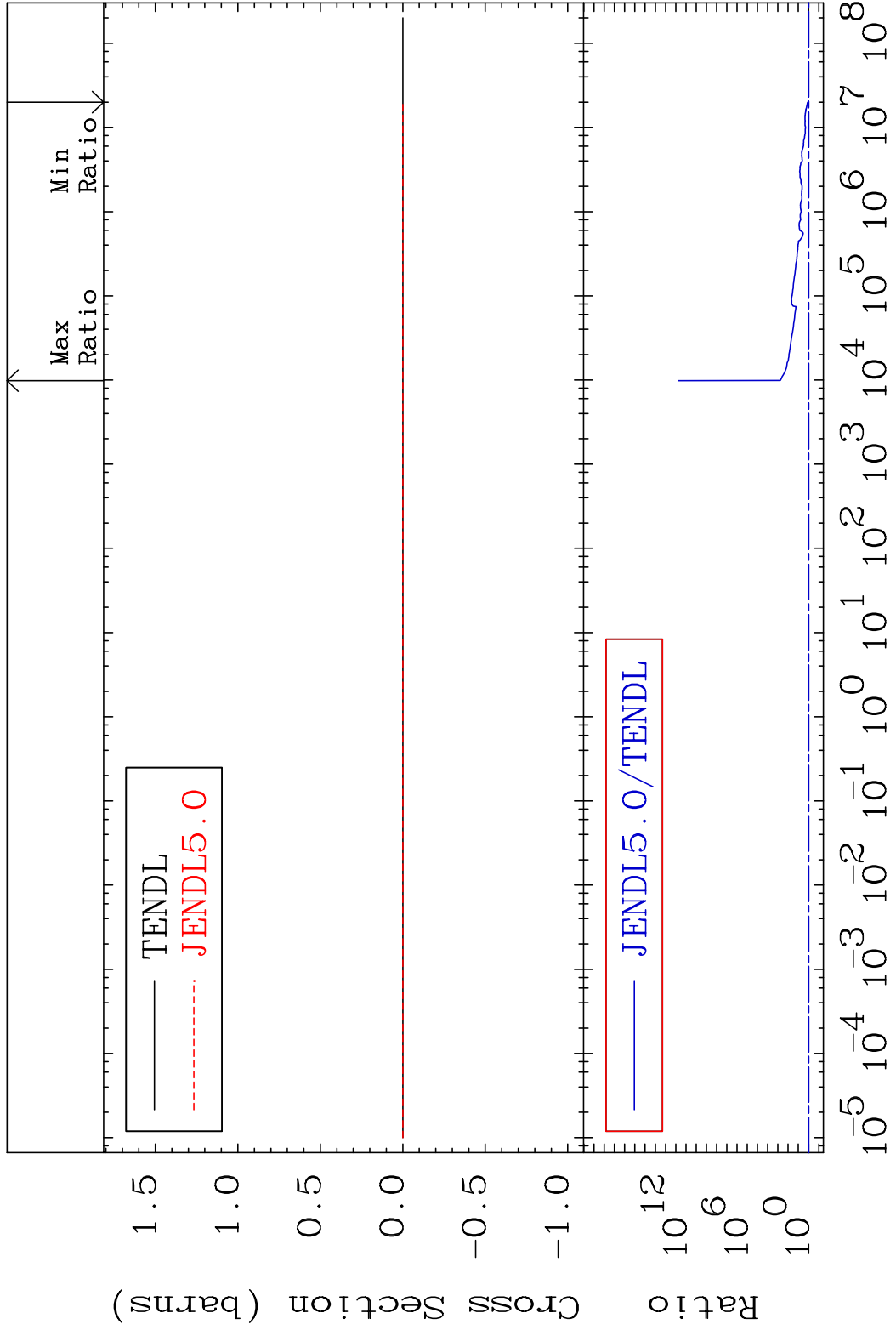
41 Incident Energy (eV) 76-0s-187

MAT 7634 Kerma inelastic (mt51-91) 76-Os-187  
 Cross Section 20.98 To 9999. %

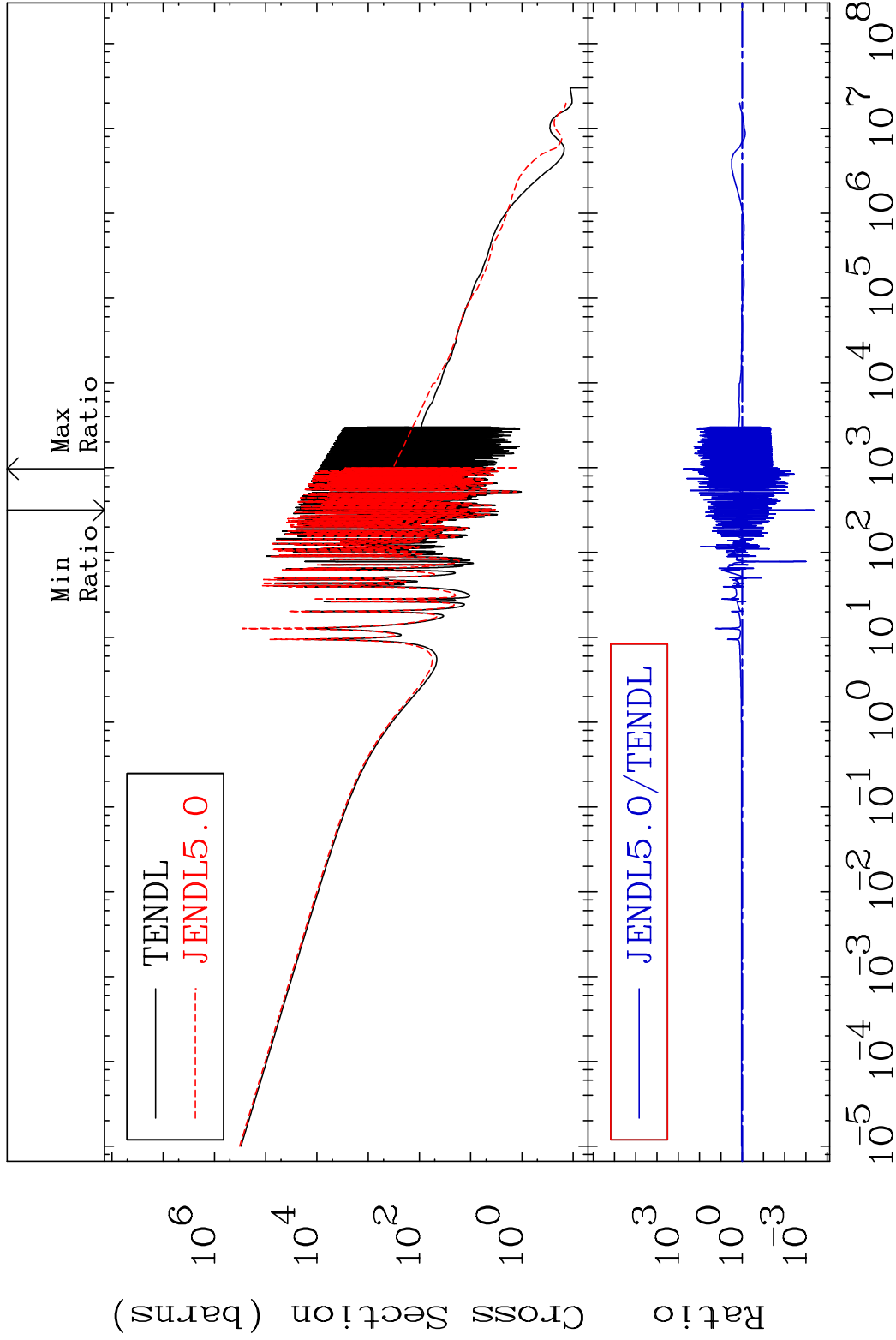


42 Incident Energy (eV) 76-Os-187

MAT 7634 Kerma fission (mt18 or mt19-20-21-38) 76-0s-187  
 Cross Section 20.98 To 9999. %

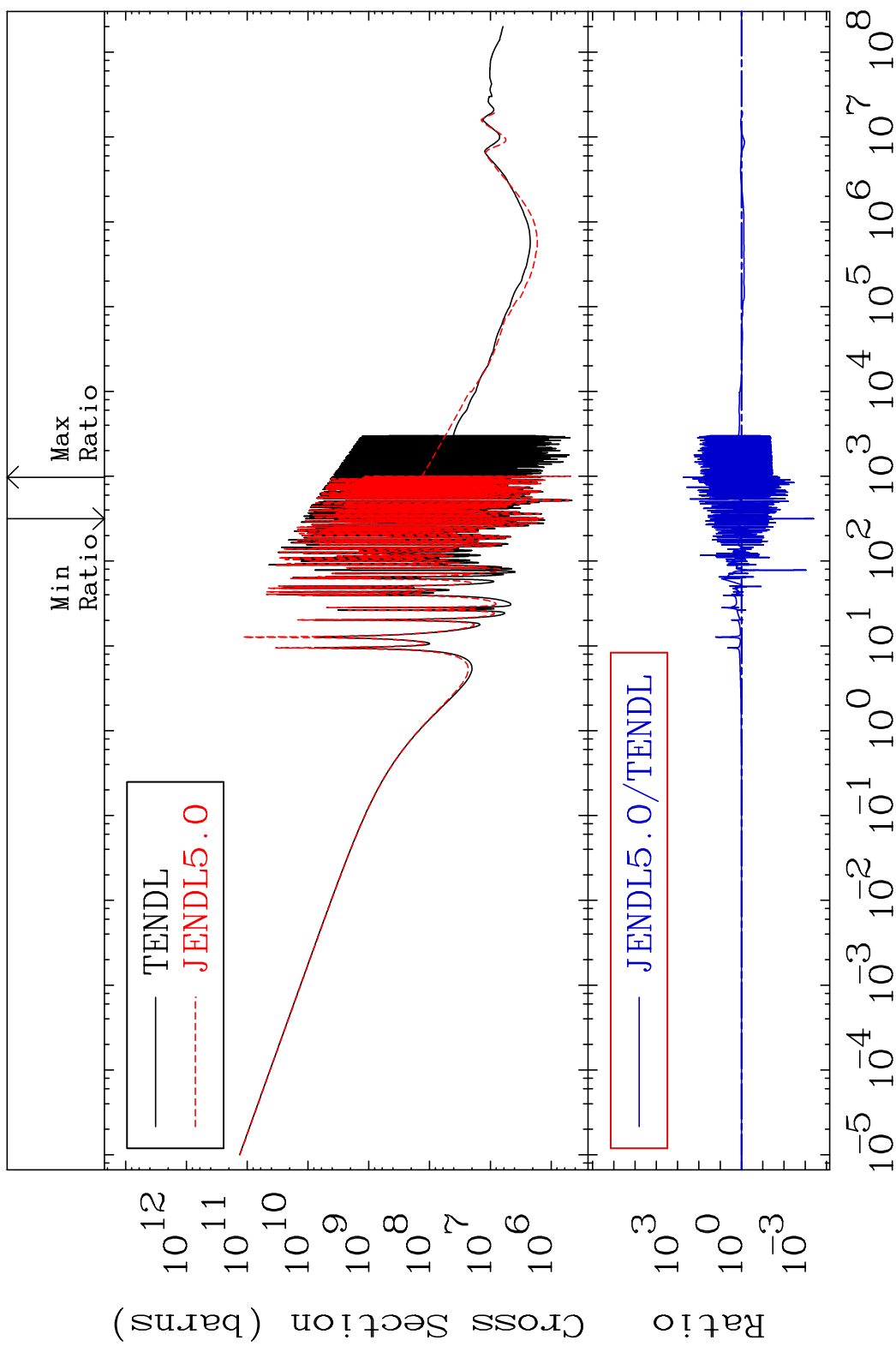


MAT 7634 Kerma capture (mt102) 76-0s-187  
 Cross Section -99.96 To 9999. %



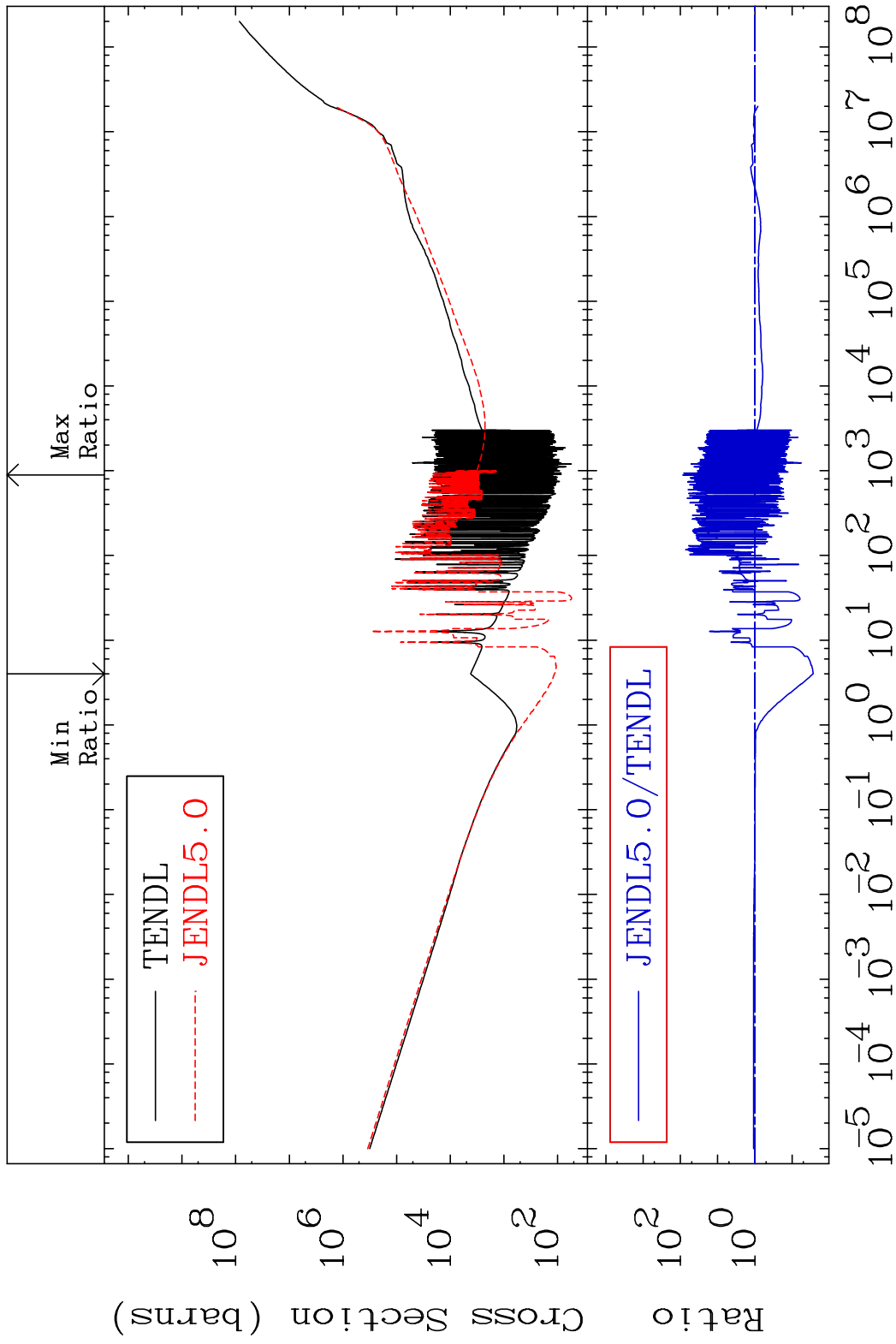
44 Incident Energy (eV) 76-0s-187

MAT 7634 Total photon (eV-barns) 76-0s-187  
 Cross Section -99.96 To 9999. %



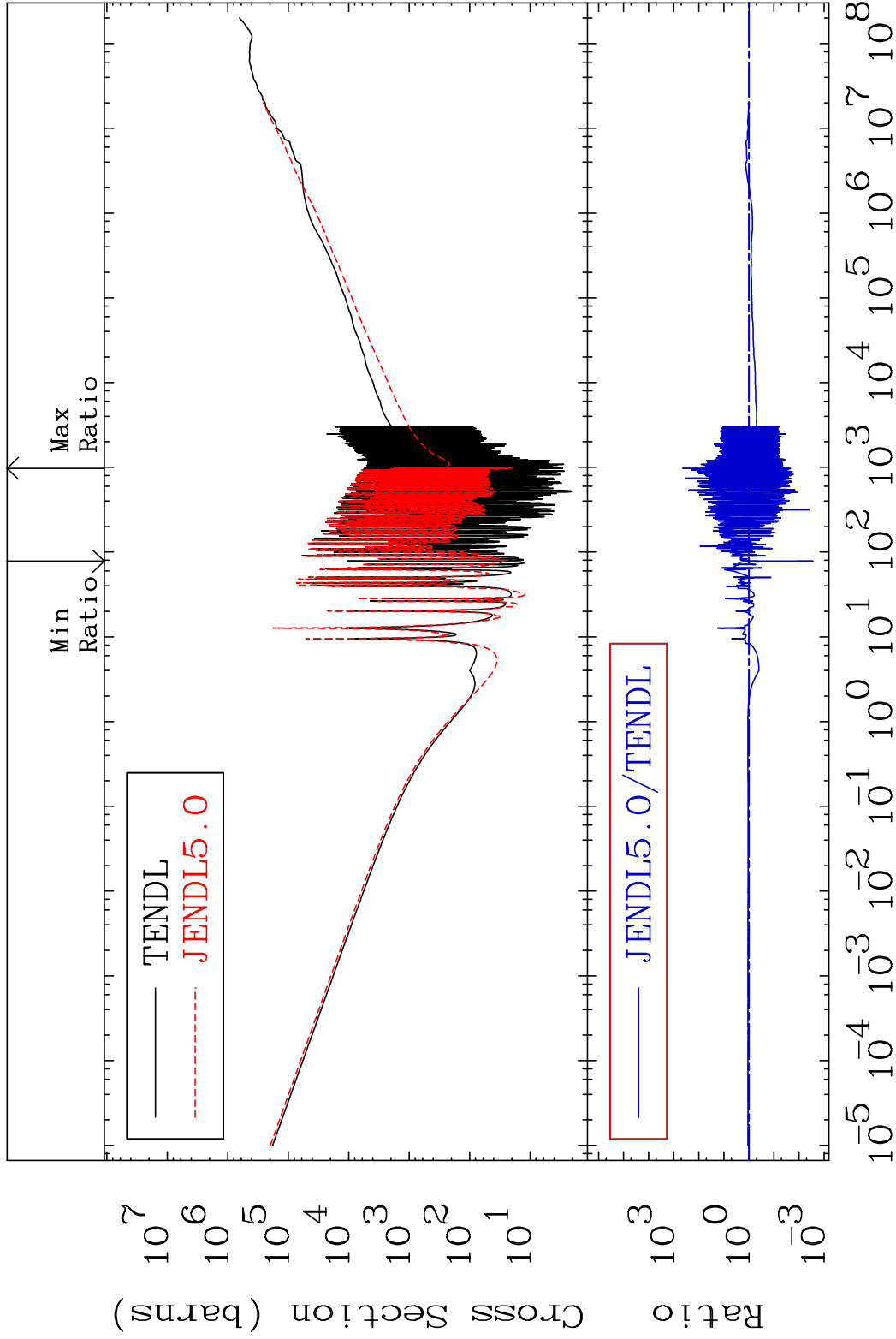
45 Incident Energy (eV) 76-0s-187

MAT 7634 Total kinematic kerma (high limit) 76-0s-187  
 Cross Section -97.28 To 8535. %



46 Incident Energy (eV) 76-0s-187

MAT 7634 Dpa total (eV-barns) 76-0s-187  
 Cross Section -99.72 To 9999. %



47 Incident Energy (eV) 76-0s-187

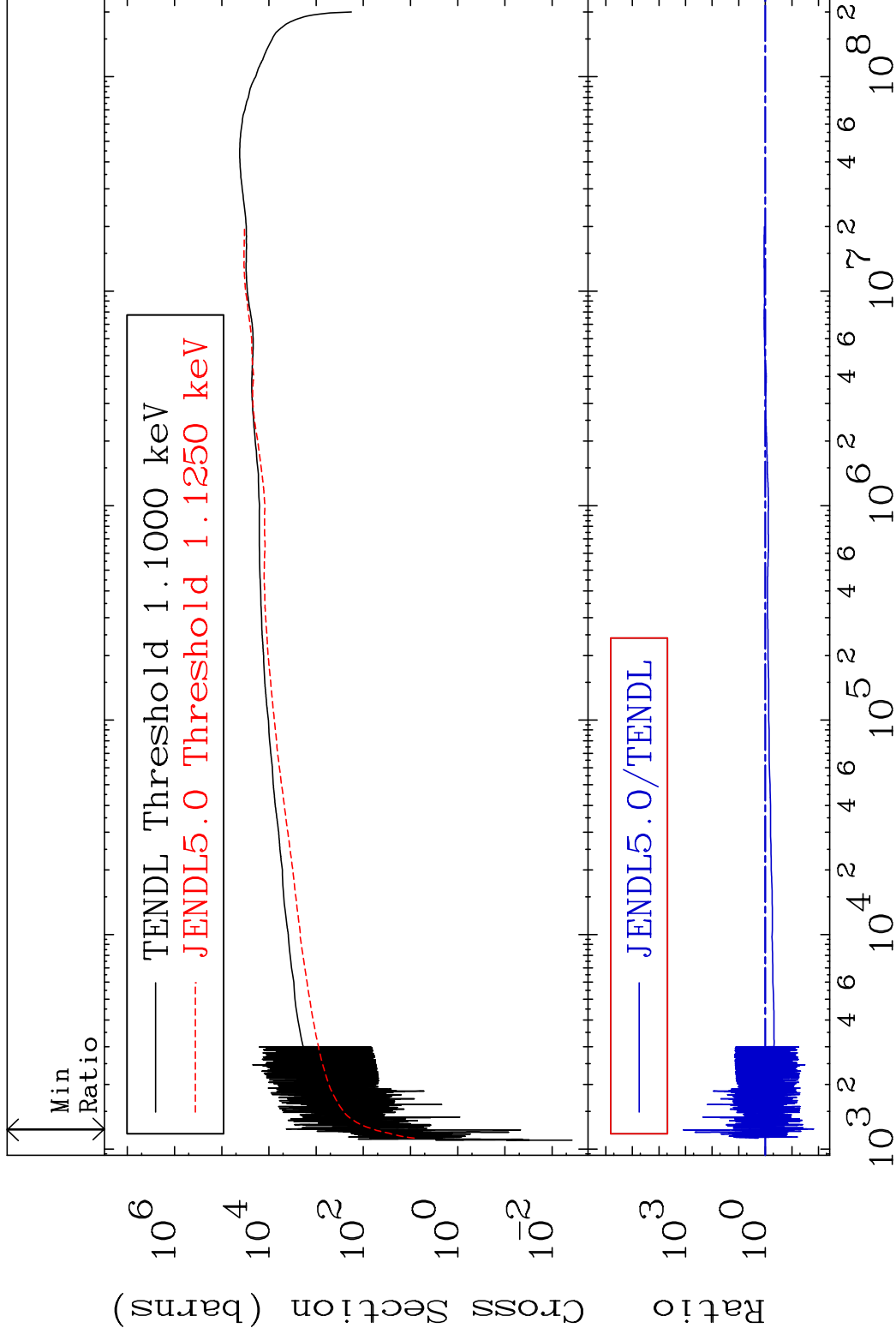


MAT 7634

Dpa elastic (mt2)

76-Os-187

Cross Section -98.50 To 9999. %

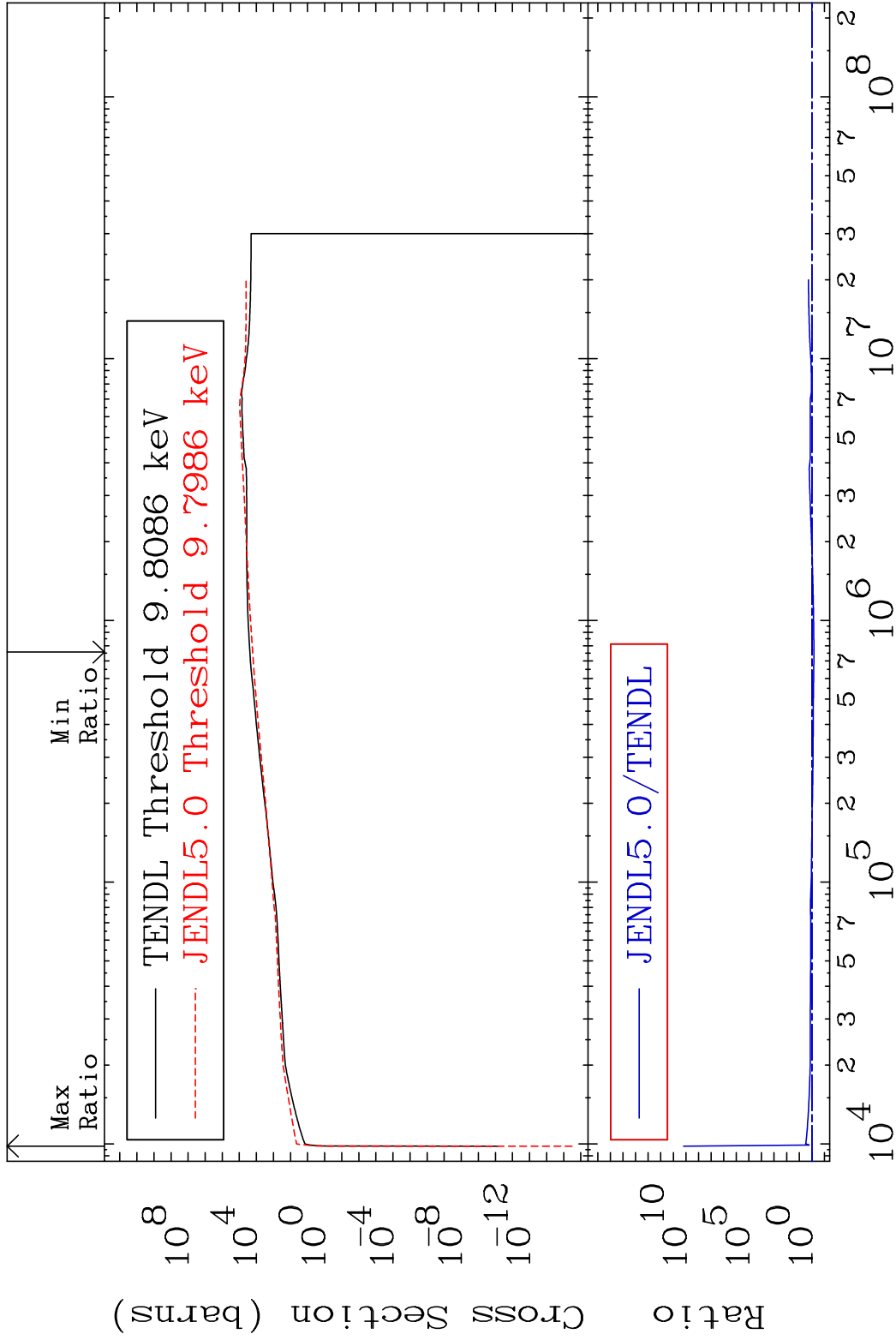


48

Incident Energy (eV)

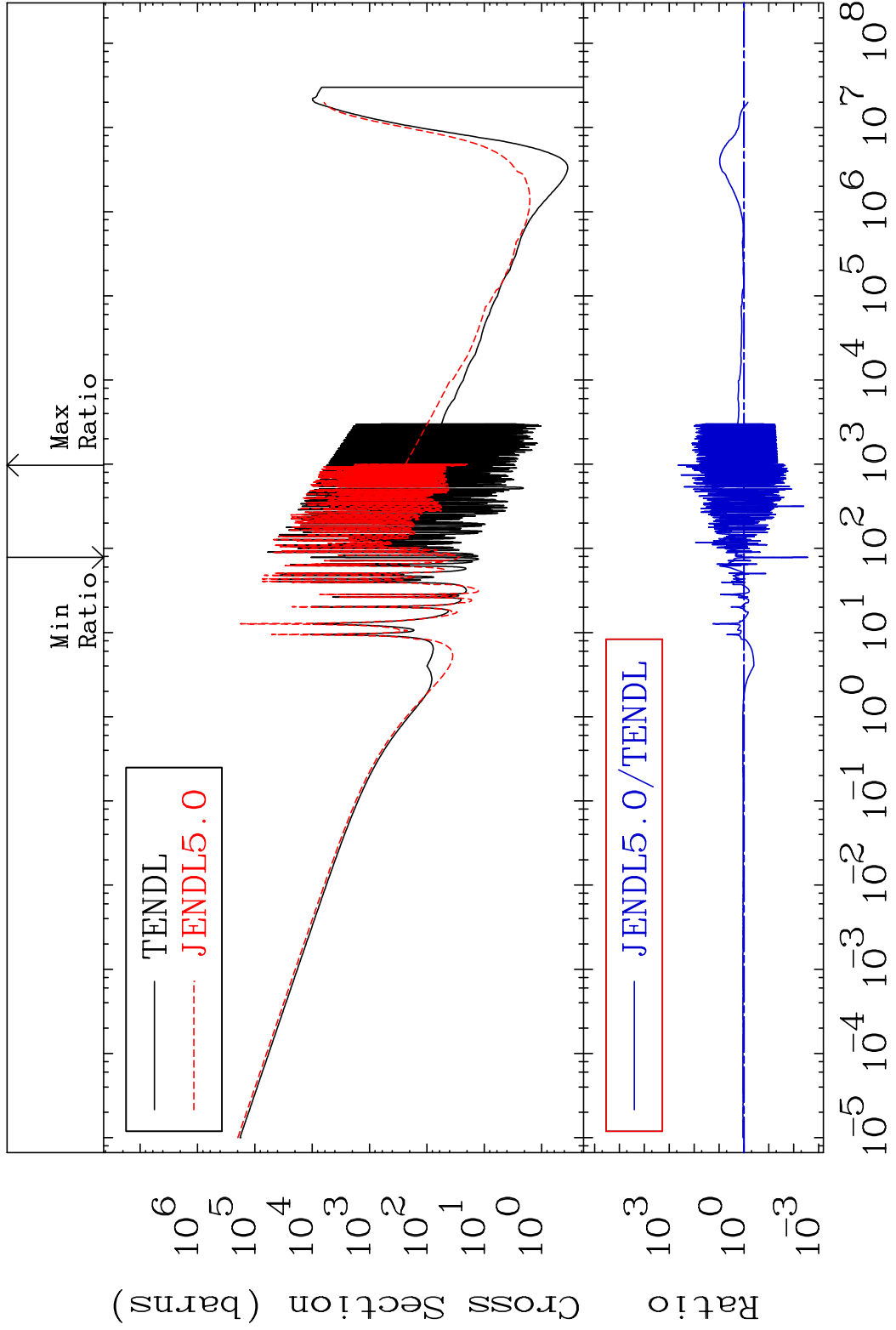
76-Os-187

MAT 7634 Dpa inelastic (mt51-91) 76-Os-187  
 Cross Section -31.35 To 9999. %

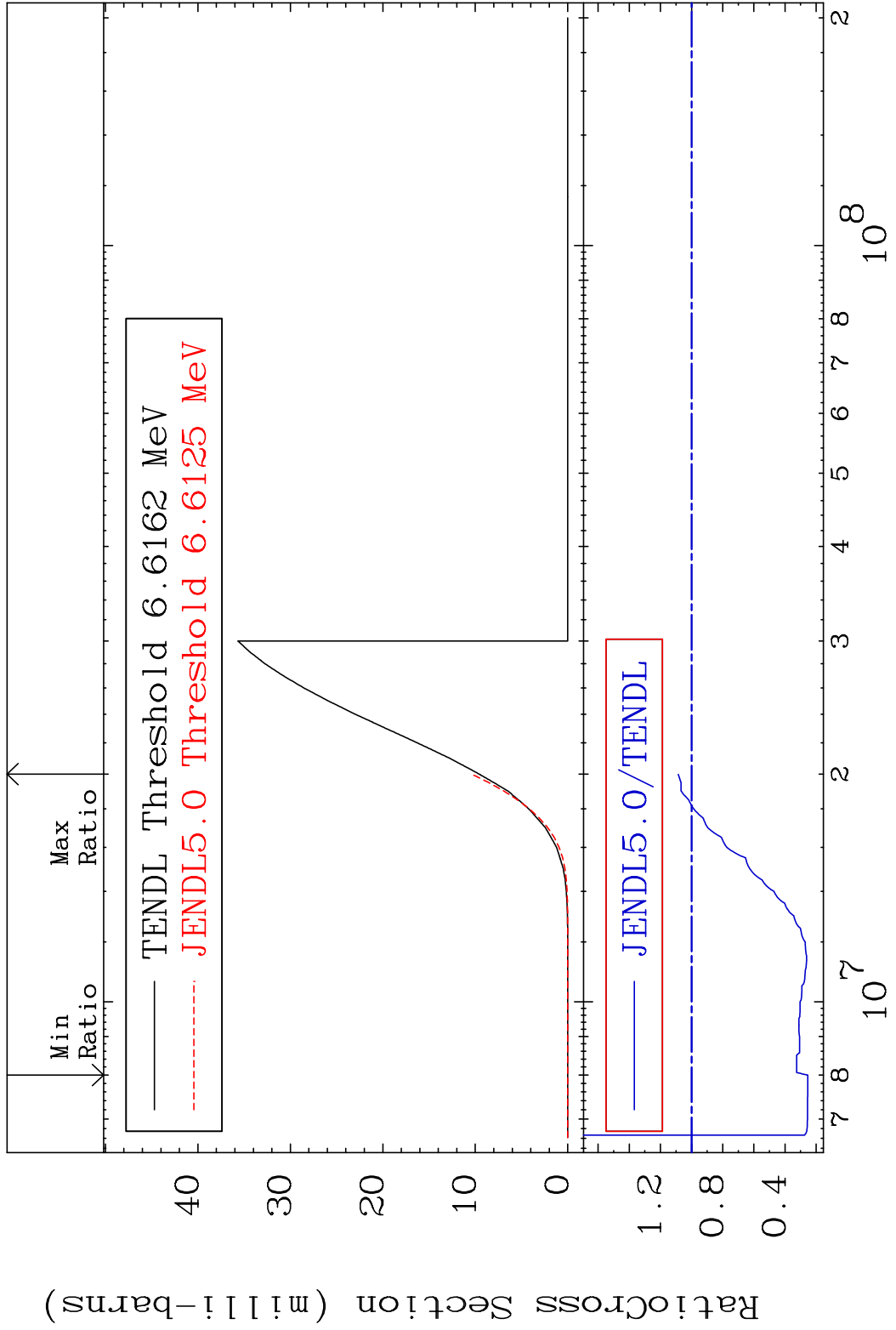


49 Incident Energy (eV) 76-Os-187

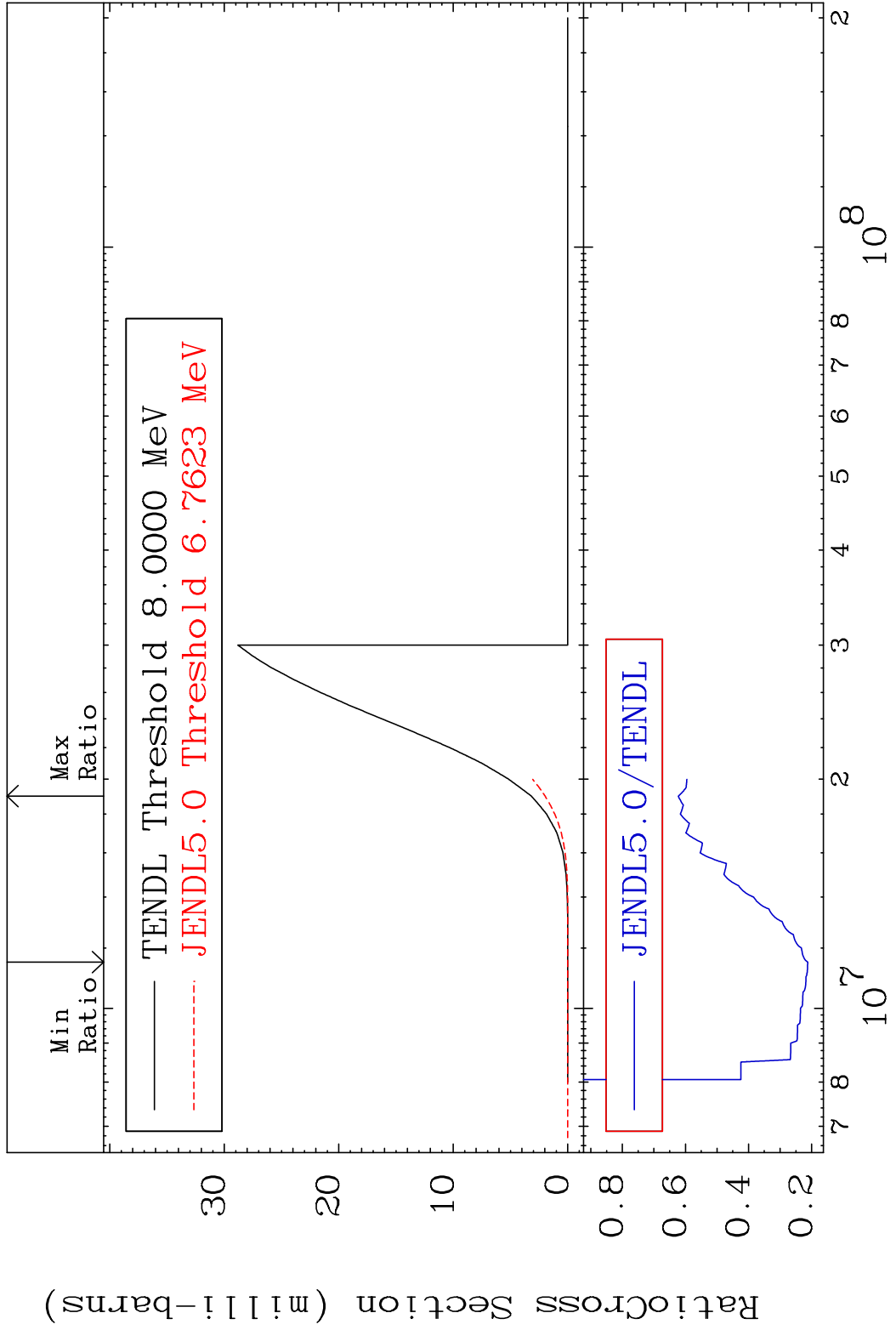
MAT 7634 Dpa disappearance (mt102 -120) 76-0s-187  
 Cross Section -99.72 To 9999. %



50 Incident Energy (eV) 76-0s-187

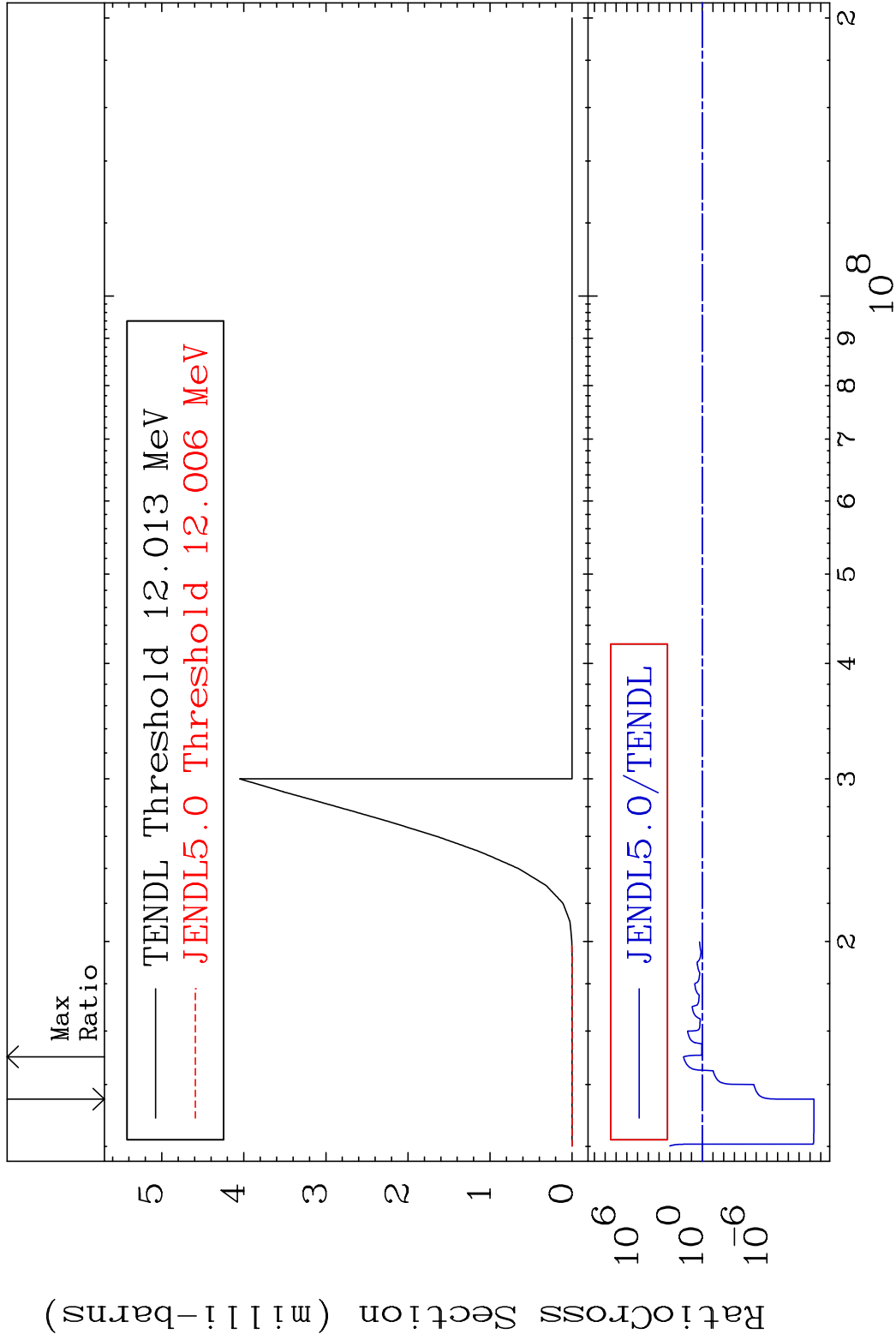


MAT 7634 (n, n') p: 75-Re-186m4 76-0s-187  
 Radionuclide Production Cross Section Ratio



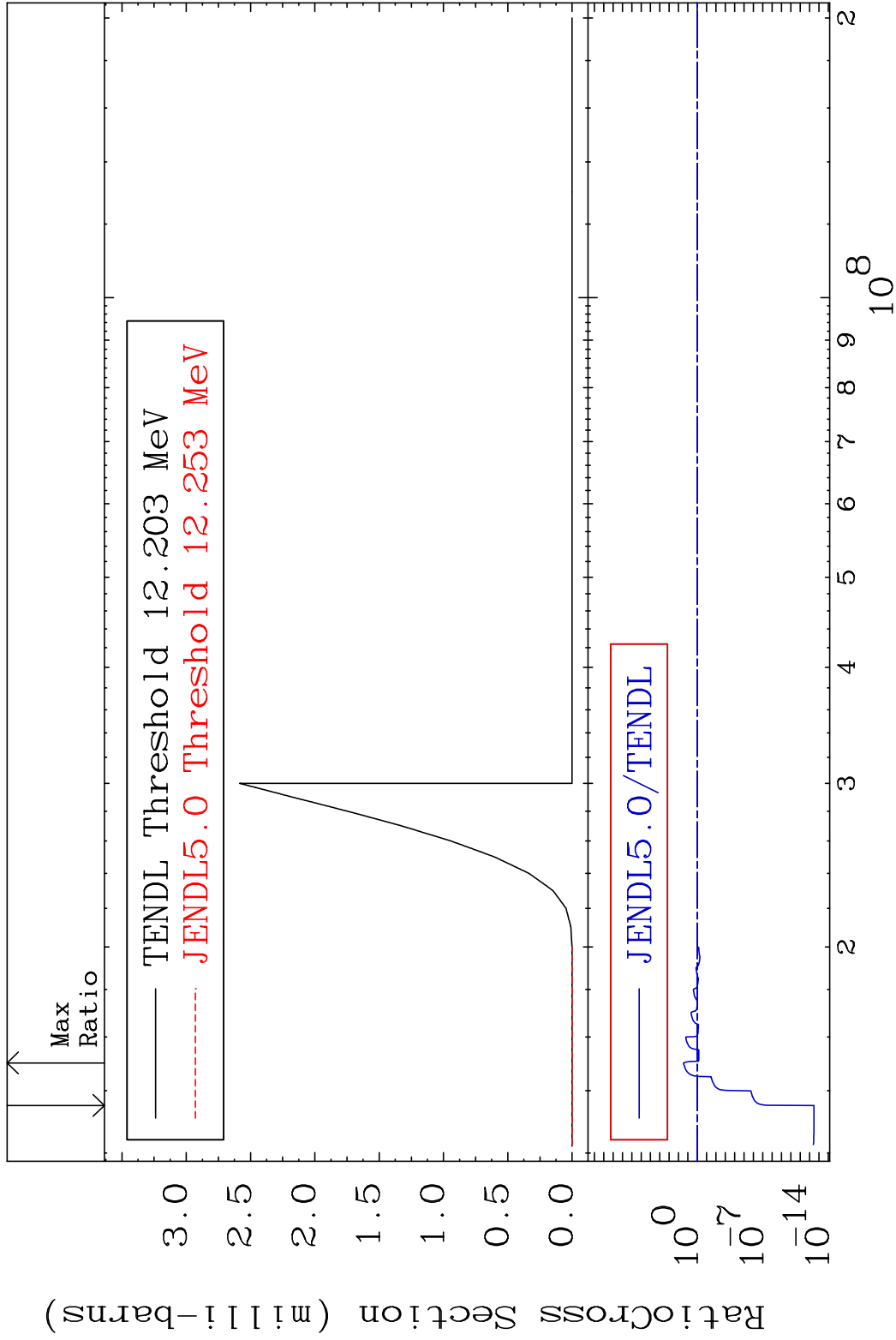
52 76-0s-187

MAT 7634 (n, n') t:75-Re-184g 76-0s-187  
 Radionuclide Production Cross Section 180000 dpo 5410. %

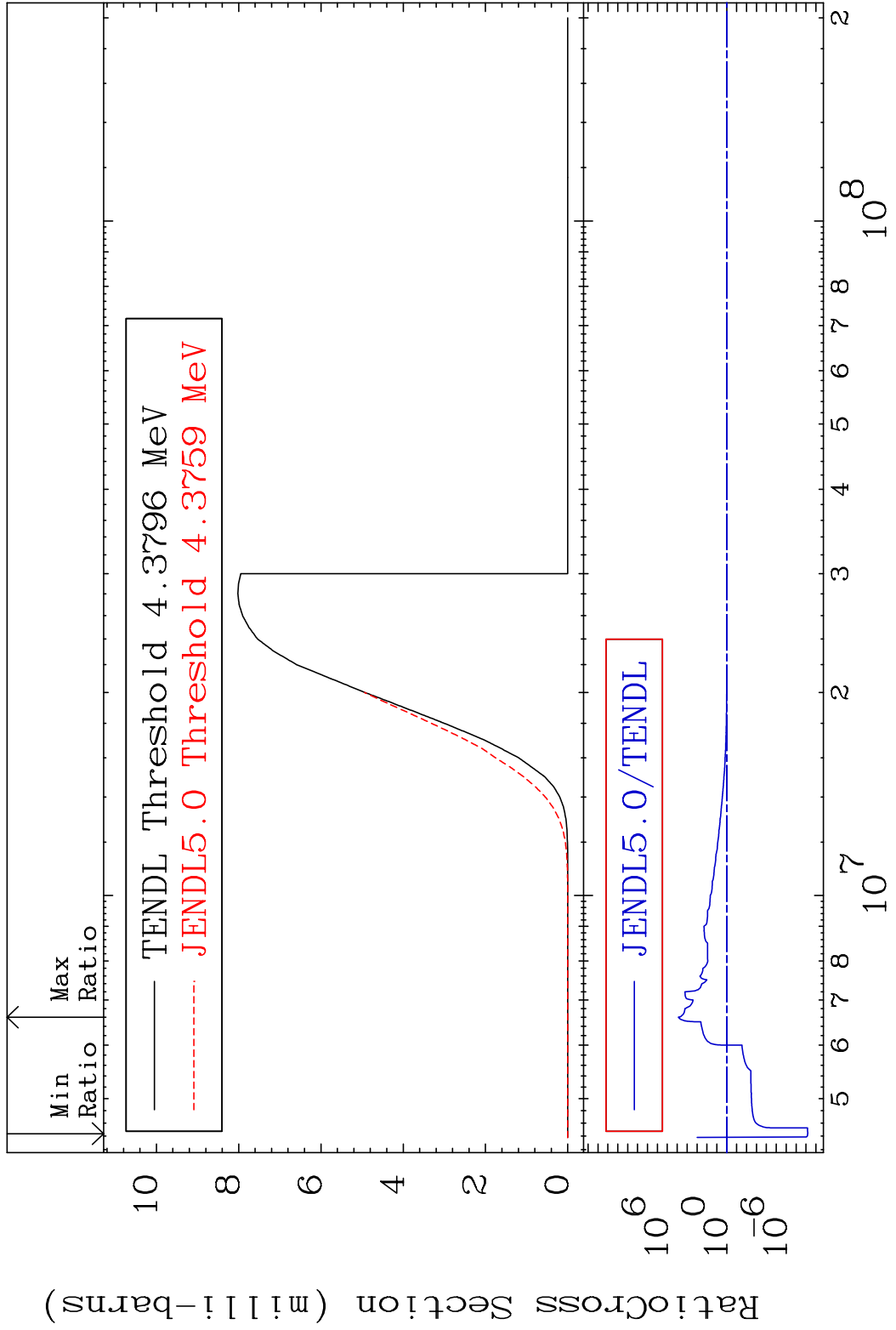


53 Incident Energy (eV) 76-0s-187

MAT 7634 (n, n') t:75-Re-184m5 76-0s-187  
 Radionuclide Production Cross Section 18000 dth 2888. %

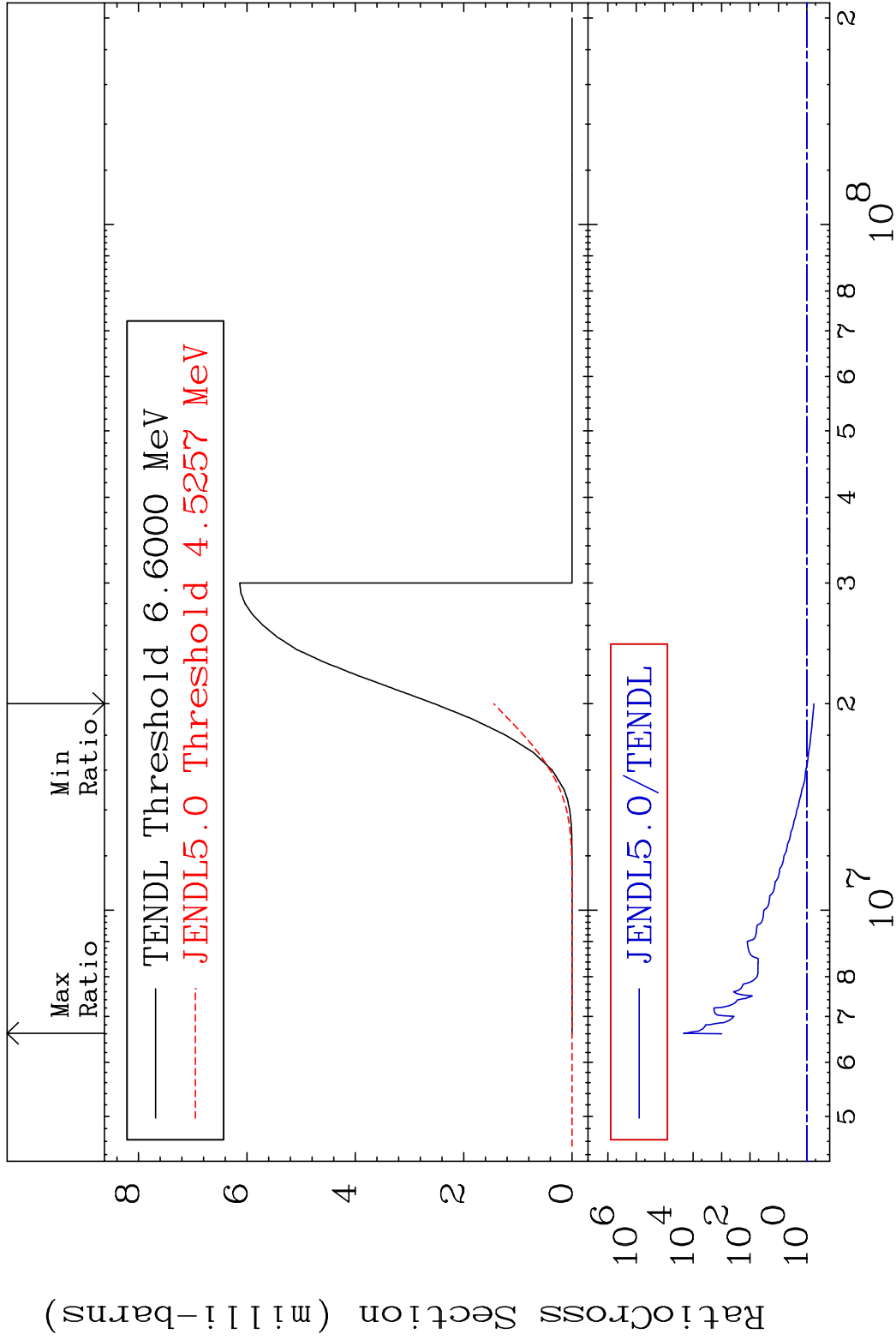


MAT 7634 (n,d):75-Re-186g 76-0s-187  
 Radionuclide Production Cross Section 18601 dfo 9999. %

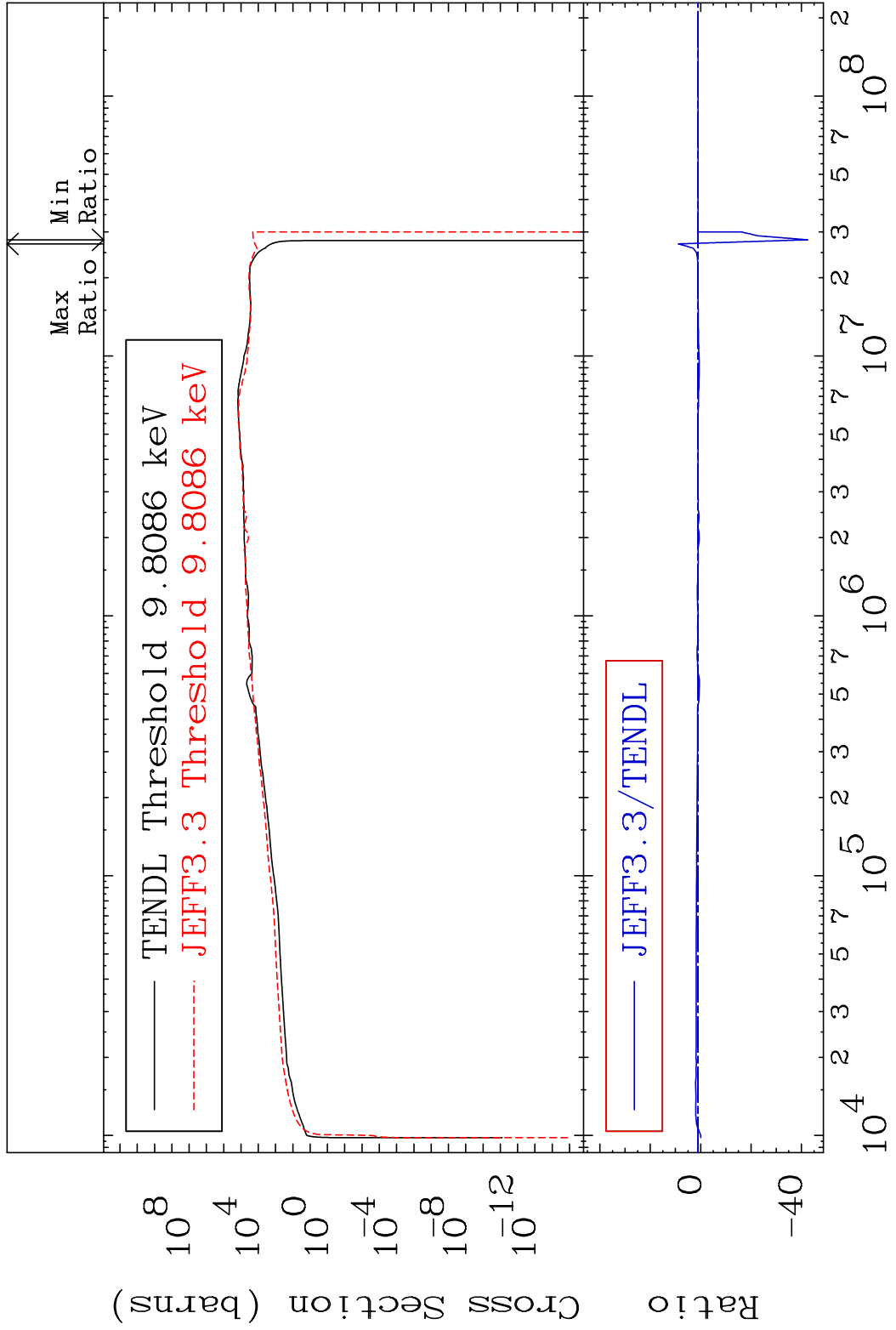




MAT 7634 (n,d):75-Re-186m4 76-0s-187  
 Radionuclide Production Cross Section to 9999. %

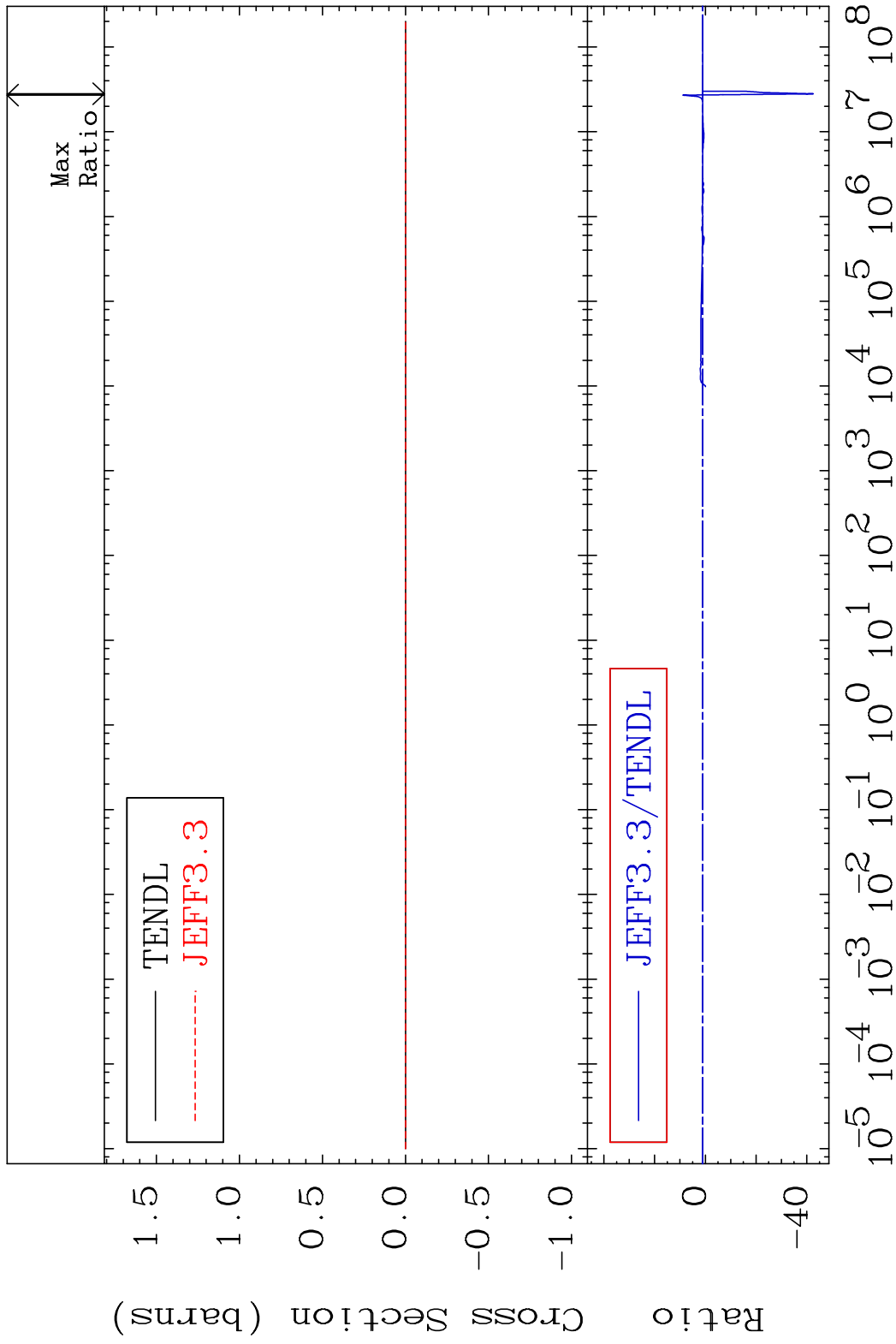


MAT 7634 Kerma inelastic (mt51-91) 76-Os-187  
 Cross Section -4350. To 788.8 %



57 Incident Energy (eV) 76-Os-187

MAT 7634 Kerma fission (mt18 or mt19-20-21-38) 76-0s-187  
Cross Section -4350. To 788.8 %

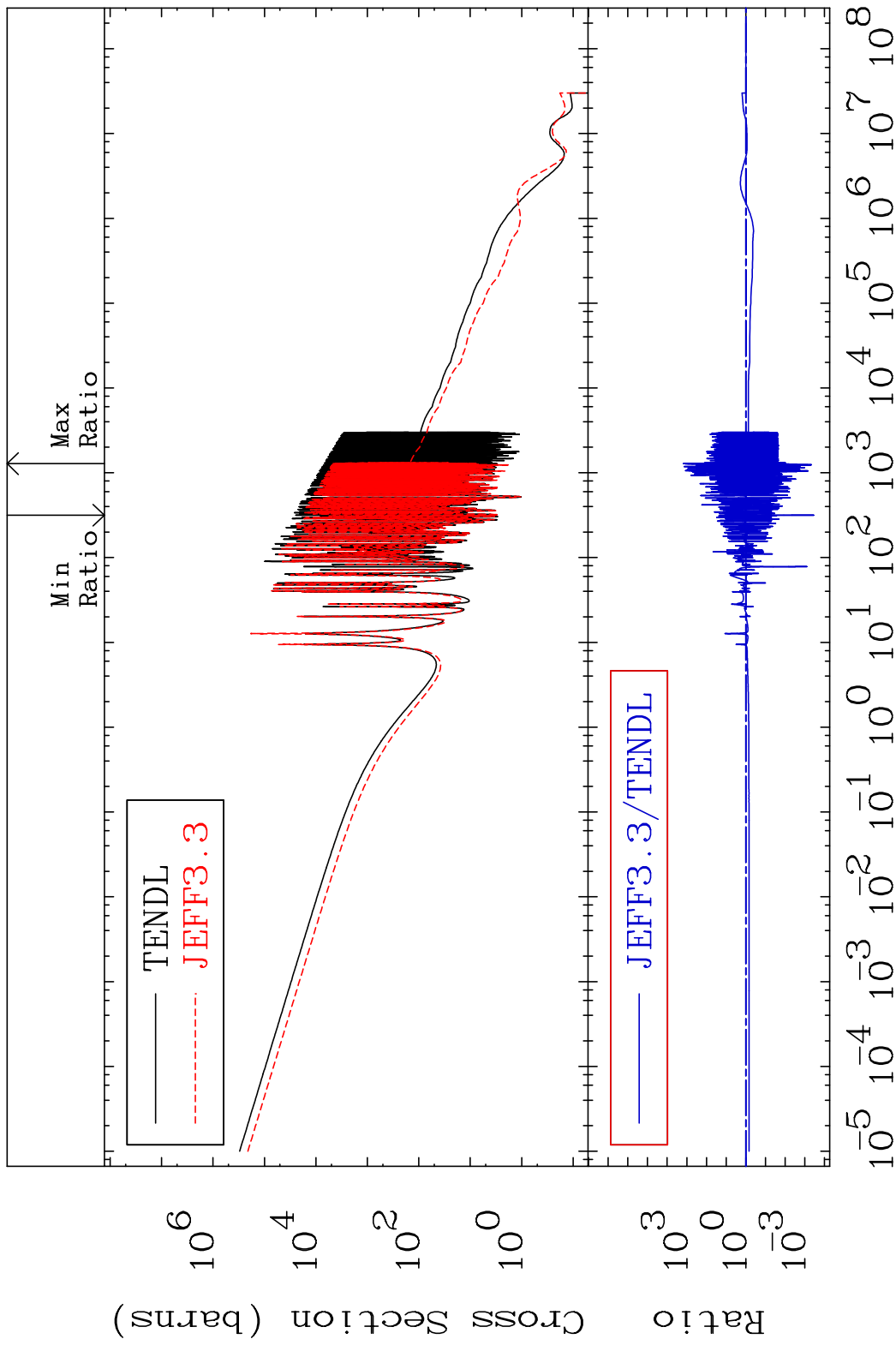


58

Incident Energy (eV)

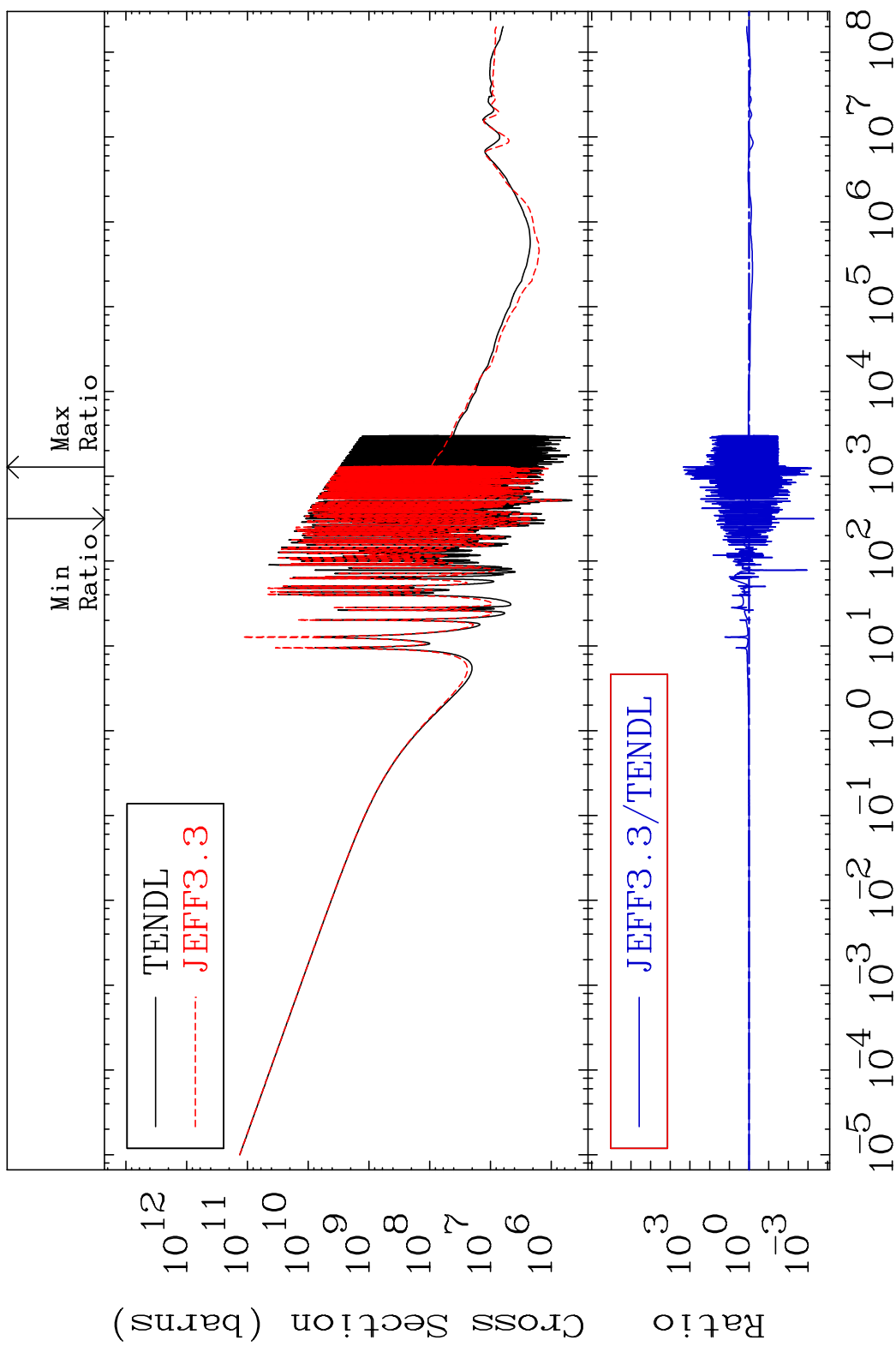
76-0s-187

MAT 7634 Kerma capture (mt102) 76-0s-187  
 Cross Section -99.97 To 9999. %



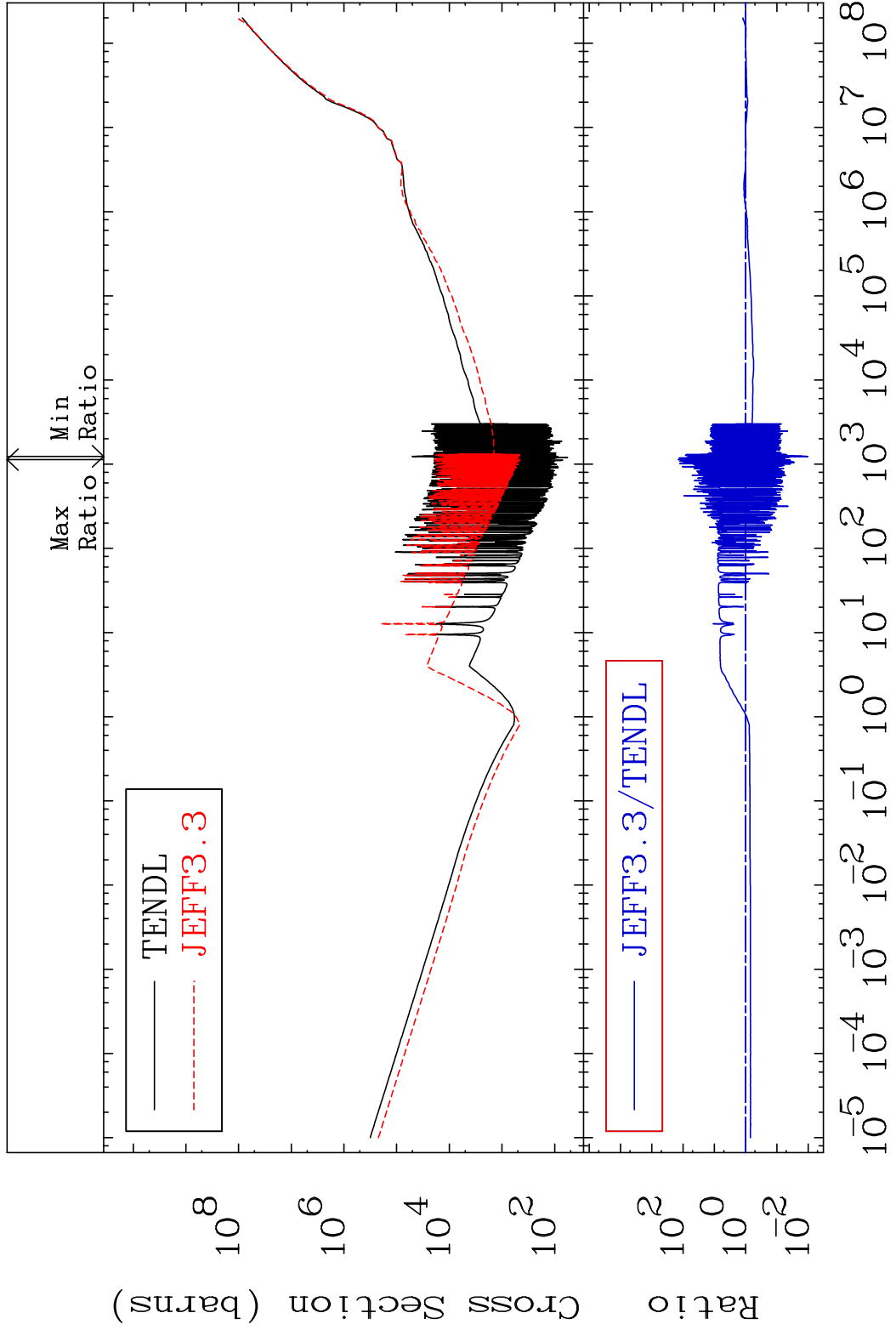
59 Incident Energy (eV) 76-0s-187

MAT 7634 Total photon (eV-barns) 76-0s-187  
 Cross Section -99.95 To 9999. %



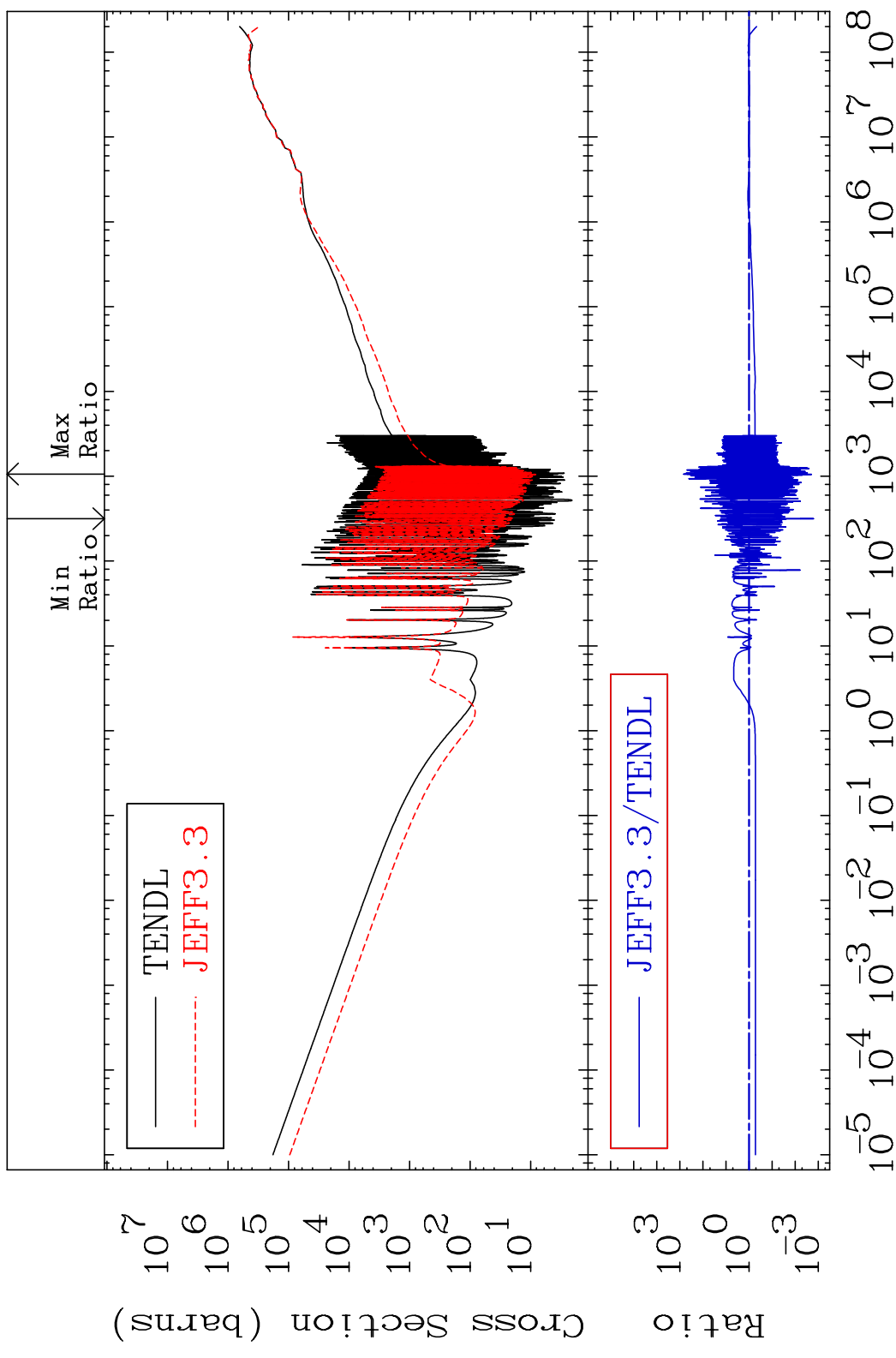
60 Incident Energy (eV) 76-0s-187

MAT 7634 Total kinematic kerma (high limit) 76-0s-187  
 Cross Section -98.97 To 9999. %



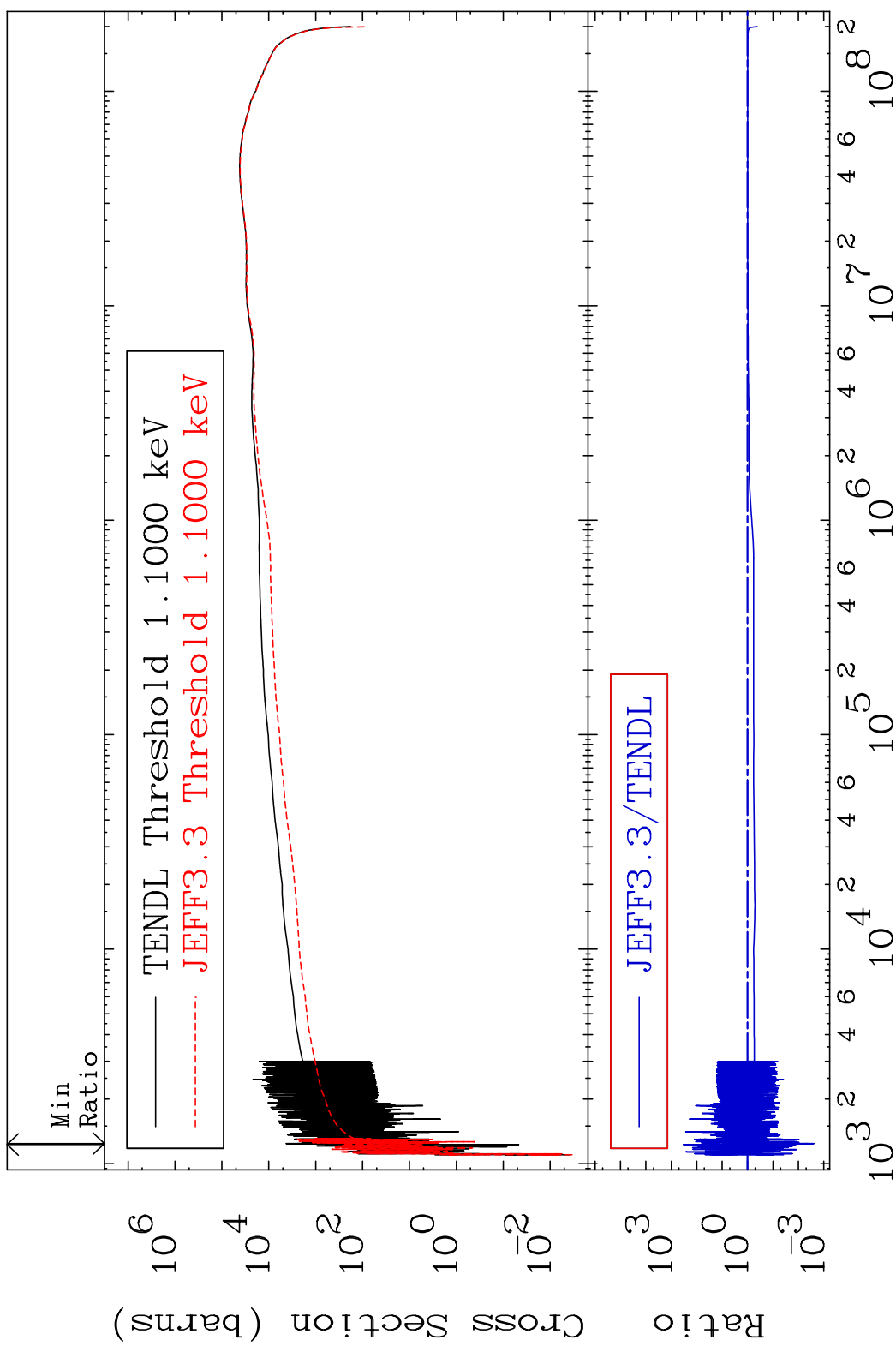
61 Incident Energy (eV) 76-0s-187

MAT 7634      Dpa total (eV-barns)      76-0s-187  
 Cross Section      -99.85 To 9999. %



62      Incident Energy (eV)      76-0s-187

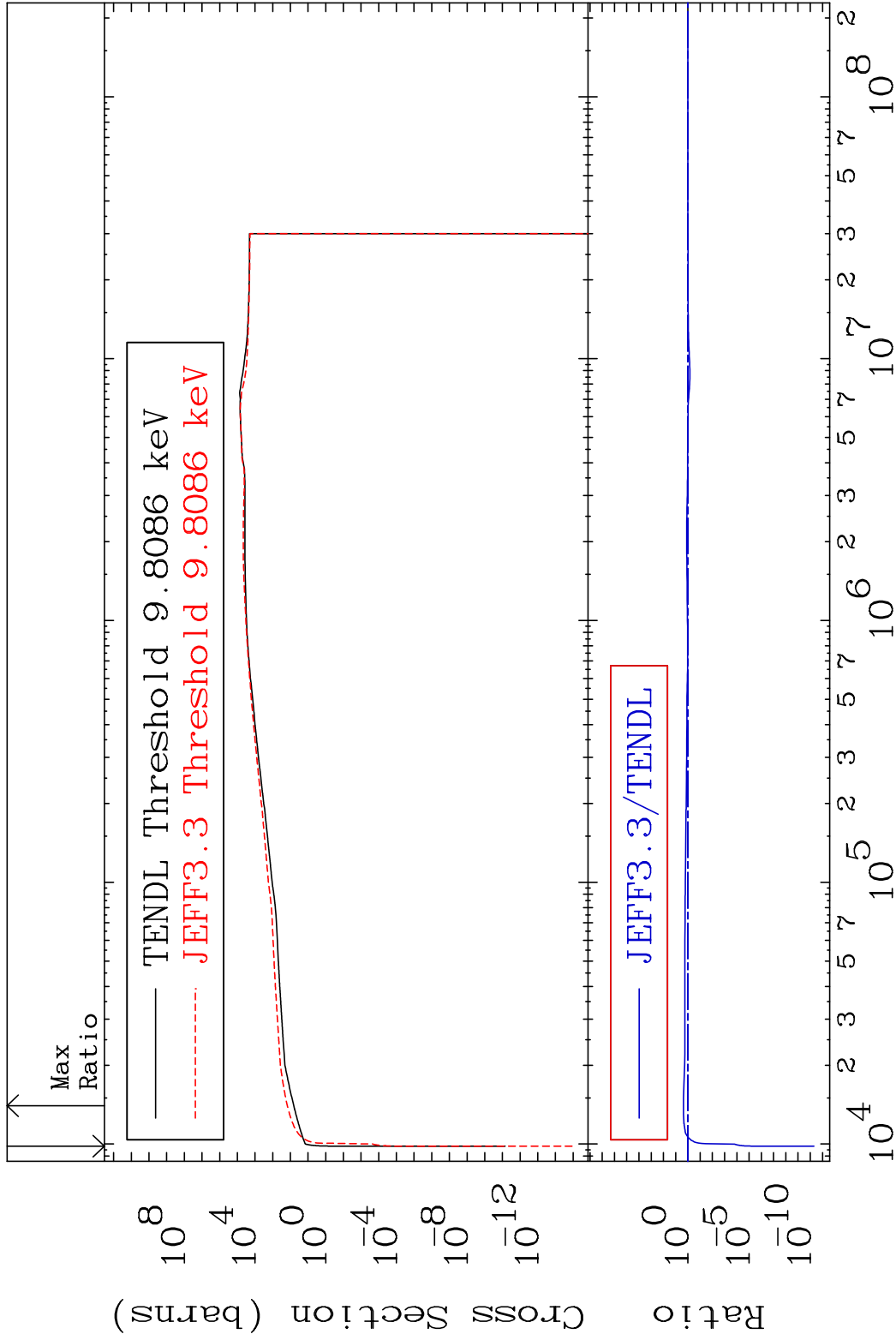
MAT 7634      Dpa elastic (mt2)      76-0s-187  
 Cross Section      -99.75 To 9999. %



63      Incident Energy (eV)      76-0s-187

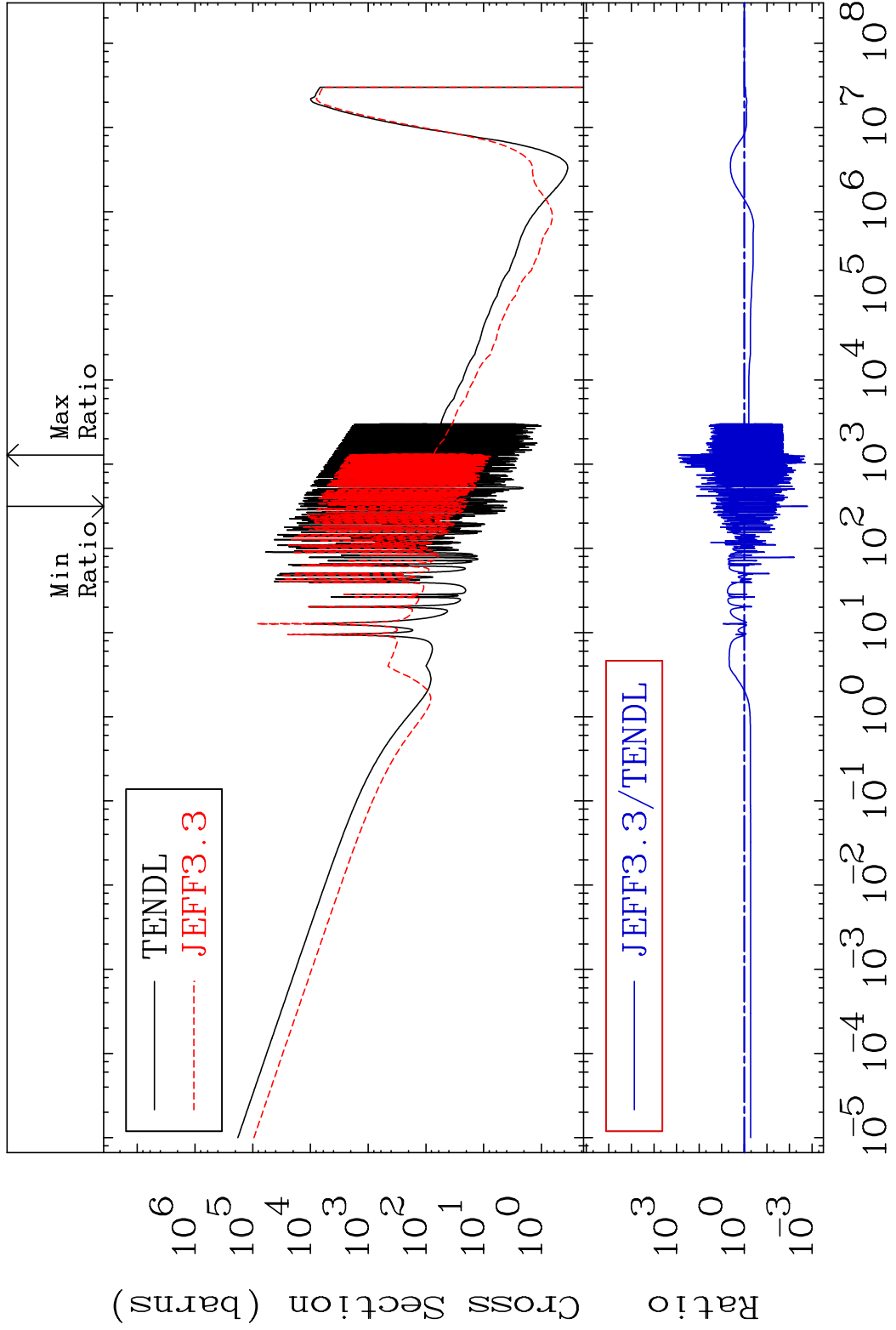


MAT 7634 Dpa inelastic (mt51-91) 76-Os-187  
 Cross Section -100.0 To 130.6 %



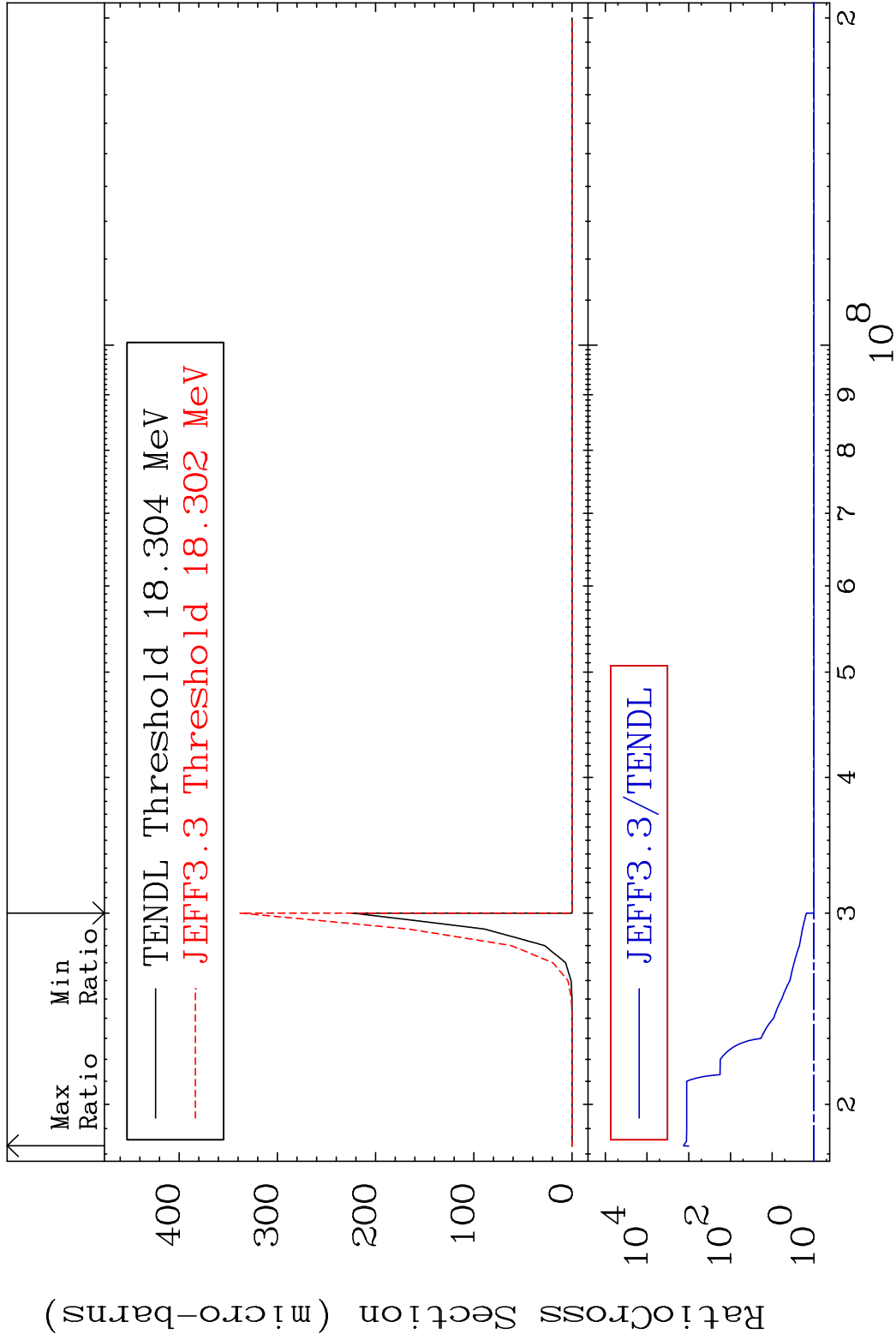
64 Incident Energy (eV) 76-Os-187

MAT 7634 Dpa disappearance (mt102 -120) 76-0s-187  
 Cross Section -99.85 To 9999. %

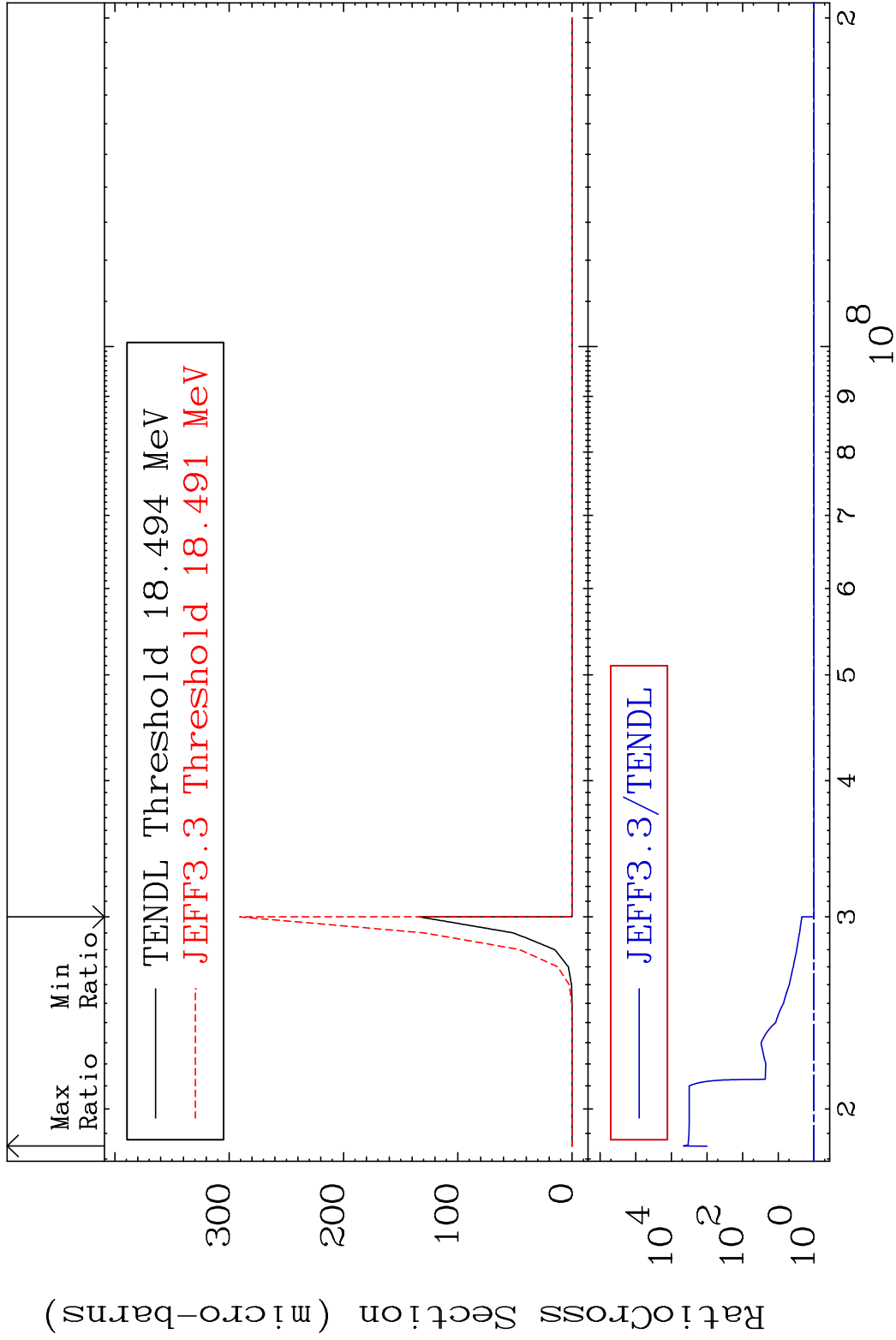


65 Incident Energy (eV) 76-0s-187

MAT 7634 (n,2n) d:75-Re-184g 76-Os-187  
 Radionuclide Production Cross Section 9999. %

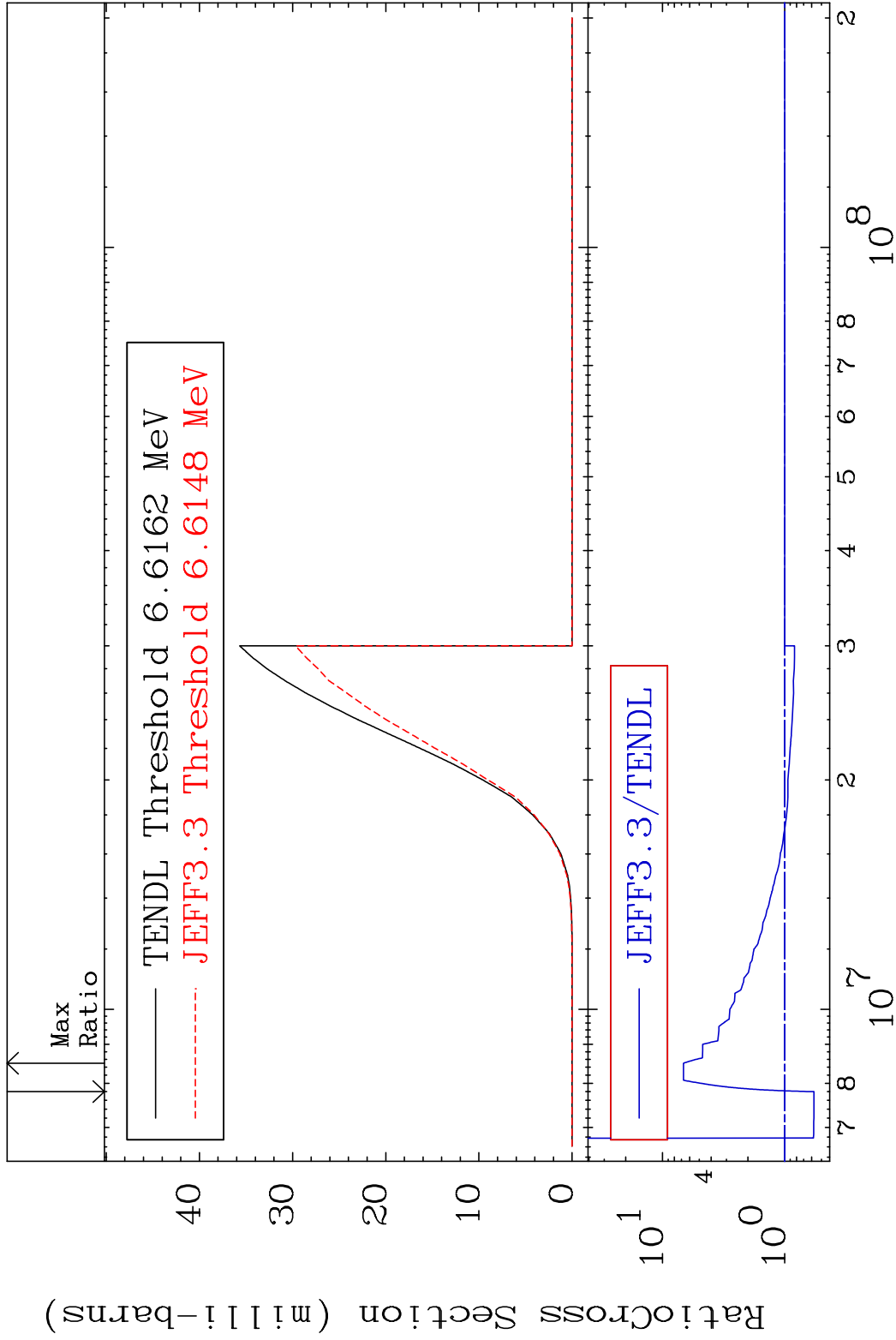


MAT 7634 (n,2n) d:75-Re-184m5 76-0s-187  
 Radionuclide Production Cross Section 9999. %



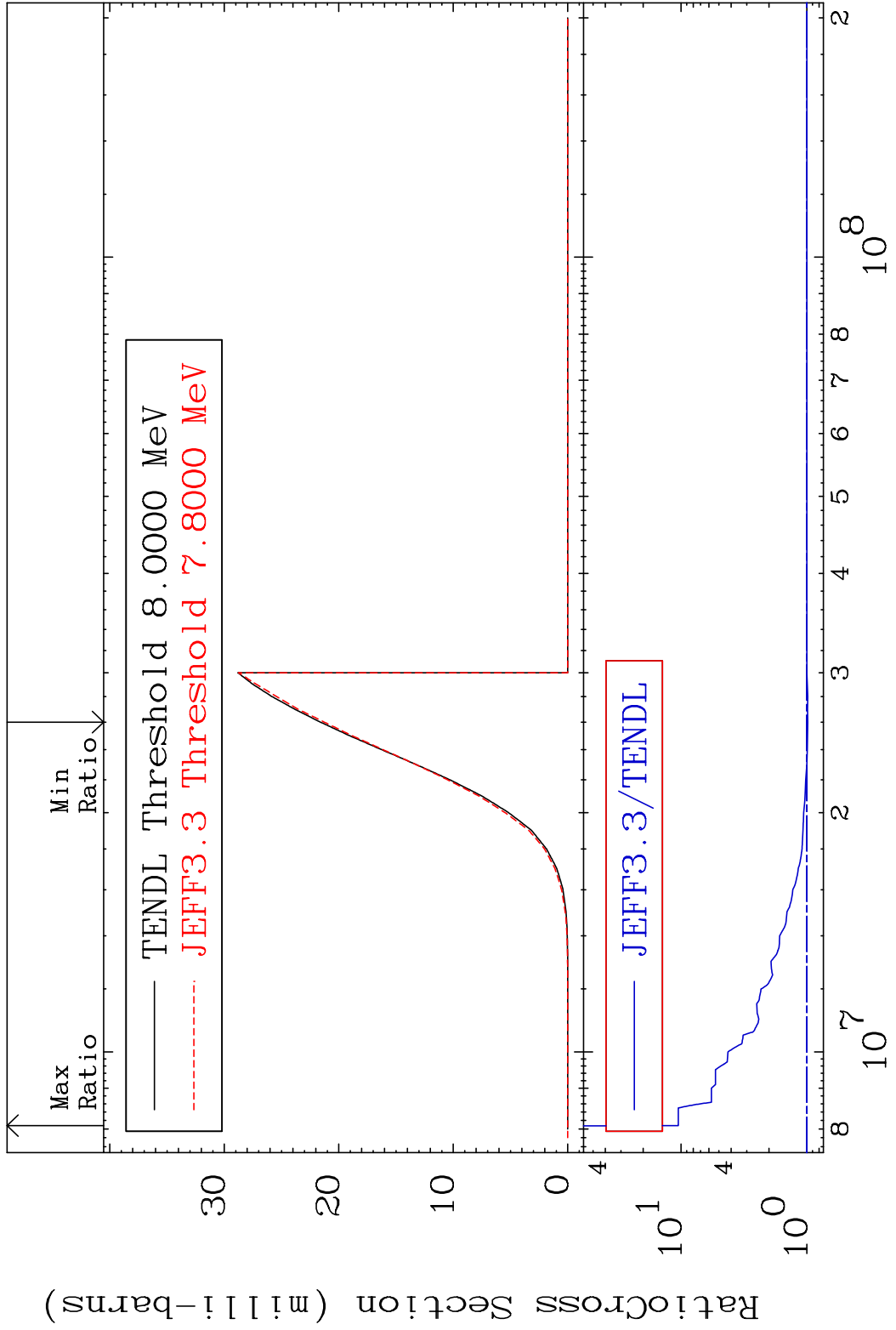
67 Incident Energy (eV) 76-0s-187

MAT 7634 (n, n') p:75-Re-186g 76-0s-187  
 Radionuclide Production Cross Section 42.861 dpo 574.0 %



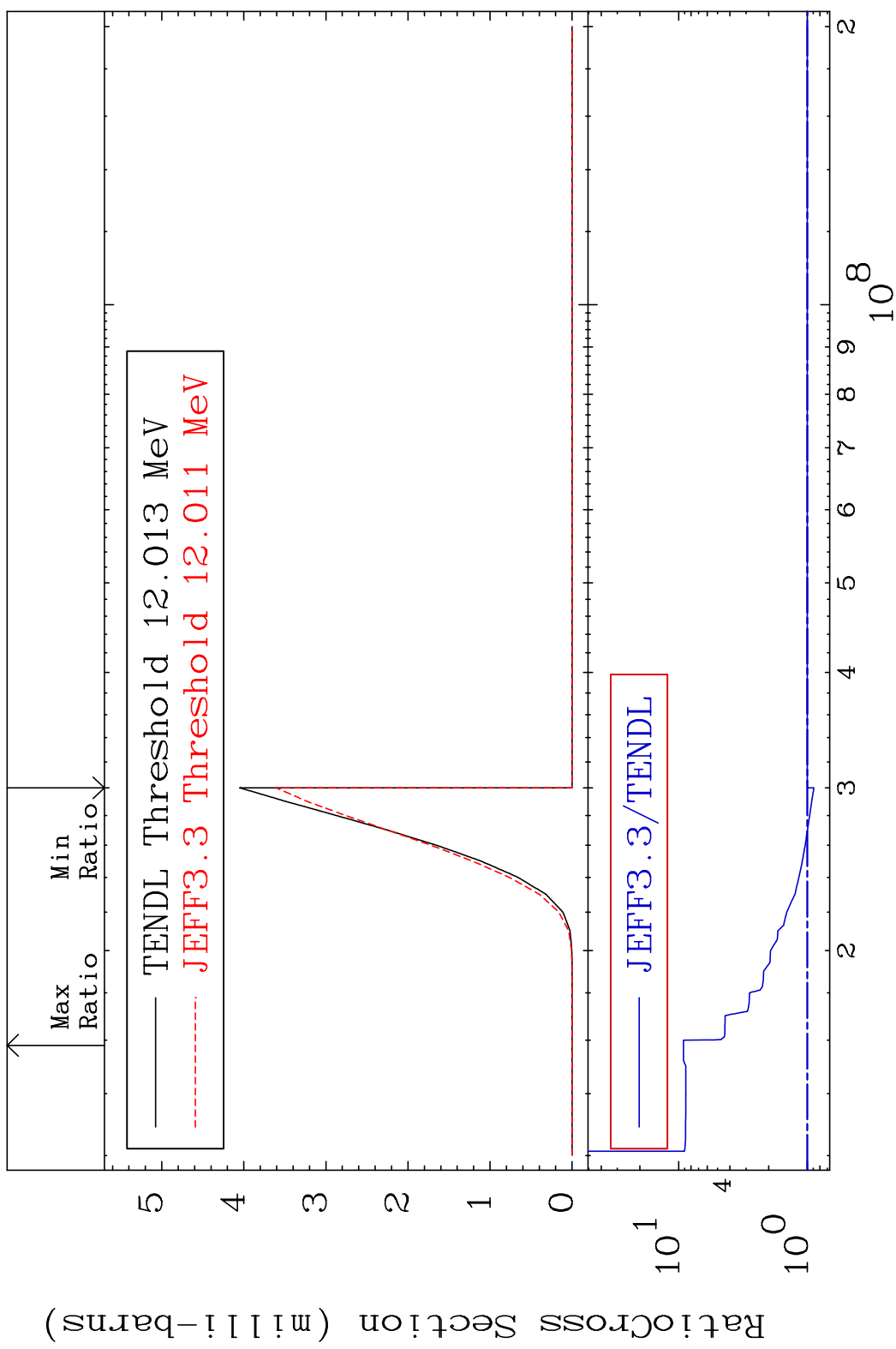
68 Incident Energy (eV) 76-0s-187

MAT 7634 (n, n') p: 75-Re-186m4 76-Os-187  
 Radionuclide Production Cross Section 1500Bi d10 951.0 %



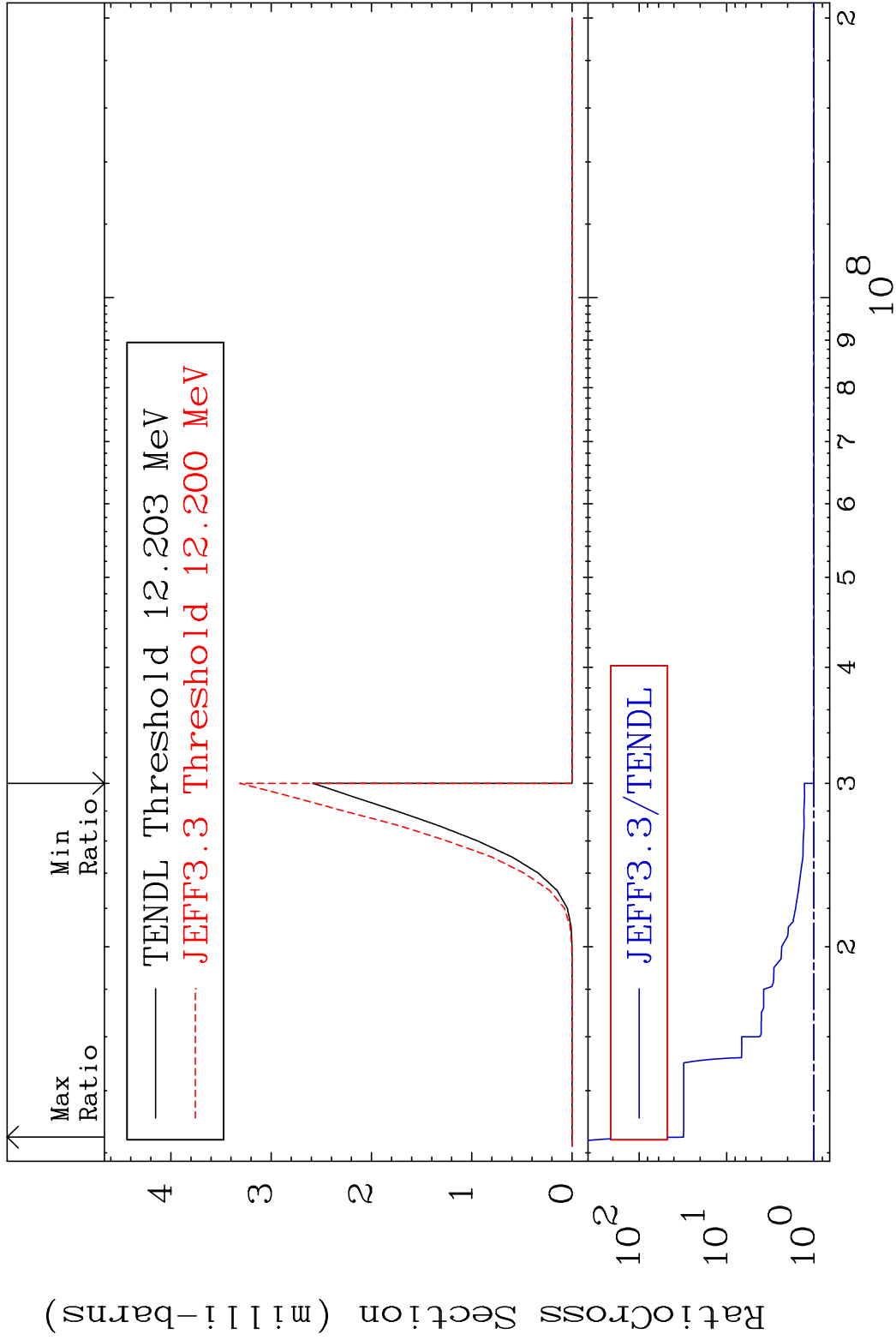
69 Incident Energy (eV) 76-Os-187

MAT 7634 (n, n') t:75-Re-184g 76-0s-187  
 Radionuclide Production Cross Section 817.9 %



70 76-0s-187

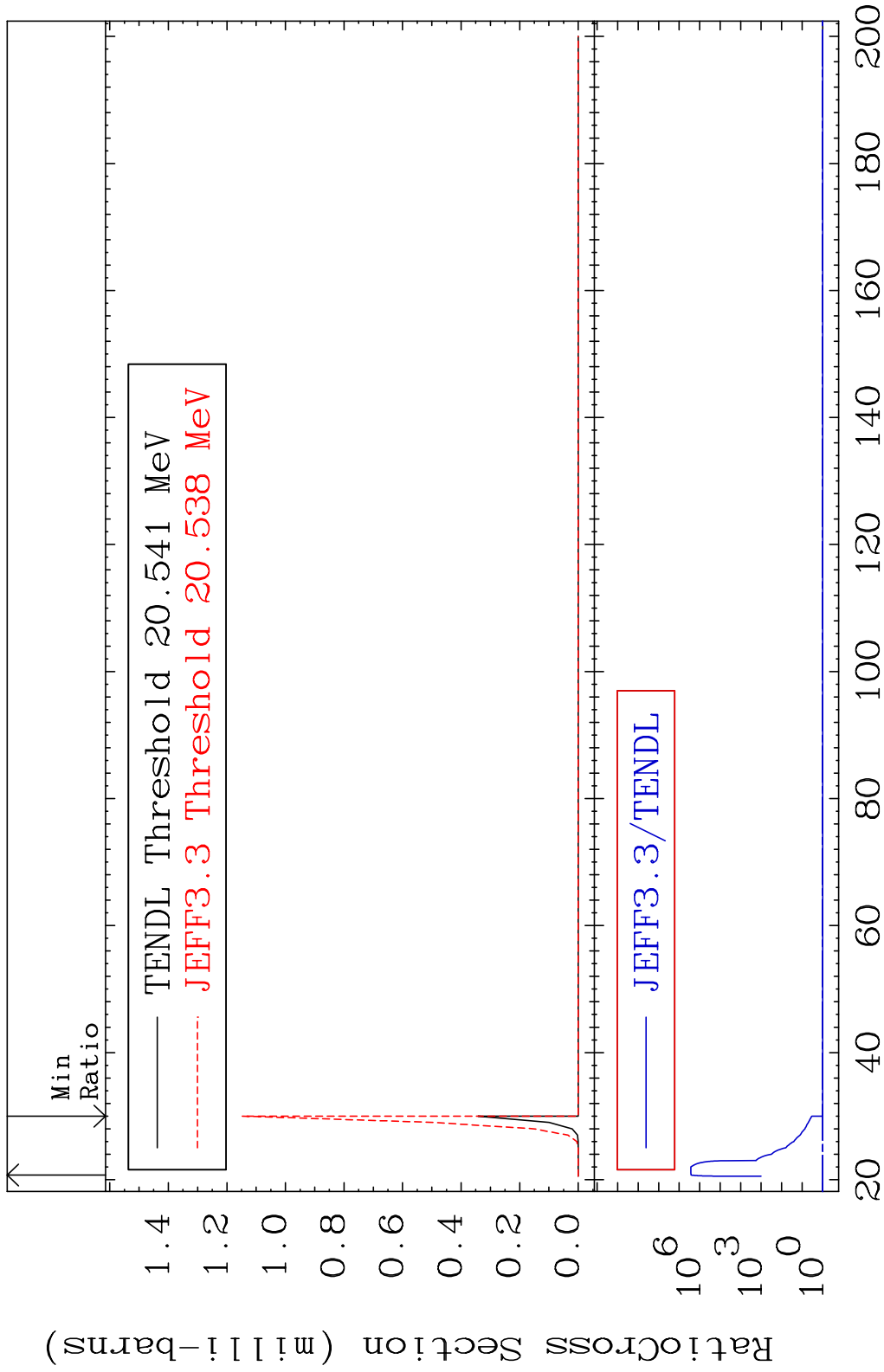
MAT 7634 (n, n') t:75-Re-184m5 76-0s-187  
 Radionuclide Production Cross Section 3017. %



71 Incident Energy (eV) 76-0s-187

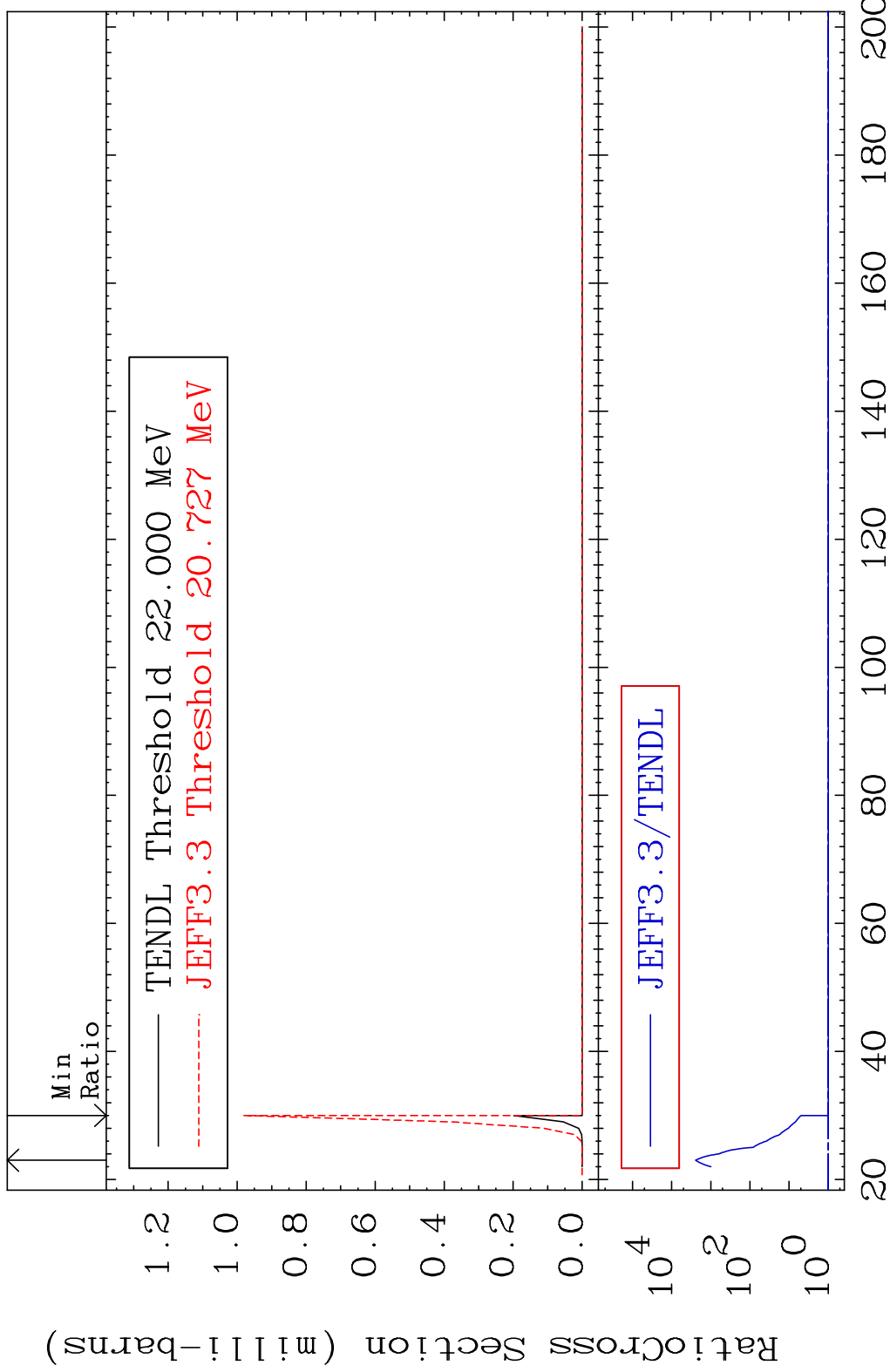


MAT 7634 (n,3n) p:75-Re-184g 76-0s-187  
 Radionuclide Production Cross Section 9999. %



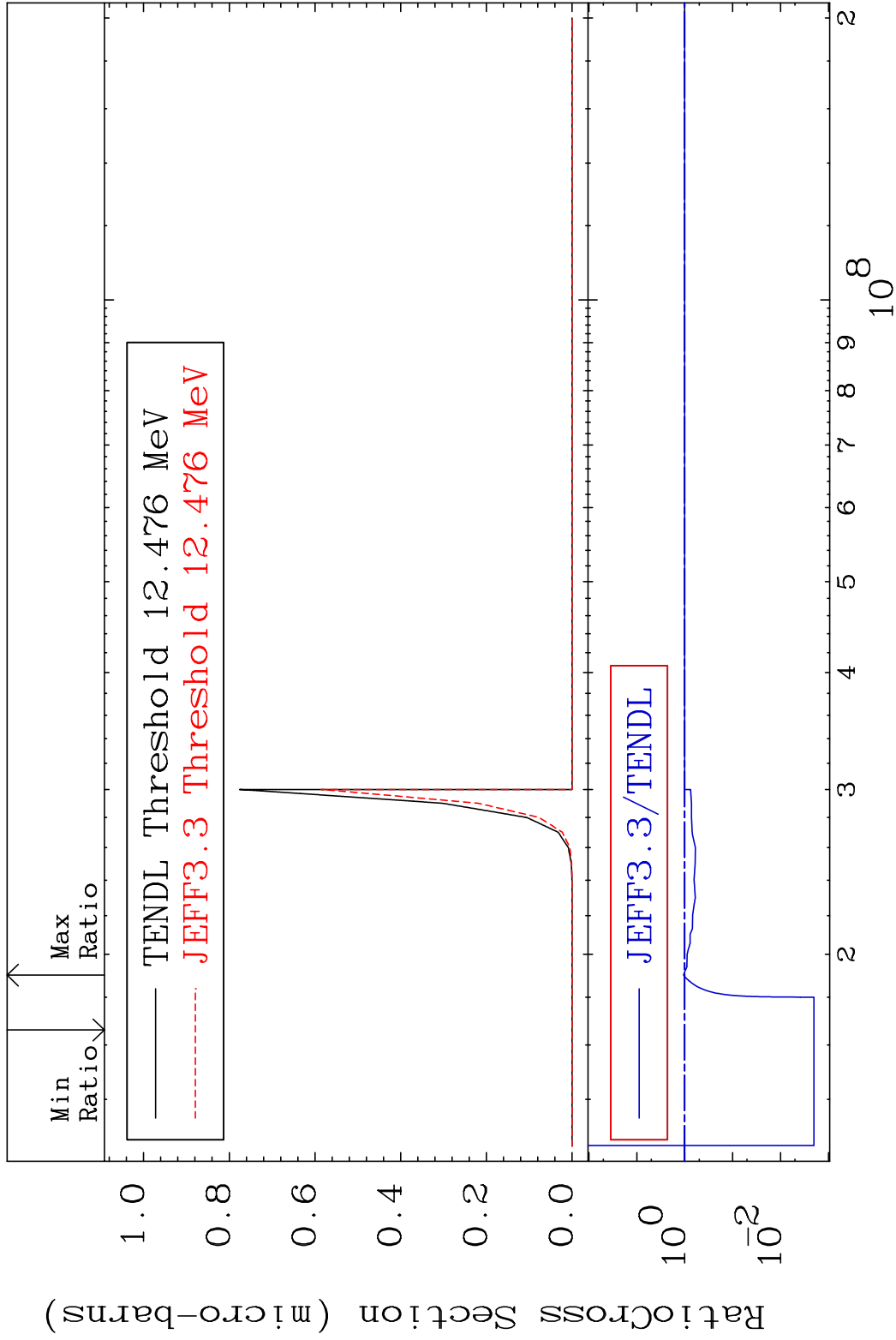
72 Incident Energy (MeV) 76-0s-187

MAT 7634 (n,3n) p:75-Re-184m5 76-Os-187  
 Radionuclide Production Cross Section 9999. %



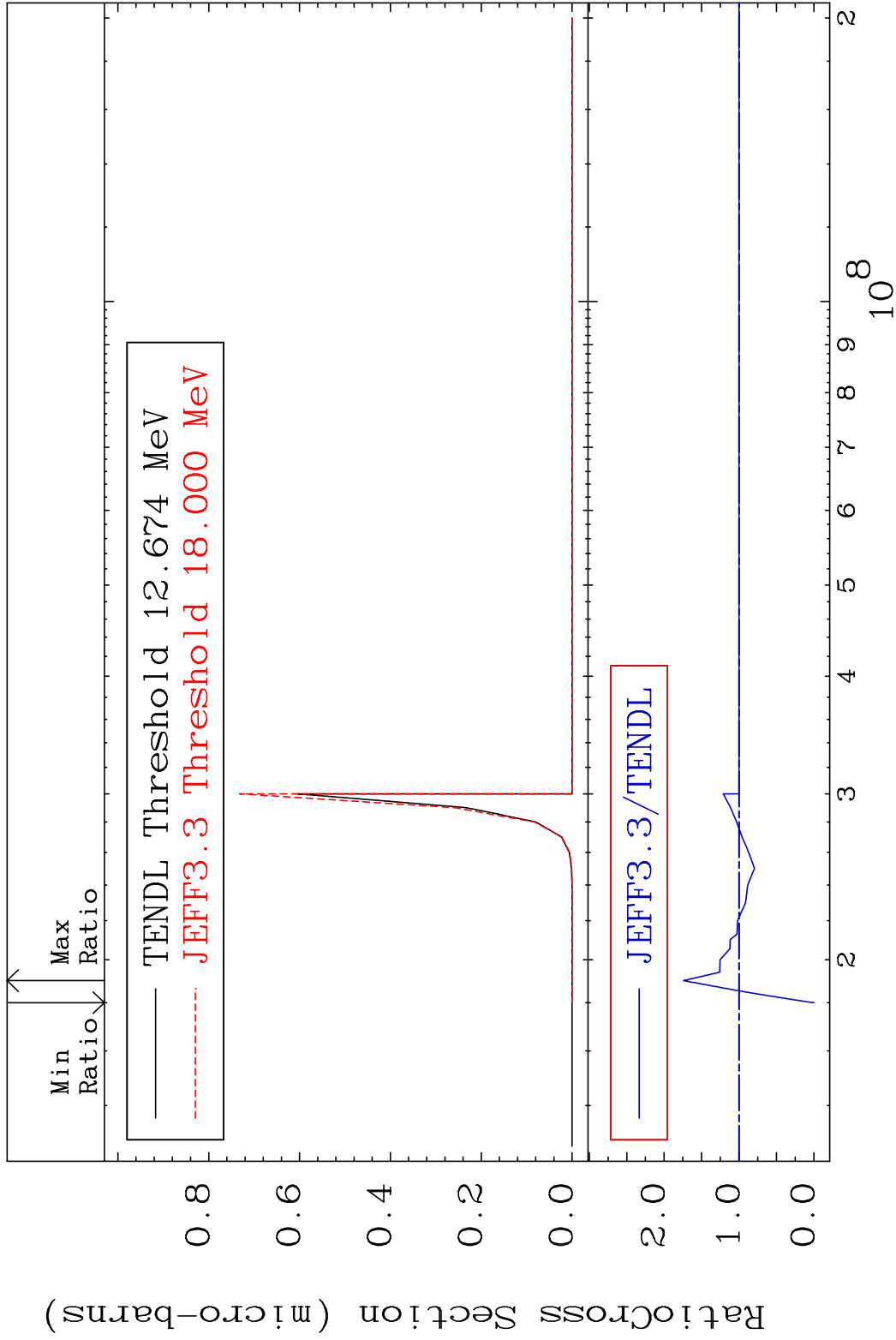
73 76-Os-187

MAT 7634 (n,2n) p:74-W -185g 76-0s-187  
 Radionuclide Production Cross Section 99Se 6.387 %



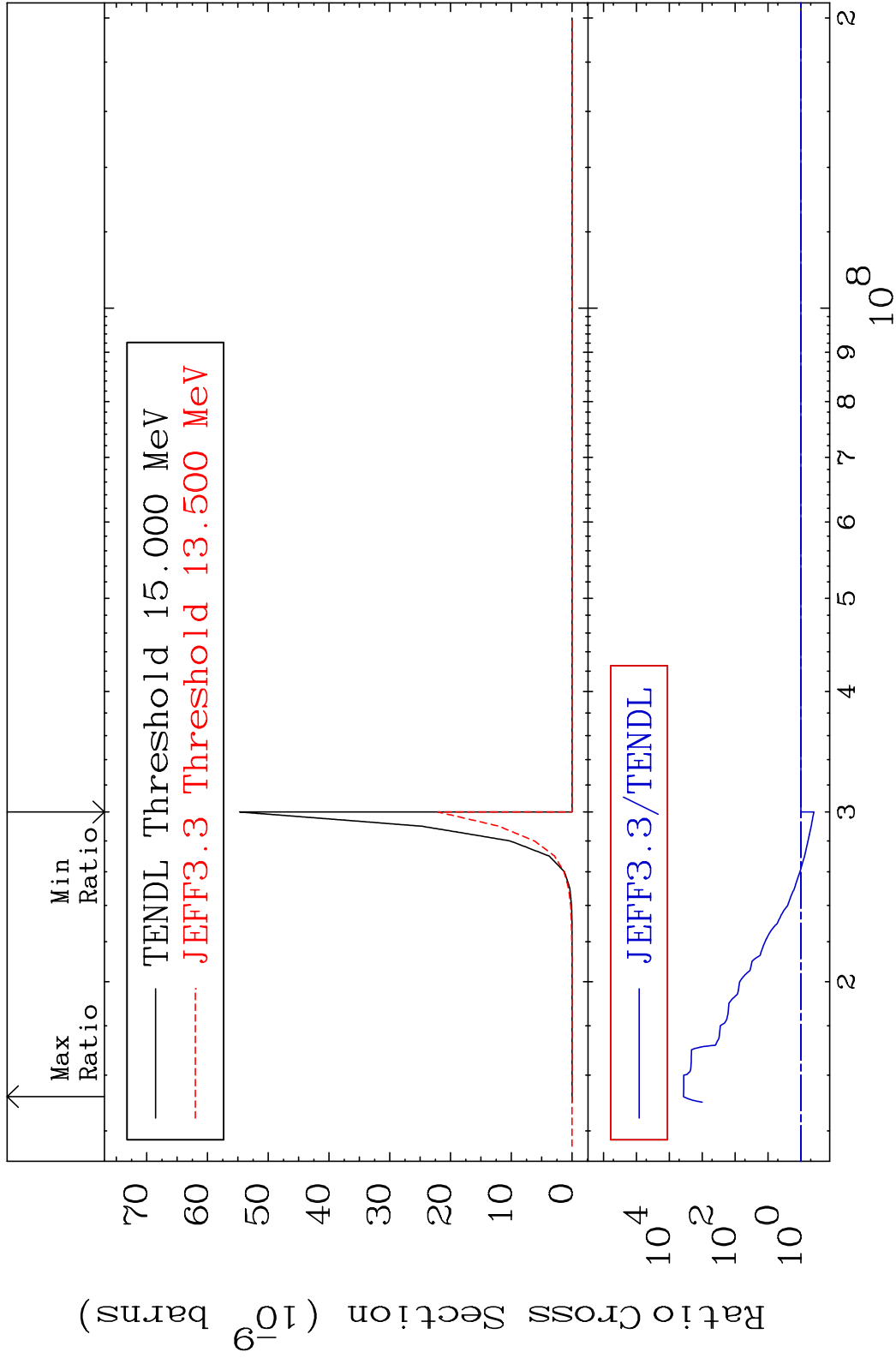
74 Incident Energy (eV) 76-0s-187

MAT 7634 (n,2n) p:74-W -185m6 76-0s-187  
 Radionuclide Production Cross Section 18000 dpo 74.23 %



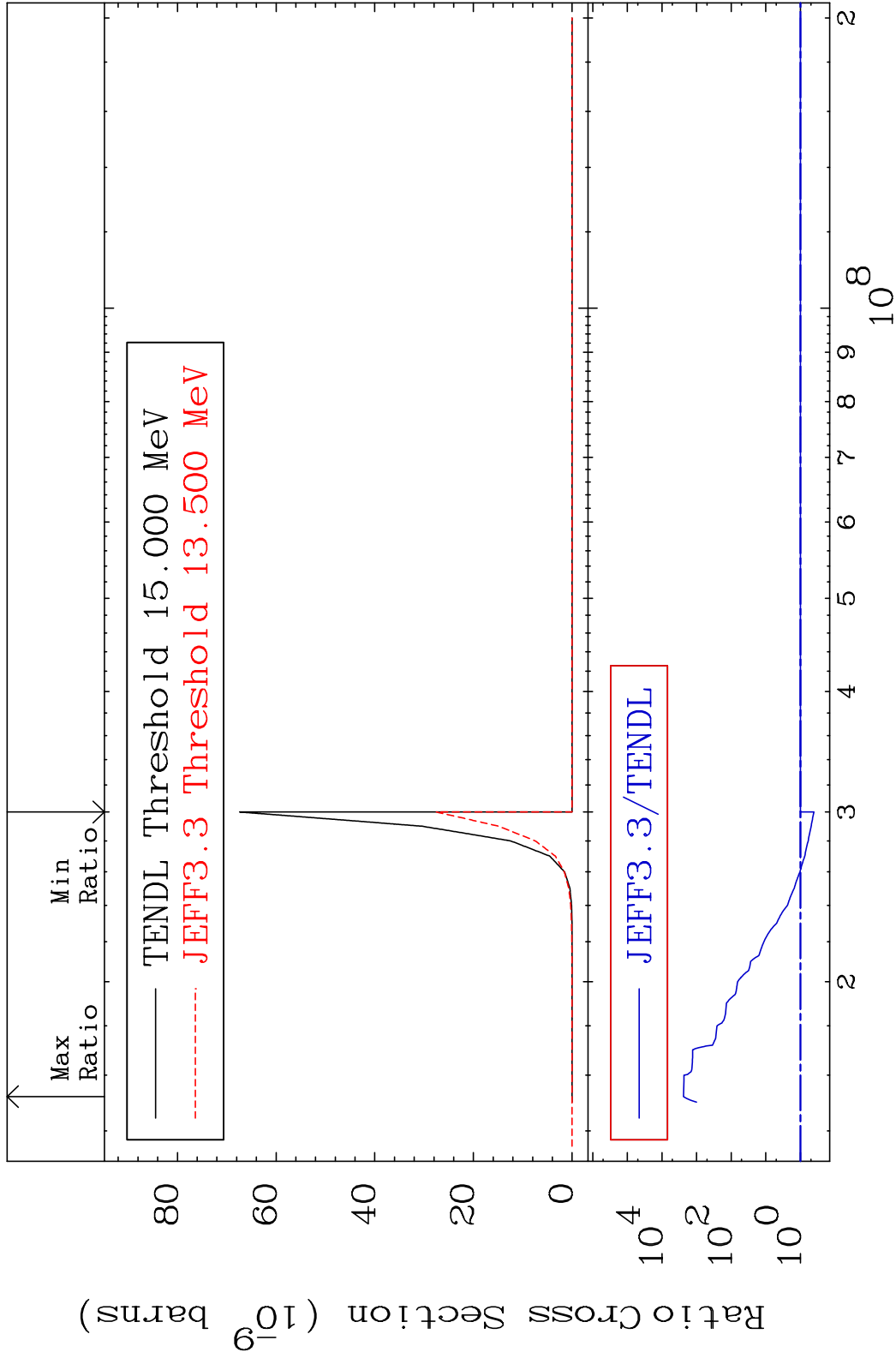
75 Incident Energy (eV) 76-0s-187

MAT 7634 (n, n') p  $\alpha$ : 73-Ta-182g 76-0s-187  
 Radionuclide Production Cross Section 5965 dtd 9999. %

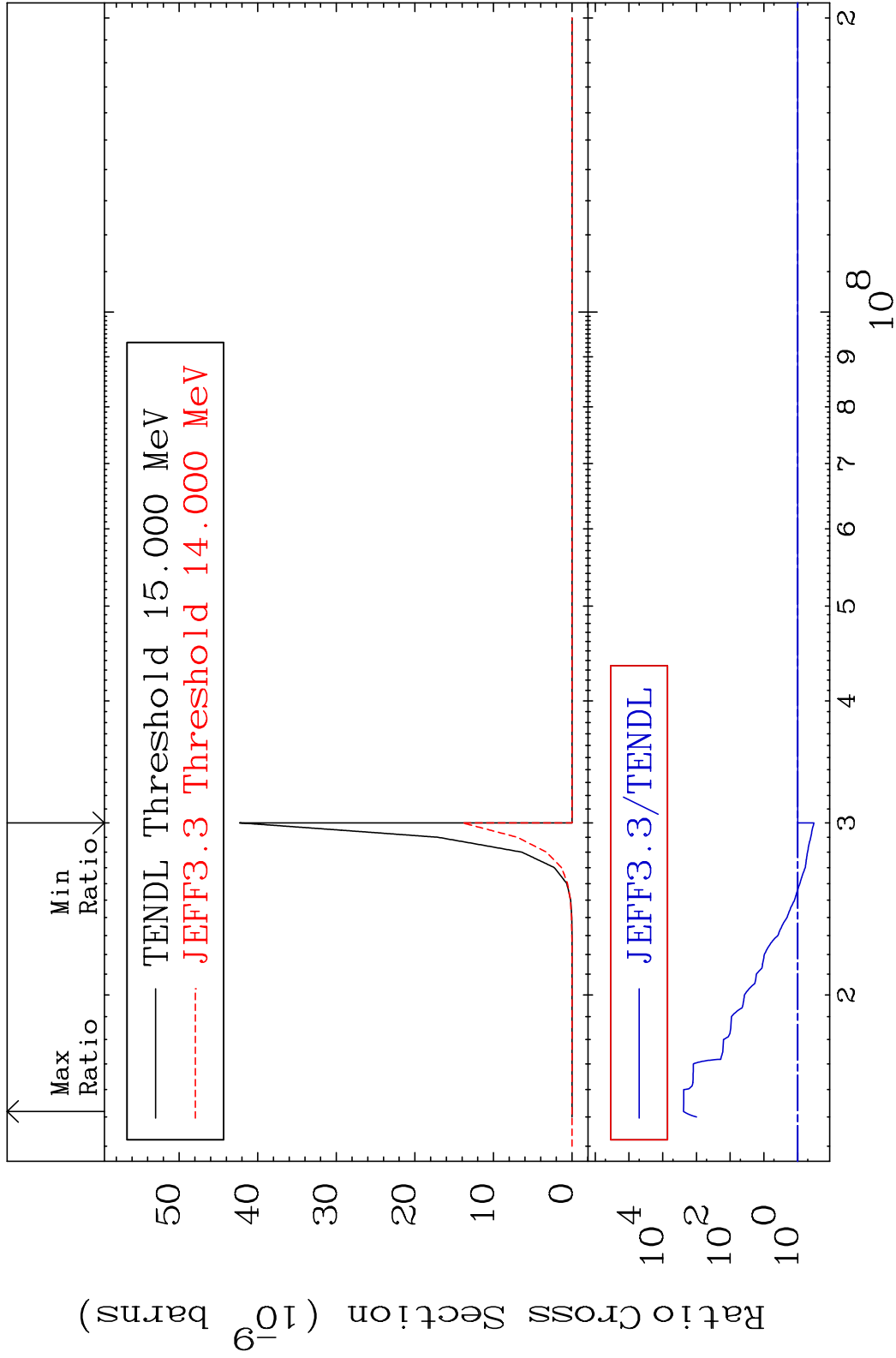


76 Incident Energy (eV) 76-0s-187

MAT 7634 (n, n') p α: 73-Ta-182m1 76-Os-187  
 Radionuclide Production Cross Section 53edBi dfo 9999. %

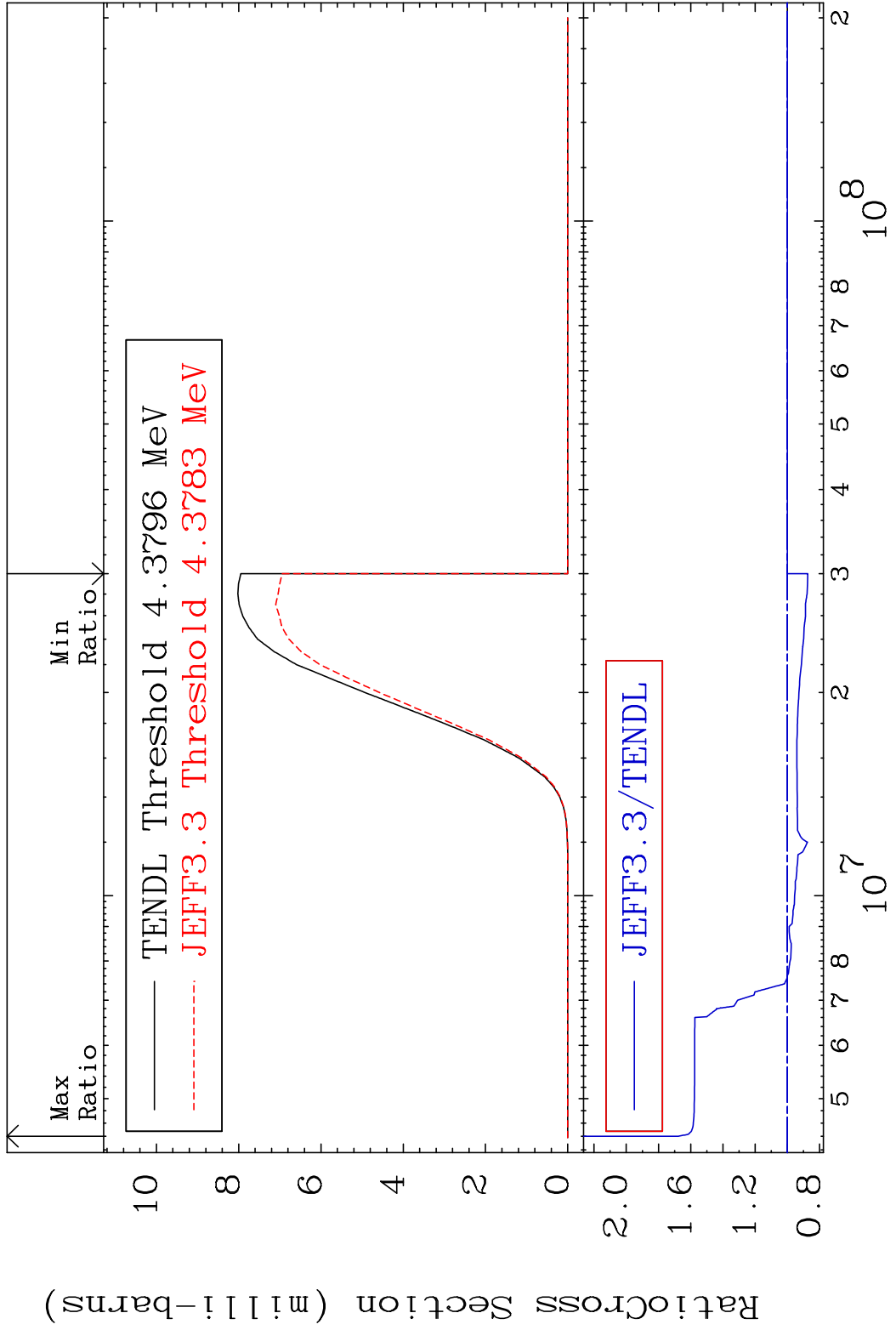


MAT 7634 (n, n') p α: 73-Ta-182m29 76-Os-187  
 Radionuclide Production Cross Section to 9999. %



78 Incident Energy (eV) 76-Os-187

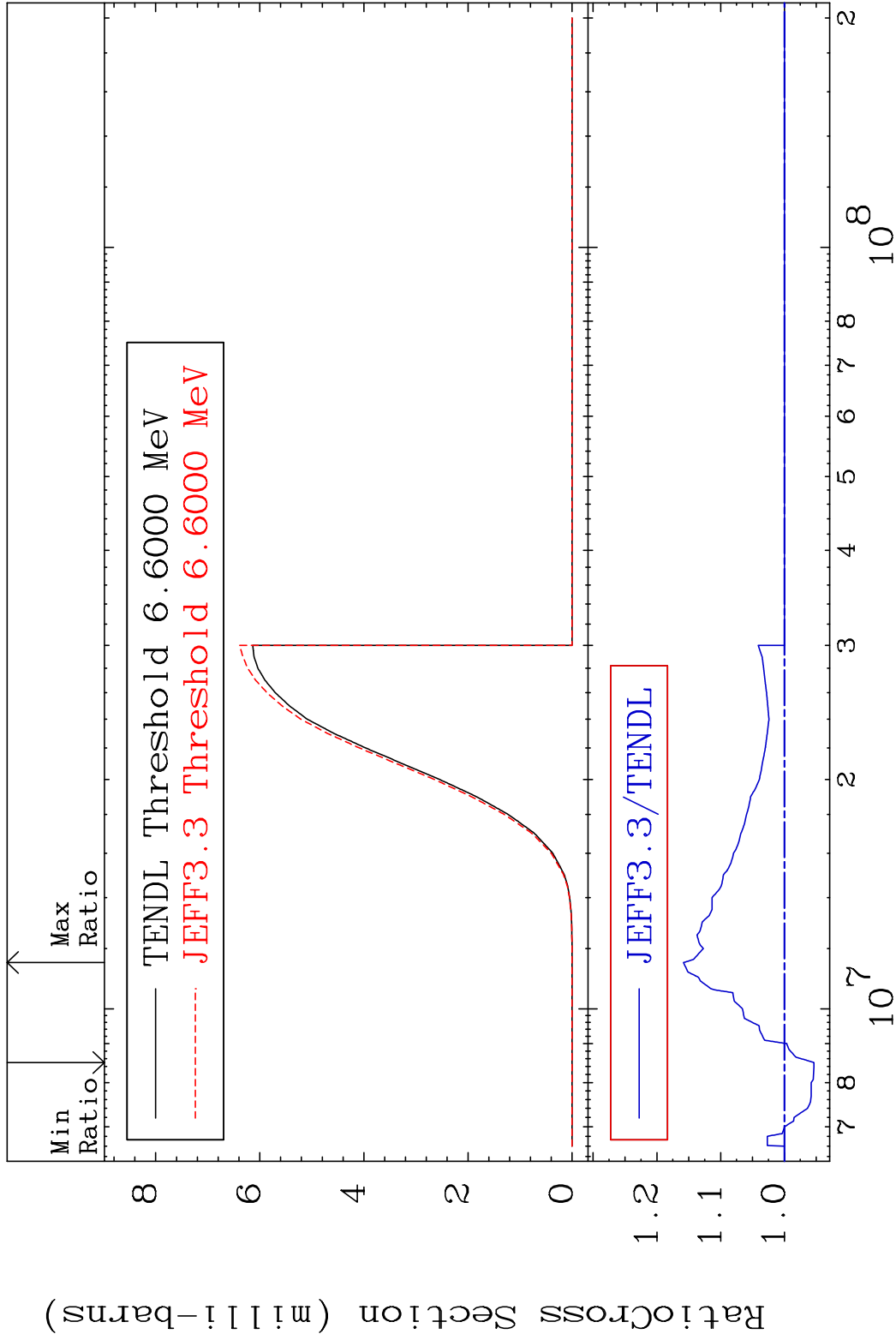
MAT 7634 (n,d):75-Re-186g 76-0s-187  
 Radionuclide Production Cross Section 12600 d to 67.73 %



79 76-0s-187

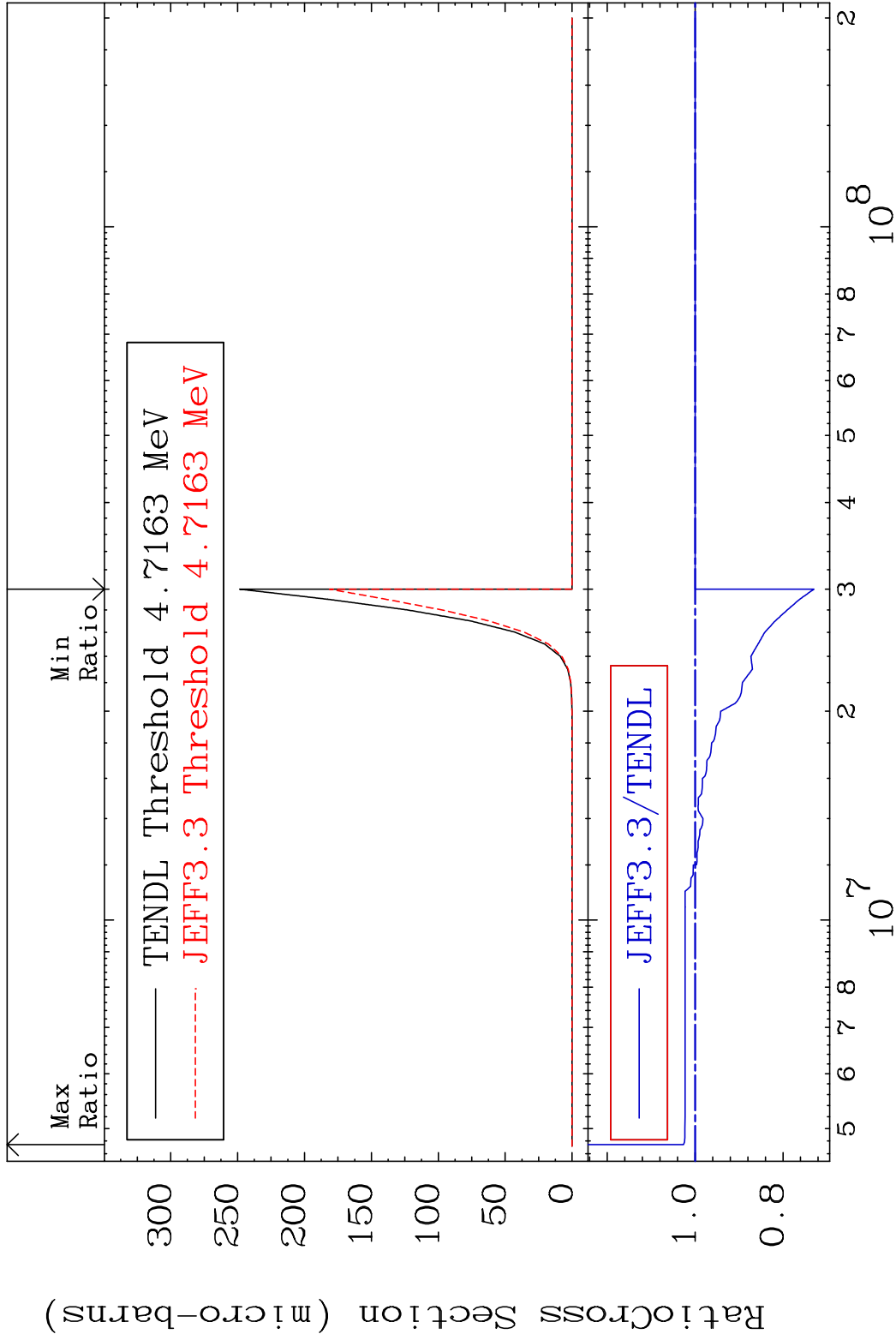


MAT 7634 (n, d): 75-Re-186m4 76-Os-187  
 Radionuclide Production Cross Section 46261to 15.83 %



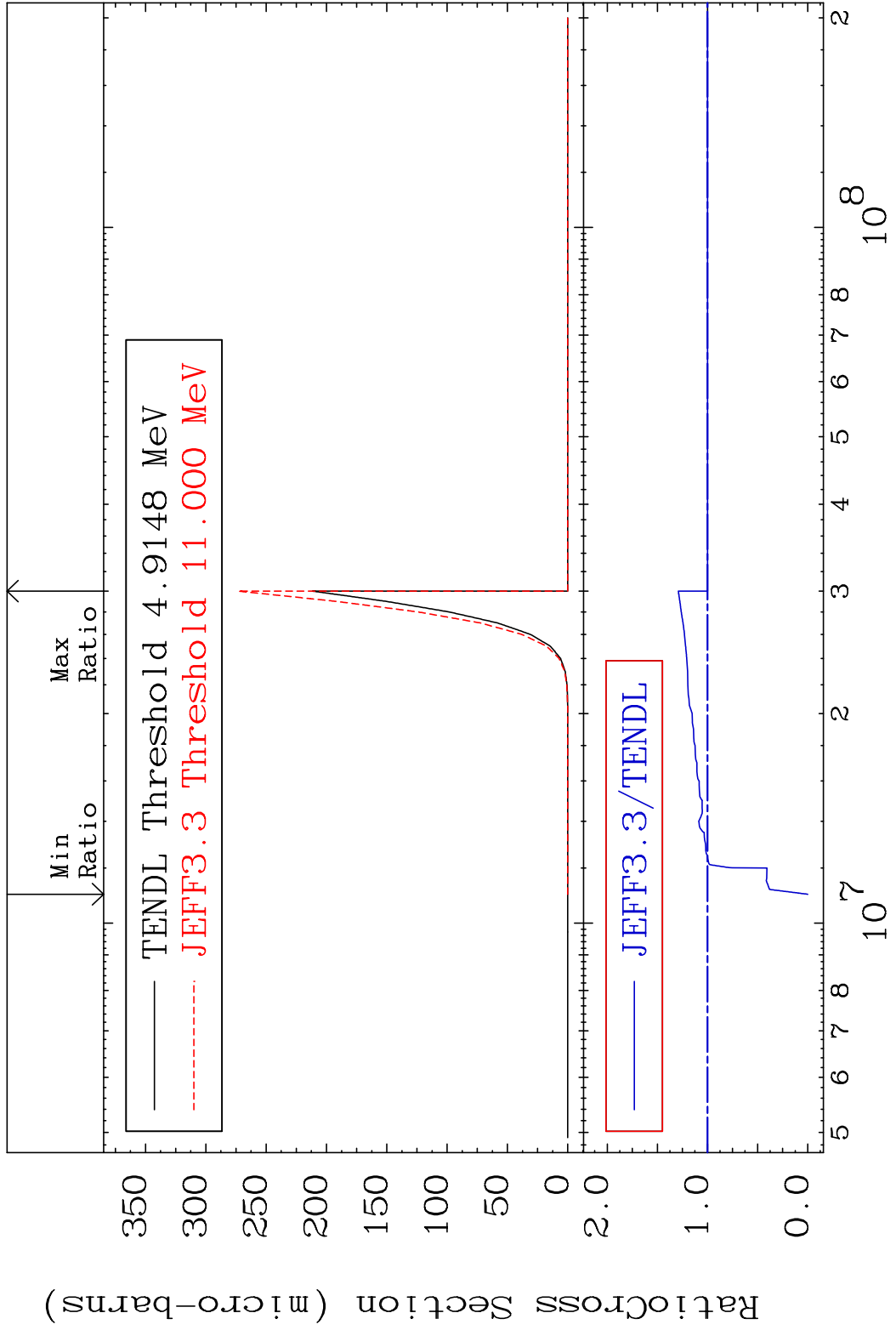
80 76-Os-187

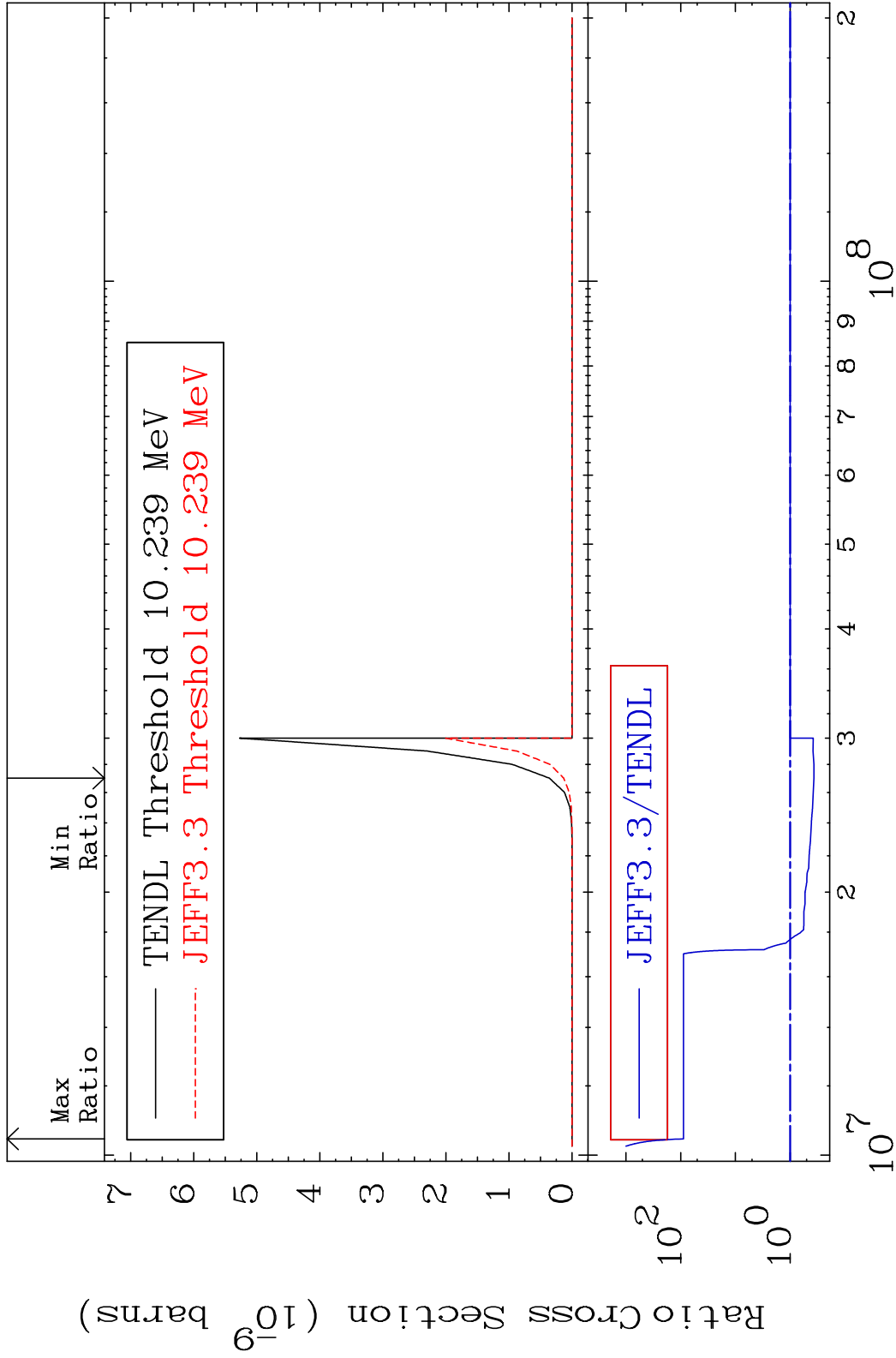
MAT 7634 (n, He-3) : 74-W -185g 76-0s-187  
 Radionuclide Production Cross Section 2.658 %



81 Incident Energy (eV) 76-0s-187

MAT 7634 (n,He-3):74-W -185m6 76-0s-187  
 Radionuclide Production Cross Section 180000 dpo 29.15 %





MAT 7634 (n, p) d:74-W -185m6 76-0s-187  
 Radionuclide Production Cross Section 217.5 %

