

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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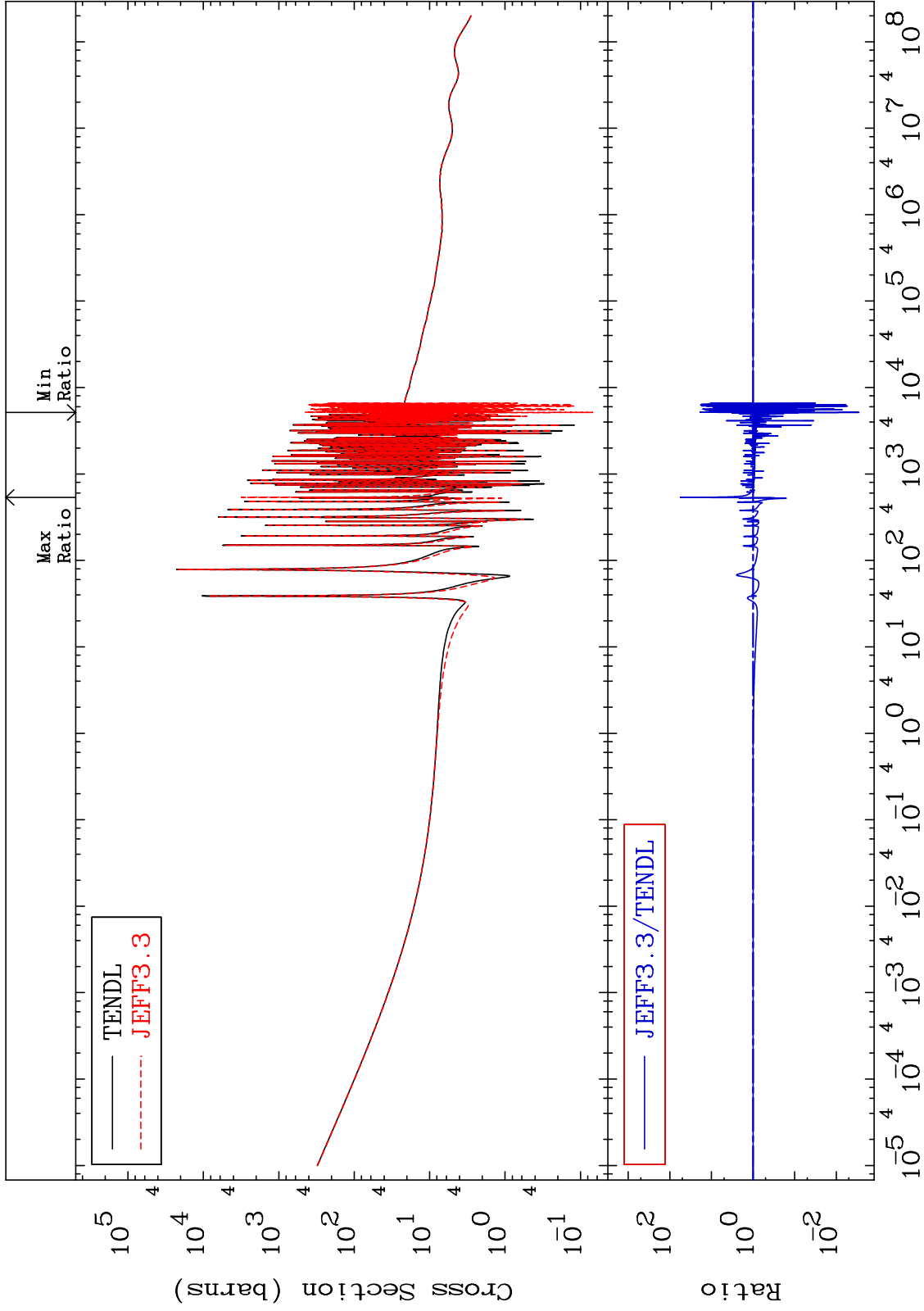
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7637

Total
Cross Section

76-0s-188
-99.71 To 5540. %



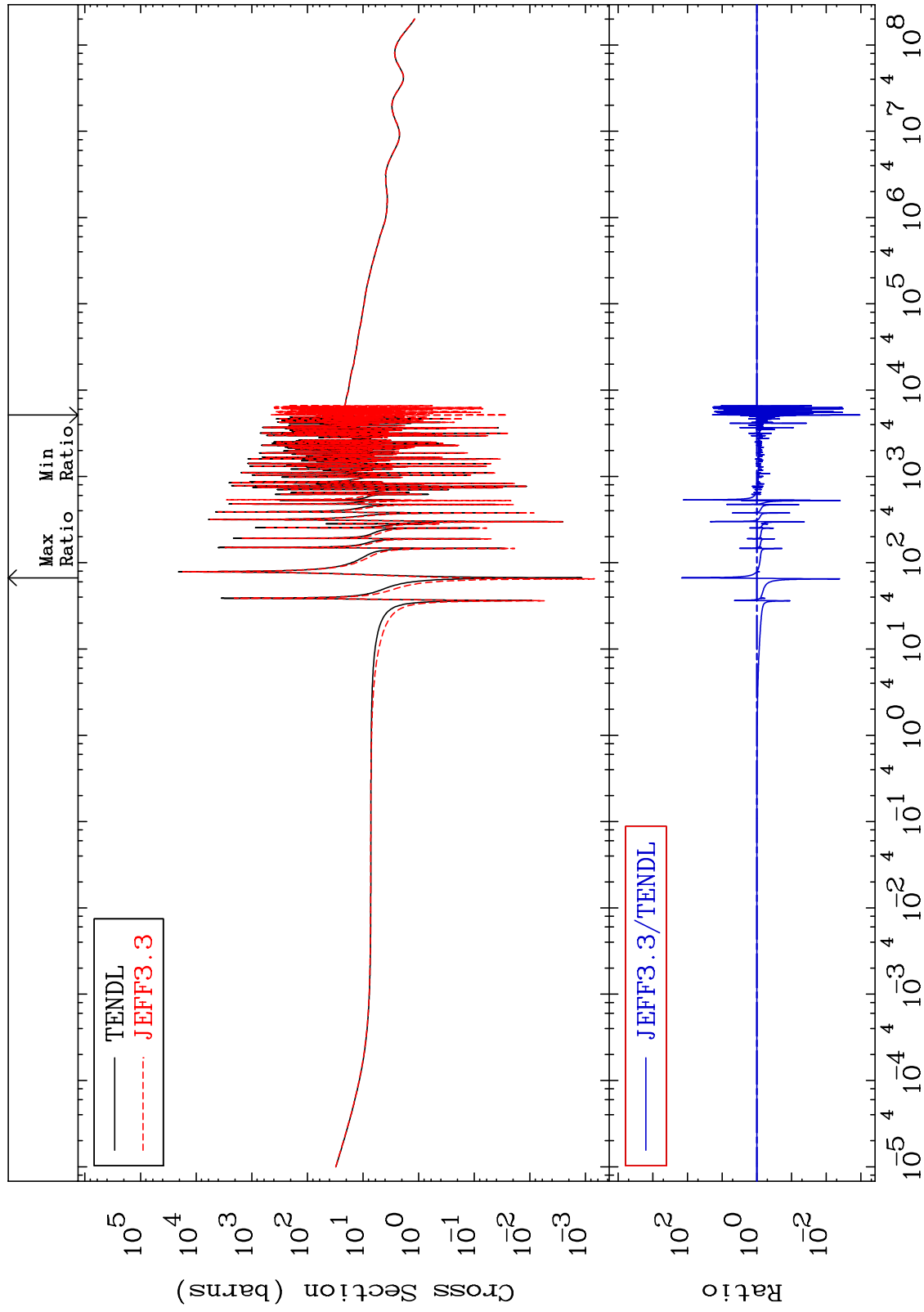
Incident Energy (eV)

76-0s-188

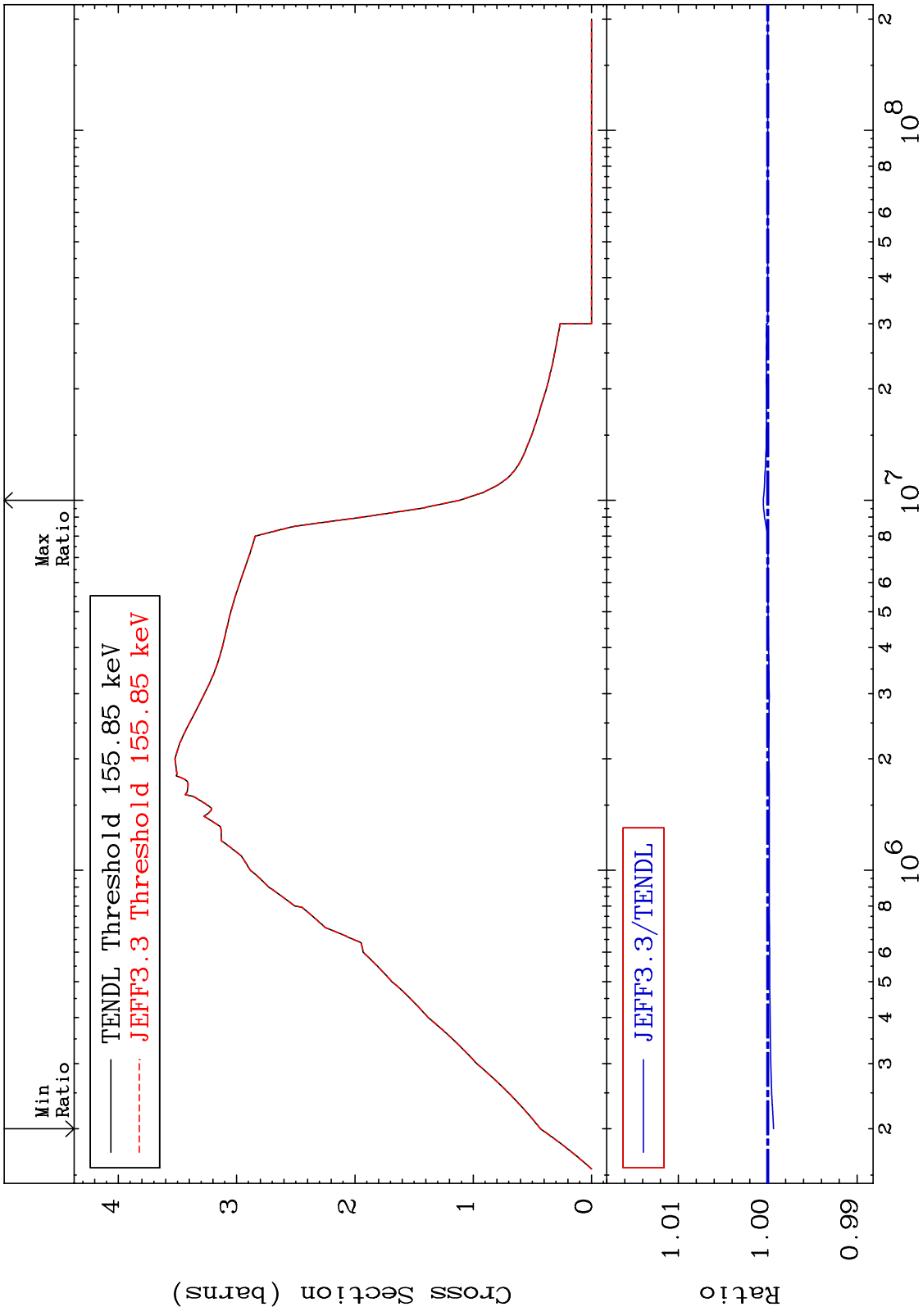
MAT 7637

Elastic
Cross Section

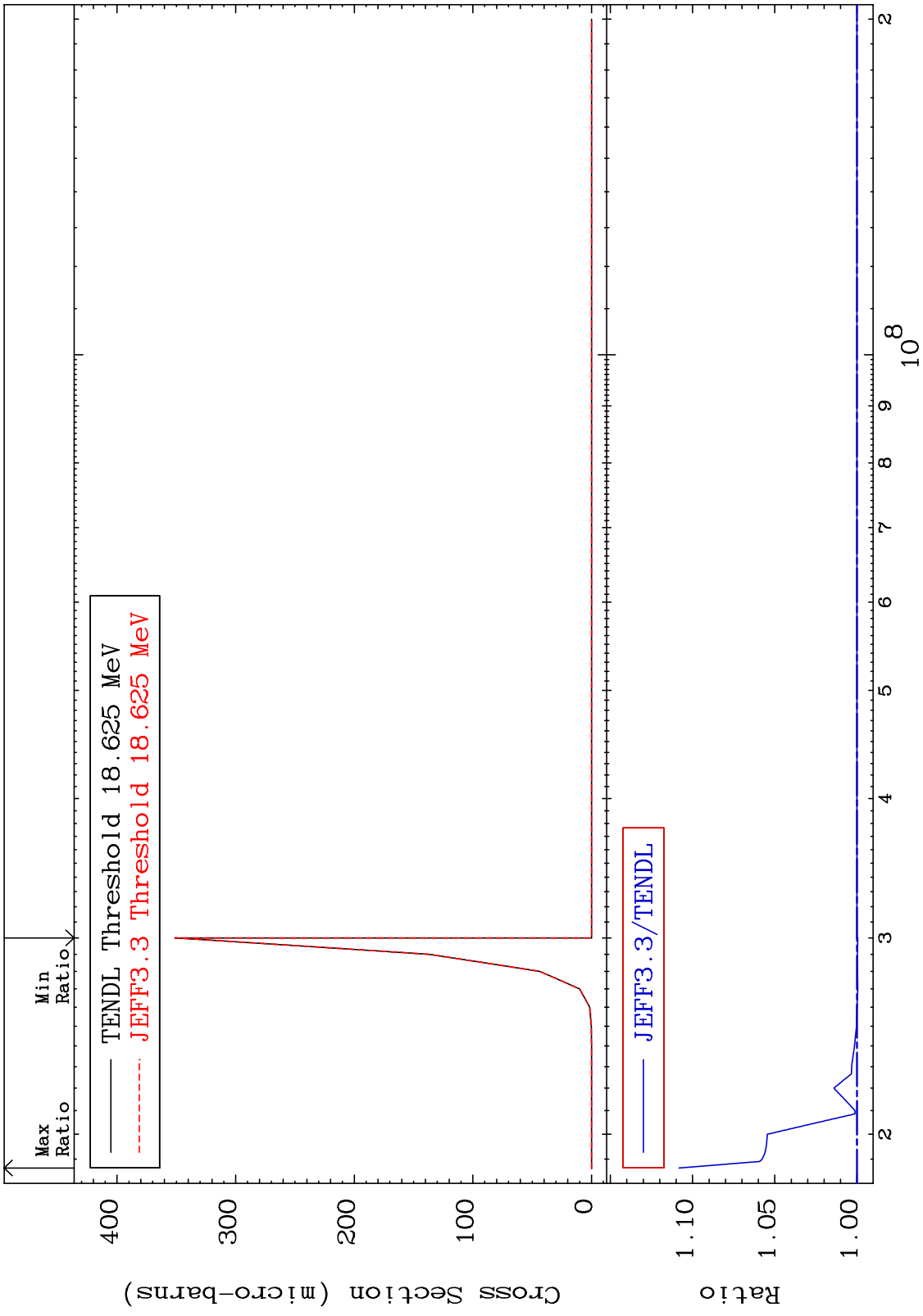
76-0s-188
-99.89 To 9999. %



MAT 7637 Inelastic Cross Section 76-0s-188 -0.065 To 0.050 %



MAT 7637 (n,2n) d 76-0s-188
 Cross Section -0.051 To 10.82 %



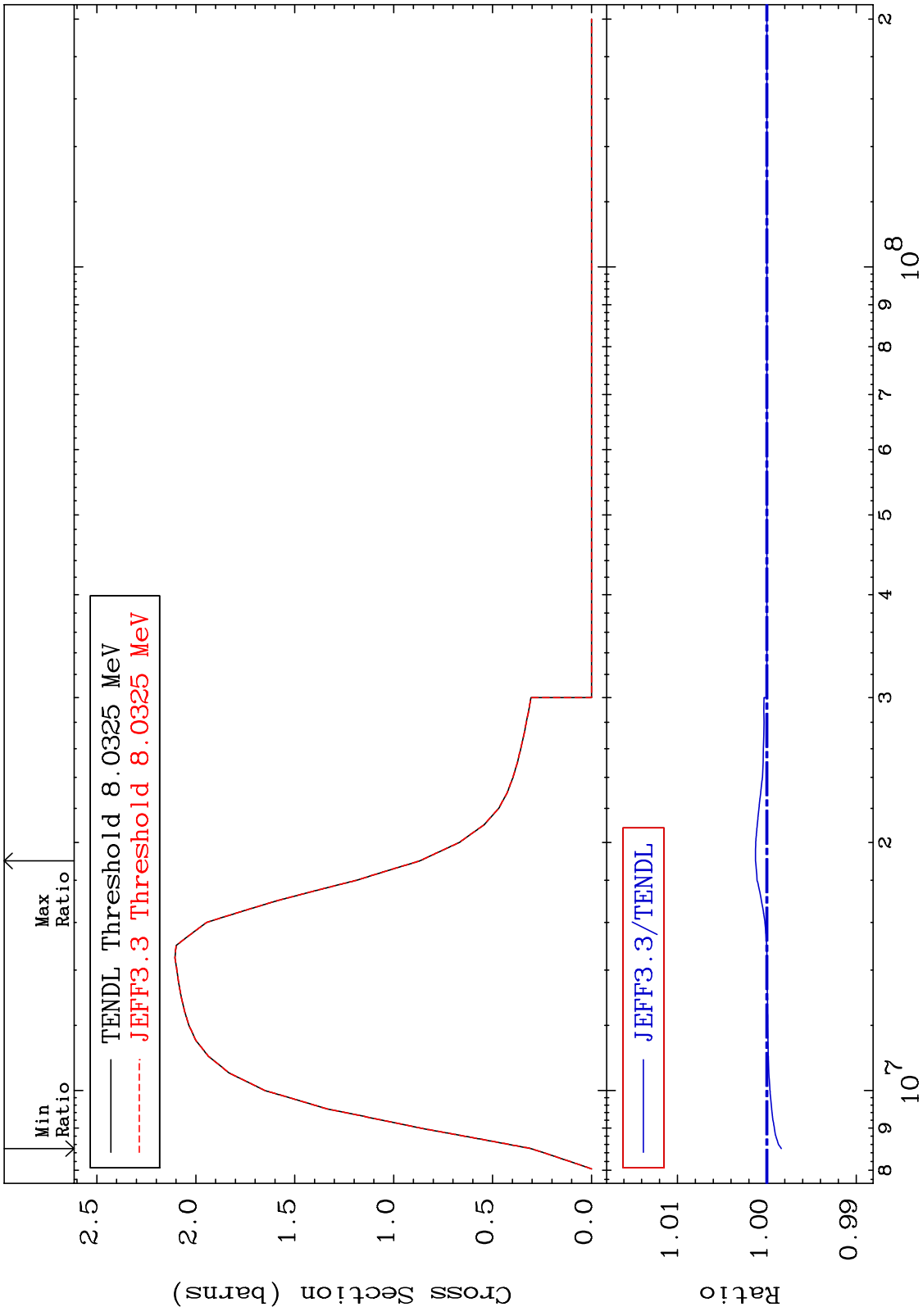
MAT 7637

(n,2n)

76-0s-188

Cross Section

-0.162 To 0.127 %

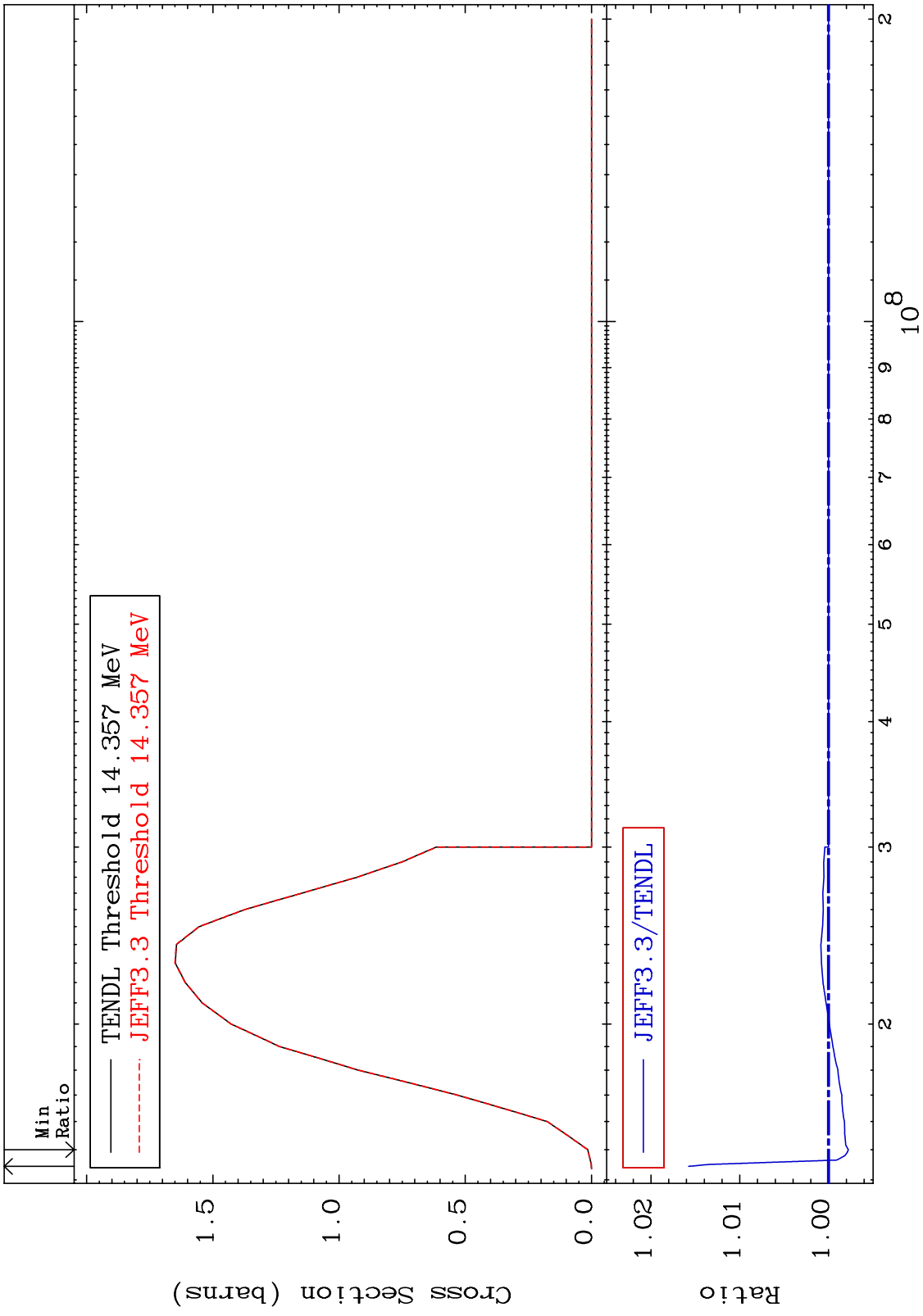


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Incident Energy (eV)

76-0s-188

MAT 7637 (n,3n) Cross Section 76-0s-188
 -0.223 To 1.578 %



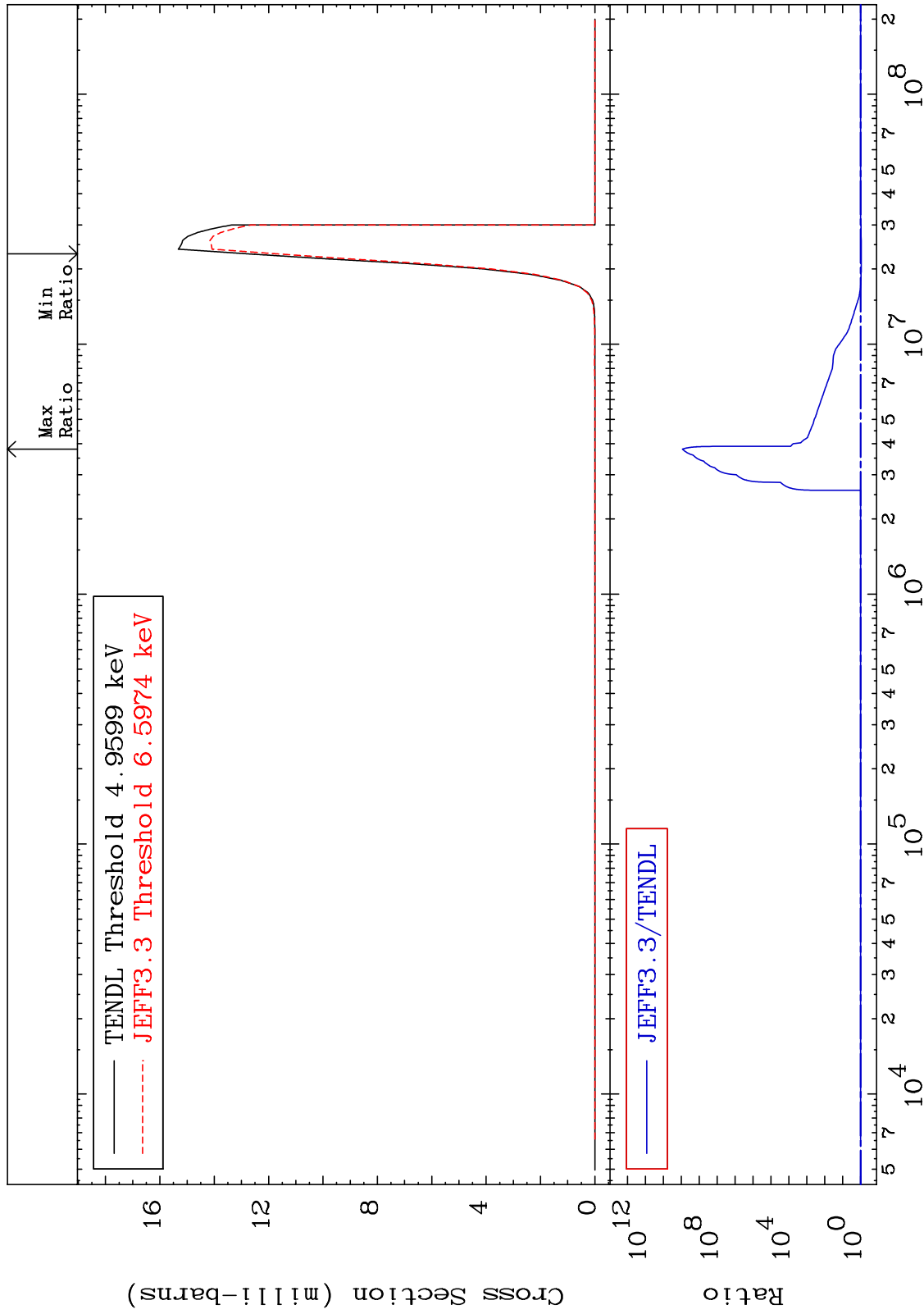
MAT 7637

(n,n') α

76-Os-188

-8.352 To 9999. %

Cross Section

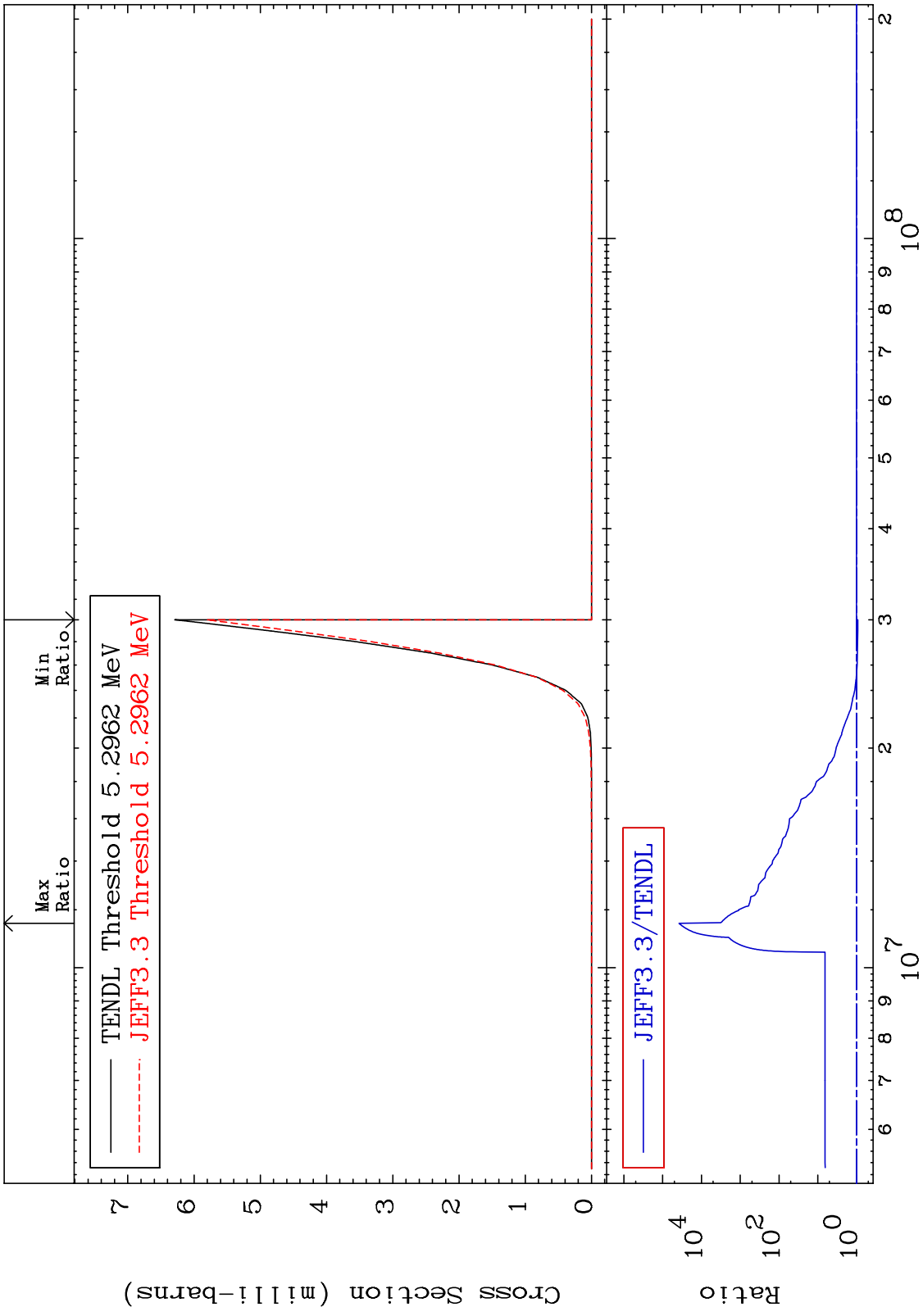


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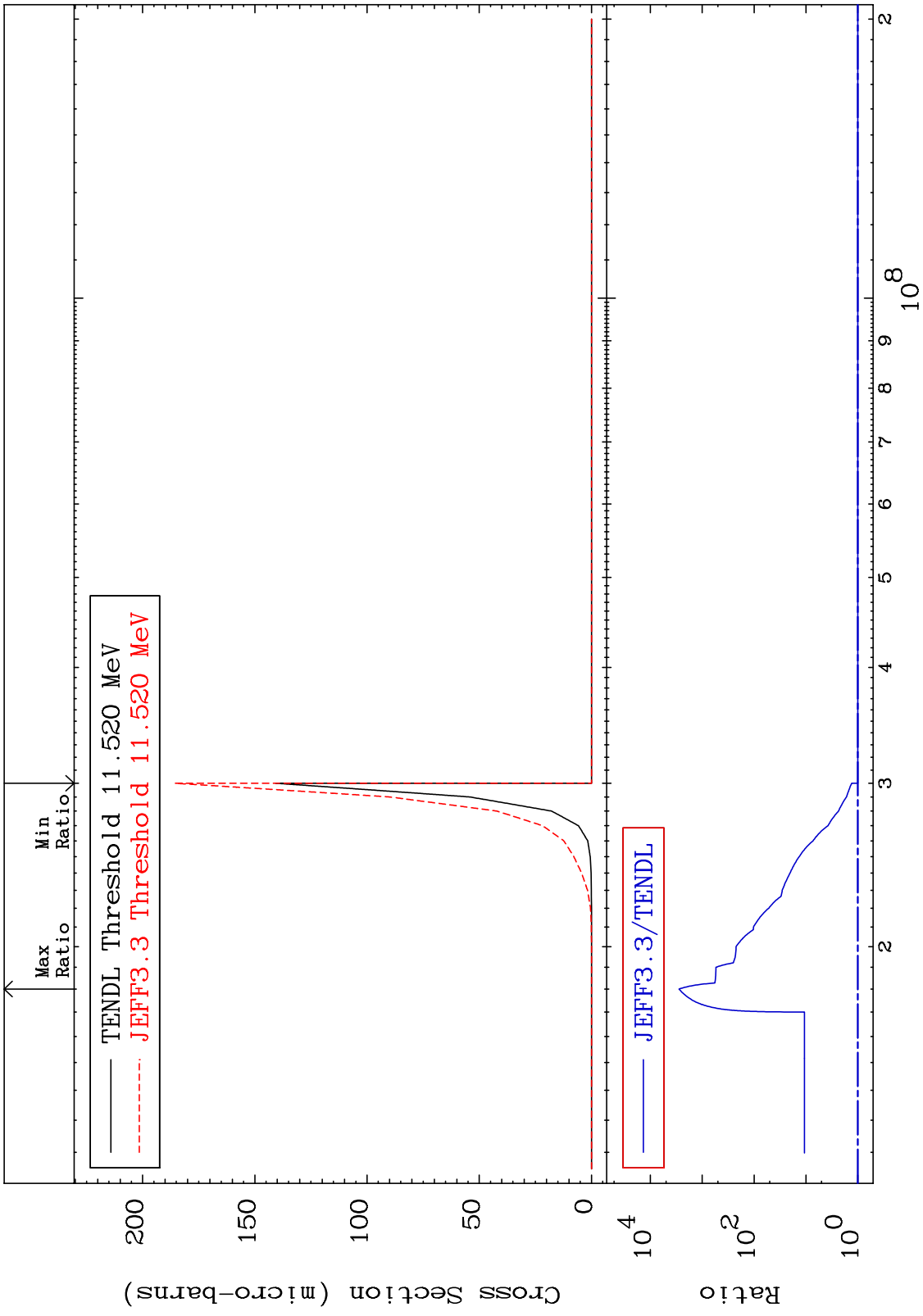
Incident Energy (eV)

76-Os-188

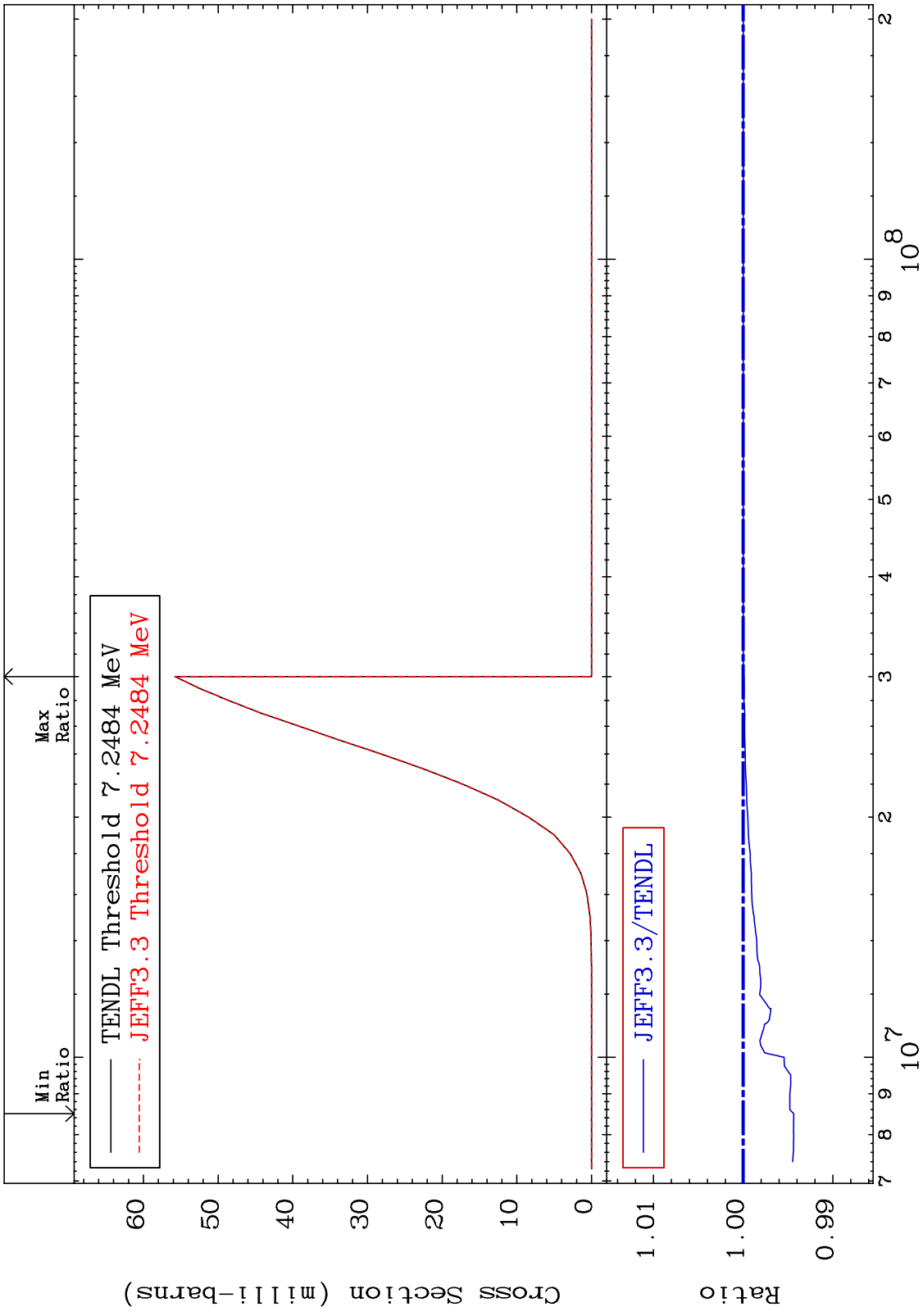
MAT 7637 (n,2n) α 76-Os-188
 Cross Section -7.537 To 9999. %



MAT 7637 (n,3n) α 76-Os-188
 Cross Section 0.000 To 9999. %

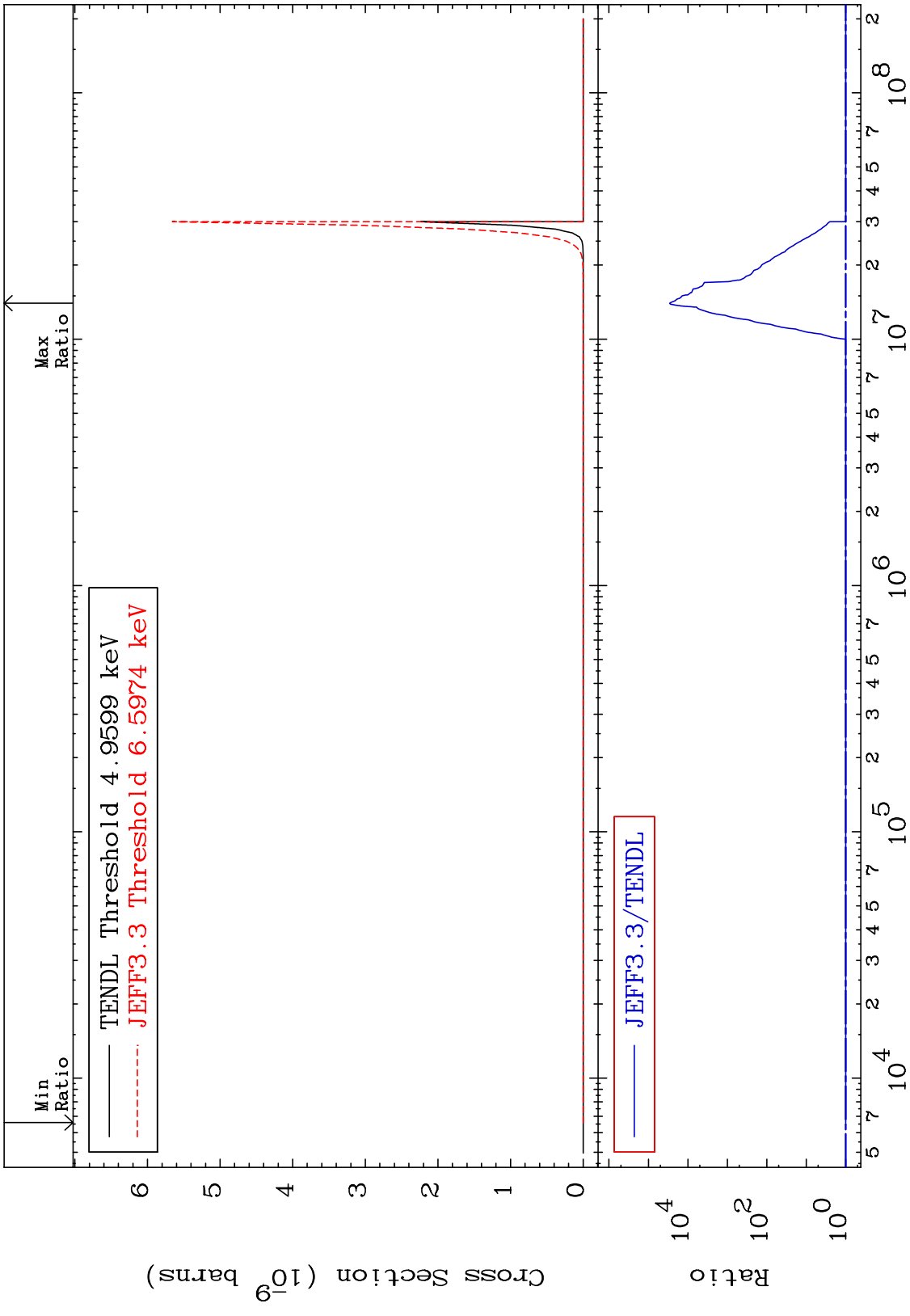


MAT 7637 (n,n') p 76-0s-188
Cross Section -0.564 To 0.000 %

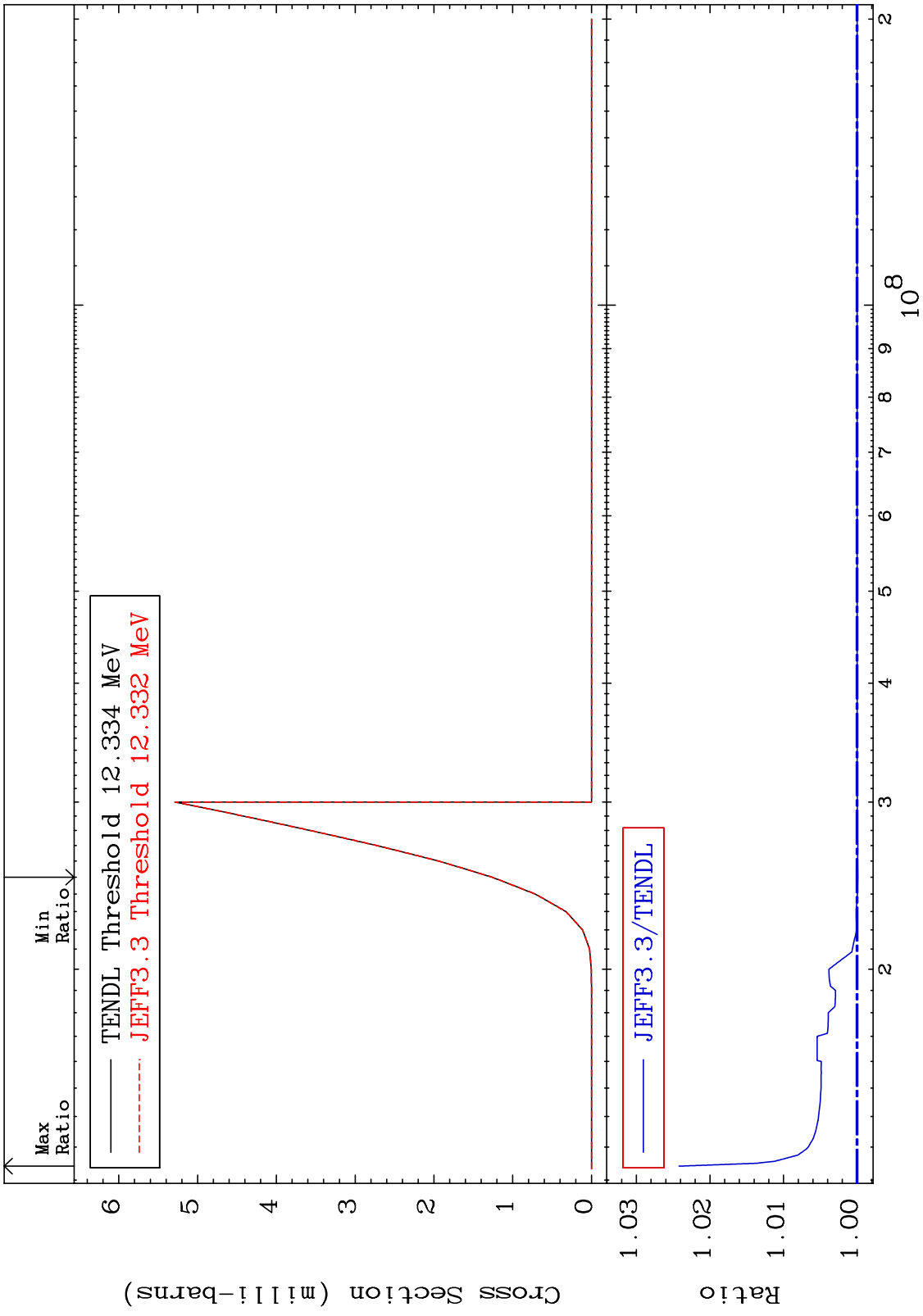


76-0s-188 Incident Energy (eV) 10

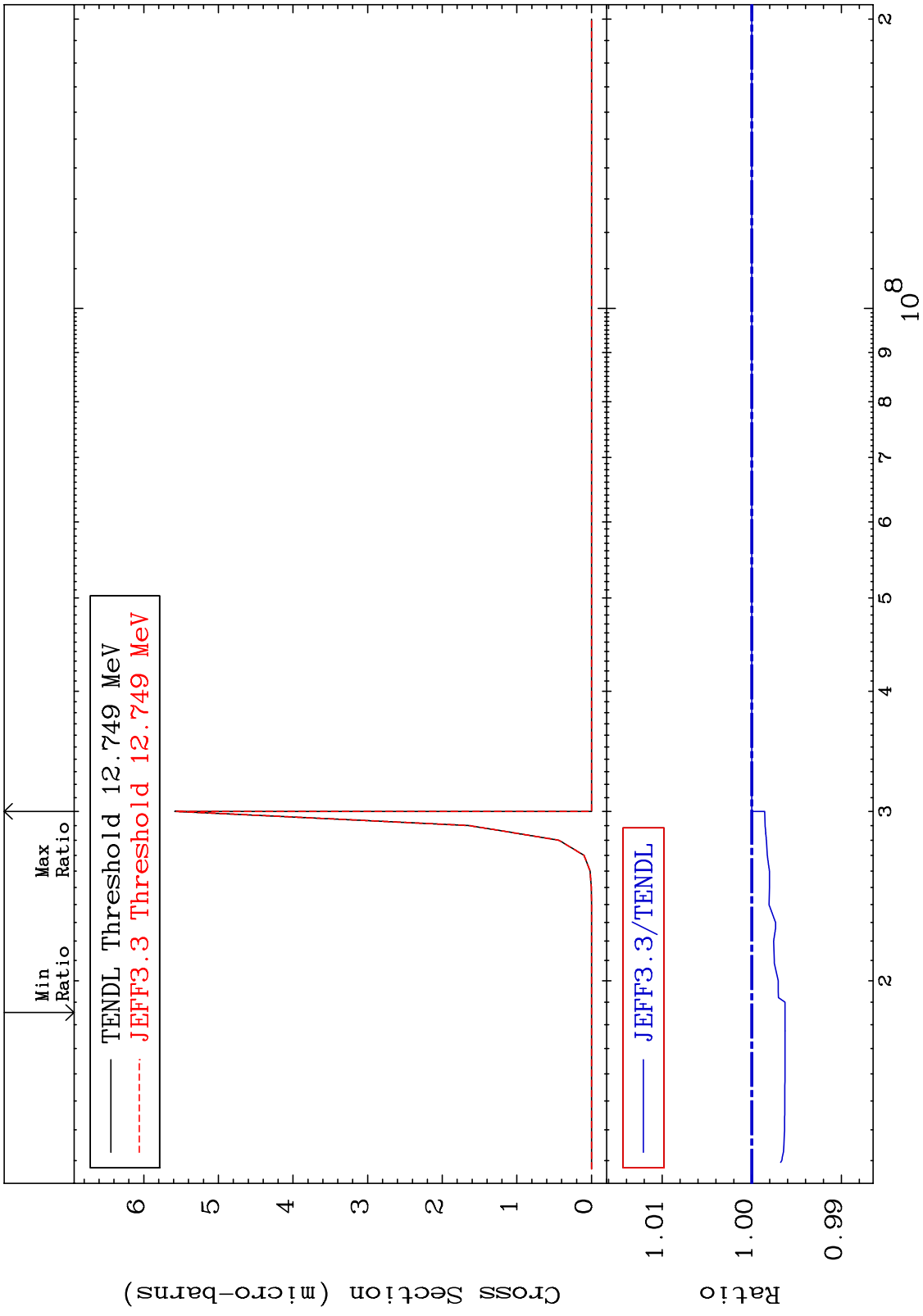
MAT 7637 (n,n') 2α Cross Section 76-Os-188 To 9999. %



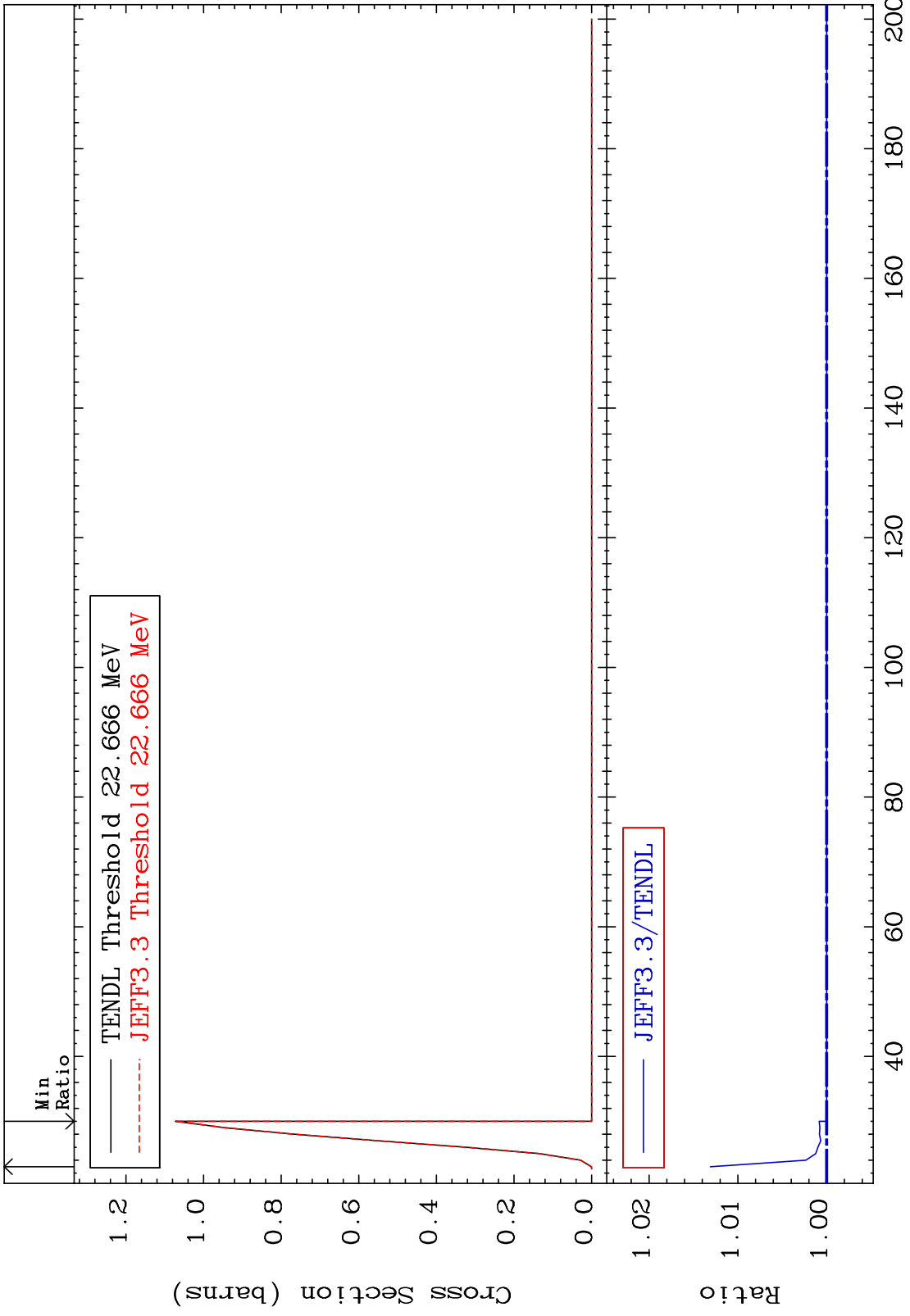
MAT 7637 (n,n') t 76-0s-188
 Cross Section -0.010 To 2.420 %



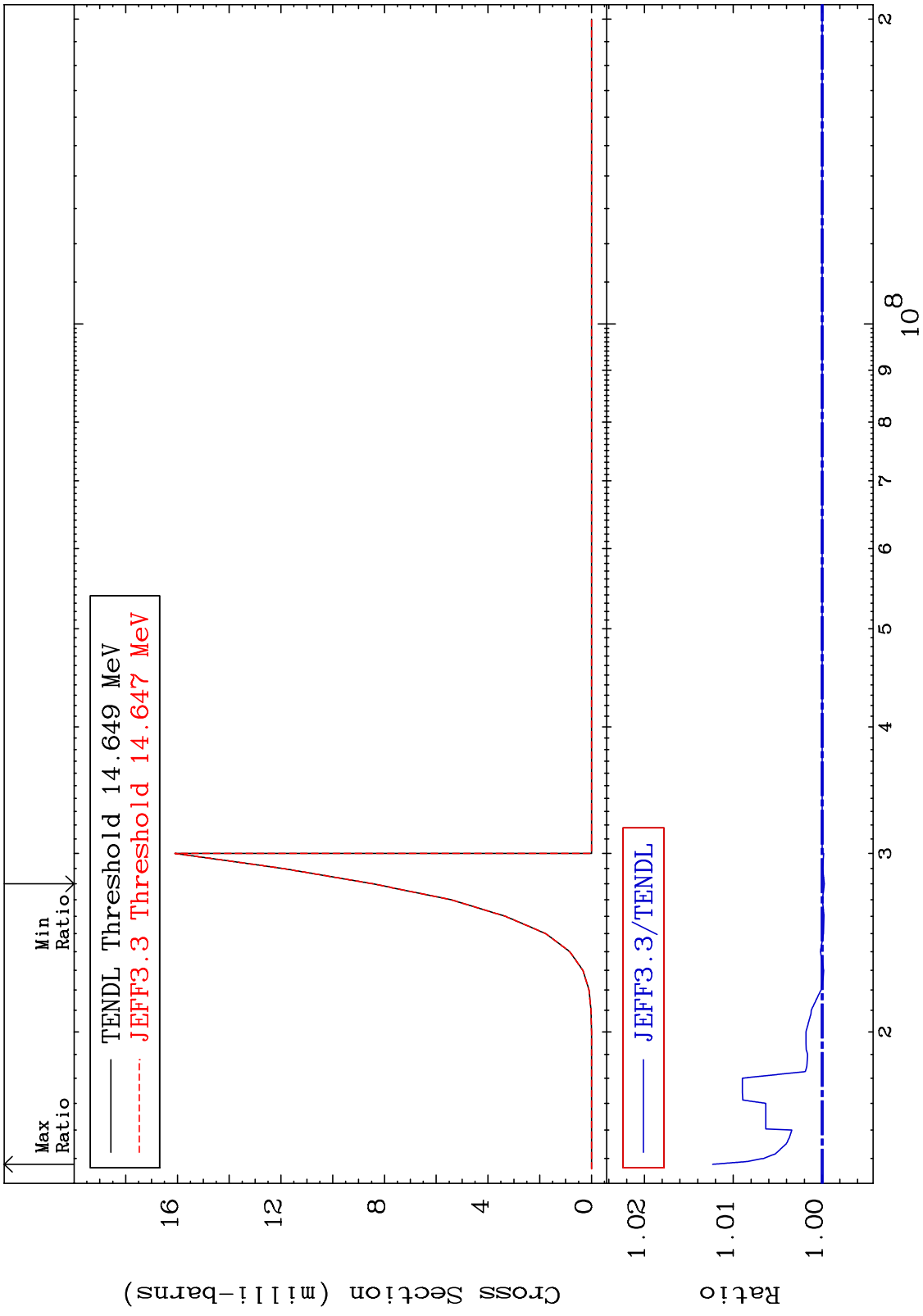
MAT 7637 (n, n') He-3 76-0s-188
 Cross Section -0.372 To 0.000 %



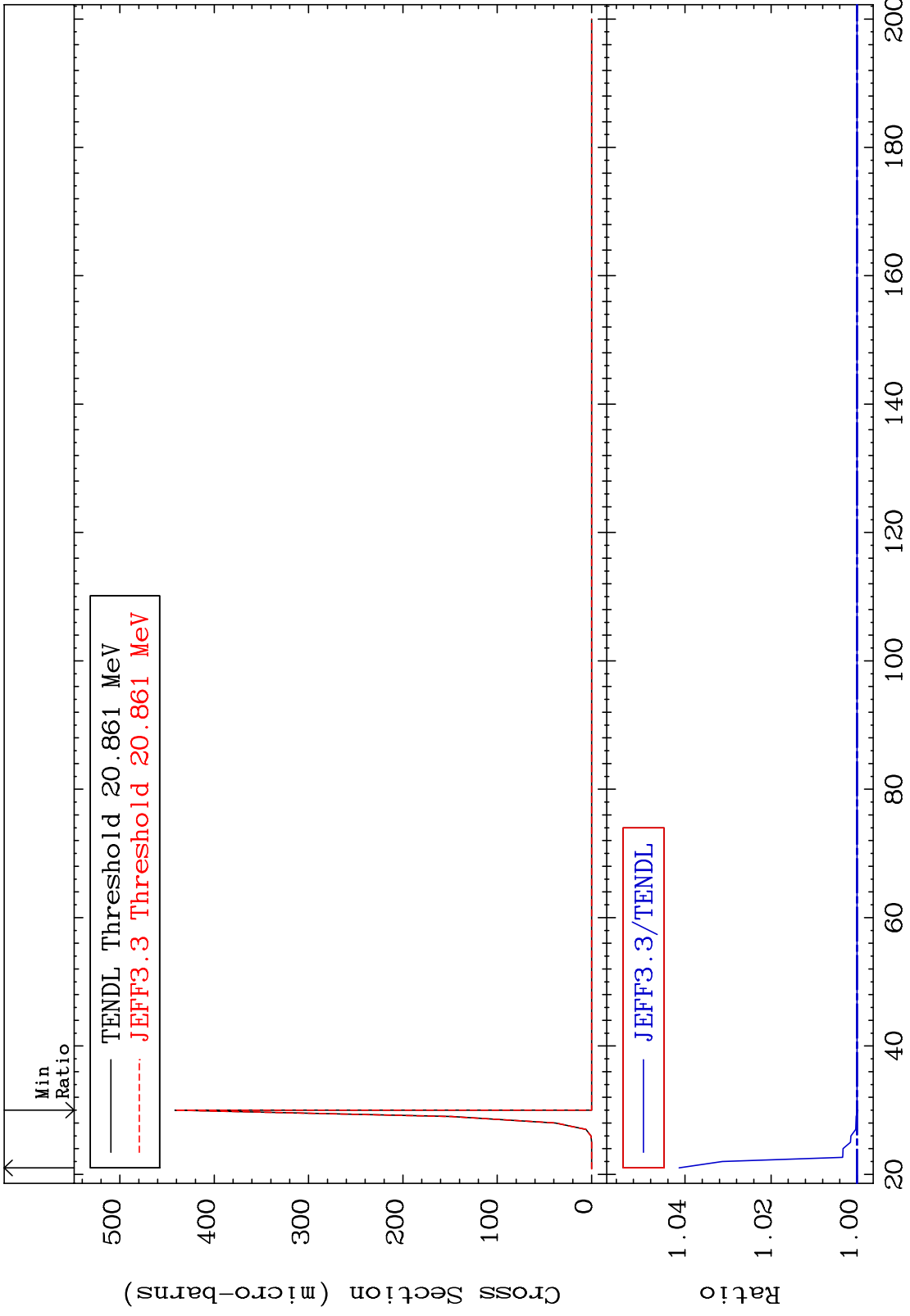
MAT 7637 (n,4n) Cross Section 76-0s-188 To 1.309 %



MAT 7637 (n,2n) p 76-0s-188
 Cross Section -0.024 To 1.233 %

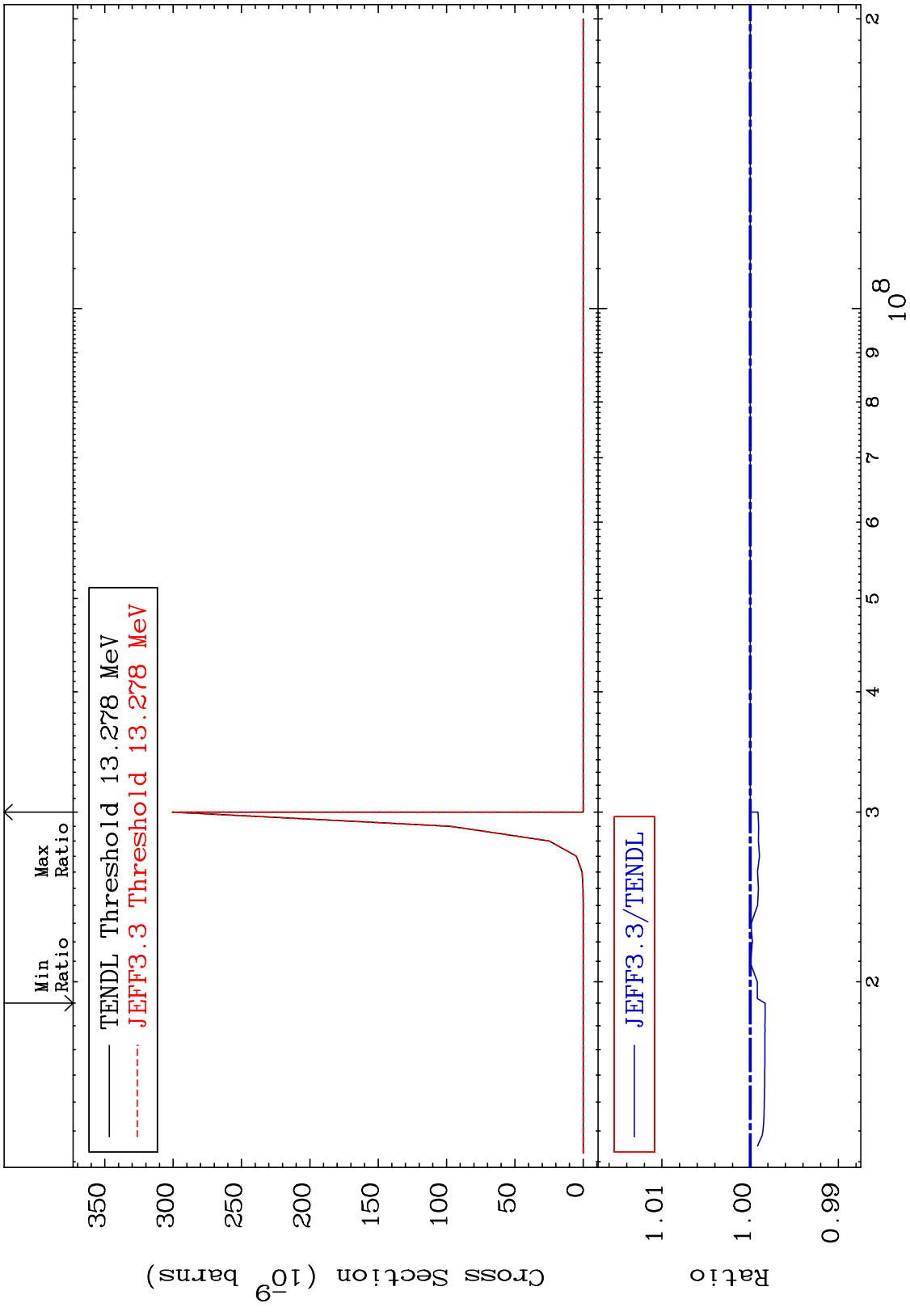


MAT 7637 (n,3n) p 76-Os-188
Cross Section -0.021 To 4.138 %

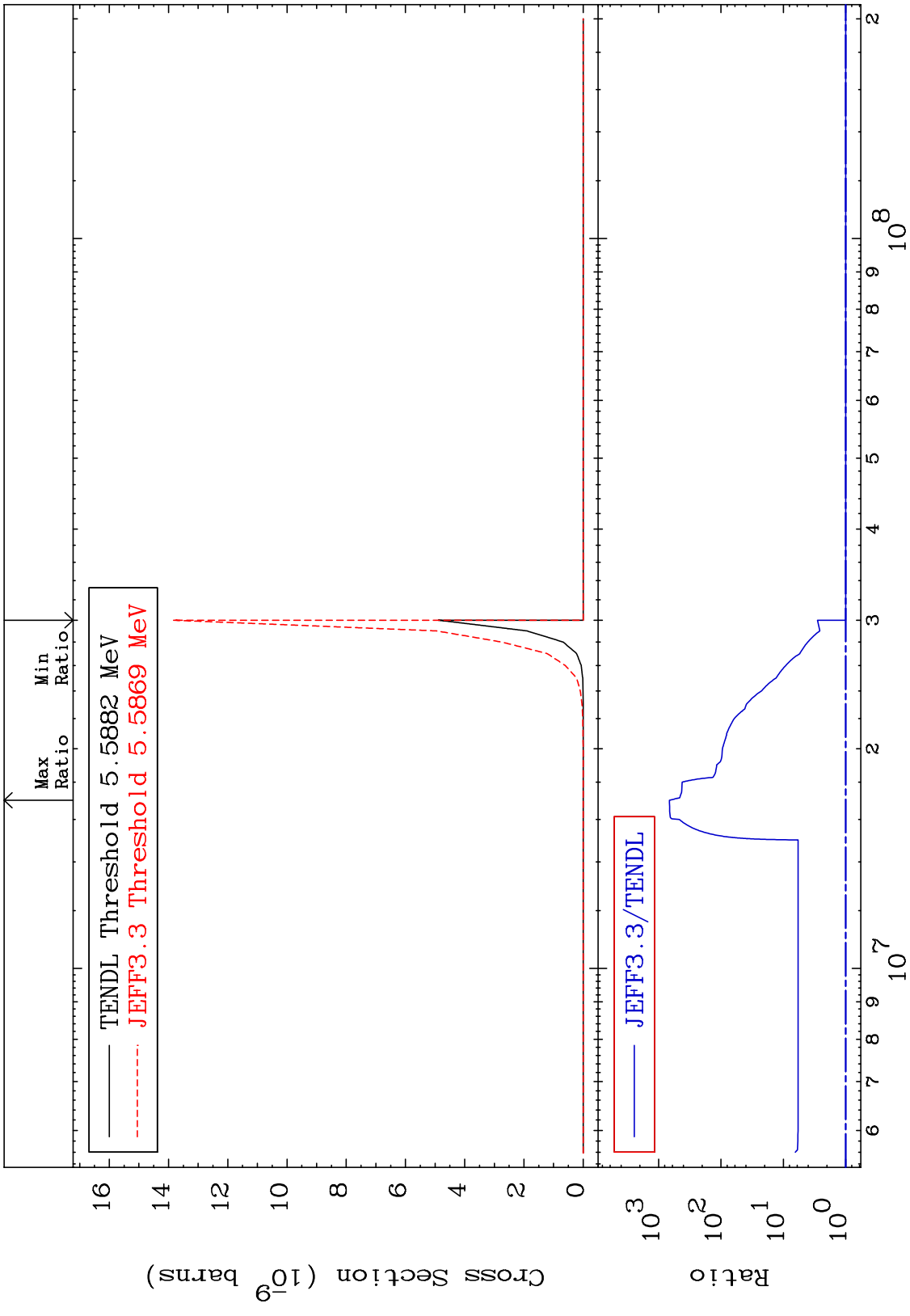


17 76-Os-188

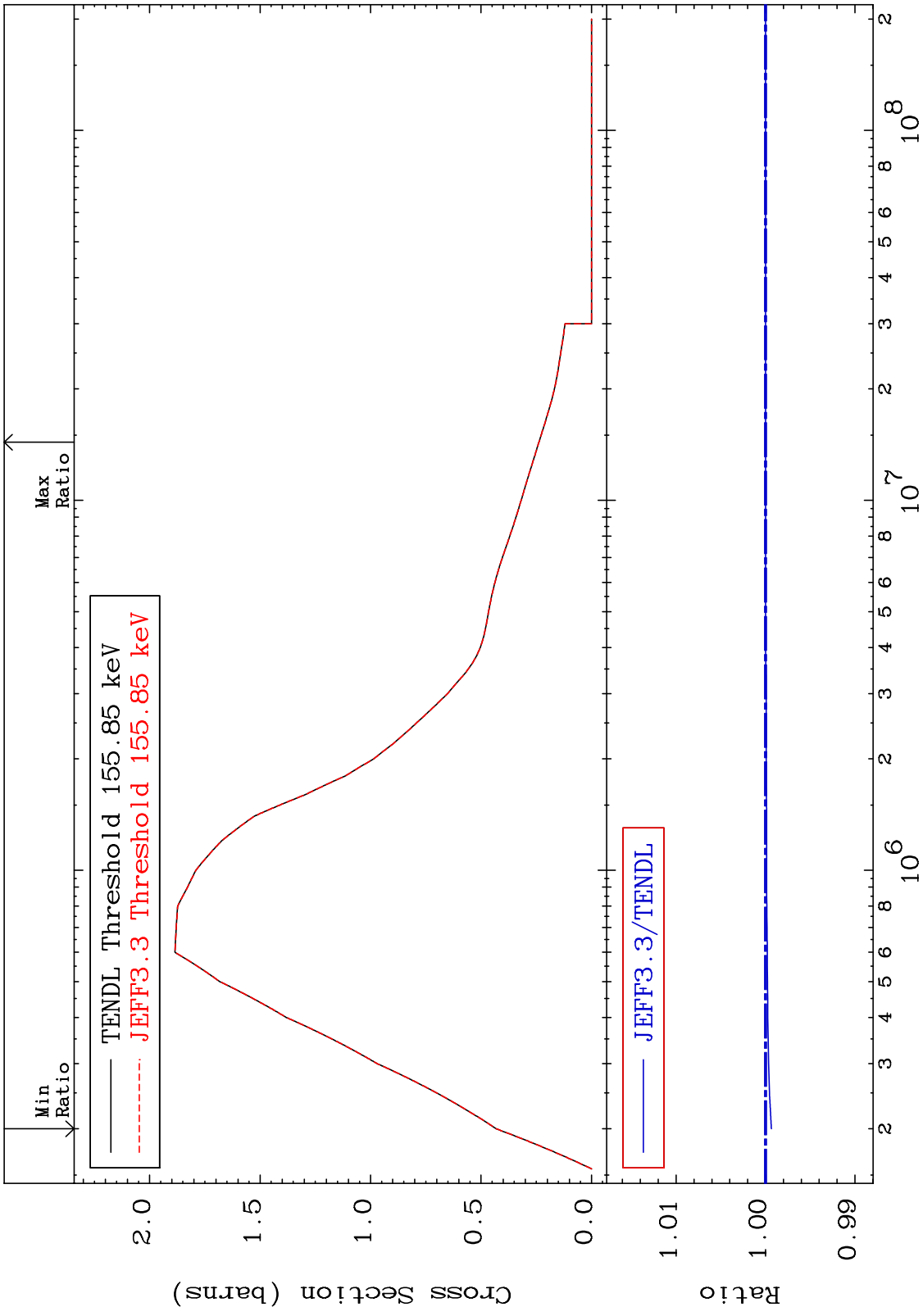
MAT 7637 (n,2n) p 76-0s-188
 Cross Section -0.169 To 0.000 %



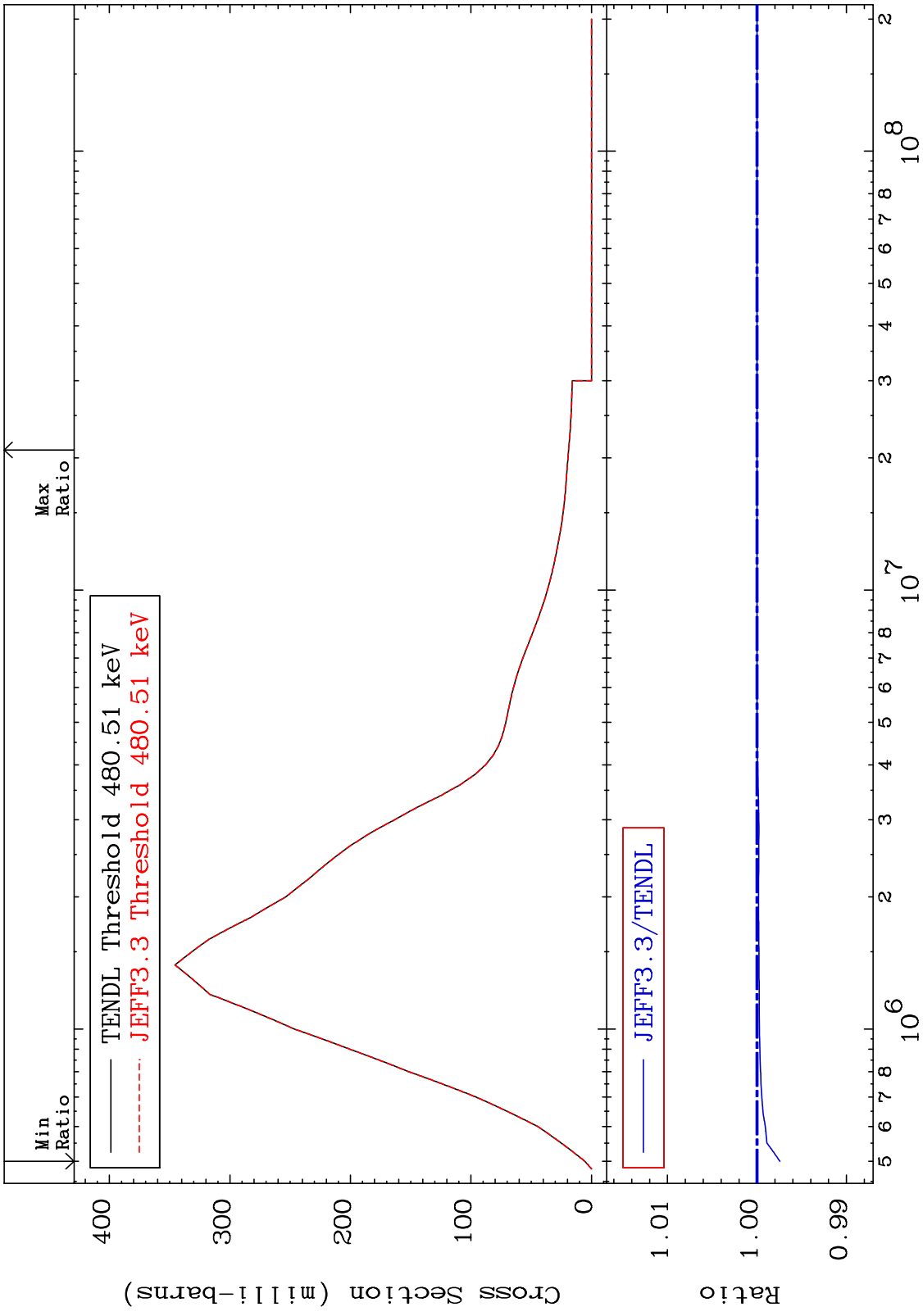
MAT 7637 (n,n') p α Cross Section 76-Os-188 To 9999. %



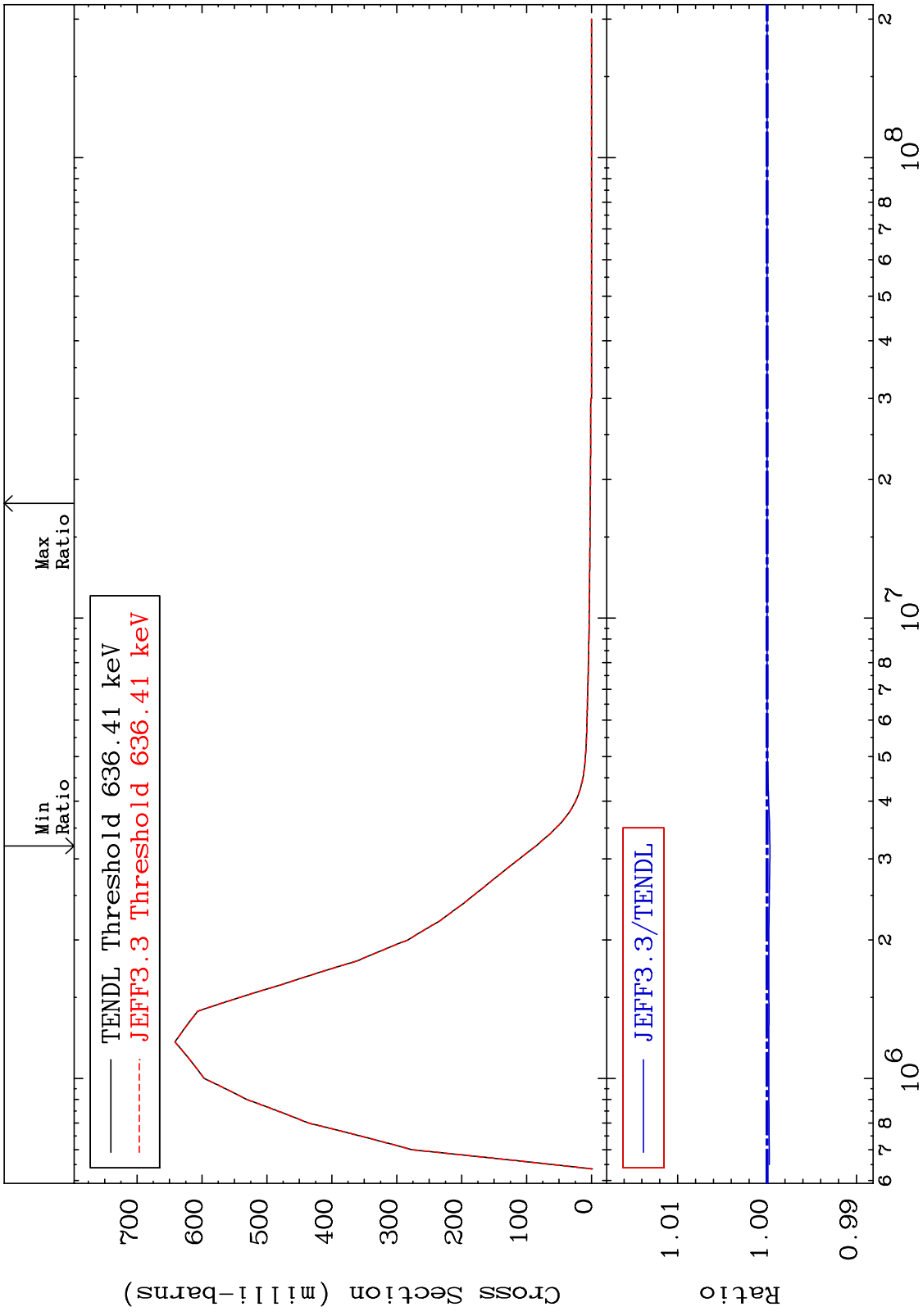
MAT 7637 MT= 51 (n,n') Level Cross Section 76-0s-188
 -0.065 To 0.000 %



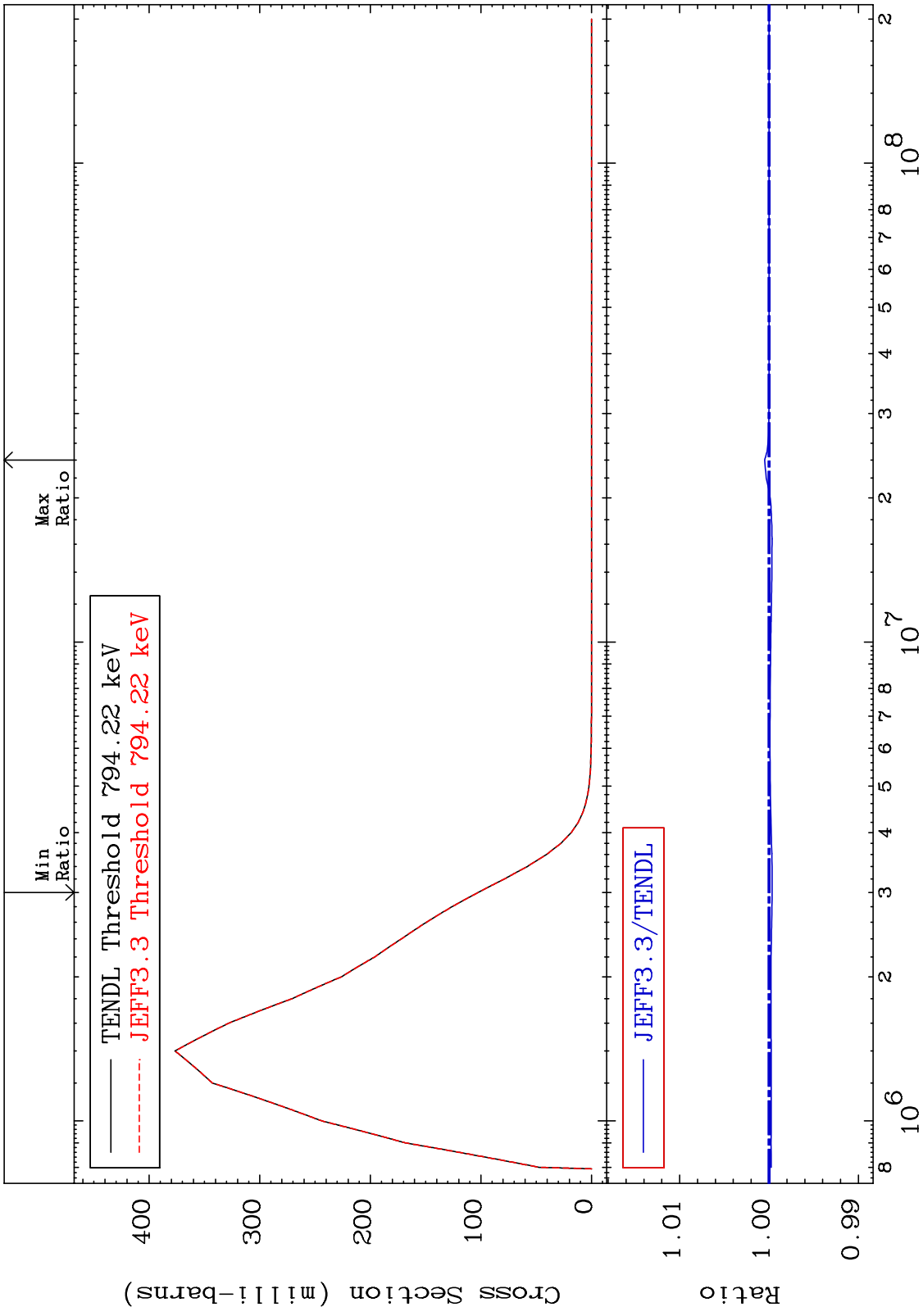
MAT 7637 MT= 52 (n,n') Level Cross Section 76-0s-188
 -0.256 To 0.000 %



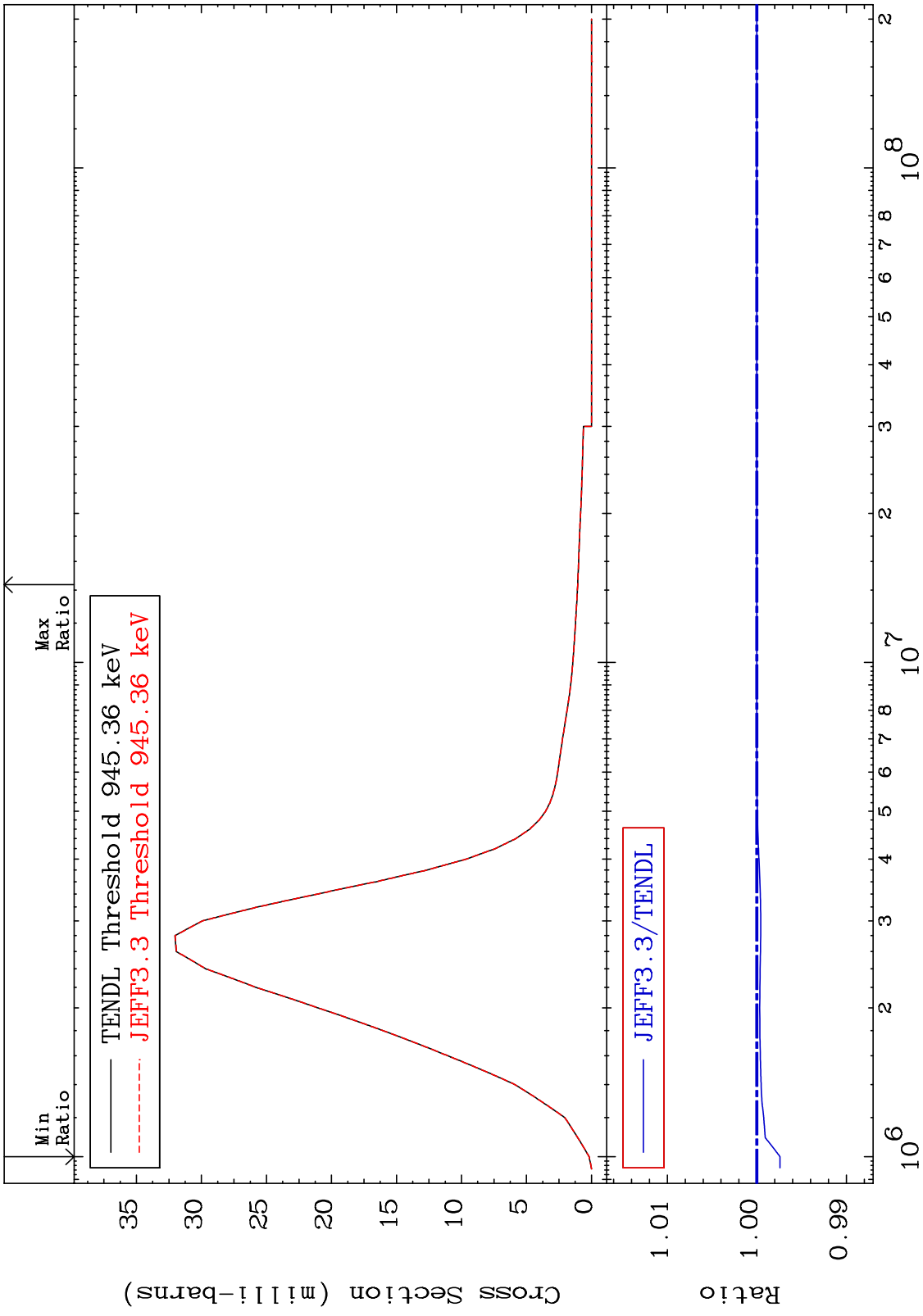
MAT 7637 MT= 53 (n,n') Level Cross Section 76-0s-188
 -0.031 To 0.000 %



MAT 7637 MT= 54 (n,n') Level Cross Section 76-0s-188
-0.035 To 0.049 %

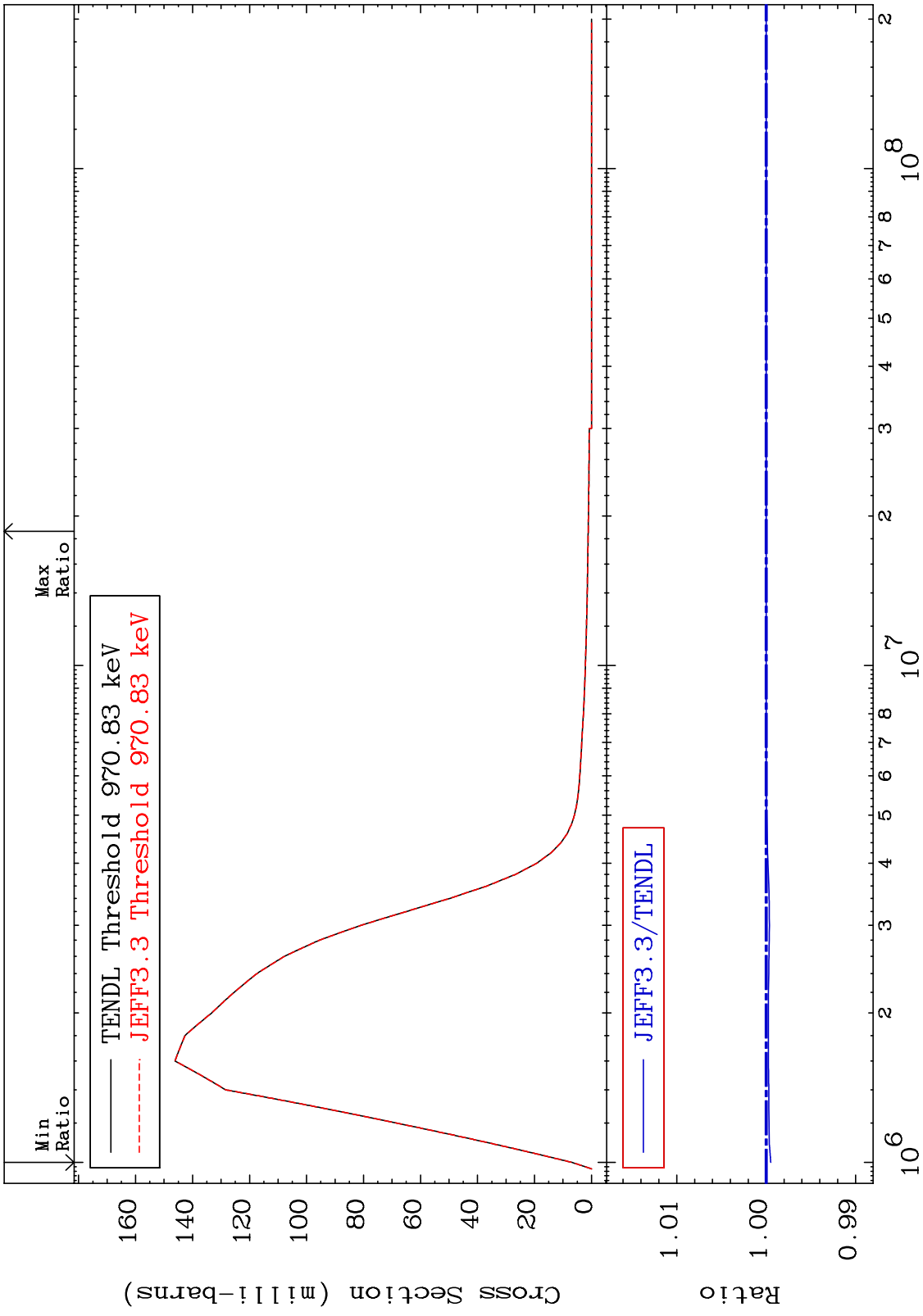


MAT 7637 MT= 55 (n,n') Level Cross Section 76-0s-188
 -0.259 To 0.000 %



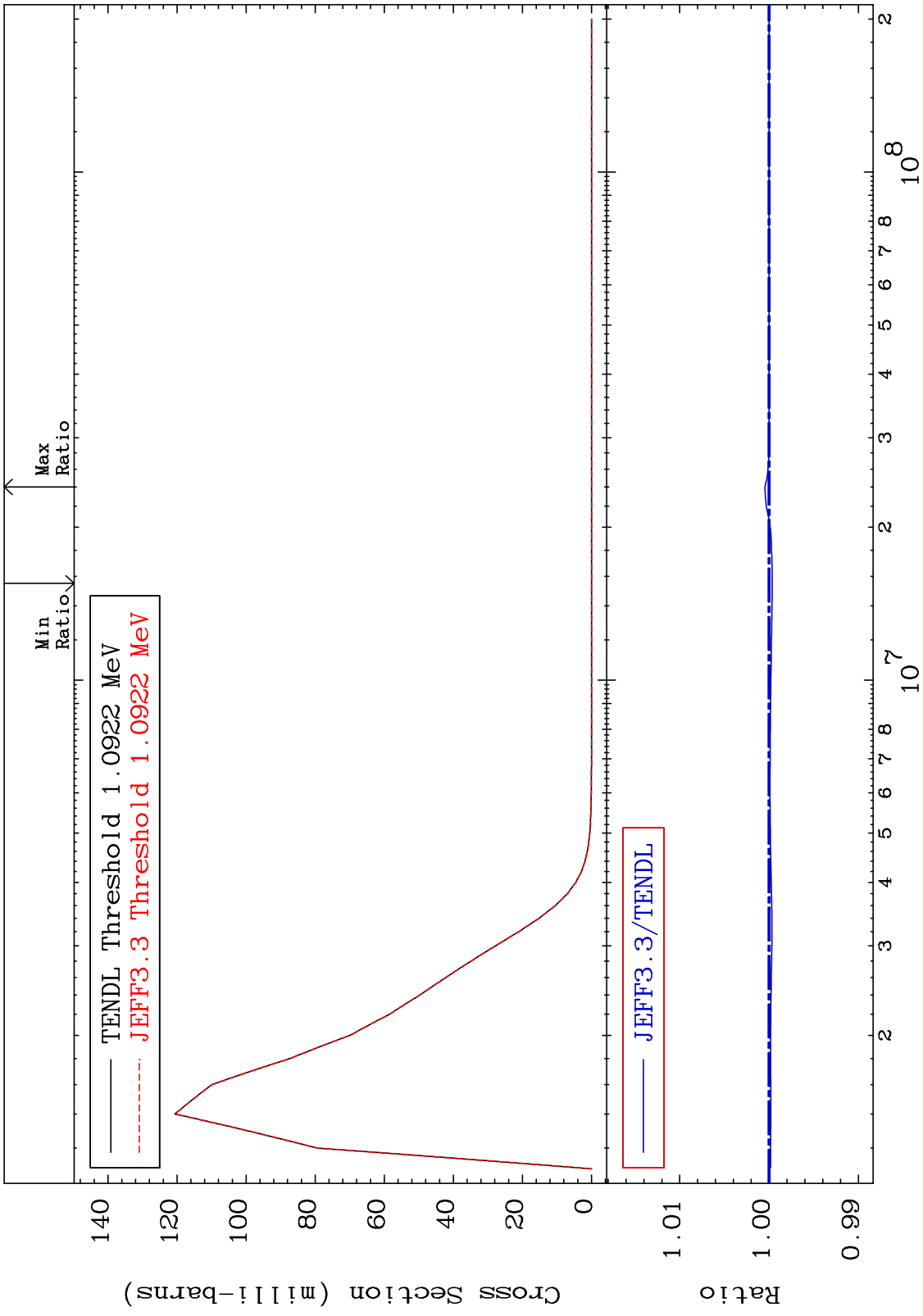
24 Incident Energy (eV) 76-0s-188

MAT 7637 MT= 56 (n,n') Level Cross Section 76-0s-188
 -0.051 To 0.000 %

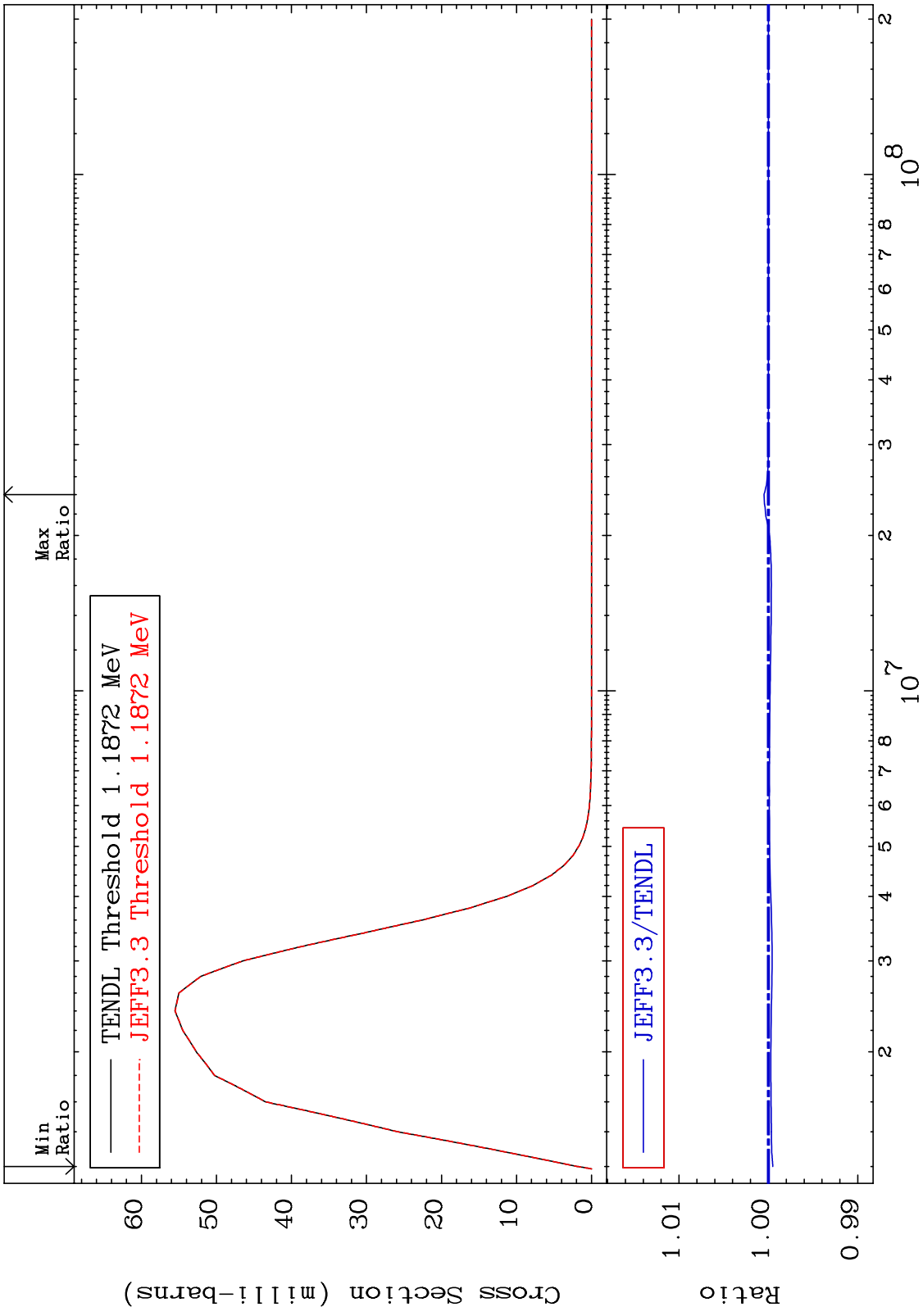


25 Incident Energy (eV) 76-0s-188

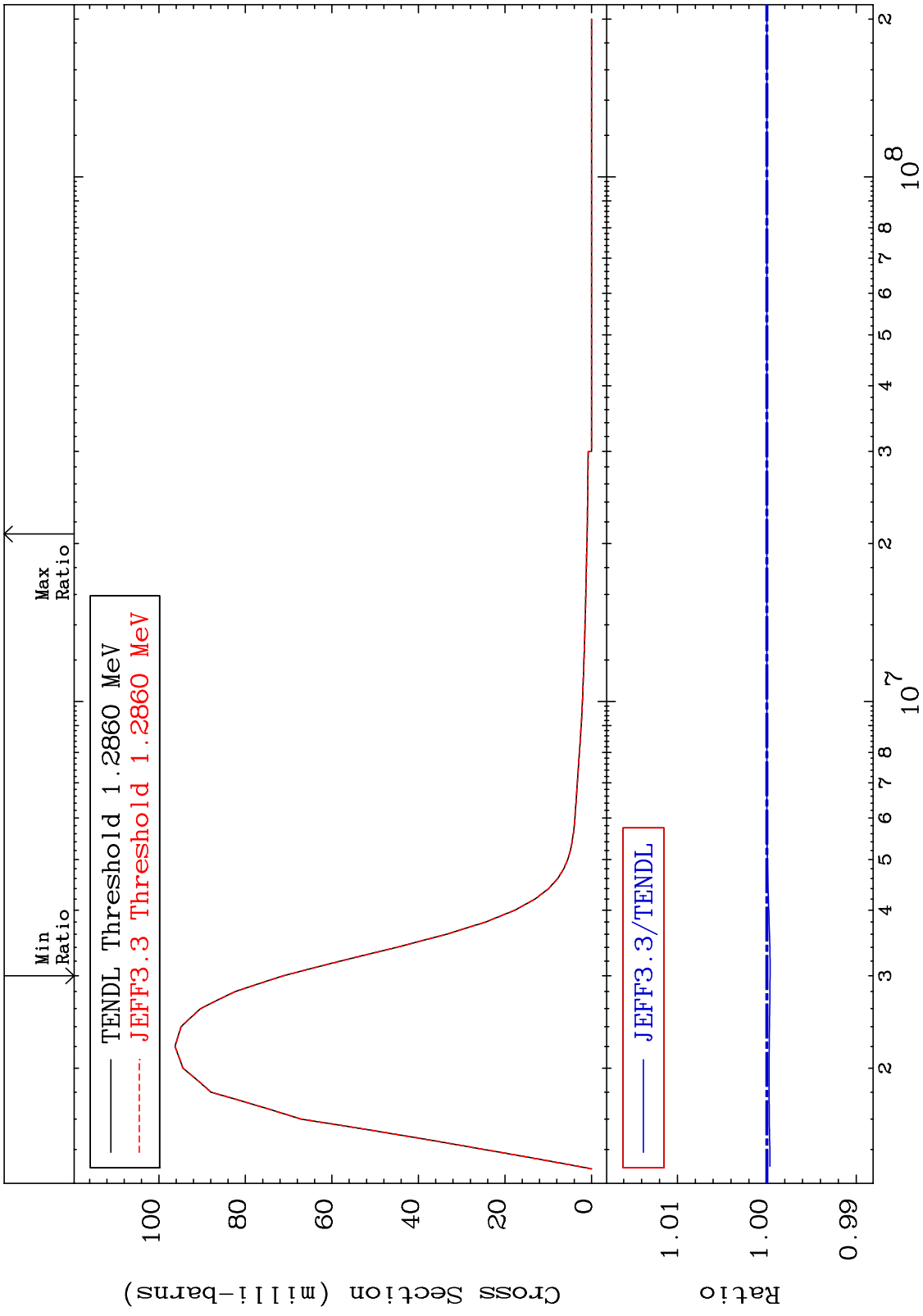
MAT 7637 MT= 57 (n,n') Level Cross Section 76-0s-188
 -0.034 To 0.048 %



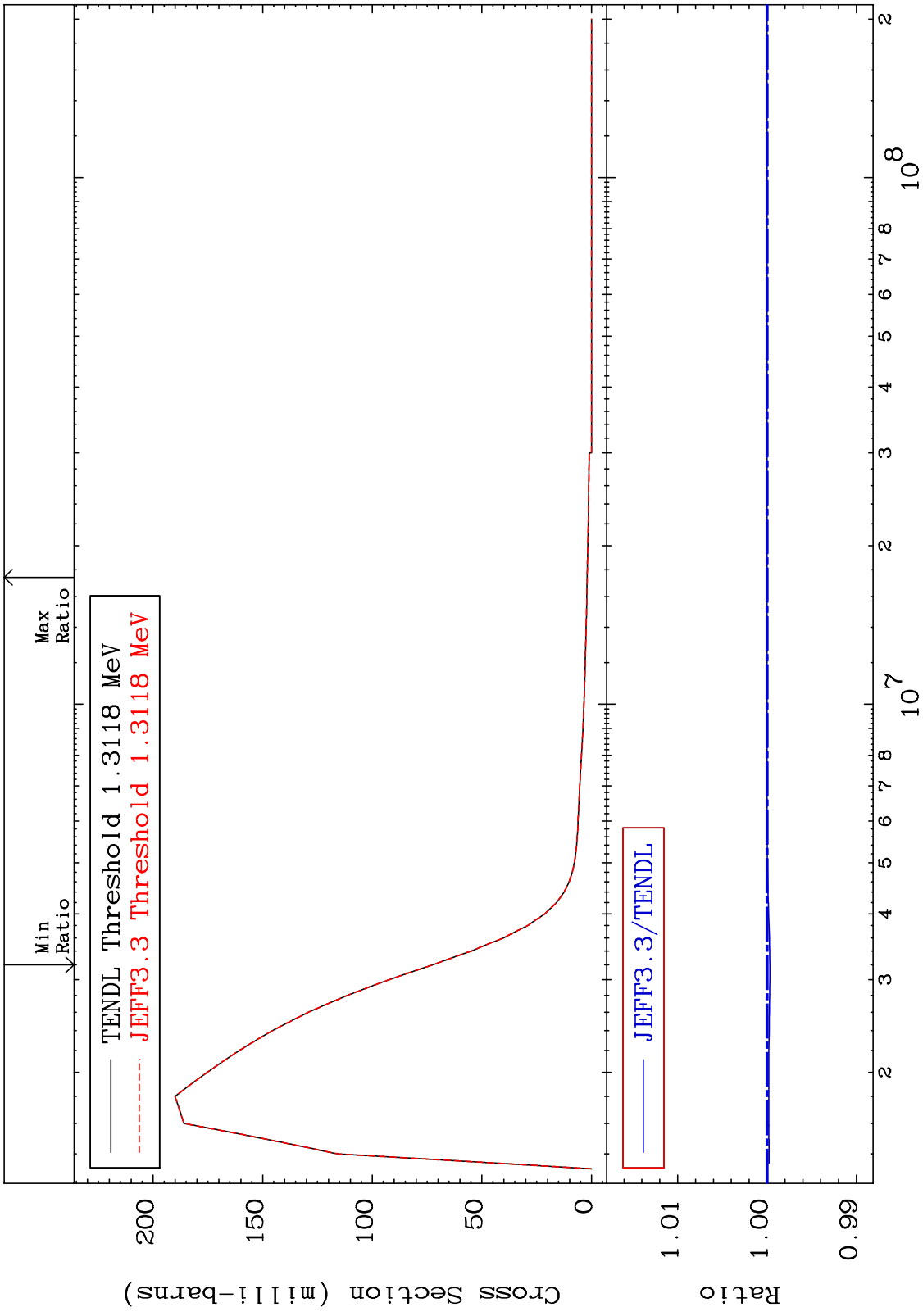
MAT 7637 MT= 58 (n,n') Level Cross Section 76-0s-188
 -0.049 To 0.048 %



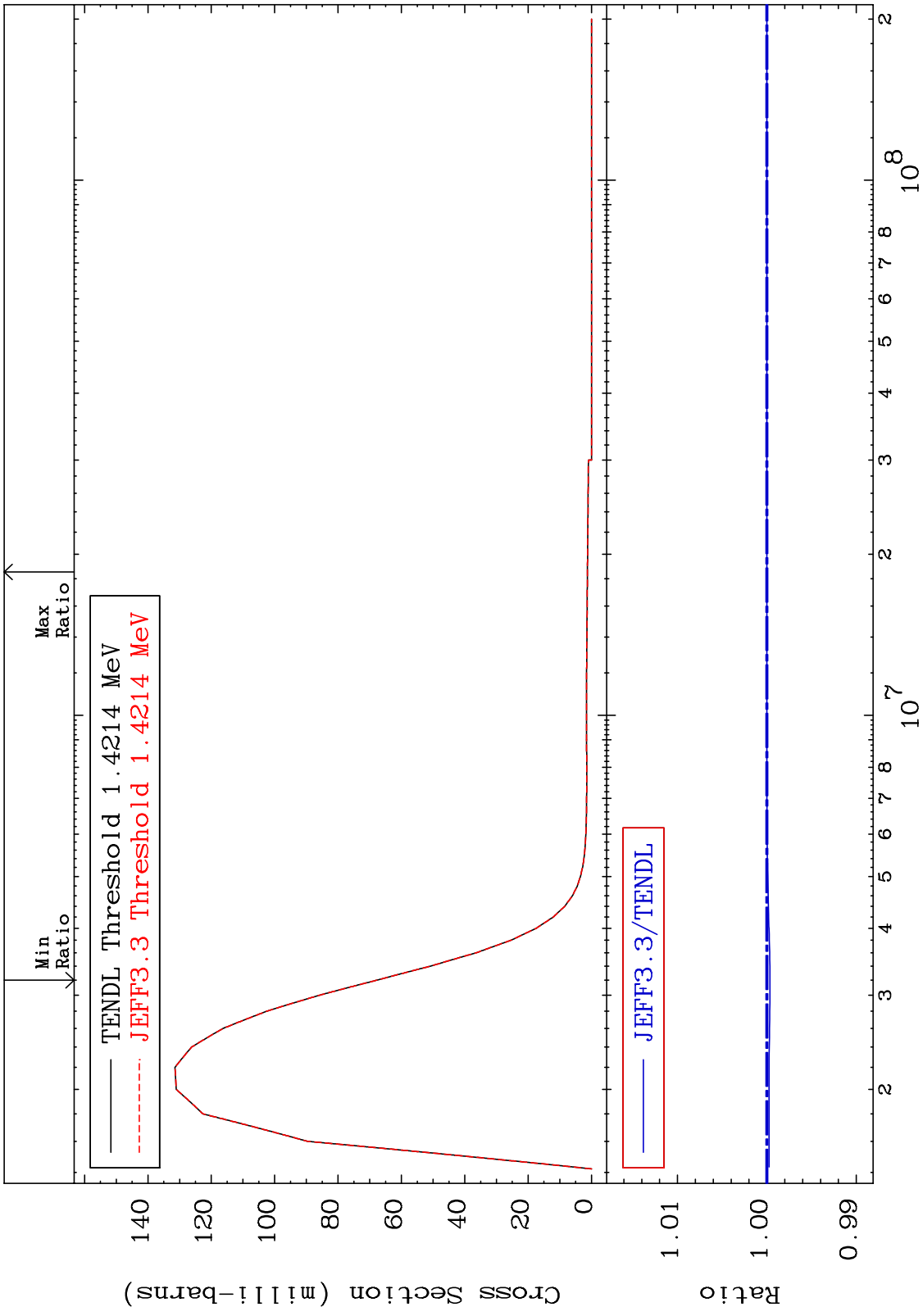
MAT 7637 MT= 59 (n, n') Level Cross Section 76-0s-188
 -0.036 To 0.000 %



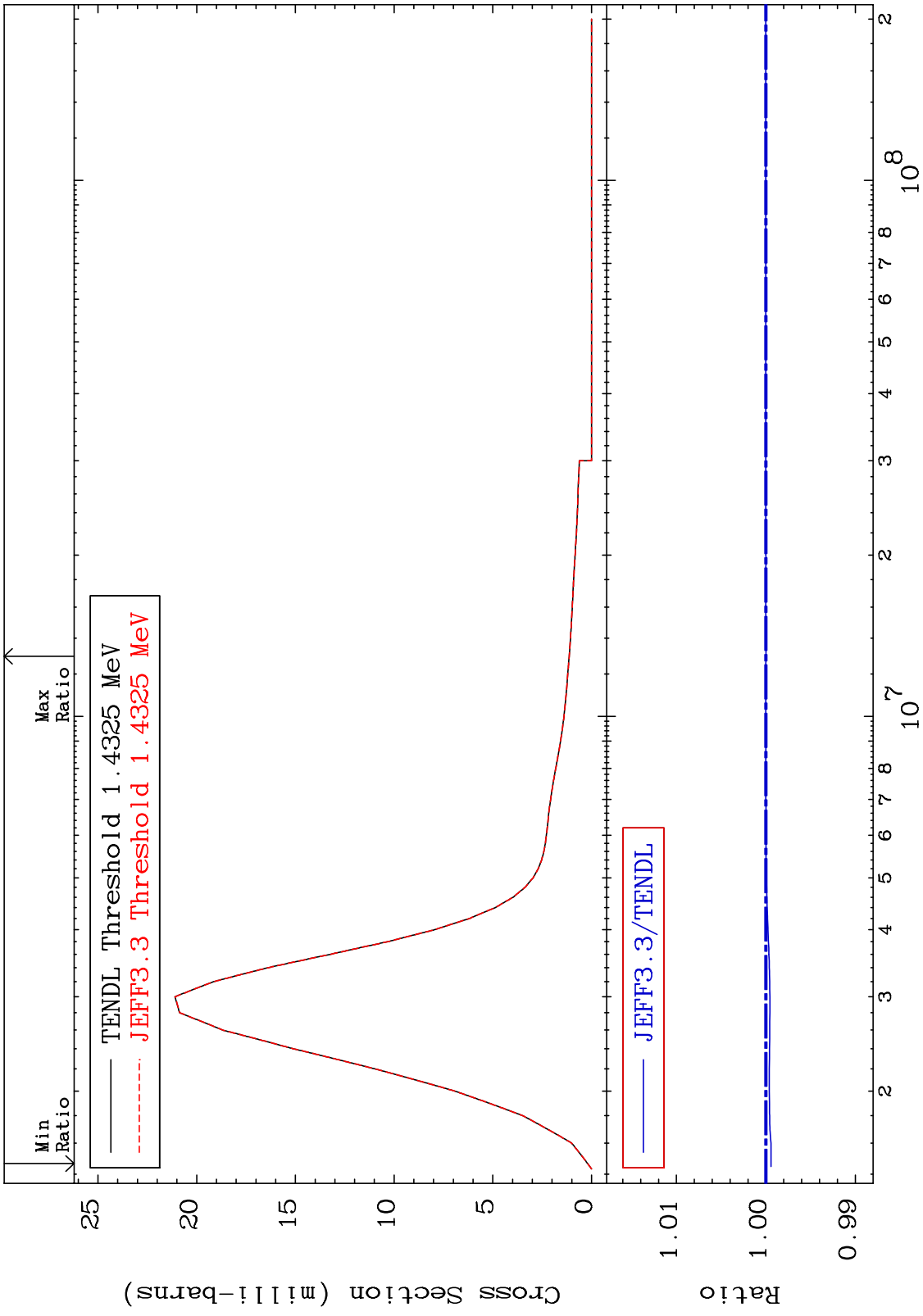
MAT 7637 MT= 60 (n,n') Level Cross Section 76-0s-188
 -0.031 To 0.000 %



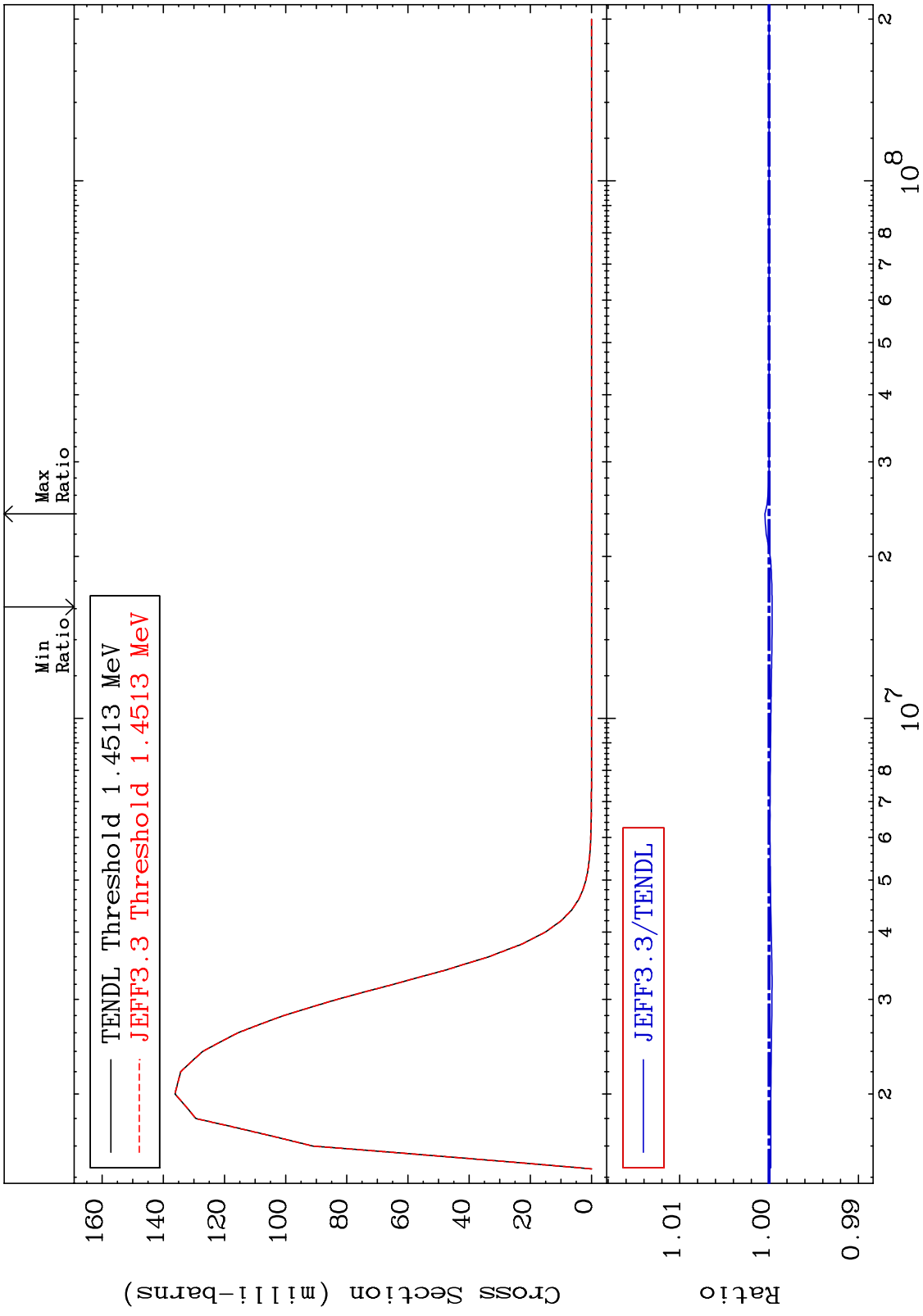
MAT 7637 MT= 61 (n,n') Level Cross Section 76-0s-188
 -0.034 To 0.000 %



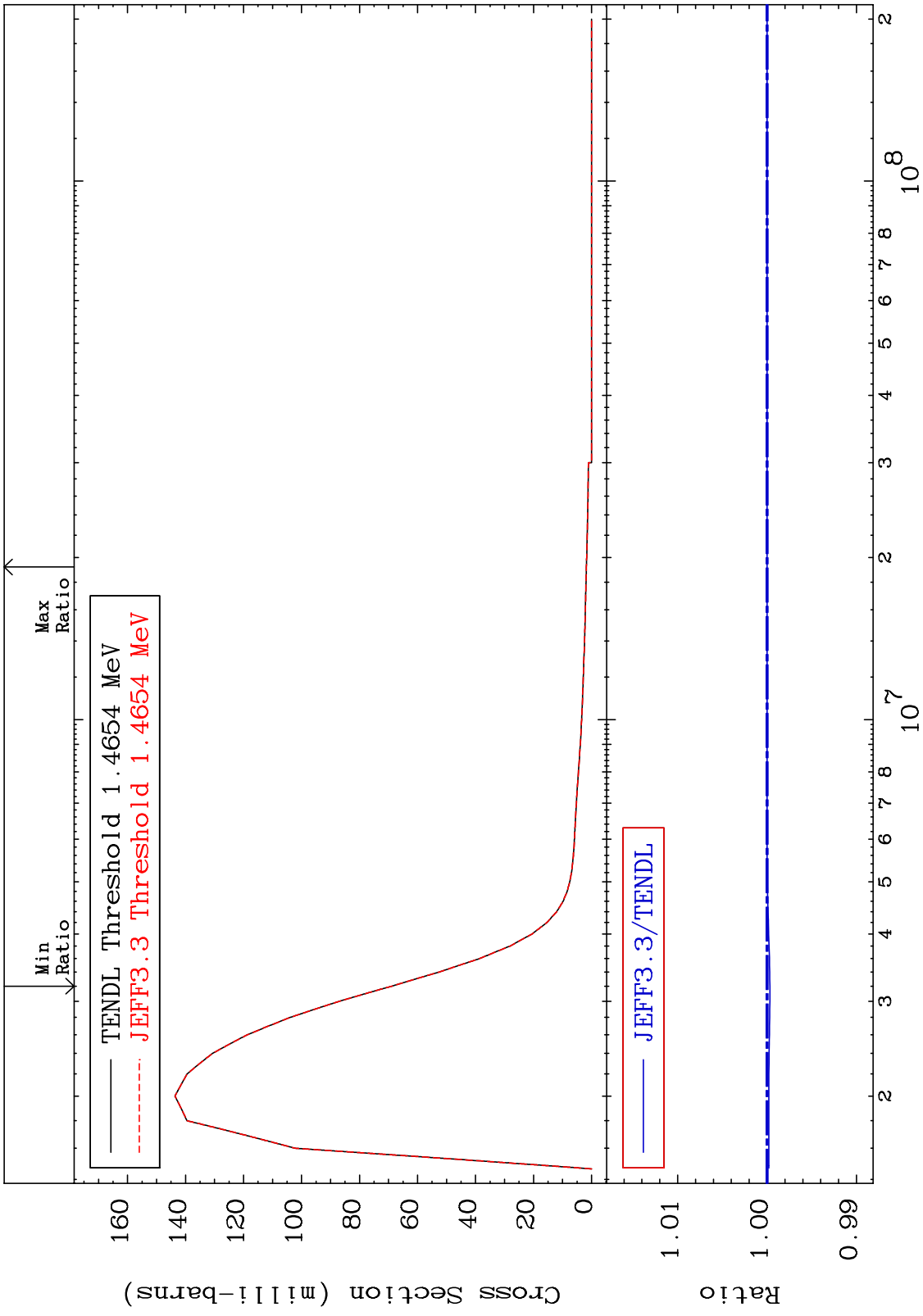
MAT 7637 MT= 62 (n,n') Level Cross Section 76-0s-188
 -0.058 To 0.000 %



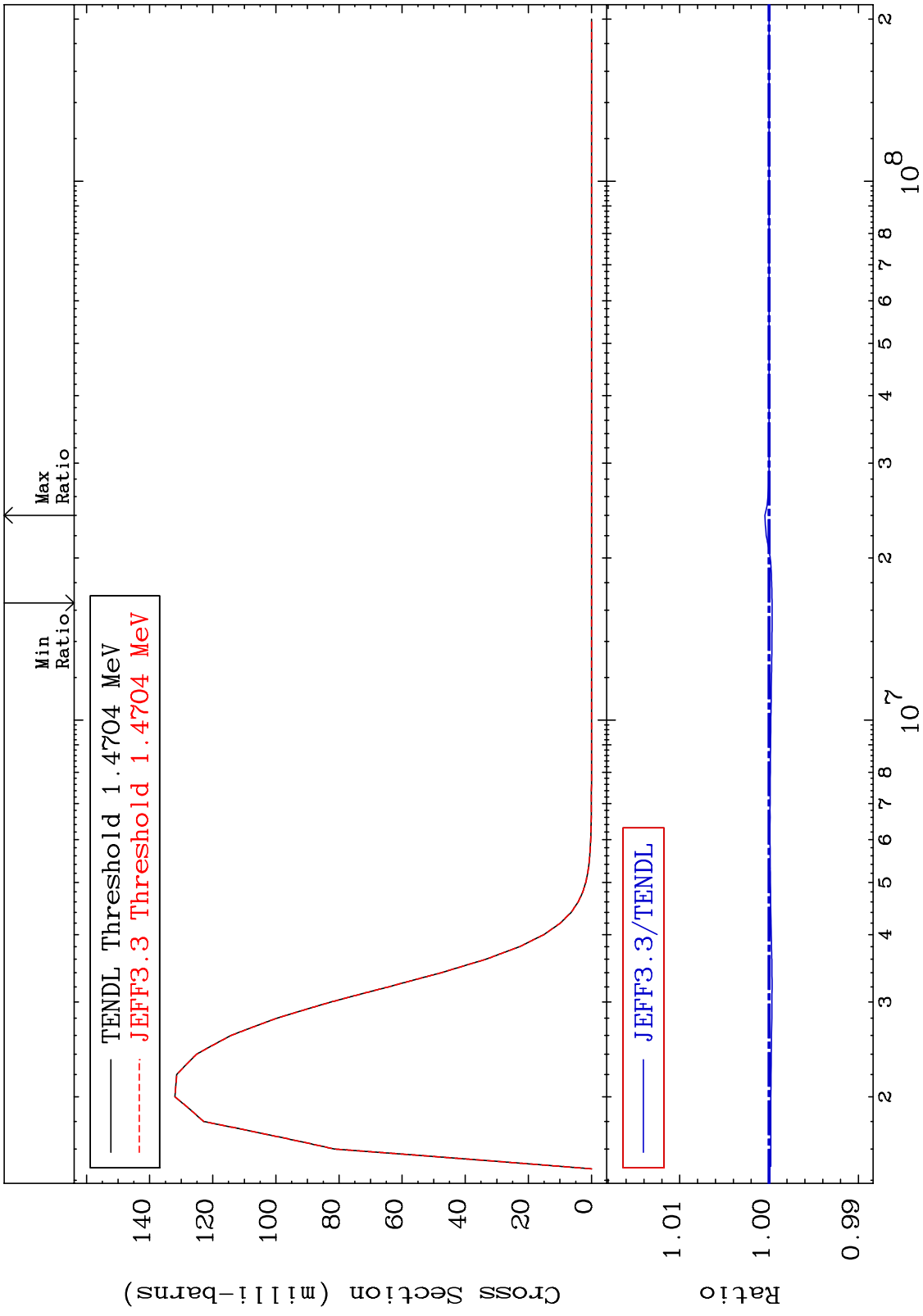
MAT 7637 MT= 63 (n,n') Level Cross Section 76-0s-188
 -0.034 To 0.048 %



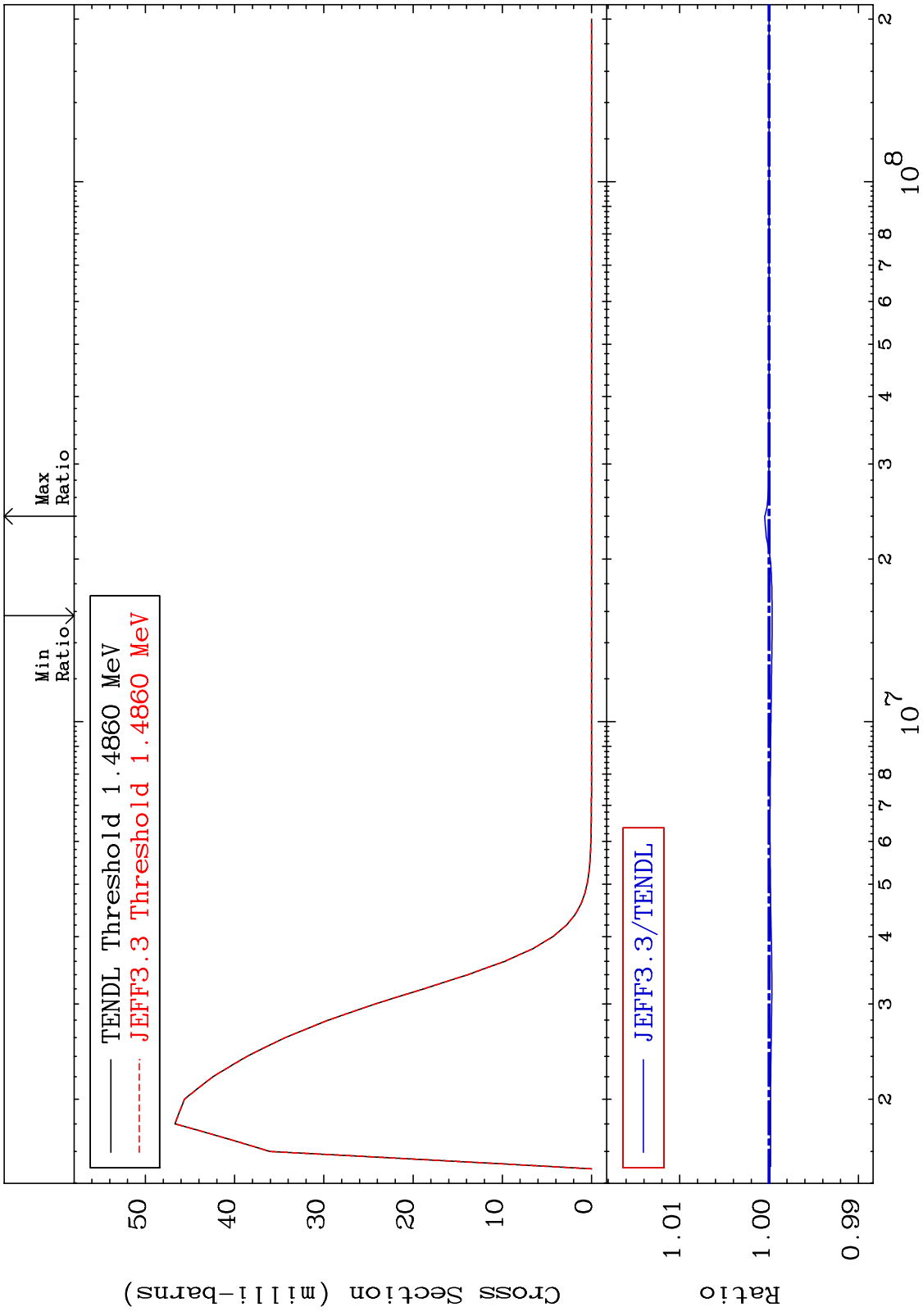
MAT 7637 MT= 64 (n,n') Level Cross Section 76-0s-188
 -0.031 To 0.000 %



MAT 7637 MT= 65 (n,n') Level Cross Section 76-0s-188
 -0.034 To 0.048 %



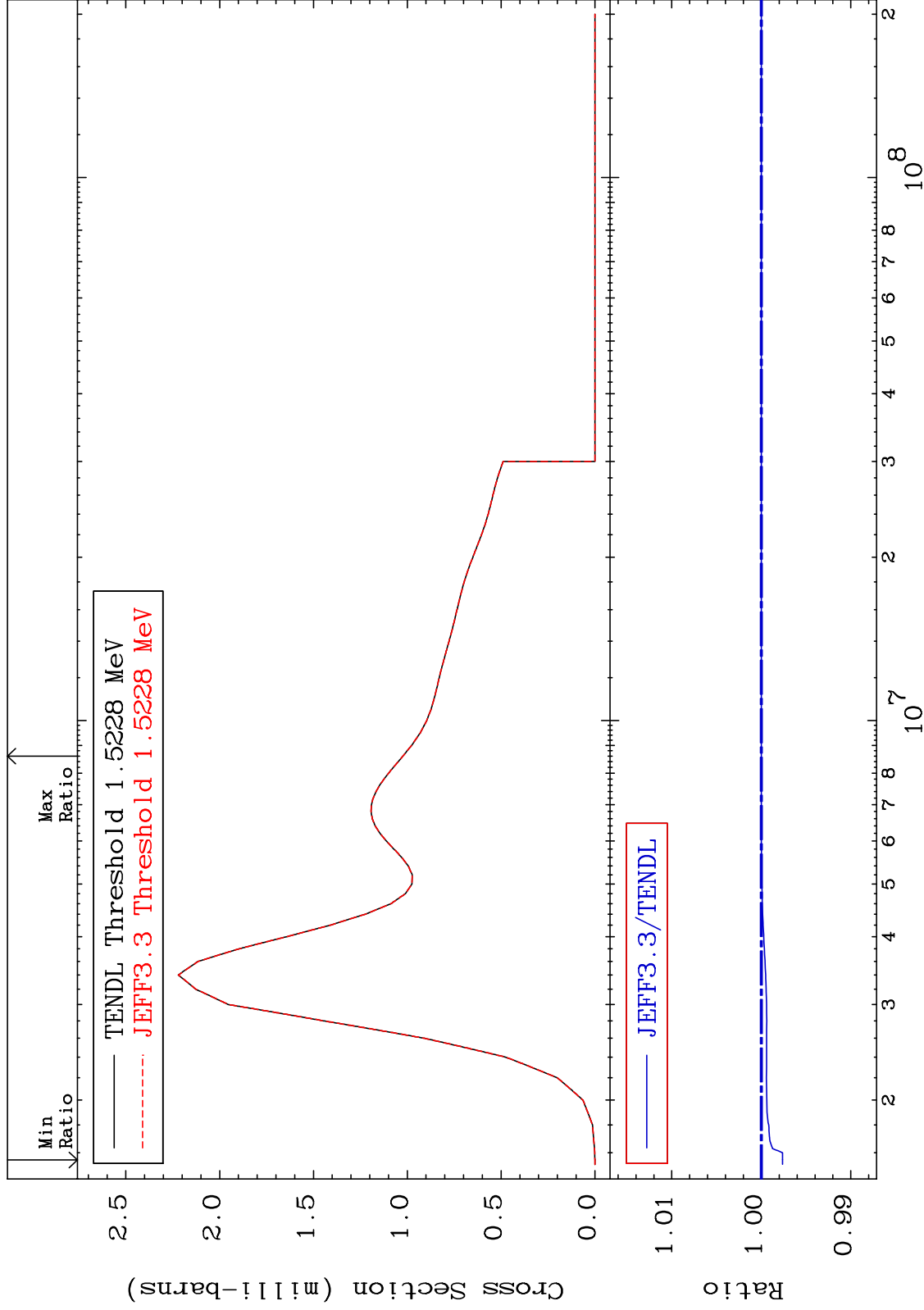
MAT 7637 MT= 66 (n,n') Level Cross Section 76-0s-188
 -0.033 To 0.049 %



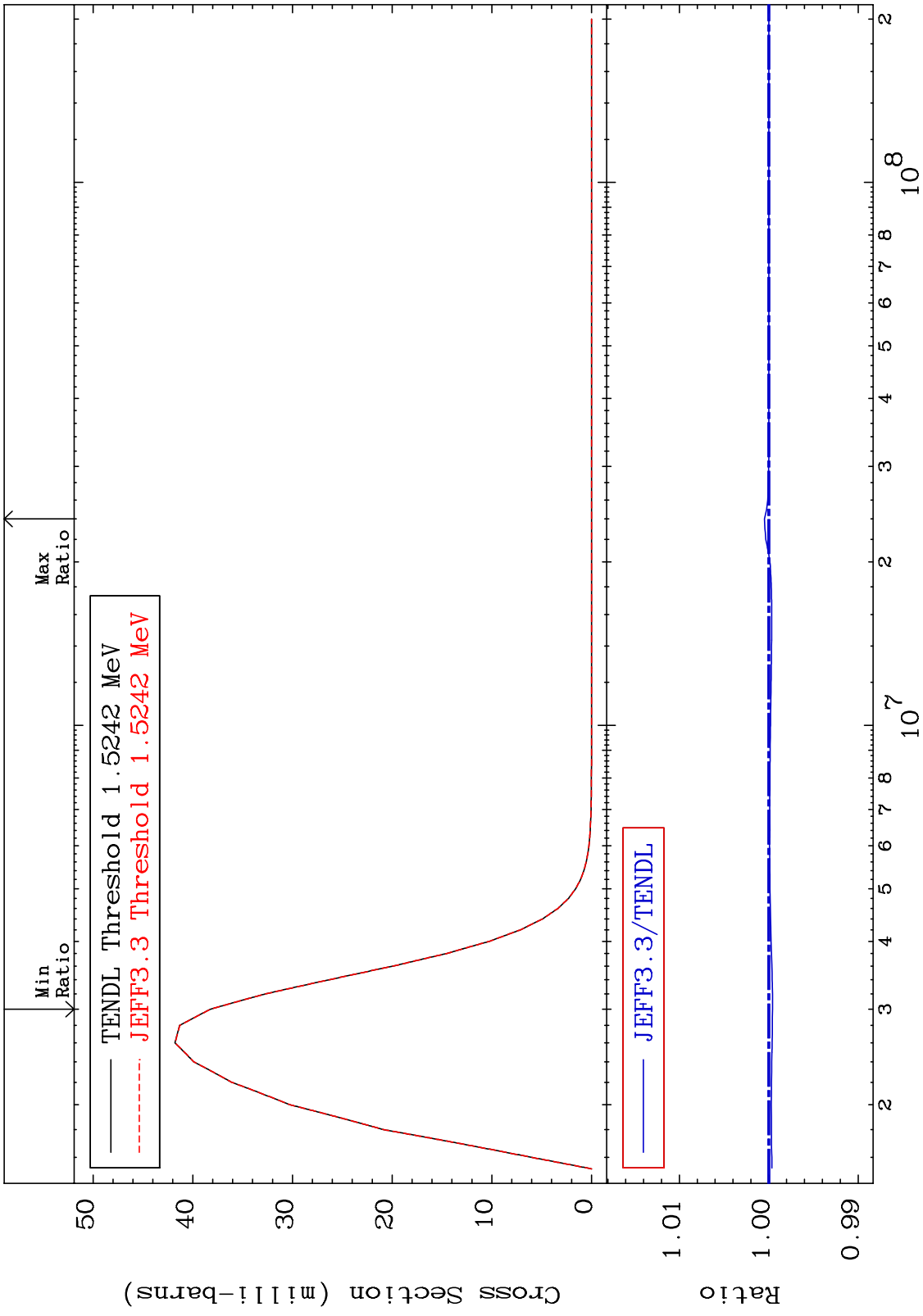
MAT 7637

MT= 67 (n,n') Level
Cross Section

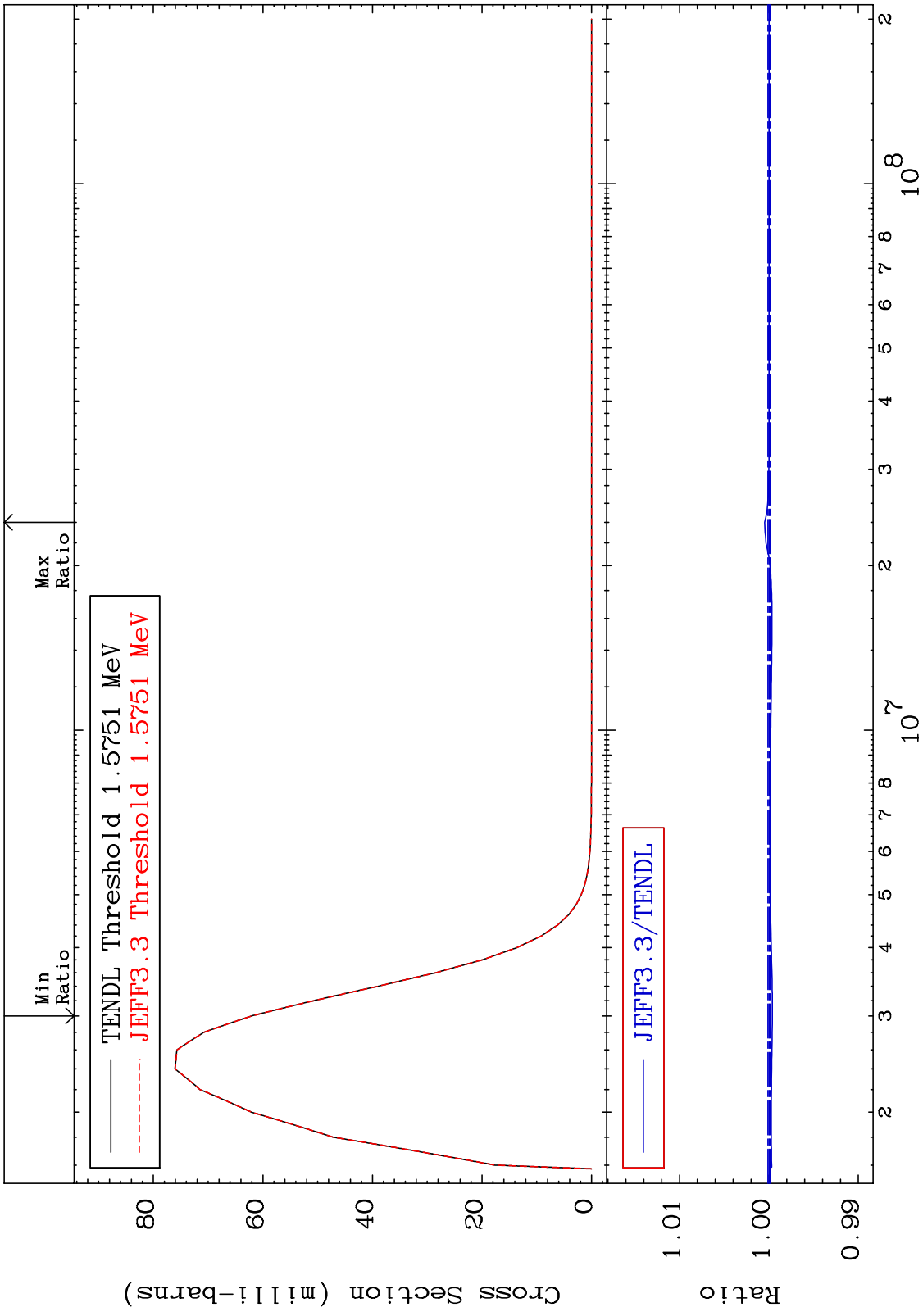
76-0s-188
-0.236 To 0.000 %



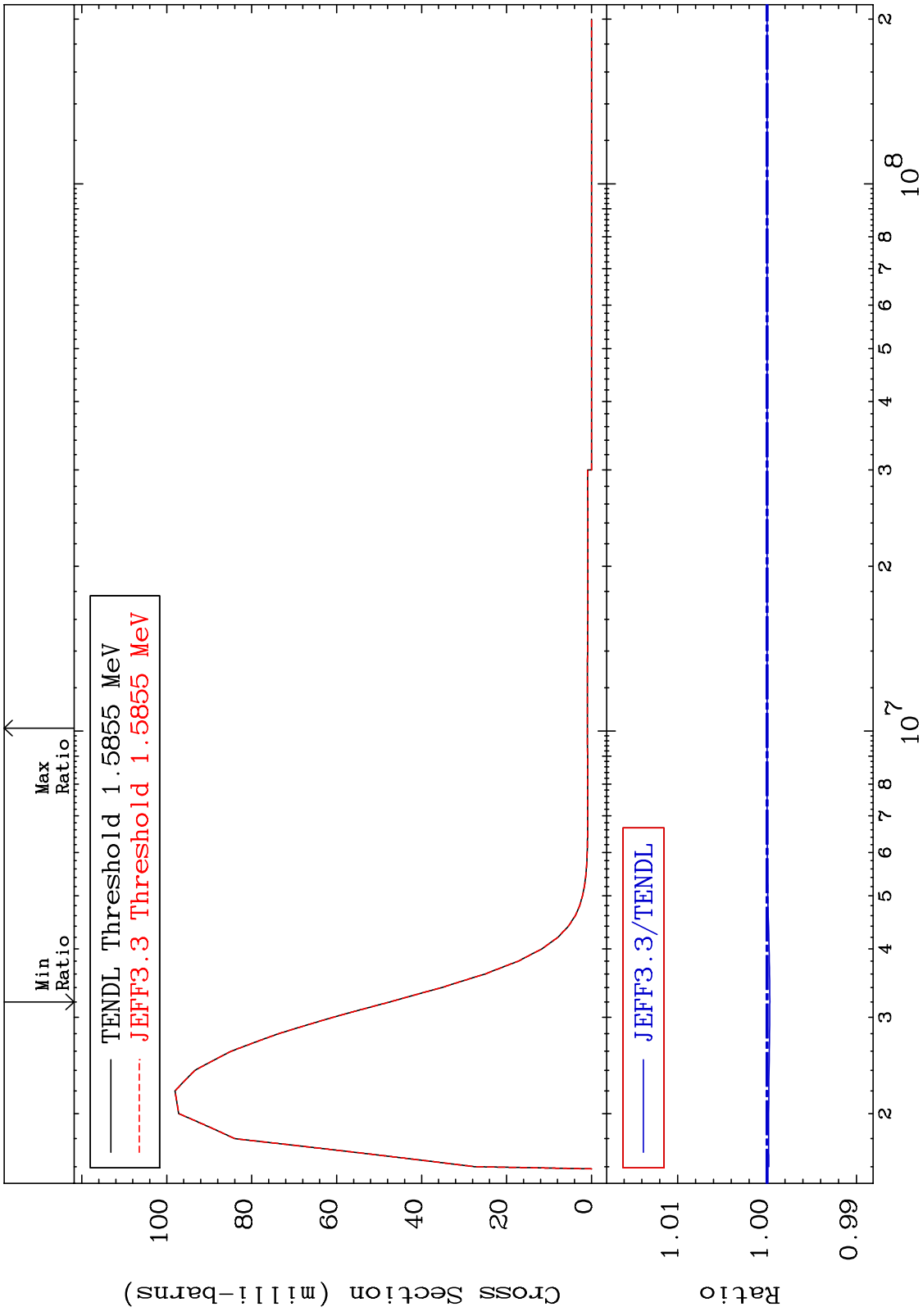
MAT 7637 MT= 68 (n,n') Level Cross Section 76-0s-188
-0.042 To 0.049 %



MAT 7637 MT= 69 (n,n') Level Cross Section 76-0s-188
 -0.038 To 0.049 %



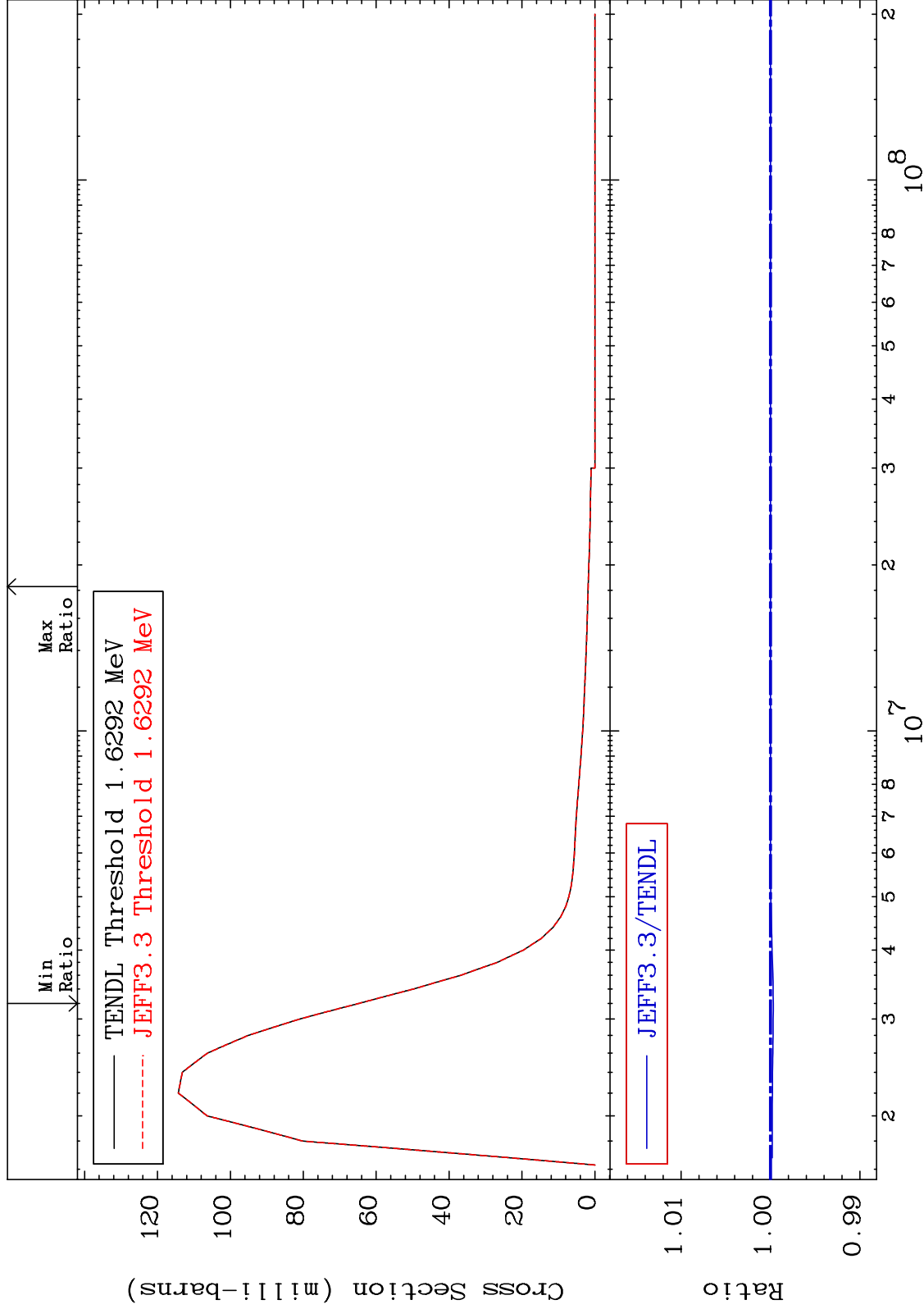
MAT 7637 MT= 70 (n,n') Level Cross Section 76-0s-188
 -0.031 To 0.000 %



MAT 7637

MT= 71 (n,n') Level
Cross Section

76-0s-188
-0.031 To 0.000 %

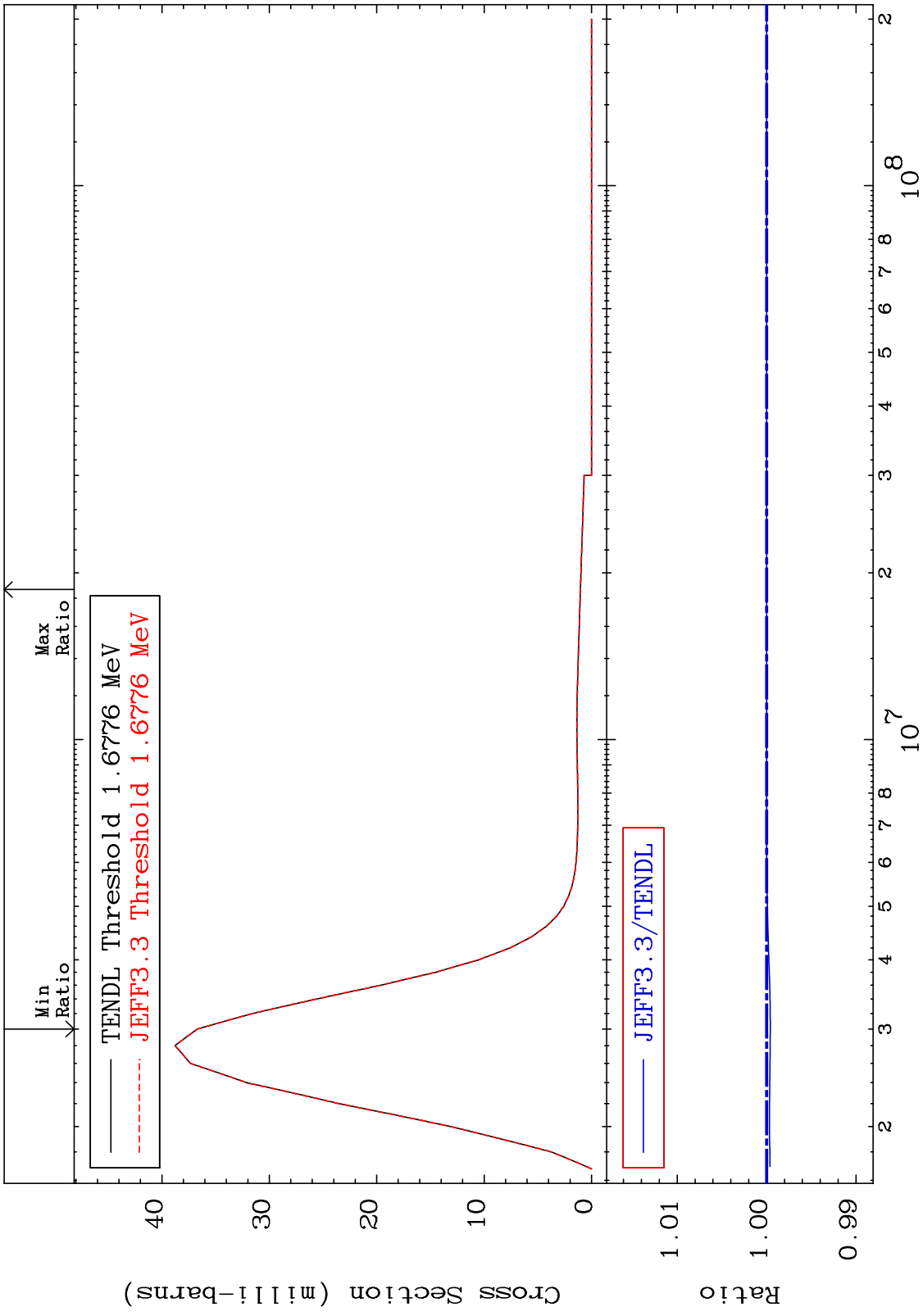


40

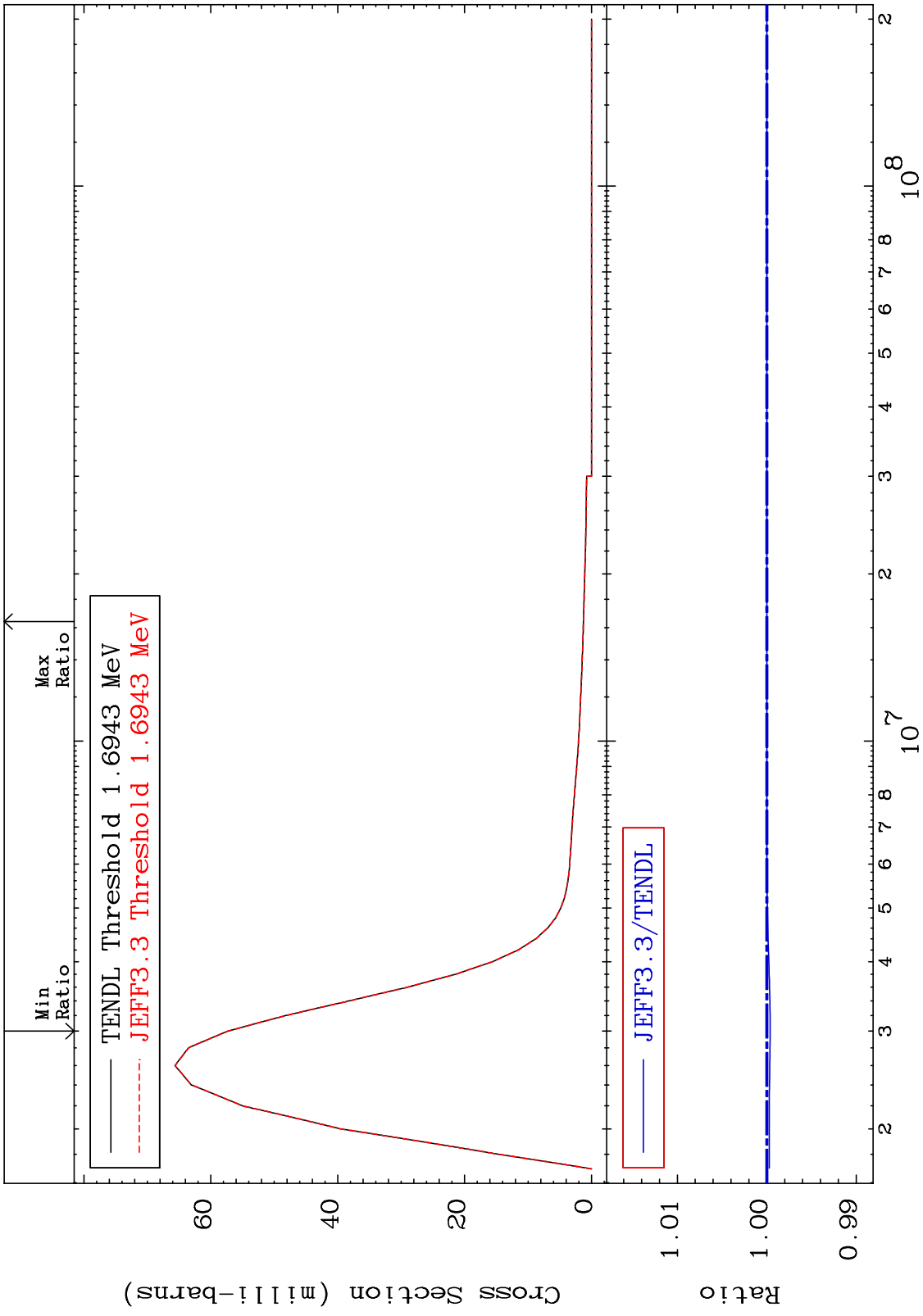
Incident Energy (eV)

76-0s-188

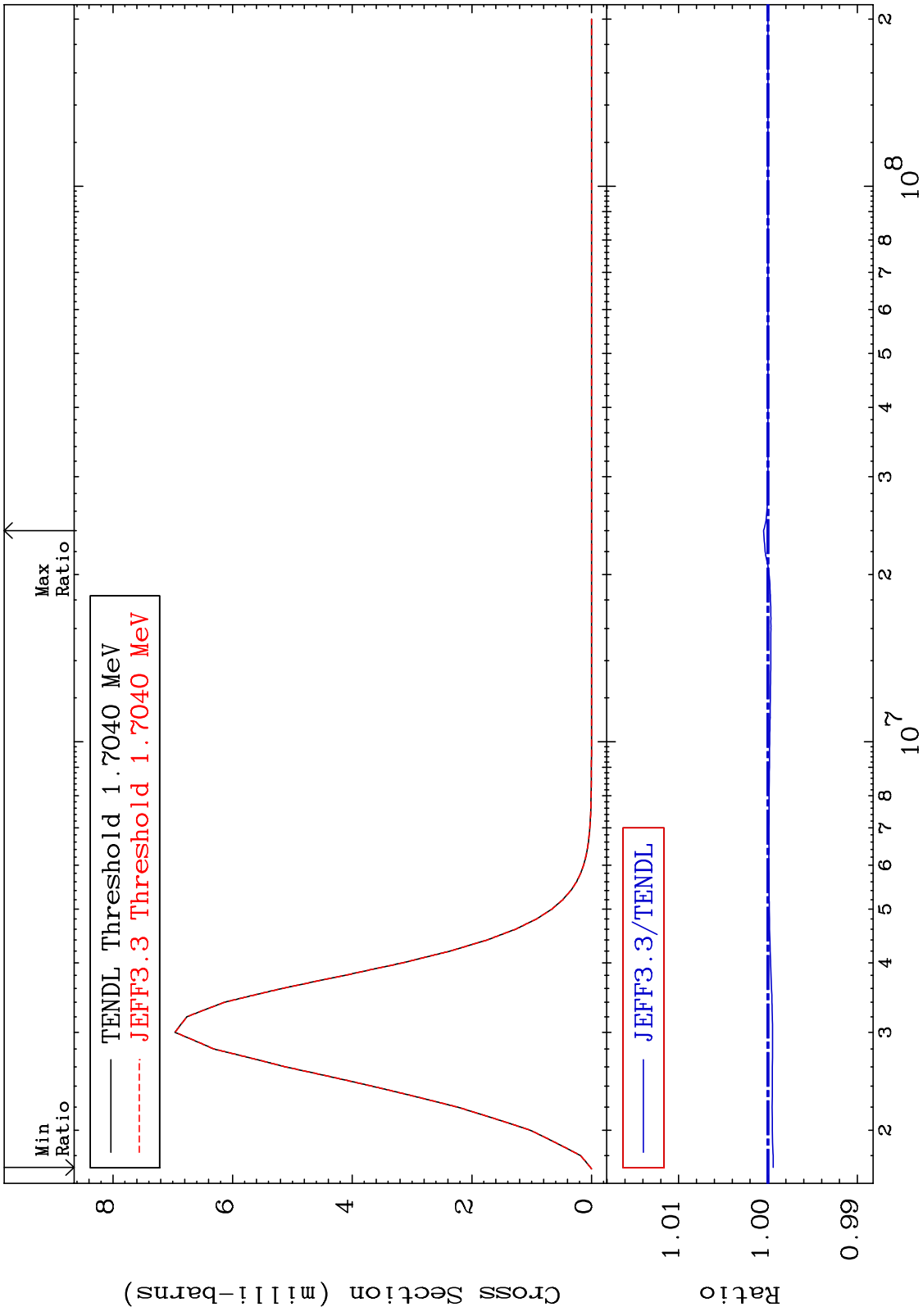
MAT 7637 MT= 72 (n,n') Level Cross Section 76-0s-188
 -0.041 To 0.000 %



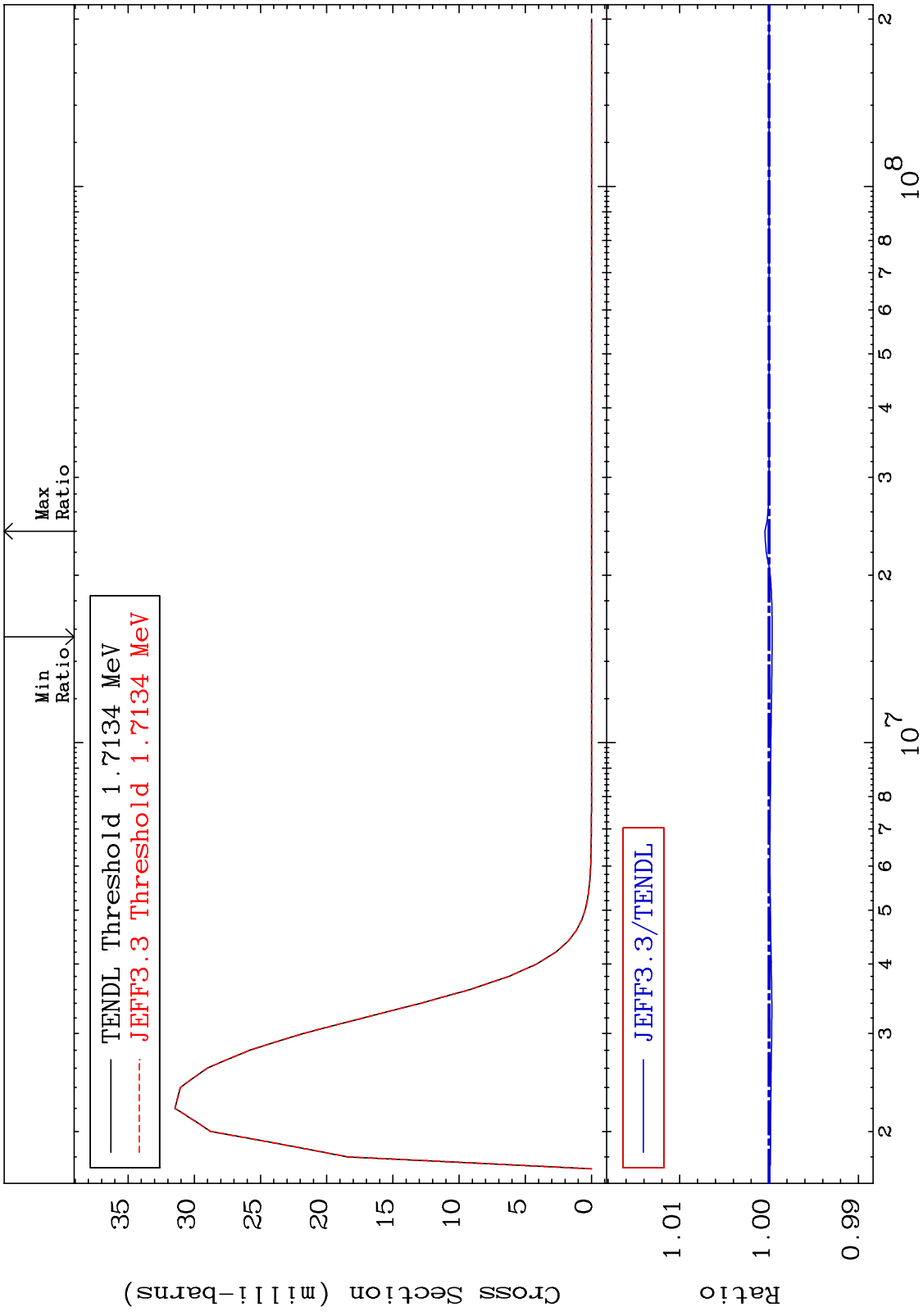
MAT 7637 MT= 73 (n,n') Level Cross Section 76-0s-188
 -0.037 To 0.000 %



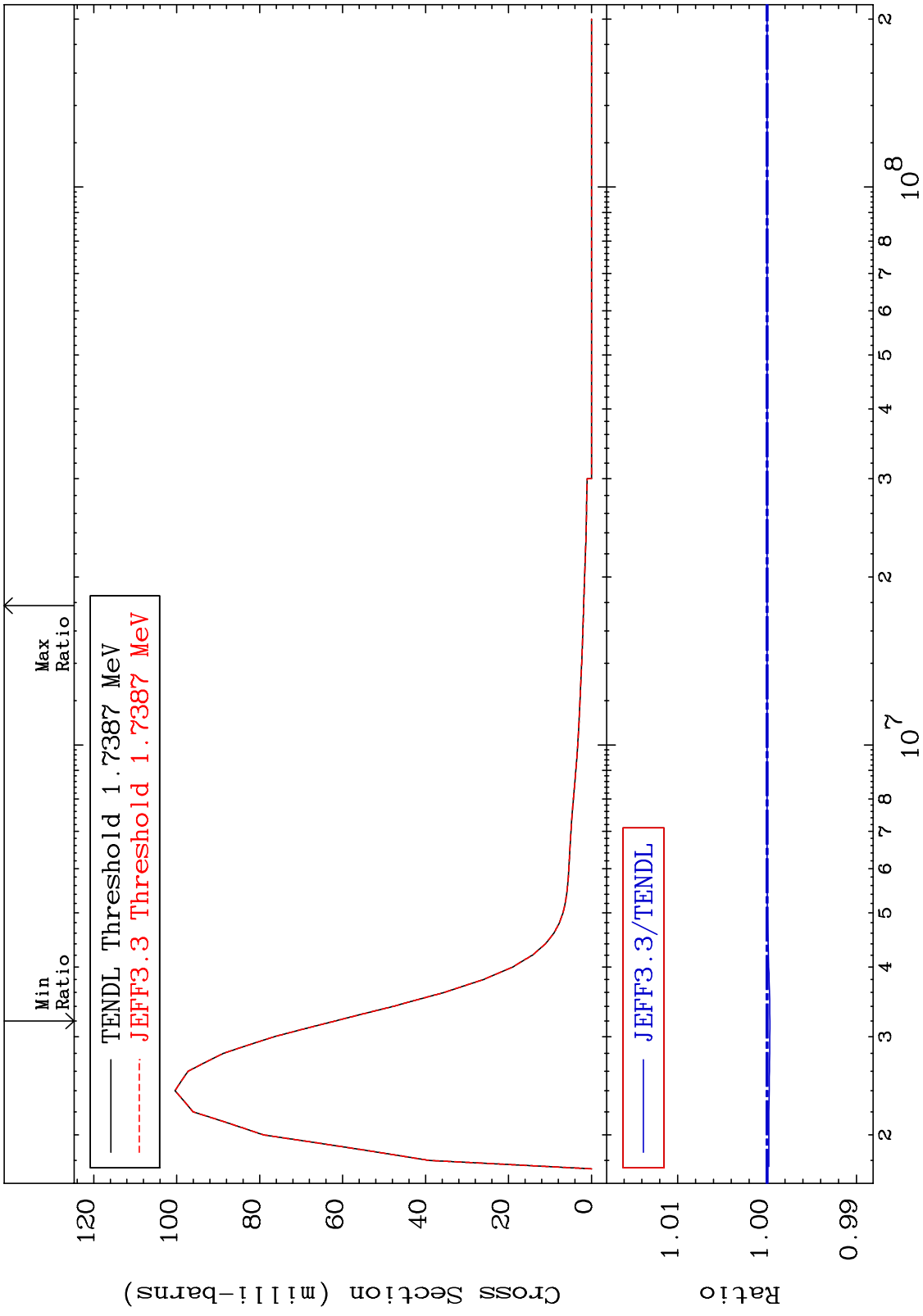
MAT 7637 MT= 74 (n,n') Level Cross Section 76-0s-188
 -0.058 To 0.048 %



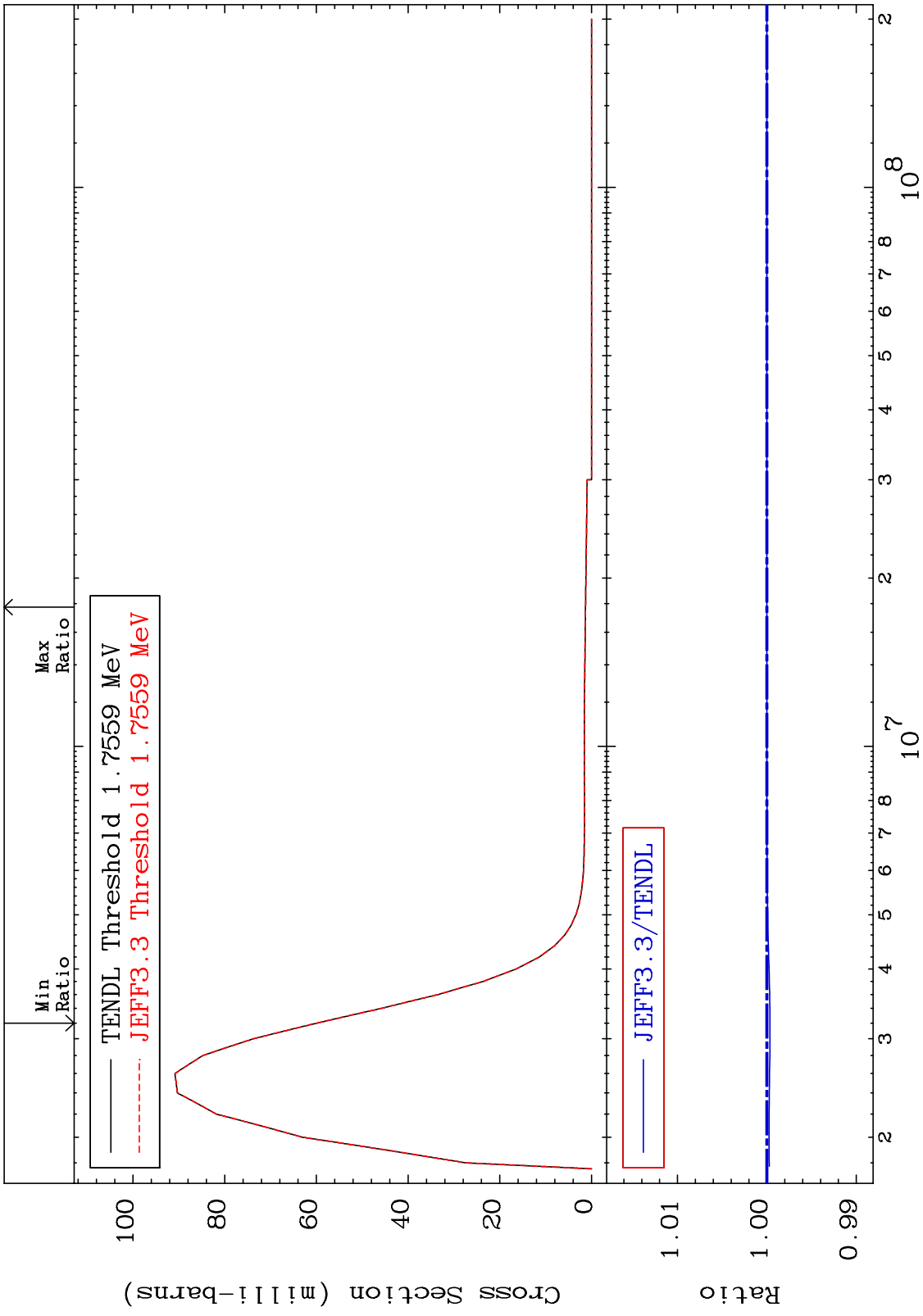
MAT 7637 MT= 75 (n,n') Level Cross Section 76-0s-188
 -0.034 To 0.048 %



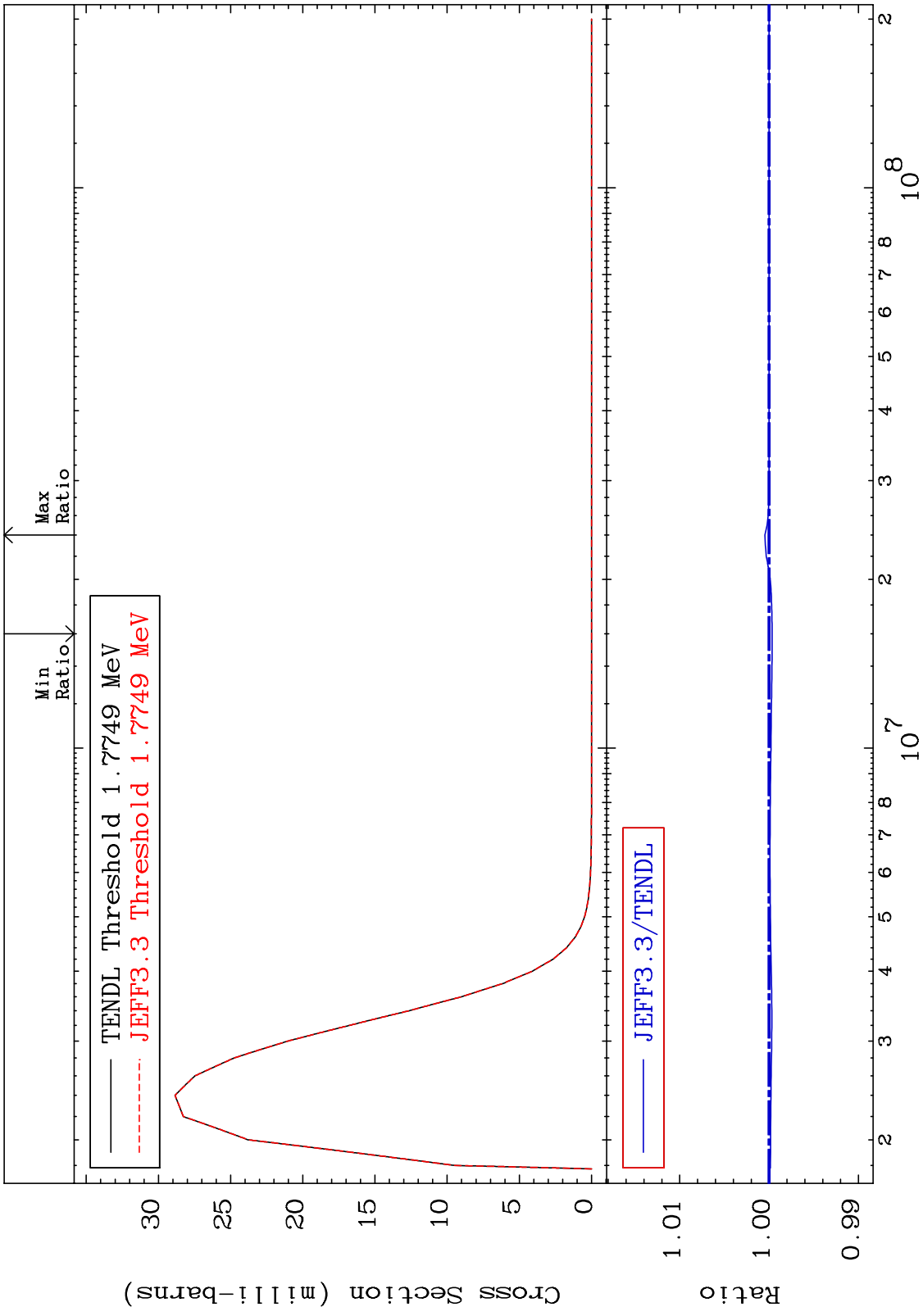
MAT 7637 MT= 76 (n,n') Level Cross Section 76-0s-188
 -0.031 To 0.000 %



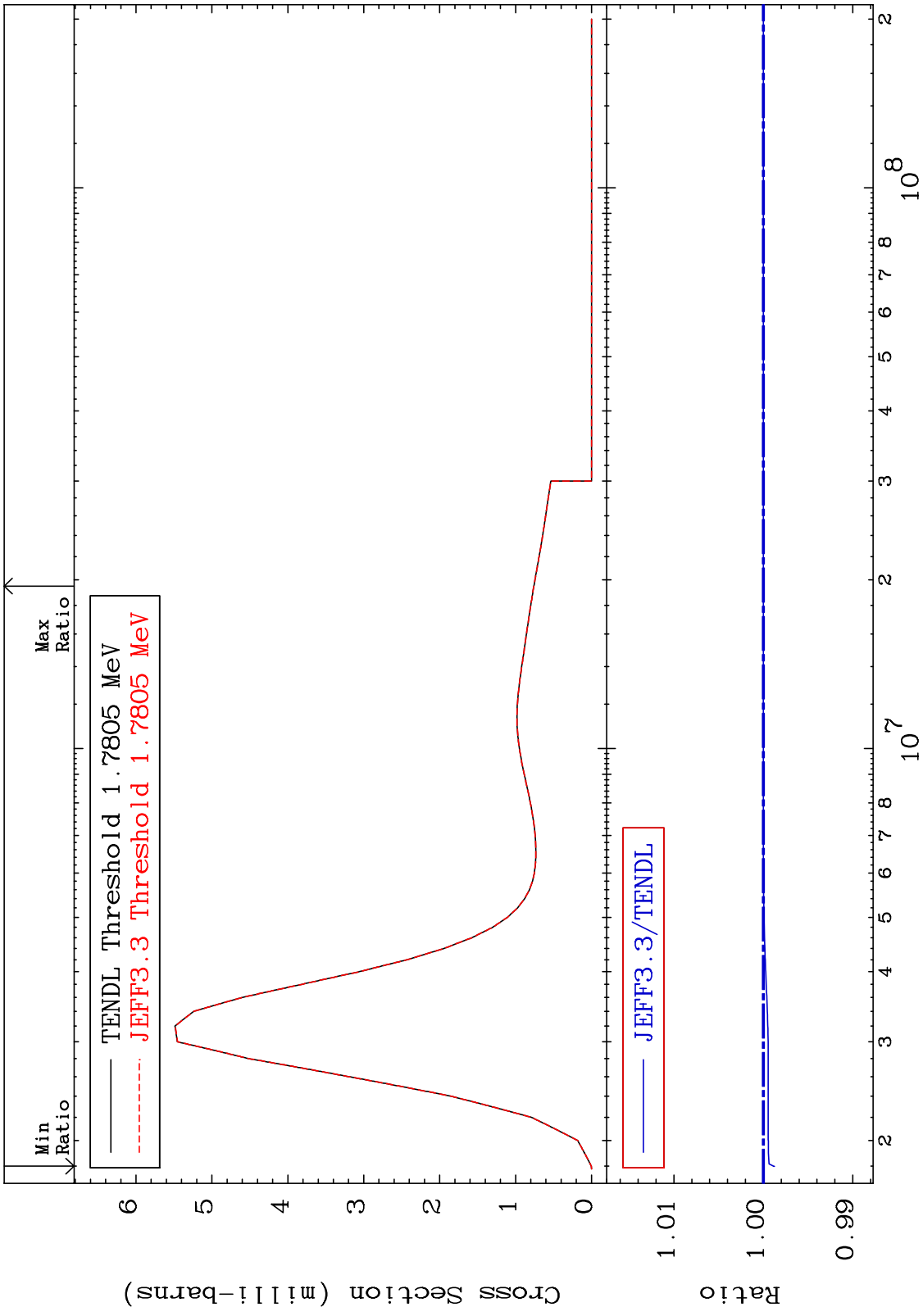
MAT 7637 MT= 77 (n,n') Level Cross Section 76-0s-188
 -0.034 To 0.000 %



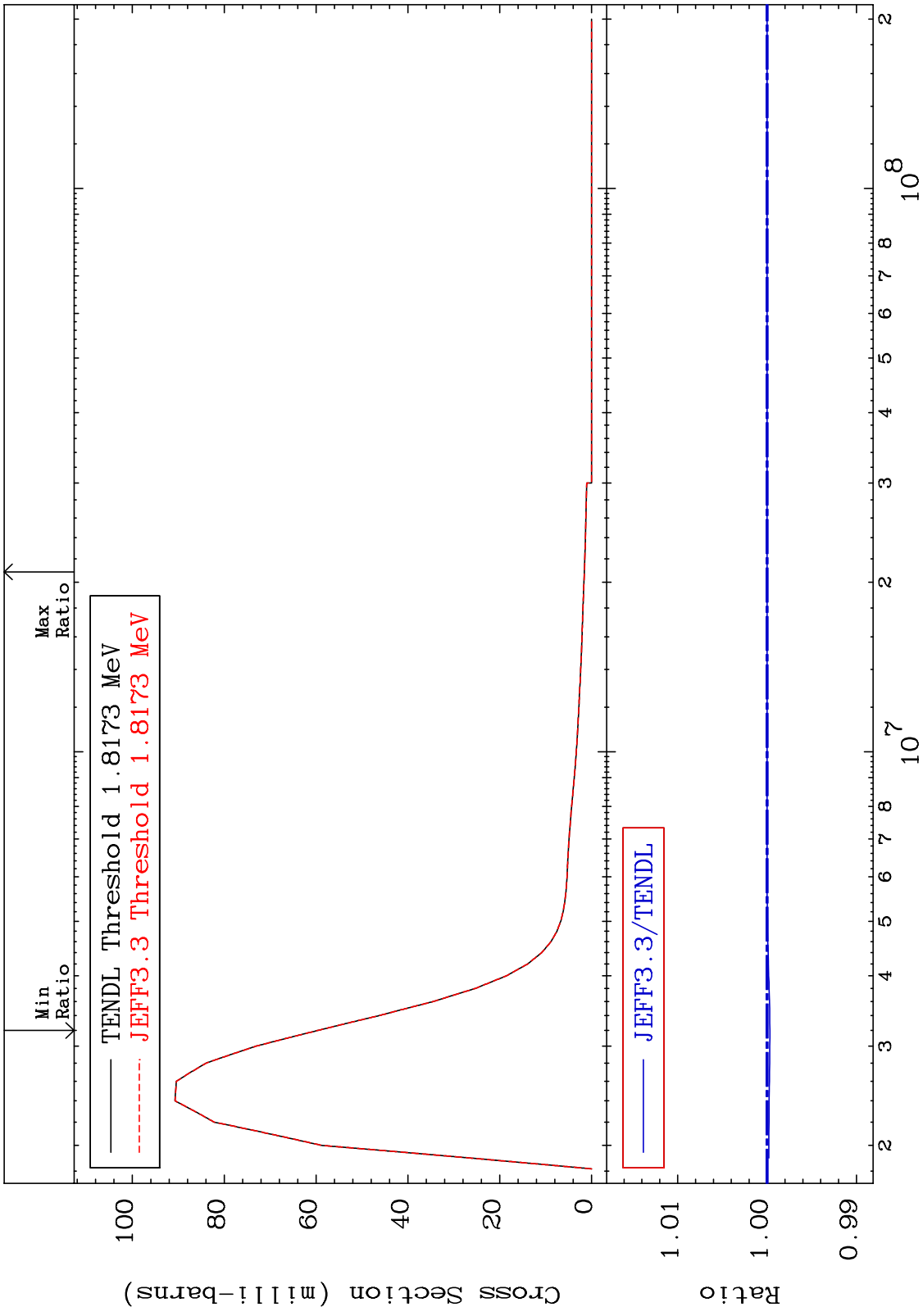
MAT 7637 MT= 78 (n,n') Level Cross Section 76-0s-188
-0.033 To 0.048 %



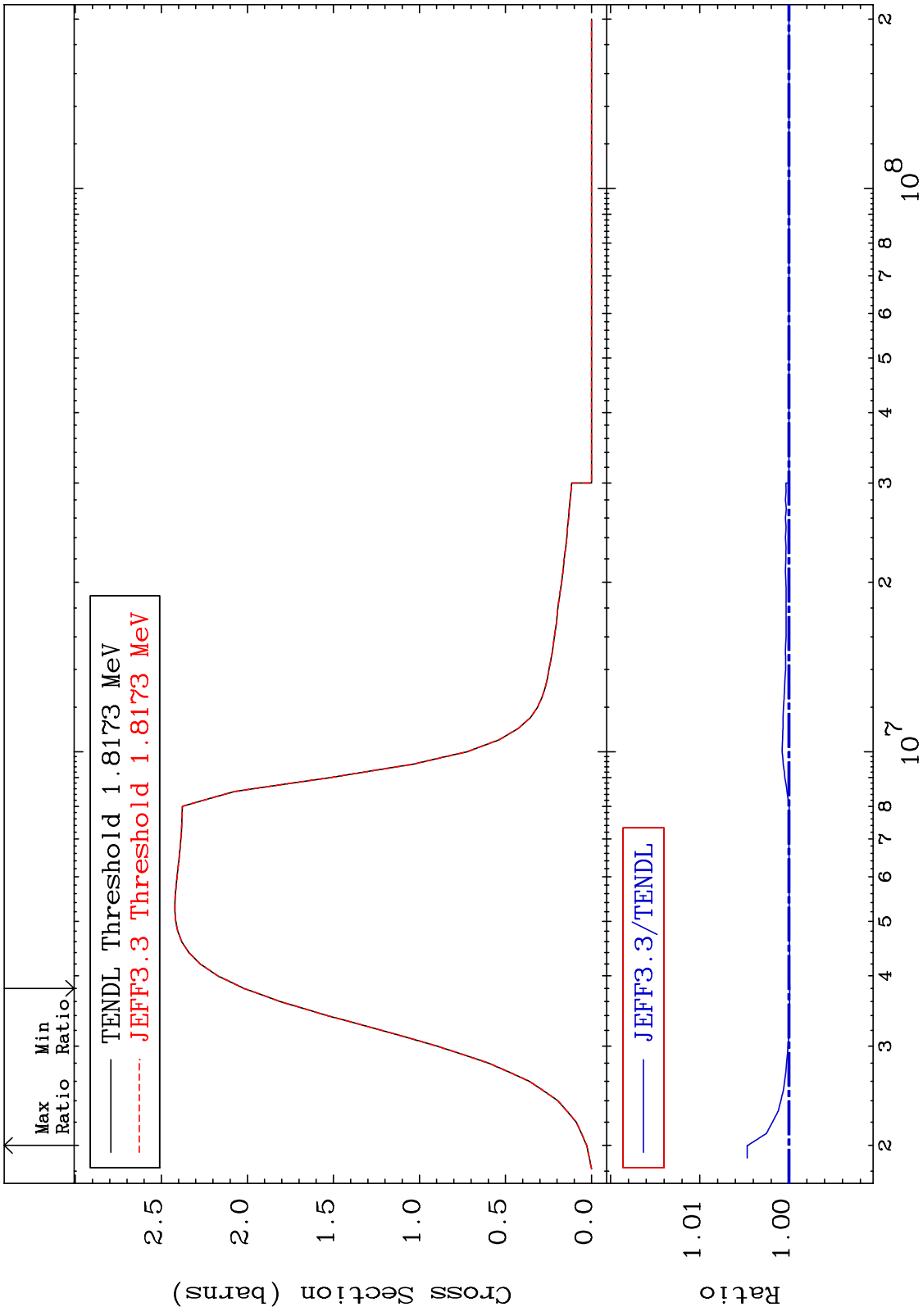
MAT 7637 MT= 79 (n,n') Level Cross Section 76-0s-188
 -0.114 To 0.000 %



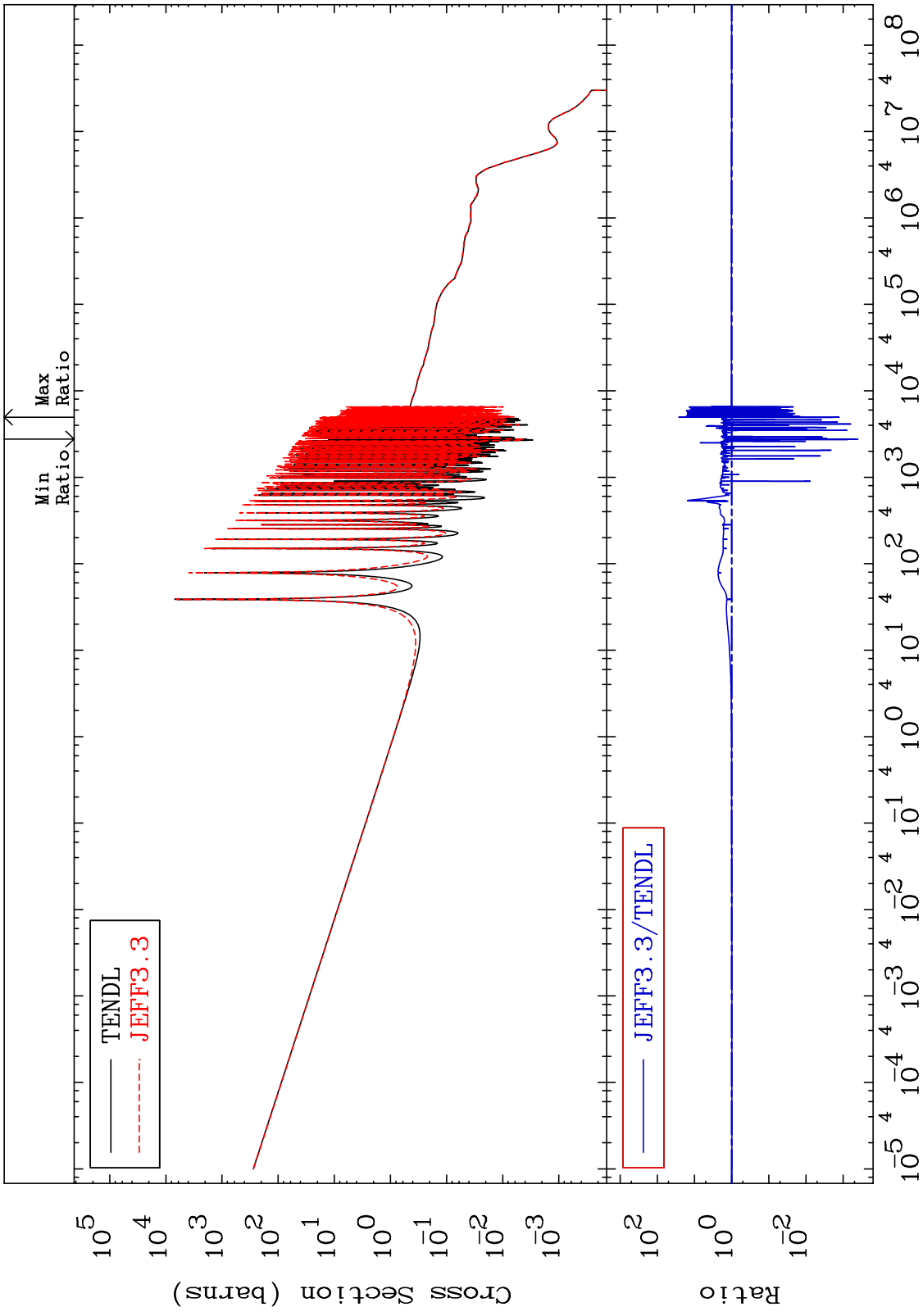
MAT 7637 MT= 80 (n,n') Level Cross Section 76-0s-188
 -0.031 To 0.000 %



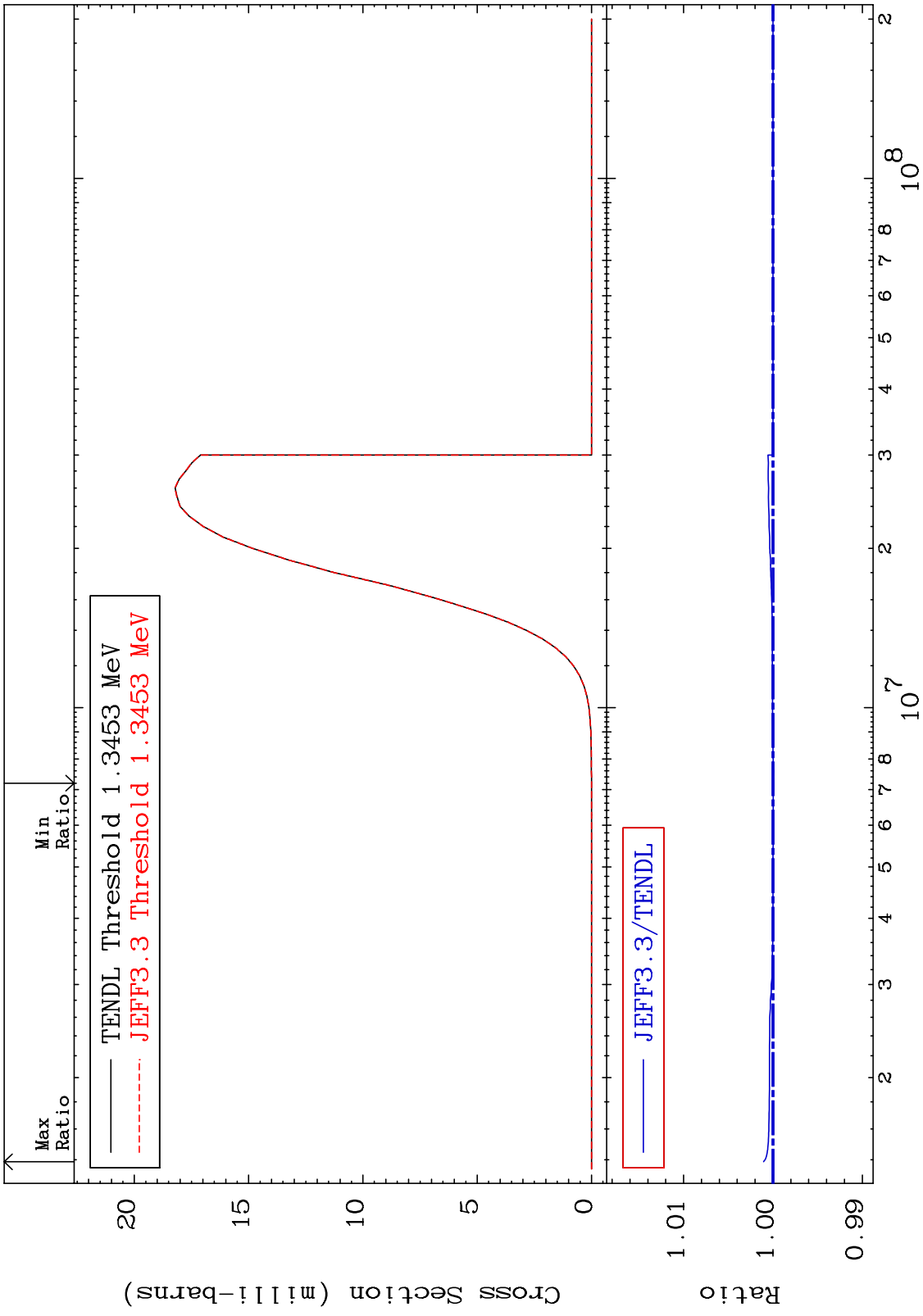
MAT 7637 (n,n') Continuum Cross Section 76-0s-188
 -0.008 To 0.469 %



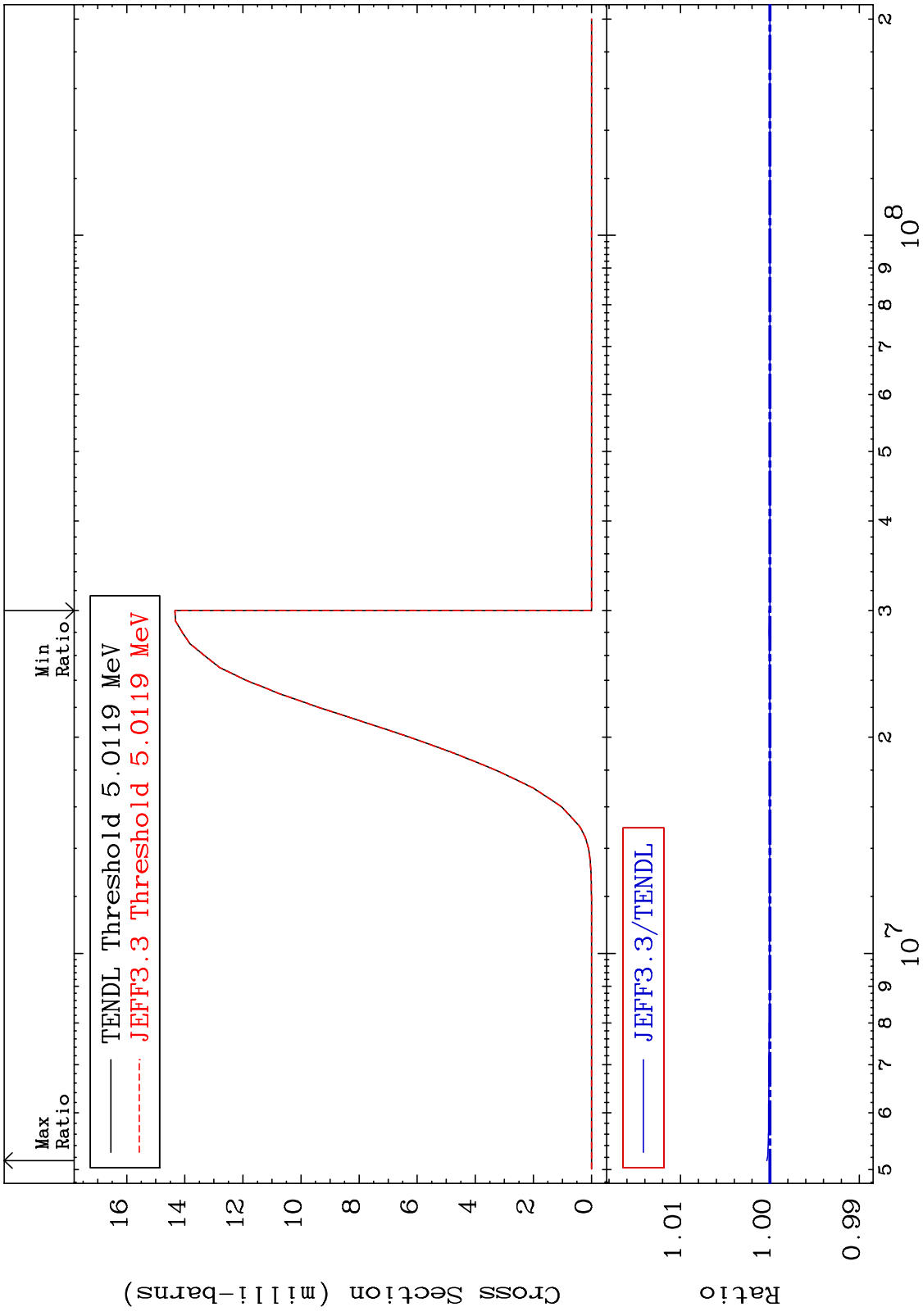
MAT 7637 (n, γ) Cross Section 76-0s-188
 -99.96 To 2502. %



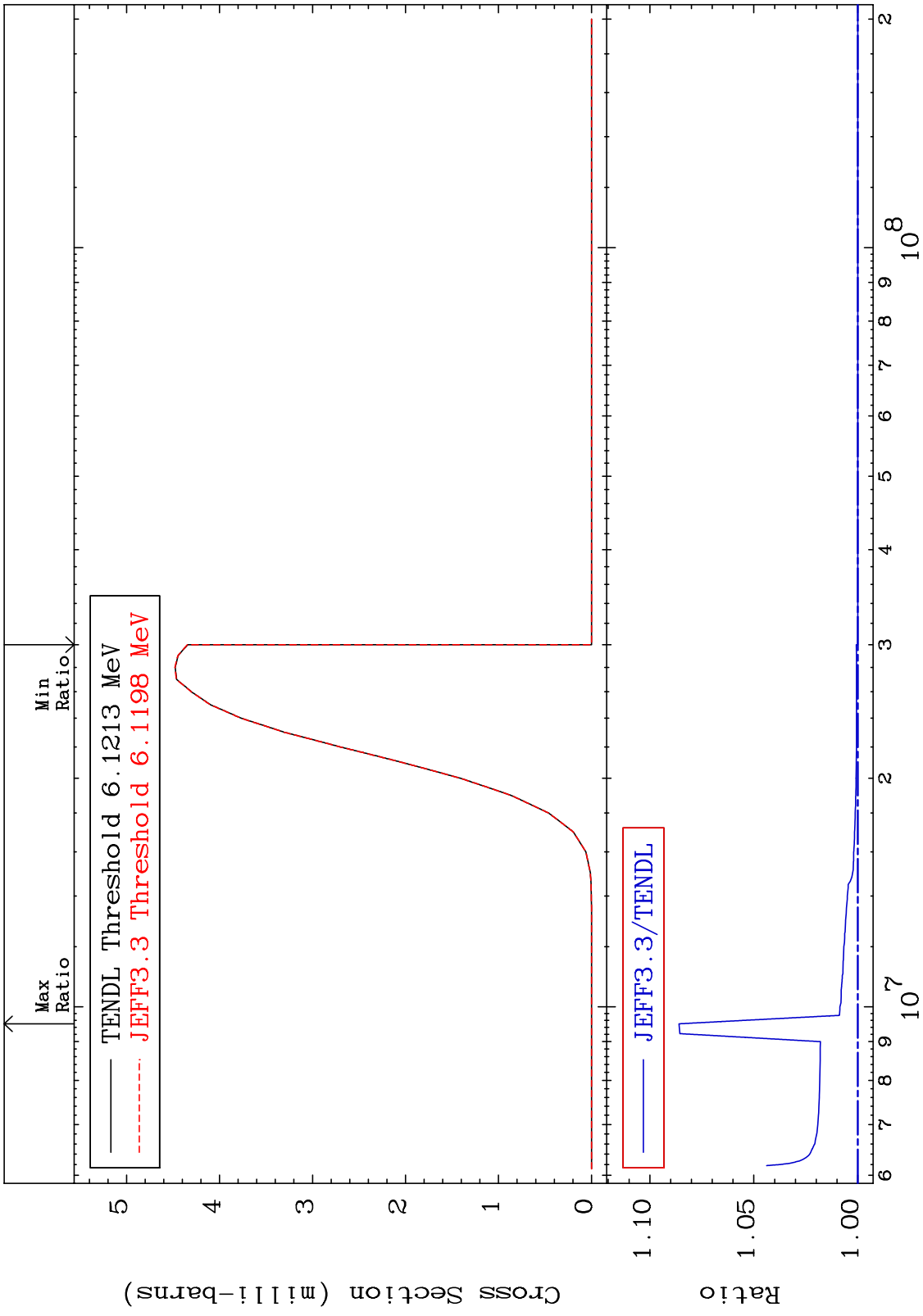
MAT 7637 (n,p) Cross Section 76-Os-188
 -0.005 To 0.106 %



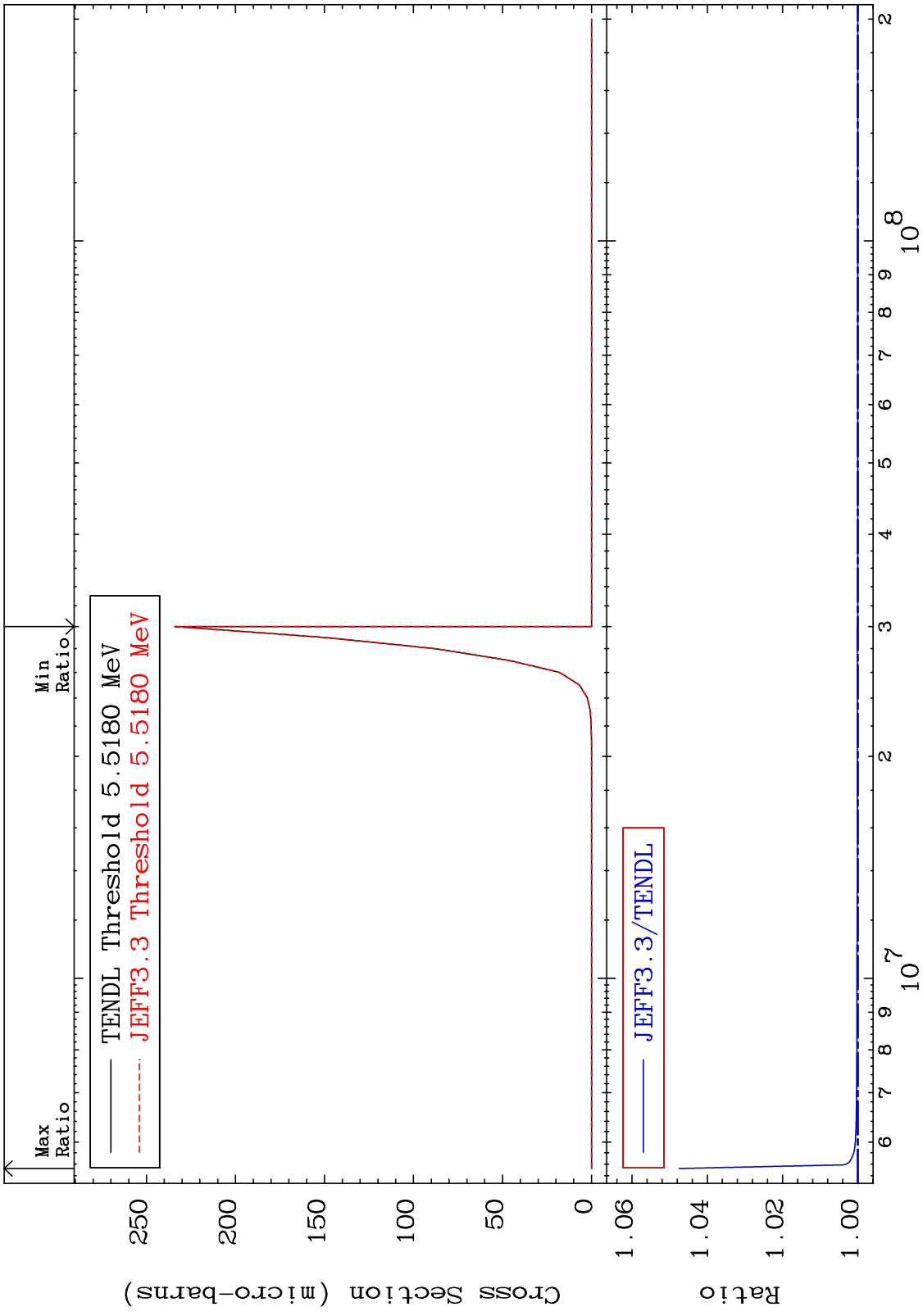
MAT 7637 (n,d) Cross Section 76-Os-188 To 0.033 %



MAT 7637 (n,t) Cross Section 76-0s-188 To 8.596 %



MAT 7637 (n, He-3) Cross Section 76-0s-188 To 4.750 %



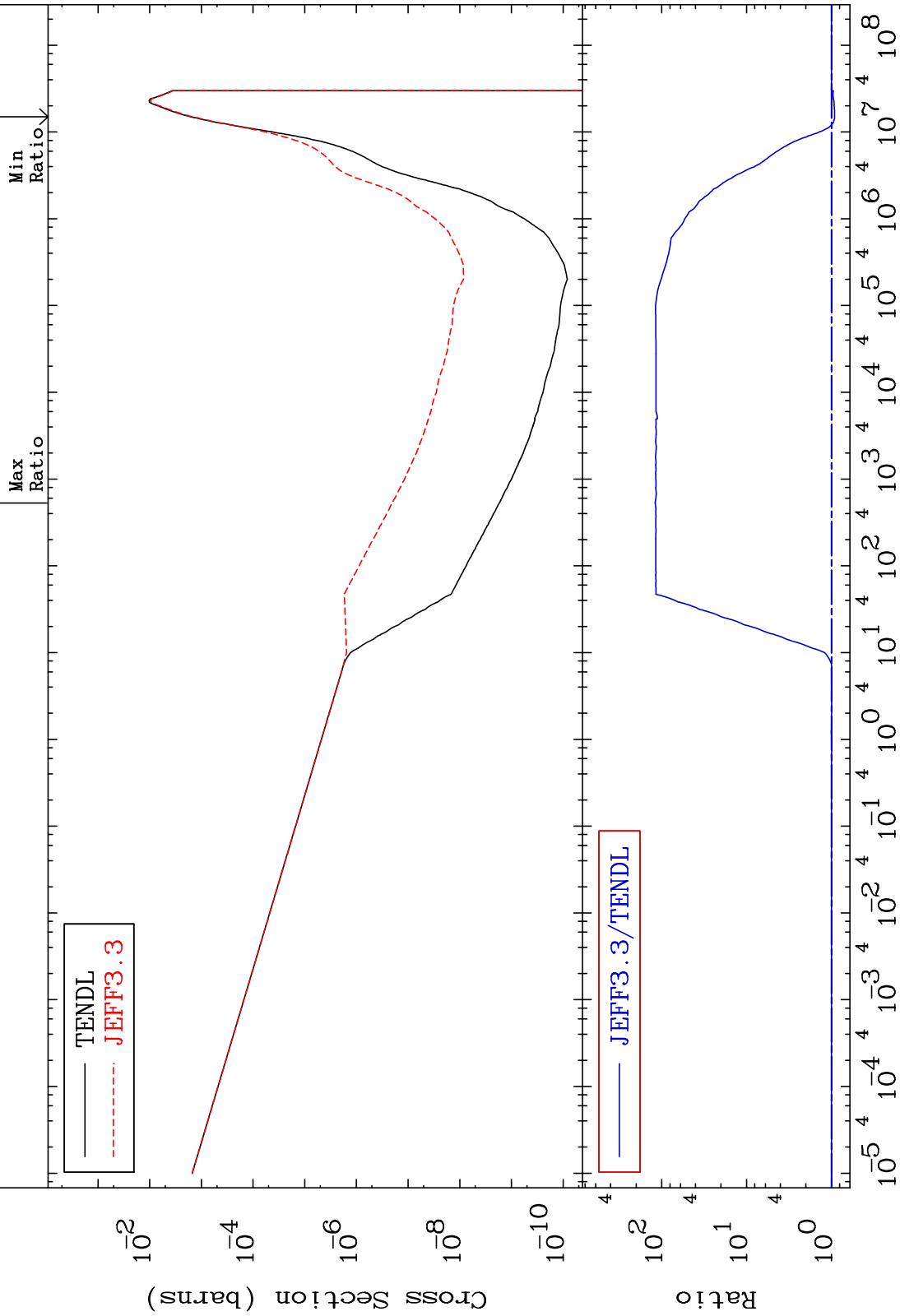
MAT 7637

(n, α)

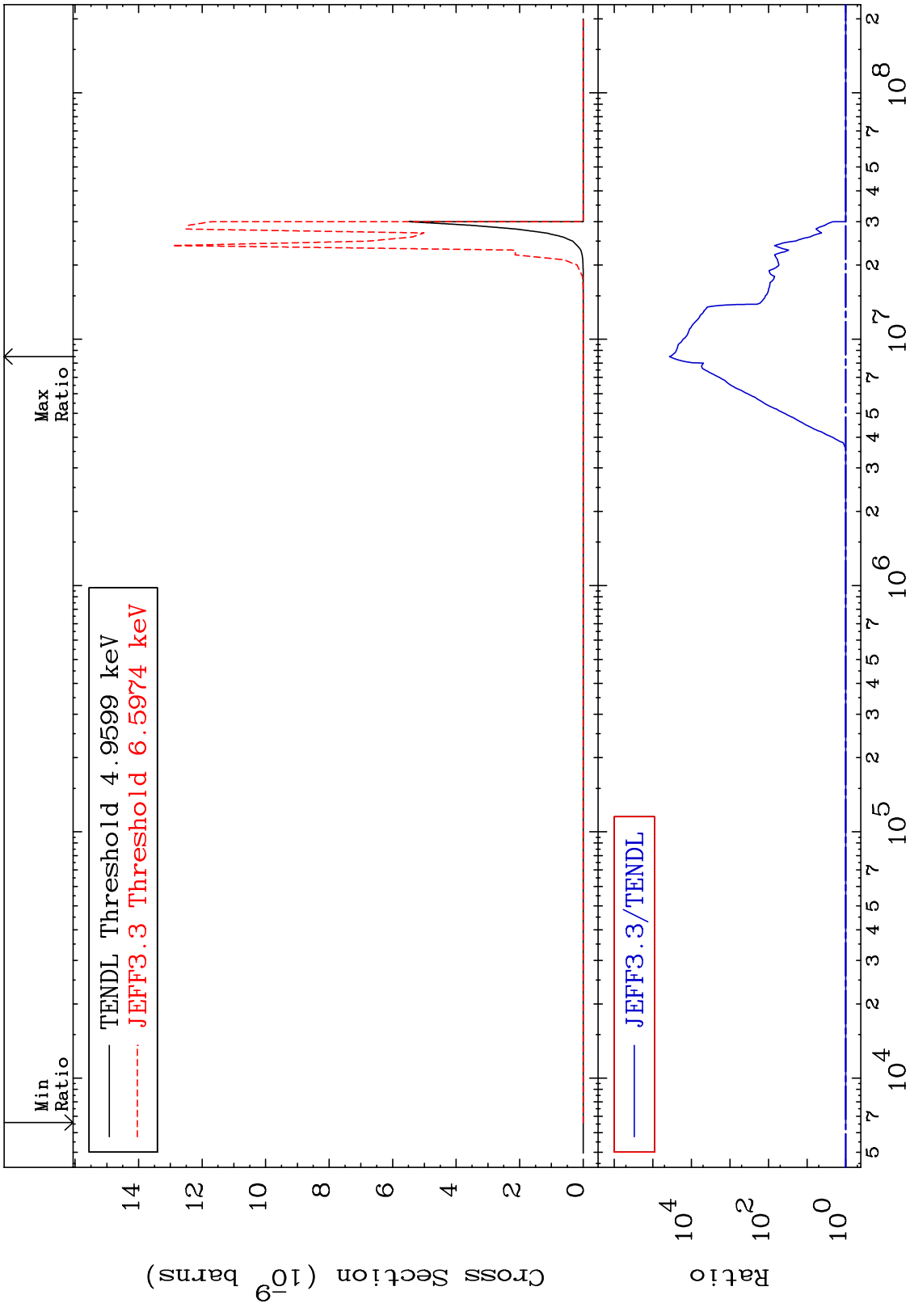
76-Os-188

-8.351 To 9999. %

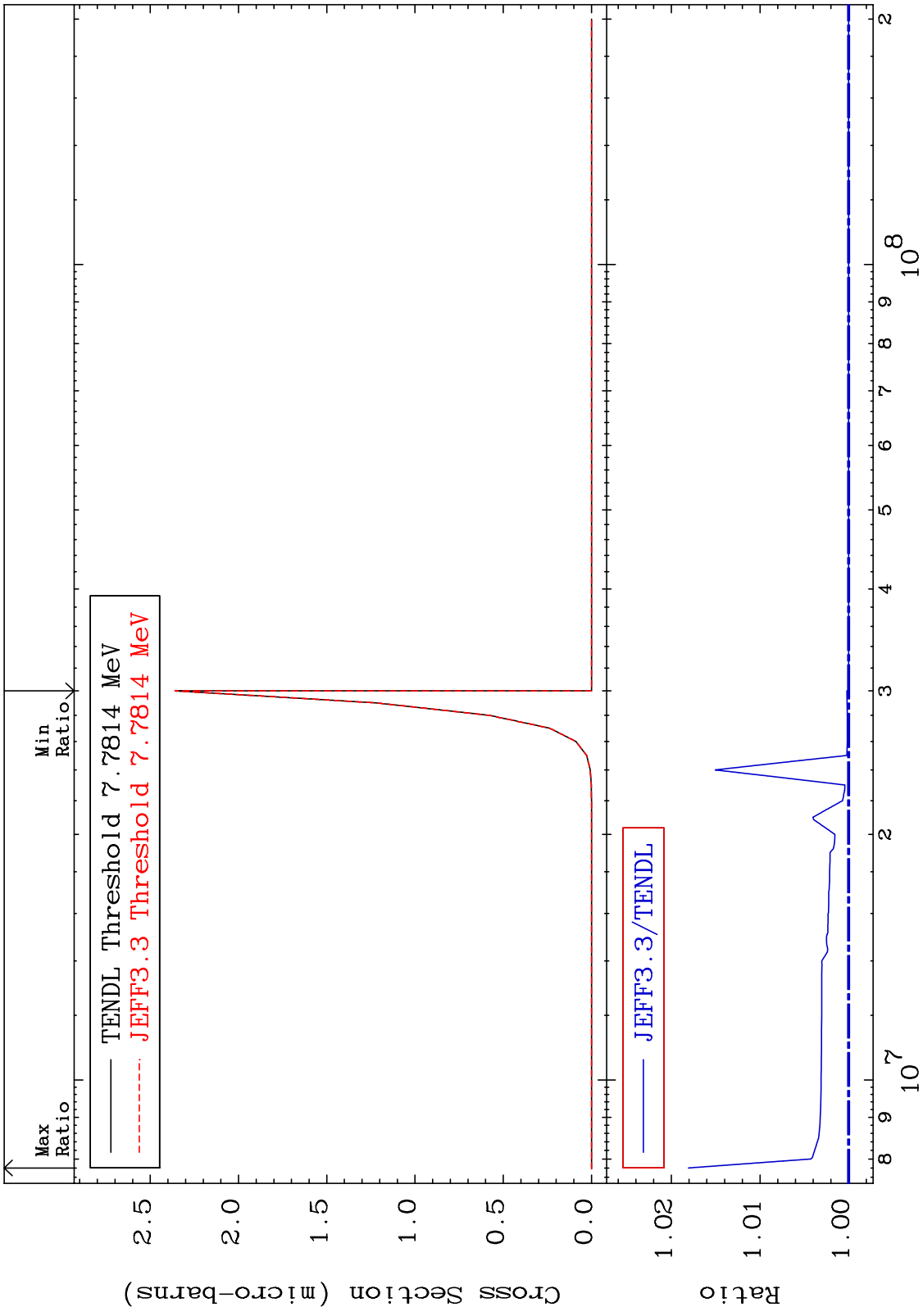
Cross Section



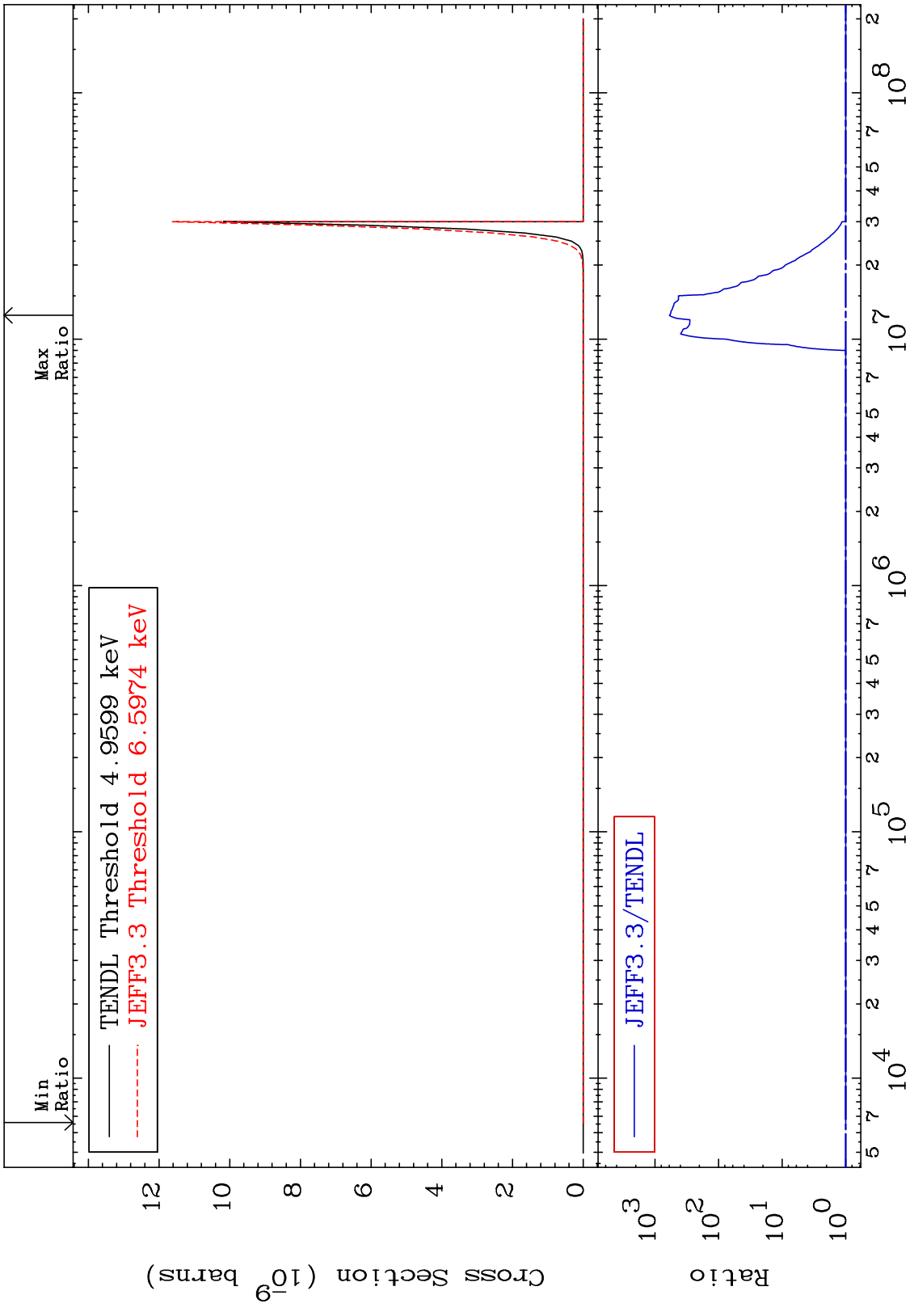
MAT 7637 (n,2α) Cross Section 76-Os-188 To 9999. %



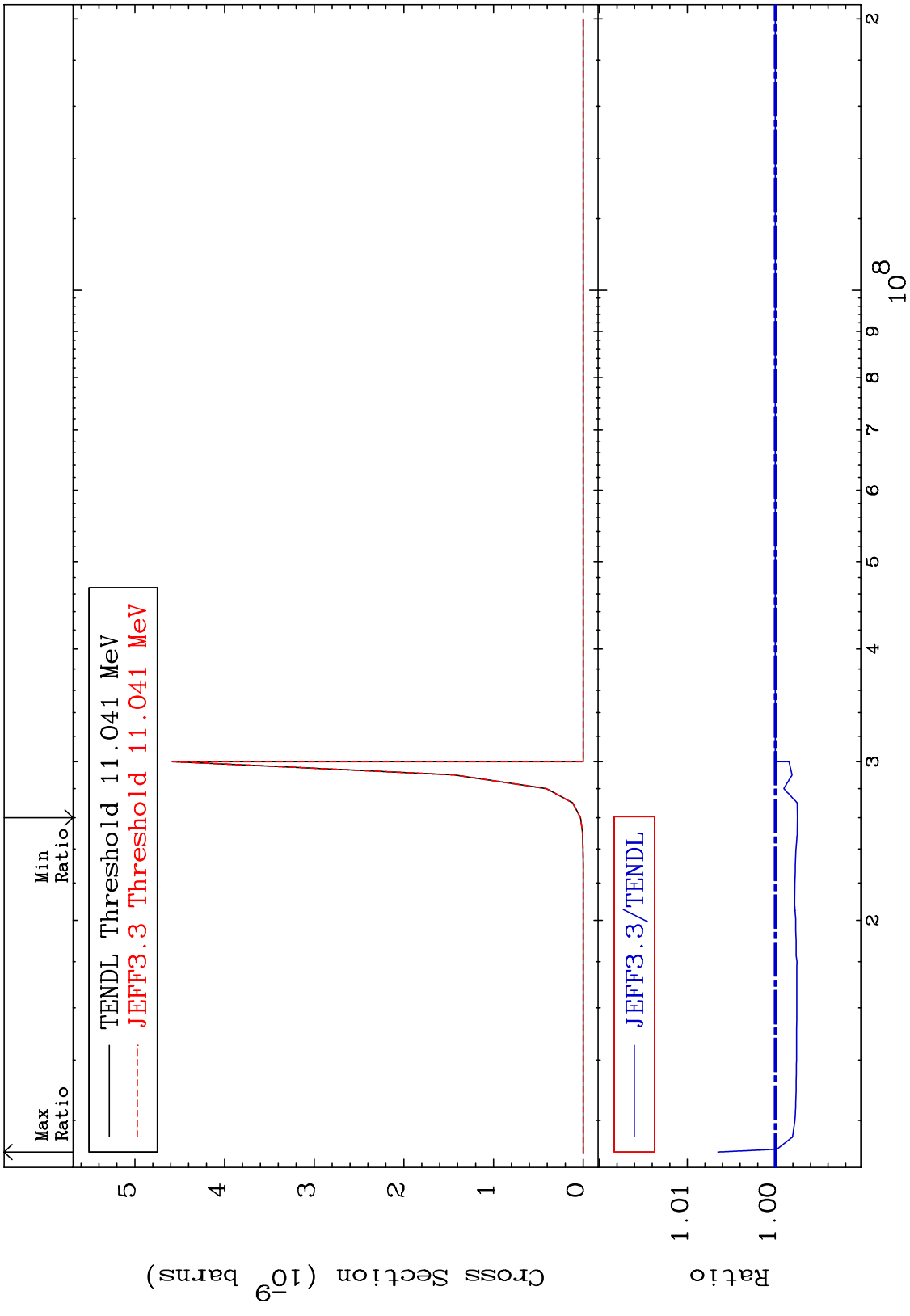
MAT 7637 (n,2p) Cross Section 76-0s-188 To 1.809 %



MAT 7637 (n,p) α 76-Os-188
Cross Section 0.000 To 9999. %



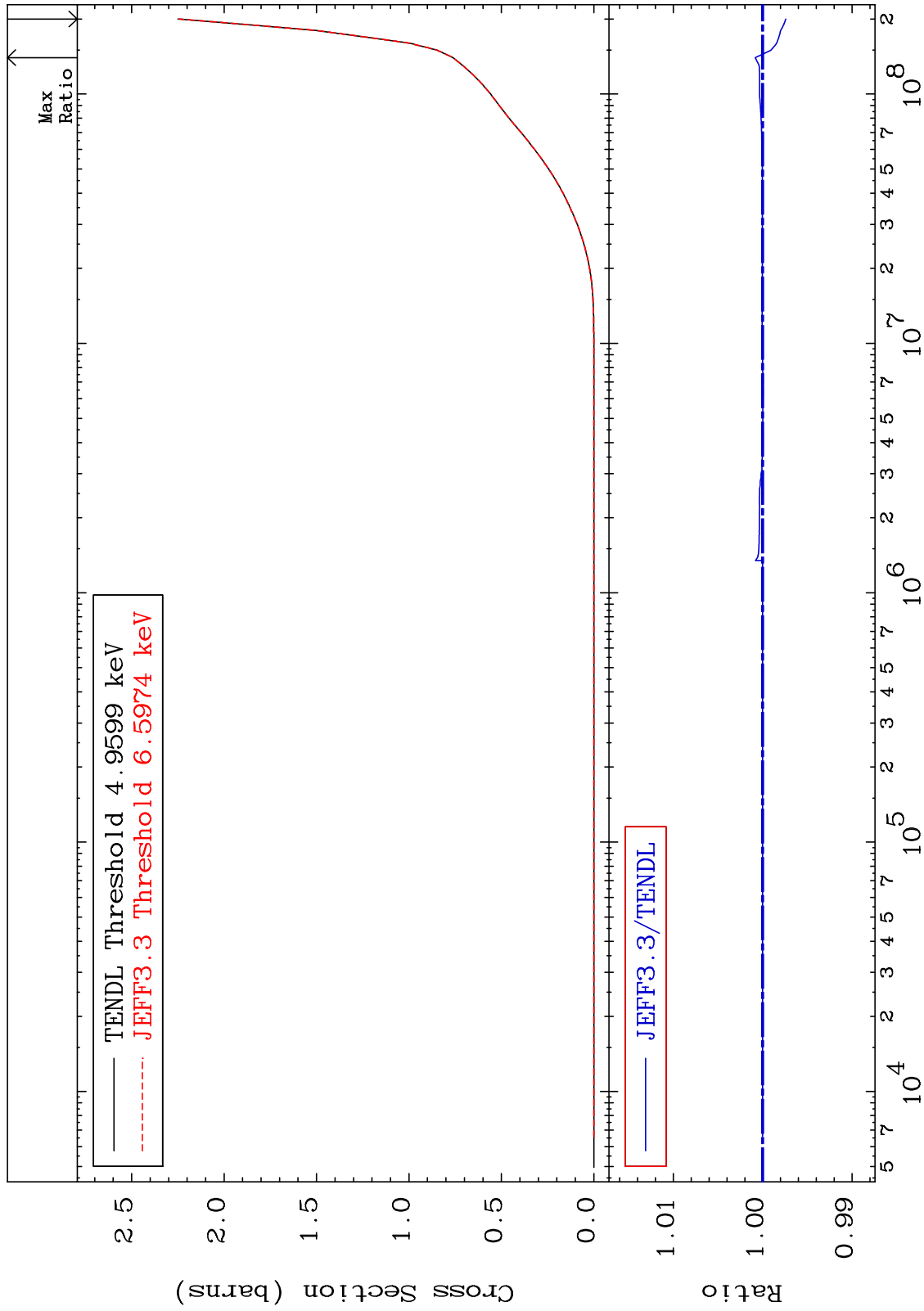
MAT 7637 (n,p) d 76-Os-188
Cross Section -0.251 To 0.653 %



MAT 7637

Hydrogen Production
Cross Section

76-0s-188
-0.258 To 0.083 %

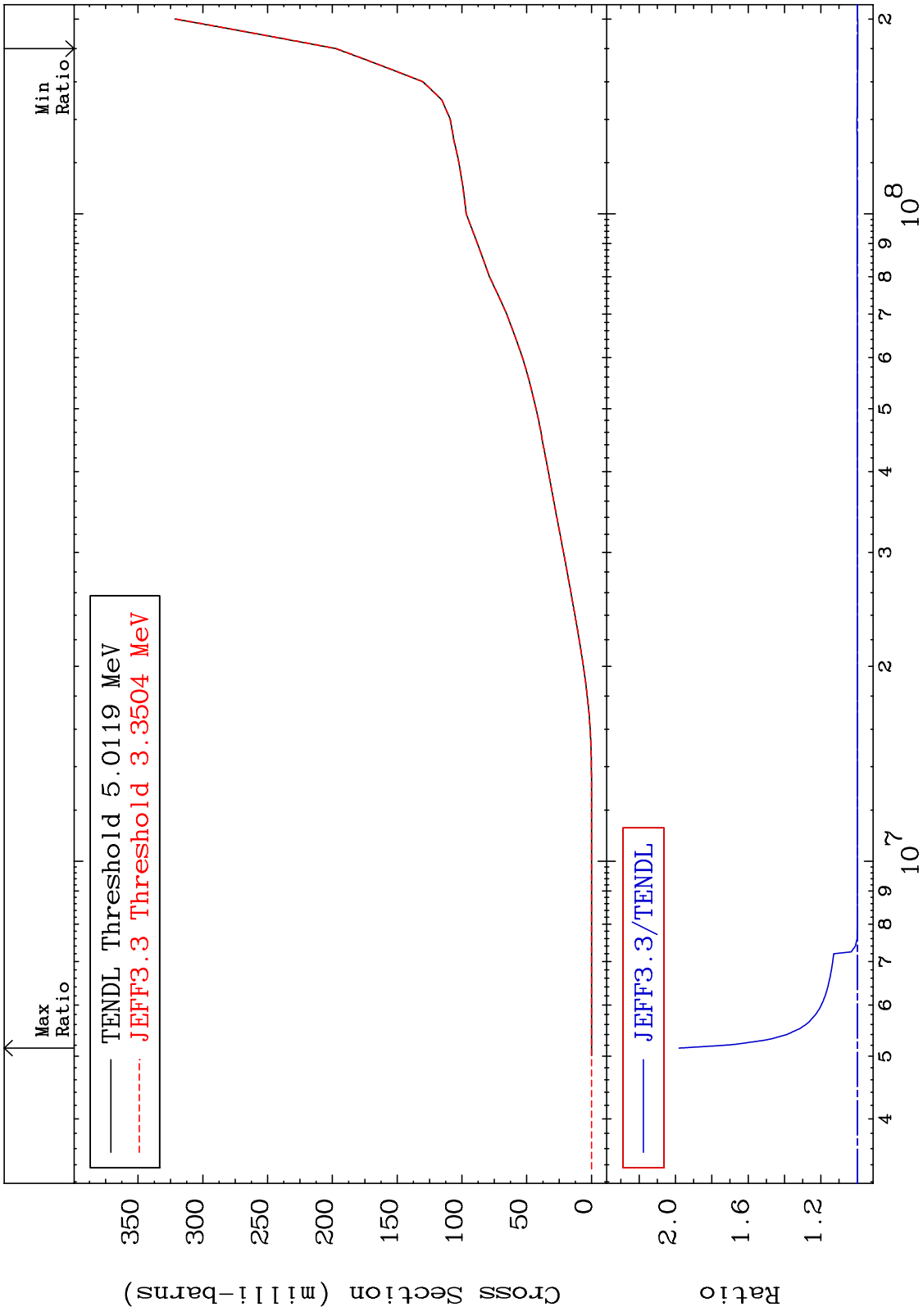


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Incident Energy (eV)

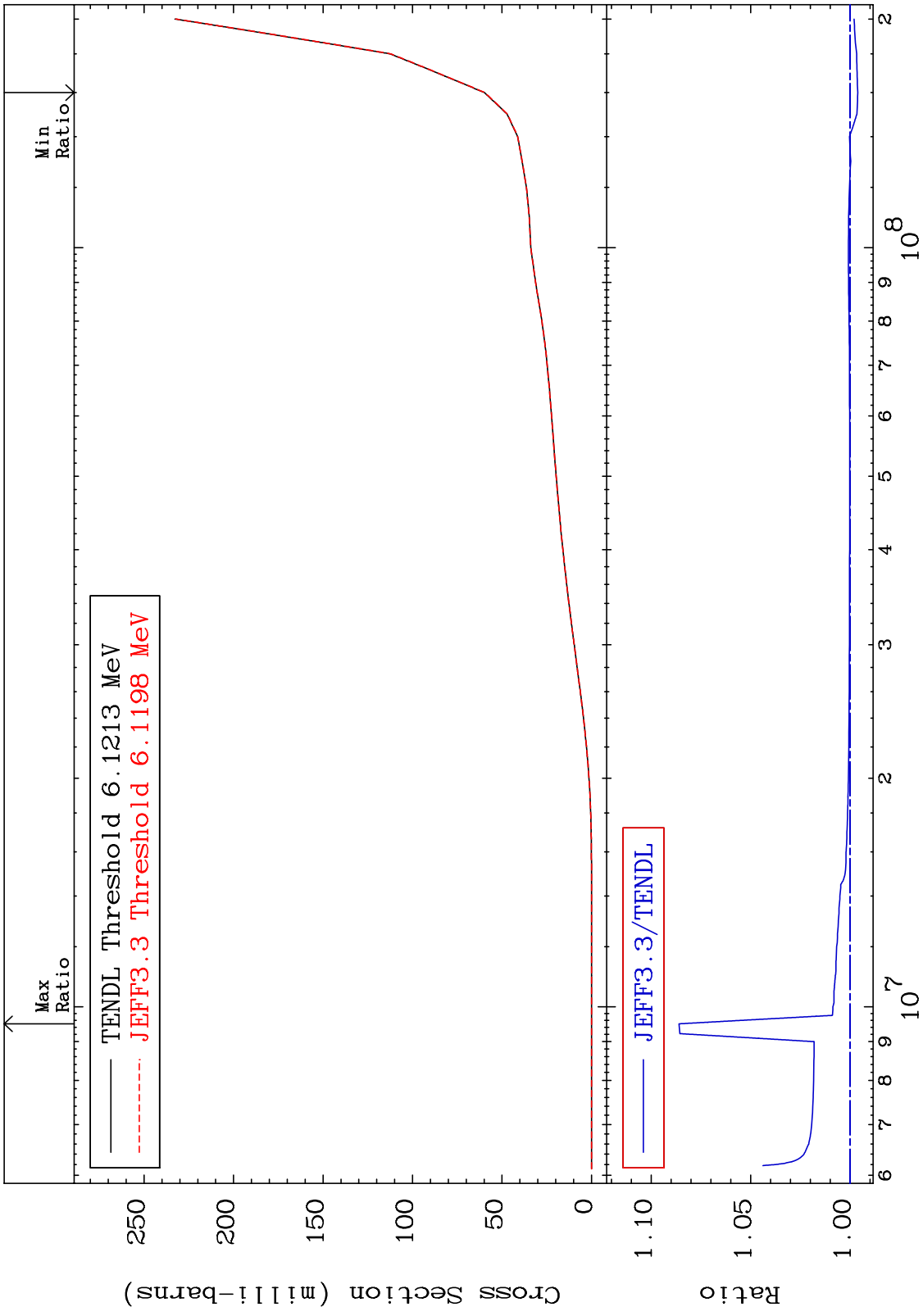
76-0s-188

MAT 7637 Deuterium Production Cross Section 76-0s-188
 -0.307 To 98.04 %



62 76-0s-188

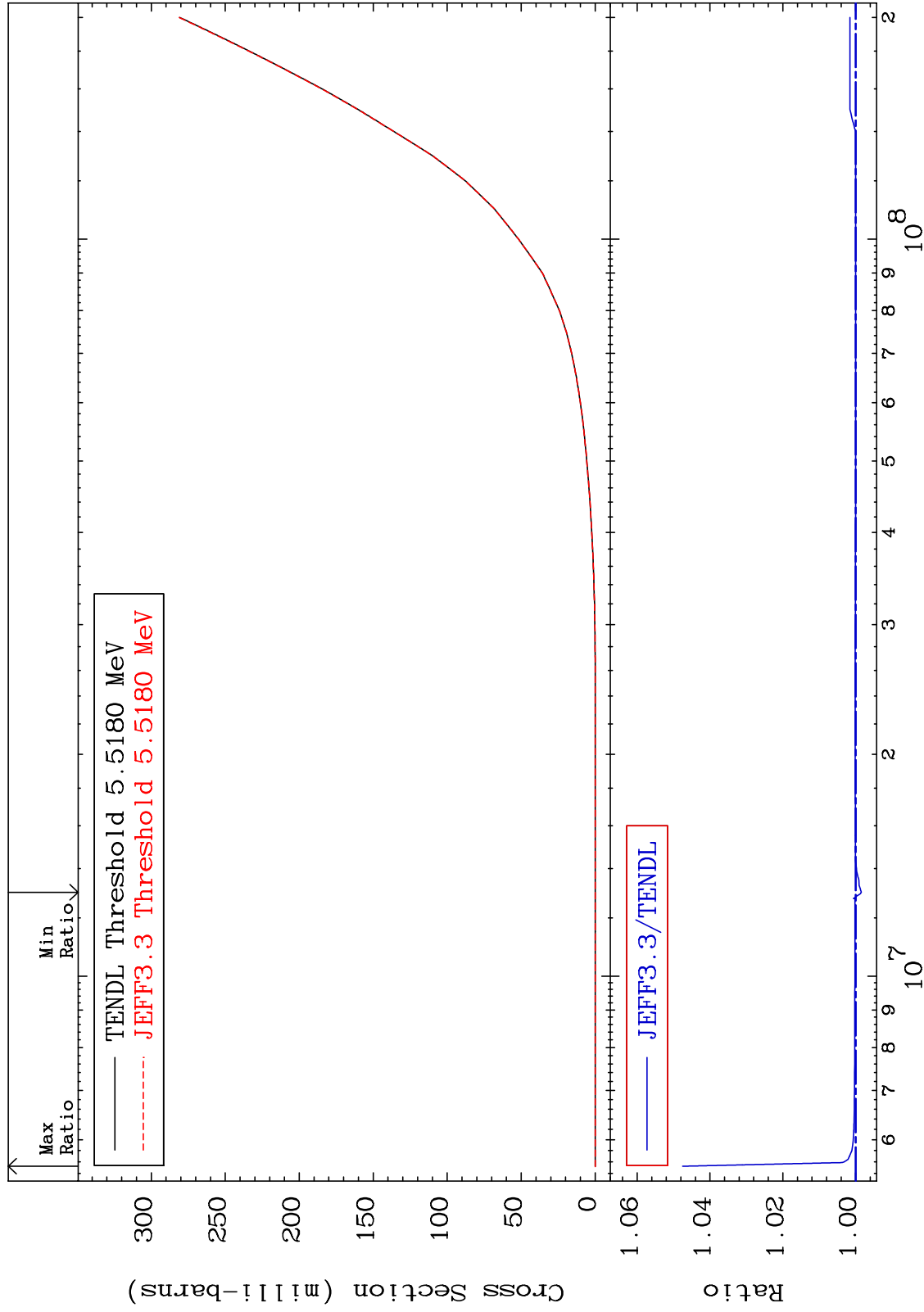
MAT 7637 Tritium Production Cross Section 76-0s-188
-0.392 To 8.596 %



MAT 7637

He-3 Production
Cross Section

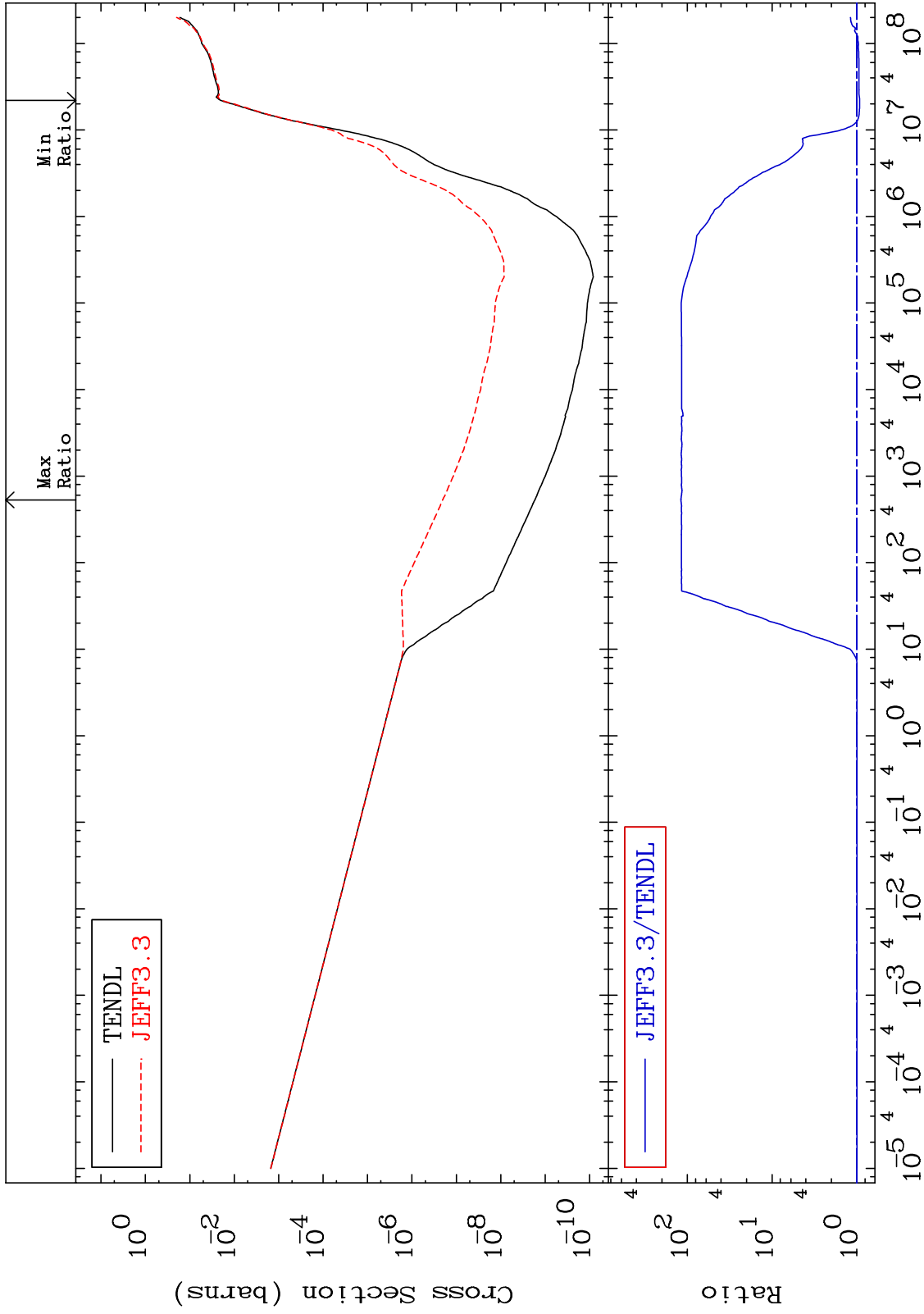
76-0s-188
-0.155 To 4.750 %



MAT 7637

He-4 Production
Cross Section

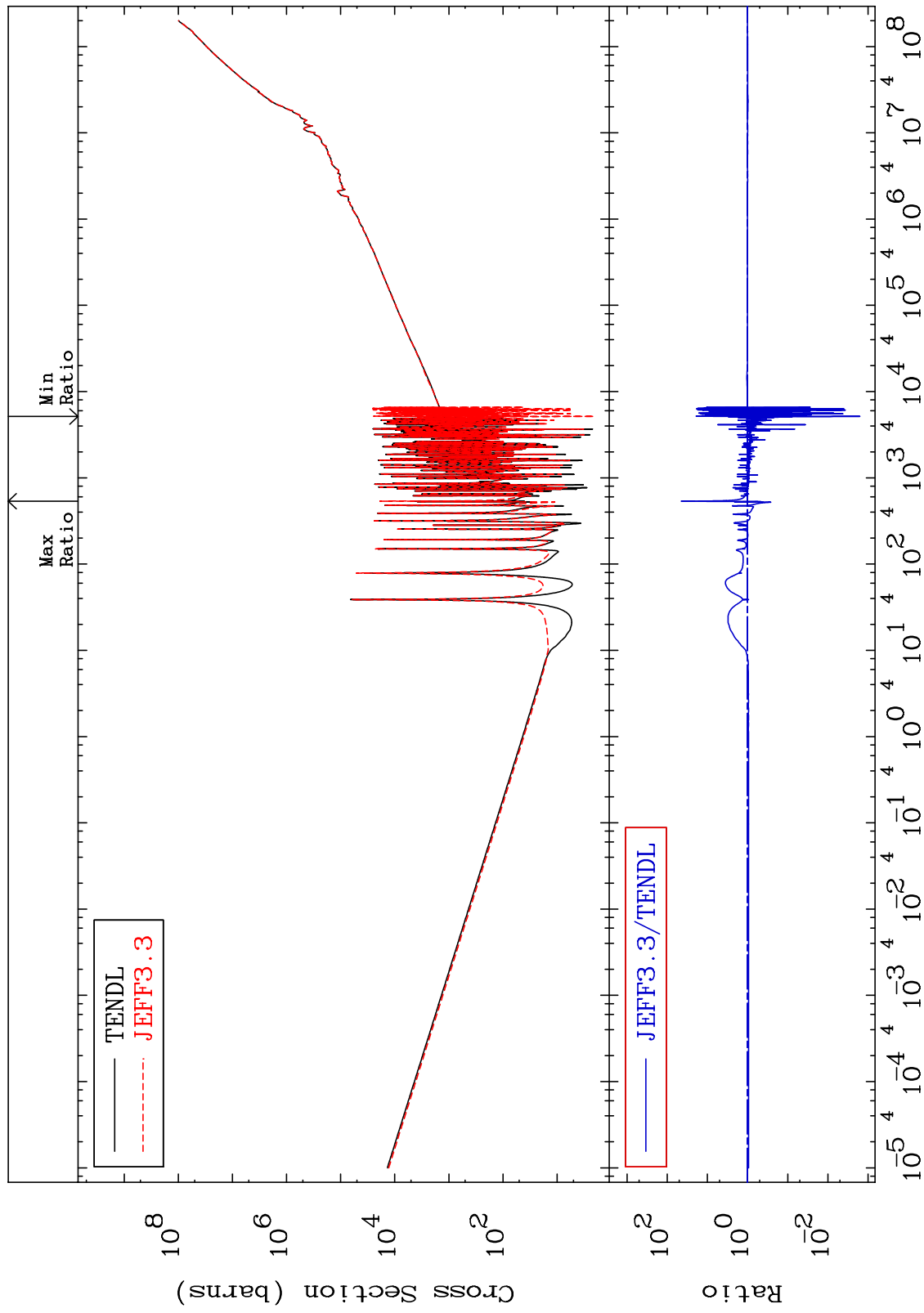
76-0s-188
-7.377 To 9999. %



MAT 7637

Kerma total (eV-barns)
Cross Section

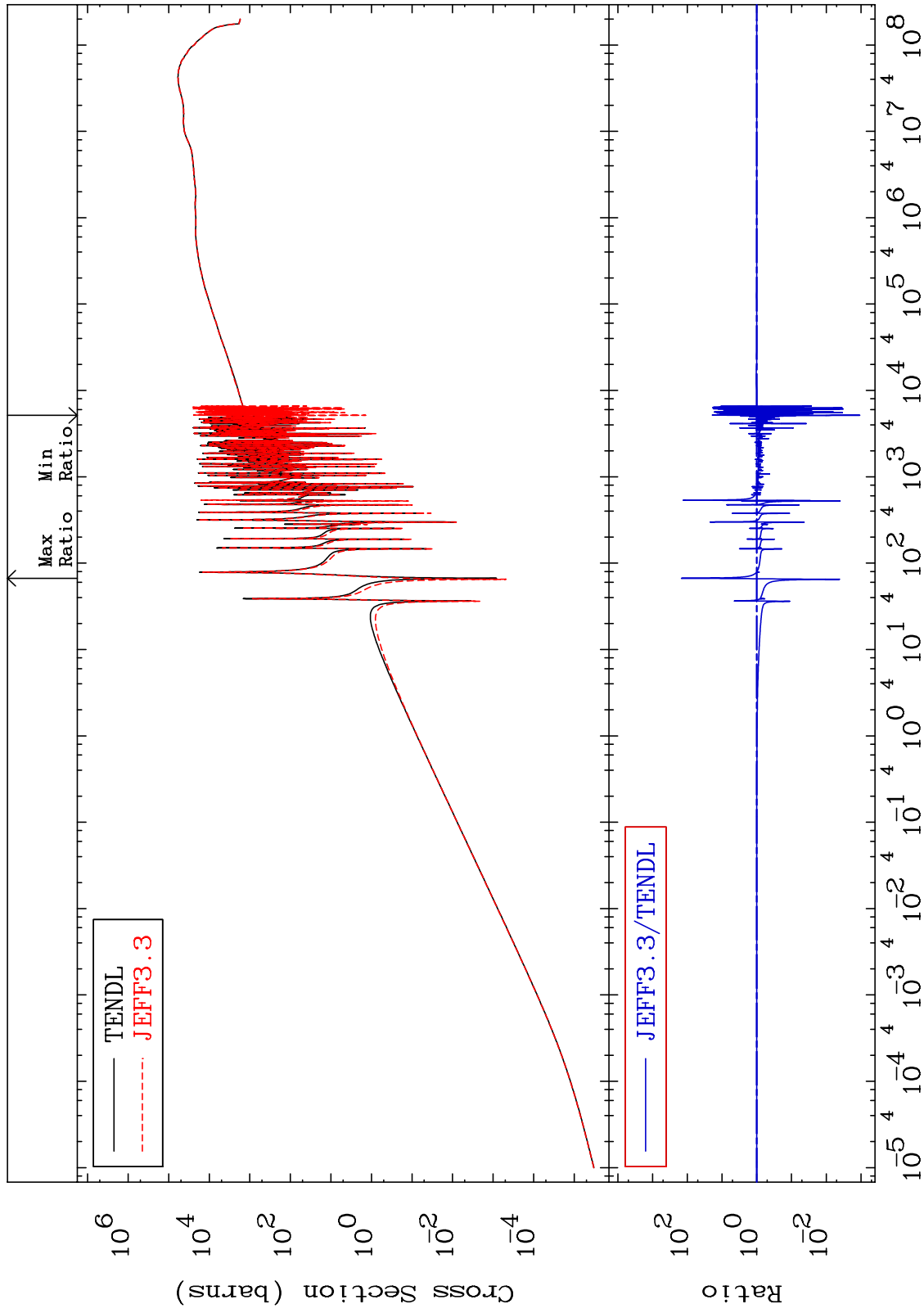
76-0s-188
-99.84 To 4312. %



MAT 7637

Kerma elastic
Cross Section

76-Os-188
-99.89 To 9999. %

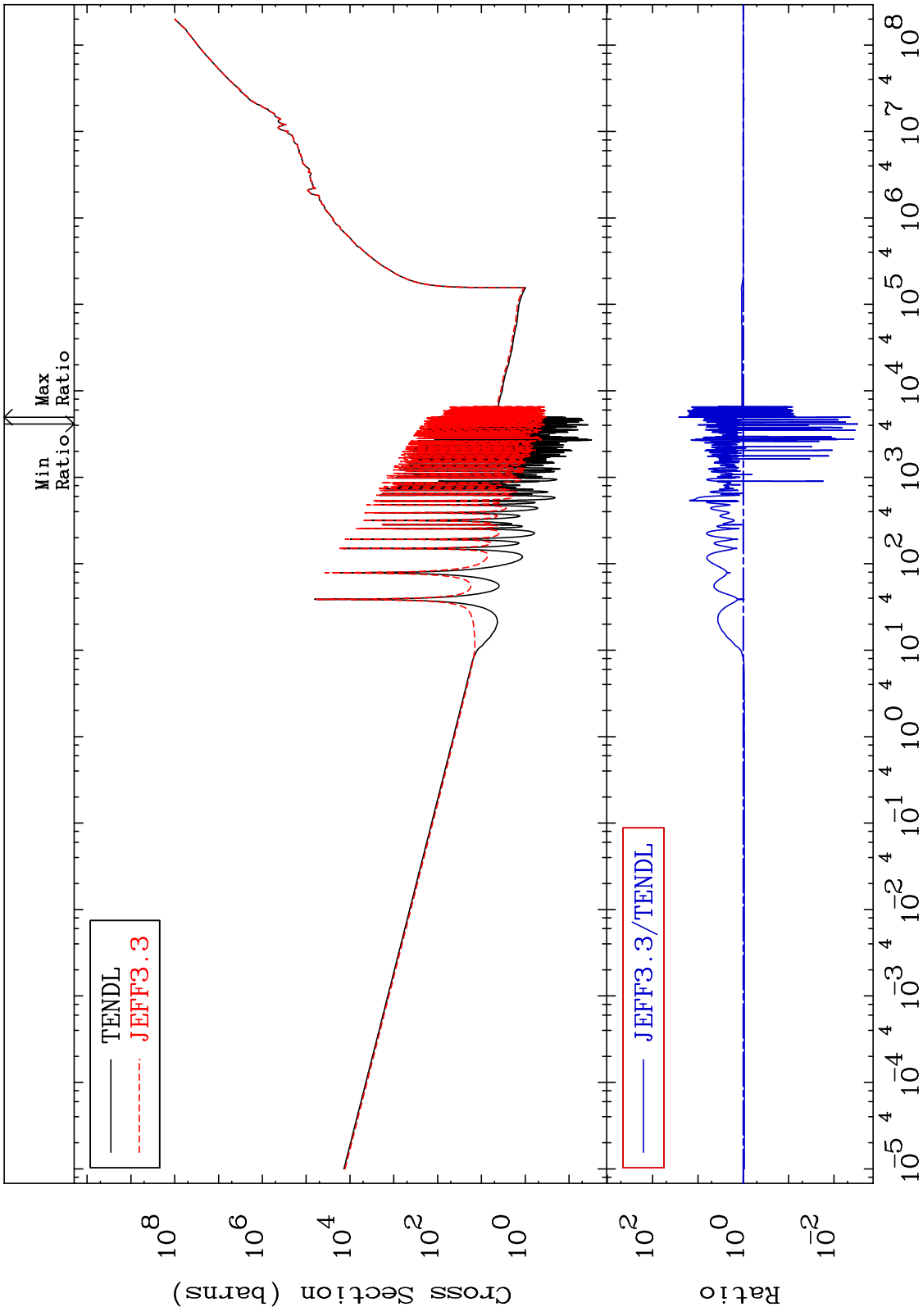


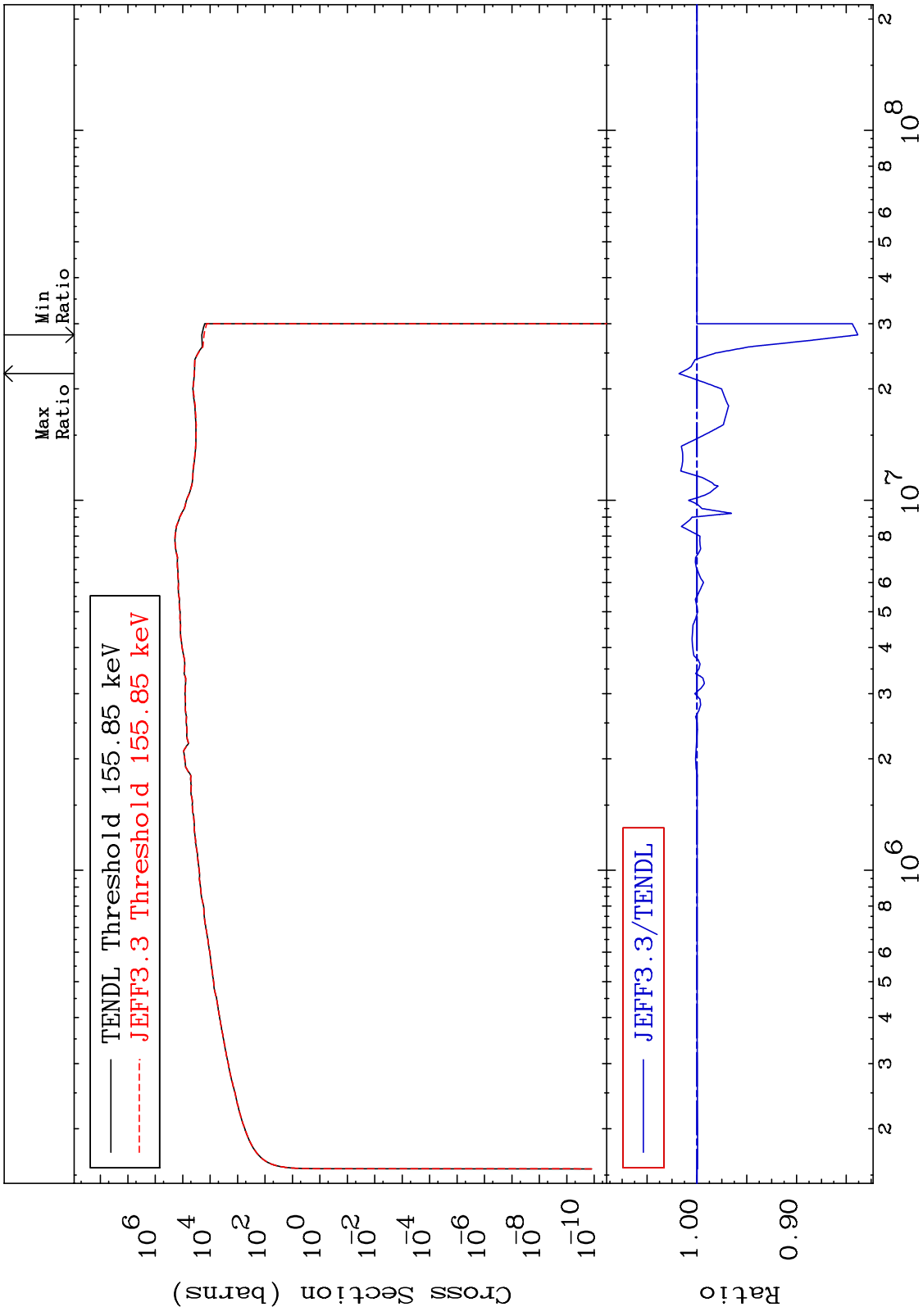
67

Incident Energy (eV)

76-Os-188

MAT 7637 Kerma non-elastic (all but mt2) 76-Os-188
 Cross Section -99.70 To 2506. %

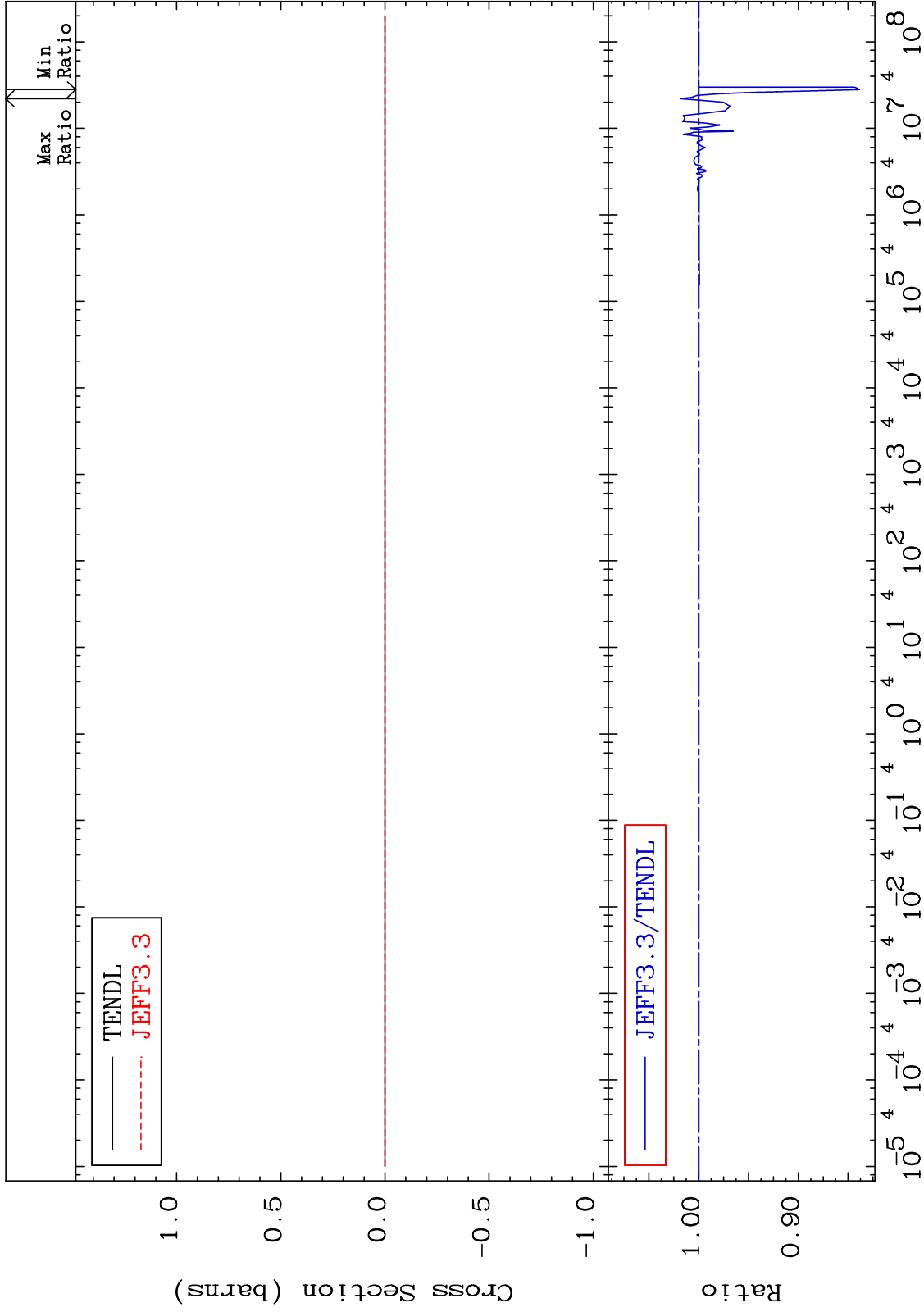




MAT 7637

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

76-0s-188
-16.16 To 1.796 %



70

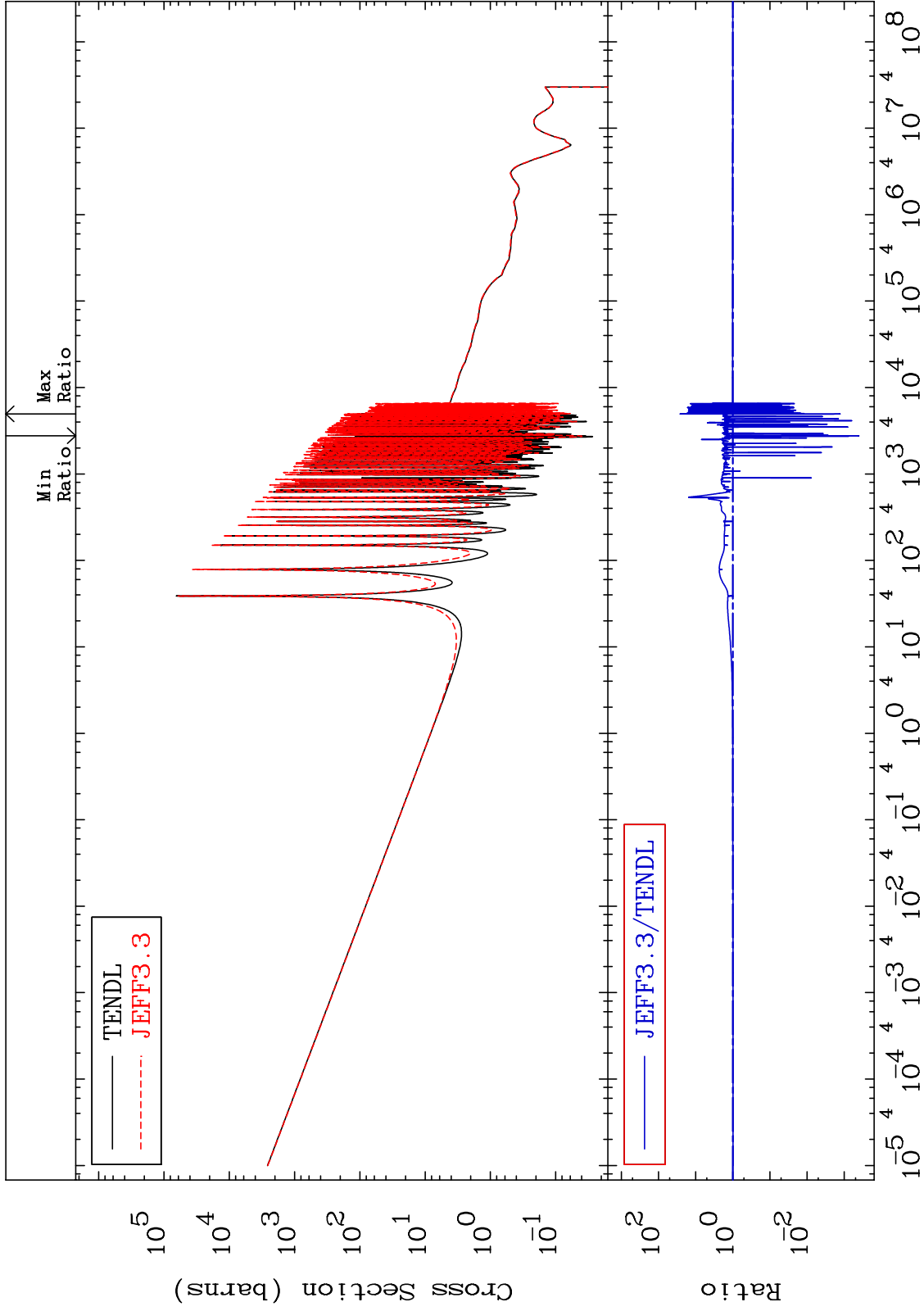
Incident Energy (eV)

76-0s-188

MAT 7637

Kerma capture (mt102)
Cross Section

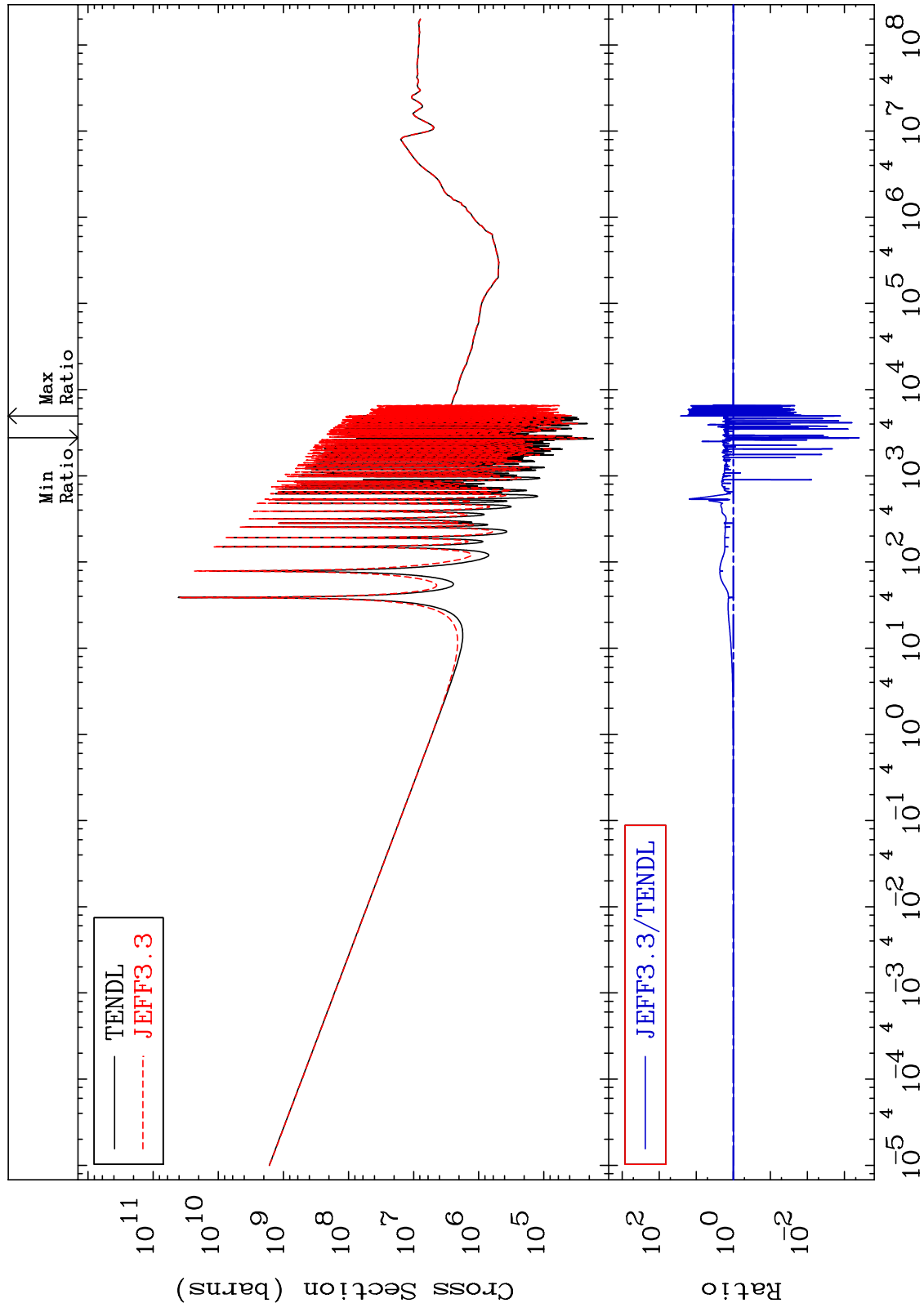
76-0s-188
-99.96 To 2502. %



MAT 7637

Total photon (eV-barns)
Cross Section

76-0s-188
-99.96 To 2502. %



72

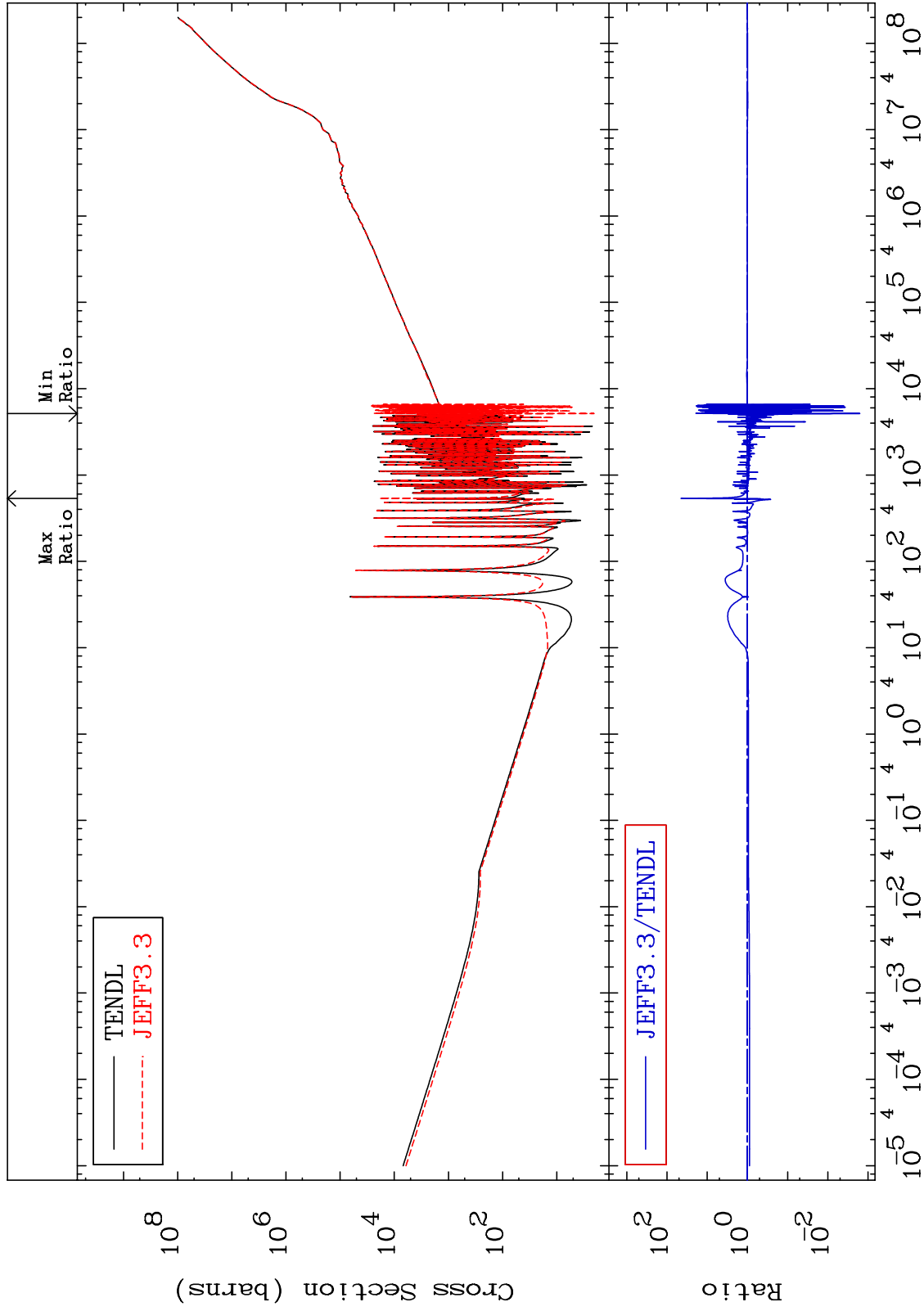
Incident Energy (eV)

76-0s-188

MAT 7637

Total kinematic kerma (high limit)
Cross Section

76-0s-188
-99.84 To 4312. %



73

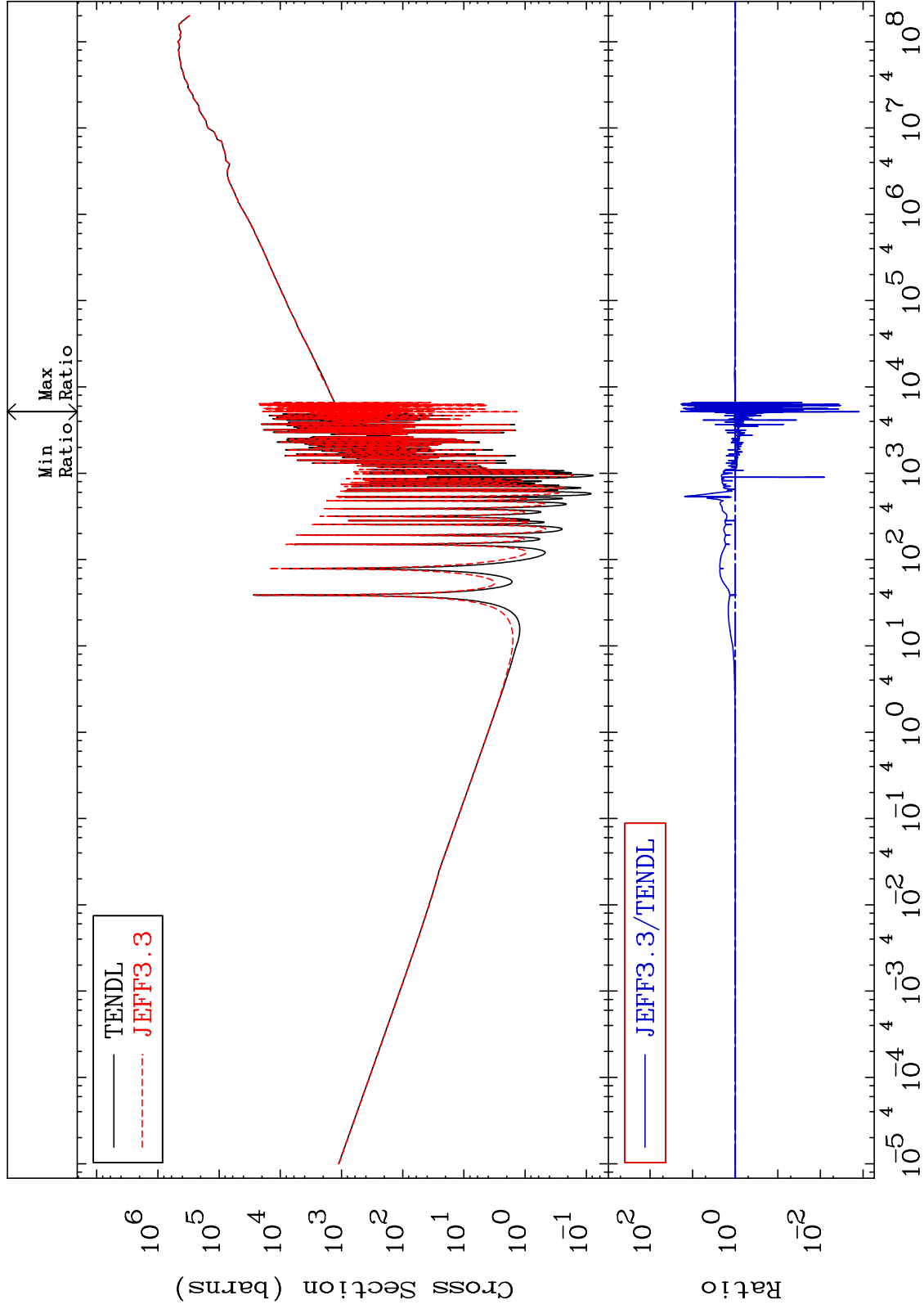
Incident Energy (eV)

76-0s-188

MAT 7637

Dpa total (eV-barns)
Cross Section

76-0s-188
-99.88 To 1815. %



74

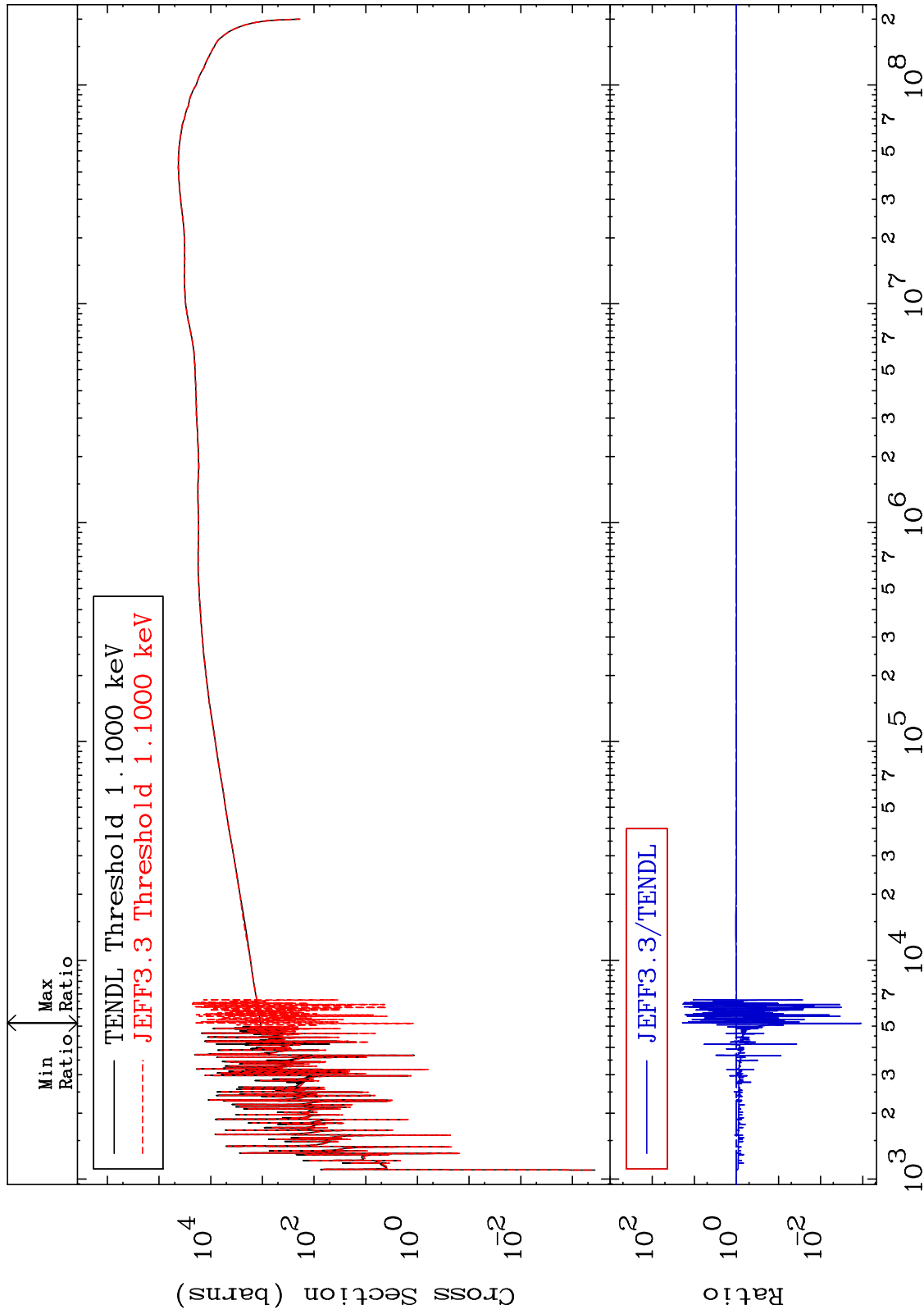
Incident Energy (eV)

76-0s-188

MAT 7637

Dpa elastic (mt2)
Cross Section

76-Os-188
-99.89 To 1816. %

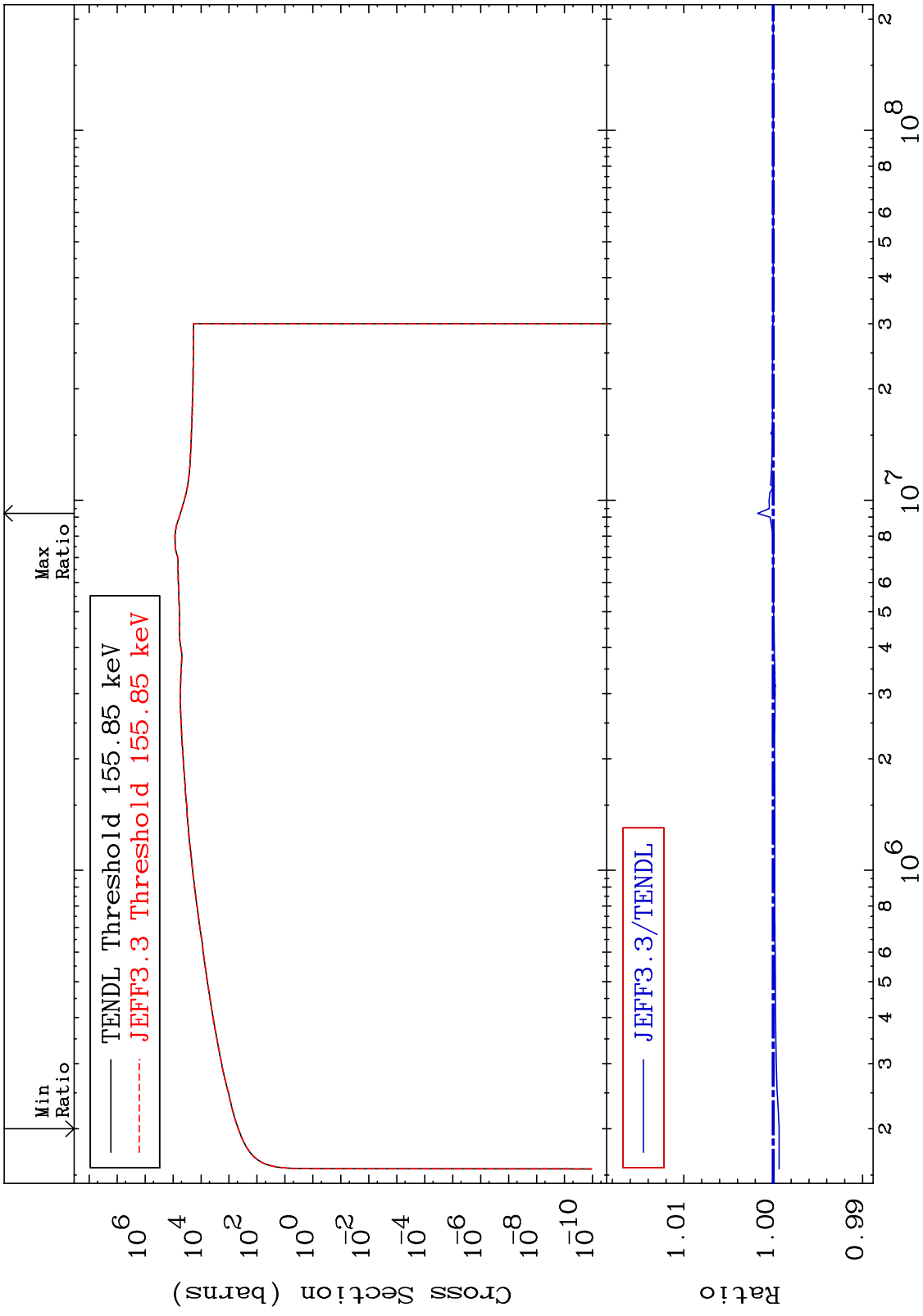


75

Incident Energy (eV)

76-Os-188

MAT 7637 Dpa inelastic (mt51-91) 76-Os-188
Cross Section -0.066 To 0.174 %

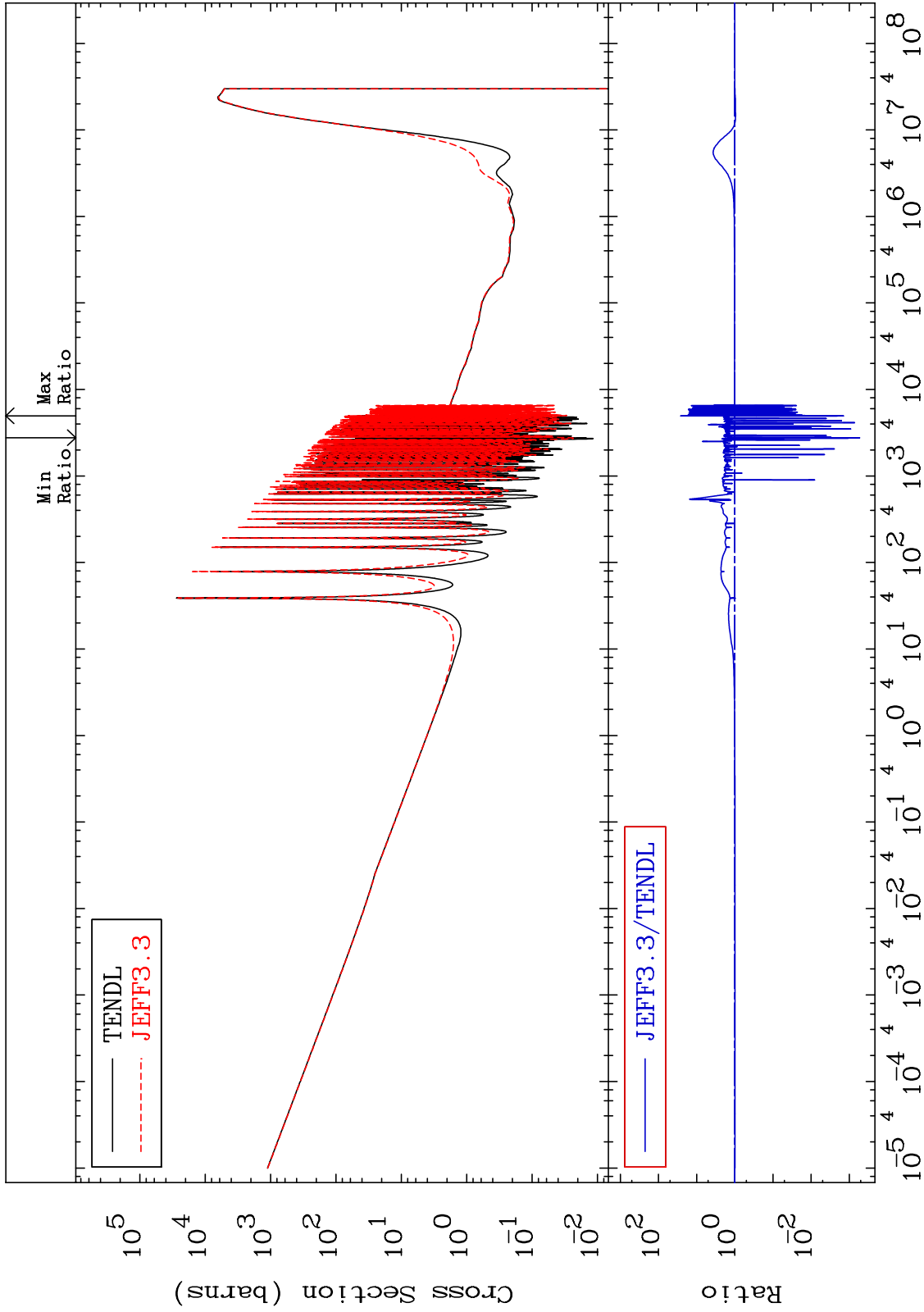


76 76-Os-188

MAT 7637

Dpa disappearance (mt102 -120)
Cross Section

76-0s-188
-99.95 To 2502. %



77

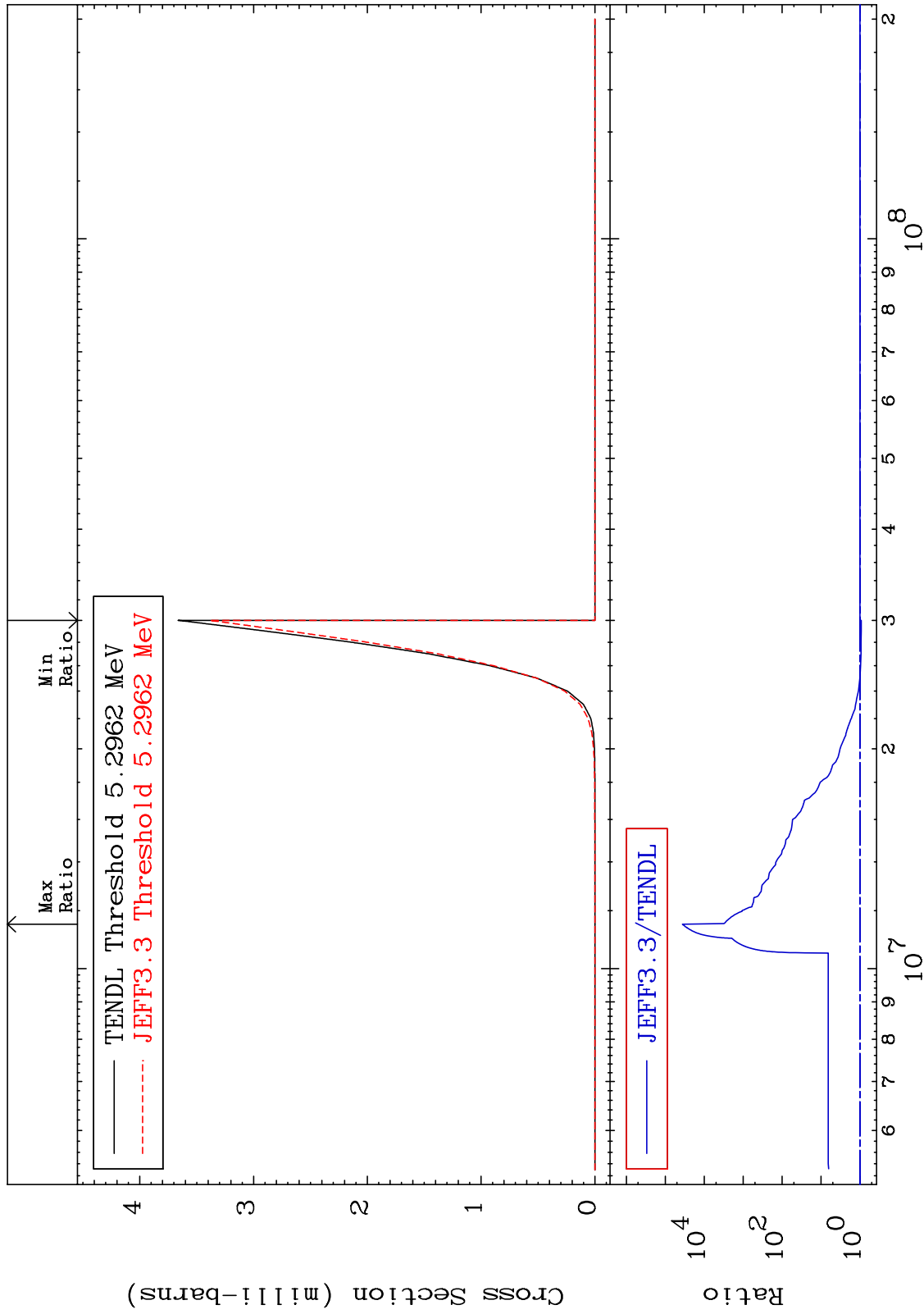
Incident Energy (eV)

76-0s-188

MAT 7637

(n,2n) α : 74-W -183g
Radionuclide Production Cross Section -7.484 To 9999. %

76-Os-188



78

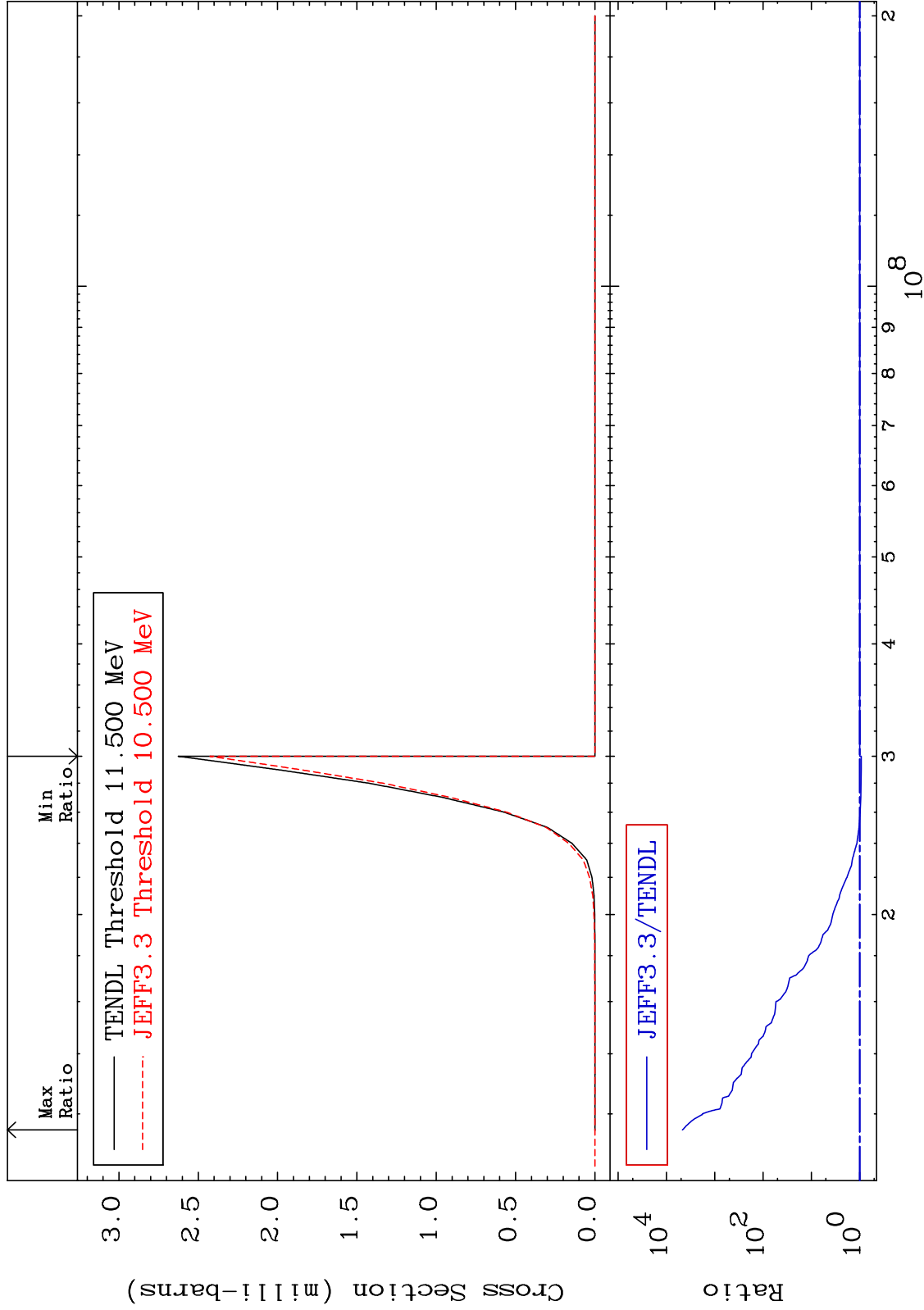
76-Os-188

MAT 7637

(n,2n) α :74-W -183m7

76-Os-188

Radionuclide Production Cross Section -7.612 To 9999. %



79

Incident Energy (eV)

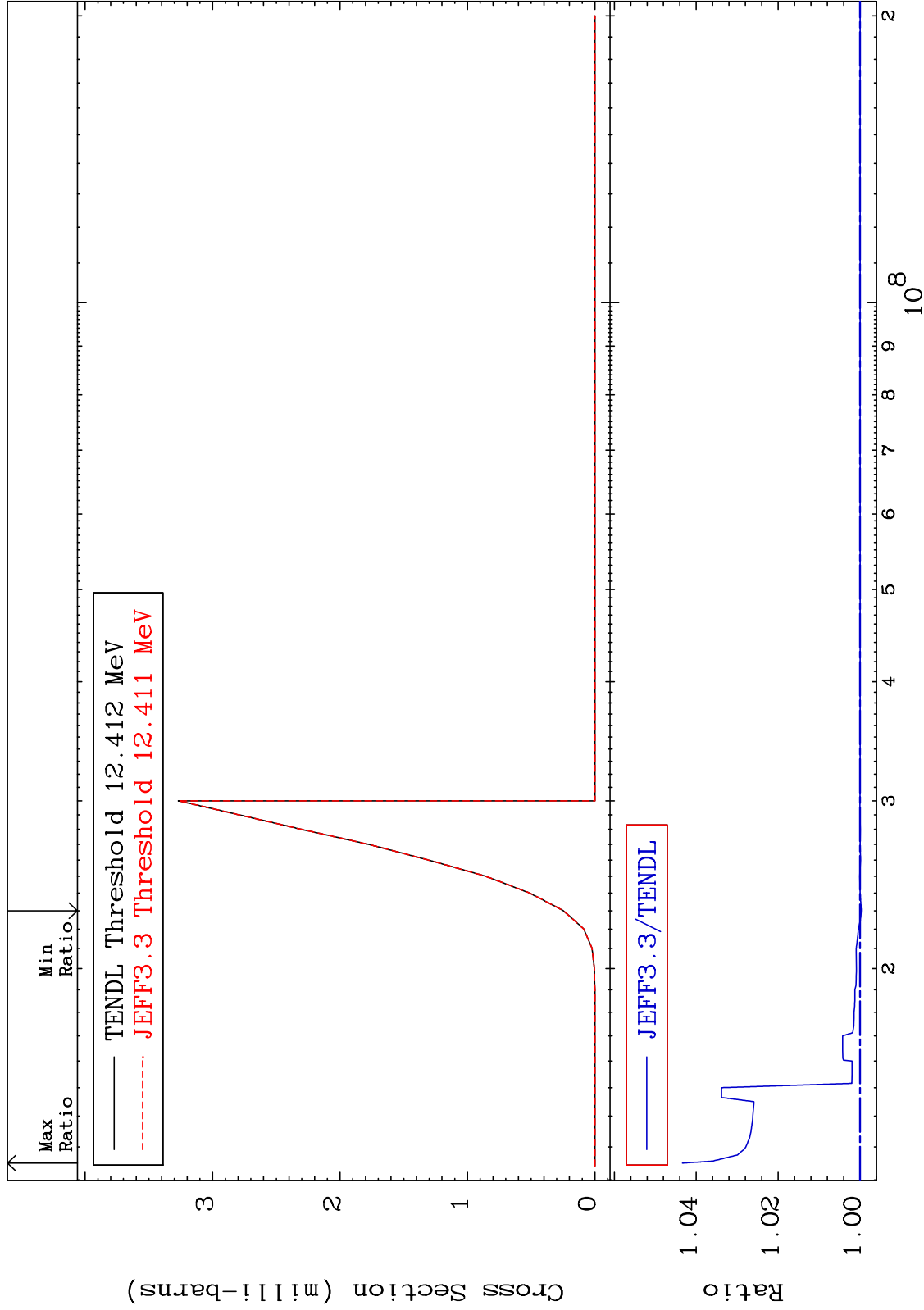
76-Os-188

MAT 7637

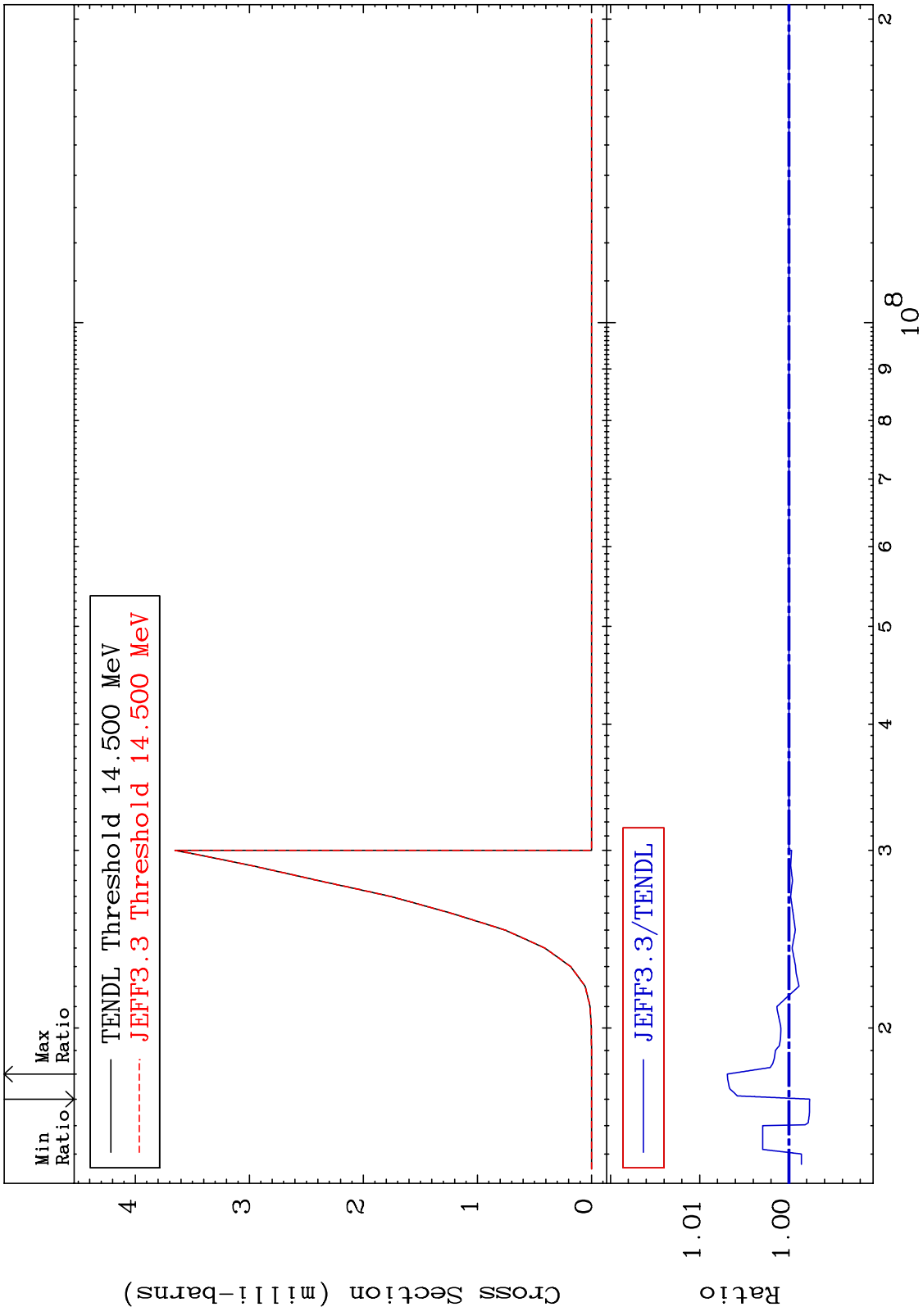
(n, n') d:75-Re-186g

76-0s-188

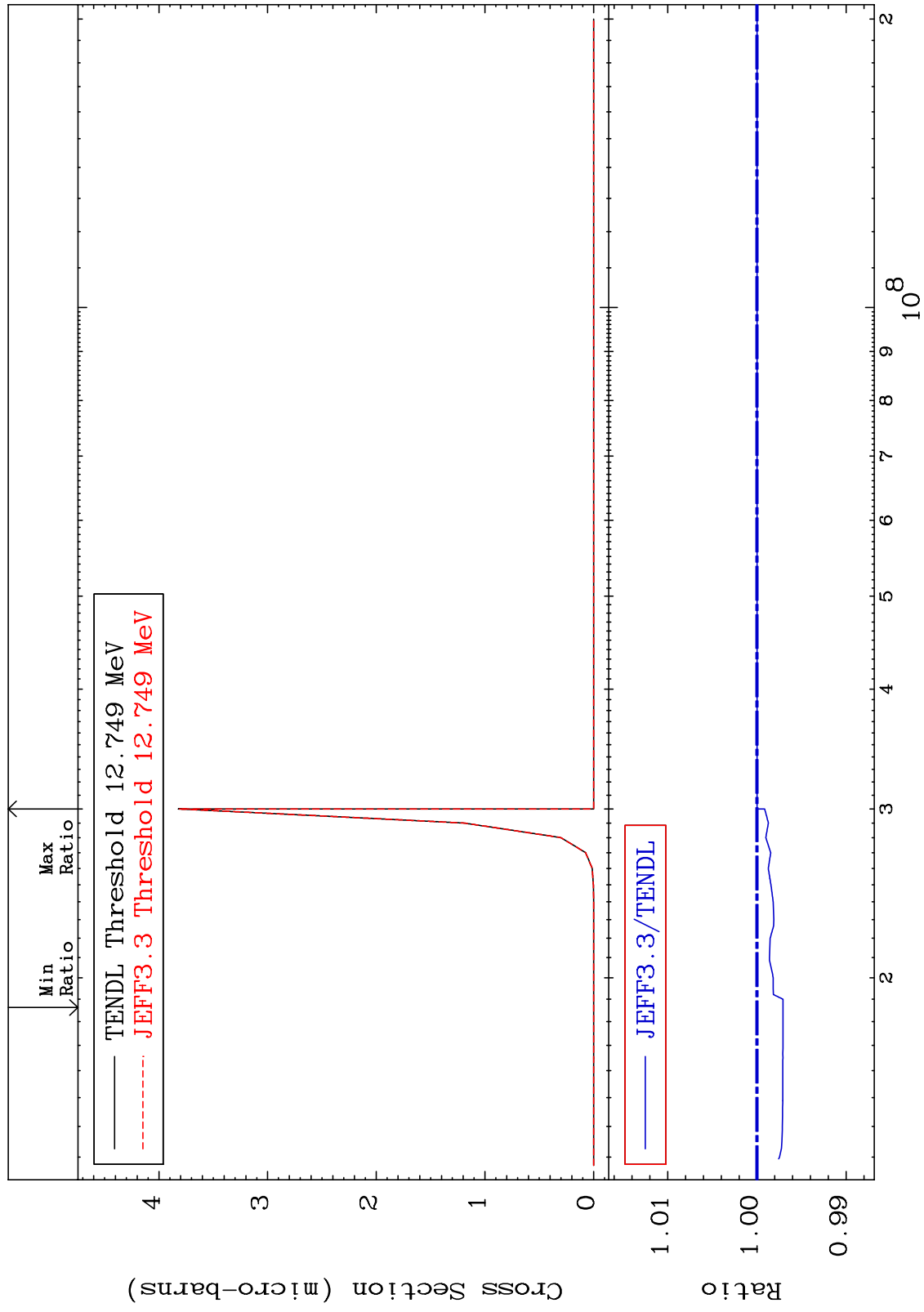
Radionuclide Production Cross Section -0.030 To 4.336 %



MAT 7637 (n,n') d:75-Re-186m4 76-0s-188
 Radionuclide Production Cross Section -0.232 To 0.691 %



MAT 7637 (n,n') He-3:74-W -185g 76-0s-188
Radionuclide Production Cross Section -0.292 To 0.000 %

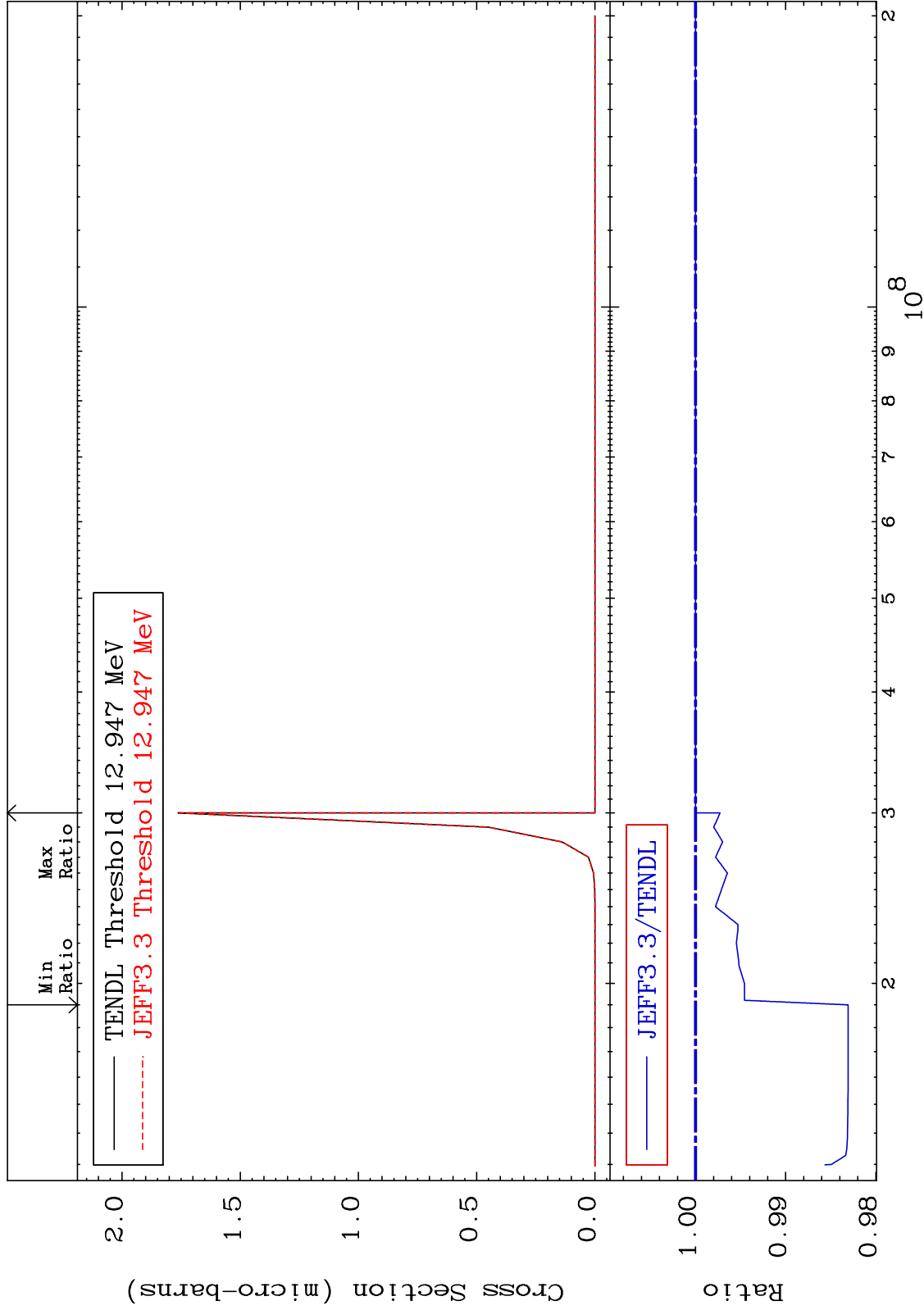


MAT 7637

(n, n') He-3:74-W -185m6

76-0s-188

Radionuclide Production Cross Section -1.693 To 0.000 %



83

Incident Energy (eV)

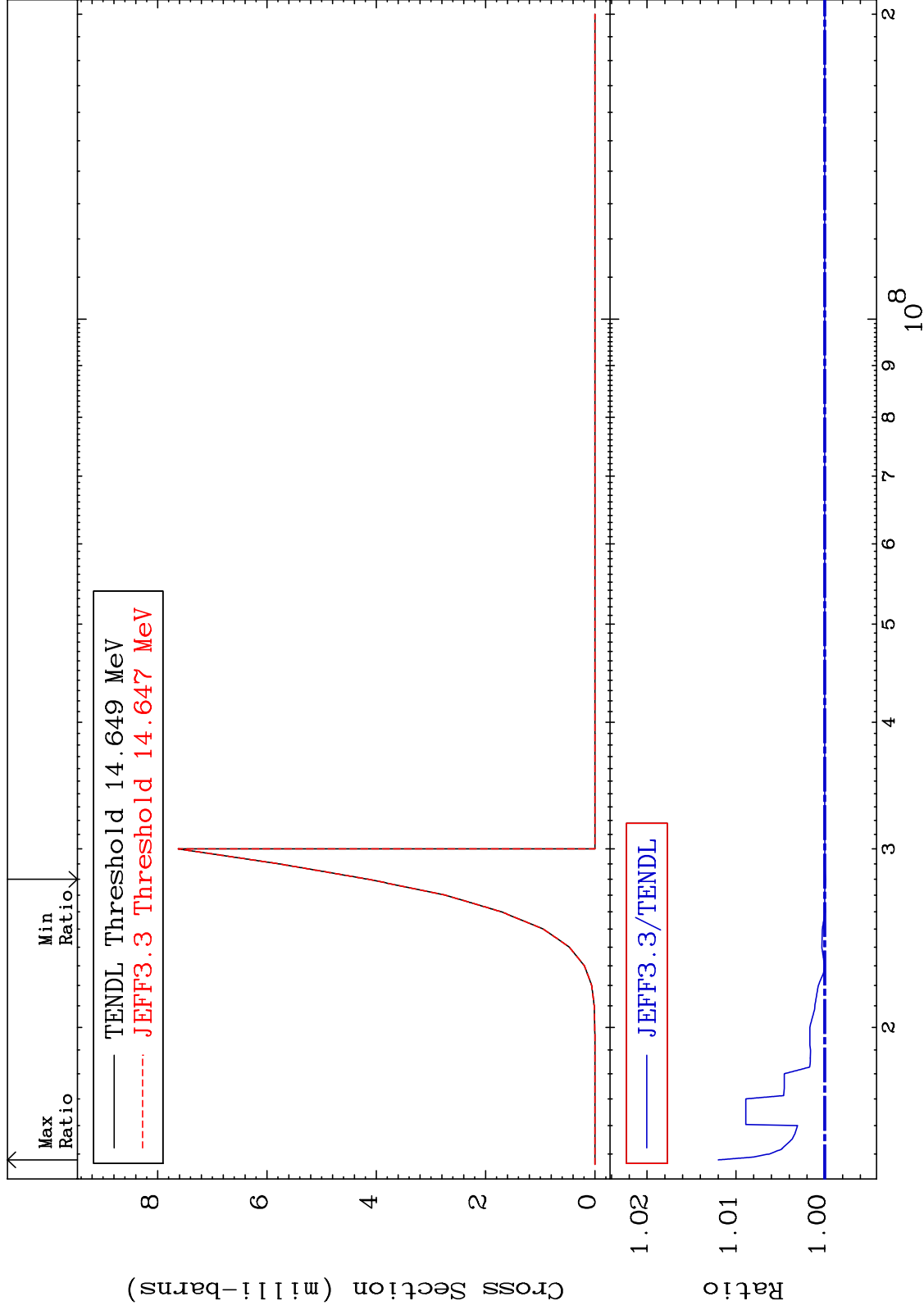
76-0s-188

MAT 7637

(n,2n) p:75-Re-186g

76-0s-188

Radionuclide Production Cross Section -0.007 To 1.198 %

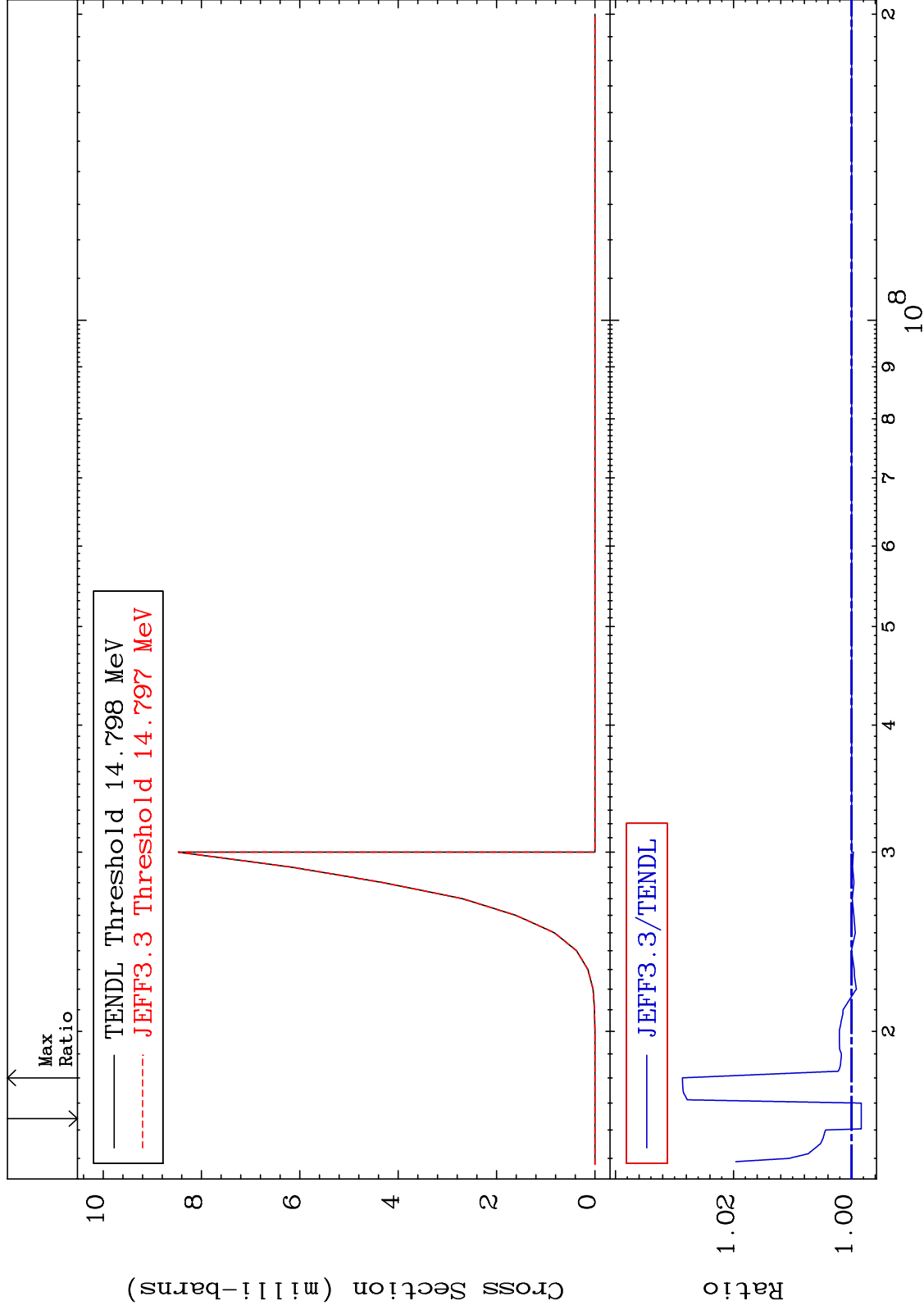


MAT 7637

(n,2n) p:75-Re-186m4

76-0s-188

Radionuclide Production Cross Section -0.165 To 2.866 %



85

Incident Energy (eV)

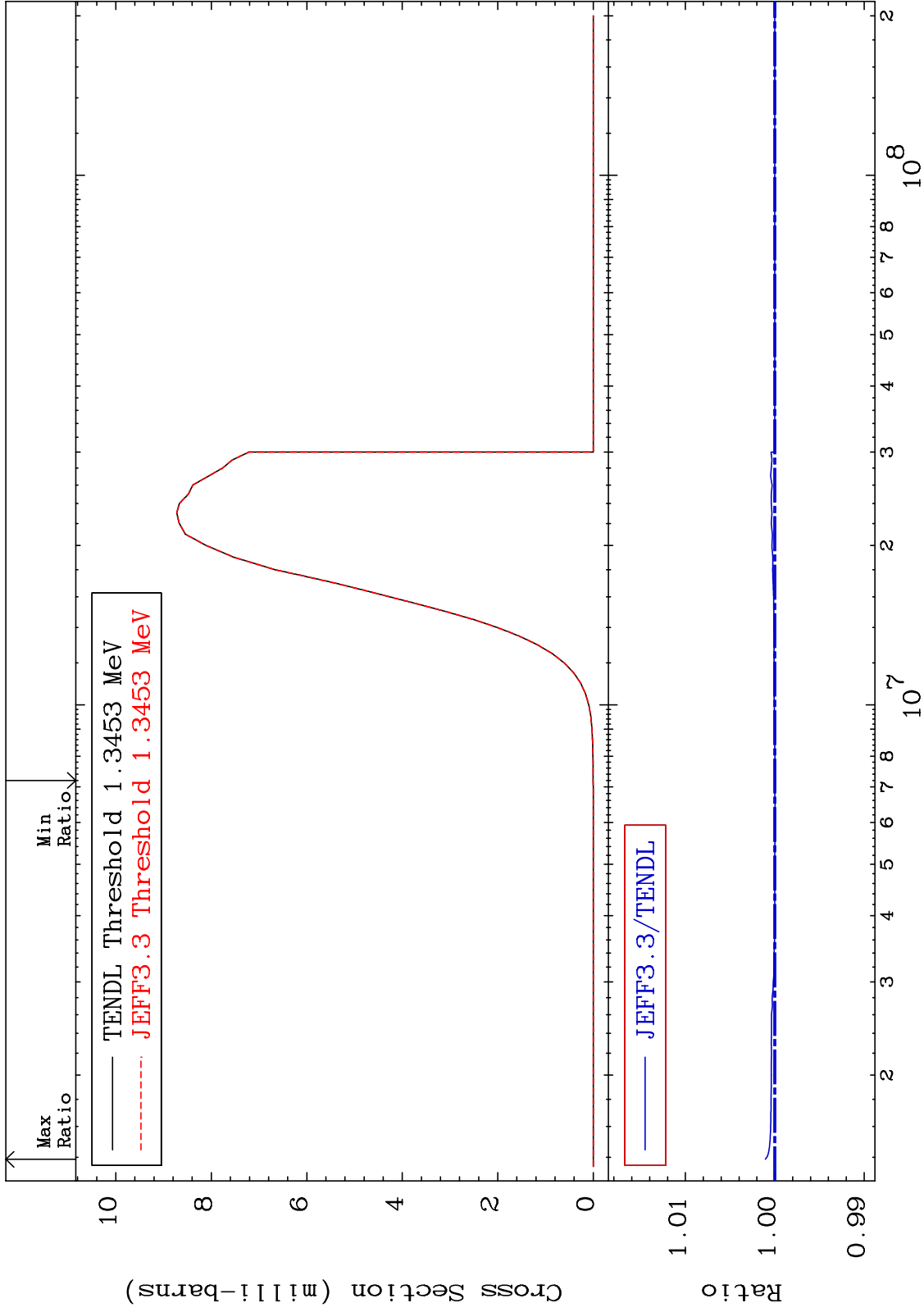
76-0s-188

MAT 7637

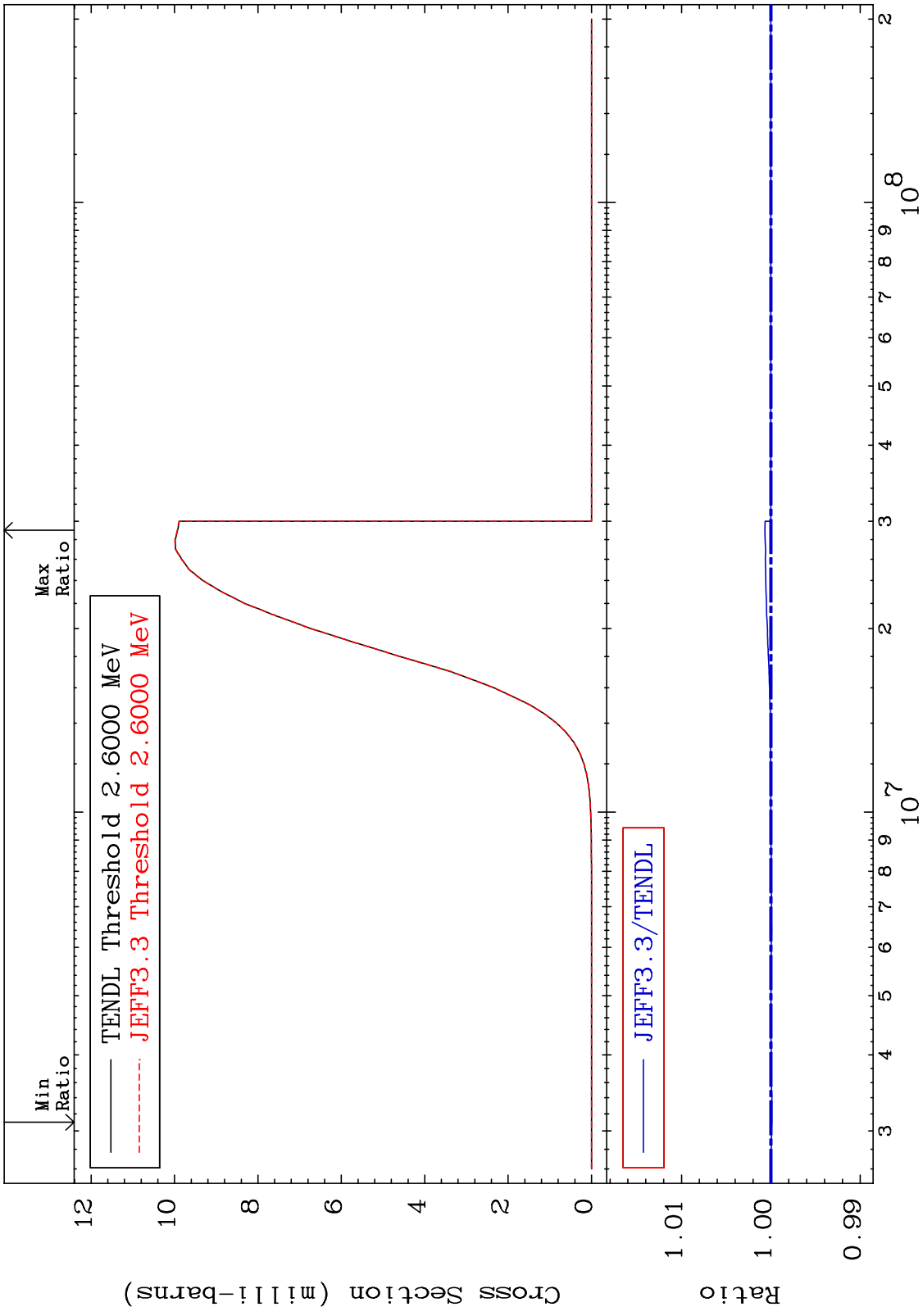
(n,p):75-Re-188g

76-Os-188

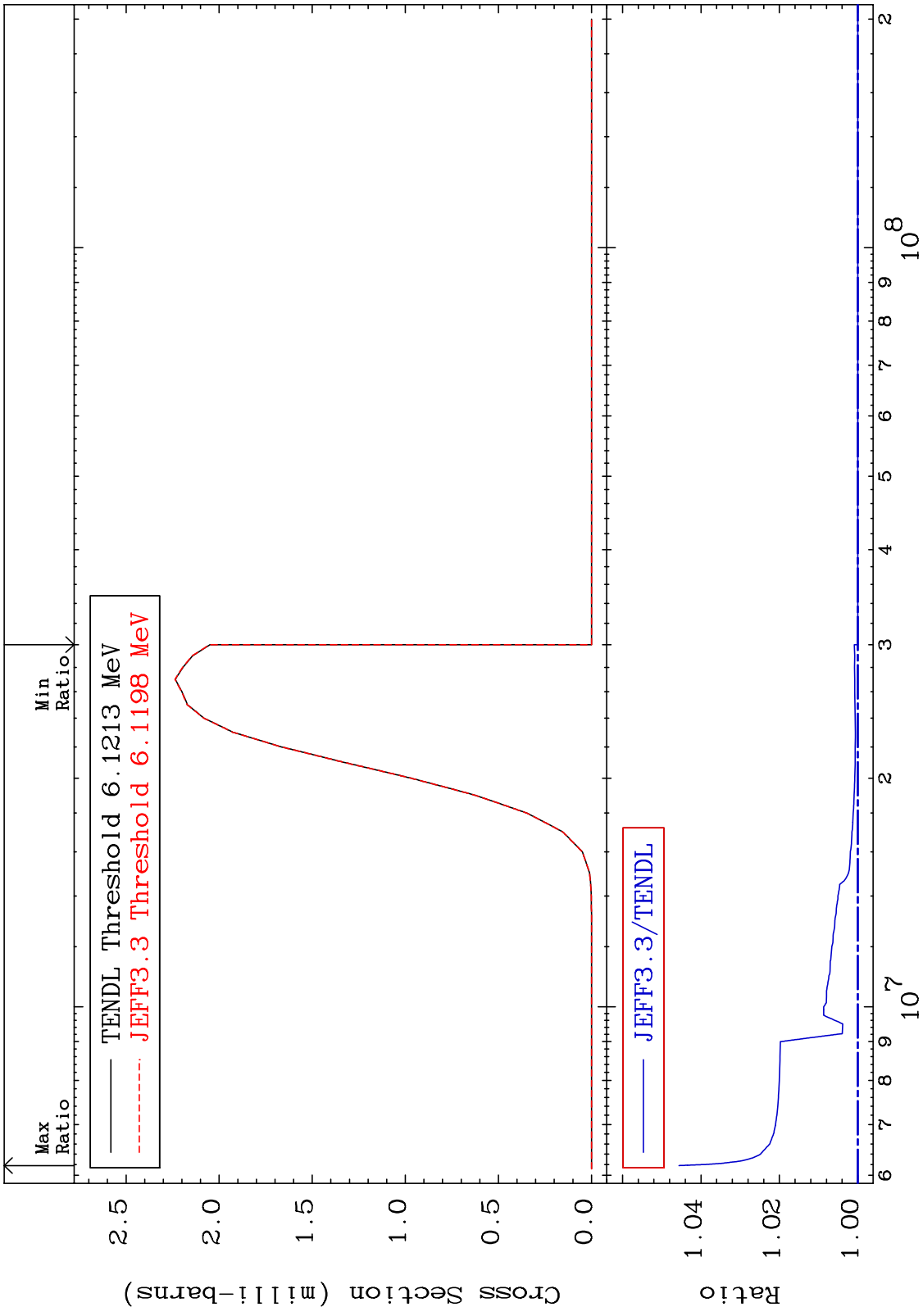
Radionuclide Production Cross Section -0.004 To 0.106 %



MAT 7637 (n,p):75-Re-188m7 76-0s-188
 Radionuclide Production Cross Section -0.011 To 0.066 %



MAT 7637 (n,t):75-Re-186g 76-0s-188
 Radionuclide Production Cross Section 0.000 To 4.559 %



MAT 7637 (n, t): 75-Re-186m4 76-Os-188
 Radionuclide Production Cross Section 0.000 To 43.75 %

