

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

MAT 7631

Total

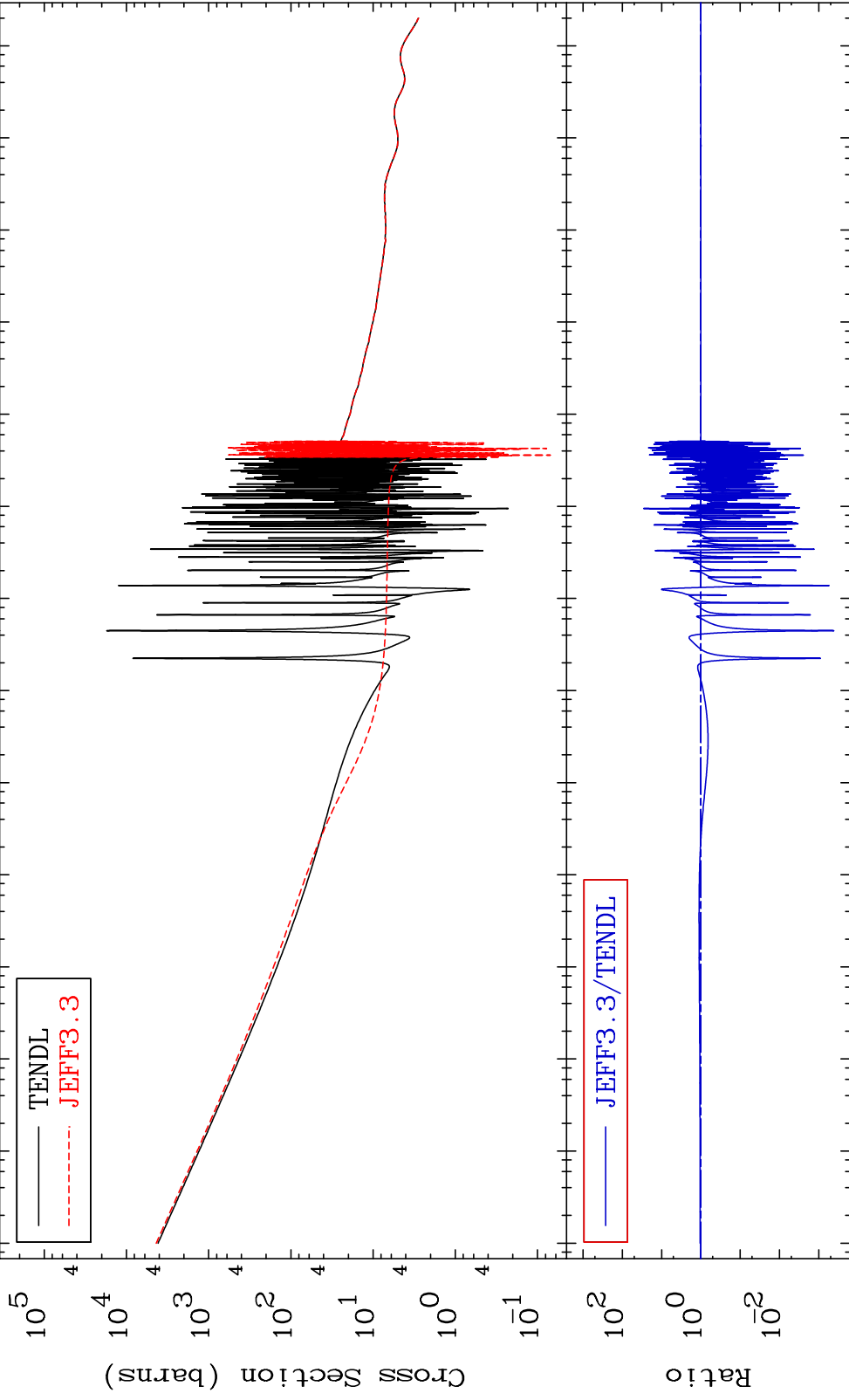
76-0s-186

-99.96 To 2769. %

Cross Section

Min Ratio

Max Ratio



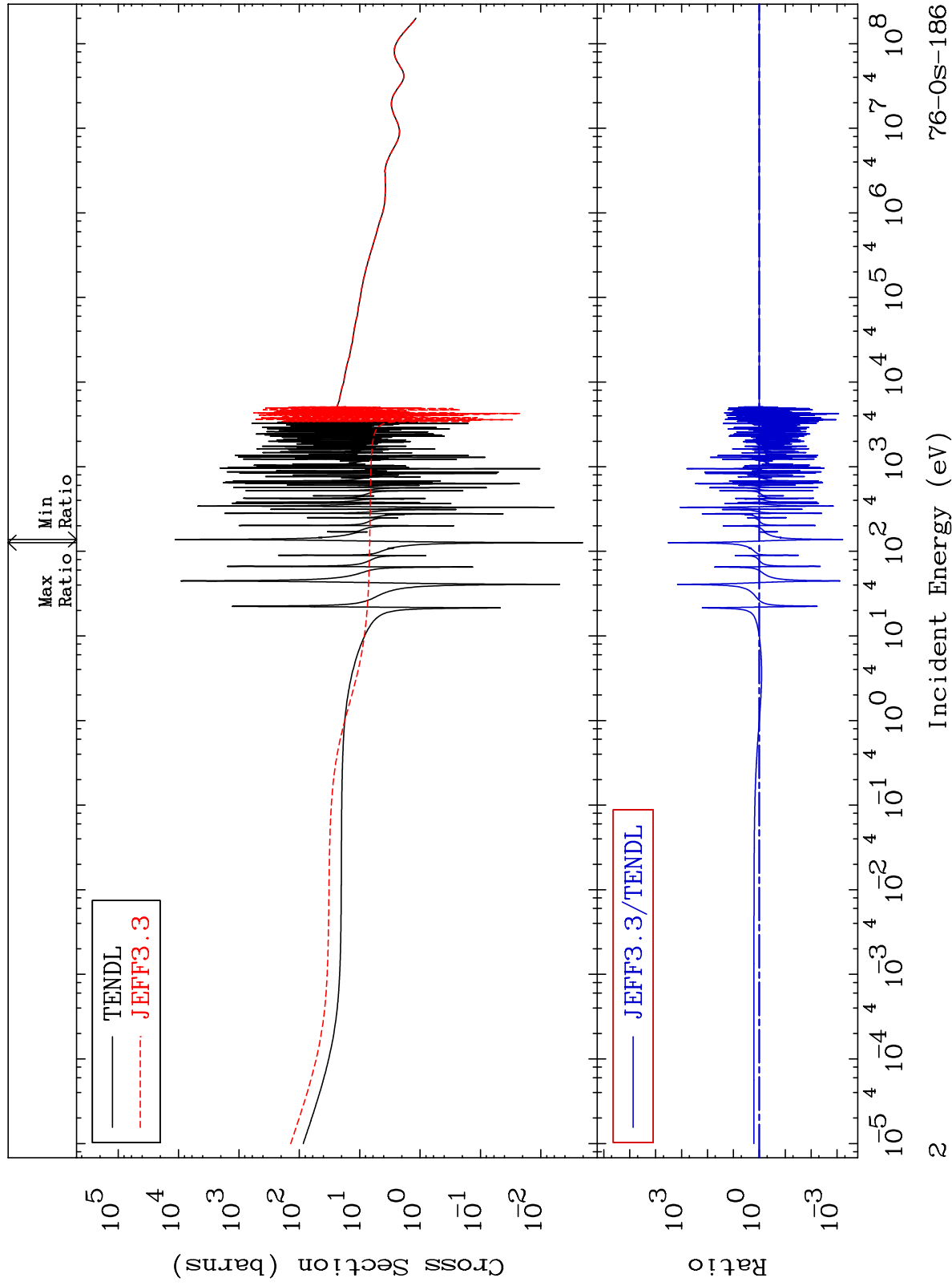
76-0s-186

Incident Energy (eV)

MAT 7631

Elastic
Cross Section

76-0s-186
-99.94 To 9999. %



76-0s-186

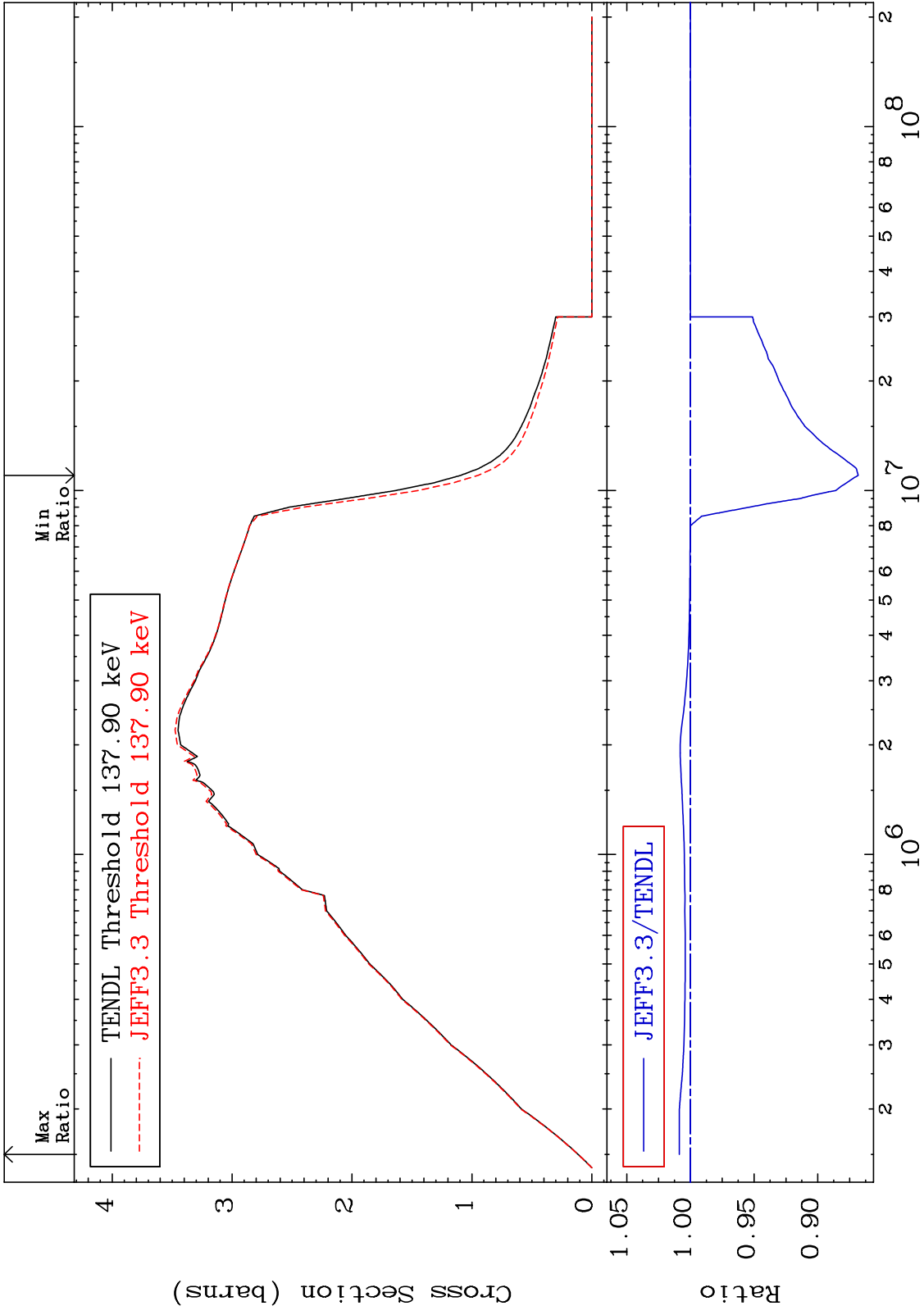
Incident Energy (eV)

MAT 7631

Inelastic
Cross Section

76-0s-186

-13.18 To 0.867 %



MAT 7631

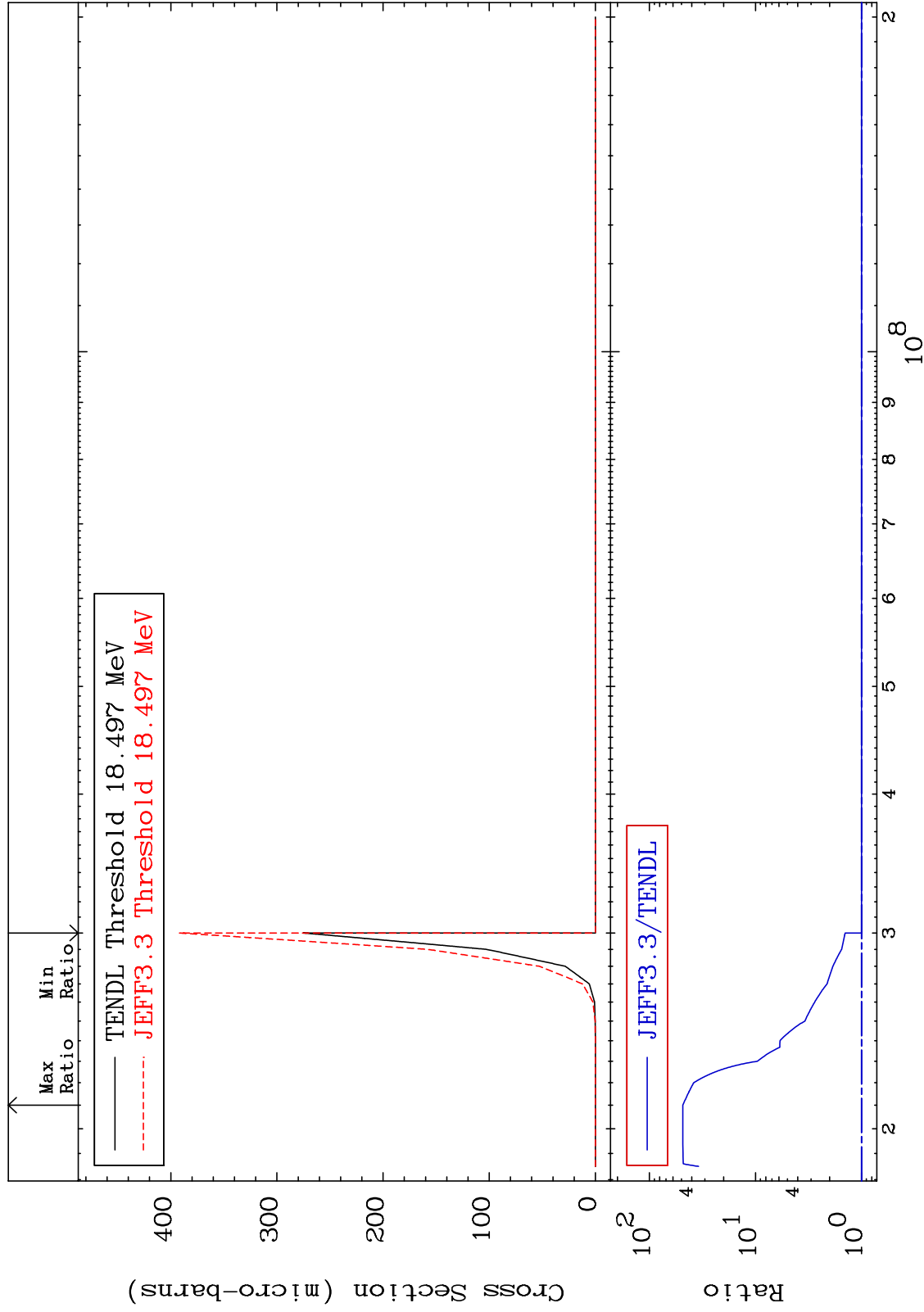
(n,2n) d

76-0s-186

Cross Section

0.000

To 4741. %



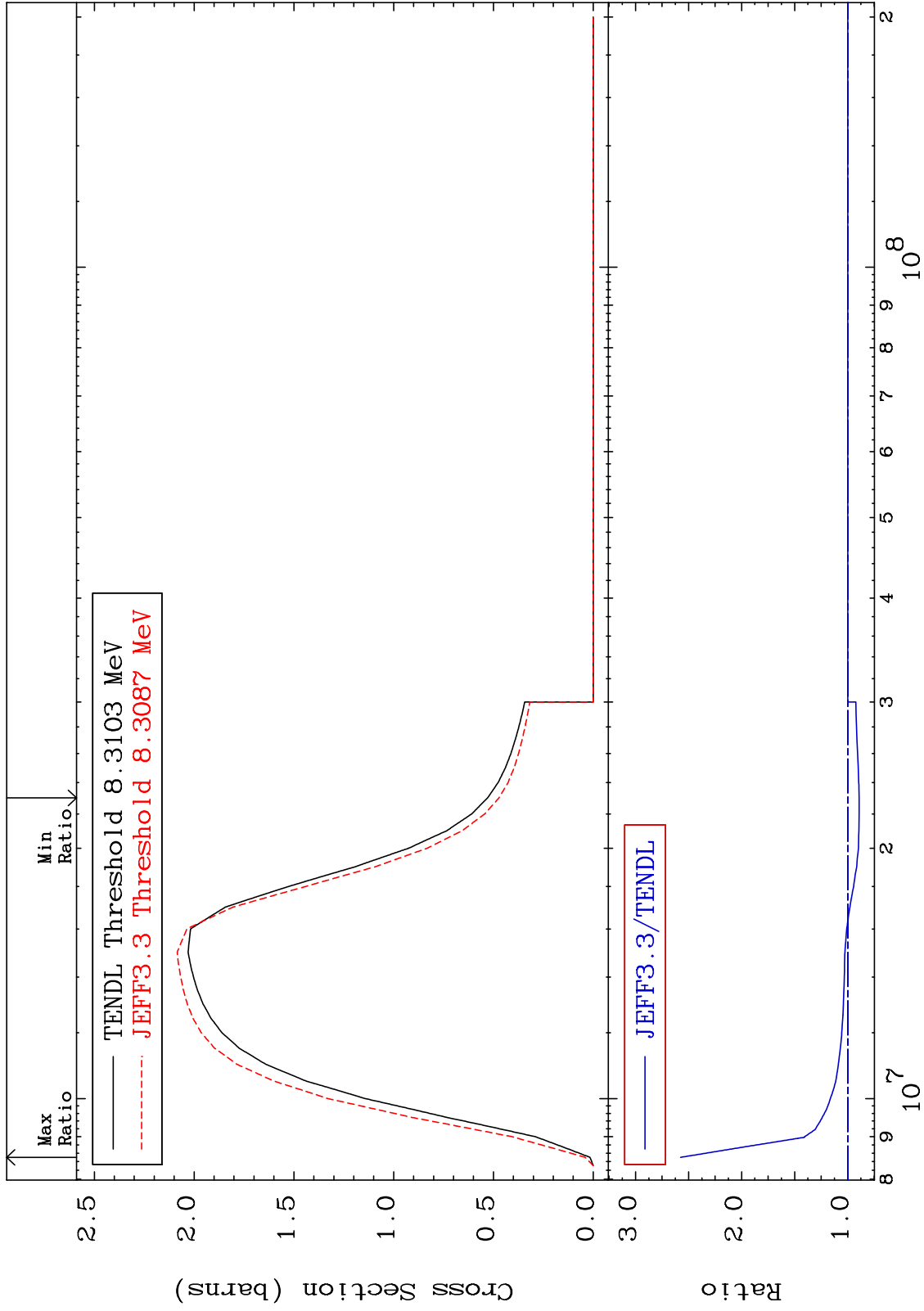
MAT 7631

(n,2n)

76-0s-186

Cross Section

-10.81 To 157.5 %



Incident Energy (eV)

76-0s-186

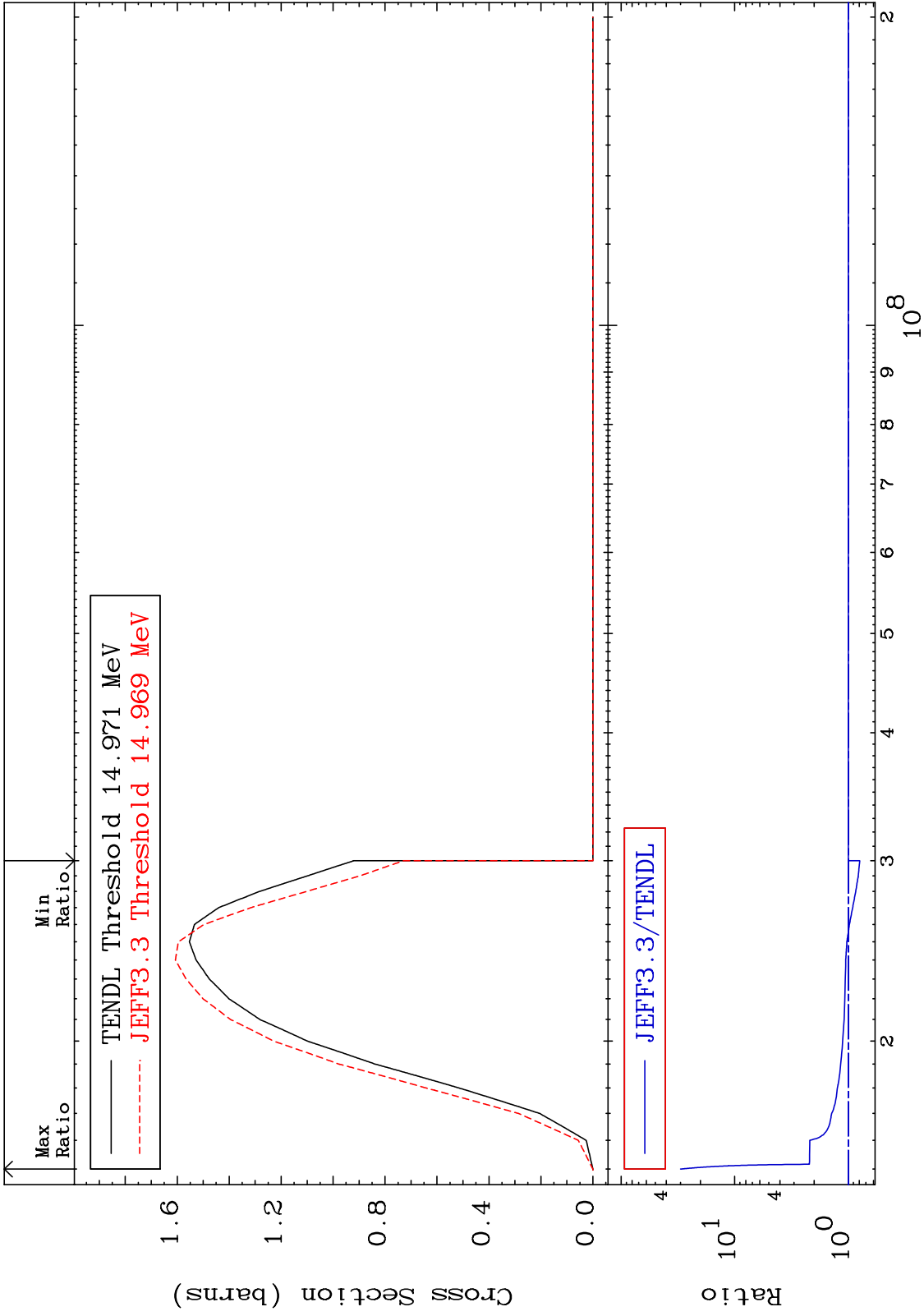
MAT 7631

(n,3n)

76-0s-186

Cross Section

-20.85 To 2897. %



6

Incident Energy (eV)

76-0s-186

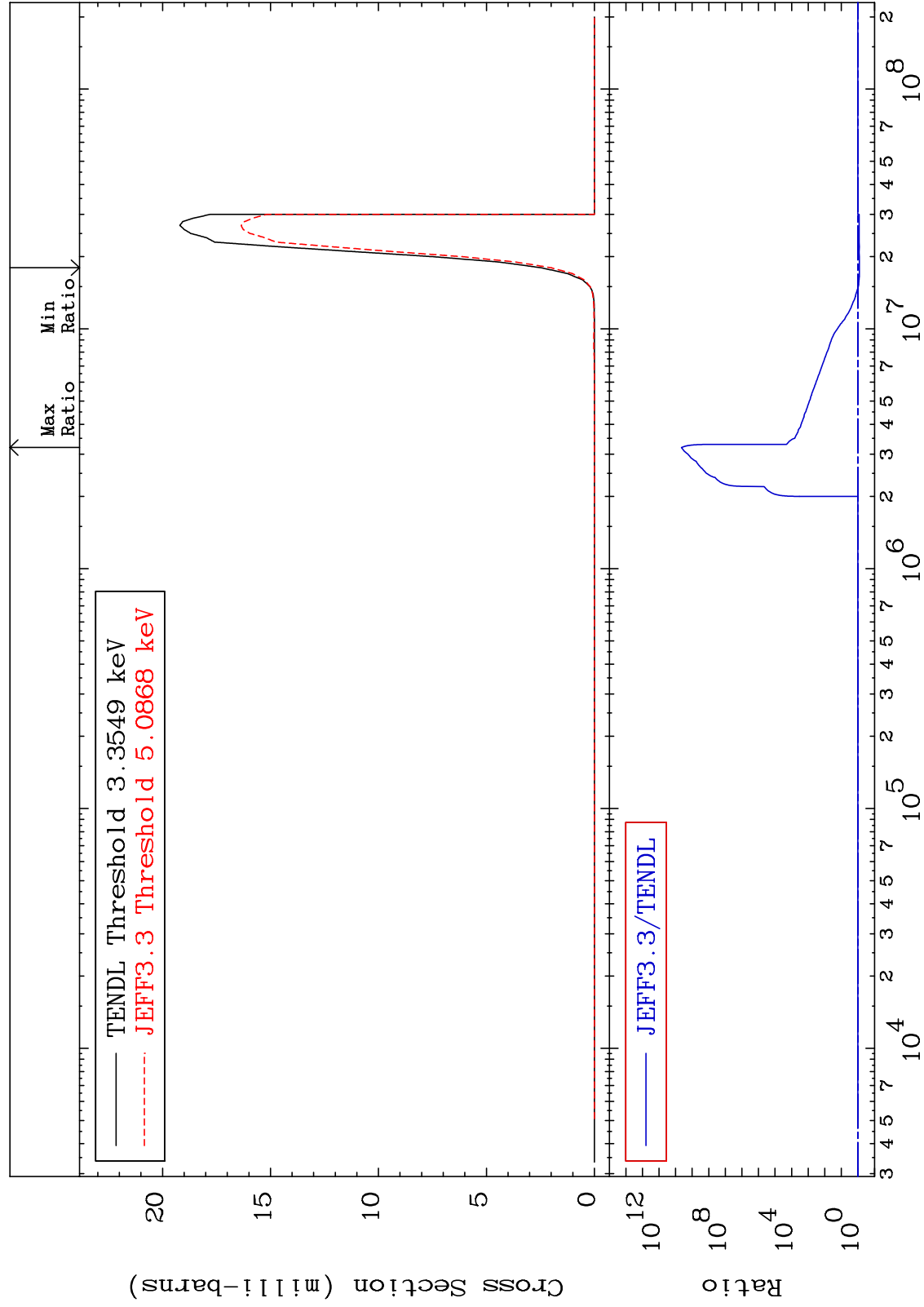
MAT 7631

(n,n') α

76-0s-186

Cross Section

-18.60 To 9999. %



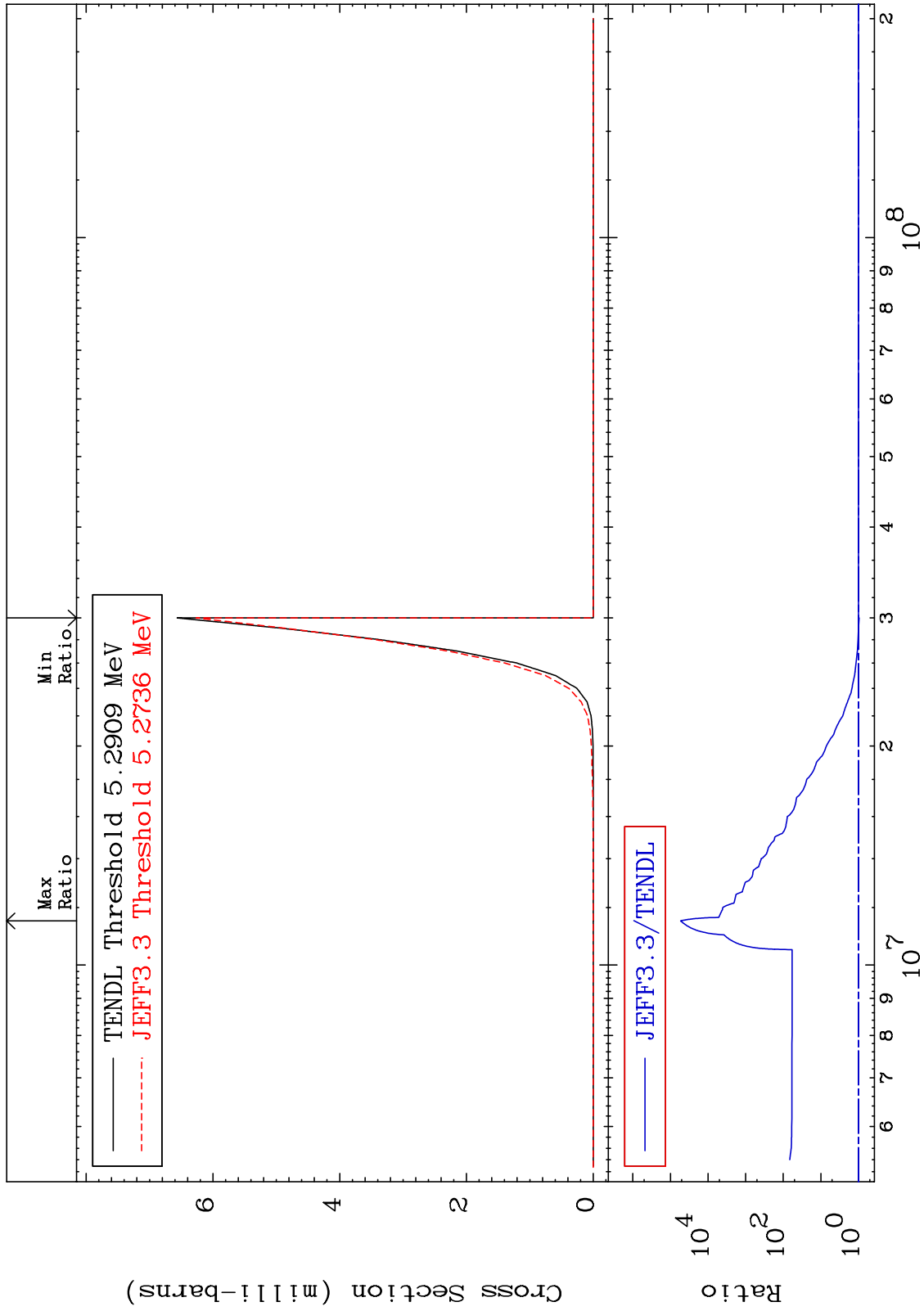
MAT 7631

(n,2n) α

76-0s-186

-4.541 To 9999. %

Cross Section



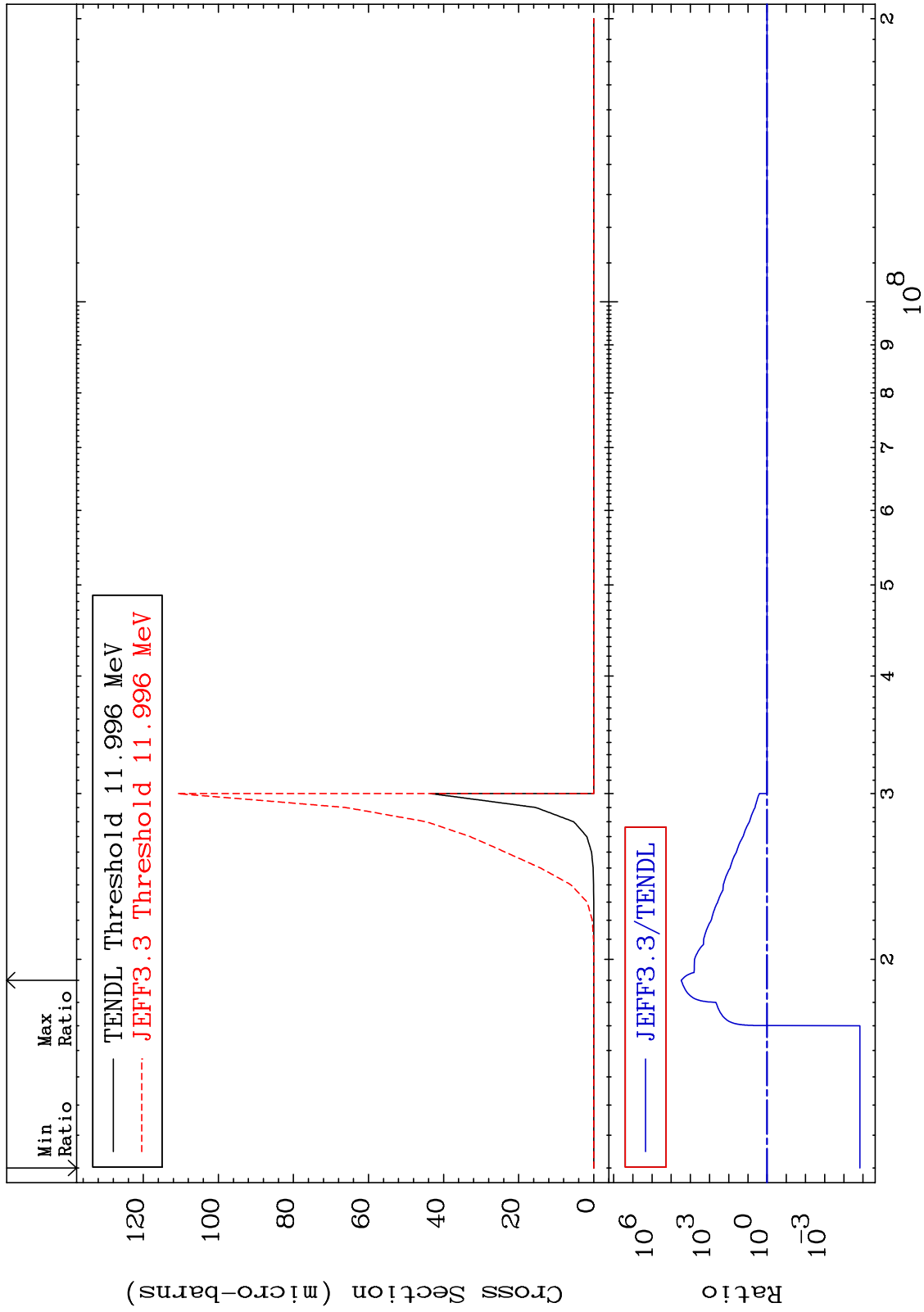
MAT 7631

(n,3n) α

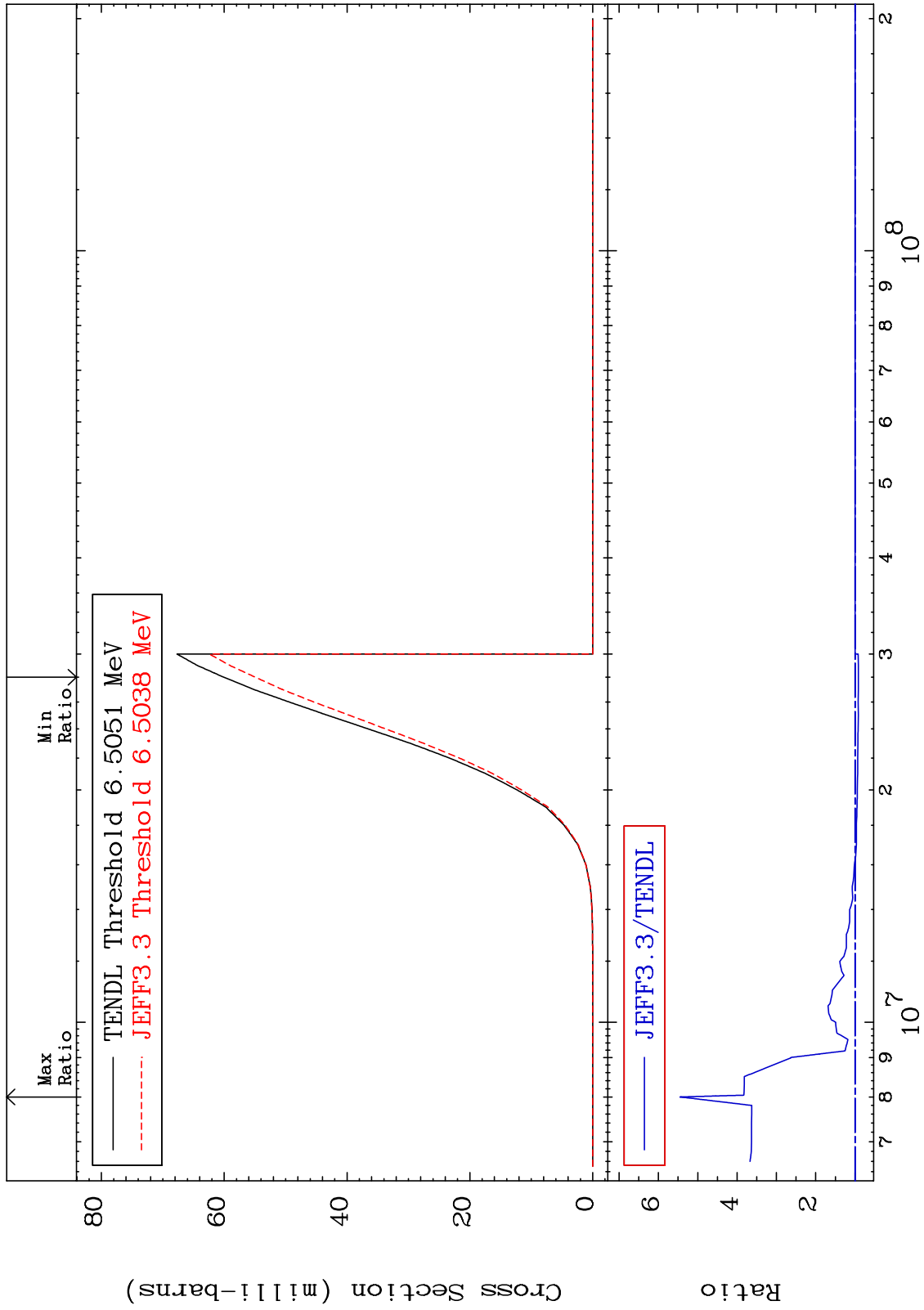
76-Os-186

Cross Section

-100.0 To 9999. %



MAT 7631 (n,n') p 76-0s-186
Cross Section -8.567 To 445.0 %



10 7 8 9 10⁷ 2 3 4 5 6 7 8 9 10⁸ 2 76-0s-186

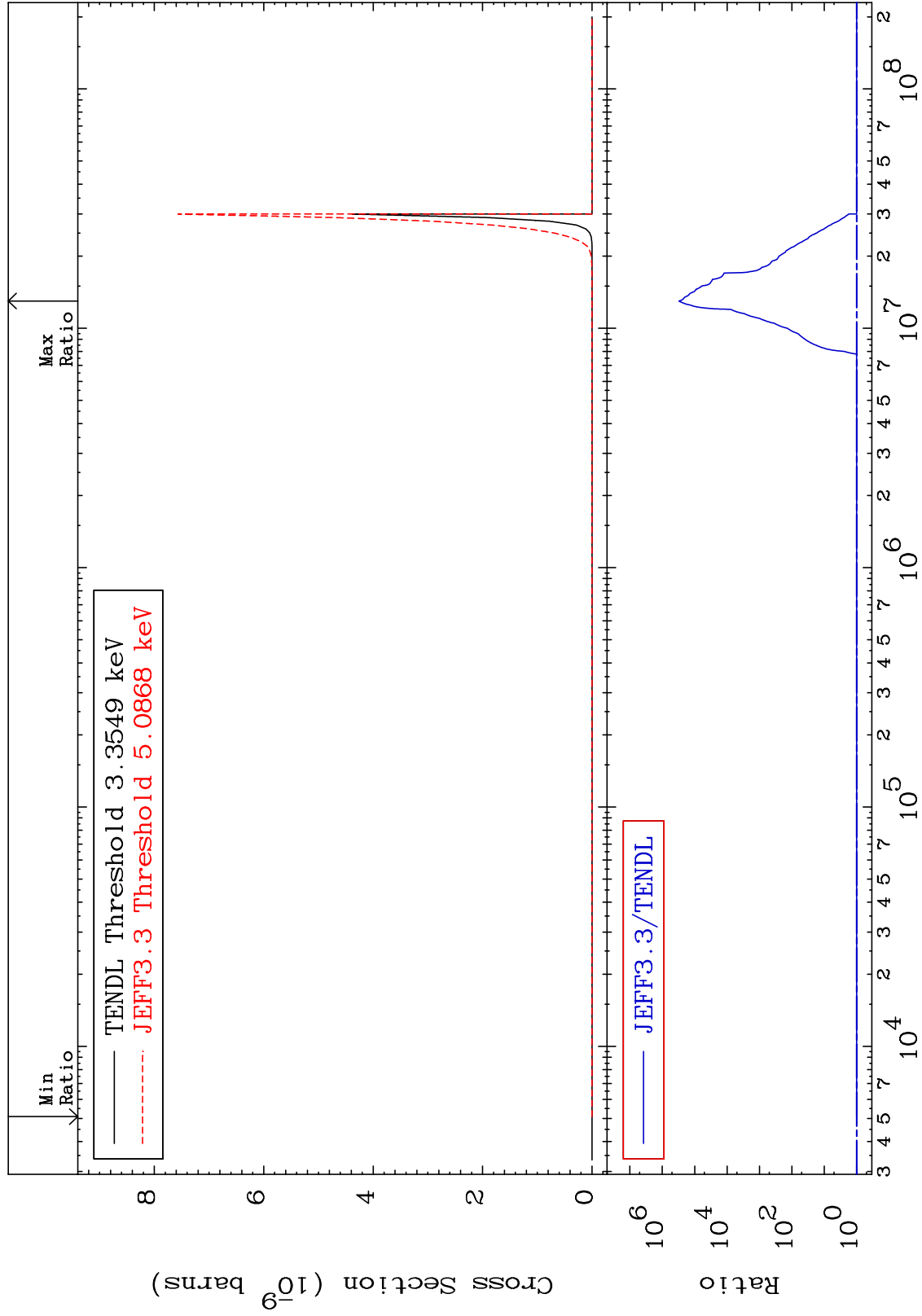
MAT 7631

(n,n') 2α

76-0s-186

Cross Section

0.000 To 9999. %



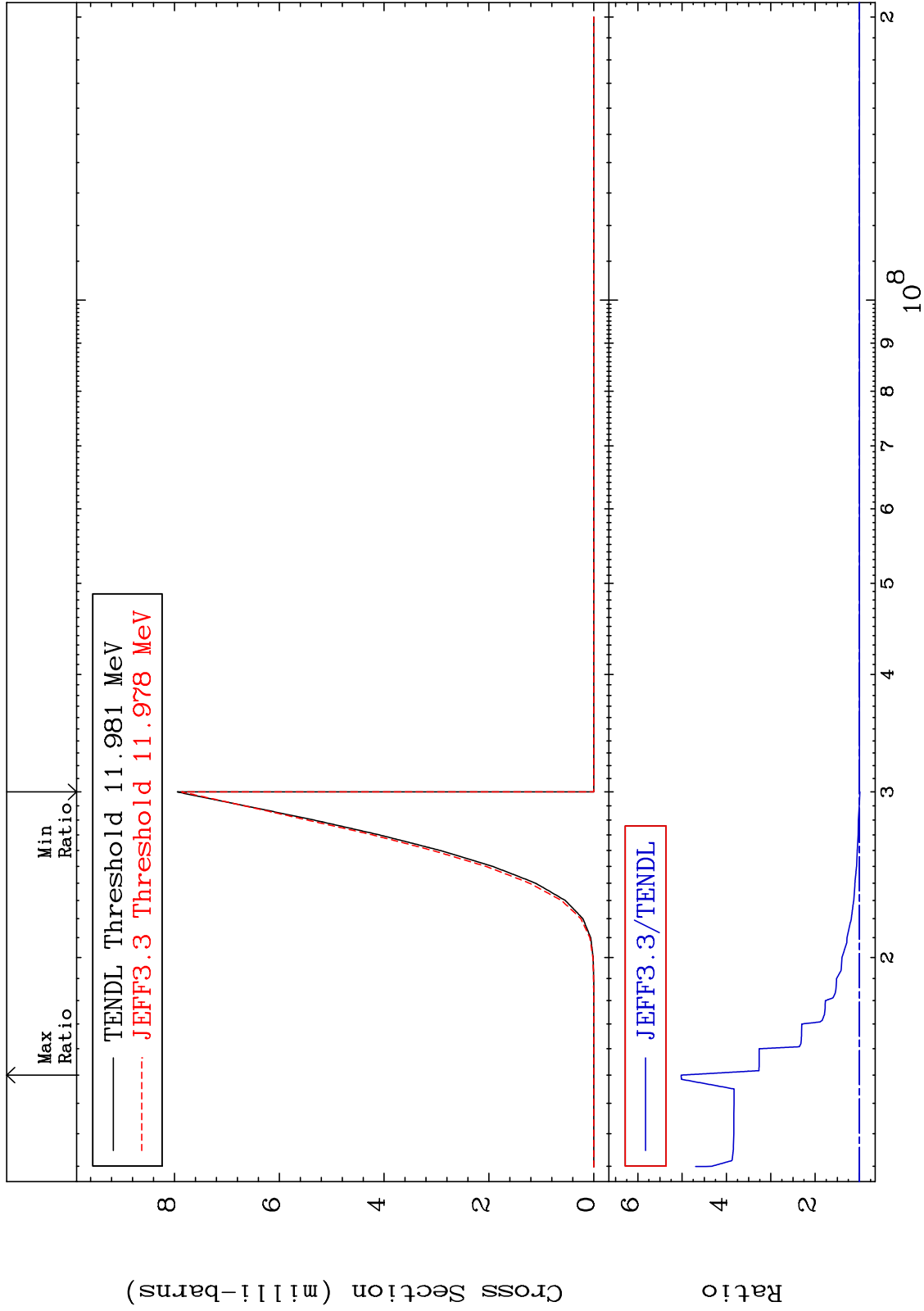
MAT 7631

(n, n') d

76-0s-186

Cross Section

-1.031 To 402.1 %



MAT 7631

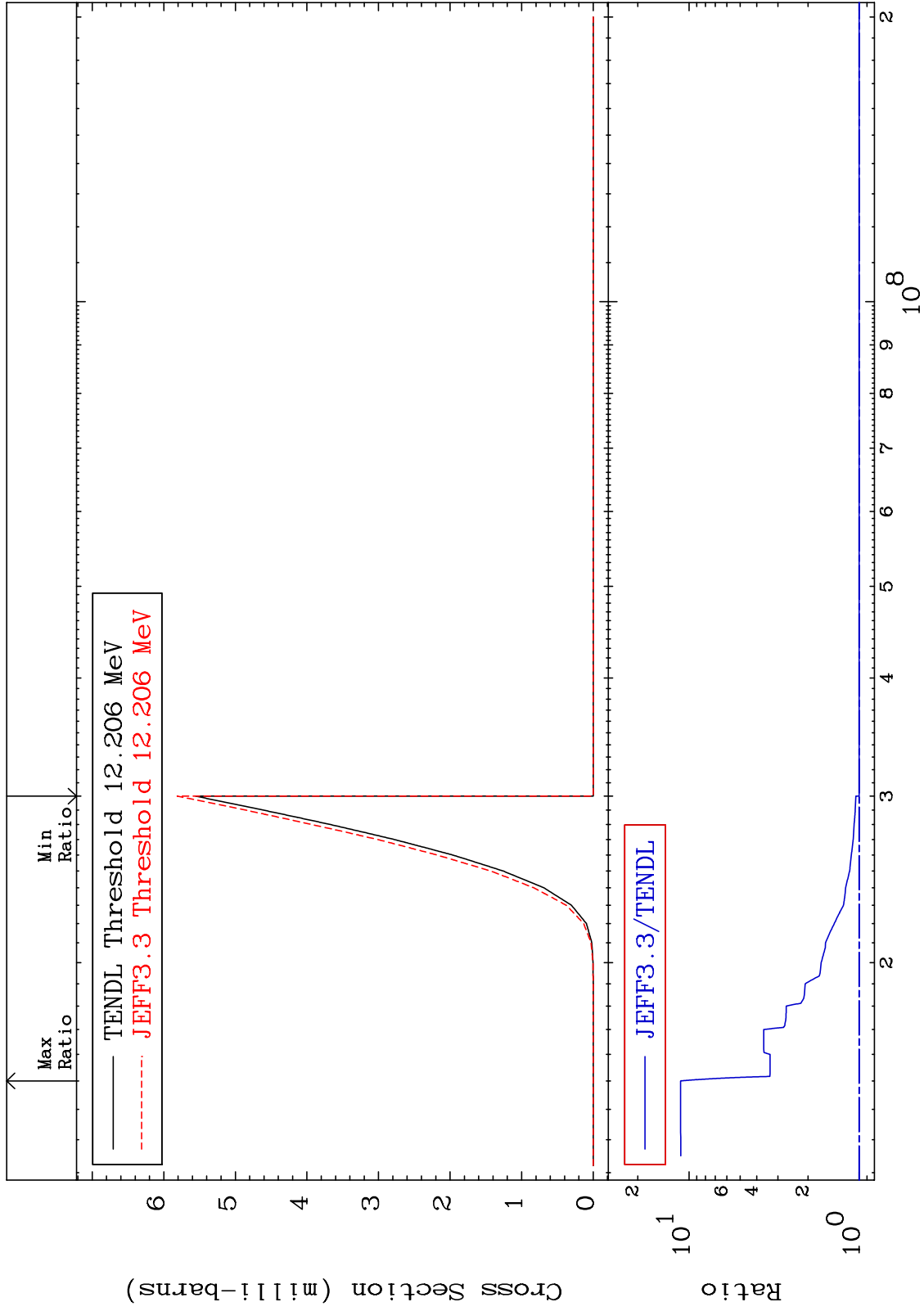
(n, n') t

76-0s-186

Cross Section

0.000

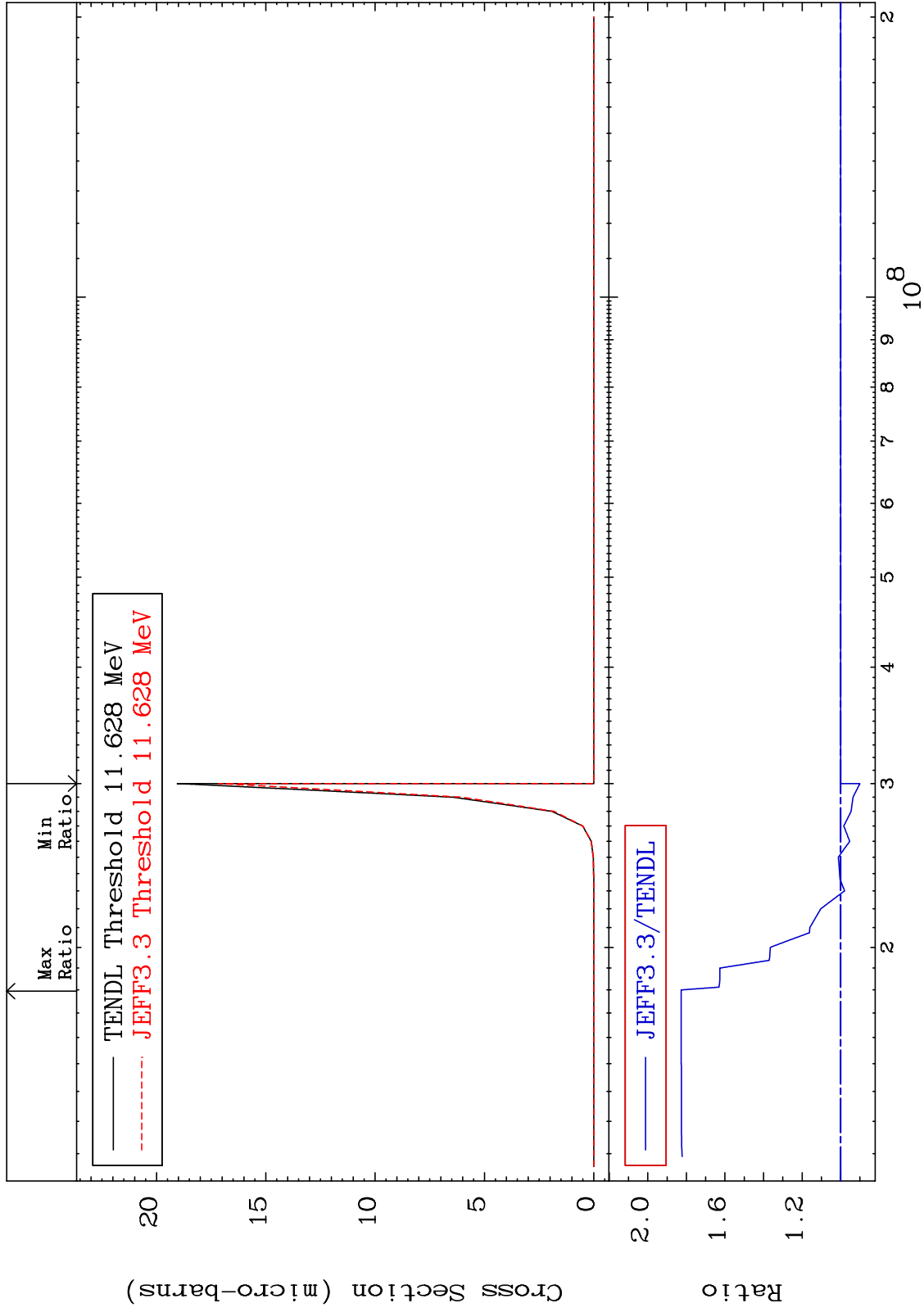
To 1020. %



MAT 7631

(n, n') He-3
Cross Section

76-0s-186
-9.970 To 82.67 %



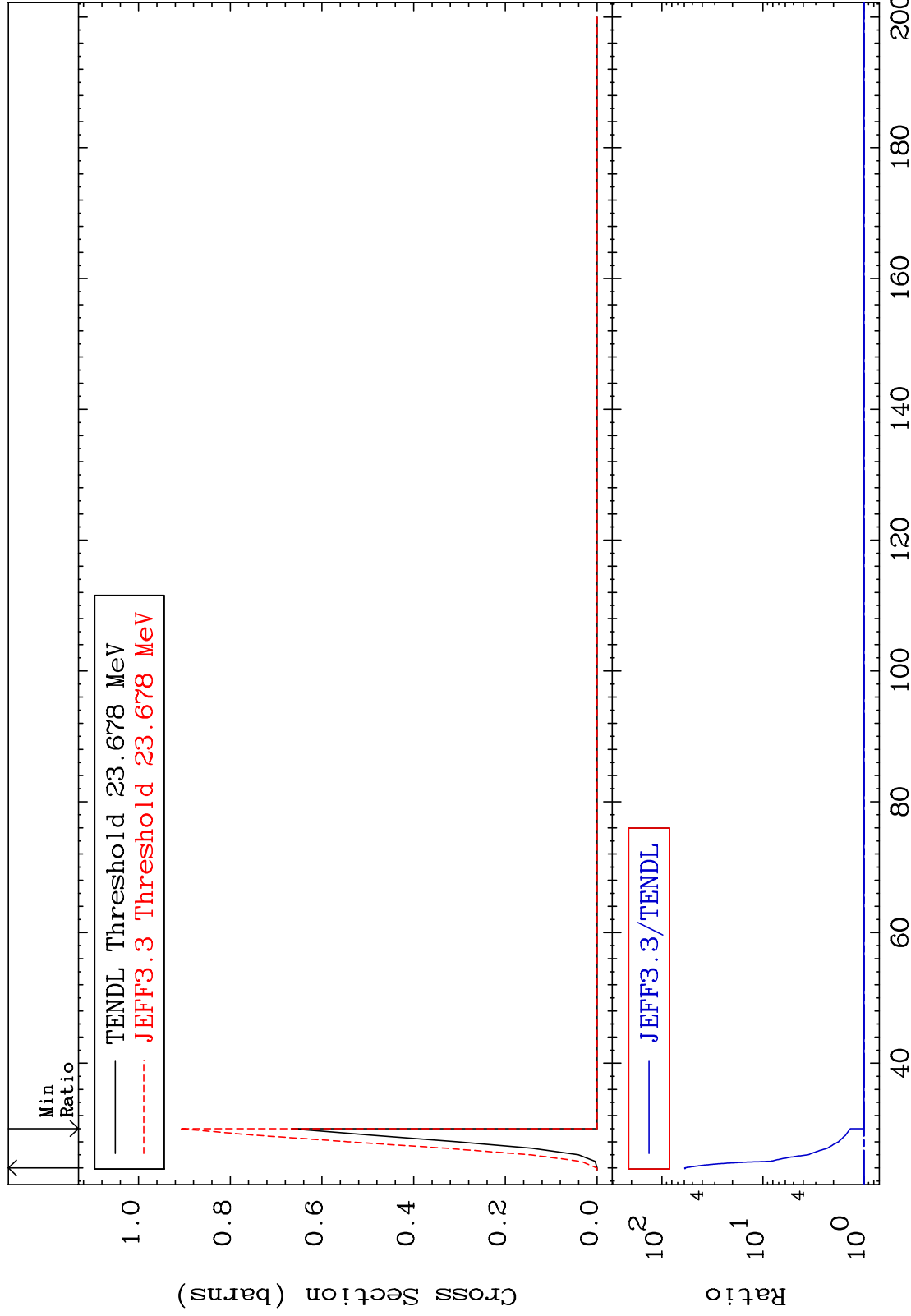
MAT 7631

(n, 4n)

⁷⁶Os-186

Cross Section

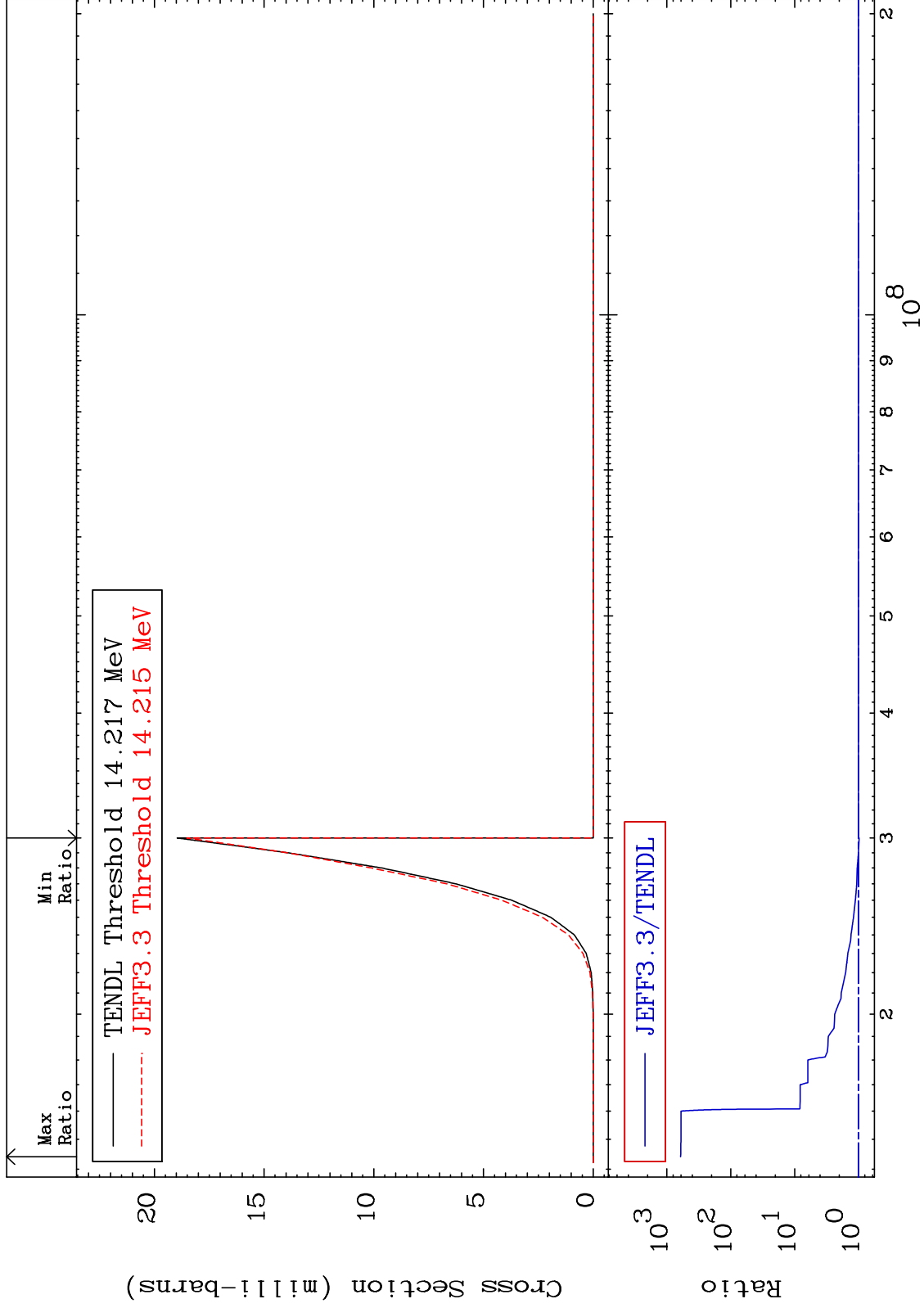
0.000 To 5845. %



MAT 7631

(n,2n) p
Cross Section

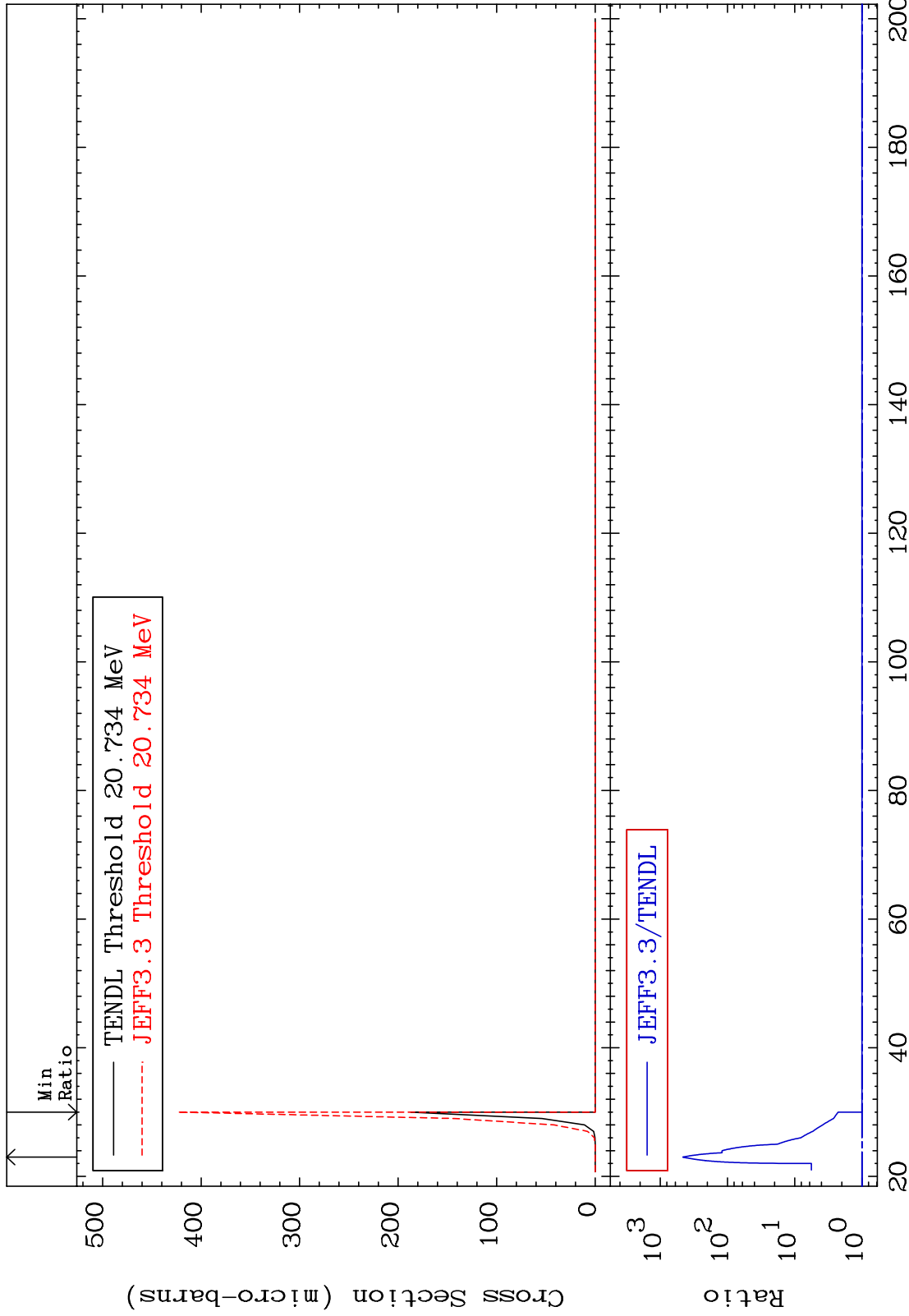
76-0s-186
-2.284 To 9999. %



MAT 7631

(n,3n) p
Cross Section

76-0s-186
0.000 To 9999. %

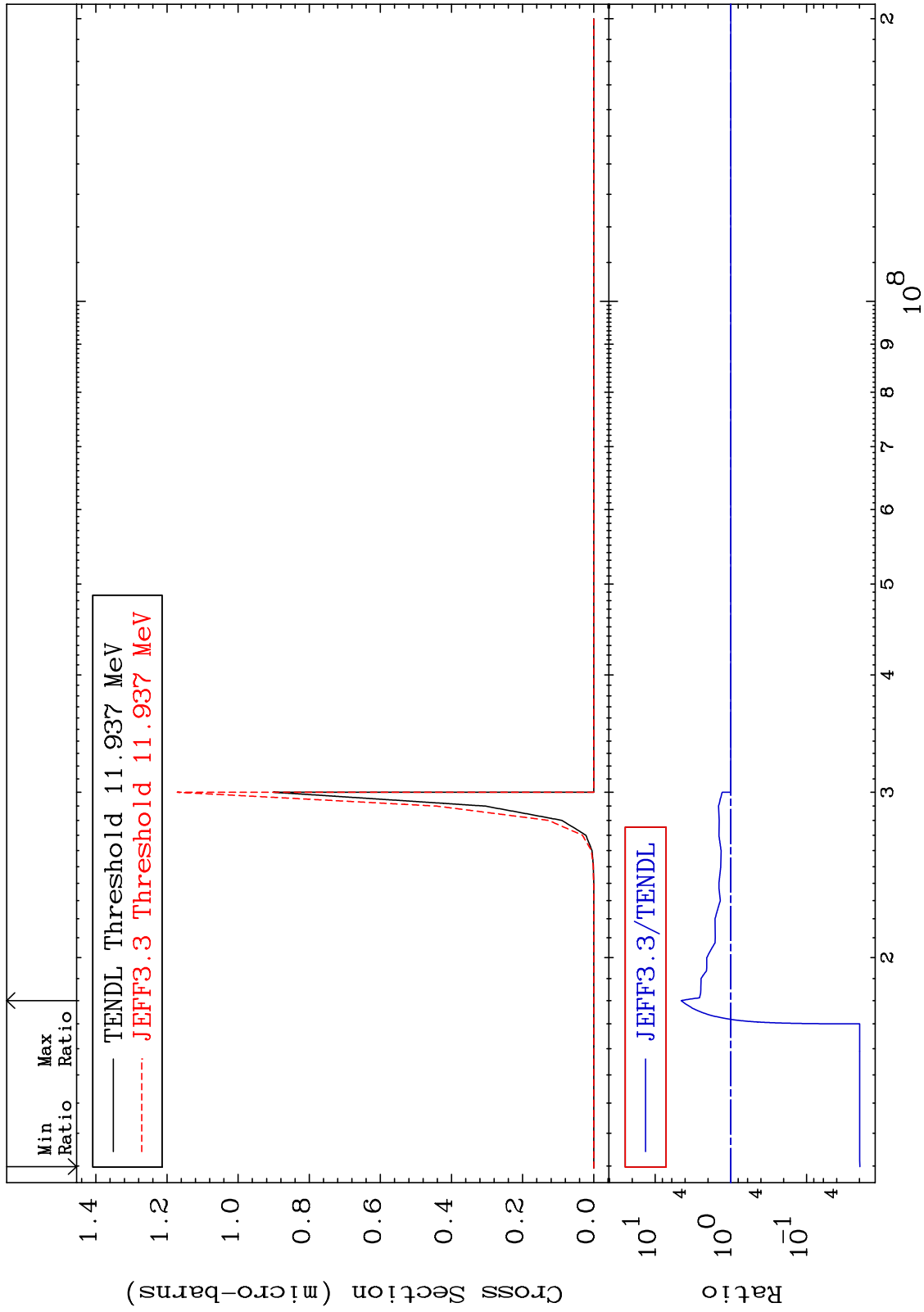


76-0s-186

MAT 7631

(n,2n) p
Cross Section

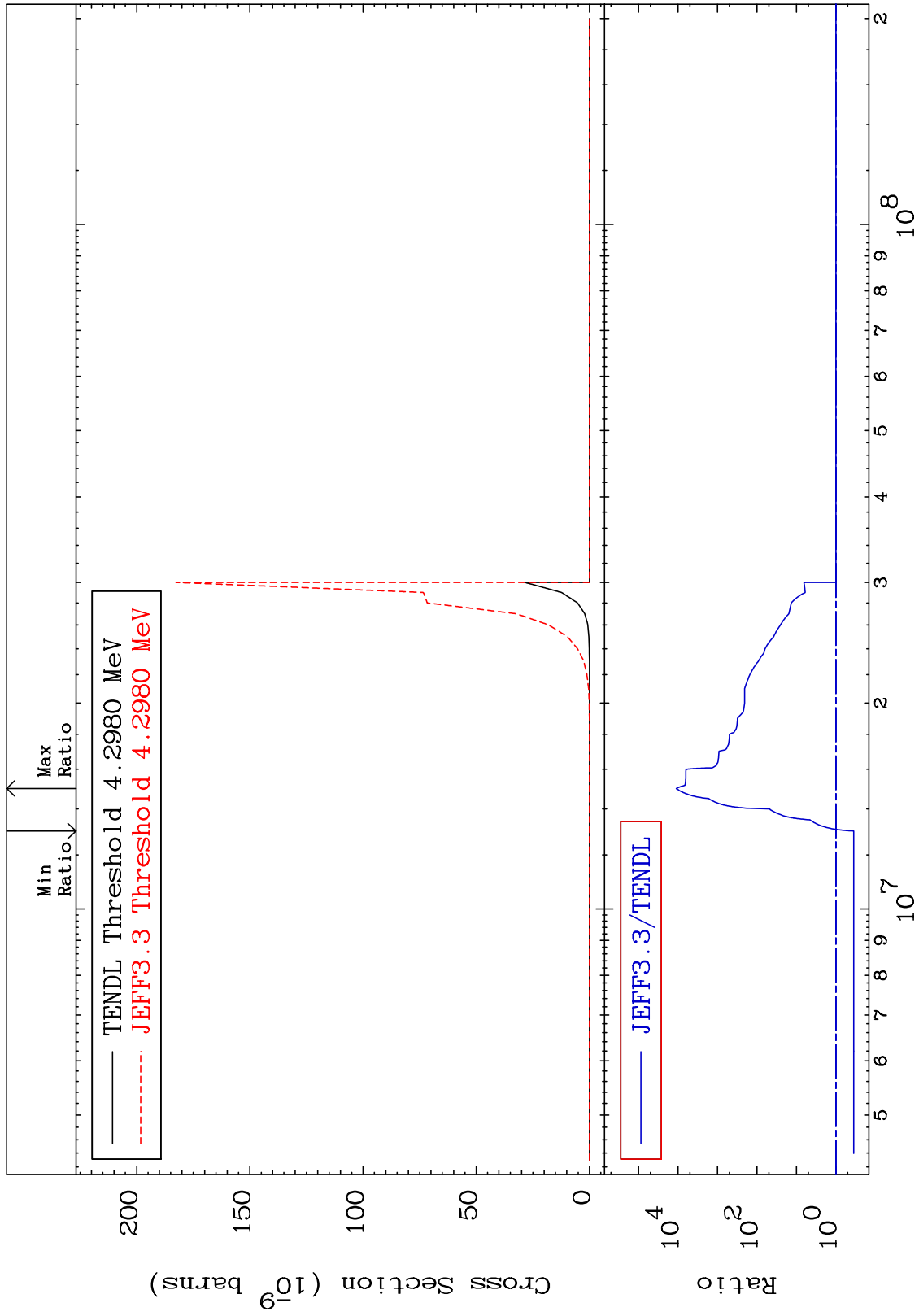
76-0s-186
-98.03 To 351.2 %

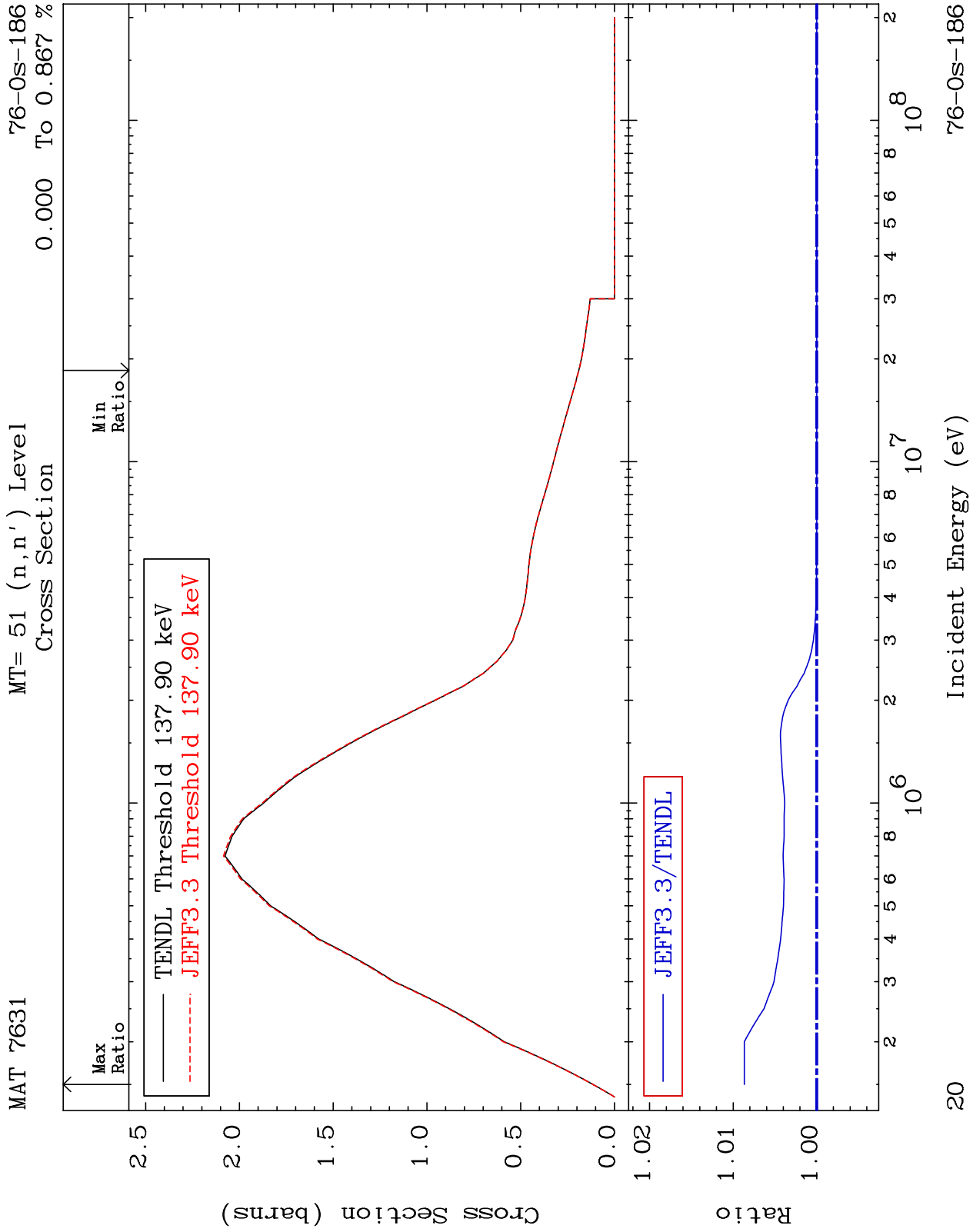


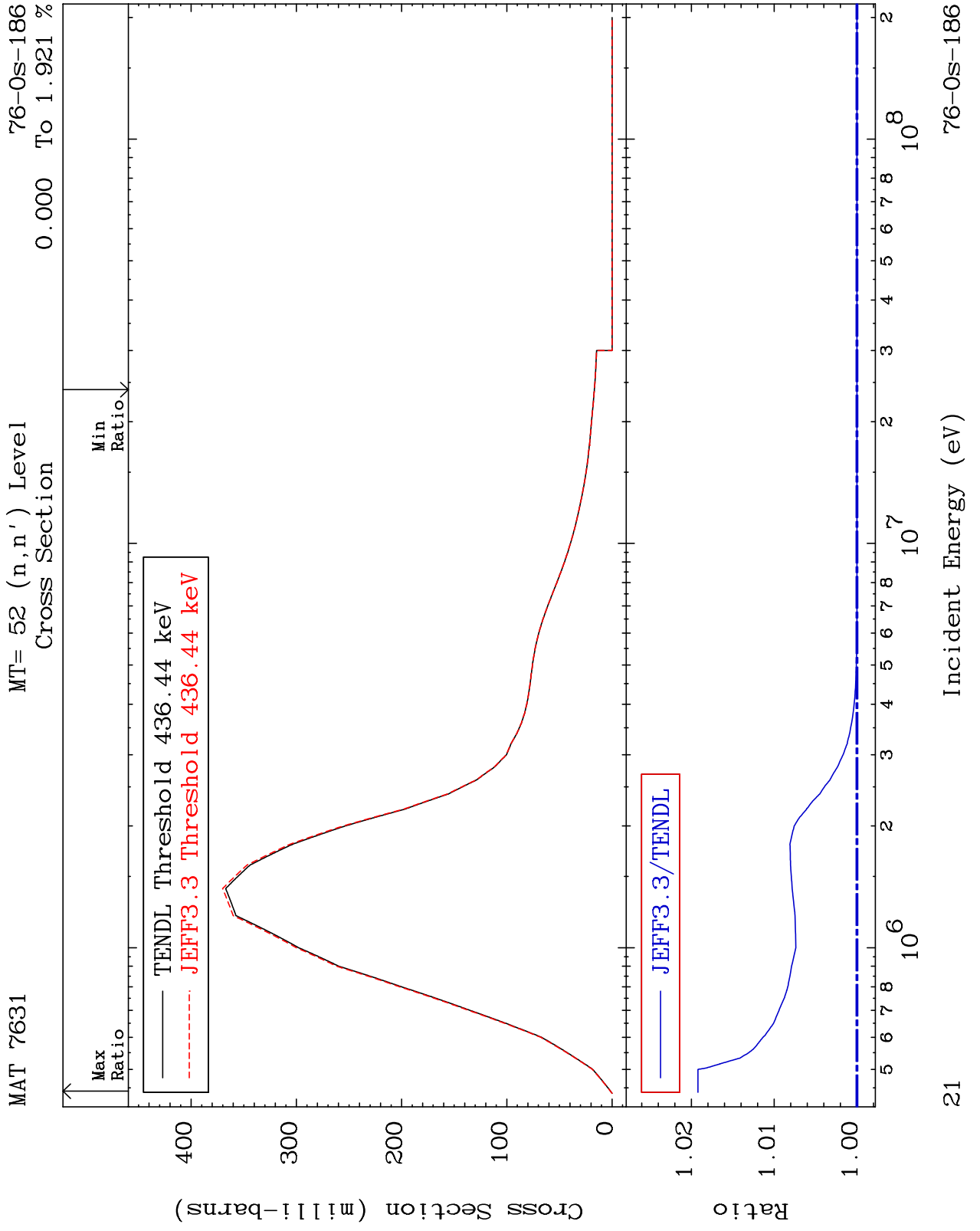
MAT 7631

(n,n') p α
Cross Section

76-0s-186
-64.81 To 9999. %



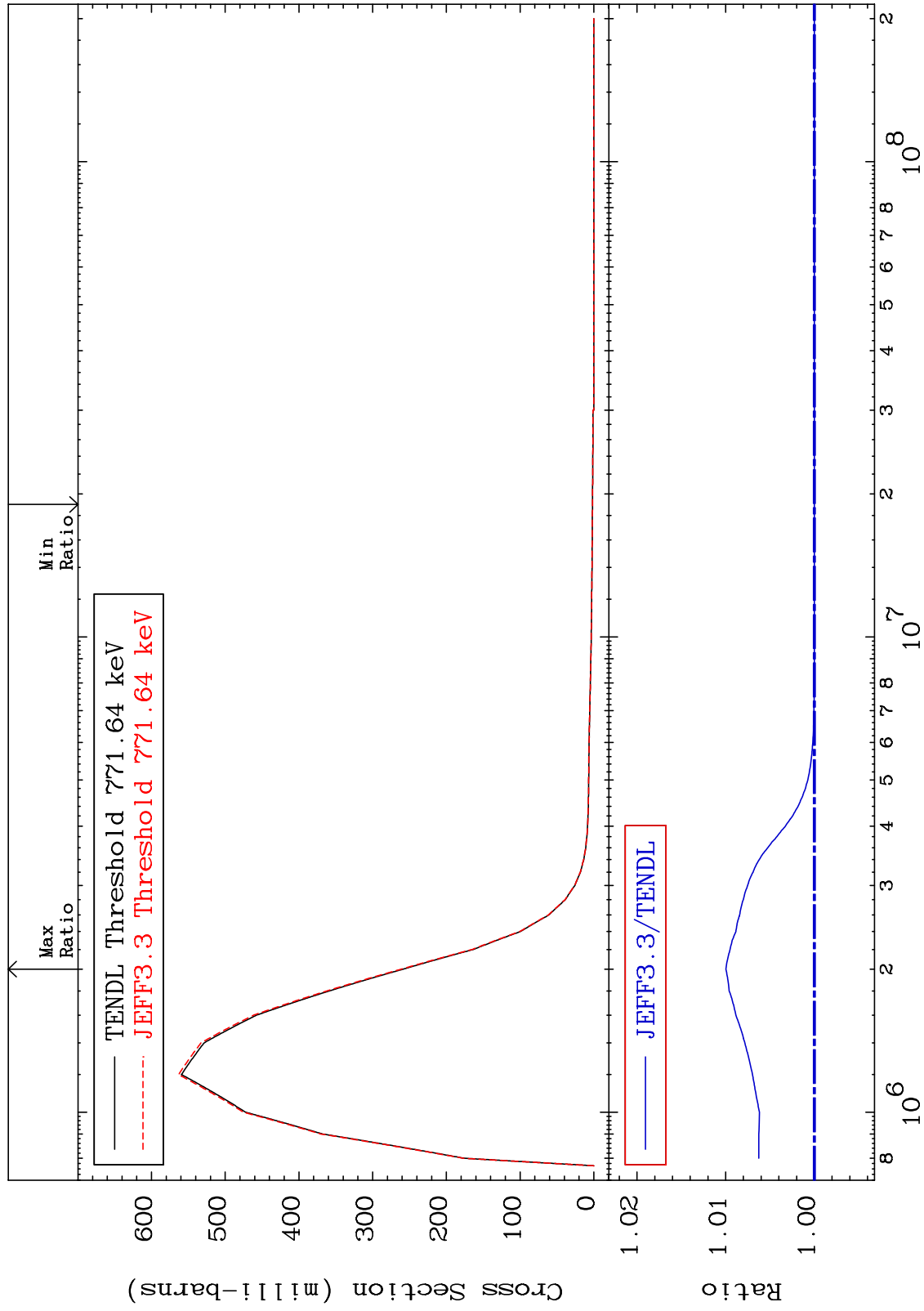




MAT 7631

MT= 53 (n,n') Level
Cross Section

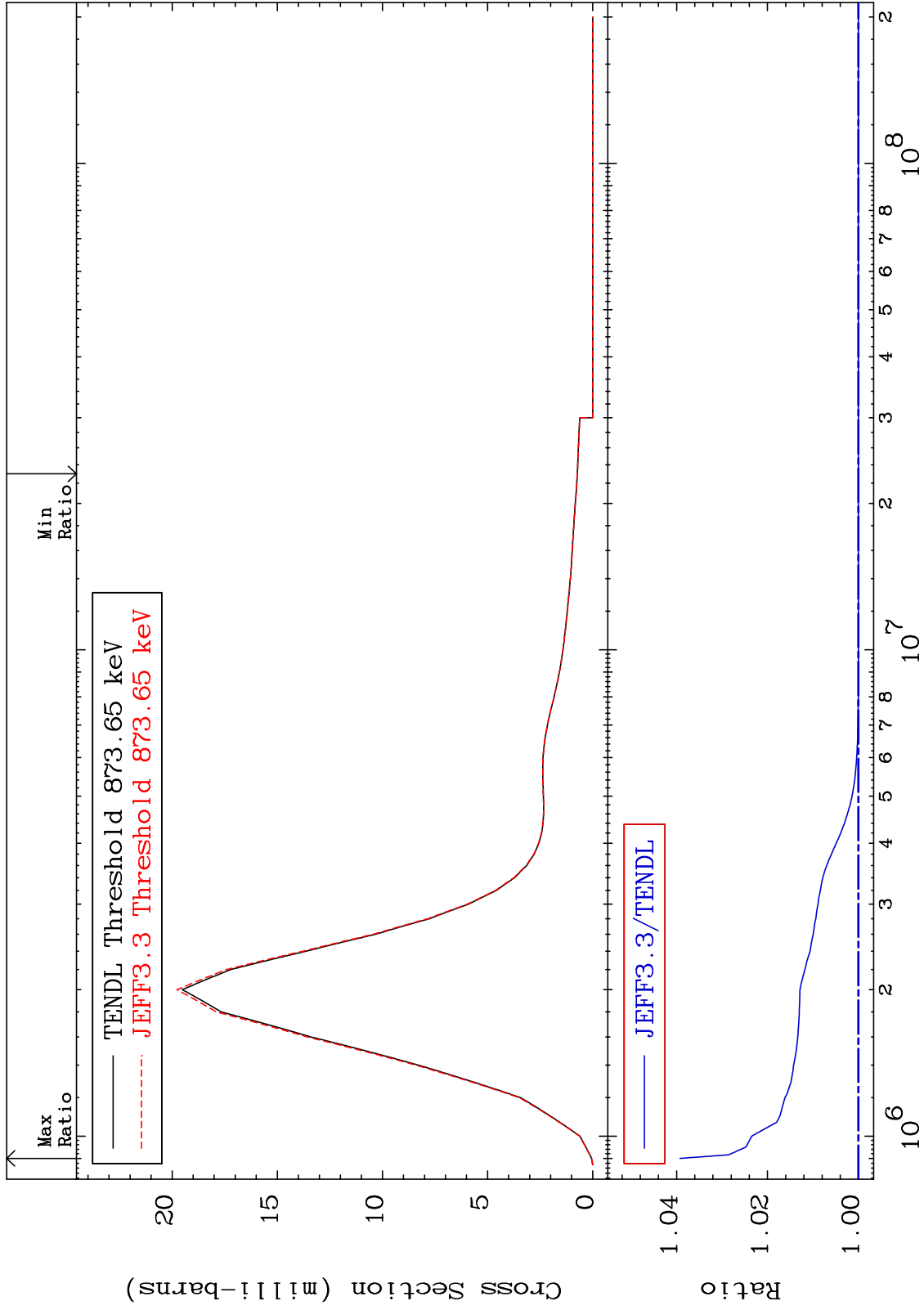
76-0s-186
0.000 To 0.997 %



MAT 7631

MT= 54 (n,n') Level
Cross Section

76-0s-186
0.000 To 3.925 %



23

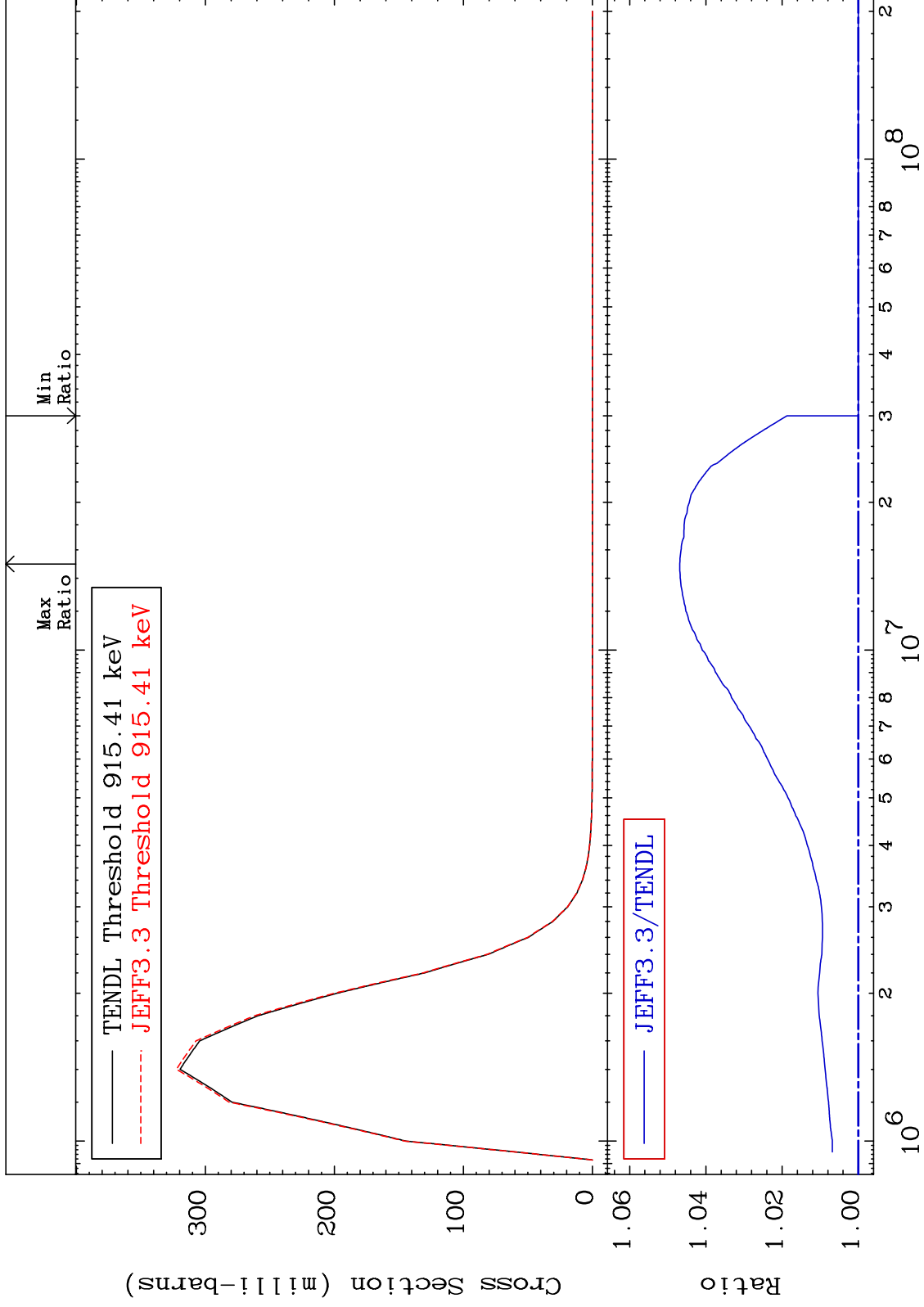
Incident Energy (eV)

76-0s-186

MAT 7631

MT= 55 (n,n') Level
Cross Section

76-0s-186
0.000 To 4.684 %



24

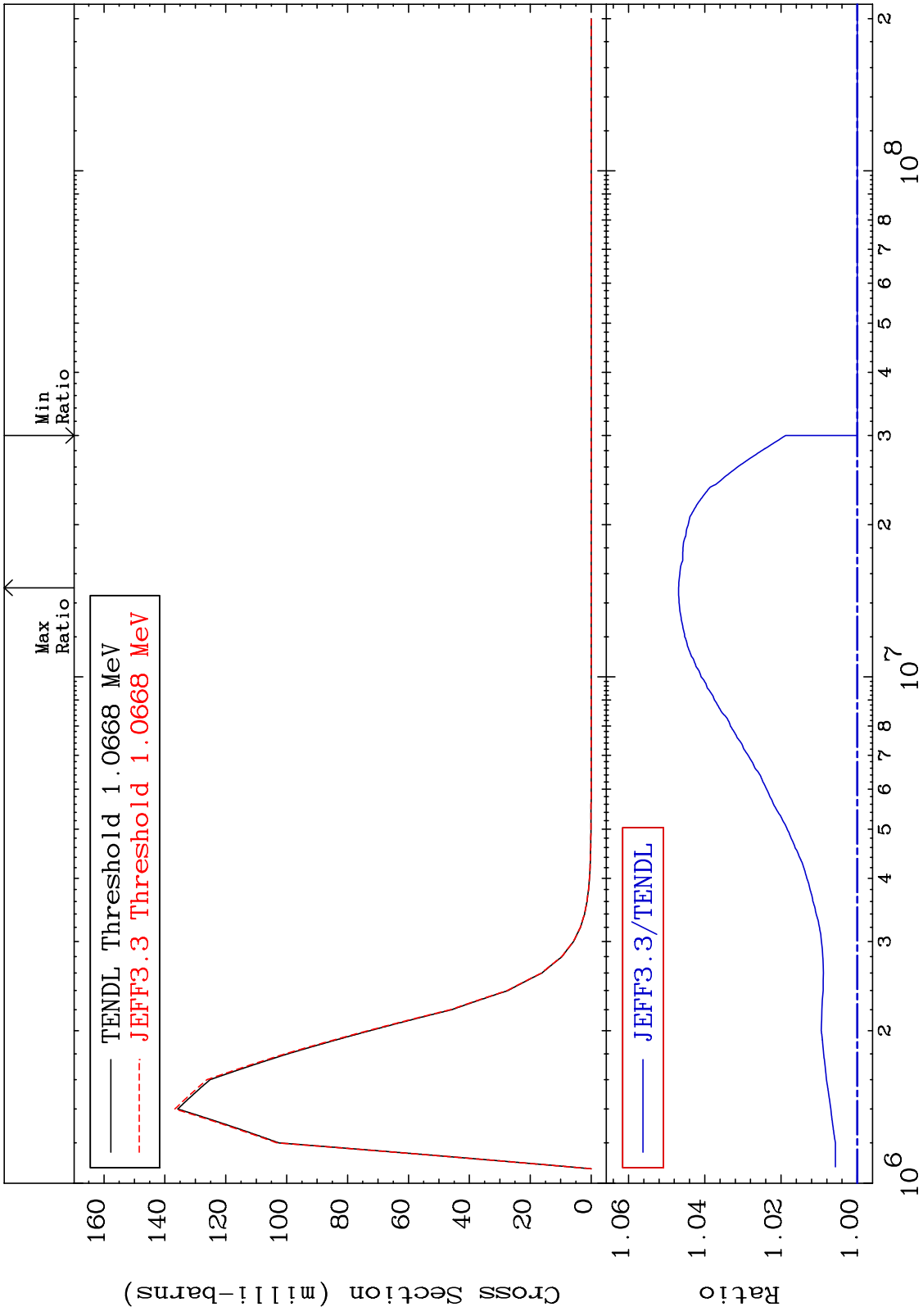
Incident Energy (eV)

76-0s-186

MAT 7631

MT= 56 (n,n') Level
Cross Section

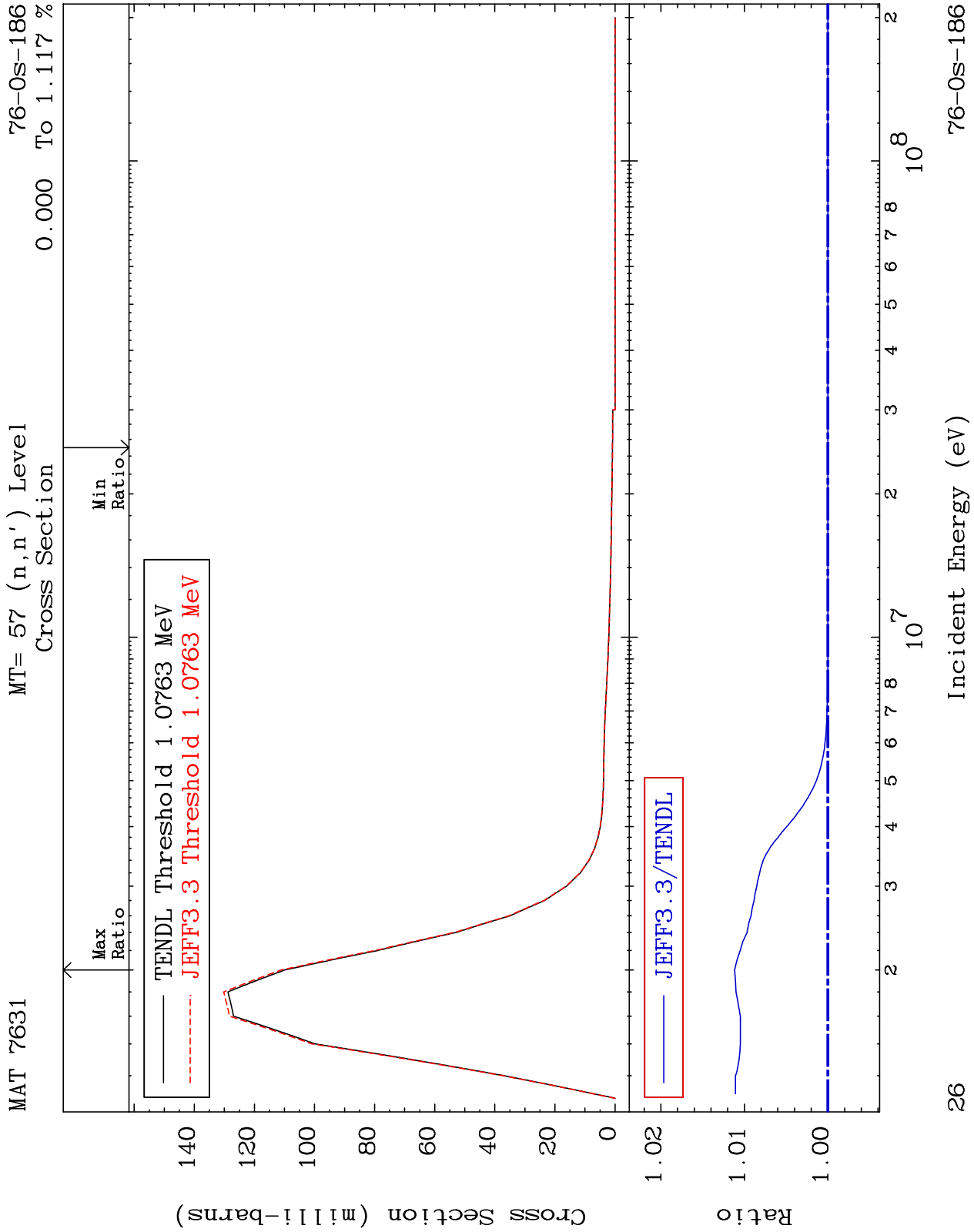
76-0s-186
0.000 To 4.686 %

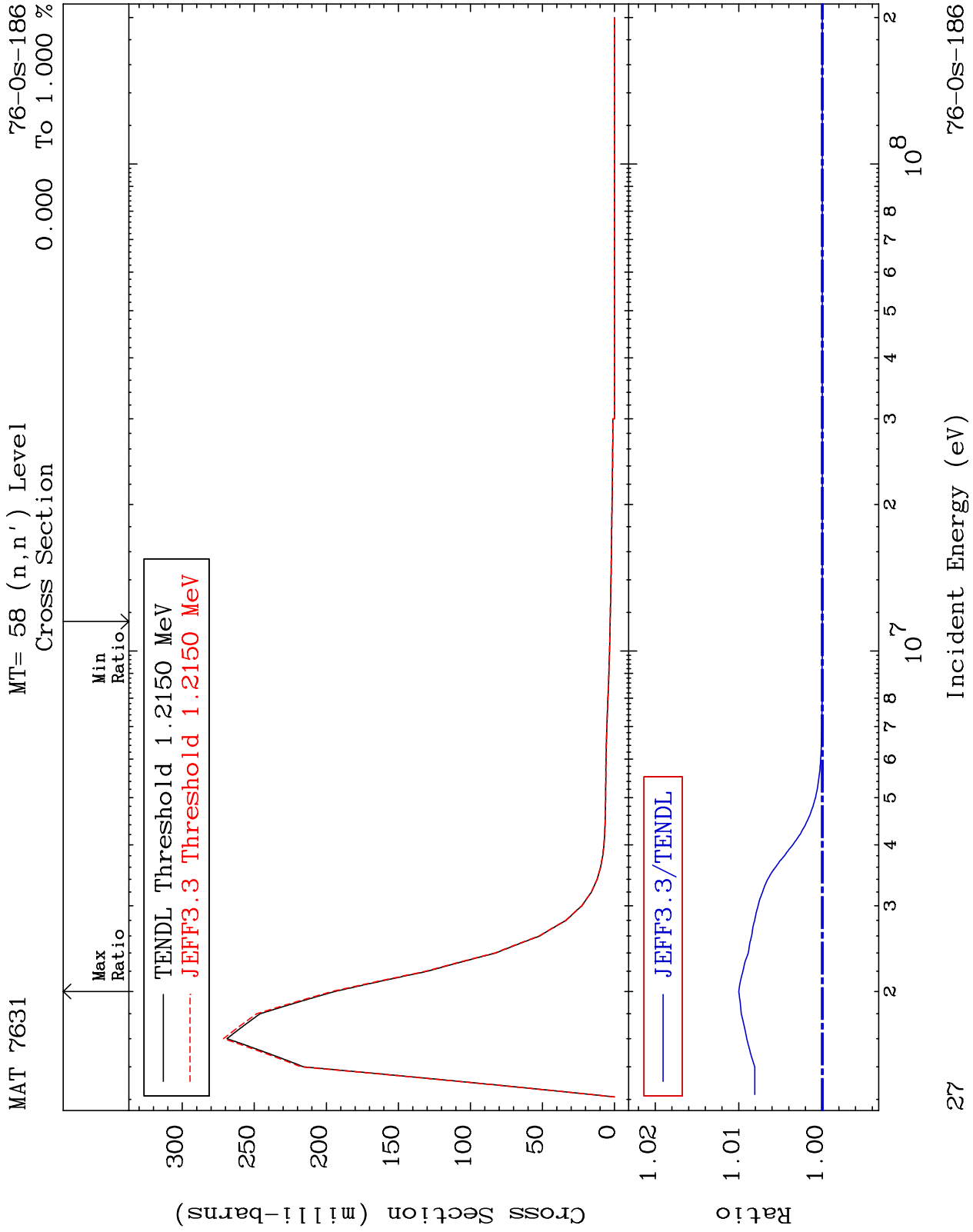


Incident Energy (eV)

76-0s-186

25

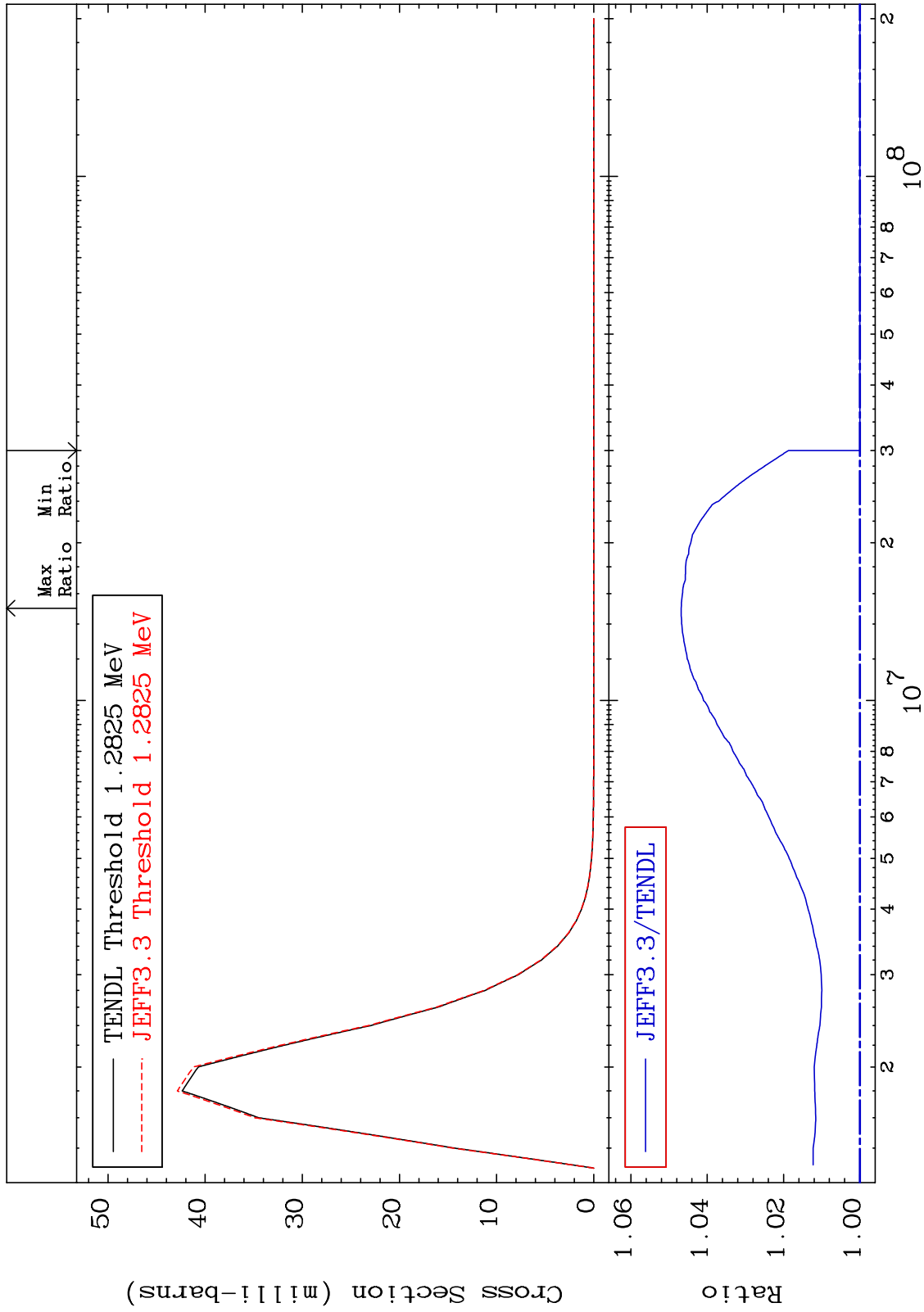


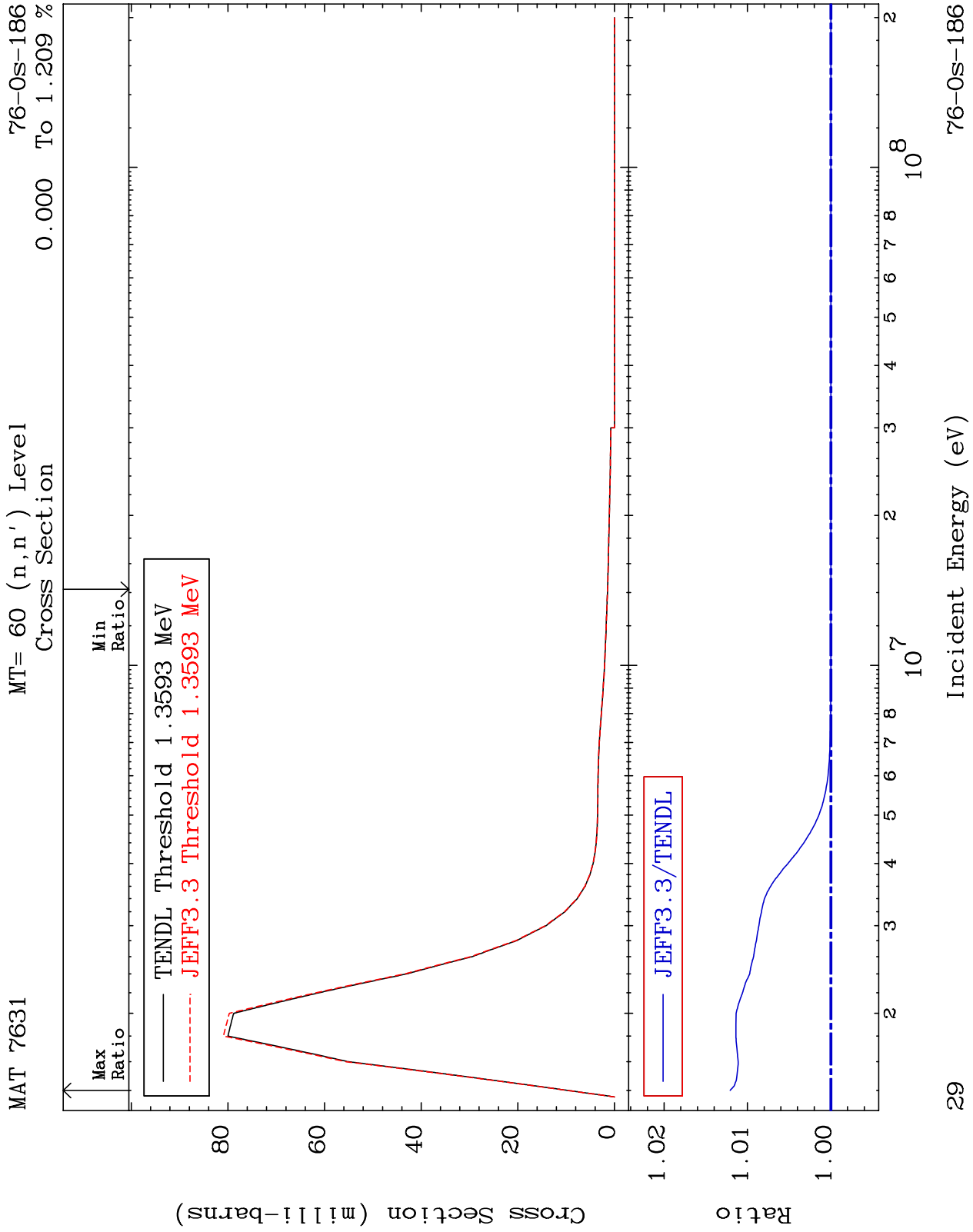


MAT 7631

MT= 59 (n, n') Level
Cross Section

76-0s-186
0.000 To 4.681 %

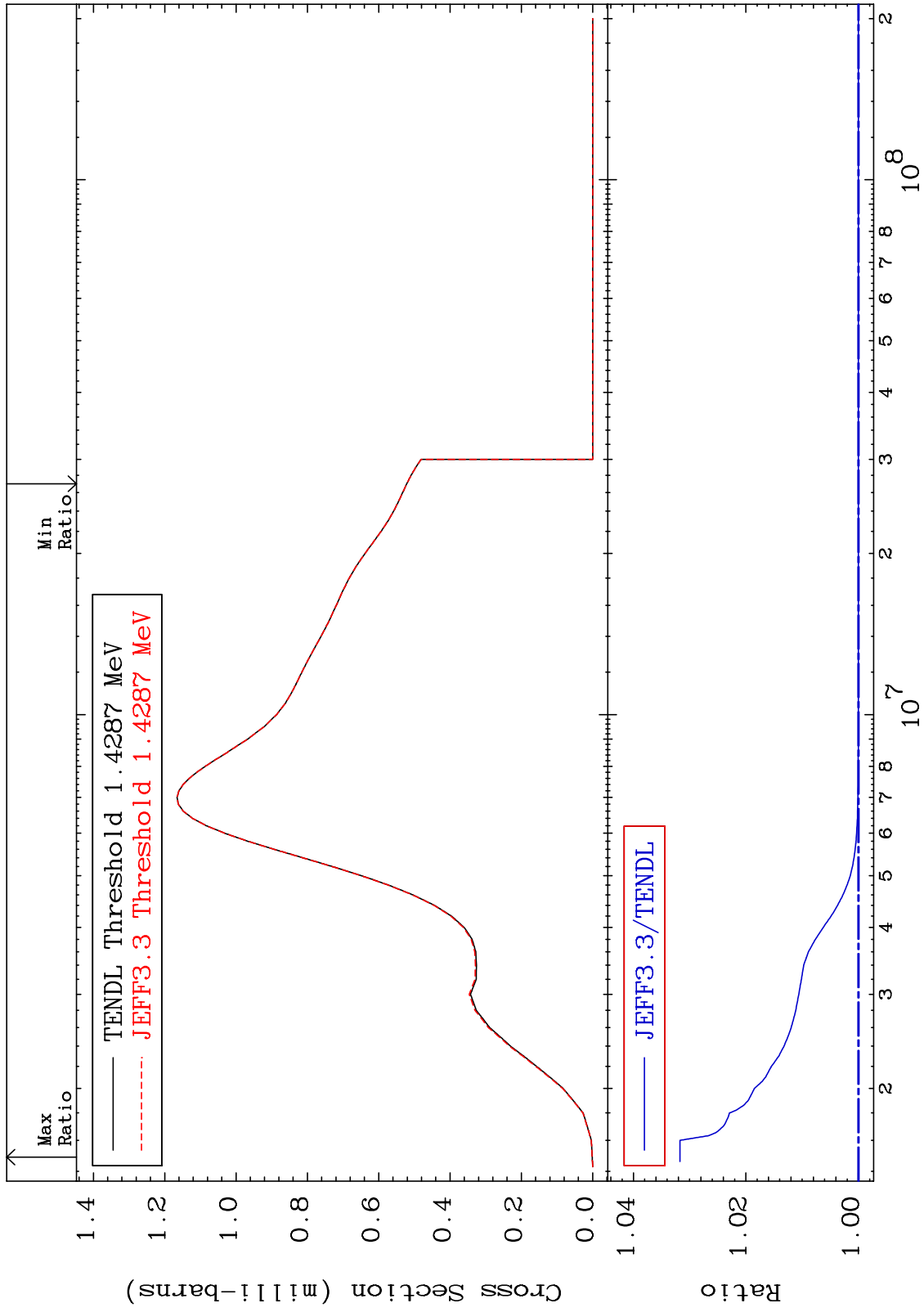




MAT 7631

MT= 61 (n,n') Level
Cross Section

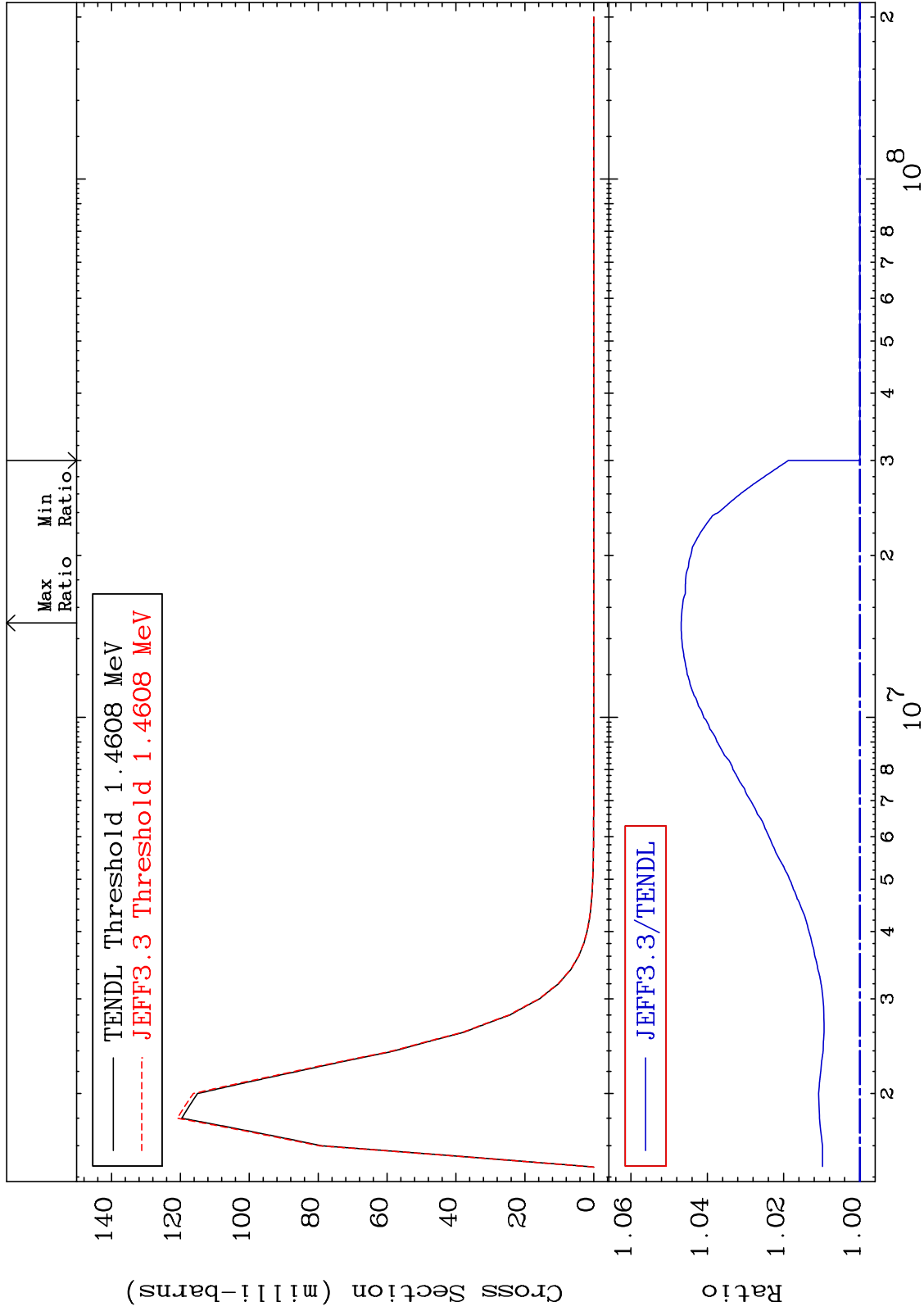
76-0s-186
0.000 To 3.171 %



MAT 7631

MT= 62 (n, n') Level
Cross Section

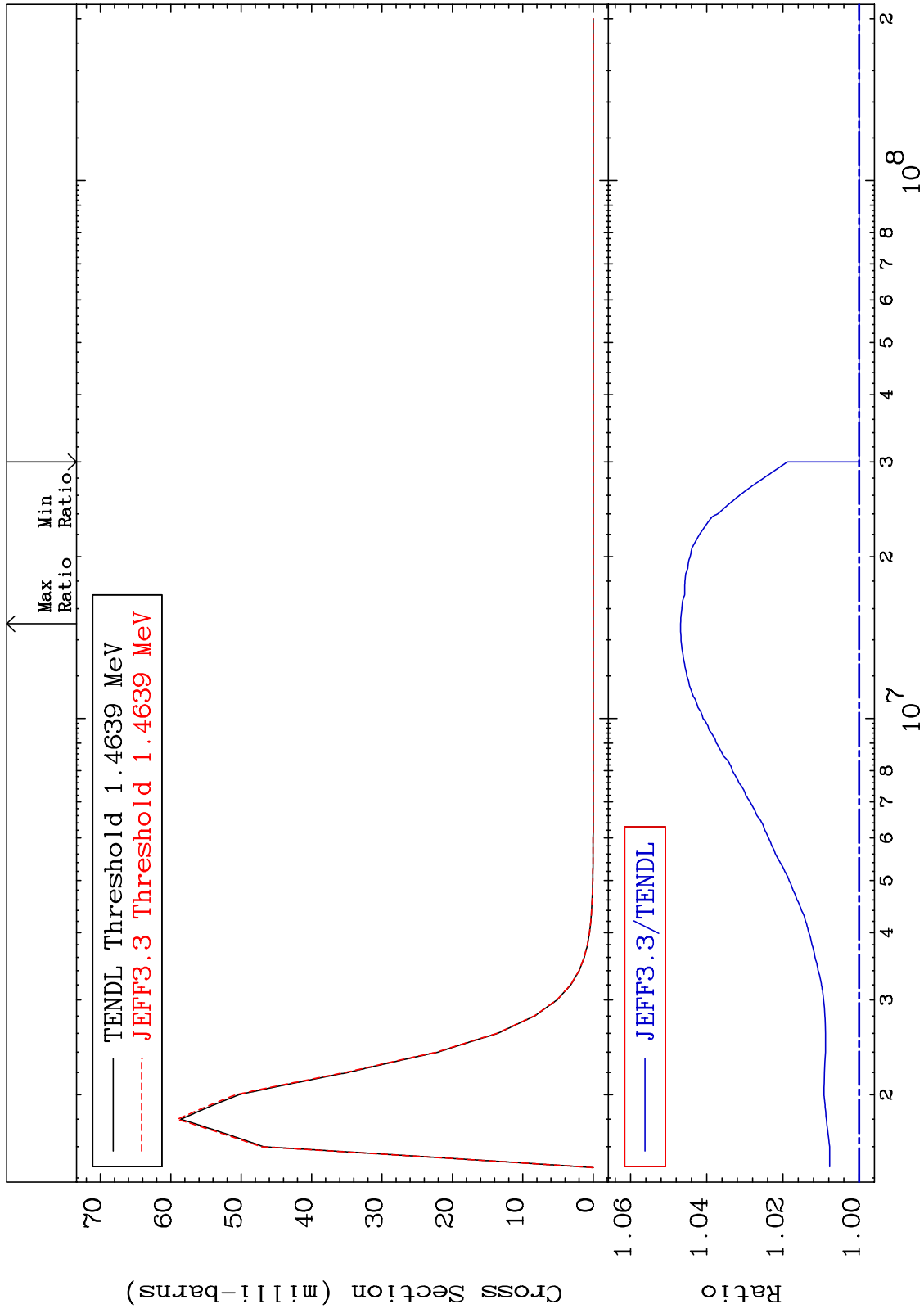
76-0s-186
0.000 To 4.684 %

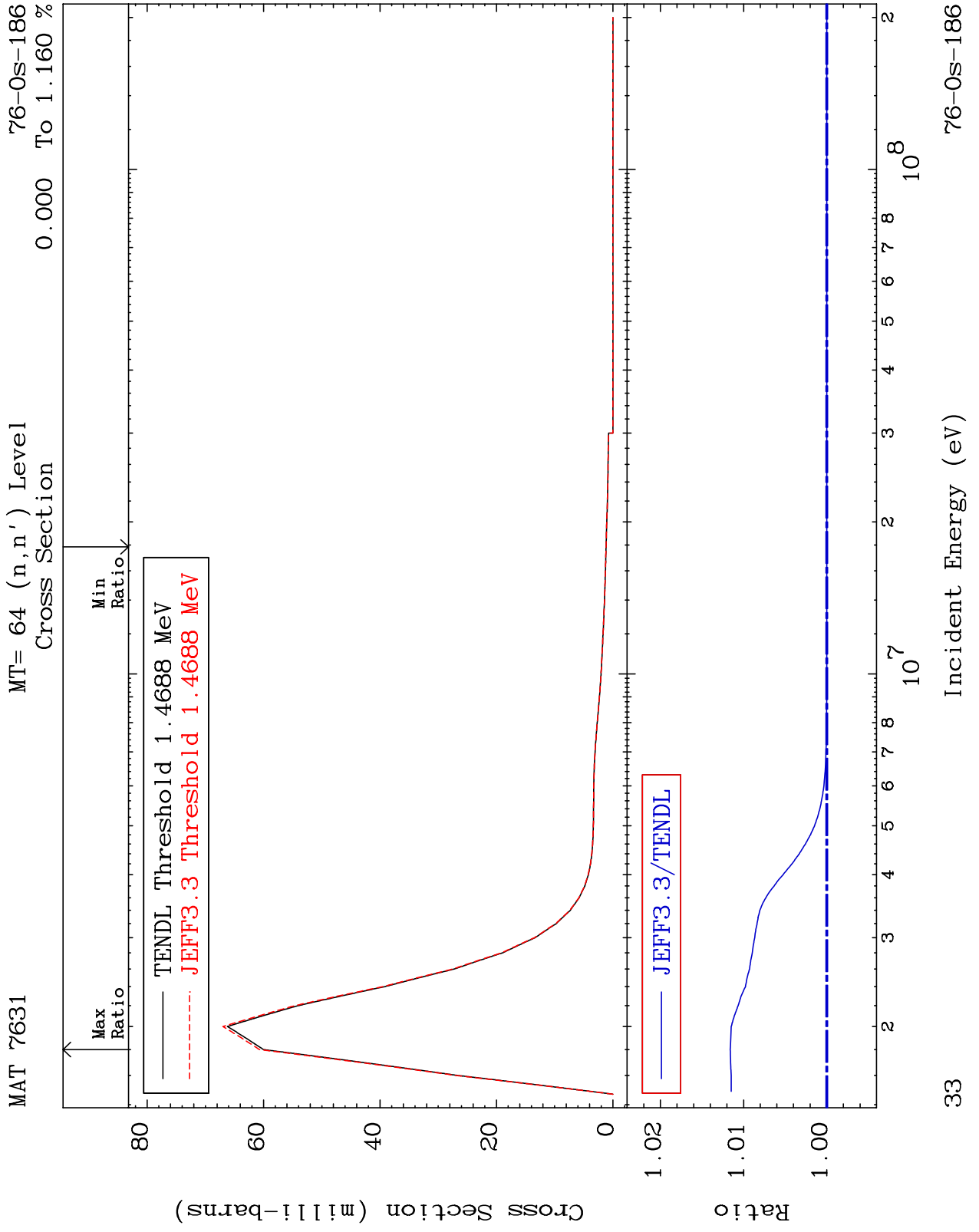


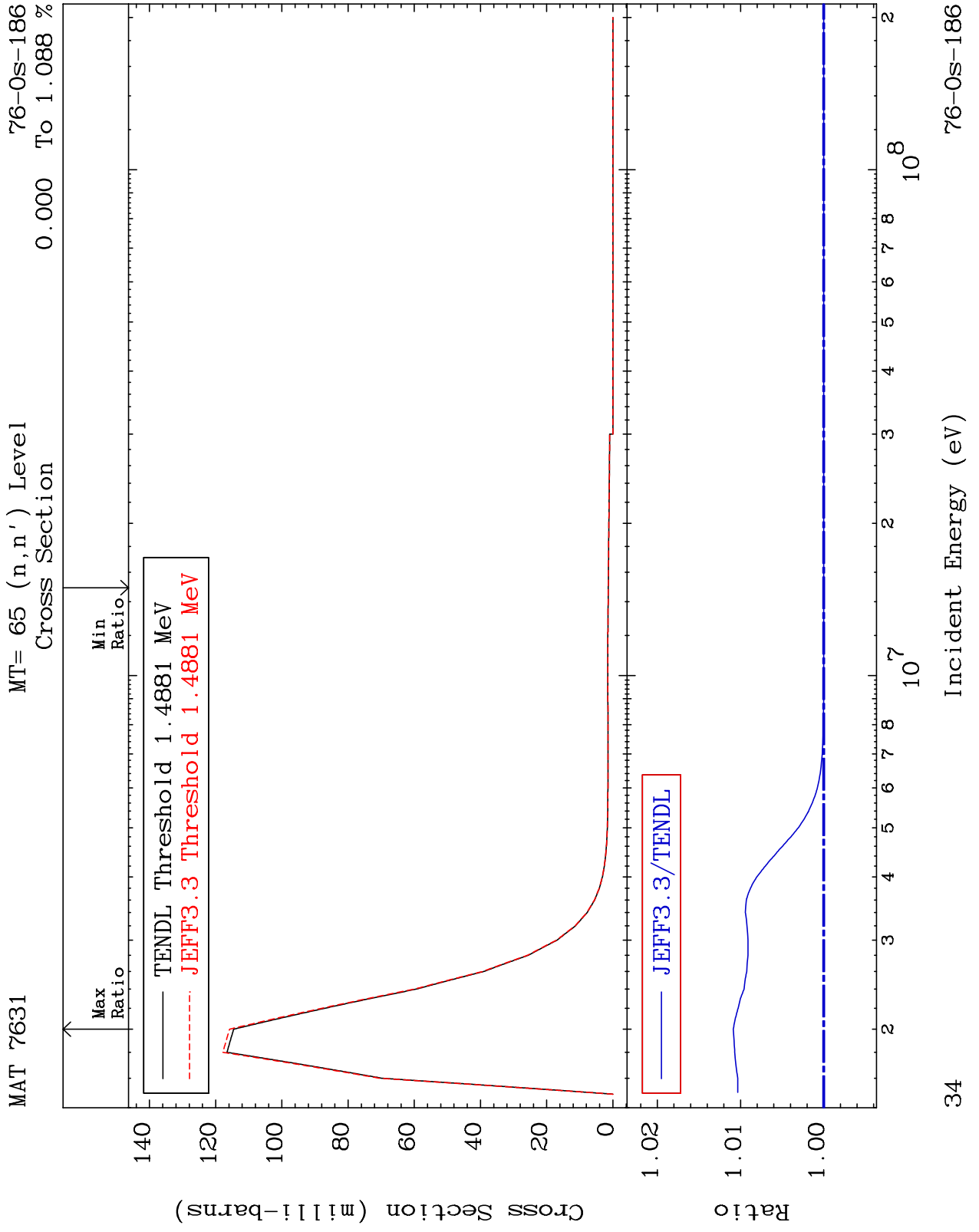
MAT 7631

MT= 63 (n, n') Level
Cross Section

76-0s-186
0.000 To 4.686 %



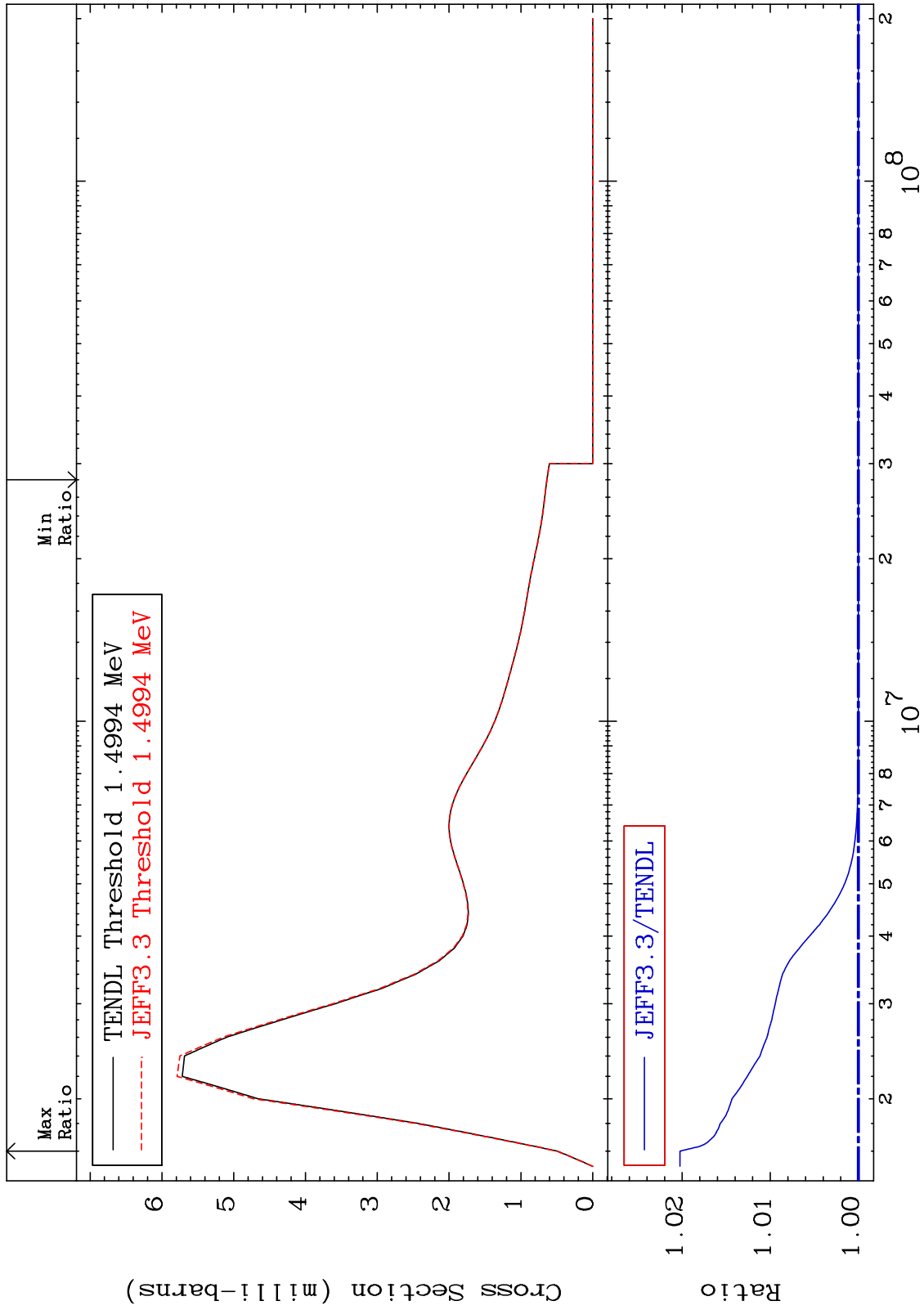




MAT 7631

MT= 66 (n,n') Level
Cross Section

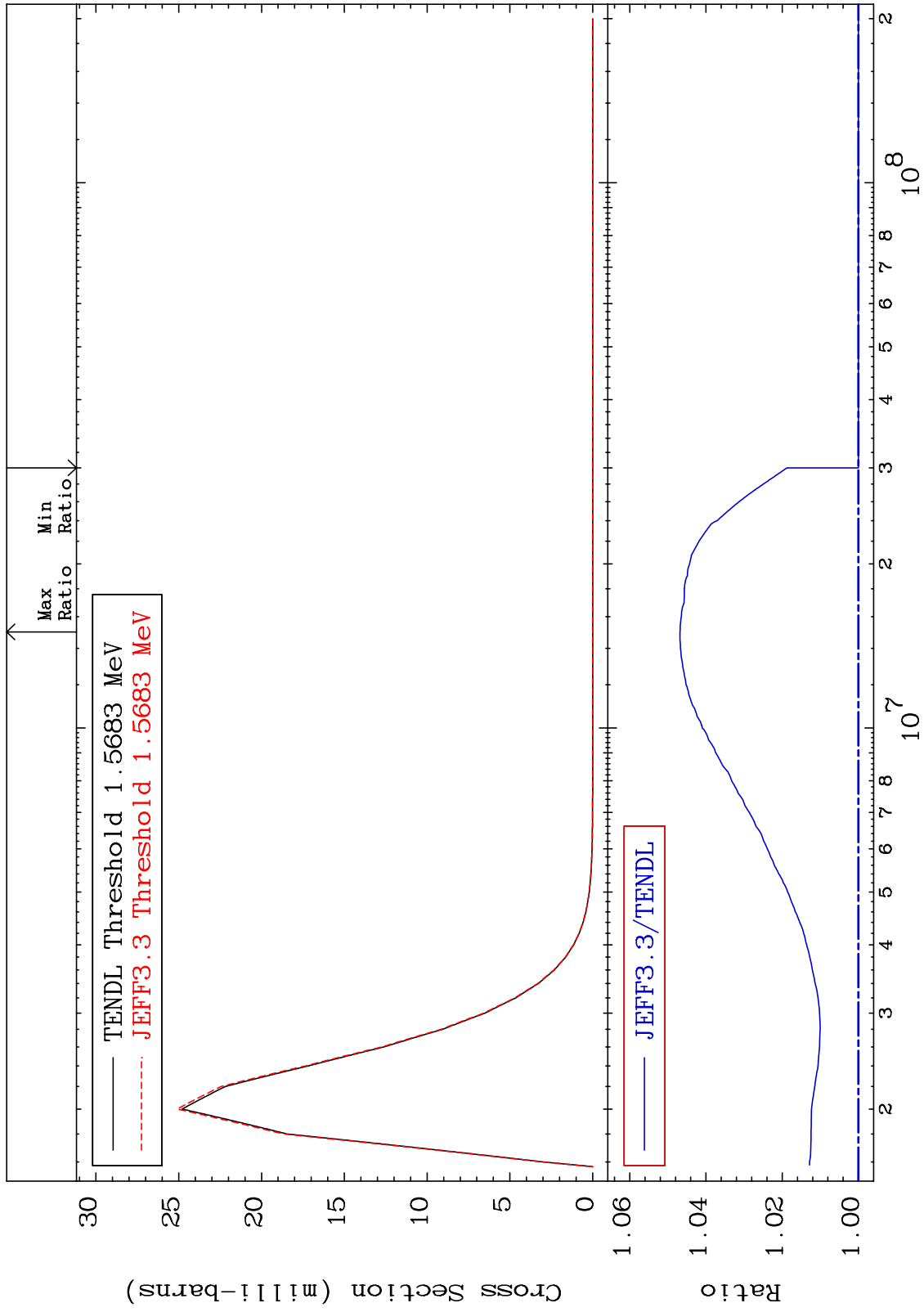
76-0s-186
0.000 To 2.025 %

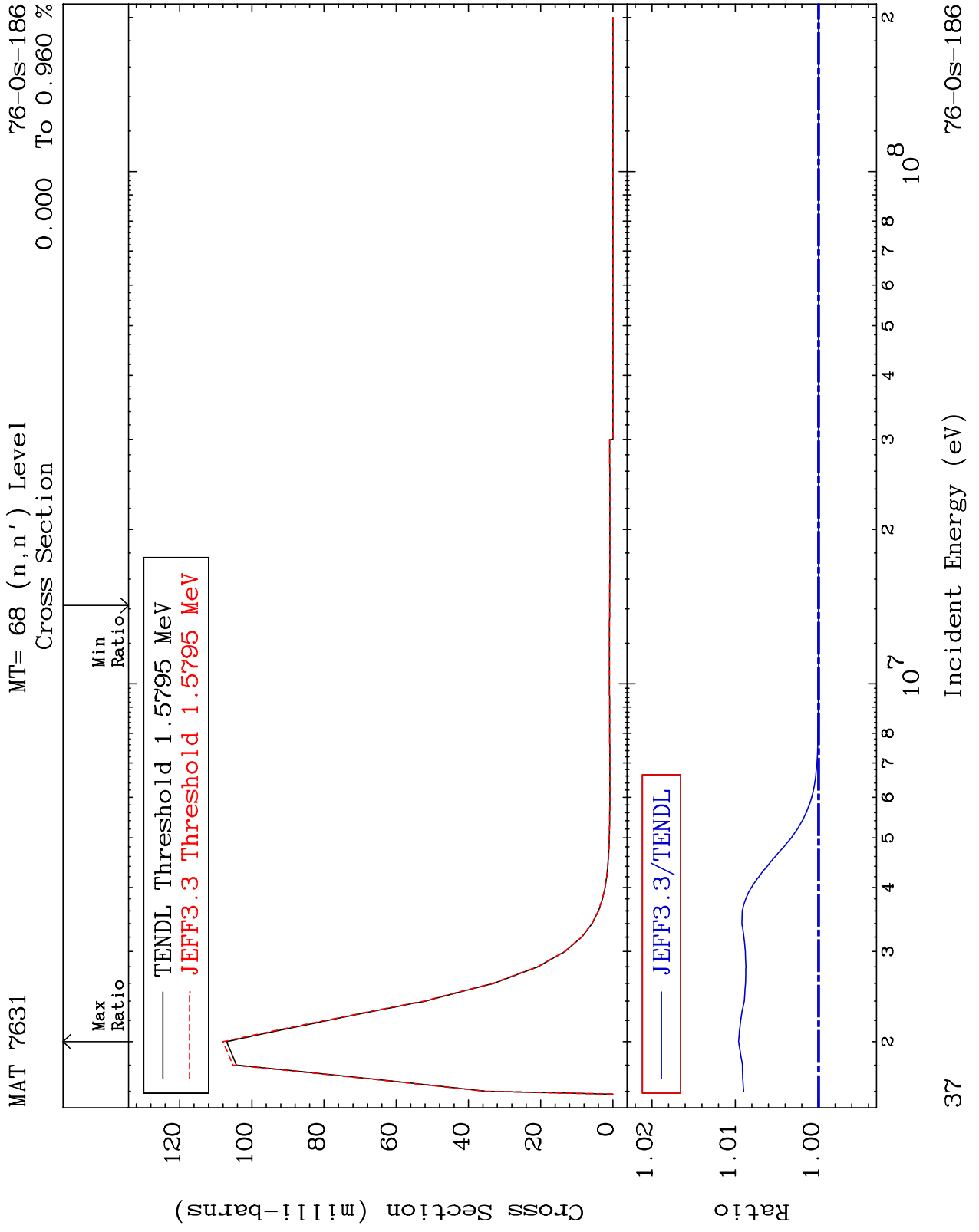


MAT 7631

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

76-0s-186
0.000 To 4.681 %

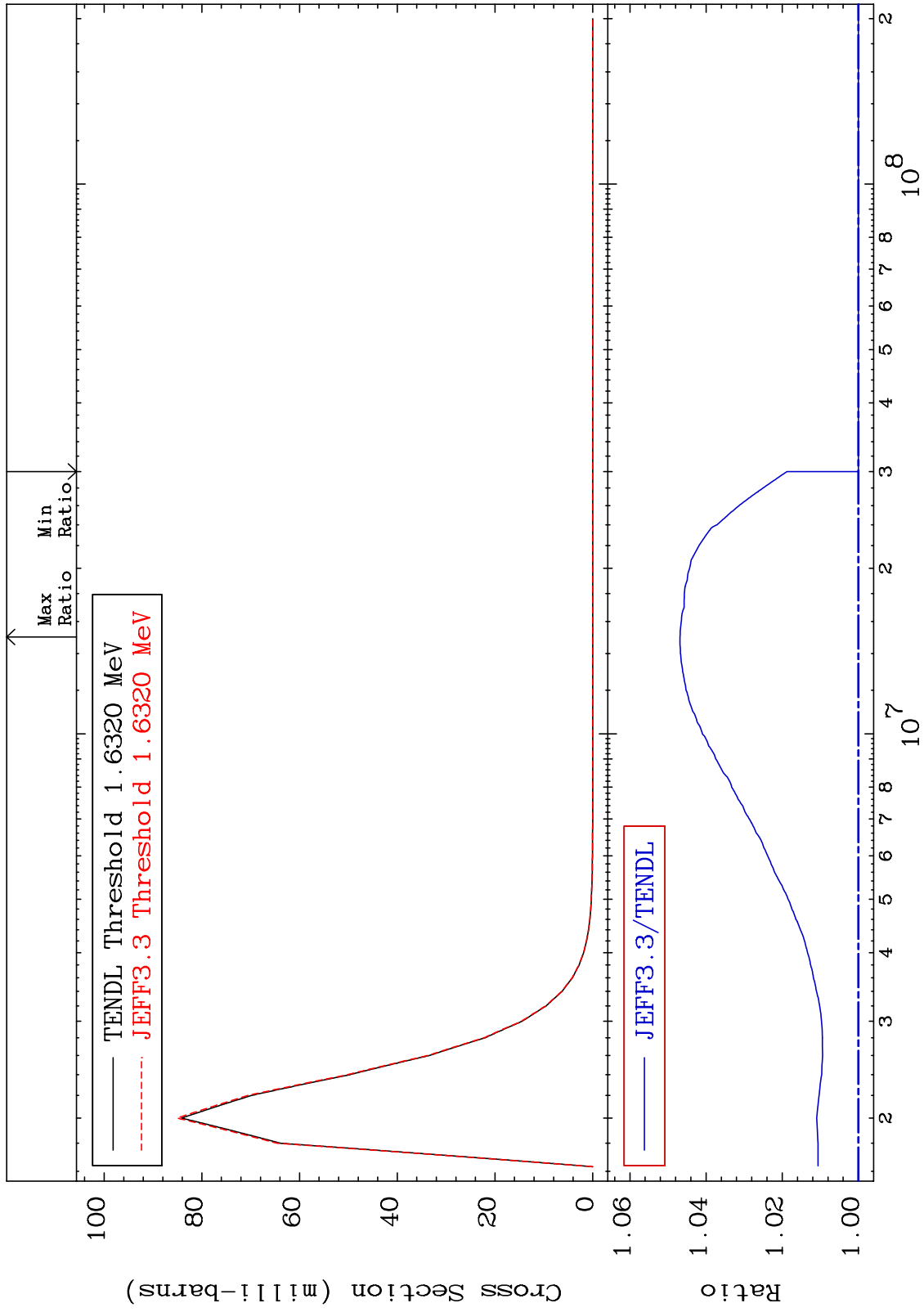




MAT 7631

MT= 69 (n, n') Level
Cross Section

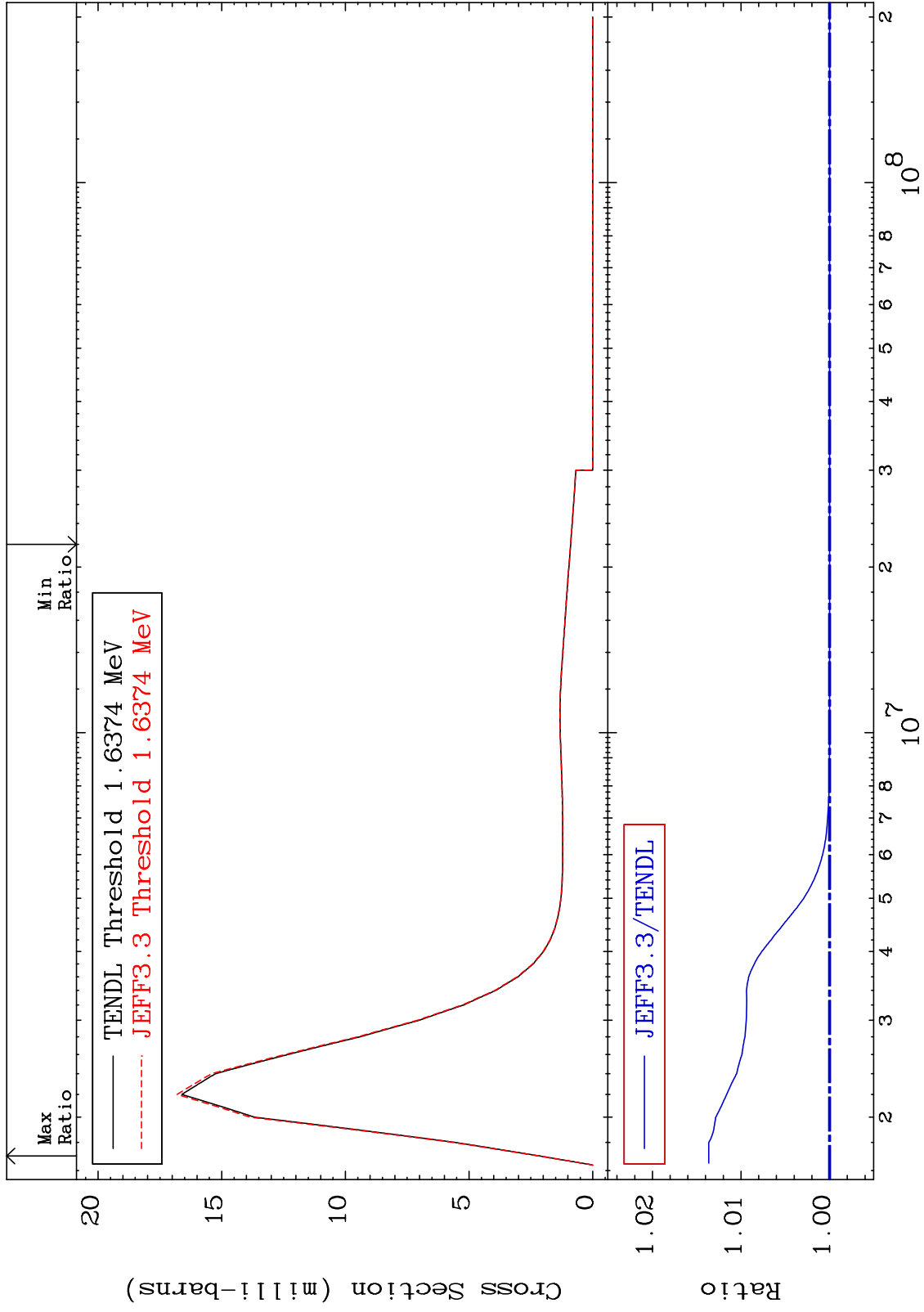
76-0s-186
0.000 To 4.684 %



MAT 7631

MT= 70 (n, n') Level
Cross Section

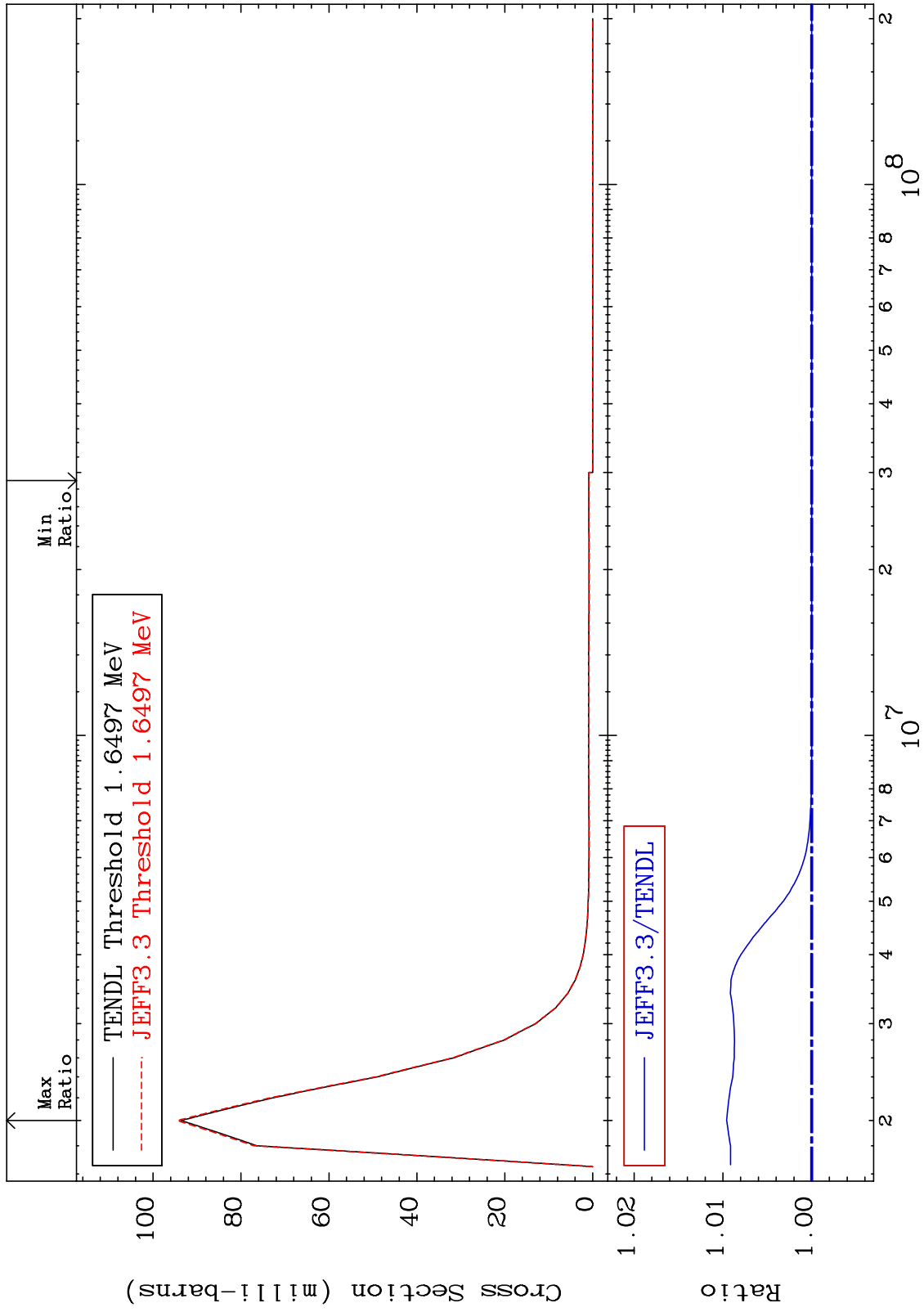
76-0s-186
0.000 To 1.363 %



MAT 7631

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

76-0s-186
0.000 To 0.957 %

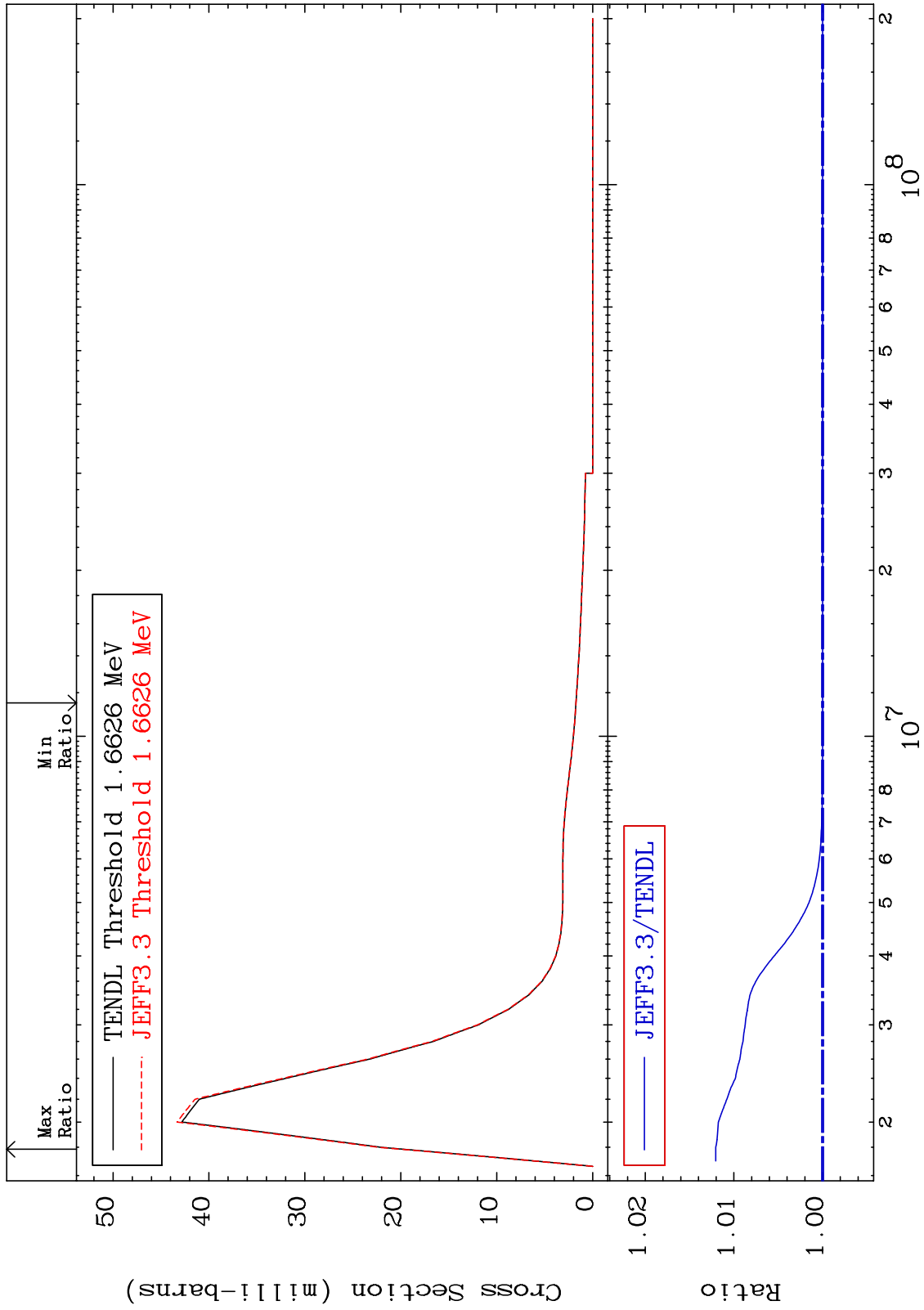


40

Incident Energy (eV)

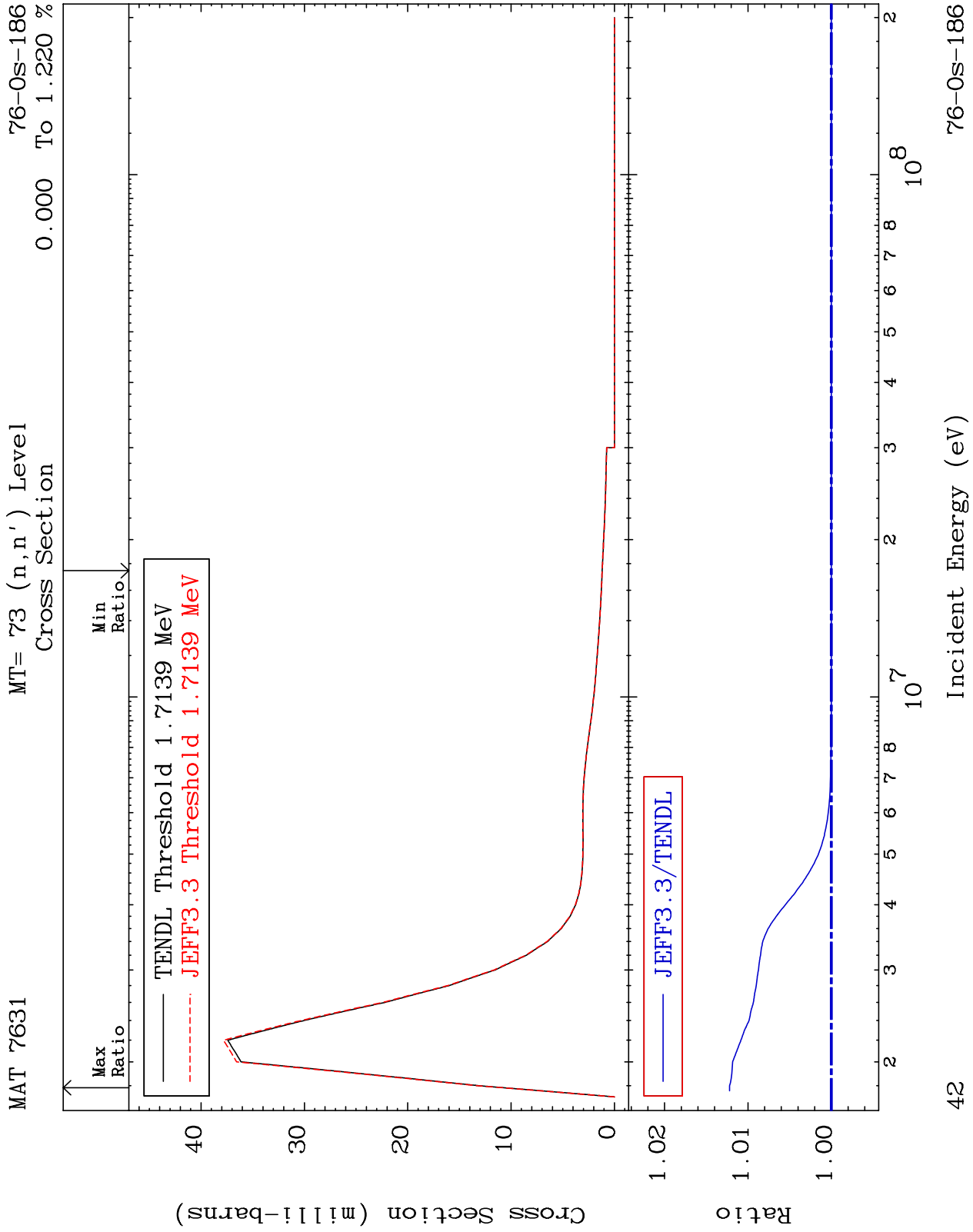
76-0s-186

MAT 7631 MT= 72 (n,n') Level Cross Section 76-0s-186 To 1.205 %



76-0s-186

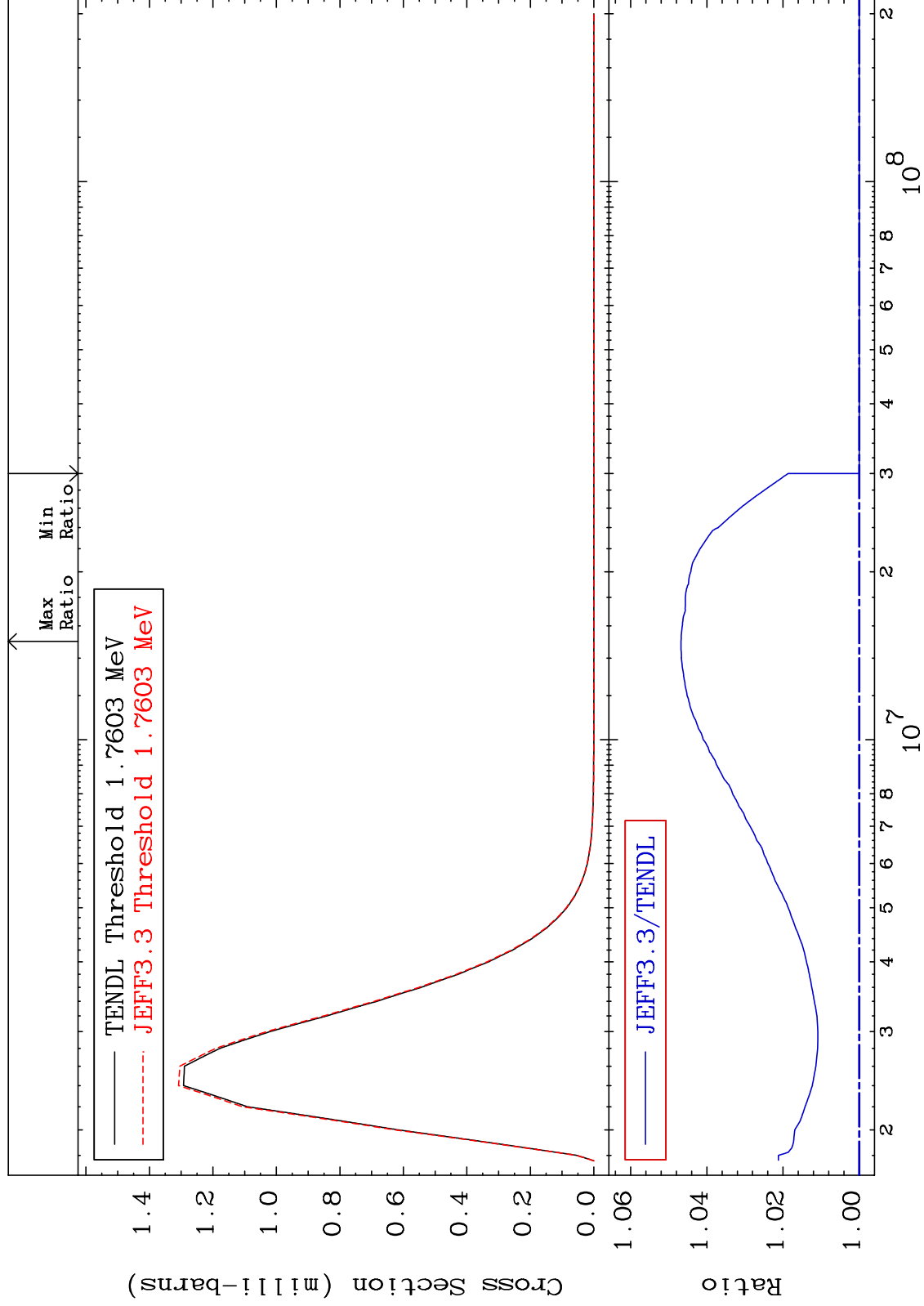
Incident Energy (eV)

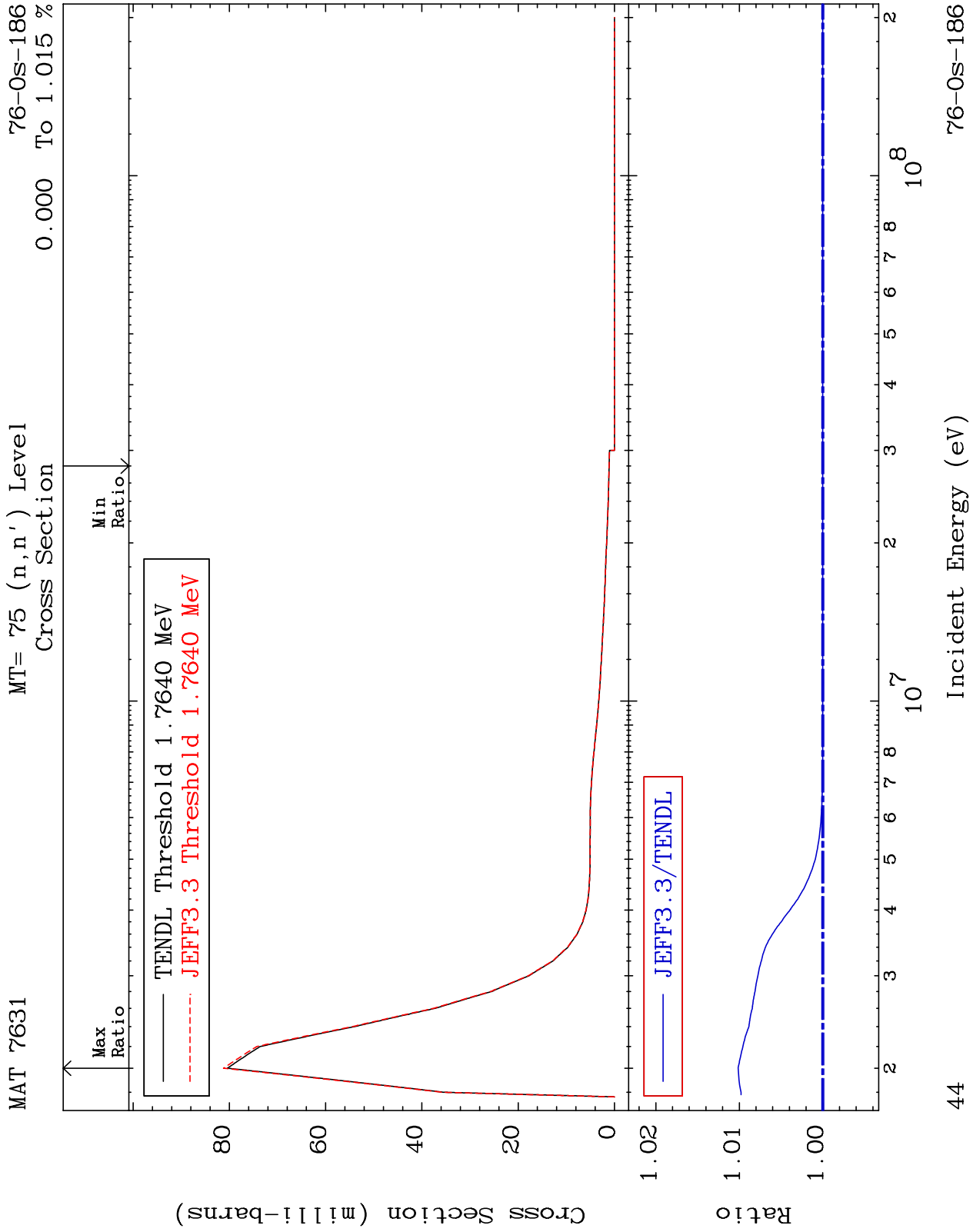


MAT 7631

MT= 74 (n,n') Level
Cross Section

76-0s-186
0.000 To 4.676 %

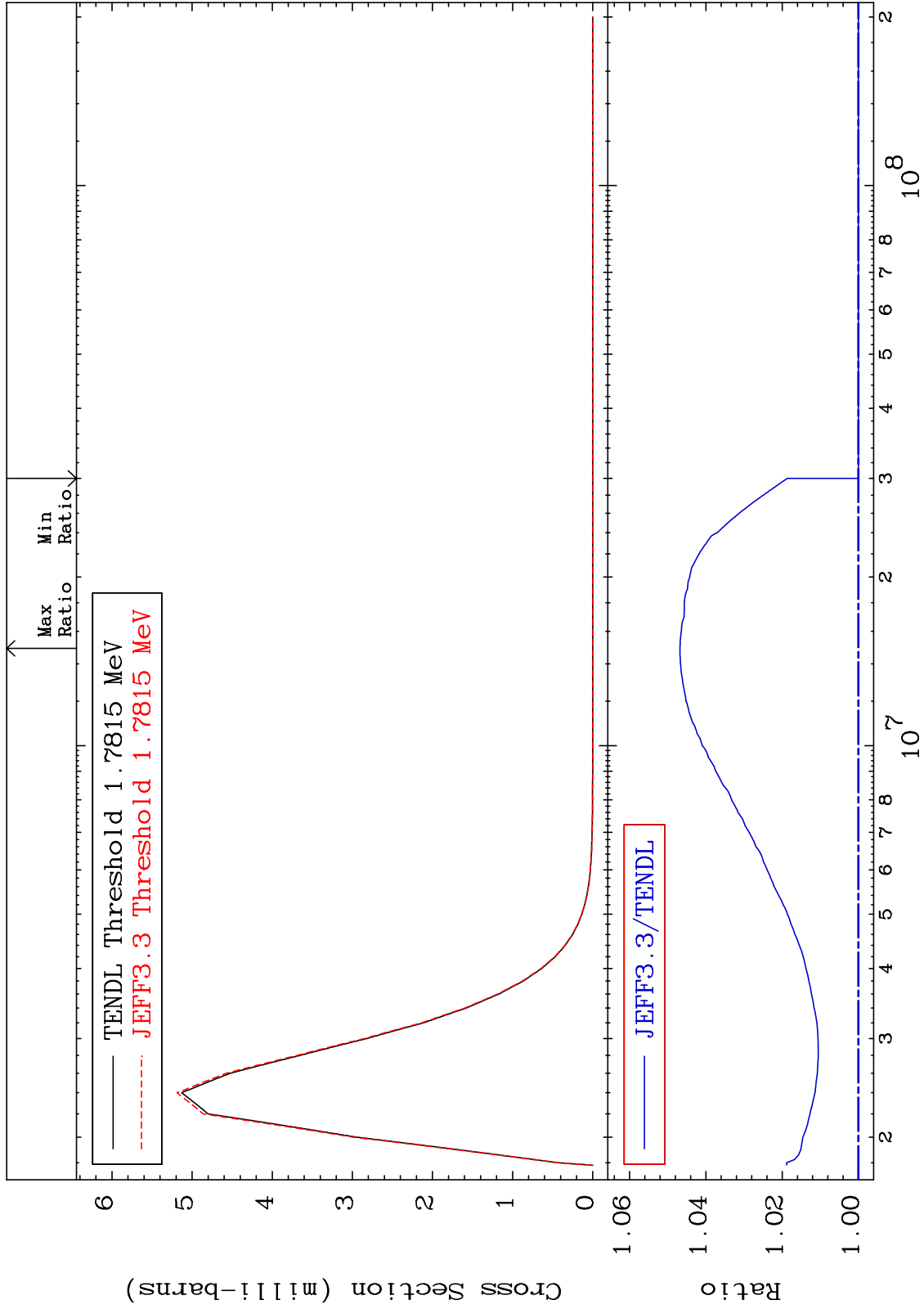




MAT 7631

MT= 76 (n,n') Level
Cross Section

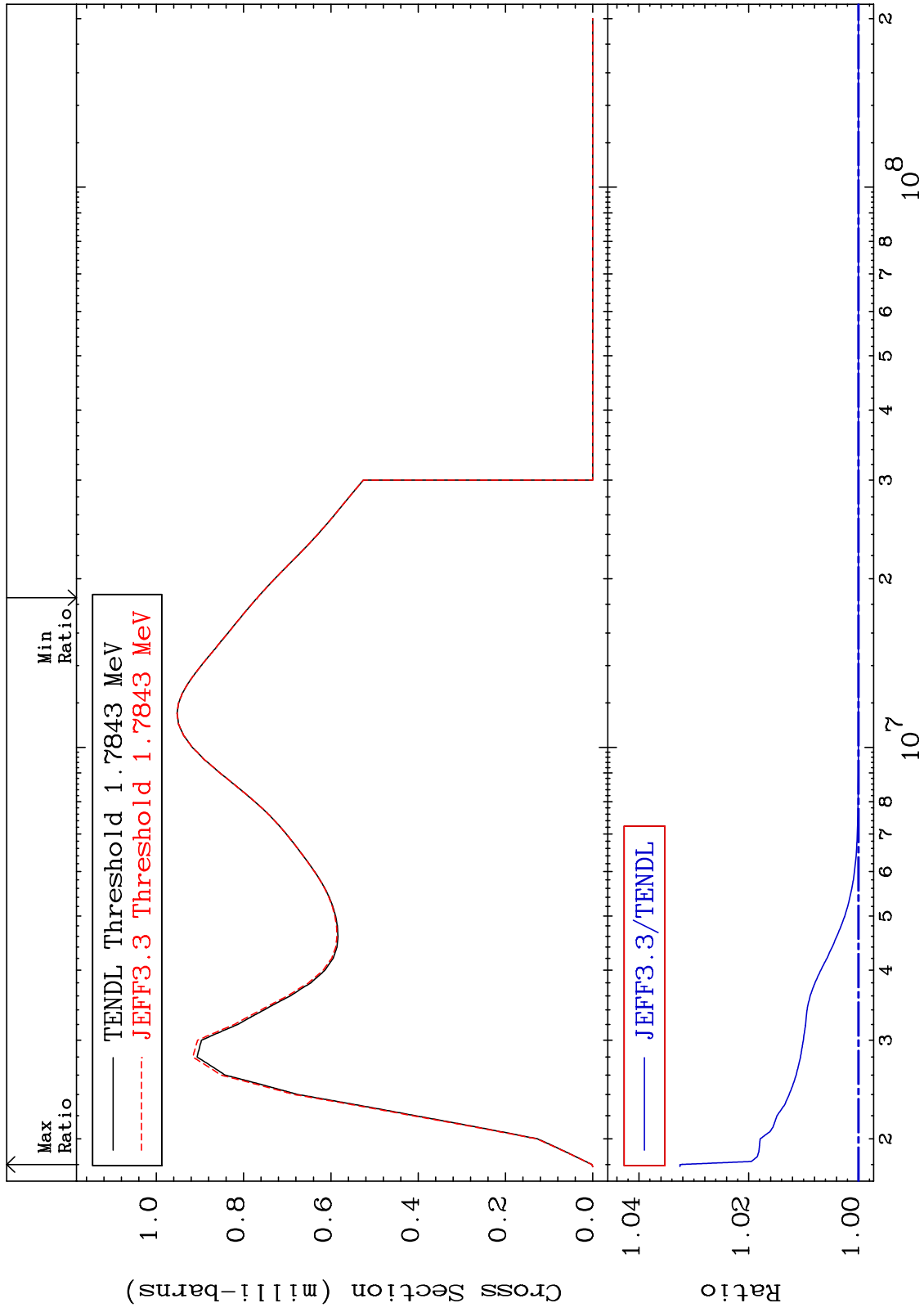
76-0s-186
0.000 To 4.679 %



MAT 7631

MT= 77 (n,n') Level
Cross Section

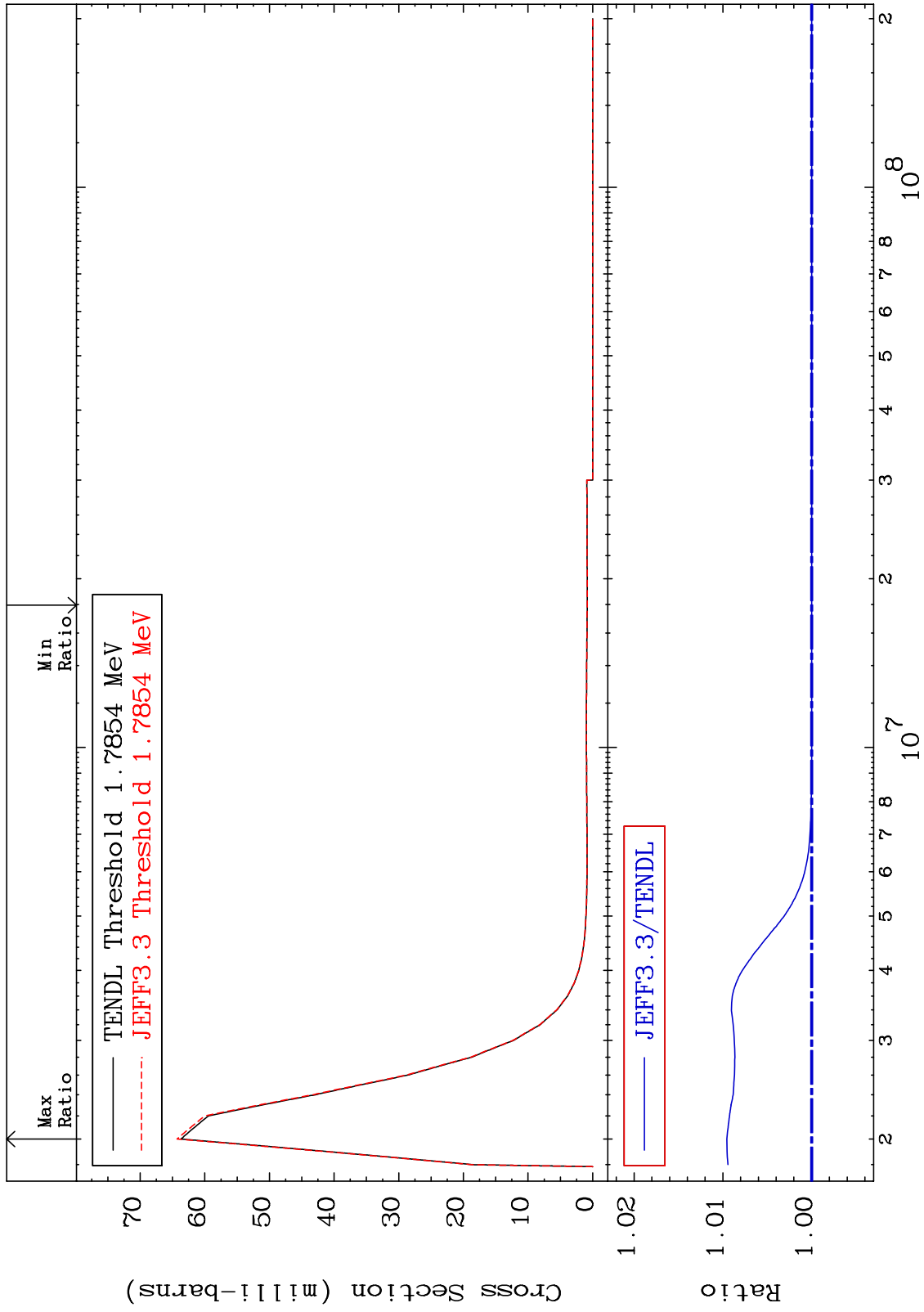
76-0s-186
0.000 To 3.251 %



MAT 7631

MT= 78 (n,n') Level
Cross Section

76-0s-186
0.000 To 0.956 %



47

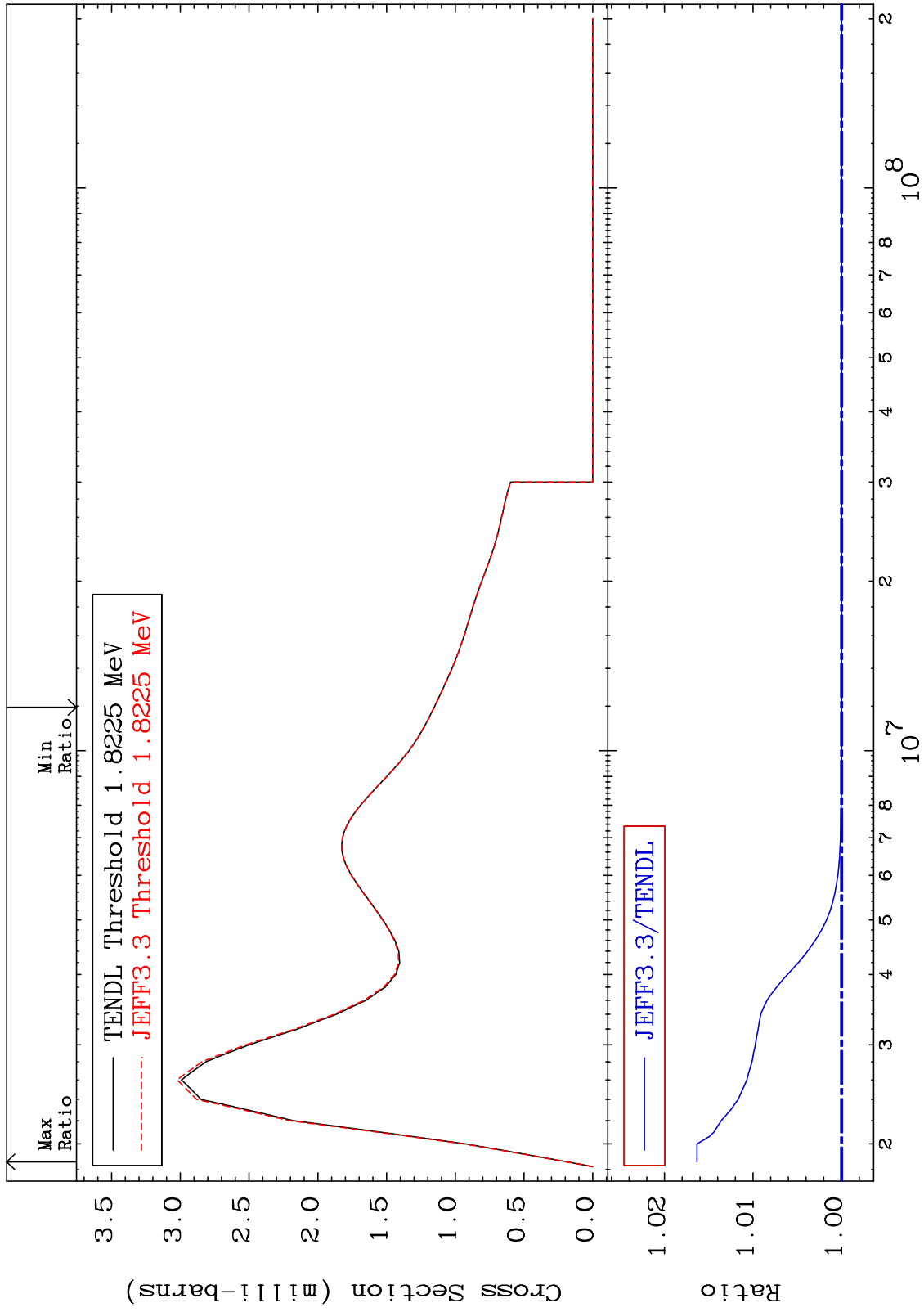
Incident Energy (eV)

76-0s-186

MAT 7631

MT= 79 (n,n') Level
Cross Section

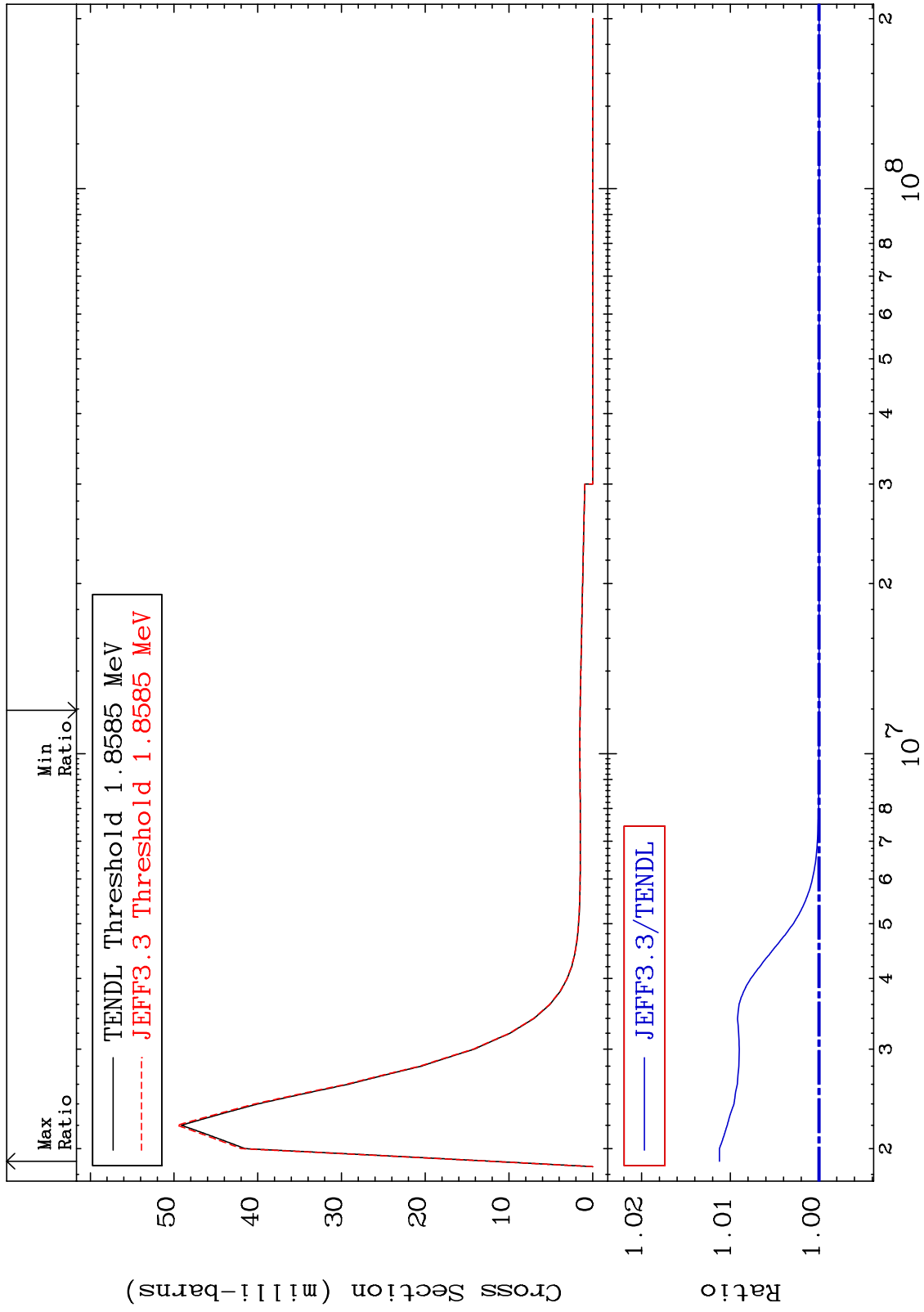
76-0s-186
0.000 To 1.634 %



MAT 7631

MT= 80 (n,n') Level
Cross Section

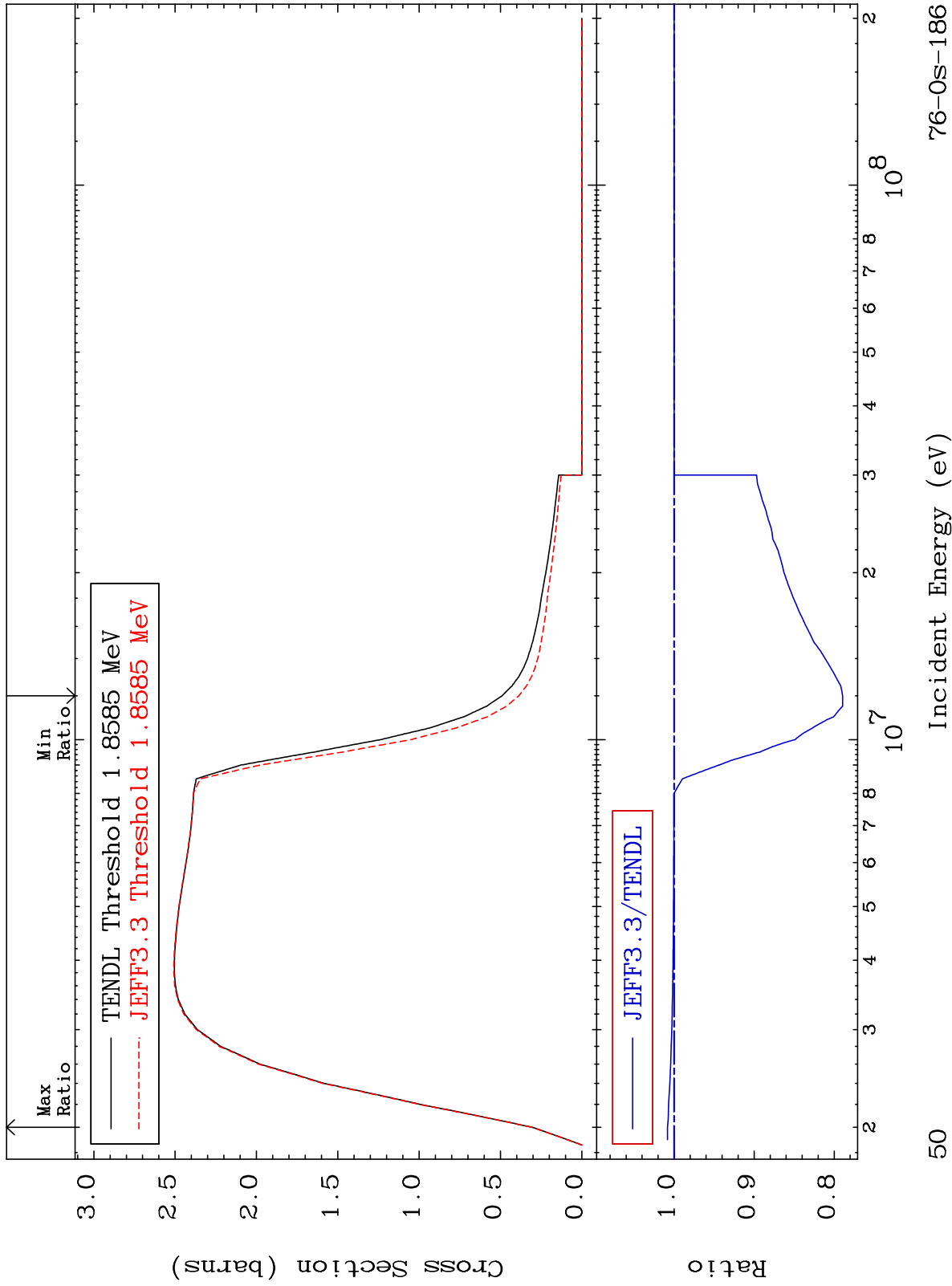
76-0s-186
0.000 To 1.123 %



MAT 7631

(n, n') Continuum
Cross Section

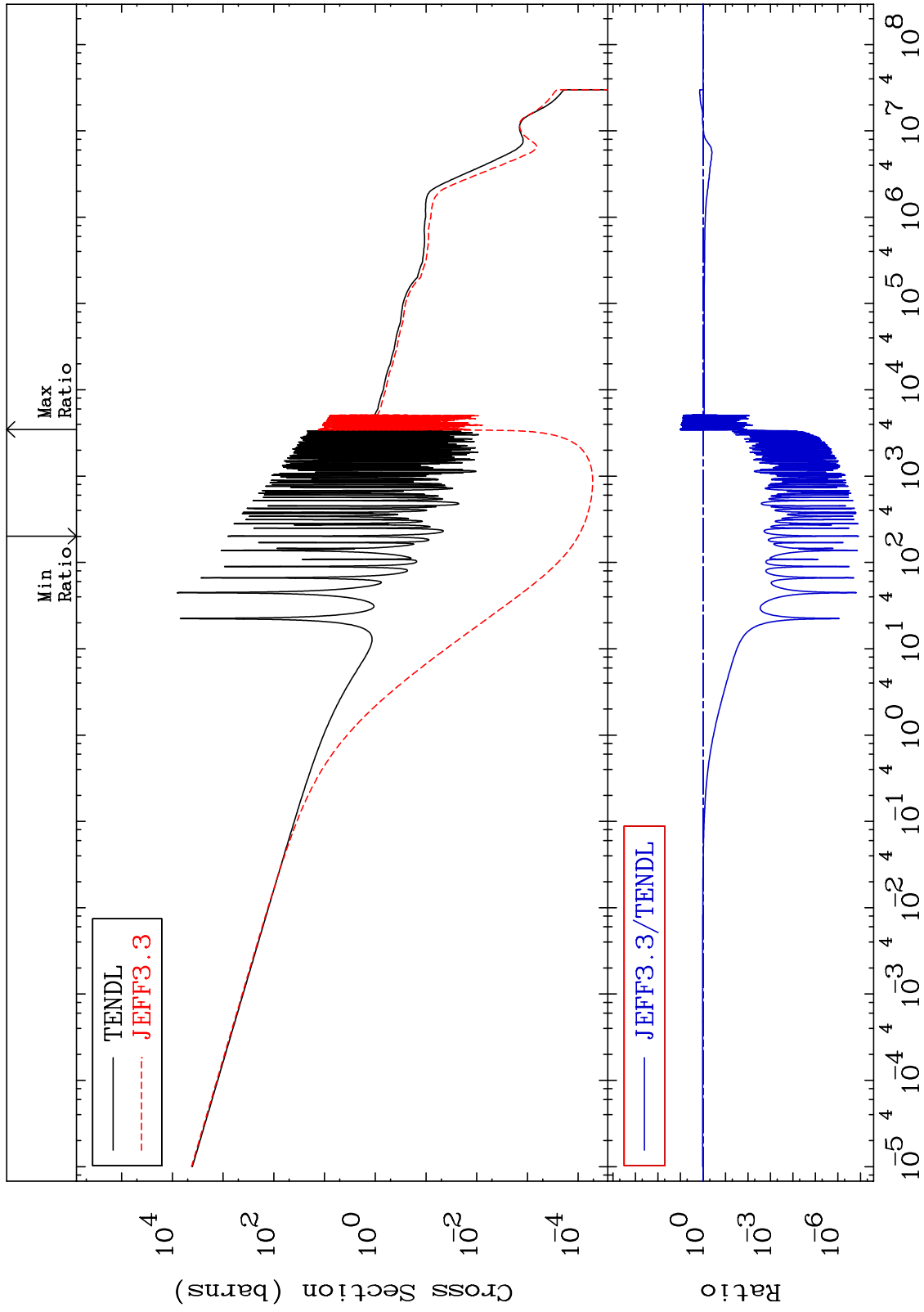
76-0s-186
-21.06 To 0.817 %



MAT 7631

(n, γ)
Cross Section

76-0s-186
-100.0 To 948.6 %



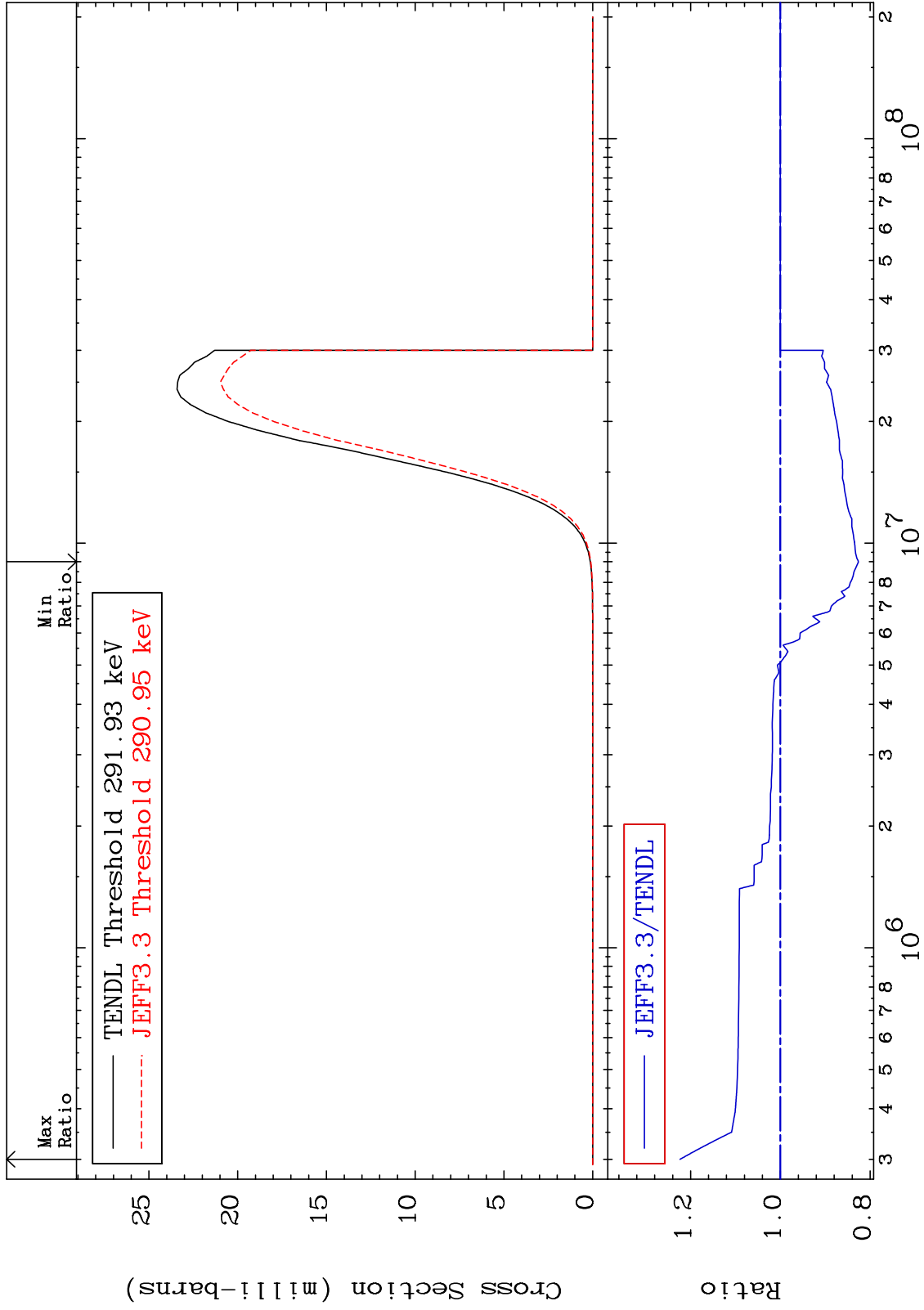
MAT 7631

(n, p)

76-0s-186

Cross Section

-17.39 To 22.36 %



52

Incident Energy (eV)

76-0s-186

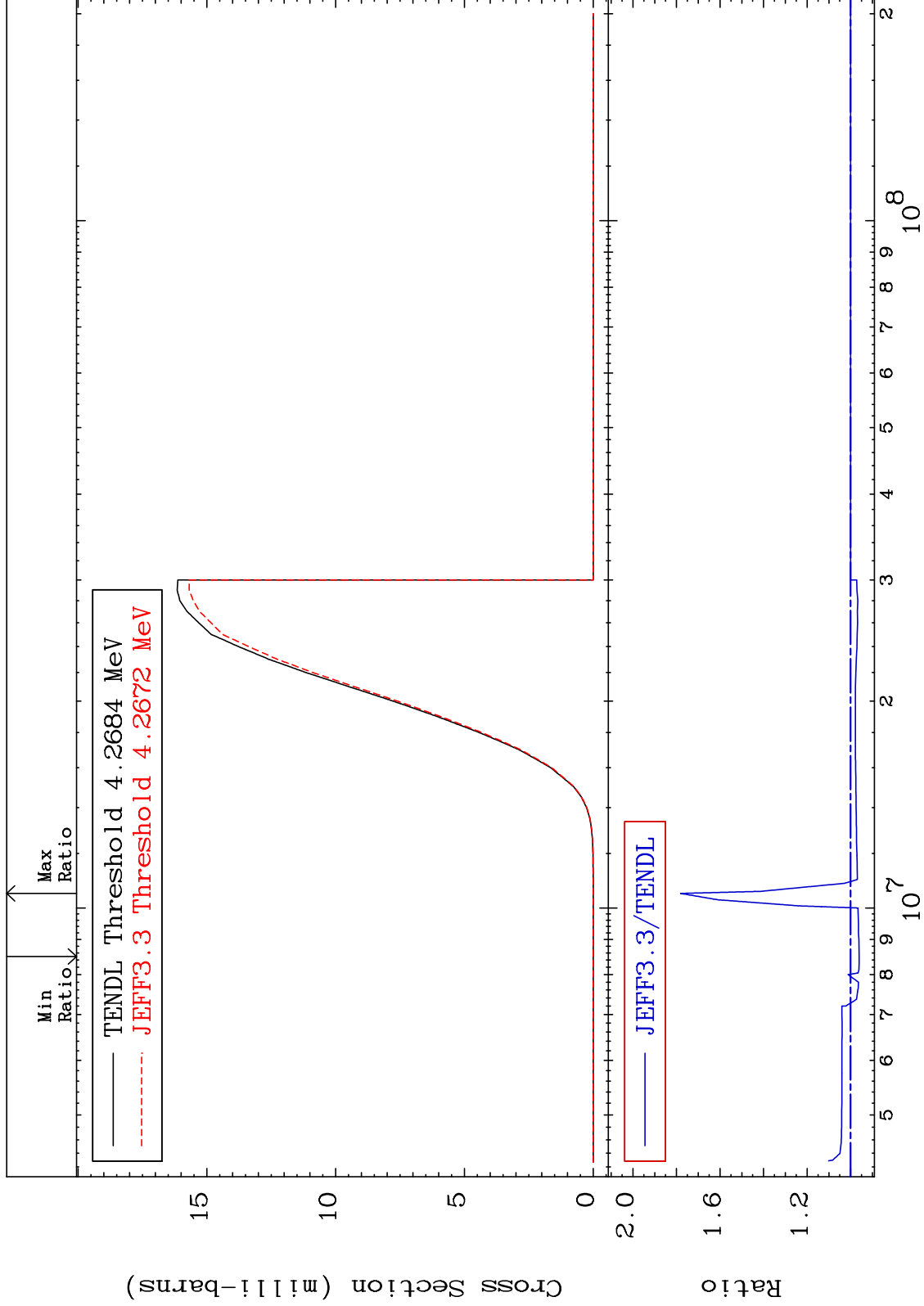
MAT 7631

(n, d)

76-0s-186

Cross Section

-3.895 To 78.10 %



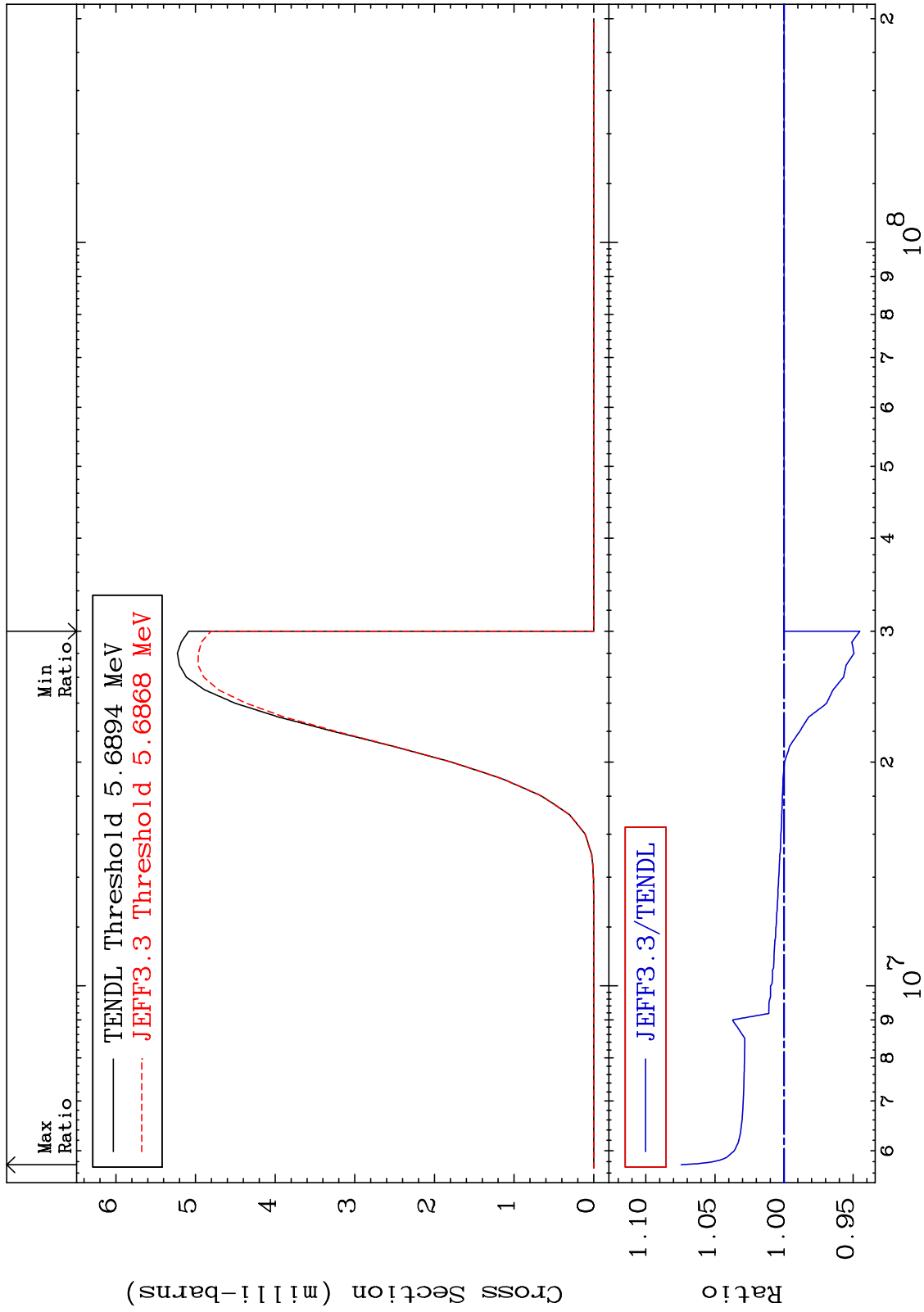
MAT 7631

(n, t)

76-0s-186

Cross Section

-5.490 To 7.438 %



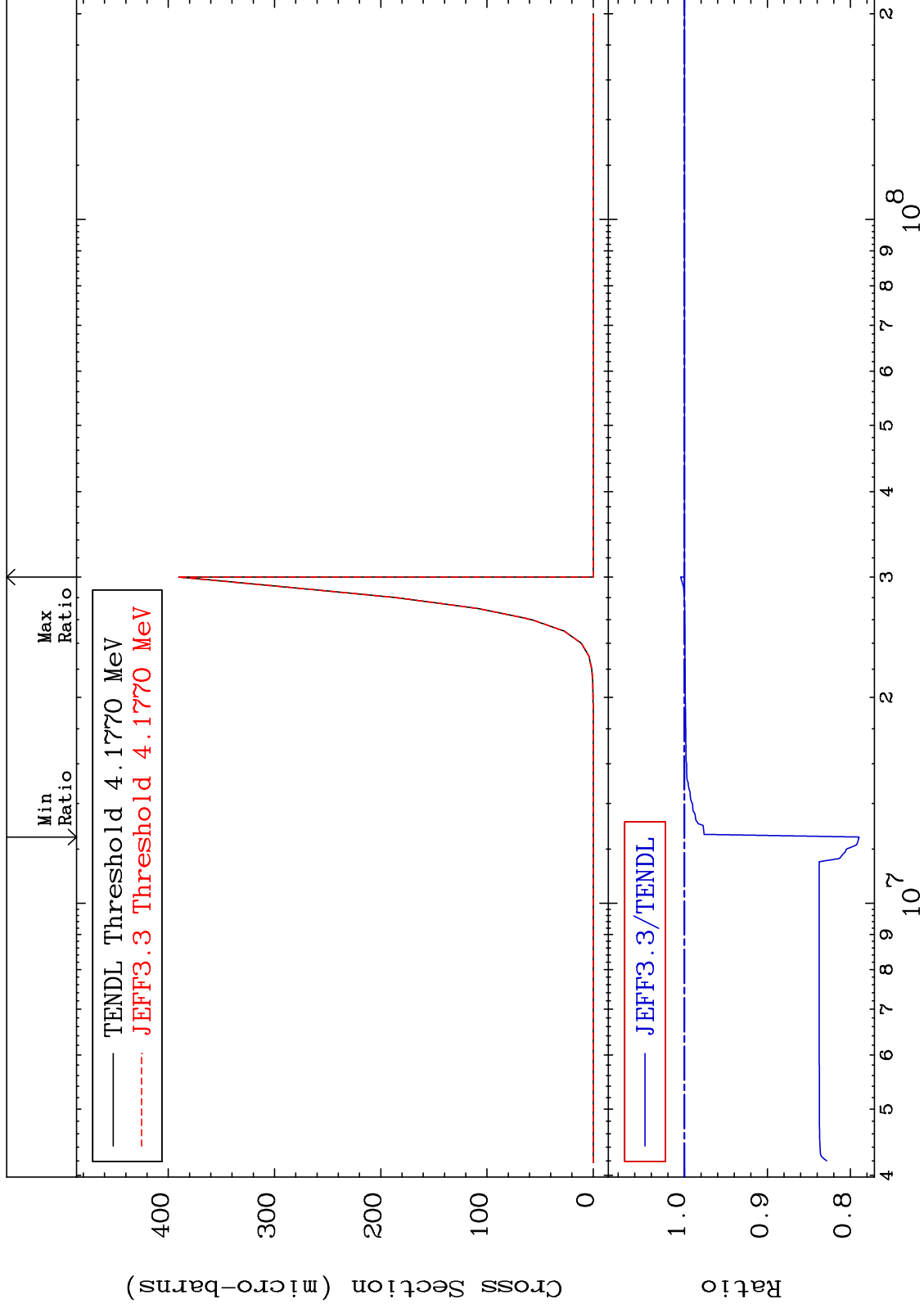
MAT 7631

(n, He-3)

76-0s-186

Cross Section

-21.06 To 0.461 %



55

Incident Energy (eV)

76-0s-186

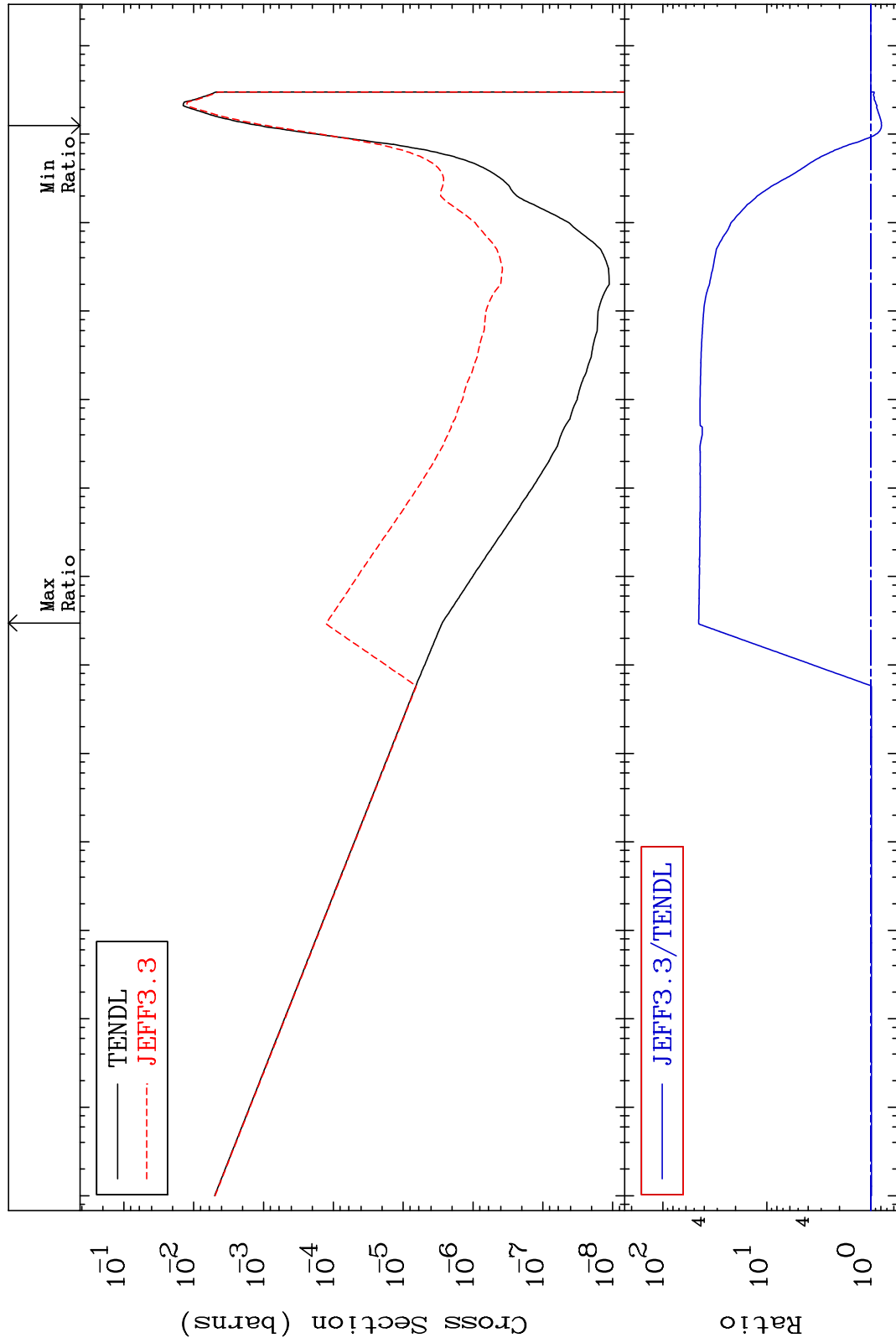
MAT 7631

(n, α)

76-0s-186

Cross Section

-21.23 To 4417. %



56

Incident Energy (eV)

76-0s-186

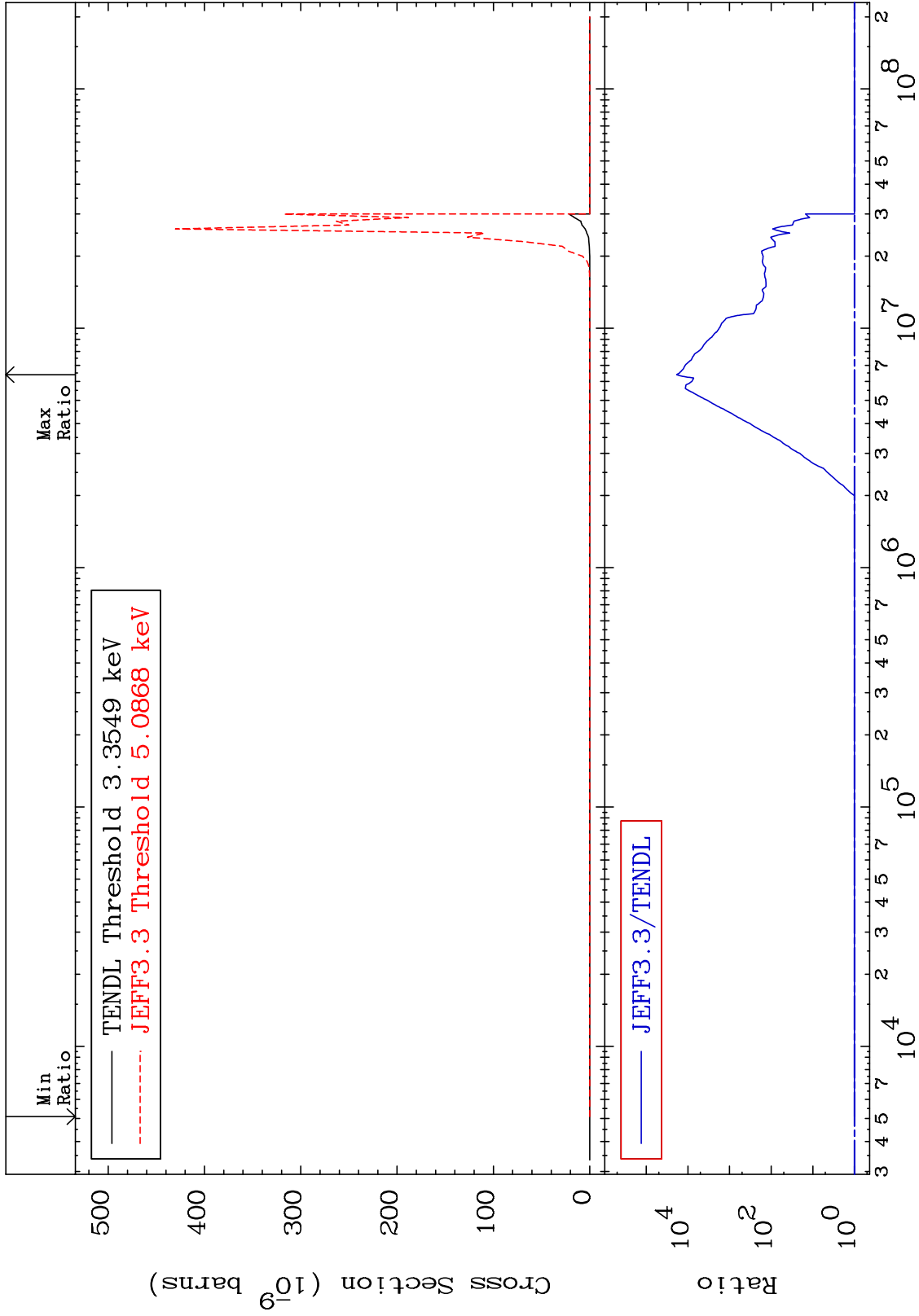
MAT 7631

(n, 2α)

76-0s-186

Cross Section

0.000 To 9999. %



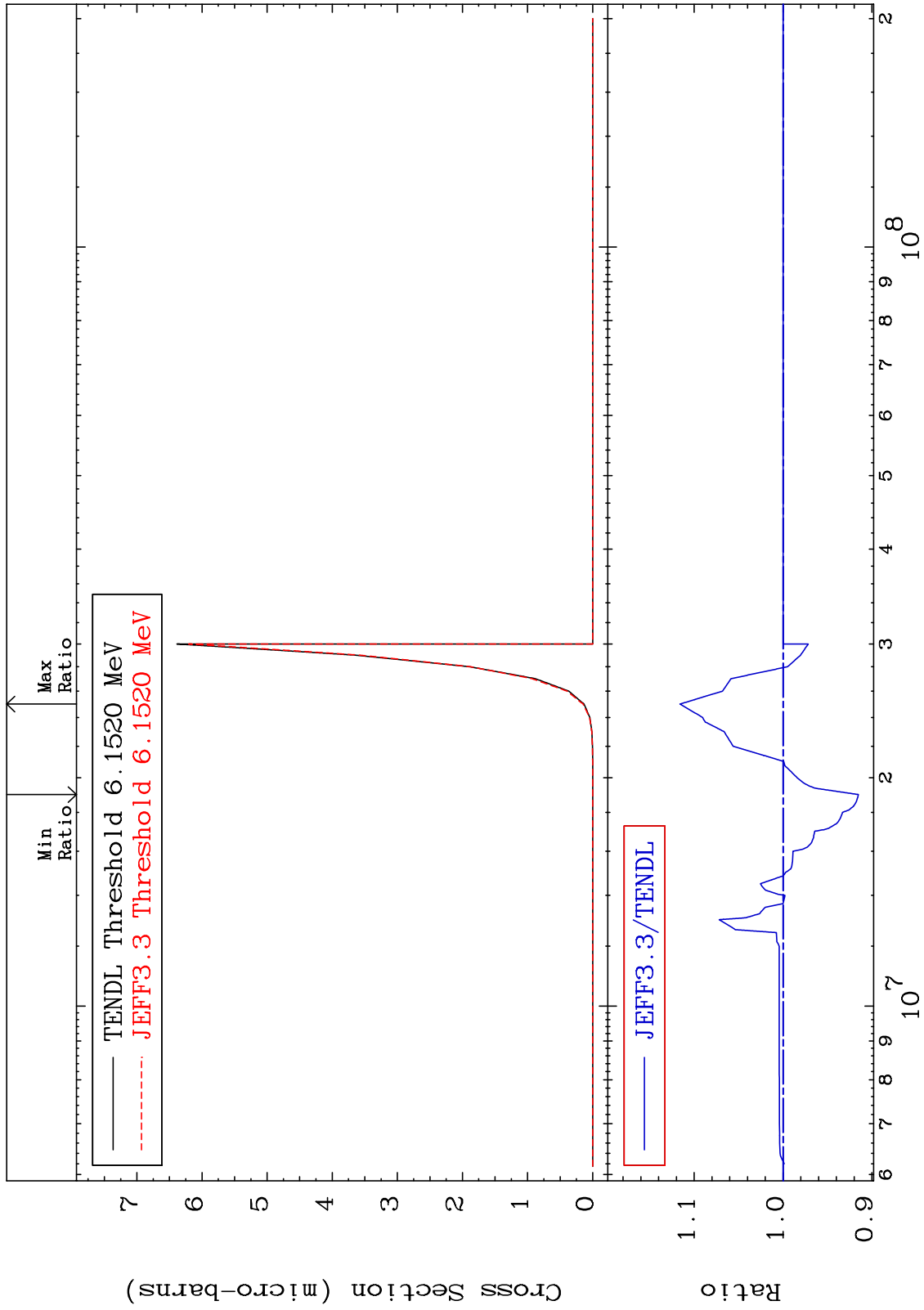
MAT 7631

(n,2p)

76-0s-186

Cross Section

-8.473 To 11.60 %



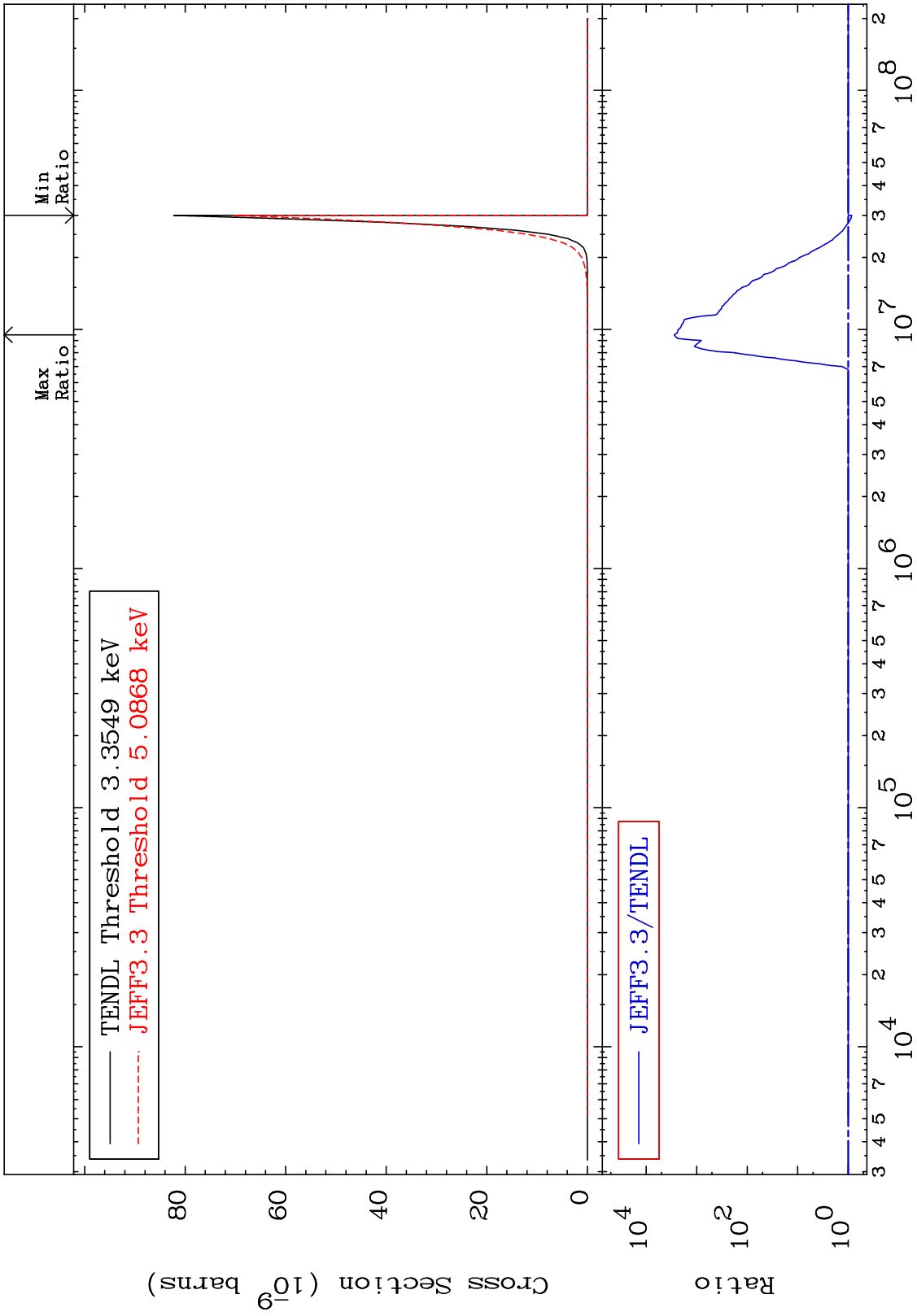
MAT 7631

(n,p) α

76-0s-186

Cross Section

-14.52 To 9999. %



59

Incident Energy (eV)

76-0s-186

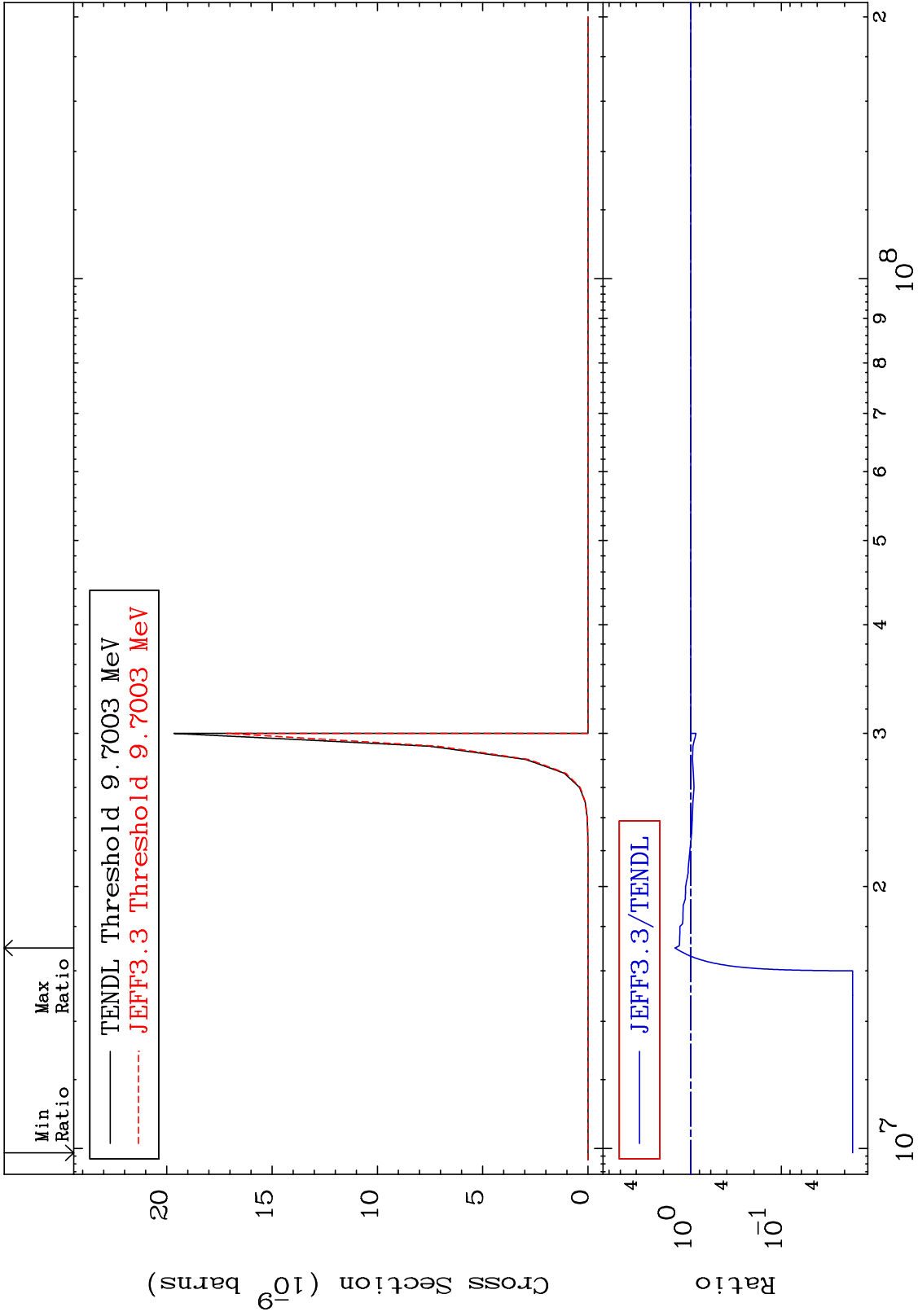
MAT 7631

(n,p) d

76-0s-186

Cross Section

-98.37 To 49.35 %



76-0s-186

Incident Energy (eV)

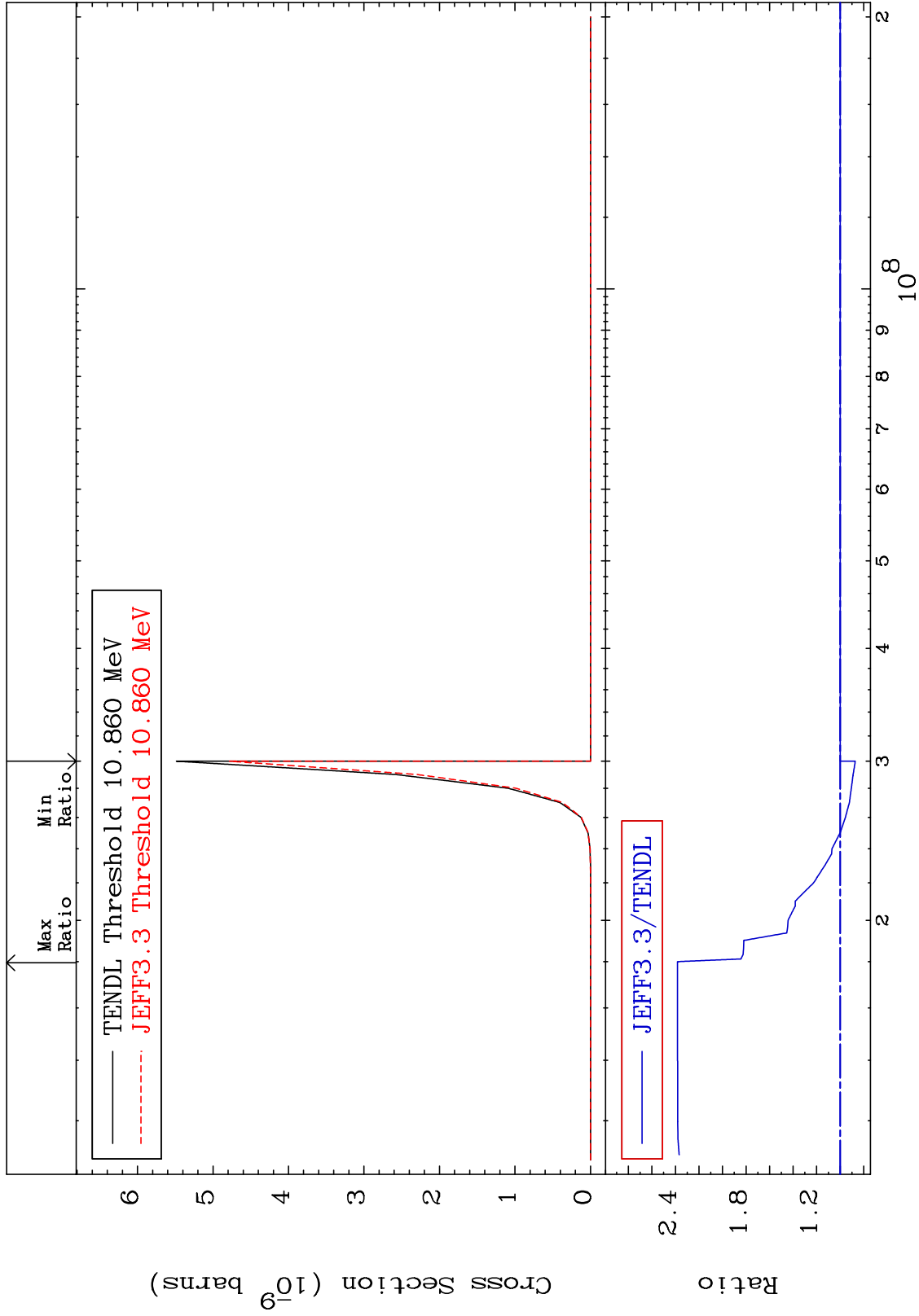
MAT 7631

(n,p) t

76-0s-186

Cross Section

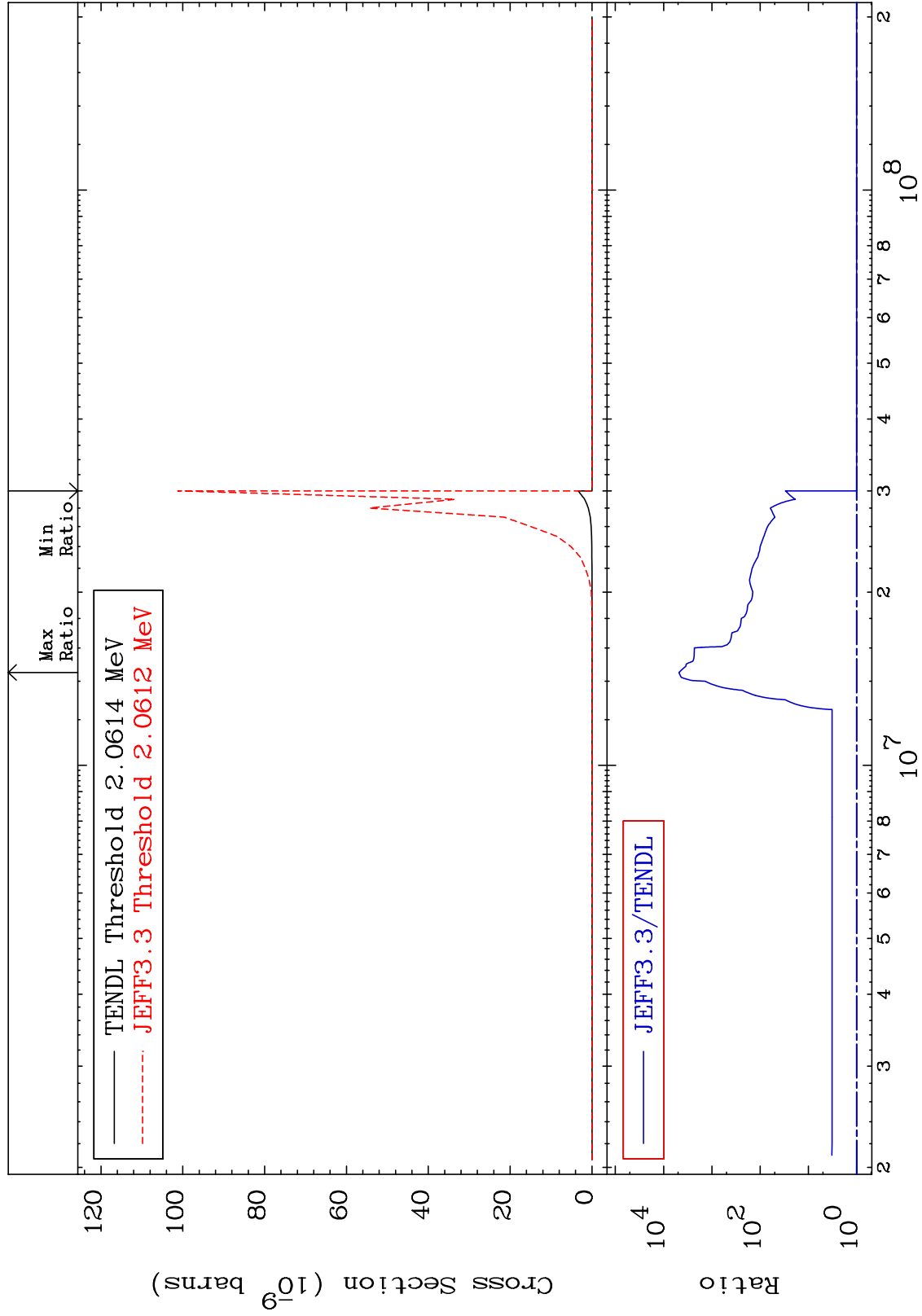
-12.82 To 138.2 %



MAT 7631

(n,d) α
Cross Section

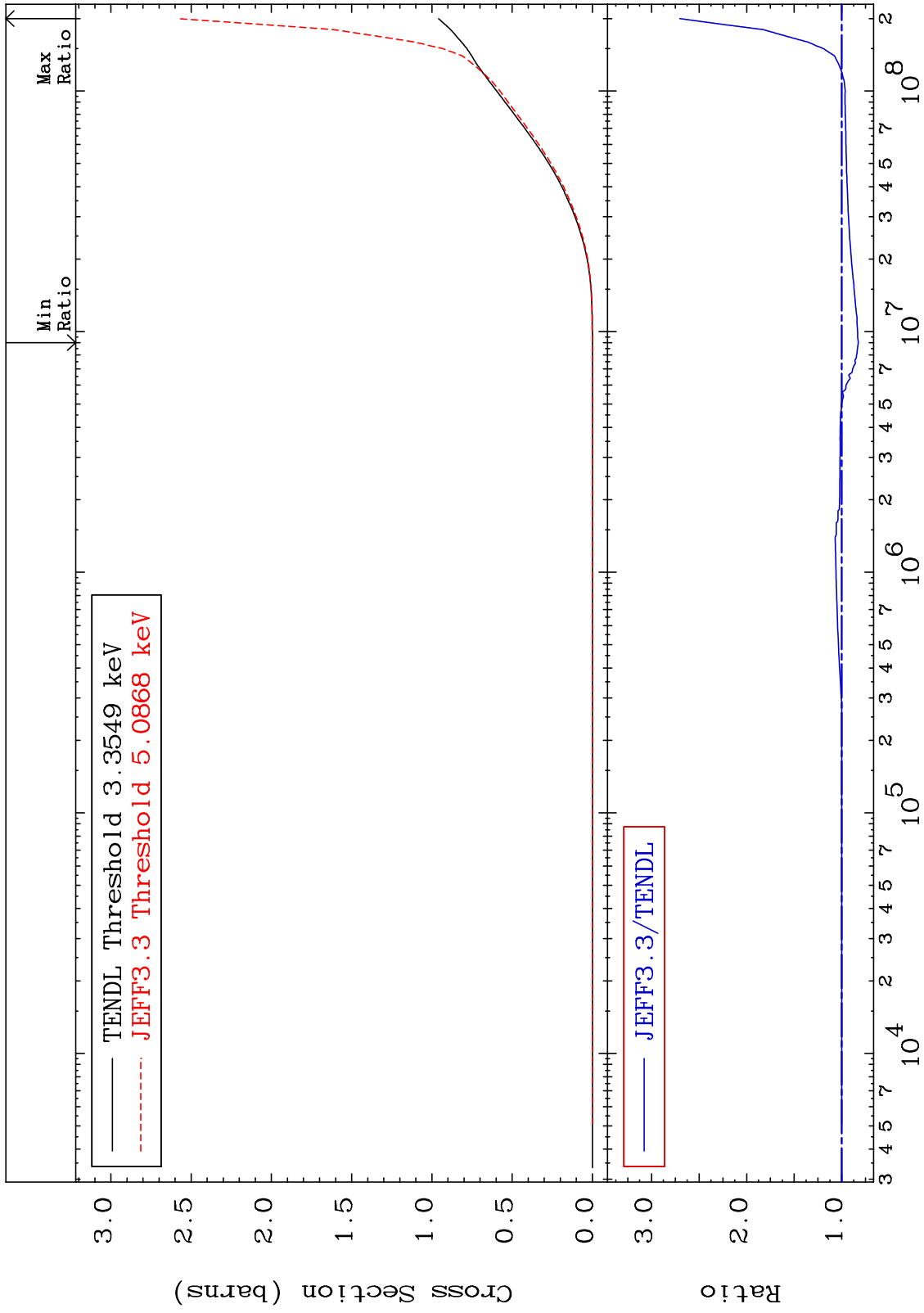
76-0s-186
To 9999. %
0.000



MAT 7631

Hydrogen Production
Cross Section

76-0s-186
-17.39 To 170.2 %



63

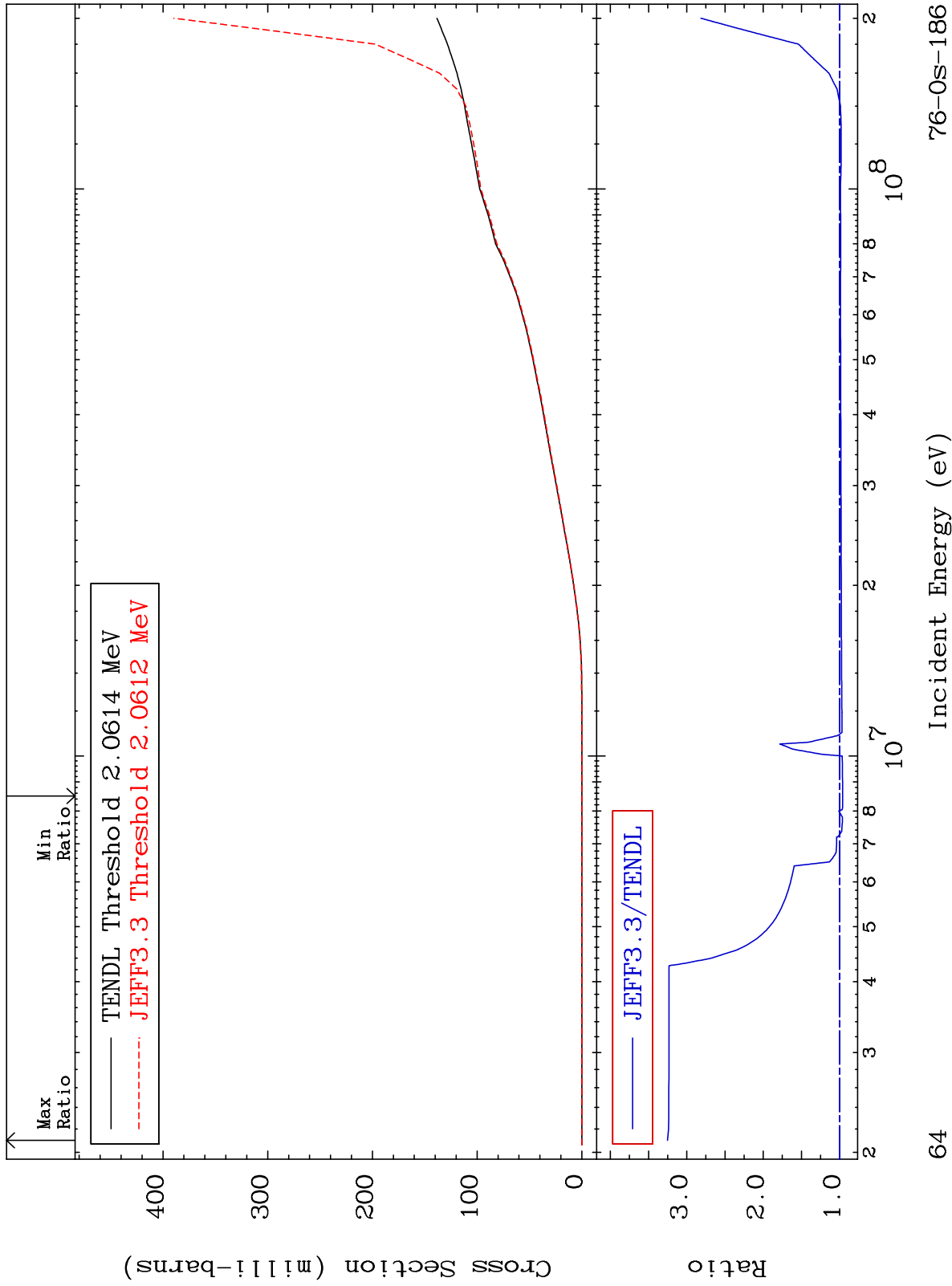
Incident Energy (eV)

76-0s-186

MAT 7631

Deuterium Production
Cross Section

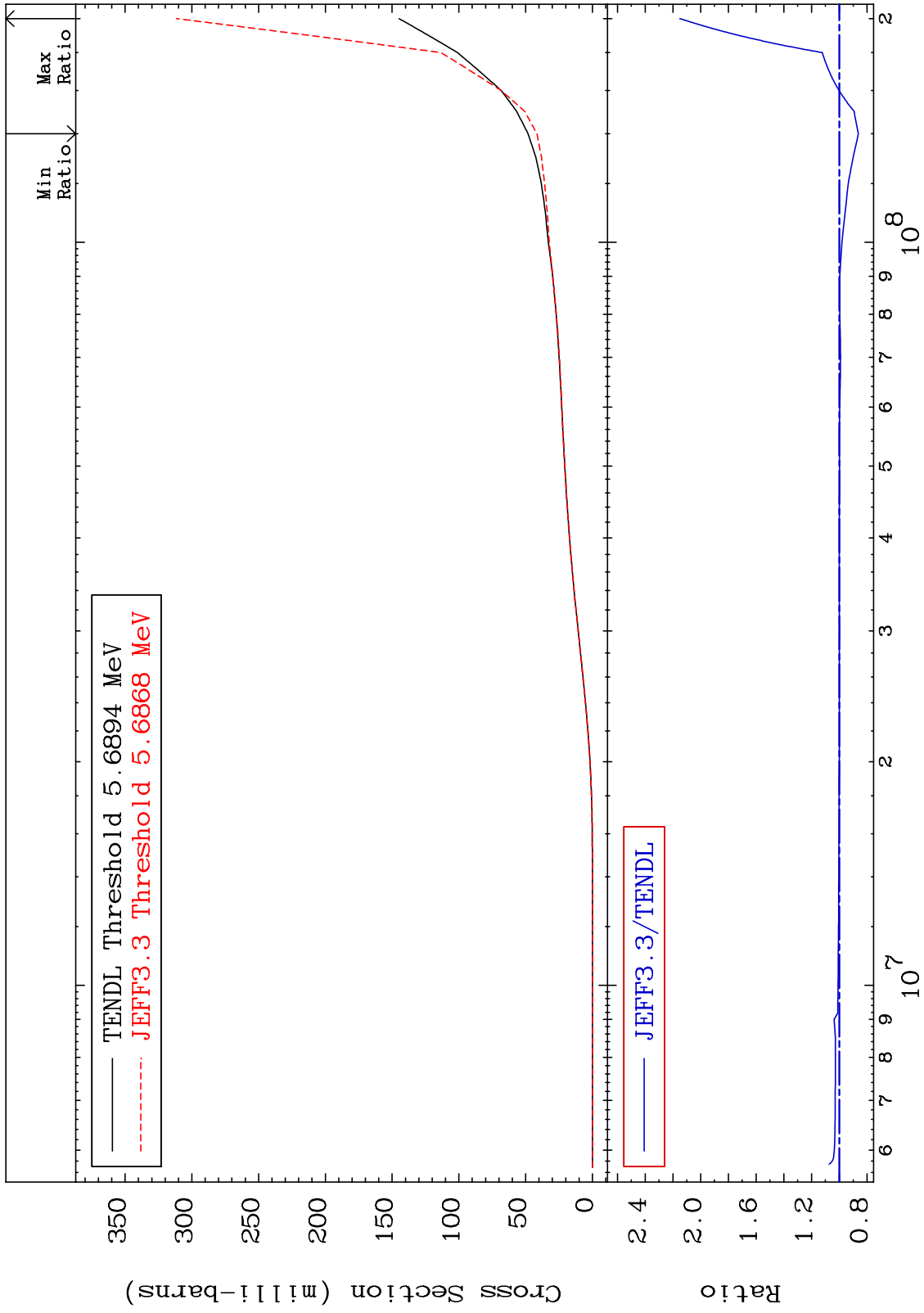
76-0s-186
-3.895 To 225.1 %



MAT 7631

Tritium Production
Cross Section

76-0s-186
-13.73 To 115.0 %



65

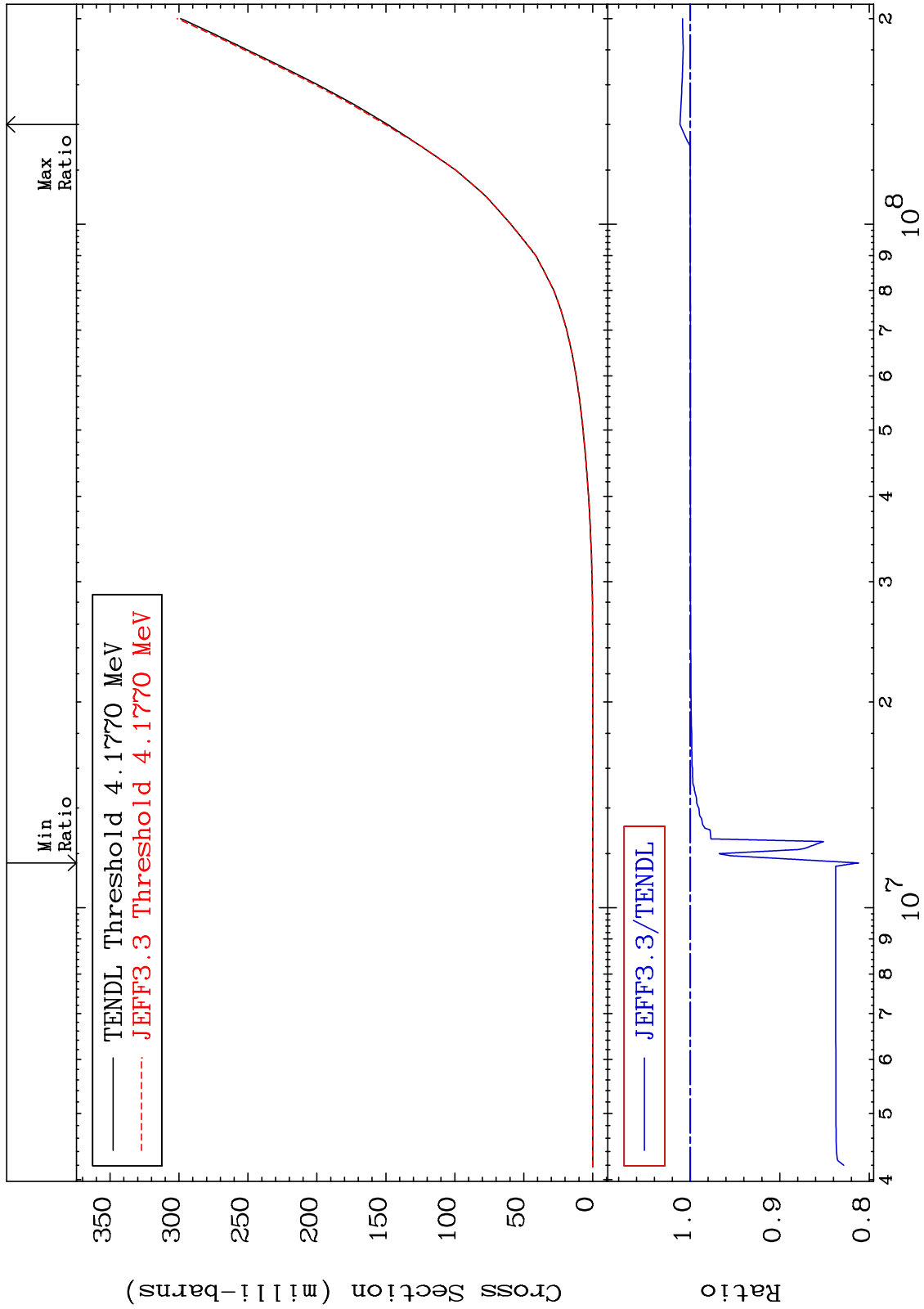
Incident Energy (eV)

76-0s-186

MAT 7631

He-3 Production
Cross Section

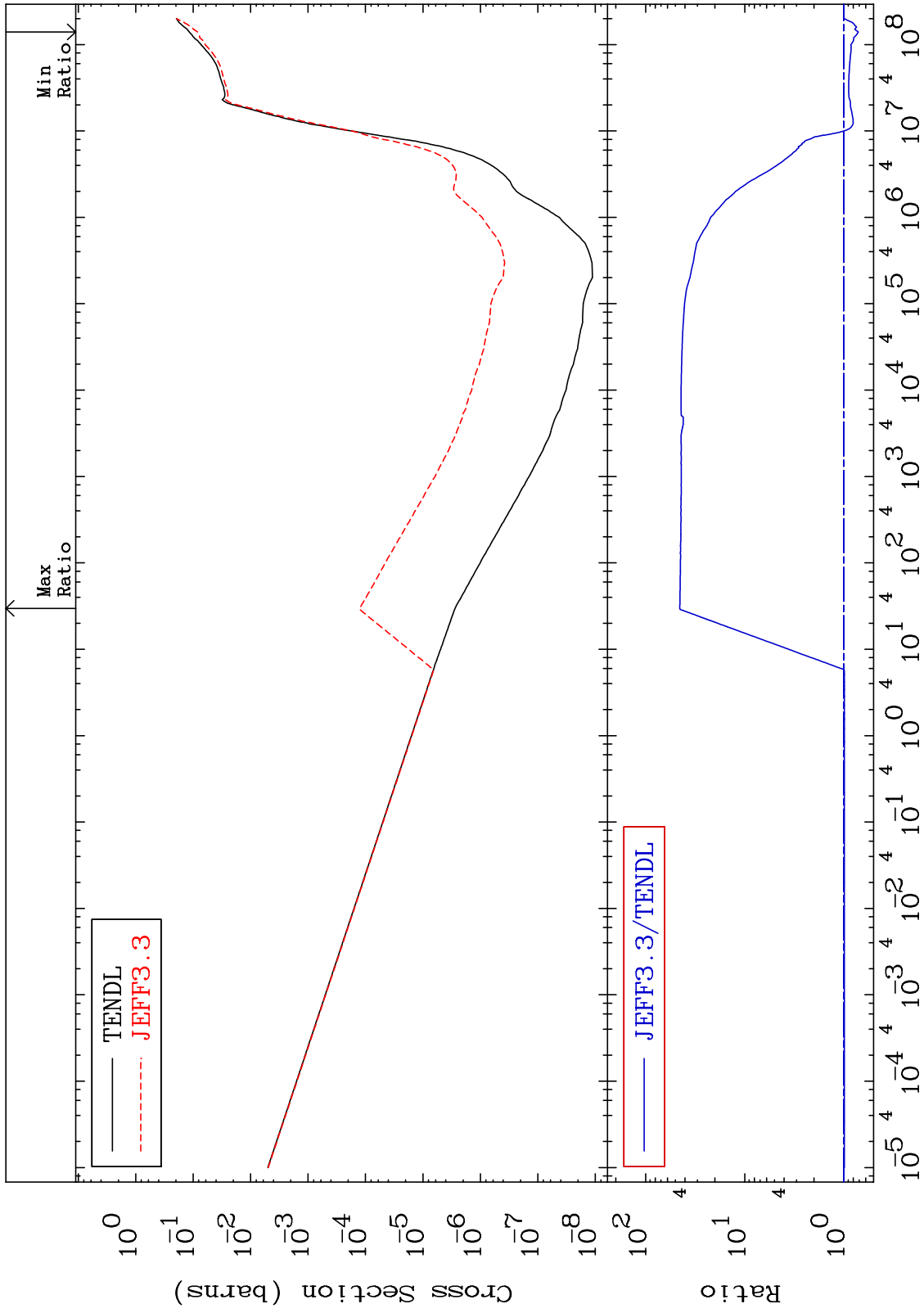
76-Os-186
-18.78 To 1.140 %



MAT 7631

He-4 Production
Cross Section

76-0s-186
-28.73 To 4417. %



67

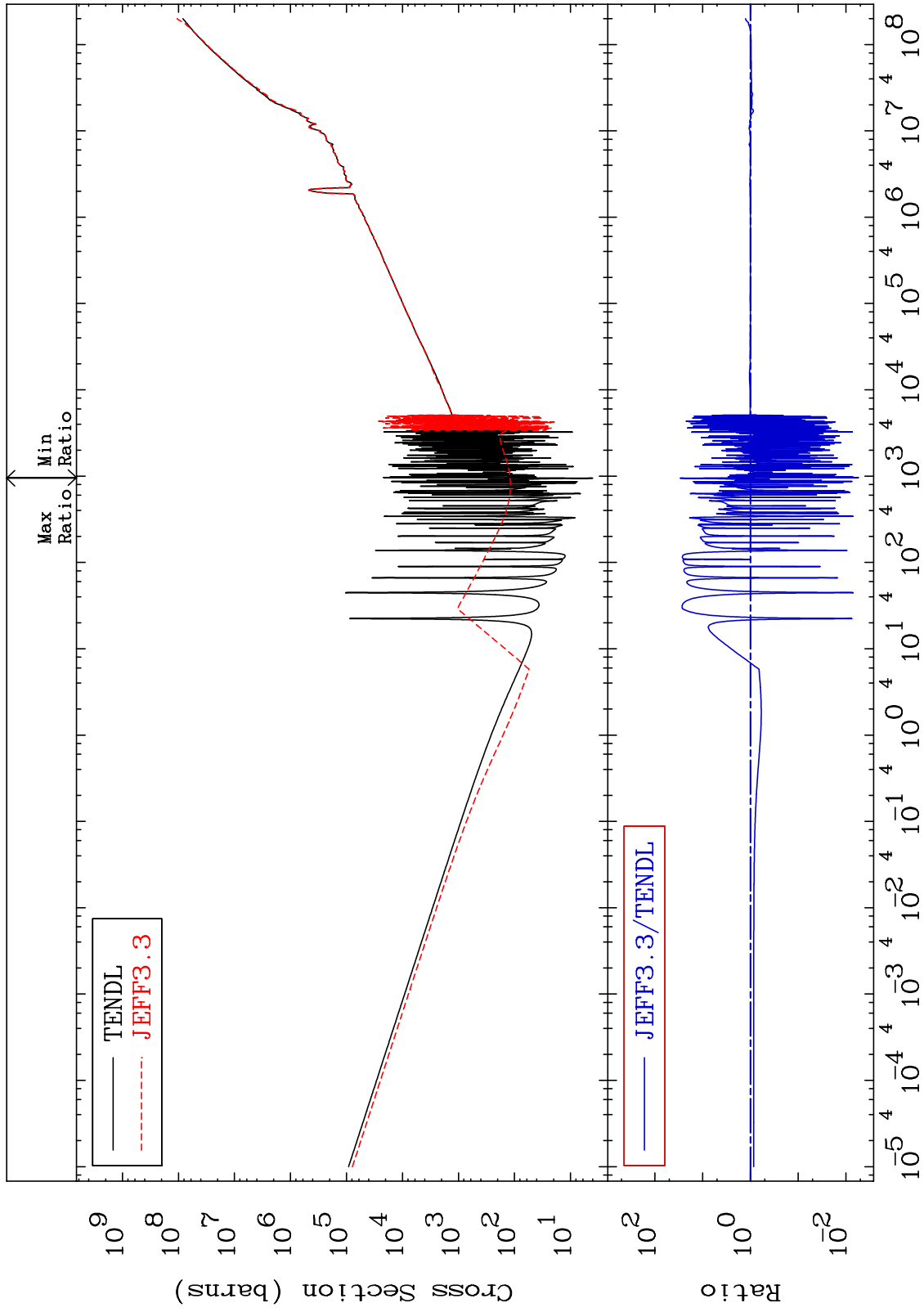
Incident Energy (eV)

76-0s-186

MAT 7631

Kerma total (eV-barns)
Cross Section

76-0s-186
-99.45 To 2877. %



68

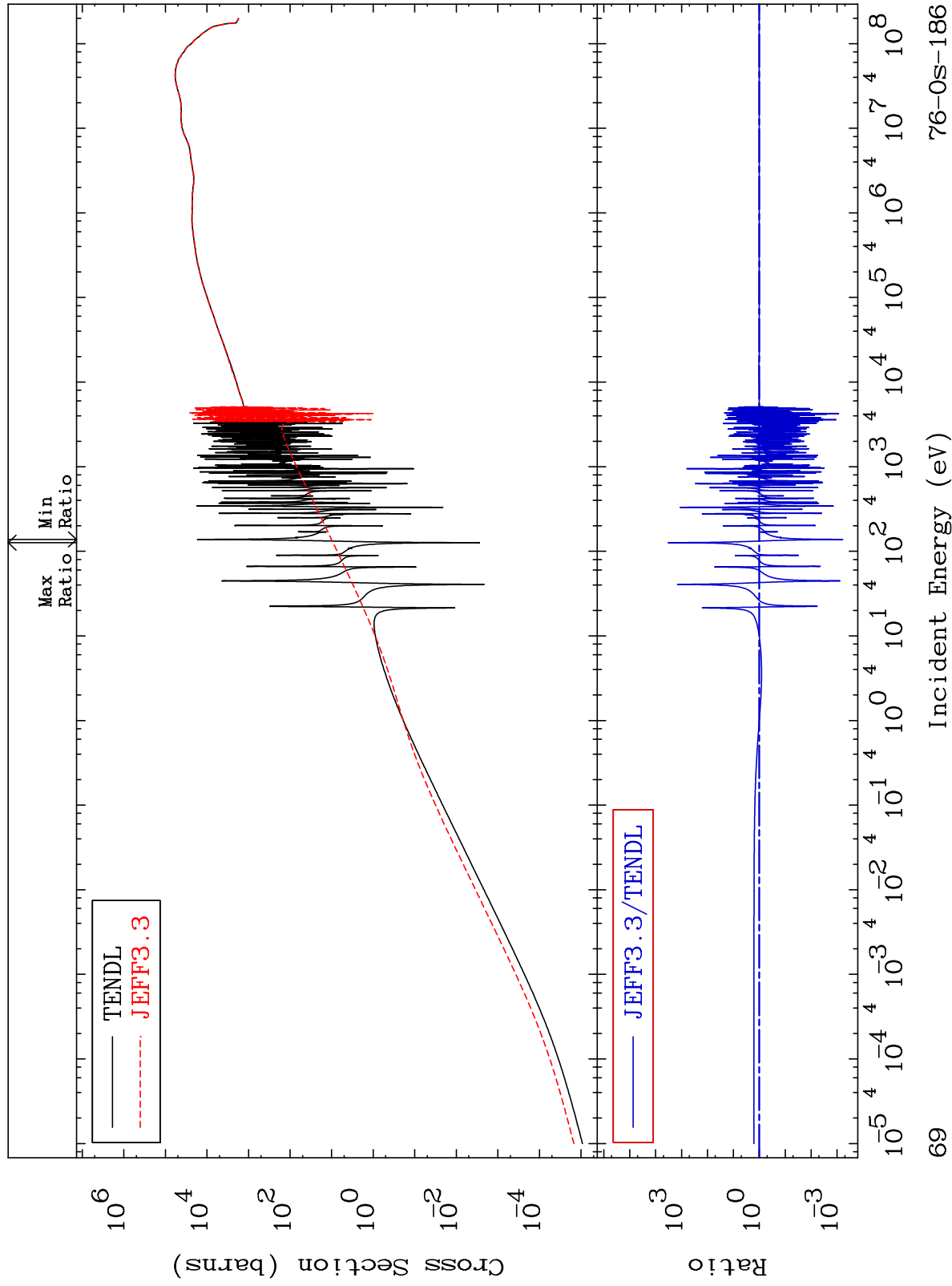
Incident Energy (eV)

76-0s-186

MAT 7631

Kerma elastic
Cross Section

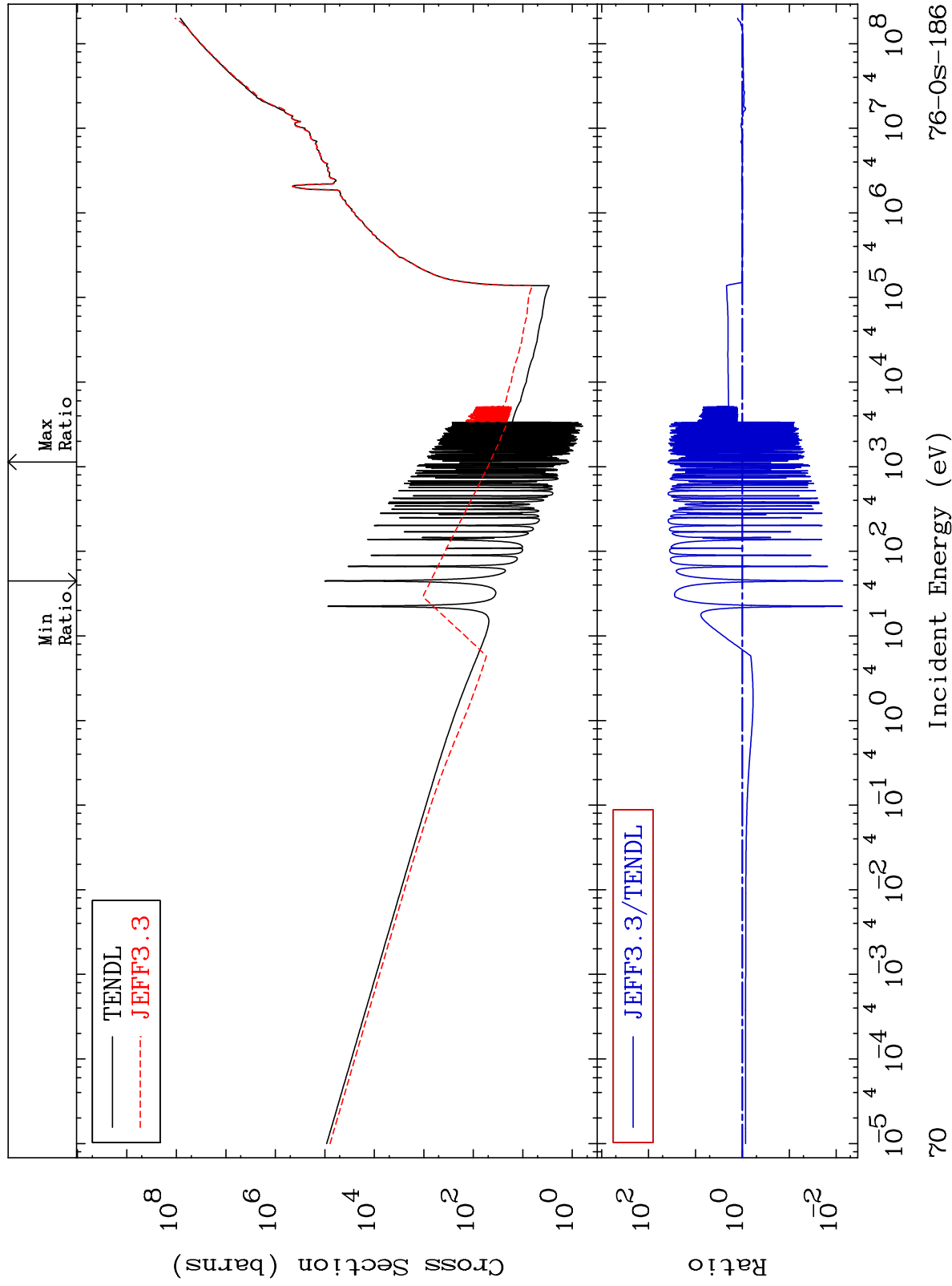
76-0s-186
-99.94 To 9999. %



MAT 7631

Kerma non-elastic (all but mt2)
Cross Section

76-0s-186
-99.28 To 3754. %



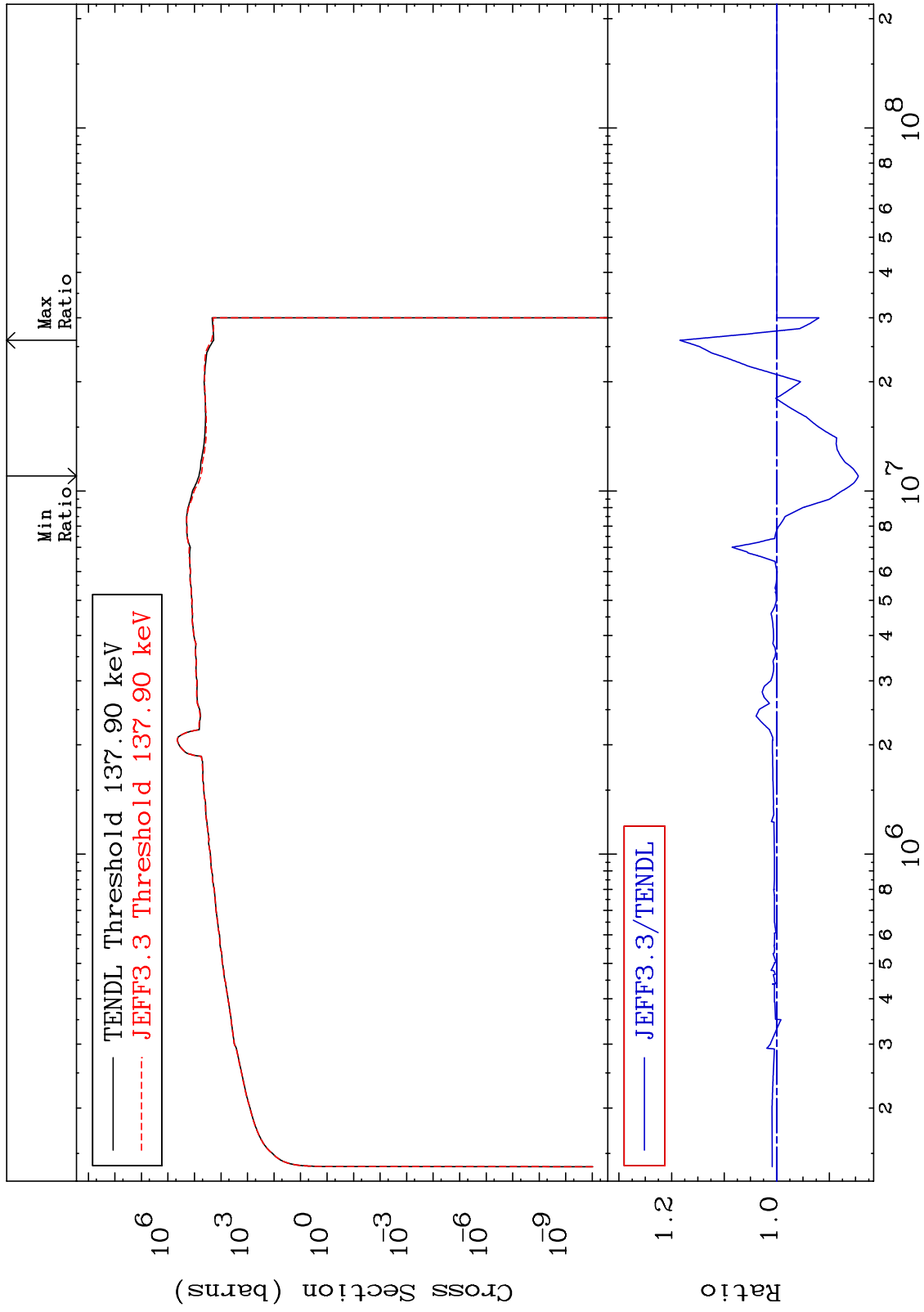
70

76-0s-186

MAT 7631

Kerma inelastic (mt51-91)
Cross Section

76-0s-186
-15.53 To 18.39 %



71

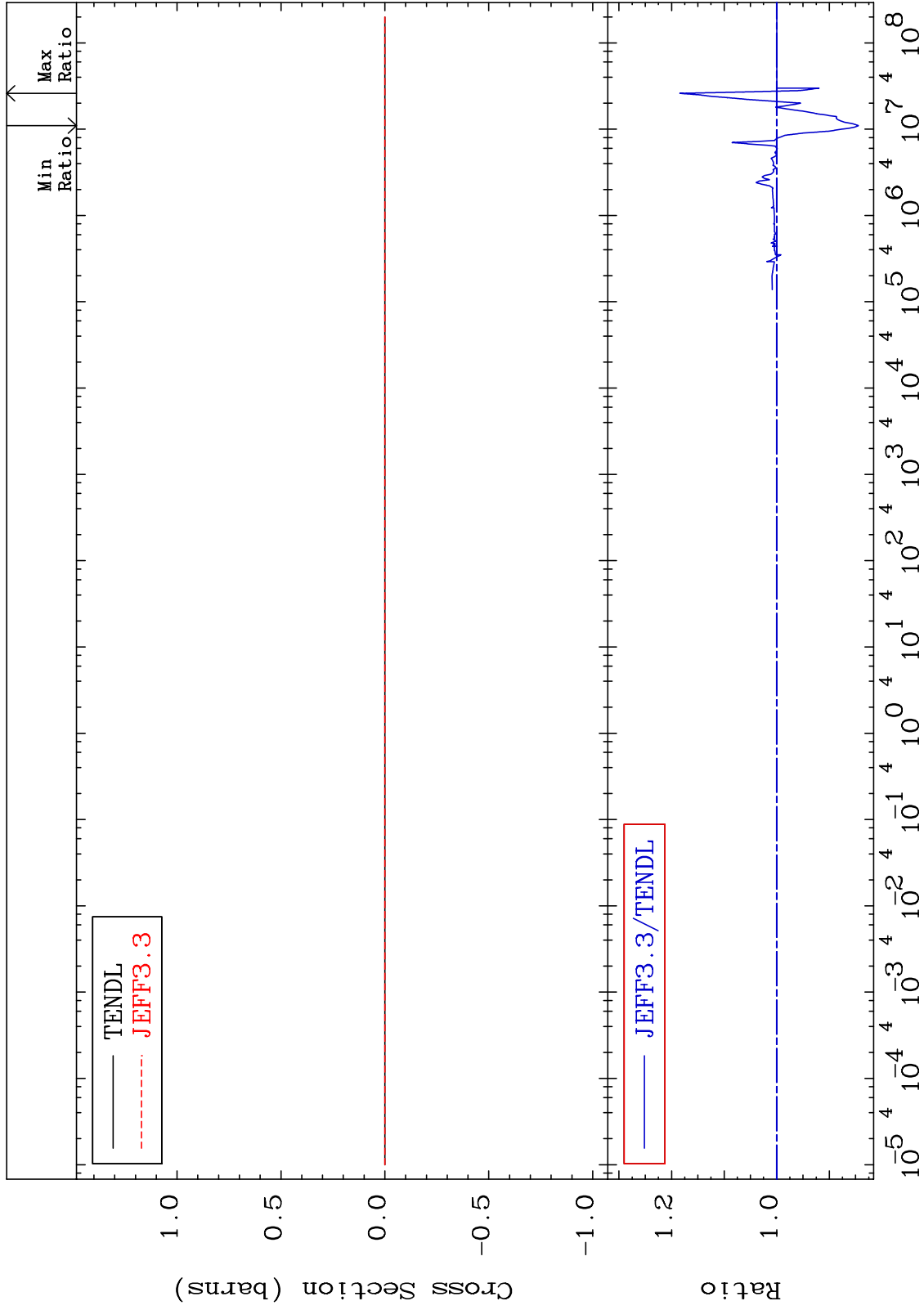
Incident Energy (eV)

76-0s-186

MAT 7631

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

76-0s-186
-15.53 To 18.39 %



72

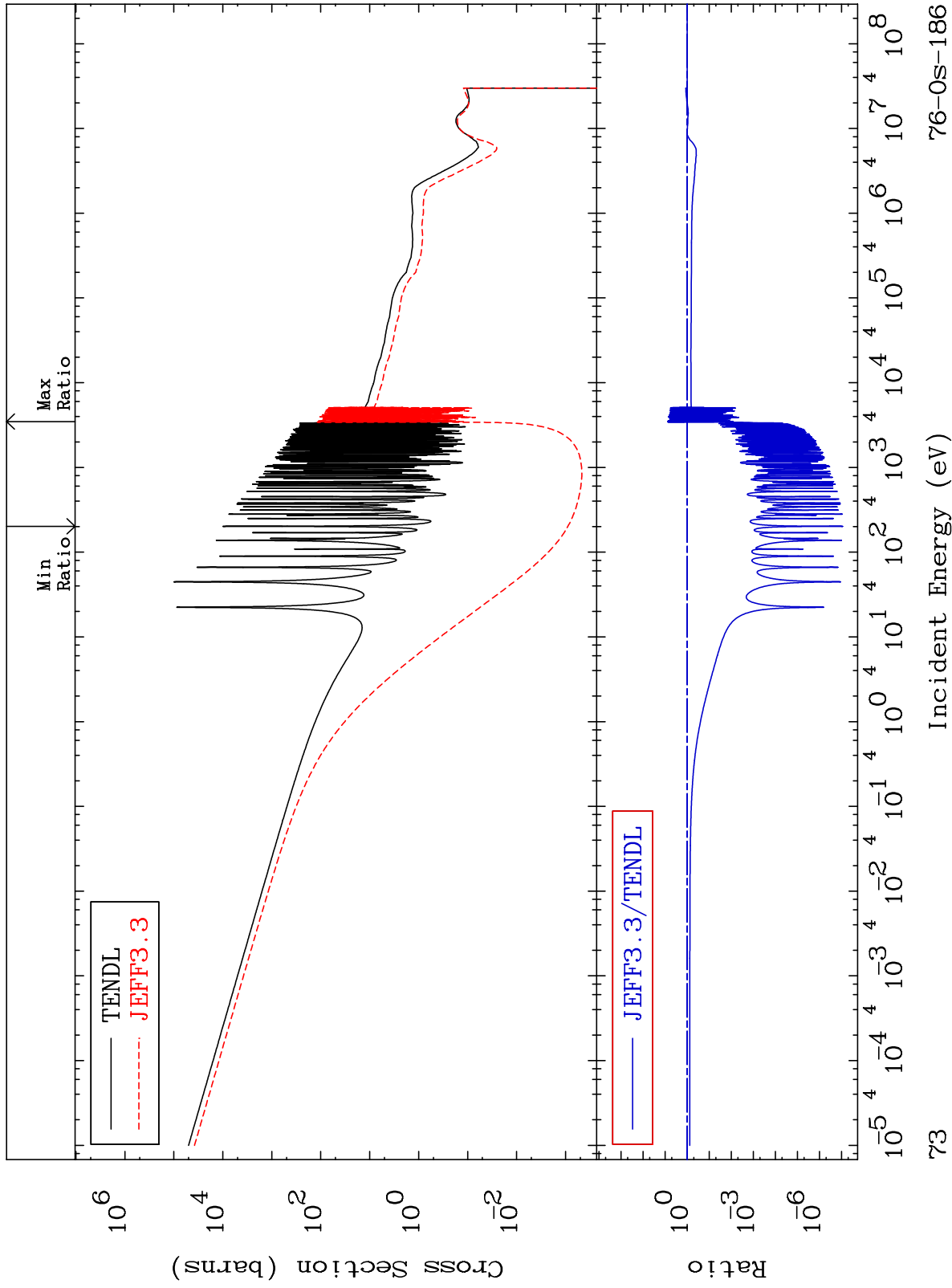
Incident Energy (eV)

76-0s-186

MAT 7631

Kerma capture (mt102)
Cross Section

76-0s-186
-100.0 To 673.0 %



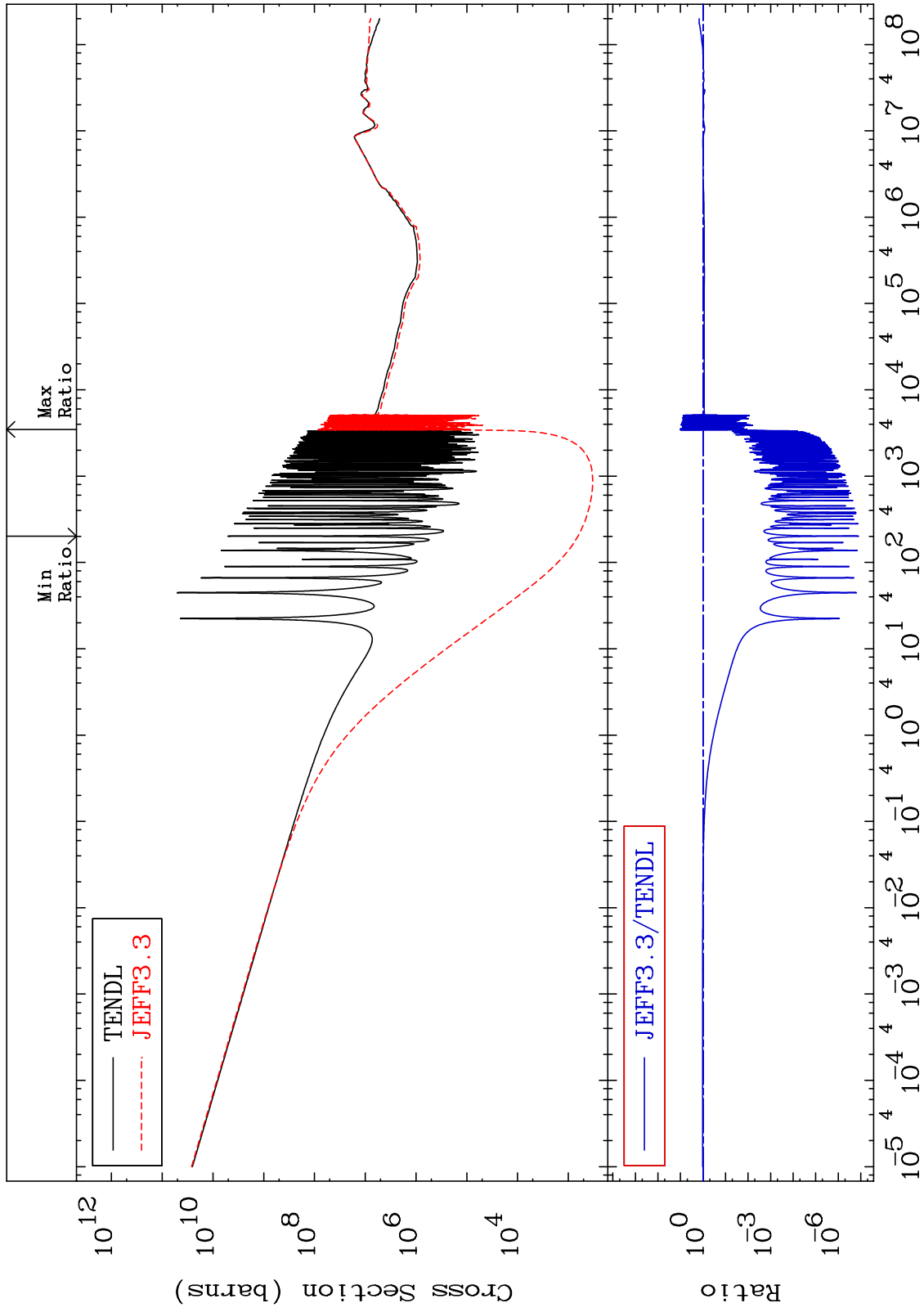
73

76-0s-186

MAT 7631

Total photon (eV-barns)
Cross Section

76-0s-186
-100.0 To 948.4 %



74

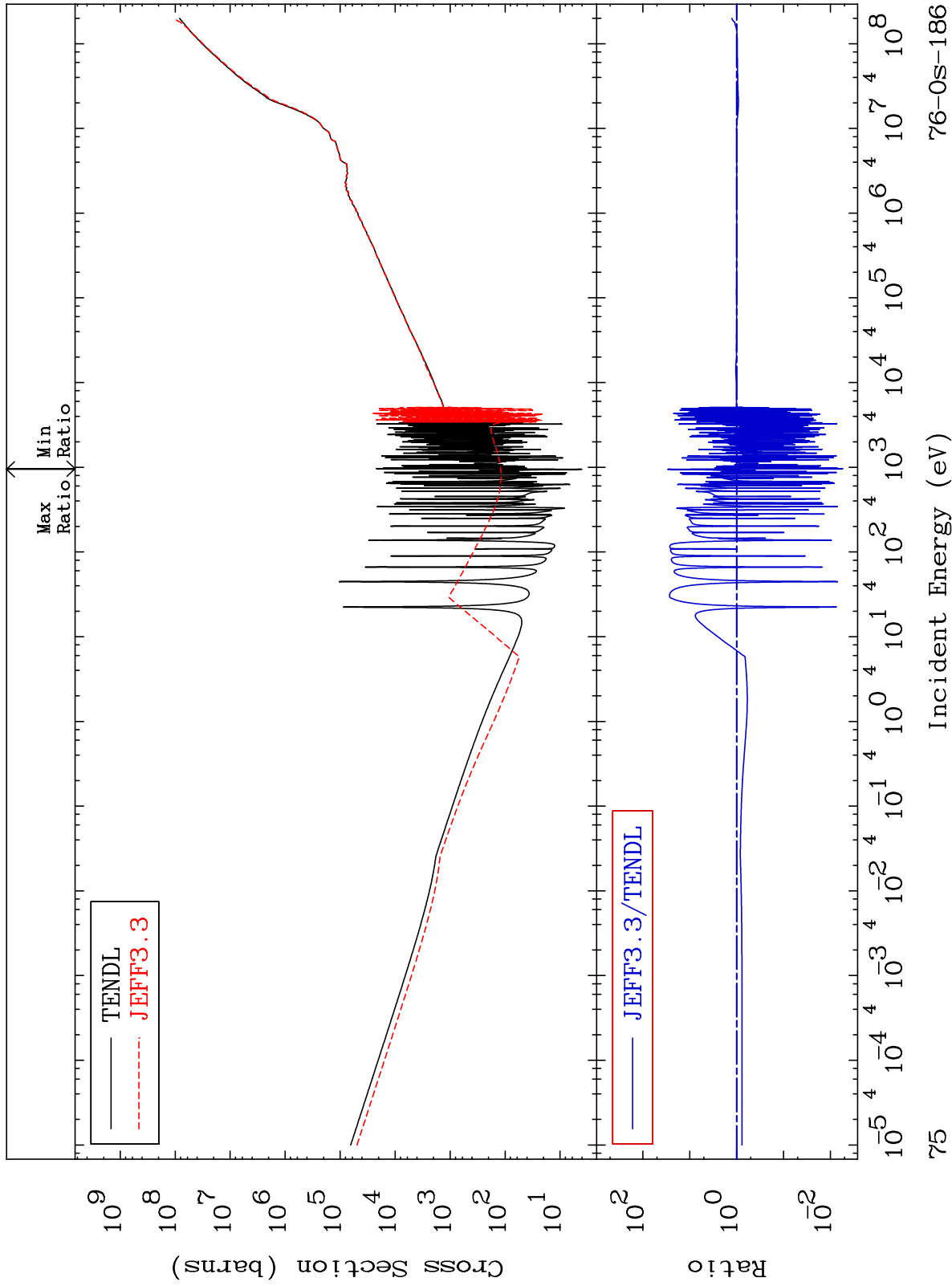
Incident Energy (eV)

76-0s-186

MAT 7631

Total kinematic kerma (high limit)
Cross Section

76-0s-186
-99.45 To 2881. %



75

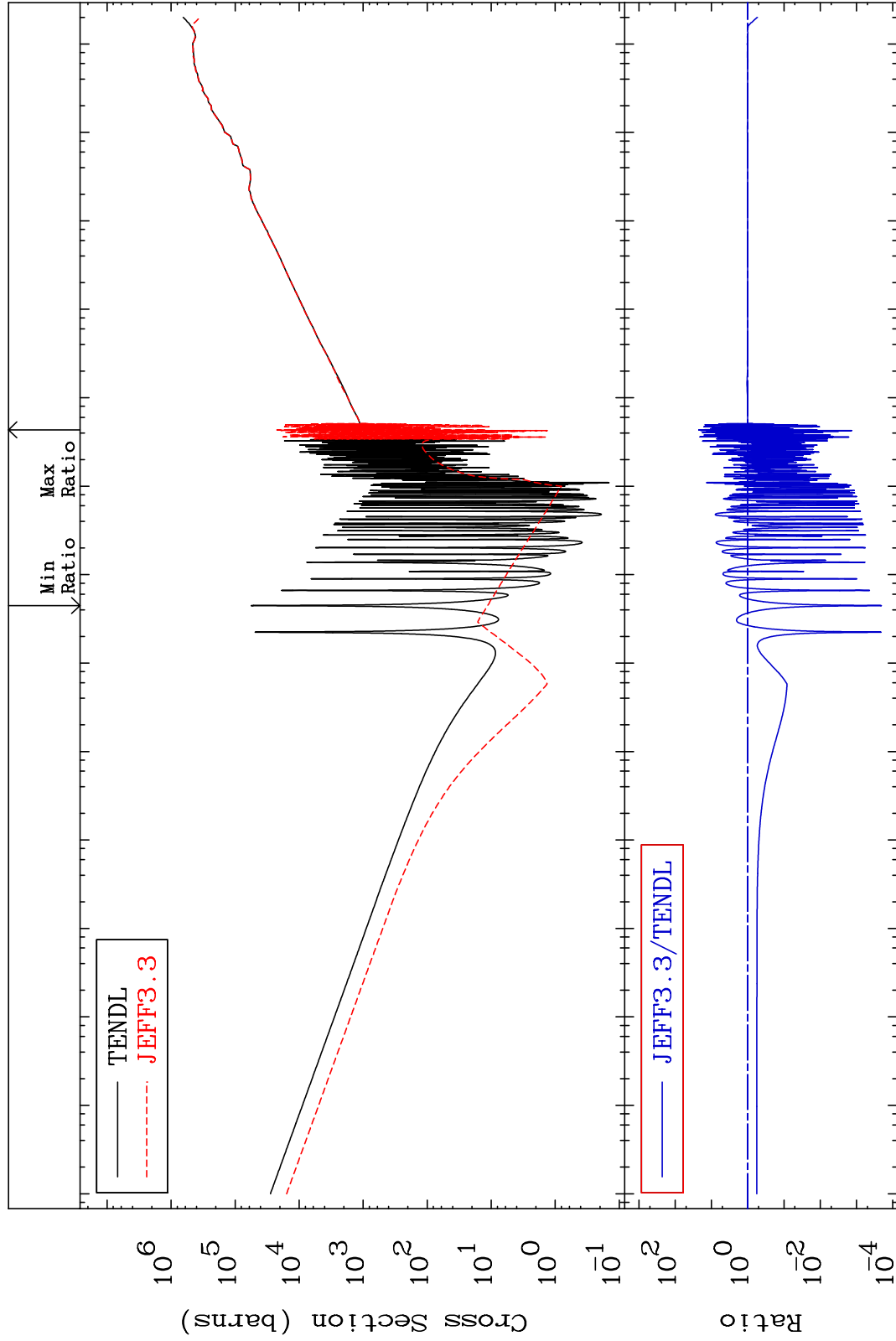
Incident Energy (eV)

76-0s-186

MAT 7631

Dpa total (eV-barns)
Cross Section

76-0s-186
-99.98 To 2143. %



76

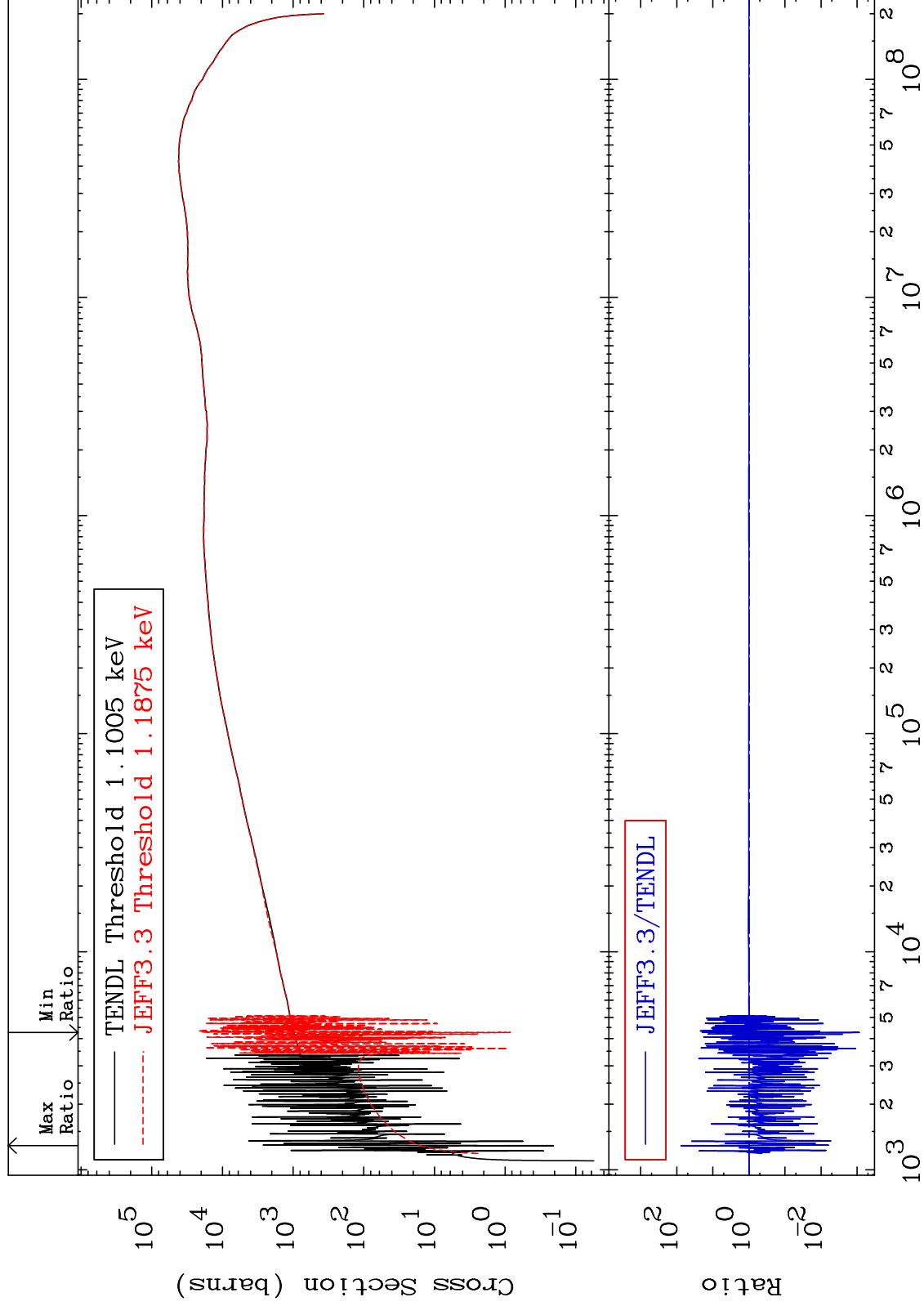
Incident Energy (eV)

76-0s-186

MAT 7631

Dpa elastic (mt2)
Cross Section

76-0s-186
-99.91 To 7518. %



77

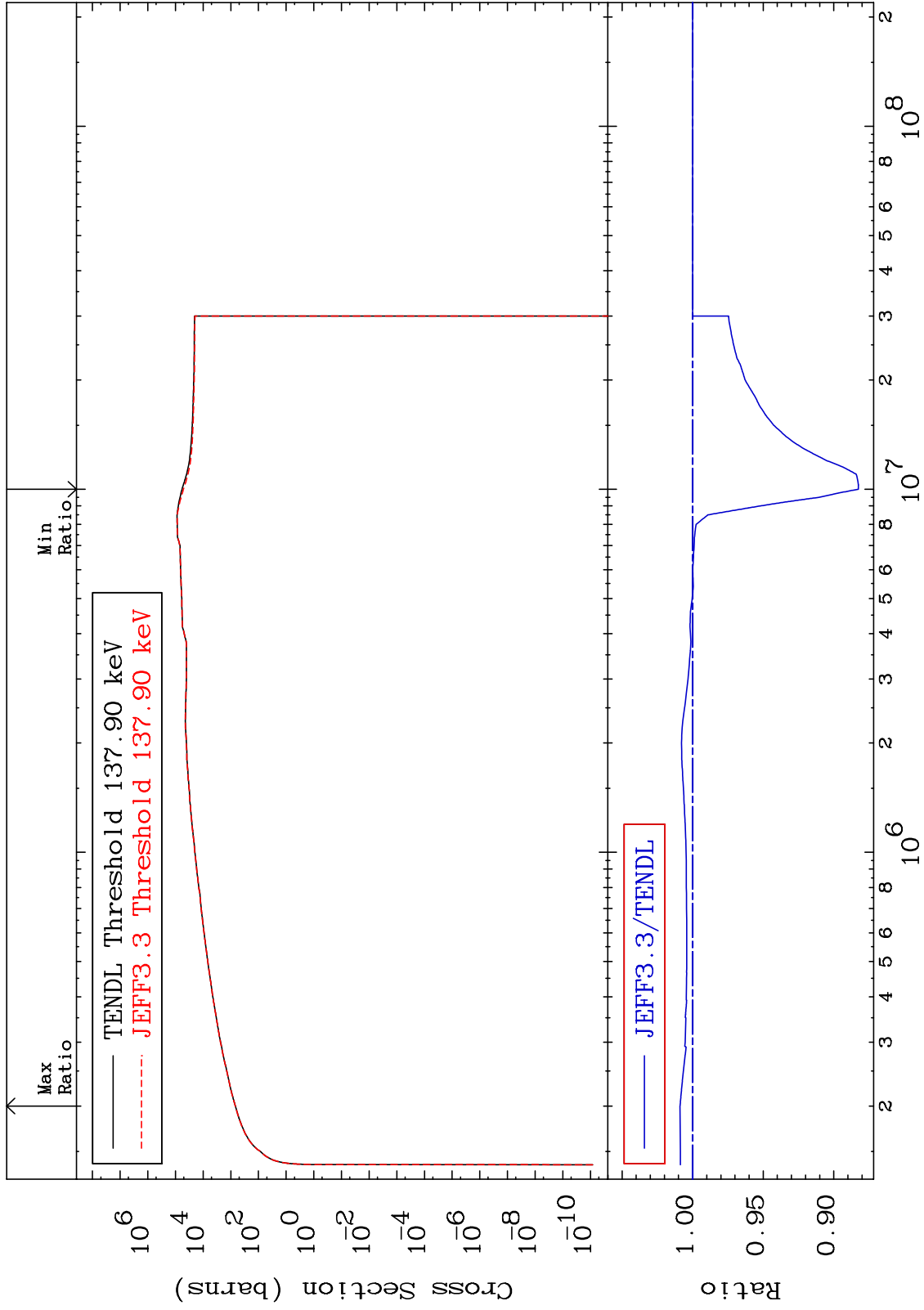
Incident Energy (eV)

76-0s-186

MAT 7631

Dpa inelastic (mt51-91)
Cross Section

76-0s-186
-11.74 To 0.893 %



78

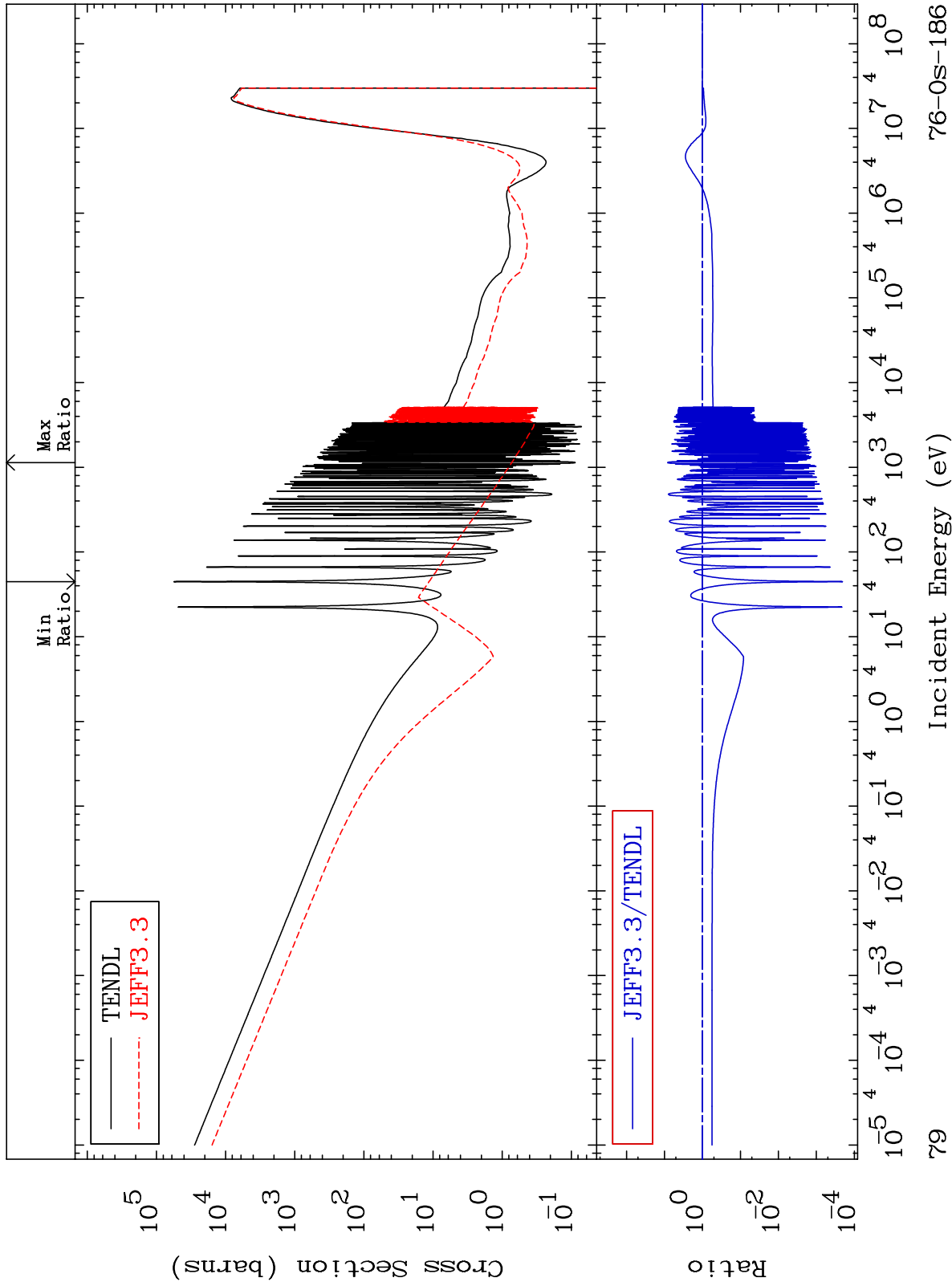
Incident Energy (eV)

76-0s-186

MAT 7631

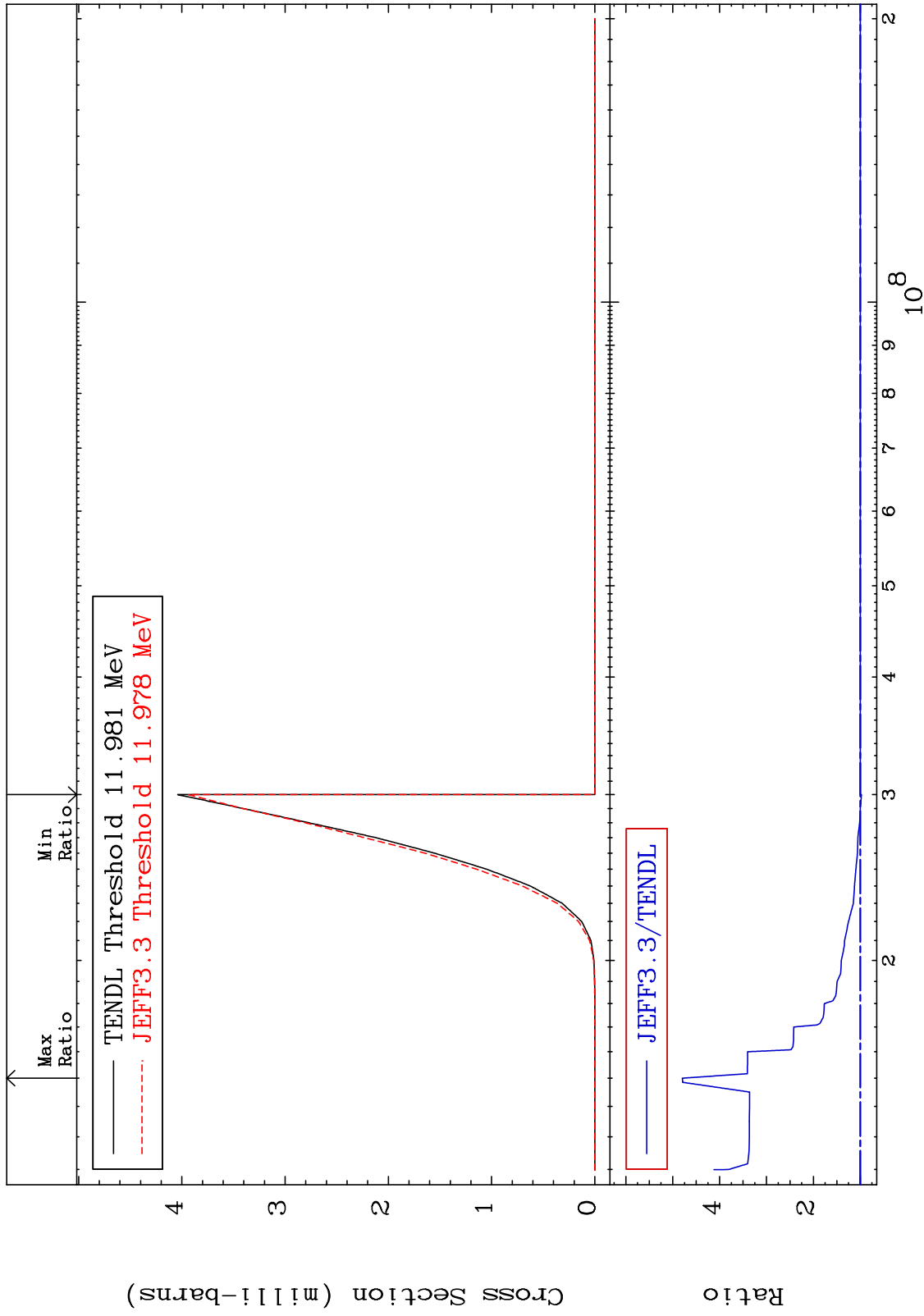
Dpa disappearance (mt102 -120)
Cross Section

76-0s-186
-99.98 To 730.3 %



MAT 7631

(n, n') d:75-Re-184g 76-0s-186
Radionuclide Production Cross Section -2.518 To 379.3 %



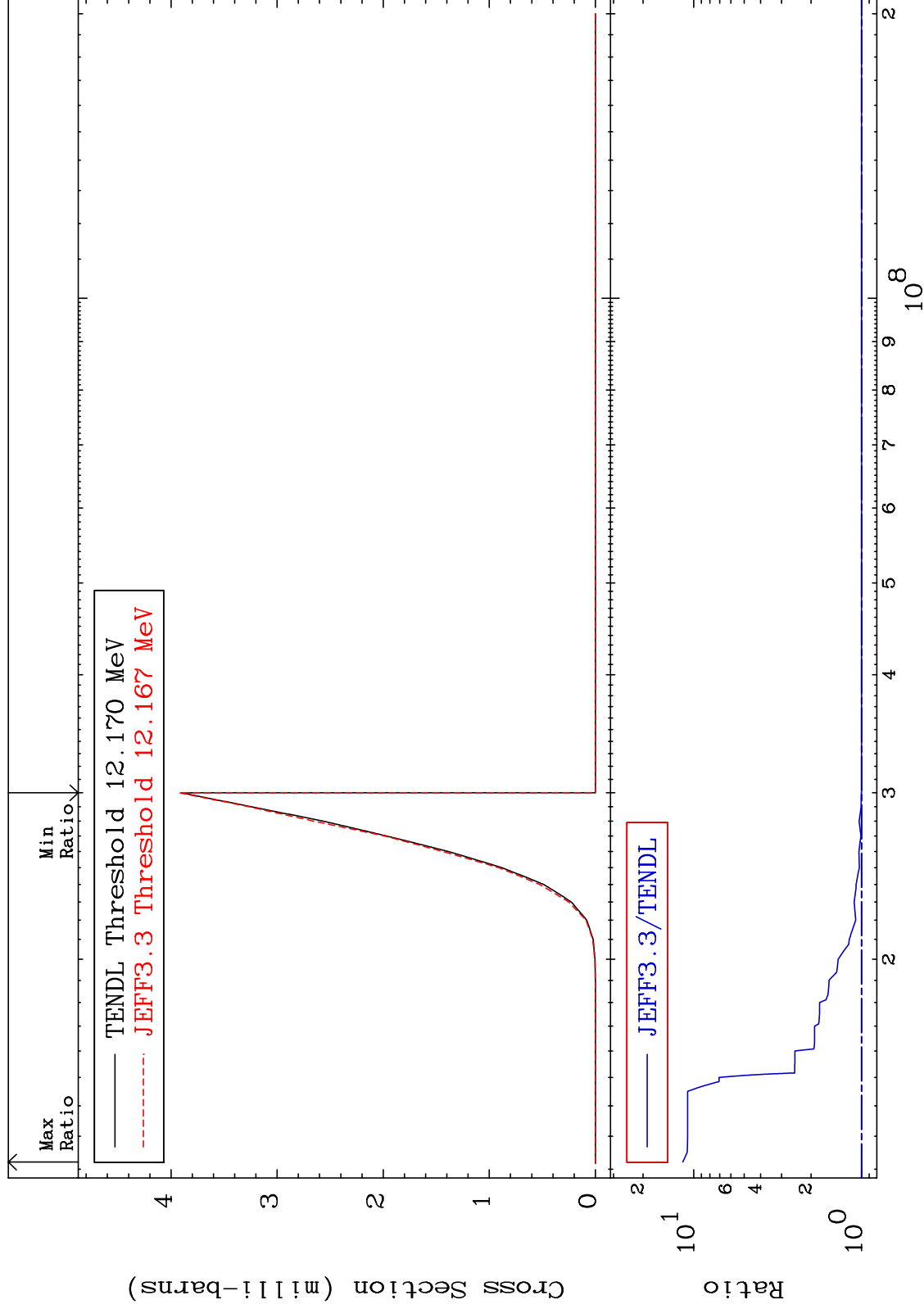
76-0s-186

MAT 7631

(n, n') d:75-Re-184m5

76-0s-186

Radionuclide Production Cross Section 0.000 To 1060. %

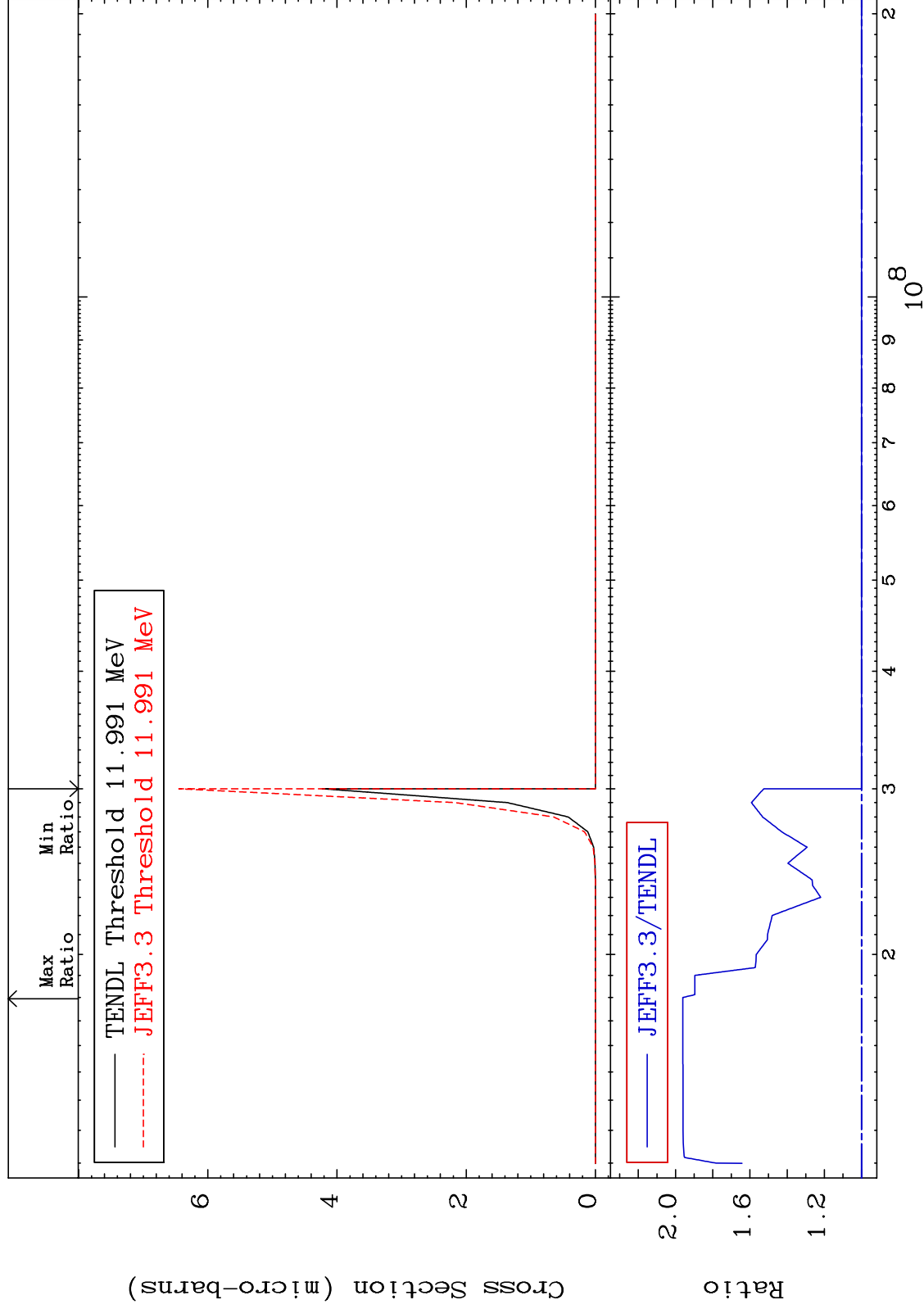


MAT 7631

(n, n') He-3:74-W -183m7

76-0s-186

Radionuclide Production Cross Section 0.000 To 96.05 %



83

Incident Energy (eV)

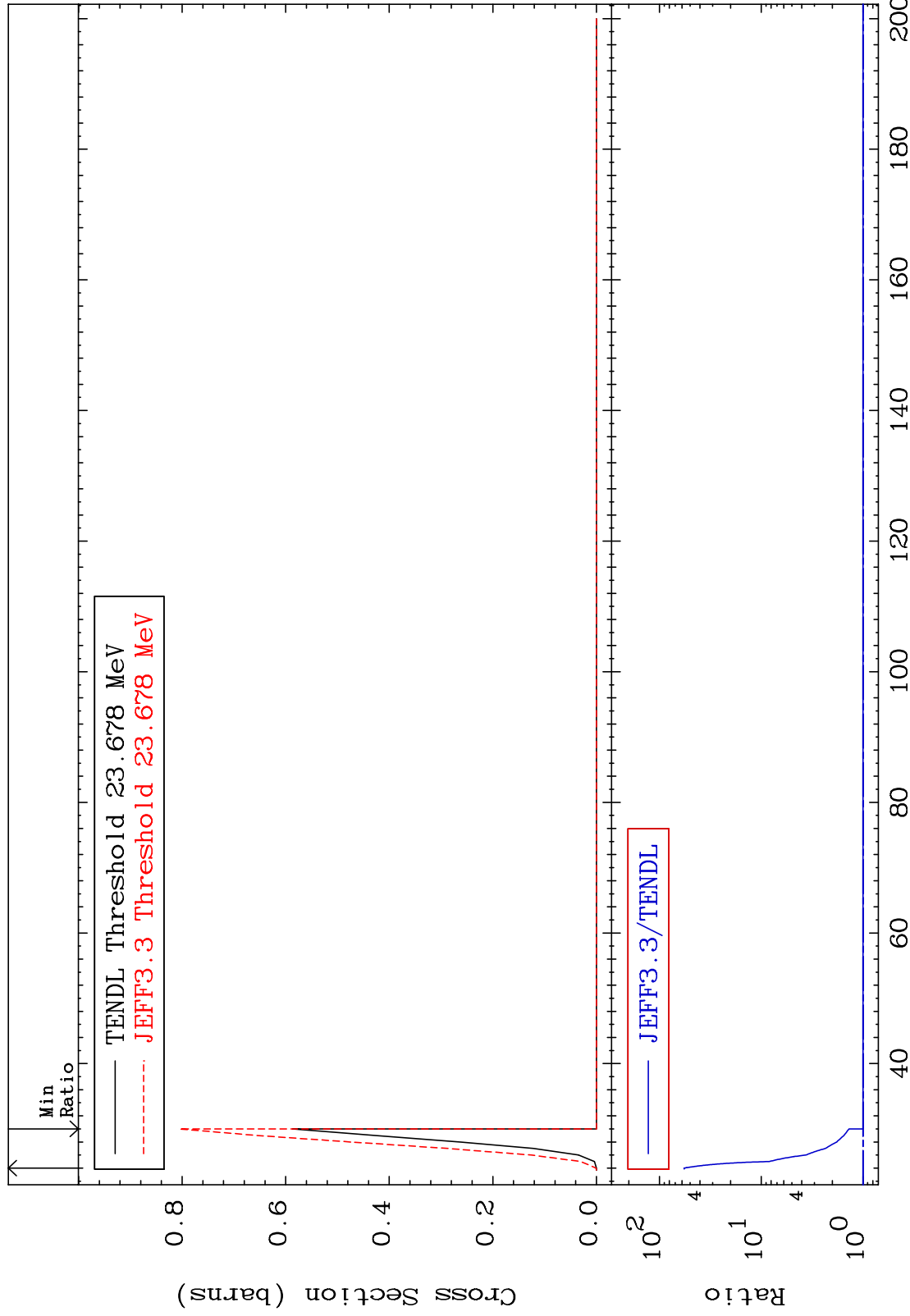
76-0s-186

MAT 7631

(n,4n):76-0s-183g

76-0s-186

Radionuclide Production Cross Section 0.000 To 5643. %

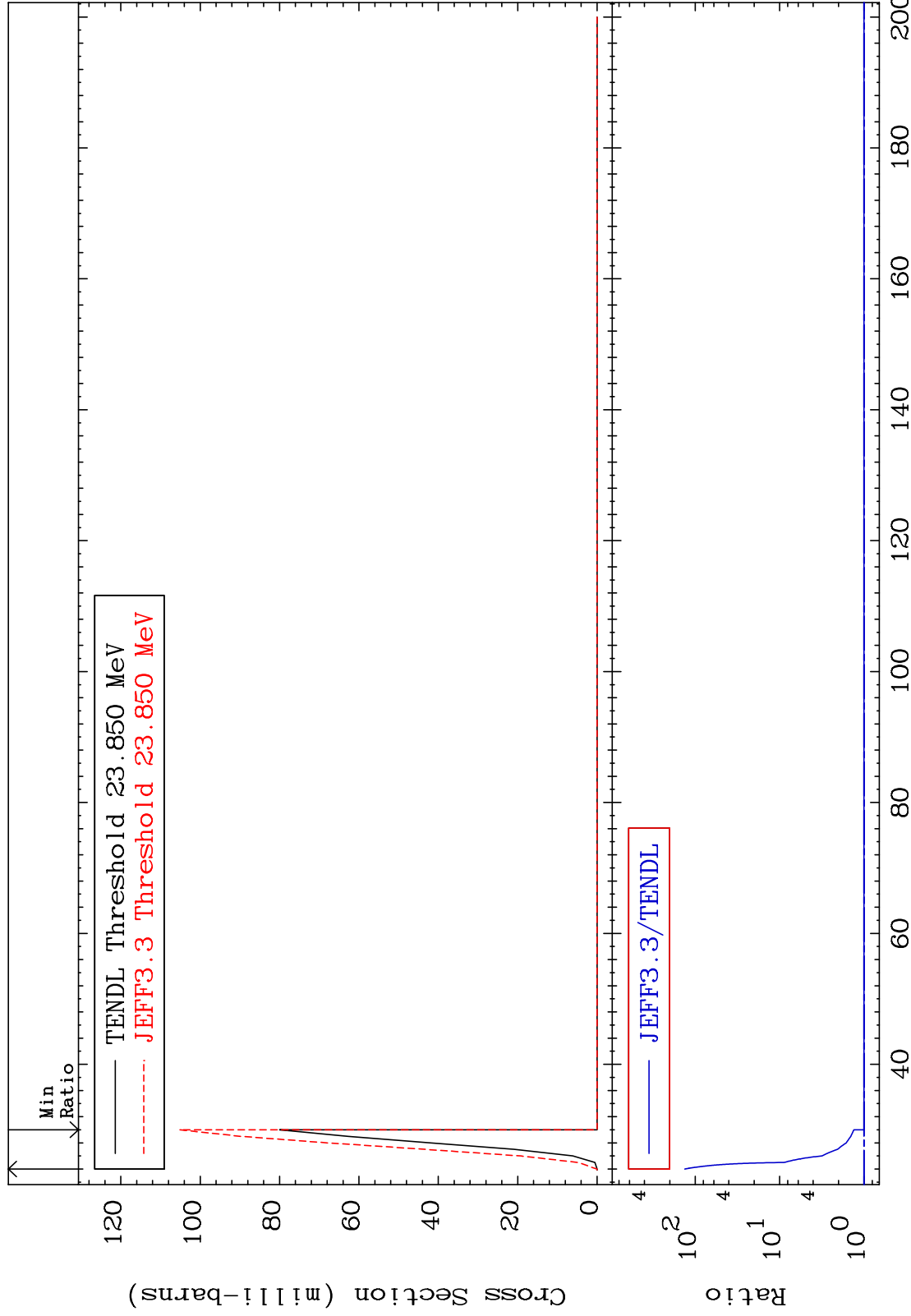


MAT 7631

(n, 4n): 76-Os-183m2

76-Os-186

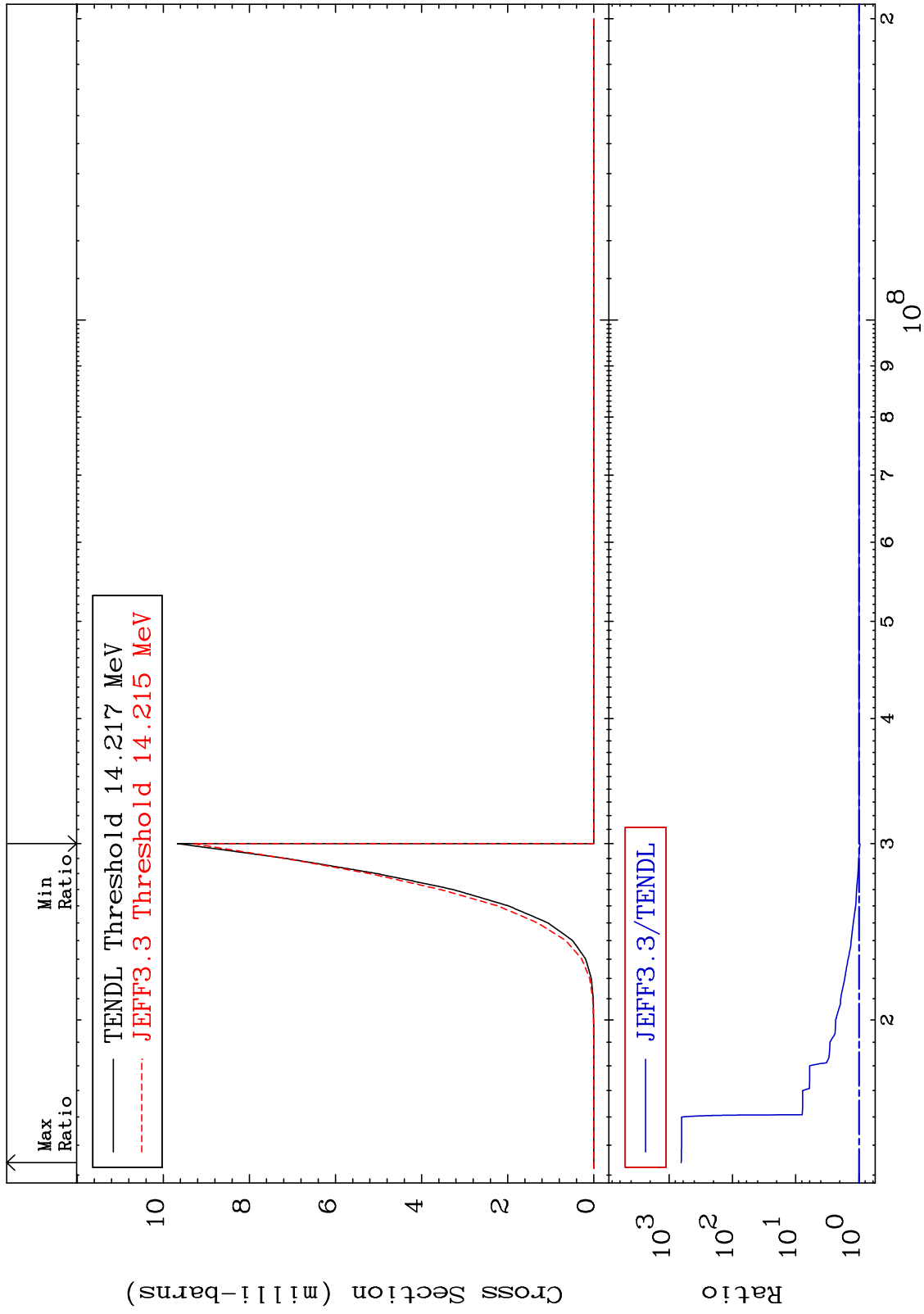
Radionuclide Production Cross Section 0.000 To 9999. %

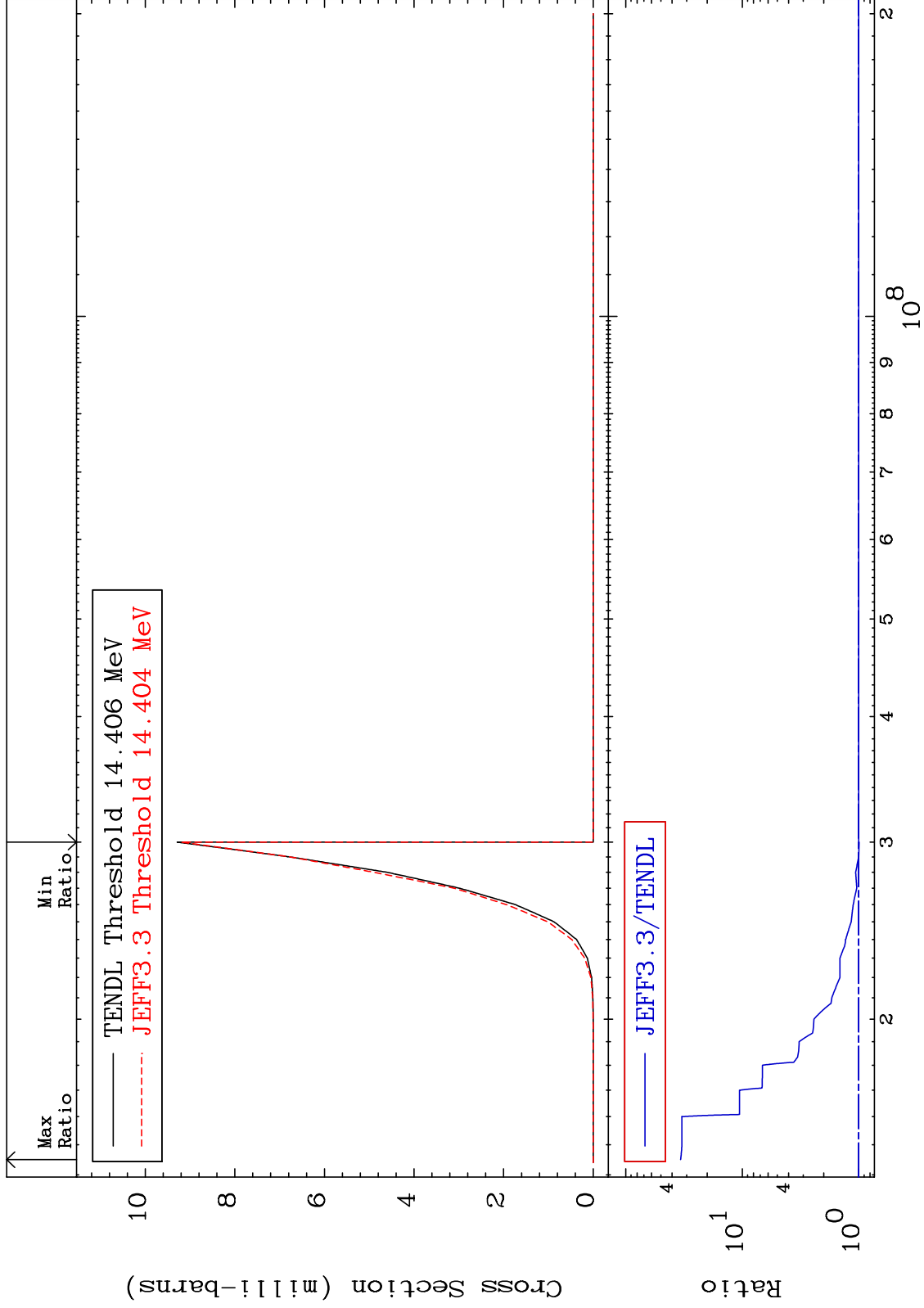


85

Incident Energy (MeV)

76-Os-186



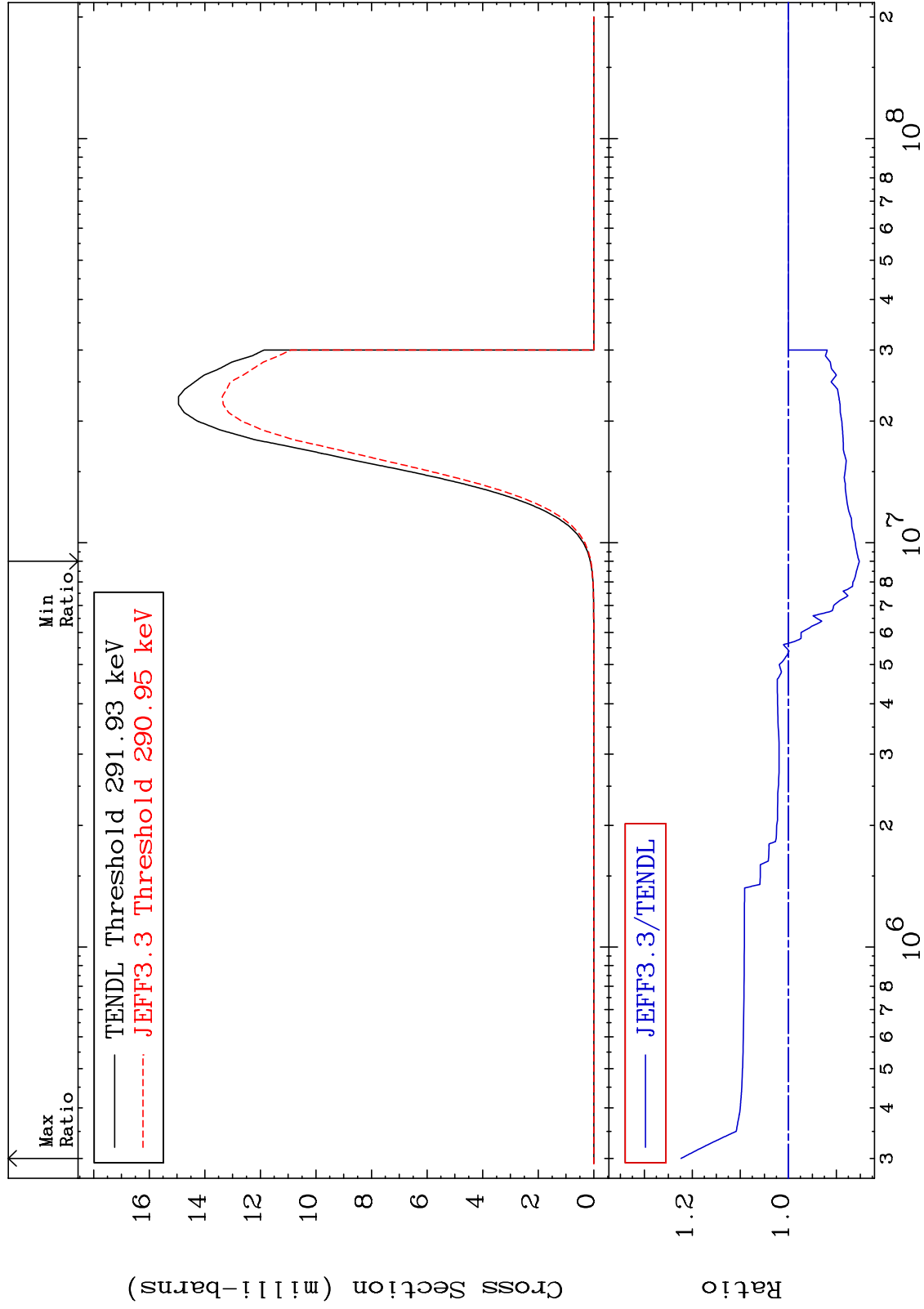


MAT 7631

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

76-0s-186

Radionuclide Production Cross Section -14.79 To 22.36 %

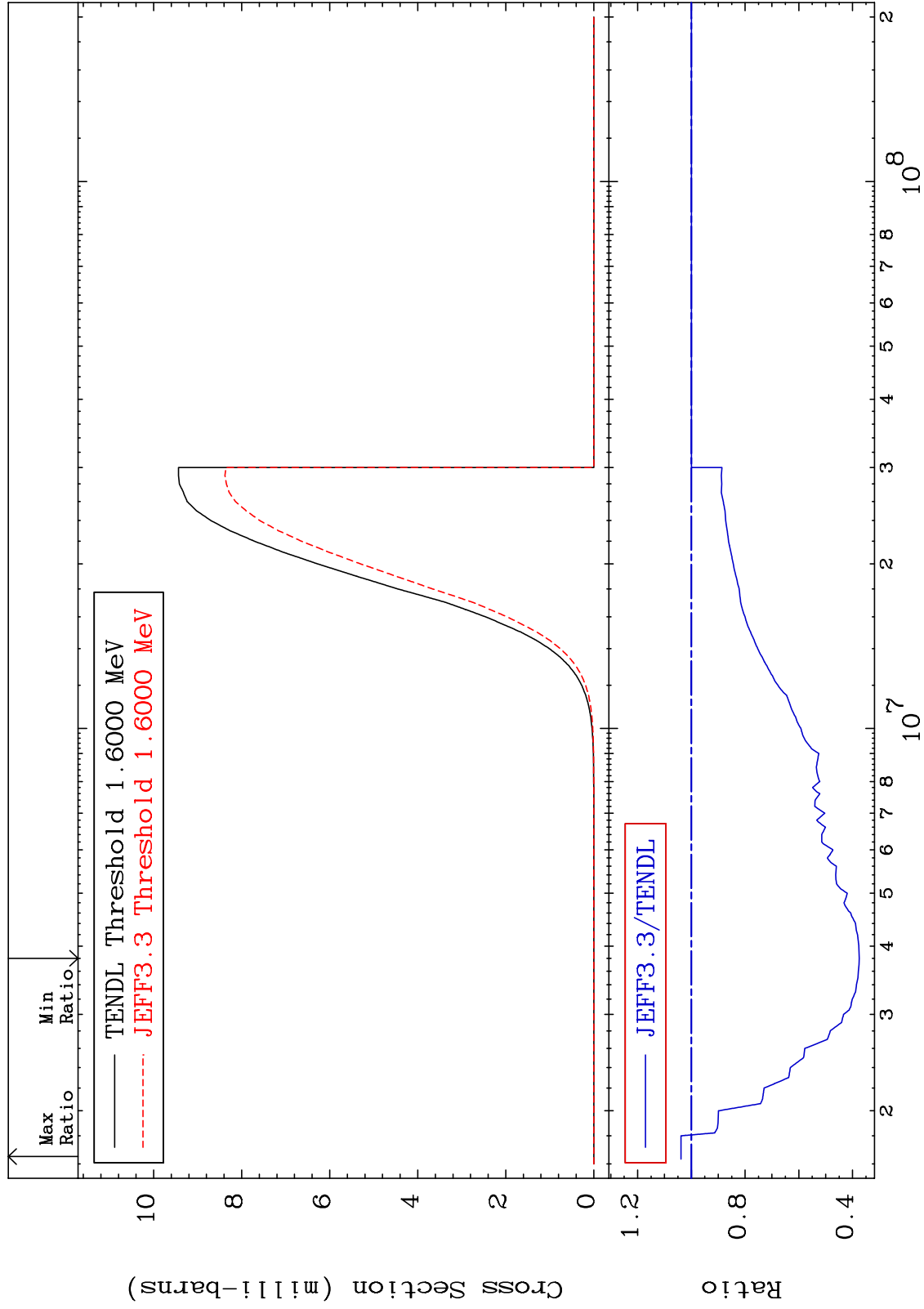


MAT 7631

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

76-0s-186

Radionuclide Production Cross Section -62.50 To 3.829 %



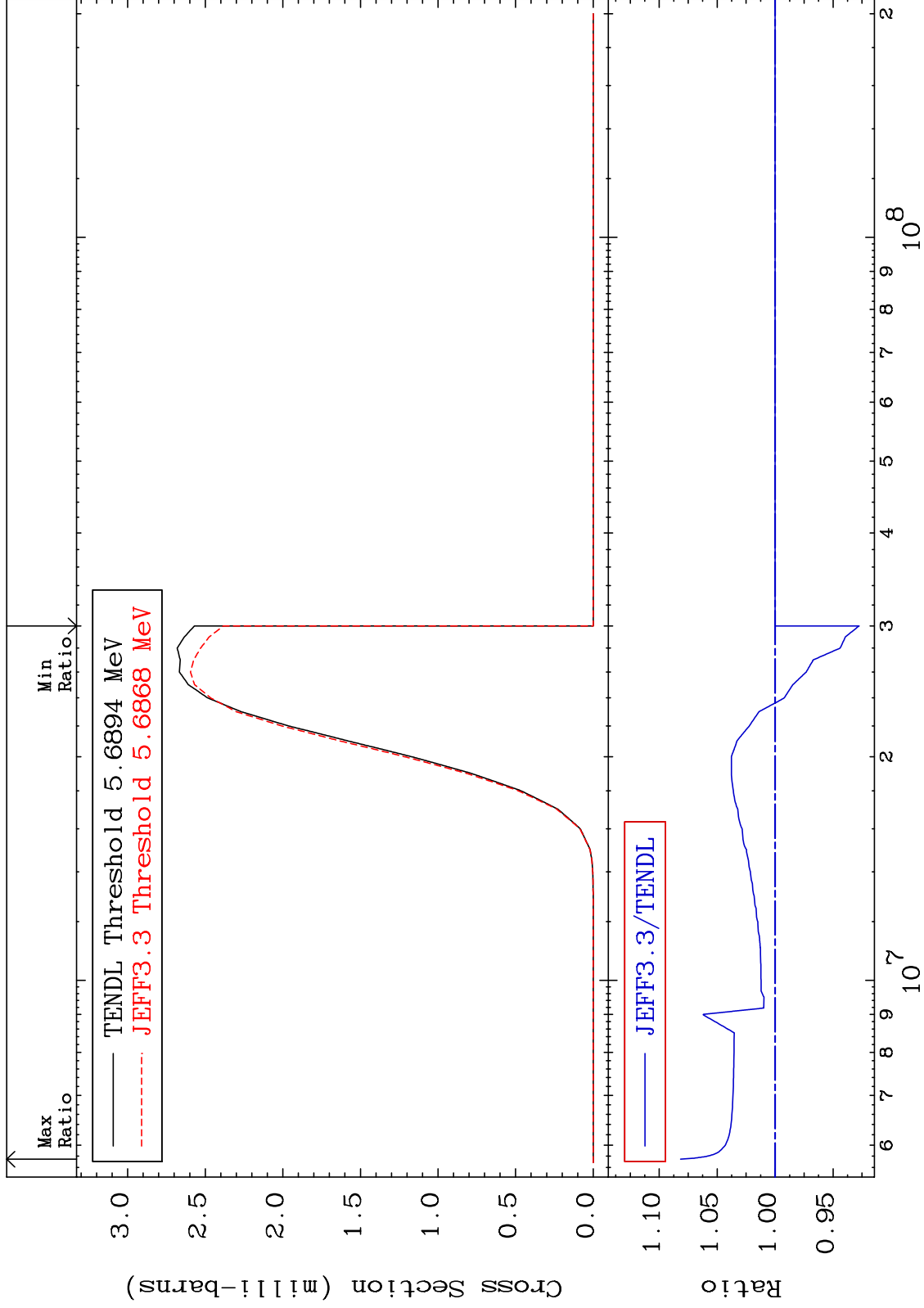
MAT 7631

(n, t): 75-Re-184g

76-0s-186

Radionuclide Production Cross Section

-7.253 To 8.155 %

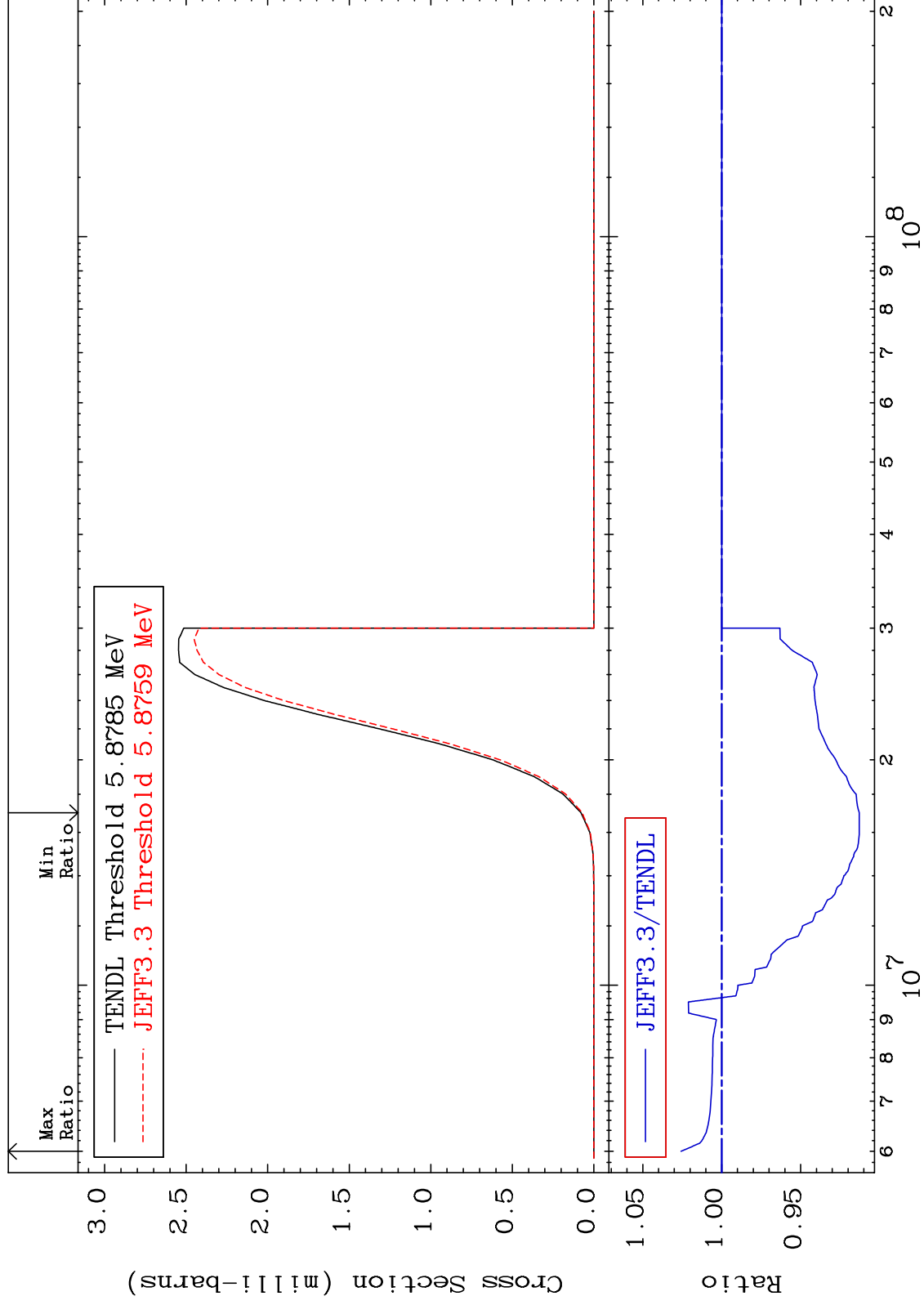


MAT 7631

(n, t): 75-Re-184m5

76-0s-186

Radionuclide Production Cross Section -8.713 To 2.574 %

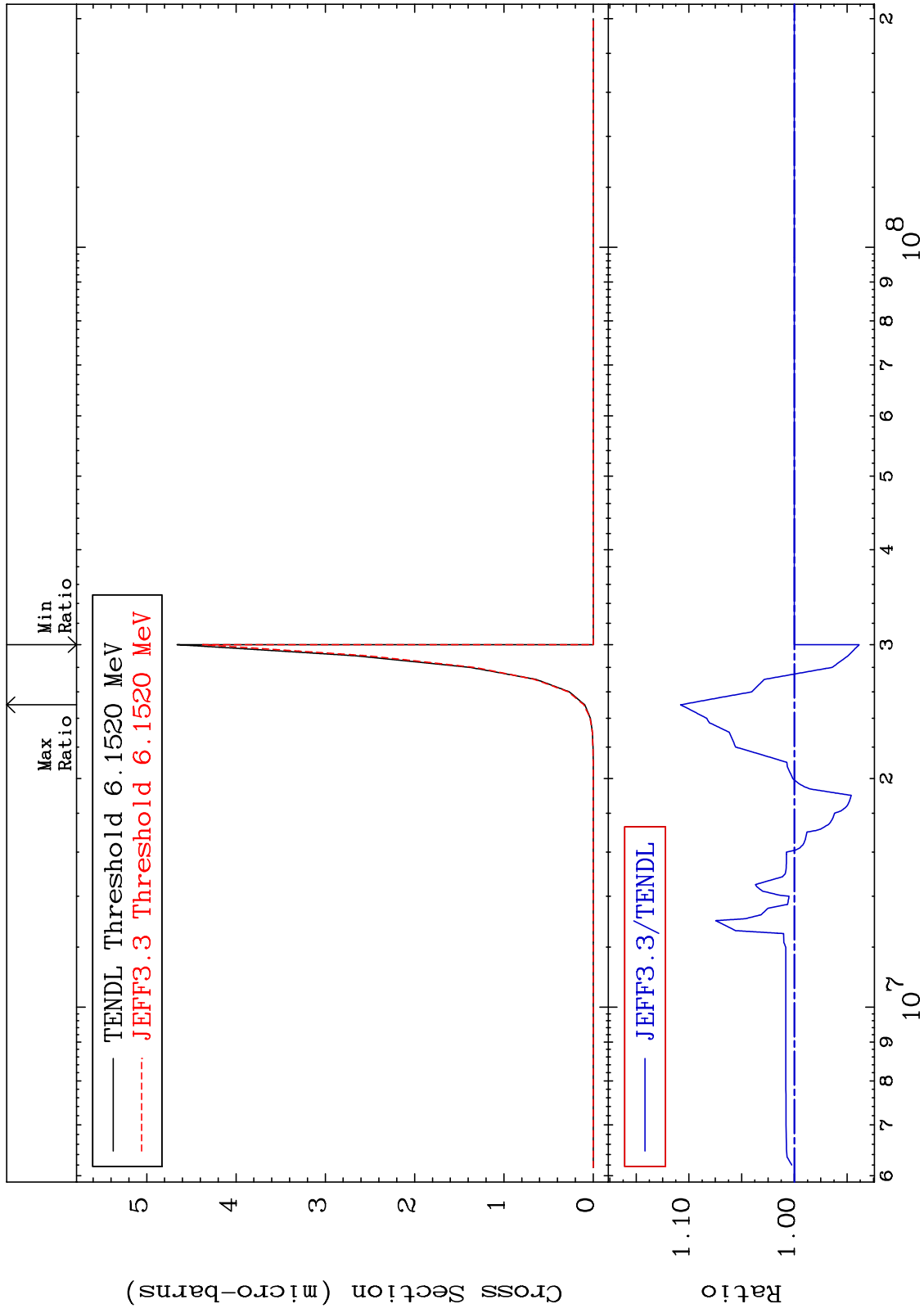


MAT 7631

(n,2p):74-W -185g

76-0s-186

Radionuclide Production Cross Section -6.145 To 10.79 %



92

Incident Energy (eV)

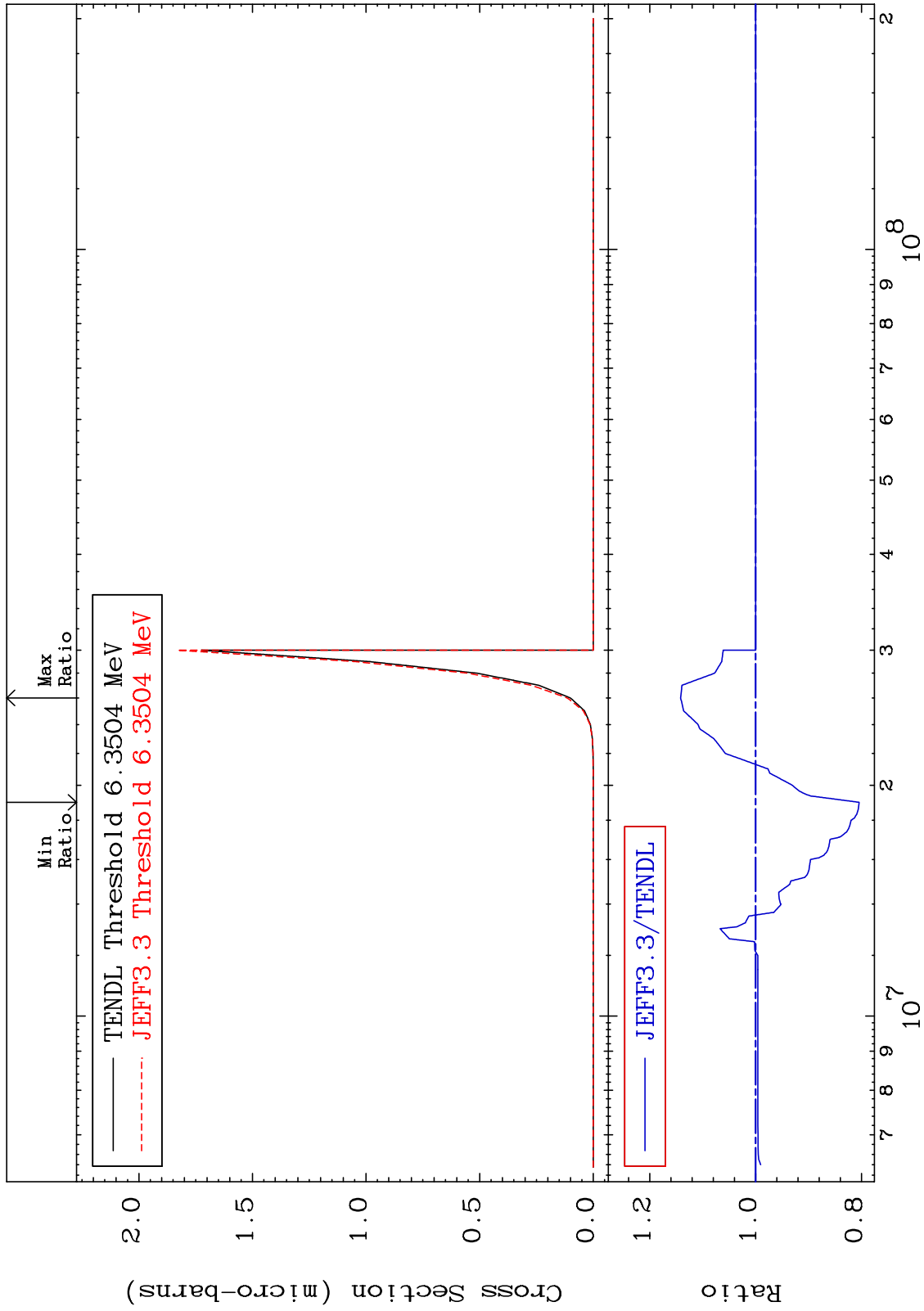
76-0s-186

MAT 7631

(n,2p):74-W -185m6

76-0s-186

Radionuclide Production Cross Section -19.55 To 14.18 %



93

Incident Energy (eV)

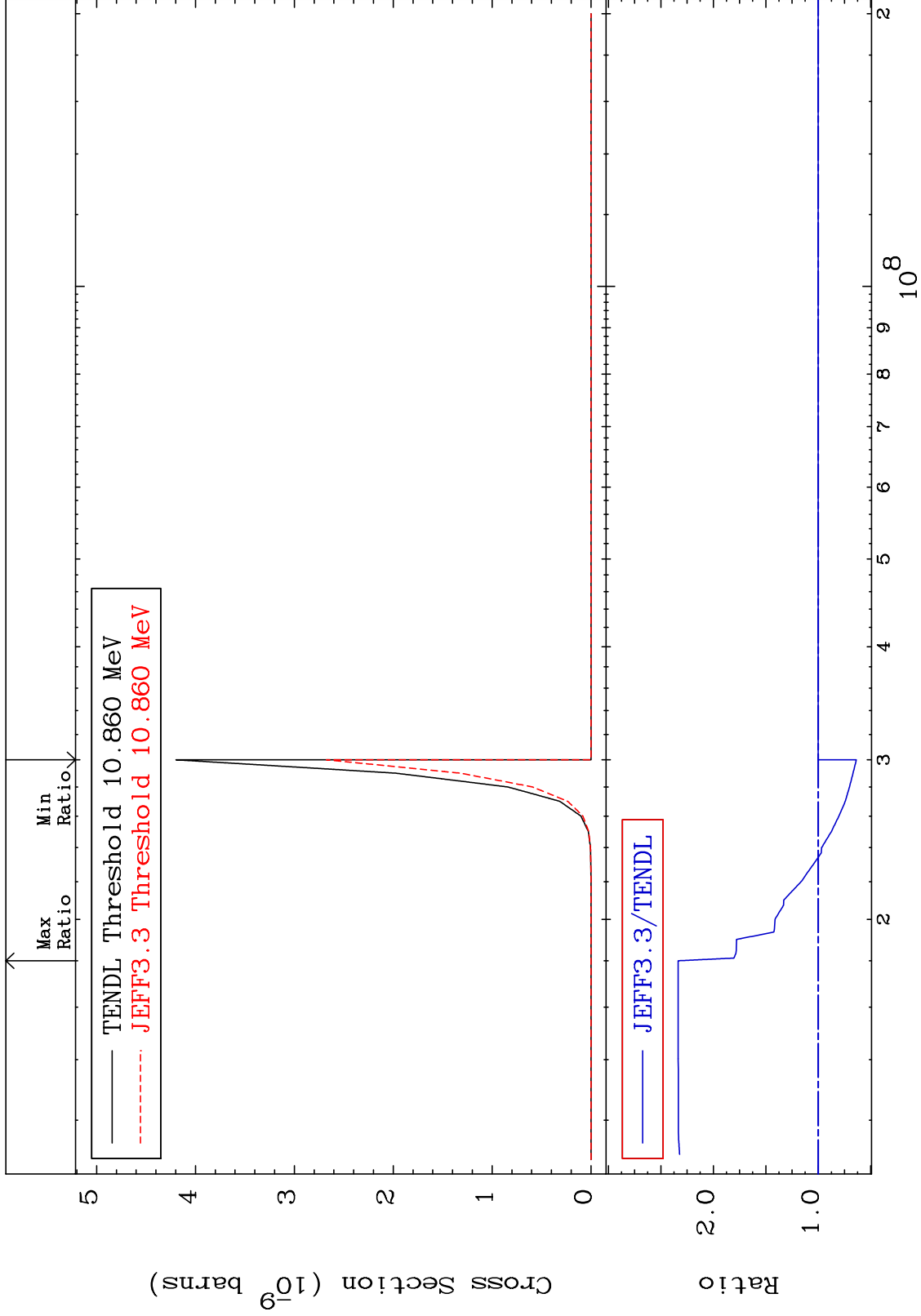
76-0s-186

MAT 7631

(n, p) t:74-W -183g

76-0s-186

Radionuclide Production Cross Section -36.27 To 133.5 %



94

Incident Energy (eV)

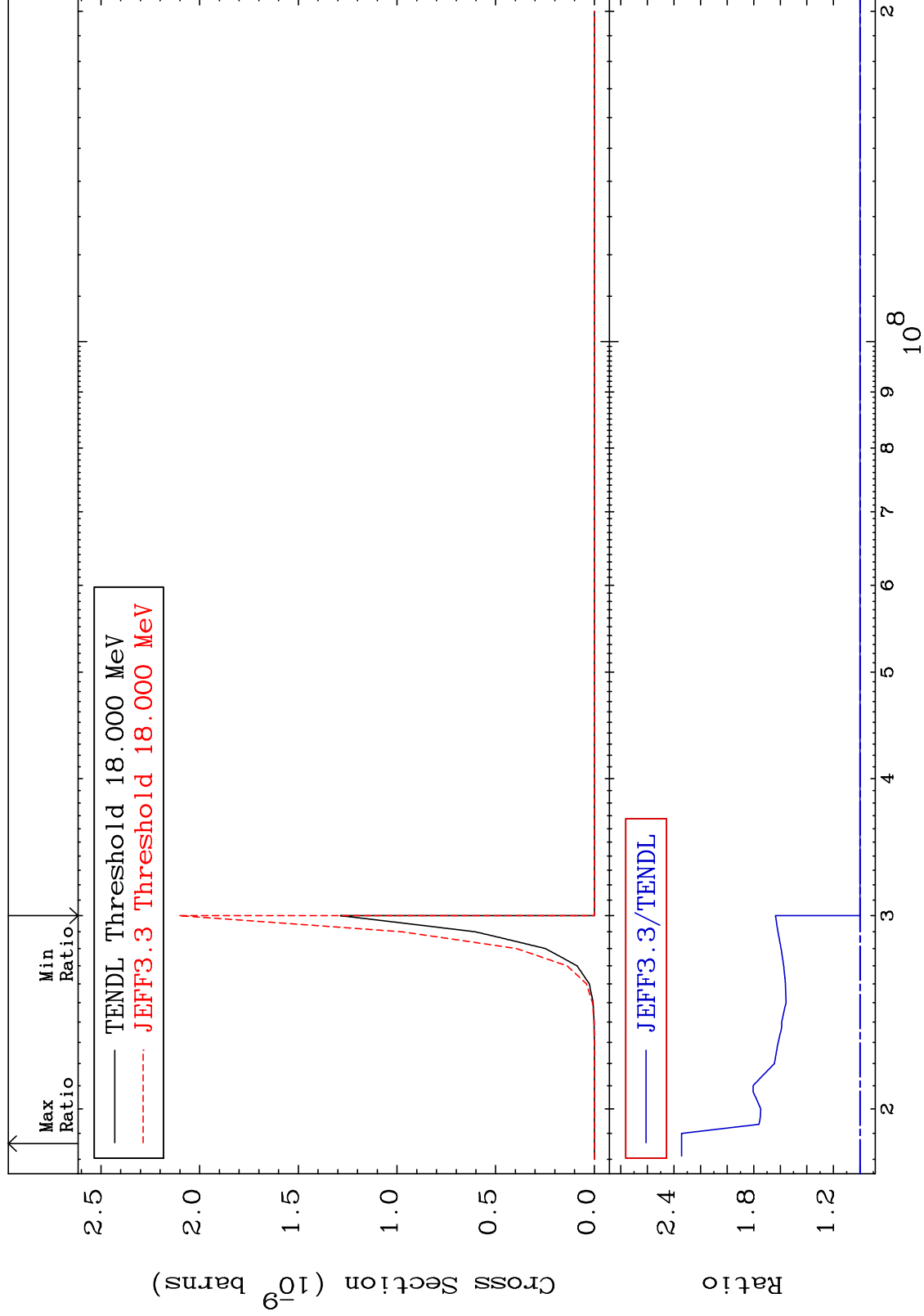
76-0s-186

MAT 7631

(n,p) t:74-W -183m7

76-0s-186

Radionuclide Production Cross Section 0.000 To 134.2 %



95

Incident Energy (eV)

76-0s-186