

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

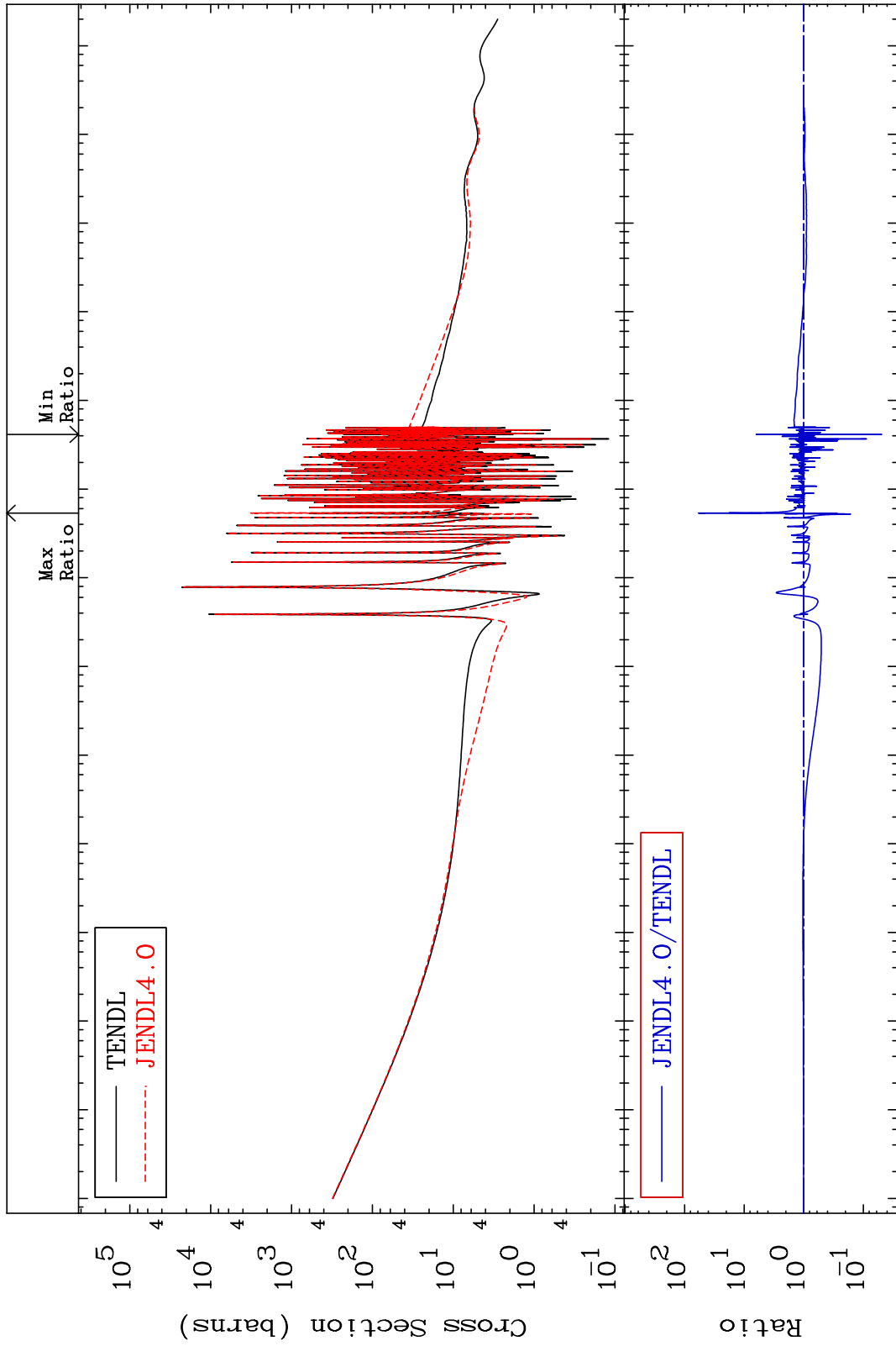
MAT 7637

Total

76-0s-188

Cross Section

-95.03 To 5780. %



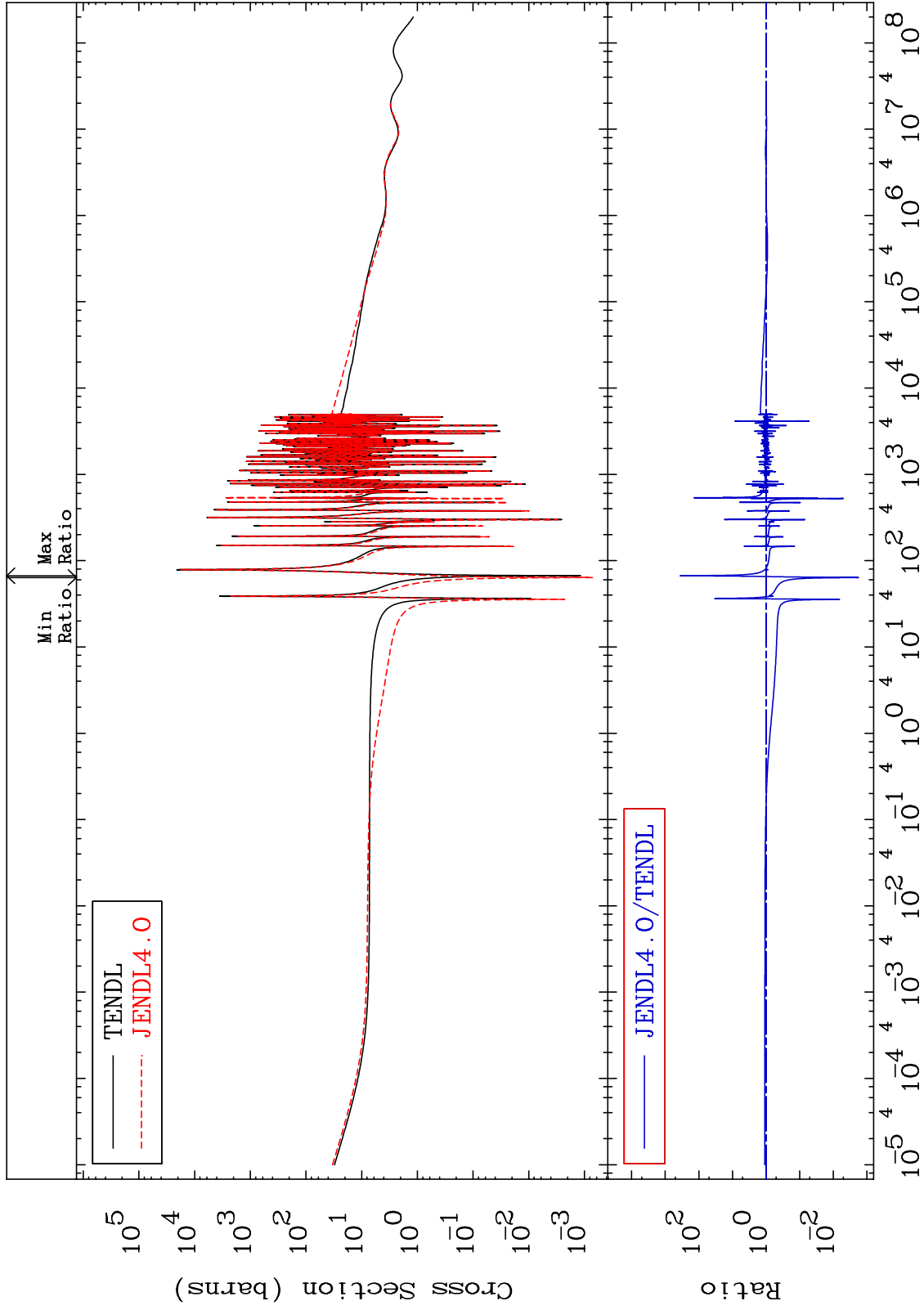
Incident Energy (eV)

76-0s-188

MAT 7637

Elastic
Cross Section

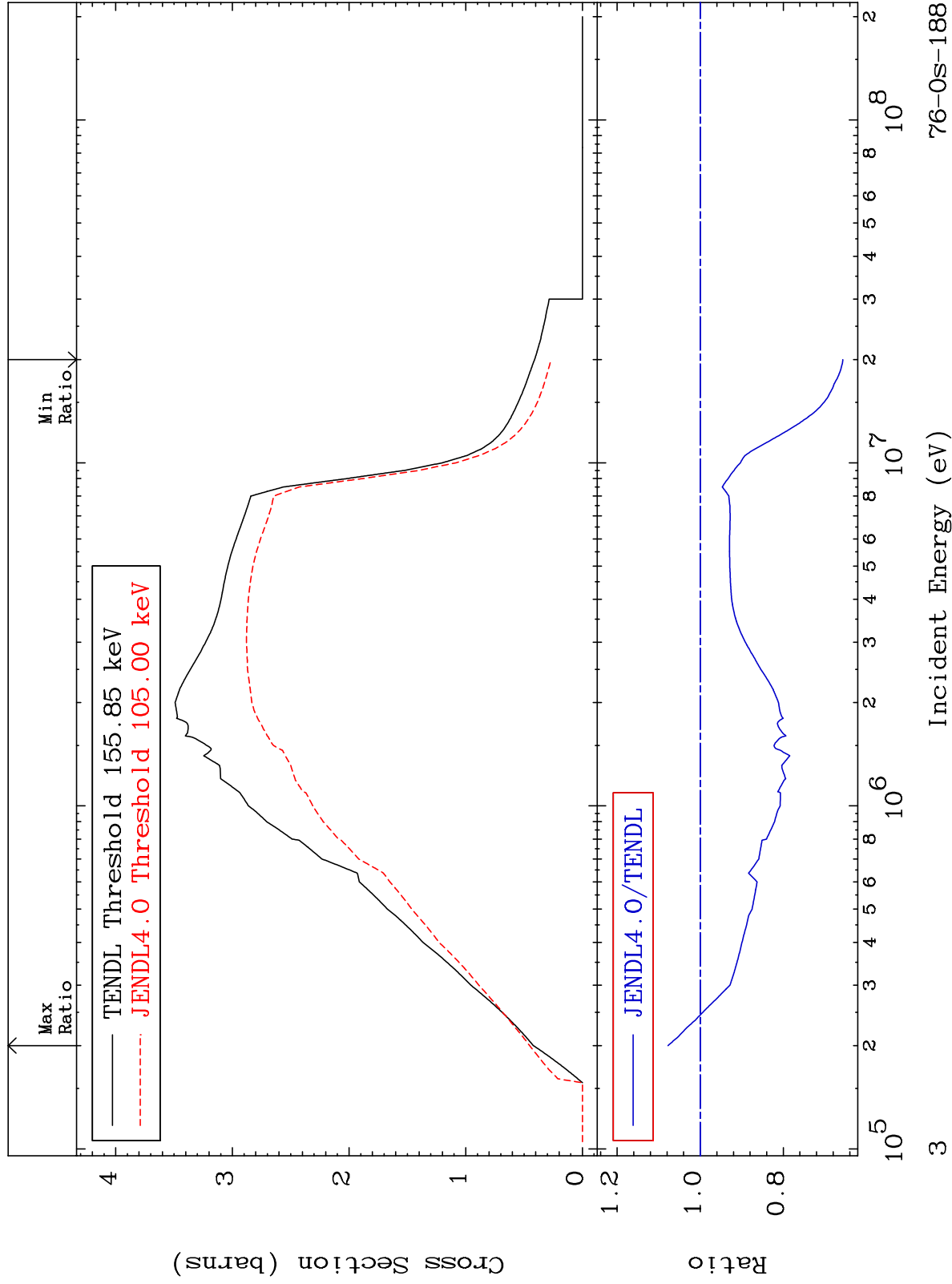
76-0s-188
-99.82 To 9999. %



MAT 7637

Inelastic
Cross Section

76-0s-188
-34.33 To 7.754 %



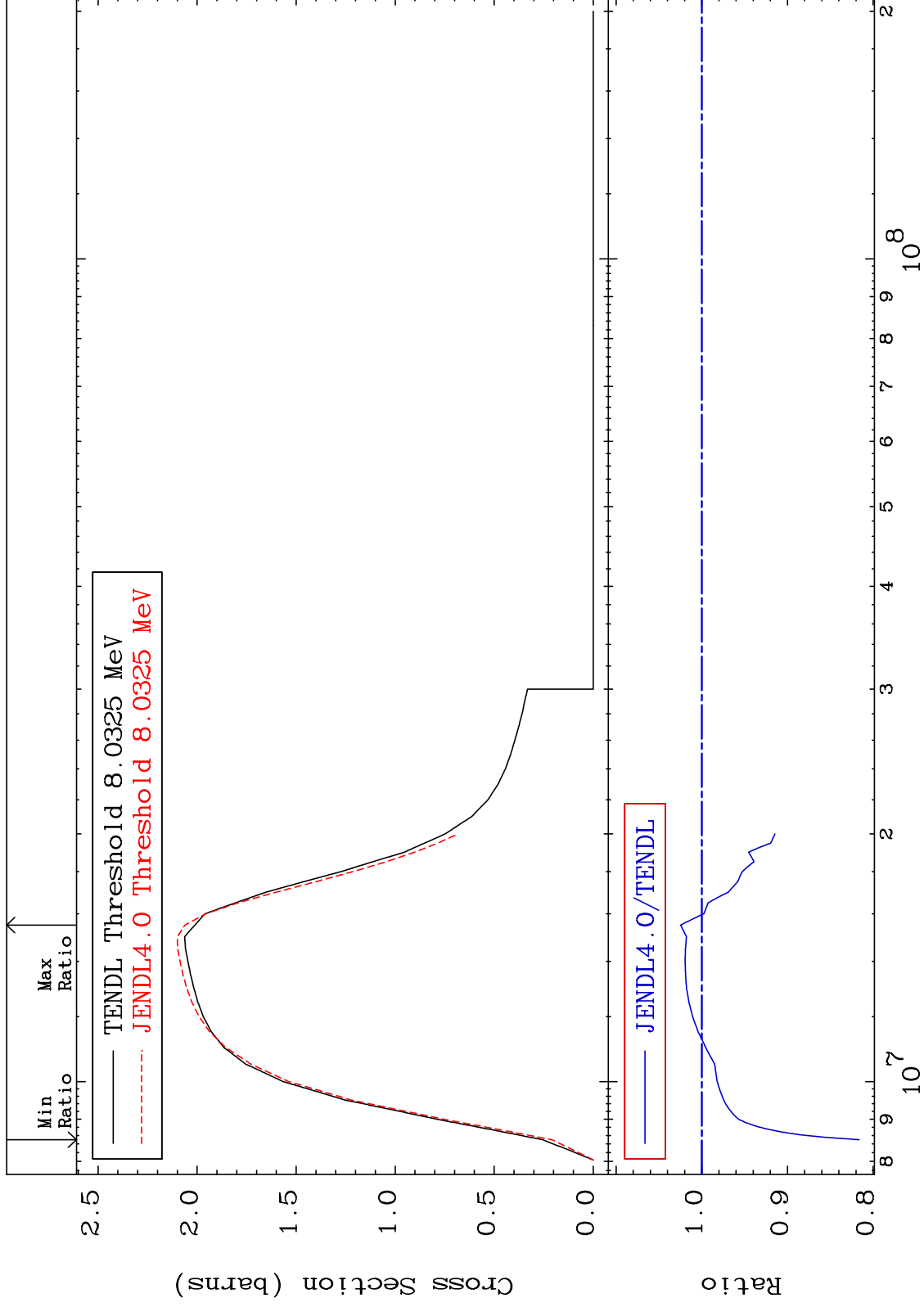
MAT 7637

(n,2n)

76-0s-188

Cross Section

-18.37 To 2.471 %



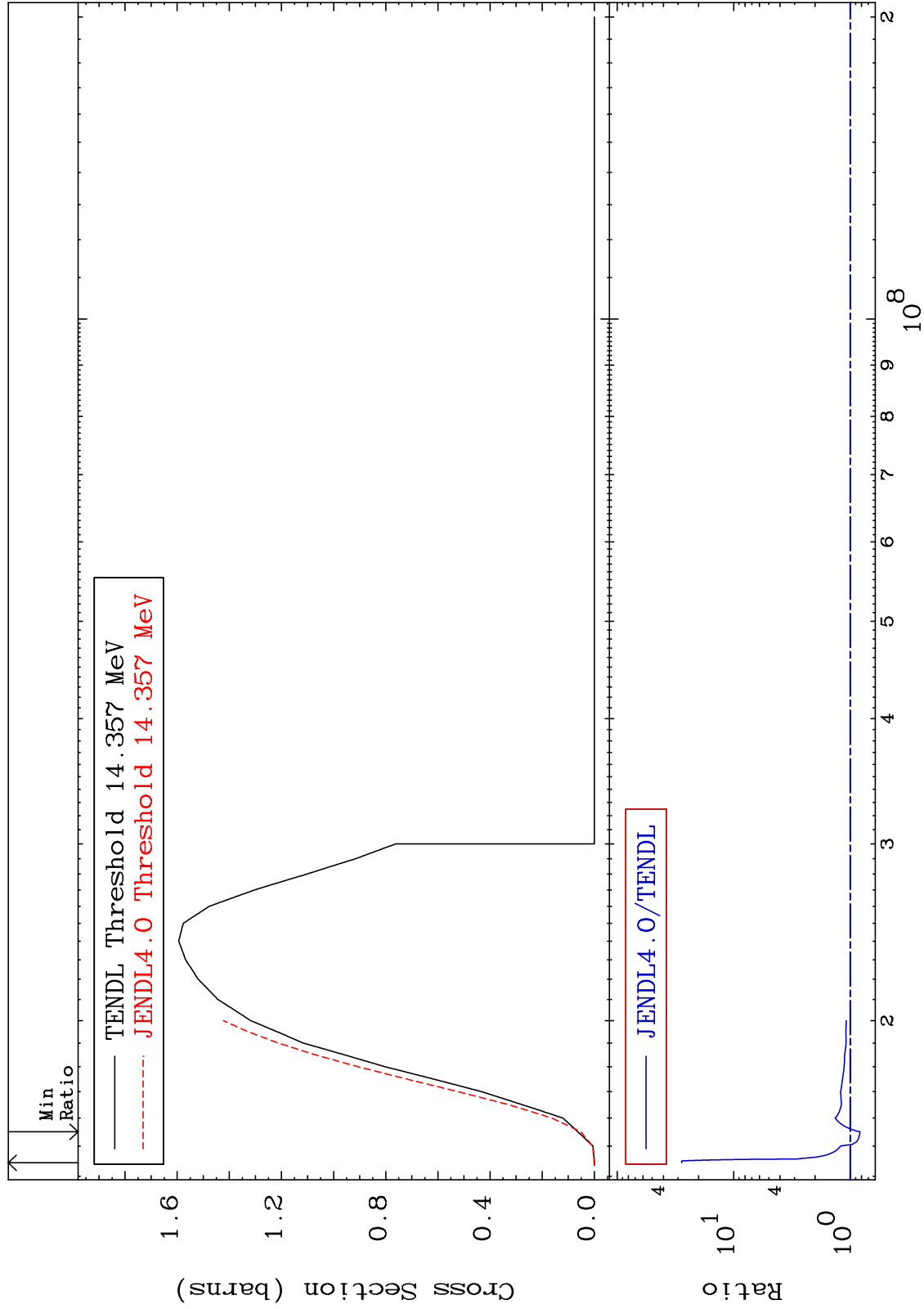
MAT 7637

(n, 3n)

76-0s-188

Cross Section

-17.64 To 2696. %



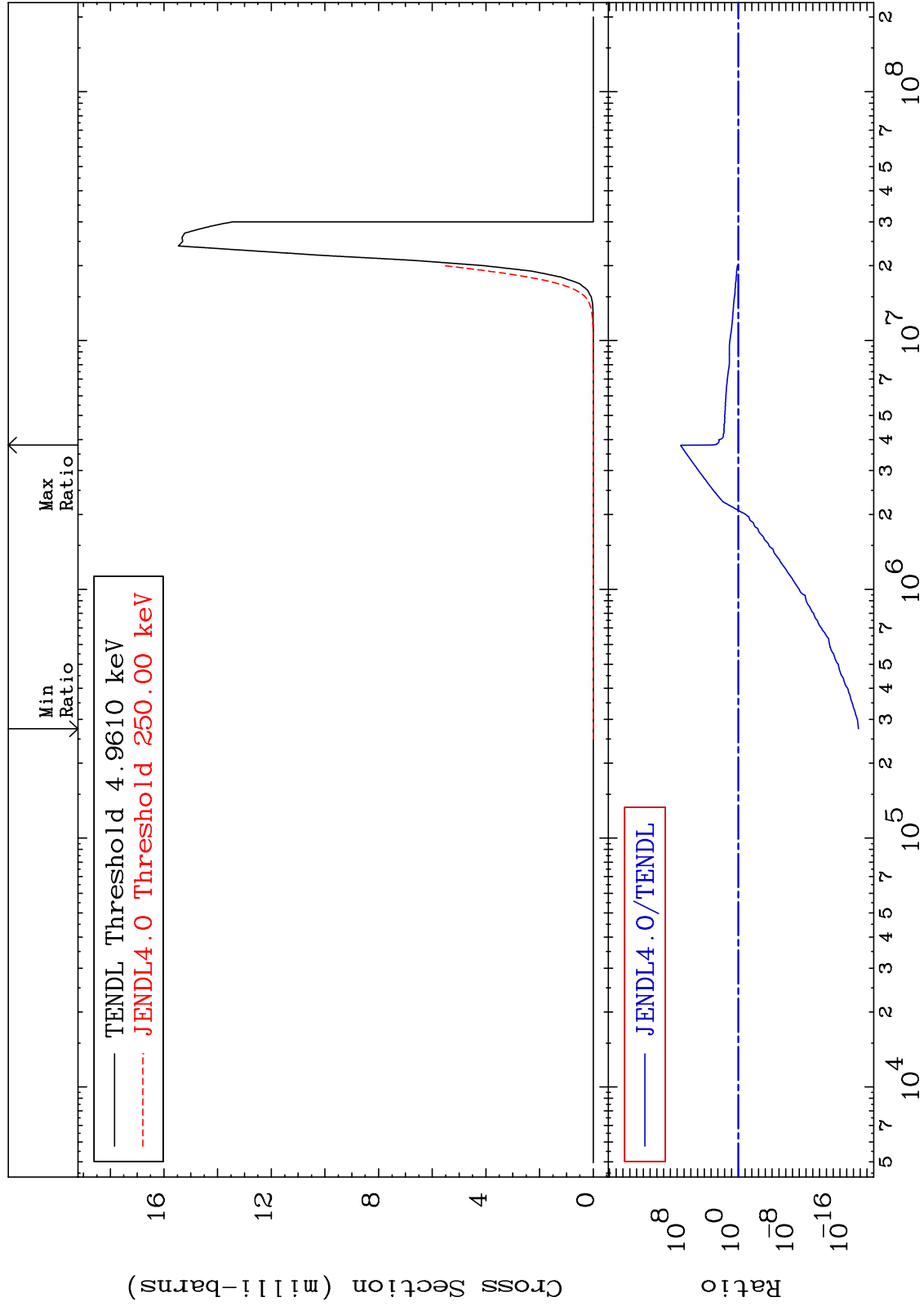
MAT 7637

(n,n') α

76-0s-188

-100.0 To 9999. %

Cross Section



6

Incident Energy (eV)

76-0s-188

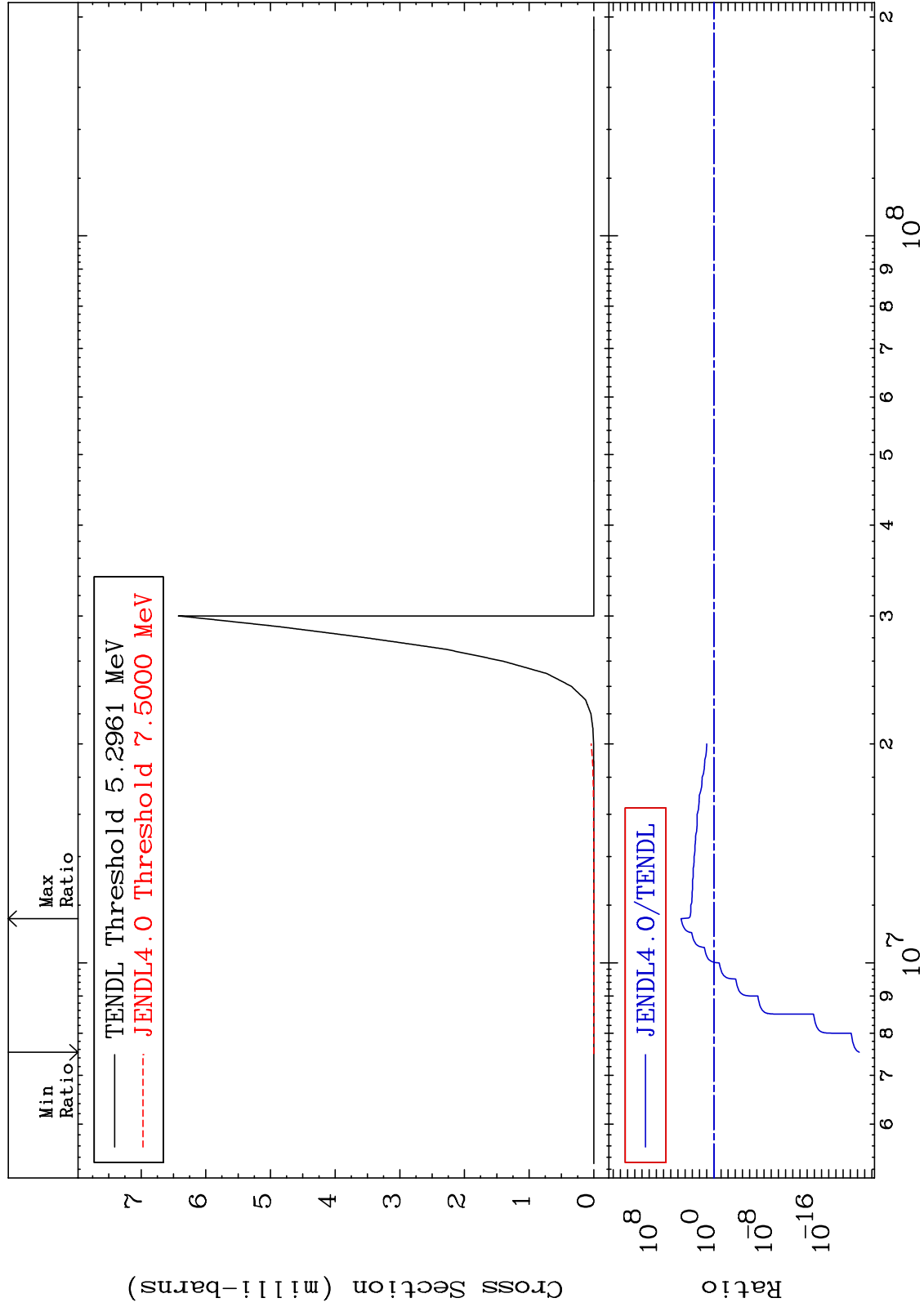
MAT 7637

(n,2n) α

76-0s-188

Cross Section

-100.0 To 9999. %



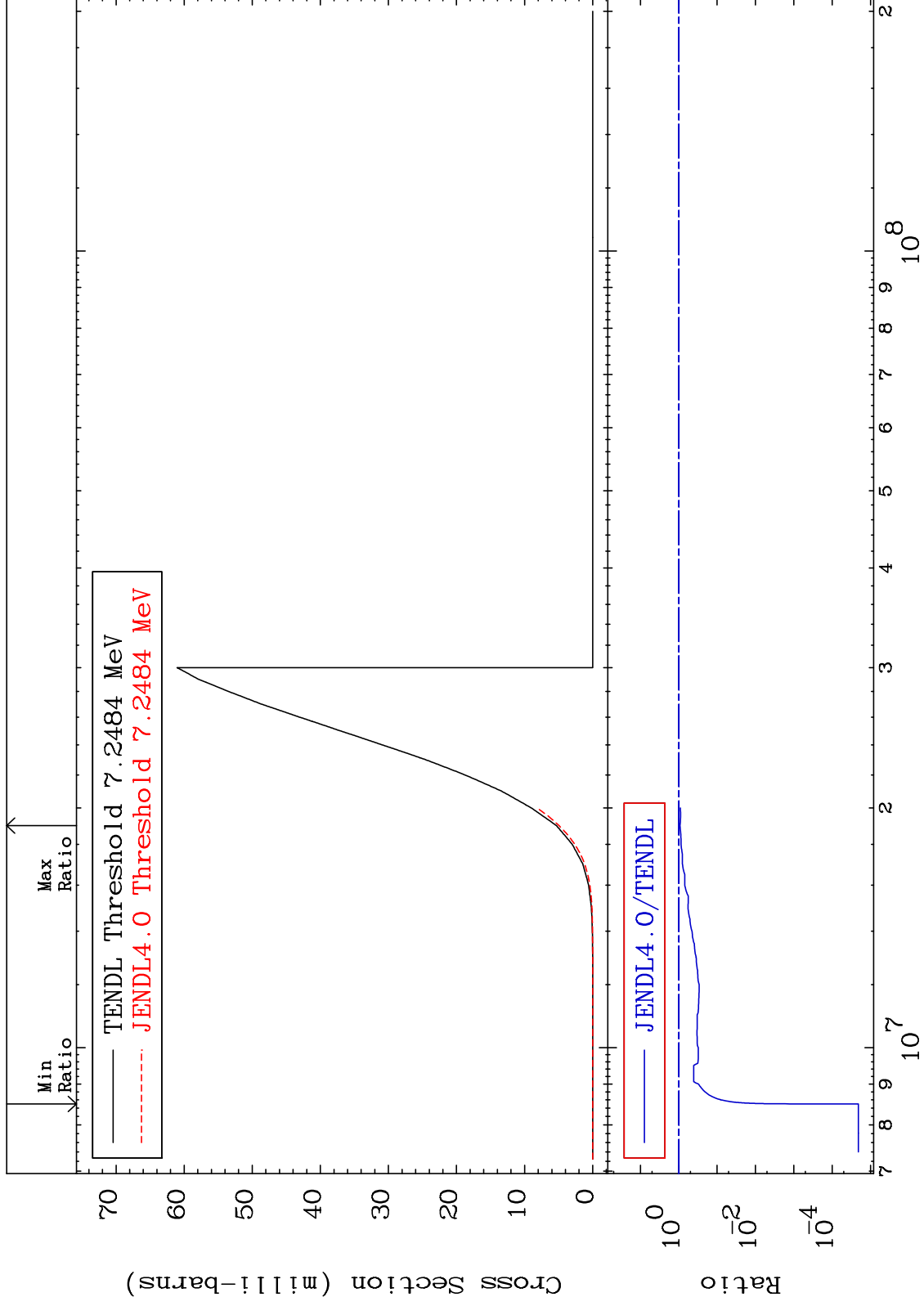
MAT 7637

(n,n') p

76-0s-188

Cross Section

-100.0 To -7.222%



8

Incident Energy (eV)

76-0s-188

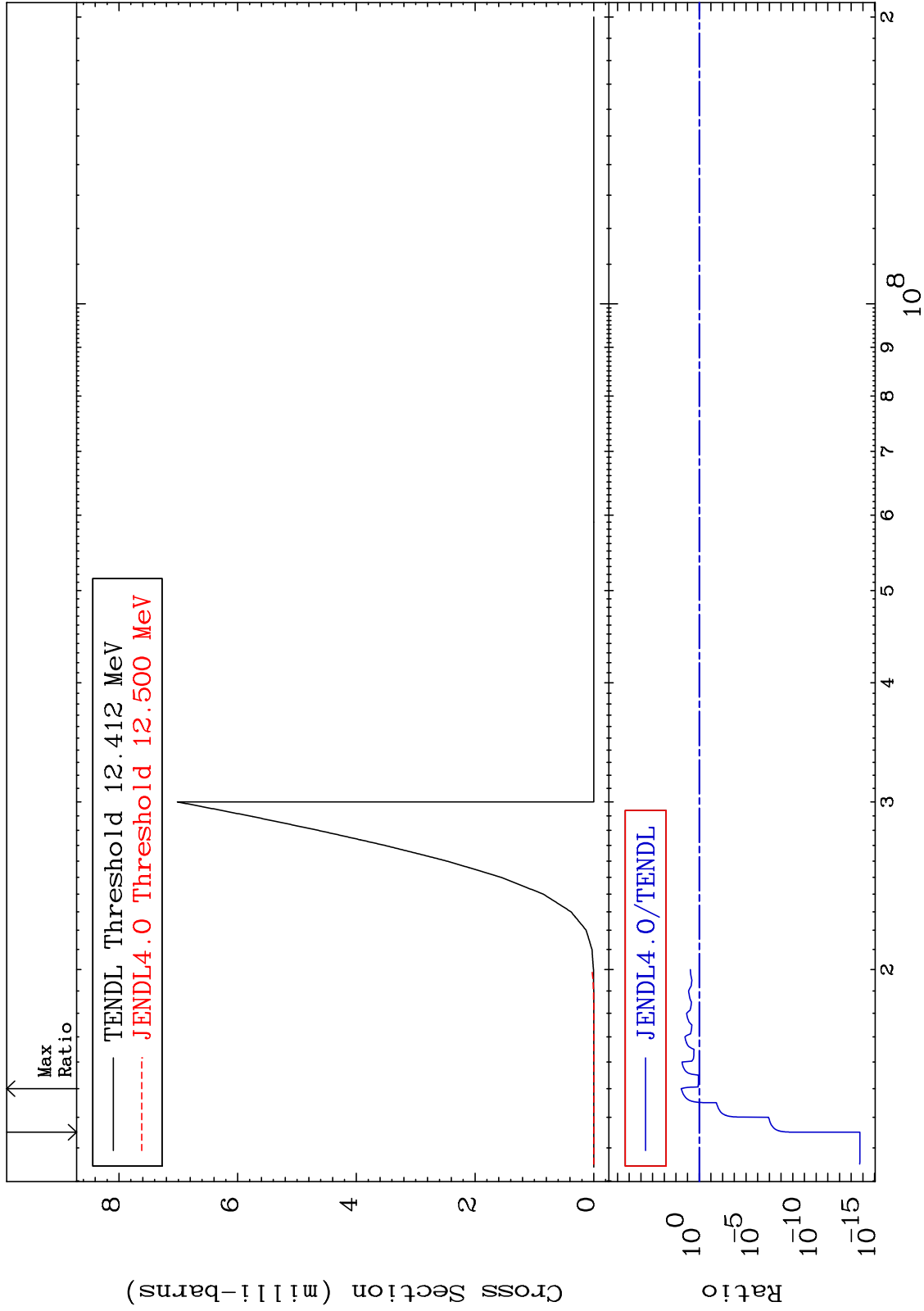
MAT 7637

(n, n') d

76-0s-188

Cross Section

-100.0 To 3410. %



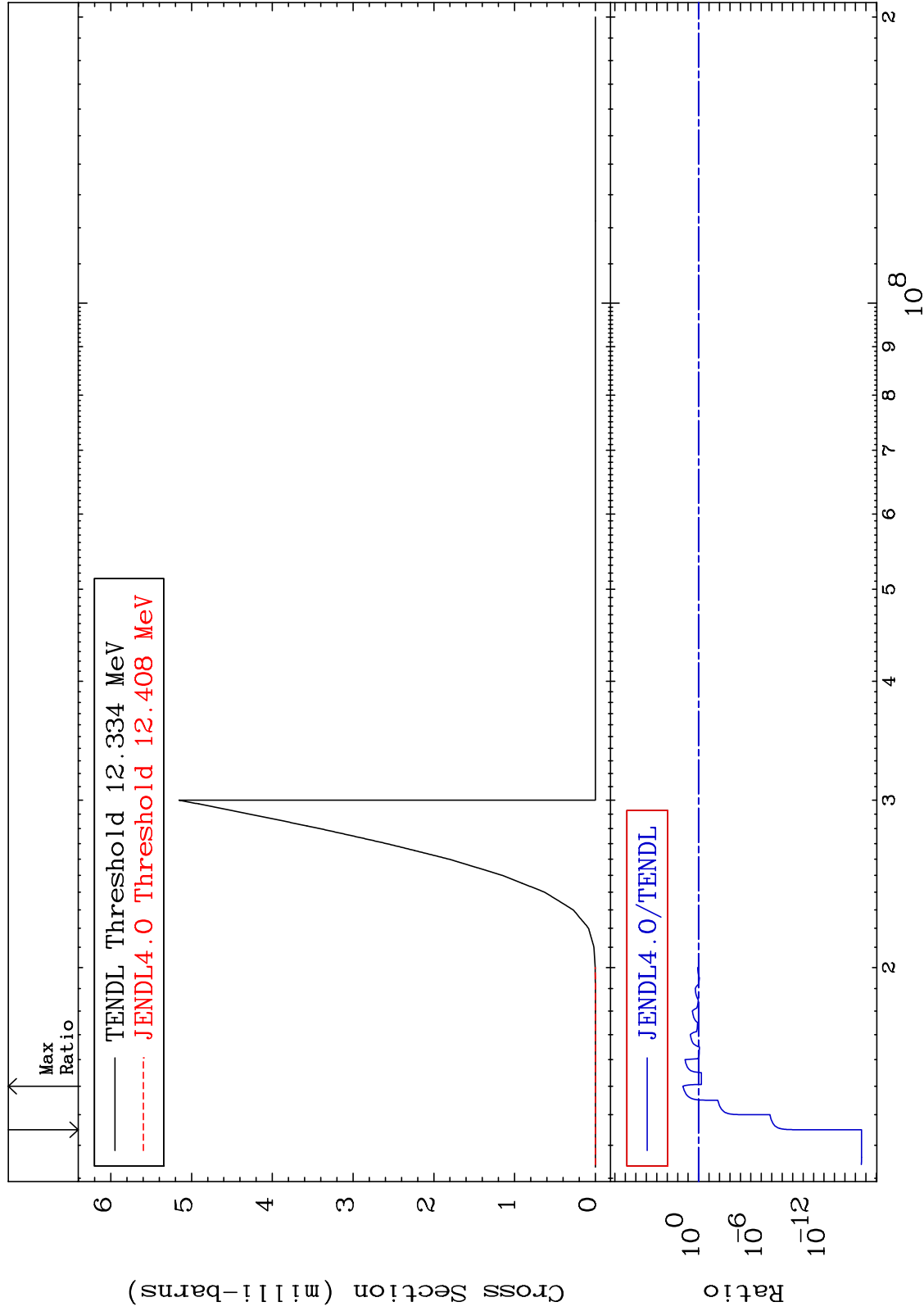
MAT 7637

(n,n') t

76-0s-188

Cross Section

-100.0 To 3090. %



10

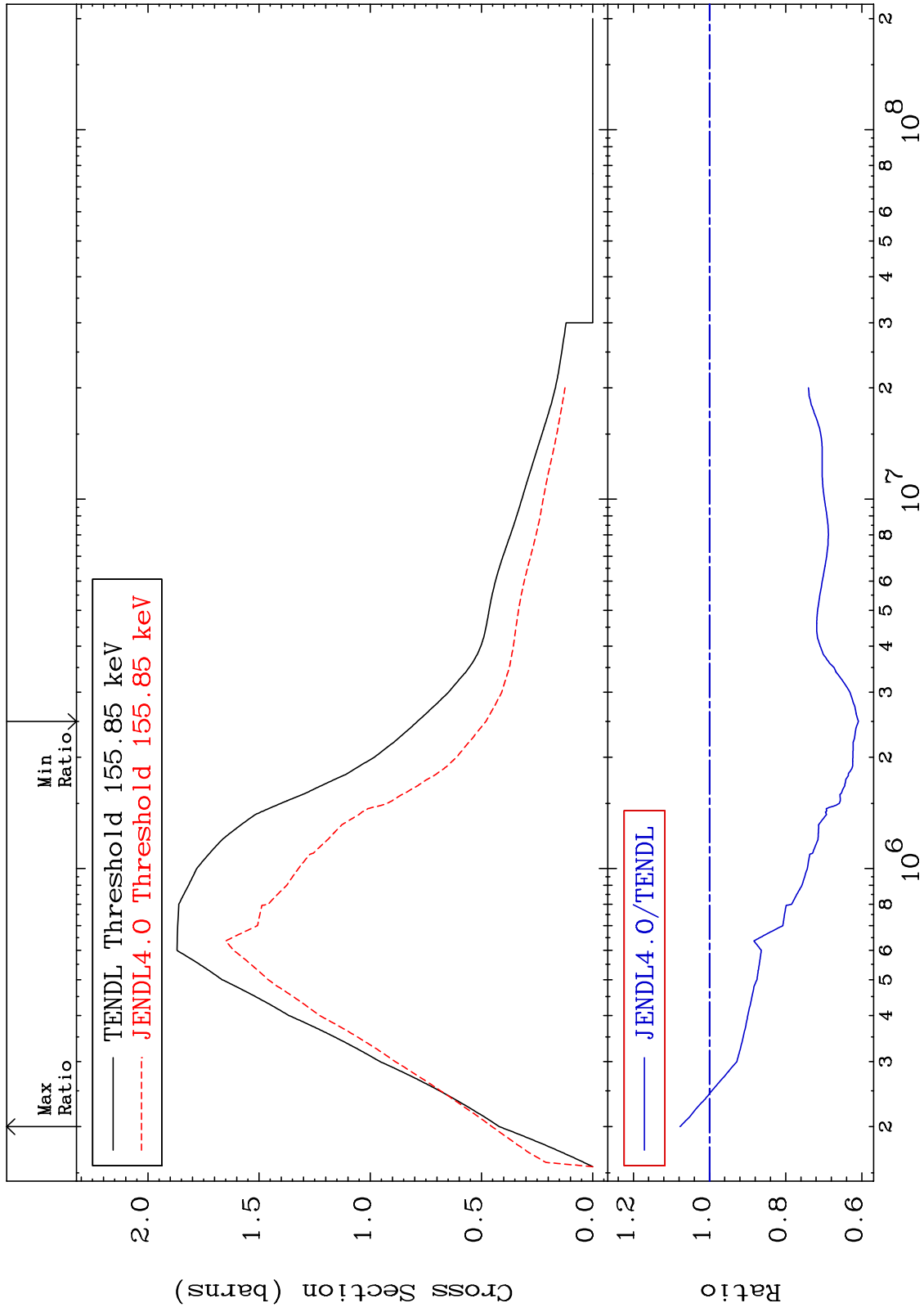
Incident Energy (eV)

76-0s-188

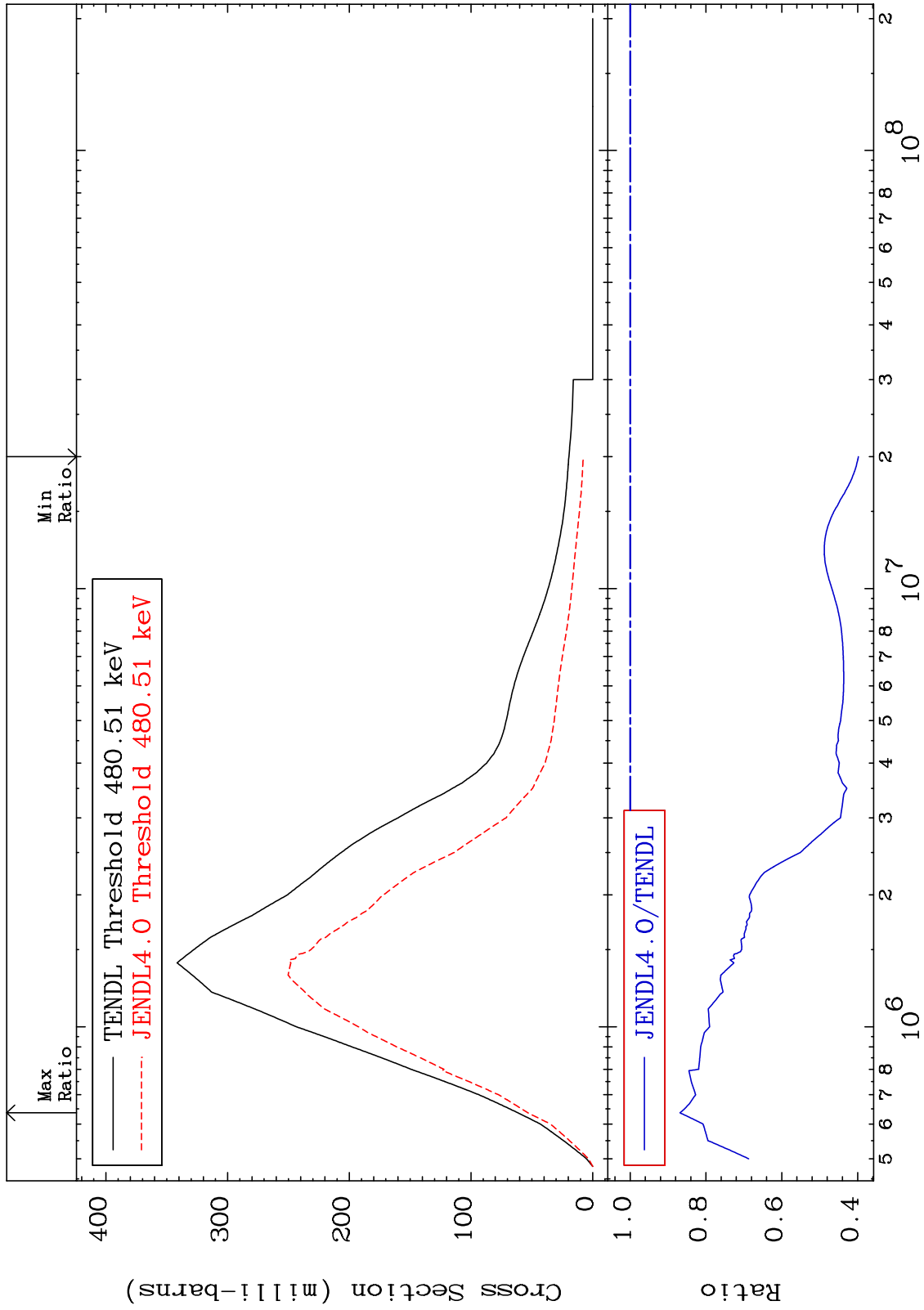
MAT 7637

MT= 51 (n,n') Level
Cross Section

76-0s-188
-39.11 To 7.753 %



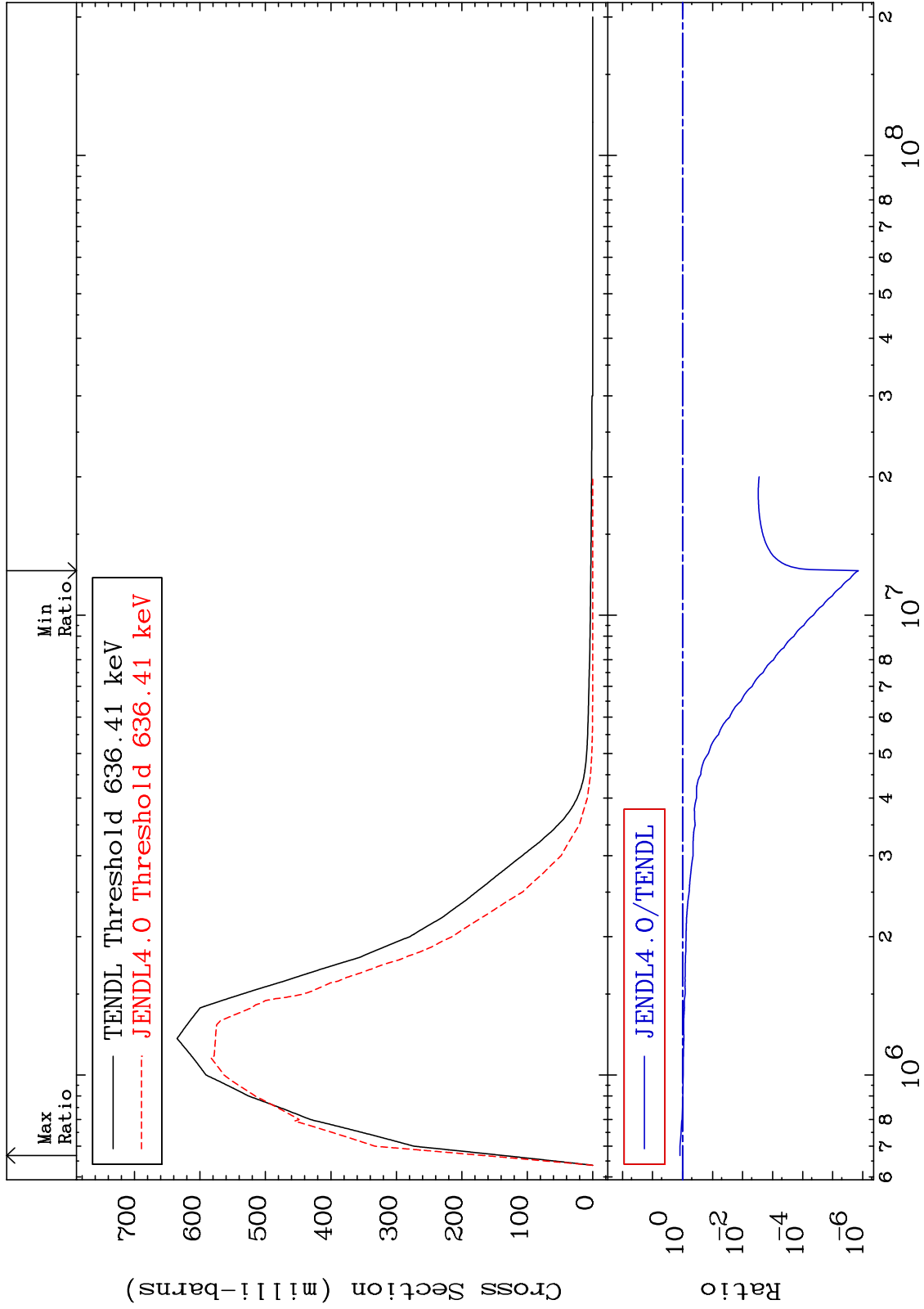
MAT 7637 MT= 52 (n,n') Level Cross Section 76-0s-188 -60.21 To -13.16%



MAT 7637

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

76-0s-188
-100.0 To 21.81 %



Incident Energy (eV)

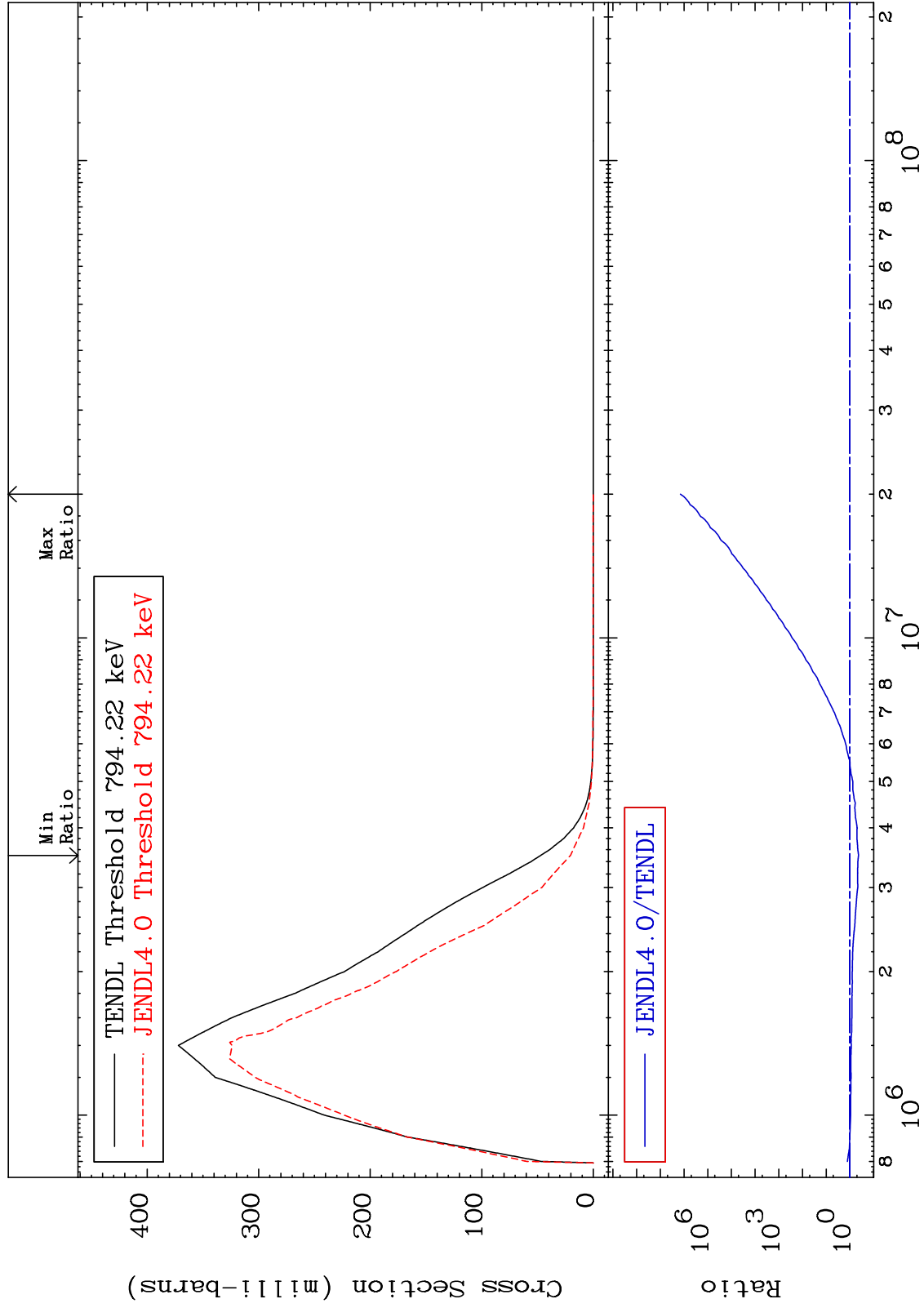
76-0s-188

13

MAT 7637

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

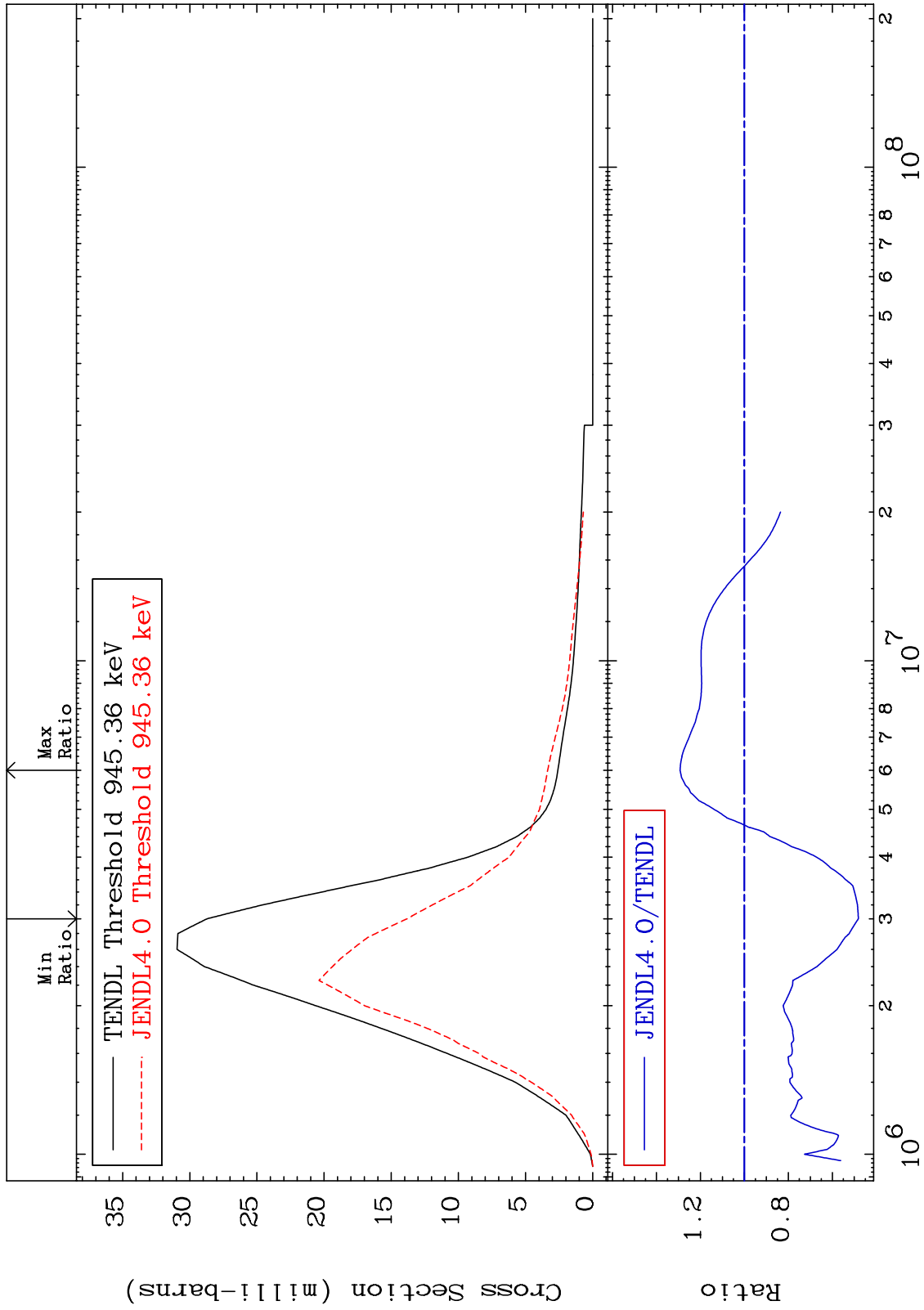
76-0s-188
-56.86 To 9999. %



MAT 7637

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

76-0s-188
-51.86 To 29.27 %



76-0s-188

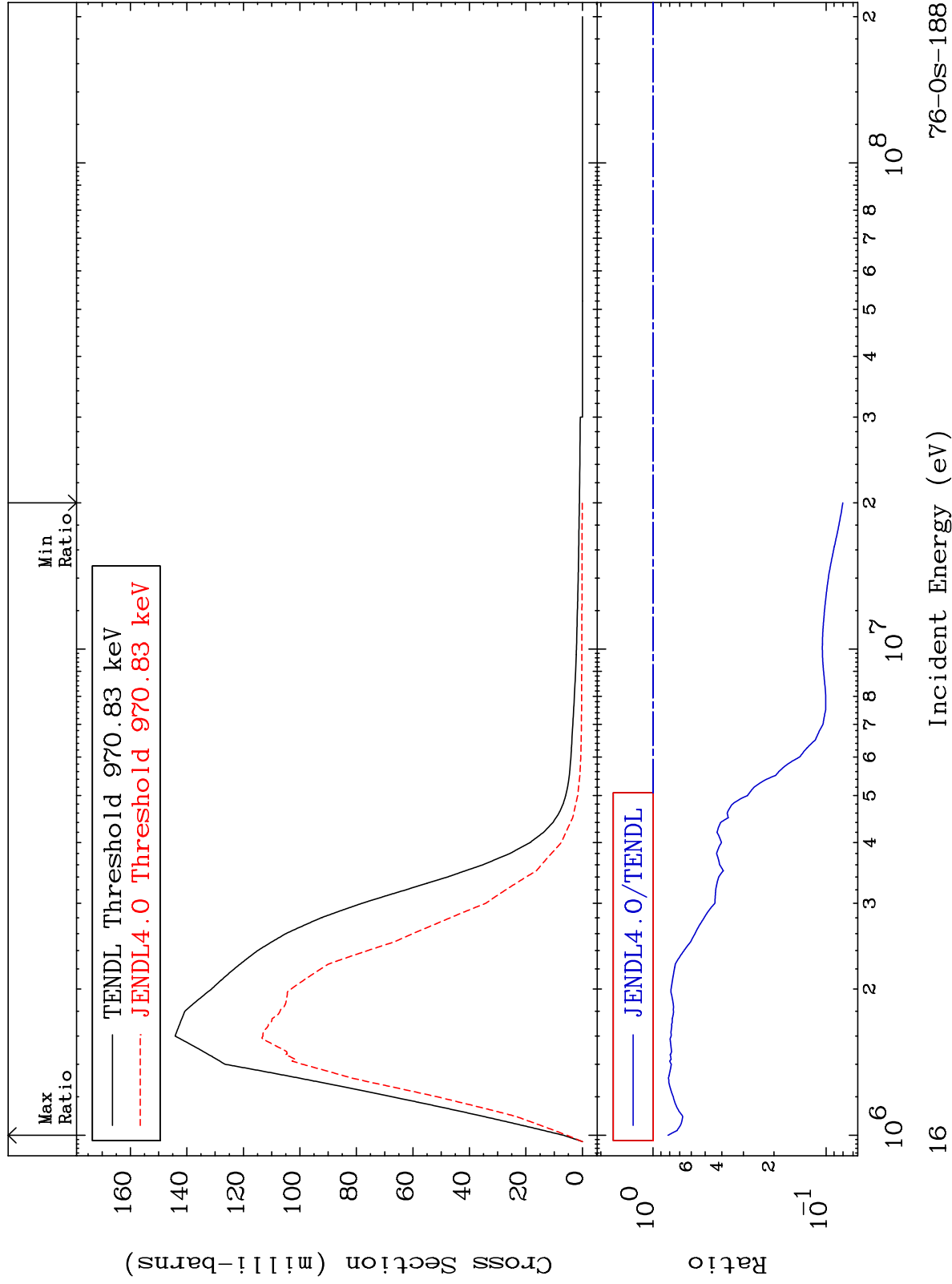
Incident Energy (eV)

15

MAT 7637

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

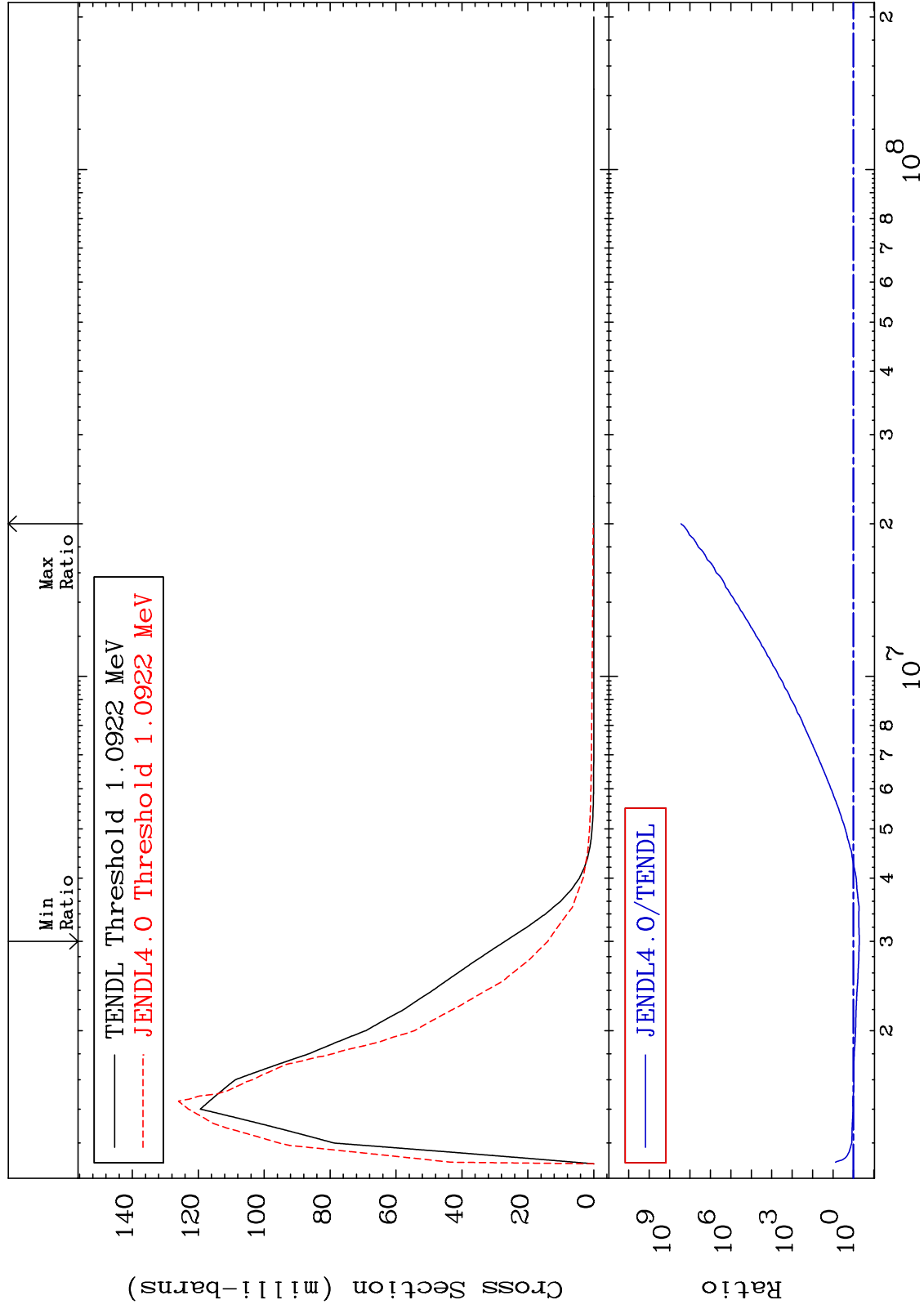
76-0s-188
-91.99 To -18.19%



MAT 7637

MT= 57 (n, n') Level
Cross Section

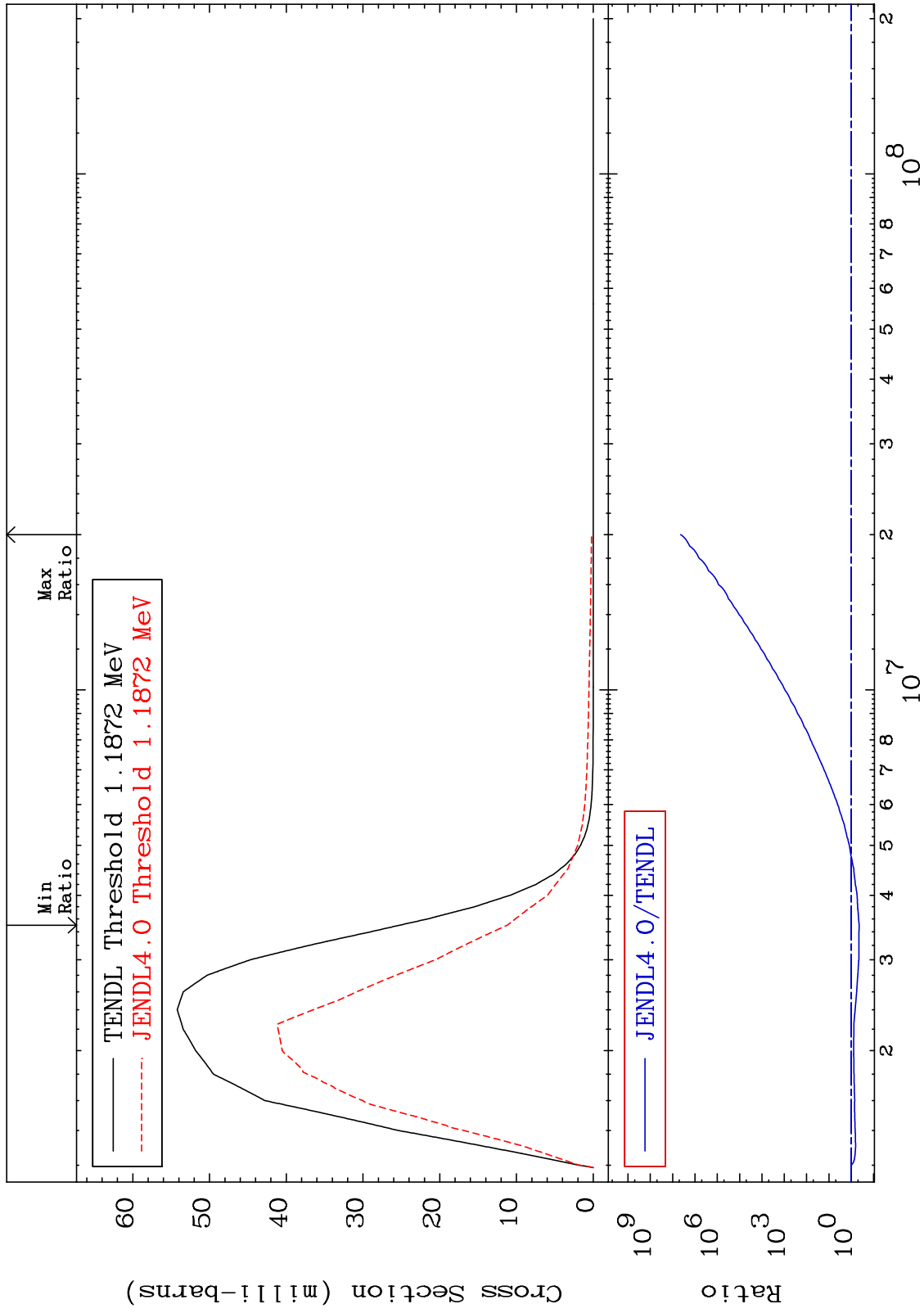
76-0s-188
-48.15 To 9999. %



MAT 7637

MT= 58 (n,n') Level
Cross Section

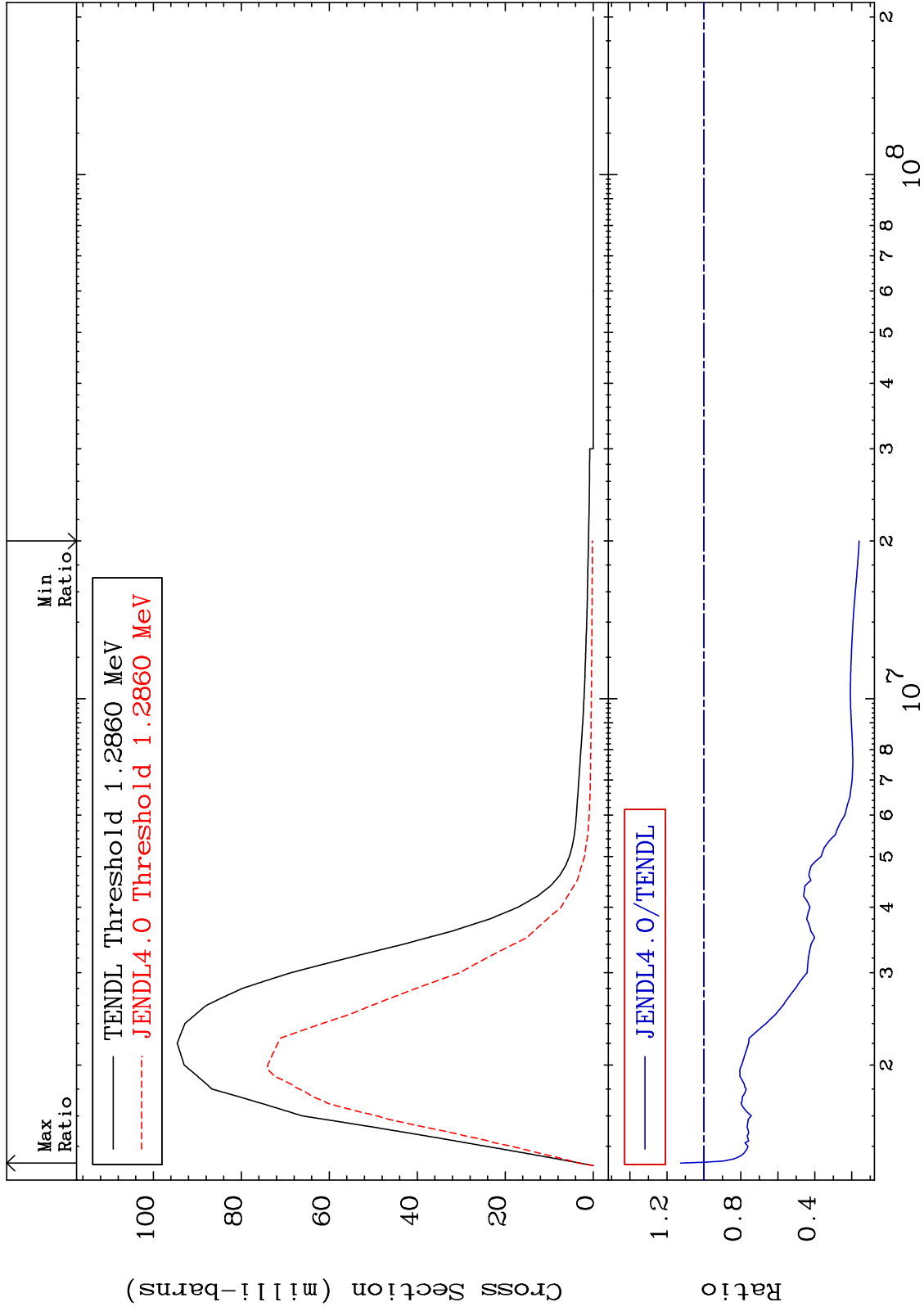
76-0s-188
-55.63 To 9999. %



MAT 7637

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

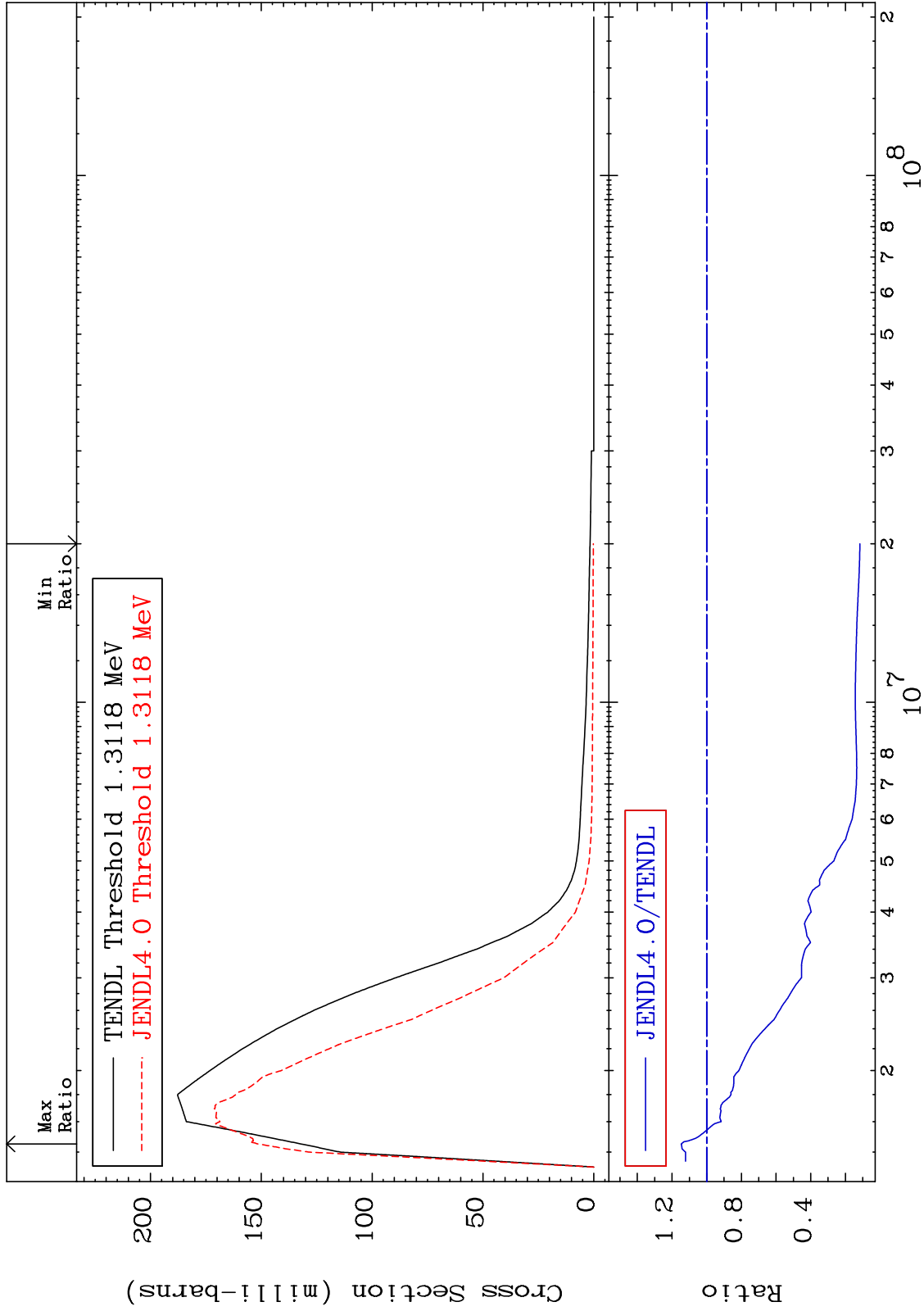
76-0s-188
-84.02 To 12.60 %



MAT 7637

MT= 60 (n,n') Level
Cross Section

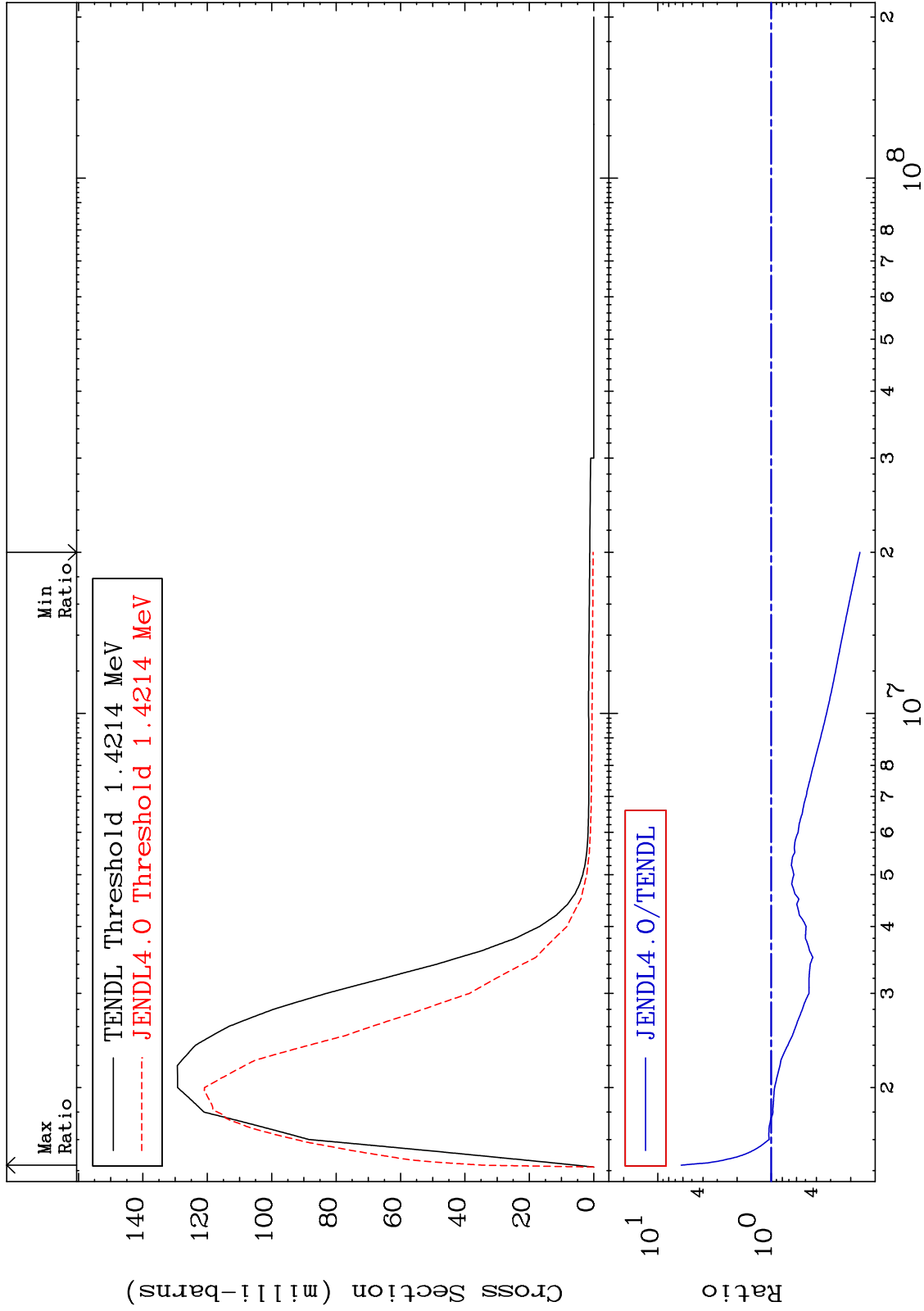
76-0s-188
-88.39 To 14.69 %



MAT 7637

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

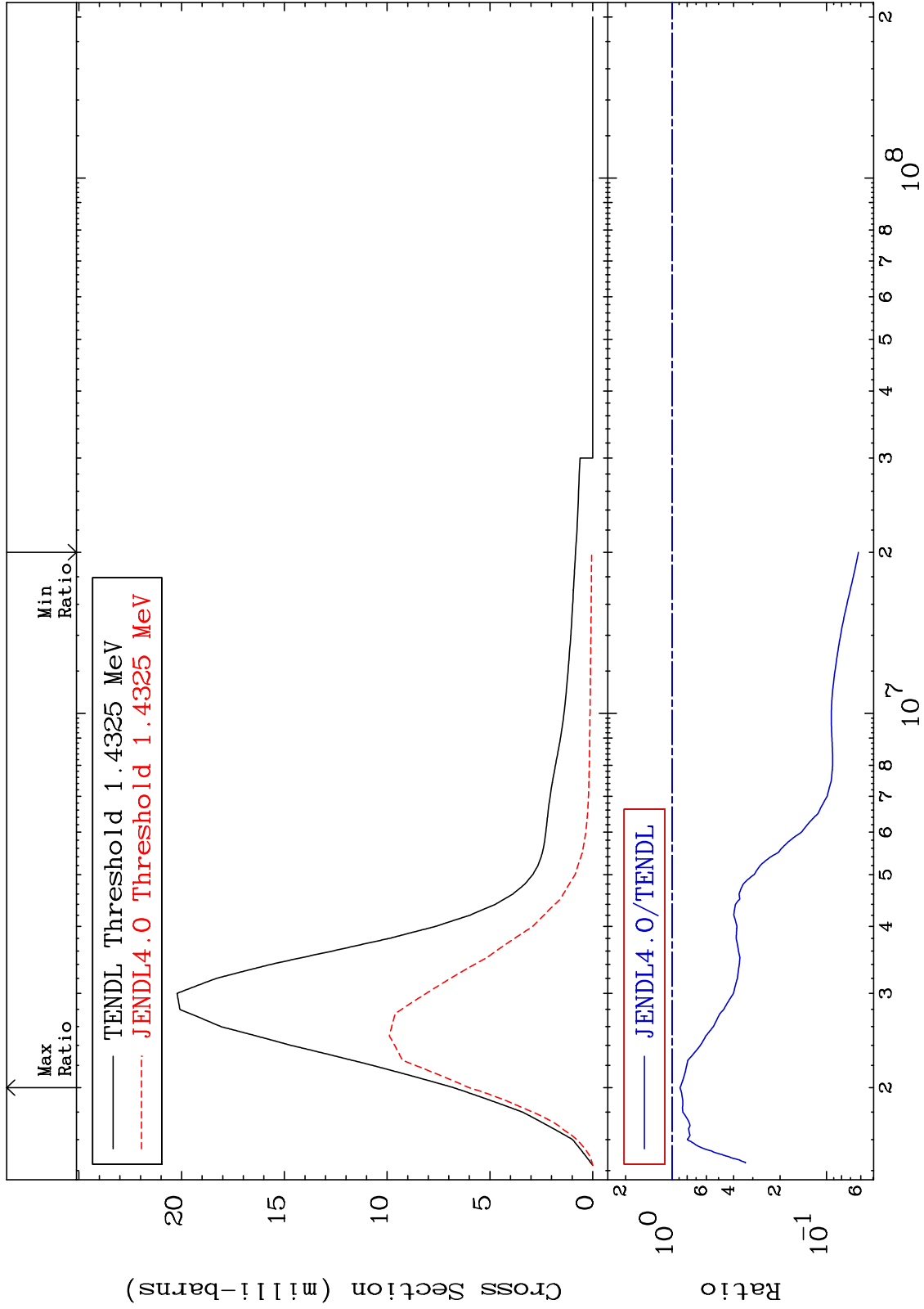
76-0s-188
-83.44 To 521.3 %



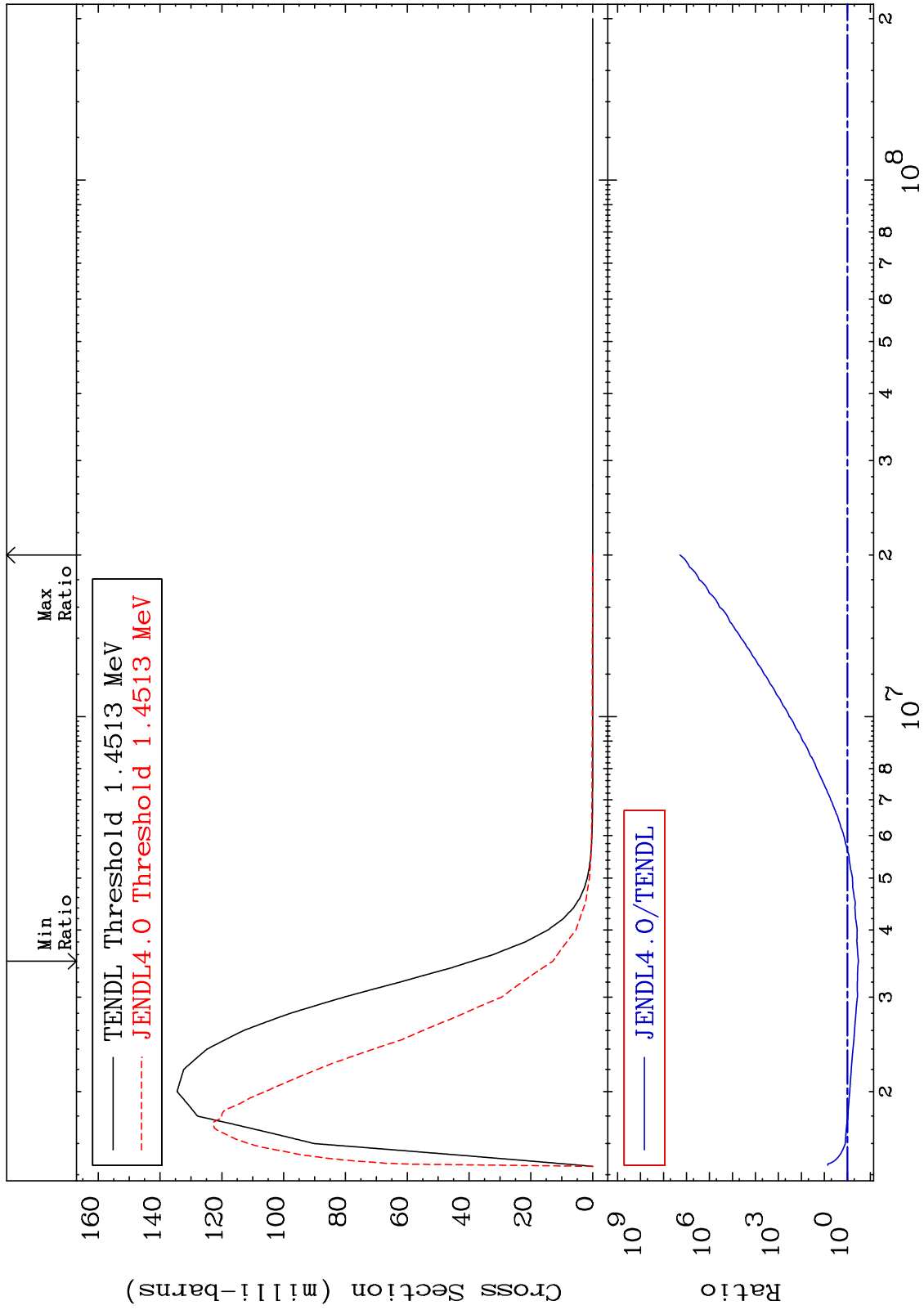
MAT 7637

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

76-0s-188
-93.78 To -11.17%



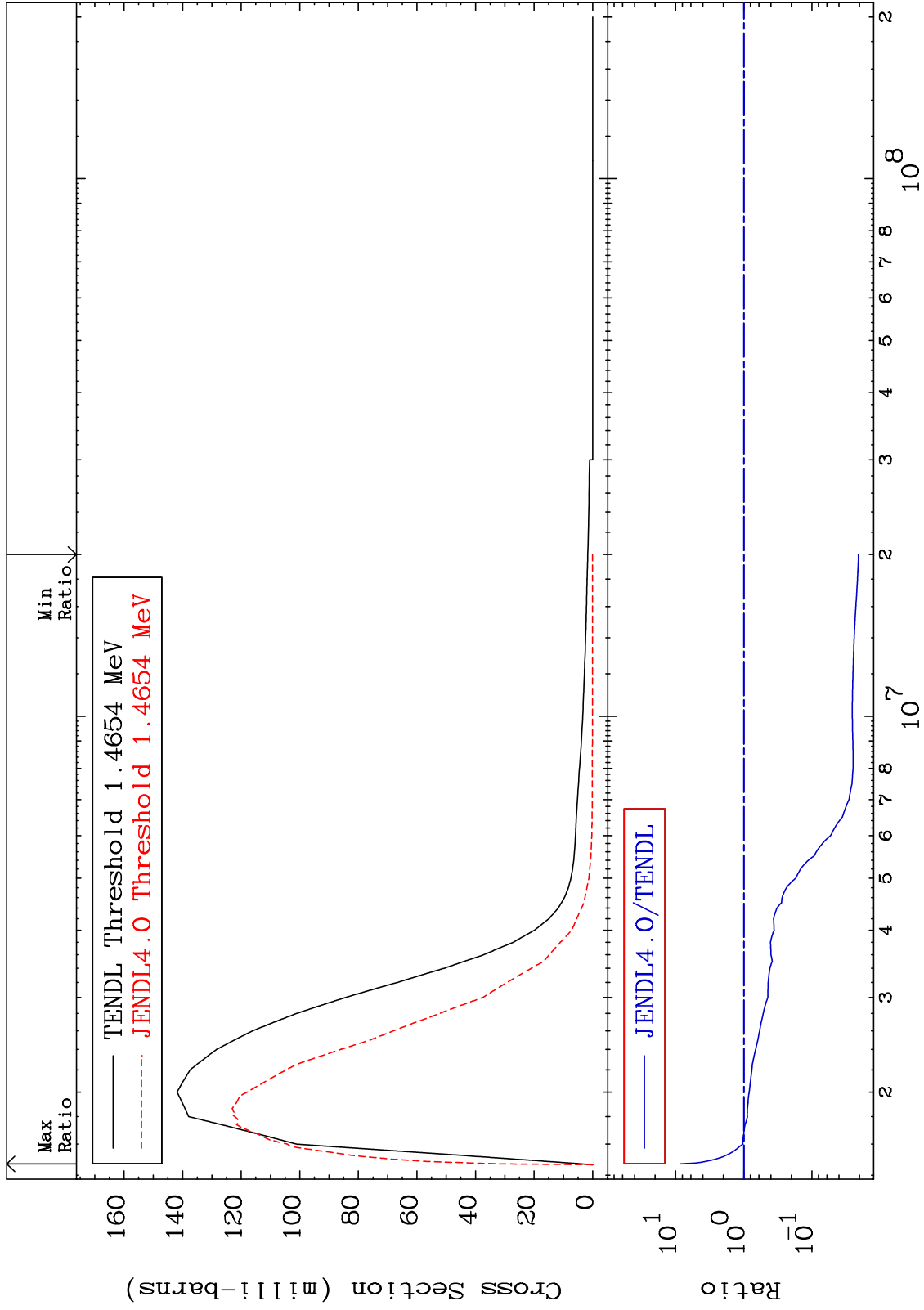
MAT 7637 MT= 63 (n,n') Level Cross Section 76-0s-188
 -66.94 To 9999. %



MAT 7637

MT= 64 (n,n') Level
Cross Section

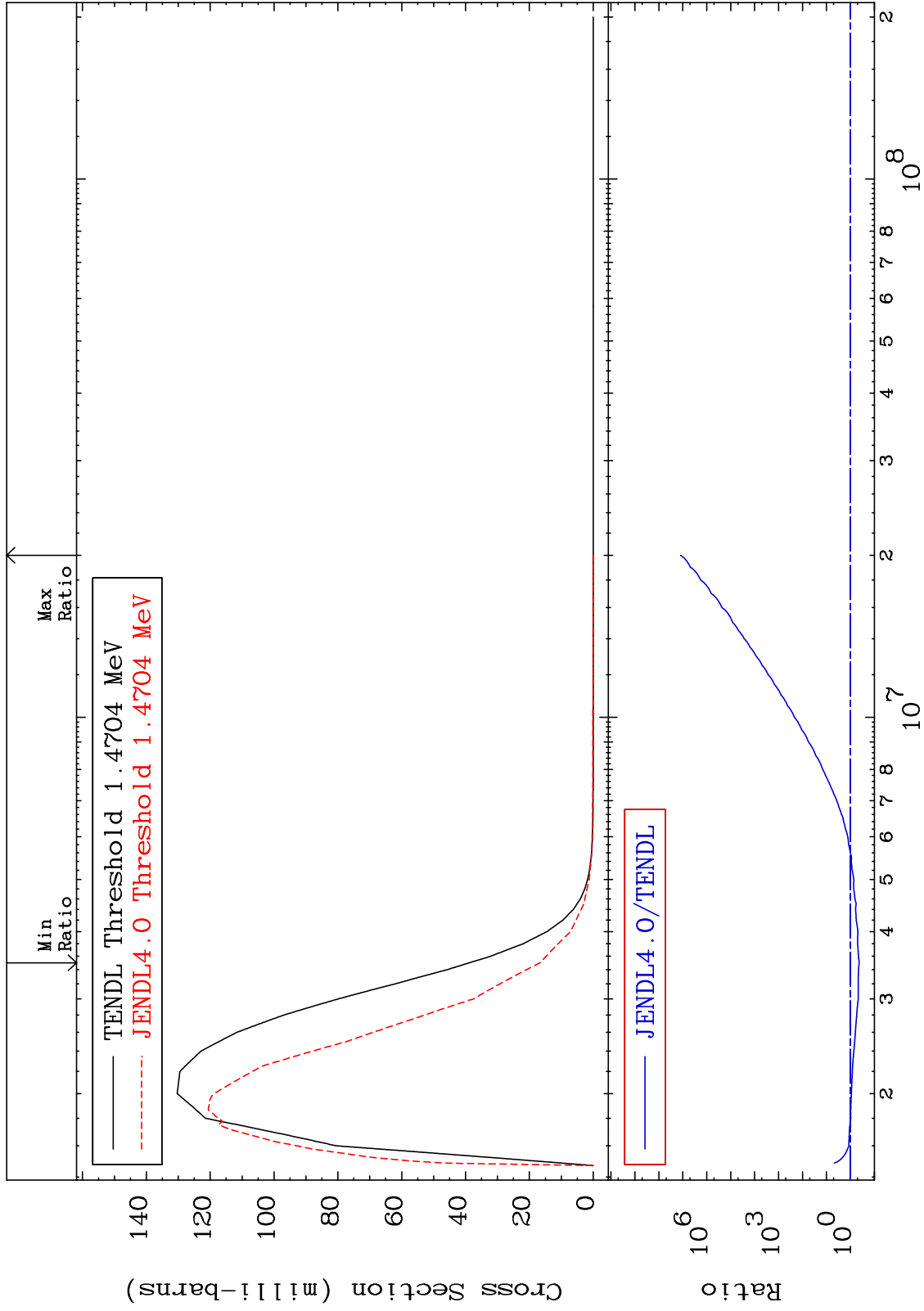
76-0s-188
-97.93 To 763.5 %



MAT 7637

MT= 65 (n,n') Level
Cross Section

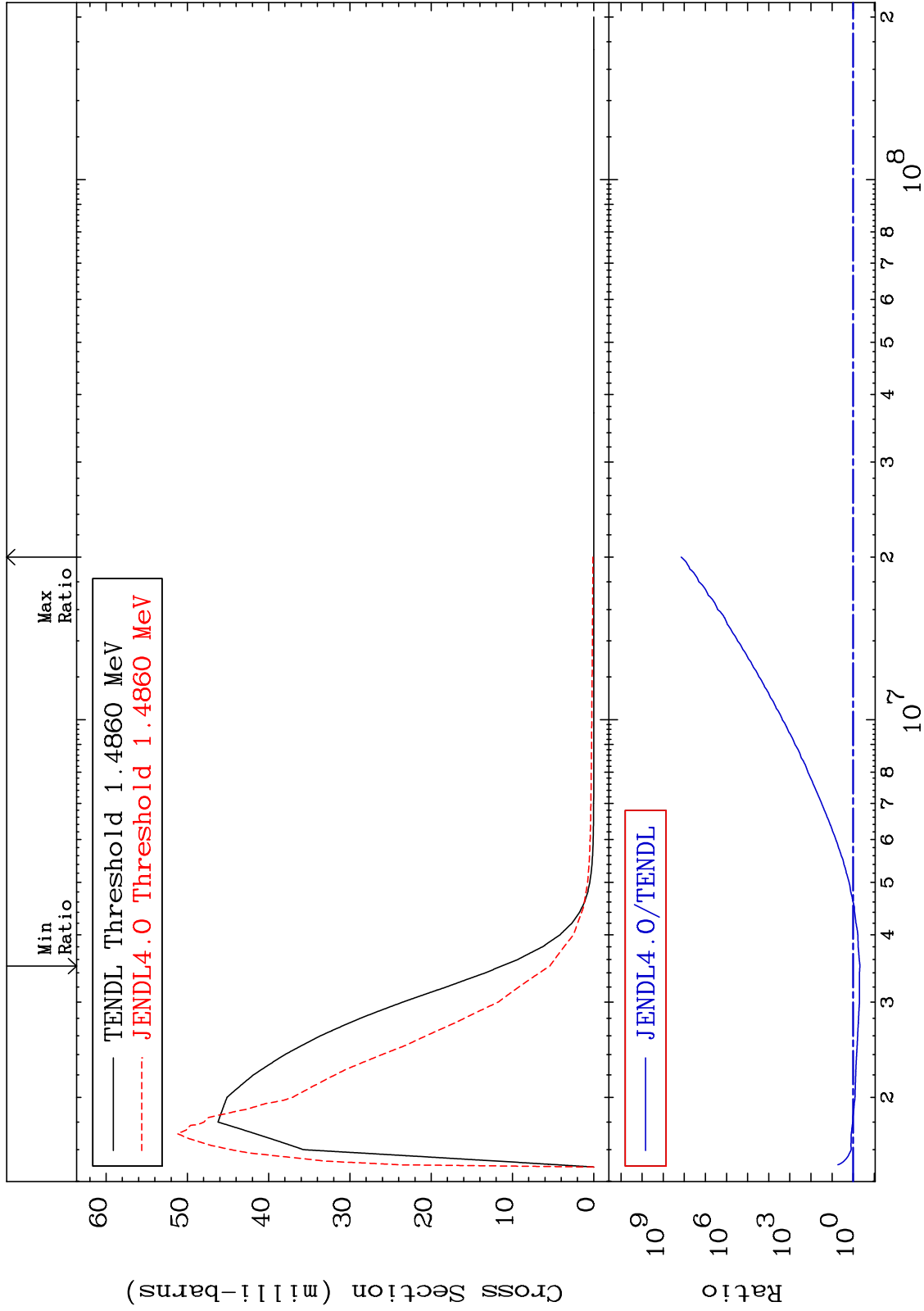
76-0s-188
-57.07 To 9999. %



MAT 7637

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

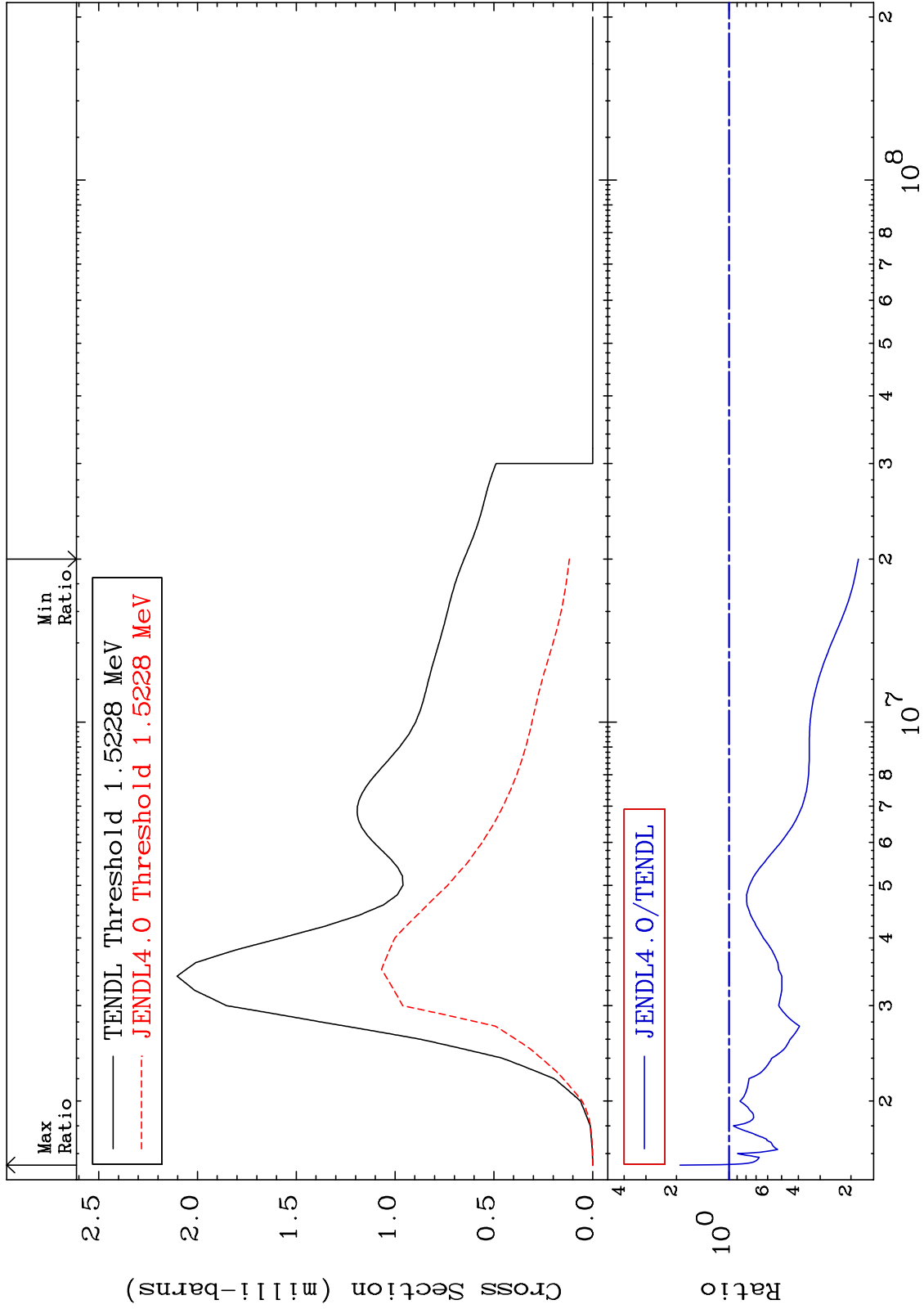
76-0s-188
-52.26 To 9999. %



MAT 7637

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

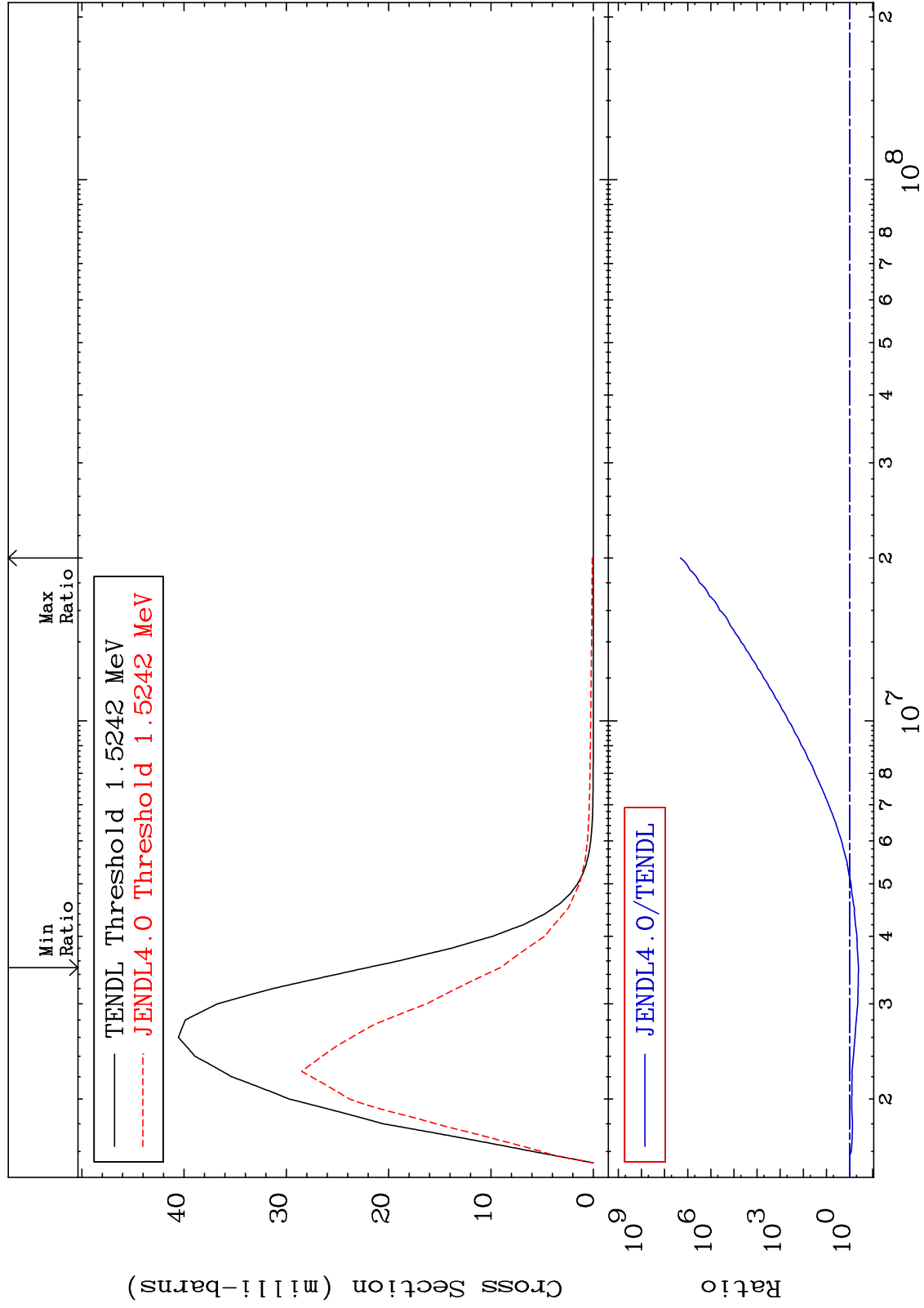
76-0s-188
-81.89 To 91.05 %



MAT 7637

MT= 68 (n,n') Level
Cross Section

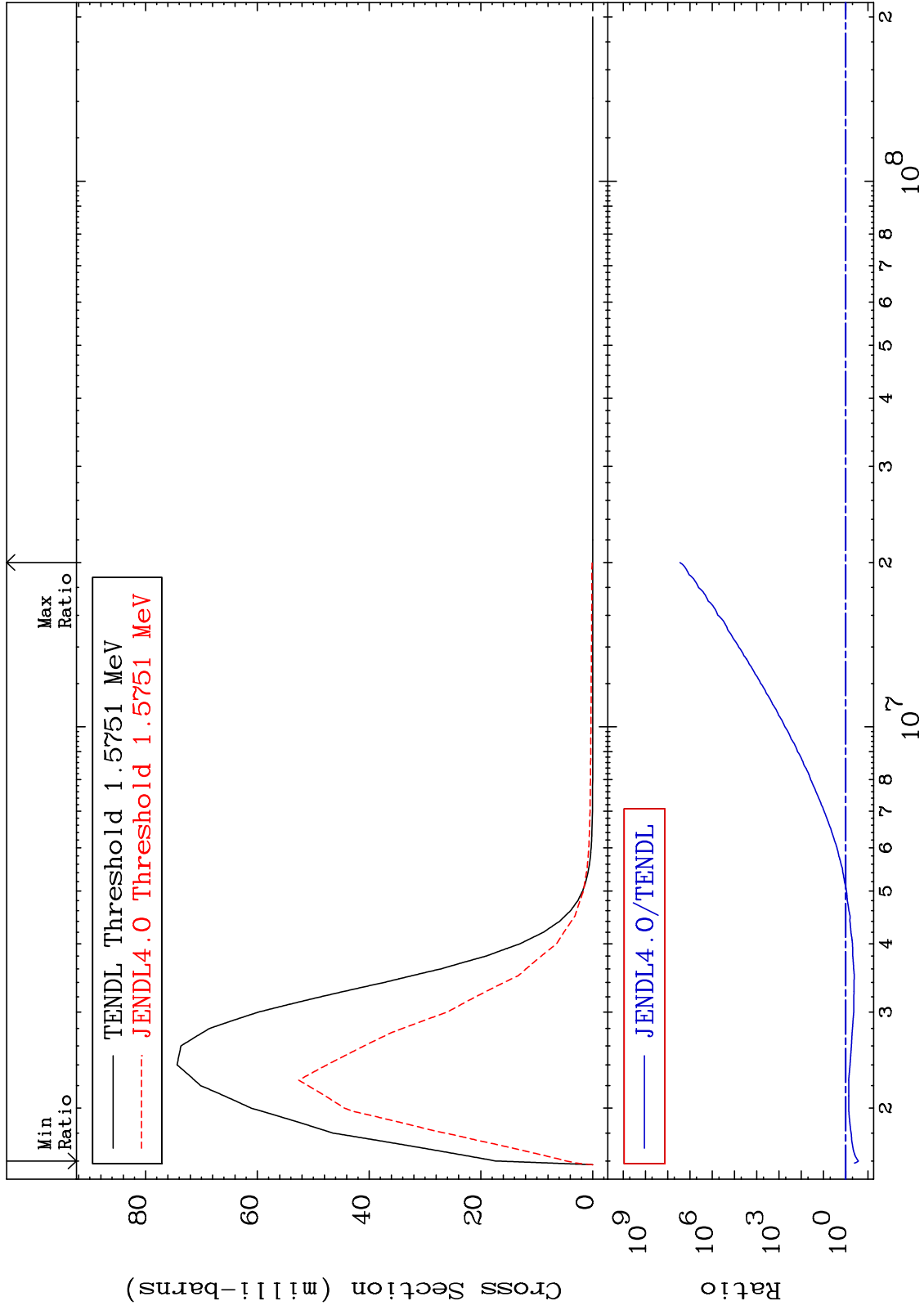
76-0s-188
-58.94 To 9999. %



MAT 7637

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

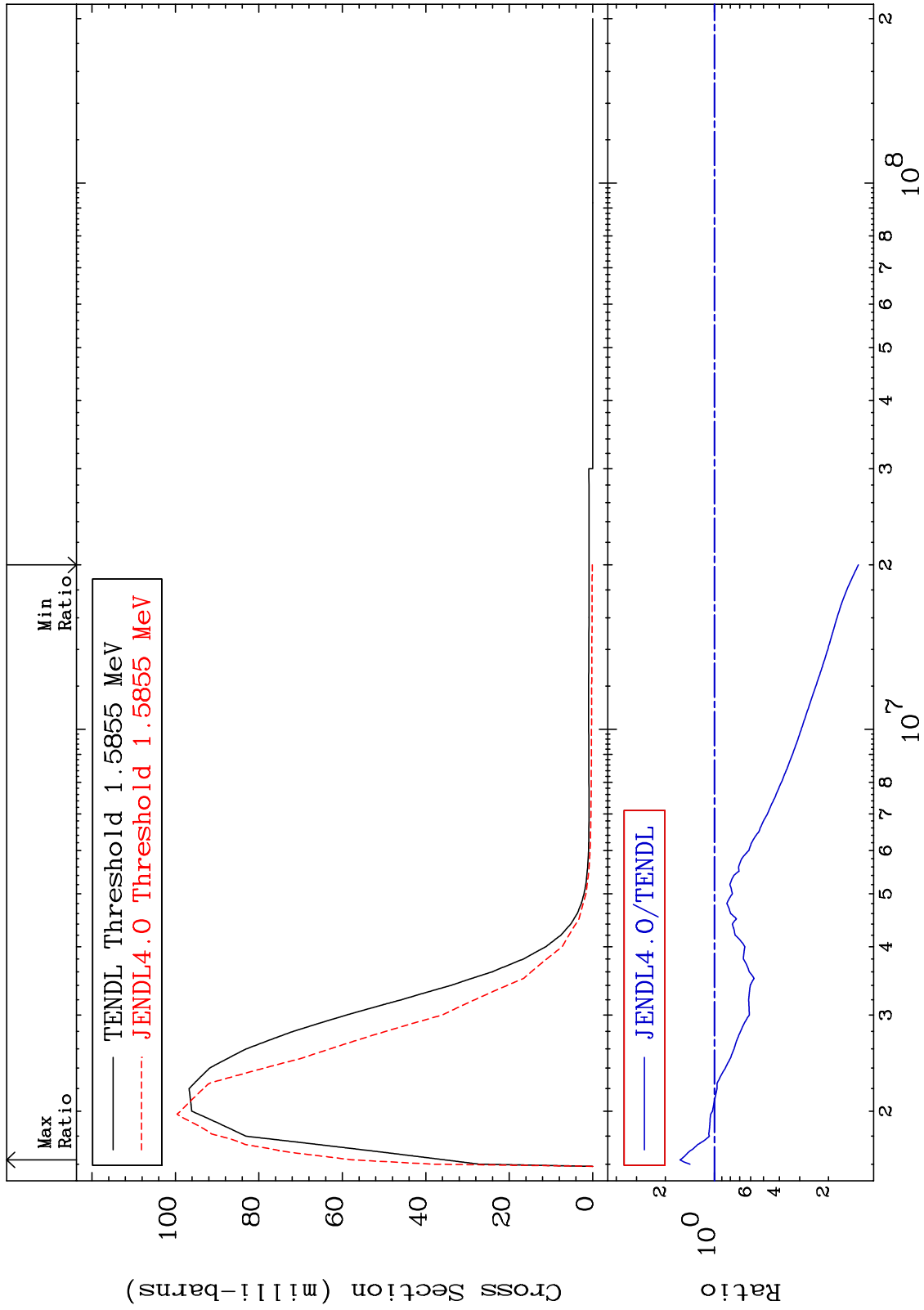
76-0s-188
-73.11 To 9999. %



MAT 7637

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

76-0s-188
-86.89 To 62.50 %



30

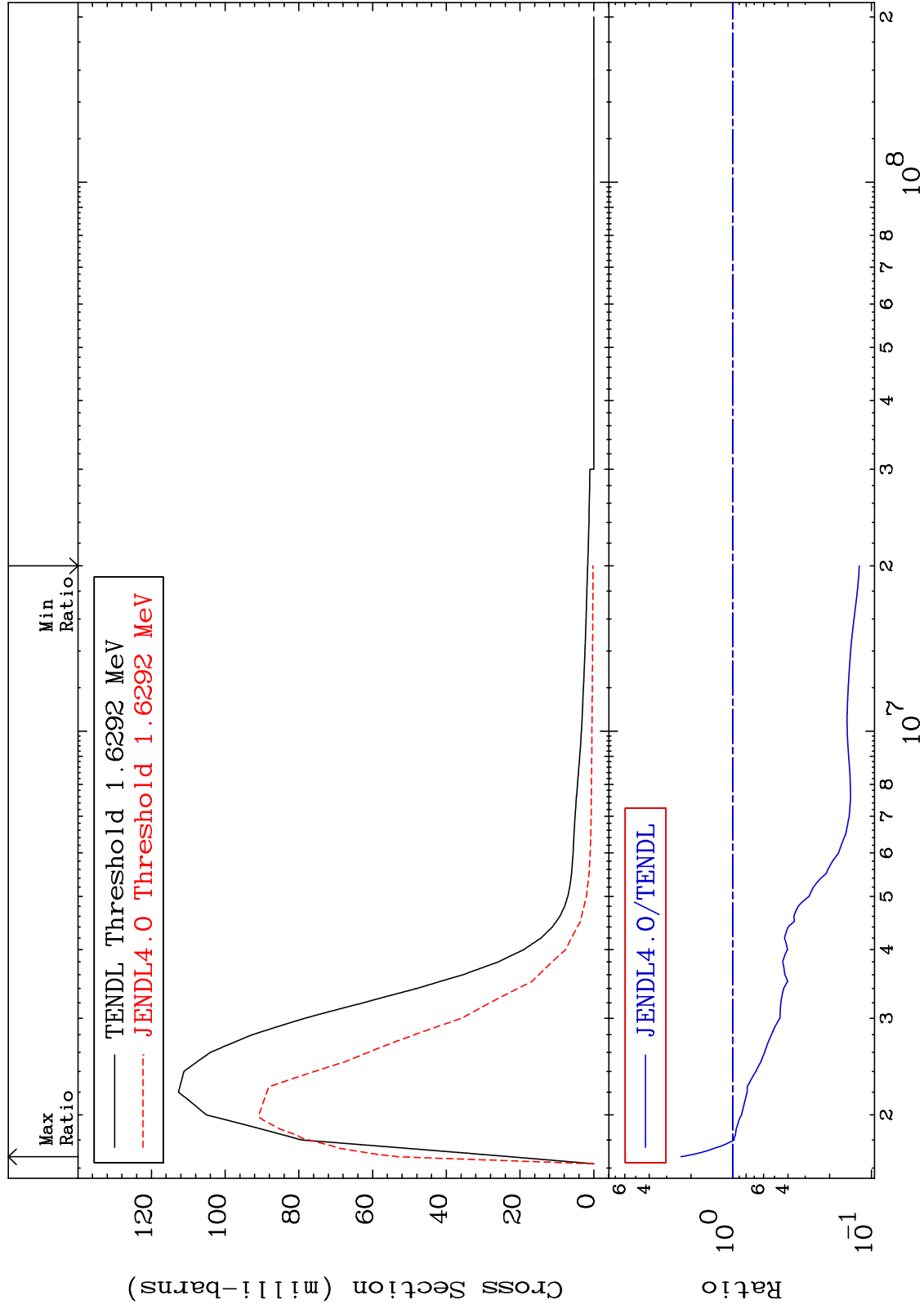
Incident Energy (eV)

76-0s-188

MAT 7637

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

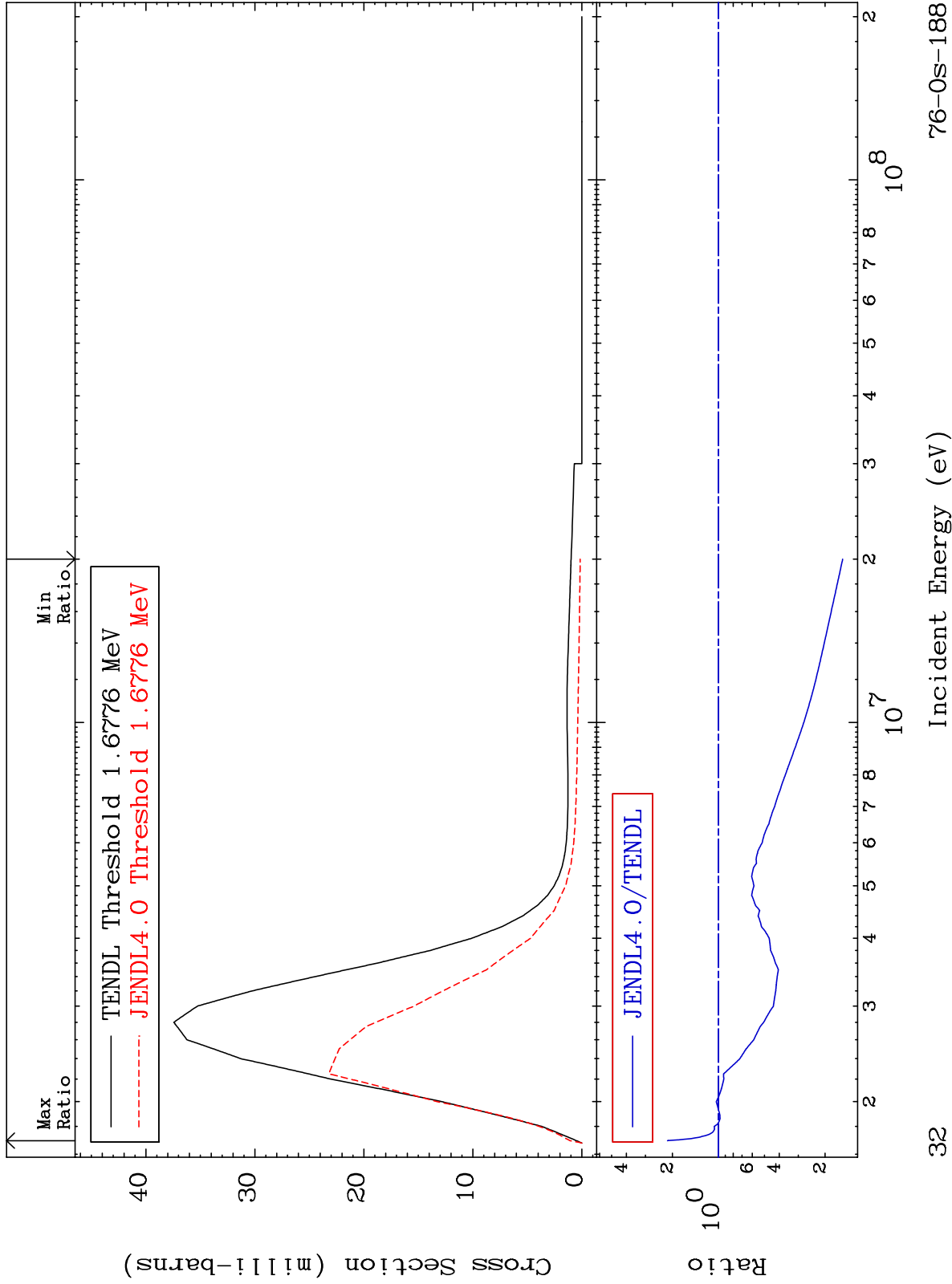
76-0s-188
-87.76 To 135.7 %



MAT 7637

MT= 72 (n,n') Level
Cross Section

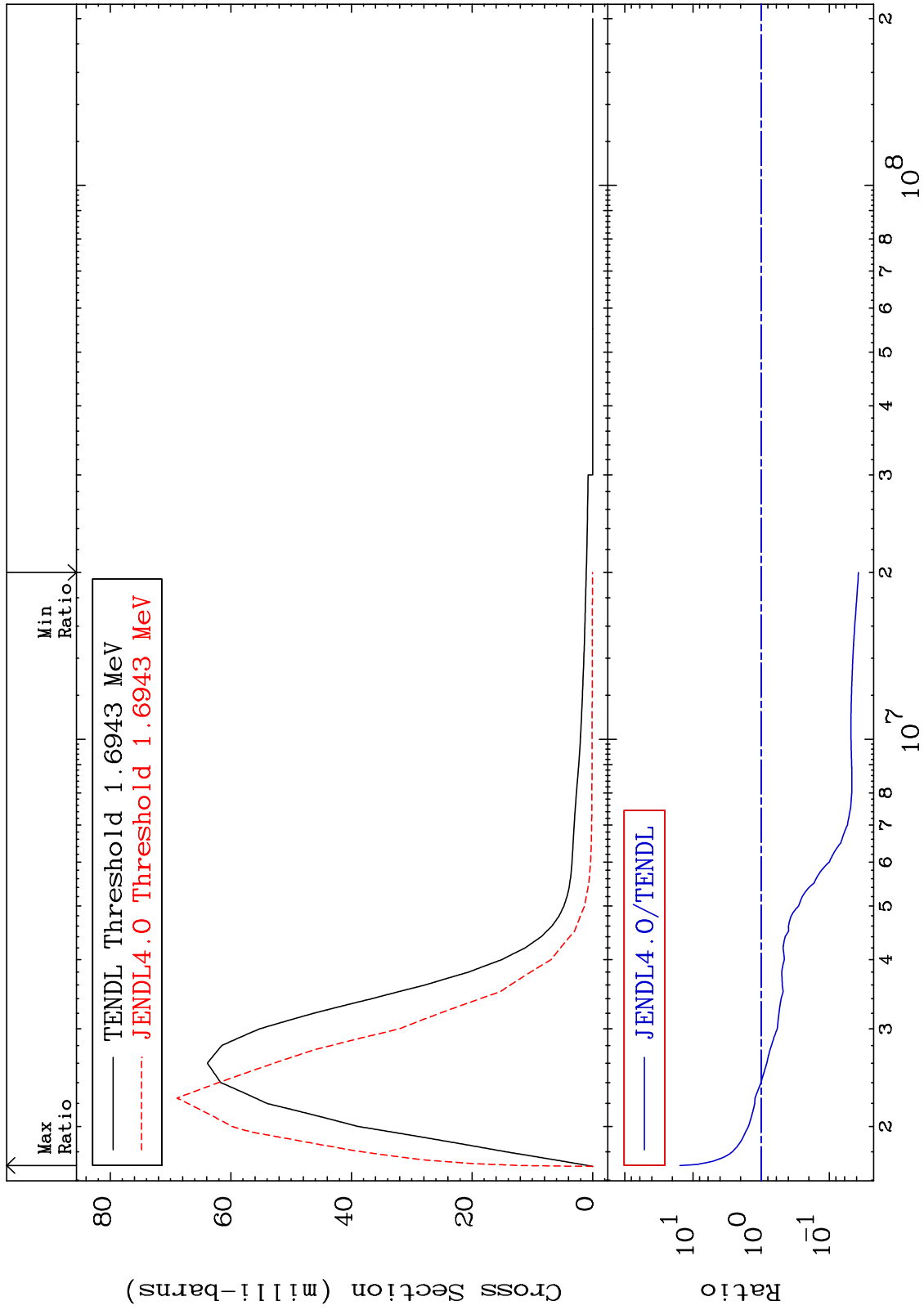
76-0s-188
-84.64 To 115.2 %



MAT 7637

MT= 73 (n,n') Level
Cross Section

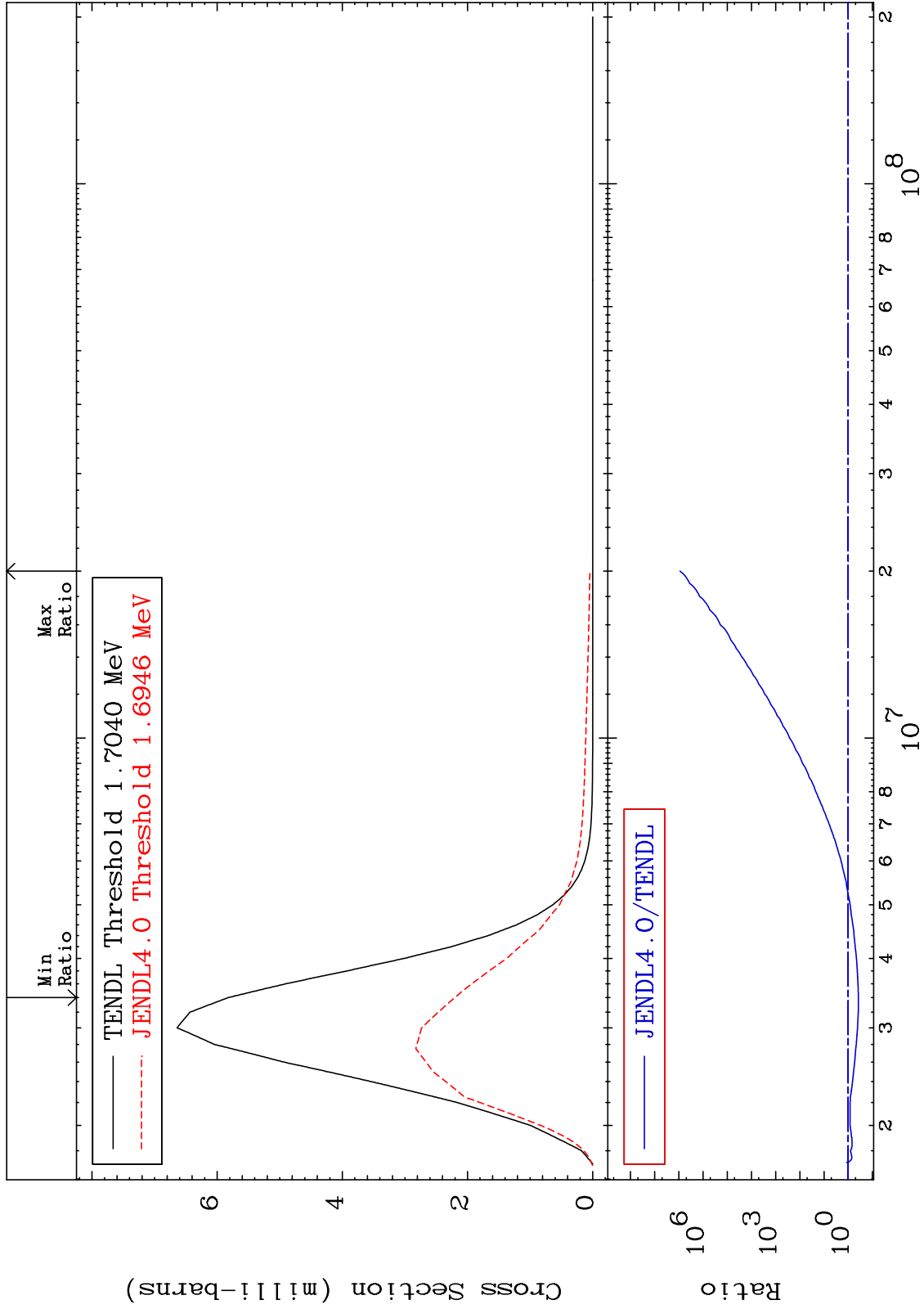
76-0s-188
-96.24 To 1447. %



MAT 7637

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

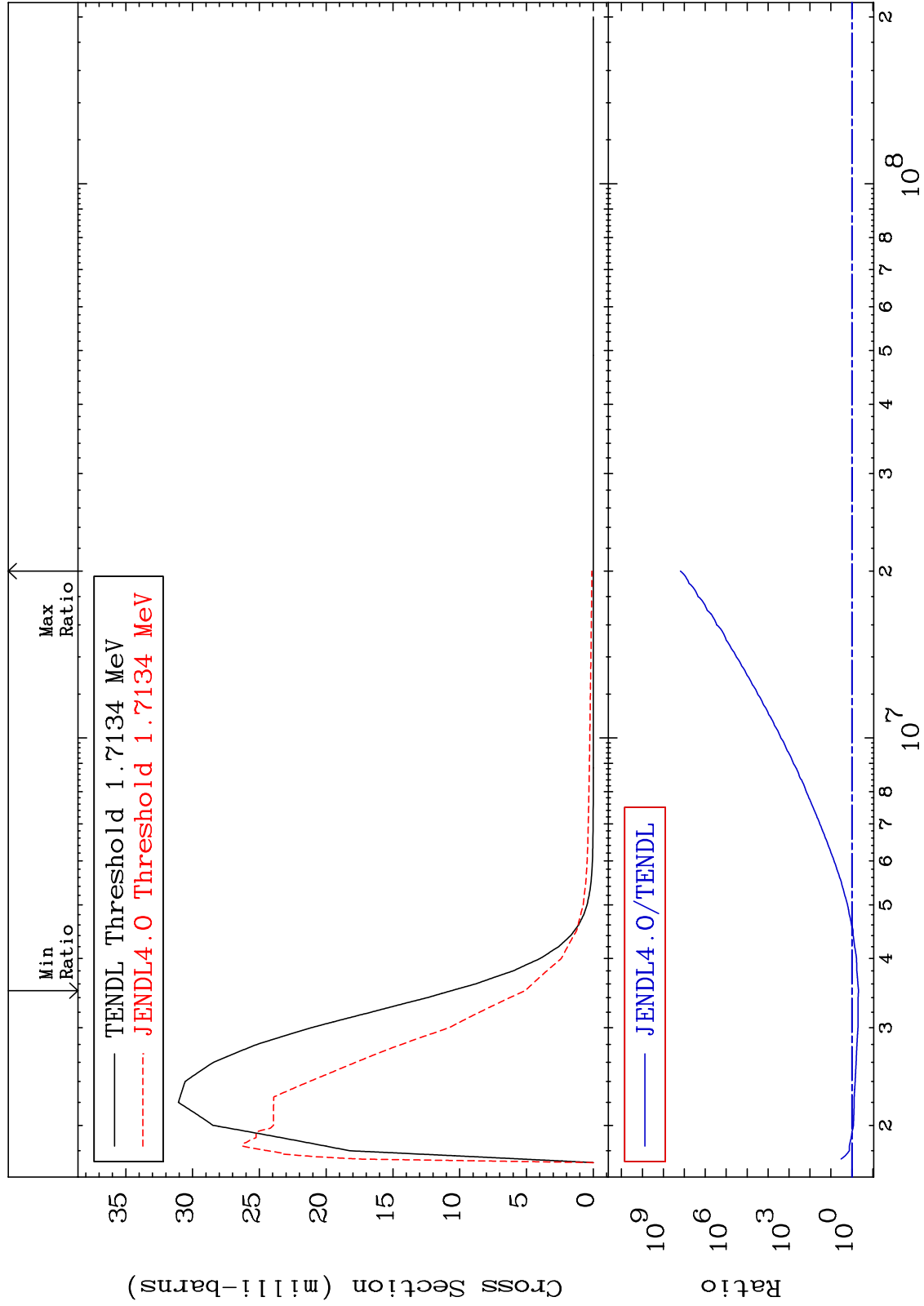
76-0s-188
-62.16 To 9999. %



MAT 7637

MT= 75 (n,n') Level
Cross Section

76-0s-188
-51.95 To 9999. %



35

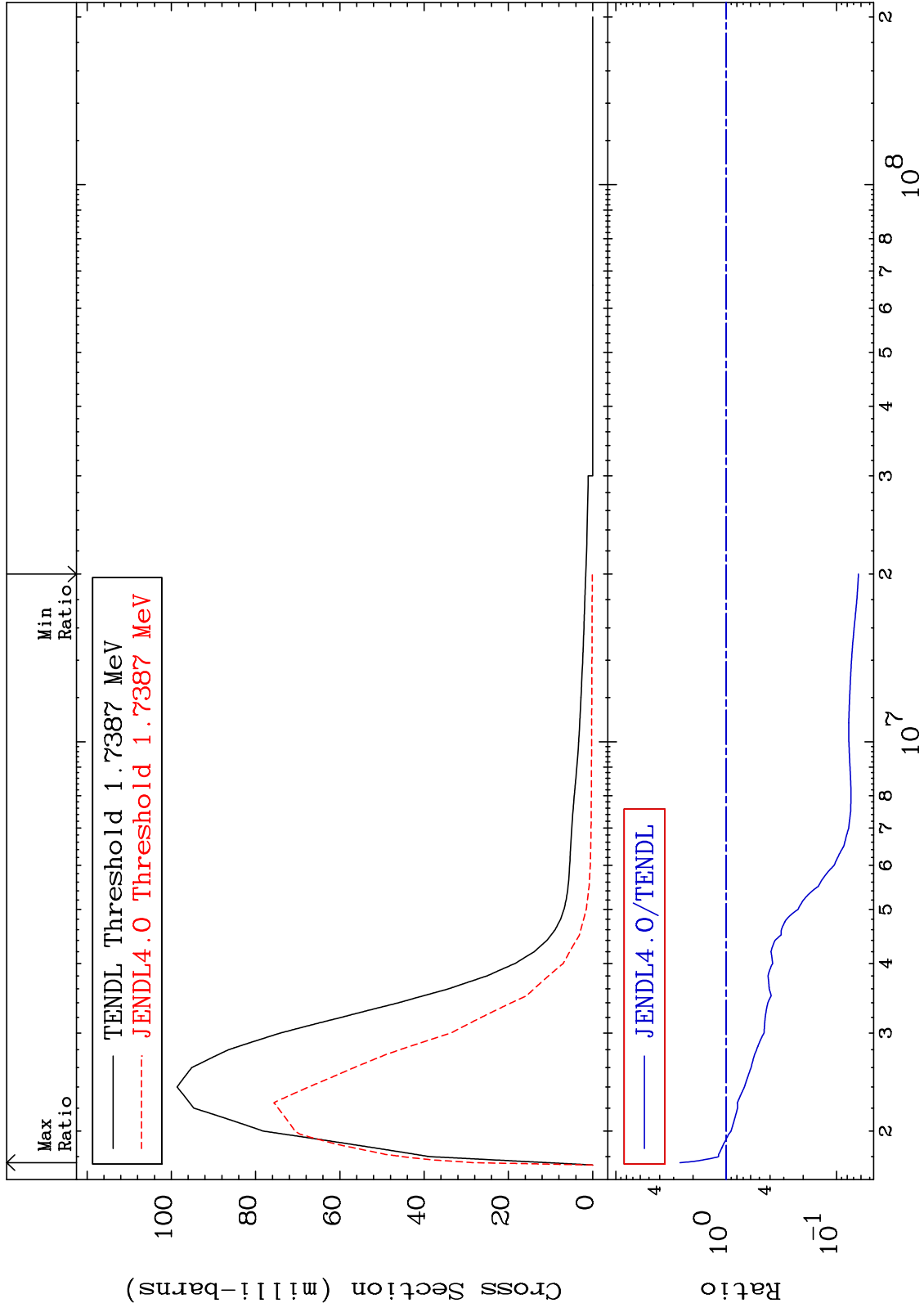
Incident Energy (eV)

76-0s-188

MAT 7637

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

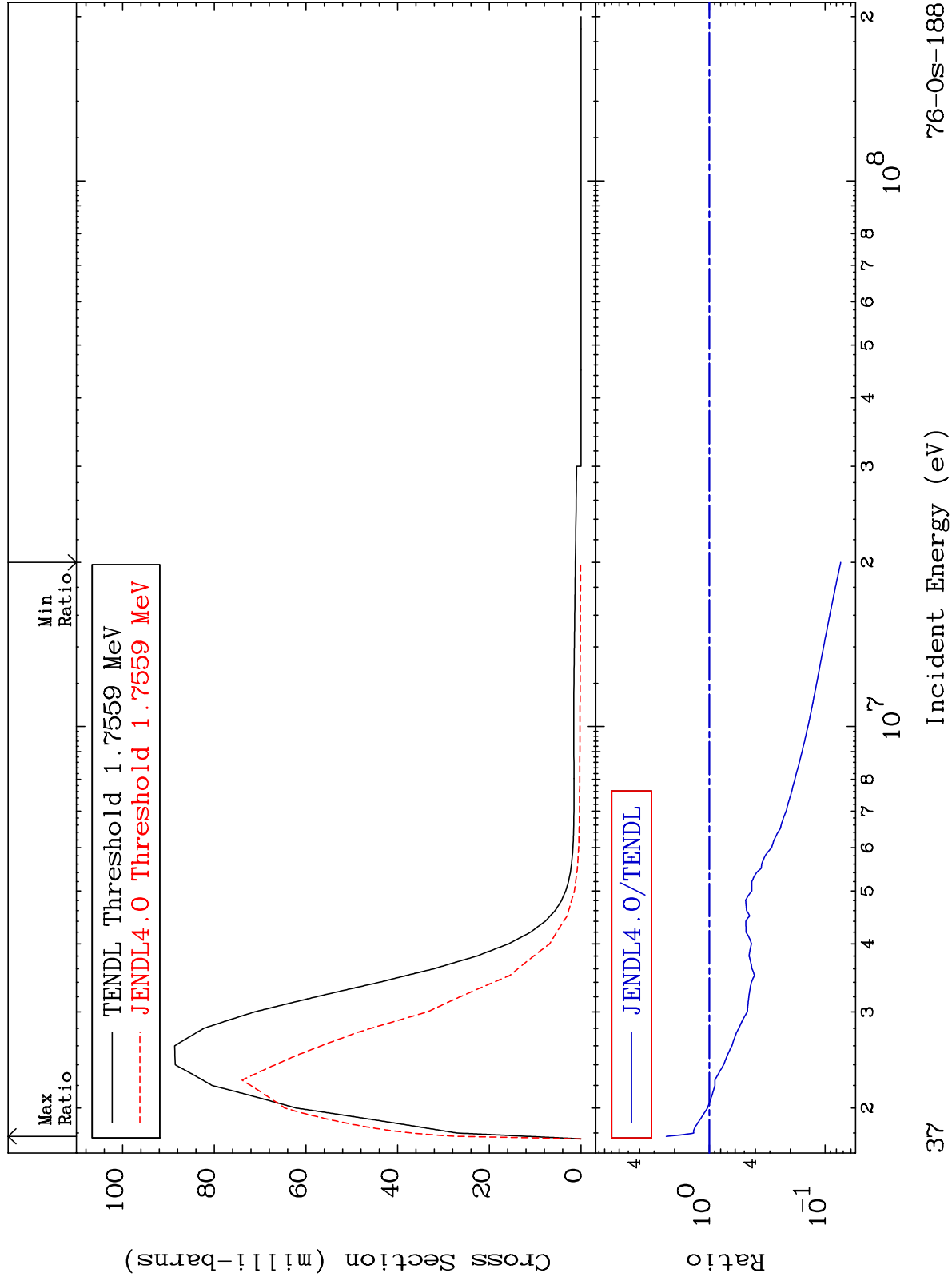
76-0s-188
-93.67 To 162.0 %



MAT 7637

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

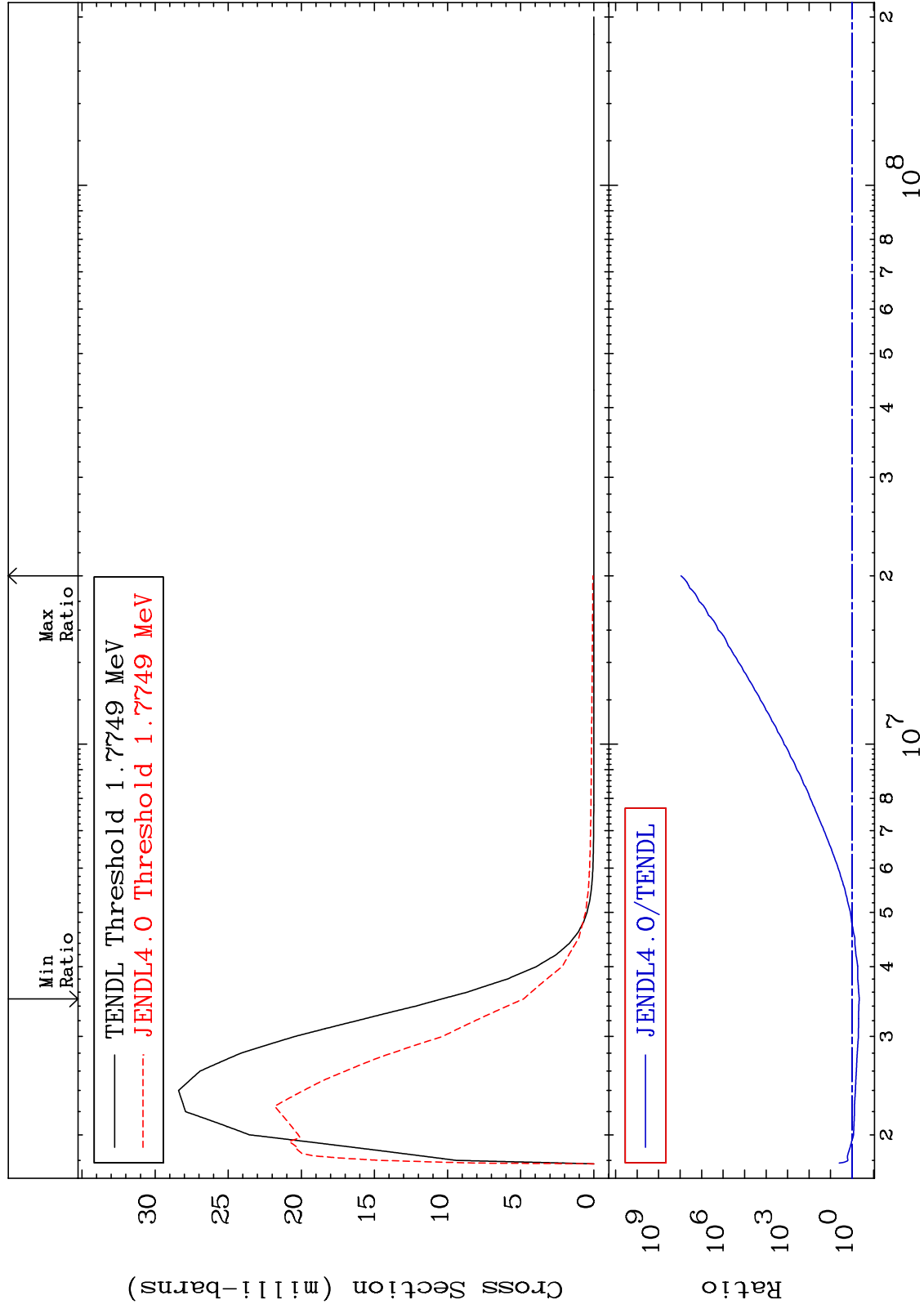
76-0s-188
-92.65 To 135.2 %



MAT 7637

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

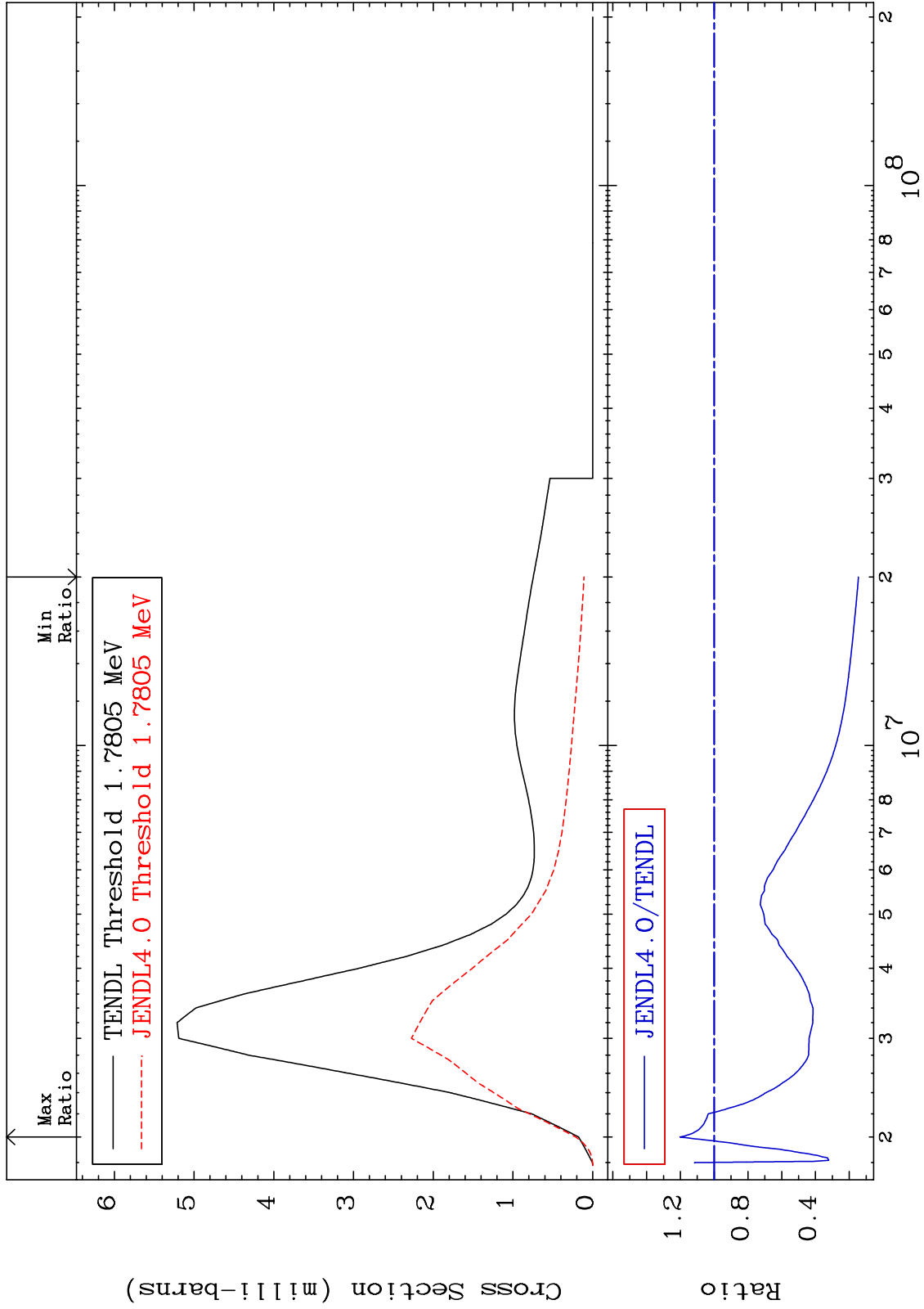
76-0s-188
-53.80 To 9999. %



MAT 7637

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

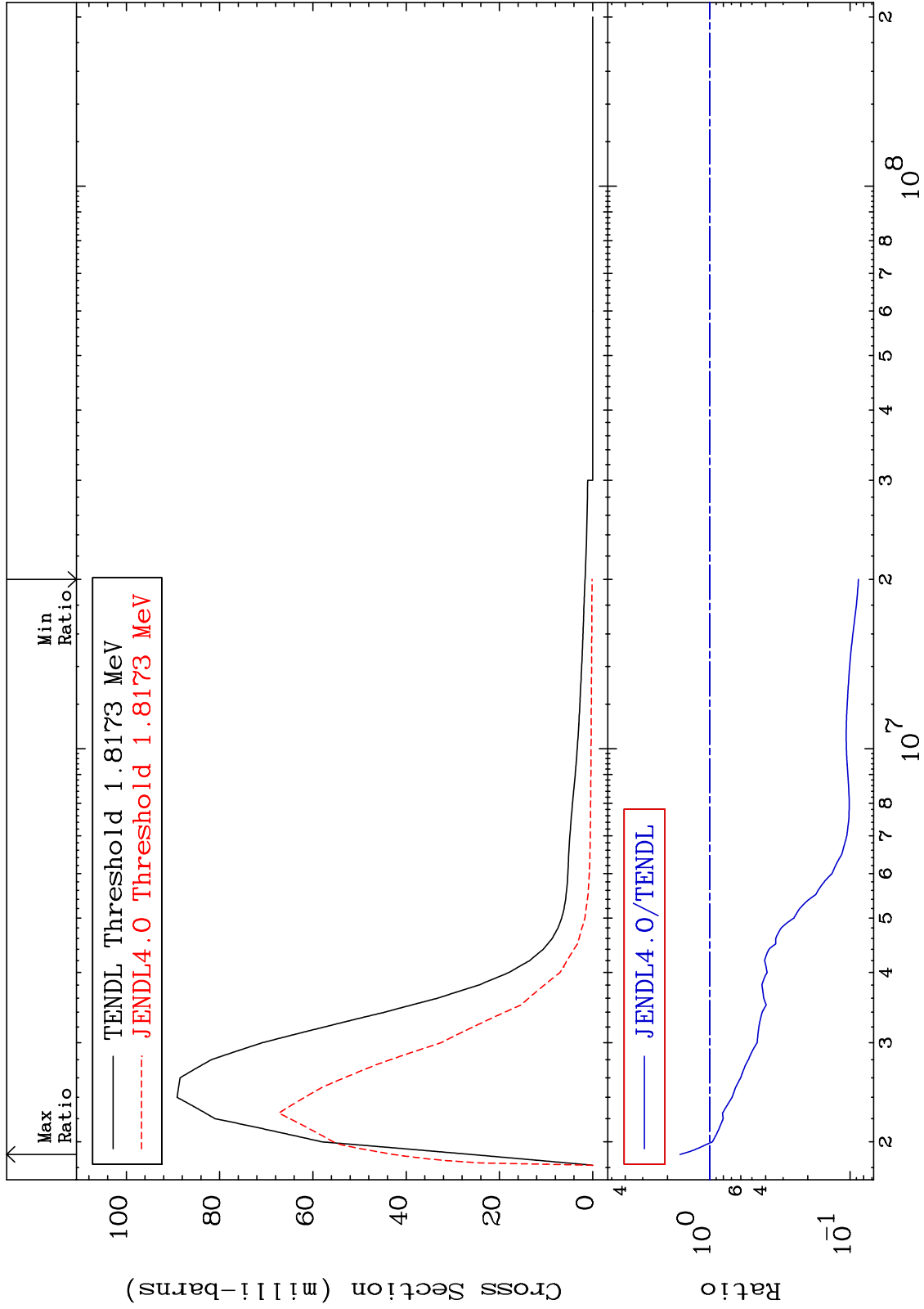
76-0s-188
-85.41 To 20.23 %



MAT 7637

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

76-0s-188
-91.28 To 62.78 %



40

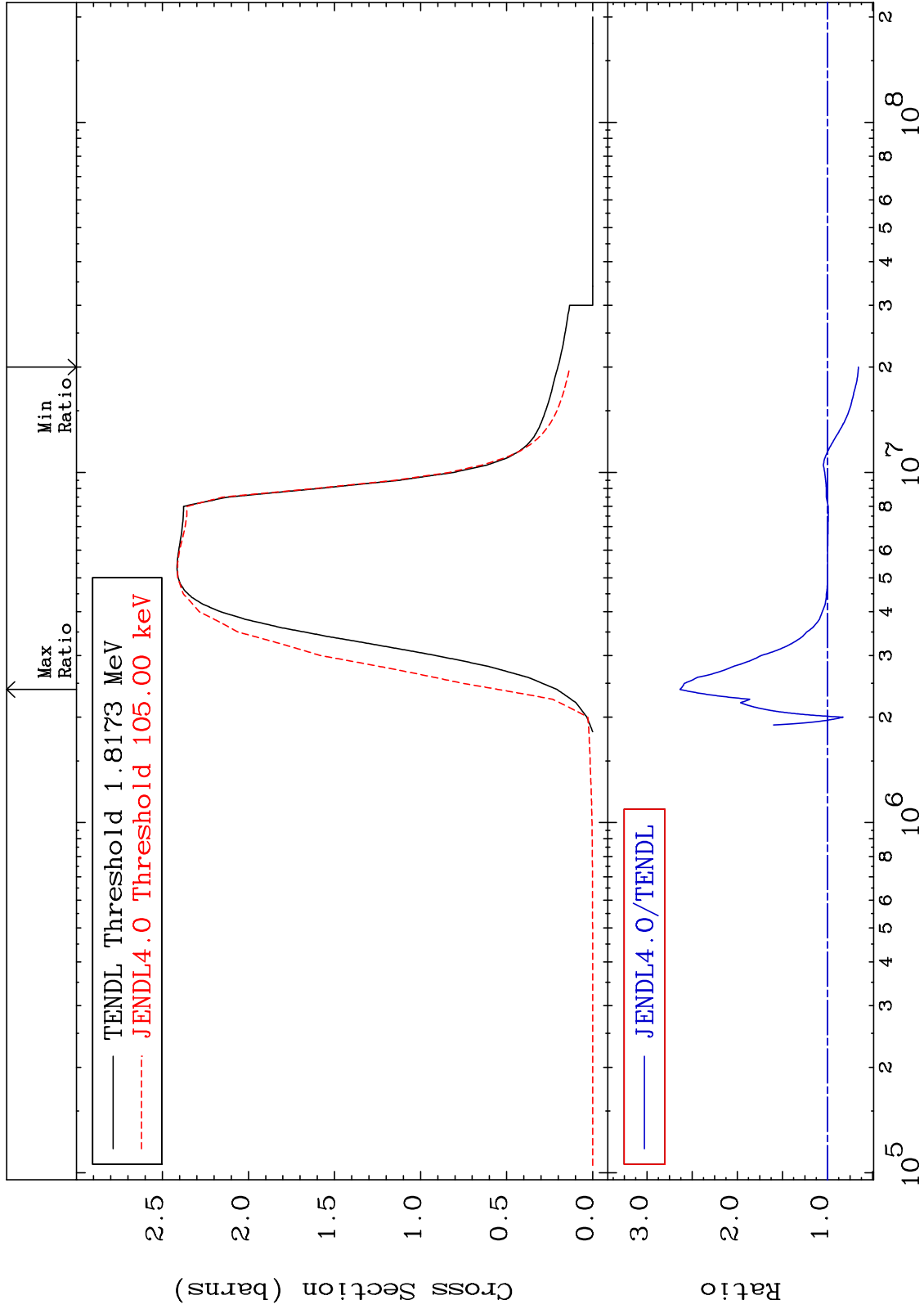
Incident Energy (eV)

76-0s-188

MAT 7637

(n, n') Continuum
Cross Section

76-Os-188
-34.28 To 163.4 %



41

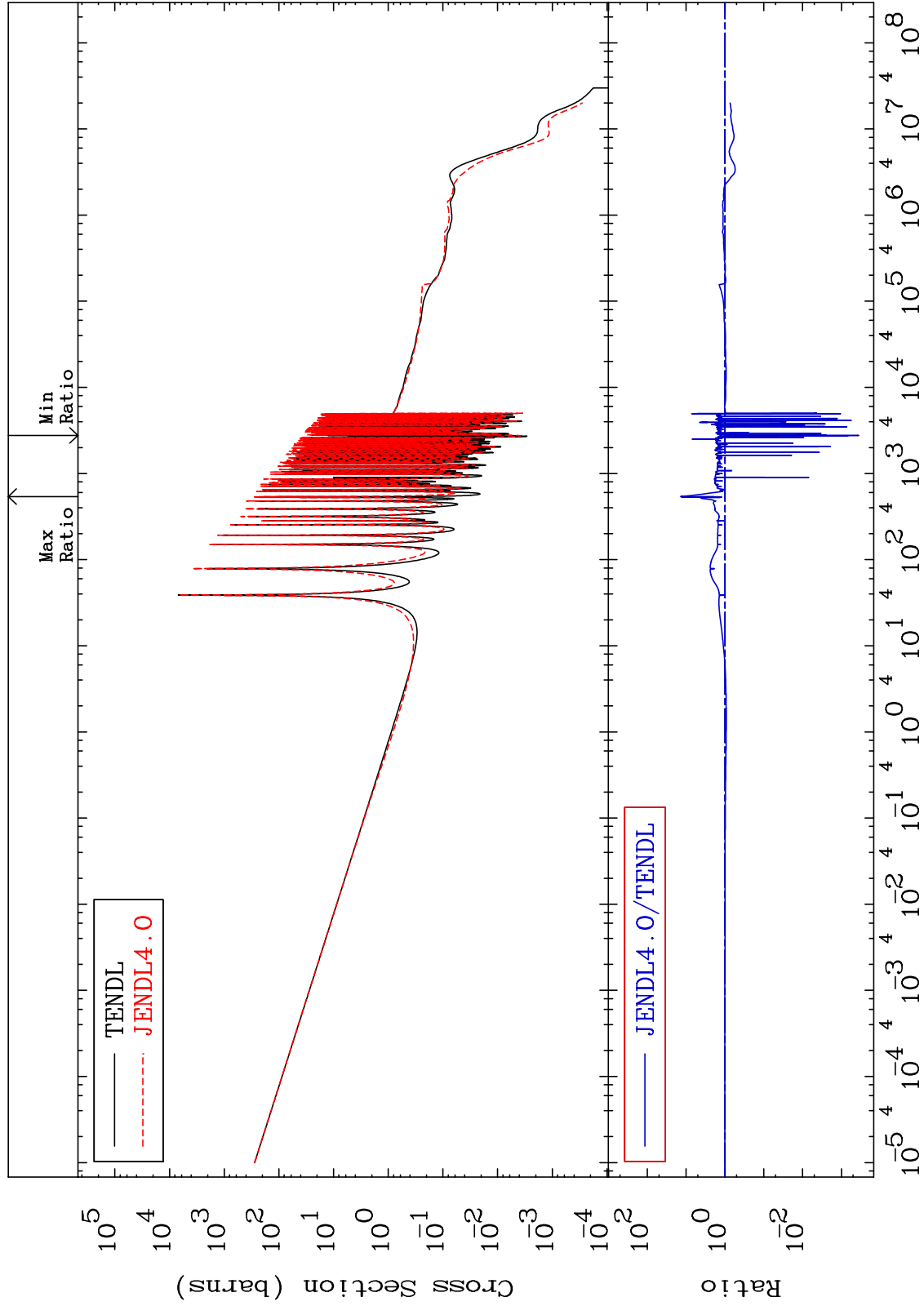
Incident Energy (eV)

76-Os-188

MAT 7637

(n, γ)
Cross Section

76-0s-188
-99.96 To 1300. %



42

Incident Energy (eV)

76-0s-188

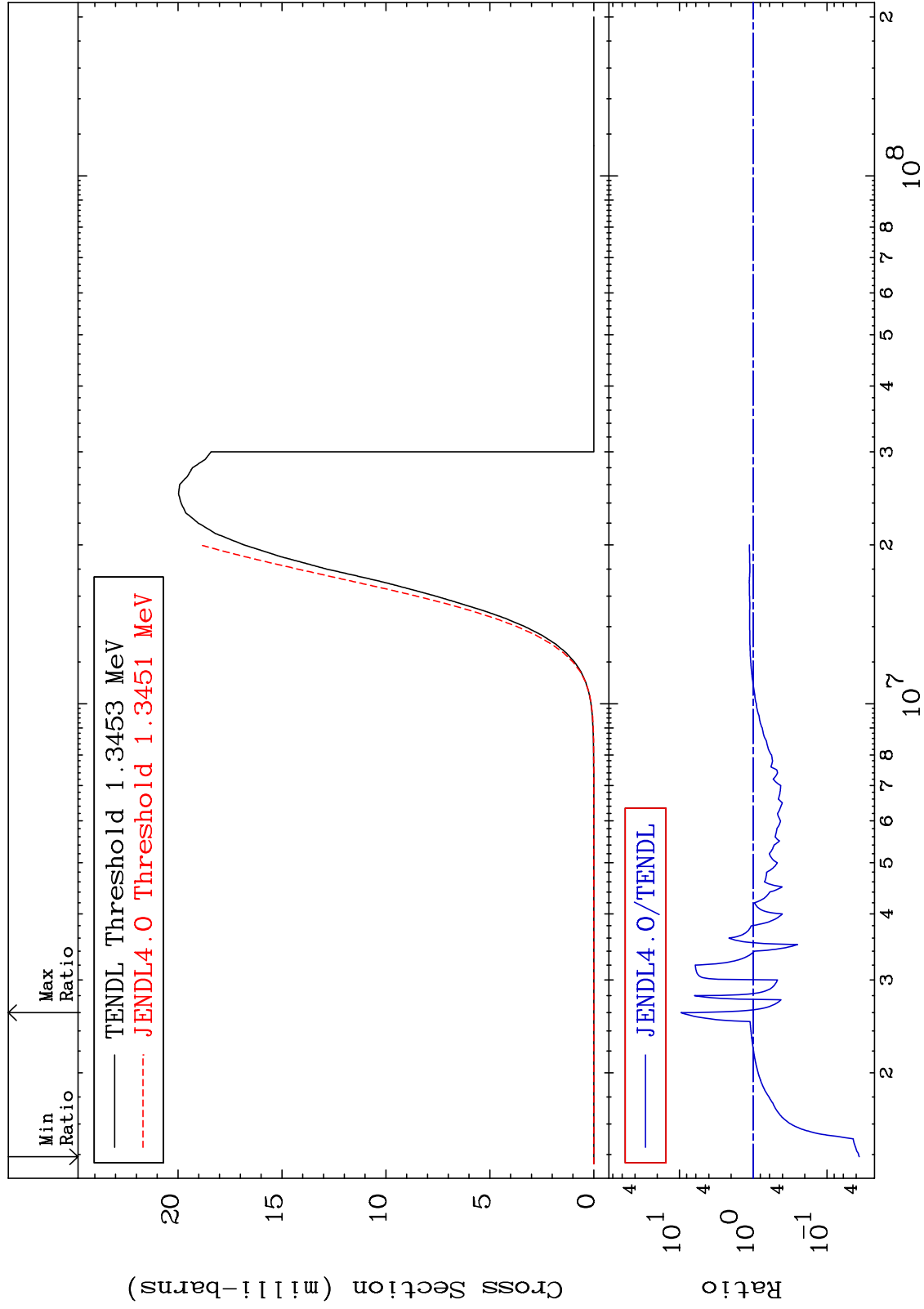
MAT 7637

(n,p)

76-0s-188

Cross Section

-96.36 To 851.7 %



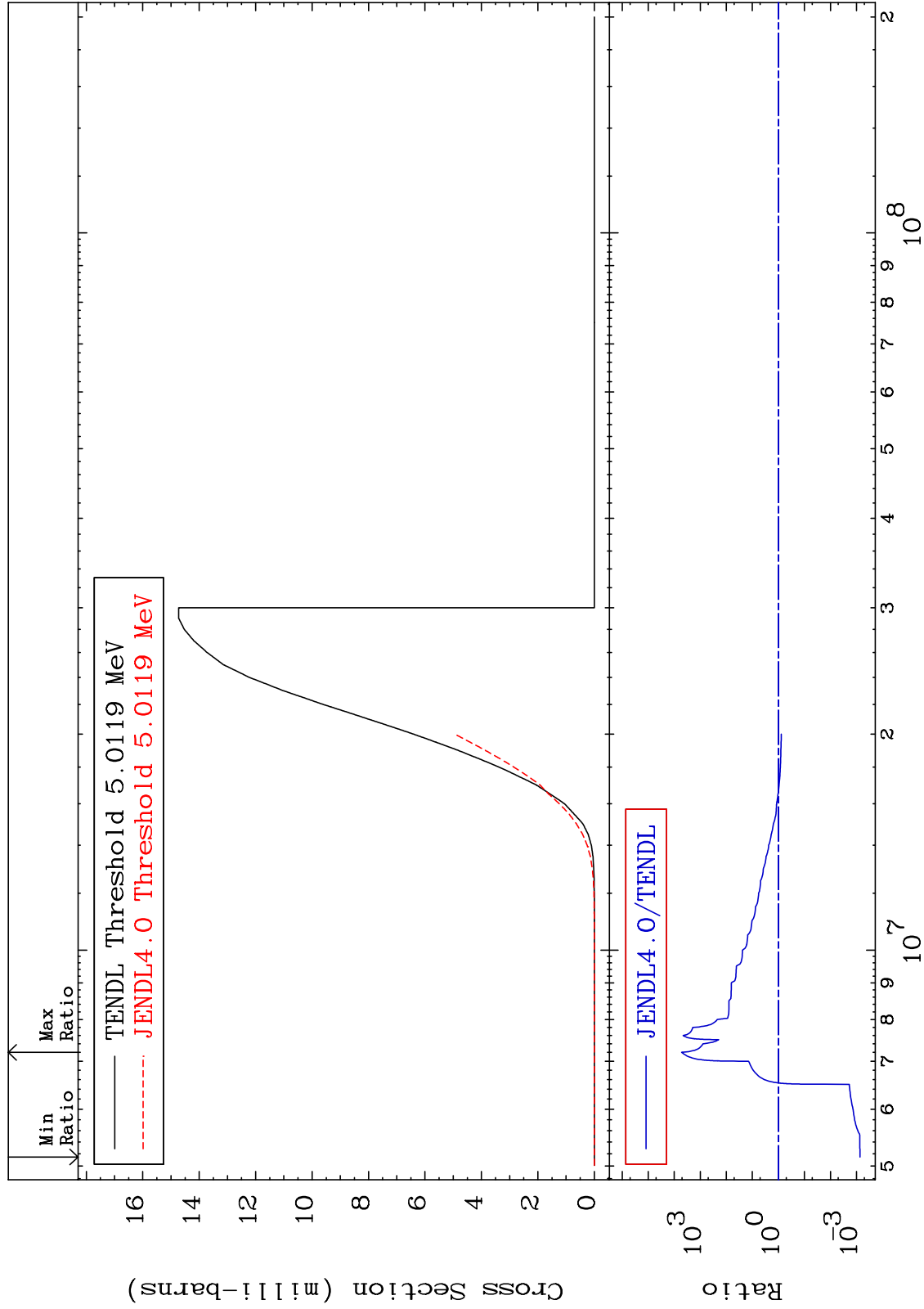
MAT 7637

(n, d)

76-0s-188

Cross Section

-99.93 To 9999. %



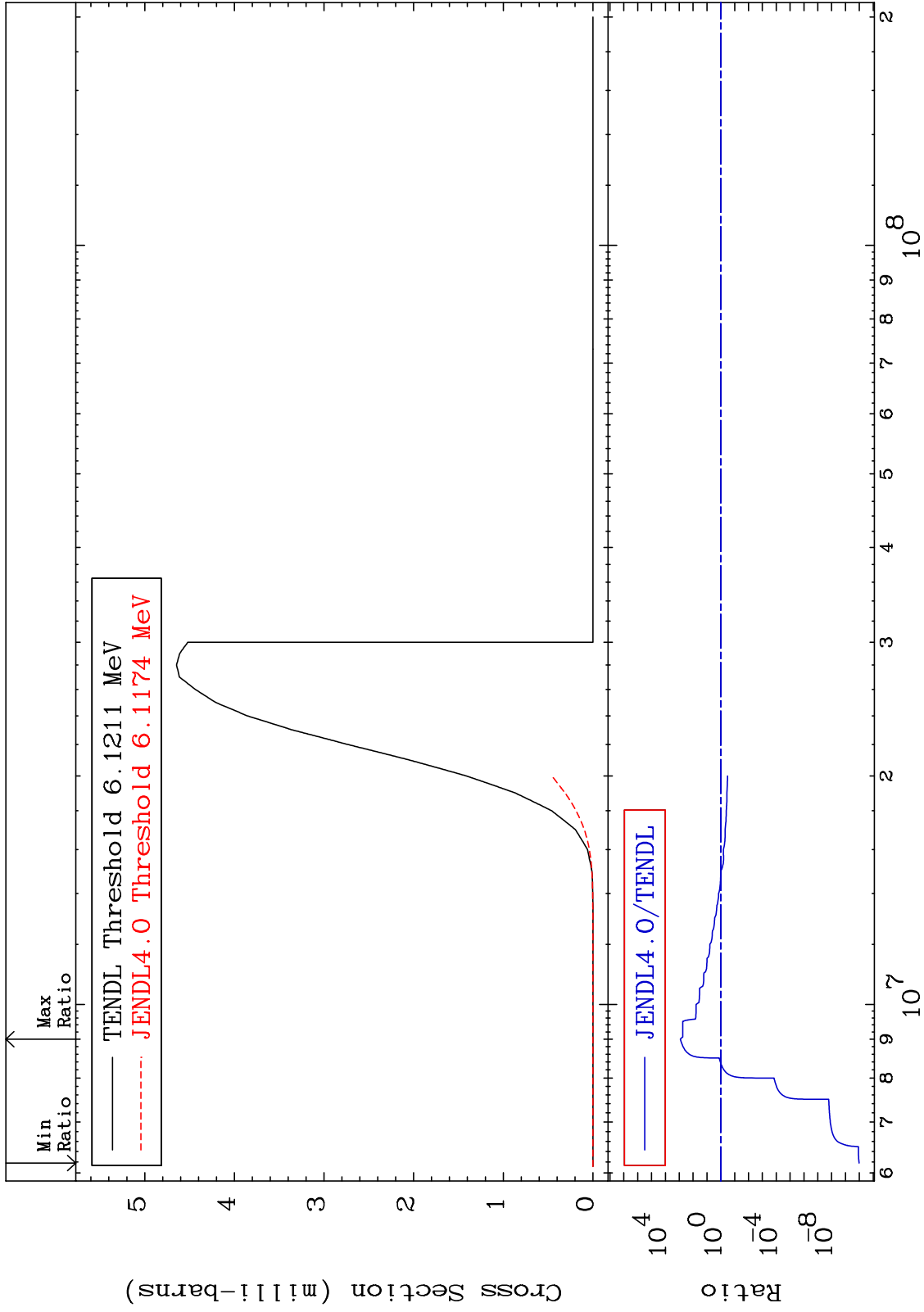
MAT 7637

(n, t)

76-0s-188

Cross Section

-100.0 To 9999. %



45

76-0s-188

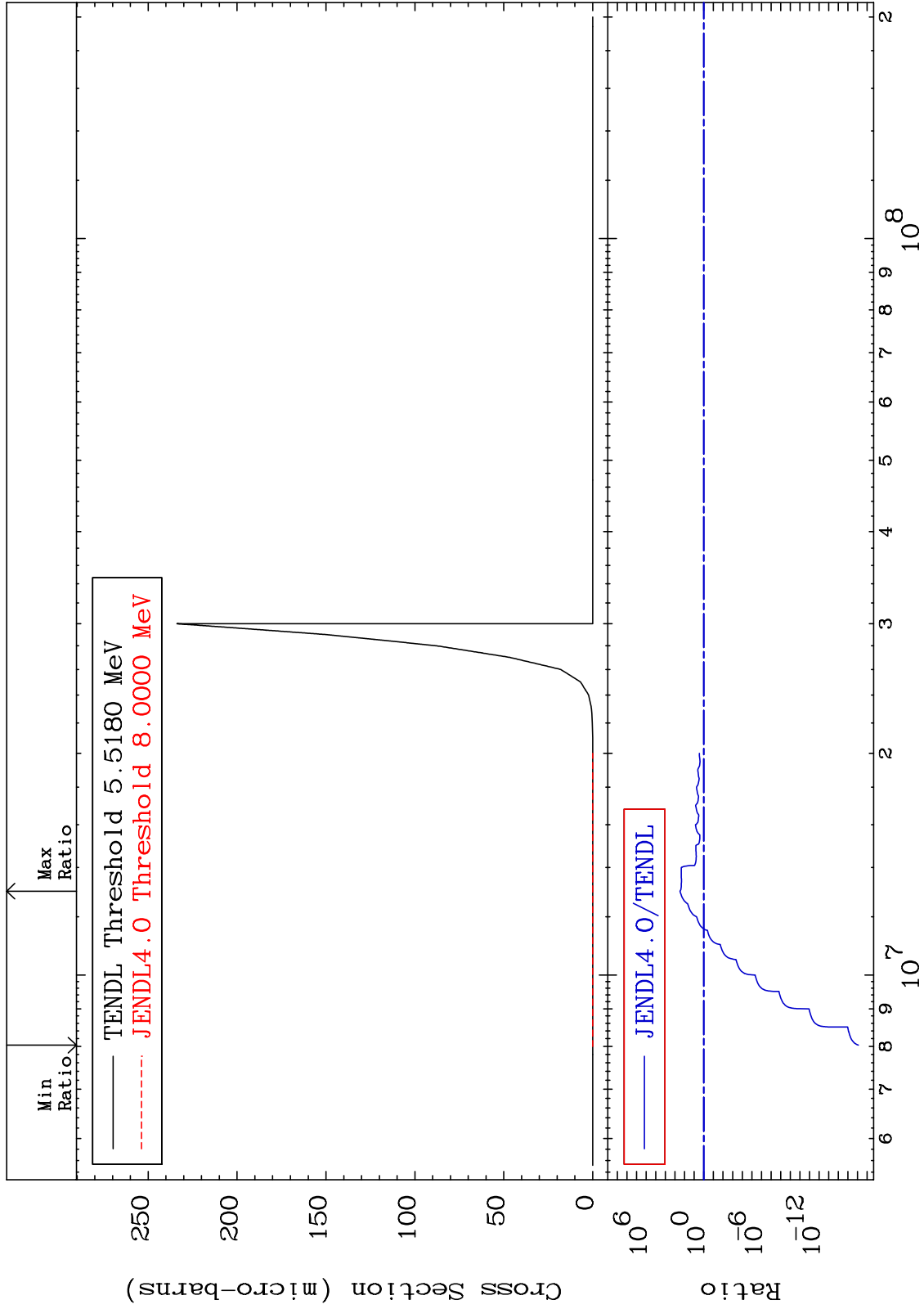
MAT 7637

(n, He-3)

76-0s-188

Cross Section

-100.0 To 9999. %



46

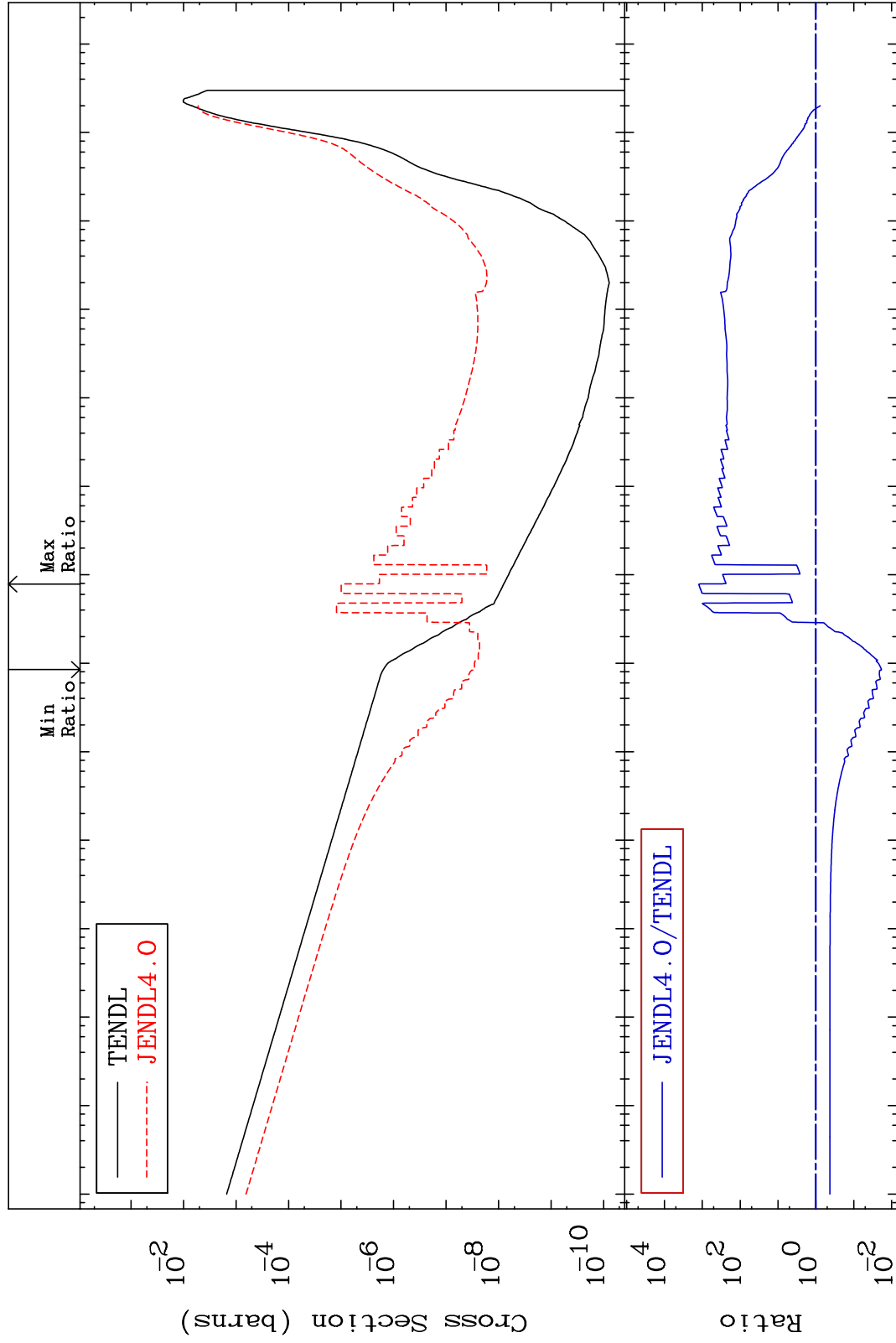
Incident Energy (eV)

76-0s-188

MAT 7637

(n, α)
Cross Section

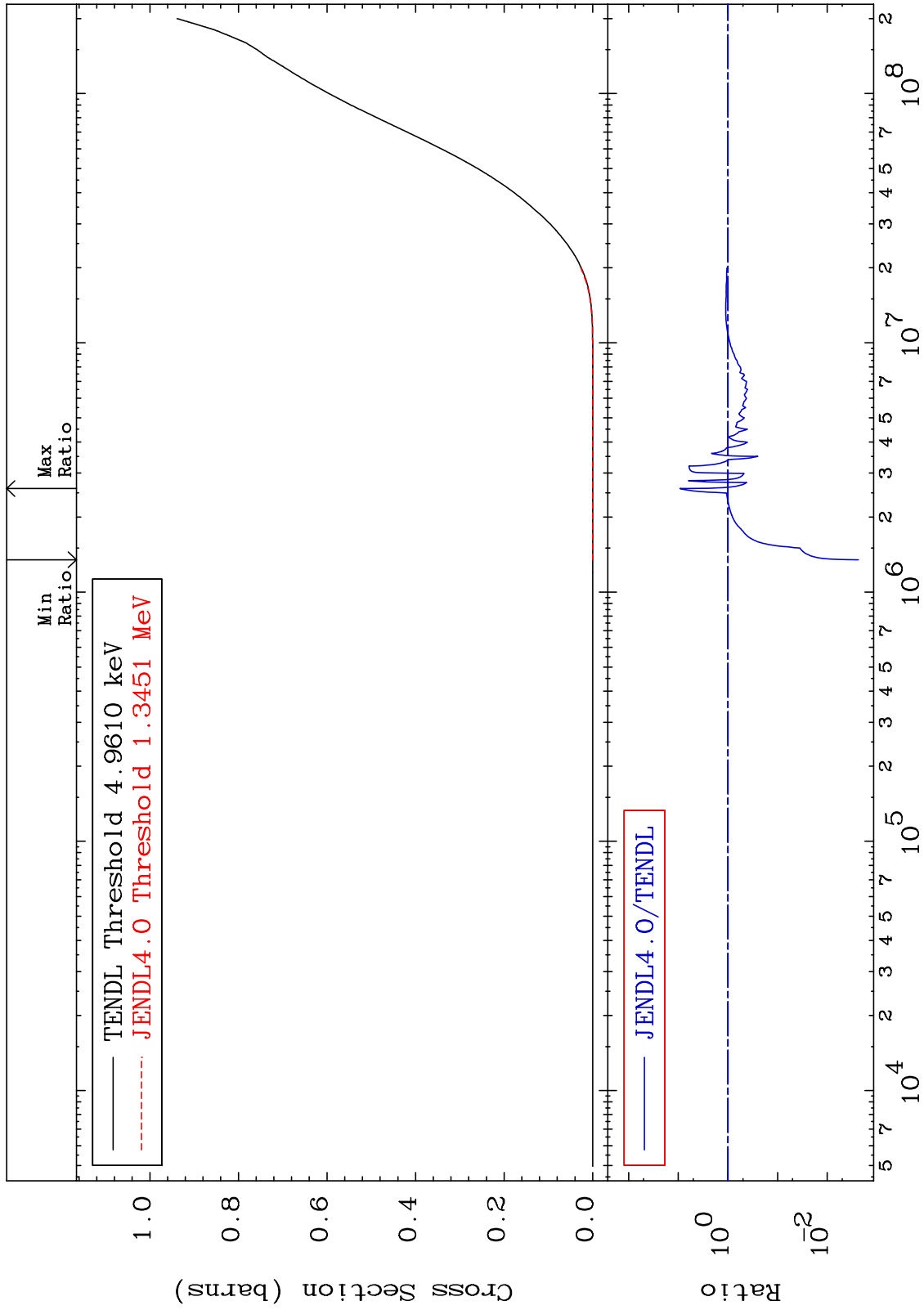
76-0s-188
-98.16 To 9999. %



MAT 7637

Hydrogen Production
Cross Section

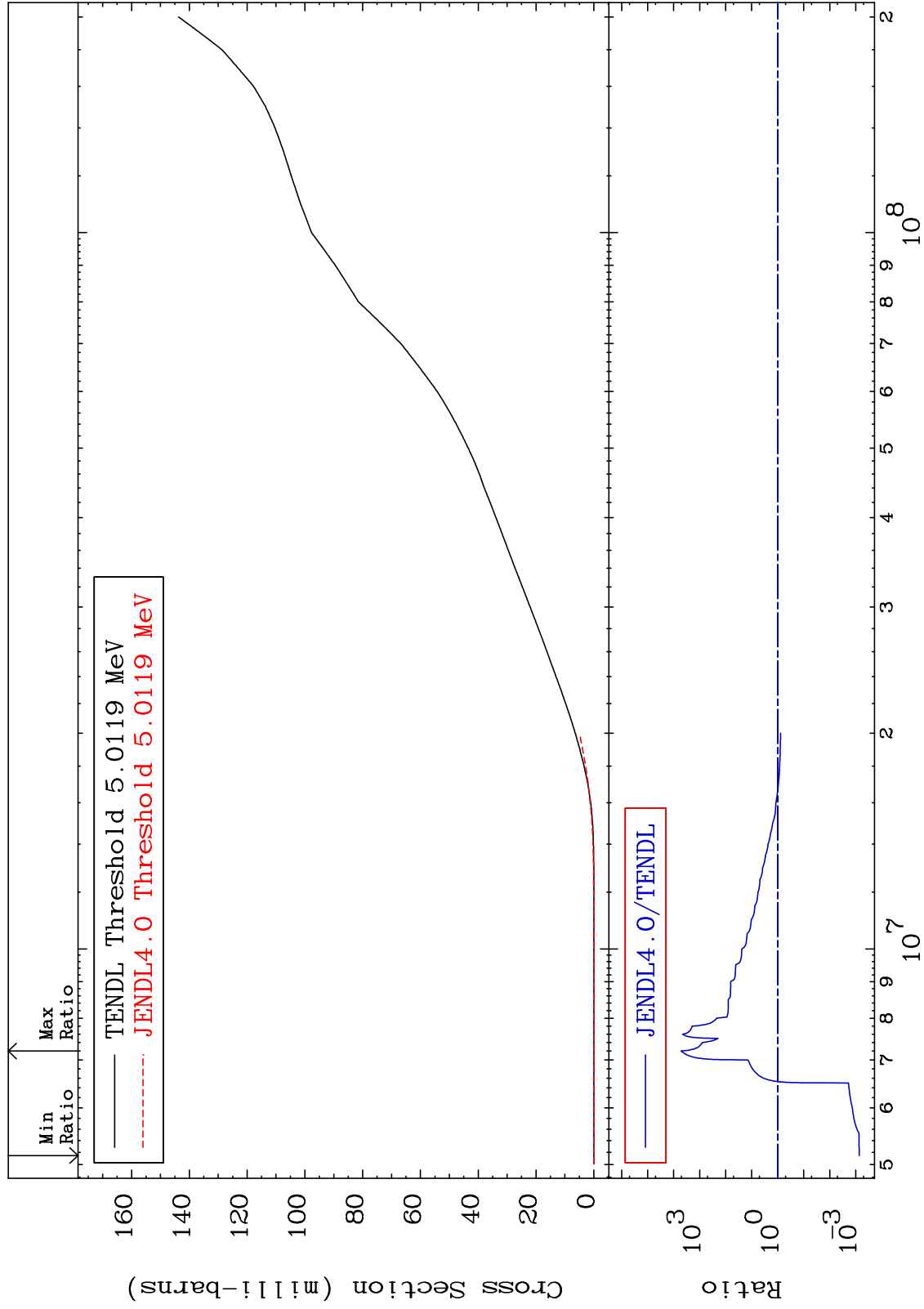
76-0s-188
-99.76 To 823.7 %



MAT 7637

Deuterium Production
Cross Section

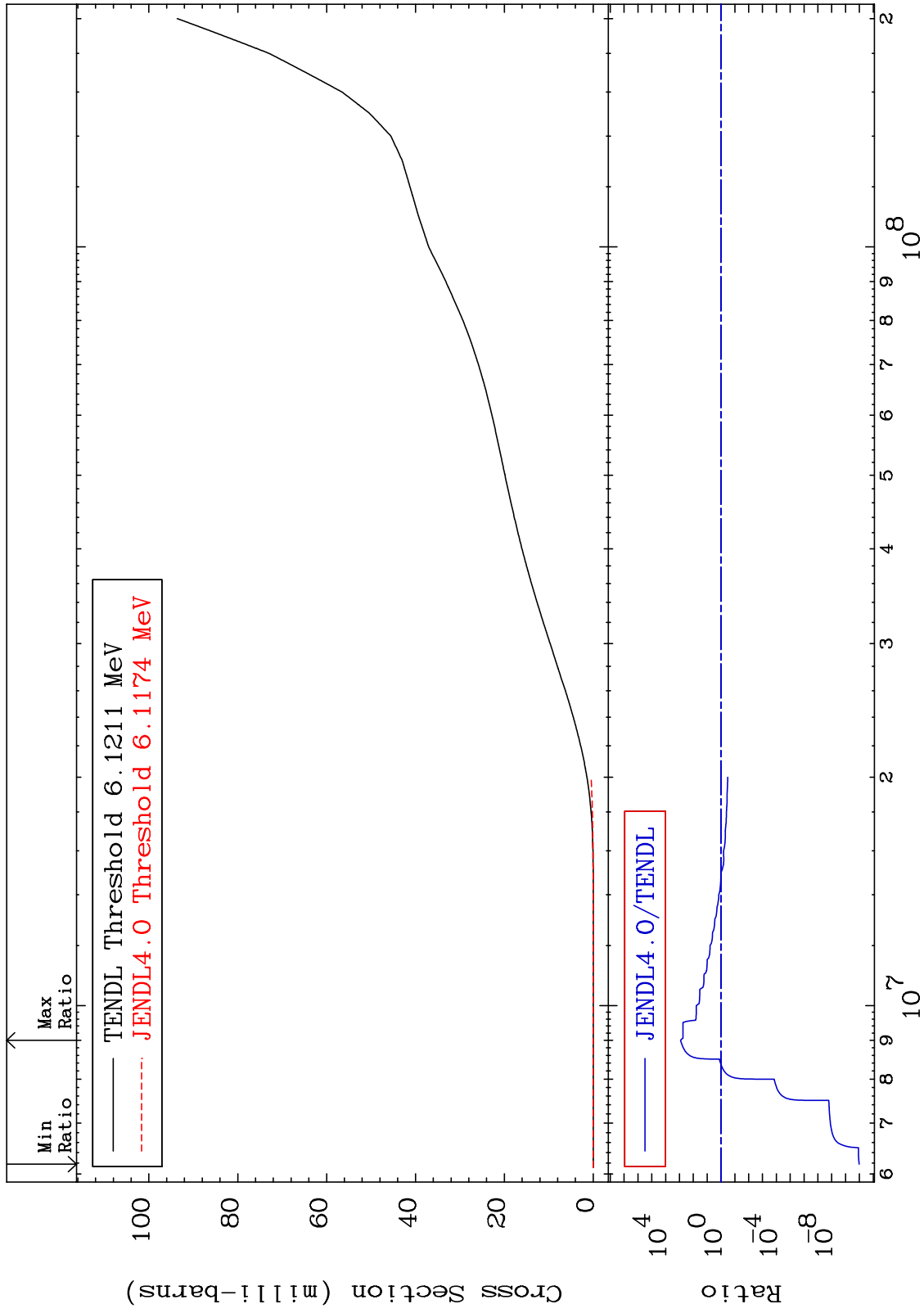
76-0s-188
-99.93 To 9999. %



MAT 7637

Tritium Production
Cross Section

76-Os-188
-100.0 To 9999. %



50

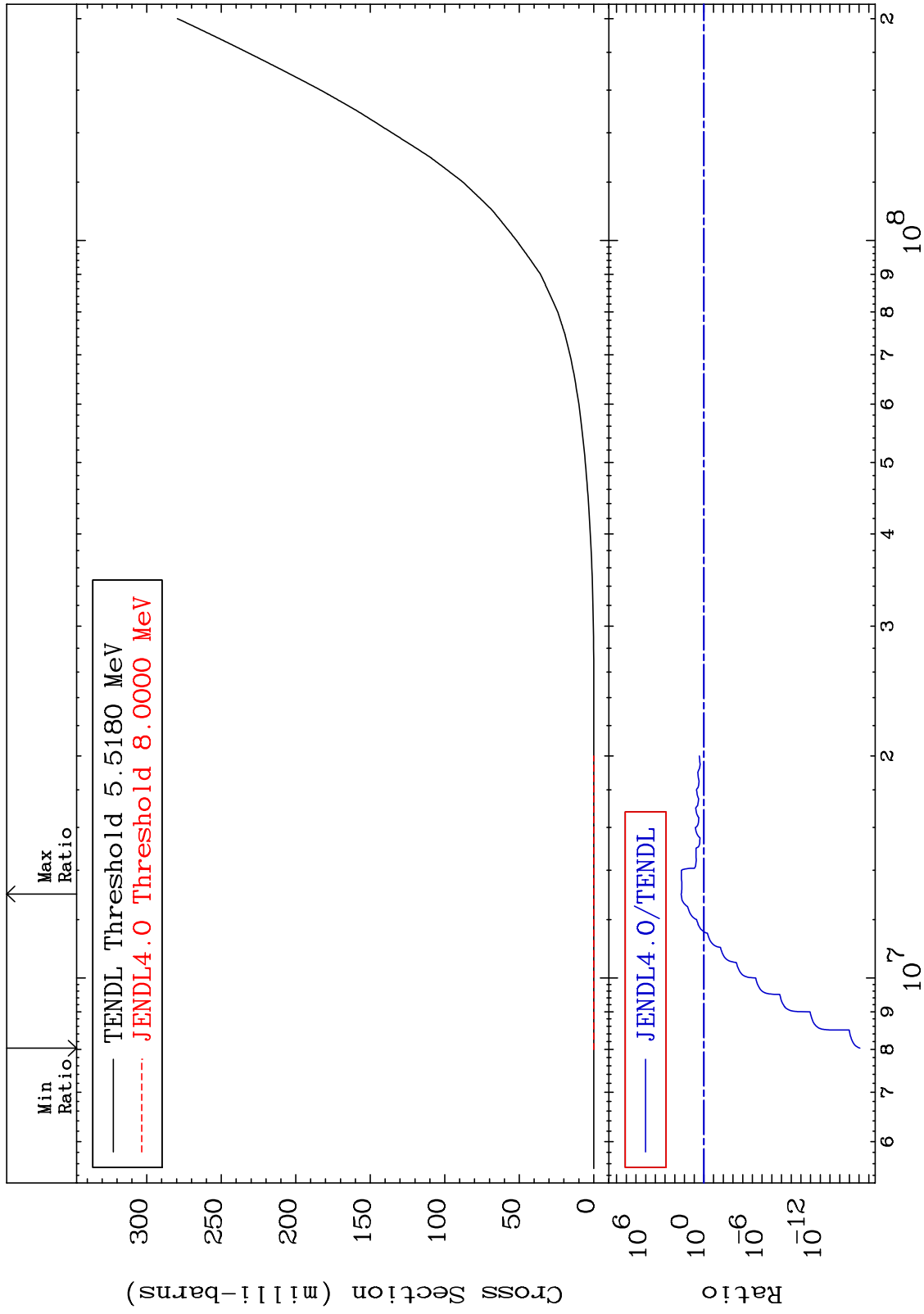
Incident Energy (eV)

76-Os-188

MAT 7637

He-3 Production
Cross Section

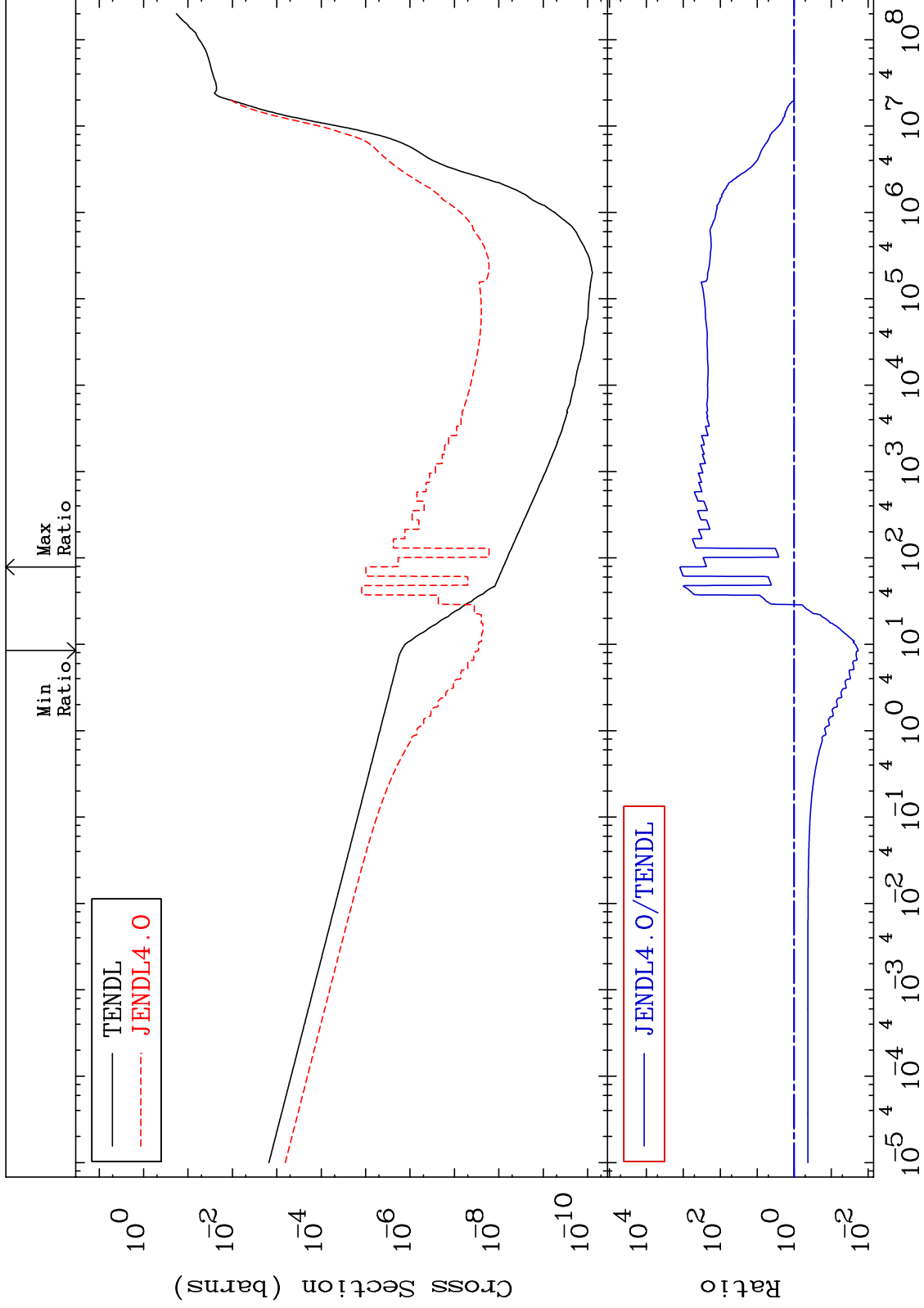
76-0s-188
-100.0 To 9999. %



MAT 7637

He-4 Production
Cross Section

76-0s-188
-98.16 To 9999. %



52

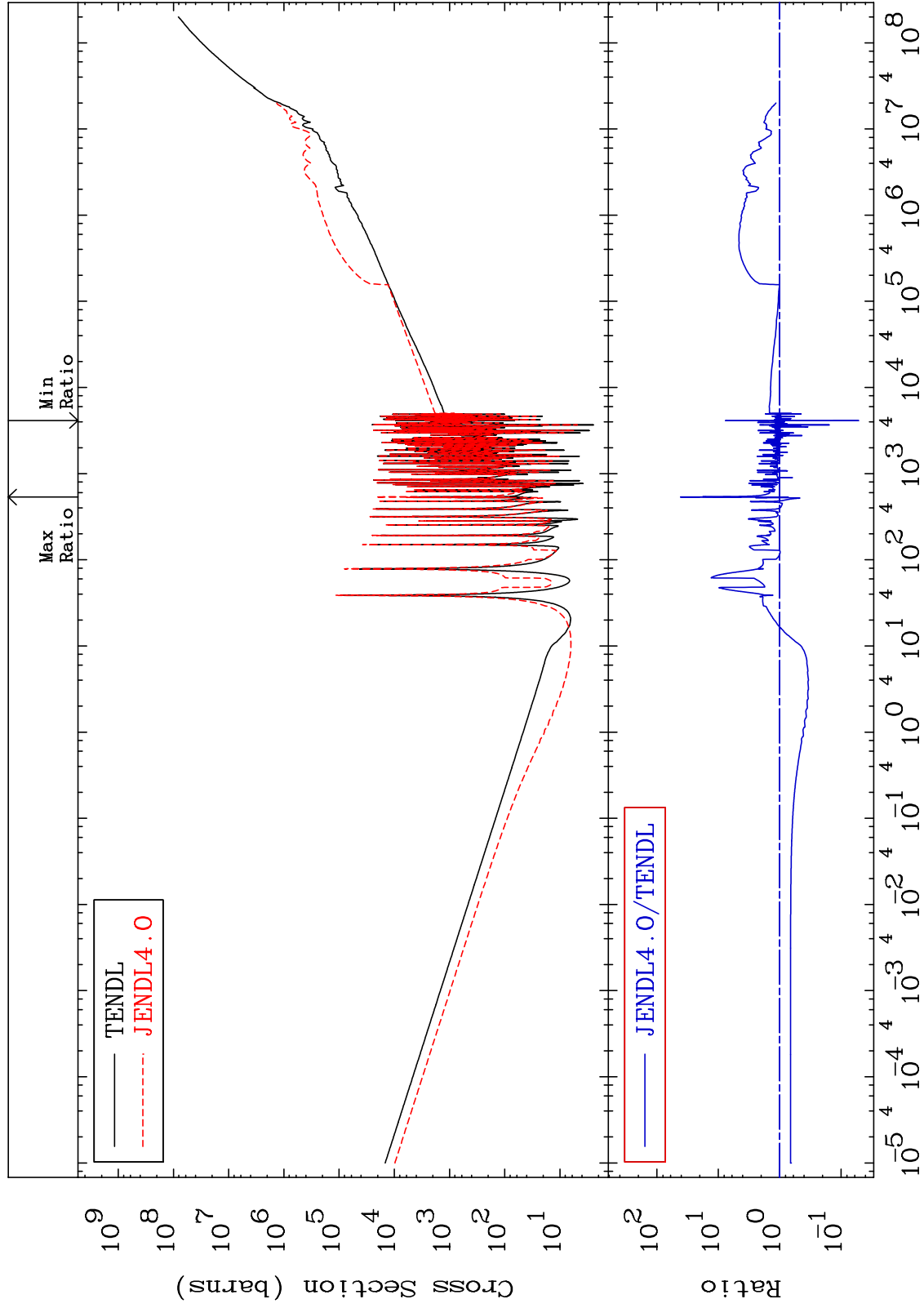
Incident Energy (eV)

76-0s-188

MAT 7637

Kerma total (eV-barns)
Cross Section

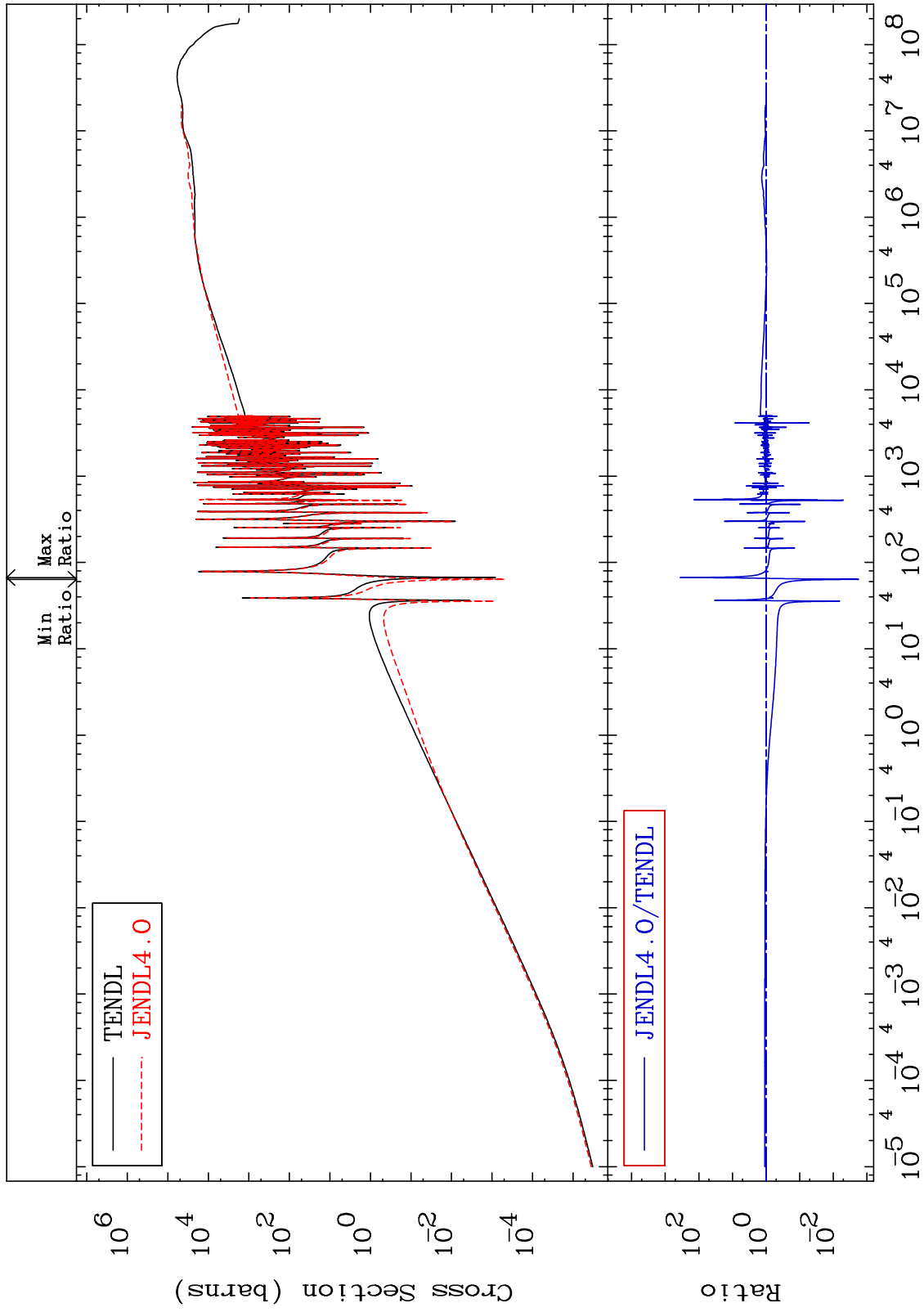
76-0s-188
-94.80 To 4036. %



MAT 7637

Kerma elastic
Cross Section

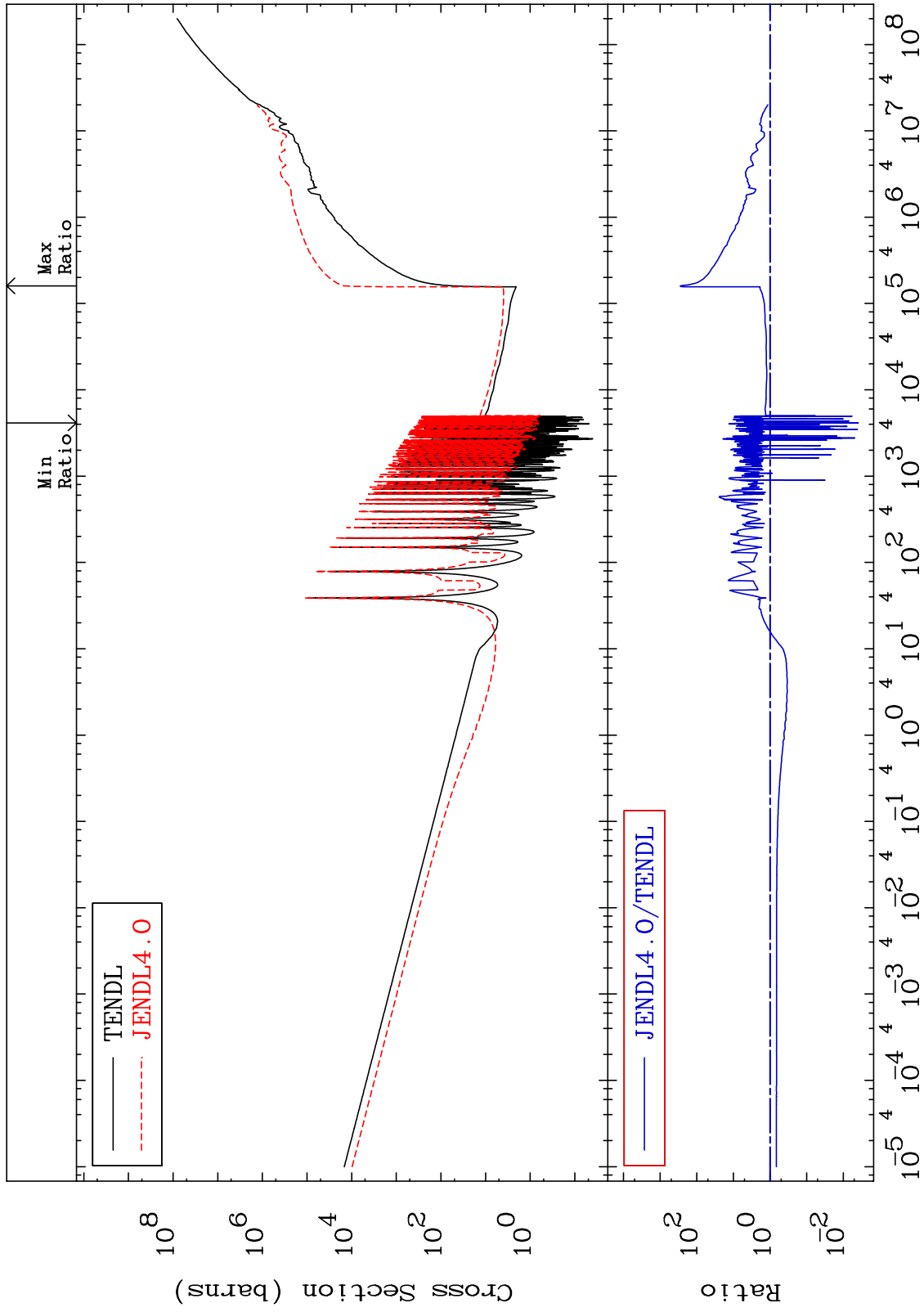
76-0s-188
-99.82 To 9999. %



MAT 7637

Kerma non-elastic (all but mt2)
Cross Section

76-0s-188
-99.61 To 9999. %



55

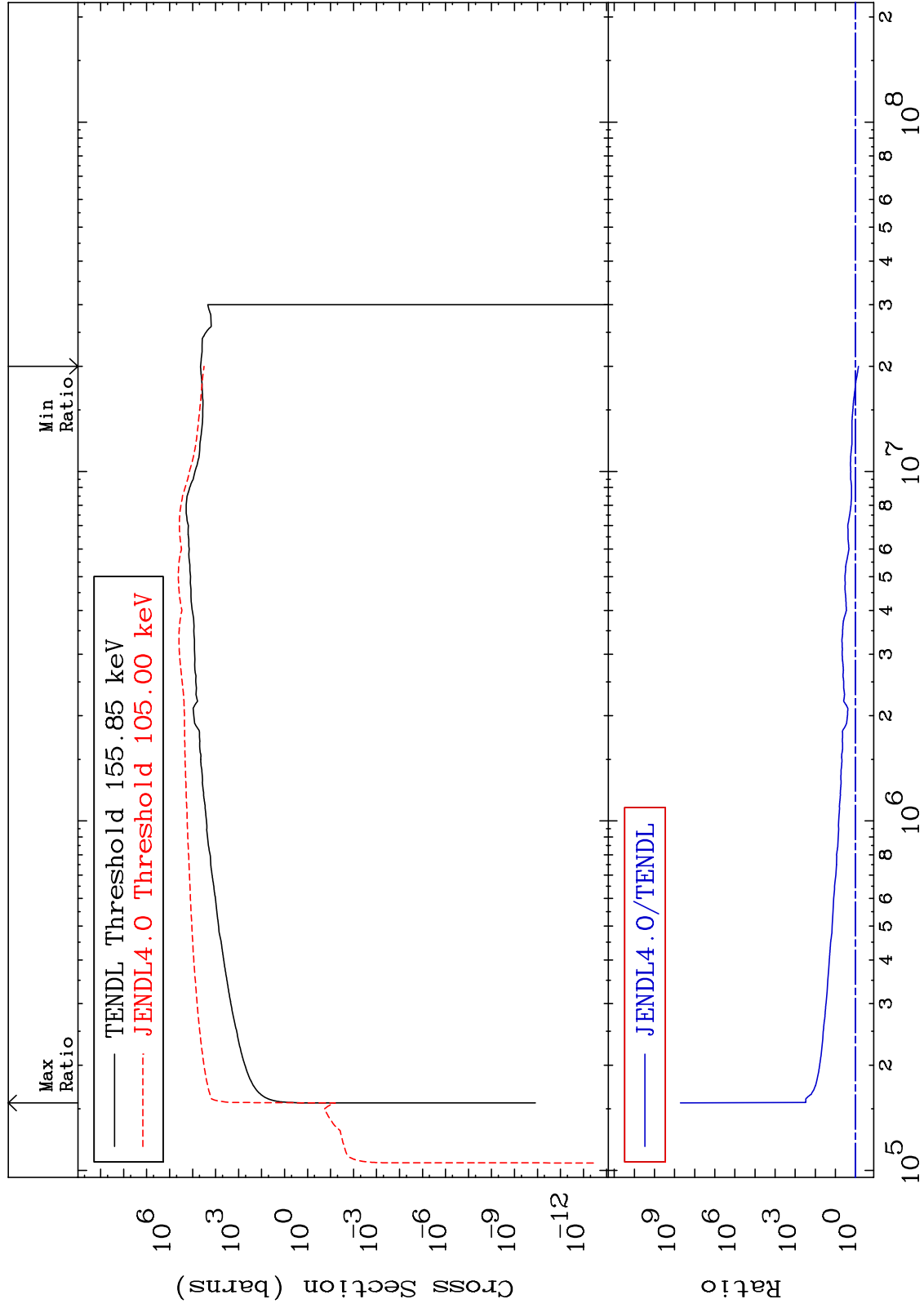
Incident Energy (eV)

76-0s-188

MAT 7637

Kerma inelastic (mt51-91)
Cross Section

76-0s-188
-28.98 To 9999. %



Incident Energy (eV)

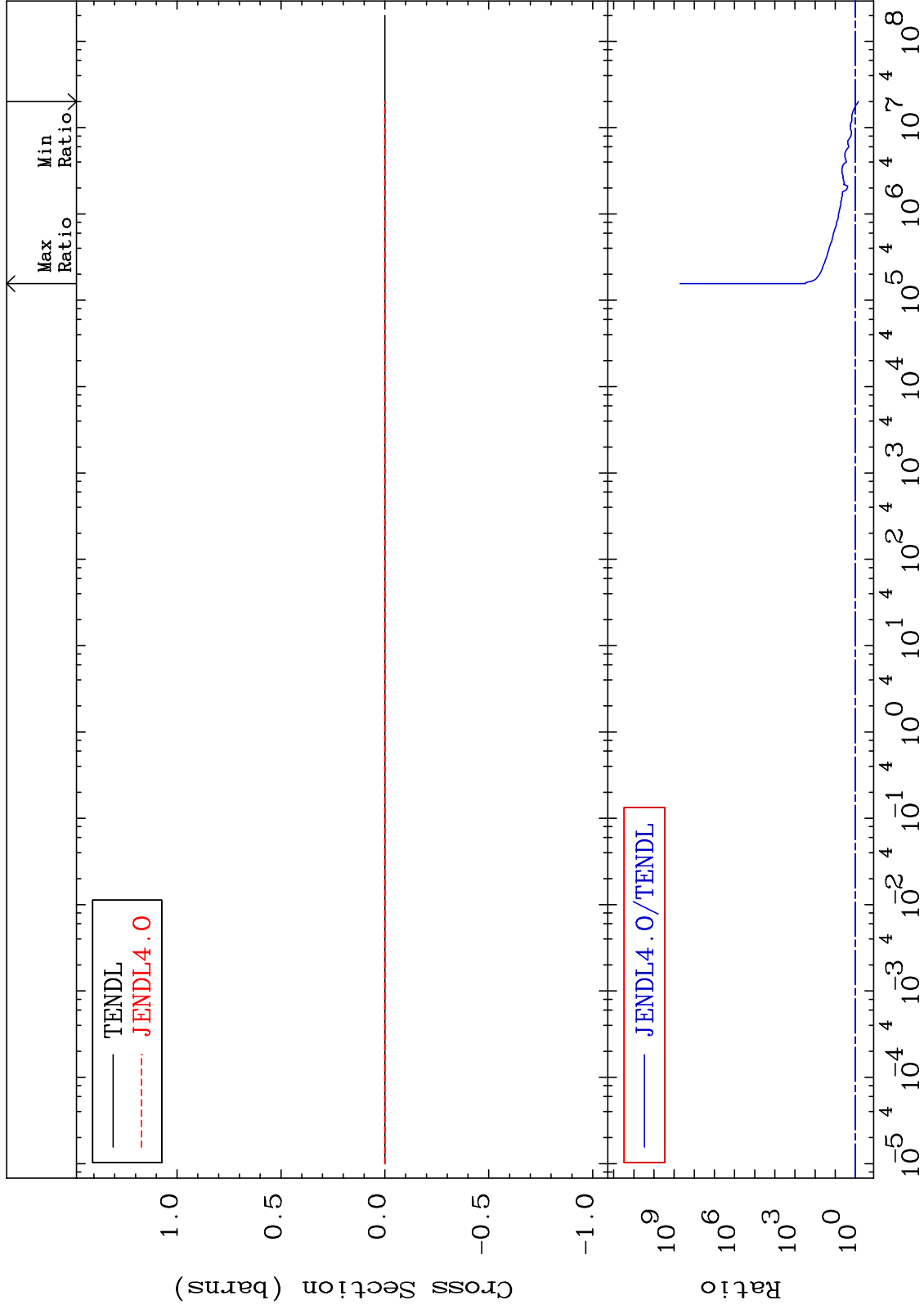
76-0s-188

56

MAT 7637

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

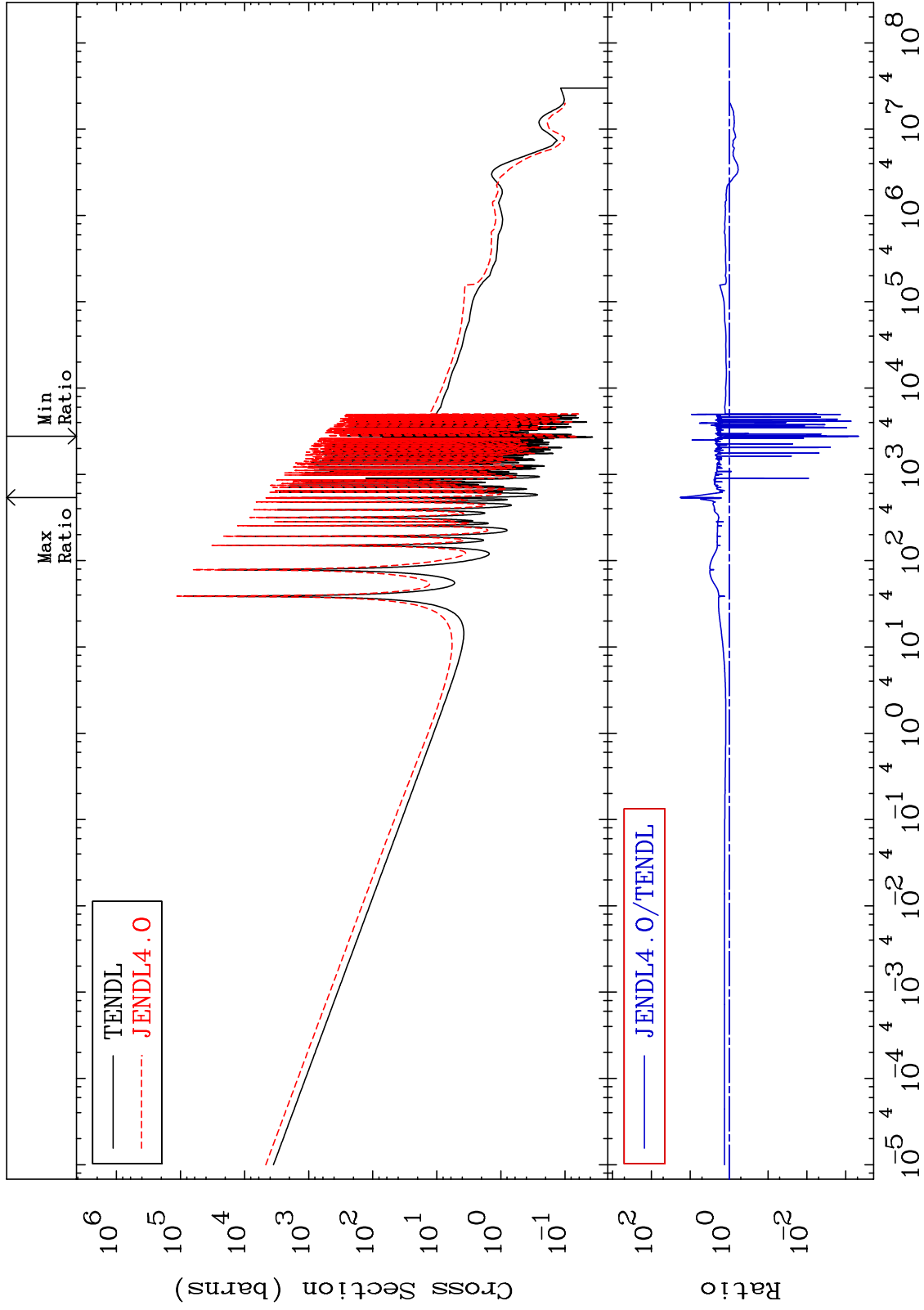
76-0s-188
-28.98 To 9999. %



MAT 7637

Kerma capture (mt102)
Cross Section

76-0s-188
-99.95 To 1737. %



58

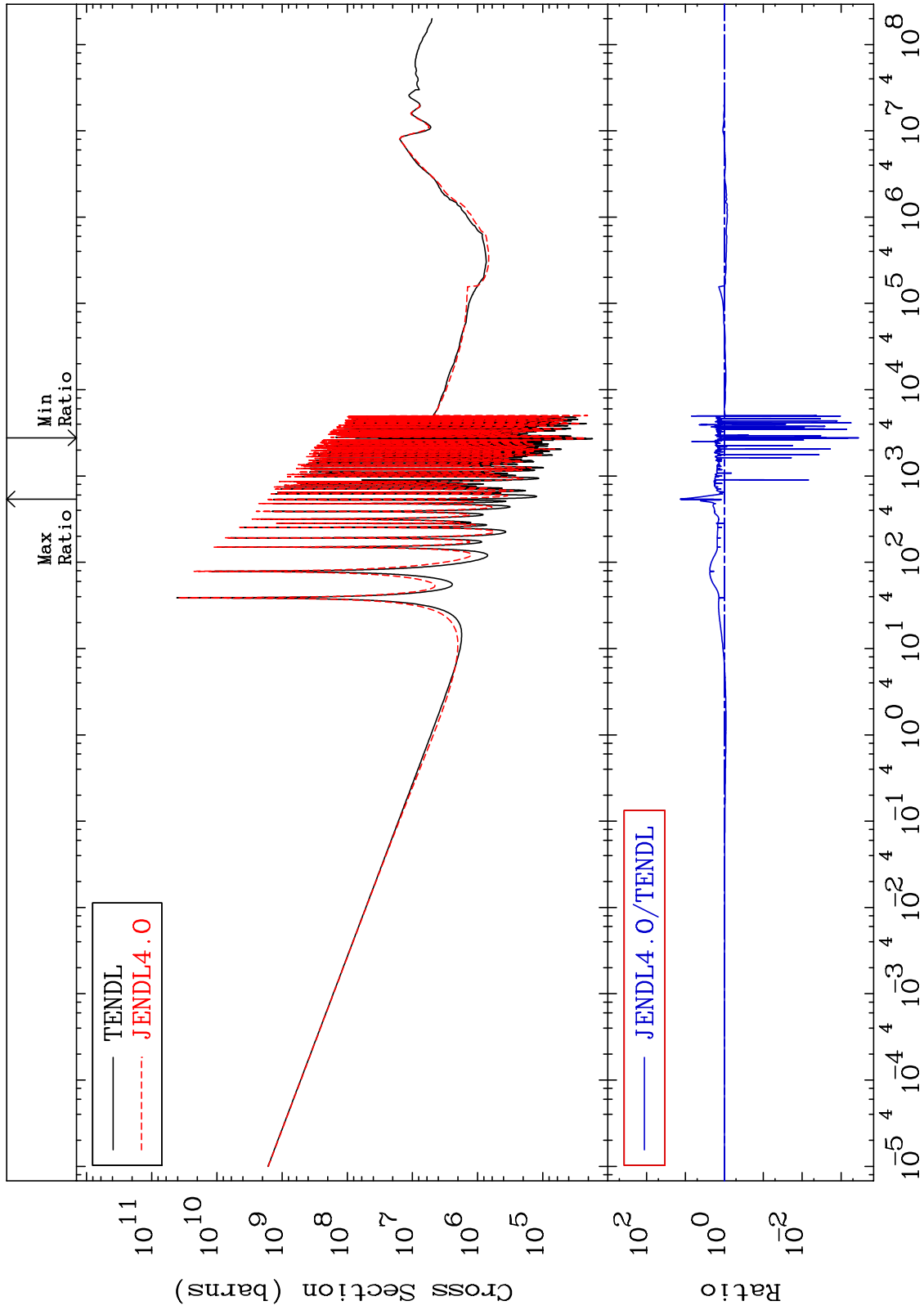
Incident Energy (eV)

76-0s-188

MAT 7637

Total photon (eV-barns)
Cross Section

76-0s-188
-99.96 To 1282. %



59

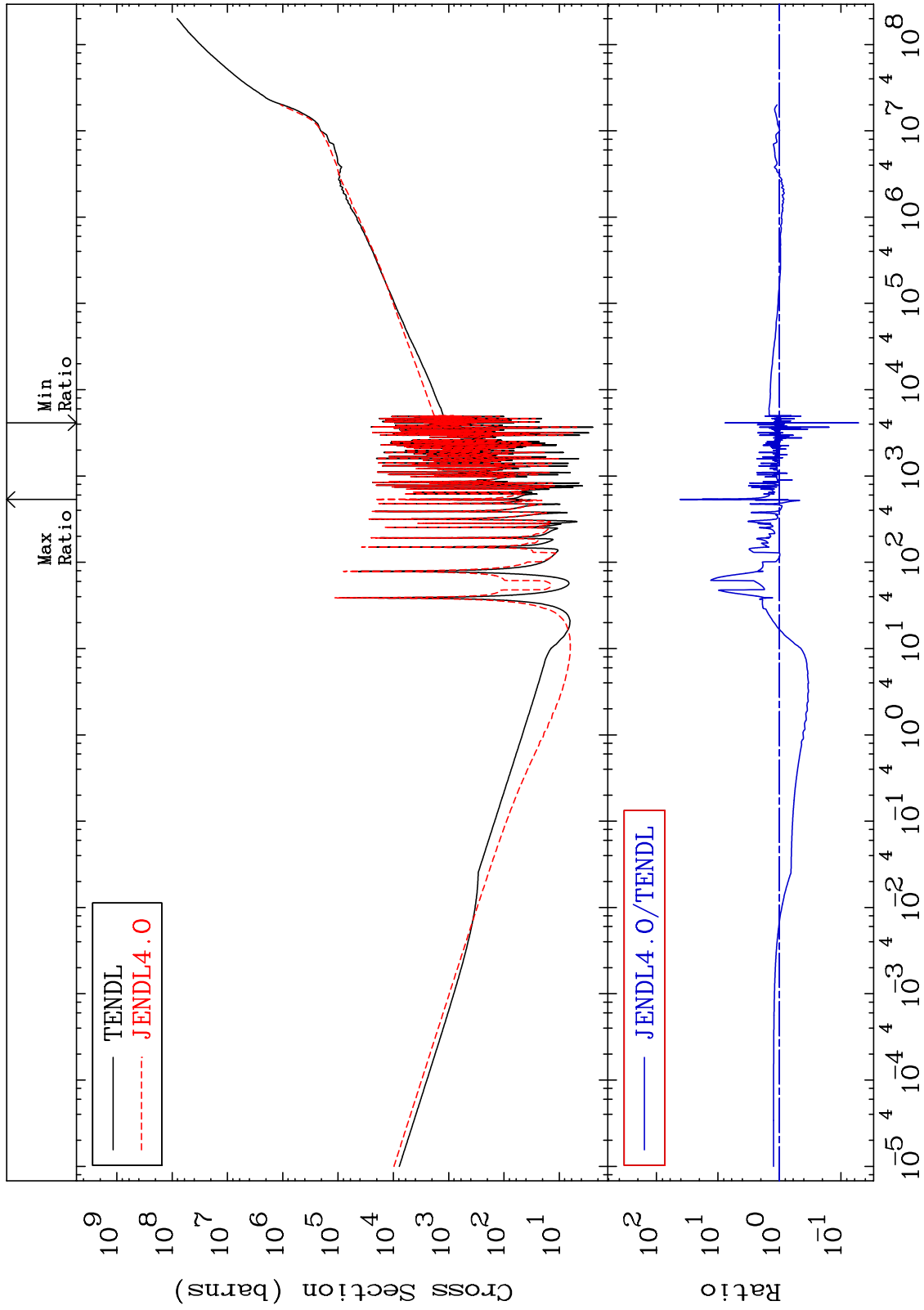
Incident Energy (eV)

76-0s-188

MAT 7637

Total kinematic kerma (high limit)
Cross Section

76-0s-188
-94.80 To 4036. %



60

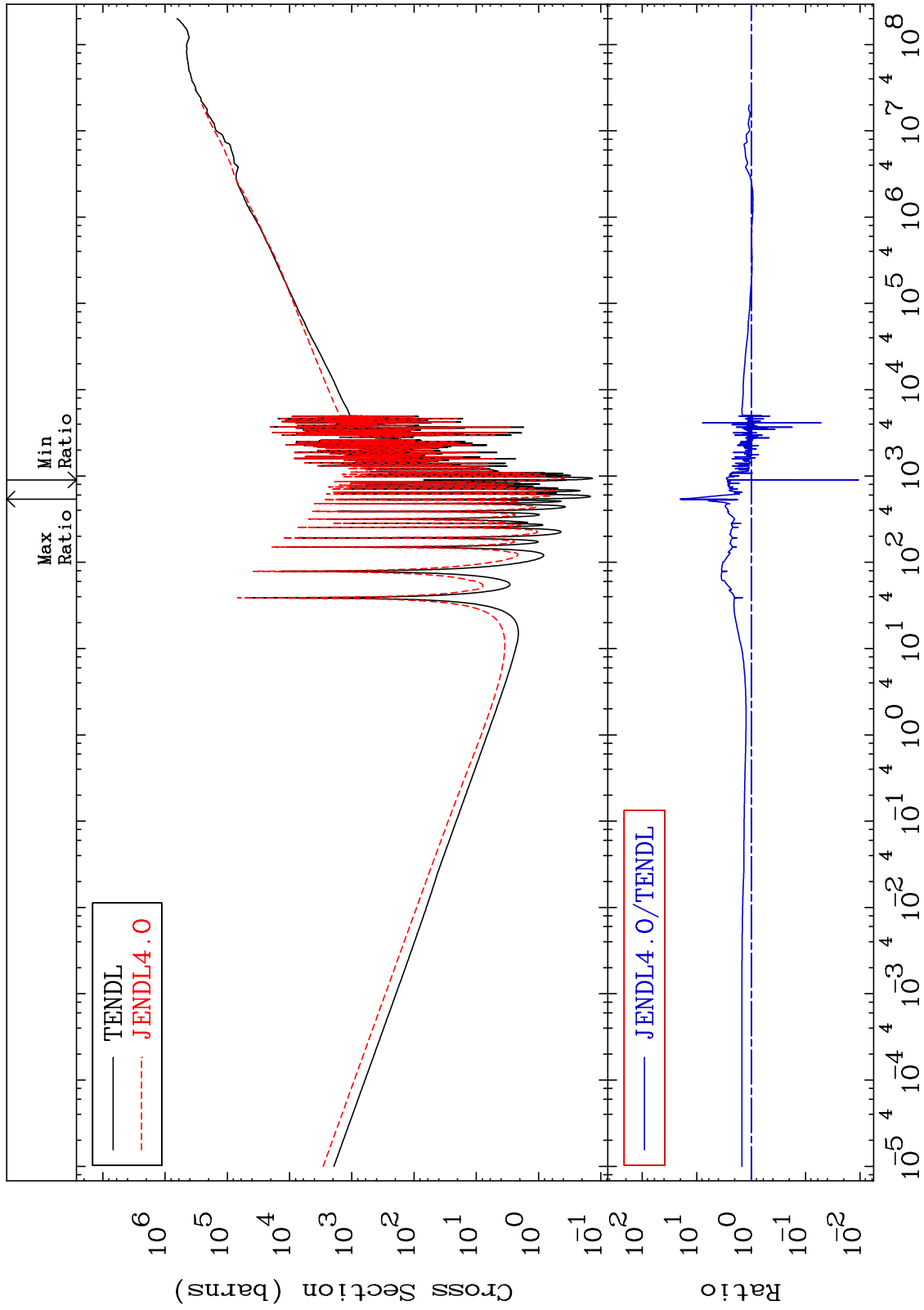
Incident Energy (eV)

76-0s-188

MAT 7637

Dpa total (eV-barns)
Cross Section

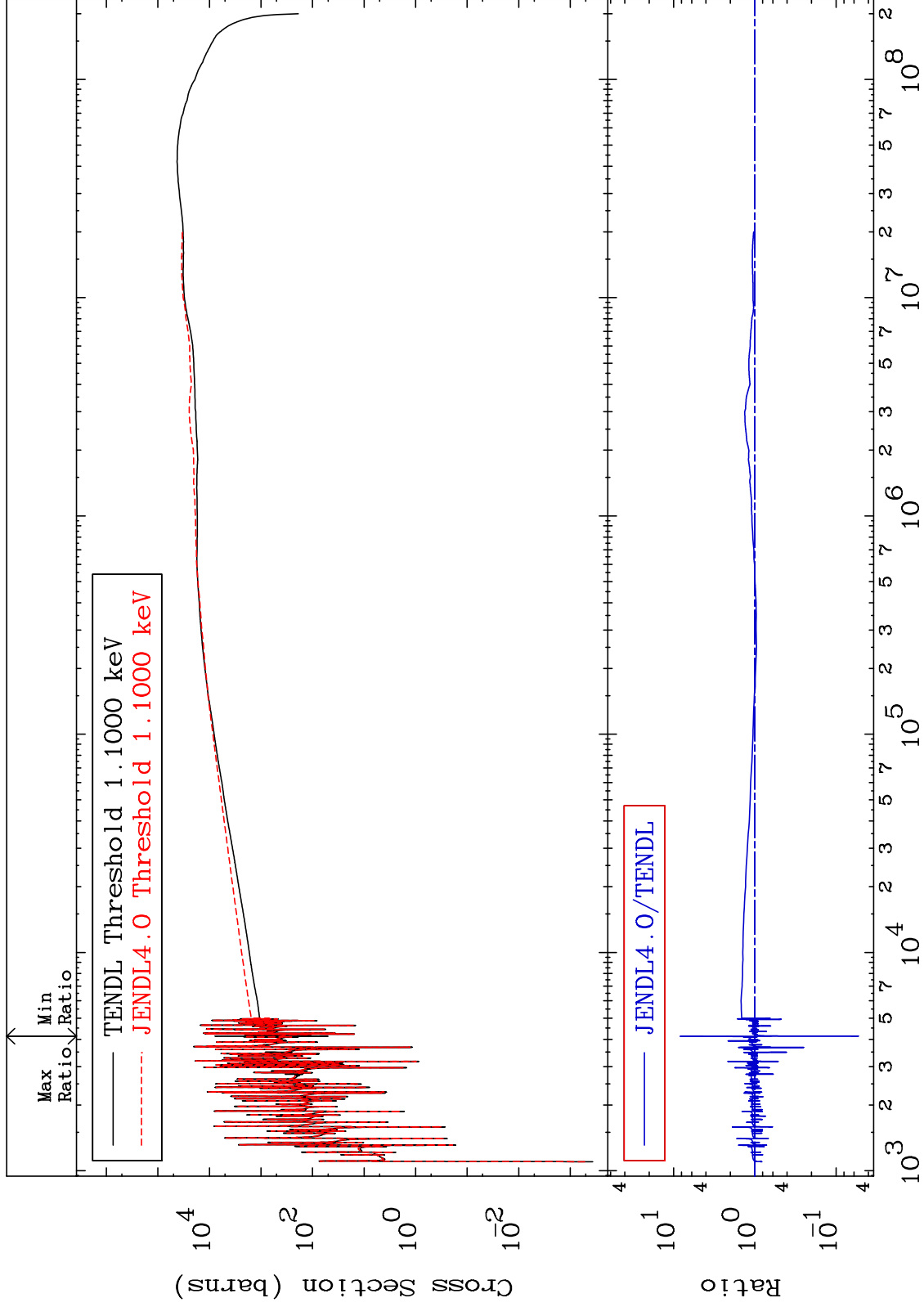
76-0s-188
-98.93 To 1926. %



MAT 7637

Dpa elastic (mt2)
Cross Section

76-0s-188
-94.70 To 735.8 %



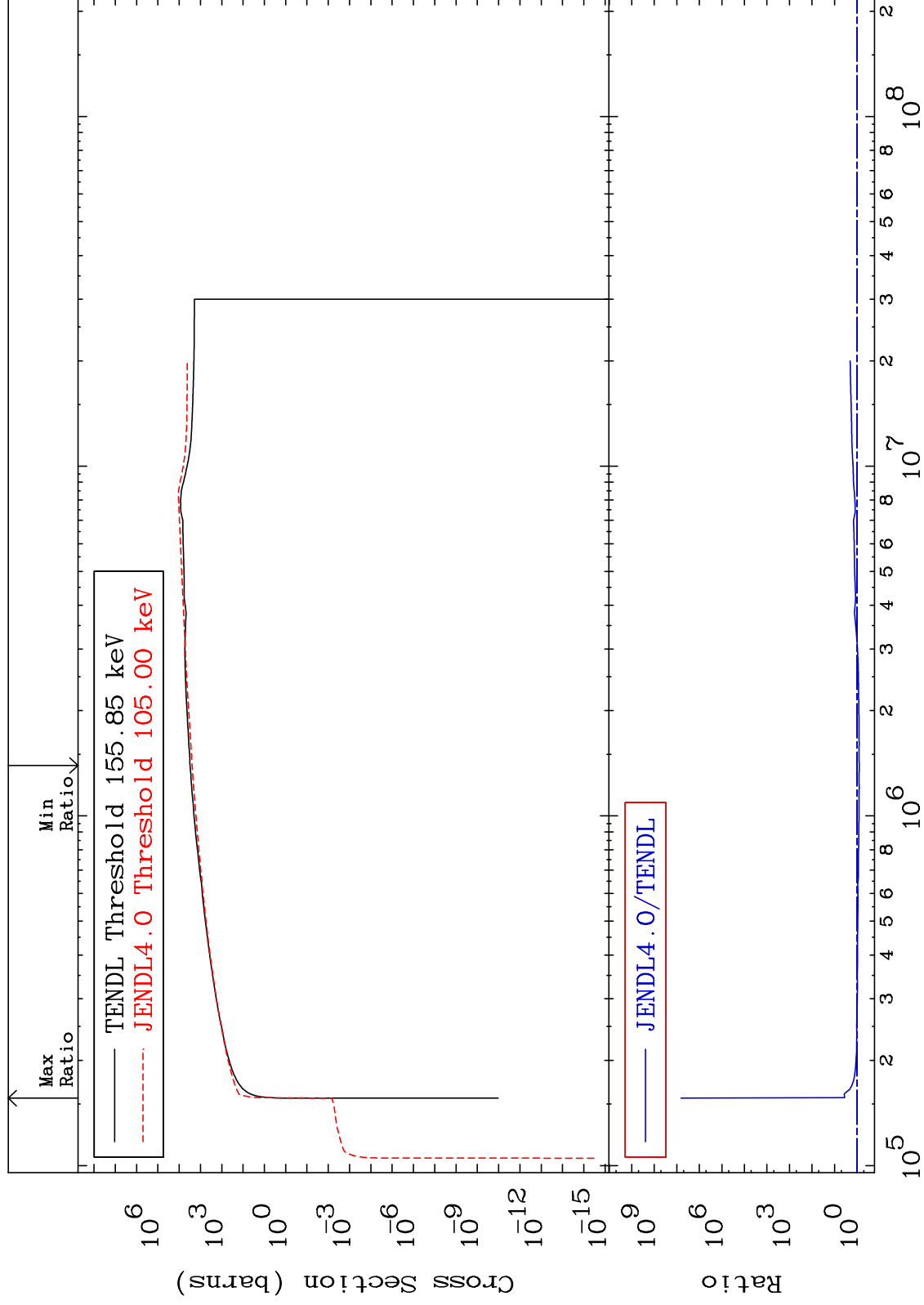
62

76-0s-188

MAT 7637

Dpa inelastic (mt51-91)
Cross Section

76-0s-188
-20.23 To 9999. %



63

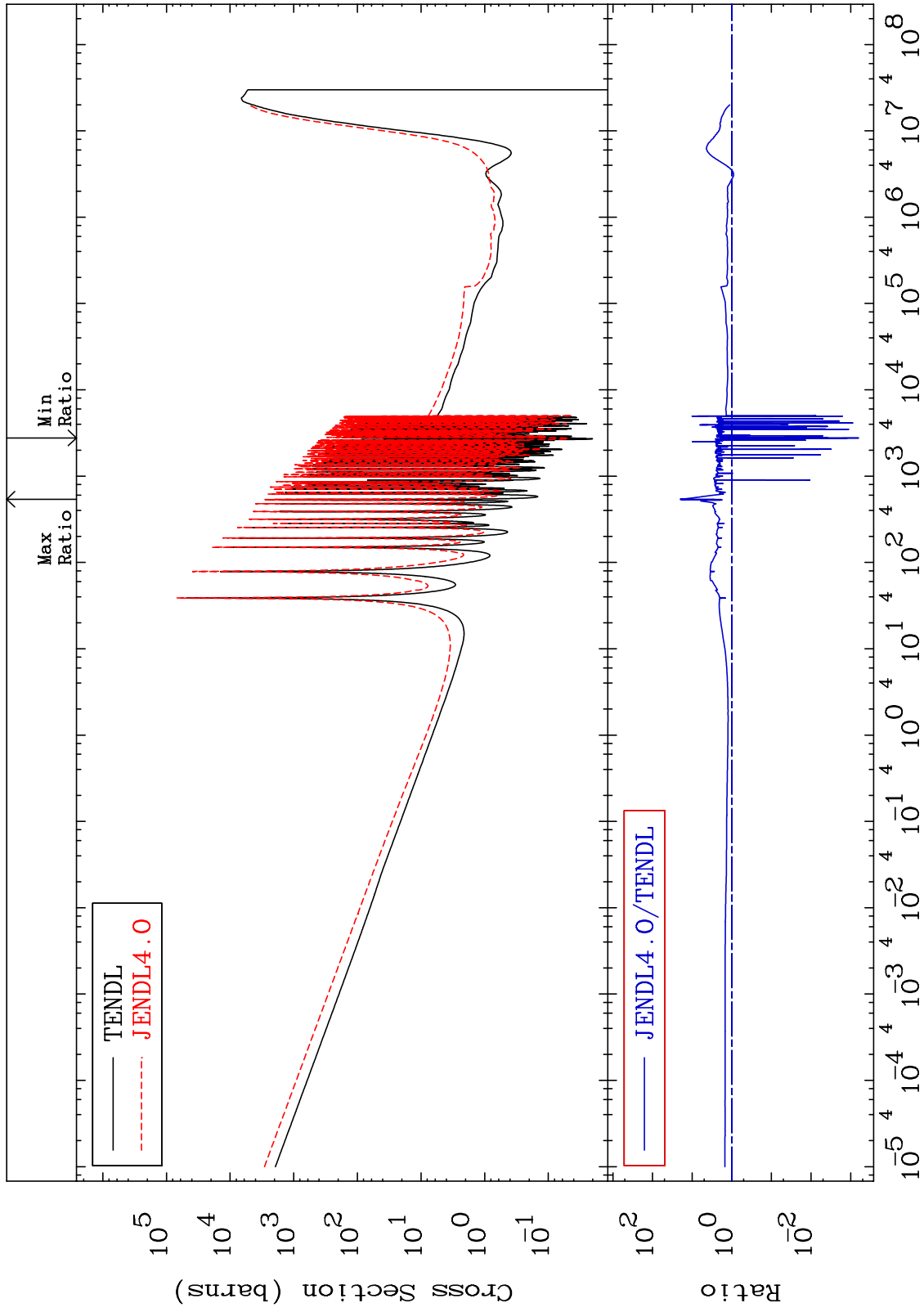
Incident Energy (eV)

76-0s-188

MAT 7637

Dpa disappearance (mt102 -120)
Cross Section

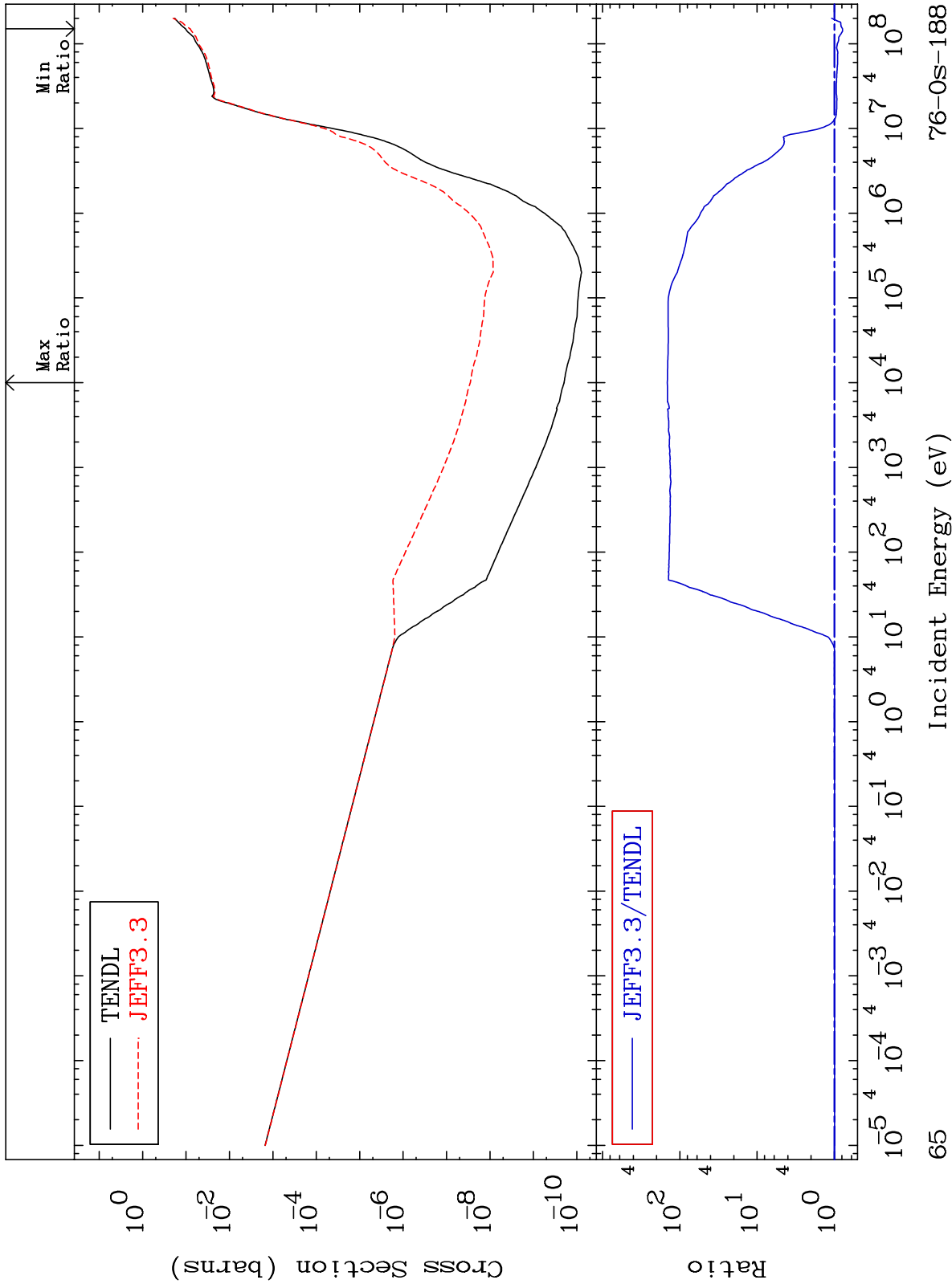
76-0s-188
-99.94 To 1926. %



MAT 7637

He-4 Production
Cross Section

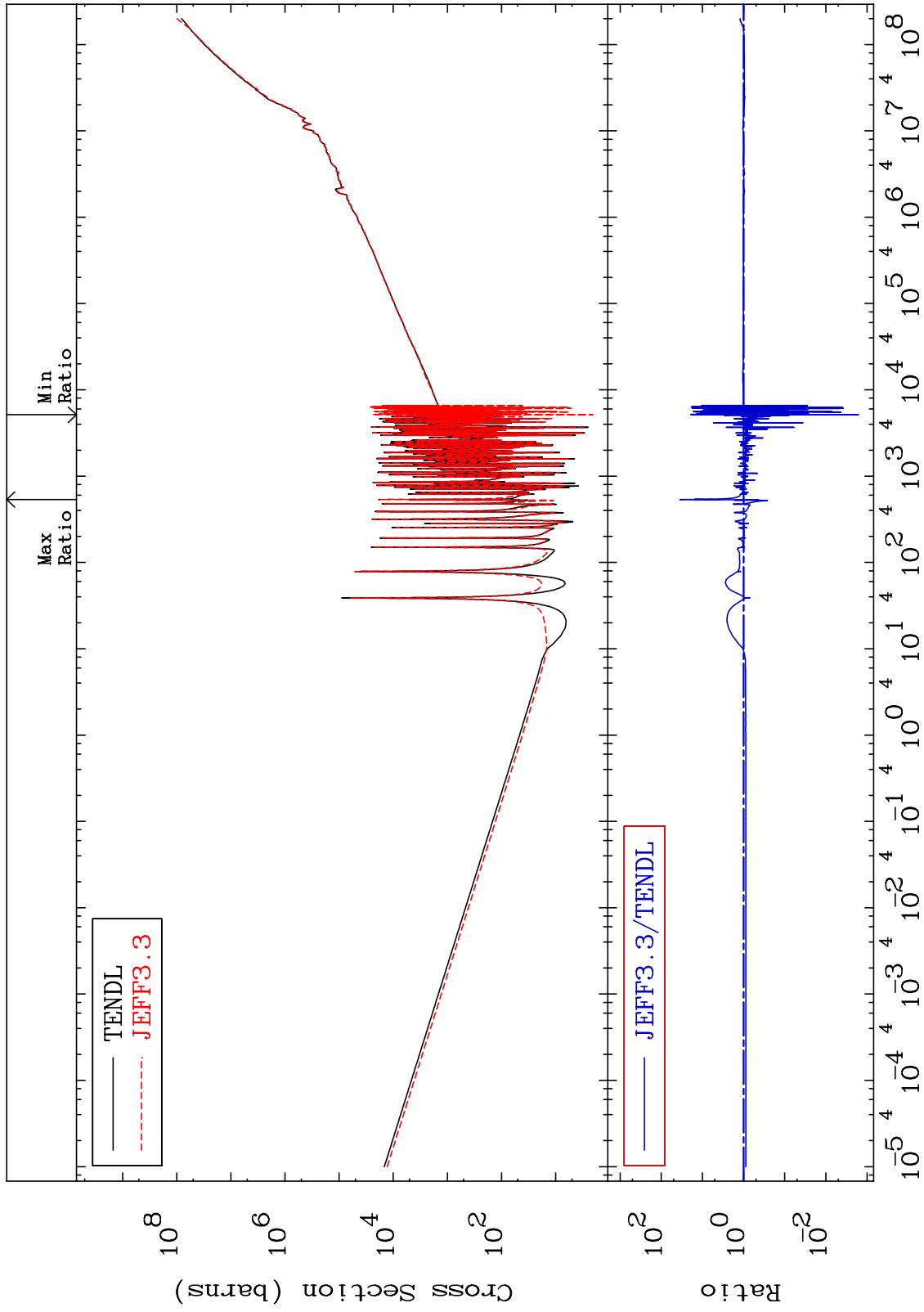
76-0s-188
-21.69 To 9999. %



MAT 7637

Kerma total (eV-barns)
Cross Section

76-0s-188
-99.84 To 3403. %



66

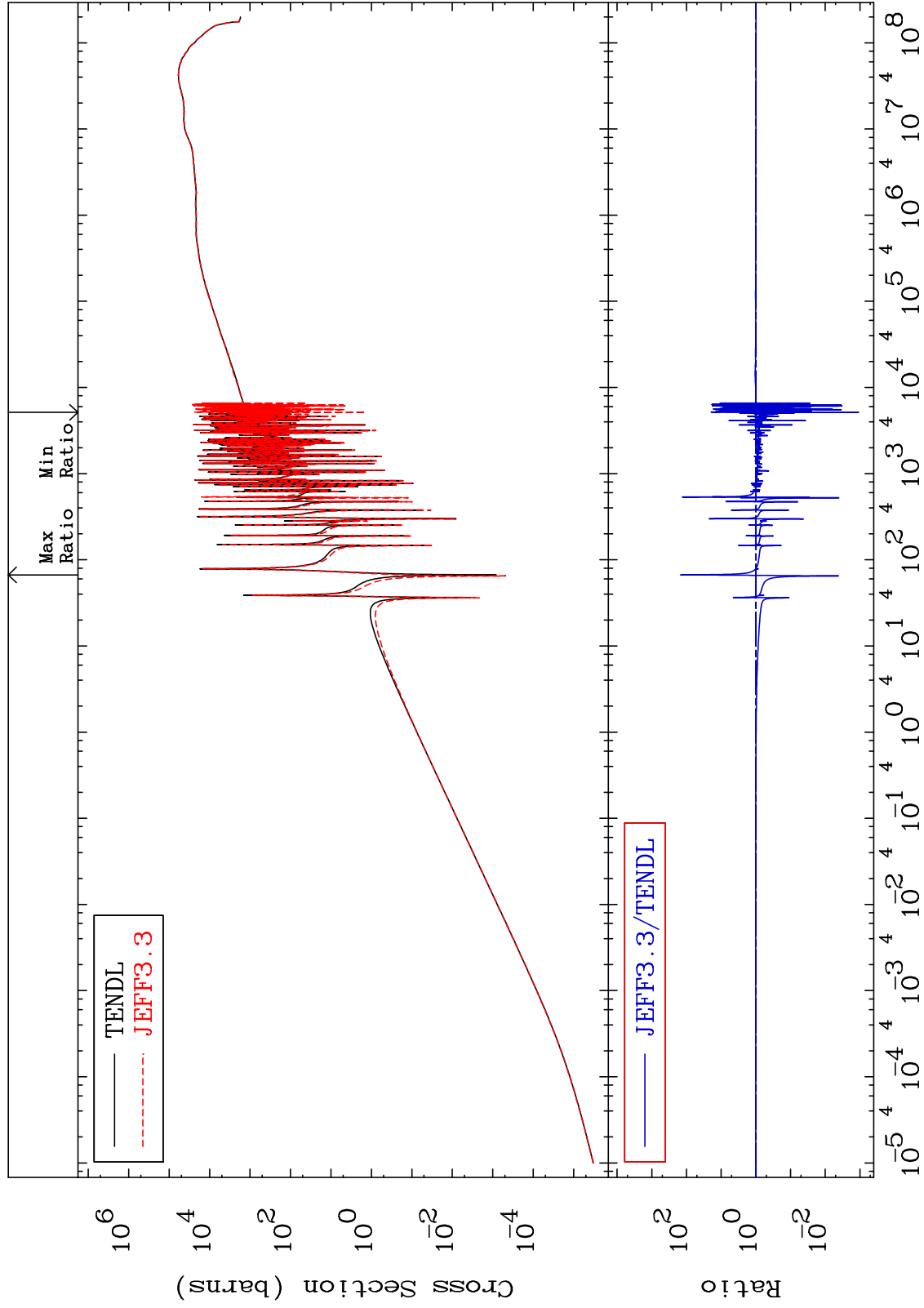
Incident Energy (eV)

76-0s-188

MAT 7637

Kerma elastic
Cross Section

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



67

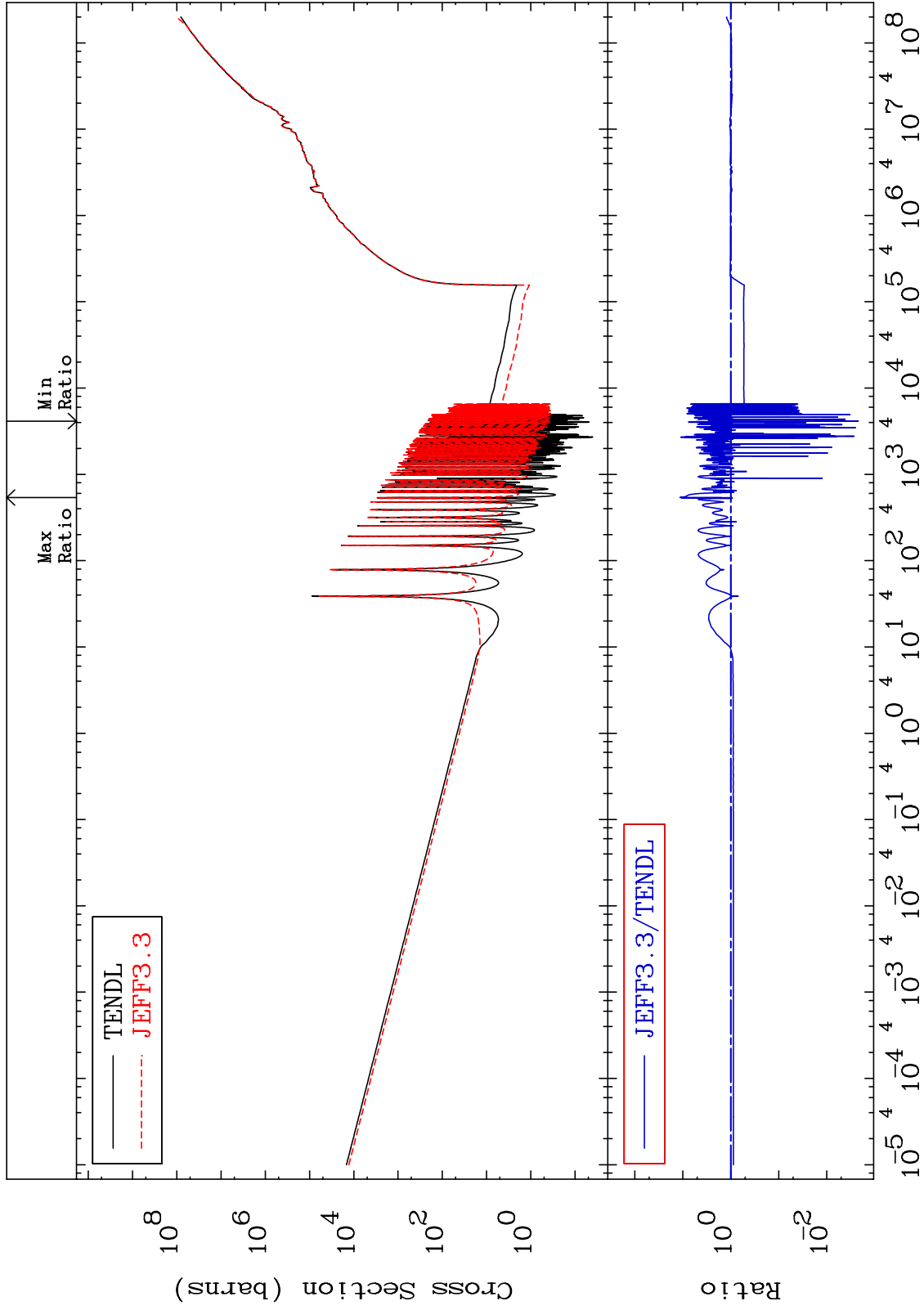
Incident Energy (eV)

76-0s-188

MAT 7637

Kerma non-elastic (all but mt2)
Cross Section

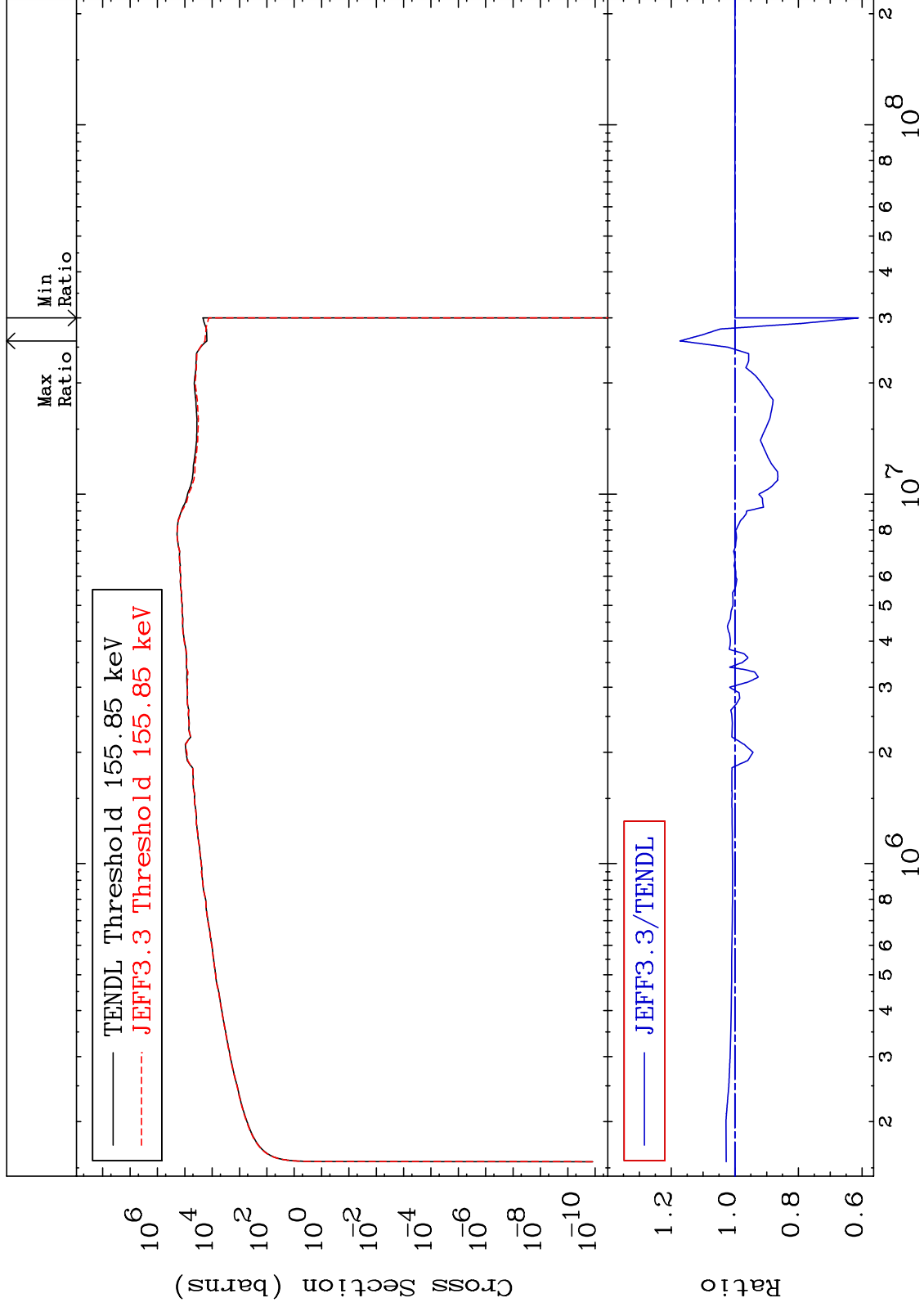
76-0s-188
-99.78 To 1039. %



MAT 7637

Kerma inelastic (mt51-91)
Cross Section

76-0s-188
-38.84 To 17.24 %



69

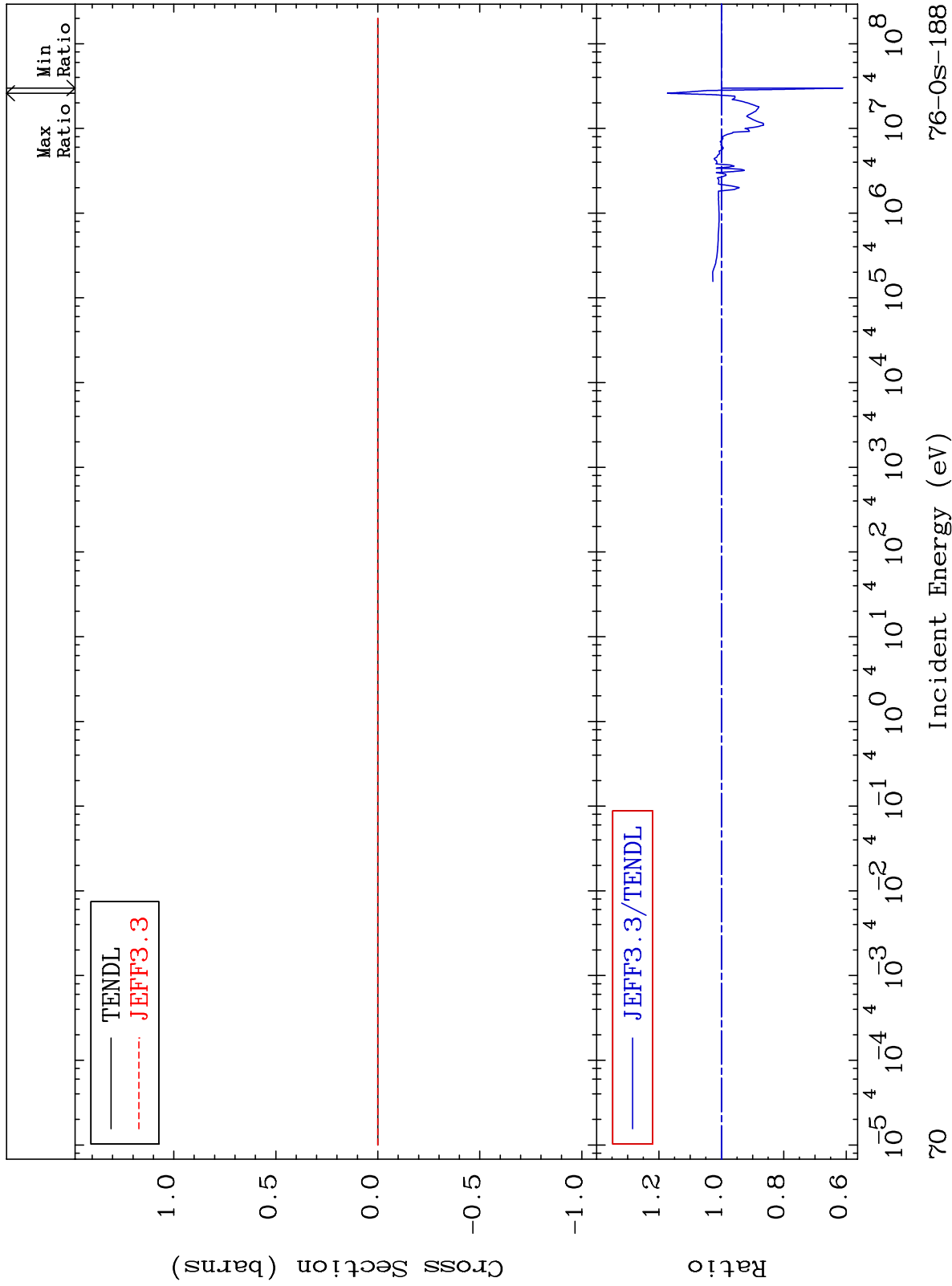
Incident Energy (eV)

76-0s-188

MAT 7637

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

76-0s-188
-38.84 To 17.24 %



70

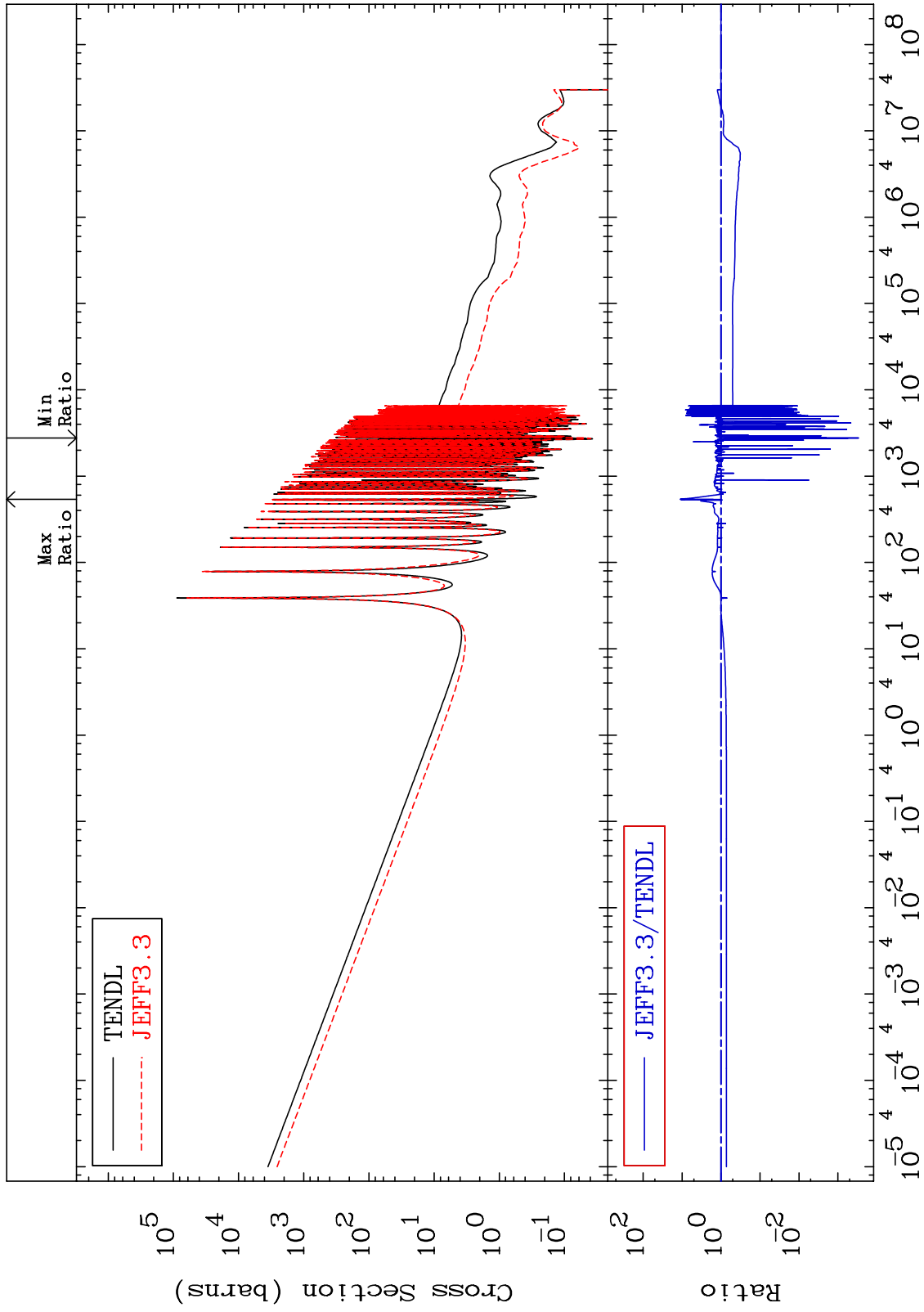
Incident Energy (eV)

76-0s-188

MAT 7637

Kerma capture (mt102)
Cross Section

76-0s-188
-99.97 To 1030. %



71

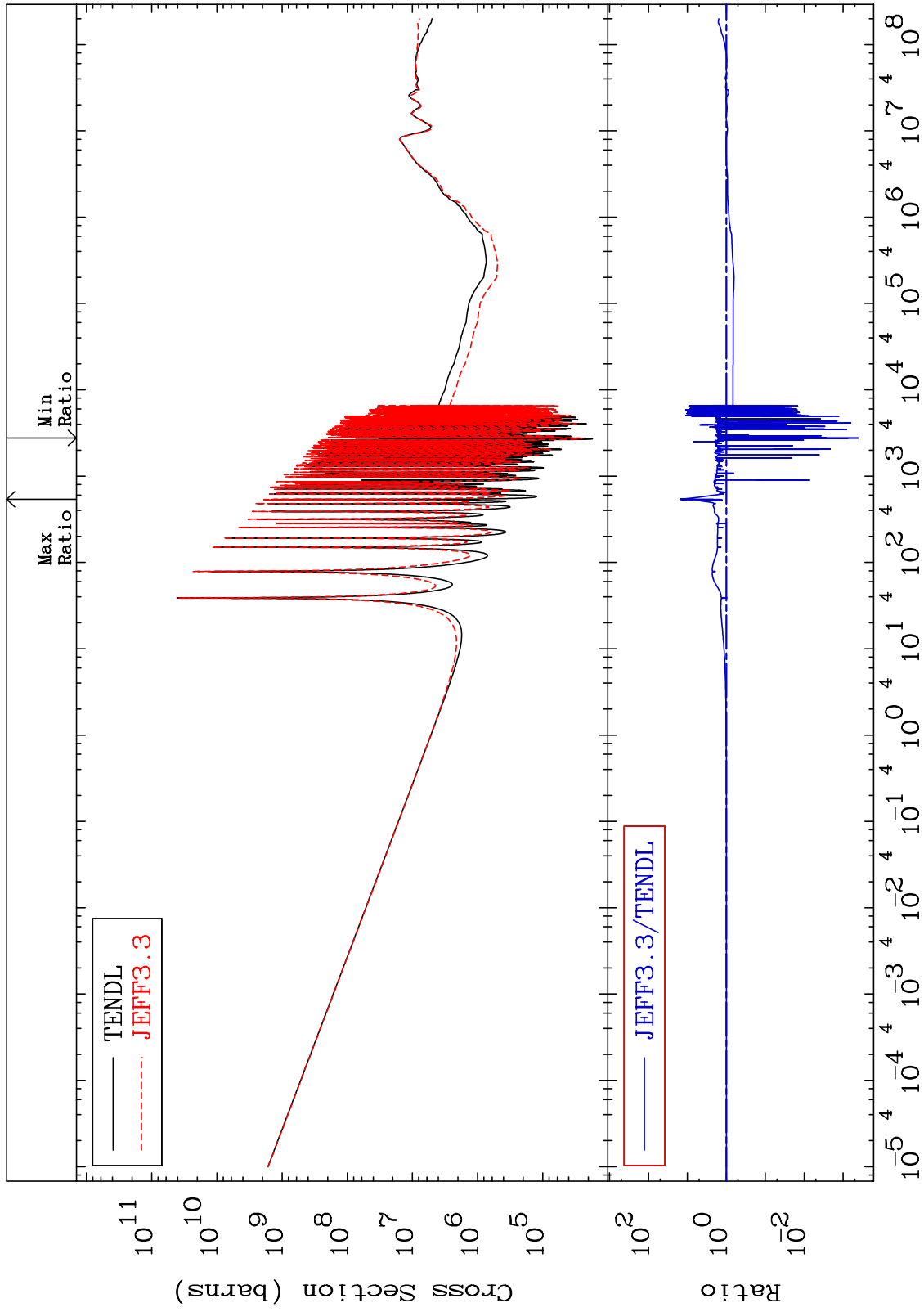
Incident Energy (eV)

76-0s-188

MAT 7637

Total photon (eV-barns)
Cross Section

76-0s-188
-99.96 To 1445. %



72

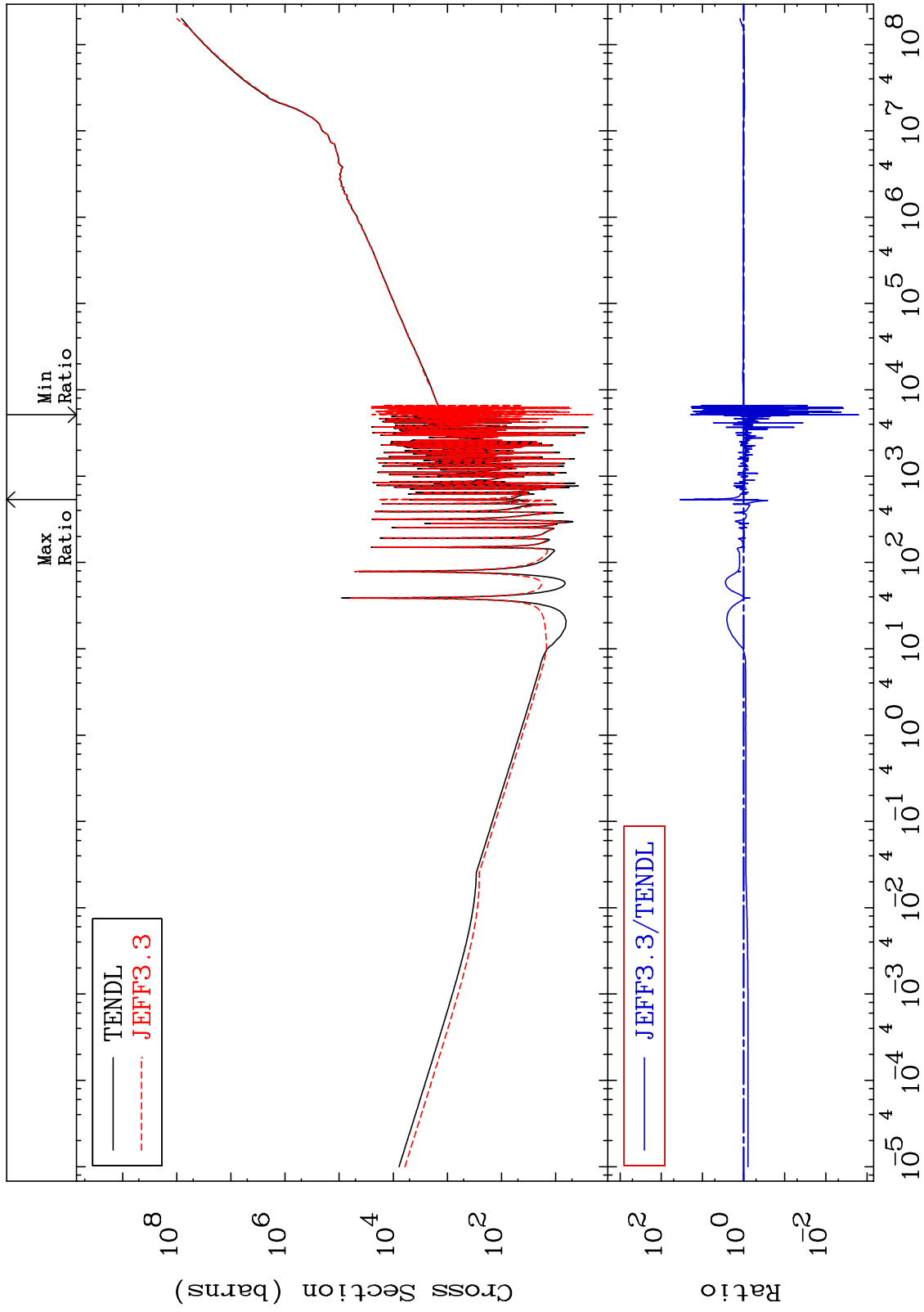
Incident Energy (eV)

76-0s-188

MAT 7637

Total kinematic kerma (high limit)
Cross Section

76-0s-188
-99.84 To 3403. %



73

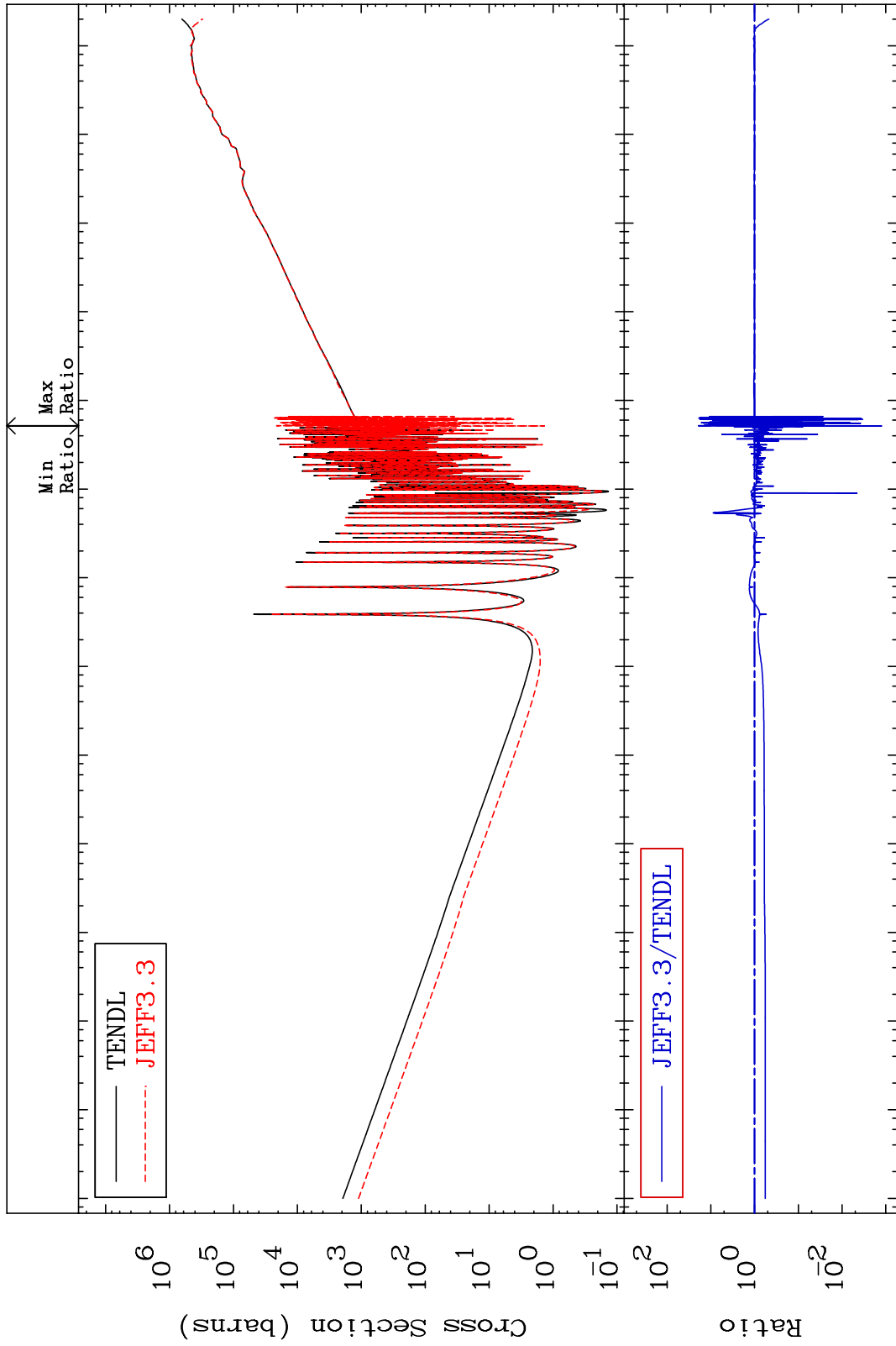
Incident Energy (eV)

76-0s-188

MAT 7637

Dpa total (eV-barns)
Cross Section

76-0s-188
-99.87 To 1831. %



74

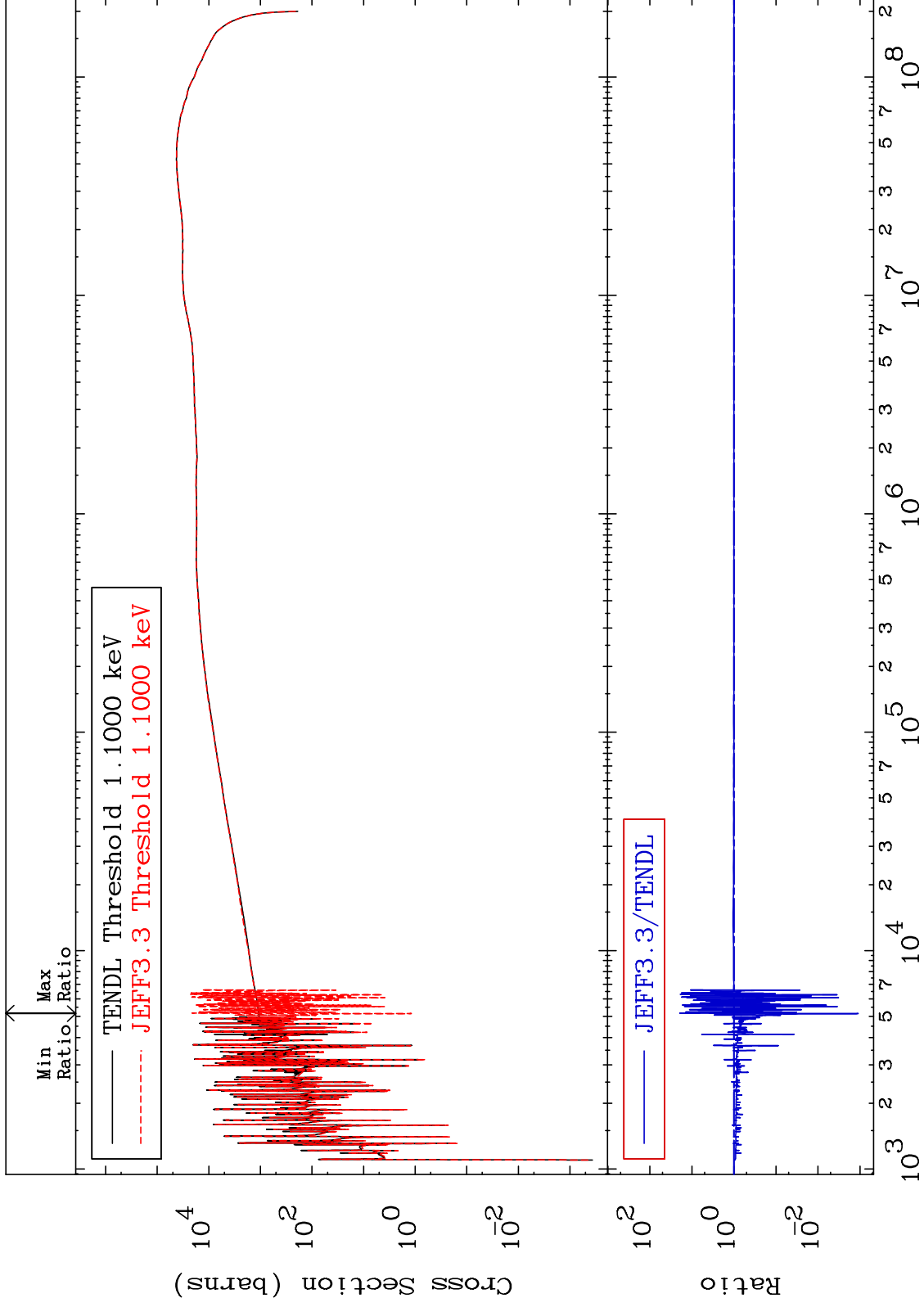
Incident Energy (eV)

76-0s-188

MAT 7637

Dpa elastic (mt2)
Cross Section

76-0s-188
-99.89 To 1839. %



75

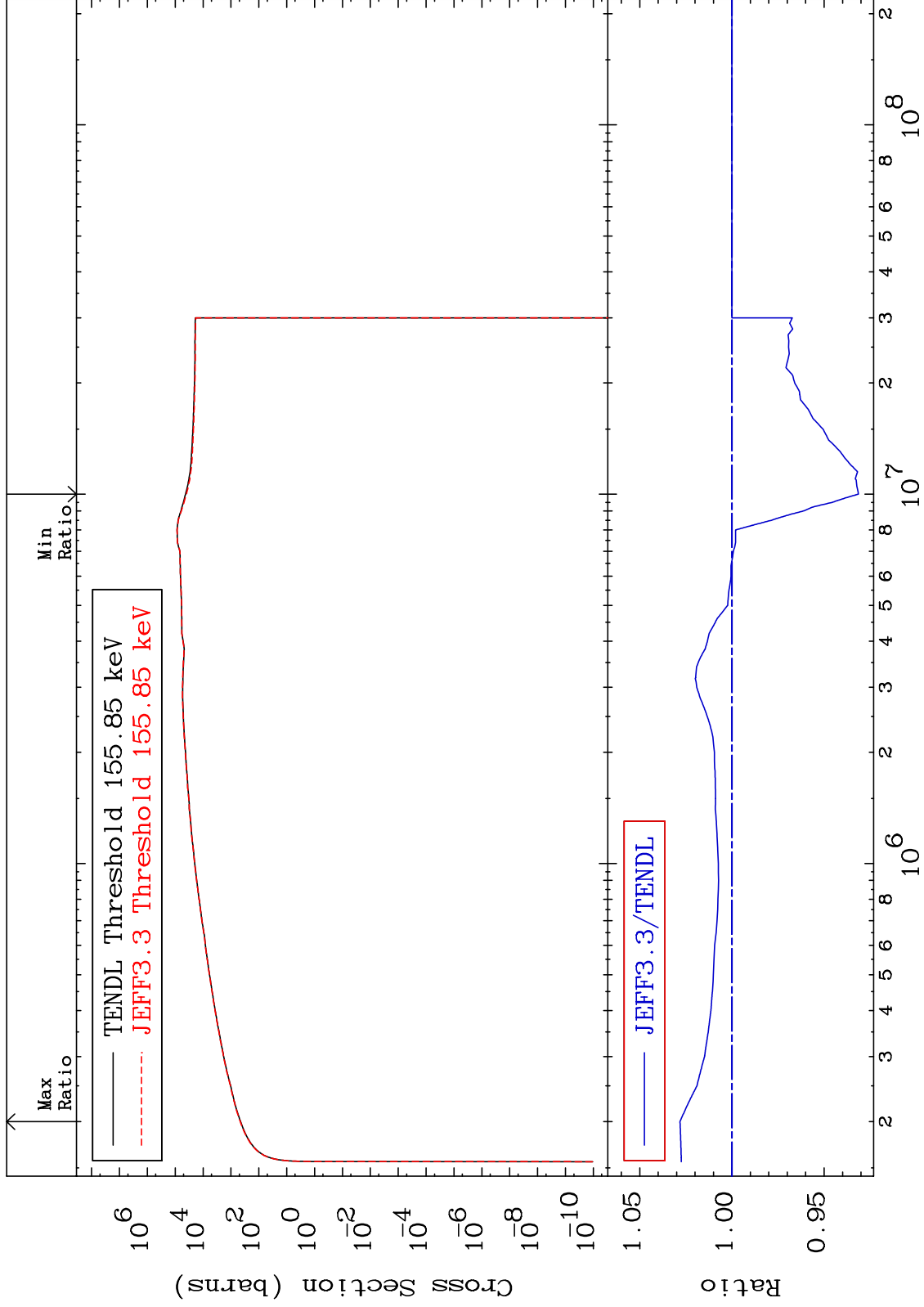
Incident Energy (eV)

76-0s-188

MAT 7637

Dpa inelastic (mt51-91)
Cross Section

76-0s-188
-6.860 To 2.817 %



76

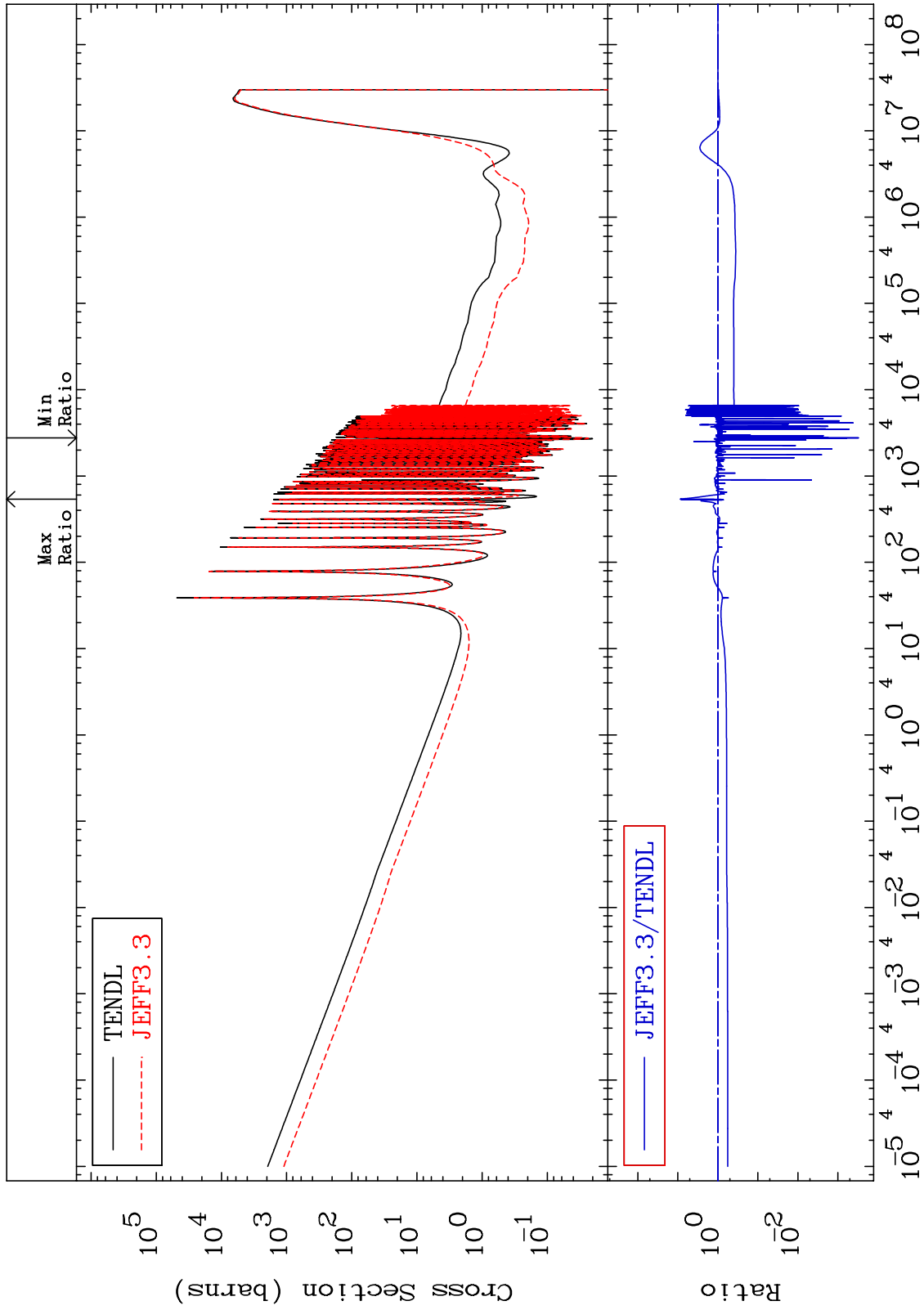
Incident Energy (eV)

76-0s-188

MAT 7637

Dpa disappearance (mt102 -120)
Cross Section

76-0s-188
-99.97 To 779.9 %



77

Incident Energy (eV)

76-0s-188

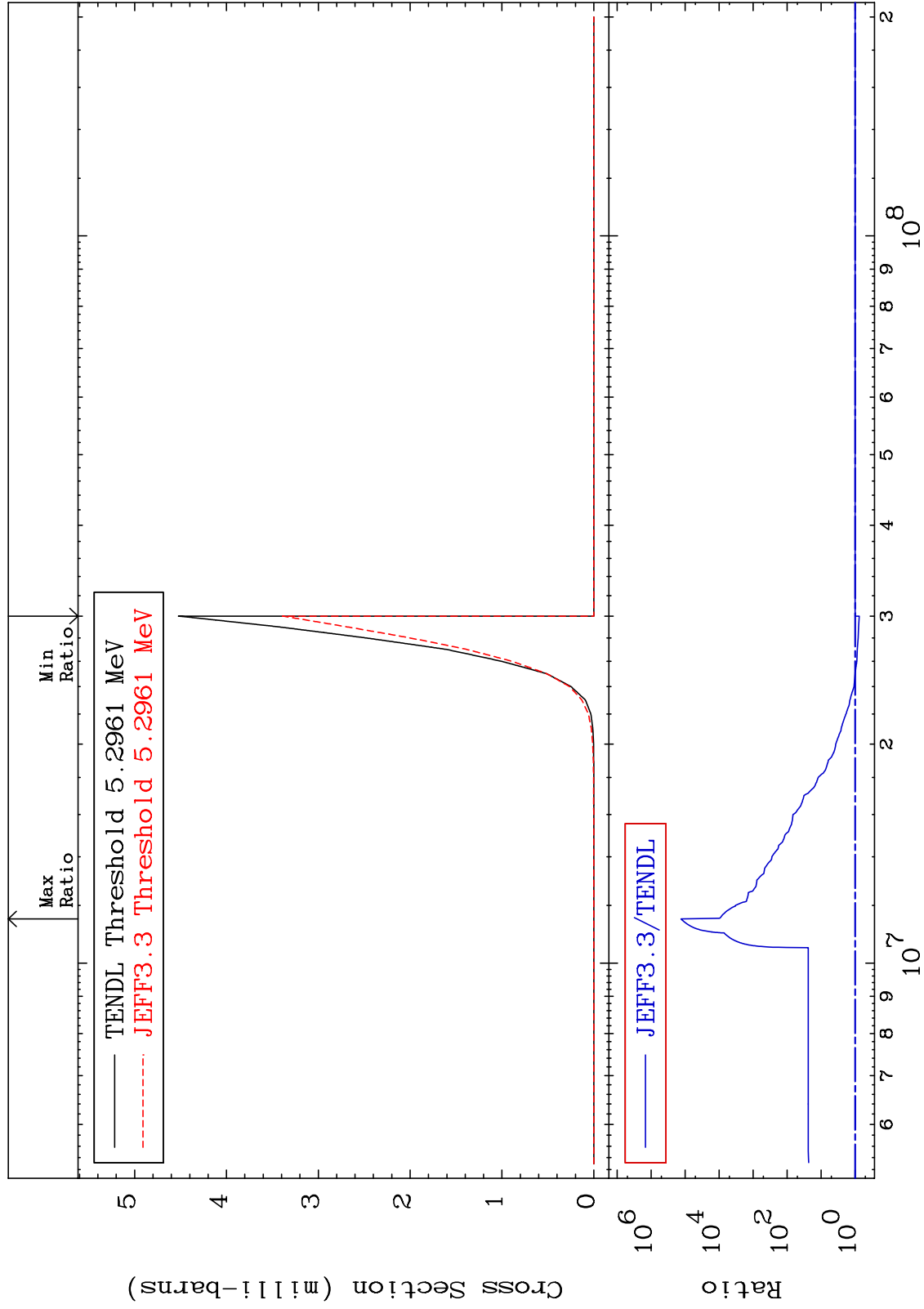
MAT 7637

(n,2n) α :74-W -183g

76-0s-188

Radionuclide Production Cross Section

-25.07 To 9999. %



78

Incident Energy (eV)

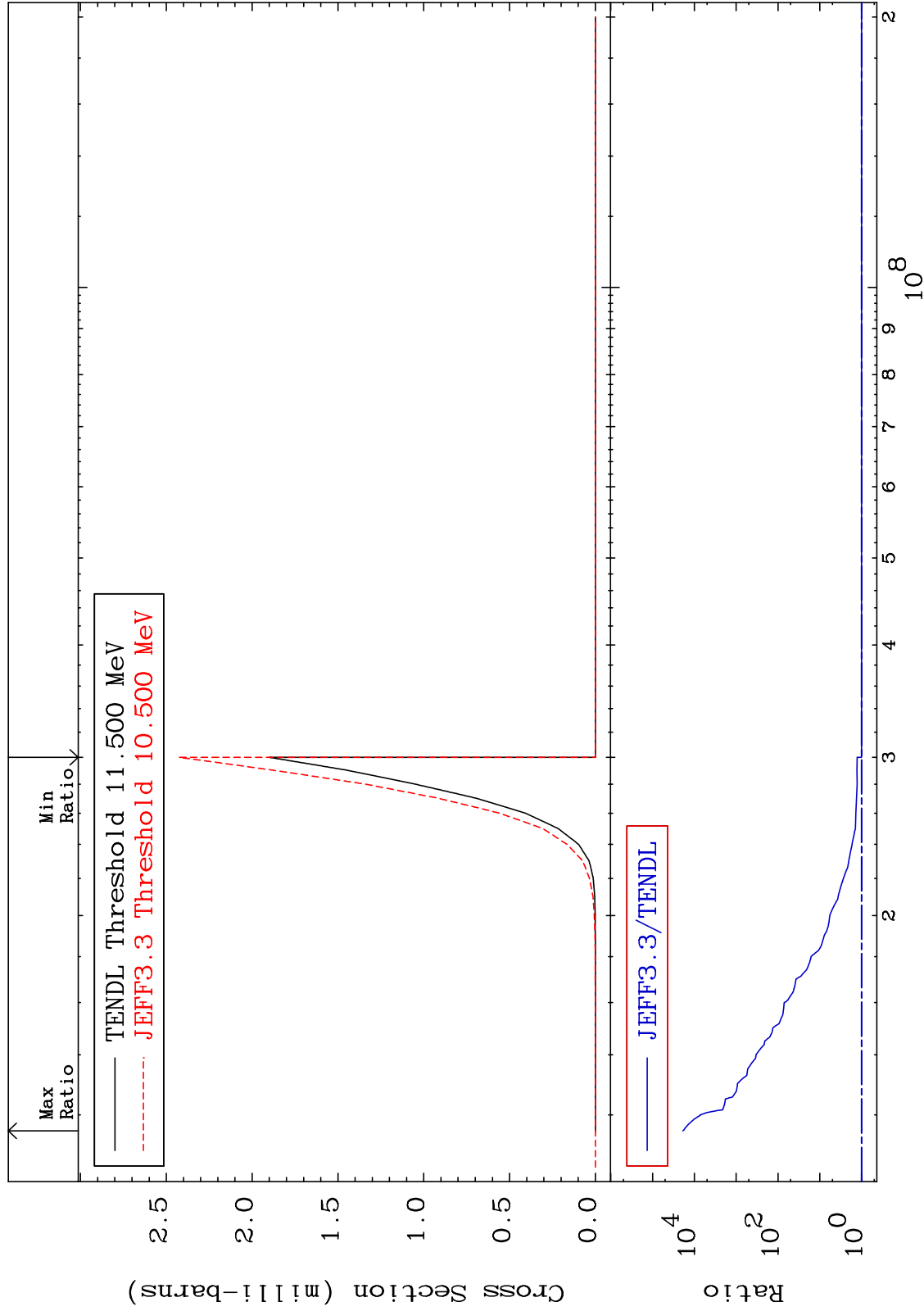
76-0s-188

MAT 7637

(n,2n) α :74-W -183m7

76-0s-188

Radionuclide Production Cross Section 0.000 To 9999. %



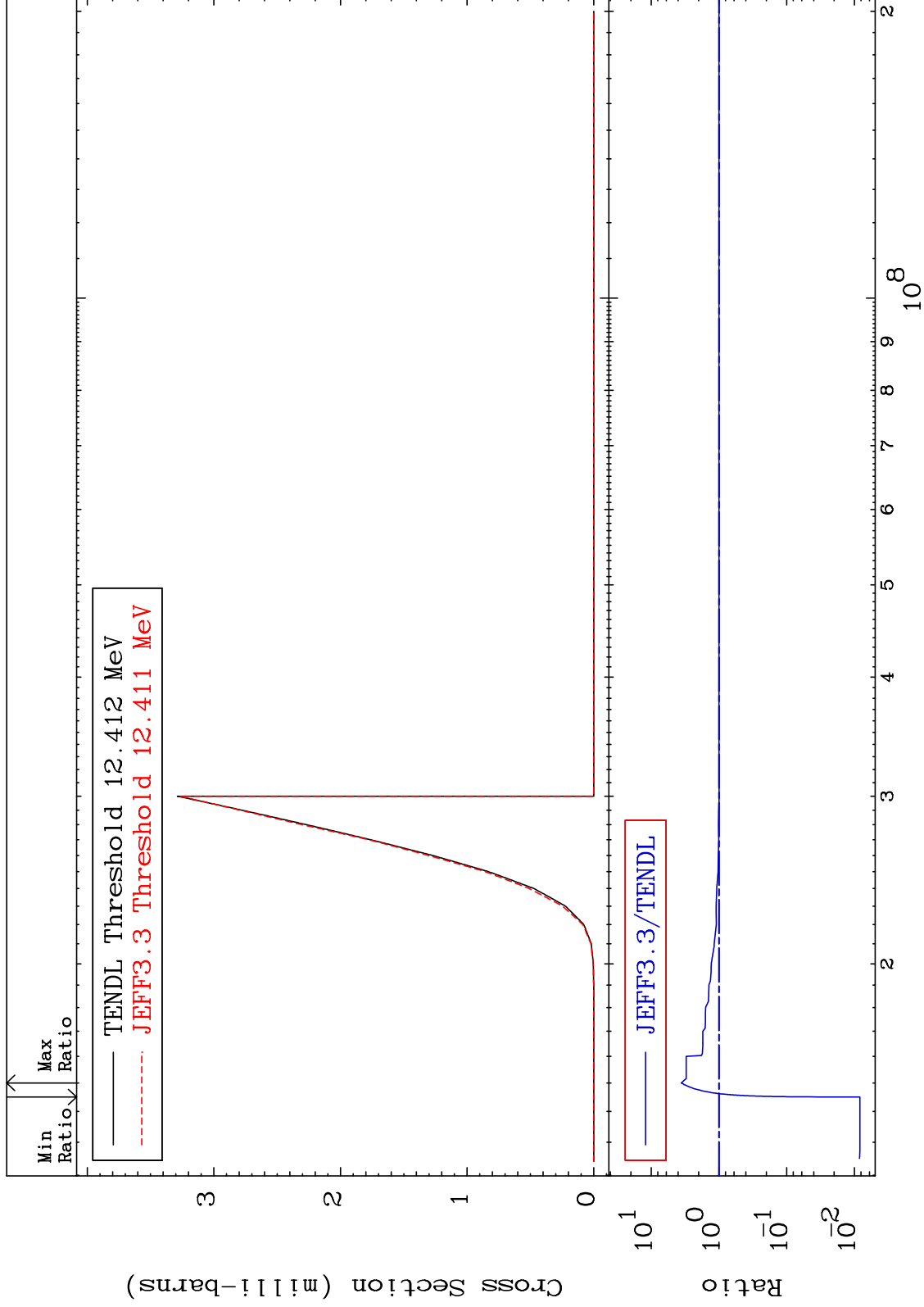
MAT 7637

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

76-0s-188

Radionuclide Production Cross Section

-99.17 To 260.5 %



80

Incident Energy (eV)

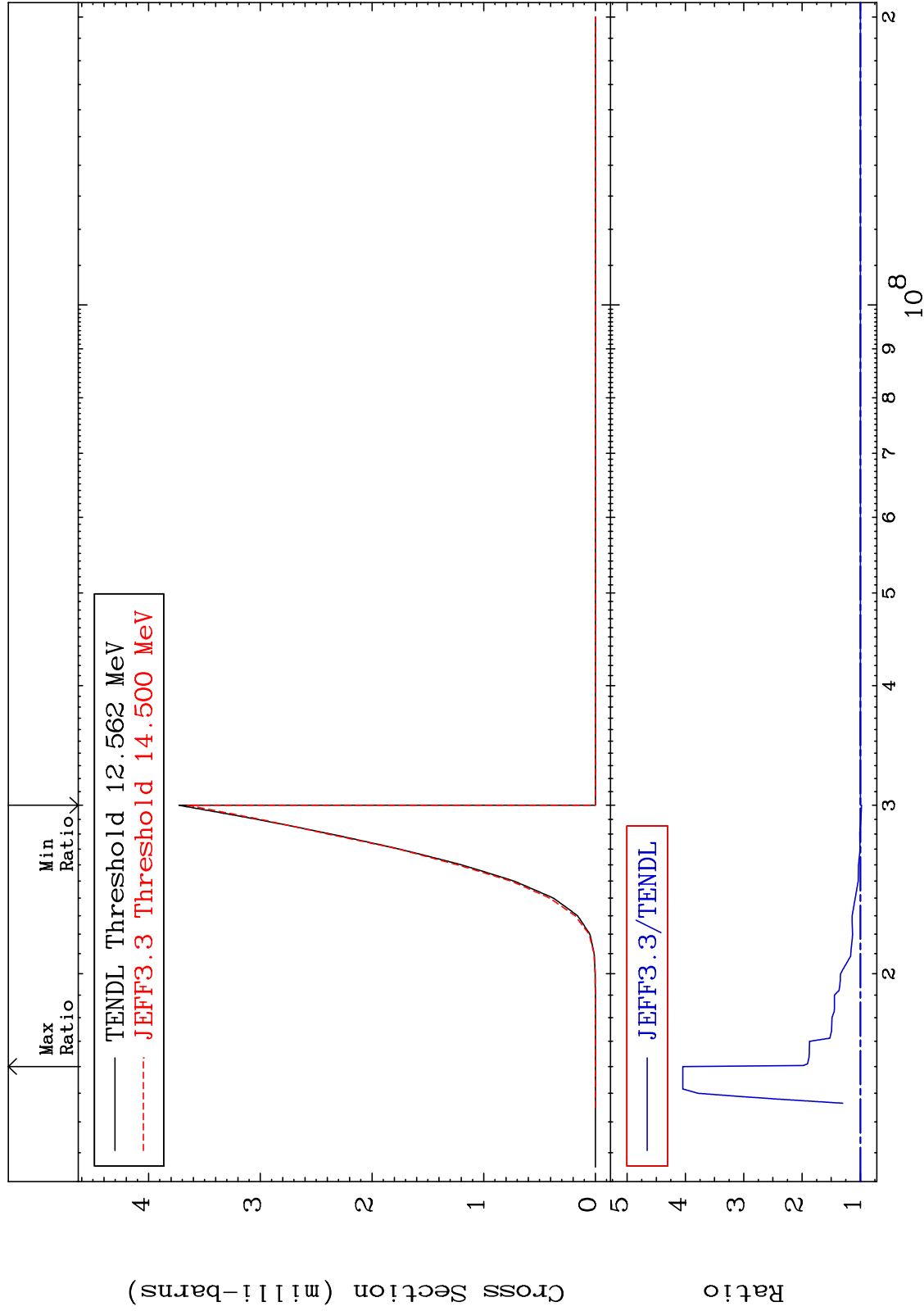
76-0s-188

MAT 7637

(n, n') d:75-Re-186m4

76-0s-188

Radionuclide Production Cross Section -2.052 To 304.4 %

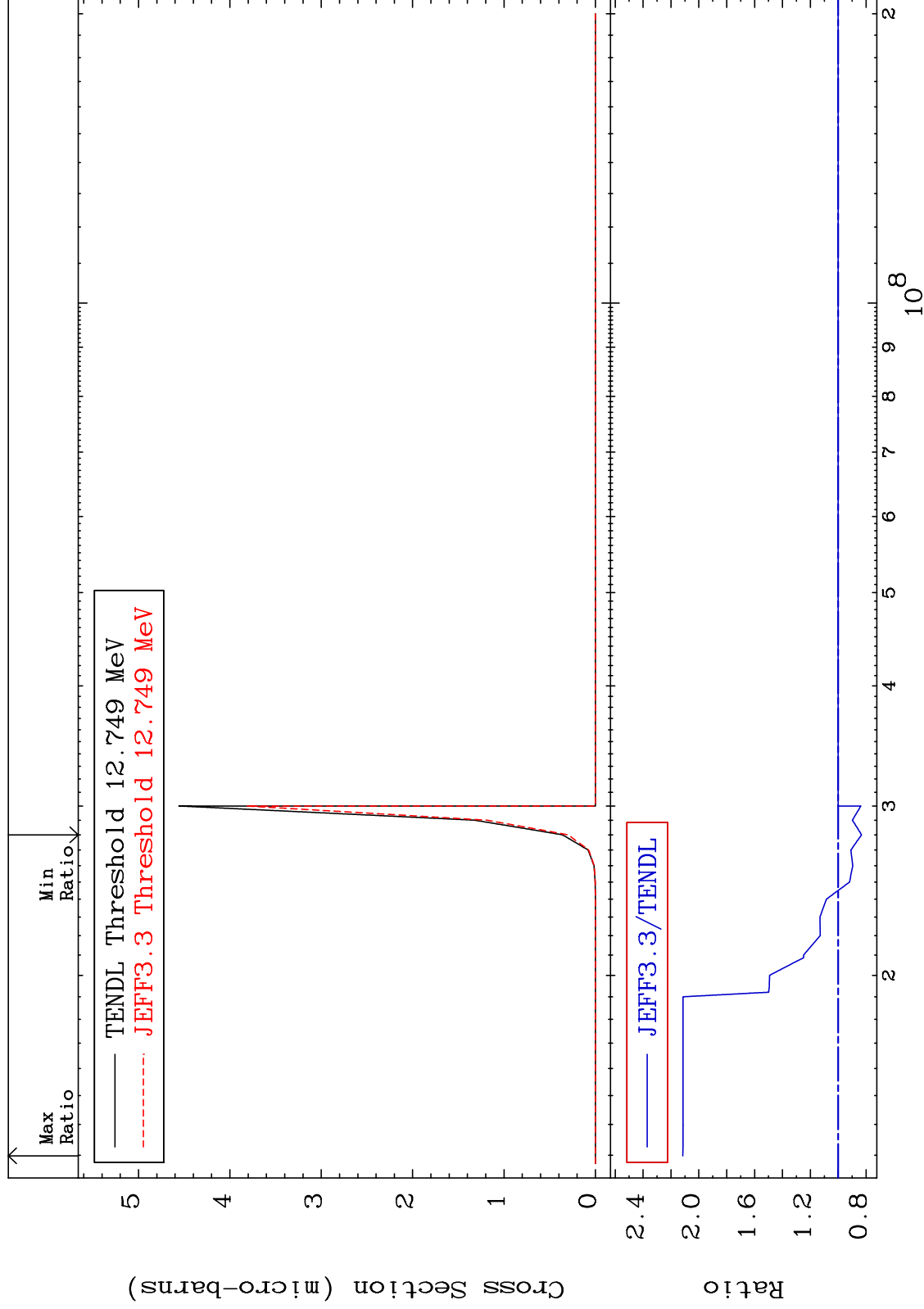


MAT 7637

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

76-0s-188

Radionuclide Production Cross Section -16.73 To 111.5 %

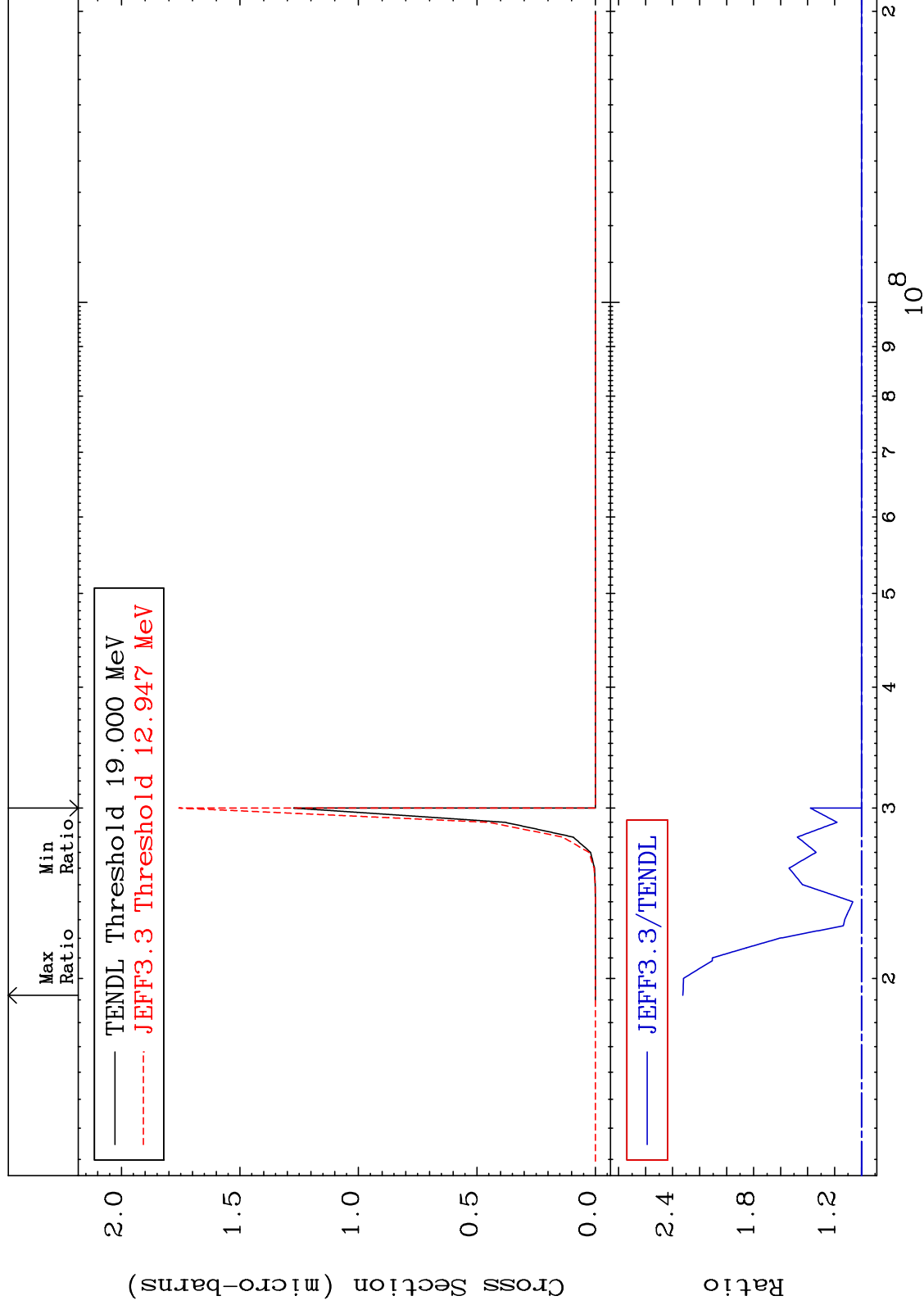


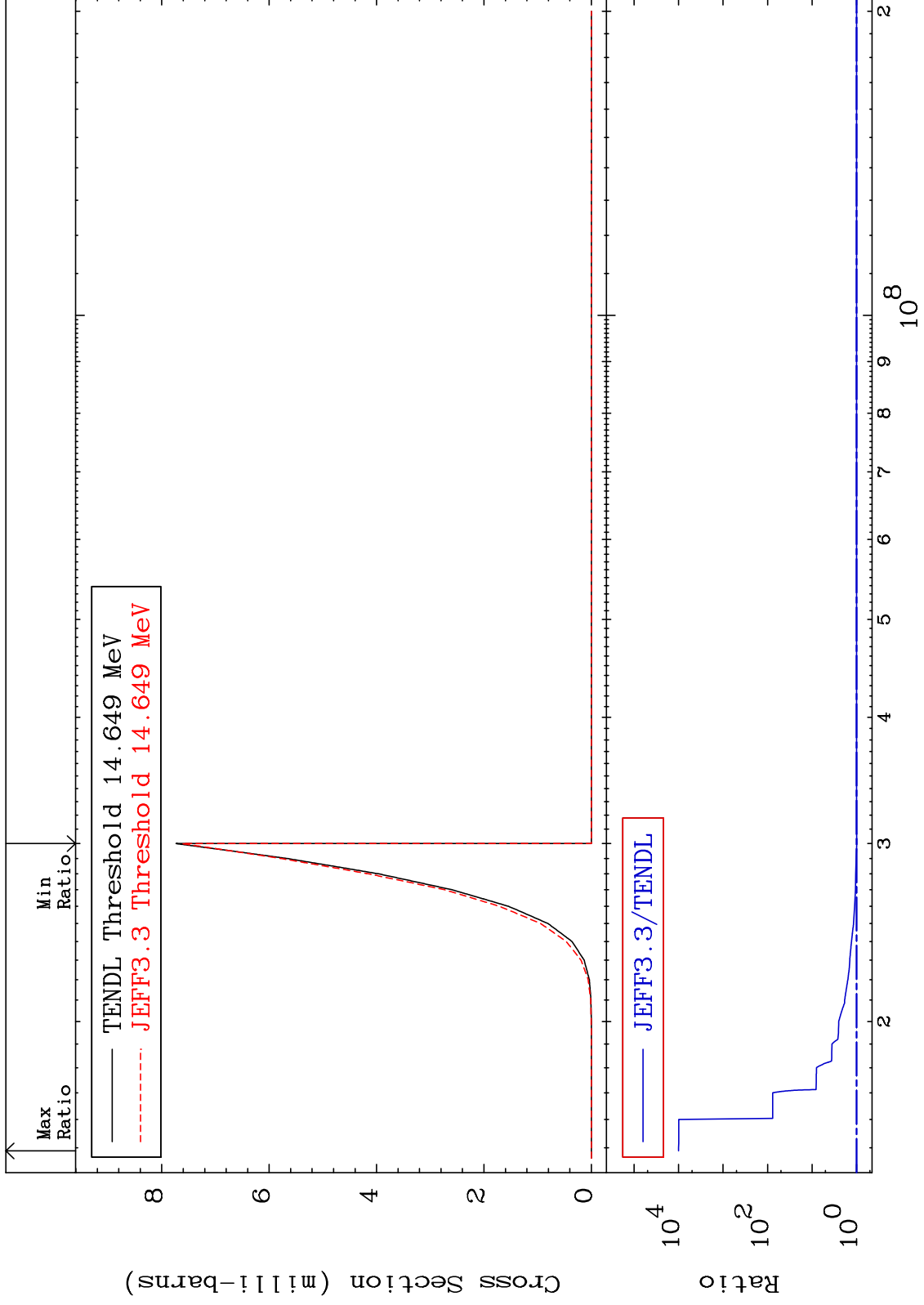
MAT 7637

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

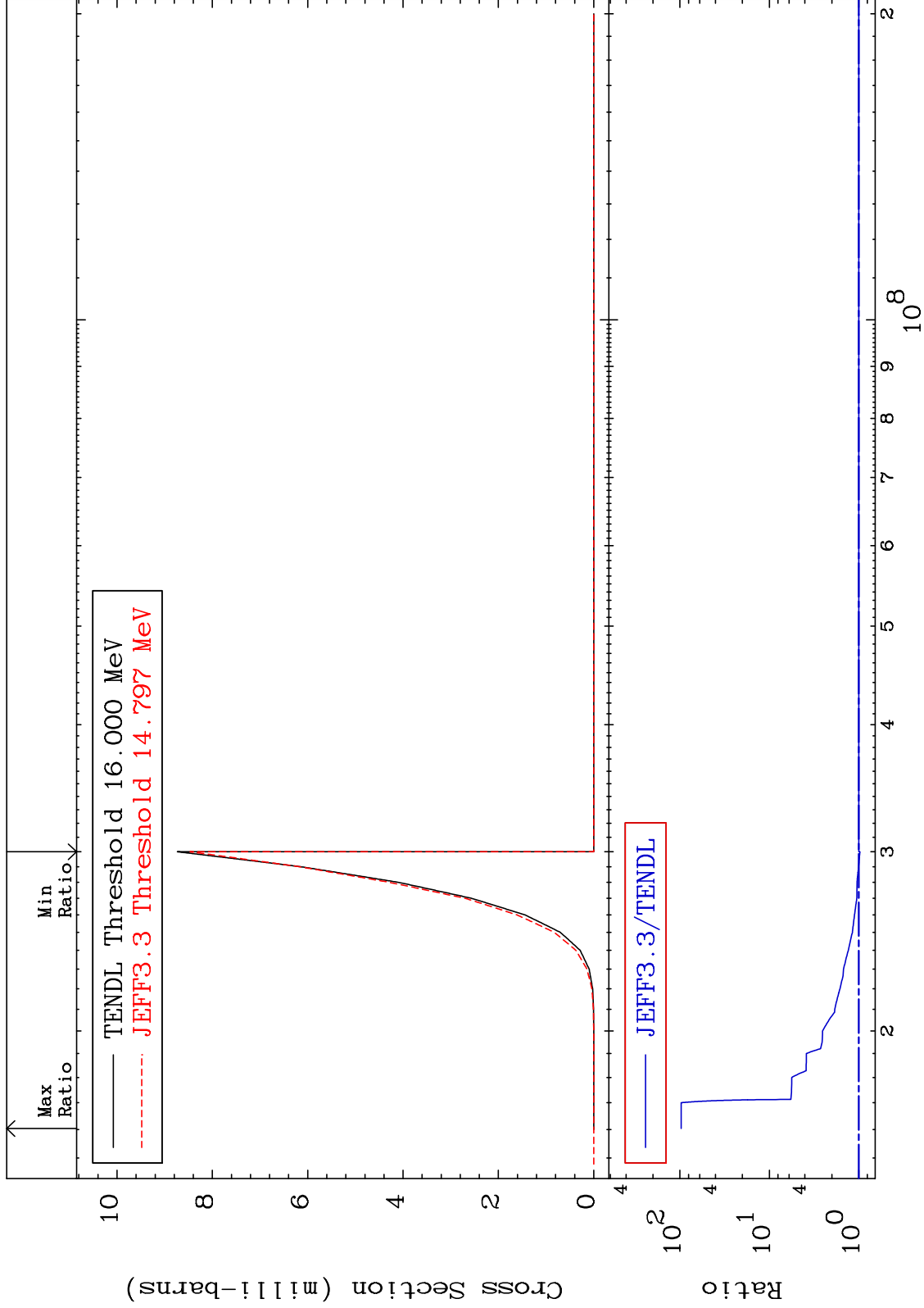
76-0s-188

Radionuclide Production Cross Section 0.000 To 132.4 %





Radionuclide Production Cross Section -3.027 To 9575. %



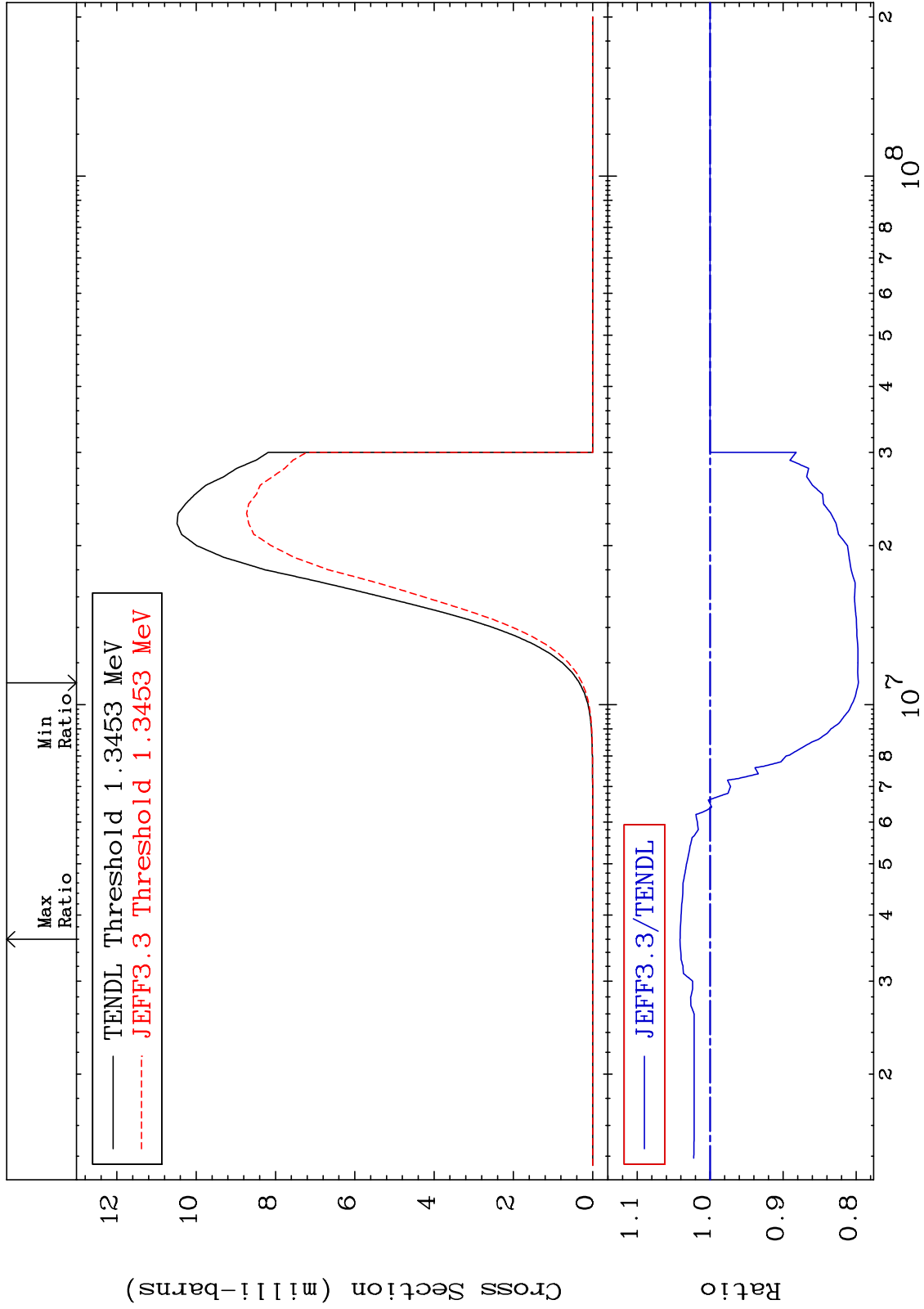
MAT 7637

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

76-0s-188

Radionuclide Production Cross Section

-20.32 To 4.125 %

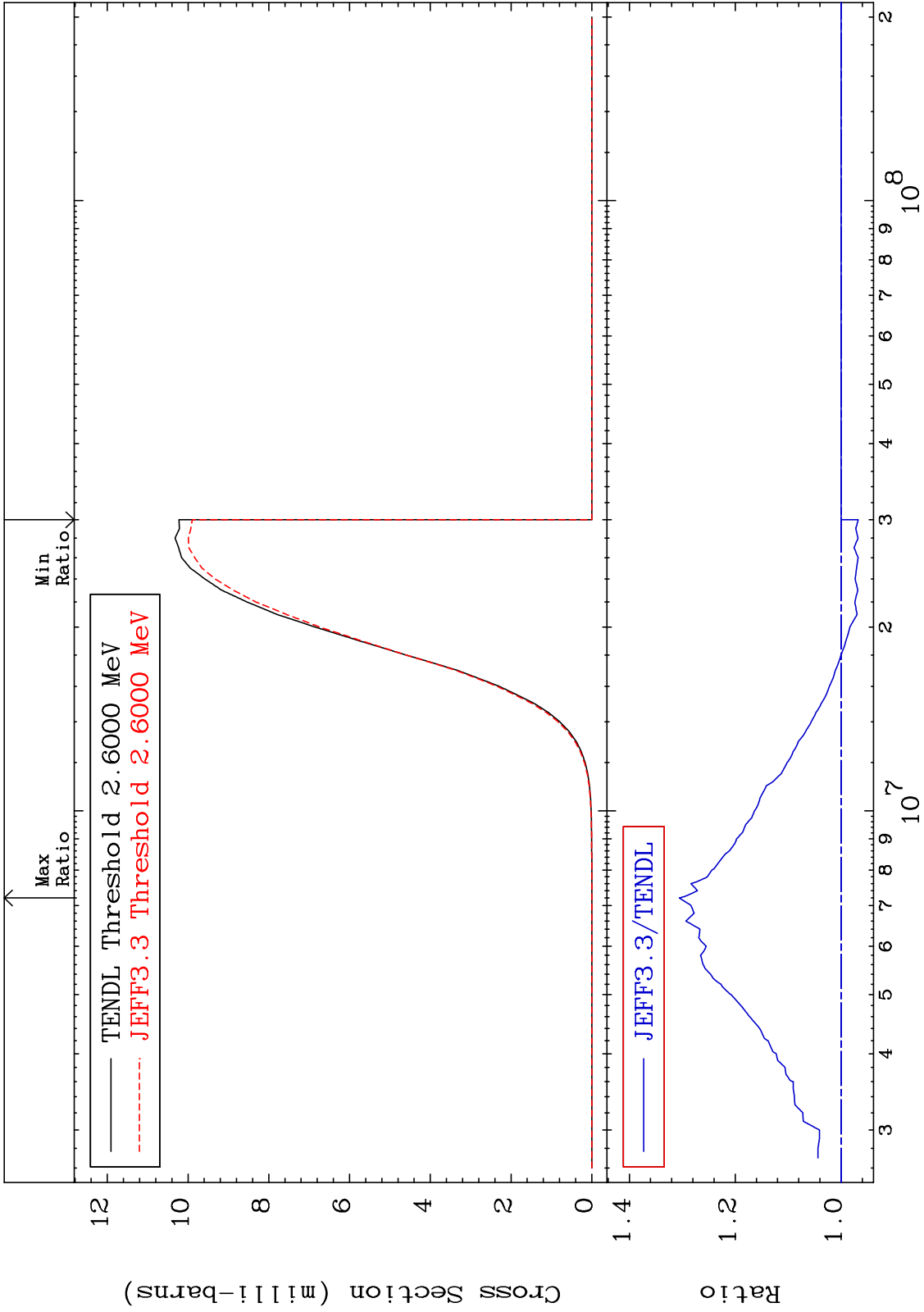


MAT 7637

(n, p) : 75-Re-188m7

76-0s-188

Radionuclide Production Cross Section -3.239 To 30.55 %



87

Incident Energy (eV)

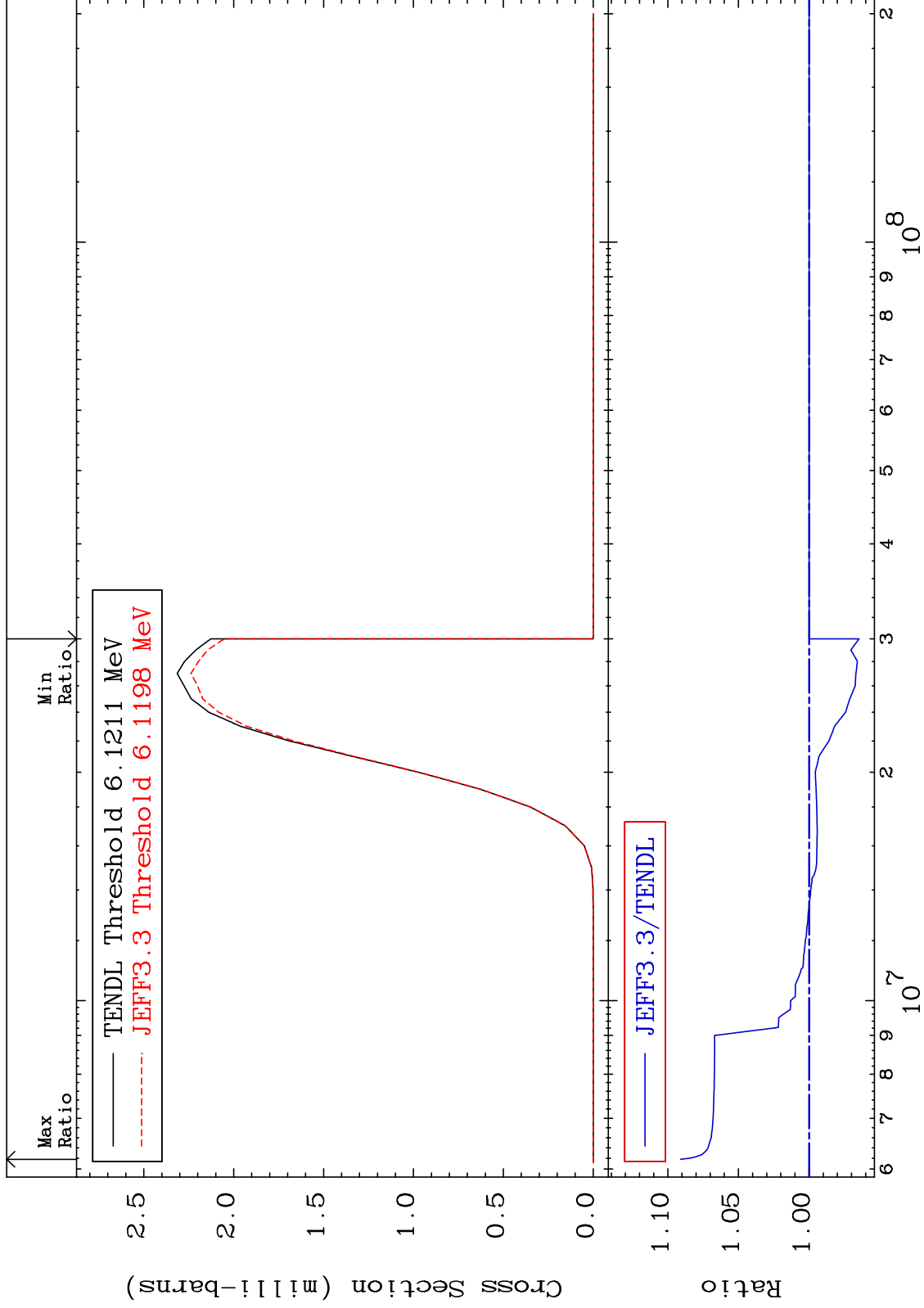
76-0s-188

MAT 7637

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

76-0s-188

Radionuclide Production Cross Section -3.542 To 9.092 %



88

Incident Energy (eV)

76-0s-188

MAT 7637

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

76-Os-188

Radionuclide Production Cross Section -4.198 To 44.83 %

