

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

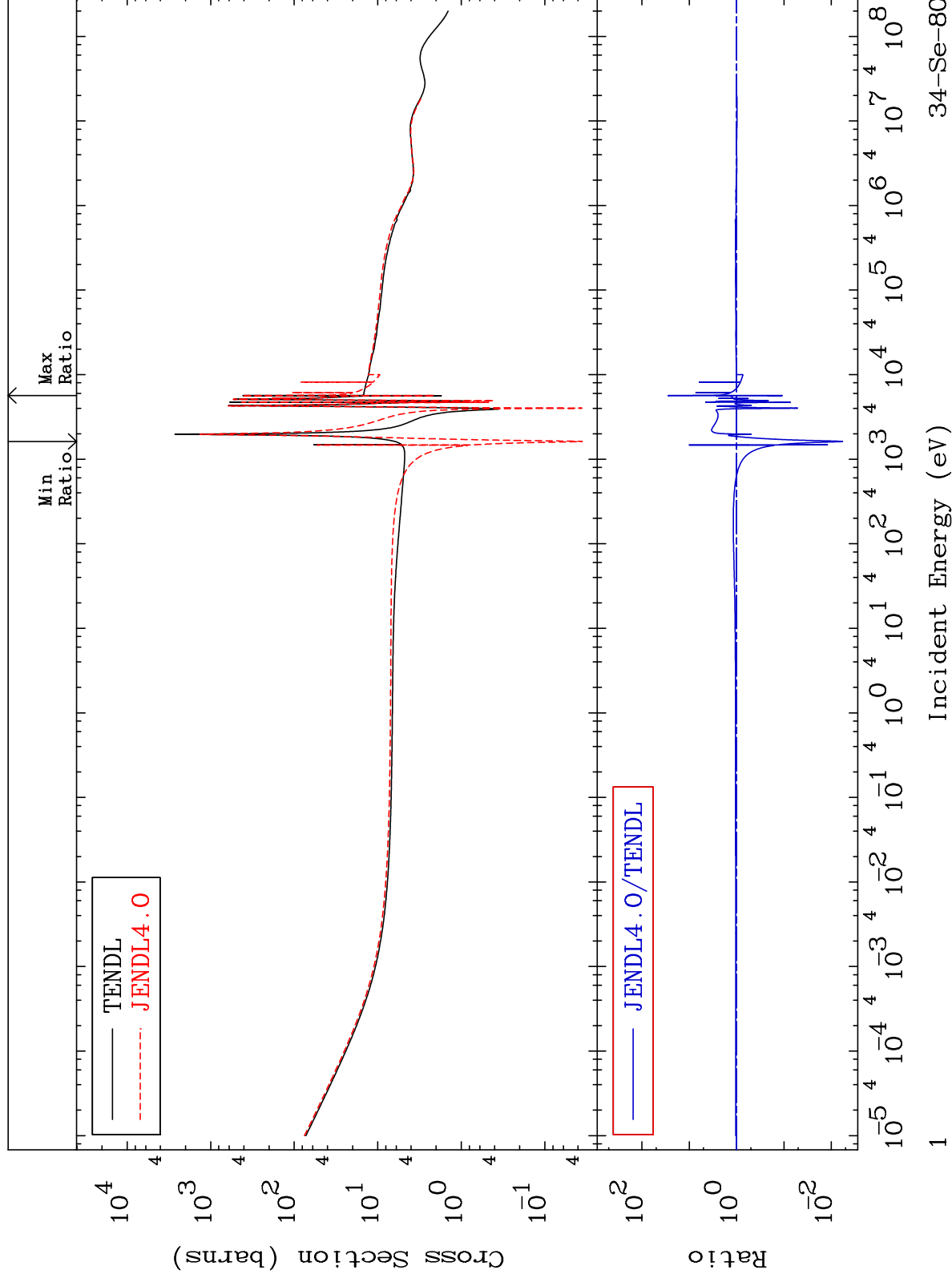
MAT 3443

Total

34-Se-80

Cross Section

-99.43 To 2709. %



34-Se-80

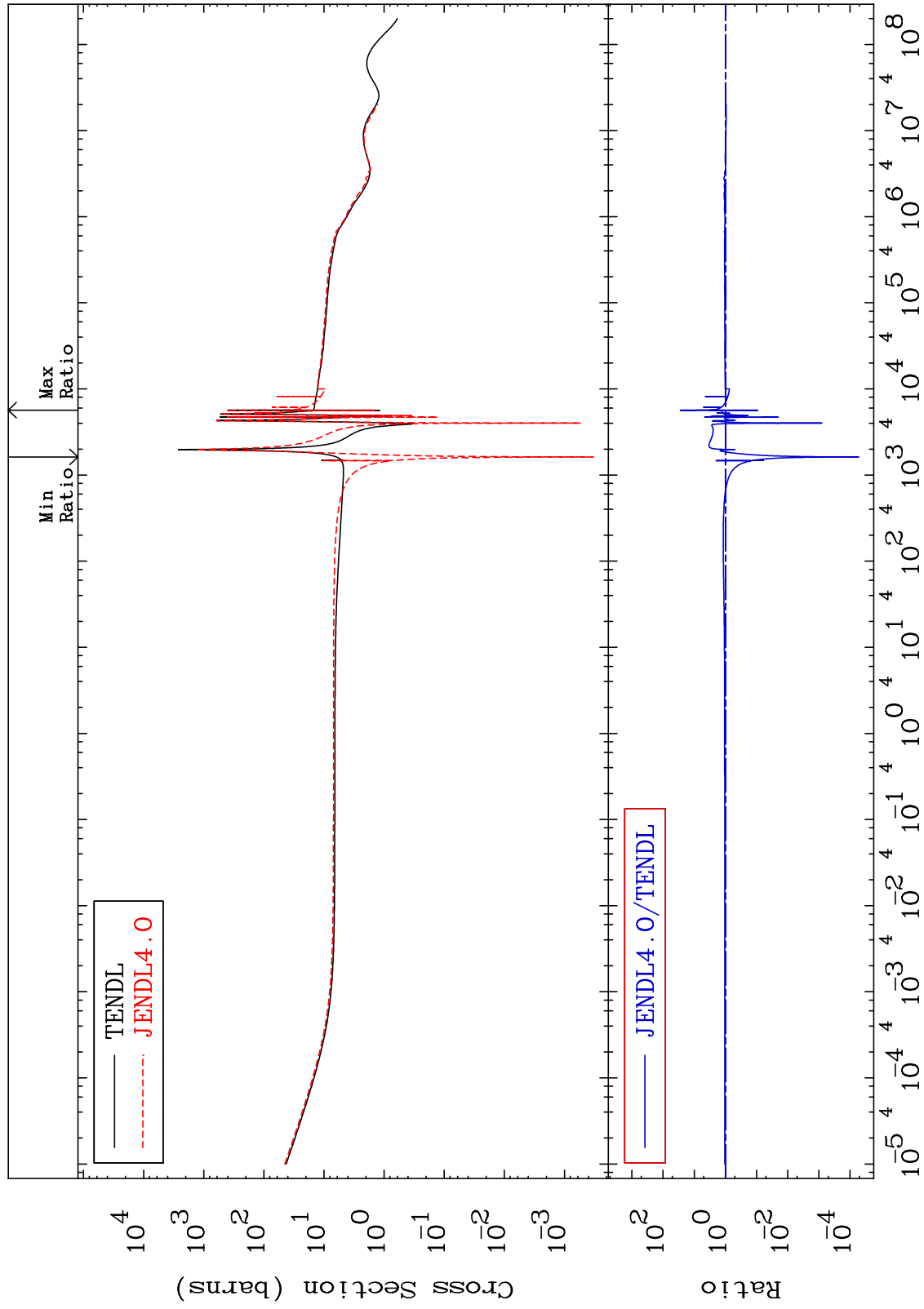
Incident Energy (eV)

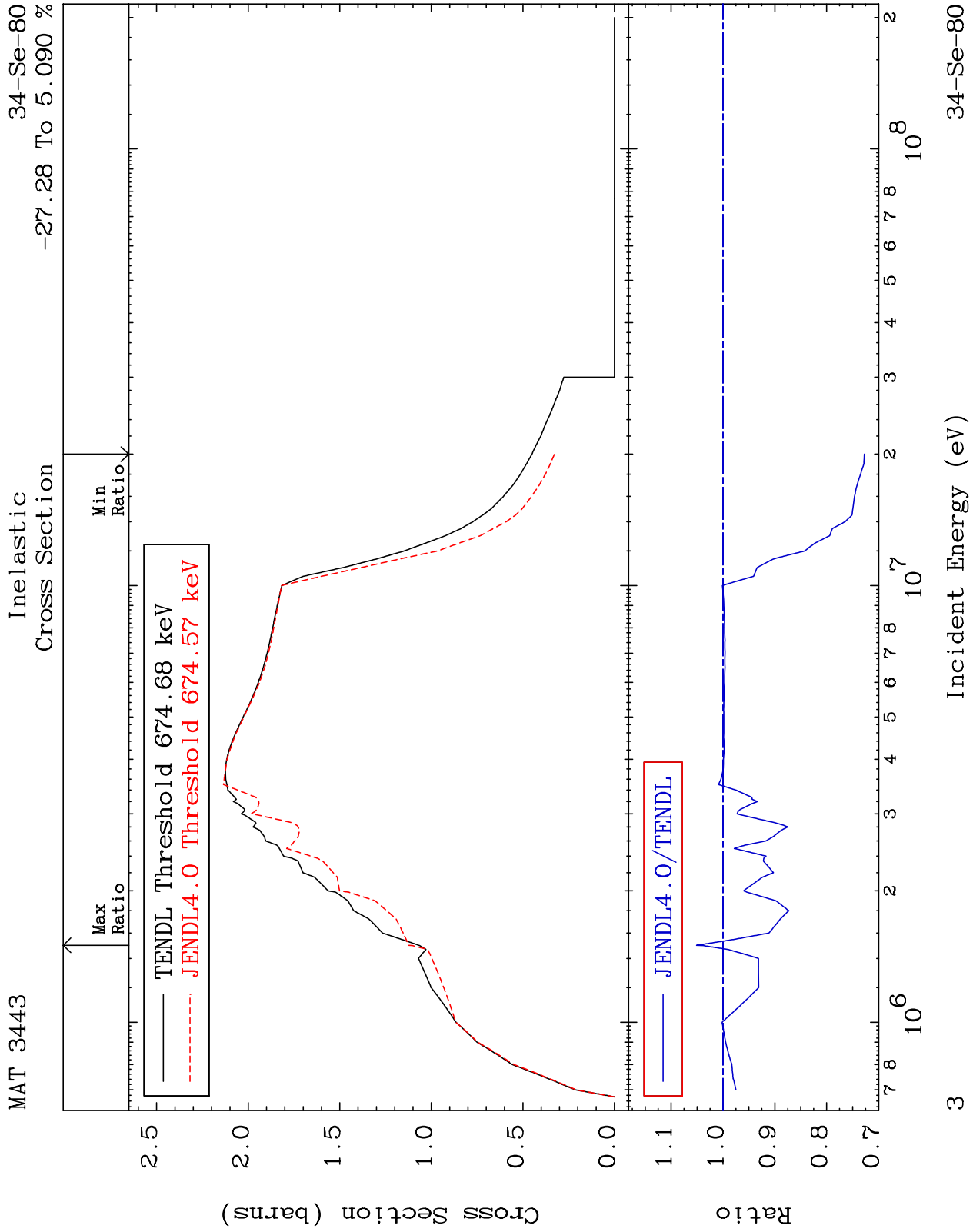
1

MAT 3443

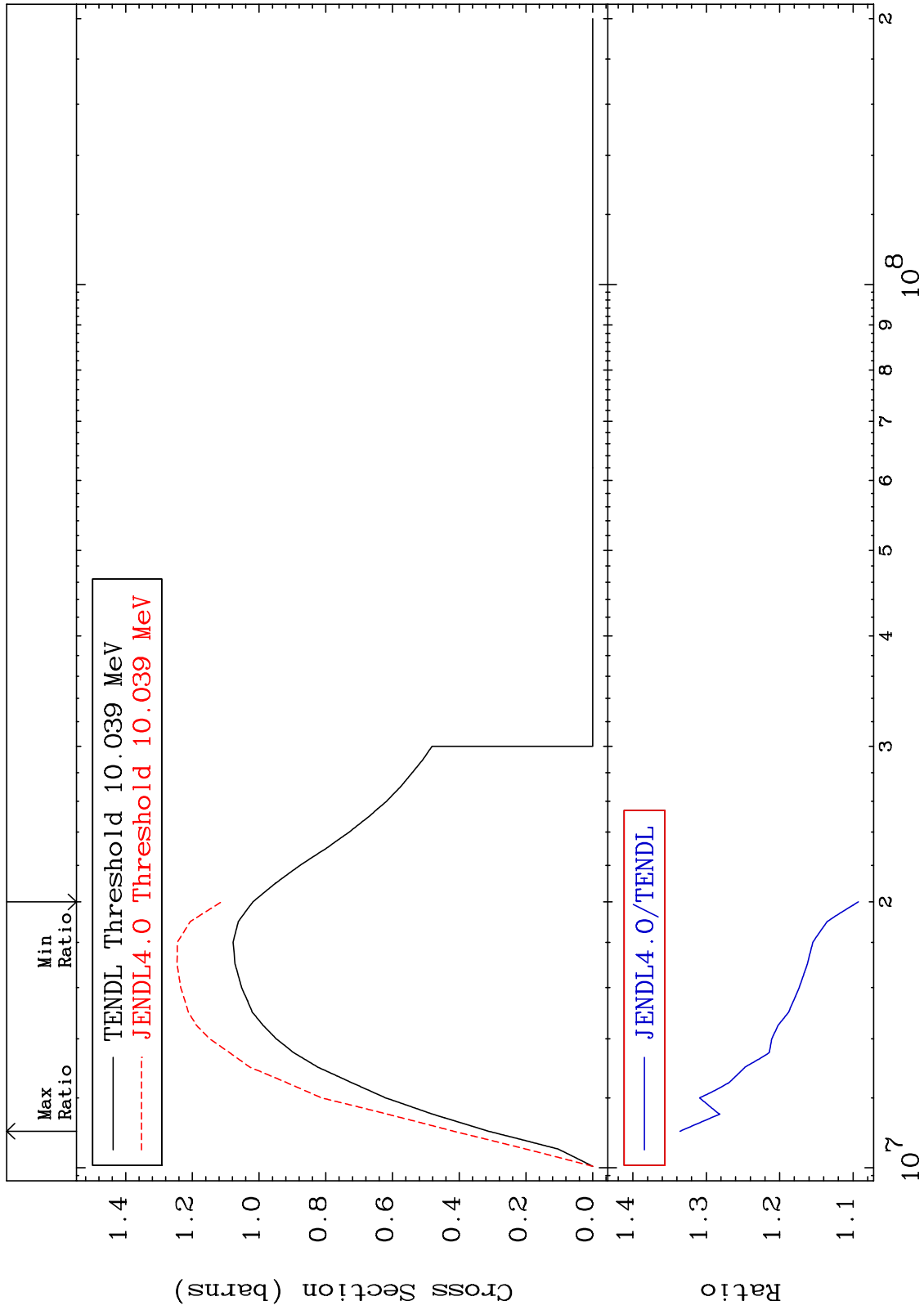
Elastic
Cross Section

34-Se-80
-99.99 To 2664. %





MAT 3443 (n,2n) Cross Section 34-Se-80 9.268 To 33.58 %



Incident Energy (eV) 34-Se-80

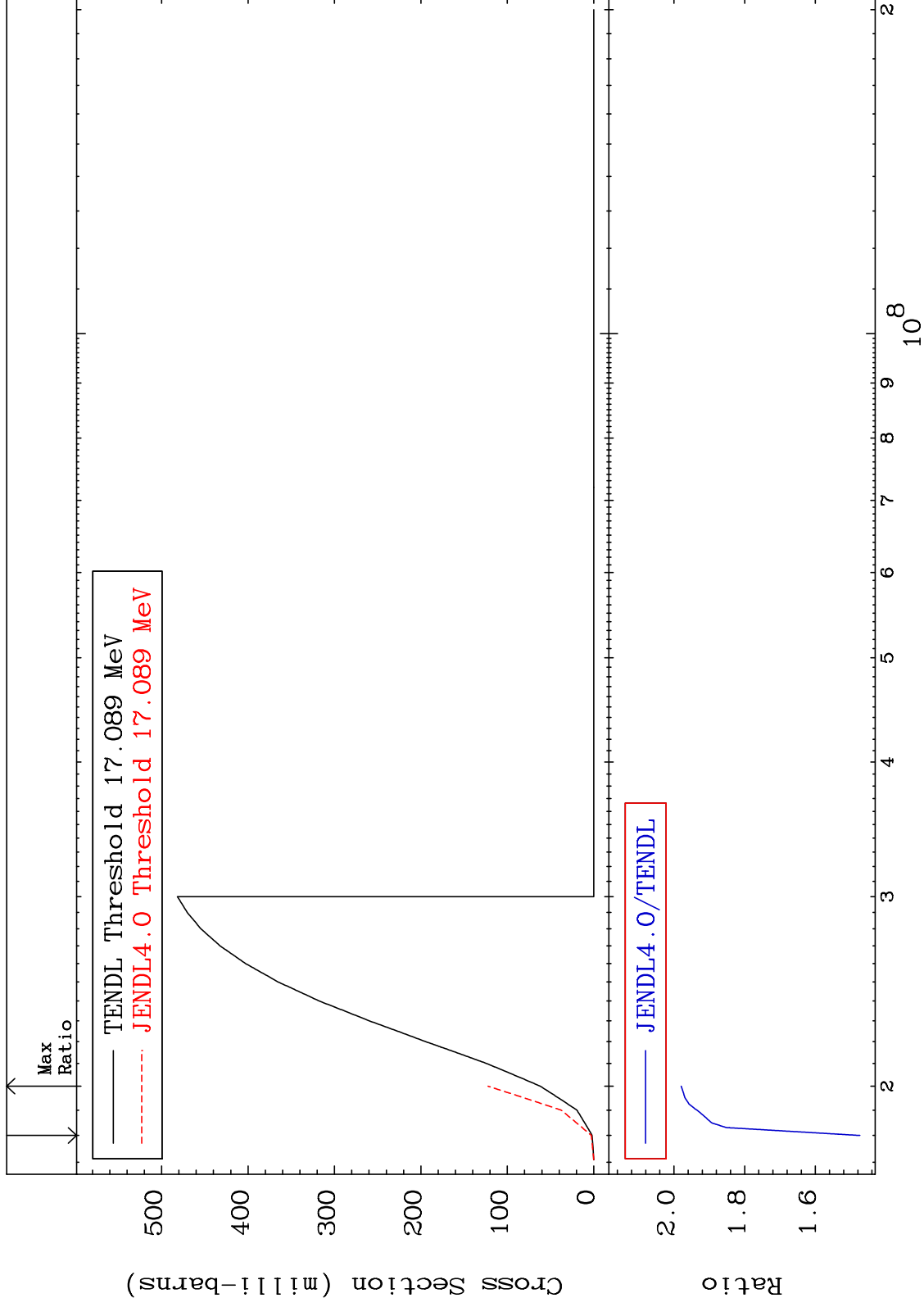
MAT 3443

(n,3n)

34-Se-80

Cross Section

47.41 To 97.94 %



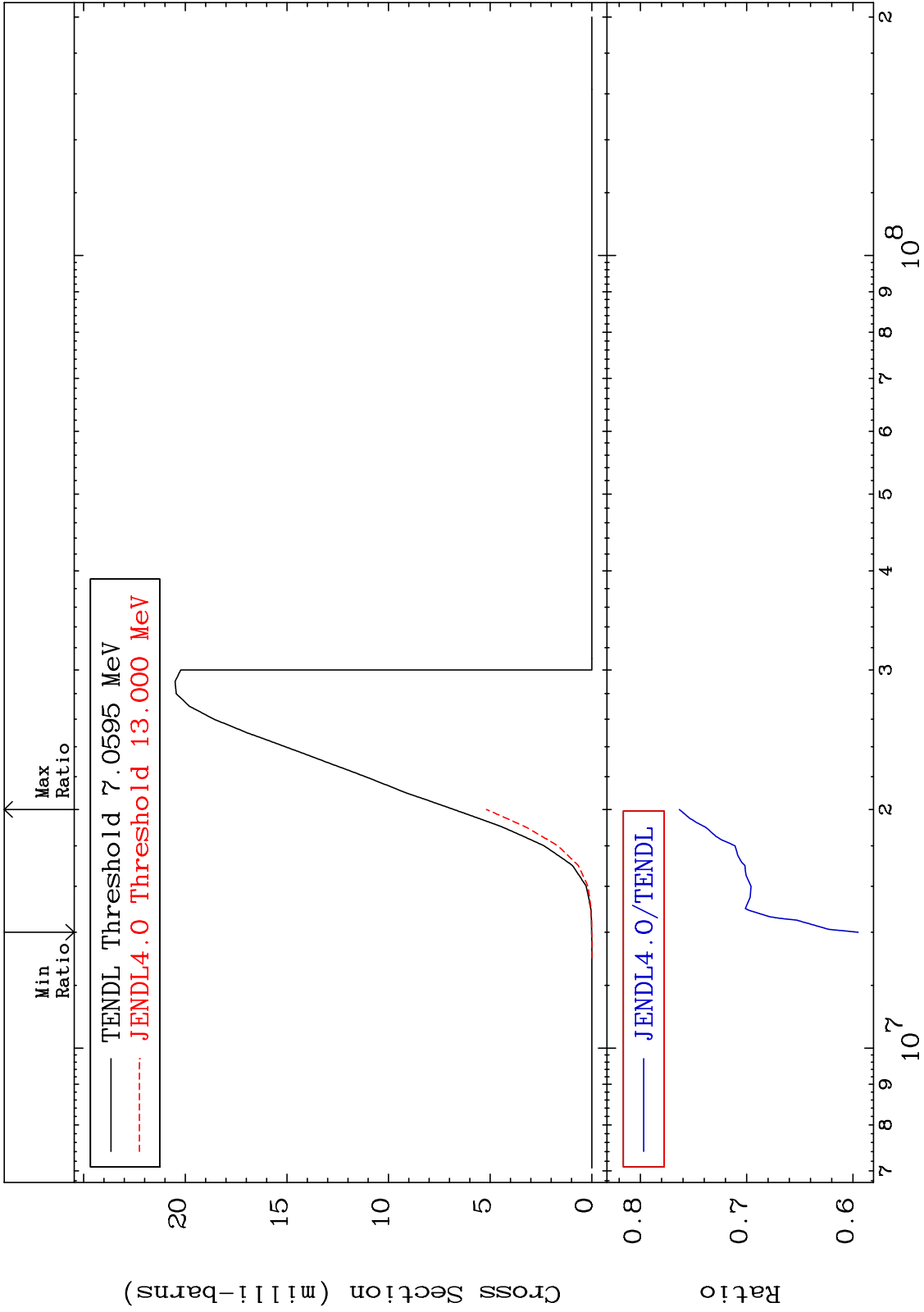
MAT 3443

(n, n') α

34-Se-80

Cross Section

-40.49 To -23.66%



6

Incident Energy (eV)

34-Se-80

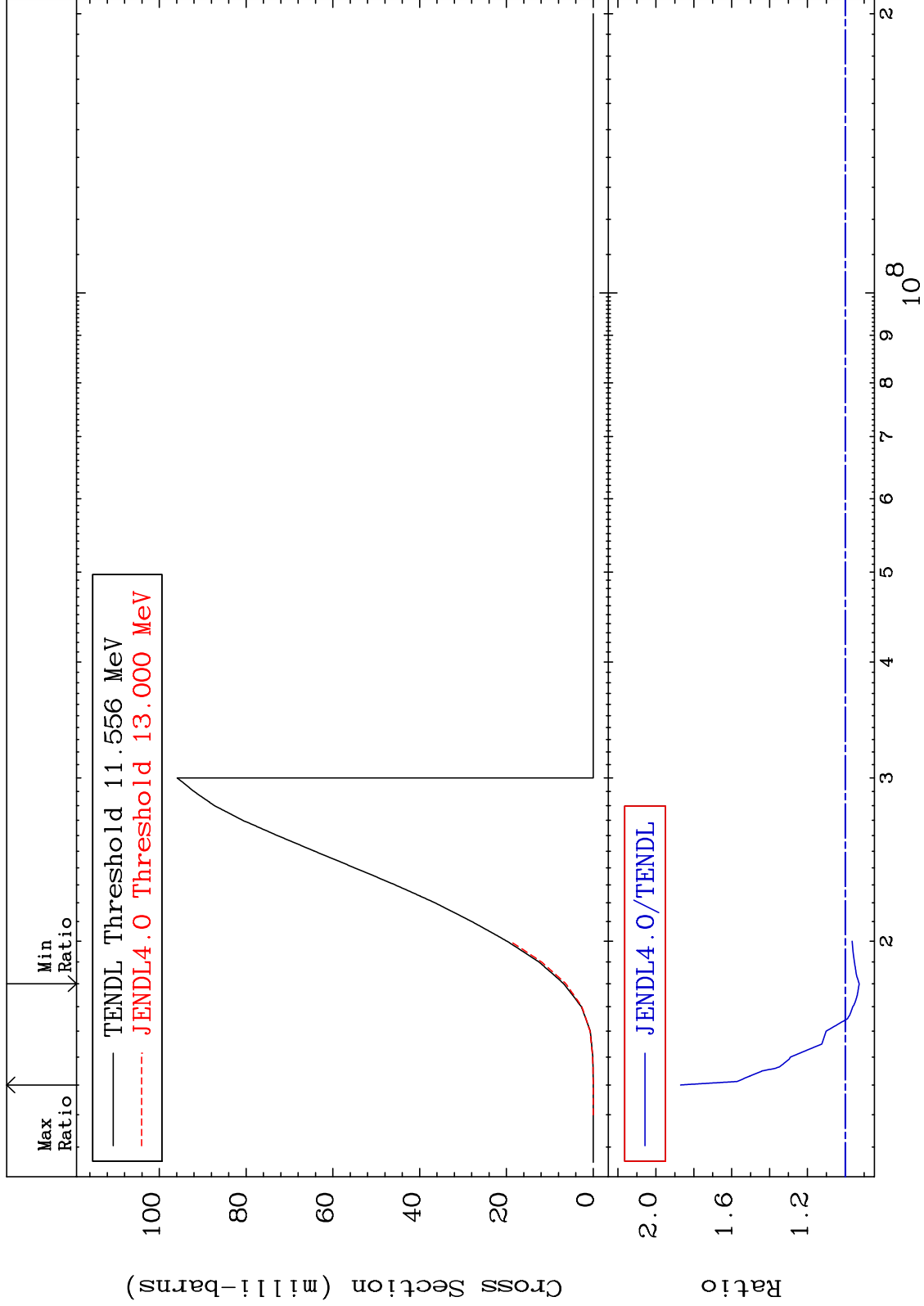
MAT 3443

(n,n') p

³⁴Se-80

Cross Section

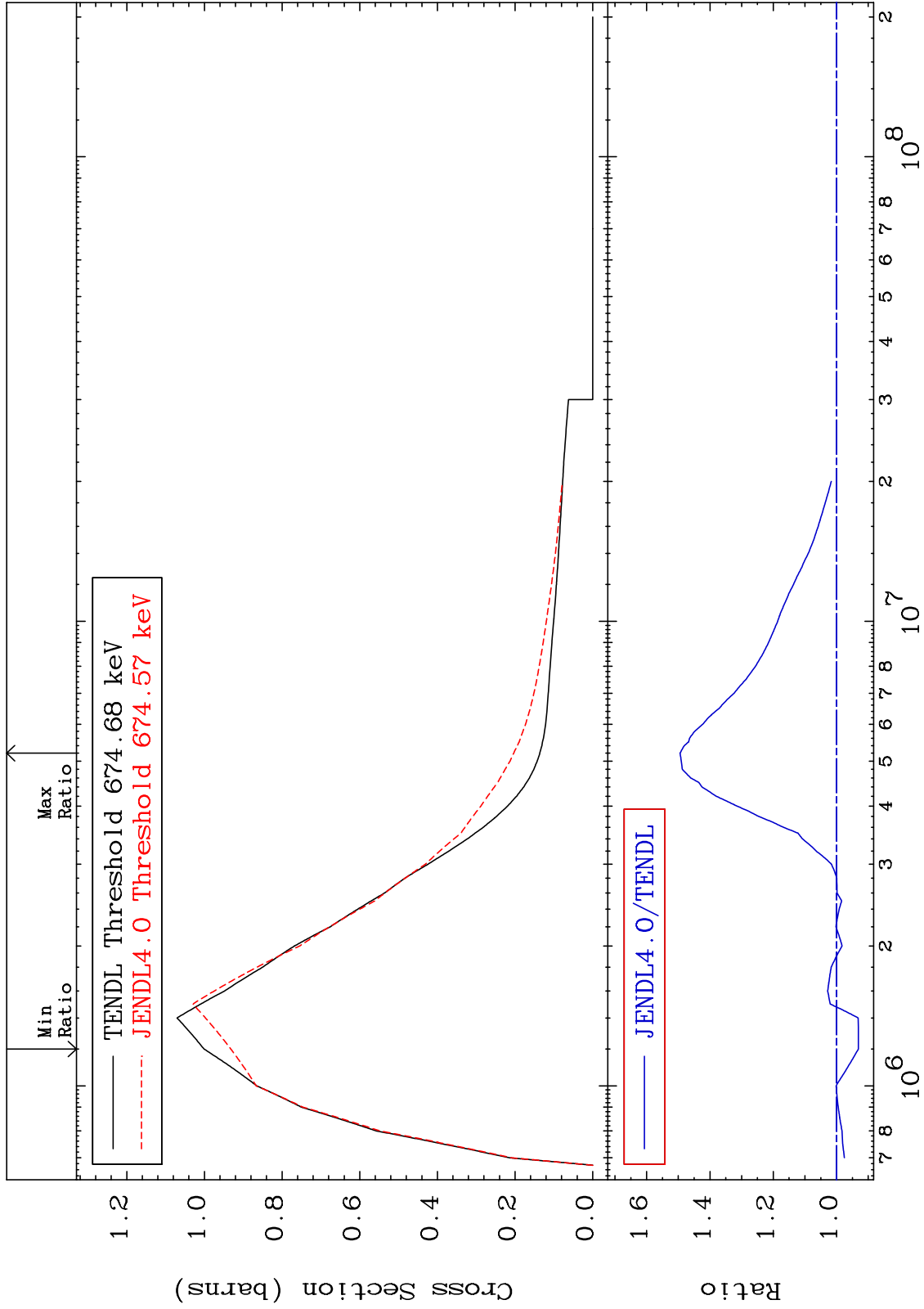
-7.334 To 86.94 %



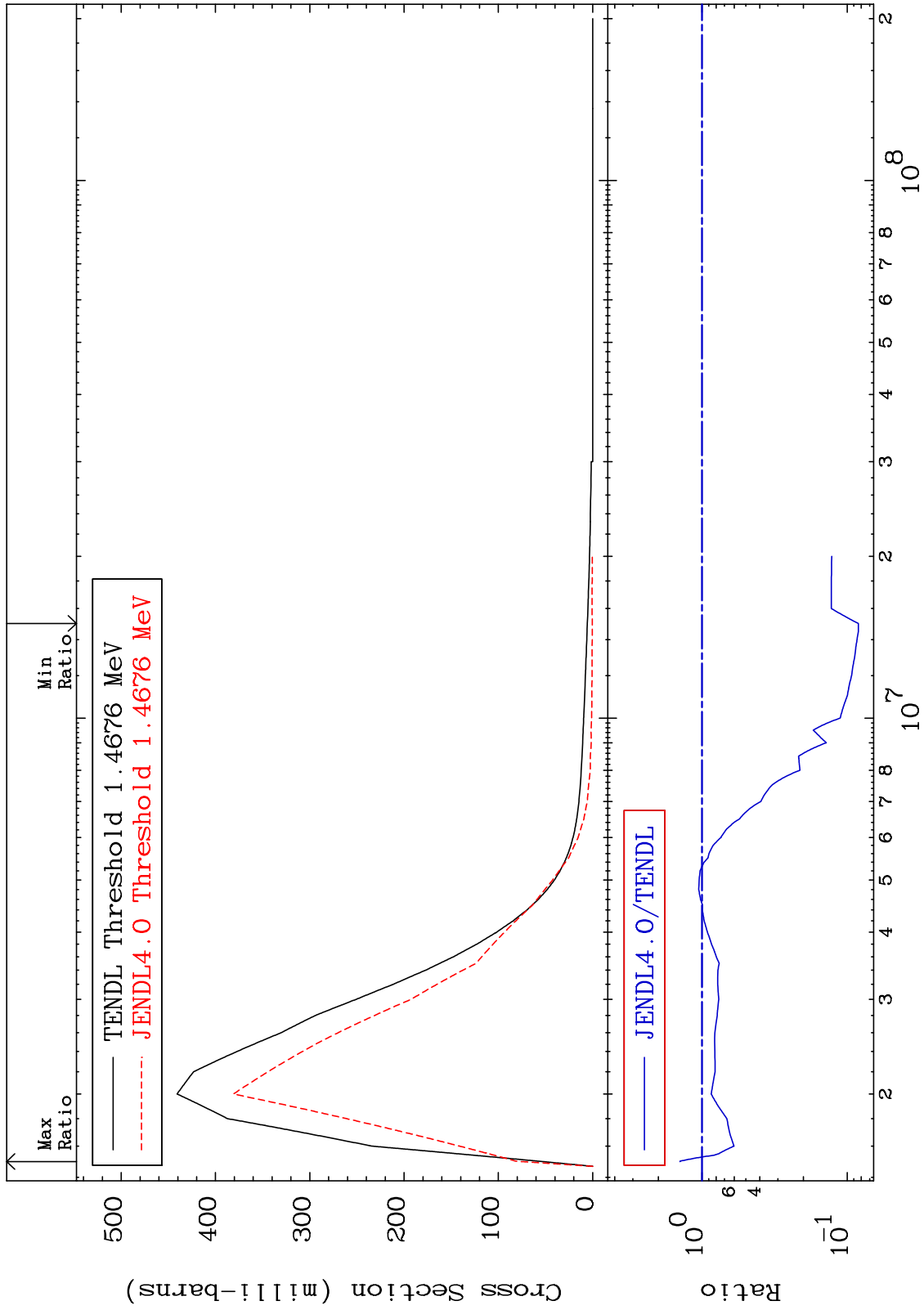
MAT 3443

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

34-Se-80
-6.899 To 49.46 %



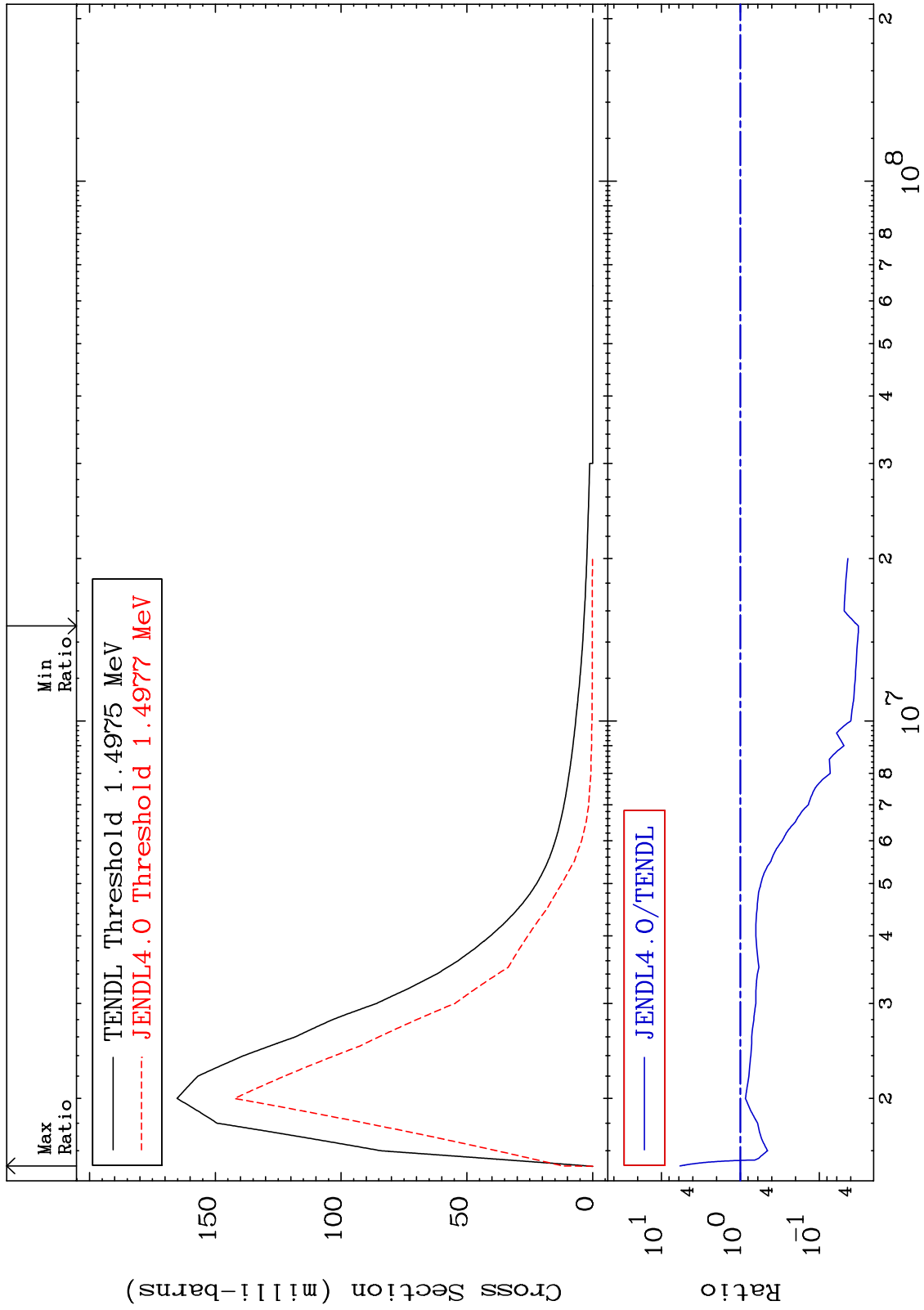
MAT 3443 MT= 52 (n,n') Level Cross Section 34-Se-80 -91.63 To 41.81 %



MAT 3443

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

34-Se-80
-96.80 To 481.4 %

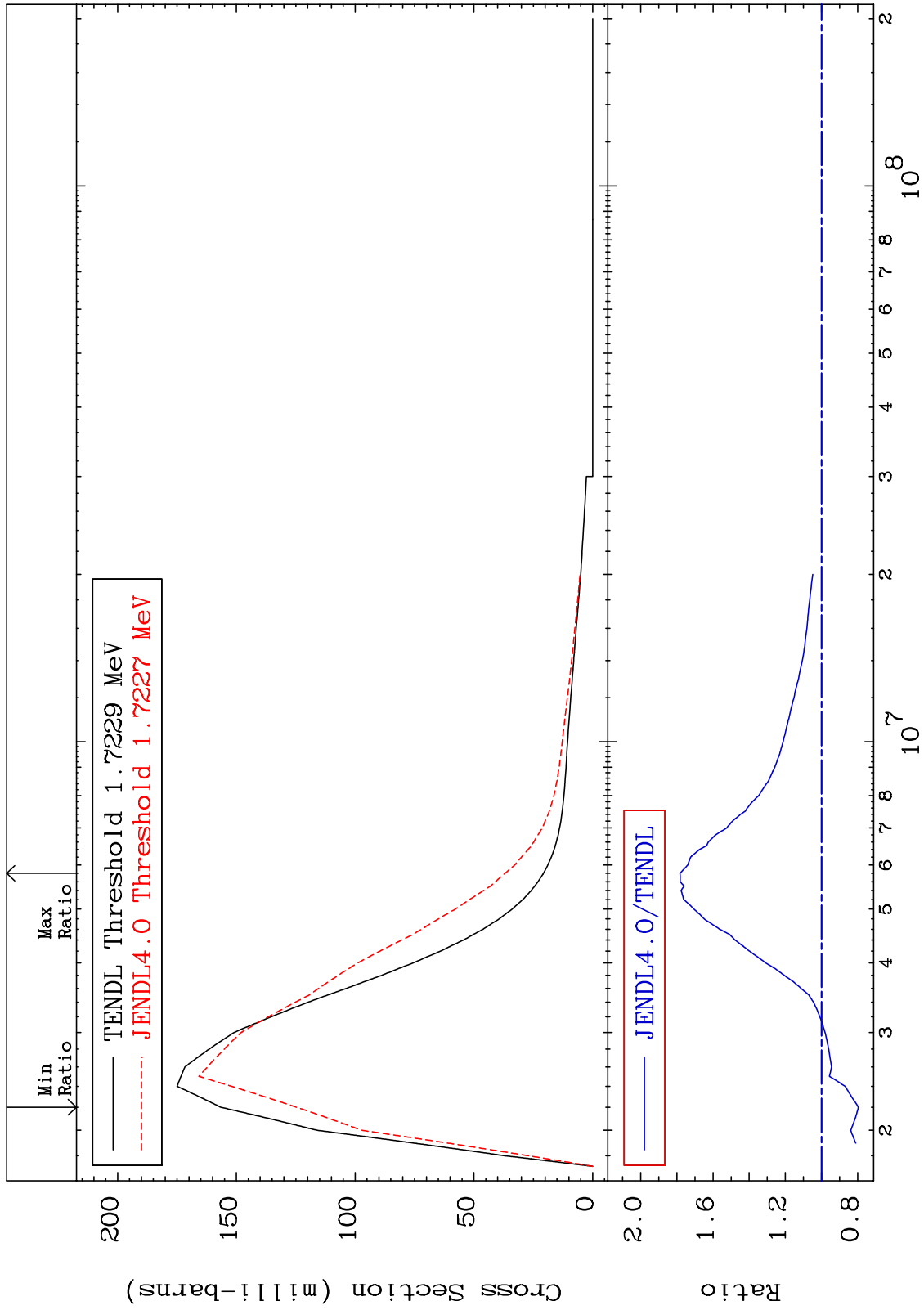


10

Incident Energy (eV)

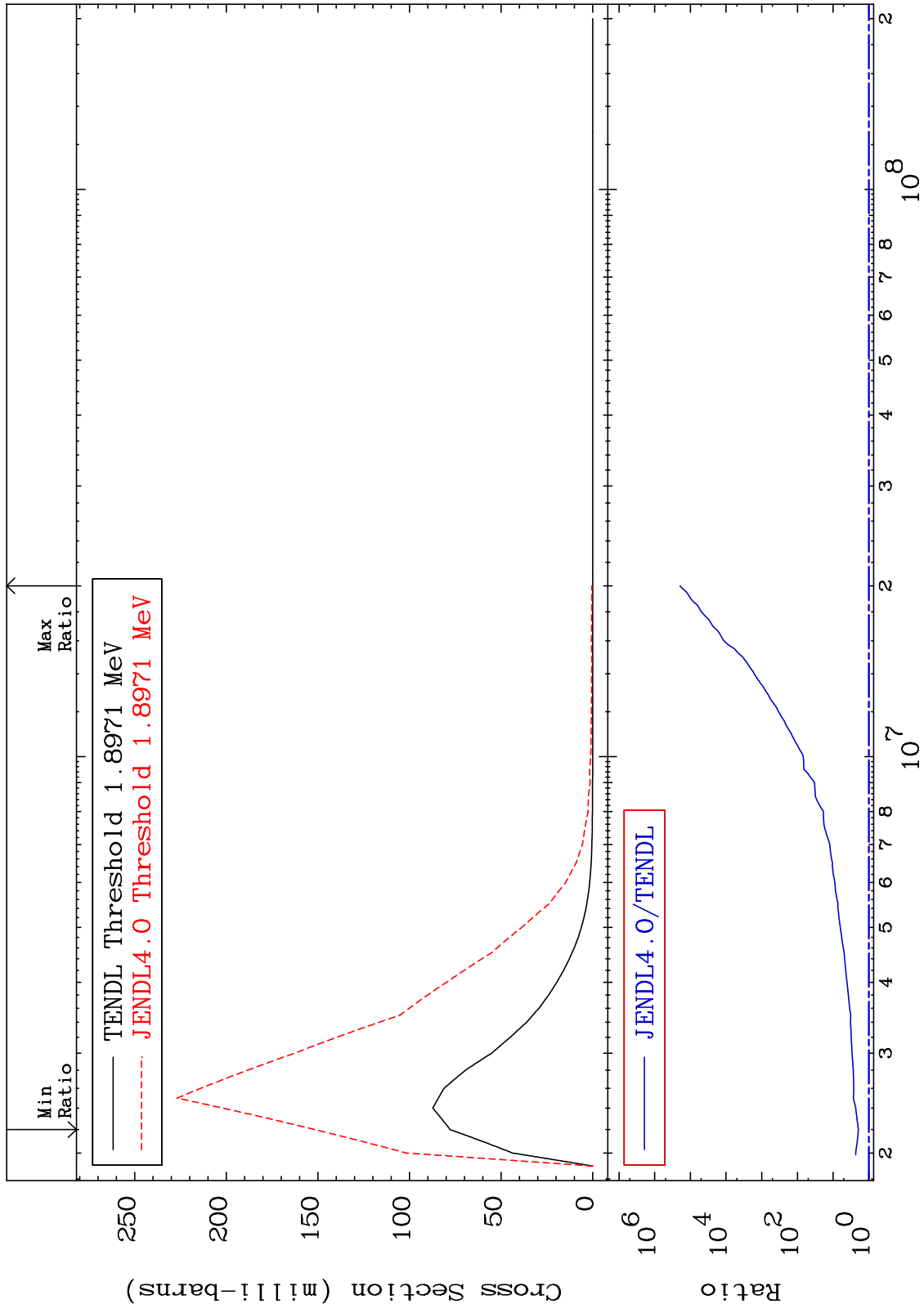
34-Se-80

MAT 3443 MT= 54 (n,n') Level
 Cross Section 34-Se-80
 -20.39 To 78.24 %



34-Se-80

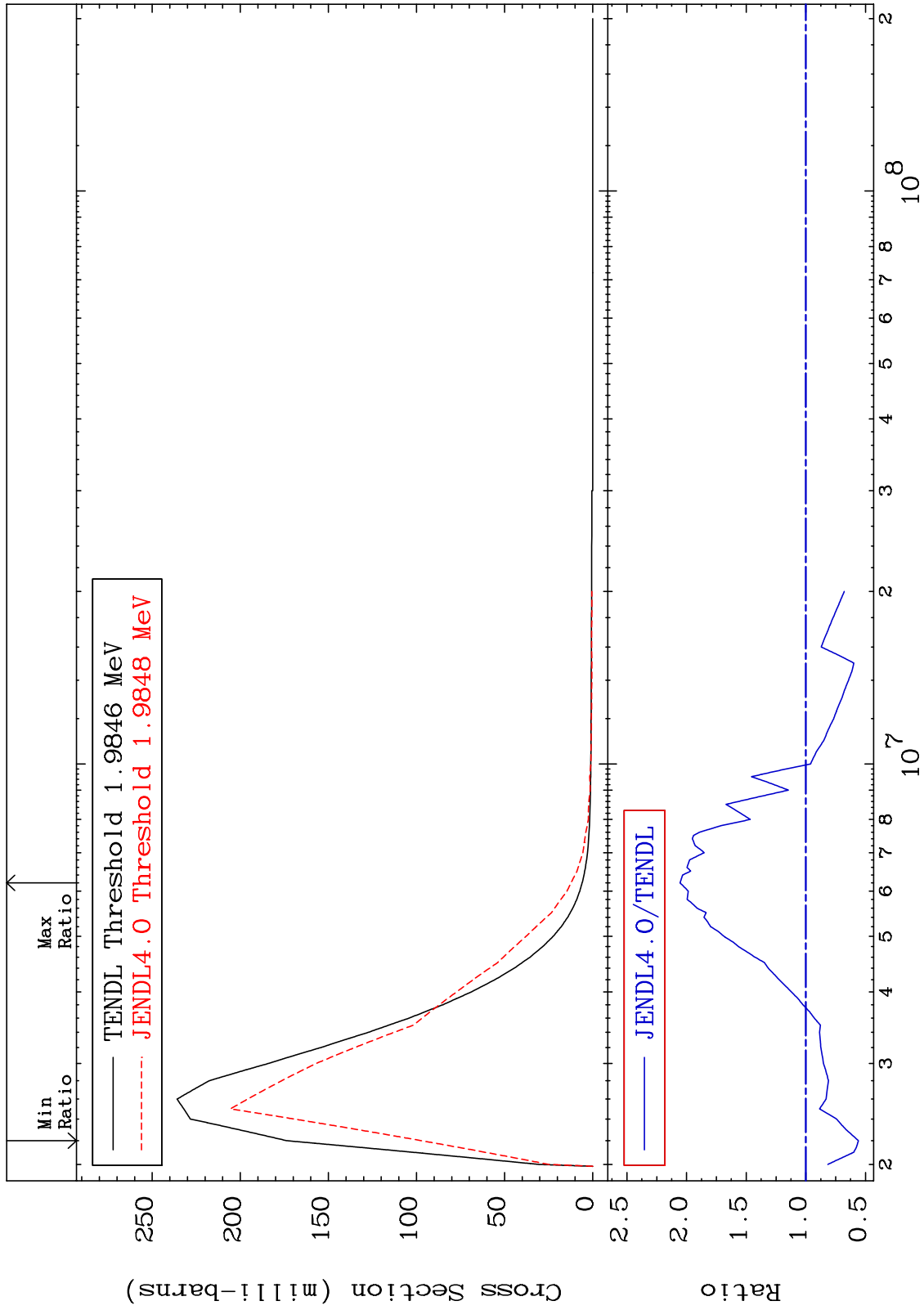
MAT 3443 MT= 55 (n,n') Level Cross Section 34-Se-80 94.96 To 9999. %



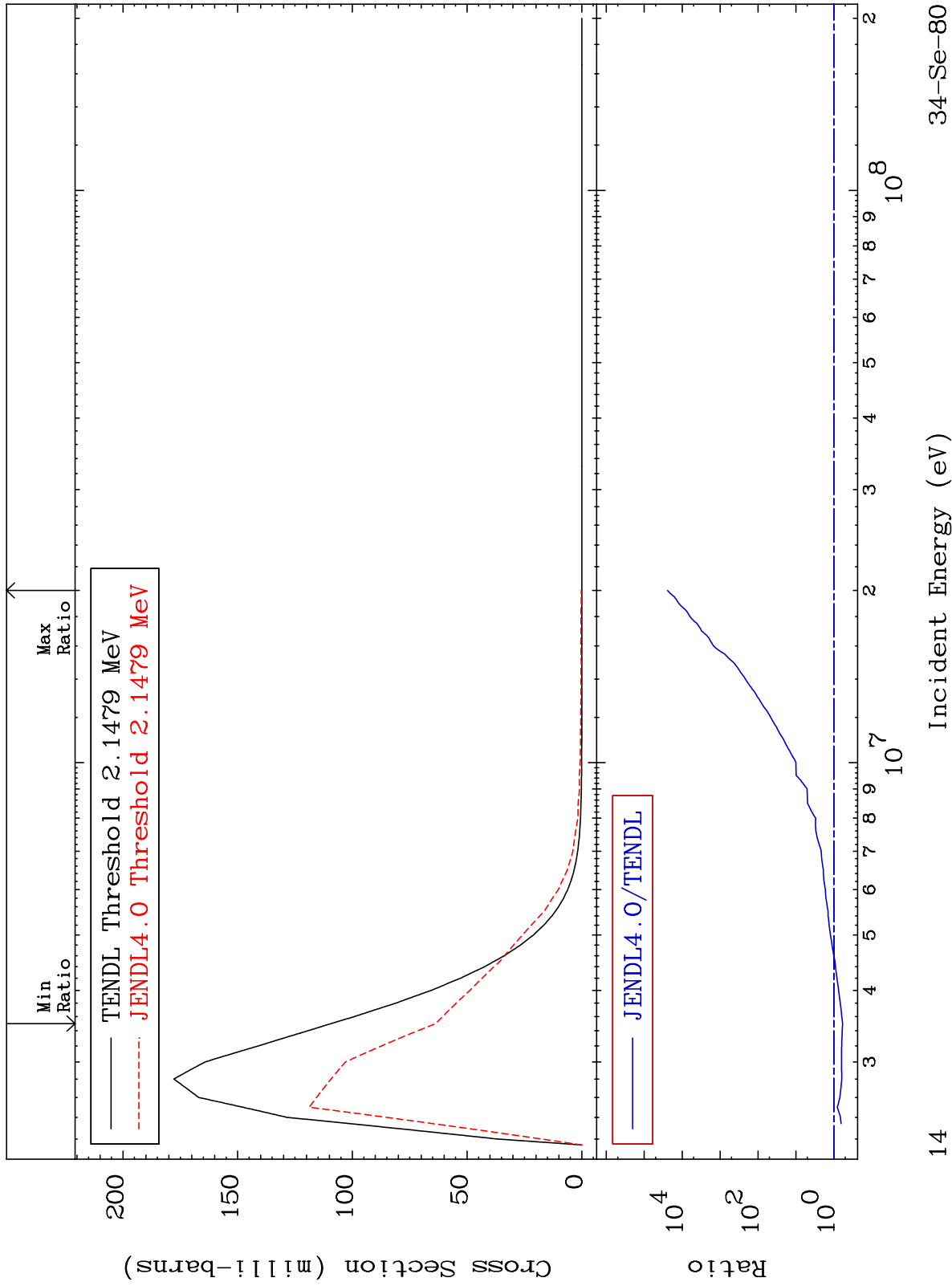
MAT 3443

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

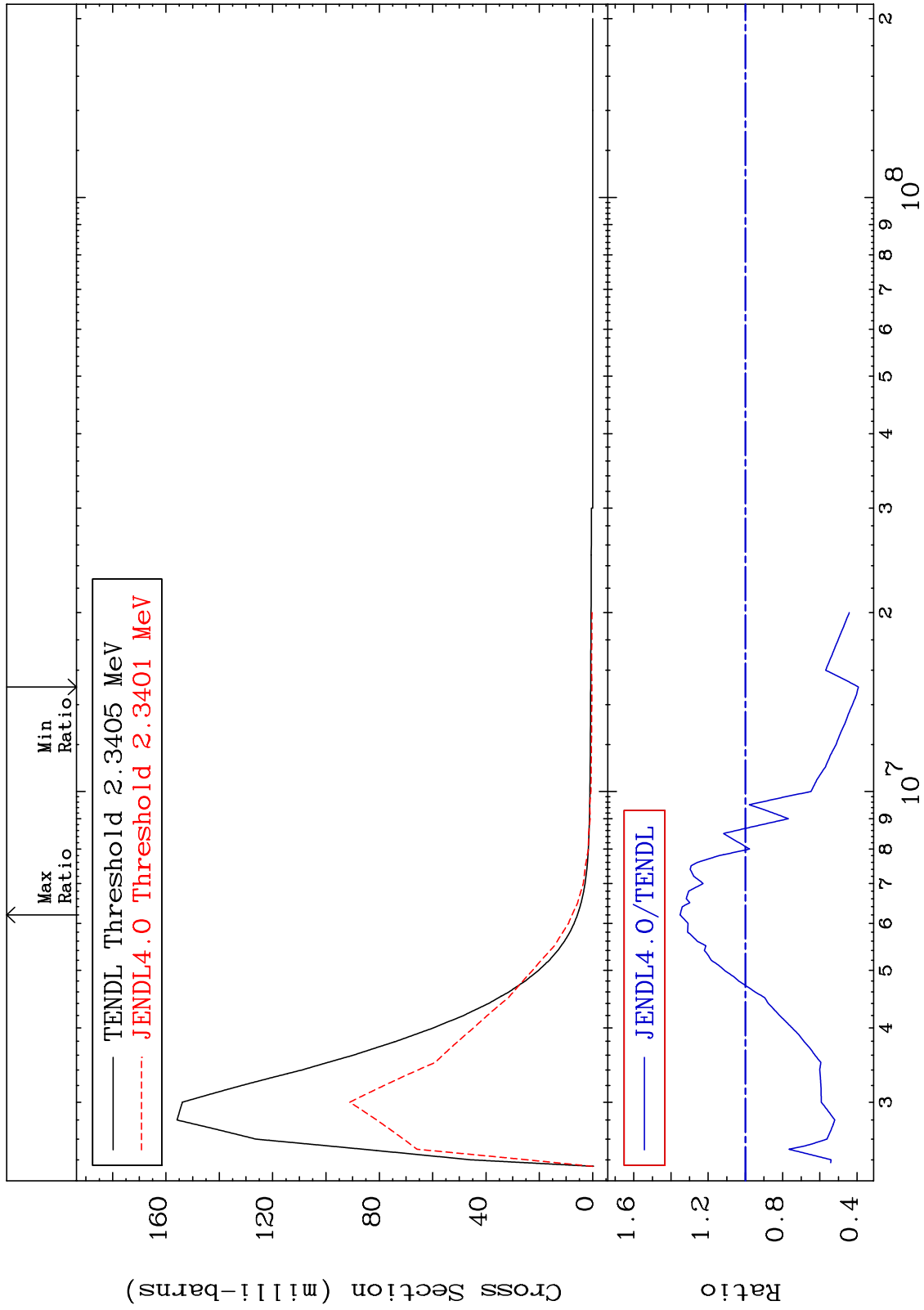
34-Se-80
-44.04 To 105.5 %



MAT 3443 MT= 57 (n, n') Level Cross Section -41.72 To 9999. % 34-Se-80



MAT 3443 MT= 58 (n,n') Level Cross Section 34-Se-80 -60.73 To 35.14 %



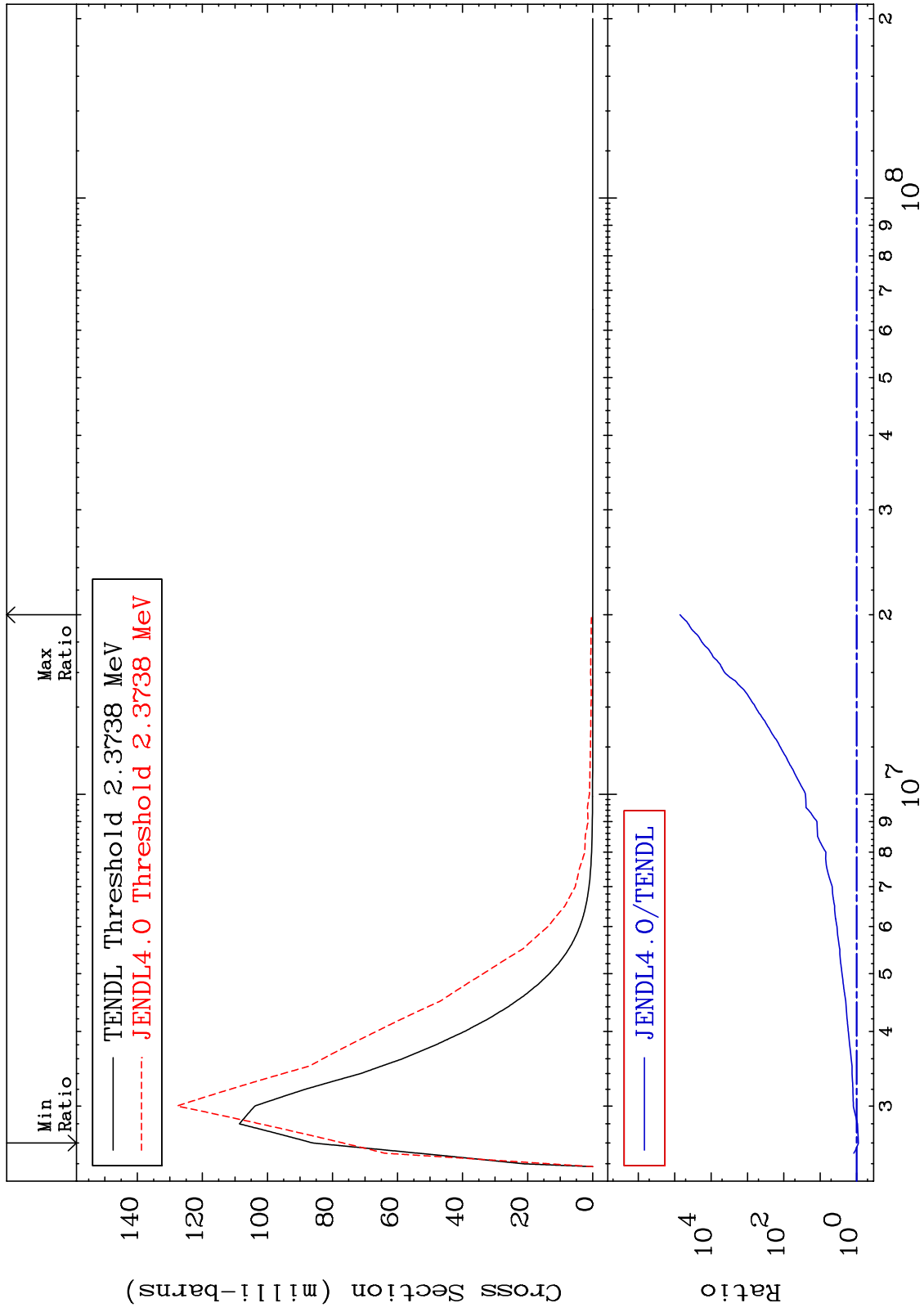
MAT 3443

MT= 59 (n,n') Level

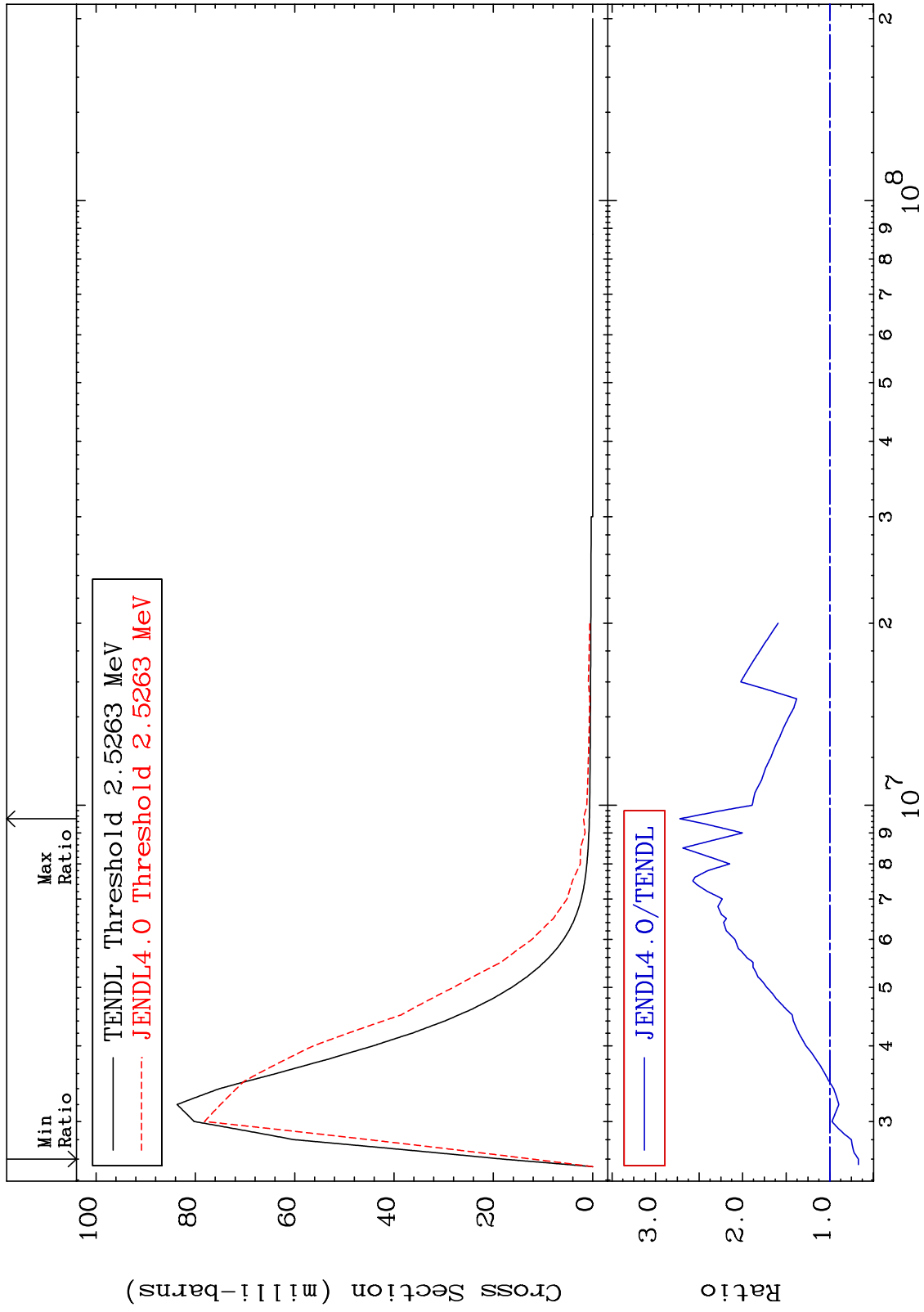
34-Se-80

-10.81 To 9999. %

Cross Section



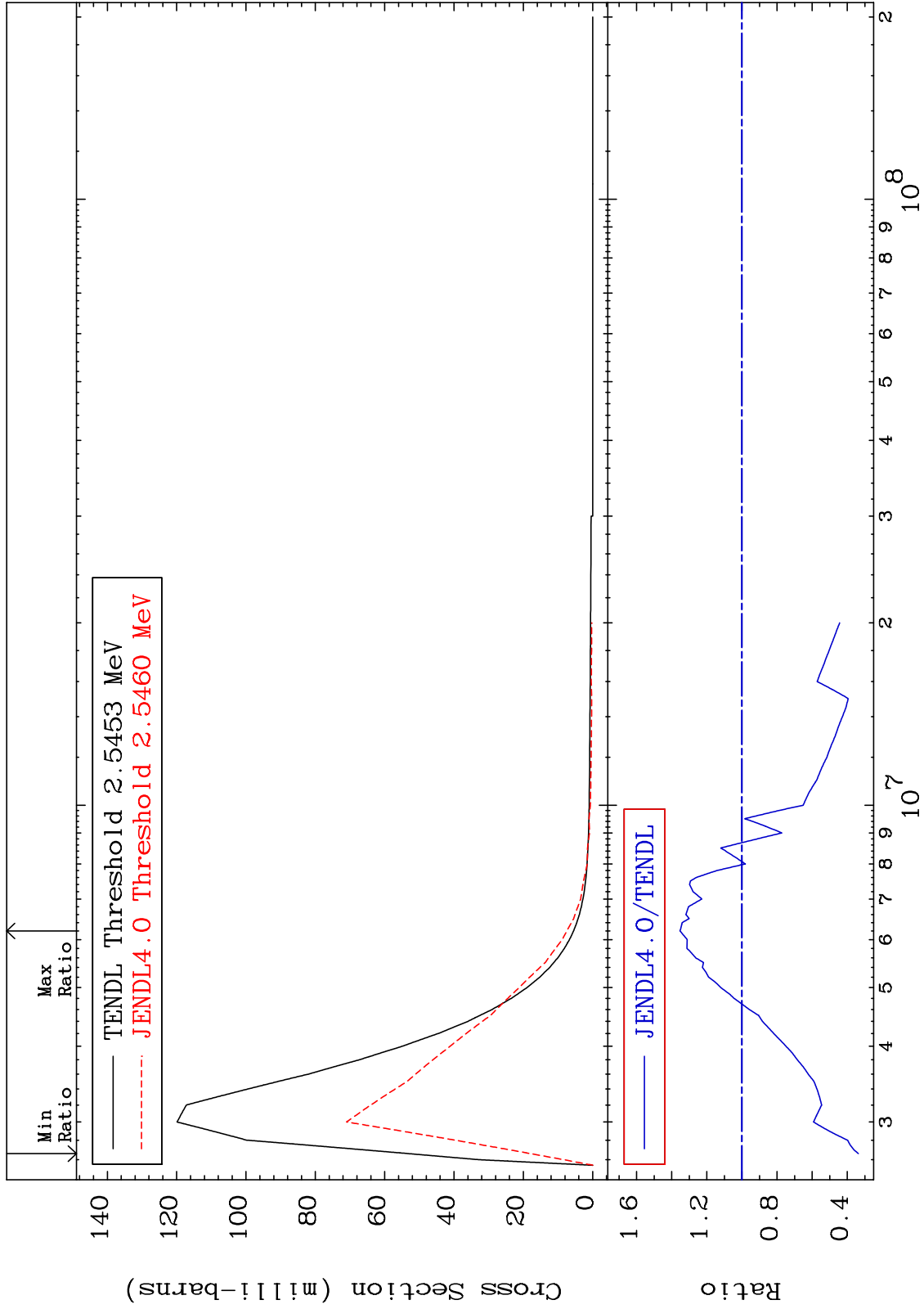
MAT 3443 MT= 60 (n,n') Level
Cross Section 34-Se-80
-32.97 To 171.9 %



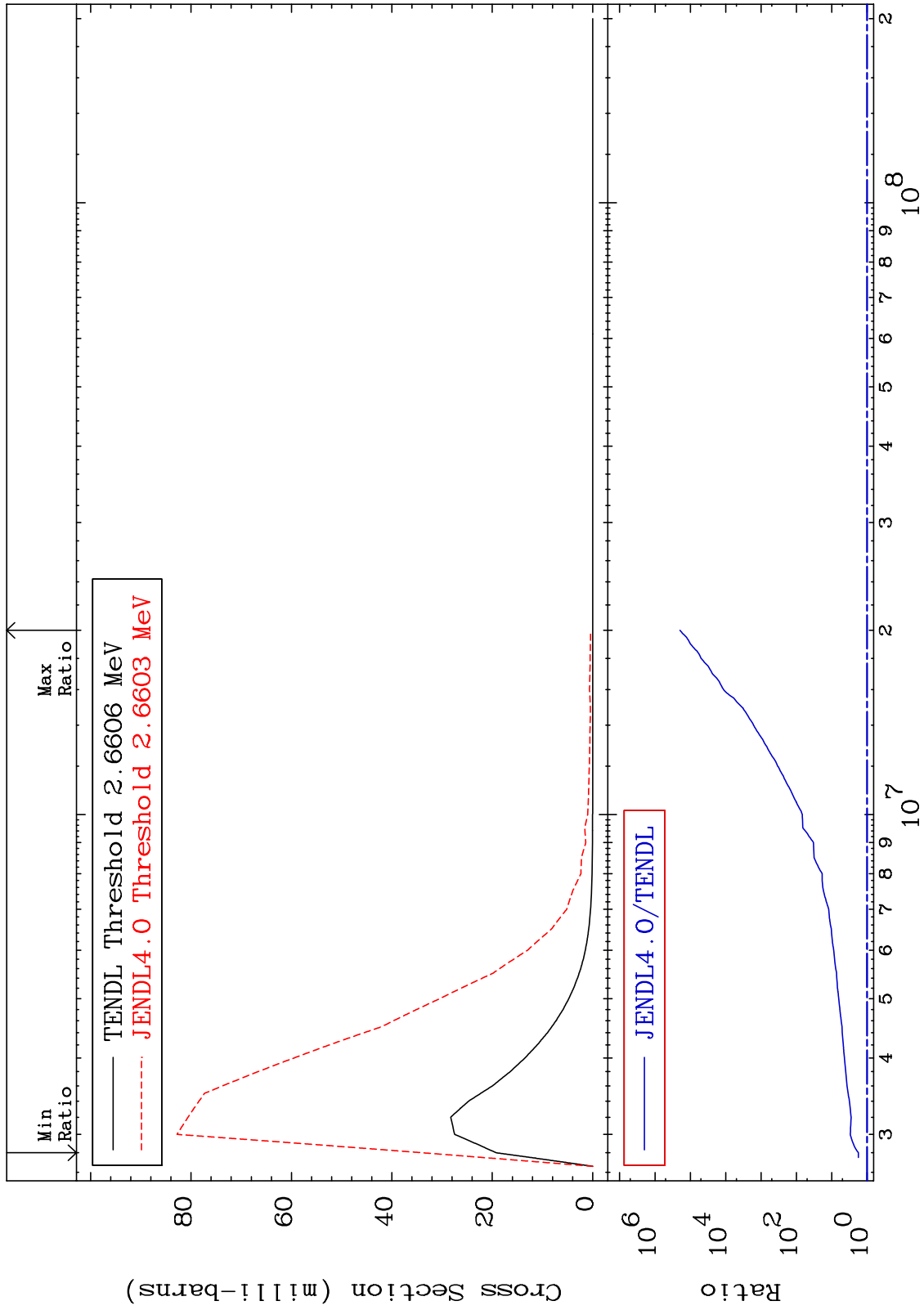
MAT 3443

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

34-Se-80
-66.34 To 35.27 %



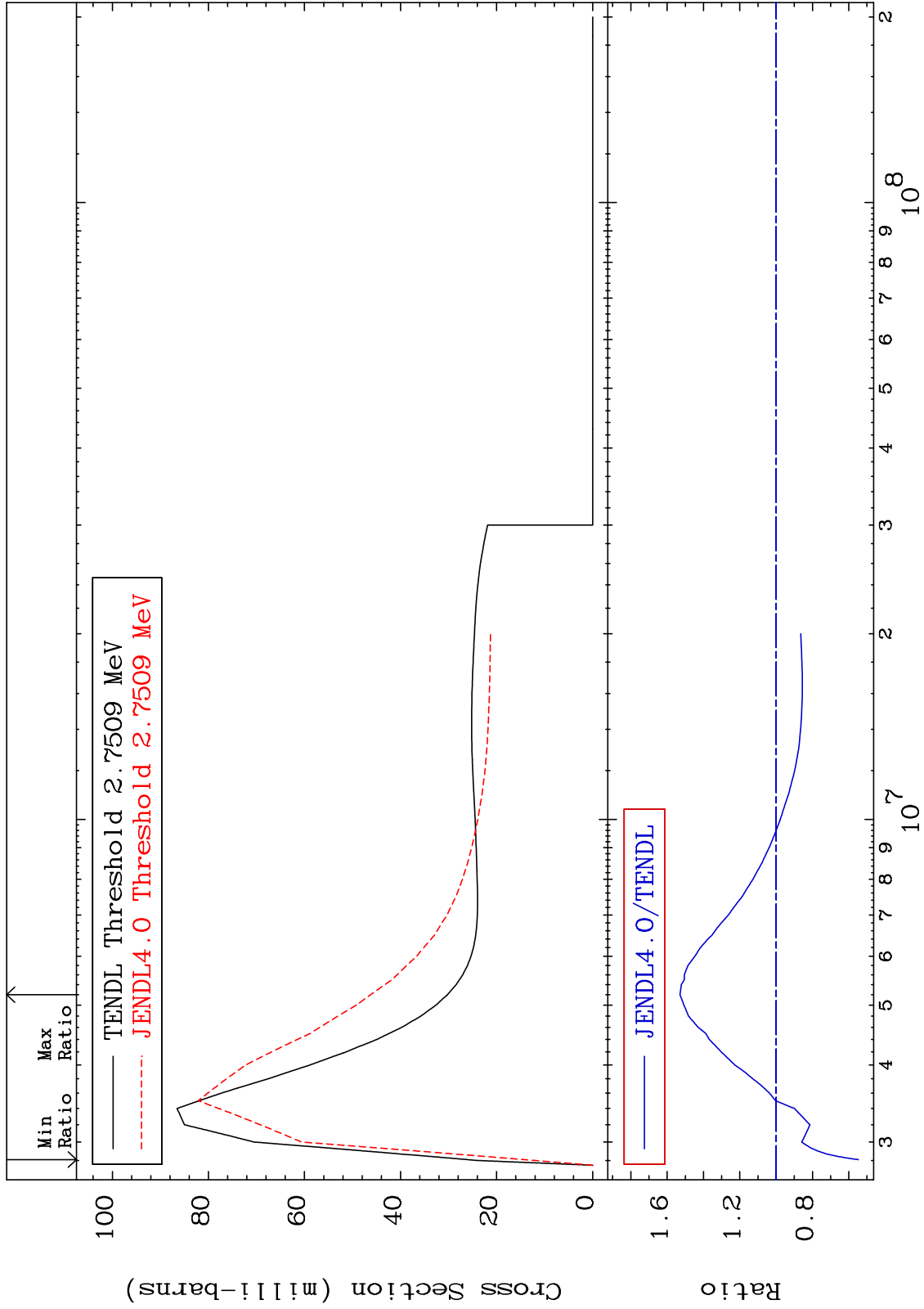
MAT 3443 MT= 62 (n,n') Level Cross Section 34-Se-80 77.02 To 9999. %



MAT 3443

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

34-Se-80
-45.30 To 52.91 %

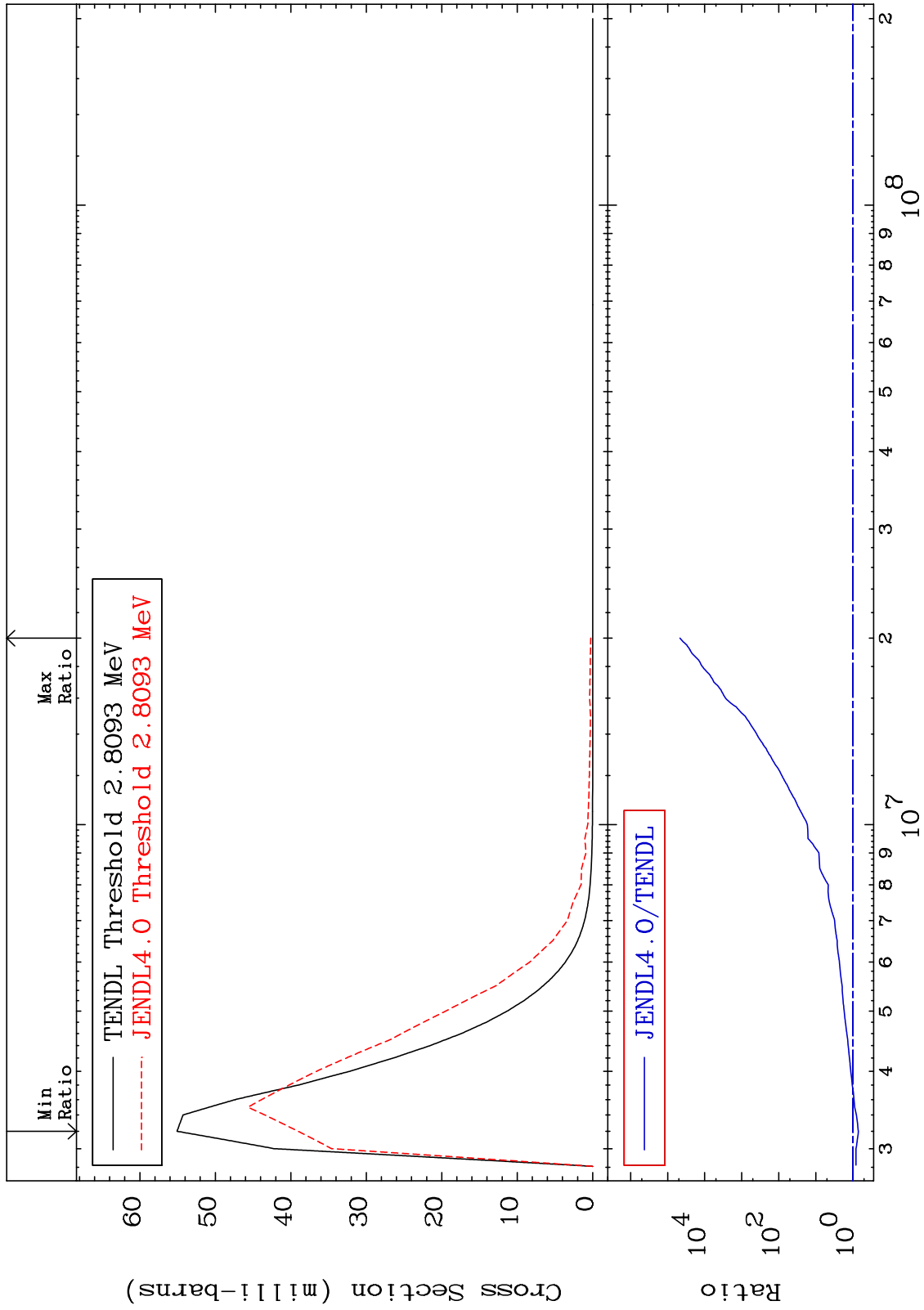


20

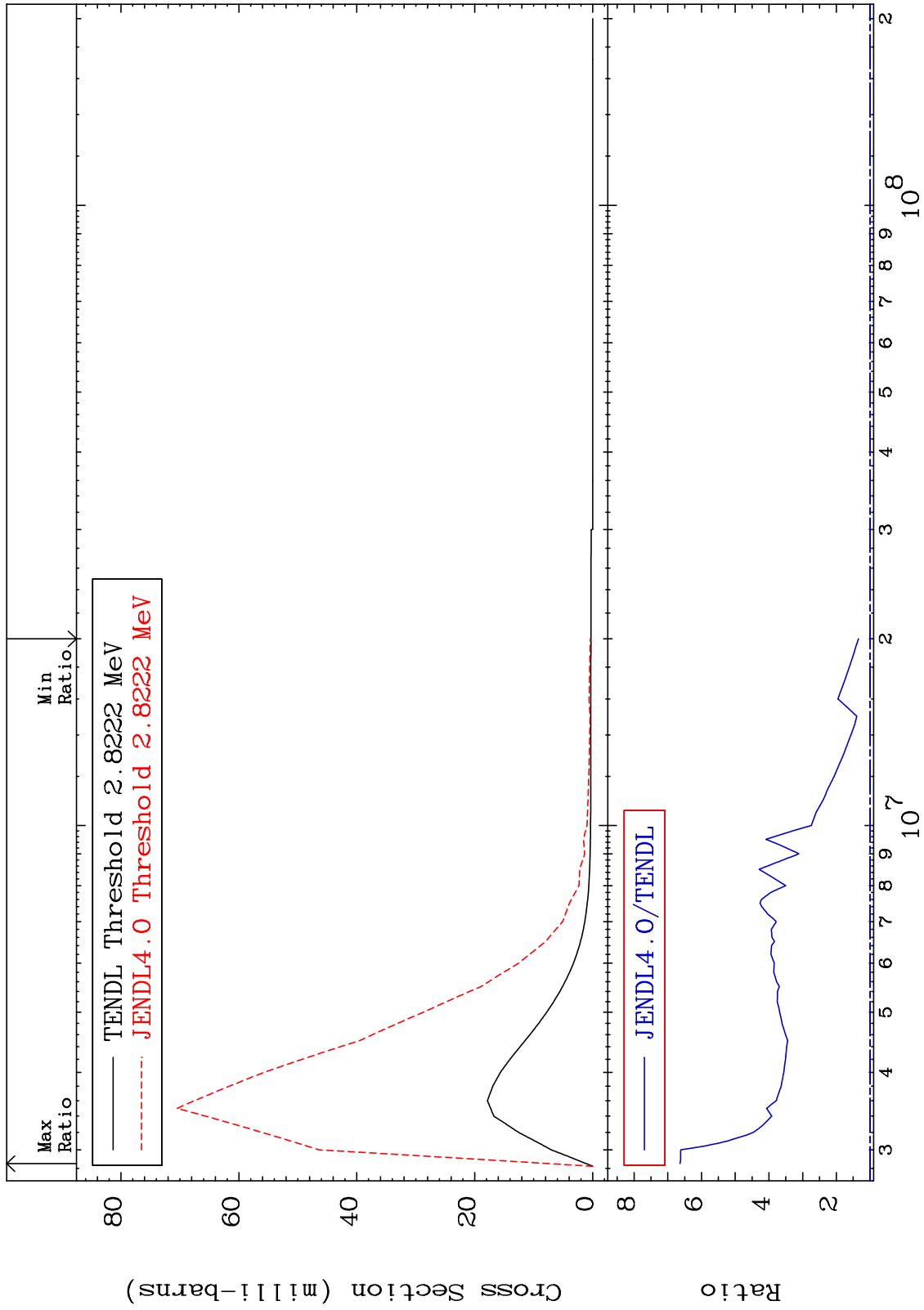
Incident Energy (eV)

34-Se-80

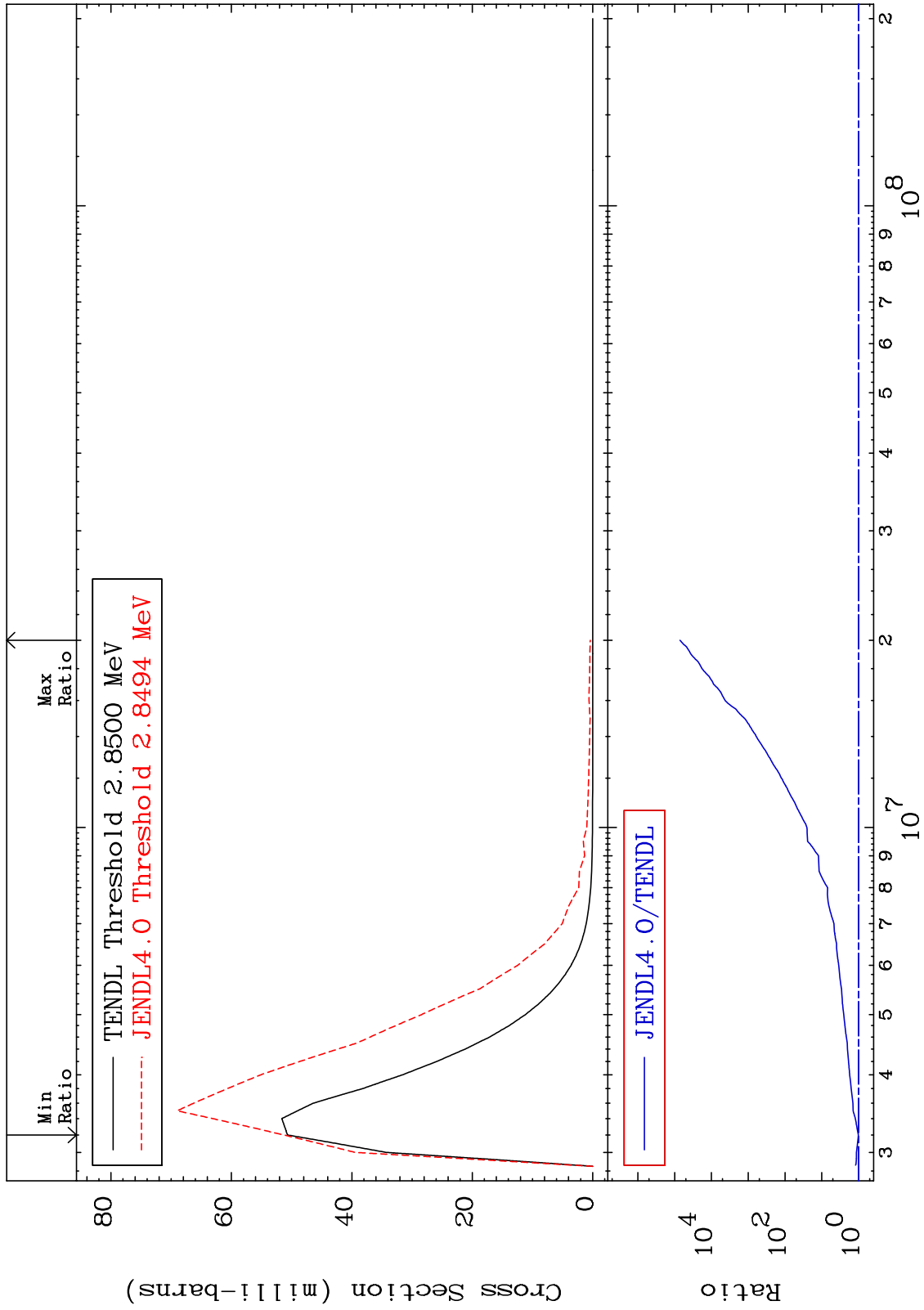
MAT 3443 MT= 64 (n,n') Level Cross Section 34-Se-80
 -29.13 To 9999. %



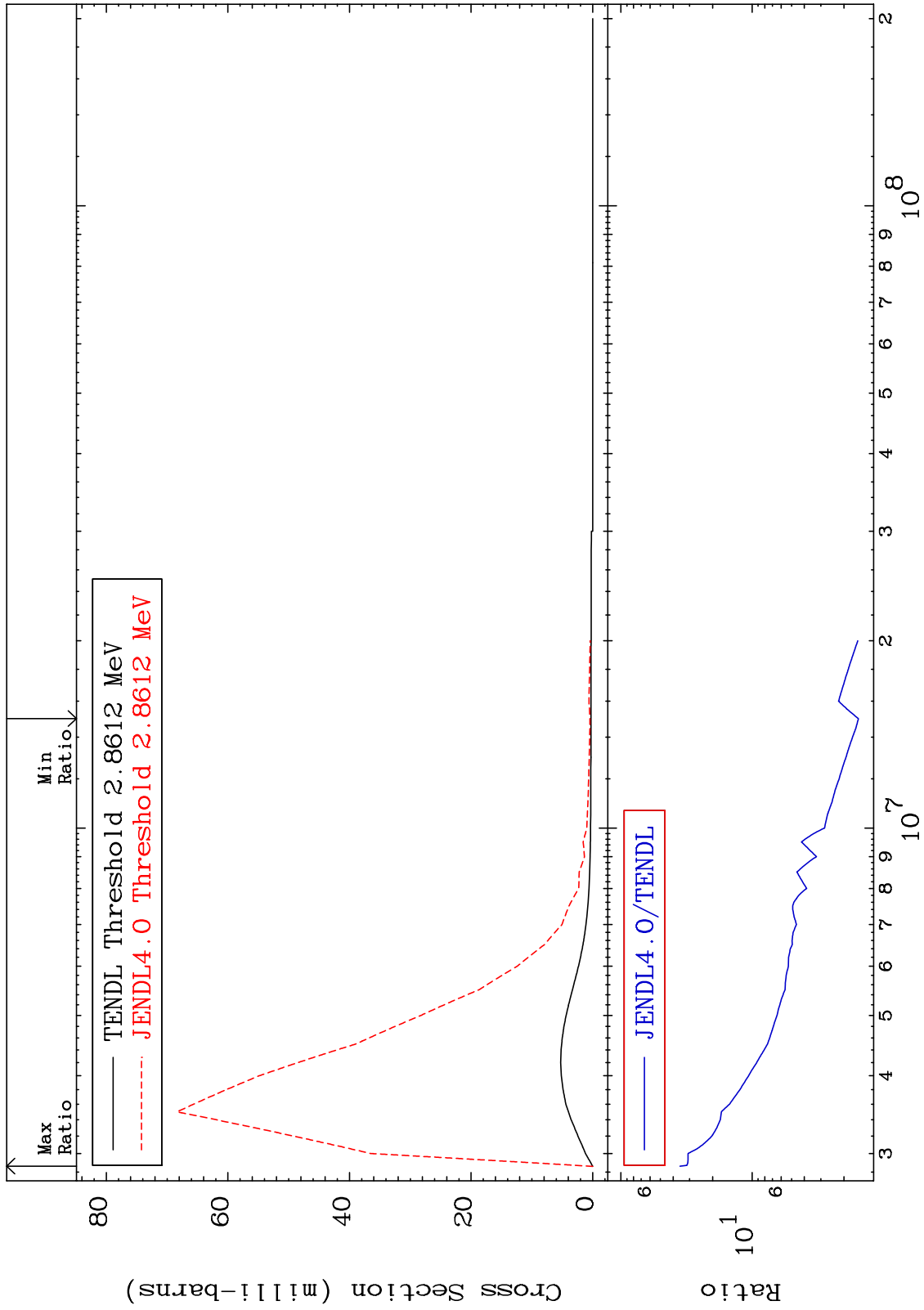
MAT 3443 MT= 65 (n,n') Level Cross Section 34.65 To 563.7 % 34-Se-80



MAT 3443 MT= 66 (n,n') Level Cross Section 34-Se-80
 1.183 To 9999. %



MAT 3443 MT= 67 (n,n') Level Cross Section 34-Se-80 55.01 To 3443. %

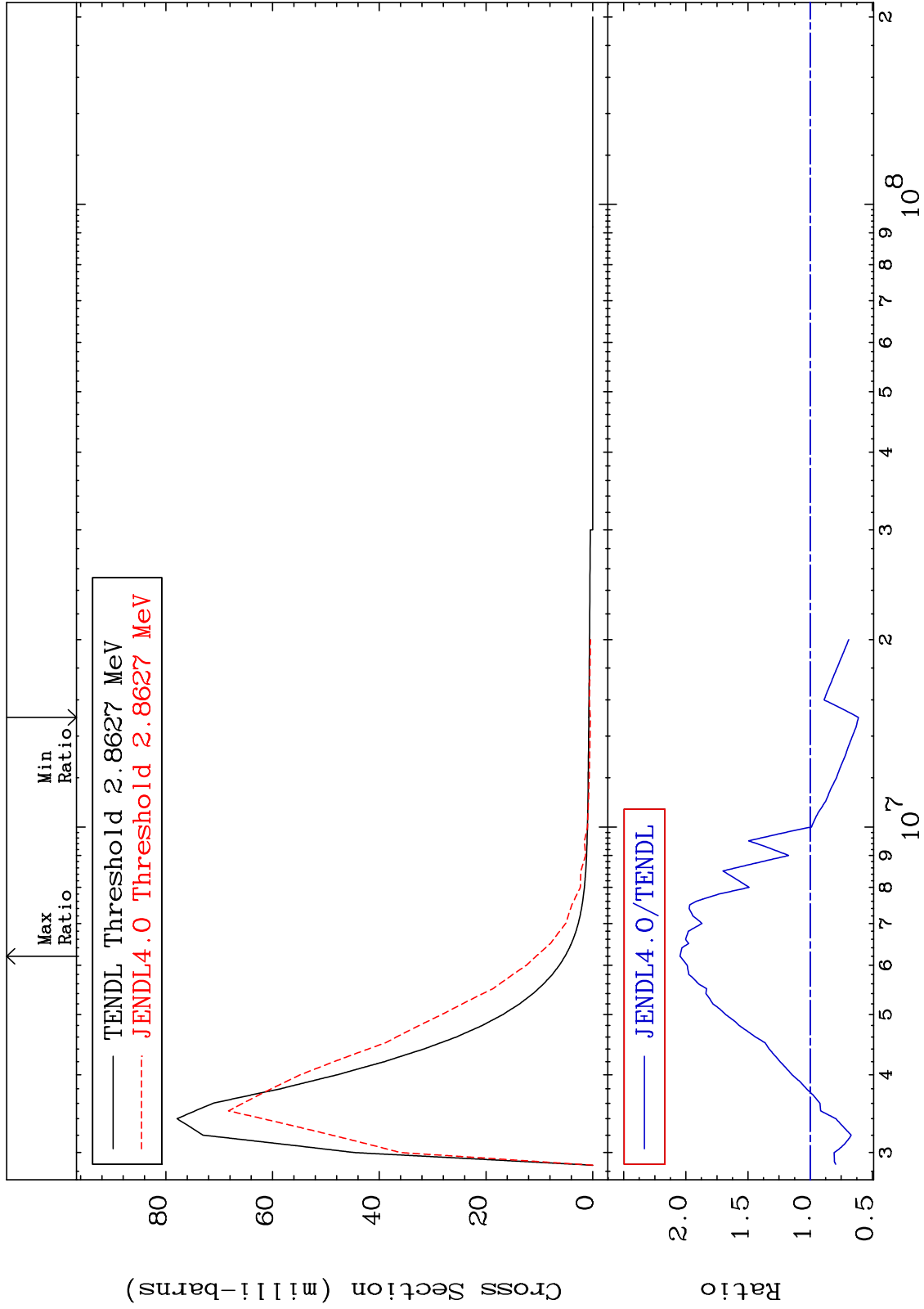


34-Se-80

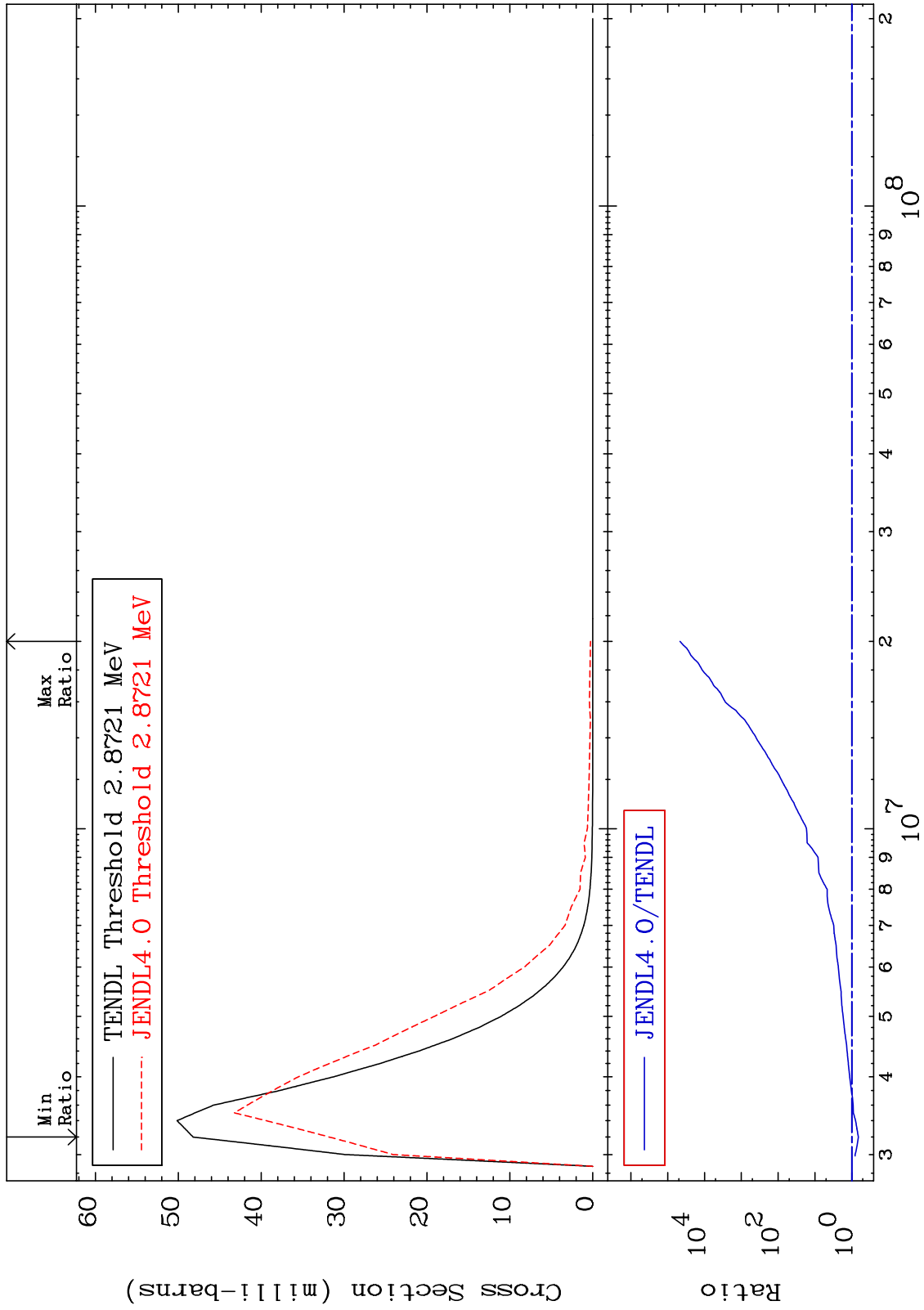
MAT 3443

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

34-Se-80
-38.83 To 104.7 %



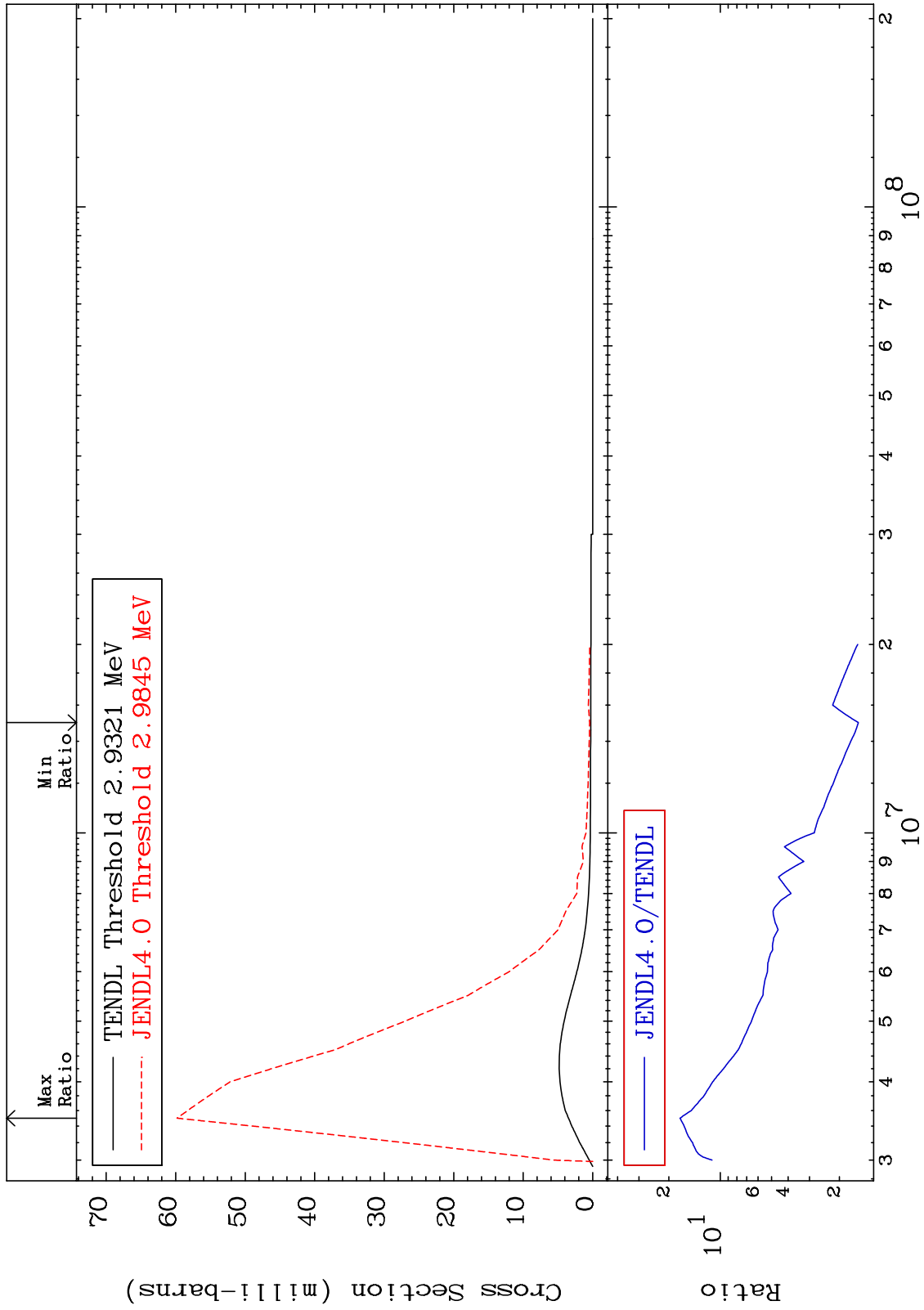
MAT 3443 MT= 69 (n,n') Level Cross Section 34-Se-80
 -34.14 To 9999. %



MAT 3443

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

34-Se-80
54.82 To 1622. %



27

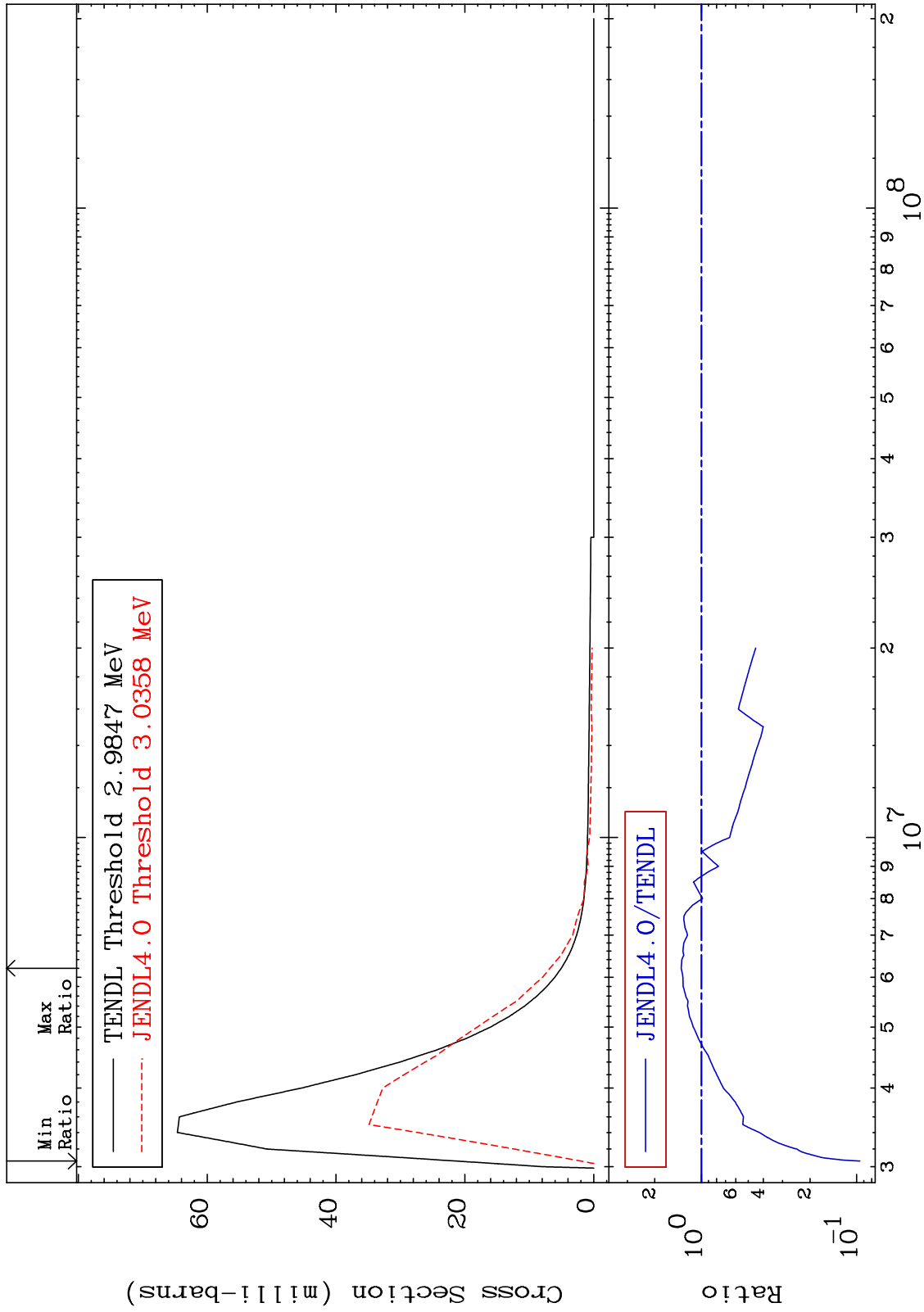
34-Se-80

34-Se-80

MAT 3443

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

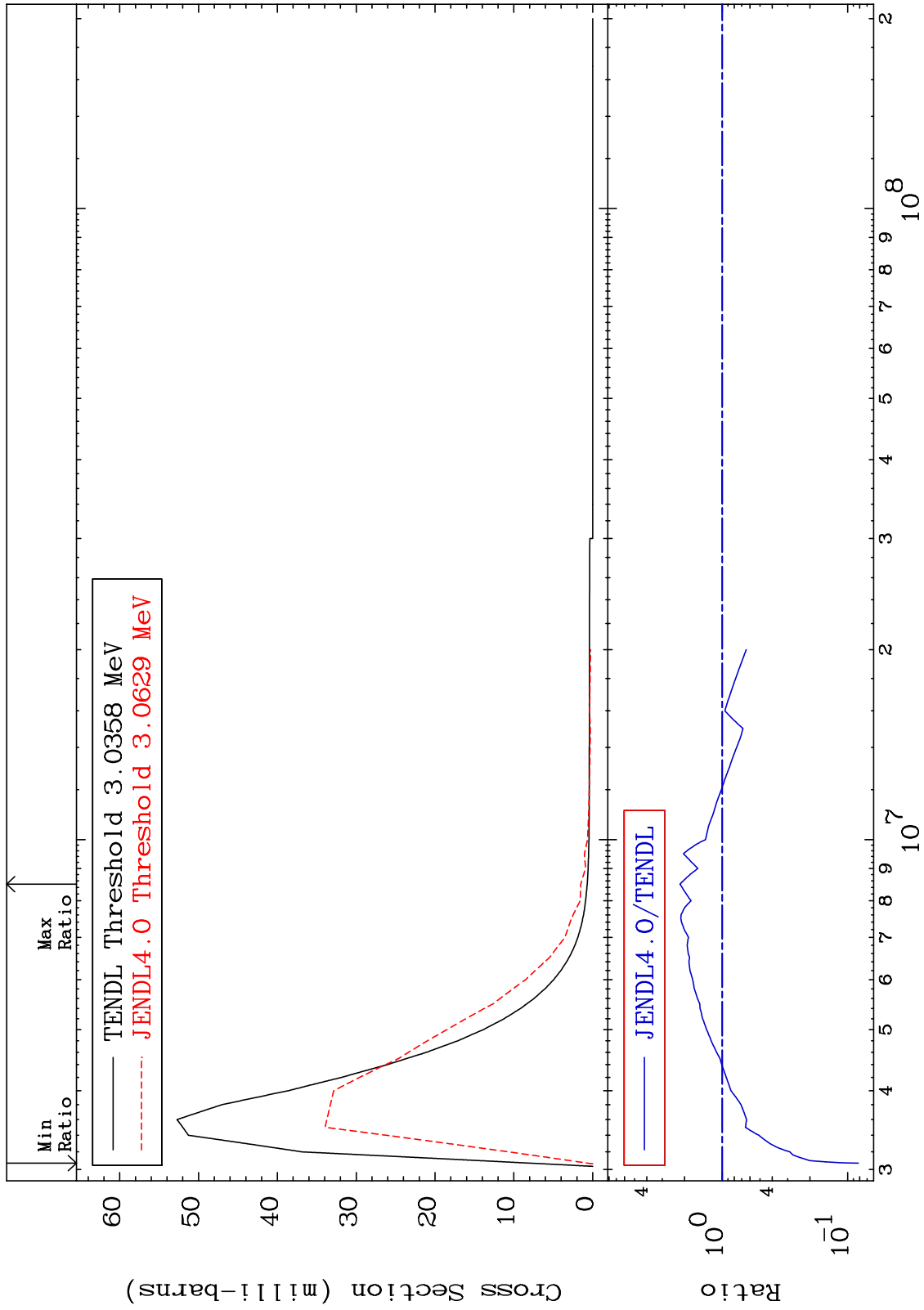
34-Se-80
-90.47 To 34.92 %



MAT 3443

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

34-Se-80
-91.80 To 117.0 %



29

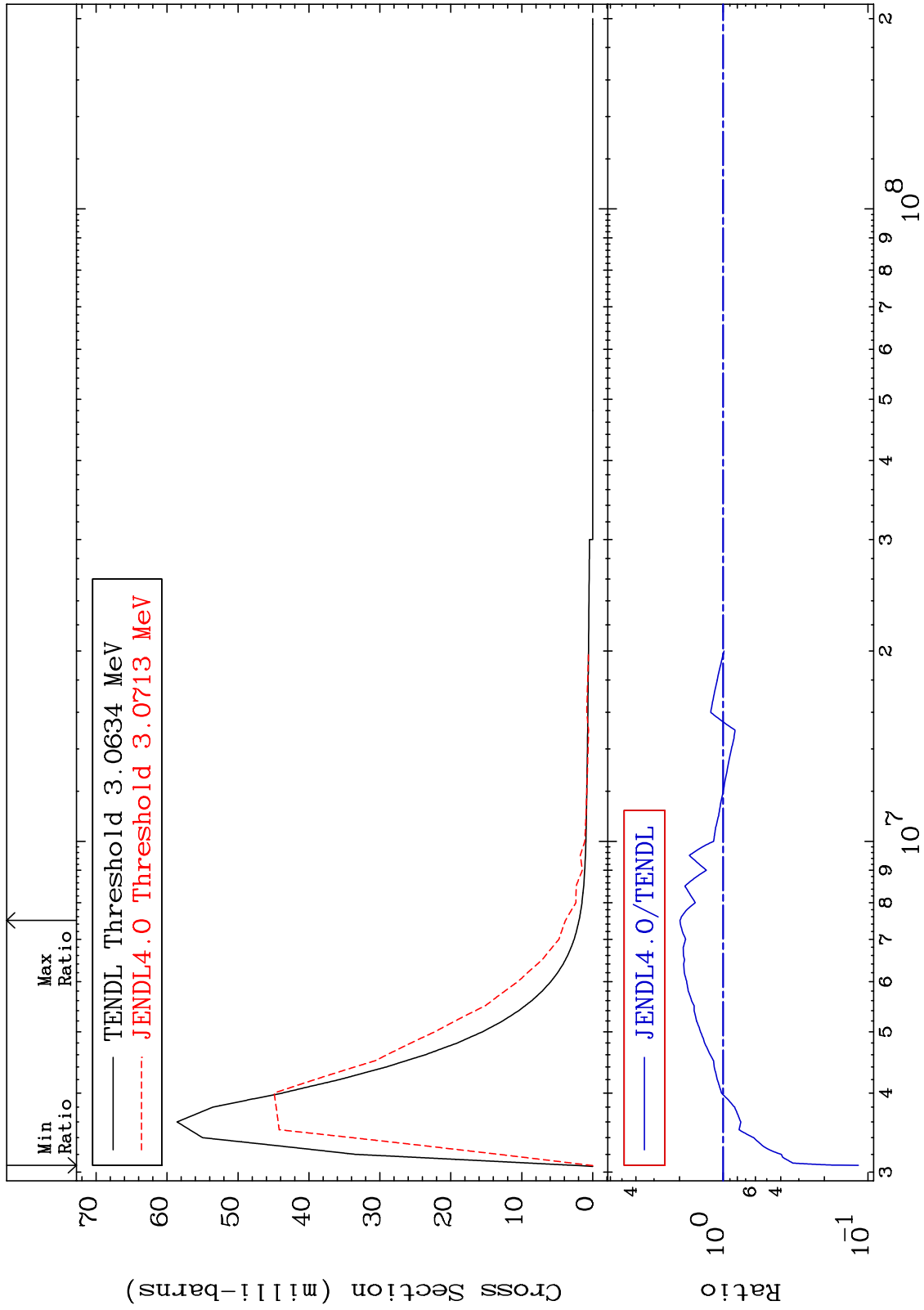
Incident Energy (eV)

34-Se-80

MAT 3443

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

34-Se-80
-88.35 To 98.63 %

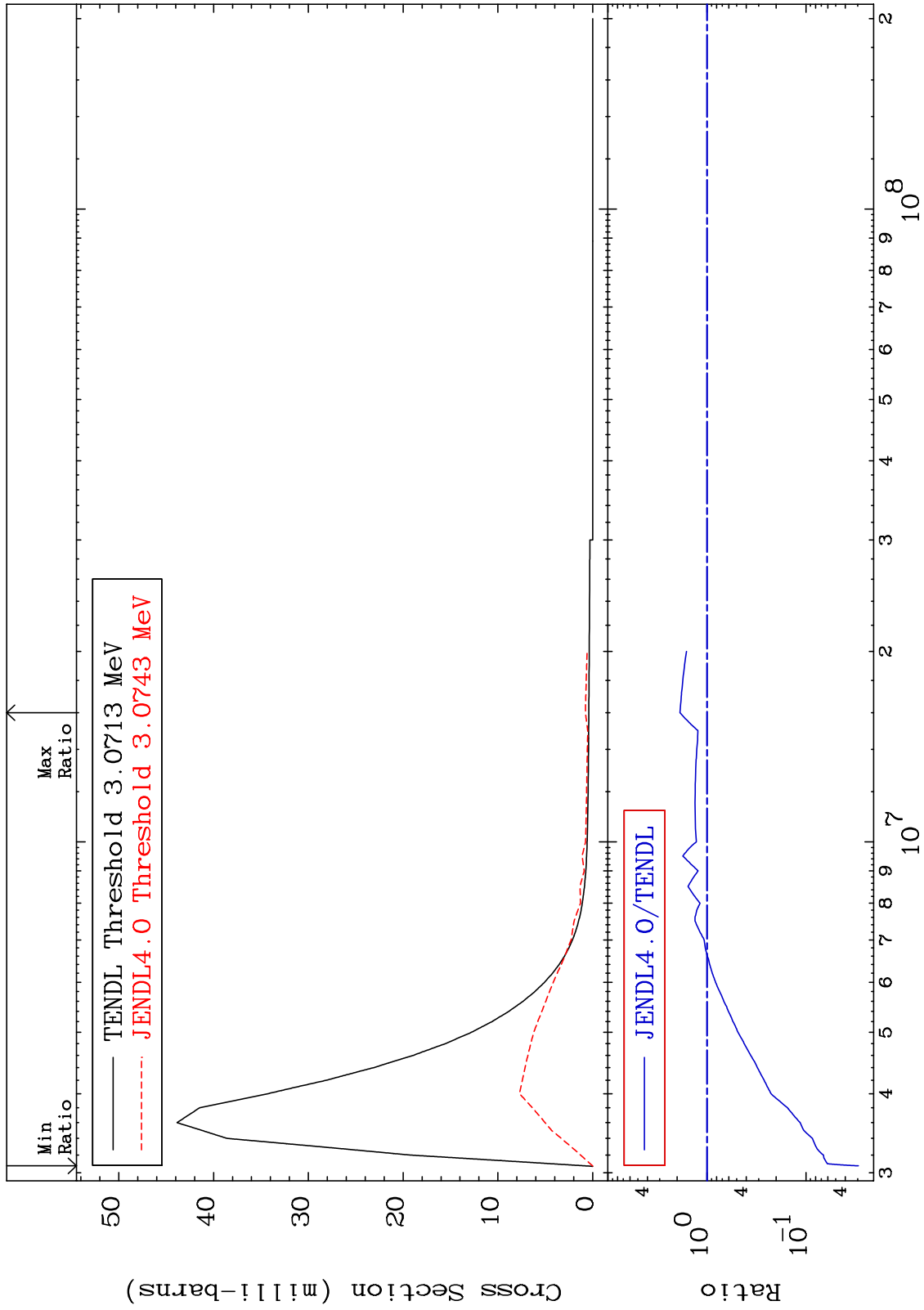


30

Incident Energy (eV)

34-Se-80

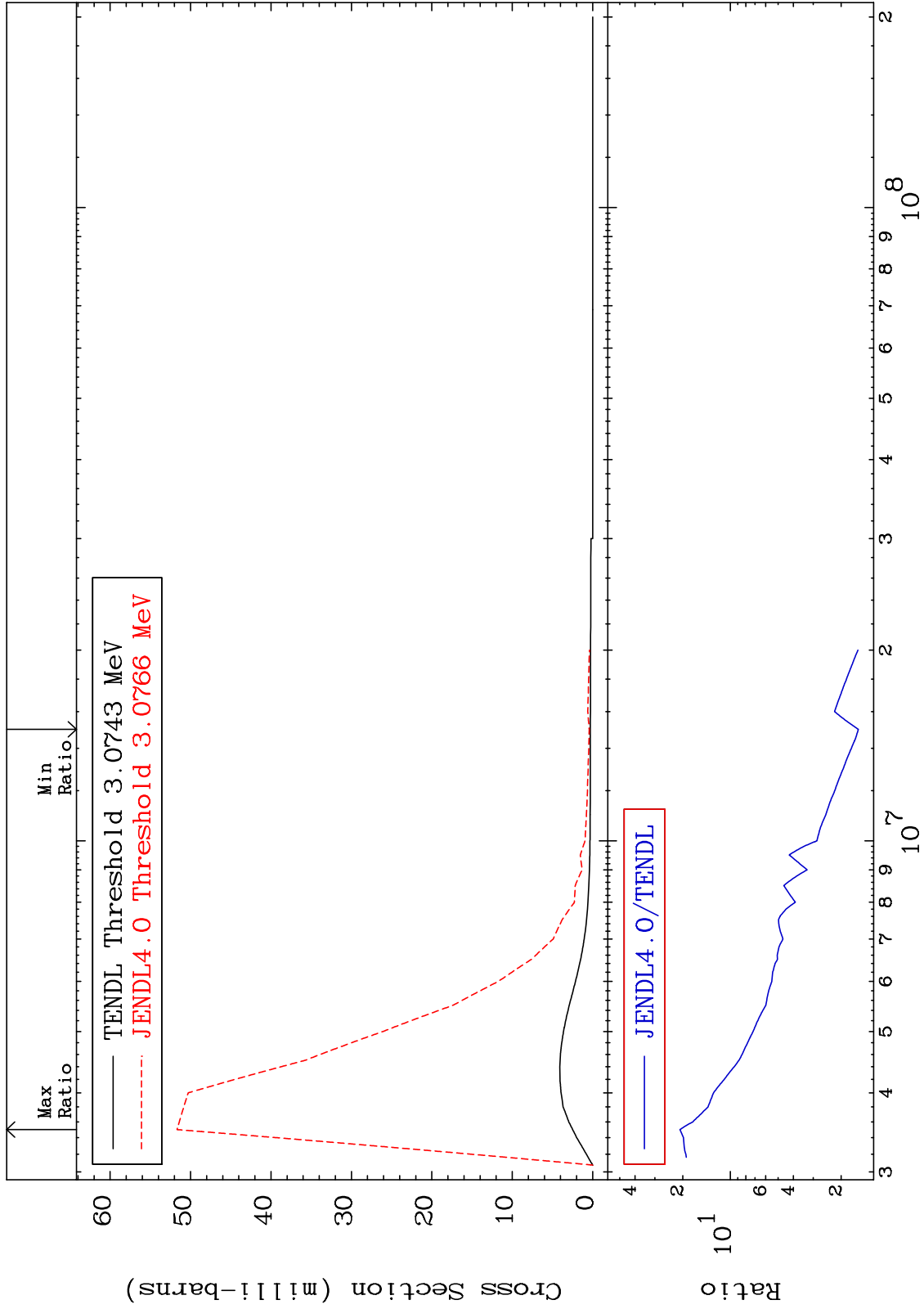
MAT 3443 MT= 74 (n,n') Level 34-Se-80
 Cross Section -97.05 To 87.12 %



MAT 3443

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

34-Se-80
55.65 To 1980. %

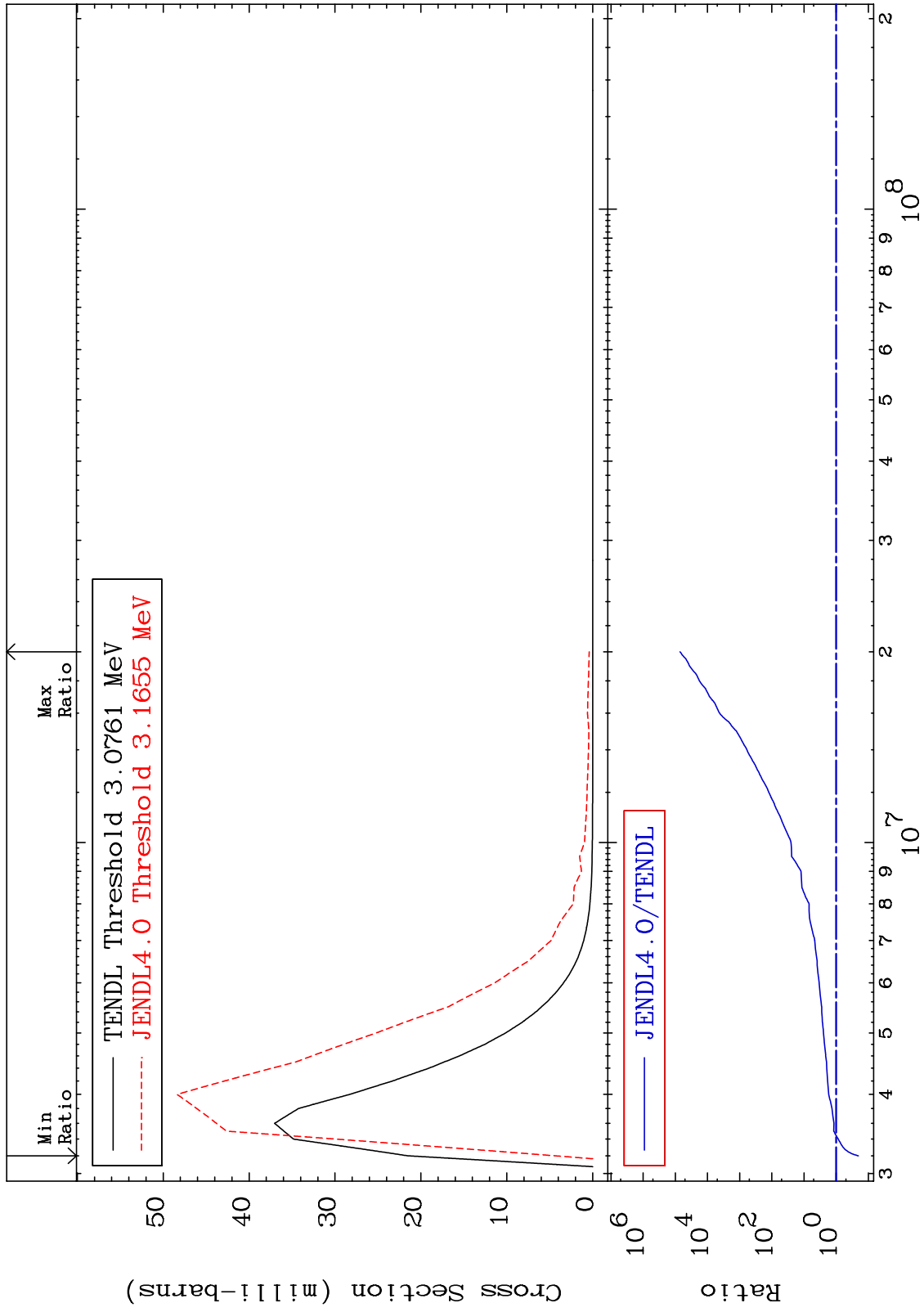


32

Incident Energy (eV)

34-Se-80

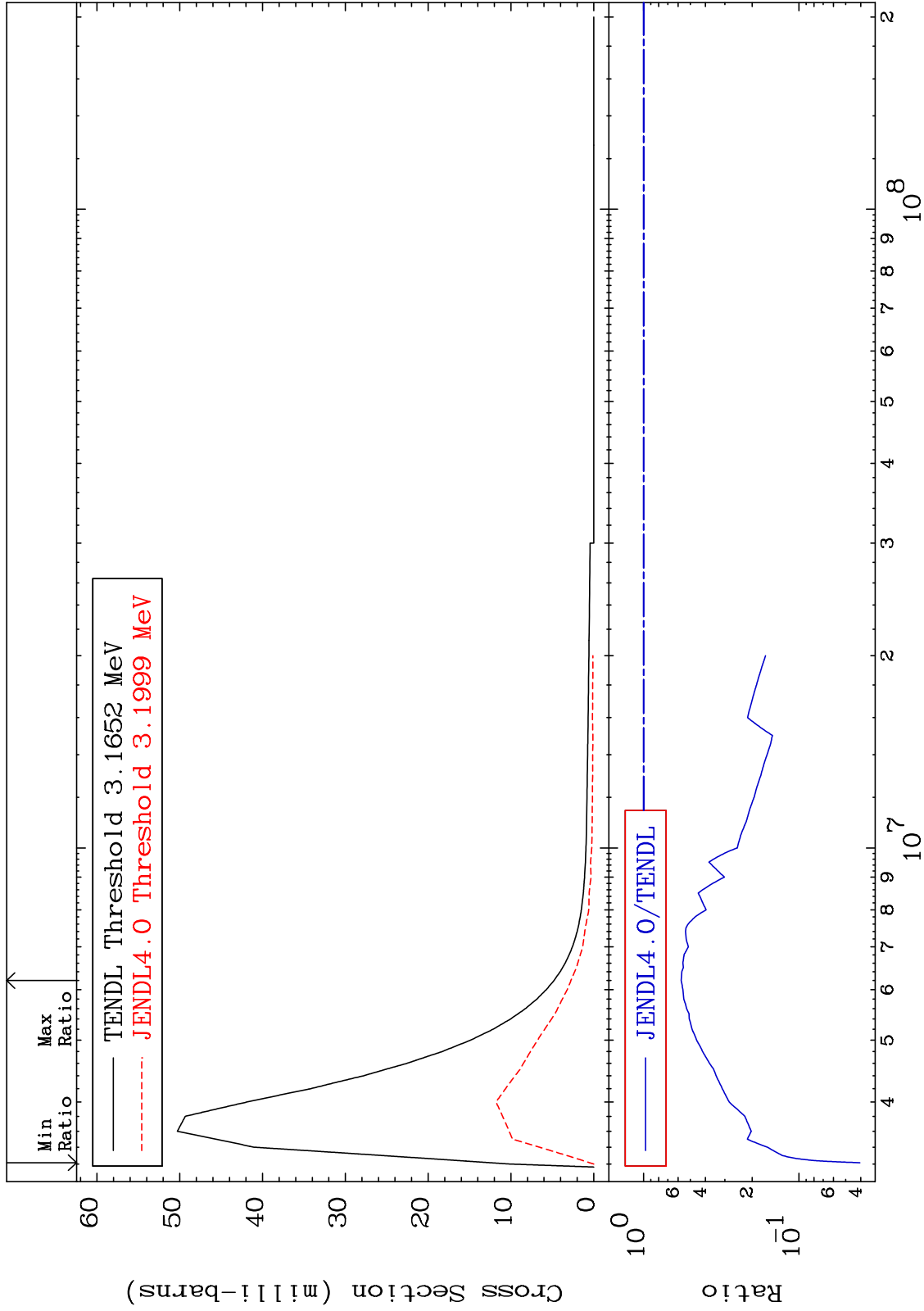
MAT 3443 MT= 76 (n,n') Level Cross Section 34-Se-80 -79.63 To 9999. %



MAT 3443

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

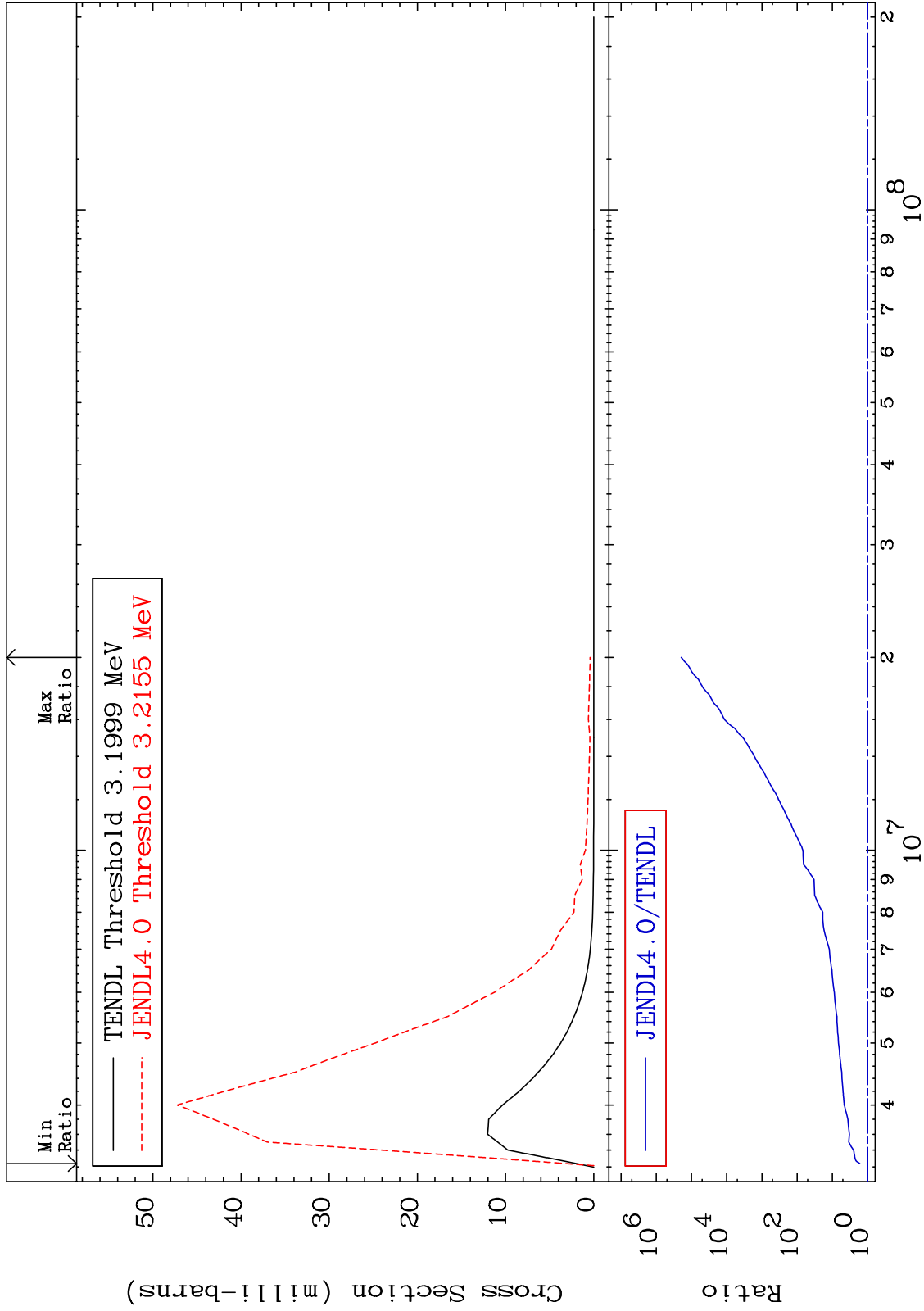
34-Se-80
-95.95 To -42.68%



MAT 3443

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

34-Se-80
63.73 To 9999. %



35

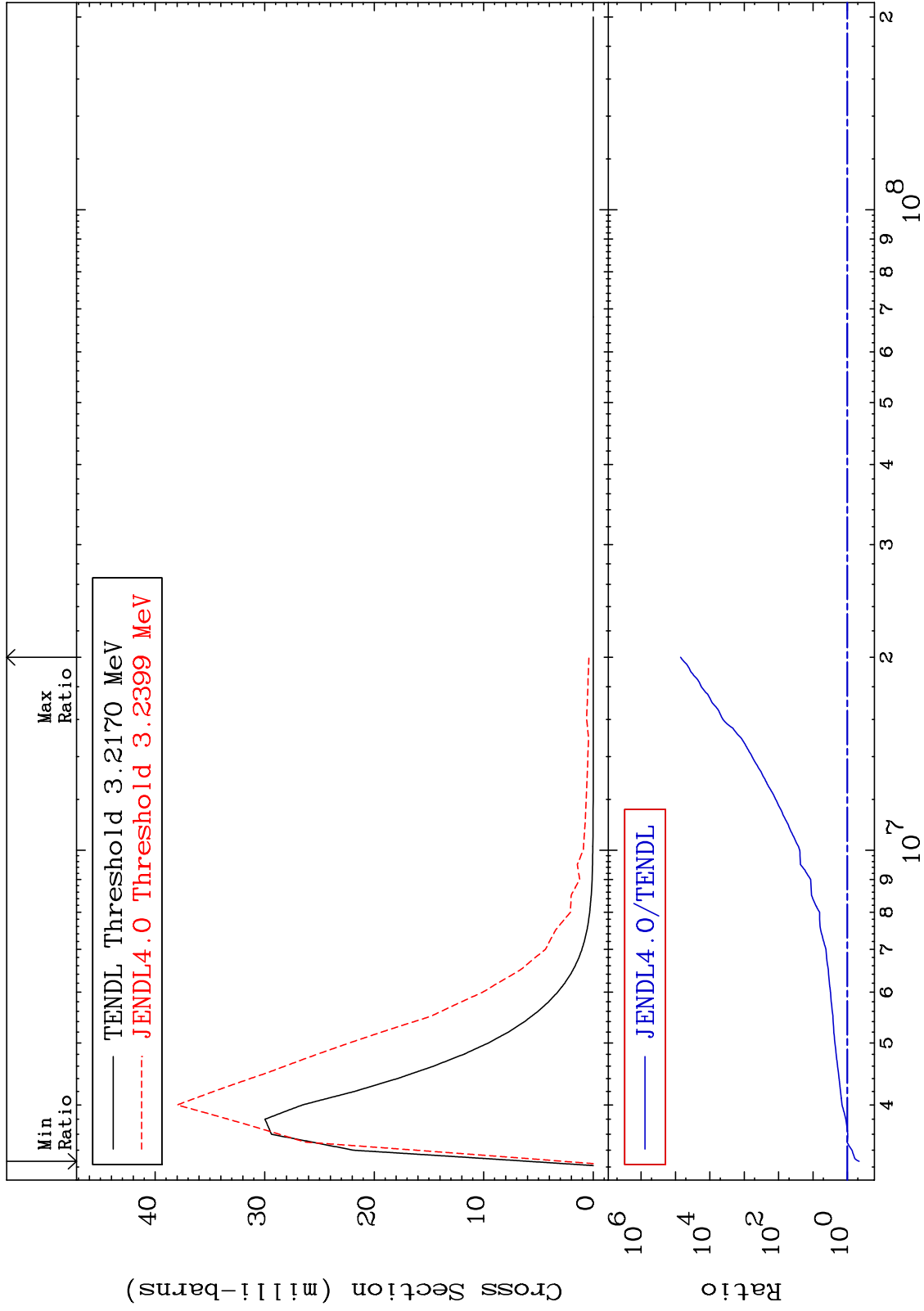
Incident Energy (eV)

34-Se-80

MAT 3443

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

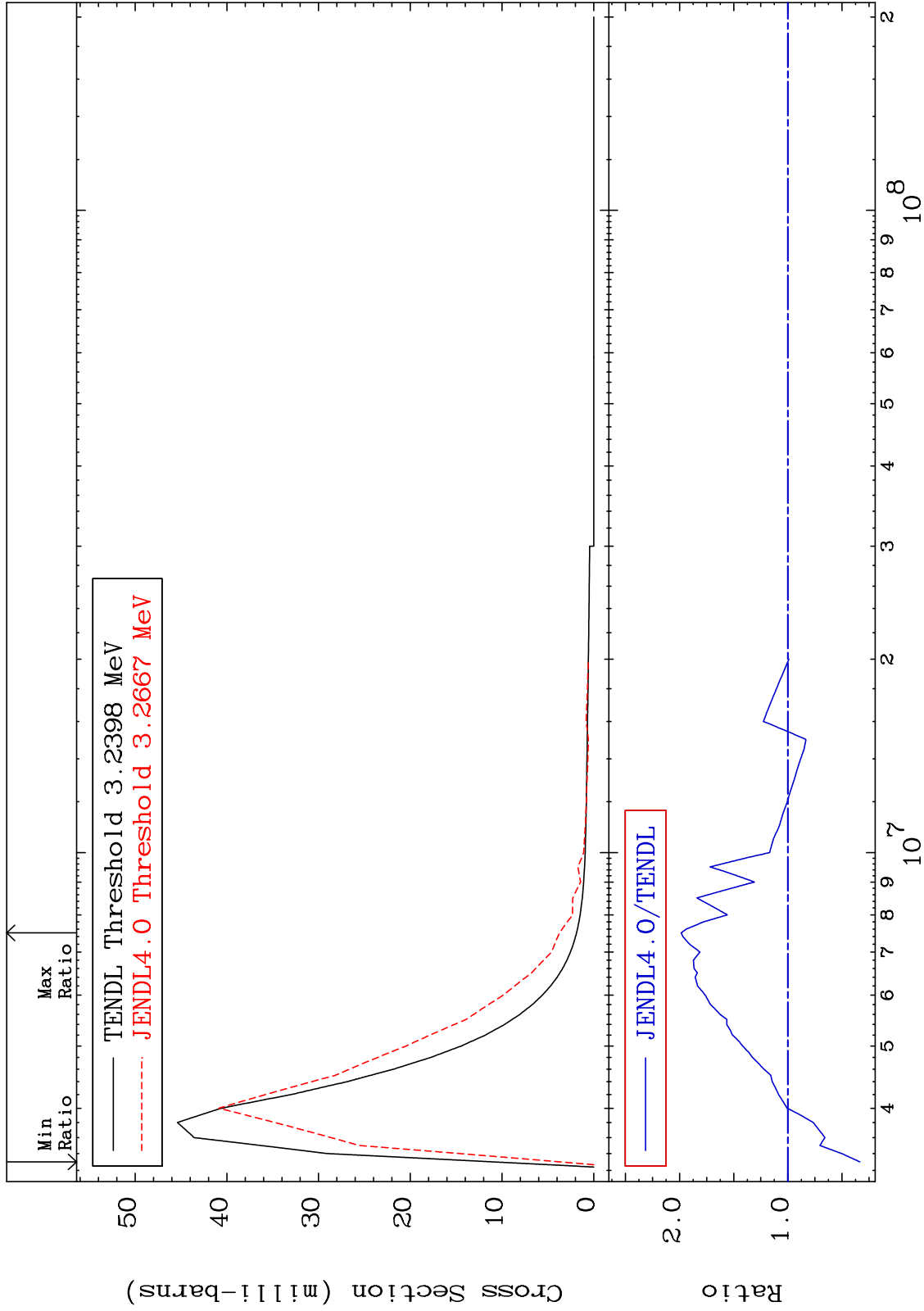
34-Se-80
-54.42 To 9999. %



MAT 3443

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

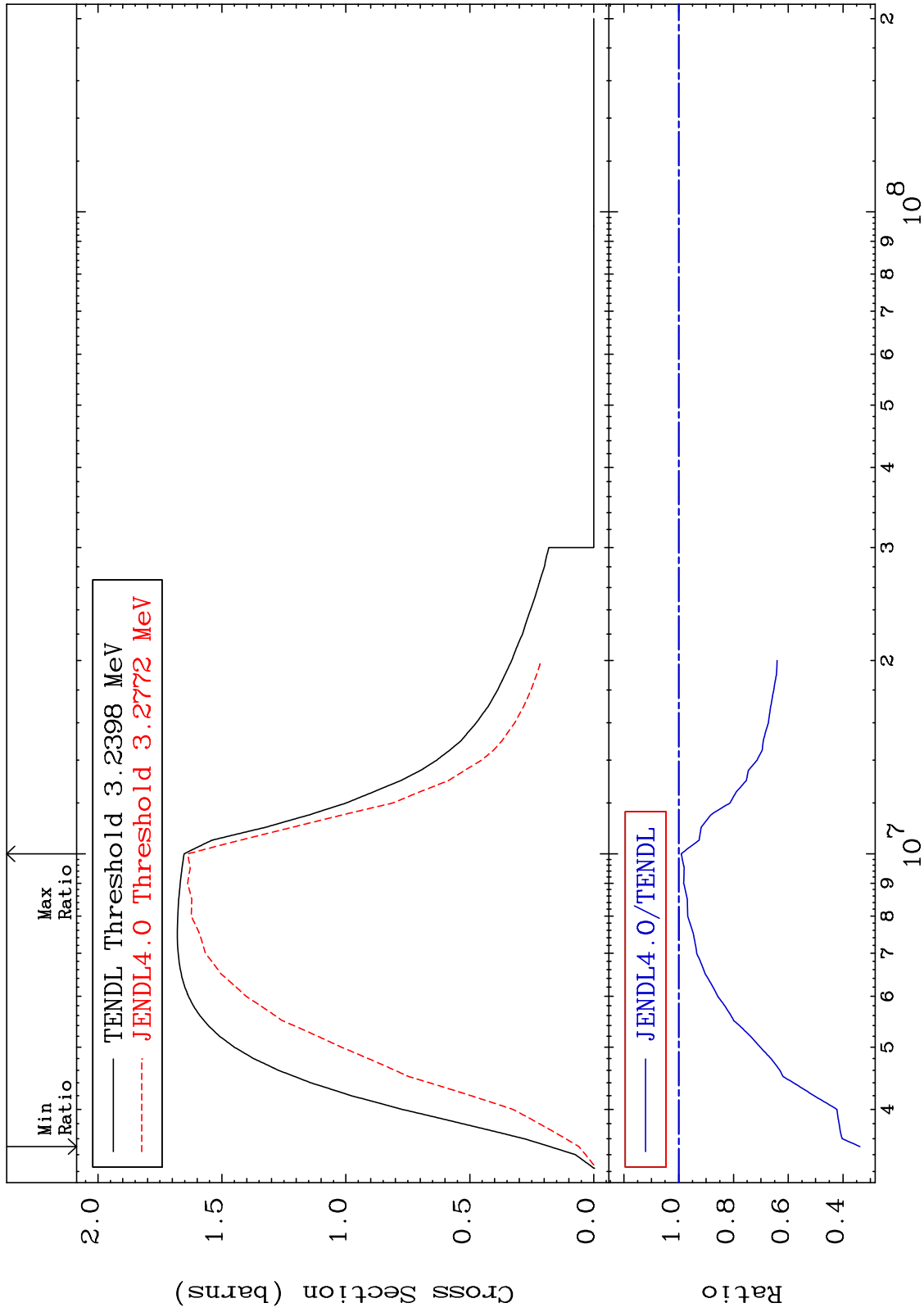
34-Se-80
-66.58 To 98.50 %



MAT 3443

(n,n') Continuum
Cross Section

³⁴Se-80
-66.19 To -0.899%



38

Incident Energy (eV)

³⁴Se-80

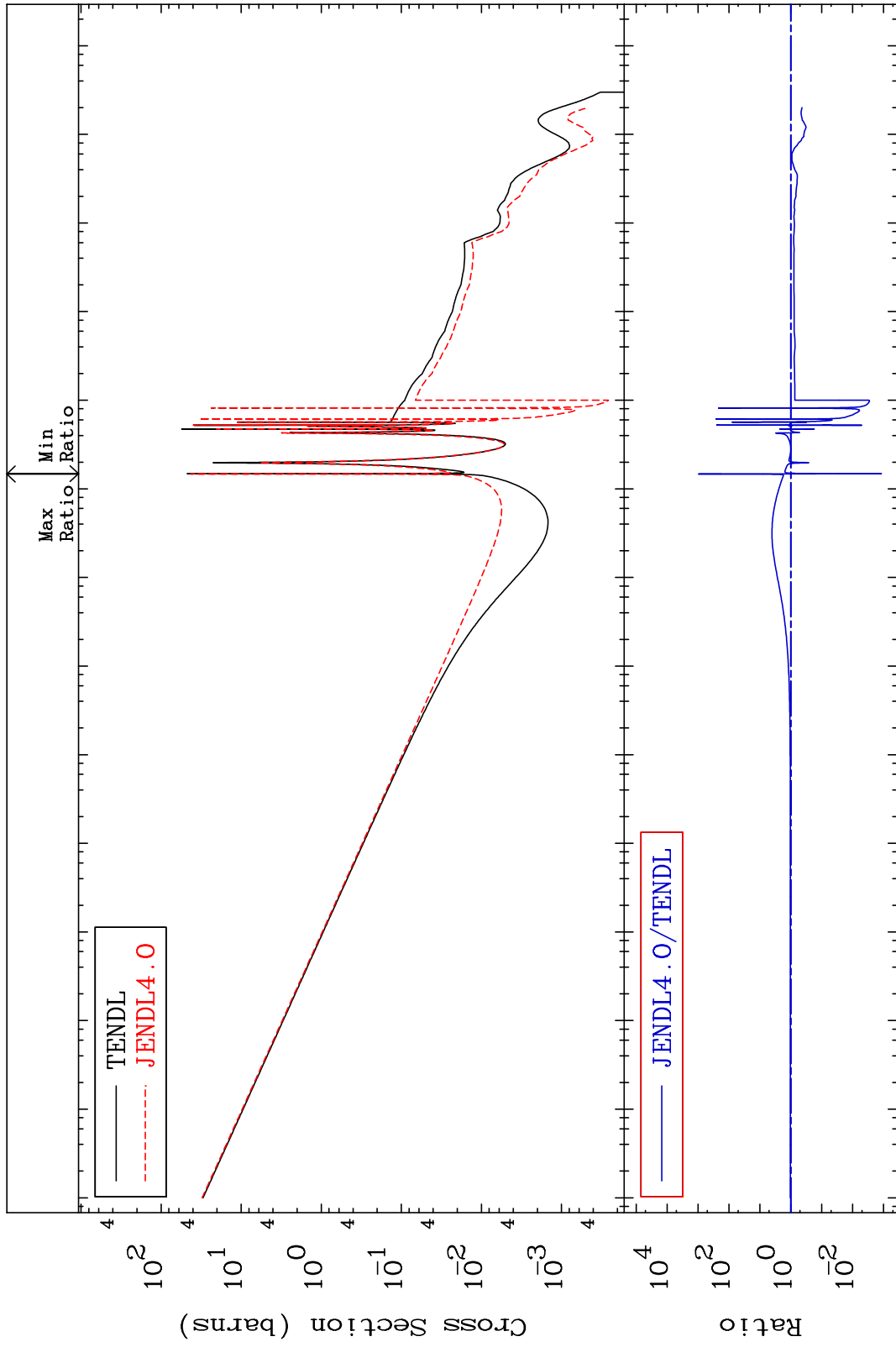
MAT 3443

(n, γ)

34-Se-80

Cross Section

-99.88 To 9999. %



39

Incident Energy (eV)

34-Se-80

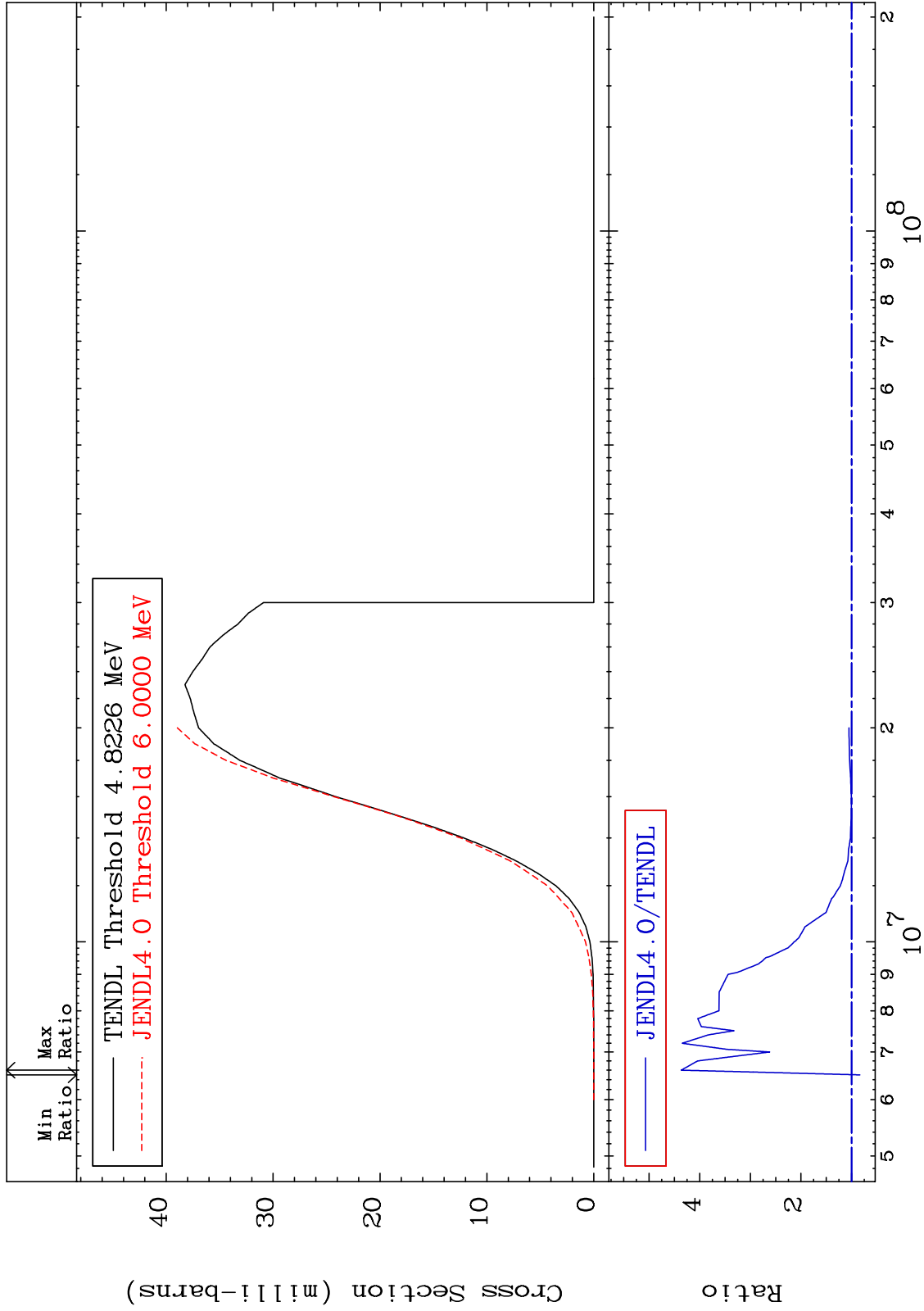
MAT 3443

(n,p)

³⁴Se-80

Cross Section

-16.32 To 336.4 %



40

Incident Energy (eV)

³⁴Se-80

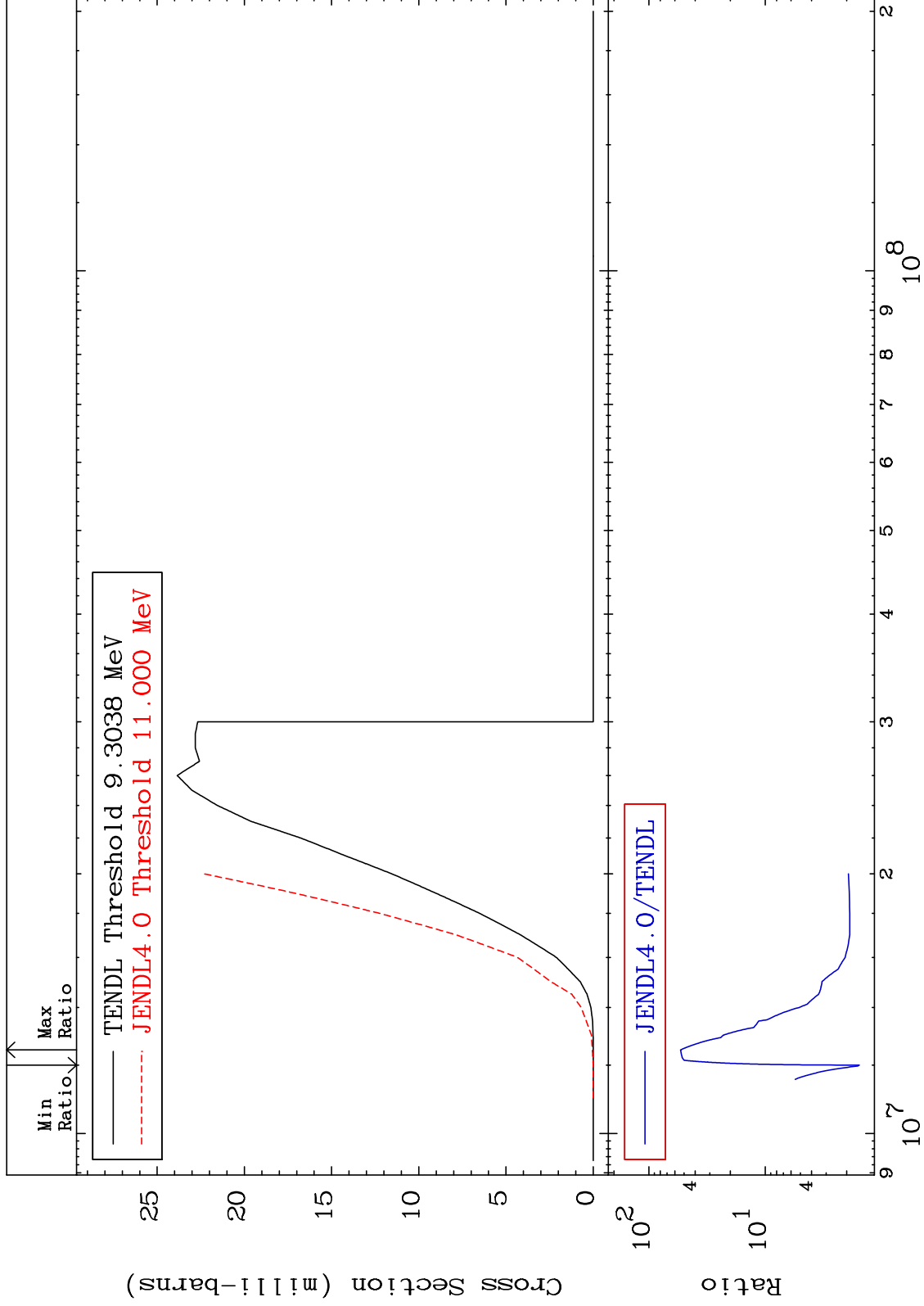
MAT 3443

(n,d)

34-Se-80

Cross Section

55.89 To 5244. %

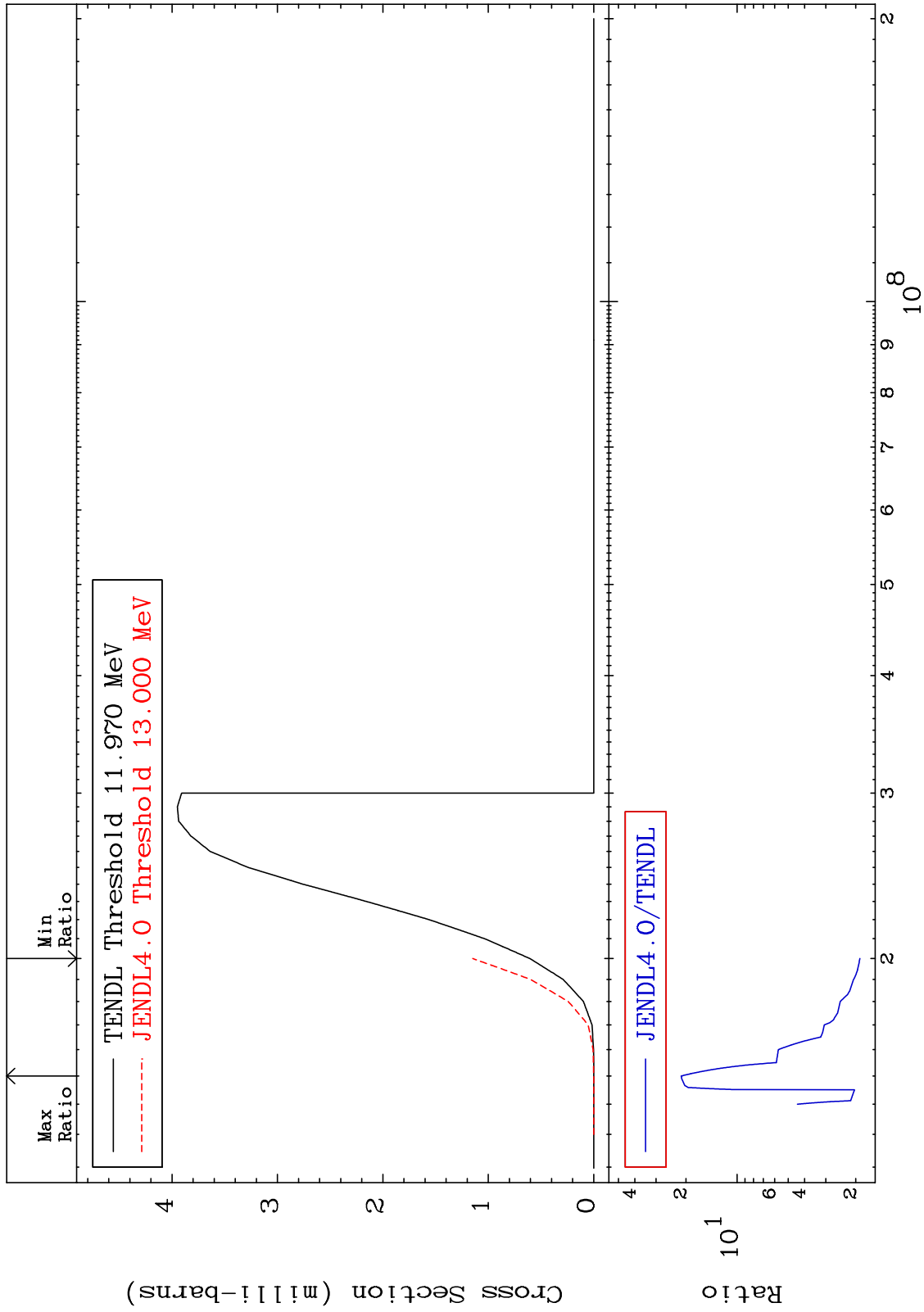


41

Incident Energy (eV)

34-Se-80

MAT 3443 (n, t) Cross Section 34-Se-80
89.10 To 2033. %



34-Se-80

Incident Energy (eV)

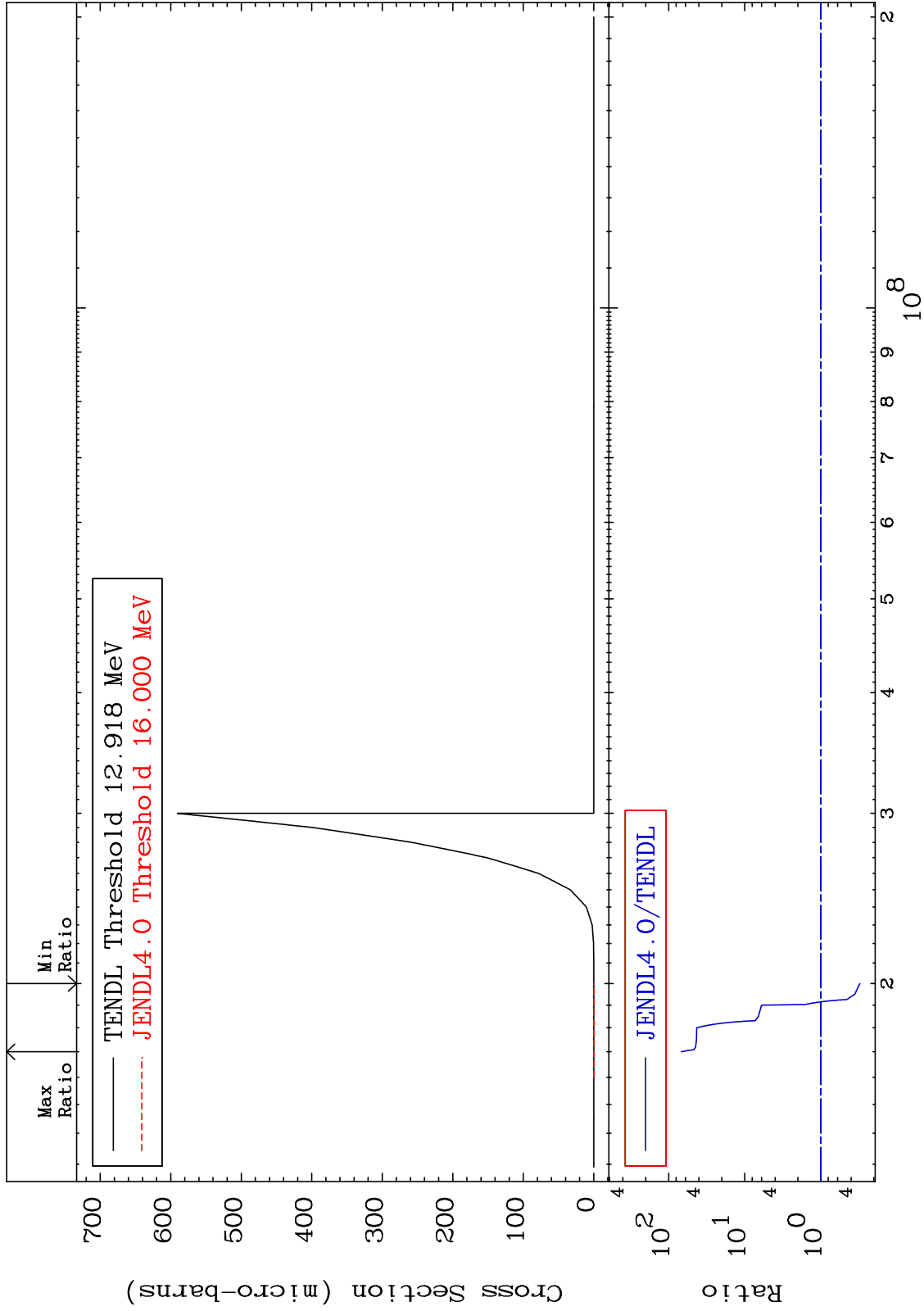
MAT 3443

(n, He-3)

34-Se-80

Cross Section

-69.41 To 6744. %



43

Incident Energy (eV)

34-Se-80

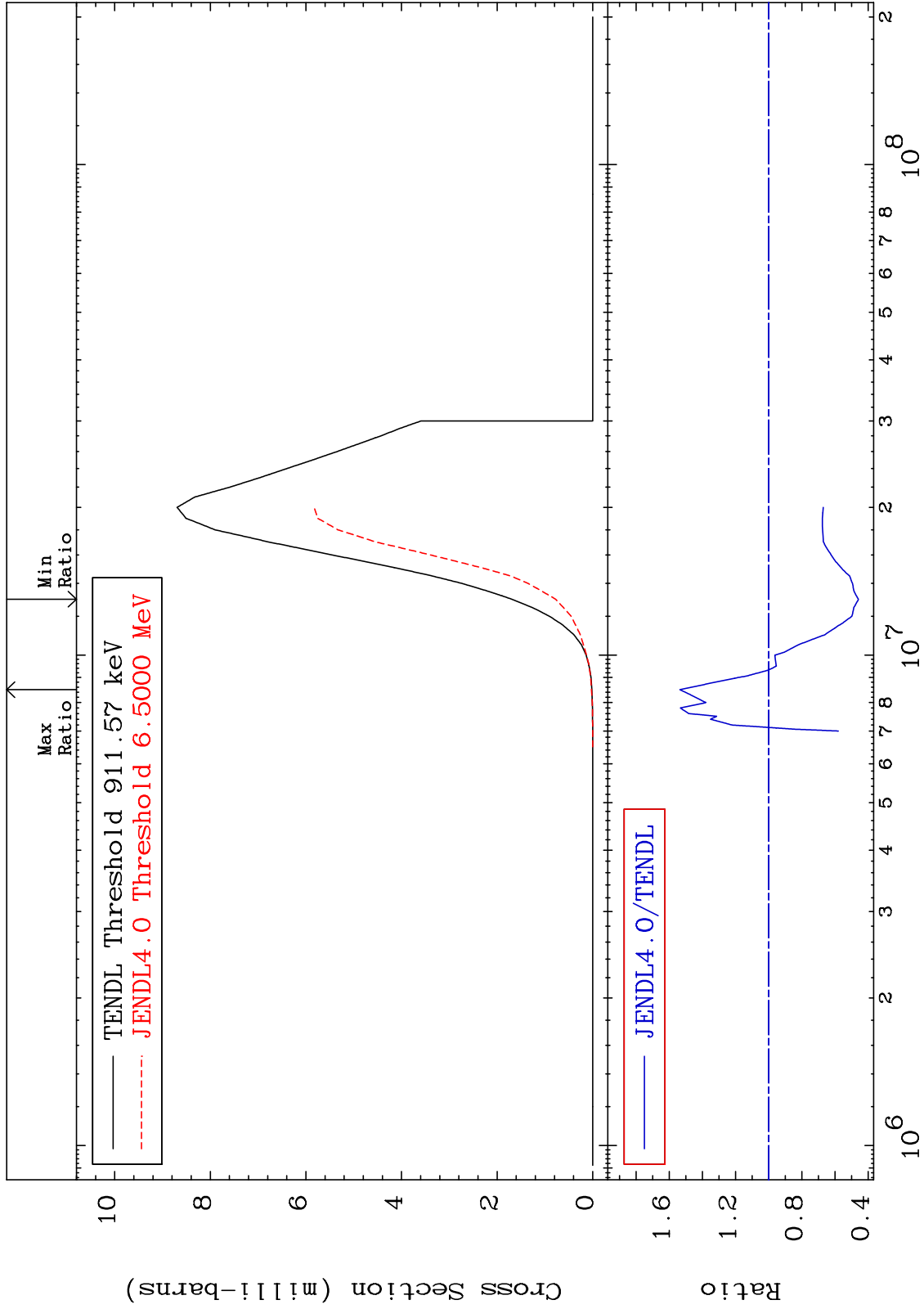
MAT 3443

(n, α)

34-Se-80

-54.17 To 53.48 %

Cross Section



44

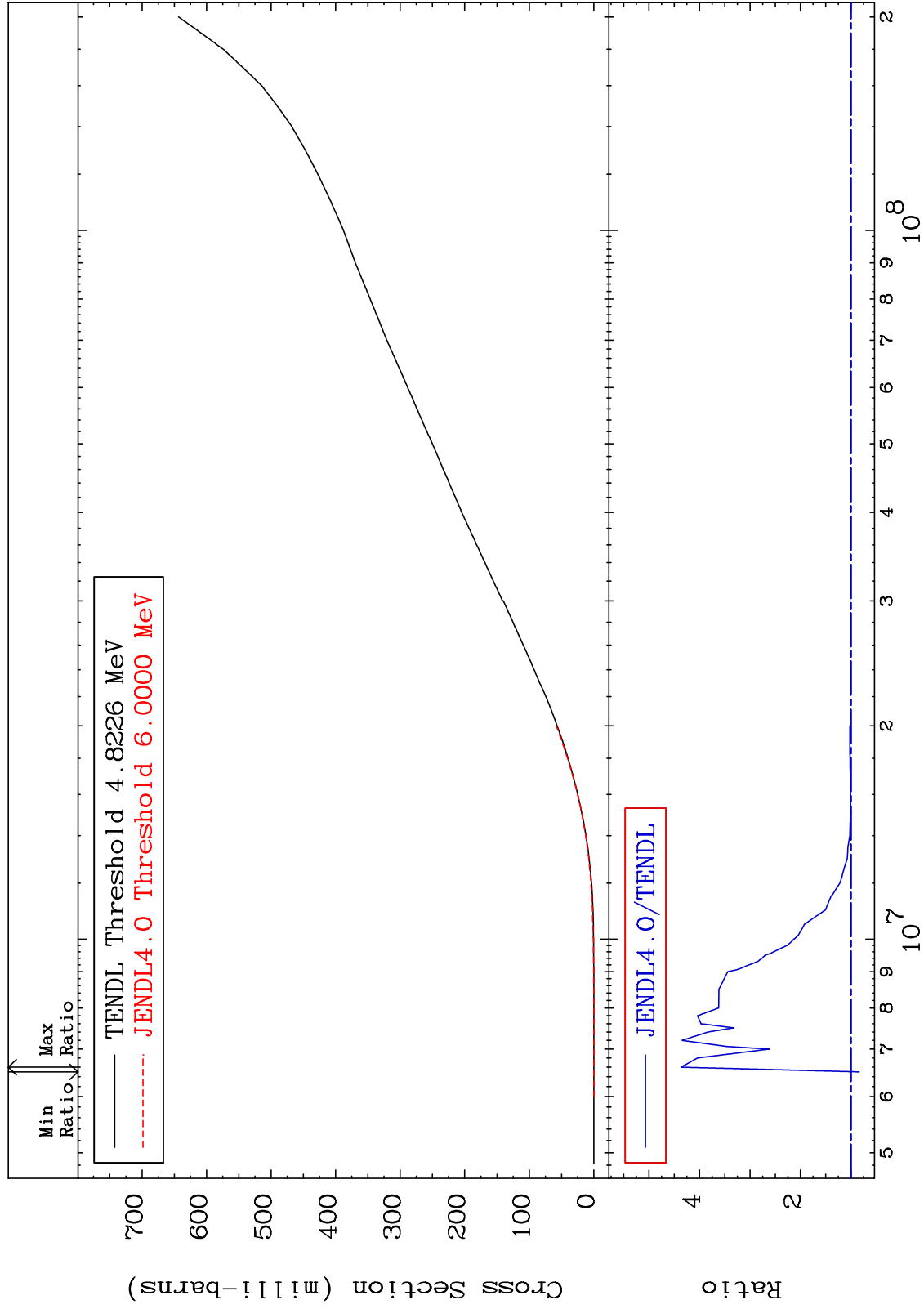
Incident Energy (eV)

34-Se-80

MAT 3443

Hydrogen Production
Cross Section

34-Se-80
-16.32 To 336.4 %



45

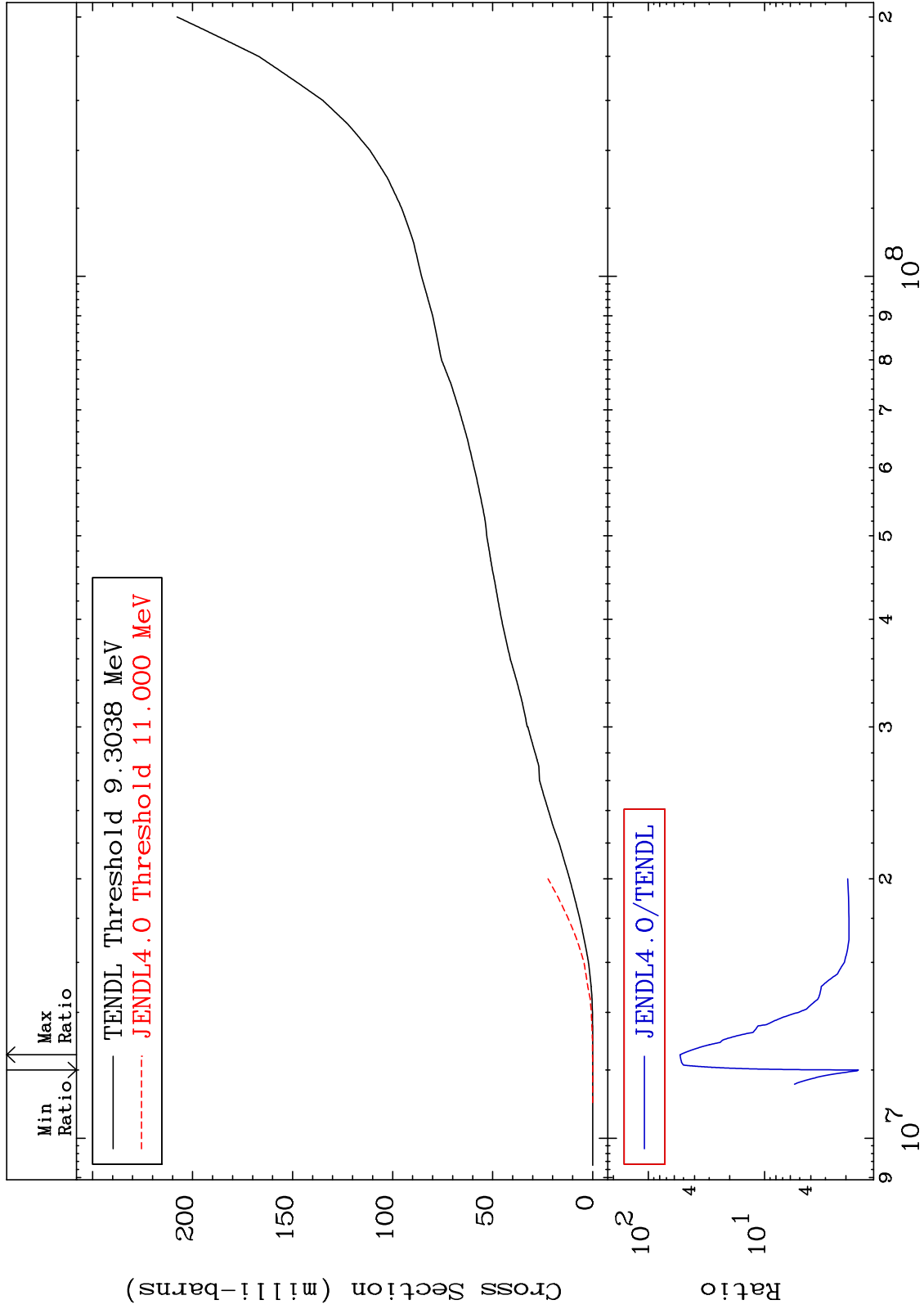
Incident Energy (eV)

34-Se-80

MAT 3443

Deuterium Production
Cross Section

34-Se-80
55.89 To 5244. %



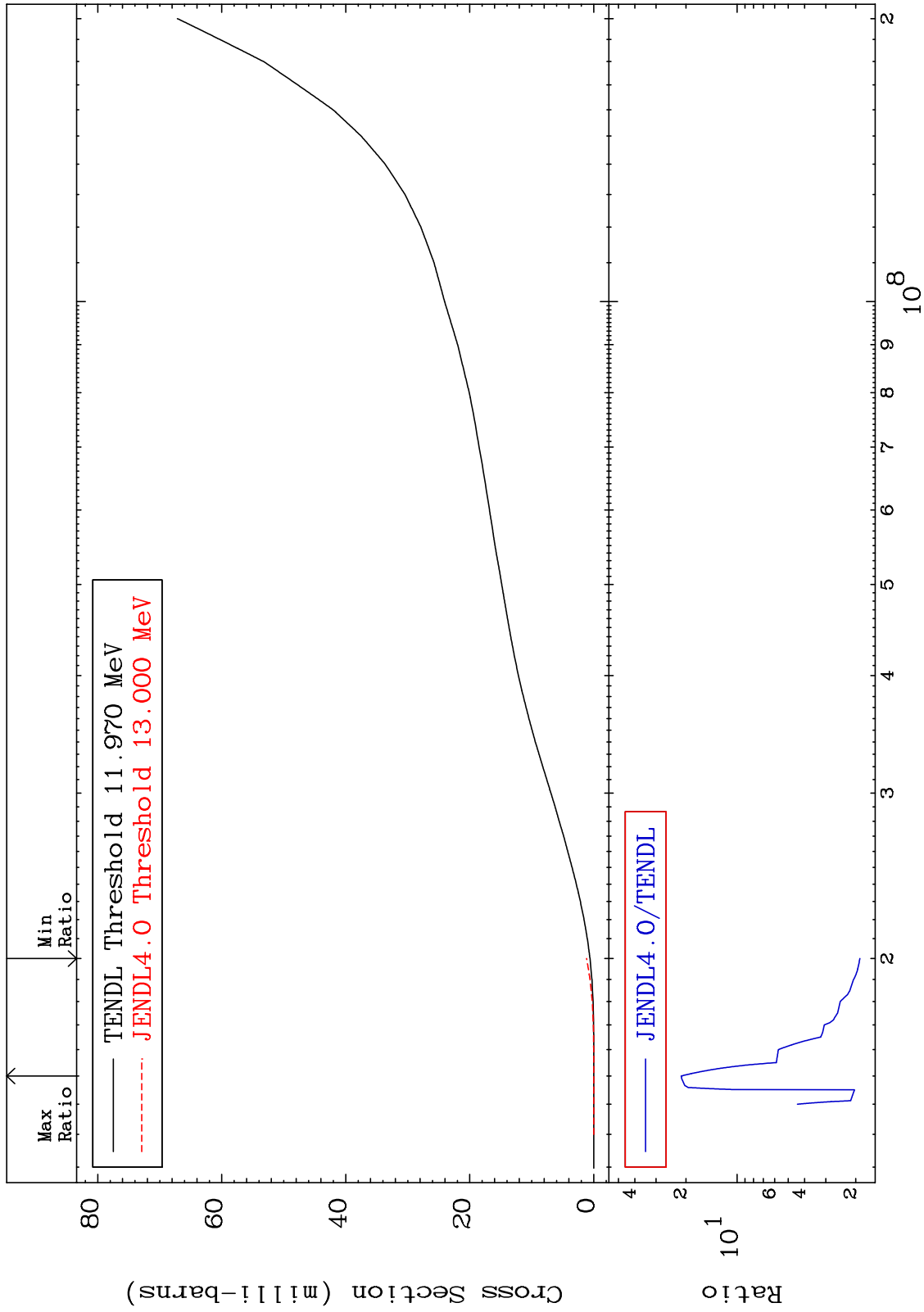
46

34-Se-80

MAT 3443

Tritium Production
Cross Section

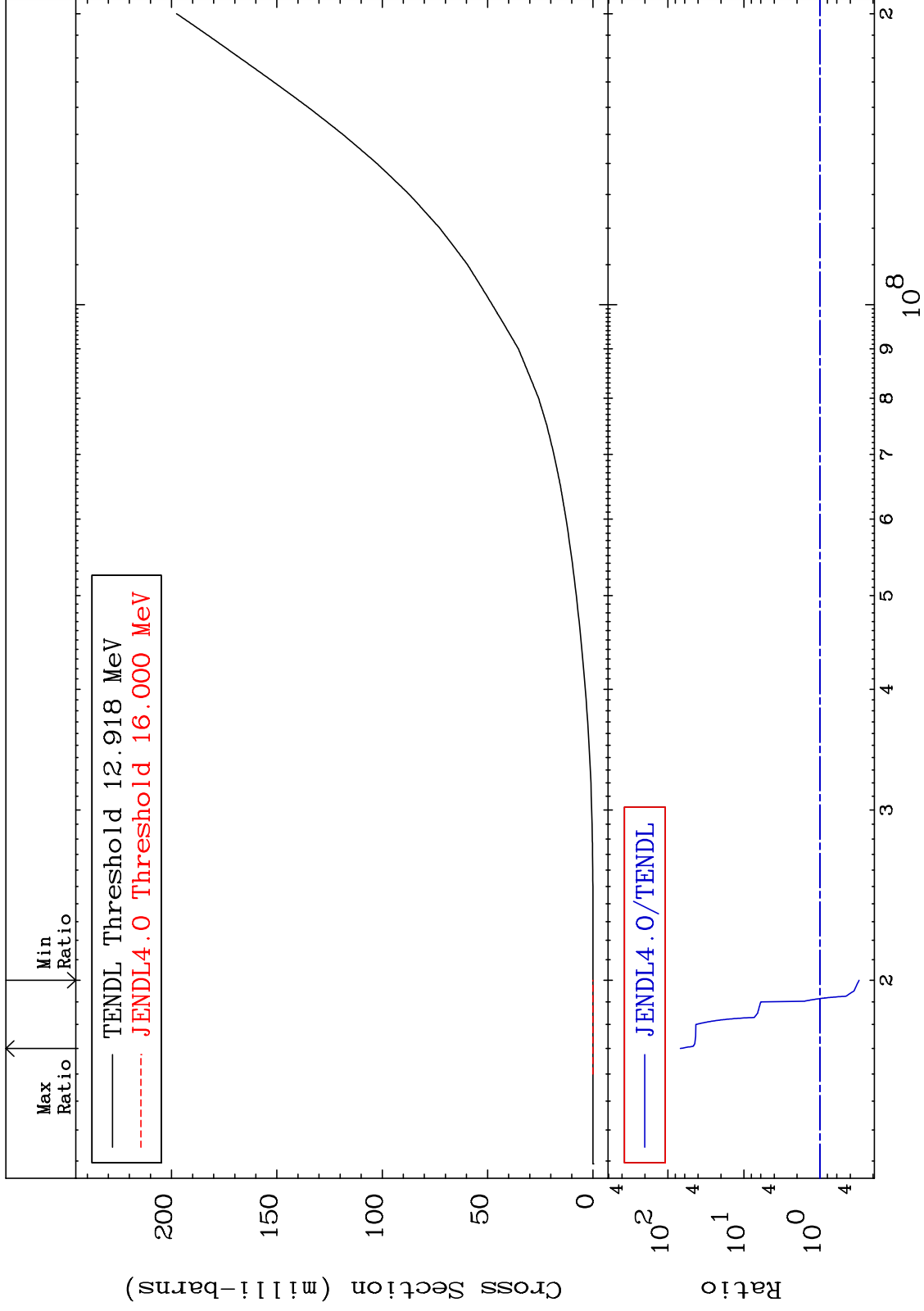
³⁴Se-80
89.10 To 2033. %



MAT 3443

He-3 Production
Cross Section

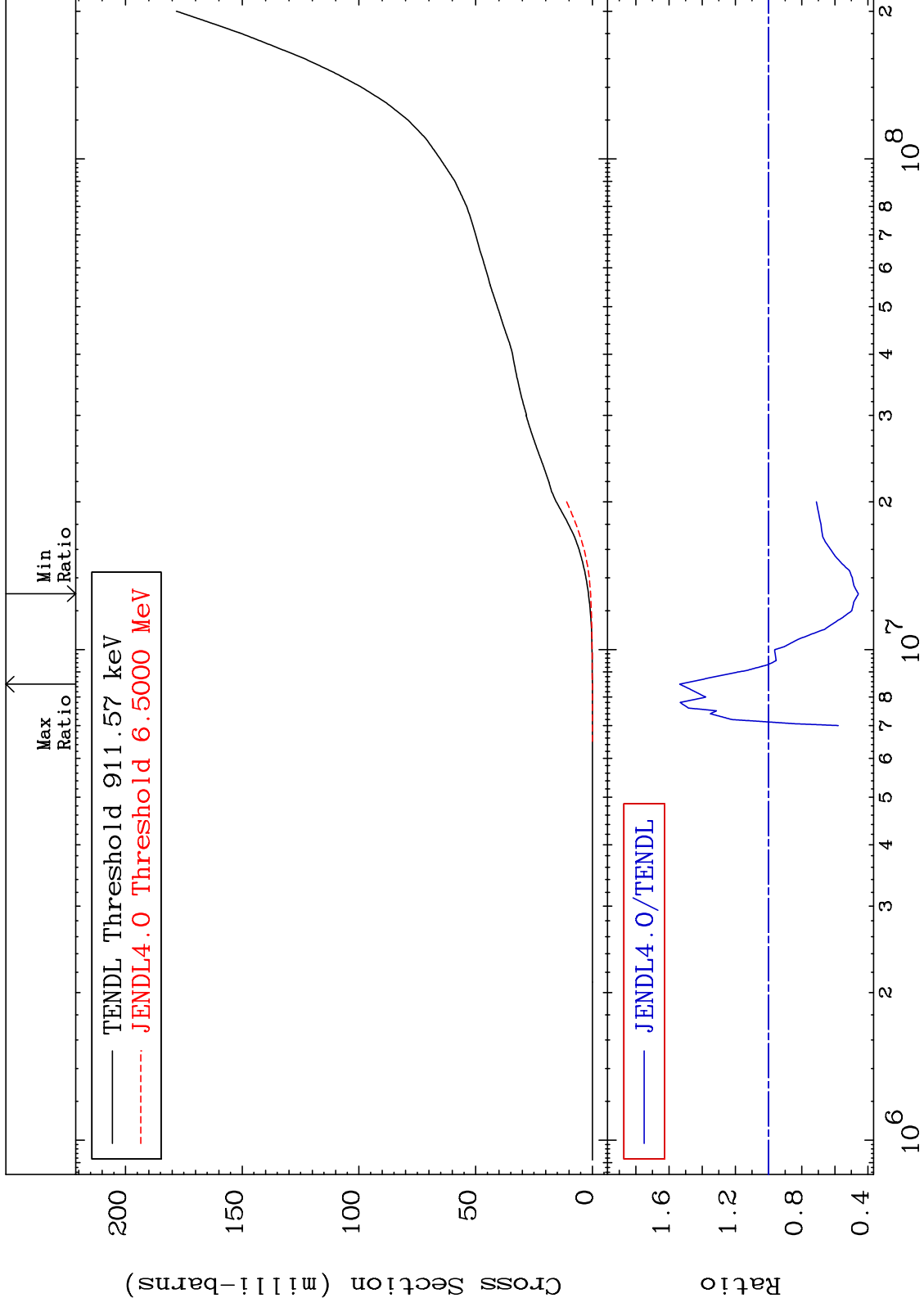
34-Se-80
-69.41 To 6744. %



MAT 3443

He-4 Production
Cross Section

34-Se-80
-54.18 To 53.48 %



49

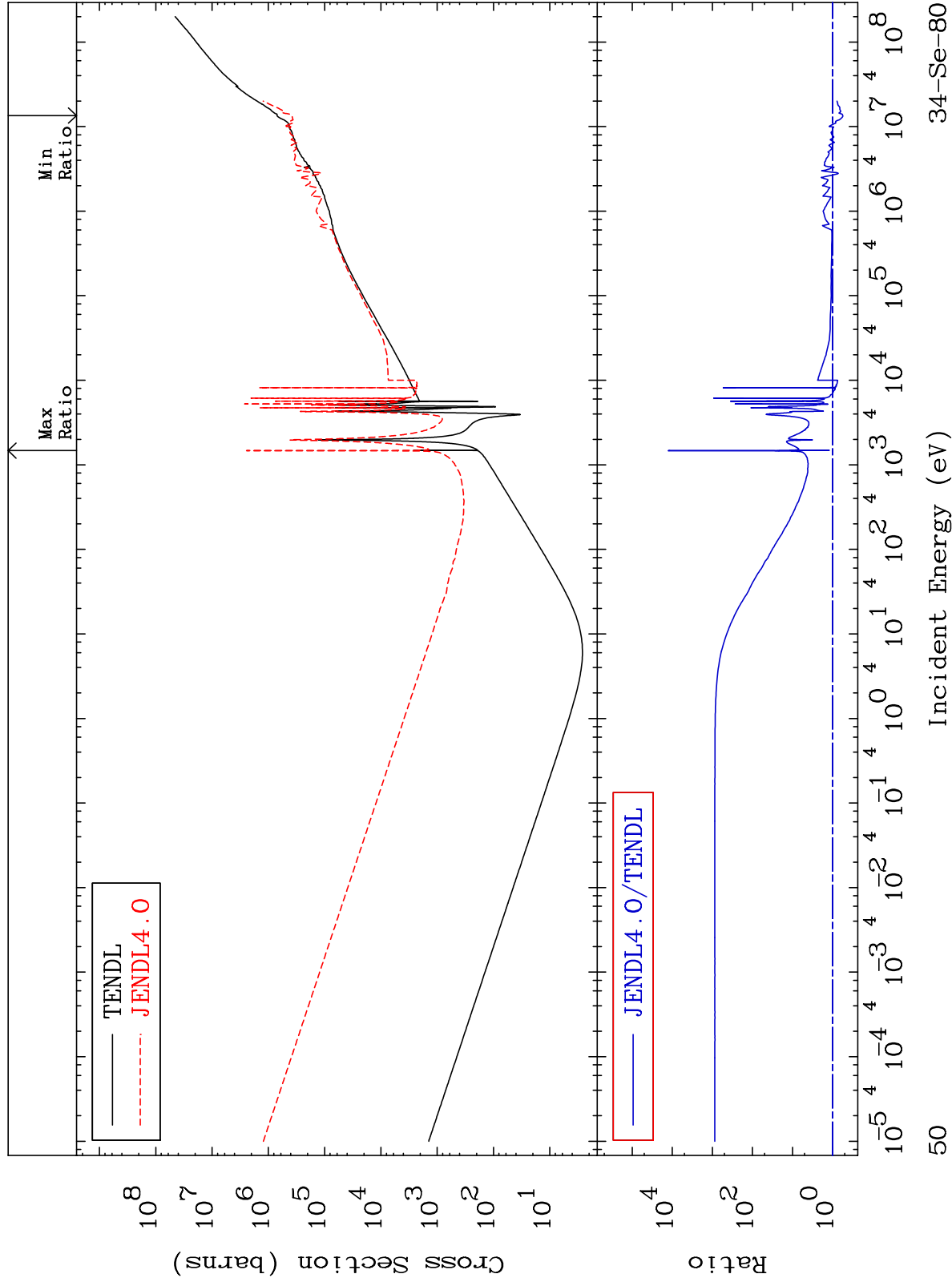
Incident Energy (eV)

34-Se-80

MAT 3443

Kerma total (eV-barns)
Cross Section

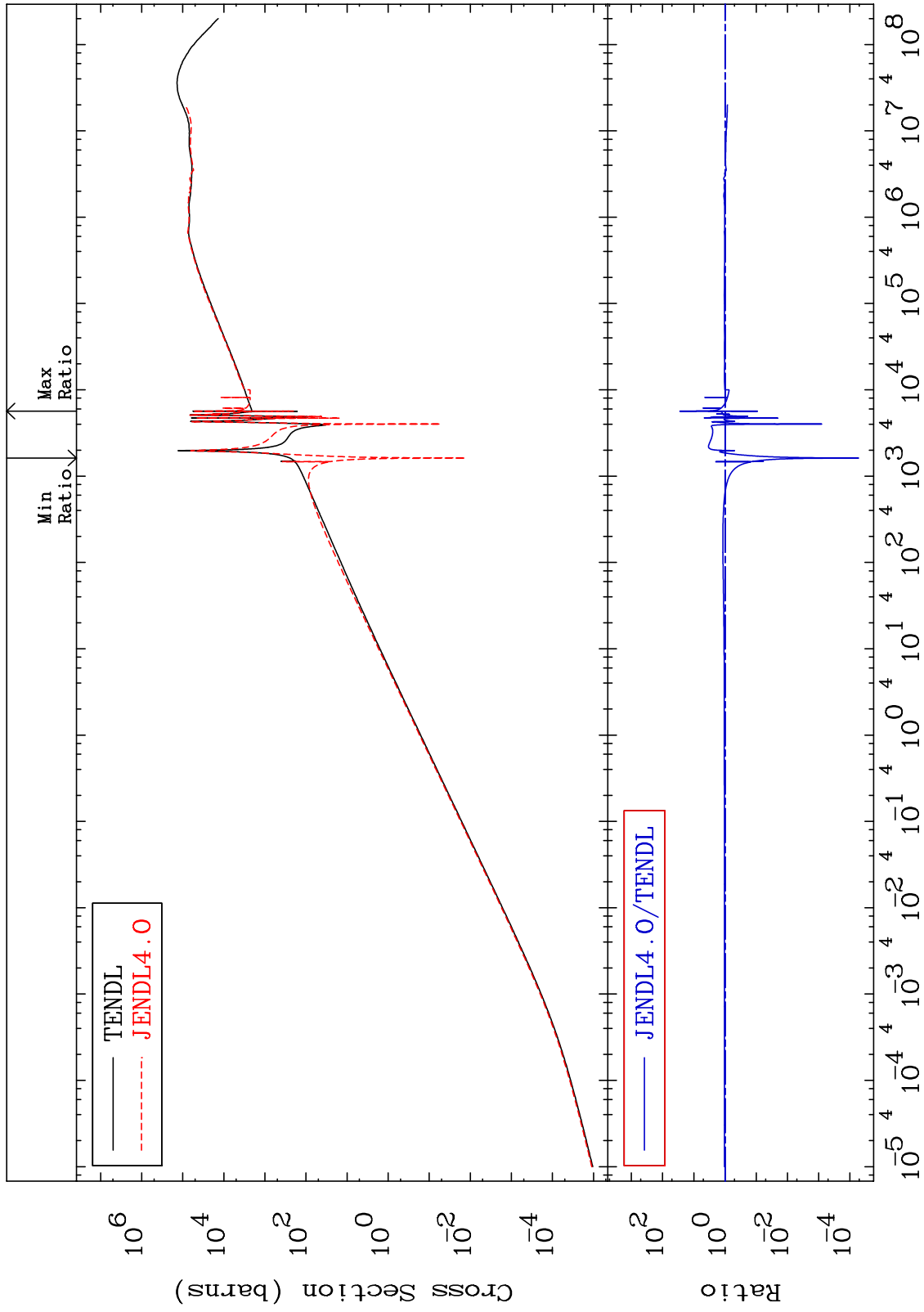
34-Se-80
-44.50 To 9999. %



MAT 3443

Kerma elastic
Cross Section

34-Se-80
-99.99 To 2664. %



51

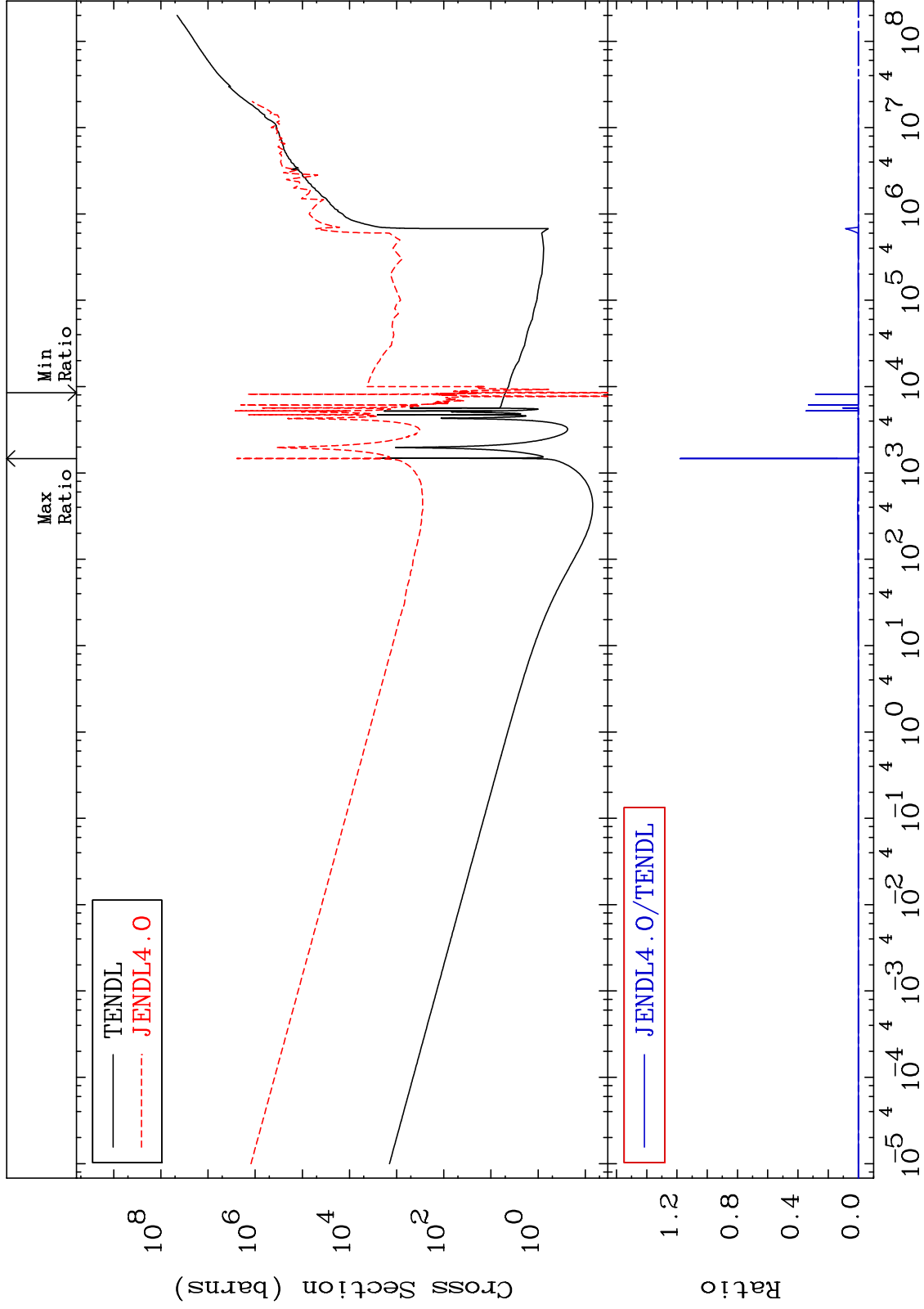
Incident Energy (eV)

34-Se-80

MAT 3443

Kerma non-elastic (all but mt2)
Cross Section

34-Se-80
-354.4 To 9999. %



52

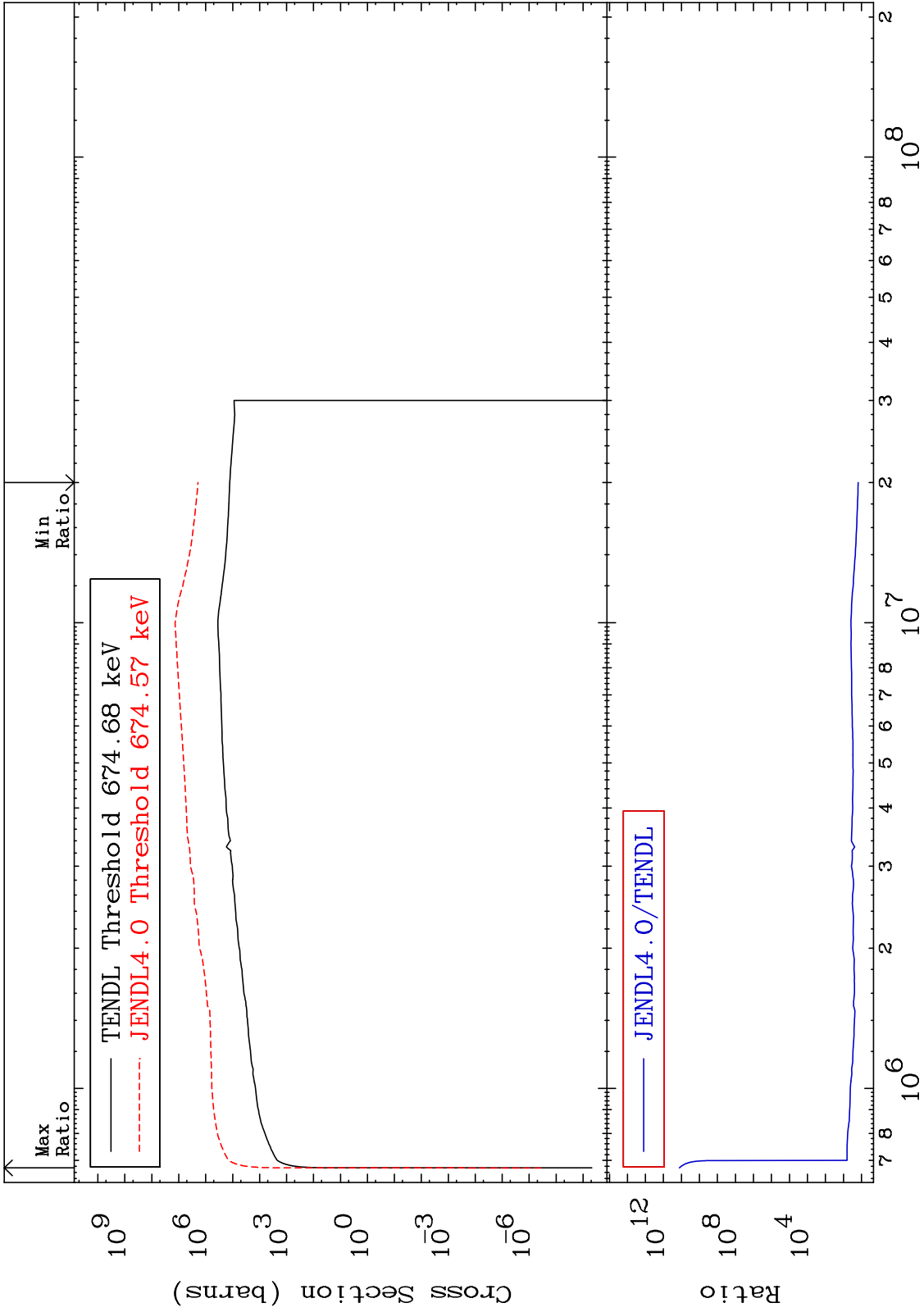
Incident Energy (eV)

34-Se-80

MAT 3443

Kerma inelastic (mt51-91)
Cross Section

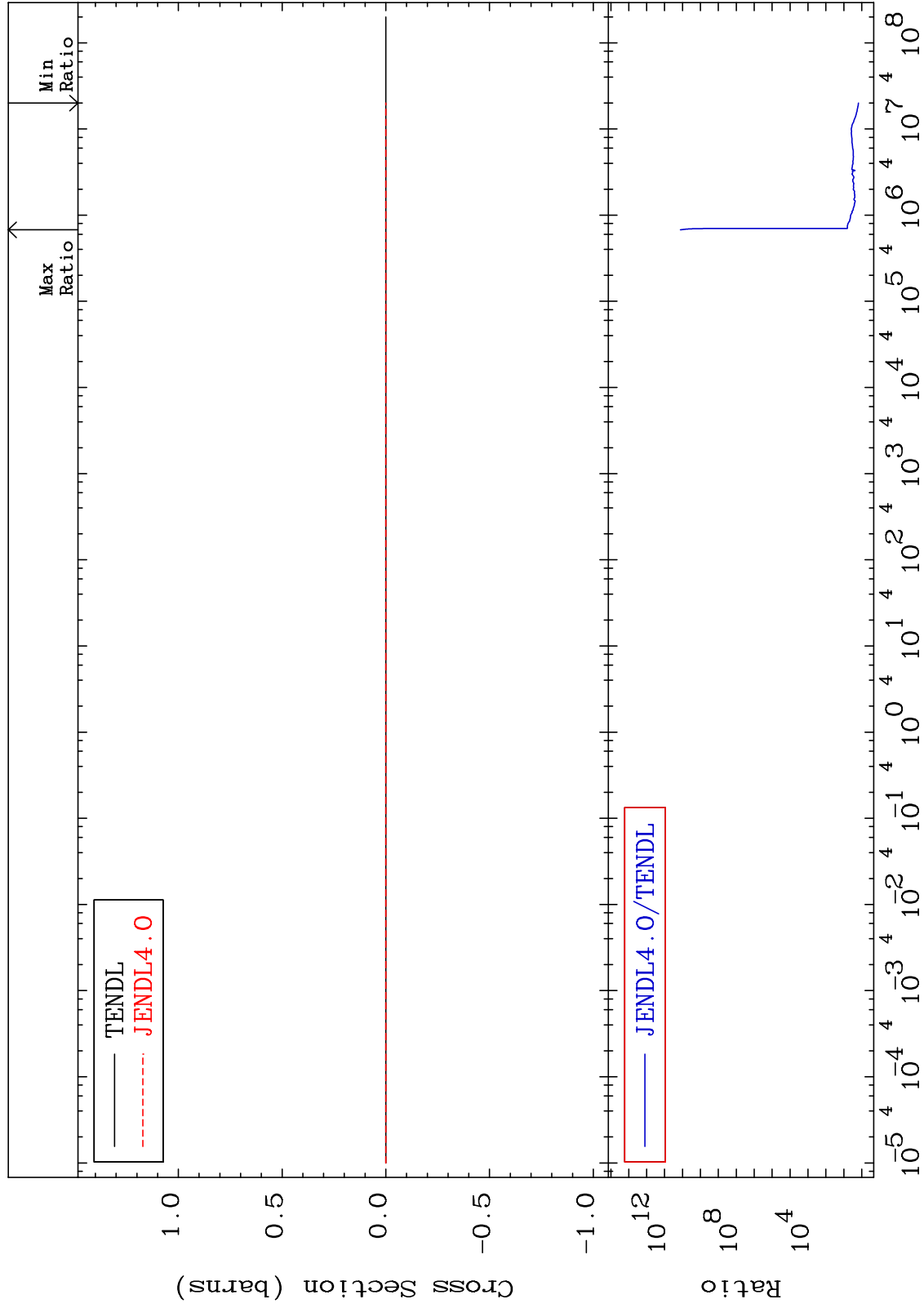
34-Se-80
1410. To 9999. %



MAT 3443

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

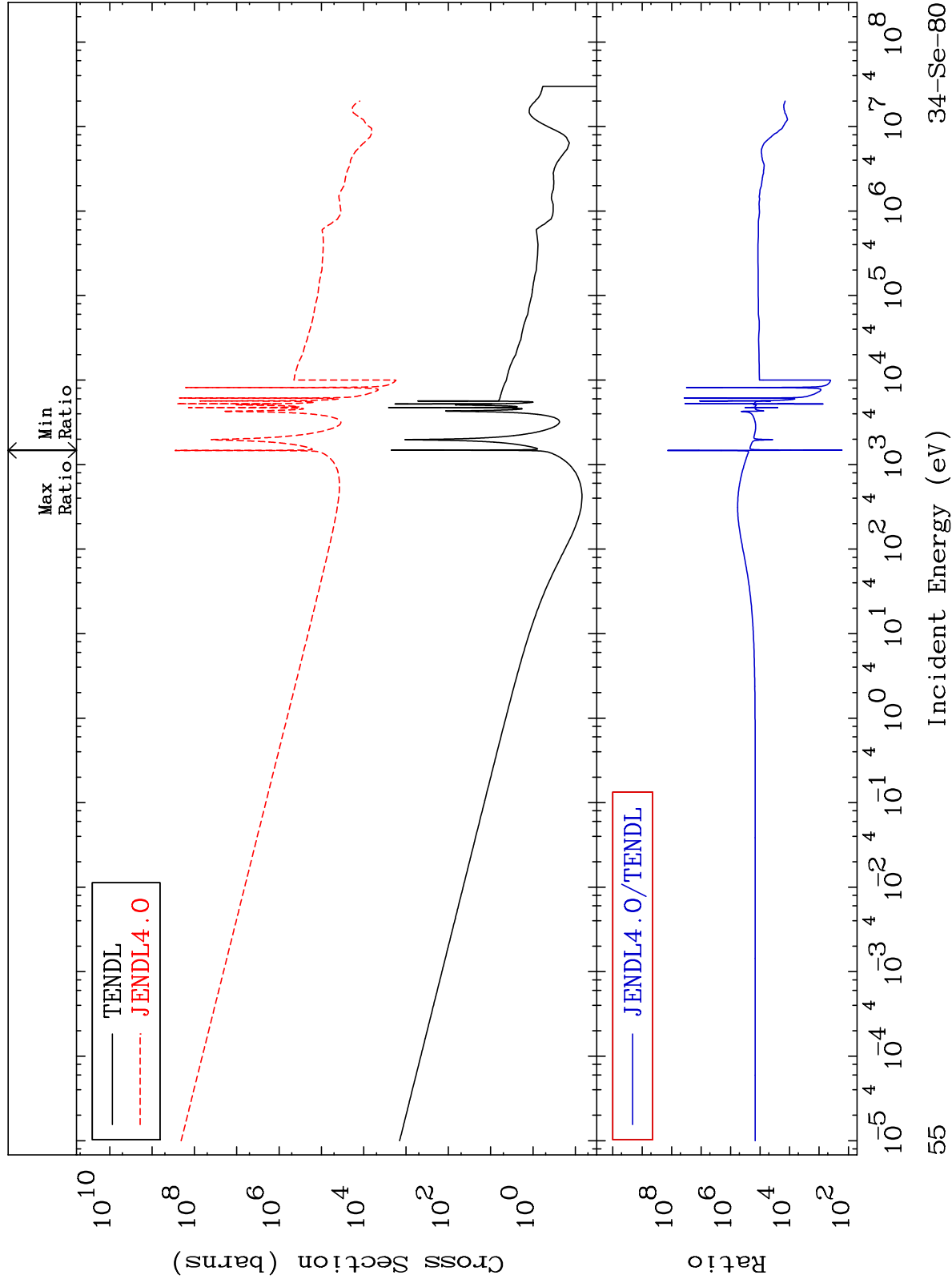
34-Se-80
1410. To 9999. %



MAT 3443

Kerma capture (mt102)
Cross Section

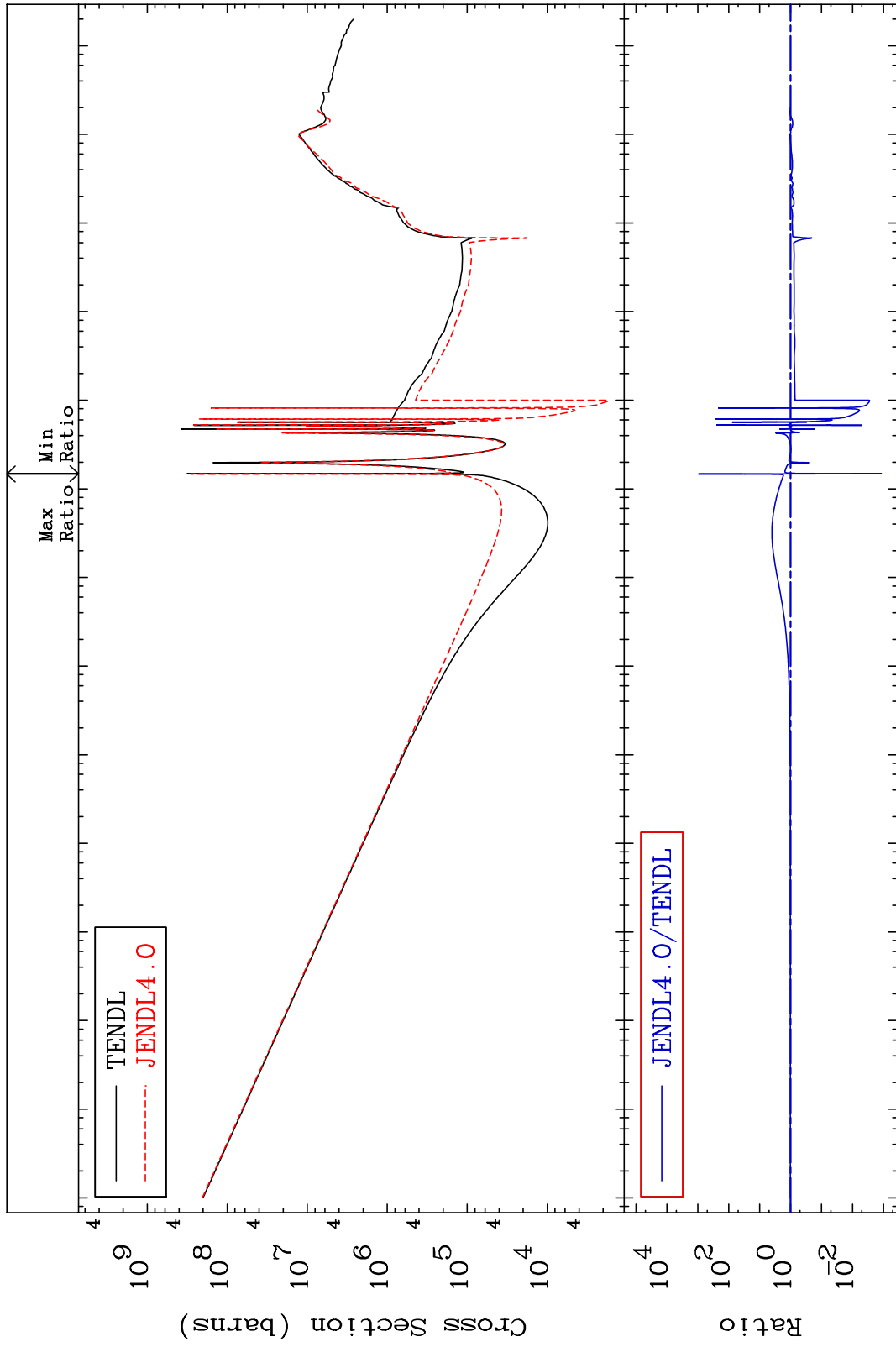
34-Se-80
9999. To 9999. %



MAT 3443

Total photon (eV-barns)
Cross Section

34-Se-80
-99.89 To 9999. %



56

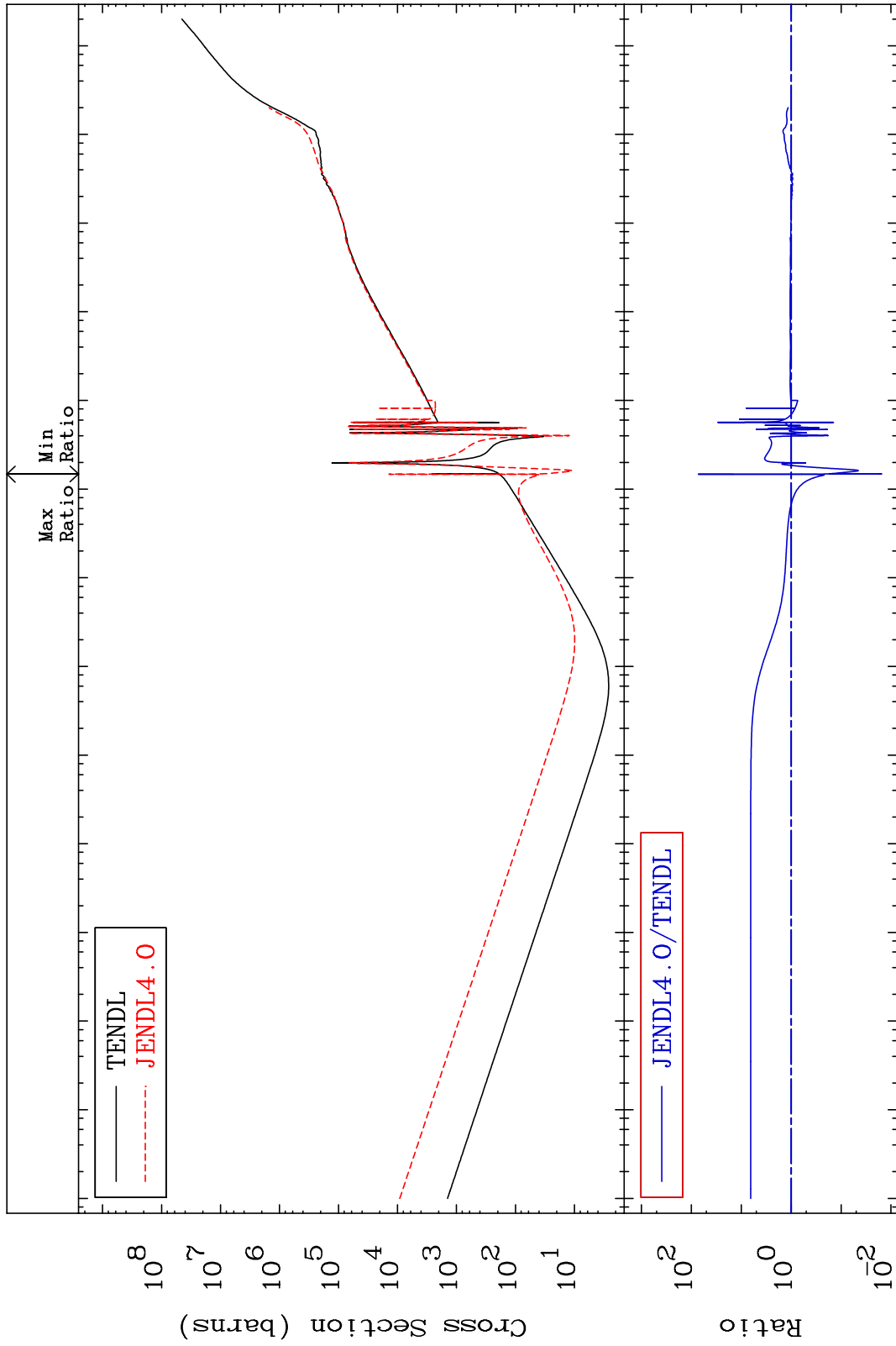
Incident Energy (eV)

34-Se-80

MAT 3443

Total kinematic kerma (high limit)
Cross Section

34-Se-80
-98.45 To 7153. %



57

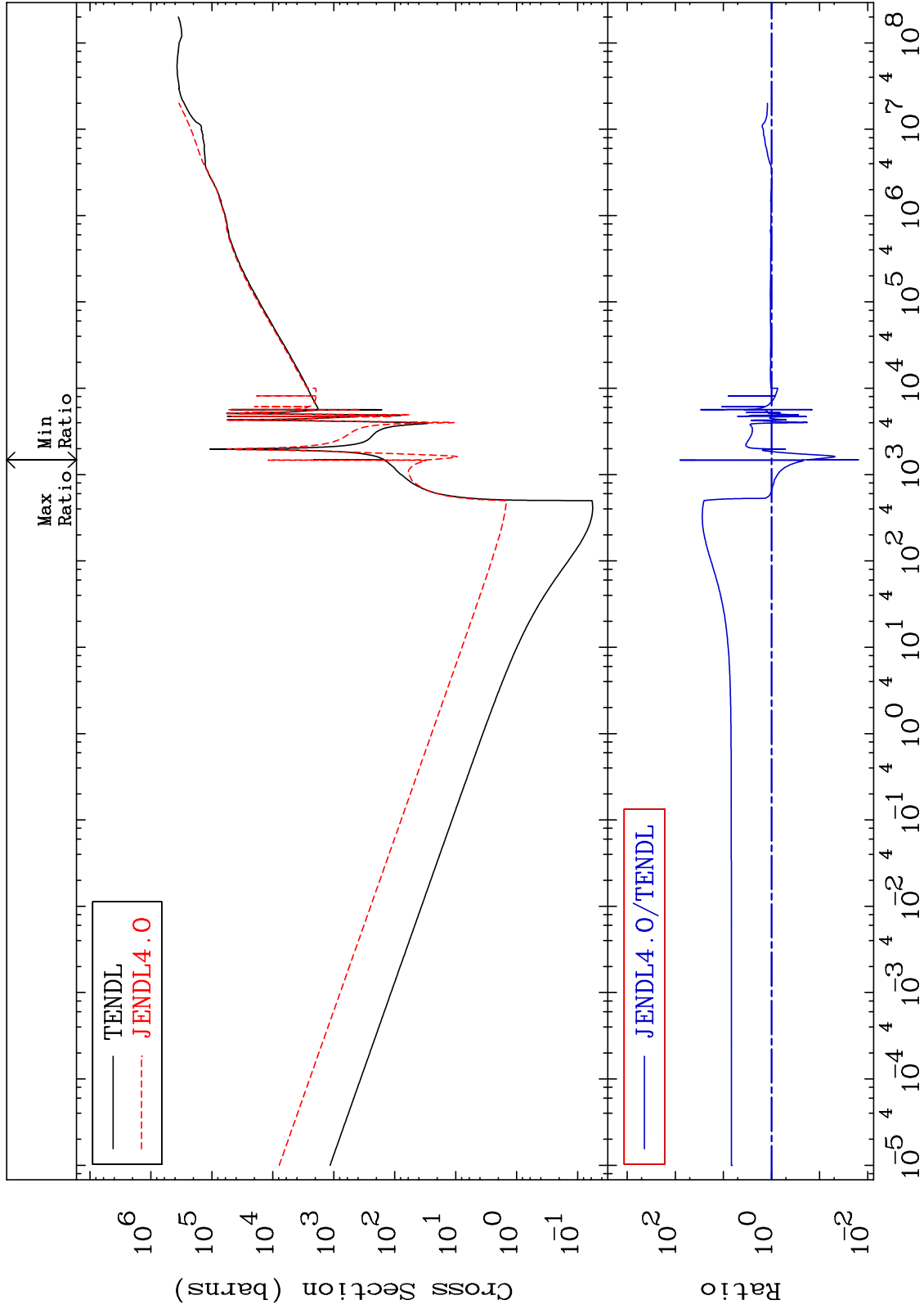
Incident Energy (eV)

34-Se-80

MAT 3443

Dpa total (eV-barns)
Cross Section

34-Se-80
-98.44 To 7865. %



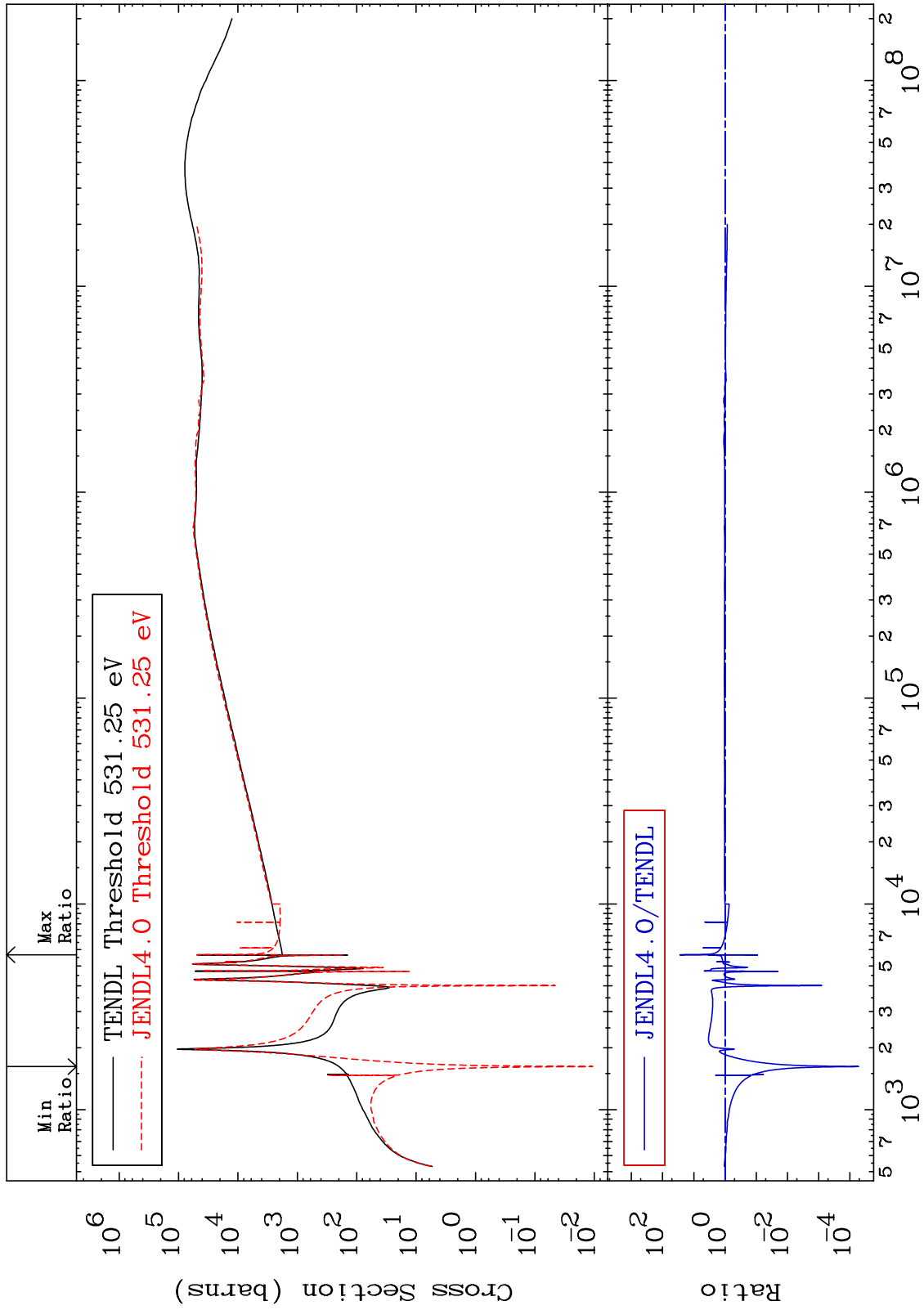
58

34-Se-80

MAT 3443

Dpa elastic (mt2)
Cross Section

34-Se-80
-99.99 To 2664. %



59

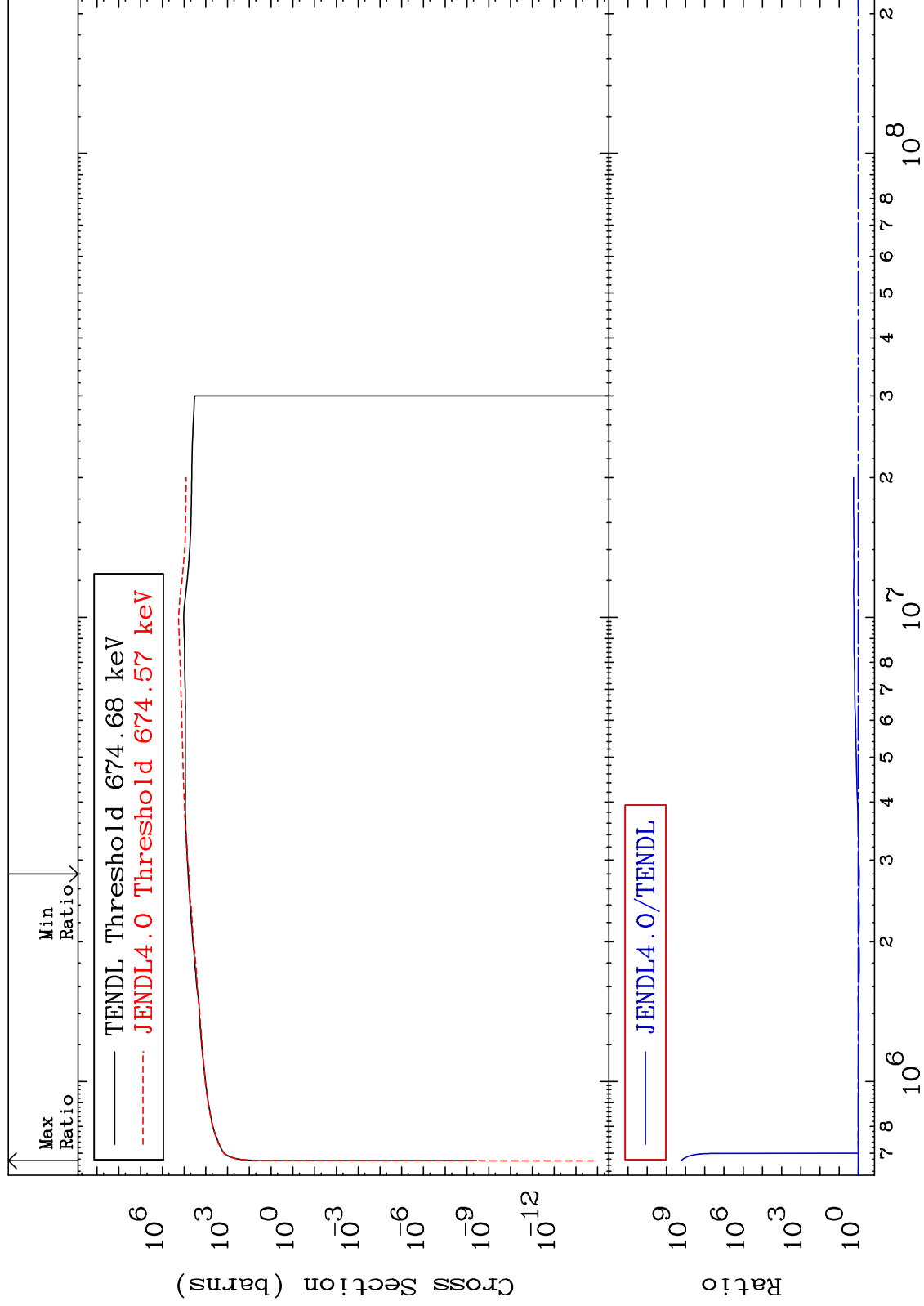
34-Se-80

34-Se-80

MAT 3443

Dpa inelastic (mt51-91)
Cross Section

34-Se-80
-9.657 To 9999. %



60

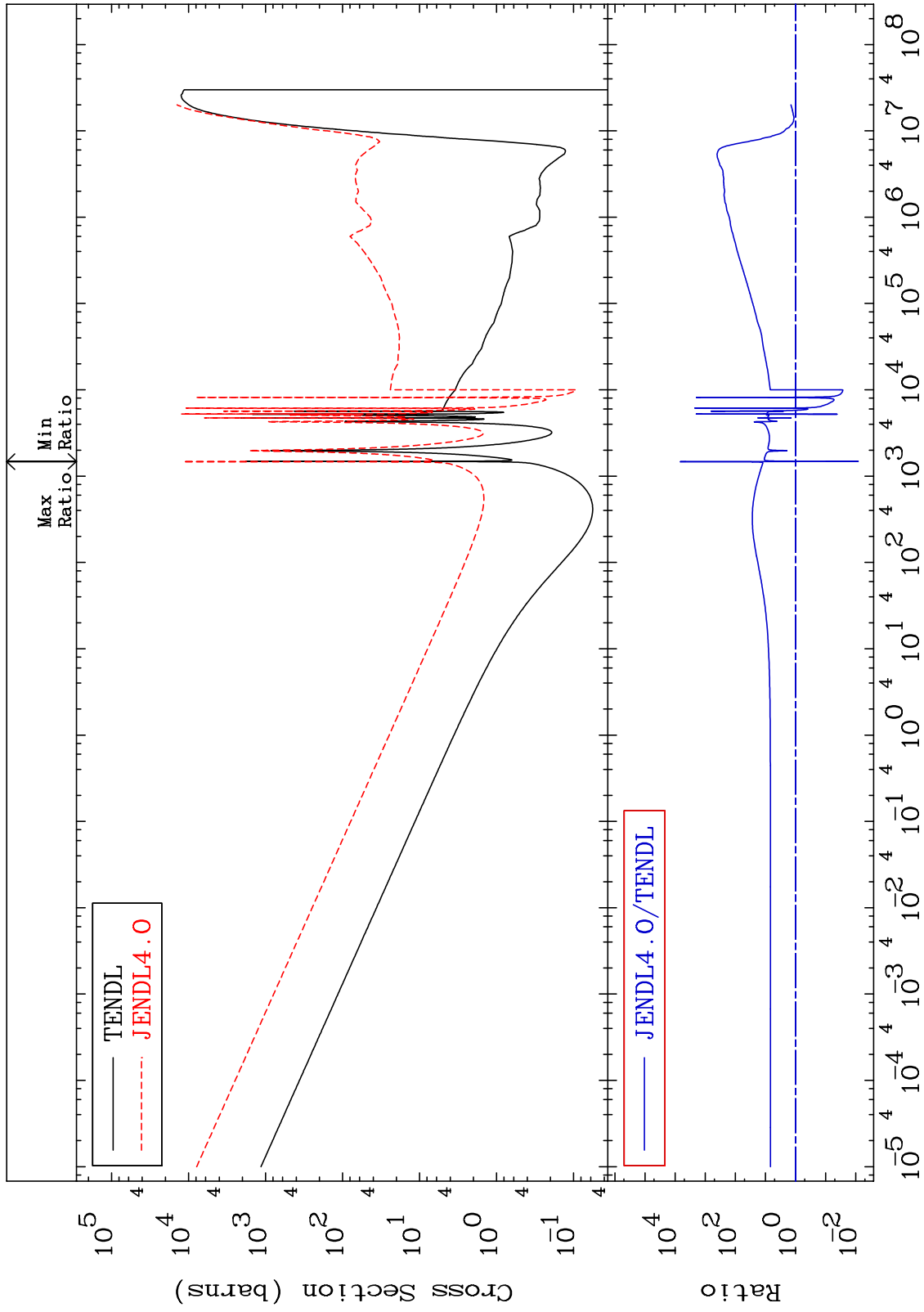
Incident Energy (eV)

34-Se-80

MAT 3443

Dpa disappearance (mt102 -120)
Cross Section

34-Se-80
-99.18 To 9999. %



61

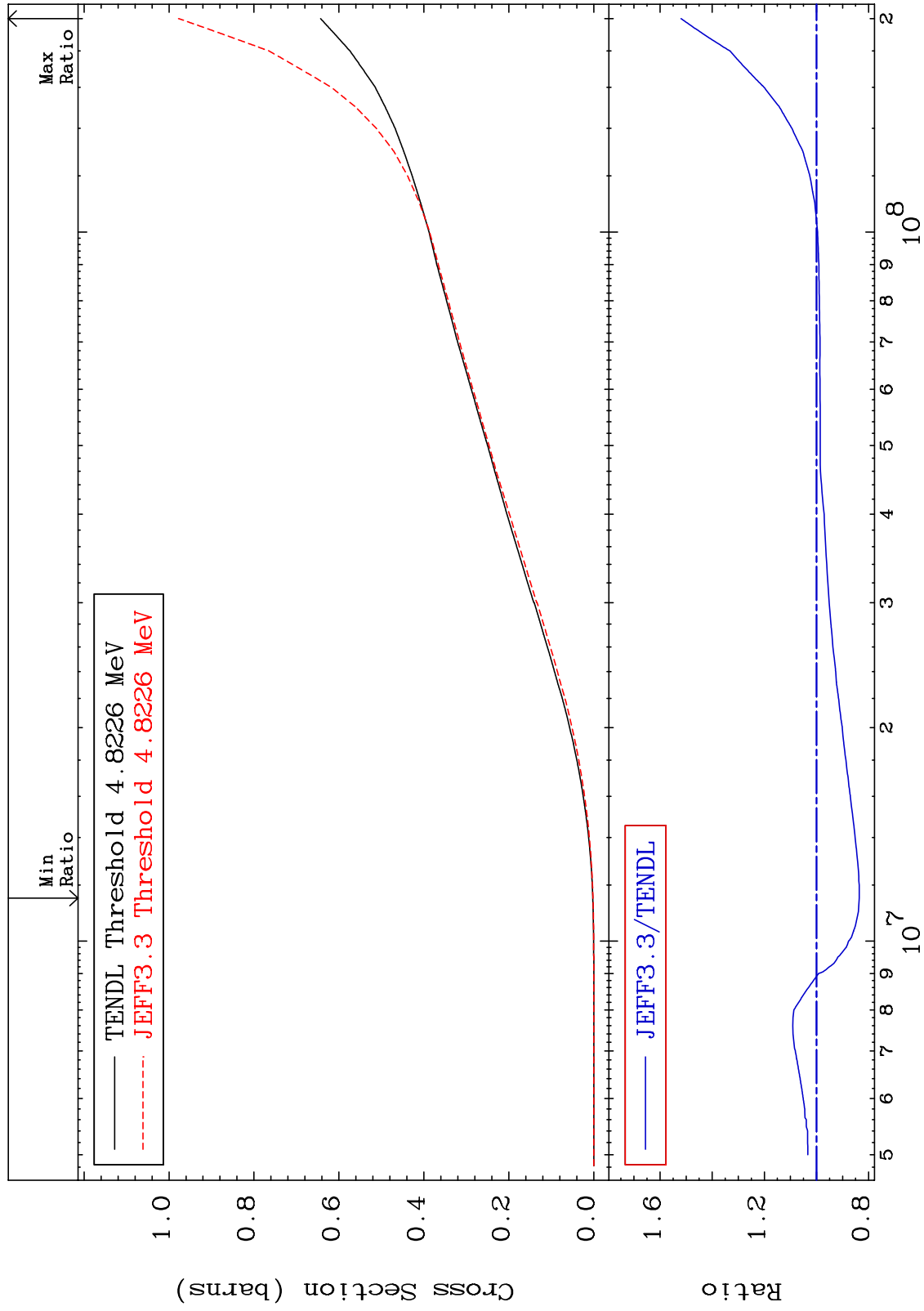
Incident Energy (eV)

34-Se-80

MAT 3443

Hydrogen Production
Cross Section

34-Se-80
-16.41 To 51.94 %



62

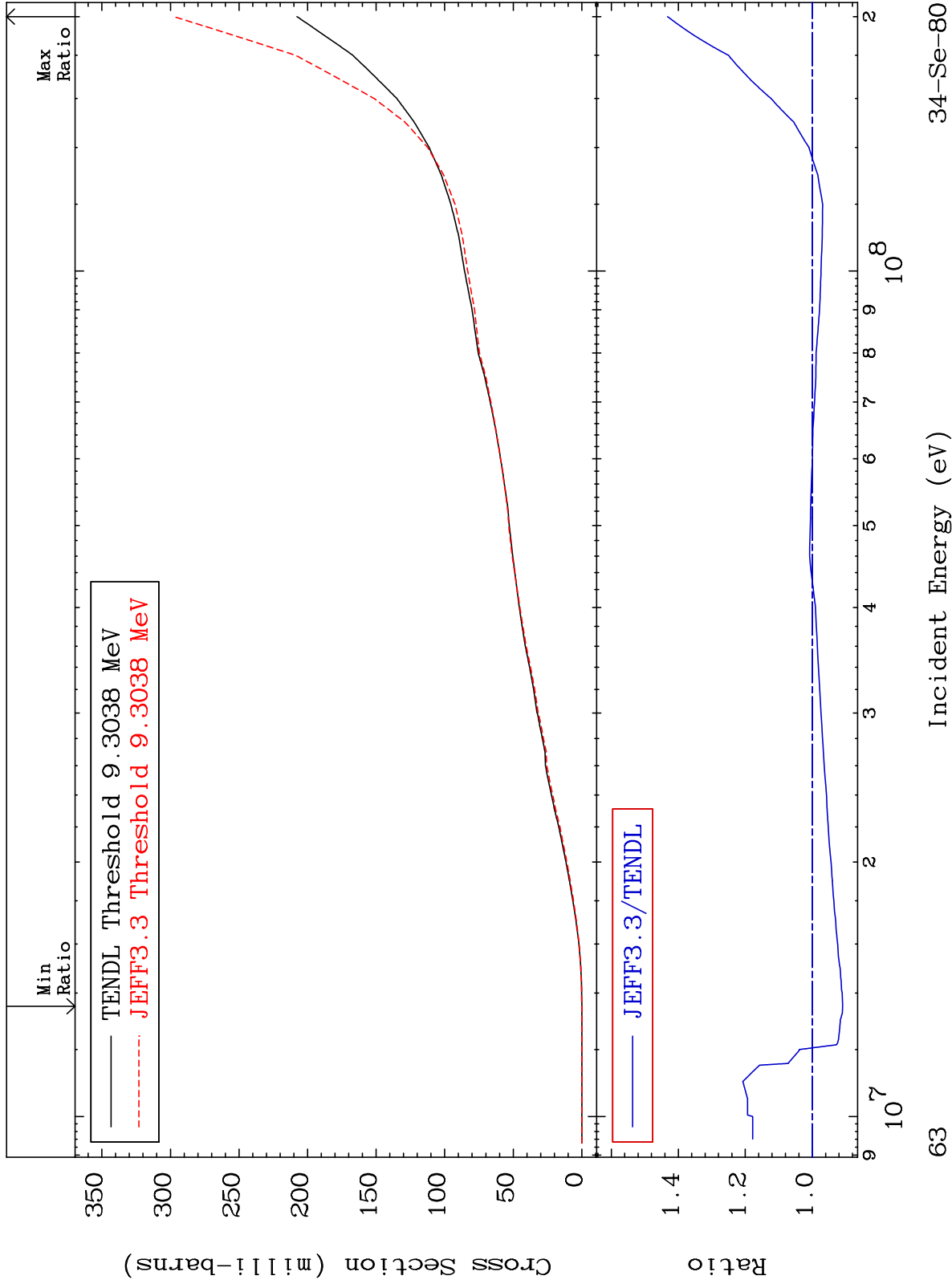
Incident Energy (eV)

34-Se-80

MAT 3443

Deuterium Production
Cross Section

³⁴Se-80
-9.085 To 43.21 %

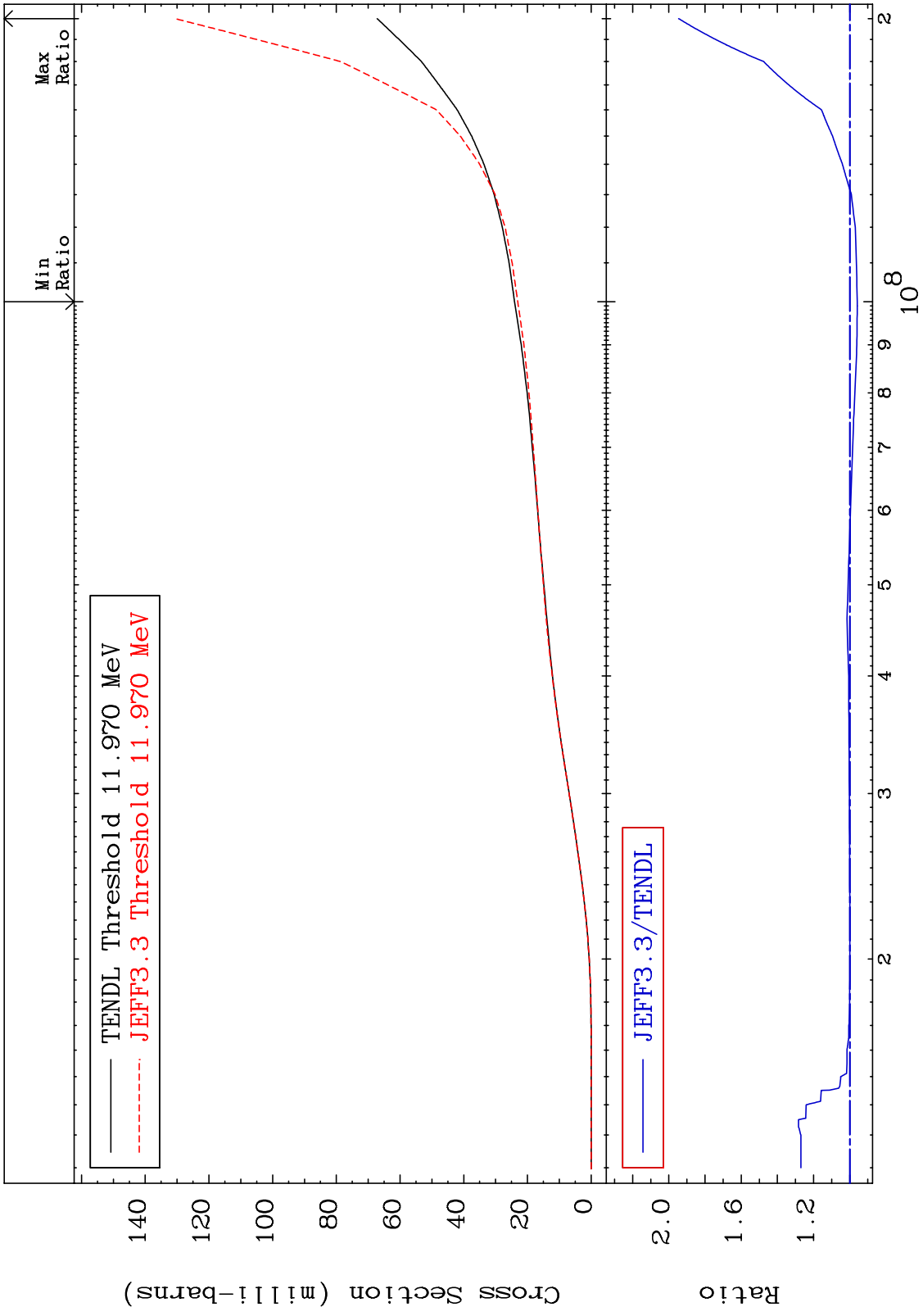


63

MAT 3443

Tritium Production
Cross Section

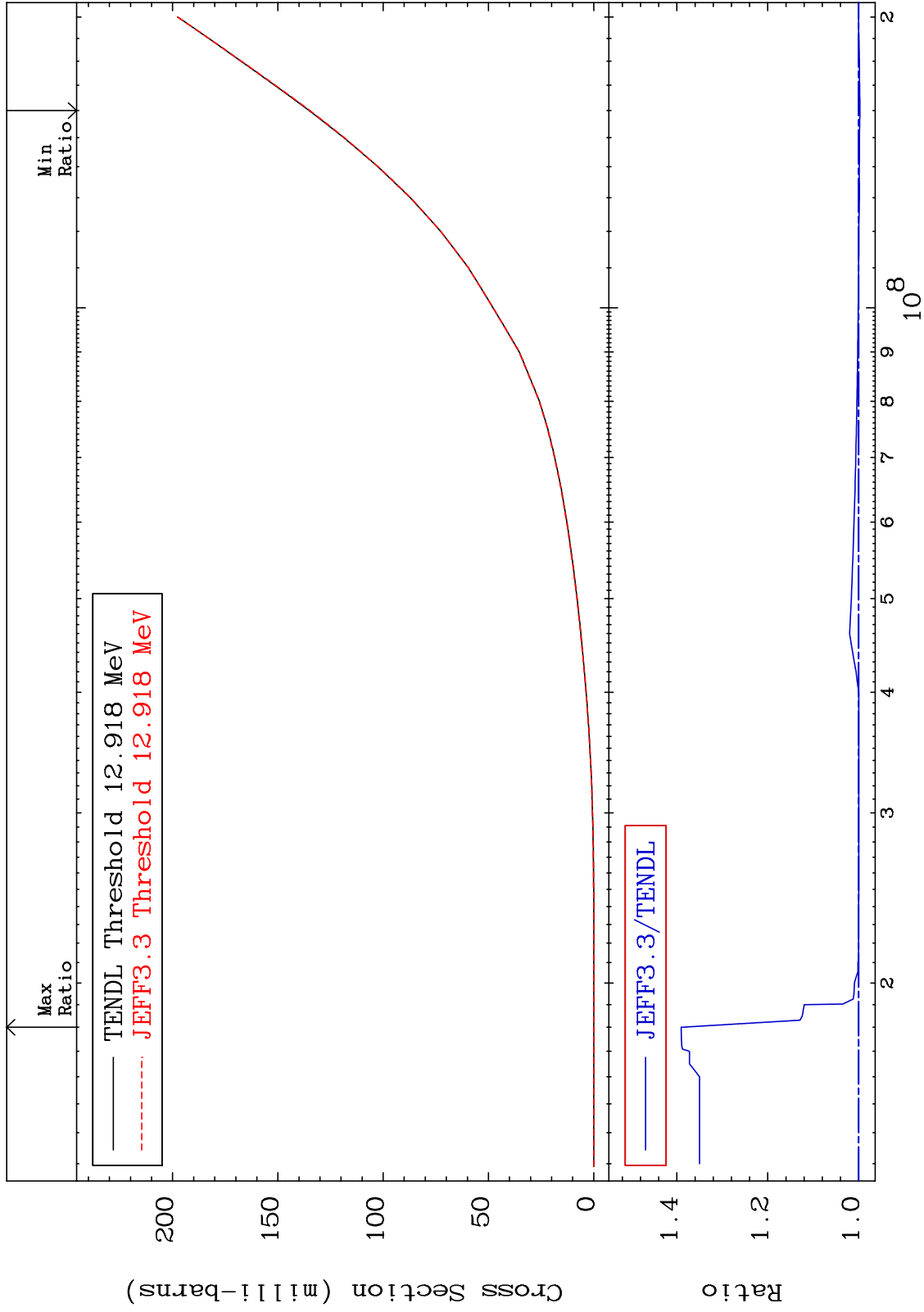
34-Se-80
-4.182 To 94.59 %



MAT 3443

He-3 Production
Cross Section

34-Se-80
-0.282 To 39.05 %



65

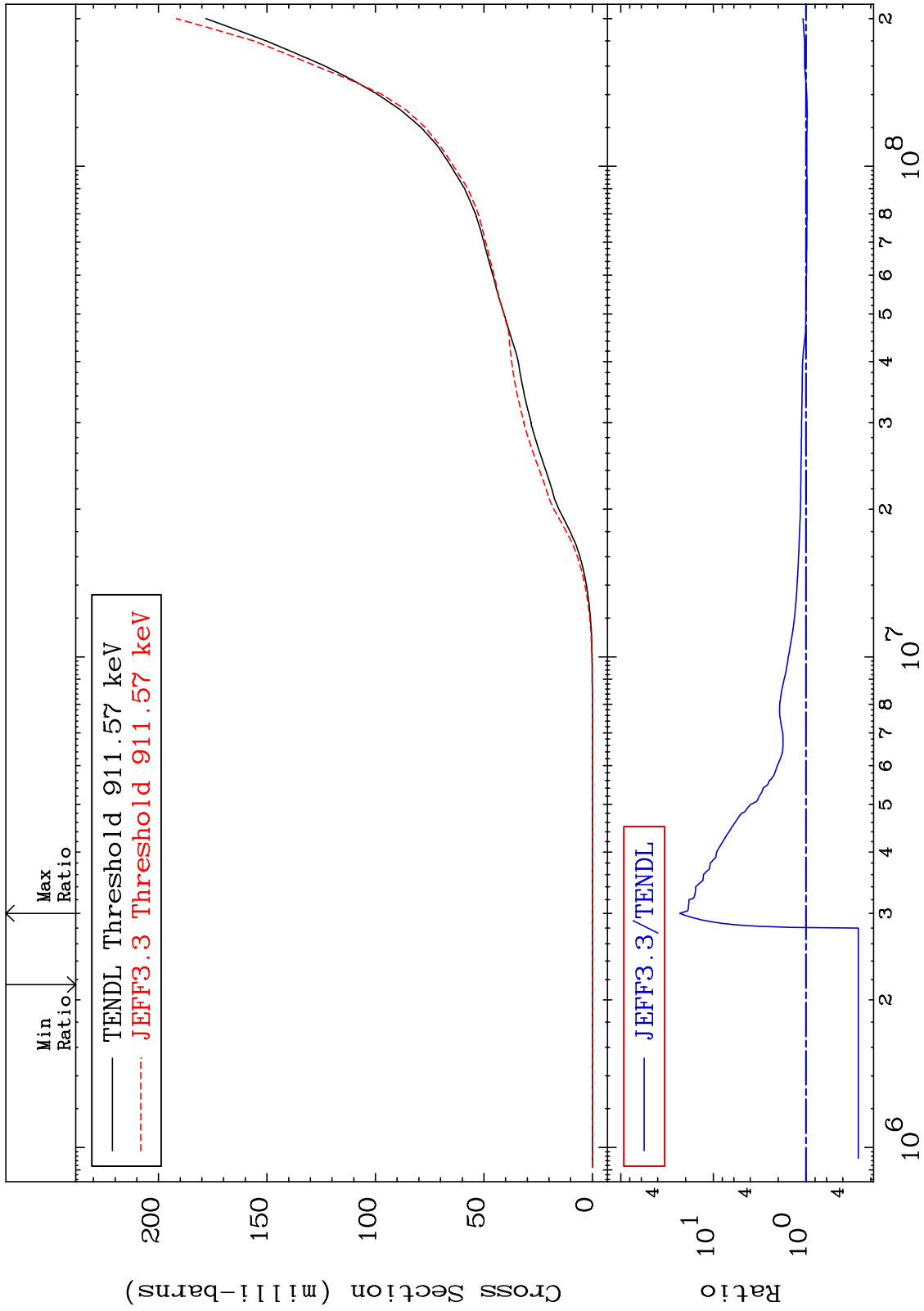
Incident Energy (eV)

34-Se-80

MAT 3443

He-4 Production
Cross Section

34-Se-80
-72.79 To 2206. %



34-Se-80

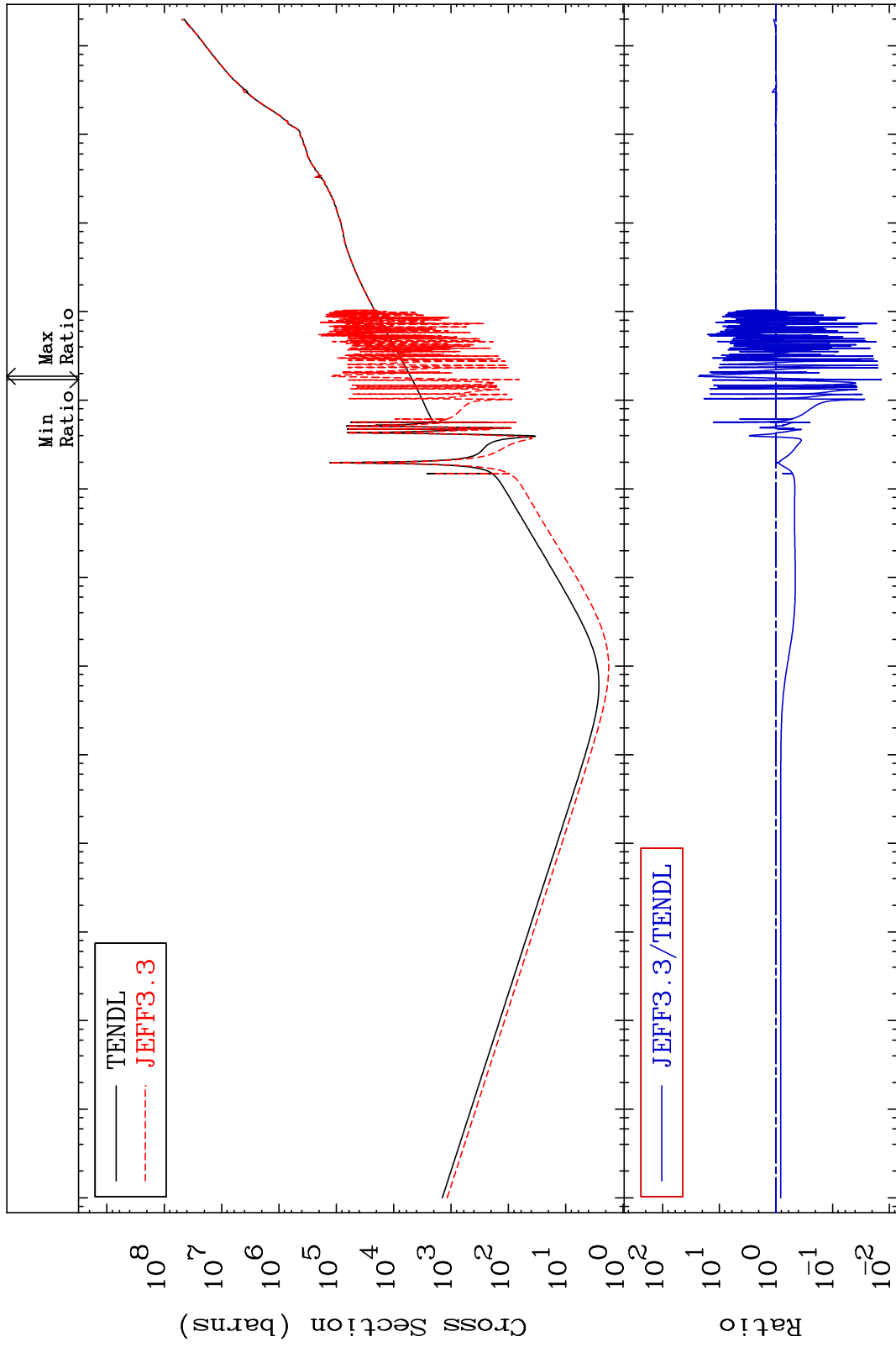
Incident Energy (eV)

66

MAT 3443

Kerma total (eV-barns)
Cross Section

34-Se-80
-98.63 To 2239. %



67

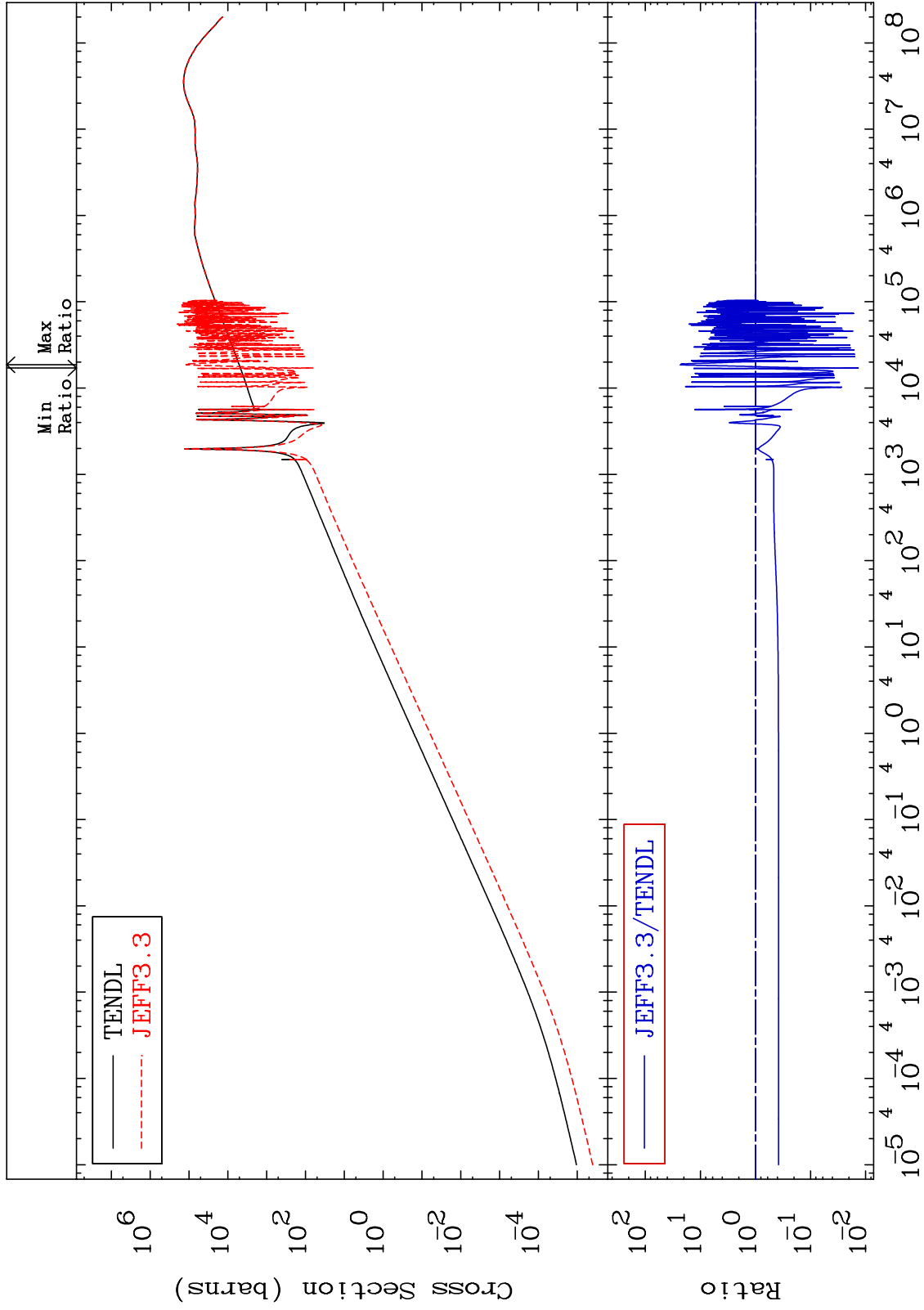
Incident Energy (eV)

34-Se-80

MAT 3443

Kerma elastic
Cross Section

34-Se-80
-98.65 To 2241. %



68

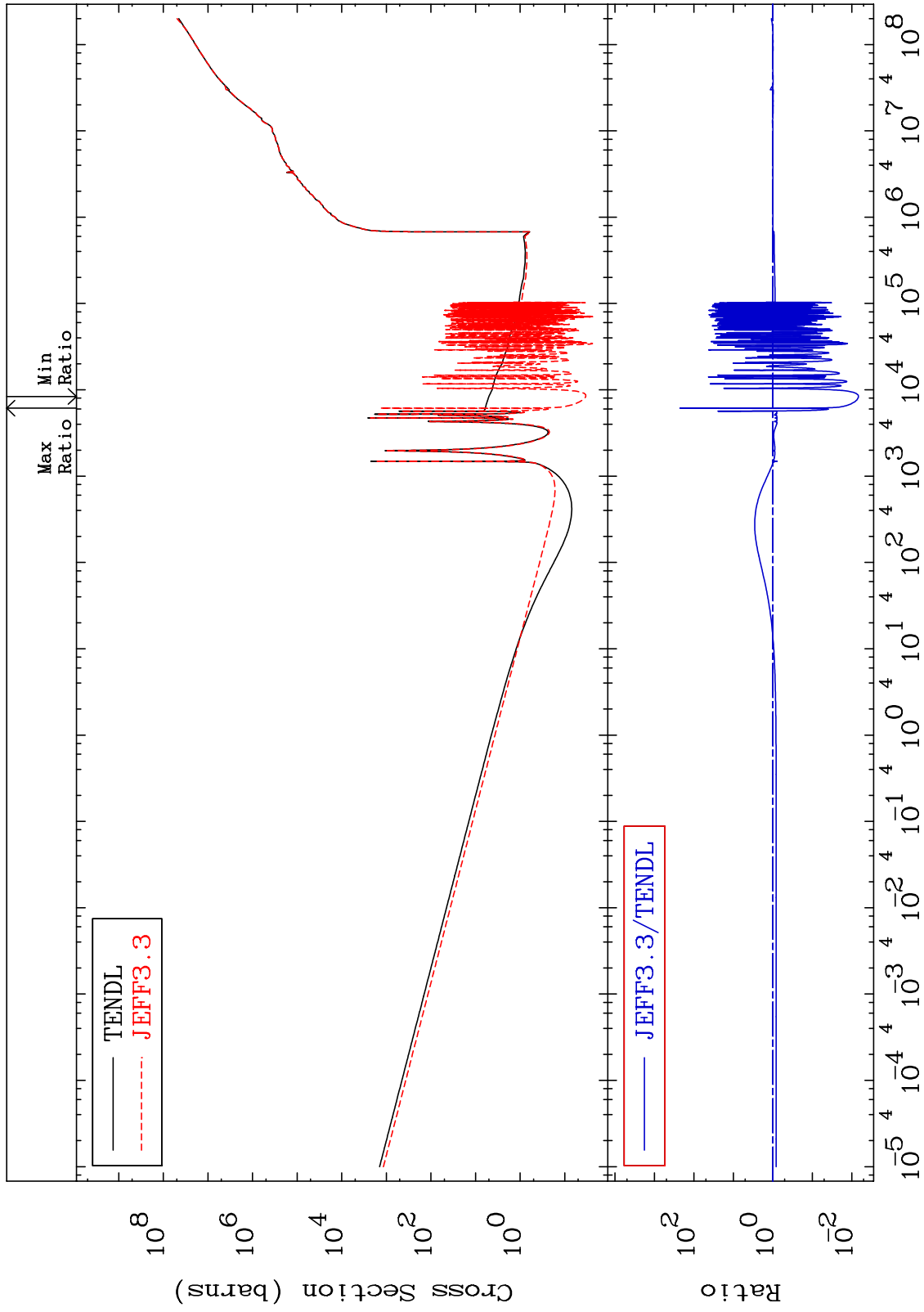
Incident Energy (eV)

34-Se-80

MAT 3443

Kerma non-elastic (all but mt2)
Cross Section

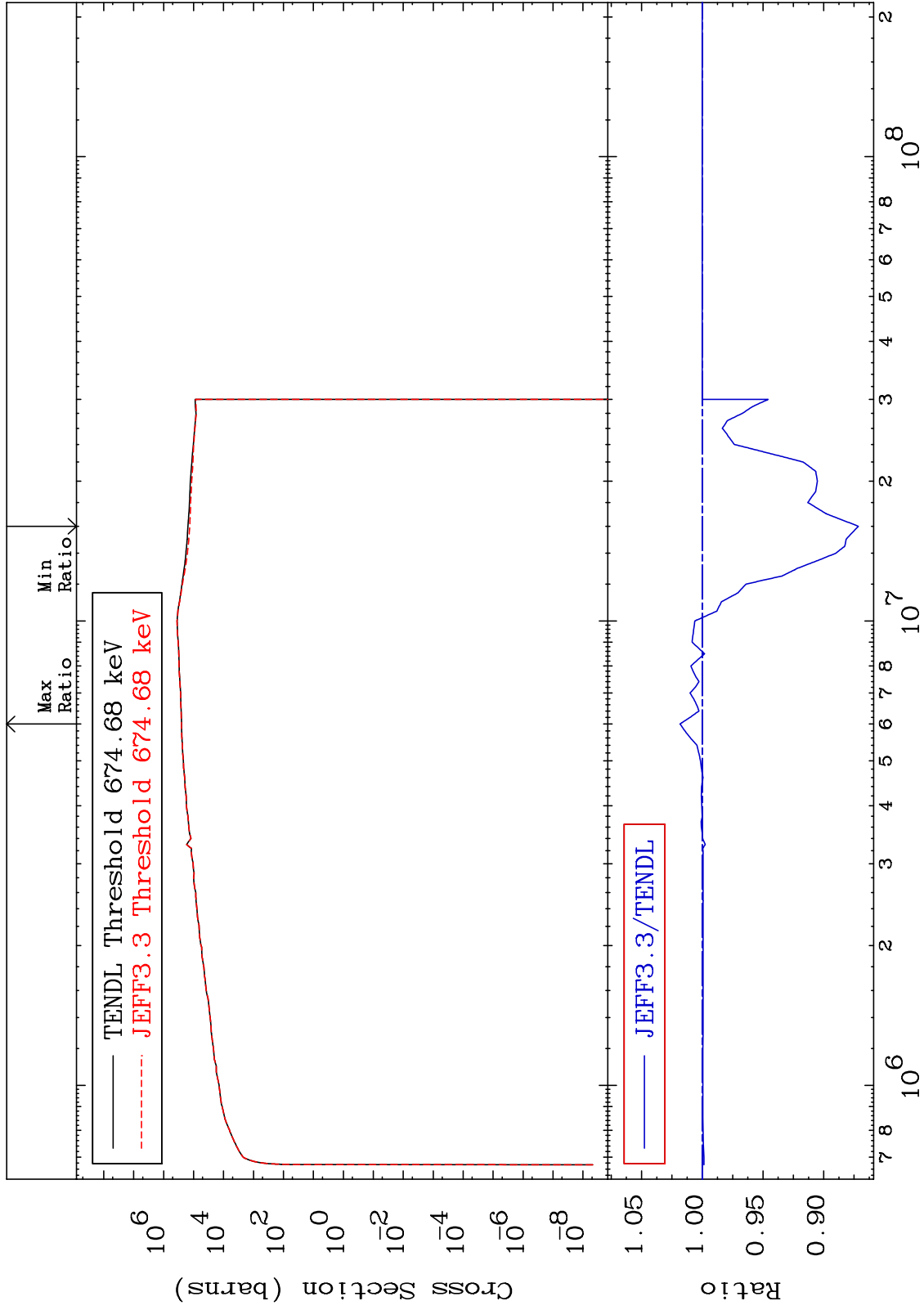
34-Se-80
-99.32 To 9999. %



MAT 3443

Kerma inelastic (mt51-91)
Cross Section

34-Se-80
-12.85 To 1.832 %



70

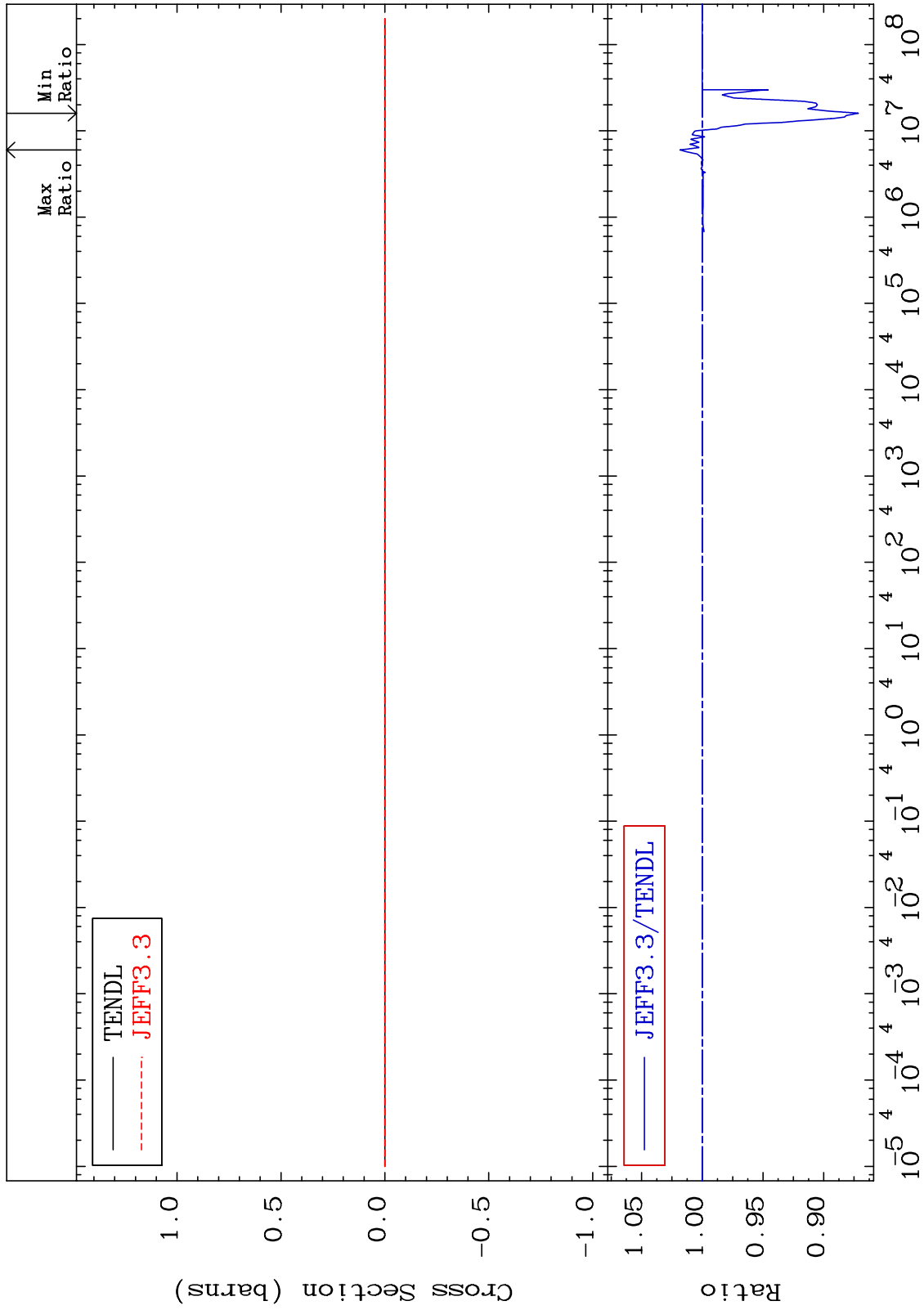
Incident Energy (eV)

34-Se-80

MAT 3443

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

34-Se-80
-12.85 To 1.832 %



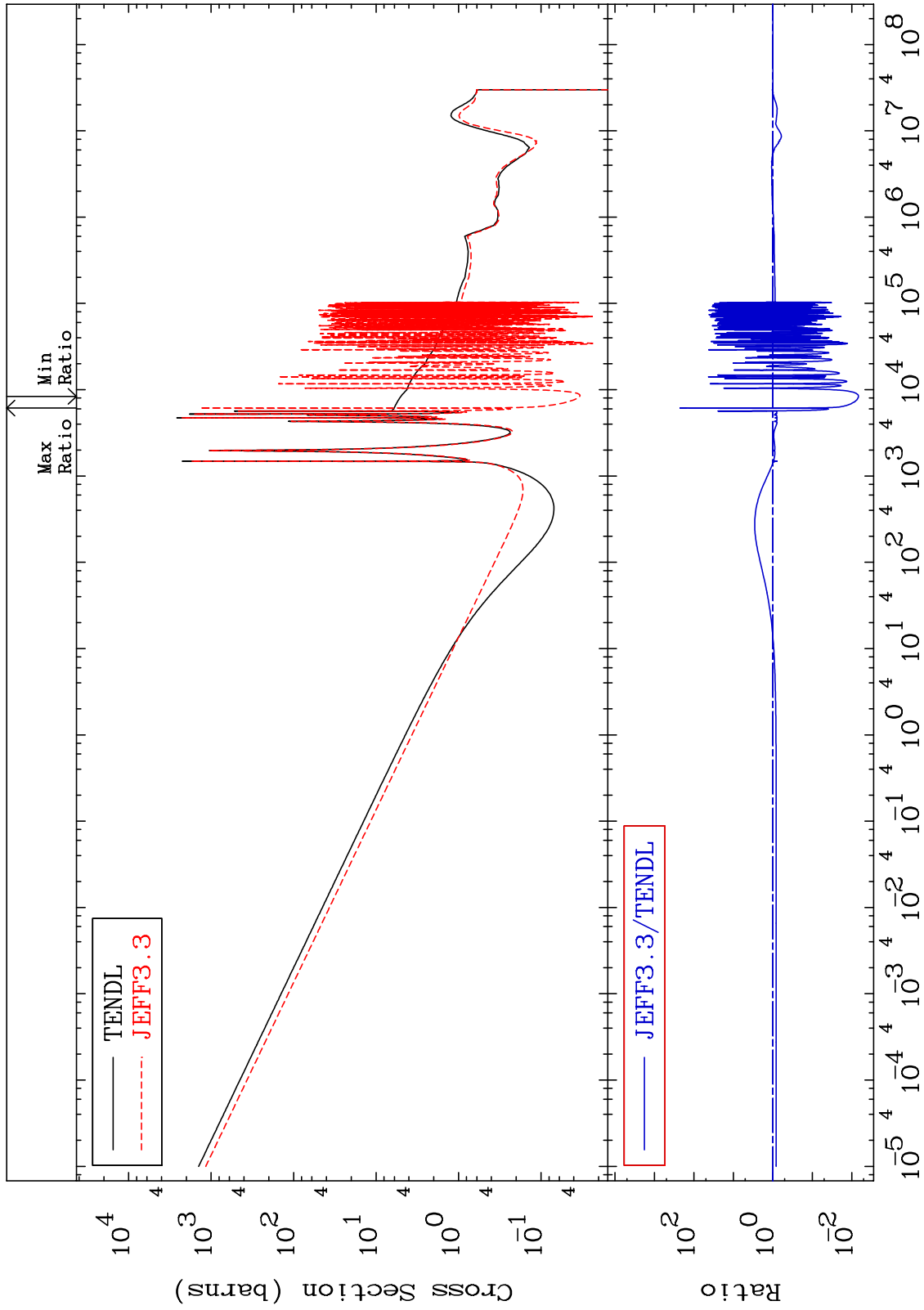
71

34-Se-80

MAT 3443

Kerma capture (mt102)
Cross Section

34-Se-80
-99.32 To 9999. %



72

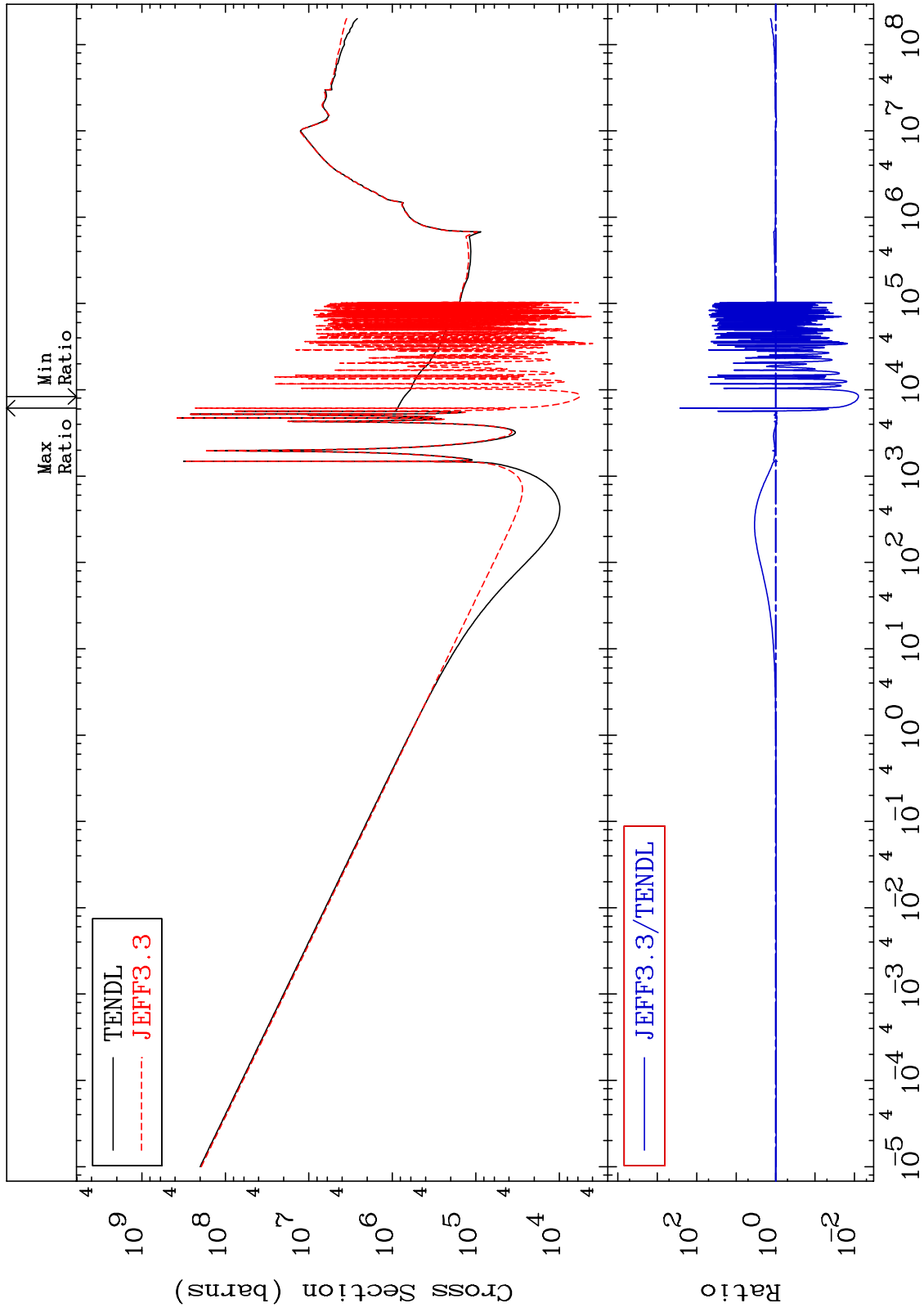
Incident Energy (eV)

34-Se-80

MAT 3443

Total photon (eV-barns)
Cross Section

34-Se-80
-99.20 To 9999. %



73

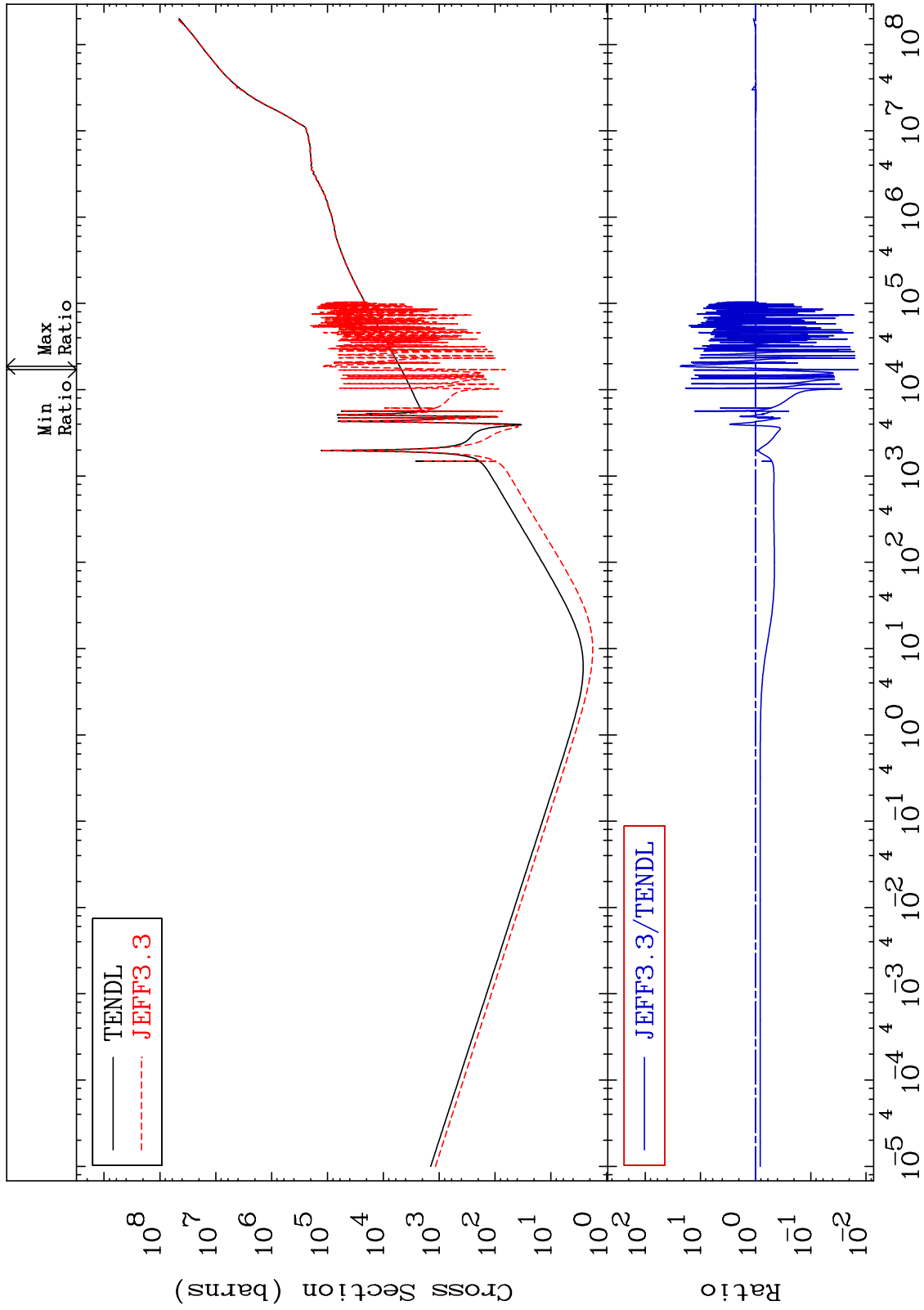
Incident Energy (eV)

34-Se-80

MAT 3443

Total kinematic kerma (high limit)
Cross Section

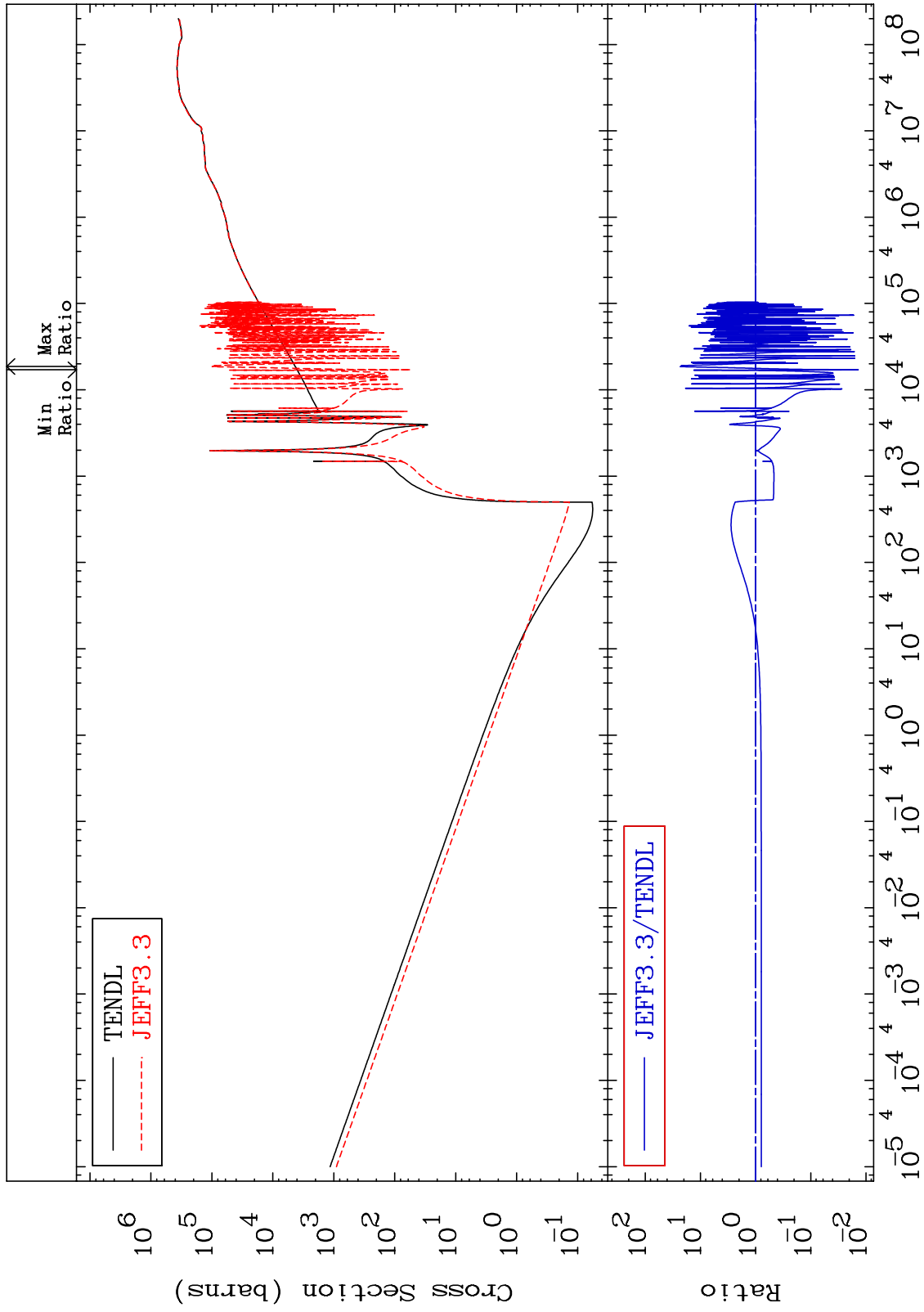
34-Se-80
-98.63 To 2239. %



MAT 3443

Dpa total (eV-barns)
Cross Section

34-Se-80
-98.63 To 2240. %



75

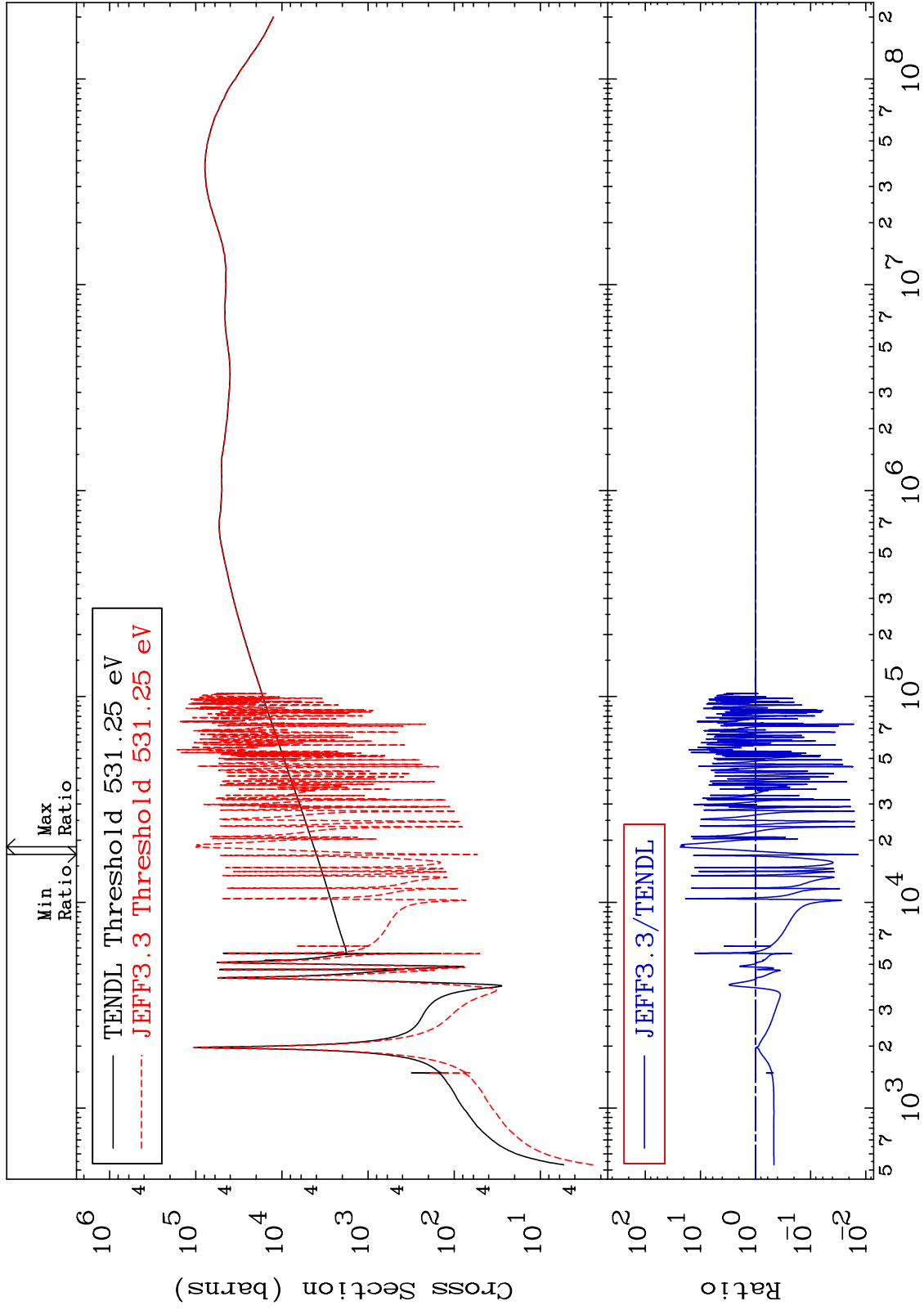
Incident Energy (eV)

34-Se-80

MAT 3443

Dpa elastic (mt2)
Cross Section

34-Se-80
-98.65 To 2241. %



76

Incident Energy (eV)

34-Se-80

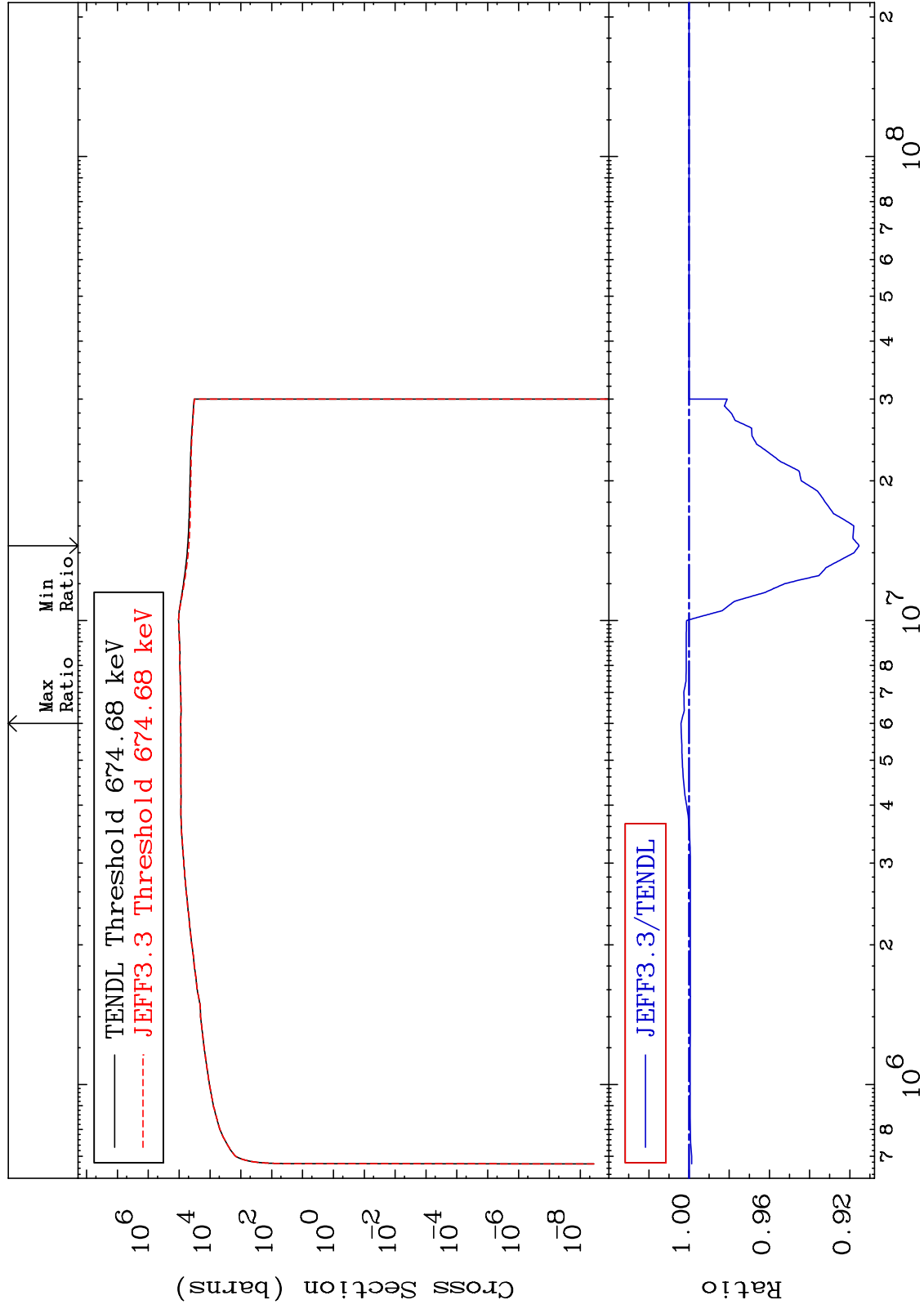
MAT 3443

Dpa inelastic (mt51-91)

³⁴Se-80

-8.474 To 0.398 %

Cross Section



77

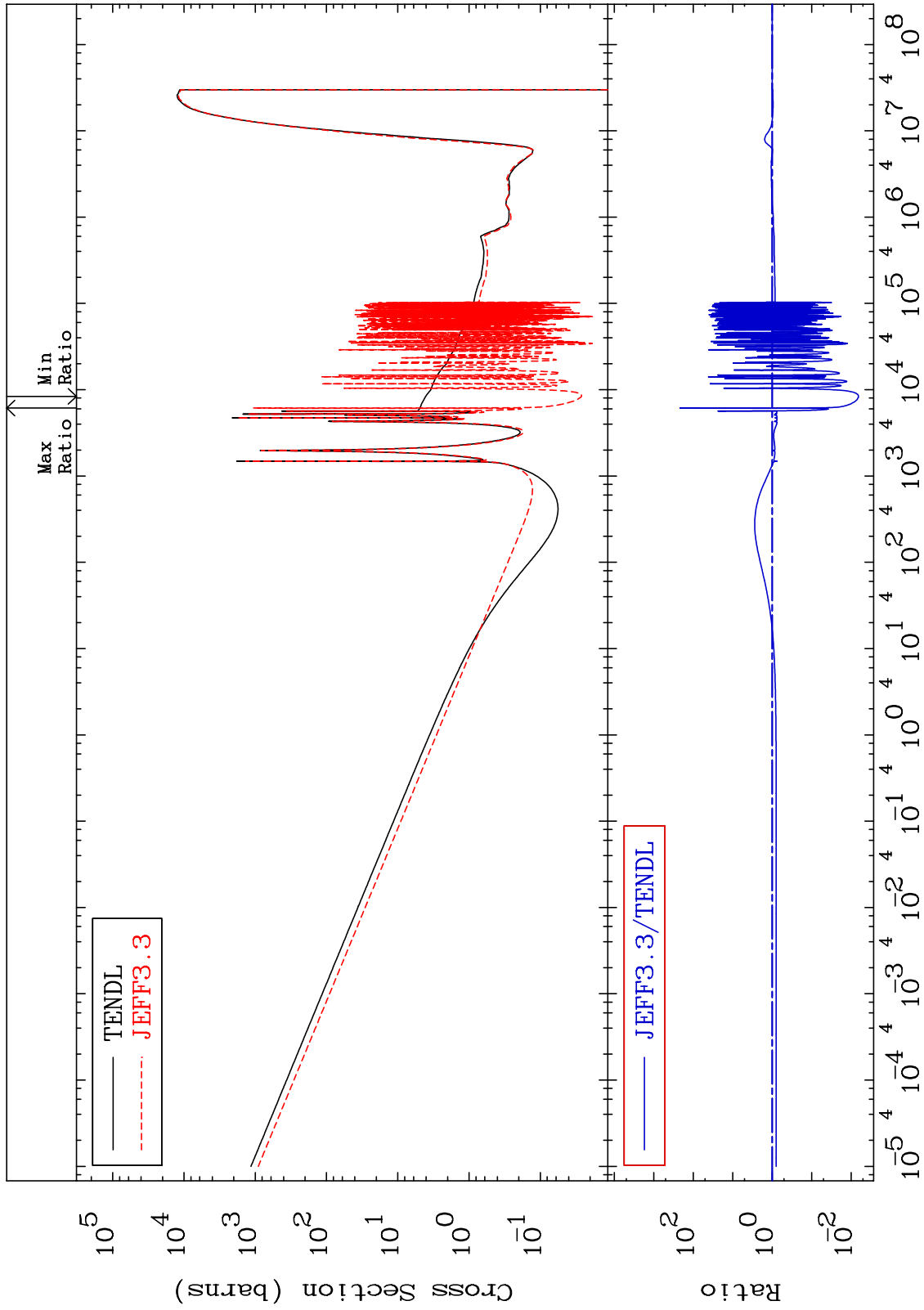
Incident Energy (eV)

³⁴Se-80

MAT 3443

Dpa disappearance (mt102 -120)
Cross Section

34-Se-80
-99.35 To 9999. %



78

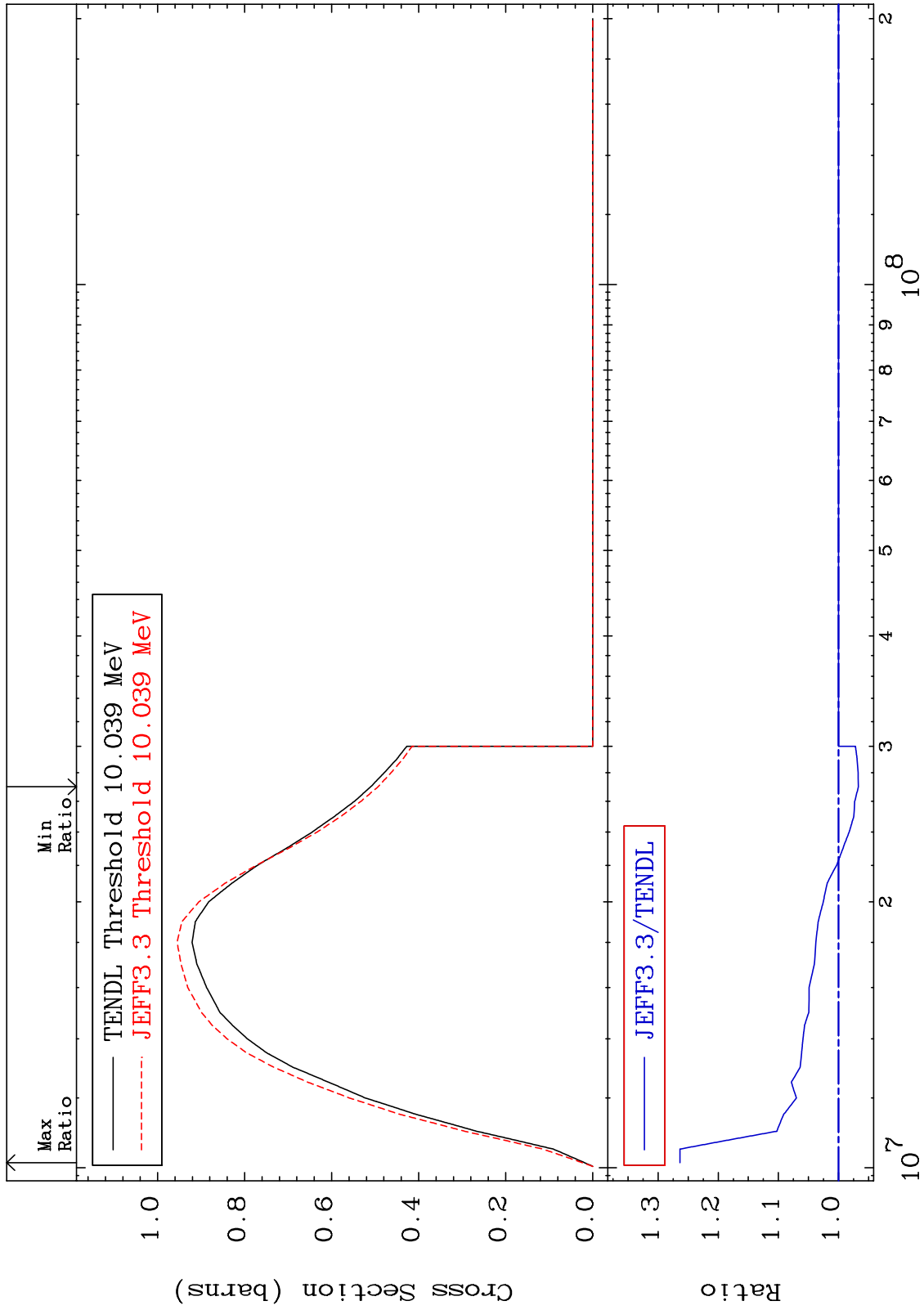
Incident Energy (eV)

34-Se-80

MAT 3443

34-Se-80

(n,2n):34-Se-79g
Radionuclide Production Cross Section -3.311 To 26.36 %



34-Se-80

Incident Energy (eV)

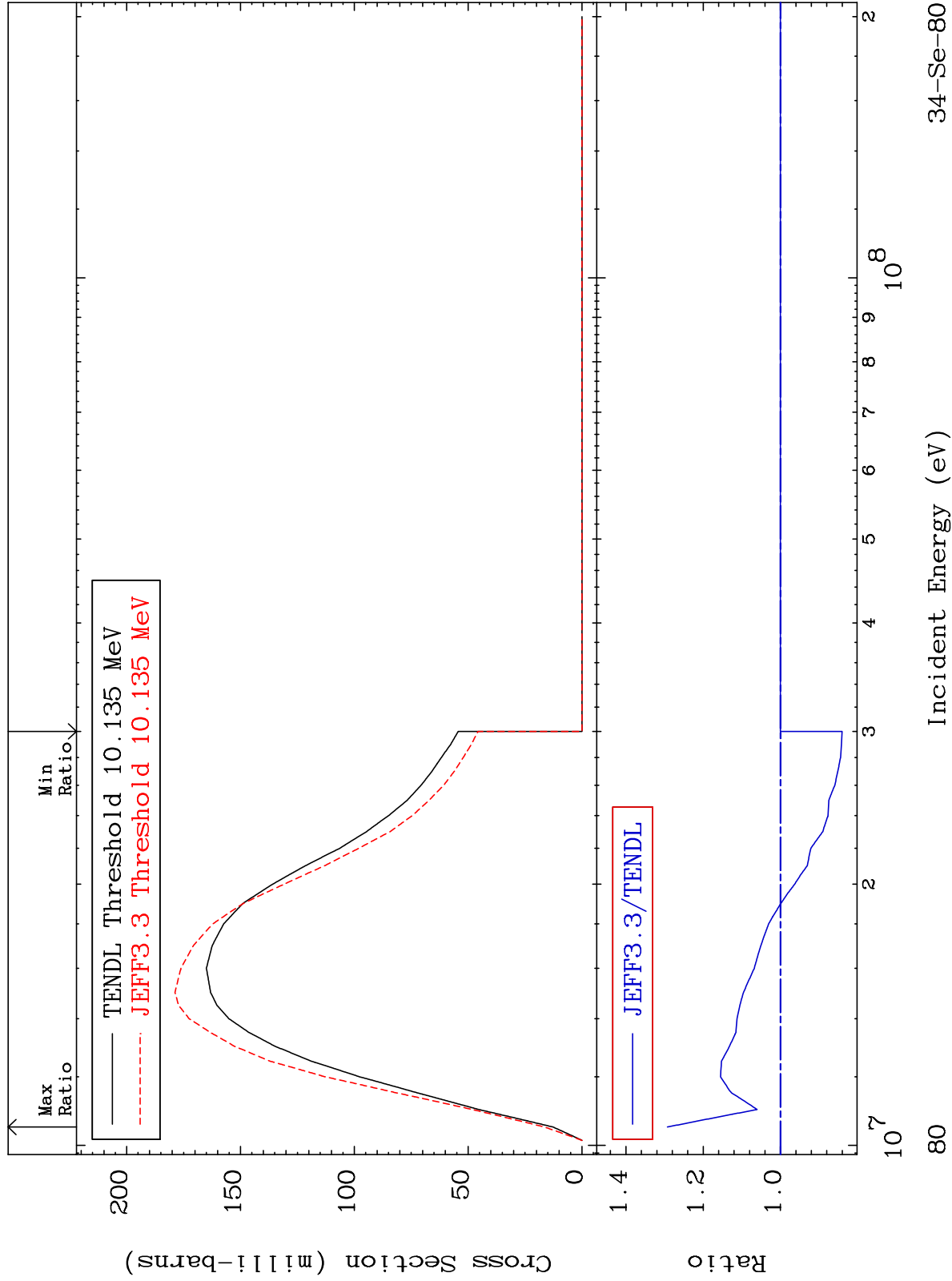
79

MAT 3443

(n,2n):34-Se-79m1

34-Se-80

Radionuclide Production Cross Section -15.97 To 29.25 %

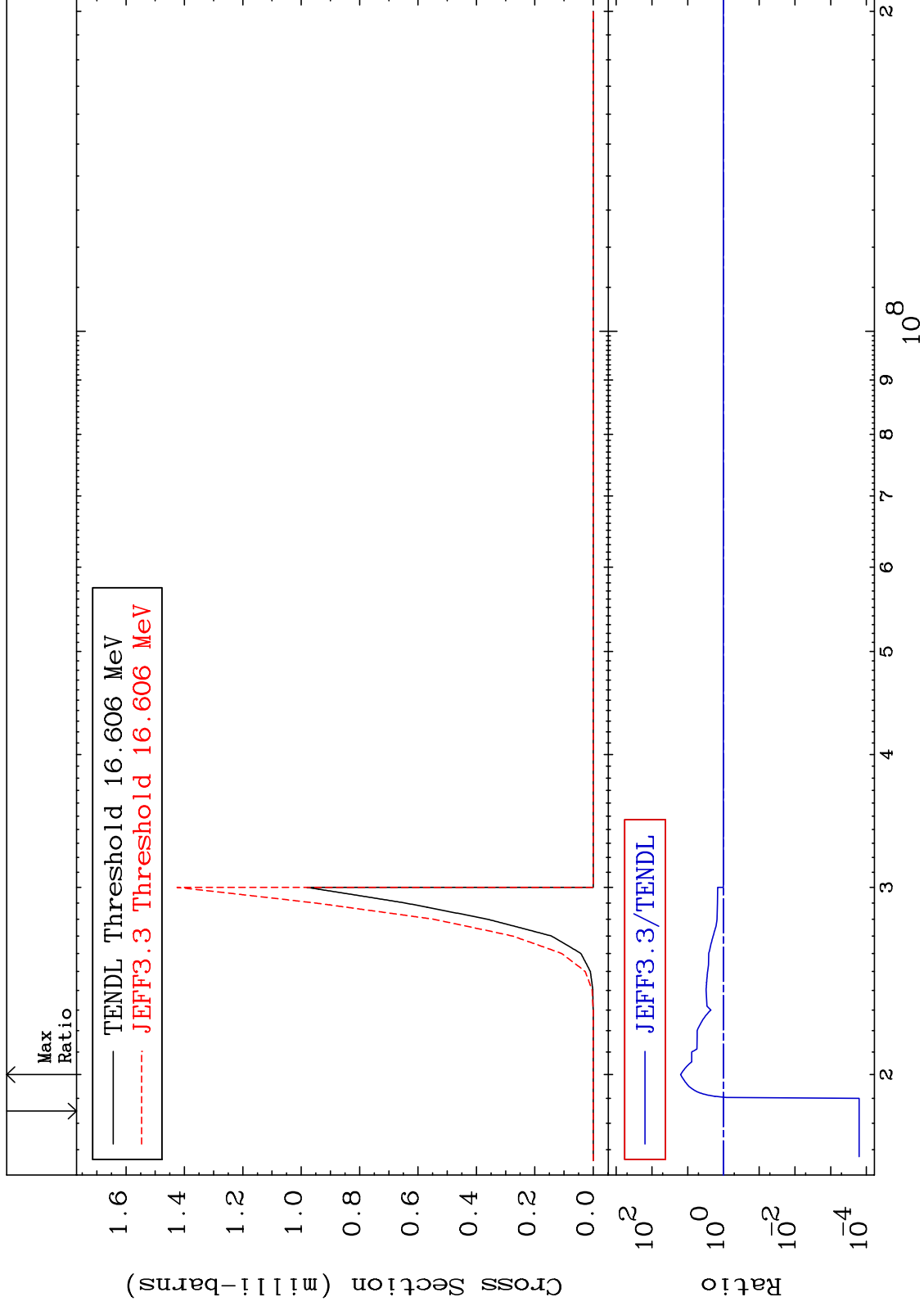


MAT 3443

(n,2n) α :32-Ge-75g

34-Se-80

Radionuclide Production Cross Section -99.98 To 1476. %

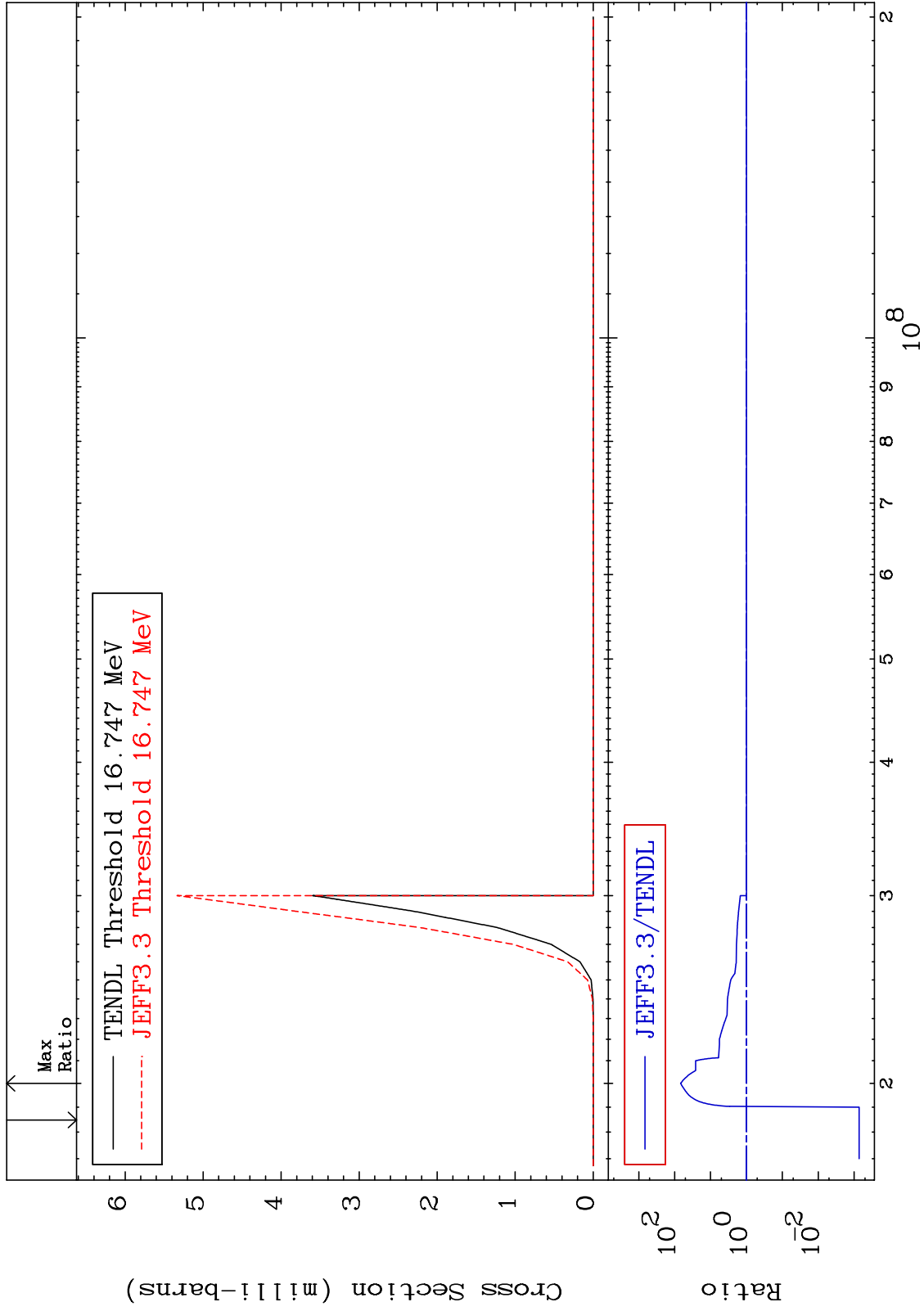


MAT 3443

(n,2n) α :32-Ge-75m2

34-Se-80

Radionuclide Production Cross Section -99.93 To 6715. %

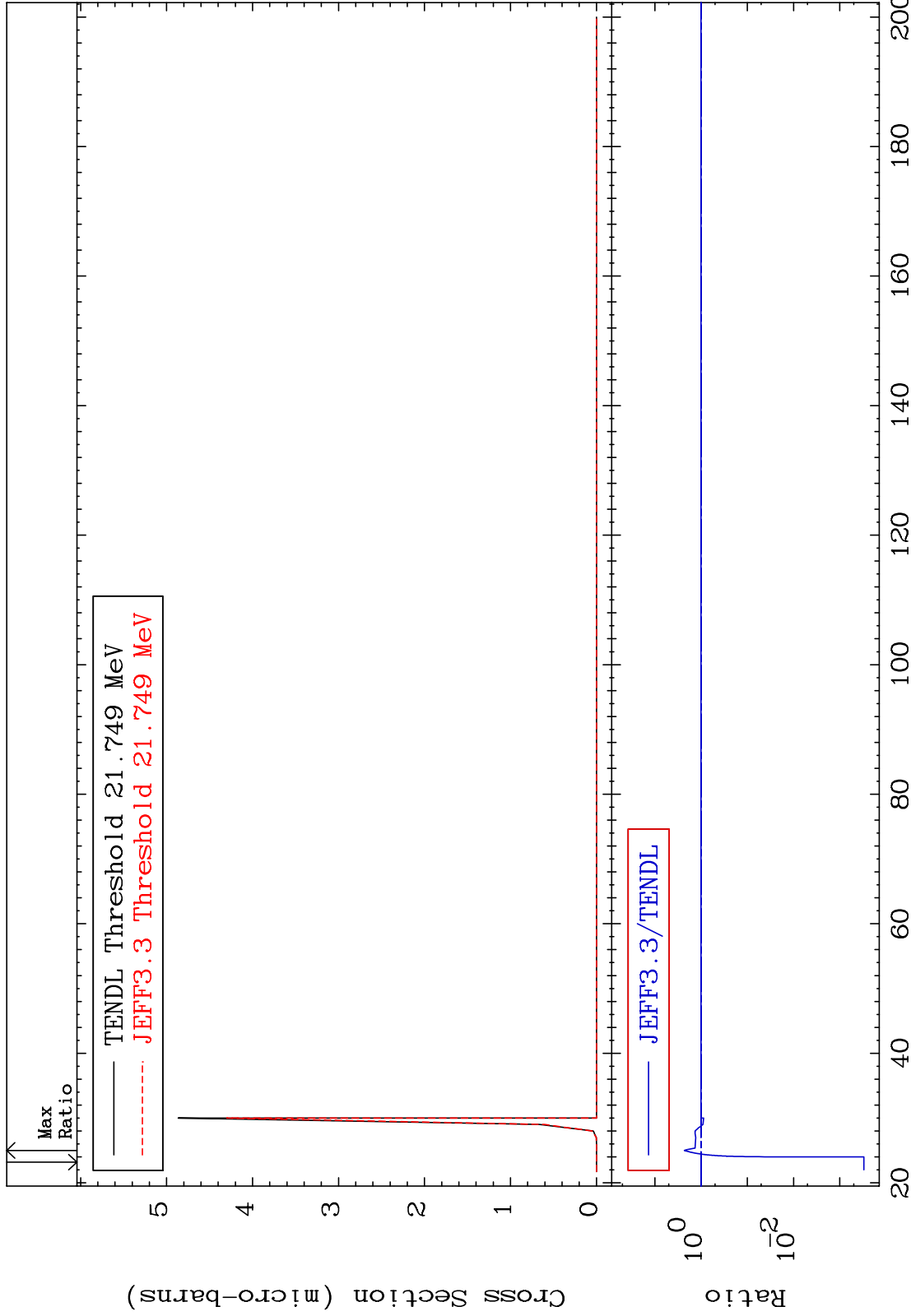


MAT 3443

(n, n') He-3:32-Ge-77g

34-Se-80

Radionuclide Production Cross Section -99.97 To 129.4 %



83

Incident Energy (MeV)

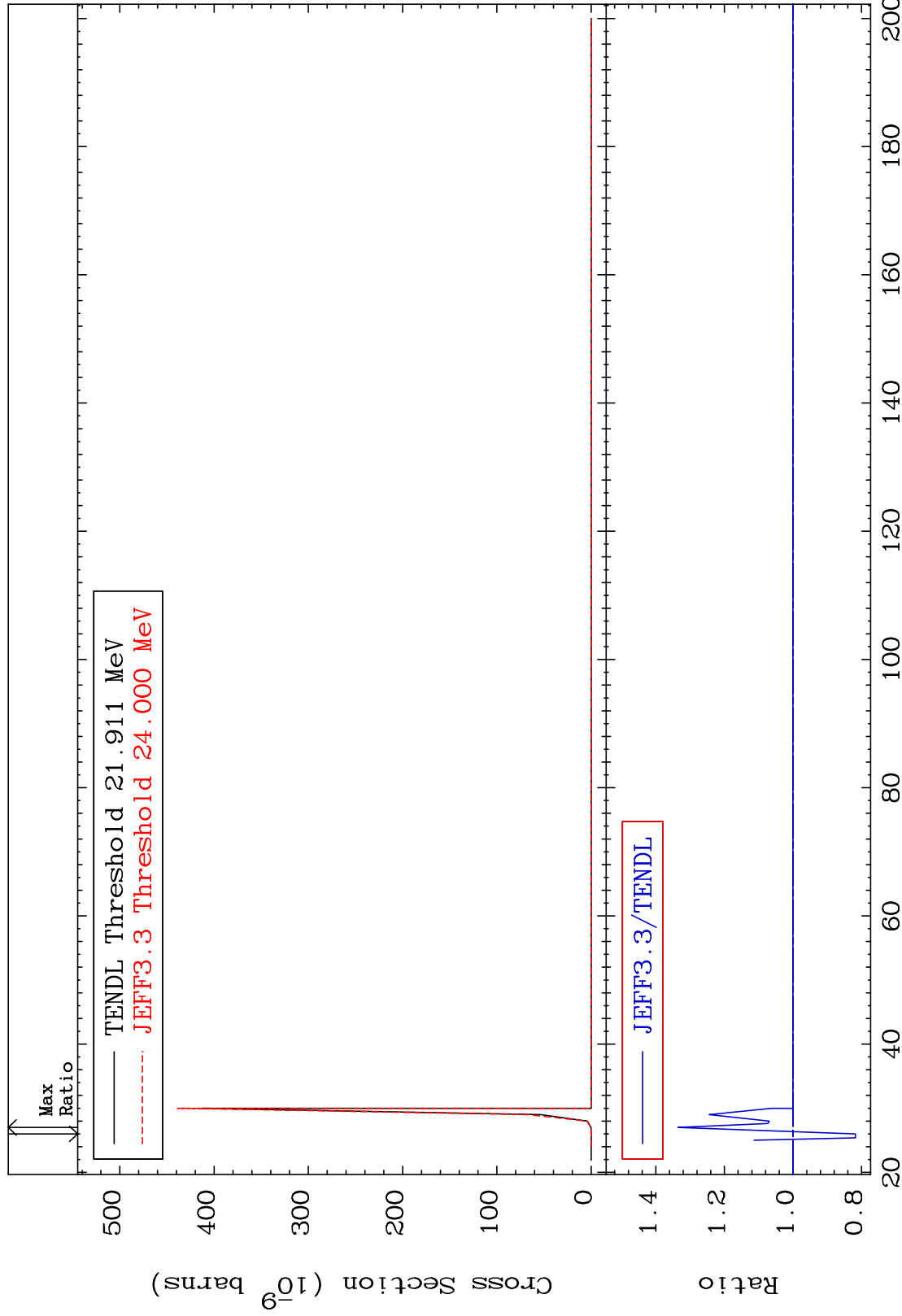
34-Se-80

MAT 3443

(n, n') He-3:32-Ge-77m1

34-Se-80

Radionuclide Production Cross Section -18.22 To 33.53 %

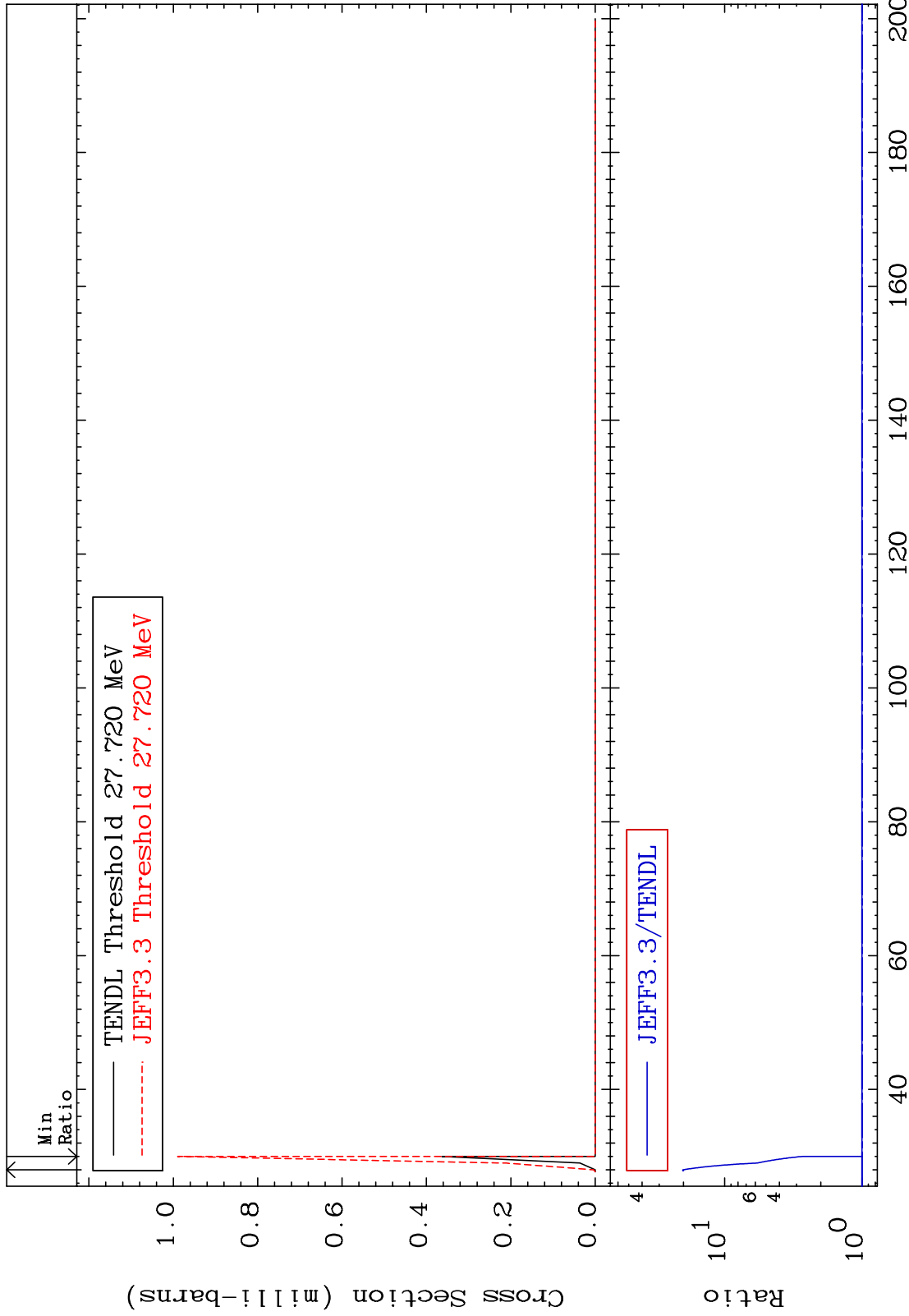


MAT 3443

34-Se-80

(n, 4n) : 34-Se-77g

Radionuclide Production Cross Section 0.000 To 1918. %



85

34-Se-80

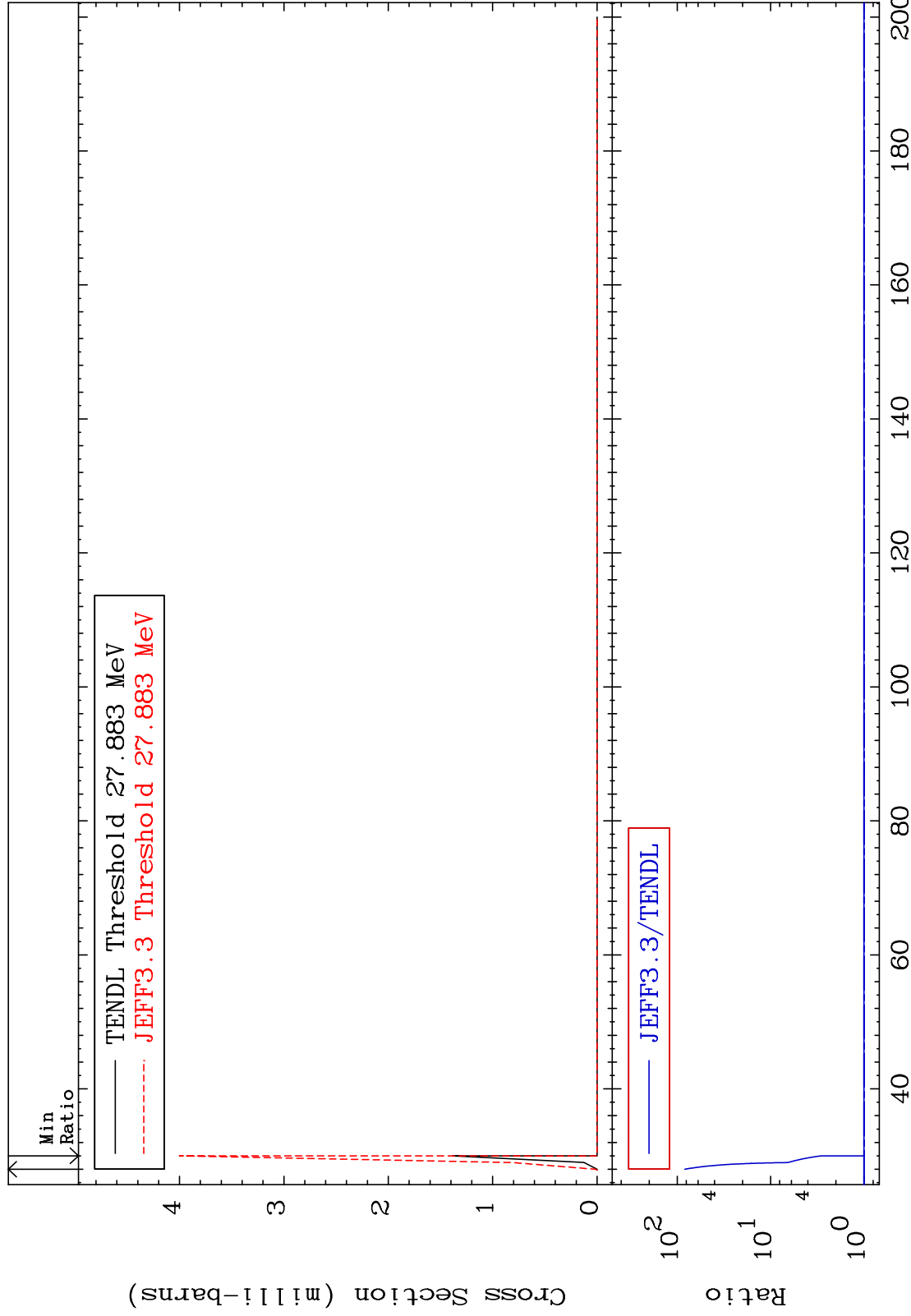
Incident Energy (MeV)

MAT 3443

(n,4n):34-Se-77m1

34-Se-80

Radionuclide Production Cross Section 0.000 To 8215. %

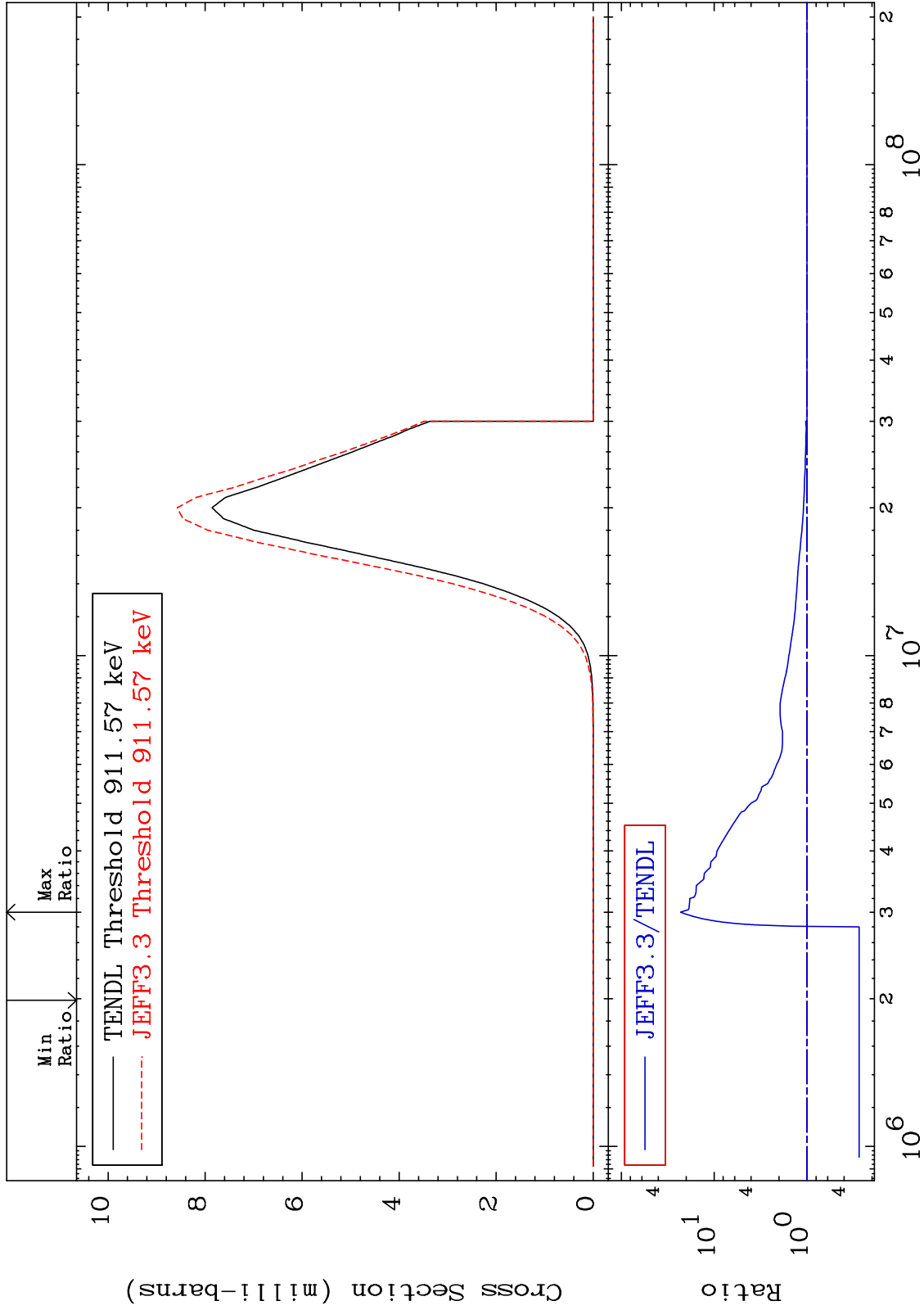


MAT 3443

(n, α): 32-Ge-77g

34-Se-80

Radionuclide Production Cross Section -72.56 To 2200. %



87

Incident Energy (eV)

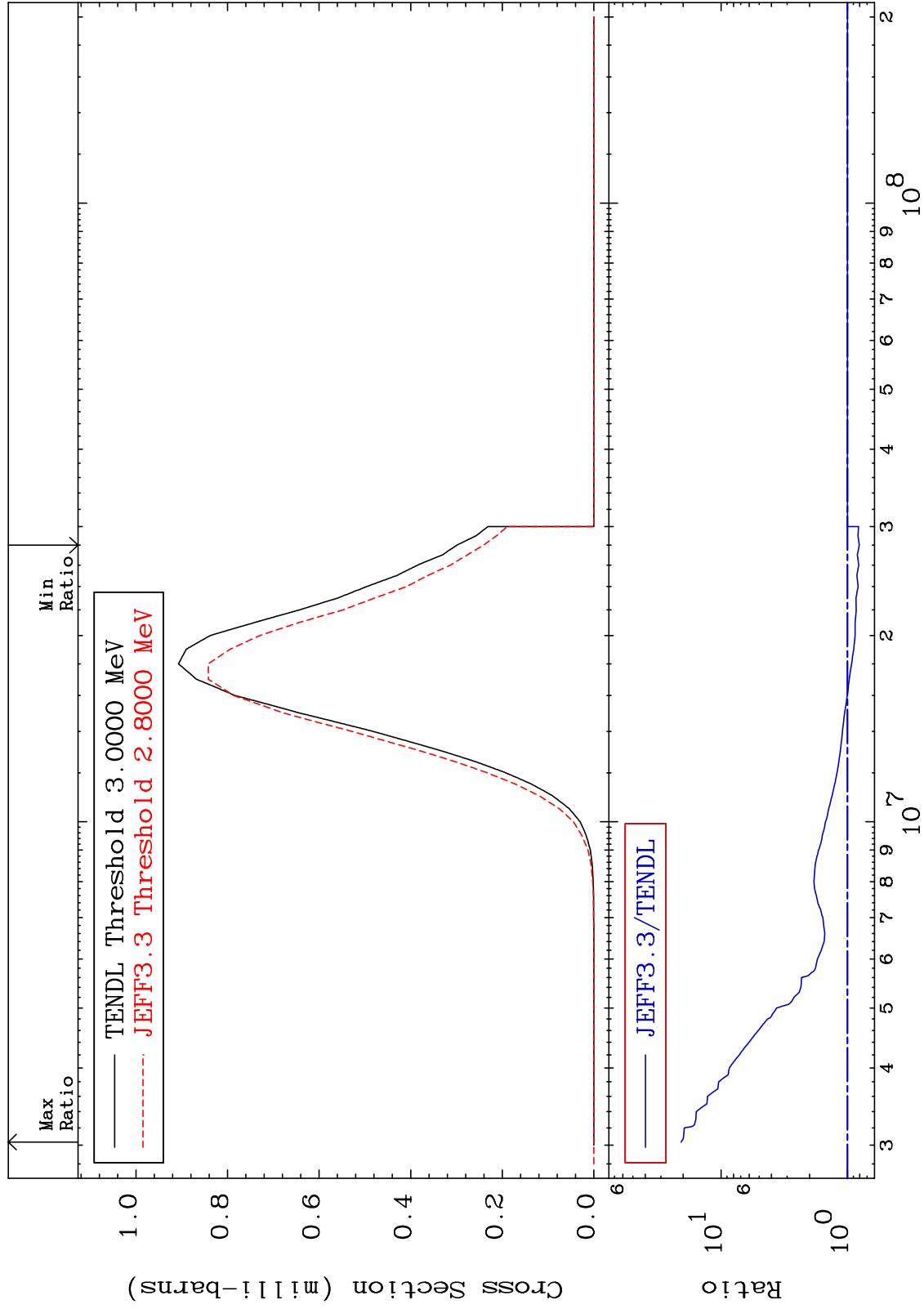
34-Se-80

MAT 3443

(n, α): 32-Ge-77m1

34-Se-80

Radionuclide Production Cross Section -19.37 To 1978. %

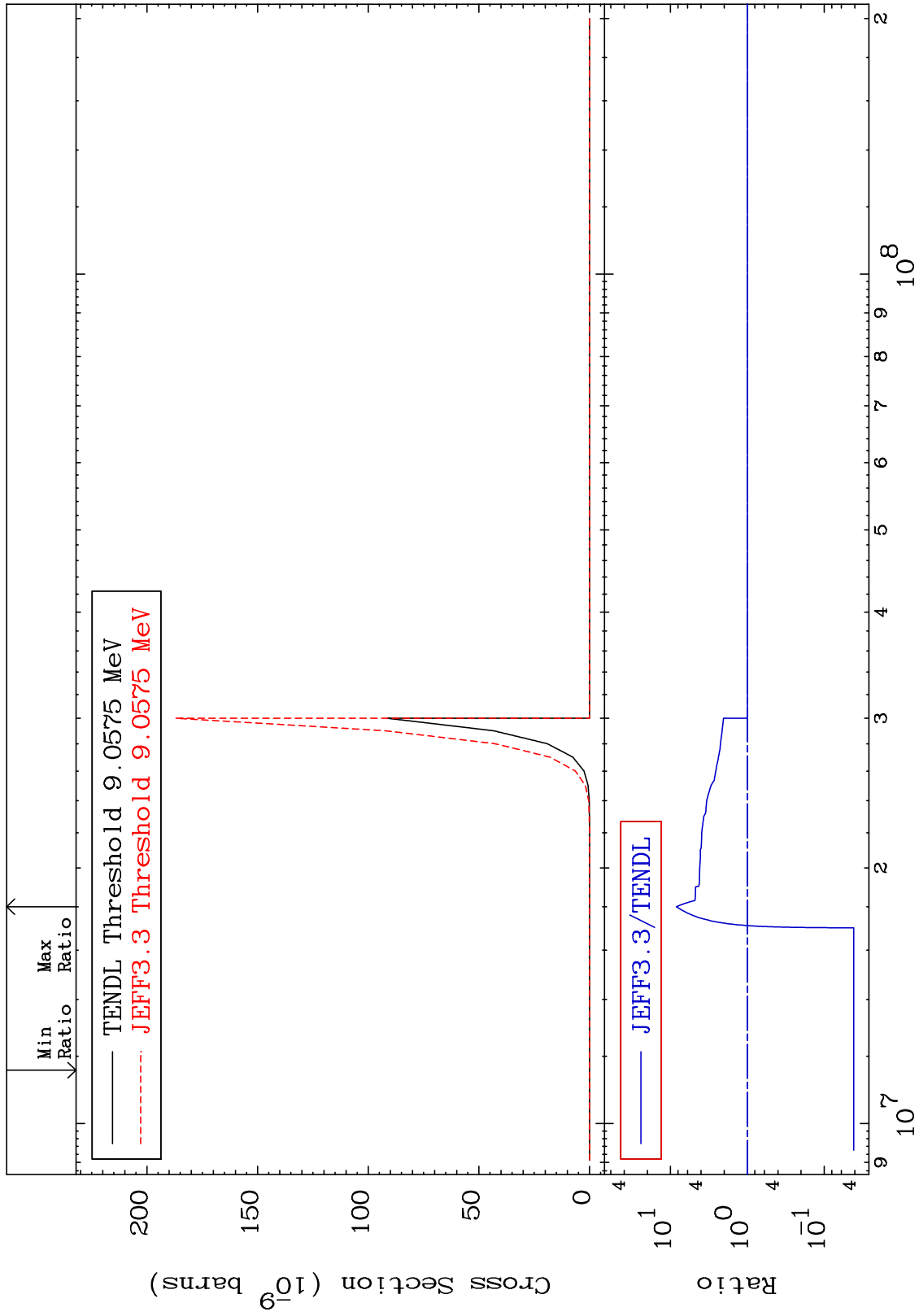


MAT 3443

(n,2α):30-Zn-73g

34-Se-80

Radionuclide Production Cross Section -95.87 To 739.4 %



89

Incident Energy (eV)

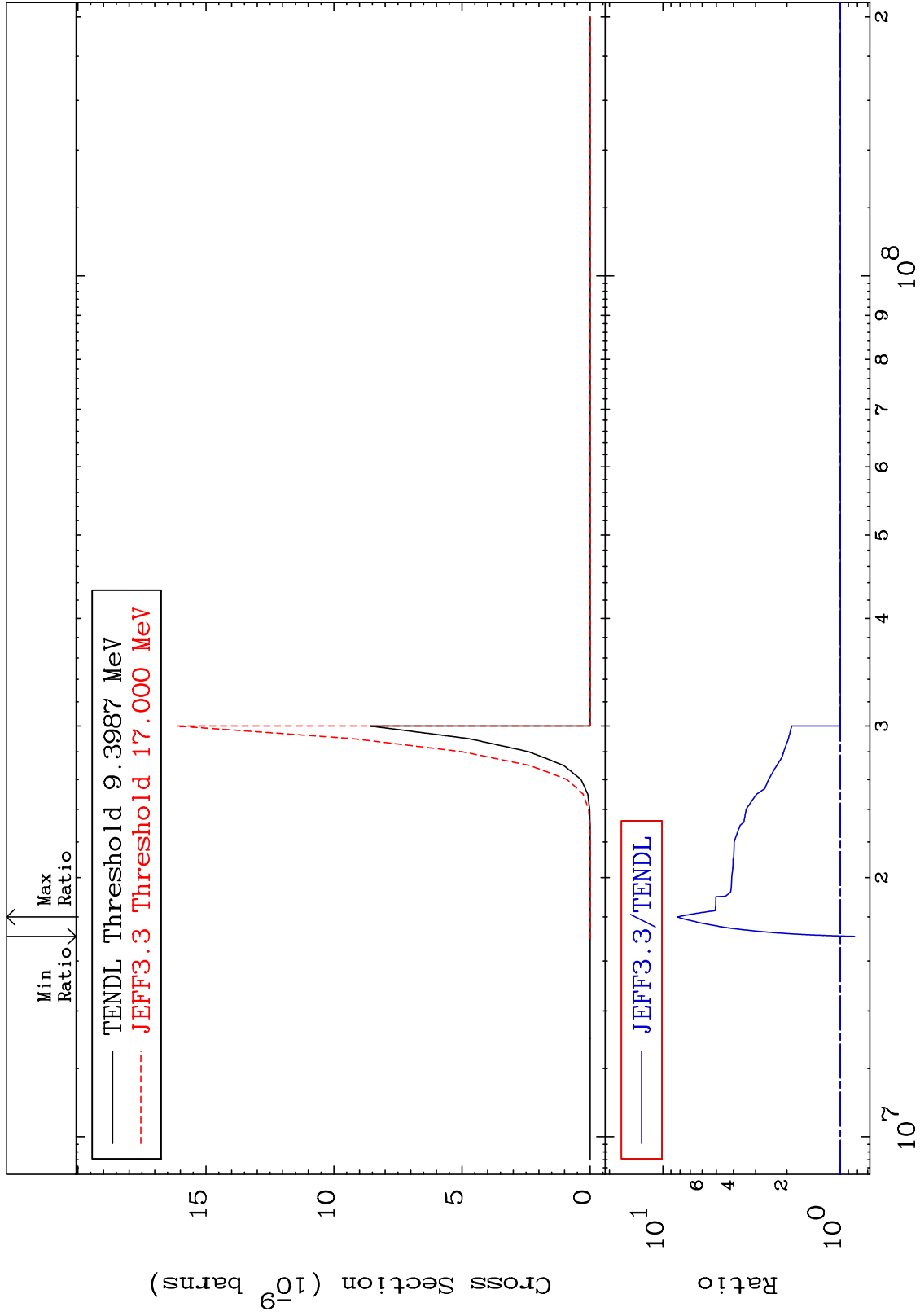
34-Se-80

MAT 3443

(n,2α):30-Zn-73m3

34-Se-80

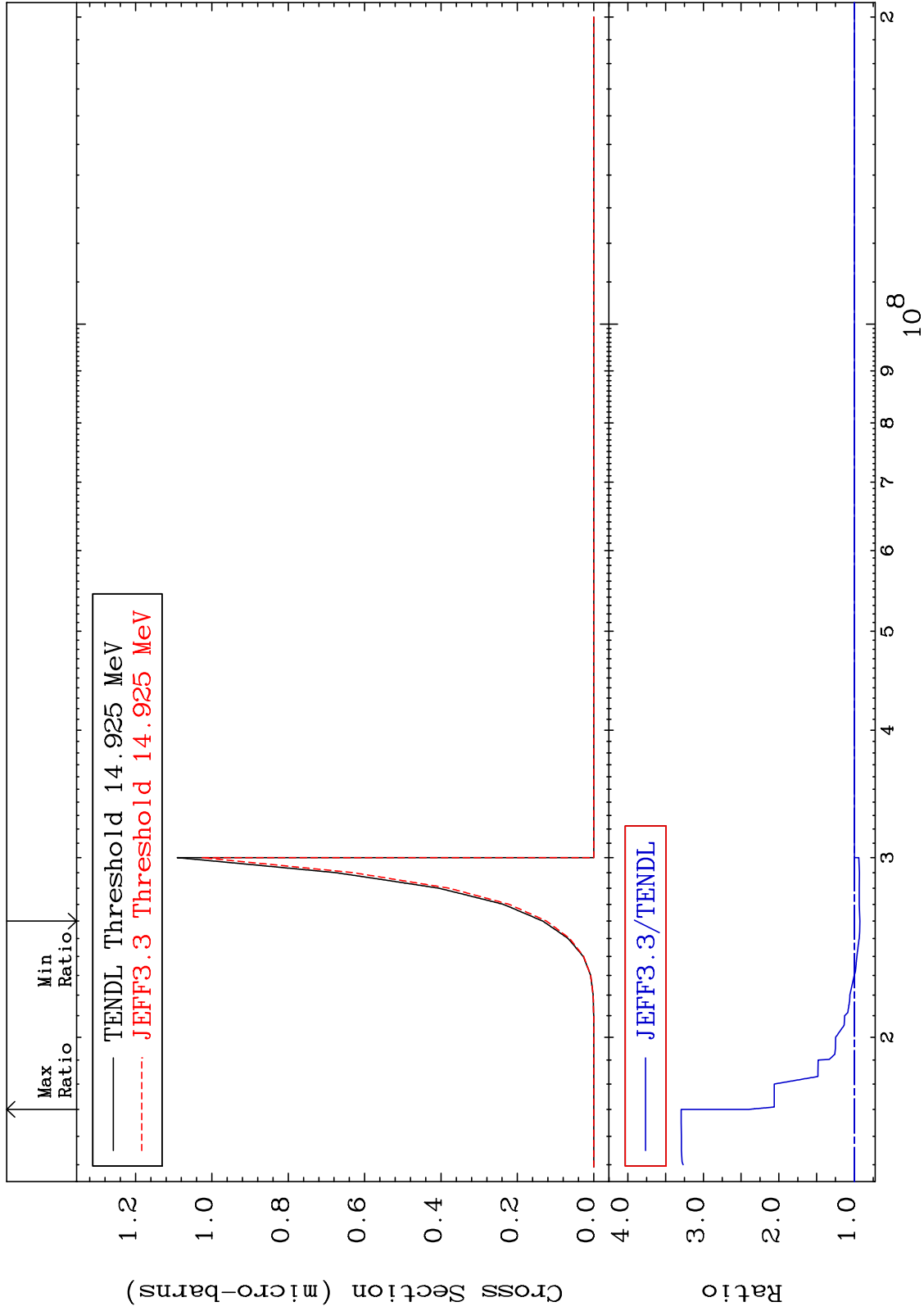
Radionuclide Production Cross Section -17.09 To 731.1 %



34-Se-80

Incident Energy (eV)

90

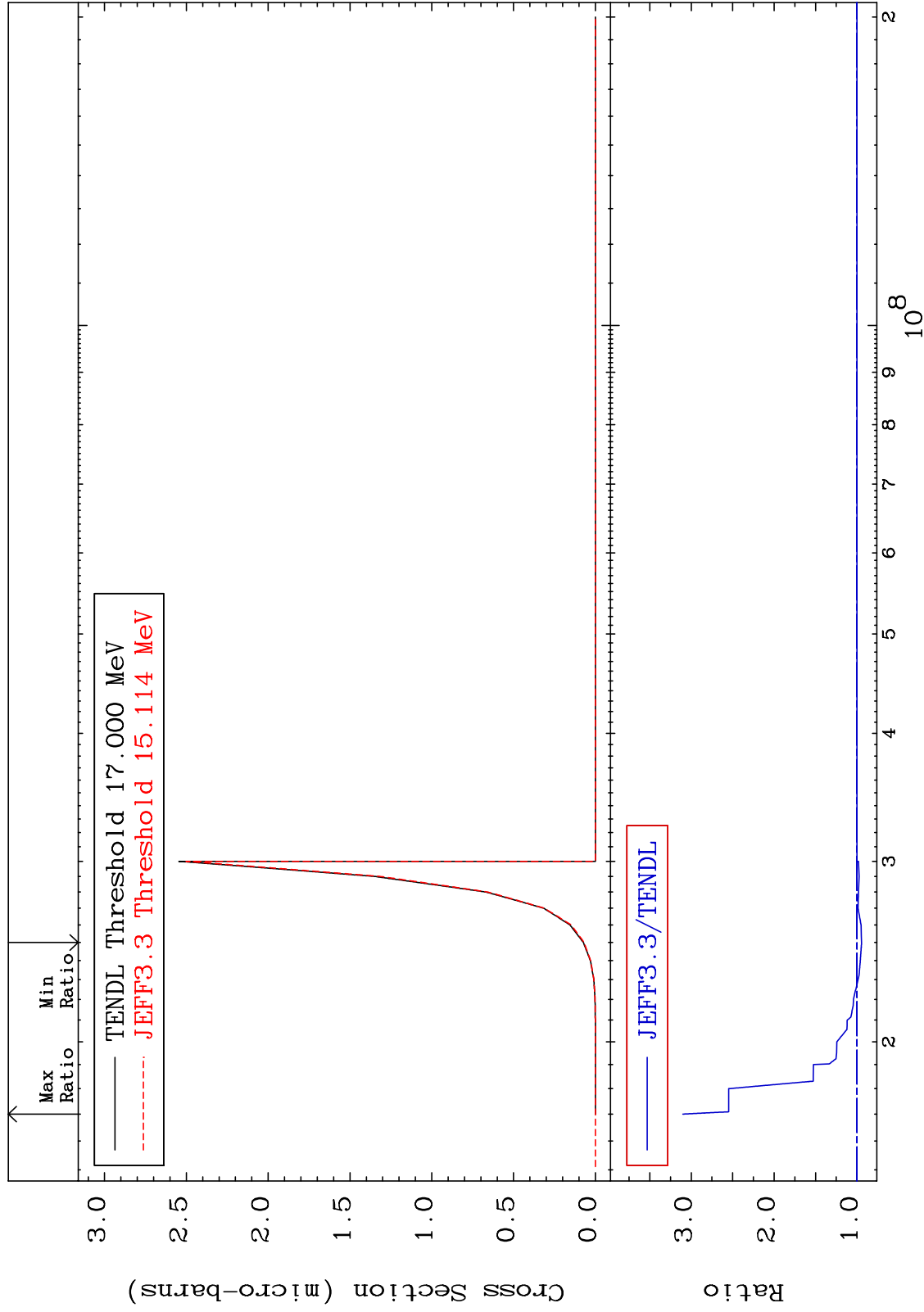


MAT 3443

(n,2p):32-Ge-79m1

34-Ge-80

Radionuclide Production Cross Section -5.537 To 210.1 %

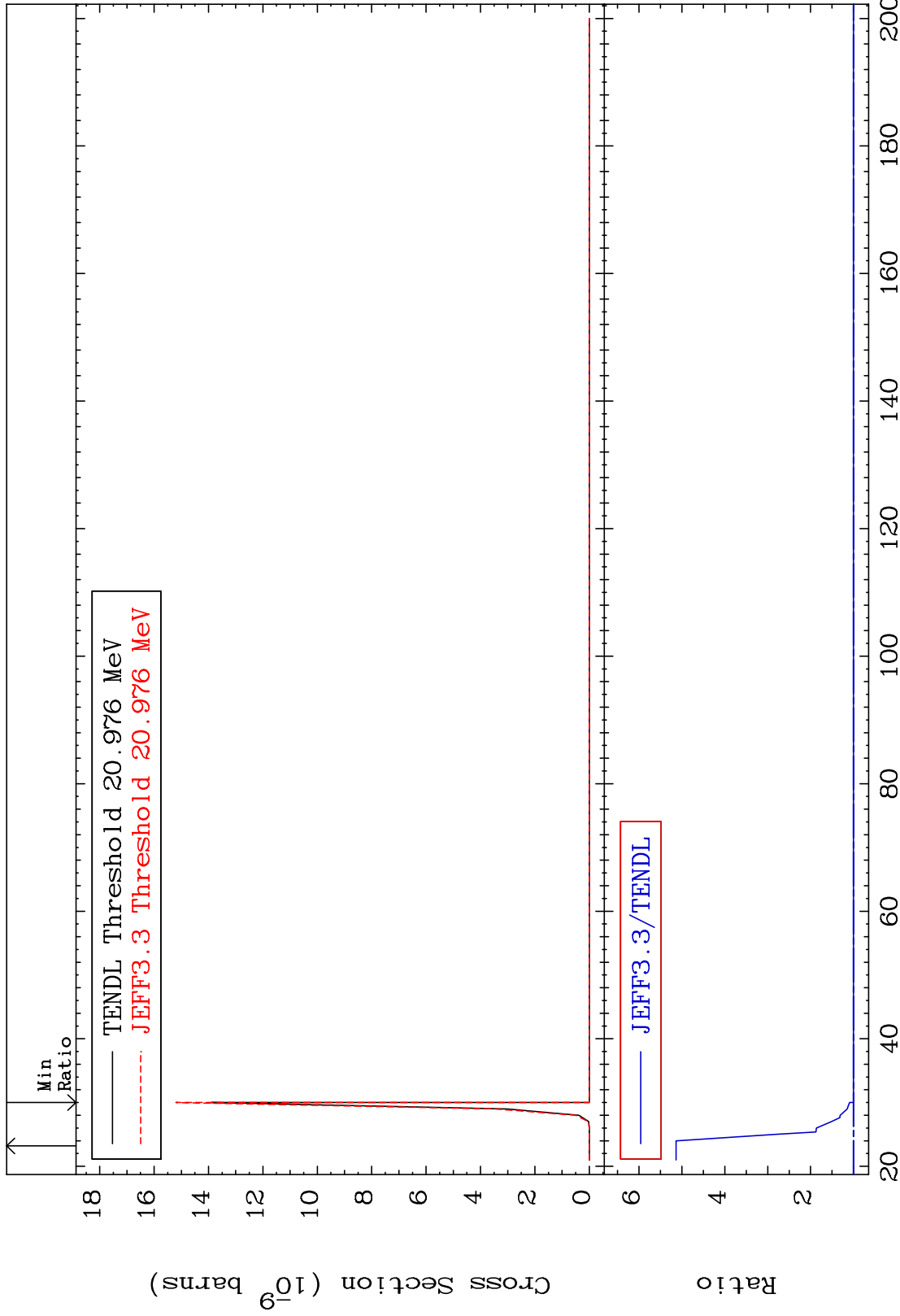


MAT 3443

(n, p) t:32-Ge-77g

34-⁸⁰Se

Radionuclide Production Cross Section 0.000 To 413.6 %



34-⁸⁰Se

Incident Energy (MeV)

93

MAT 3443

(n, p) t: 32-Ge-77m1

34-^{Se}-80

Radionuclide Production Cross Section 0.000 To 618.6 %

