

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

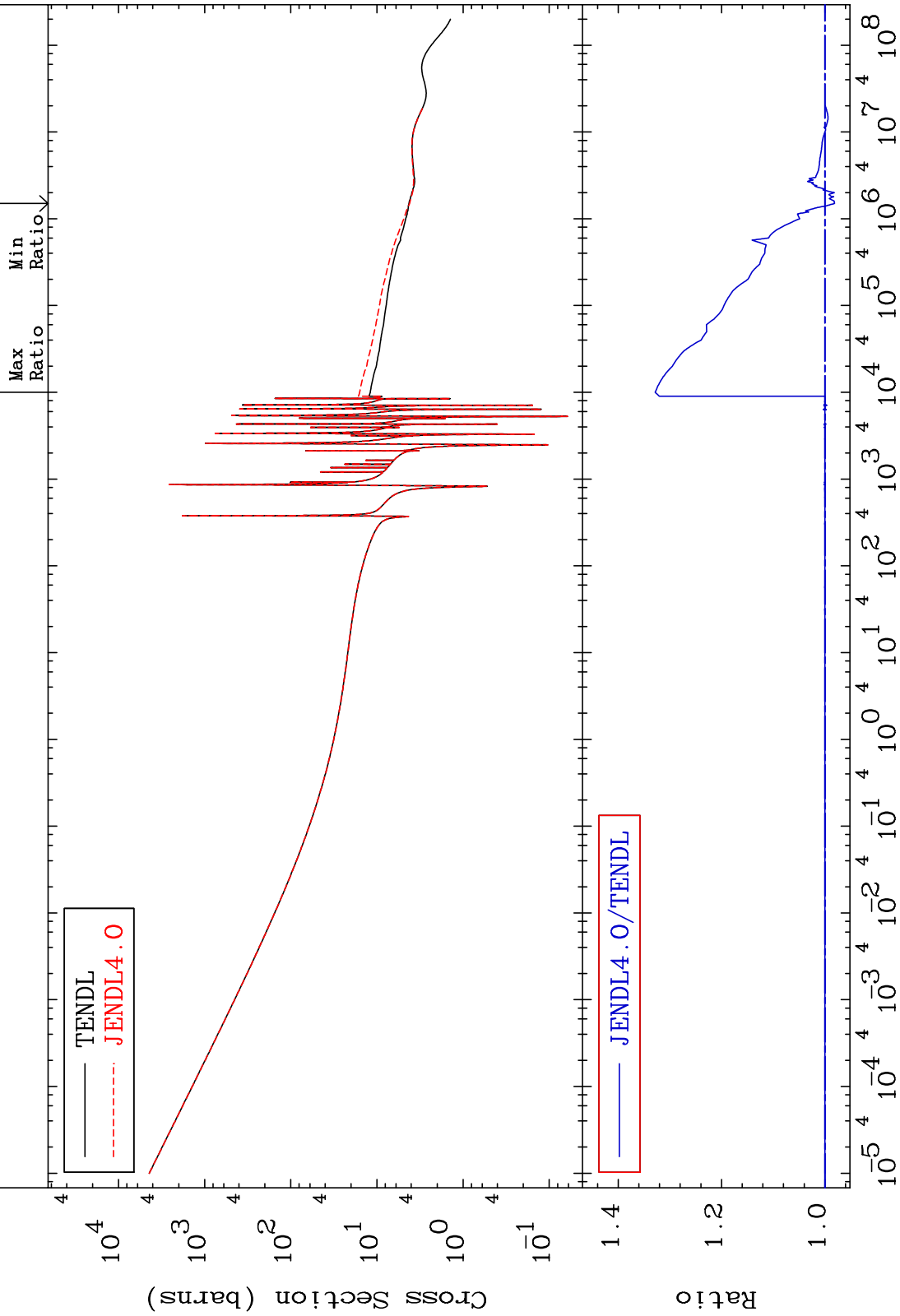
MAT 3431

Total

³⁴Se-76

Cross Section

-1.888 To 32.85 %



1

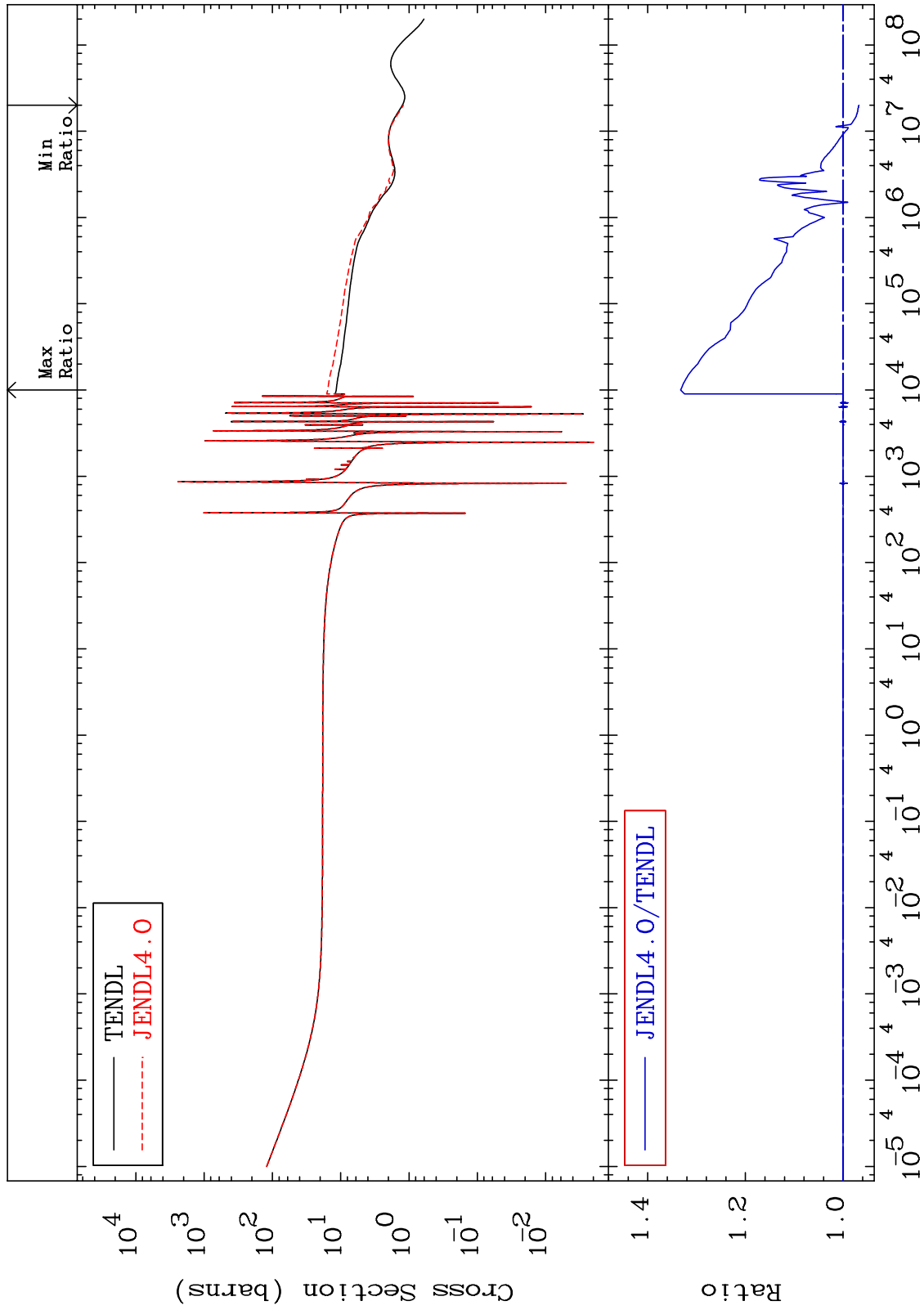
Incident Energy (eV)

³⁴Se-76

MAT 3431

Elastic
Cross Section

34-Se-76
-3.255 To 33.26 %



2

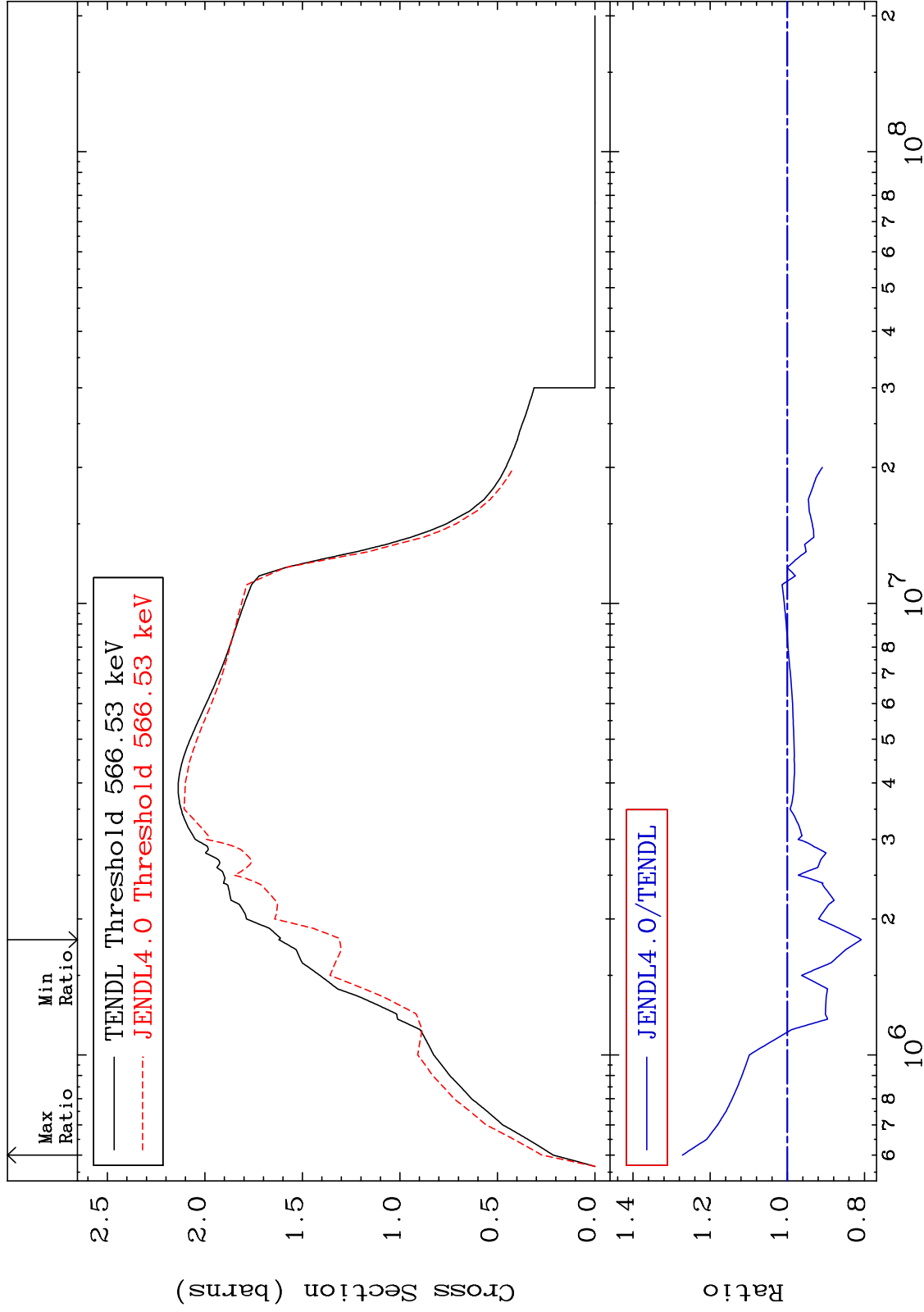
Incident Energy (eV)

34-Se-76

MAT 3431

Inelastic
Cross Section

34-Se-76
-19.17 To 27.20 %

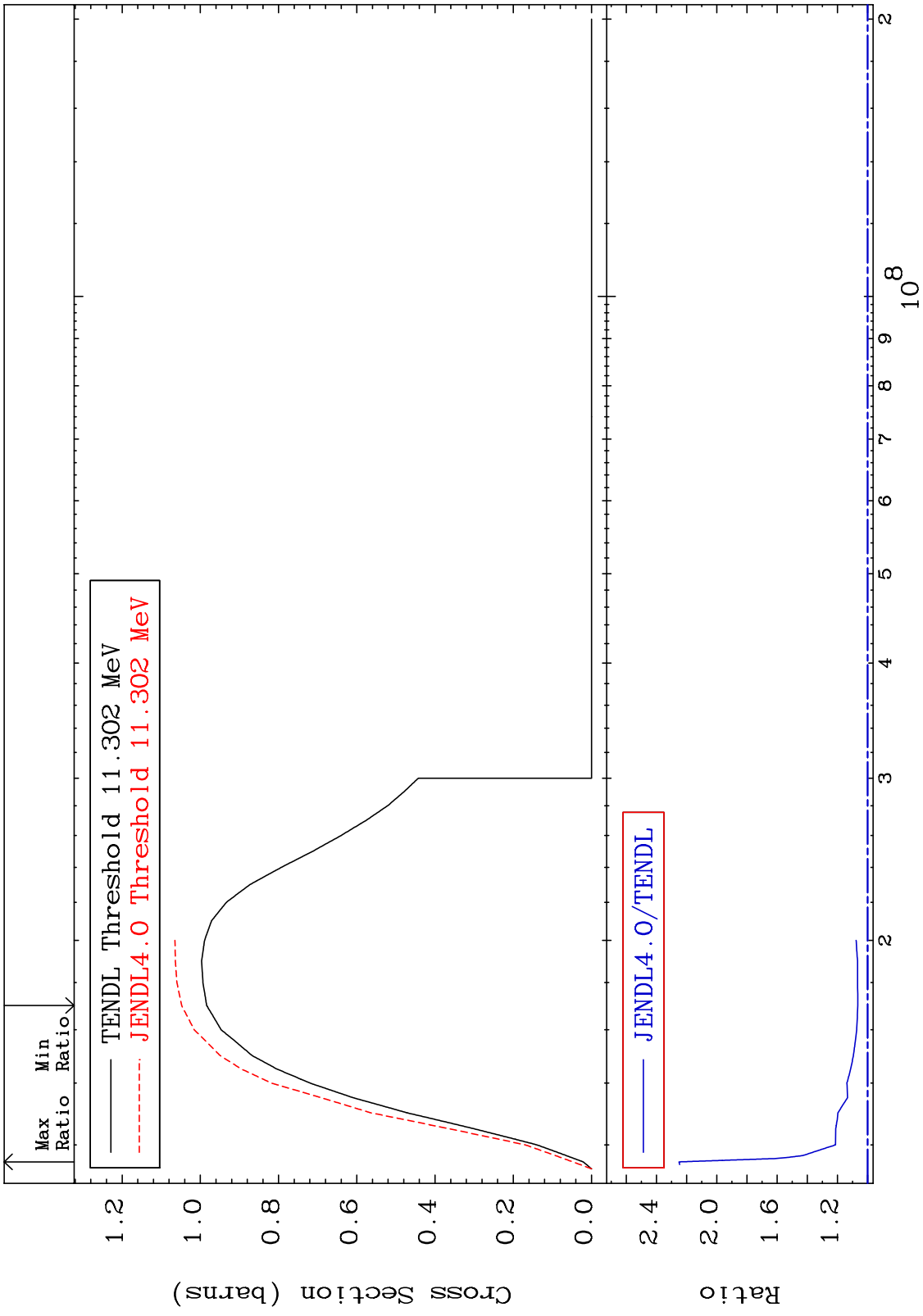


3

Incident Energy (eV)

34-Se-76

MAT 3431 (n,2n) Cross Section 34-Se-76 To 125.0 %
 6.507



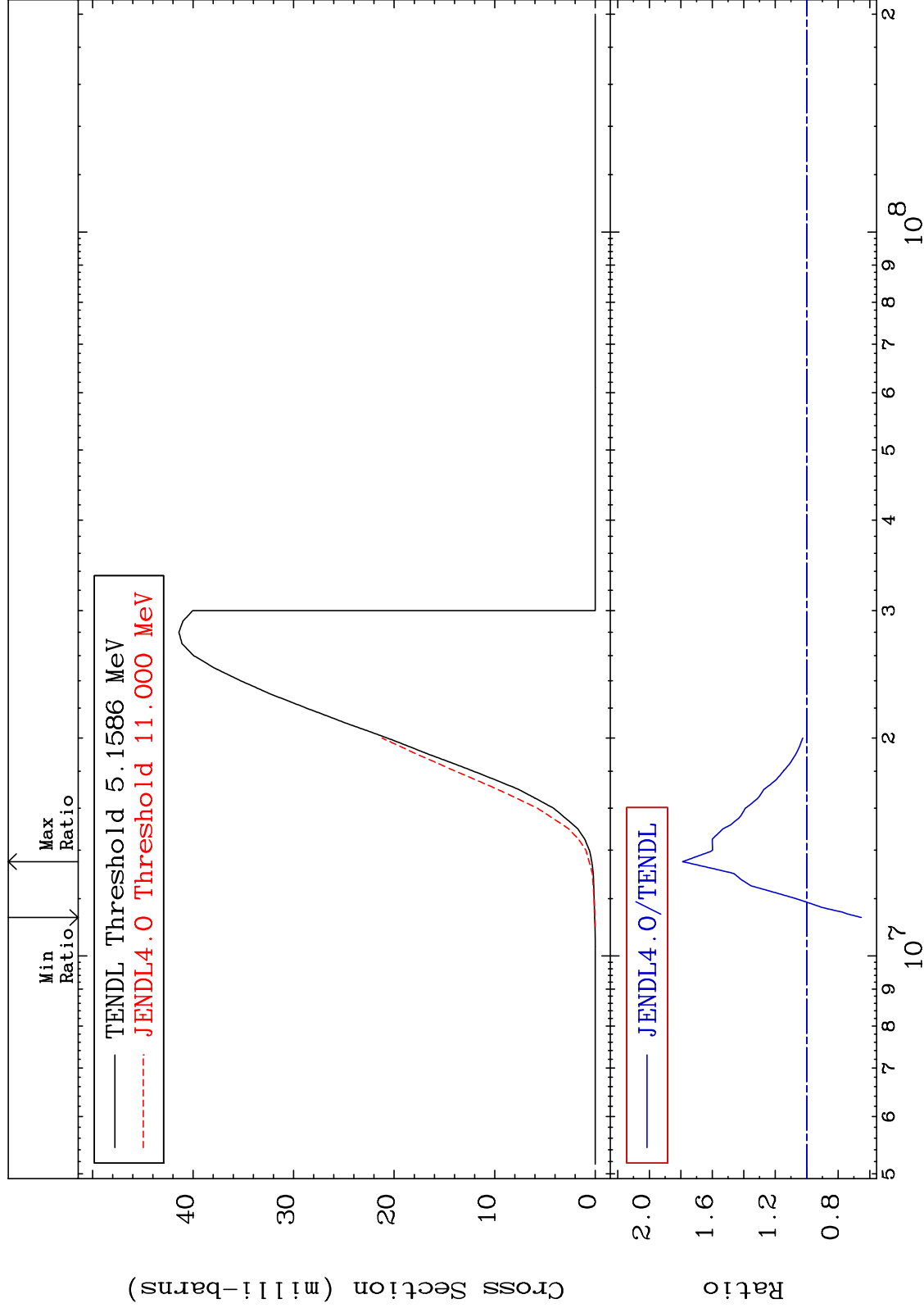
MAT 3431

(n, n') α

³⁴Se-76

Cross Section

-34.68 To 78.81 %



5

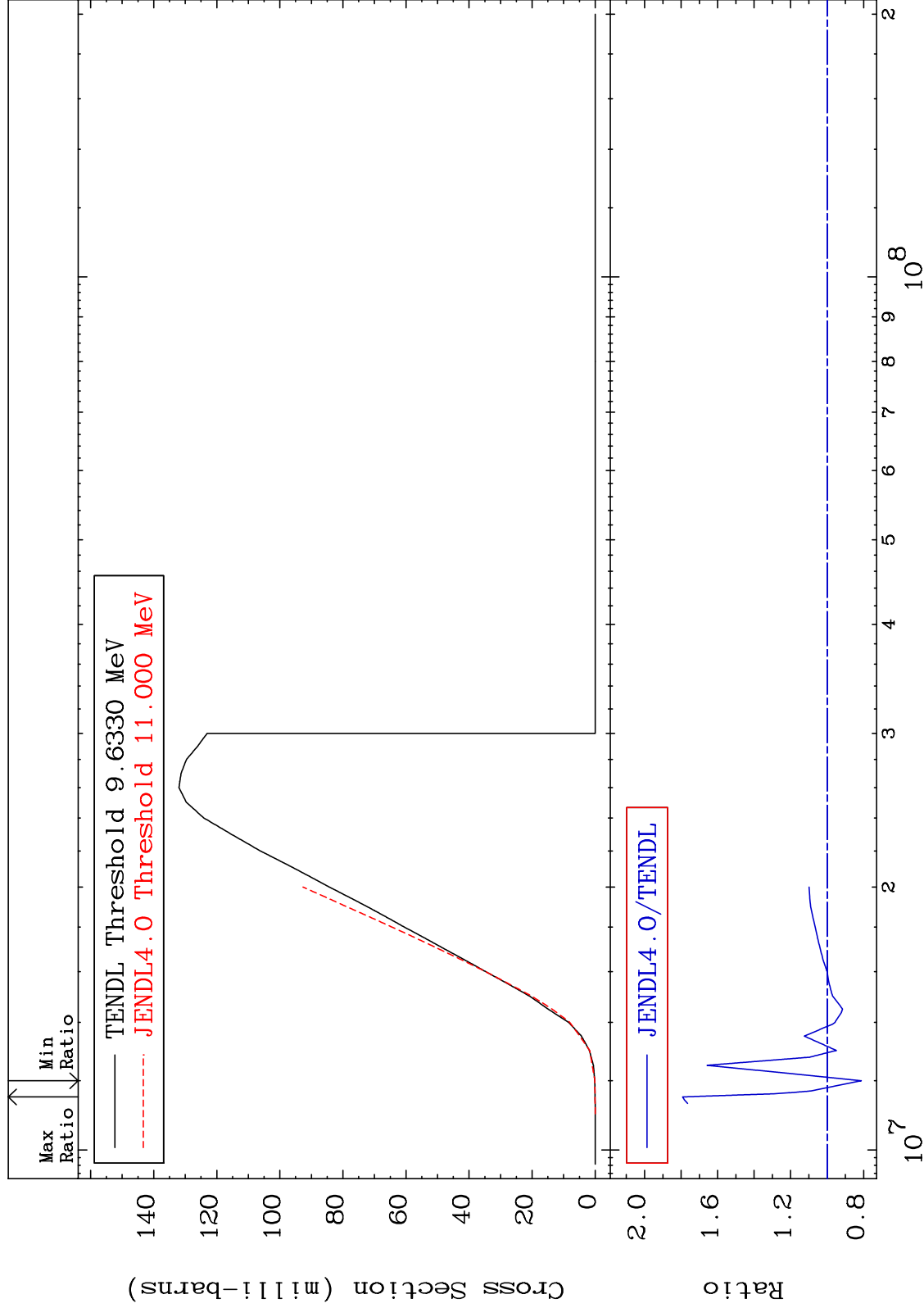
Incident Energy (eV)

³⁴Se-76

MAT 3431

(n,n') p
Cross Section

34-Se-76
-18.74 To 79.13 %



34-Se-76

34-Se-76

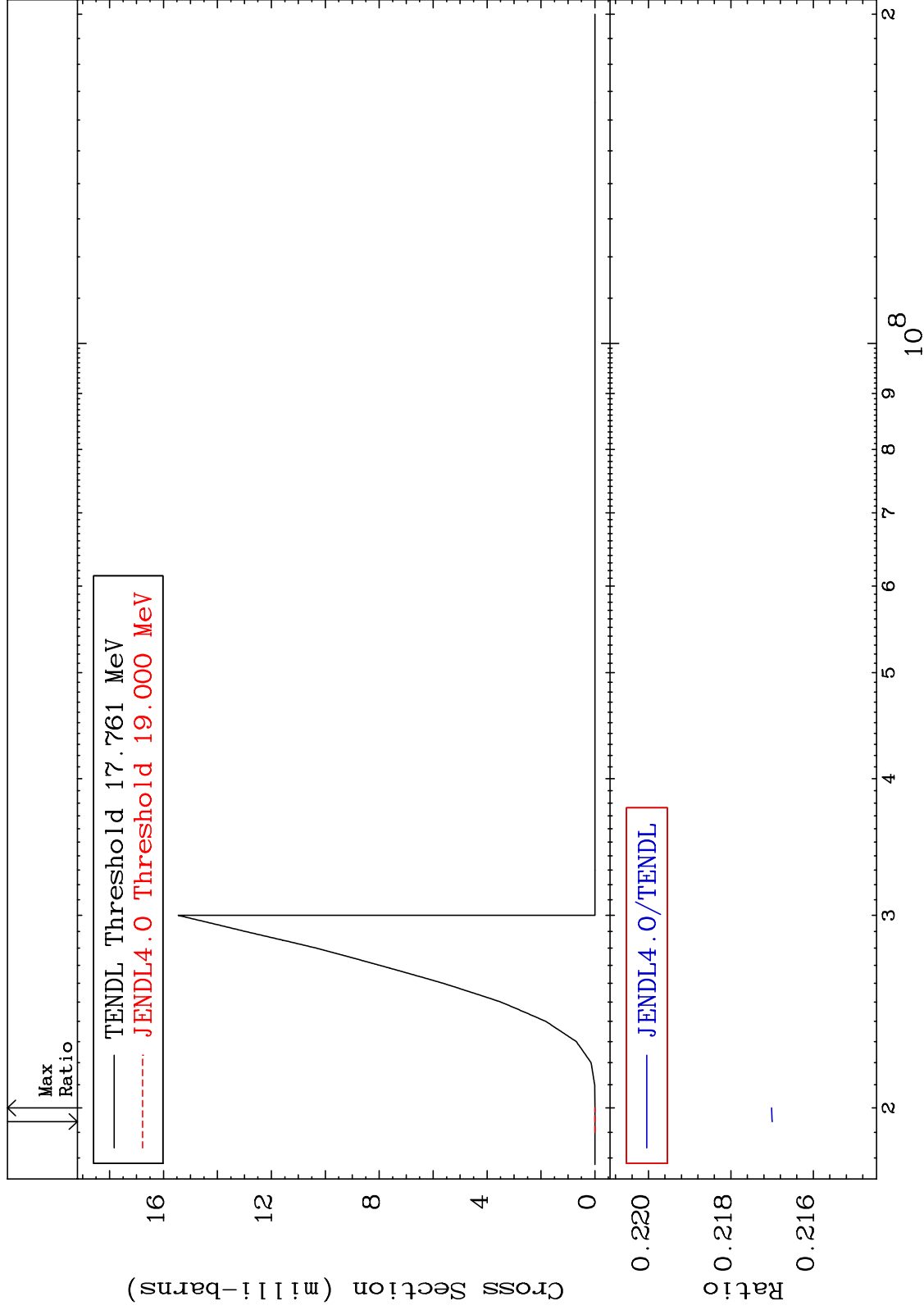
MAT 3431

(n, n') d

³⁴Se-76

Cross Section

-78.30 To -78.30%

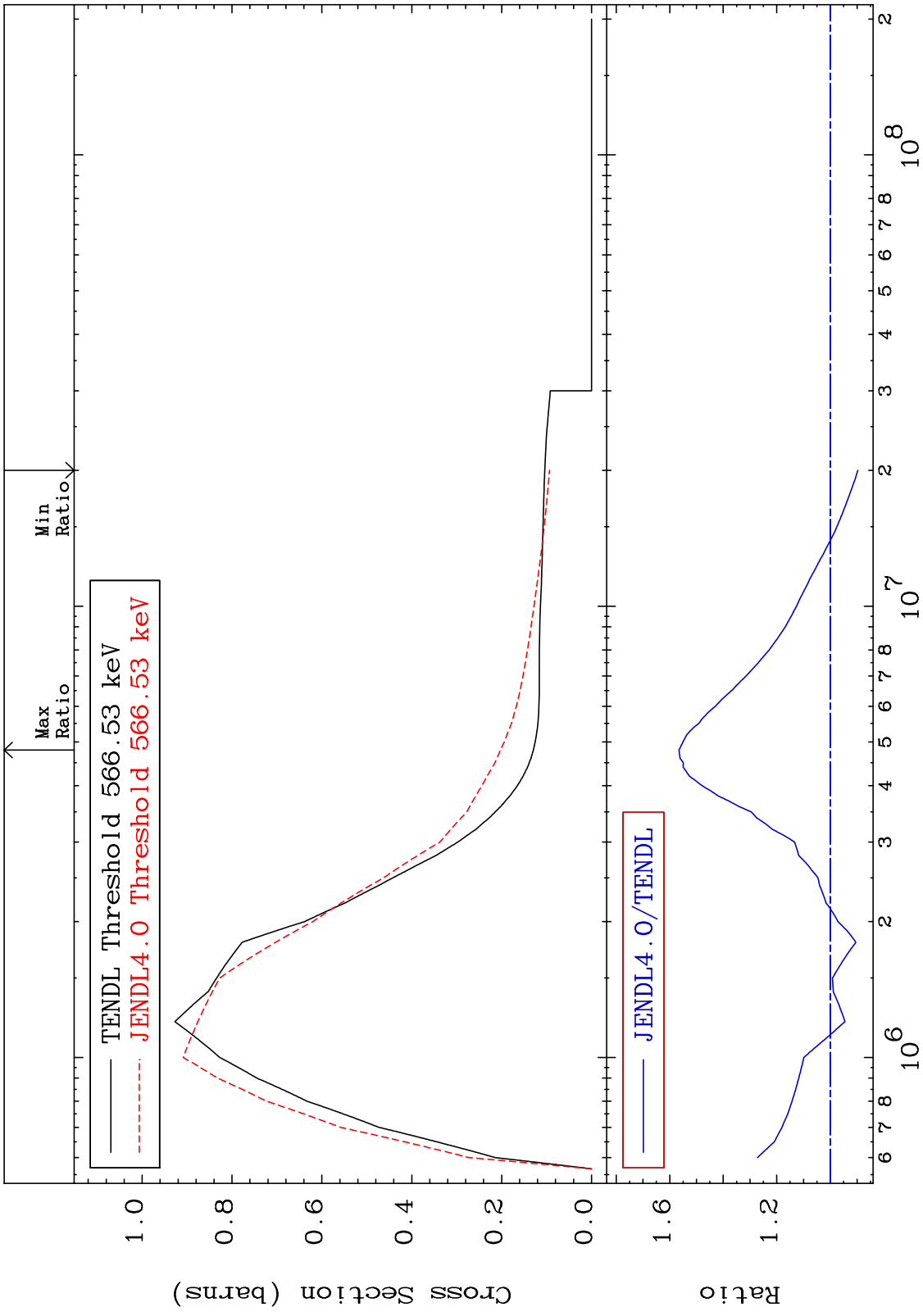


7

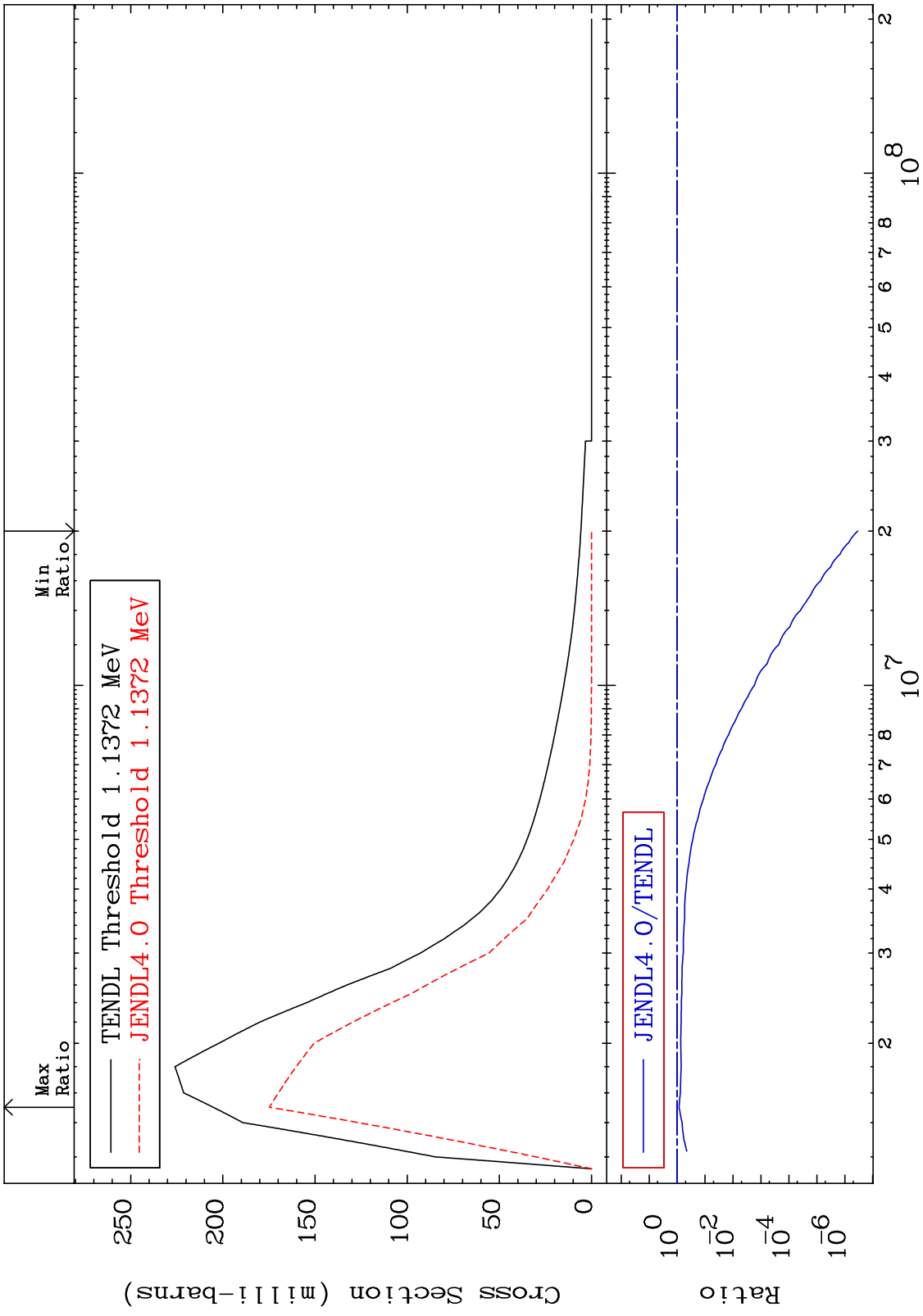
Incident Energy (eV)

³⁴Se-76

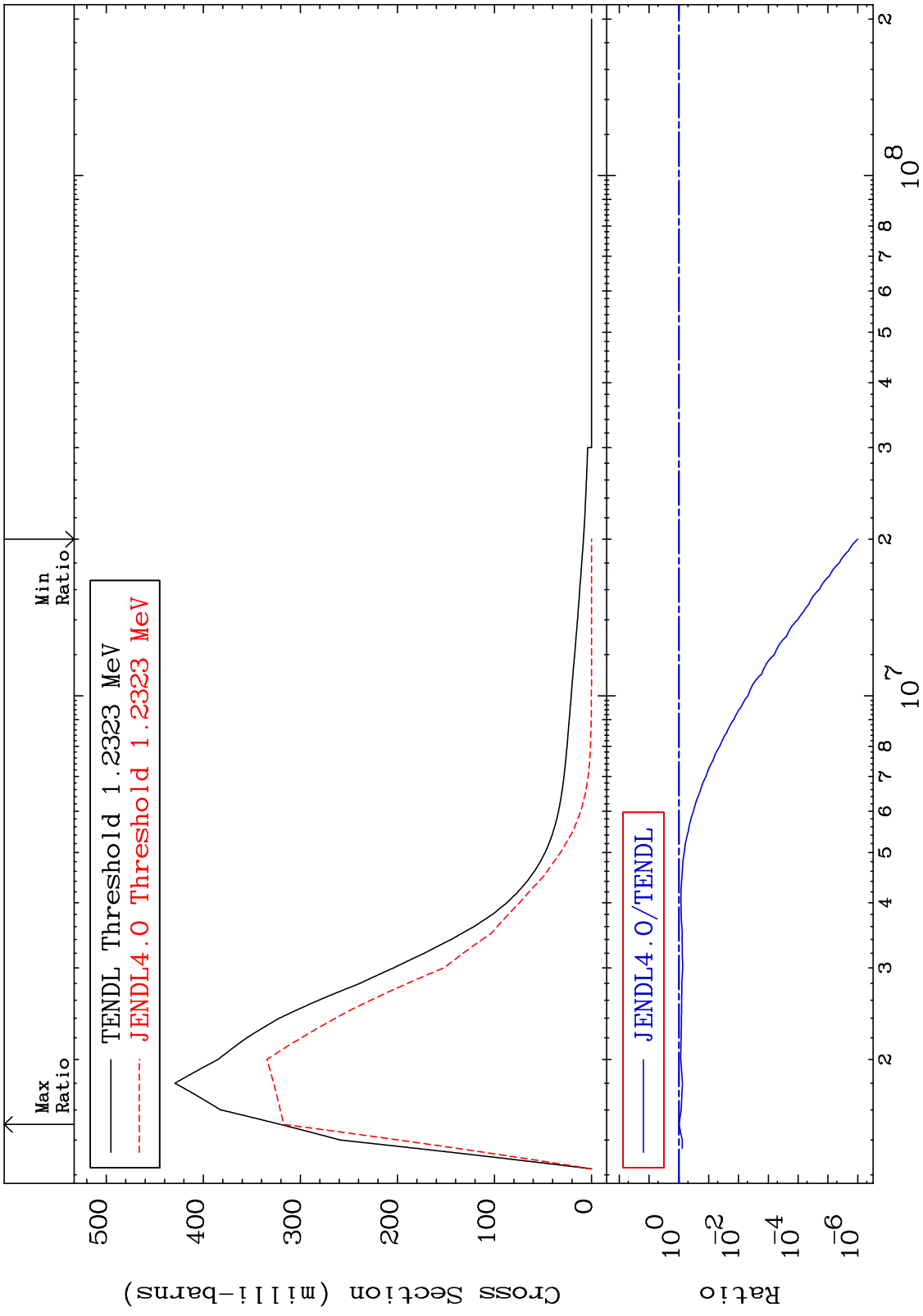
MAT 3431 MT= 51 (n,n') Level Cross Section -10.30 To 56.51 % 34-Se-76



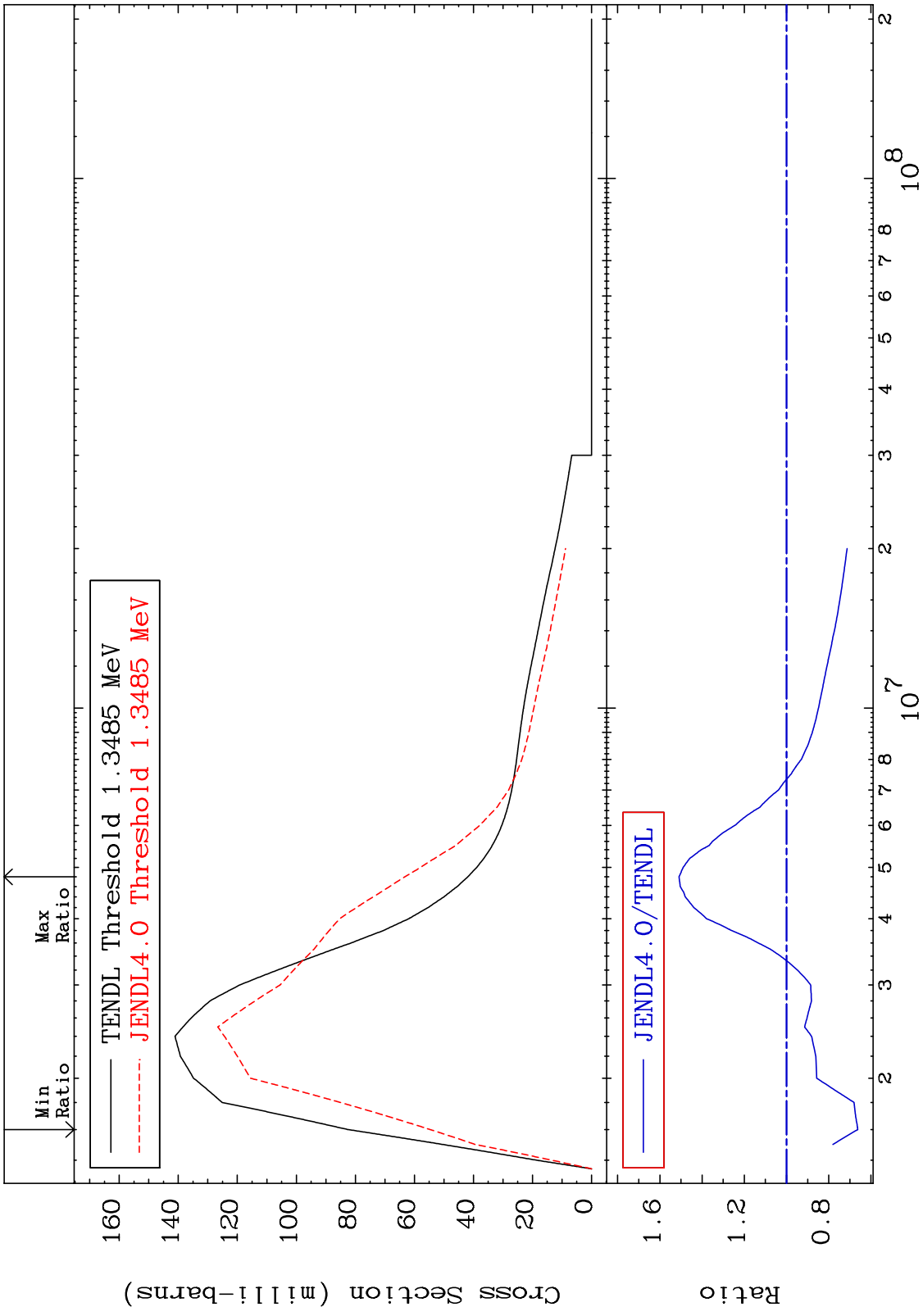
MAT 3431 MT= 52 (n,n') Level Cross Section 34-Se-76
 -100.0 To -14.88%



MAT 3431 MT= 53 (n,n') Level Cross Section 34-Se-76 -100.0 To -1.058%



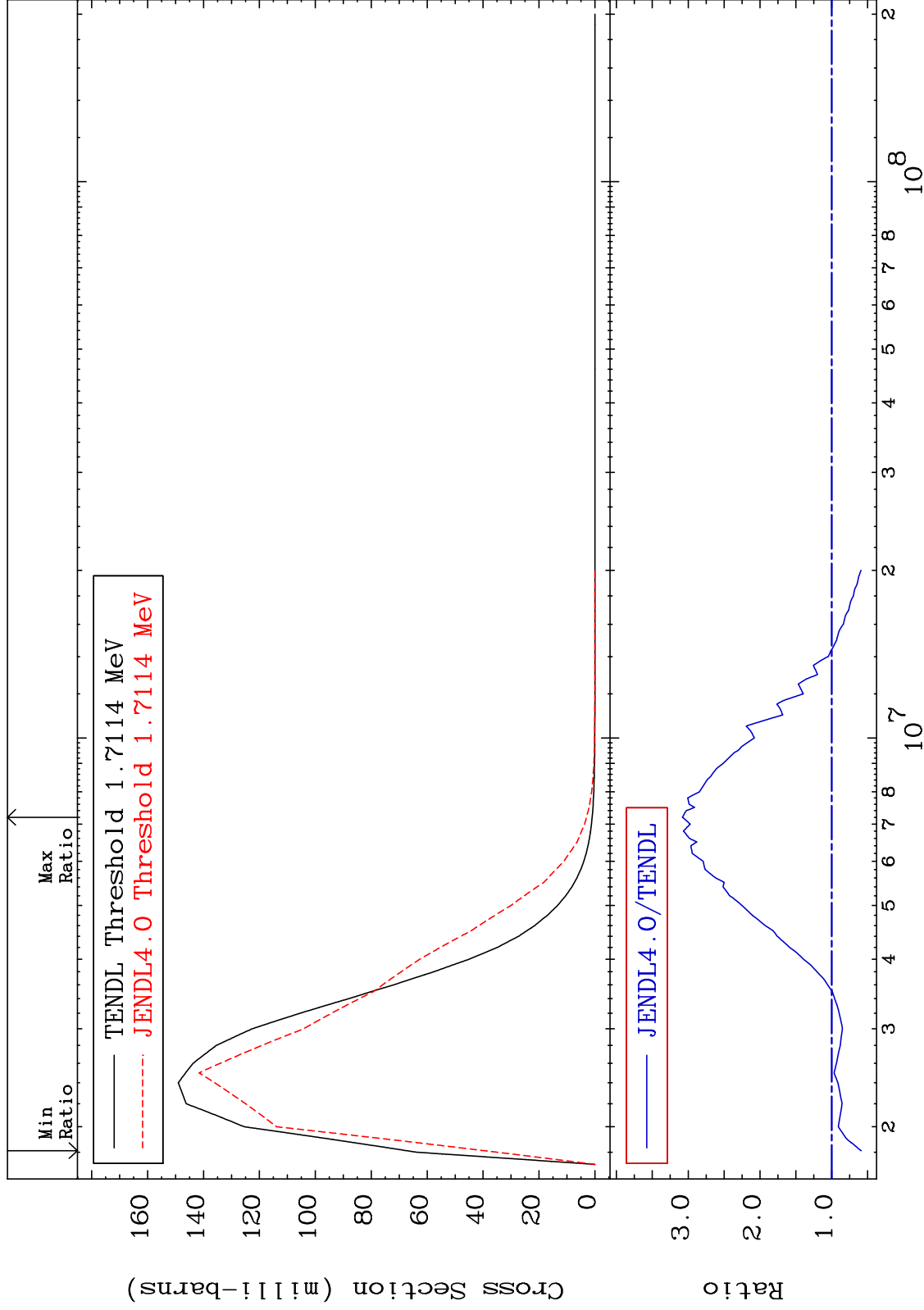
MAT 3431 MT= 54 (n,n') Level Cross Section 34-Se-76
 -33.78 To 50.92 %



MAT 3431

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

34-Se-76
-41.35 To 208.0 %



12

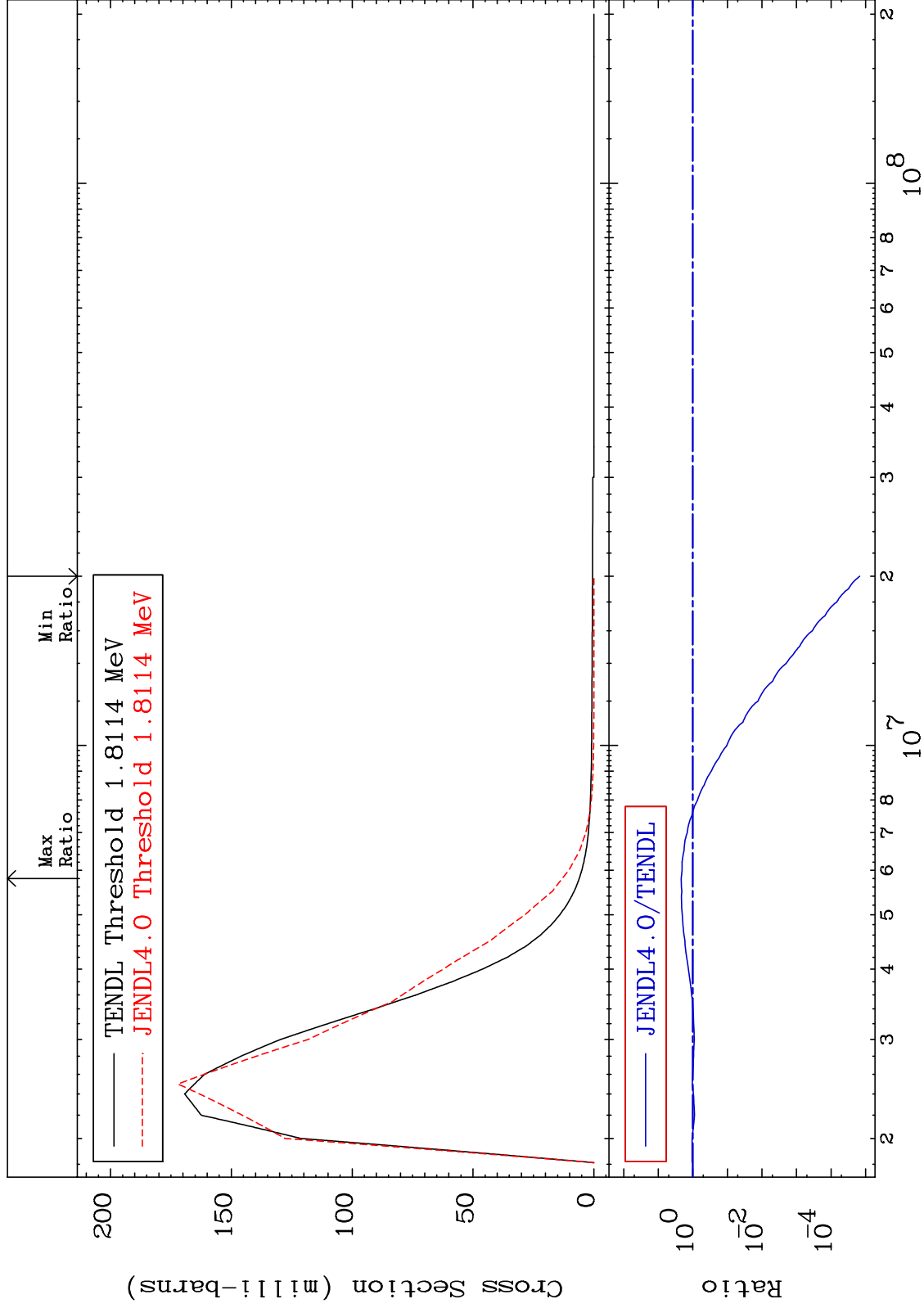
Incident Energy (eV)

34-Se-76

MAT 3431

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

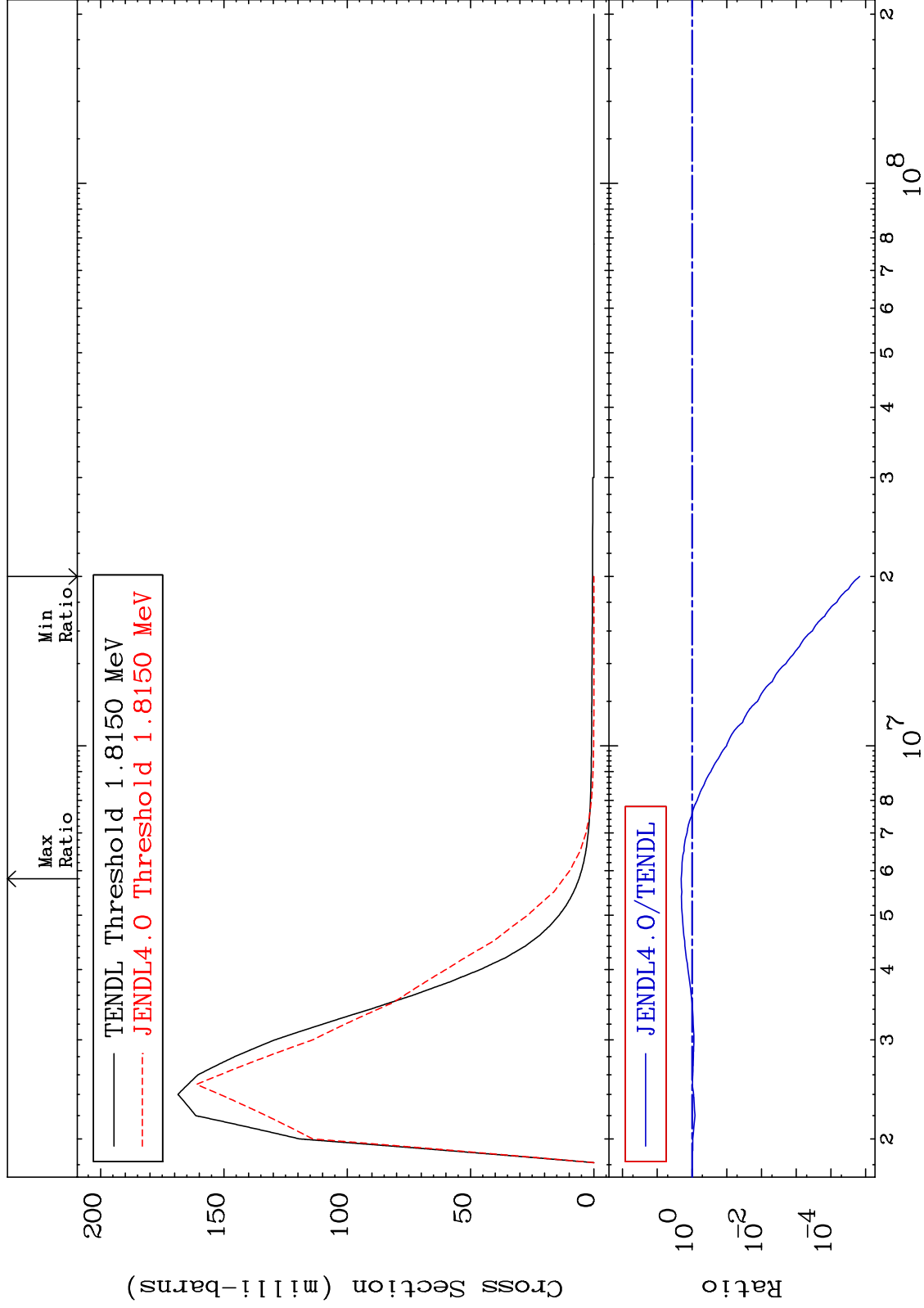
34-Se-76
-100.0 To 116.7 %



MAT 3431

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

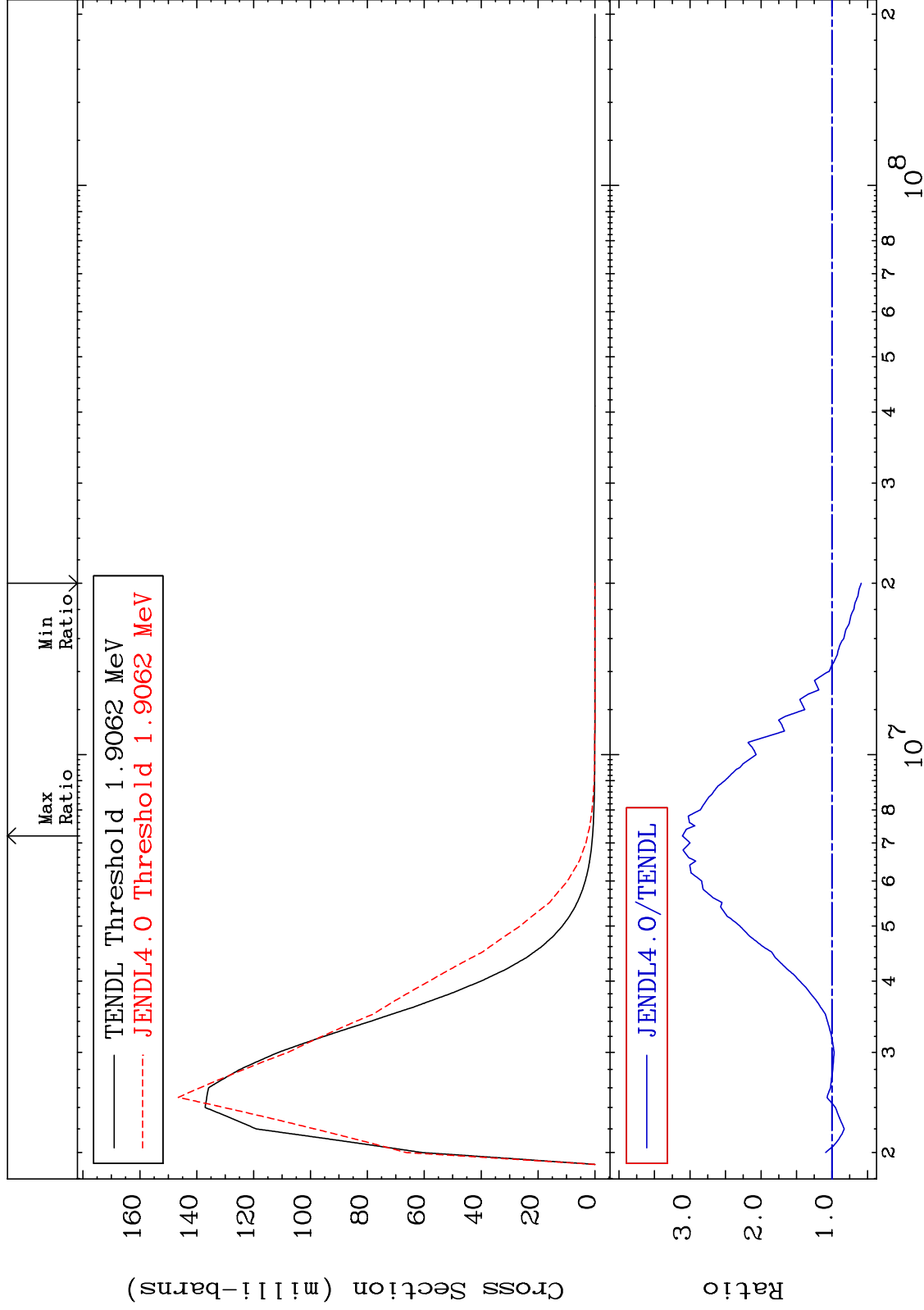
34-Se-76
-100.0 To 103.9 %



MAT 3431

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

34-Se-76
-41.24 To 210.6 %



15

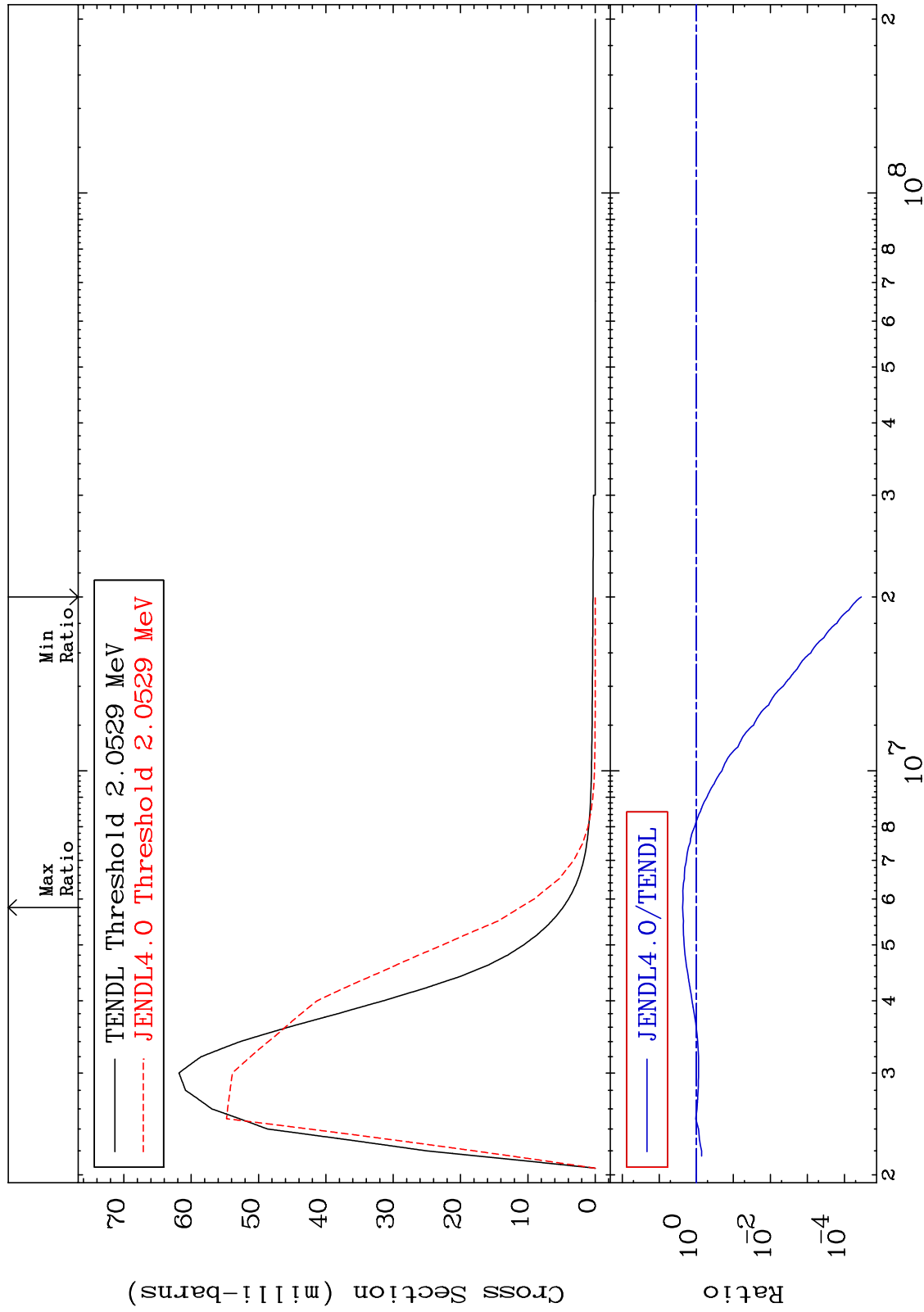
Incident Energy (eV)

34-Se-76

MAT 3431

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

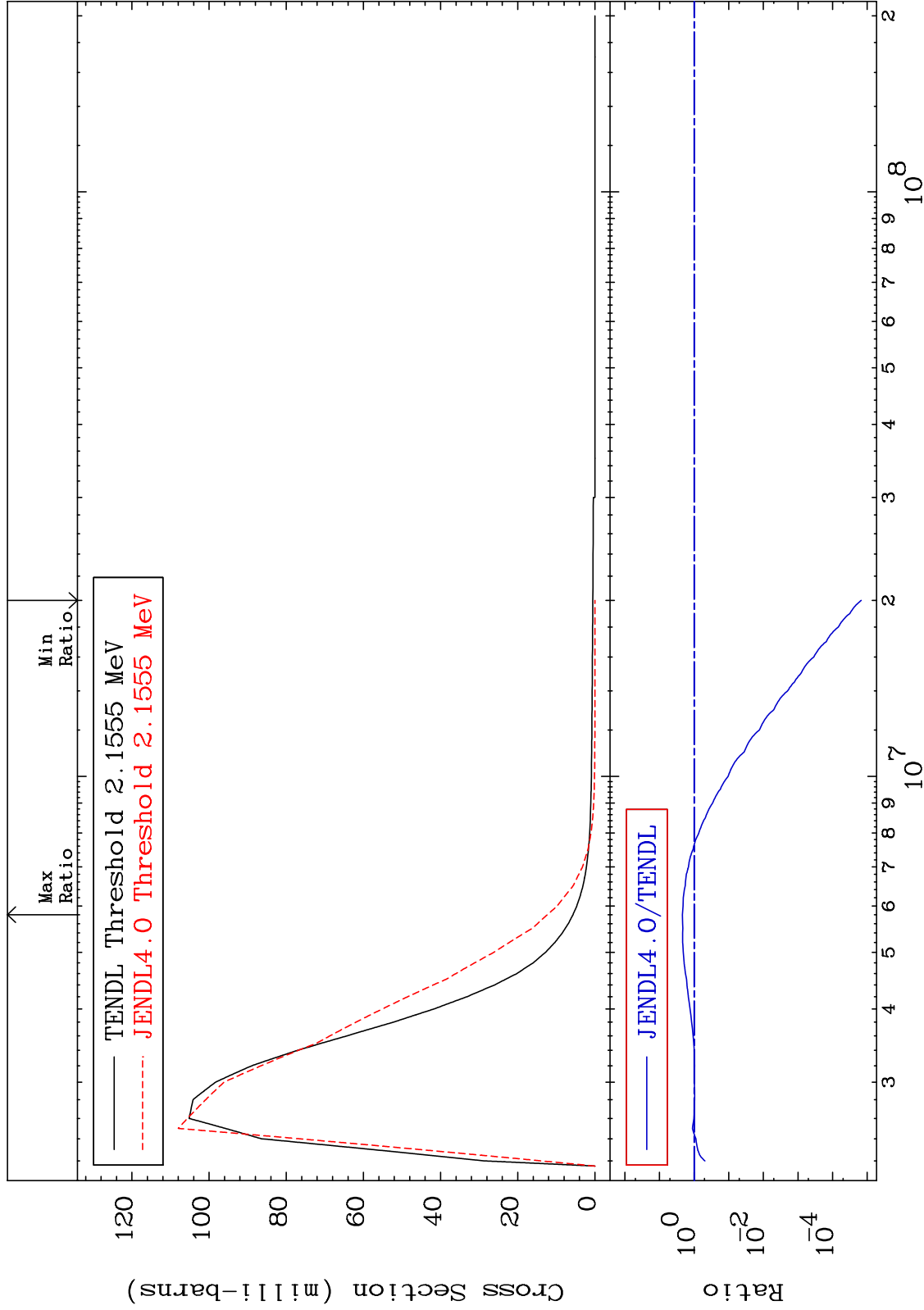
34-Se-76
-100.0 To 133.8 %



MAT 3431

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

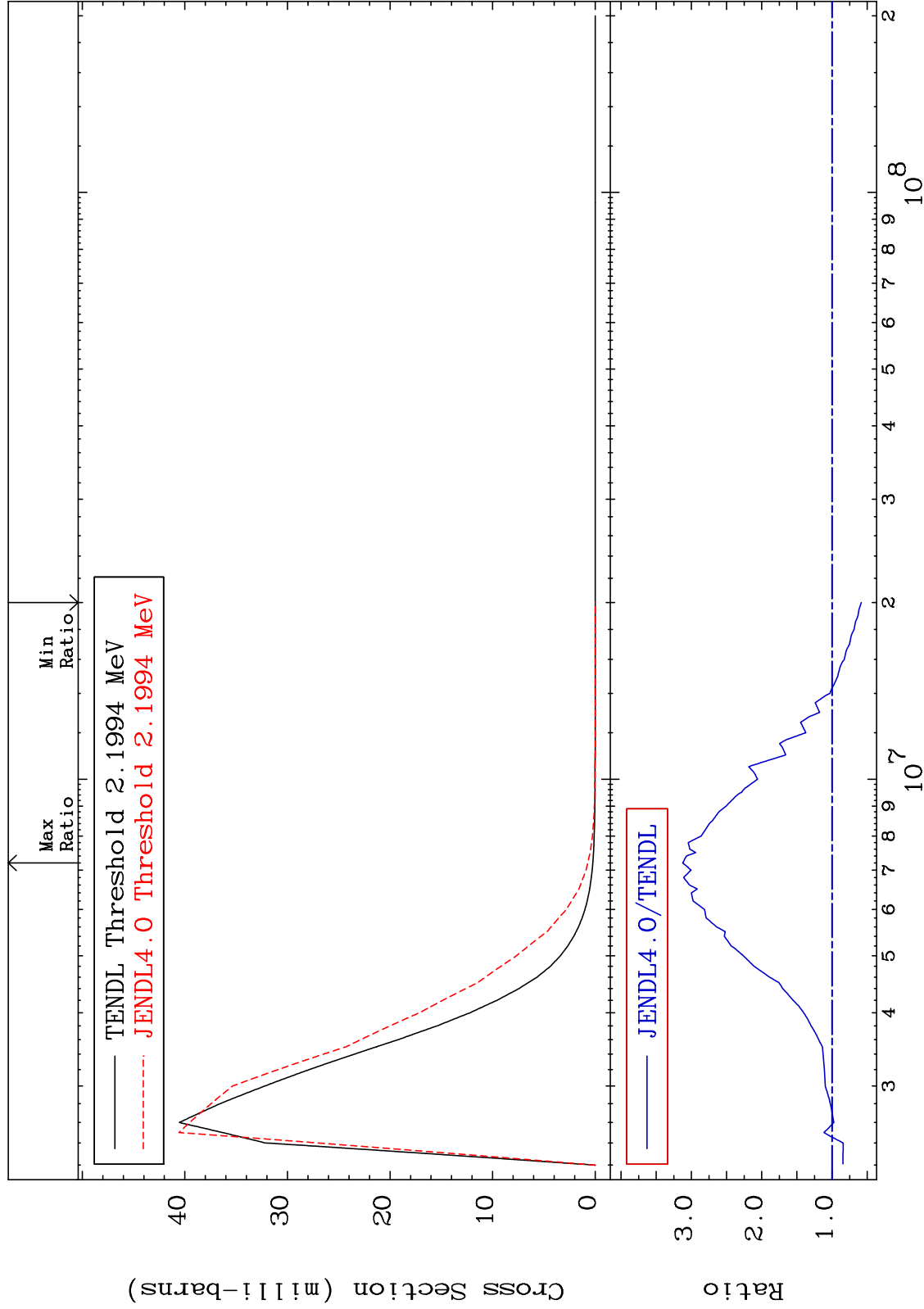
34-Se-76
-100.0 To 117.3 %



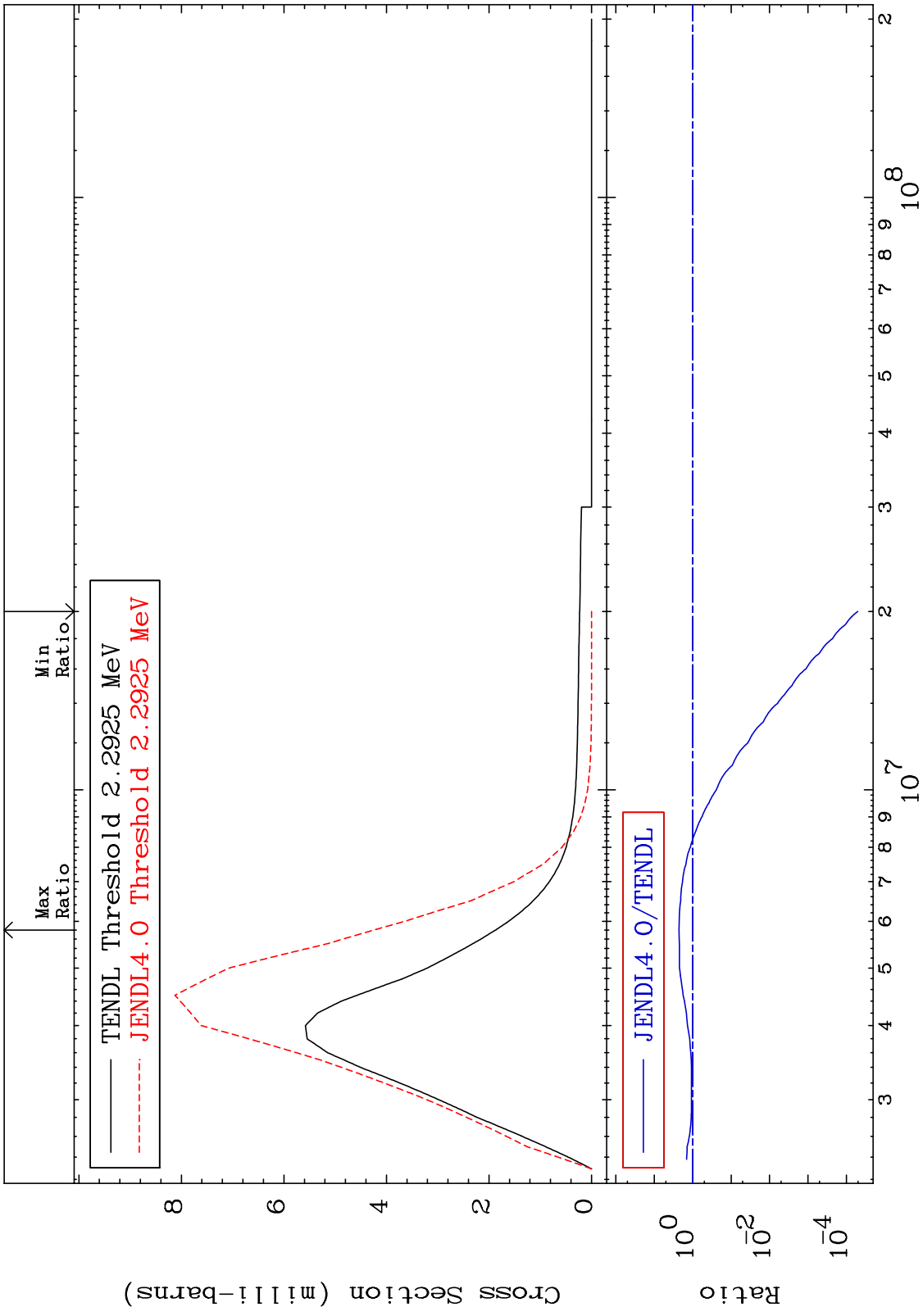
MAT 3431

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

34-Se-76
-41.63 To 212.4 %



MAT 3431 MT= 62 (n,n') Level Cross Section 34-Se-76
 -99.99 To 127.0 %

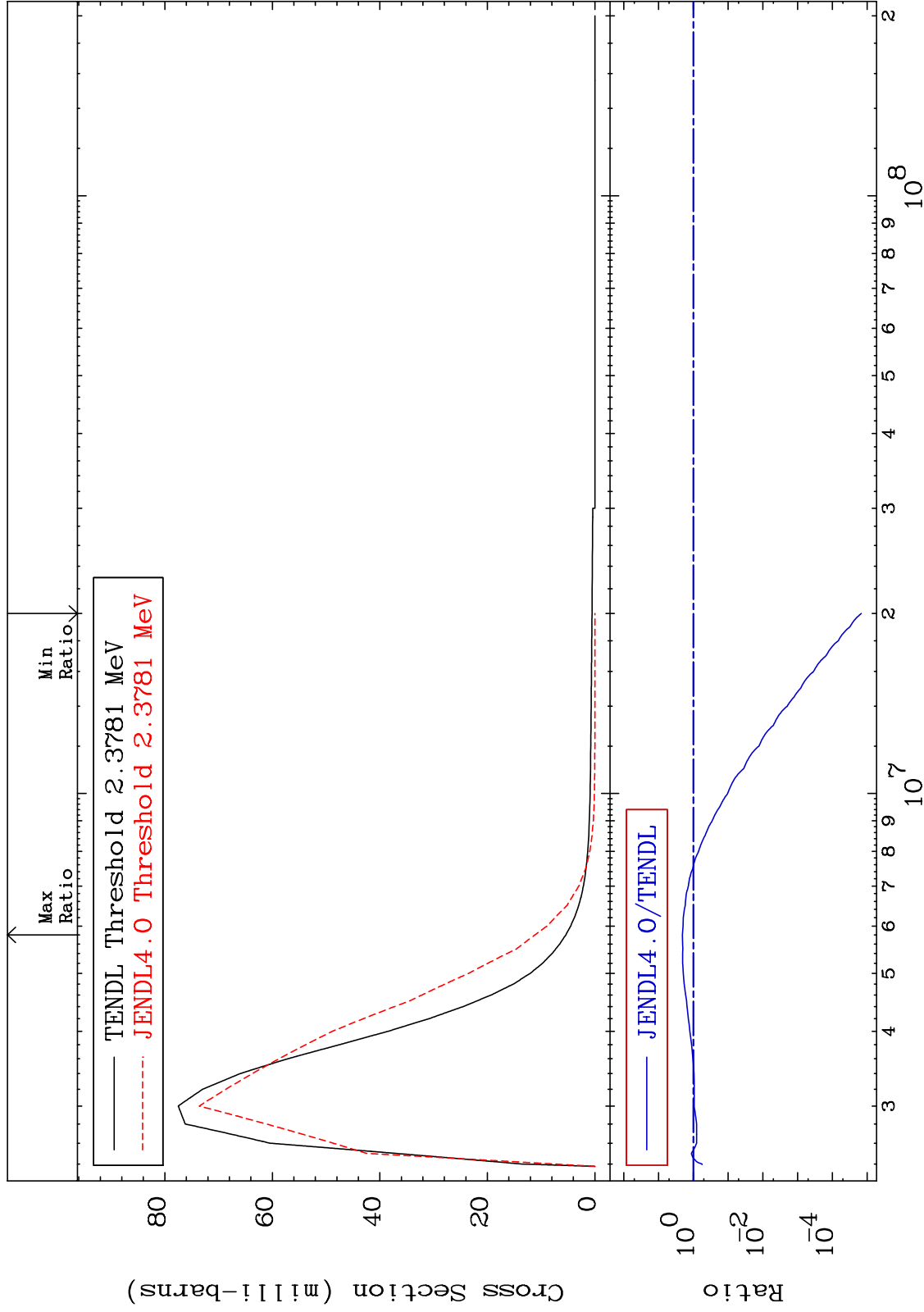


19 34-Se-76

MAT 3431

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

34-Se-76
-100.0 To 106.0 %



20

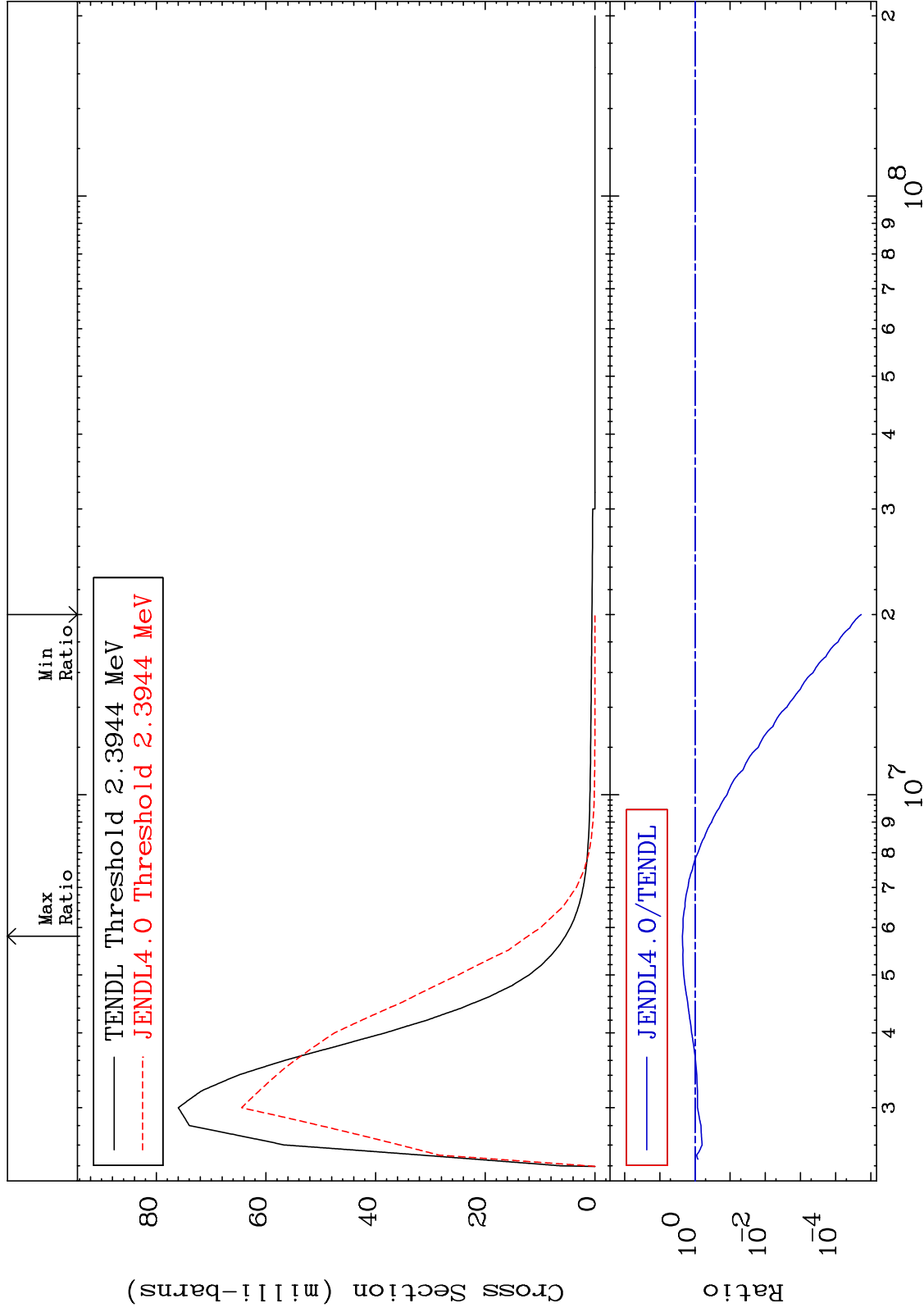
Incident Energy (eV)

34-Se-76

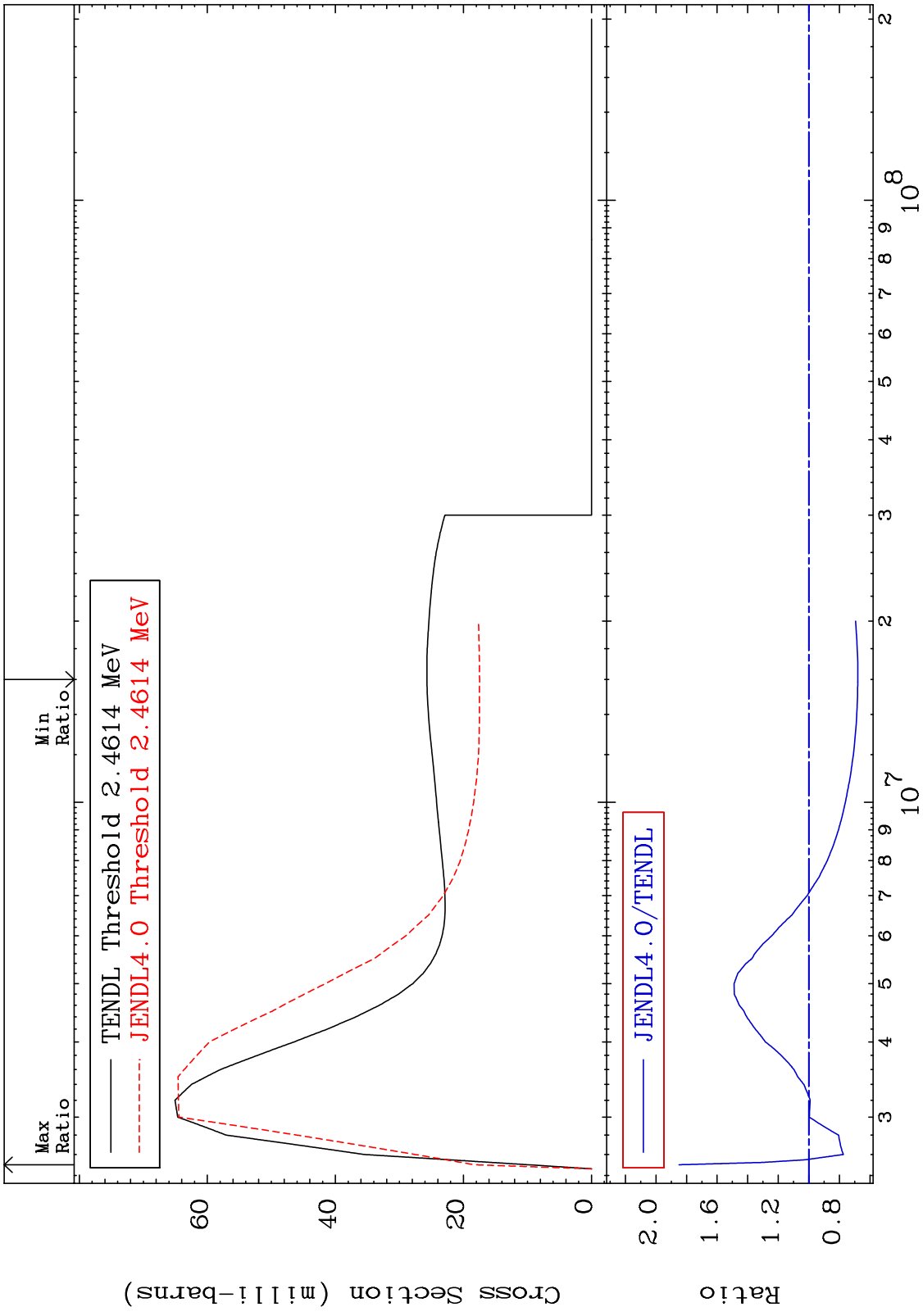
MAT 3431

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

34-Se-76
-100.0 To 126.9 %



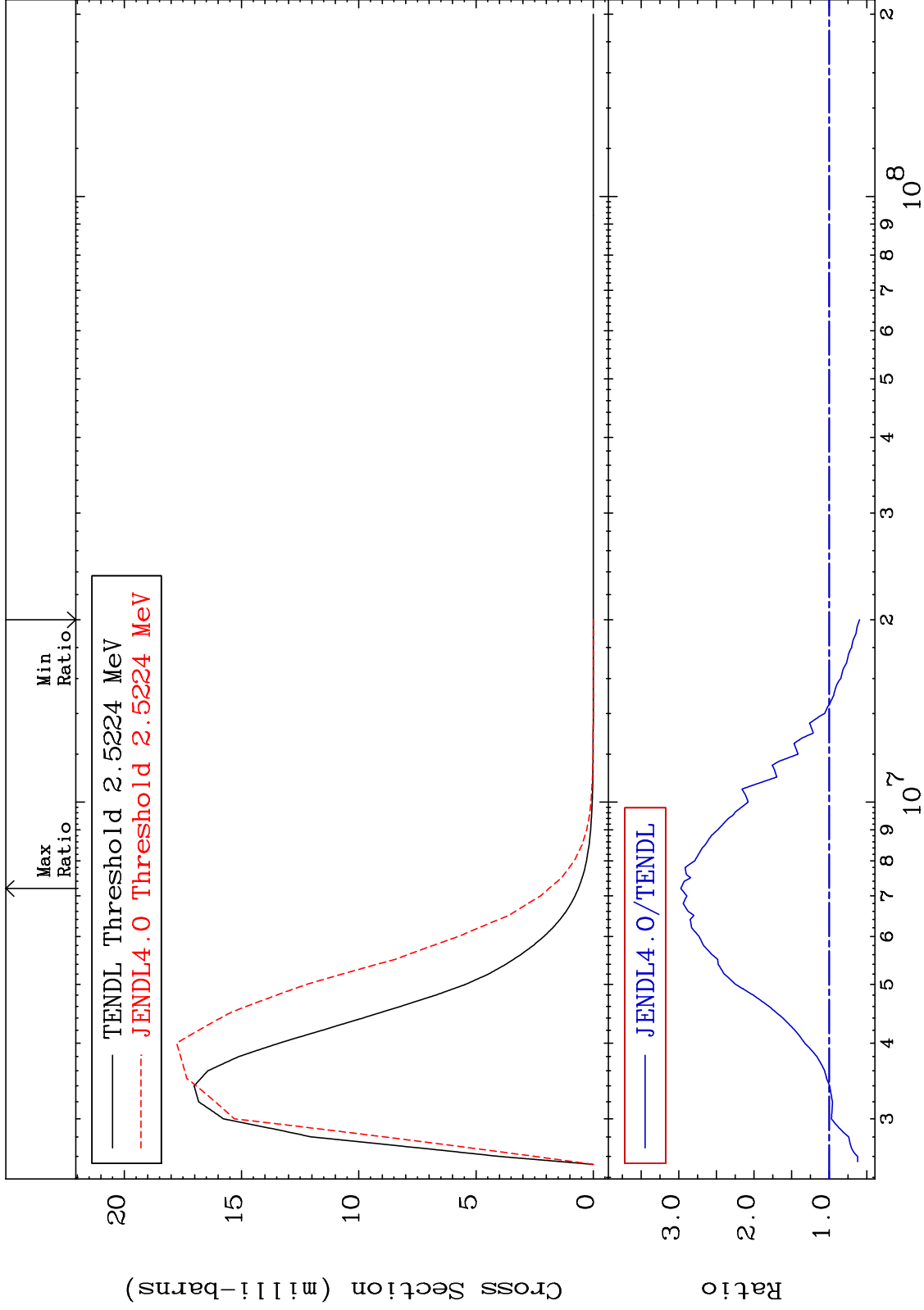
MAT 3431 MT= 65 (n,n') Level Cross Section 34-Se-76
 -31.99 To 84.89 %



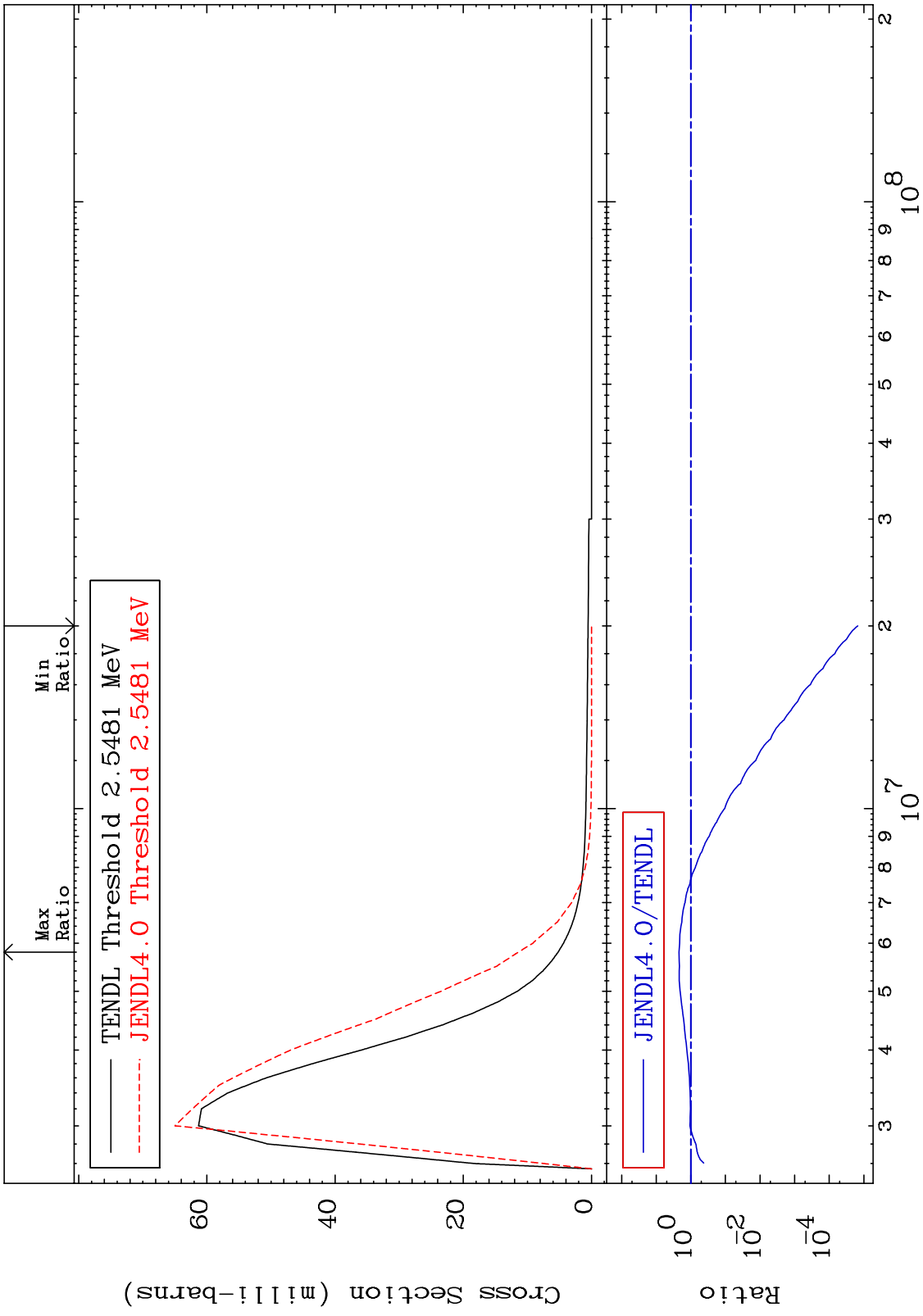
MAT 3431

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

34-Se-76
-40.43 To 197.3 %



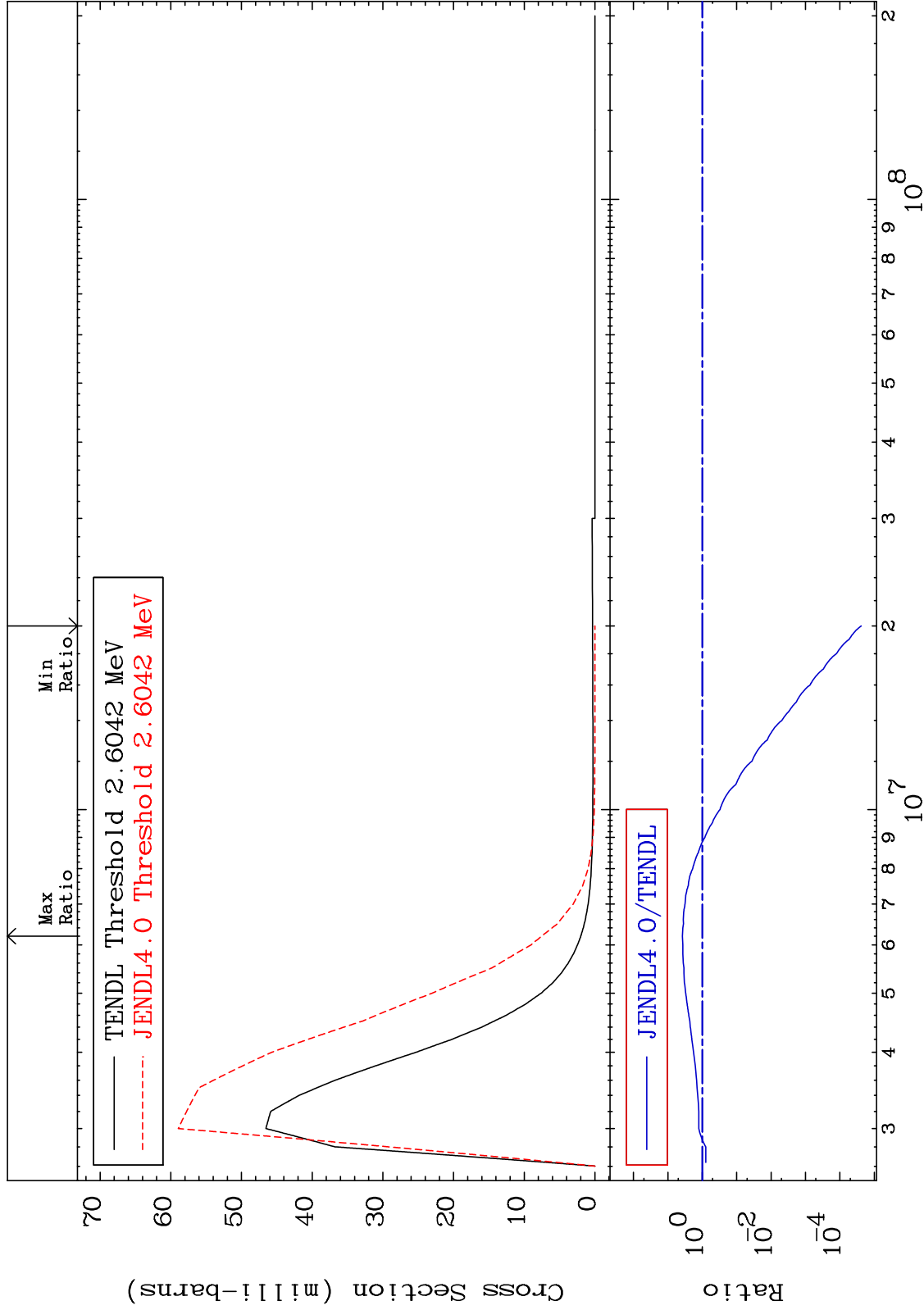
MAT 3431 MT= 67 (n,n') Level Cross Section 34-Se-76
 -100.0 To 119.0 %



MAT 3431

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

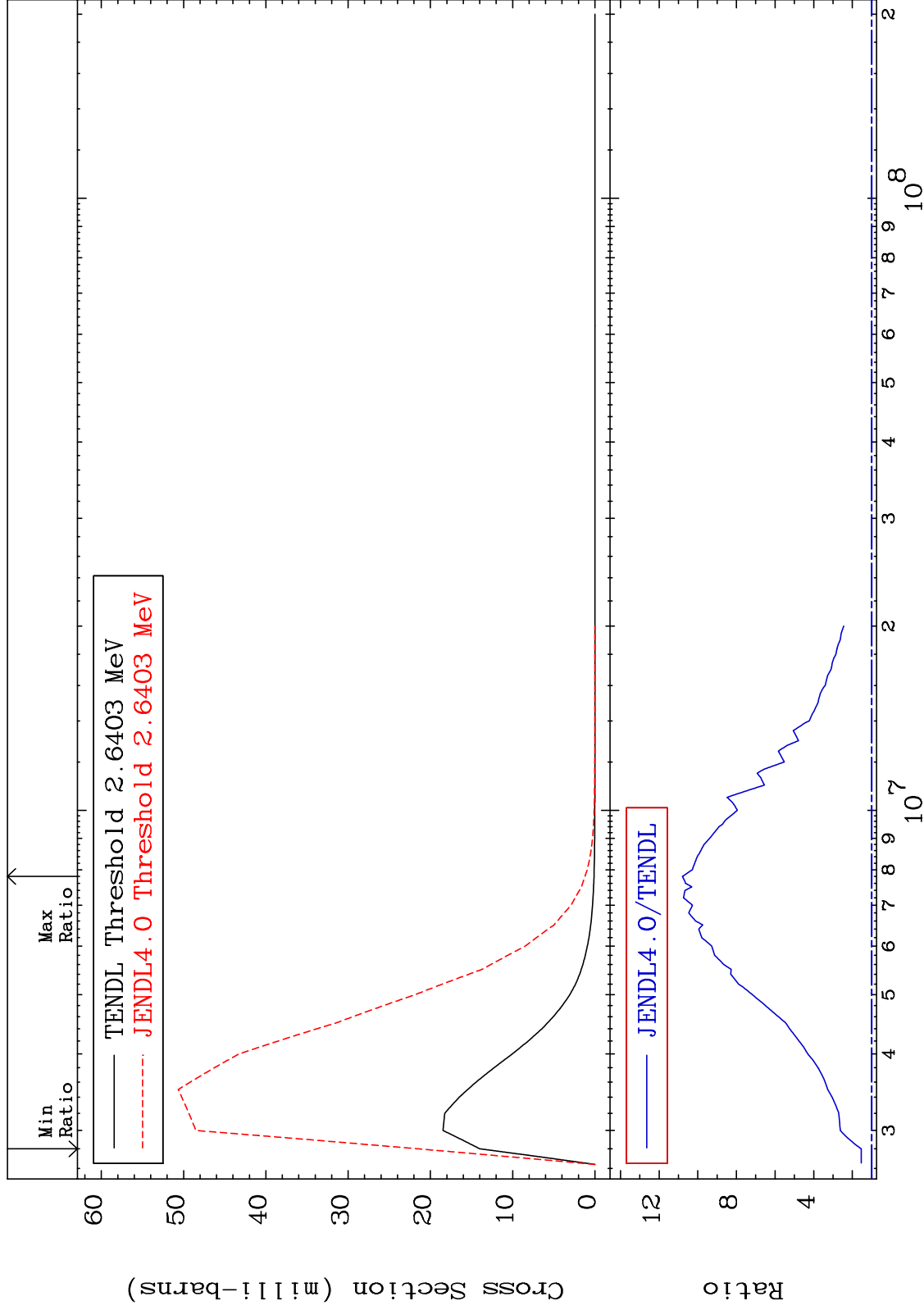
34-Se-76
-100.0 To 276.9 %



MAT 3431

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

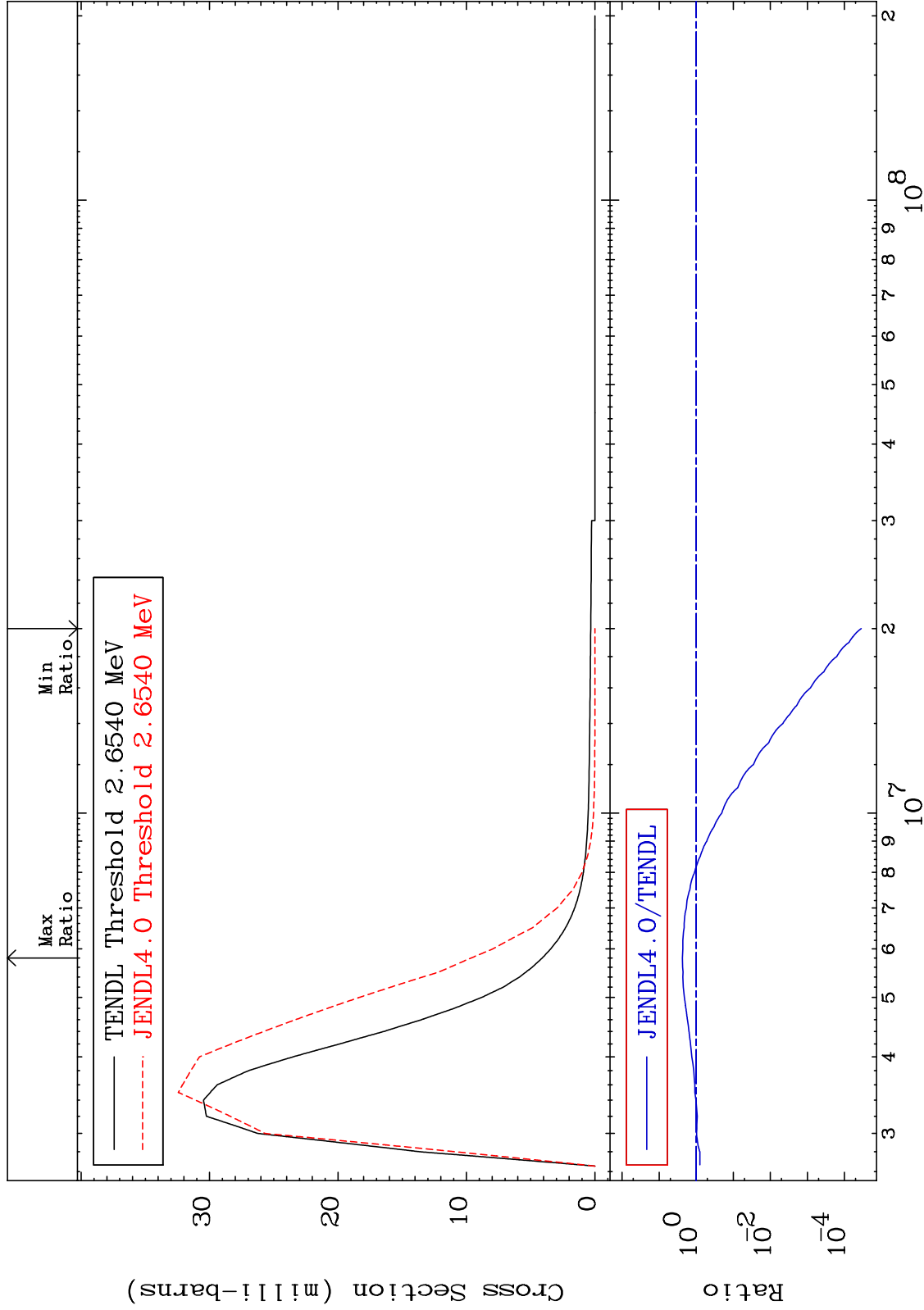
53.83 To 979.2 %
34-Se-76



MAT 3431

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

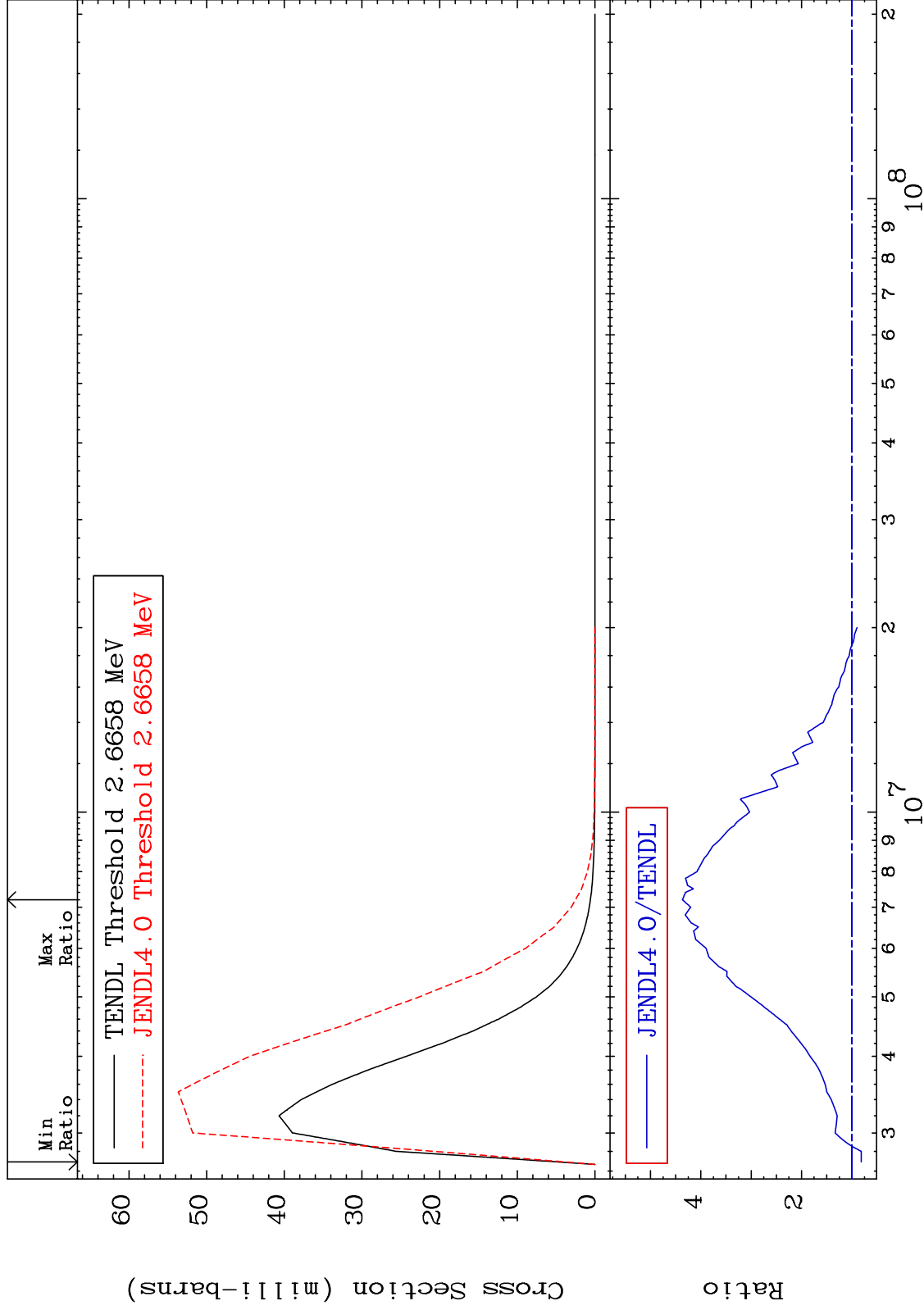
34-Se-76
-100.0 To 135.2 %



MAT 3431

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

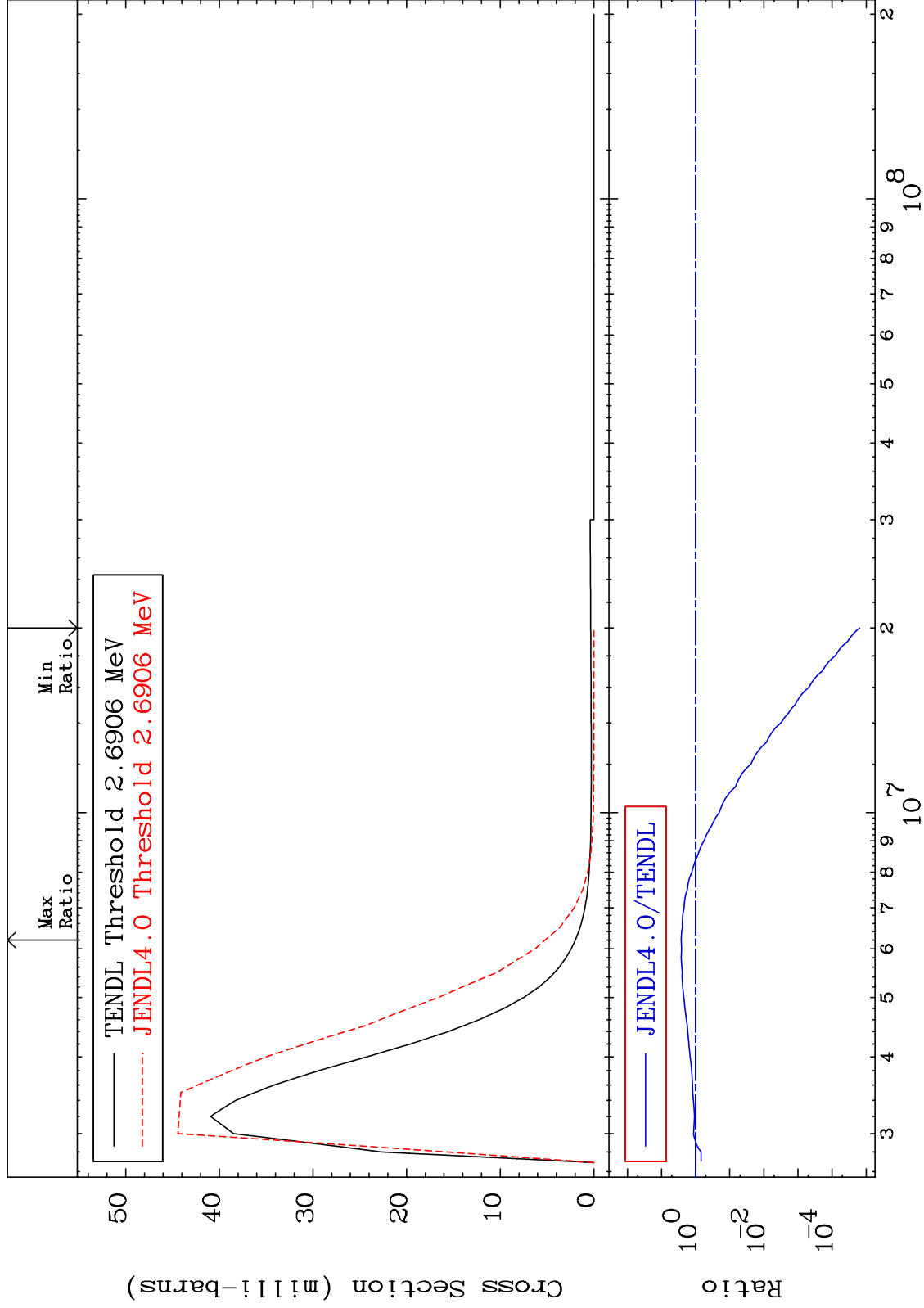
34-Se-76
-18.73 To 336.5 %



MAT 3431

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

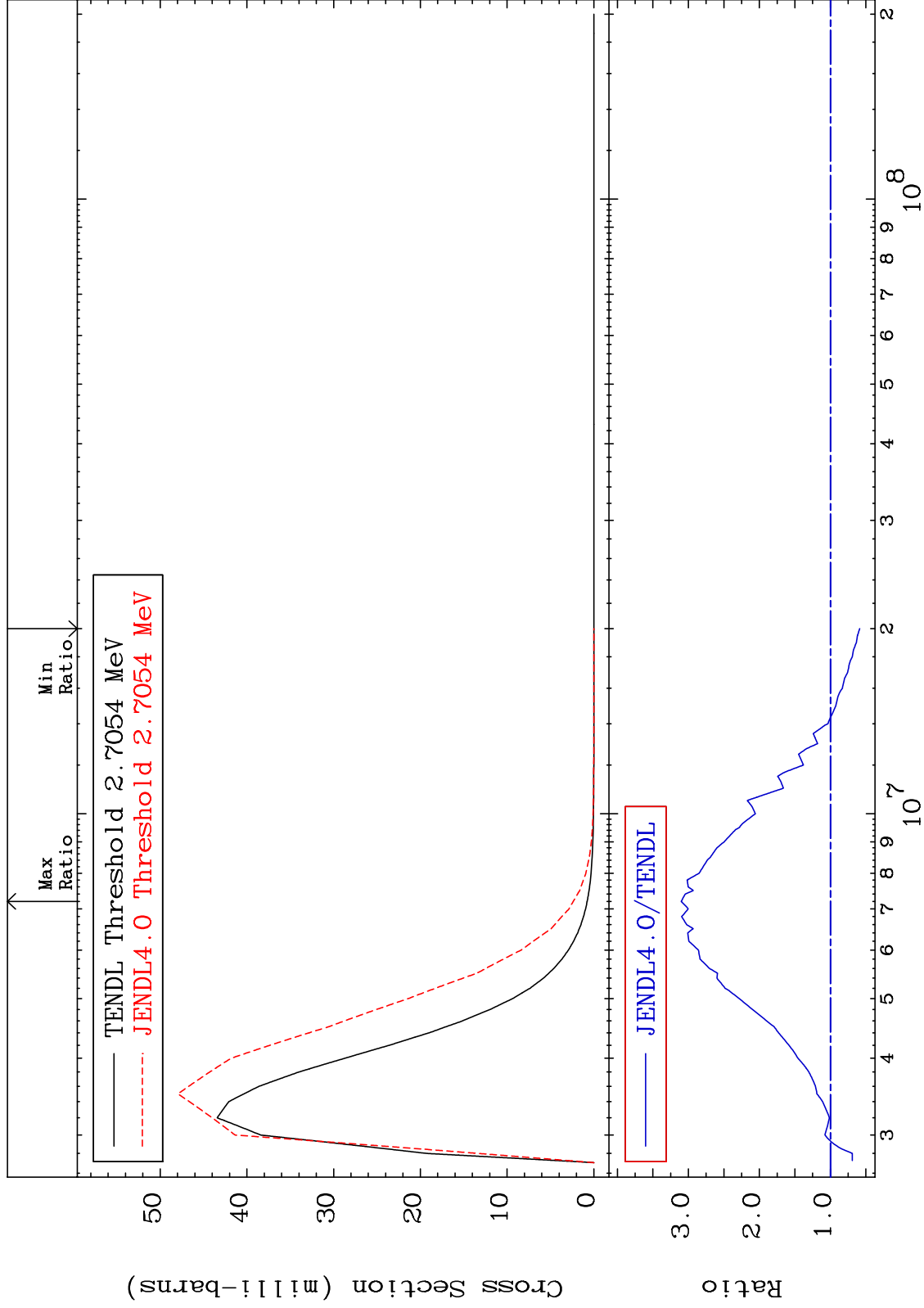
34-Se-76
-100.0 To 164.2 %



MAT 3431

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

34-Se-76
-41.37 To 210.0 %



30

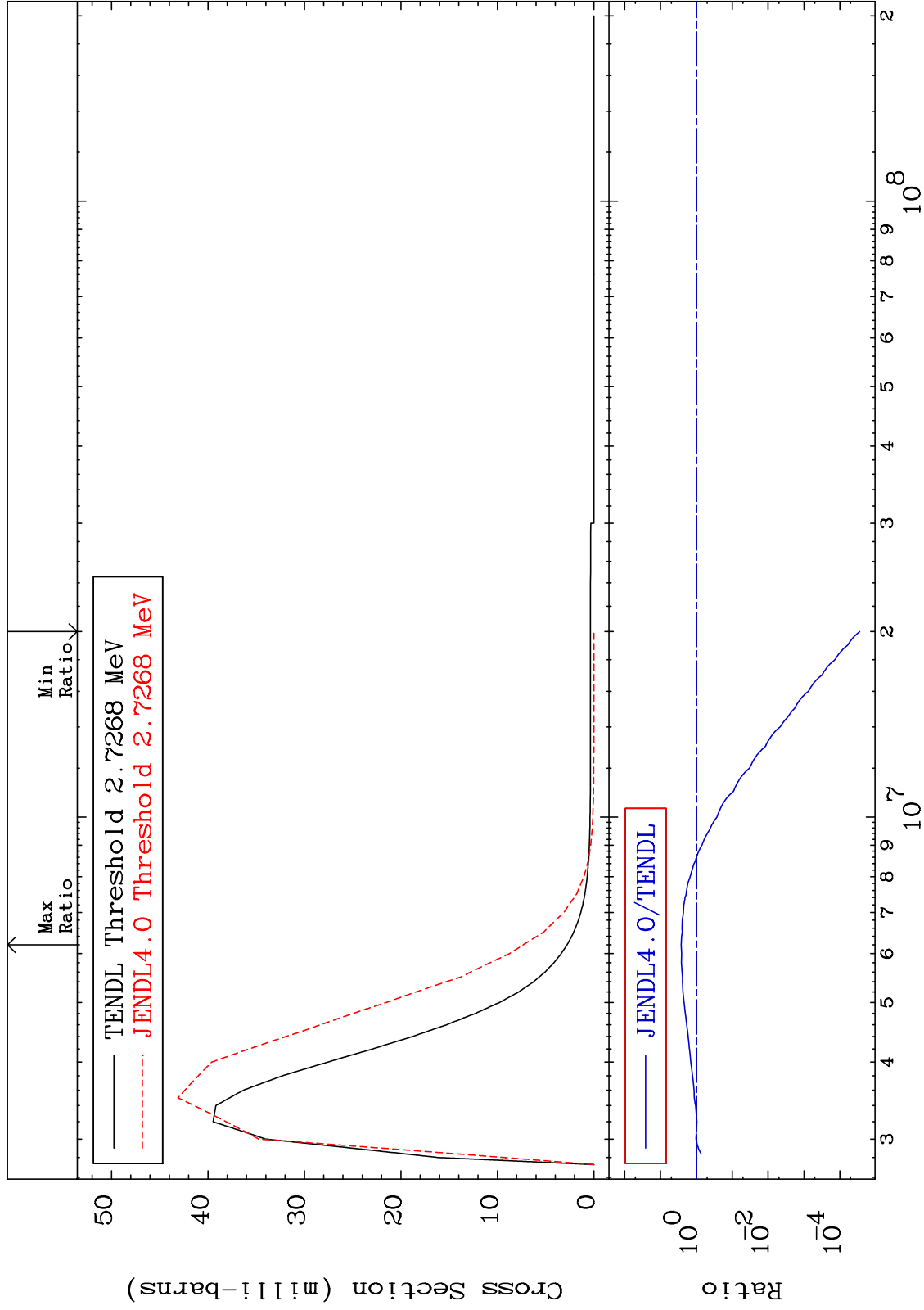
Incident Energy (eV)

34-Se-76

MAT 3431

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

34-Se-76
-100.0 To 163.9 %

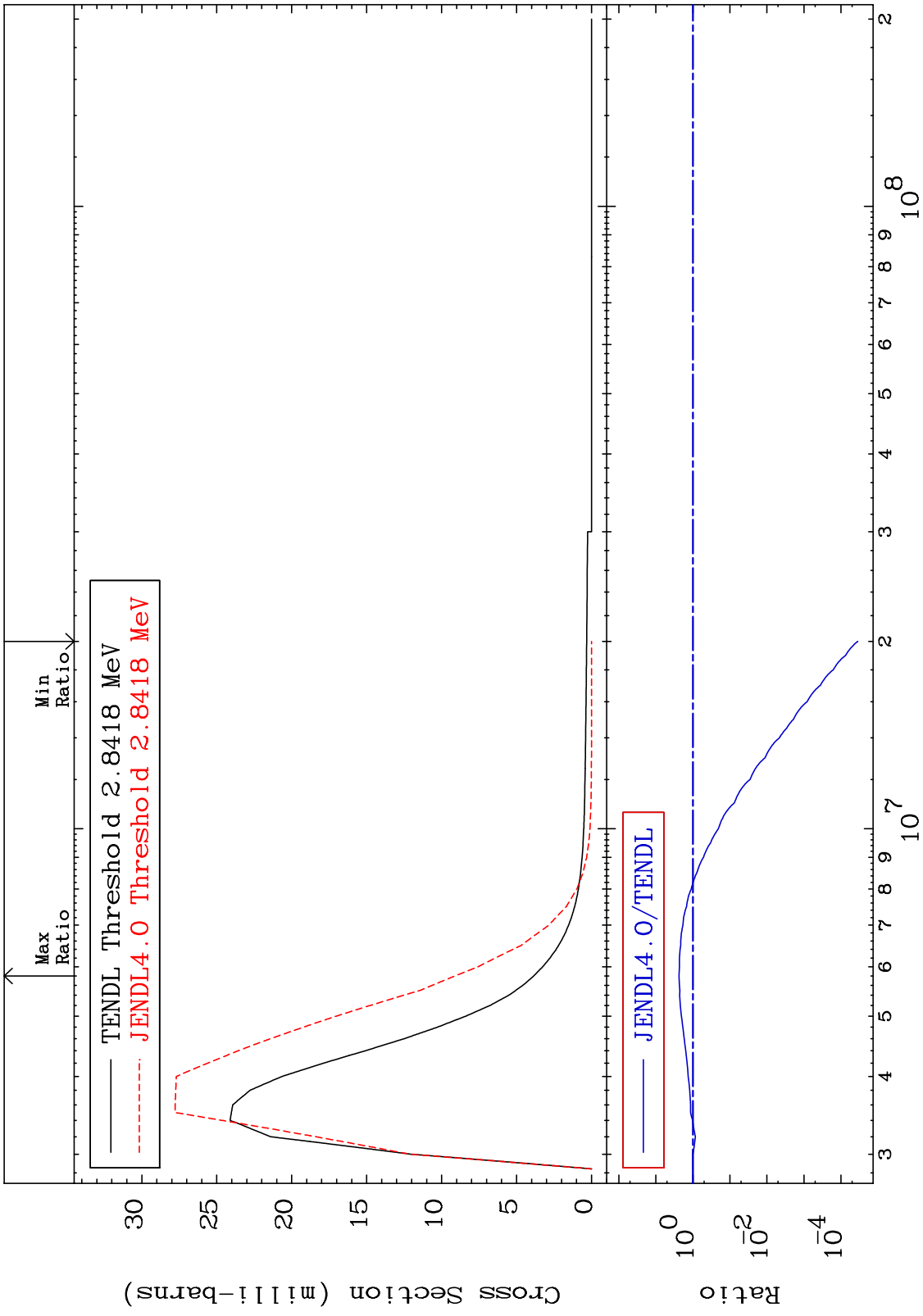


31

Incident Energy (eV)

34-Se-76

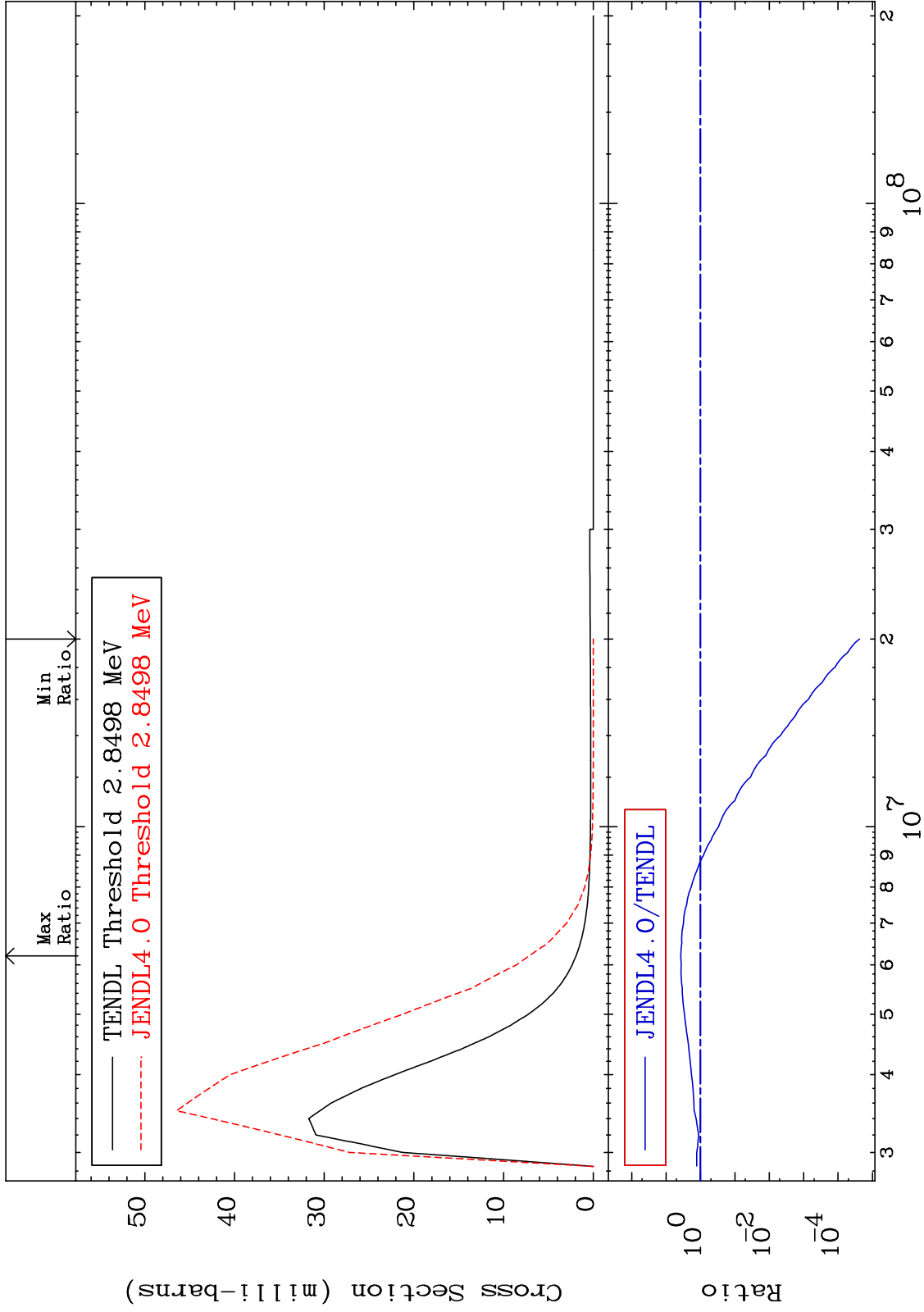
MAT 3431 MT= 75 (n,n') Level Cross Section 34-Se-76
 -100.0 To 136.4 %



MAT 3431

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

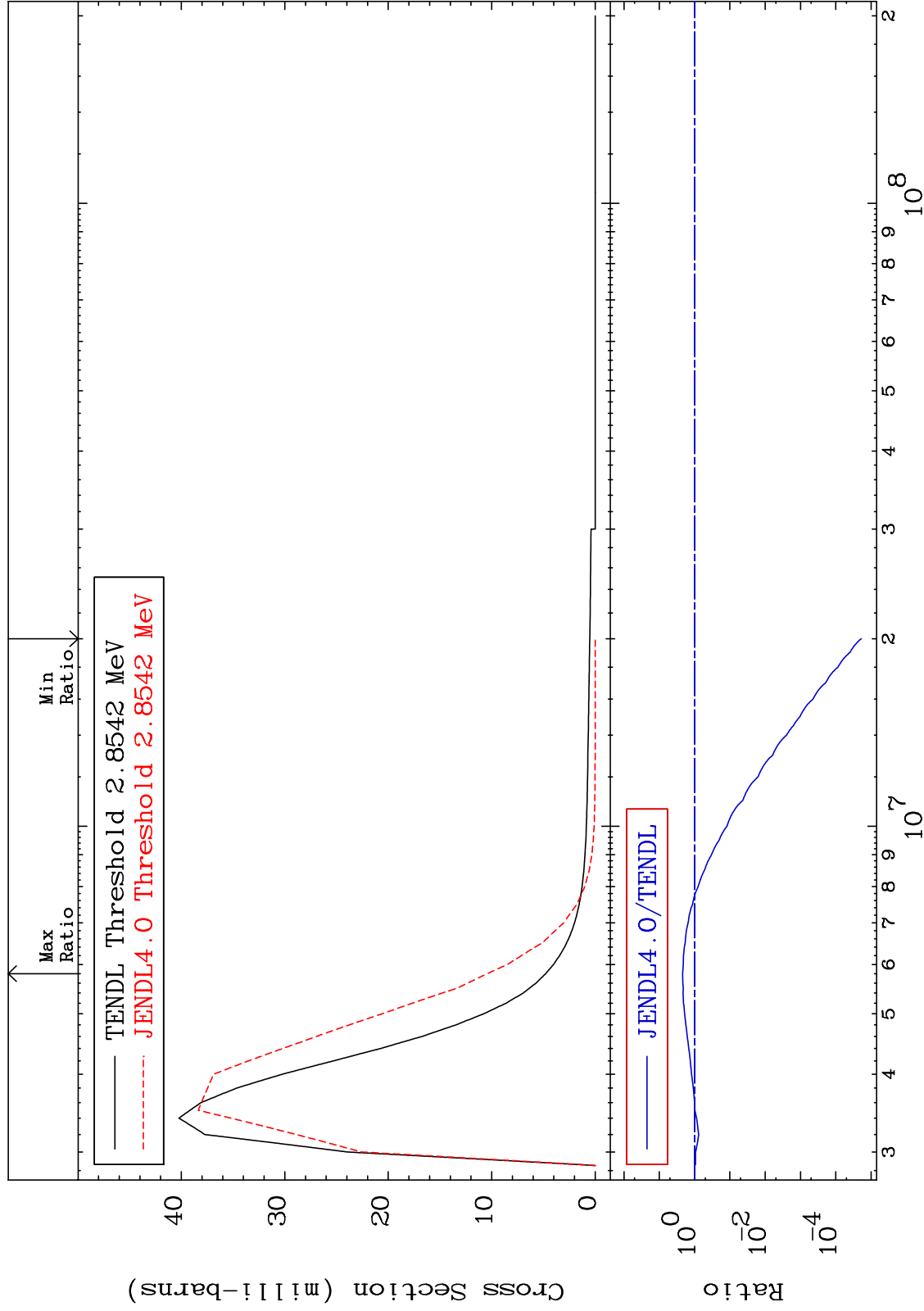
34-Se-76
-100.0 To 273.2 %



MAT 3431

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

34-Se-76
-100.0 To 117.7 %

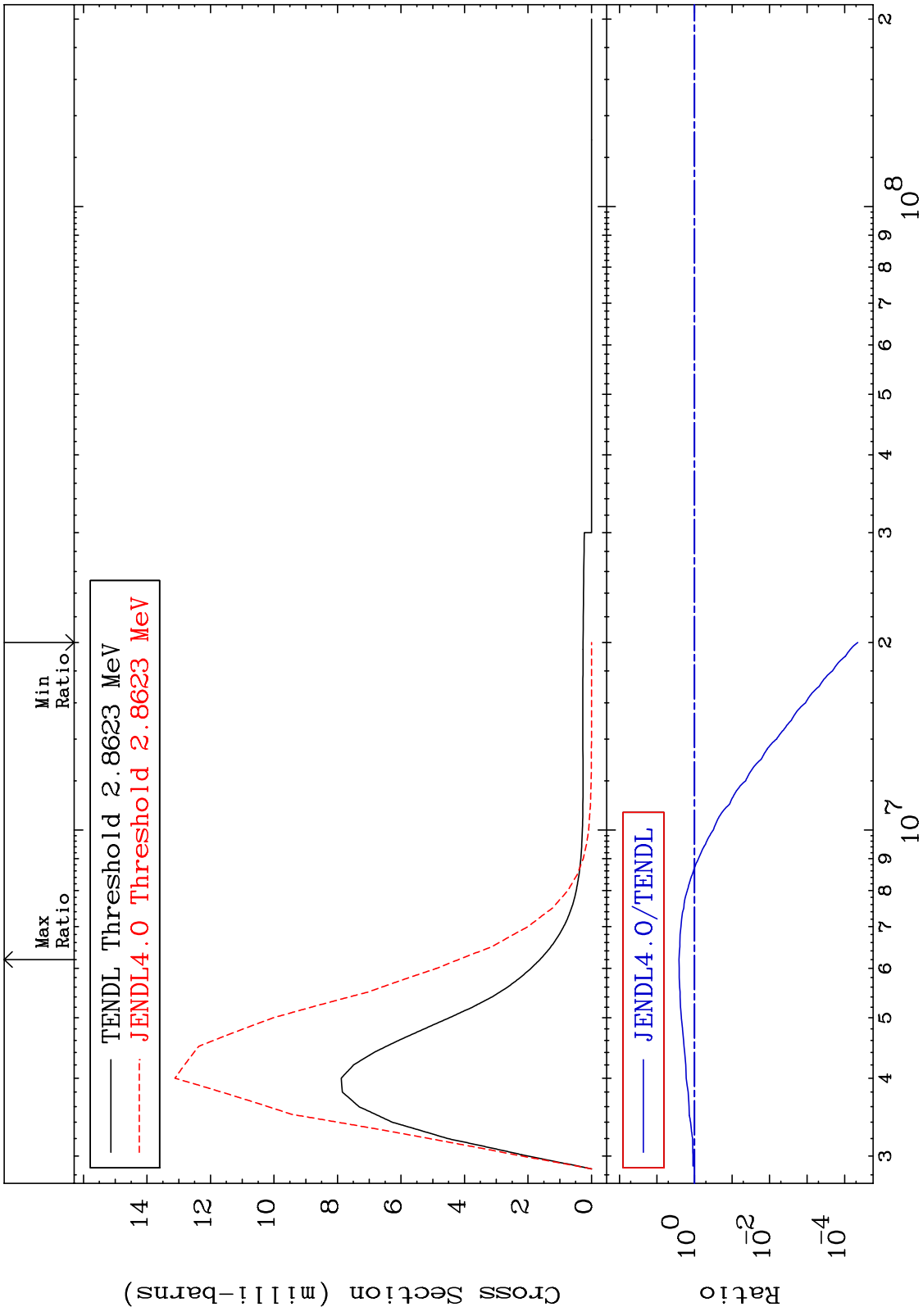


34

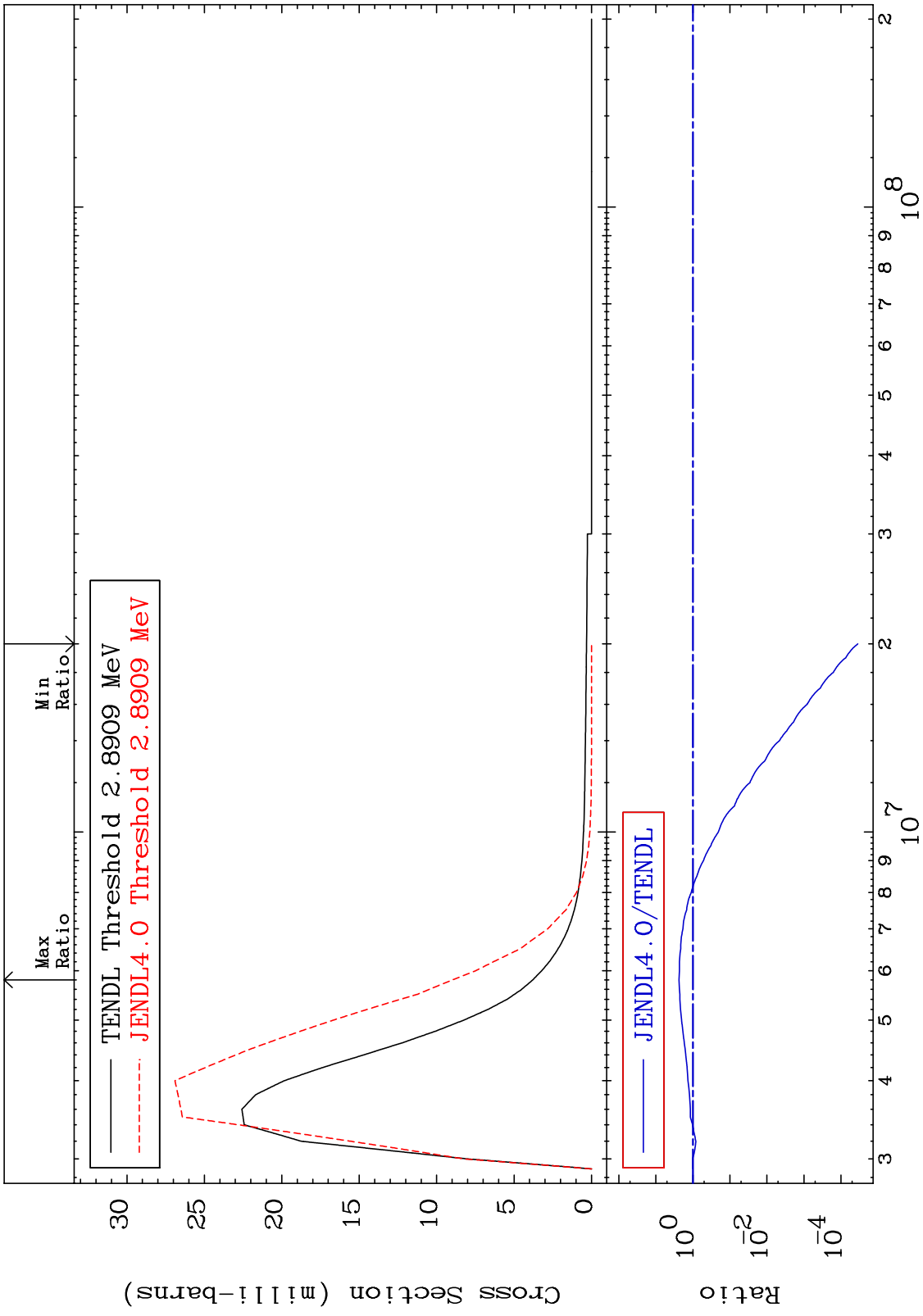
Incident Energy (eV)

34-Se-76

MAT 3431 MT= 78 (n,n') Level Cross Section 34-Se-76
 -100.0 To 158.1 %



MAT 3431 MT= 79 (n,n') Level Cross Section 34-Se-76
 -100.0 To 136.7 %

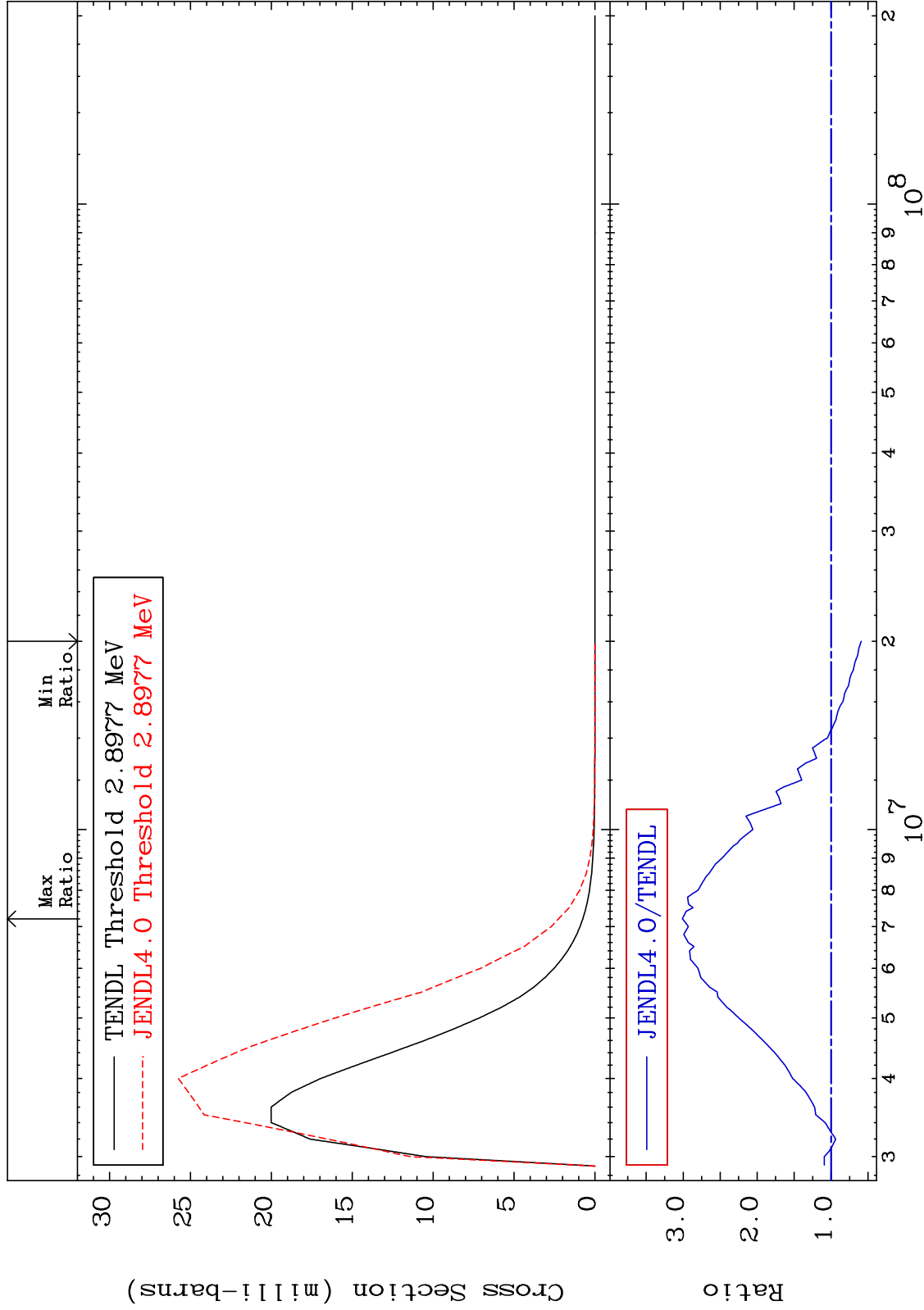


36 34-Se-76 Incident Energy (eV)

MAT 3431

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

34-Se-76
-40.79 To 201.0 %



37

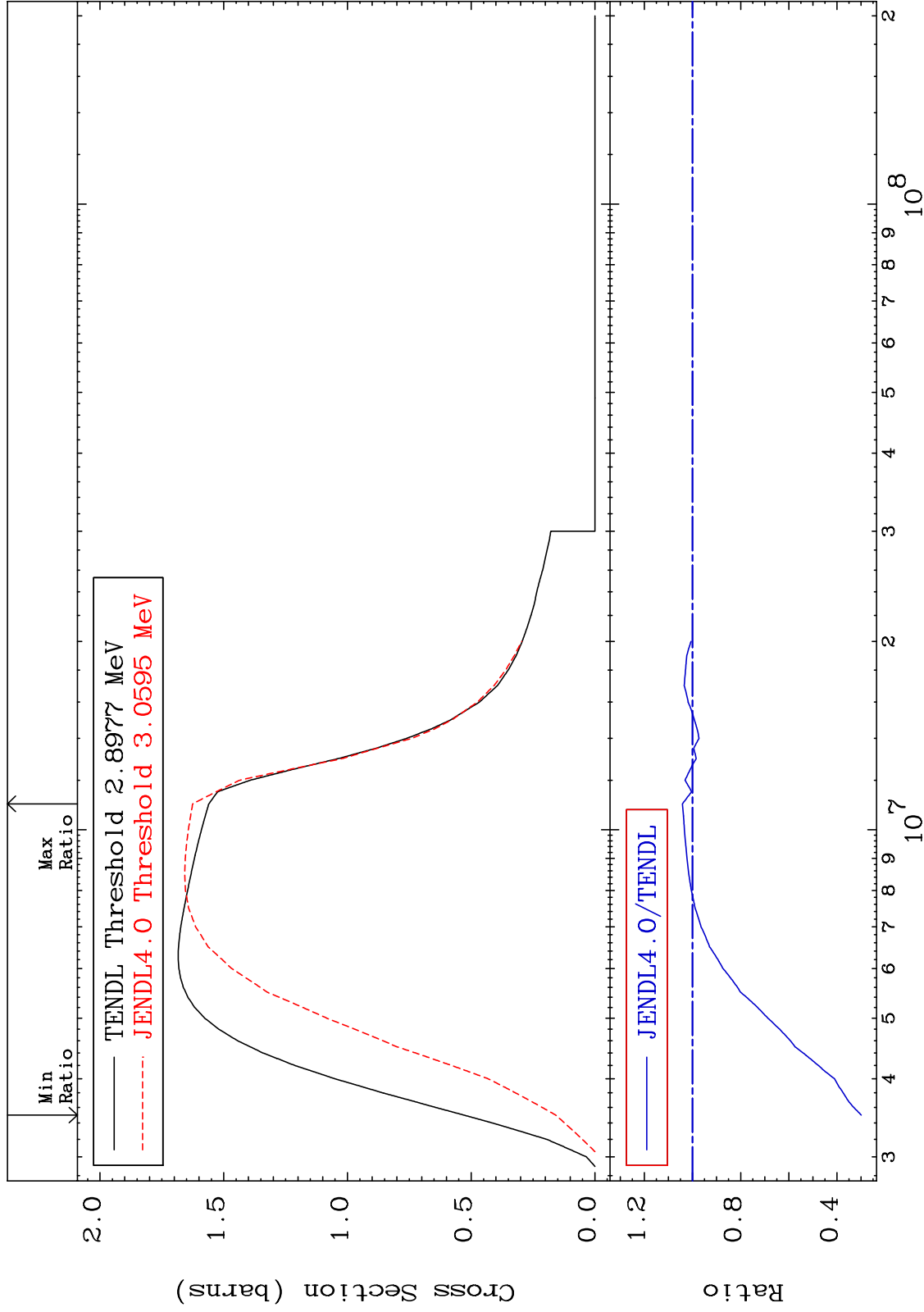
Incident Energy (eV)

34-Se-76

MAT 3431

(n, n') Continuum
Cross Section

³⁴Se-76
-70.07 To 4.164 %



38

Incident Energy (eV)

³⁴Se-76

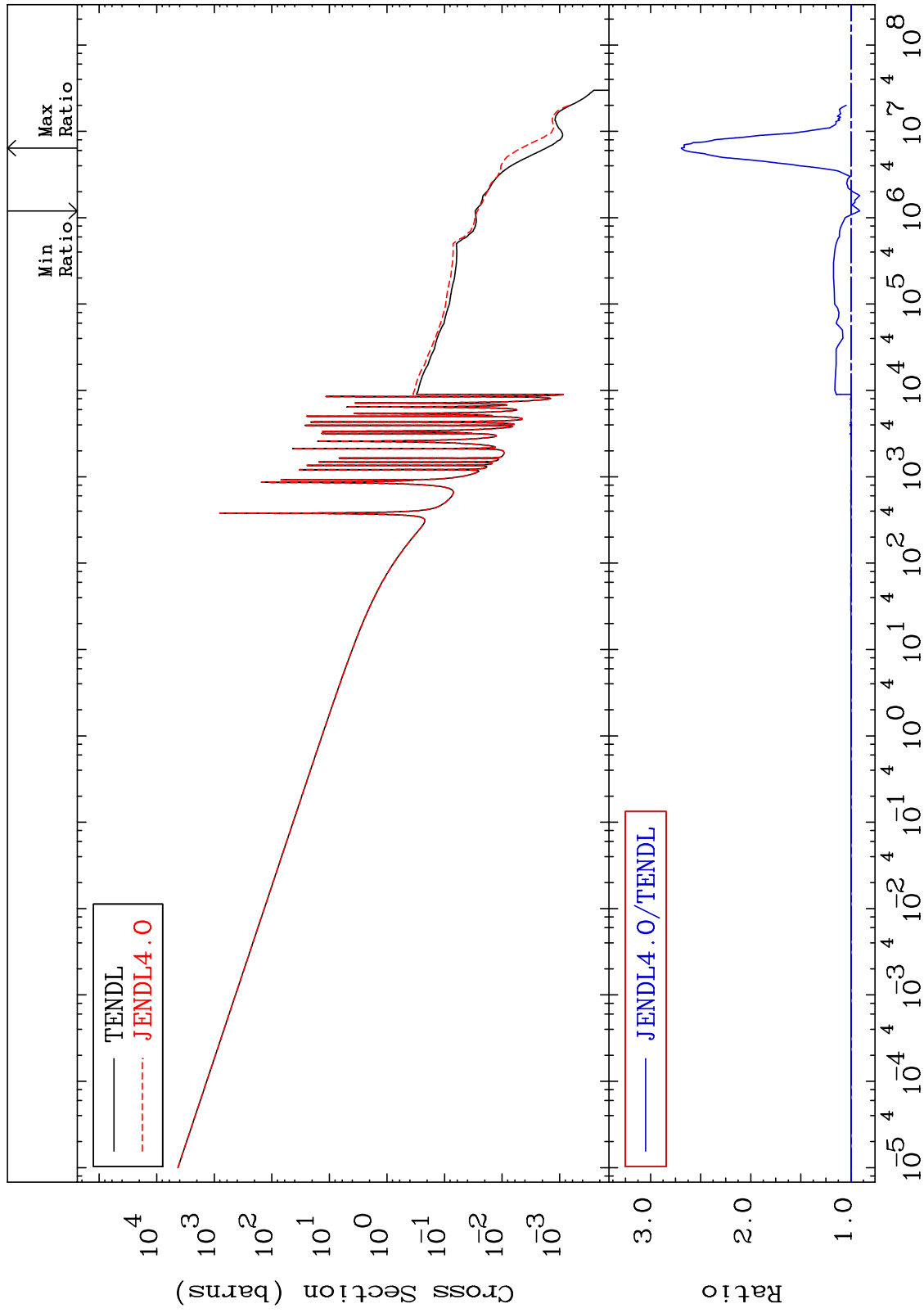
MAT 3431

(n, γ)

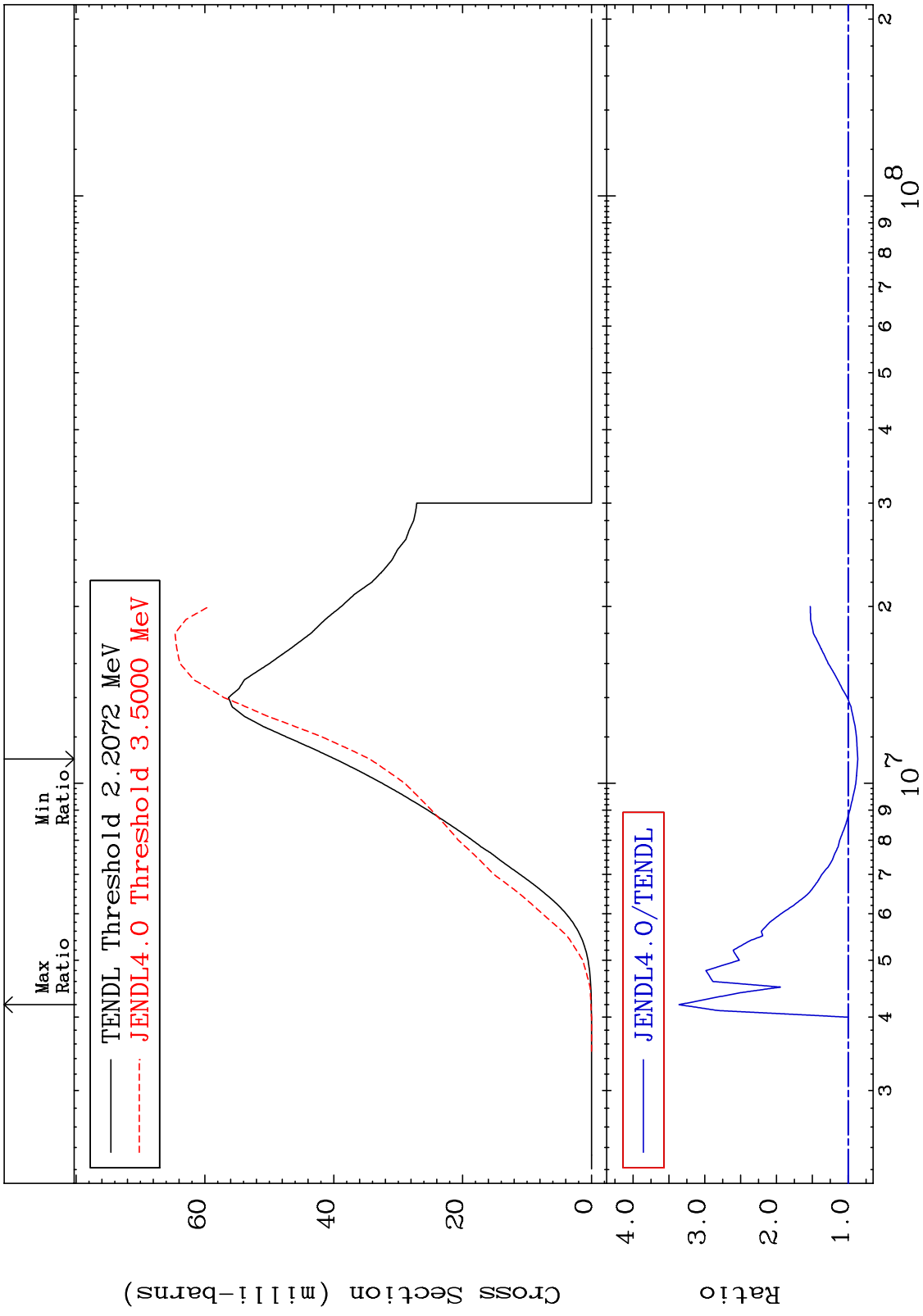
³⁴Se-76

Cross Section

-8.843 To 169.3 %

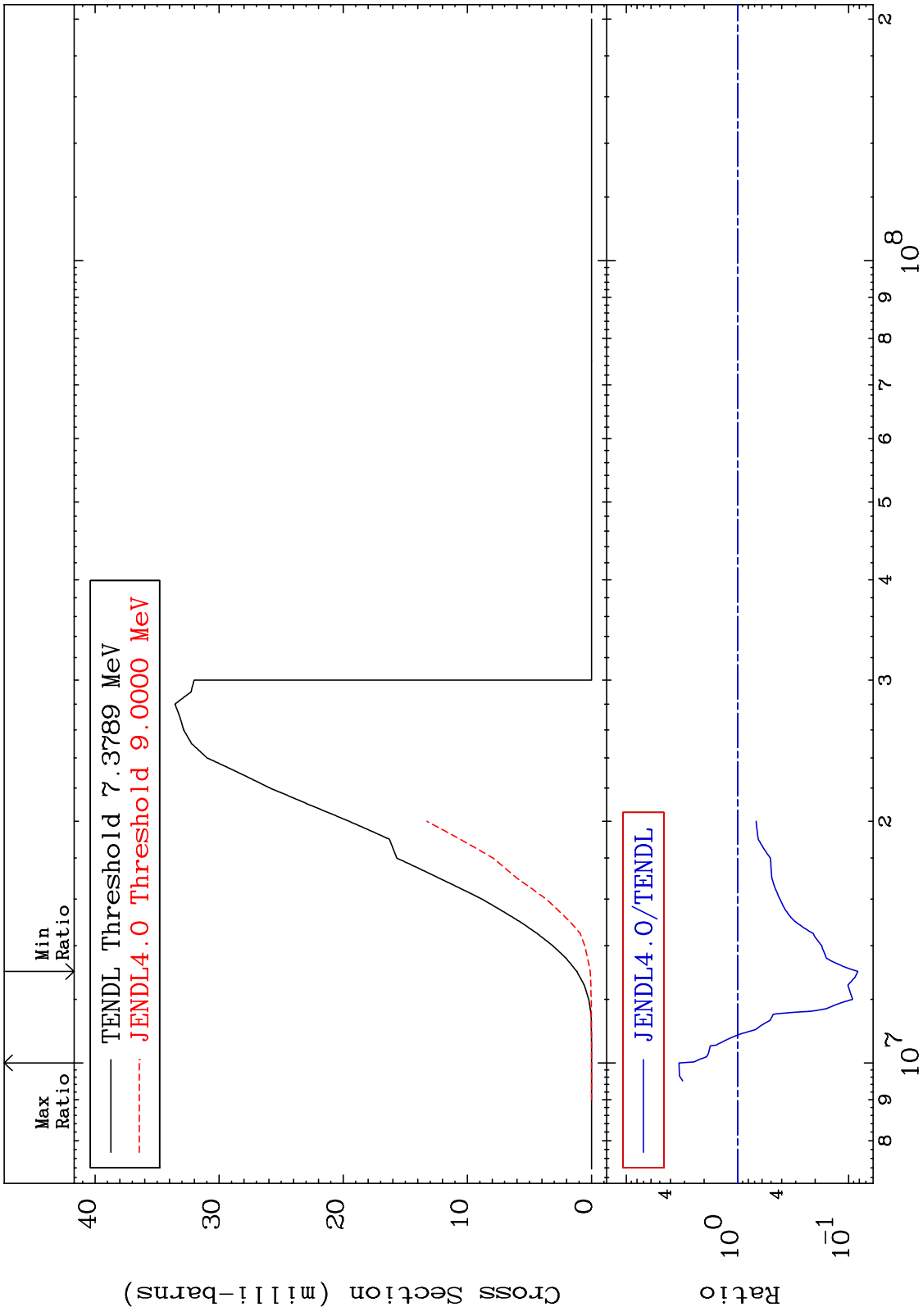


MAT 3431 (n,p) Cross Section ³⁴Se-76 -13.51 To 235.8 %

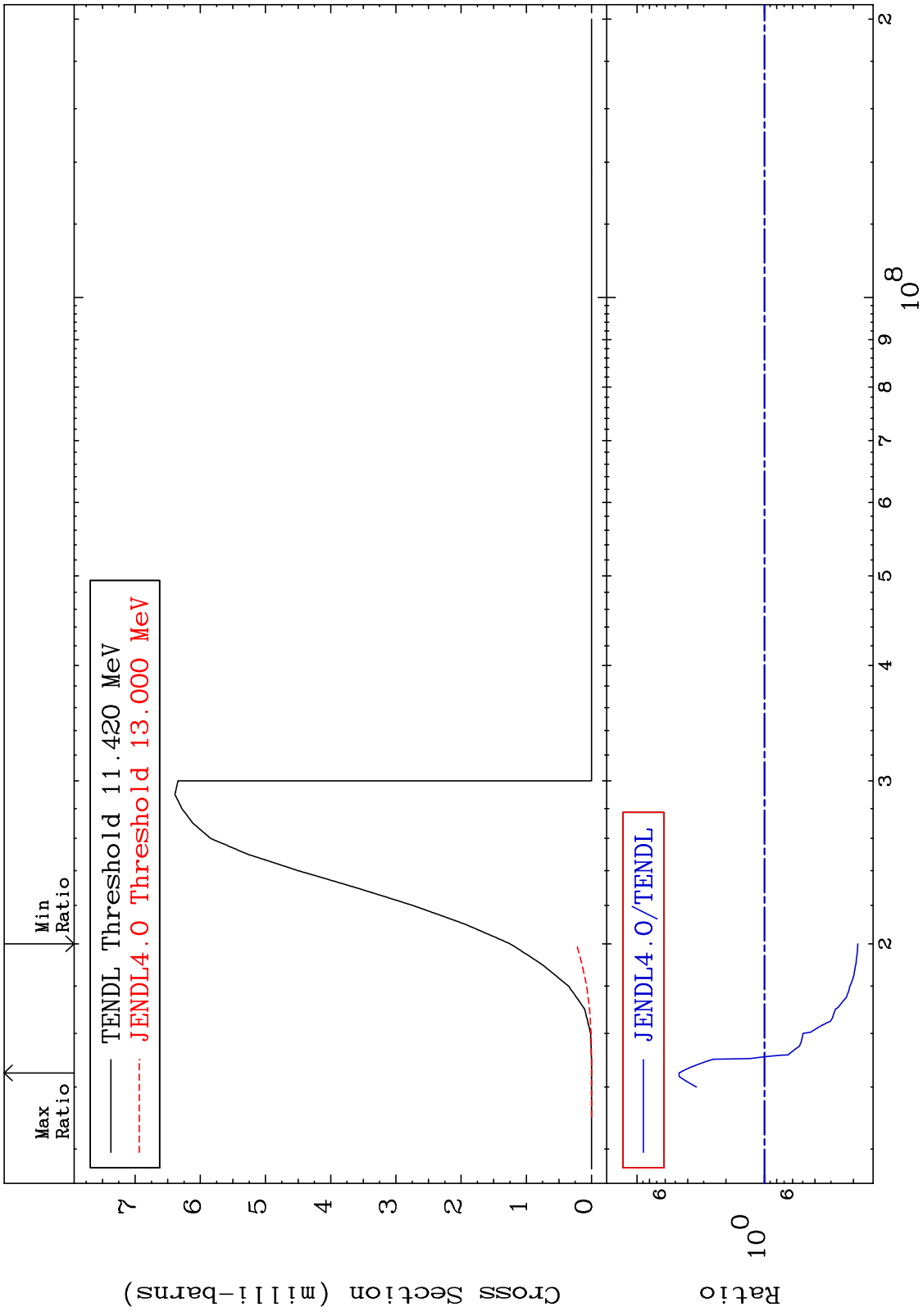


40 ³⁴Se-76

MAT 3431 (n,d) Cross Section ³⁴Se-76 -91.73 To 235.5 %



MAT 3431 (n,t) Cross Section 34-Se-76
 -81.56 To 367.8 %



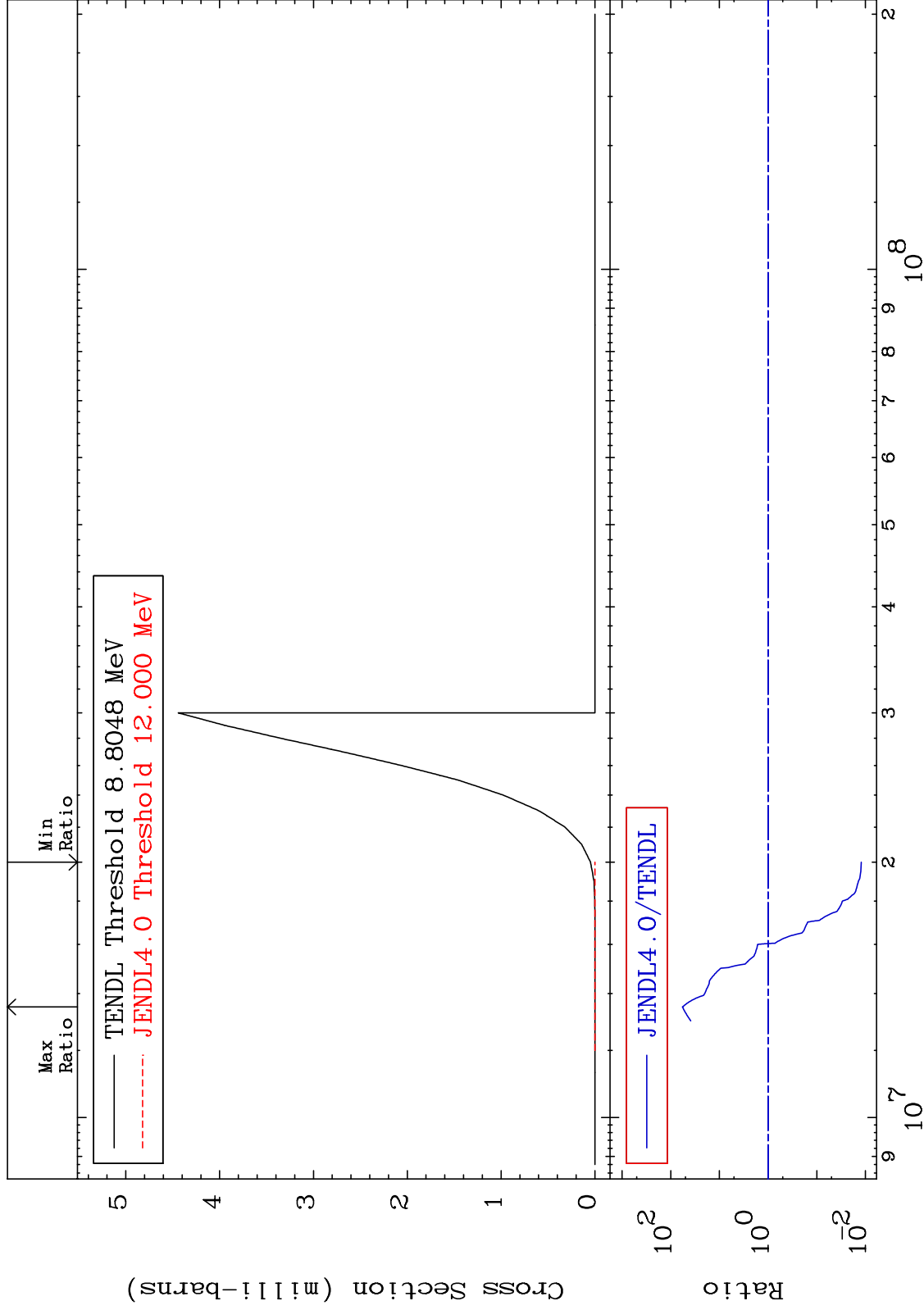
MAT 3431

(n, He-3)

34-Se-76

Cross Section

-98.78 To 5634. %



43

Incident Energy (eV)

34-Se-76

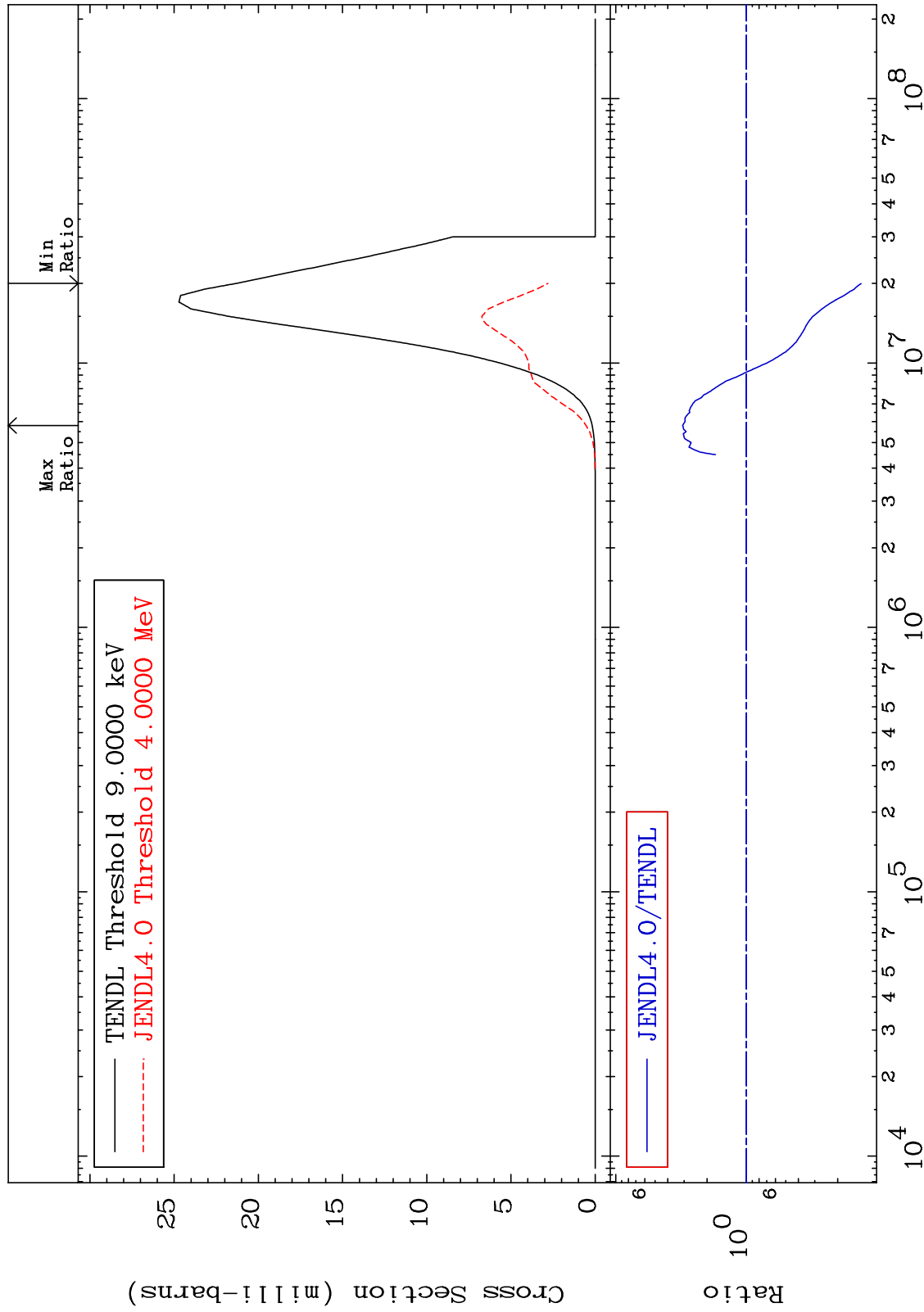
MAT 3431

(n, α)

³⁴Se-76

Cross Section

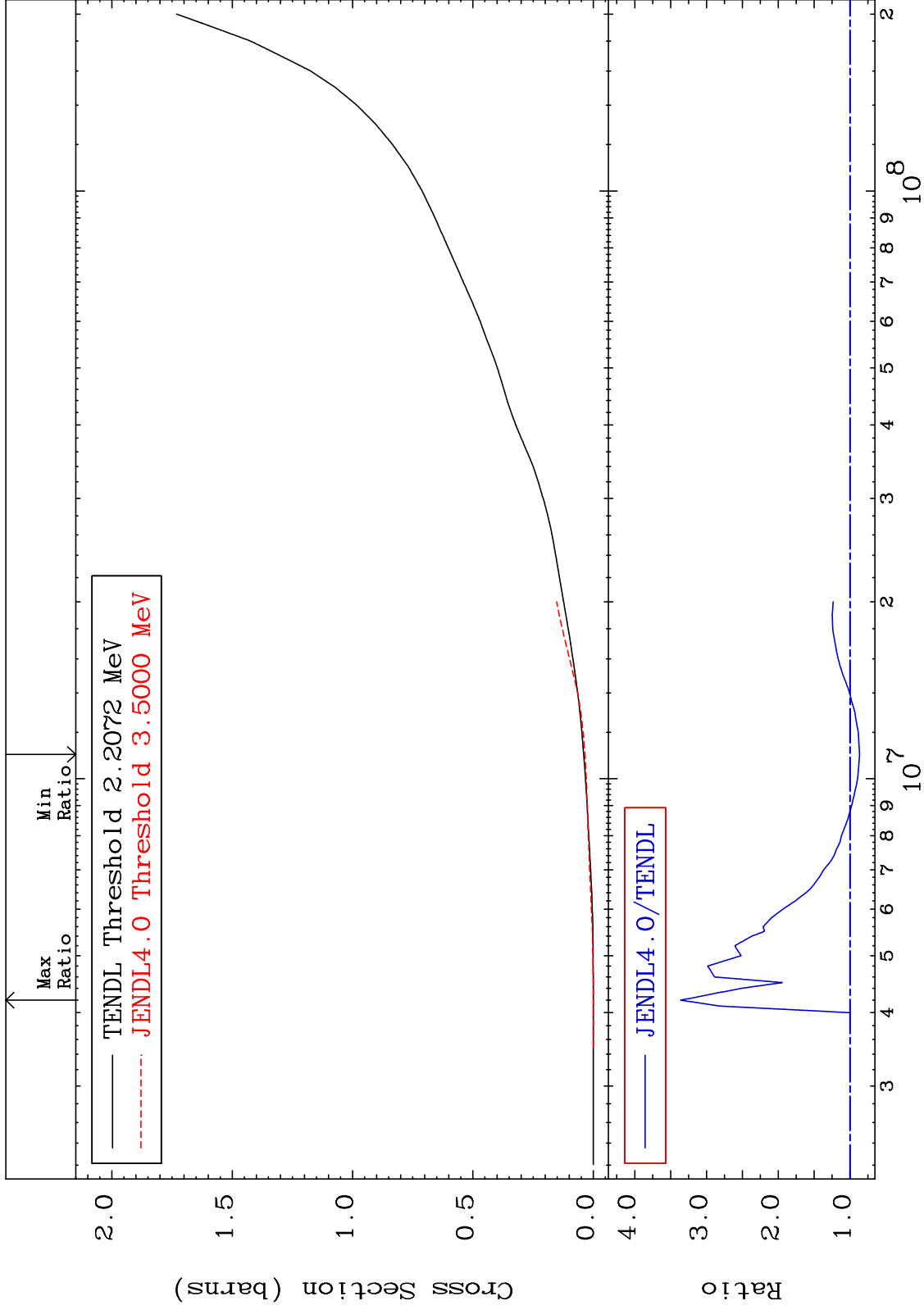
-86.81 To 207.4 %



MAT 3431

Hydrogen Production
Cross Section

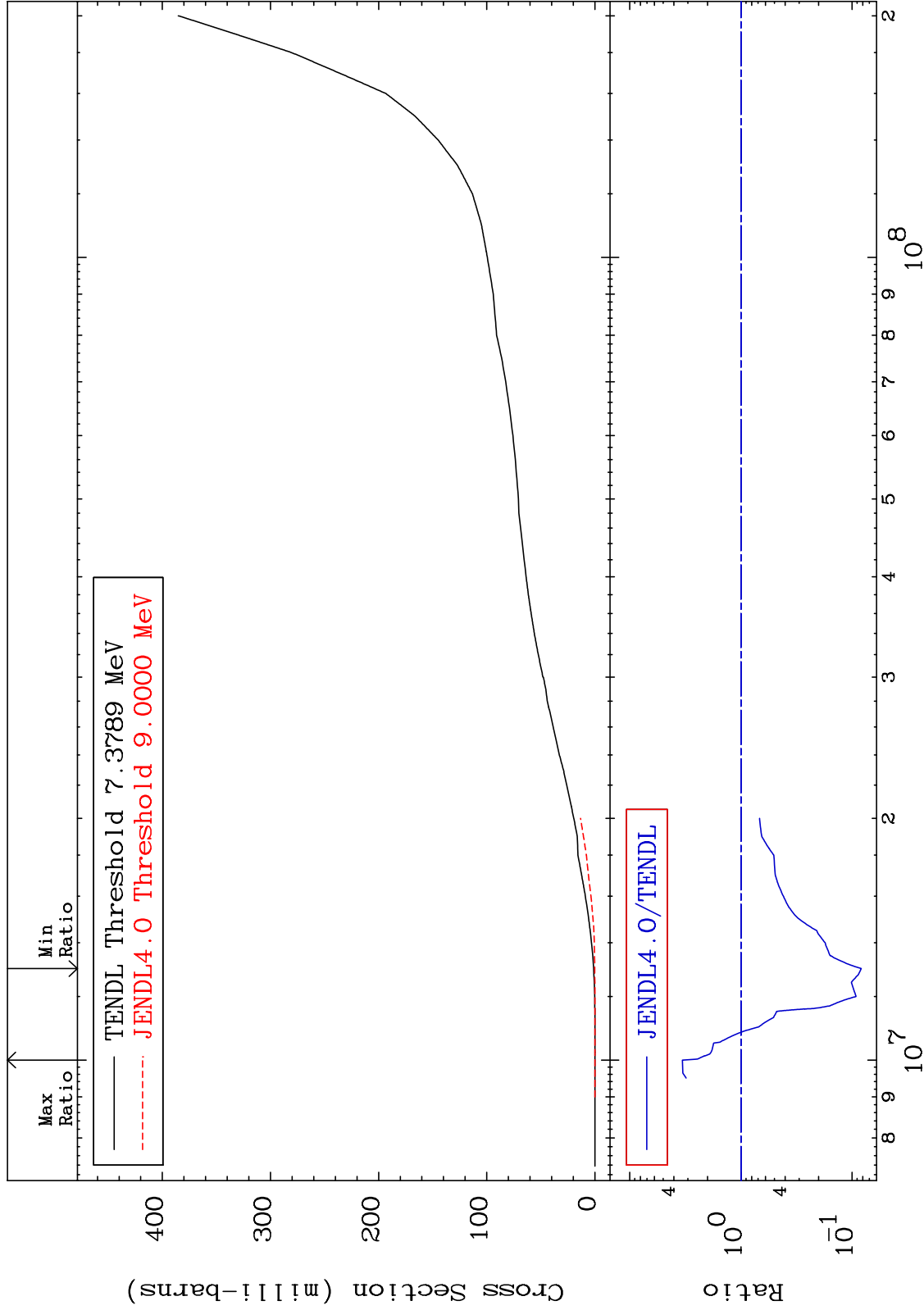
³⁴Se-76
-13.51 To 235.8 %



MAT 3431

Deuterium Production
Cross Section

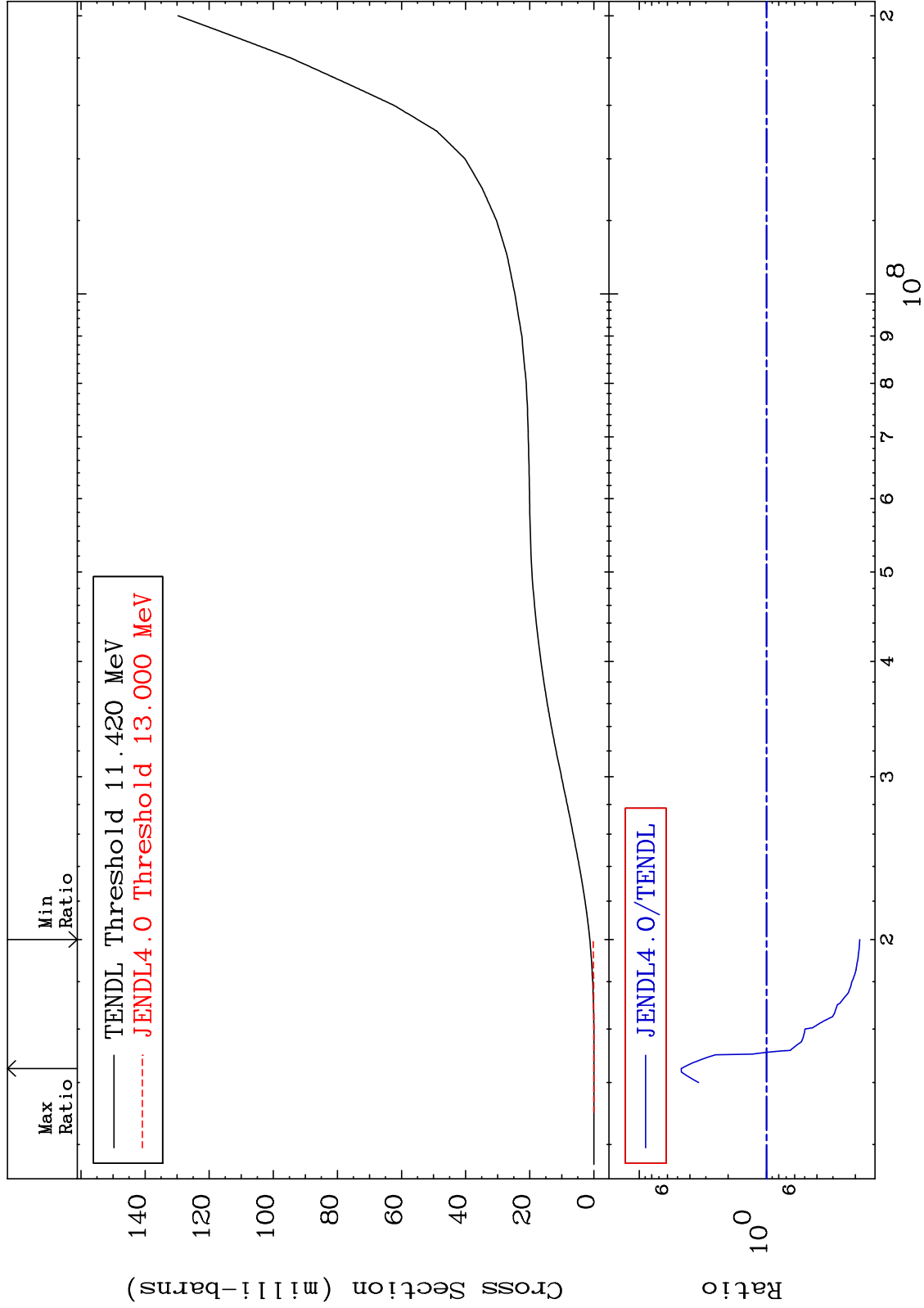
³⁴Se-76
-91.73 To 235.5 %



MAT 3431

Tritium Production
Cross Section

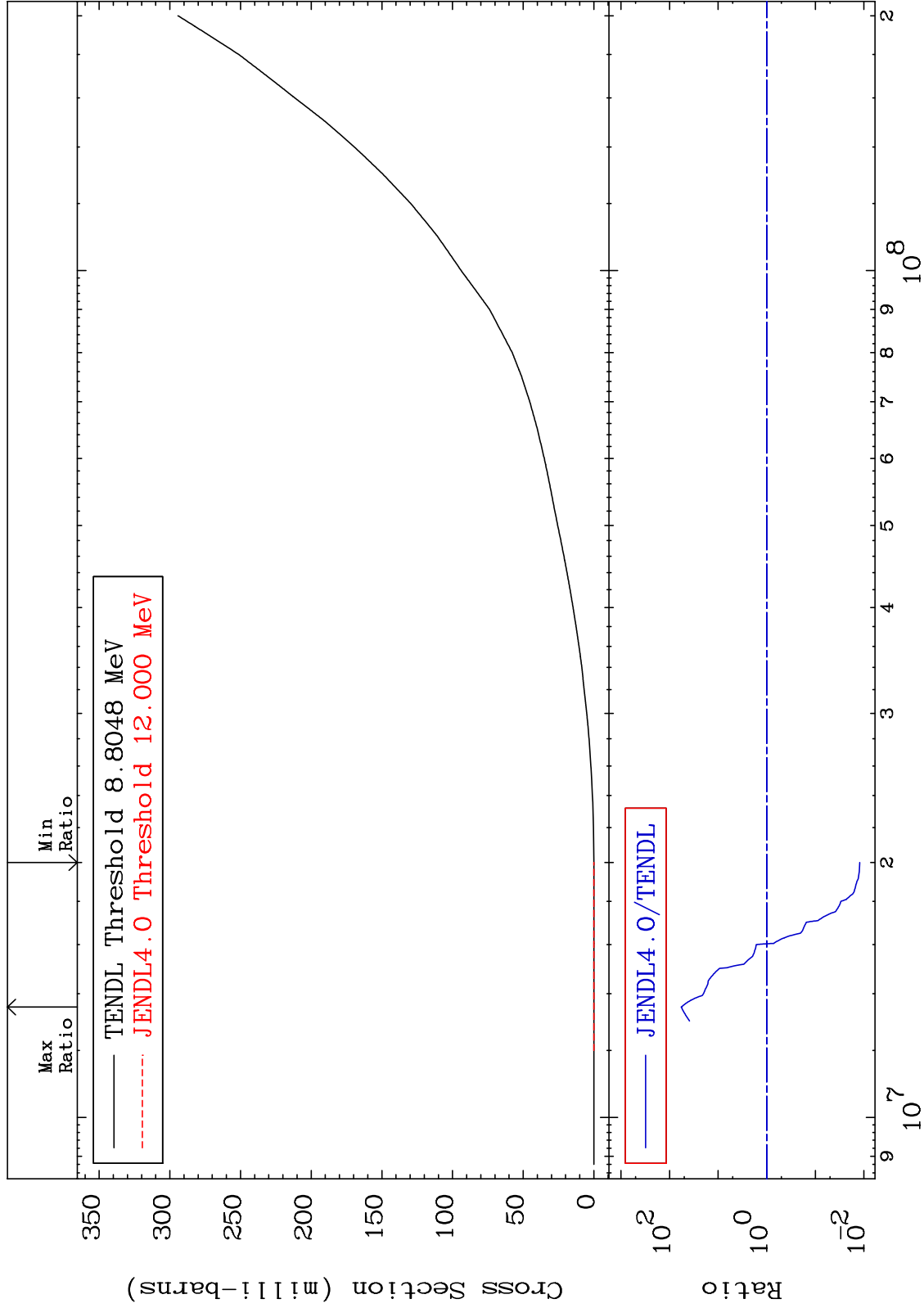
³⁴Se-76
-81.56 To 367.8 %



MAT 3431

He-3 Production
Cross Section

34-Se-76
-98.78 To 5634. %



48

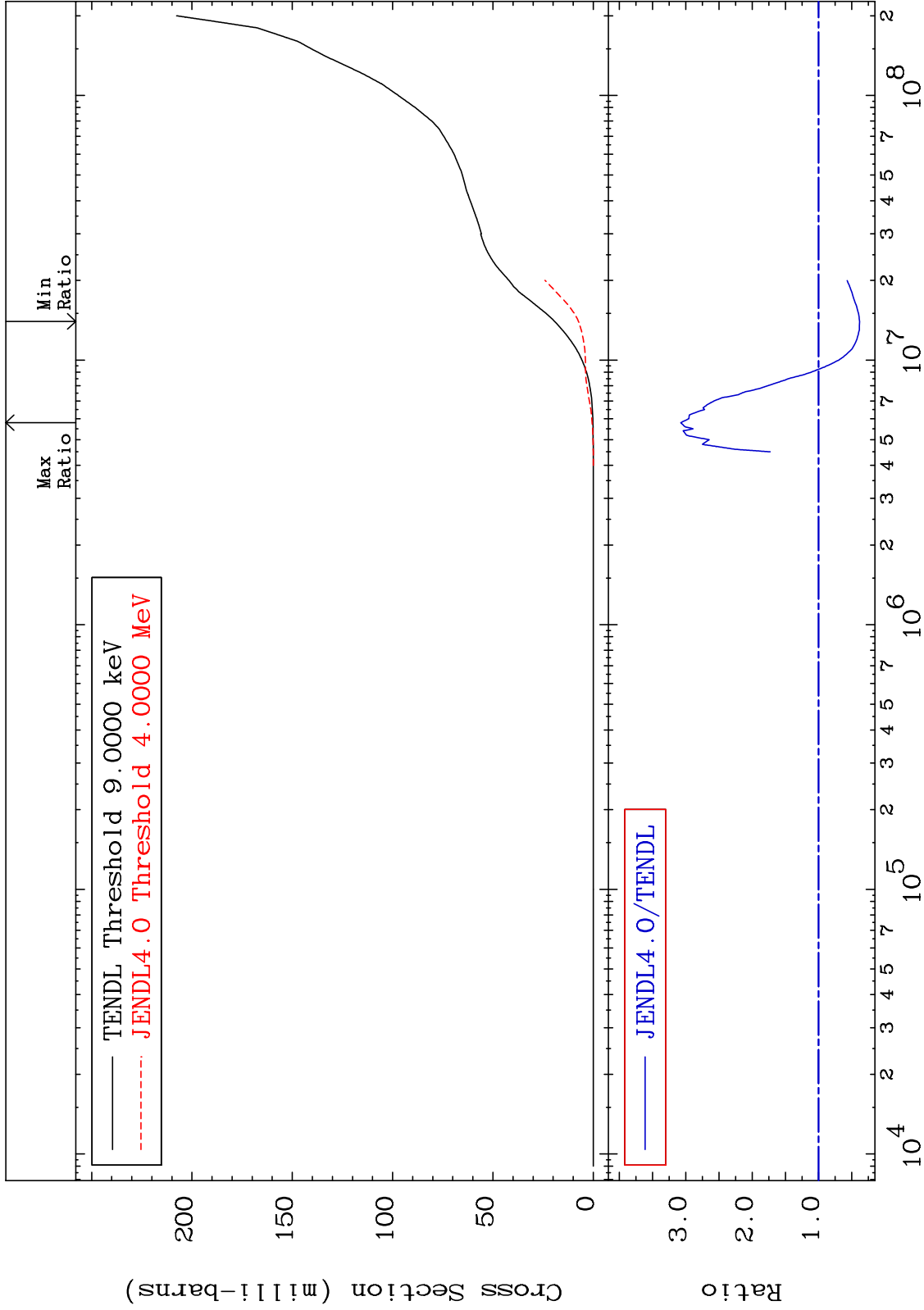
Incident Energy (eV)

34-Se-76

MAT 3431

He-4 Production
Cross Section

34-Se-76
-61.77 To 207.4 %

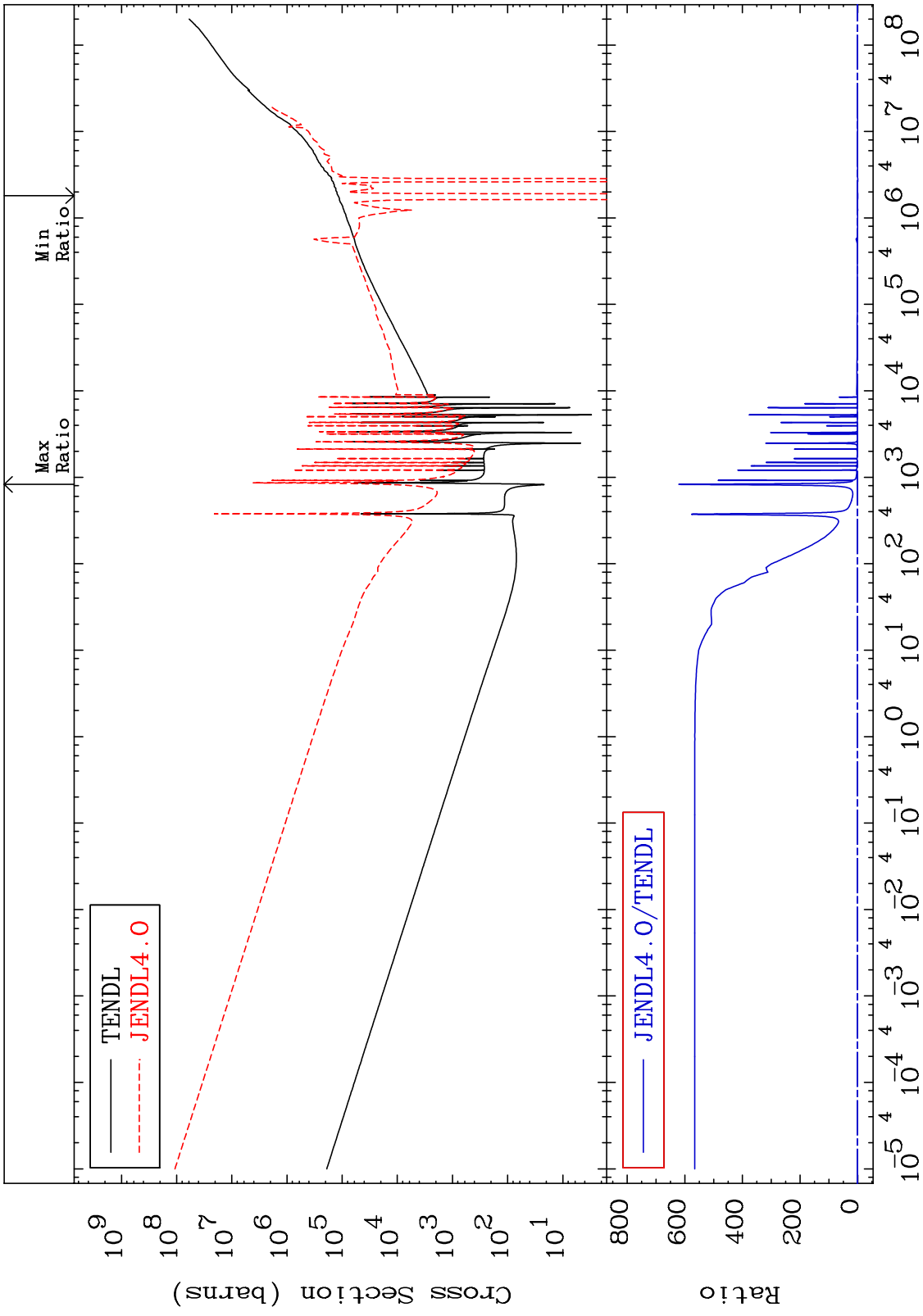


49

Incident Energy (eV)

34-Se-76

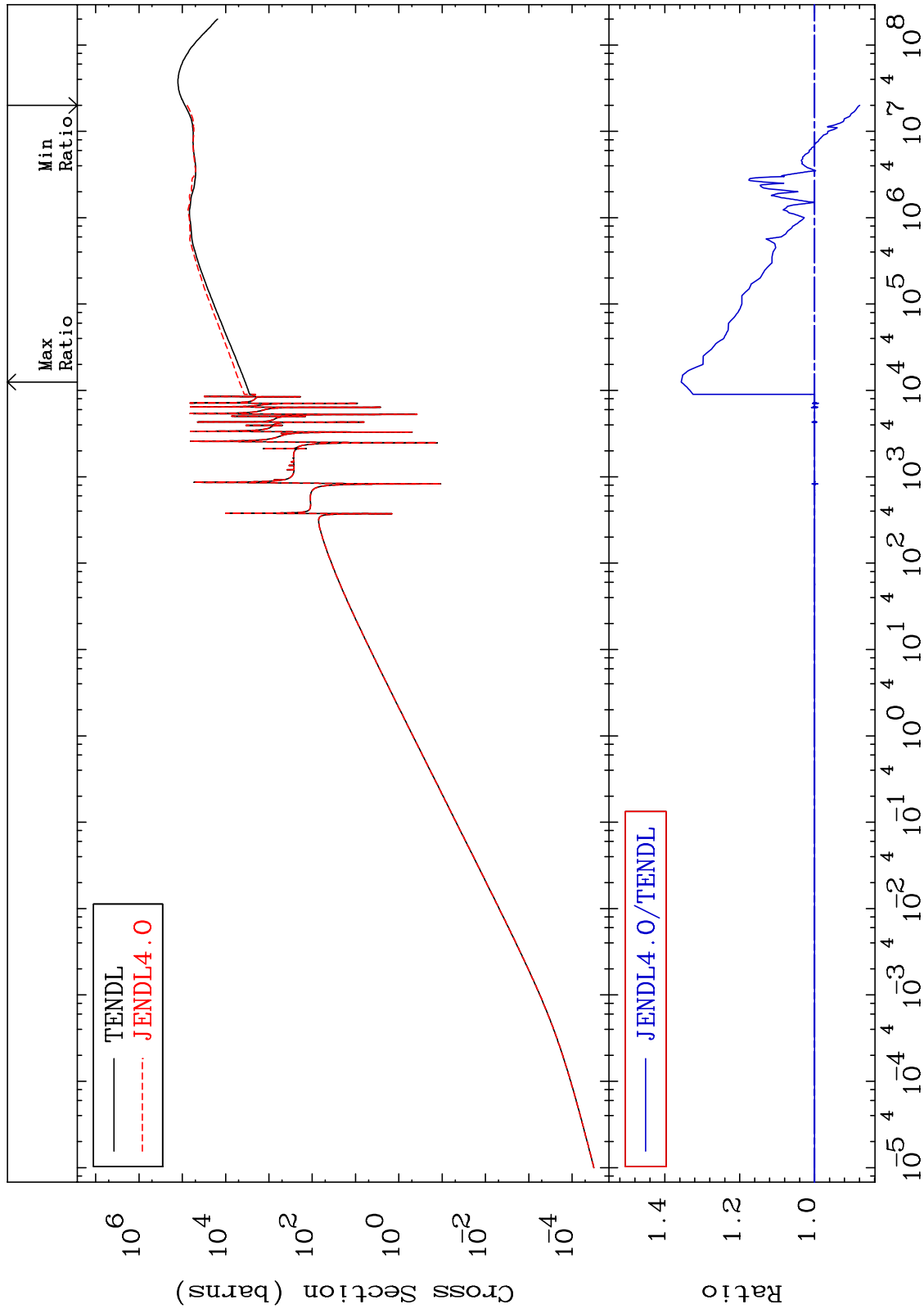
MAT 3431 Kerma total (eV-barns) Cross Section 34-Se-76 -147.8 To 9999. %



MAT 3431

Kerma elastic
Cross Section

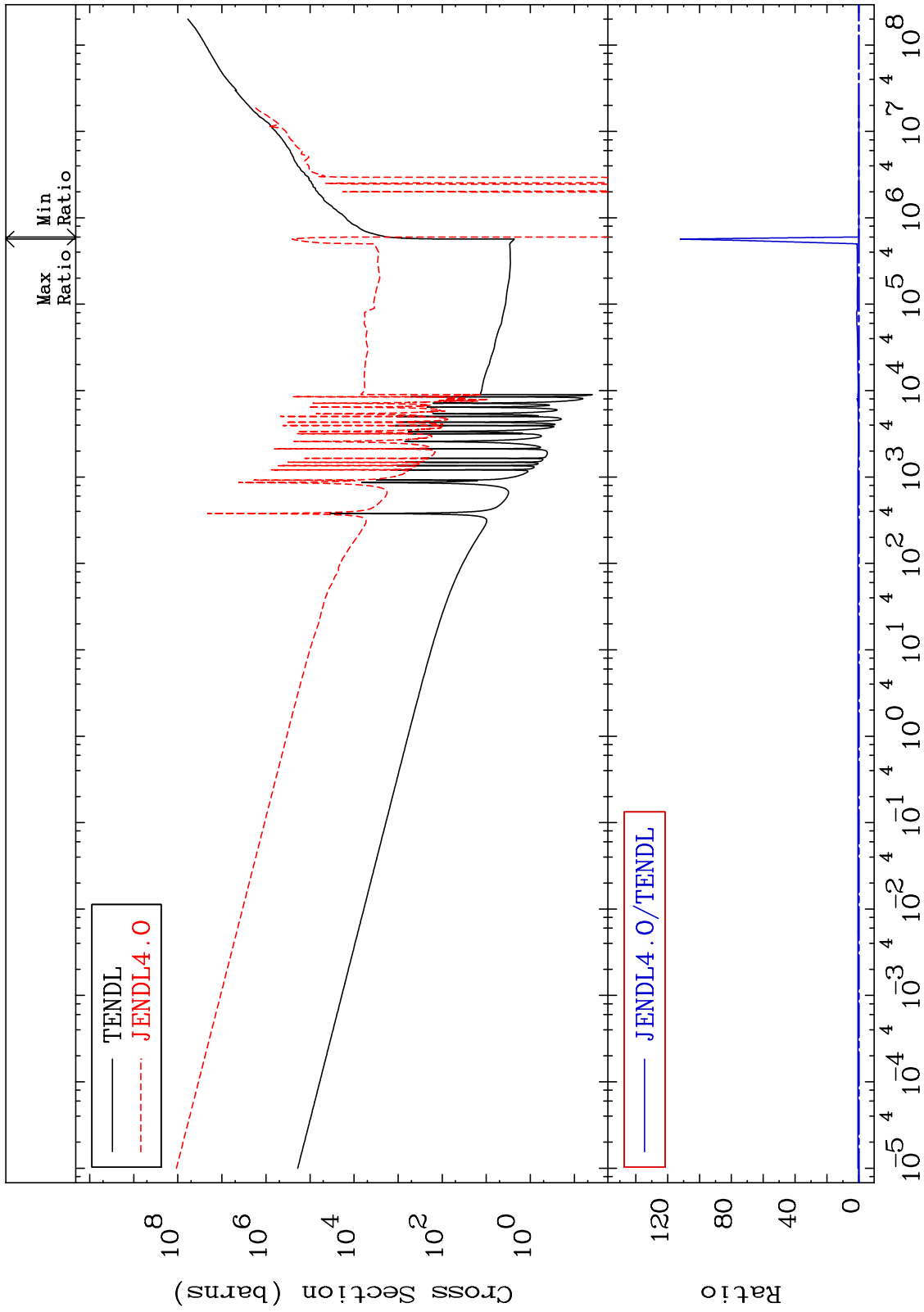
34-Se-76
-12.07 To 35.62 %



MAT 3431

Kerma non-elastic (all but mt2)
Cross Section

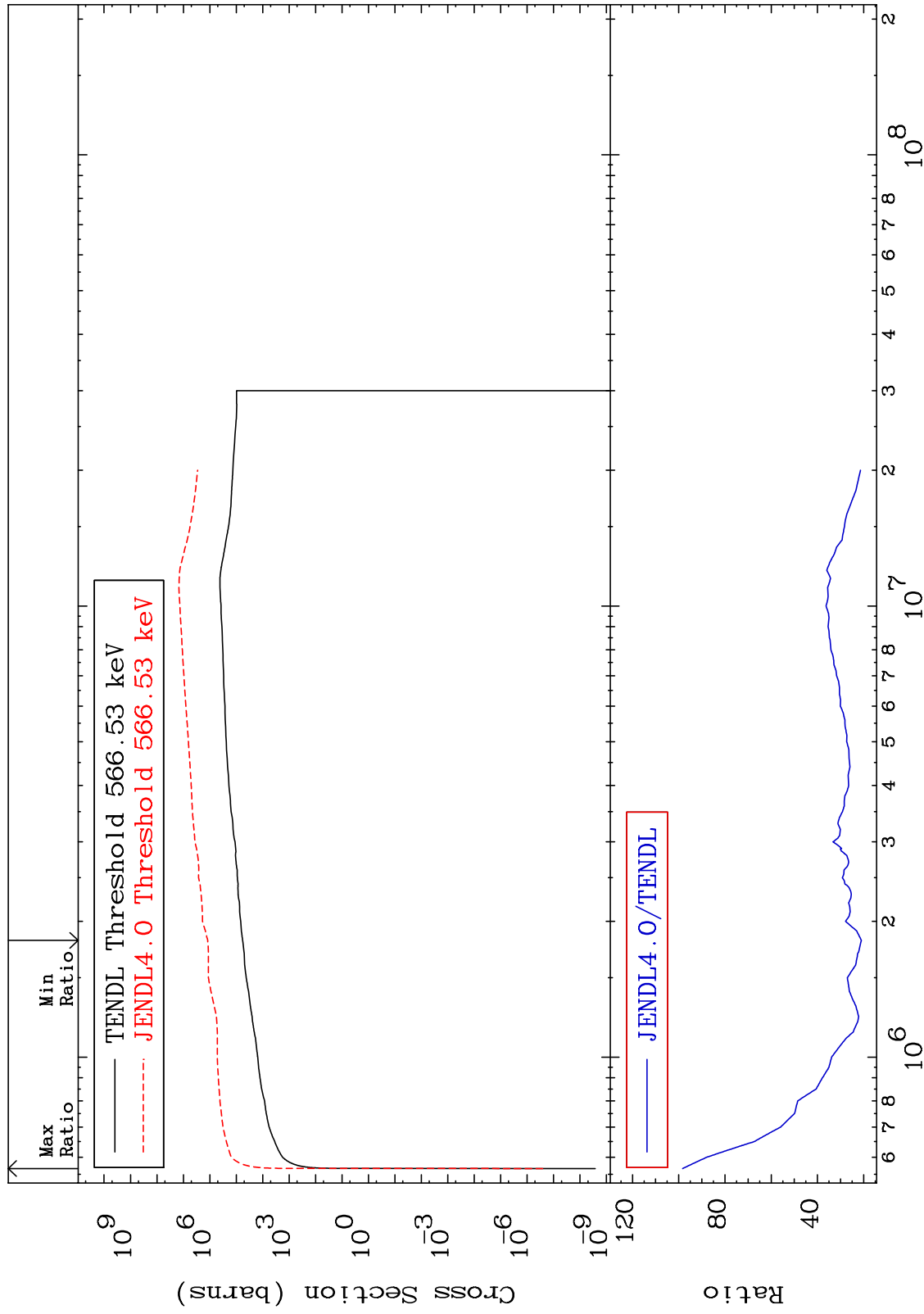
34-Se-76
-467.0 To 9999. %



MAT 3431

Kerma inelastic (mt51-91)
Cross Section

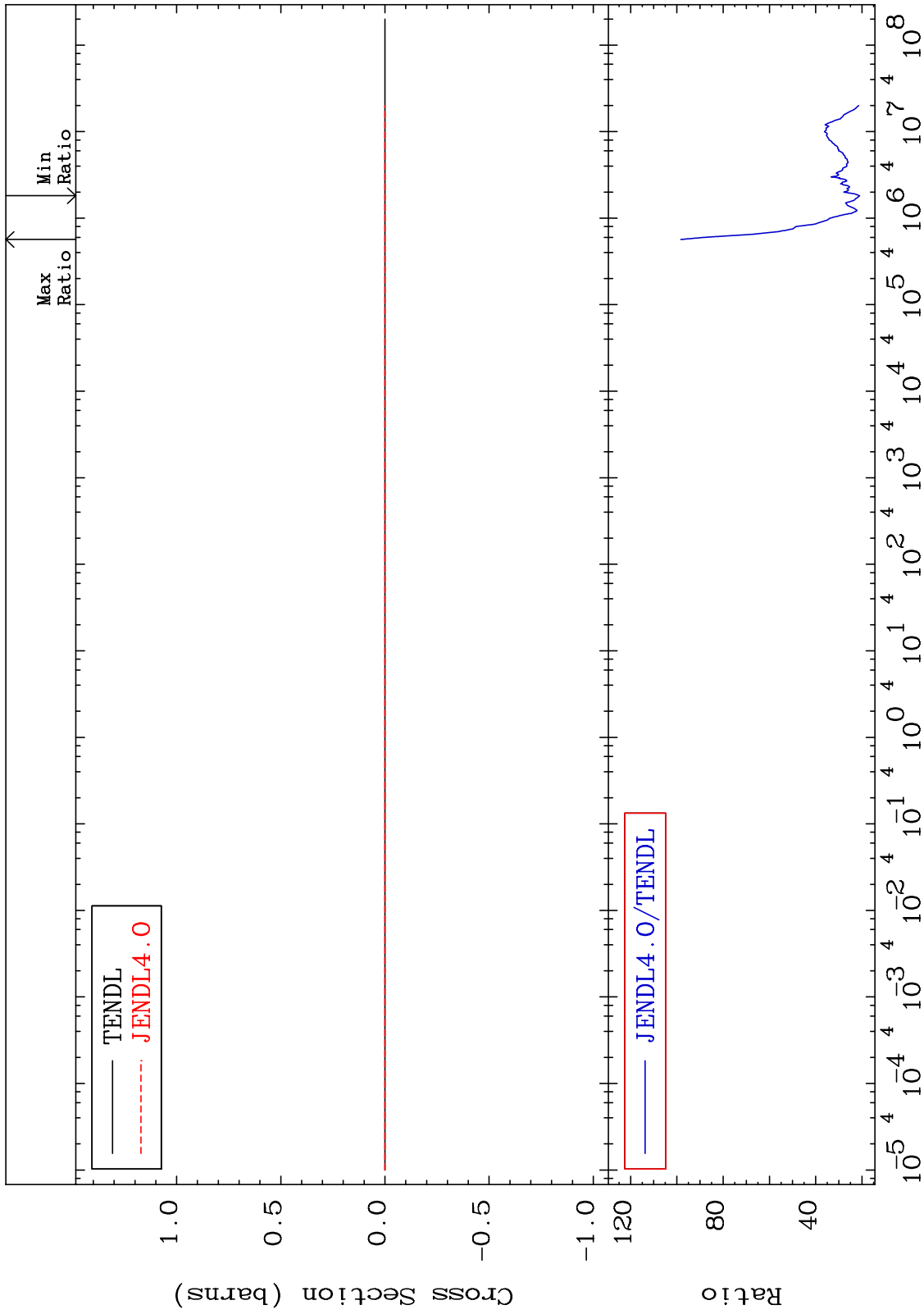
34-Se-76
2002. To 9730. %



MAT 3431

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

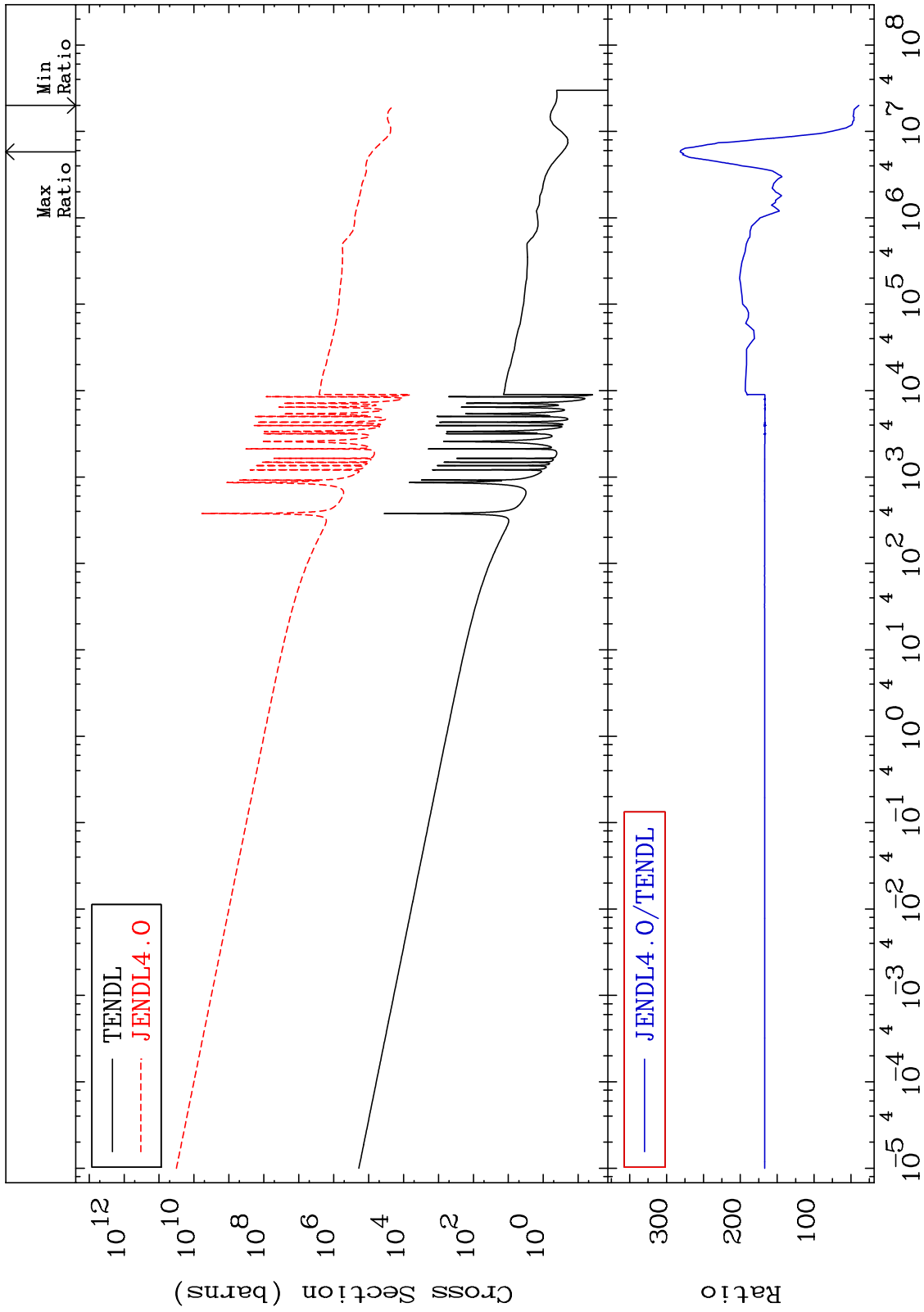
34-Se-76
2002. To 9730. %



MAT 3431

Kerma capture (mt102)
Cross Section

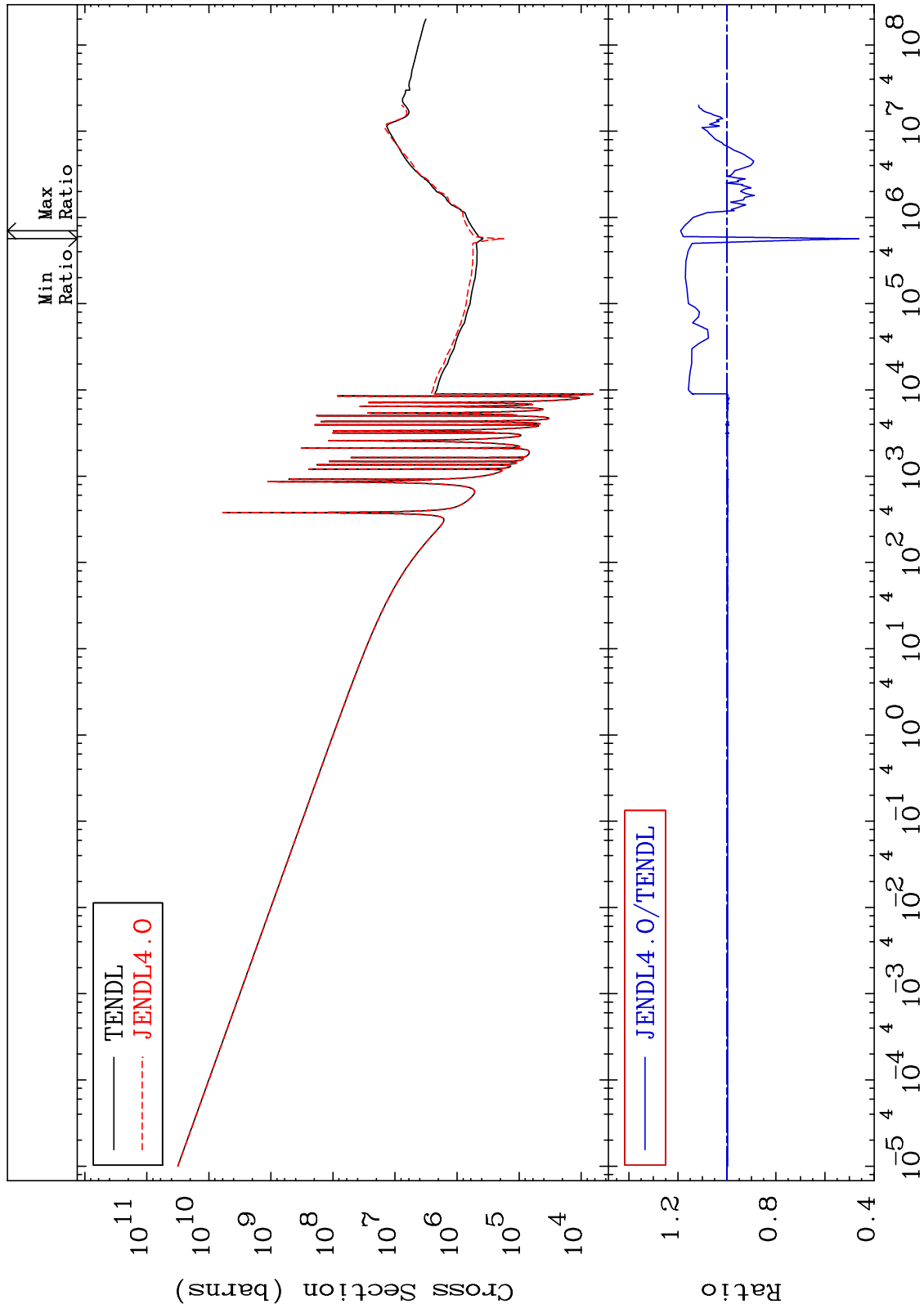
34-Se-76
9999. To 9999. %



MAT 3431

Total photon (eV-barns)
Cross Section

34-Se-76
-53.91 To 18.88 %

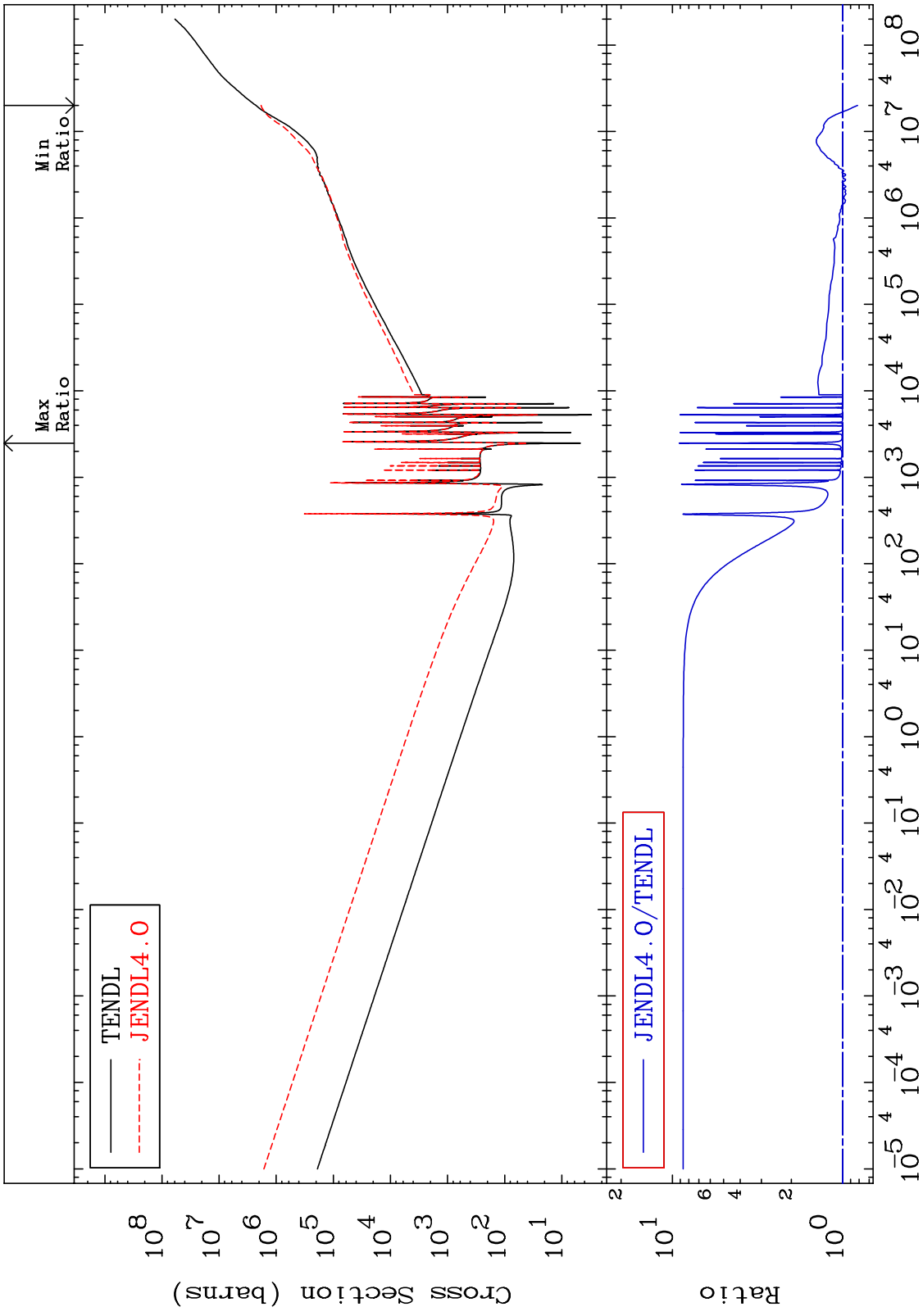


56

Incident Energy (eV)

34-Se-76

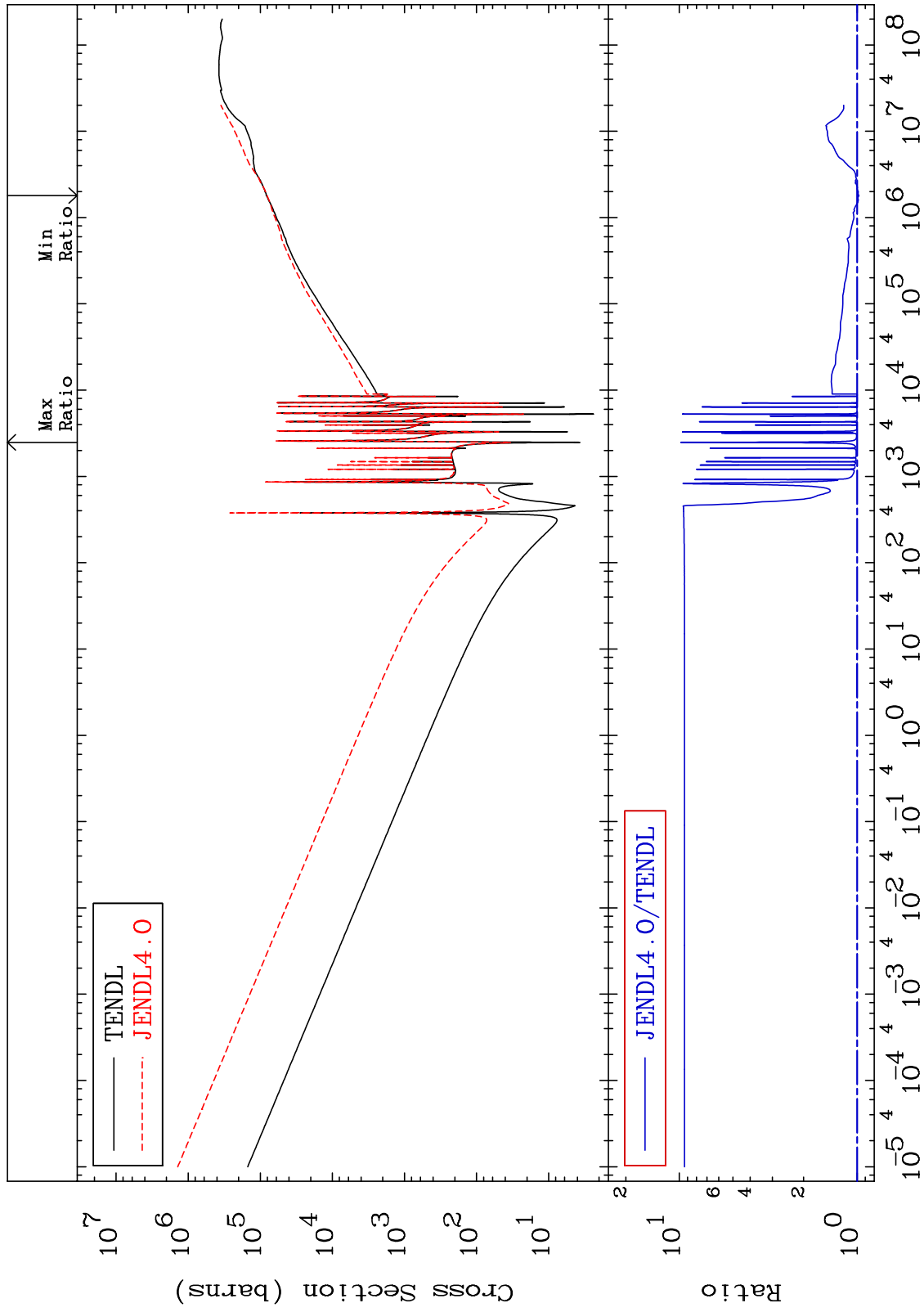
MAT 3431 Total kinematic kerma (high limit) Cross Section 34-Se-76 -18.51 To 814.1 %



MAT 3431

Dpa total (eV-barns)
Cross Section

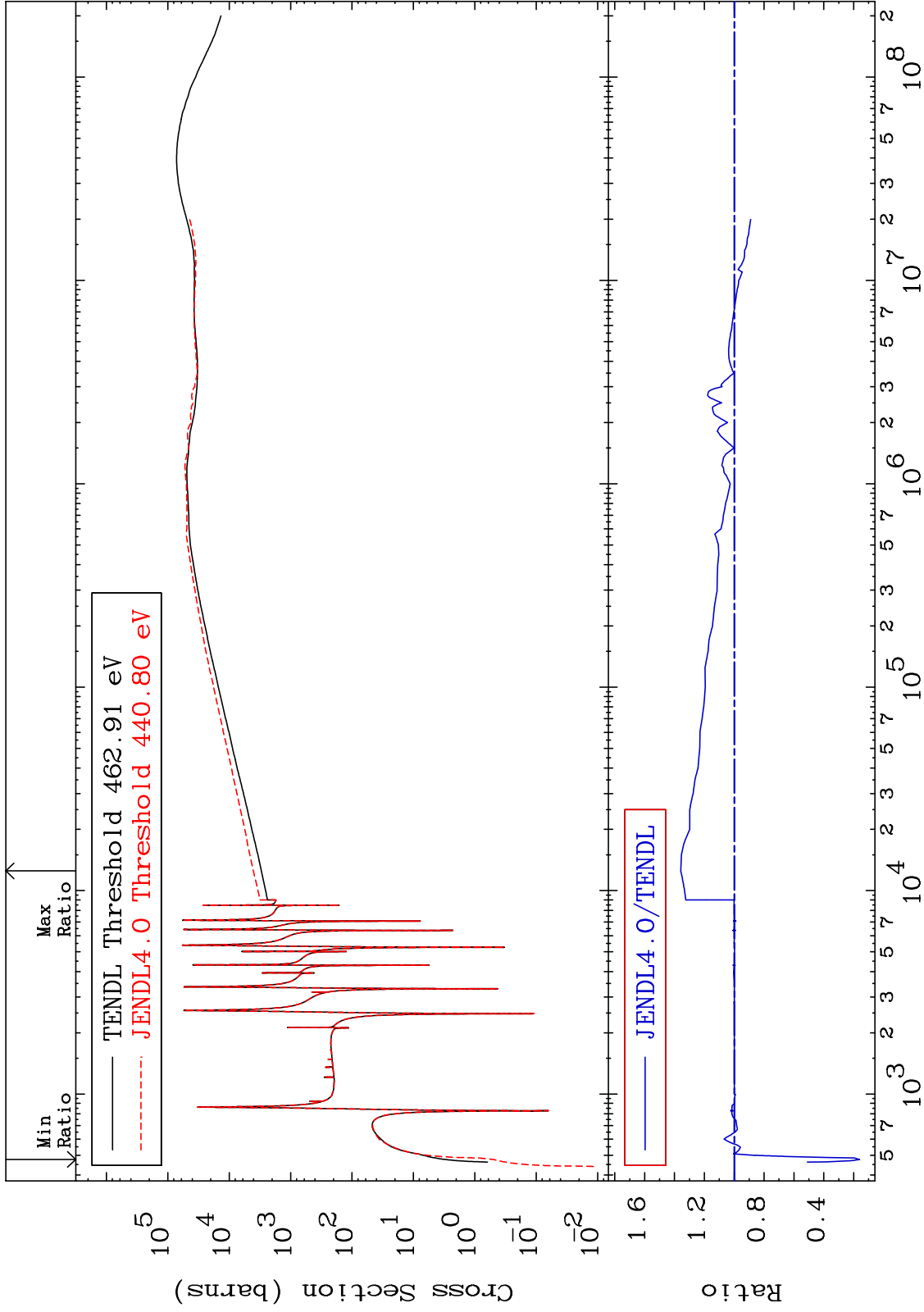
34-Se-76
-2.333 To 883.7 %



MAT 3431

Dpa elastic (mt2)
Cross Section

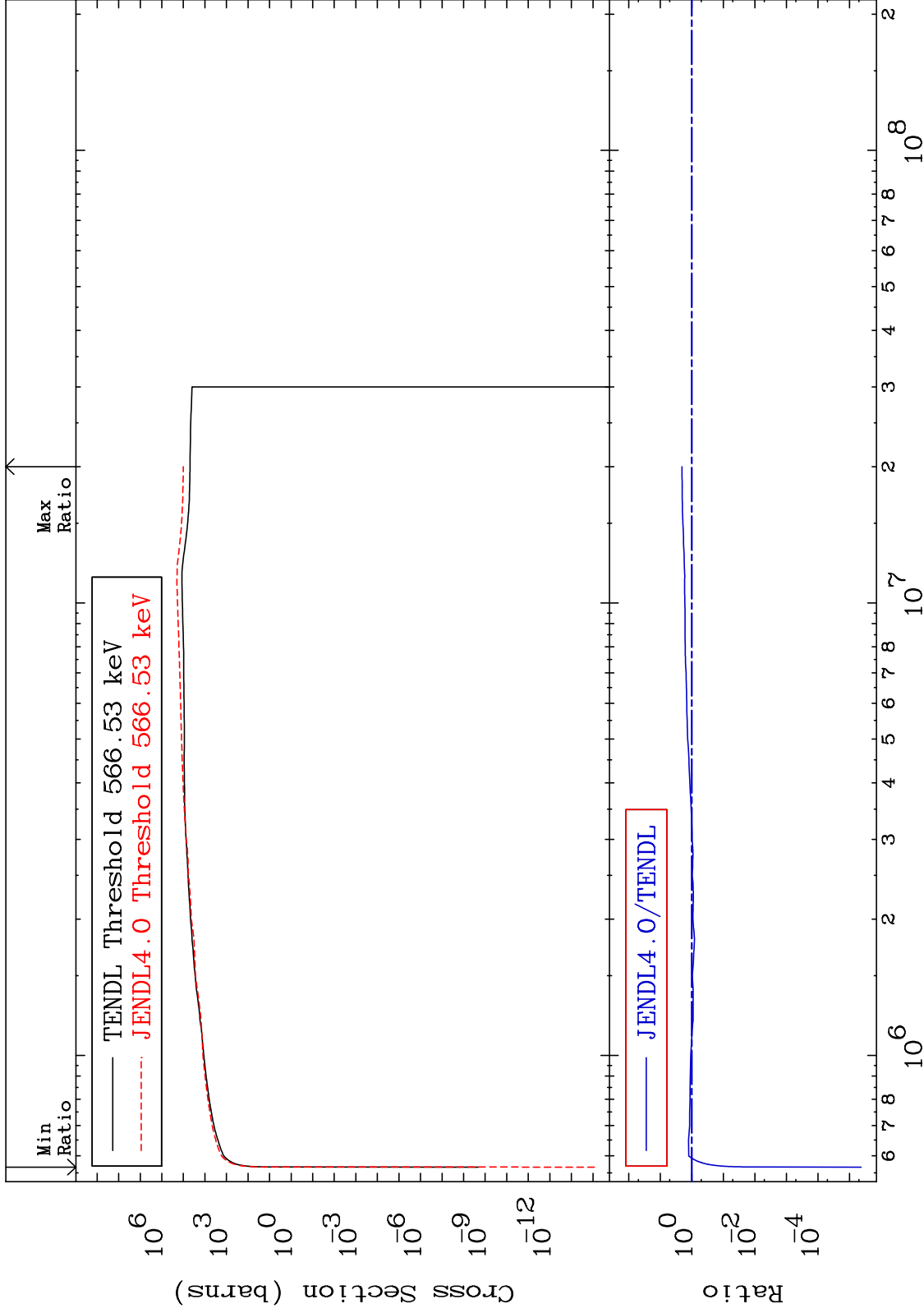
34-Se-76
-84.02 To 35.78 %



MAT 3431

Dpa inelastic (mt51-91)
Cross Section

34-Se-76
-100.0 To 104.6 %



60

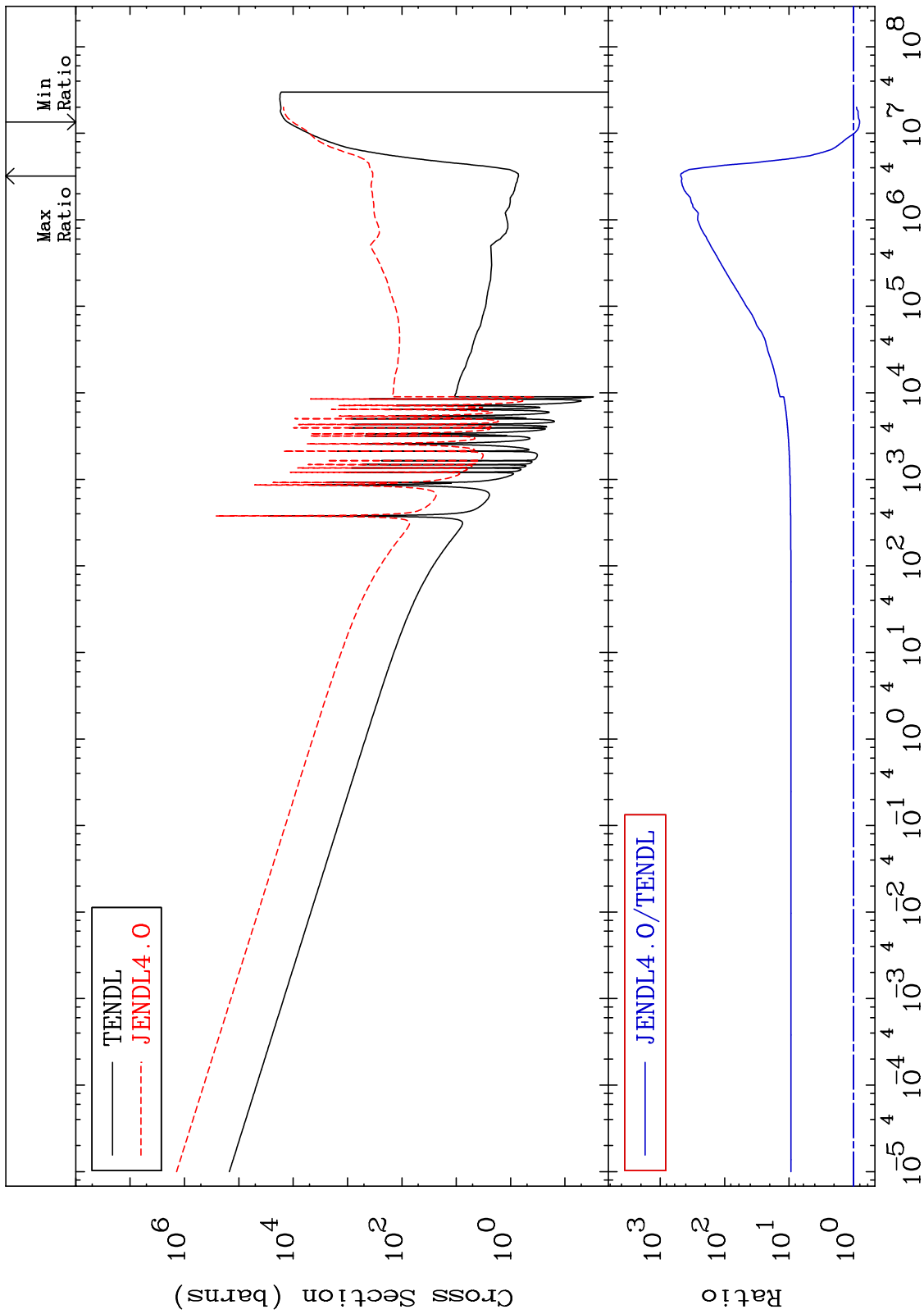
Incident Energy (eV)

34-Se-76

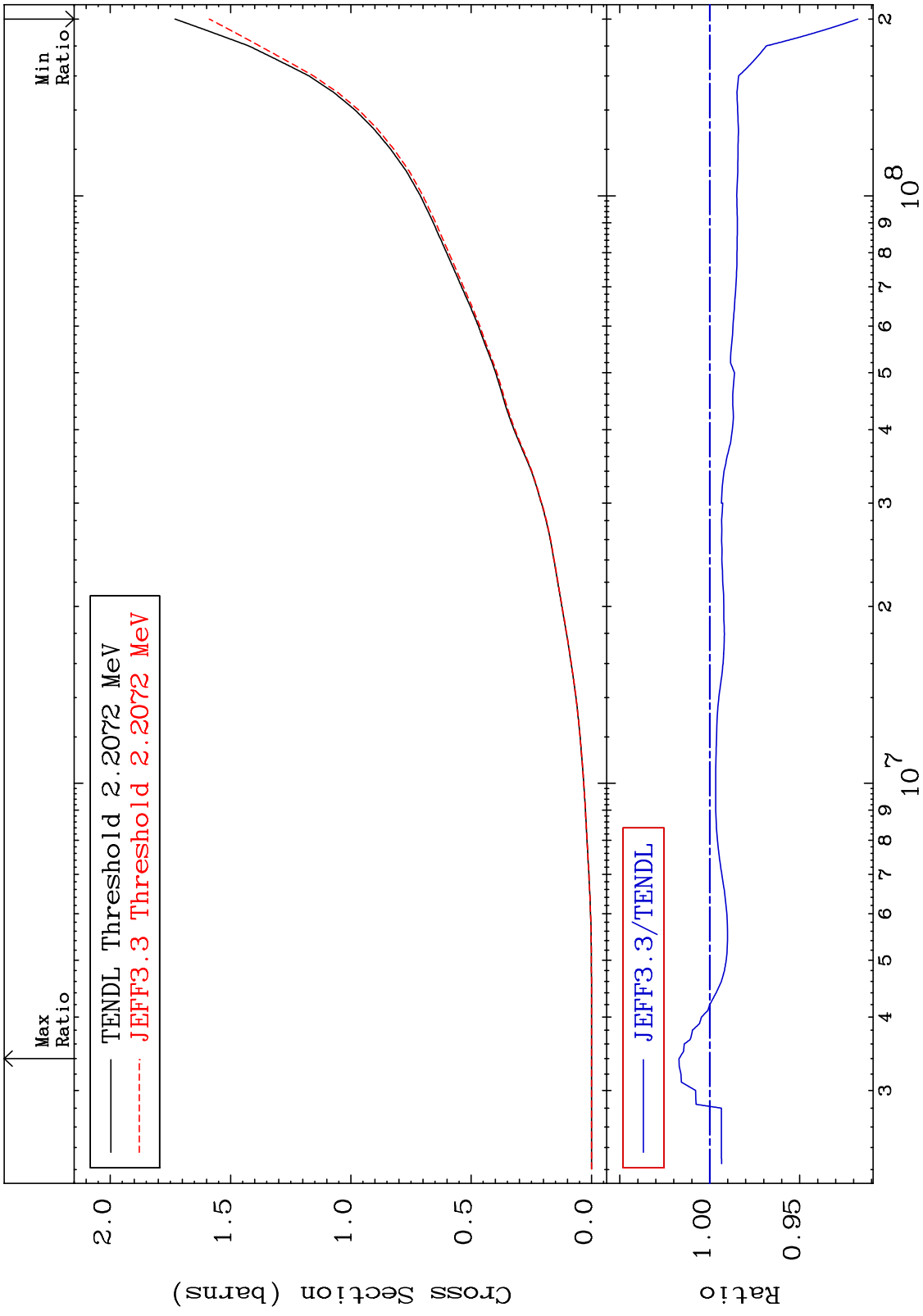
MAT 3431

Dpa disappearance (mt102 -120)
Cross Section

34-Se-76
-19.72 To 9999. %



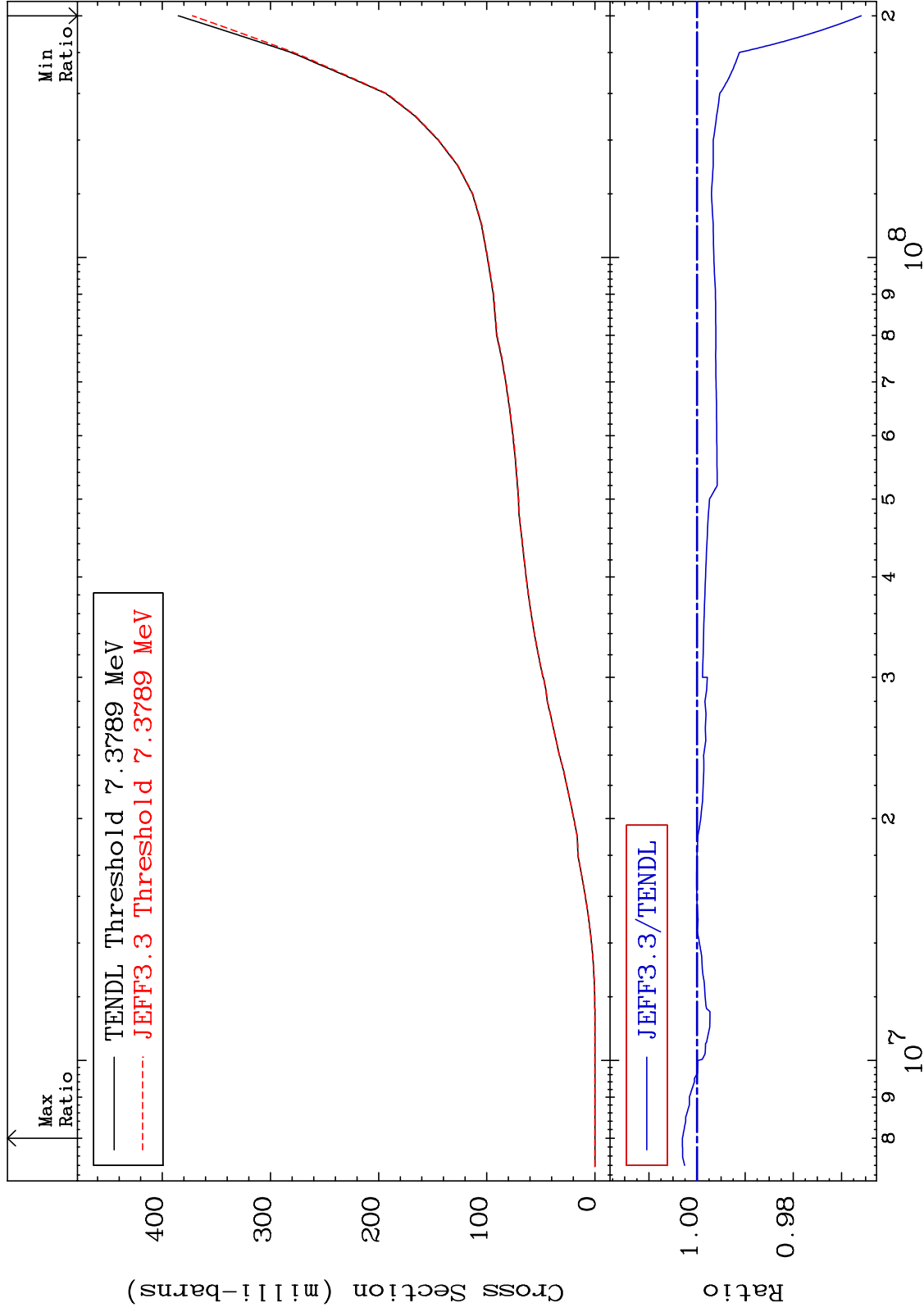
MAT 3431 Hydrogen Production Cross Section 34-Se-76
 -8.232 To 1.708 %



MAT 3431

Deuterium Production
Cross Section

$^{34}\text{Se-76}$
-3.412 To 0.302 %



63

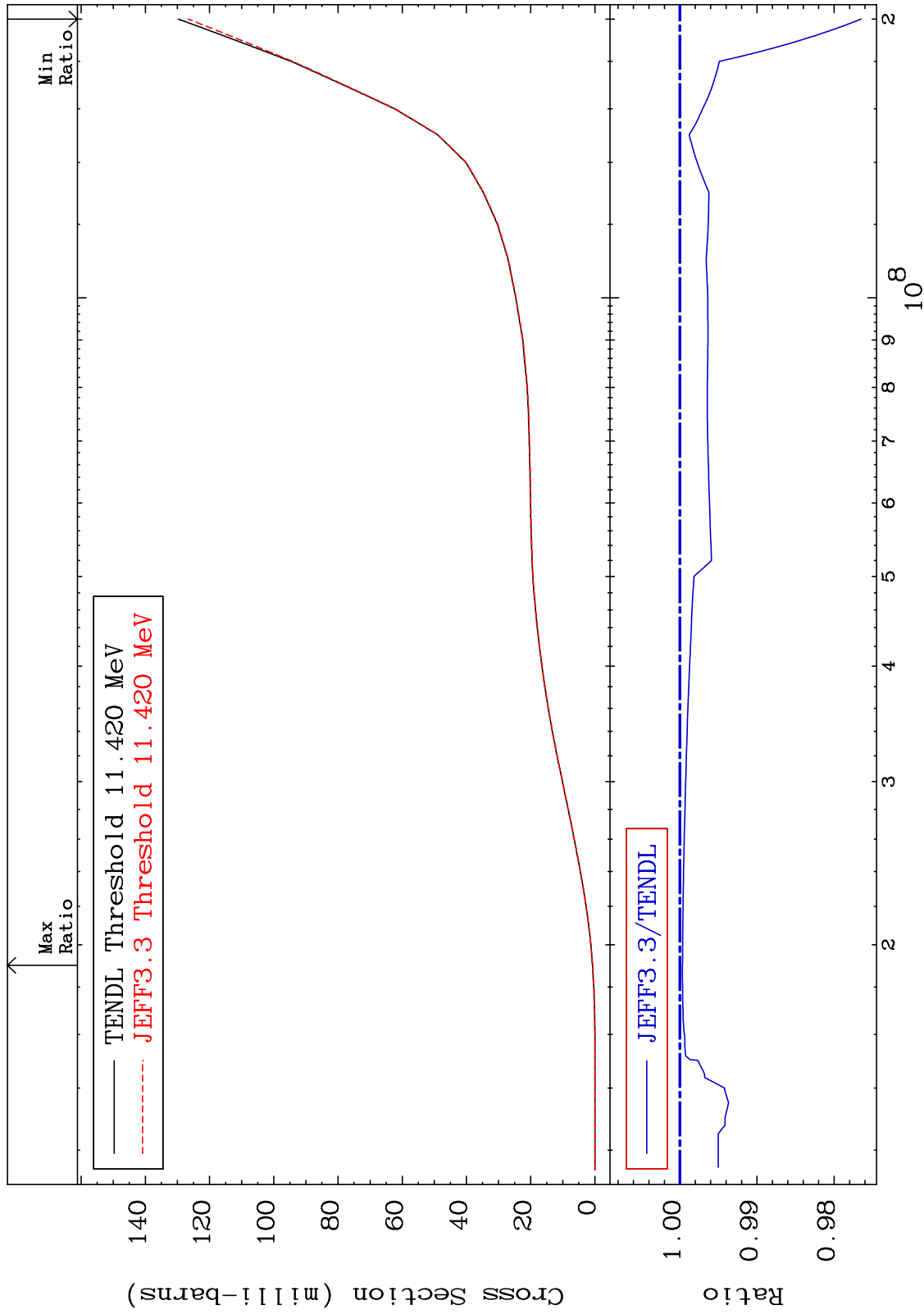
Incident Energy (eV)

$^{34}\text{Se-76}$

MAT 3431

Tritium Production
Cross Section

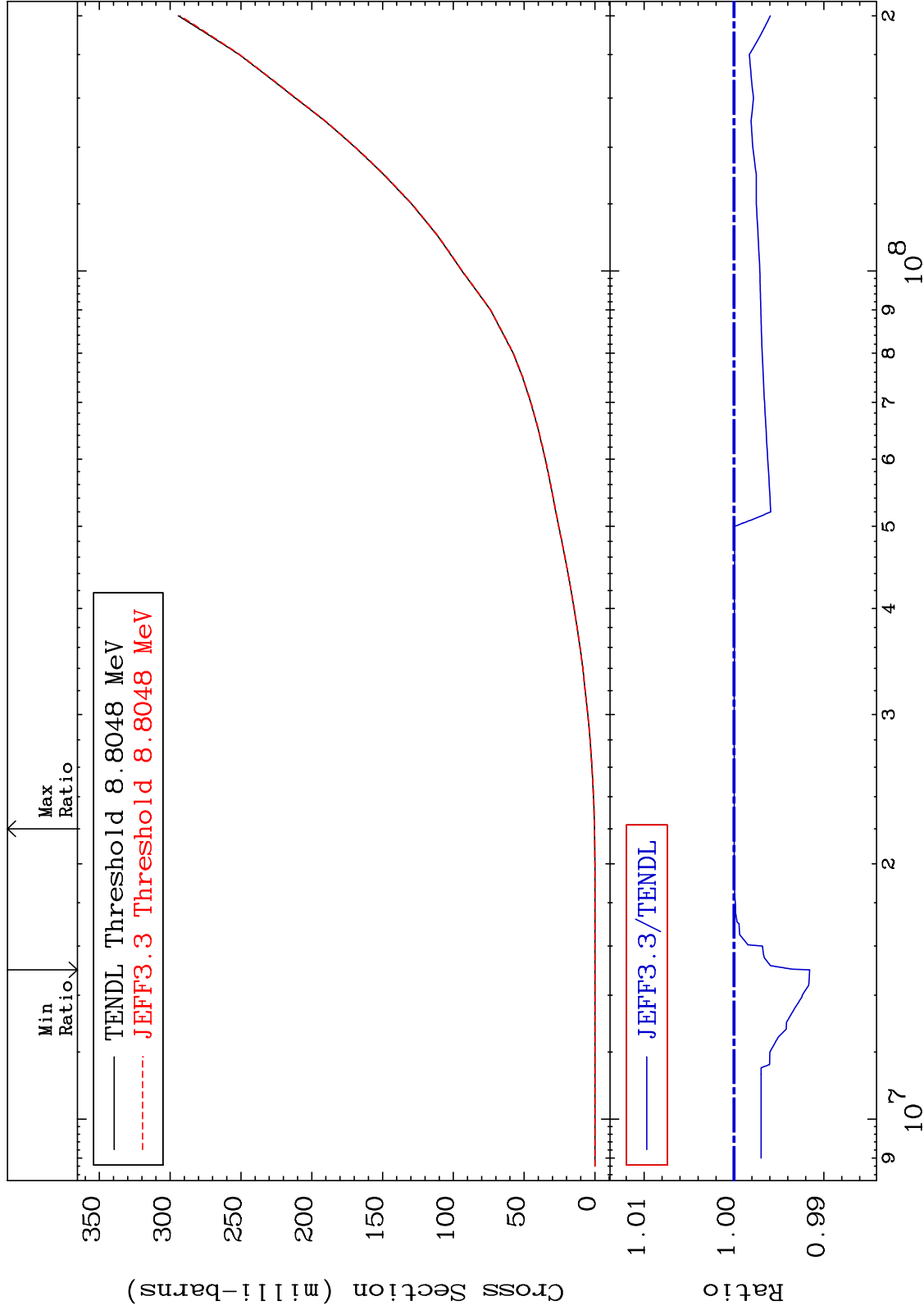
³⁴Se-76
-2.352 To -0.034%



MAT 3431

He-3 Production
Cross Section

34-Se-76
-0.843 To -0.002%



65

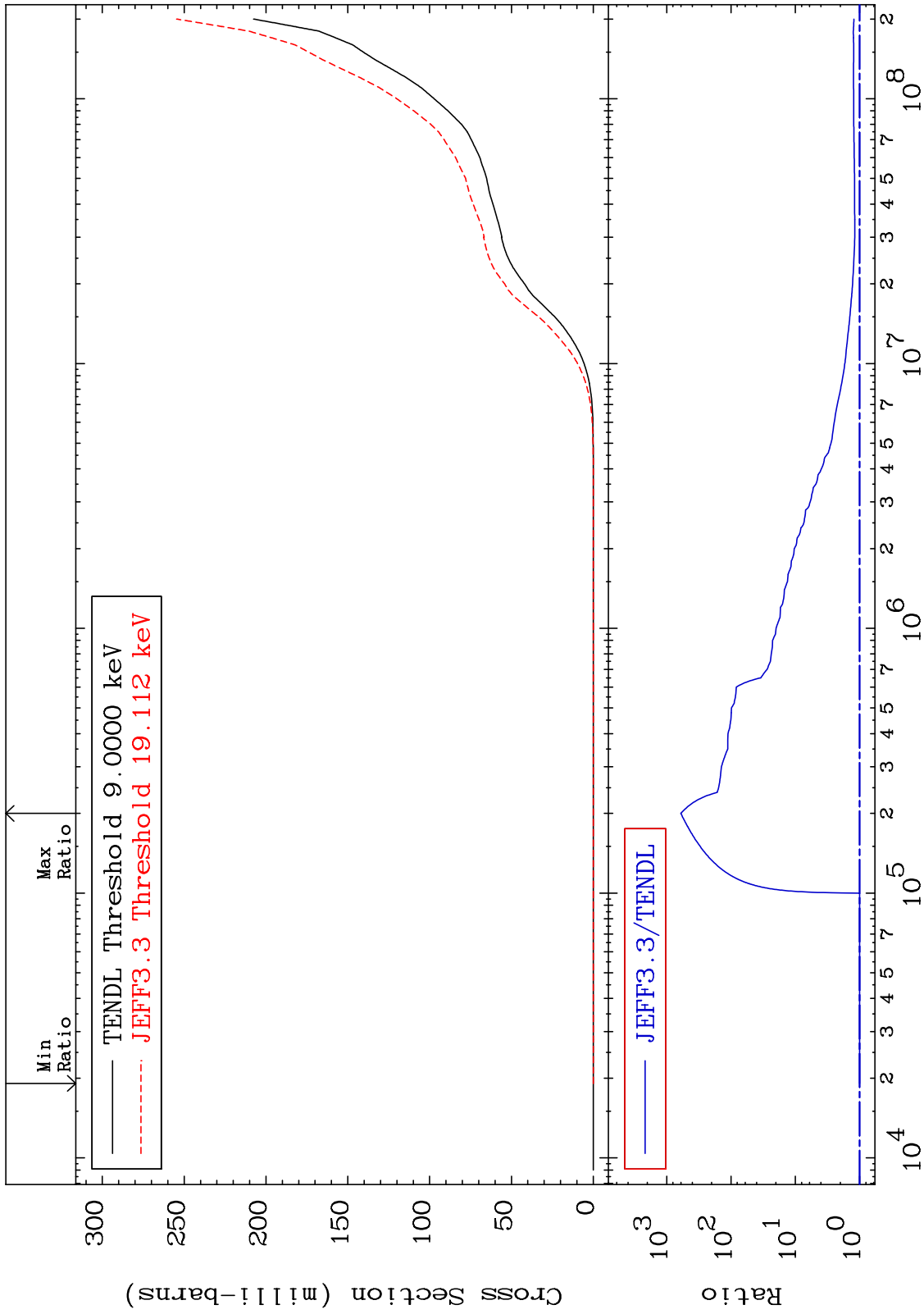
Incident Energy (eV)

34-Se-76

MAT 3431

He-4 Production
Cross Section

34-Se-76
To 9999. %
0.000



66

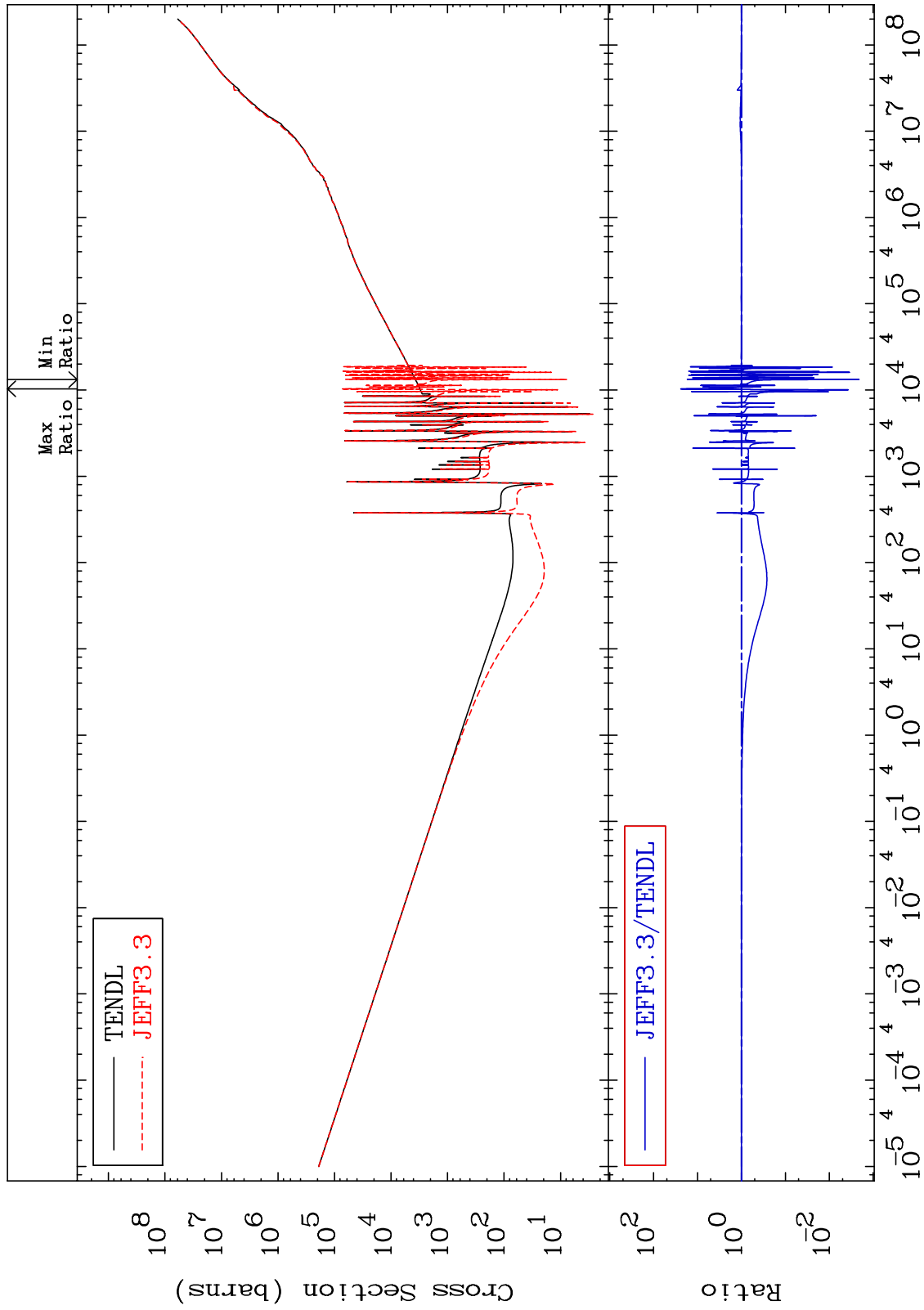
Incident Energy (eV)

34-Se-76

MAT 3431

Kerma total (eV-barns)
Cross Section

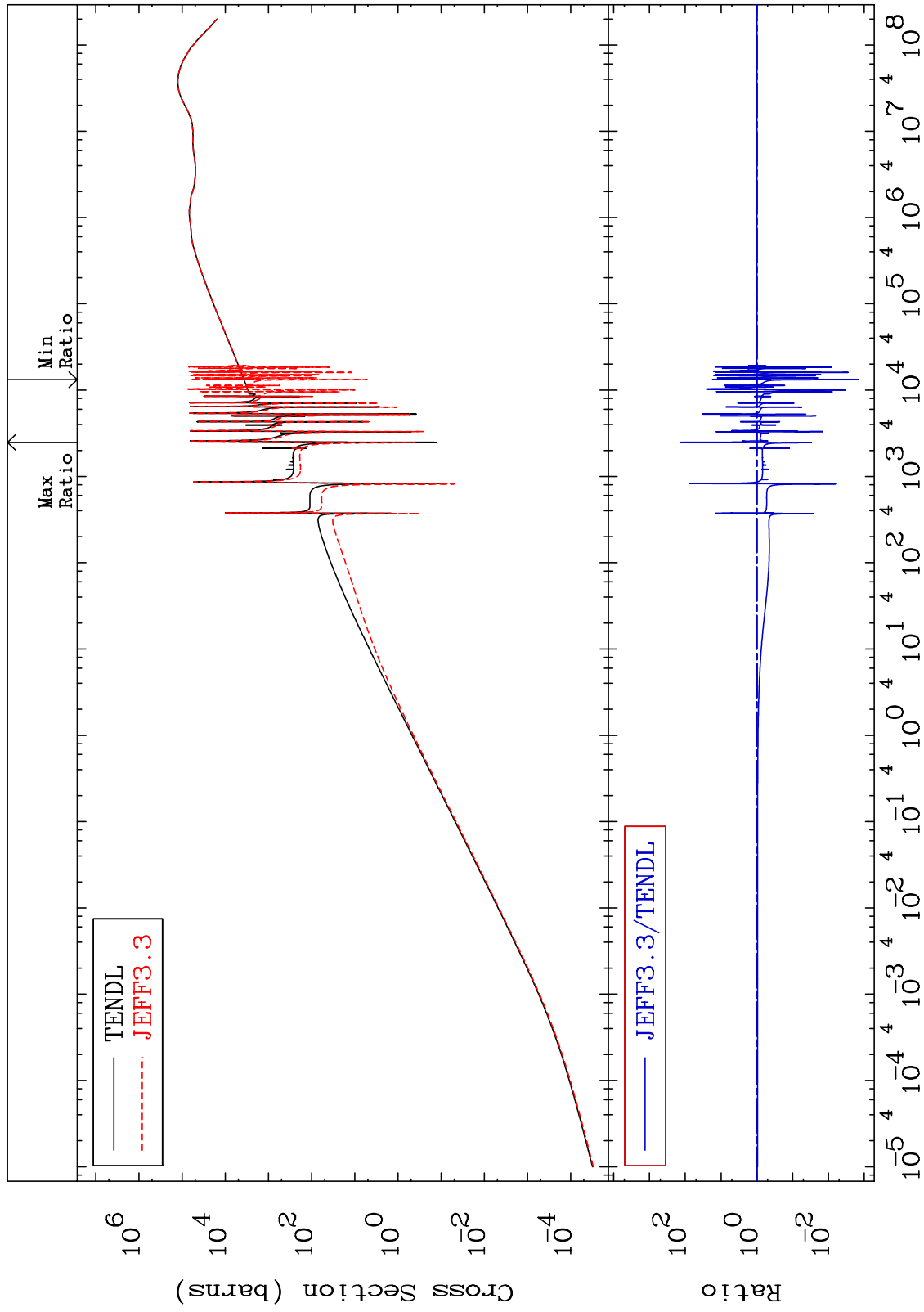
34-Se-76
-99.79 To 2325. %



MAT 3431

Kerma elastic
Cross Section

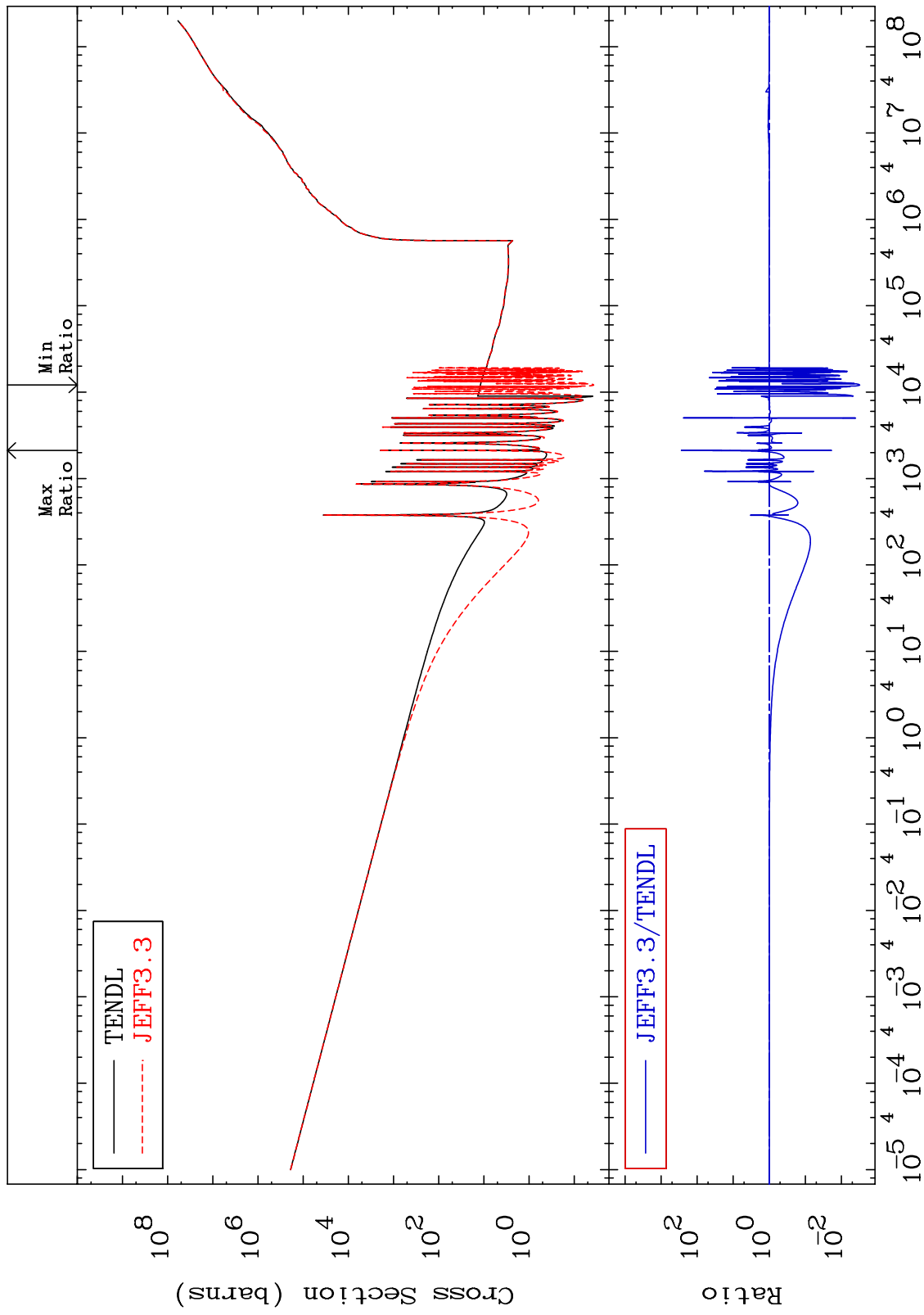
34-Se-76
-99.86 To 9999. %



MAT 3431

Kerma non-elastic (all but mt2)
Cross Section

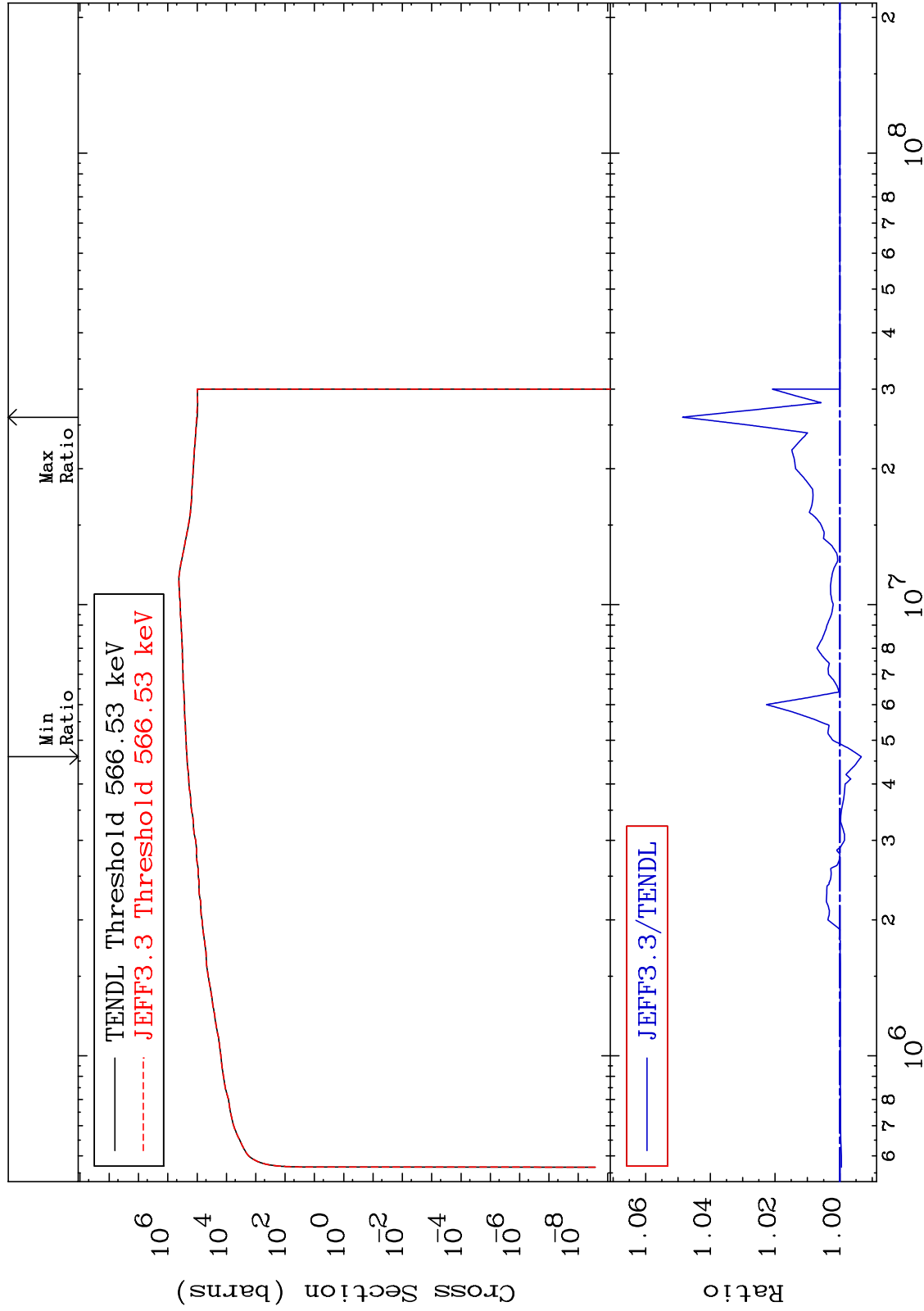
34-Se-76
-99.69 To 9999. %



MAT 3431

Kerma inelastic (mt51-91)
Cross Section

34-Se-76
-0.665 To 4.854 %



70

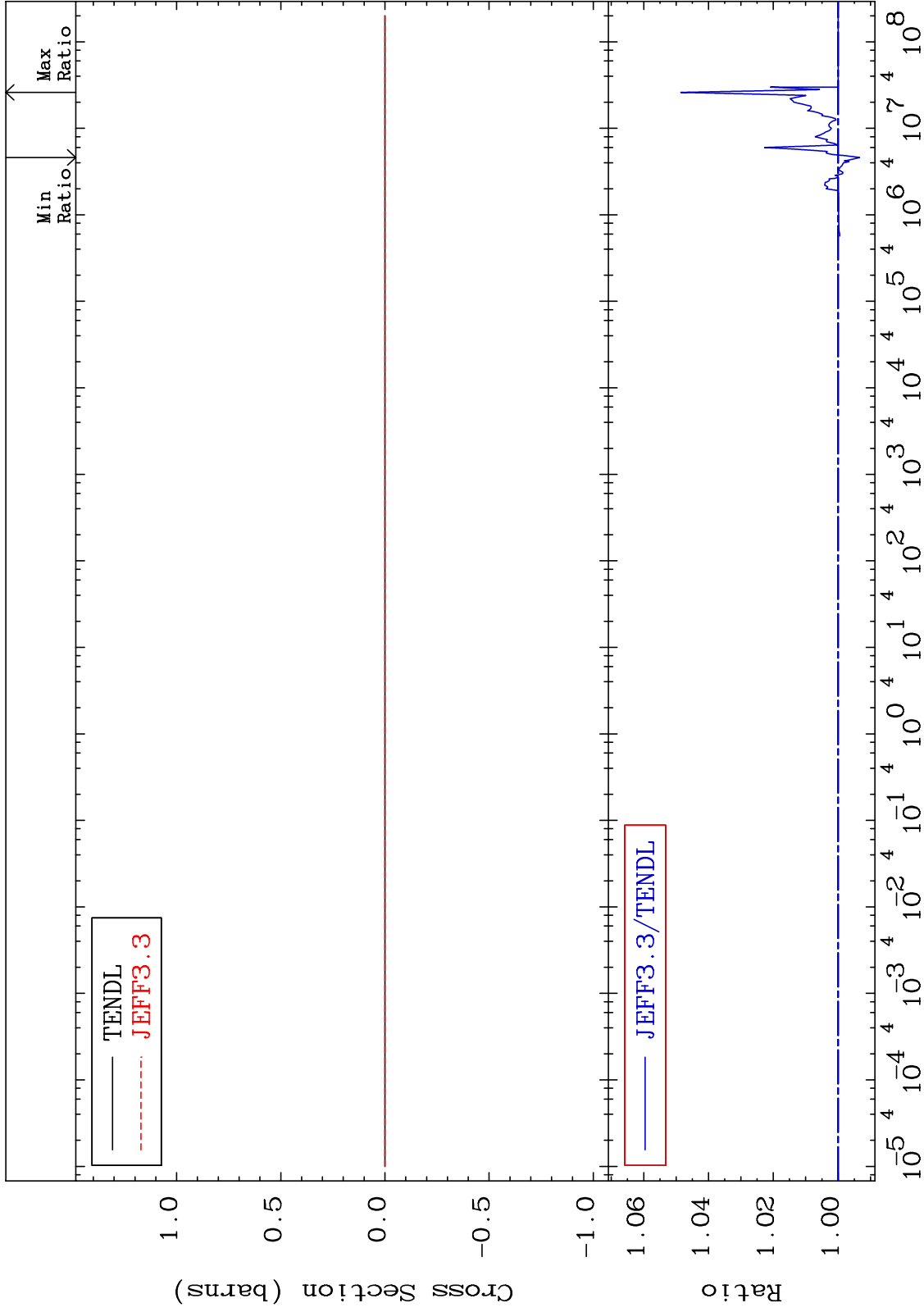
Incident Energy (eV)

34-Se-76

MAT 3431

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

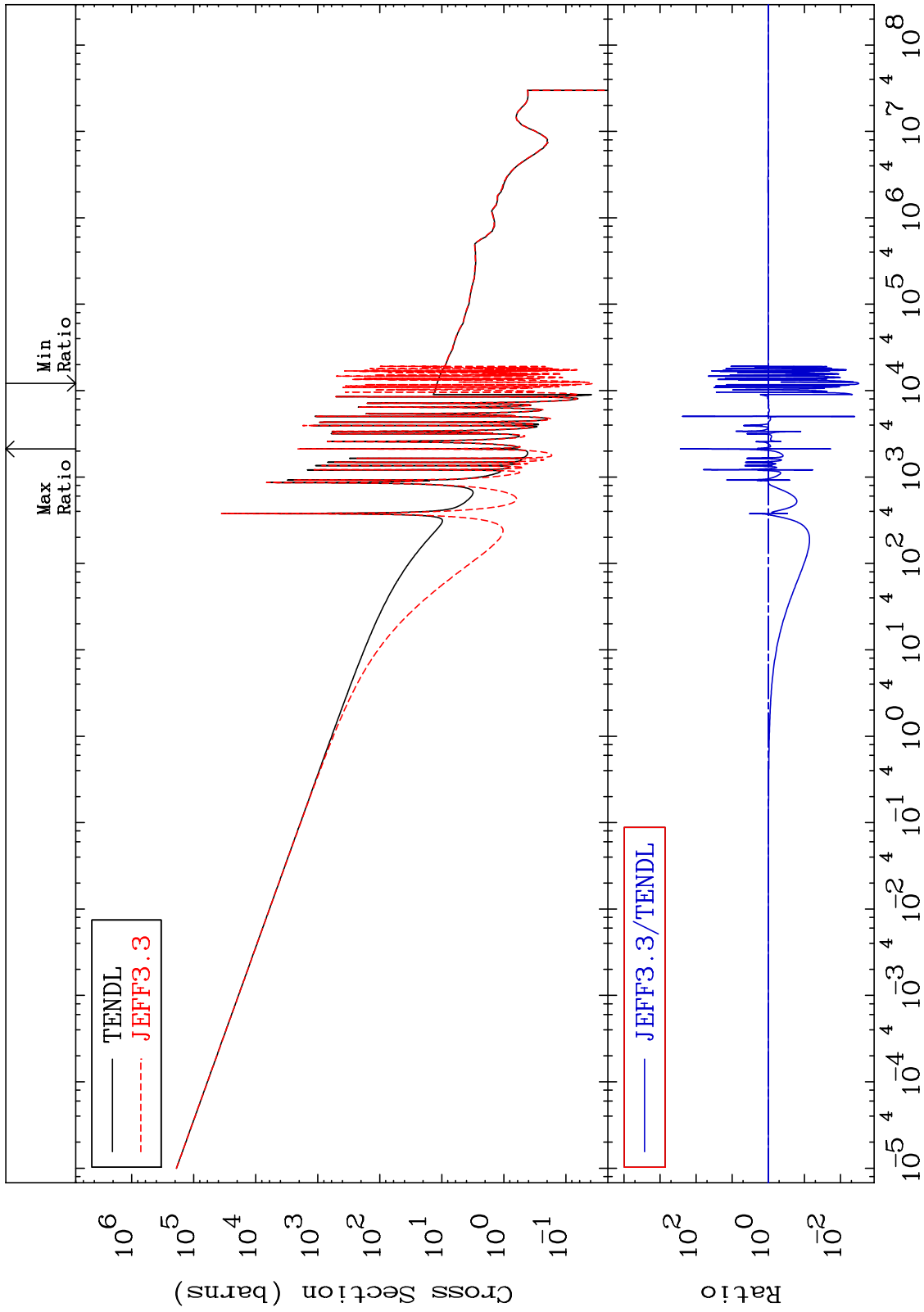
34-Se-76
-0.665 To 4.854 %



MAT 3431

Kerma capture (mt102)
Cross Section

34-Se-76
-99.69 To 9999. %



72

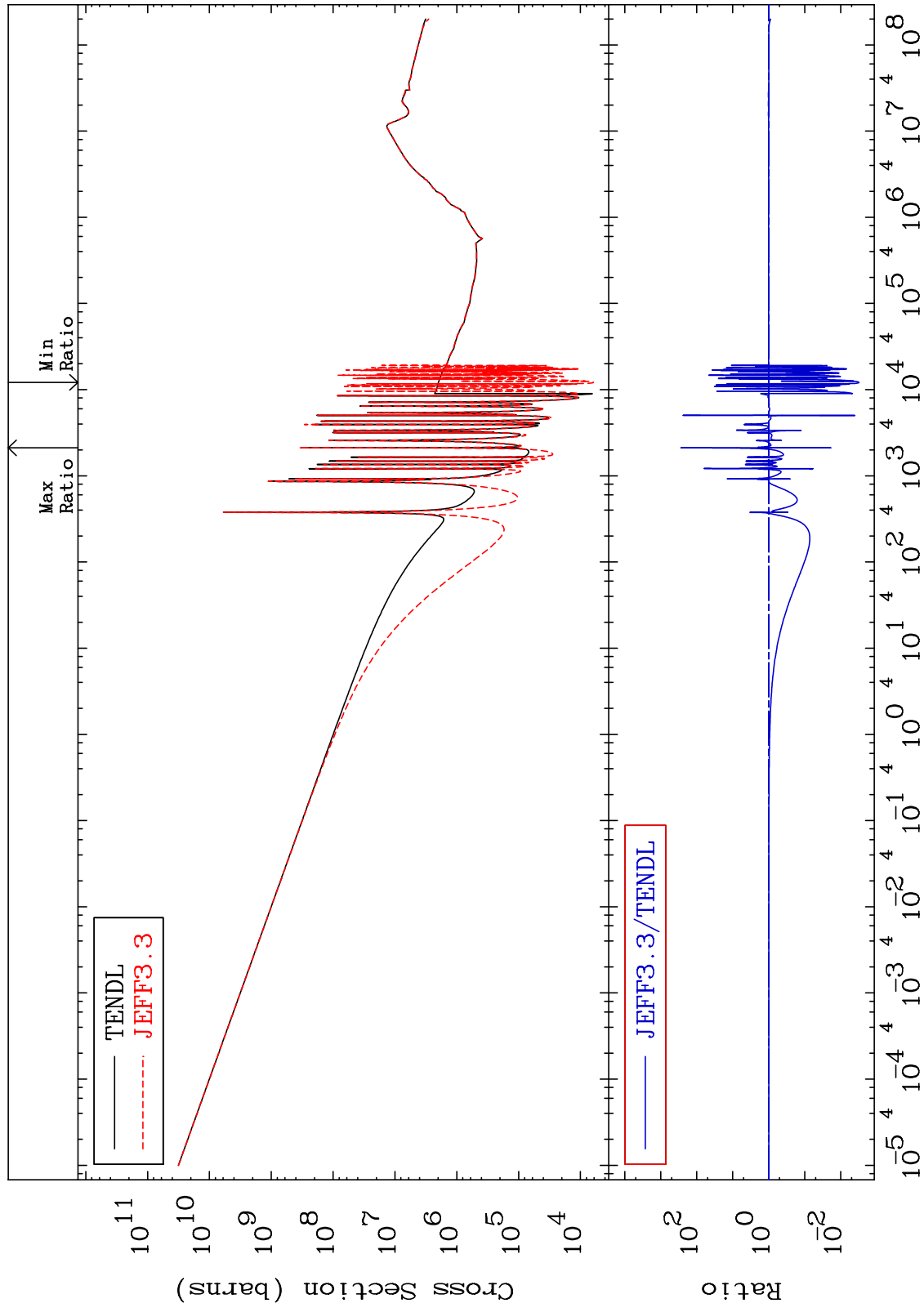
Incident Energy (eV)

34-Se-76

MAT 3431

Total photon (eV-barns)
Cross Section

34-Se-76
-99.69 To 9999. %

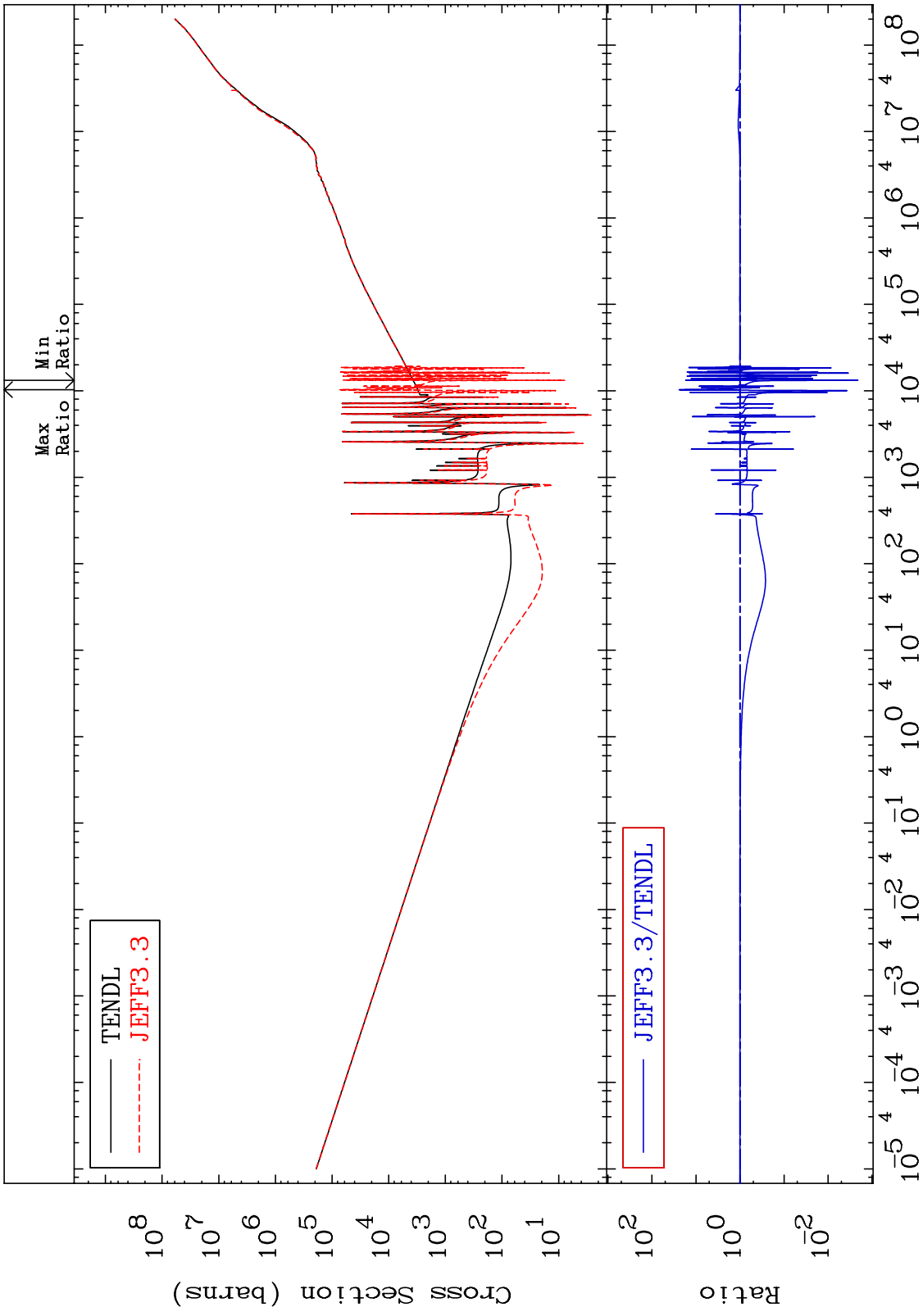


73

Incident Energy (eV)

34-Se-76

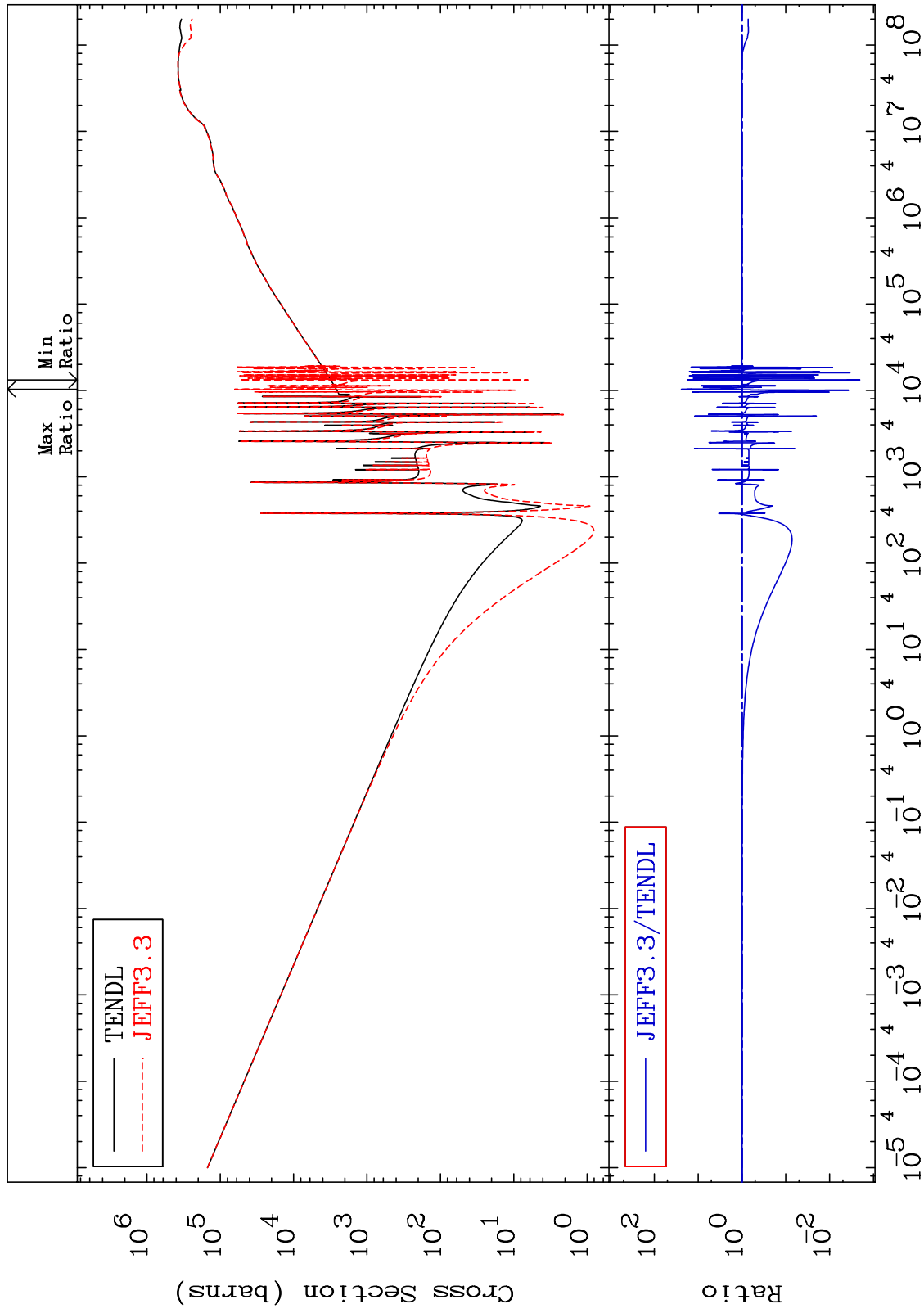
MAT 3431 Total kinematic kerma (high limit) 34-Se-76
 Cross Section -99.79 To 2325. %



MAT 3431

Dpa total (eV-barns)
Cross Section

34-Se-76
-99.79 To 2327. %



75

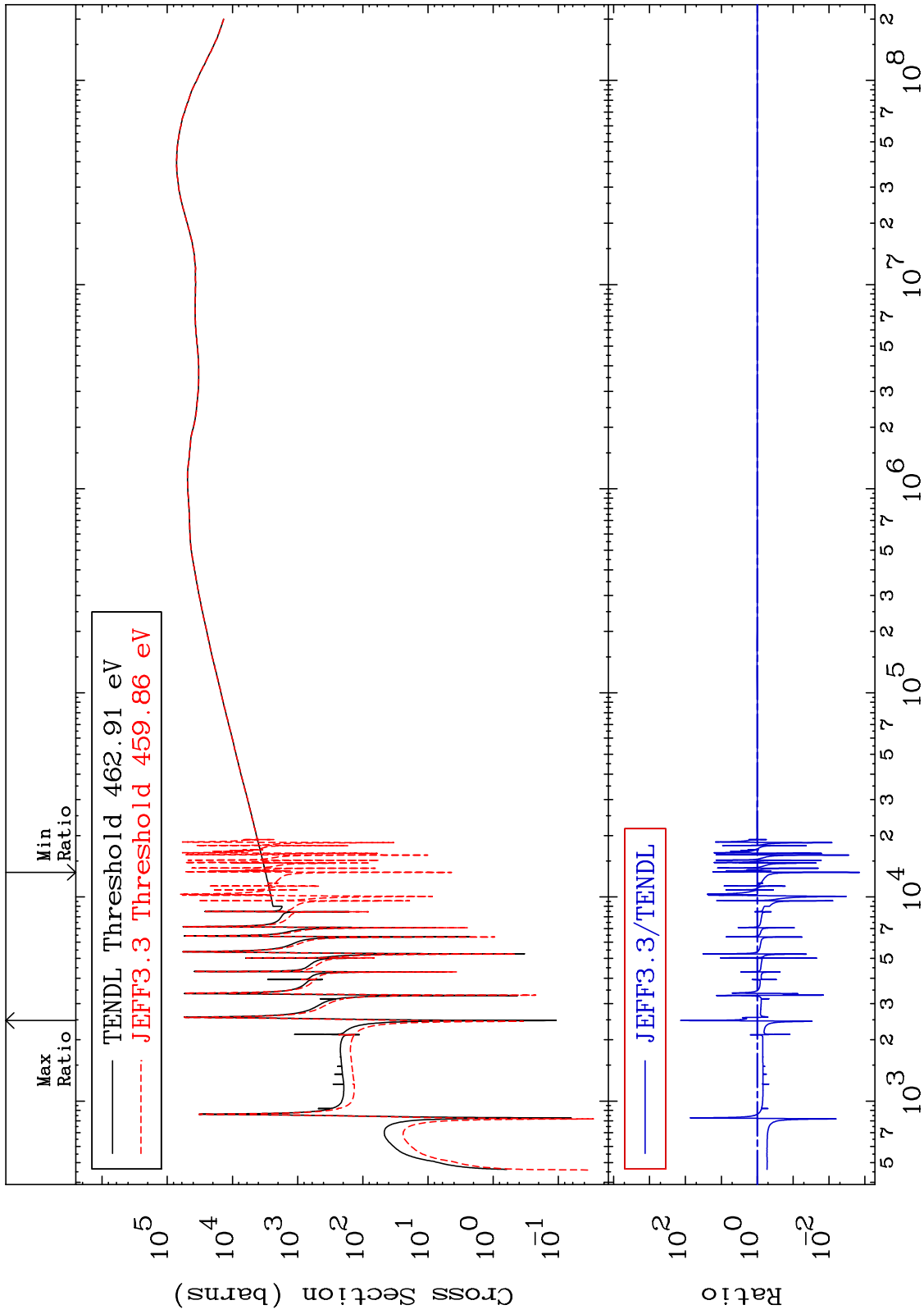
Incident Energy (eV)

34-Se-76

MAT 3431

Dpa elastic (mt2)
Cross Section

34-Se-76
-99.86 To 9999. %

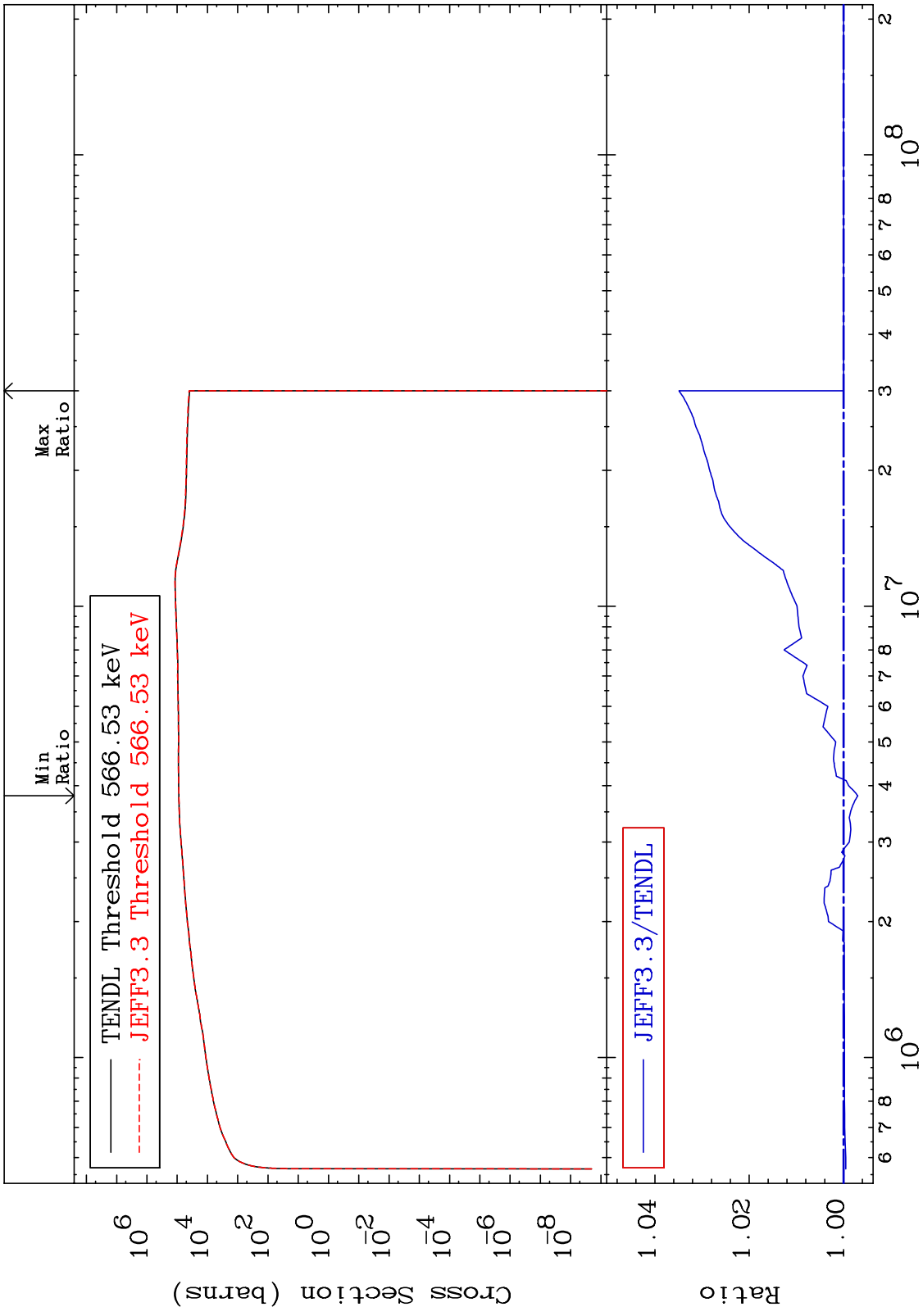


76

34-Se-76

34-Se-76

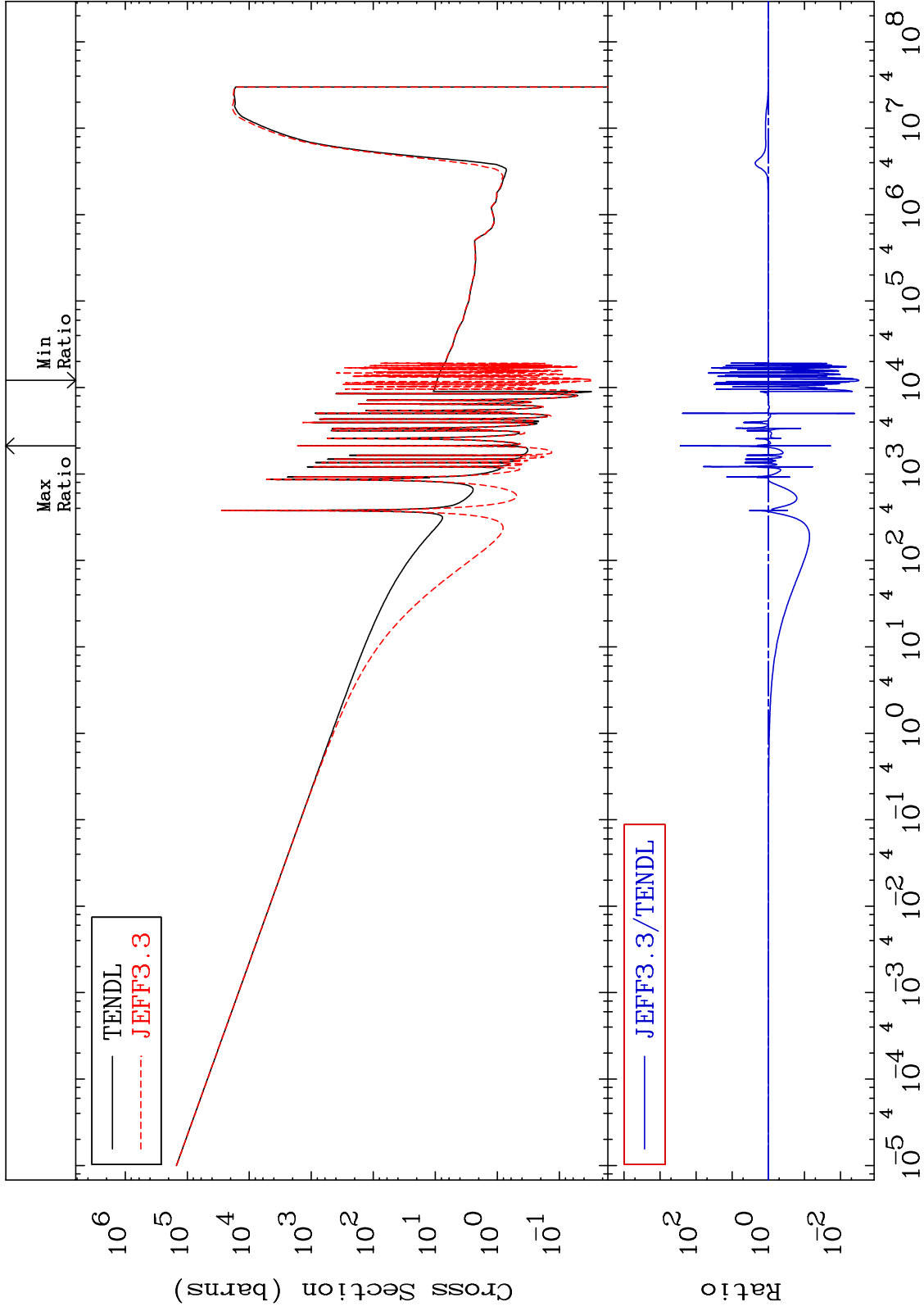
MAT 3431 Dpa inelastic (mt51-91) 34-Se-76
 Cross Section -0.302 To 3.487 %



MAT 3431

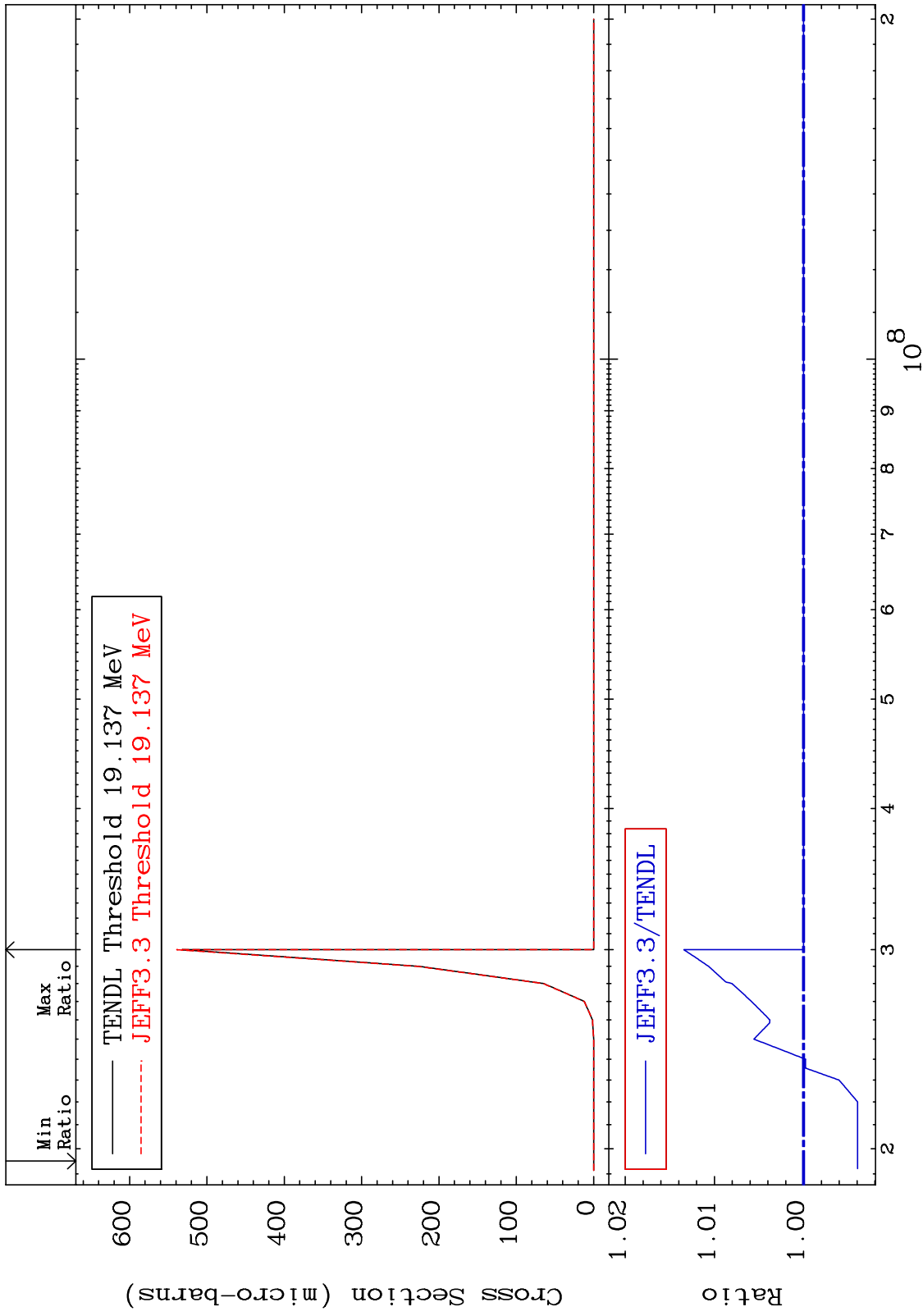
Dpa disappearance (mt102 -120)
Cross Section

34-Se-76
-99.69 To 9999. %



MAT 3431

(n, n') He-3:32-Ge-73g 34-Se-76
Radionuclide Production Cross Section -0.605 To 1.342 %



79

Incident Energy (eV)

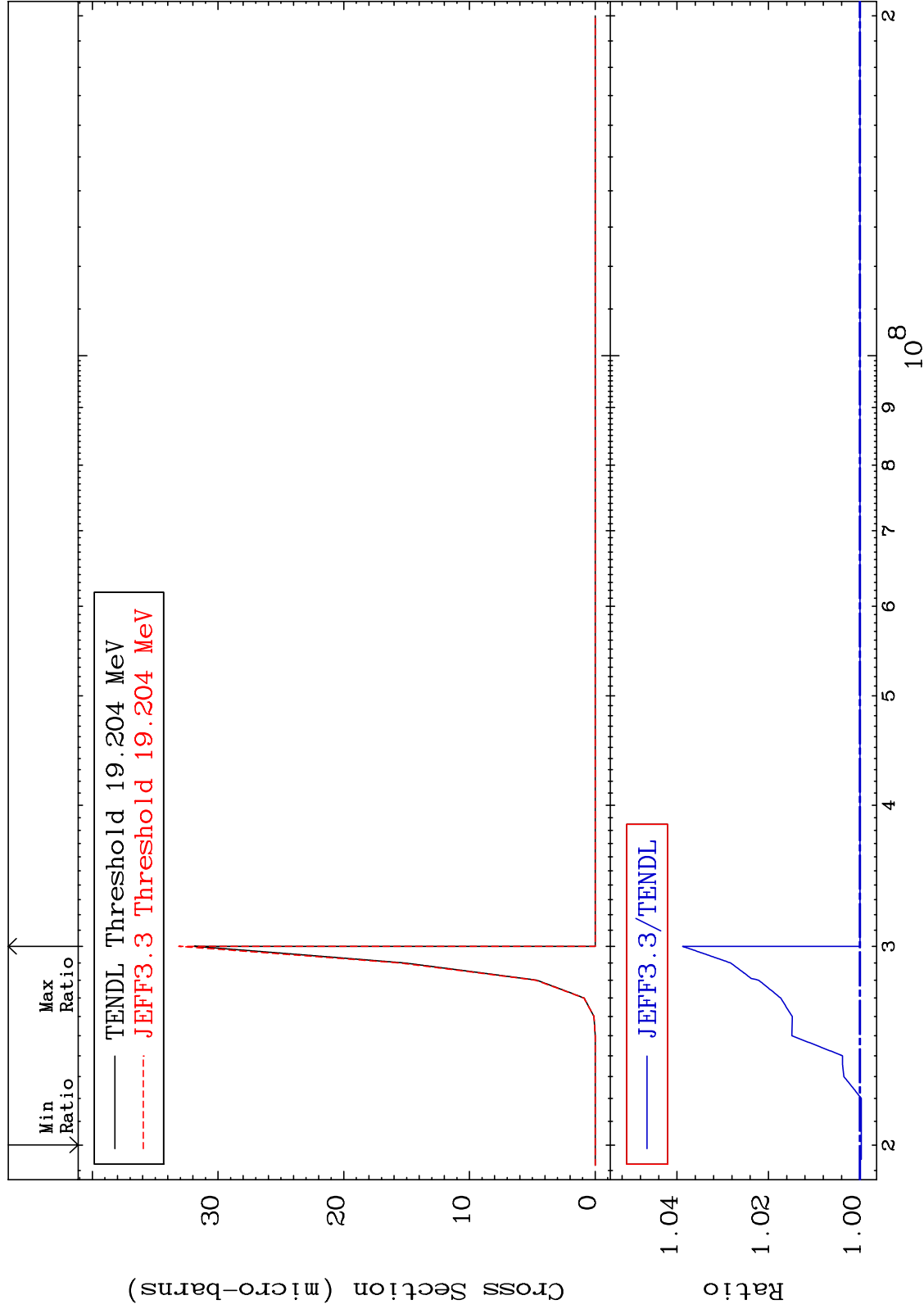
34-Se-76

MAT 3431

(n,n') He-3:32-Ge-73m2

34-Se-76

Radionuclide Production Cross Section -0.032 To 3.877 %



80

Incident Energy (eV)

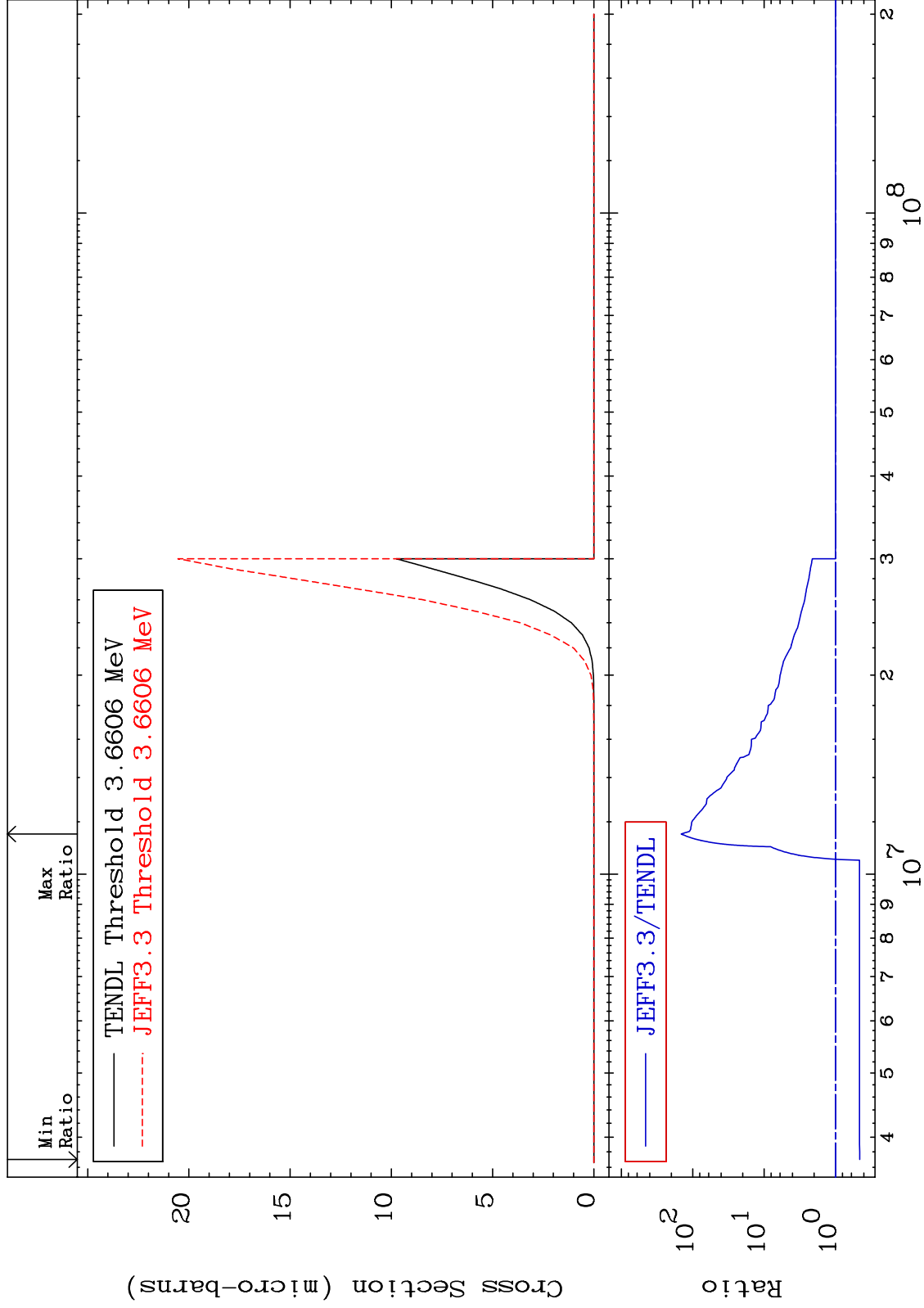
34-Se-76

MAT 3431

(n,2α):30-Zn-69g

34-Se-76

Radionuclide Production Cross Section -54.27 To 9999. %

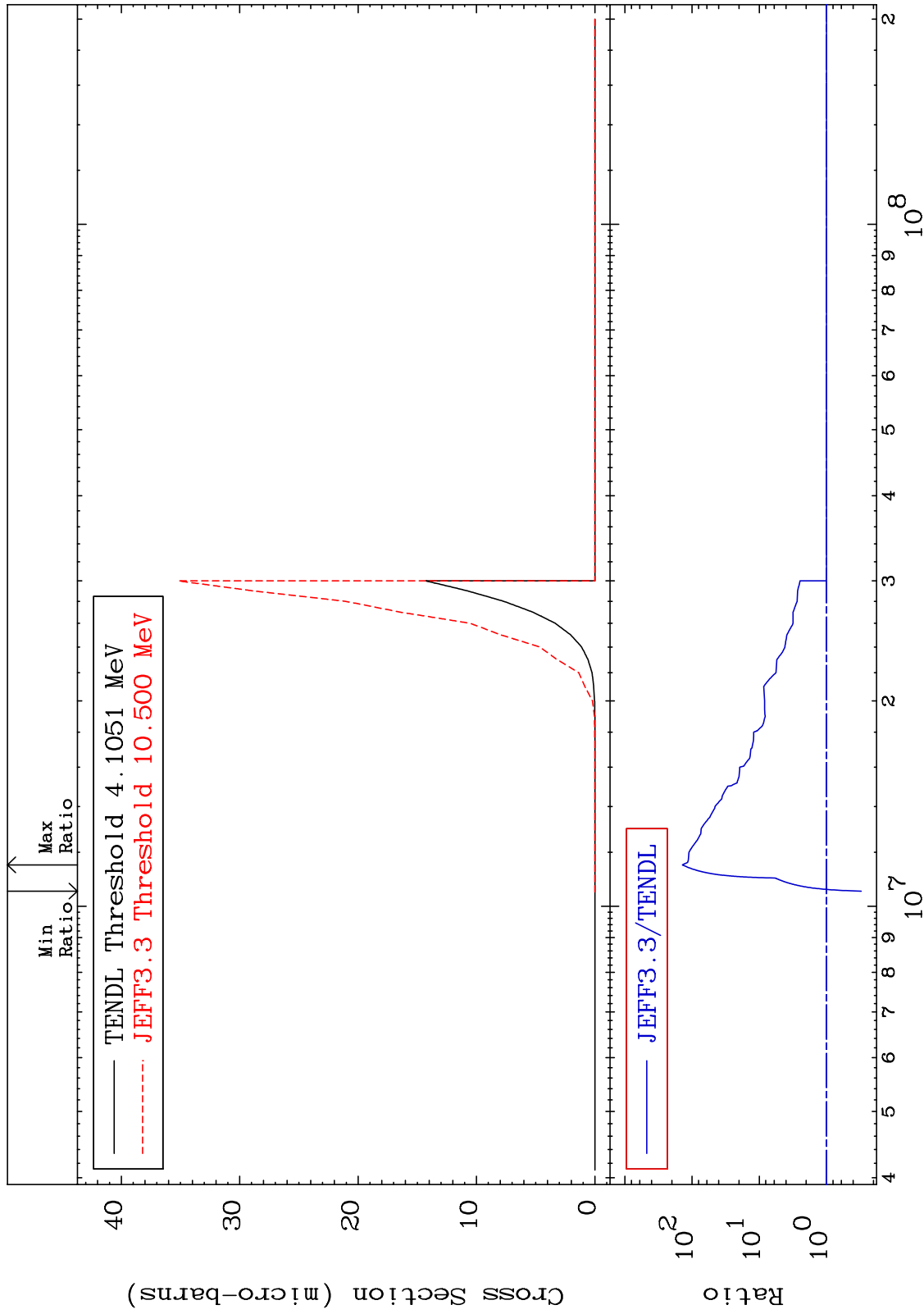


MAT 3431

(n,2α):30-Zn-69m1

34-Se-76

Radionuclide Production Cross Section -69.67 To 9999. %

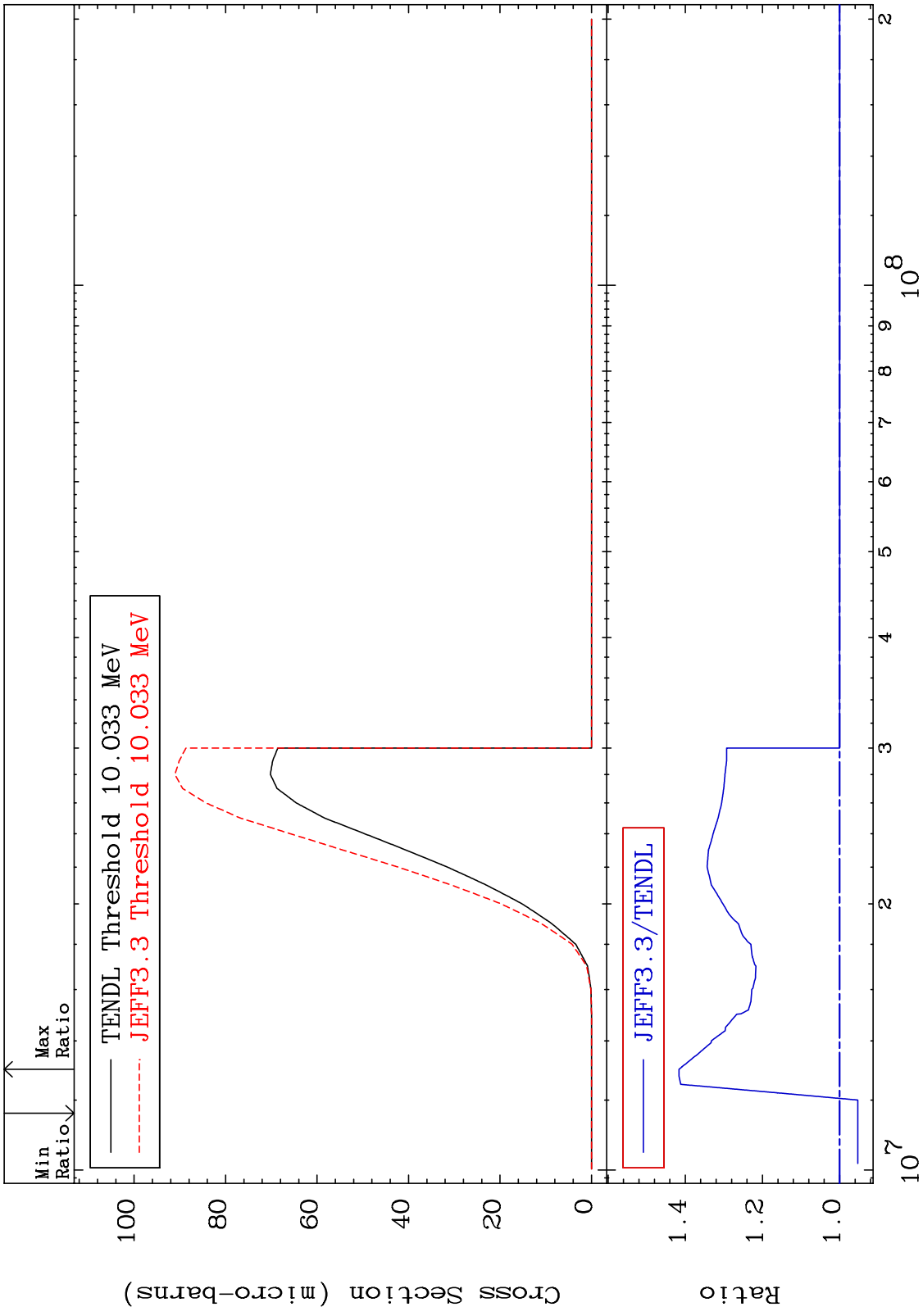


82

Incident Energy (eV)

34-Se-76

MAT 3431 (n,2p):32-Ge-75g 34-Se-76
 Radionuclide Production Cross Section -4.707 To 41.61 %

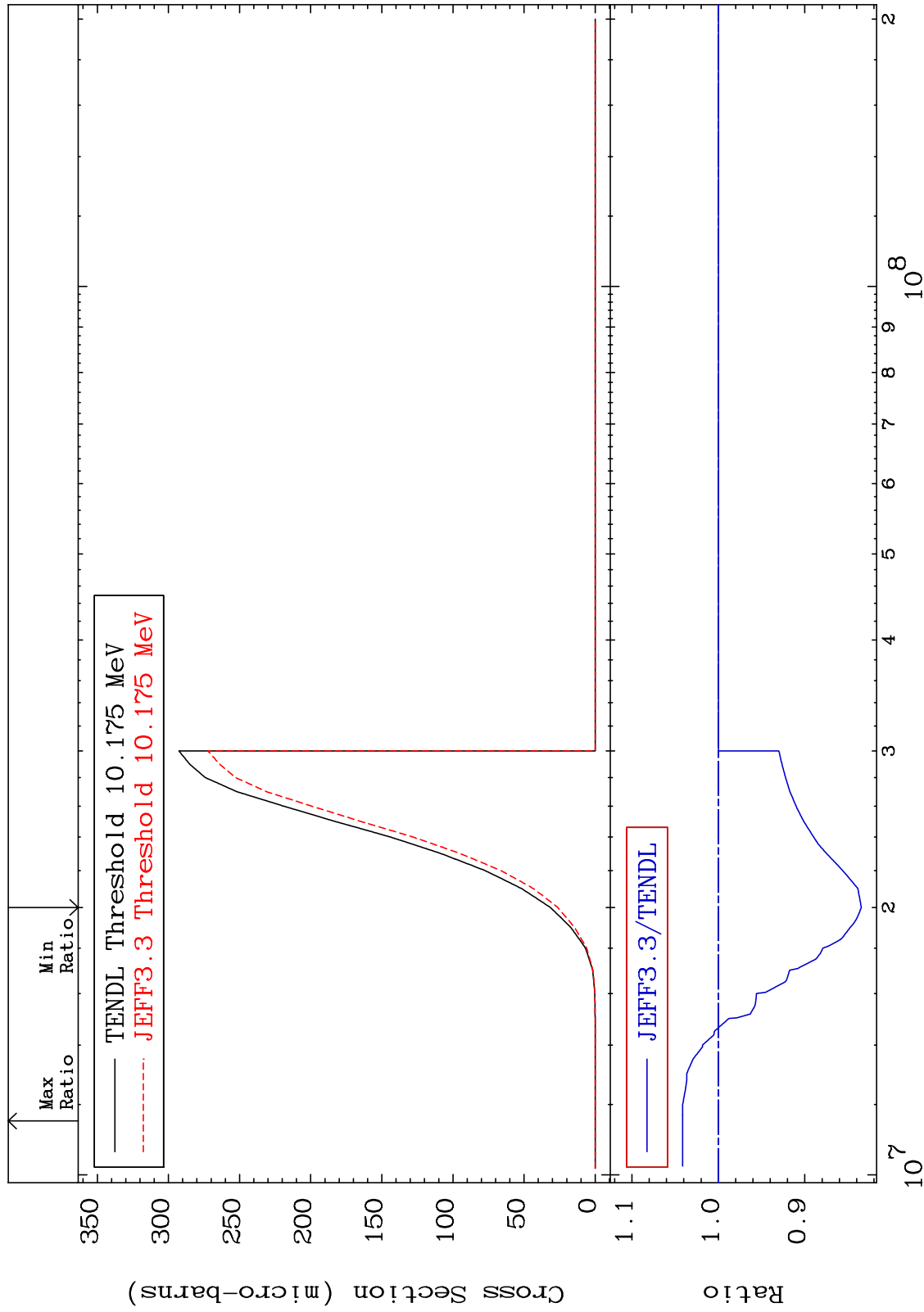


MAT 3431

(n,2p):32-Ge-75m2

34-Se-76

Radionuclide Production Cross Section -16.54 To 4.128 %



84

Incident Energy (eV)

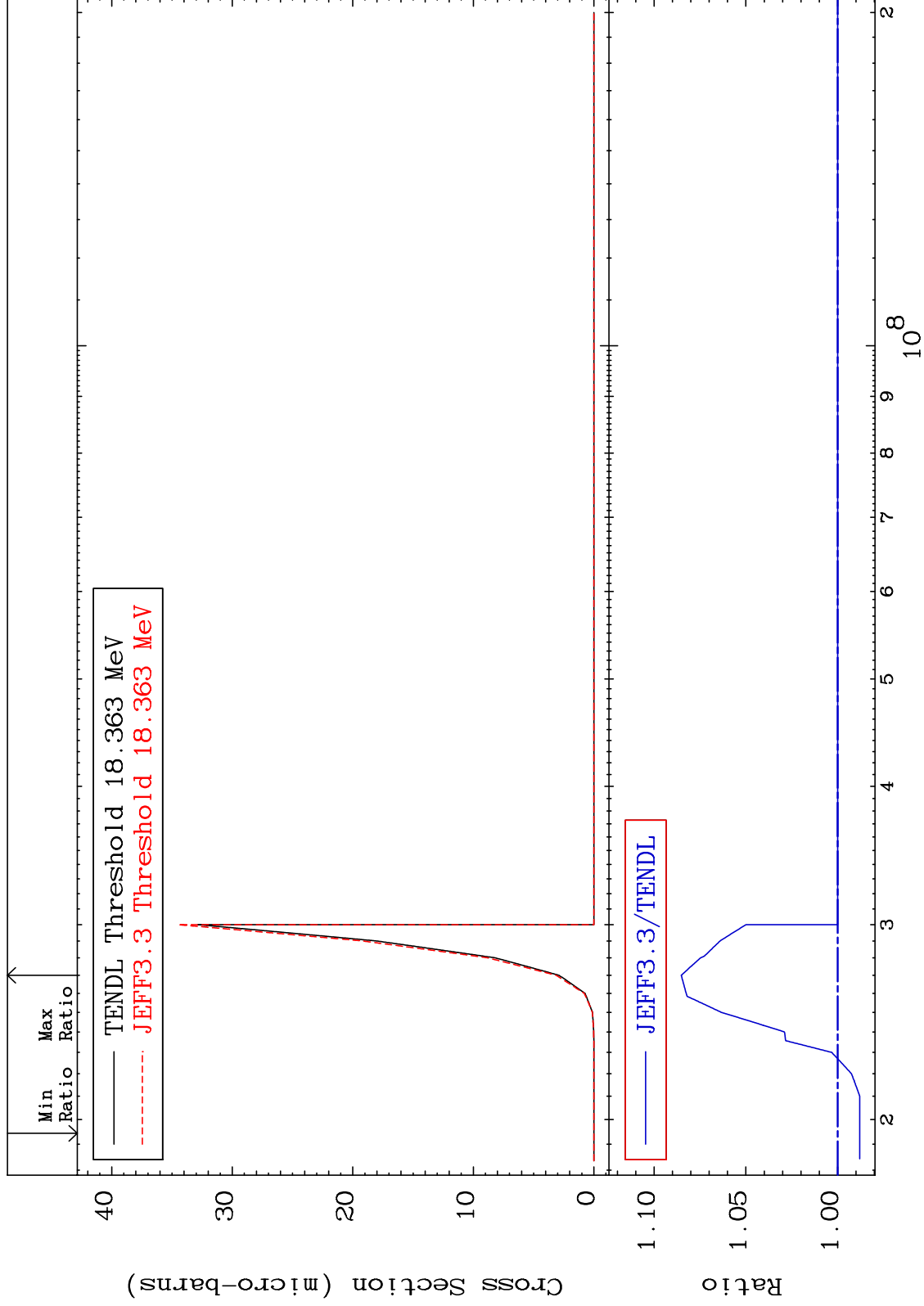
34-Se-76

MAT 3431

(n,p) t:32-Ge-73g

34-Se-76

Radionuclide Production Cross Section -1.208 To 8.525 %



85

Incident Energy (eV)

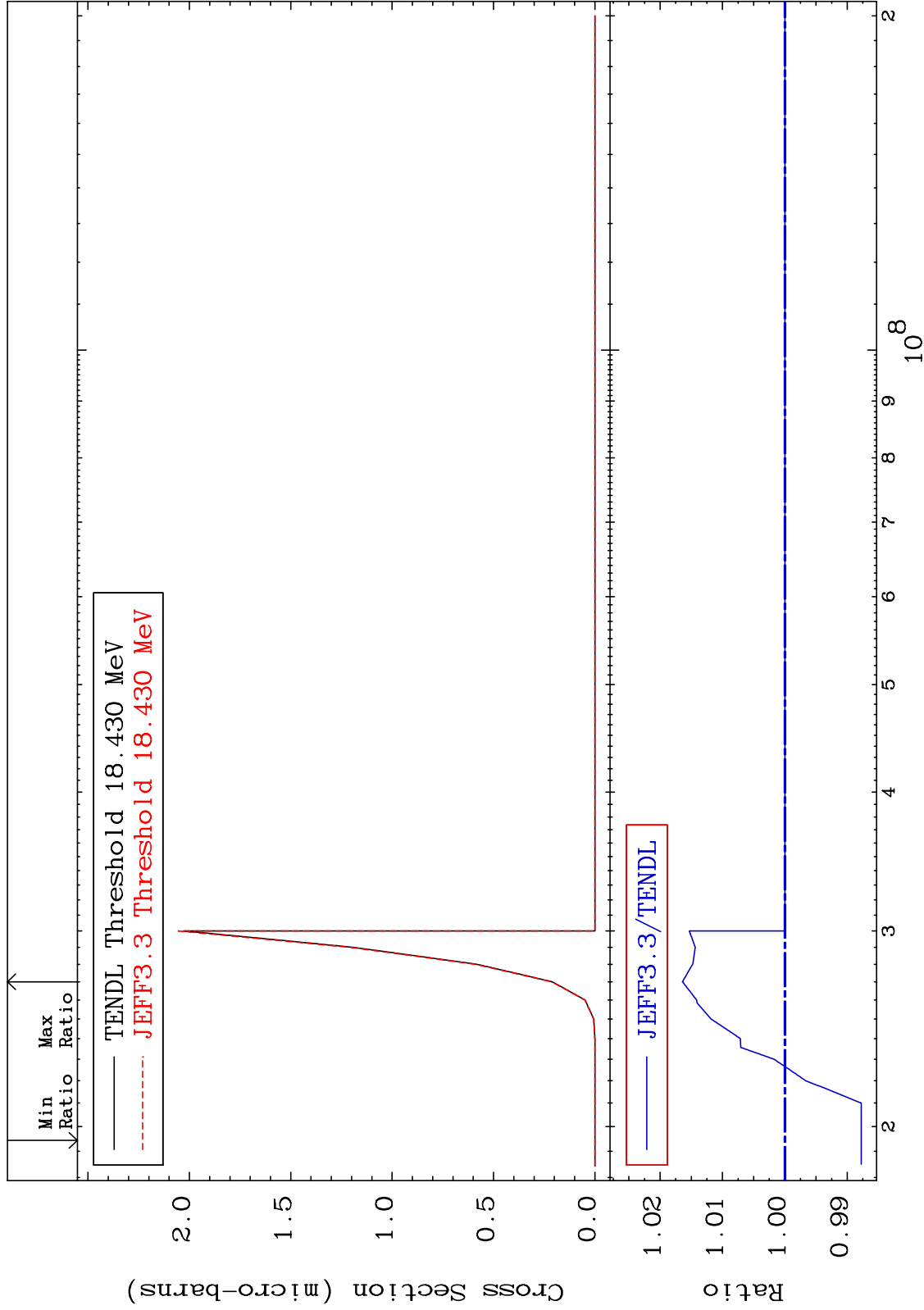
34-Se-76

MAT 3431

(n,p) t:32-Ge-73m2

34-^{Se}-76

Radionuclide Production Cross Section -1.225 To 1.642 %



86

Incident Energy (eV)

34-^{Se}-76