

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

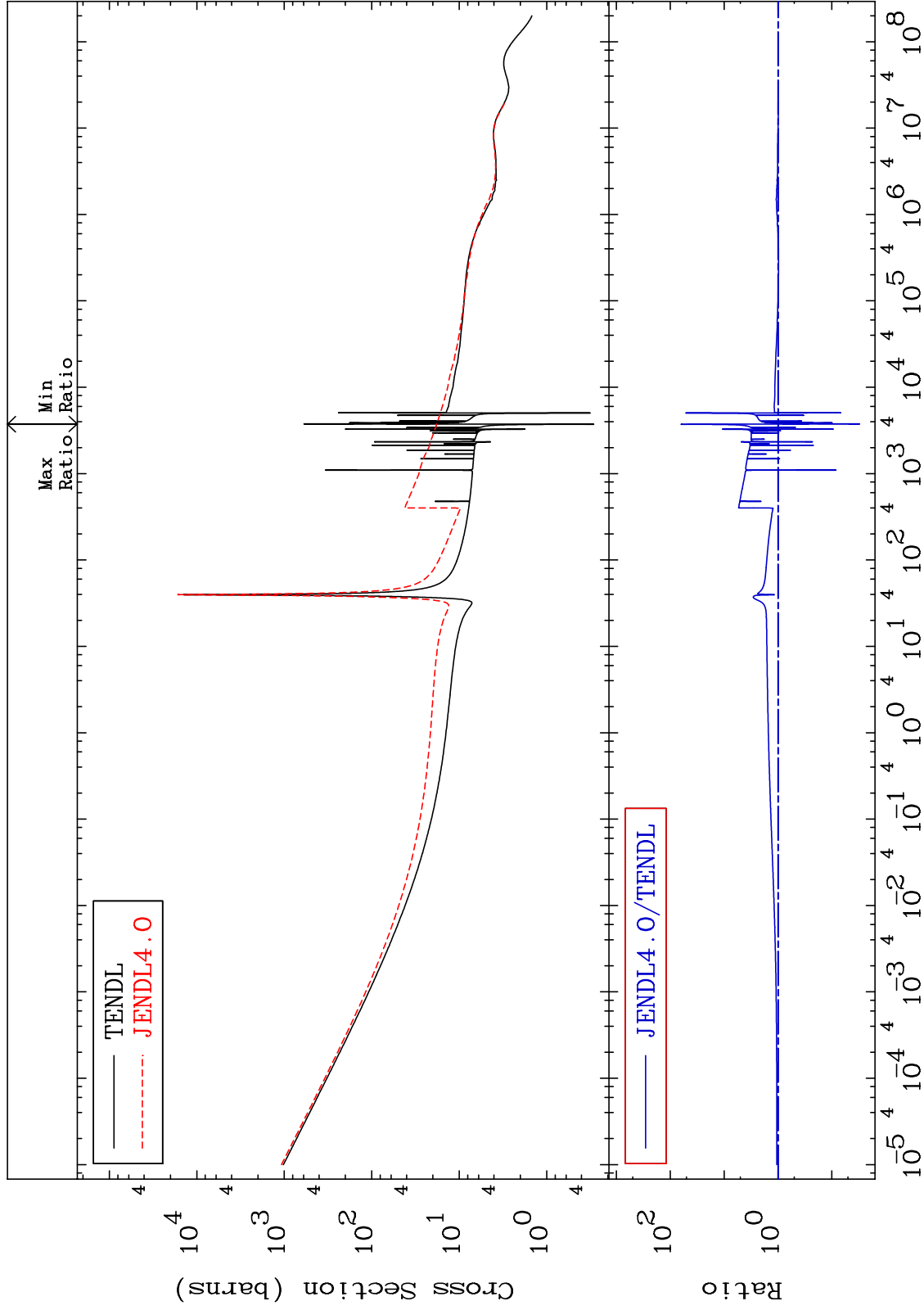
MAT 3637

Total

36-Kr-82

Cross Section

-96.97 To 6162. %



1

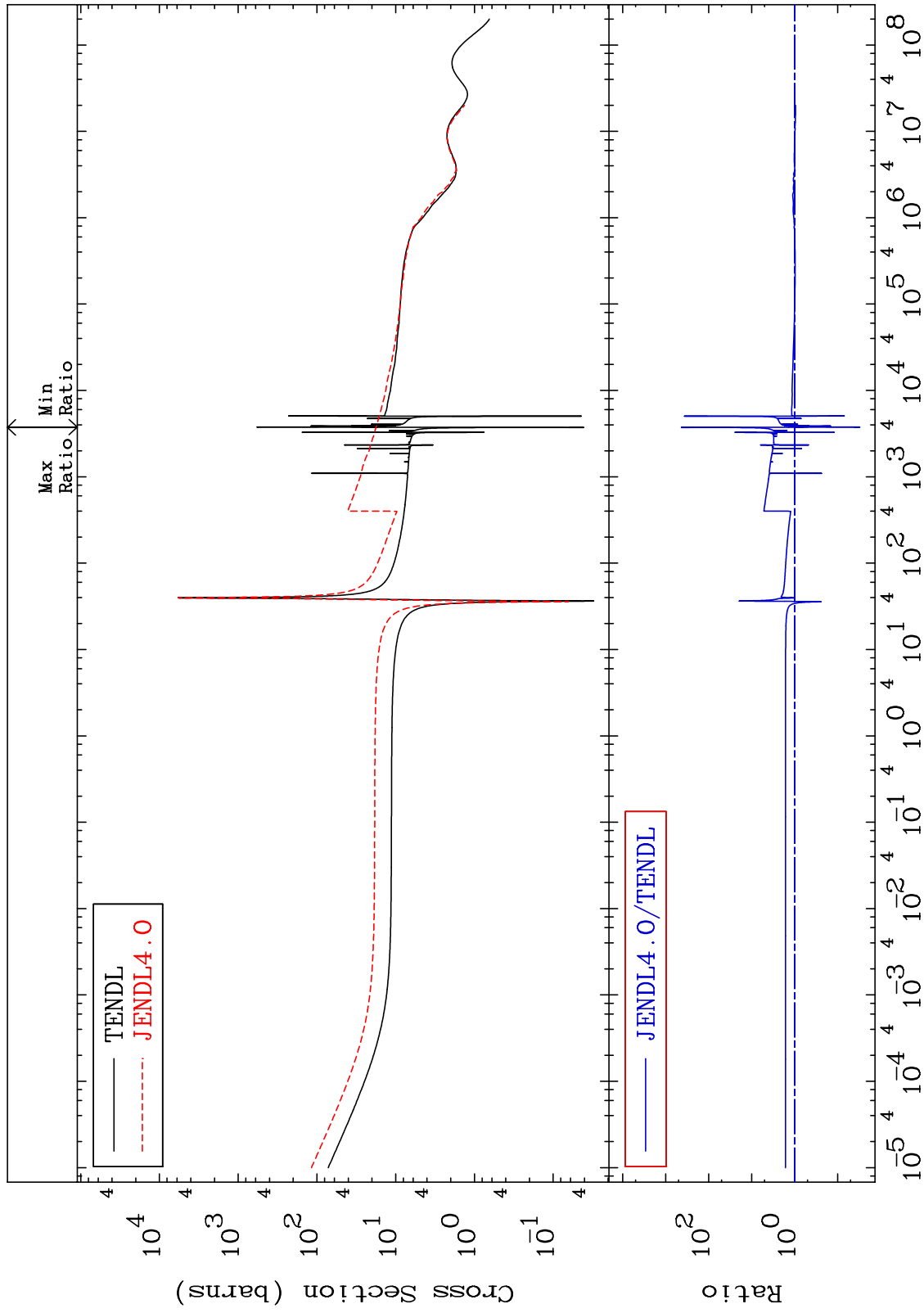
Incident Energy (eV)

36-Kr-82

MAT 3637

Elastic  
Cross Section

36-Kr-82  
-96.93 To 9999. %

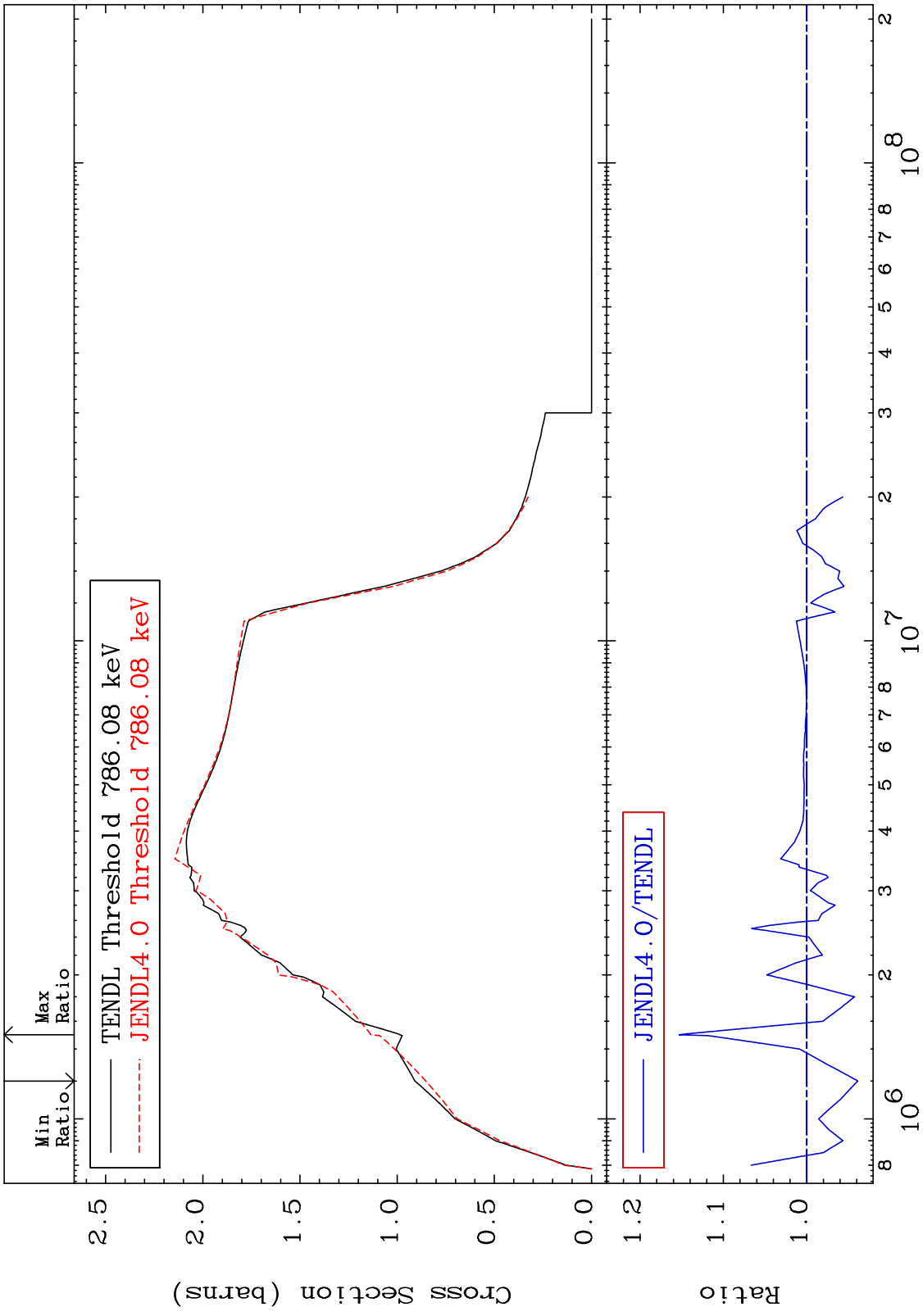


2

Incident Energy (eV)

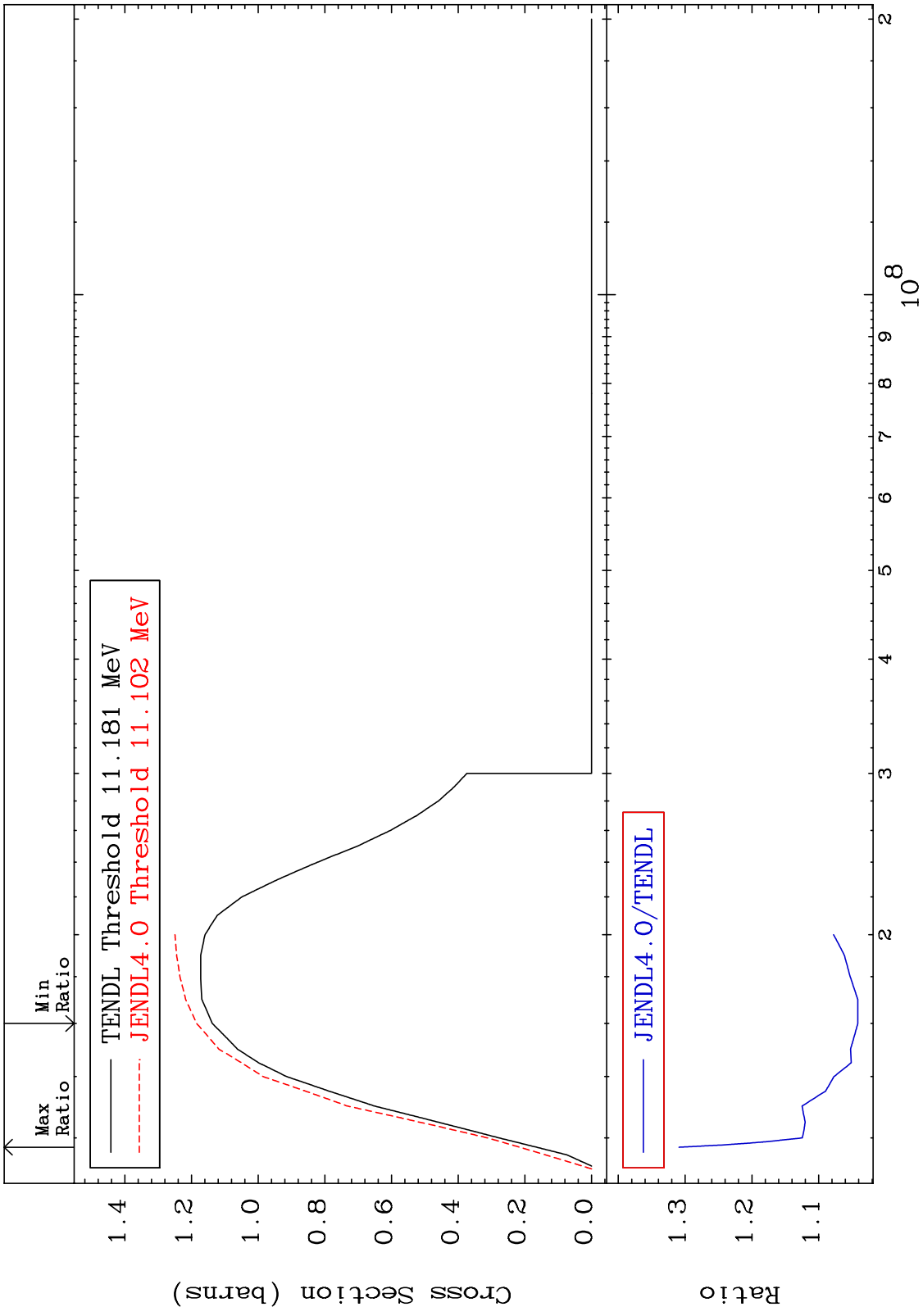
36-Kr-82

MAT 3637 Inelastic Cross Section 36-Kr-82 -6.139 To 15.33 %



36-Kr-82

MAT 3637 (n,2n) Cross Section 36-Kr-82 To 30.91 %  
 4.140



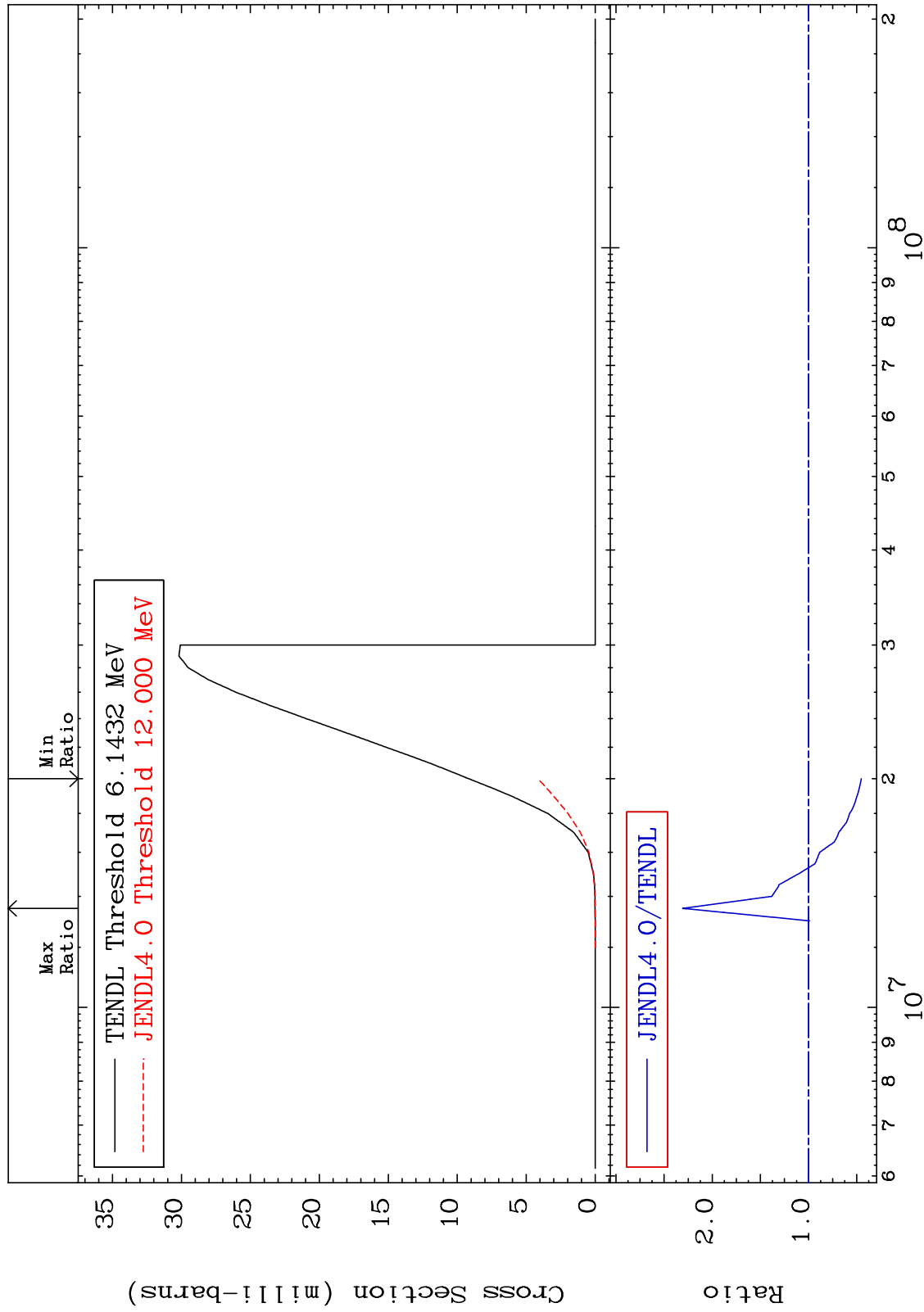
MAT 3637

(n,n')  $\alpha$

36-Kr-82

Cross Section

-54.76 To 130.7 %

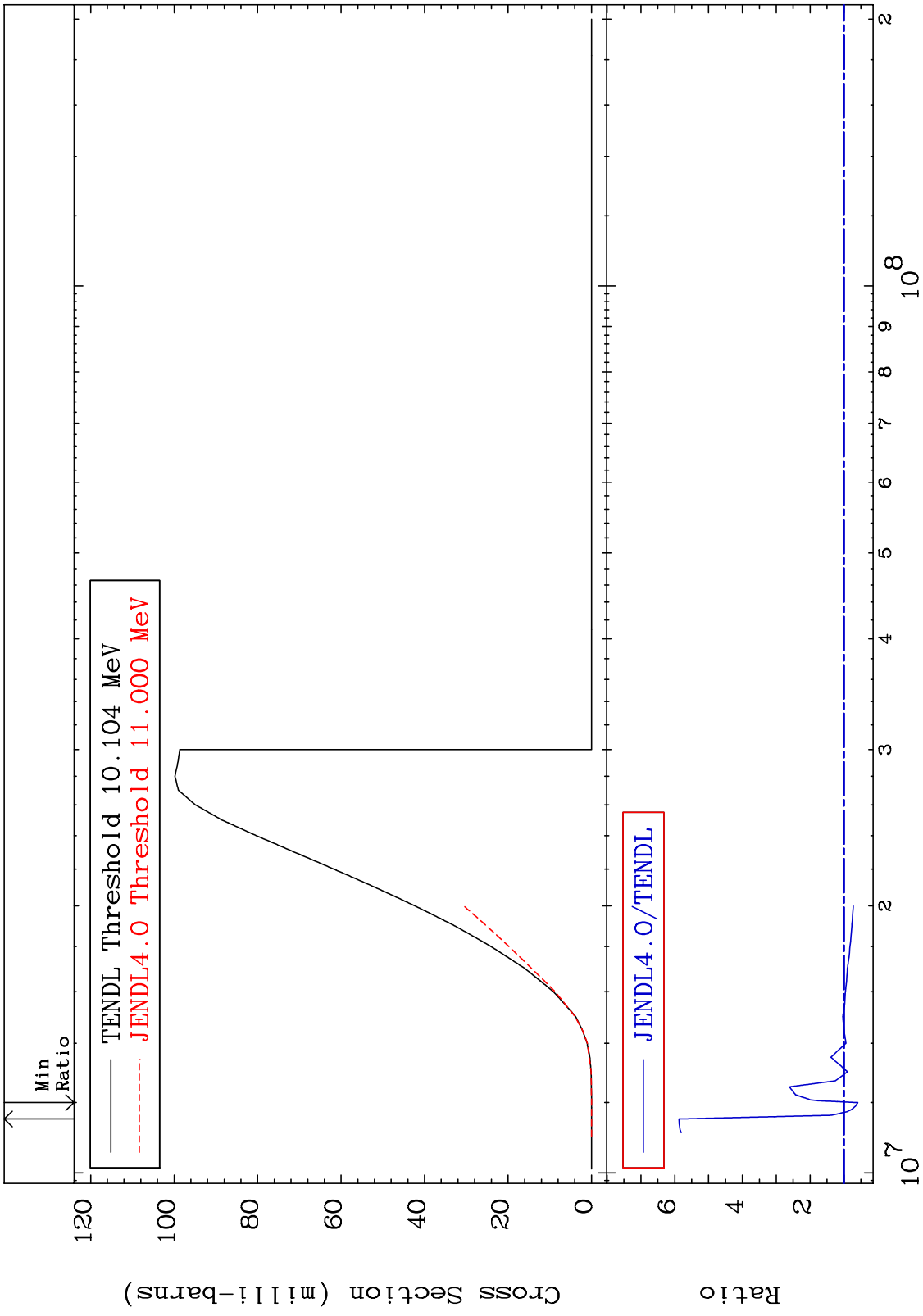


5

Incident Energy (eV)

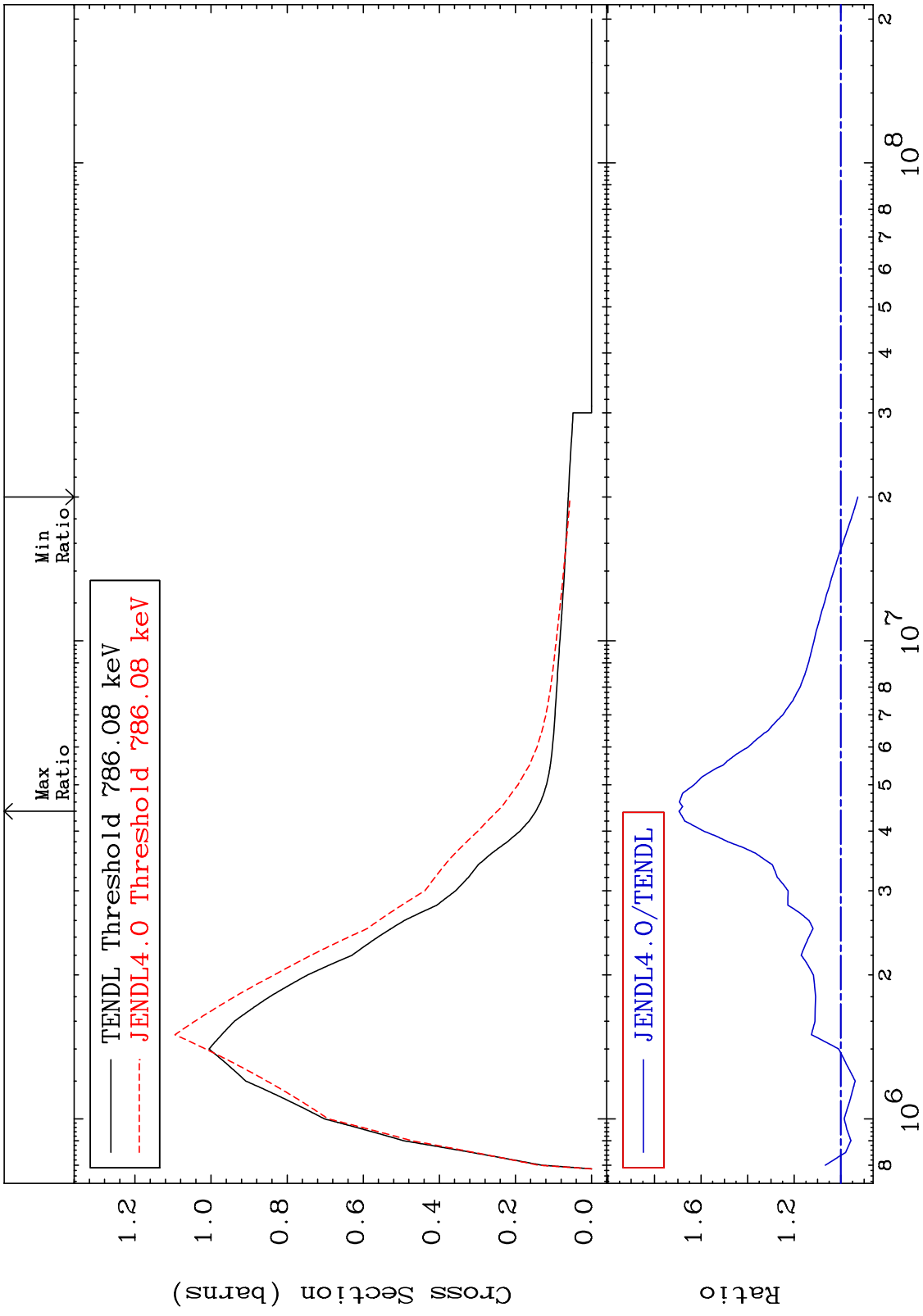
36-Kr-82

MAT 3637 (n,n') p 36-Kr-82  
Cross Section -41.05 To 487.2 %



Incident Energy (eV) 36-Kr-82

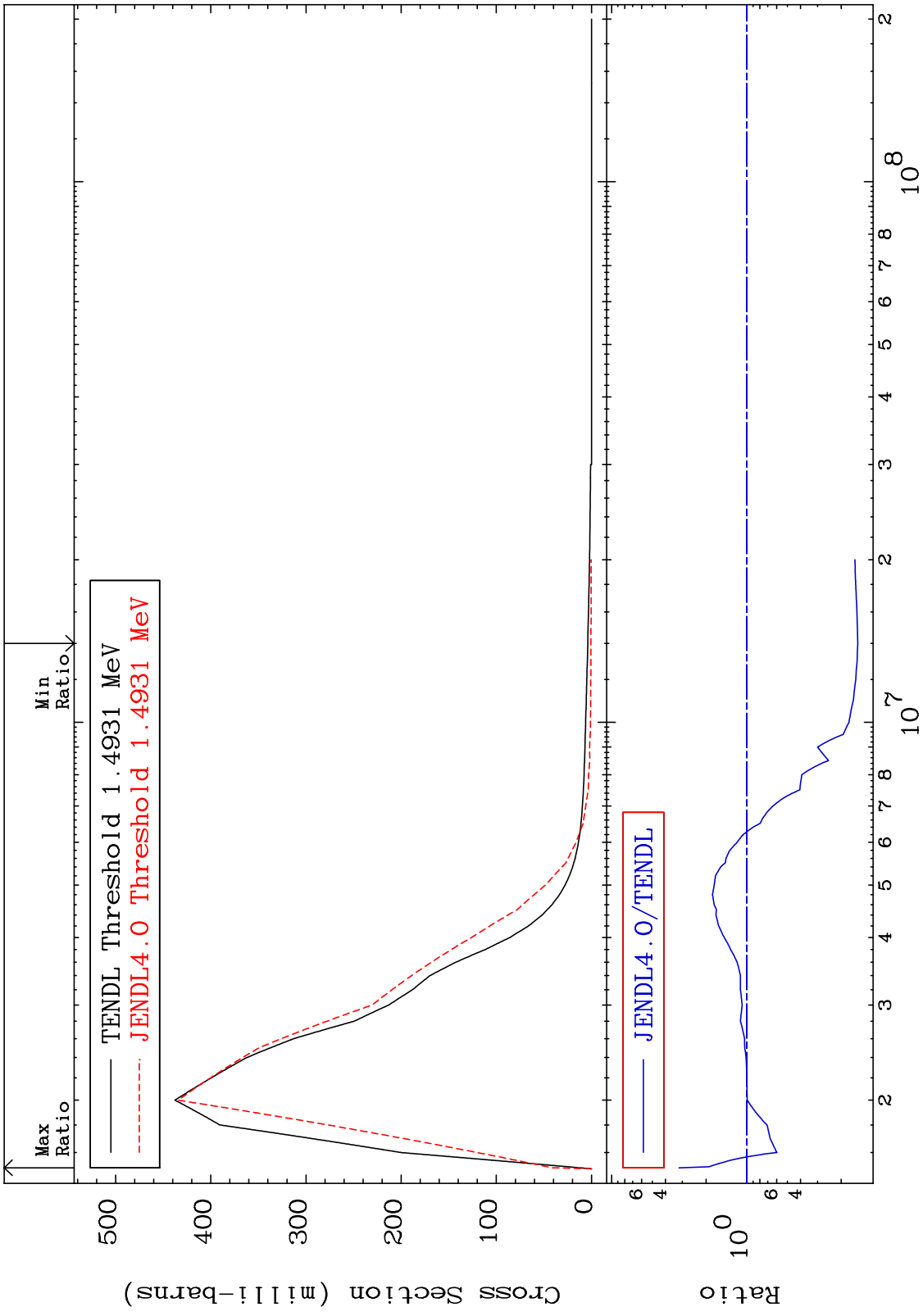
MAT 3637 MT= 51 (n,n') Level Cross Section -7.306 To 69.46 % 36-Kr-82



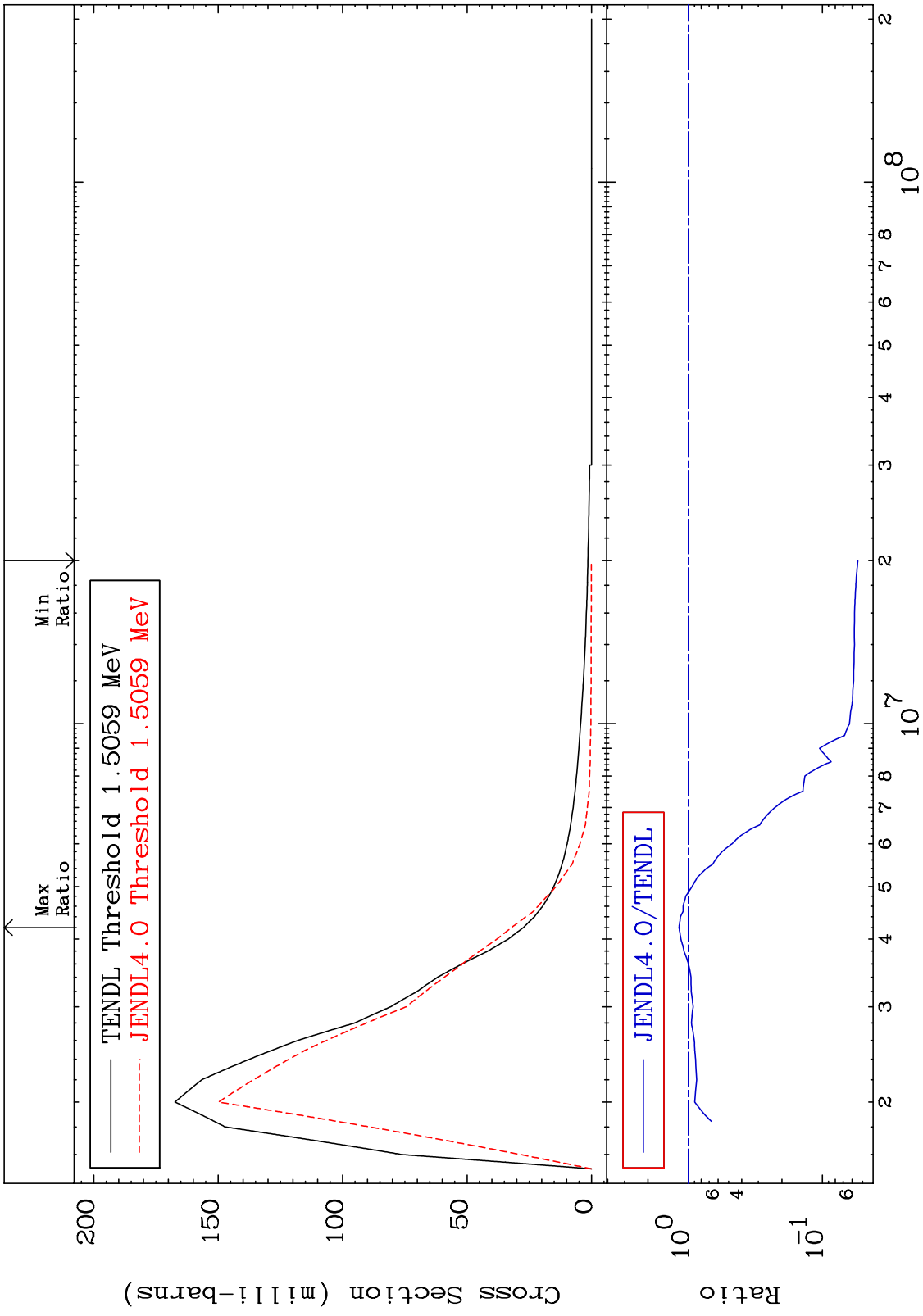
36-Kr-82



MAT 3637 MT= 52 (n,n') Level Cross Section -84.92 To 217.3 % 36-Kr-82



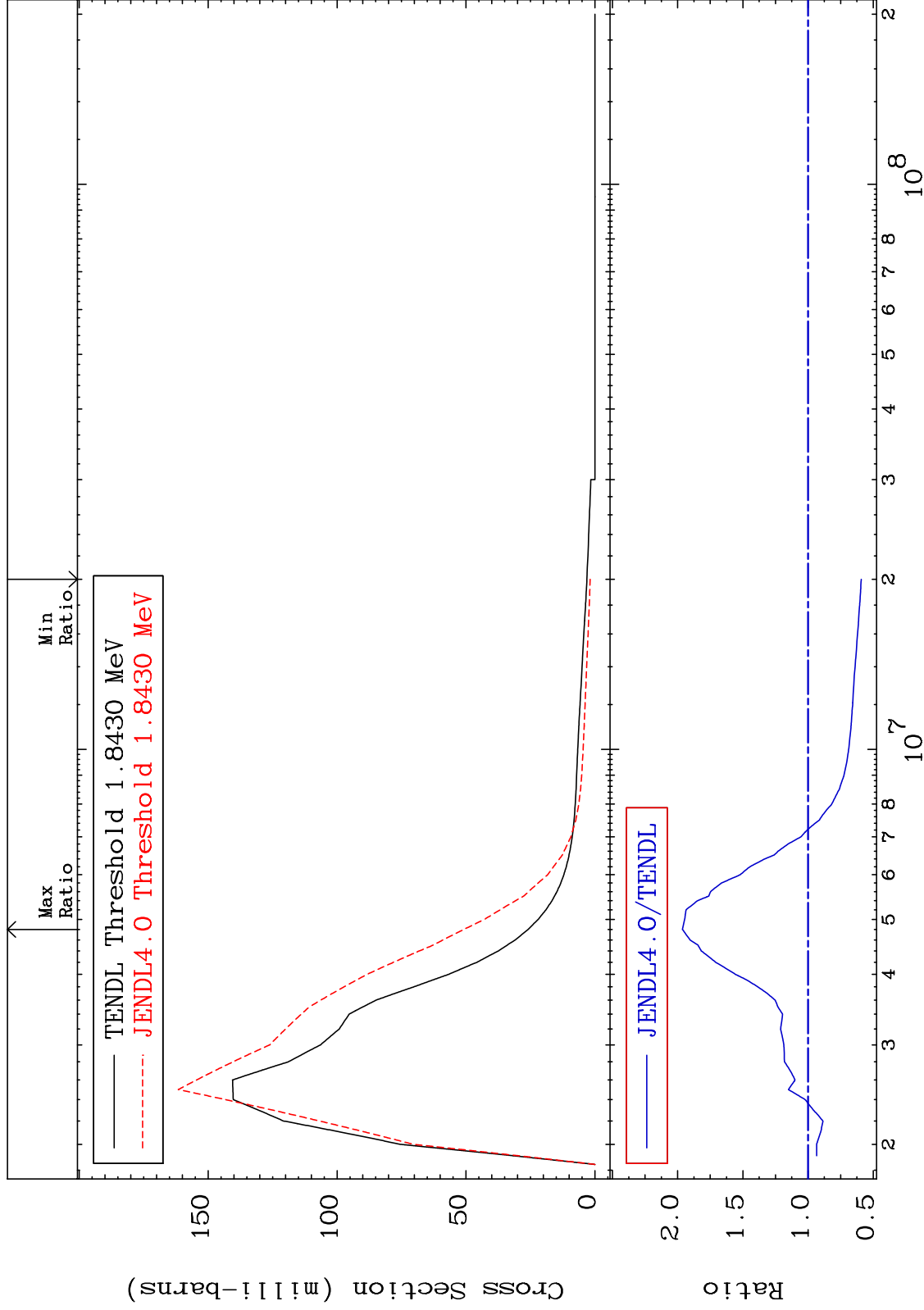
MAT 3637 MT= 53 (n,n') Level Cross Section 36-Kr-82  
 -94.57 To 17.39 %



MAT 3637

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

36-Kr-82  
-40.88 To 96.34 %

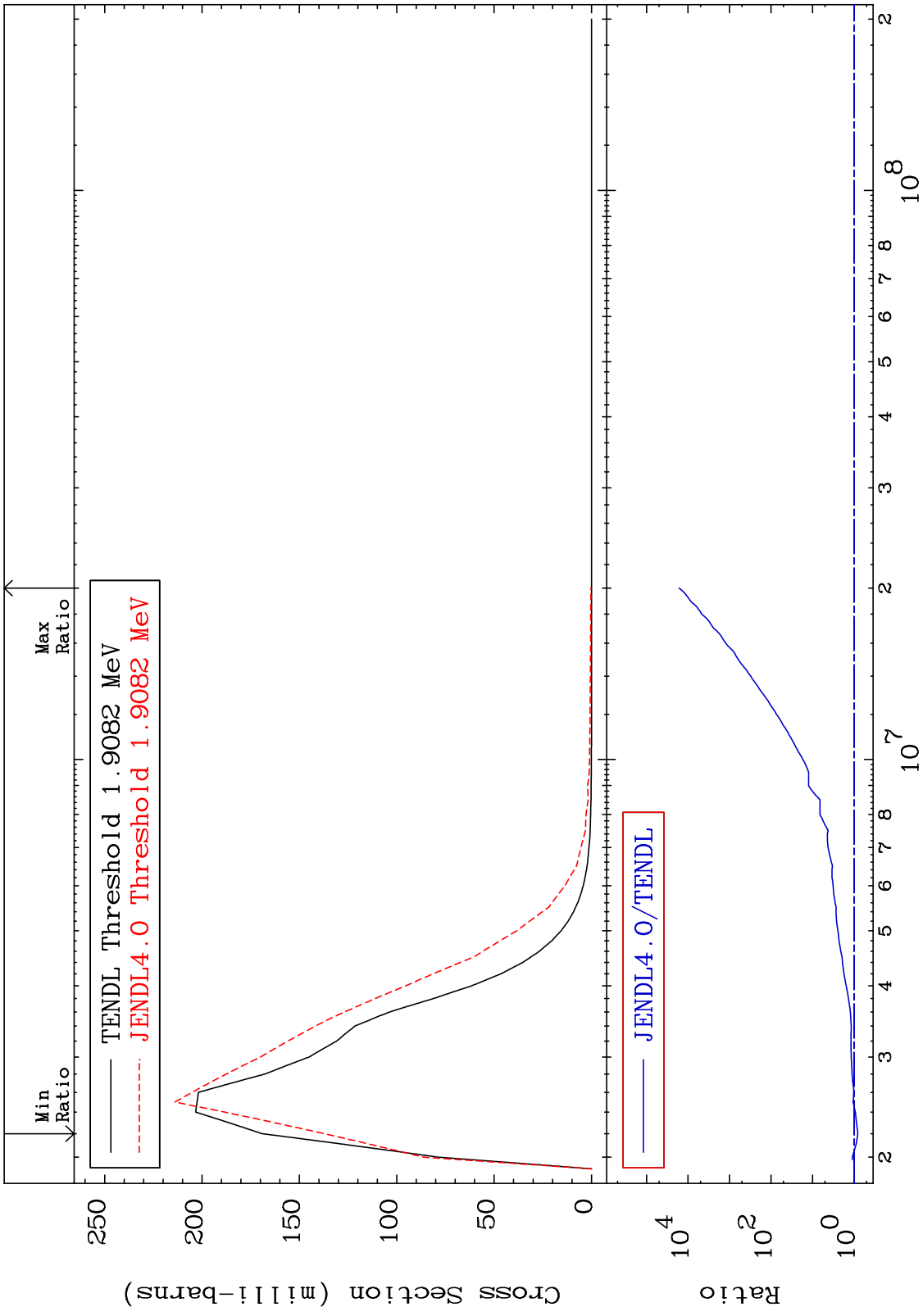


10

Incident Energy (eV)

36-Kr-82

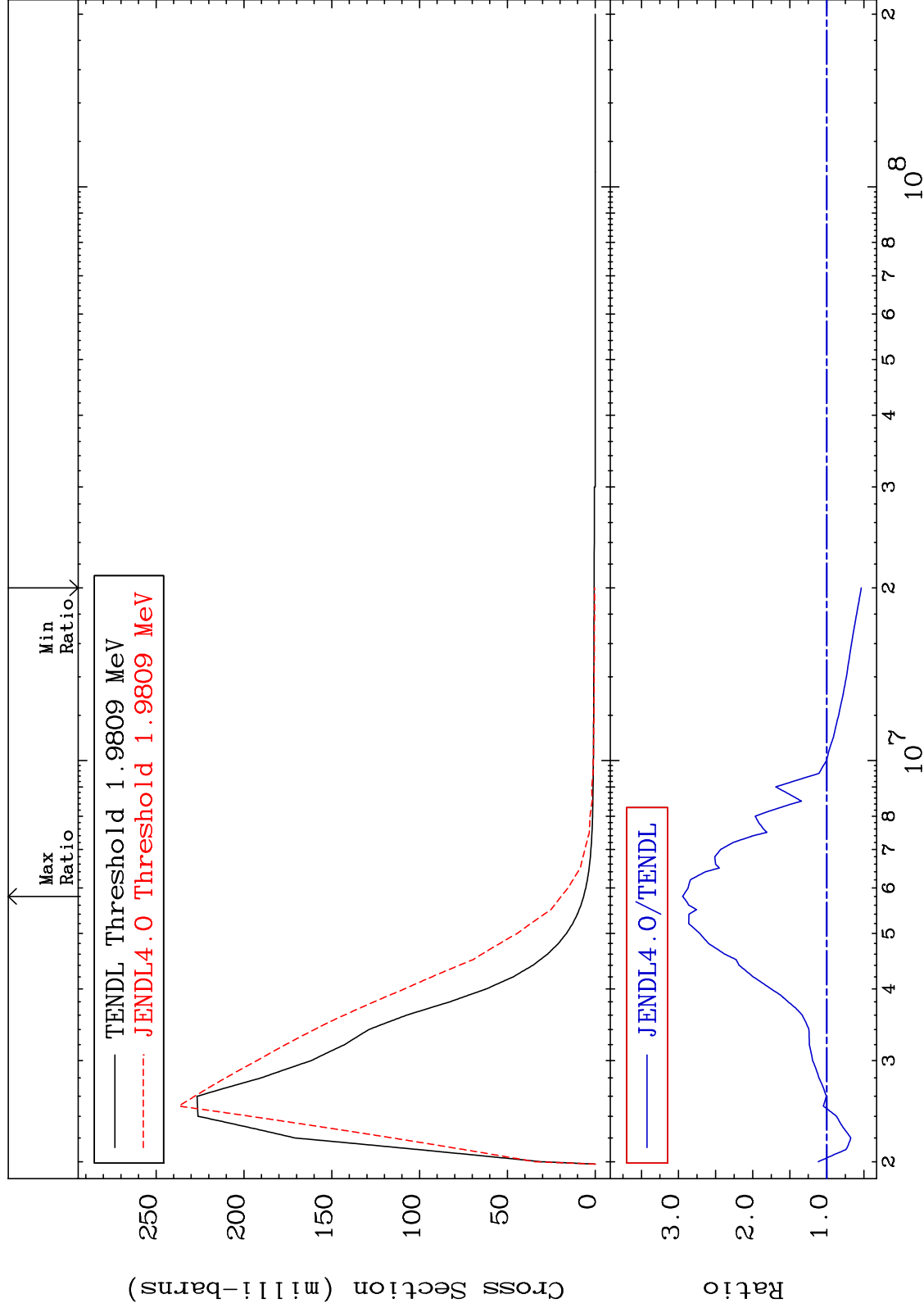
MAT 3637 MT= 55 (n,n') Level Cross Section -18.87 To 9999. % 36-Kr-82



MAT 3637

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

36-Kr-82  
-46.54 To 194.4 %

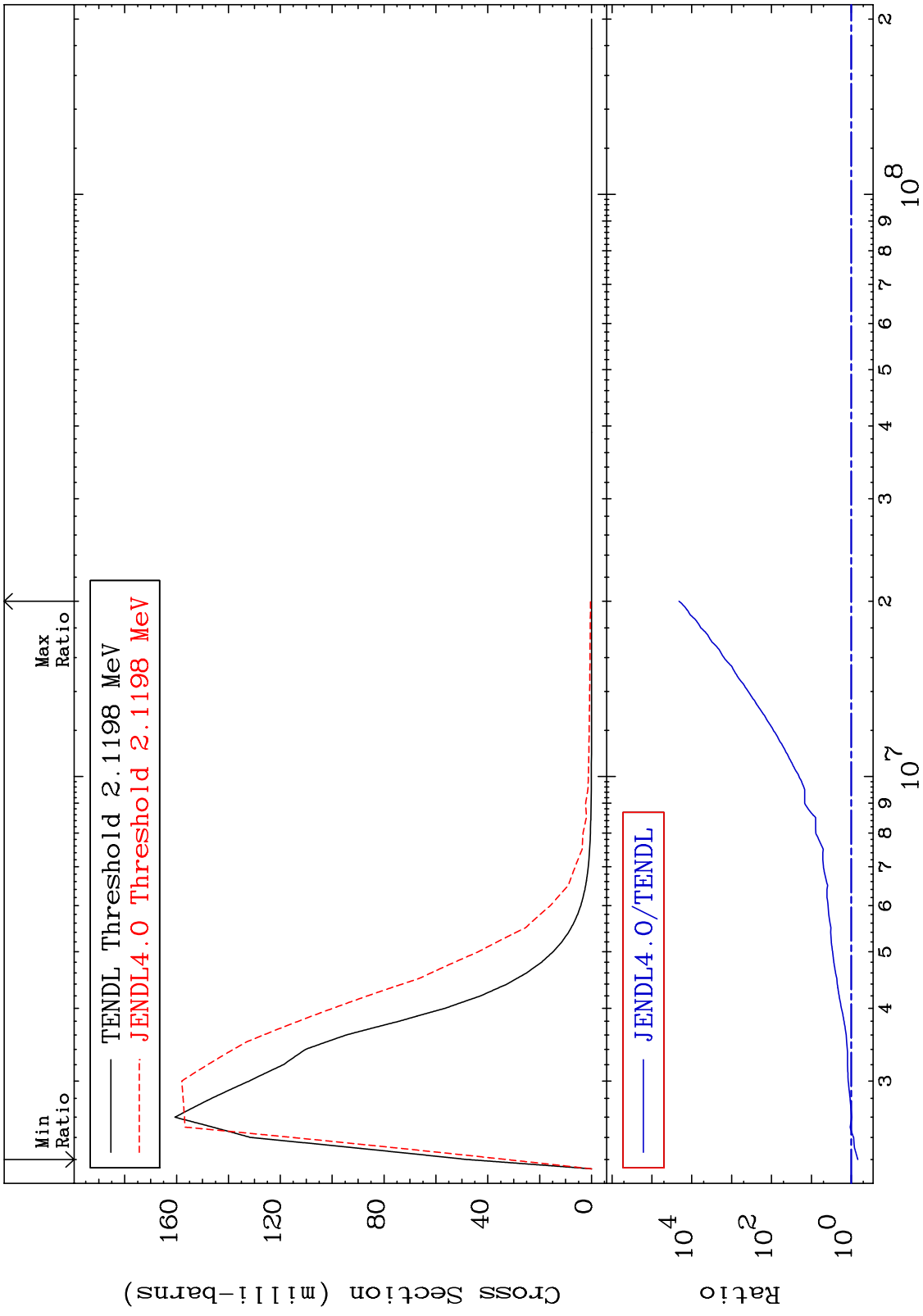


12

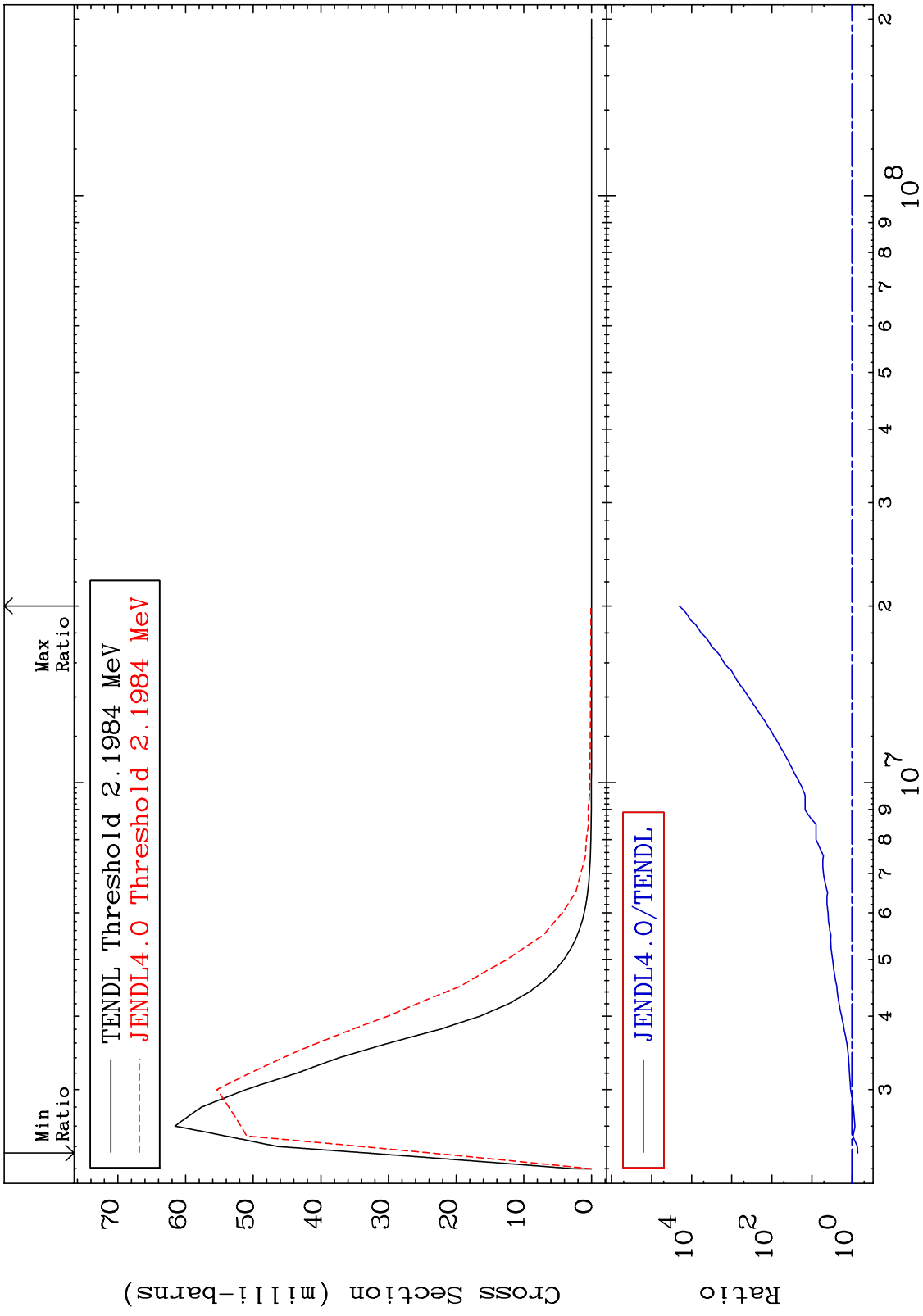
Incident Energy (eV)

36-Kr-82

MAT 3637 MT= 57 (n,n') Level Cross Section -31.47 To 9999. % 36-Kr-82



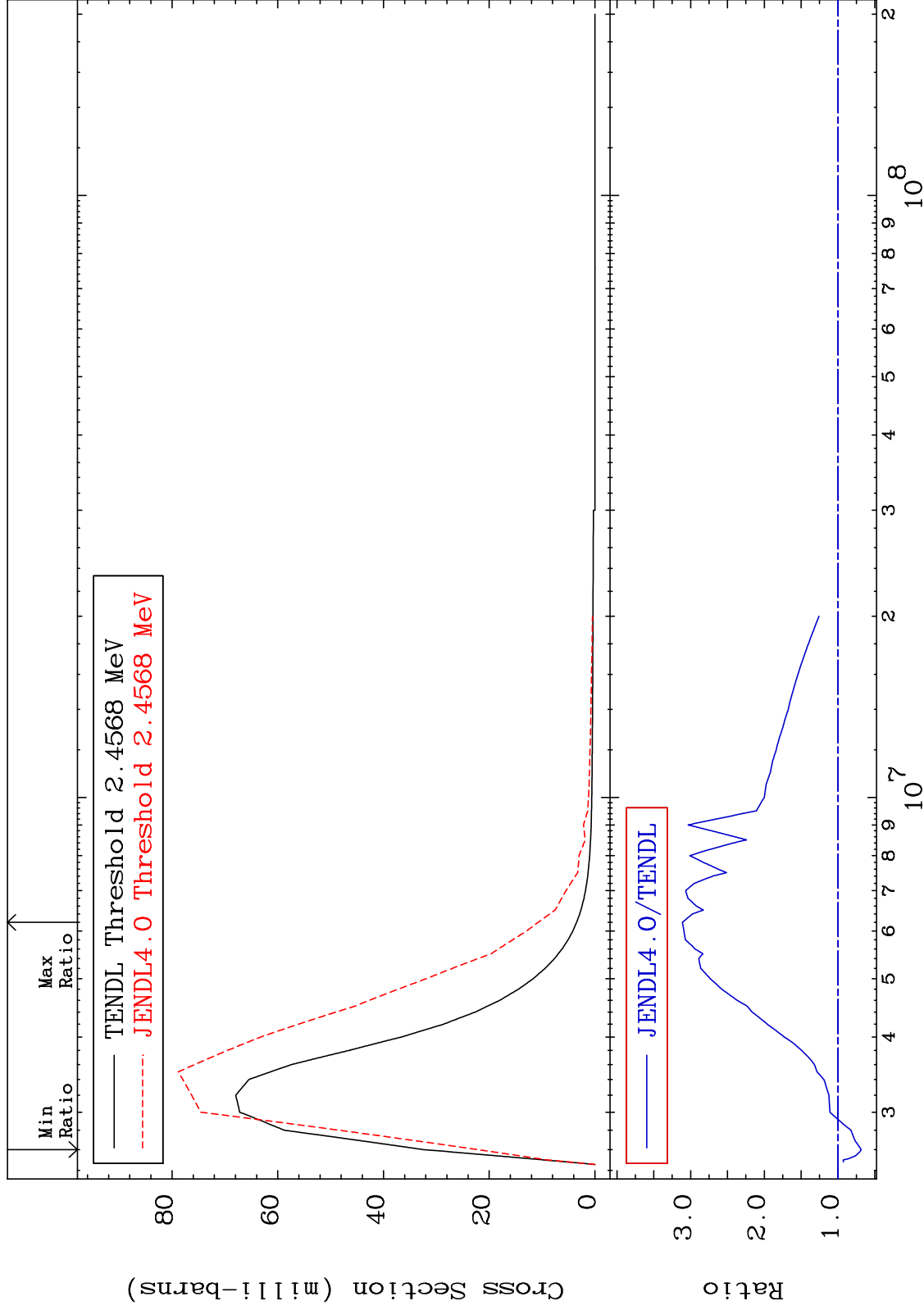
MAT 3637 MT= 58 (n,n') Level Cross Section 36-Kr-82  
 -28.37 To 9999. %



MAT 3637

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

36-Kr-82  
-31.62 To 211.1 %

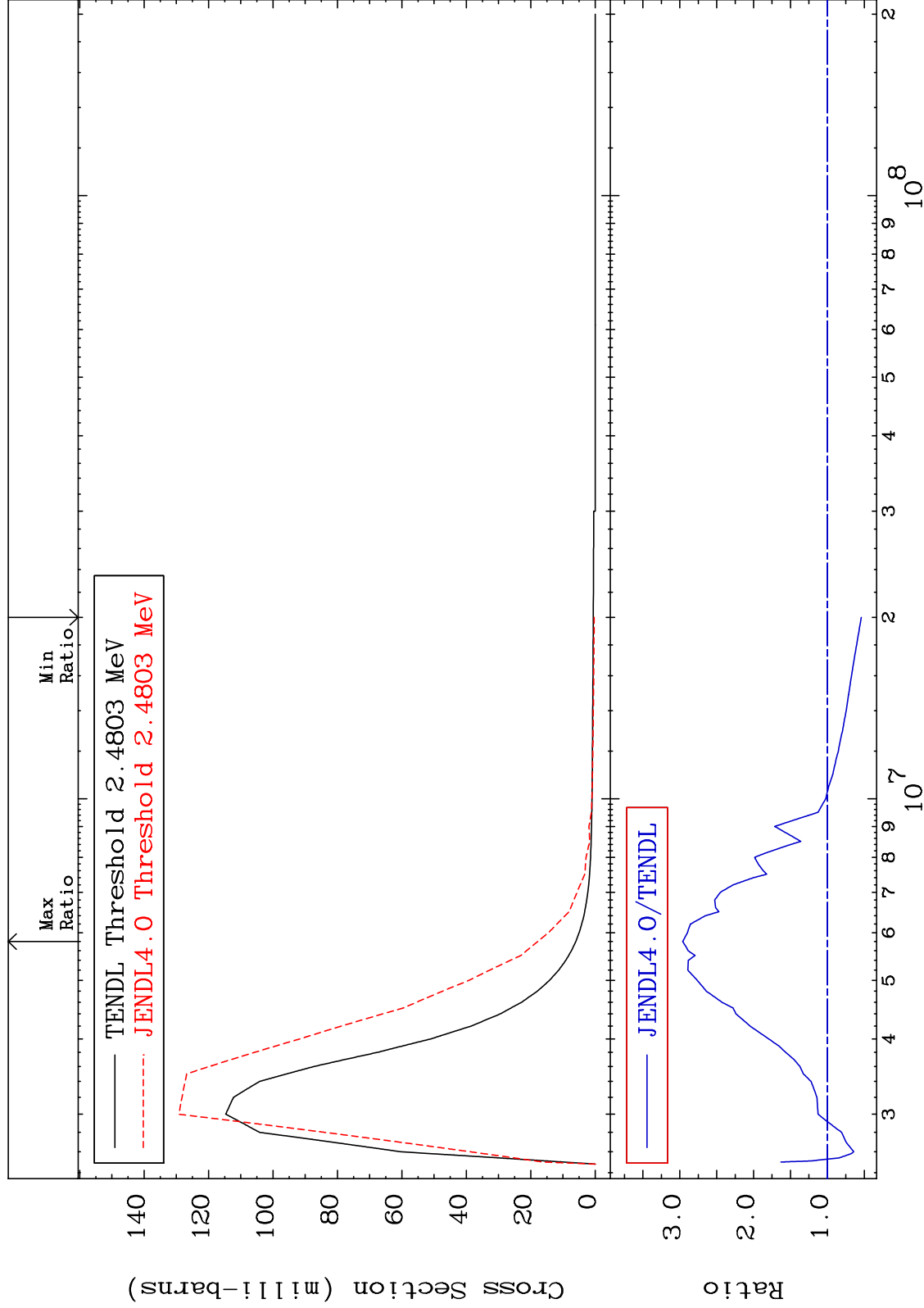




MAT 3637

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

36-Kr-82  
-46.05 To 196.1 %



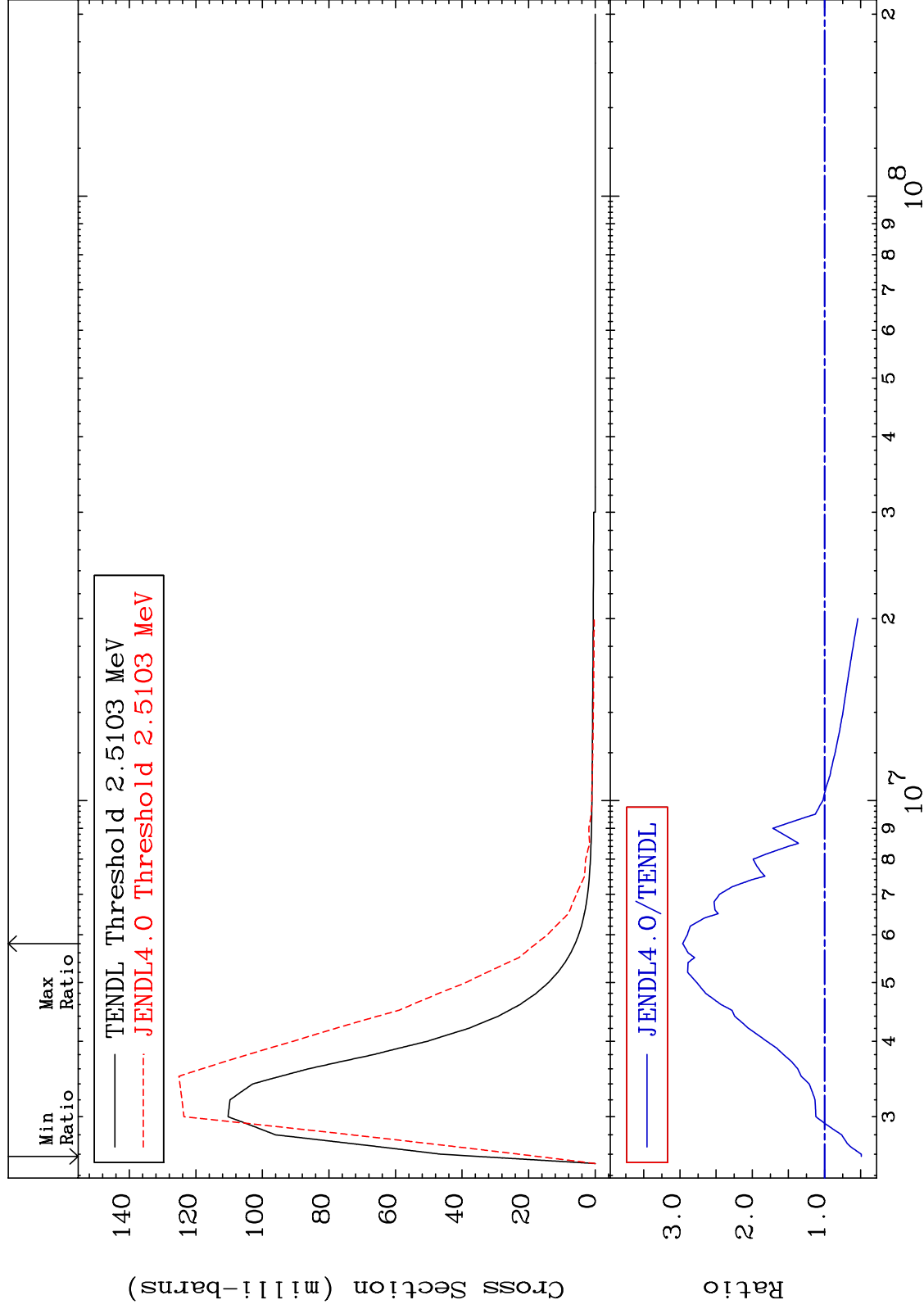
16

36-Kr-82

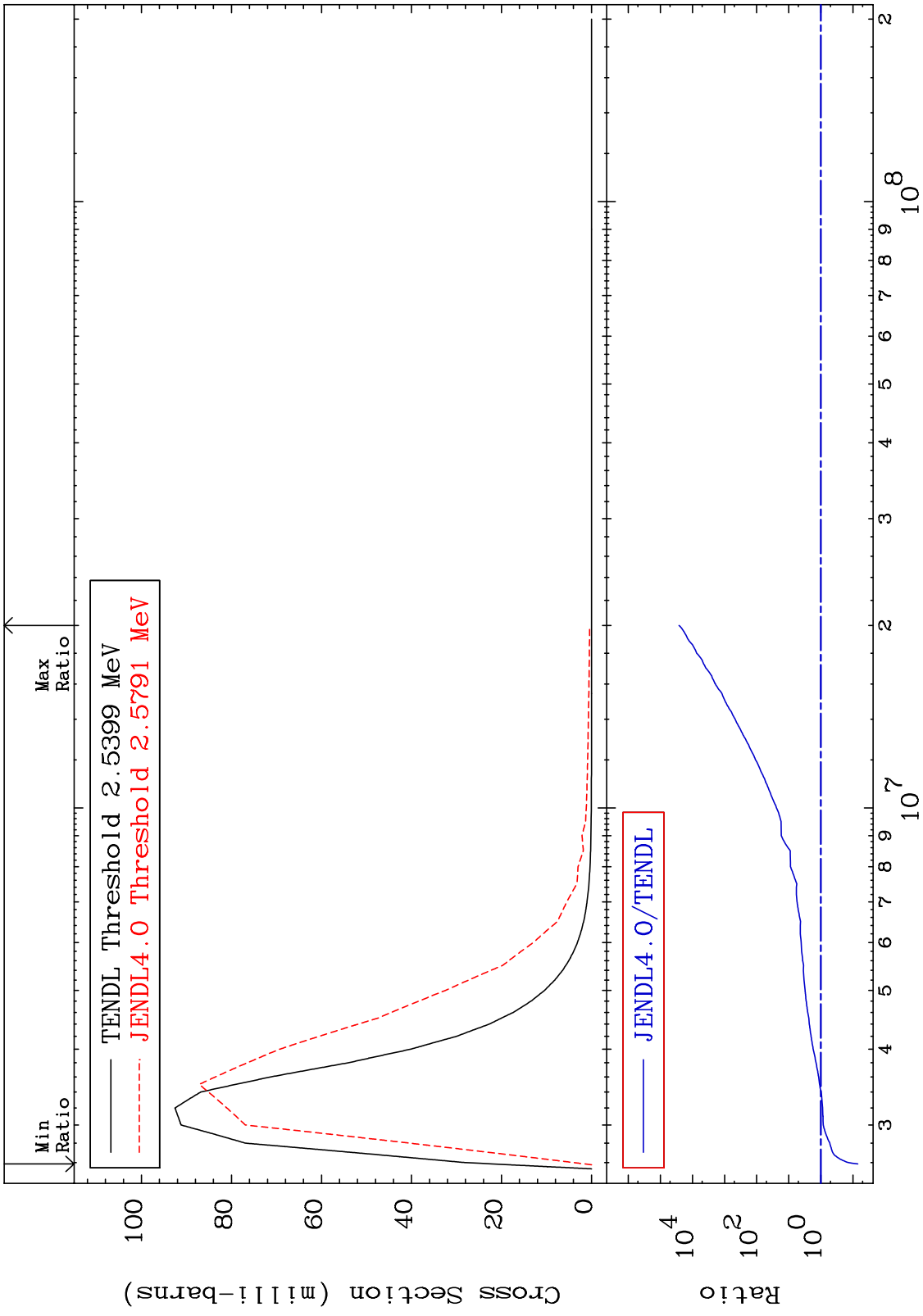
MAT 3637

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

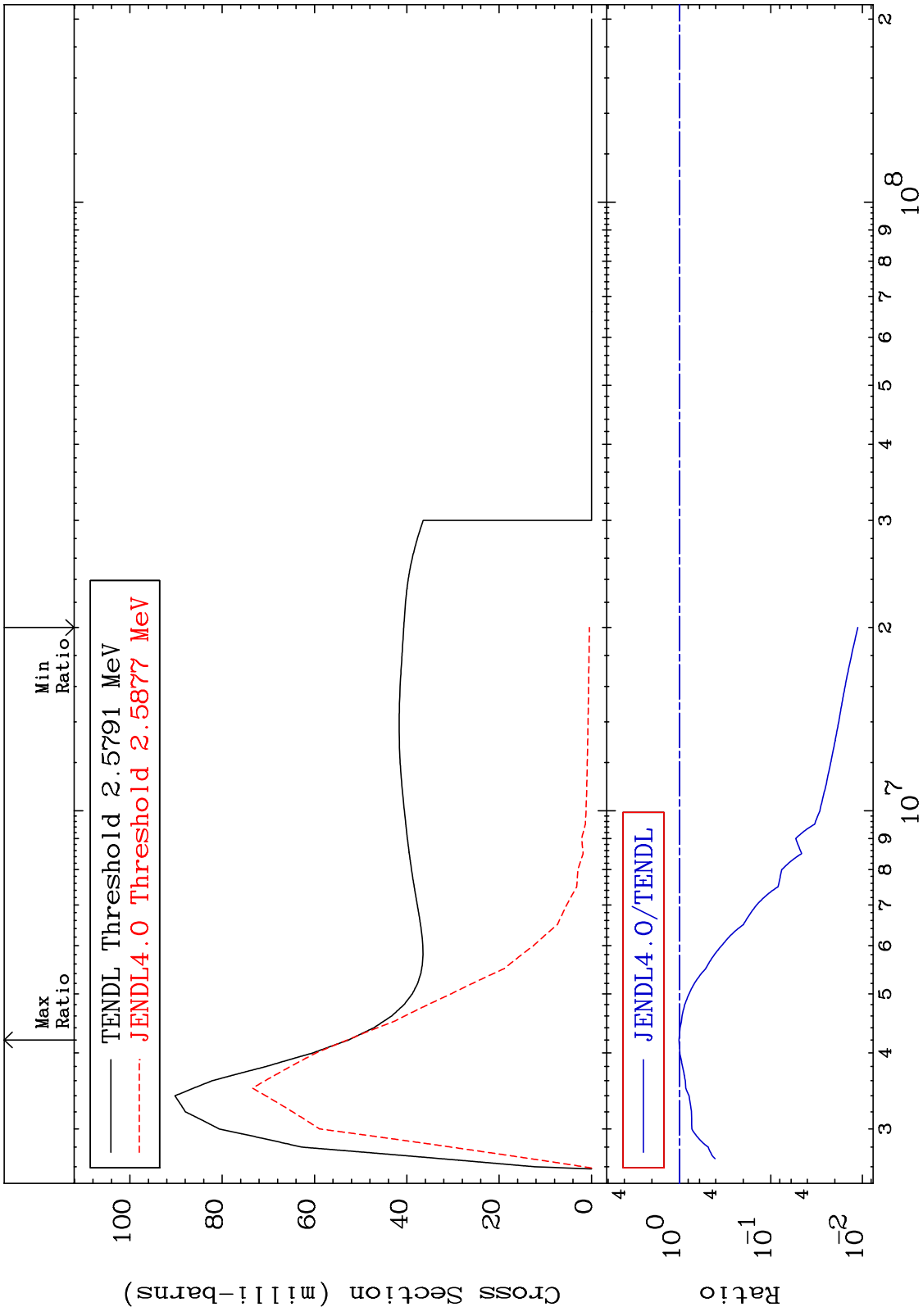
36-Kr-82  
-50.89 To 196.3 %



MAT 3637 MT= 62 (n,n') Level Cross Section 36-Kr-82  
 -92.97 To 9999. %



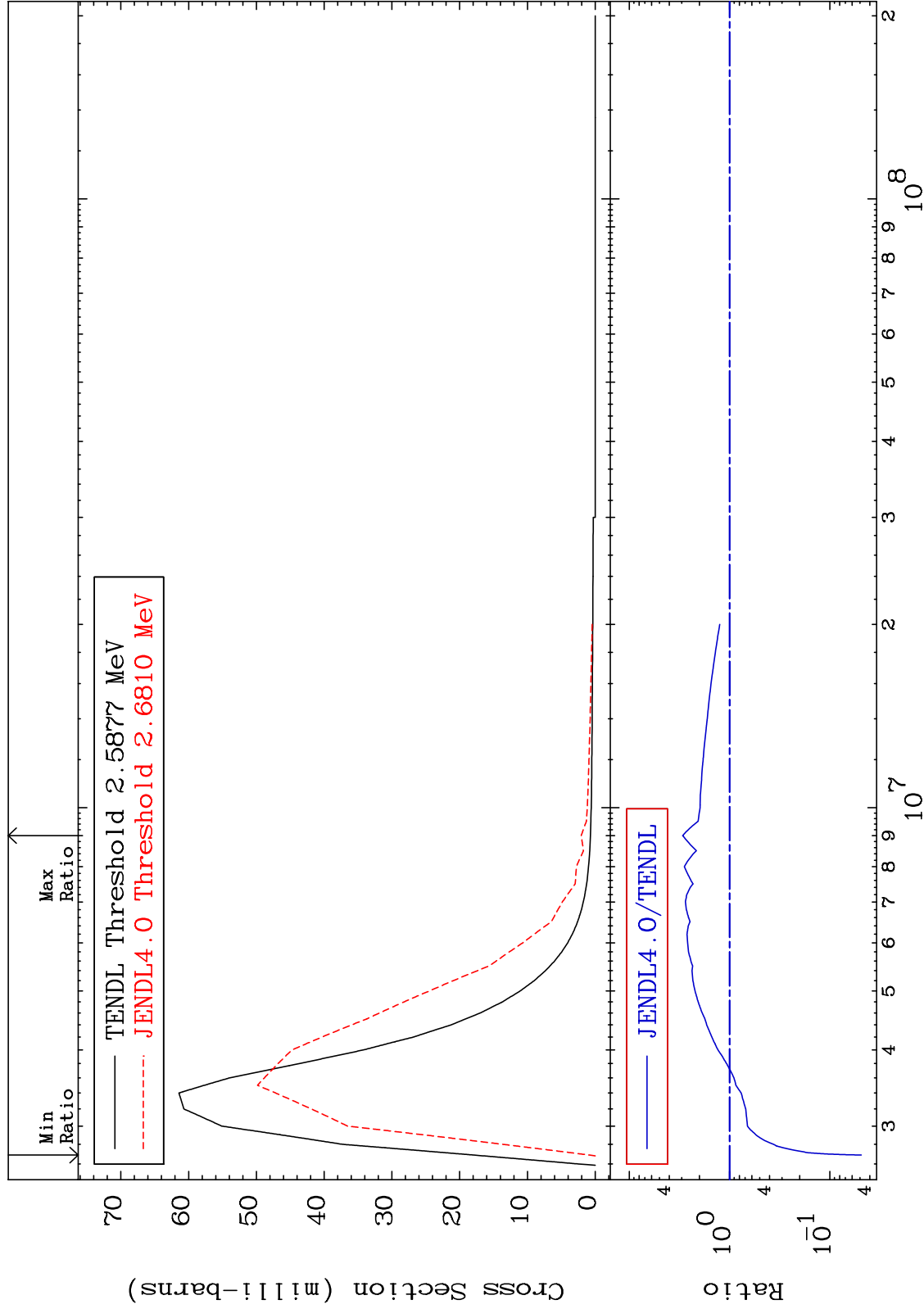
MAT 3637 MT= 63 (n,n') Level Cross Section -98.88 To 0.667 % 36-Kr-82



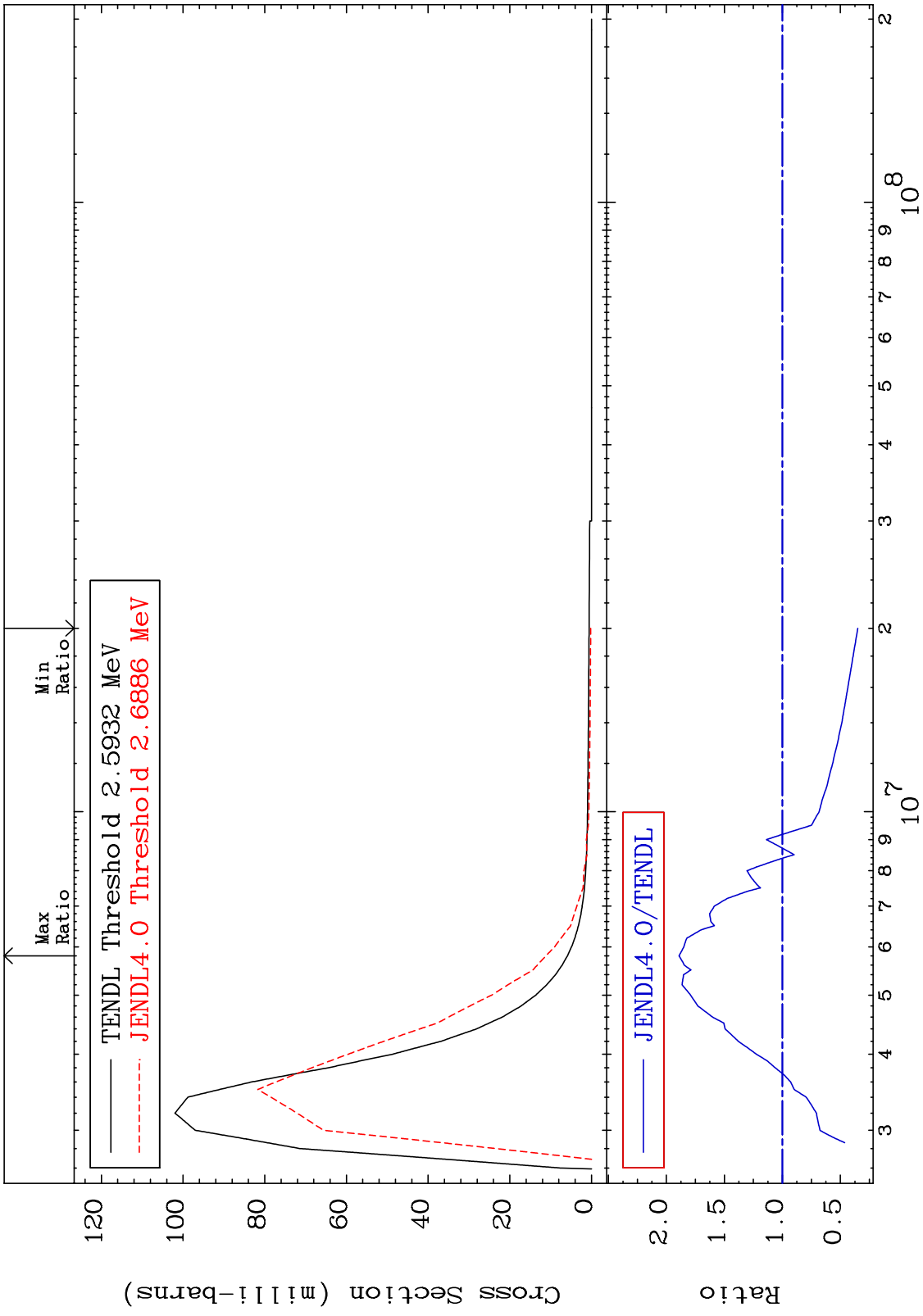
MAT 3637

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

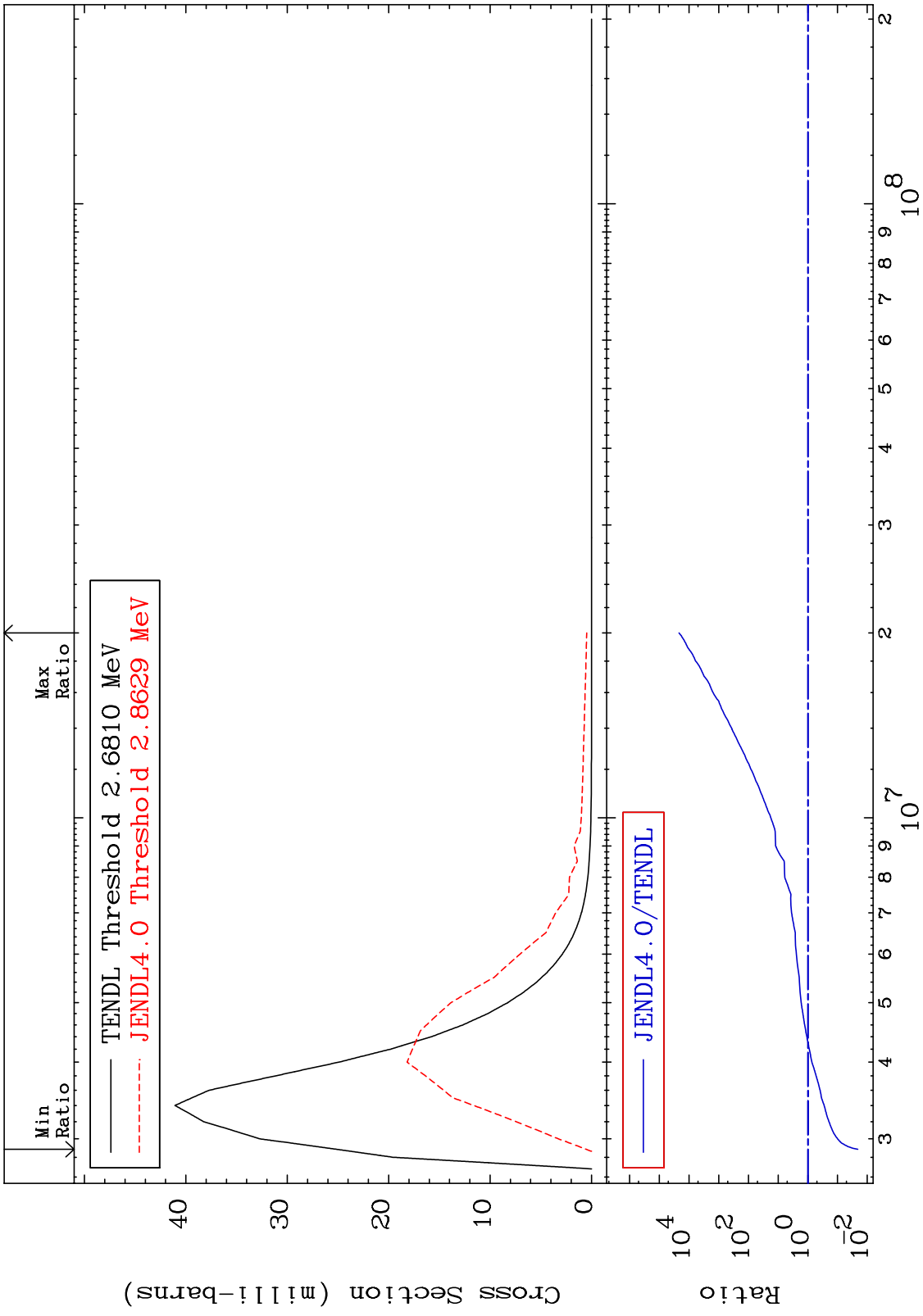
36-Kr-82  
-95.15 To 194.0 %



MAT 3637 MT= 65 (n,n') Level Cross Section -65.08 To 89.10 % 36-Kr-82



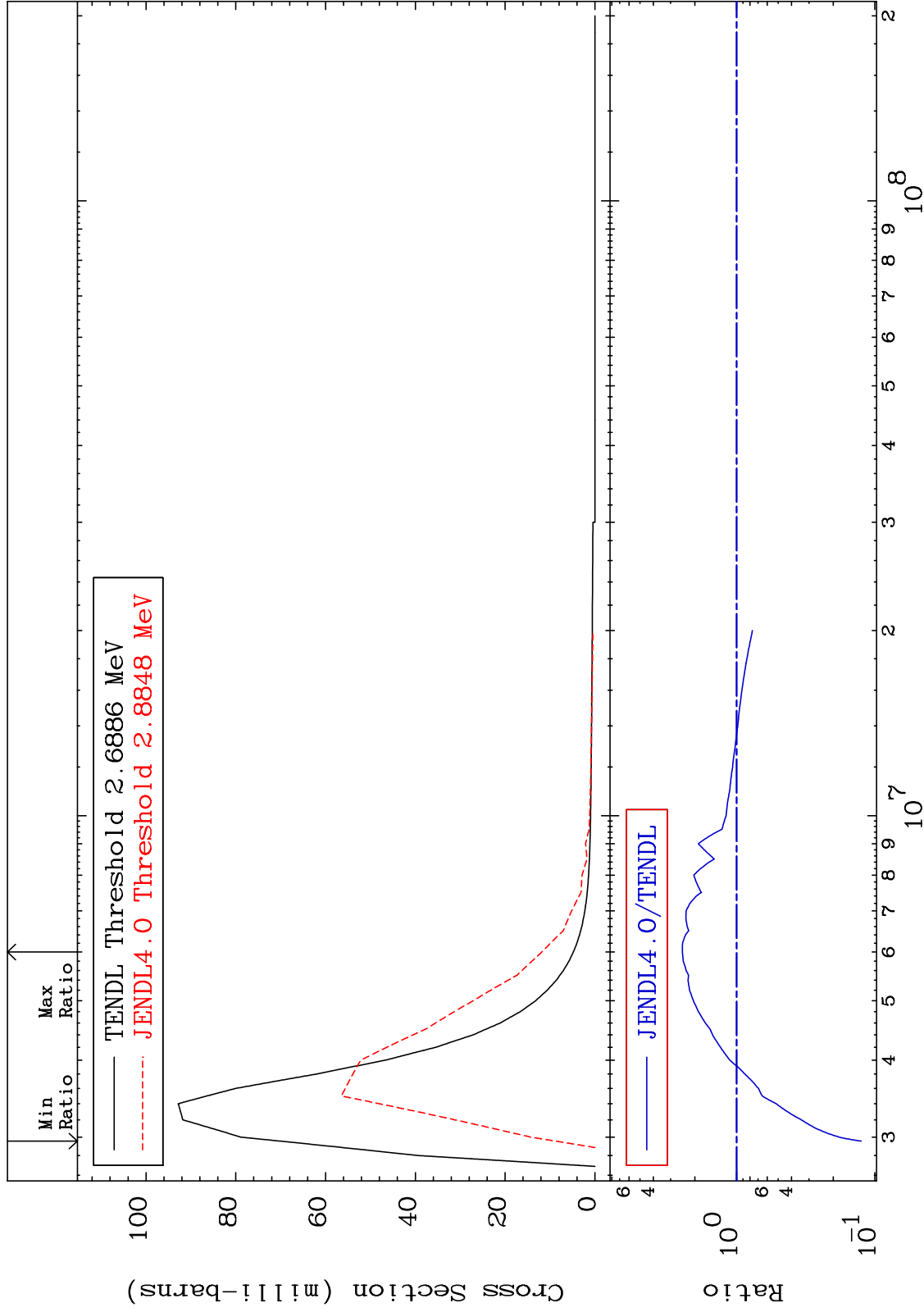
MAT 3637 MT= 66 (n,n') Level Cross Section -97.92 To 9999. % 36-Kr-82



MAT 3637

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

36-Kr-82  
-87.47 To 146.3 %

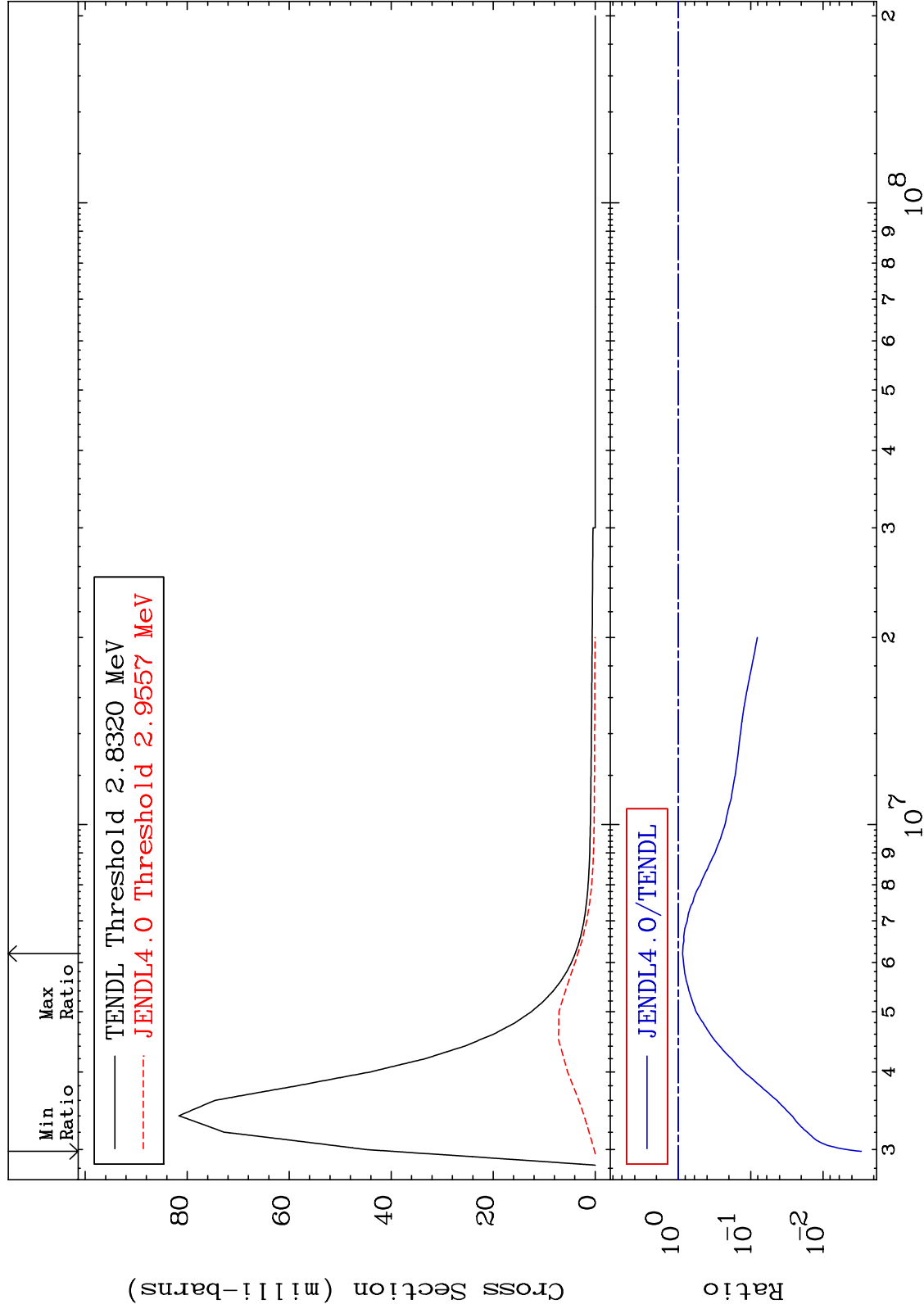




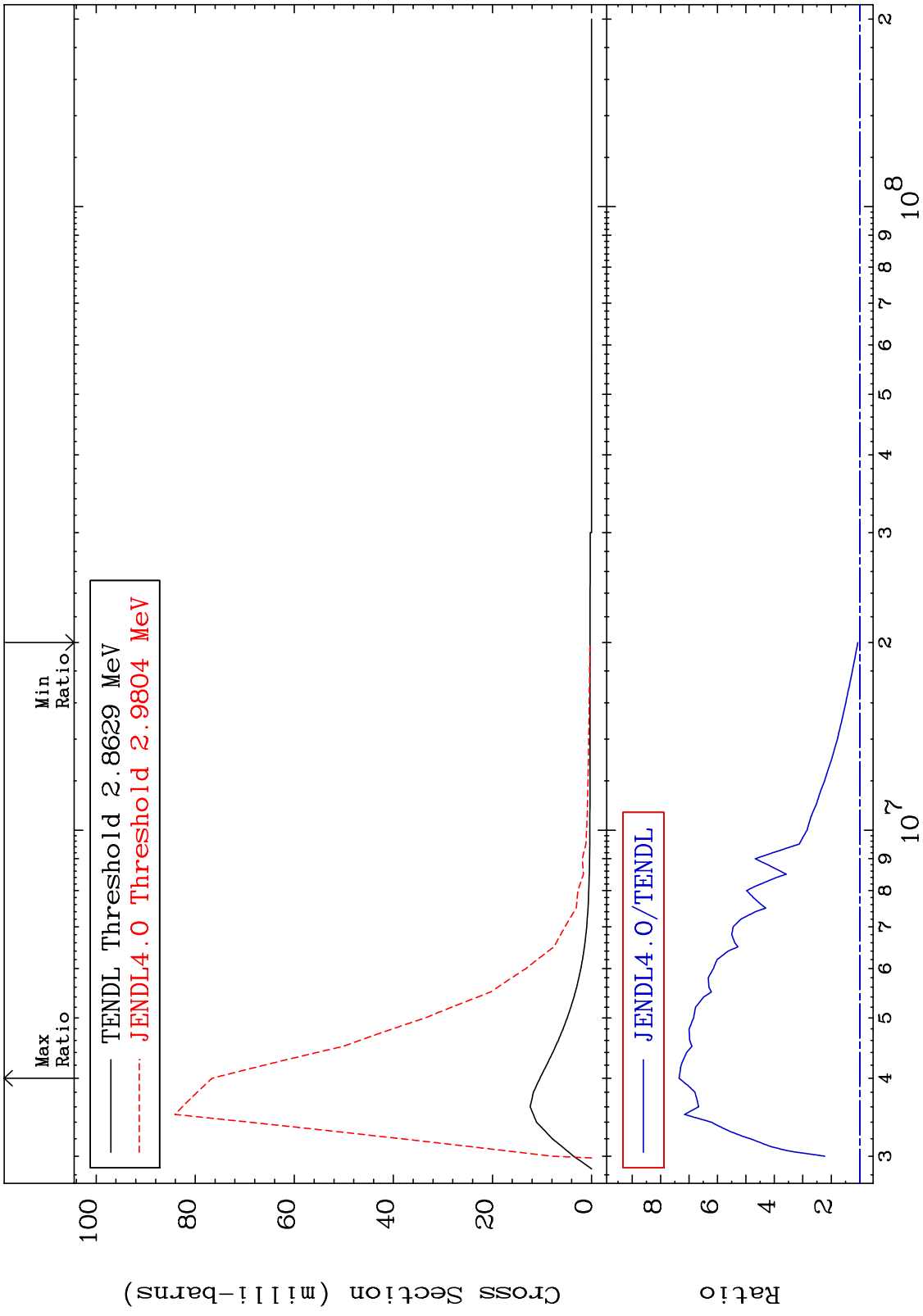
MAT 3637

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

36-Kr-82  
-99.70 To -13.04%



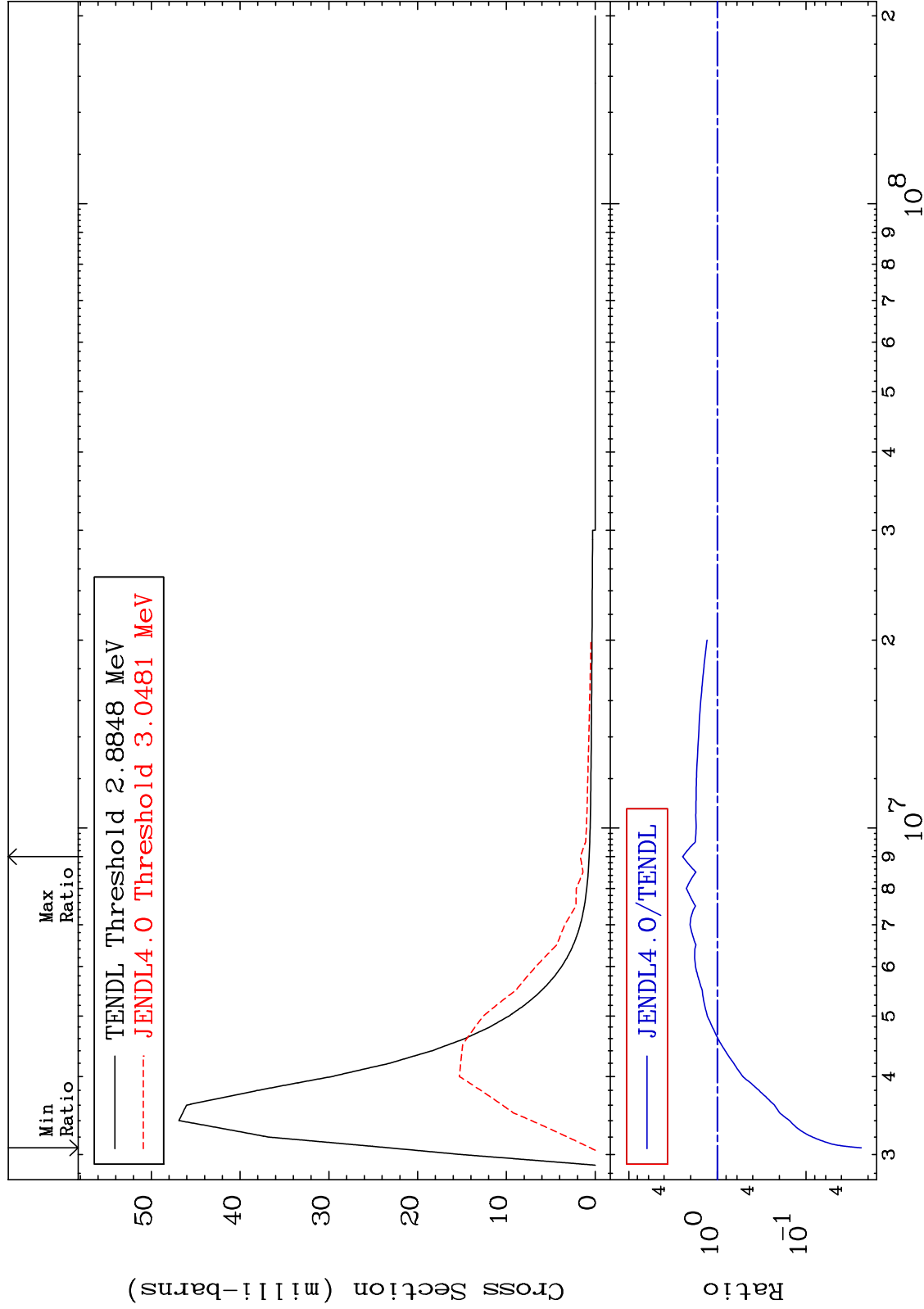
MAT 3637 MT= 69 (n,n') Level Cross Section 36-Kr-82  
 6.429 To 635.3 %



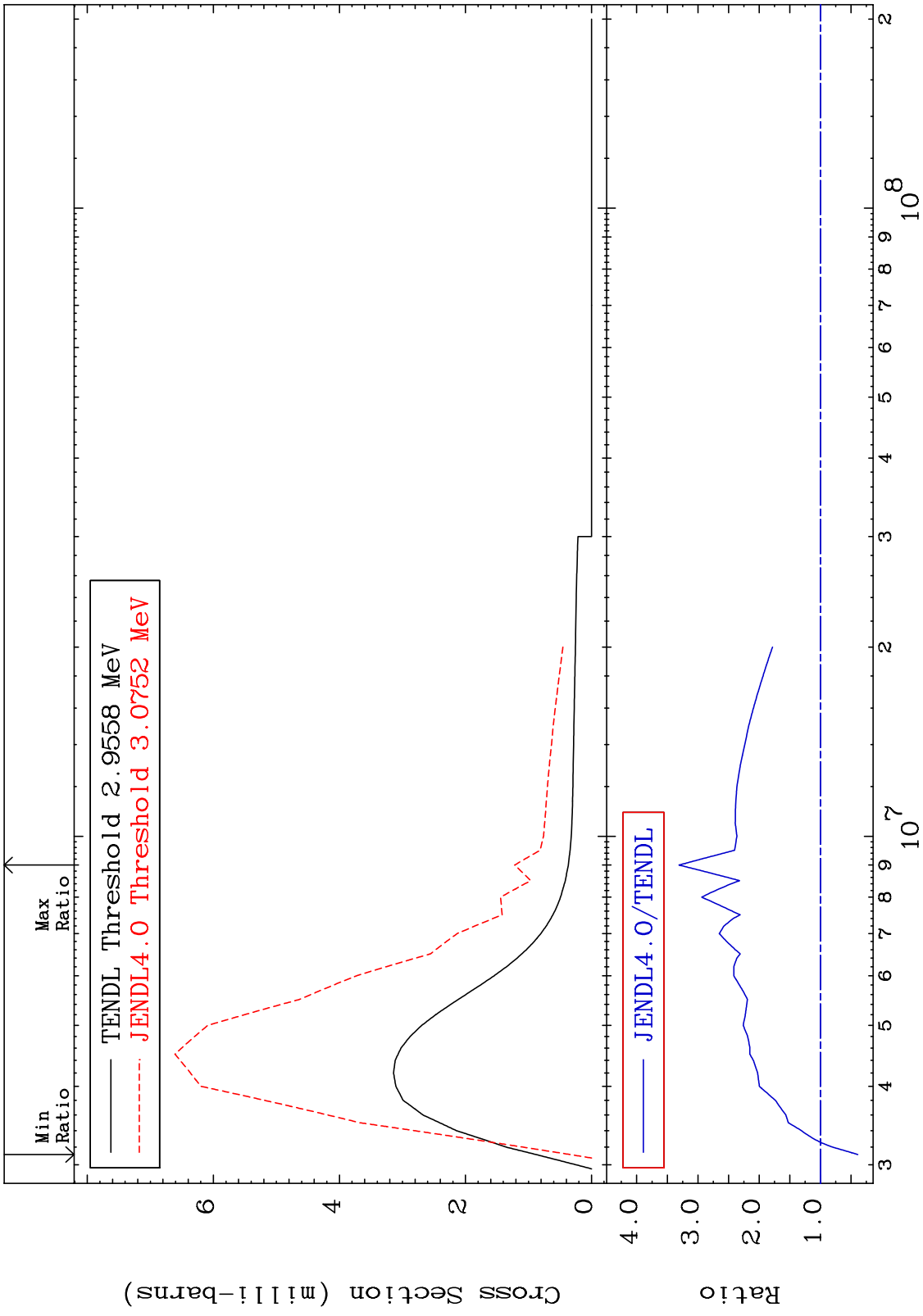
MAT 3637

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

36-Kr-82  
-97.62 To 146.5 %



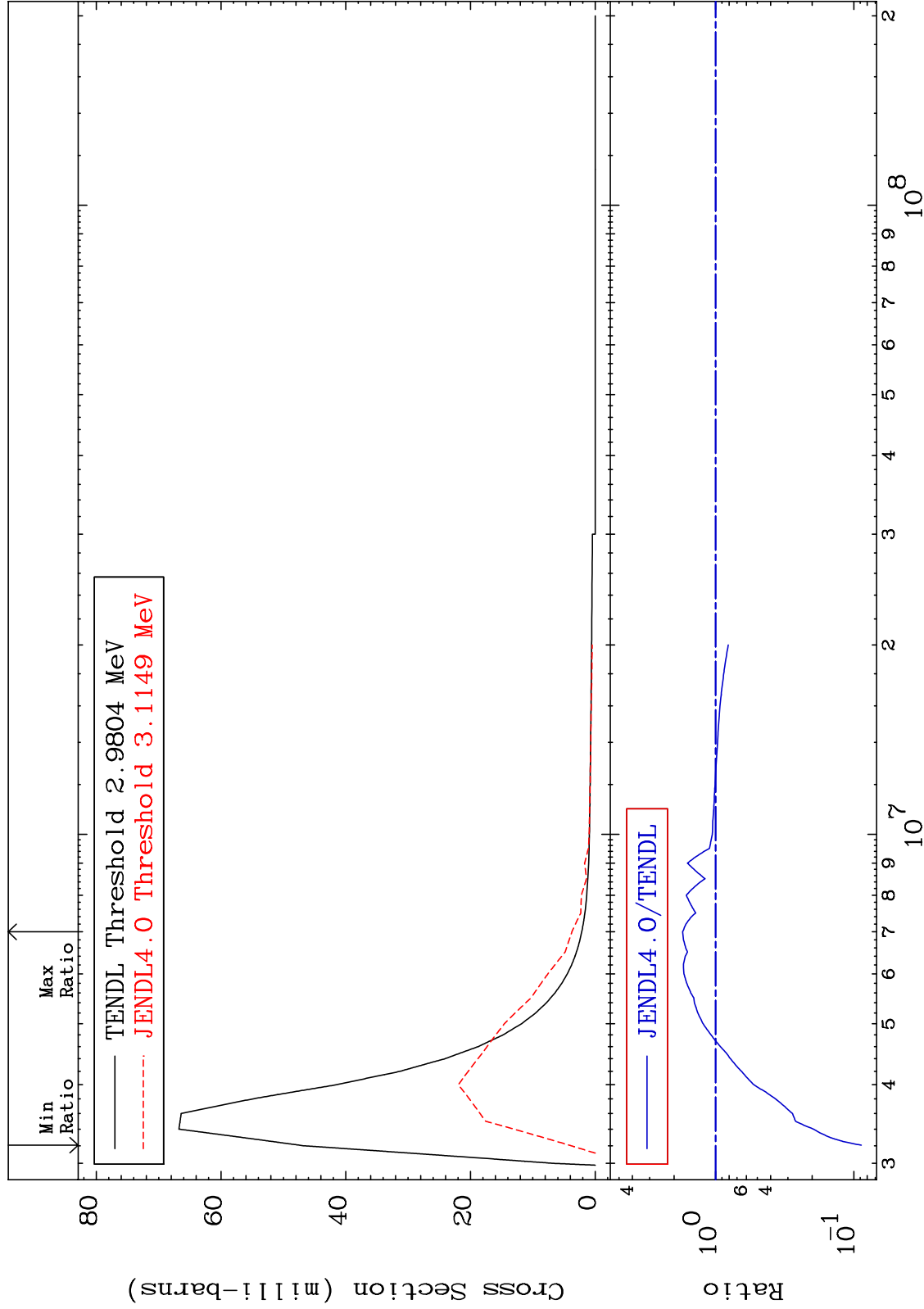
MAT 3637 MT= 71 (n,n') Level Cross Section 36-Kr-82  
 -61.05 To 230.8 %



MAT 3637

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

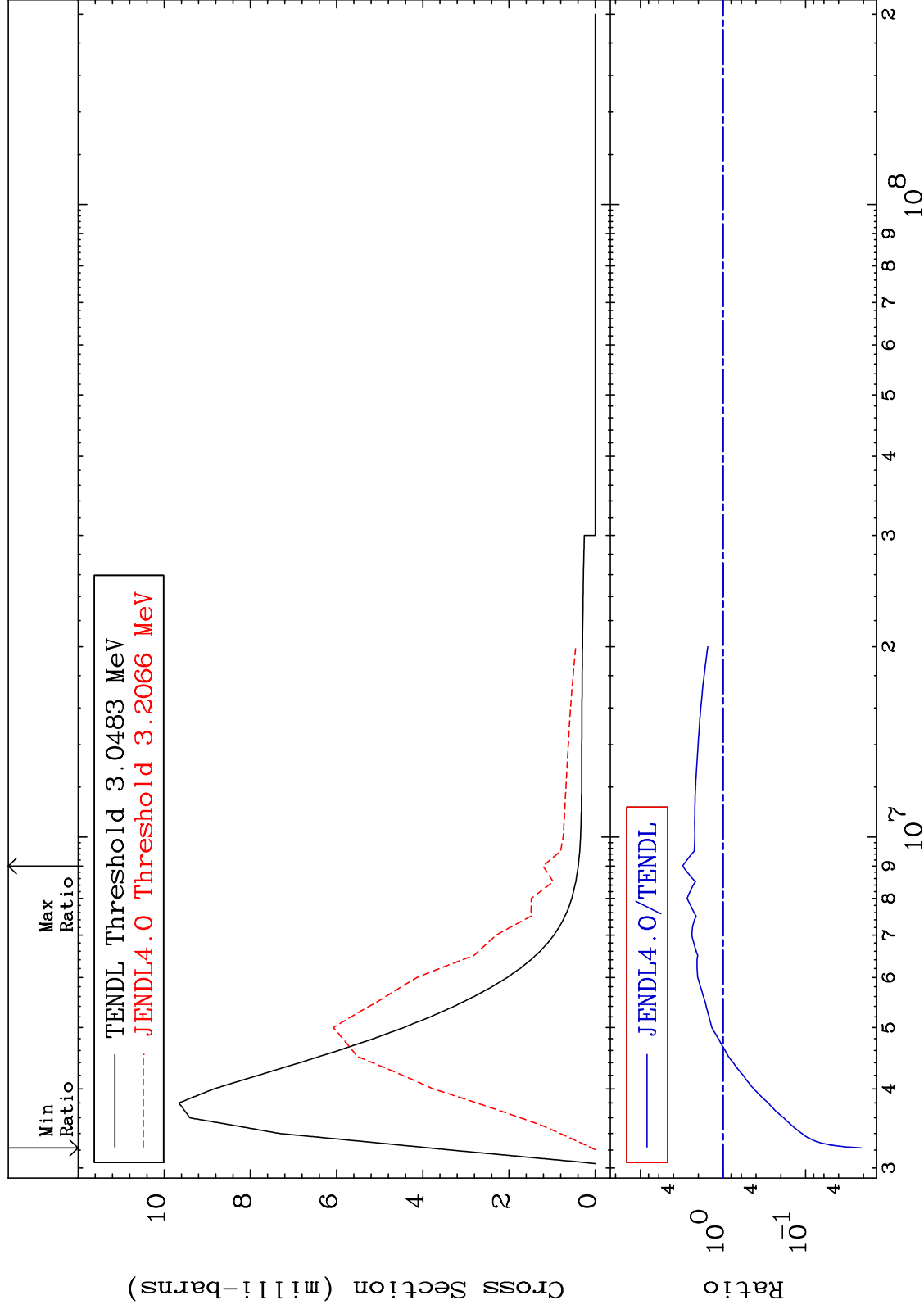
36-Kr-82  
-91.18 To 73.18 %



MAT 3637

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

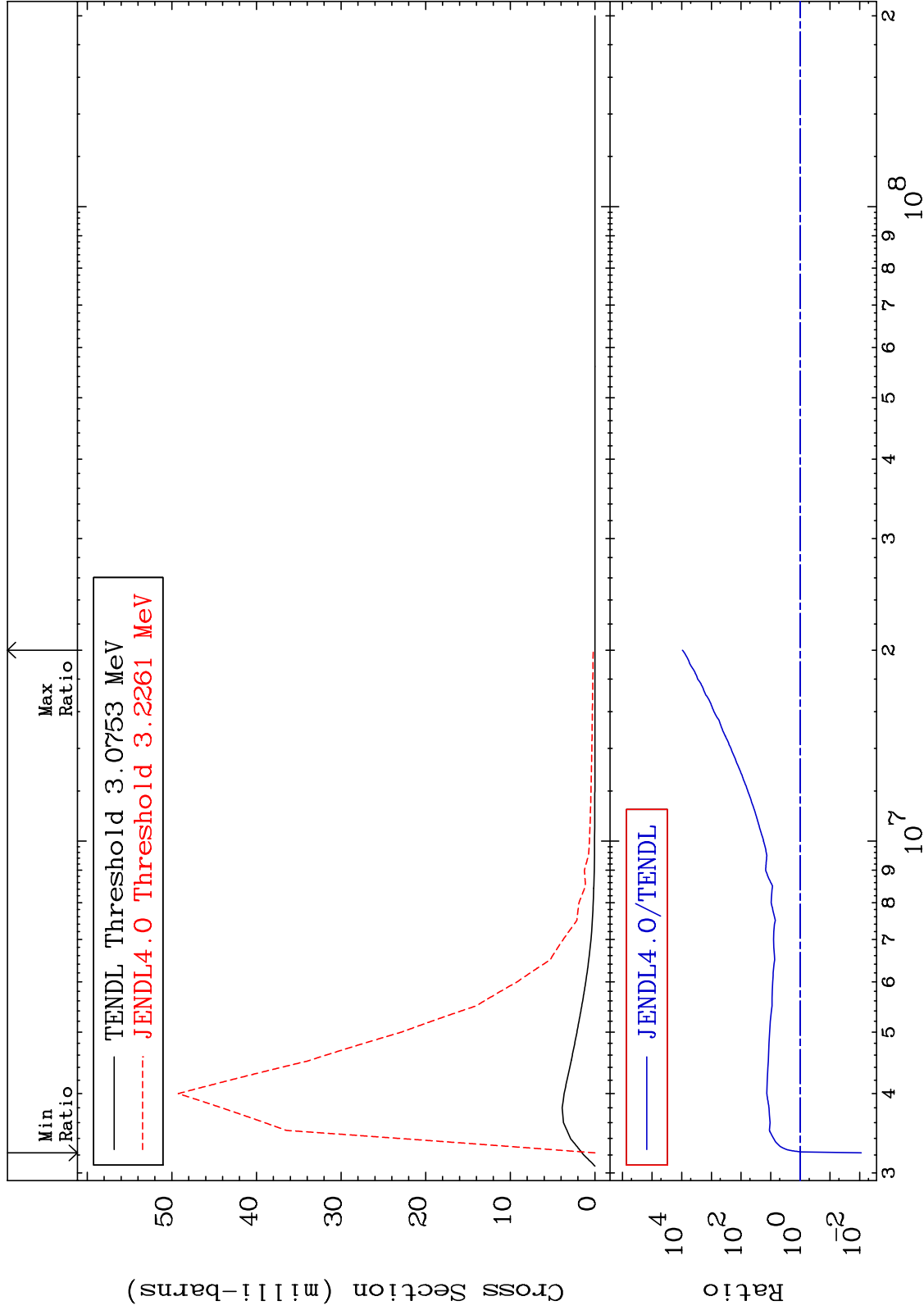
36-Kr-82  
-97.88 To 208.5 %



MAT 3637

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

36-Kr-82  
-99.12 To 9999. %



30

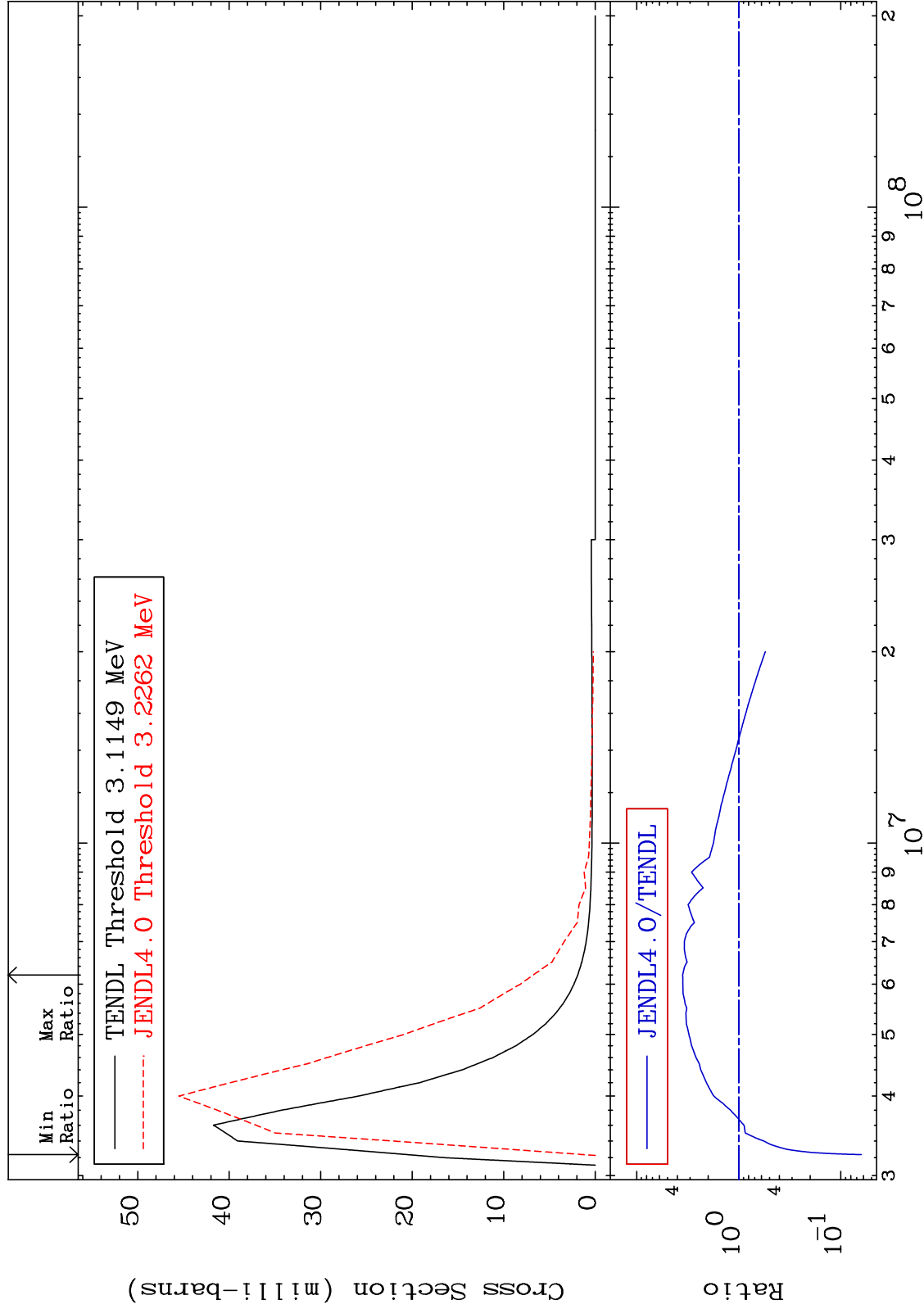
Incident Energy (eV)

36-Kr-82

MAT 3637

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

36-Kr-82  
-93.71 To 254.8 %

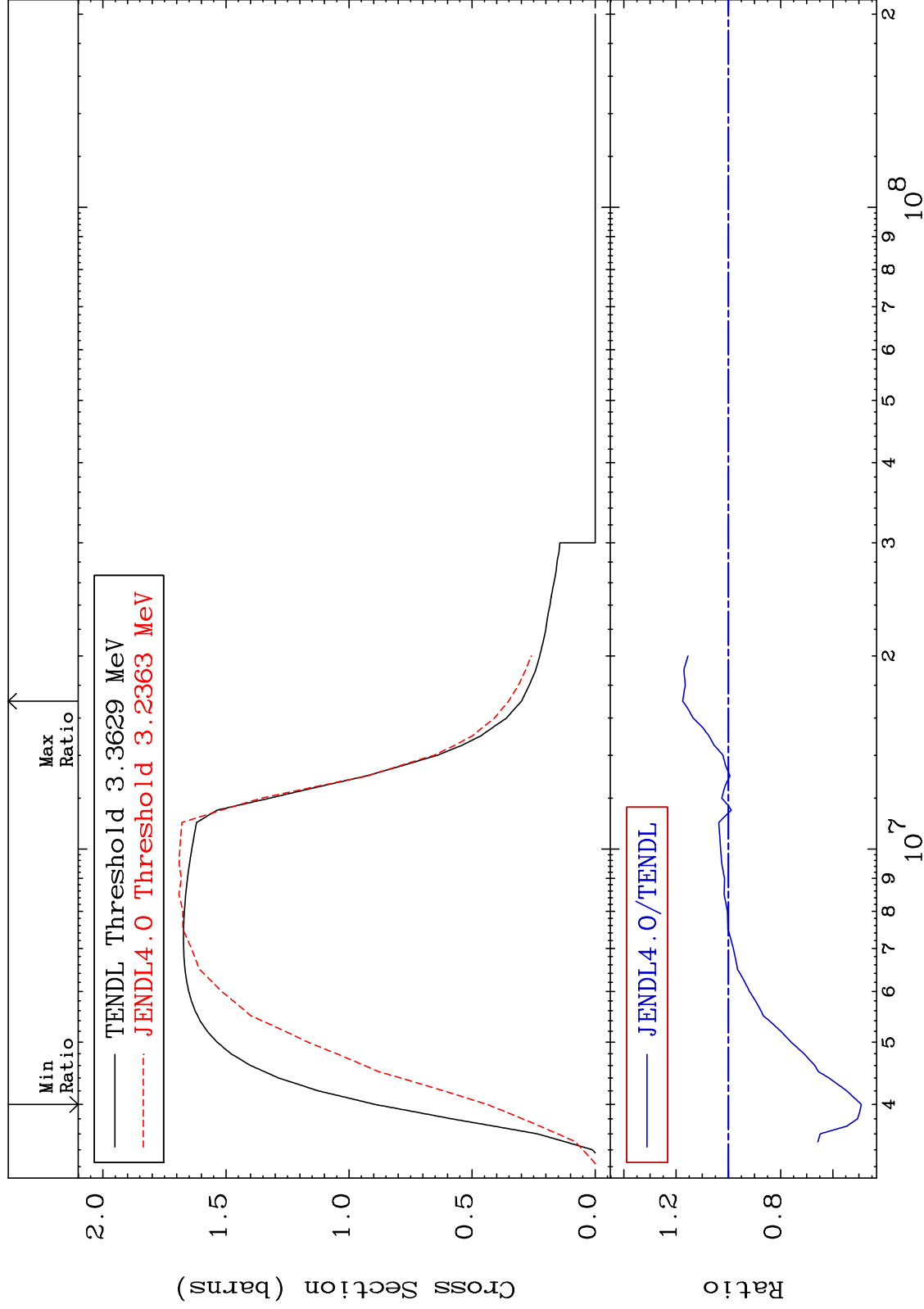




MAT 3637

(n,n') Continuum  
Cross Section

36-Kr-82  
-50.92 To 17.50 %



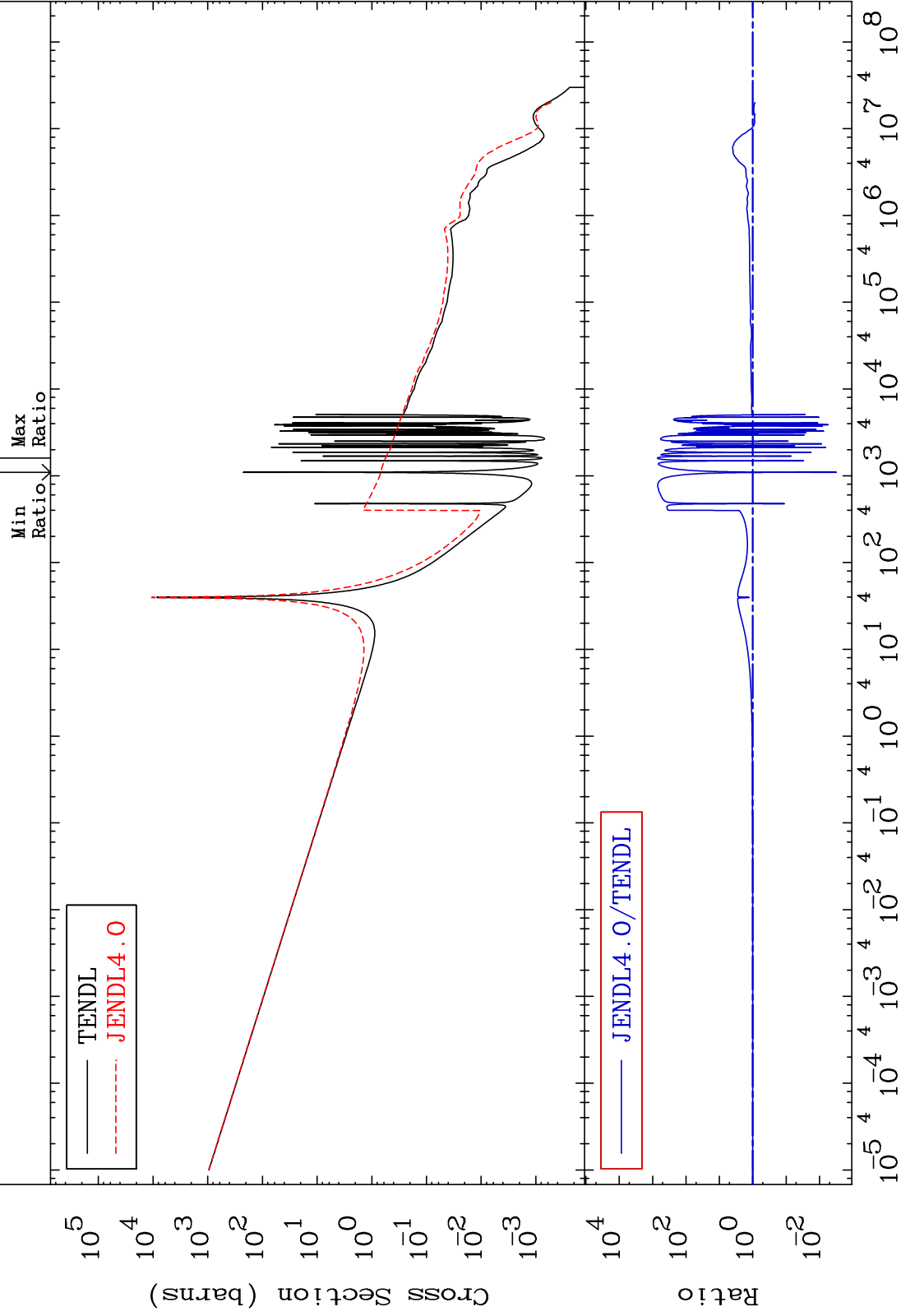
MAT 3637

(n,  $\gamma$ )

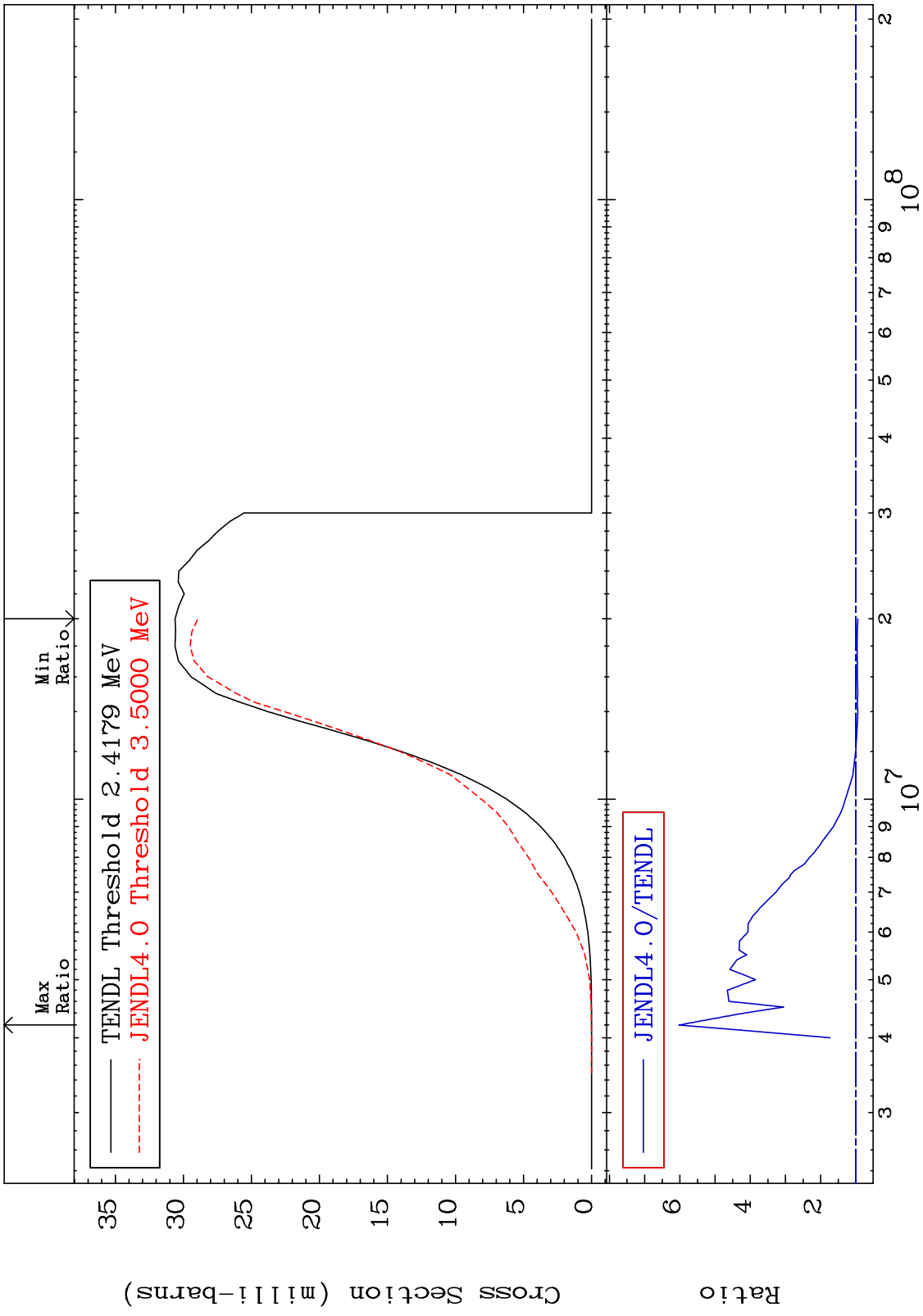
36-Kr-82

-99.69 To 9999. %

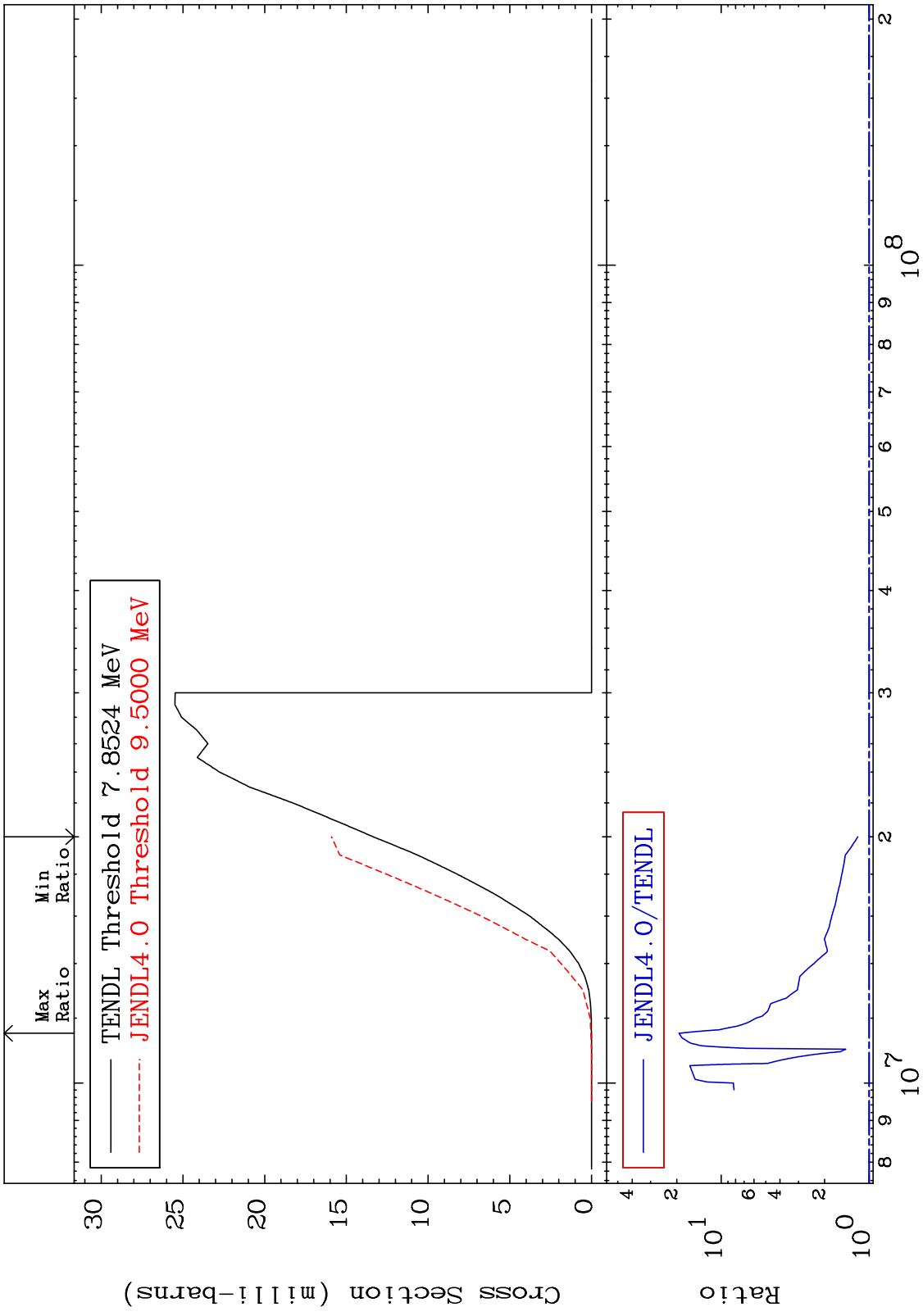
Cross Section



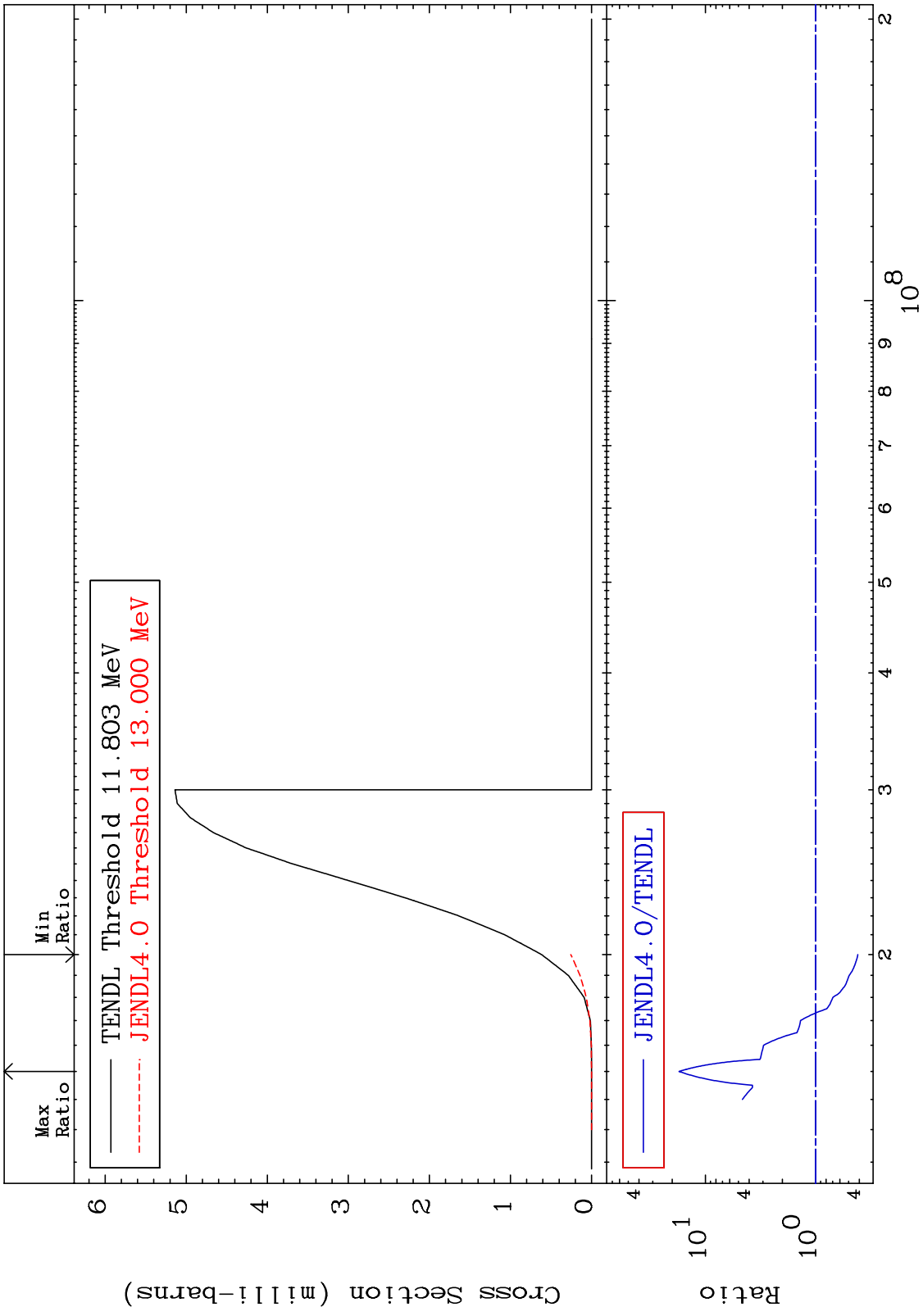
MAT 3637 (n,p) Cross Section 36-Kr-82  
 -5.491 To 502.3 %

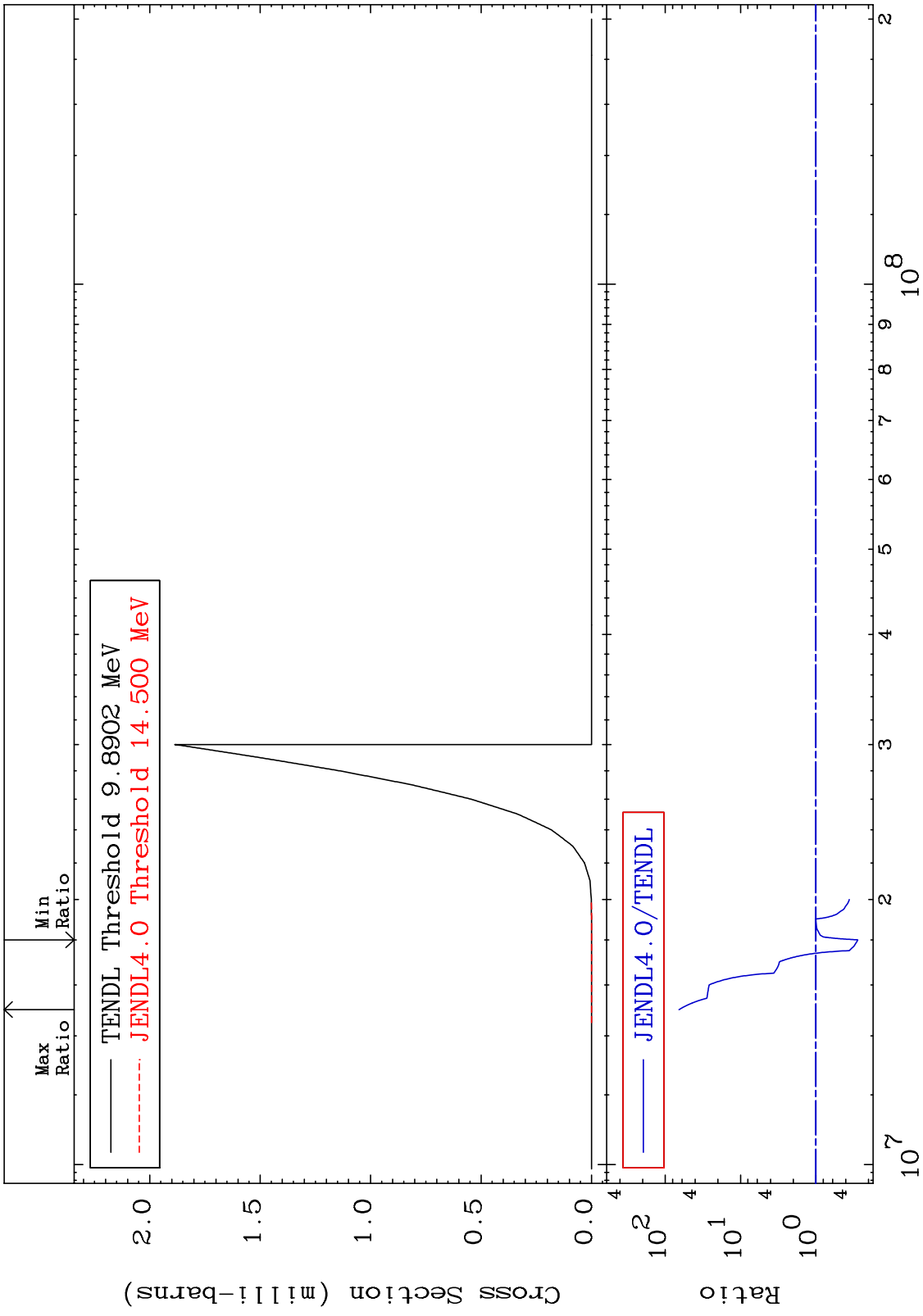


MAT 3637 (n,d) Cross Section 36-Kr-82  
 19.11 To 1828. %



MAT 3637 (n,t) 36-Kr-82  
 Cross Section -58.71 To 1632. %





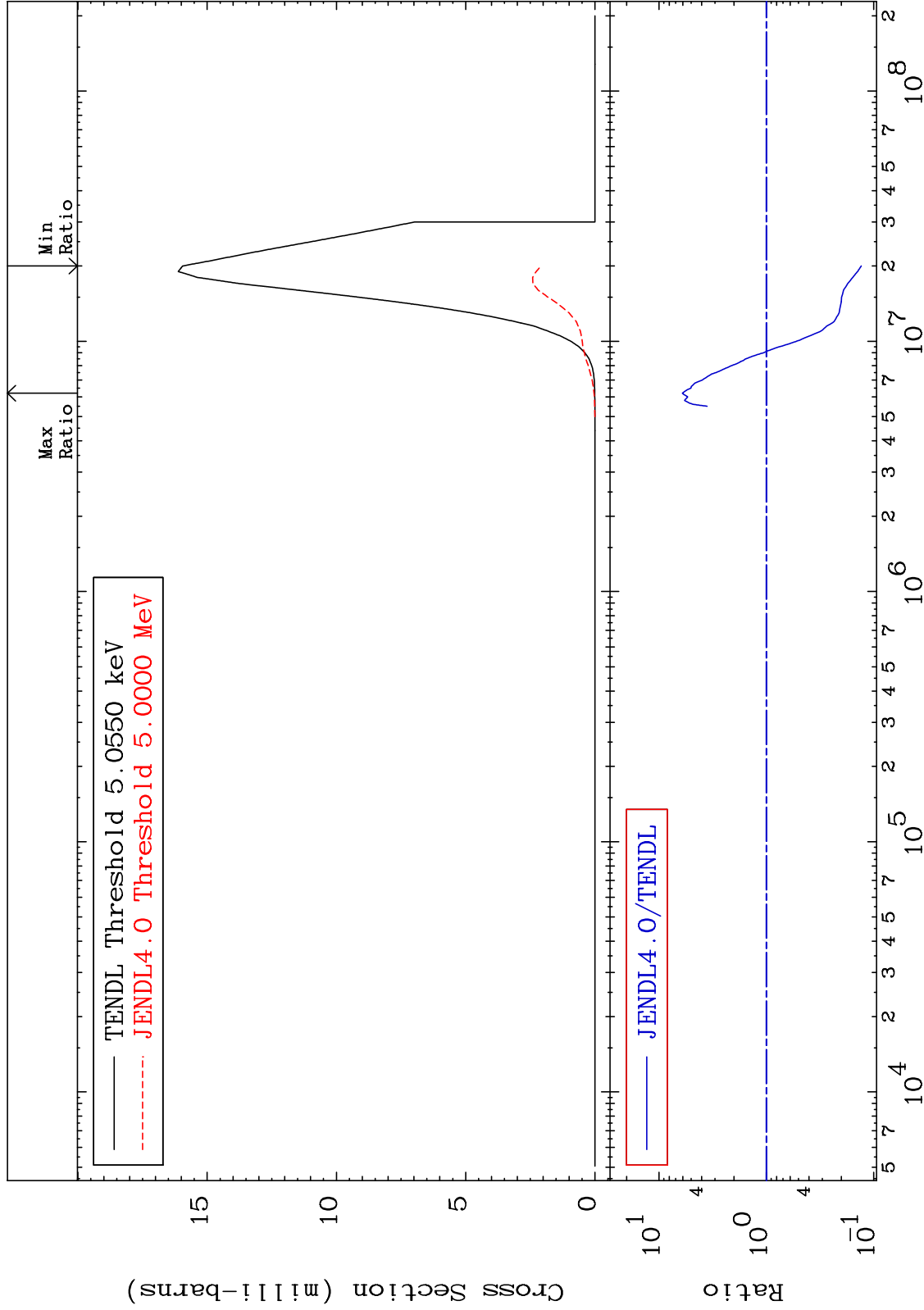
MAT 3637

(n,  $\alpha$ )

36-Kr-82

Cross Section

-86.97 To 503.4 %



38

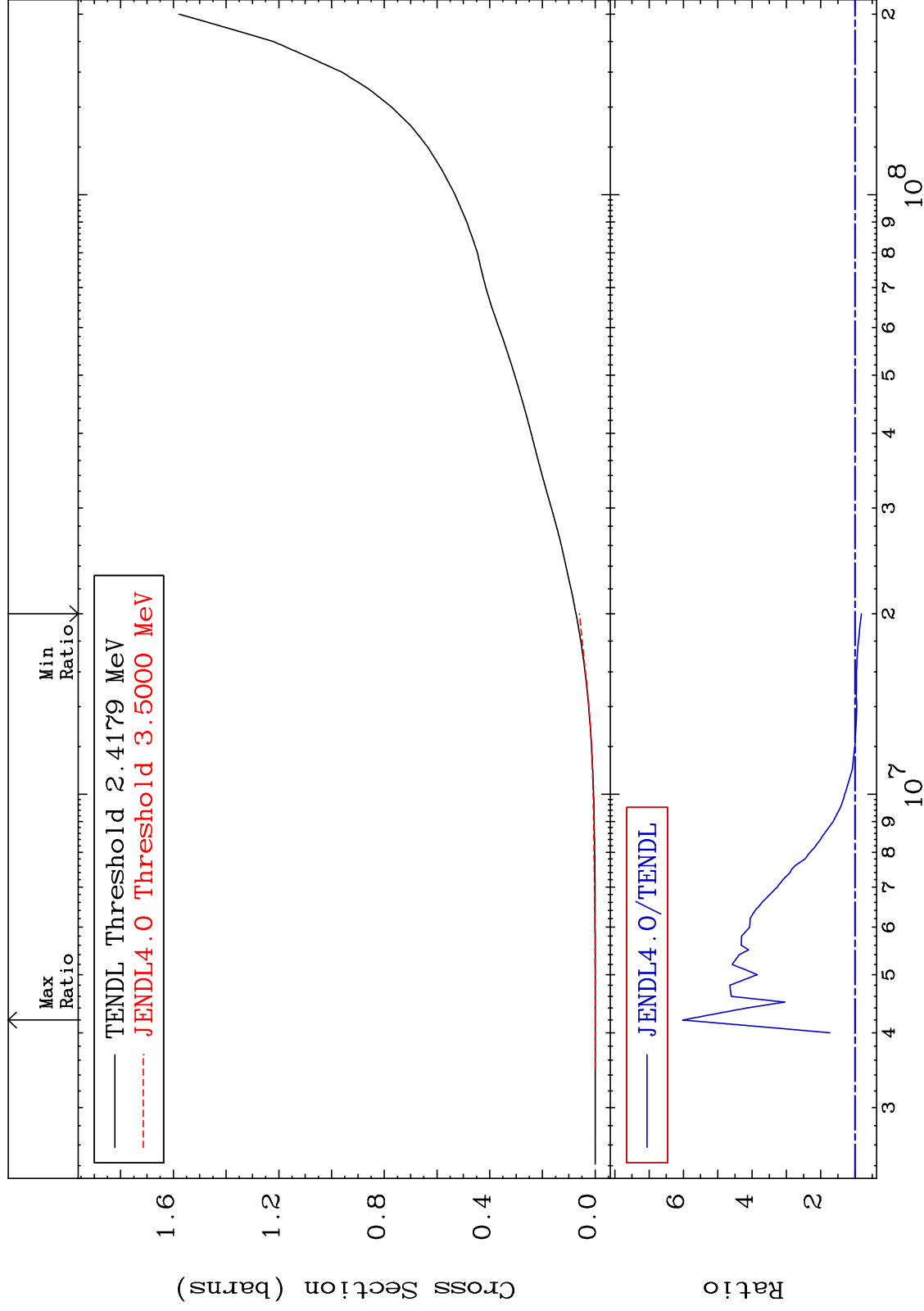
Incident Energy (eV)

36-Kr-82

MAT 3637

Hydrogen Production  
Cross Section

<sup>36</sup>Kr-82  
-18.34 To 502.3 %

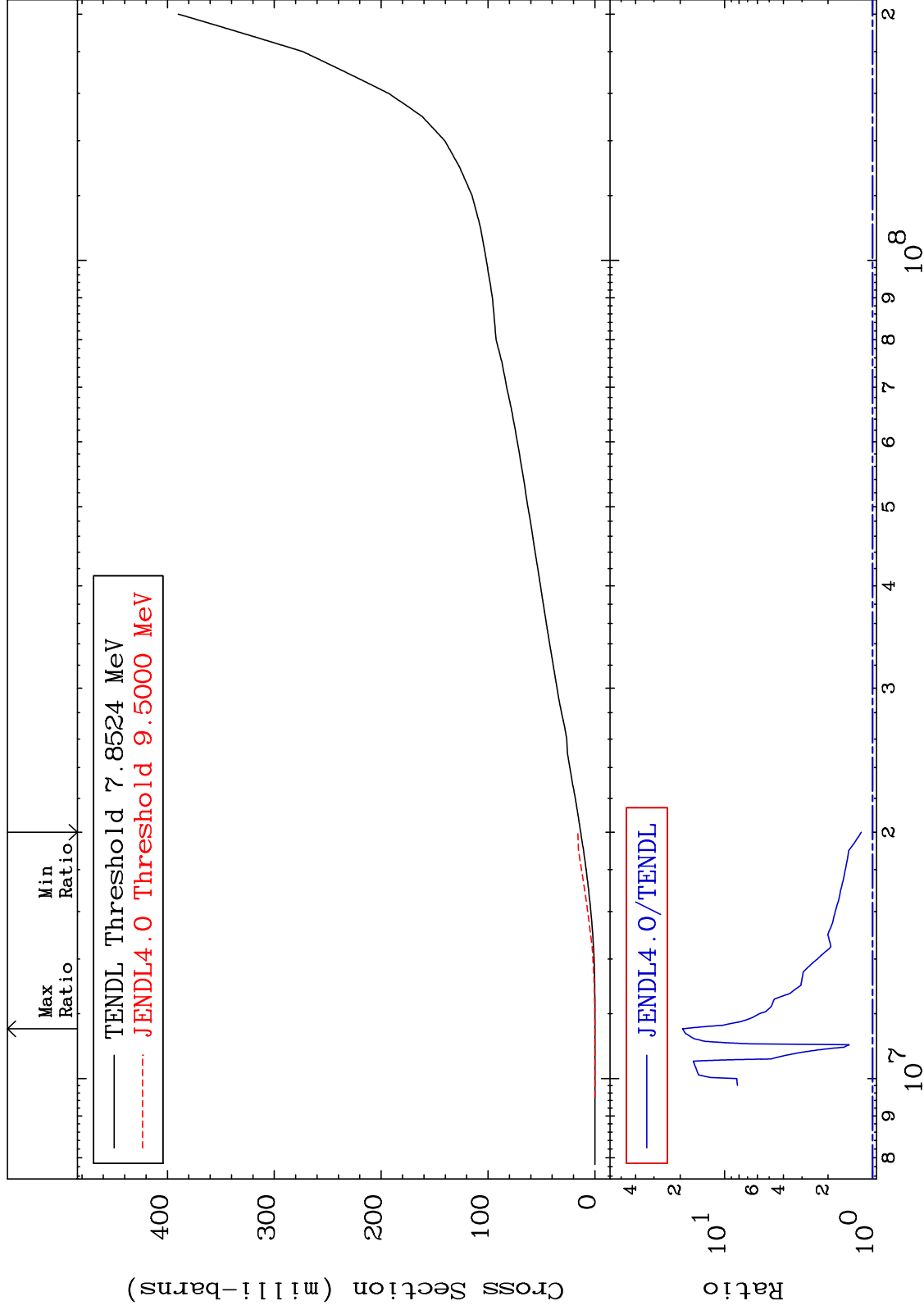




MAT 3637

Deuterium Production  
Cross Section

36-Kr-82  
19.11 To 1828. %



40

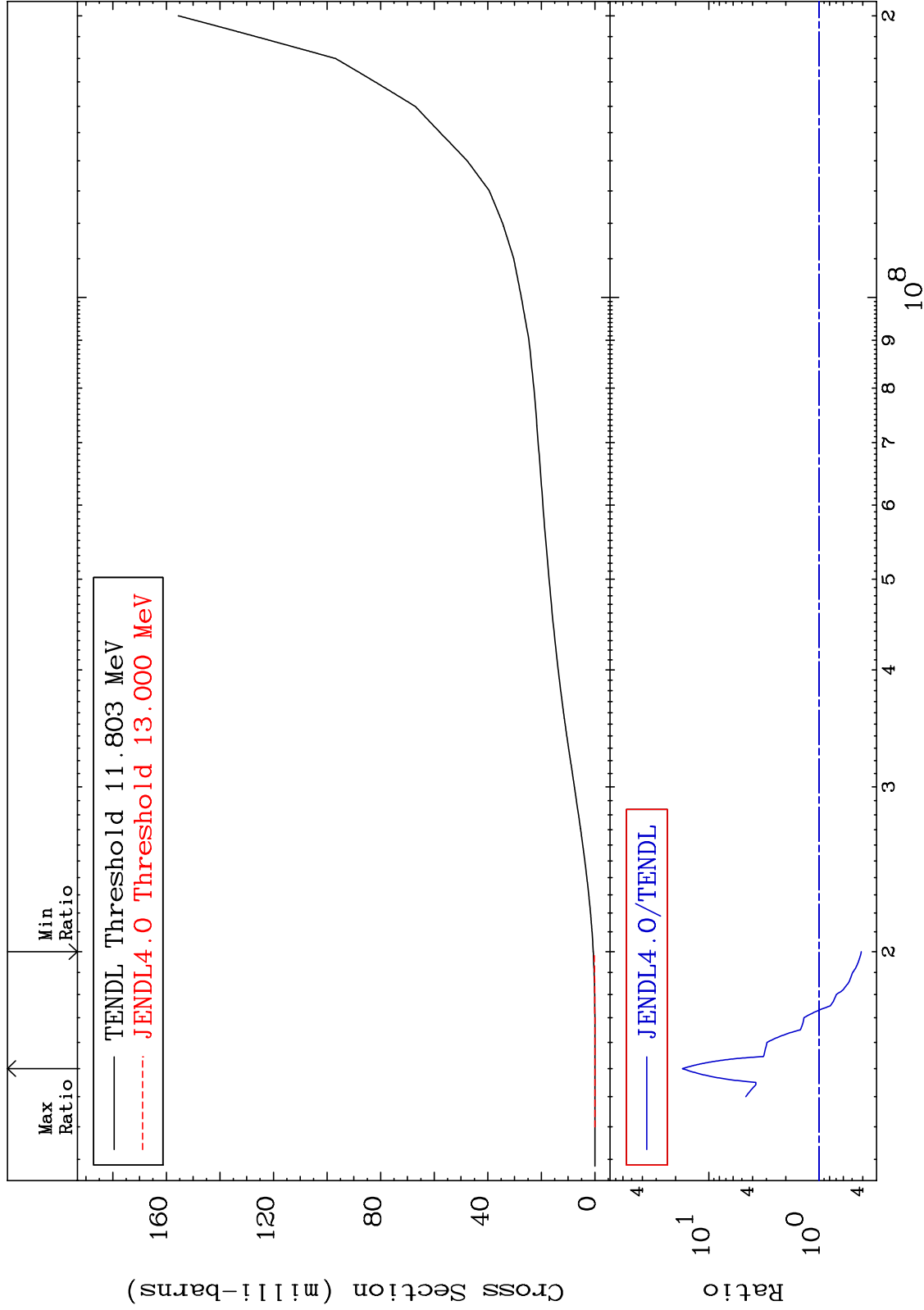
Incident Energy (eV)

36-Kr-82

MAT 3637

Tritium Production  
Cross Section

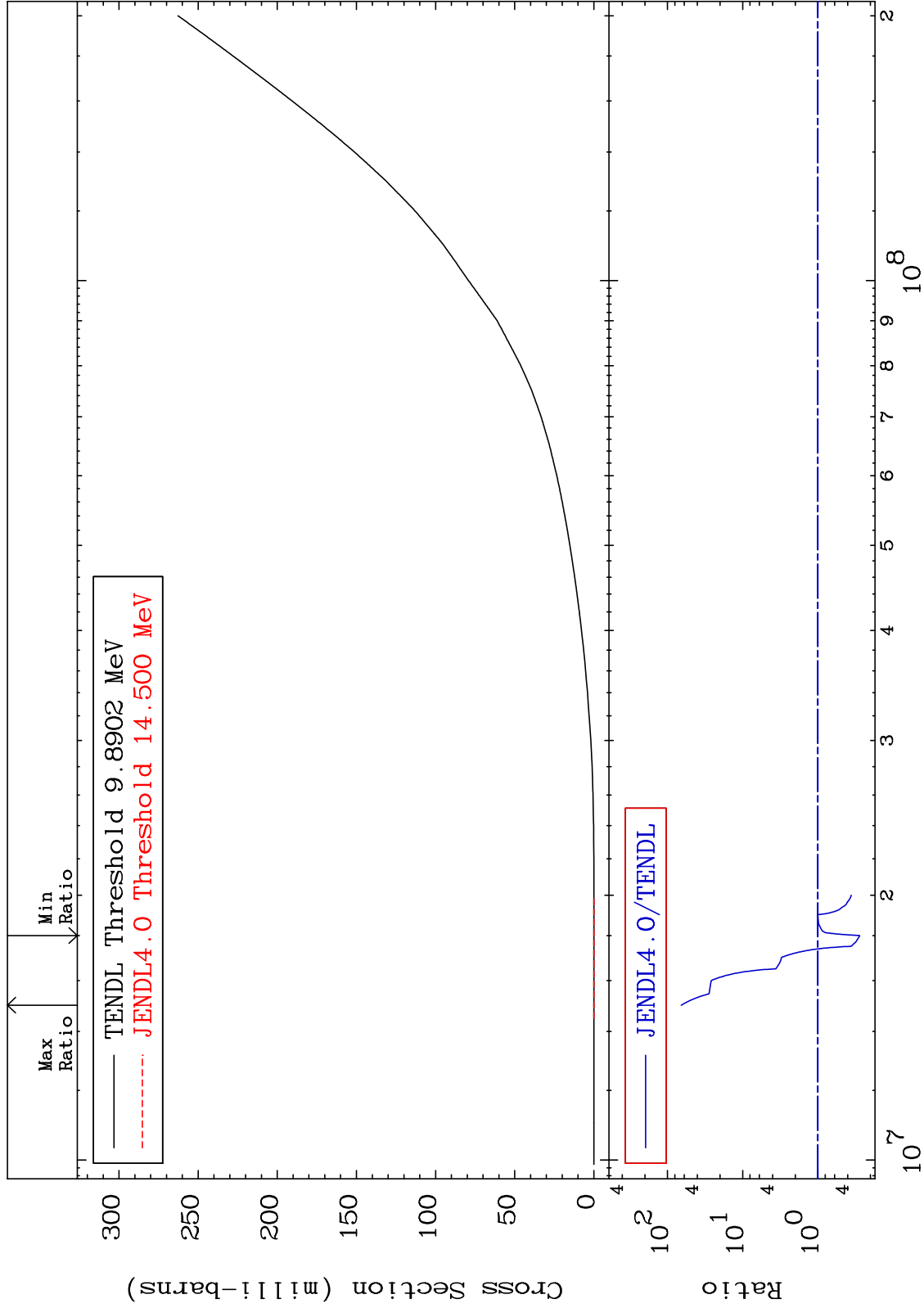
<sup>36</sup>Kr-82  
-58.71 To 1632. %



MAT 3637

He-3 Production  
Cross Section

36-Kr-82  
-72.27 To 6462. %



42

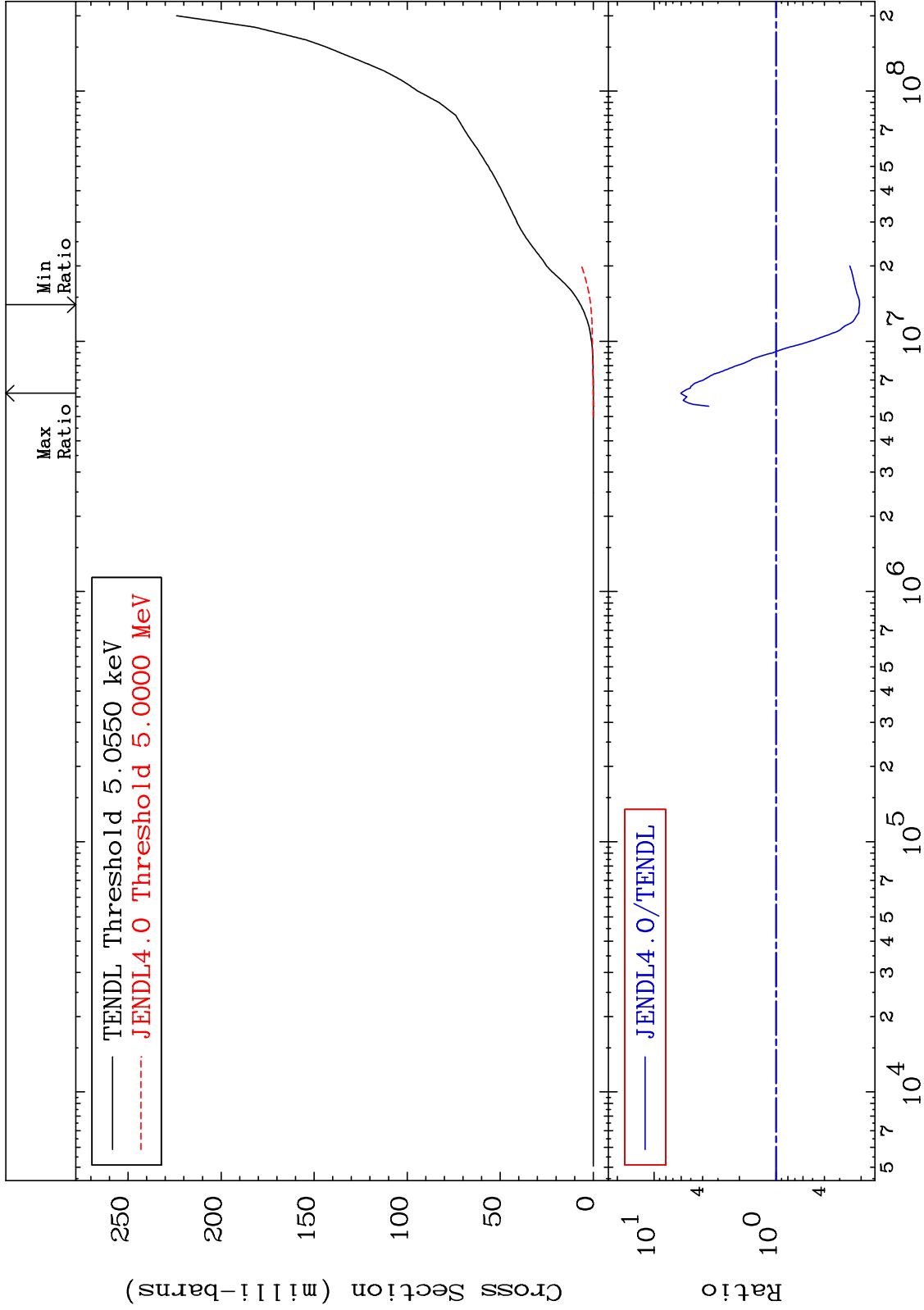
Incident Energy (eV)

36-Kr-82

MAT 3637

He-4 Production  
Cross Section

36-Kr-82  
-79.41 To 503.4 %



43

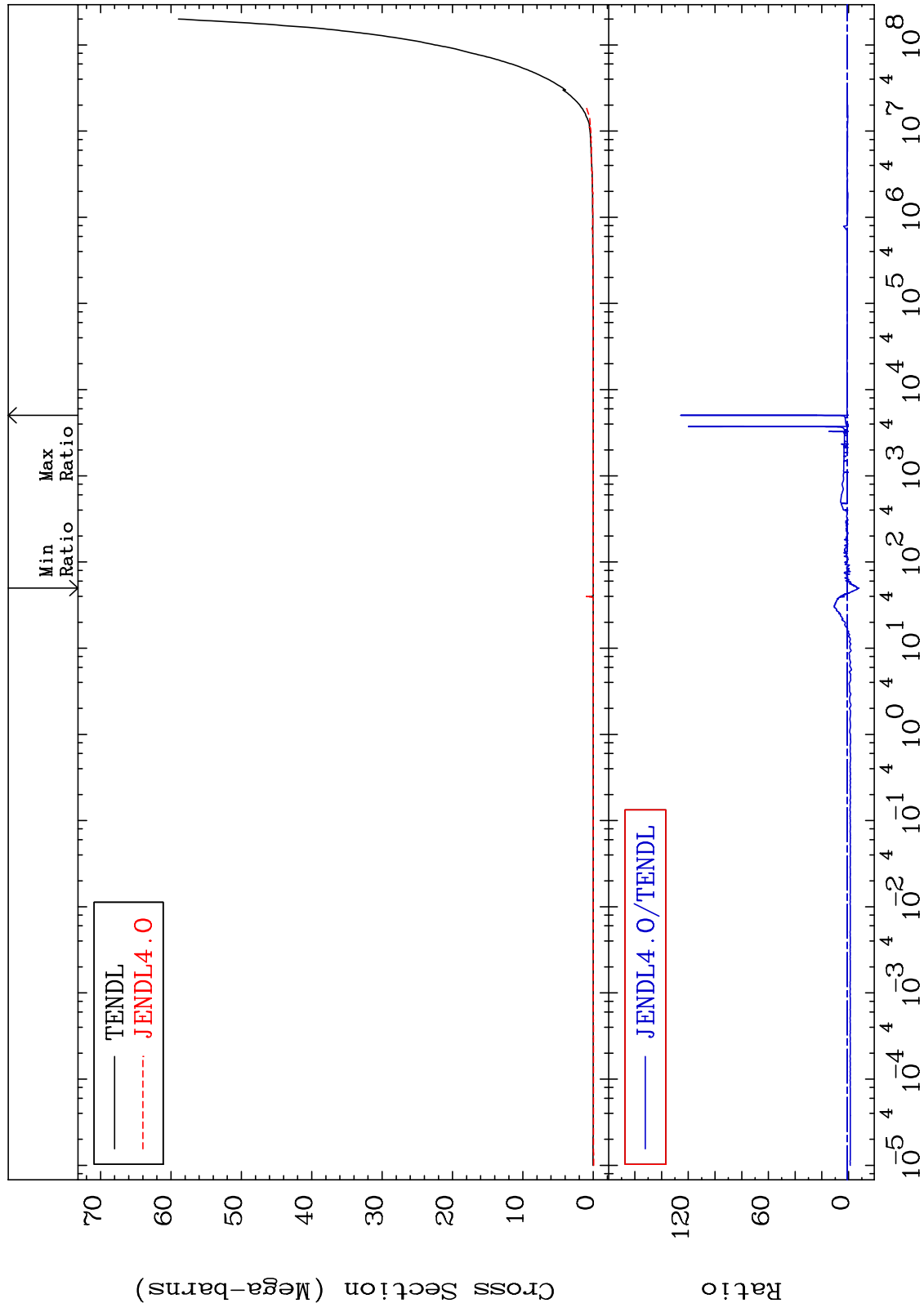
Incident Energy (eV)

36-Kr-82

MAT 3637

Kerma total (eV-barns)  
Cross Section

36-Kr-82  
-886.1 To 9999. %



44

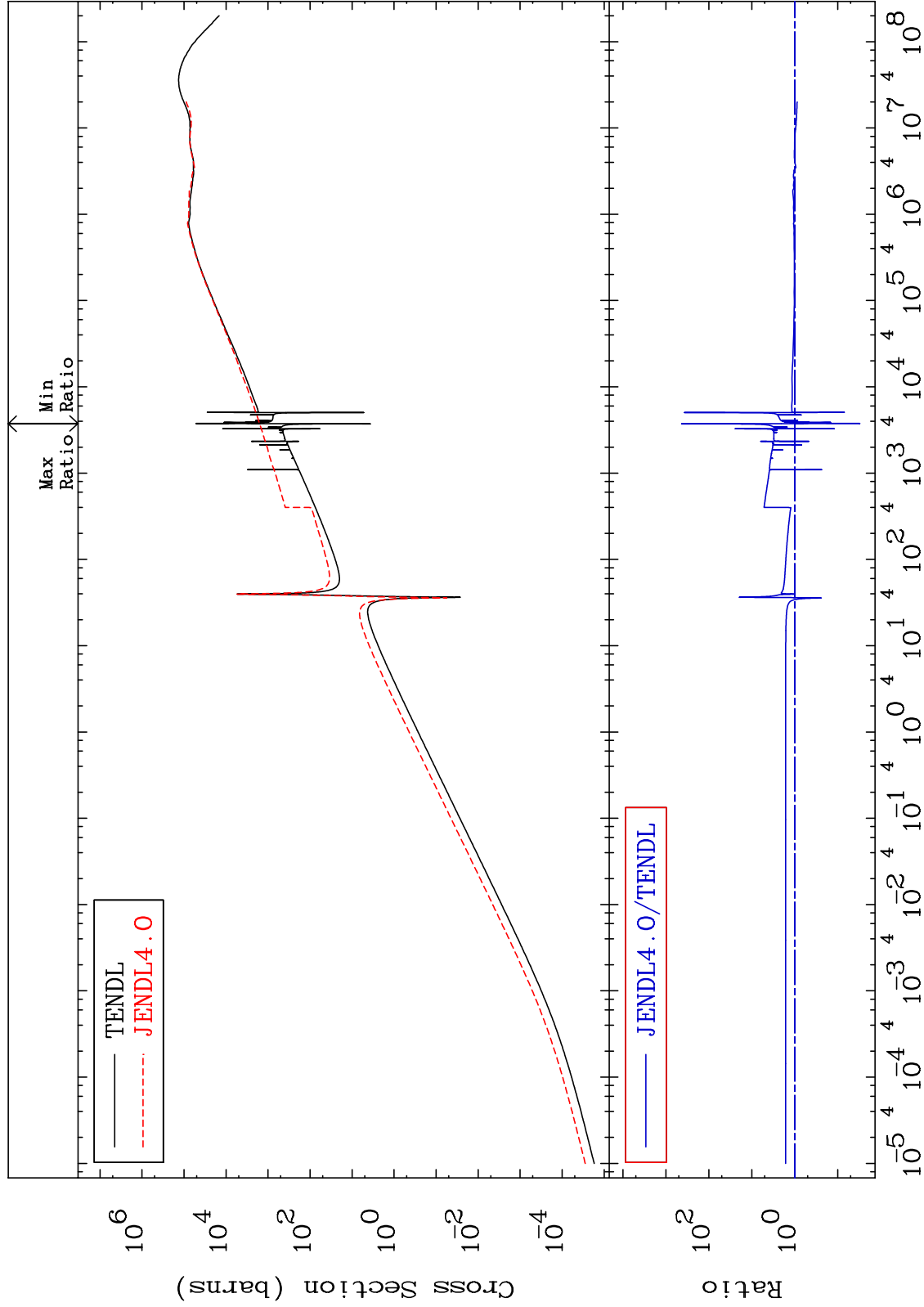
Incident Energy (eV)

36-Kr-82

MAT 3637

Kerma elastic  
Cross Section

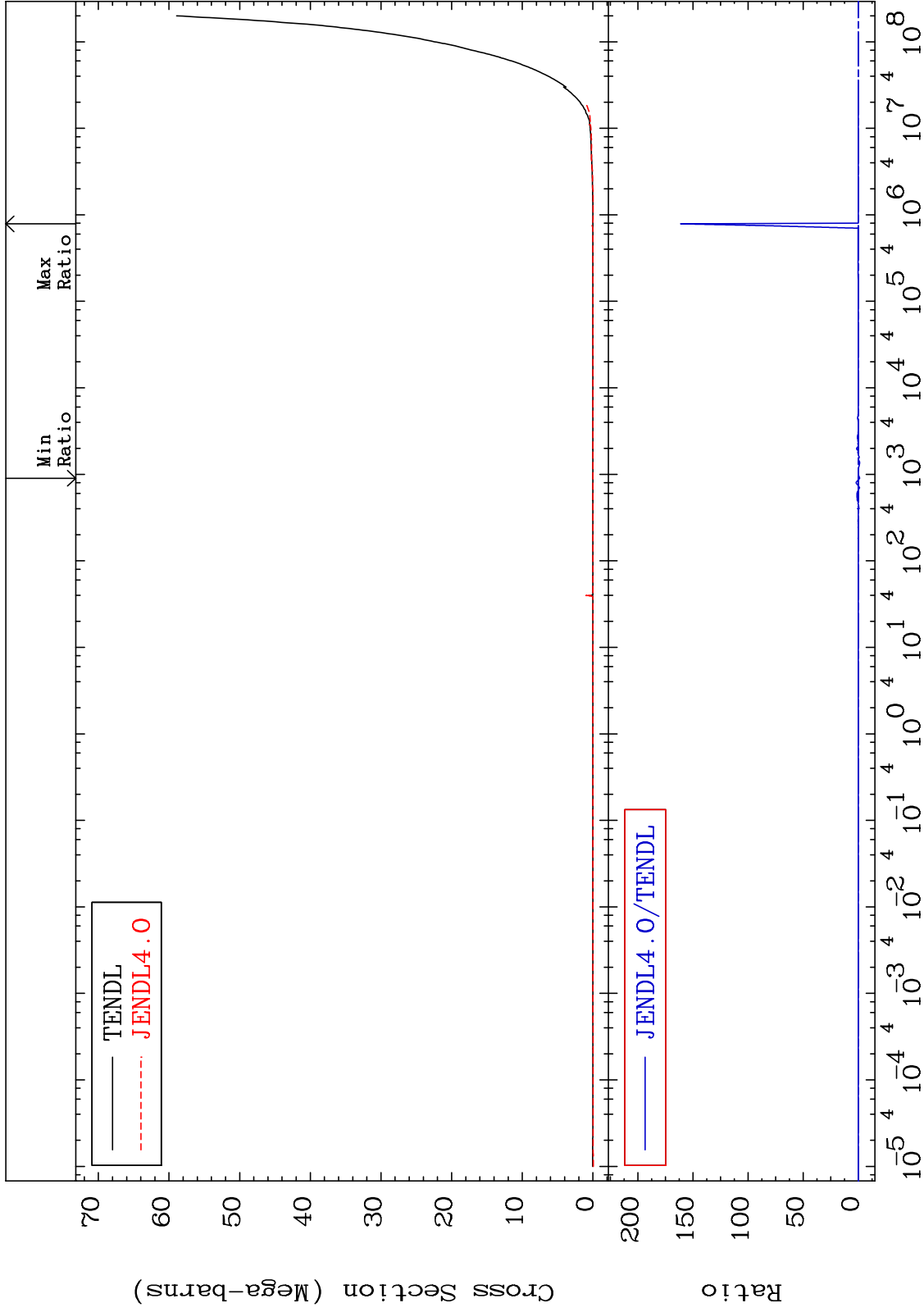
36-Kr-82  
-96.93 To 9999. %



MAT 3637

Kerma non-elastic (all but mt.2)  
Cross Section

36-Kr-82  
-9999. To 9999. %

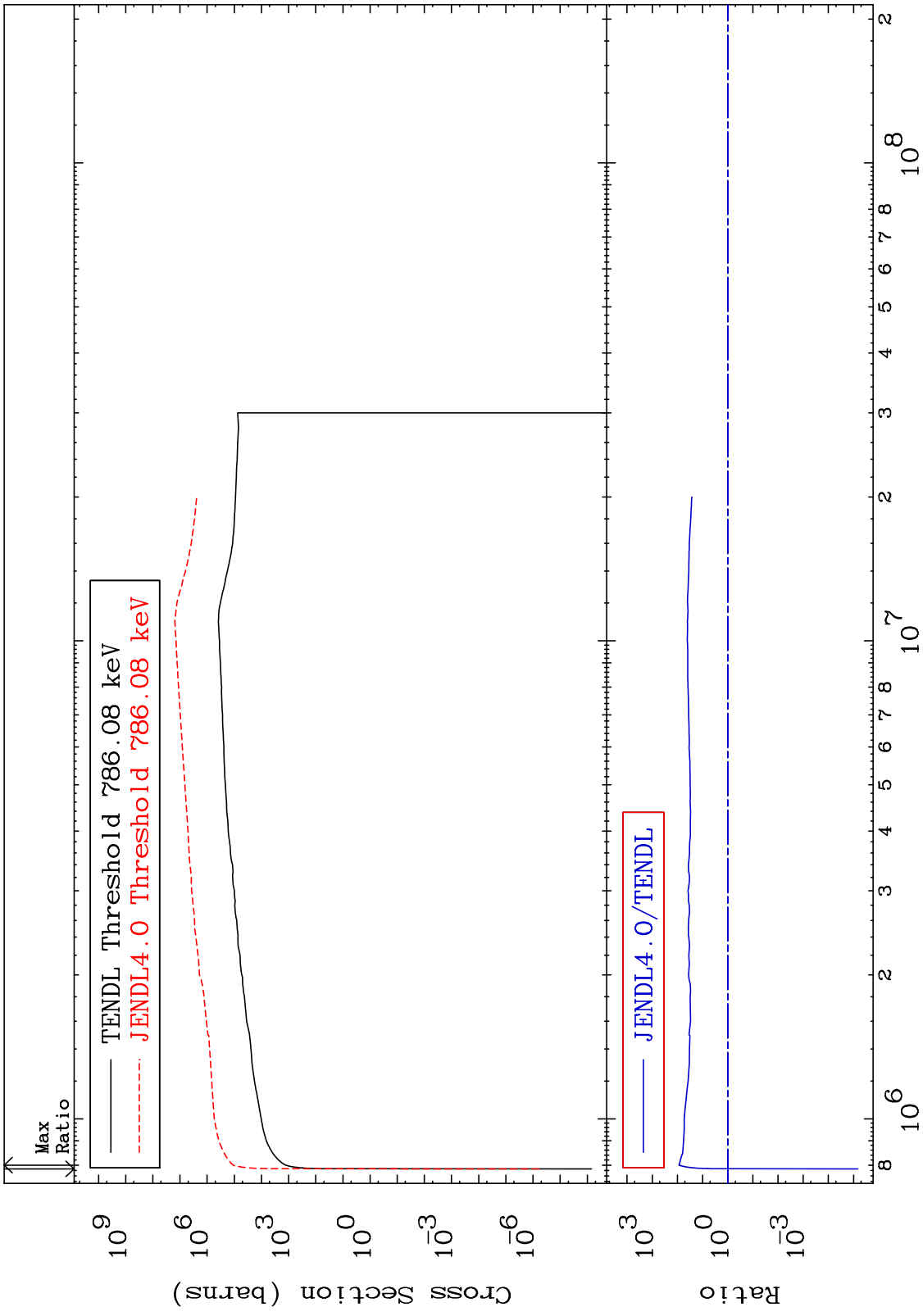


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Incident Energy (eV)

36-Kr-82

MAT 3637 Kerma inelastic (mt51-91) 36-Kr-82  
-100.0 To 8487. %  
Cross Section

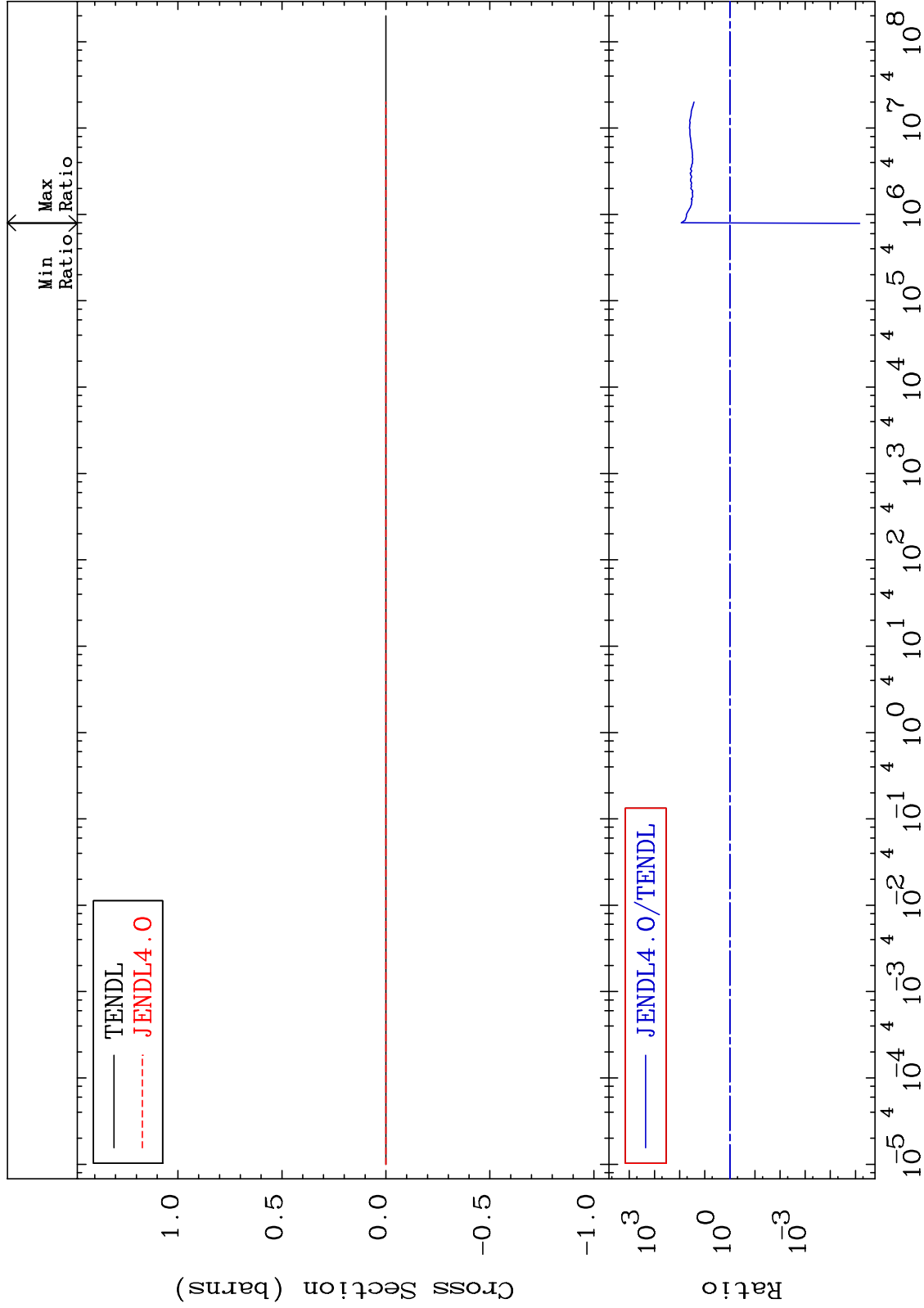




MAT 3637

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

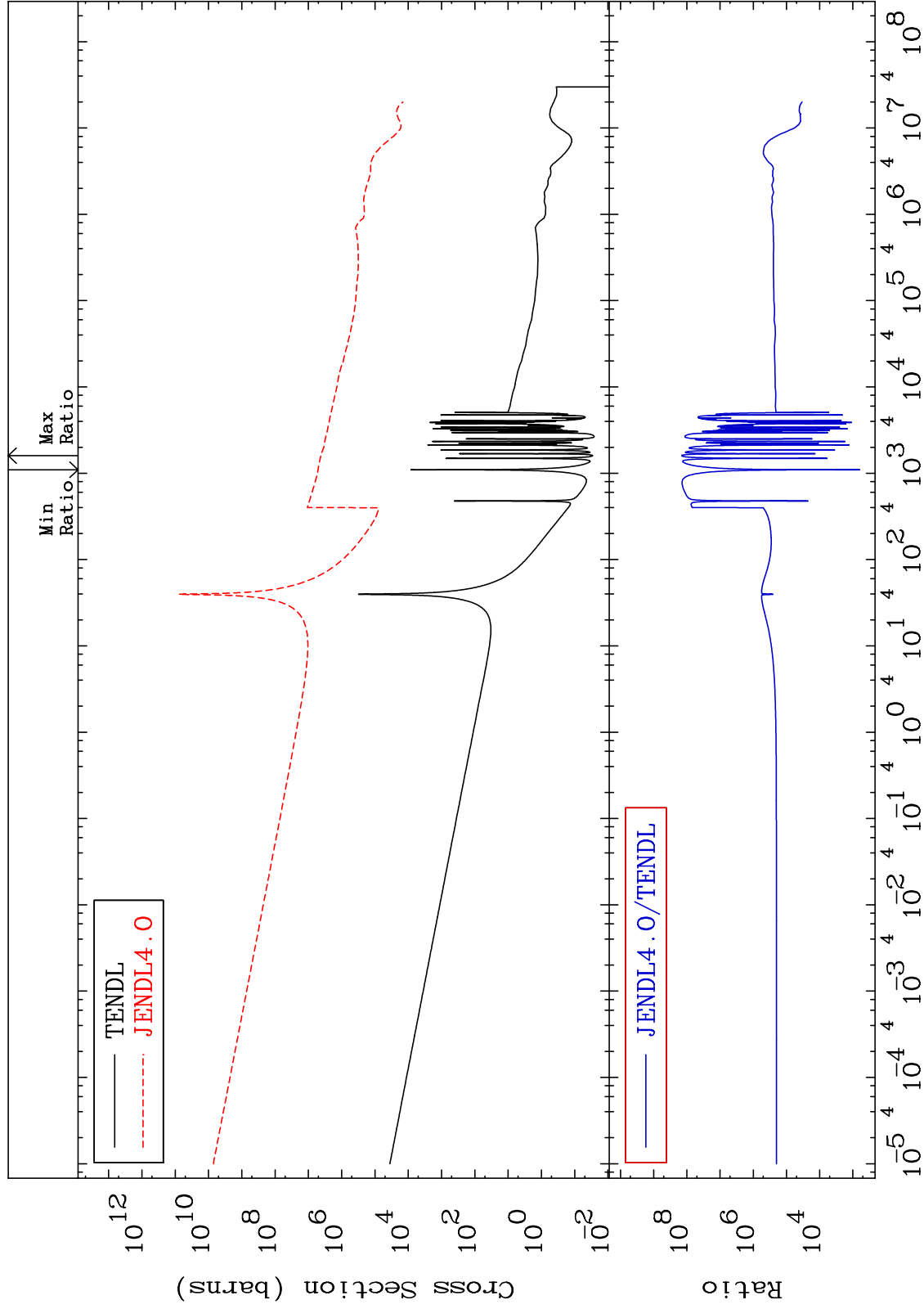
36-Kr-82  
-100.0 To 8487. %



MAT 3637

Kerma capture (mt102)  
Cross Section

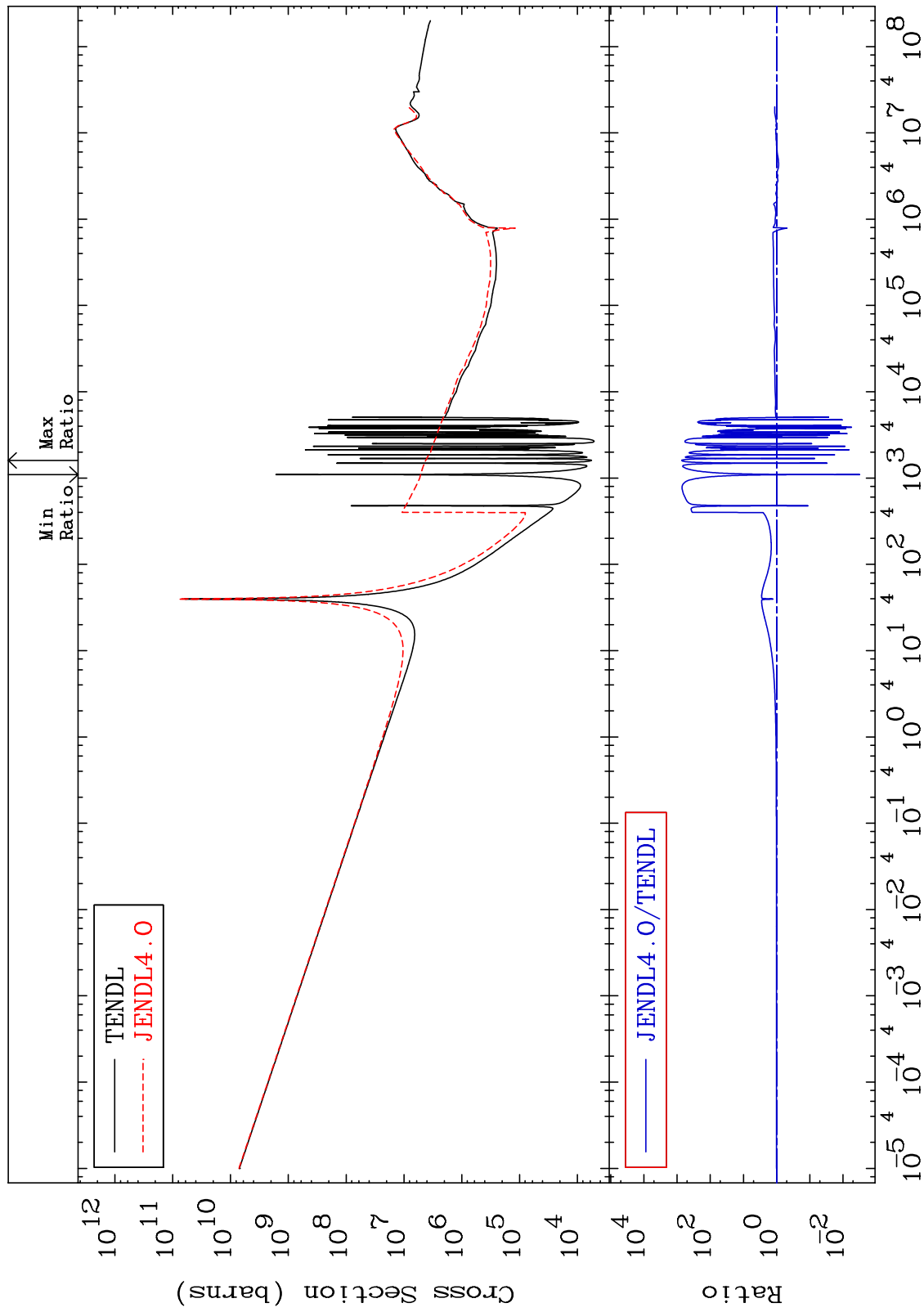
36-Kr-82  
9999. To 9999. %



MAT 3637

Total photon (eV-barns)  
Cross Section

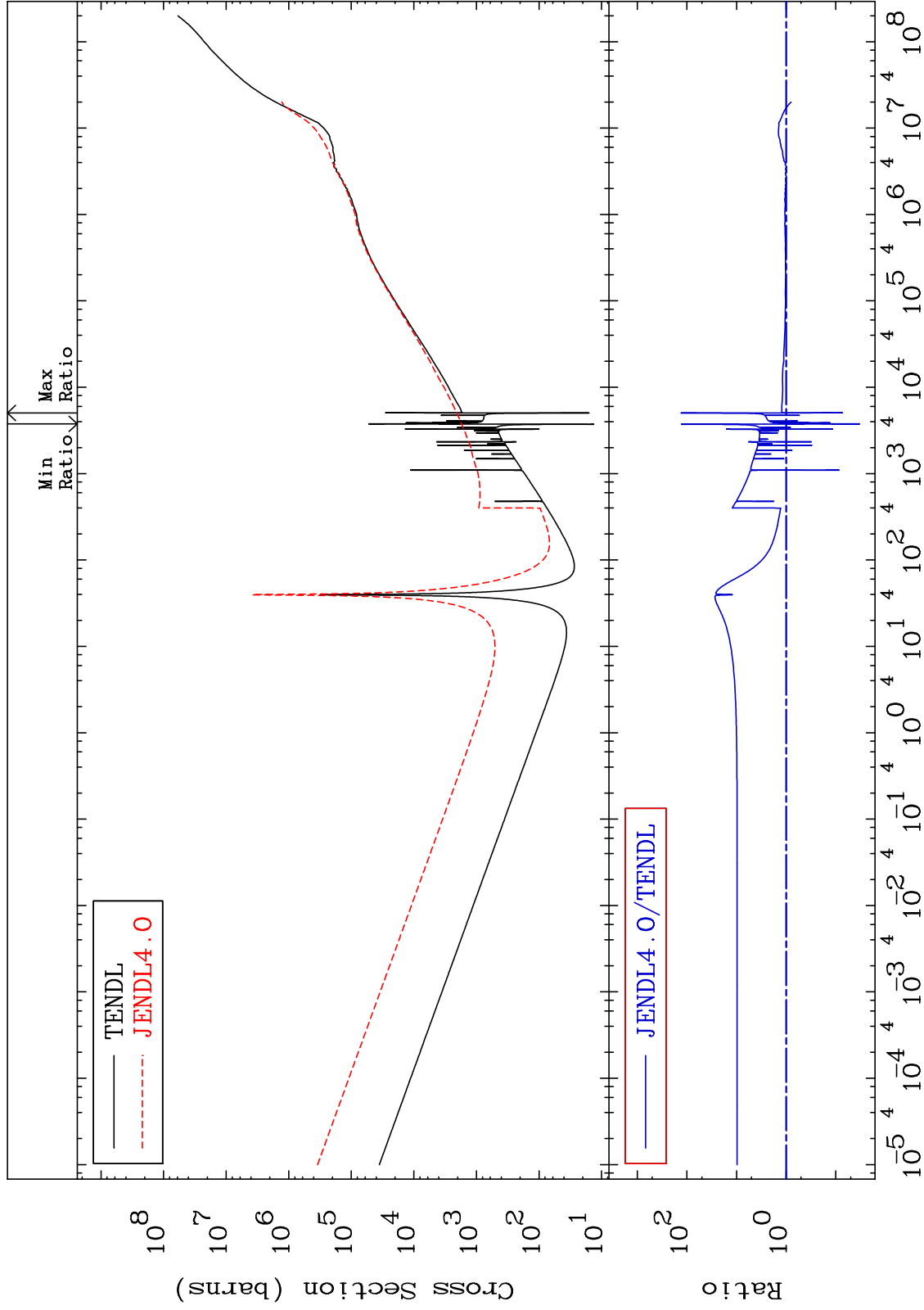
36-Kr-82  
-99.69 To 9999. %



MAT 3637

Total kinematic kerma (high limit)  
Cross Section

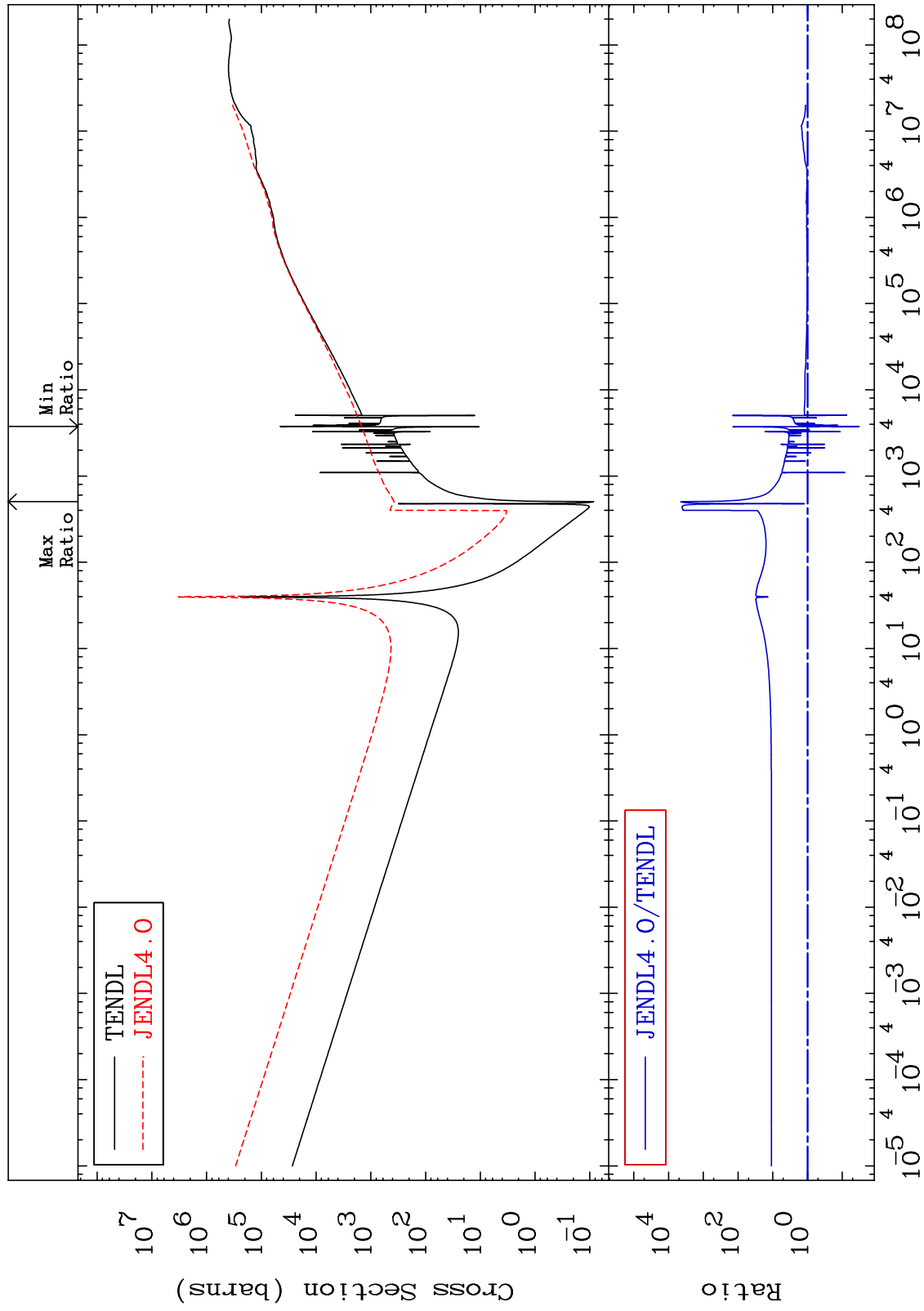
36-Kr-82  
-96.72 To 9999. %



MAT 3637

Dpa total (eV-barns)  
Cross Section

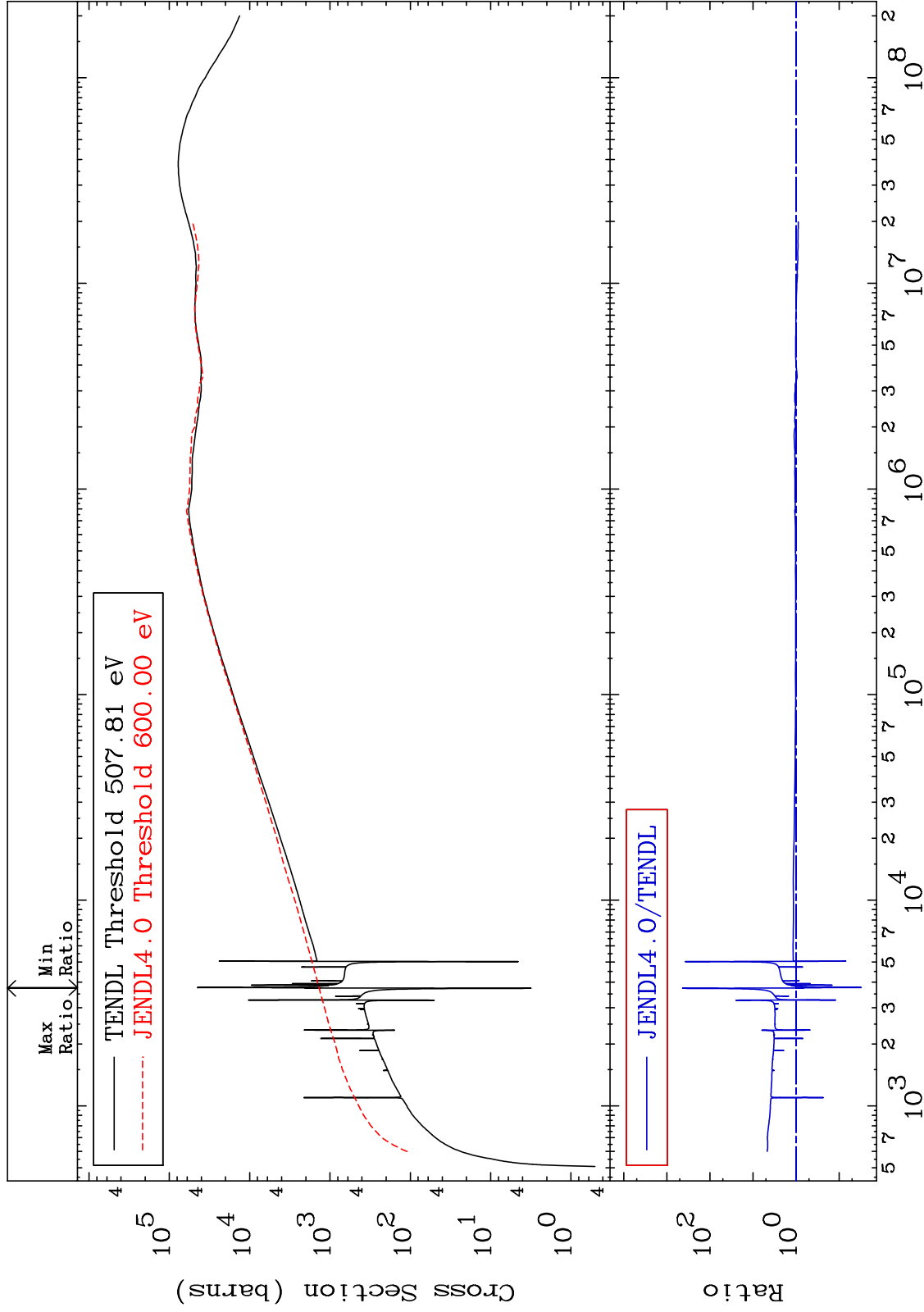
36-Kr-82  
-96.72 To 9999. %



MAT 3637

Dpa elastic (mt2)  
Cross Section

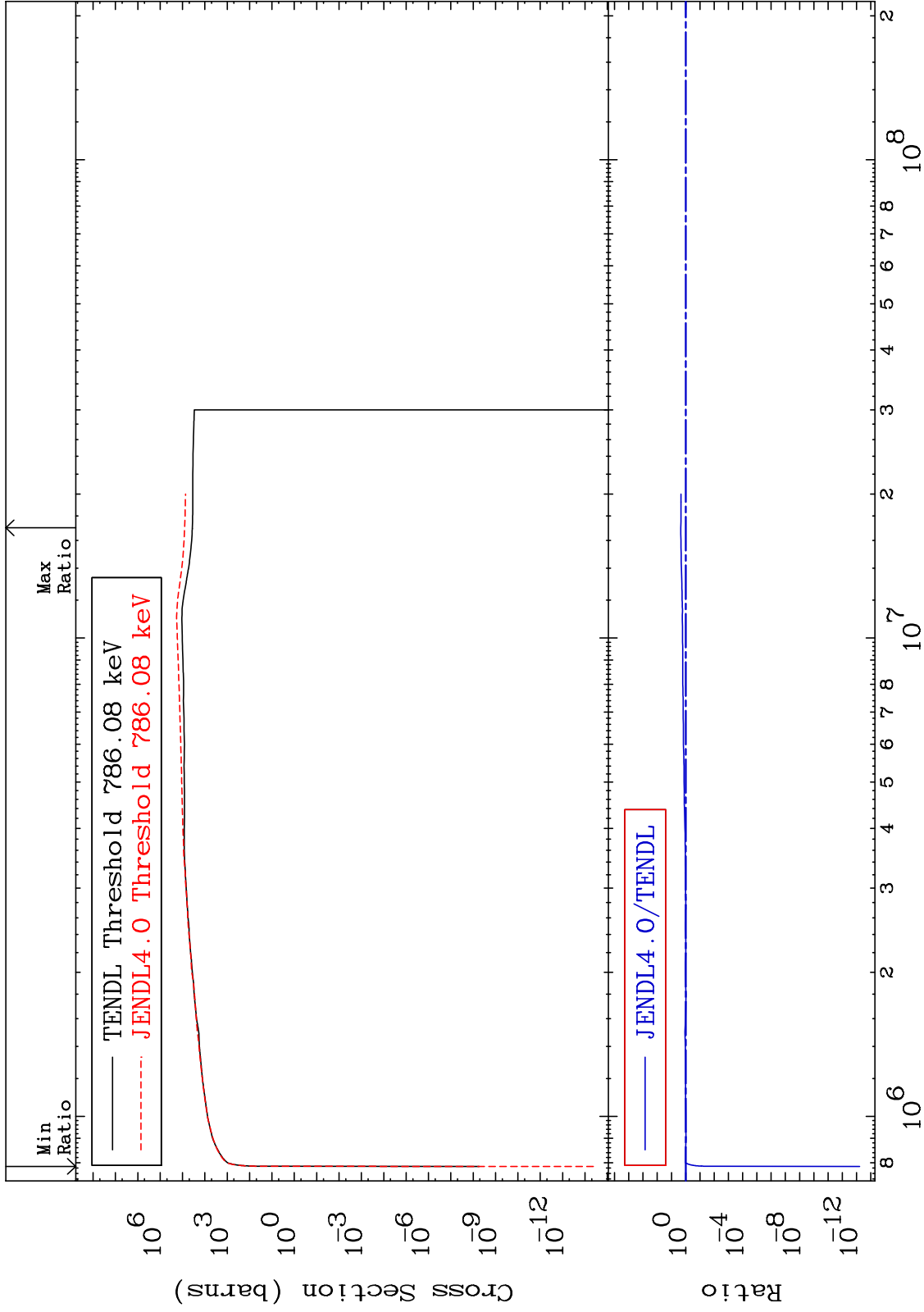
36-Kr-82  
-96.93 To 9999. %



MAT 3637

Dpa inelastic (mt51-91)  
Cross Section

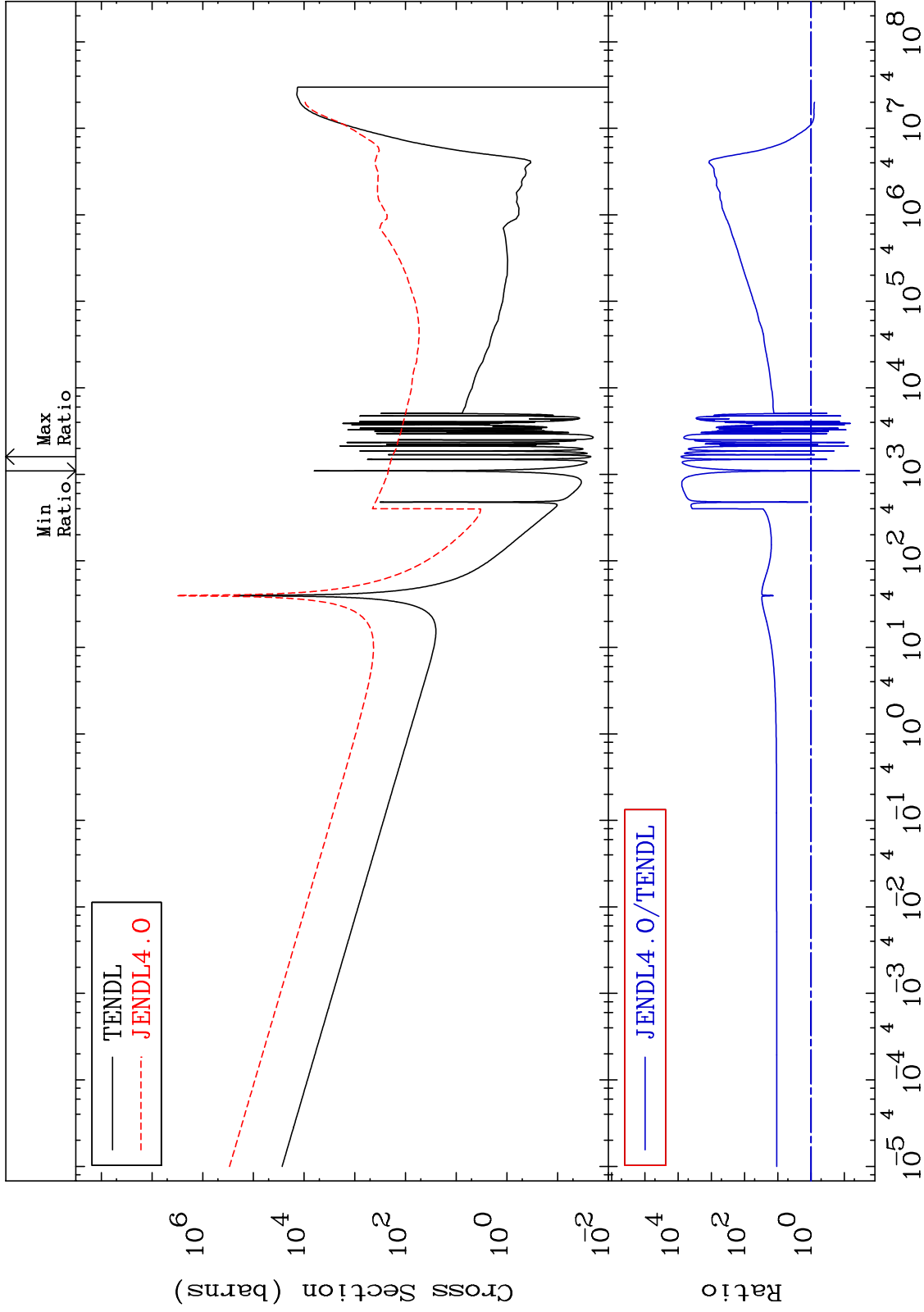
36-Kr-82  
-100.0 To 120.8 %



MAT 3637

Dpa disappearance (mt102 -120)  
Cross Section

36-Kr-82  
-96.54 To 9999. %





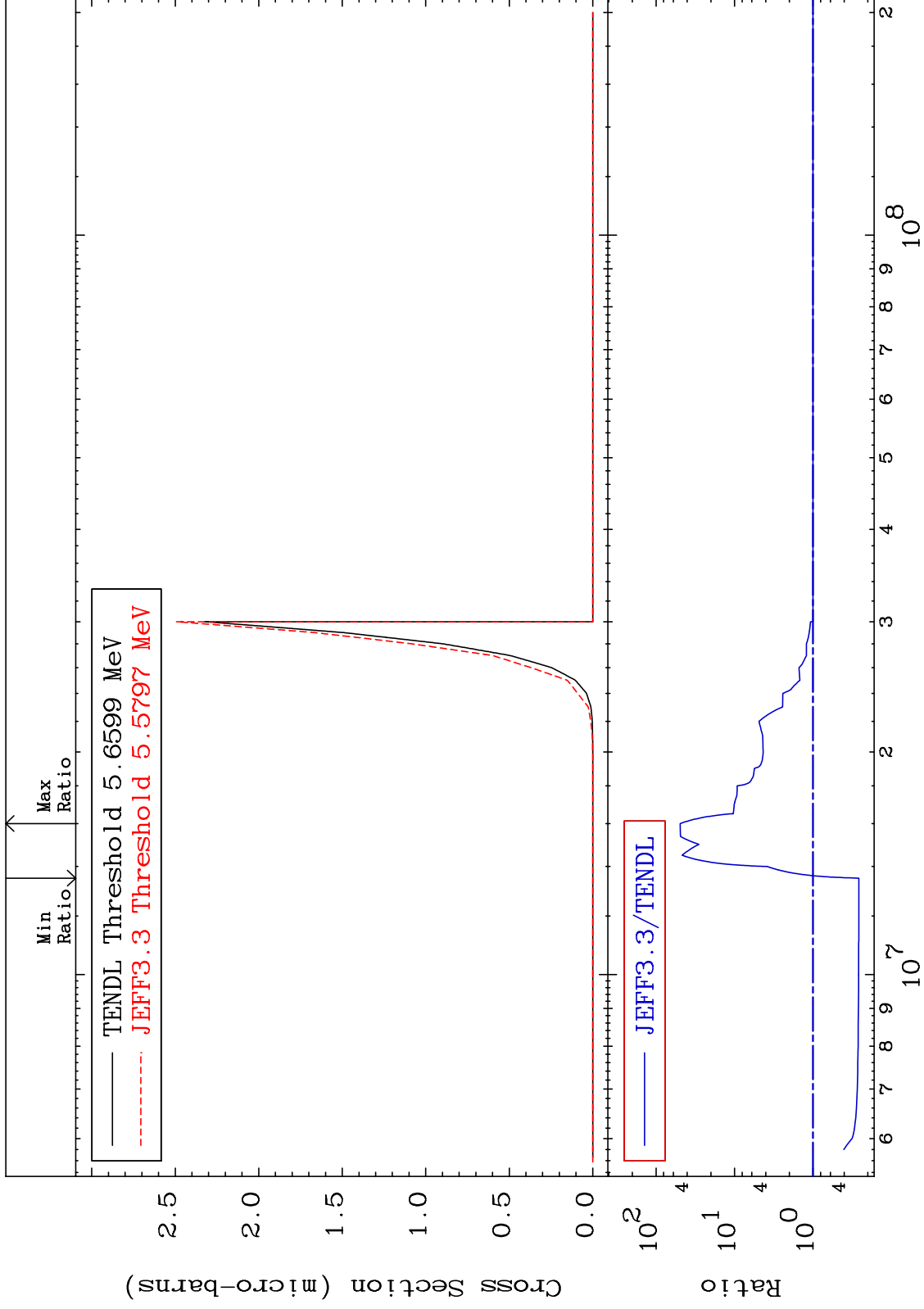
MAT 3637

(n,2α)

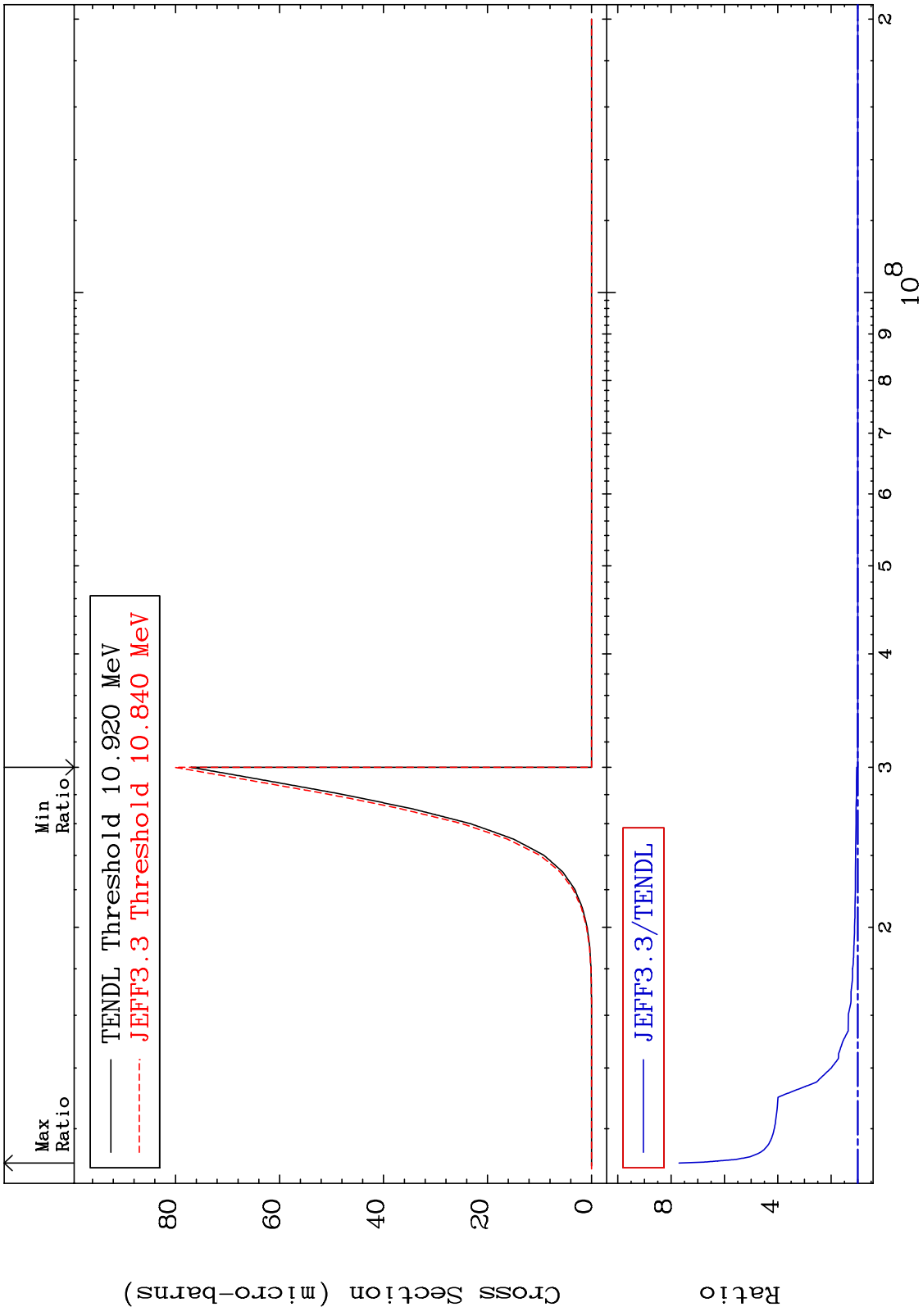
36-Kr-82

Cross Section

-74.00 To 4816. %



MAT 3637 (n,2p) Cross Section 36-Kr-82 To 670.4 %



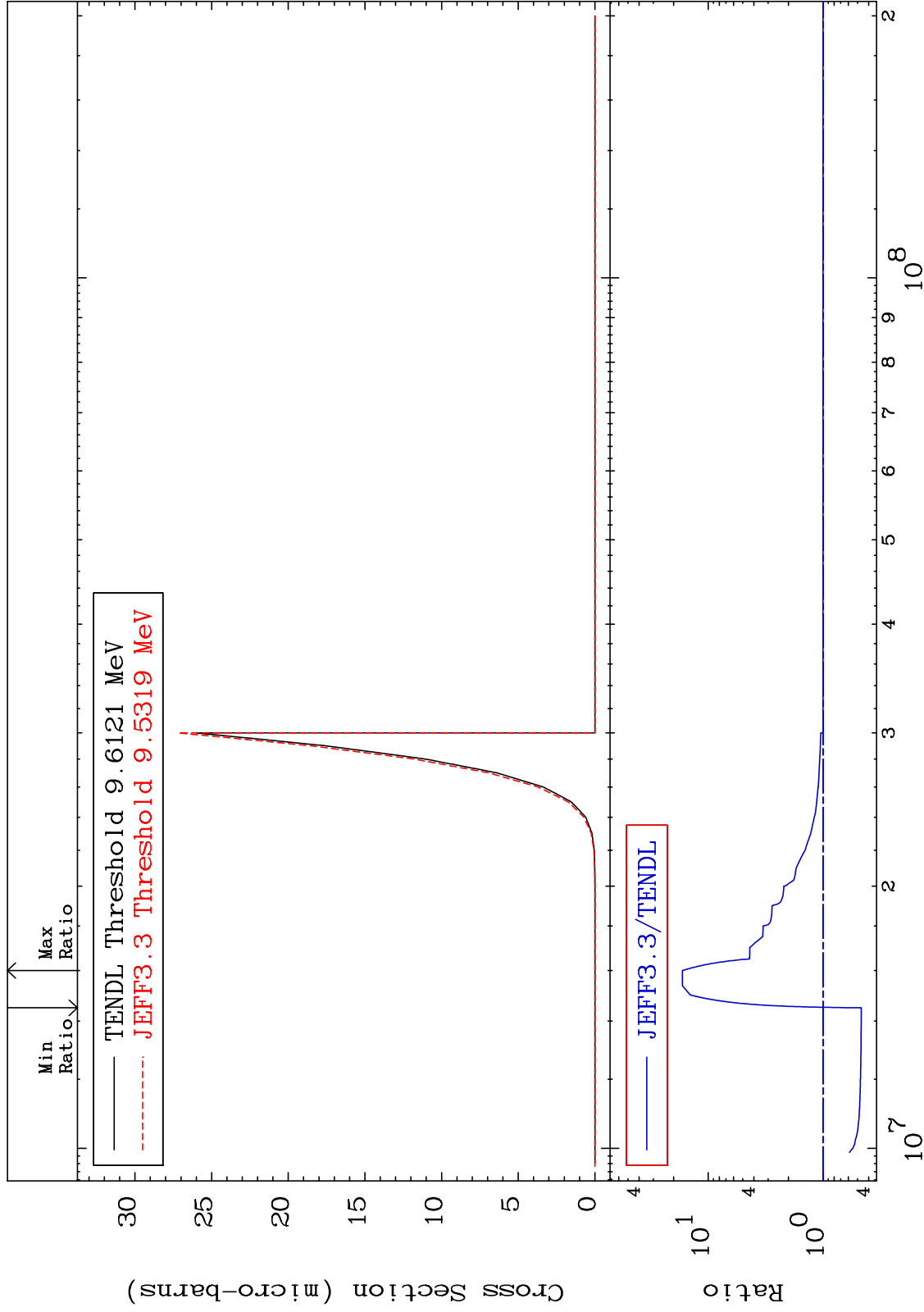
MAT 3637

(n,p)  $\alpha$

36-Kr-82

Cross Section

-53.63 To 1575. %

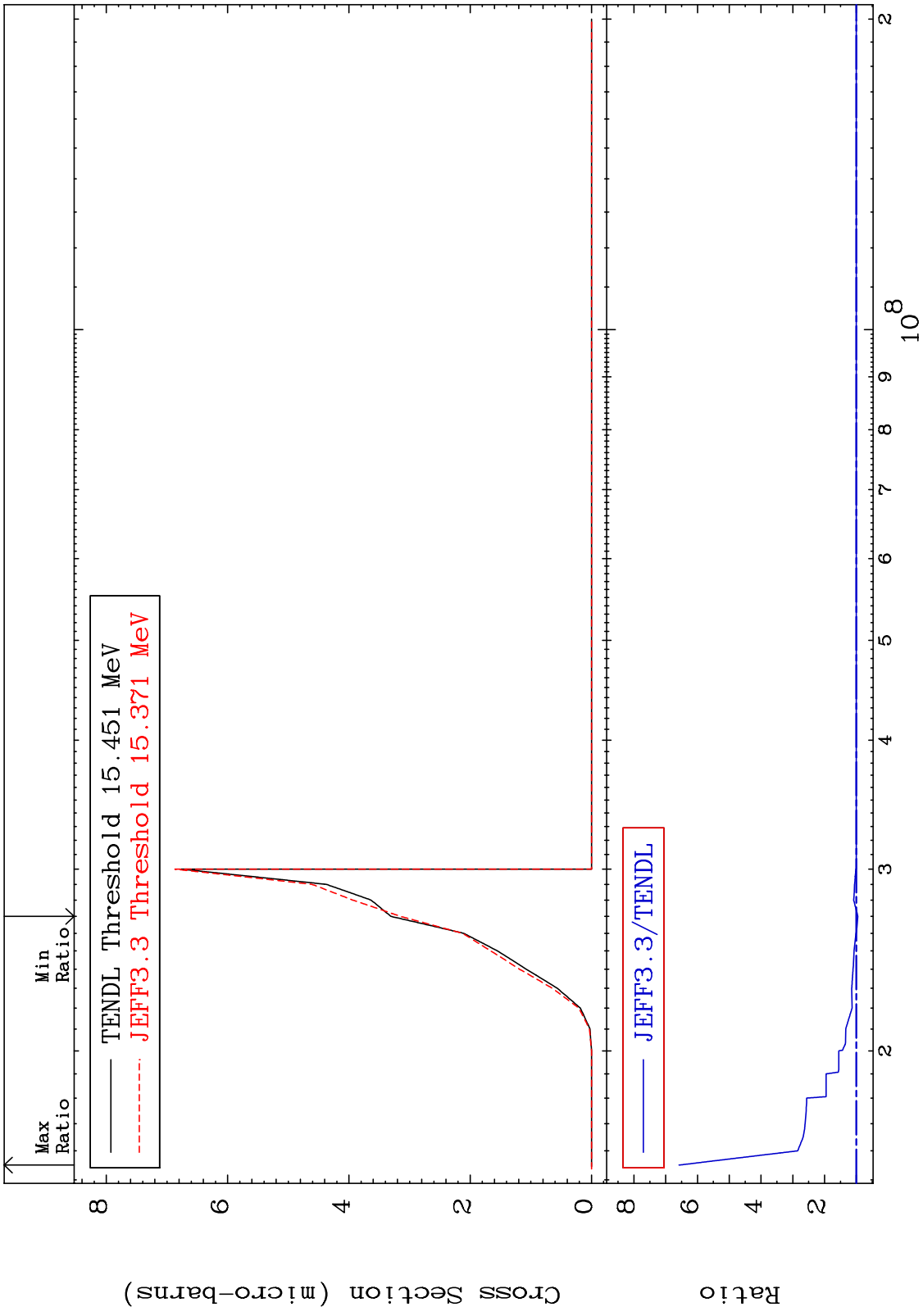


58

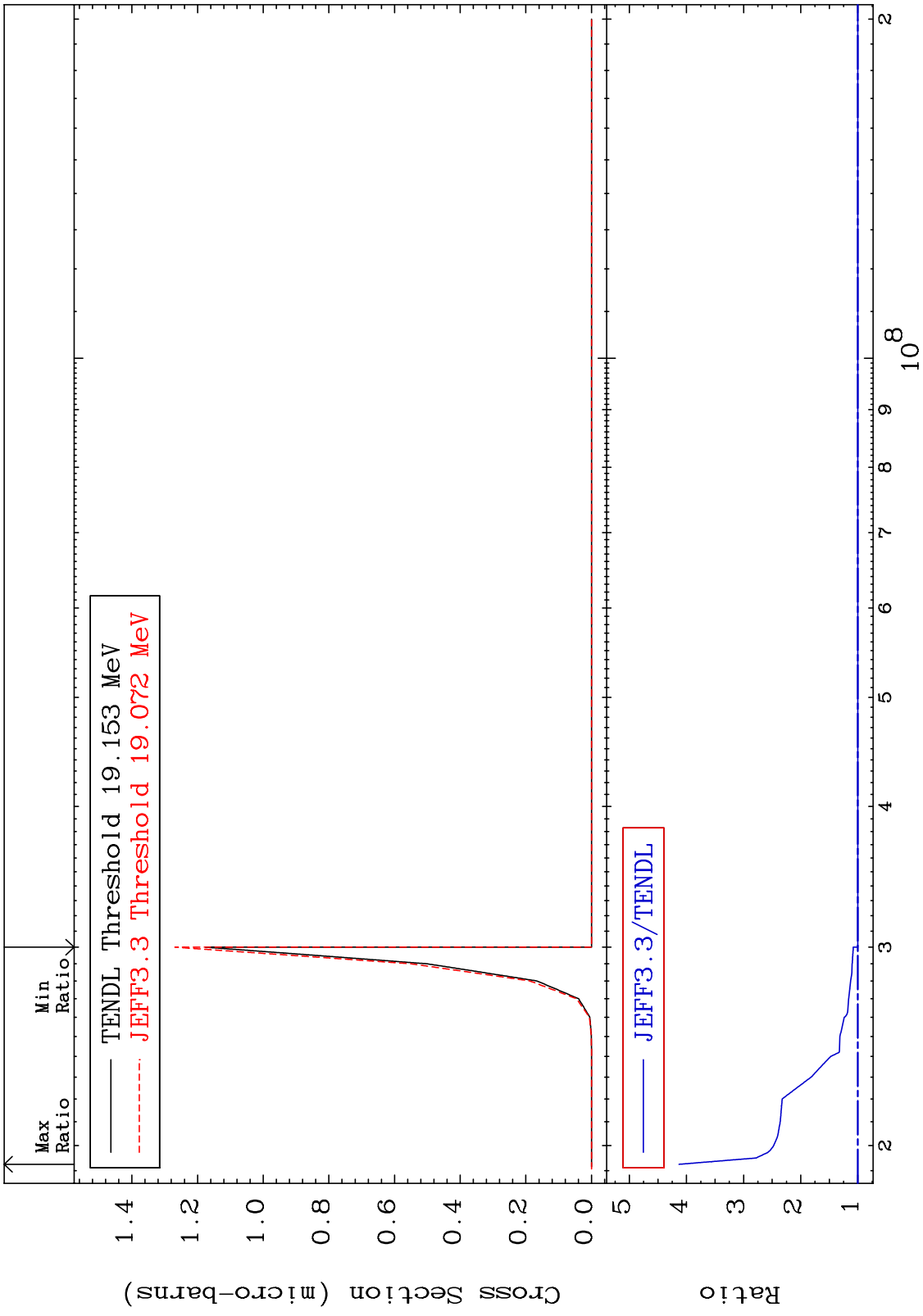
Incident Energy (eV)

36-Kr-82

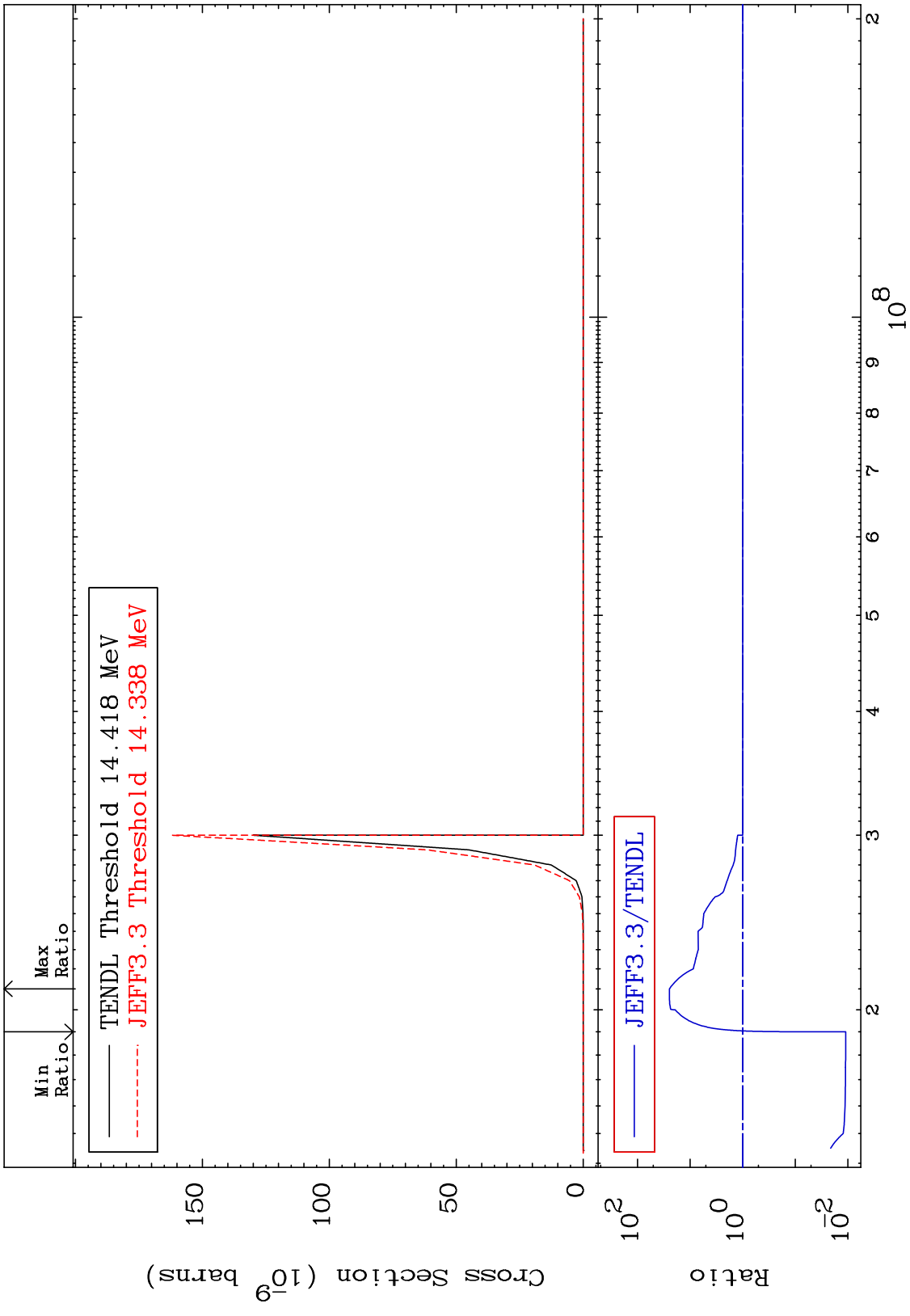
MAT 3637 (n,p) d 36-Kr-82  
 Cross Section -4.764 To 558.0 %



MAT 3637 (n,p) t 36-Kr-82  
 Cross Section 0.000 To 313.0 %



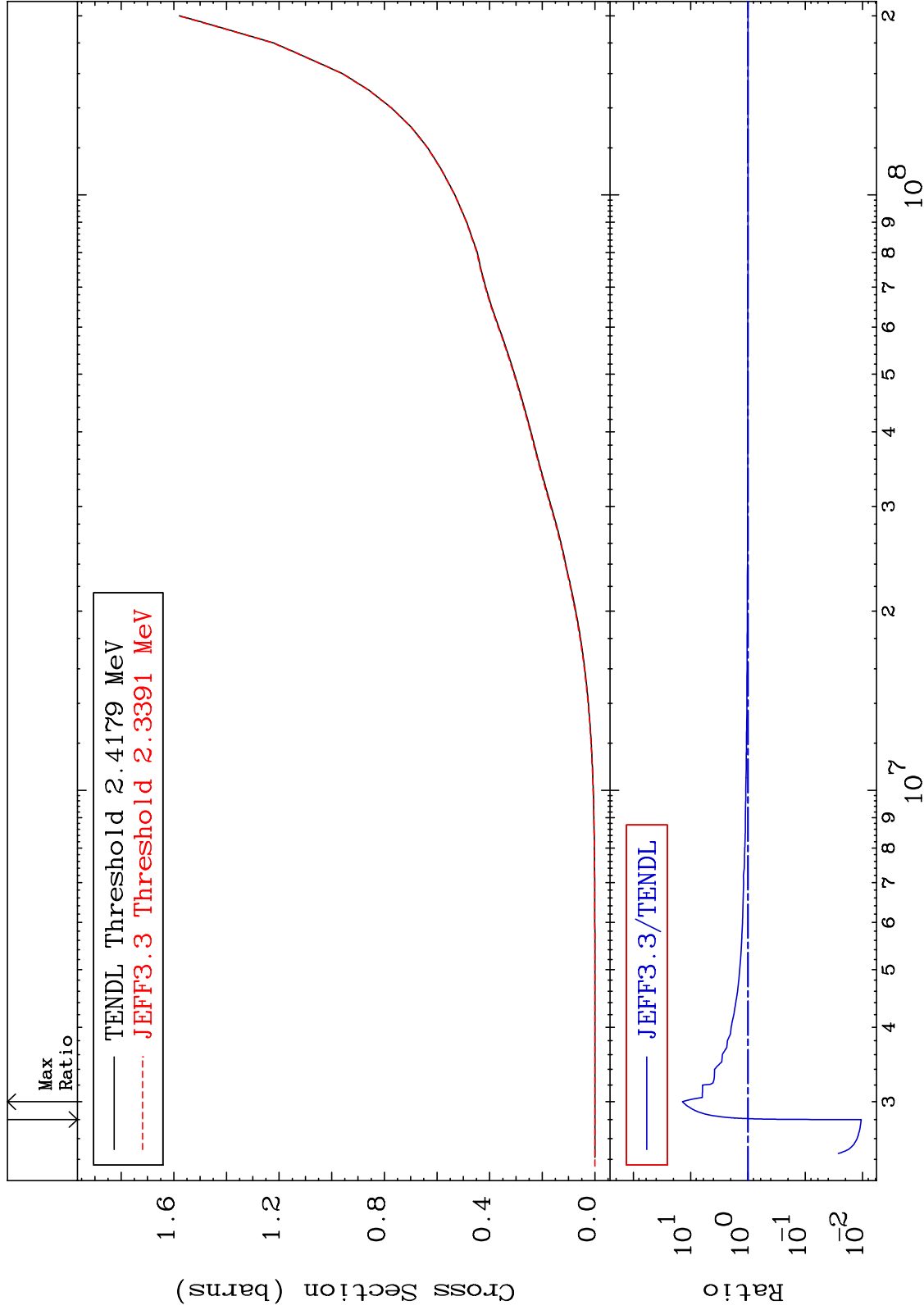
MAT 3637 (n,d)  $\alpha$  36-Kr-82  
 Cross Section -98.90 To 2364. %



MAT 3637

Hydrogen Production  
Cross Section

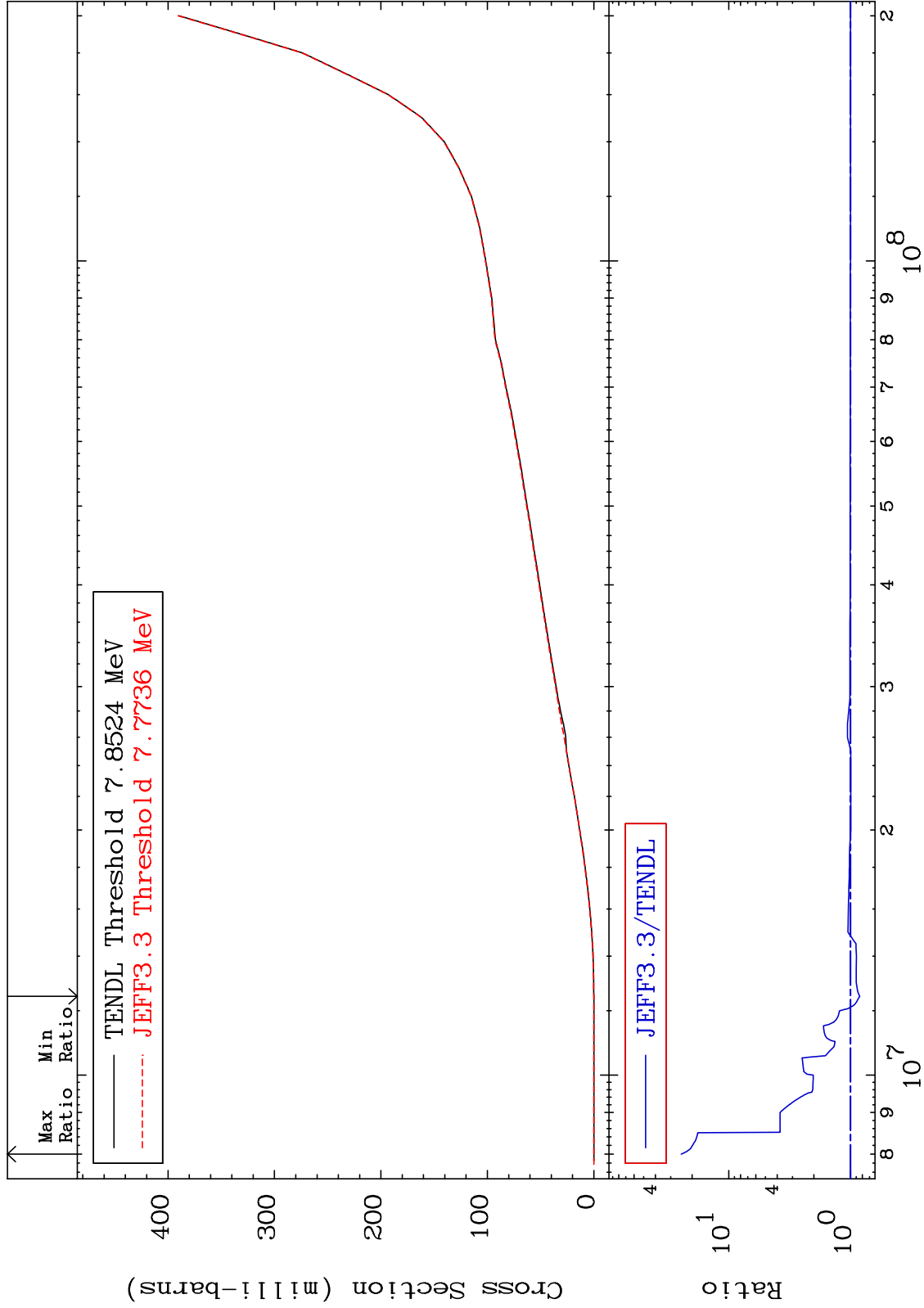
36-Kr-82  
-98.94 To 1290. %



MAT 3637

Deuterium Production  
Cross Section

36-Kr-82  
-15.88 To 2356. %



63

Incident Energy (eV)

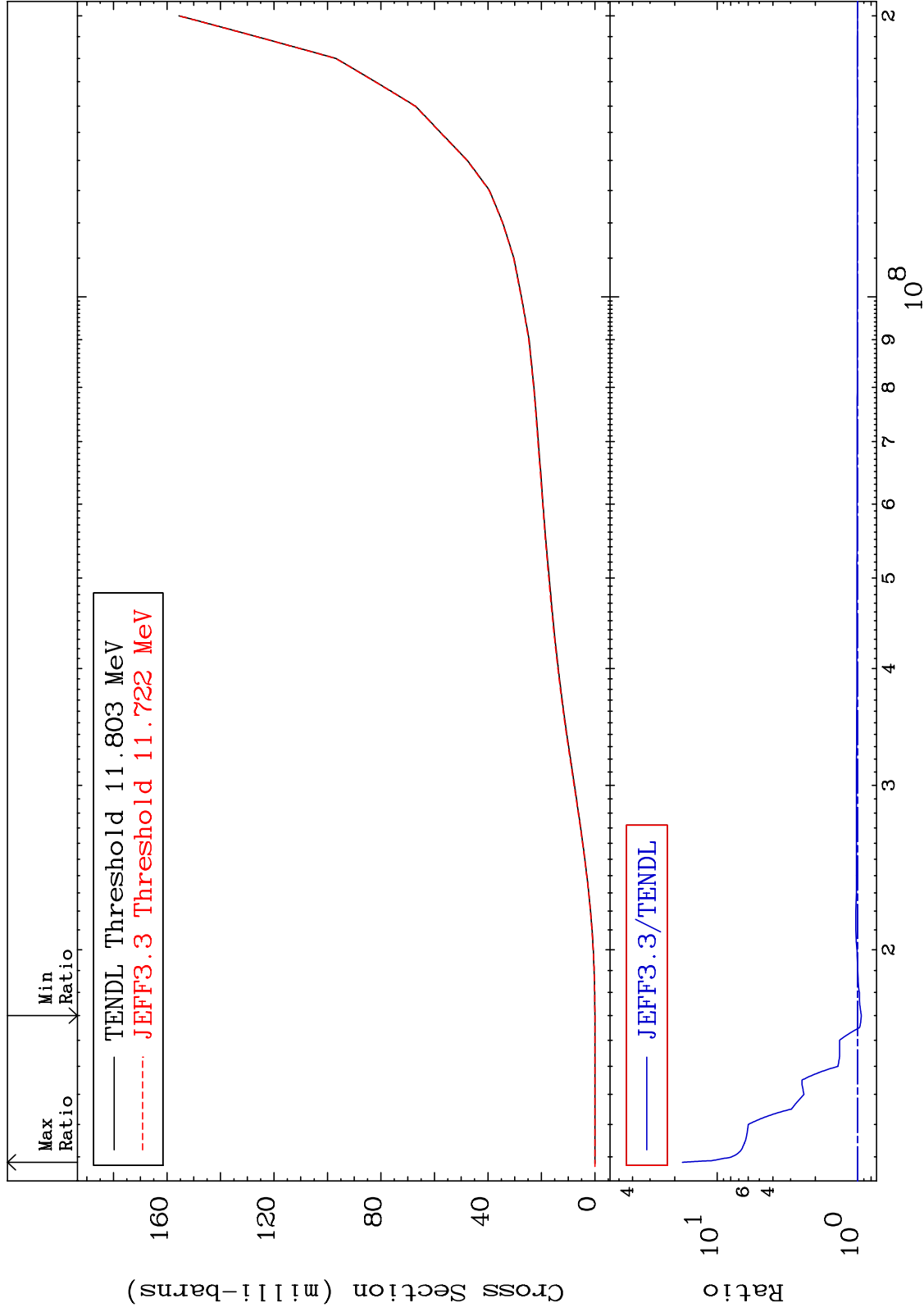
36-Kr-82



MAT 3637

Tritium Production  
Cross Section

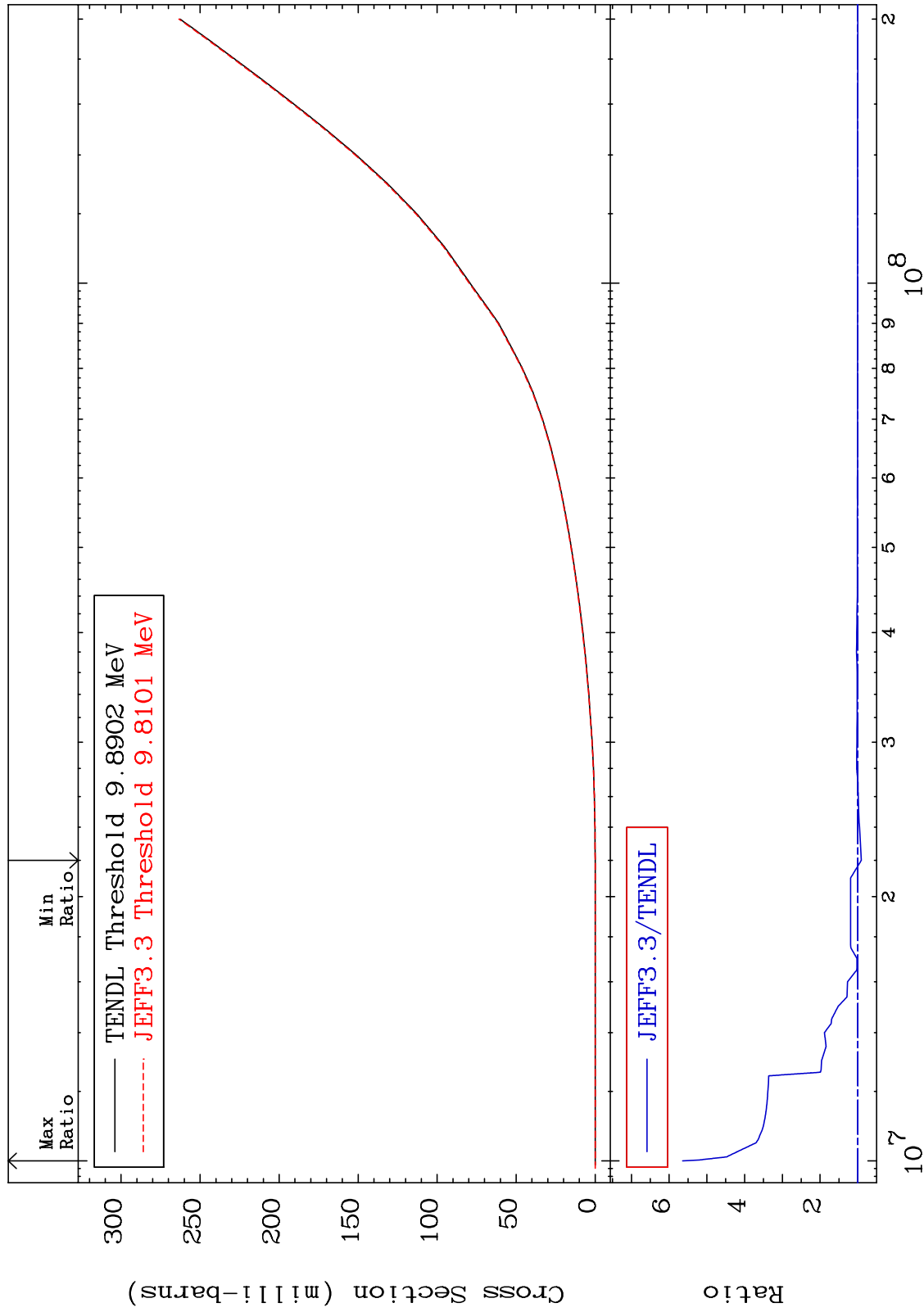
<sup>36</sup>Kr-82  
-5.992 To 1664. %



MAT 3637

He-3 Production  
Cross Section

36-Kr-82  
-9.360 To 464.2 %



65

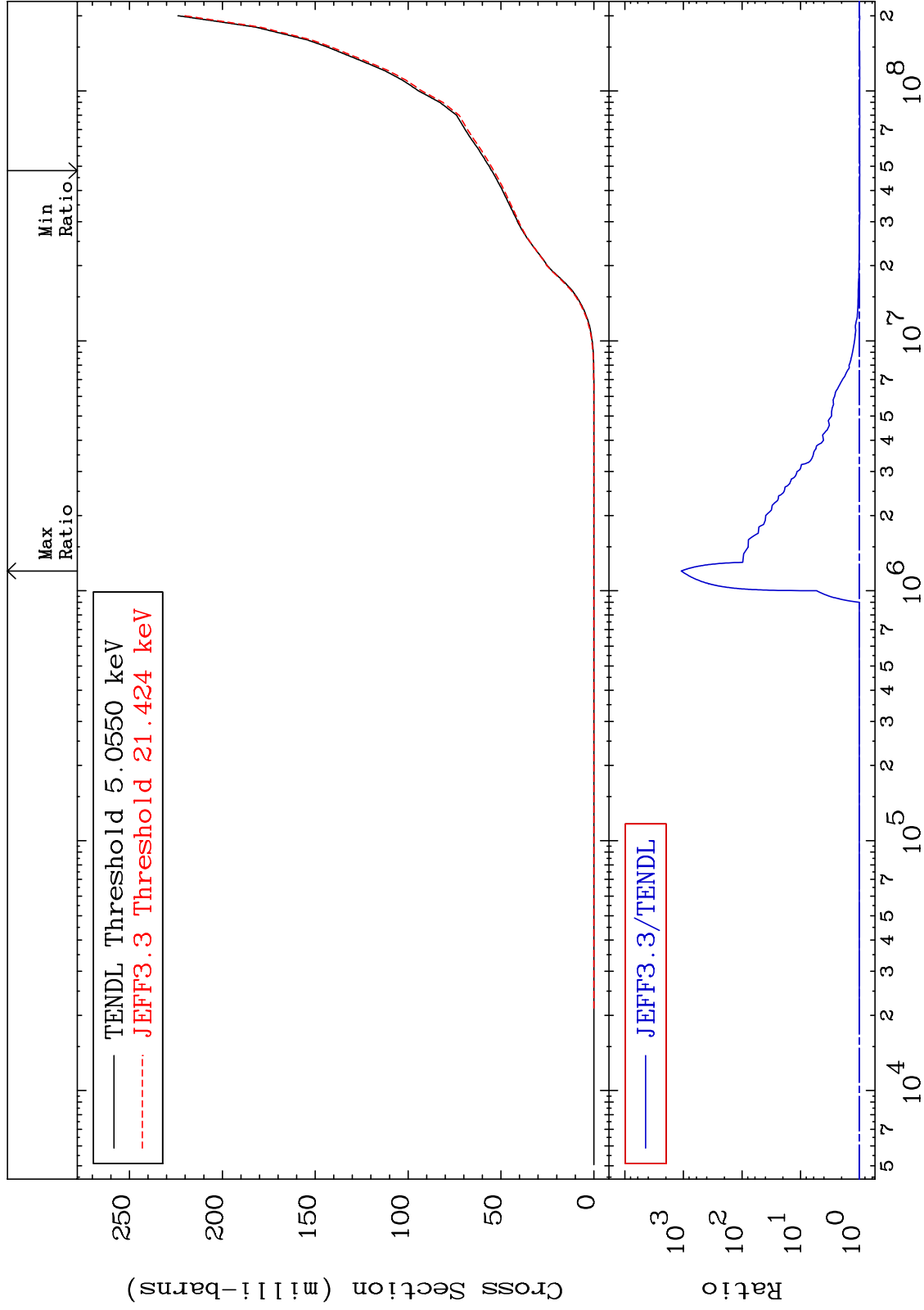
Incident Energy (eV)

36-Kr-82

MAT 3637

He-4 Production  
Cross Section

36-Kr-82  
-2.068 To 9999. %



66

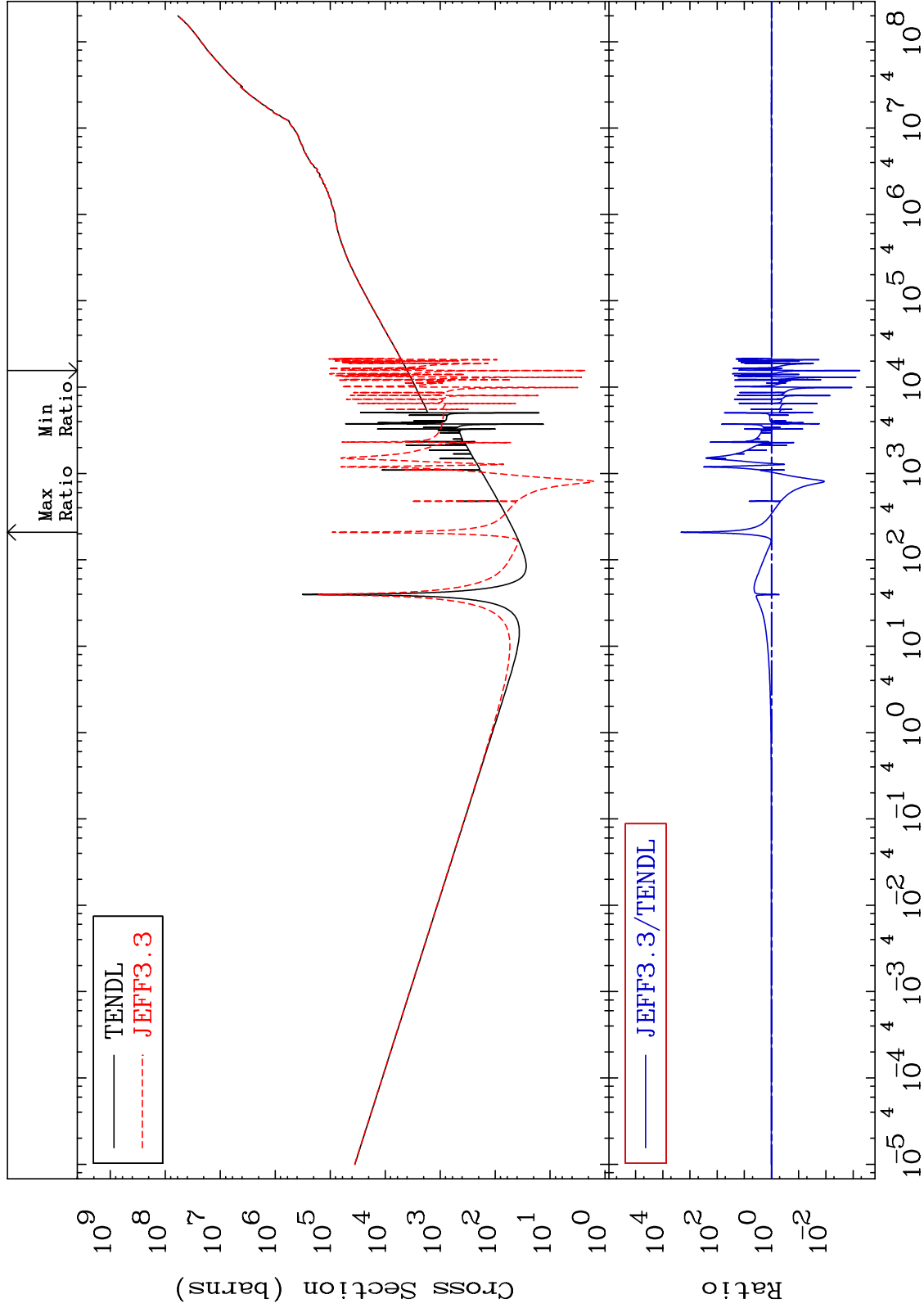
Incident Energy (eV)

36-Kr-82

MAT 3637

Kerma total (eV-barns)  
Cross Section

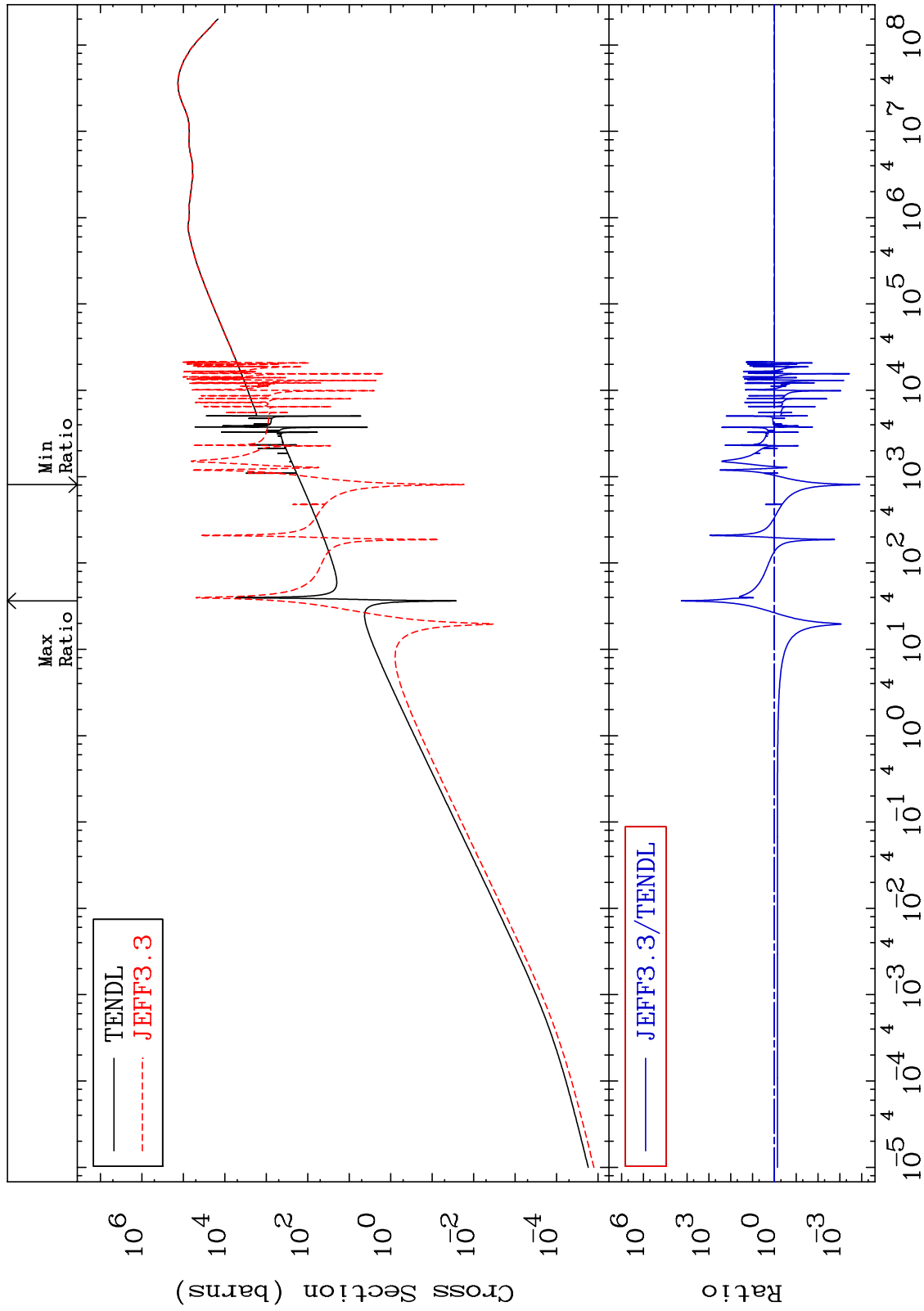
36-Kr-82  
-99.94 To 9999. %



MAT 3637

Kerma elastic  
Cross Section

36-Kr-82  
-99.99 To 9999. %

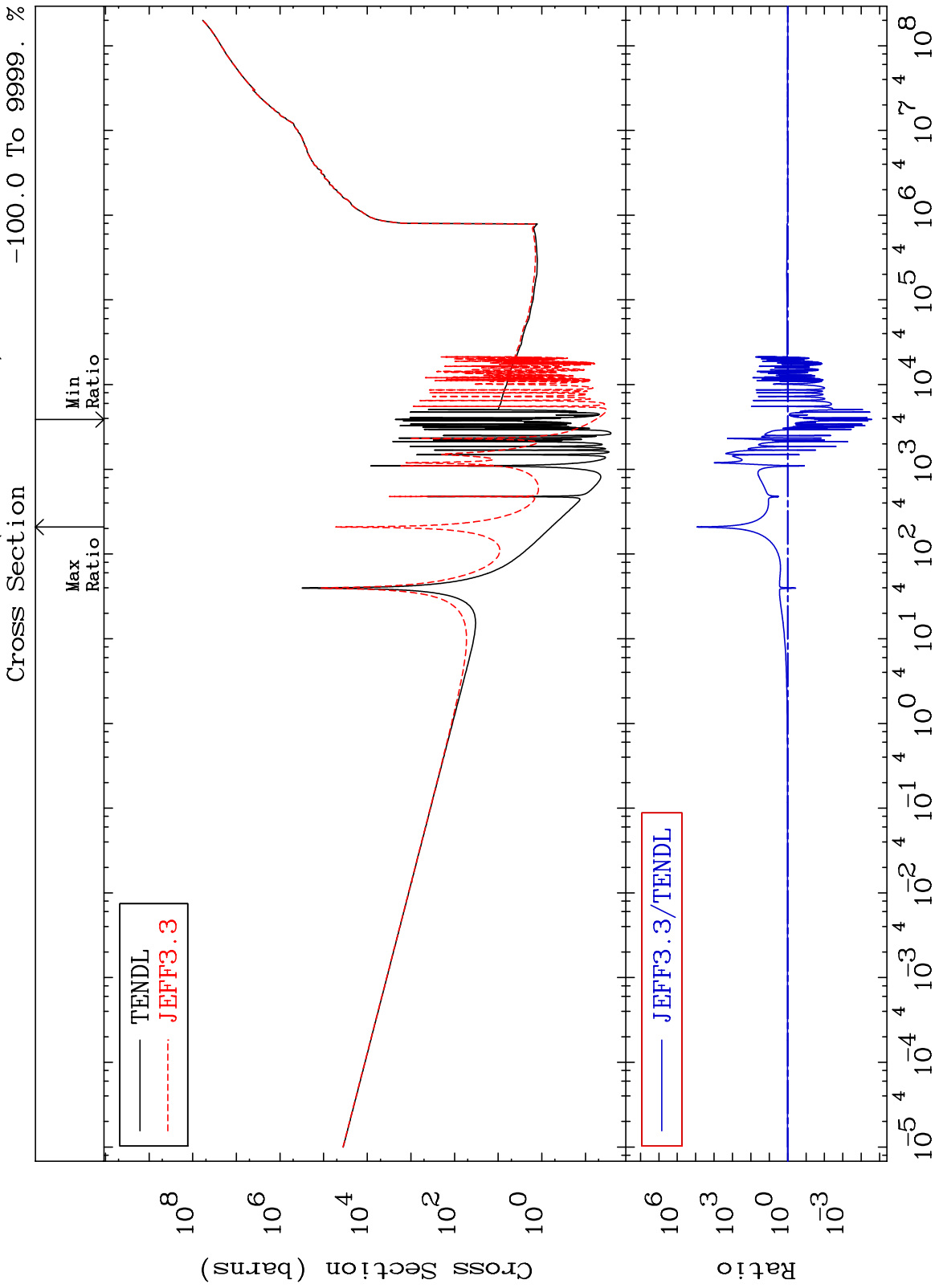


MAT 3637

Kerma non-elastic (all but mt2)

36-Kr-82

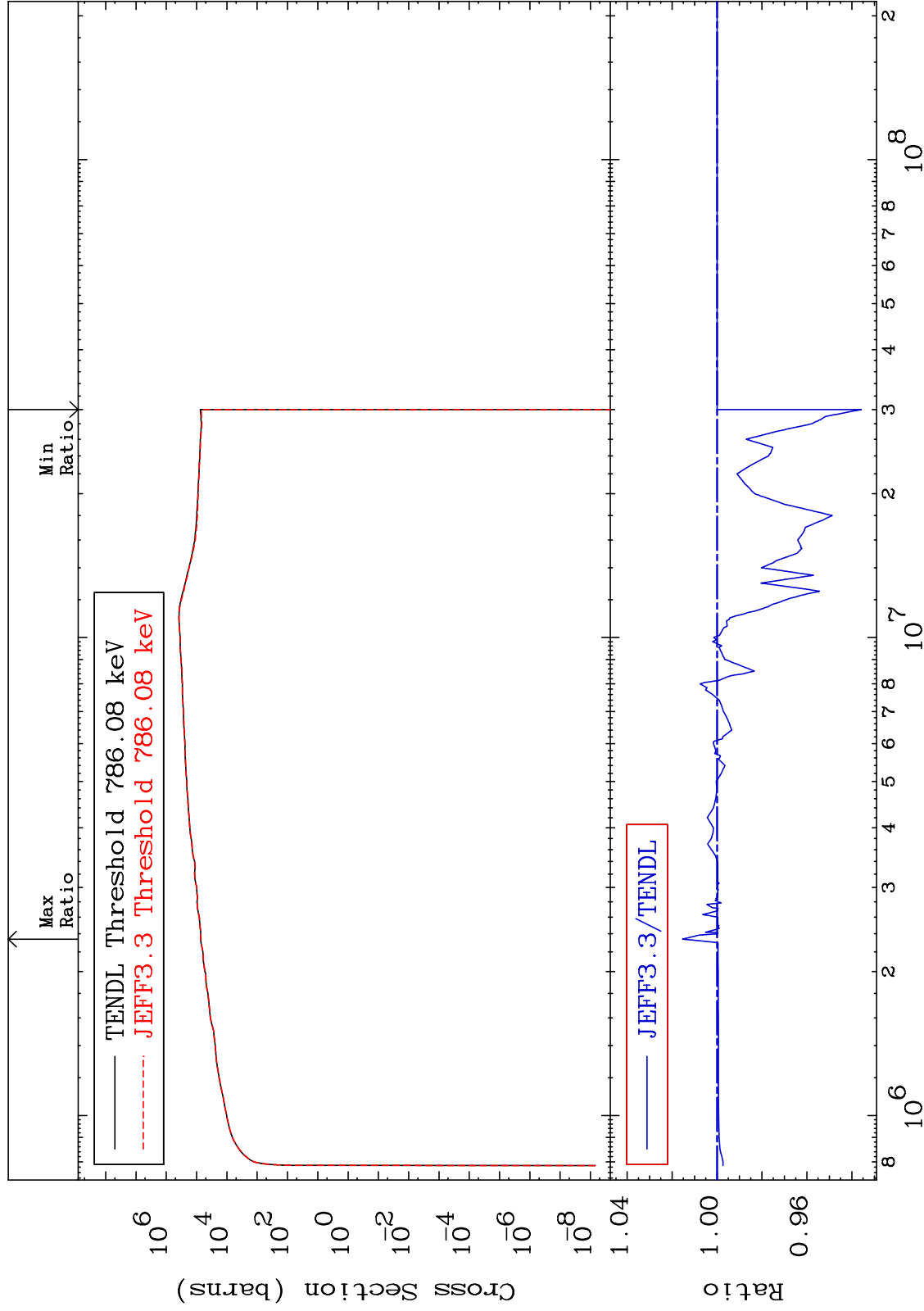
-100.0 To 9999. %



MAT 3637

Kerma inelastic (mt51-91)  
Cross Section

36-Kr-82  
-6.423 To 1.529 %



70

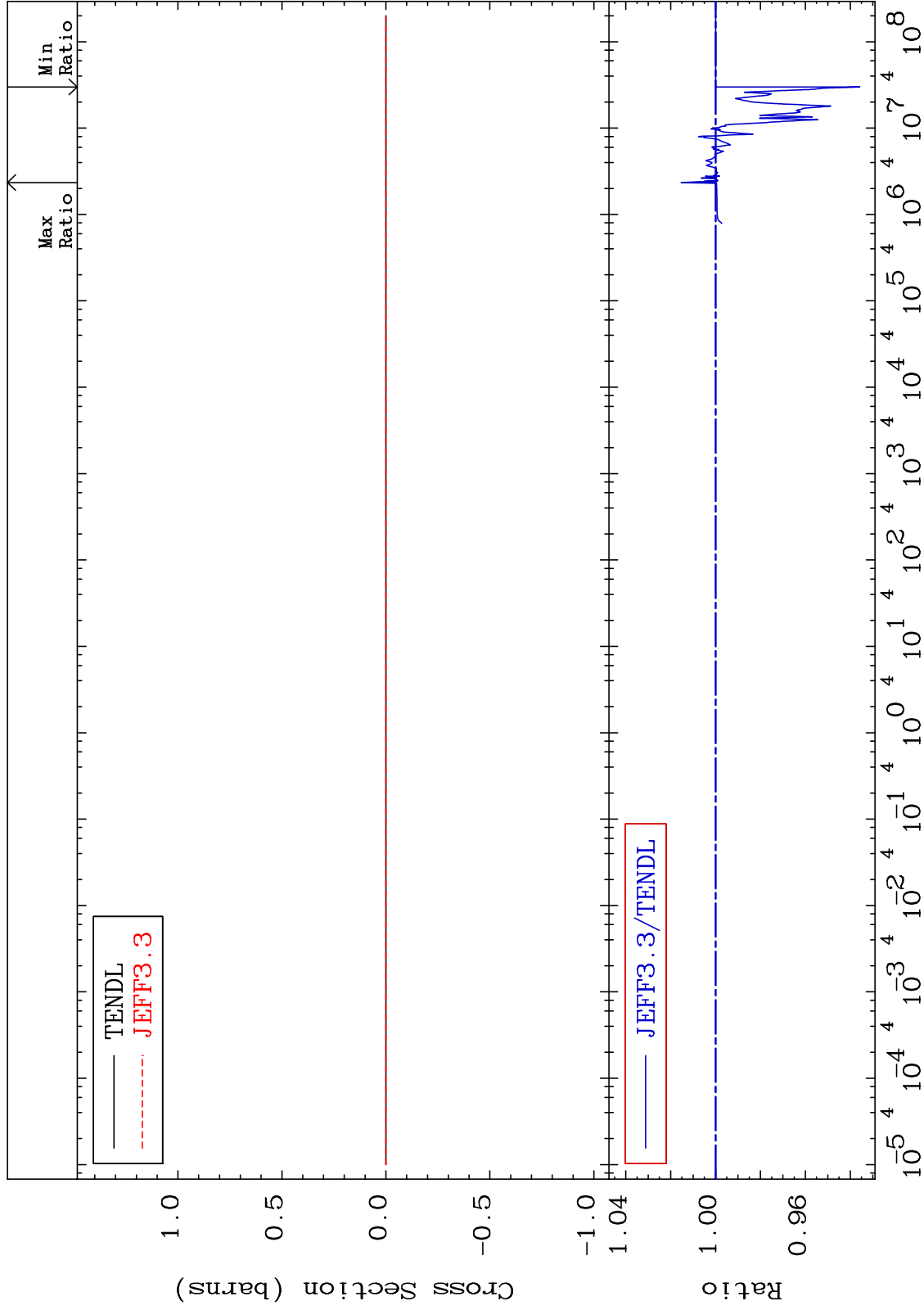
Incident Energy (eV)

36-Kr-82

MAT 3637

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

36-Kr-82  
-6.423 To 1.529 %

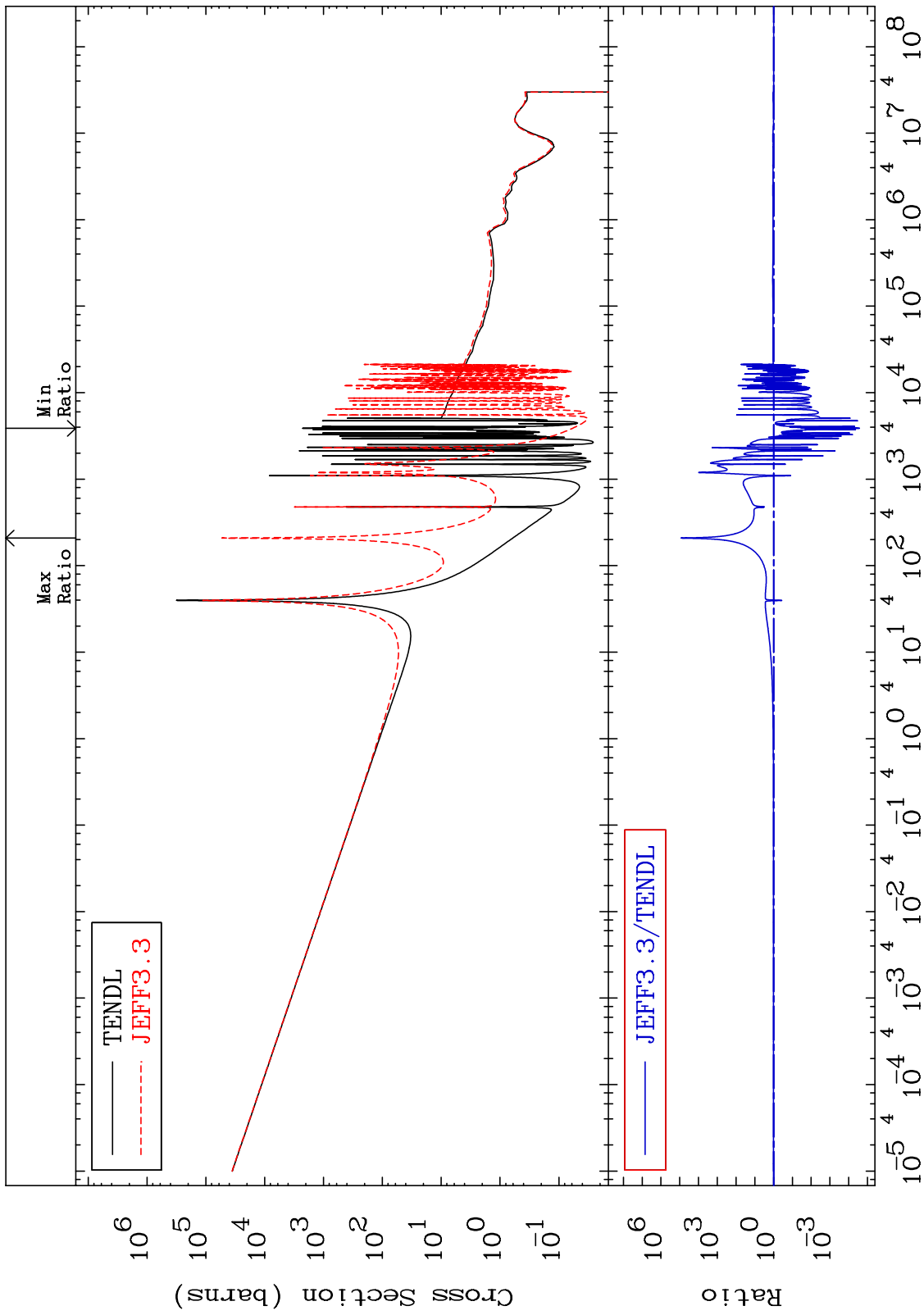




MAT 3637

Kerma capture (mt102)  
Cross Section

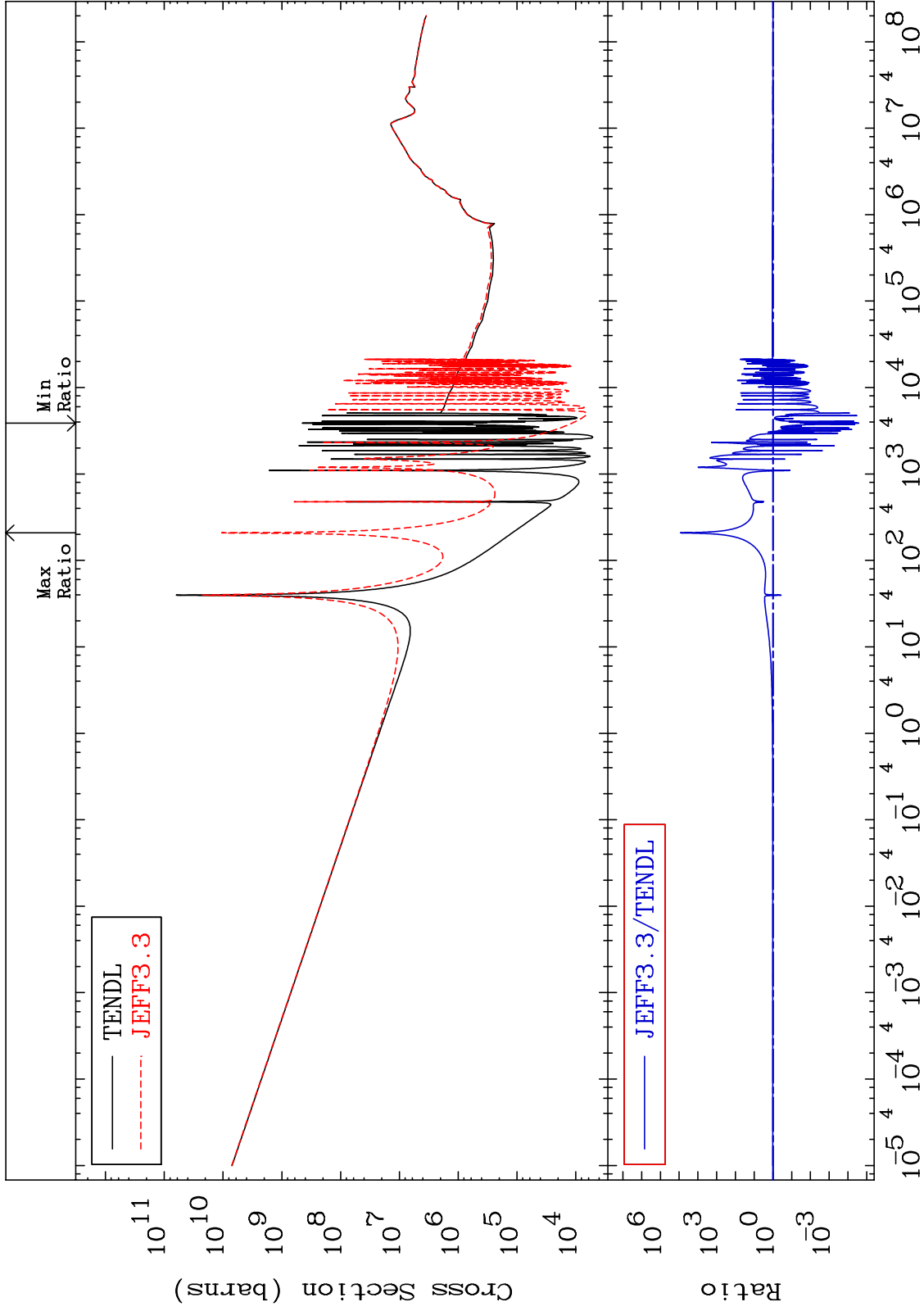
36-Kr-82  
-100.0 To 9999. %



MAT 3637

Total photon (eV-barns)  
Cross Section

36-Kr-82  
-100.0 To 9999. %



73

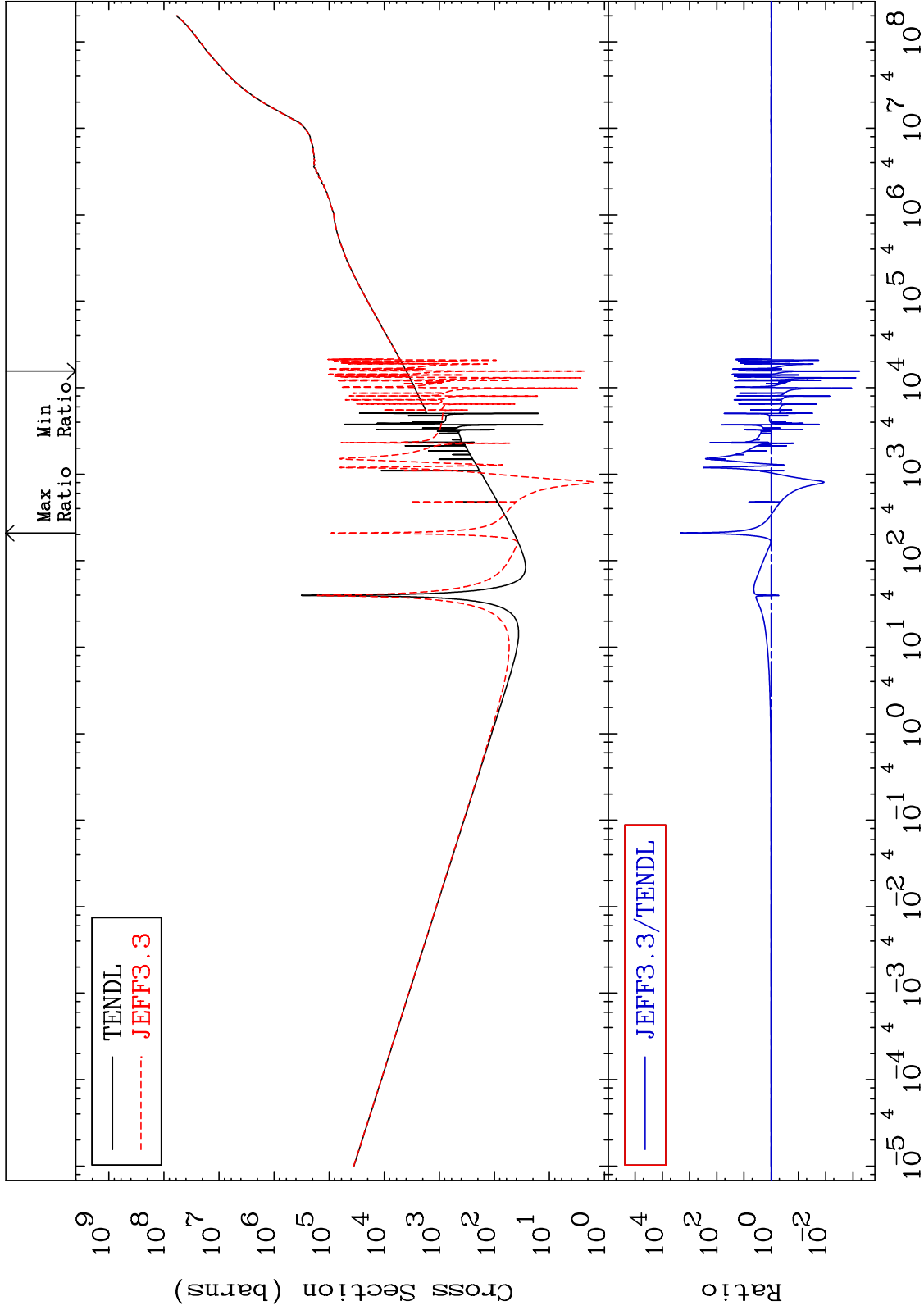
Incident Energy (eV)

36-Kr-82

MAT 3637

Total kinematic kerma (high limit)  
Cross Section

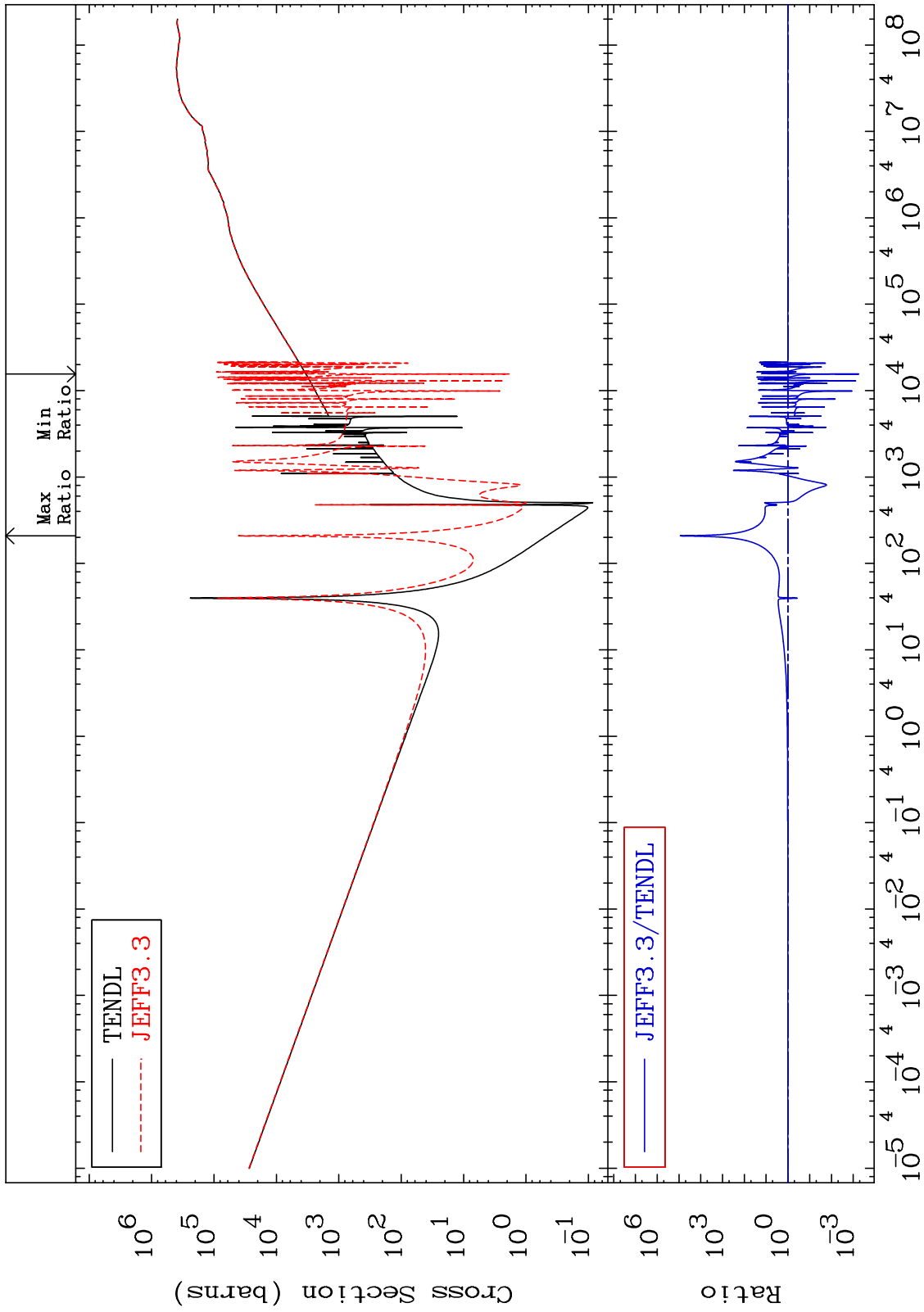
36-Kr-82  
-99.94 To 9999. %



MAT 3637

Dpa total (eV-barns)  
Cross Section

36-Kr-82  
-99.95 To 9999. %



75

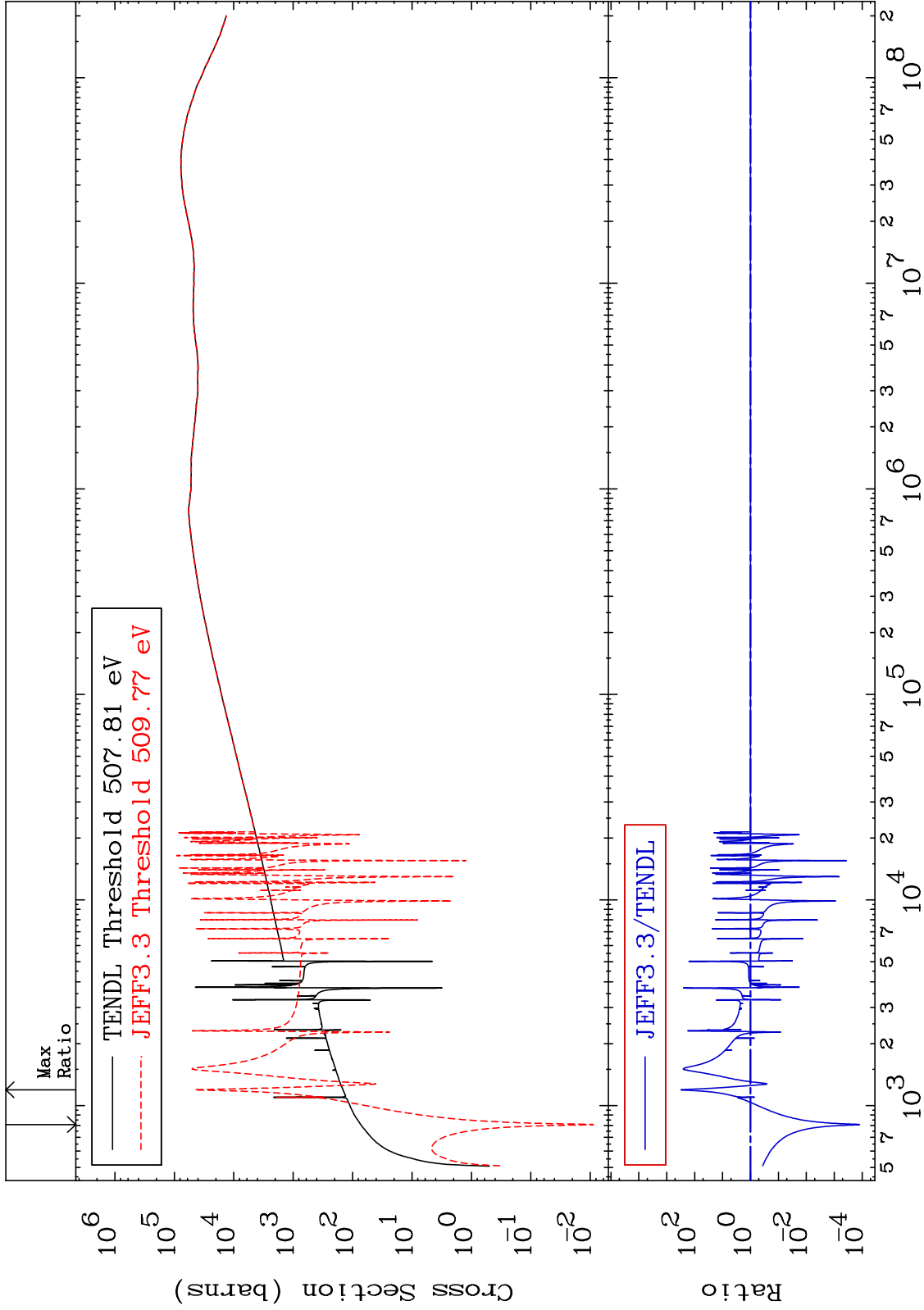
Incident Energy (eV)

36-Kr-82

MAT 3637

Dpa elastic (mt2)  
Cross Section

36-Kr-82  
-99.99 To 9999. %



76

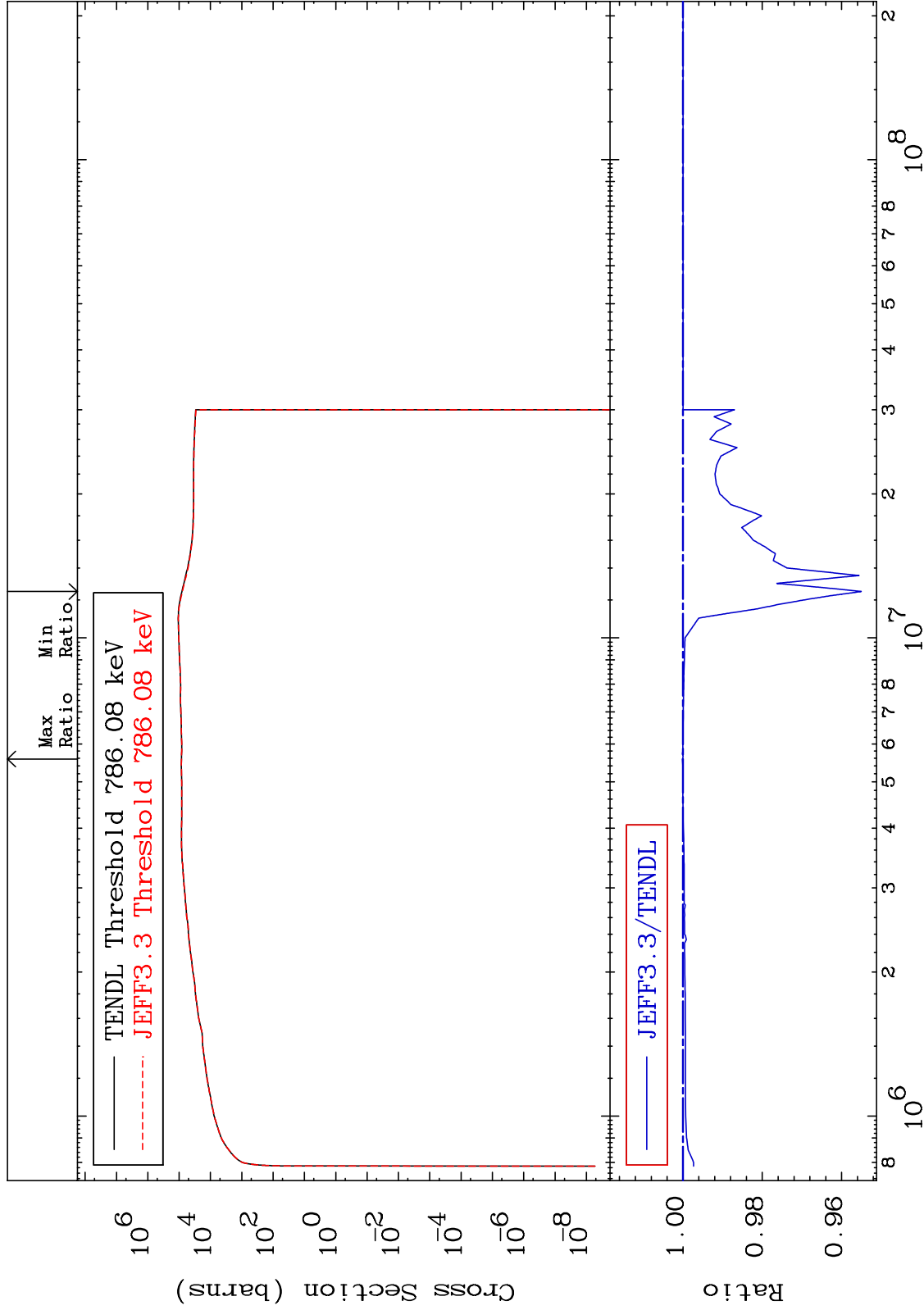
Incident Energy (eV)

36-Kr-82

MAT 3637

Dpa inelastic (mt51-91)  
Cross Section

36-Kr-82  
-4.496 To 0.013 %



77

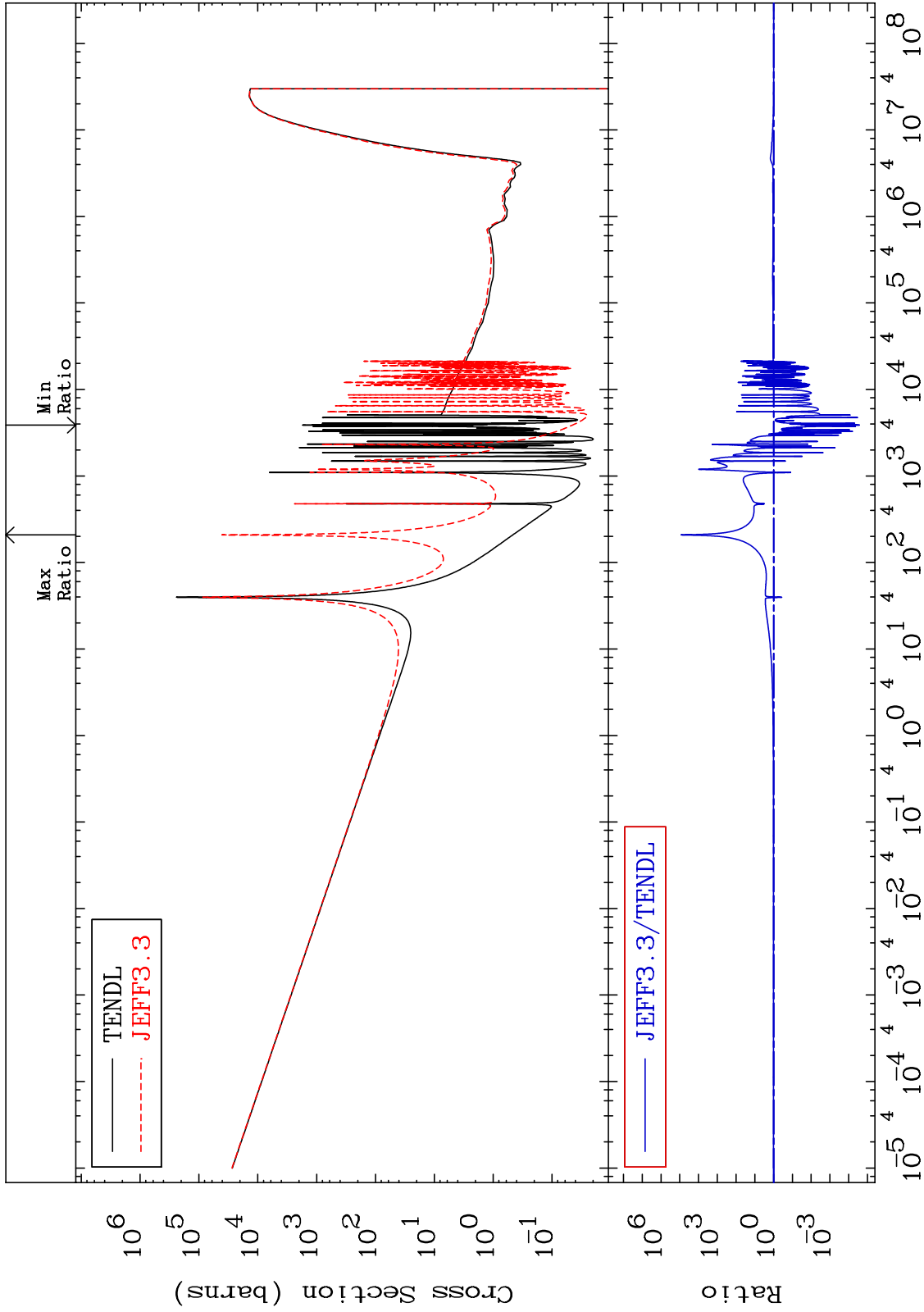
Incident Energy (eV)

36-Kr-82

MAT 3637

Dpa disappearance (mt102 -120)  
Cross Section

36-Kr-82  
-100.0 To 9999. %

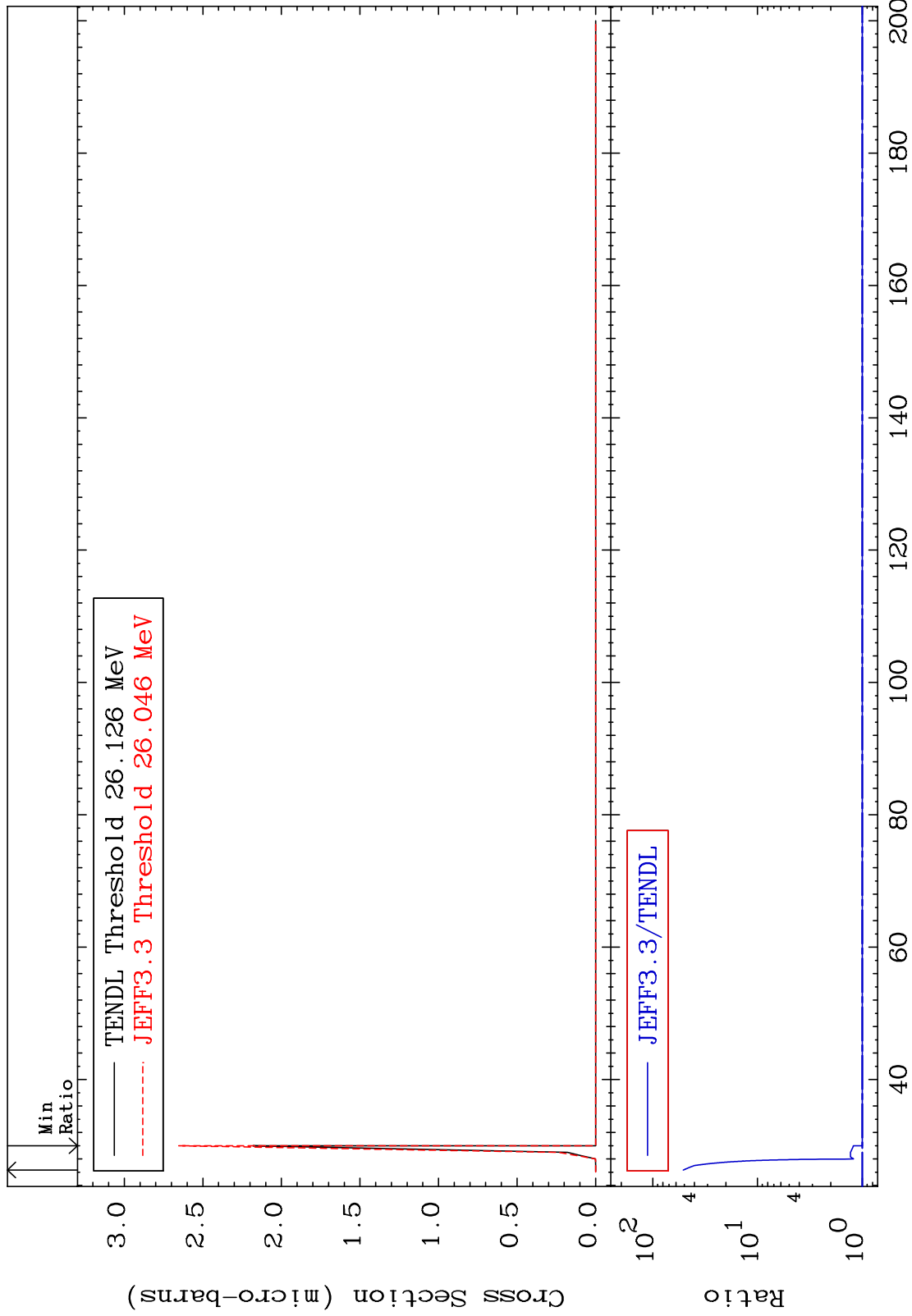


MAT 3637

(n,2n) d: 35-Br-79g

36-Kr-82

Radionuclide Production Cross Section 0.000 To 5009. %



79

Incident Energy (MeV)

36-Kr-82

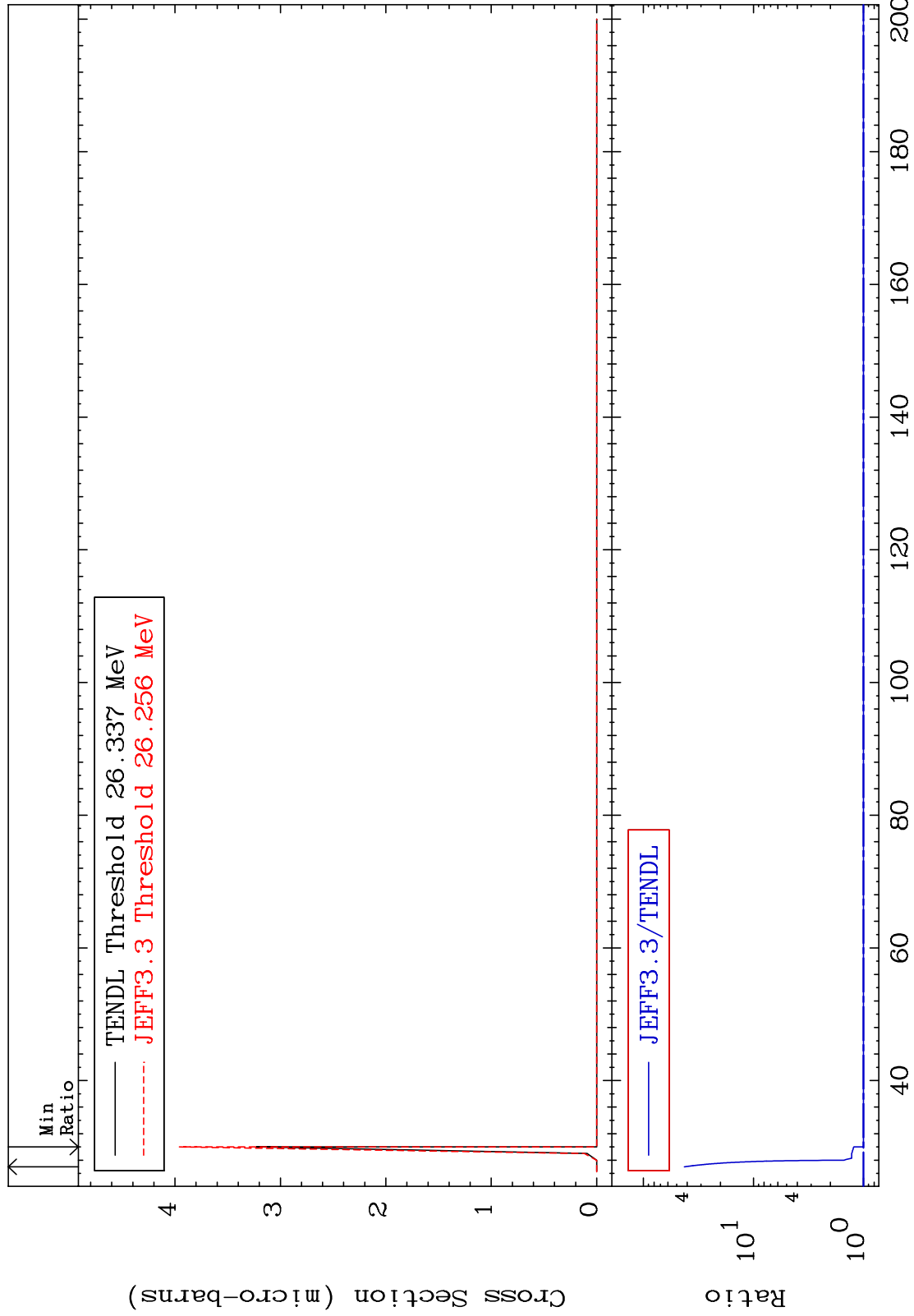


MAT 3637

(n,2n) d:35-Br-79m1

36-Kr-82

Radionuclide Production Cross Section 0.000 To 4146. %



80

Incident Energy (MeV)

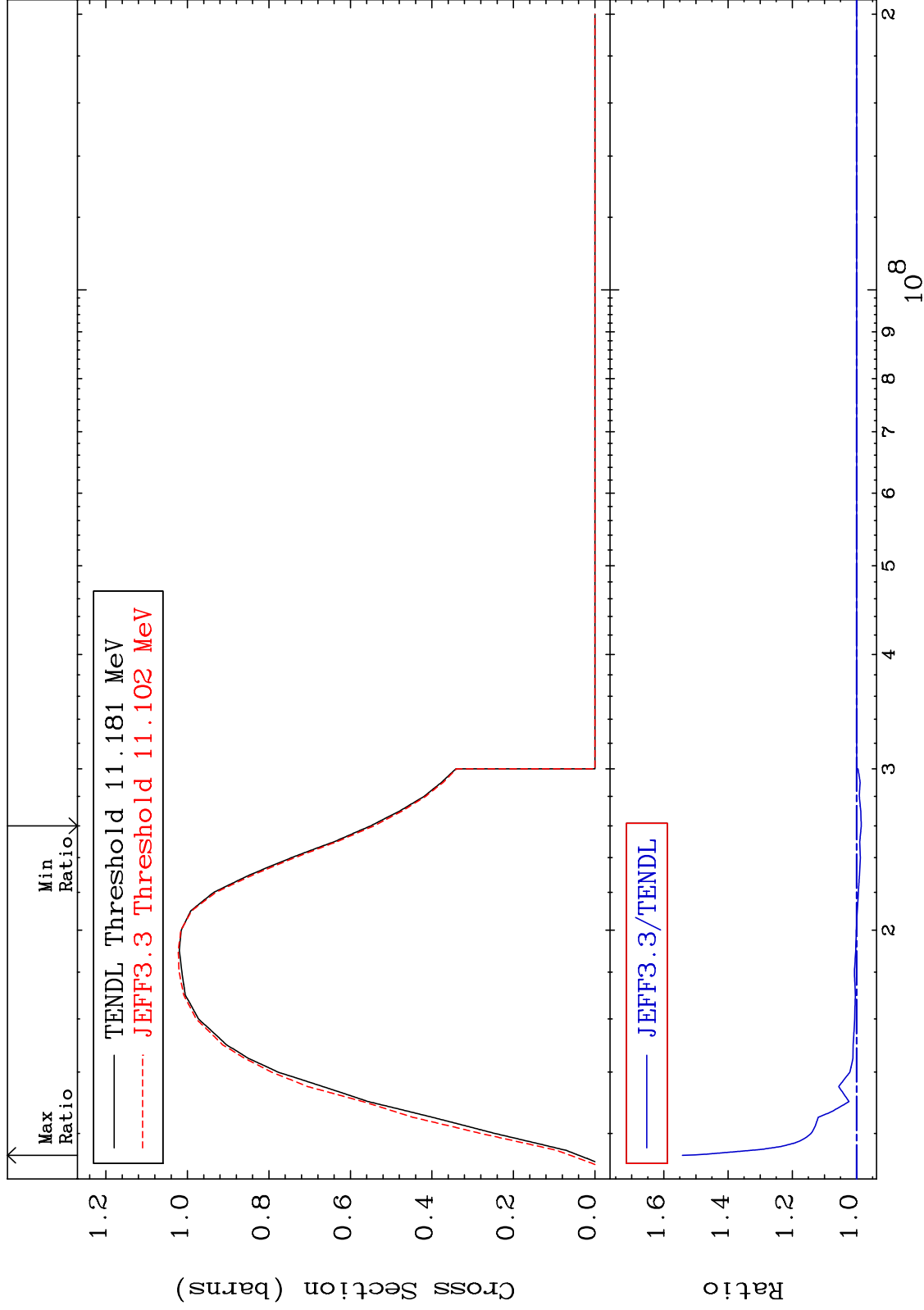
36-Kr-82

MAT 3637

(n,2n):36-Kr-81g

36-Kr-82

Radionuclide Production Cross Section -1.476 To 54.20 %

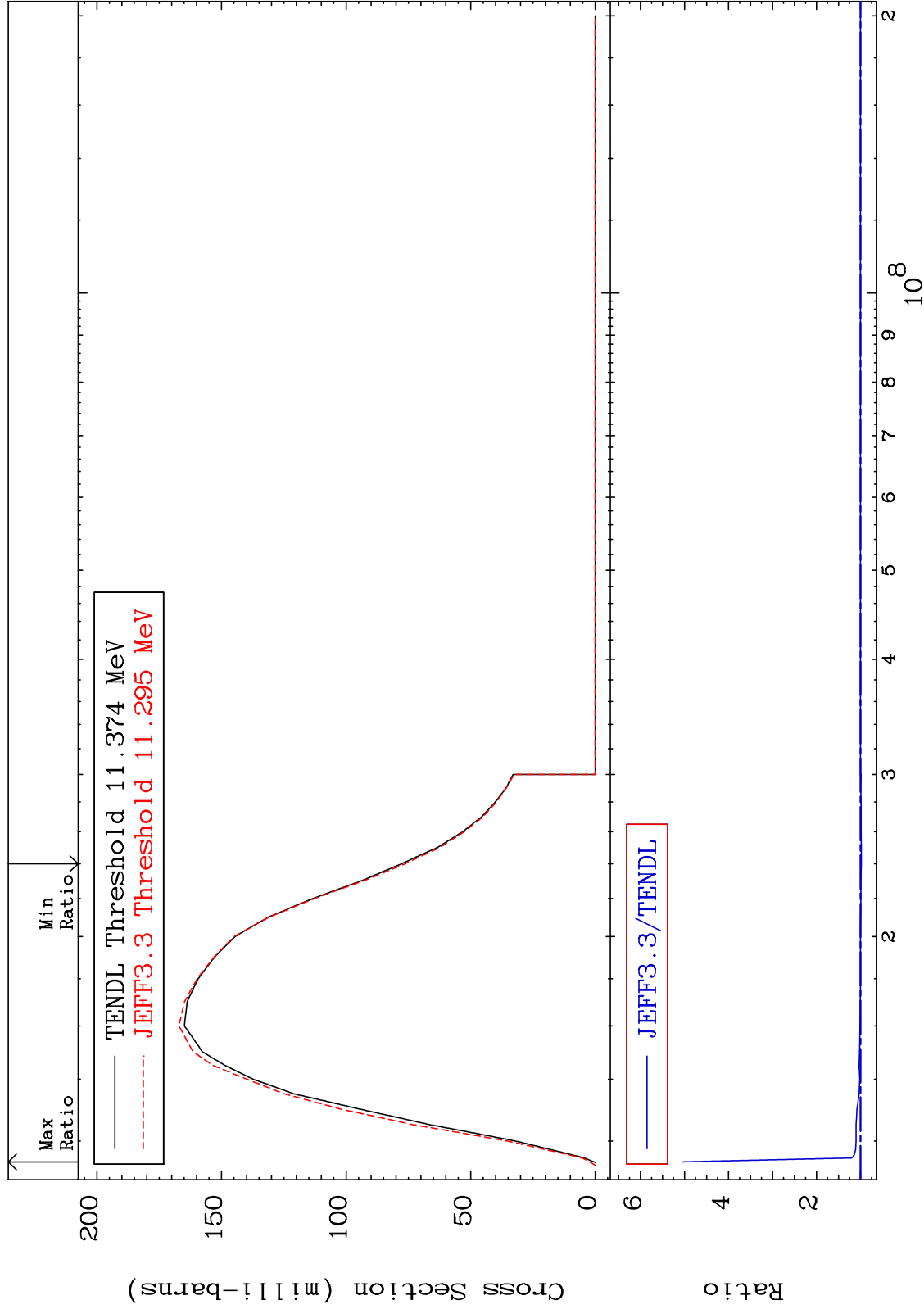


MAT 3637

(n,2n):36-Kr-81m2

36-Kr-82

Radionuclide Production Cross Section -1.851 To 404.2 %



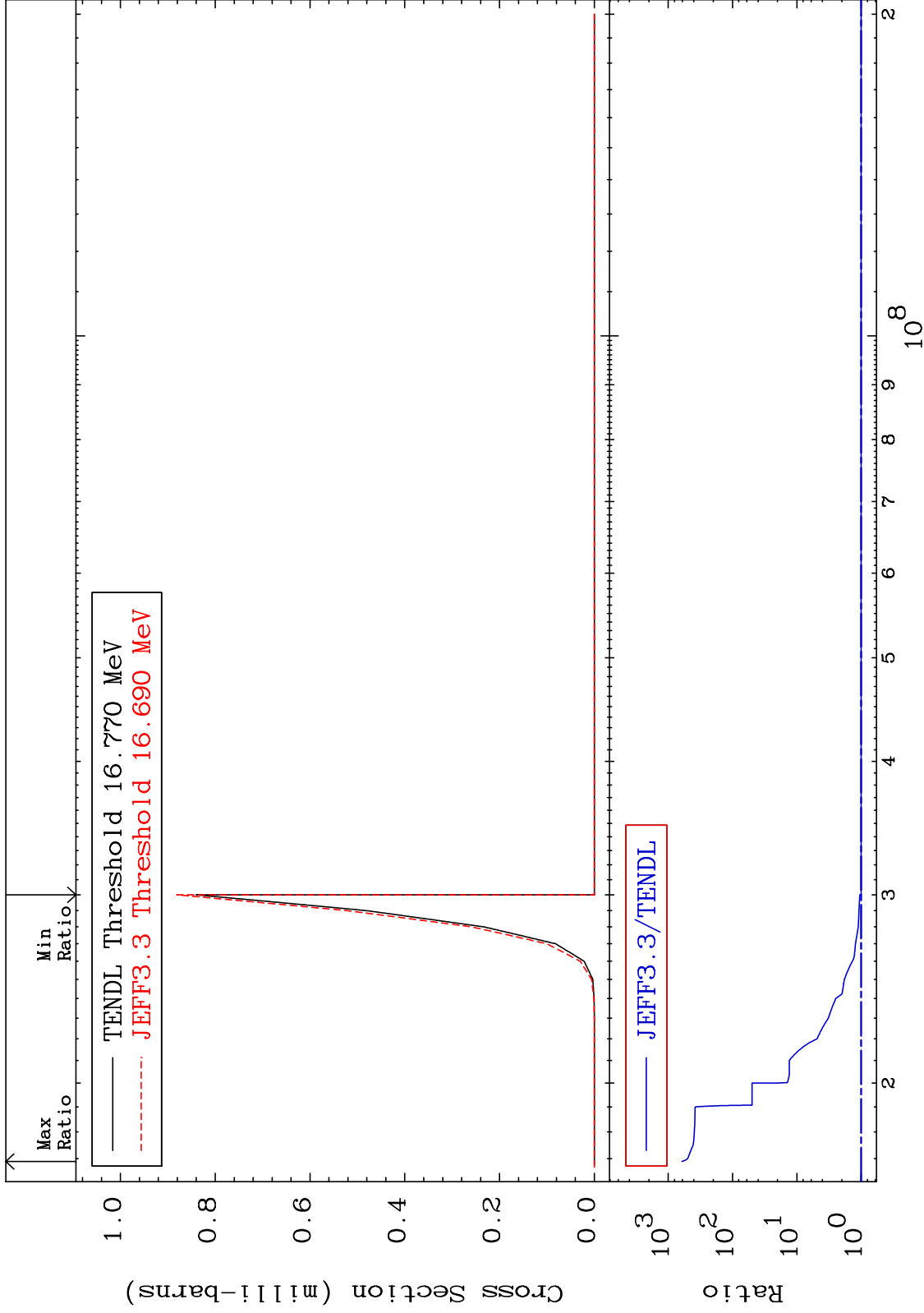
82

Incident Energy (eV)

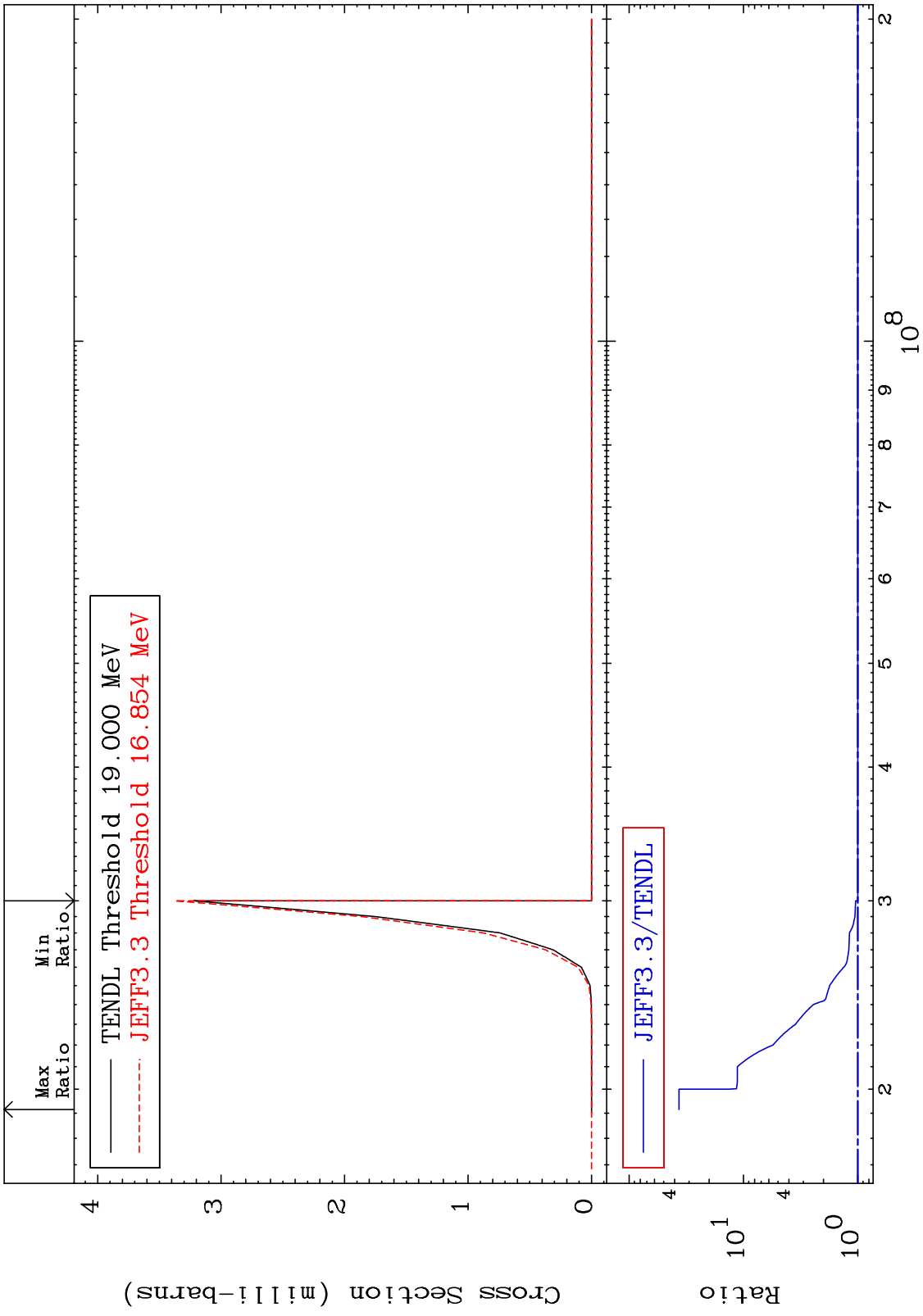
36-Kr-82

MAT 3637

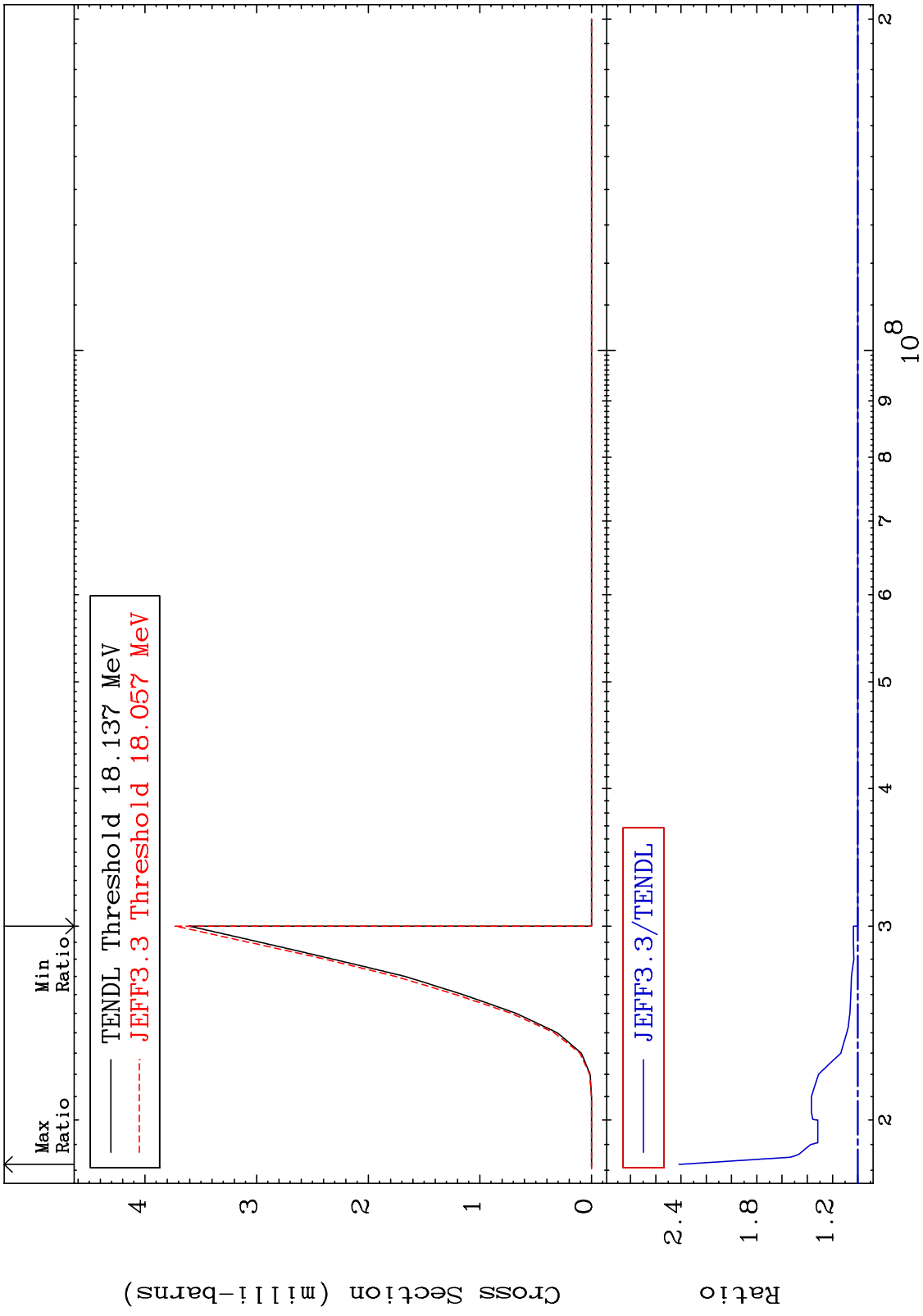
(n,2n)  $\alpha$ : 34-Se-77g 36-Kr-82  
Radionuclide Production Cross Section 0.000 To 9999. %



MAT 3637 (n,2n)  $\alpha$ :34-Se-77m1 36-Kr-82  
 Radionuclide Production Cross Section 0.000 To 3562. %



MAT 3637 (n, n') d: 35-Br-80g 36-Kr-82  
 Radionuclide Production Cross Section 0.000 To 141.5 %

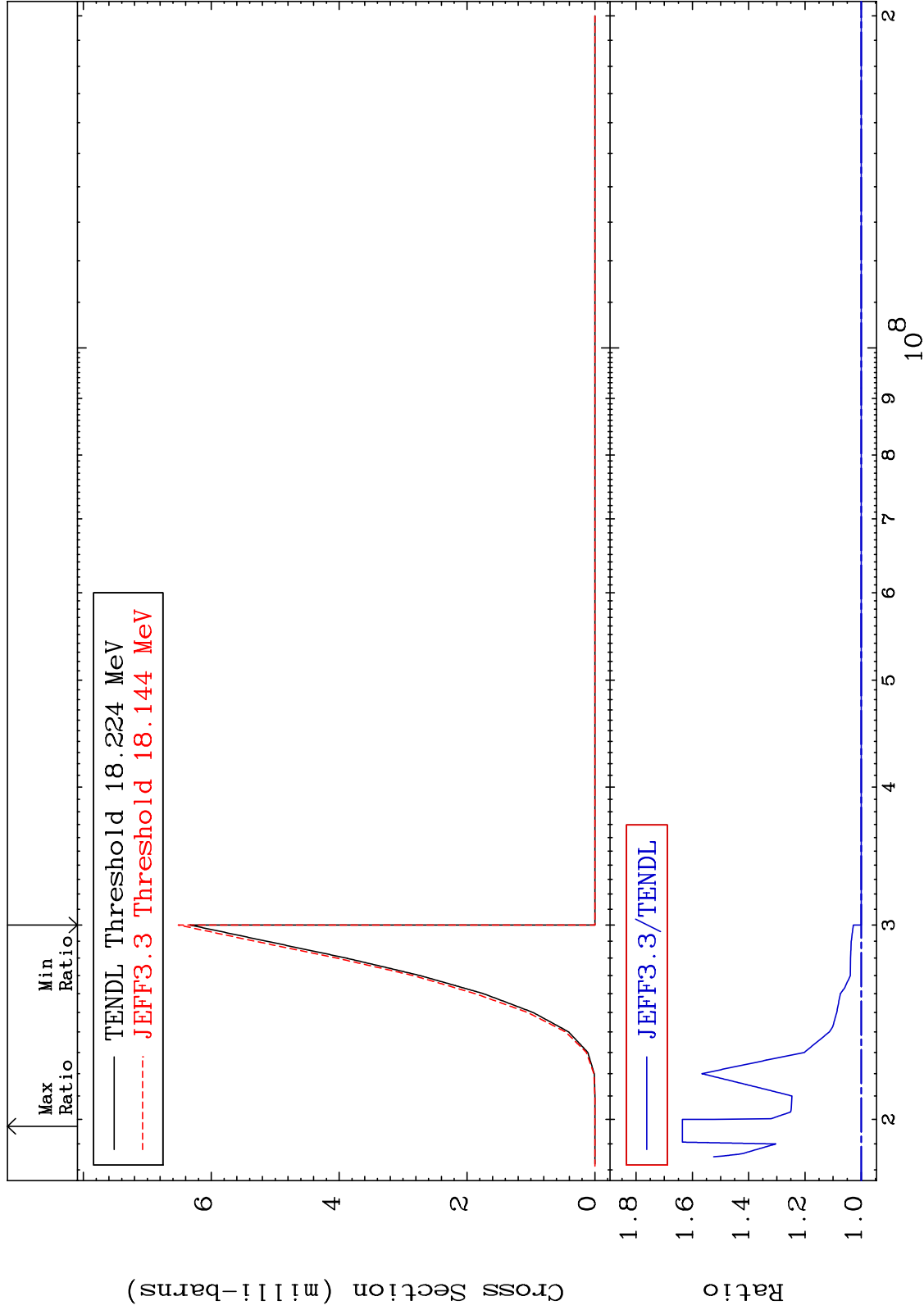


MAT 3637

(n, n') d:35-Br-80m2

36-Kr-82

Radionuclide Production Cross Section 0.000 To 63.54 %

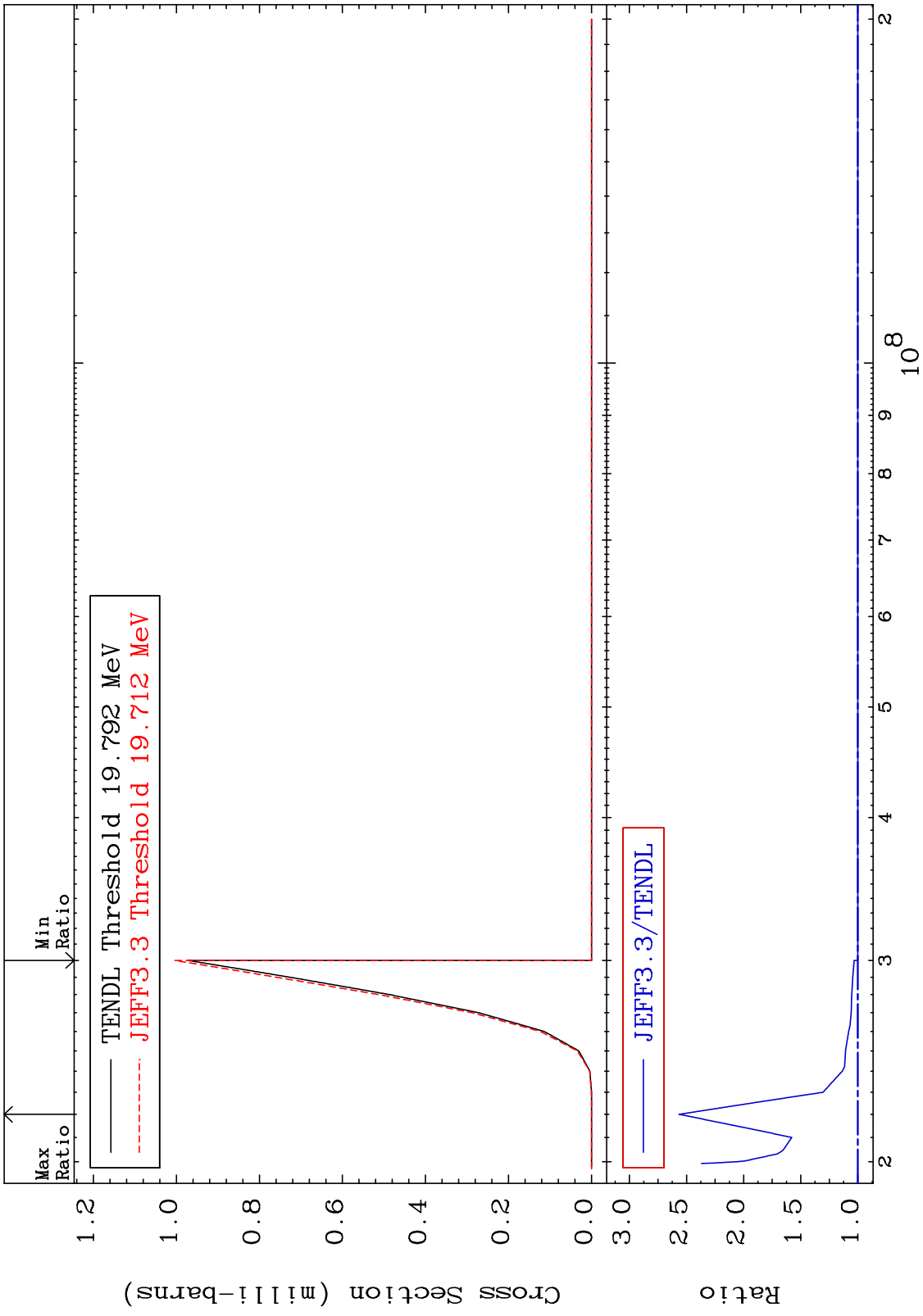


86

Incident Energy (eV)

36-Kr-82

MAT 3637 (n, n') t: 35-Br-79g 36-Kr-82  
 Radionuclide Production Cross Section 0.000 To 156.6 %



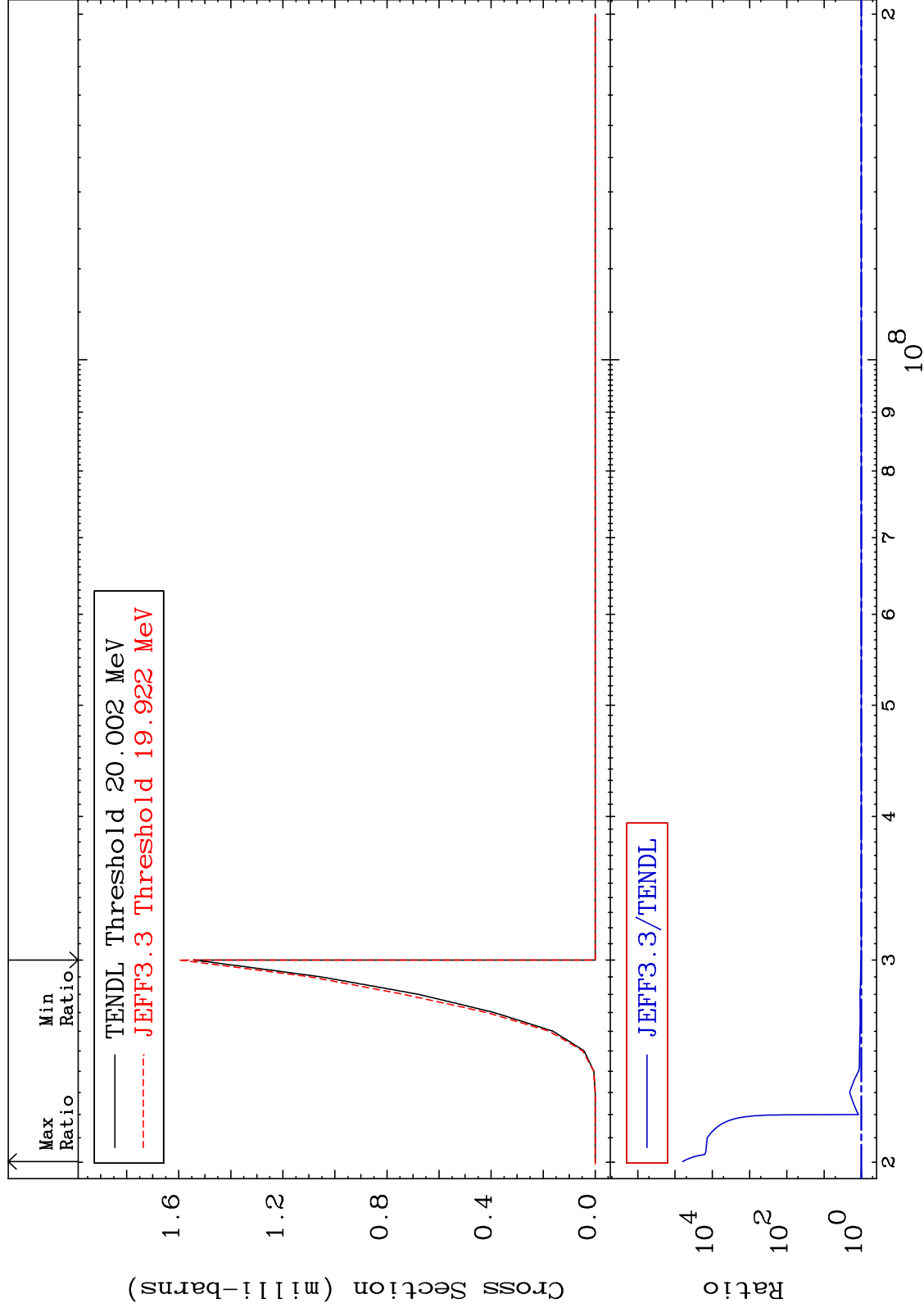


MAT 3637

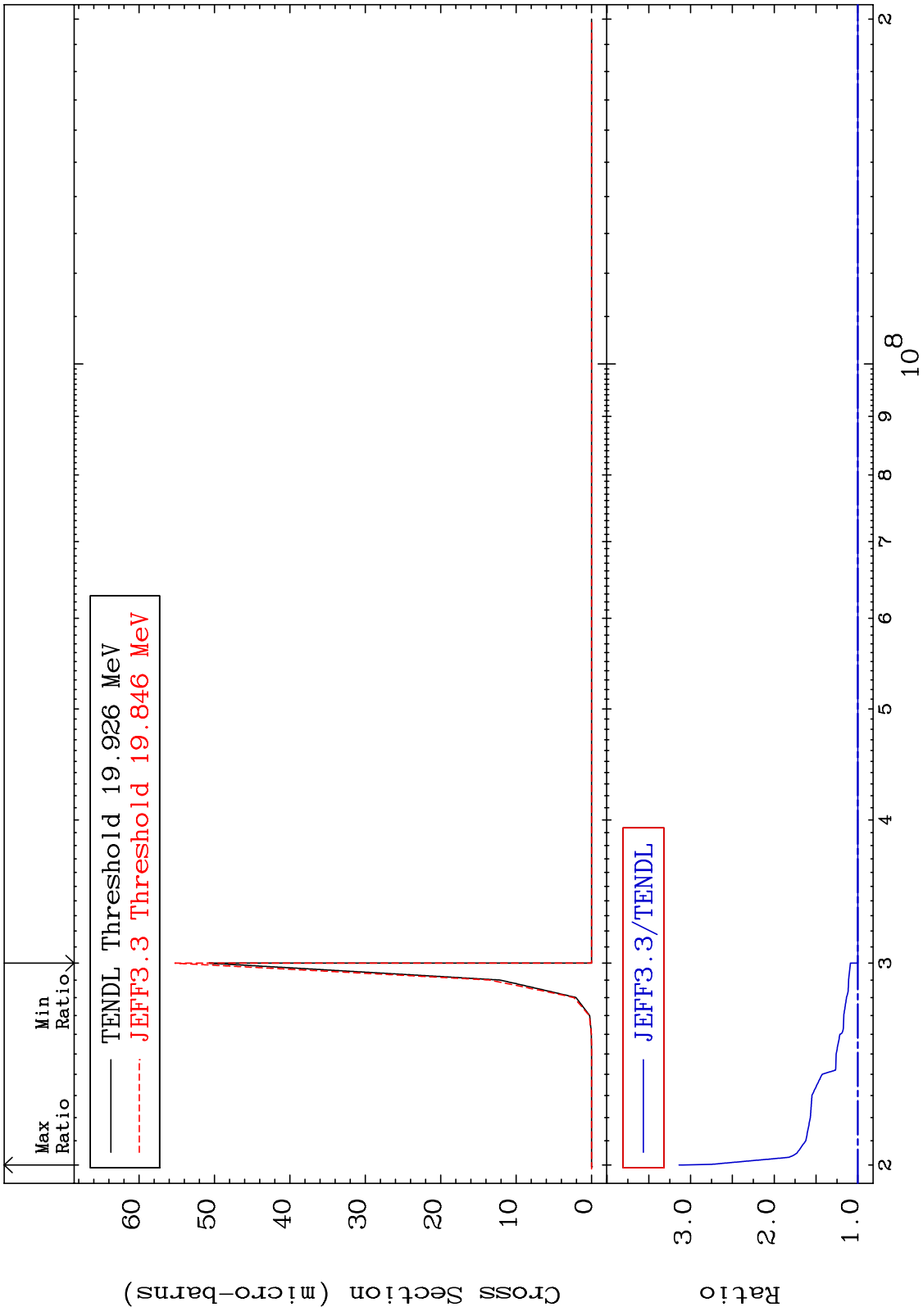
(n, n') t:35-Br-79m1

36-Kr-82

Radionuclide Production Cross Section 0.000 To 9999. %



MAT 3637 (n,n') He-3:34-Se-79g 36-Kr-82  
 Radionuclide Production Cross Section 0.000 To 213.8 %

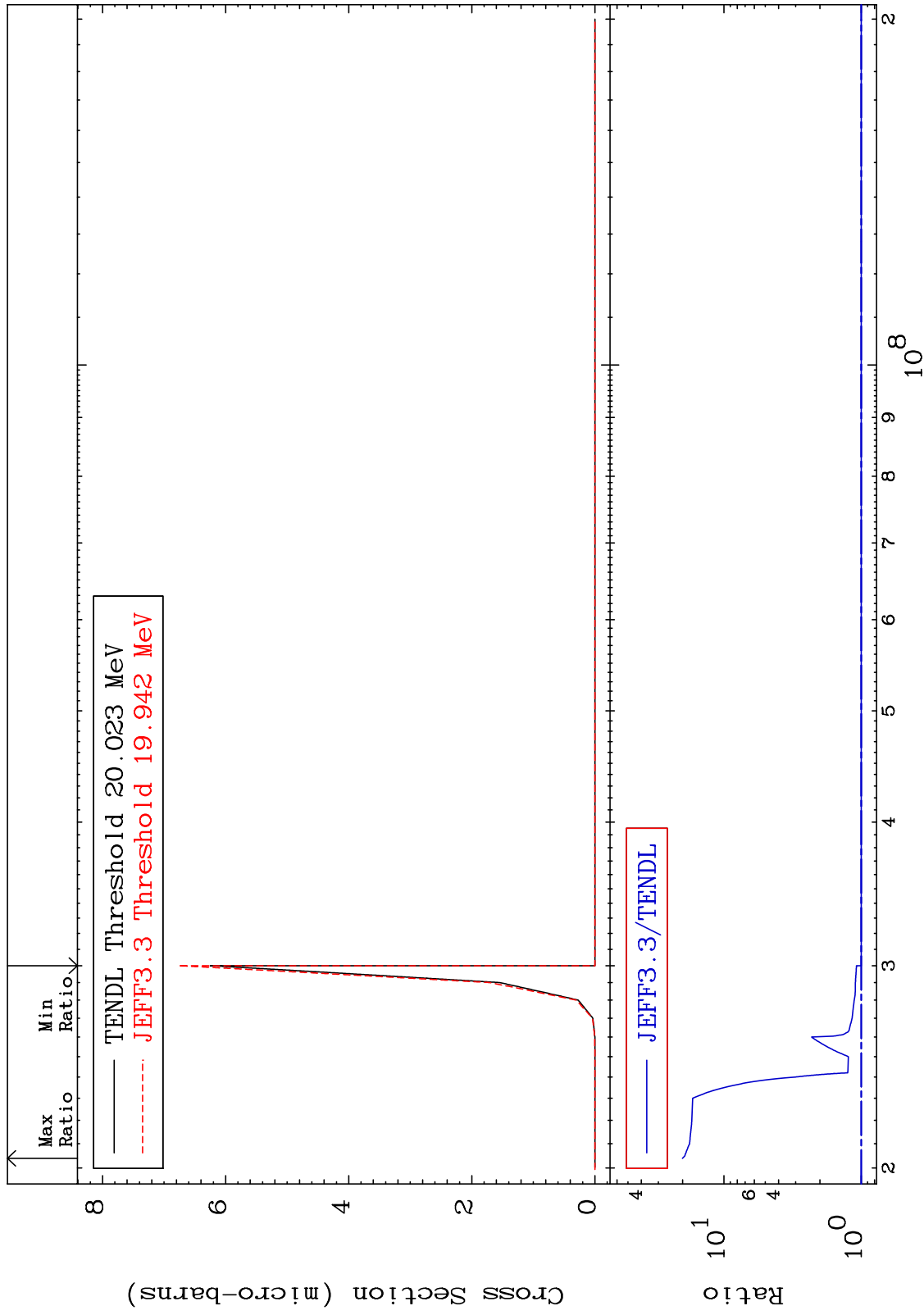


MAT 3637

(n,n') He-3:34-Se-79m1

36-Kr-82

Radionuclide Production Cross Section 0.000 To 1904. %

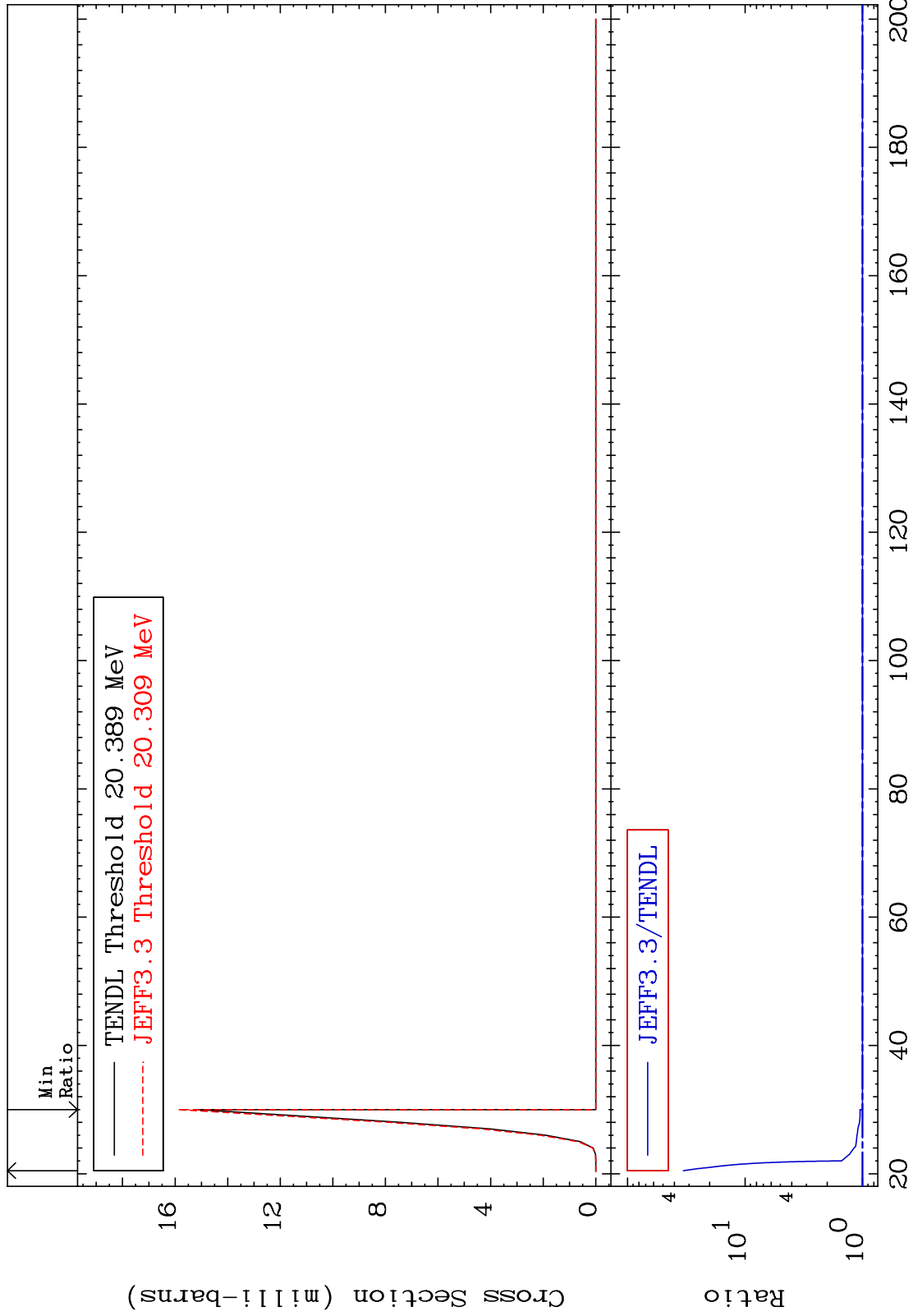


90

36-Kr-82

MAT 3637

(n,2n) p:35-Br-80g 36-Kr-82  
Radionuclide Production Cross Section 0.000 To 3245. %



91

Incident Energy (MeV)

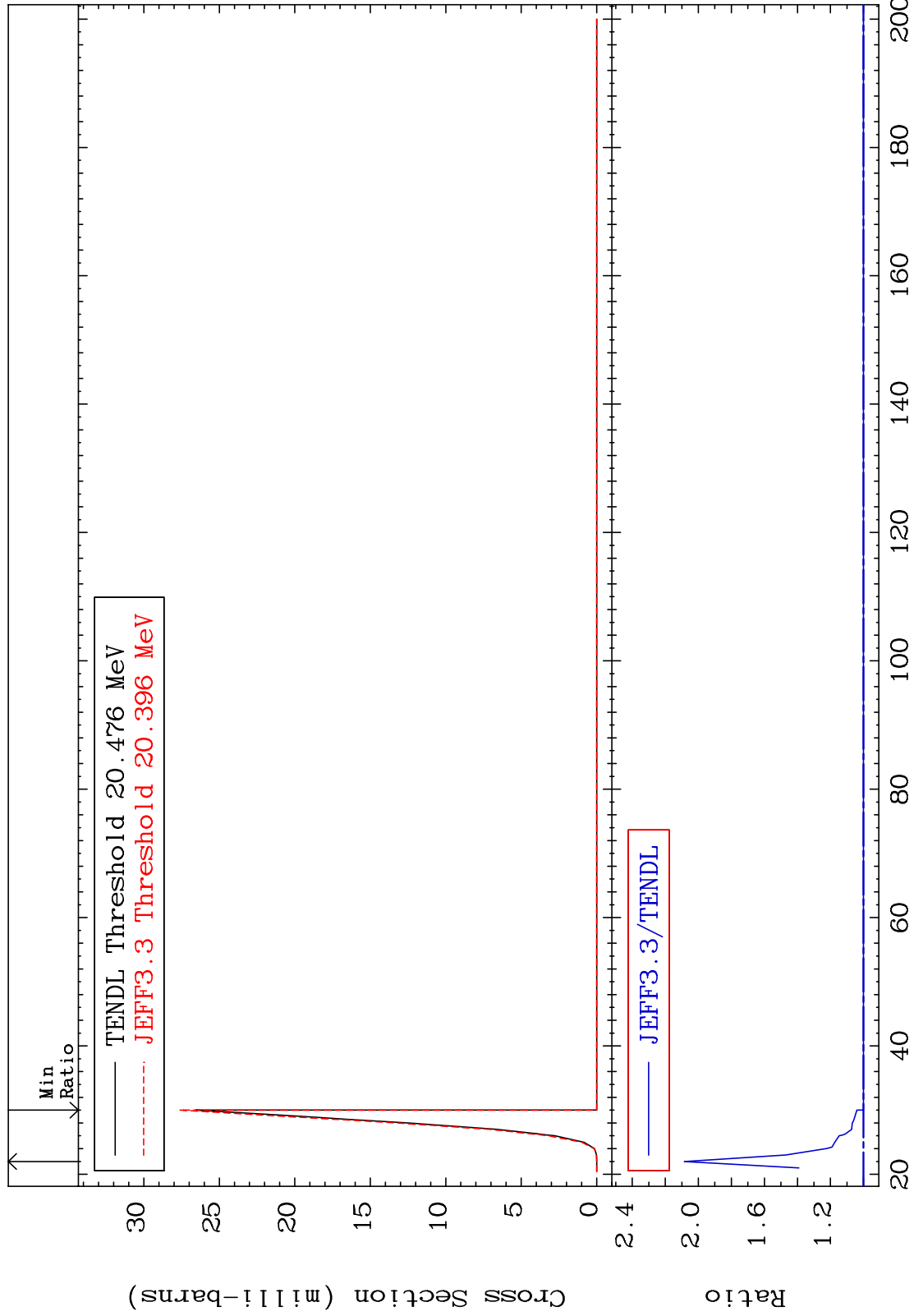
36-Kr-82

MAT 3637

(n,2n) p:35-Br-80m2

36-Kr-82

Radionuclide Production Cross Section 0.000 To 108.4 %

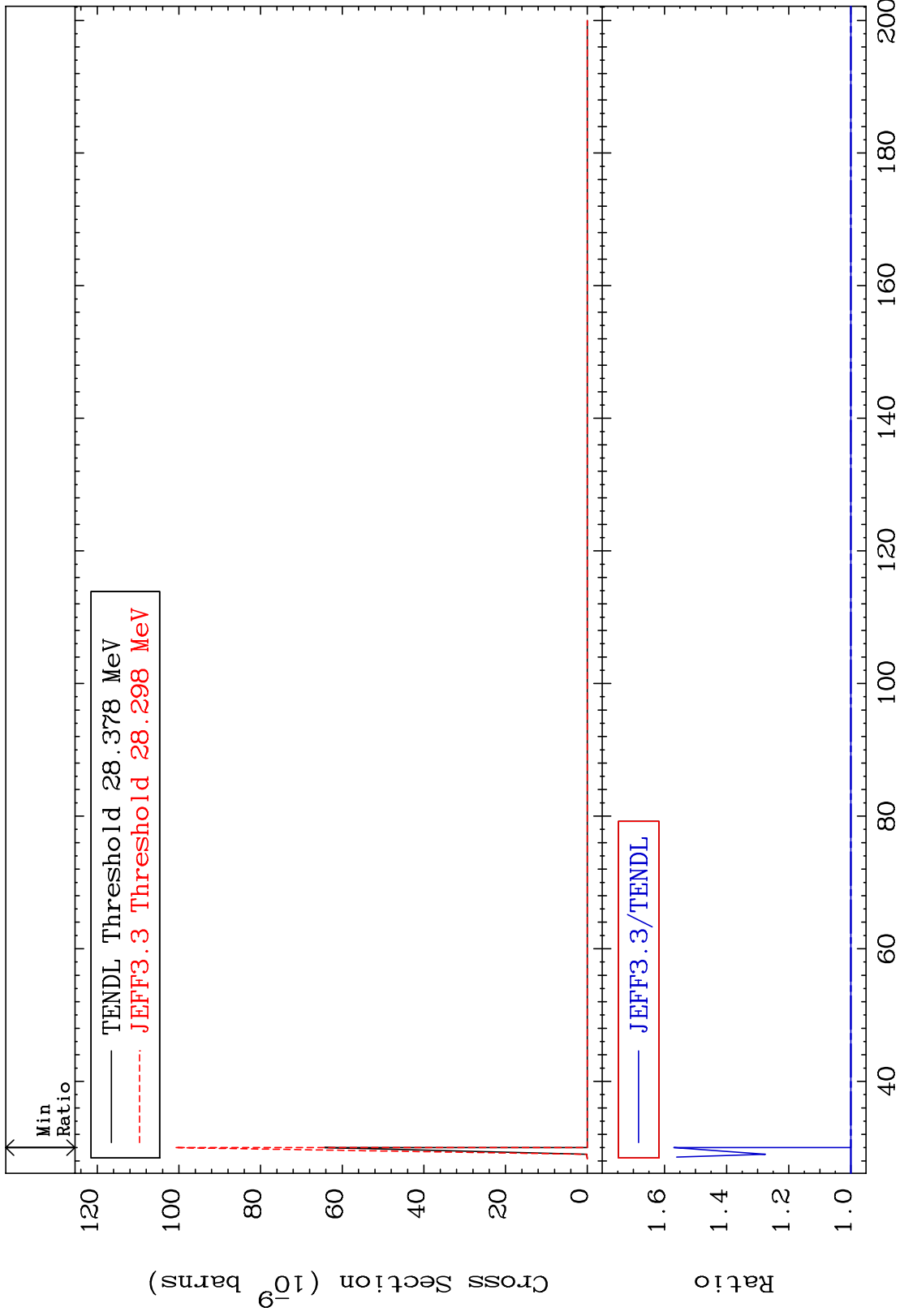


92

36-Kr-82

MAT 3637

(n,3n) p:35-Br-79g 36-Kr-82  
Radionuclide Production Cross Section 0.000 To 56.96 %



93

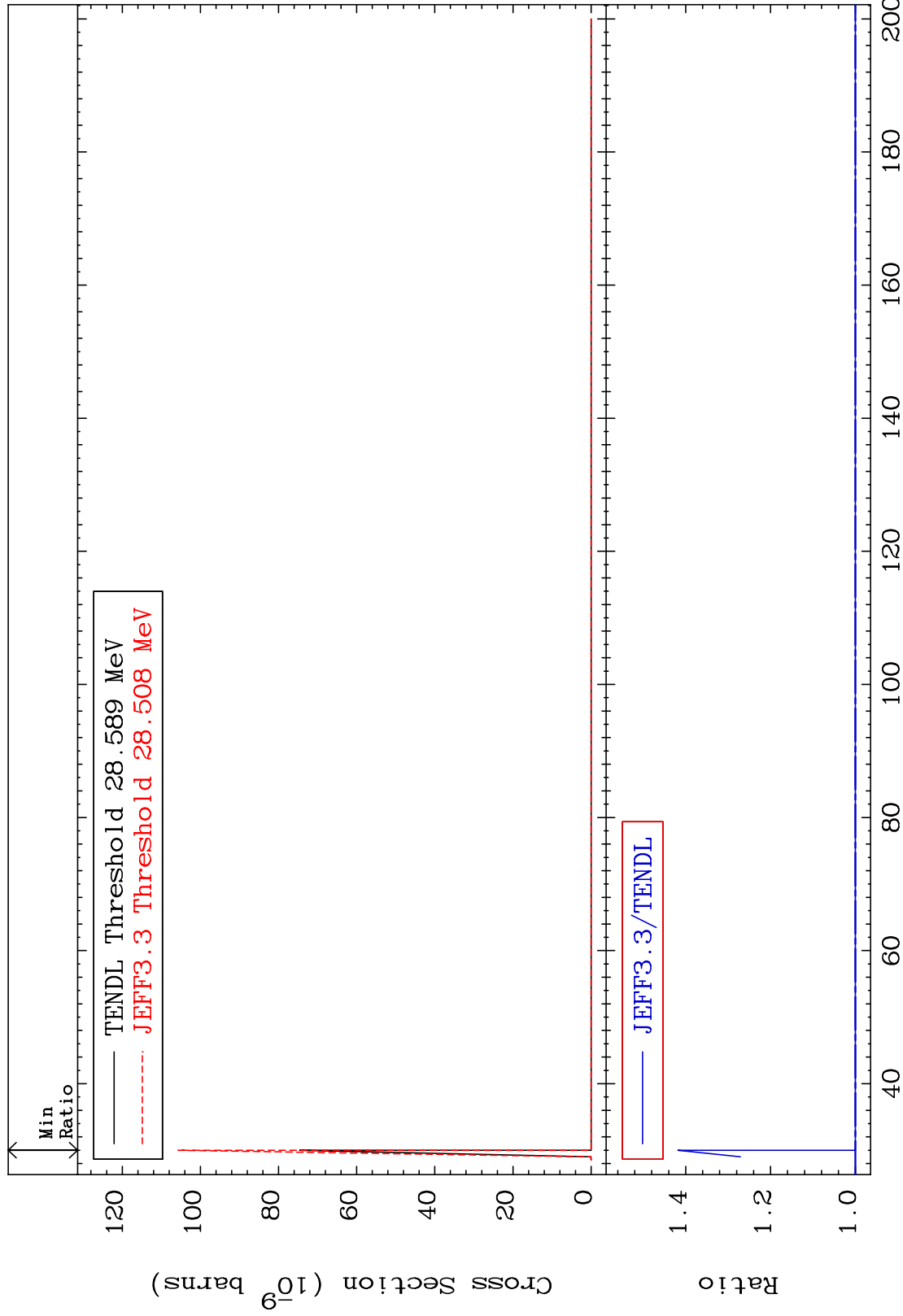
36-Kr-82

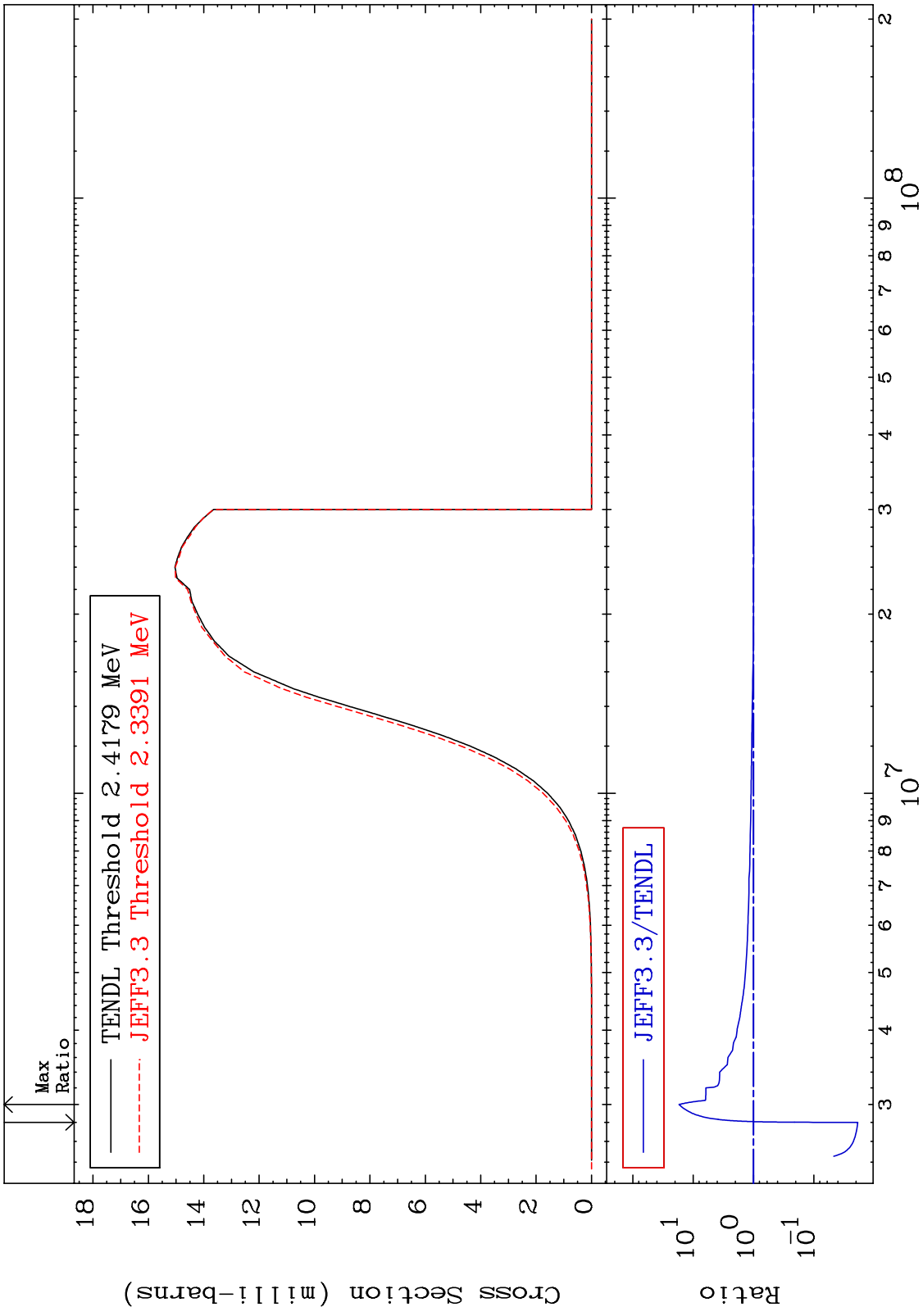
MAT 3637

(n,3n) p:35-Br-79m1

36-Kr-82

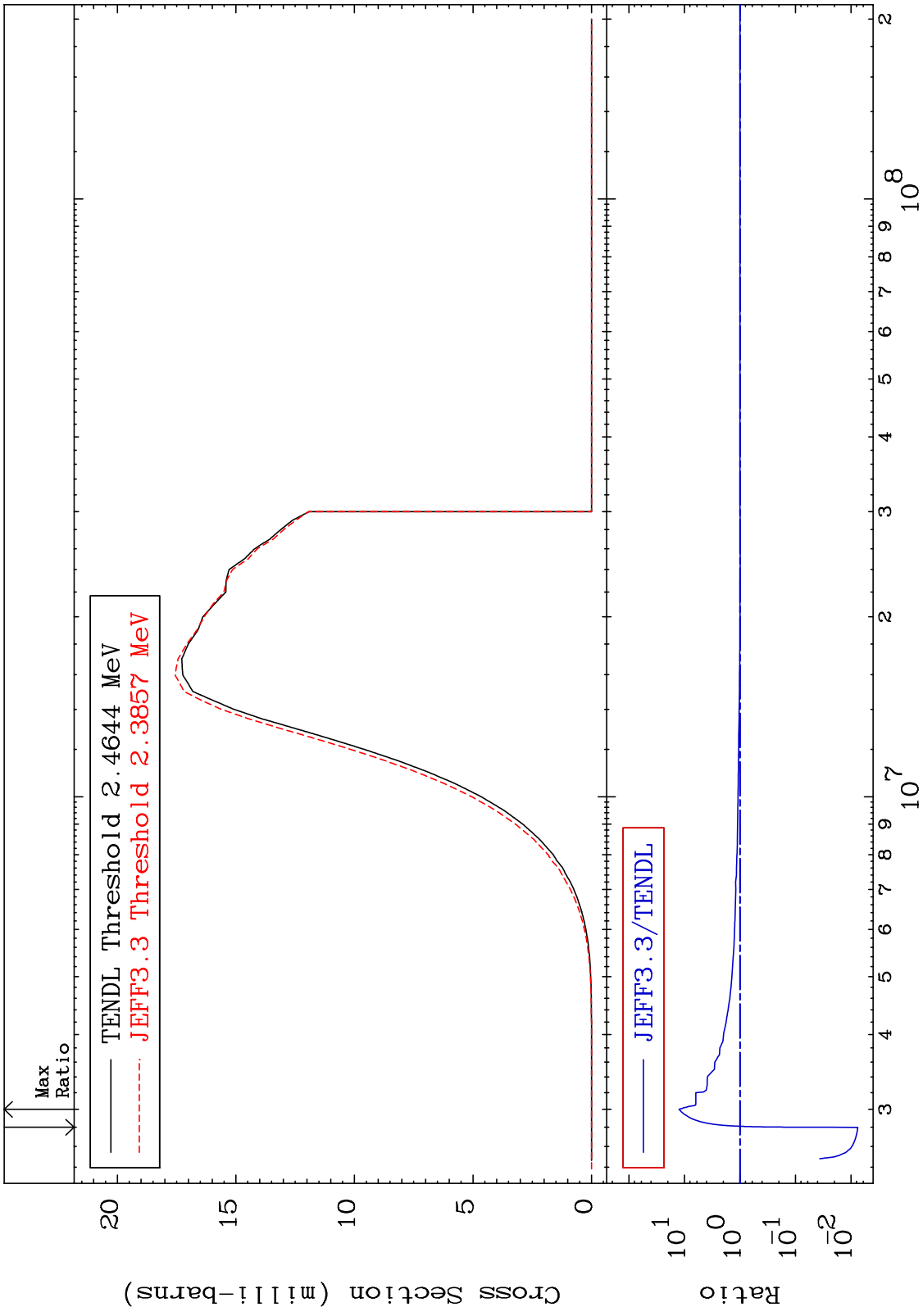
Radionuclide Production Cross Section 0.000 To 41.82 %







MAT 3637 (n,p):35-Br-82m1 36-Kr-82  
 Radionuclide Production Cross Section -99.25 To 1153. %

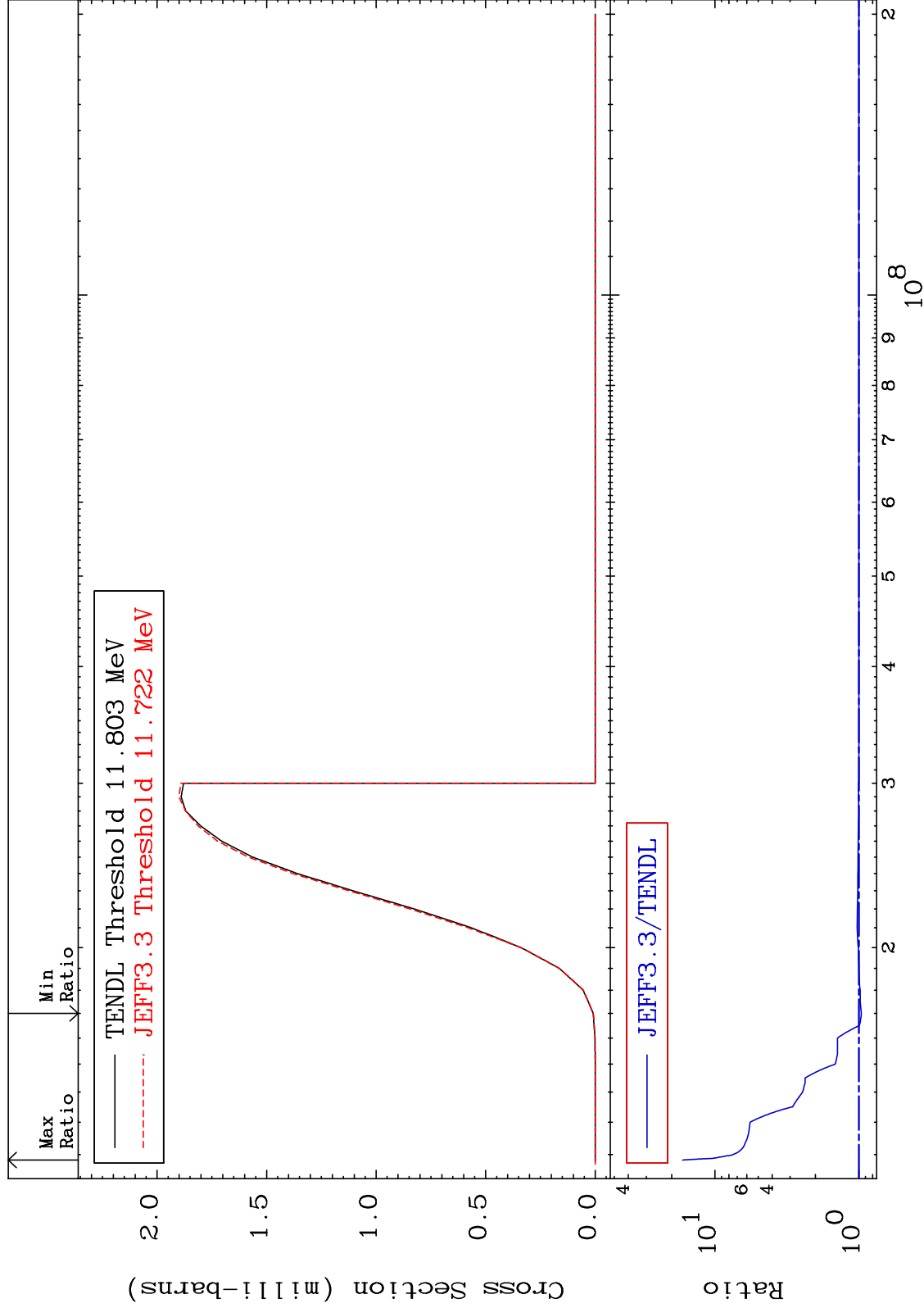


MAT 3637

(n, t): 35-Br-80g

36-Kr-82

Radionuclide Production Cross Section -3.972 To 1575. %

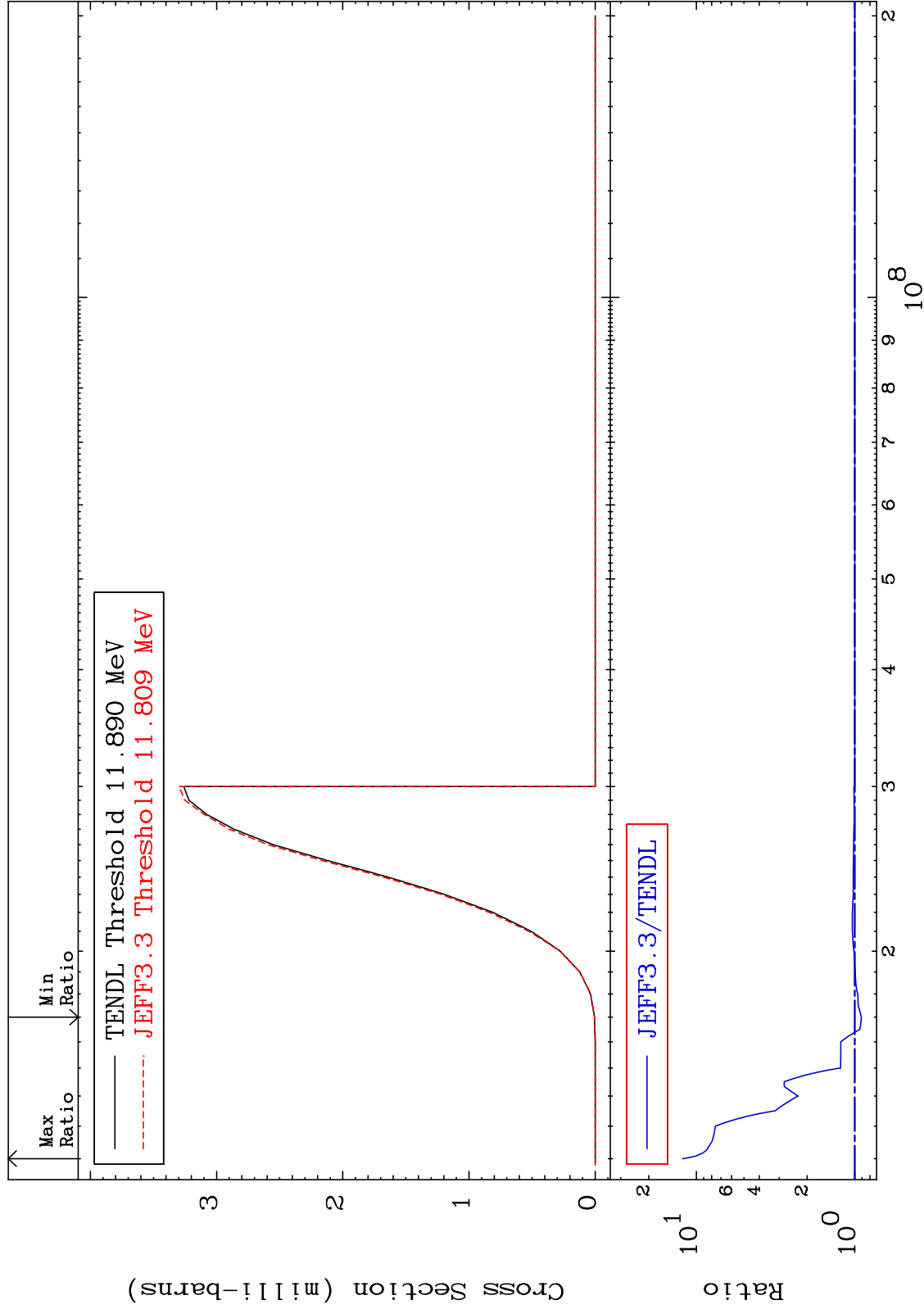


MAT 3637

(n, t) : 35-Br-80m2

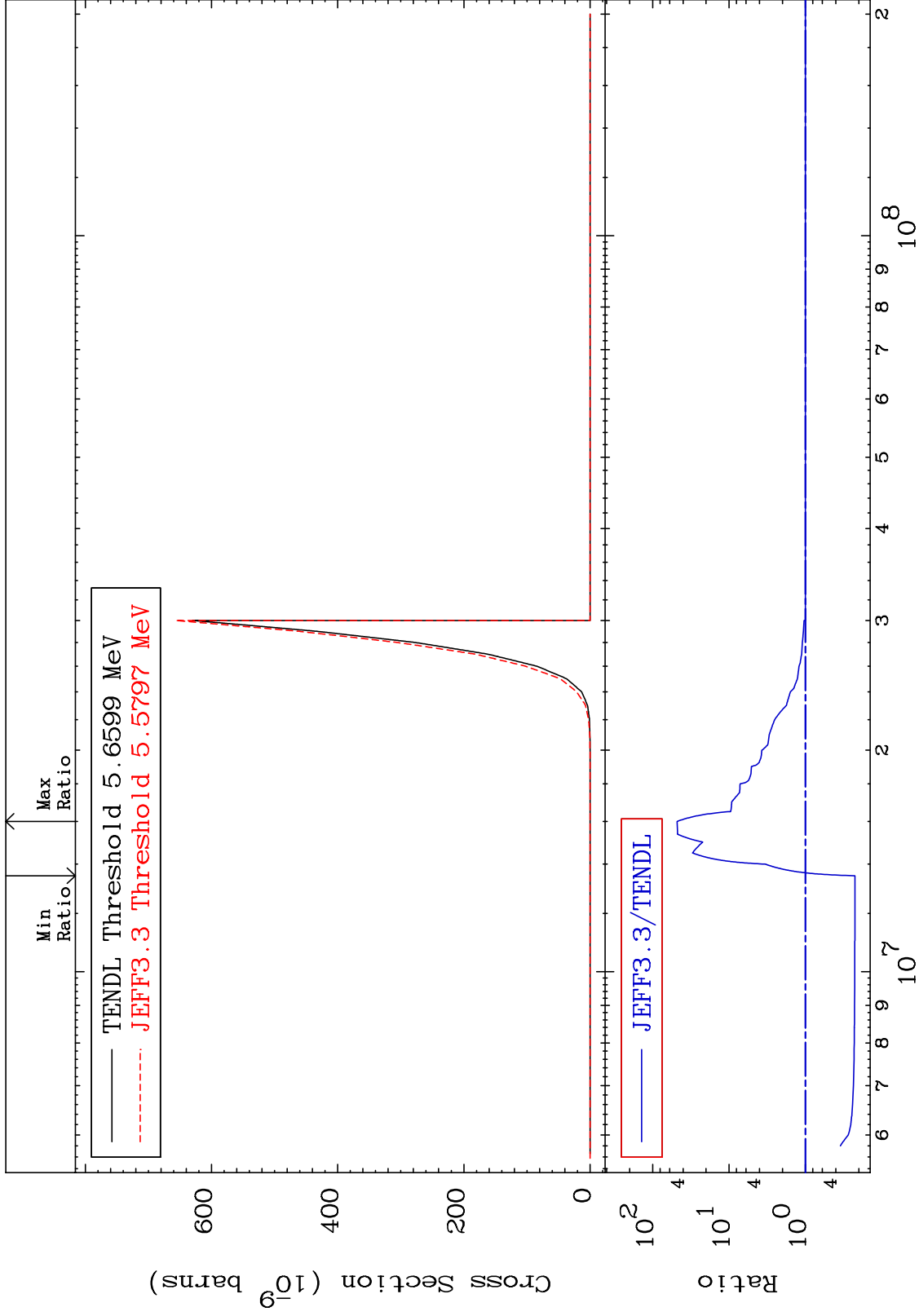
36-Kr-82

Radionuclide Production Cross Section -9.221 To 1121. %



MAT 3637

(n,2α) : 32-Ge-75g 36-Kr-82  
Radionuclide Production Cross Section -77.56 To 4685. %



99

Incident Energy (eV)

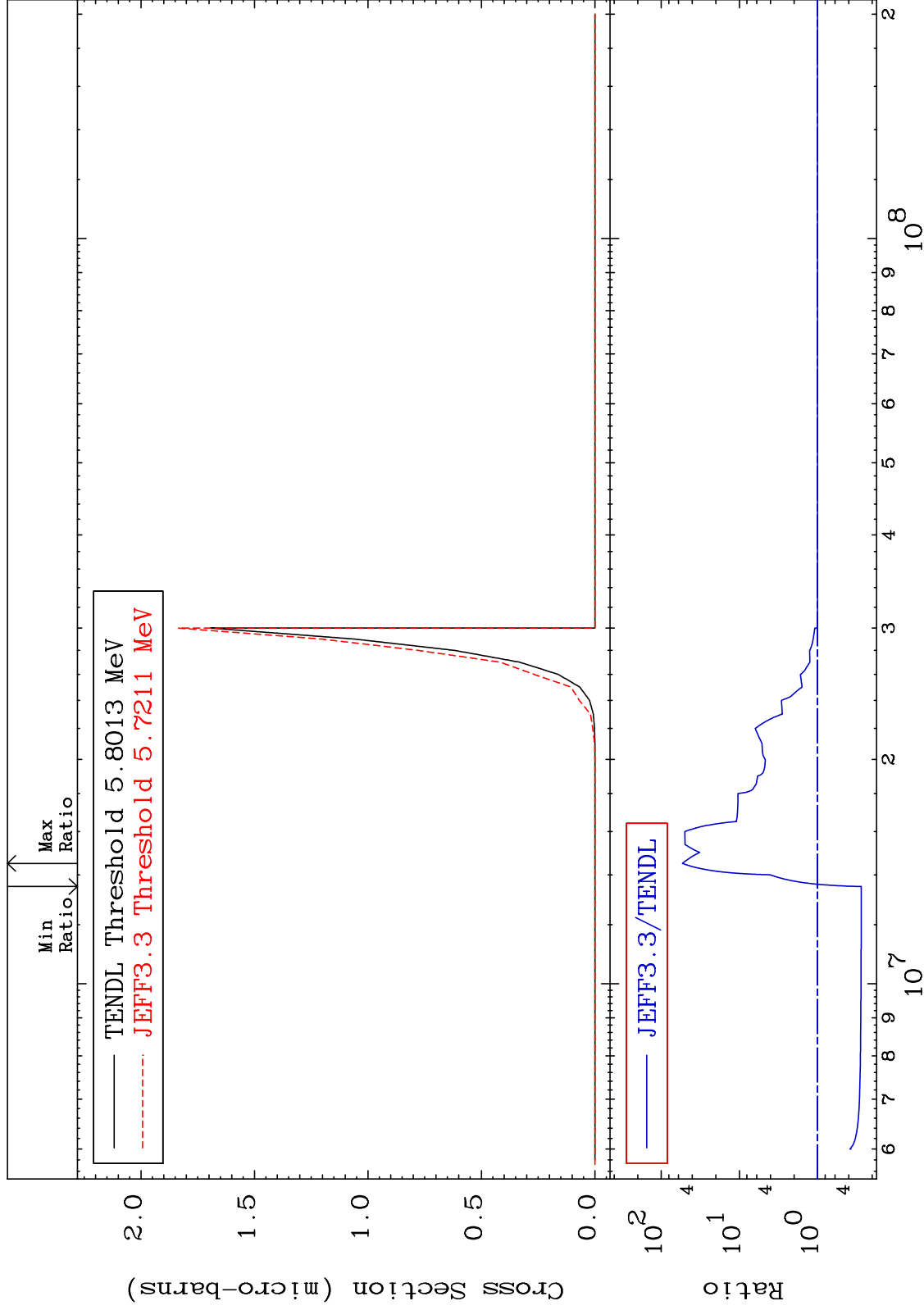
36-Kr-82

MAT 3637

(n,2α):32-Ge-75m2

36-Kr-82

Radionuclide Production Cross Section -72.40 To 5249. %

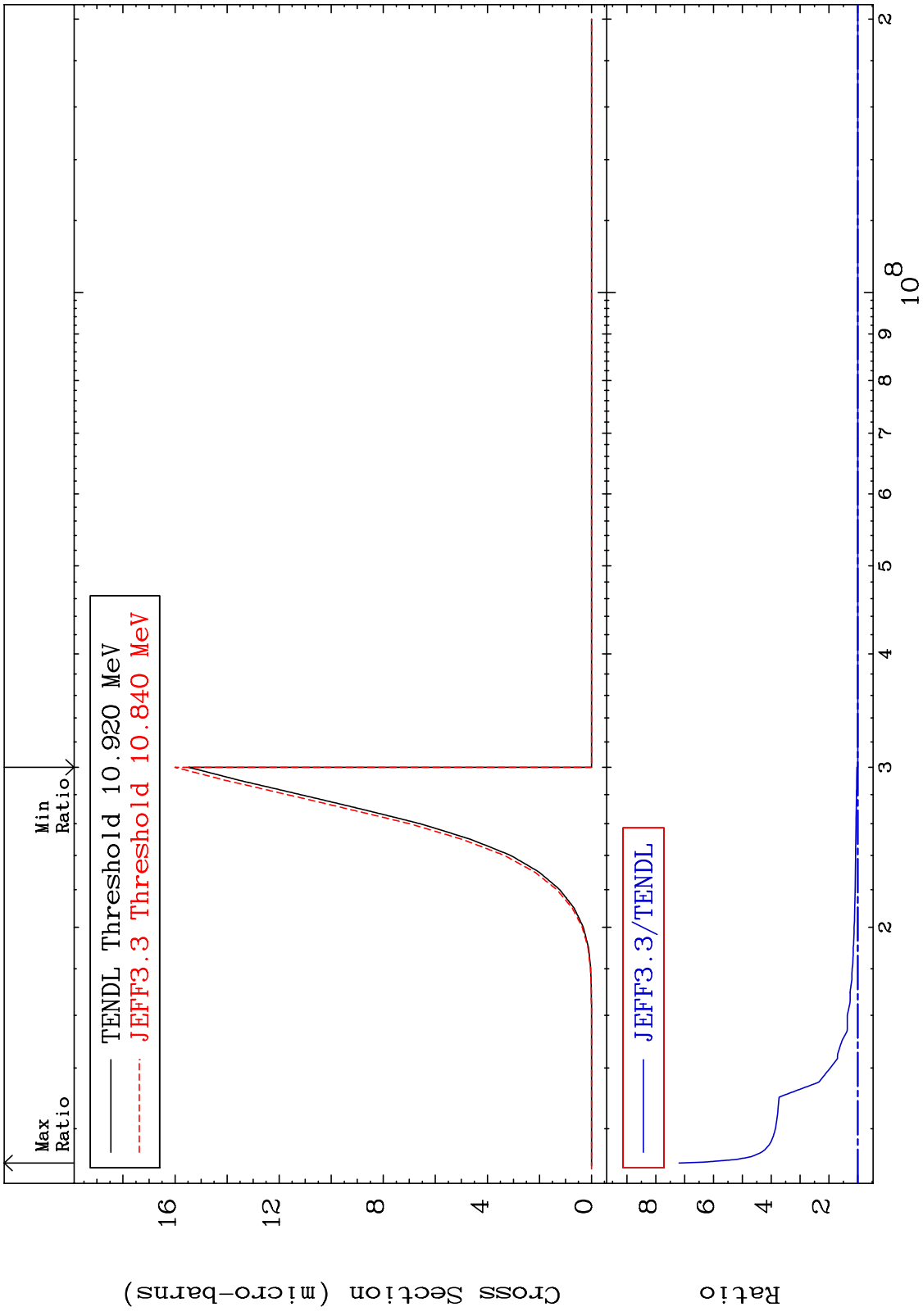


100

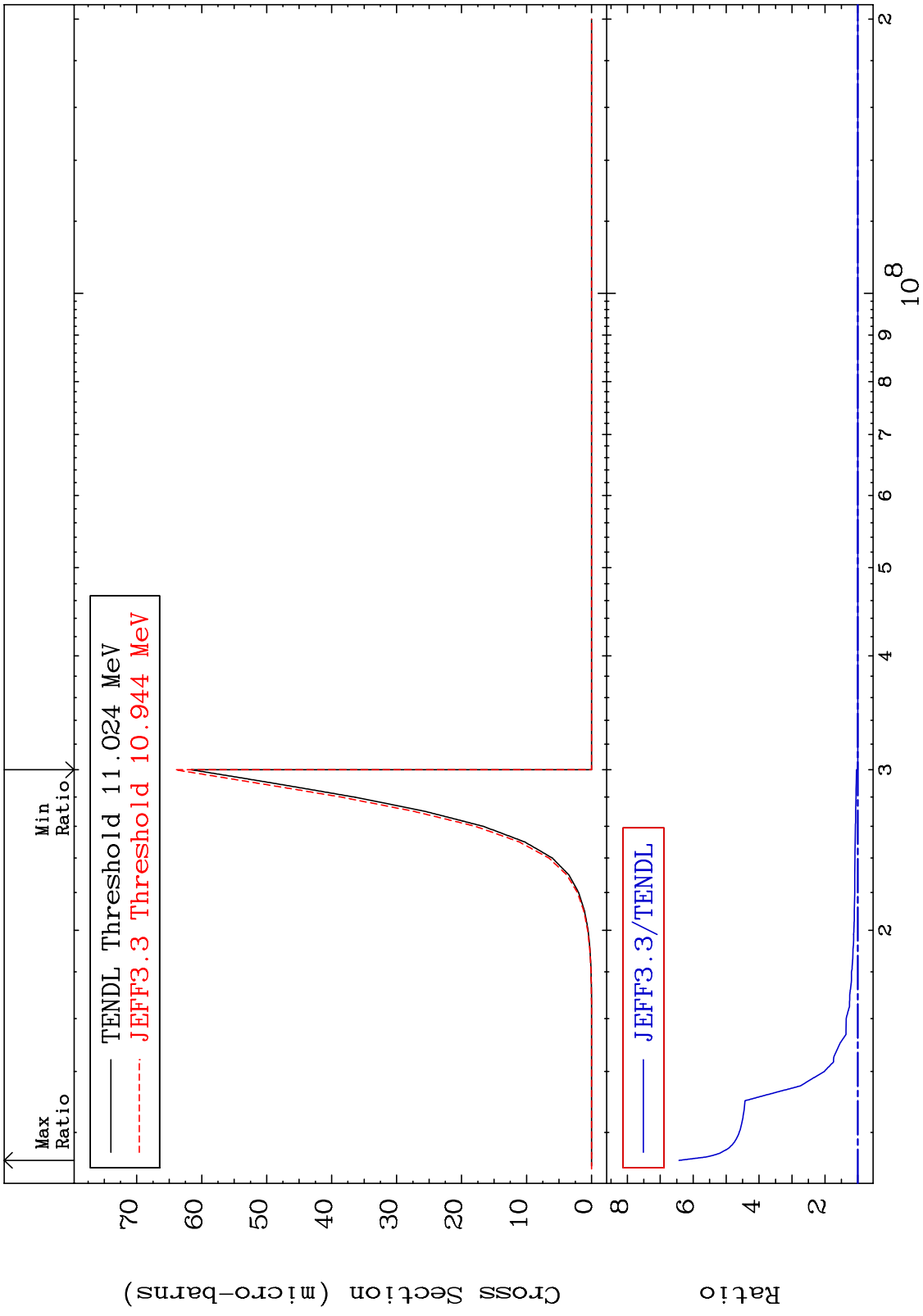
Incident Energy (eV)

36-Kr-82

MAT 3637 (n,2p):34-Se-81g 36-Kr-82  
 Radionuclide Production Cross Section 0.000 To 619.8 %



MAT 3637 (n,2p):34-Se-81m1 36-Kr-82  
 Radionuclide Production Cross Section 0.000 To 543.0 %

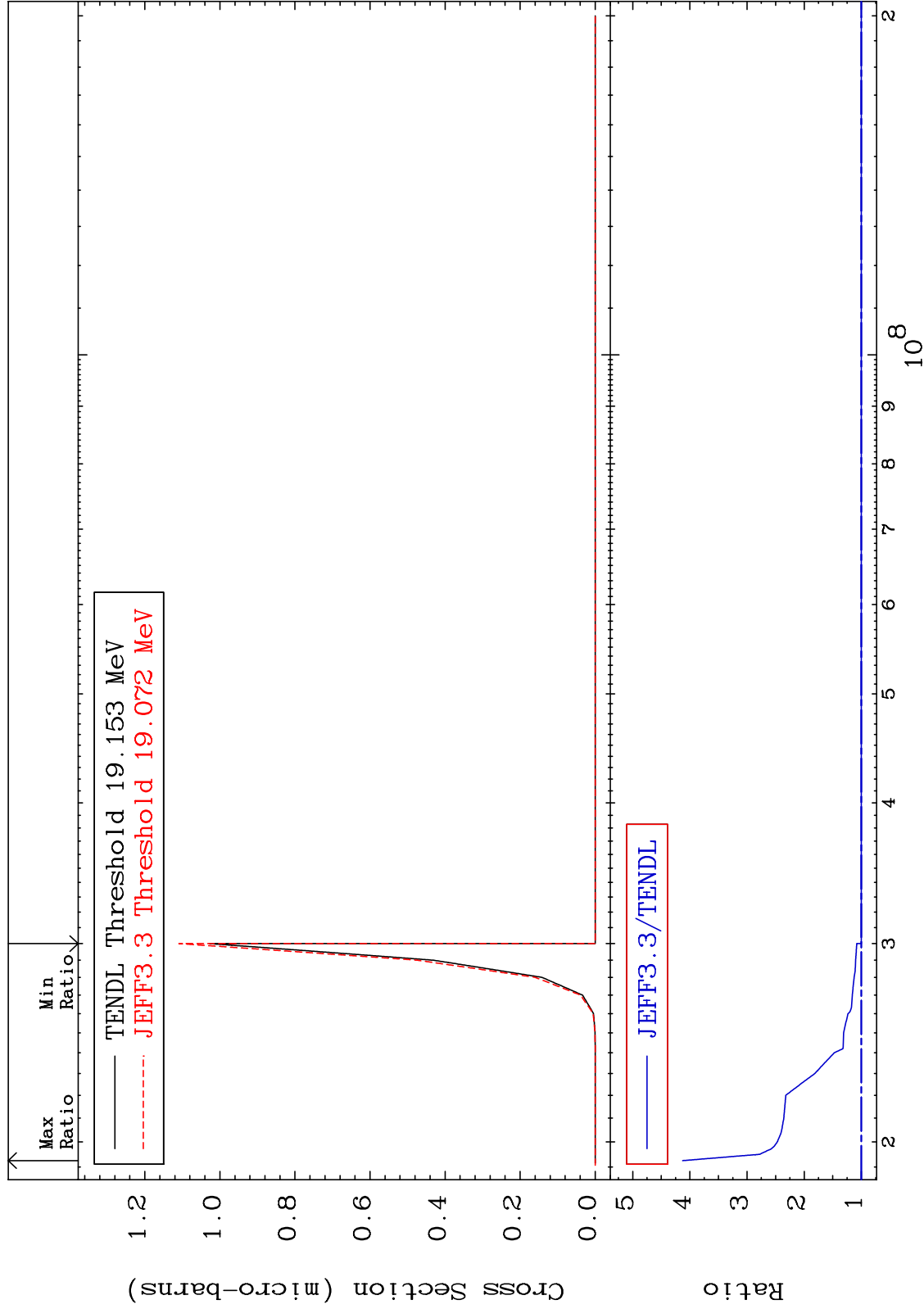


MAT 3637

(n,p) t:34-Se-79g

36-Kr-82

Radionuclide Production Cross Section 0.000 To 312.6 %



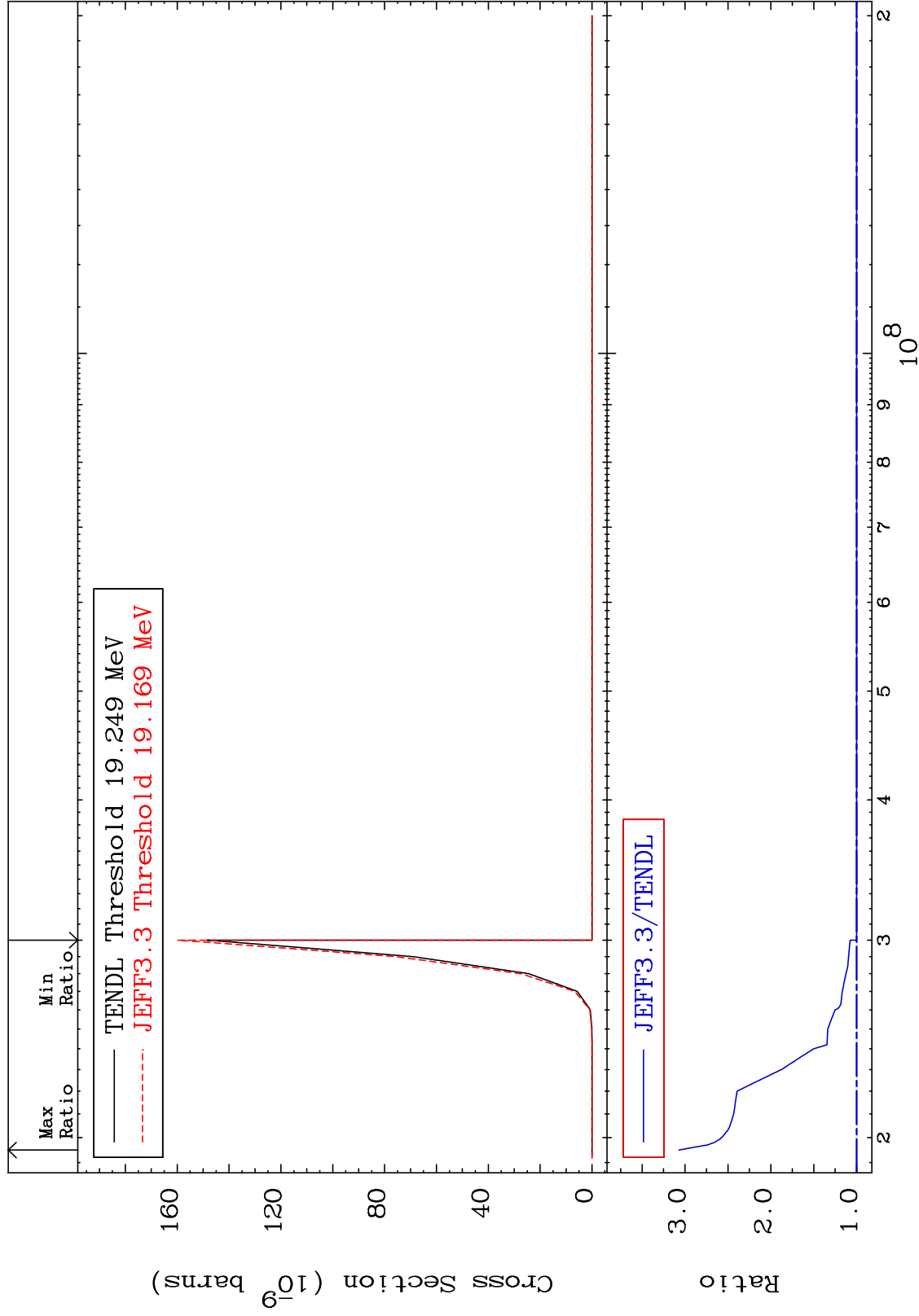


MAT 3637

(n,p) t:34-Se-79m1

36-Kr-82

Radionuclide Production Cross Section 0.000 To 207.0 %



104

Incident Energy (eV)

36-Kr-82