

Program Complot
(Version 2018-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

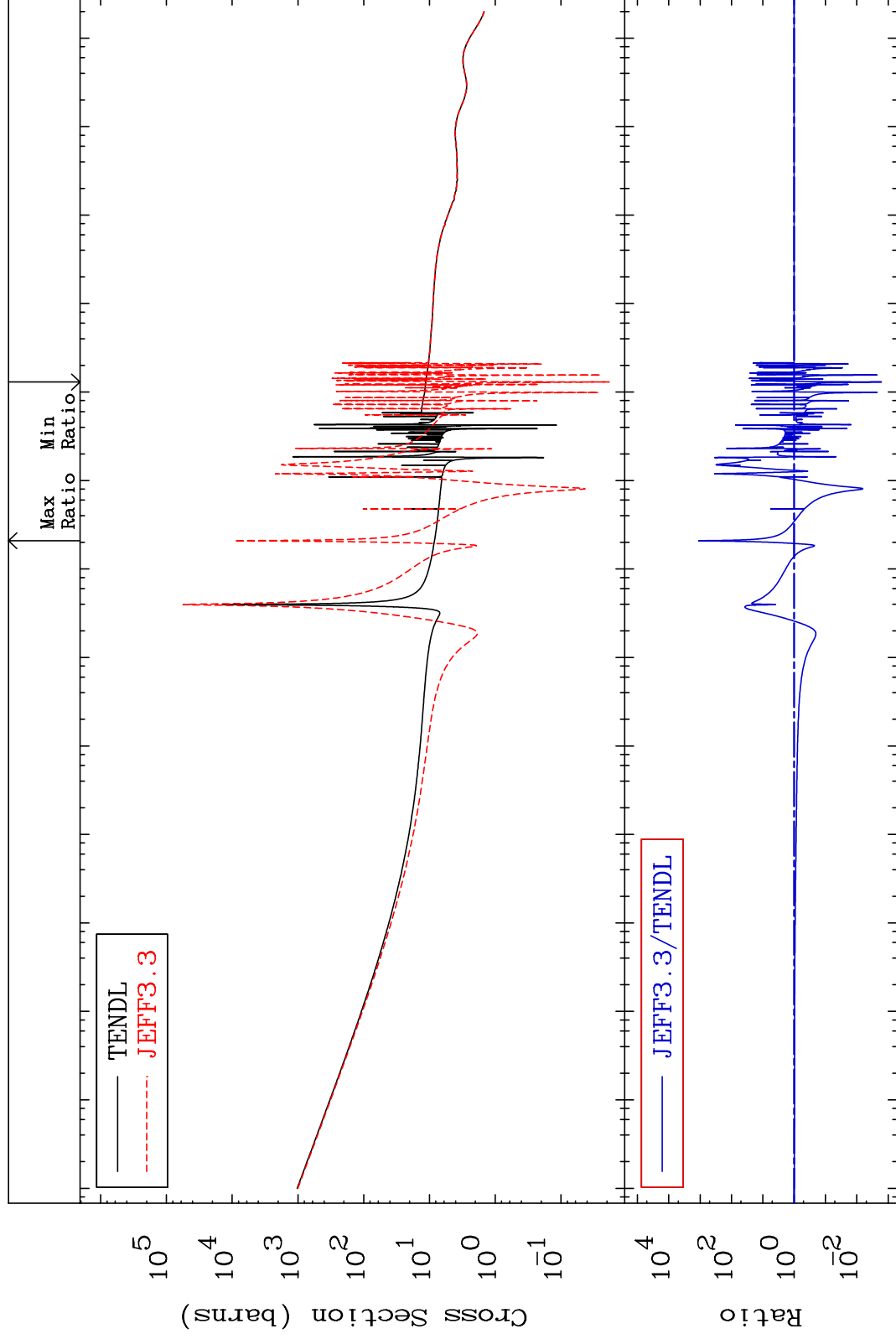
MAT 3637

Total

36-Kr-82

Cross Section

-99.84 To 9999. %



Incident Energy (eV)

36-Kr-82

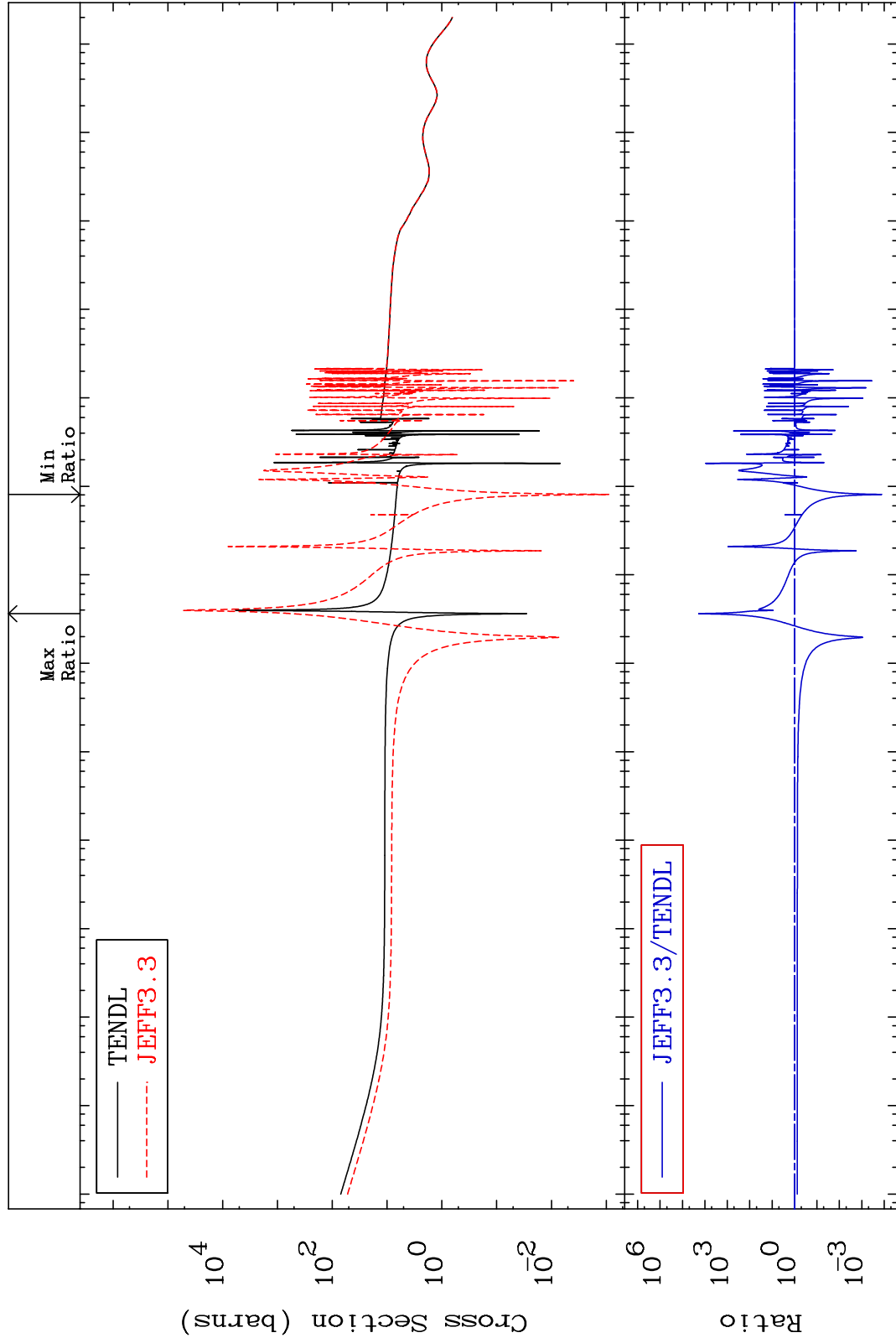
MAT 3637

Elastic

36-Kr-82

Cross Section

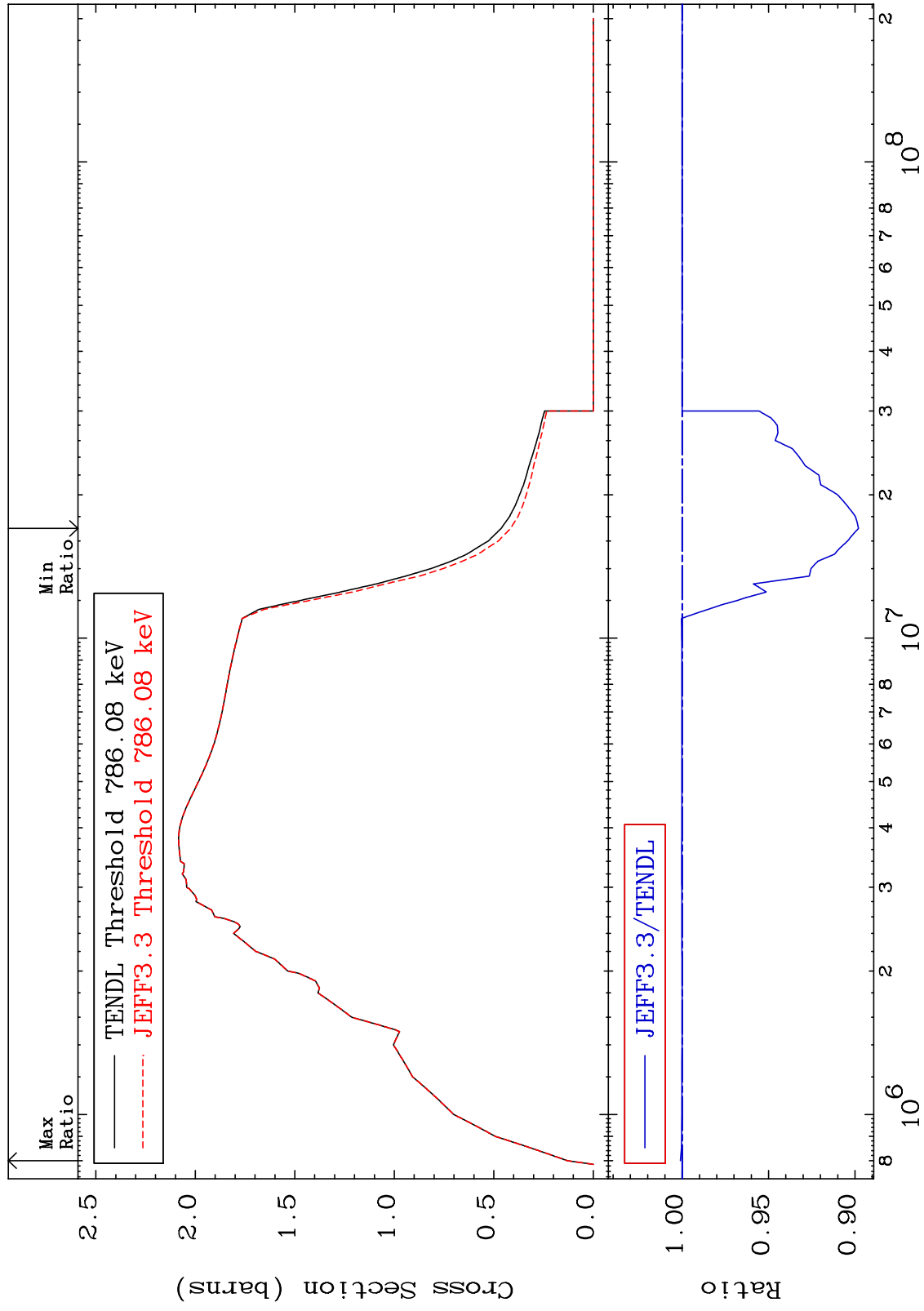
-99.99 To 9999. %



MAT 3637

Inelastic
Cross Section

36-Kr-82
-10.21 To 0.101 %



Incident Energy (eV)

36-Kr-82

3

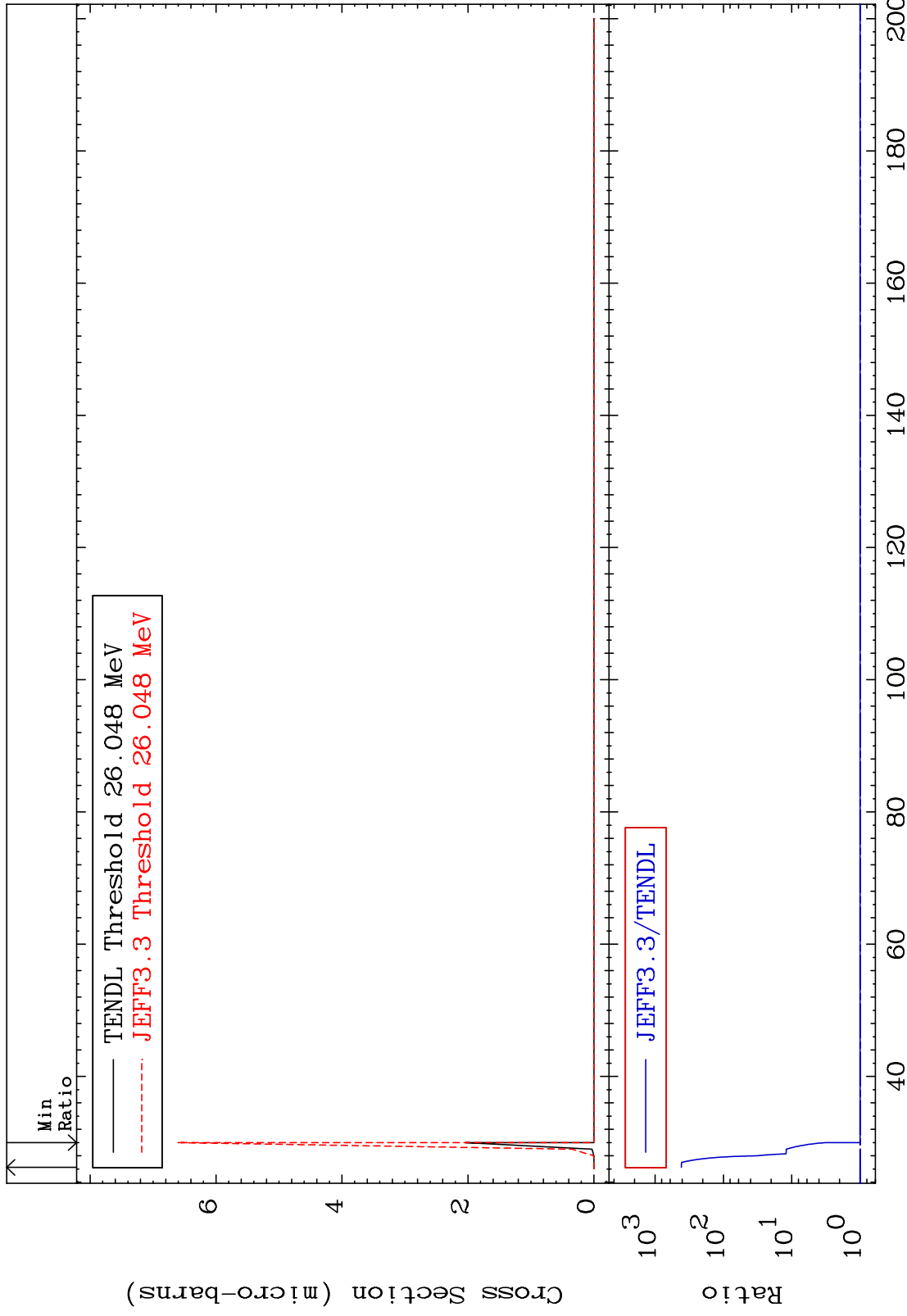
MAT 3637

(n,2n) d

³⁶Kr-82

Cross Section

0.000 To 9999. %



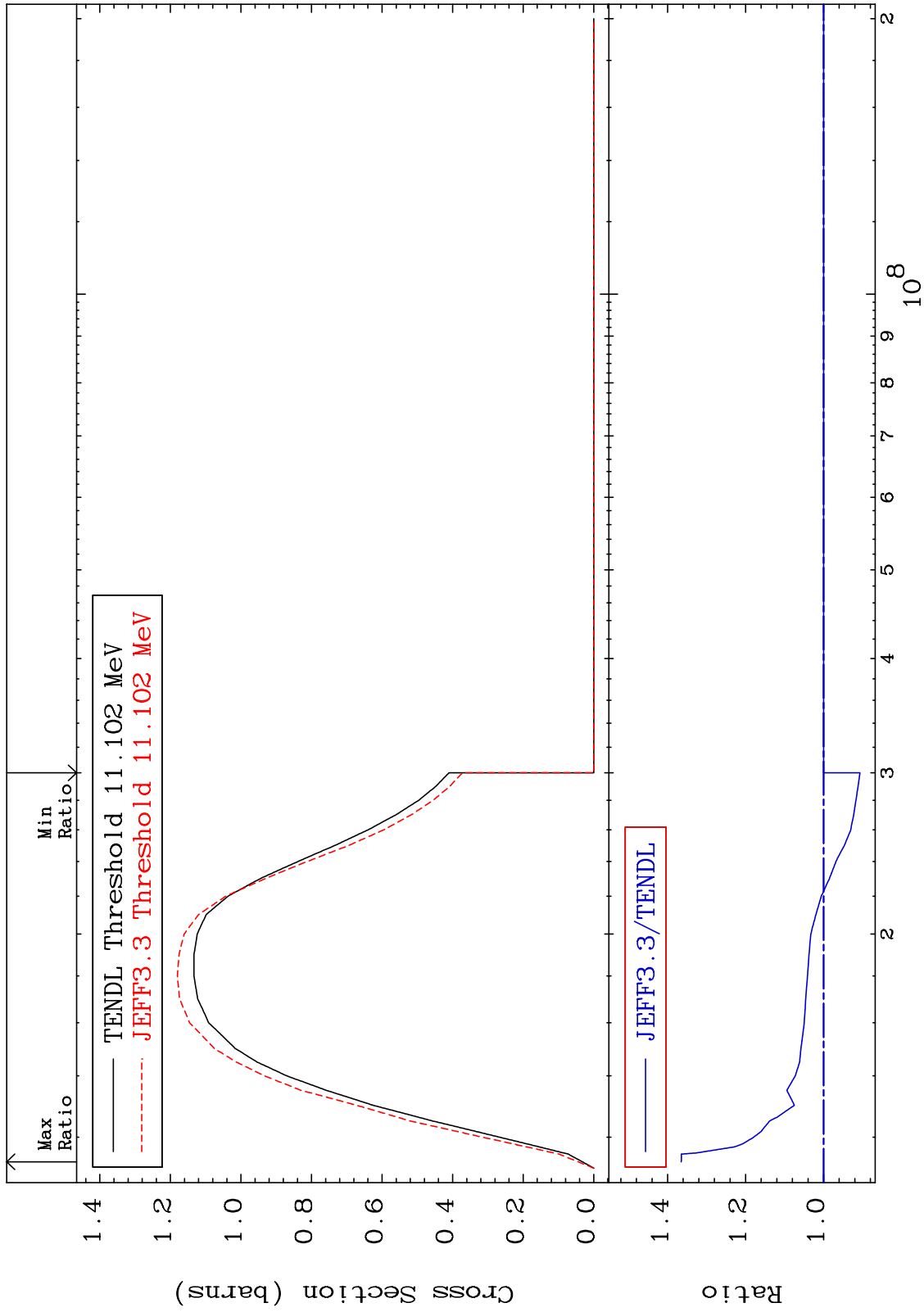
MAT 3637

(n,2n)

36-Kr-82

Cross Section

-9.313 To 36.51 %



MAT 3637

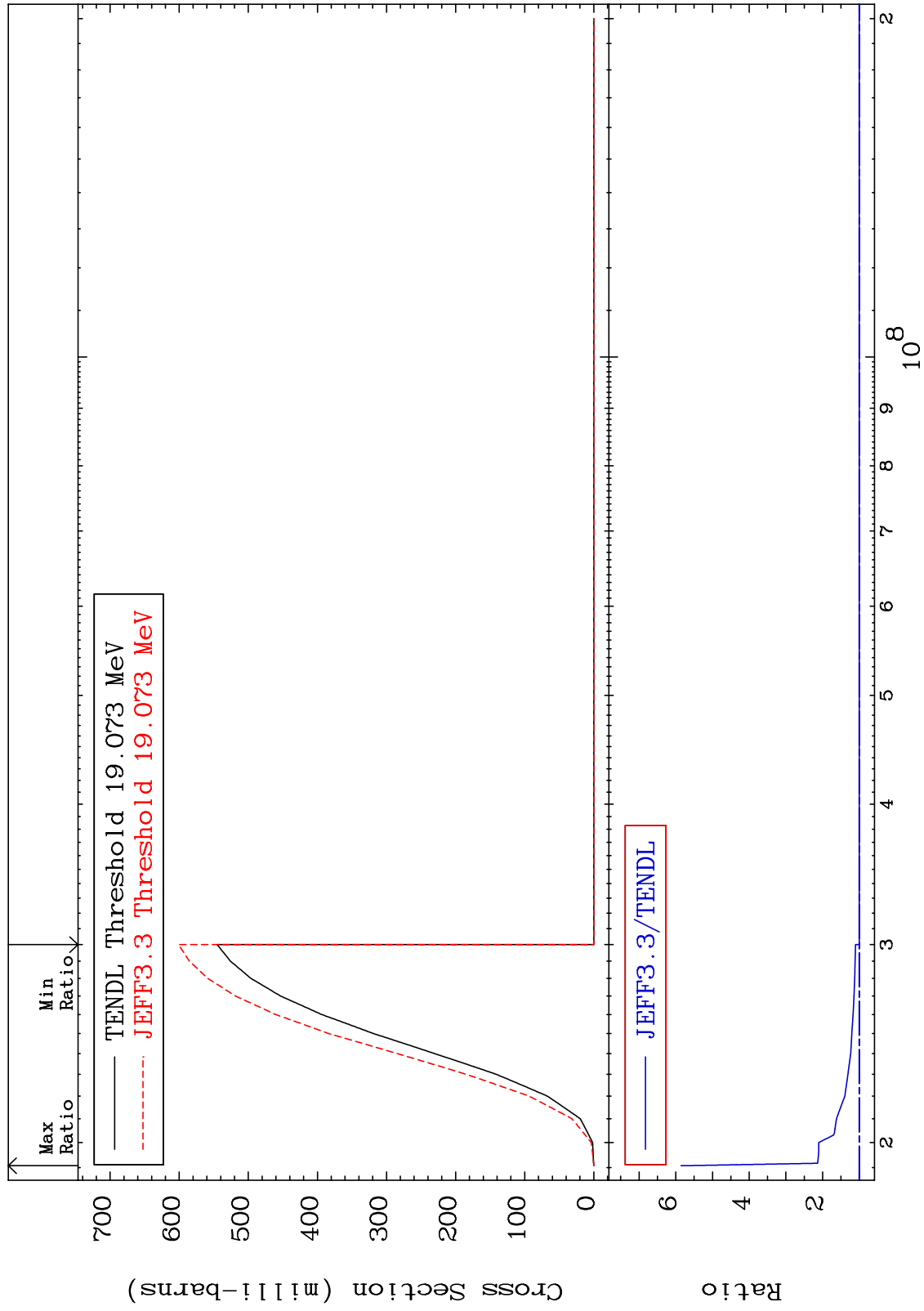
(n,3n)

³⁶Kr-82

Cross Section

0.000

To 485.6 %



6

Incident Energy (eV)

³⁶Kr-82

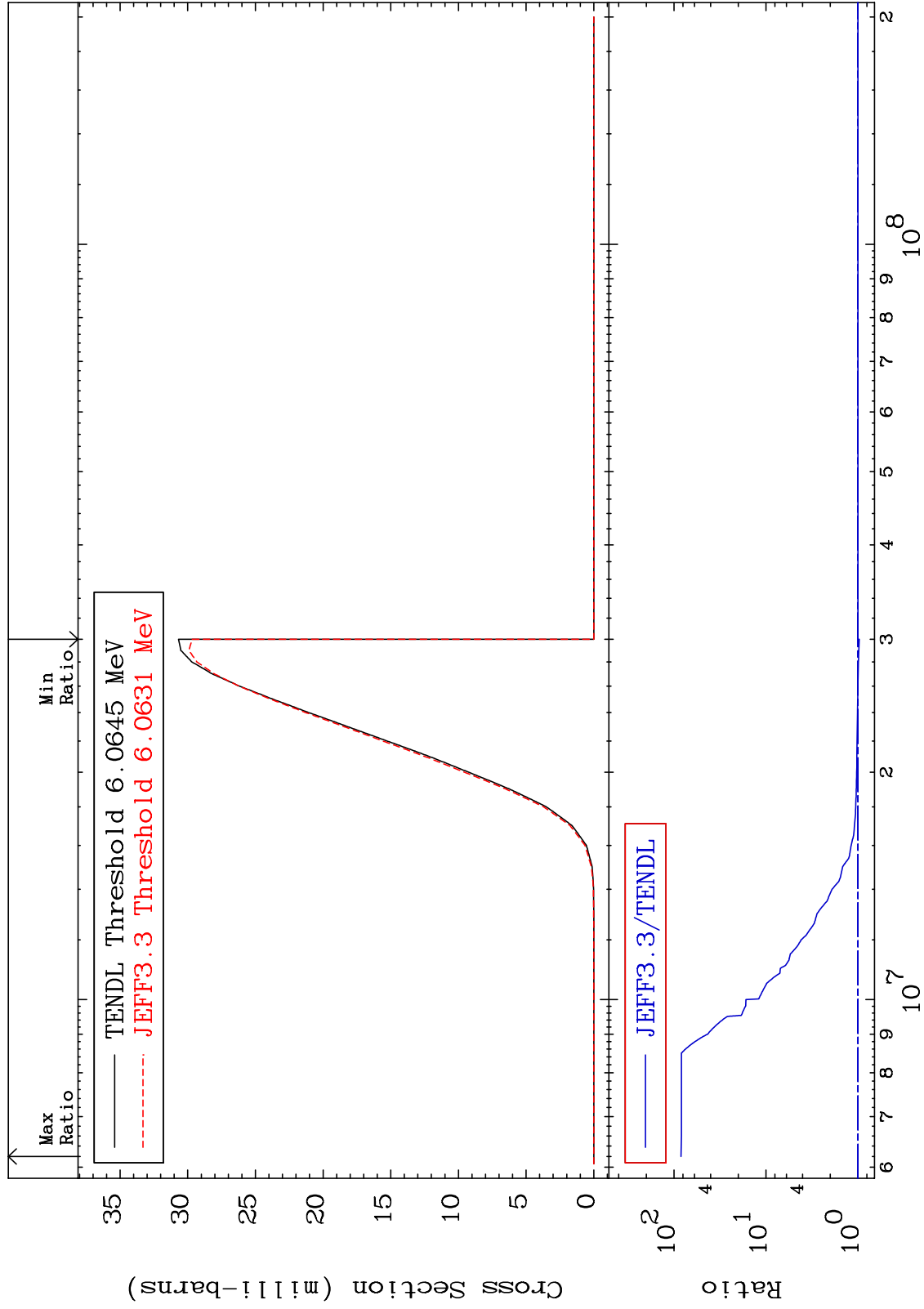
MAT 3637

$(n, n') \alpha$

36-Kr-82

Cross Section

-3.287 To 8282. %



7

Incident Energy (eV)

36-Kr-82

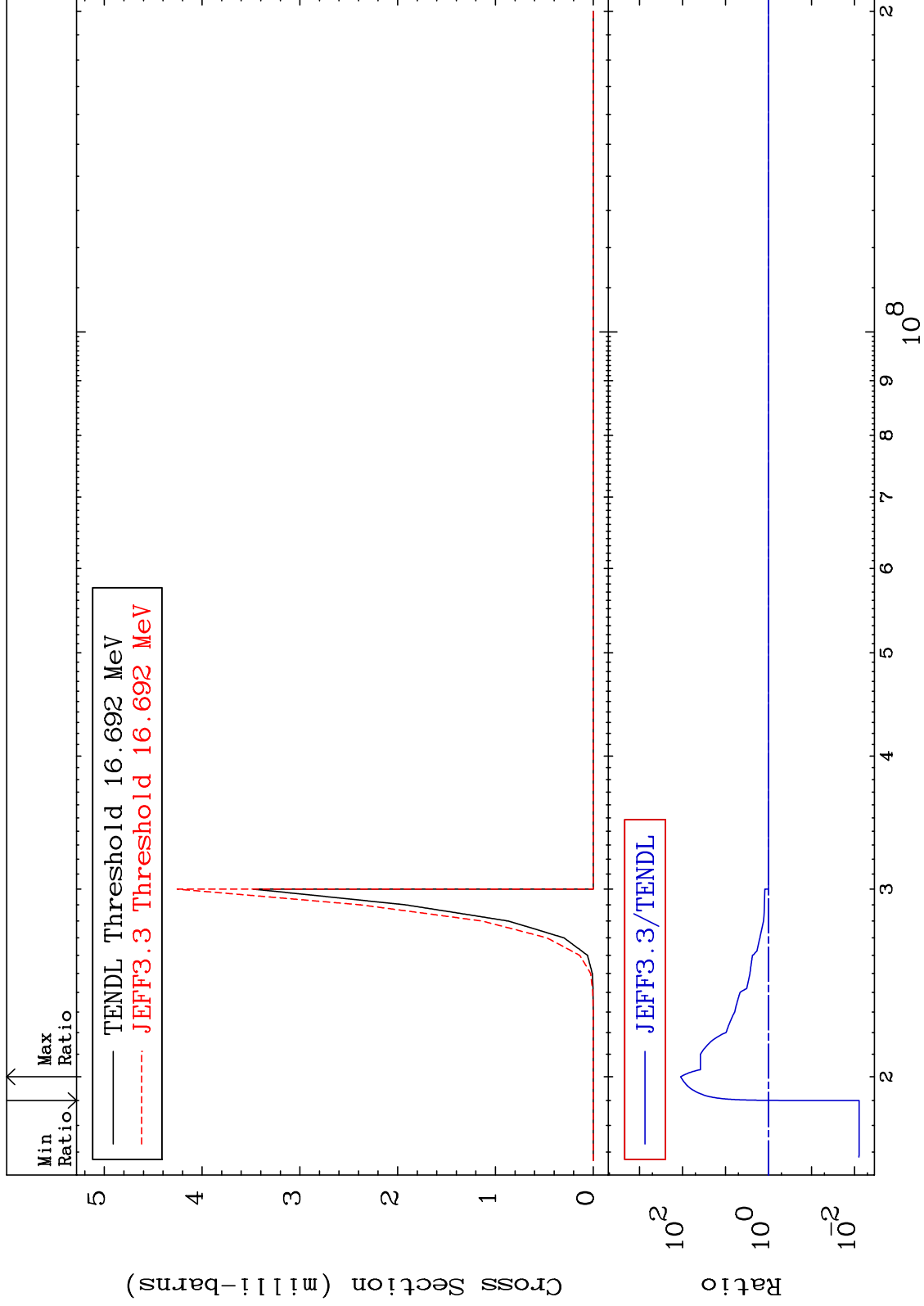
MAT 3637

(n,2n) α

36-Kr-82

Cross Section

-99.22 To 9999. %



MAT 3637

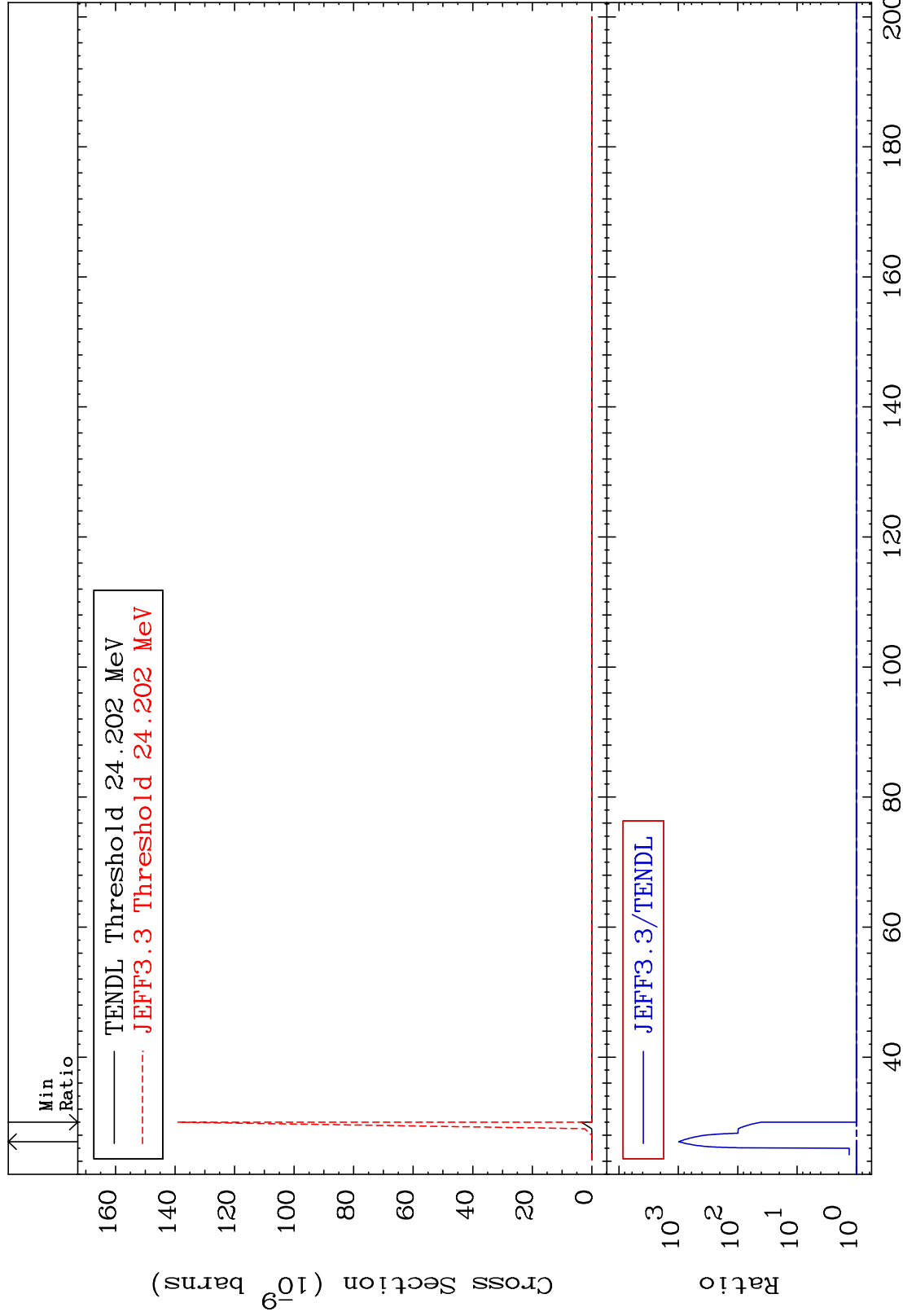
(n, 3n) α

36-Kr-82

Cross Section

0.000

To 9999. %



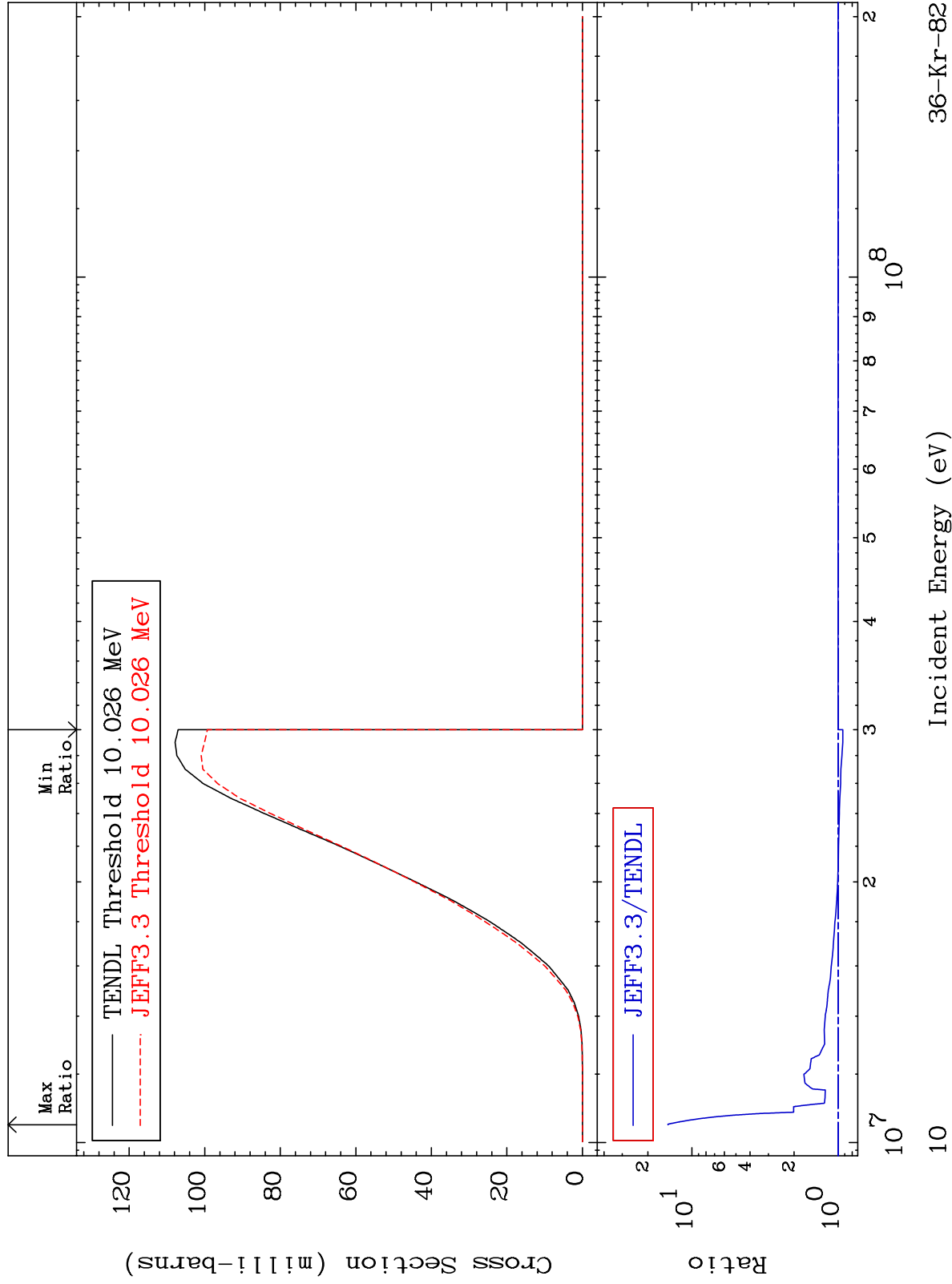
MAT 3637

(n,n') p

36-Kr-82

Cross Section

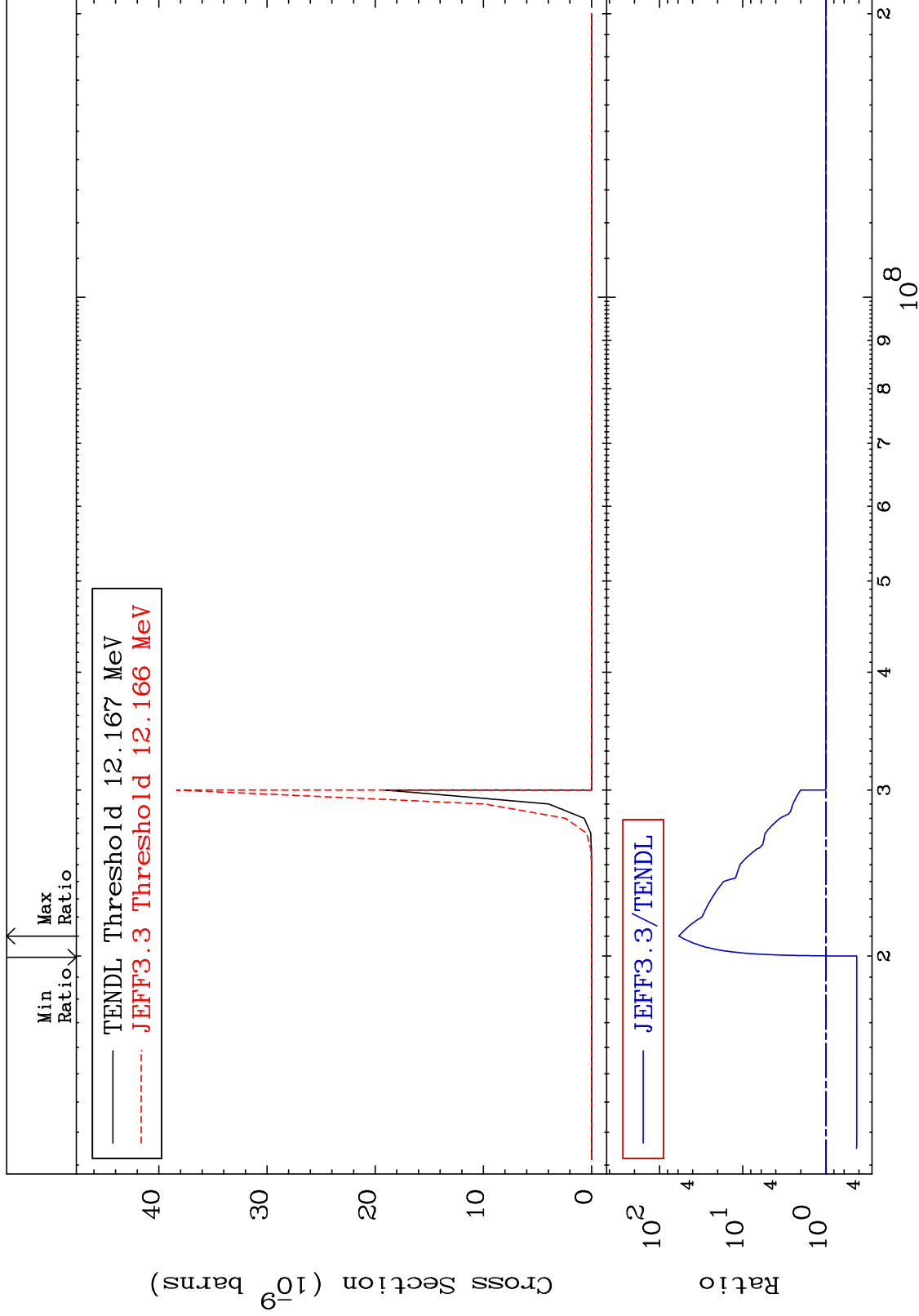
-7.241 To 1358. %



MAT 3637

(n, n') 2α
Cross Section

36-Kr-82
-57.64 To 5772. %



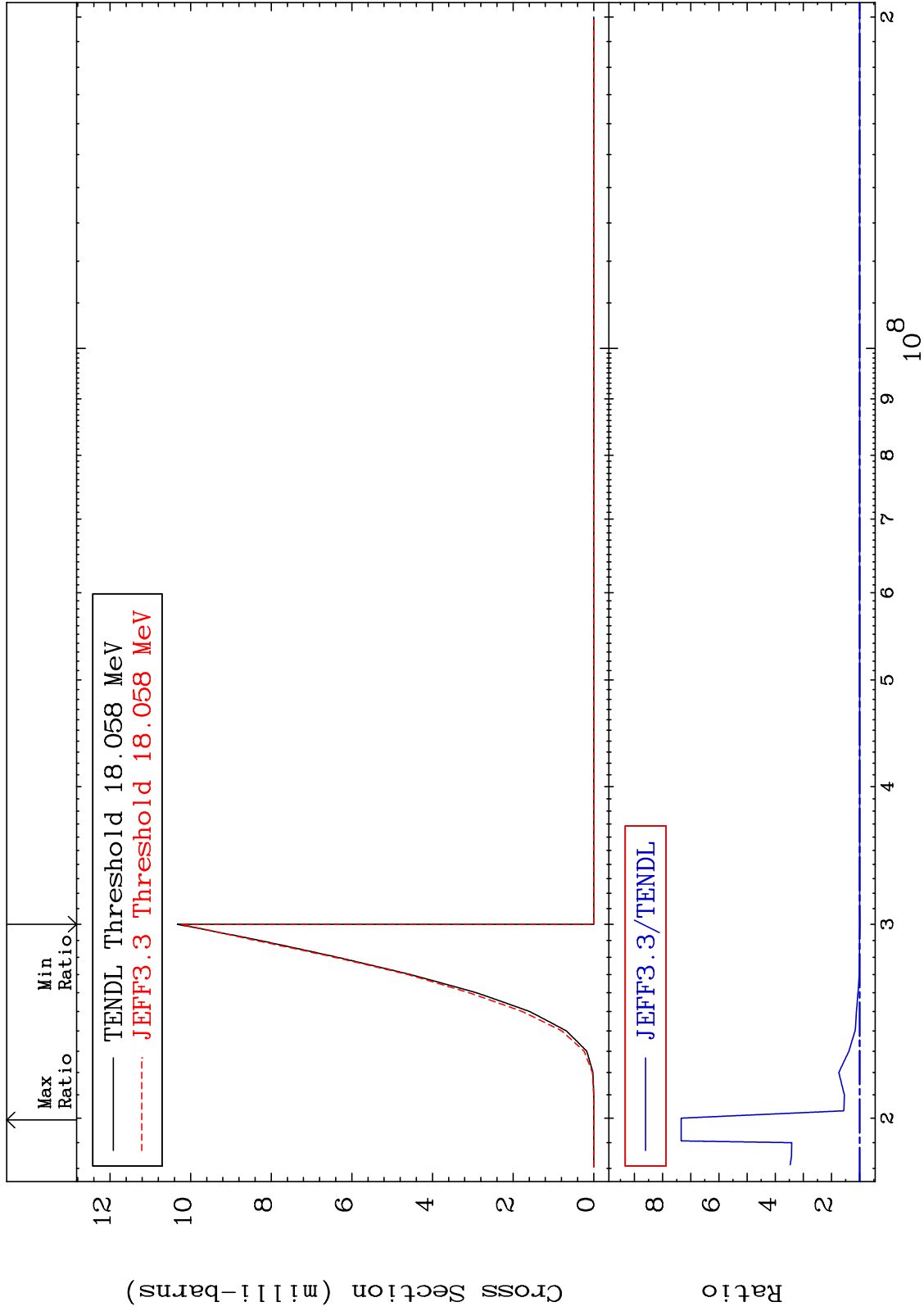
MAT 3637

(n, n') d

36-Kr-82

Cross Section

-0.780 To 633.9 %



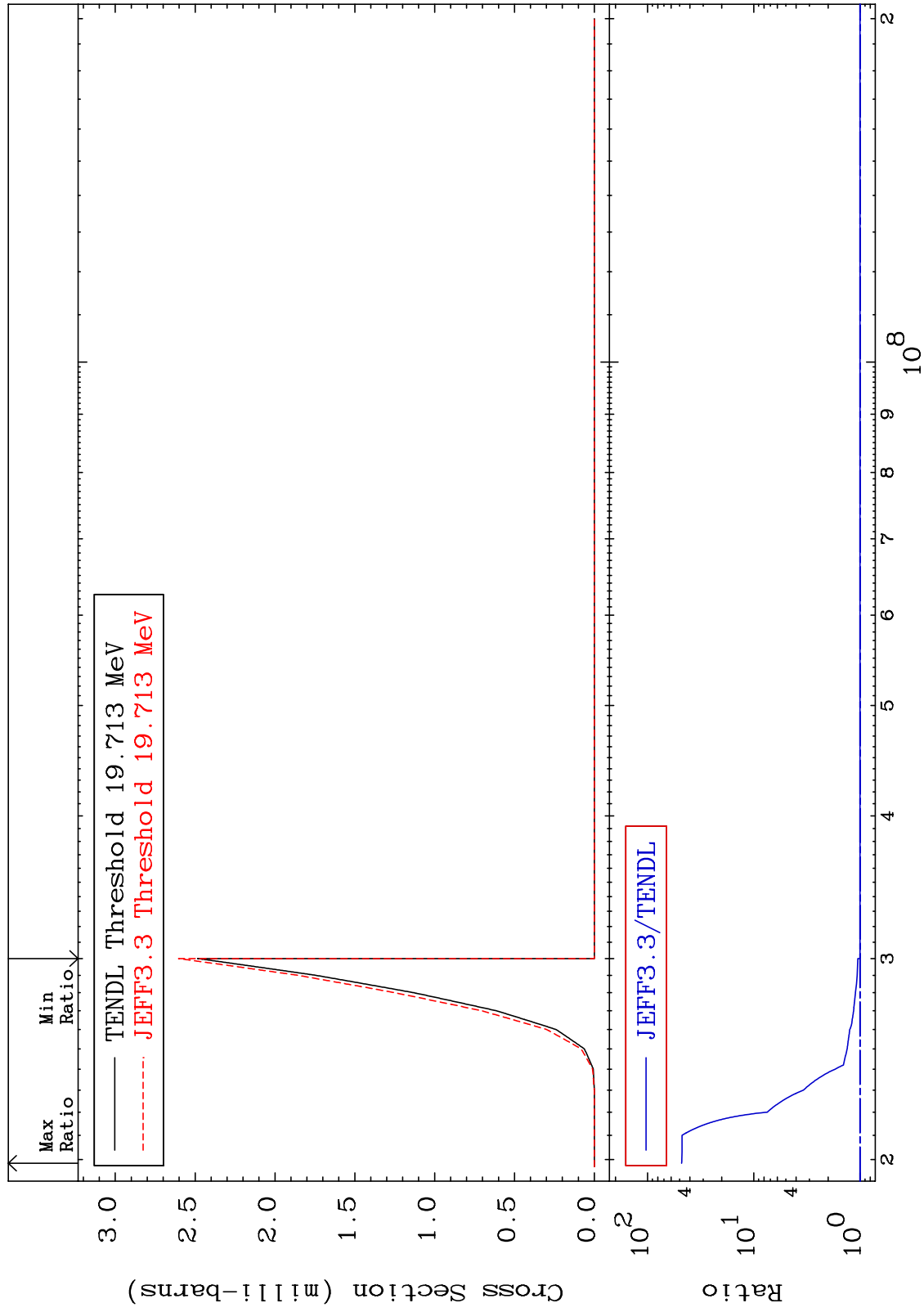
MAT 3637

(n,n') t

36-Kr-82

Cross Section

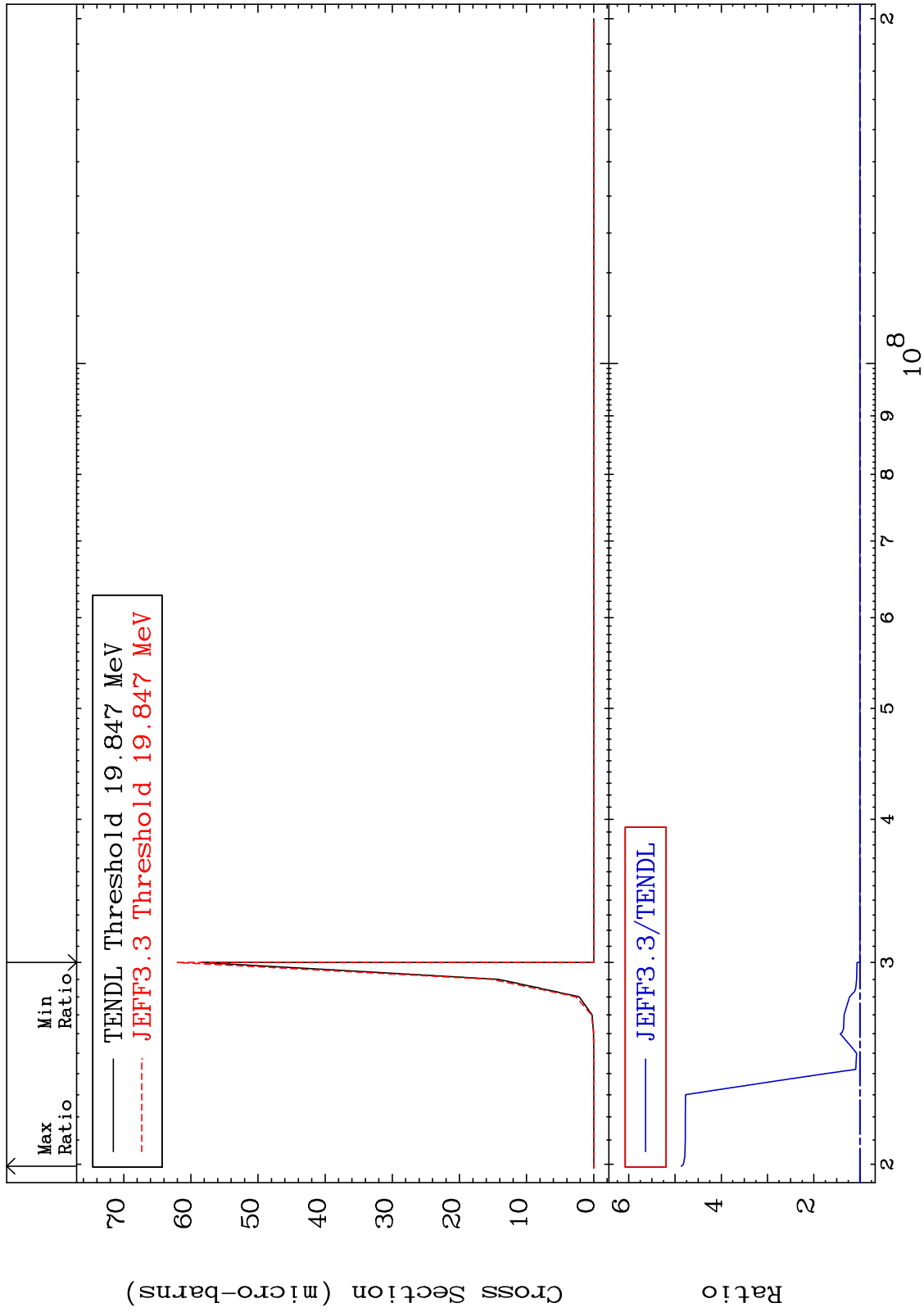
0.000 To 4676. %



MAT 3637

(n,n') He-3
Cross Section

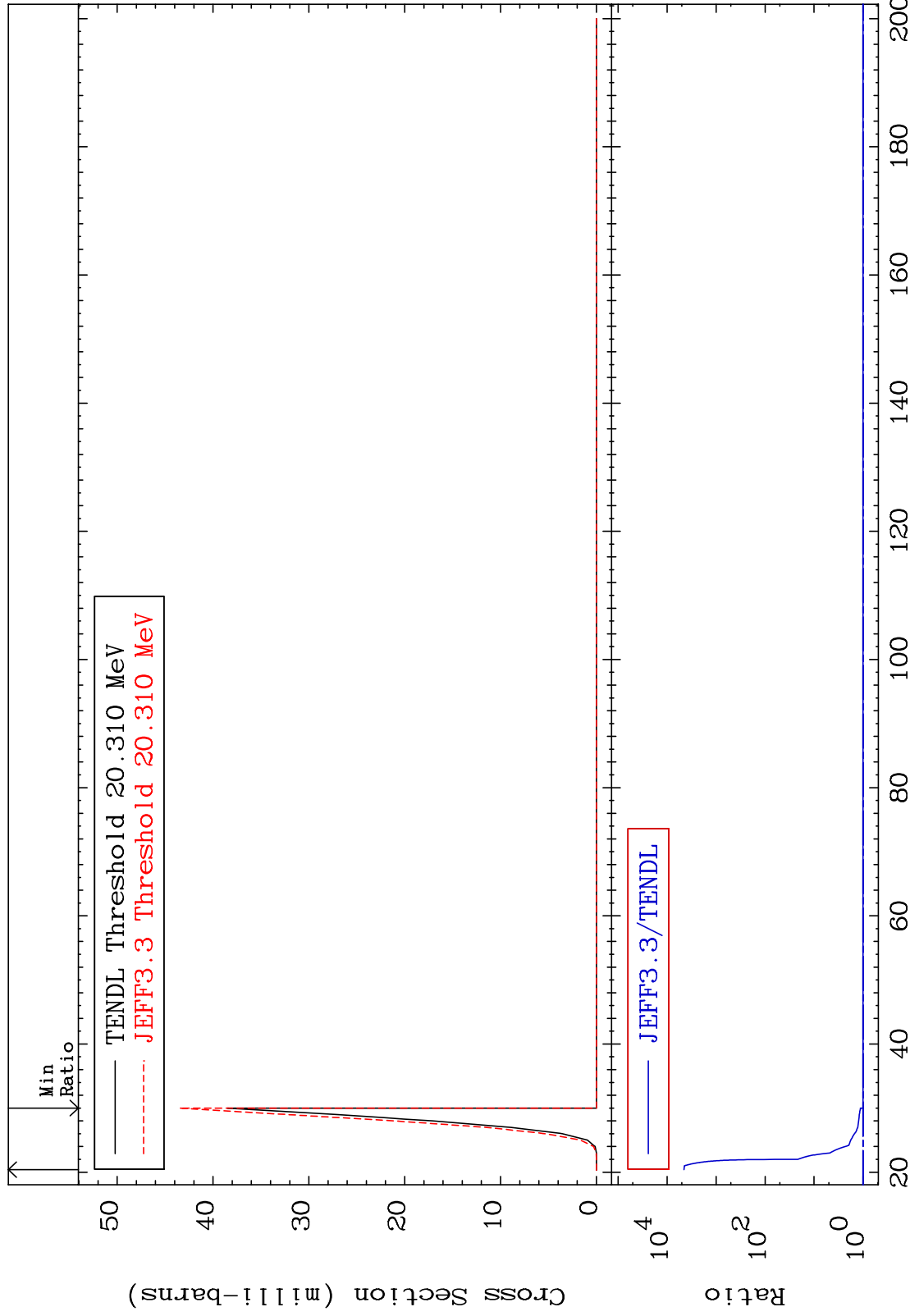
36-Kr-82
0.000 To 386.6 %



MAT 3637

(n,2n) p
Cross Section

36-Kr-82
0.000 To 9999. %



15

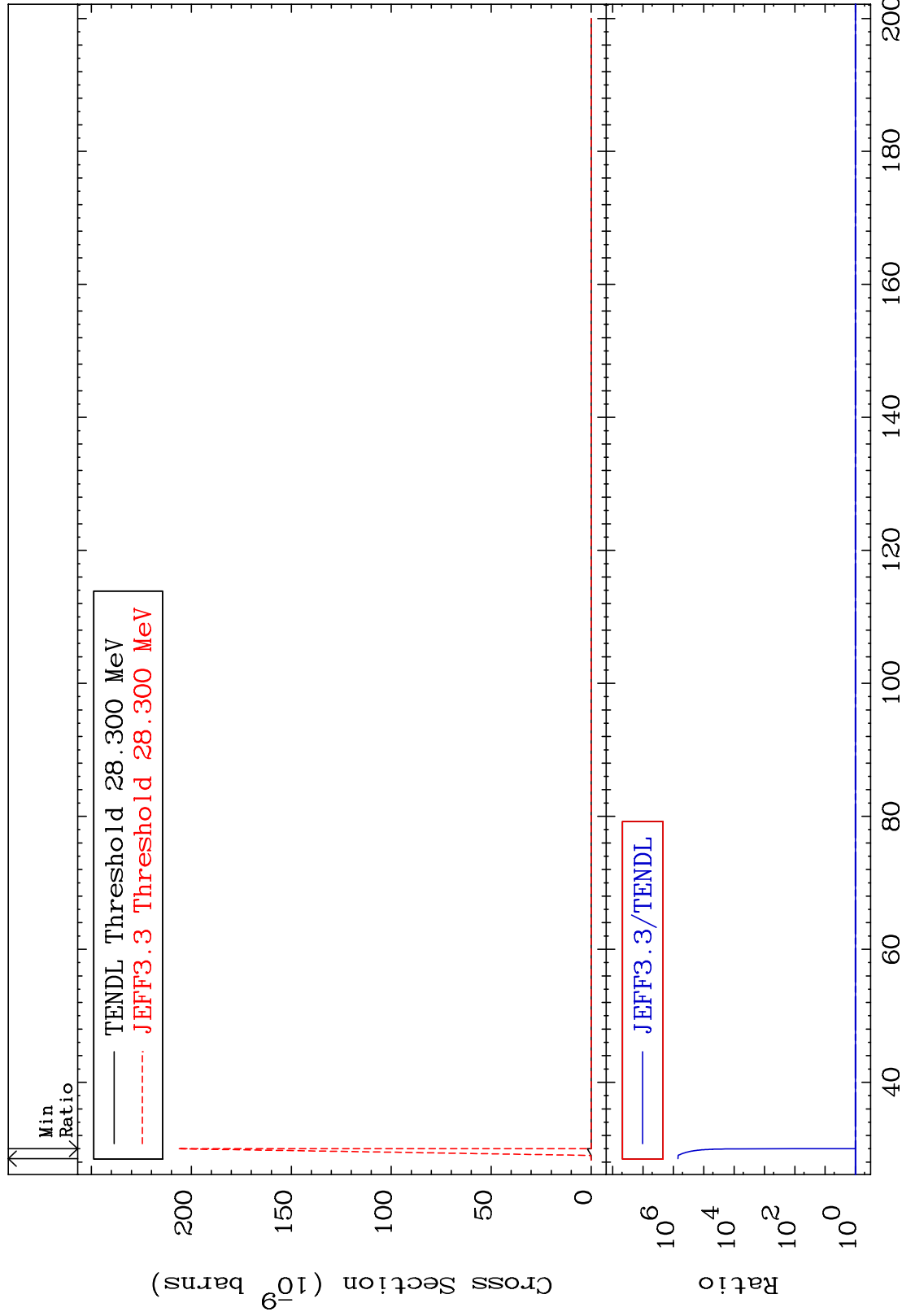
Incident Energy (MeV)

36-Kr-82

MAT 3637

(n,3n) p
Cross Section

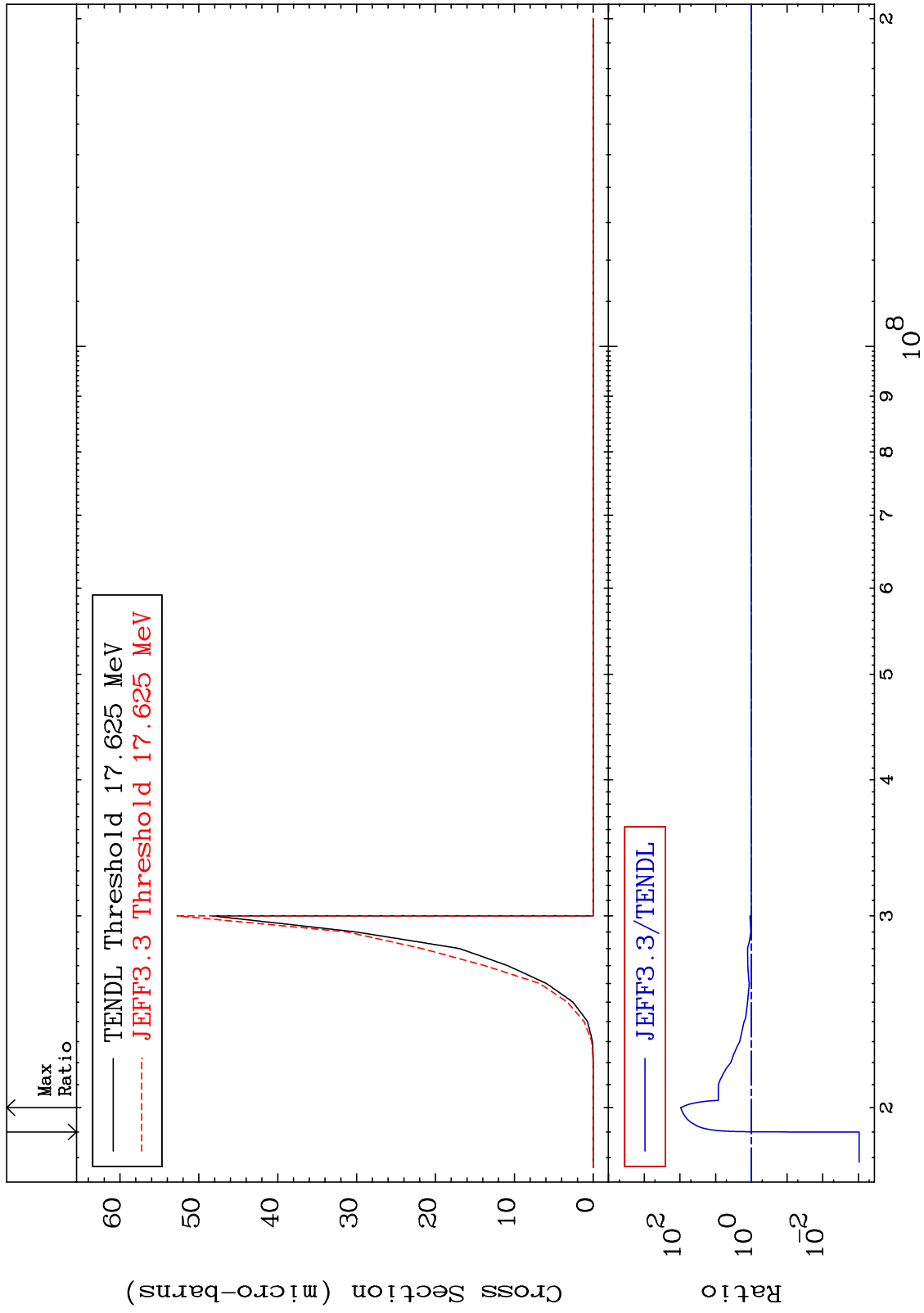
36-Kr-82
0.000 To 9999. %



MAT 3637

(n,2n) p
Cross Section

36-Kr-82
-99.90 To 9507. %



17

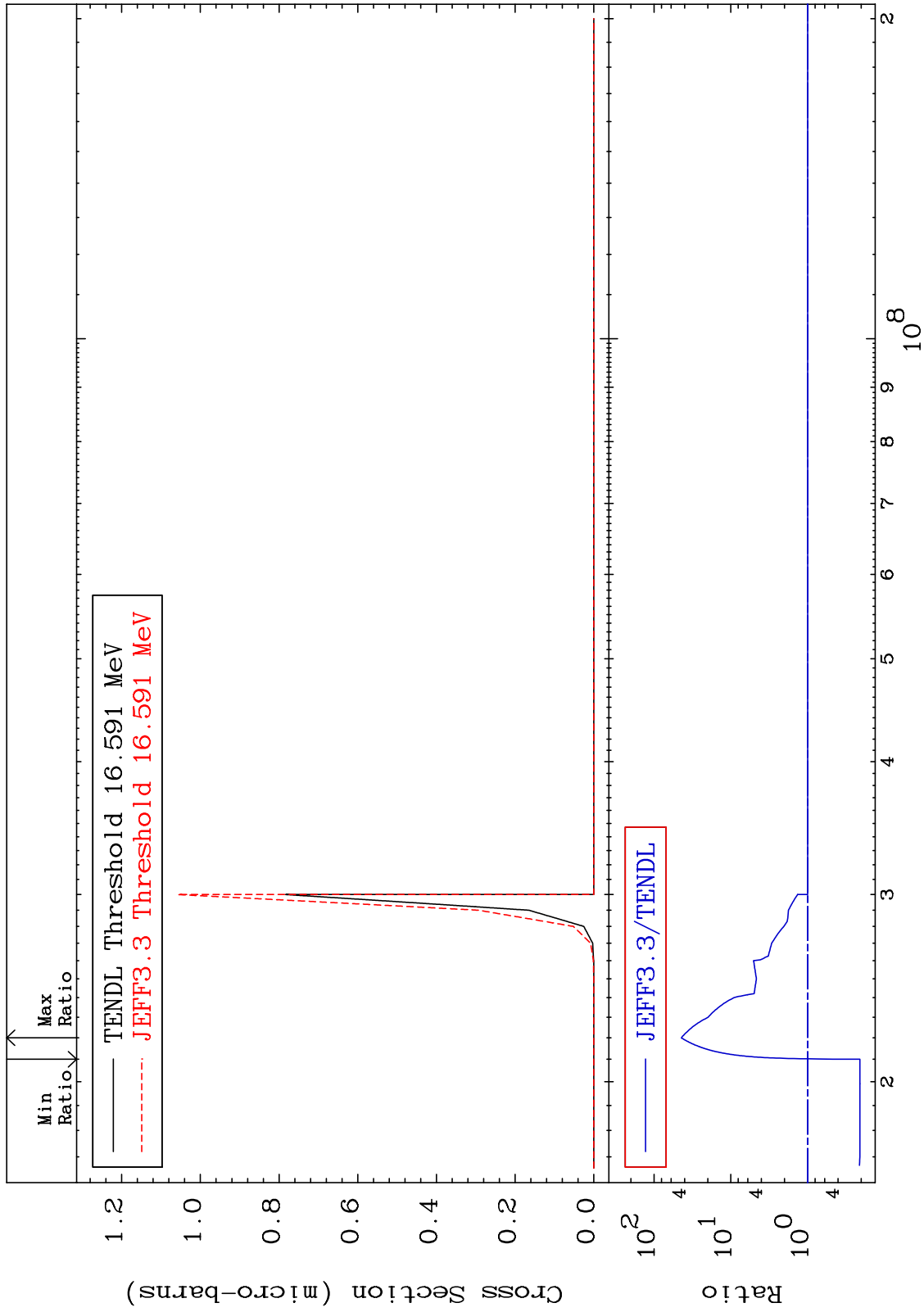
Incident Energy (eV)

36-Kr-82

MAT 3637

(n,n') p α
Cross Section

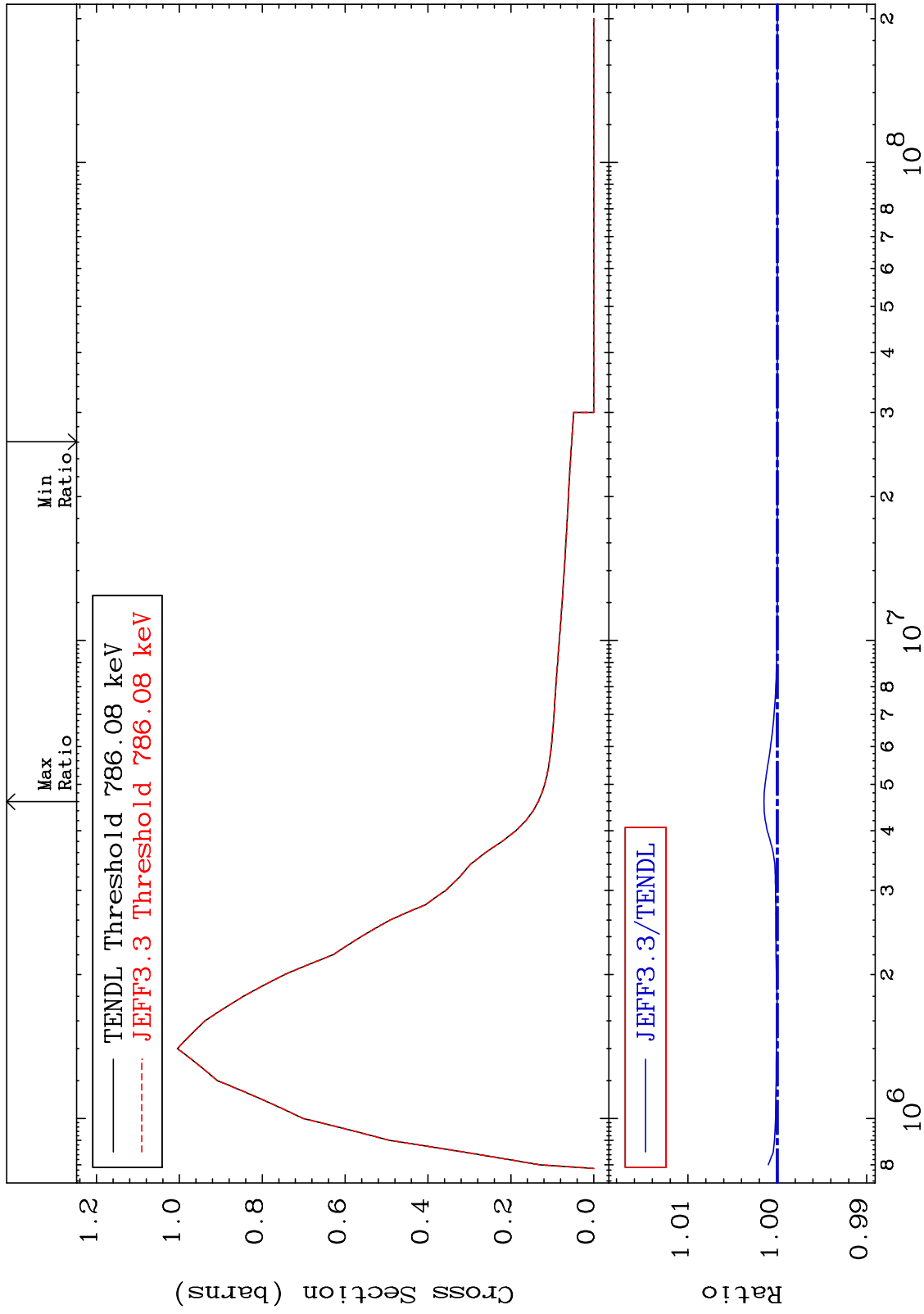
36-Kr-82
-79.19 To 4326. %



MAT 3637

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

0.000 To 0.150 %
36-Kr-82



19

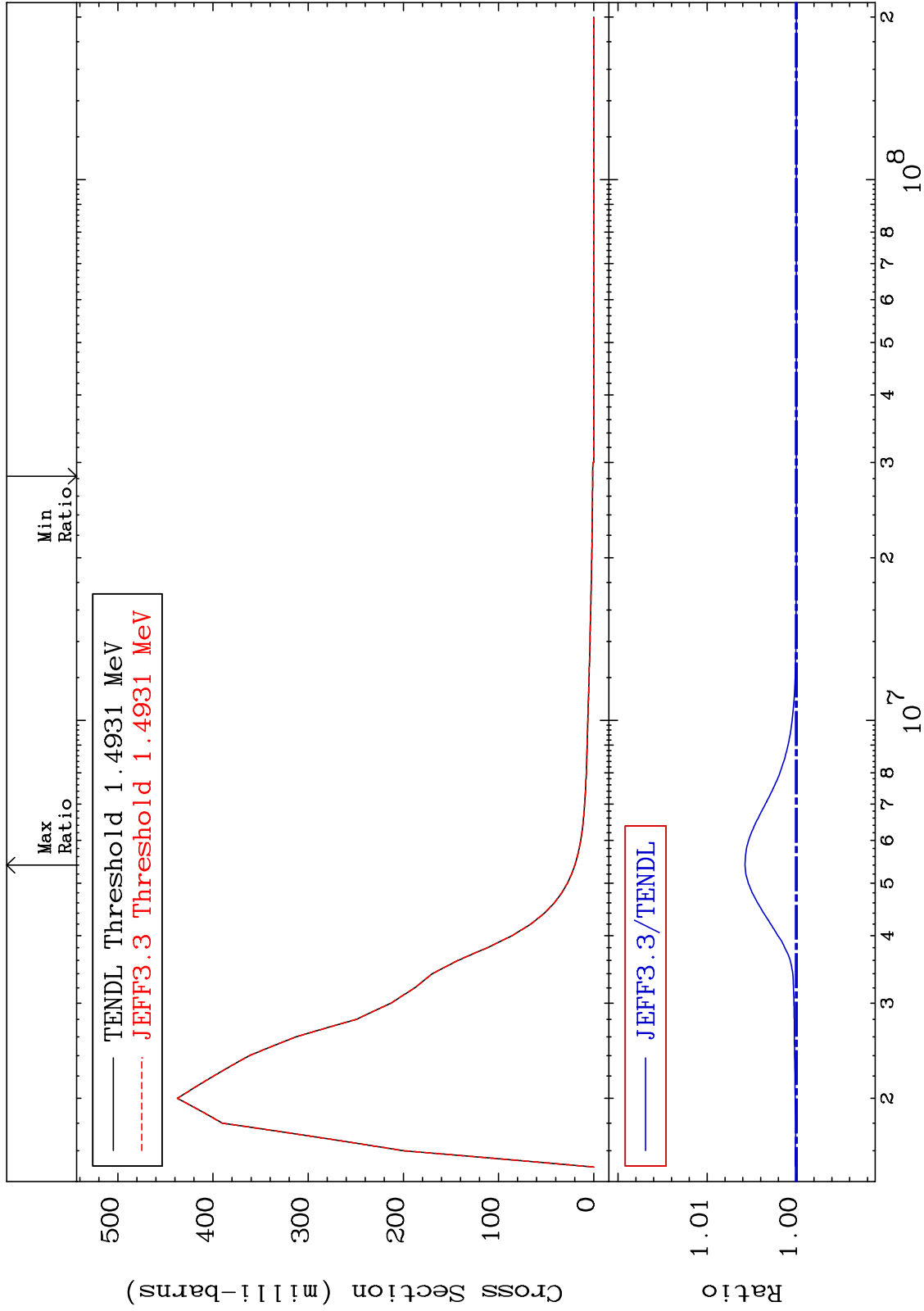
Incident Energy (eV)

36-Kr-82

MAT 3637

MT= 52 (n, n') Level
Cross Section

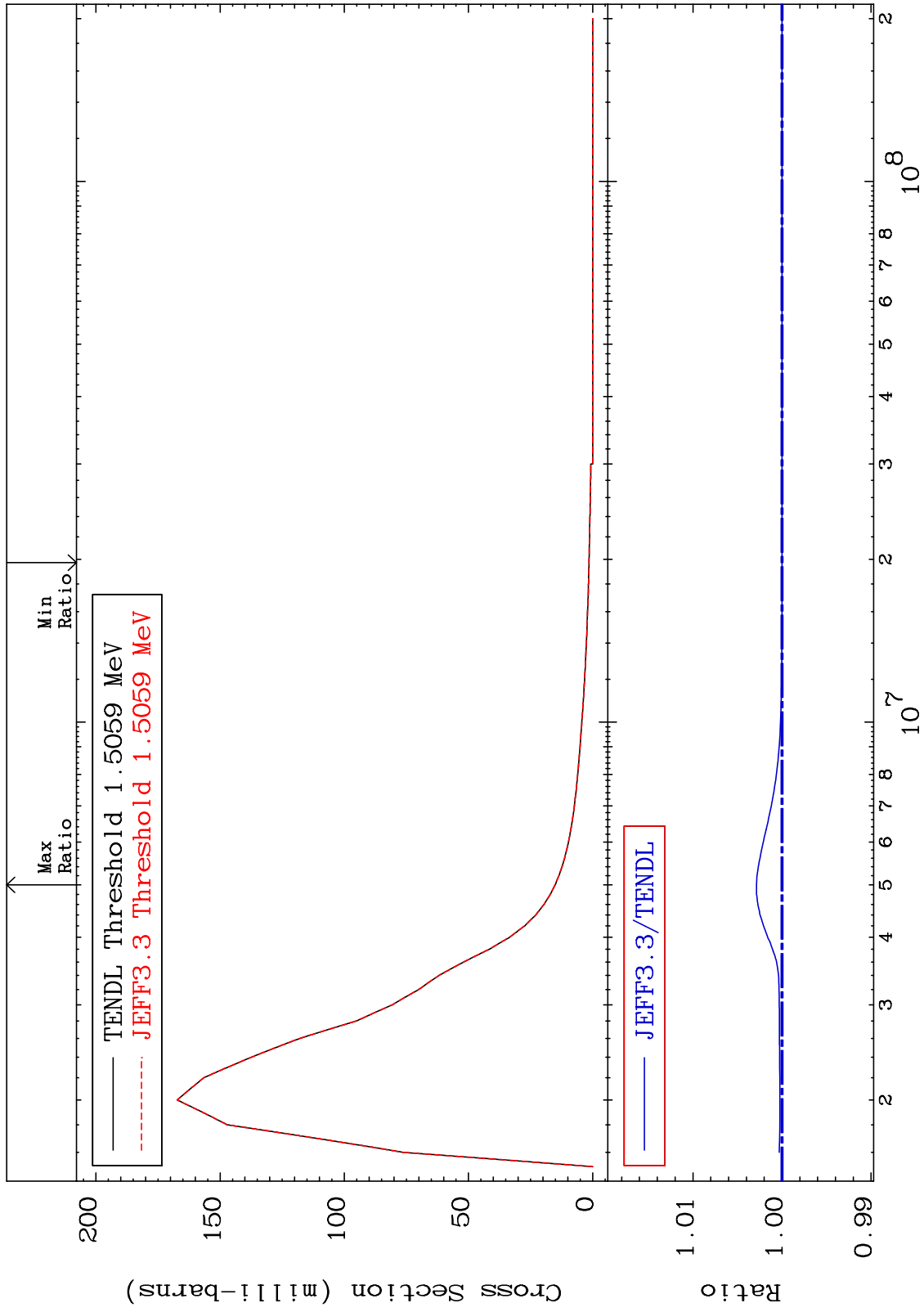
0.000 To 0.576 %
36-Kr-82



MAT 3637

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

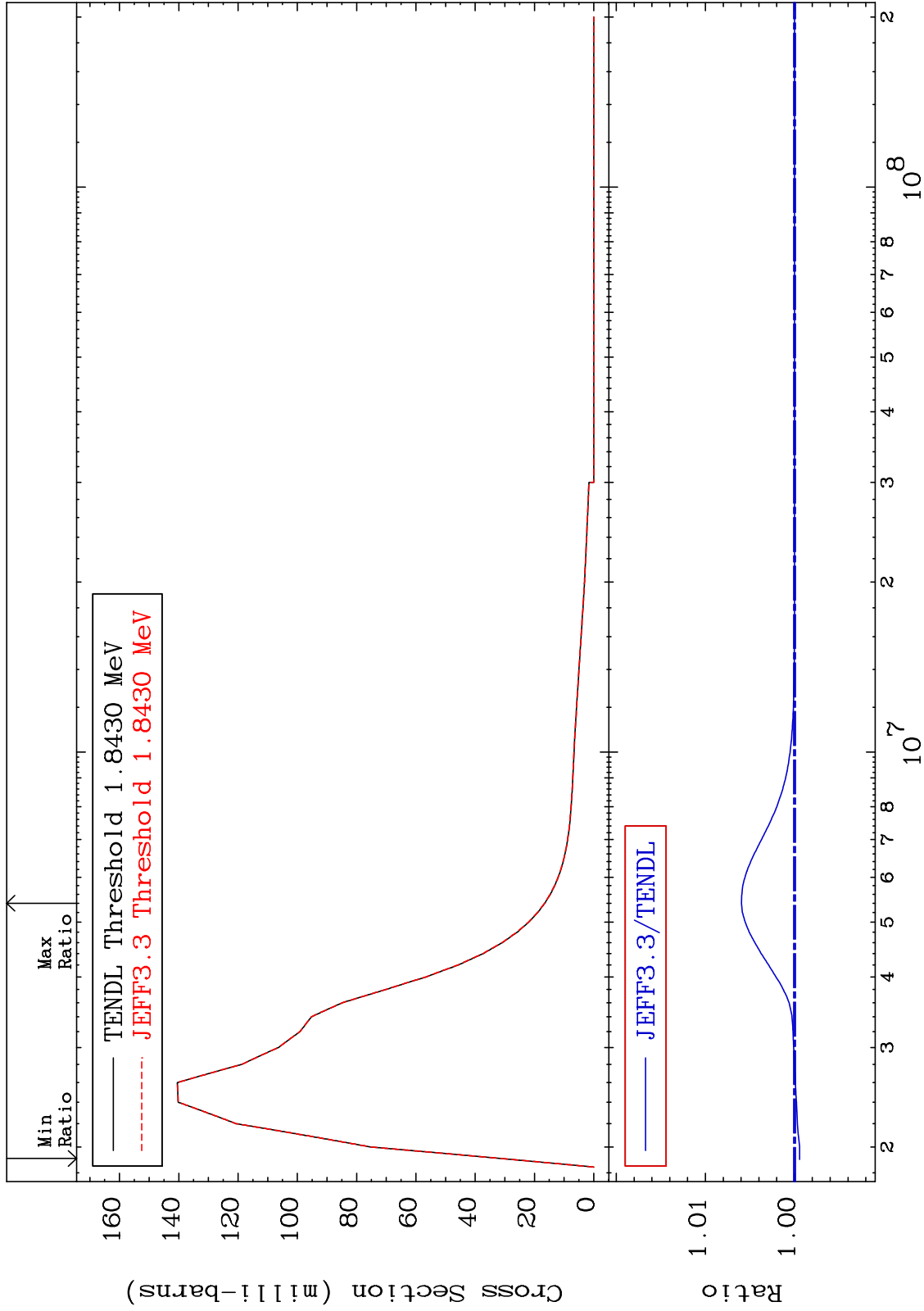
0.000 To 0.287 %
36-Kr-82



MAT 3637

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

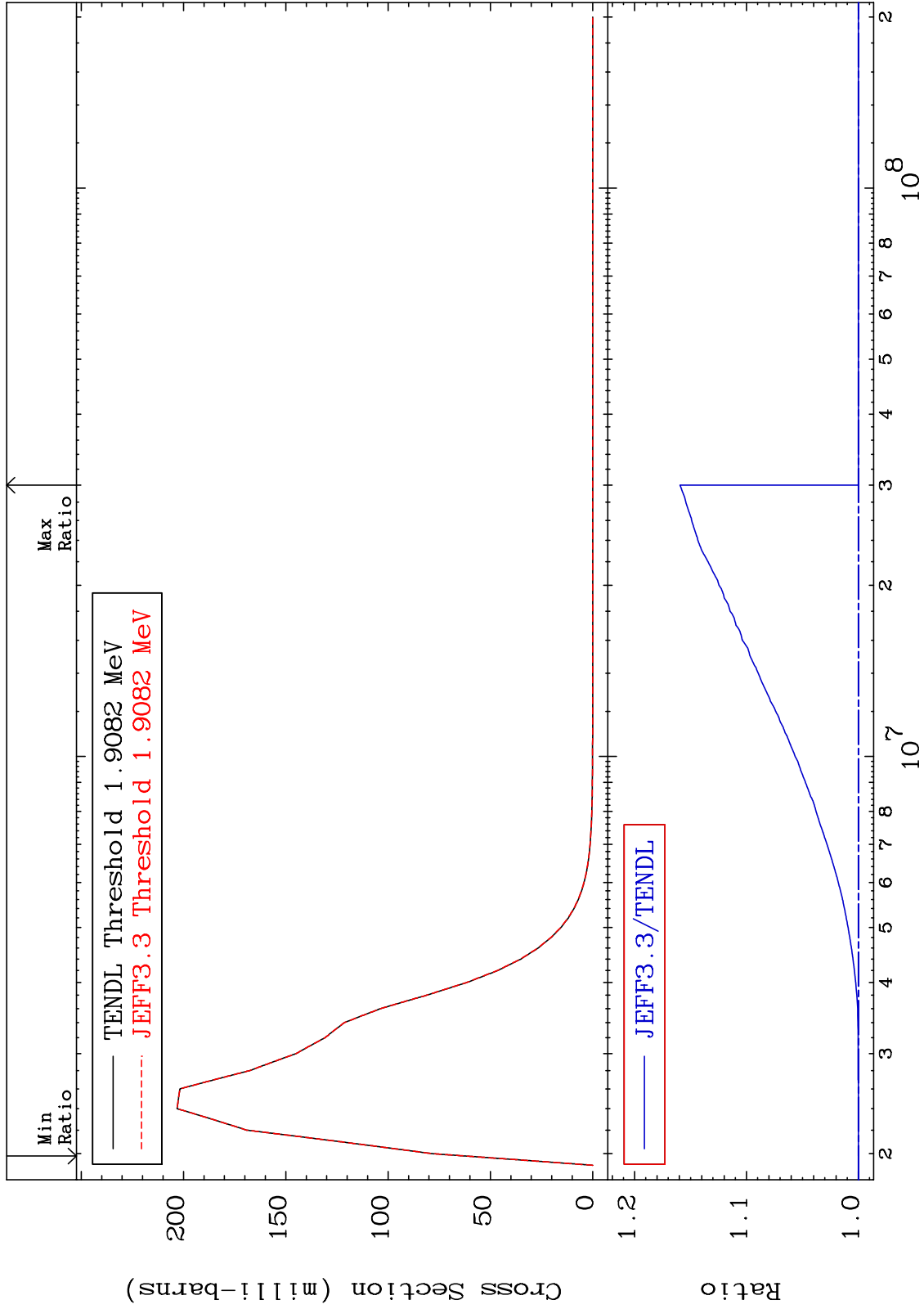
36-Kr-82
-0.058 To 0.595 %



MAT 3637

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

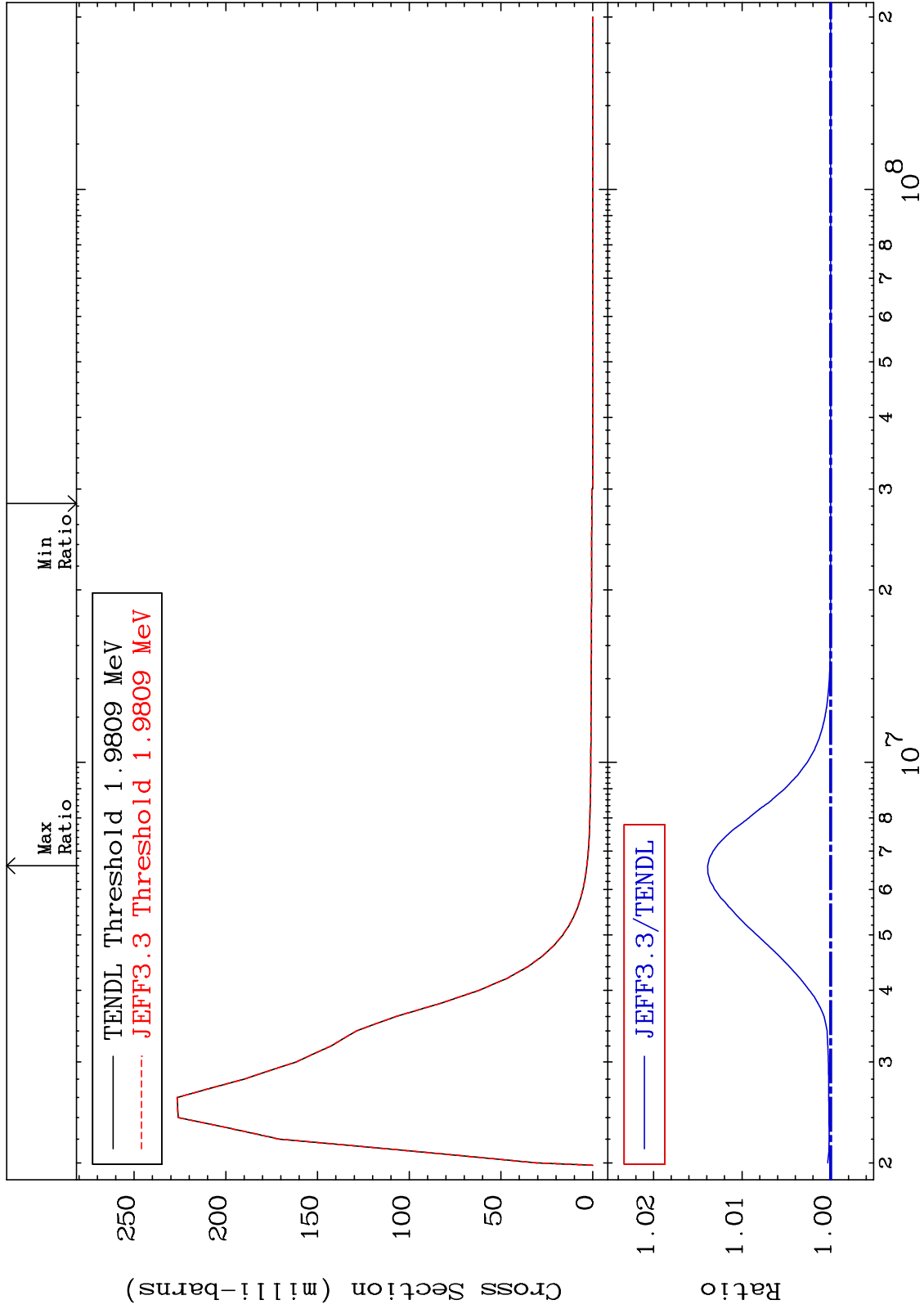
36-Kr-82
0.000 To 15.94 %



MAT 3637

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

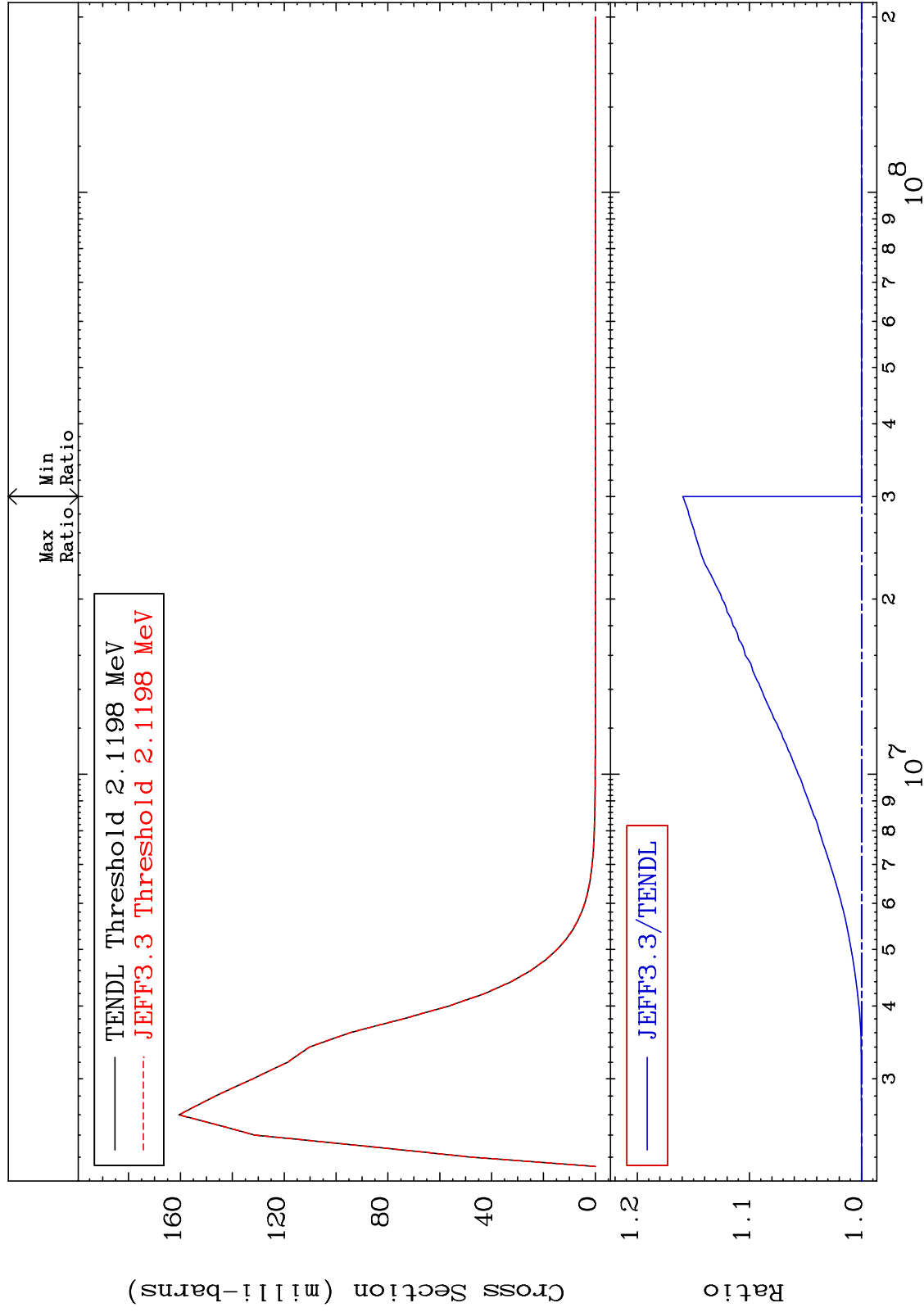
0.000 To 1.389 %
36-Kr-82



MAT 3637

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

36-Kr-82
0.000 To 15.94 %



25

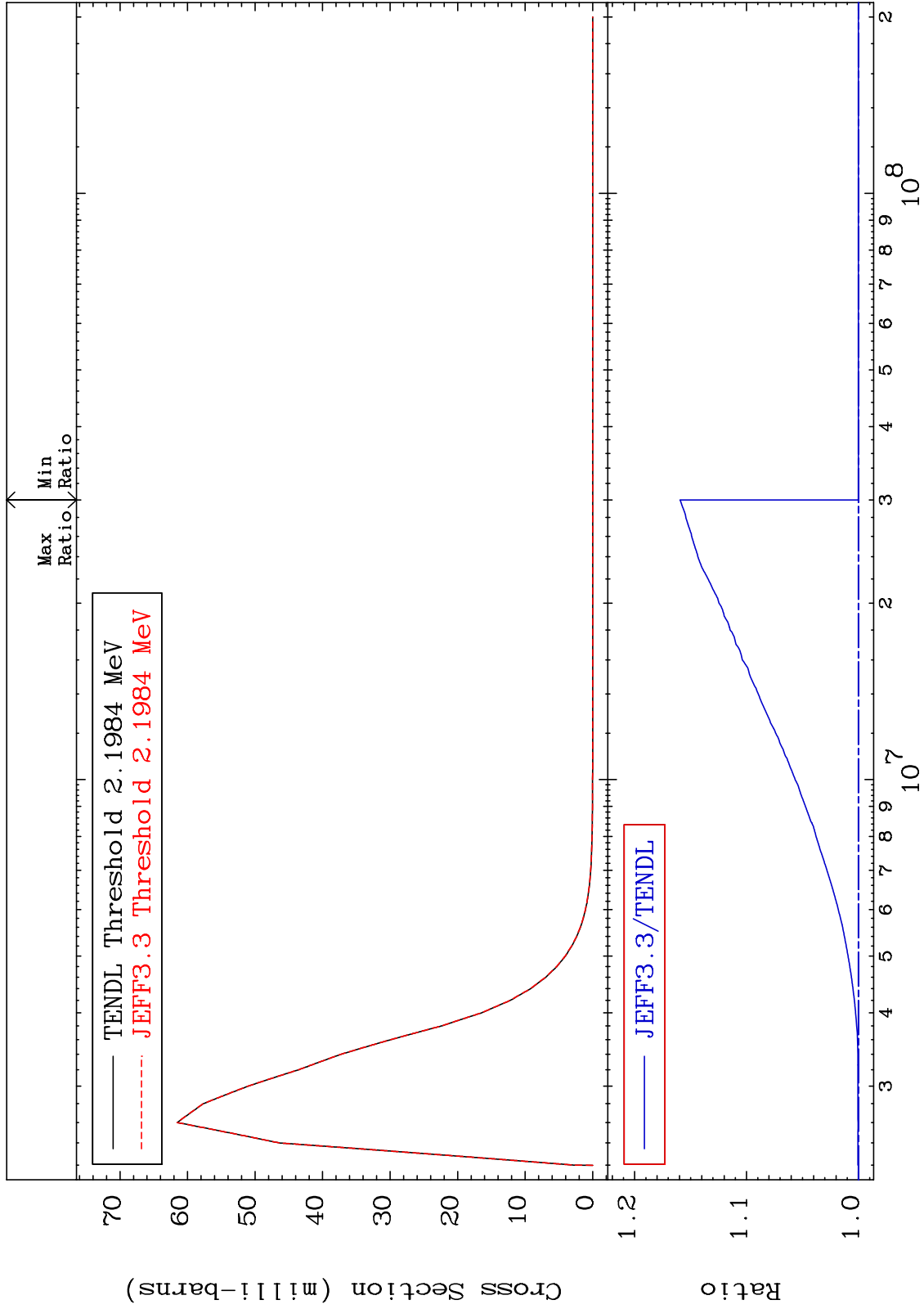
Incident Energy (eV)

36-Kr-82

MAT 3637

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

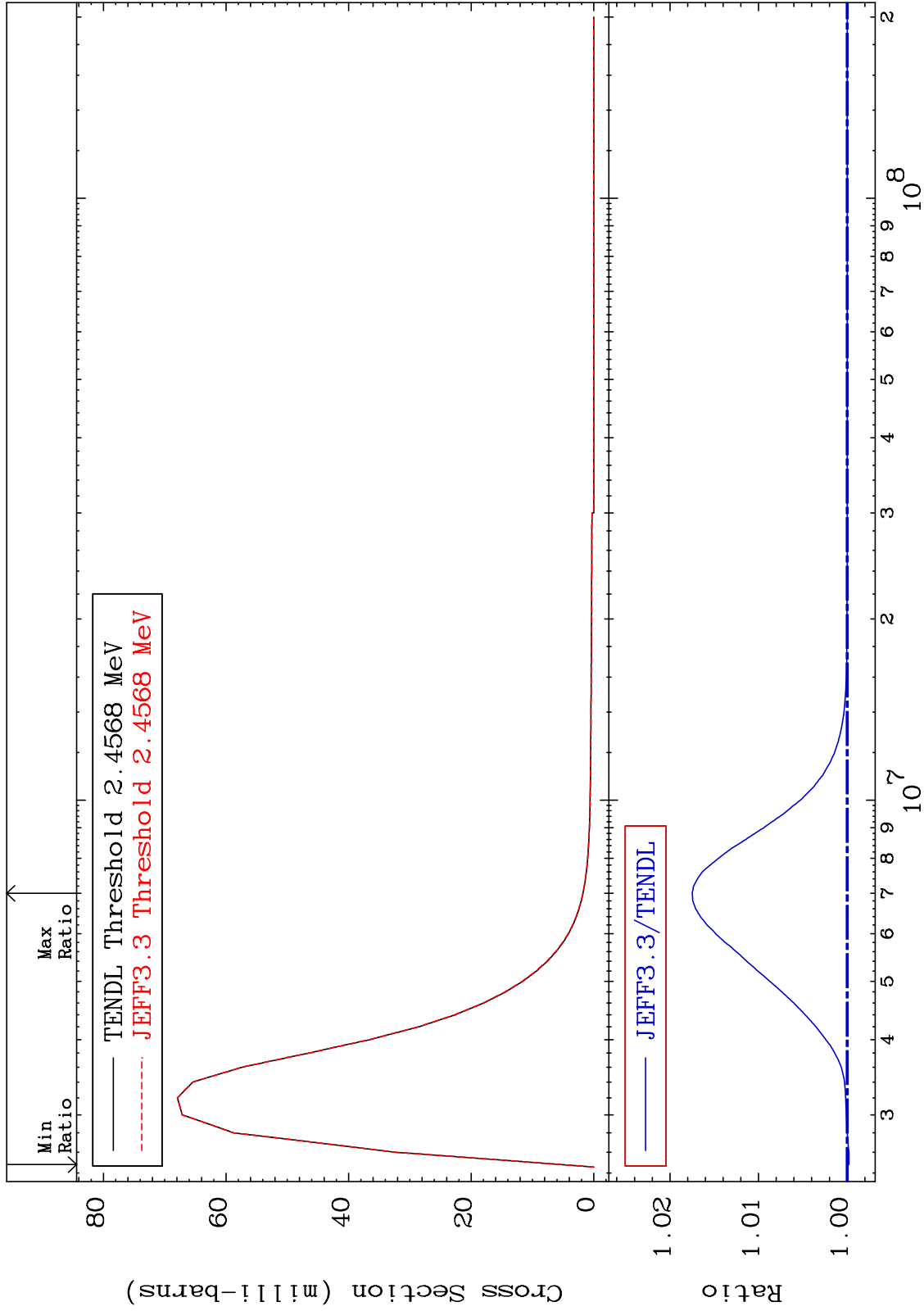
0.000 To 15.95 %
36-Kr-82



MAT 3637

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

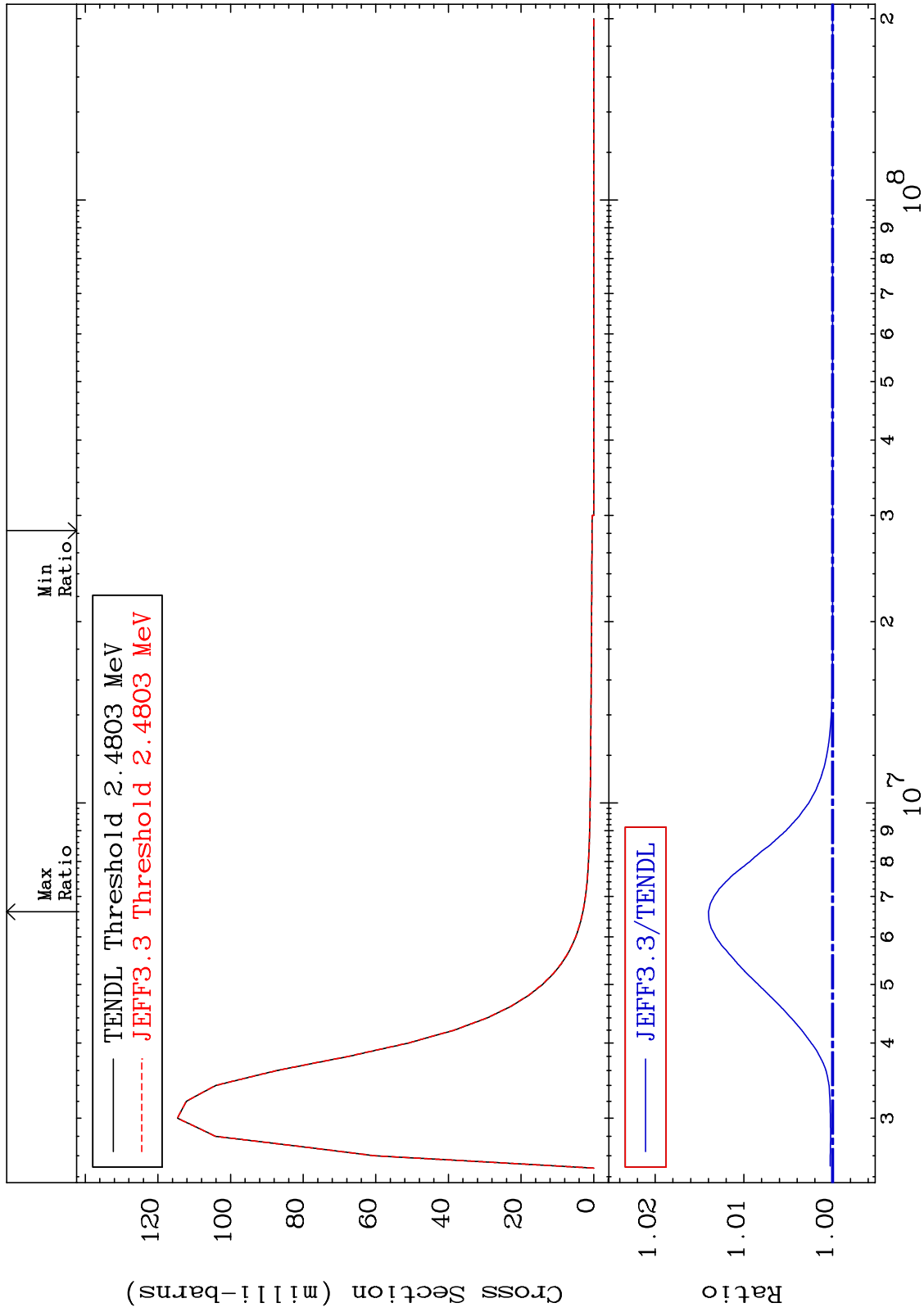
36-Kr-82
-0.020 To 1.748 %



MAT 3637

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

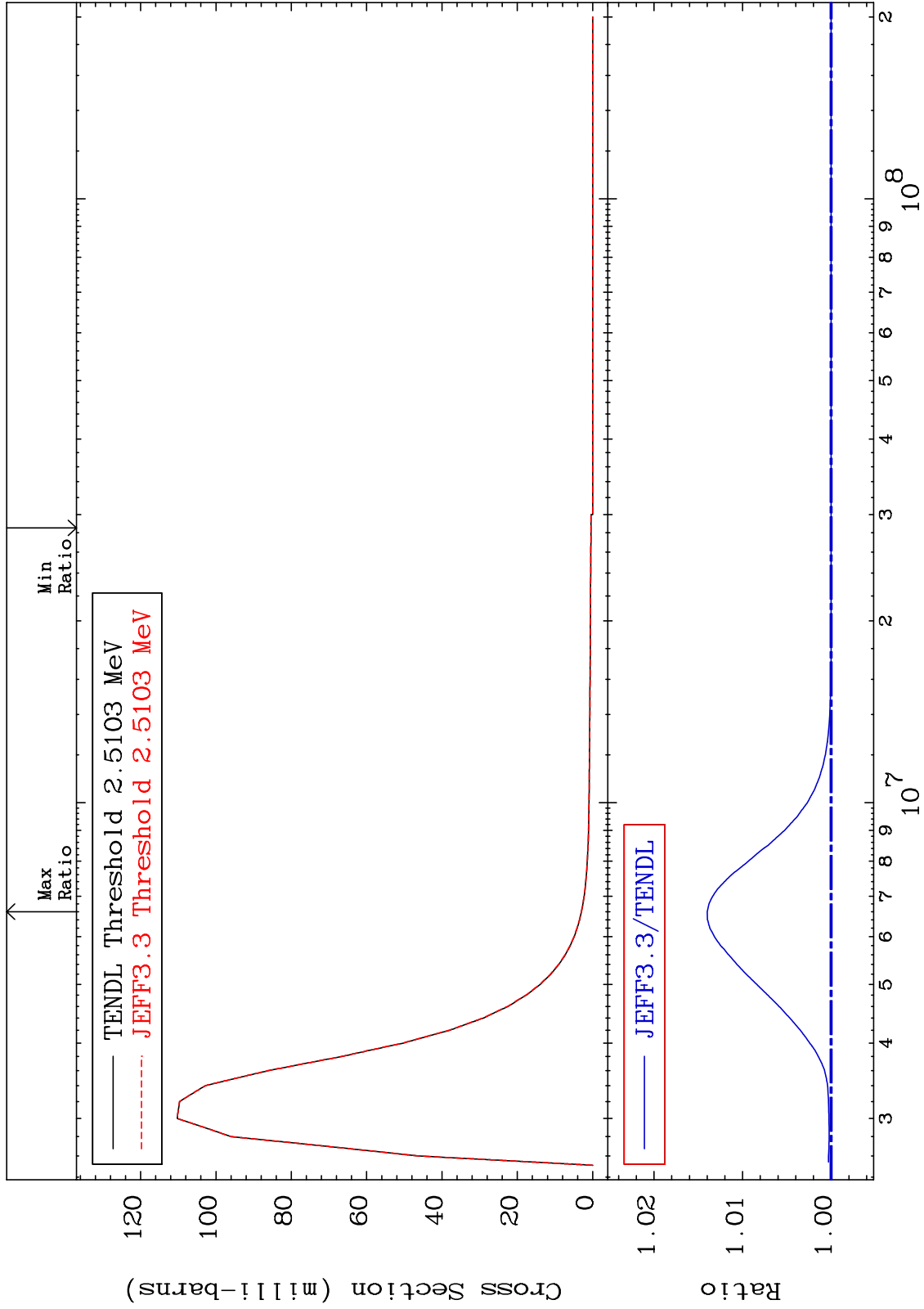
0.000 To 1.399 %
36-Kr-82



MAT 3637

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

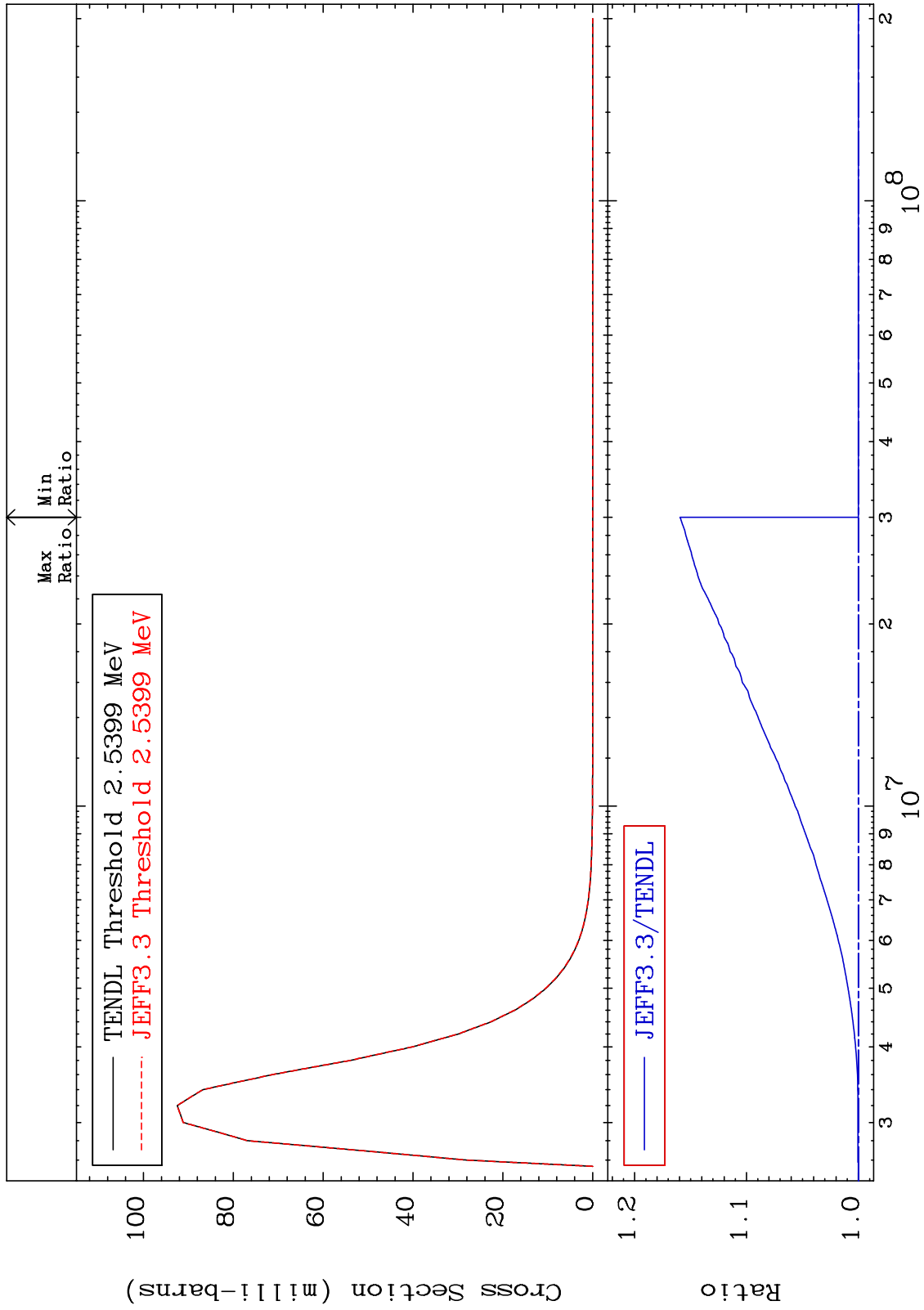
0.000 To 1.399 %
36-Kr-82



MAT 3637

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

0.000 To 15.95 %
36-Kr-82



30

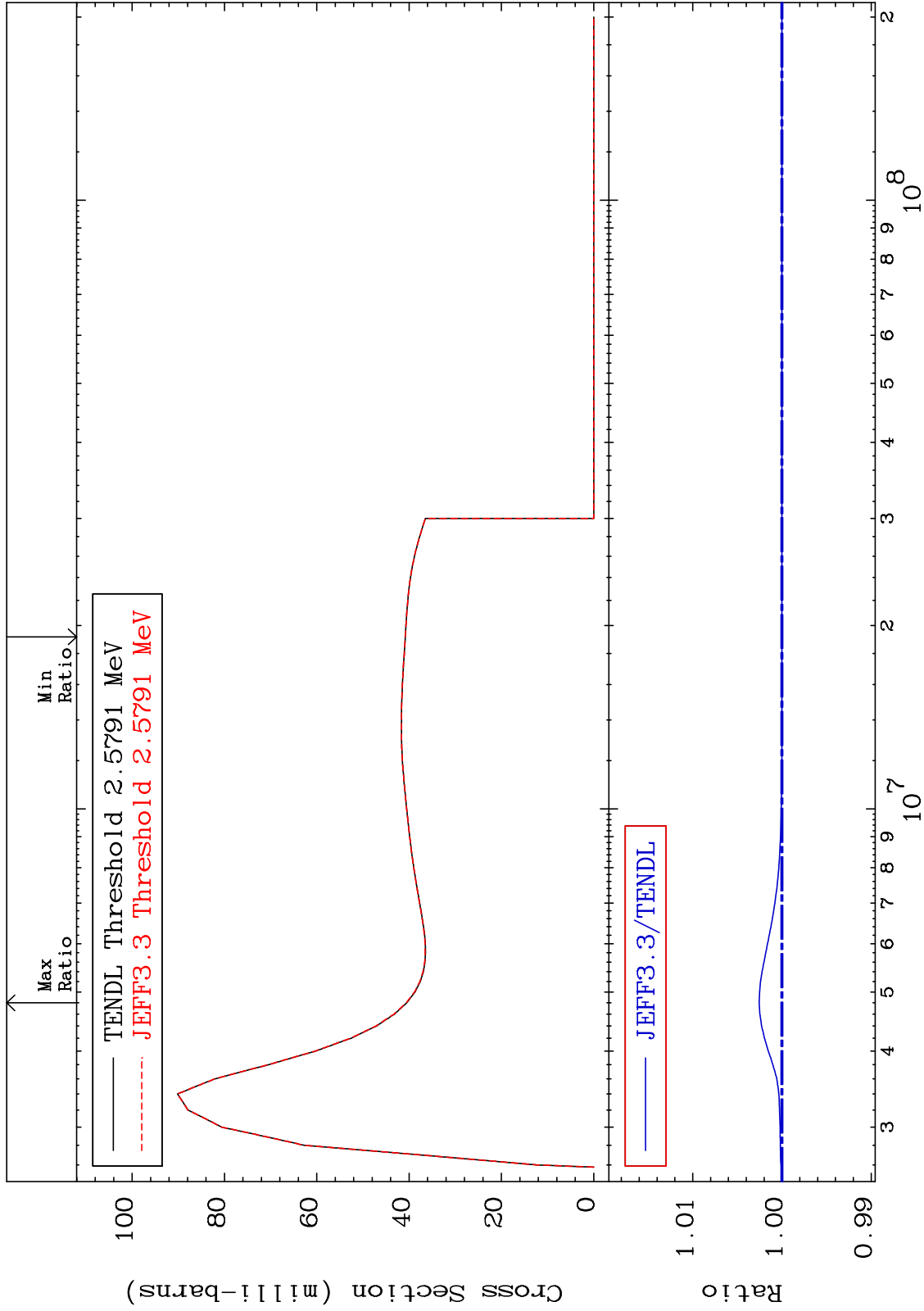
Incident Energy (eV)

36-Kr-82

MAT 3637

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

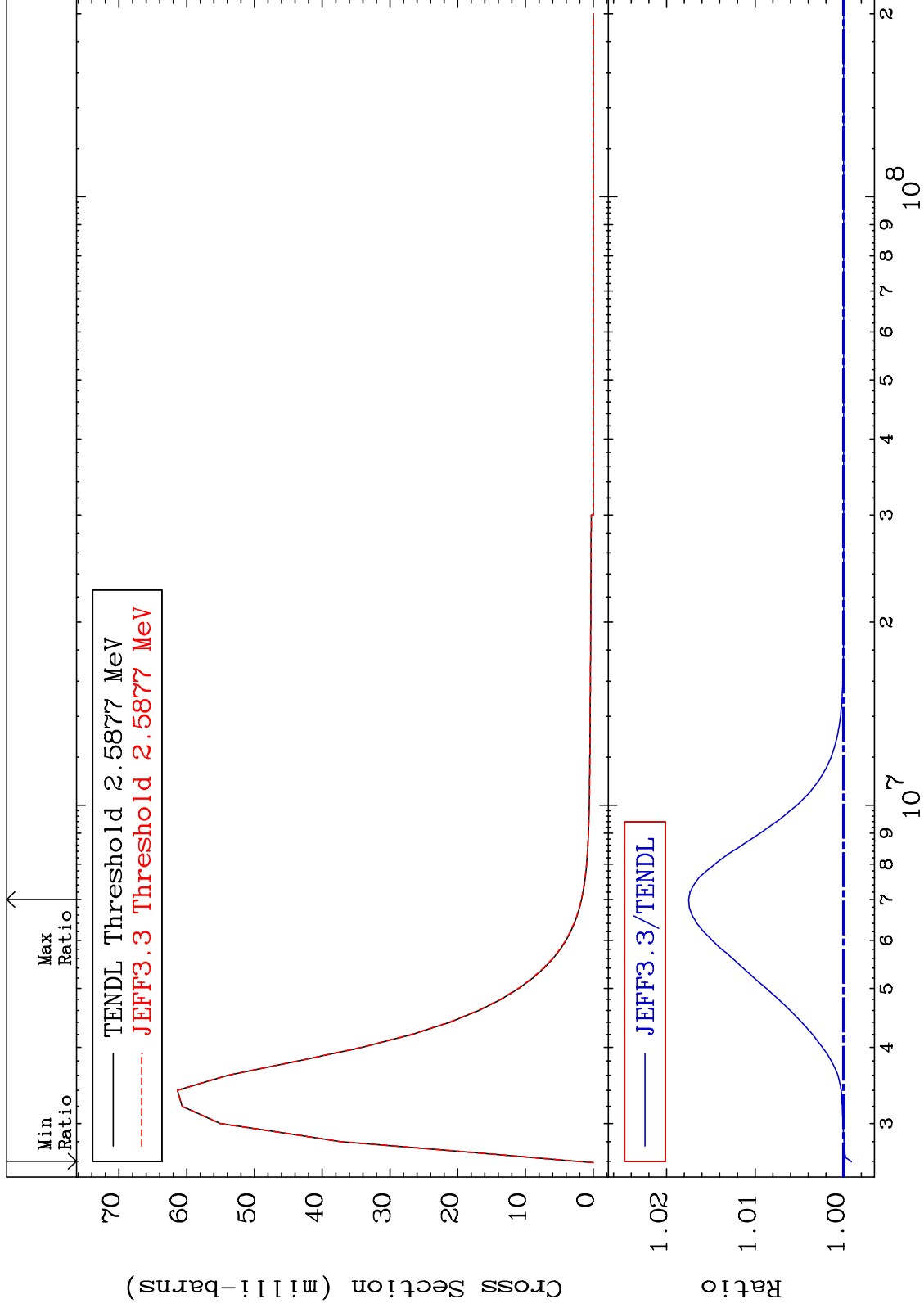
0.000 To 0.255 %
36-Kr-82



MAT 3637

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

36-Kr-82
-0.084 To 1.751 %



32

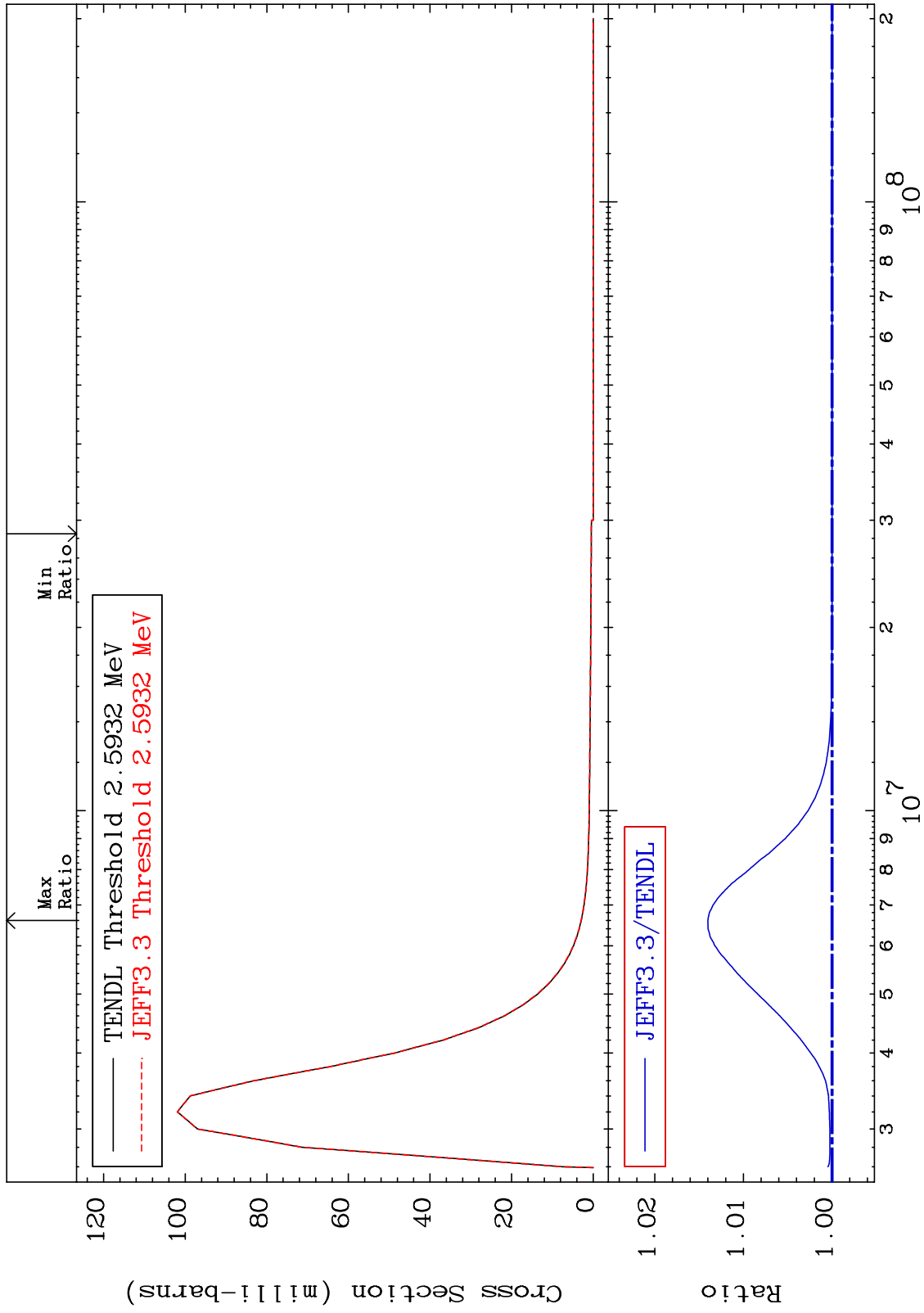
Incident Energy (eV)

36-Kr-82

MAT 3637

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

36-Kr-82
0.000 To 1.402 %



33

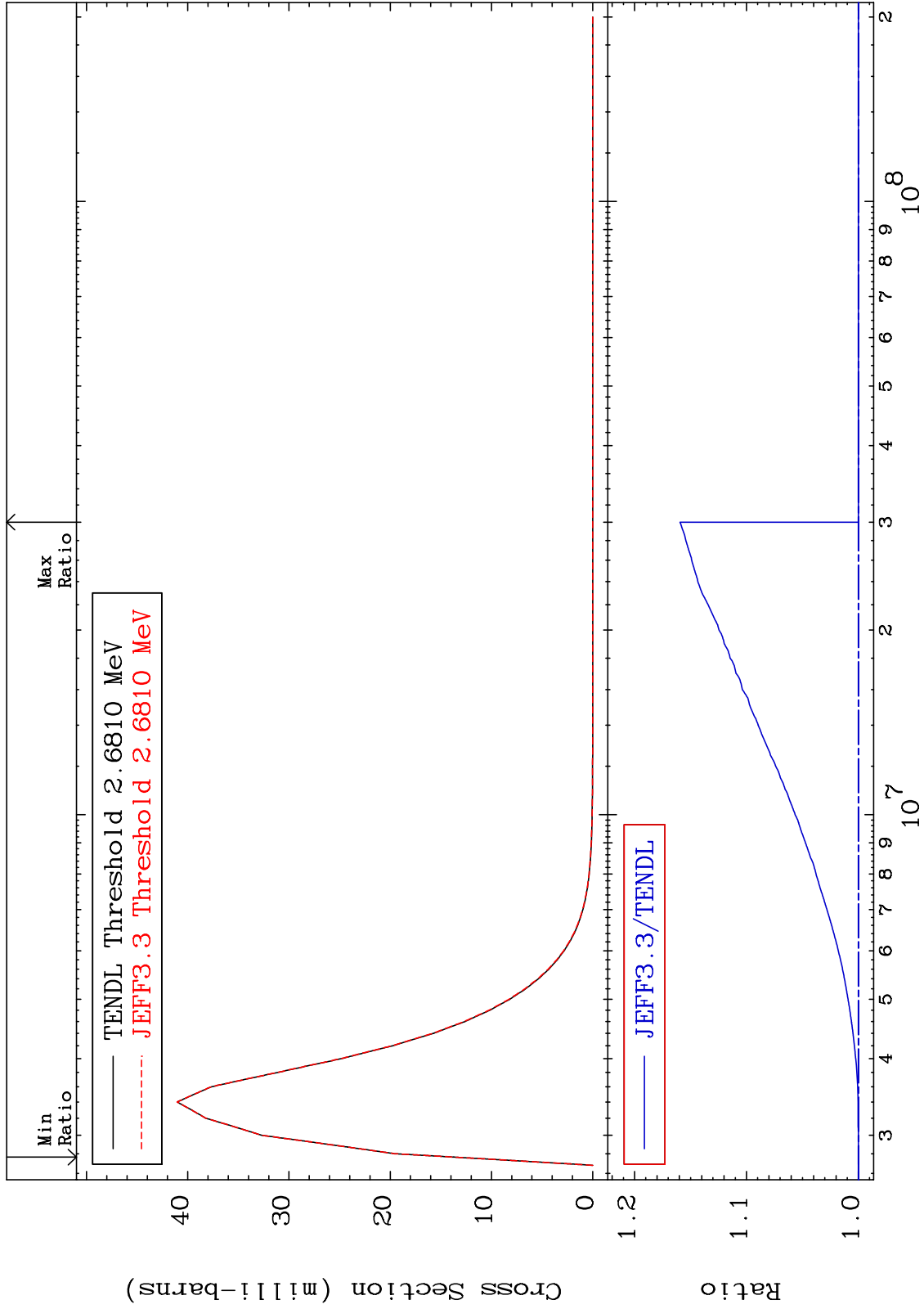
Incident Energy (eV)

36-Kr-82

MAT 3637

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

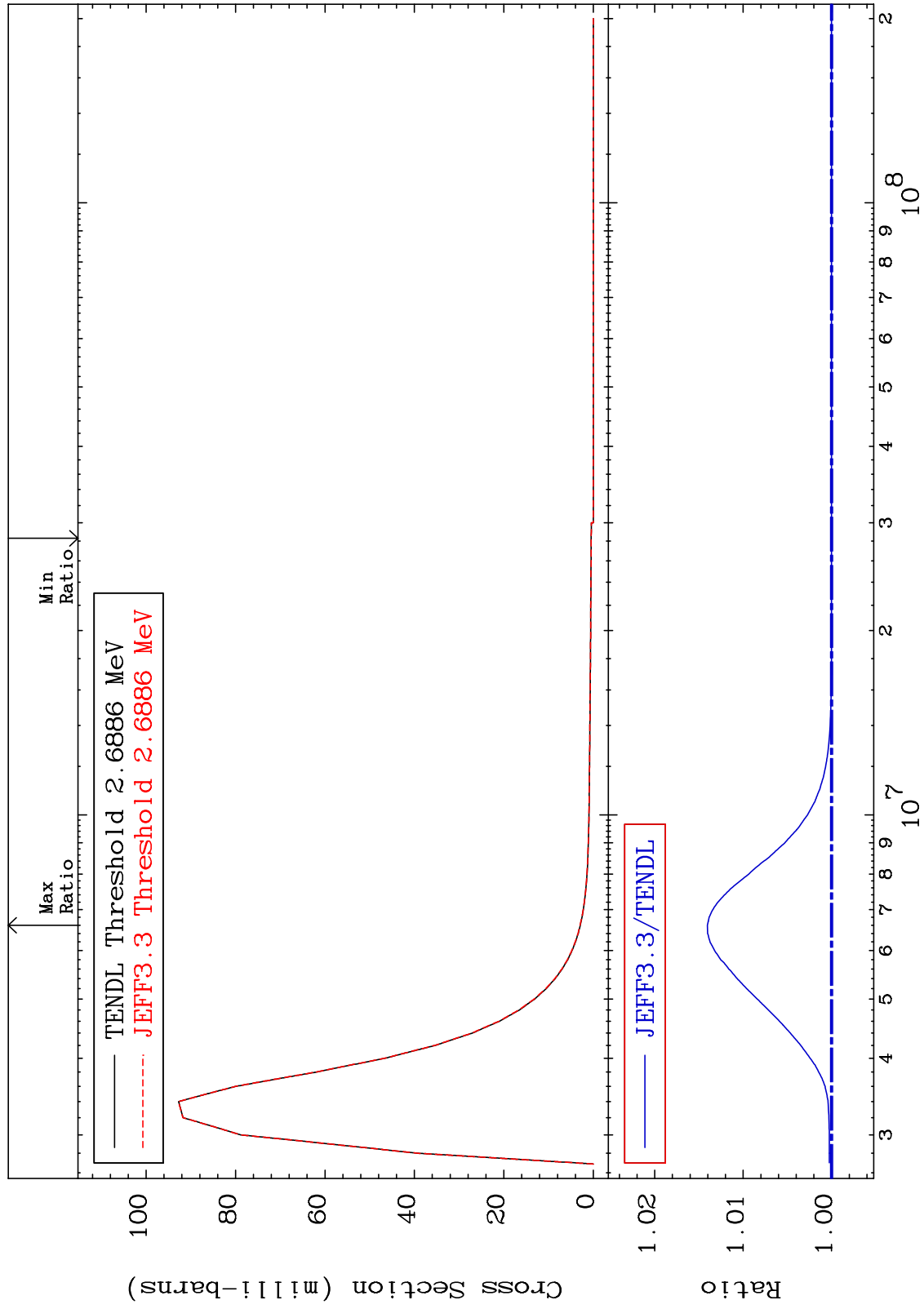
36-Kr-82
0.000 To 15.94 %



MAT 3637

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

0.000 To 1.405 %
36-Kr-82



35

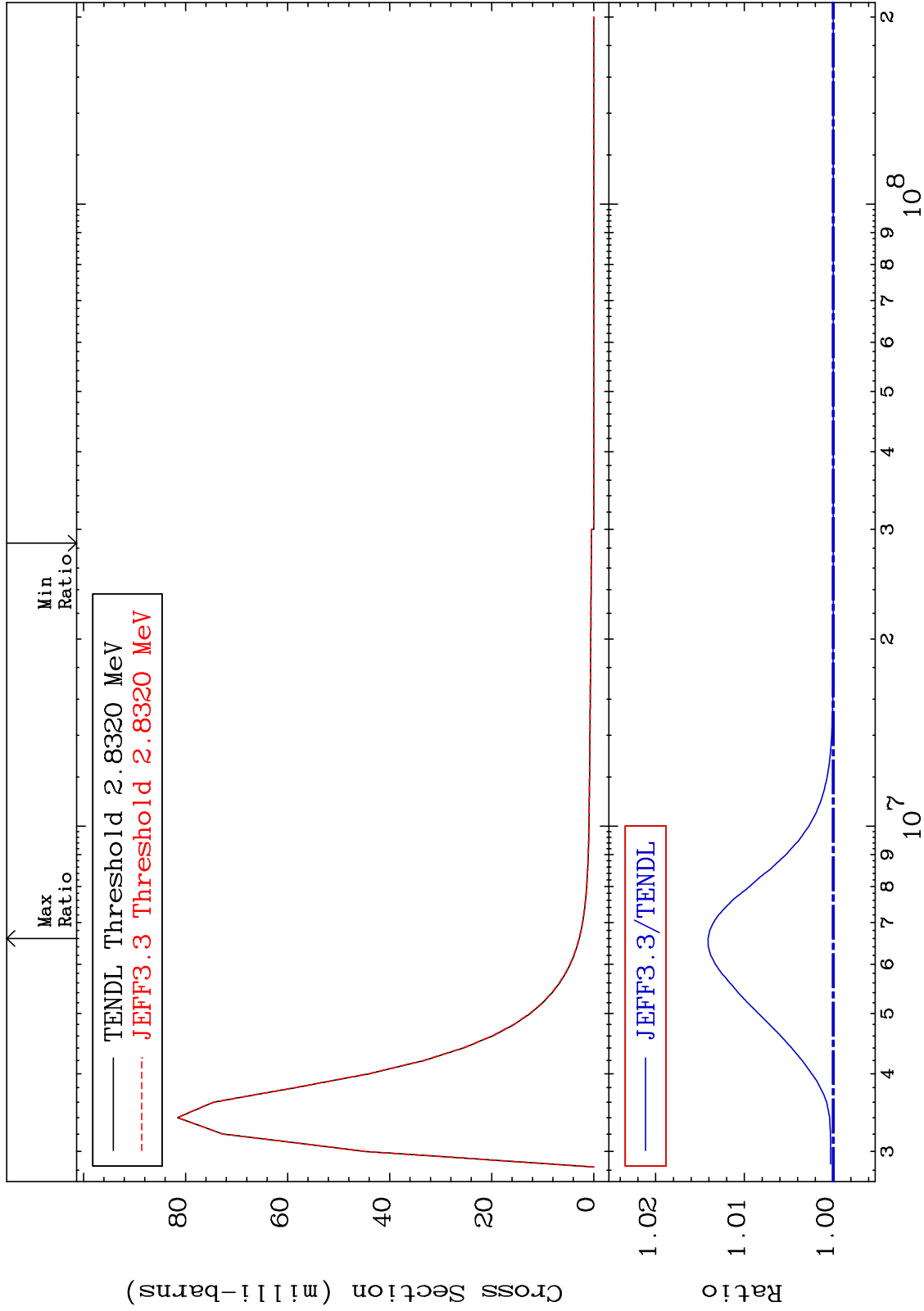
36-Kr-82

36-Kr-82

MAT 3637

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

36-Kr-82
0.000 To 1.410 %



36

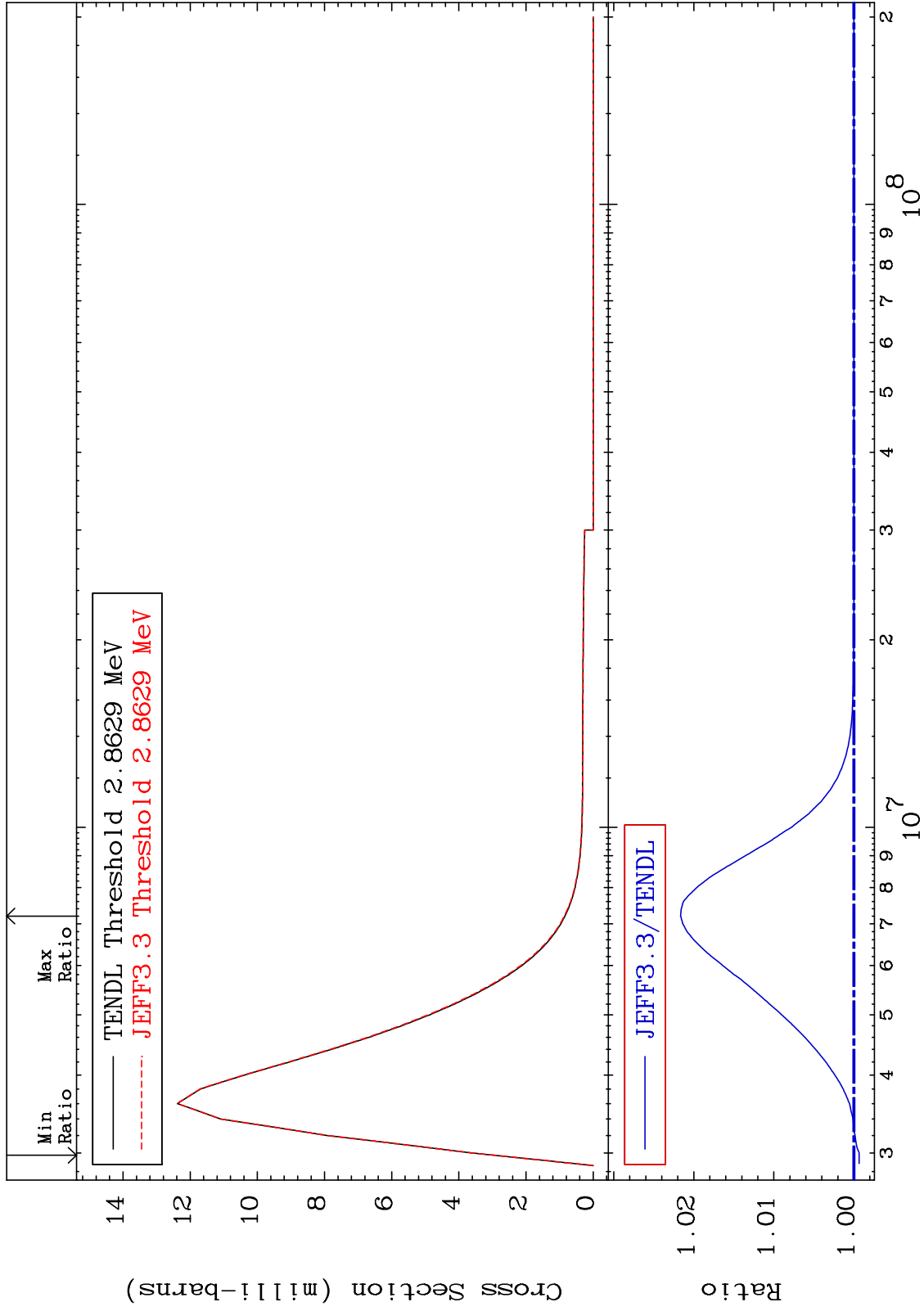
36-Kr-82

36-Kr-82

MAT 3637

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

36-Kr-82
-0.066 To 2.165 %



37

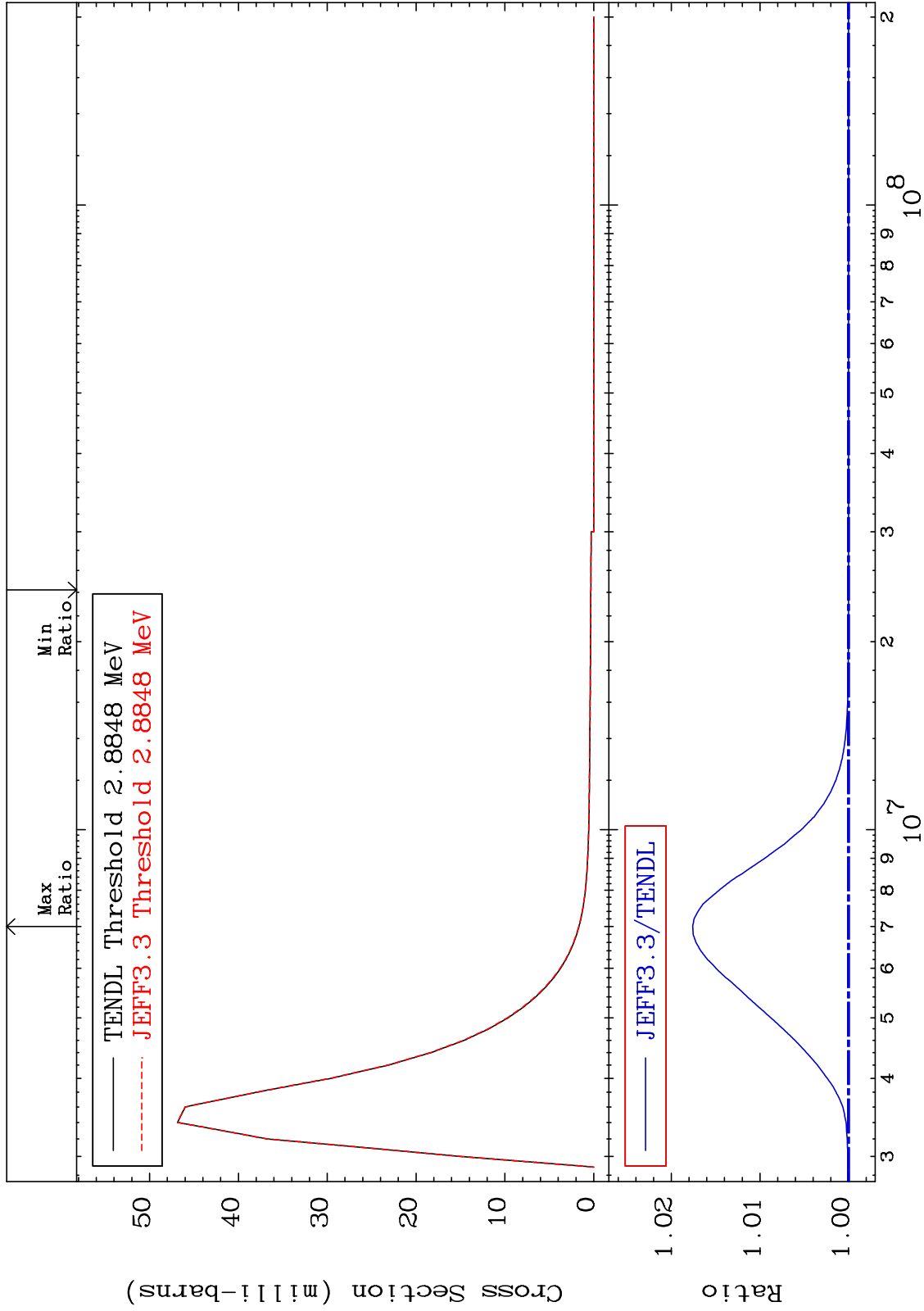
Incident Energy (eV)

36-Kr-82

MAT 3637

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

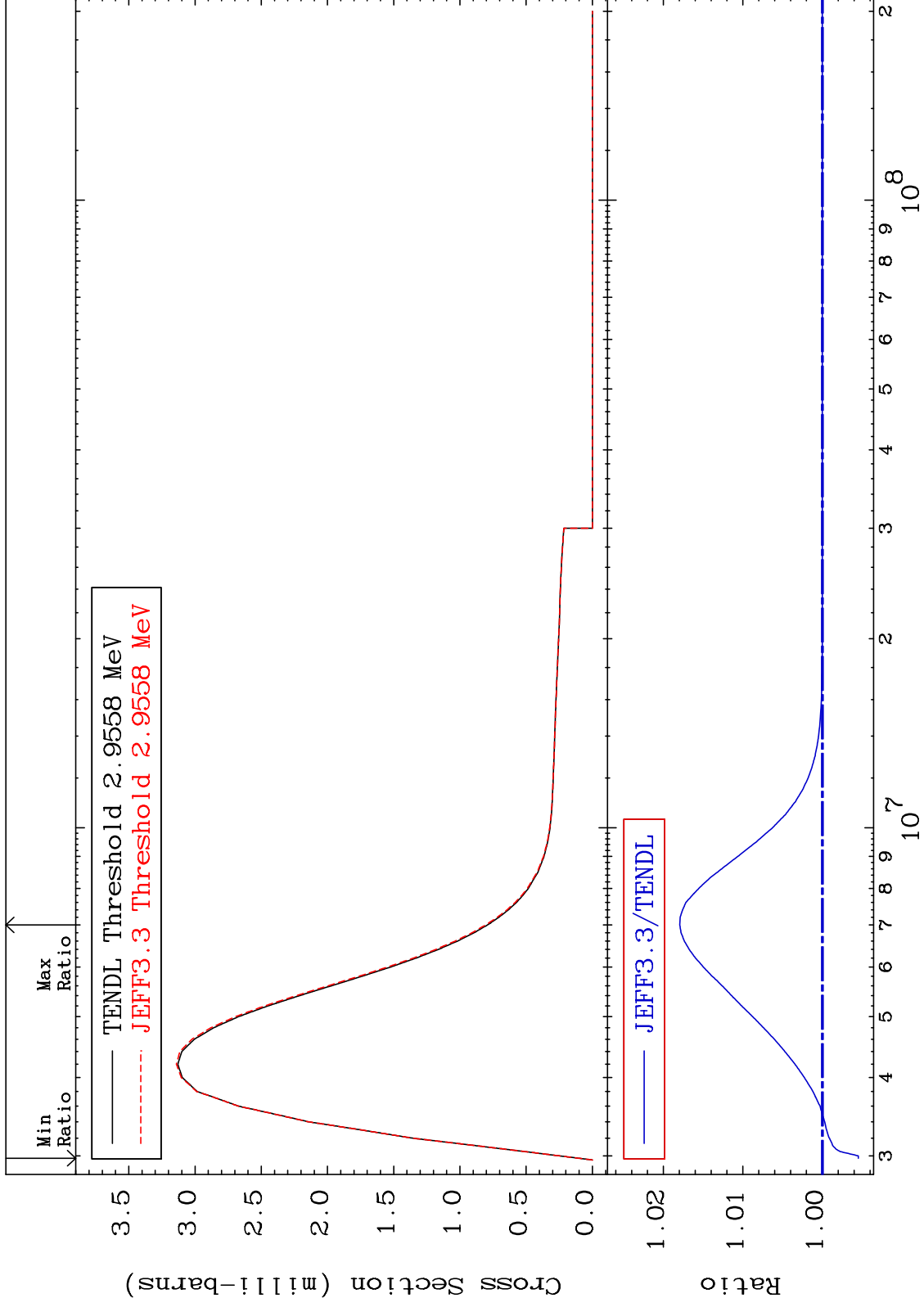
36-Kr-82
0.000 To 1.760 %



MAT 3637

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

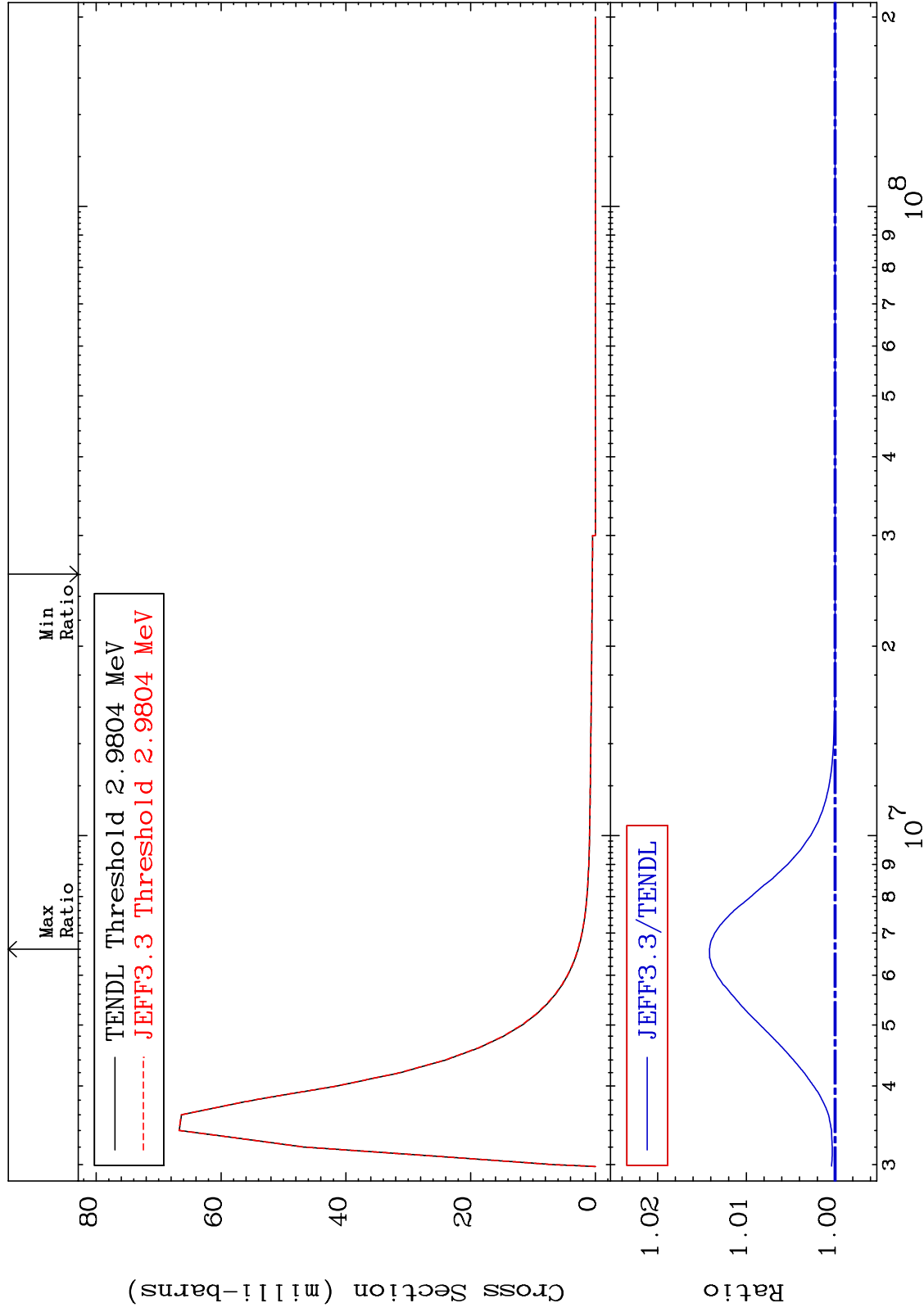
36-Kr-82
-0.453 To 1.794 %



MAT 3637

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

36-Kr-82
0.000 To 1.416 %



40

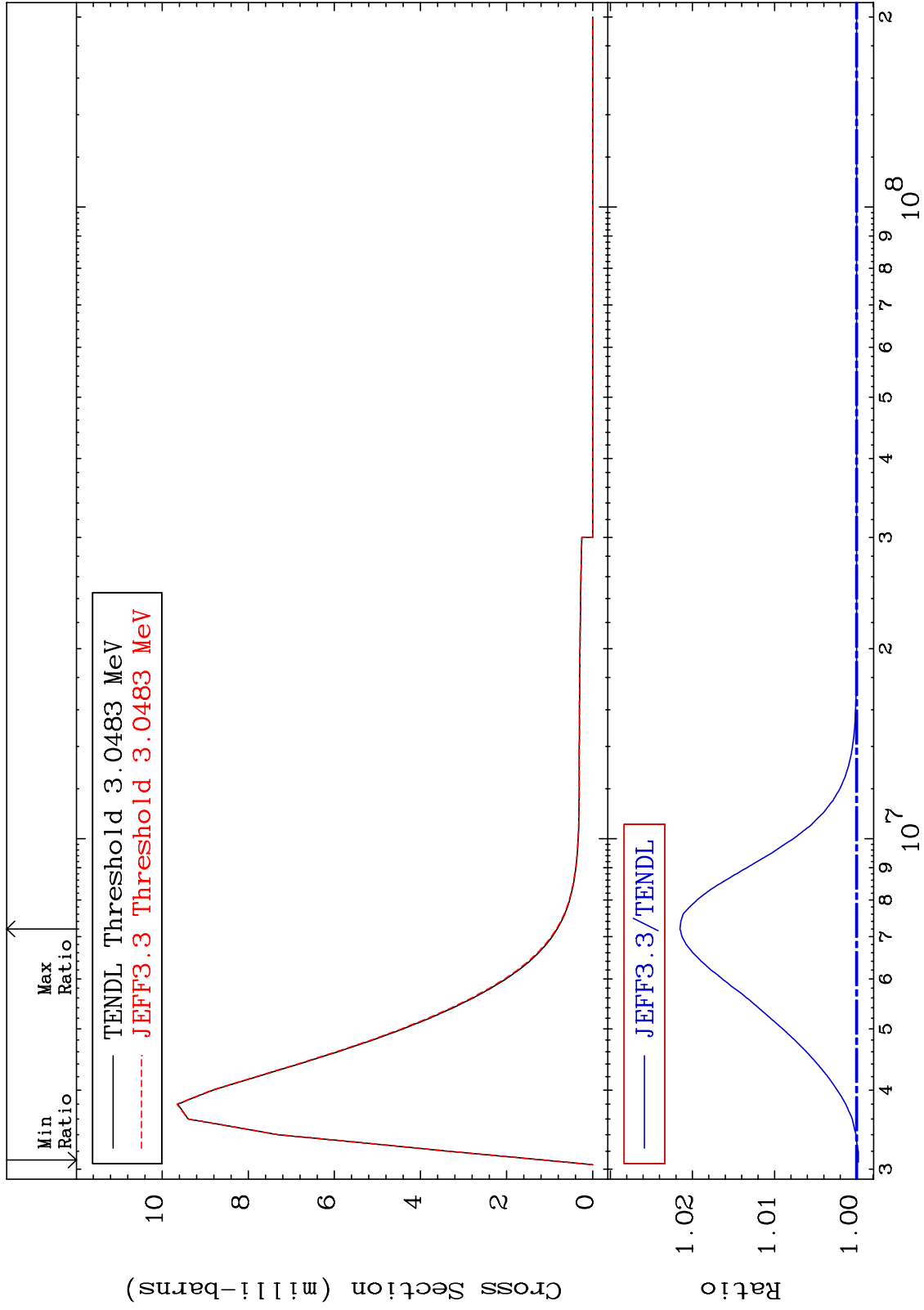
Incident Energy (eV)

36-Kr-82

MAT 3637

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

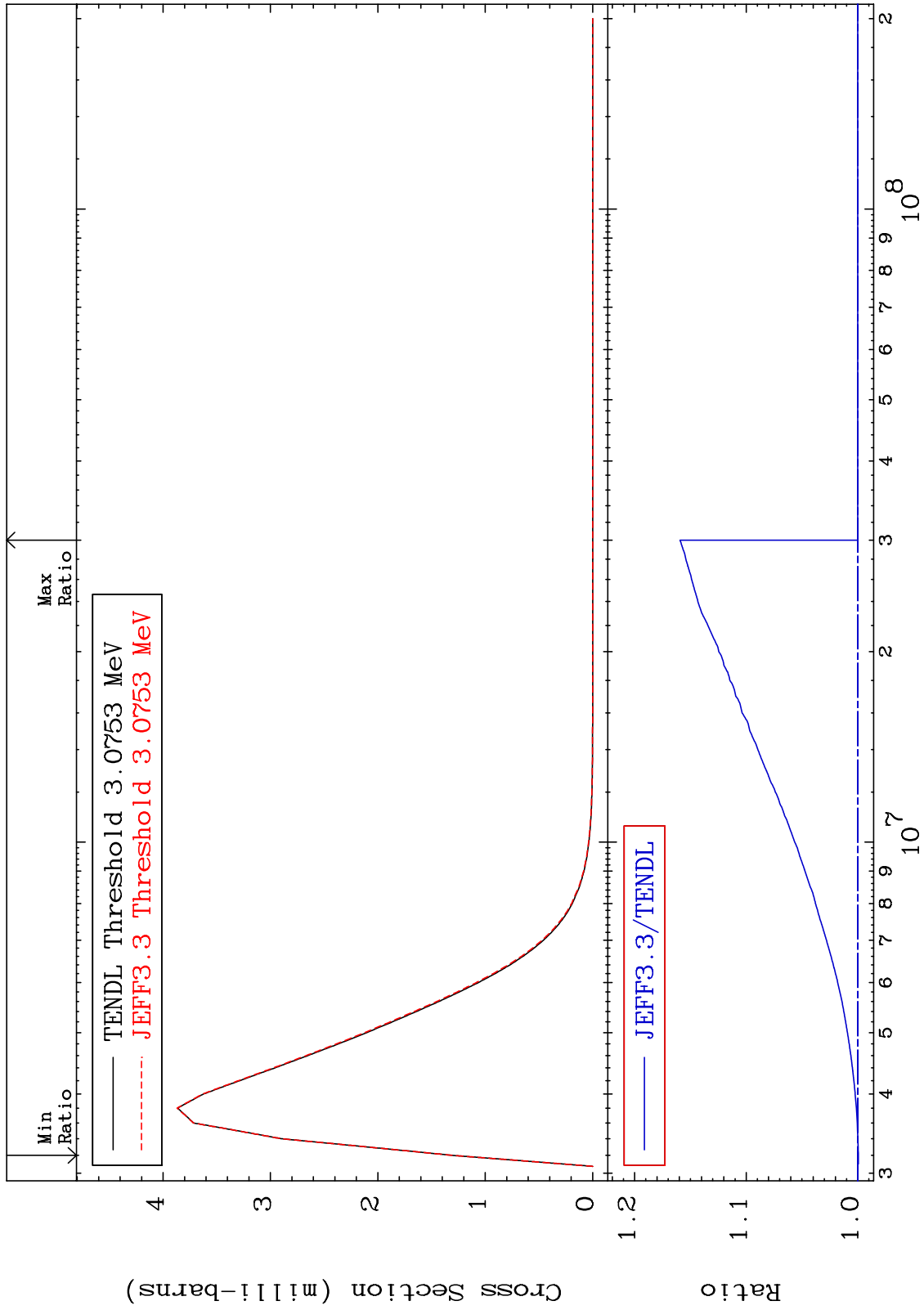
36-Kr-82
-0.021 To 2.151 %



MAT 3637

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

36-Kr-82
-0.060 To 15.93 %

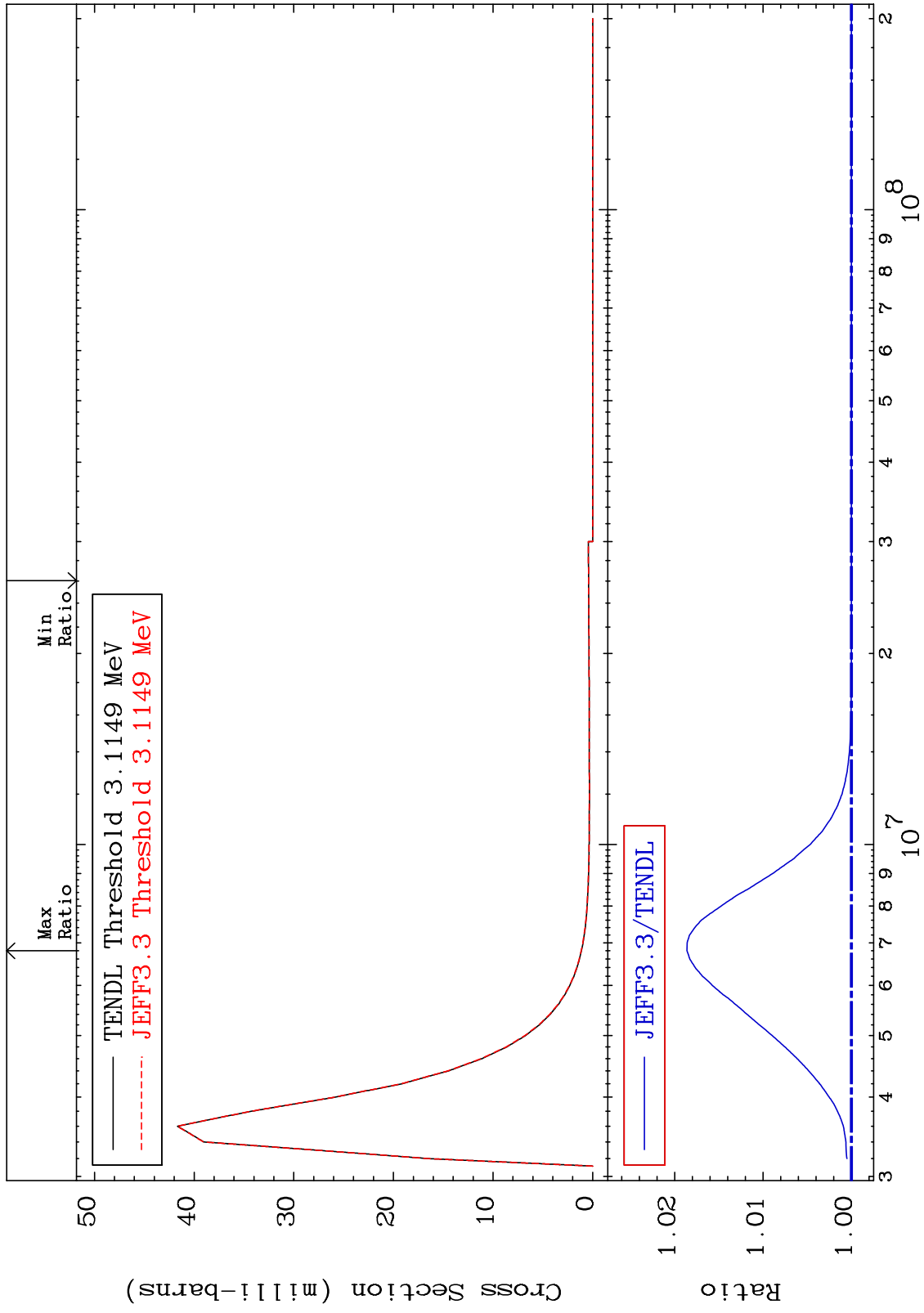


42

Incident Energy (eV)

36-Kr-82

MAT 3637 MT= 75 (n,n') Level Cross Section 36-Kr-82
 0.000 To 1.861 %

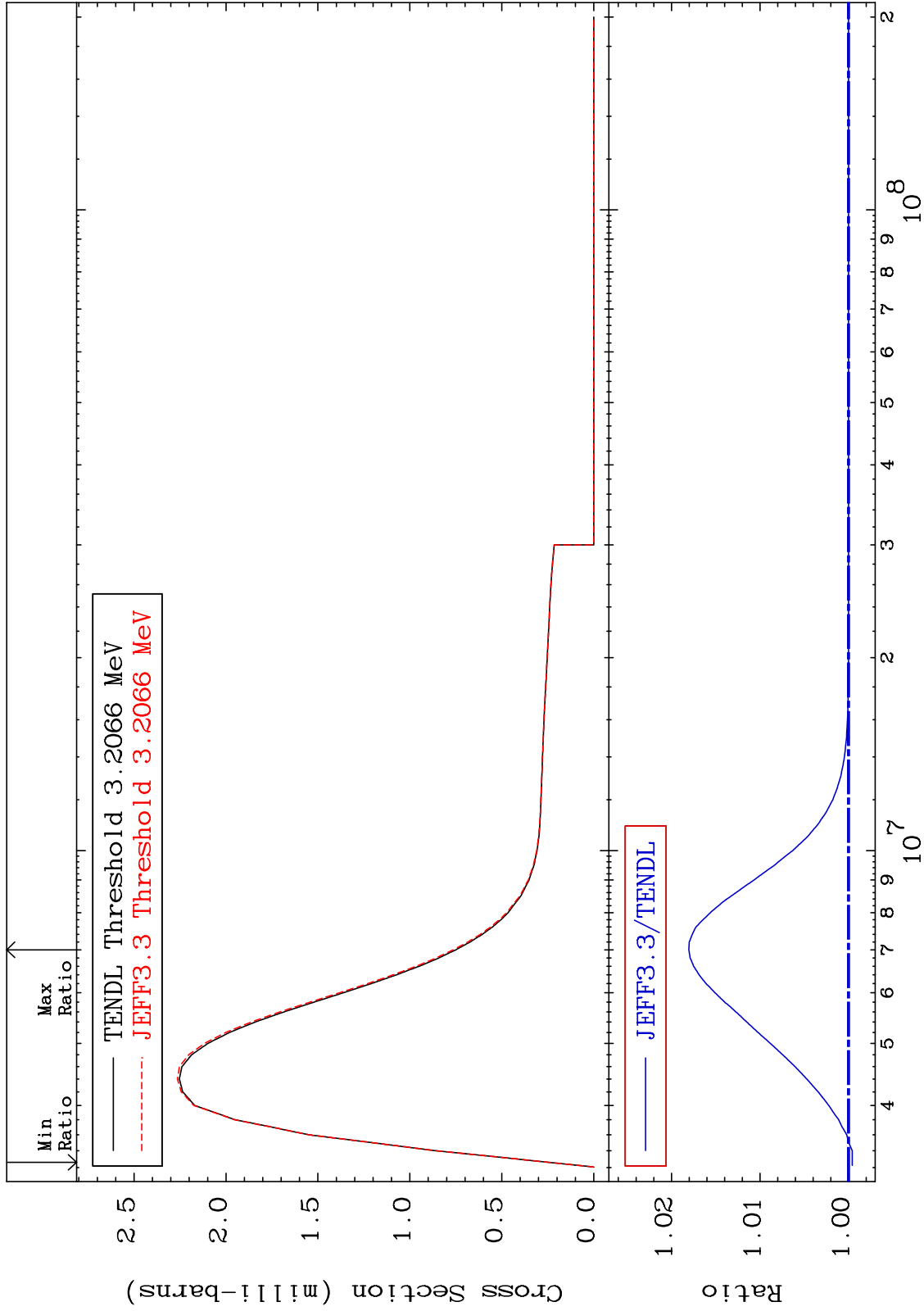


Incident Energy (eV) 36-Kr-82

MAT 3637

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

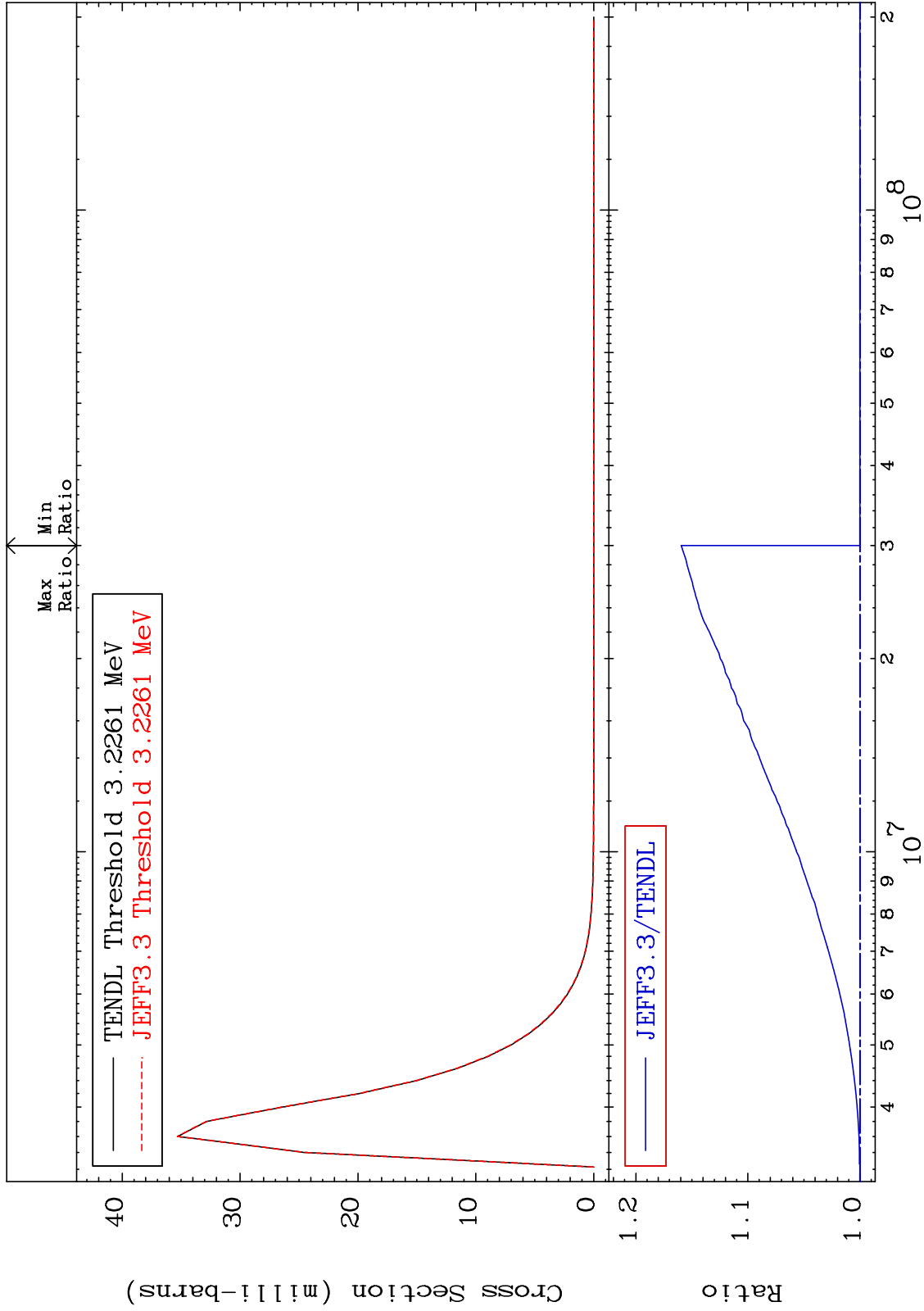
36-Kr-82
-0.042 To 1.804 %



MAT 3637

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

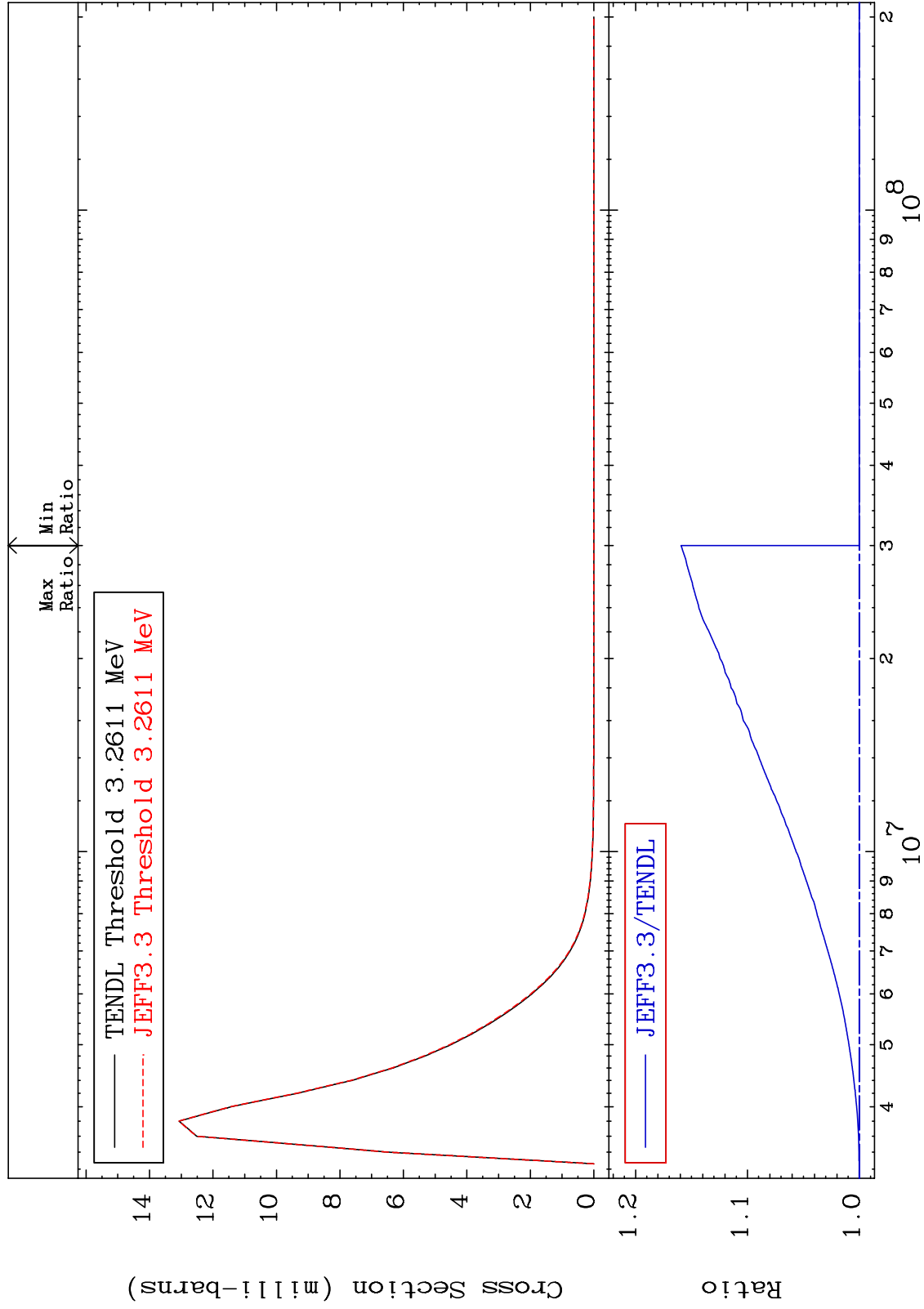
0.000 To 15.95 %
36-Kr-82



MAT 3637

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

0.000 To 15.94 %
36-Kr-82



46

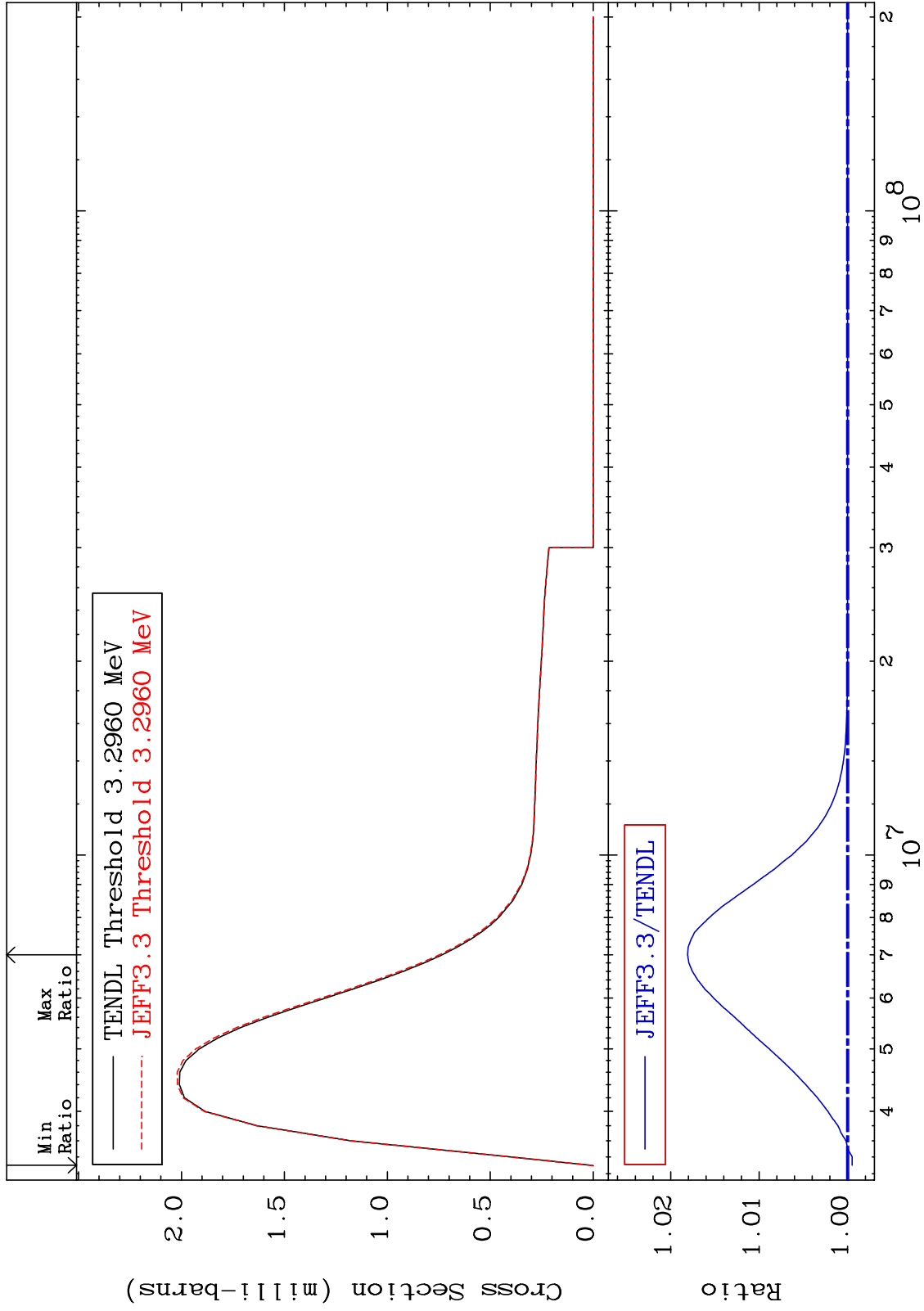
Incident Energy (eV)

36-Kr-82

MAT 3637

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

36-Kr-82
-0.051 To 1.809 %



47

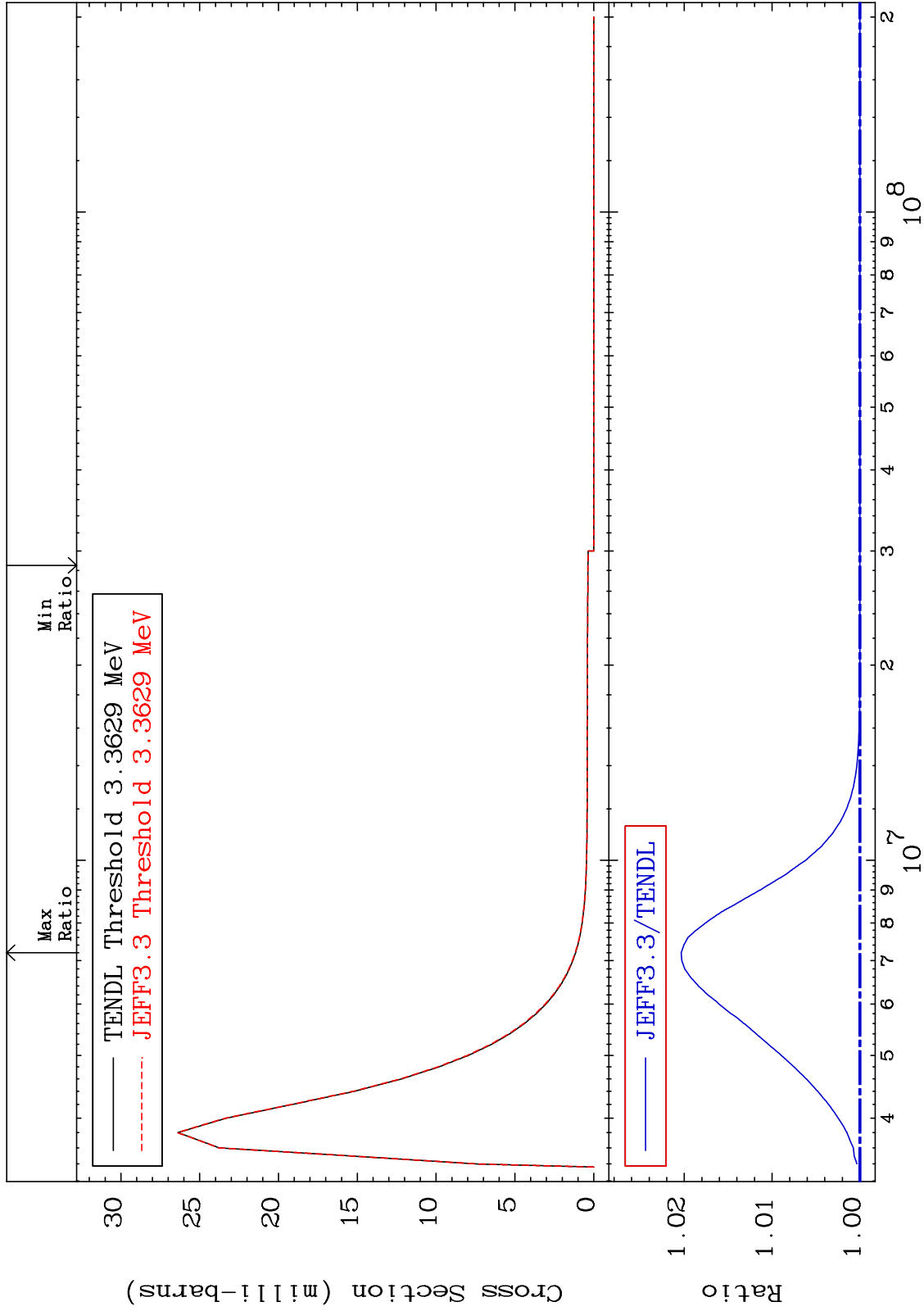
Incident Energy (eV)

36-Kr-82

MAT 3637

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

36-Kr-82
0.000 To 2.035 %



48

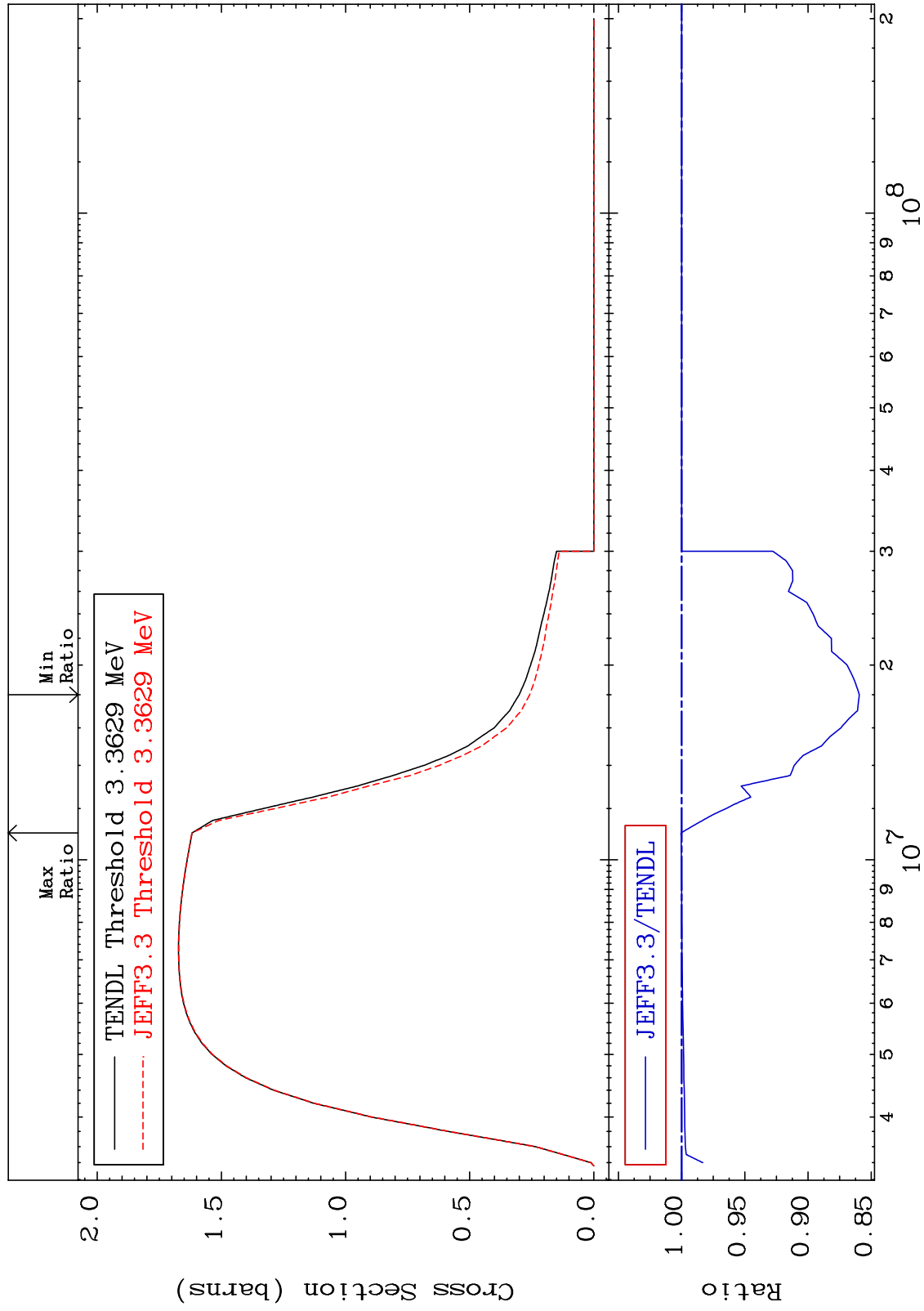
Incident Energy (eV)

36-Kr-82

MAT 3637

(n, n') Continuum
Cross Section

36-Kr-82
-14.05 To 0.046 %



49

Incident Energy (eV)

36-Kr-82

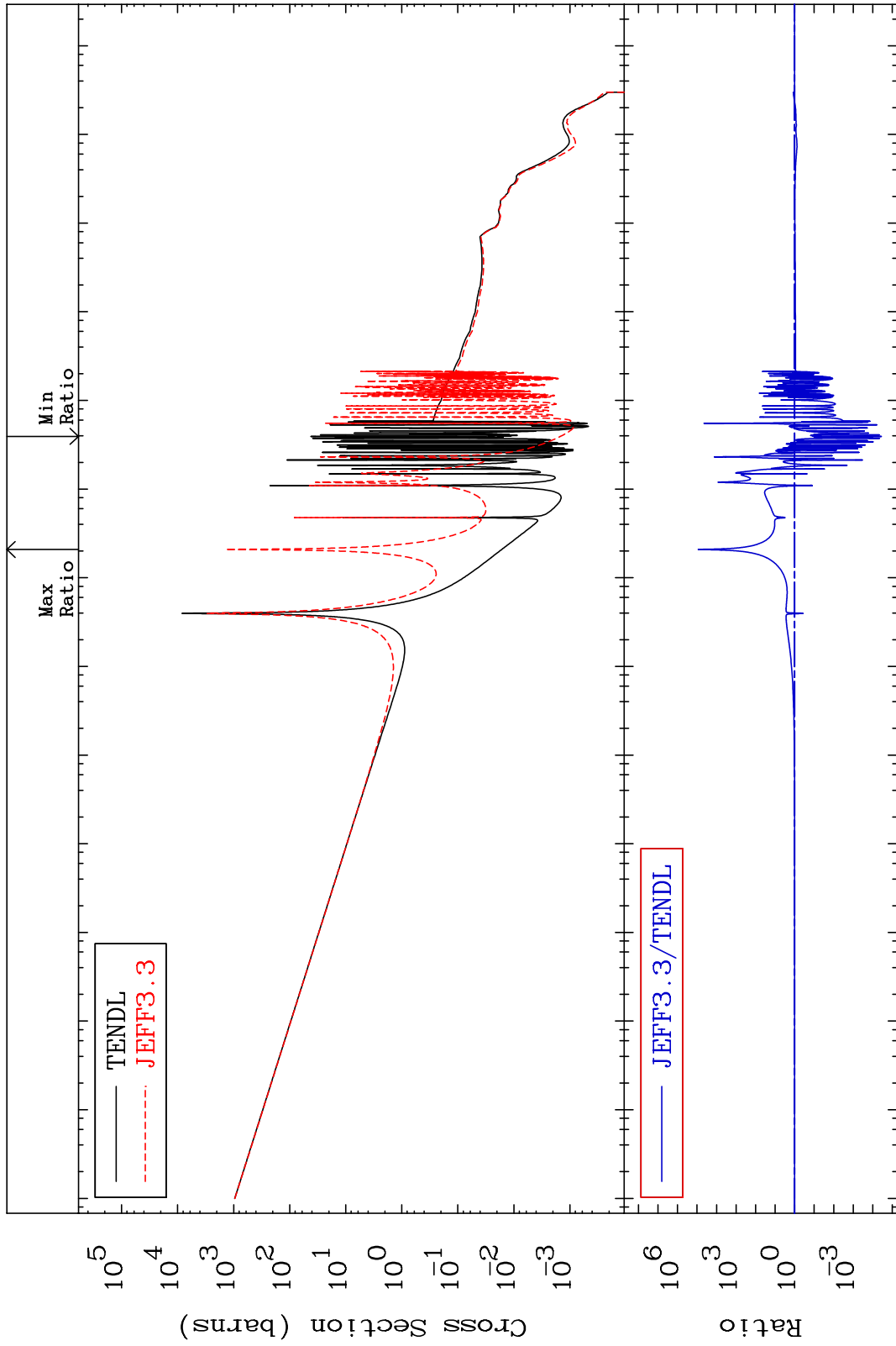
MAT 3637

(n, γ)

36-Kr-82

Cross Section

-100.0 To 9999. %



50

Incident Energy (eV)

36-Kr-82

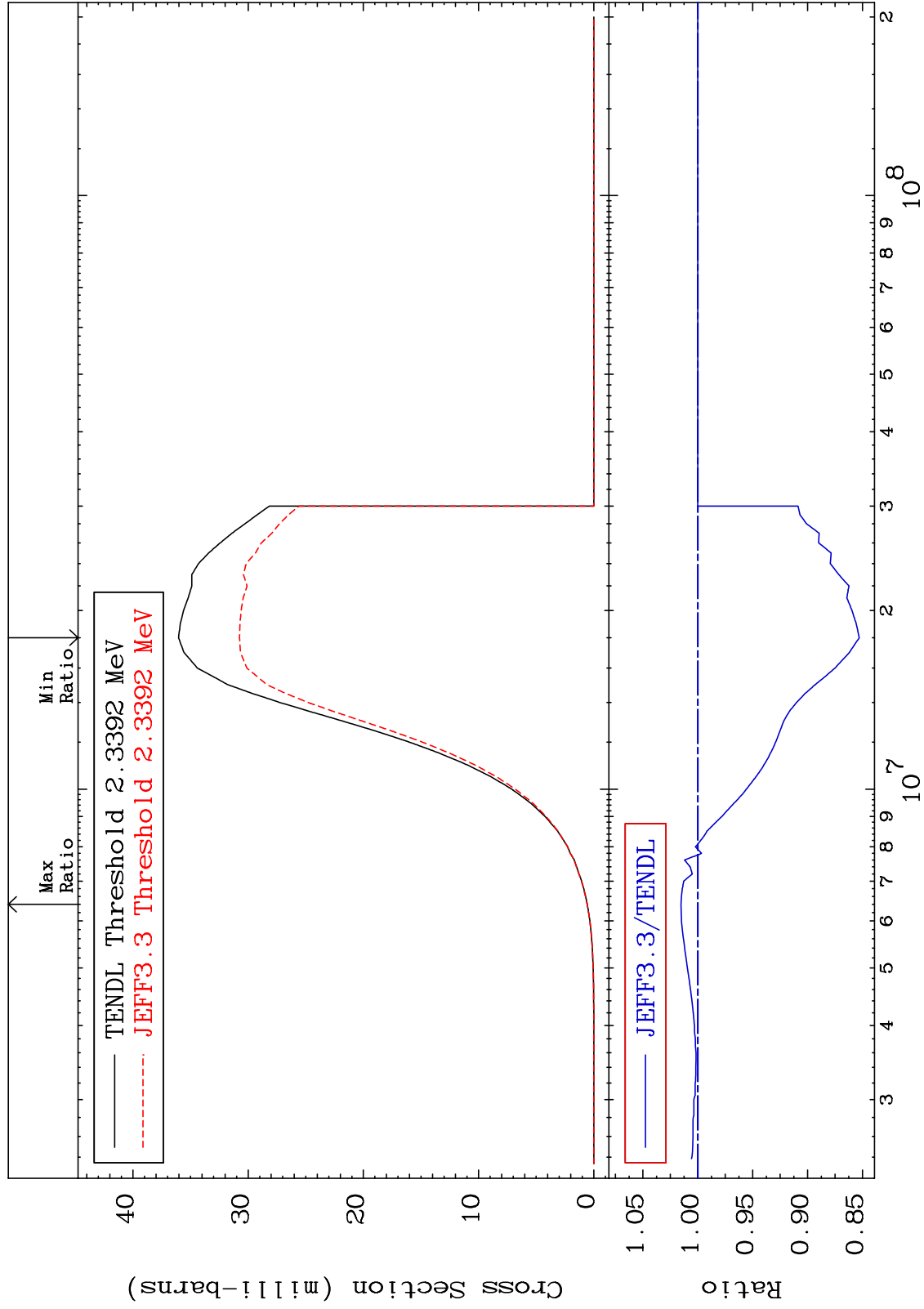
MAT 3637

(n, p)

36-Kr-82

-14.70 To 1.524 %

Cross Section



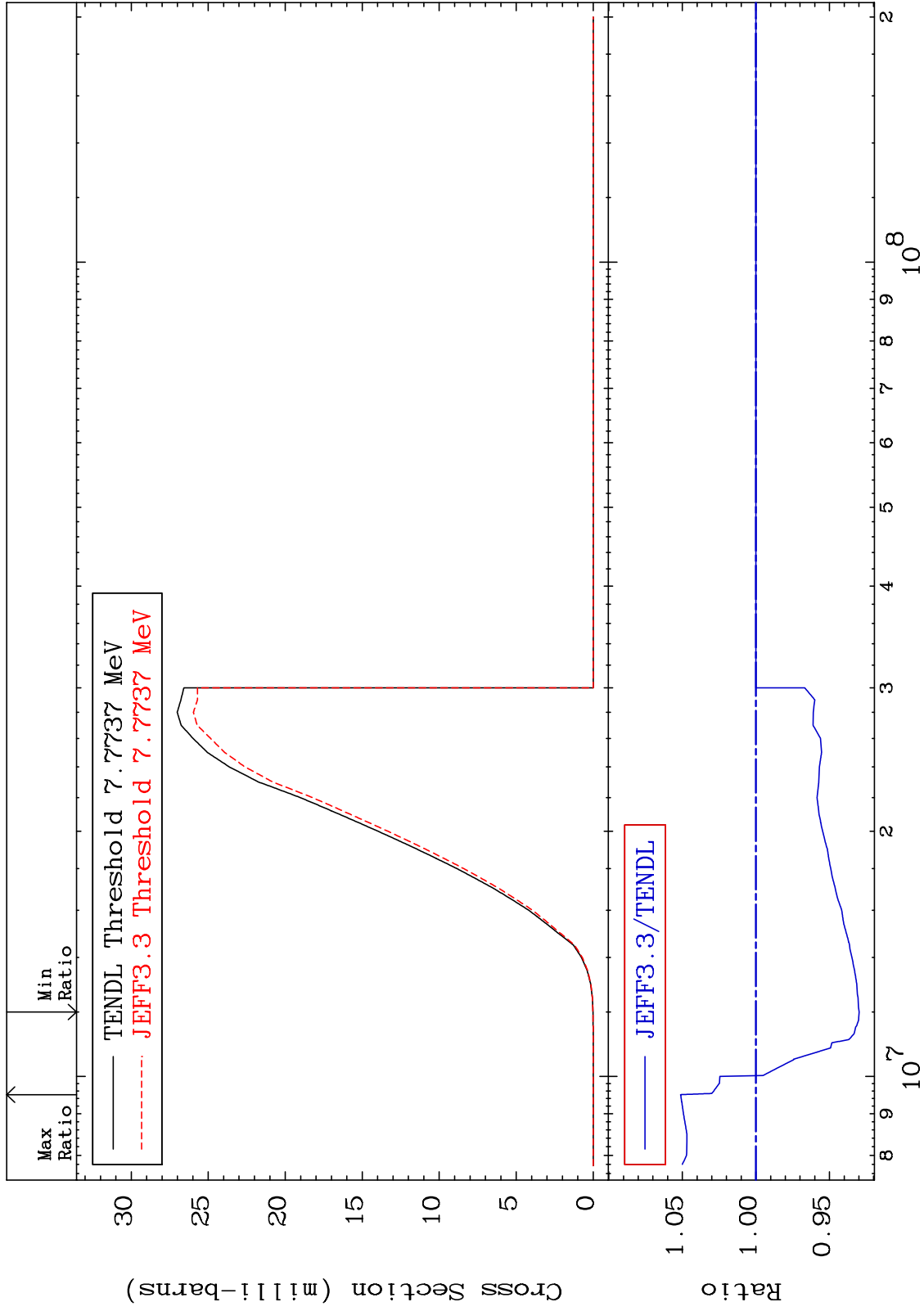
MAT 3637

(n, d)

36-Kr-82

Cross Section

-7.018 To 5.116 %



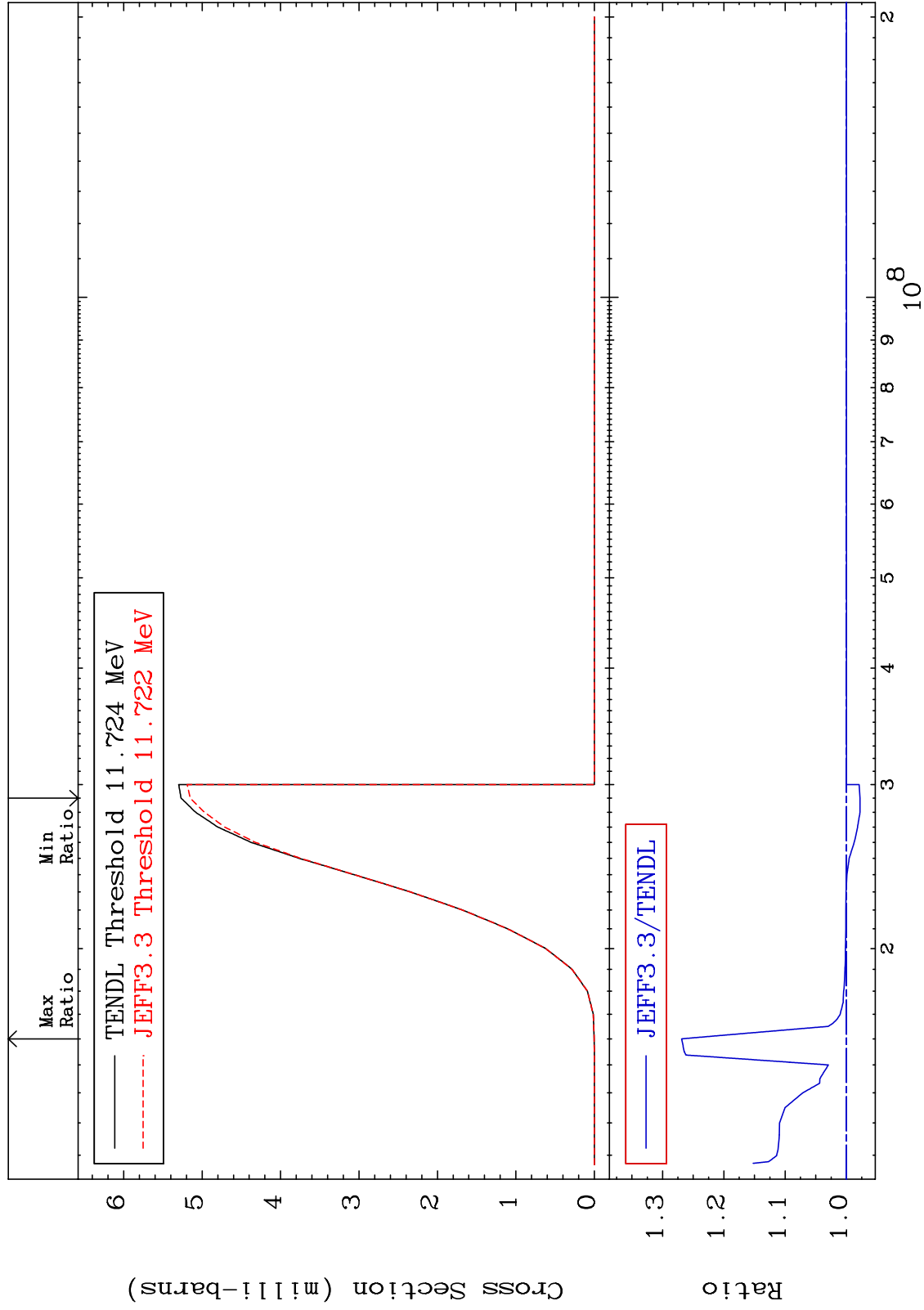
52

Incident Energy (eV)

36-Kr-82

Cross Section

-2.223 To 26.89 %



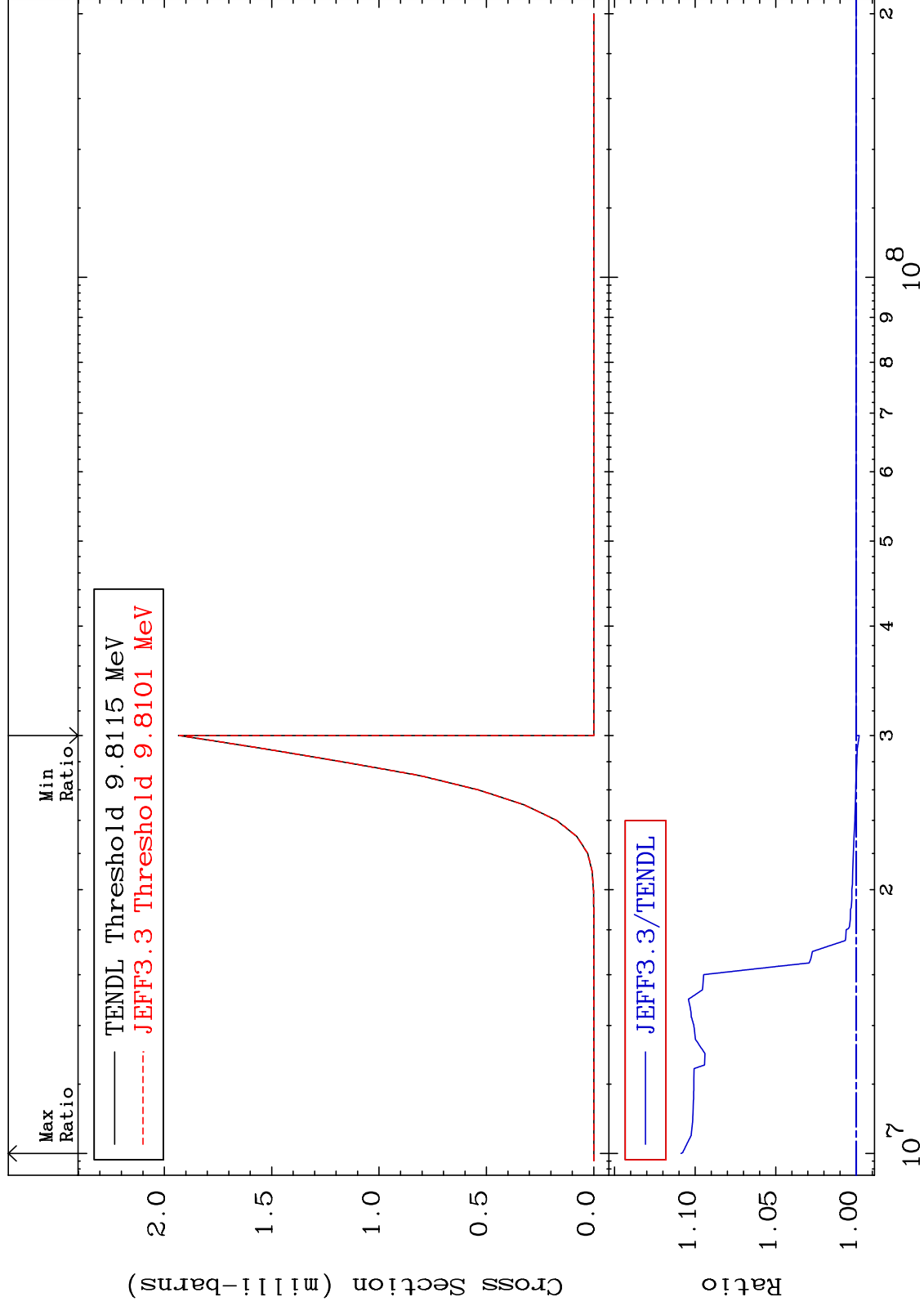
MAT 3637

(n, He-3)

36-Kr-82

Cross Section

-0.189 To 10.87 %



Incident Energy (eV)

36-Kr-82

54

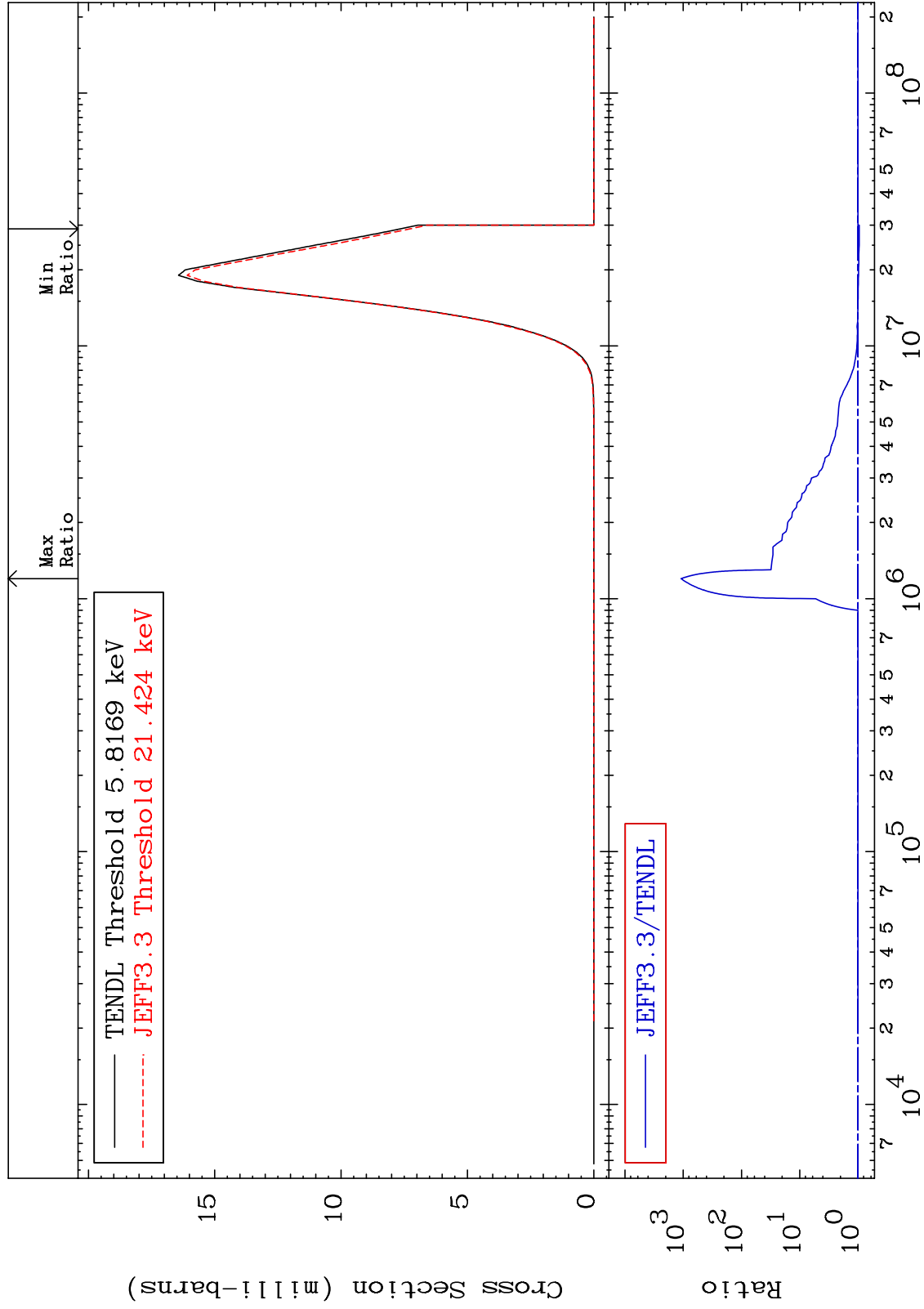
MAT 3637

(n, α)

36-Kr-82

Cross Section

-4.966 To 9999. %



55

Incident Energy (eV)

36-Kr-82

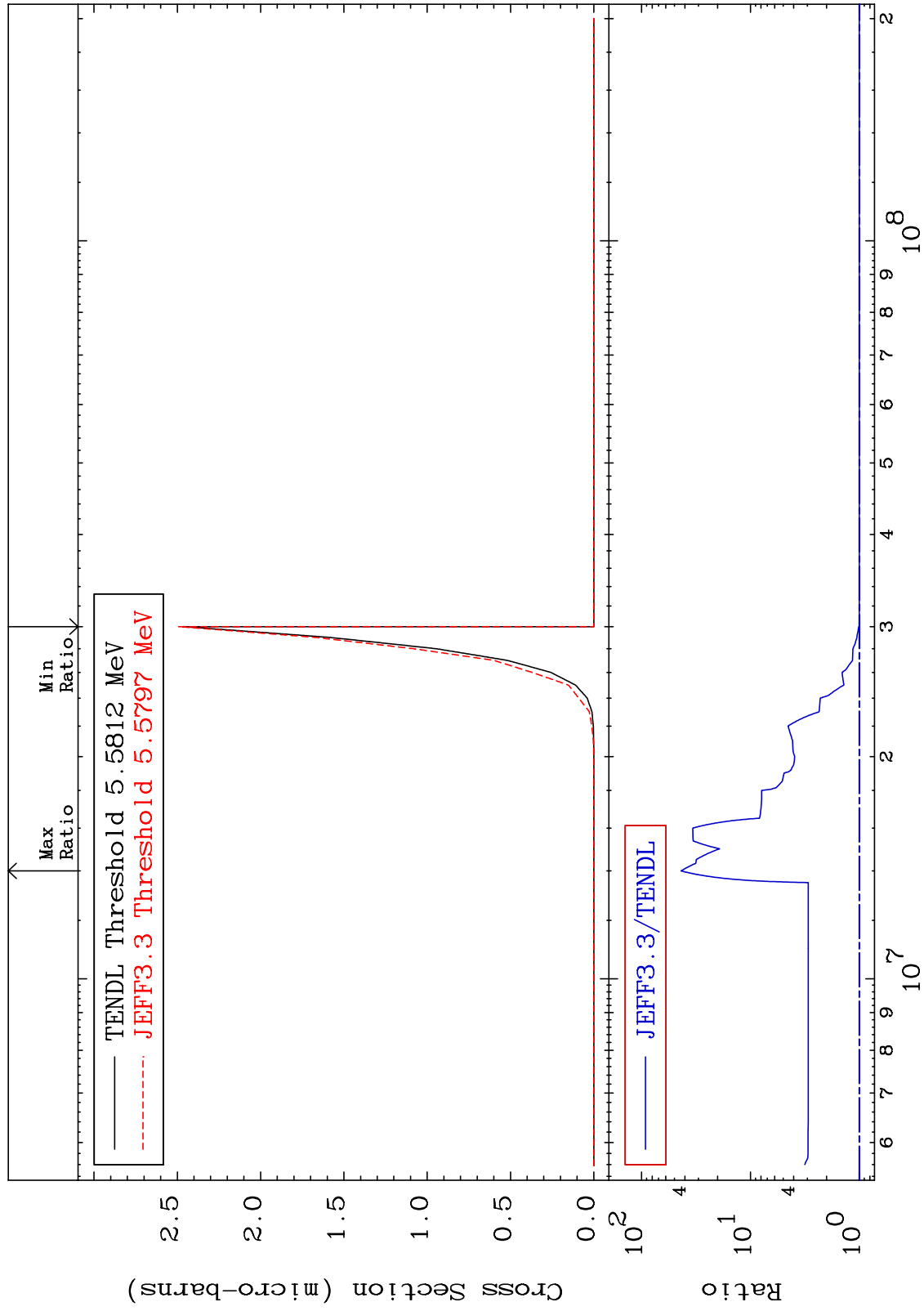
MAT 3637

(n, 2α)

³⁶Kr-82

Cross Section

0.000 To 4240. %



56

Incident Energy (eV)

³⁶Kr-82

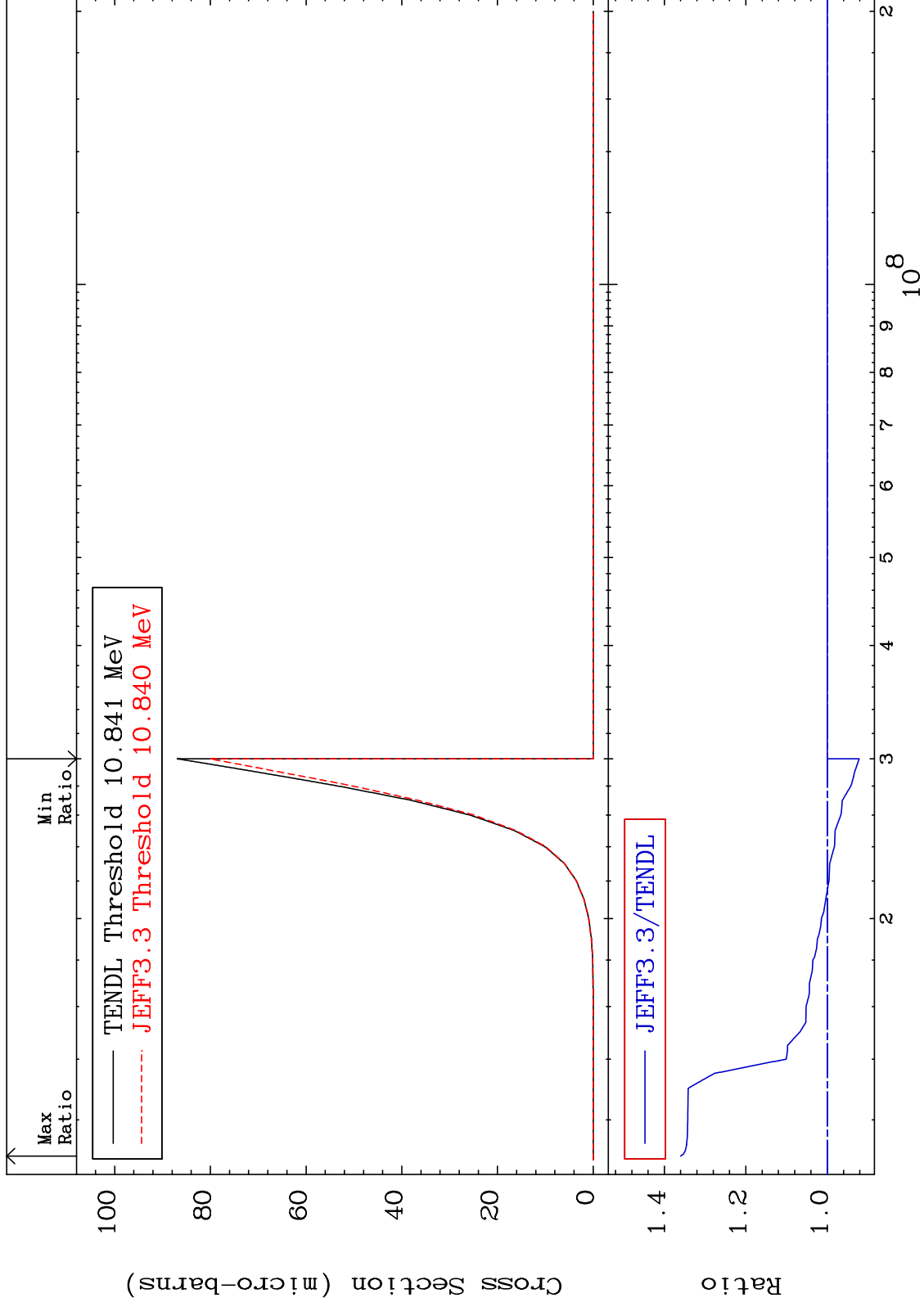
MAT 3637

(n,2p)

36-Kr-82

Cross Section

-7.830 To 36.01 %



57

Incident Energy (eV)

36-Kr-82

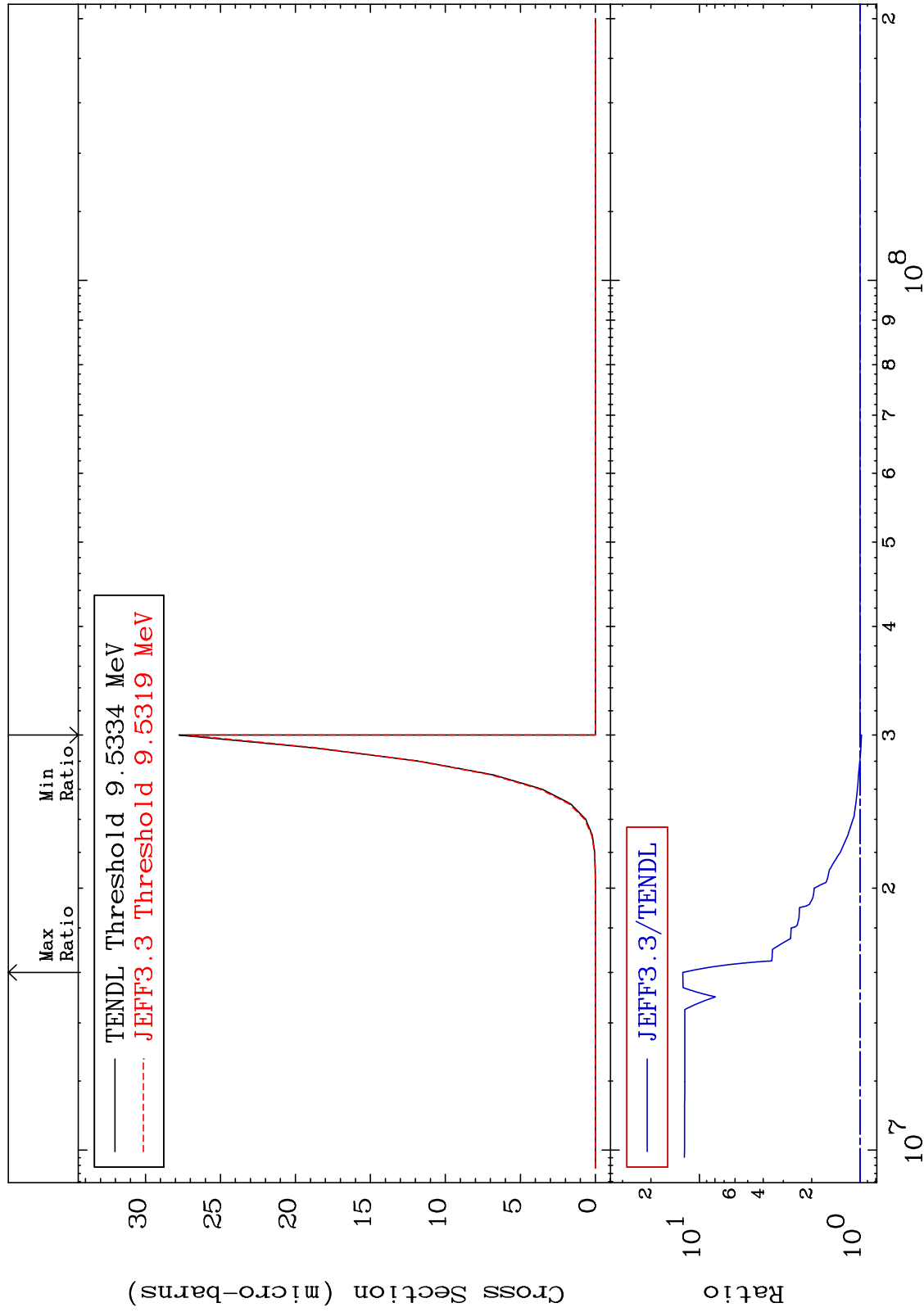
MAT 3637

(n,p) α

36-Kr-82

Cross Section

-2.110 To 1165. %



58

Incident Energy (eV)

36-Kr-82

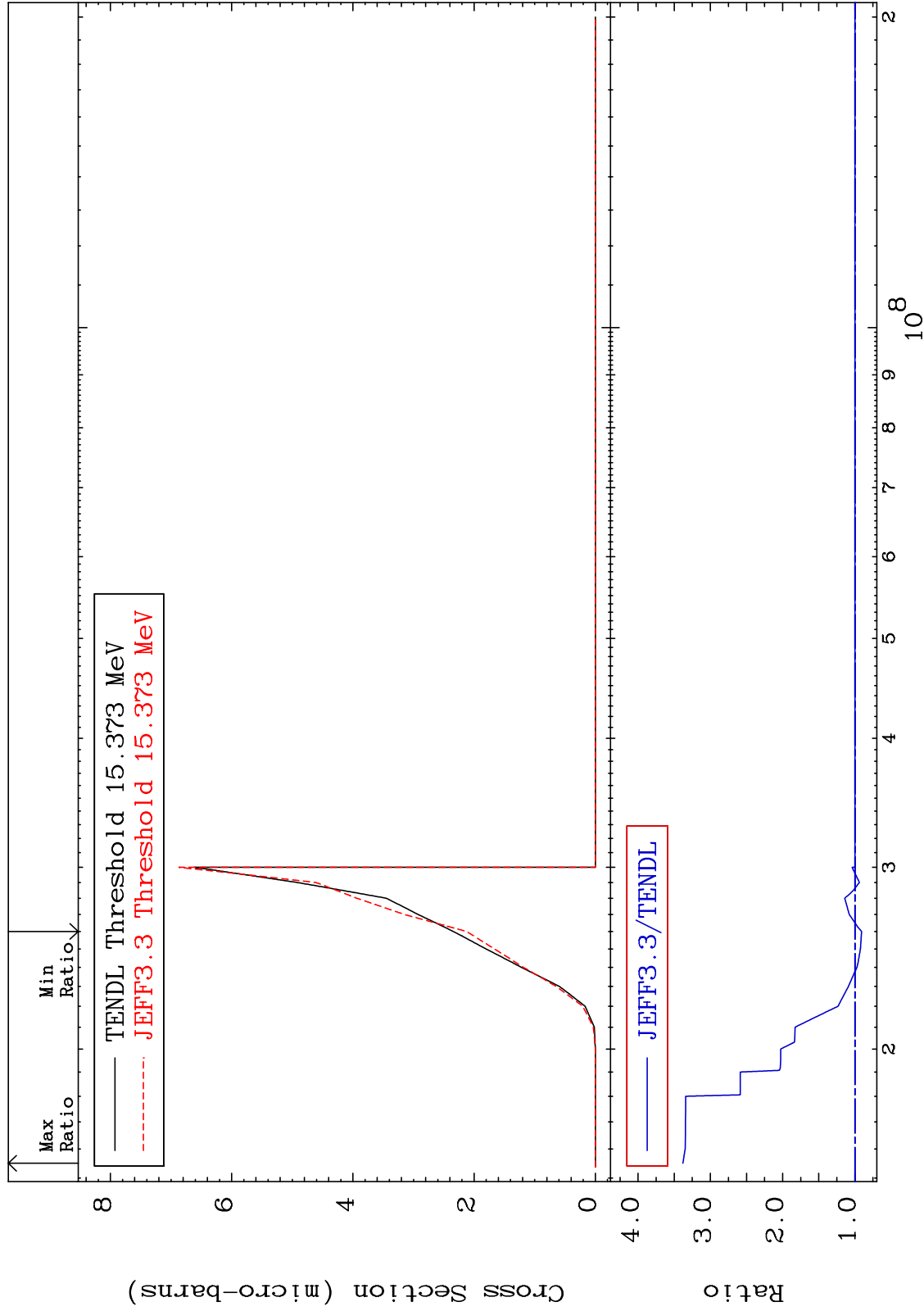
MAT 3637

(n,p) d

36-Kr-82

Cross Section

-9.246 To 238.0 %



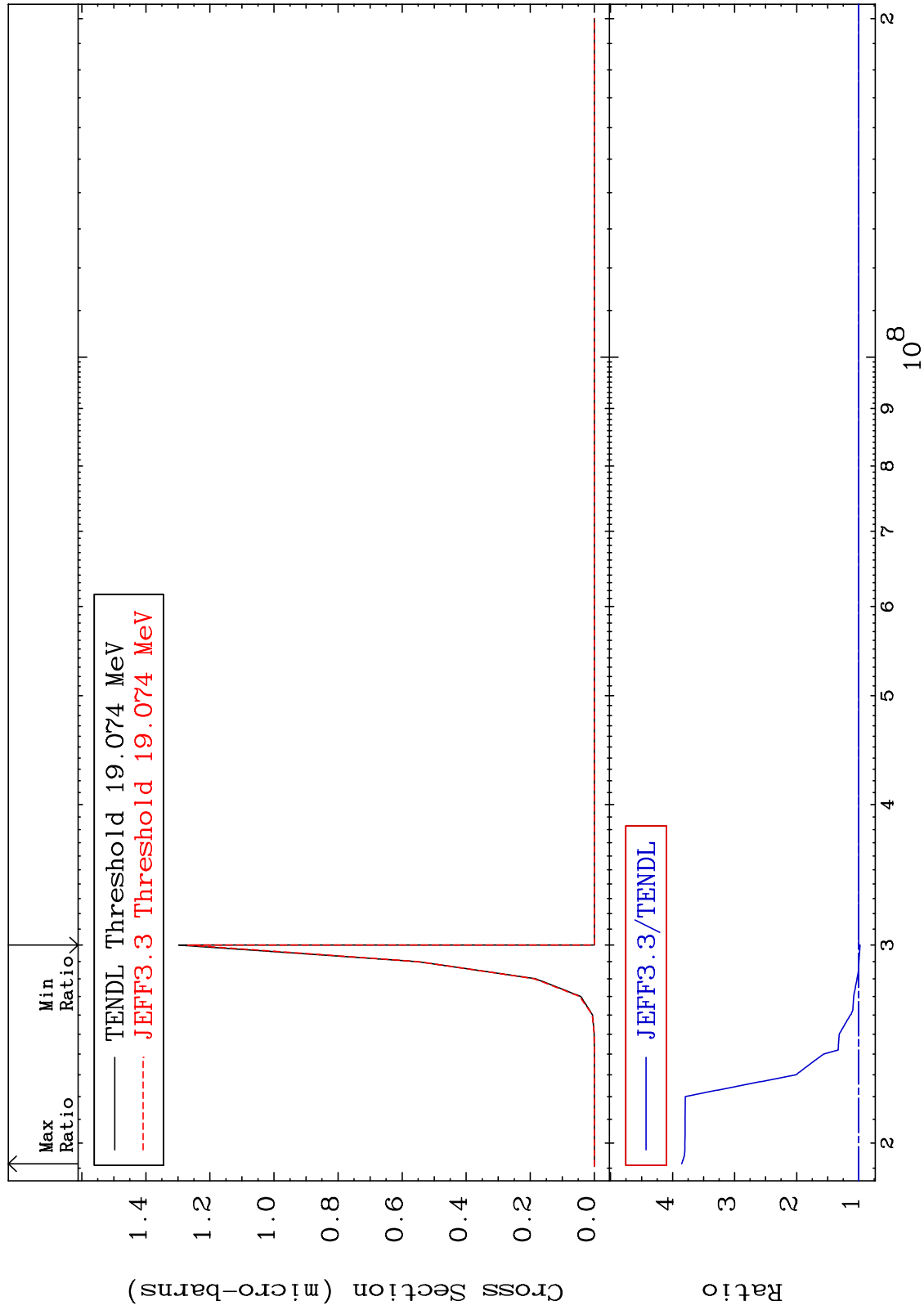
MAT 3637

(n,p) t

36-Kr-82

Cross Section

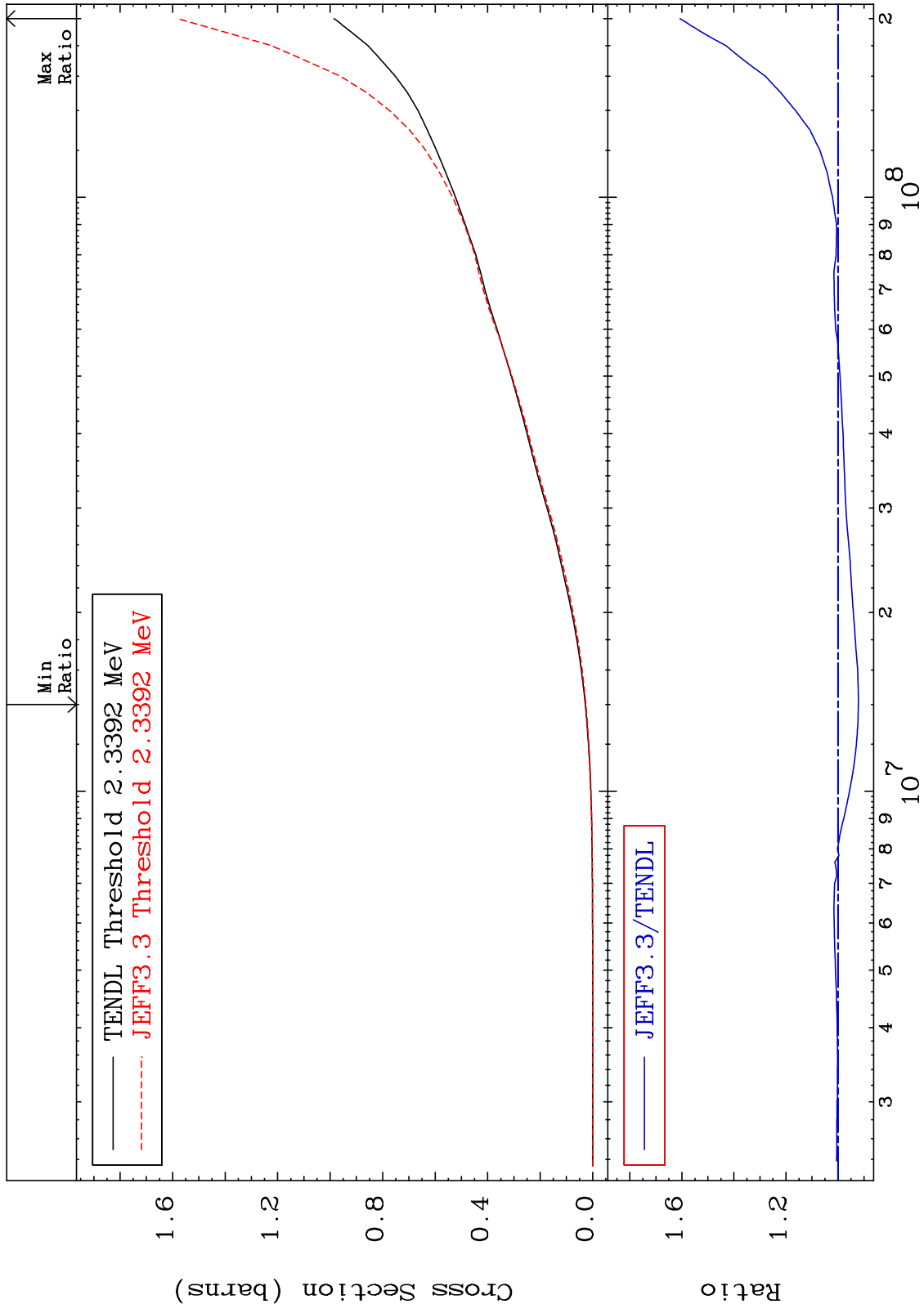
-2.209 To 285.4 %



MAT 3637

Hydrogen Production
Cross Section

36-Kr-82
-7.848 To 60.72 %



62

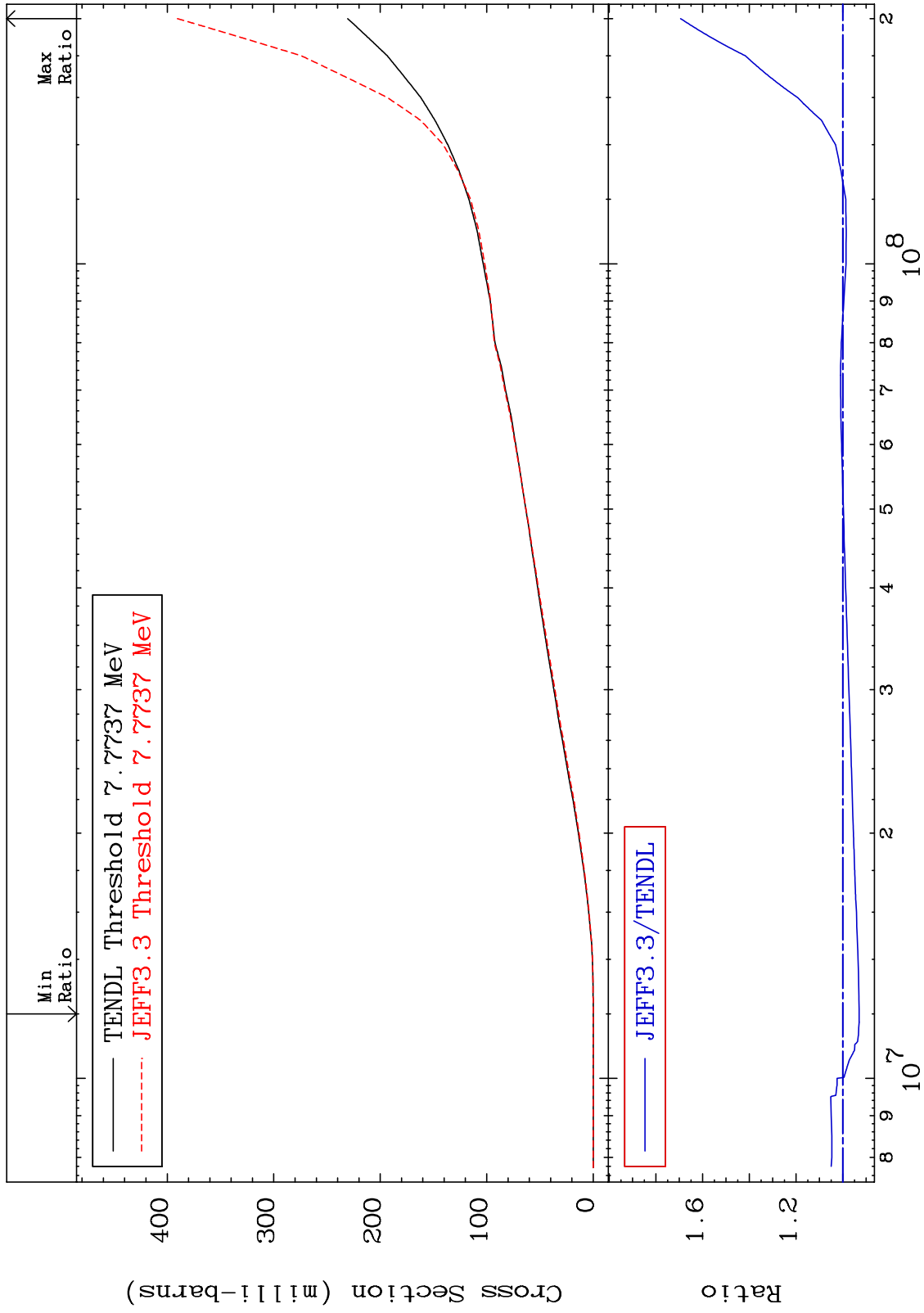
Incident Energy (eV)

36-Kr-82

MAT 3637

Deuterium Production
Cross Section

36-Kr-82
-7.018 To 69.42 %



63

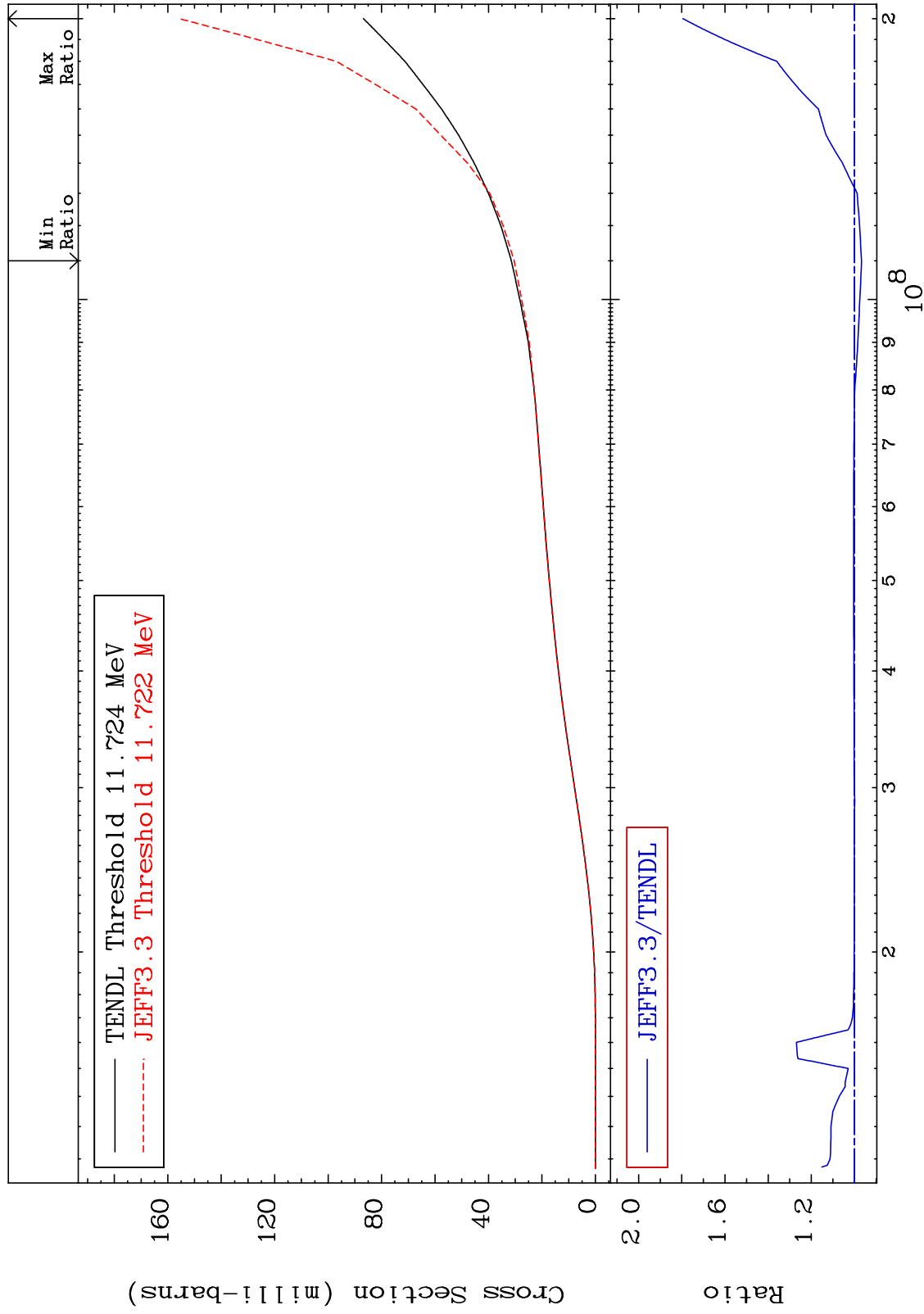
Incident Energy (eV)

36-Kr-82

MAT 3637

Tritium Production
Cross Section

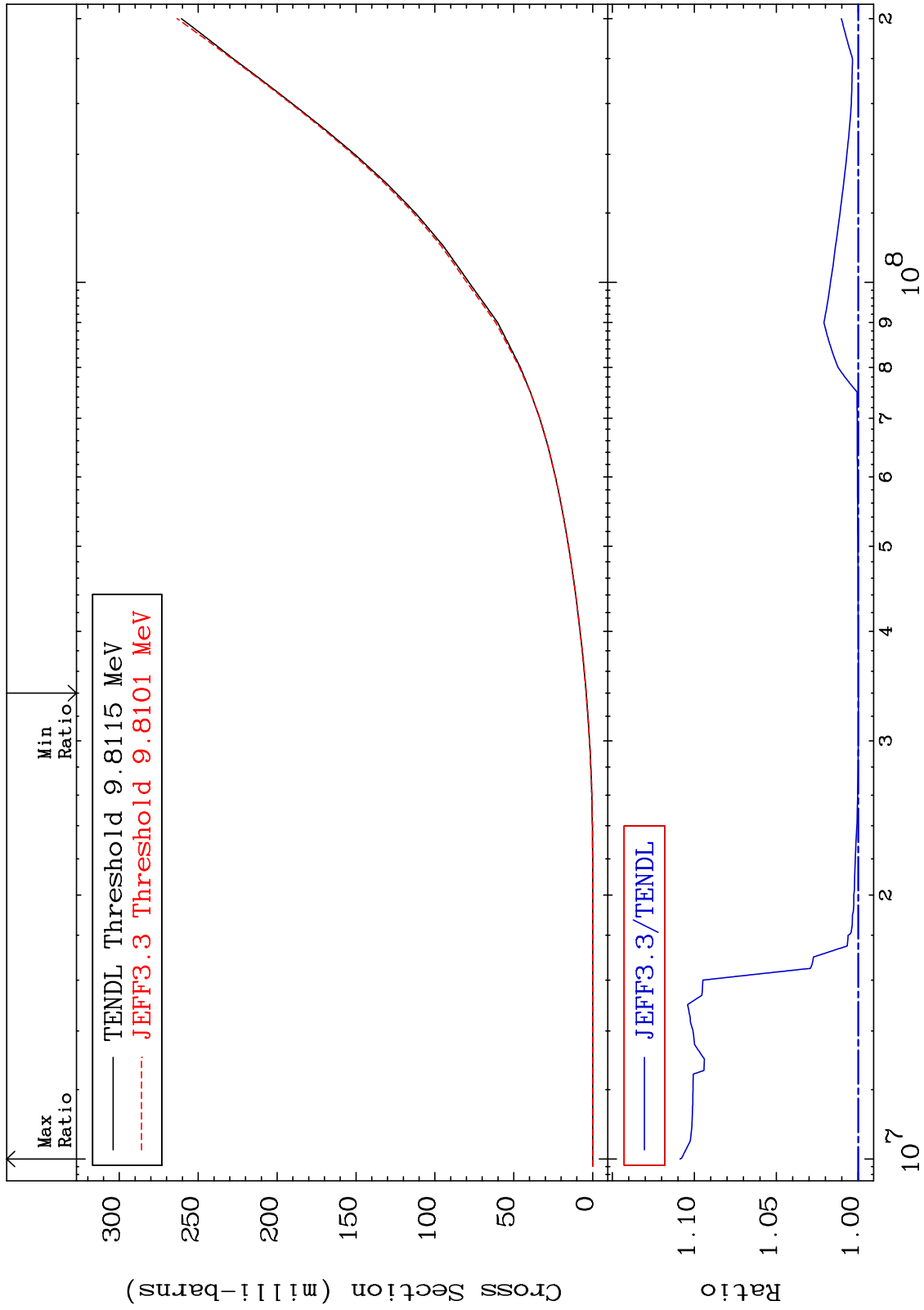
36-Kr-82
-3.273 To 79.51 %



MAT 3637

He-3 Production
Cross Section

36-Kr-82
-0.010 To 10.87 %



65

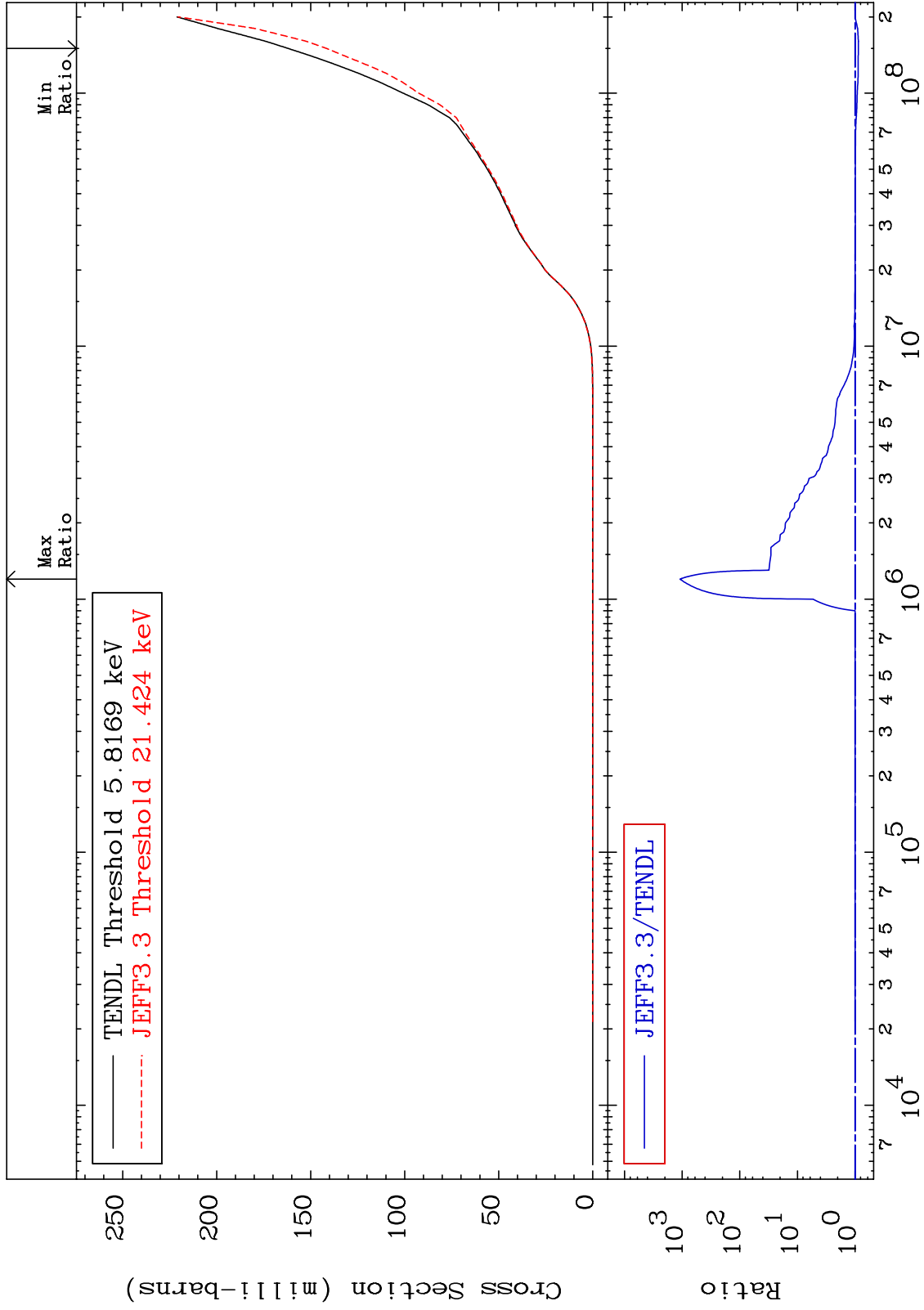
Incident Energy (eV)

36-Kr-82

MAT 3637

He-4 Production
Cross Section

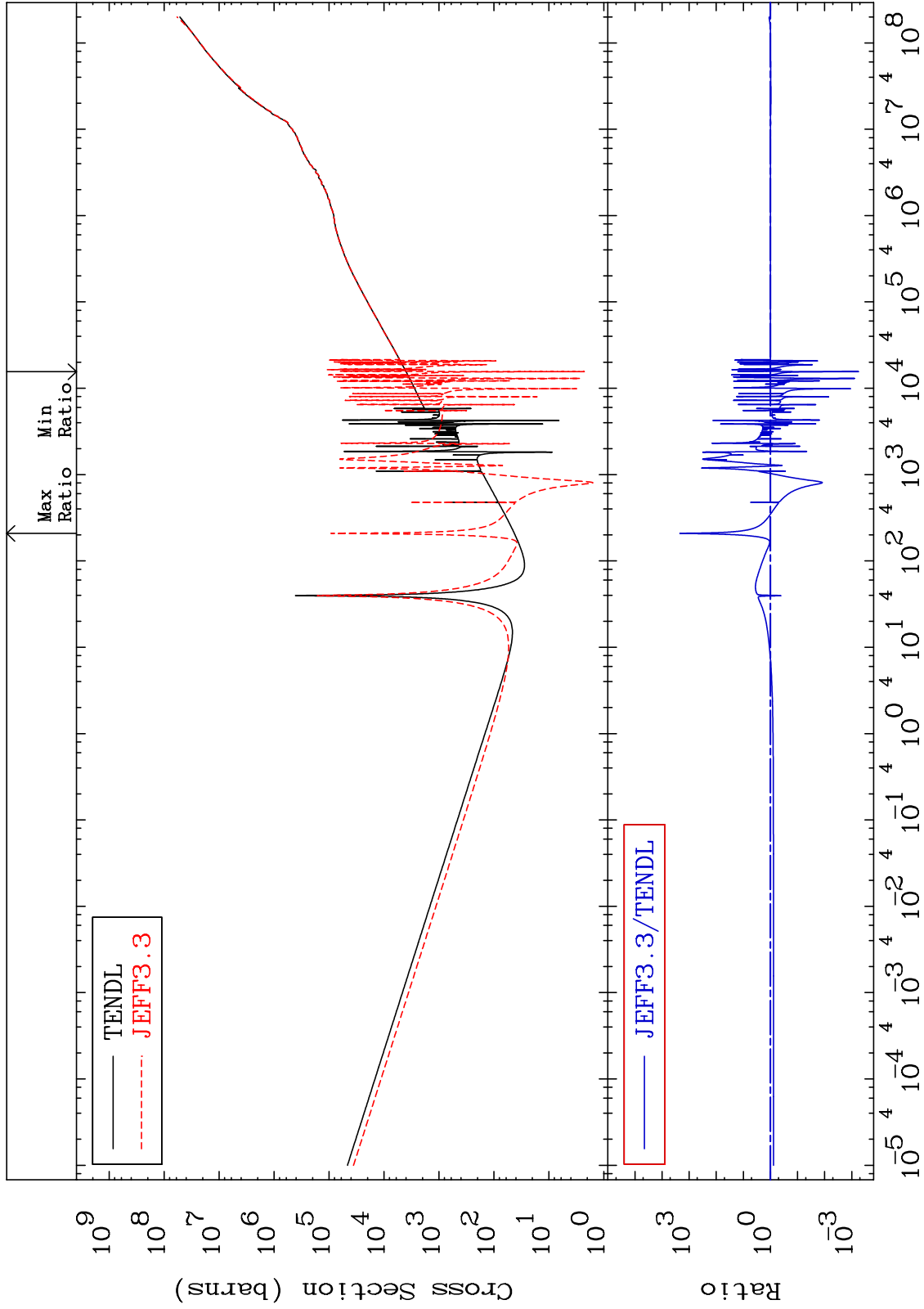
36-Kr-82
-12.60 To 9999. %



MAT 3637

Kerma total (eV-barns)
Cross Section

36-Kr-82
-99.94 To 9999. %



67

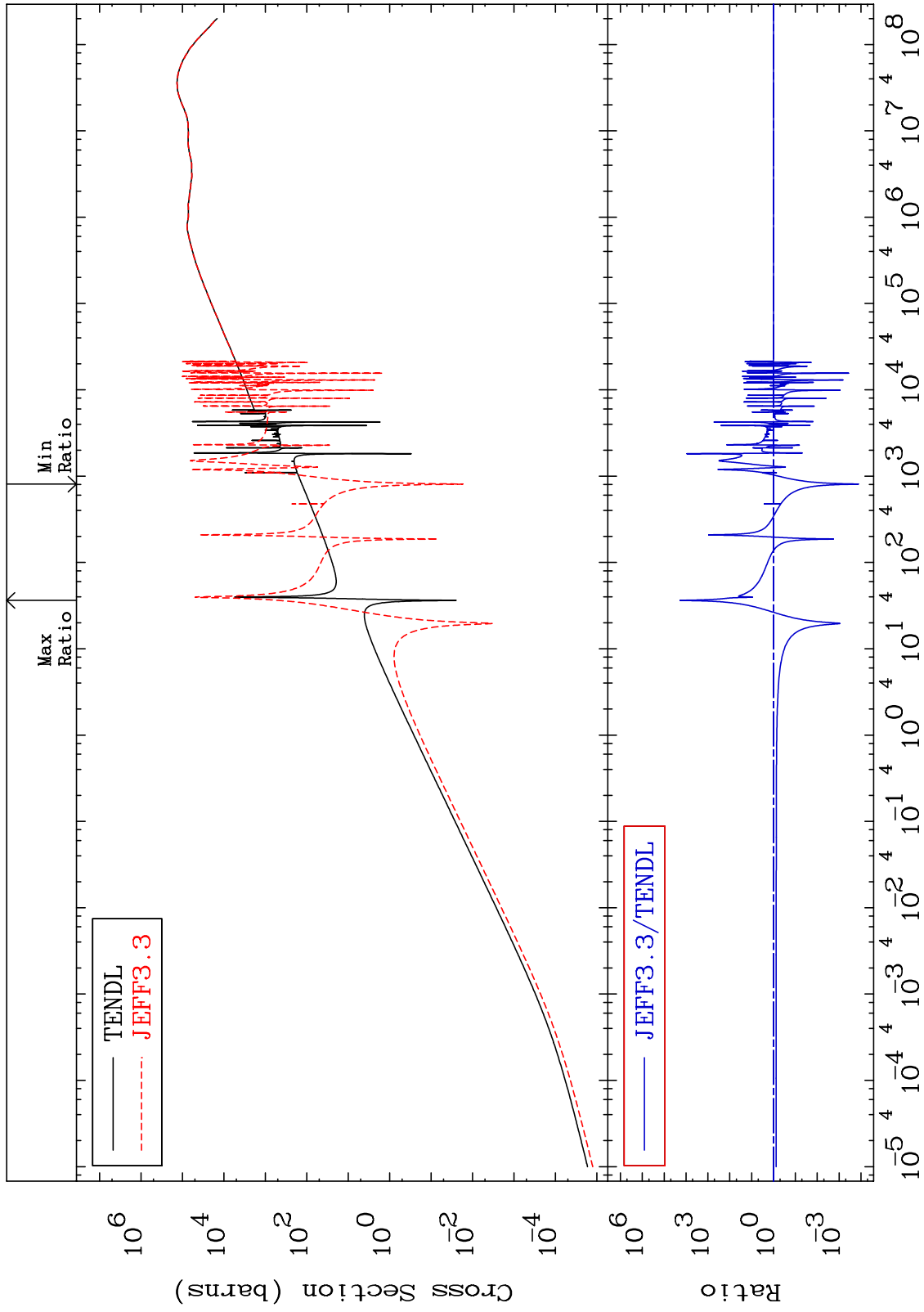
Incident Energy (eV)

36-Kr-82

MAT 3637

Kerma elastic
Cross Section

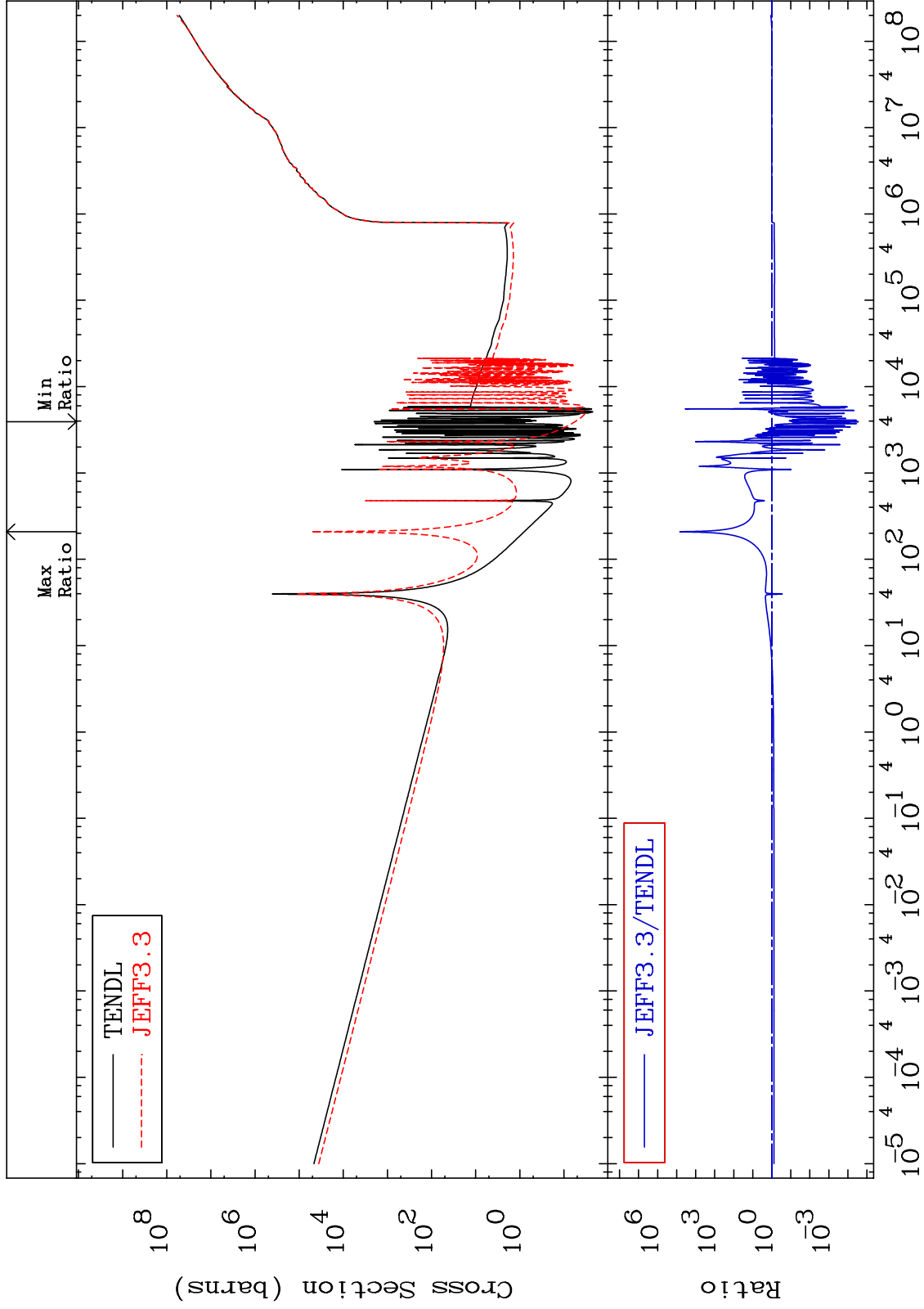
36-Kr-82
-99.99 To 9999. %



MAT 3637

Kerma non-elastic (all but mt2)
Cross Section

36-Kr-82
-100.0 To 9999. %



69

Incident Energy (eV)

36-Kr-82

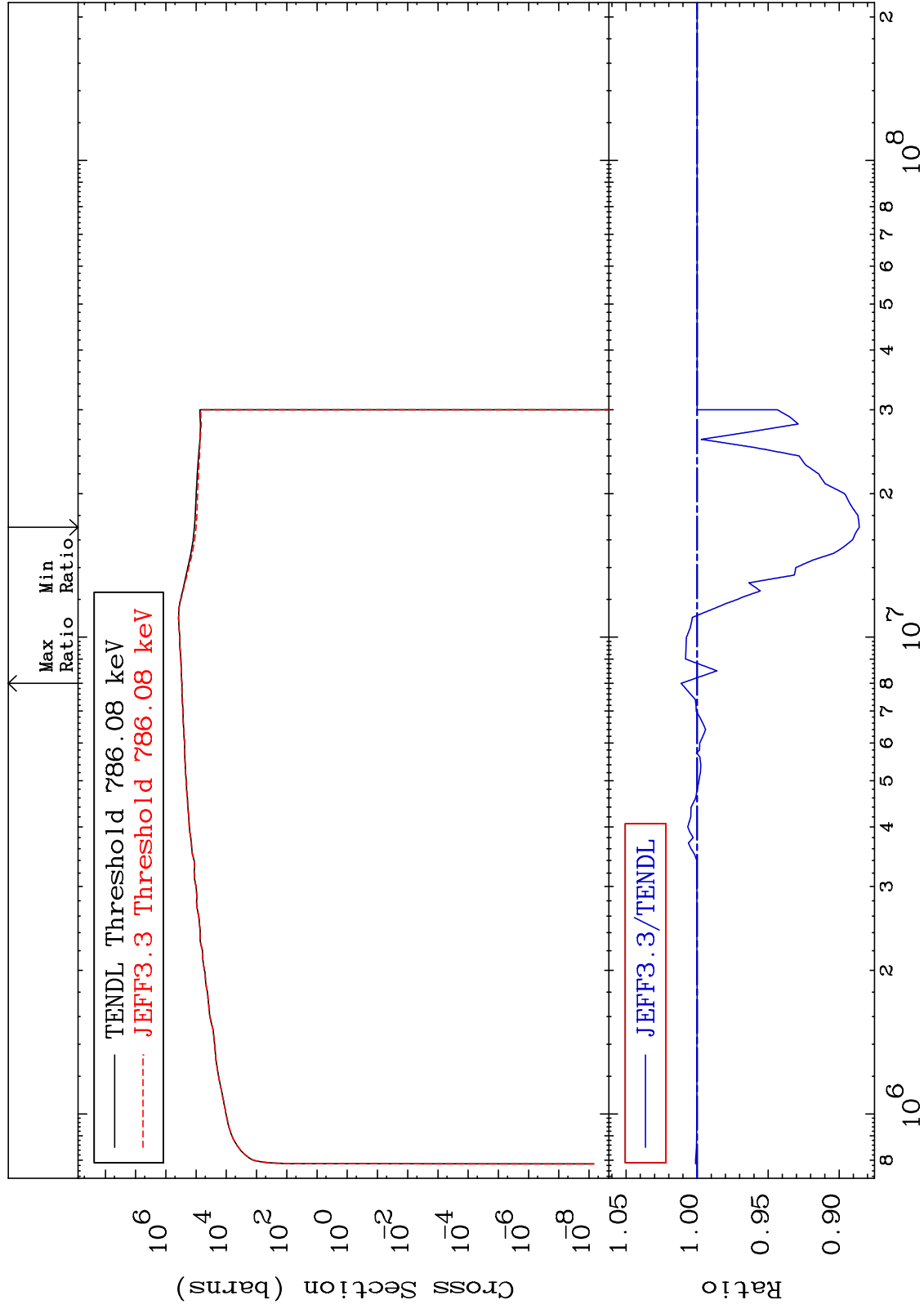
MAT 3637

Kerma inelastic (mt51-91)

³⁶Kr-82

-11.42 To 1.131 %

Cross Section



70

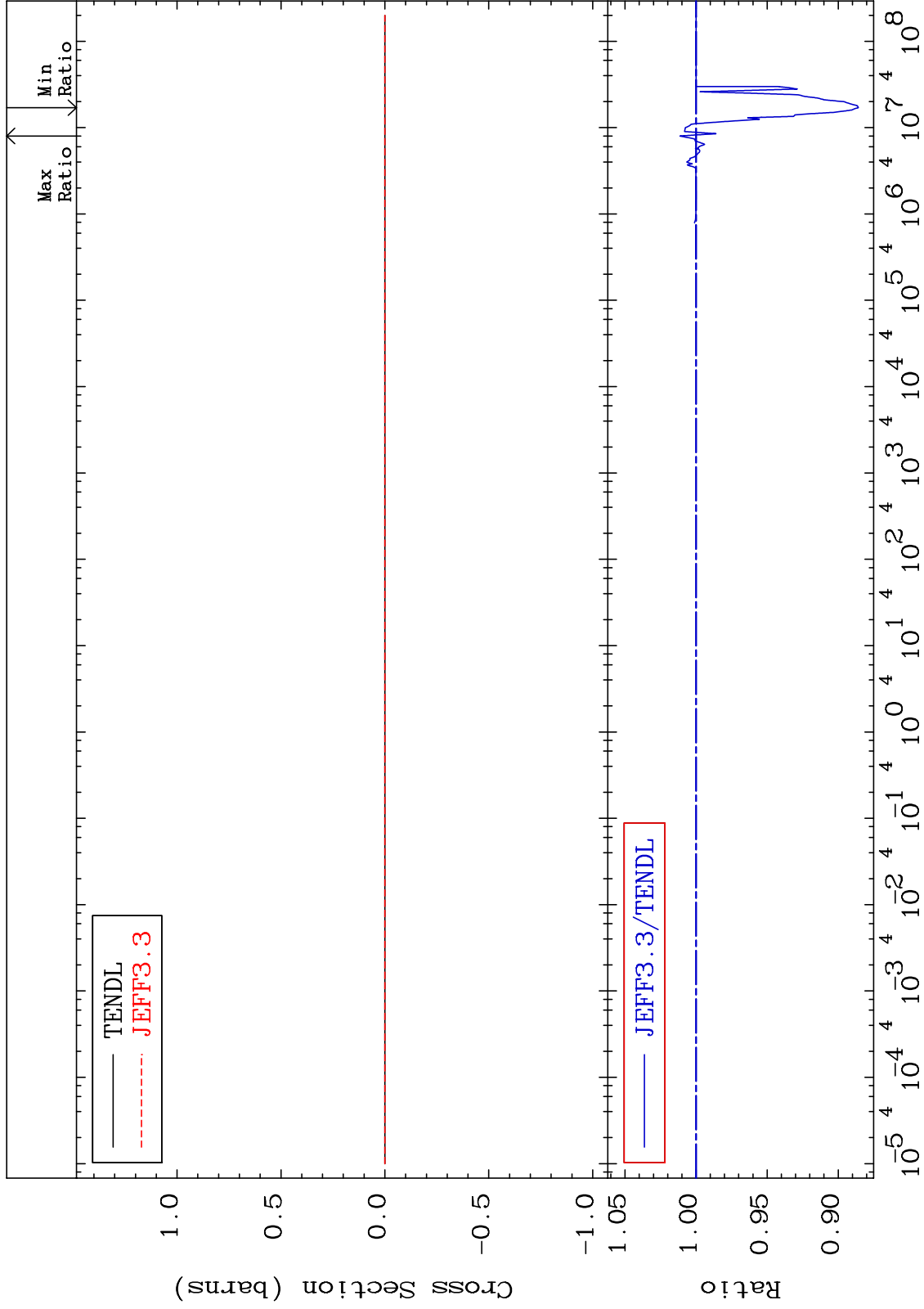
Incident Energy (eV)

³⁶Kr-82

MAT 3637

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

36-Kr-82
-11.42 To 1.131 %



71

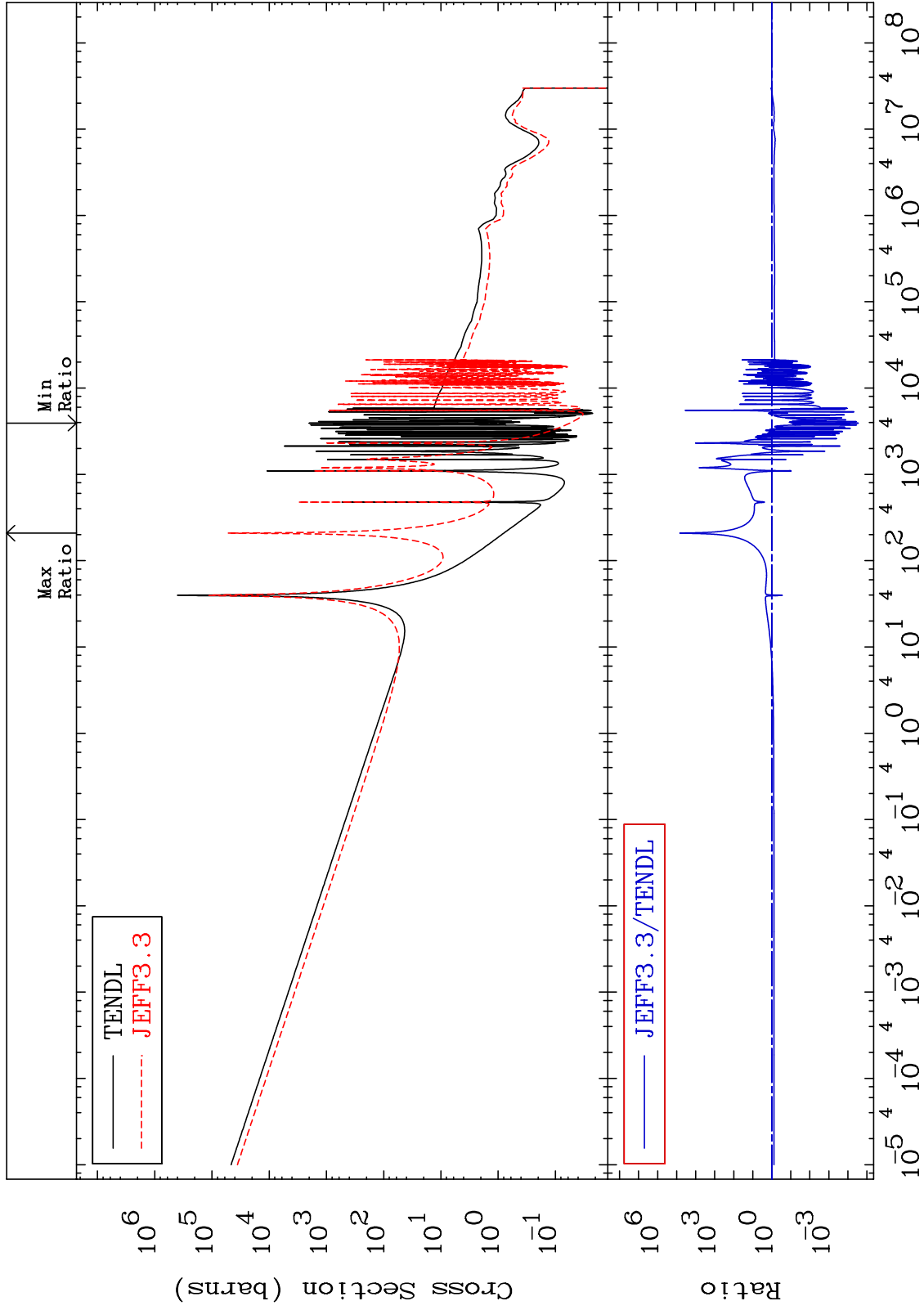
Incident Energy (eV)

36-Kr-82

MAT 3637

Kerma capture (mt102)
Cross Section

36-Kr-82
-100.0 To 9999. %



— TENDL
- - - JEFF3.3

— JEFF3.3/TENDL

72

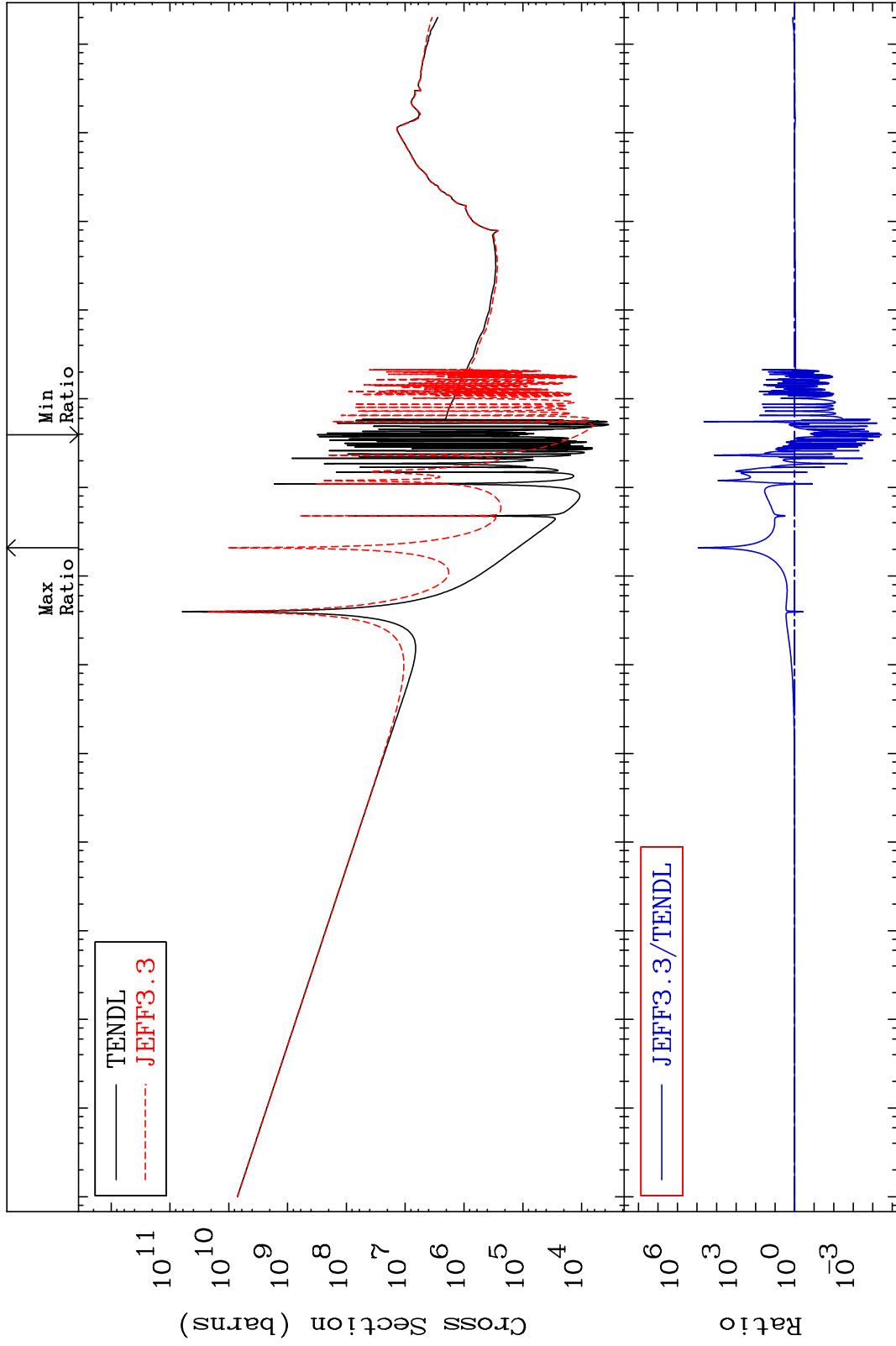
Incident Energy (eV)

36-Kr-82

MAT 3637

Total photon (eV-barns)
Cross Section

36-Kr-82
-100.0 To 9999. %



73

Incident Energy (eV)

36-Kr-82

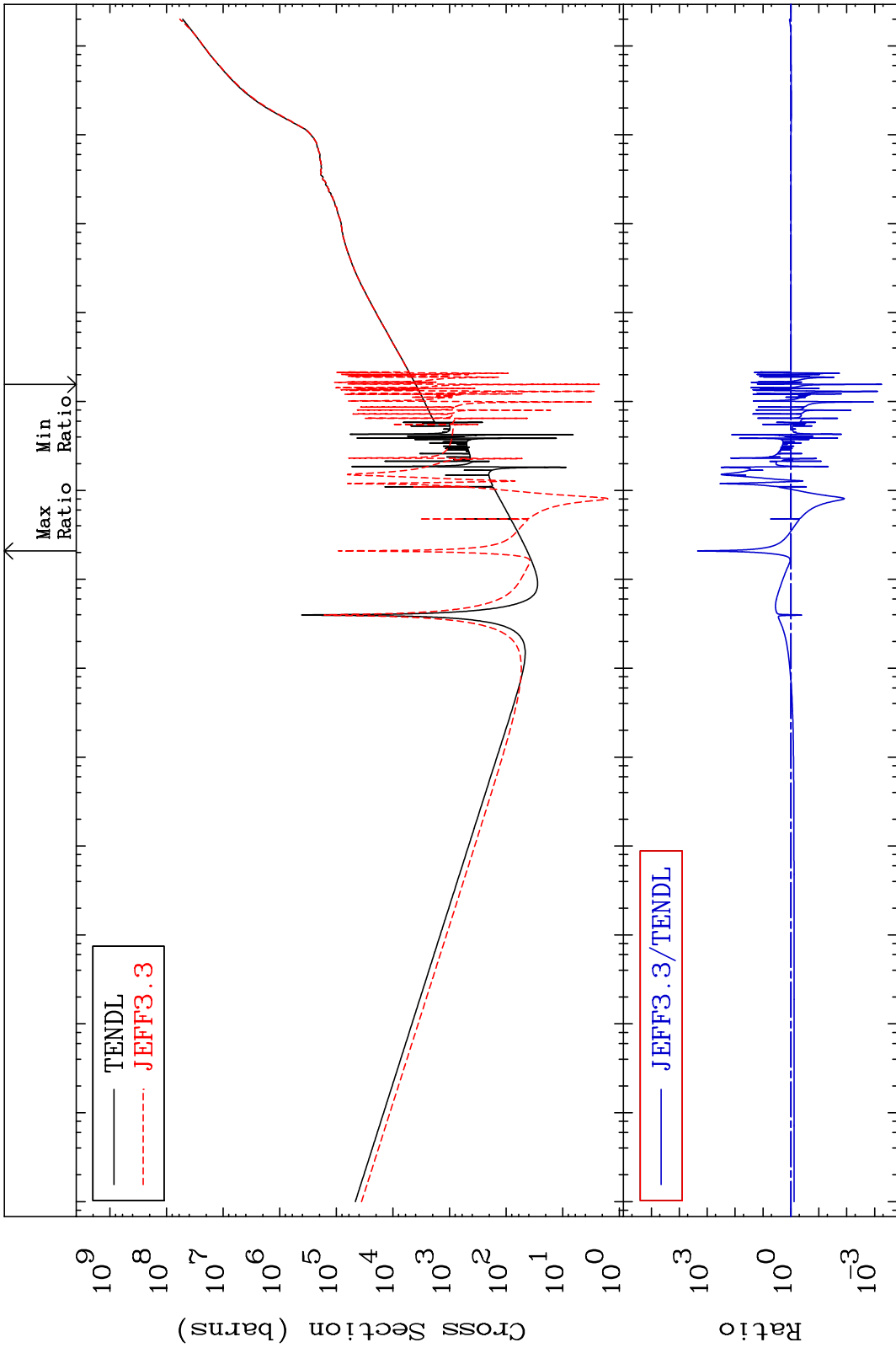
MAT 3637

Total kinematic kerma (high limit)

36-Kr-82

-99.94 To 9999. %

Cross Section



74

Incident Energy (eV)

36-Kr-82

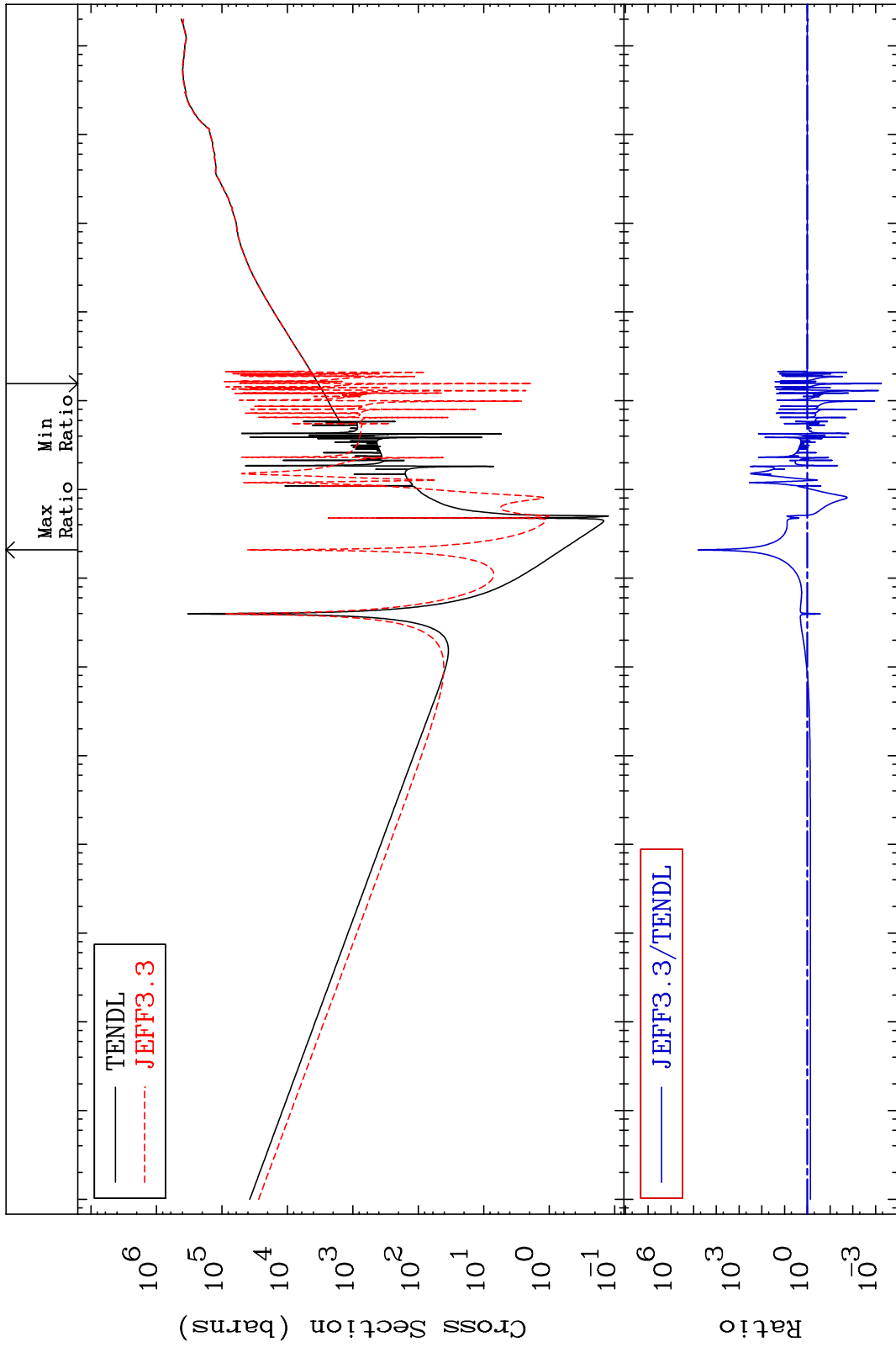
MAT 3637

Dpa total (eV-barns)

36-Kr-82

-99.95 To 9999. %

Cross Section



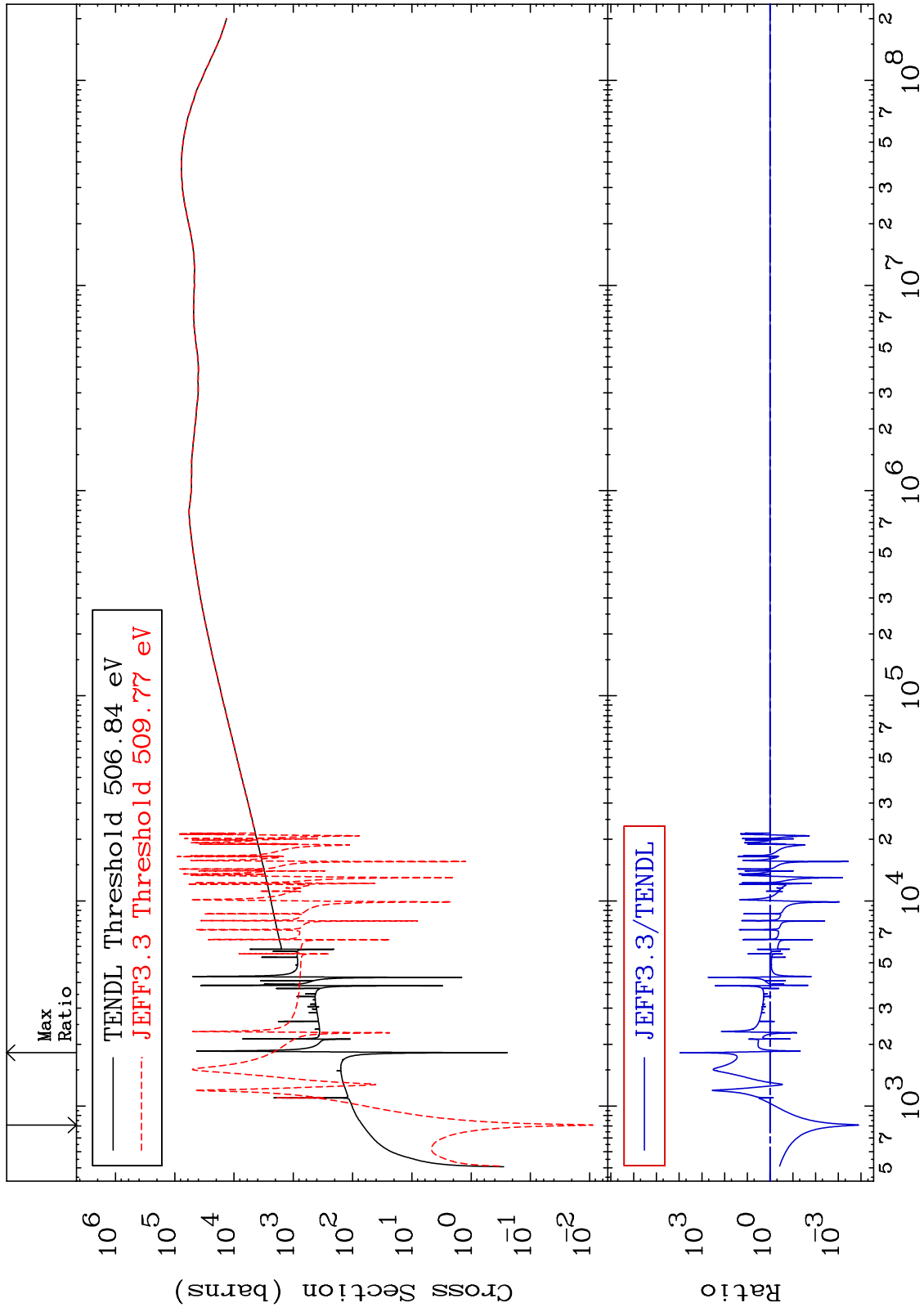
— TENDL
- - - JEFF3.3

— JEFF3.3/TENDL

MAT 3637

Dpa elastic (mt2)
Cross Section

36-Kr-82
-99.99 To 9999. %



76

Incident Energy (eV)

36-Kr-82

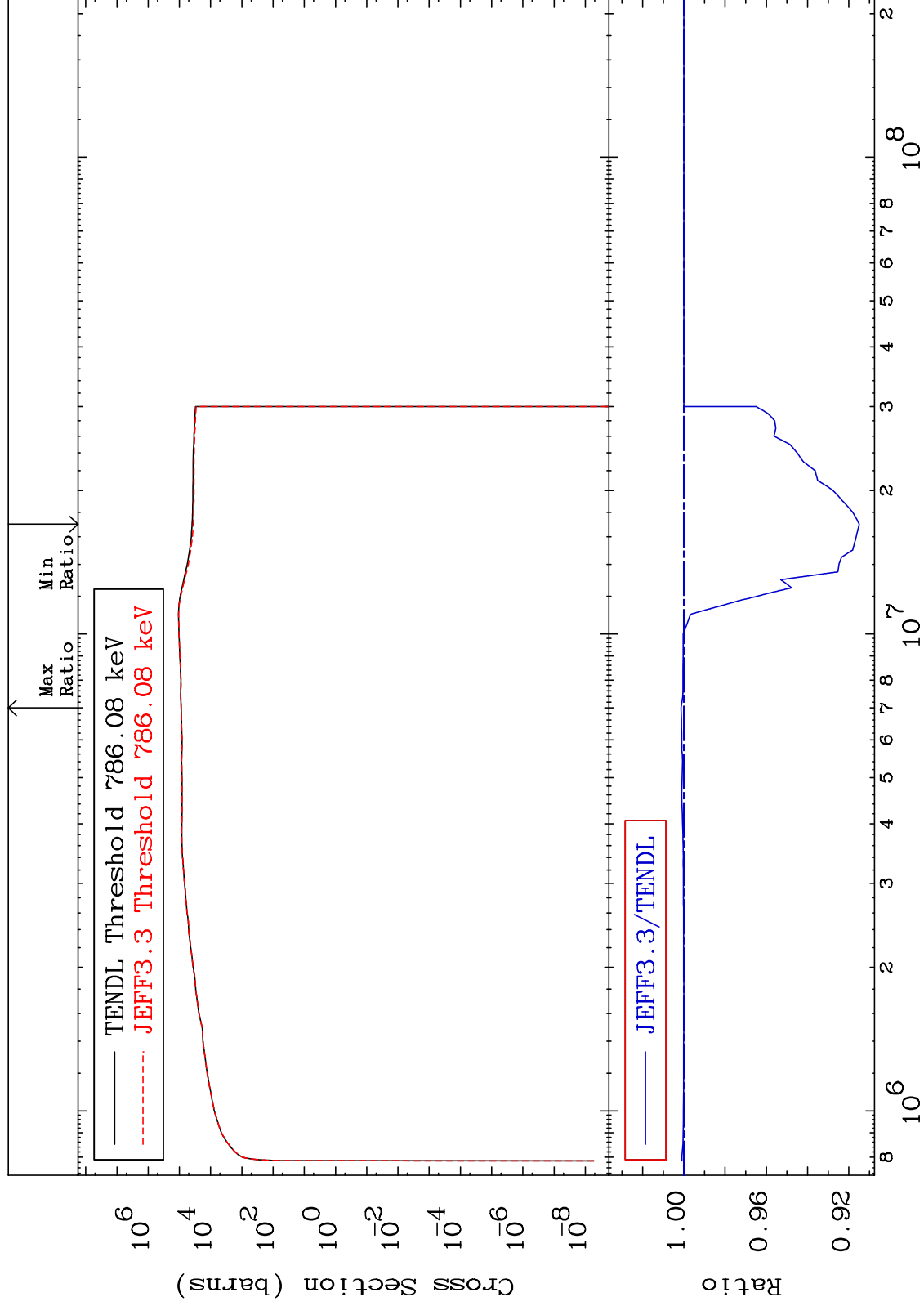
MAT 3637

Dpa inelastic (mt51-91)

36-Kr-82

-8.507 To 0.136 %

Cross Section



77

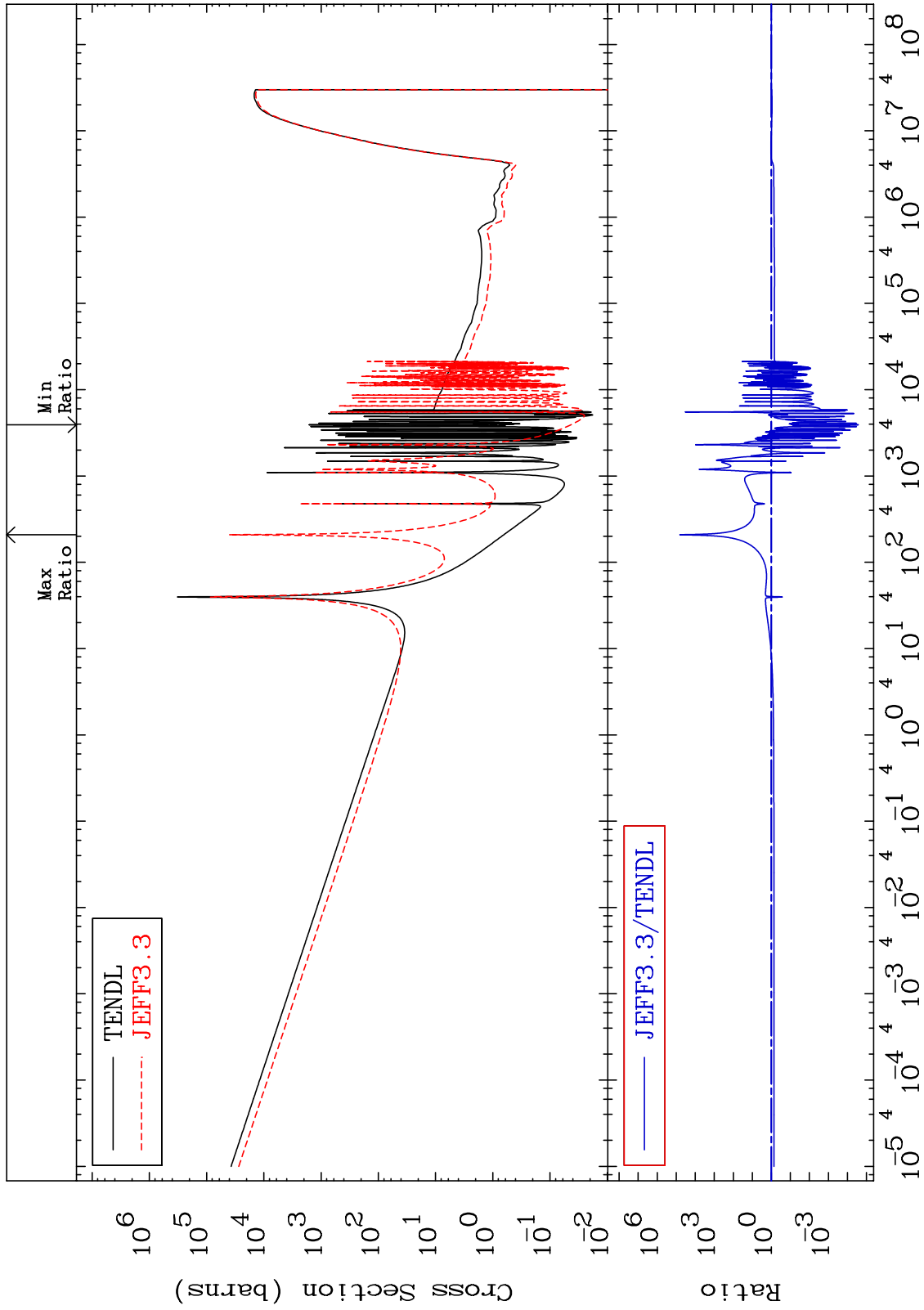
Incident Energy (eV)

36-Kr-82

MAT 3637

Dpa disappearance (mt102 -120)
Cross Section

36-Kr-82
-100.0 To 9999. %



78

Incident Energy (eV)

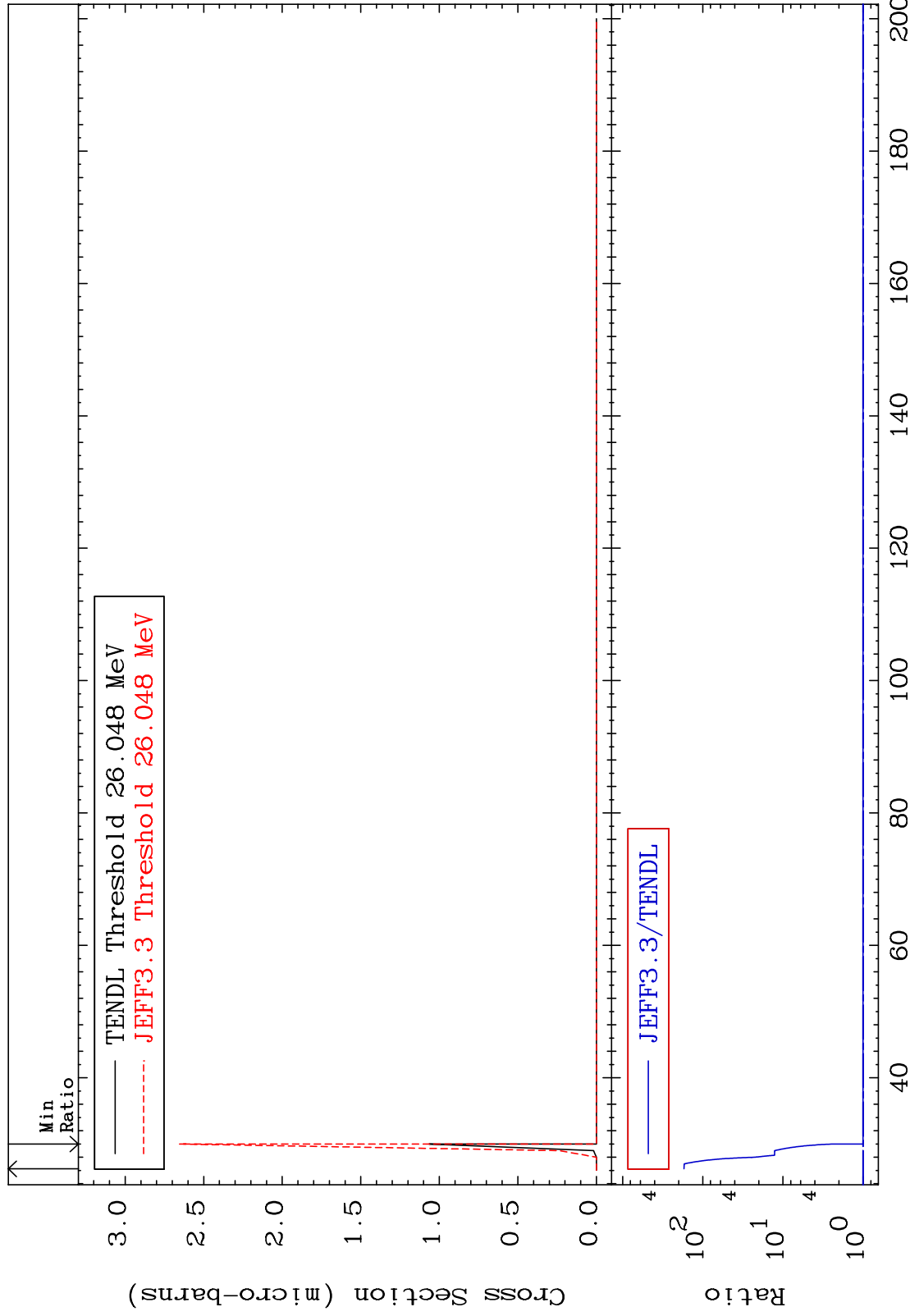
36-Kr-82

MAT 3637

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

36-Kr-82

Radionuclide Production Cross Section 0.000 To 9999. %

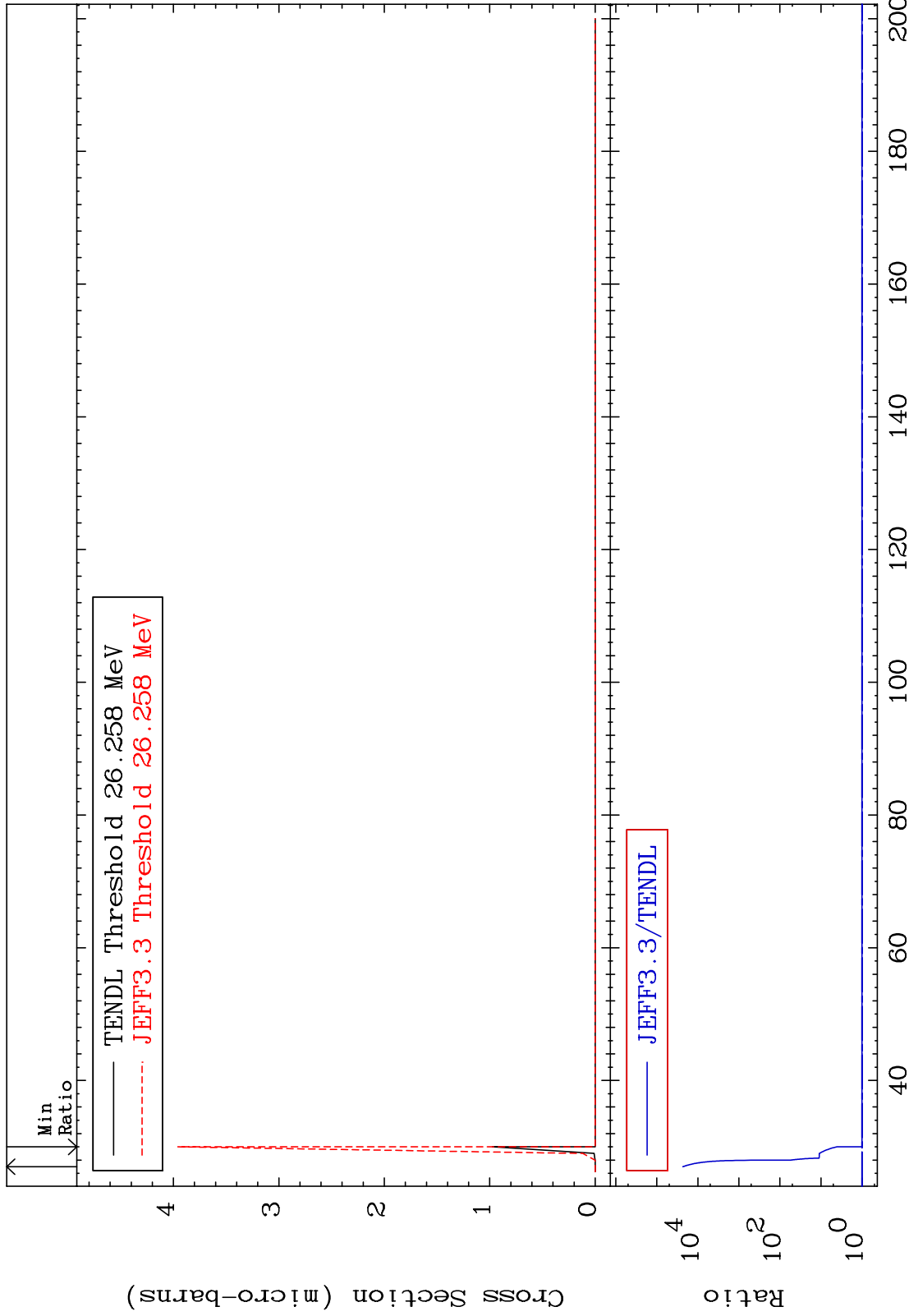


MAT 3637

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

36-Kr-82

Radionuclide Production Cross Section 0.000 To 9999. %

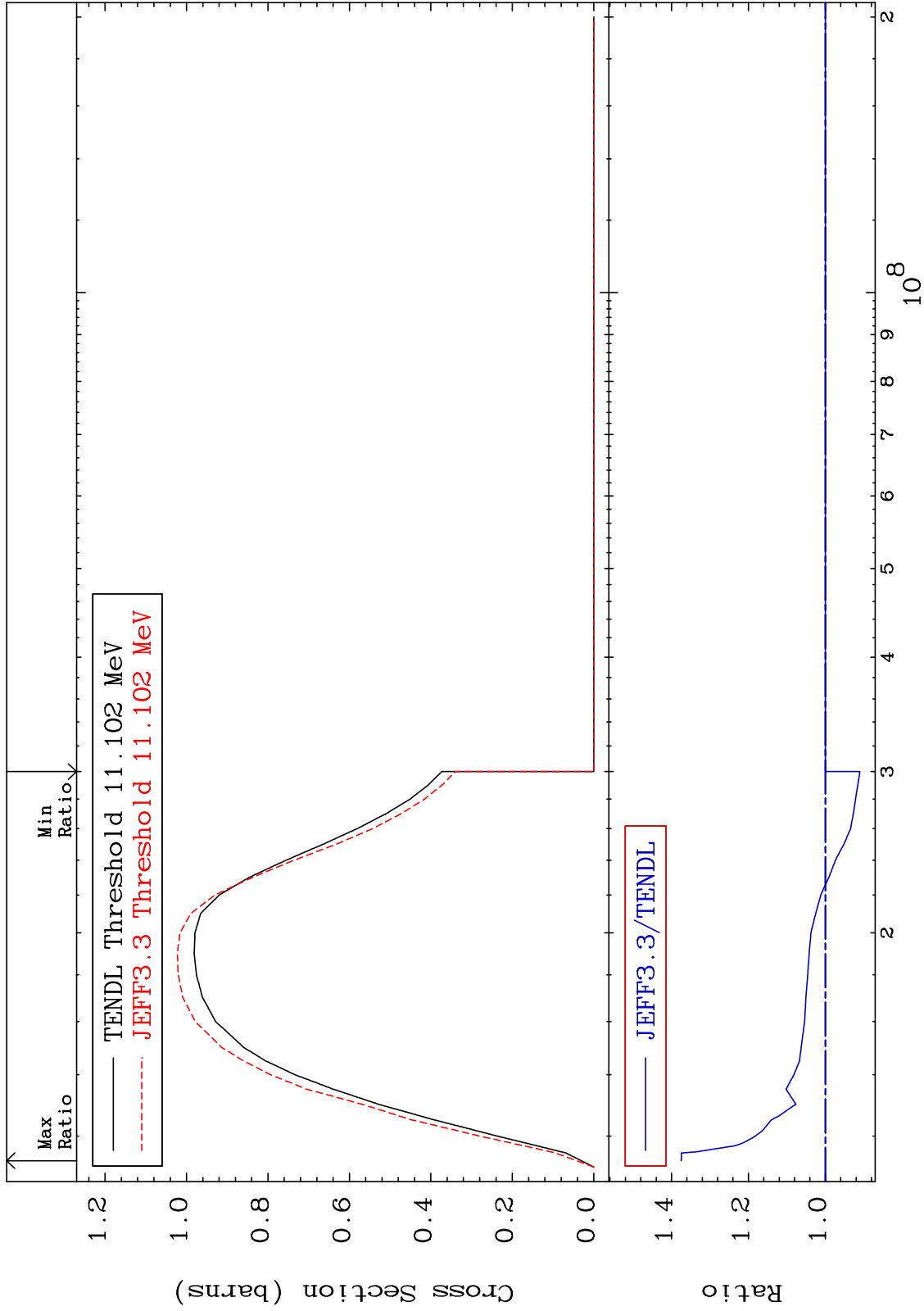


80

Incident Energy (MeV)

36-Kr-82

Radionuclide Production Cross Section -9.006 To 37.48 %

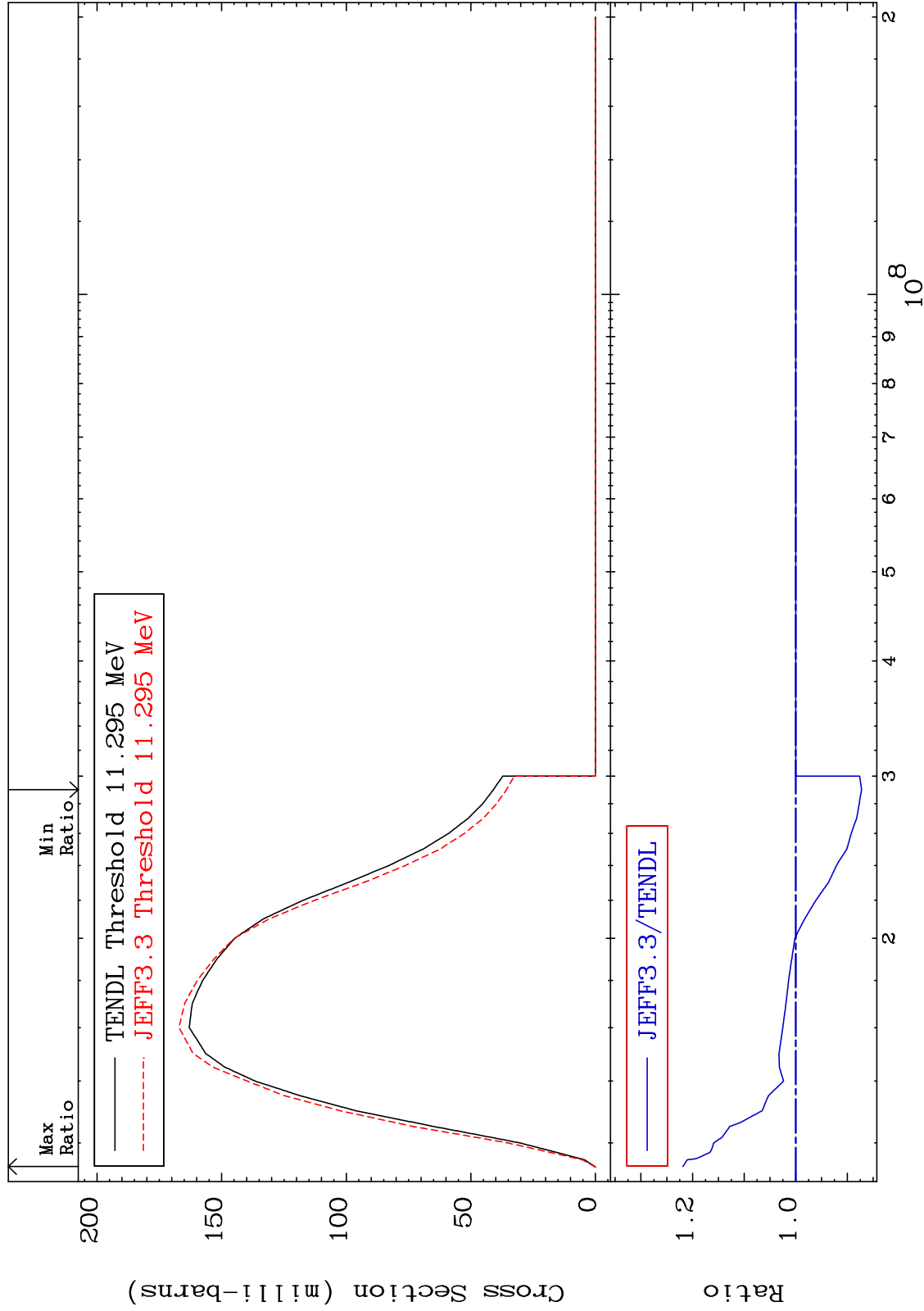


MAT 3637

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

36-Kr-82

Radionuclide Production Cross Section -12.76 To 21.88 %



82

Incident Energy (eV)

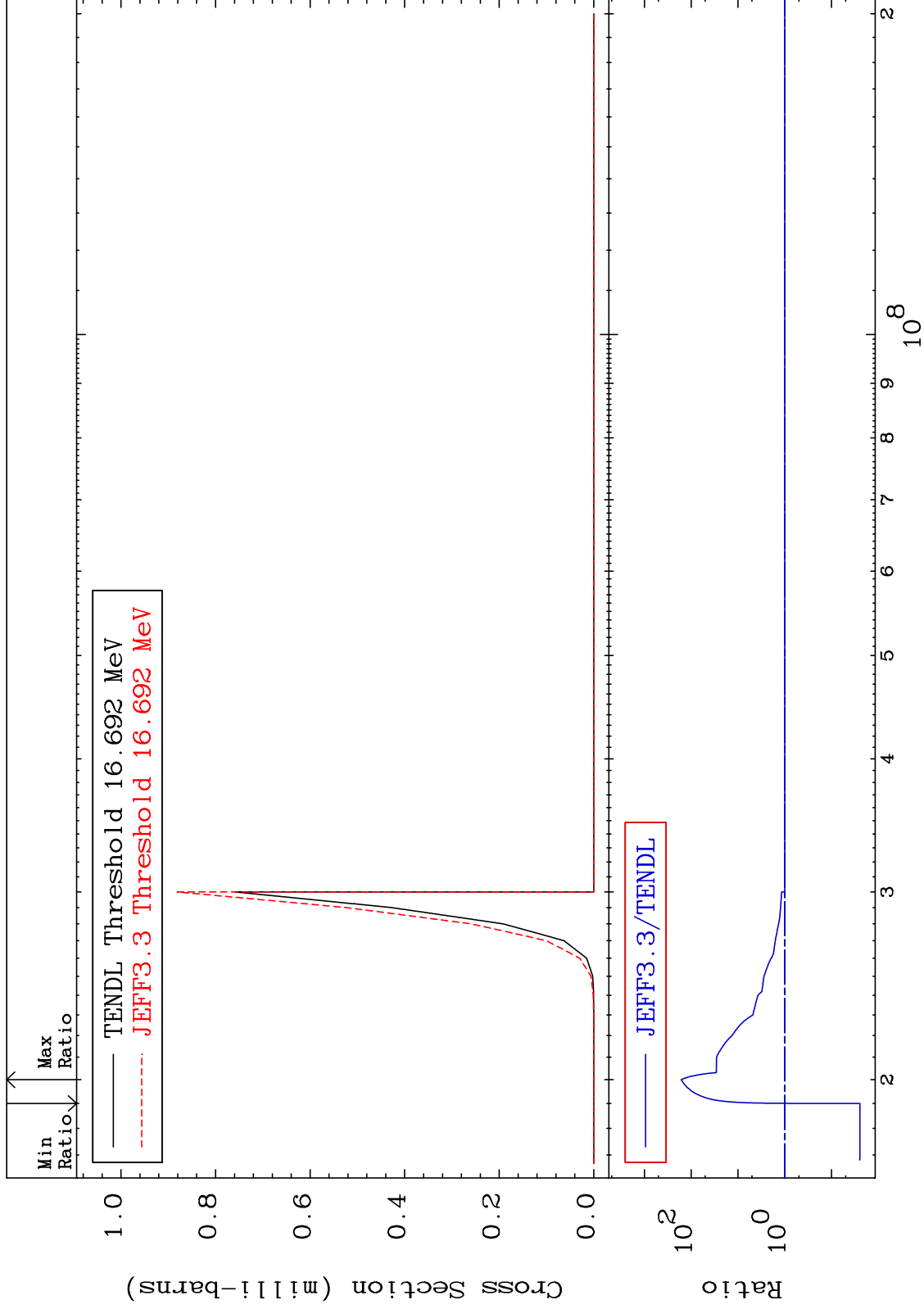
36-Kr-82

MAT 3637

(n,2n) α :34-Se-77g

36-Kr-82

Radionuclide Production Cross Section -97.53 To 9999. %

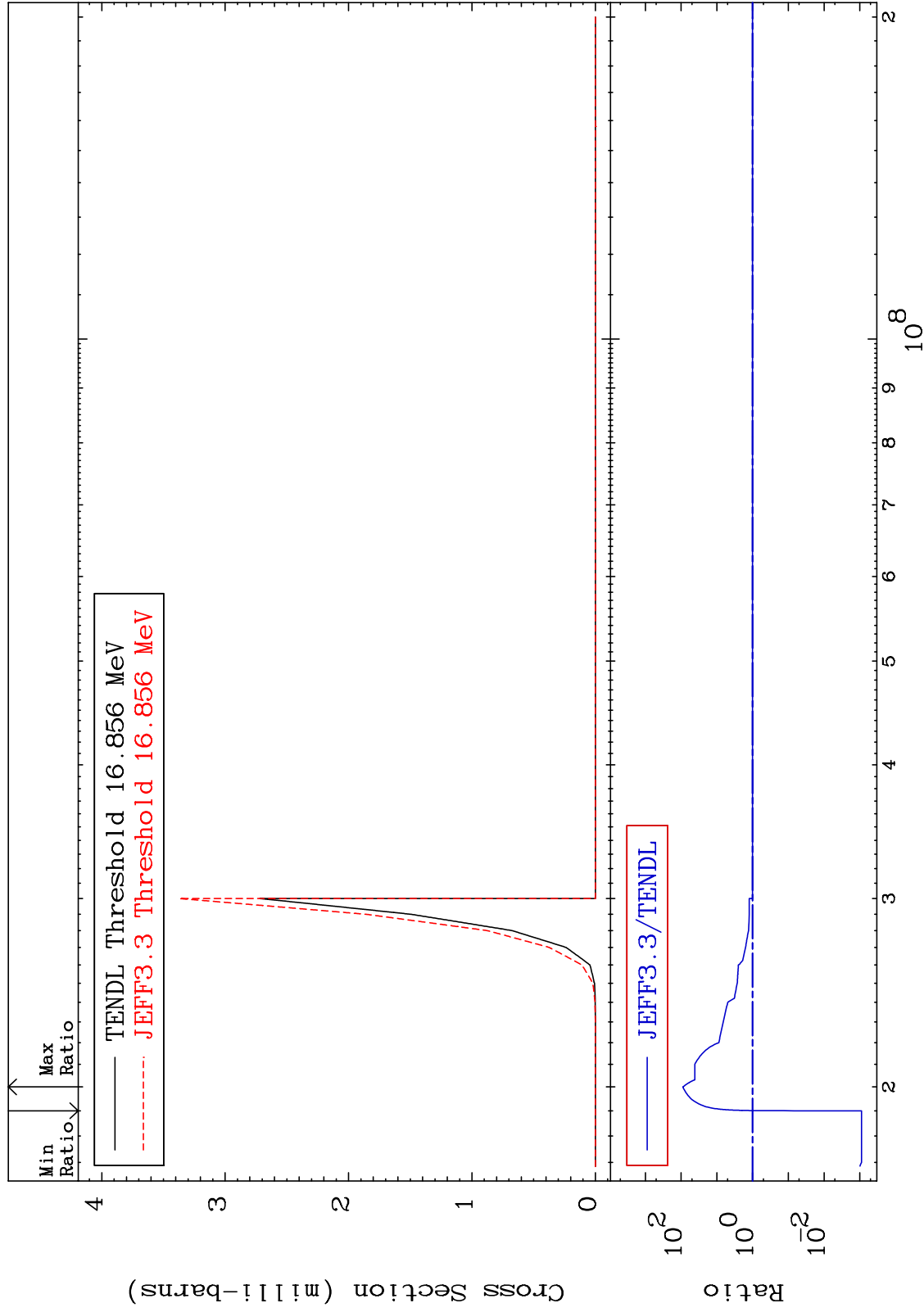


MAT 3637

(n,2n) α :34-Se-77m1

36-Kr-82

Radionuclide Production Cross Section -99.91 To 8828. %

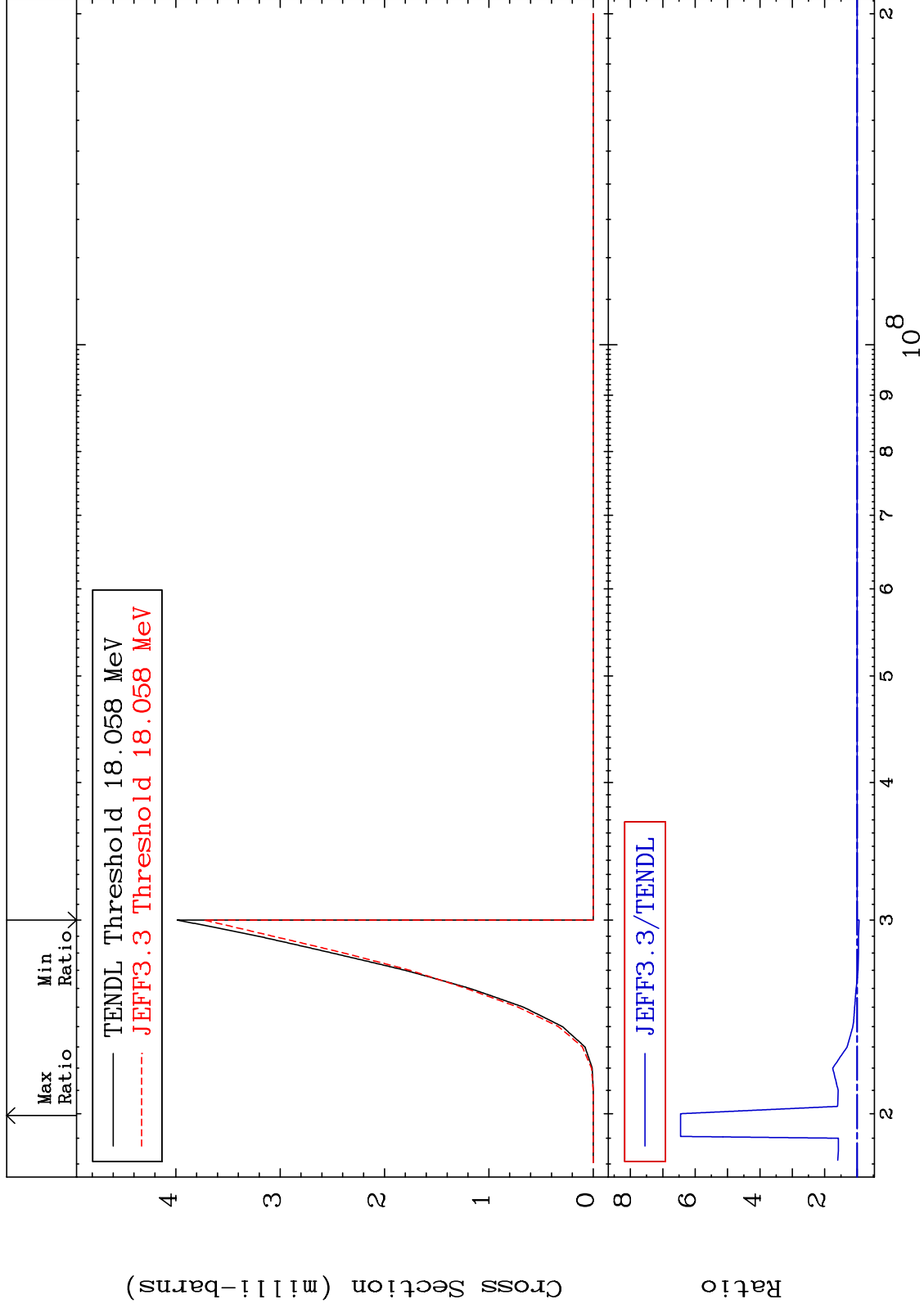


MAT 3637

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

36-Kr-82

Radionuclide Production Cross Section -6.375 To 545.0 %



85

Incident Energy (eV)

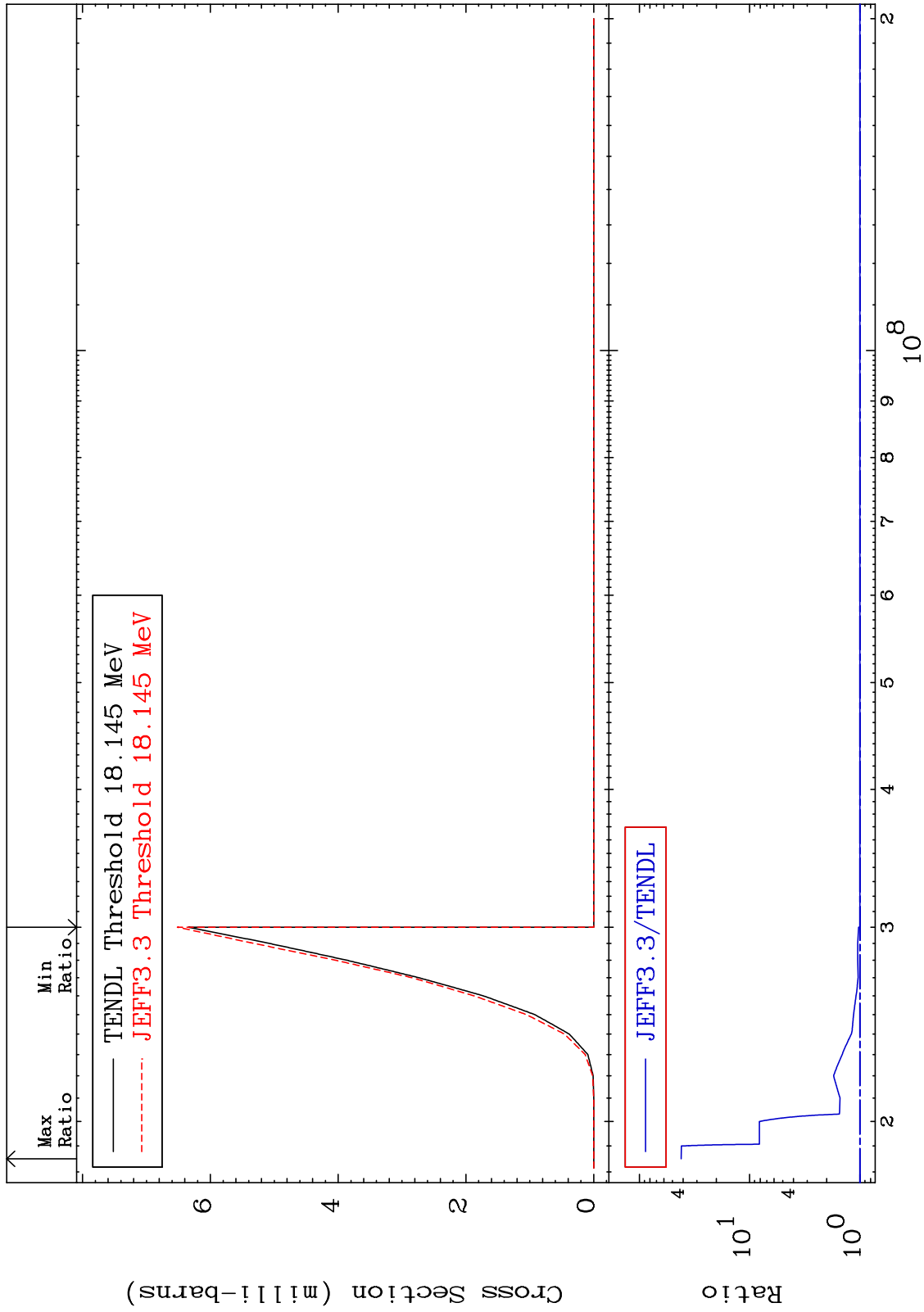
36-Kr-82

MAT 3637

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

36-Kr-82

Radionuclide Production Cross Section 0.000 To 4069. %

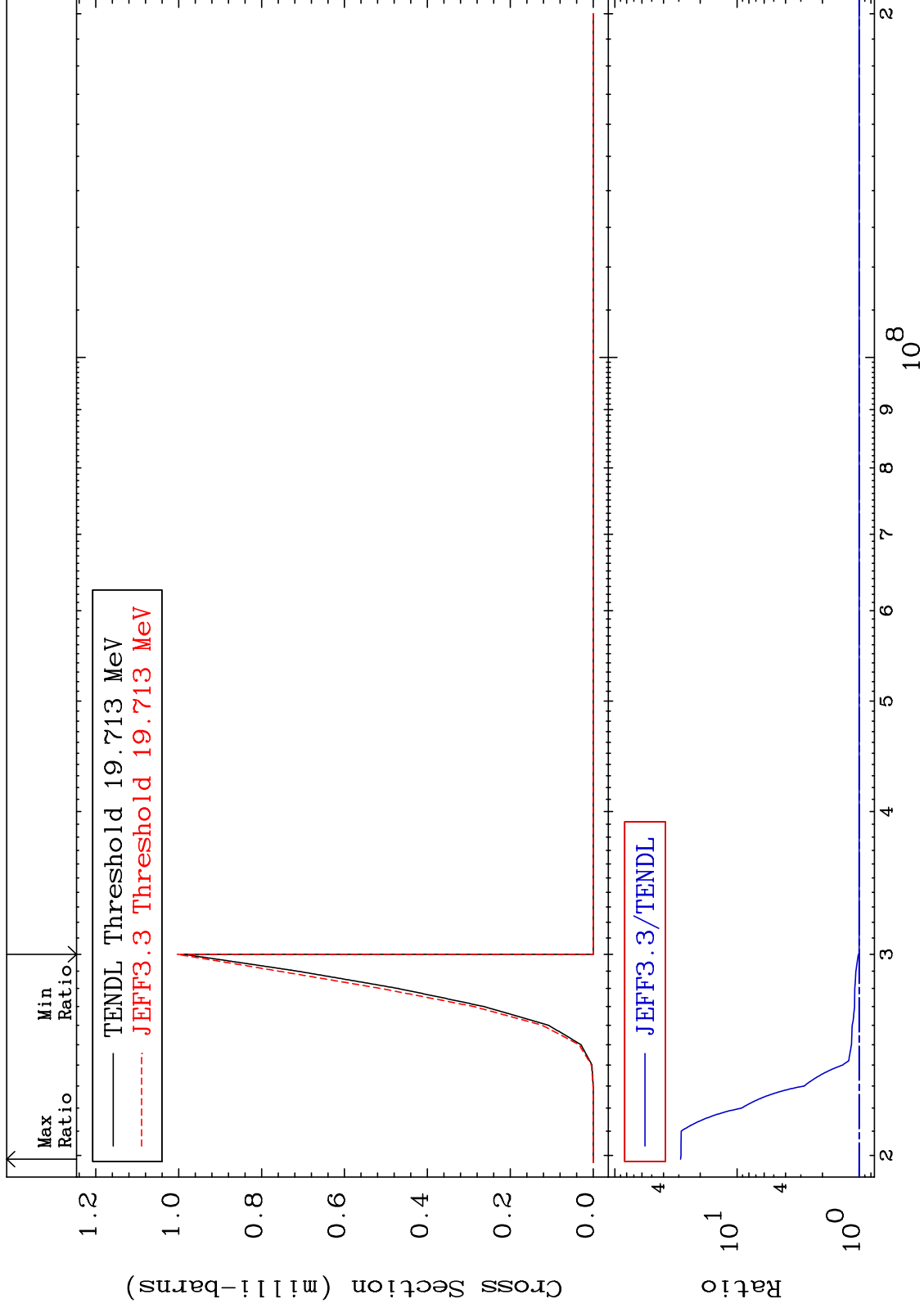


MAT 3637

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

36-Kr-82

Radionuclide Production Cross Section 0.000 To 2796. %



87

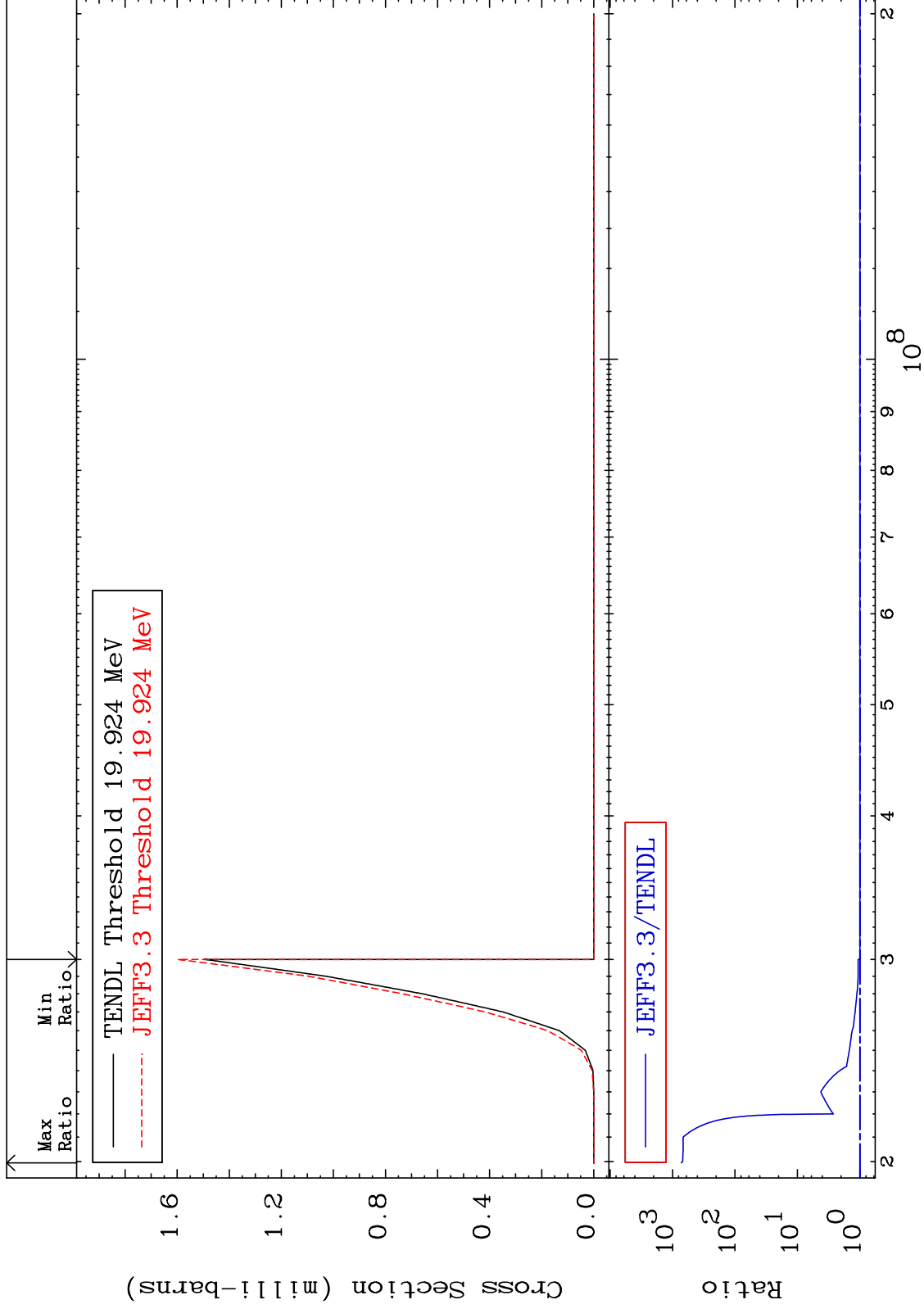
36-Kr-82

MAT 3637

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

36-Kr-82

Radionuclide Production Cross Section 0.000 To 9999. %

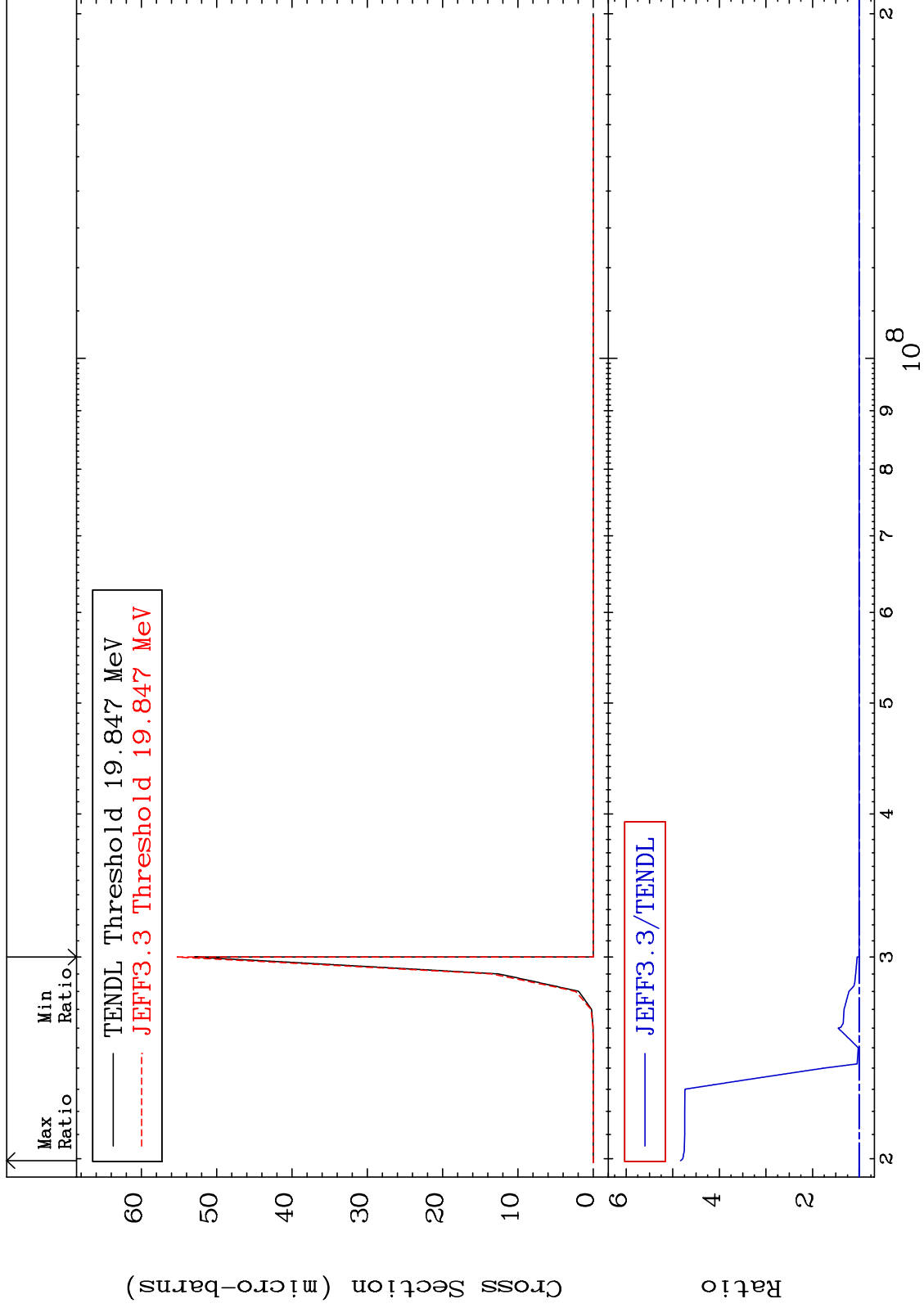


MAT 3637

36-Kr-82

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

Radionuclide Production Cross Section 0.000 To 383.2 %



89

Incident Energy (eV)

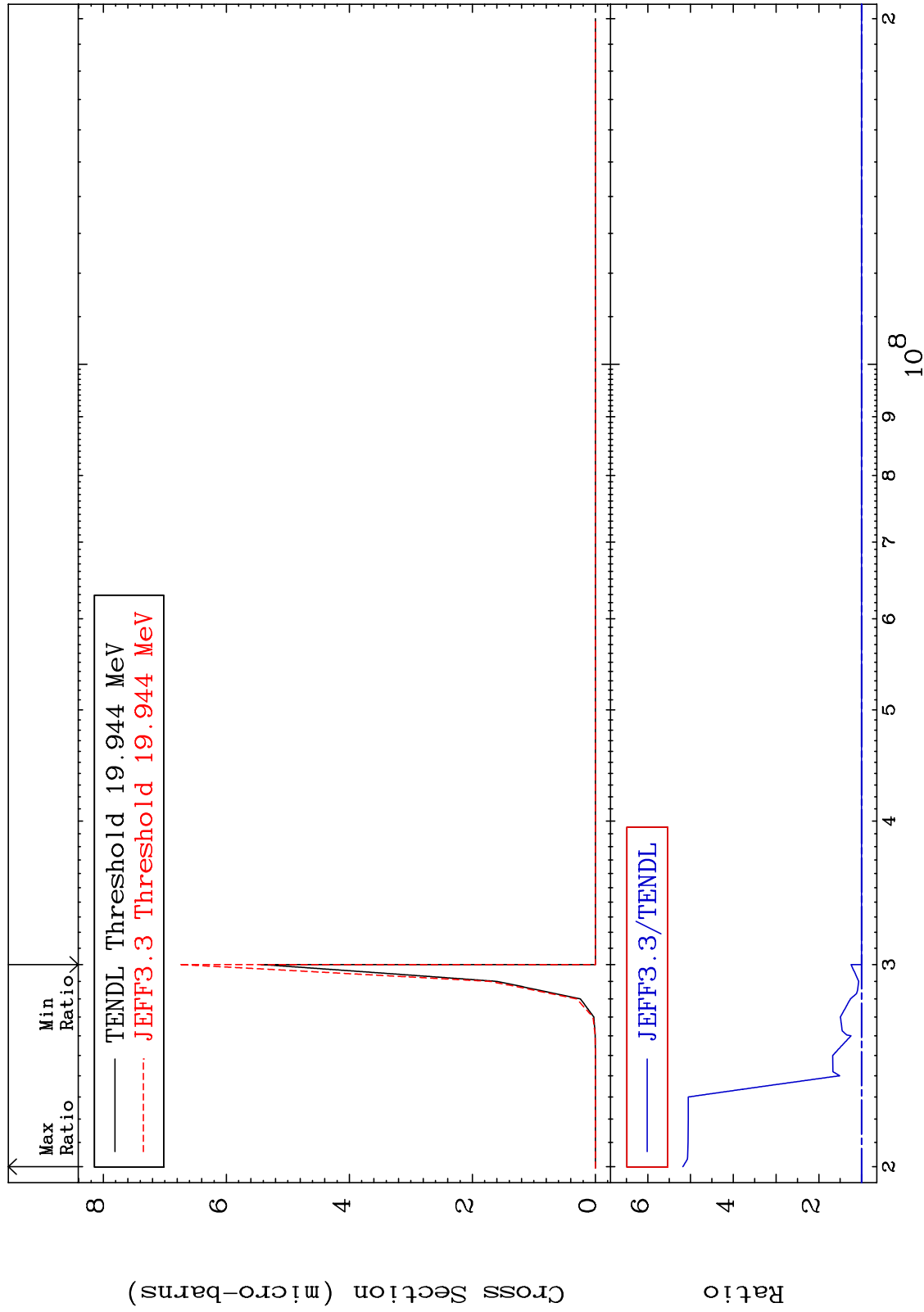
36-Kr-82

MAT 3637

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

36-Kr-82

Radionuclide Production Cross Section 0.000 To 417.9 %



90

36-Kr-82

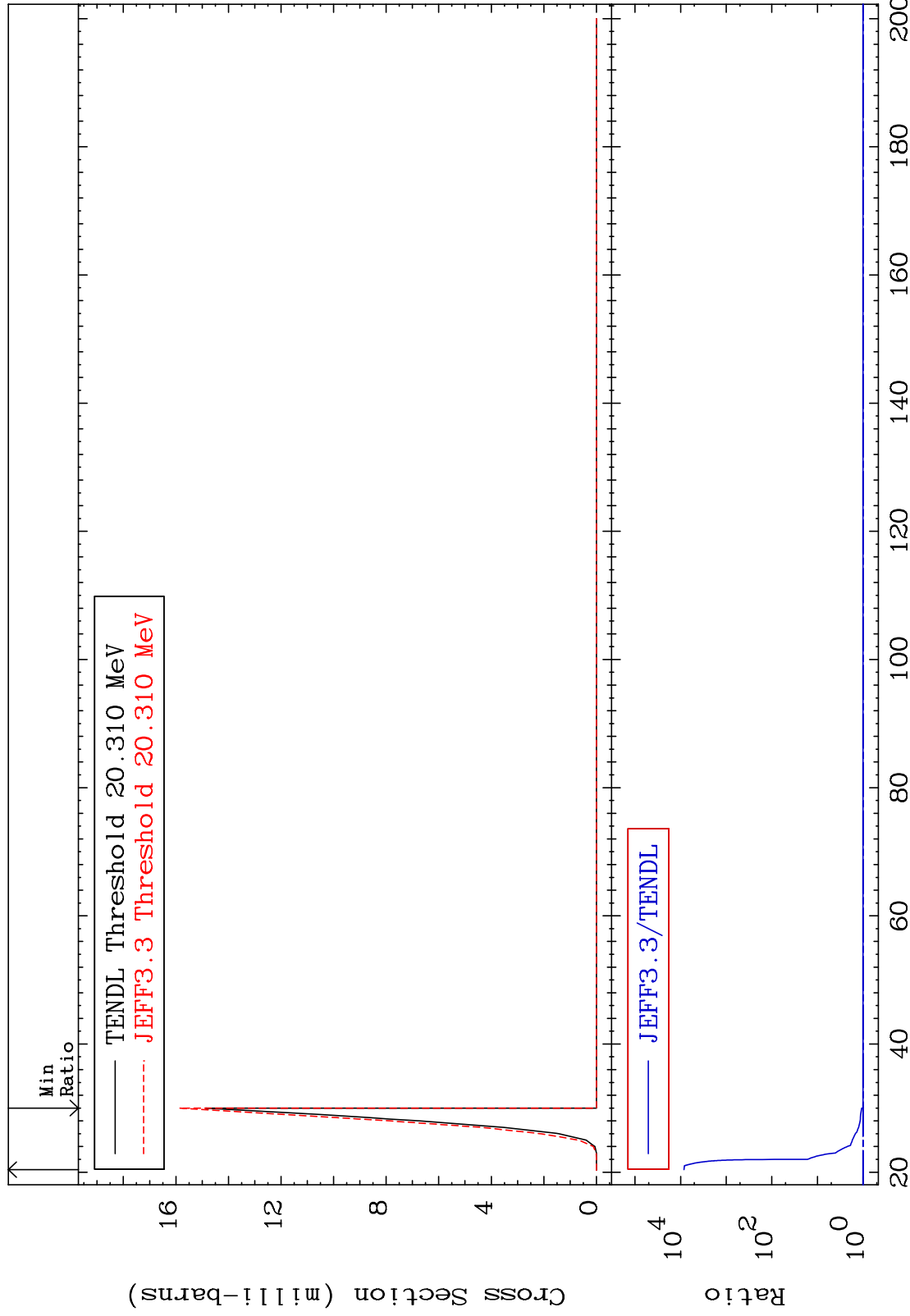
36-Kr-82

MAT 3637

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

36-Kr-82

Radionuclide Production Cross Section 0.000 To 9999. %



91

Incident Energy (MeV)

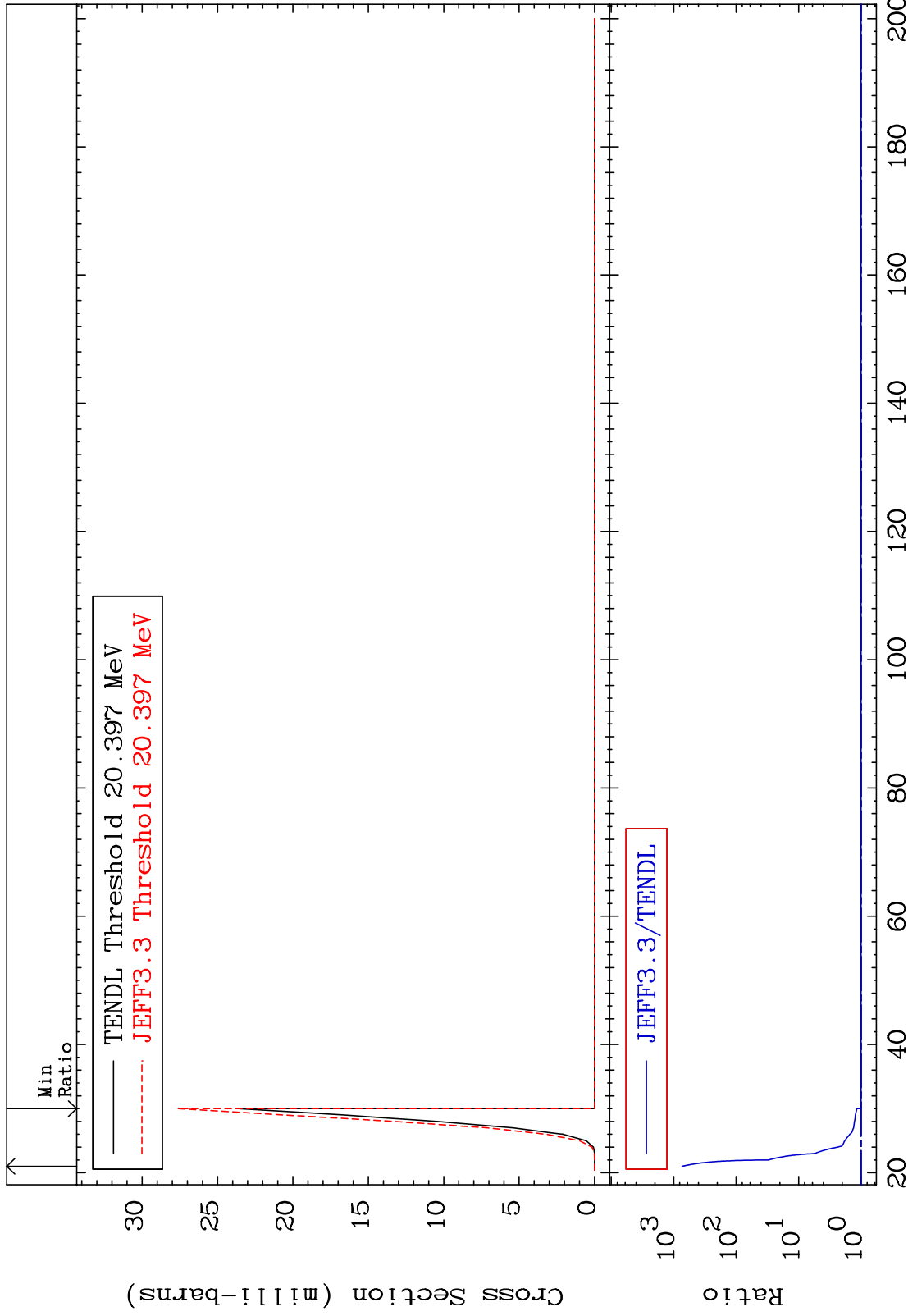
36-Kr-82

MAT 3637

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

36-Kr-82

Radionuclide Production Cross Section 0.000 To 9999. %

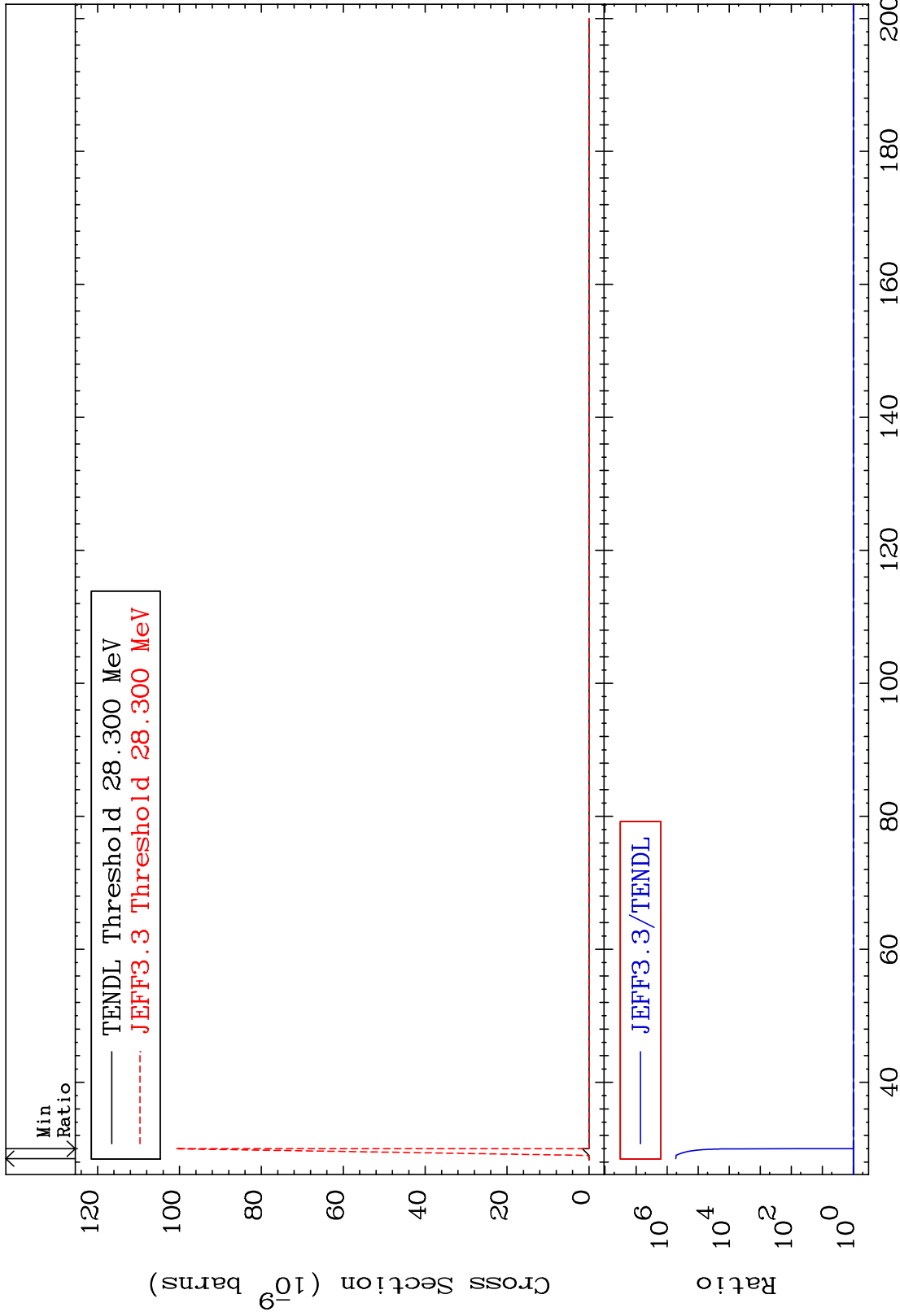


92

Incident Energy (MeV)

36-Kr-82

Radionuclide Production Cross Section 0.000 To 9999. %

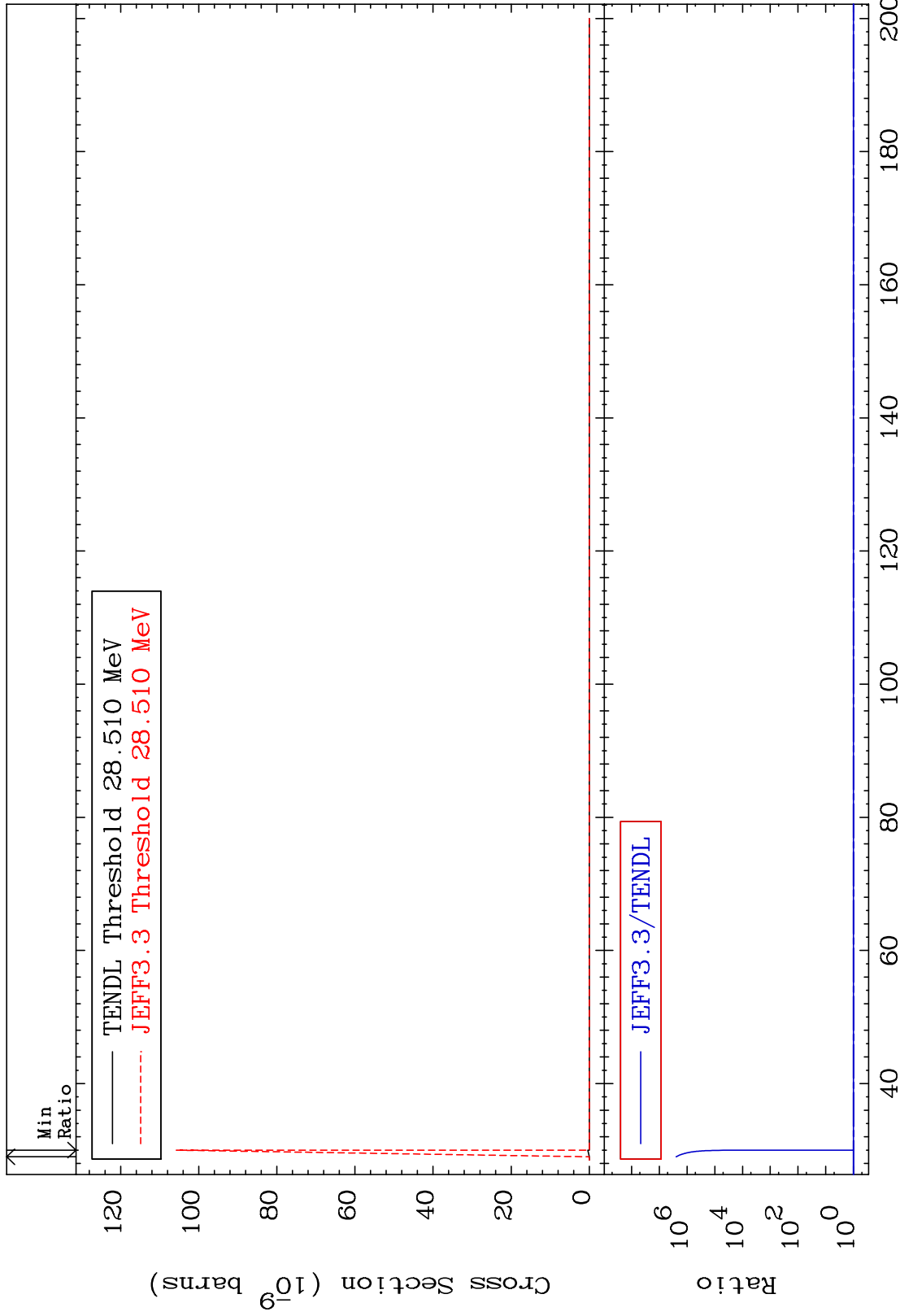


MAT 3637

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

36-Kr-82

Radionuclide Production Cross Section 0.000 To 9999. %

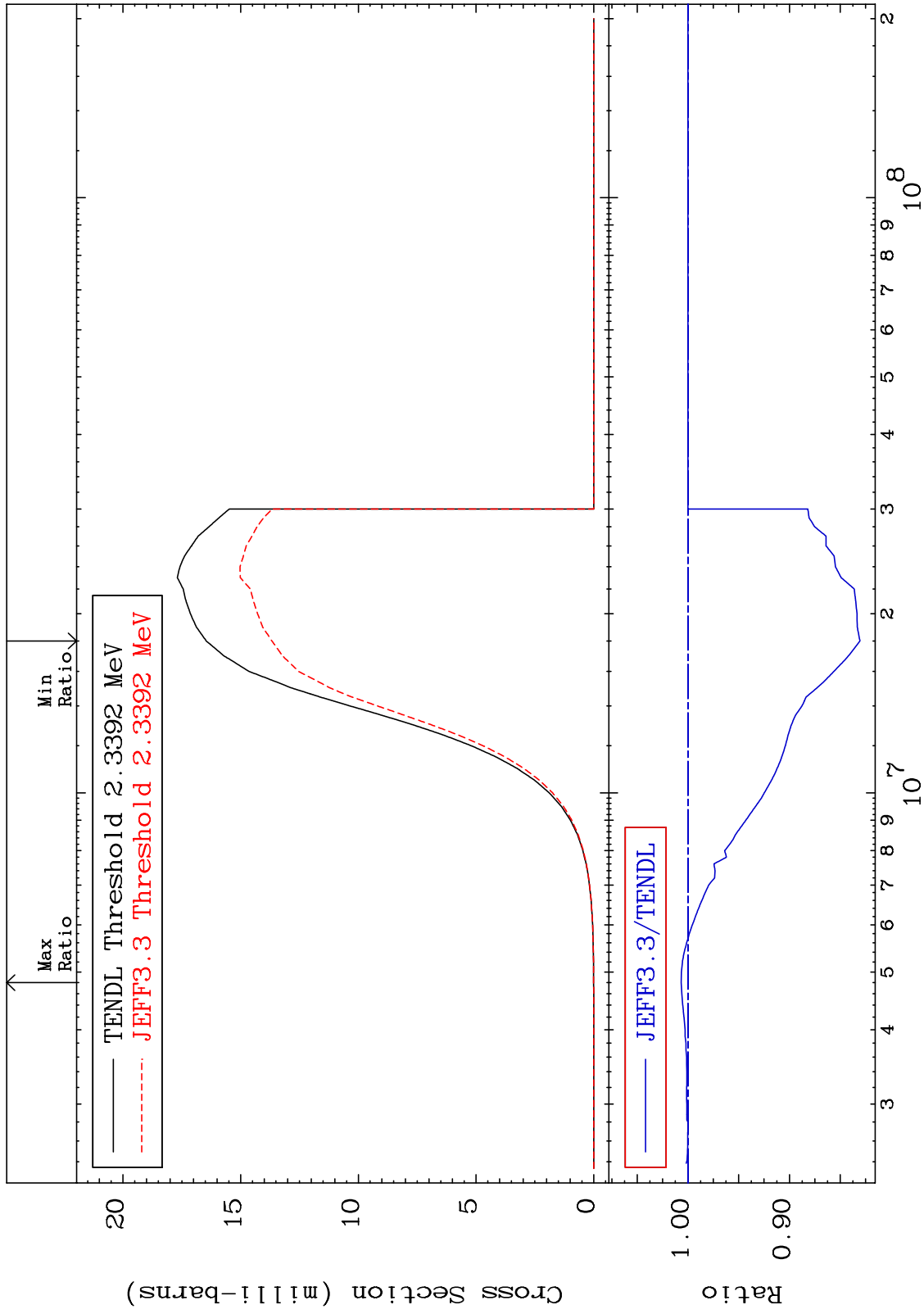


MAT 3637

(n, p) : 35-Br-82g

36-Kr-82

Radionuclide Production Cross Section -16.95 To 0.670 %



95

Incident Energy (eV)

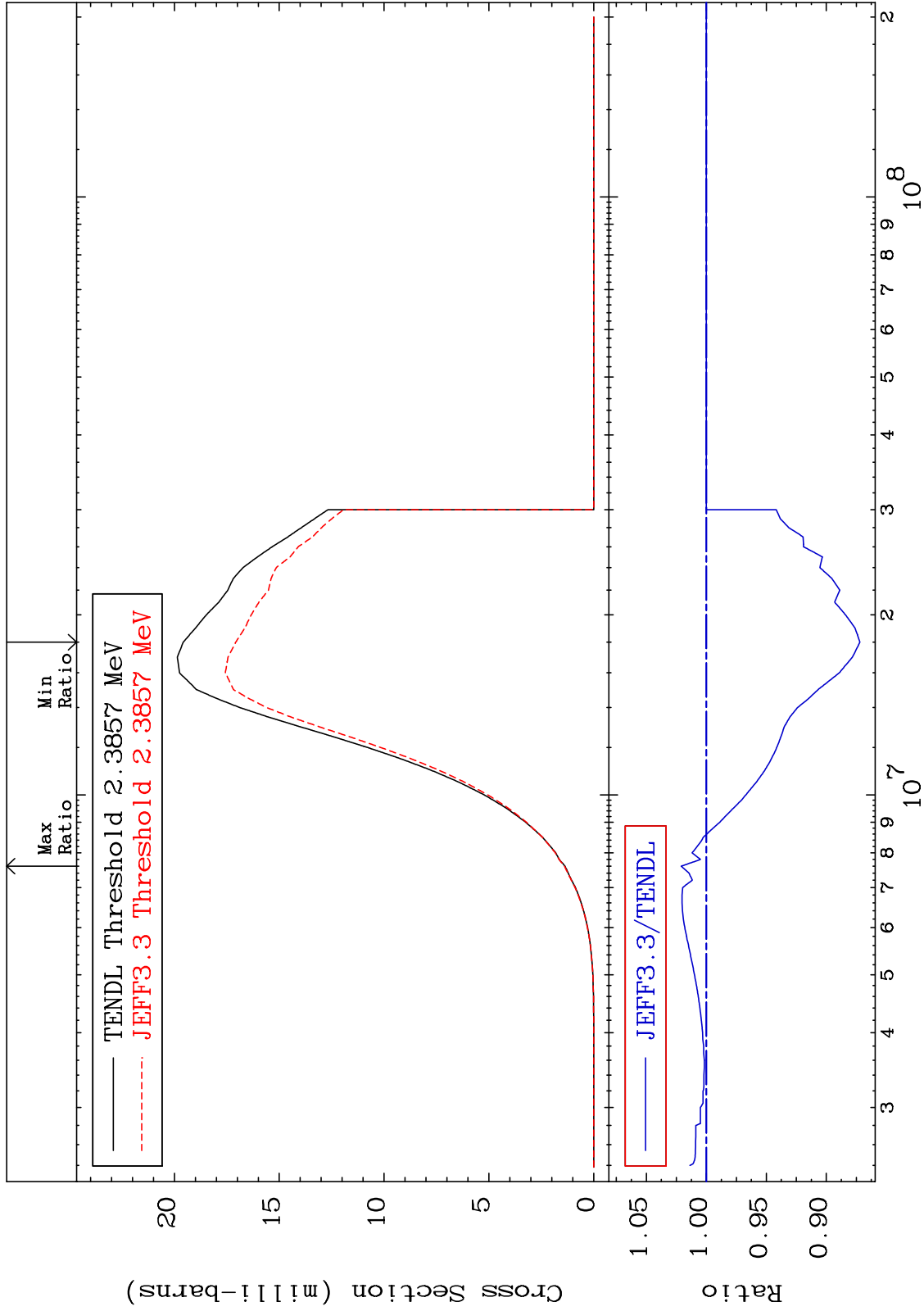
36-Kr-82

MAT 3637

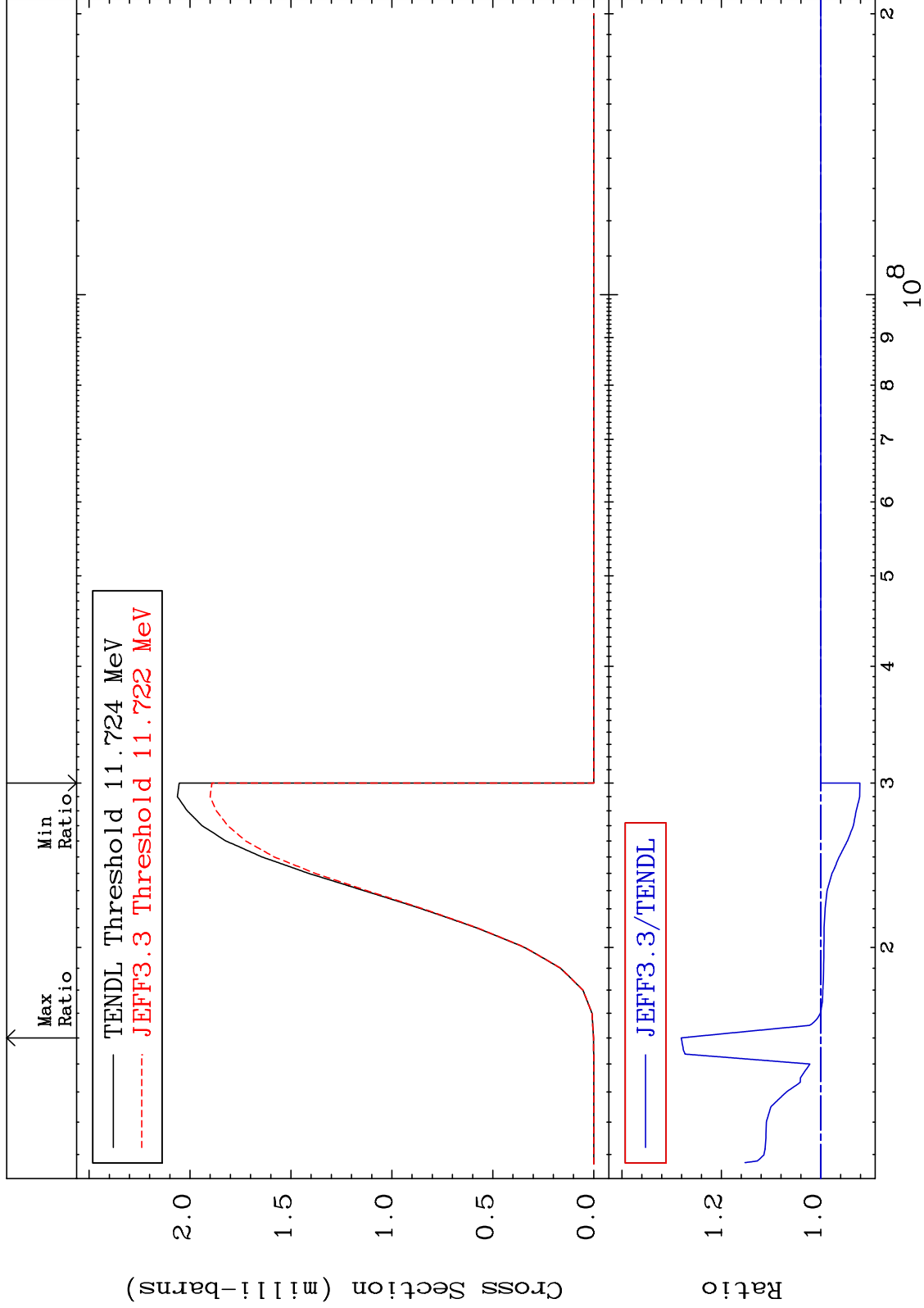
(n, p) : 35-Br-82m1

36-Kr-82

Radionuclide Production Cross Section -12.80 To 2.093 %



Radionuclide Production Cross Section -7.898 To 28.06 %

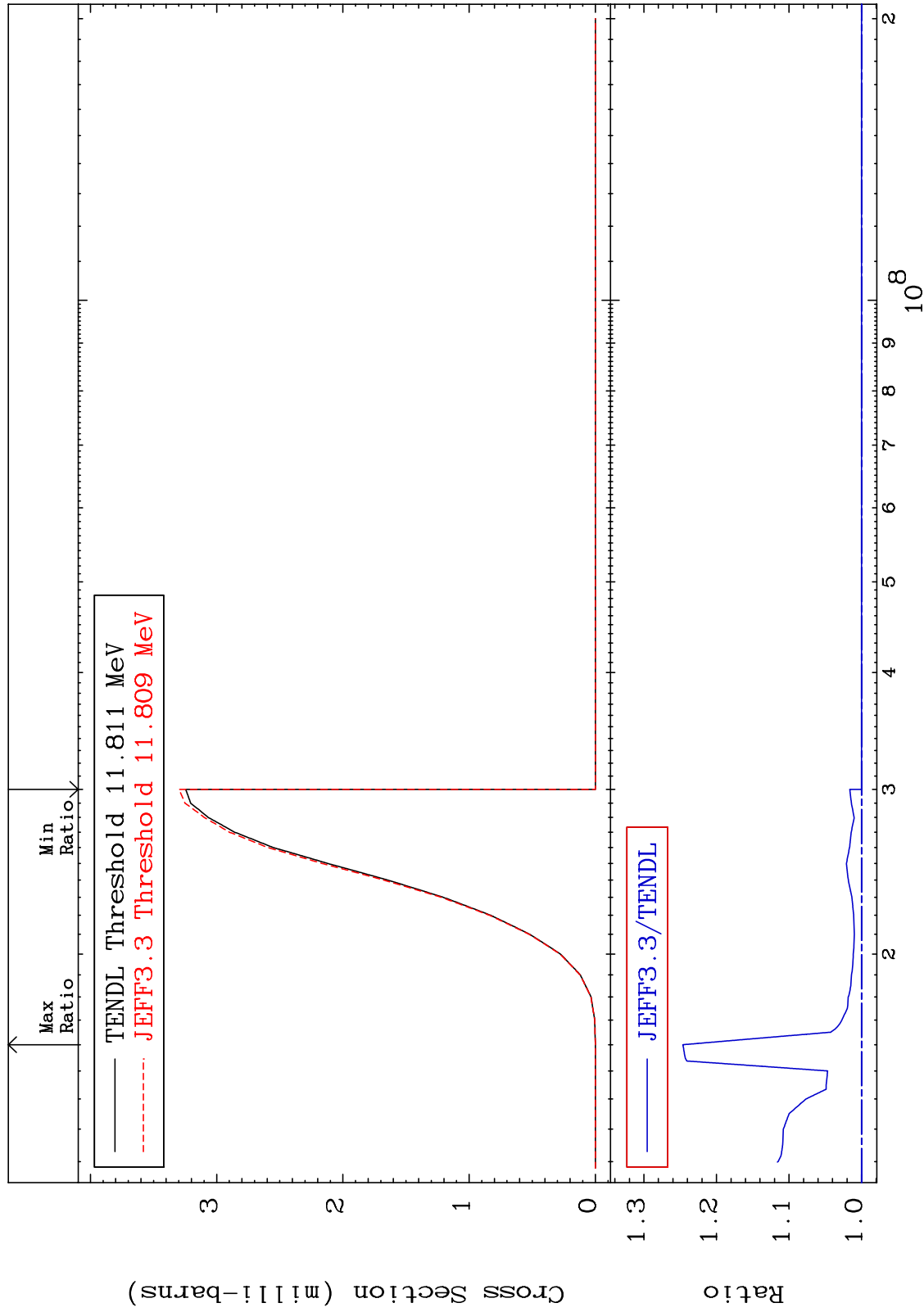


MAT 3637

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

36-Kr-82

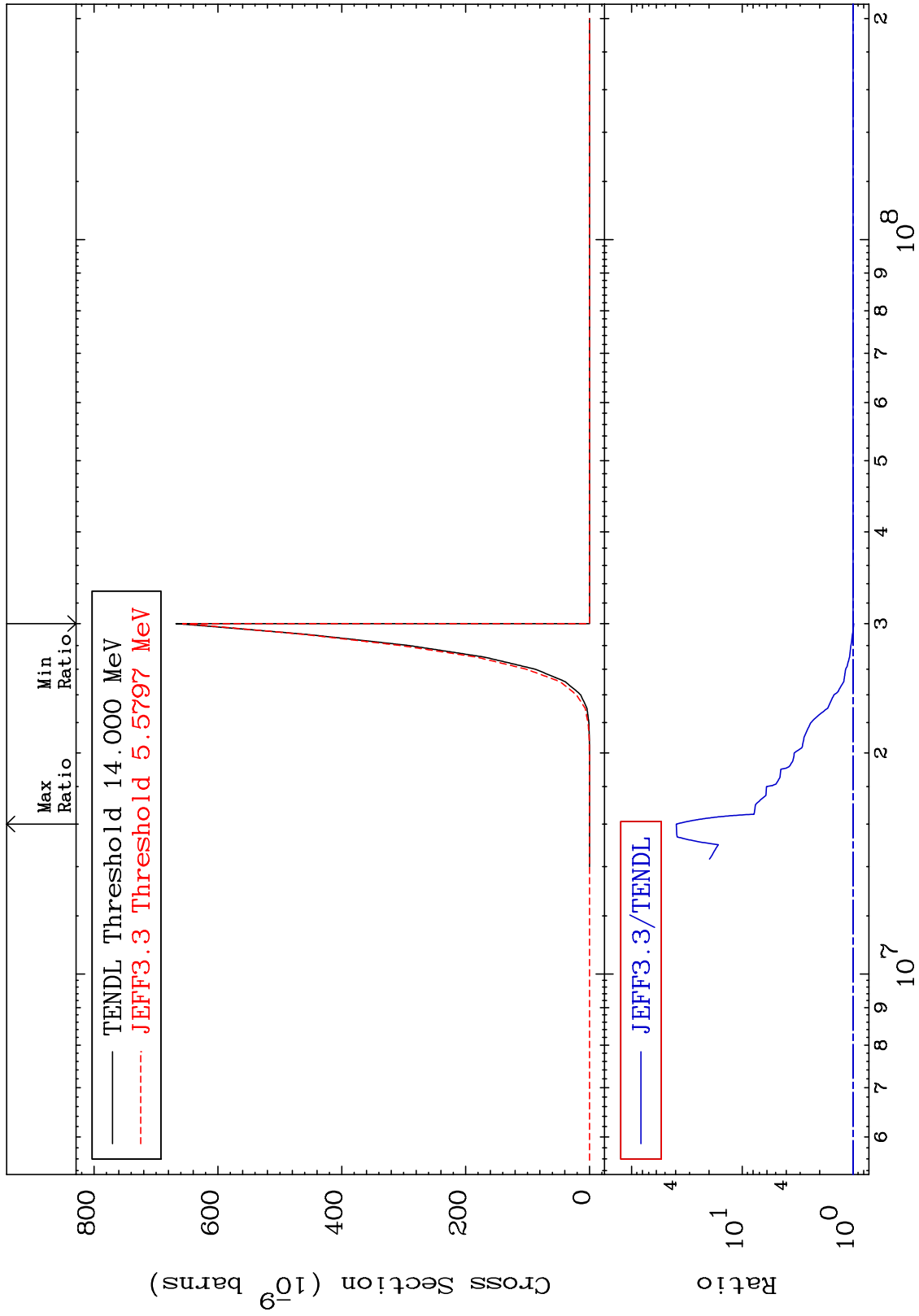
Radionuclide Production Cross Section 0.000 To 24.63 %



MAT 3637

36-Kr-82

(n,2α) : 32-Ge-75g
Radionuclide Production Cross Section -1.617 To 3847. %



99

36-Kr-82

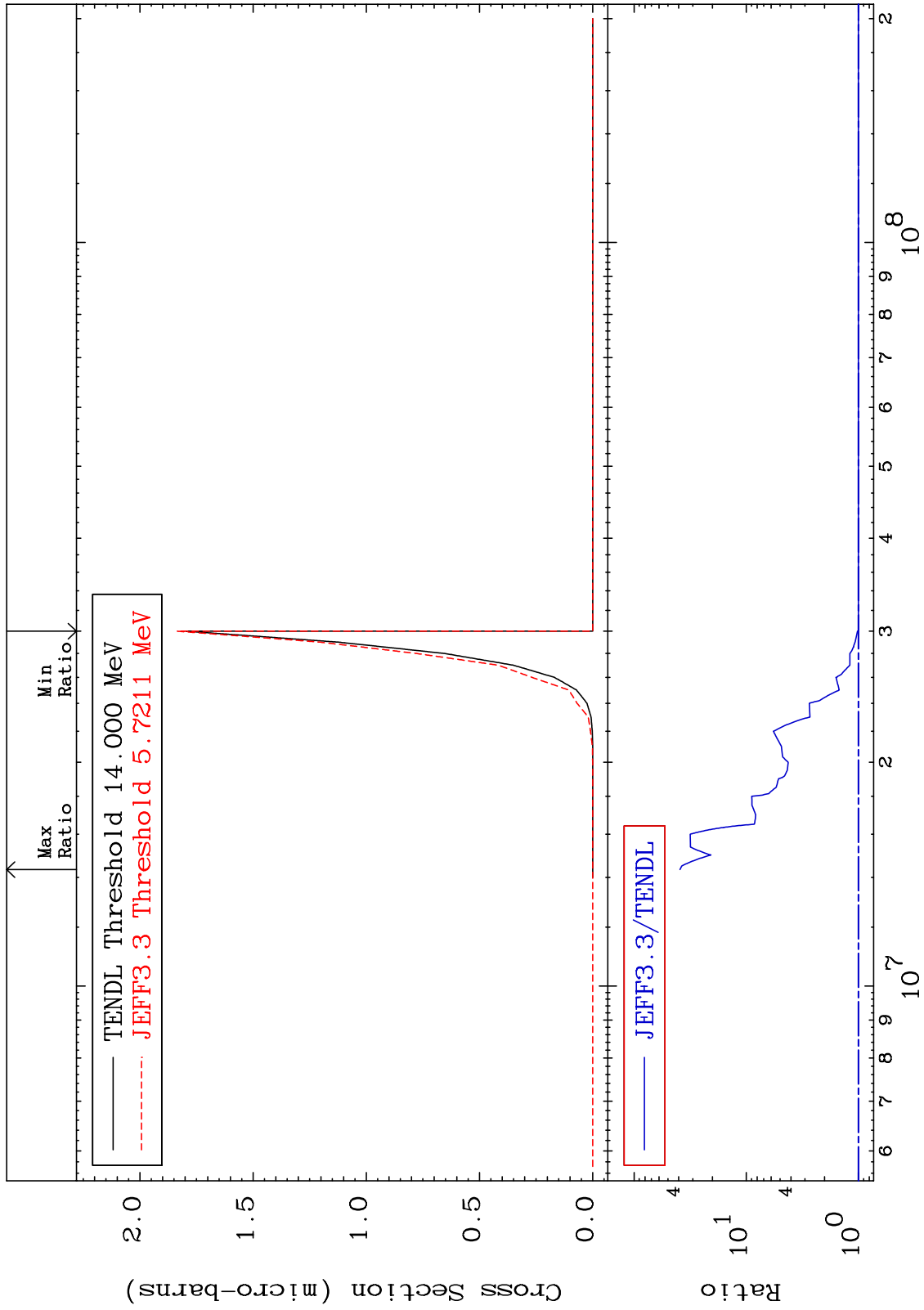
36-Kr-82

MAT 3637

(n, 2α) : 32-Ge-75m2

36-Kr-82

Radionuclide Production Cross Section 0.000 To 3796. %

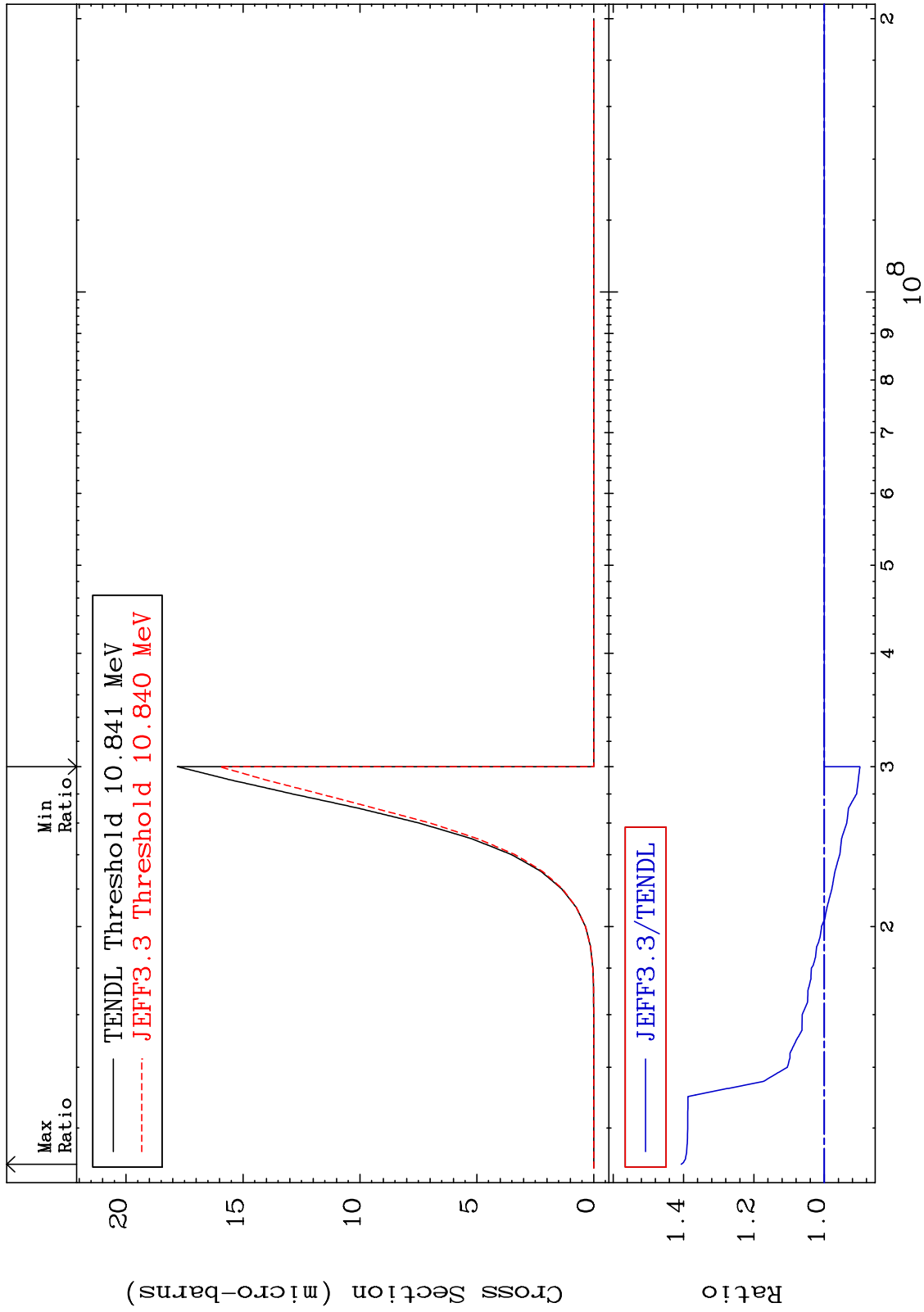


100

Incident Energy (eV)

36-Kr-82

(n,2p):34-Se-81g
Radionuclide Production Cross Section -10.12 To 40.65 %



Radionuclide Production Cross Section -7.239 To 36.39 %

