

Program Complot
(Version 2018-1)

by

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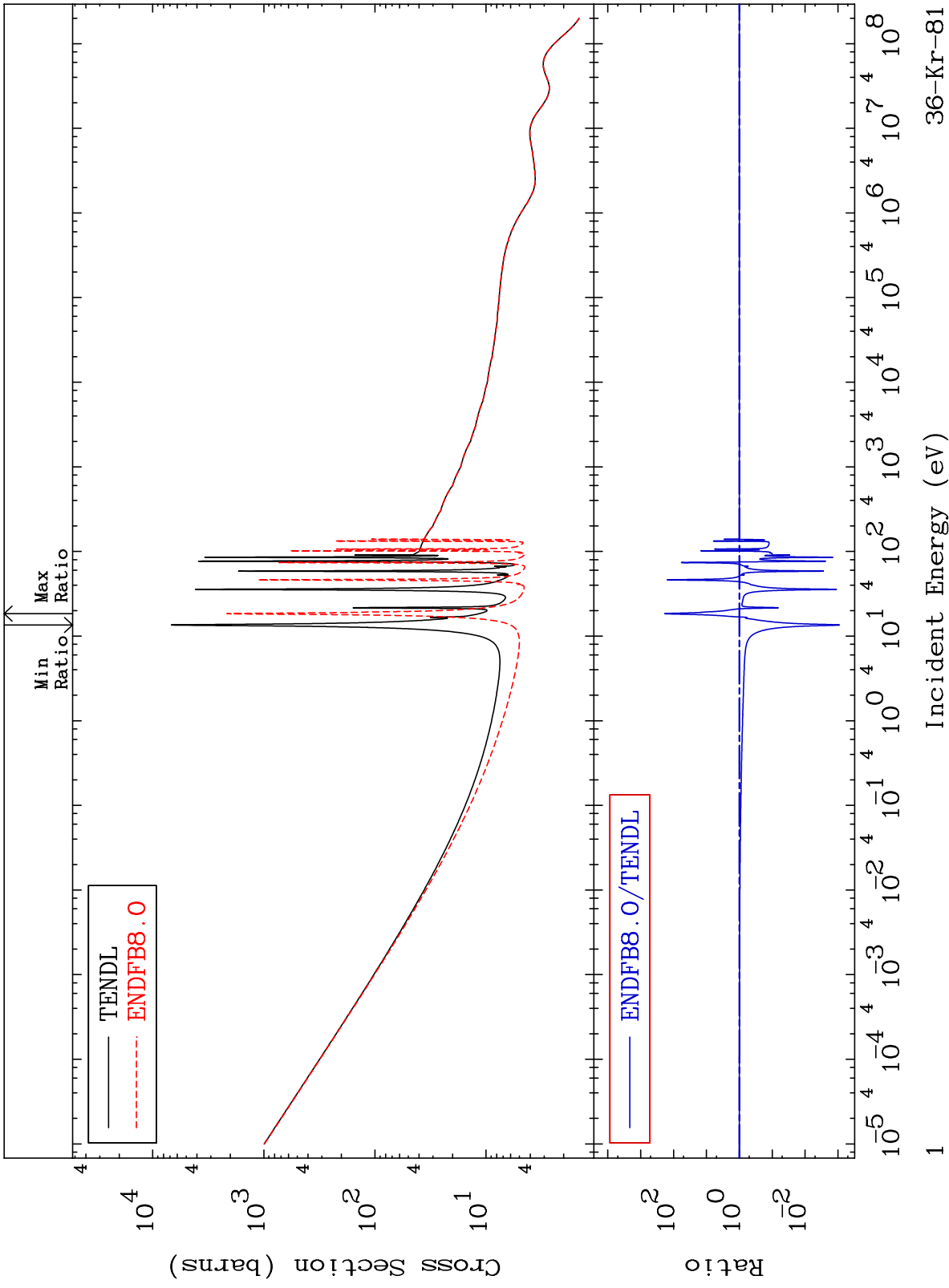
Press Mouse Button to Start

MAT 3634

Total
Cross Section

36-Kr-81

-99.91 To 9999. %



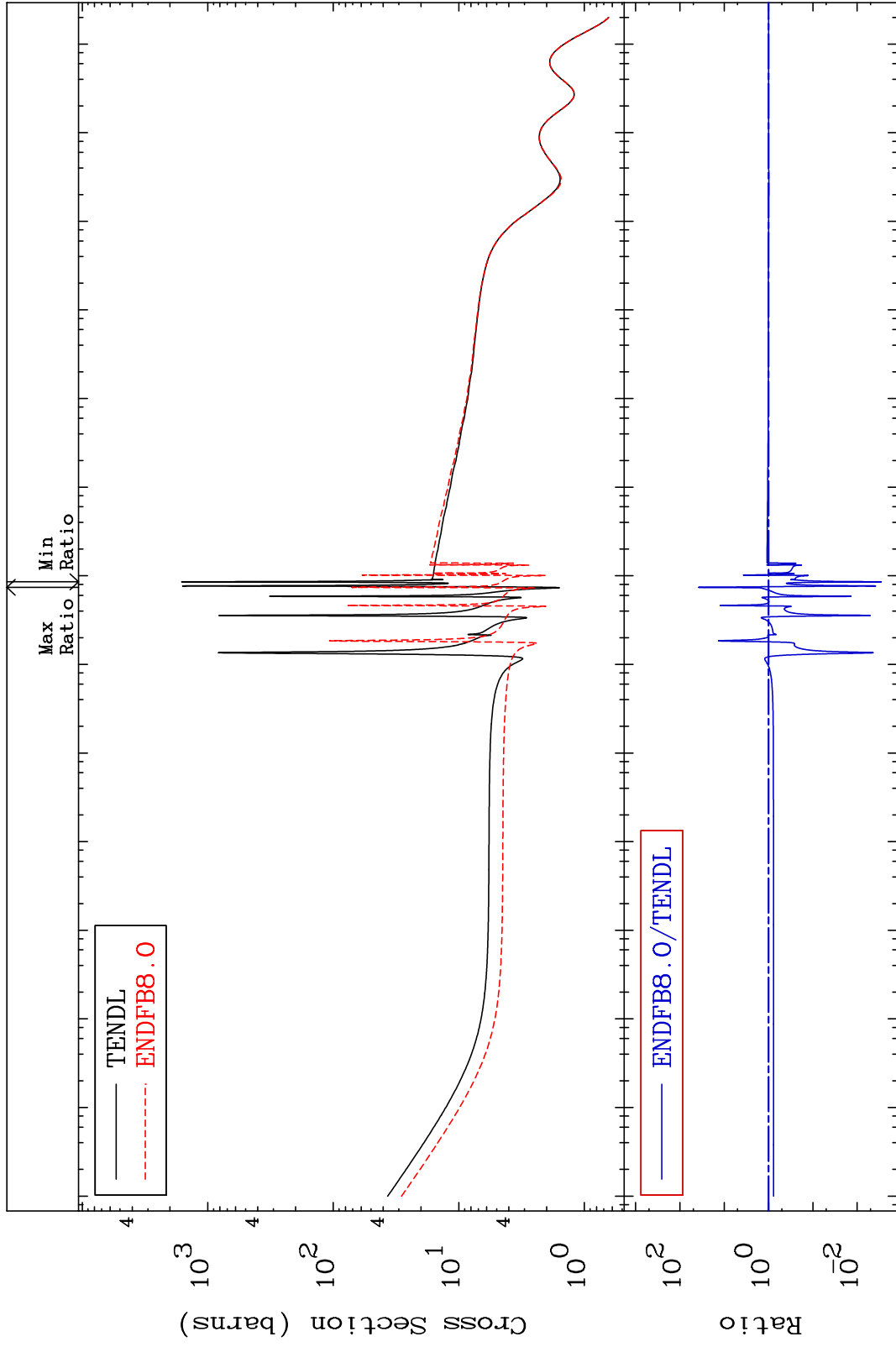
MAT 3634

Elastic

36-Kr-81

Cross Section

-99.72 To 3738. %



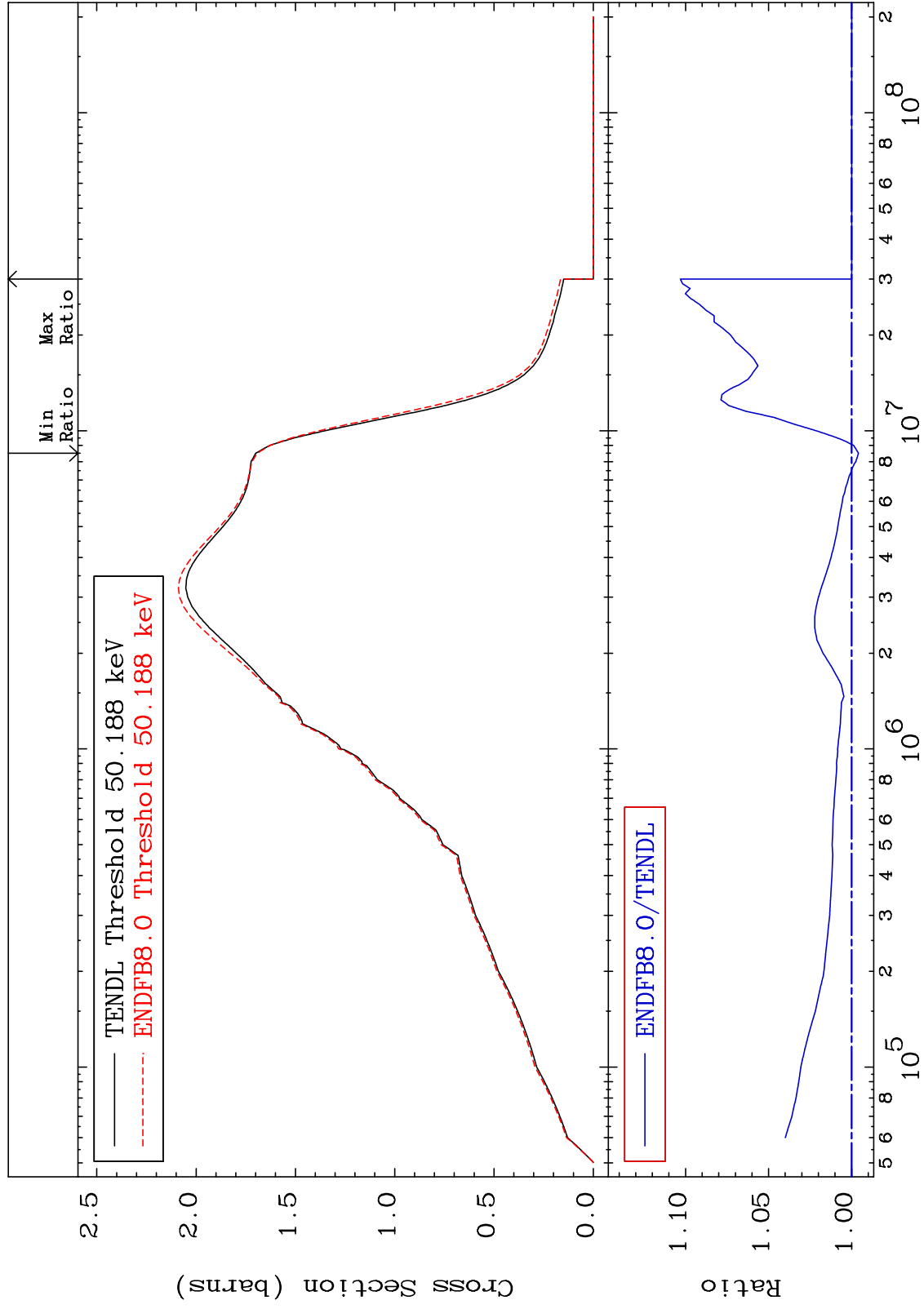
— TENDL
- - - ENDFB8.0

— ENDFB8.0/TENDL

MAT 3634

Inelastic
Cross Section

36-Kr-81
-0.414 To 10.31 %



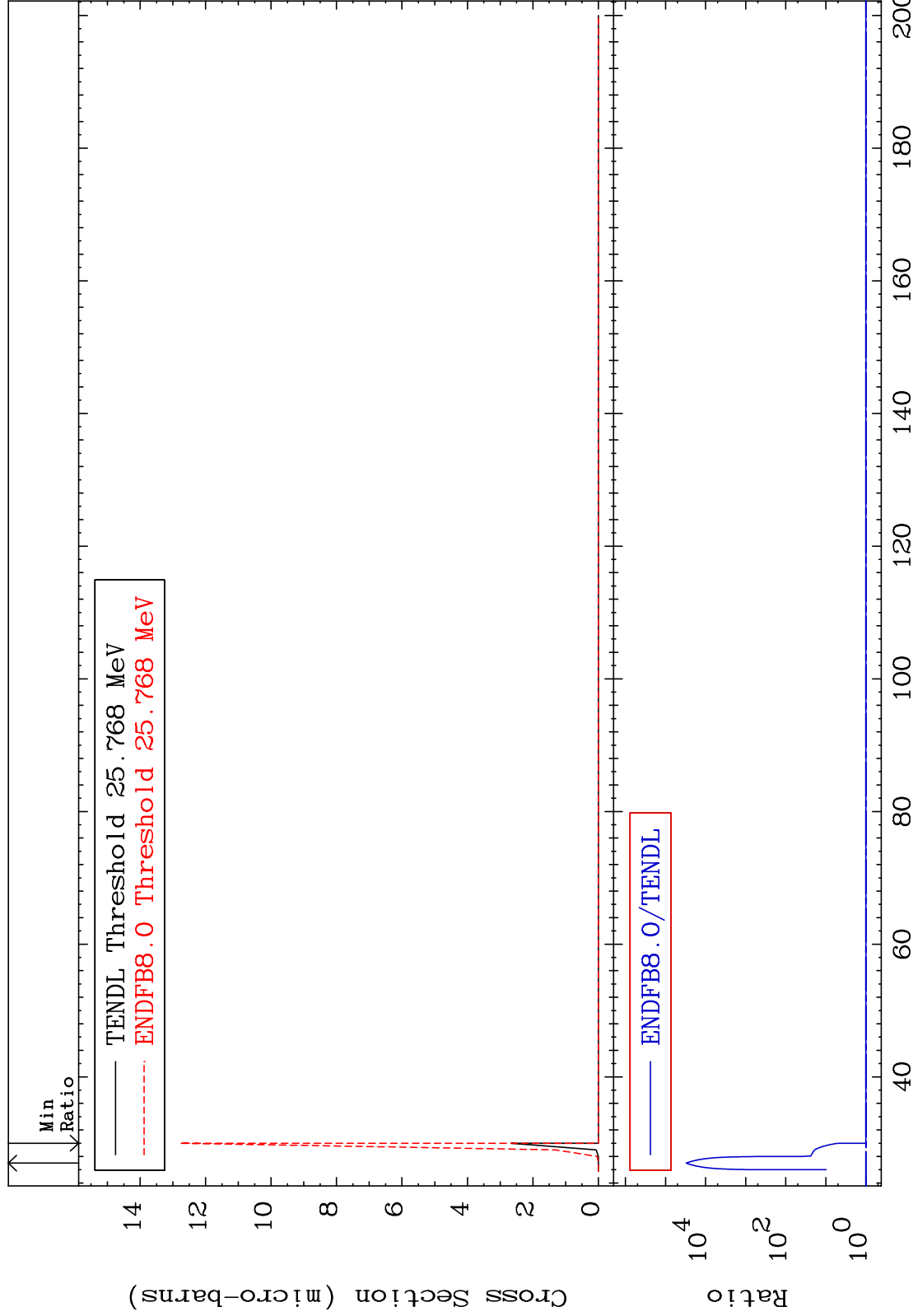
MAT 3634

(n,2n) d

³⁶Kr-81

Cross Section

0.000 To 9999. %



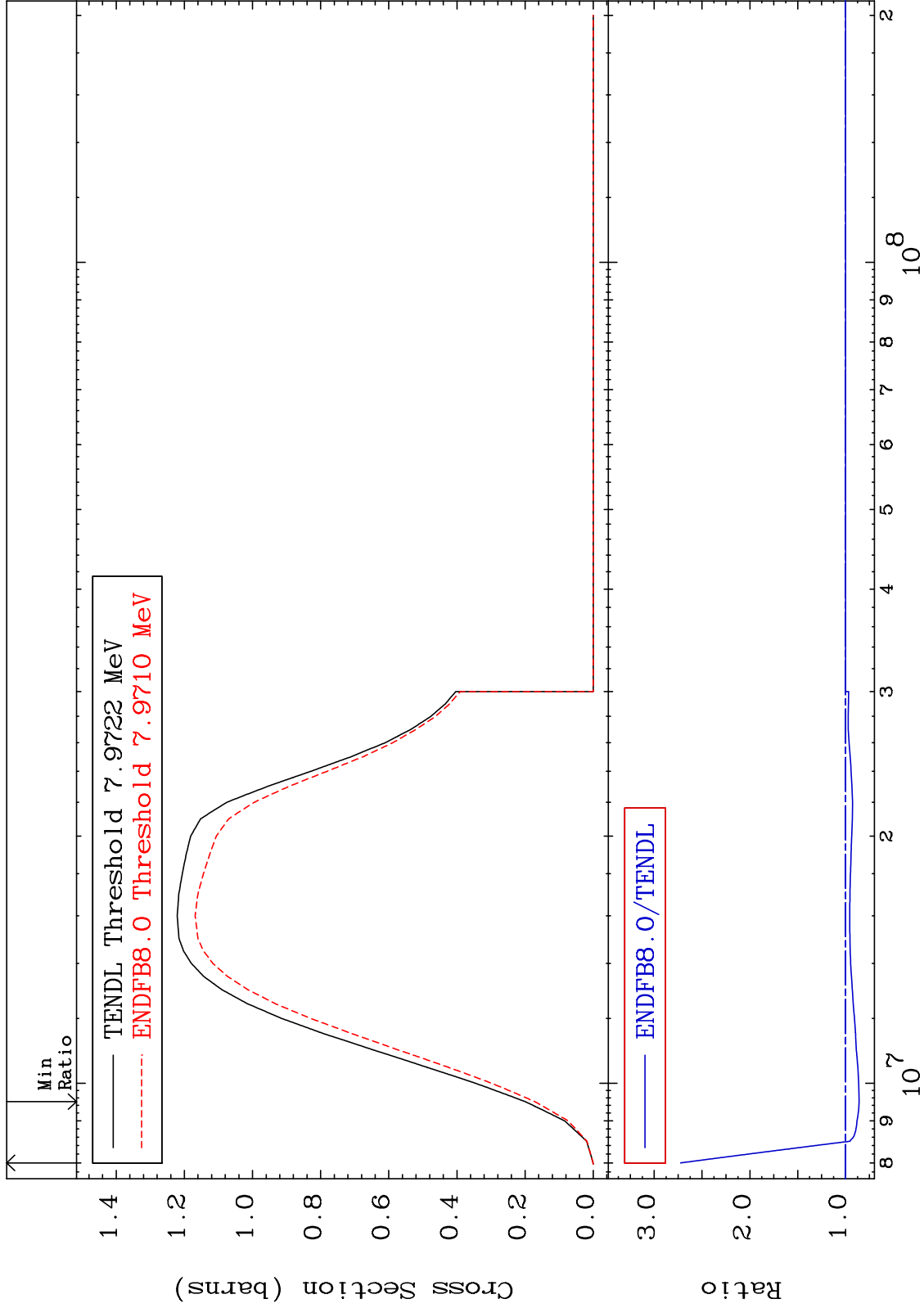
MAT 3634

(n,2n)

³⁶Kr-81

Cross Section

-14.24 To 172.4 %



³⁶Kr-81

Incident Energy (eV)

5

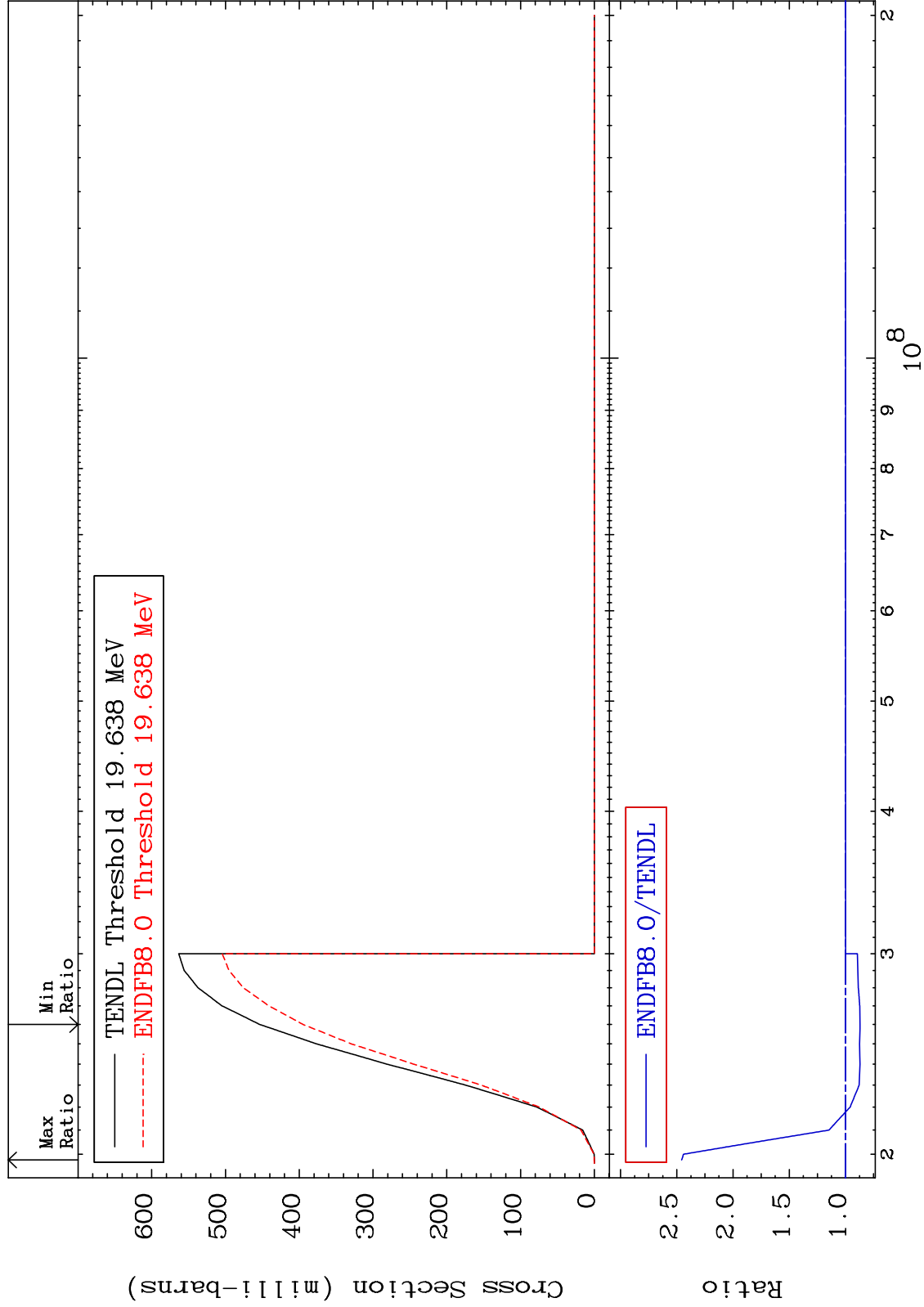
MAT 3634

(n, 3n)

³⁶Kr-81

Cross Section

-12.93 To 145.7 %



6

Incident Energy (eV)

³⁶Kr-81

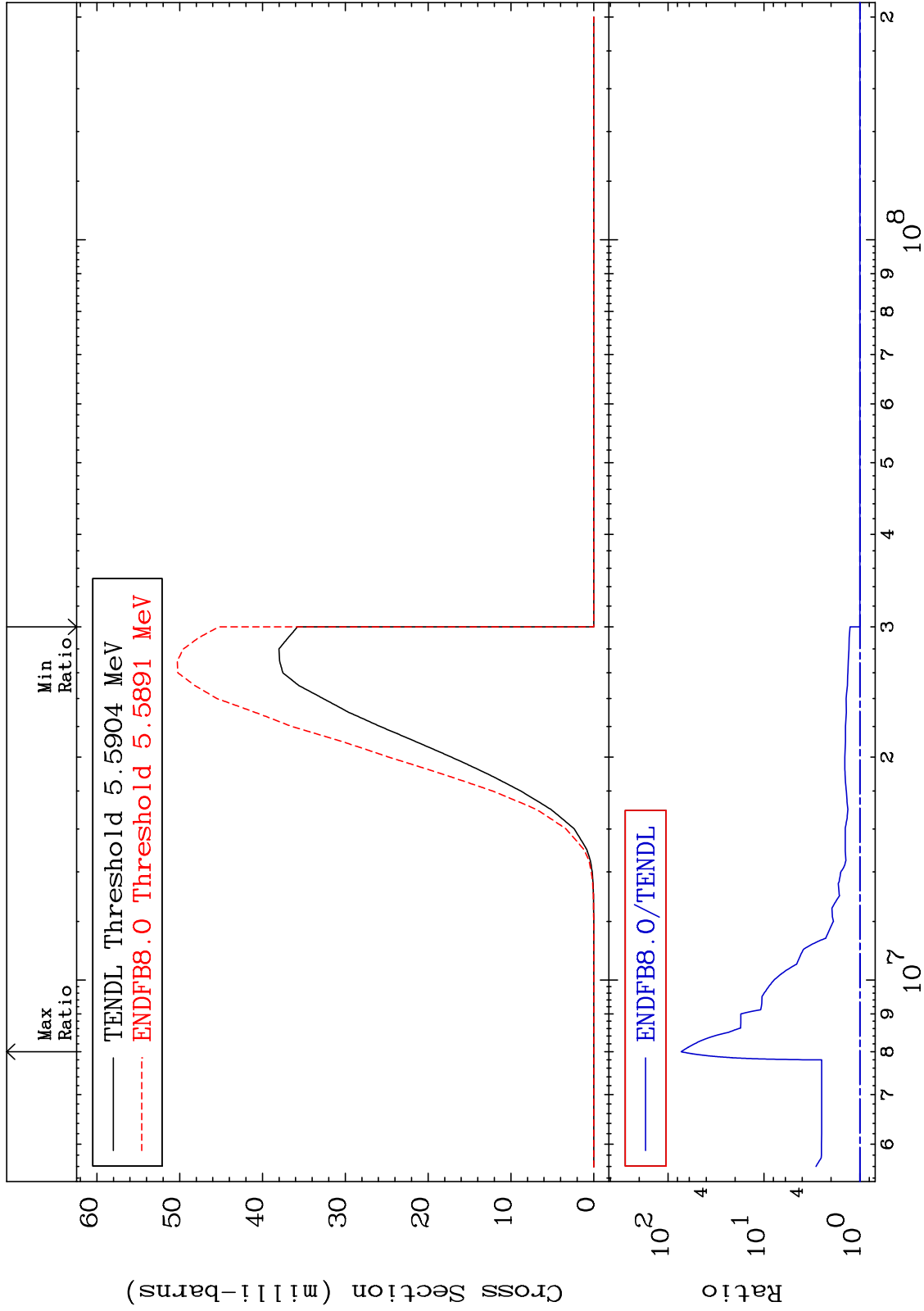
MAT 3634

(n,n') α

³⁶Kr-81

Cross Section

0.000 To 7189. %



³⁶Kr-81

Incident Energy (eV)

7

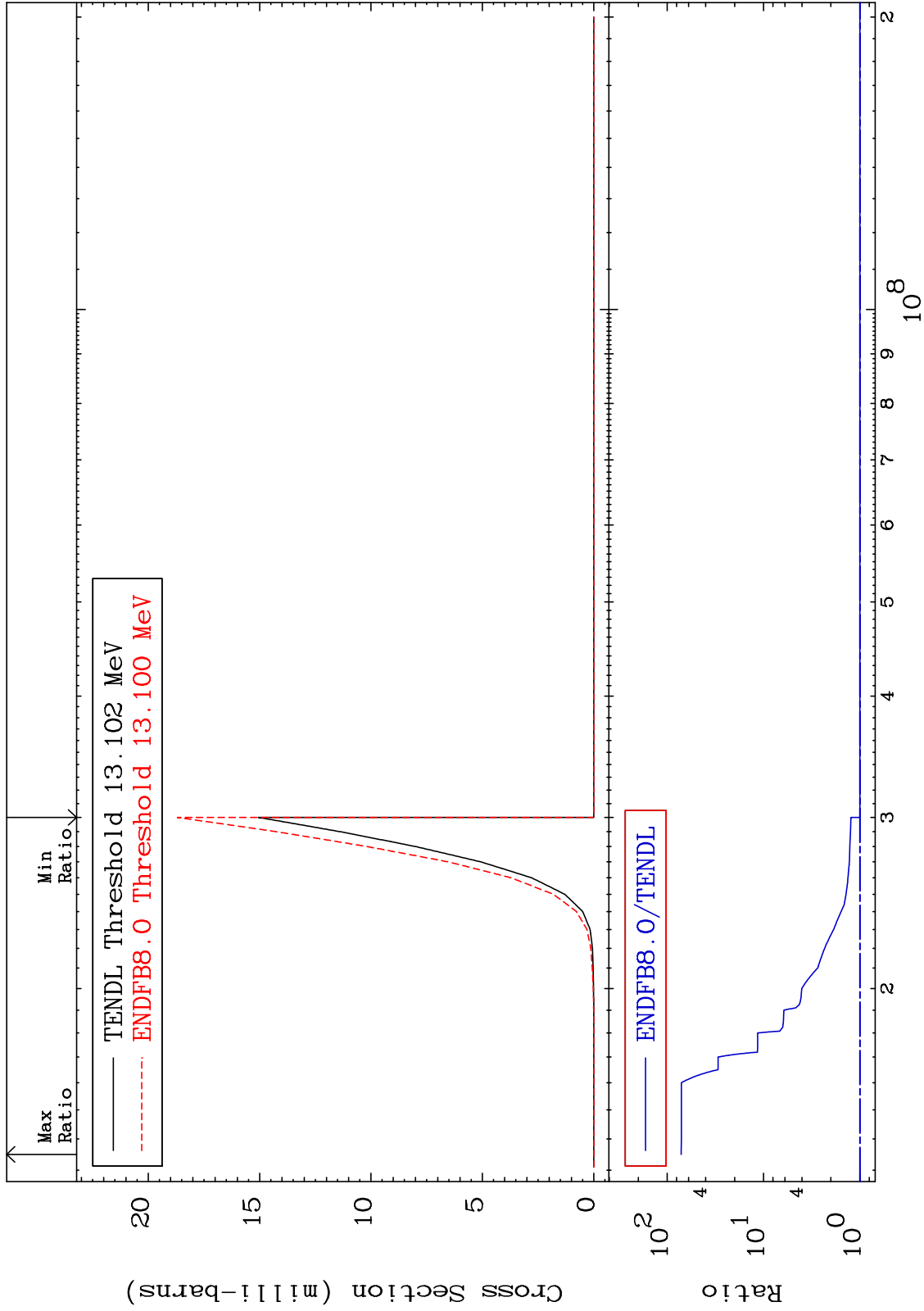
MAT 3634

(n,2n) α

36-Kr-81

Cross Section

0.000 To 7059. %



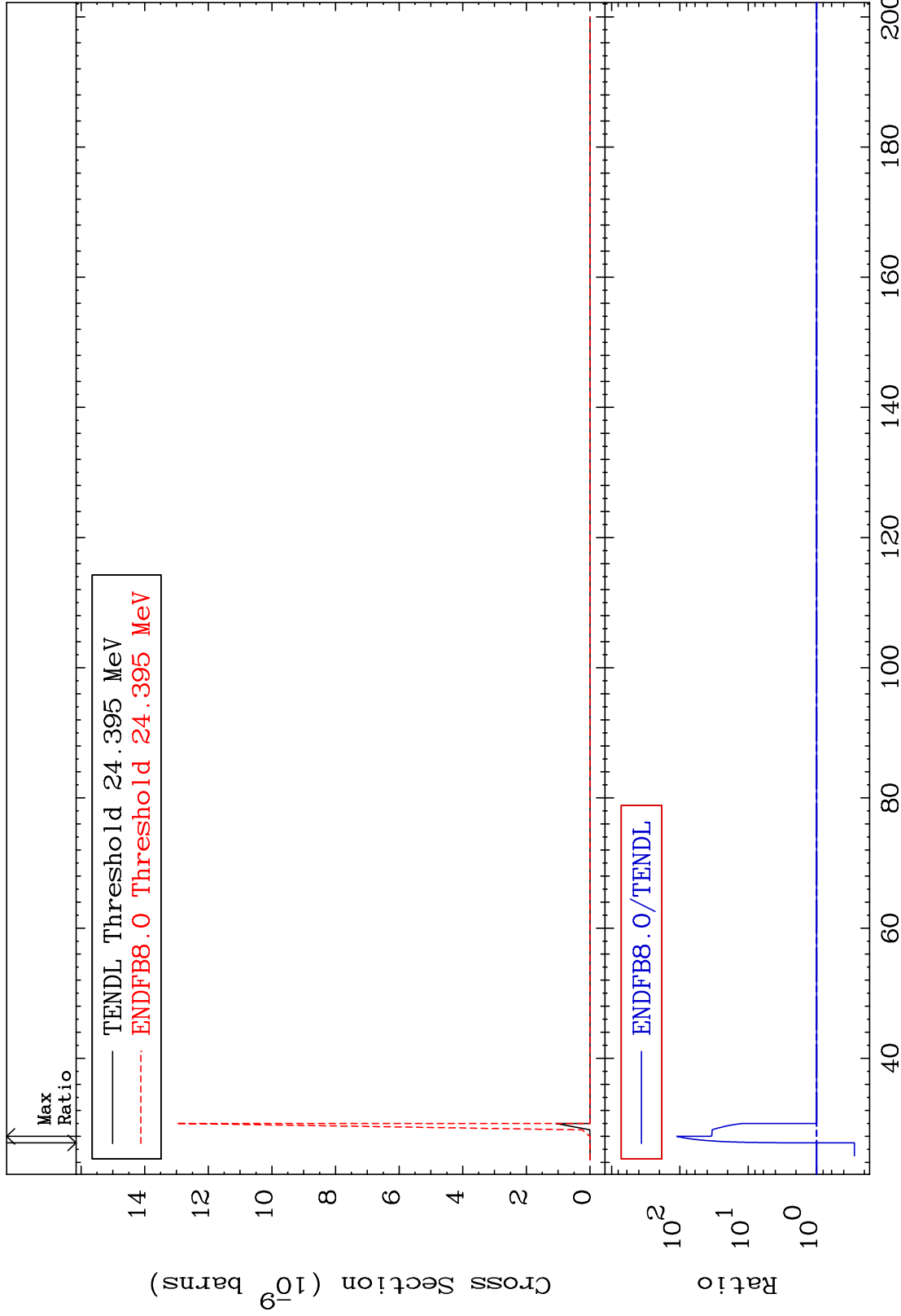
MAT 3634

(n,3n) α

³⁶Kr-81

Cross Section

-72.12 To 9999. %



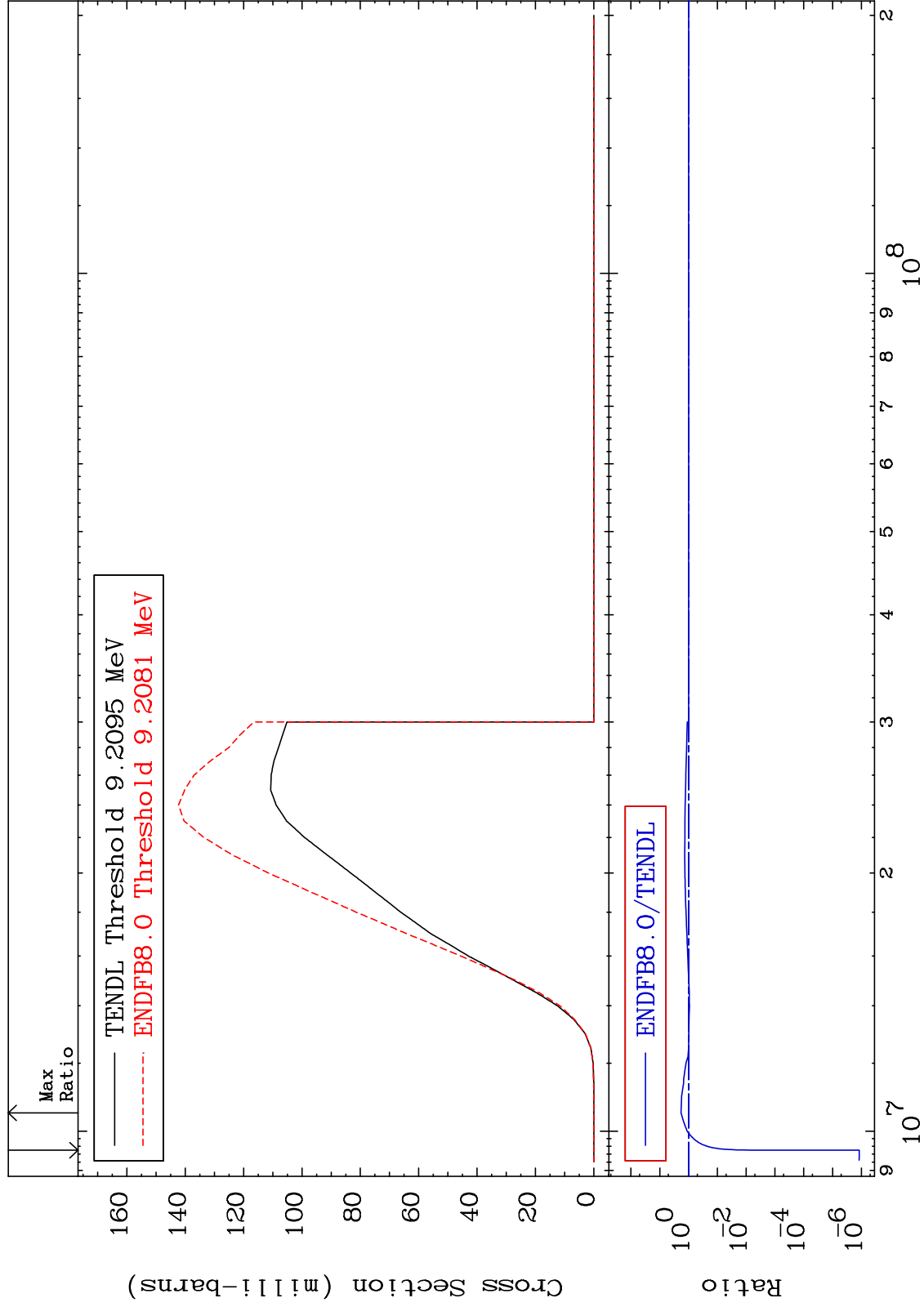
MAT 3634

(n,n') p

³⁶Kr-81

Cross Section

-100.0 To 82.24 %



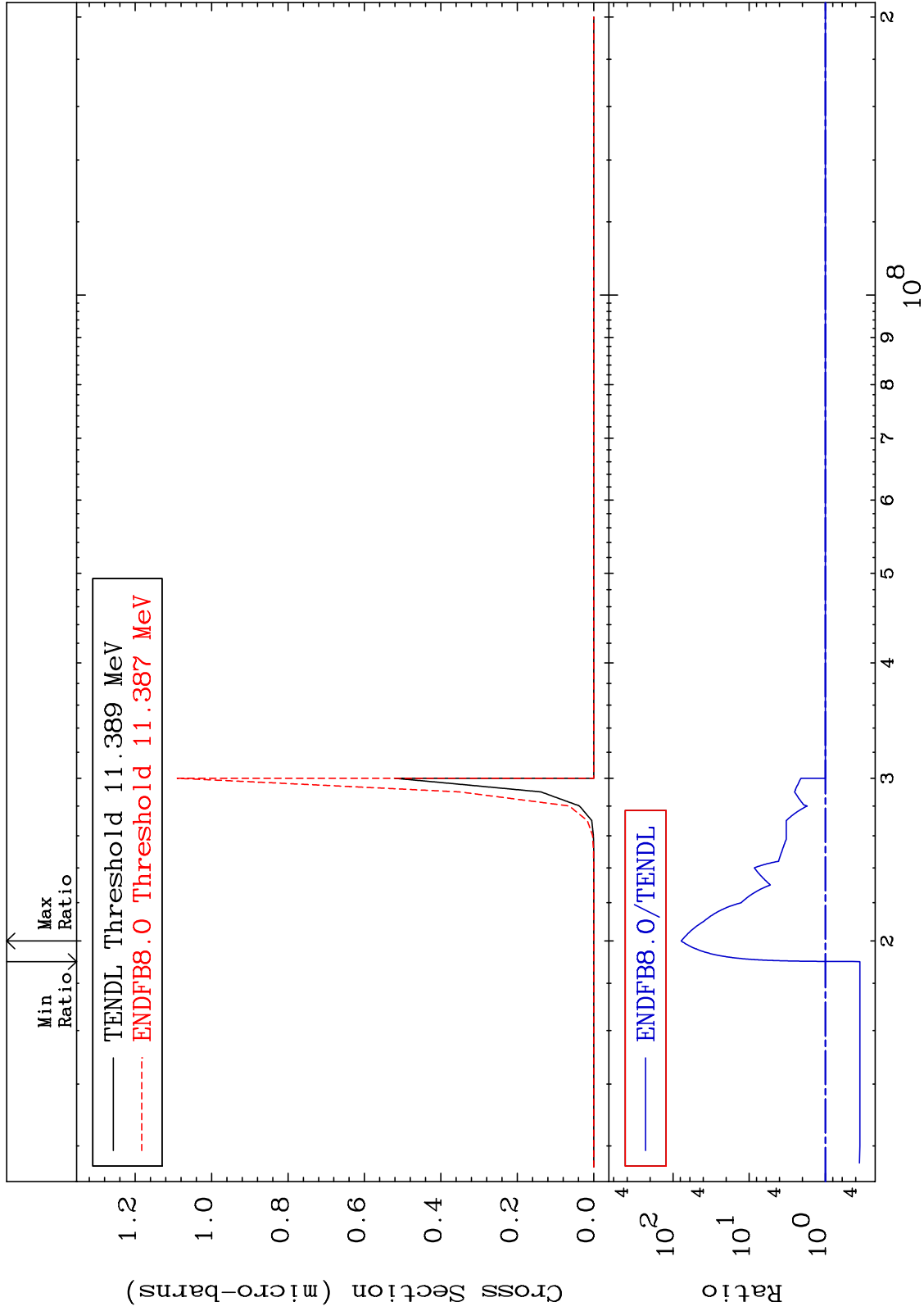
³⁶Kr-81

Incident Energy (eV)

MAT 3634

(n,n') 2α
Cross Section

36-Kr-81
-64.86 To 7695. %



MAT 3634

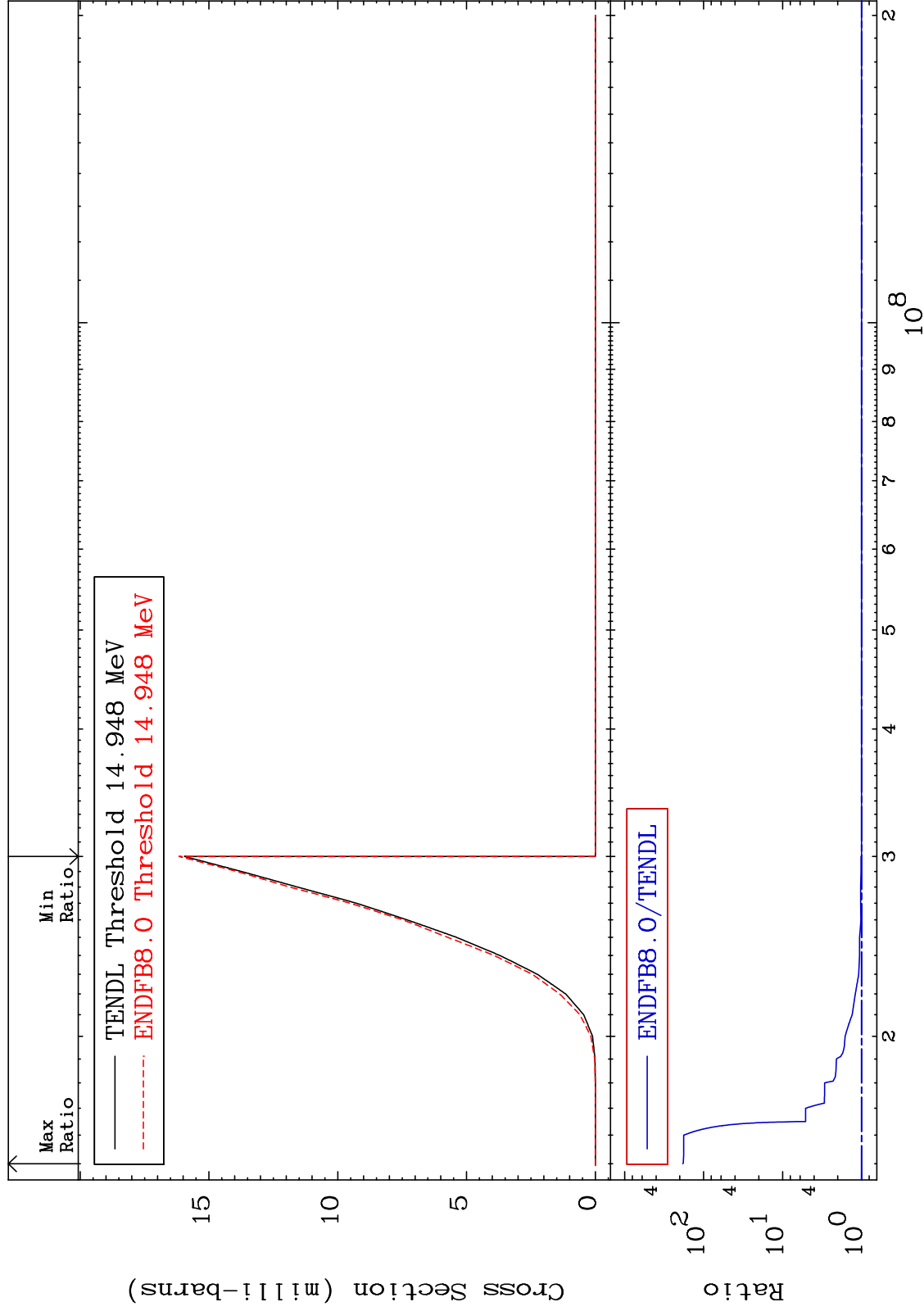
(n,n') d

³⁶Kr-81

Cross Section

0.000

To 9999. %



12

Incident Energy (eV)

³⁶Kr-81

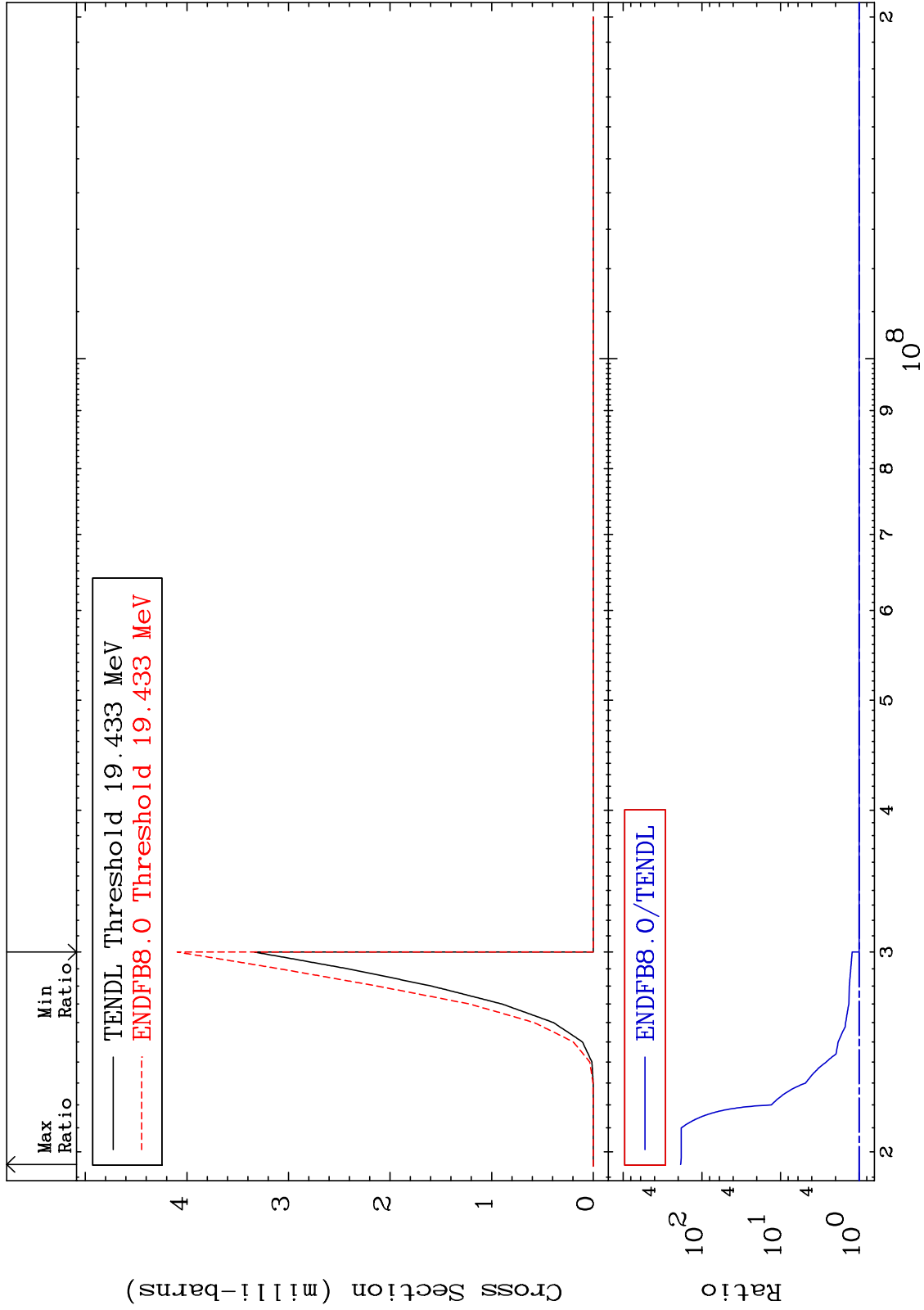
MAT 3634

(n,n') t

³⁶Kr-81

Cross Section

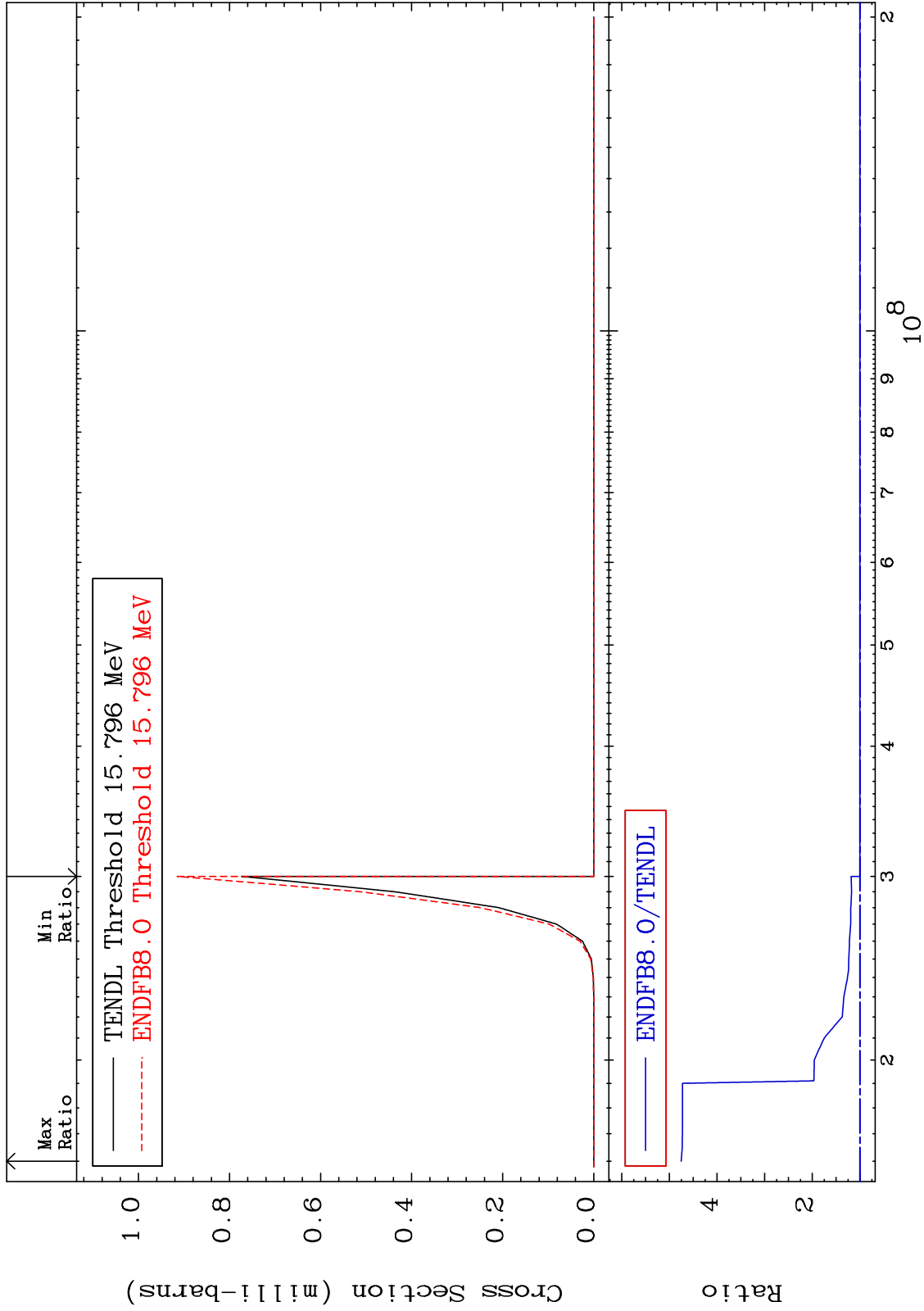
0.000 To 9999. %



MAT 3634

(n, n') He-3
Cross Section

36-Kr-81
0.000 To 375.2 %



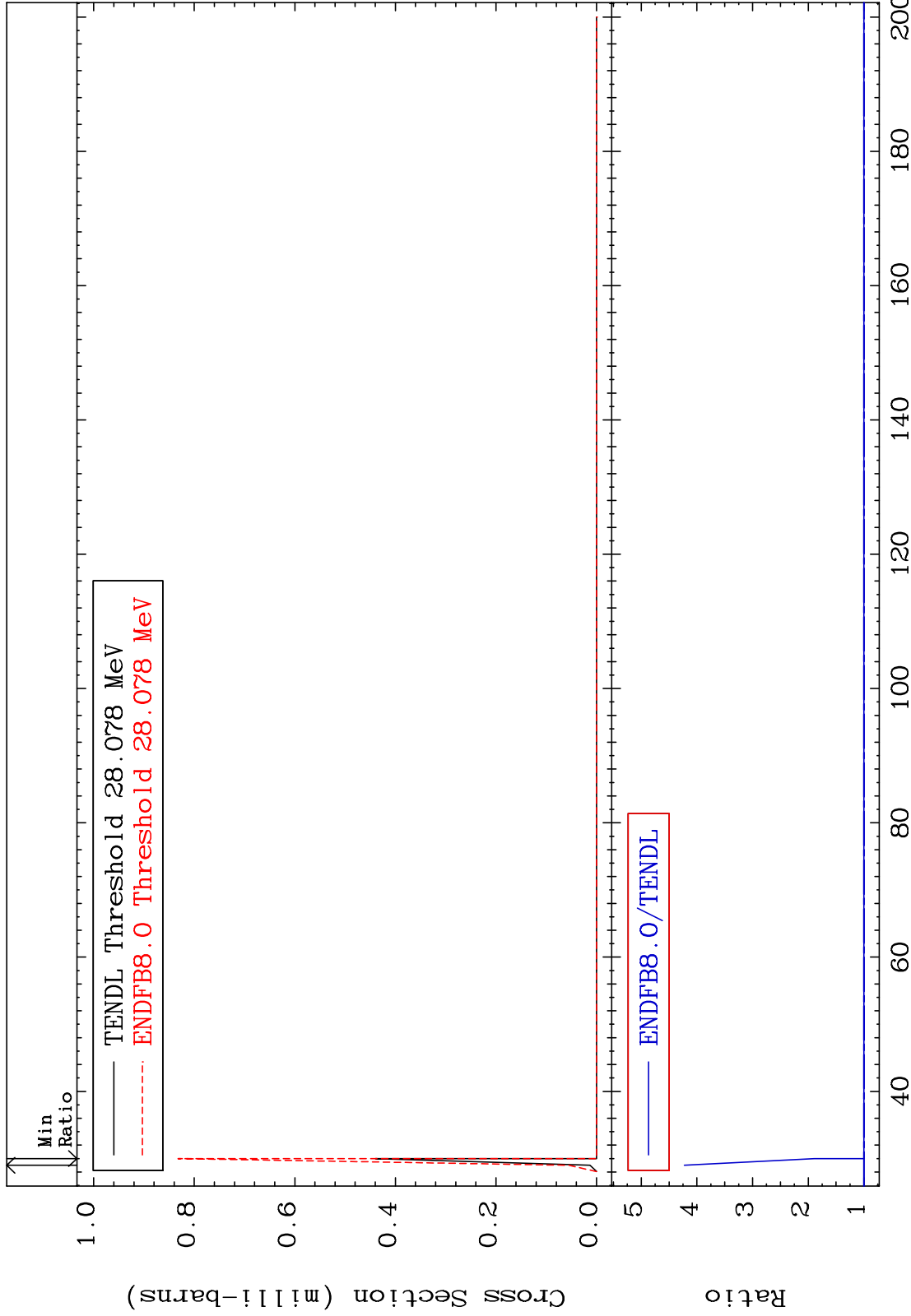
MAT 3634

(n, 4n)

³⁶Kr-81

Cross Section

0.000 To 322.5 %



MAT 3634

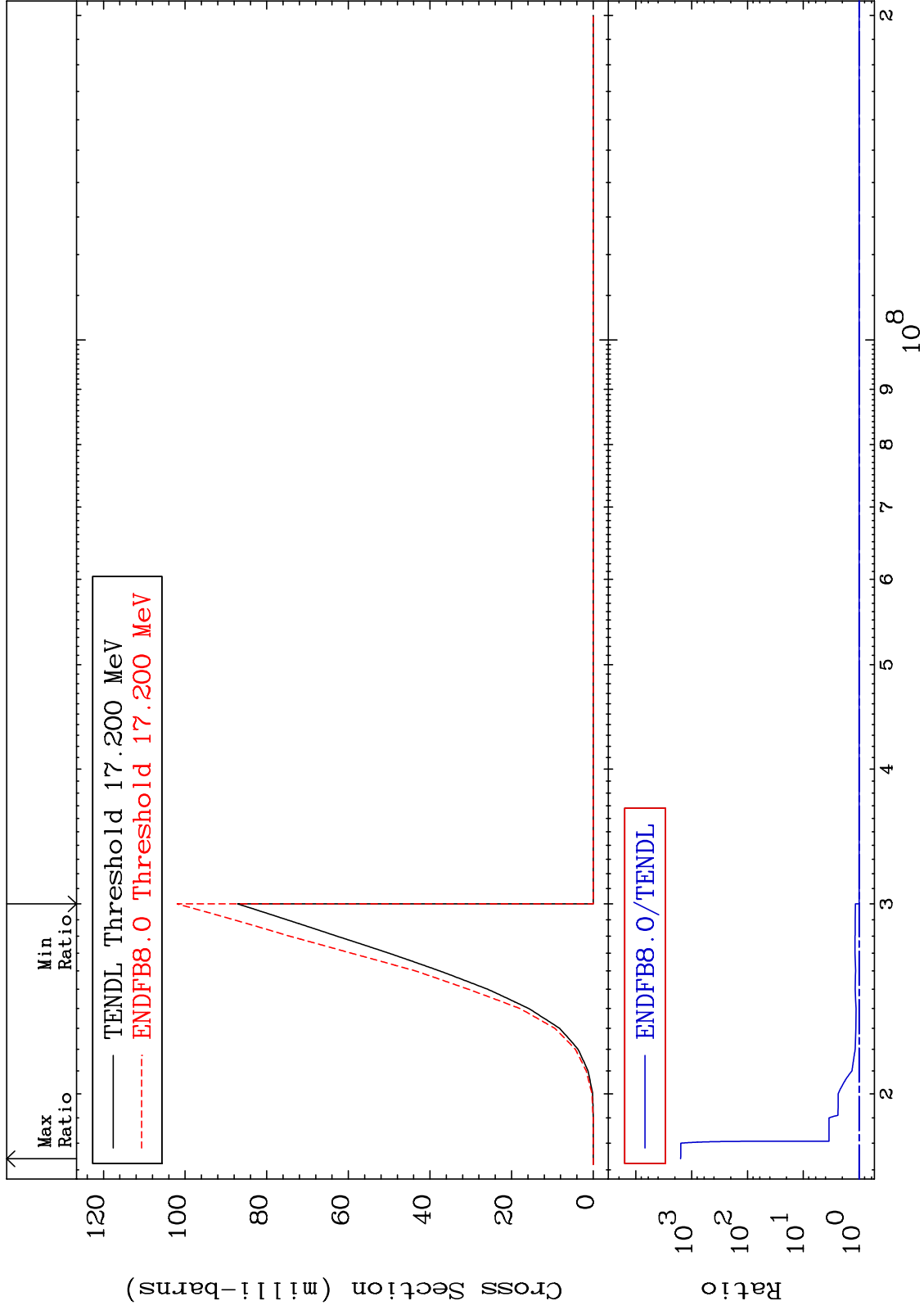
(n,2n) p

³⁶Kr-81

Cross Section

0.000

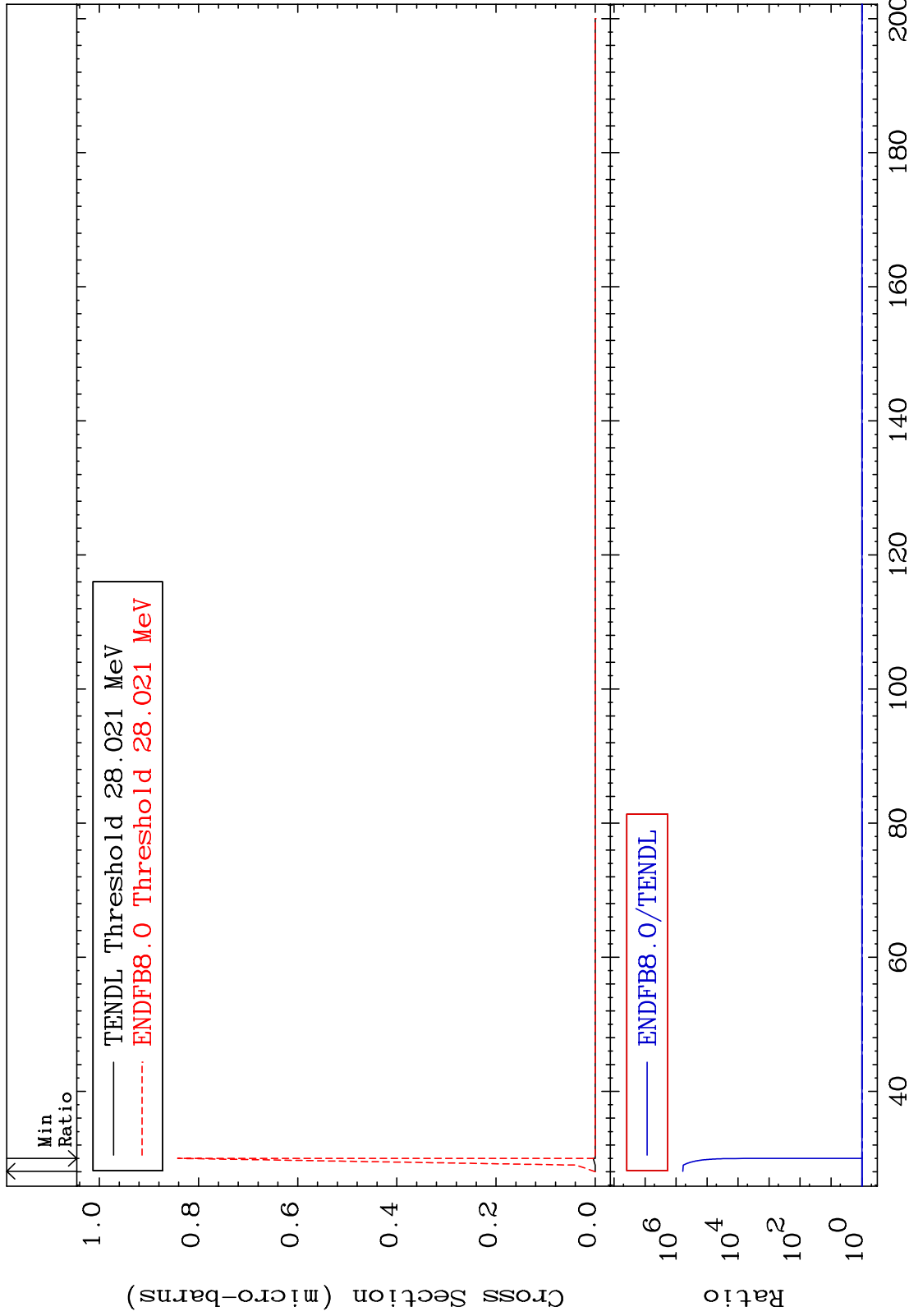
To 9999. %



MAT 3634

(n,3n) p
Cross Section

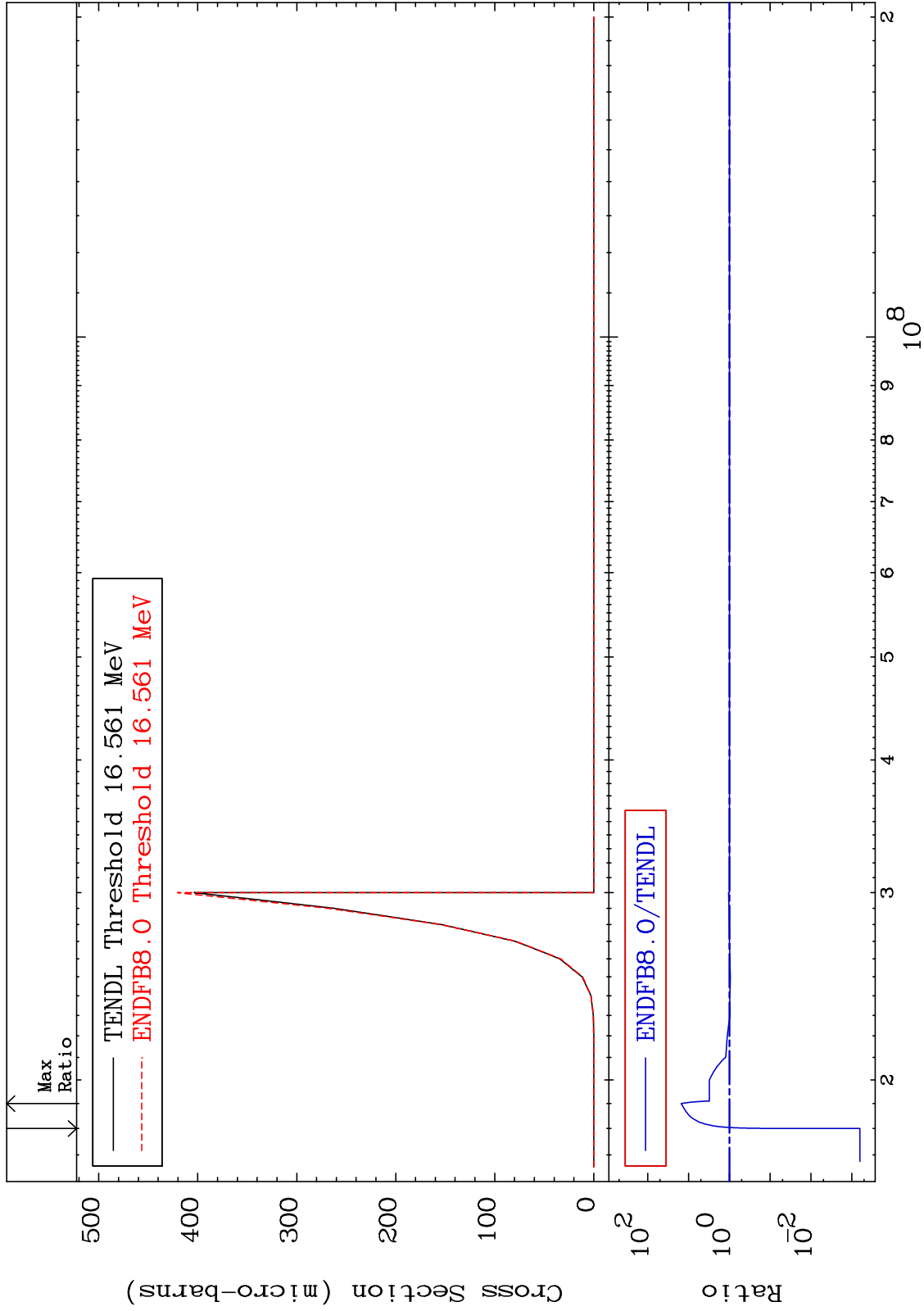
0.000 To 9999. %
36-Kr-81



MAT 3634

(n,2n) p
Cross Section

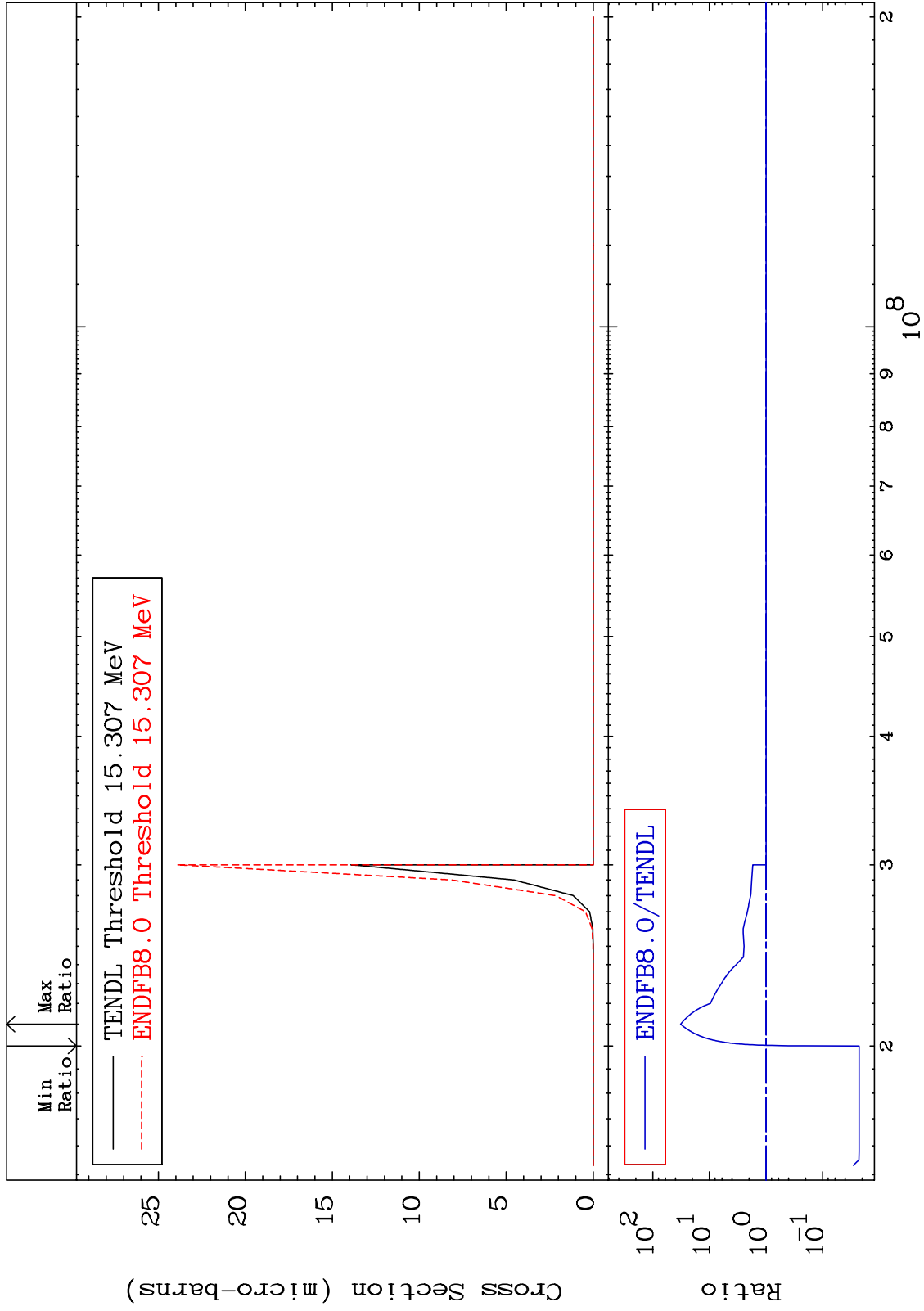
³⁶Kr-81
-99.94 To 1411. %



MAT 3634

(n,n') p α
Cross Section

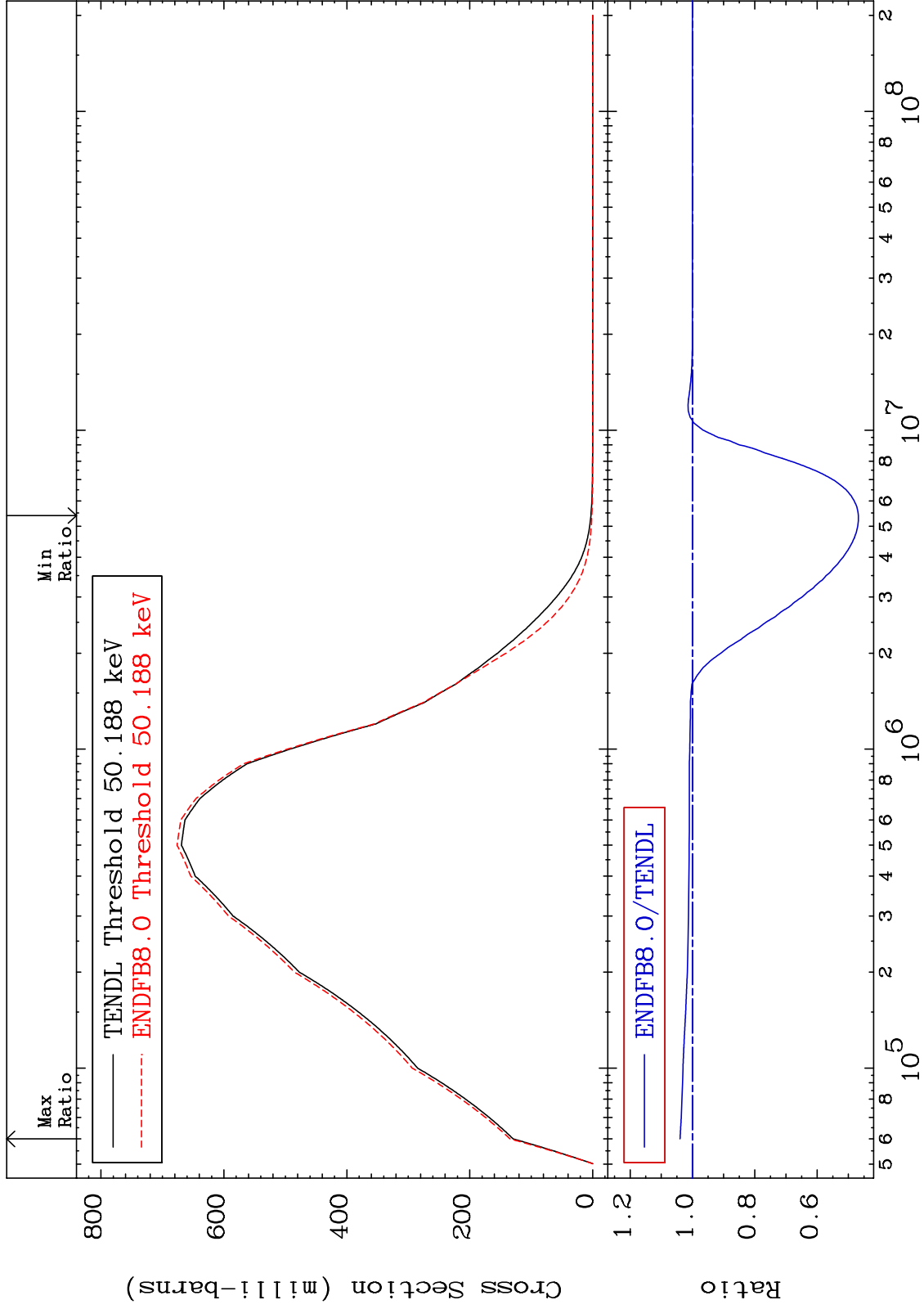
36-Kr-81
-97.75 To 3137. %



MAT 3634

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

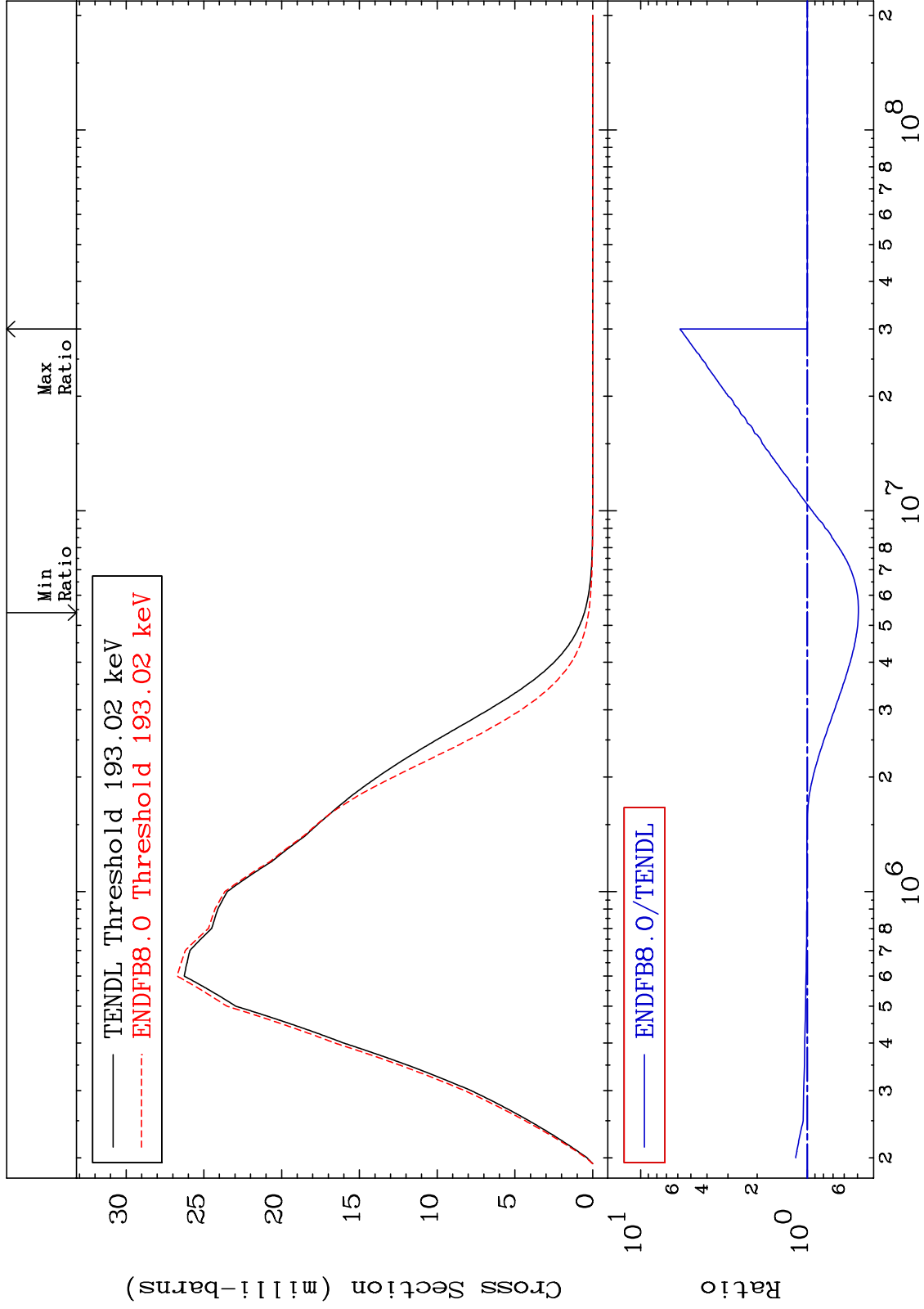
36-Kr-81
-53.23 To 3.993 %



MAT 3634

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

36-Kr-81
-50.64 To 480.9 %



21

Incident Energy (eV)

36-Kr-81

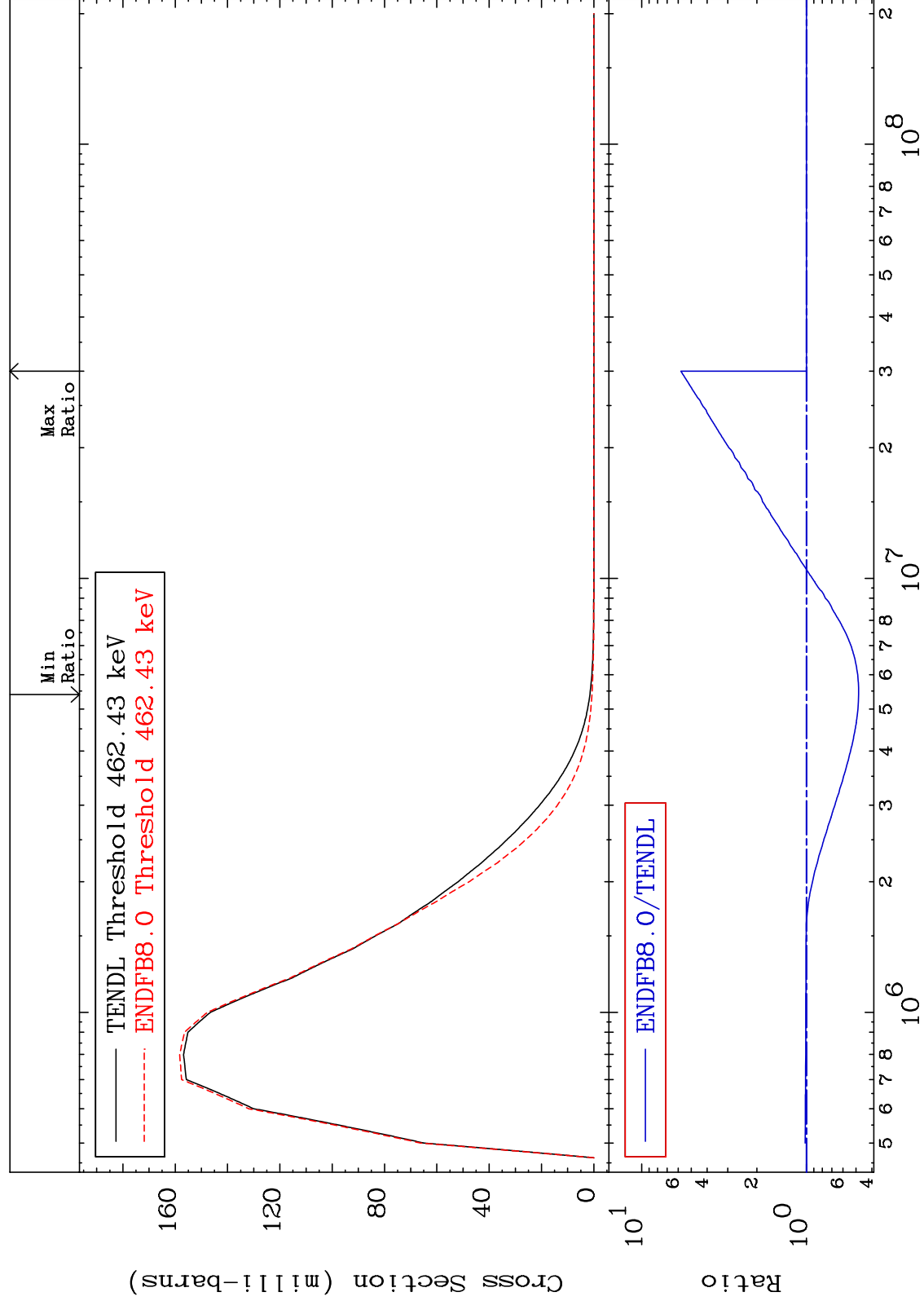
MAT 3634

MT= 53 (n,n') Level

36-Kr-81

-51.83 To 477.7 %

Cross Section



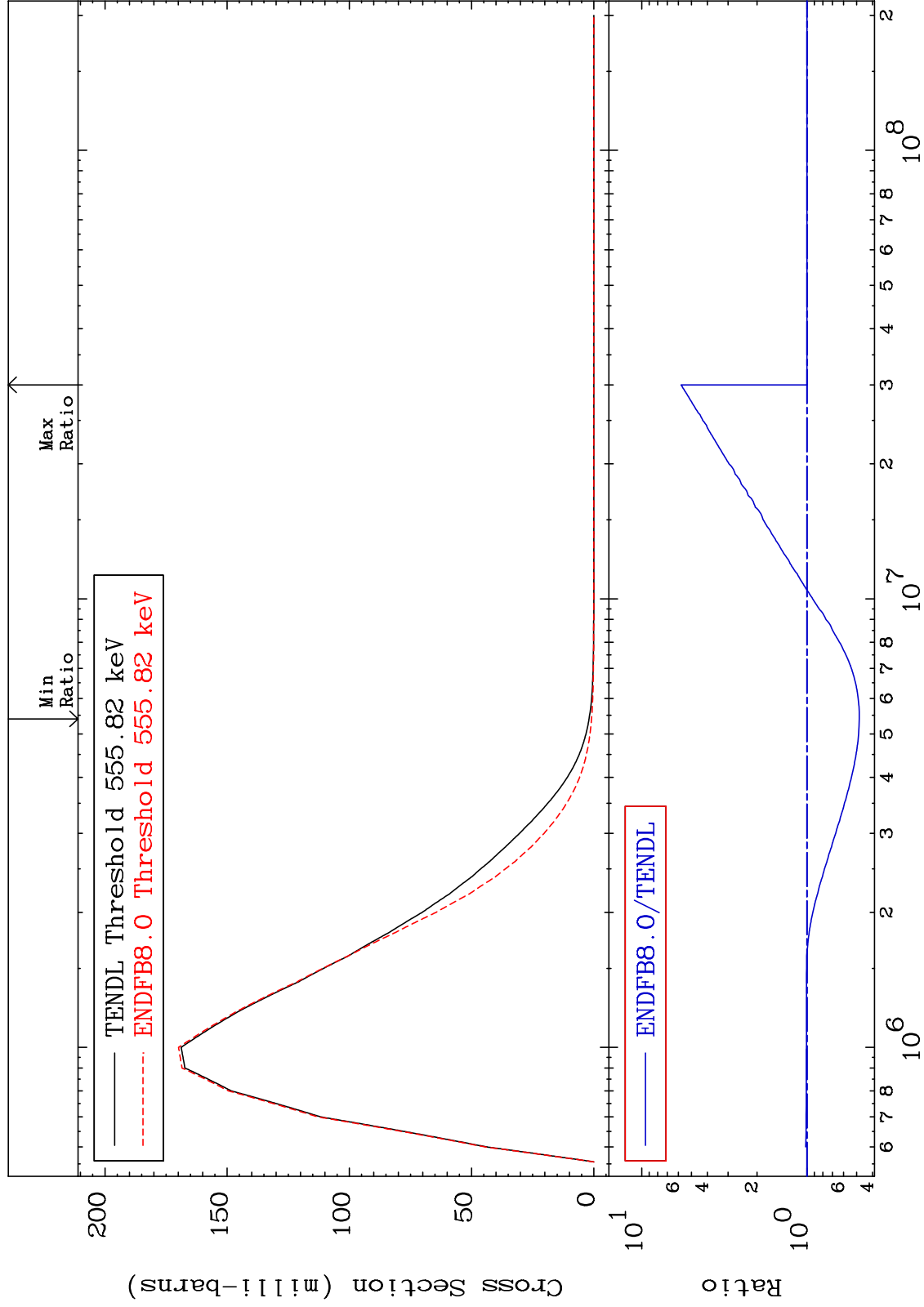
MAT 3634

MT= 54 (n,n') Level

36-Kr-81

-51.86 To 477.7 %

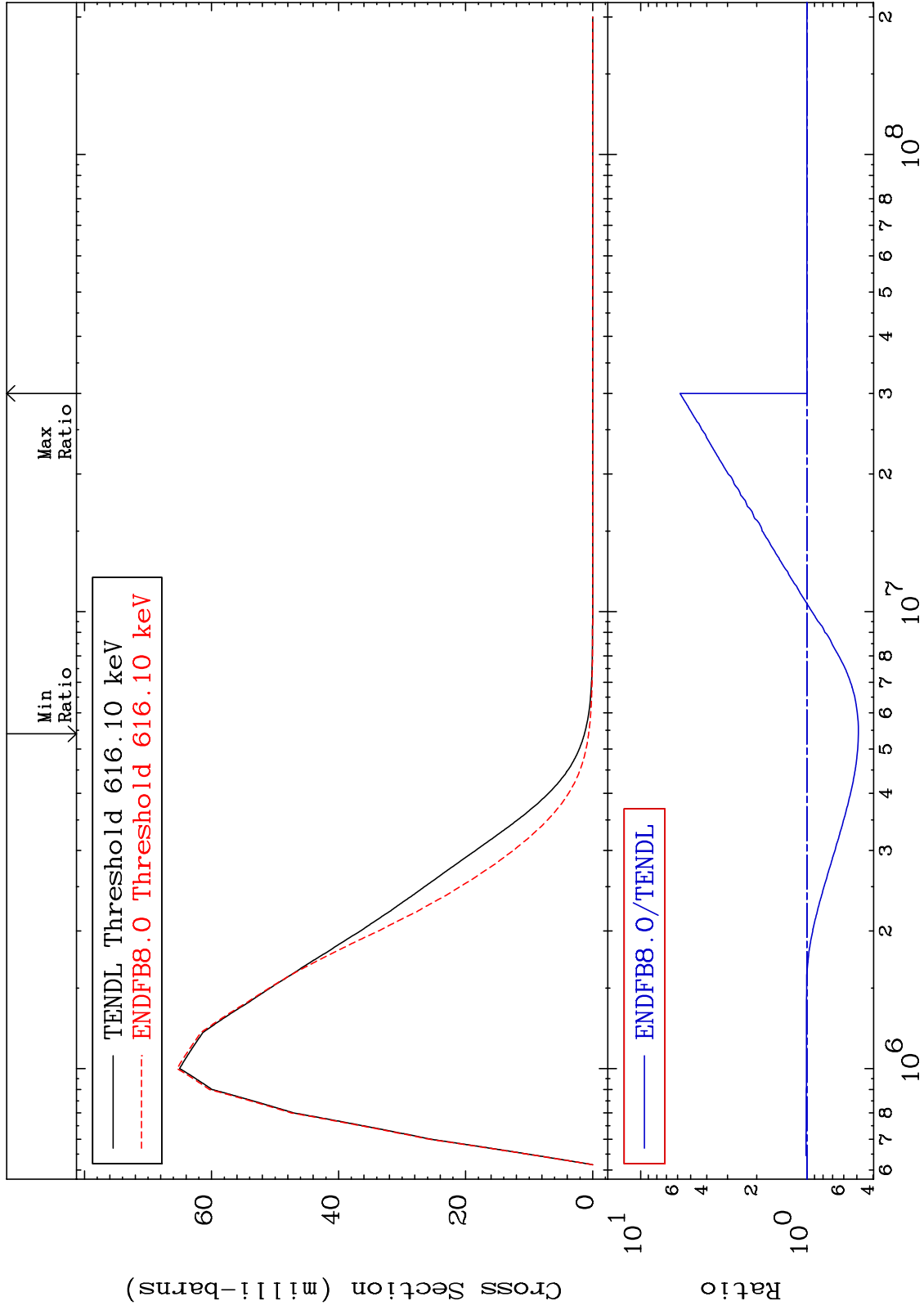
Cross Section



MAT 3634

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

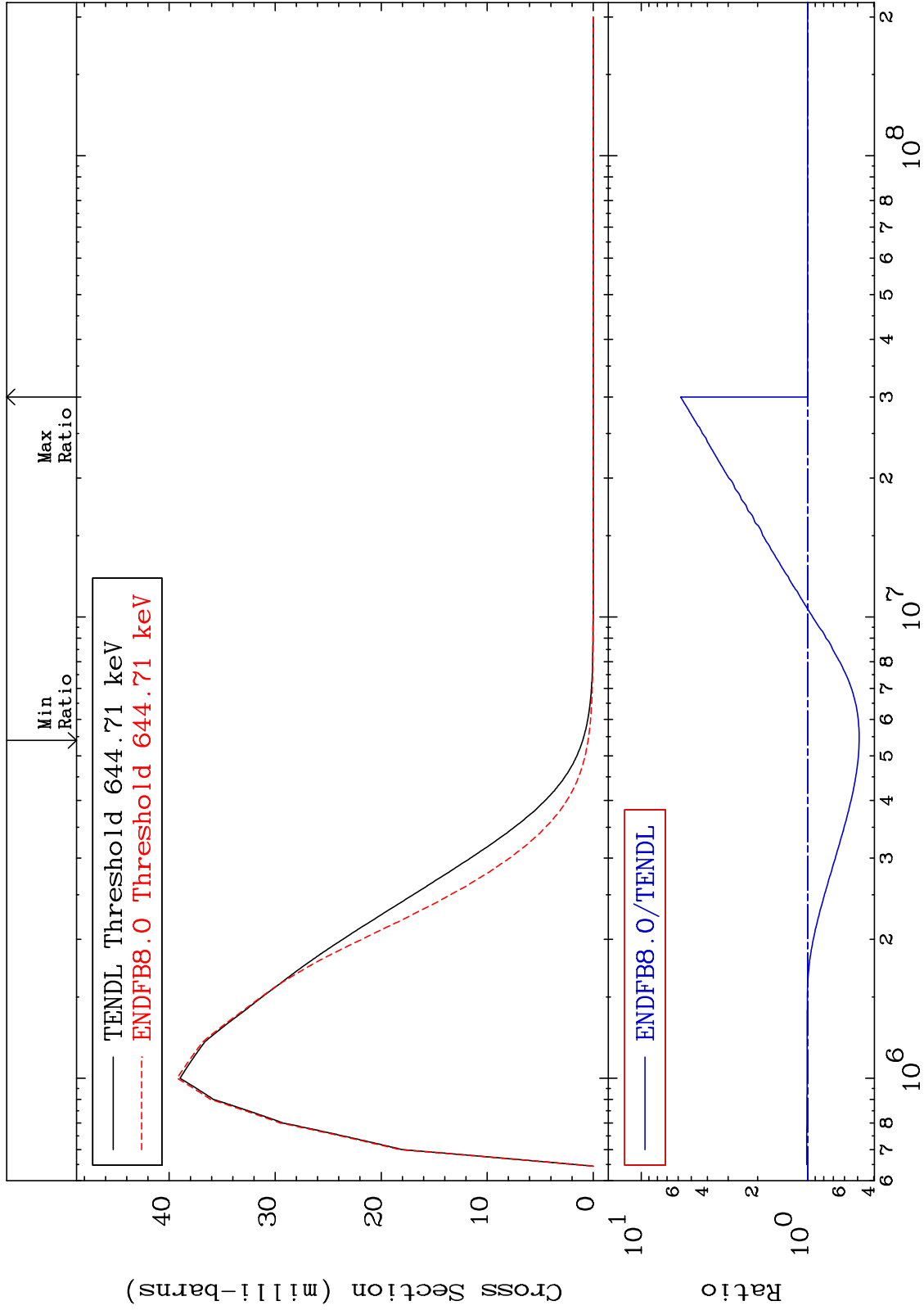
36-Kr-81
-51.08 To 479.9 %



MAT 3634

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

36-Kr-81
-51.03 To 479.9 %



25

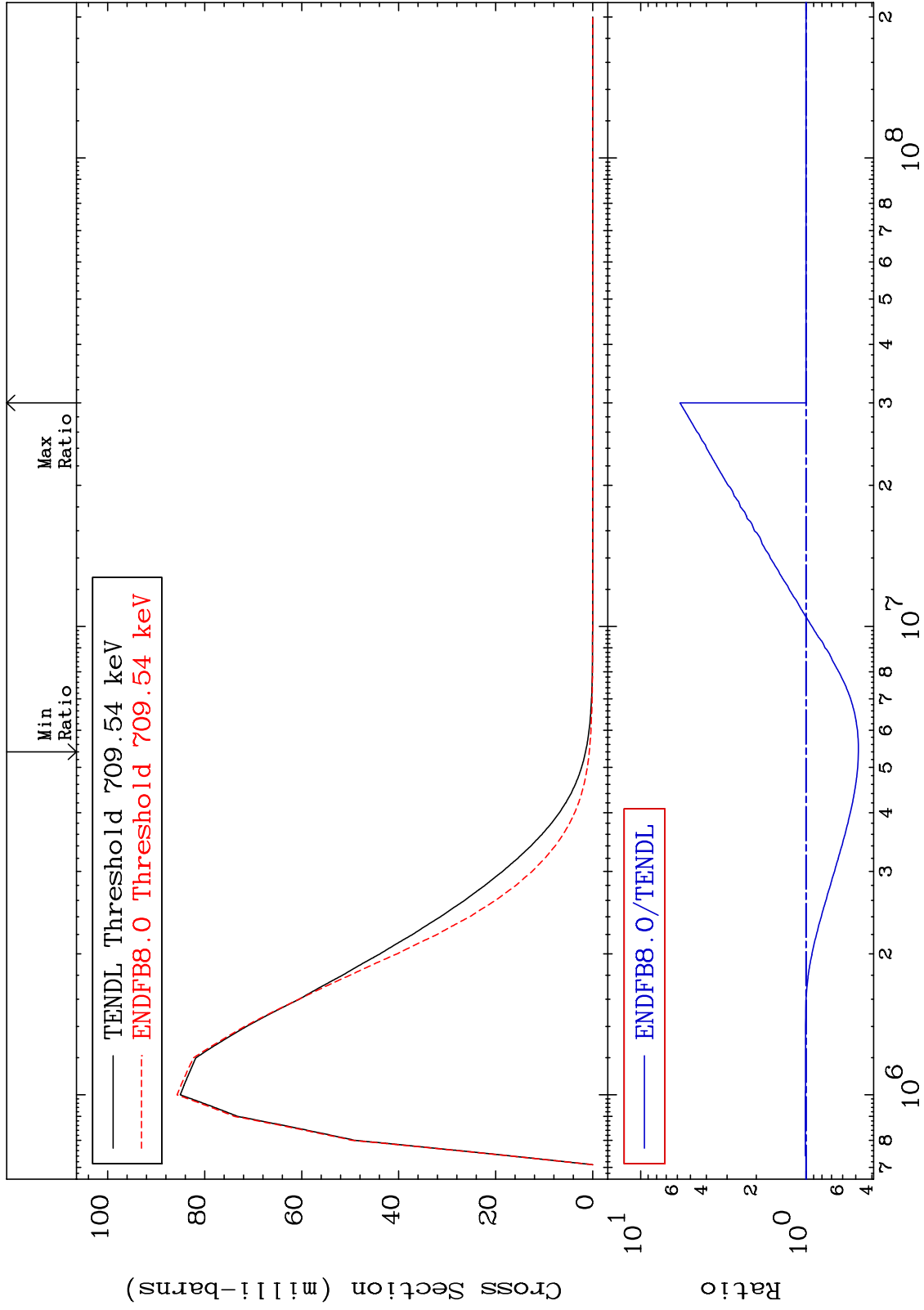
Incident Energy (eV)

36-Kr-81

MAT 3634

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

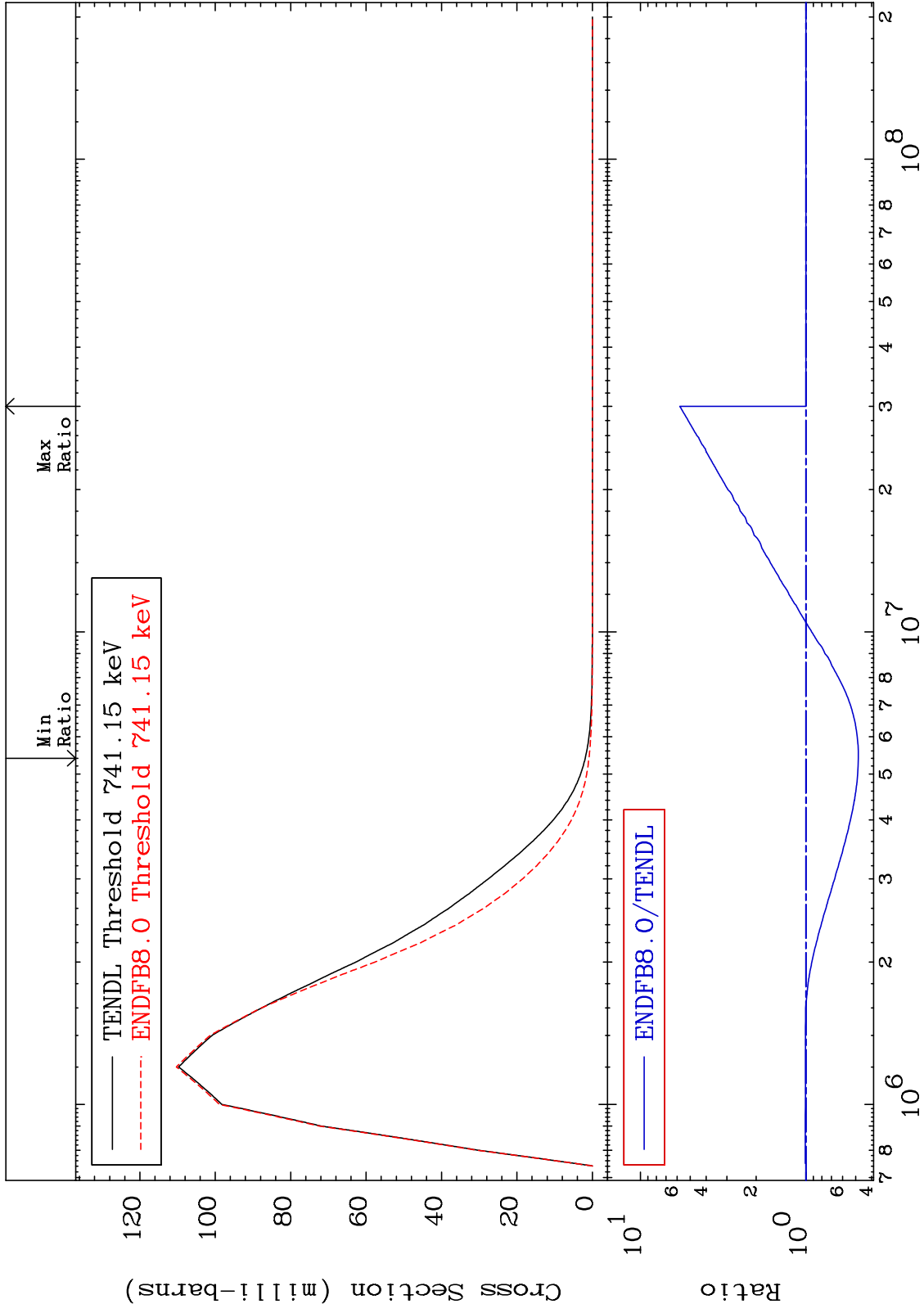
36-Kr-81
-51.78 To 477.8 %



MAT 3634

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

36-Kr-81
-51.84 To 477.8 %



27

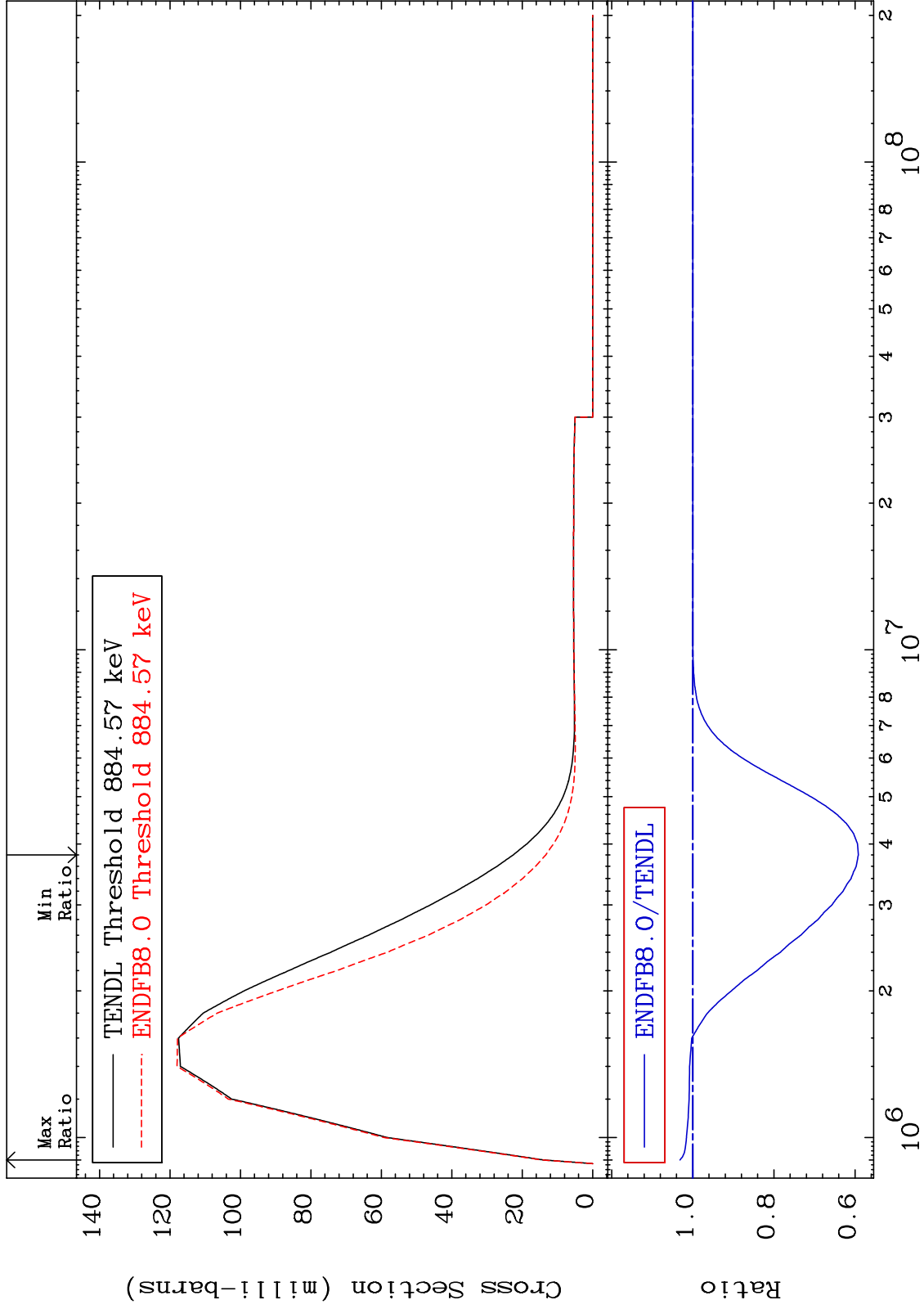
Incident Energy (eV)

36-Kr-81

MAT 3634

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

36-Kr-81
-40.83 To 3.145 %



28

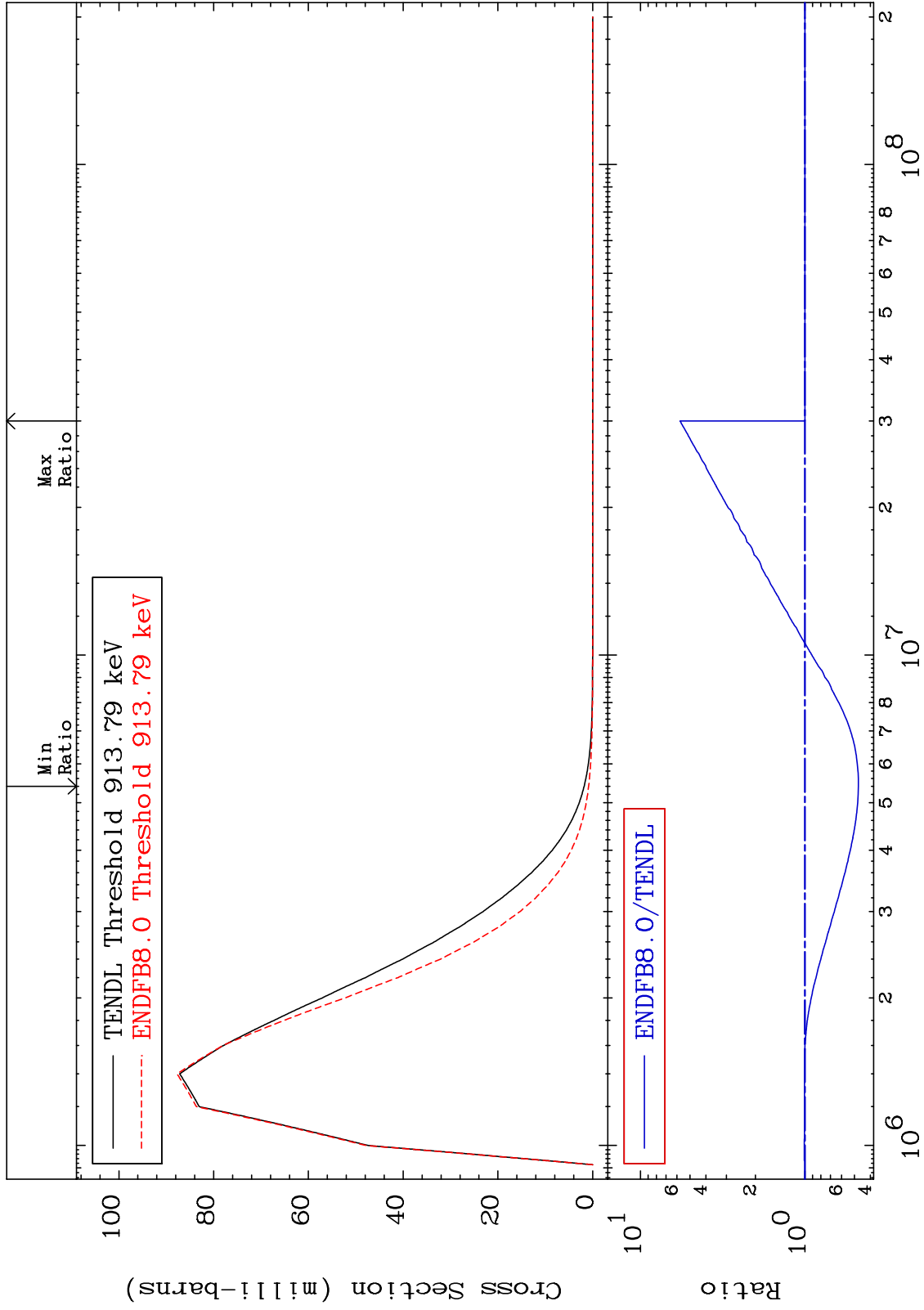
Incident Energy (eV)

36-Kr-81

MAT 3634

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

36-Kr-81
-52.66 To 475.2 %



29

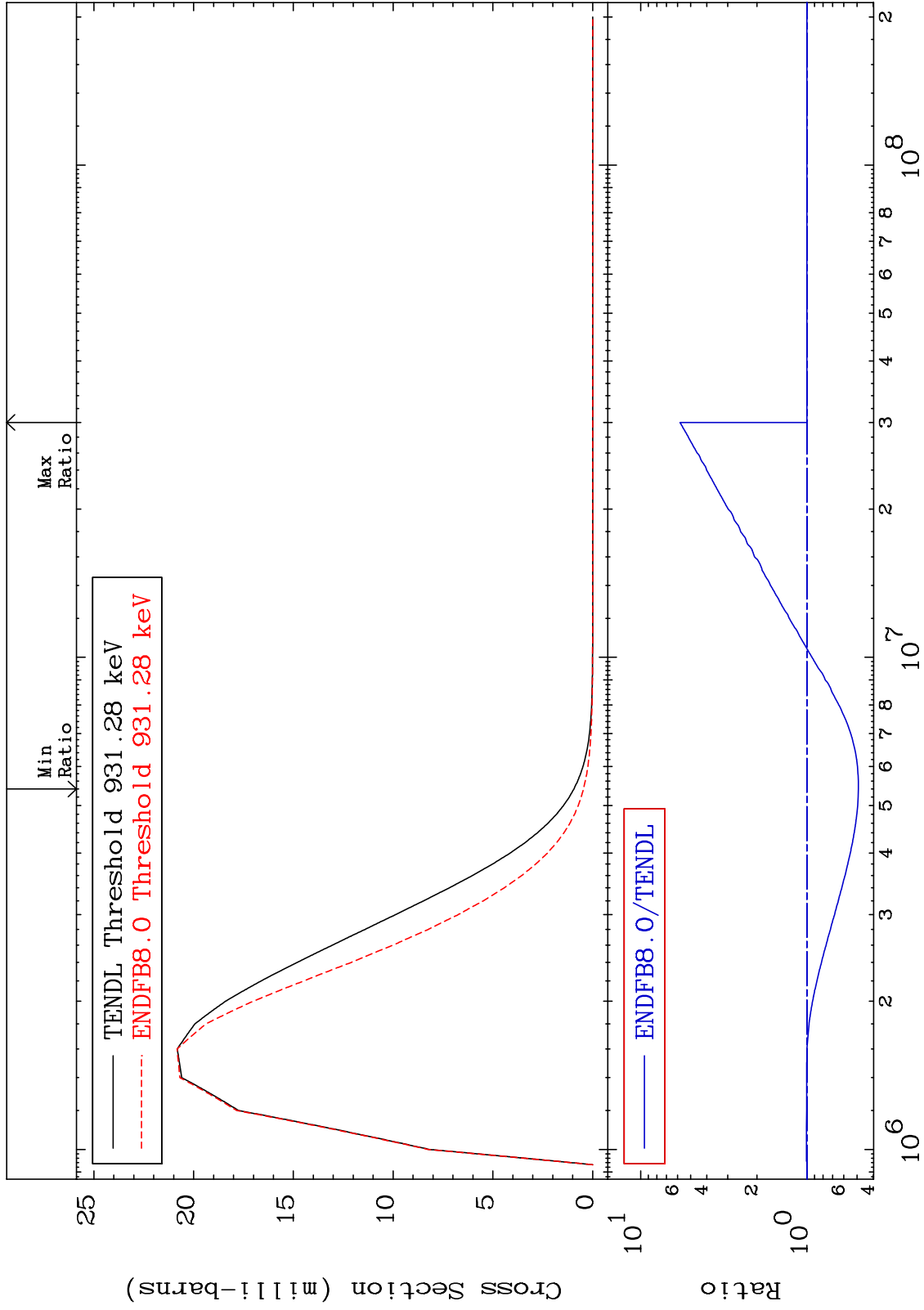
Incident Energy (eV)

36-Kr-81

MAT 3634

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

36-Kr-81
-50.96 To 480.0 %



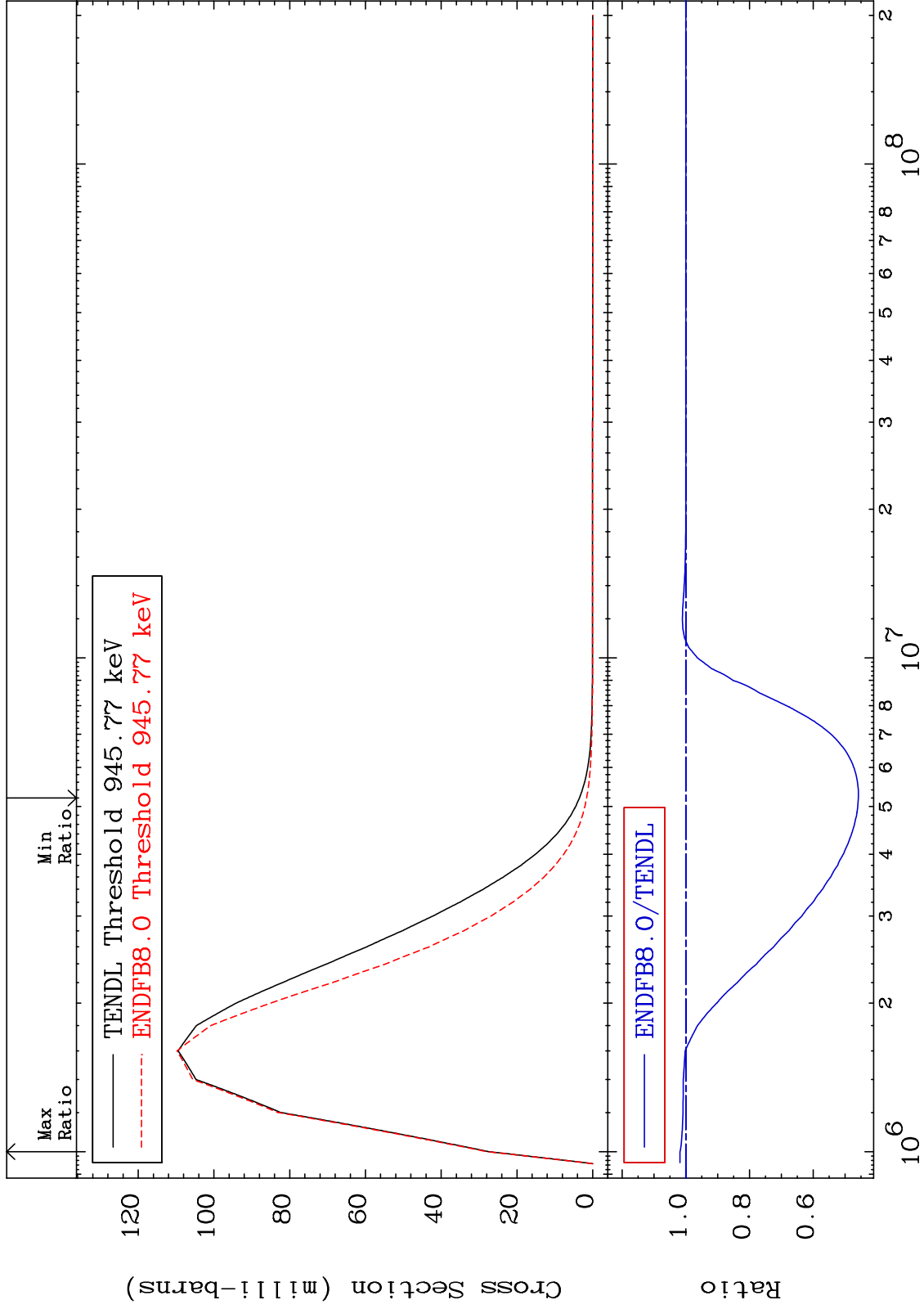
Incident Energy (eV)

36-Kr-81

MAT 3634

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

36-Kr-81
-54.17 To 1.849 %



31

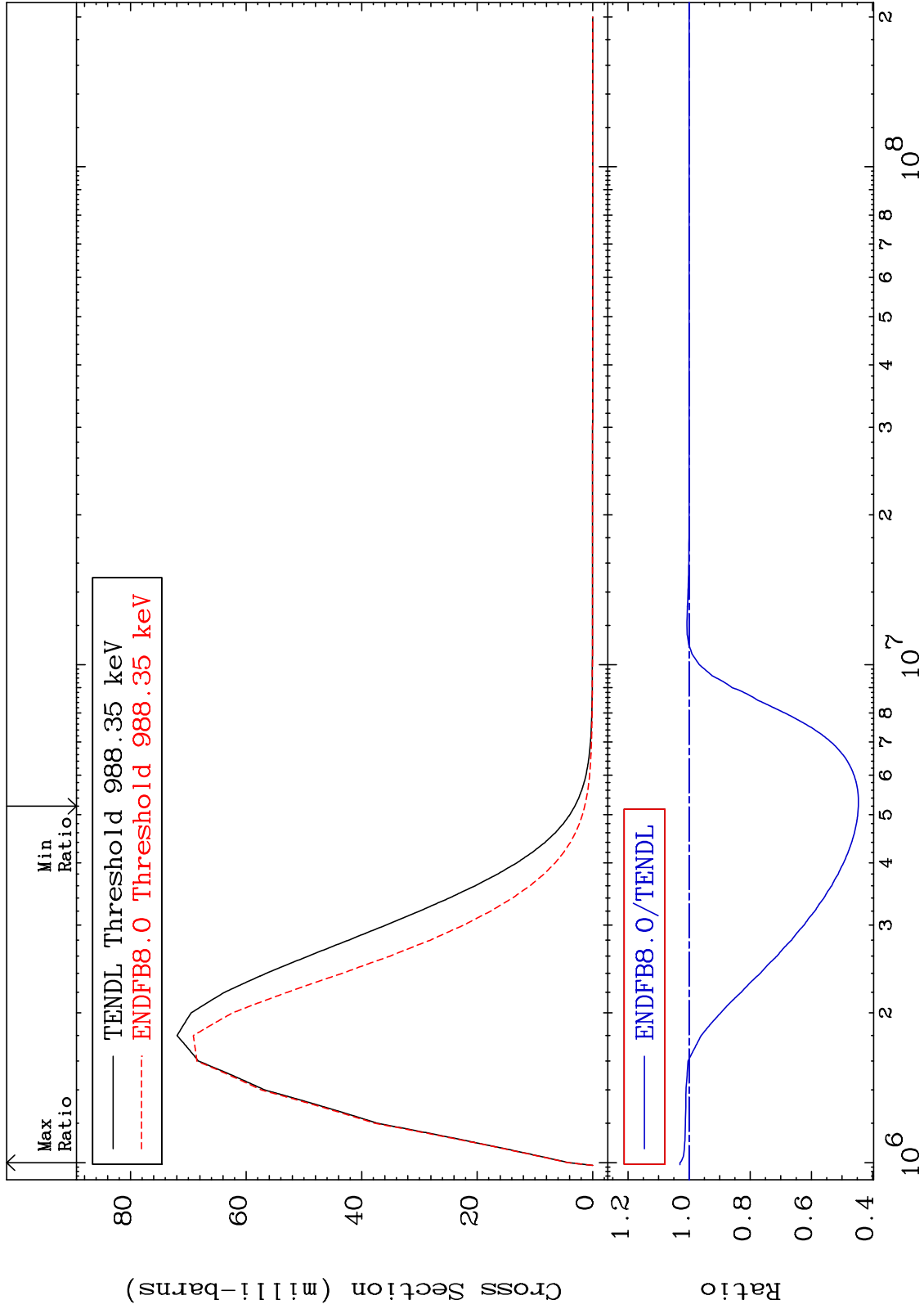
Incident Energy (eV)

36-Kr-81

MAT 3634

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

36-Kr-81
-55.39 To 2.984 %



36-Kr-81

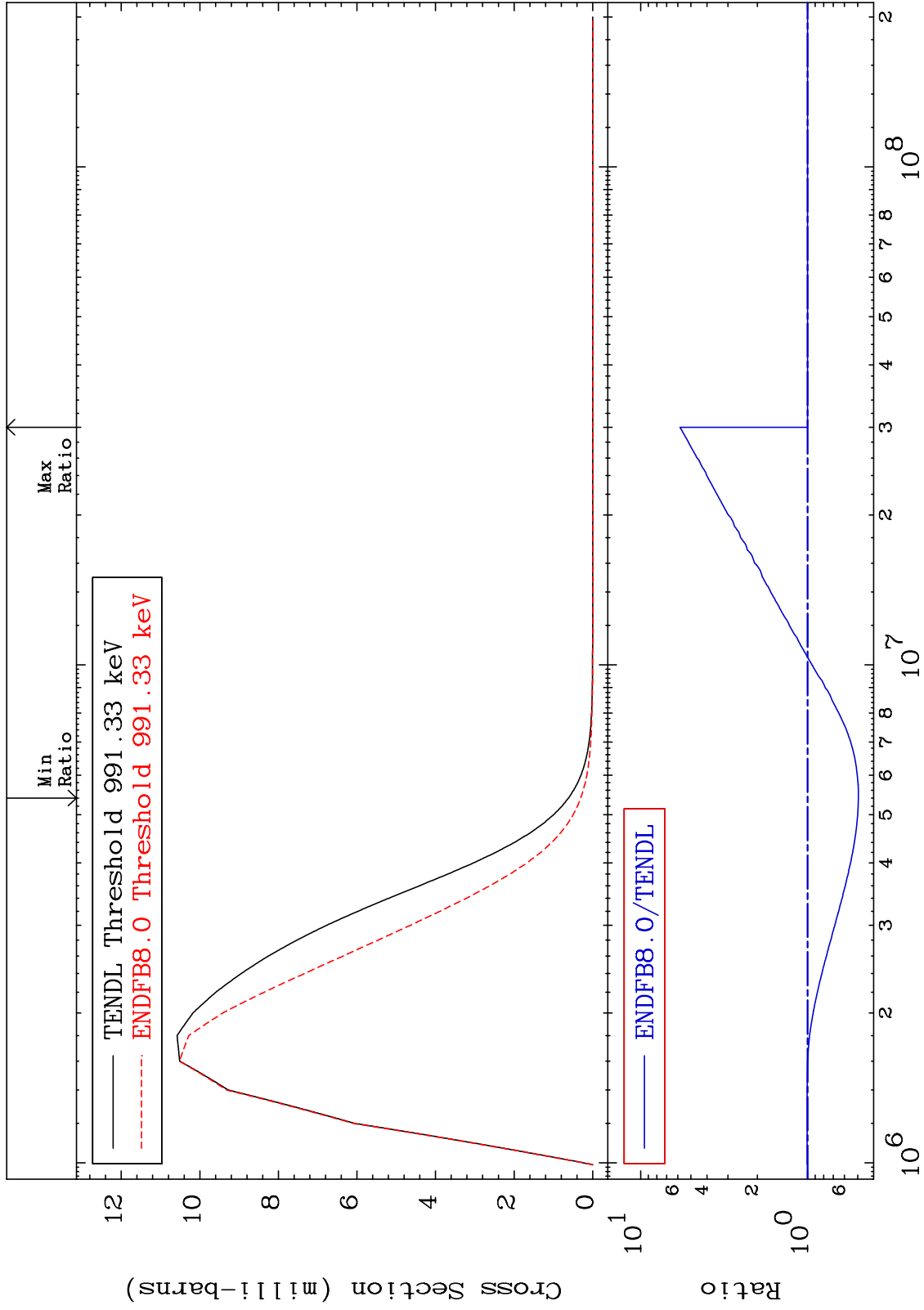
Incident Energy (eV)

32

MAT 3634

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

36-Kr-81
-50.50 To 481.4 %



33

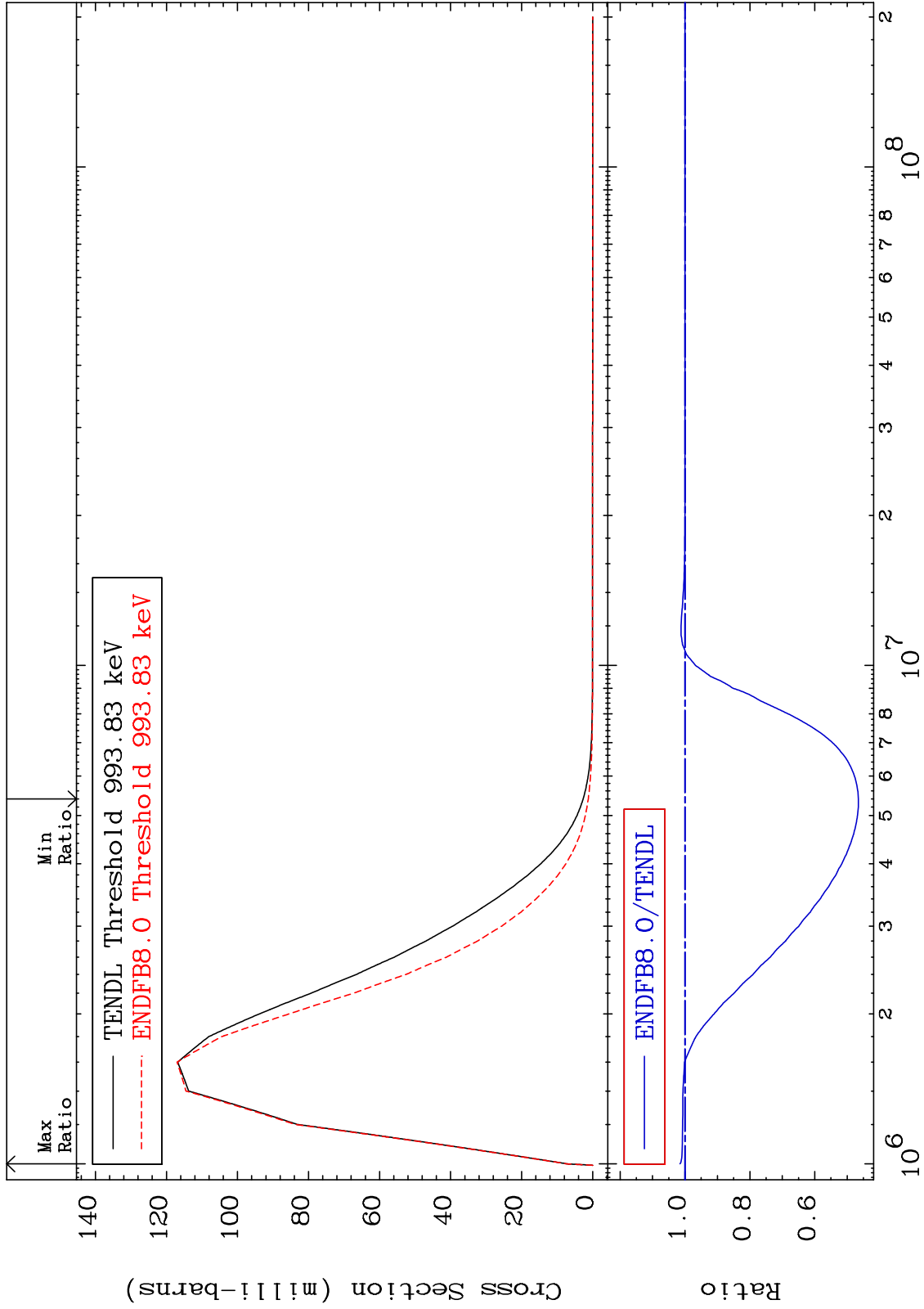
Incident Energy (eV)

36-Kr-81

MAT 3634

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

36-Kr-81
-53.45 To 1.532 %



34

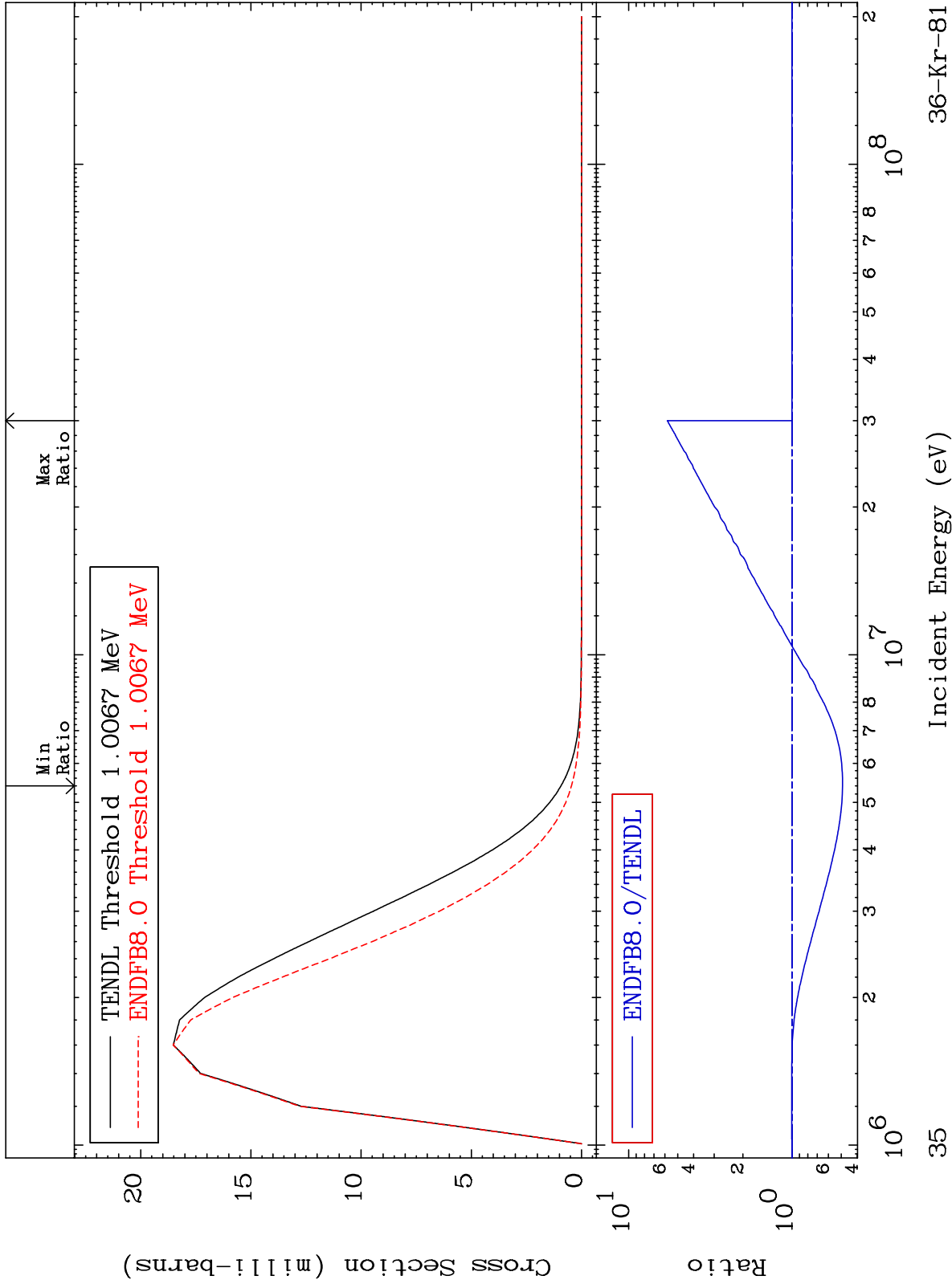
Incident Energy (eV)

36-Kr-81

MAT 3634

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

36-Kr-81
-50.95 To 480.1 %



36-Kr-81

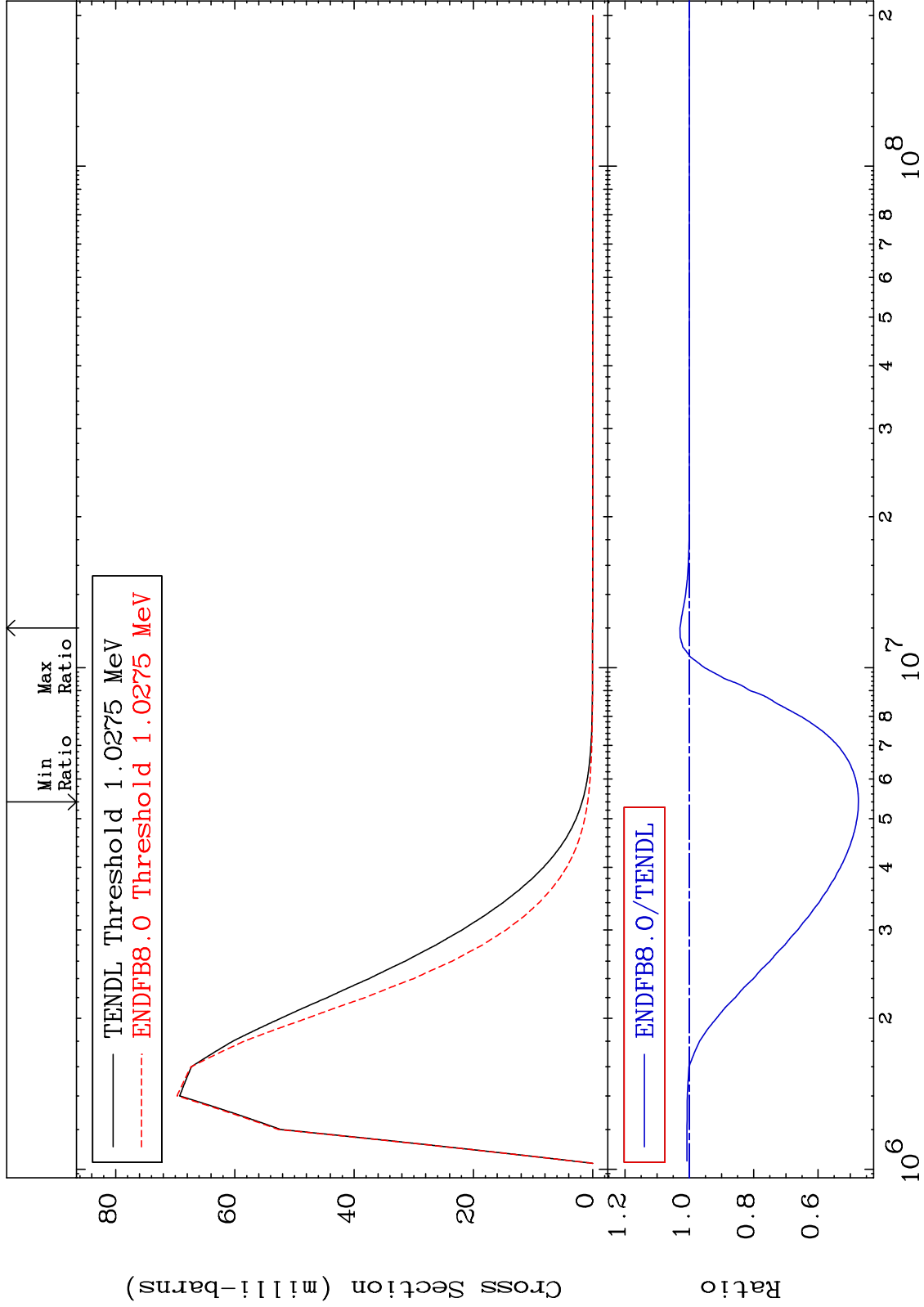
Incident Energy (eV)

35

MAT 3634

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

36-Kr-81
-52.53 To 2.891 %



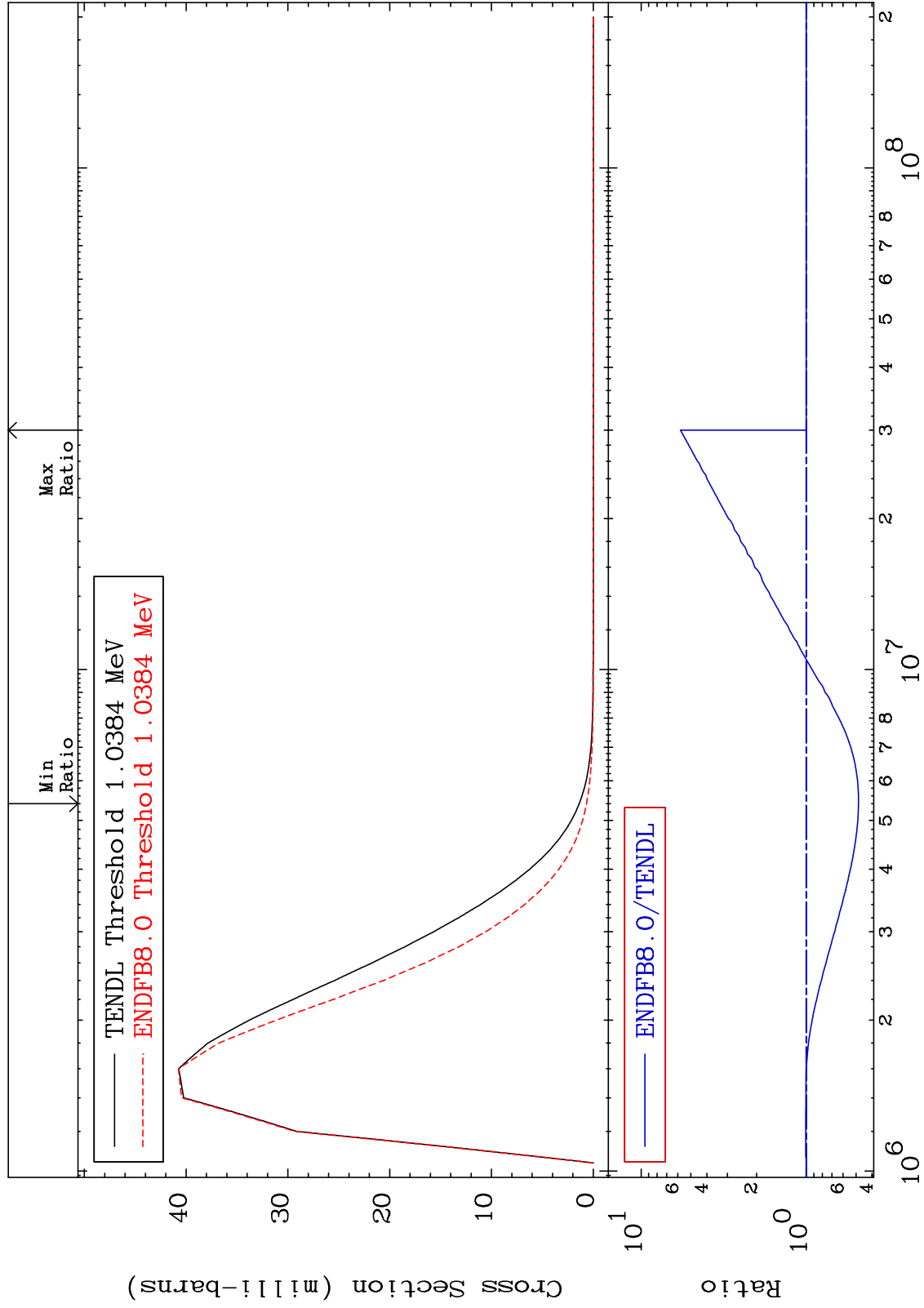
Incident Energy (eV)

36-Kr-81

MAT 3634

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

36-Kr-81
-51.72 To 477.9 %



37

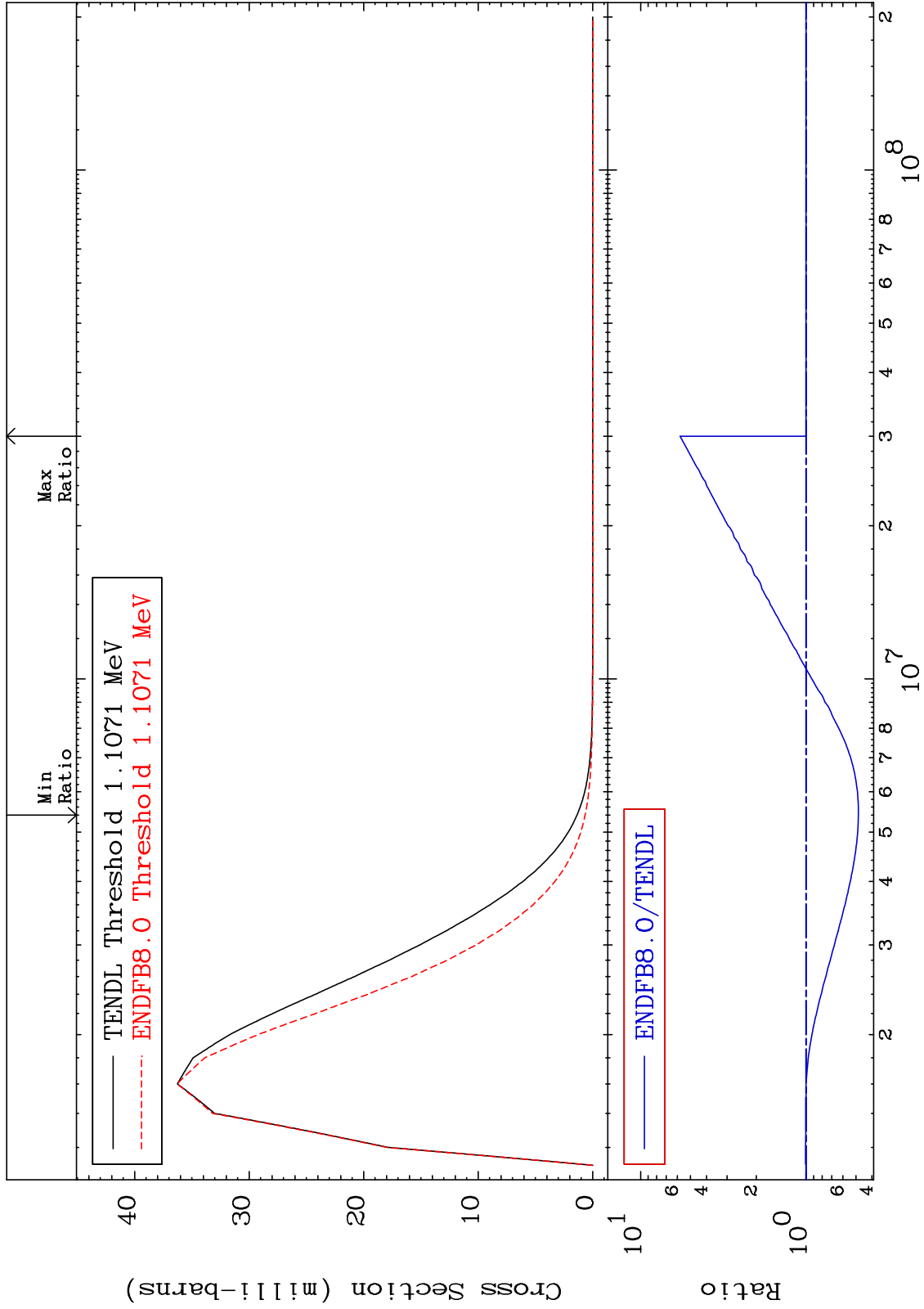
Incident Energy (eV)

36-Kr-81

MAT 3634

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

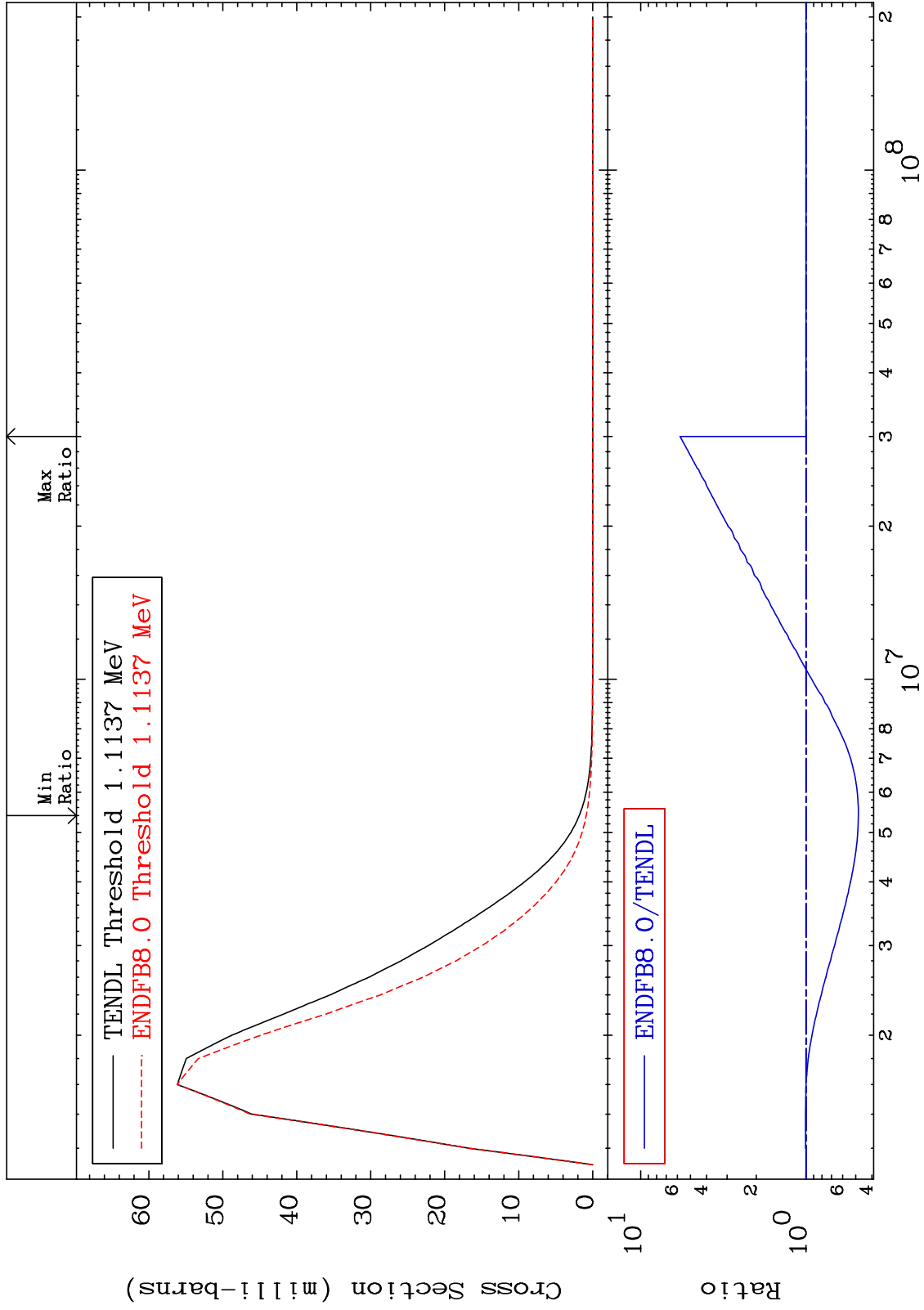
36-Kr-81
-51.71 To 478.0 %



MAT 3634

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

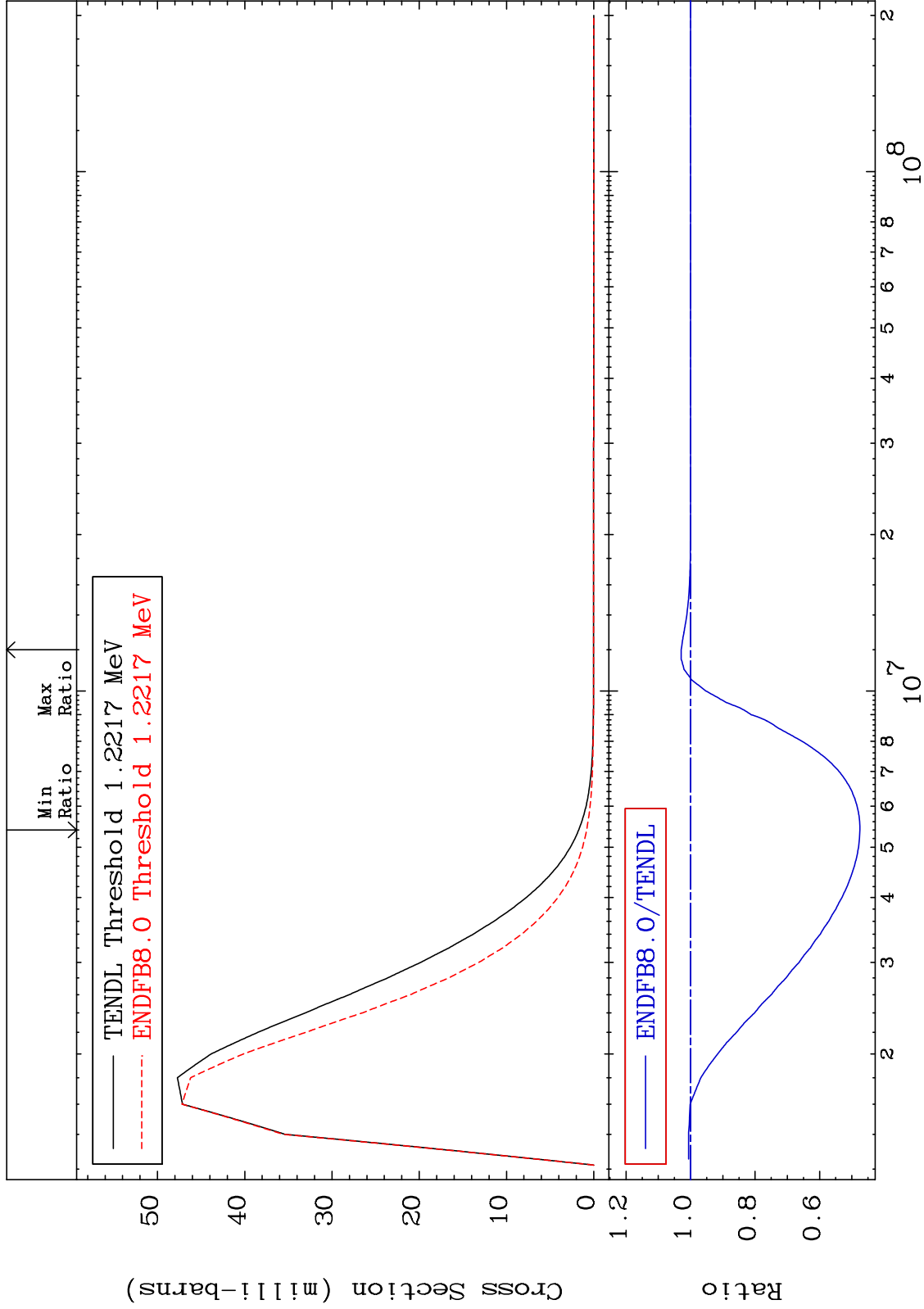
36-Kr-81
-51.80 To 478.0 %



MAT 3634

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

36-Kr-81
-52.51 To 2.895 %



40

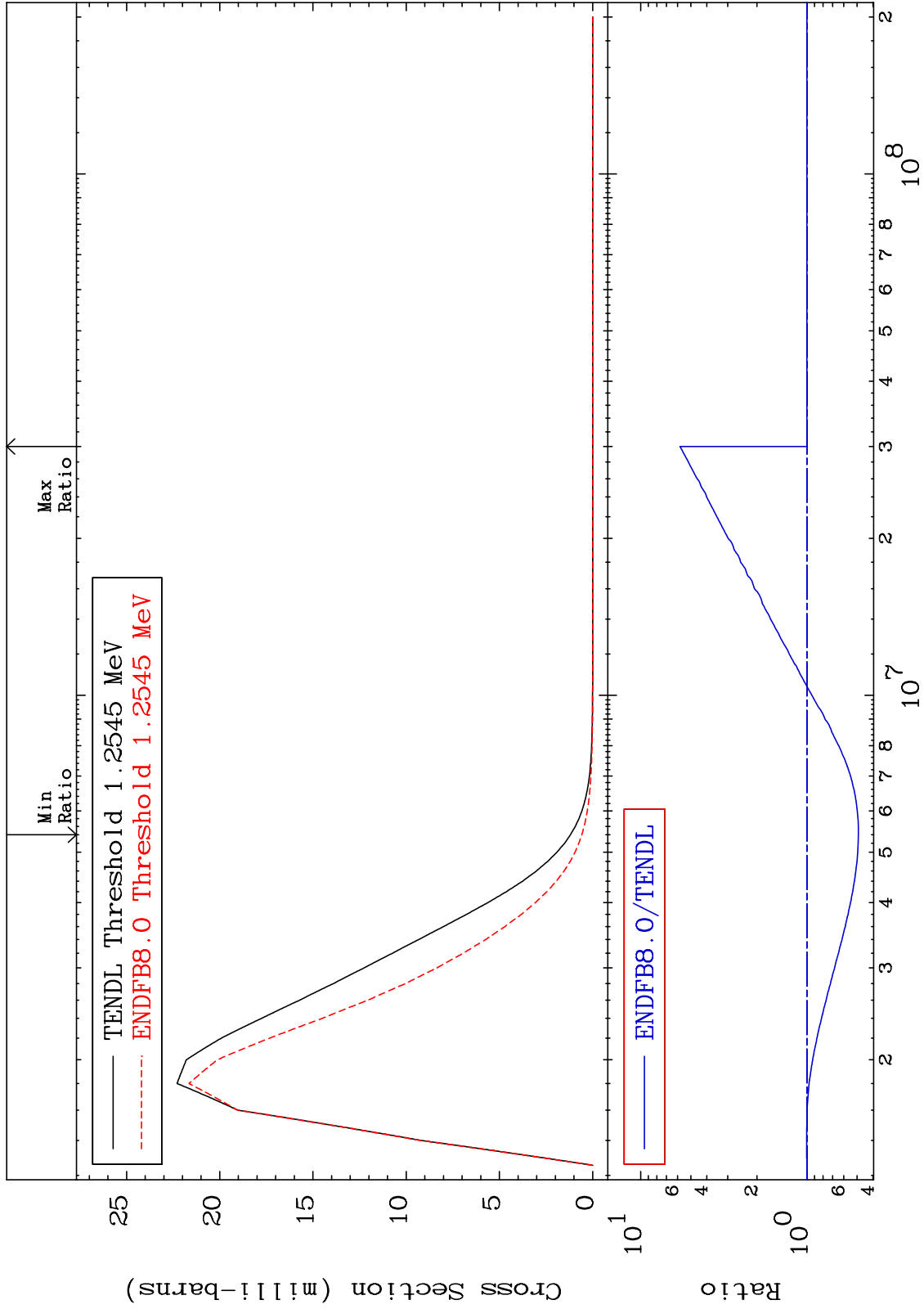
Incident Energy (eV)

36-Kr-81

MAT 3634

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

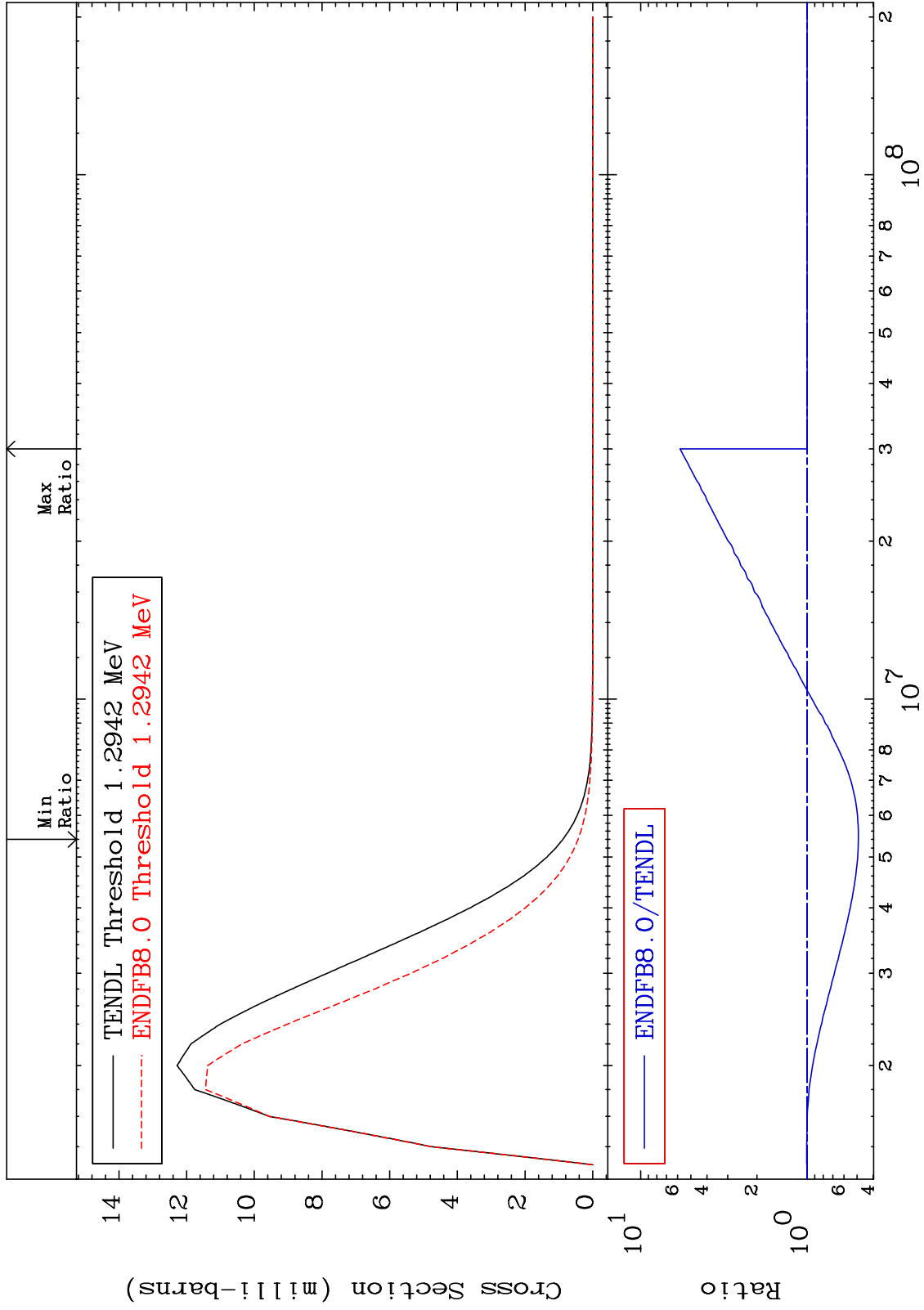
36-Kr-81
-50.99 To 480.2 %



MAT 3634

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

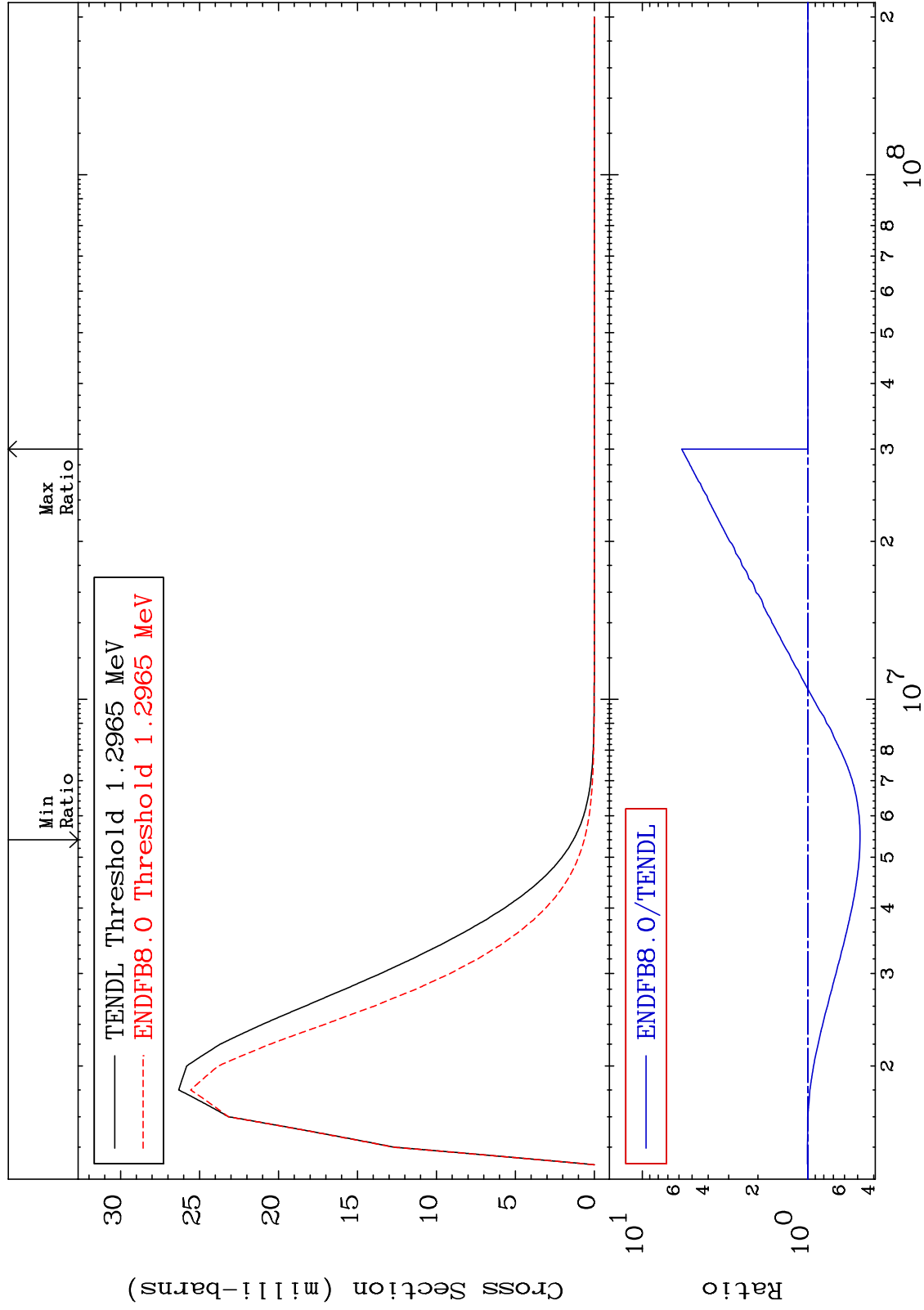
36-Kr-81
-50.89 To 480.2 %



MAT 3634

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

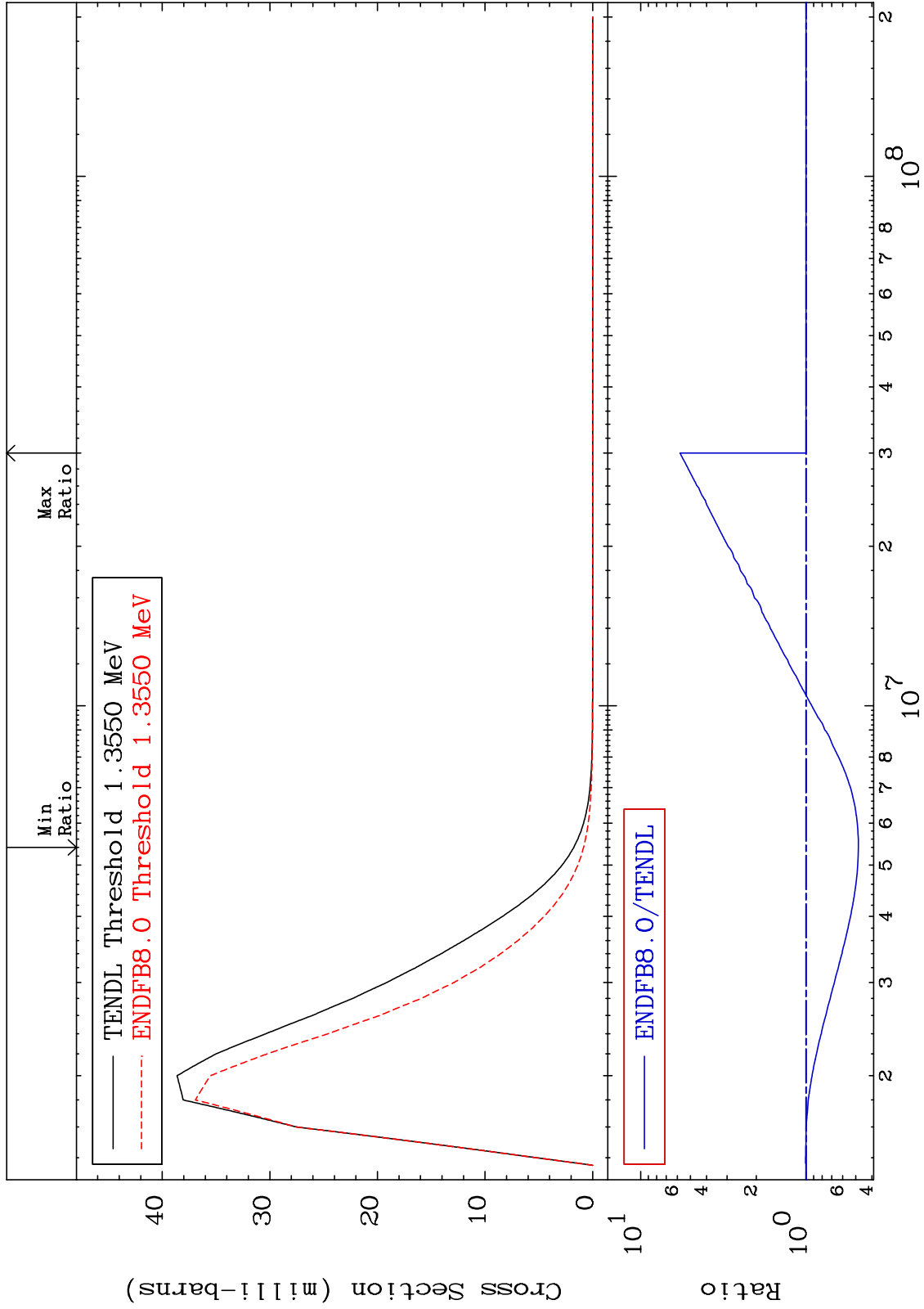
36-Kr-81
-51.67 To 478.1 %



MAT 3634

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

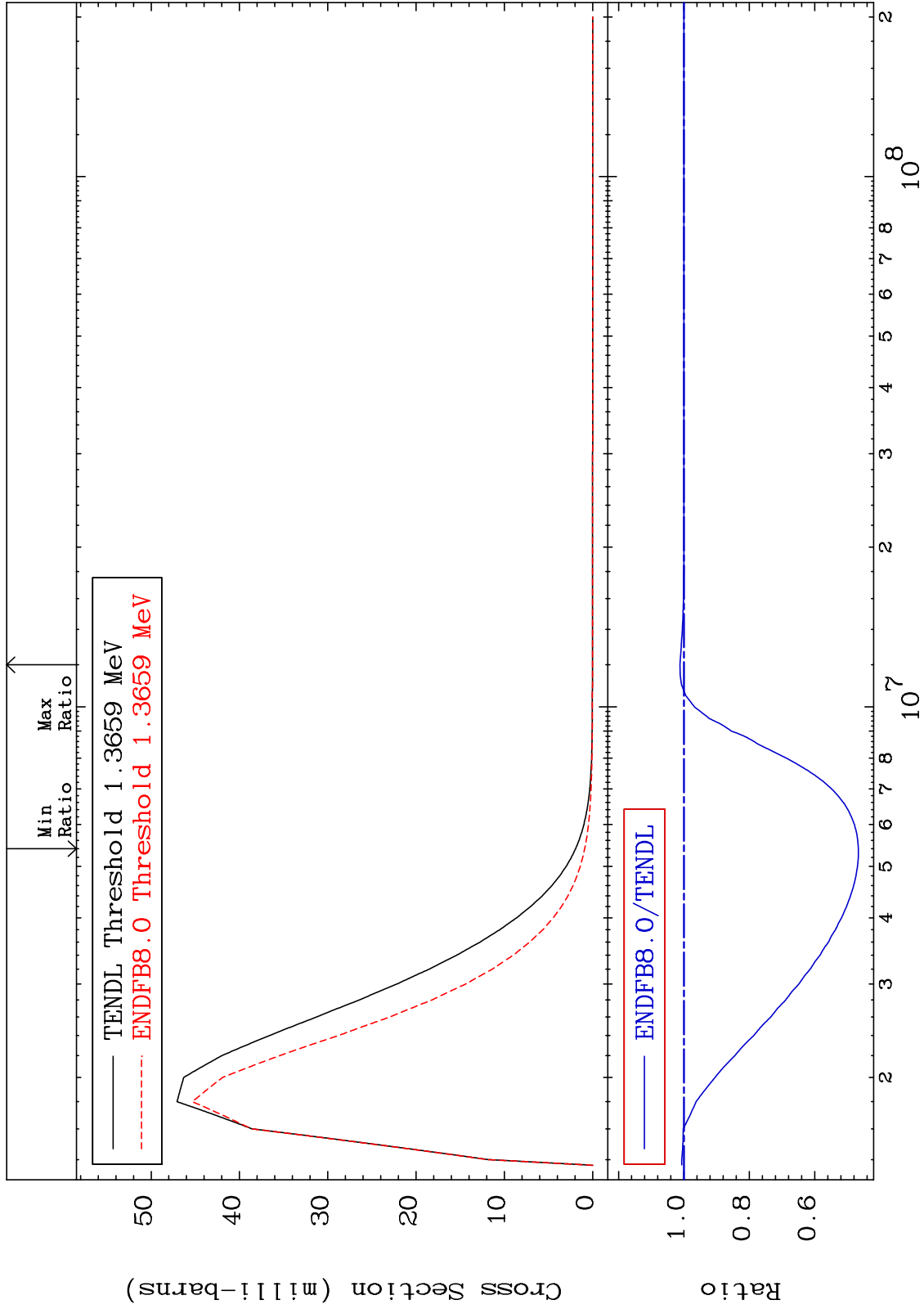
36-Kr-81
-51.78 To 478.1 %



MAT 3634

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

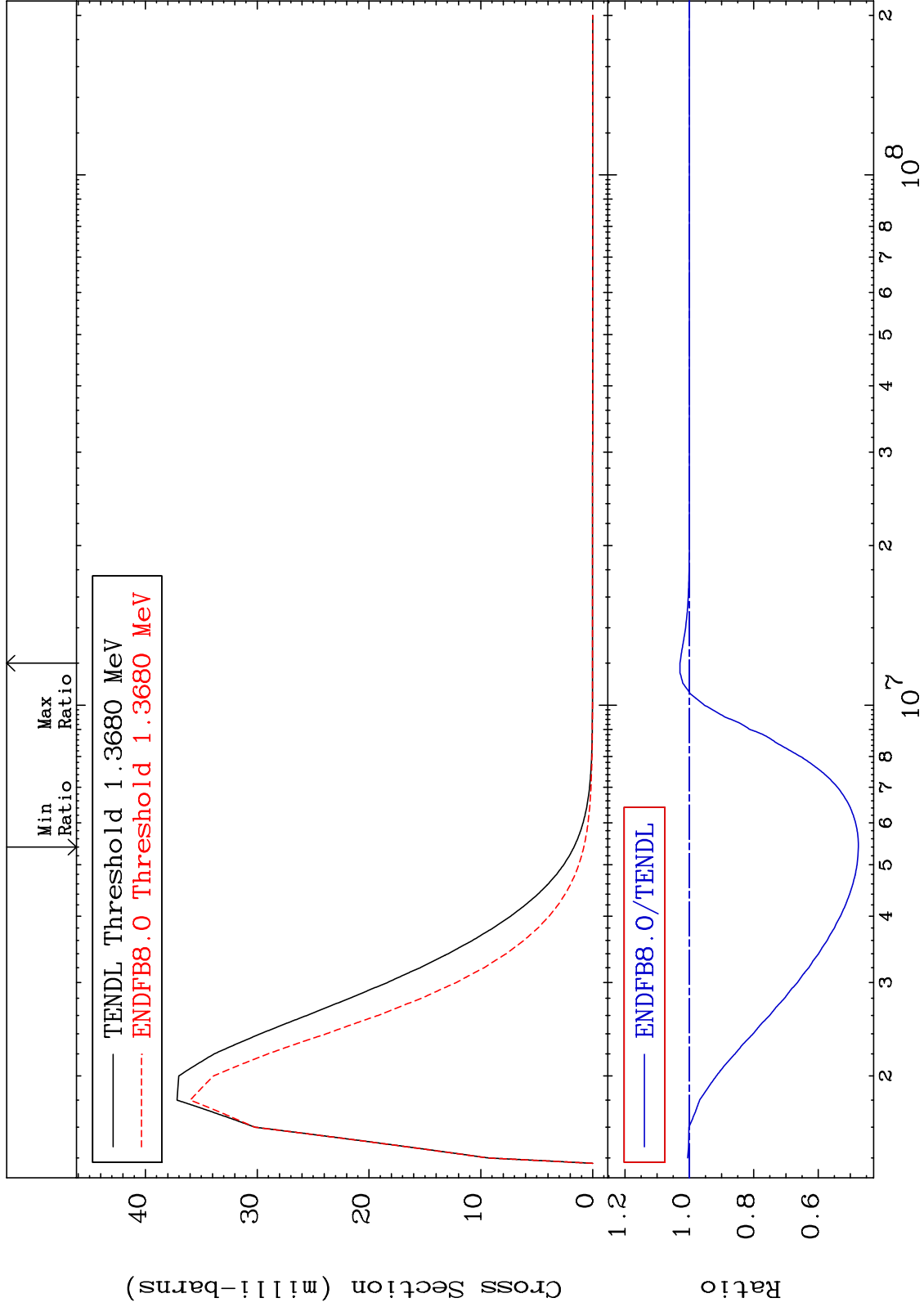
36-Kr-81
-53.35 To 1.204 %



MAT 3634

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

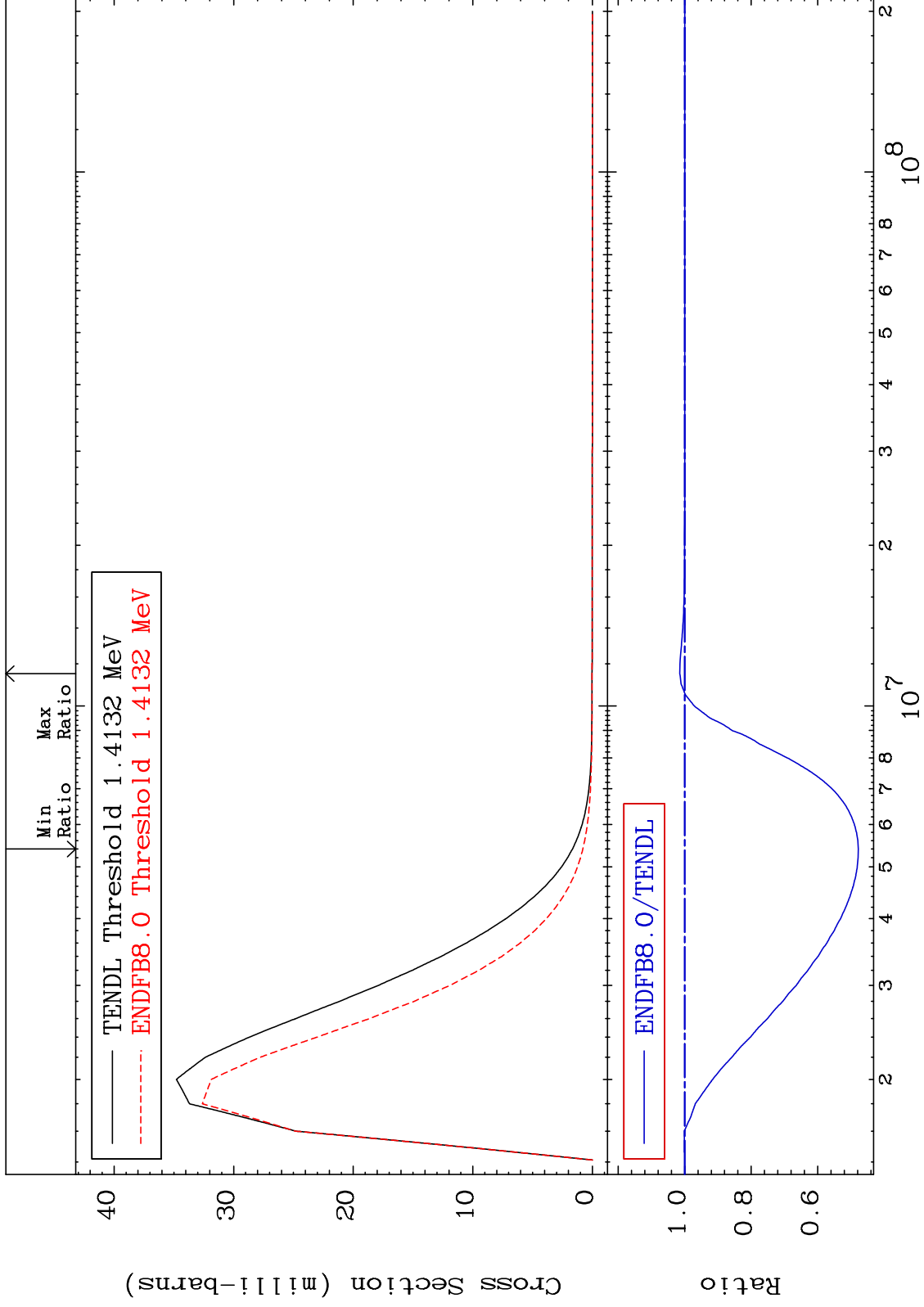
36-Kr-81
-52.49 To 2.896 %



MAT 3634

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

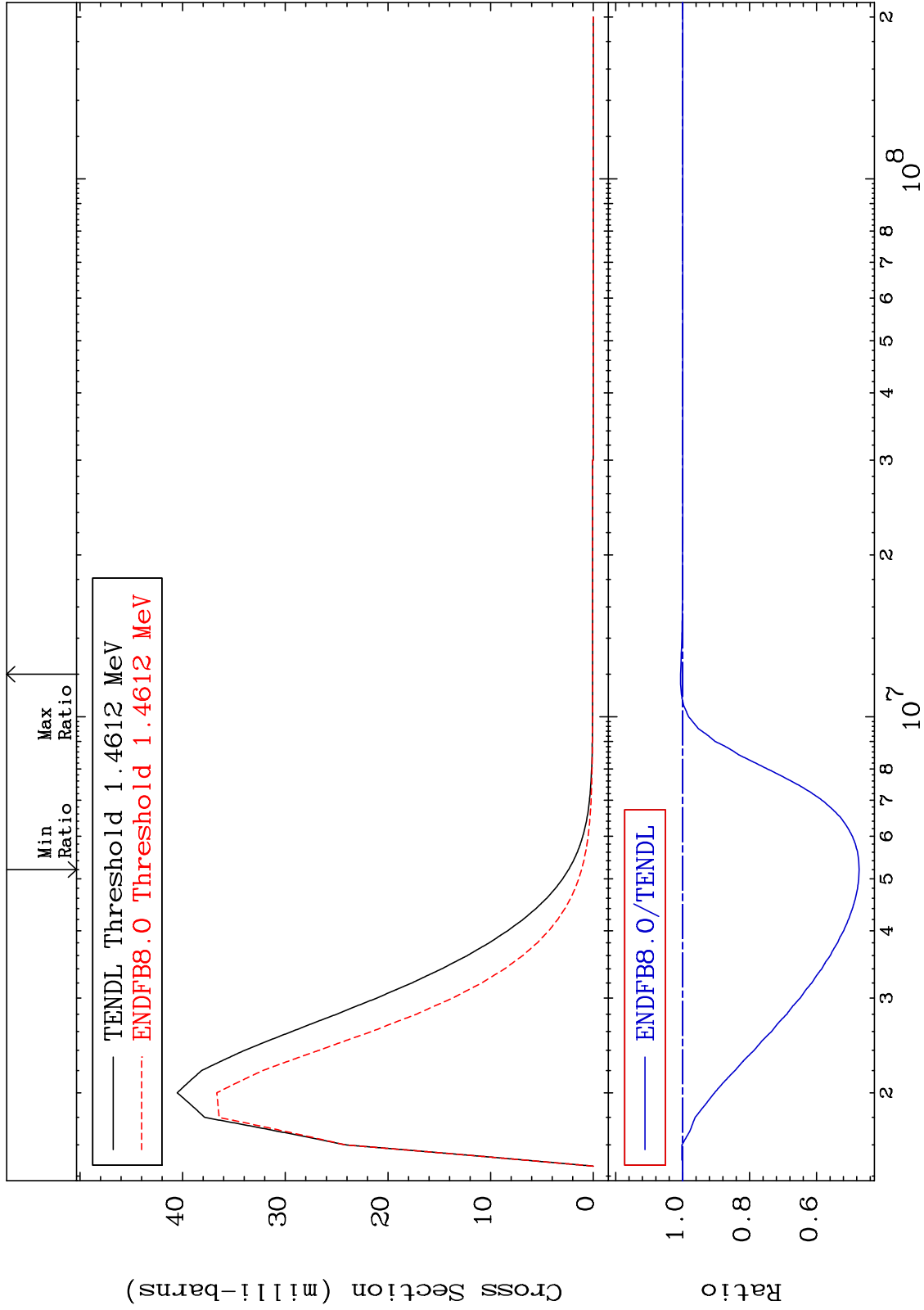
36-Kr-81
-52.21 To 1.463 %



MAT 3634

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

36-Kr-81
-52.70 To 0.603 %



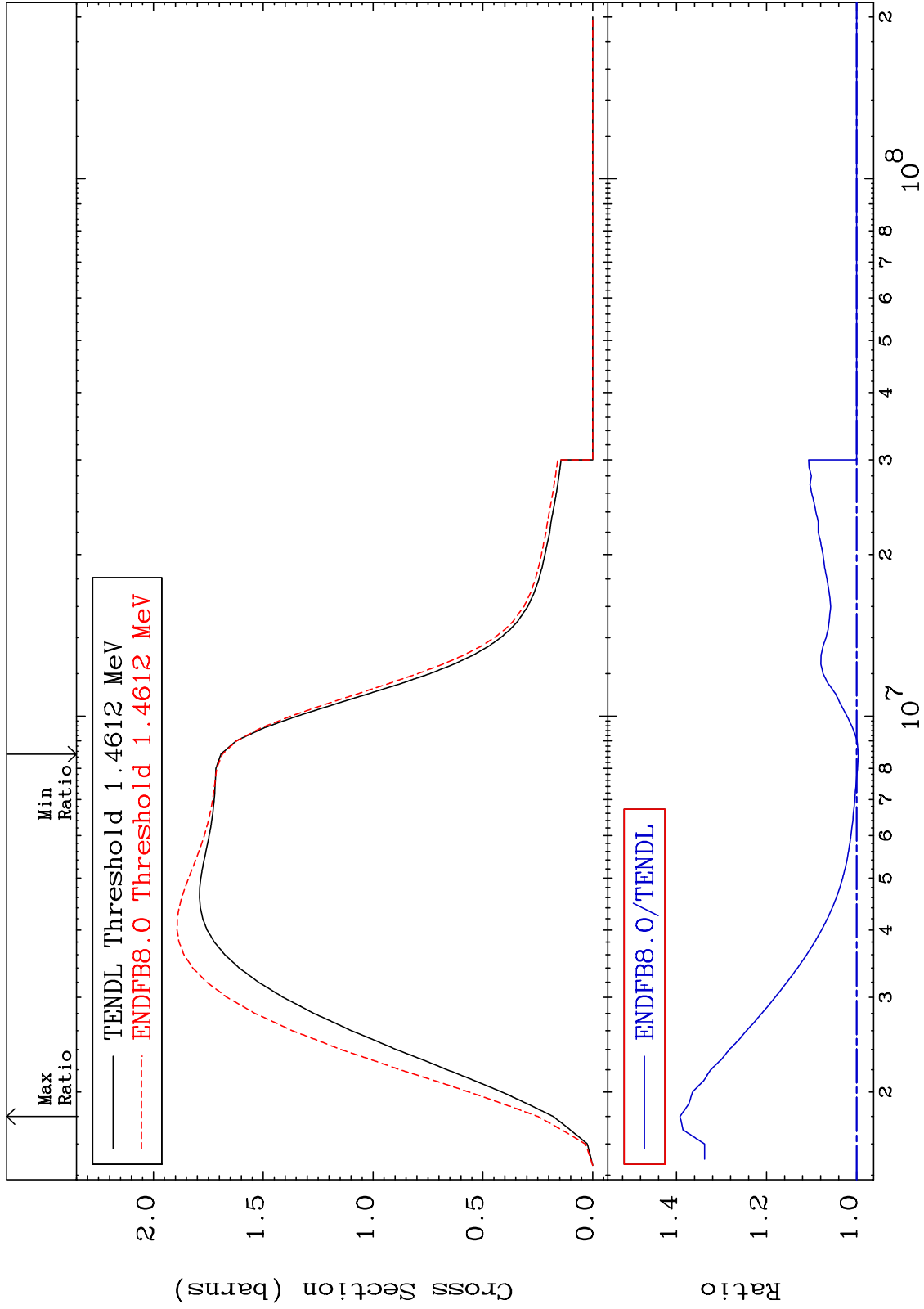
48

36-Kr-81

MAT 3634

(n, n') Continuum
Cross Section

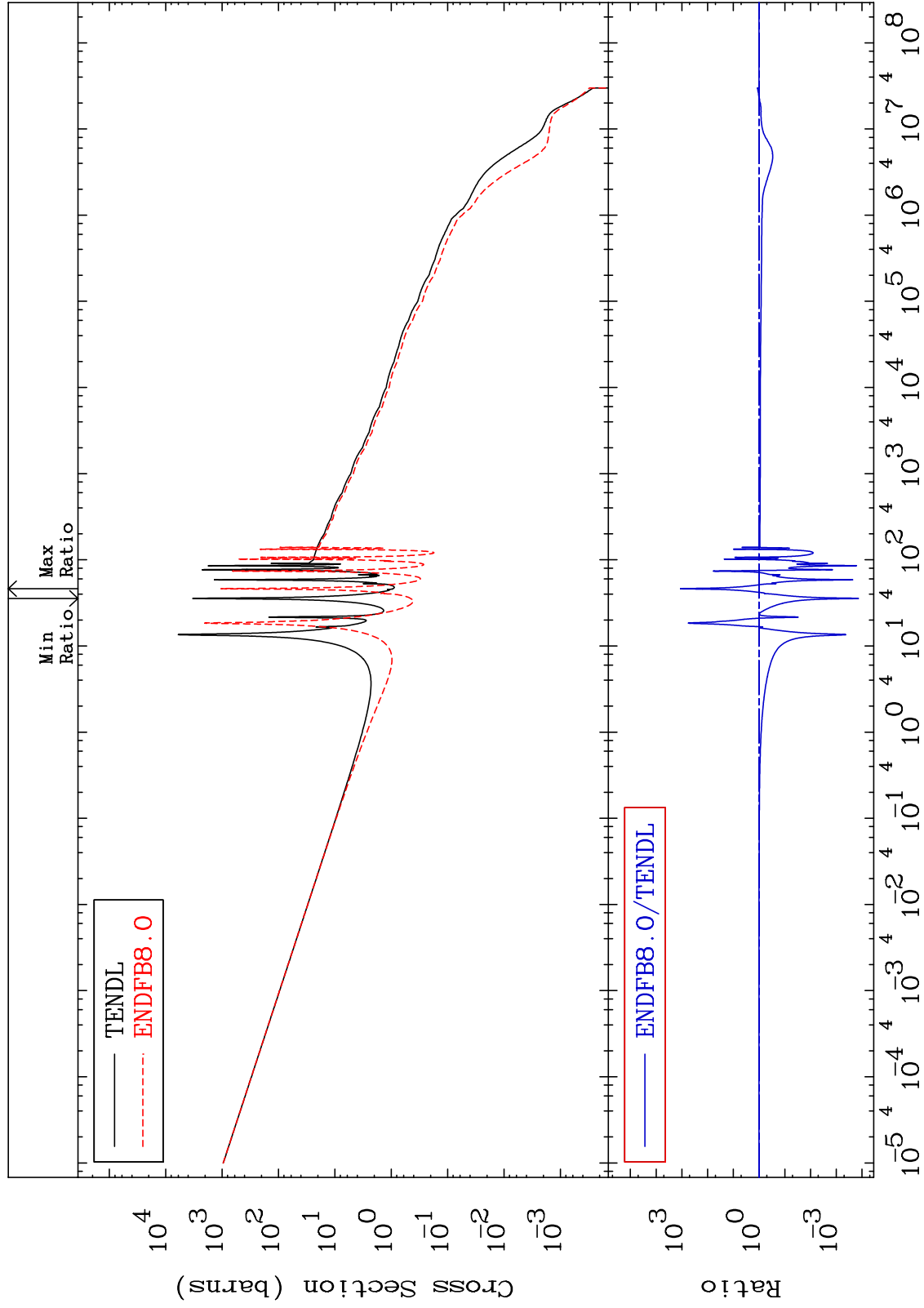
36-Kr-81
-0.392 To 39.23 %



MAT 3634

(n, γ)
Cross Section

36-Kr-81
-99.99 To 9999. %



50

Incident Energy (eV)

36-Kr-81

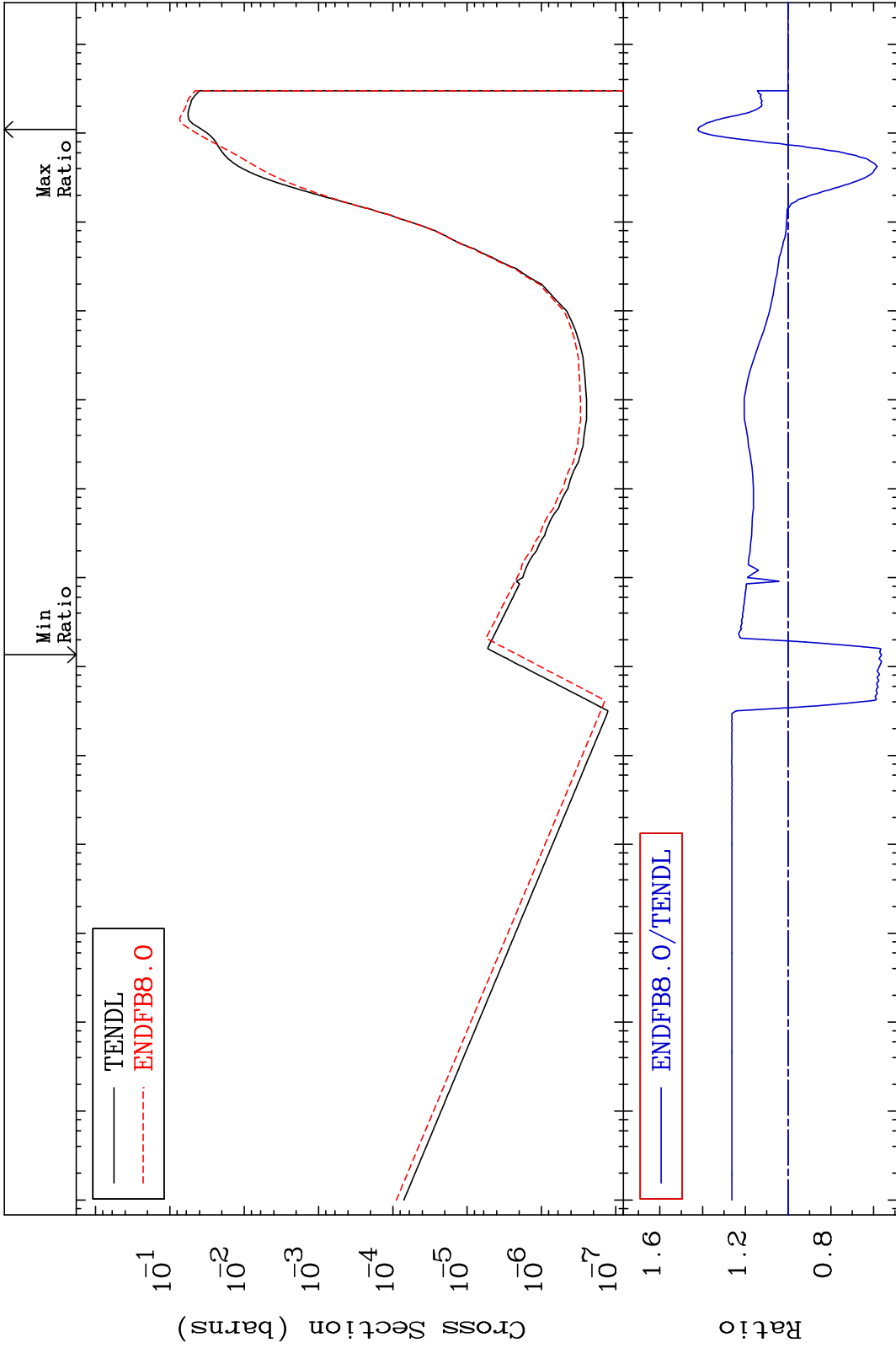
MAT 3634

(n, p)

36-Kr-81

Cross Section

-43.69 To 42.25 %



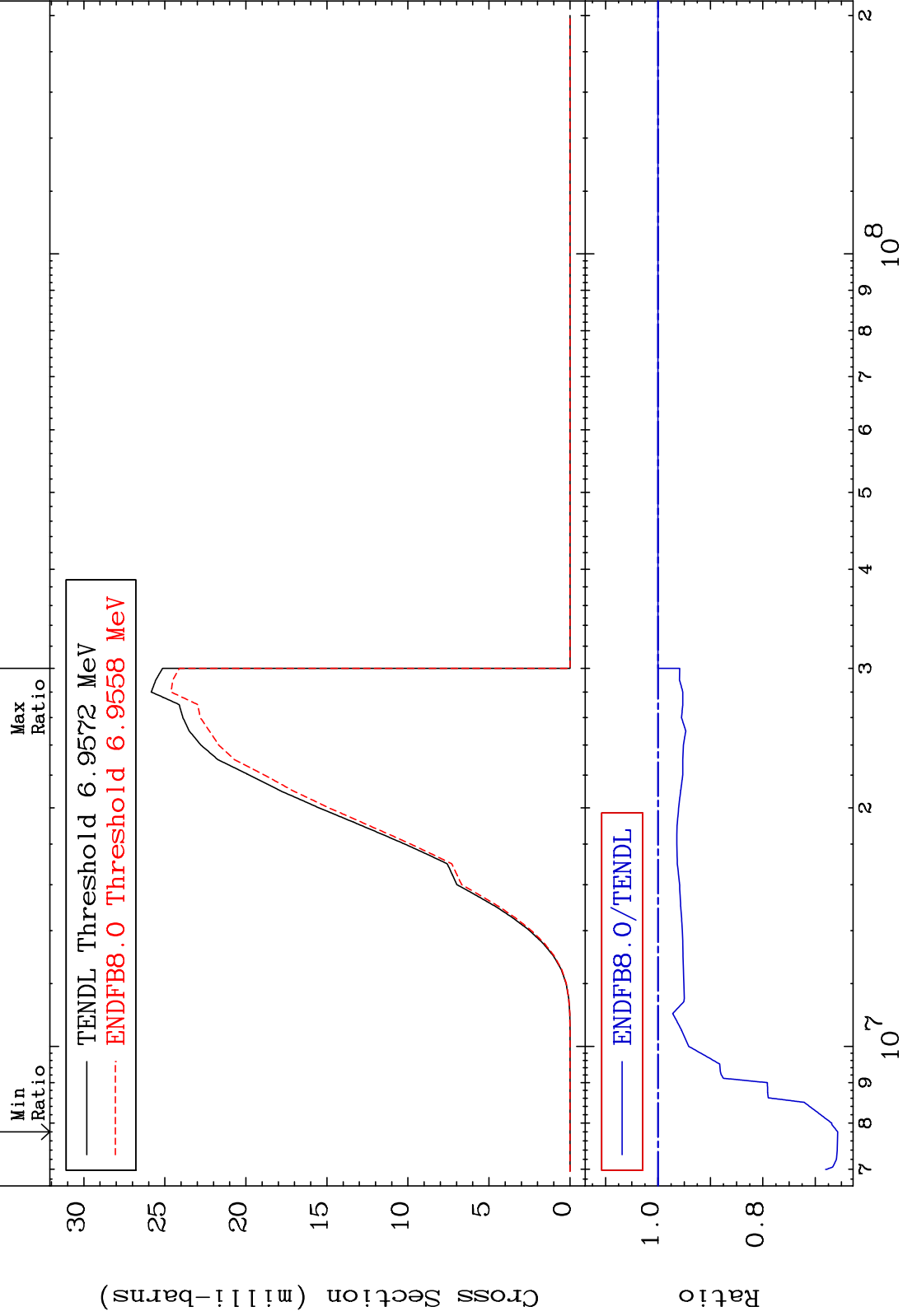
MAT 3634

(n, d)

36-Kr-81

Cross Section

Cross Section



52

Incident Energy (eV)

36-Kr-81

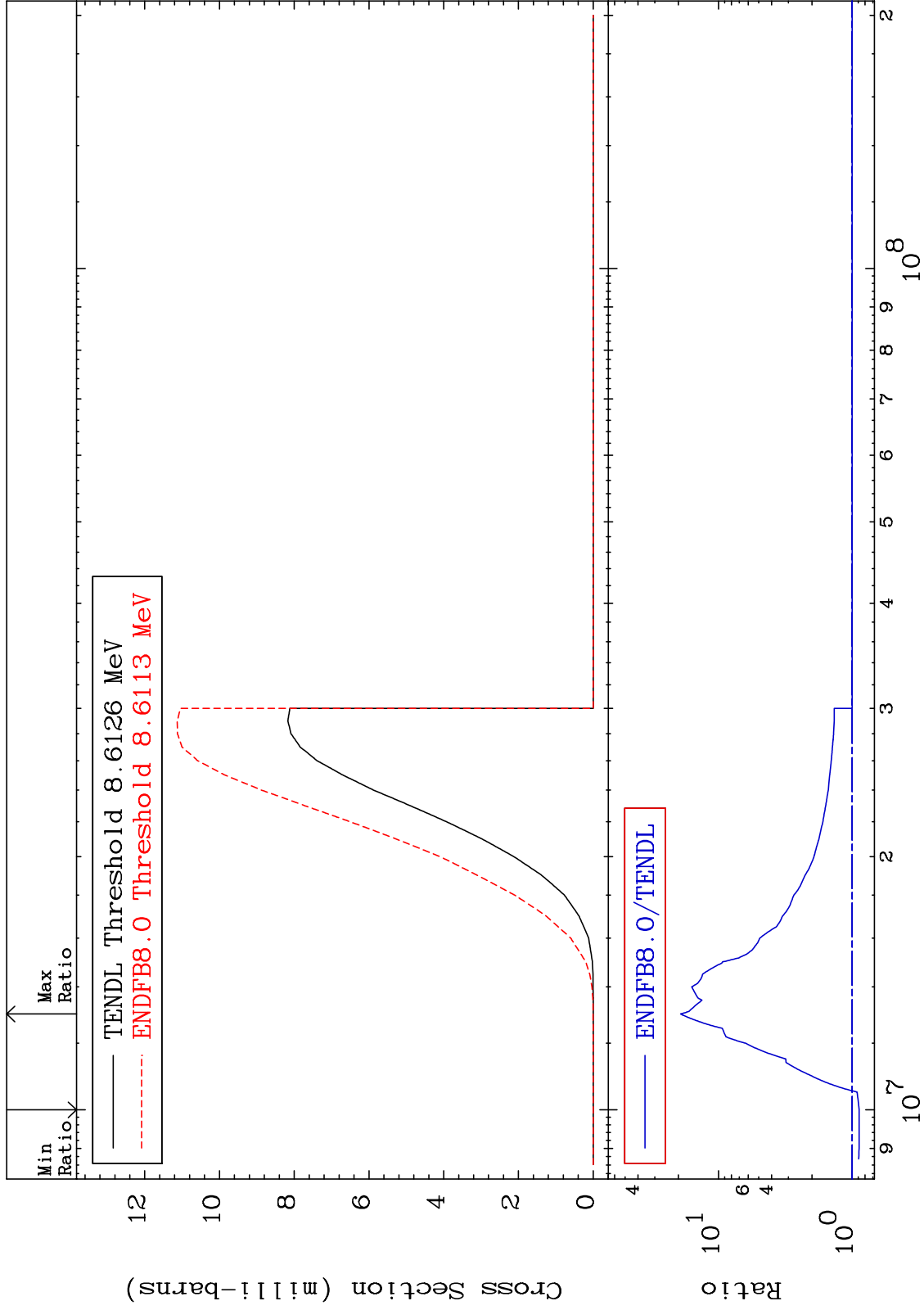
MAT 3634

(n, t)

³⁶Kr-81

Cross Section

-11.42 To 1821. %



MAT 3634

(n, He-3)

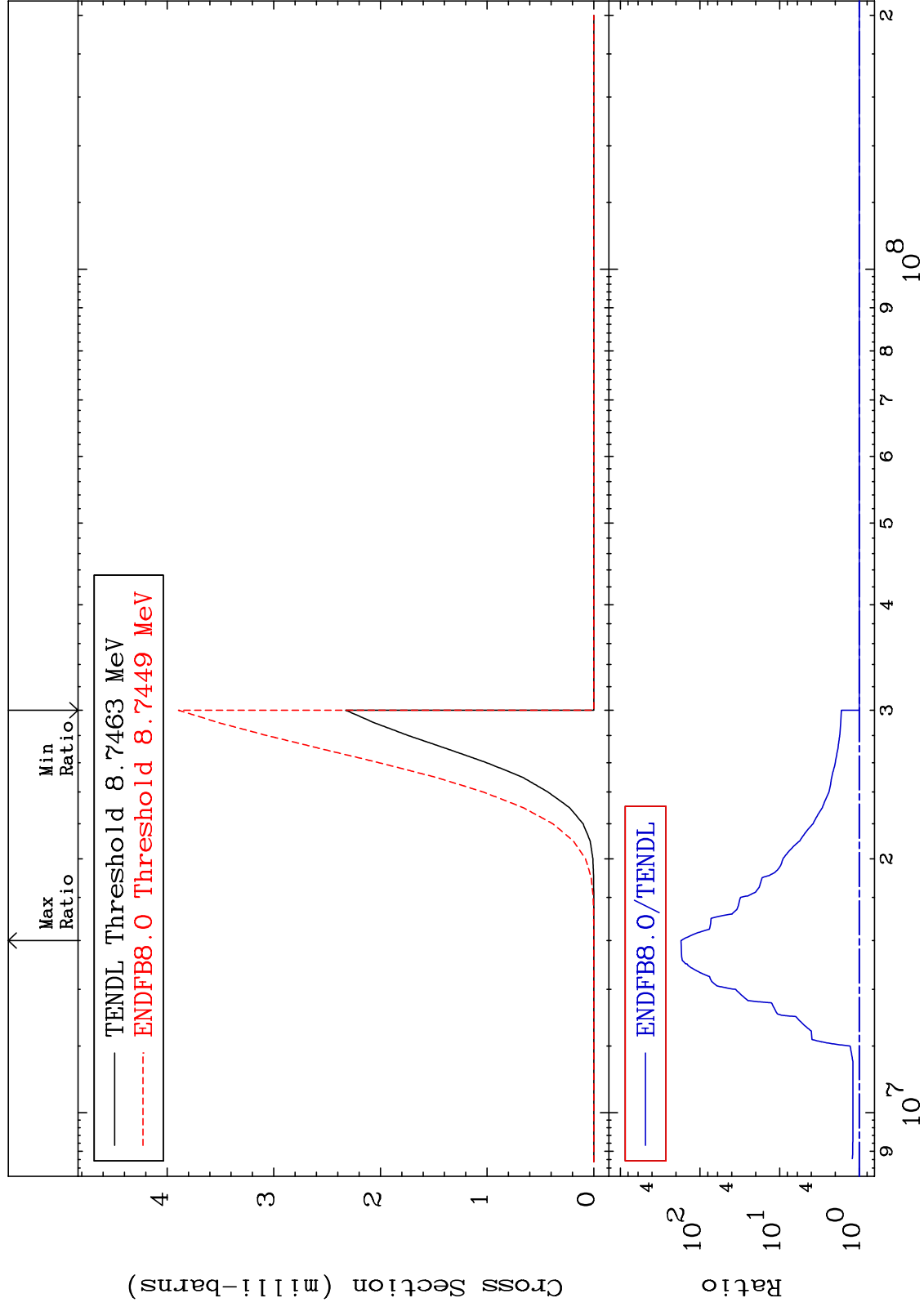
³⁶Kr-81

Cross Section

Cross Section

0.000

To 9999. %



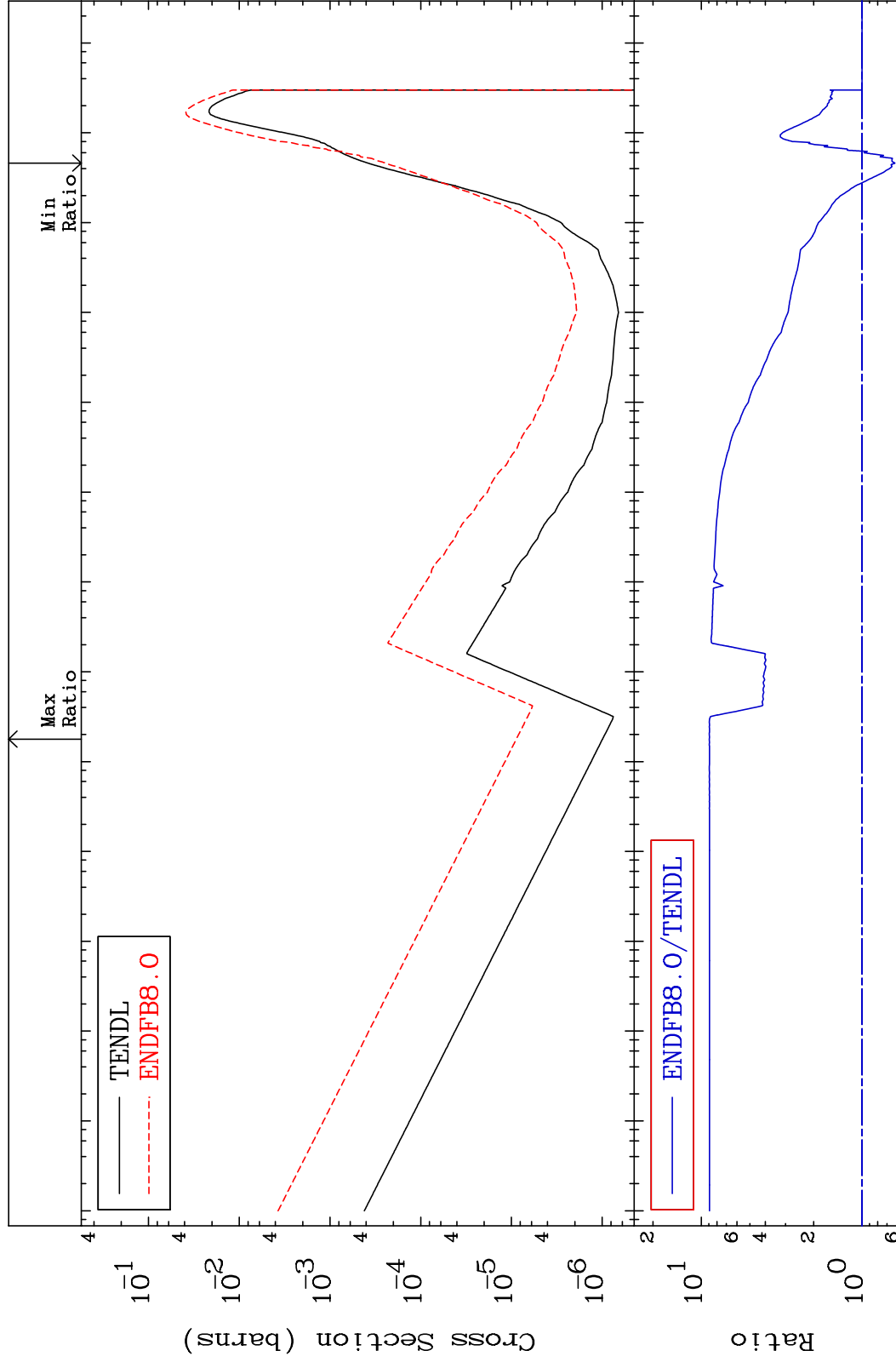
MAT 3634

(n, α)

³⁶Kr-81

-37.60 To 792.8 %

Cross Section



Incident Energy (eV)

³⁶Kr-81

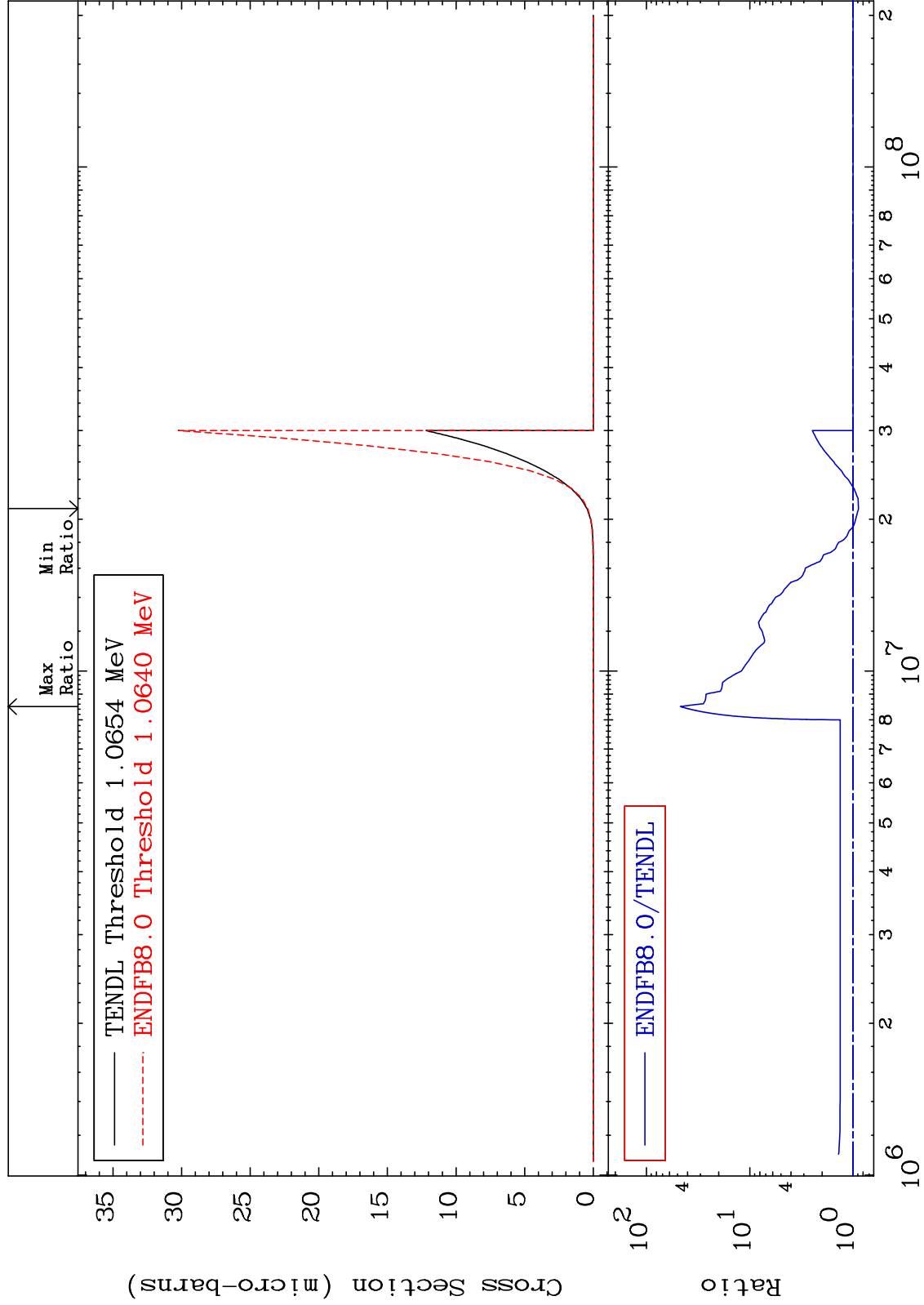
MAT 3634

(n, 2α)

³⁶Kr-81

-11.32 To 4589. %

Cross Section



56

Incident Energy (eV)

³⁶Kr-81

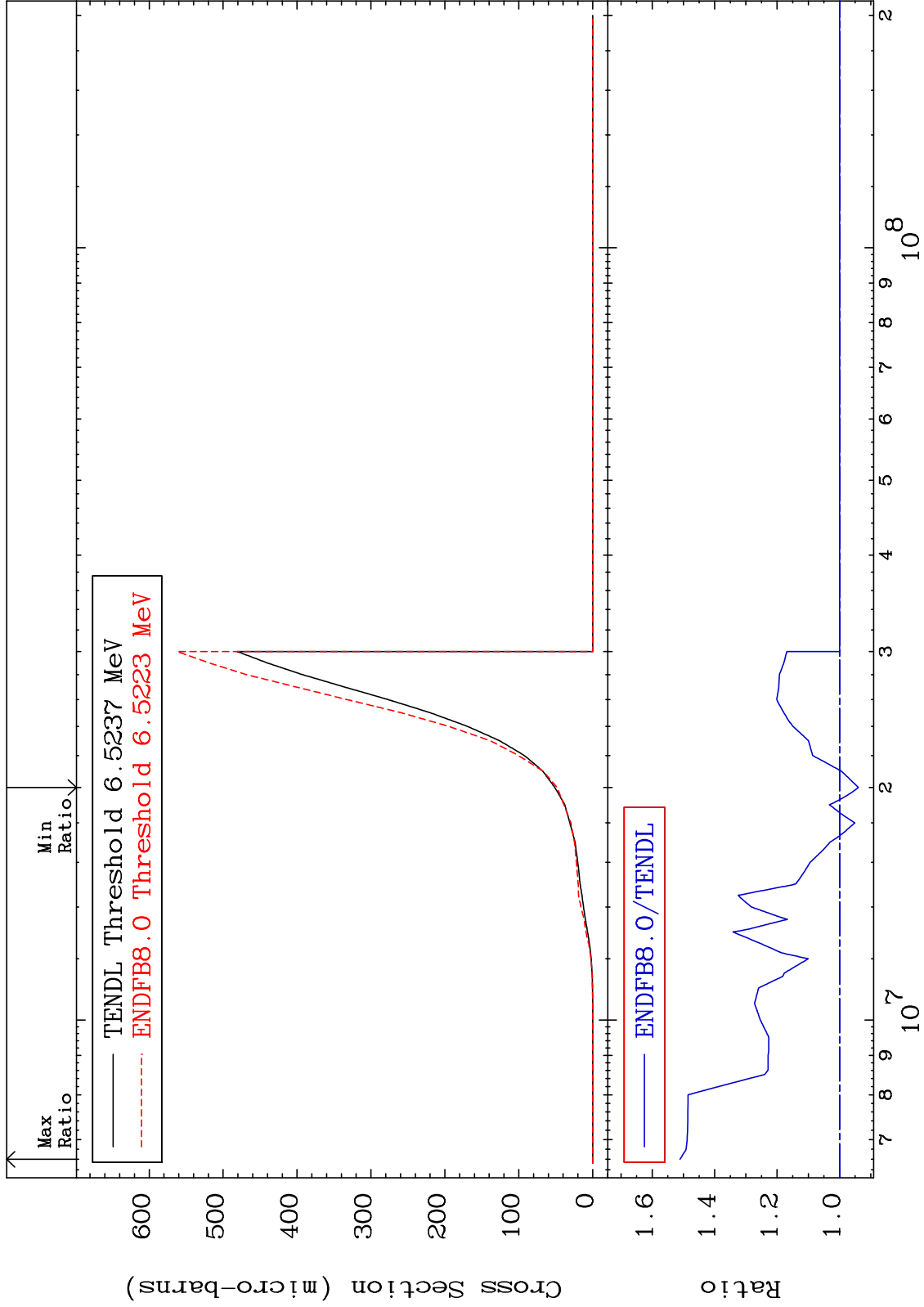
MAT 3634

(n,2p)

36-Kr-81

Cross Section

-6.033 To 51.09 %



57

Incident Energy (eV)

36-Kr-81

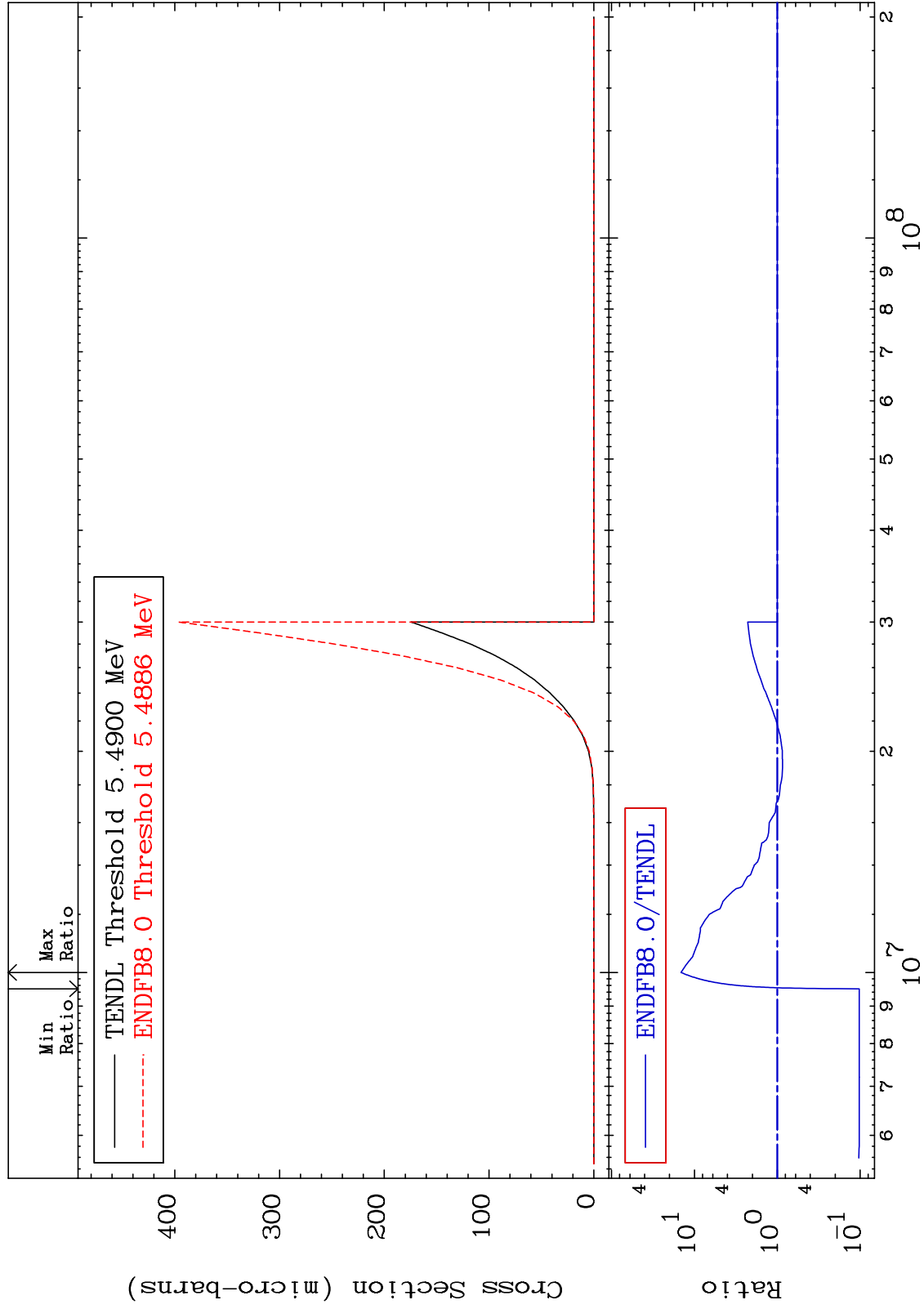
MAT 3634

(n,p) α

36-Kr-81

Cross Section

-89.75 To 1350. %



58

Incident Energy (eV)

36-Kr-81

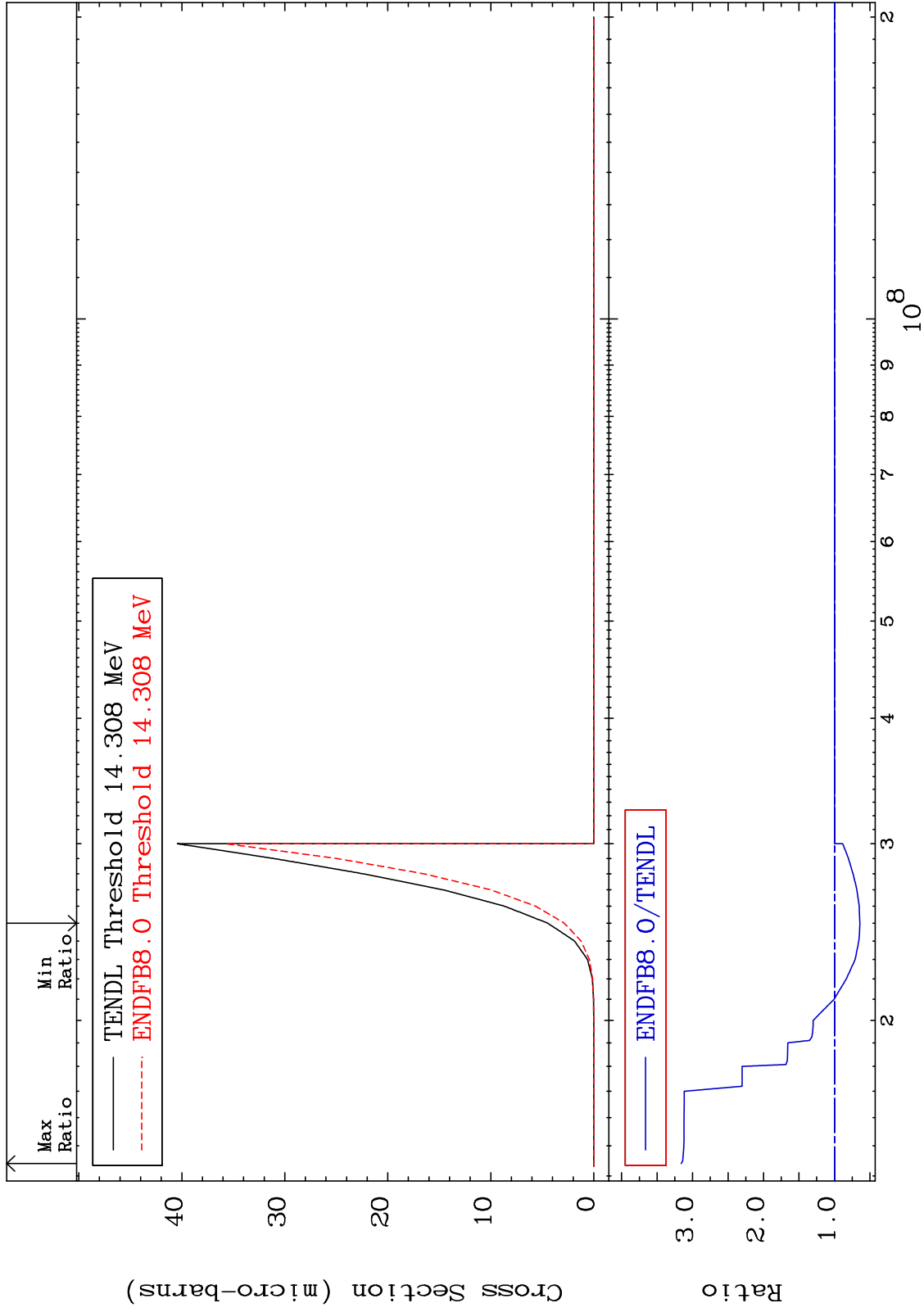
MAT 3634

(n,p) d

36-Kr-81

Cross Section

-35.90 To 216.0 %



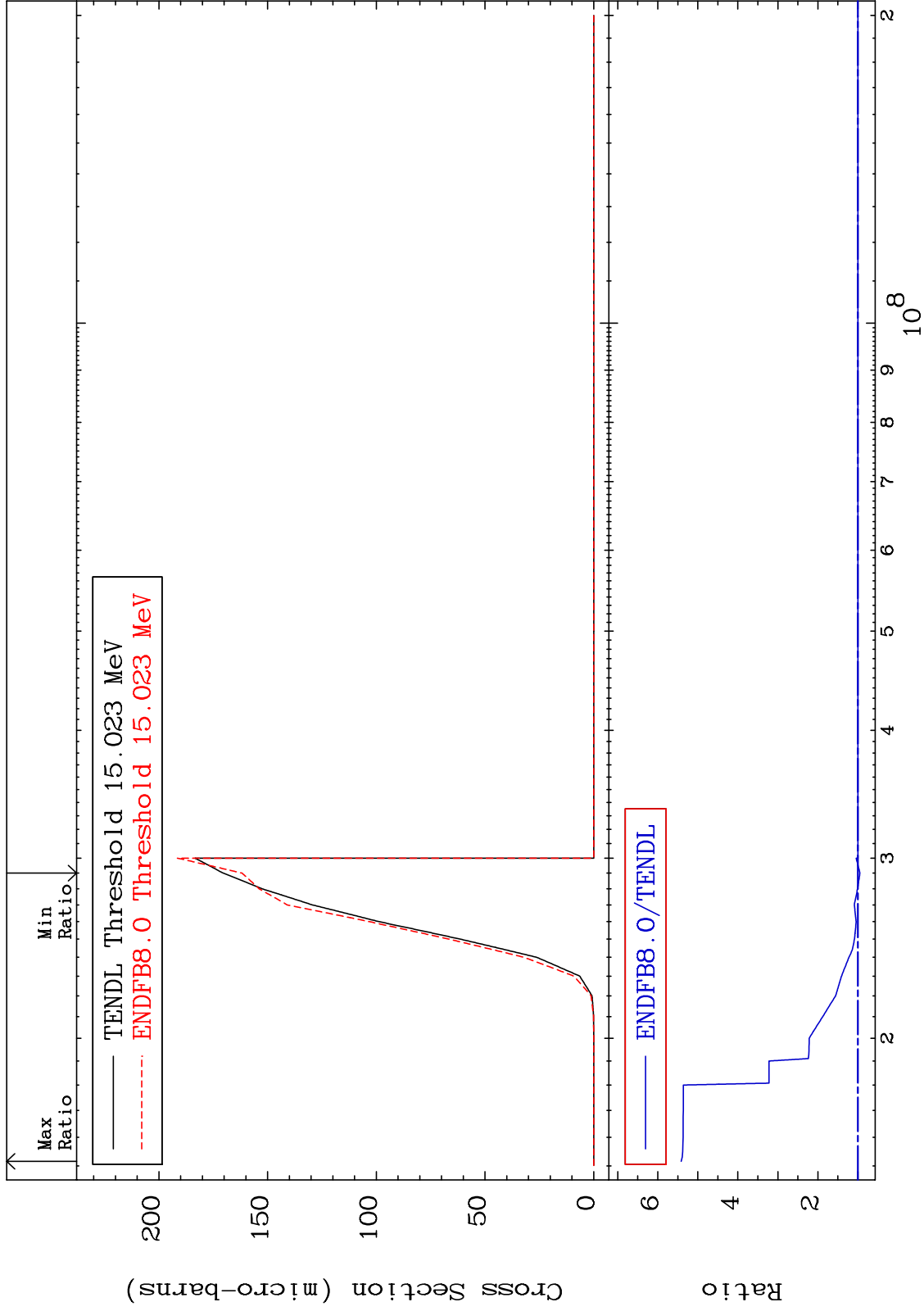
MAT 3634

(n,p) t

³⁶Kr-81

Cross Section

-5.086 To 441.4 %



60

Incident Energy (eV)

³⁶Kr-81

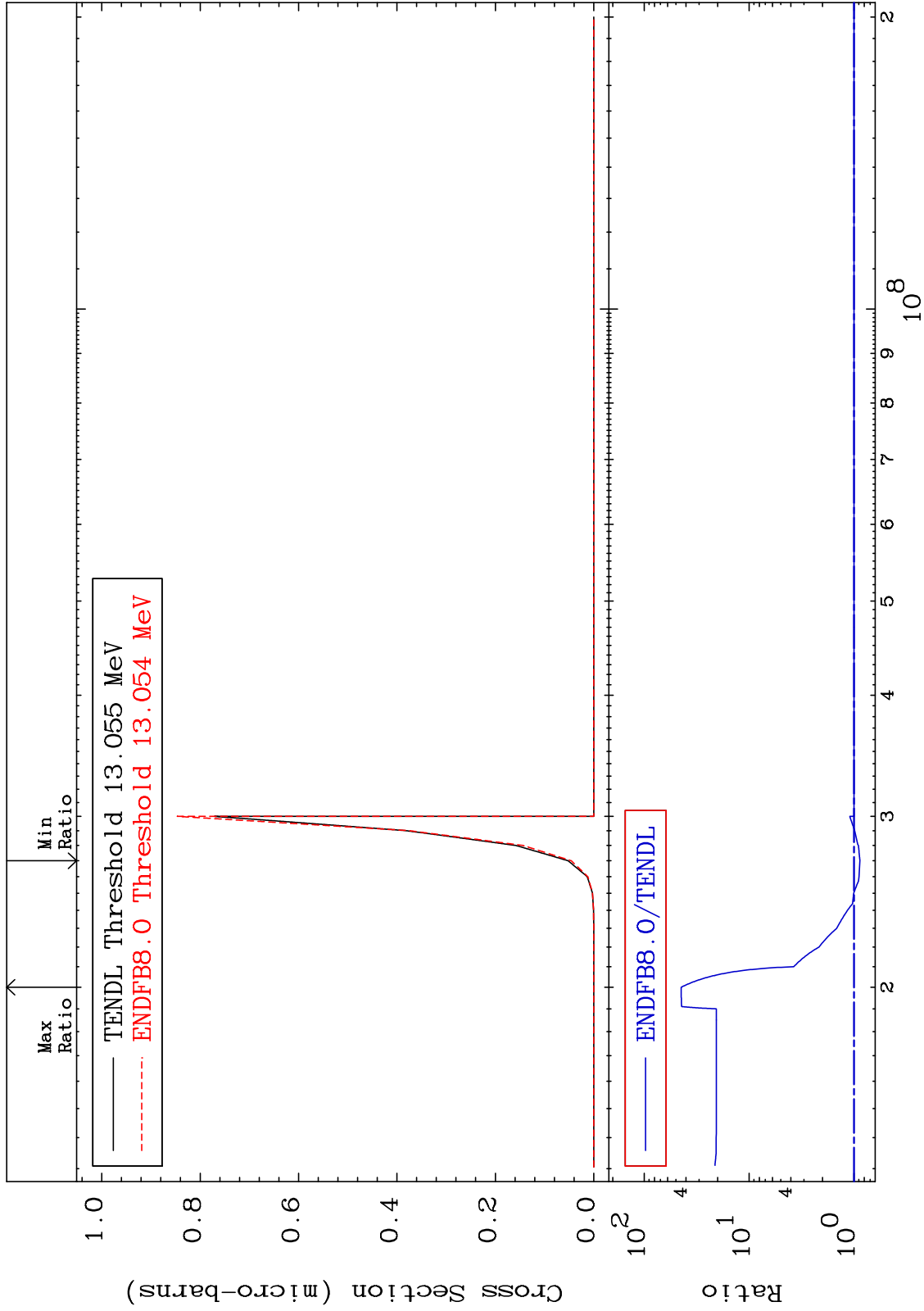
MAT 3634

(n,d) α

³⁶Kr-81

Cross Section

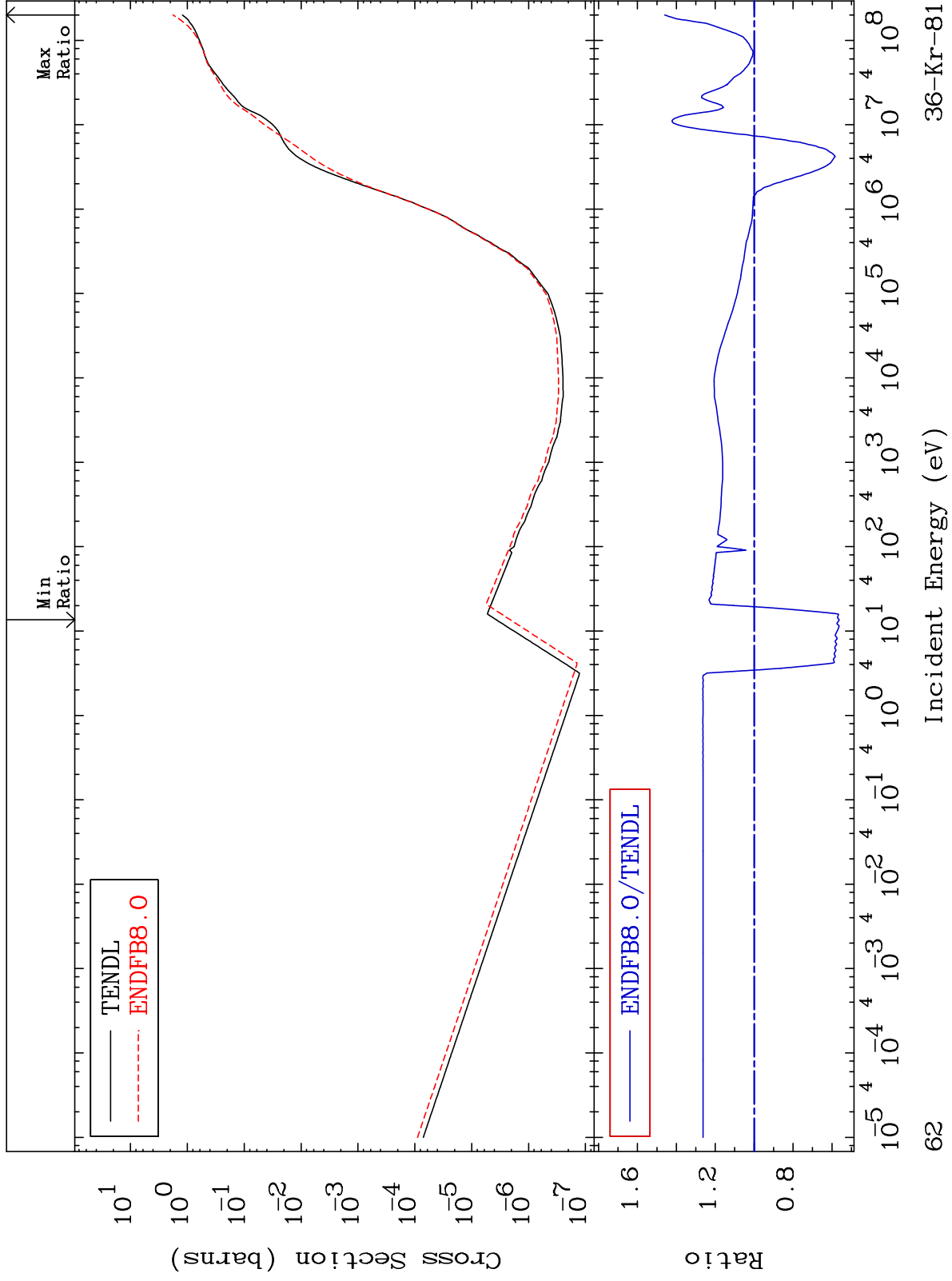
-12.20 To 4340. %



MAT 3634

Hydrogen Production
Cross Section

36-Kr-81
-43.69 To 45.97 %



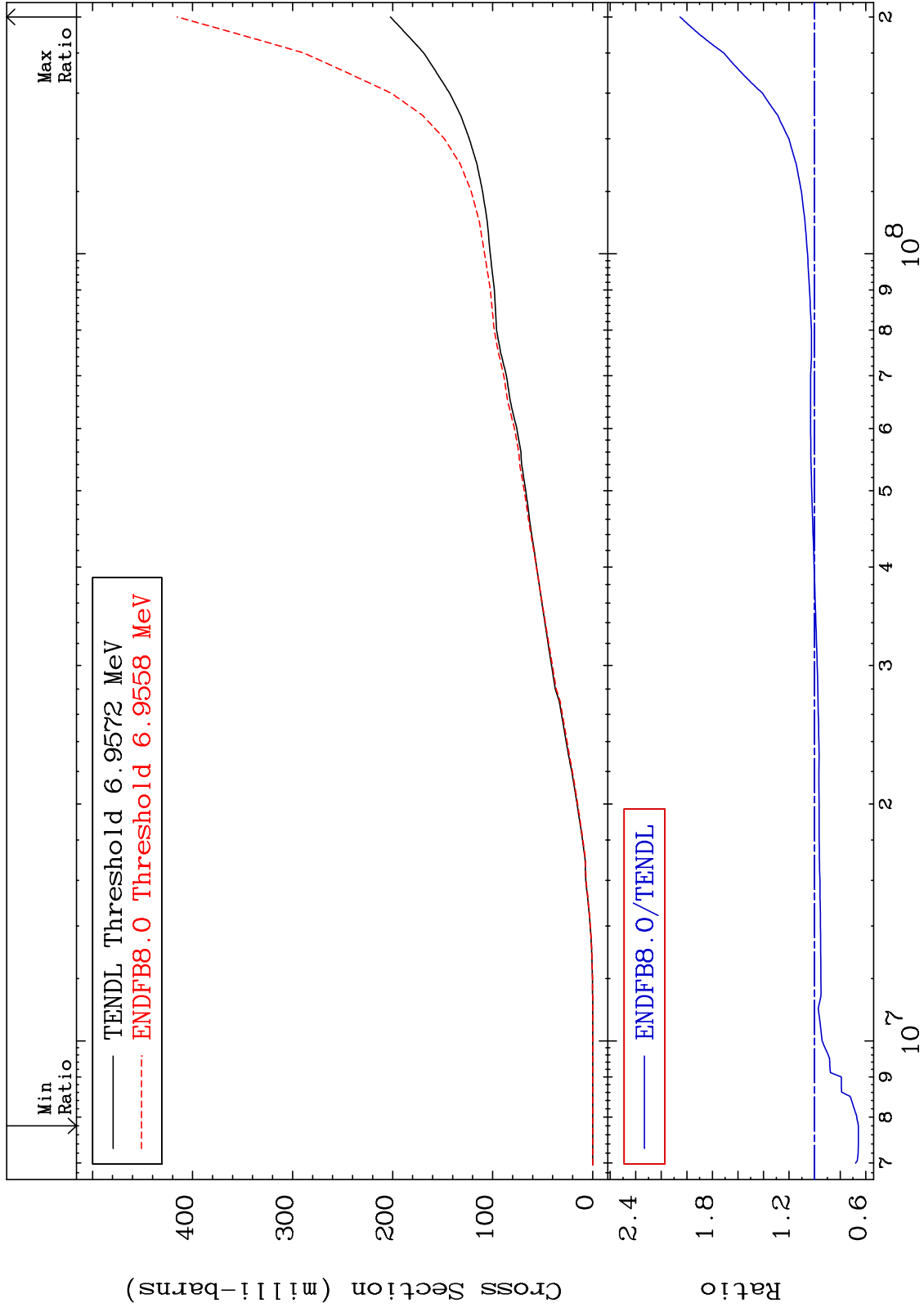
62

36-Kr-81

MAT 3634

Deuterium Production
Cross Section

³⁶Kr-81
-34.29 To 105.3 %



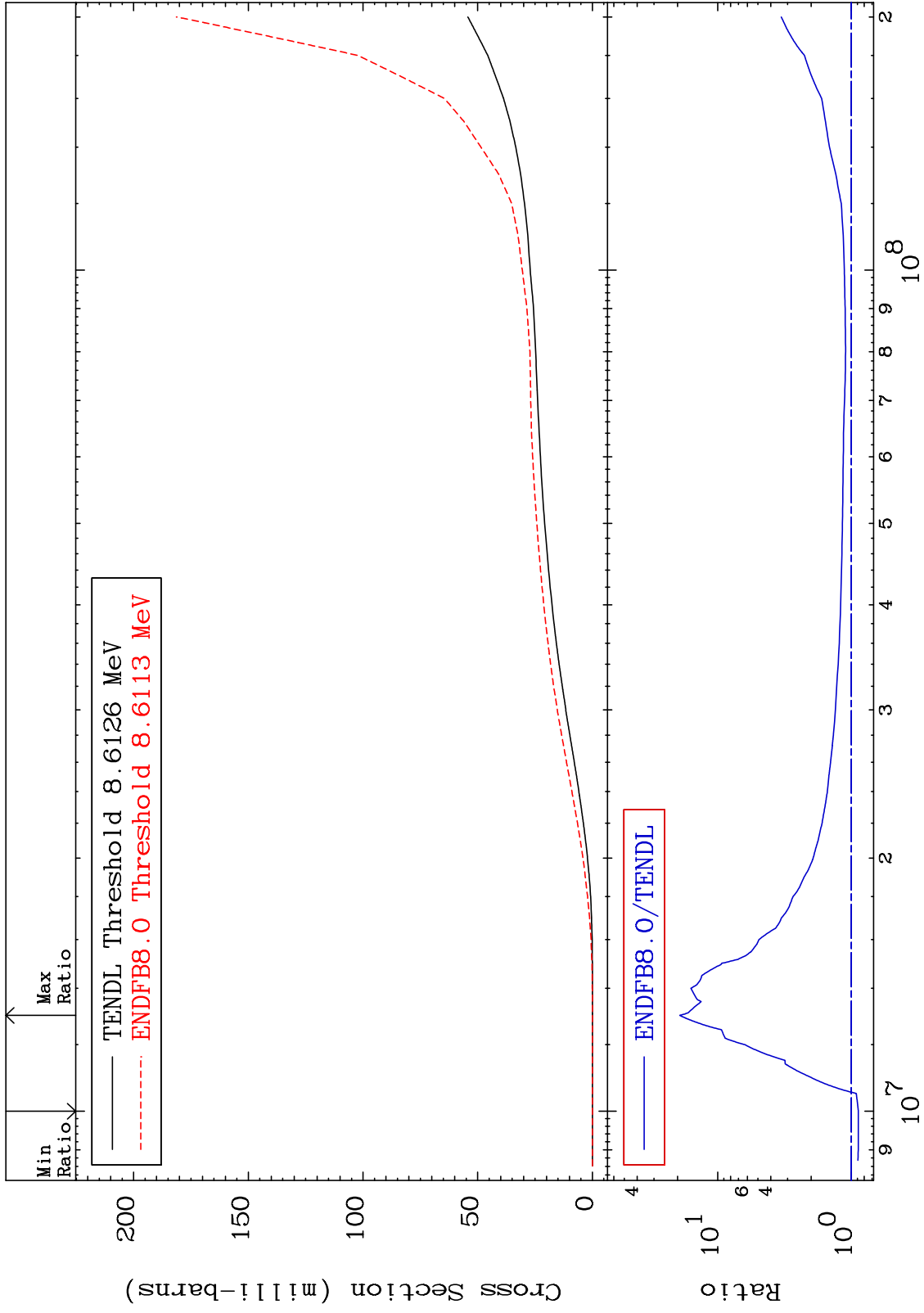
63

36-Kr-81

MAT 3634

Tritium Production
Cross Section

³⁶Kr-81
-11.42 To 1821. %



64

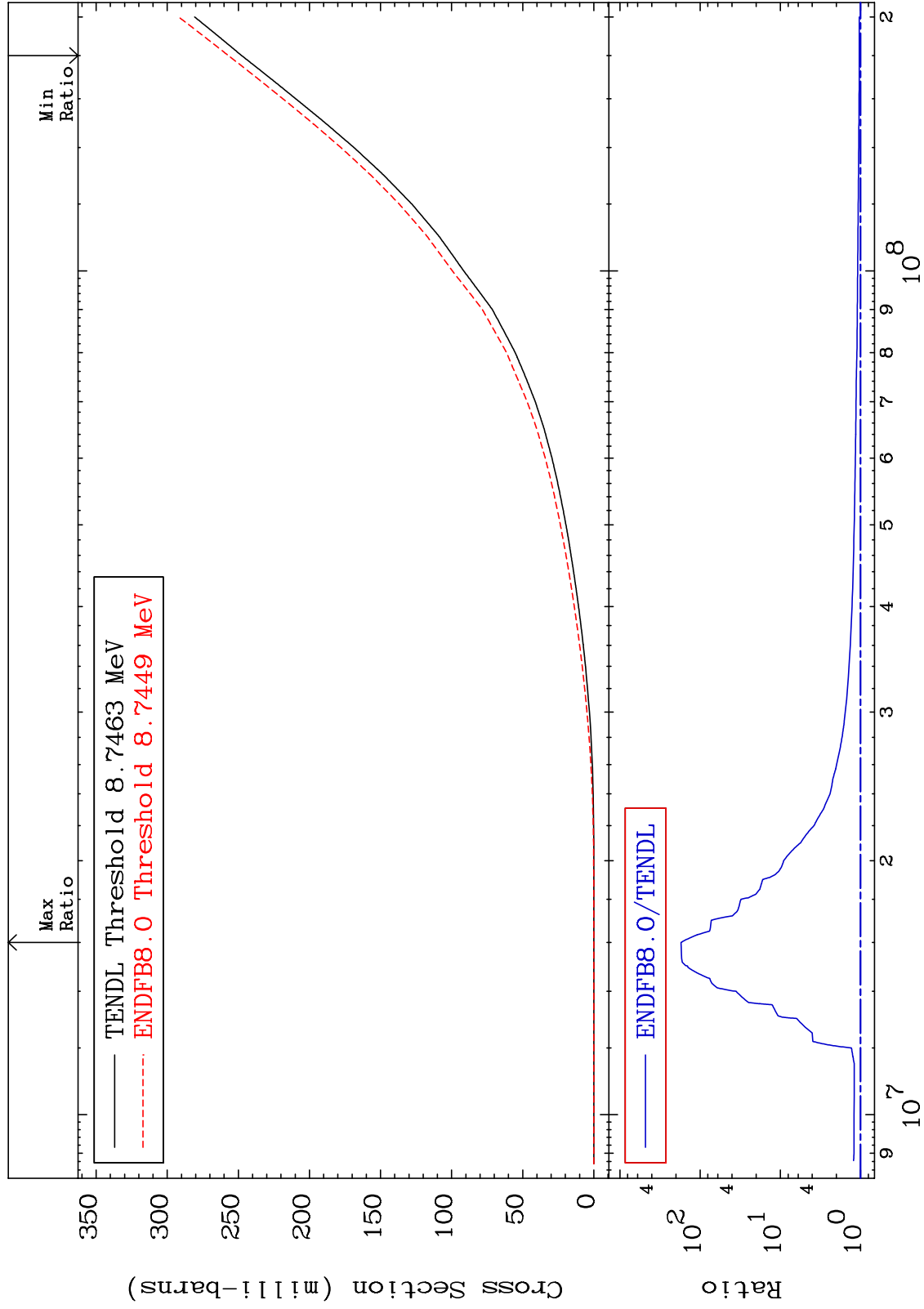
Incident Energy (eV)

³⁶Kr-81

MAT 3634

He-3 Production
Cross Section

36-Kr-81
3.760 To 9999. %



65

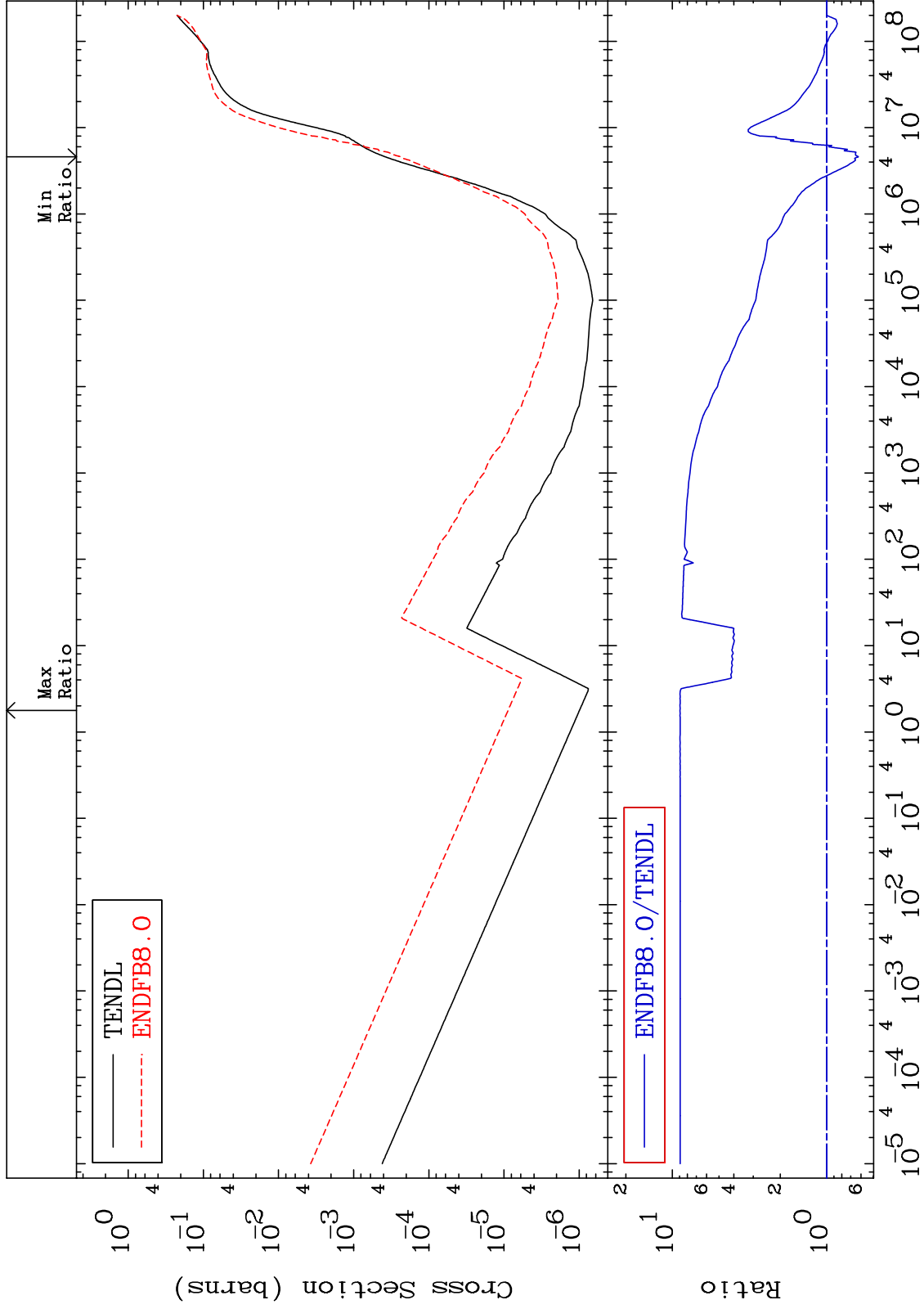
Incident Energy (eV)

36-Kr-81

MAT 3634

He-4 Production
Cross Section

³⁶Kr-81
-37.60 To 792.8 %



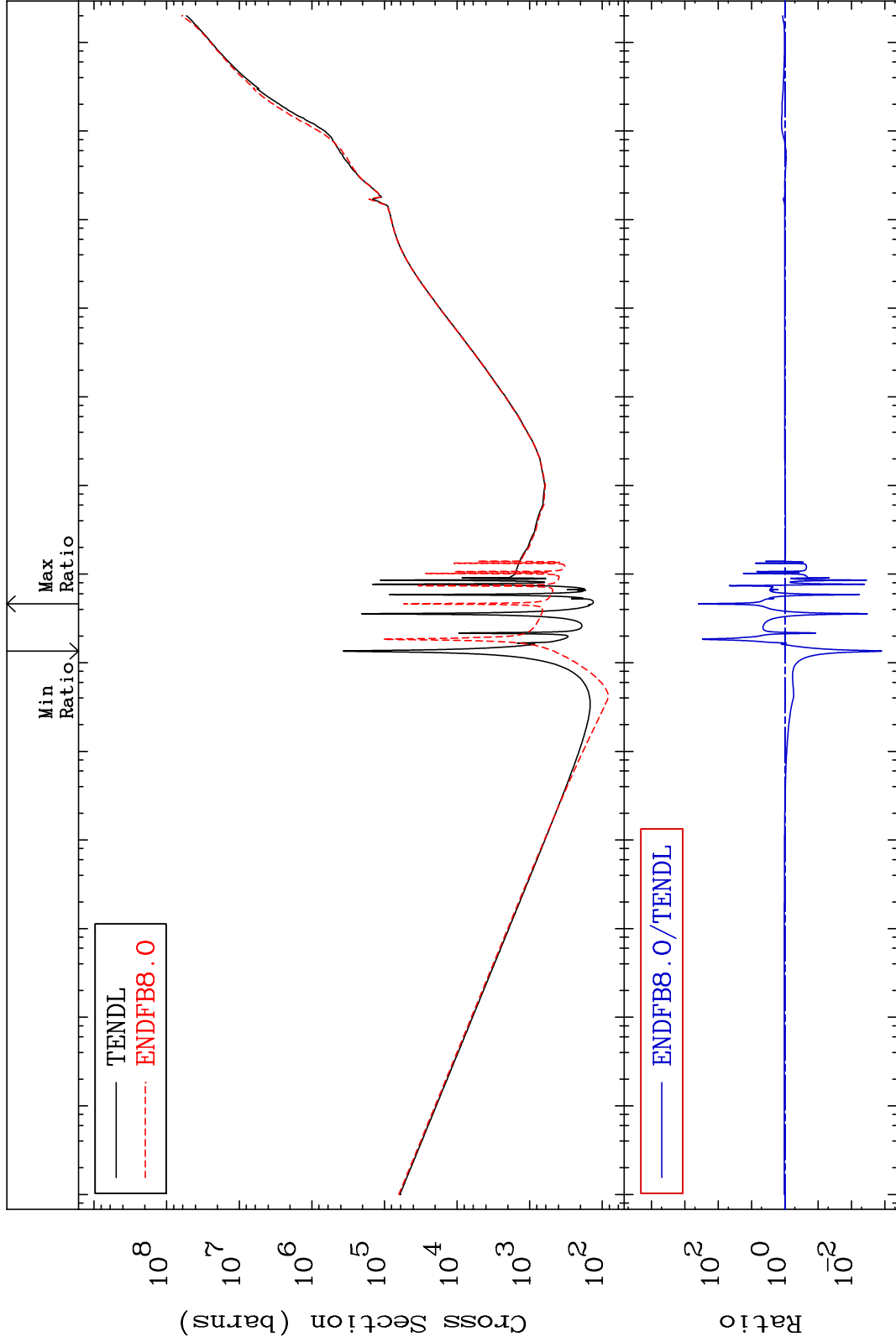
MAT 3634

Kerma total (eV-barns)

36-Kr-81

-99.87 To 9999. %

Cross Section



67

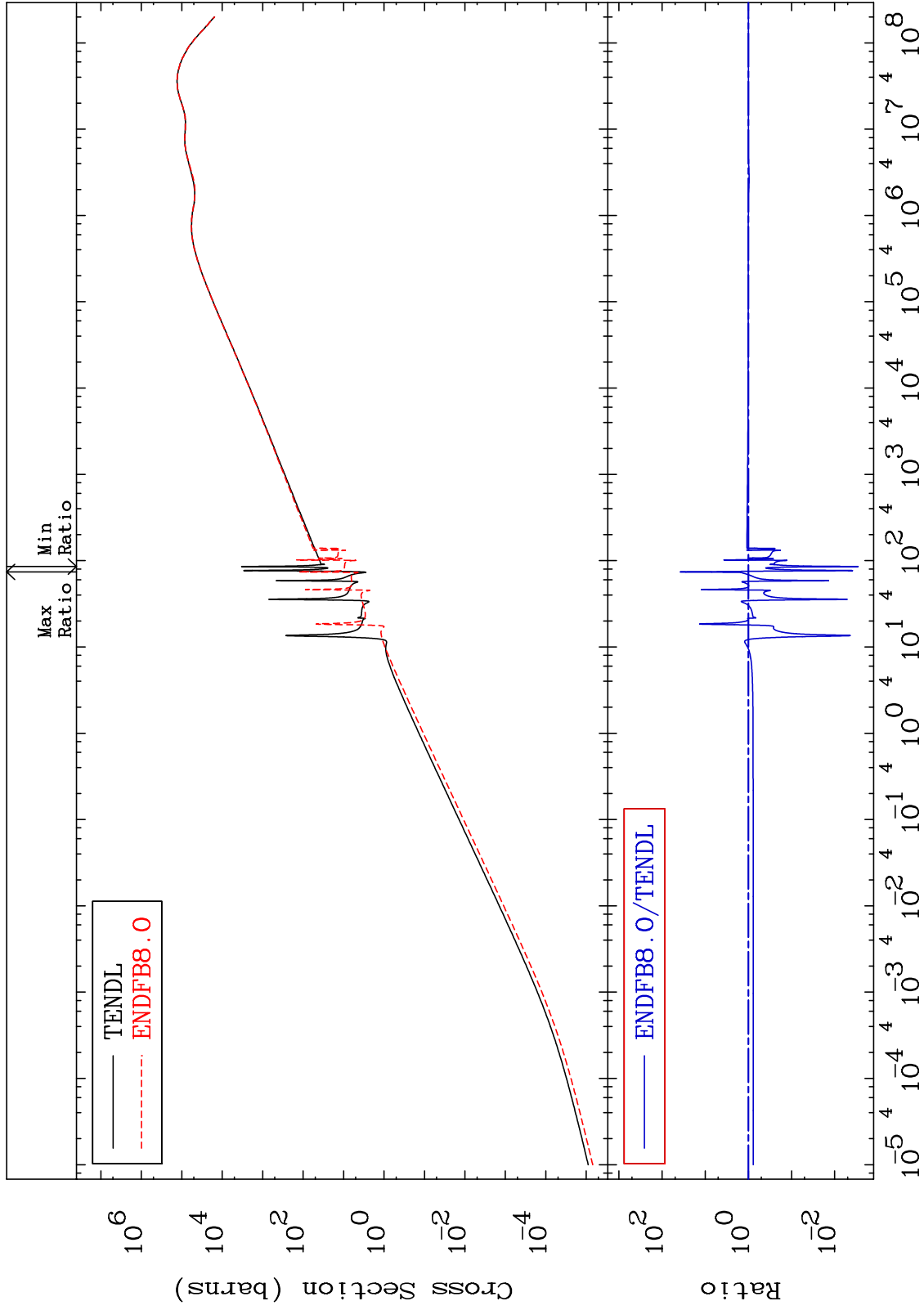
Incident Energy (eV)

36-Kr-81

MAT 3634

Kerma elastic
Cross Section

36-Kr-81
-99.72 To 3738. %



68

Incident Energy (eV)

36-Kr-81

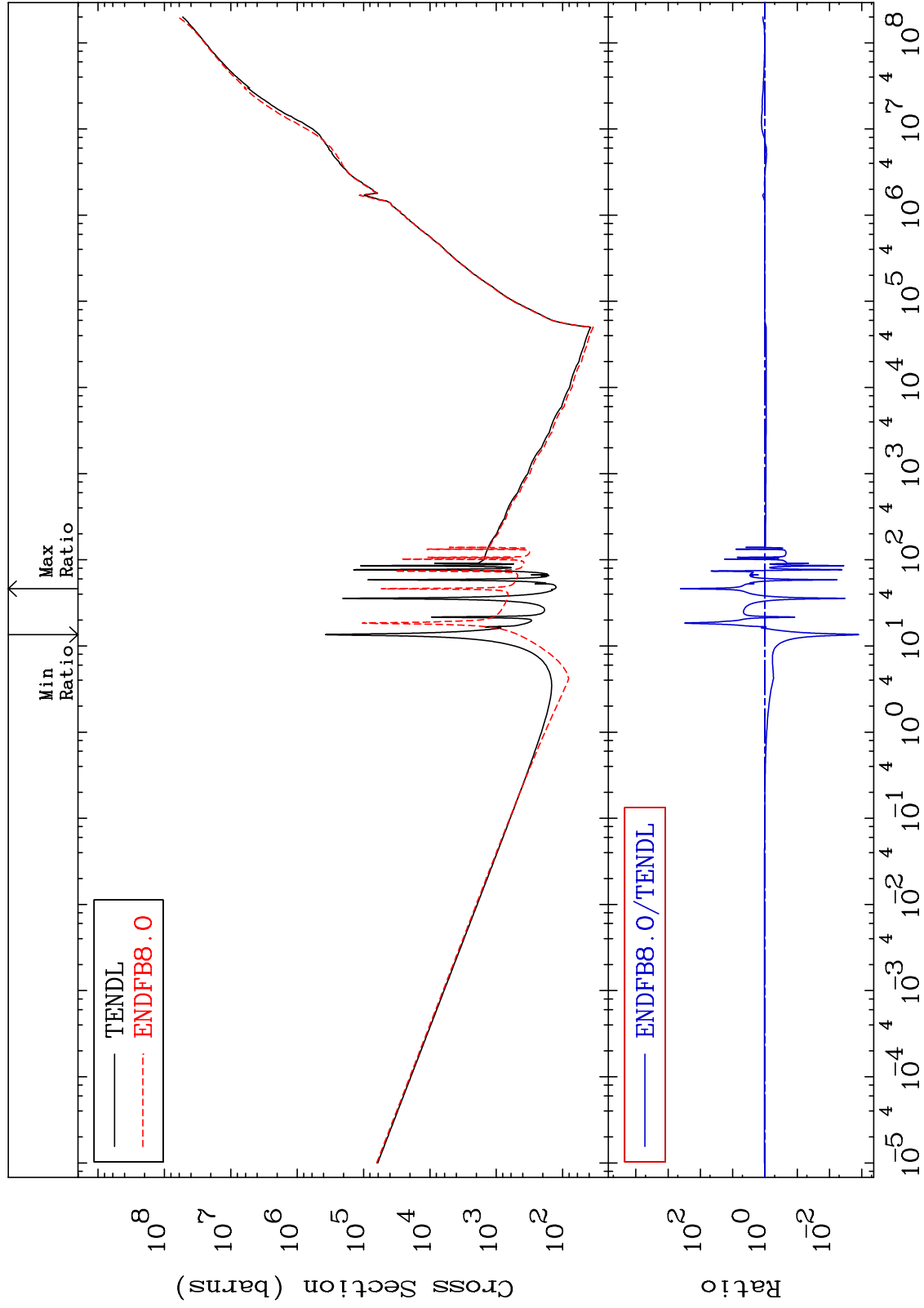
MAT 3634

Kerma non-elastic (all but mt2)

36-Kr-81

-99.87 To 9999. %

Cross Section



69

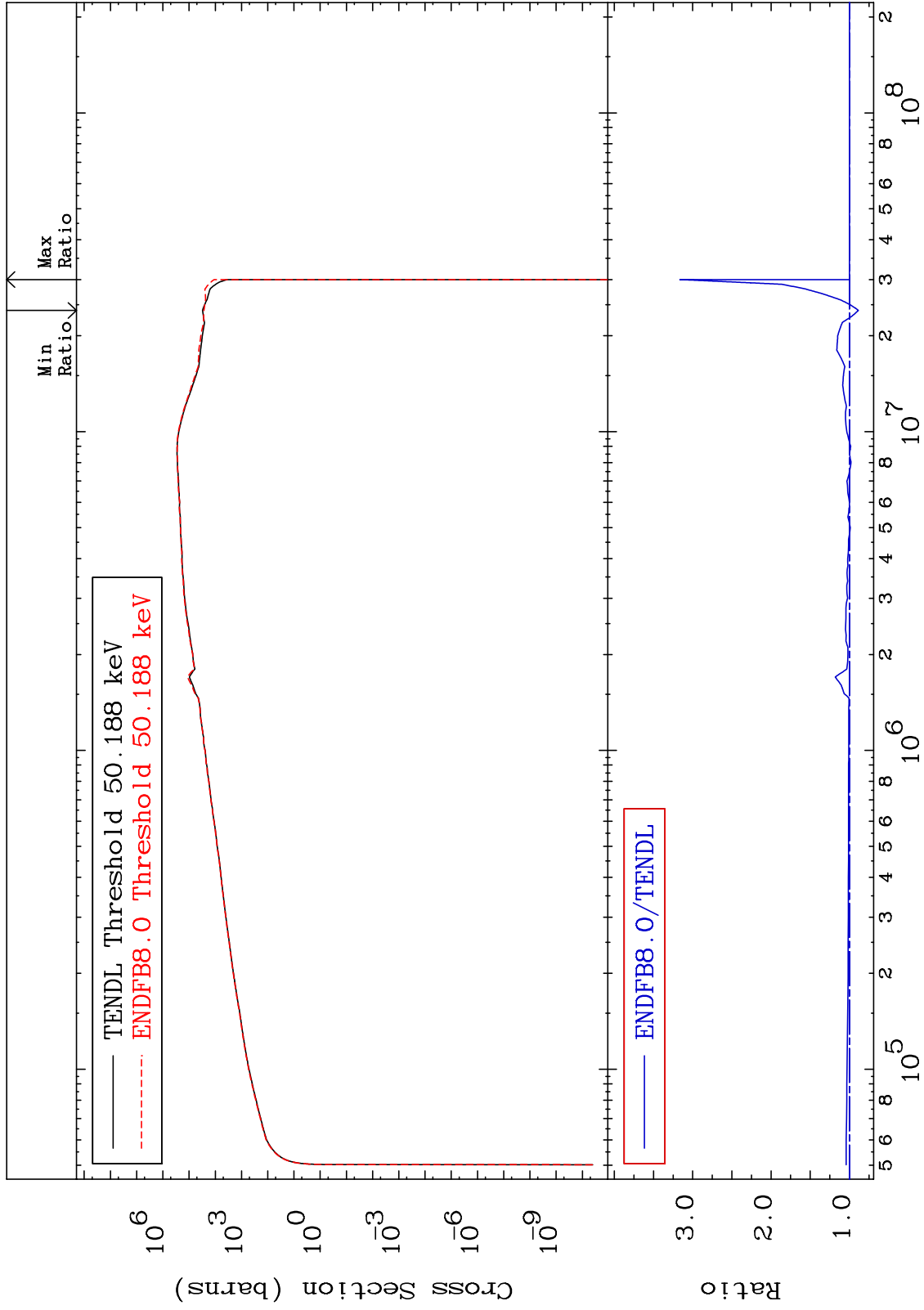
Incident Energy (eV)

36-Kr-81

MAT 3634

Kerma inelastic (mt51-91)
Cross Section

36-Kr-81
-11.55 To 216.2 %



70

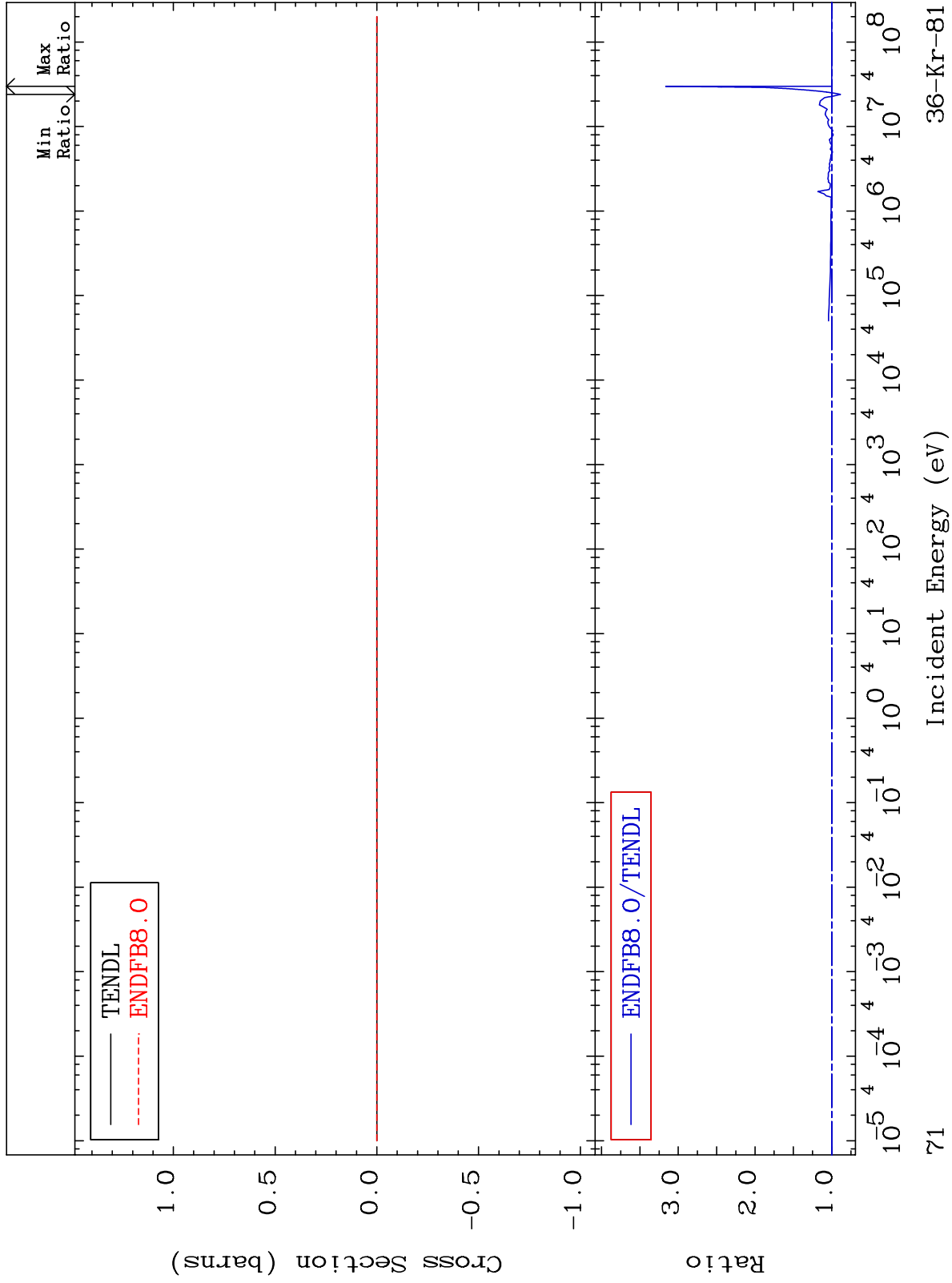
Incident Energy (eV)

36-Kr-81

MAT 3634

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

36-Kr-81
-11.55 To 216.2 %



71

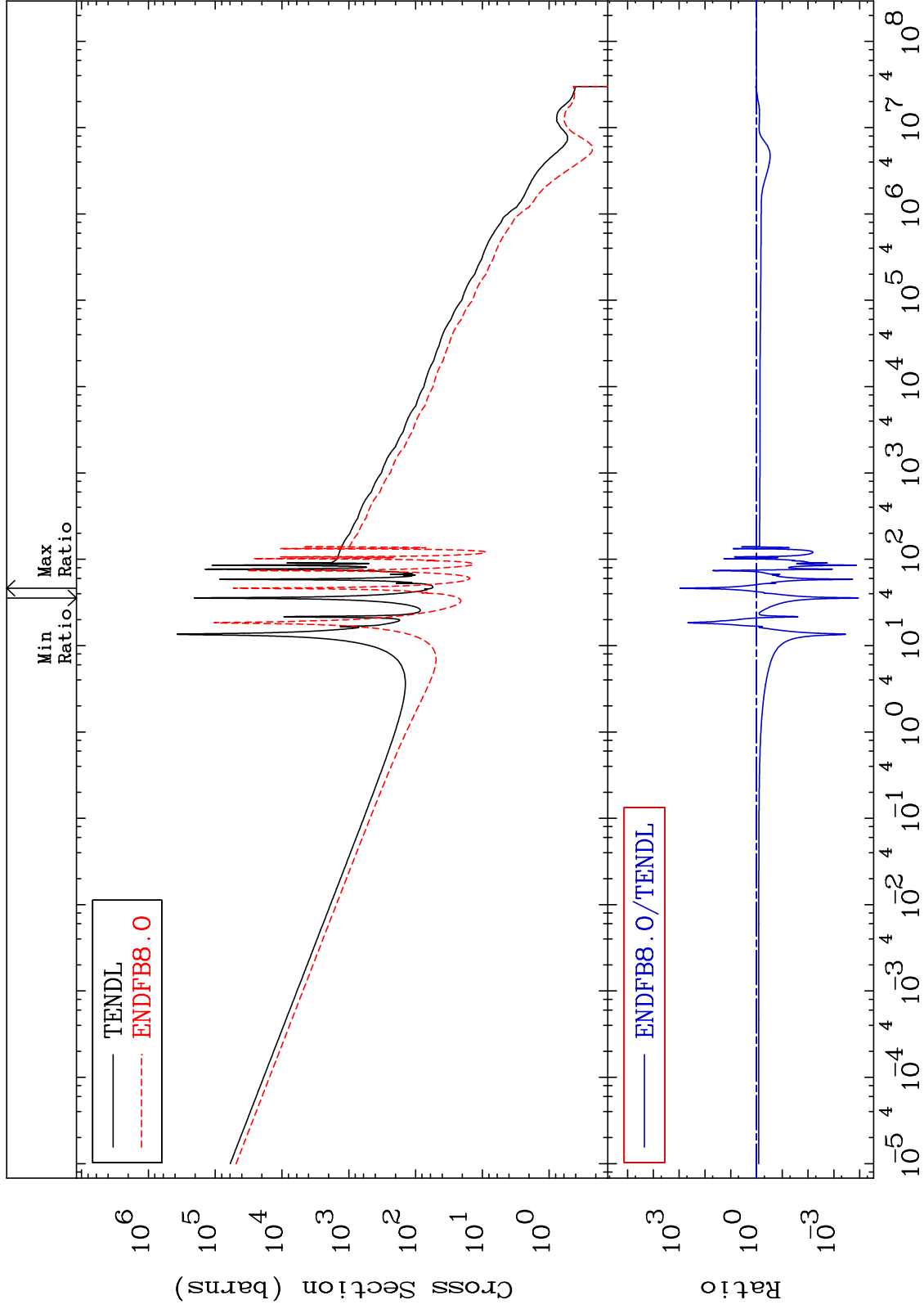
Incident Energy (eV)

36-Kr-81

MAT 3634

Kerma capture (mt102)
Cross Section

36-Kr-81
-99.99 To 9999. %



72

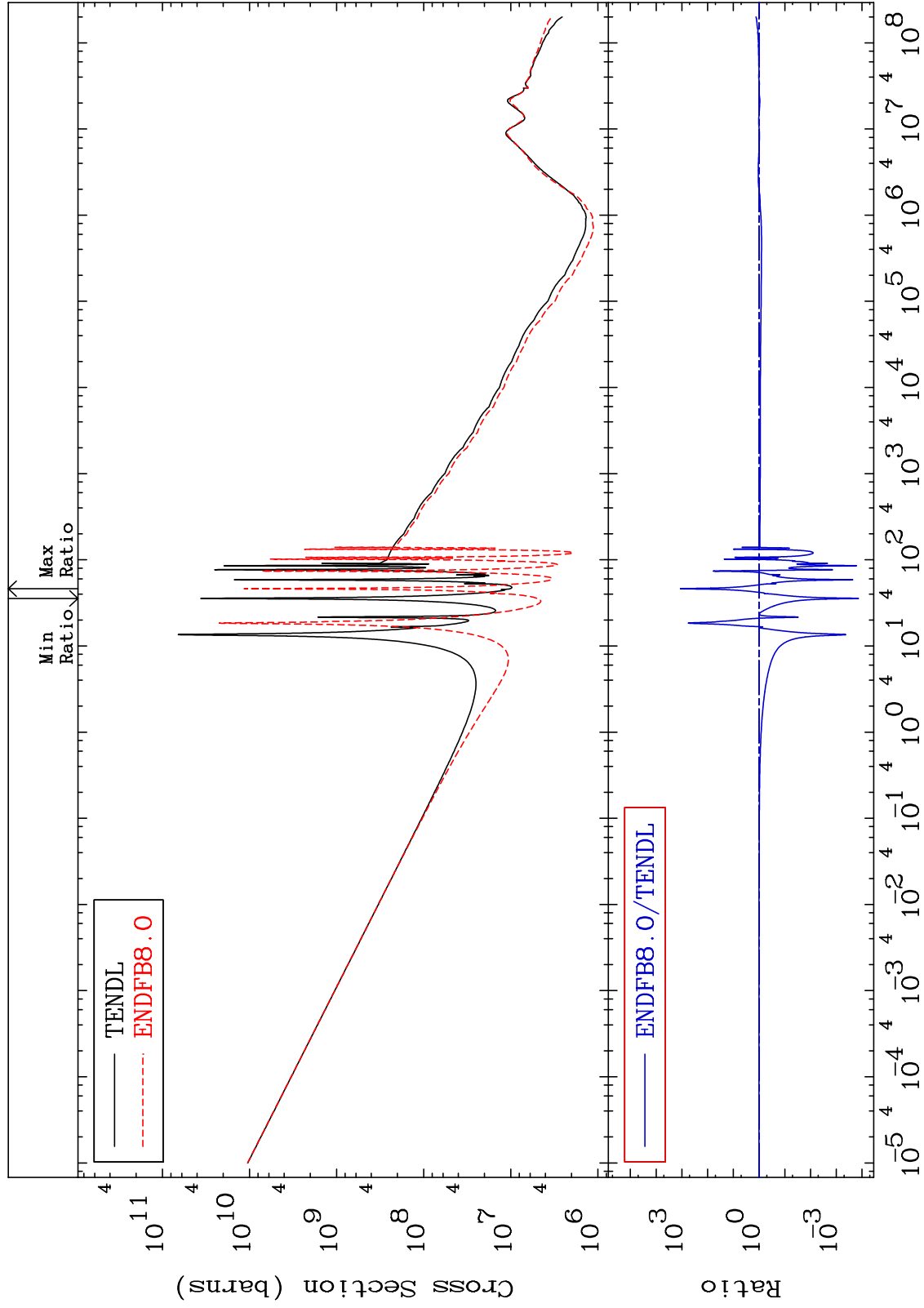
Incident Energy (eV)

36-Kr-81

MAT 3634

Total photon (eV-barns)
Cross Section

36-Kr-81
-99.99 To 9999. %



73

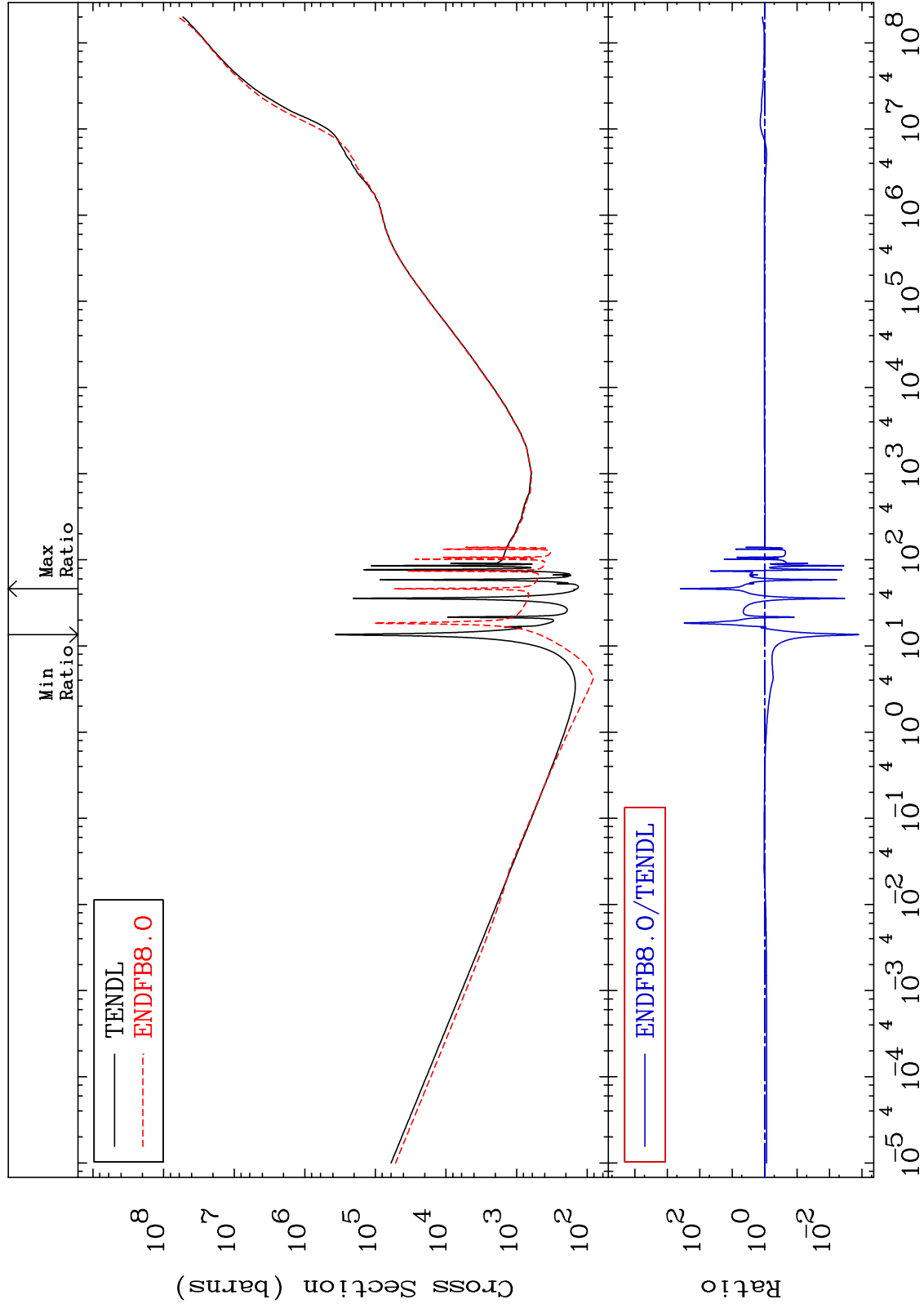
Incident Energy (eV)

36-Kr-81

MAT 3634

Total kinematic kerma (high limit)
Cross Section

36-Kr-81
-99.87 To 9999. %



74

Incident Energy (eV)

36-Kr-81

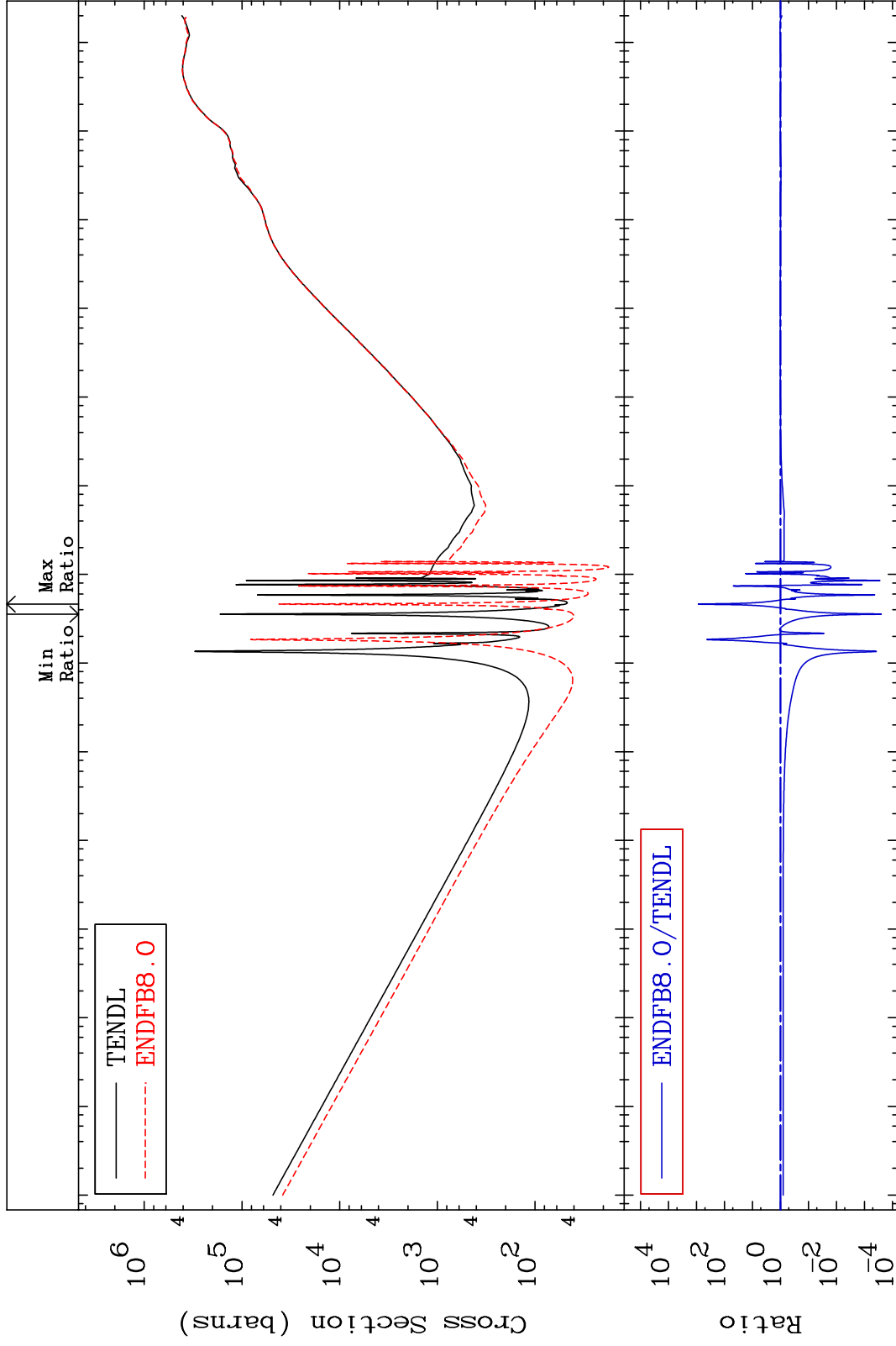
MAT 3634

Dpa total (eV-barns)

36-Kr-81

-99.98 To 9999. %

Cross Section



75

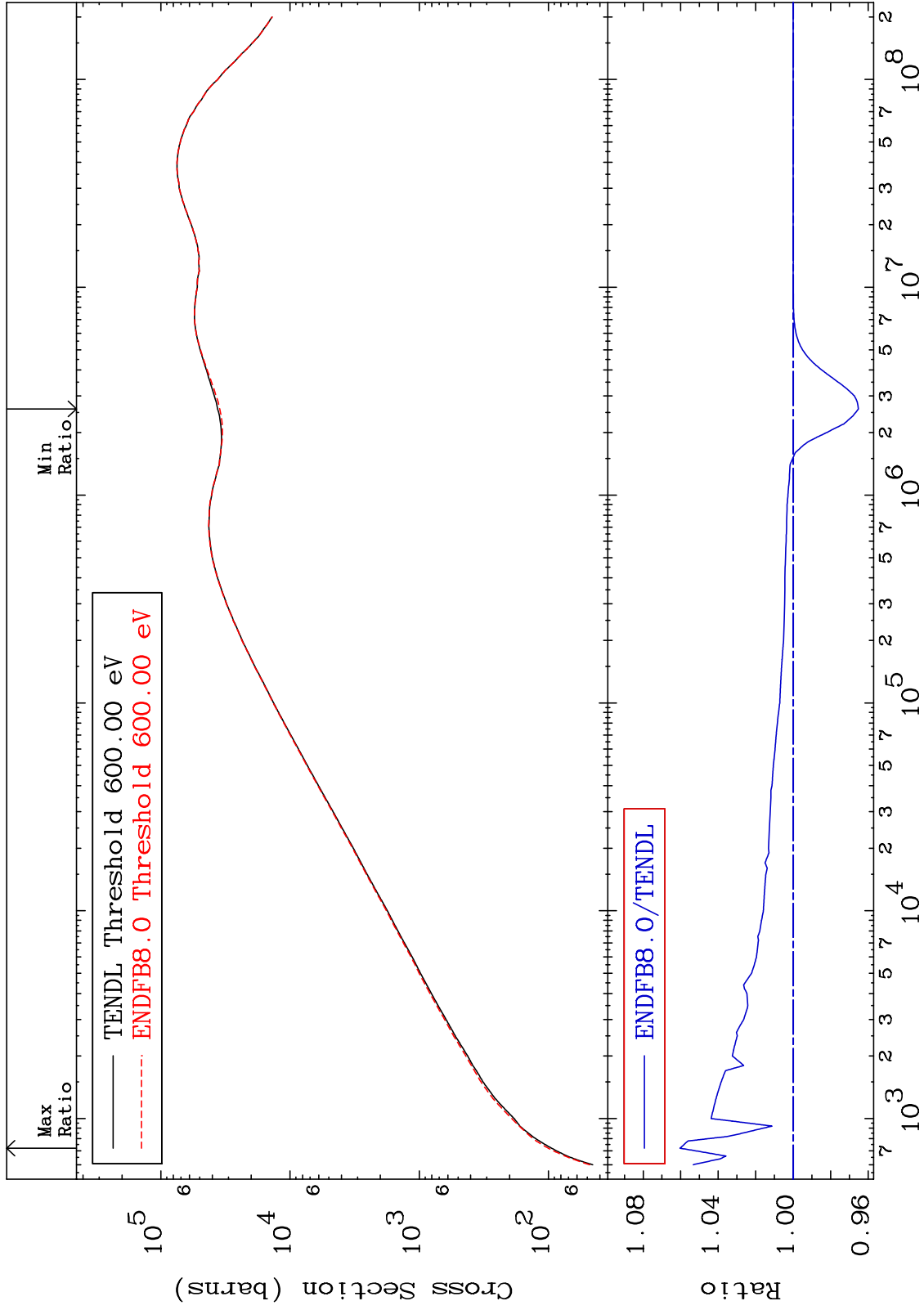
Incident Energy (eV)

36-Kr-81

MAT 3634

Dpa elastic (mt2)
Cross Section

36-Kr-81
-3.475 To 6.037 %



76

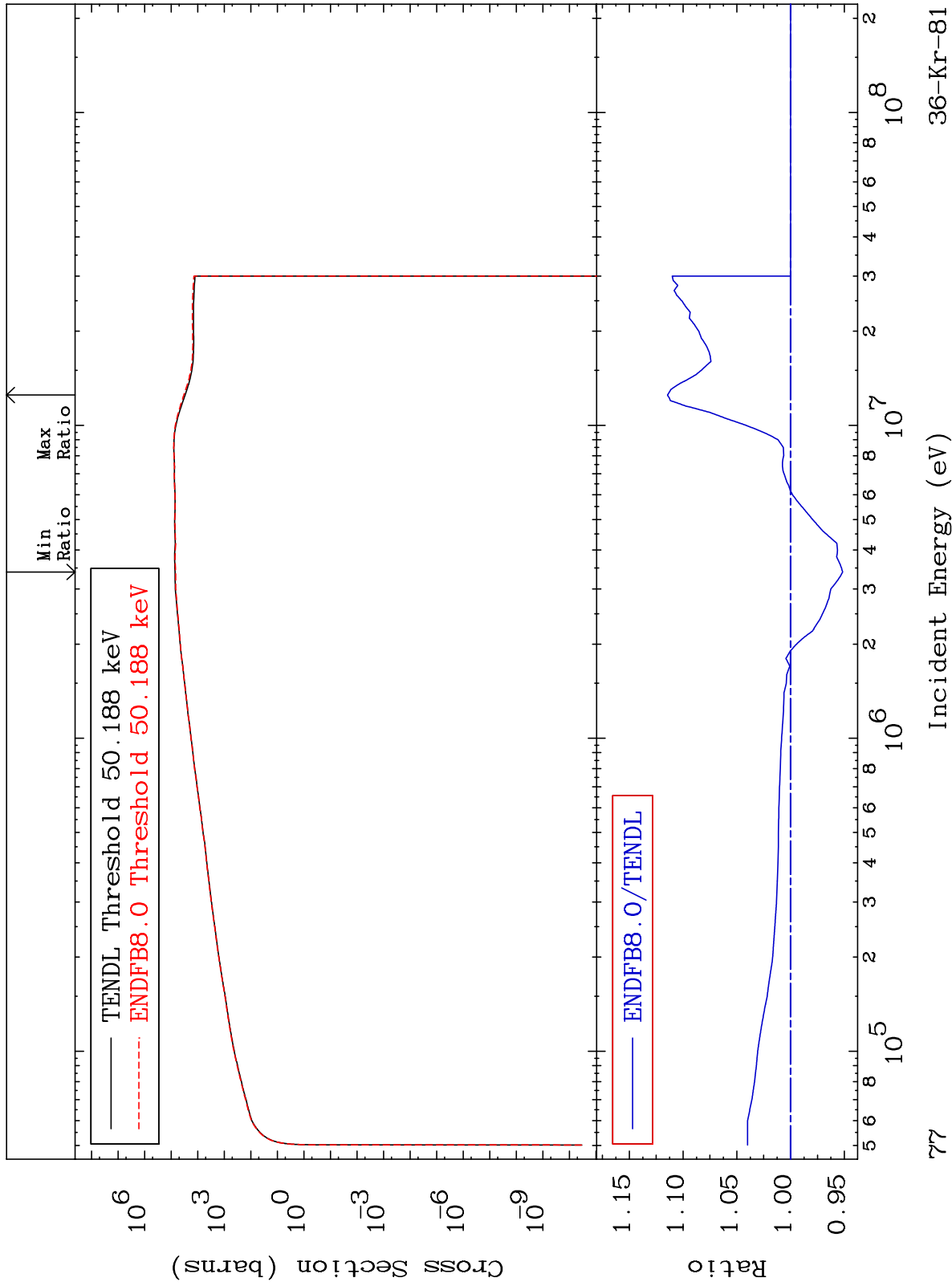
Incident Energy (eV)

36-Kr-81

MAT 3634

Dpa inelastic (mt51-91)
Cross Section

36-Kr-81
-4.844 To 11.44 %



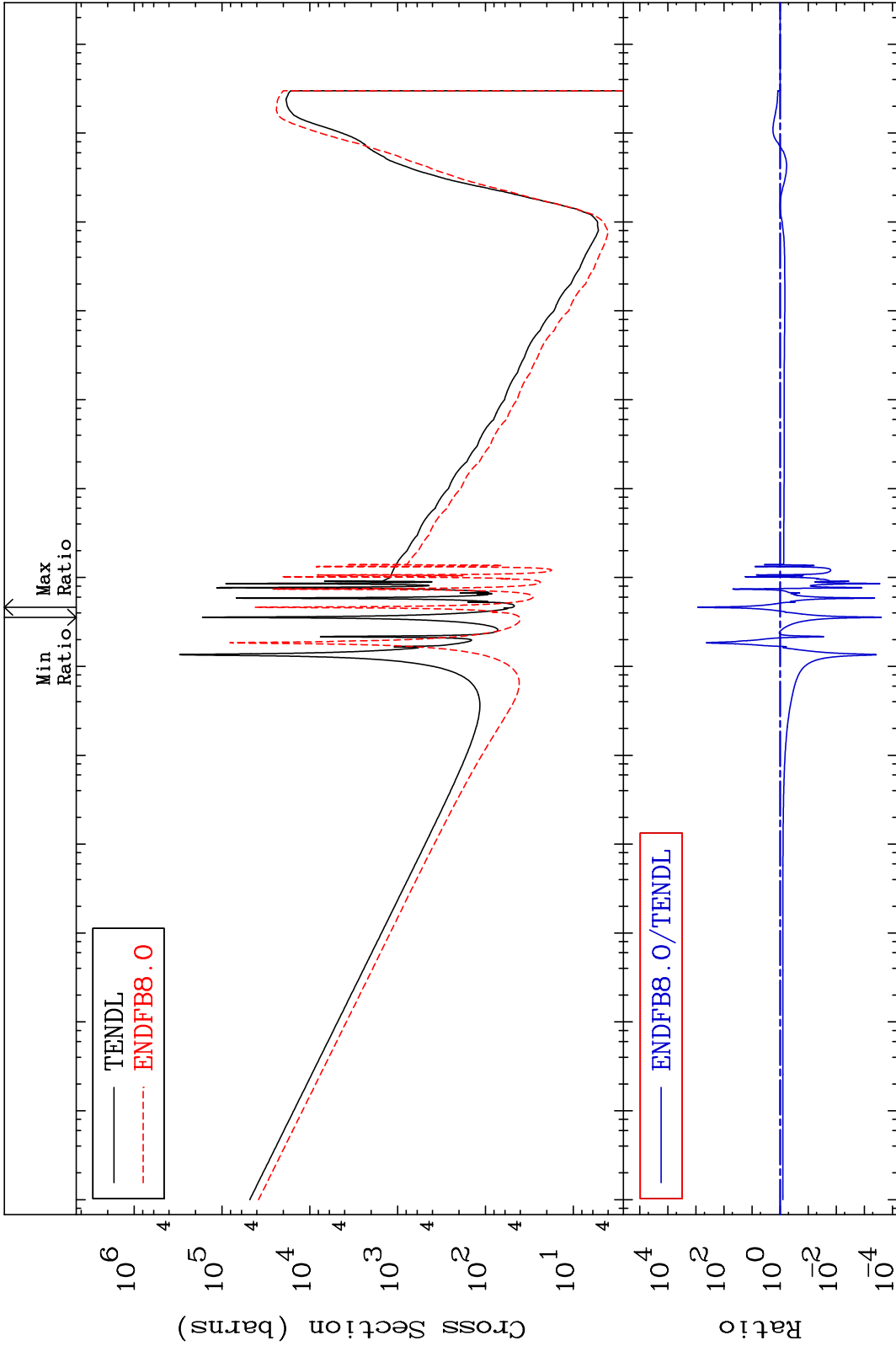
MAT 3634

Dpa disappearance (mt102 -120)

36-Kr-81

-99.98 To 9999. %

Cross Section



78

Incident Energy (eV)

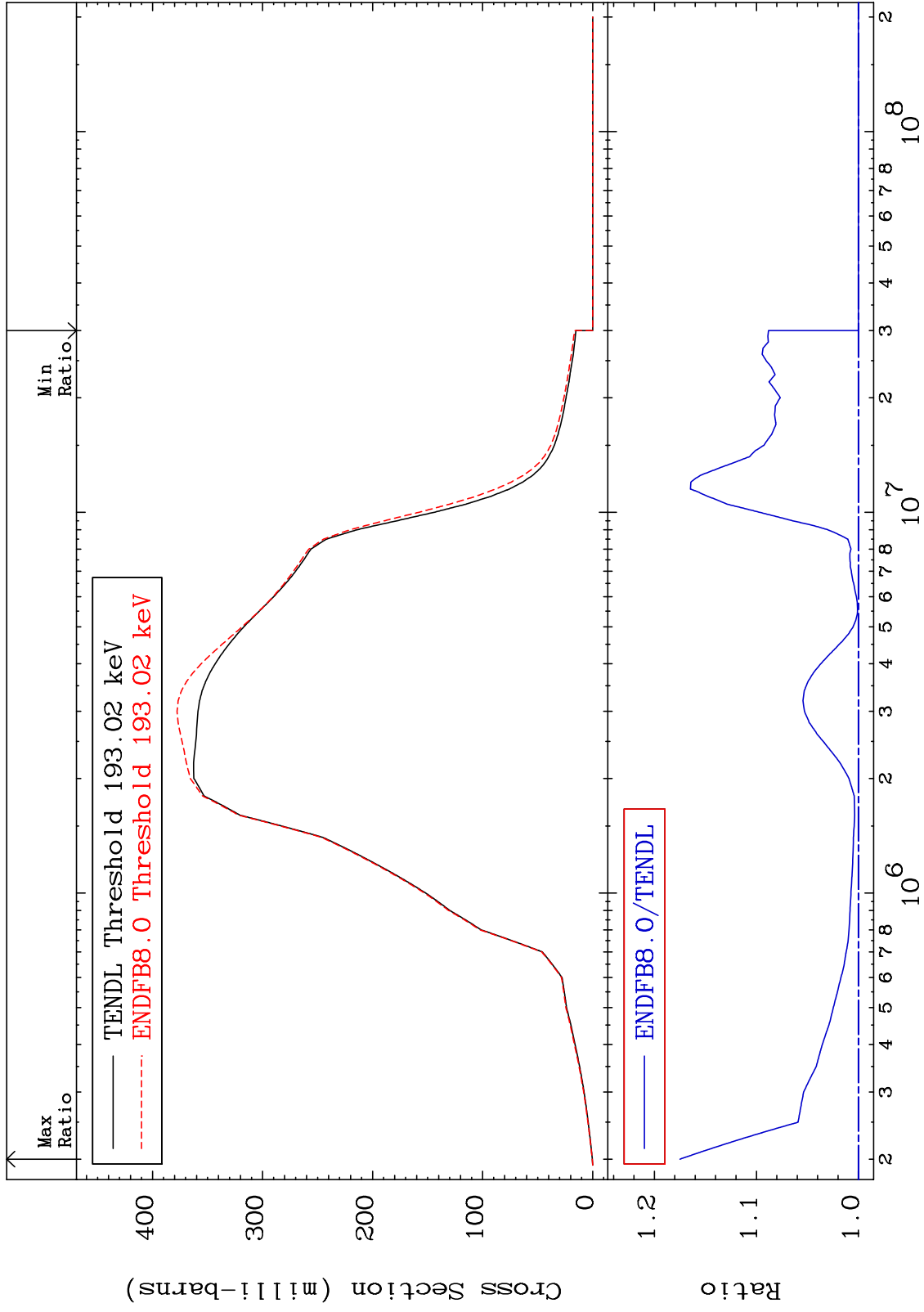
36-Kr-81

MAT 3634

Inelastic: 36-Kr-81m2

36-Kr-81

Radionuclide Production Cross Section 0.000 To 17.49 %



79

Incident Energy (eV)

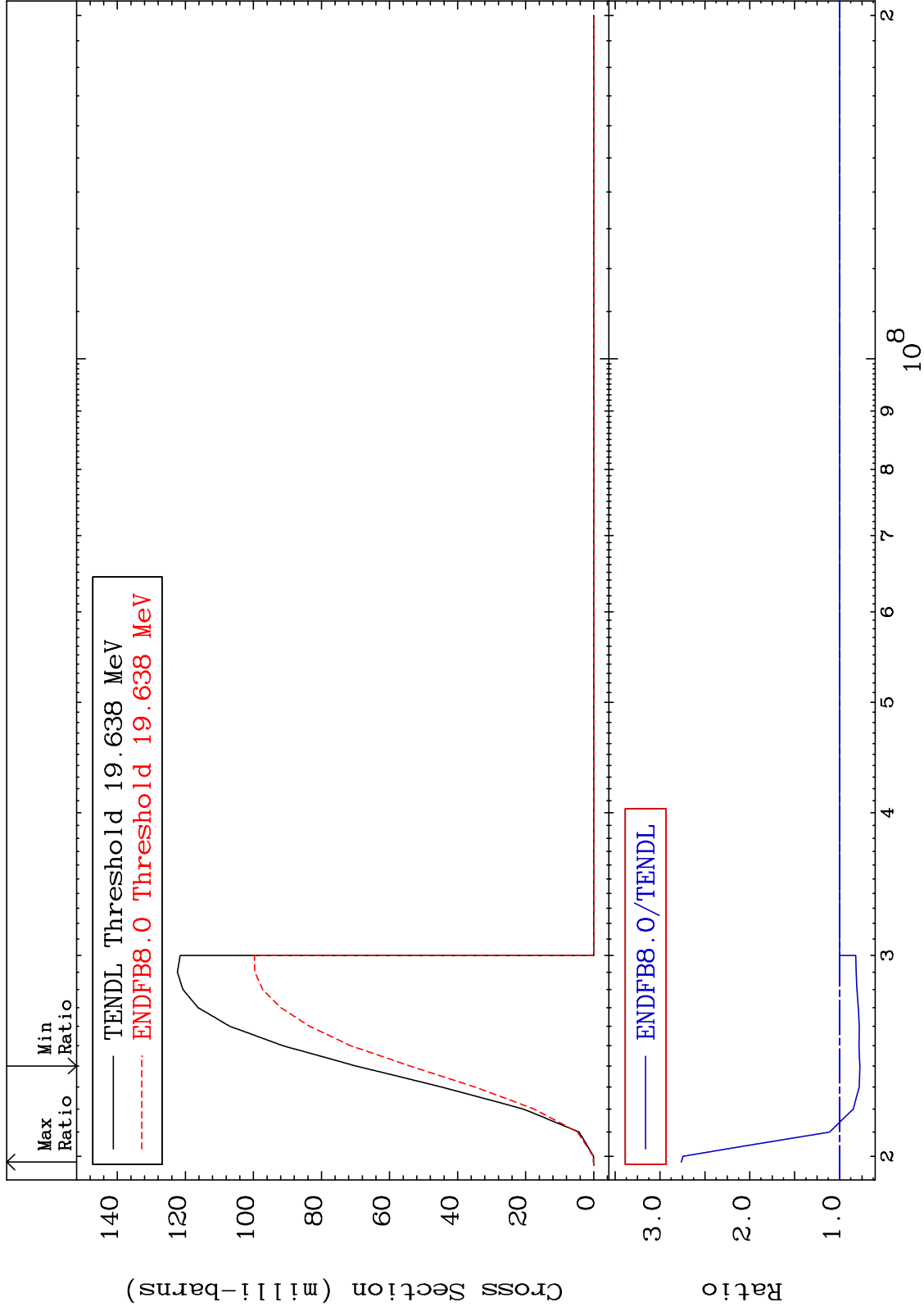
36-Kr-81

MAT 3634

(n,3n):36-Kr-79g

36-Kr-81

Radionuclide Production Cross Section -22.73 To 176.3 %



80

Incident Energy (eV)

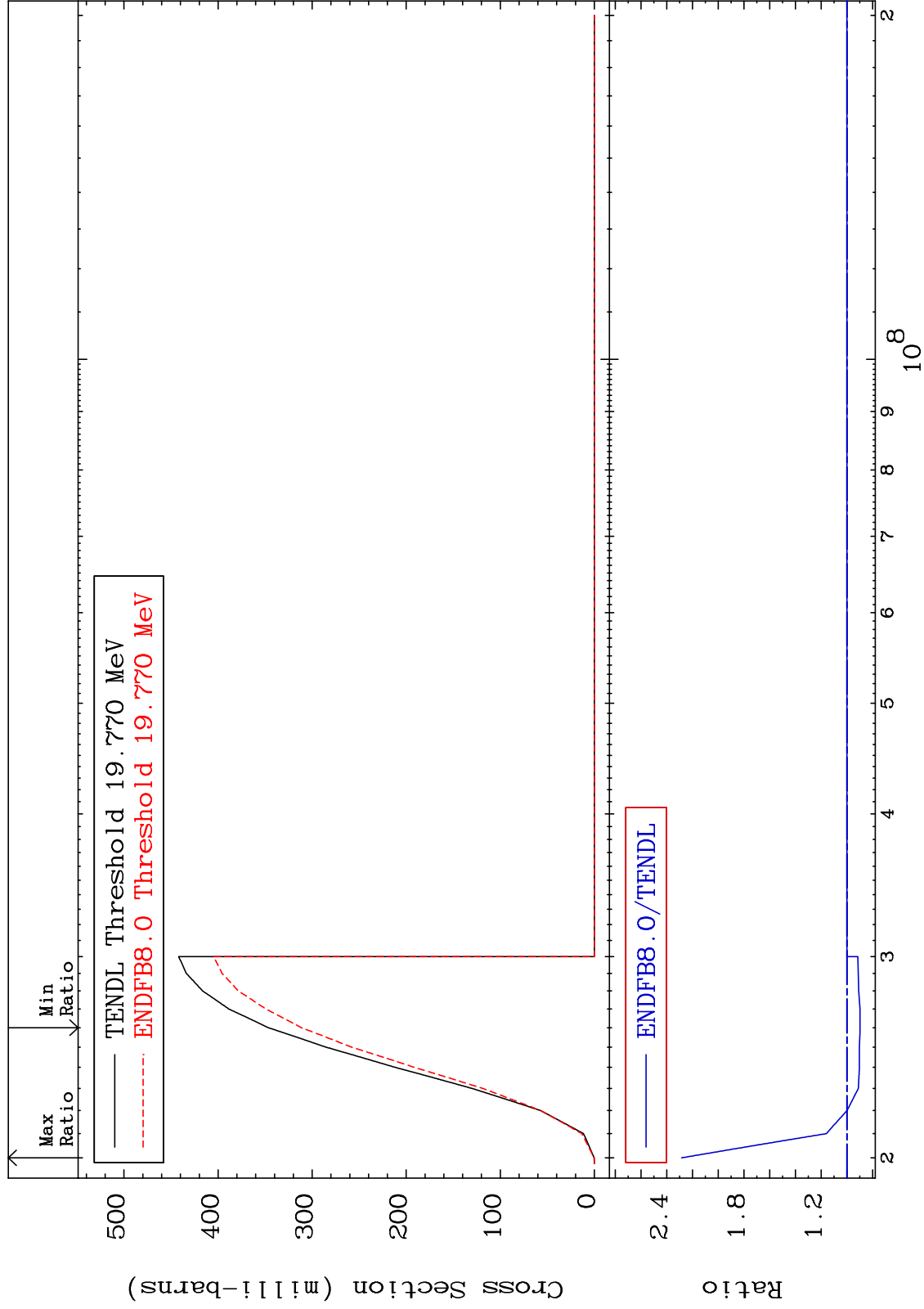
36-Kr-81

MAT 3634

(n,3n):36-Kr-79m1

36-Kr-81

Radionuclide Production Cross Section -10.15 To 128.5 %

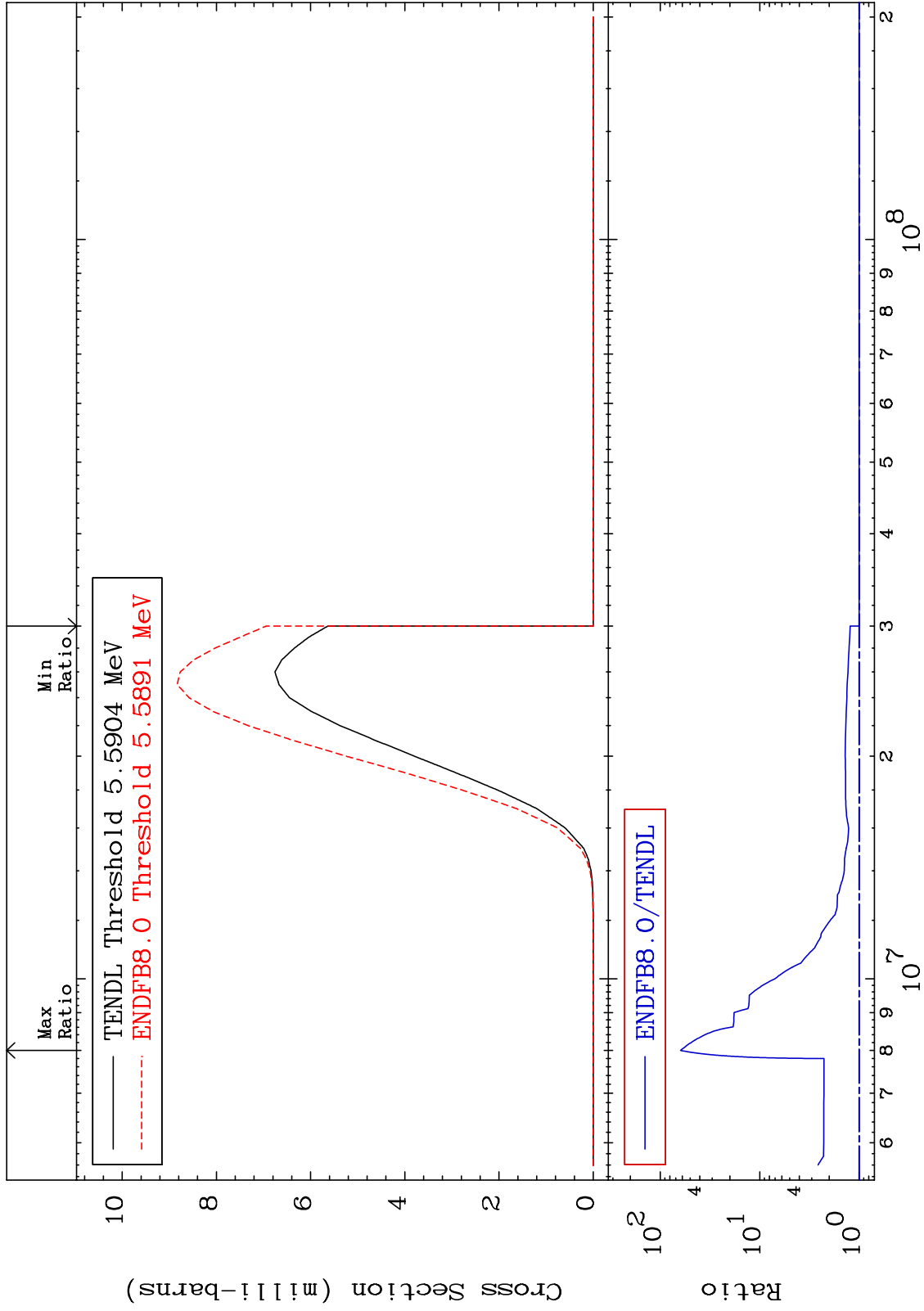


MAT 3634

36-Kr-81

(n, n') α :34-Se-77g

Radionuclide Production Cross Section 0.000 To 6143. %

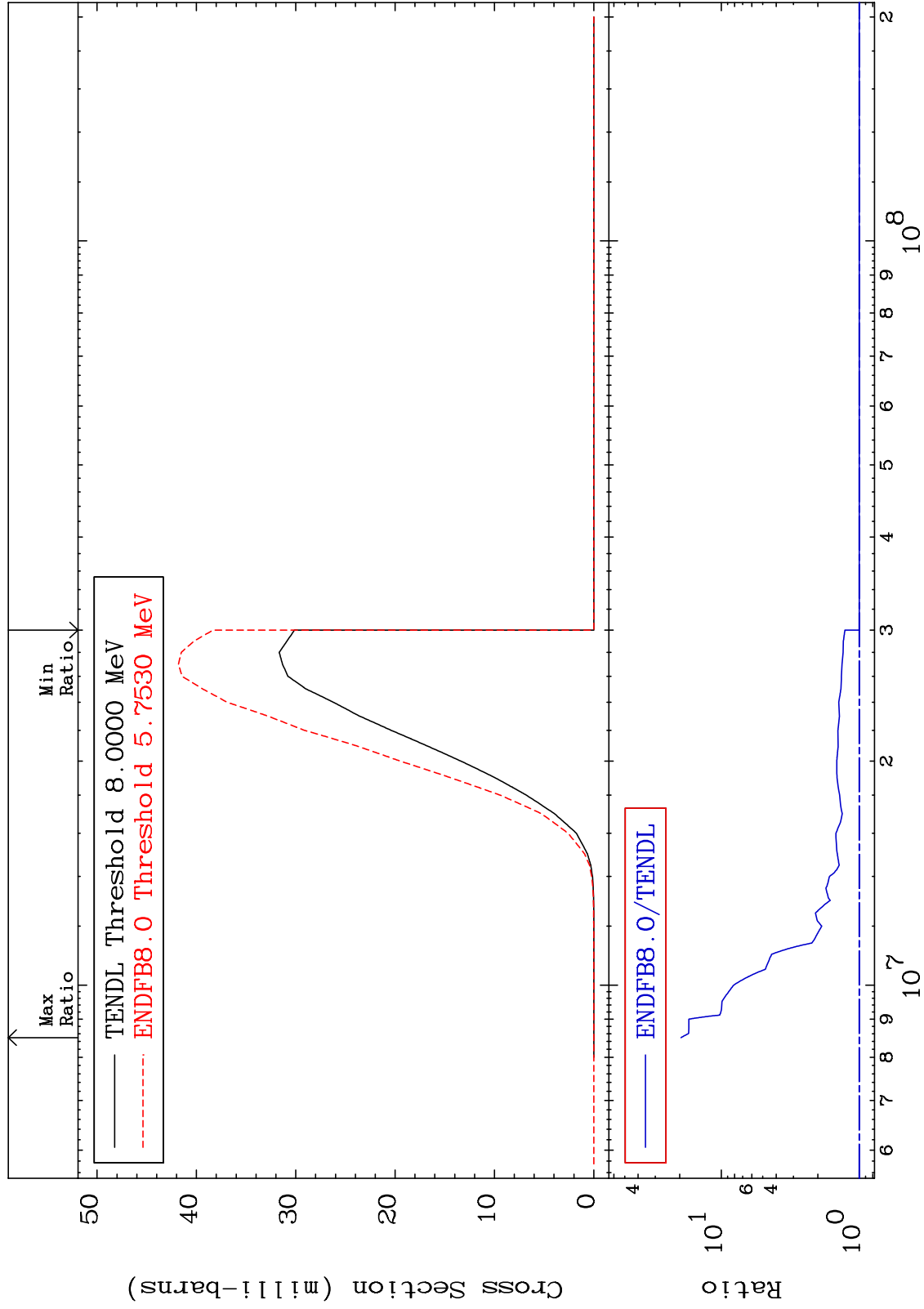


MAT 3634

³⁶Kr-81

(n, n') α:34-Se-77m1

Radionuclide Production Cross Section 0.000 To 1854. %



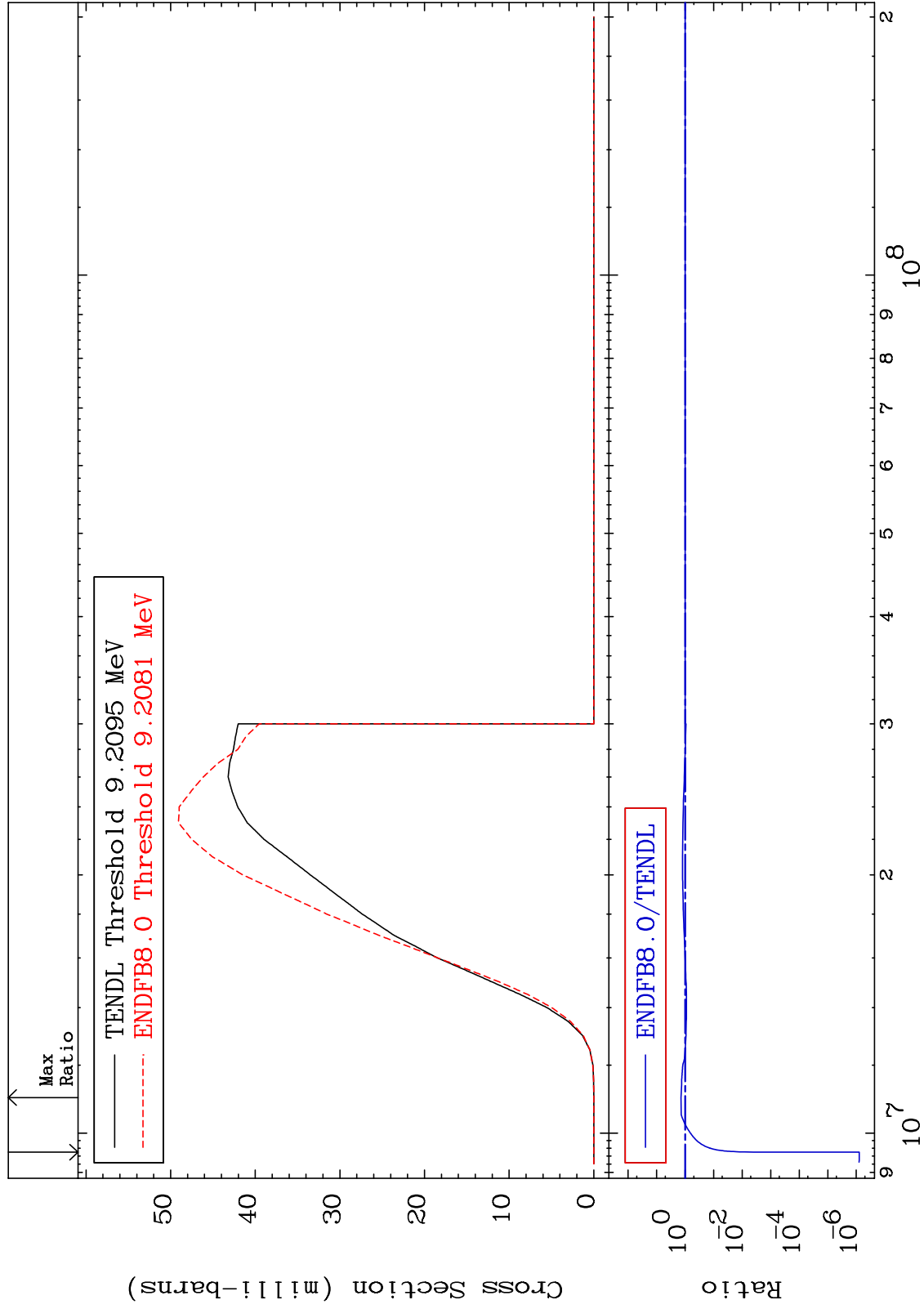
83

Incident Energy (eV)

³⁶Kr-81

MAT 3634

(n, n') p:35-Br-80g 36-Kr-81
Radionuclide Production Cross Section -100.0 To 39.31 %



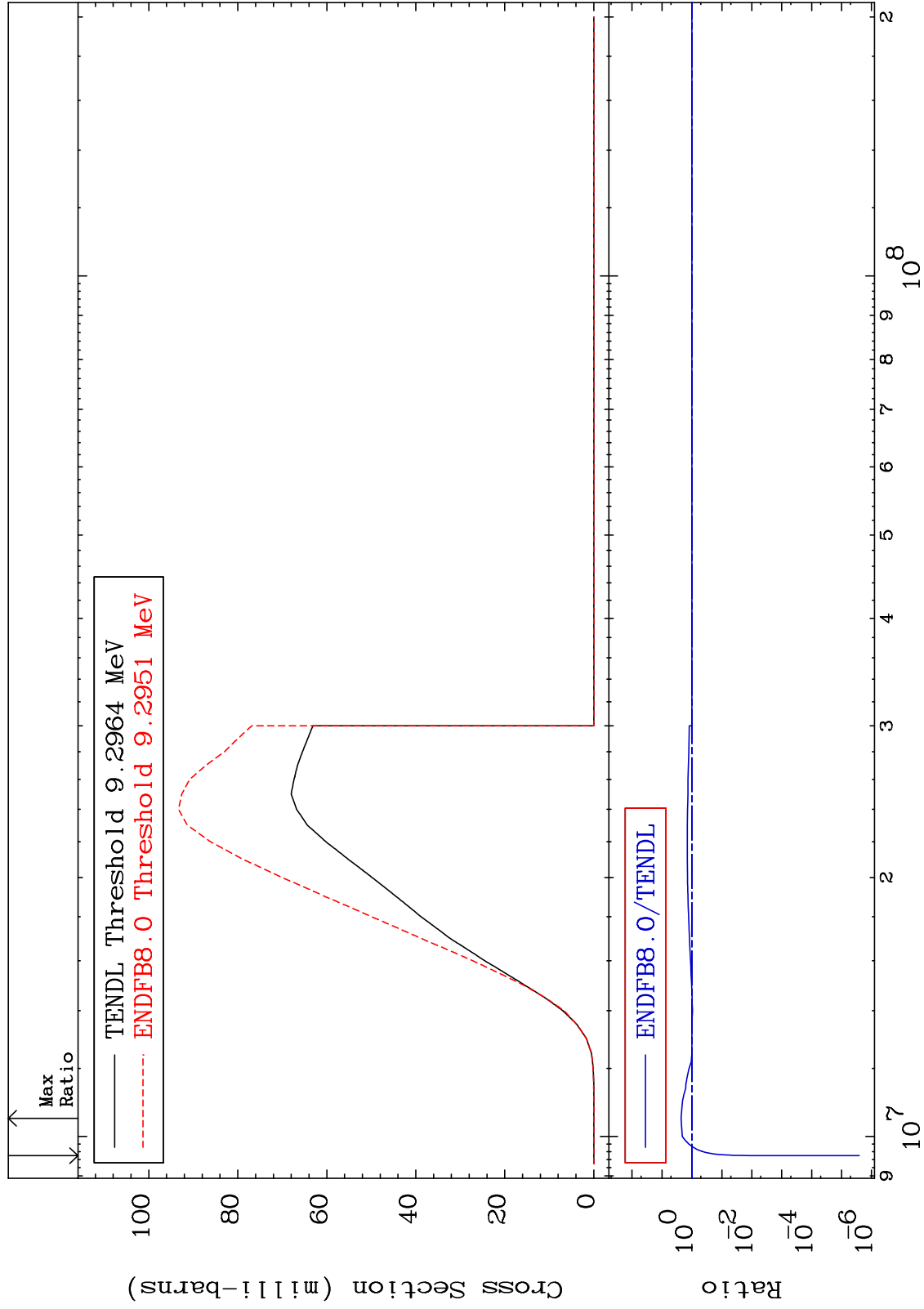
84

Incident Energy (eV)

36-Kr-81

MAT 3634

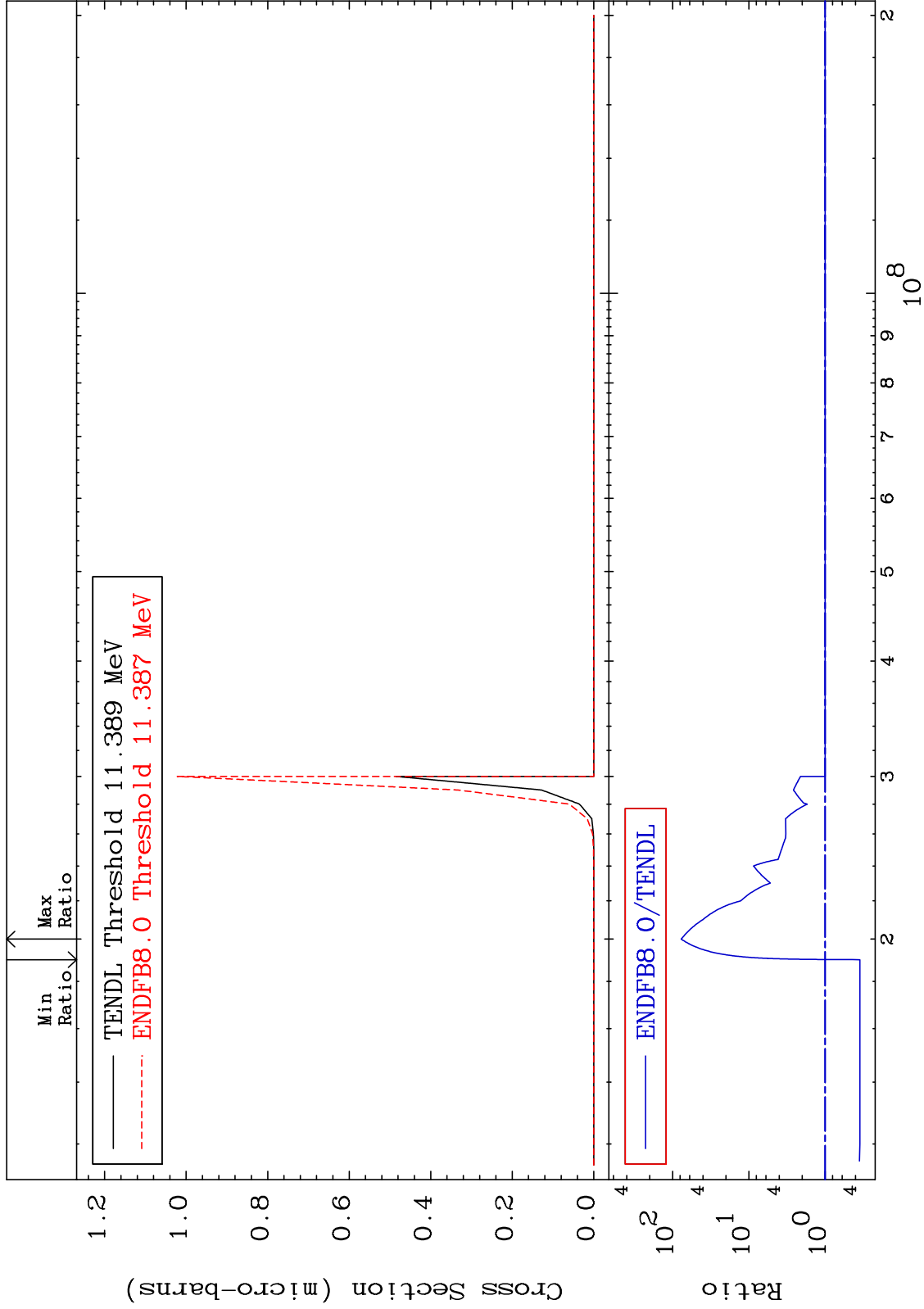
(n, n') p:35-Br-80m2 36-Kr-81
Radionuclide Production Cross Section -100.0 To 130.6 %



85

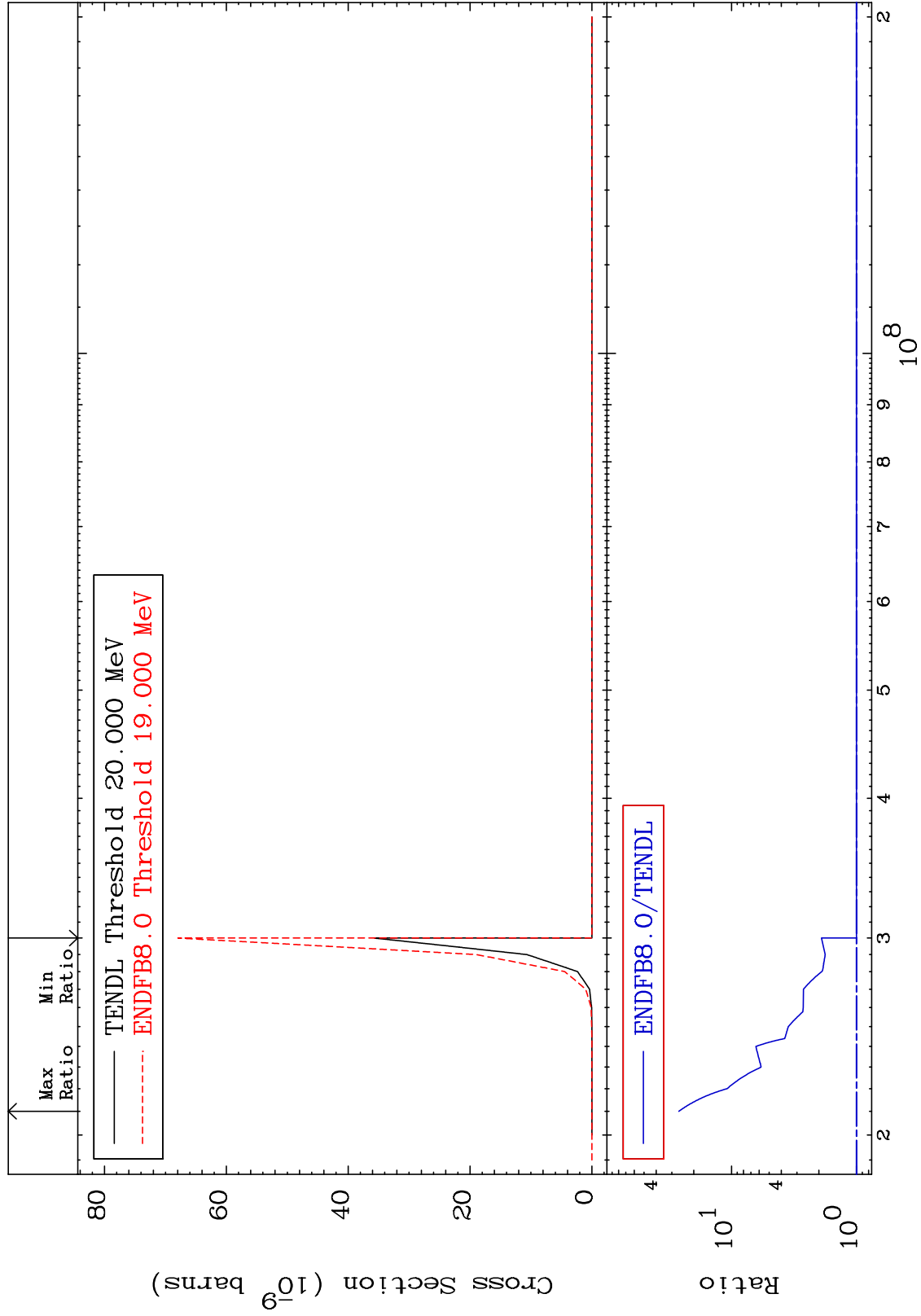
Incident Energy (eV)

36-Kr-81



MAT 3634

(n, n') 2α : 32-Ge-73m2 36-Kr-81
Radionuclide Production Cross Section 0.000 To 2535. %



87

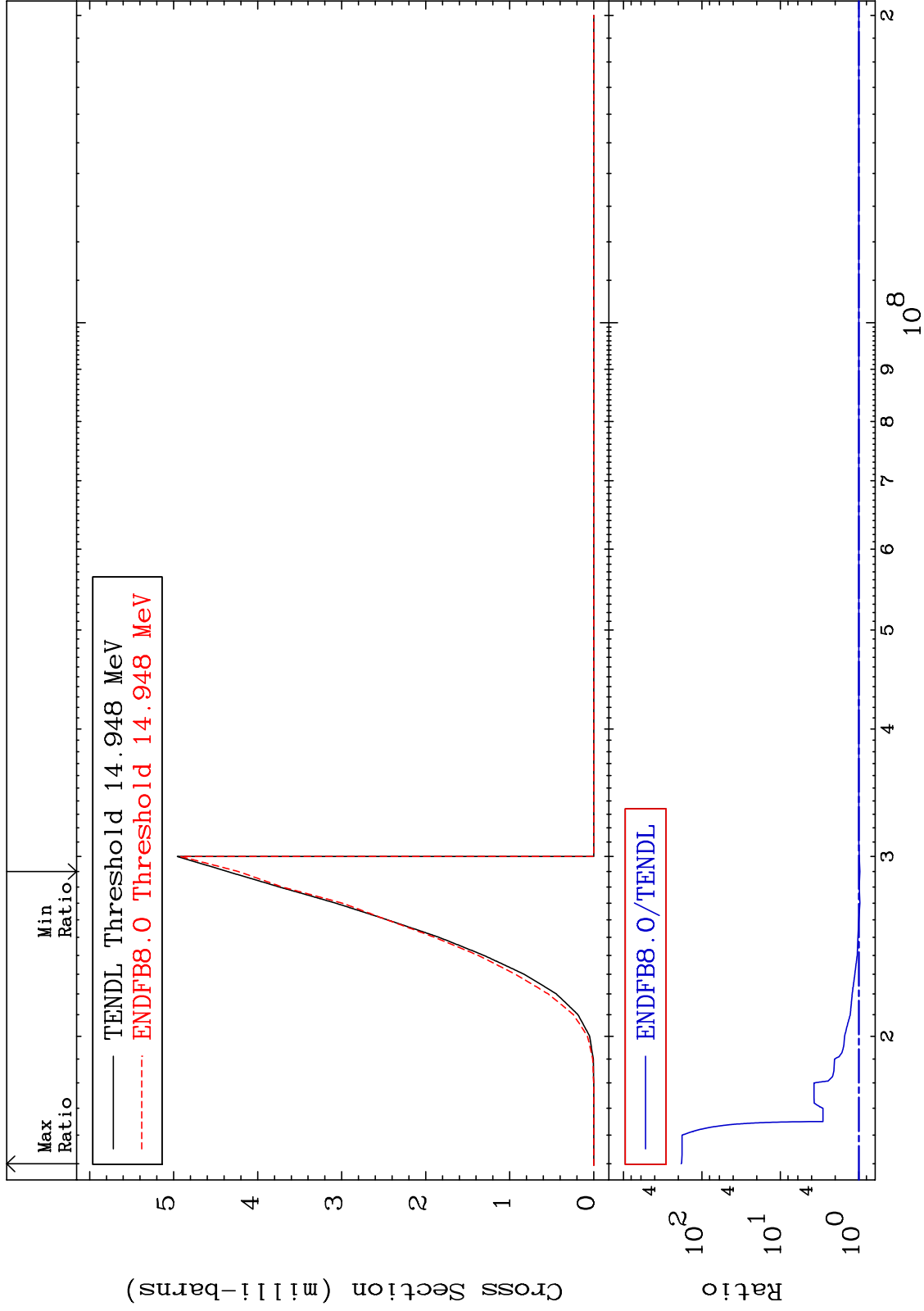
36-Kr-81

MAT 3634

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

36-Kr-81

Radionuclide Production Cross Section -2.987 To 9999. %

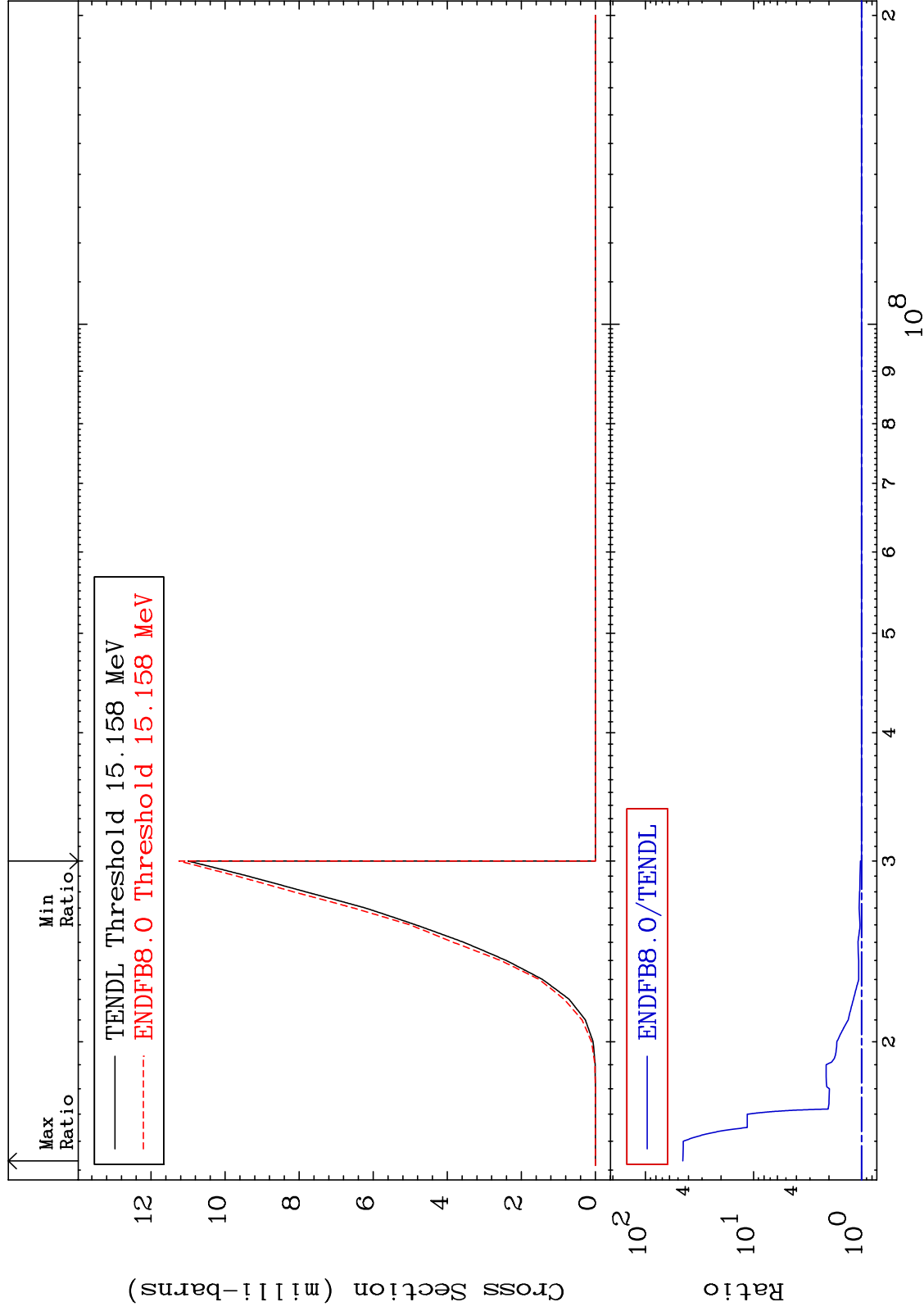


MAT 3634

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

36-Kr-81

Radionuclide Production Cross Section 0.000 To 4403. %



89

Incident Energy (eV)

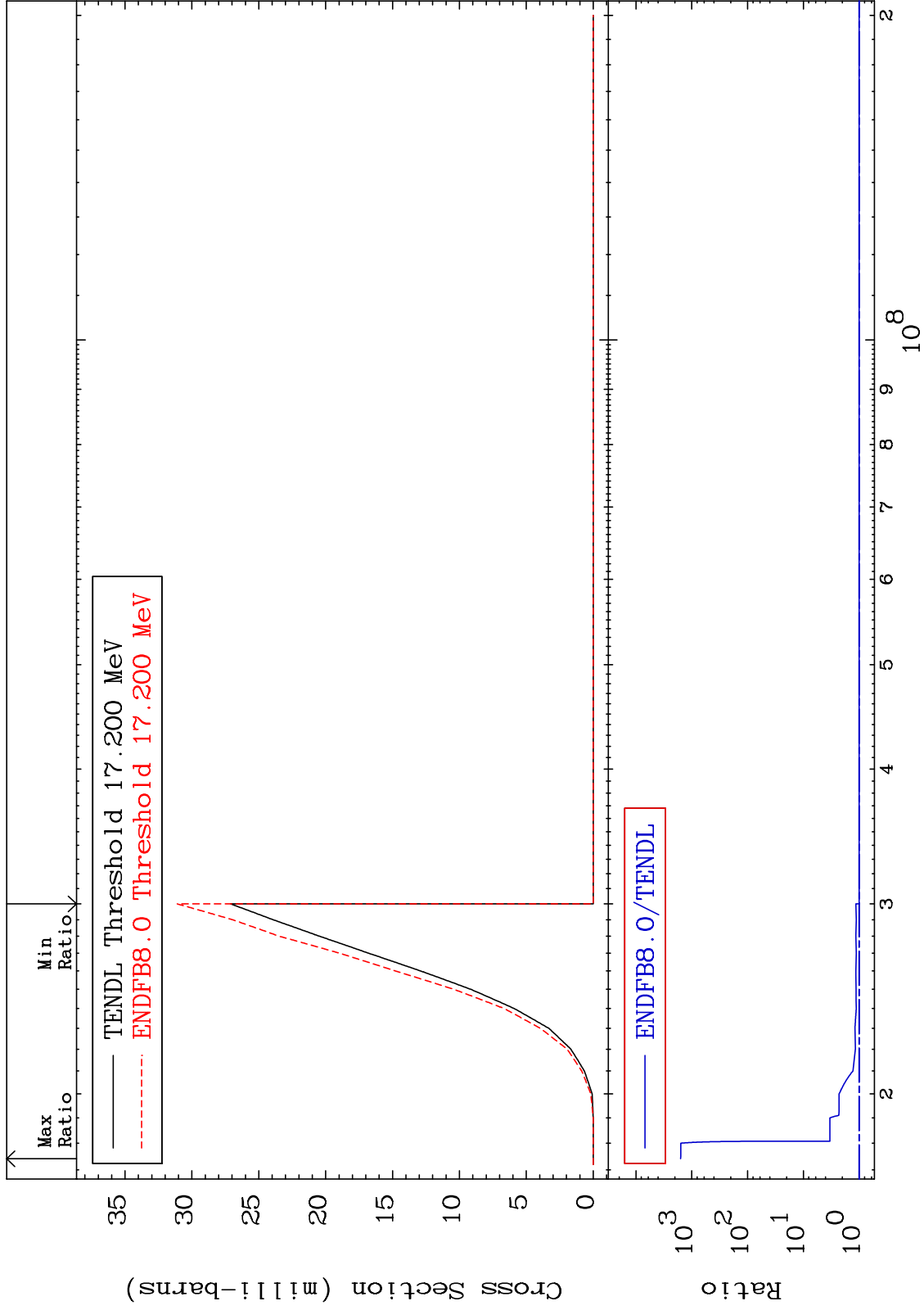
36-Kr-81

MAT 3634

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

36-Kr-81

Radionuclide Production Cross Section 0.000 To 9999. %



90

Incident Energy (eV)

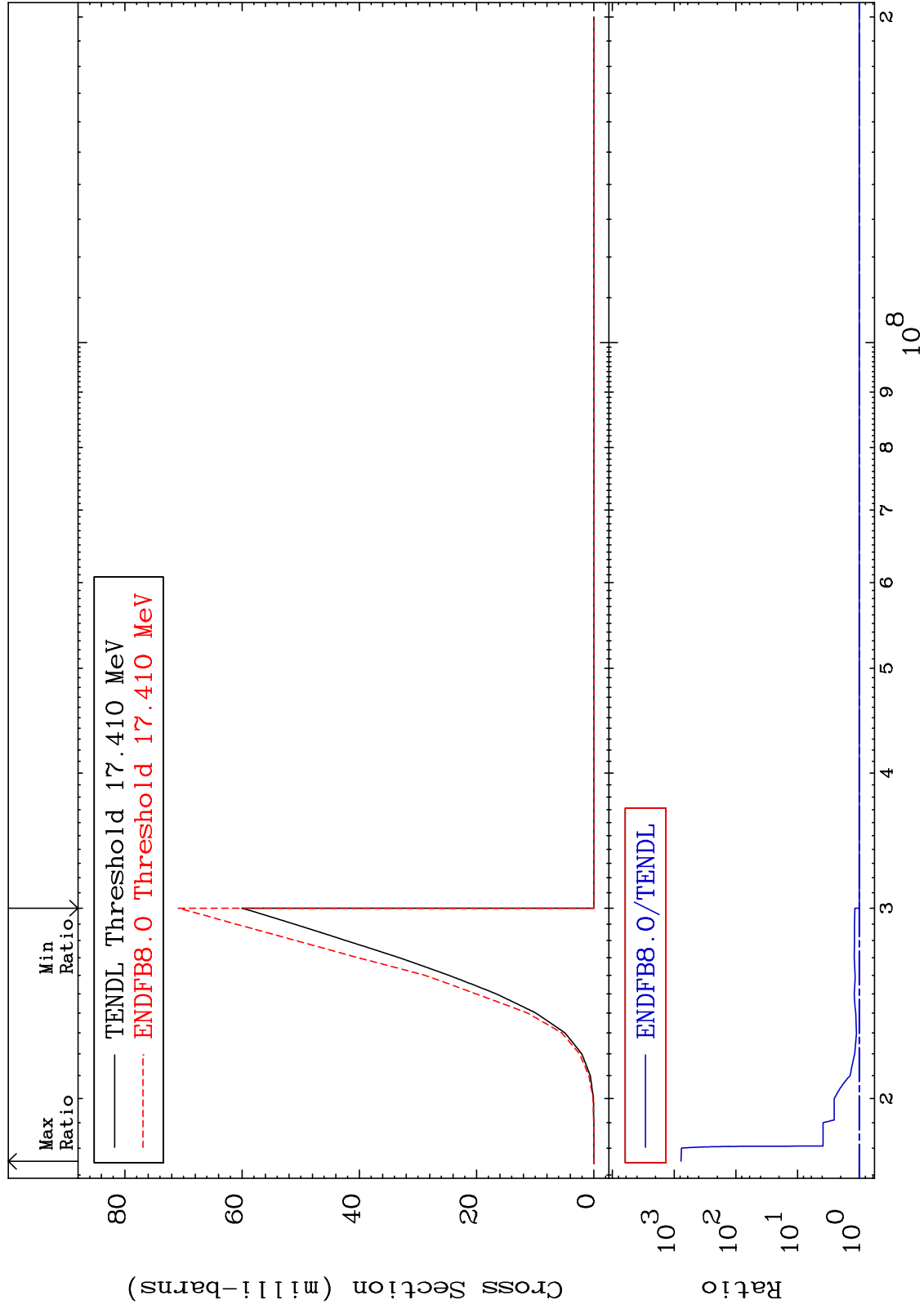
36-Kr-81

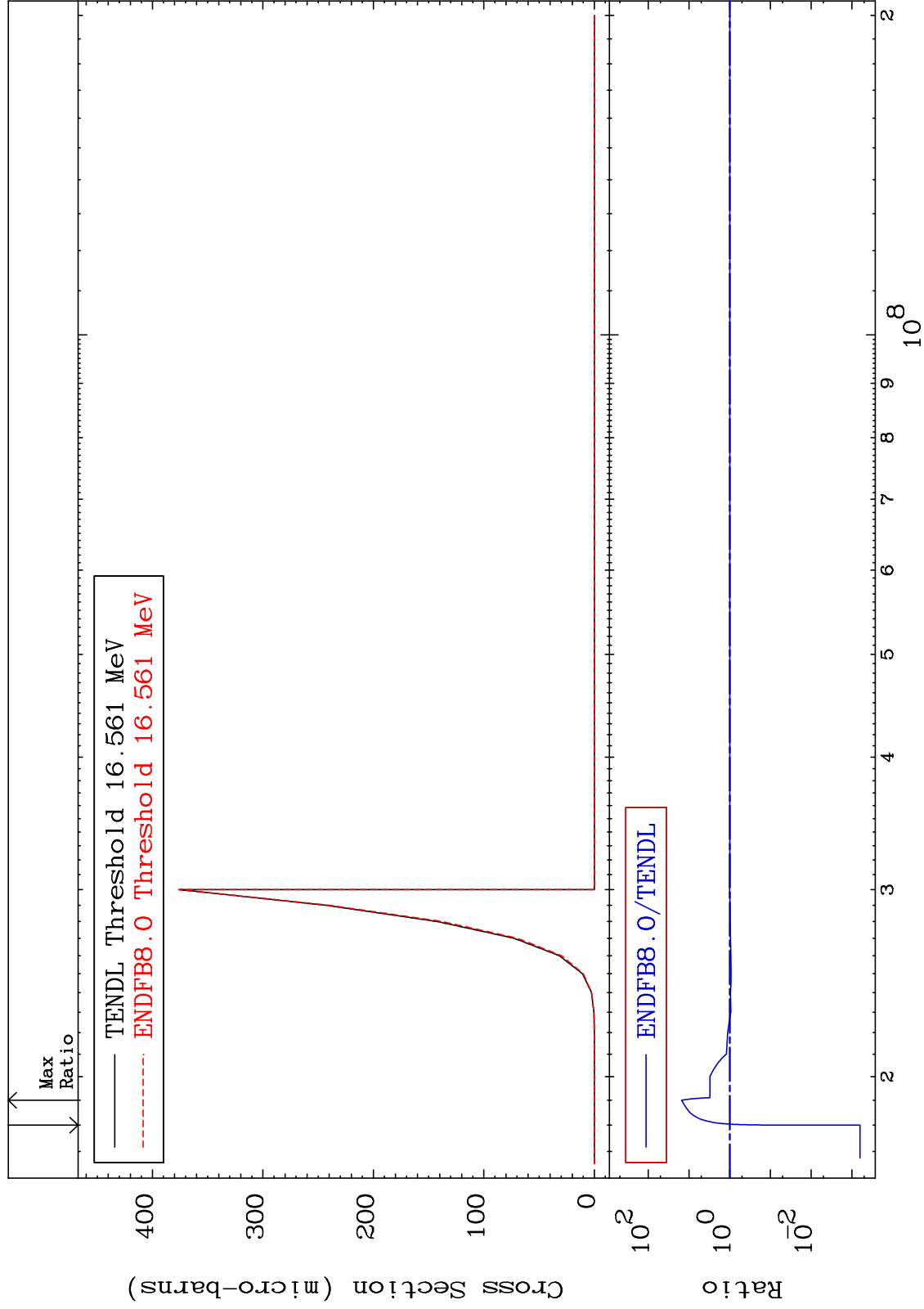
MAT 3634

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

36-Kr-81

Radionuclide Production Cross Section 0.000 To 9999. %



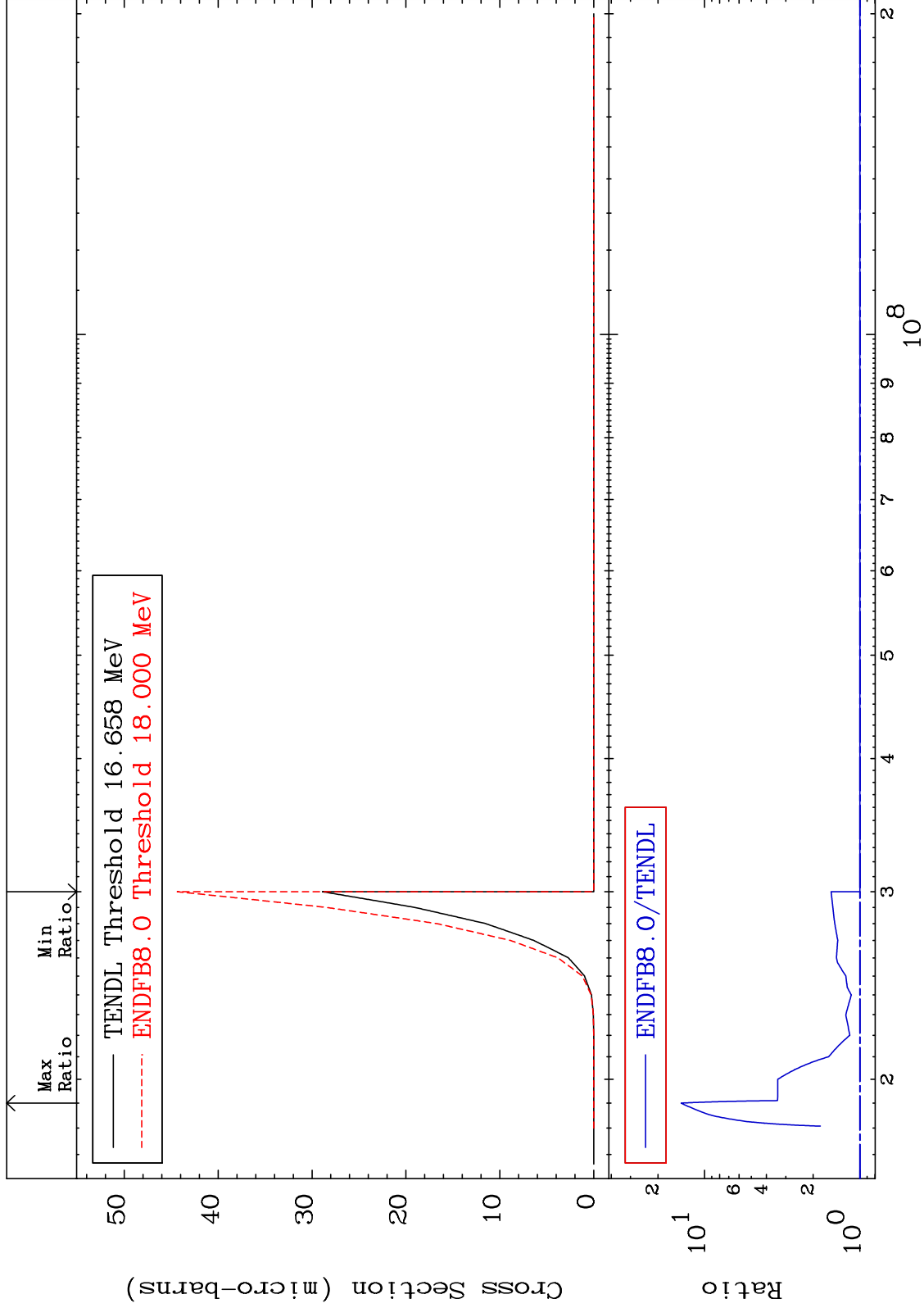


MAT 3634

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

36-Kr-81

Radionuclide Production Cross Section 0.000 To 1315. %

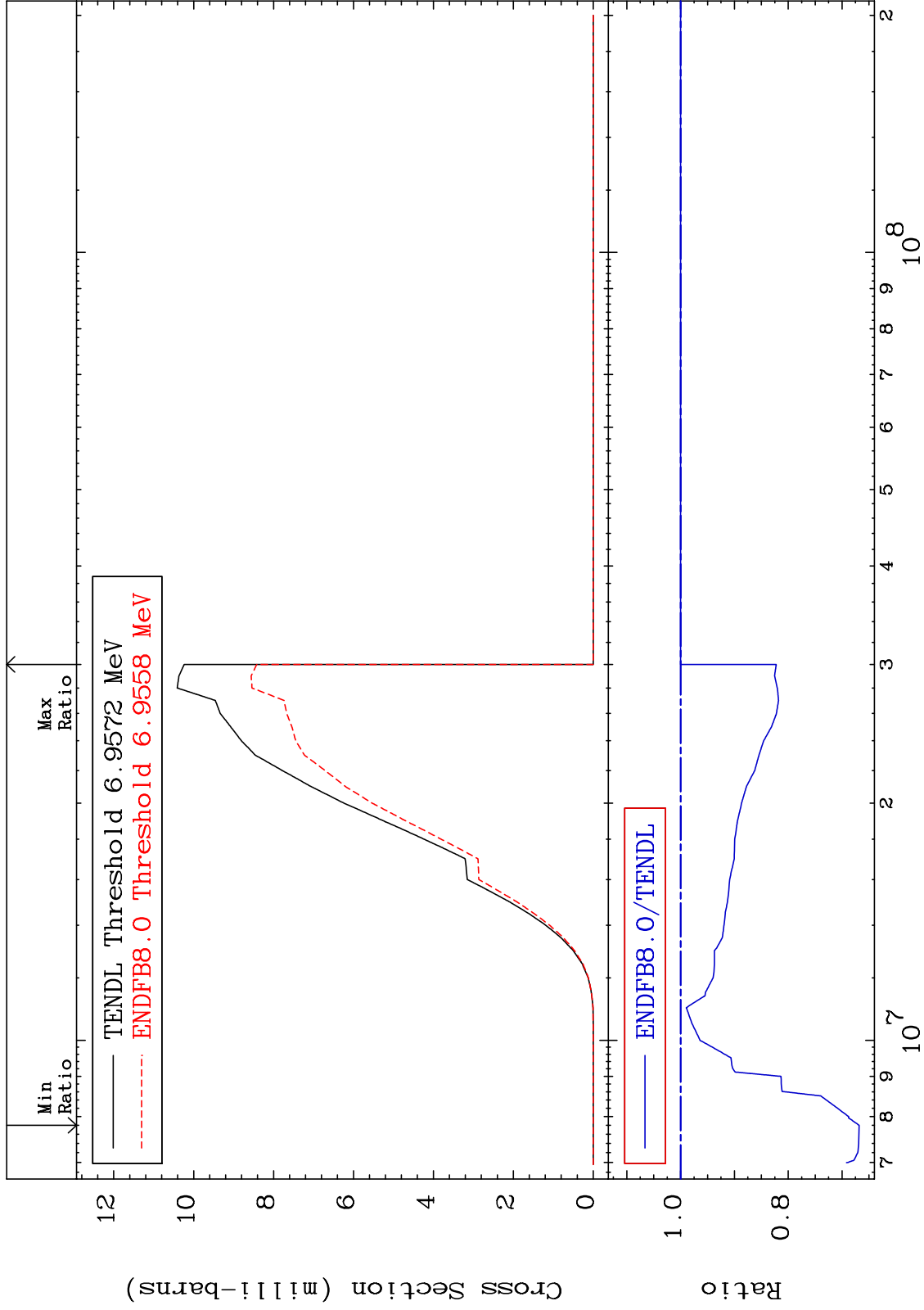


MAT 3634

³⁶Kr-81

(n, d) : ³⁵Br-80g

Radionuclide Production Cross Section -33.18 To 0.000 %



94

Incident Energy (eV)

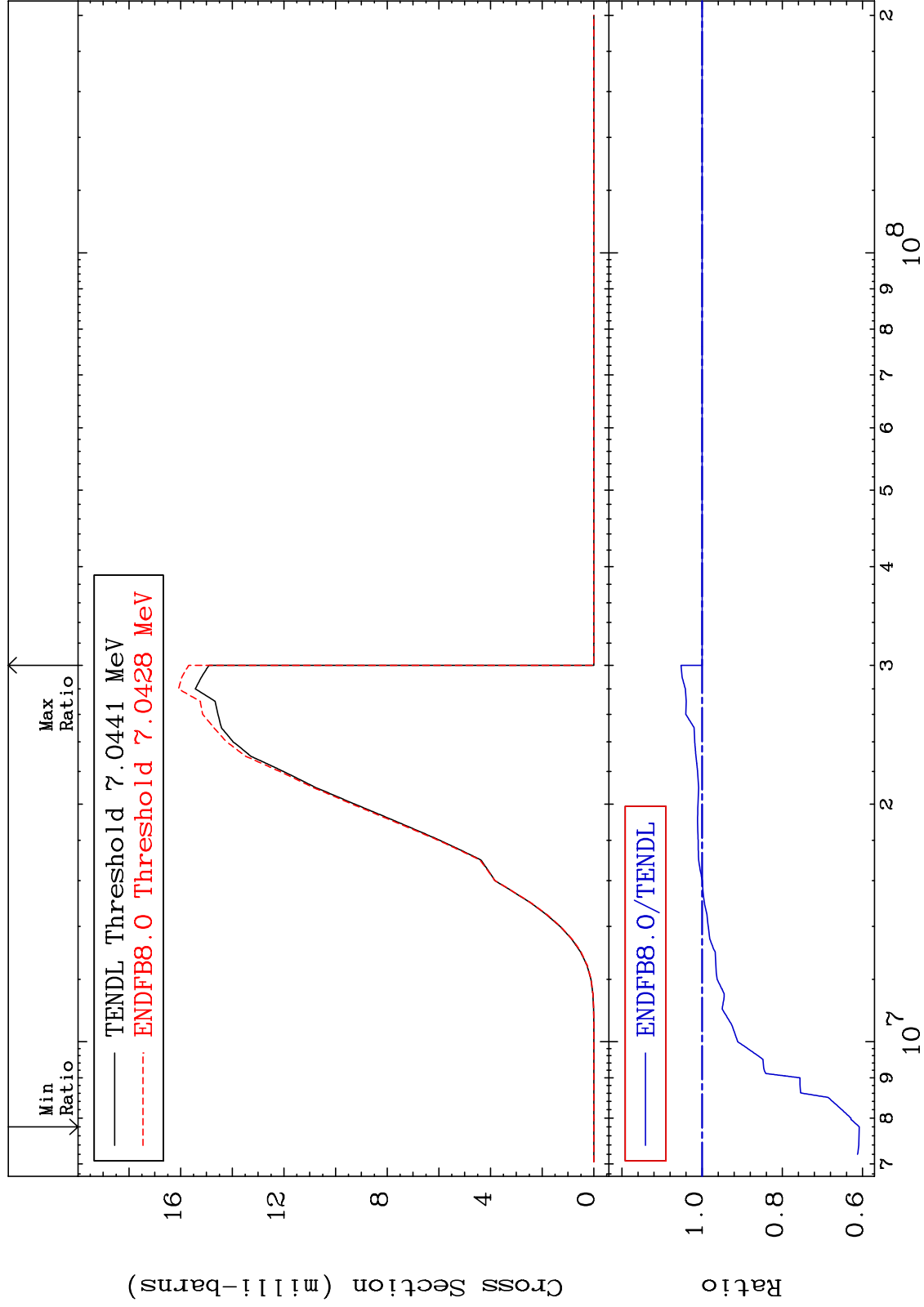
³⁶Kr-81

MAT 3634

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

36-Kr-81

Radionuclide Production Cross Section -39.17 To 5.255 %



95

Incident Energy (eV)

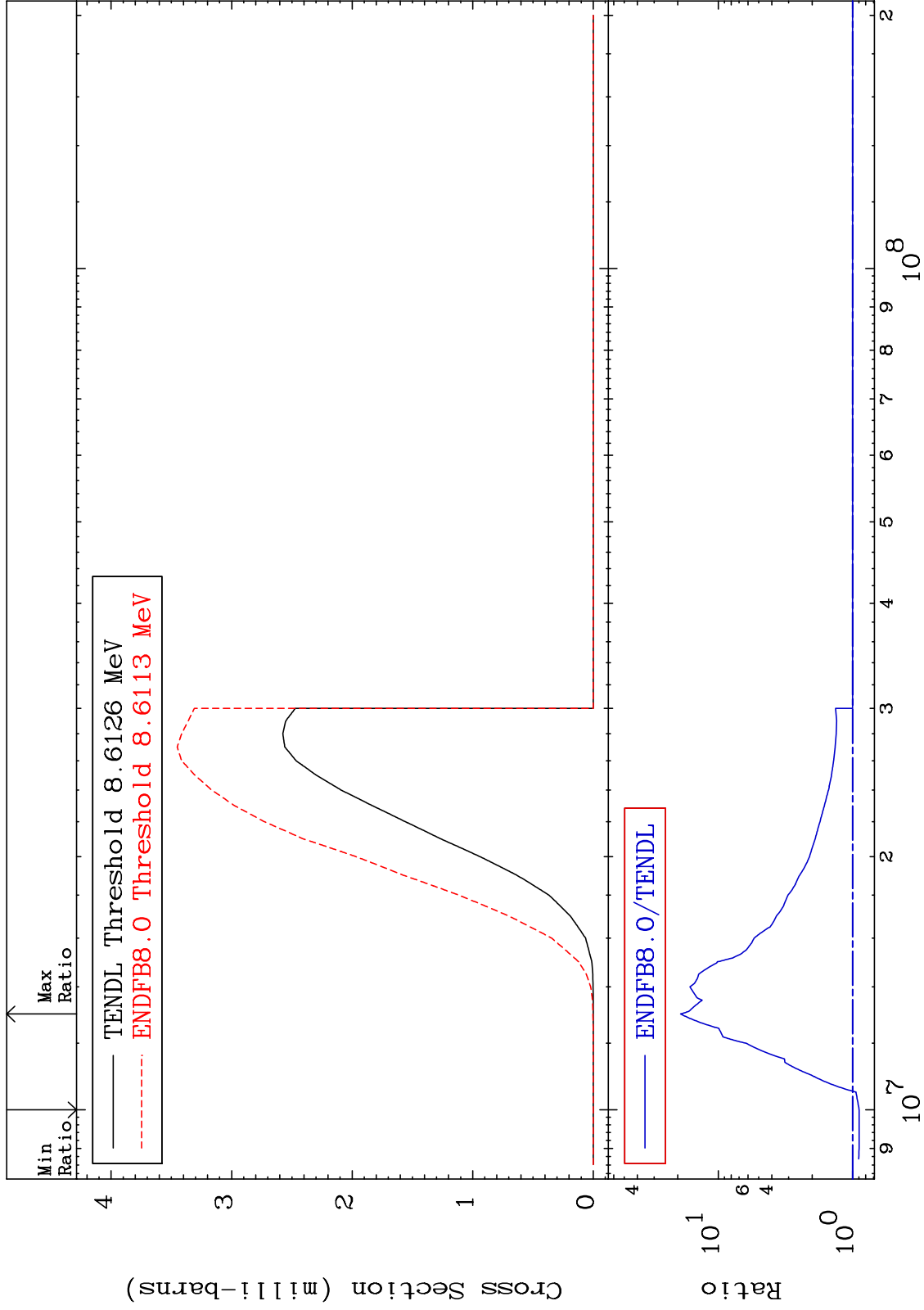
36-Kr-81

MAT 3634

(n, t) : 35-Br-79g

36-Kr-81

Radionuclide Production Cross Section -10.53 To 1806. %



96

Incident Energy (eV)

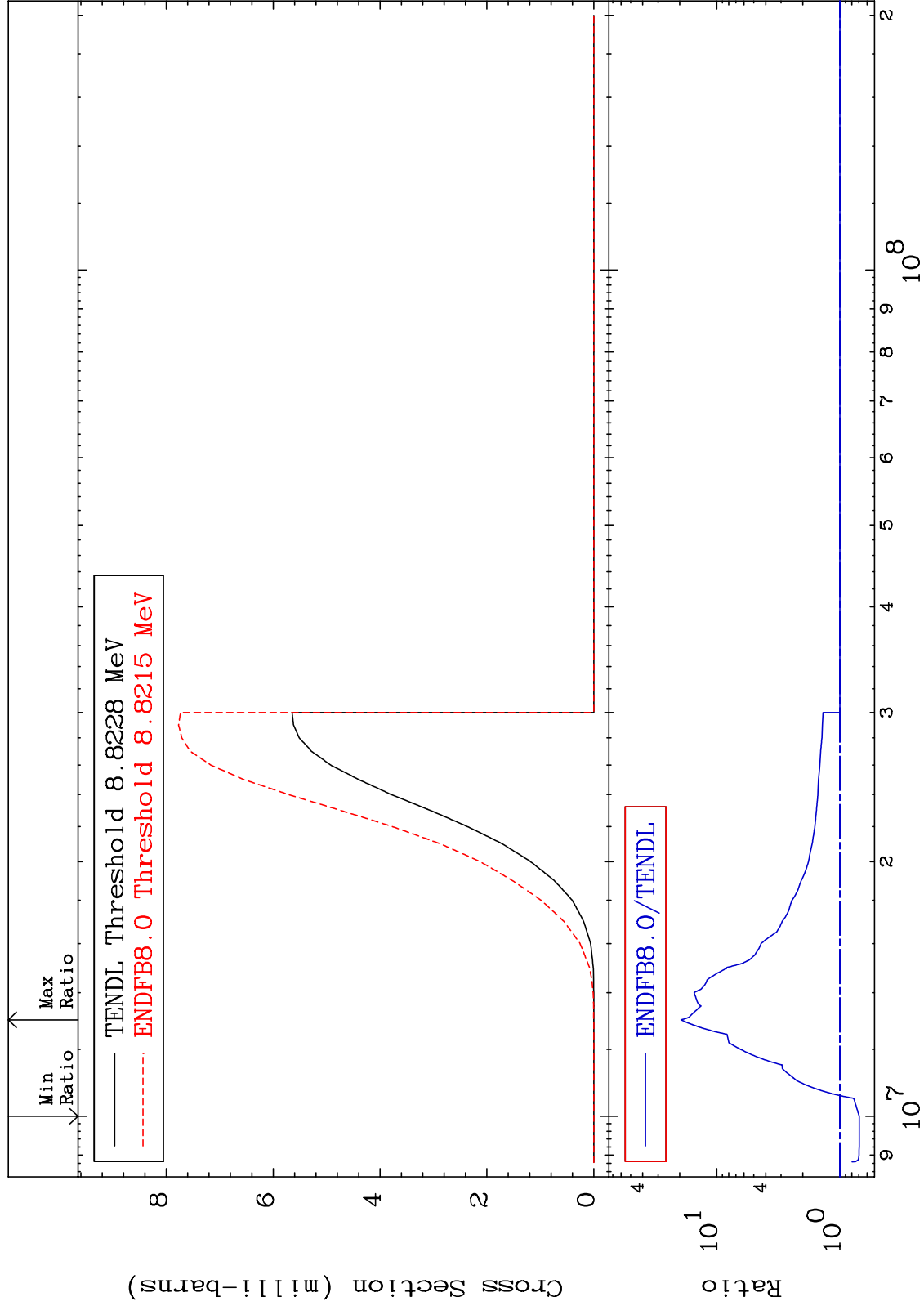
36-Kr-81

MAT 3634

(n, t): 35-Br-79m1

36-Kr-81

Radionuclide Production Cross Section -30.55 To 1850. %



97

Incident Energy (eV)

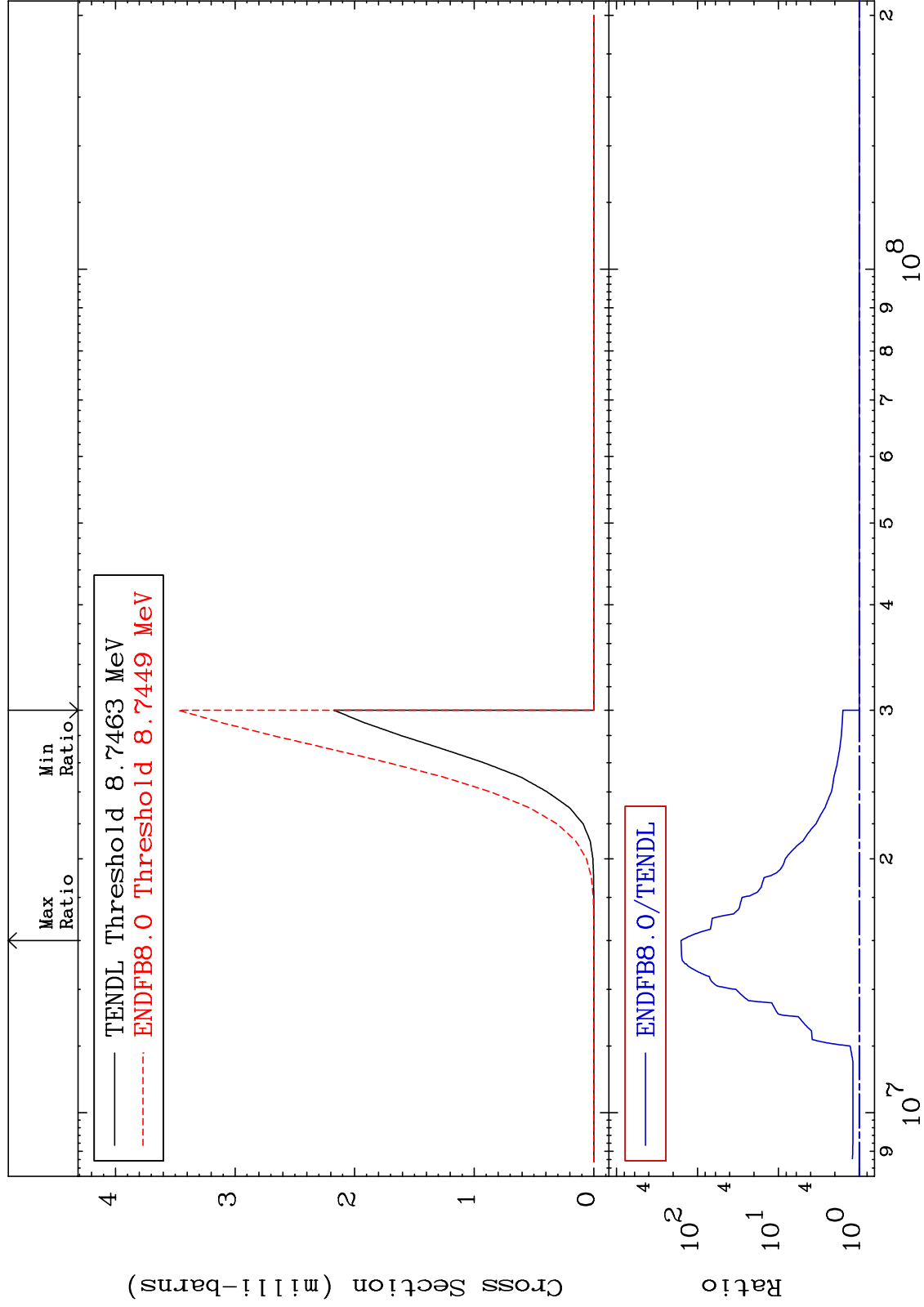
36-Kr-81

MAT 3634

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

36-Kr-81

Radionuclide Production Cross Section 0.000 To 9999. %



98

Incident Energy (eV)

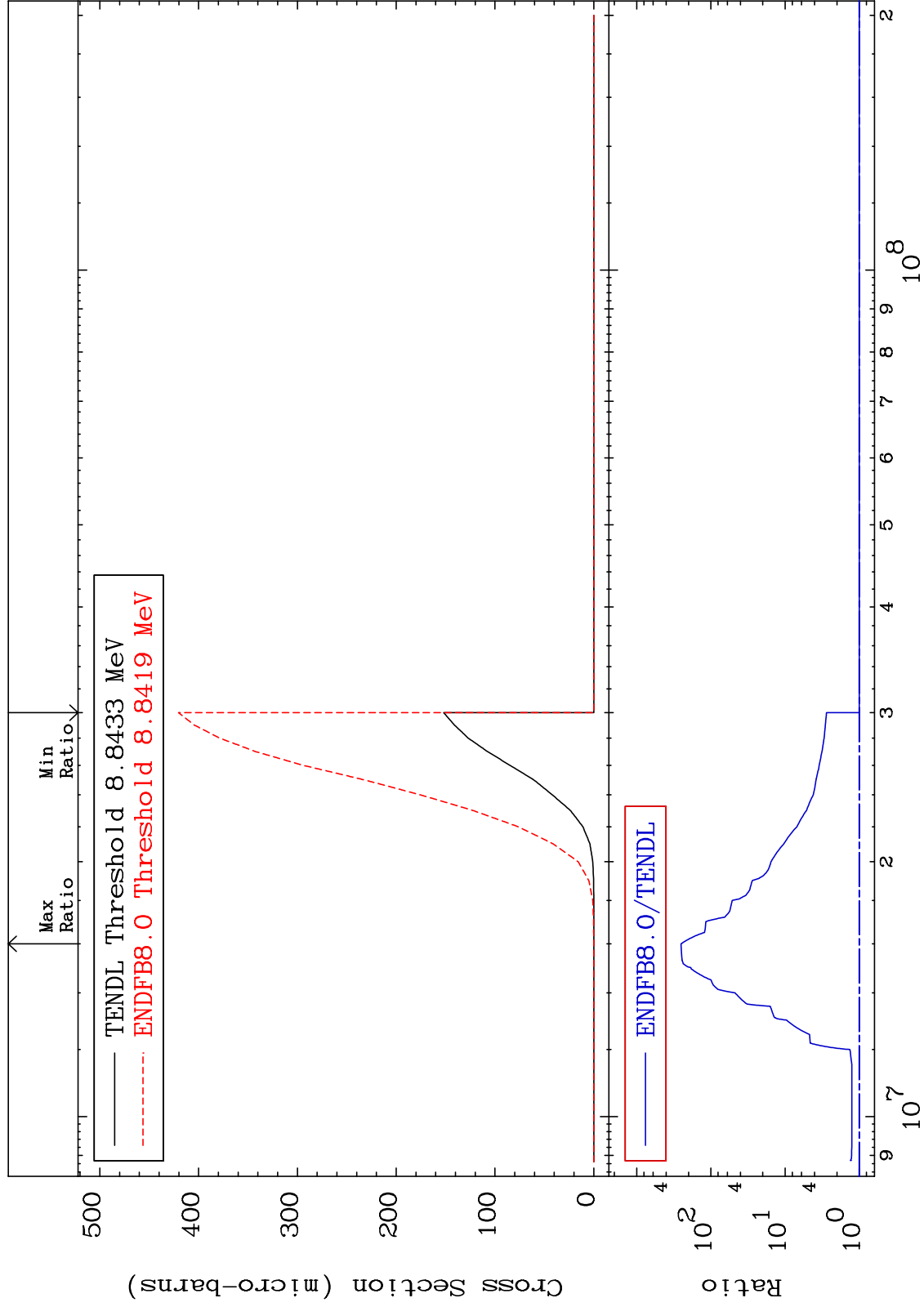
36-Kr-81

MAT 3634

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

36-Kr-81

Radionuclide Production Cross Section 0.000 To 9999. %



99

Incident Energy (eV)

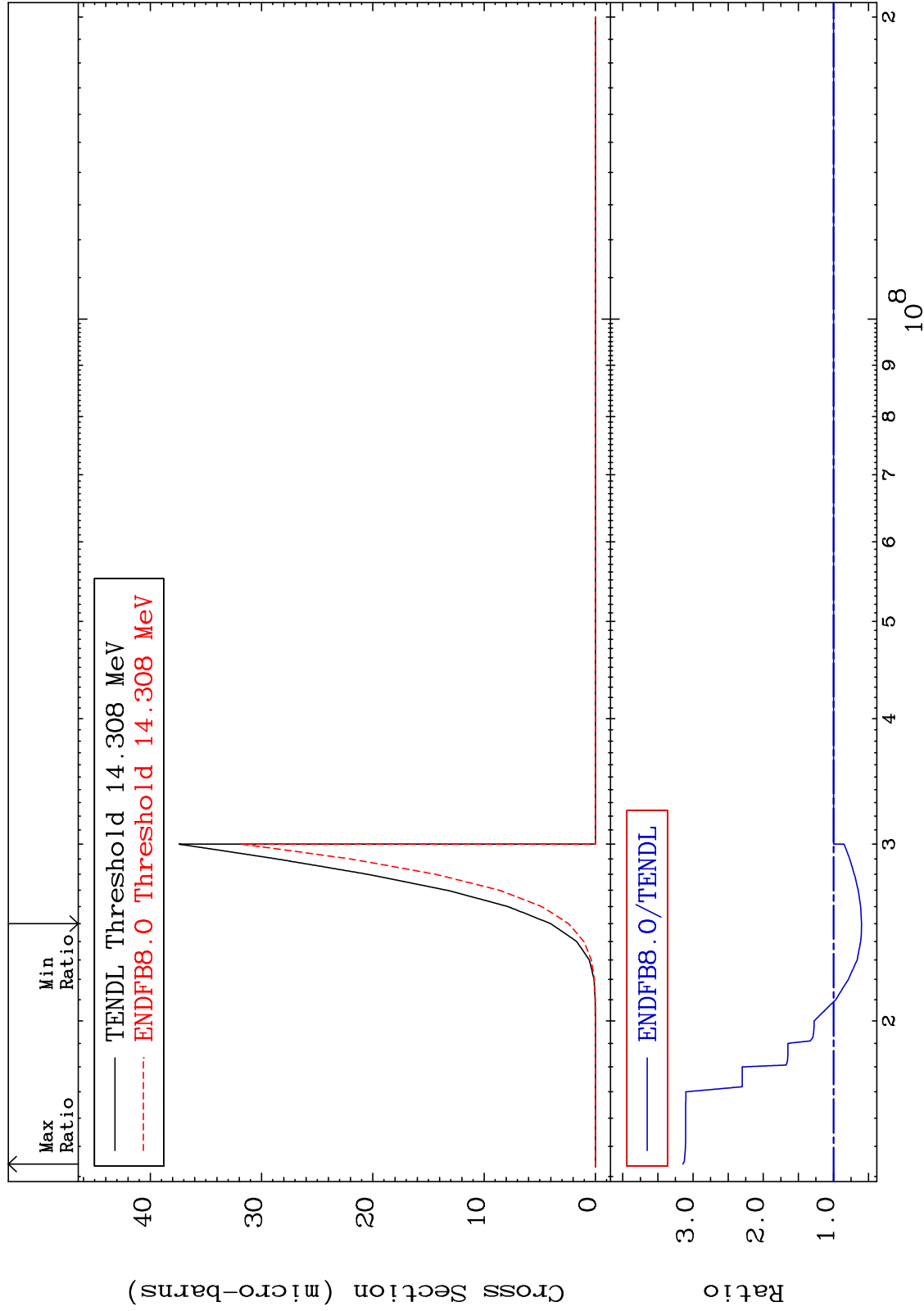
36-Kr-81

MAT 3634

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

36-Kr-81

Radionuclide Production Cross Section -40.00 To 214.5 %



100

Incident Energy (eV)

36-Kr-81

MAT 3634

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

36-Kr-81

Radionuclide Production Cross Section 0.000 To 273.6 %

