

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

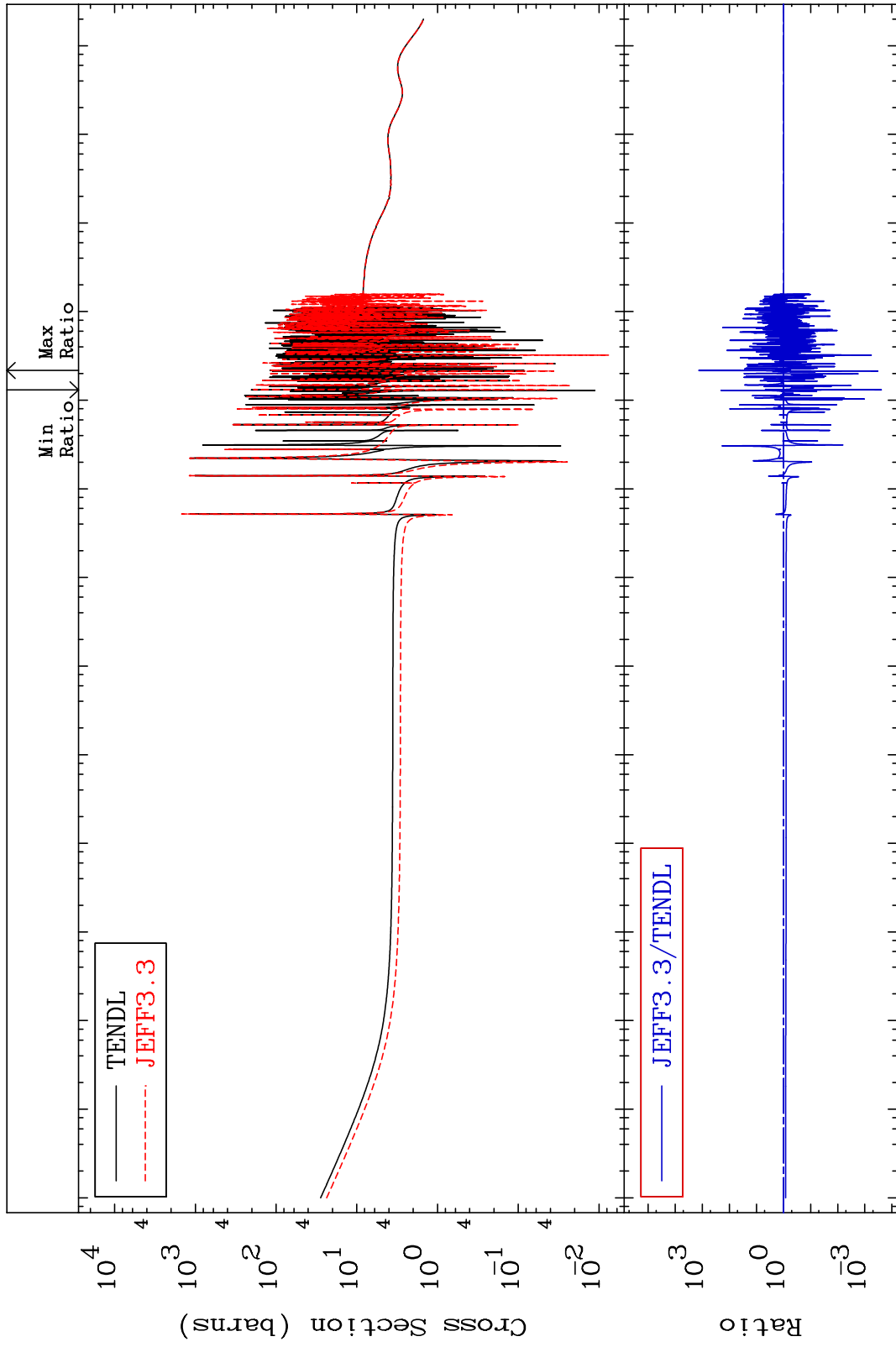
MAT 3643

Total

36-Kr-84

Cross Section

-99.98 To 9999. %



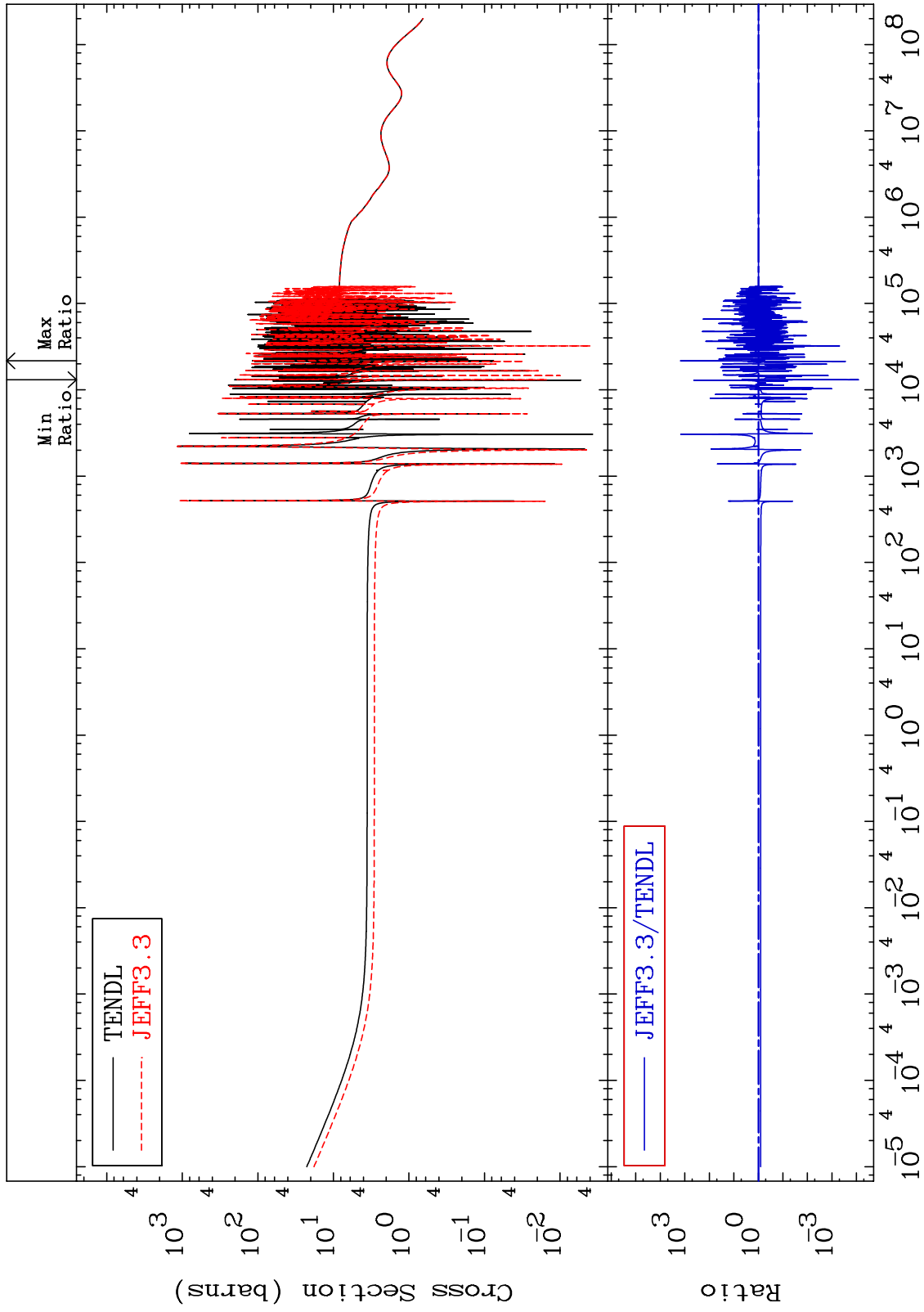
Incident Energy (eV)

36-Kr-84

MAT 3643

Elastic
Cross Section

36-Kr-84
-99.99 To 9999. %



2

Incident Energy (eV)

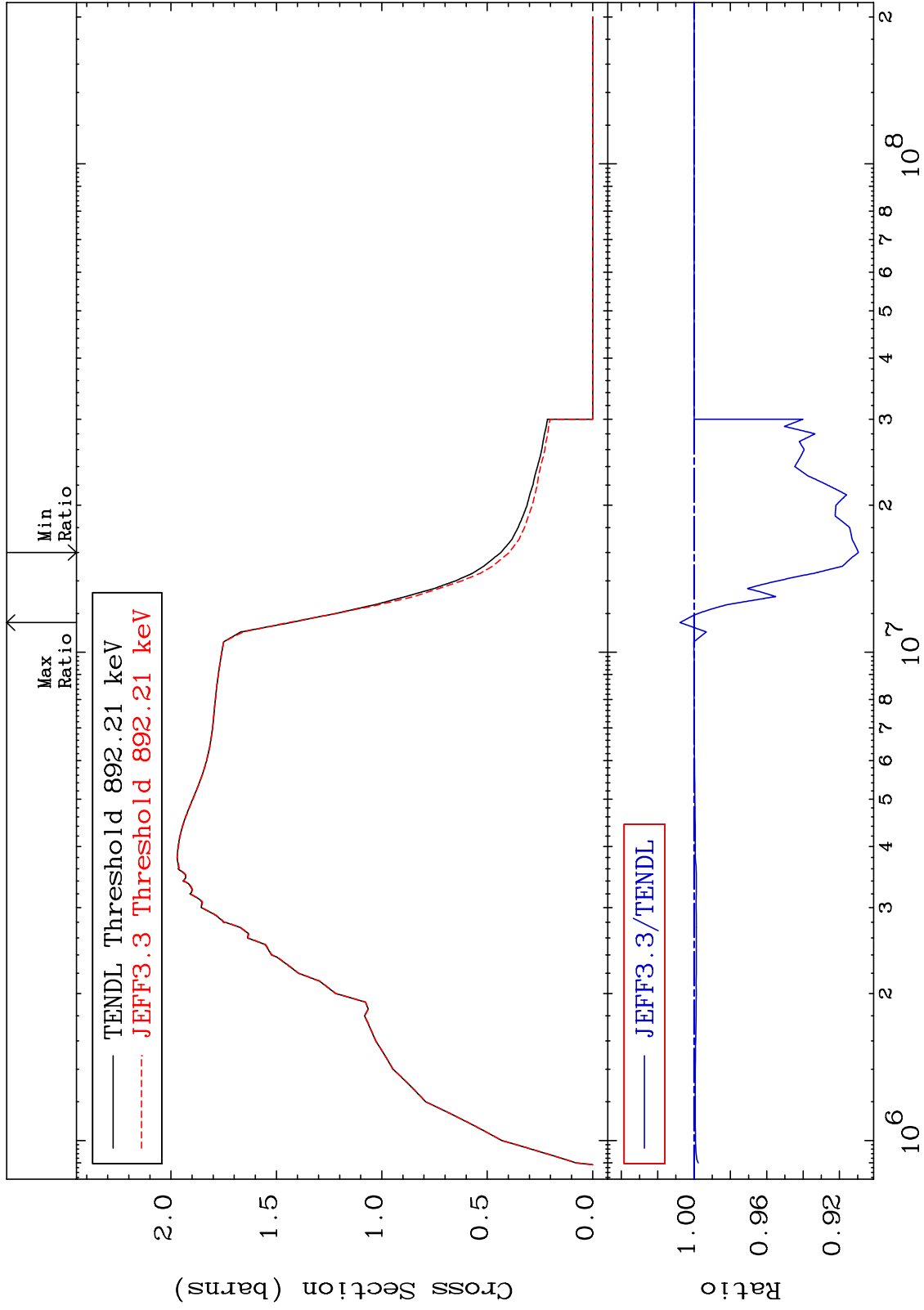
36-Kr-84

MAT 3643

Inelastic
Cross Section

36-Kr-84

-9.042 To 0.773 %



Incident Energy (eV)

36-Kr-84

3

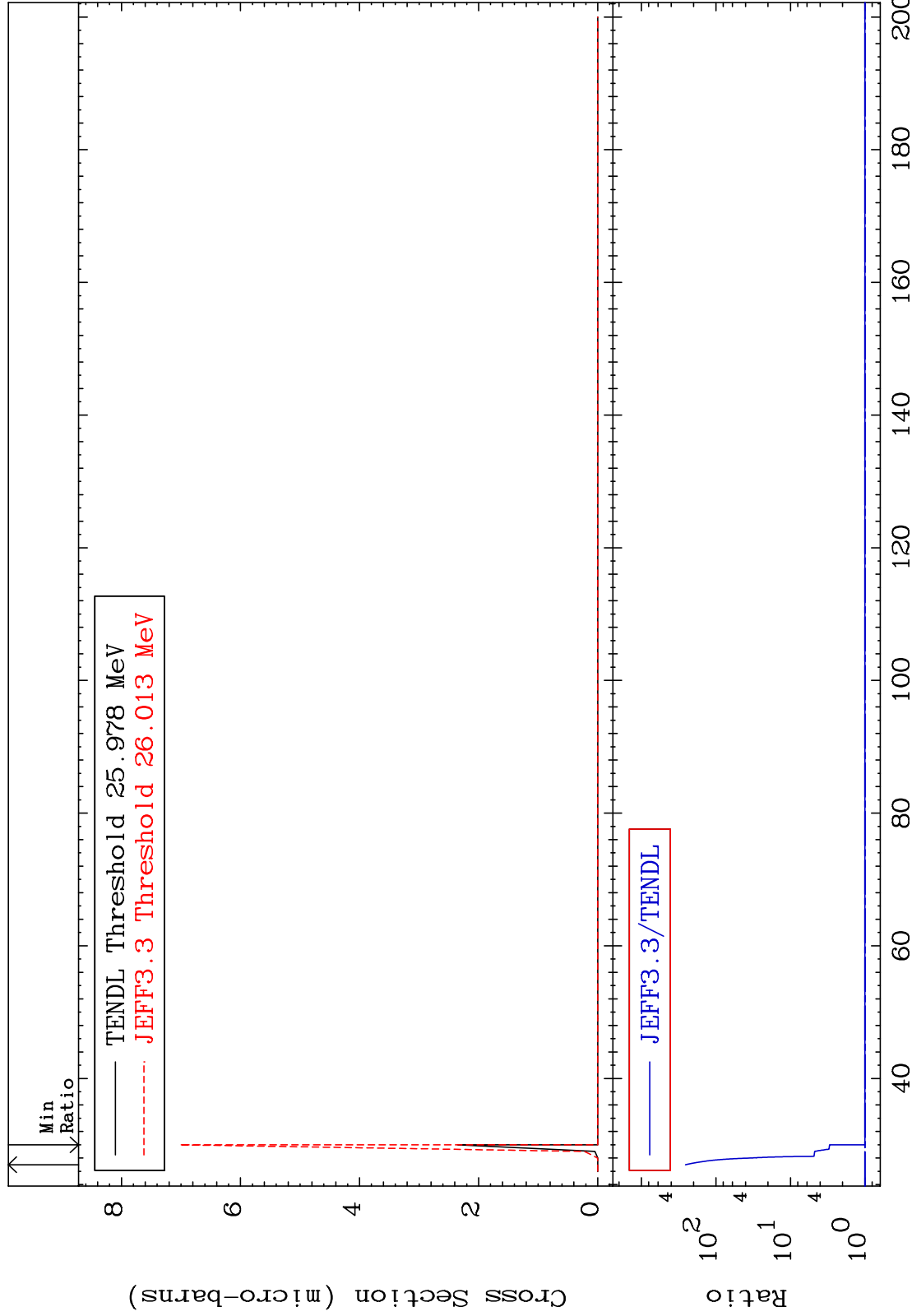
MAT 3643

(n,2n) d

³⁶Kr-84

Cross Section

0.000 To 9999. %



4

Incident Energy (MeV)

³⁶Kr-84

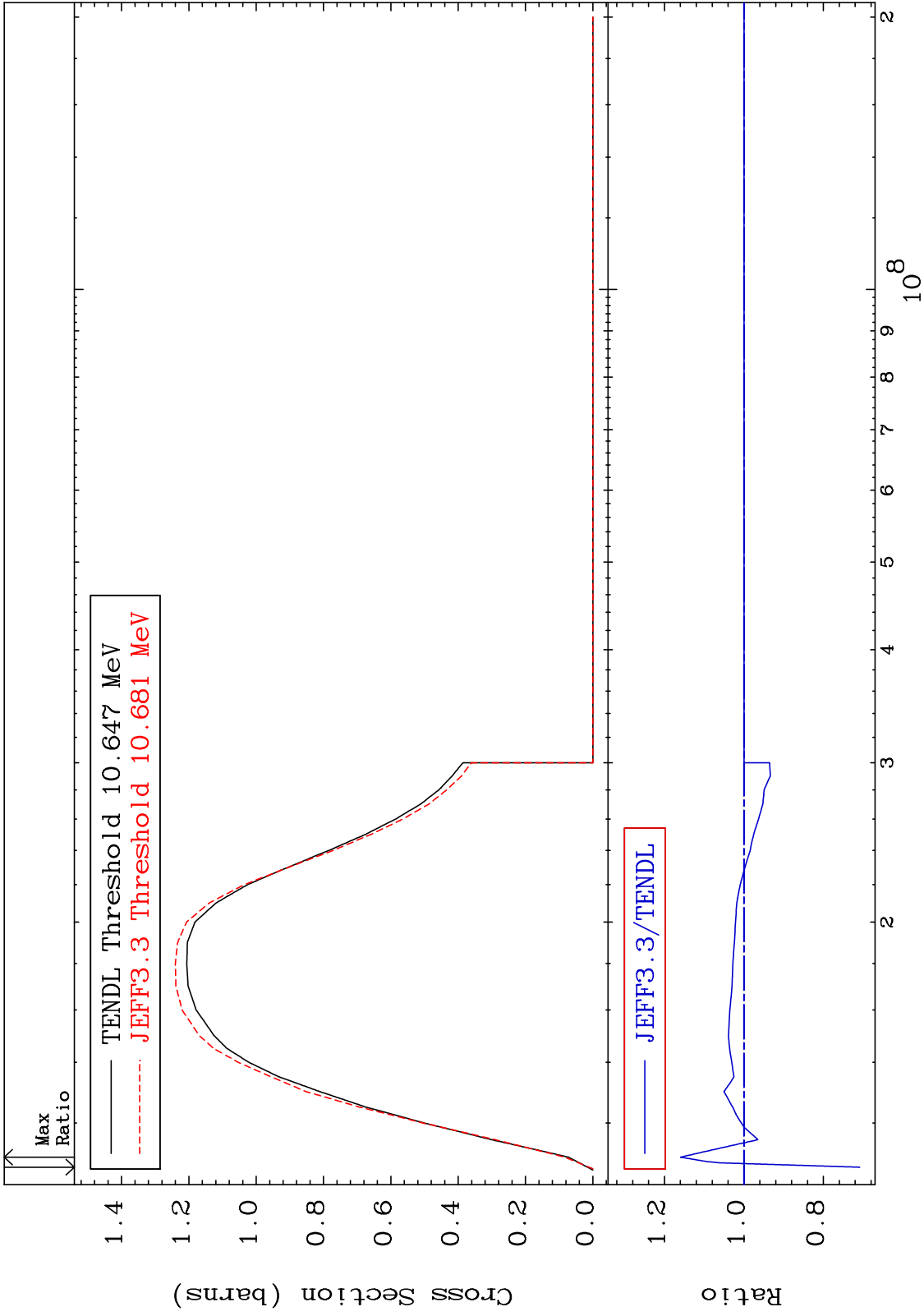
MAT 3643

(n,2n)

³⁶Kr-84

Cross Section

-29.17 To 15.95 %

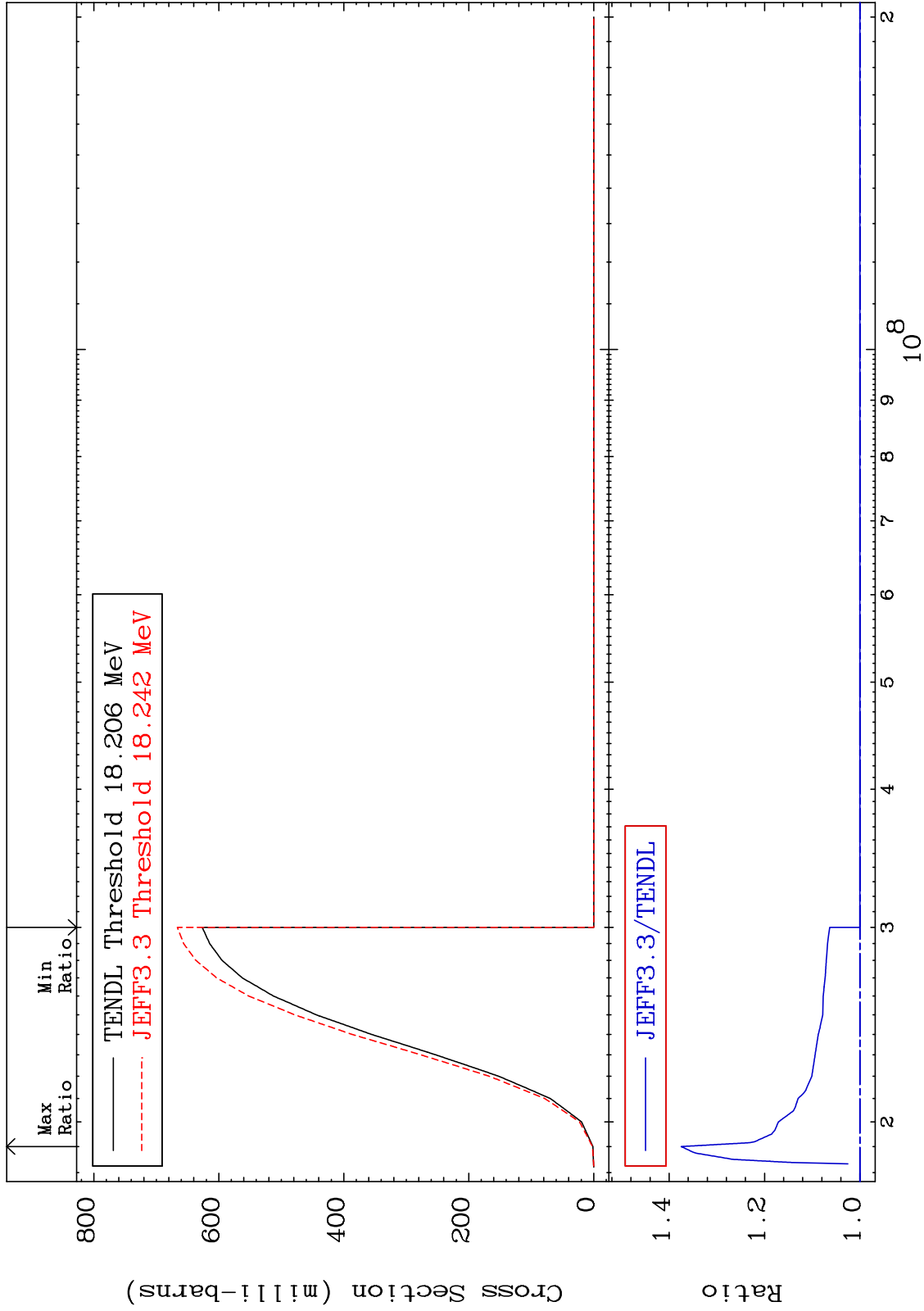


MAT 3643

(n,3n)

³⁶Kr-84

Cross Section 0.000 To 37.47 %



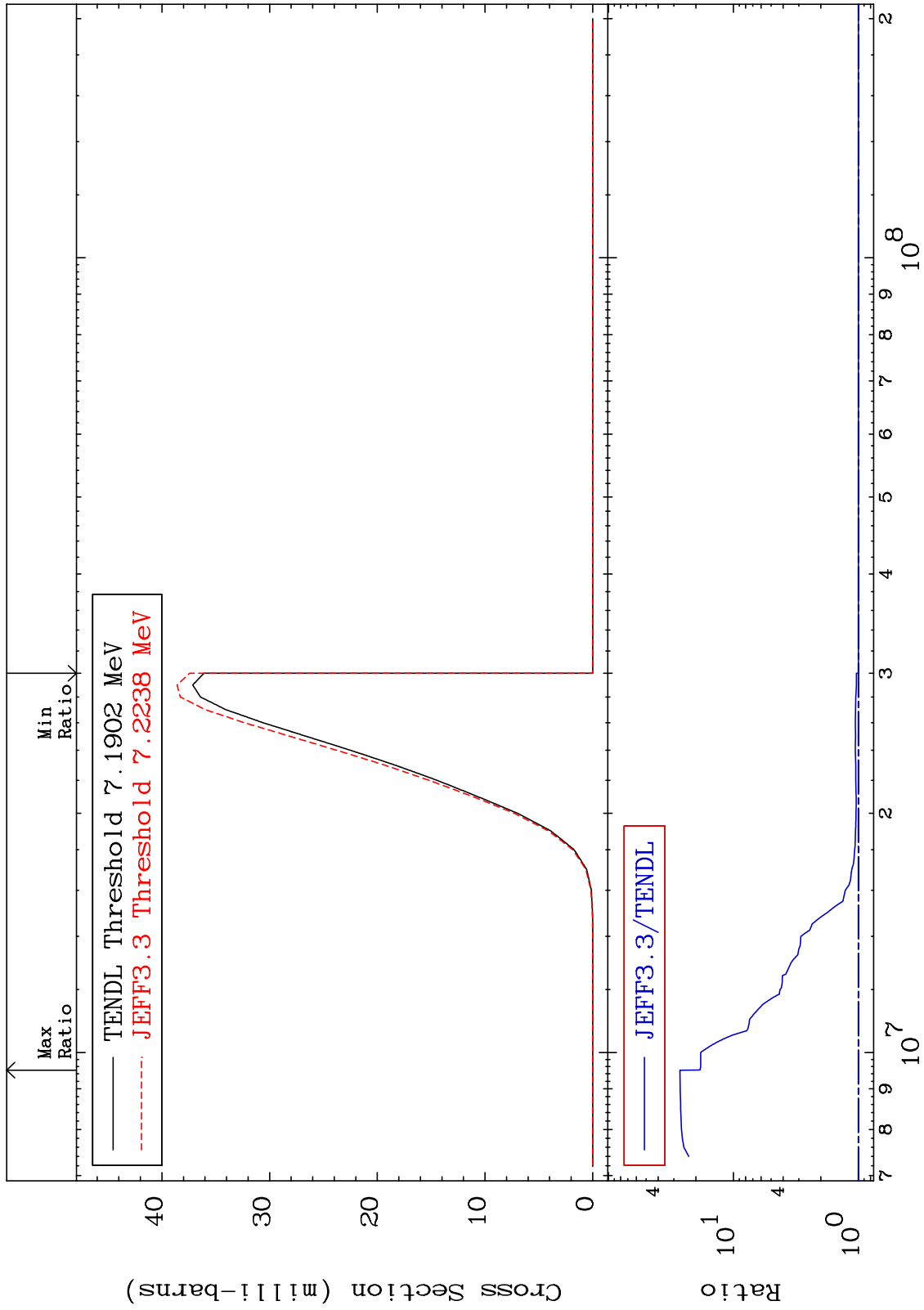
MAT 3643

$(n, n') \alpha$

³⁶Kr-84

Cross Section

0.000 To 2578. %



Incident Energy (eV)

³⁶Kr-84

7

MAT 3643

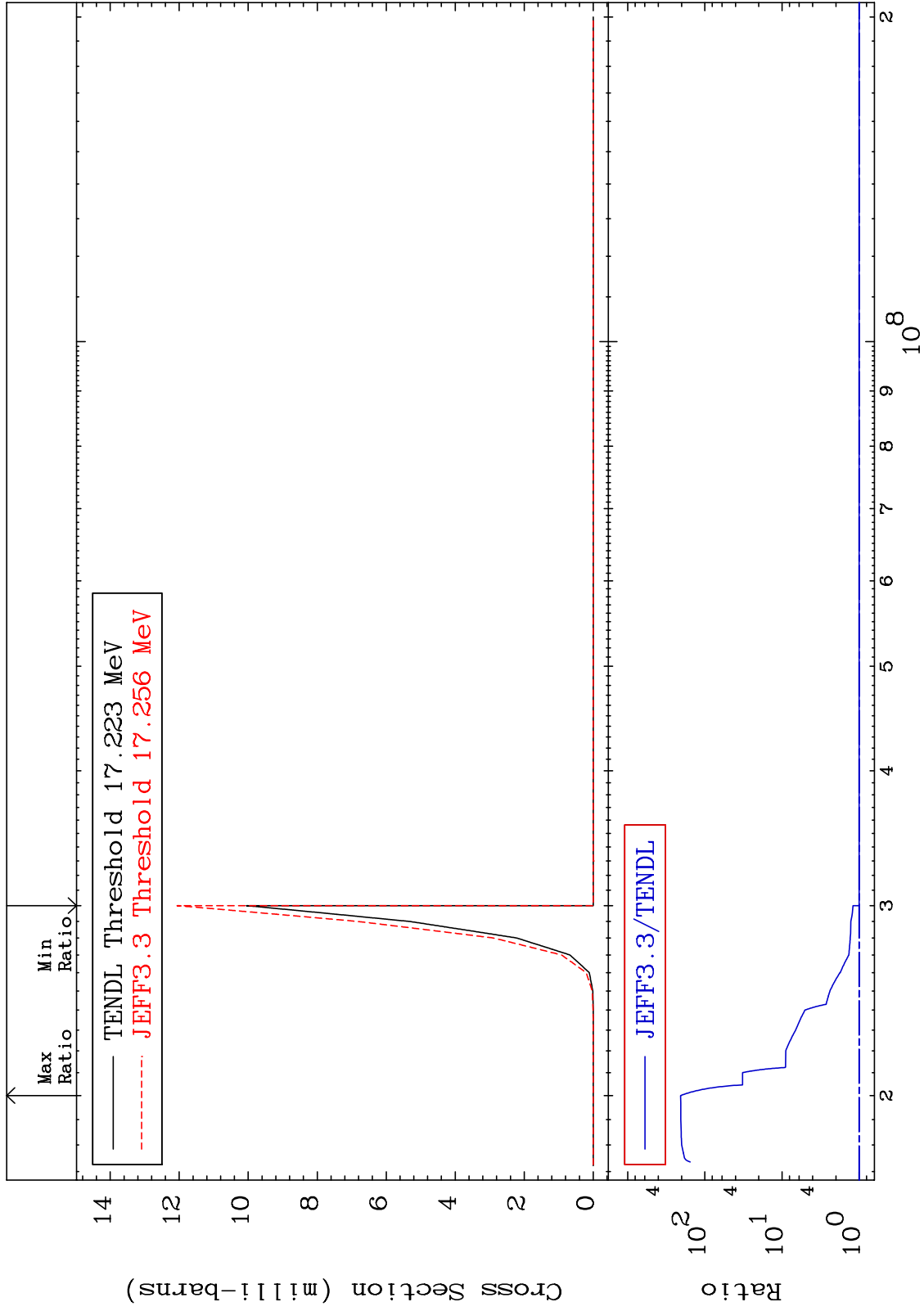
(n,2n) α

³⁶Kr-84

Cross Section

0.000

To 9999. %



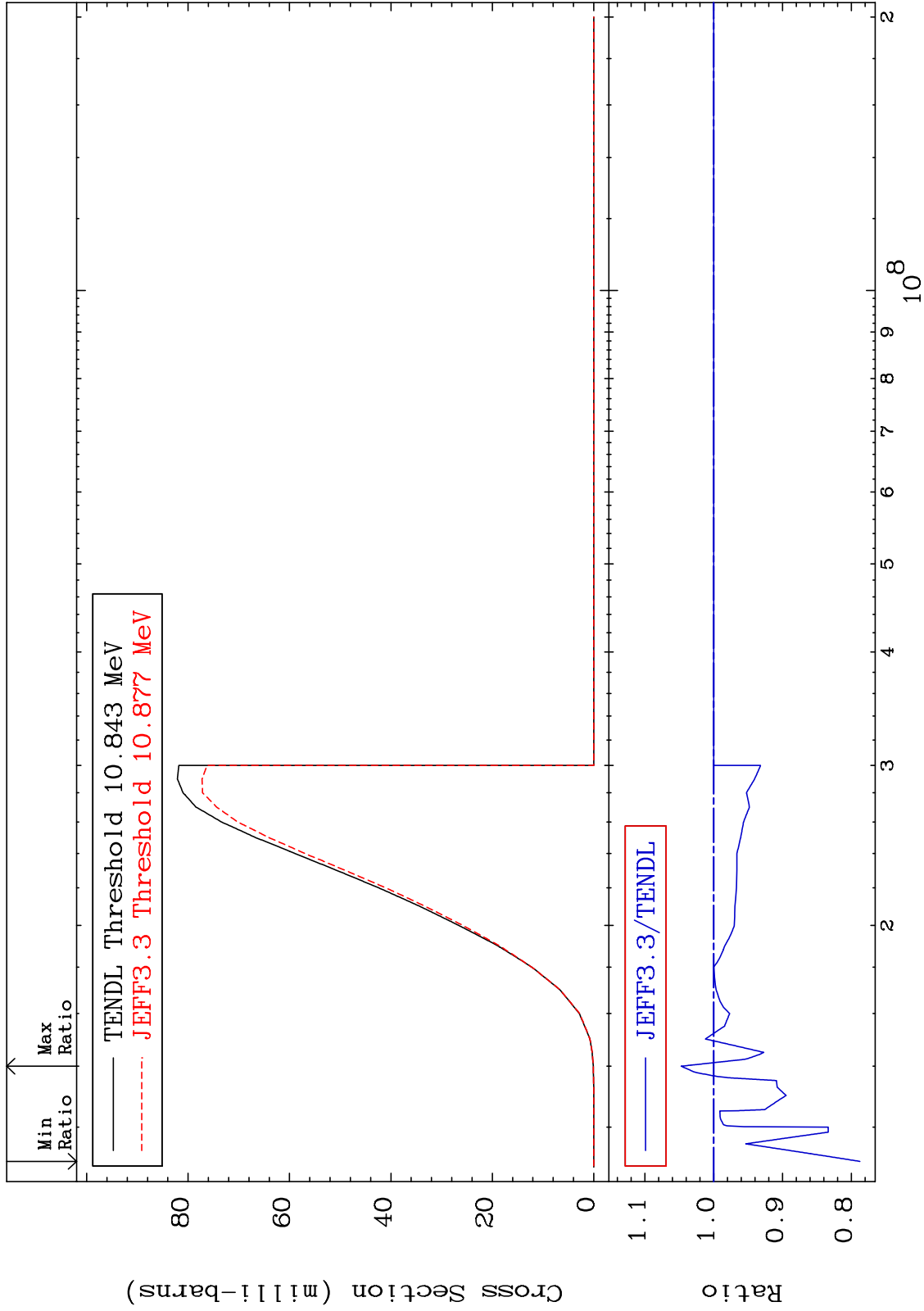
MAT 3643

(n,n') p

36-Kr-84

Cross Section

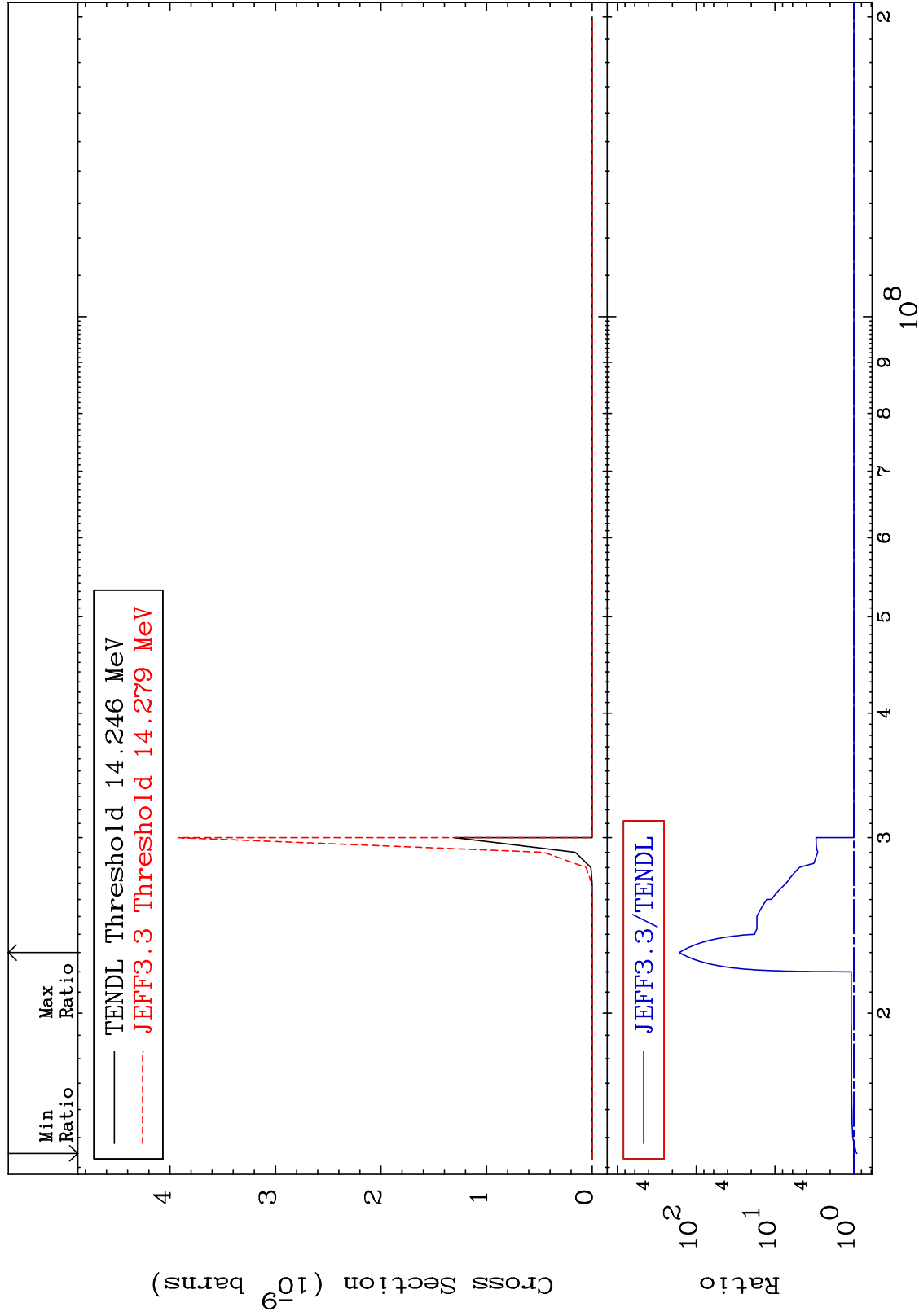
-21.23 To 4.721 %



MAT 3643

(n,n') 2α
Cross Section

36-Kr-84
-8.640 To 9999. %



10

Incident Energy (eV)

36-Kr-84

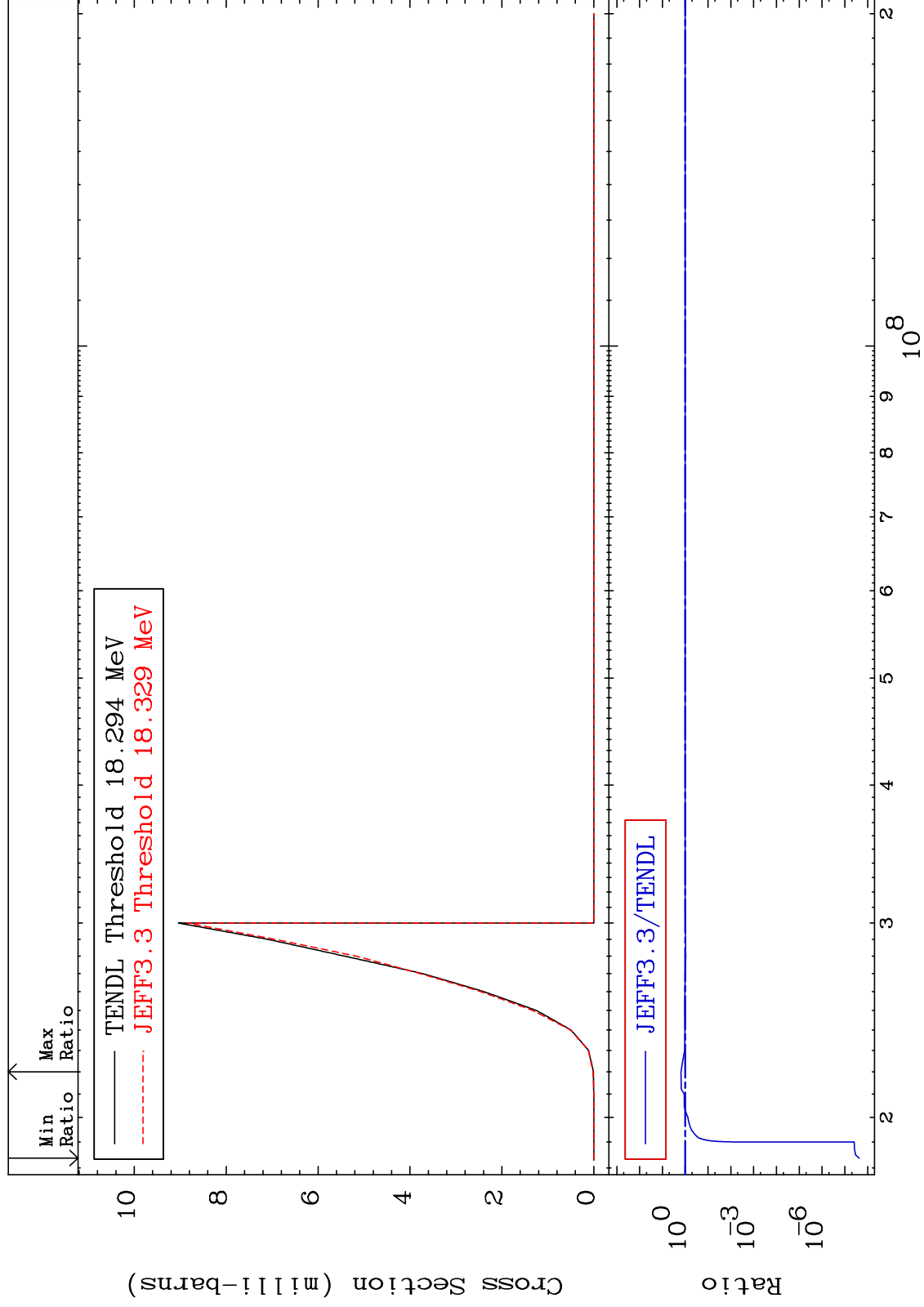
MAT 3643

(n,n') d

36-Kr-84

Cross Section

-100.0 To 52.49 %



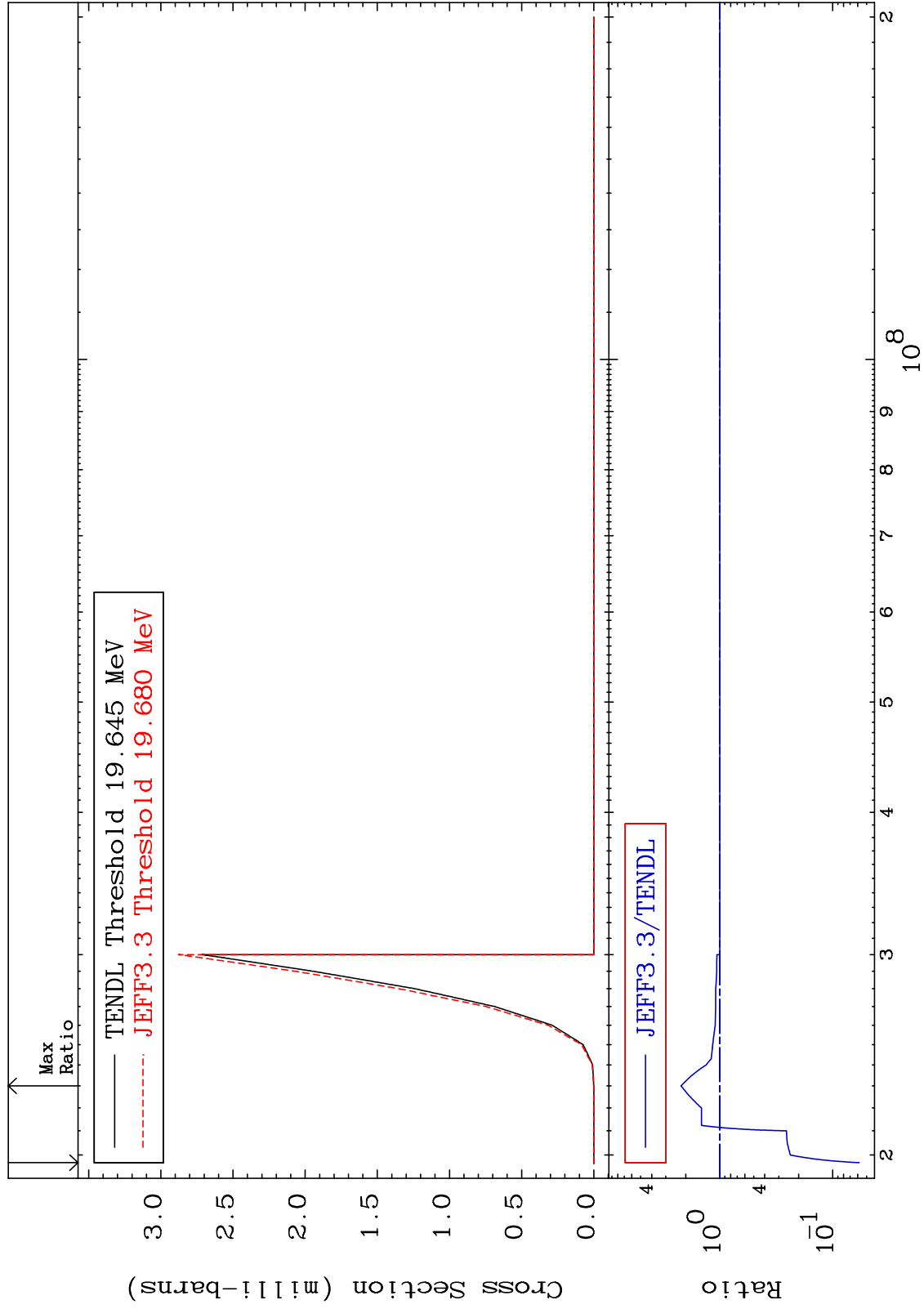
MAT 3643

(n, n') t

36-Kr-84

Cross Section

-94.19 To 119.9 %



12

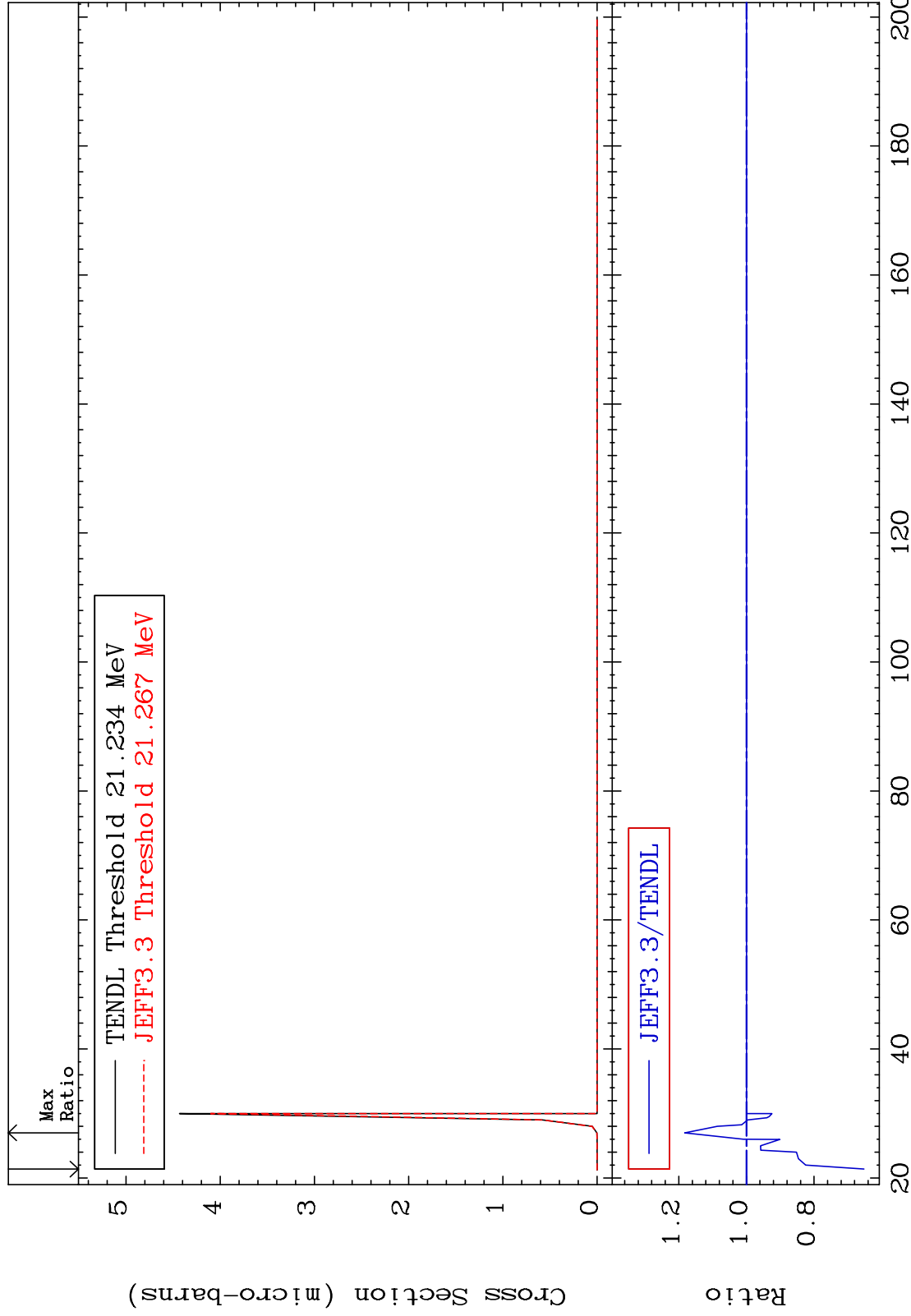
36-Kr-84

36-Kr-84

MAT 3643

(n, n') He-3
Cross Section

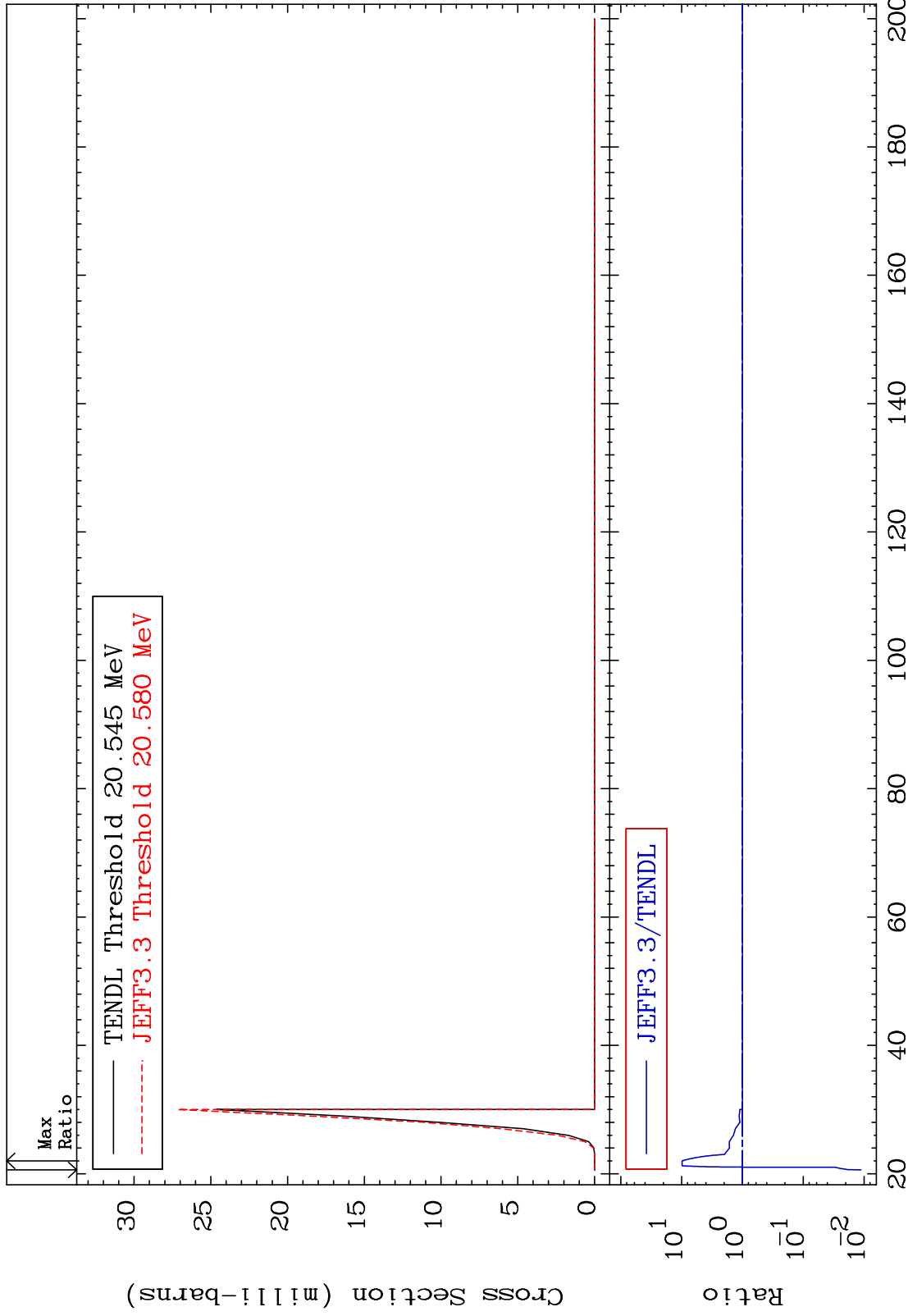
36-Kr-84
-34.77 To 18.22 %



MAT 3643

(n,2n) p
Cross Section

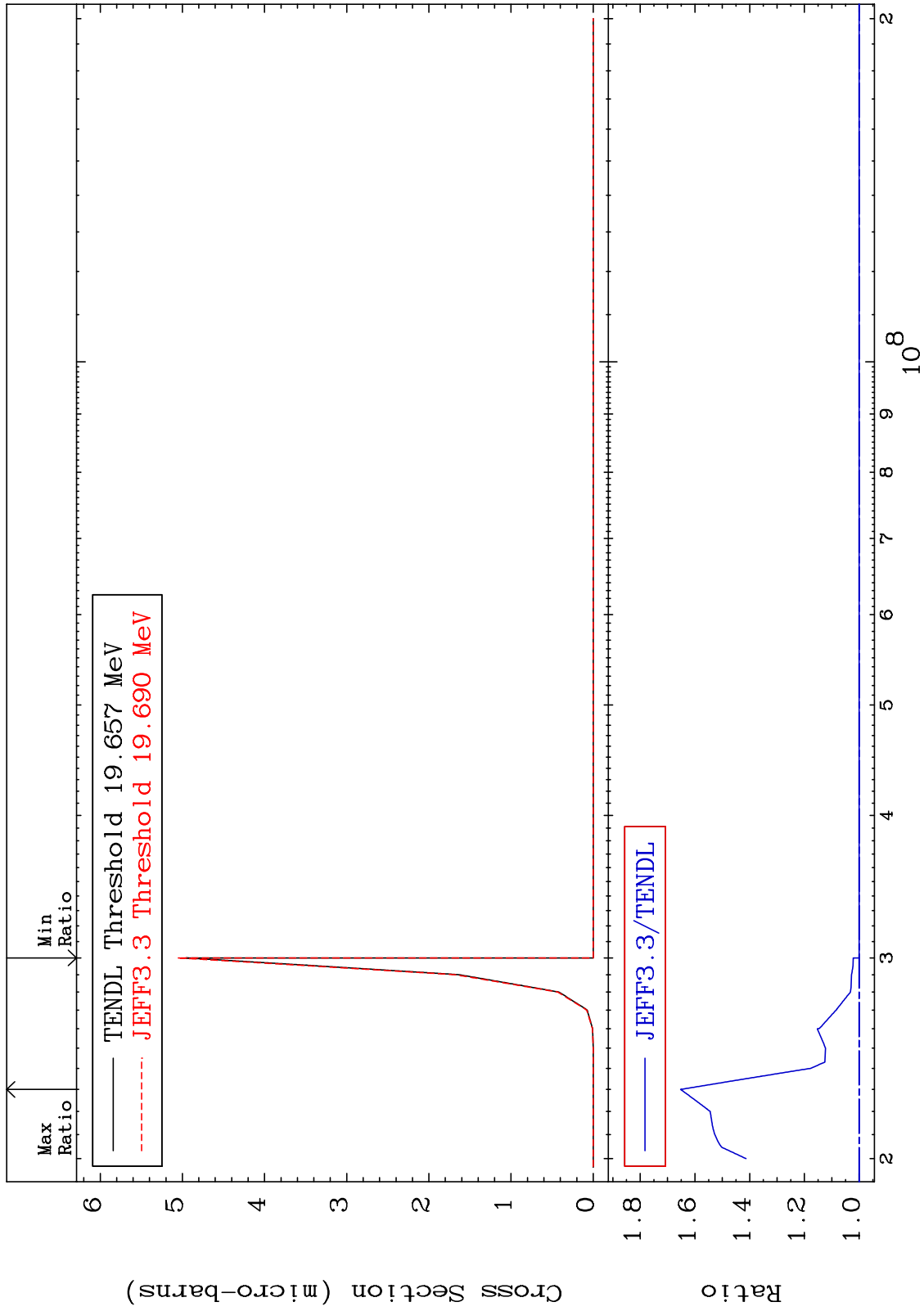
³⁶Kr-84
-98.88 To 882.5 %



MAT 3643

(n,2n) p
Cross Section

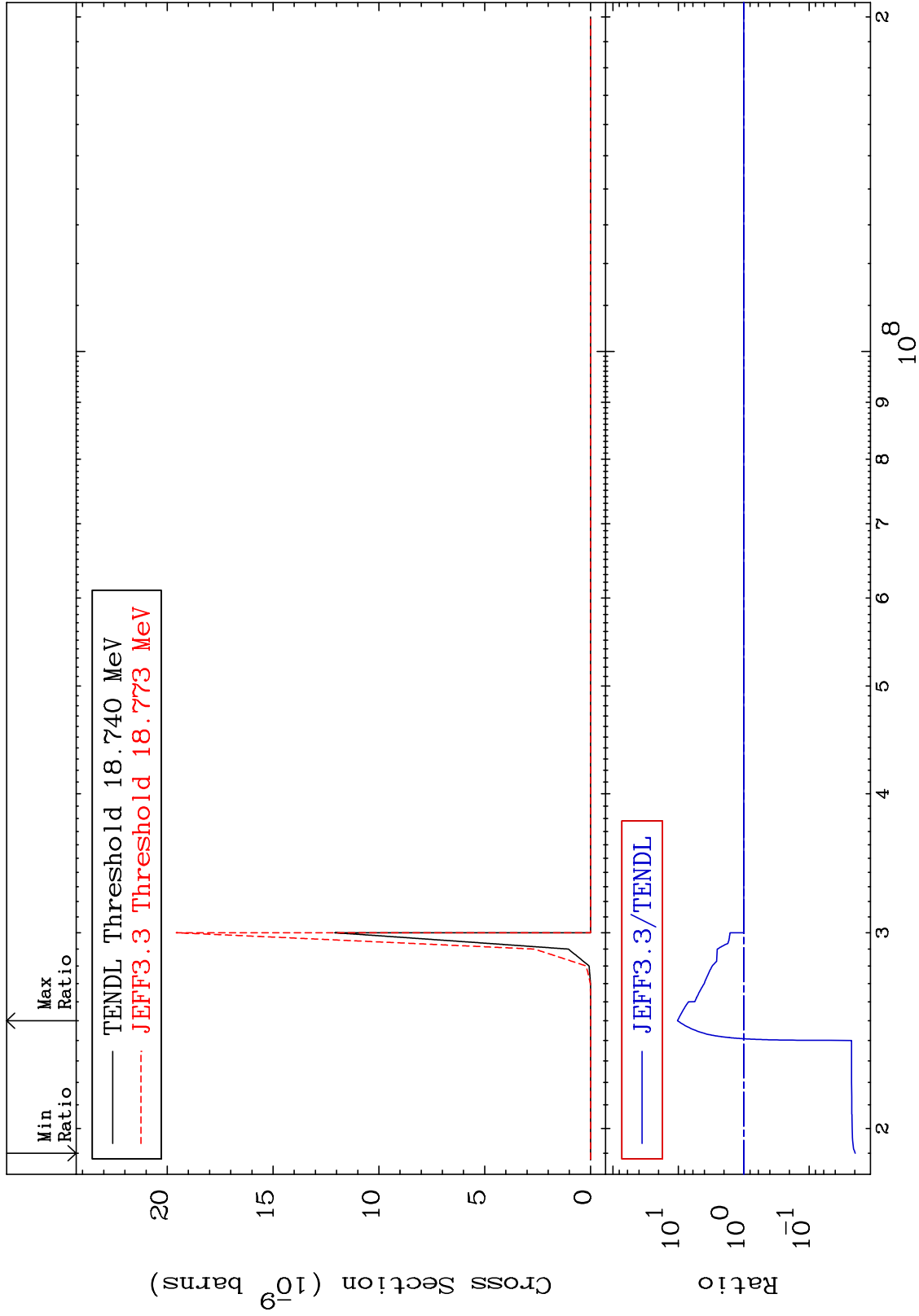
36-Kr-84
0.000 To 65.22 %



MAT 3643

(n,n') p α
Cross Section

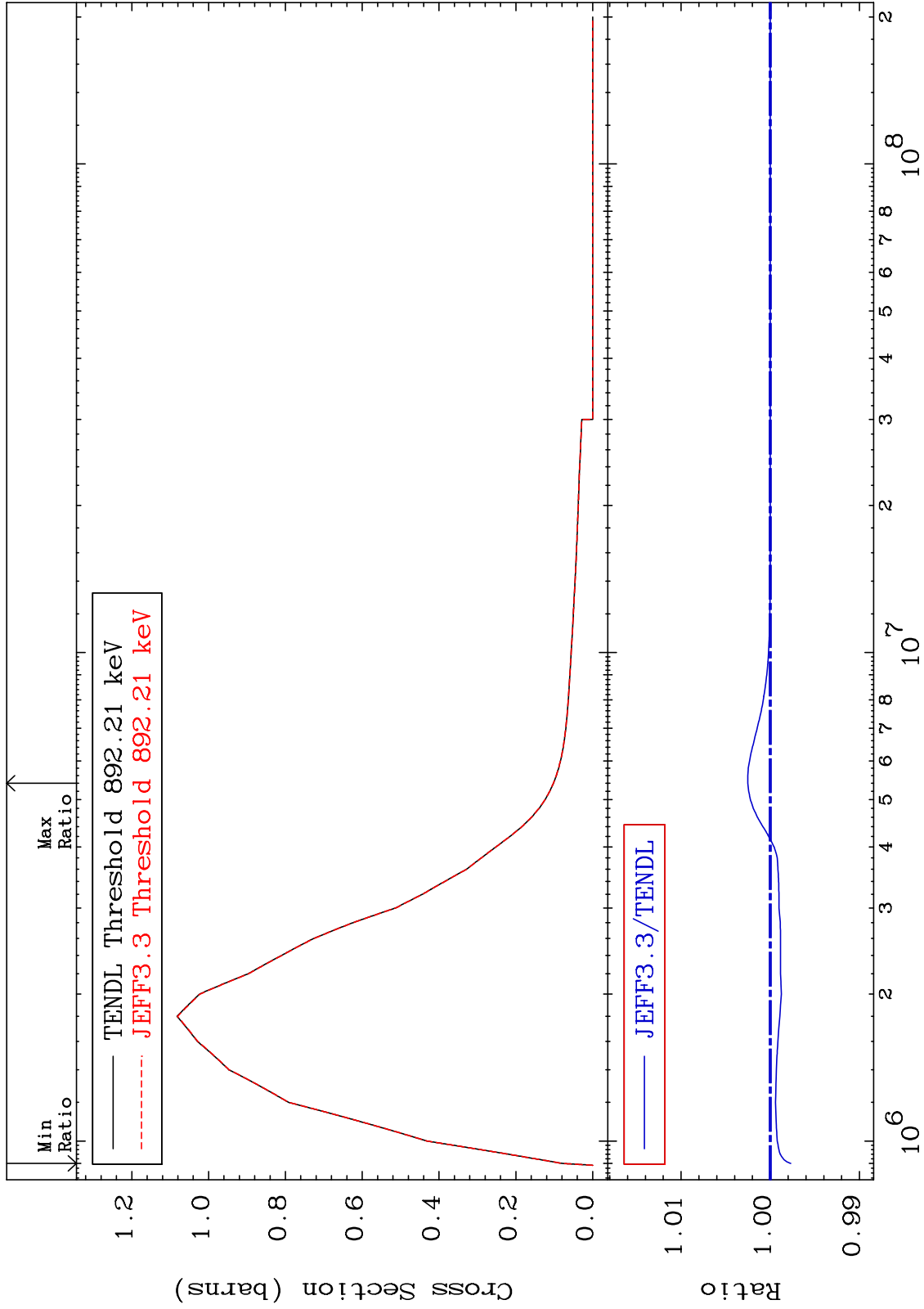
³⁶Kr-84
-98.03 To 928.4 %



MAT 3643

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

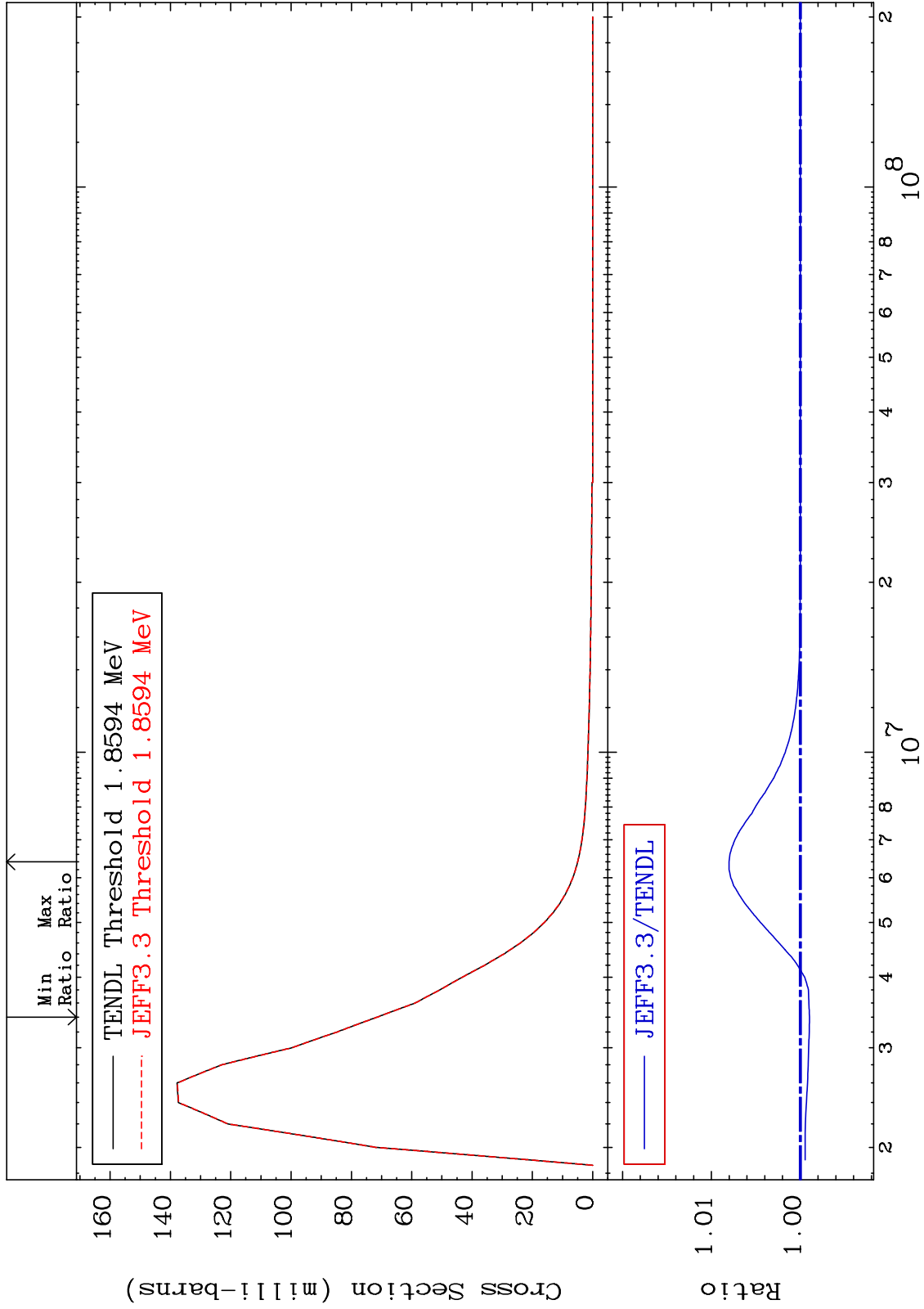
36-Kr-84
-0.229 To 0.253 %



MAT 3643

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

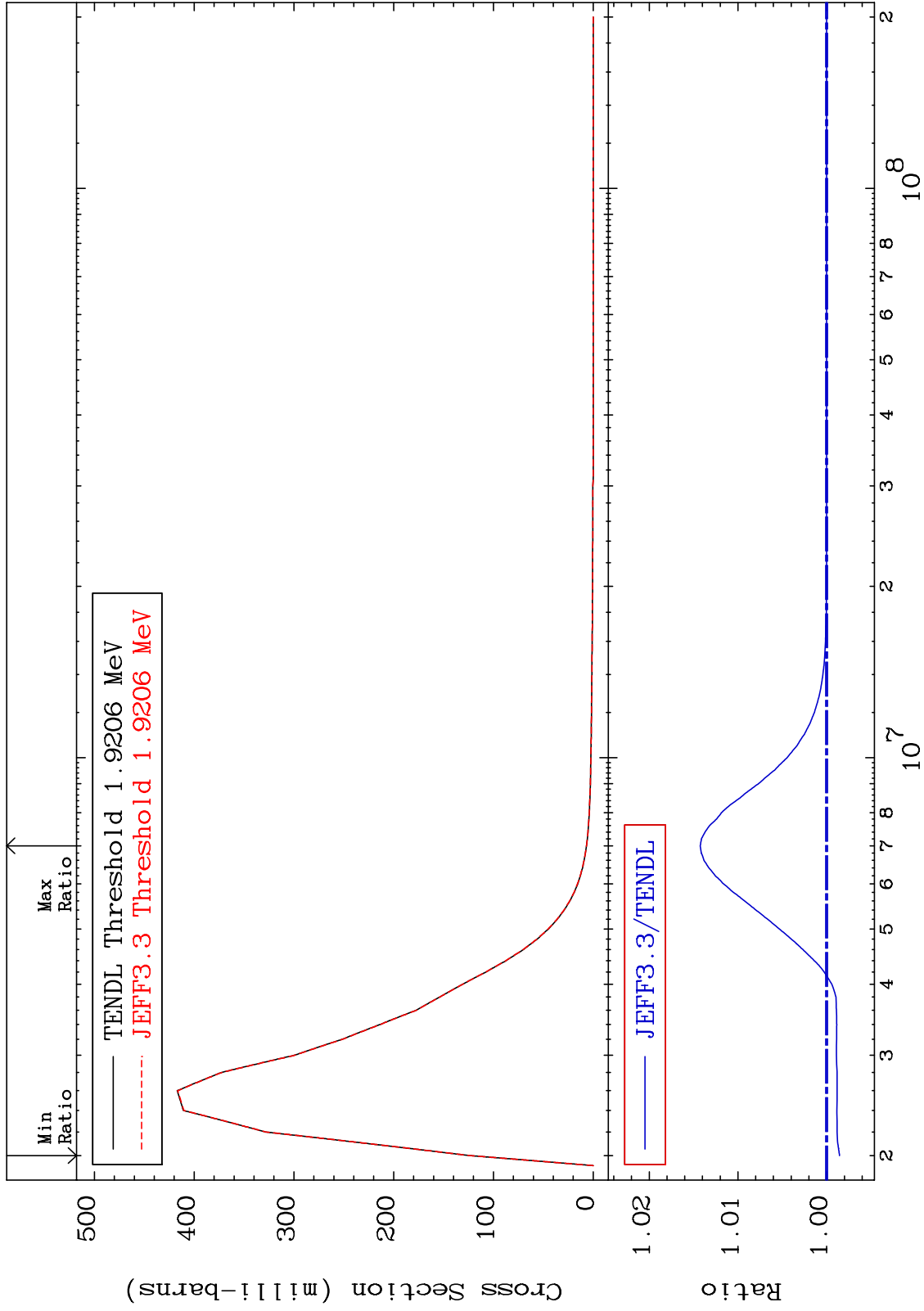
36-Kr-84
-0.103 To 0.802 %



MAT 3643

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

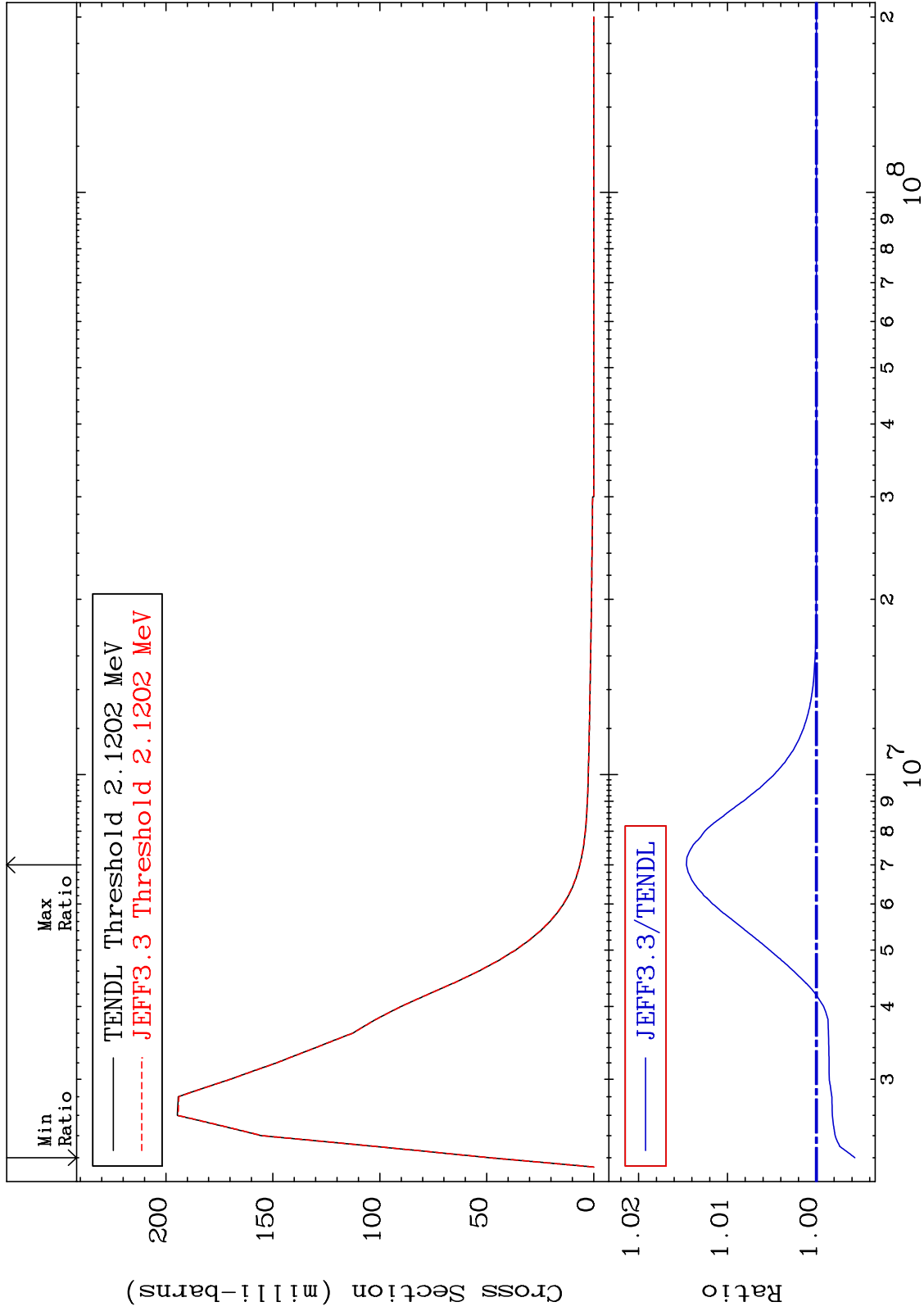
36-Kr-84
-0.146 To 1.425 %



MAT 3643

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

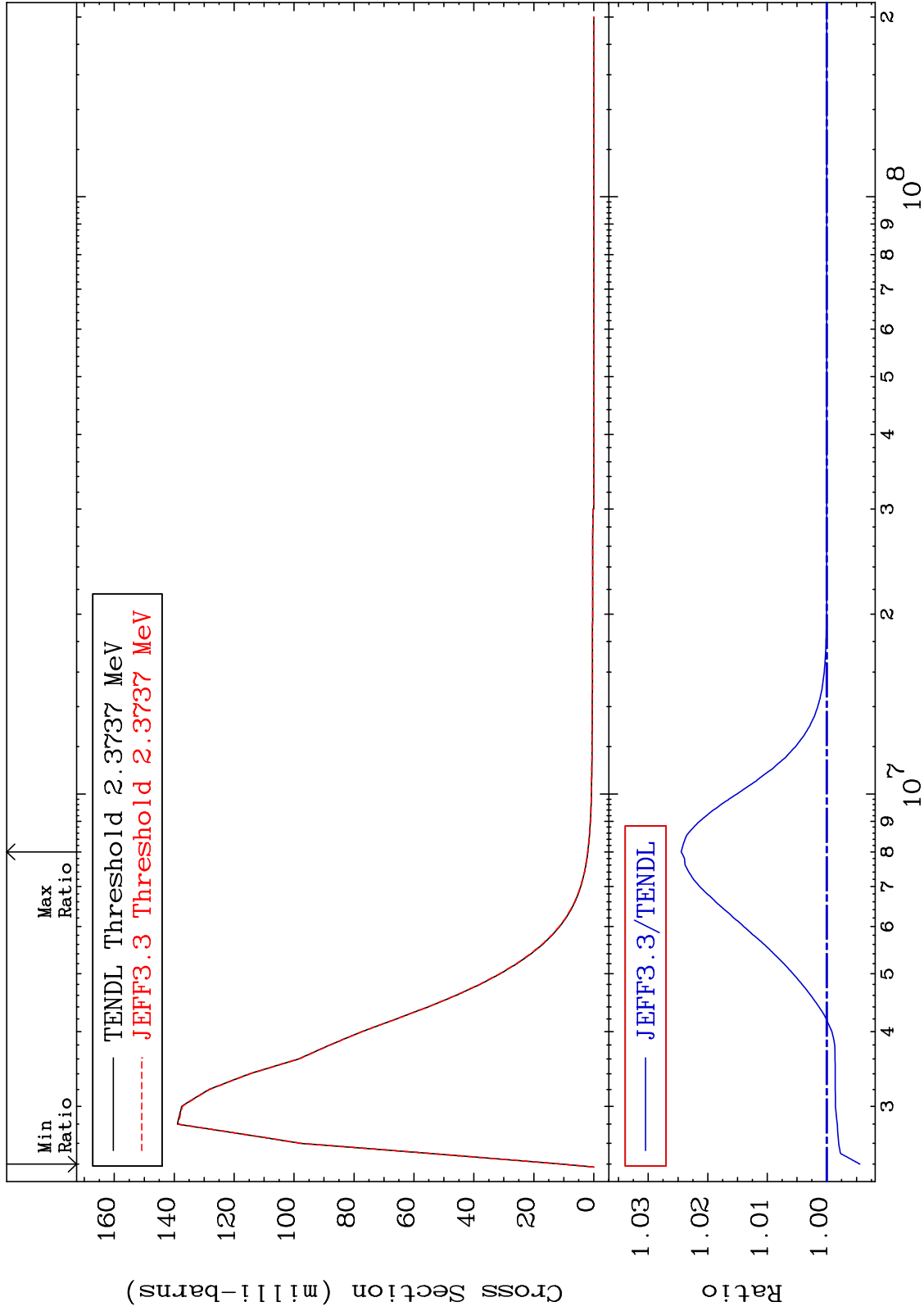
36-Kr-84
-0.432 To 1.463 %



MAT 3643

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

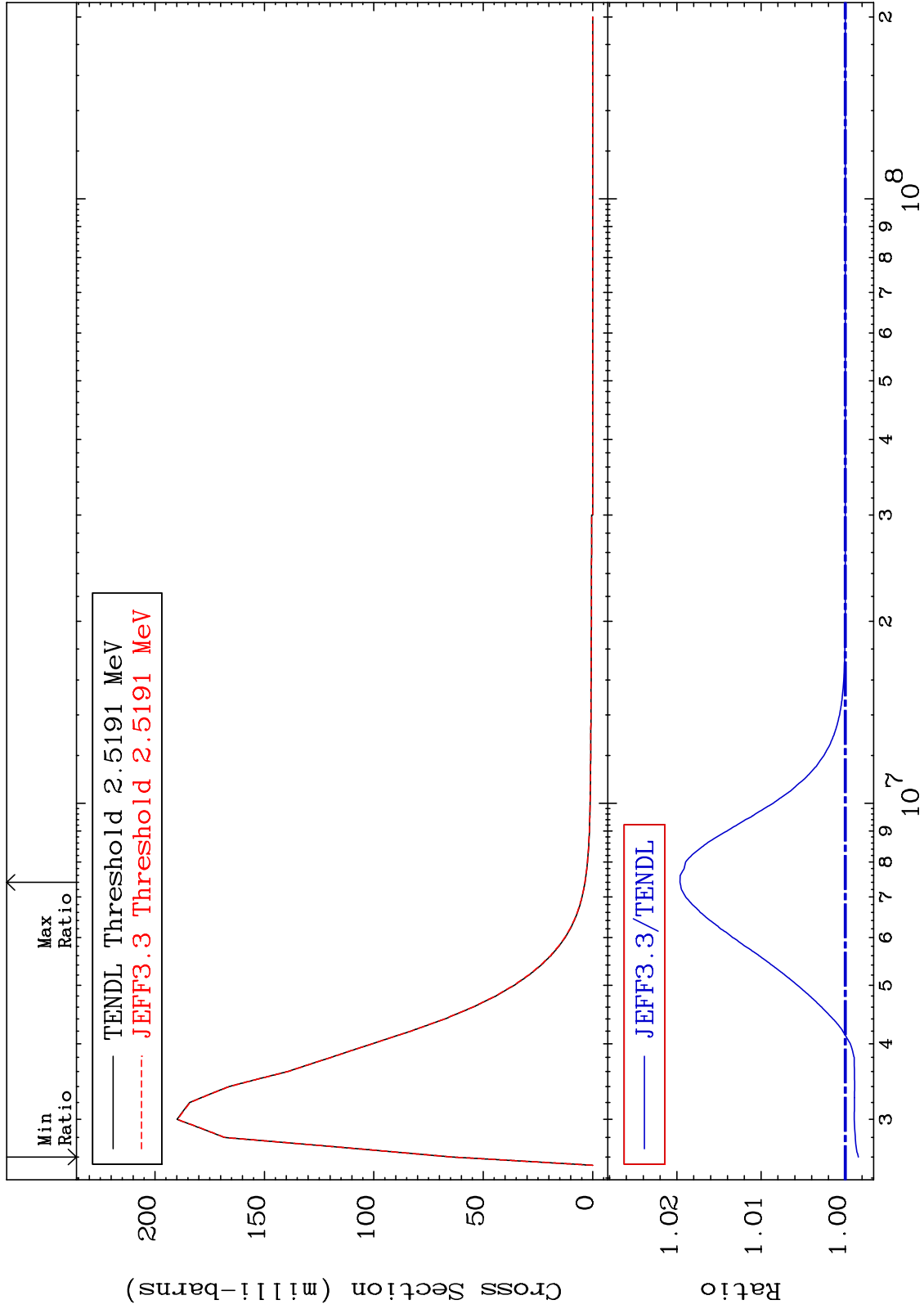
36-Kr-84
-0.557 To 2.446 %



MAT 3643

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

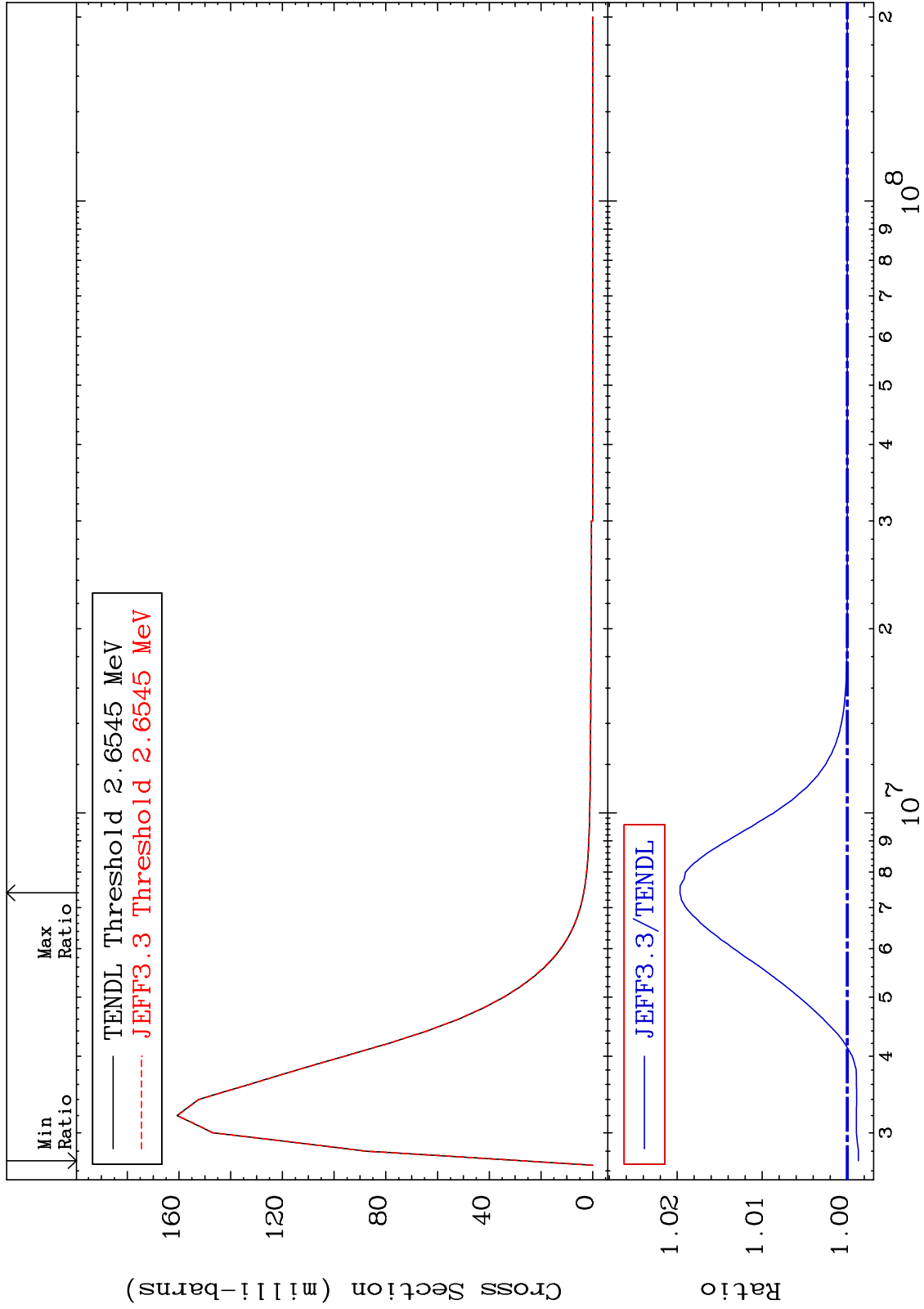
36-Kr-84
-0.156 To 1.963 %



MAT 3643

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

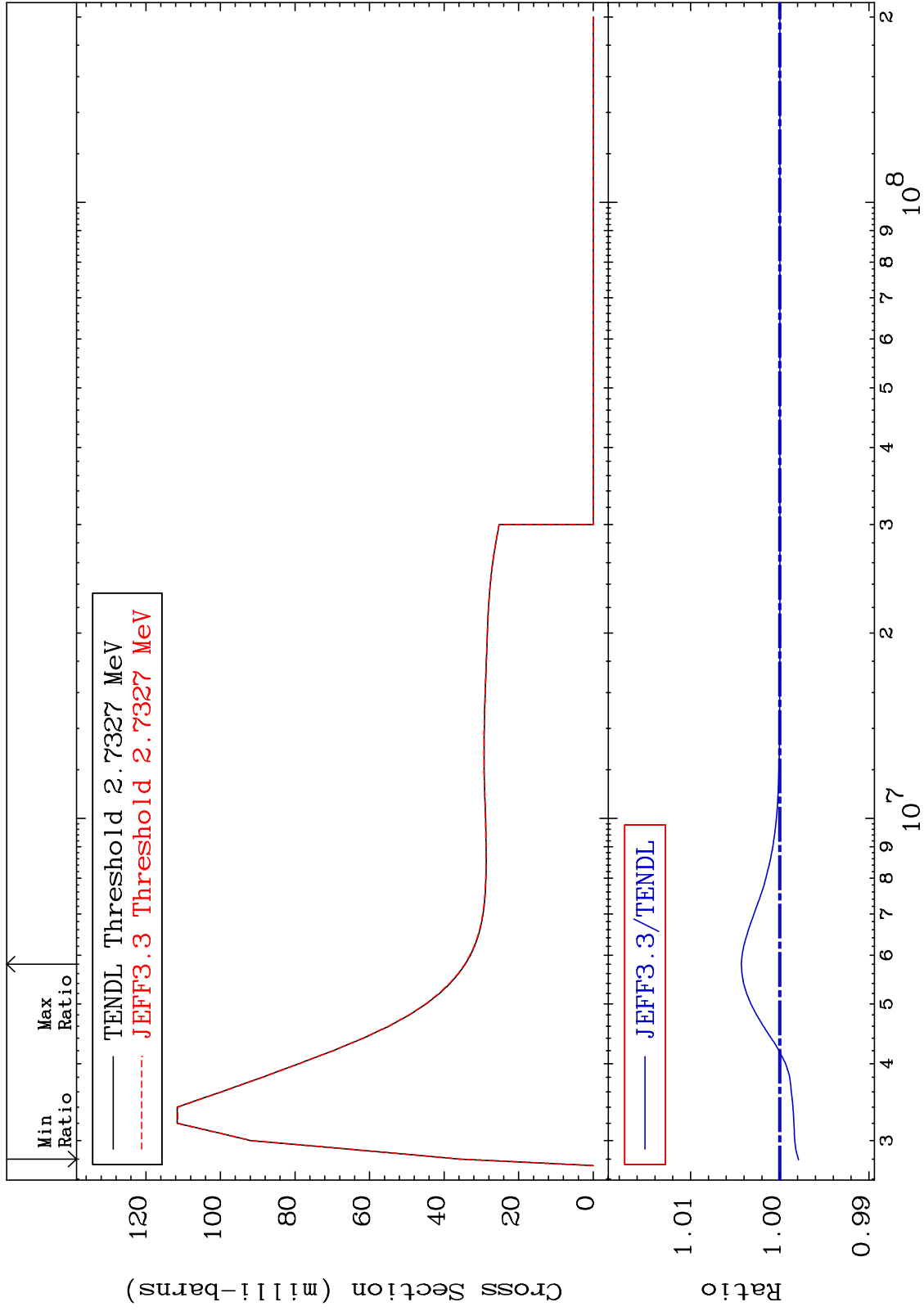
36-Kr-84
-0.131 To 1.967 %



MAT 3643

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

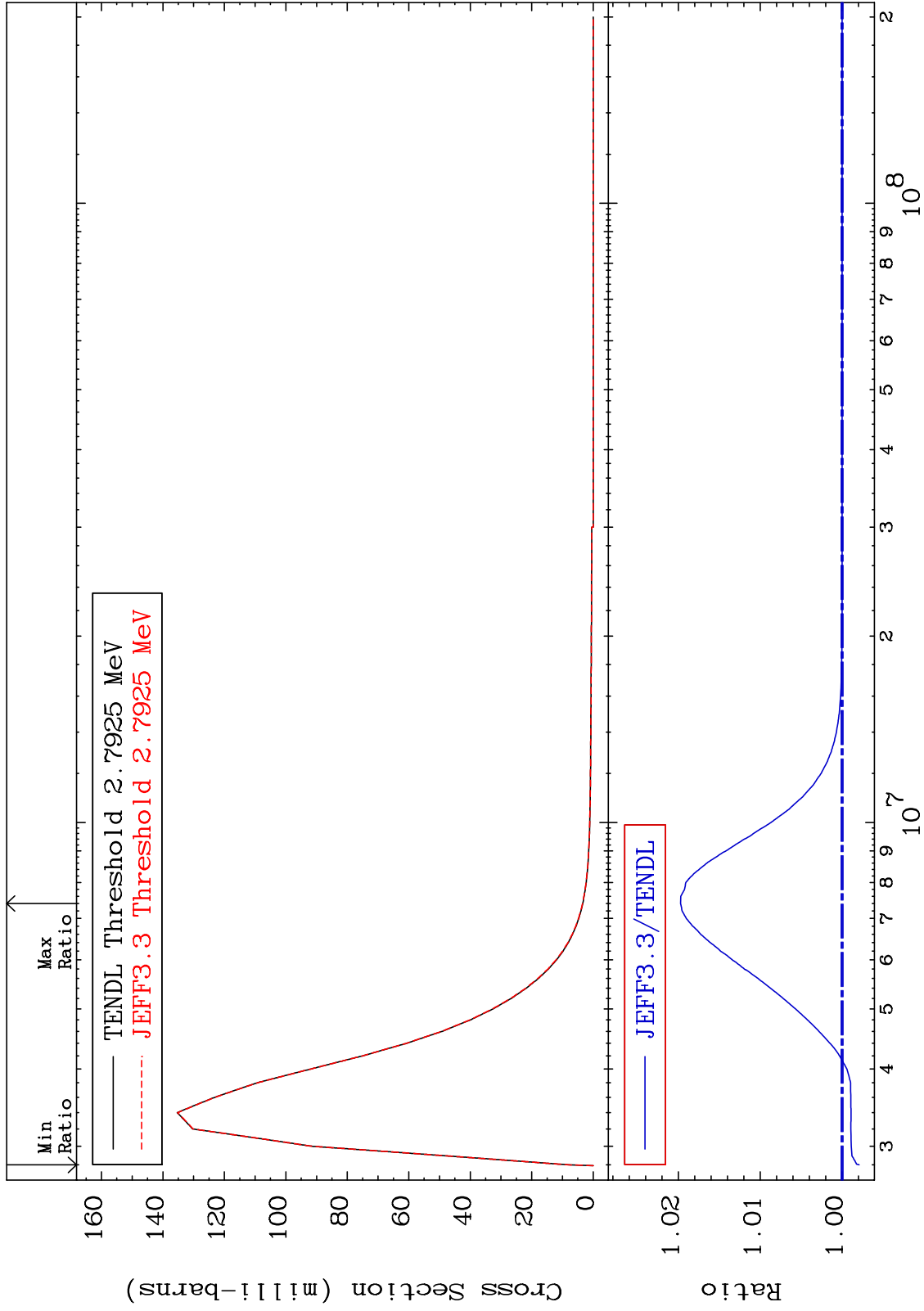
36-Kr-84
-0.210 To 0.431 %



MAT 3643

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

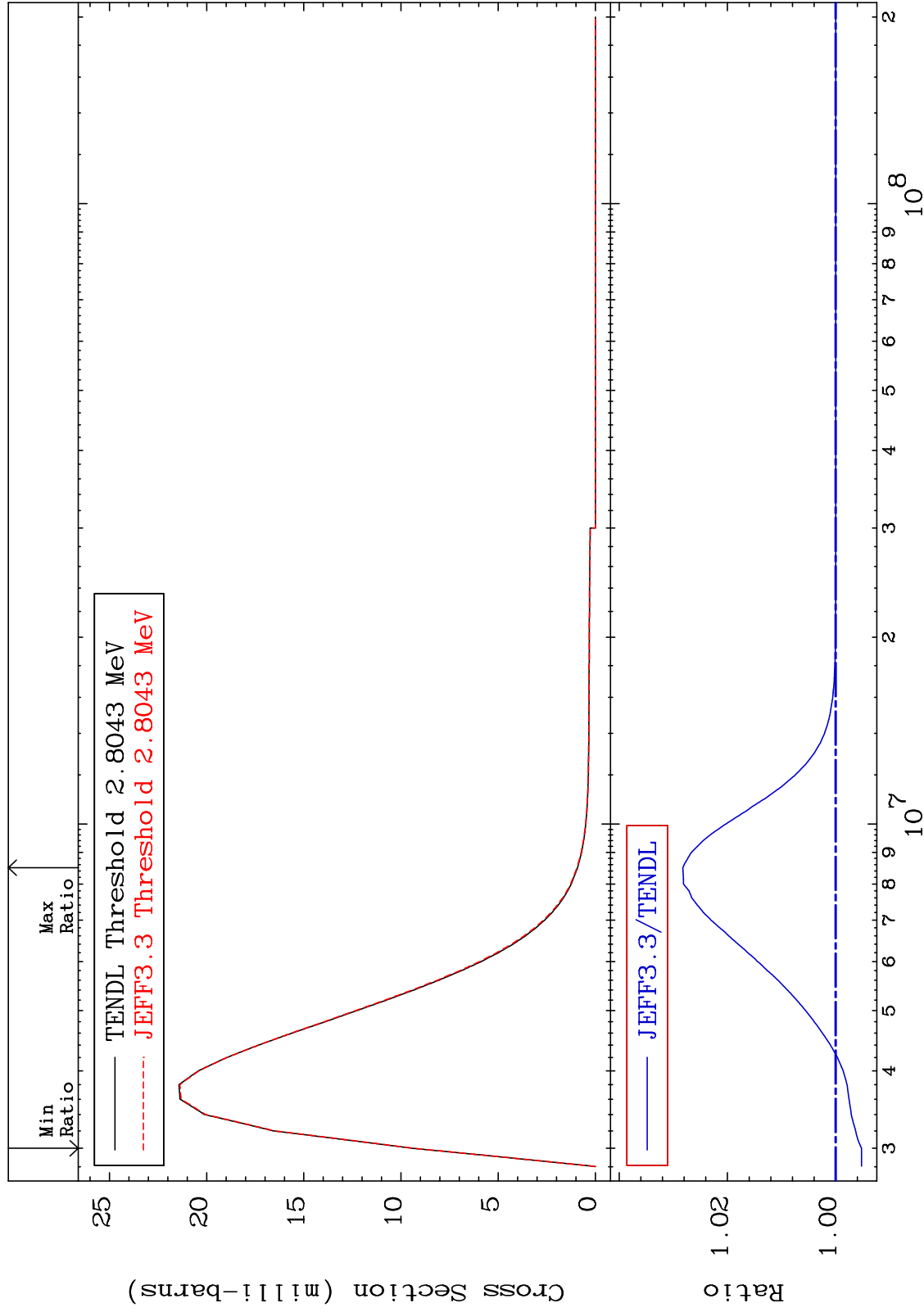
36-Kr-84
-0.209 To 1.972 %



MAT 3643

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

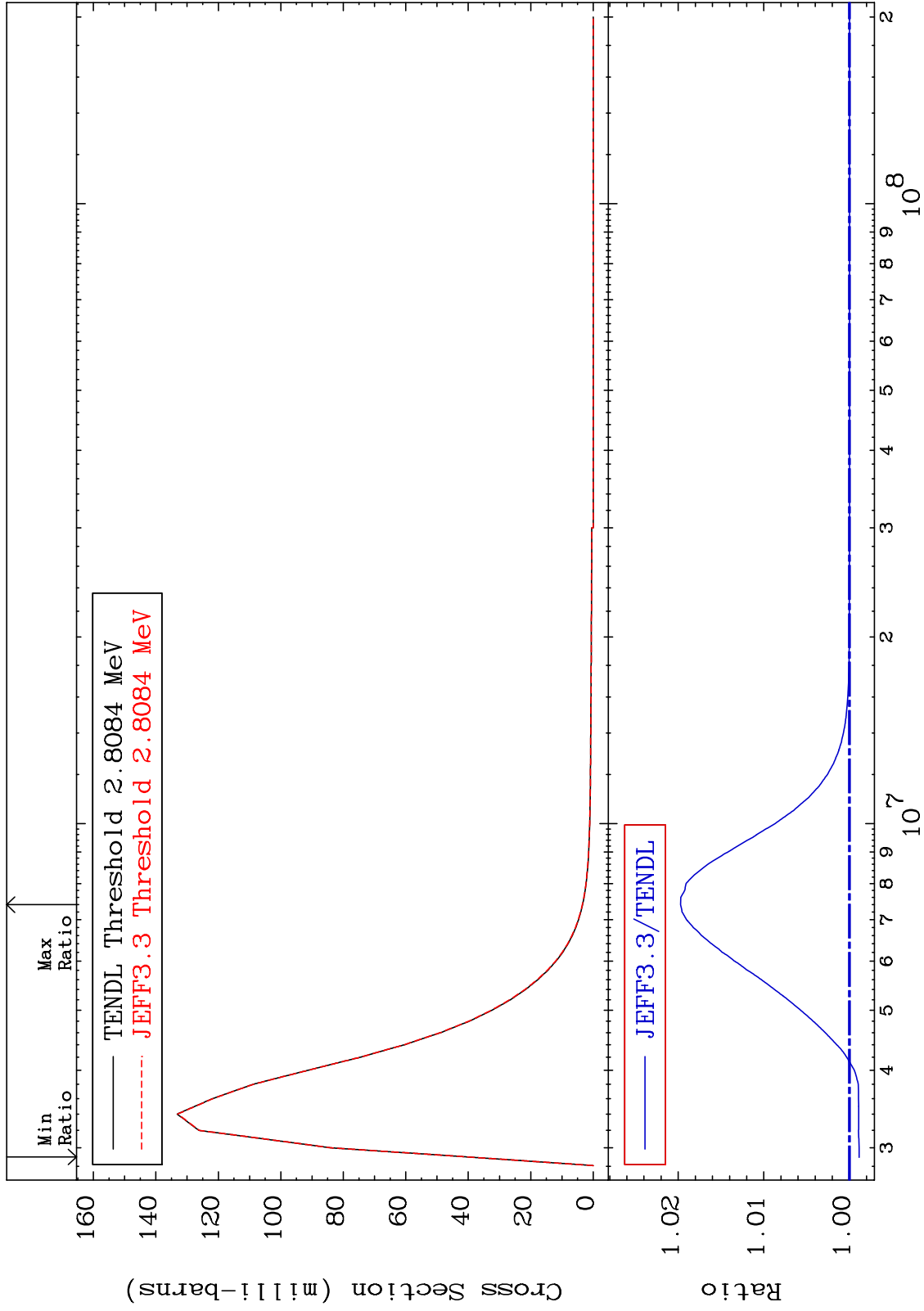
36-Kr-84
-0.478 To 2.824 %



MAT 3643

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

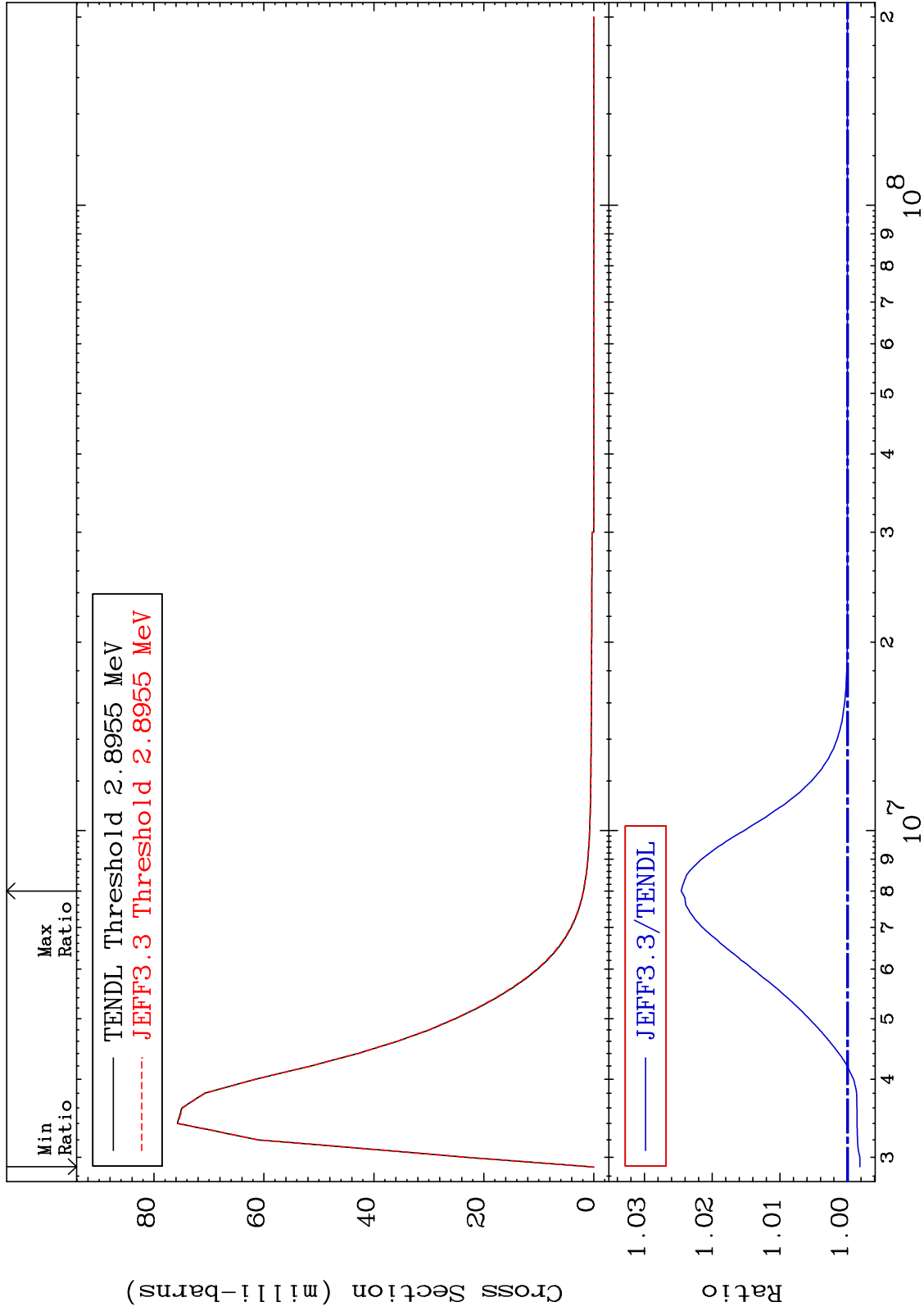
36-Kr-84
-0.114 To 1.972 %



MAT 3643

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

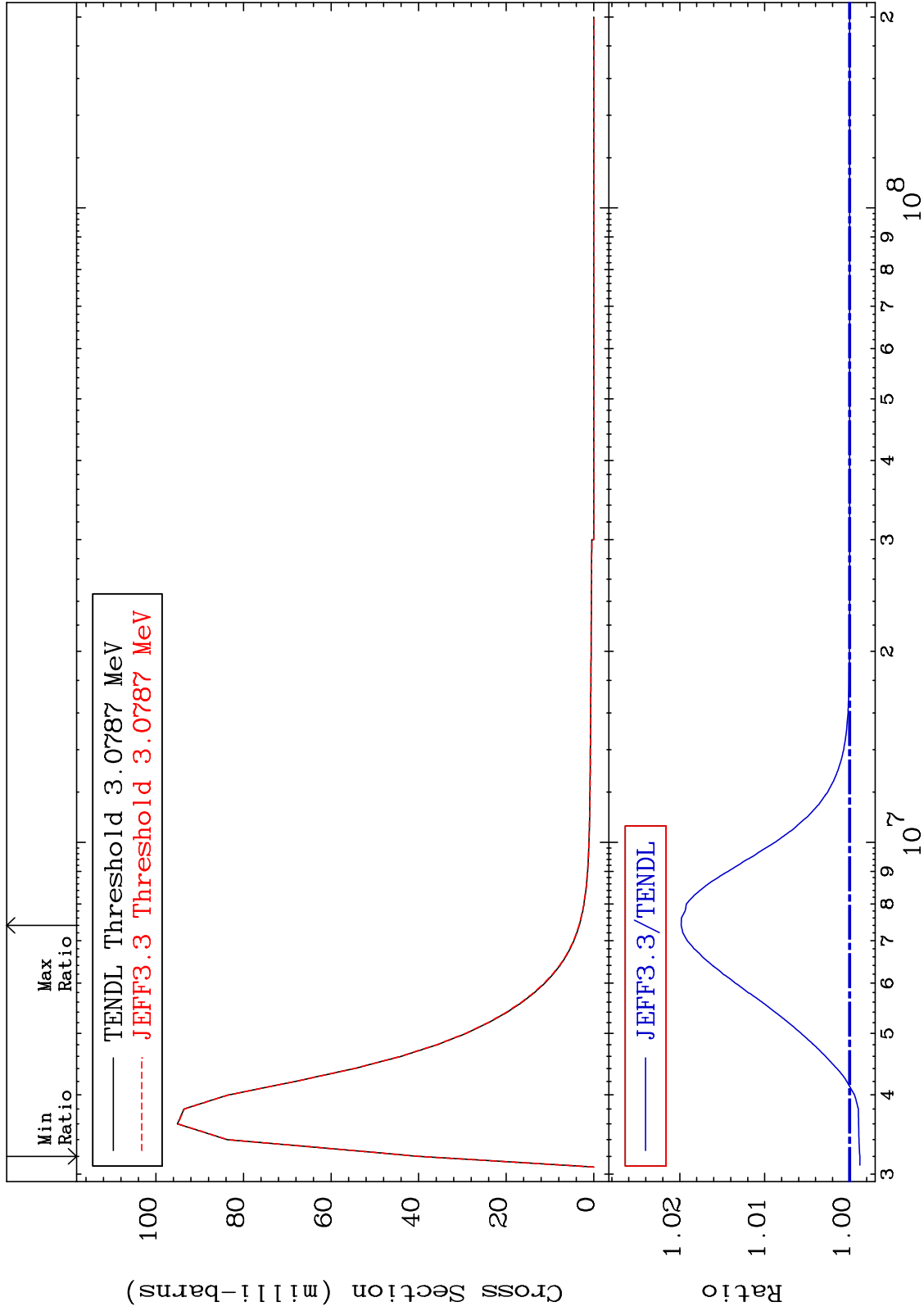
36-Kr-84
-0.183 To 2.456 %



MAT 3643

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

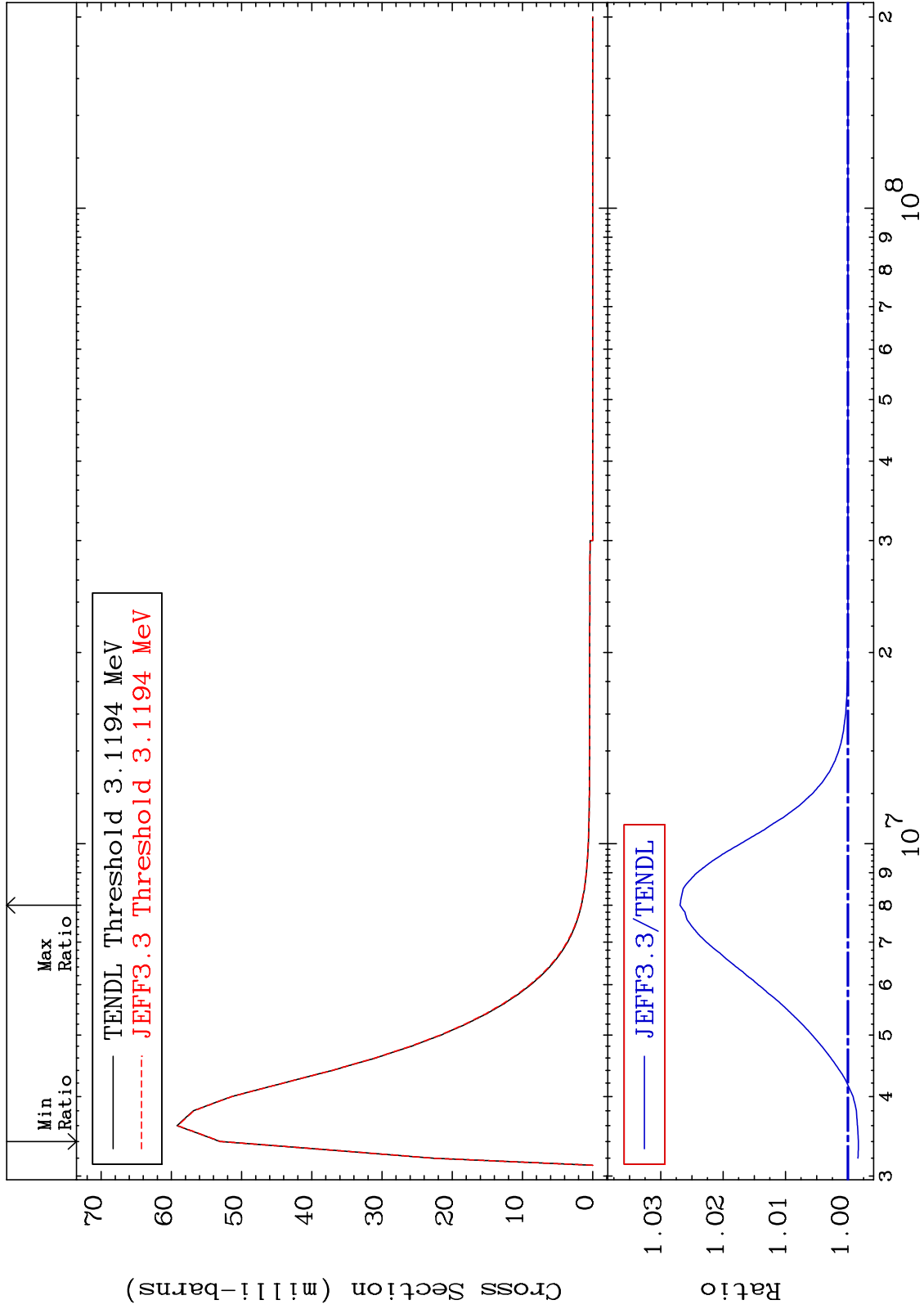
36-Kr-84
-0.122 To 1.983 %



MAT 3643

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

36-Kr-84
-0.168 To 2.691 %



30

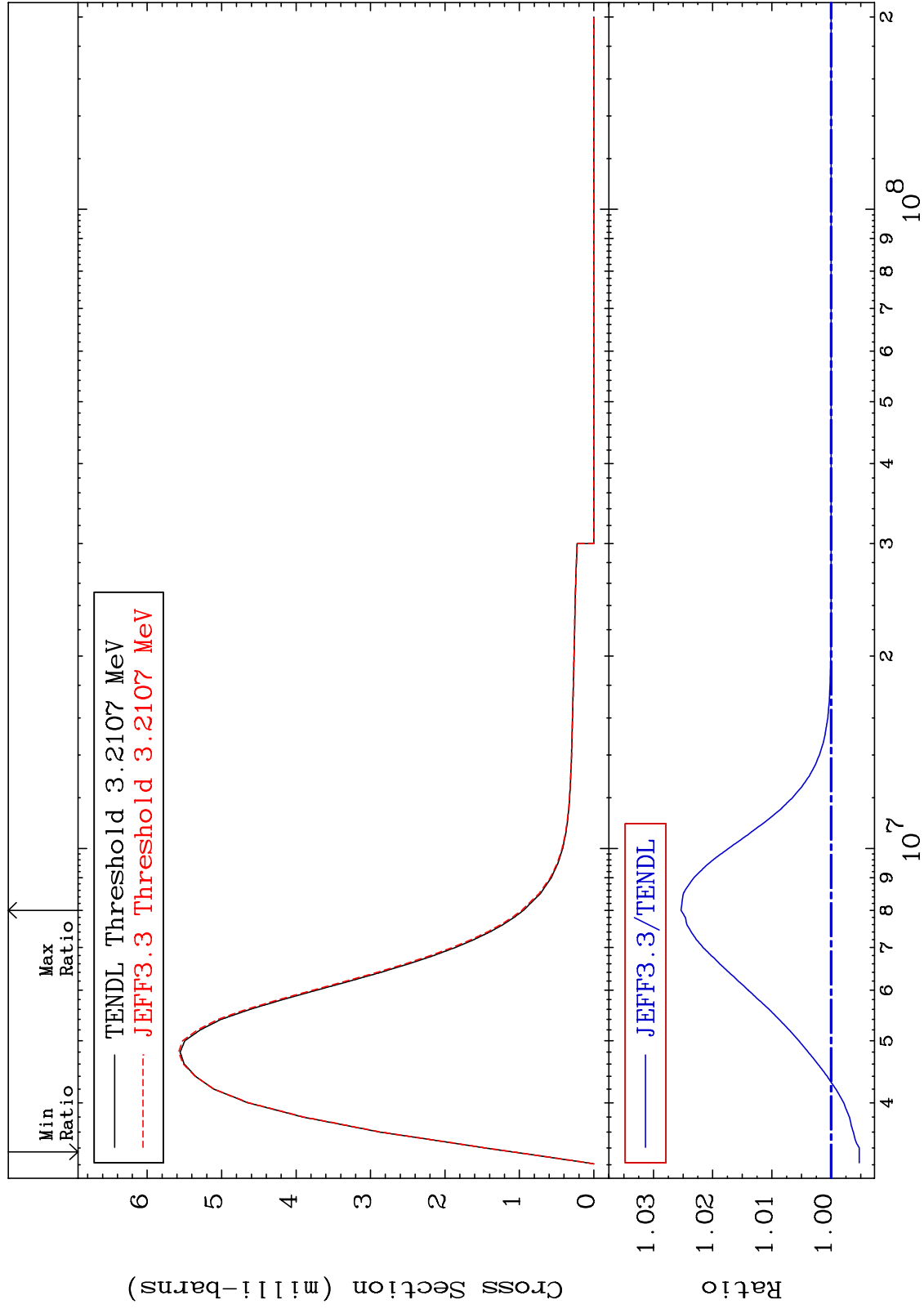
Incident Energy (eV)

36-Kr-84

MAT 3643

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

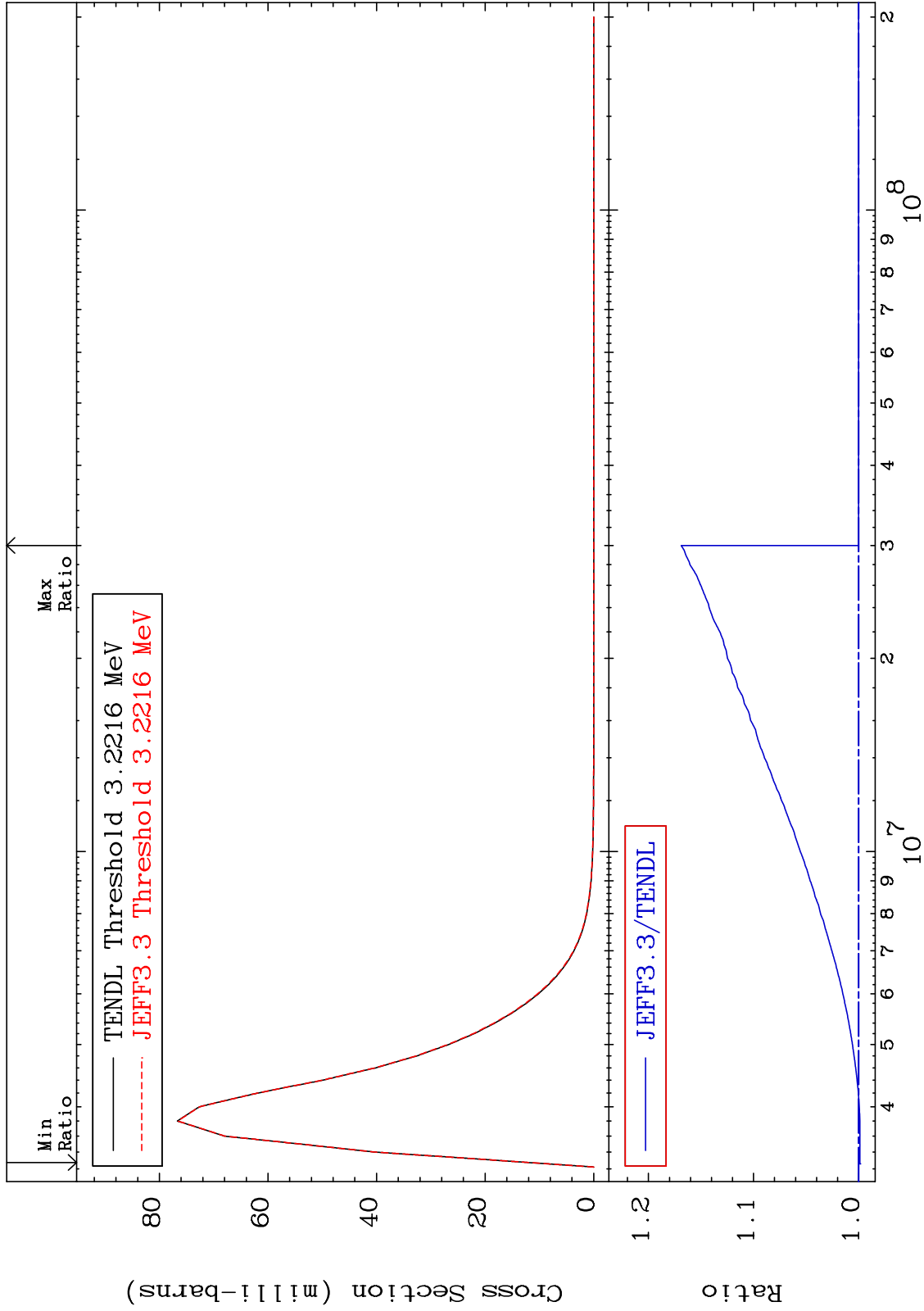
36-Kr-84
-0.476 To 2.534 %



MAT 3643

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

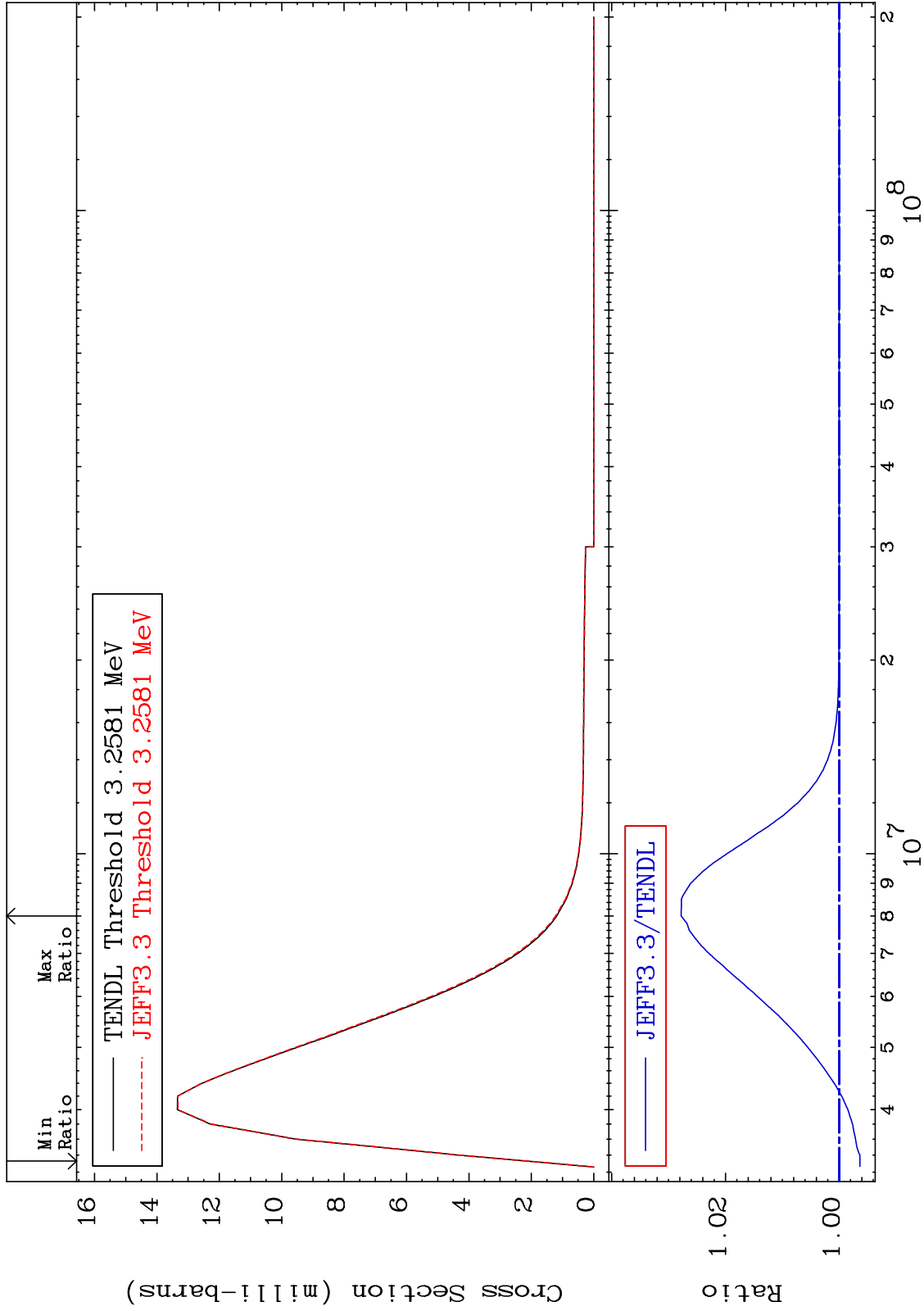
36-Kr-84
-0.127 To 16.88 %



MAT 3643

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

36-Kr-84
-0.365 To 2.777 %



33

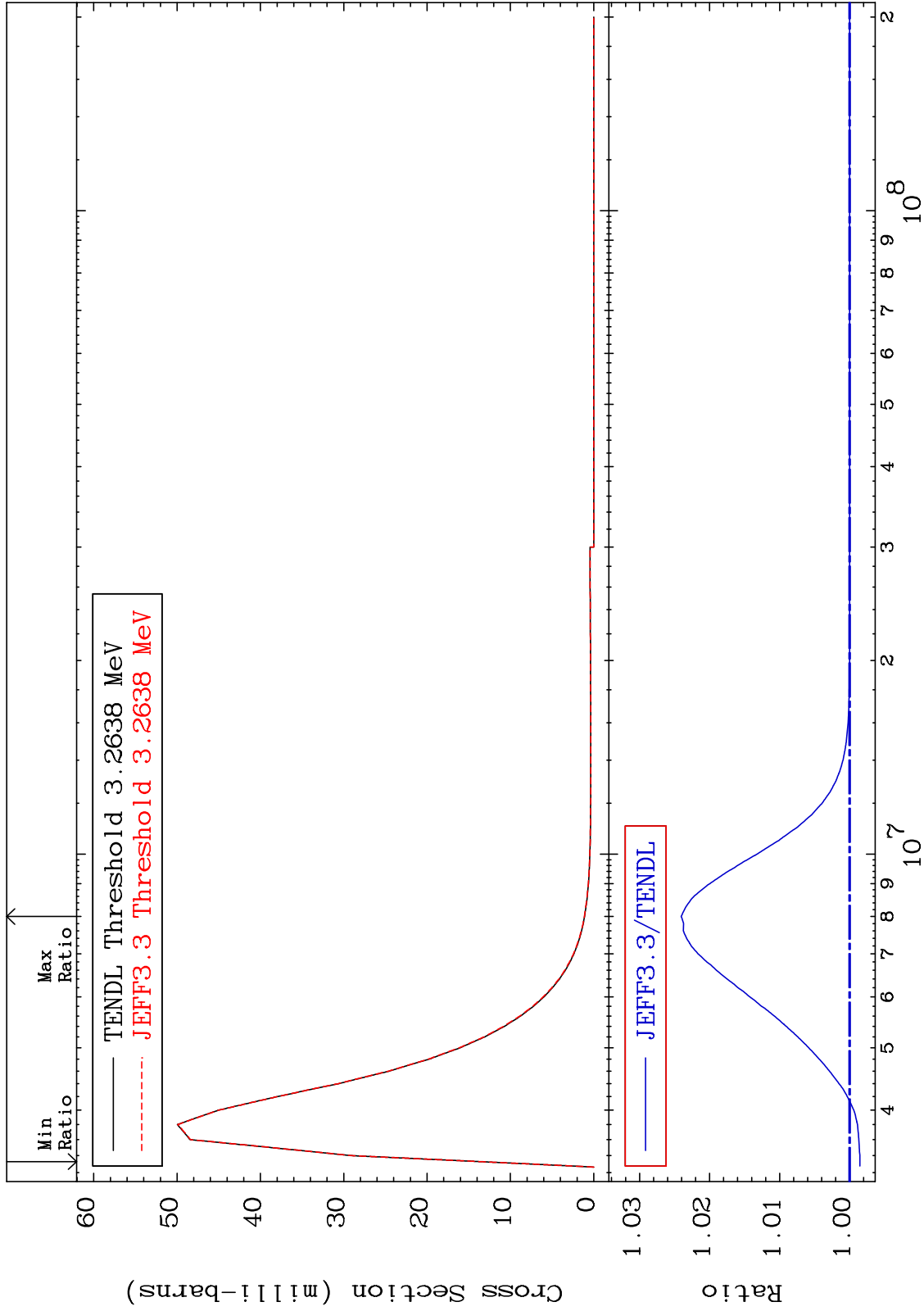
Incident Energy (eV)

36-Kr-84

MAT 3643

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

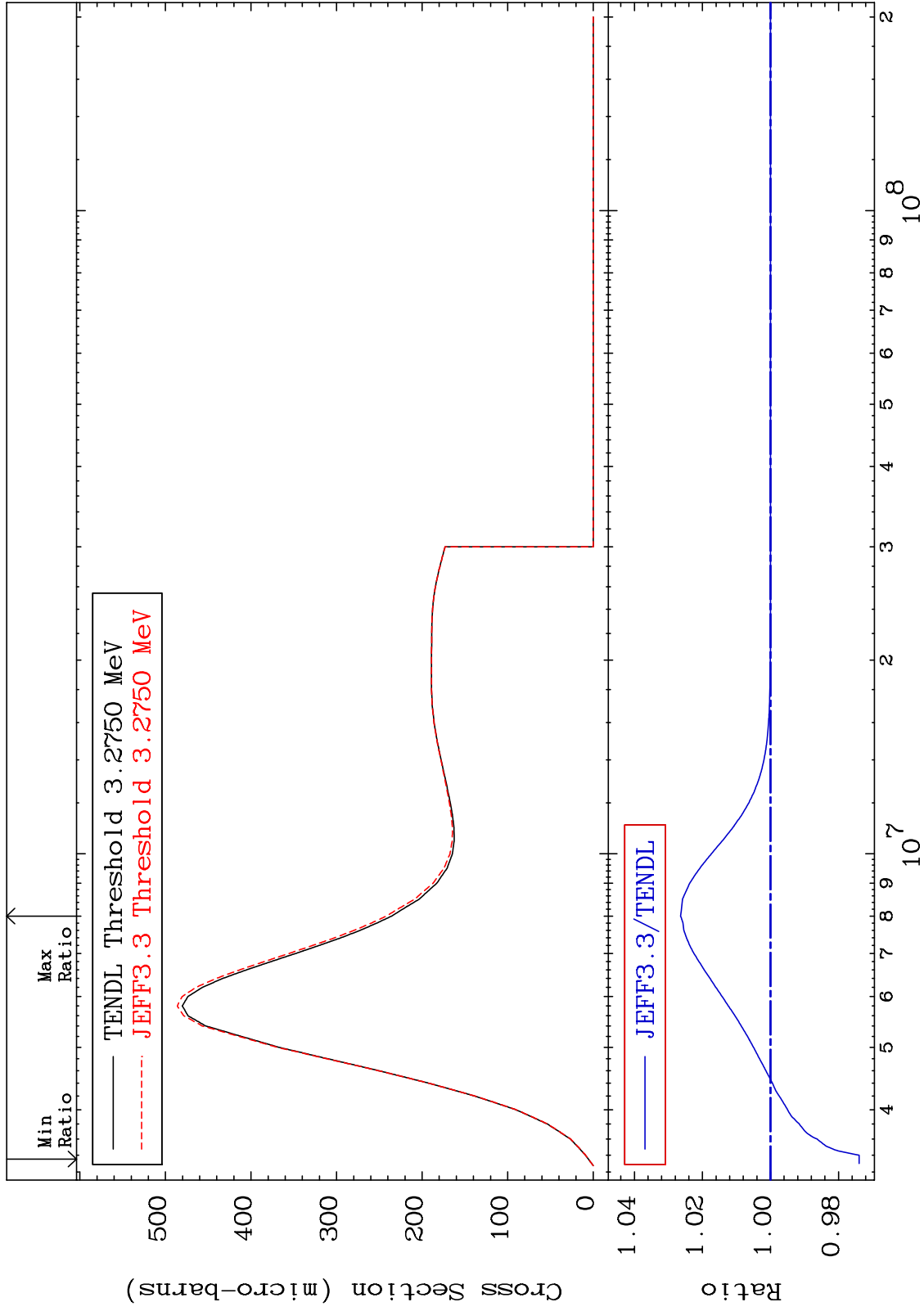
36-Kr-84
-0.146 To 2.405 %



MAT 3643

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

36-Kr-84
-2.607 To 2.642 %



35

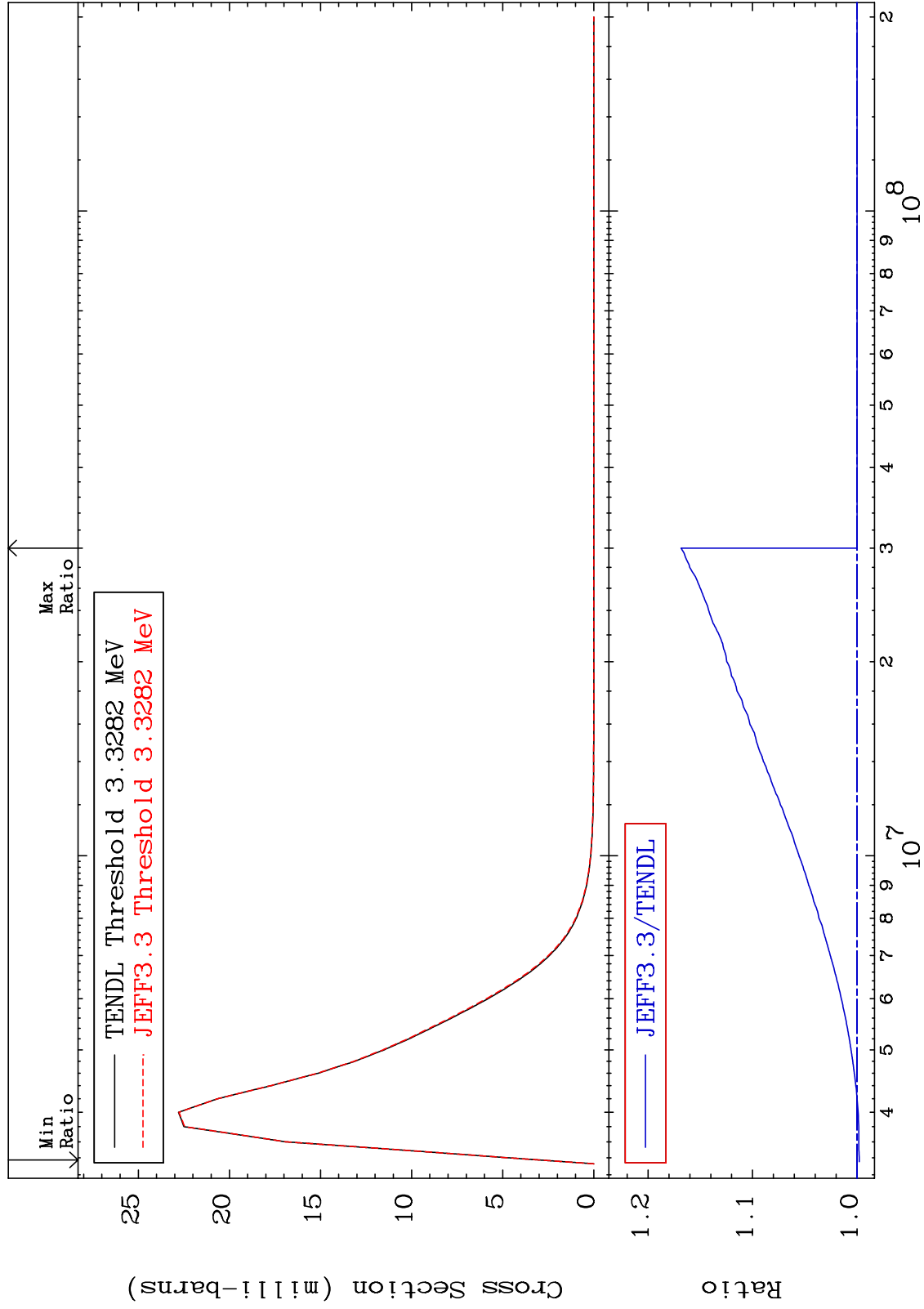
Incident Energy (eV)

36-Kr-84

MAT 3643

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

36-Kr-84
-0.223 To 16.85 %



36

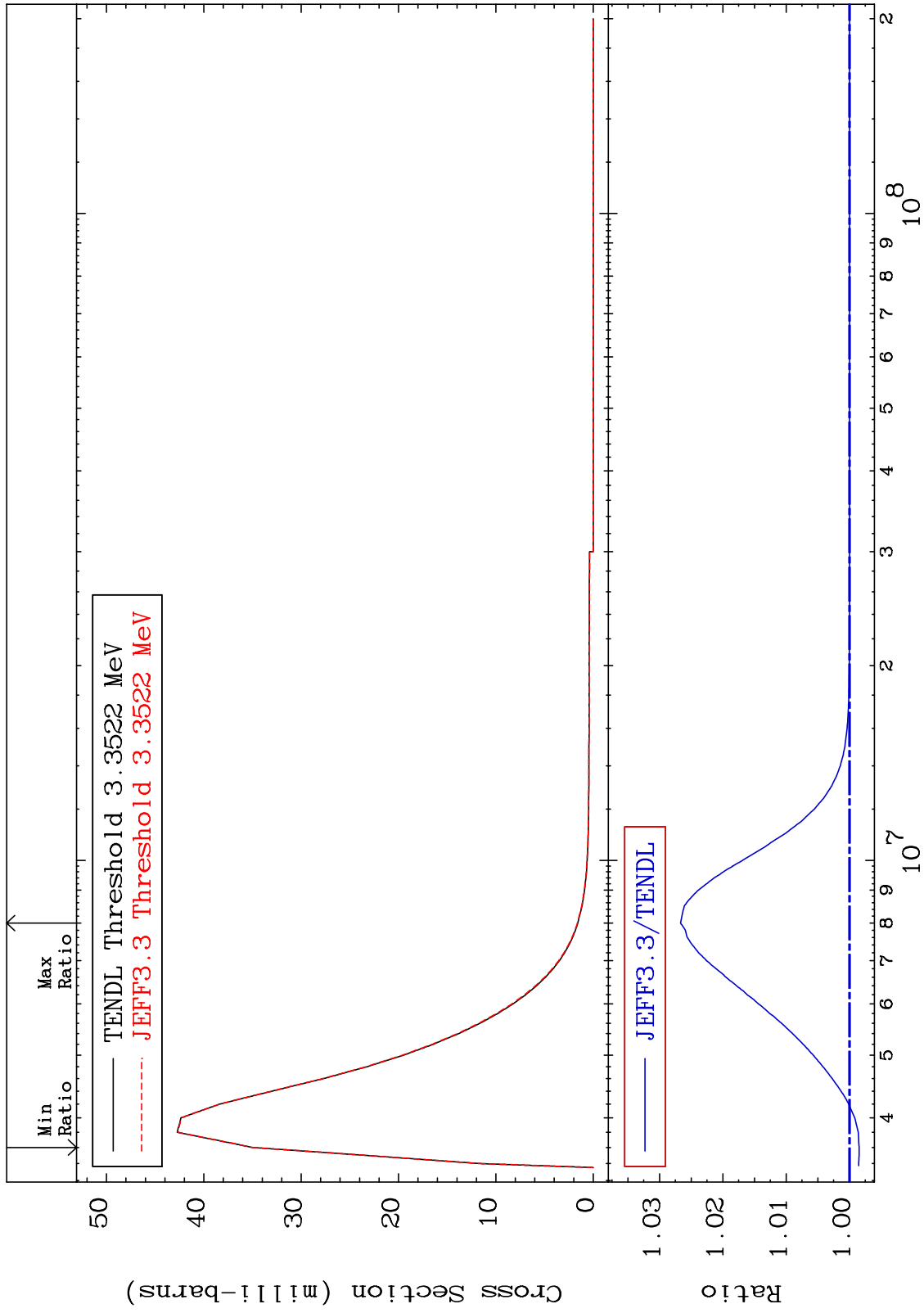
Incident Energy (eV)

36-Kr-84

MAT 3643

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

36-Kr-84
-0.153 To 2.667 %



37

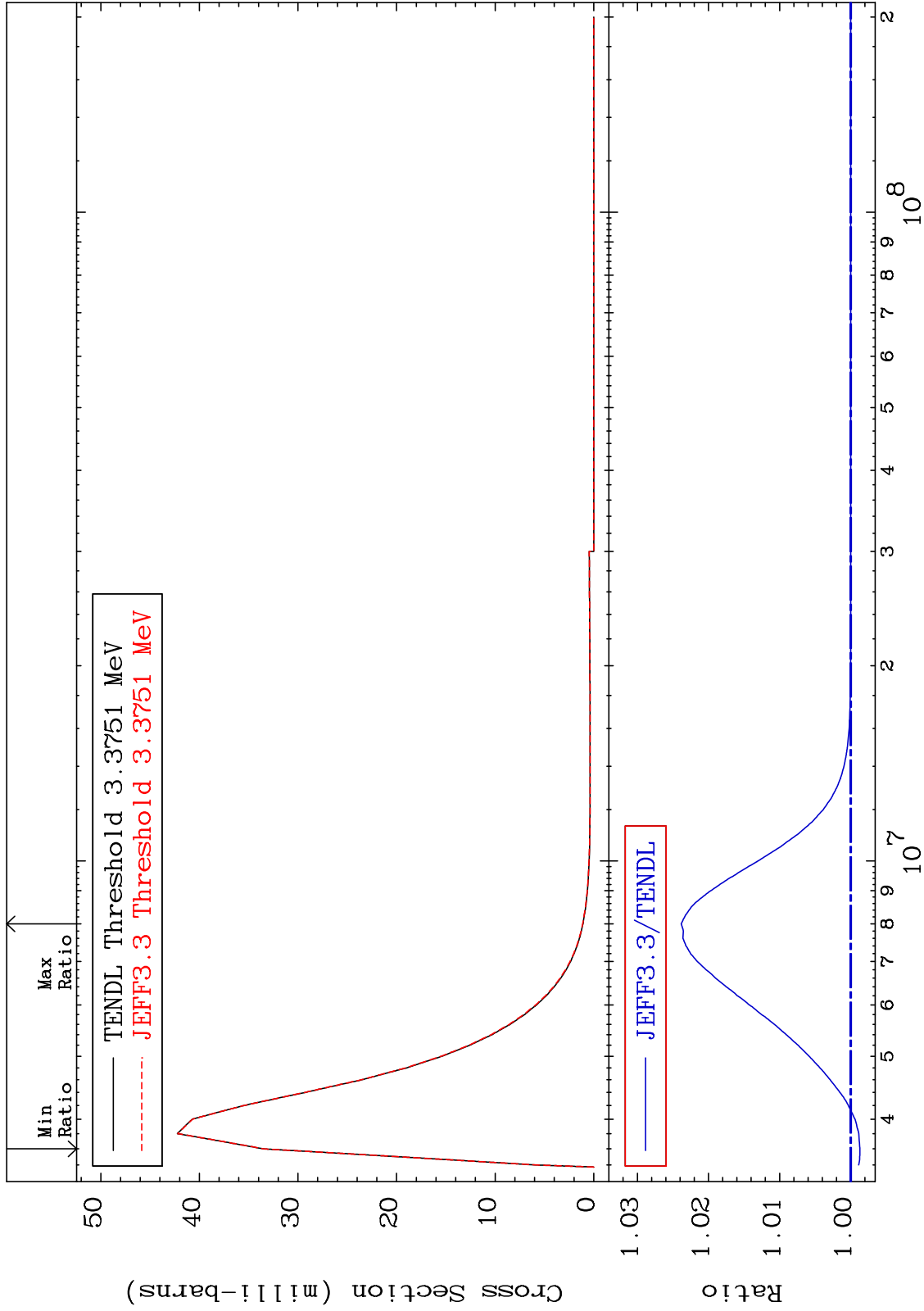
Incident Energy (eV)

36-Kr-84

MAT 3643

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

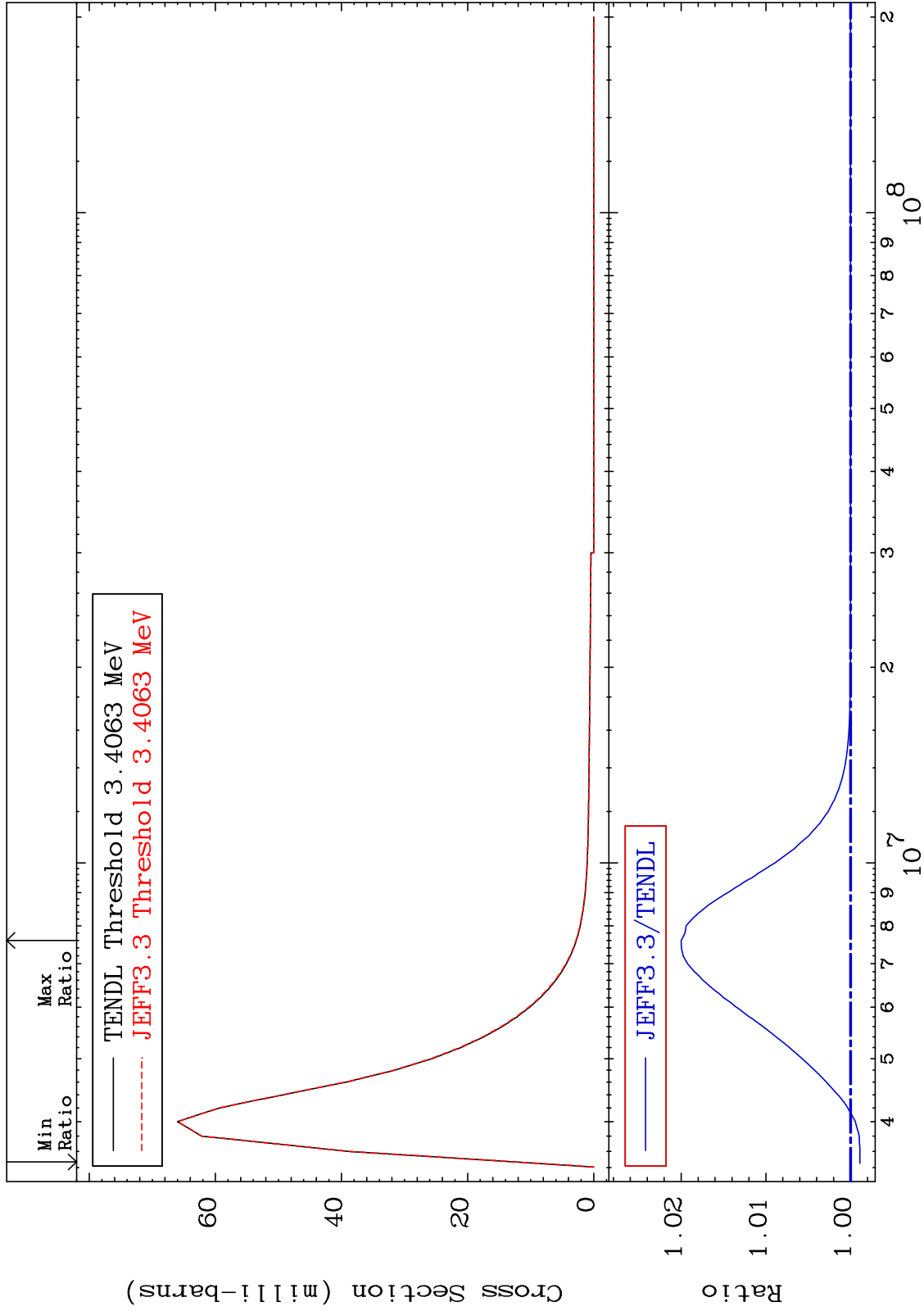
36-Kr-84
-0.130 To 2.383 %



MAT 3643

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

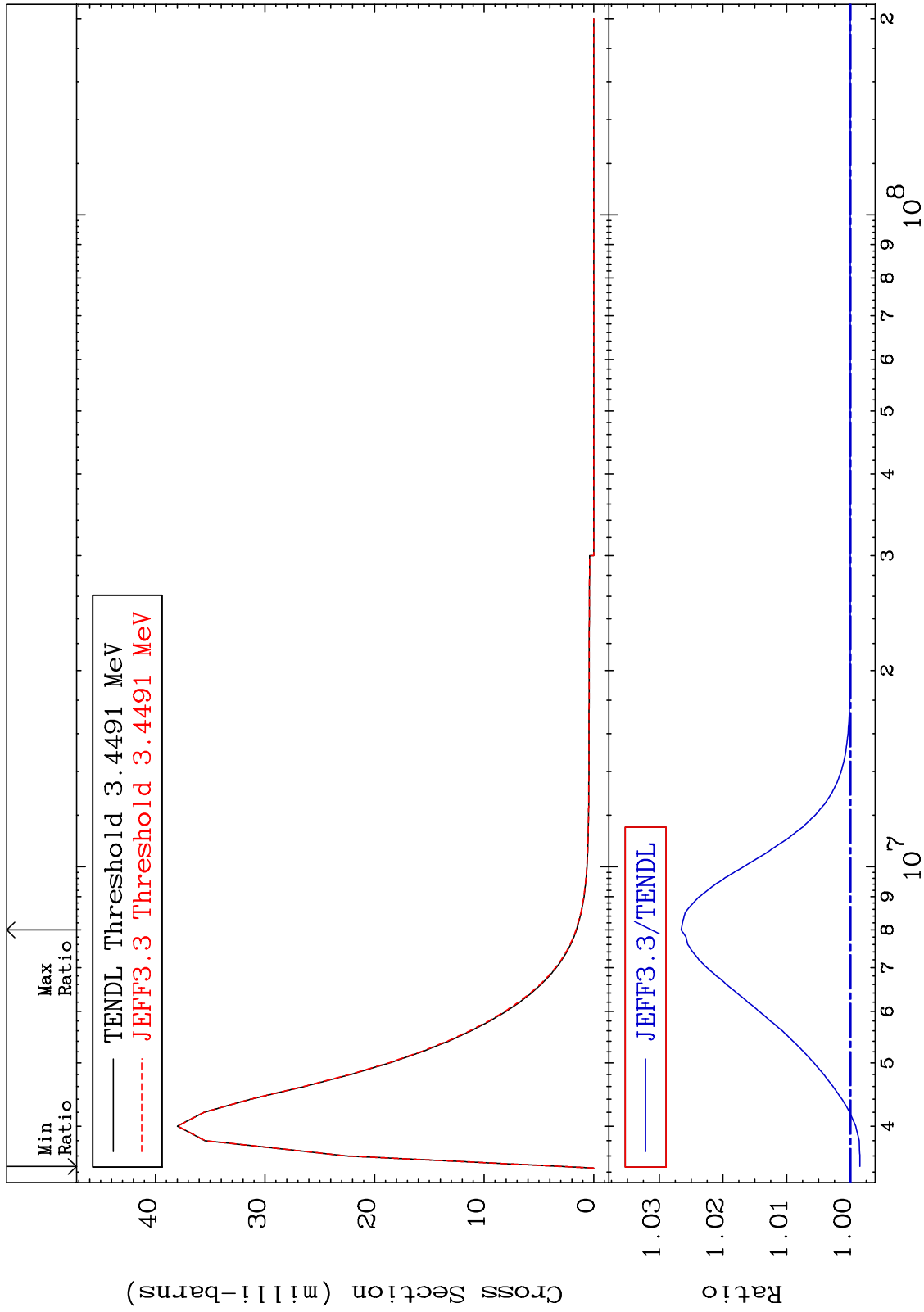
36-Kr-84
-0.110 To 1.999 %



MAT 3643

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

36-Kr-84
-0.150 To 2.656 %



40

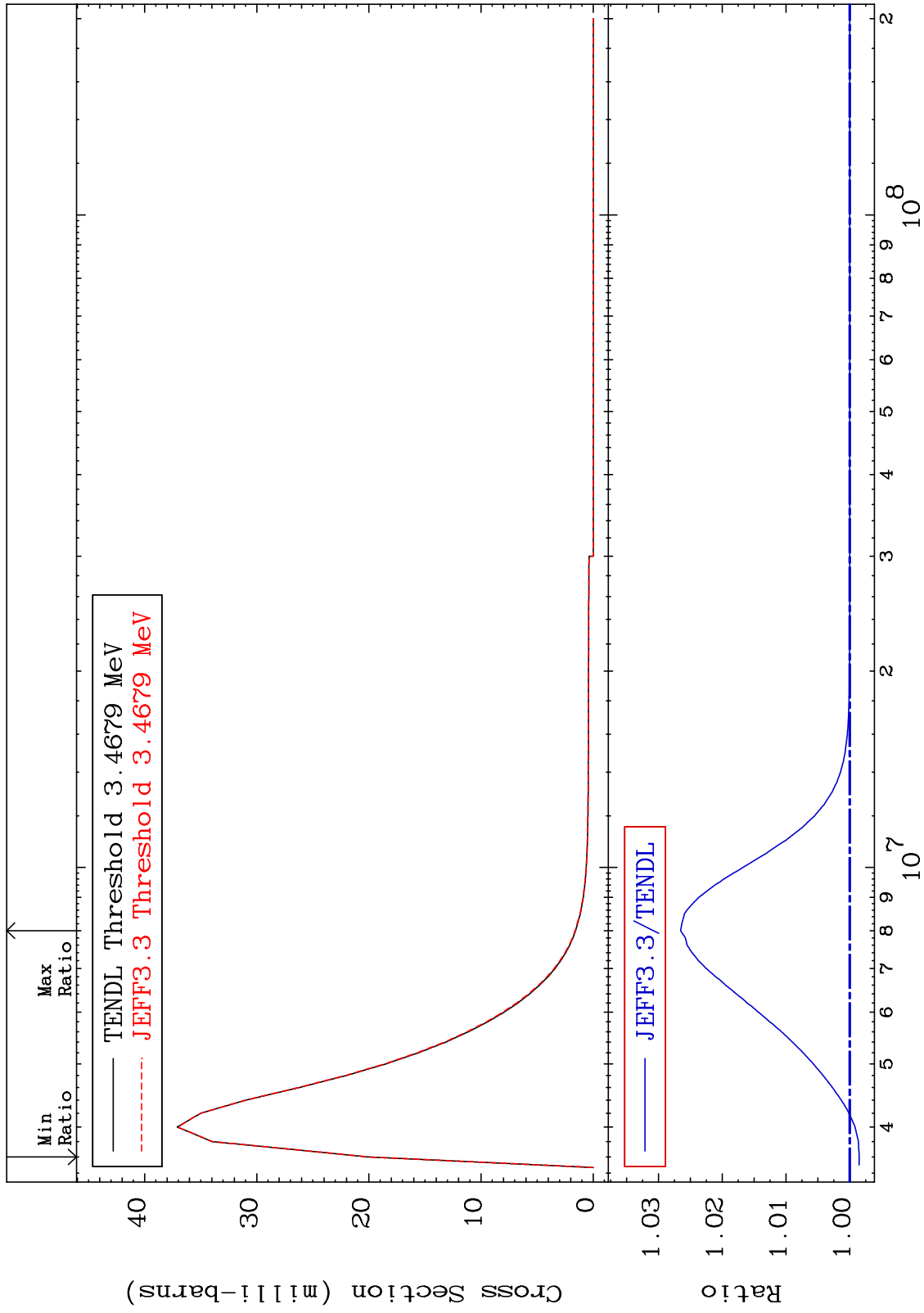
Incident Energy (eV)

36-Kr-84

MAT 3643

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

36-Kr-84
-0.149 To 2.654 %



41

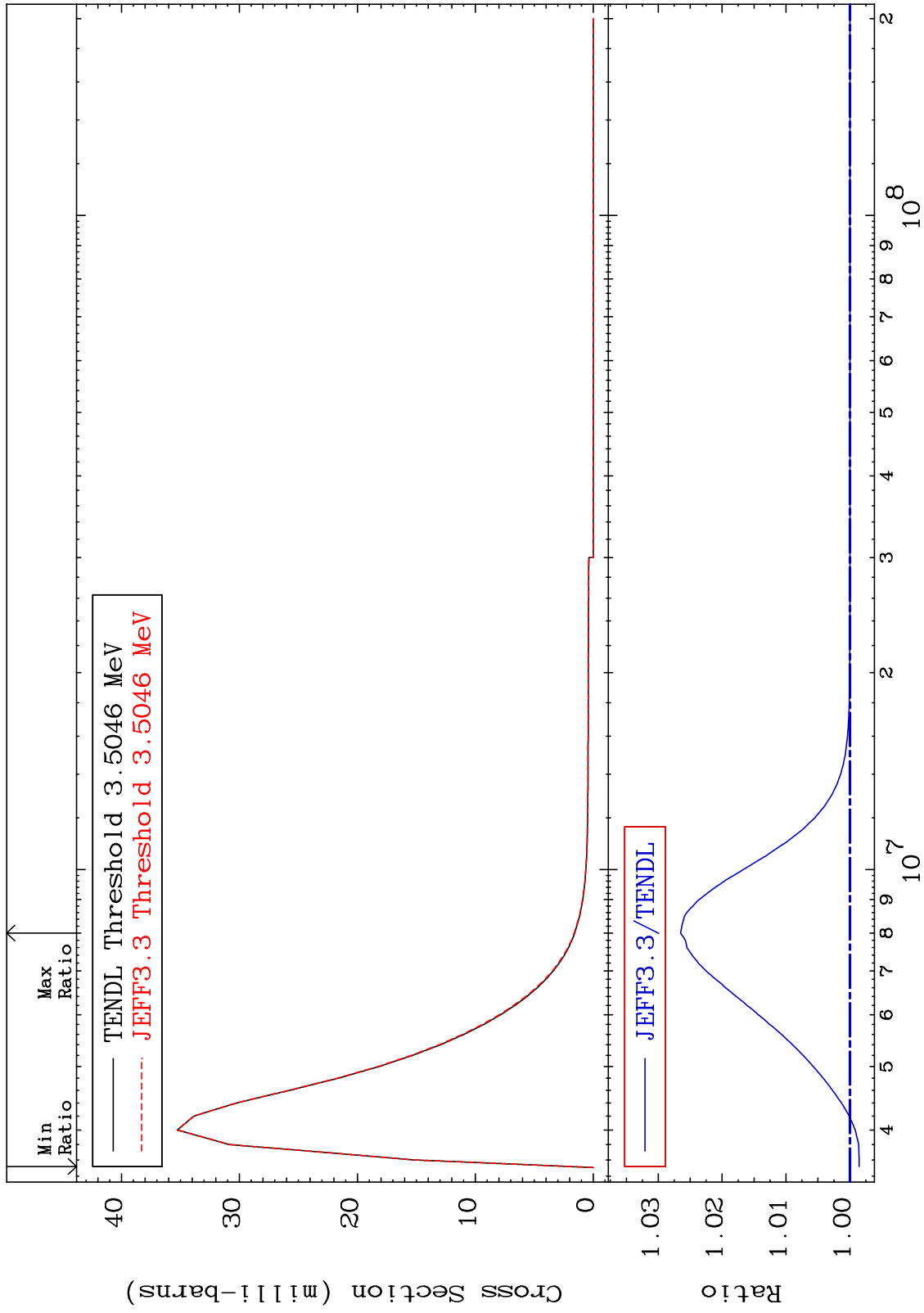
Incident Energy (eV)

36-Kr-84

MAT 3643

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

36-Kr-84
-0.145 To 2.650 %



42

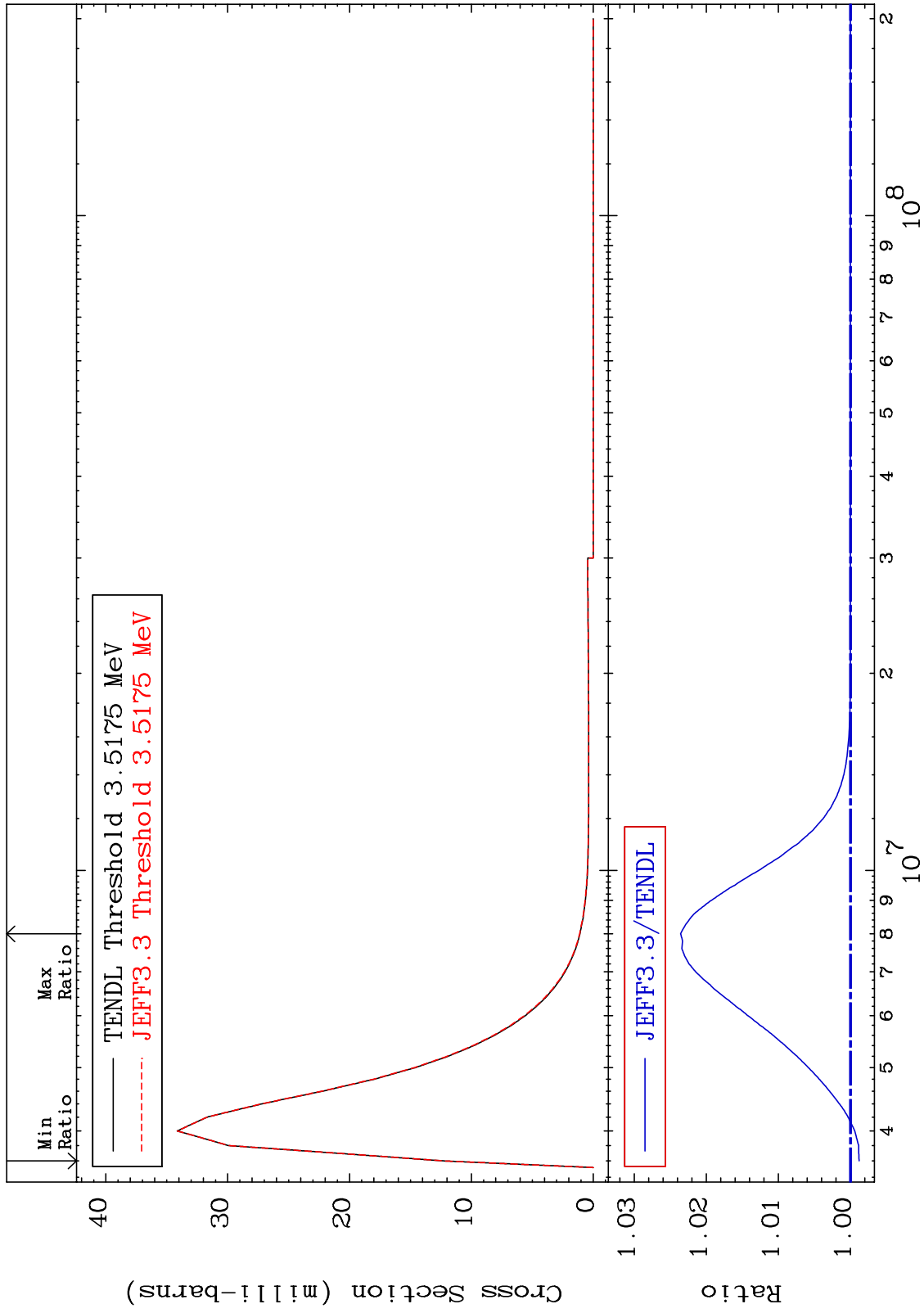
Incident Energy (eV)

36-Kr-84

MAT 3643

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

36-Kr-84
-0.121 To 2.357 %



43

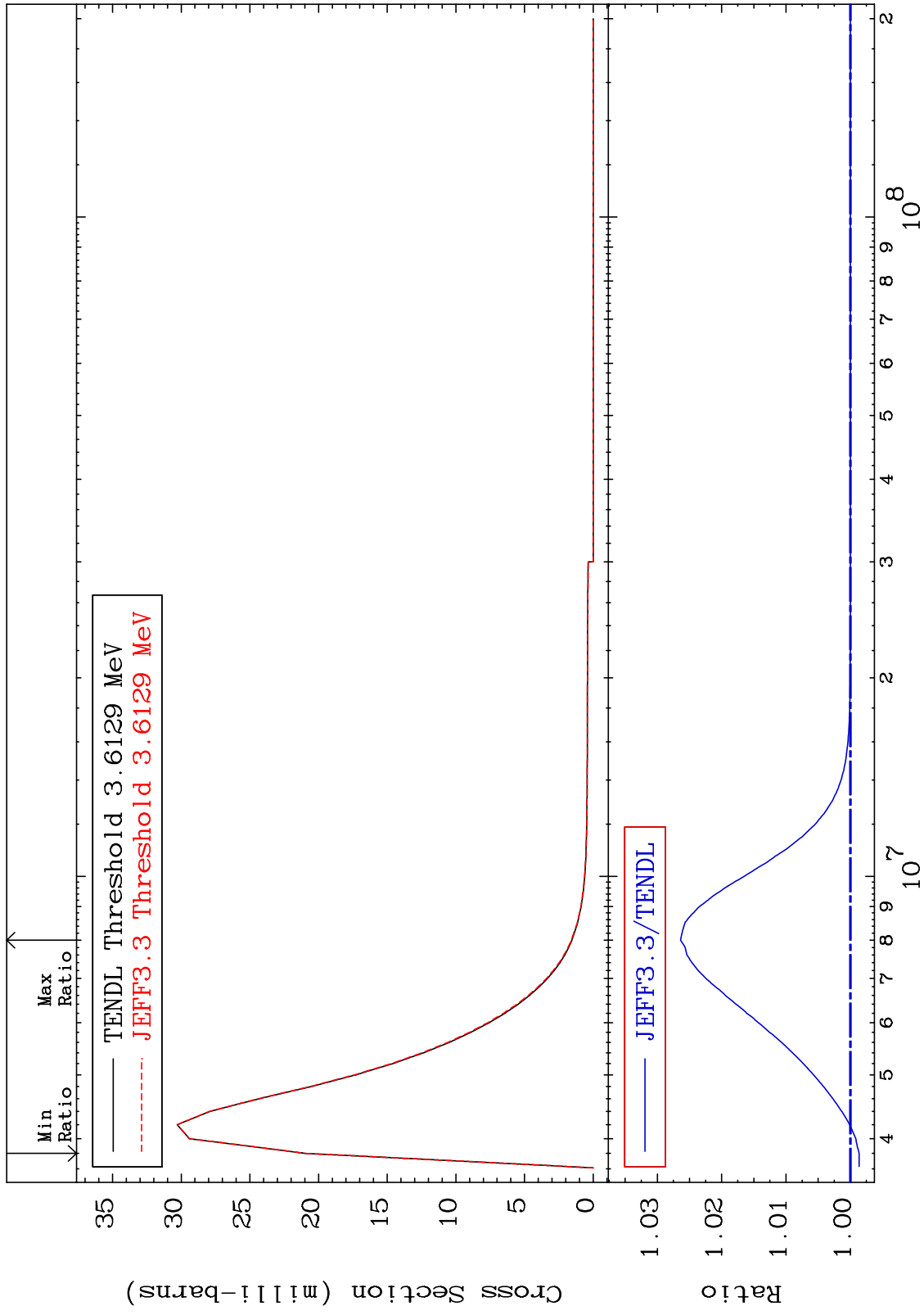
Incident Energy (eV)

36-Kr-84

MAT 3643

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

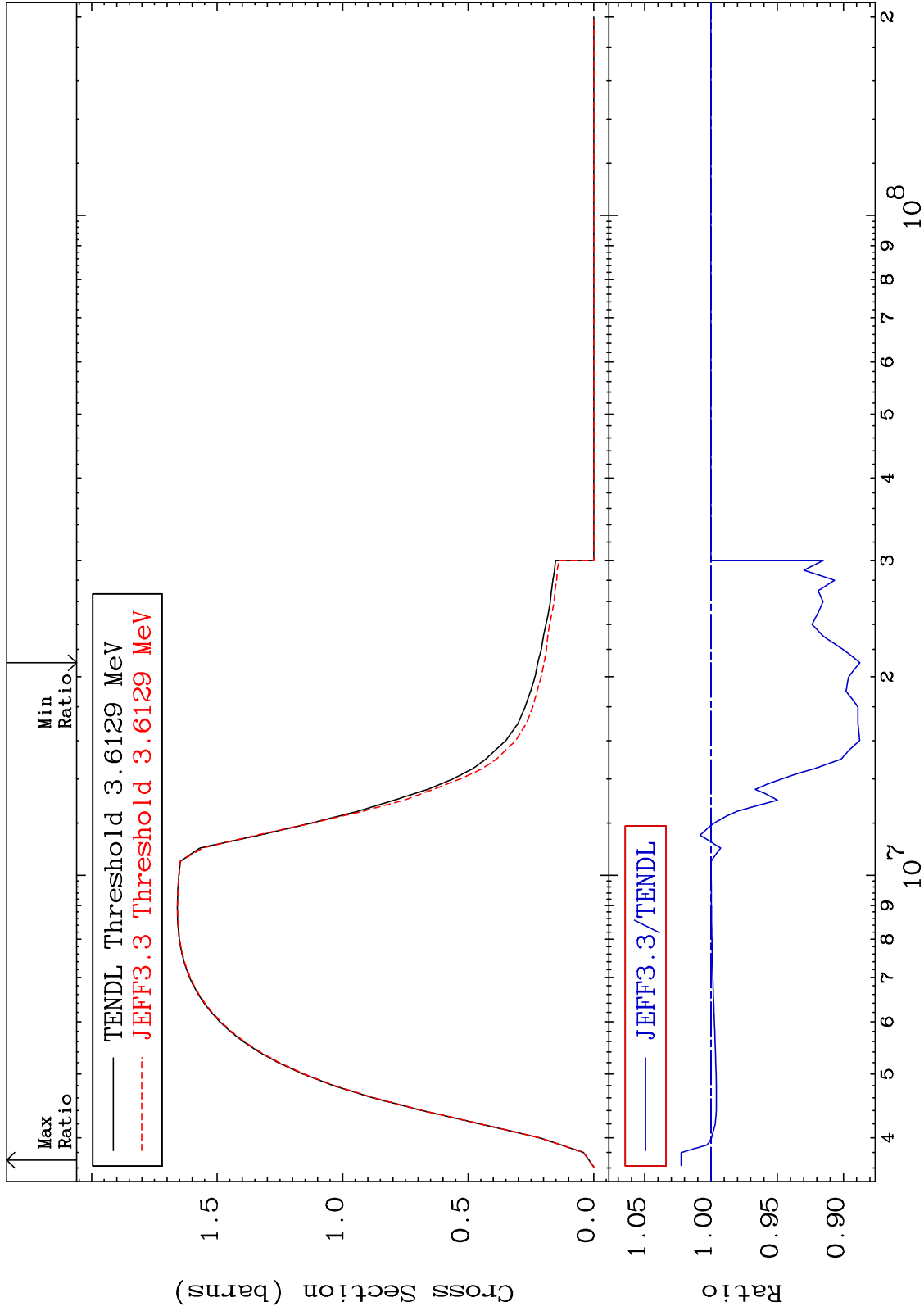
36-Kr-84
-0.137 To 2.638 %



MAT 3643

(n, n') Continuum
Cross Section

36-Kr-84
-11.25 To 2.245 %



45

Incident Energy (eV)

36-Kr-84

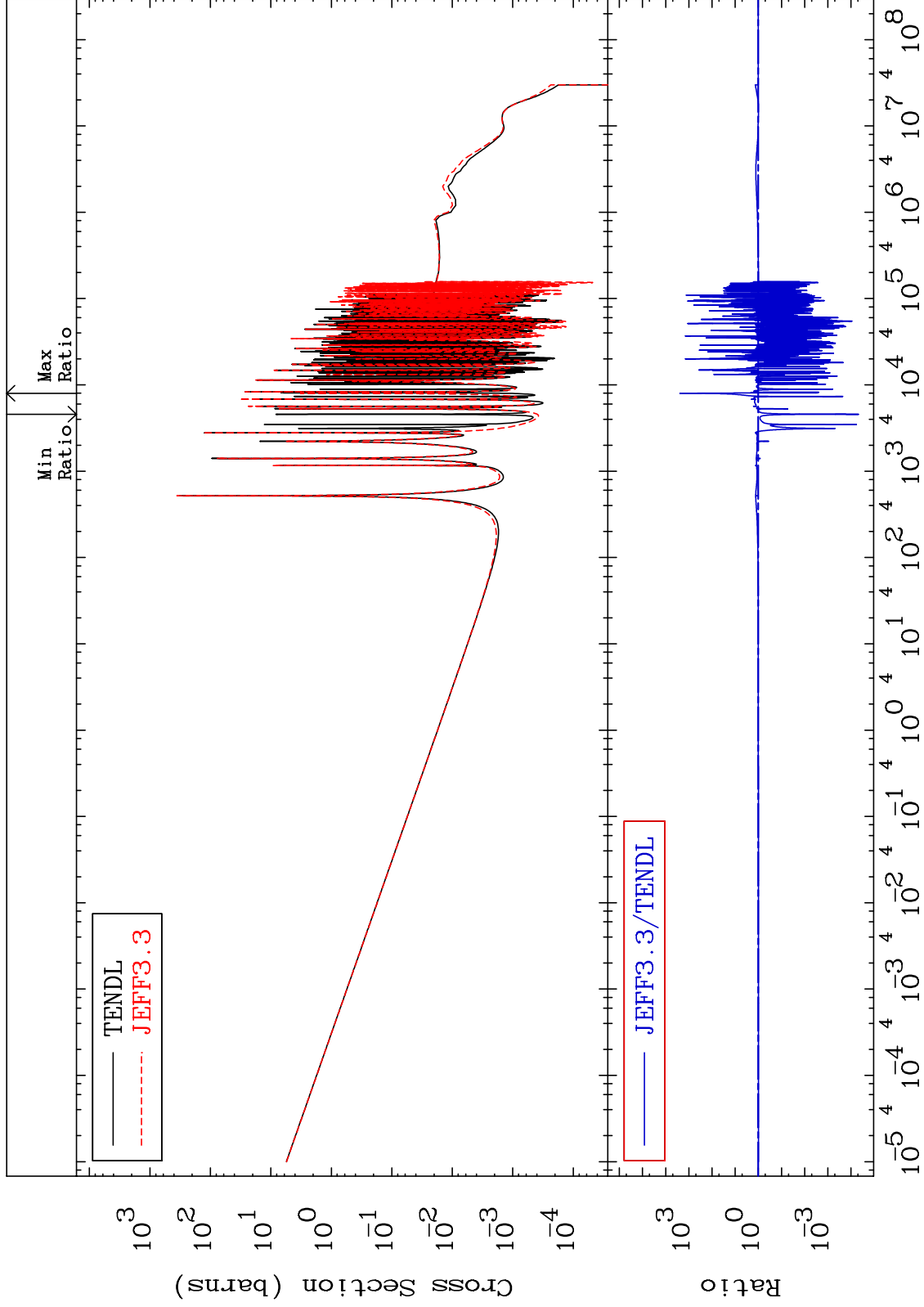
MAT 3643

(n, γ)

36-Kr-84

Cross Section

-100.0 To 9999. %



46

Incident Energy (eV)

36-Kr-84

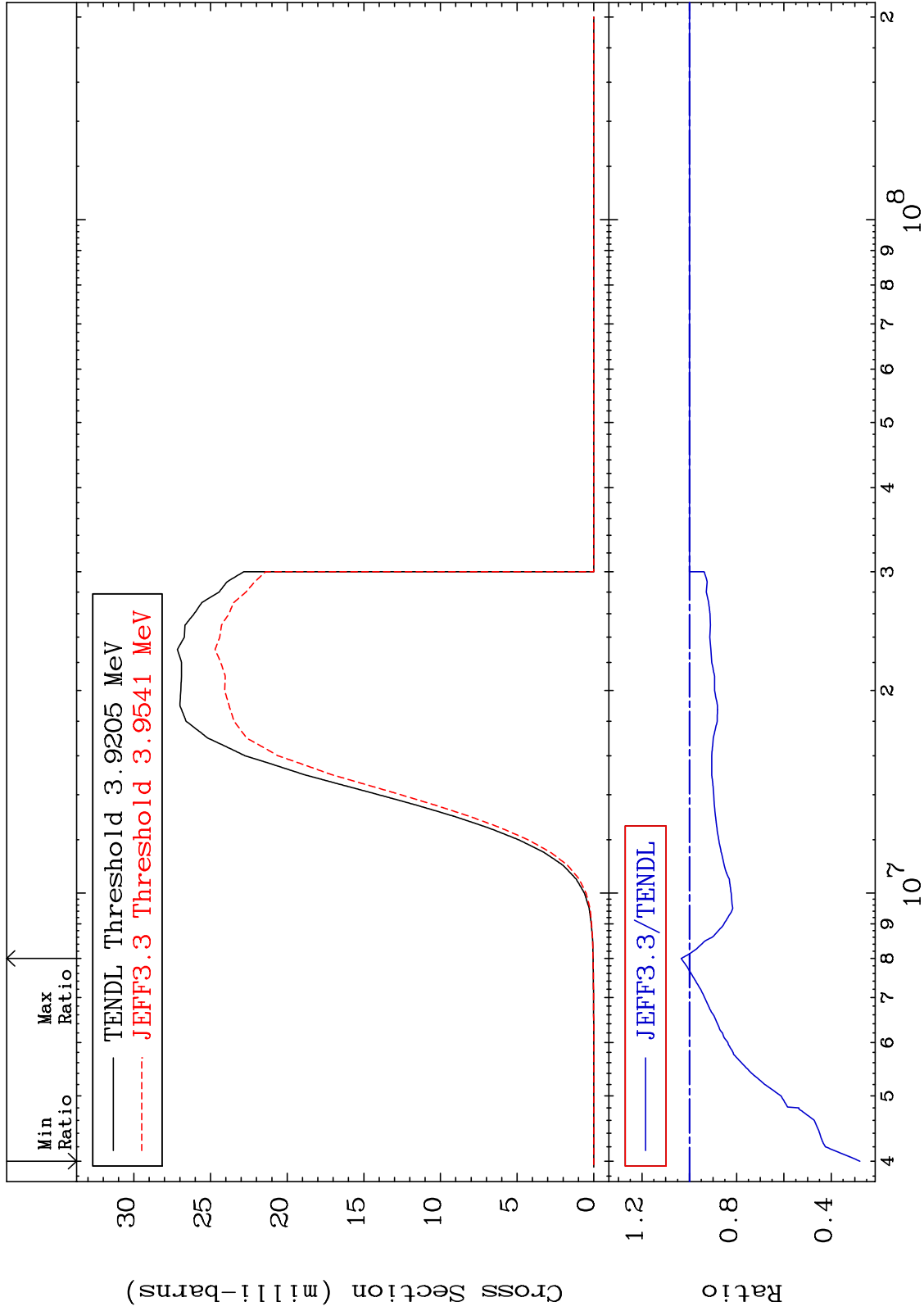
MAT 3643

(n,p)

³⁶Kr-84

Cross Section

-72.15 To 3.452 %



47

Incident Energy (eV)

³⁶Kr-84

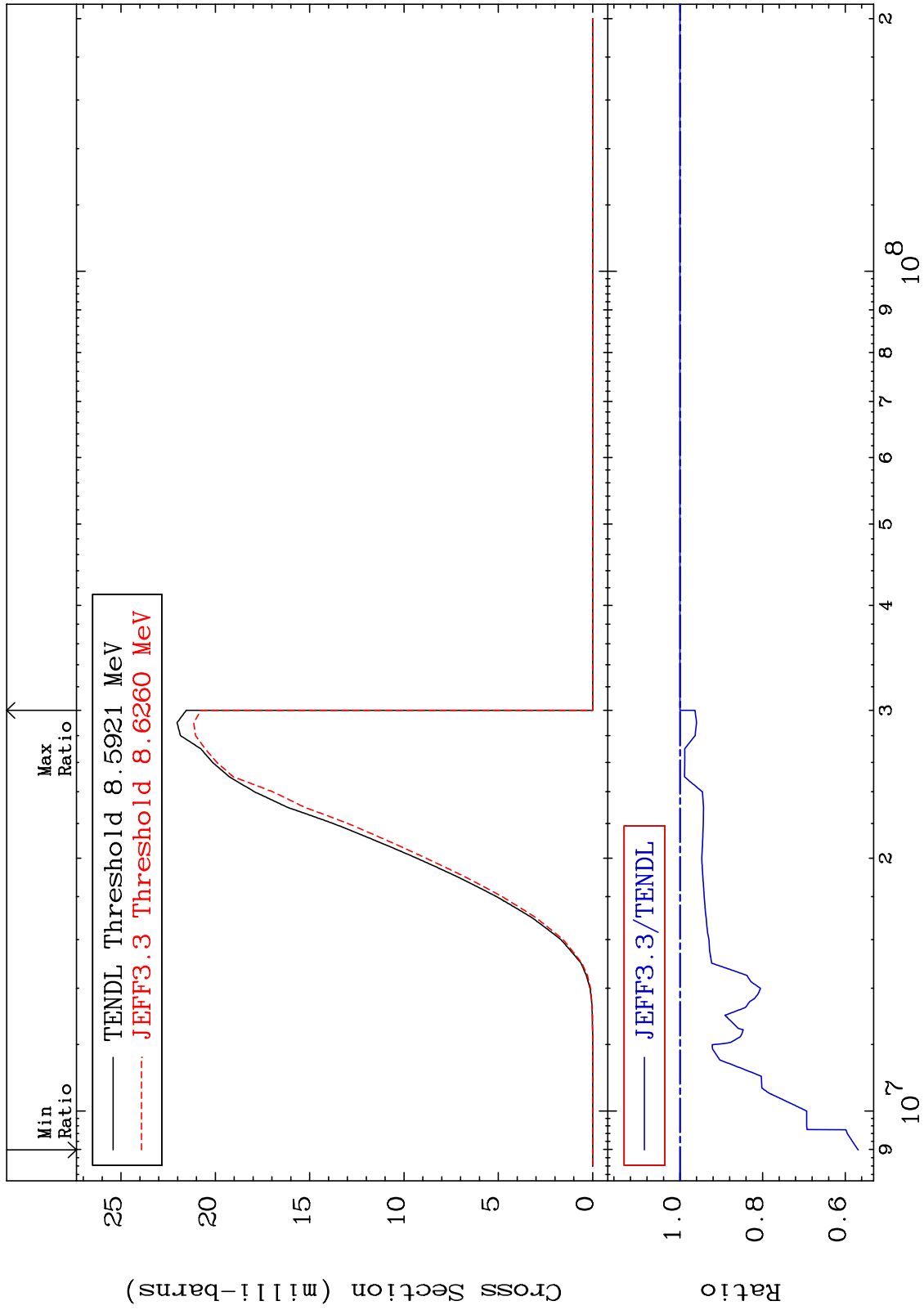
MAT 3643

(n, d)

³⁶Kr-84

-43.20 To 0.000 %

Cross Section



48

Incident Energy (eV)

³⁶Kr-84

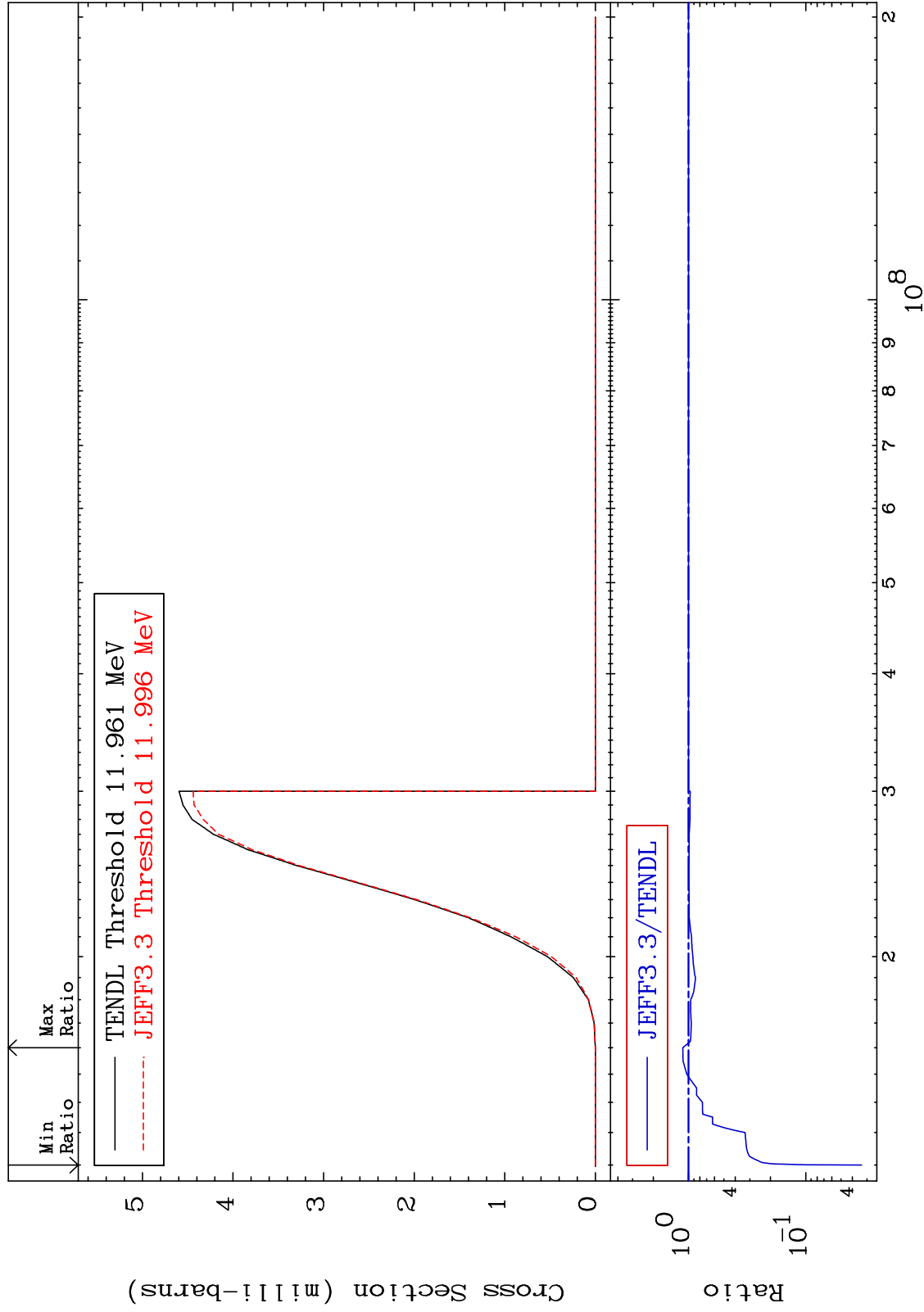
MAT 3643

(n, t)

³⁶Kr-84

Cross Section

-96.66 To 11.75 %



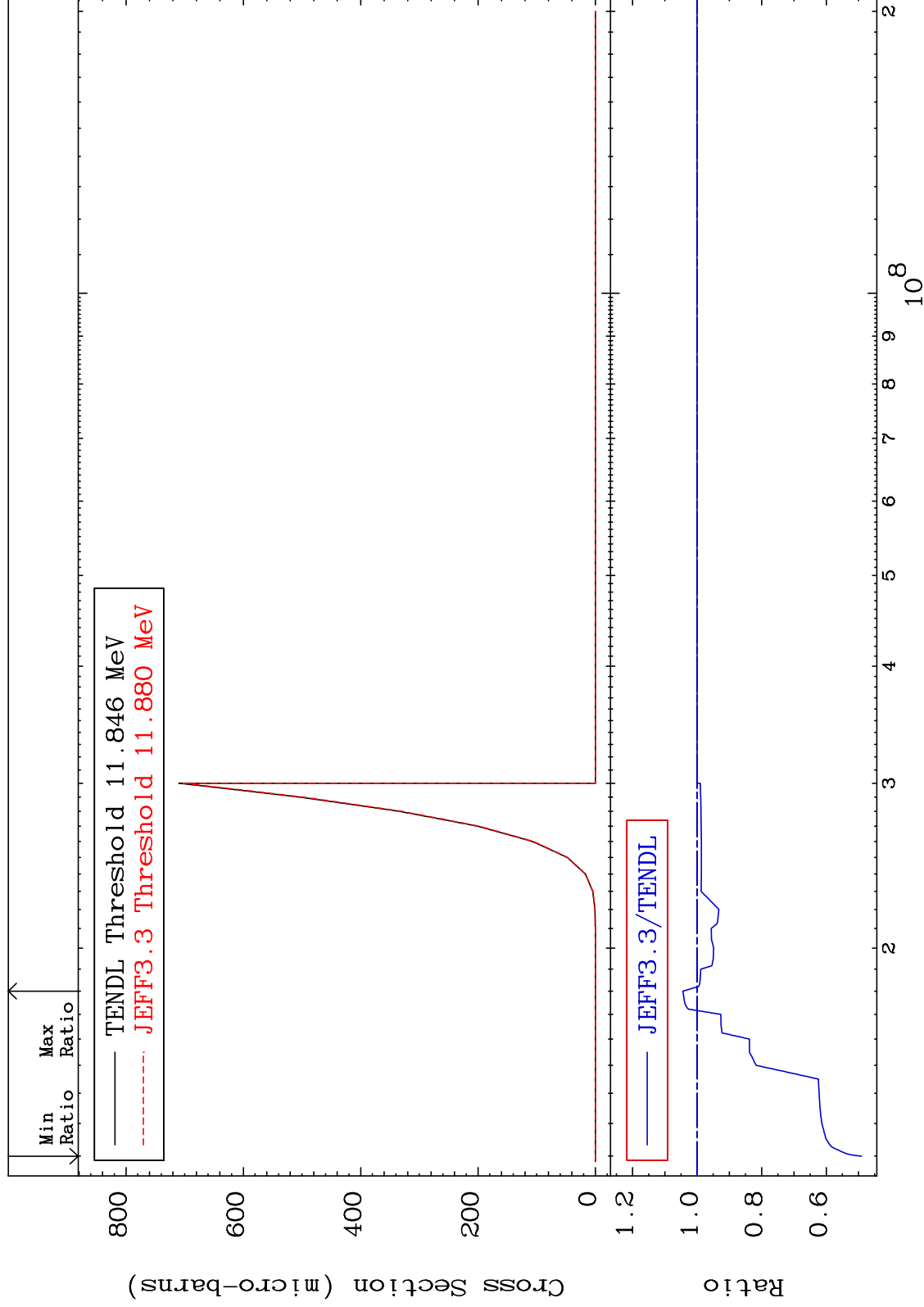
MAT 3643

(n, He-3)

36-Kr-84

Cross Section

-50.94 To 4.409 %



50

Incident Energy (eV)

36-Kr-84

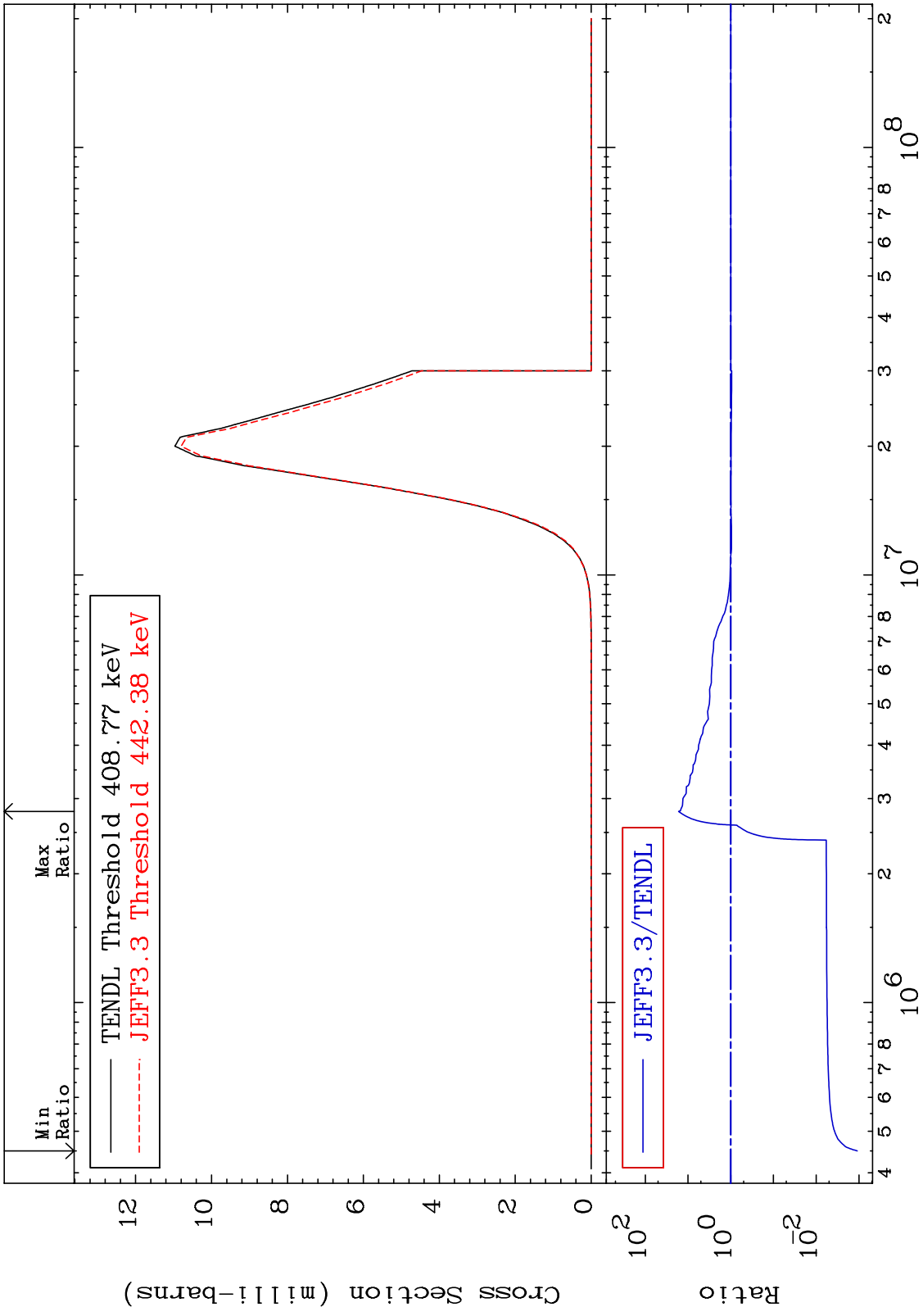
MAT 3643

(n, α)

³⁶Kr-84

-99.89 To 1556. %

Cross Section



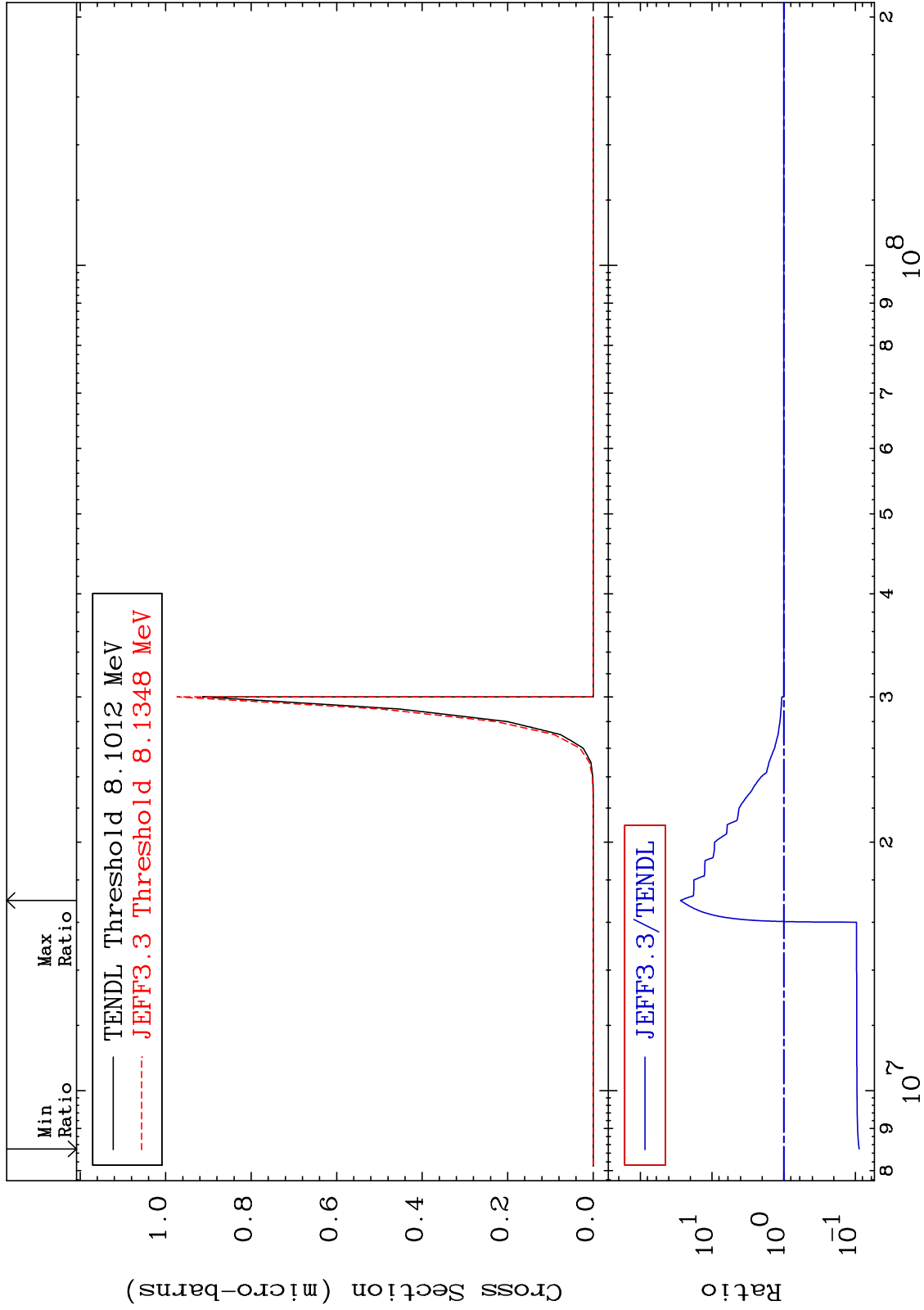
MAT 3643

(n, 2α)

36-Kr-84

Cross Section

-91.12 To 2642. %



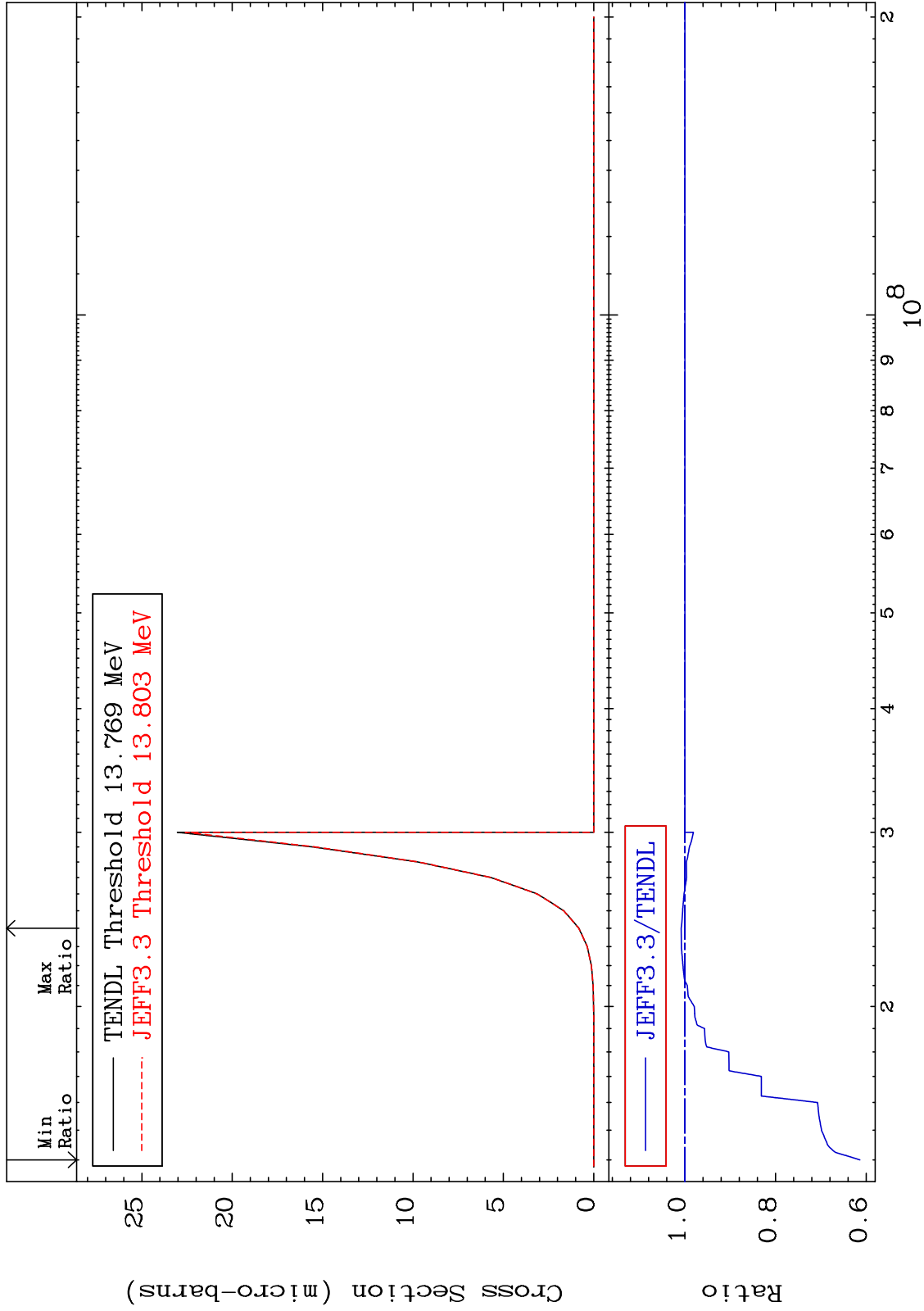
MAT 3643

(n,2p)

³⁶Kr-84

Cross Section

-38.63 To 0.788 %



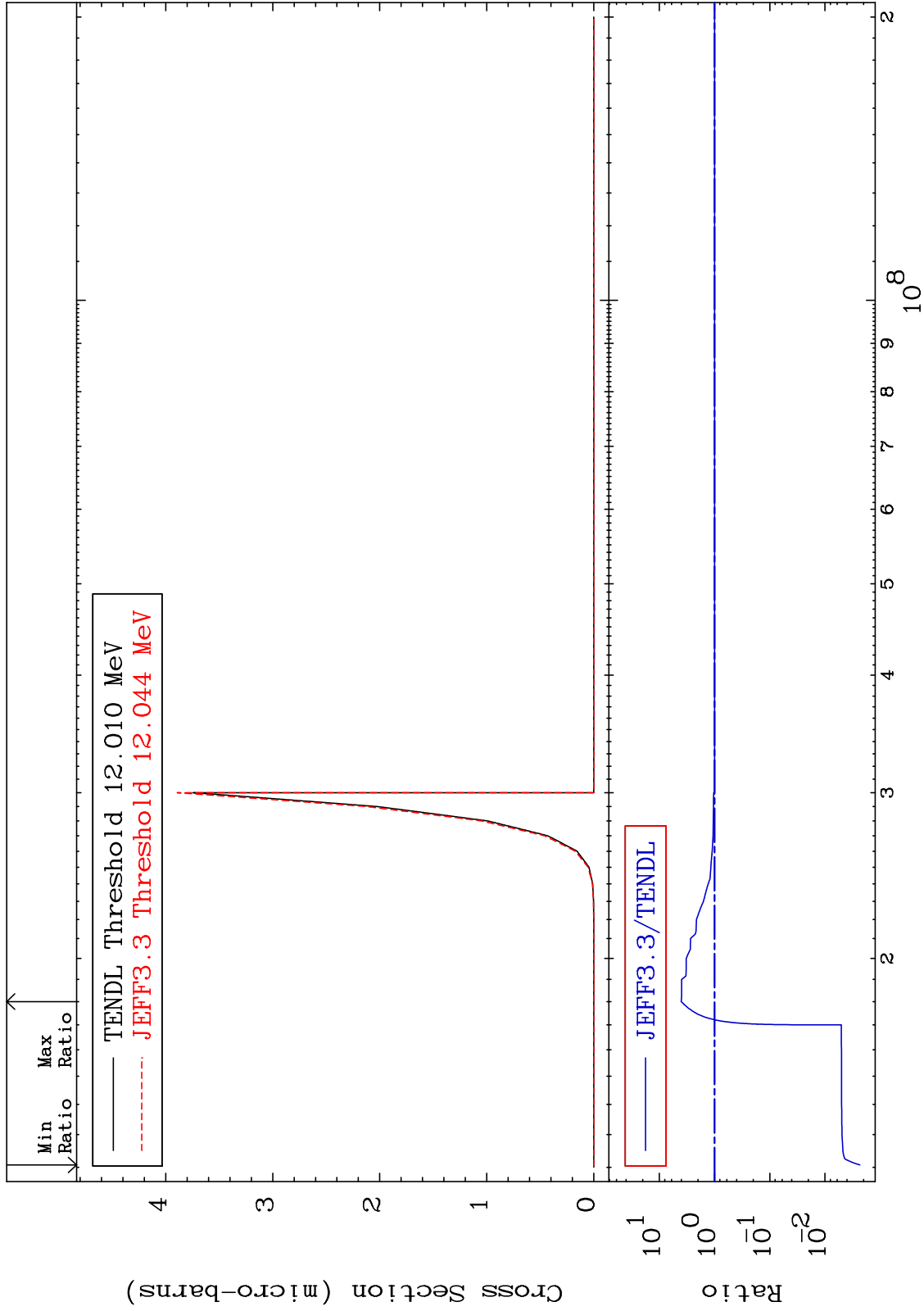
MAT 3643

(n,p) α

36-Kr-84

Cross Section

-99.77 To 302.2 %



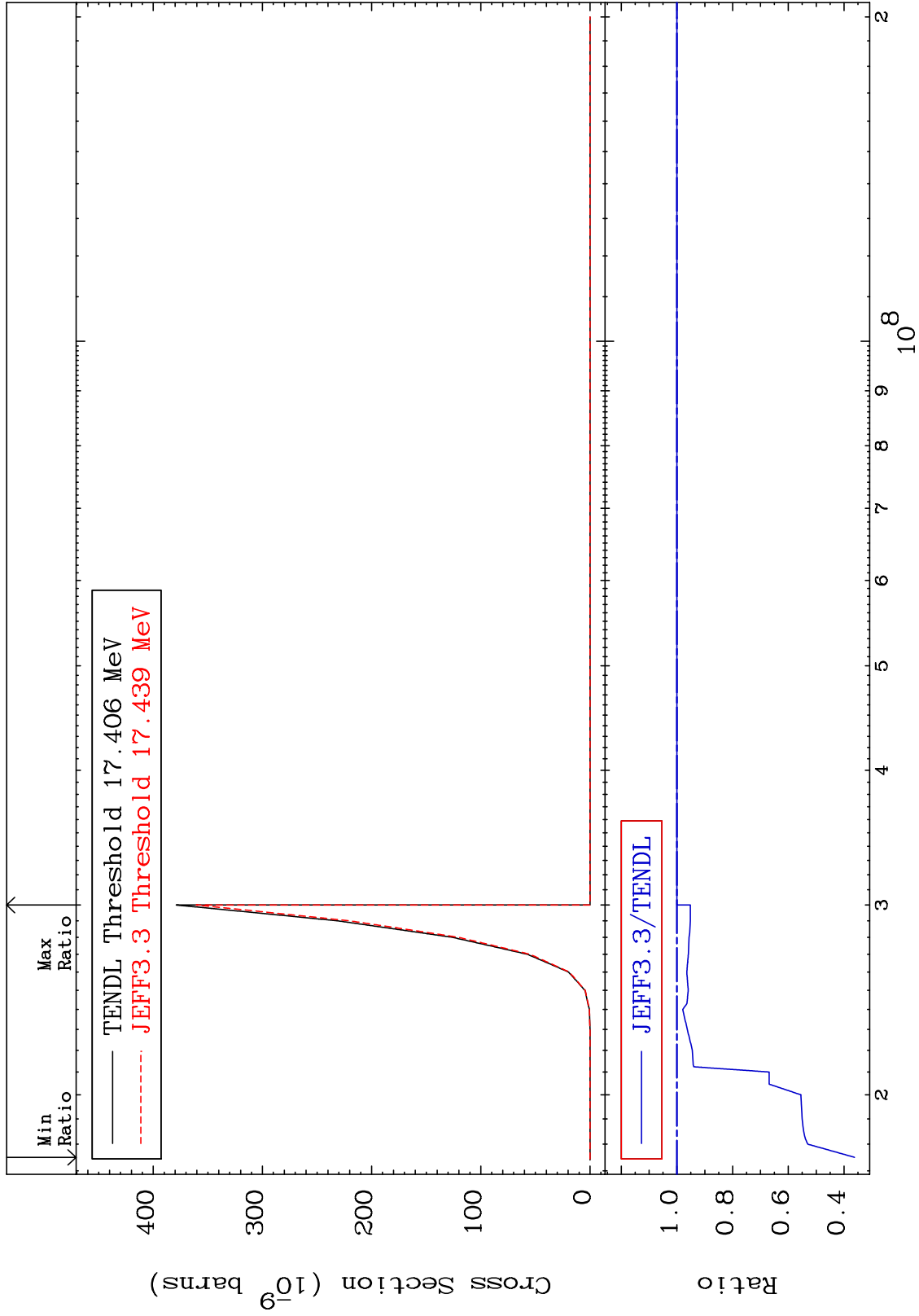
MAT 3643

(n,p) d

36-Kr-84

Cross Section

-63.77 To 0.000 %



55

Incident Energy (eV)

36-Kr-84

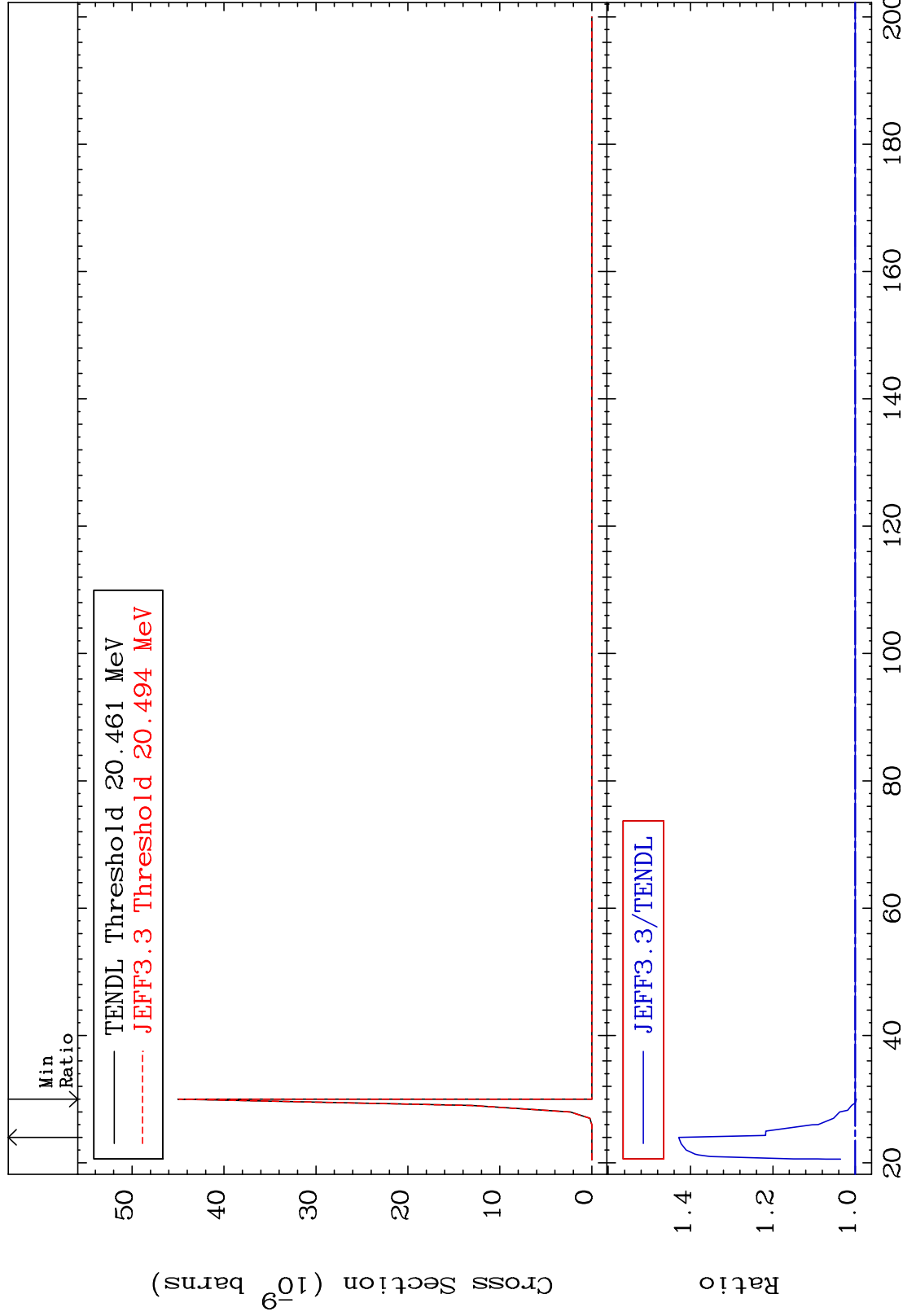
MAT 3643

(n,p) t

³⁶Kr-84

Cross Section

-0.293 To 42.85 %



Incident Energy (MeV)

³⁶Kr-84

56

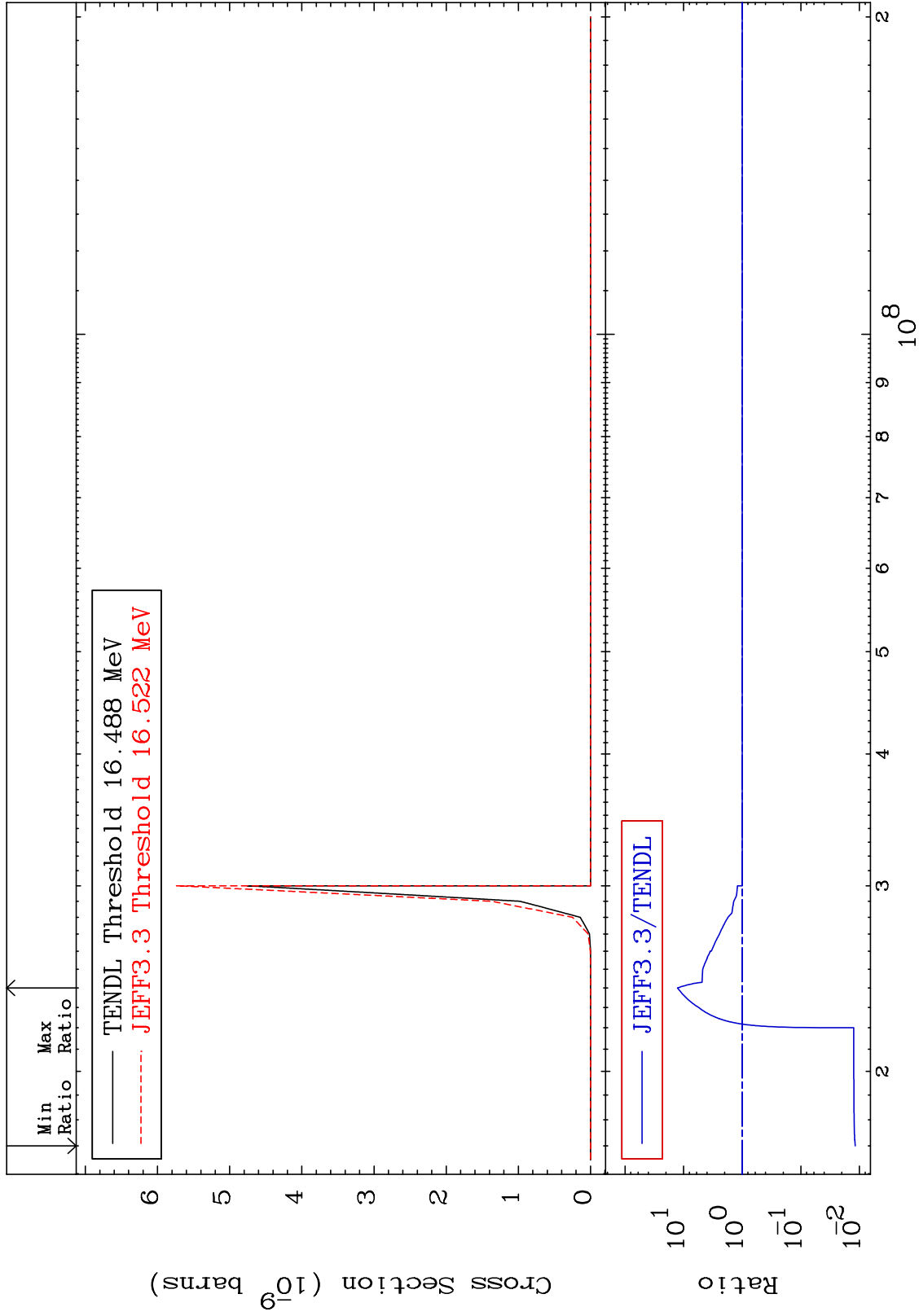
MAT 3643

(n,d) α

36-Kr-84

Cross Section

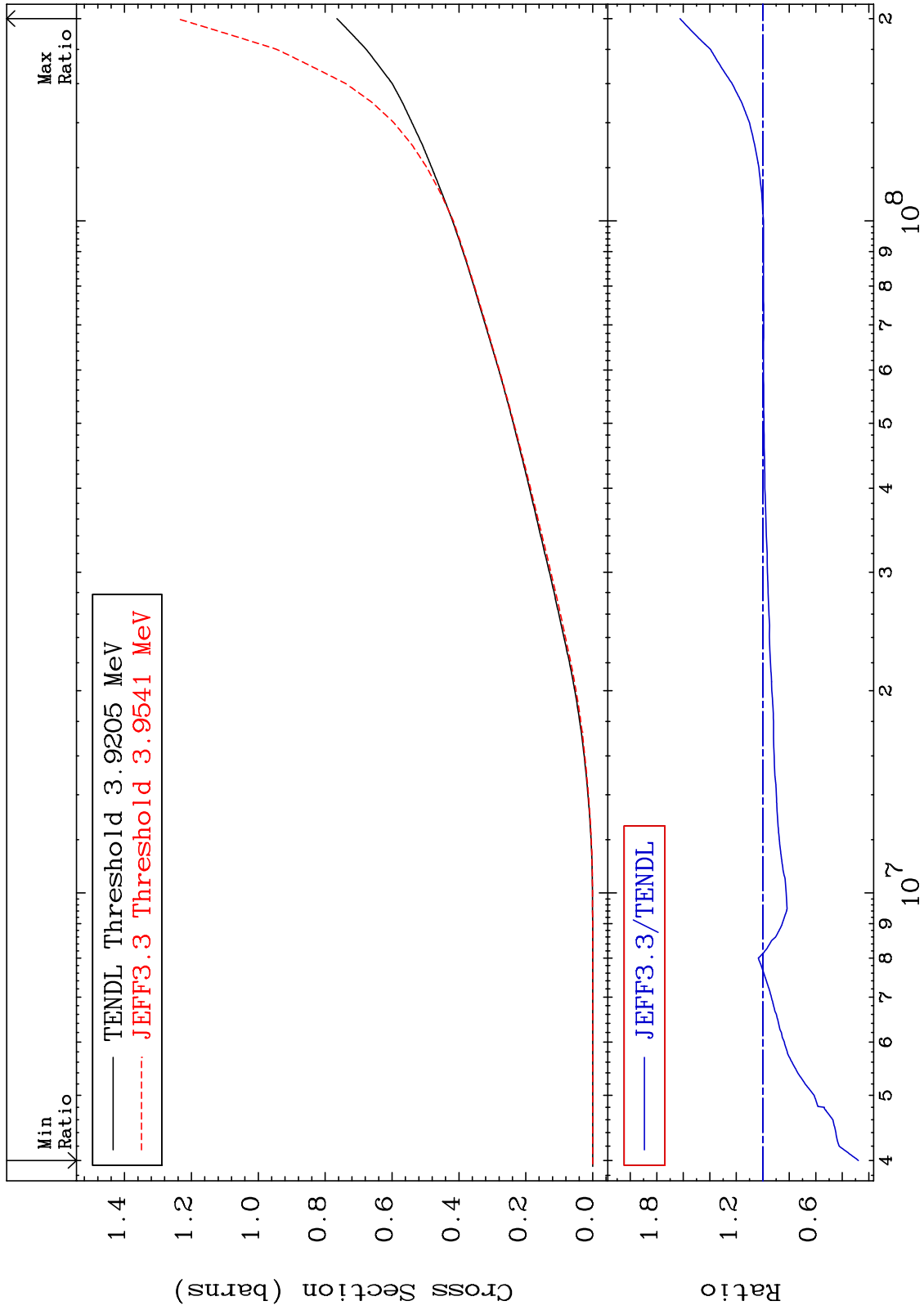
-98.82 To 1171. %



MAT 3643

Hydrogen Production
Cross Section

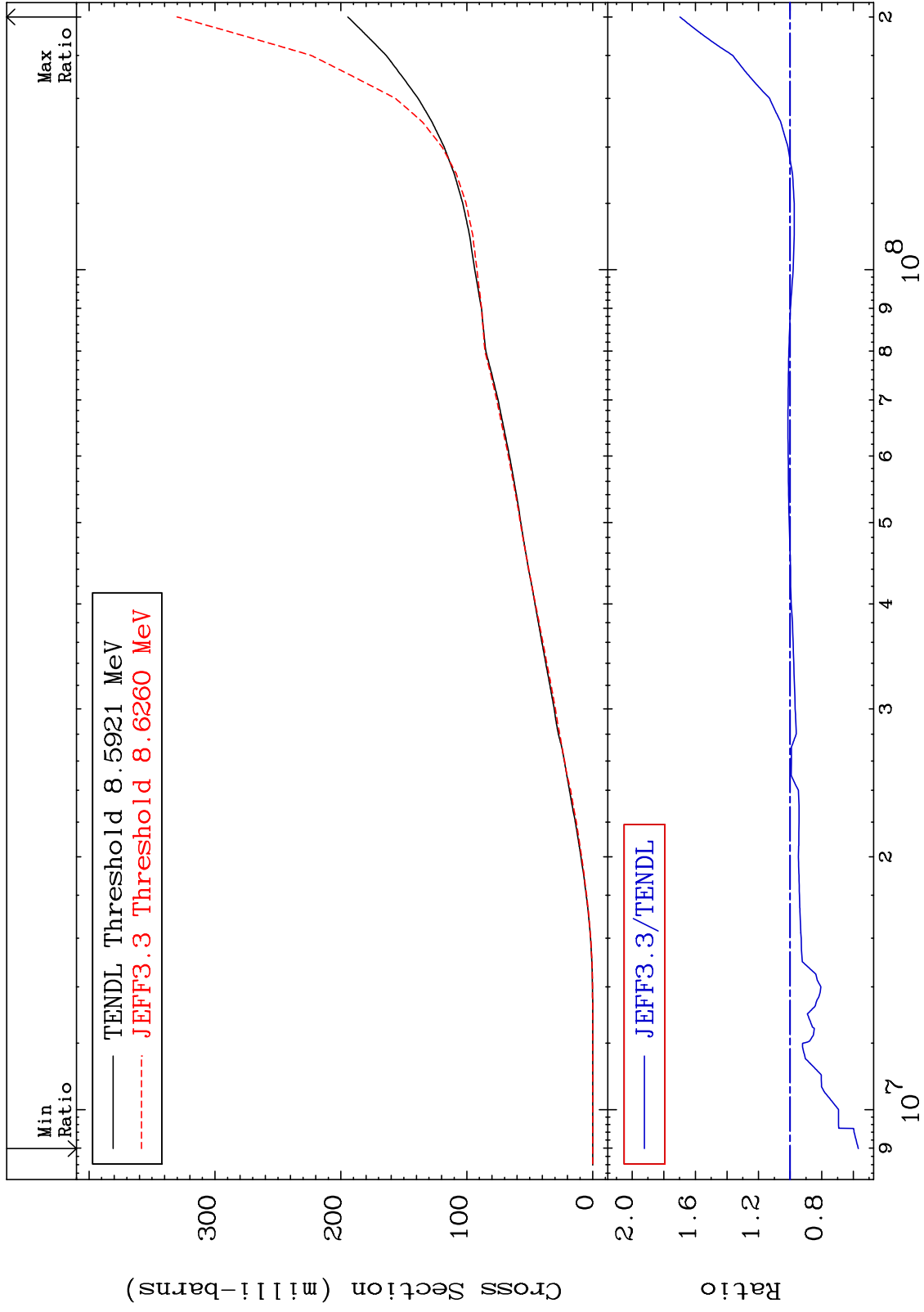
36-Kr-84
-72.15 To 62.49 %



MAT 3643

Deuterium Production
Cross Section

36-Kr-84
-43.20 To 69.73 %



59

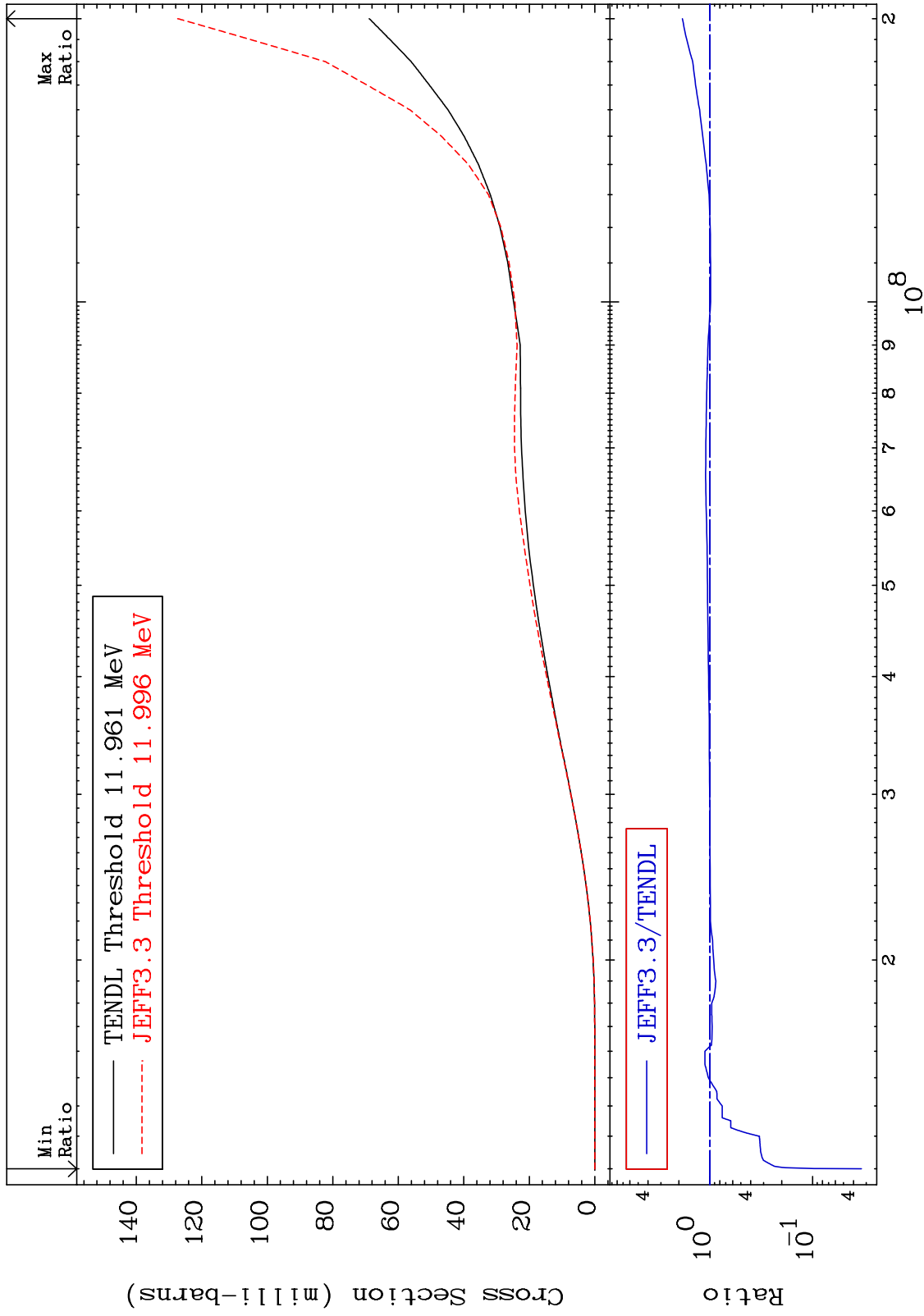
Incident Energy (eV)

36-Kr-84

MAT 3643

Tritium Production
Cross Section

$^{36}\text{Kr-84}$
-96.66 To 84.90 %



60

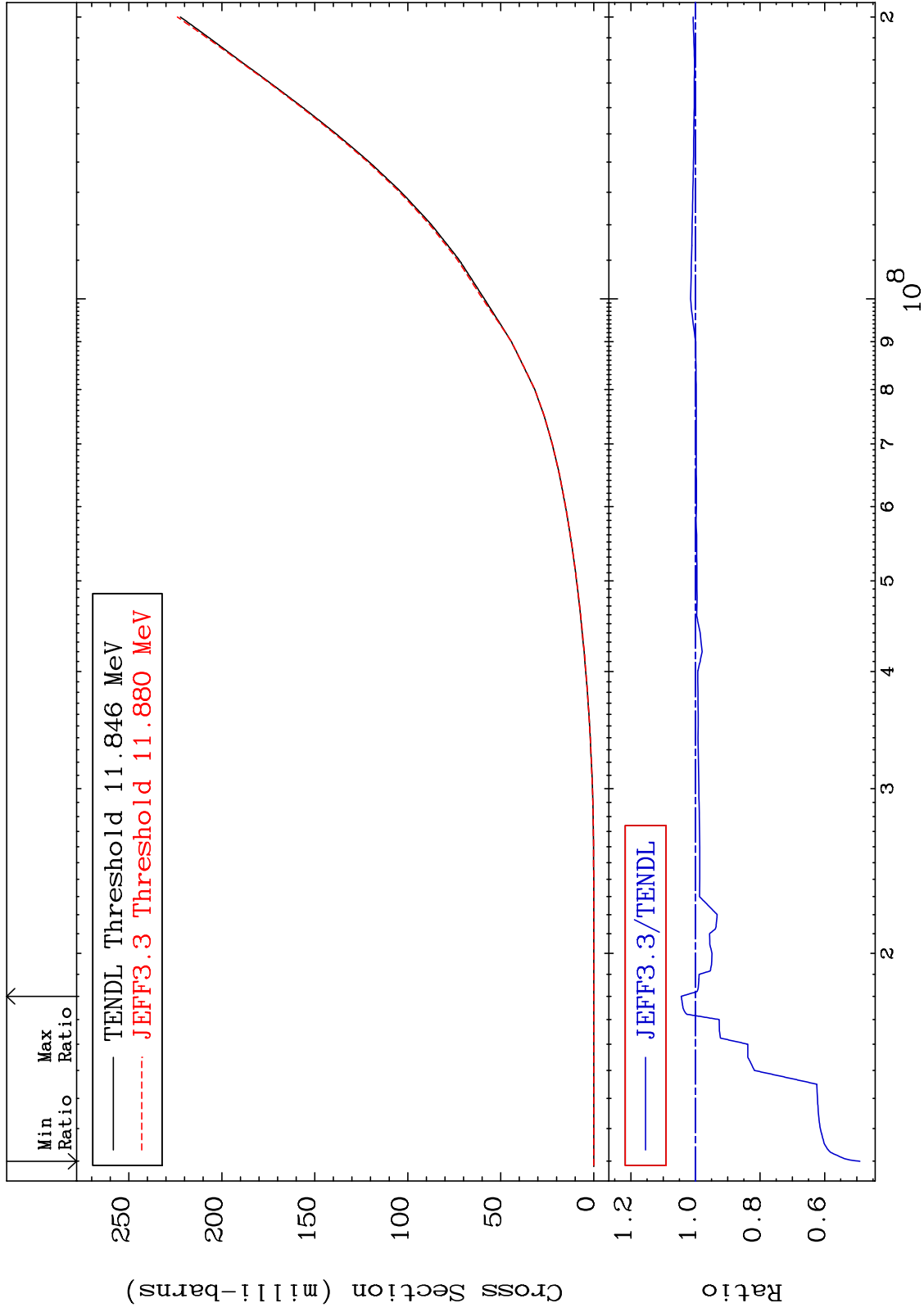
Incident Energy (eV)

$^{36}\text{Kr-84}$

MAT 3643

He-3 Production
Cross Section

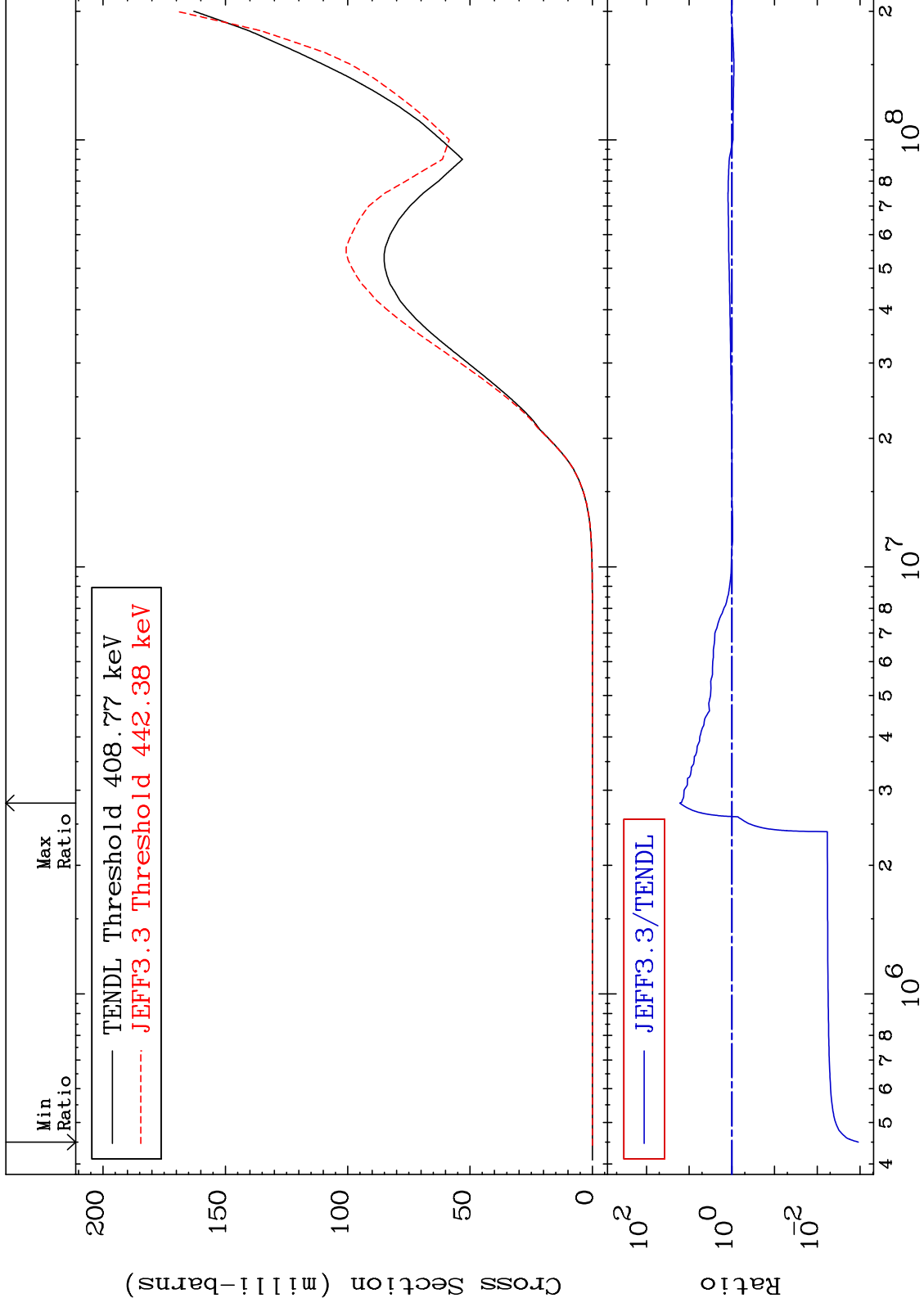
36-Kr-84
-50.94 To 4.409 %



MAT 3643

He-4 Production
Cross Section

³⁶Kr-84
-99.89 To 1556. %



62

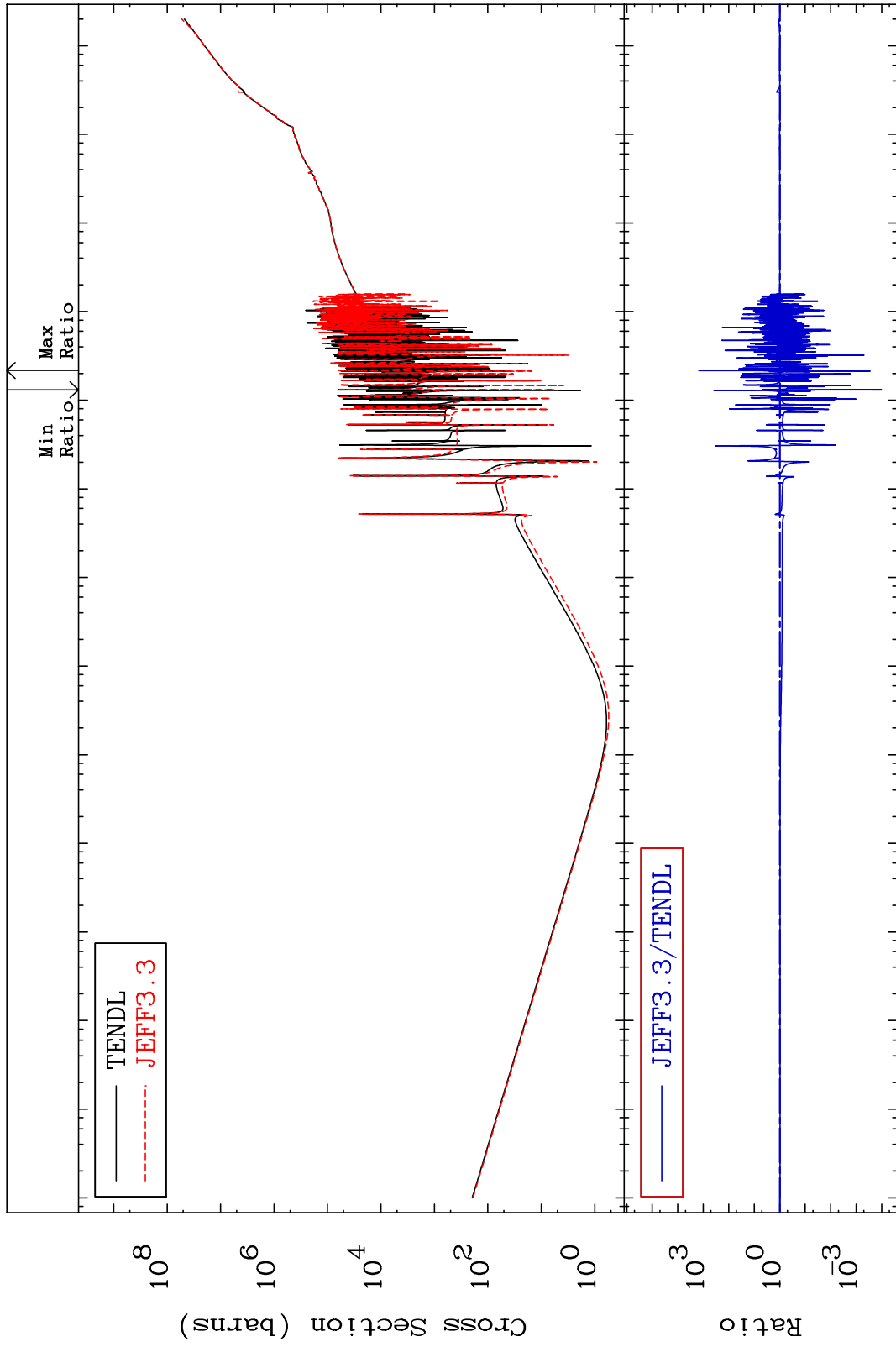
Incident Energy (eV)

³⁶Kr-84

MAT 3643

Kerma total (eV-barns)
Cross Section

36-Kr-84
-99.99 To 9999. %



63

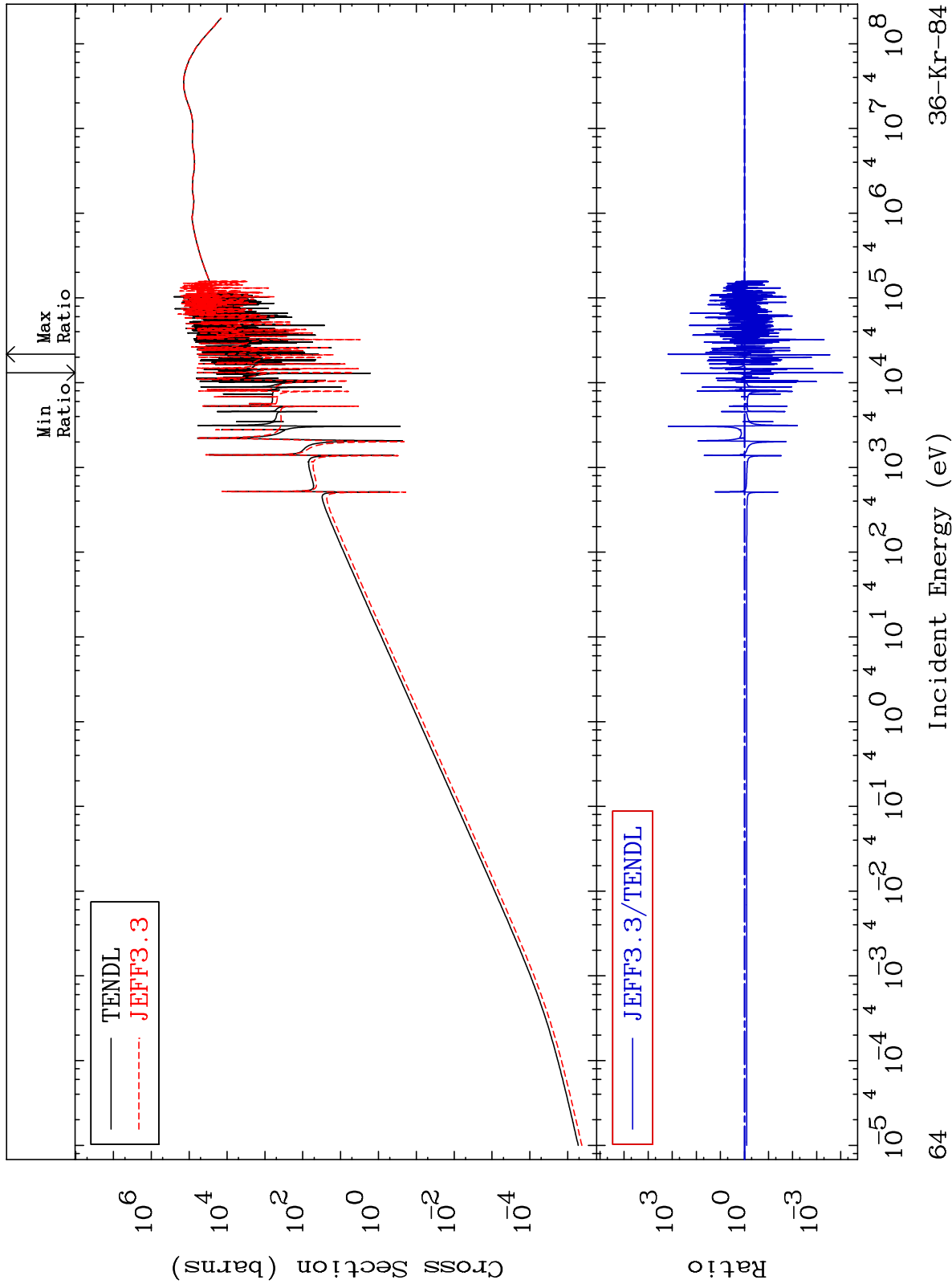
Incident Energy (eV)

36-Kr-84

MAT 3643

Kerma elastic
Cross Section

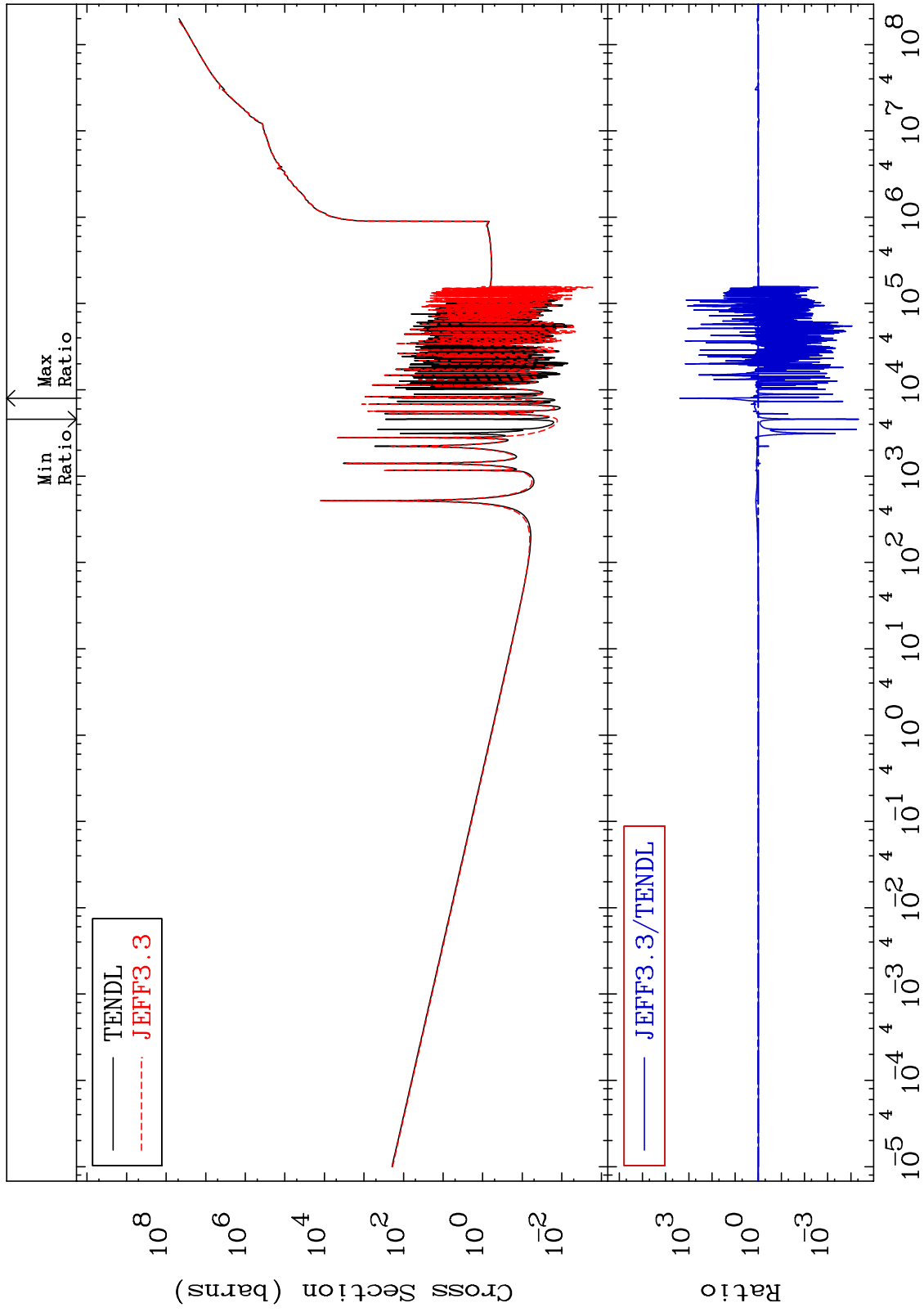
36-Kr-84
-99.99 To 9999. %



MAT 3643

Kerma non-elastic (all but mt2)
Cross Section

36-Kr-84
-100.0 To 9999. %



65

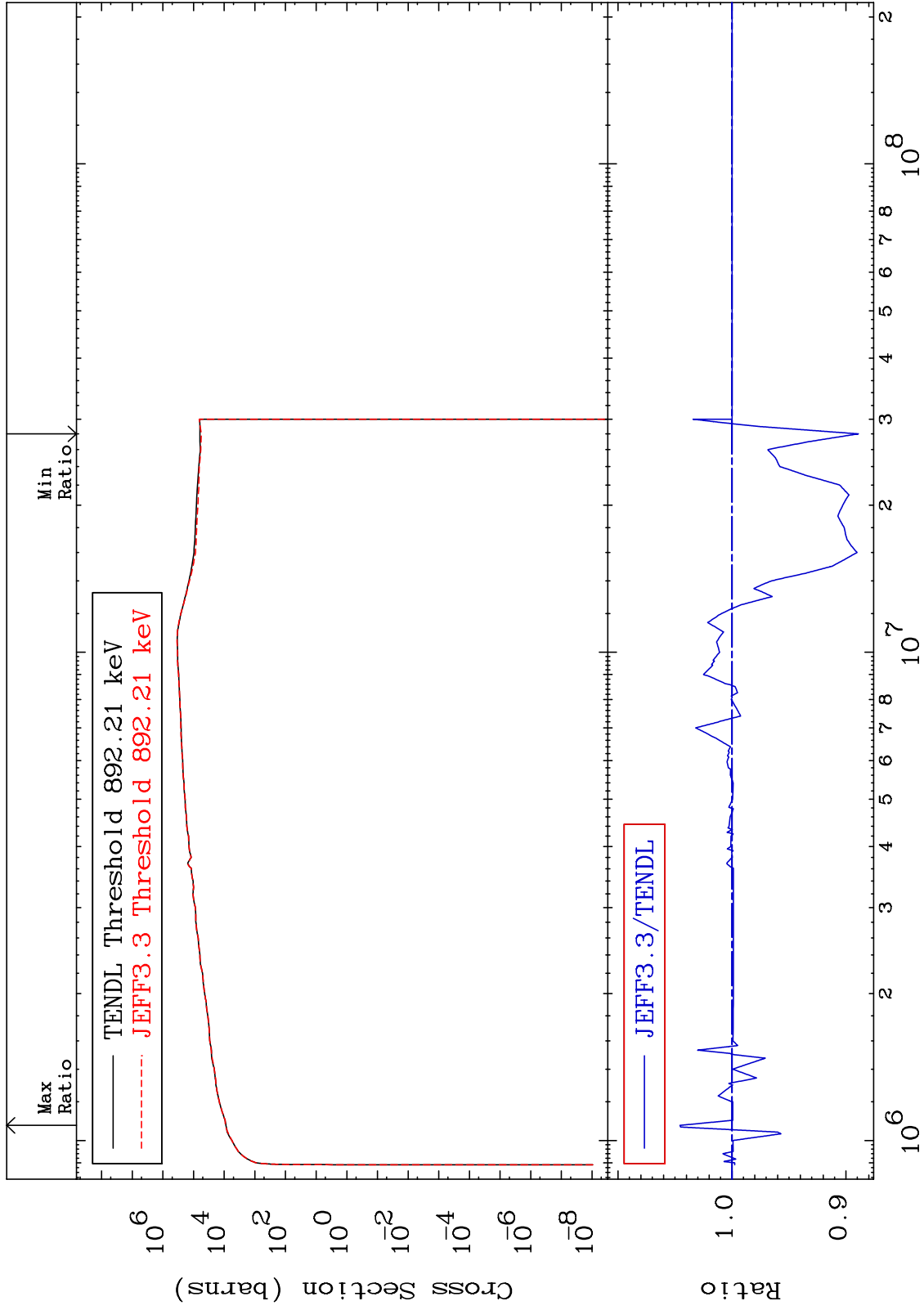
Incident Energy (eV)

36-Kr-84

MAT 3643

Kerma inelastic (mt51-91)
Cross Section

36-Kr-84
-11.09 To 4.560 %



66

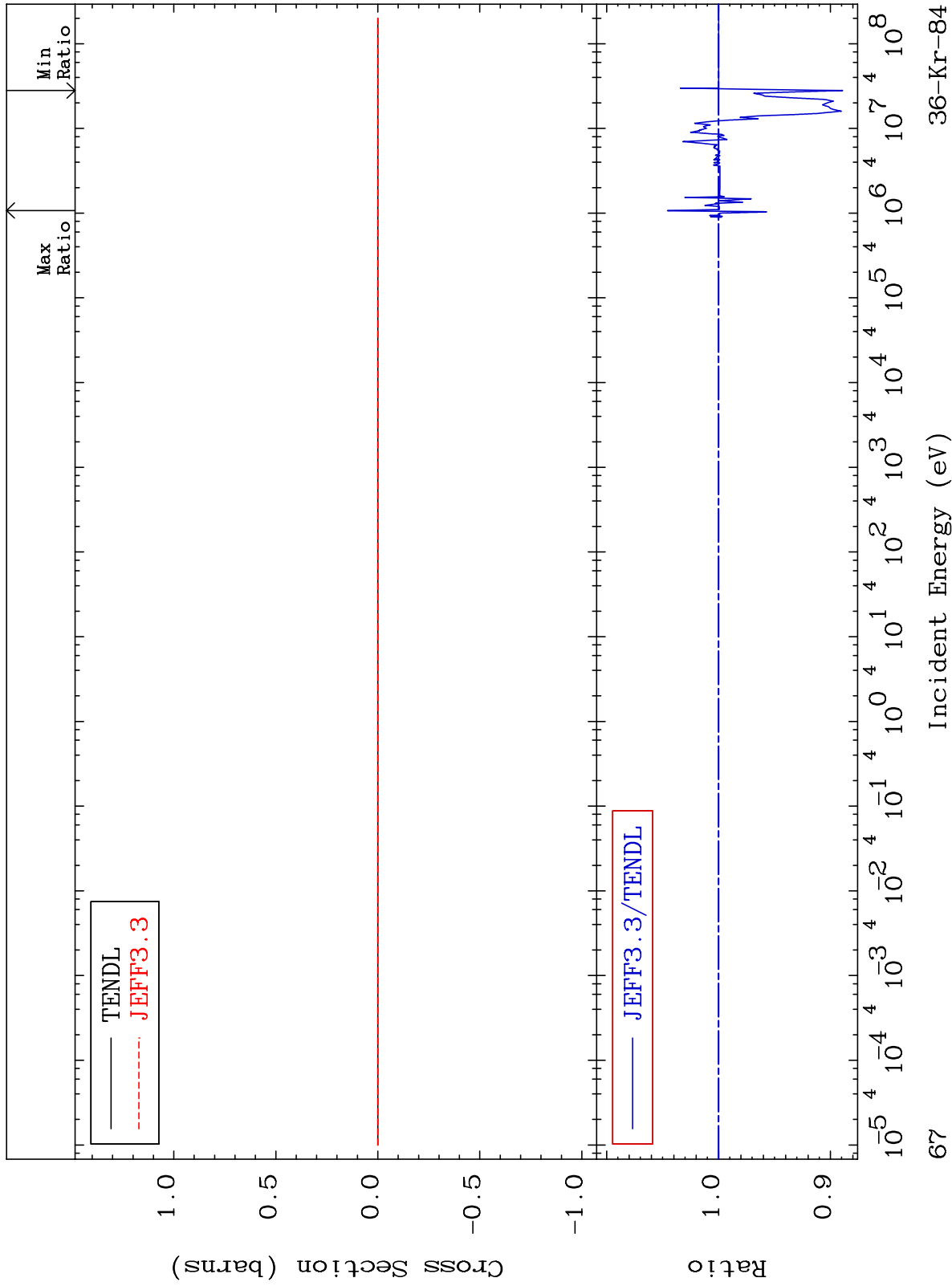
36-Kr-84

36-Kr-84

MAT 3643

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

36-Kr-84
-11.09 To 4.560 %



67

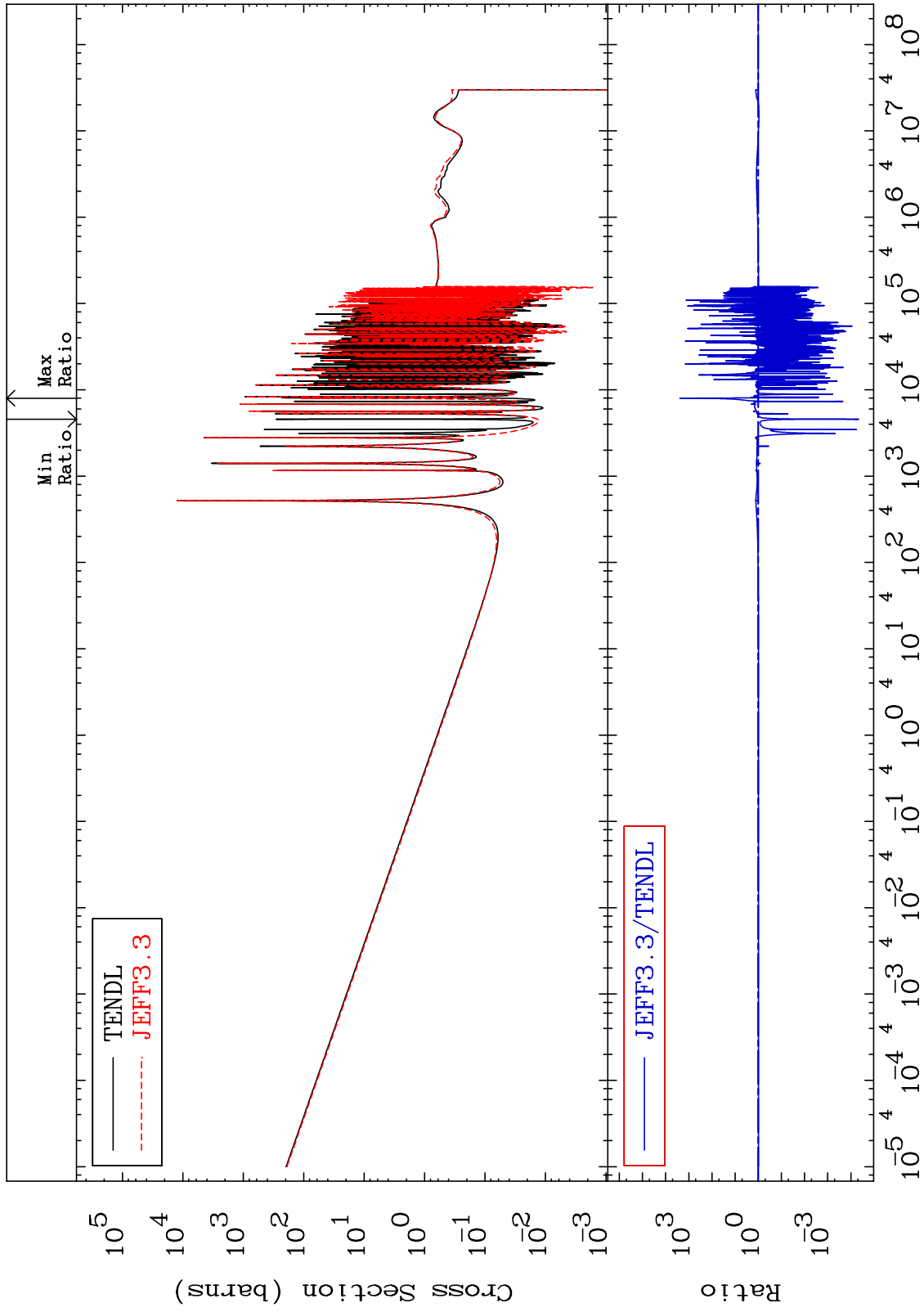
Incident Energy (eV)

36-Kr-84

MAT 3643

Kerma capture (mt102)
Cross Section

36-Kr-84
-100.0 To 9999. %



68

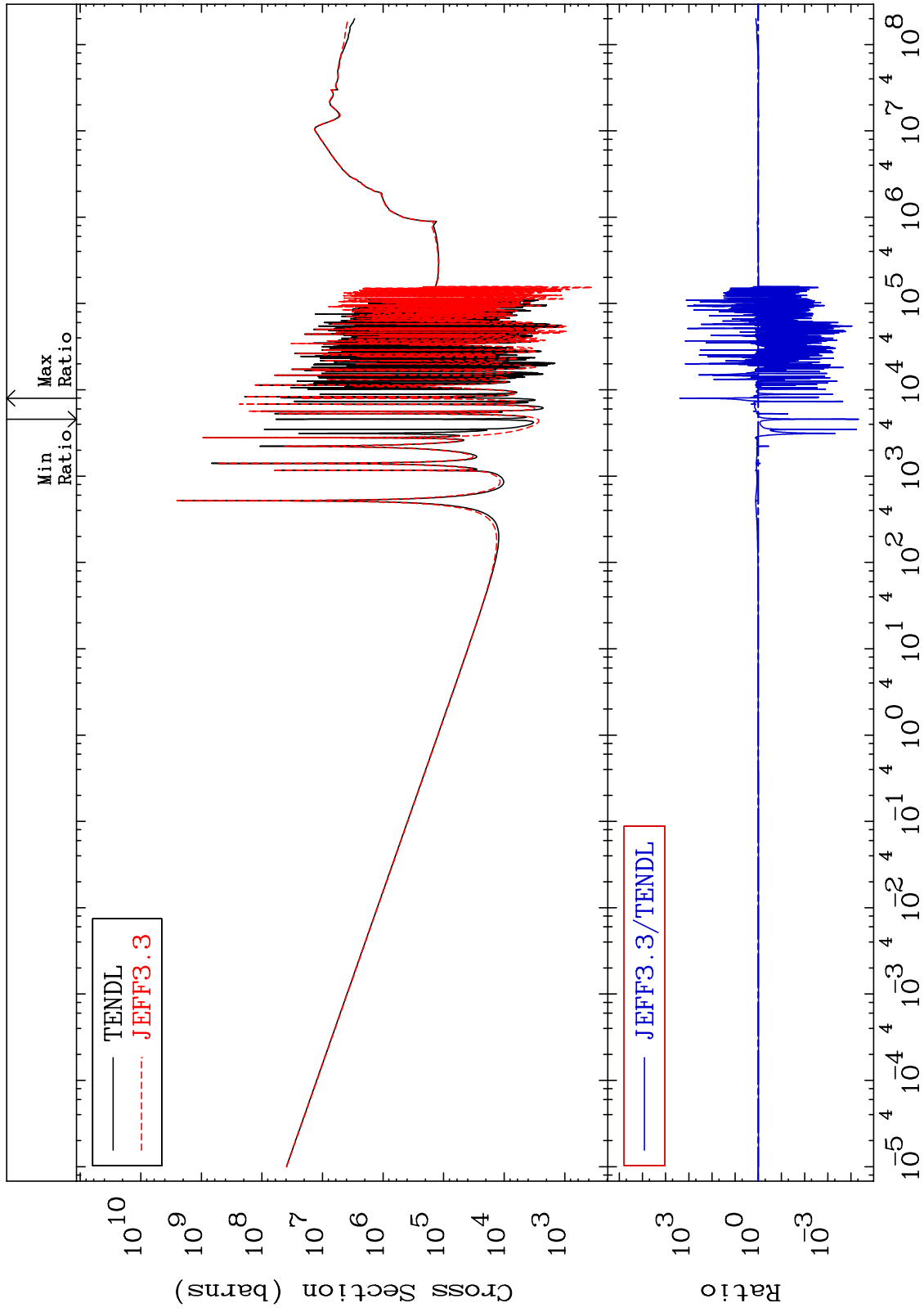
Incident Energy (eV)

36-Kr-84

MAT 3643

Total photon (eV-barns)
Cross Section

36-Kr-84
-100.0 To 9999. %



69

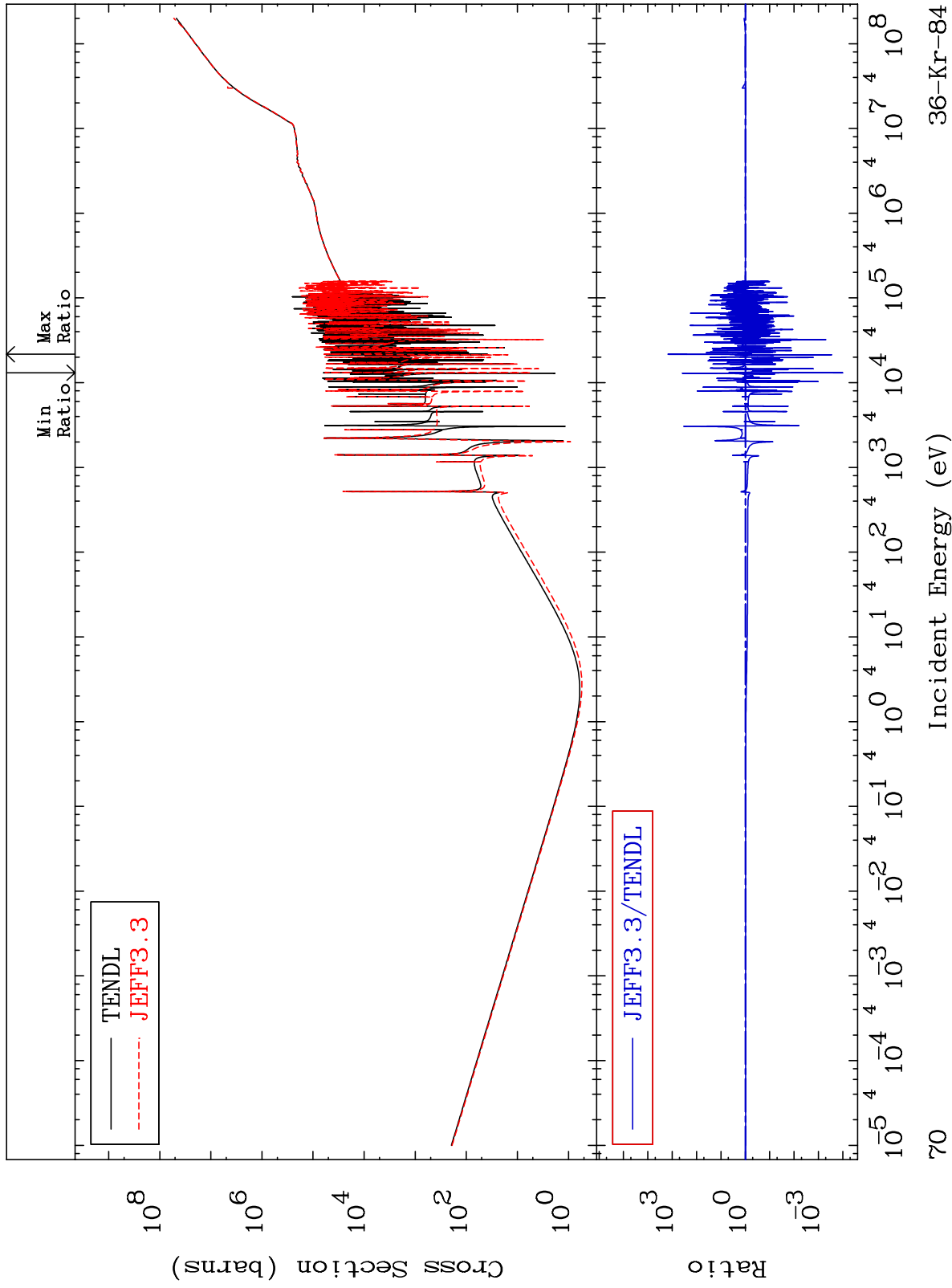
Incident Energy (eV)

36-Kr-84

MAT 3643

Total kinematic kerma (high limit)
Cross Section

36-Kr-84
-99.99 To 9999. %



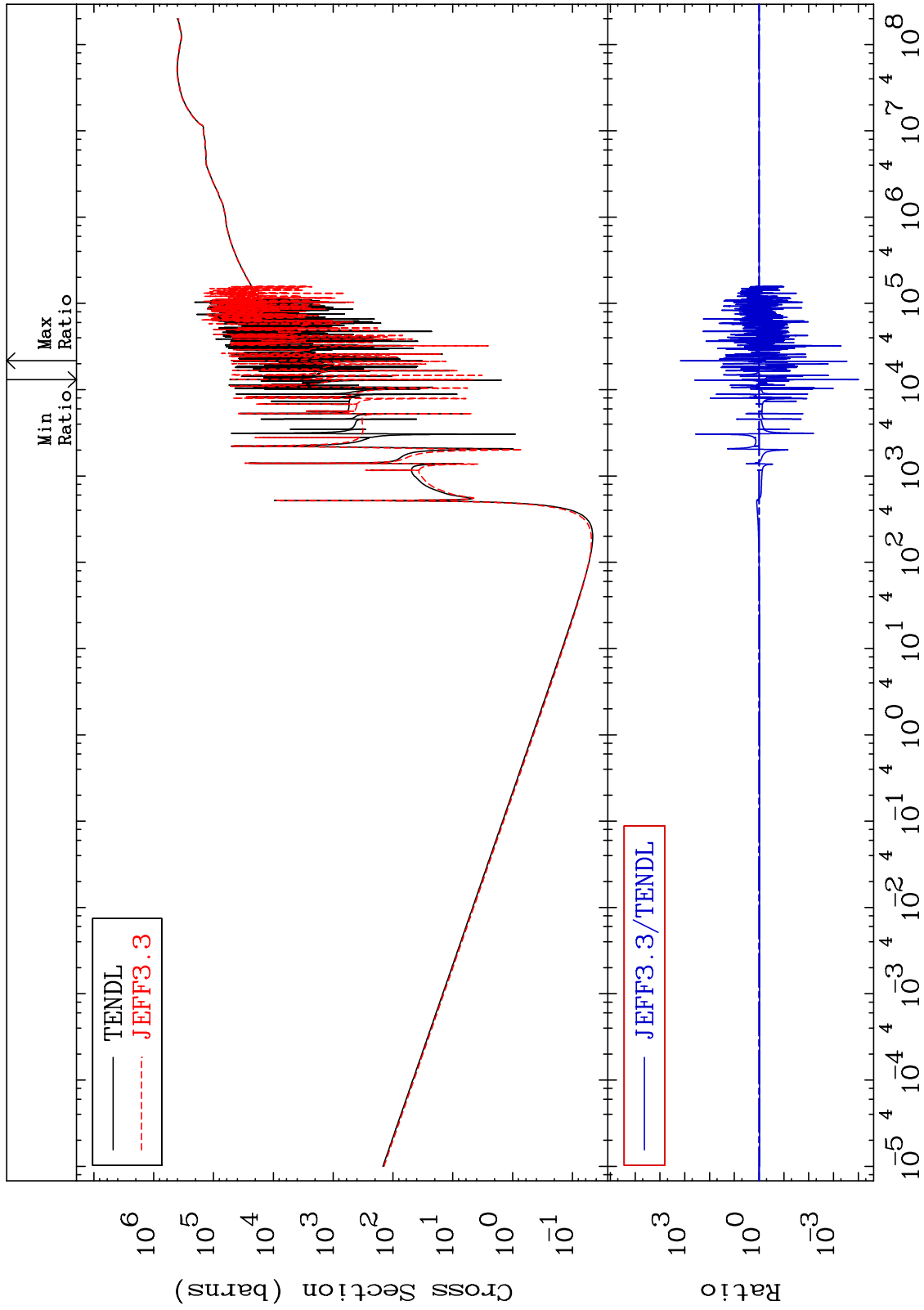
70

36-Kr-84

MAT 3643

Dpa total (eV-barns)
Cross Section

36-Kr-84
-99.99 To 9999. %



71

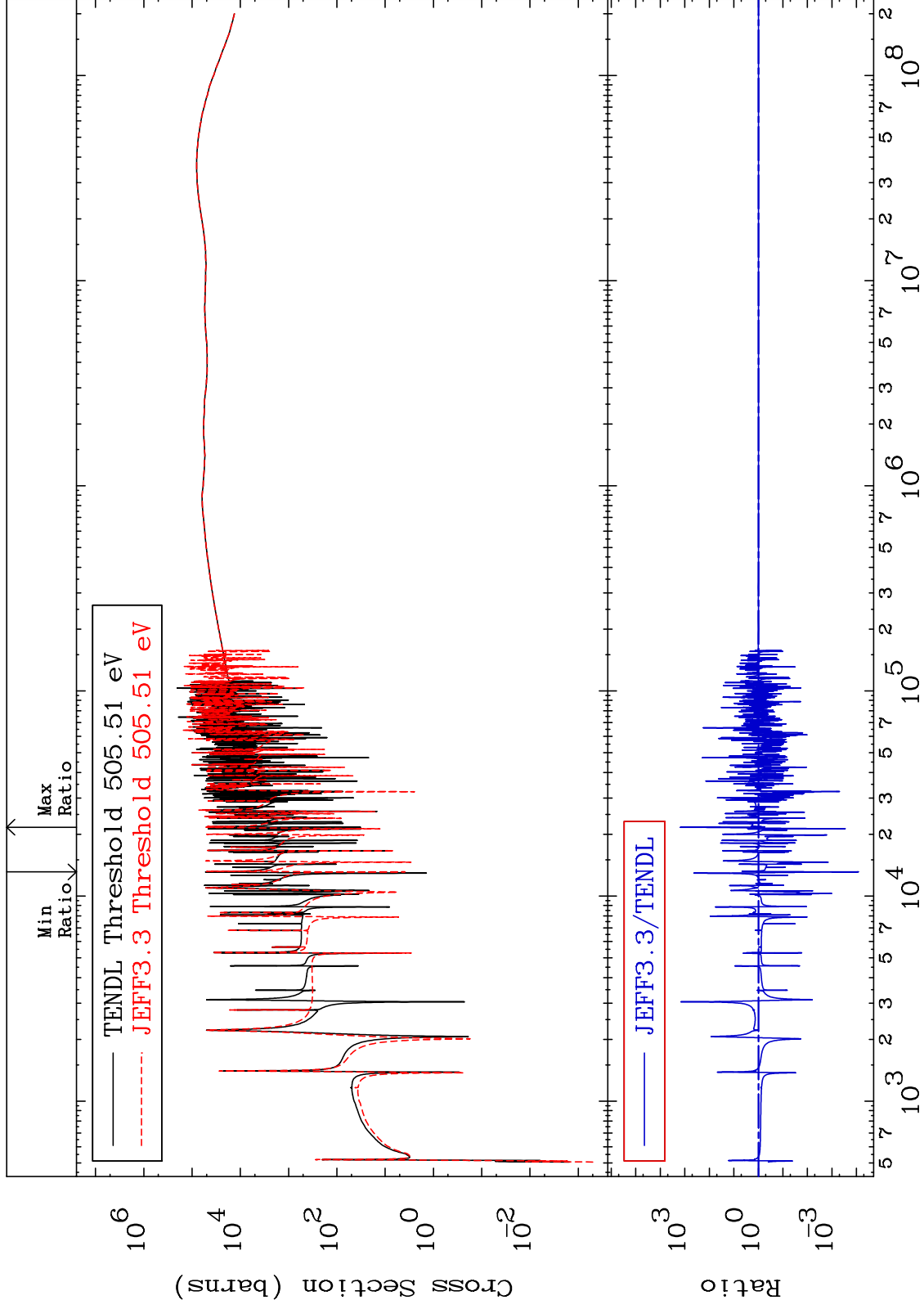
Incident Energy (eV)

36-Kr-84

MAT 3643

Dpa elastic (mt2)
Cross Section

36-Kr-84
-99.99 To 9999. %



72

Incident Energy (eV)

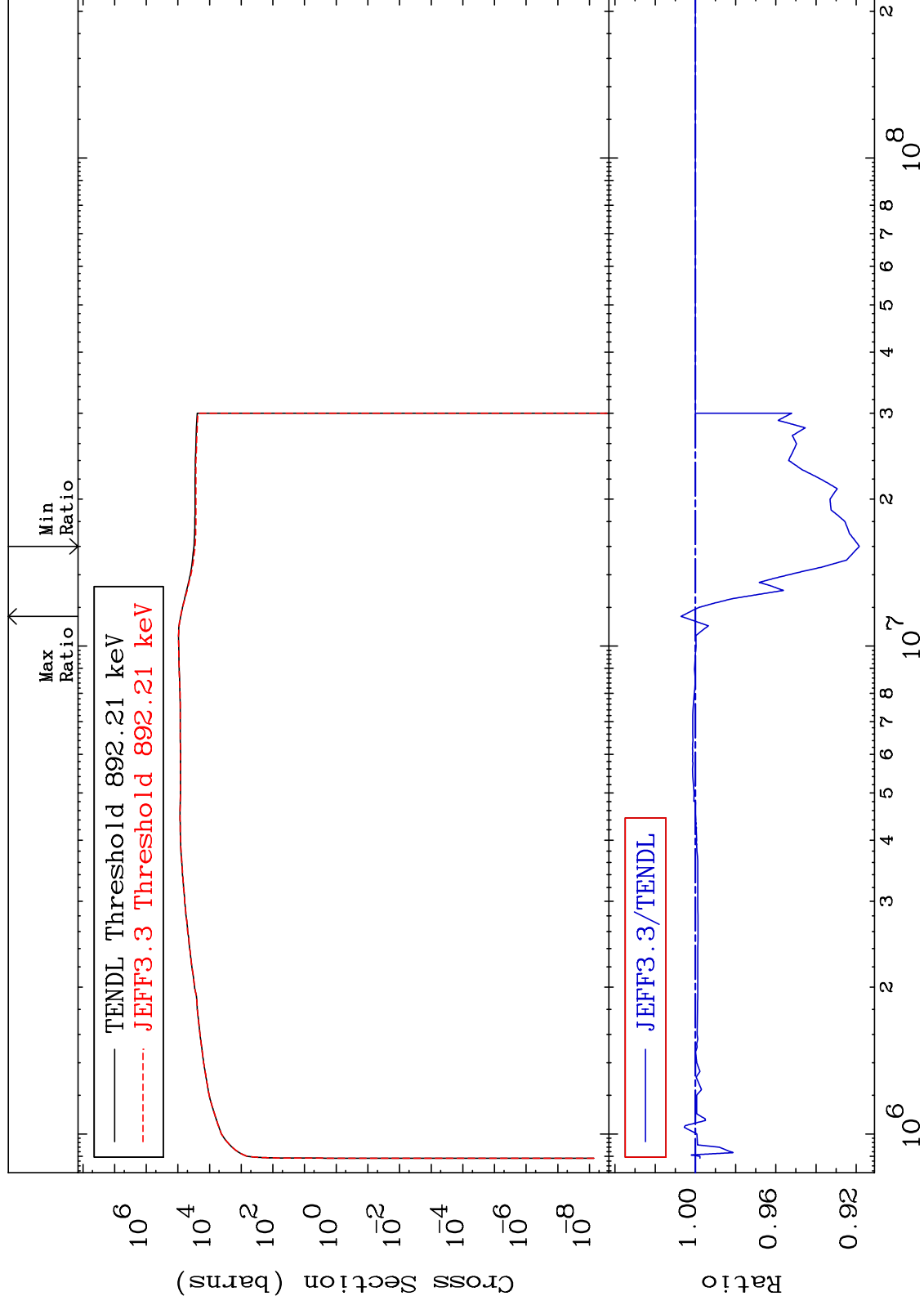
36-Kr-84

MAT 3643

Dpa inelastic (mt51-91)

36-Kr-84

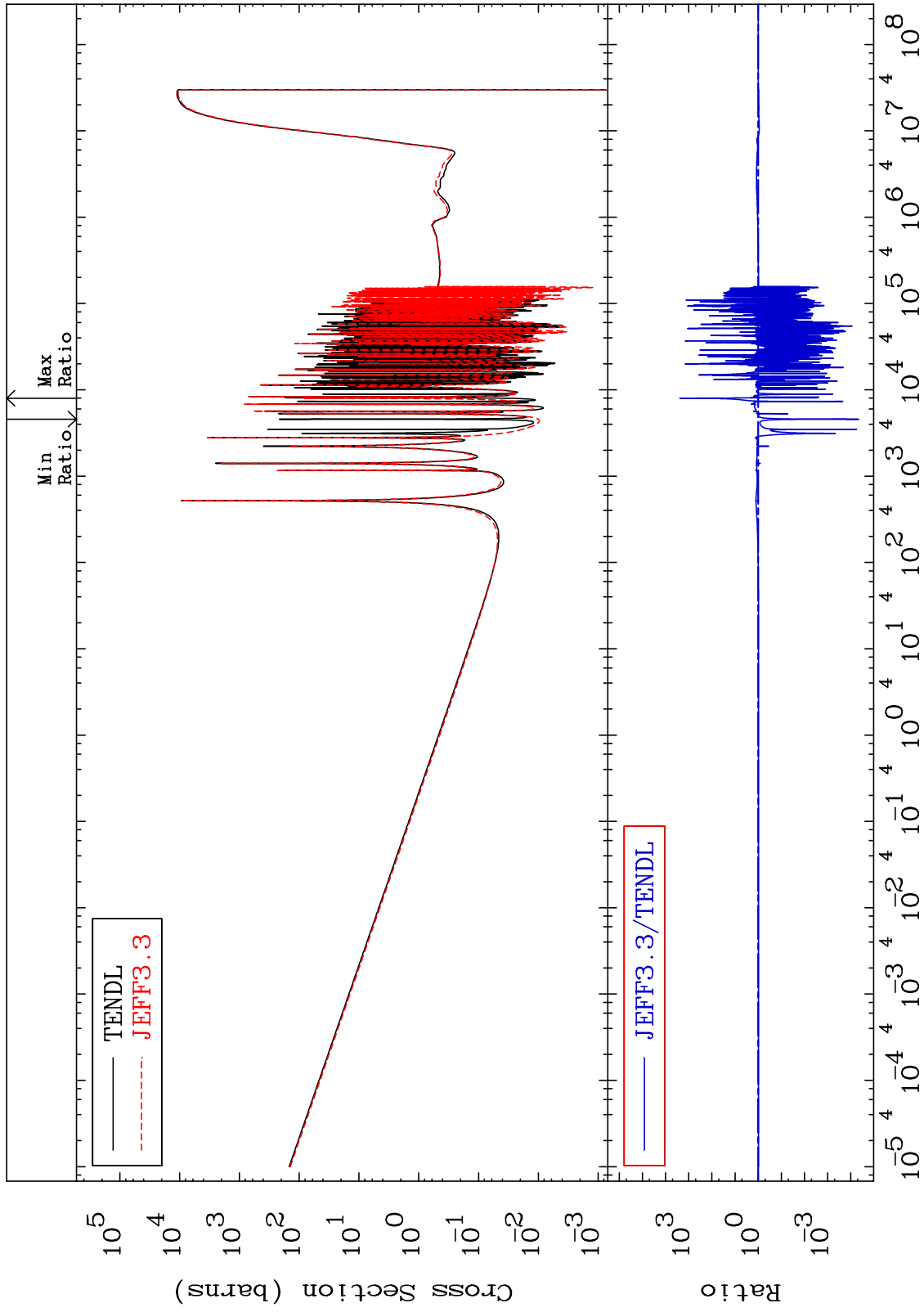
-8.152 To 0.714 %



MAT 3643

Dpa disappearance (mt102 -120)
Cross Section

36-Kr-84
-100.0 To 9999. %



74

Incident Energy (eV)

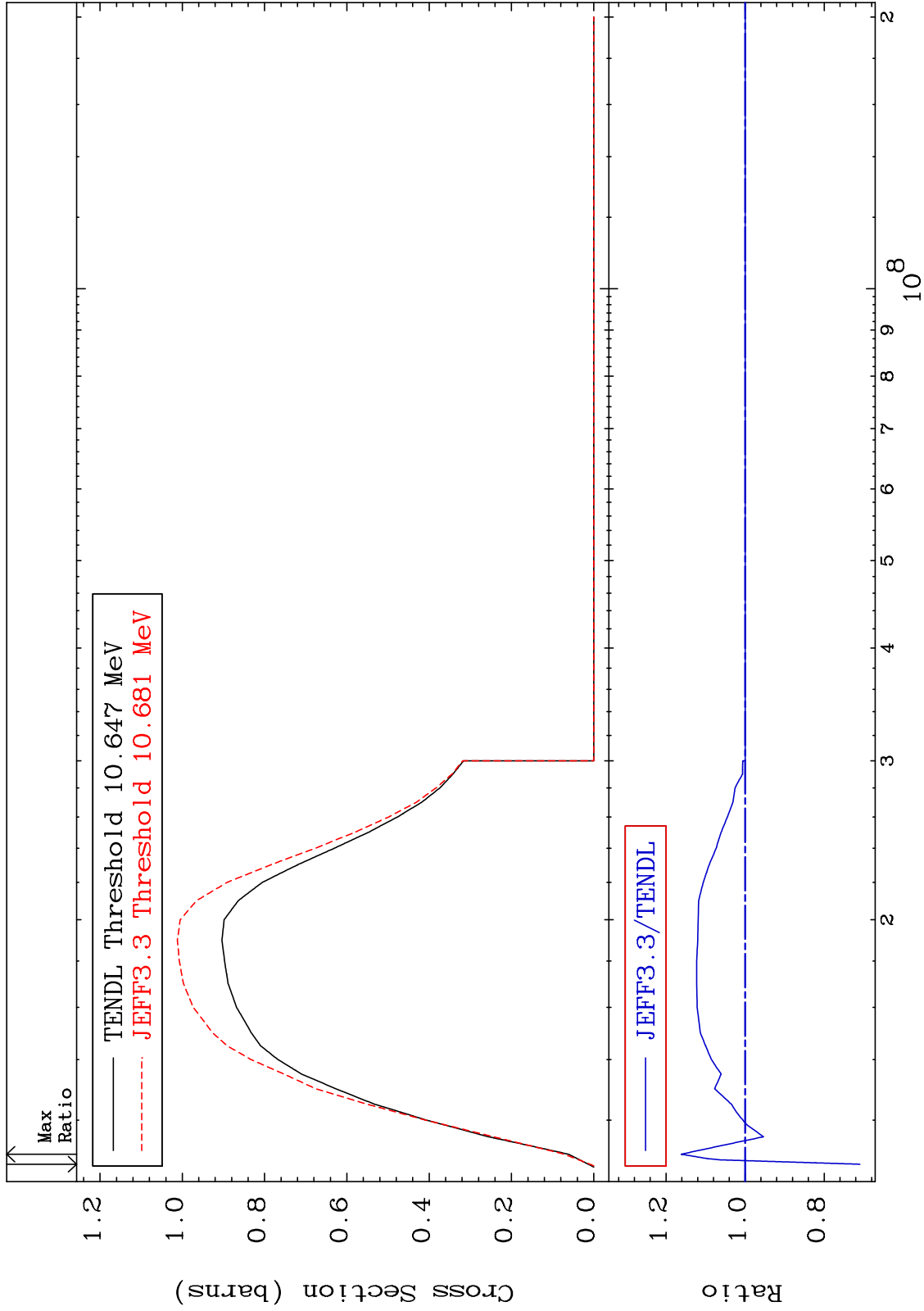
36-Kr-84

MAT 3643

(n,2n):36-Kr-83g

36-Kr-84

Radionuclide Production Cross Section -29.04 To 16.16 %



75

Incident Energy (eV)

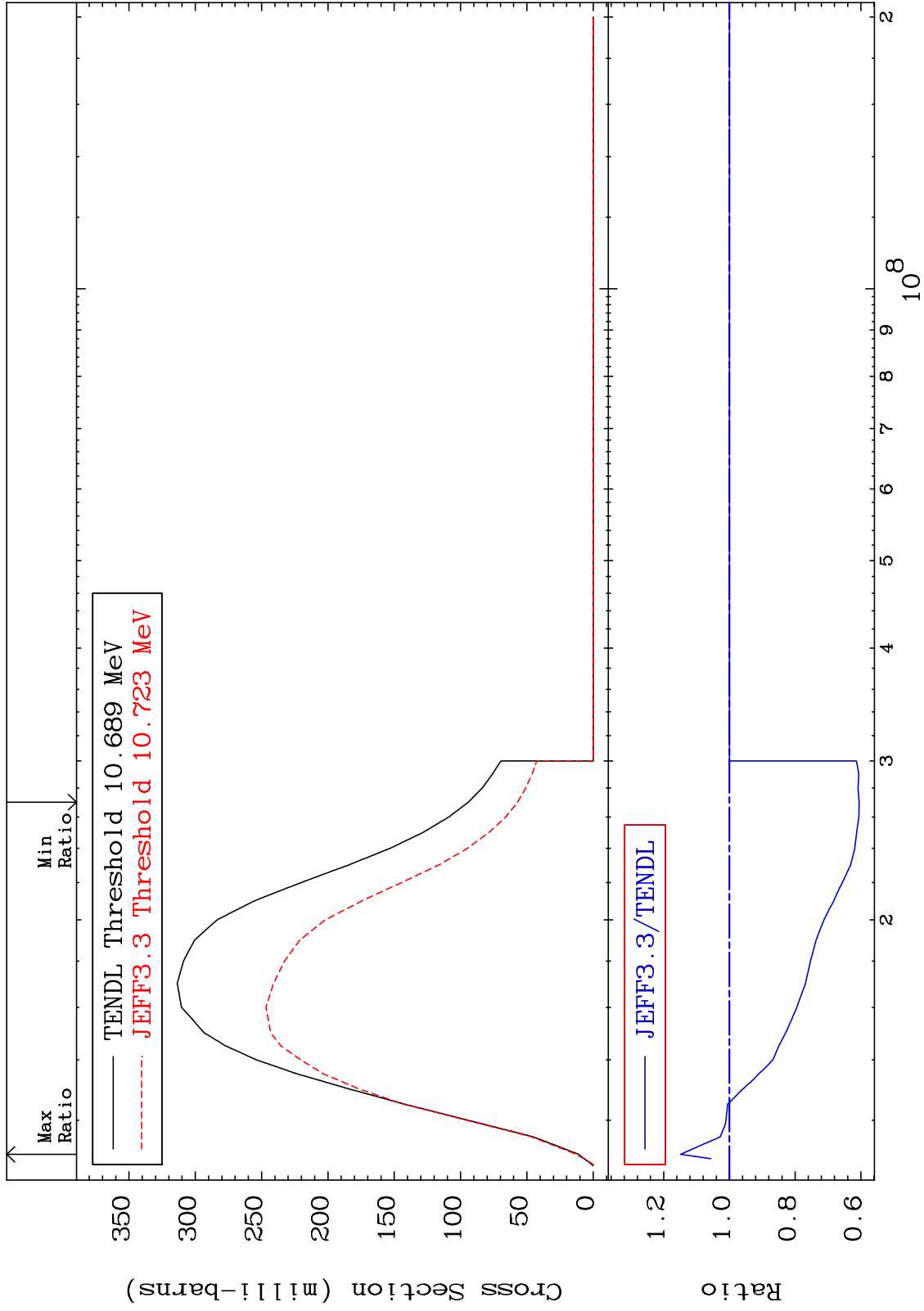
36-Kr-84

MAT 3643

(n,2n):36-Kr-83m2

36-Kr-84

Radionuclide Production Cross Section -39.49 To 14.84 %

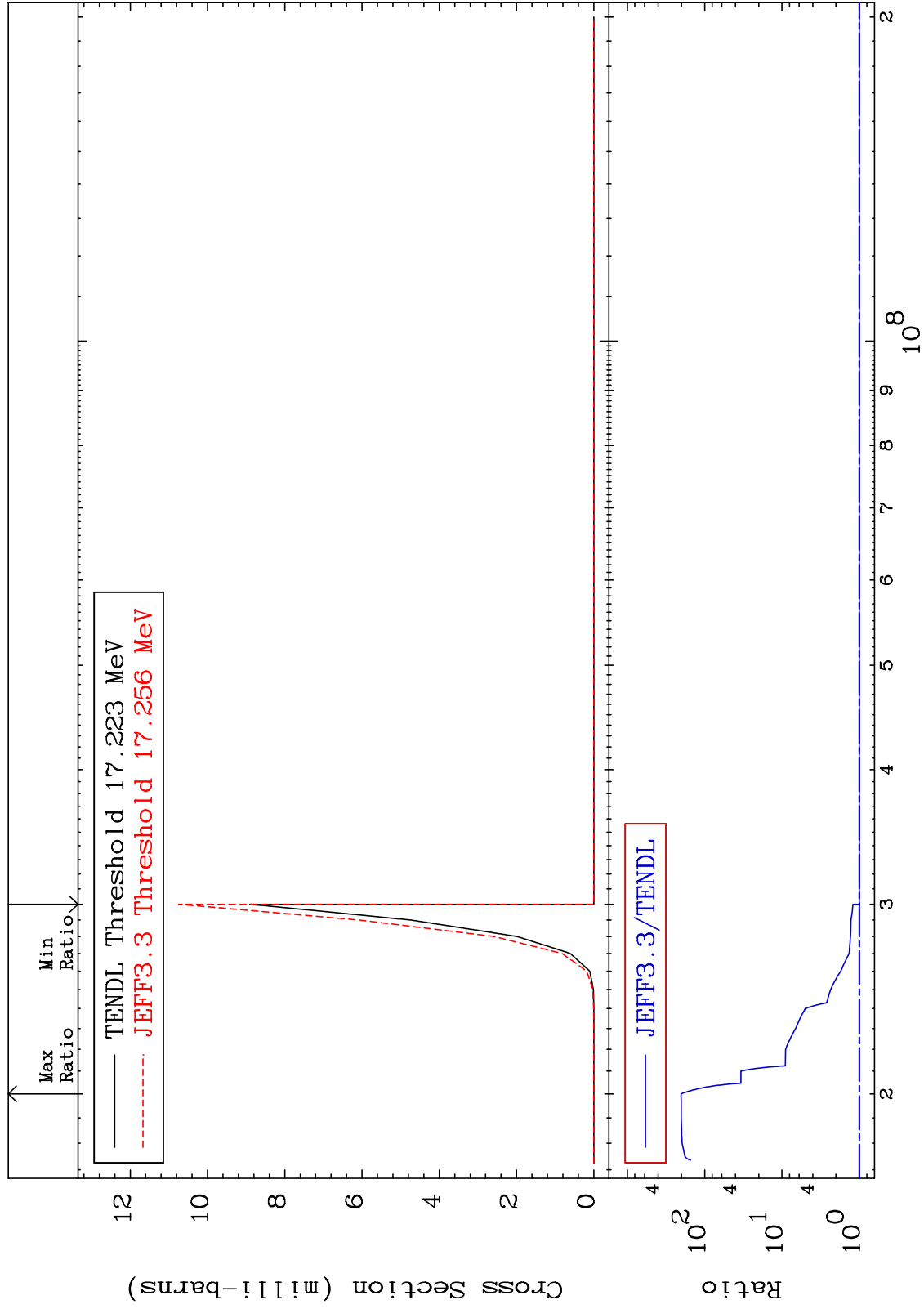


MAT 3643

(n,2n) α :34-Se-79g

36-Kr-84

Radionuclide Production Cross Section 0.000 To 9999. %

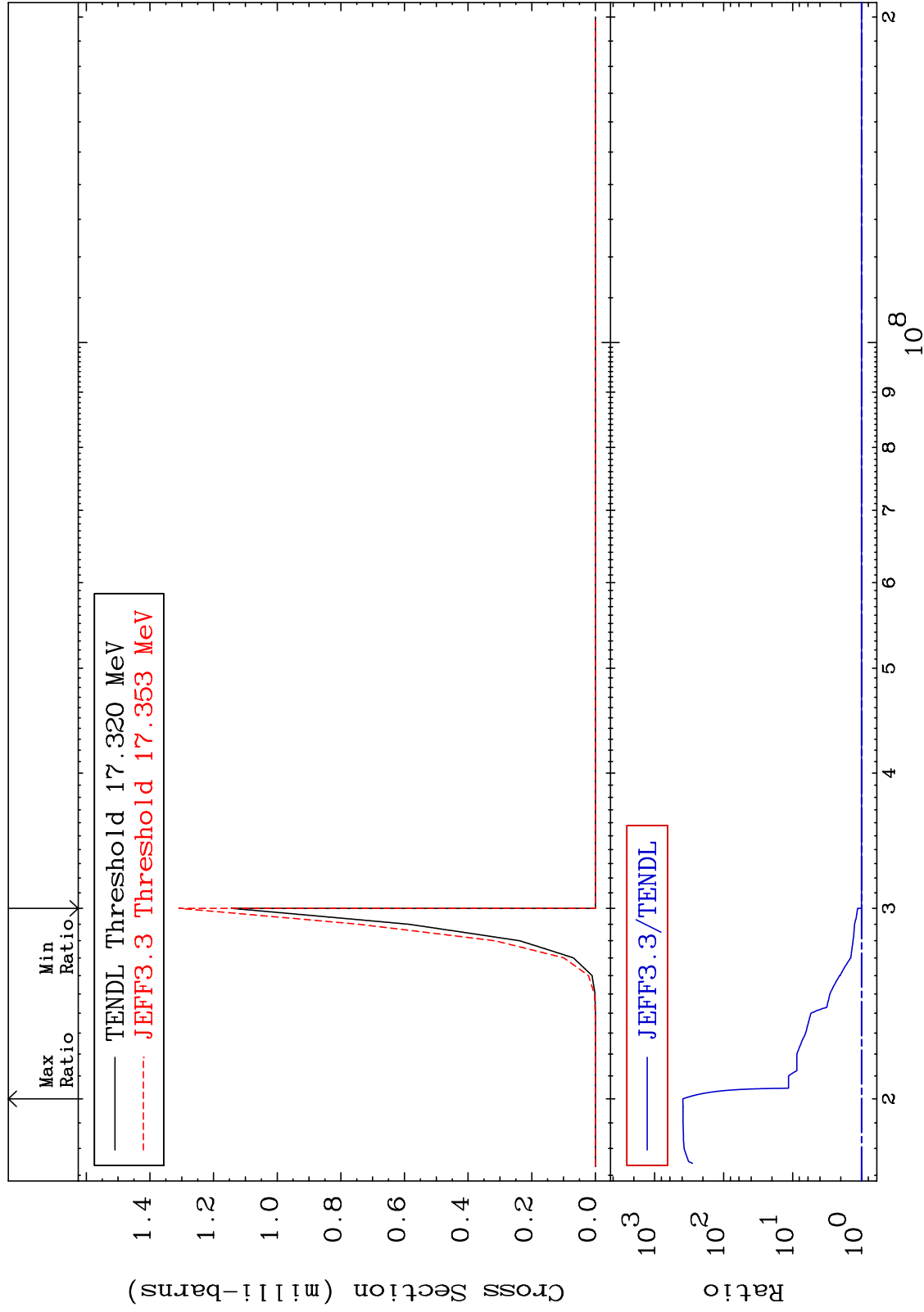


MAT 3643

(n,2n) α :34-Se-79m1

36-Kr-84

Radionuclide Production Cross Section 0.000 To 9999. %



78

Incident Energy (eV)

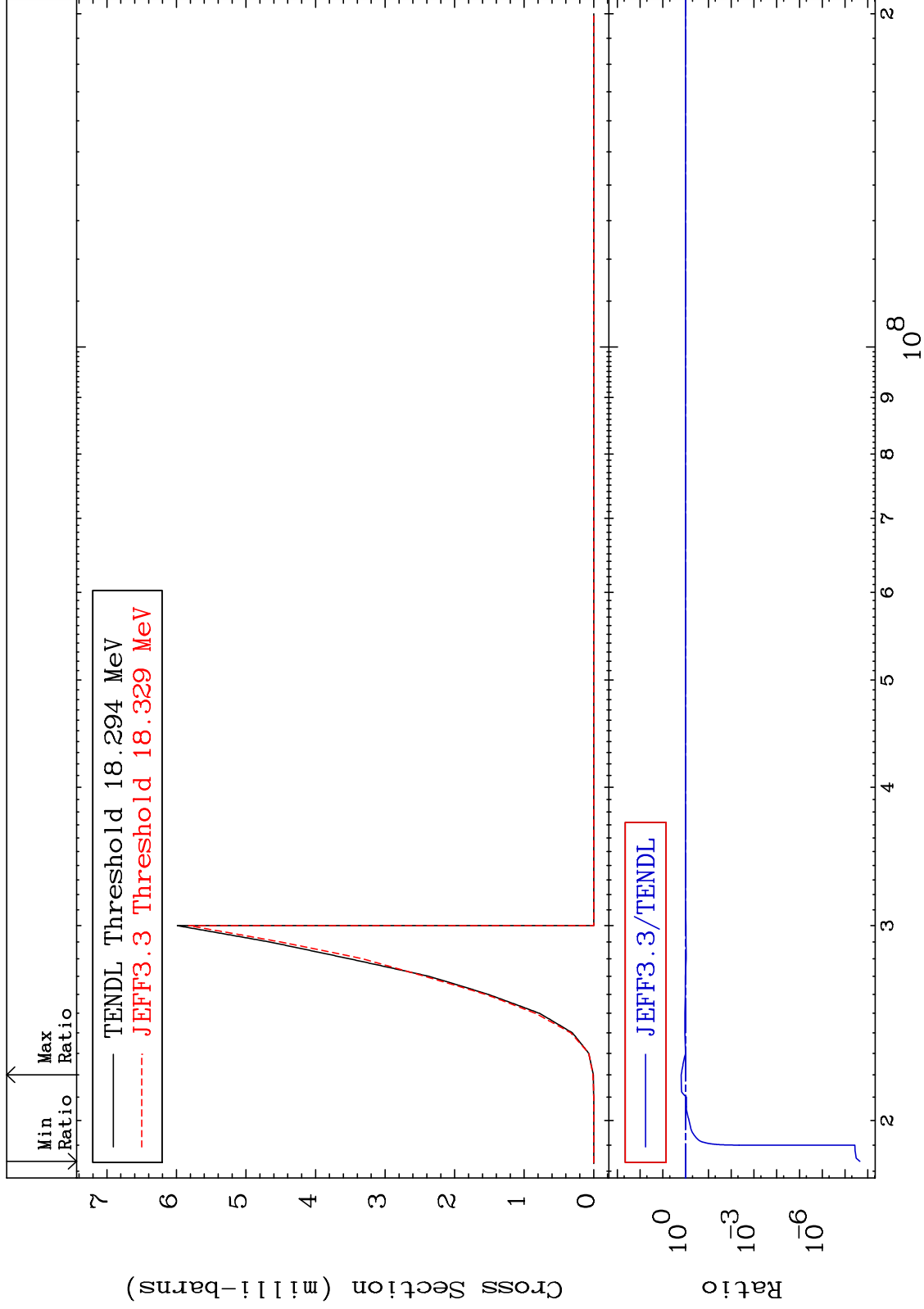
36-Kr-84

MAT 3643

(n, n') d:35-Br-82g

36-Kr-84

Radionuclide Production Cross Section -100.0 To 56.05 %



79

Incident Energy (eV)

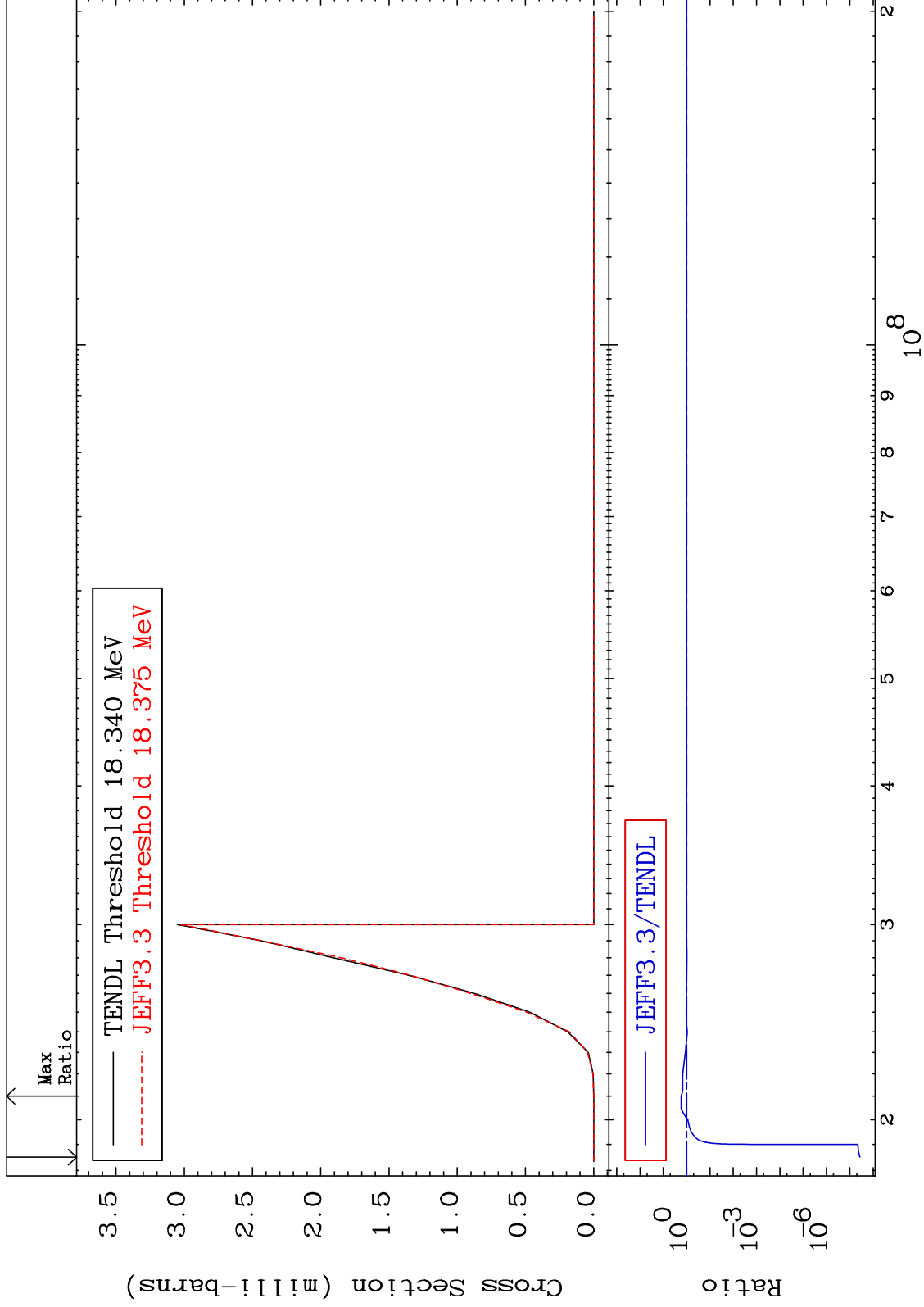
36-Kr-84

MAT 3643

(n, n') d:35-Br-82m1

36-Kr-84

Radionuclide Production Cross Section -100.0 To 70.14 %



80

Incident Energy (eV)

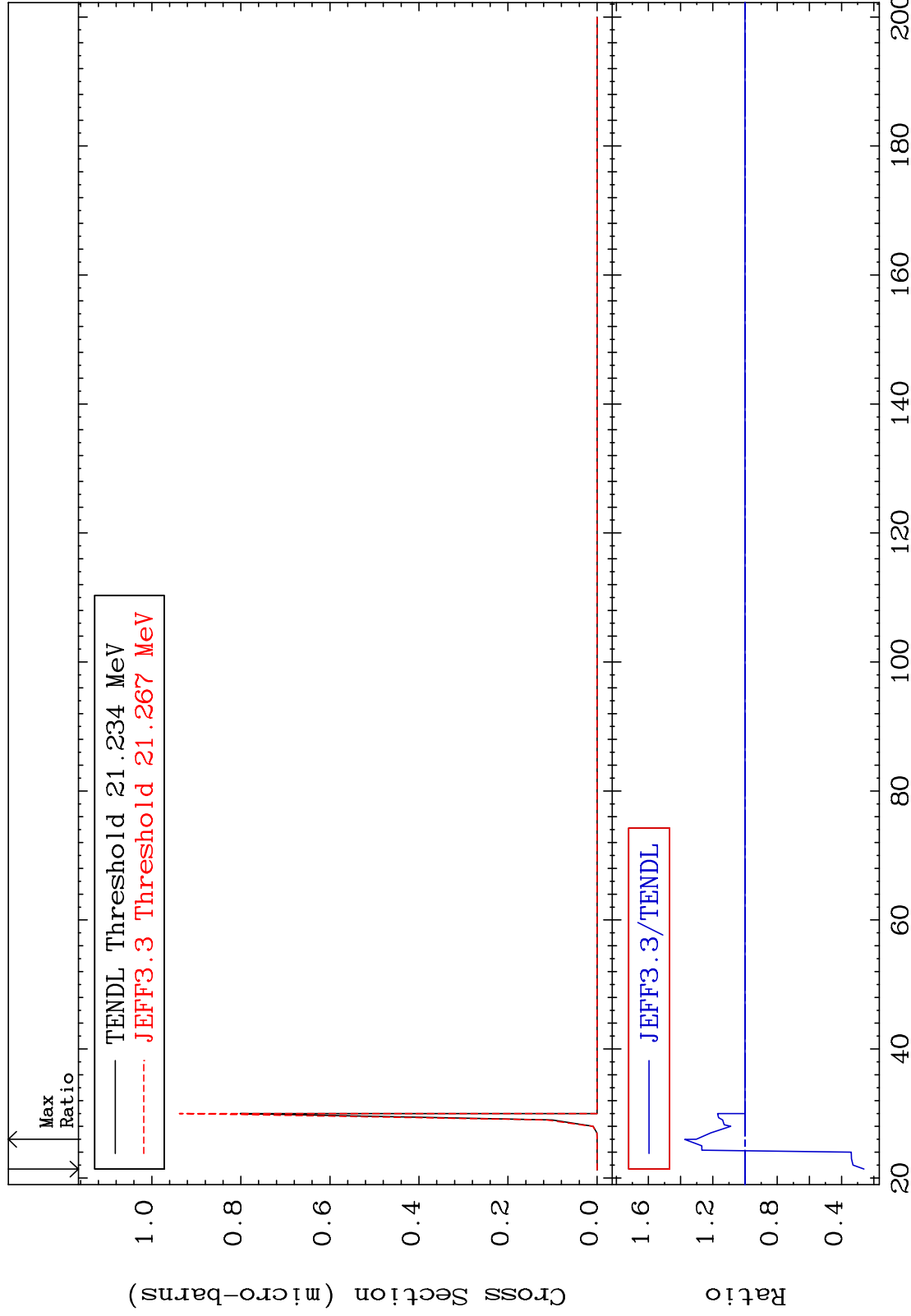
36-Kr-84

MAT 3643

36-Kr-84

(n, n') He-3:34-Se-81g

Radionuclide Production Cross Section -73.93 To 37.42 %



81

Incident Energy (MeV)

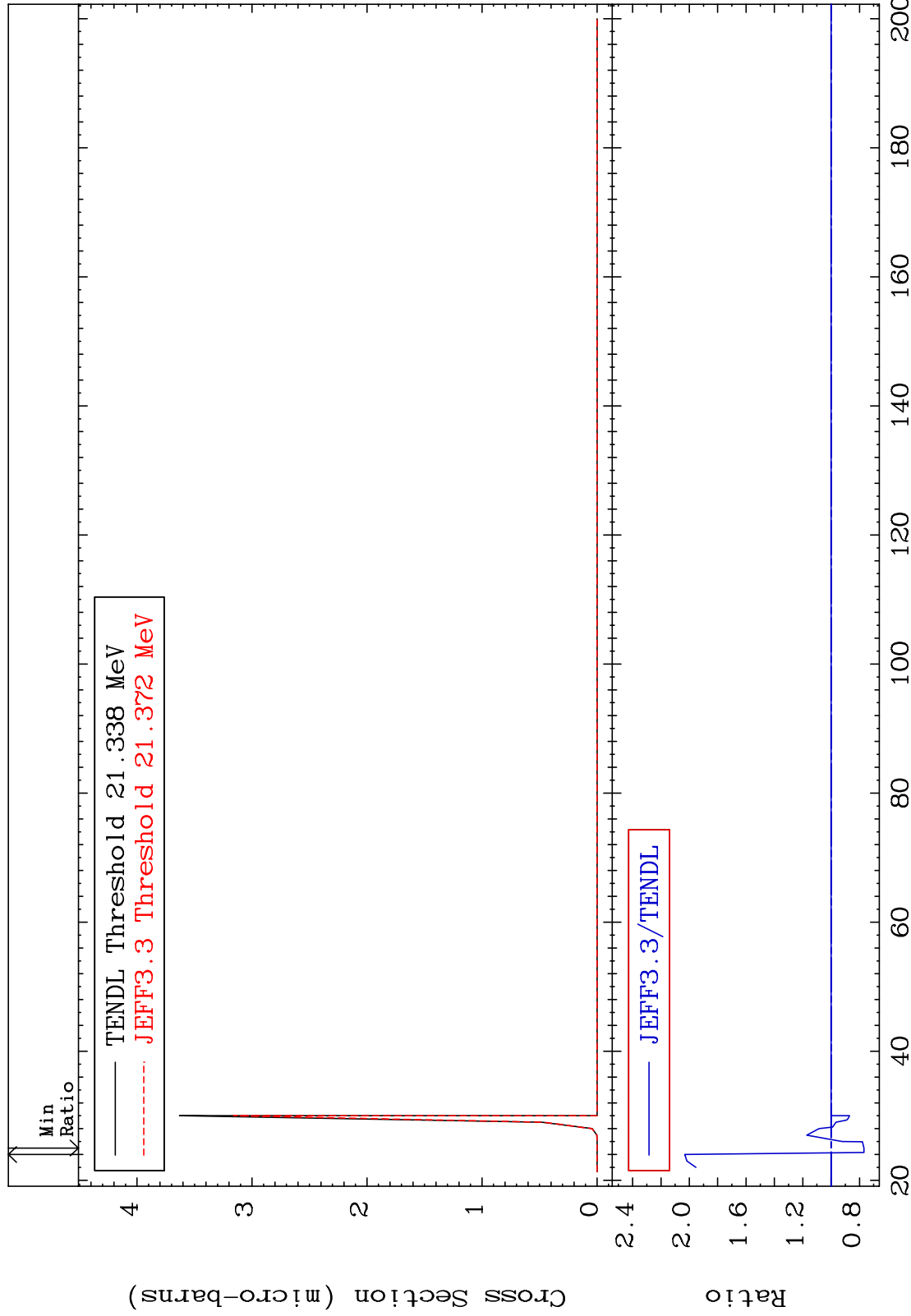
36-Kr-84

MAT 3643

(n, n') He-3:34-Se-81m1

36-Kr-84

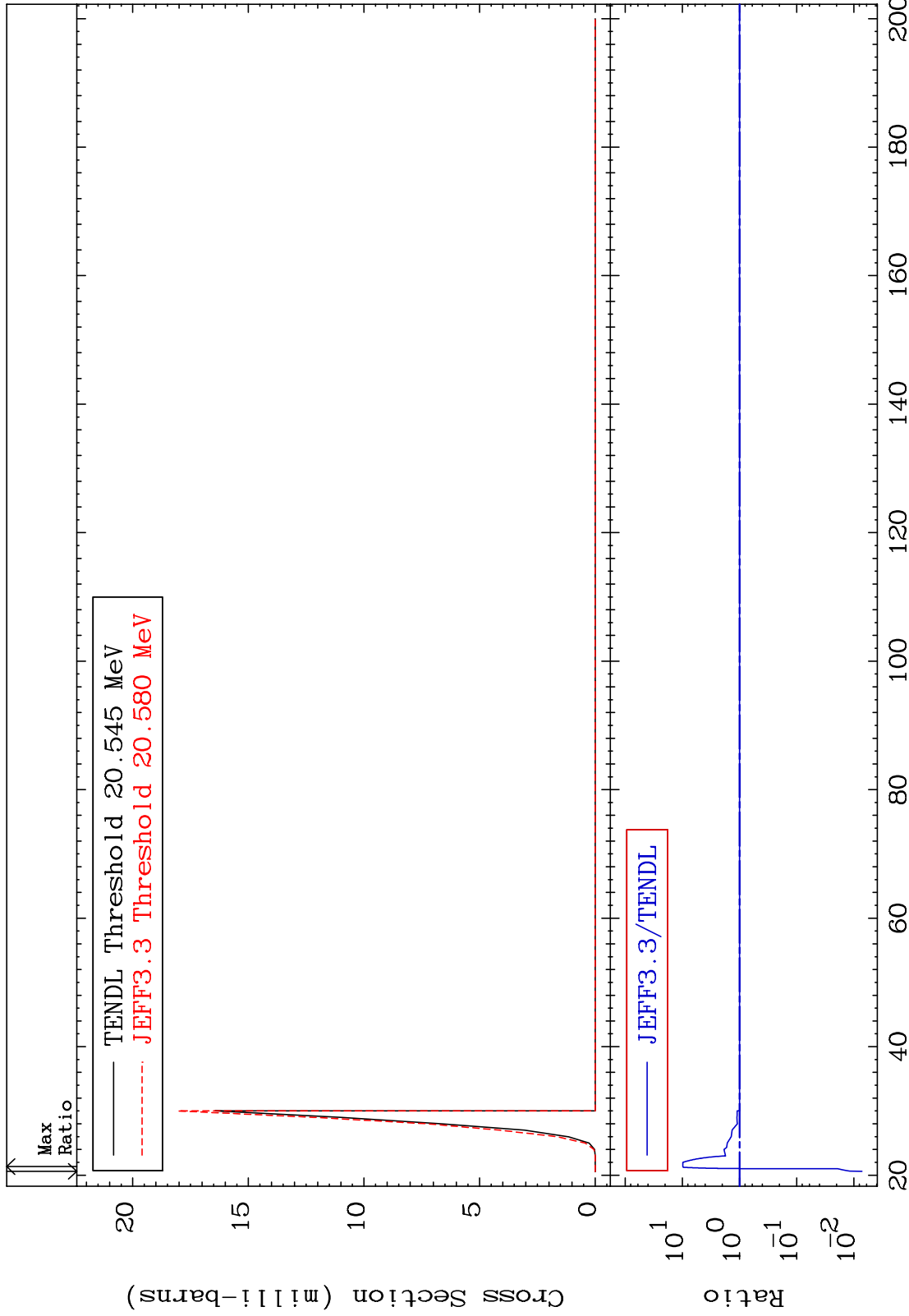
Radionuclide Production Cross Section -23.19 To 103.2 %



82

Incident Energy (MeV)

36-Kr-84

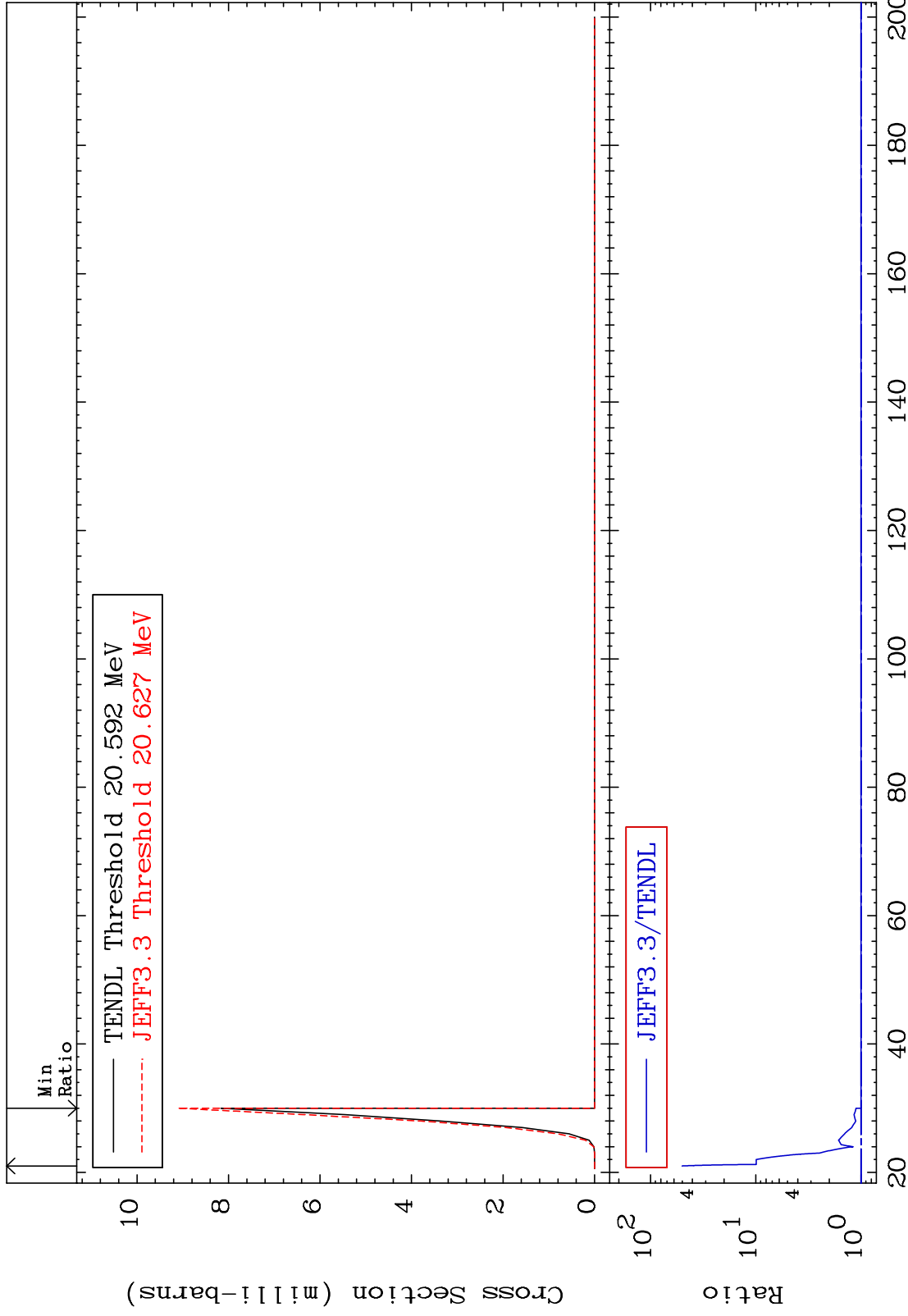


MAT 3643

(n,2n) p:35-Br-82m1

36-Kr-84

Radionuclide Production Cross Section 0.000 To 4912. %

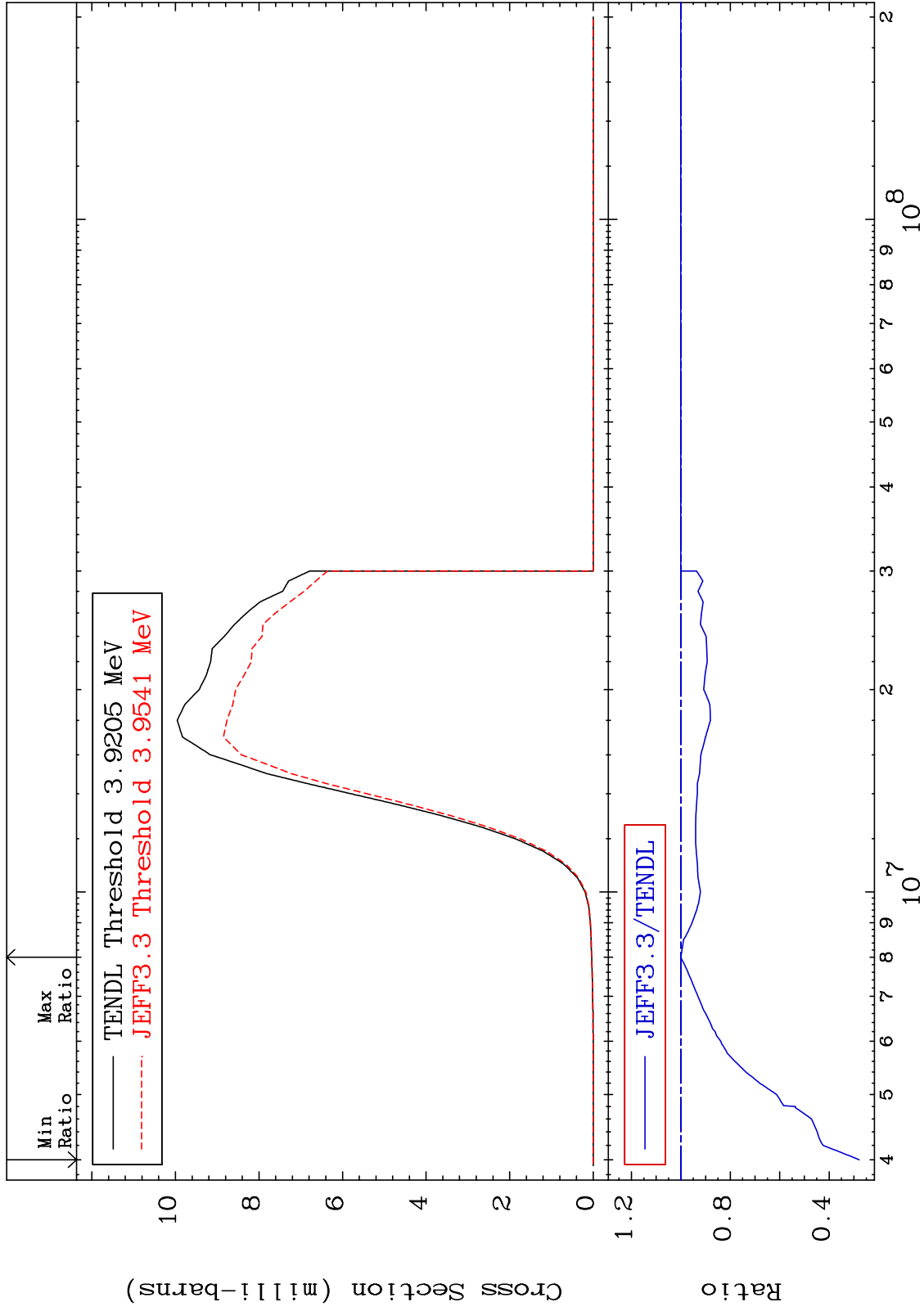


MAT 3643

(n, p) : 35-Br-84g

36-Kr-84

Radionuclide Production Cross Section -72.15 To 0.100 %



85

Incident Energy (eV)

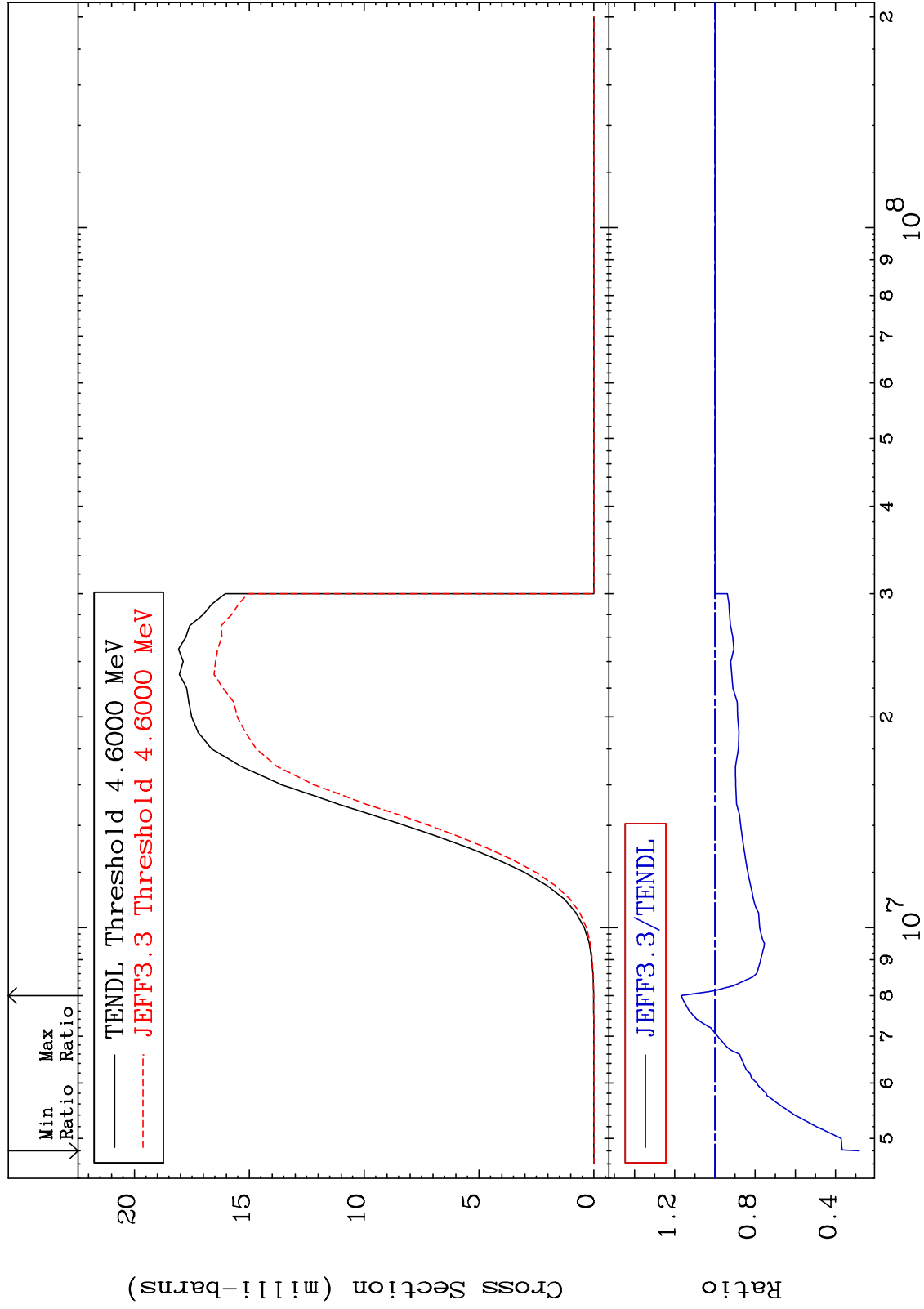
36-Kr-84

MAT 3643

(n,p):35-Br-84m1

36-Kr-84

Radionuclide Production Cross Section -71.80 To 16.85 %

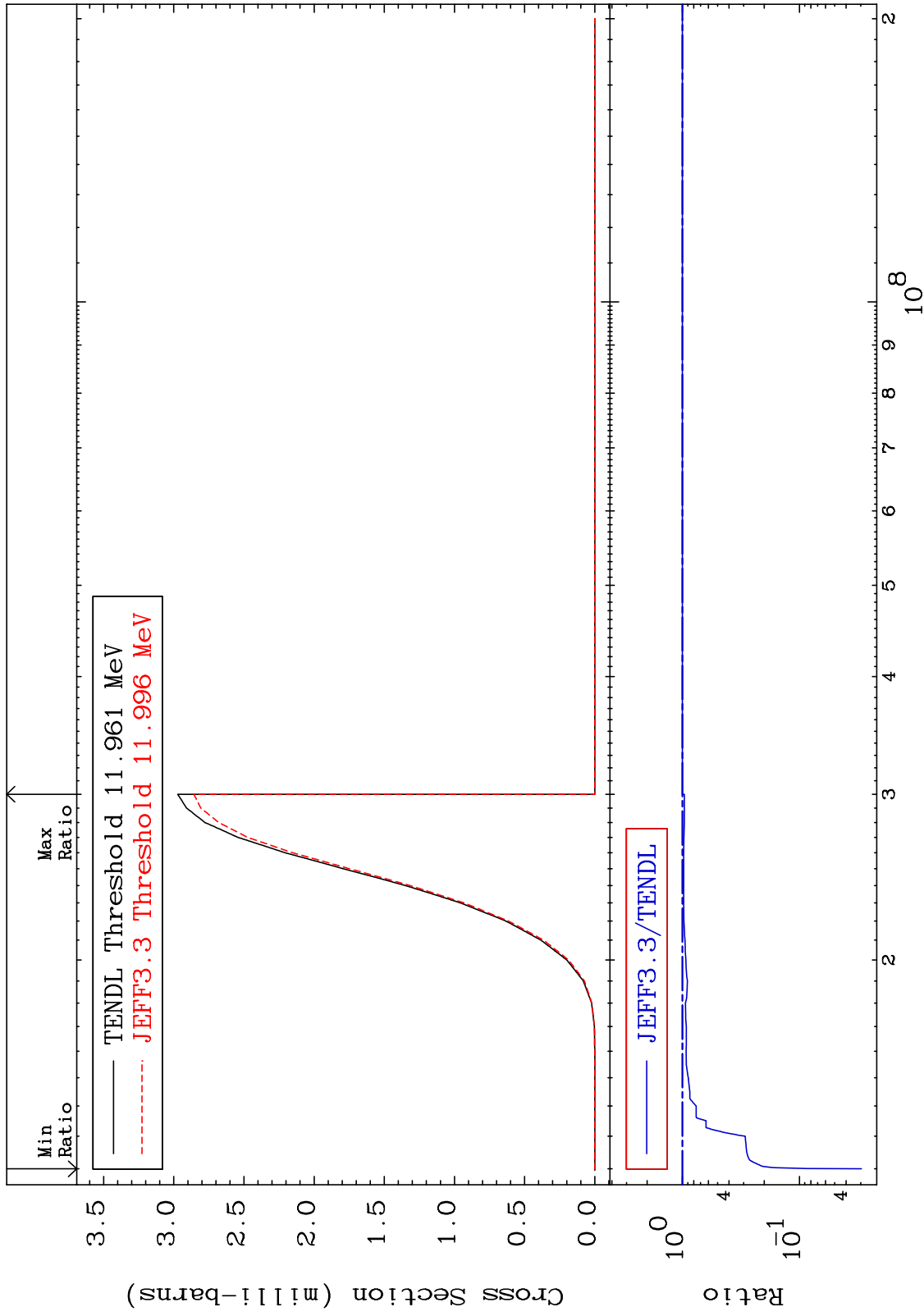


MAT 3643

³⁶Kr-84

(n, t) : ³⁵Br-82g

Radionuclide Production Cross Section -97.05 To 0.000 %

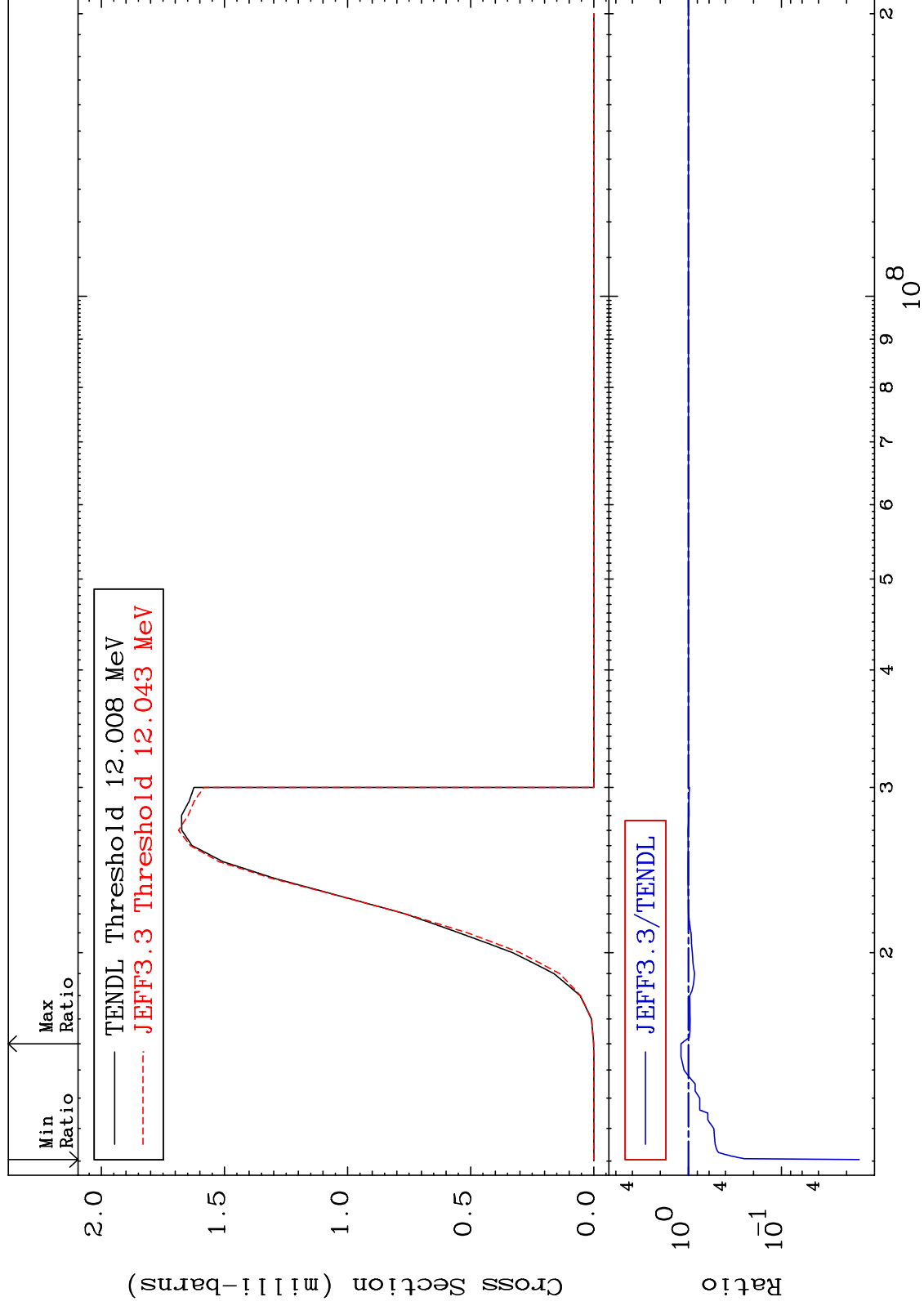


MAT 3643

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

36-Kr-84

Radionuclide Production Cross Section -98.54 To 19.84 %



88

Incident Energy (eV)

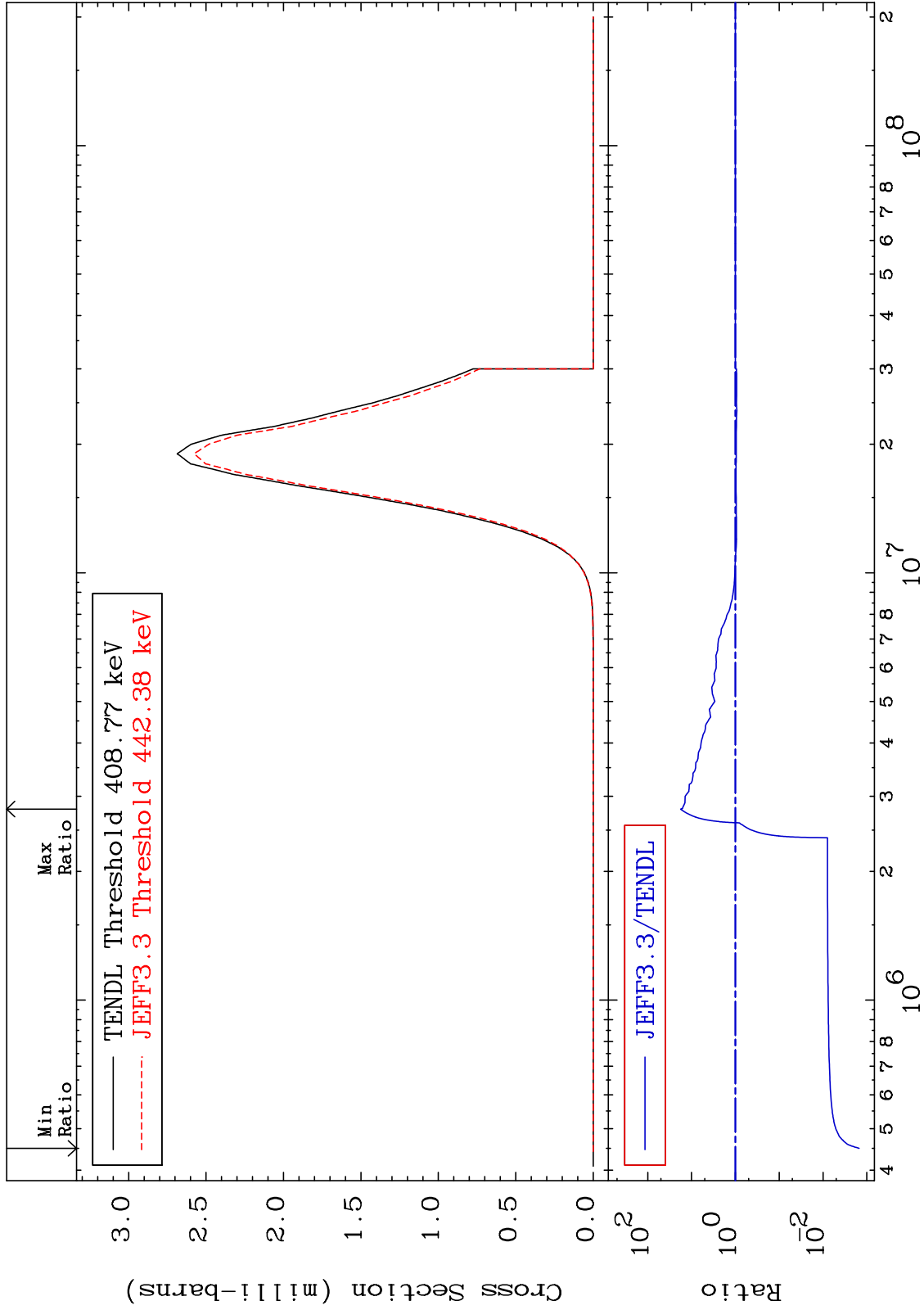
36-Kr-84

MAT 3643

(n, α): 34-Se-81g

36-Kr-84

Radionuclide Production Cross Section -99.85 To 1677. %



89

Incident Energy (eV)

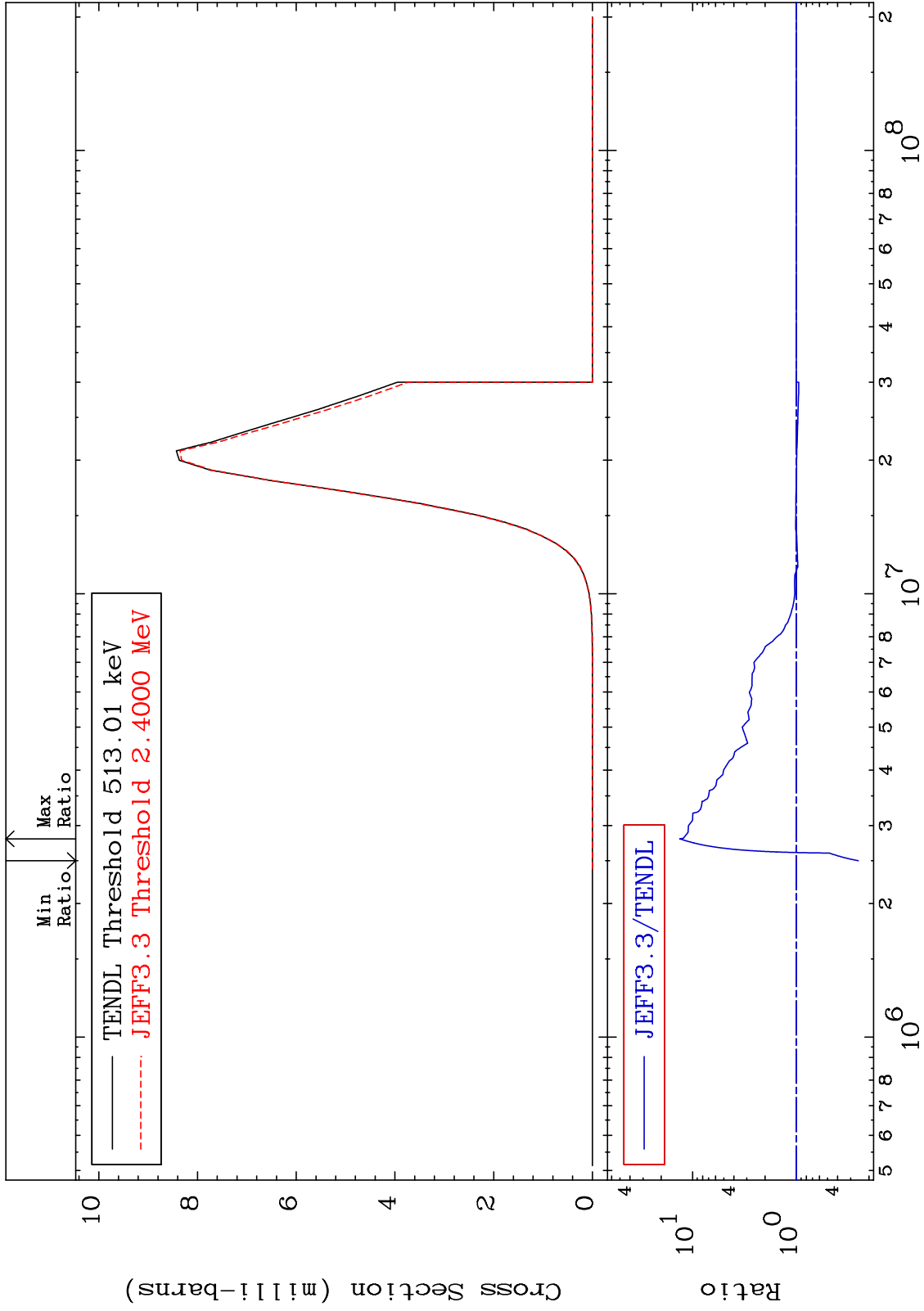
36-Kr-84

MAT 3643

(n, α): 34-Se-81m1

36-Kr-84

Radionuclide Production Cross Section -74.72 To 1226. %



90

Incident Energy (eV)

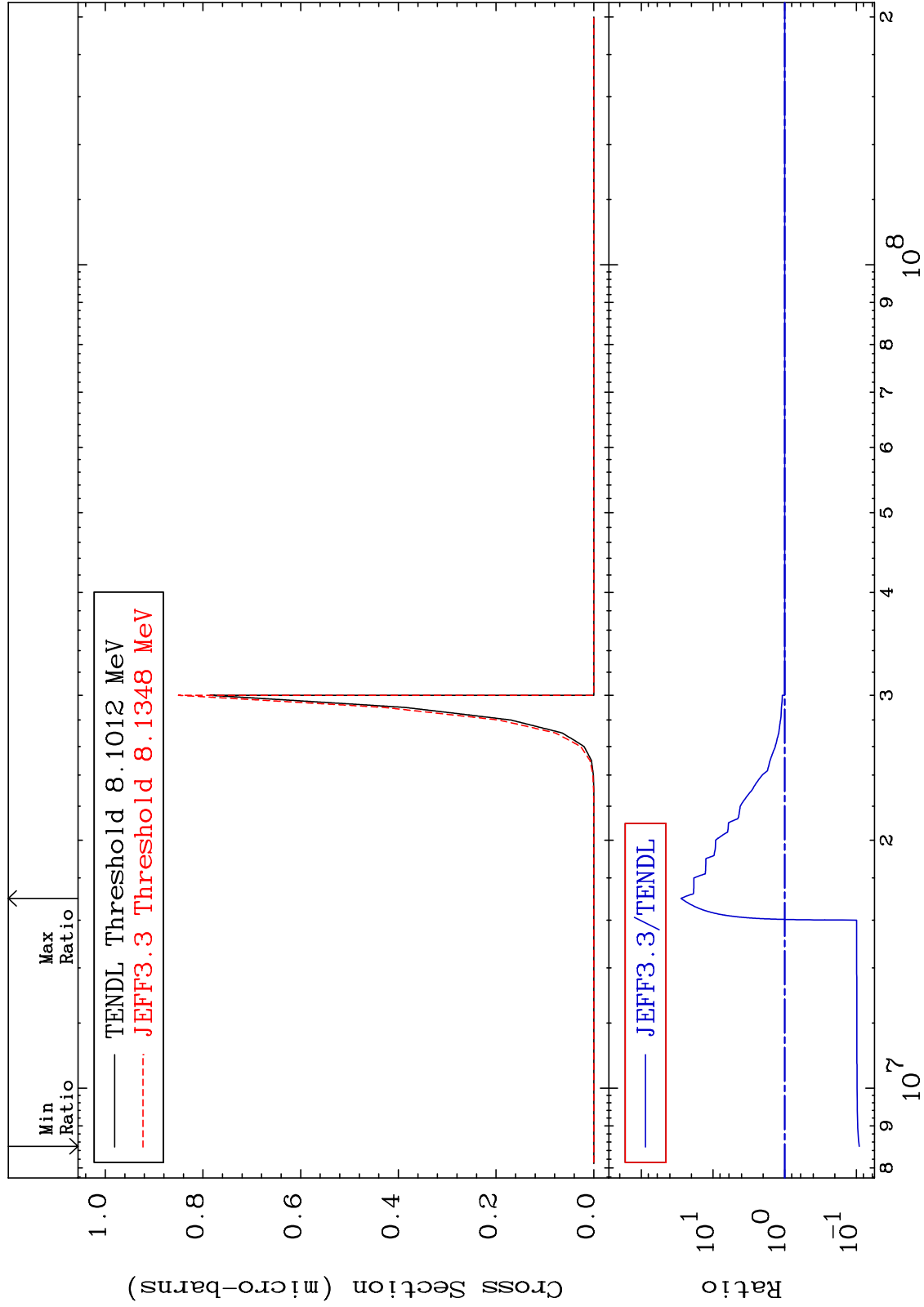
36-Kr-84

MAT 3643

36-Kr-84

(n,2α):32-Ge-77g

Radionuclide Production Cross Section -90.90 To 2697. %



91

Incident Energy (eV)

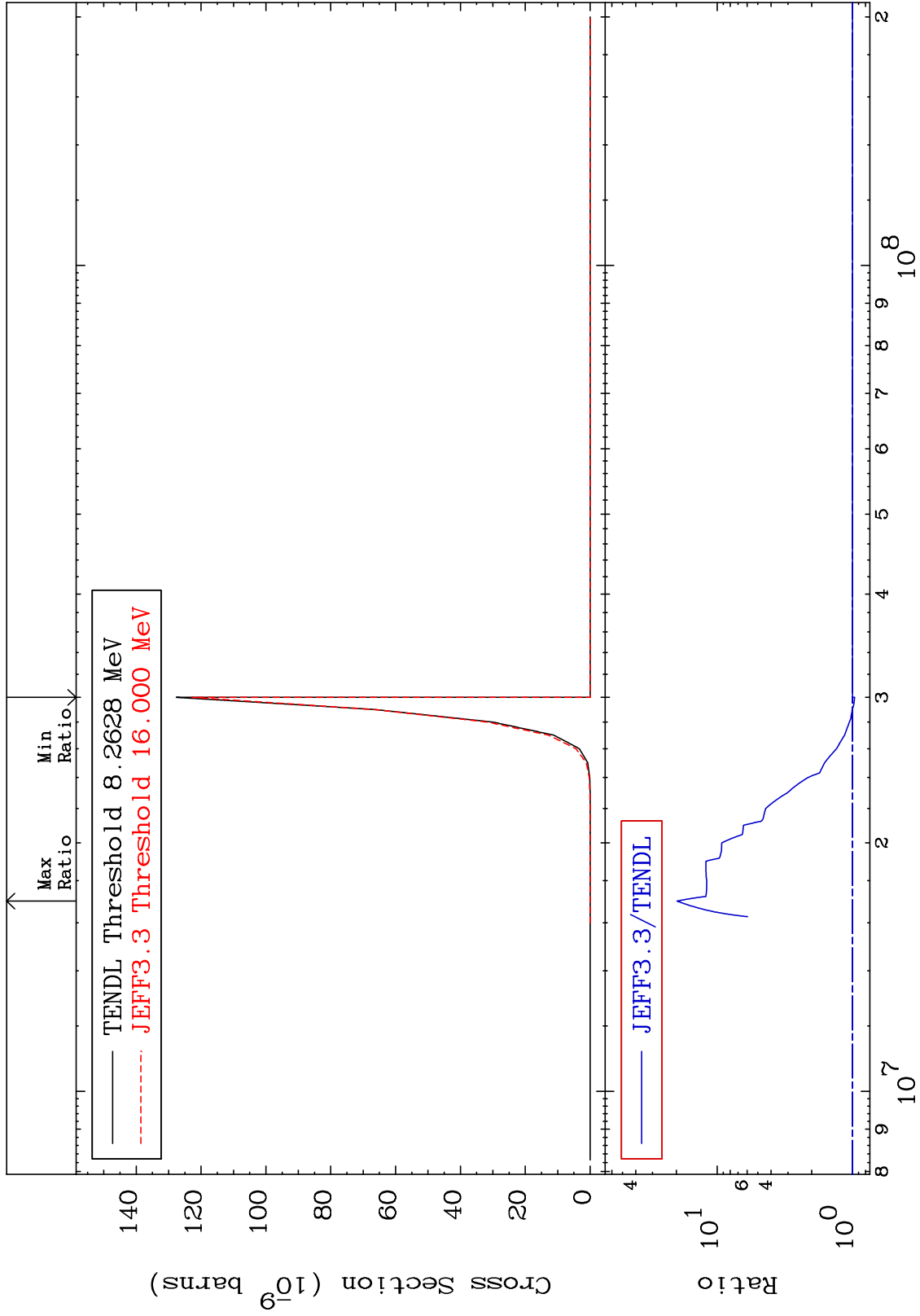
36-Kr-84

MAT 3643

(n,2α):32-Ge-77m1

36-Kr-84

Radionuclide Production Cross Section -3.720 To 1877. %



92

Incident Energy (eV)

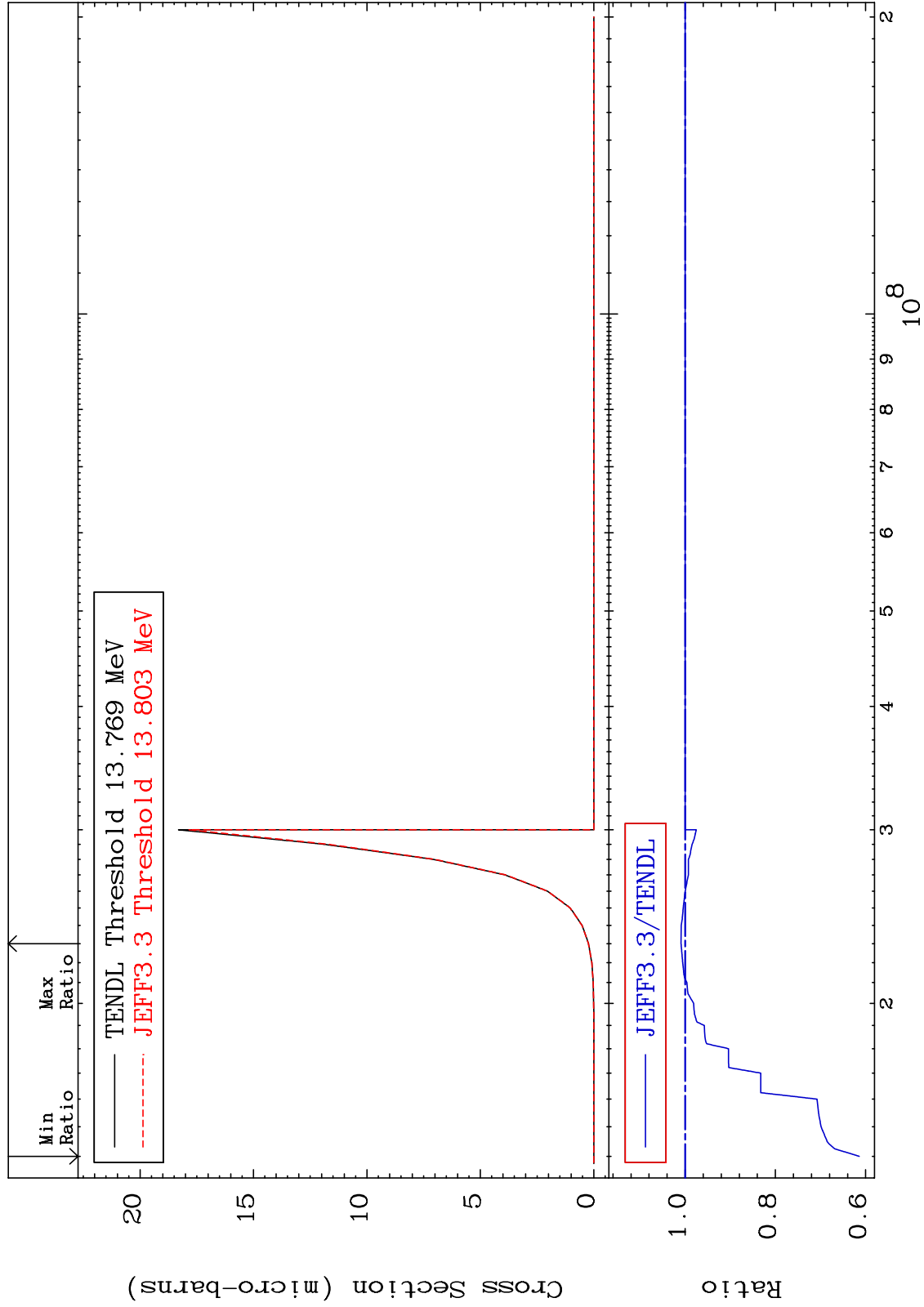
36-Kr-84

MAT 3643

36-Kr-84

(n,2p):34-Se-83g

Radionuclide Production Cross Section -38.59 To 0.906 %

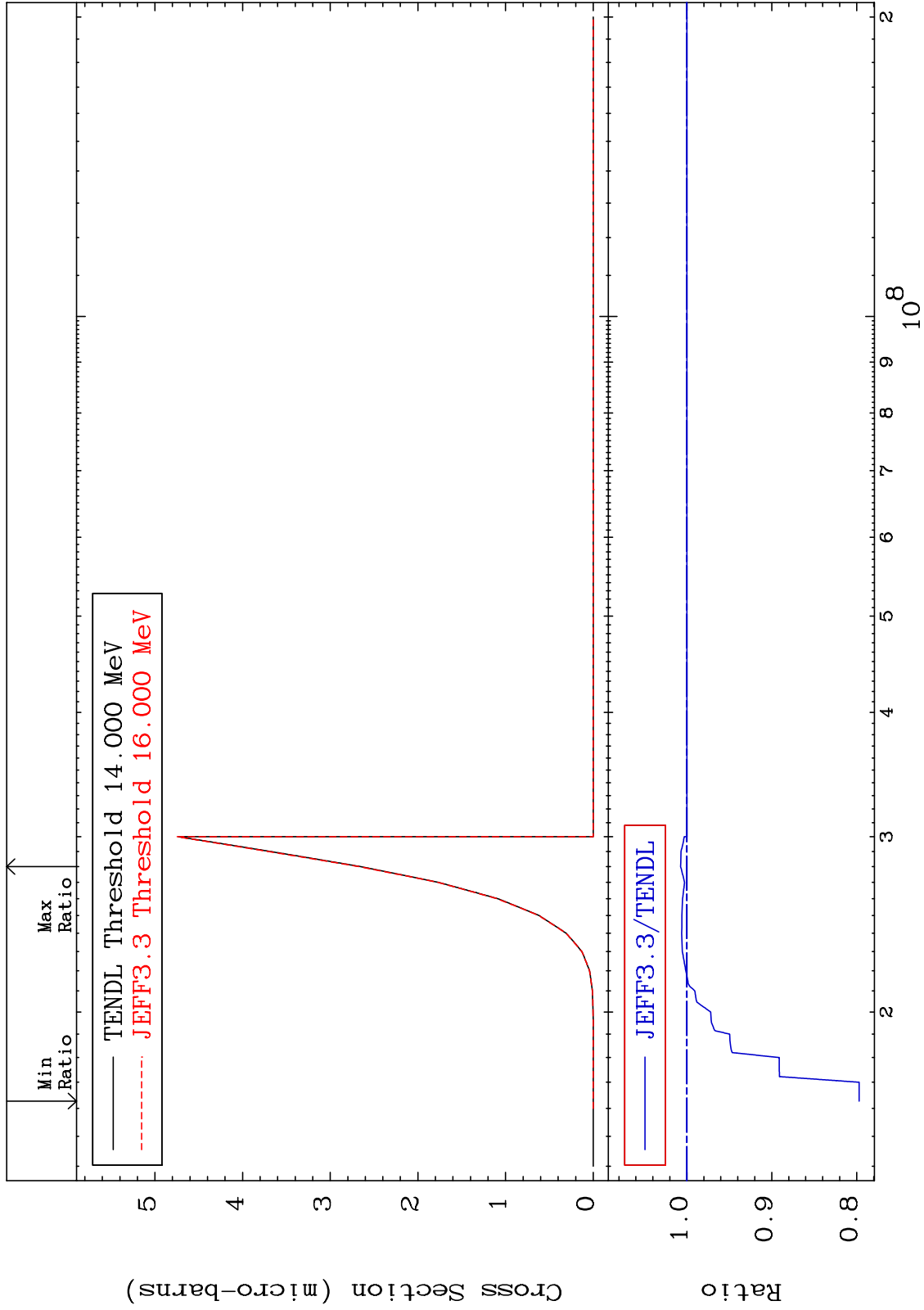


MAT 3643

(n,2p):34-Se-83m1

36-Kr-84

Radionuclide Production Cross Section -20.29 To 0.733 %

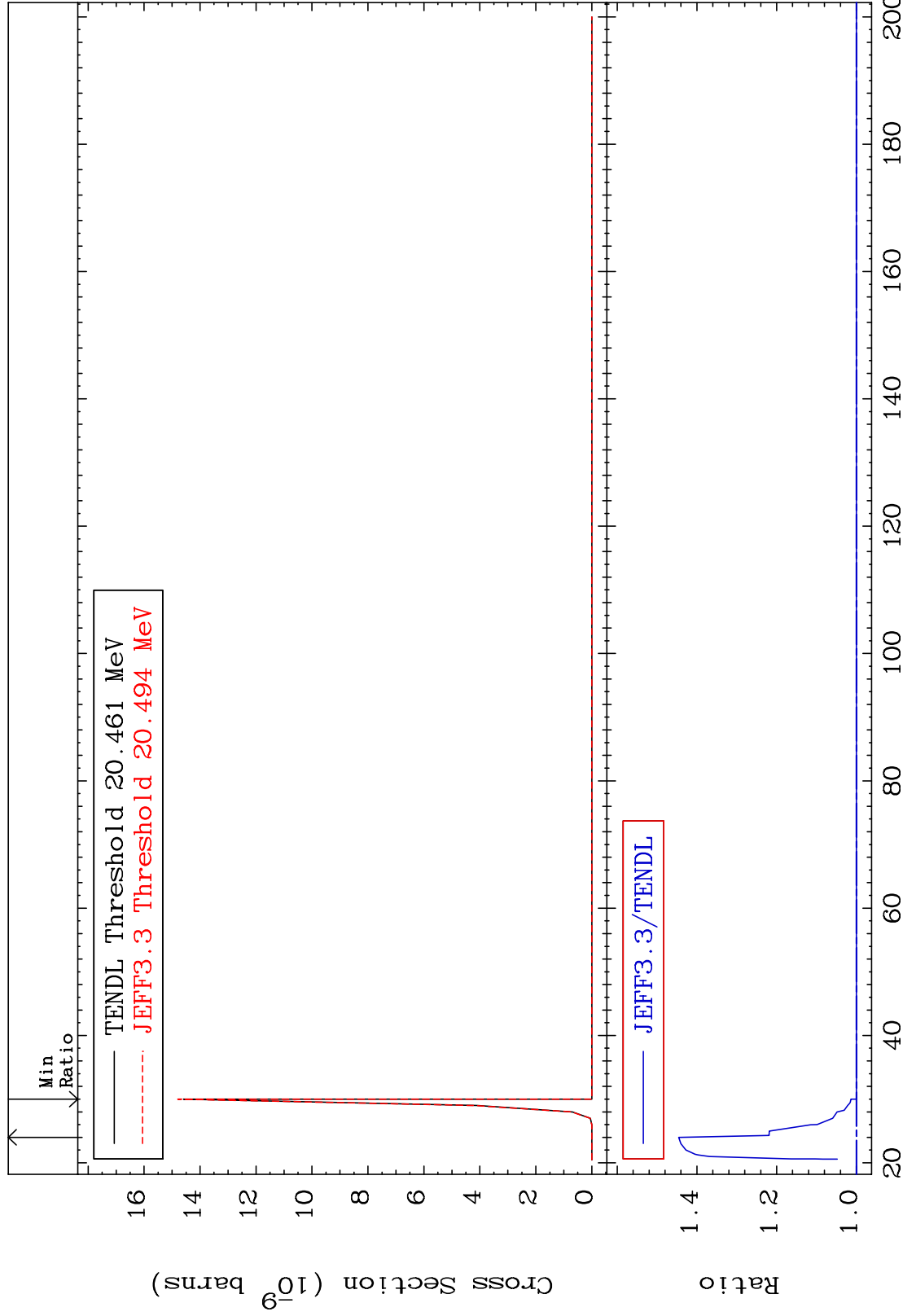


MAT 3643

(n,p) t:34-Se-81g

36-Kr-84

Radionuclide Production Cross Section 0.000 To 44.55 %



95

Incident Energy (MeV)

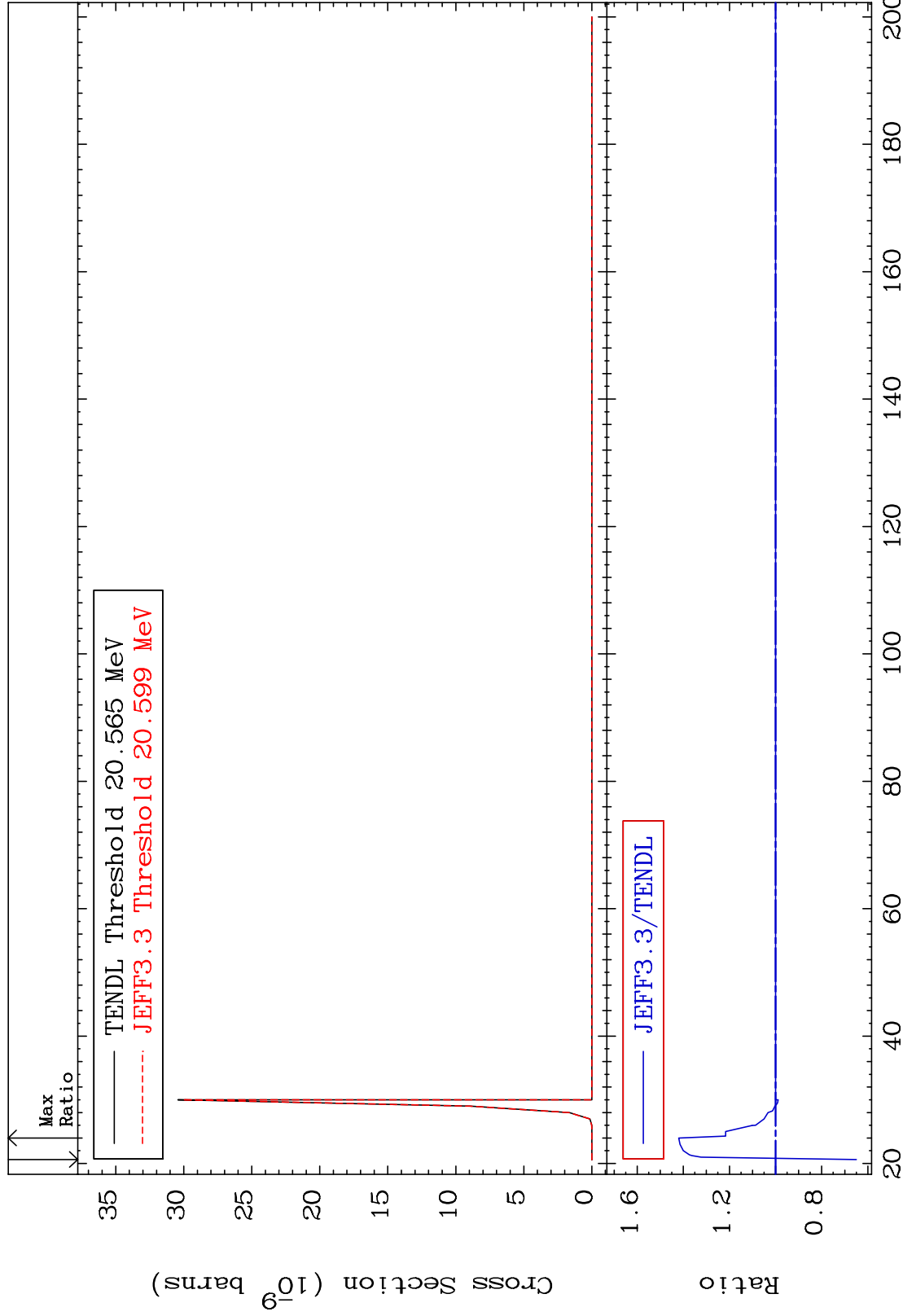
36-Kr-84

MAT 3643

(n,p) t:34-Se-81m1

36-Kr-84

Radionuclide Production Cross Section -35.05 To 41.96 %



96

Incident Energy (MeV)

36-Kr-84