

Program Complot
(Version 2018-1)

by

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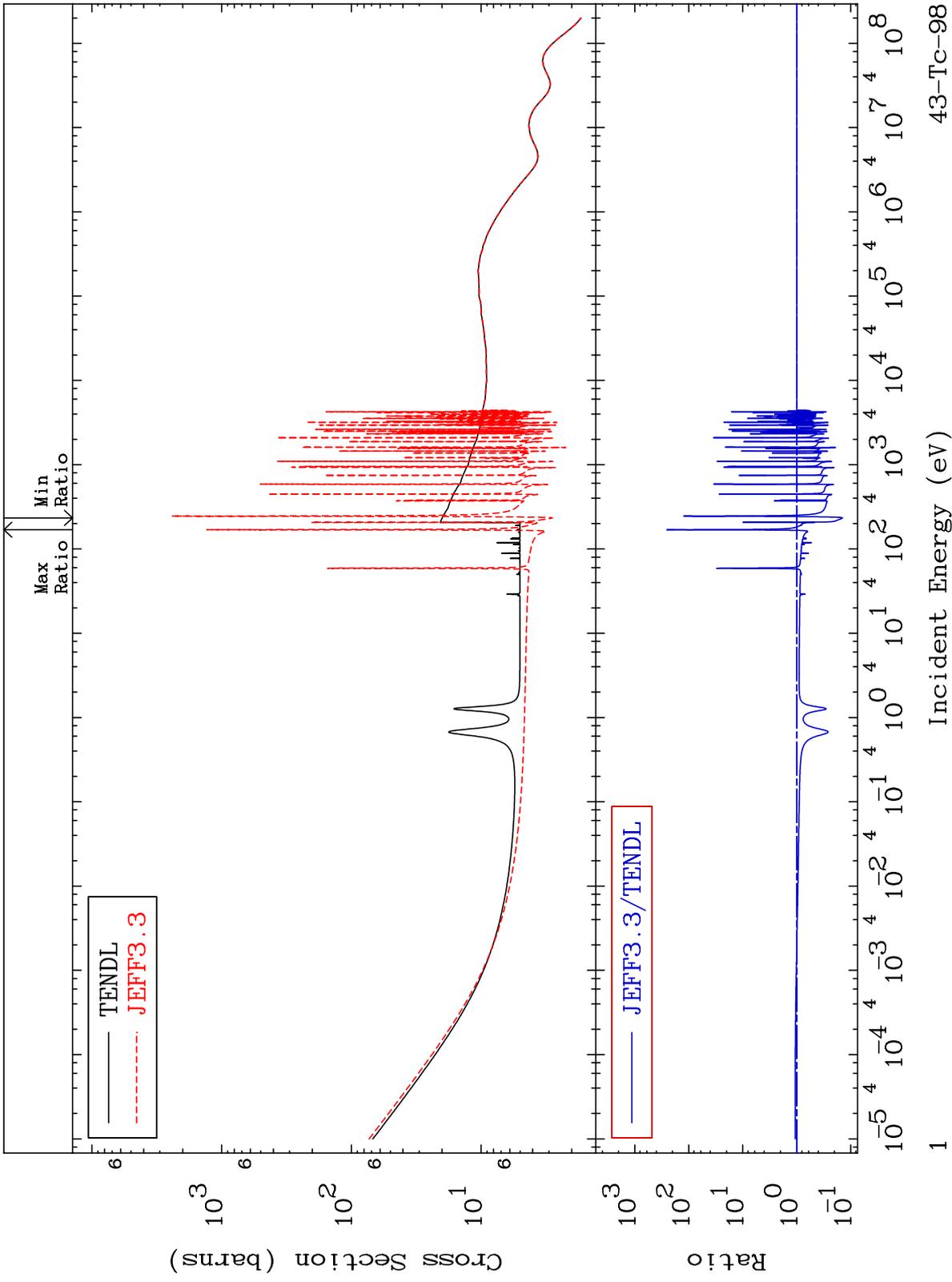
Press Mouse Button to Start

MAT 4322

Total
Cross Section

43-Tc-98

-85.87 To 9999. %



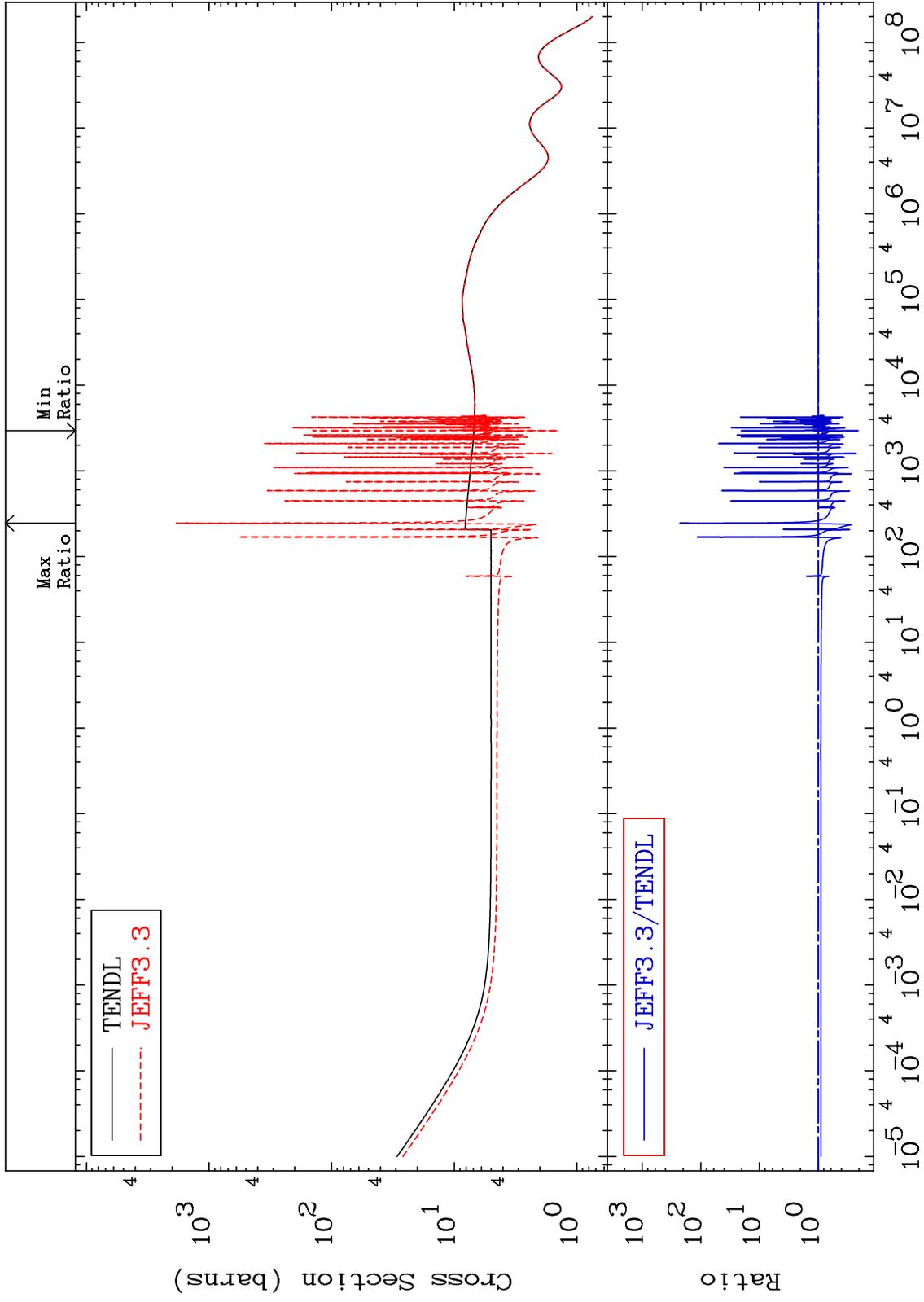
MAT 4322

Elastic

Cross Section

43-Tc-98

-79.44 To 9999. %



2

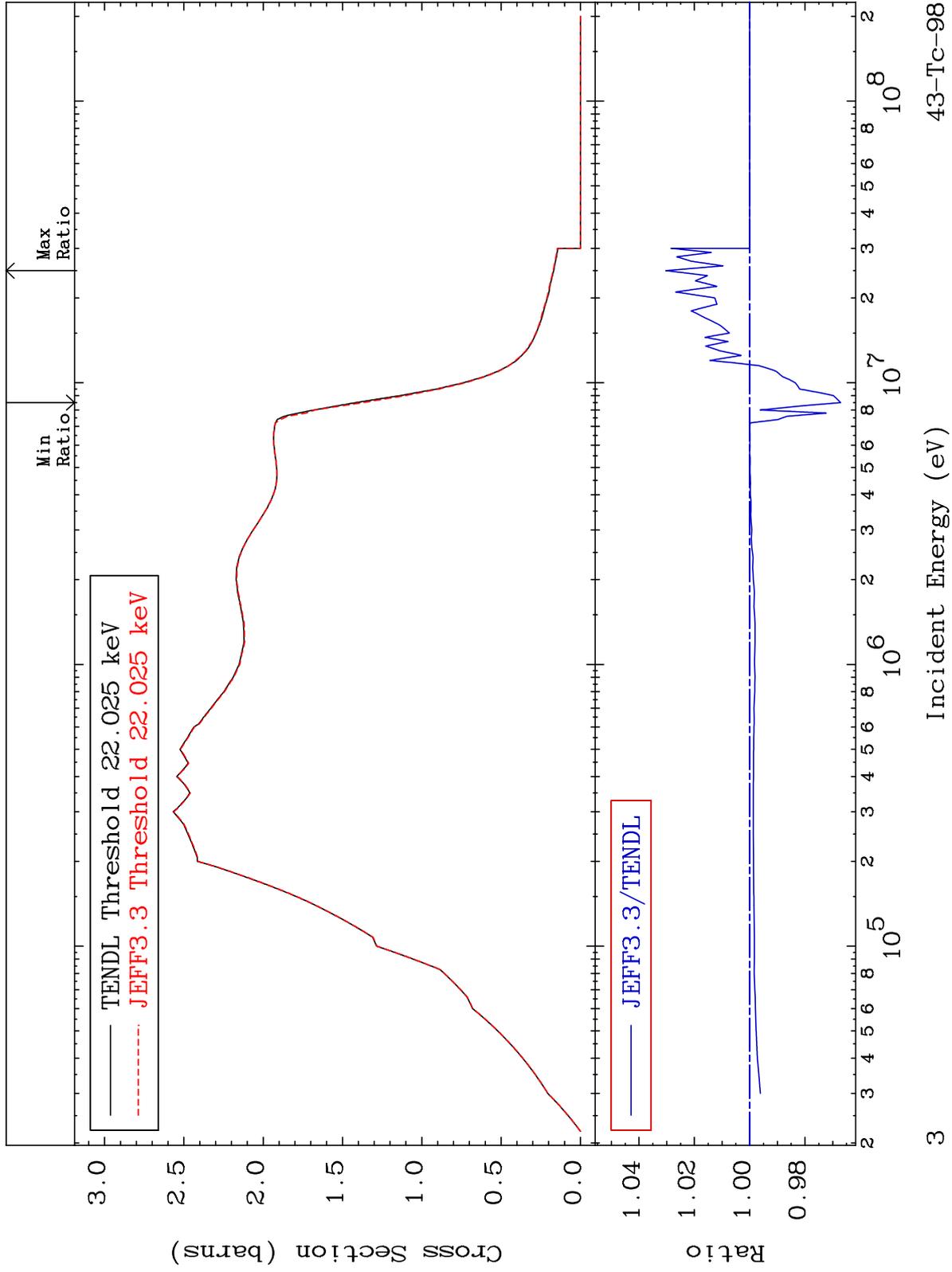
Incident Energy (eV)

43-Tc-98

MAT 4322

Inelastic
Cross Section

43-Tc-98
-3.290 To 3.027 %



43-Tc-98

Incident Energy (eV)

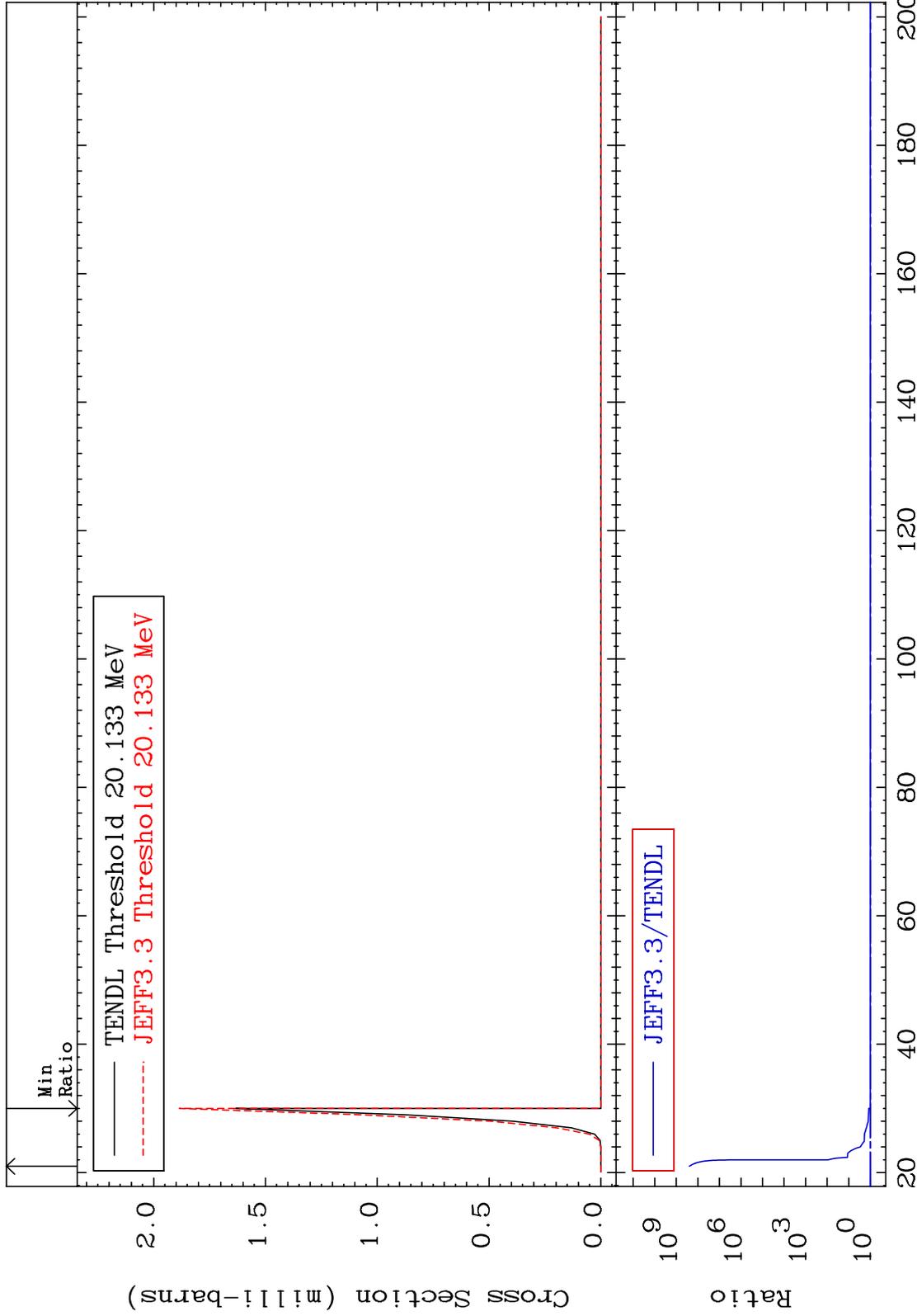
MAT 4322

(n,2n) d

43-Tc-98

Cross Section

0.000 To 9999. %



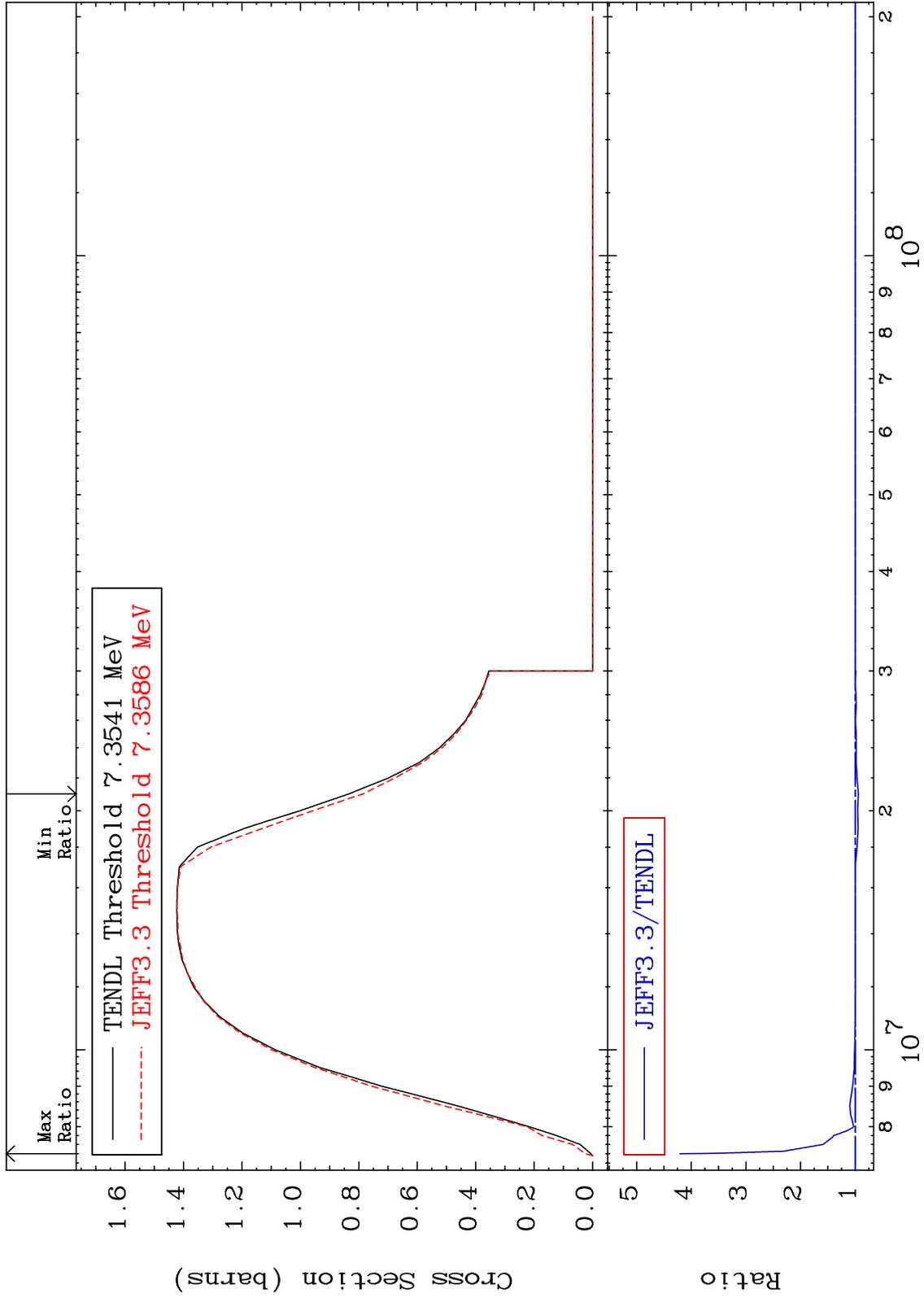
MAT 4322

(n,2n)

43-Tc-98

Cross Section

-5.784 To 320.7 %



5

Incident Energy (eV)

43-Tc-98

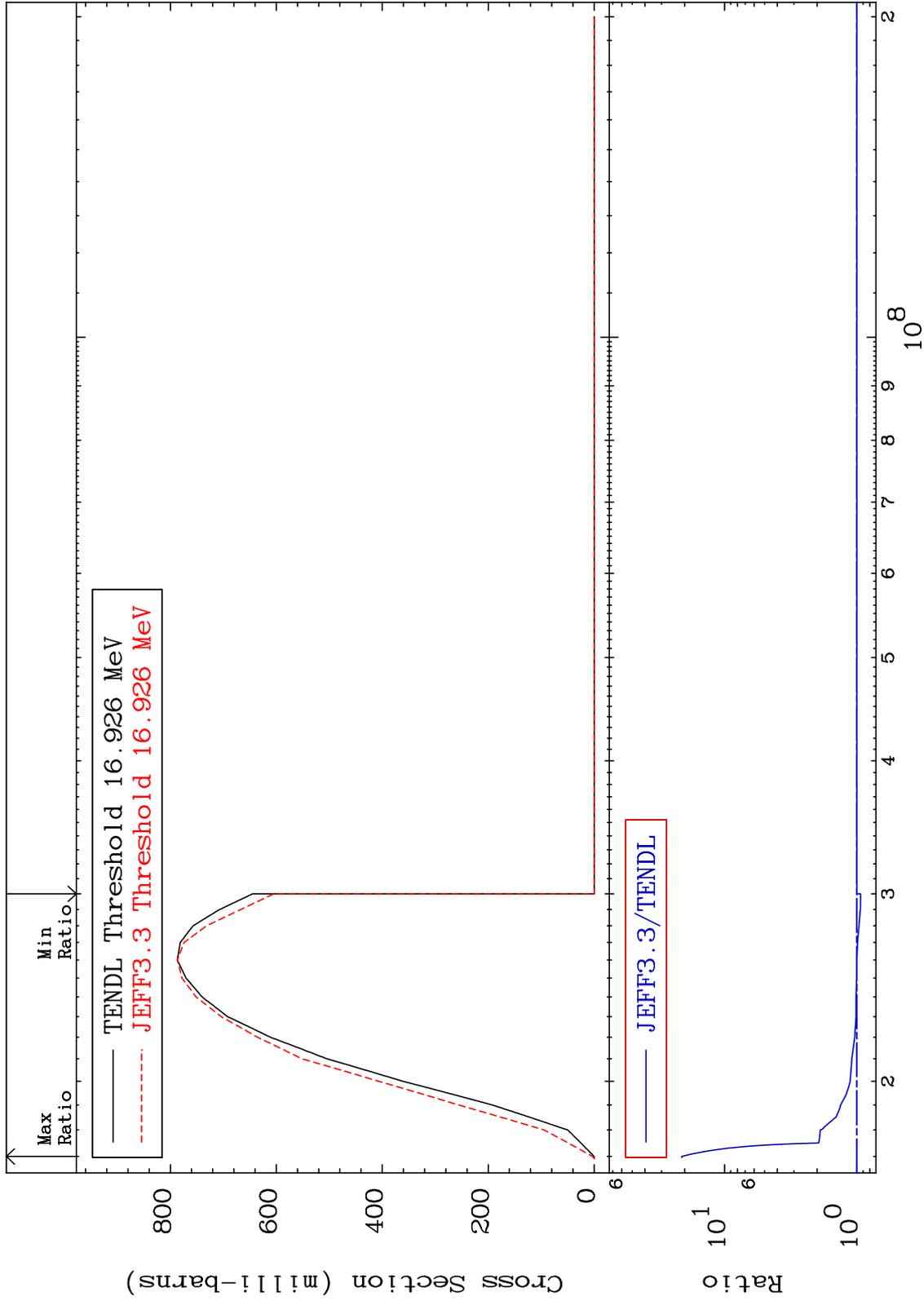
MAT 4322

(n, 3n)

43-Tc-98

Cross Section

-6.217 To 2009. %



6

Incident Energy (eV)

43-Tc-98

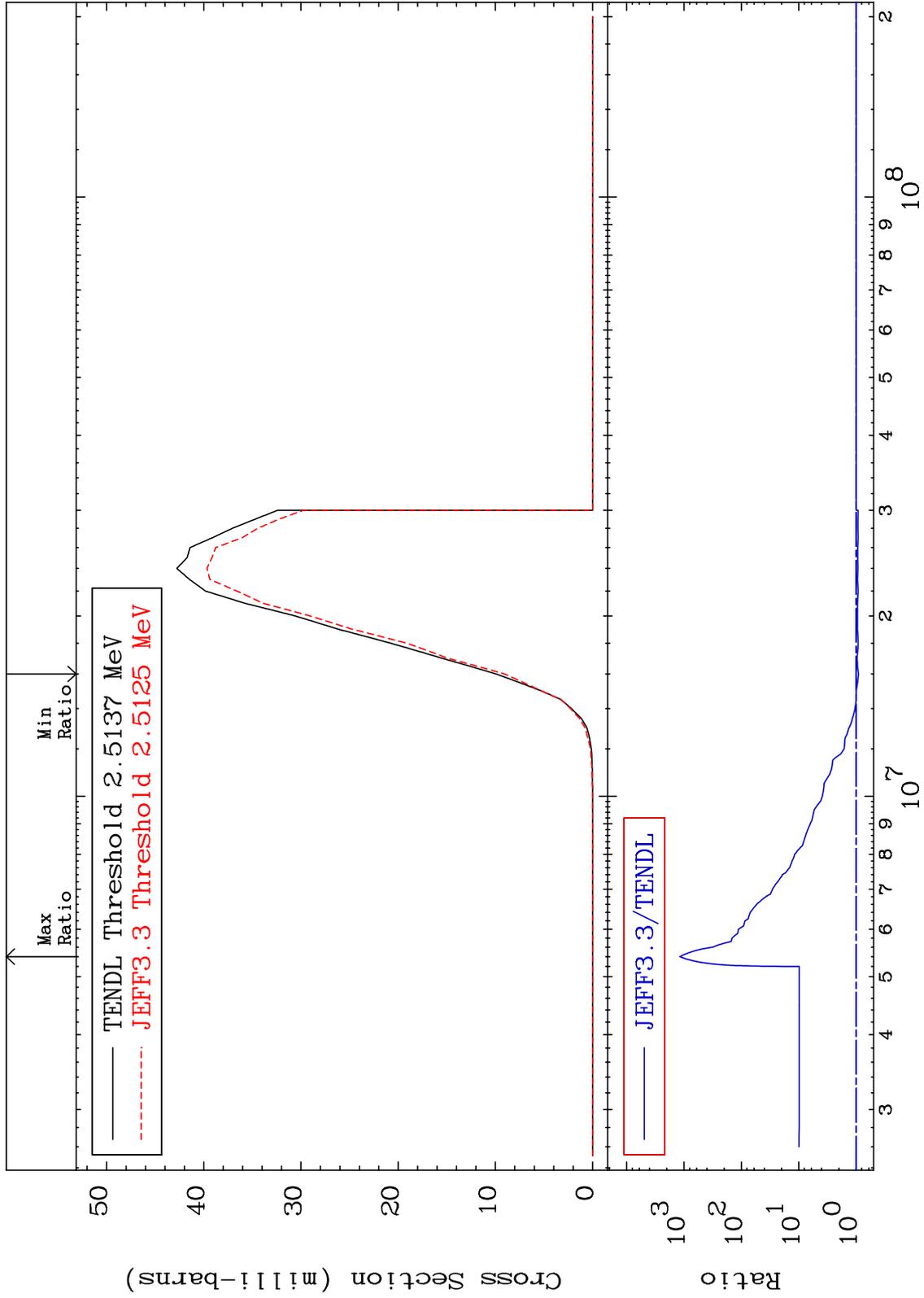
MAT 4322

(n, n') α

43-Tc-98

-8.800 To 9999. %

Cross Section



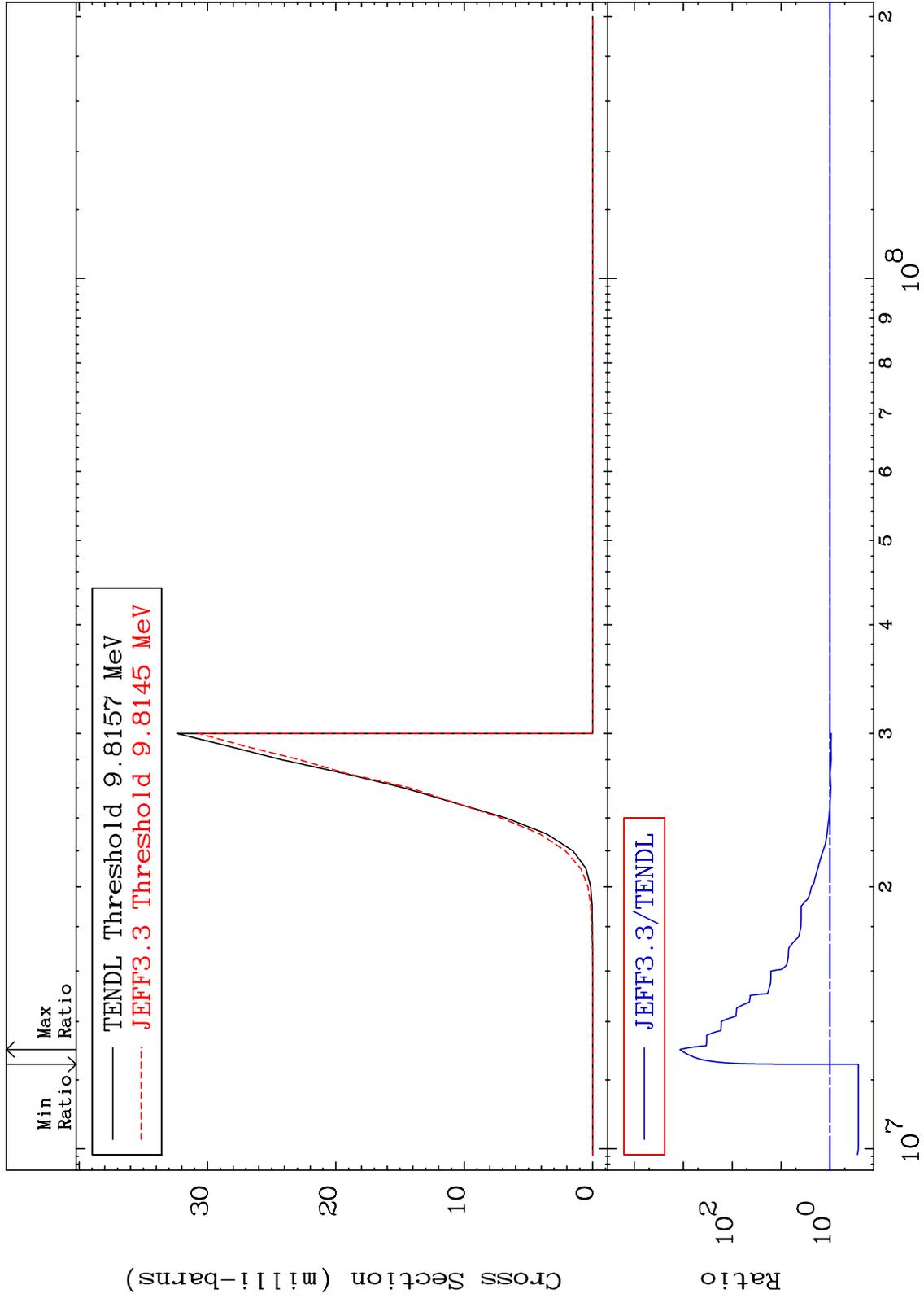
MAT 4322

(n,2n) α

43-Tc-98

Cross Section

-73.66 To 9999. %



Incident Energy (eV)

43-Tc-98

MAT 4322

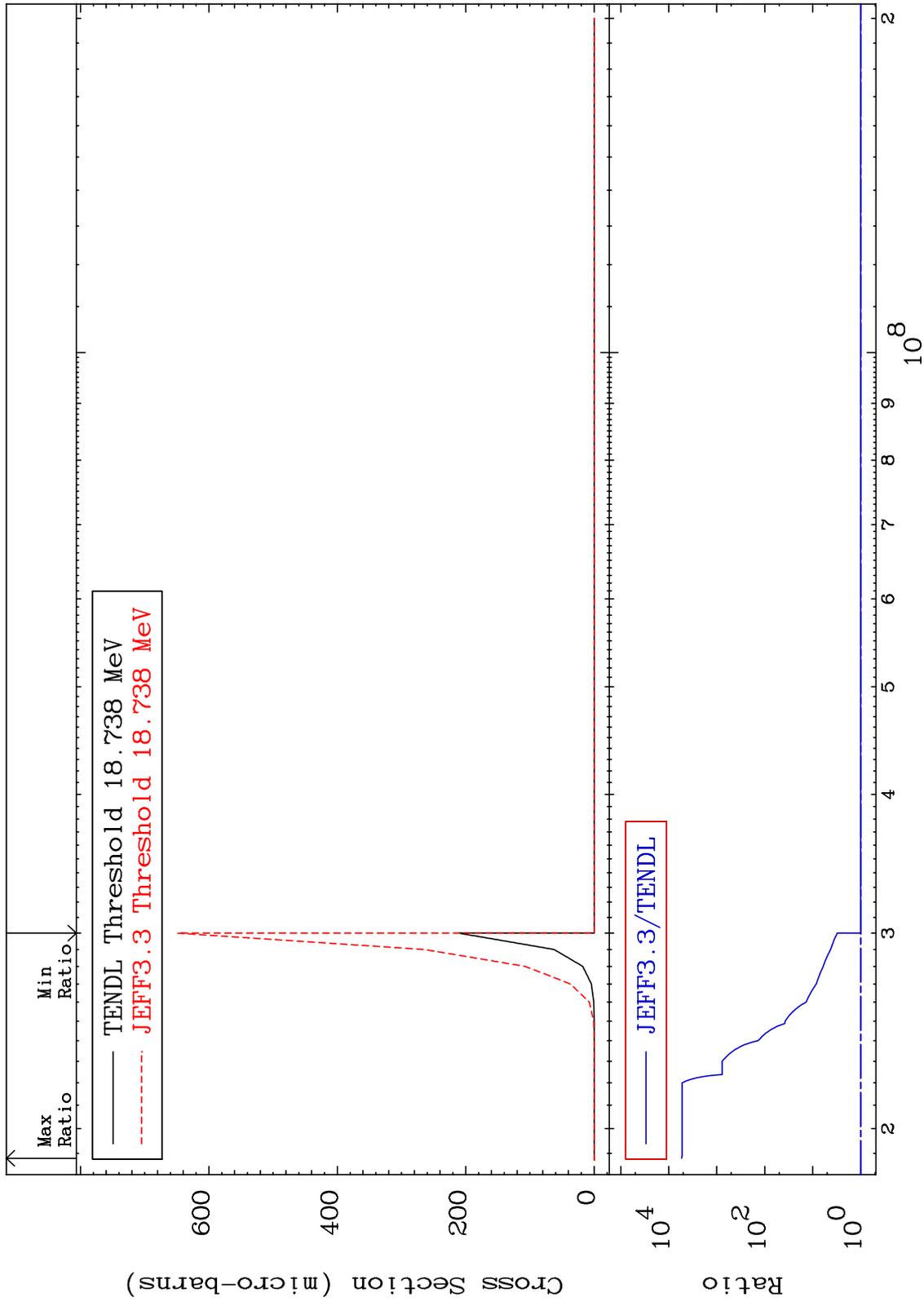
(n,3n) α

43-Tc-98

Cross Section

0.000

To 9999. %



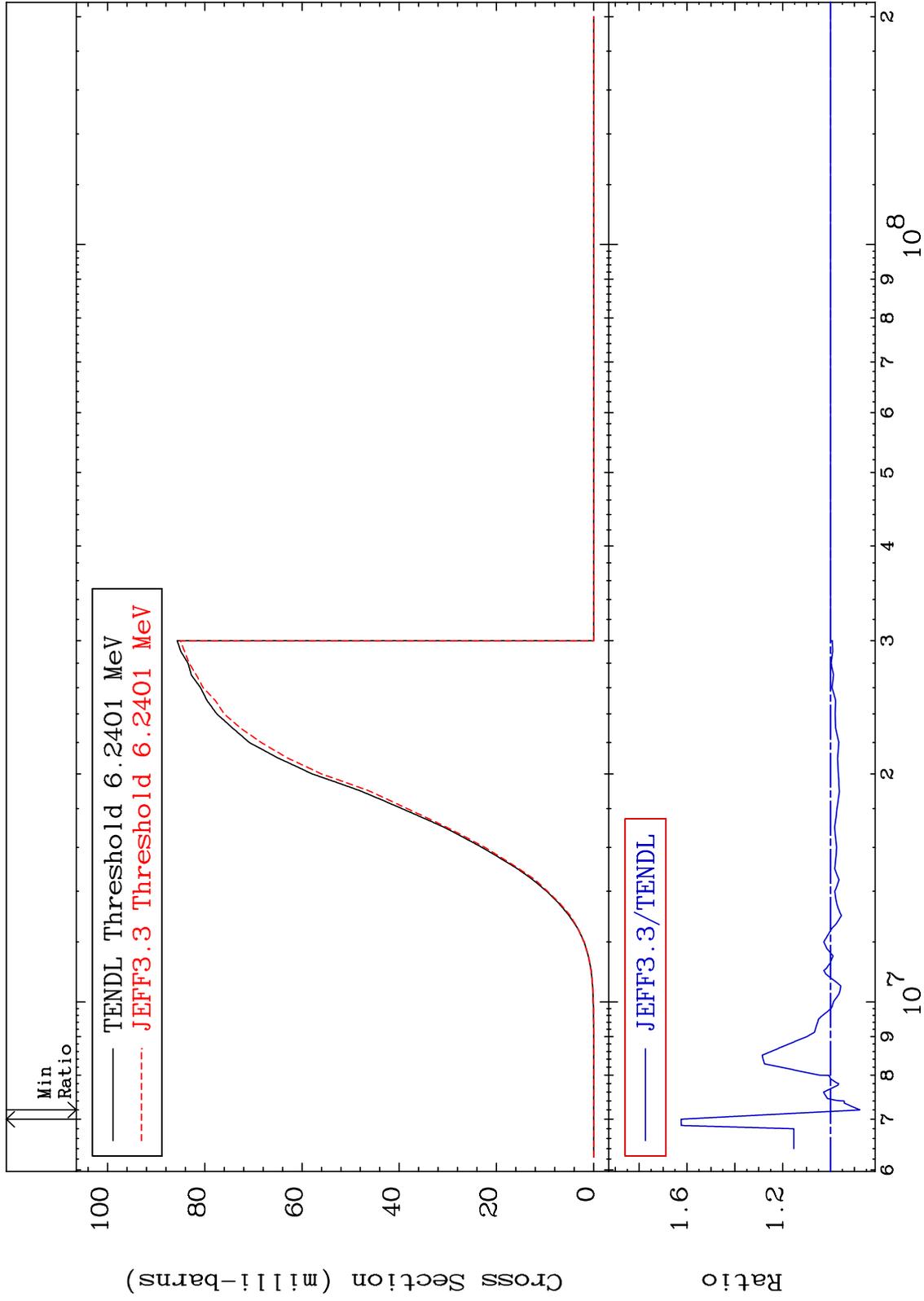
MAT 4322

(n,n') p

43-Tc-98

Cross Section

-12.30 To 62.45 %



10

Incident Energy (eV)

43-Tc-98

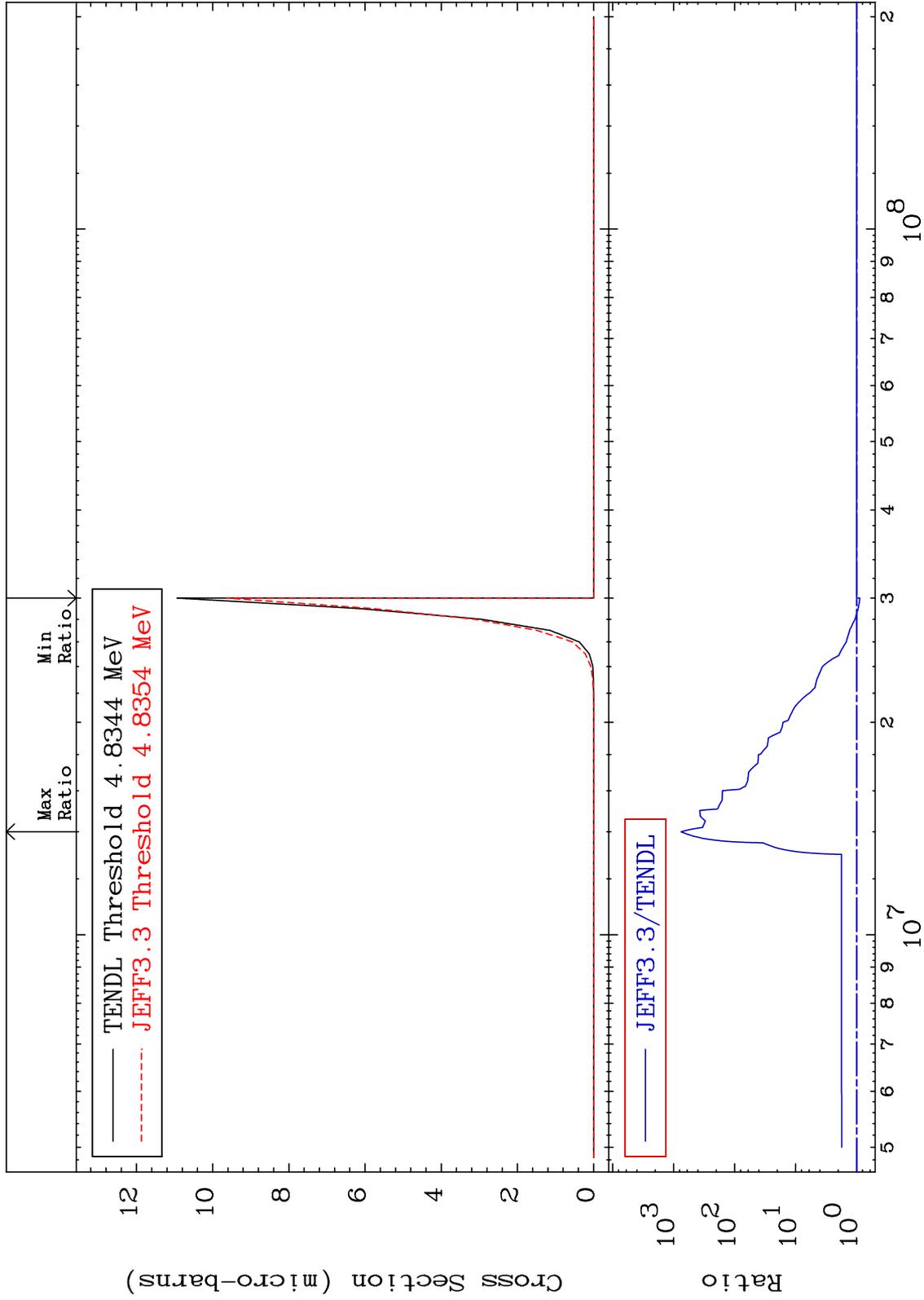
MAT 4322

(n, n') 2α

43-Tc-98

Cross Section

-11.83 To 9999. %



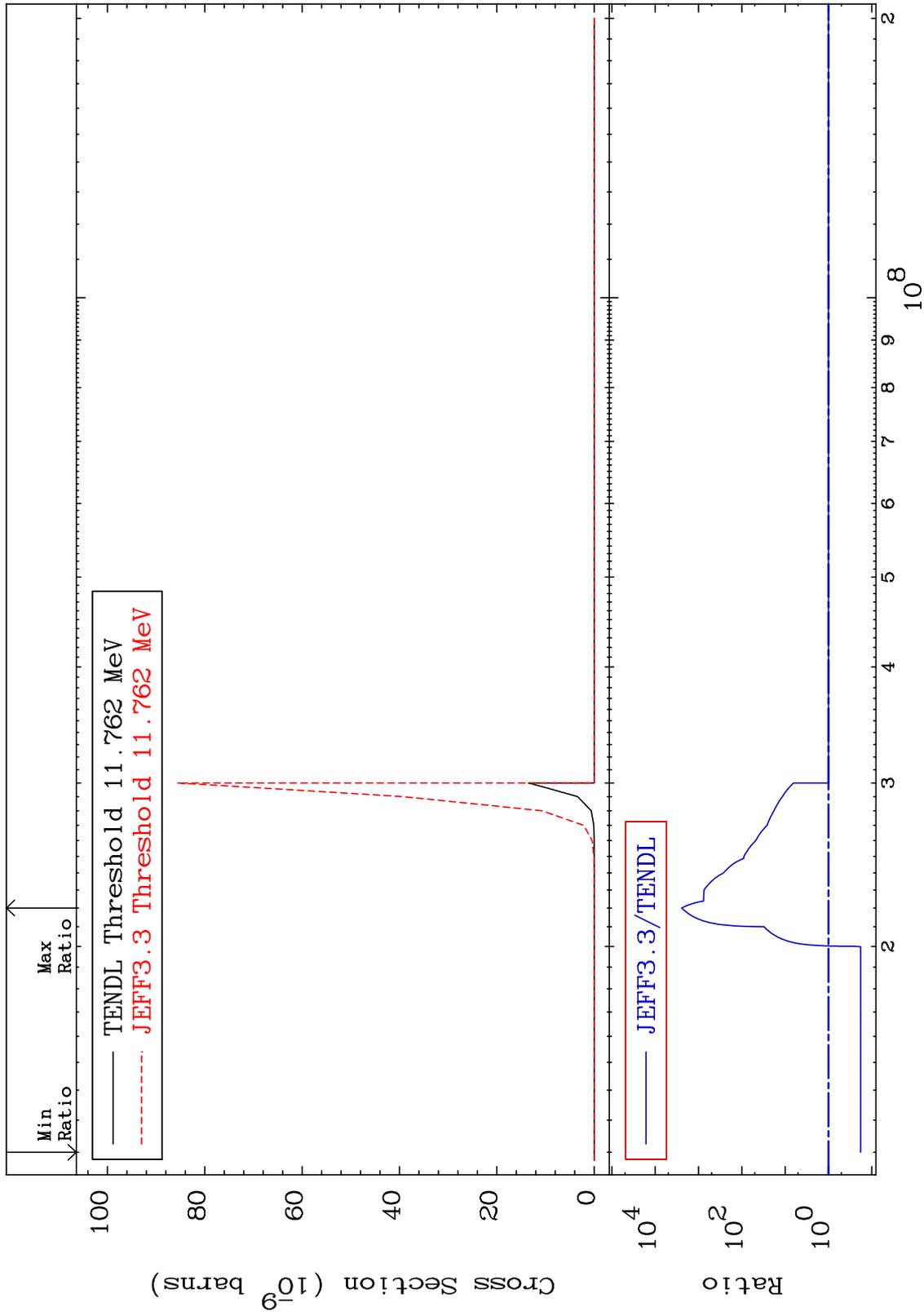
43-Tc-98

Incident Energy (eV)

MAT 4322

(n,2n) 2 α
Cross Section

43-Tc-98
-82.00 To 9999. %



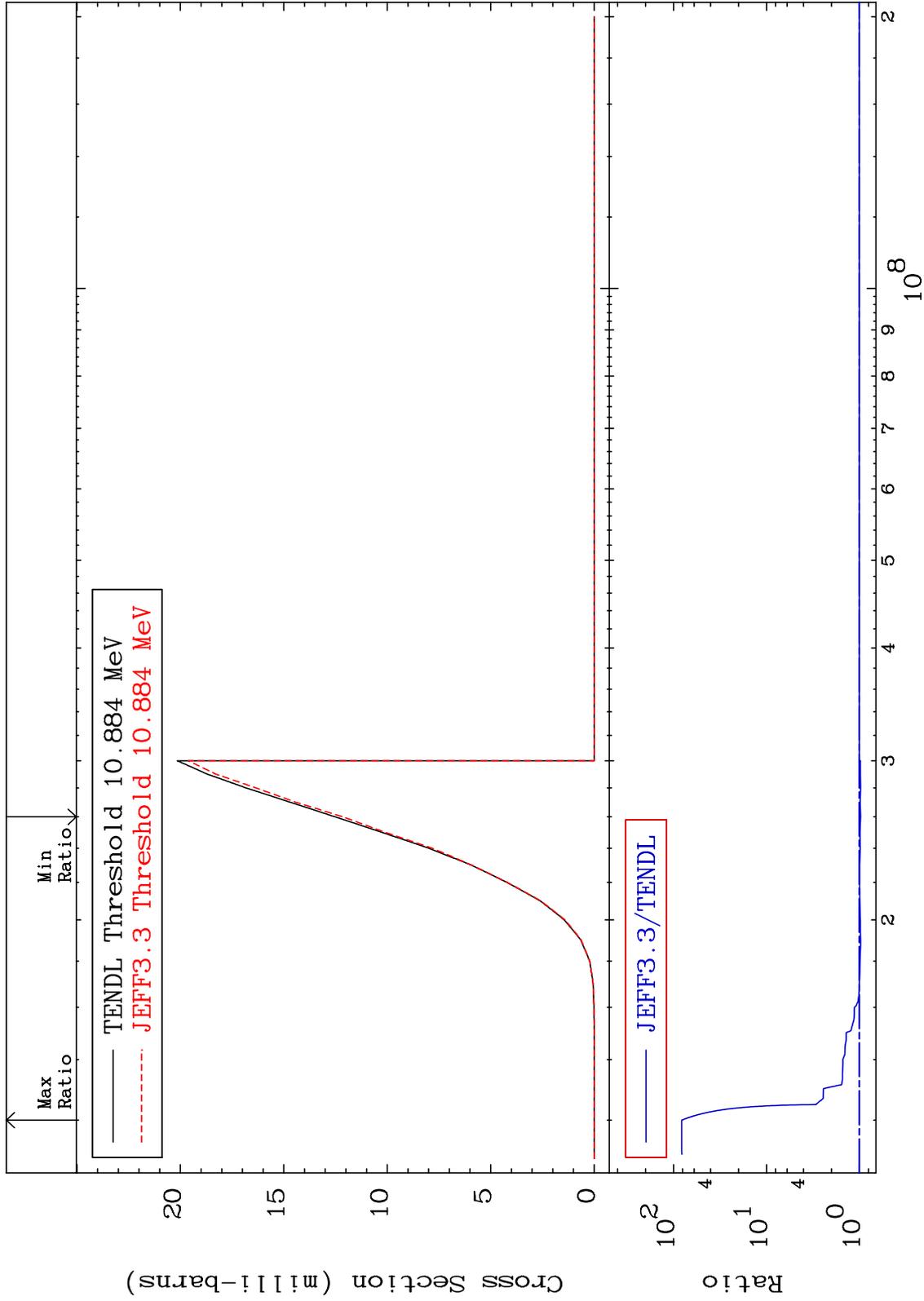
MAT 4322

(n, n') d

43-Tc-98

Cross Section

-3.052 To 8056. %



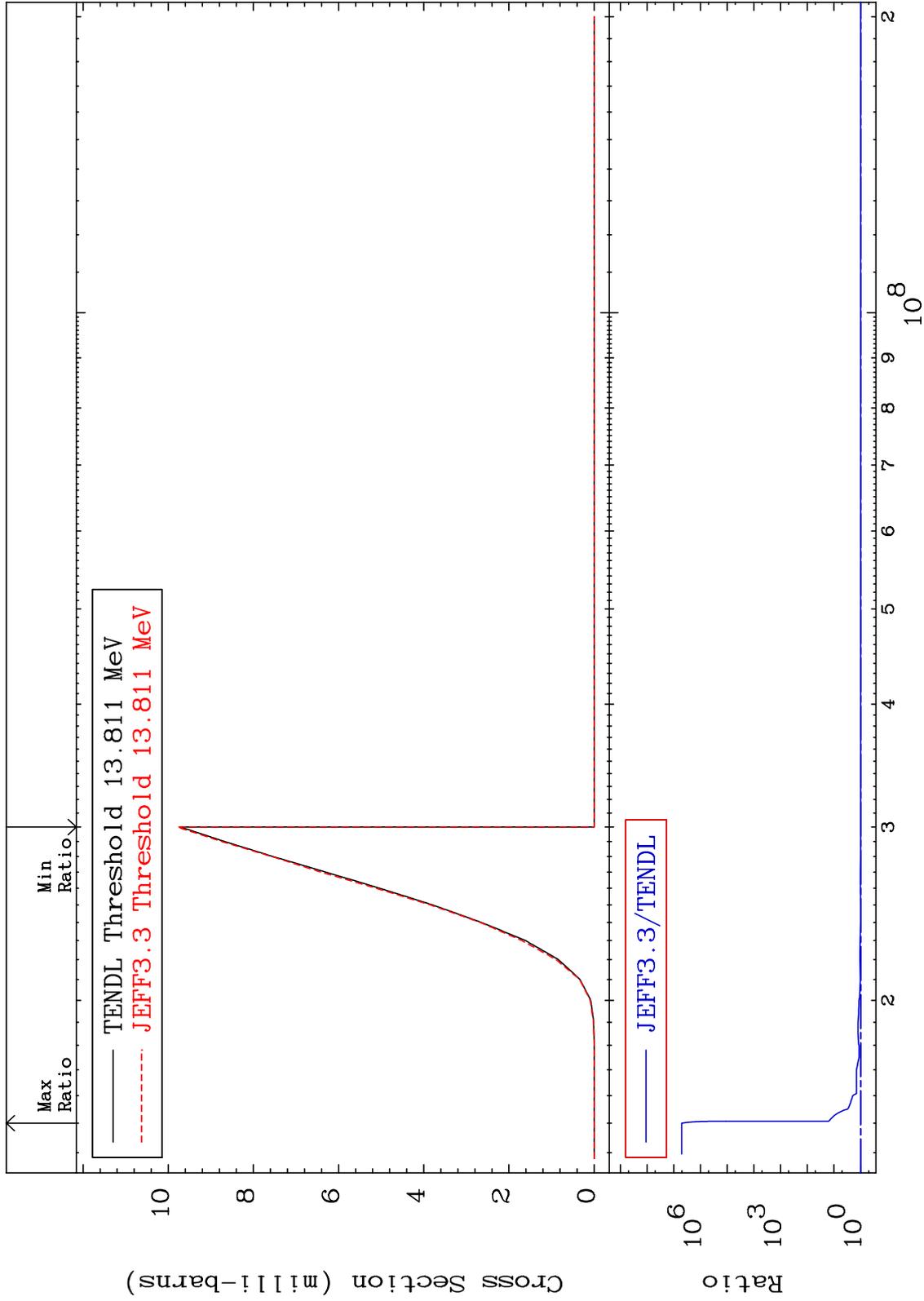
MAT 4322

(n, n') t

43-Tc-98

Cross Section

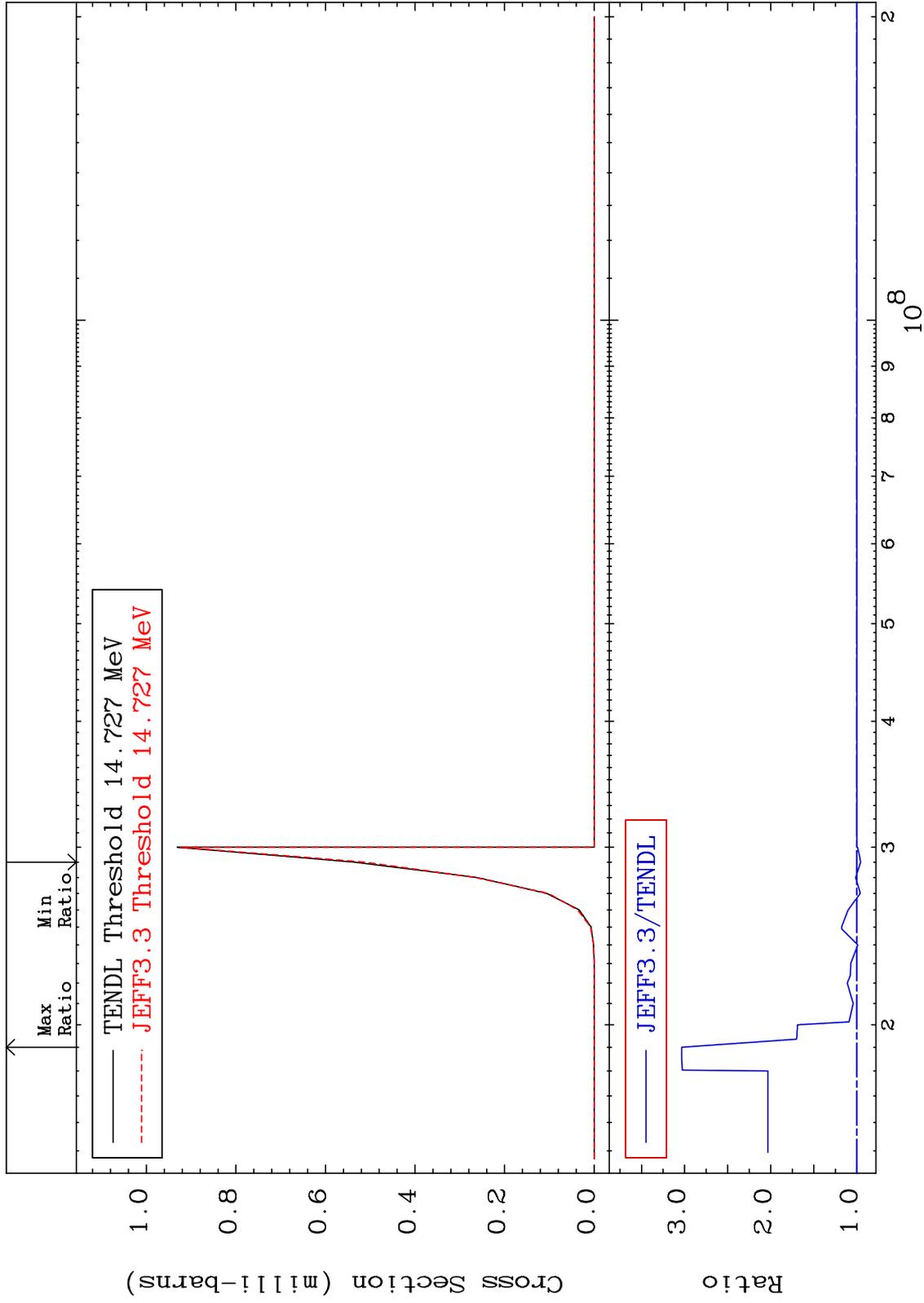
0.000 To 9999. %



MAT 4322

(n,n') He-3
Cross Section

43-Tc-98
-4.356 To 203.3 %



MAT 4322

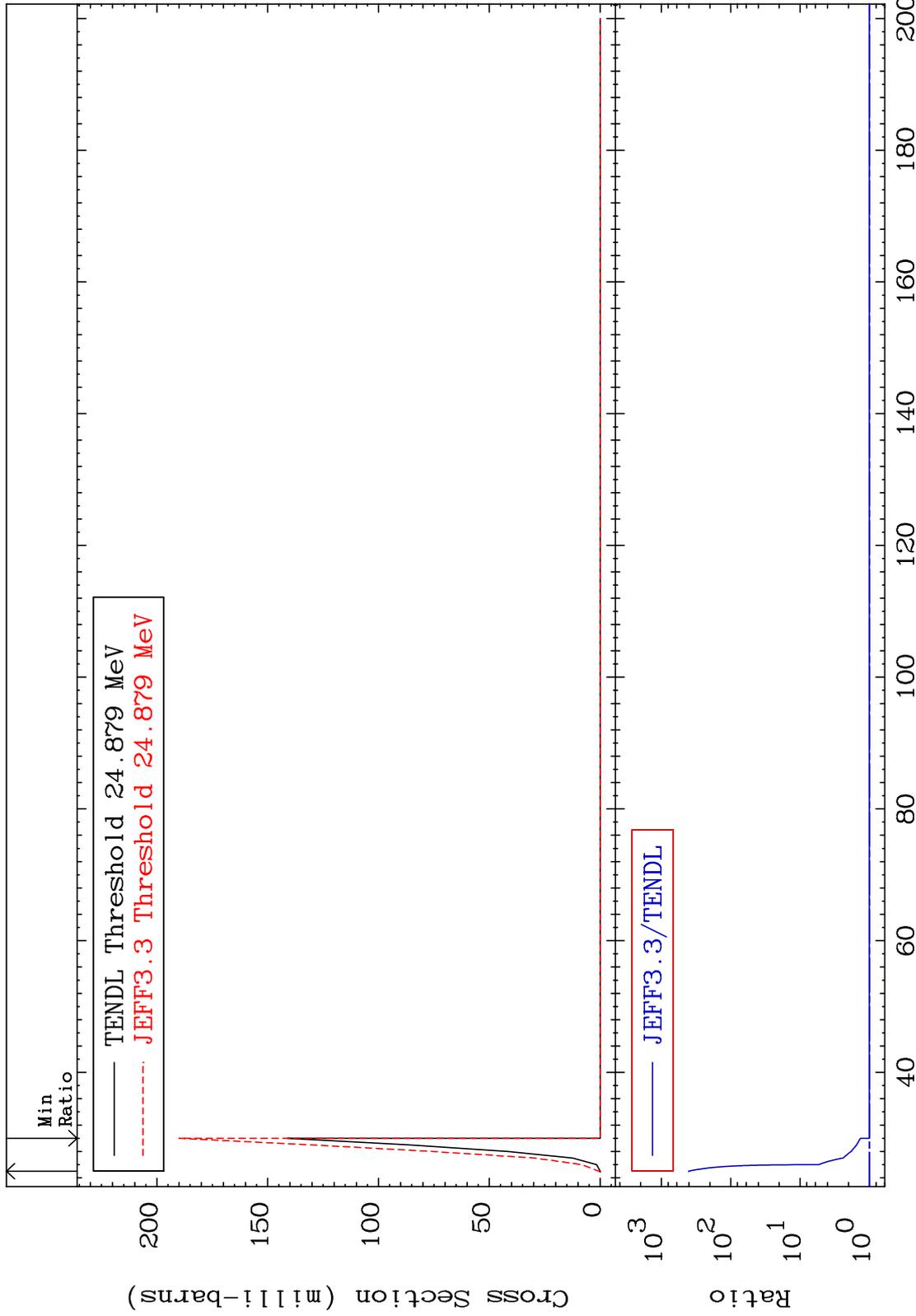
(n, 4n)

43-Tc-98

Cross Section

0.000

To 9999. %



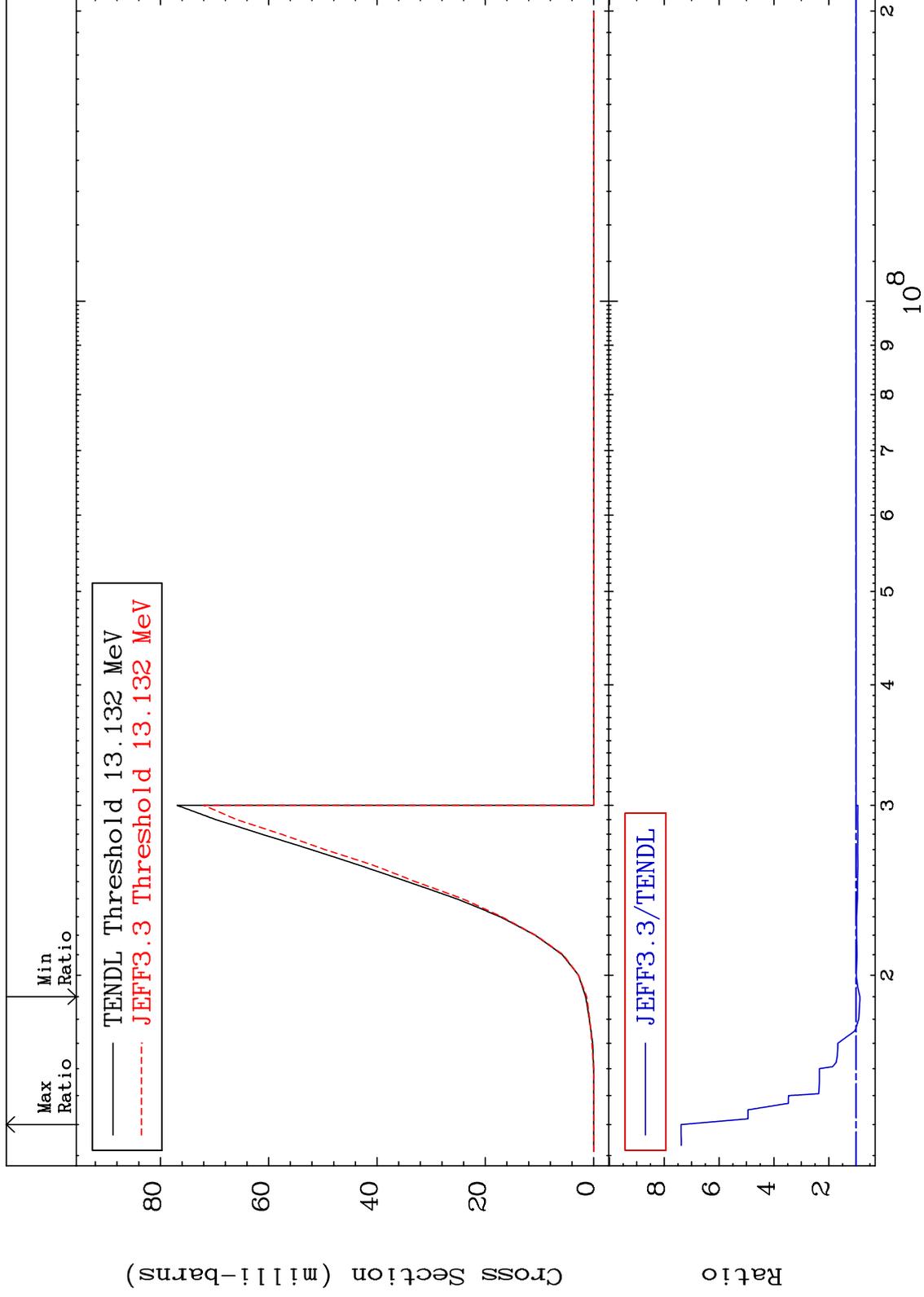
MAT 4322

(n,2n) p

43-Tc-98

Cross Section

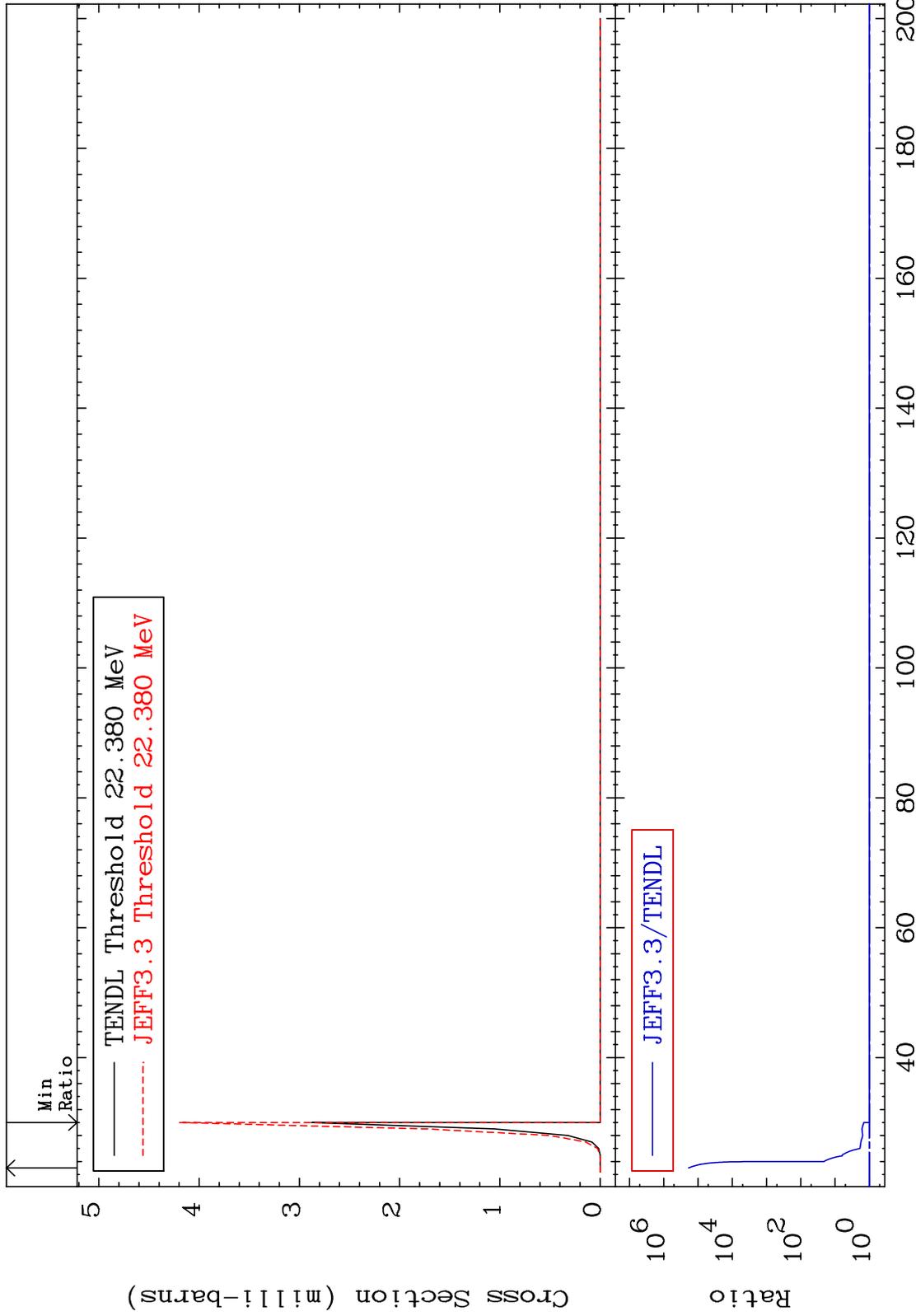
-13.36 To 638.2 %



MAT 4322

(n,3n) p
Cross Section

43-Tc-98
0.000 To 9999. %



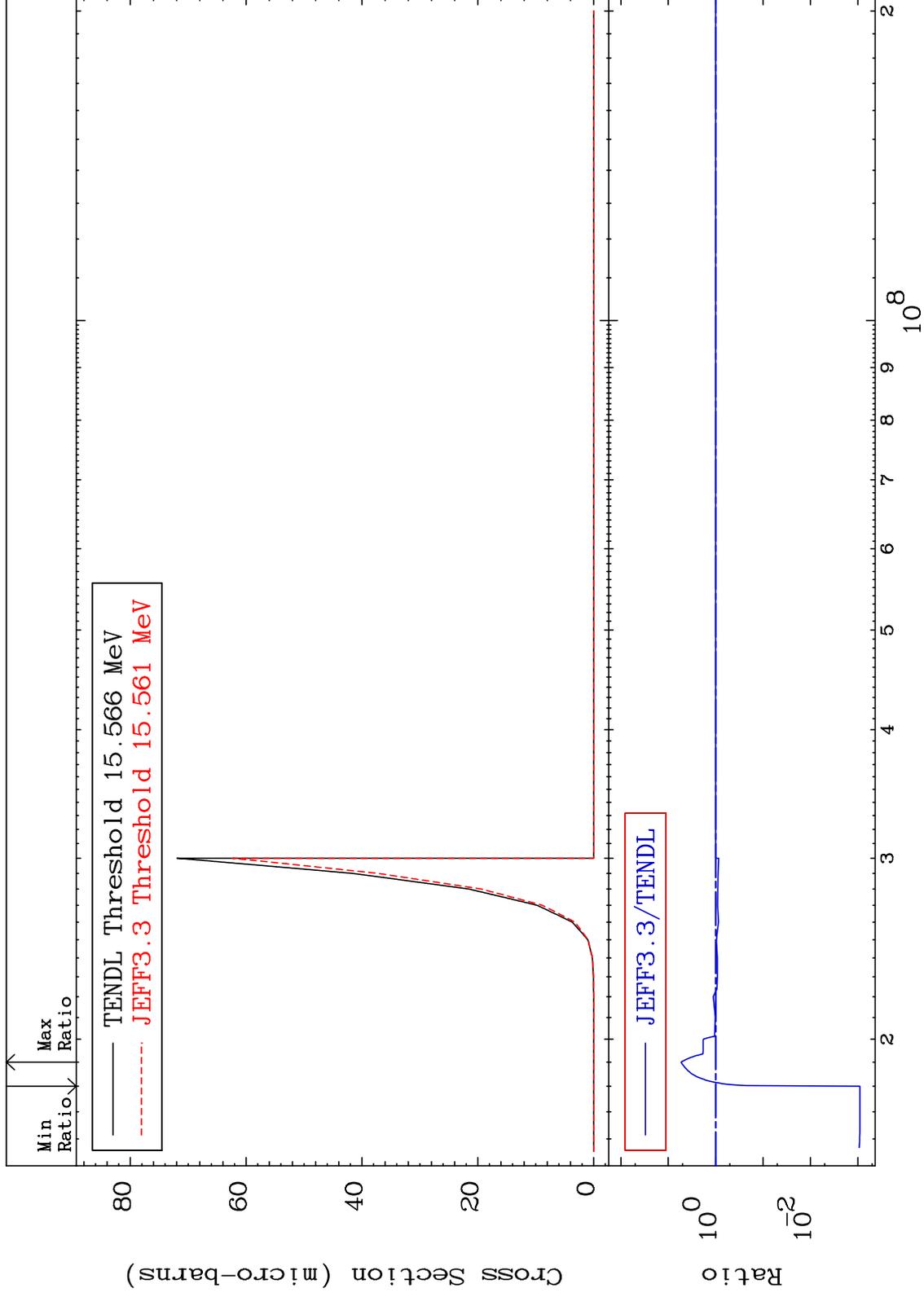
MAT 4322

(n,2n) p

43-Tc-98

Cross Section

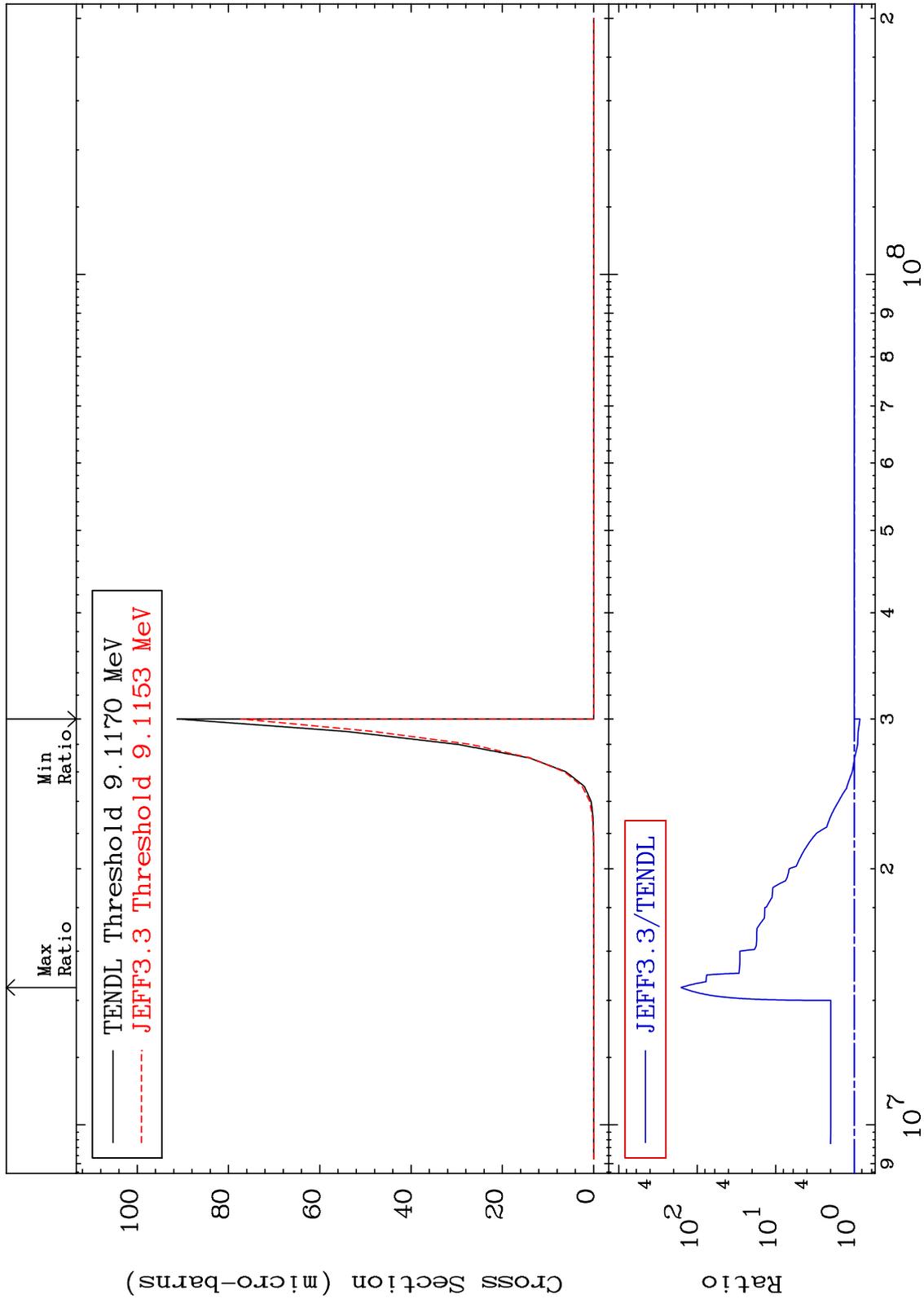
-99.91 To 434.9 %



MAT 4322

(n,n') p α
Cross Section

43-Tc-98
-15.31 To 9999. %



43-Tc-98

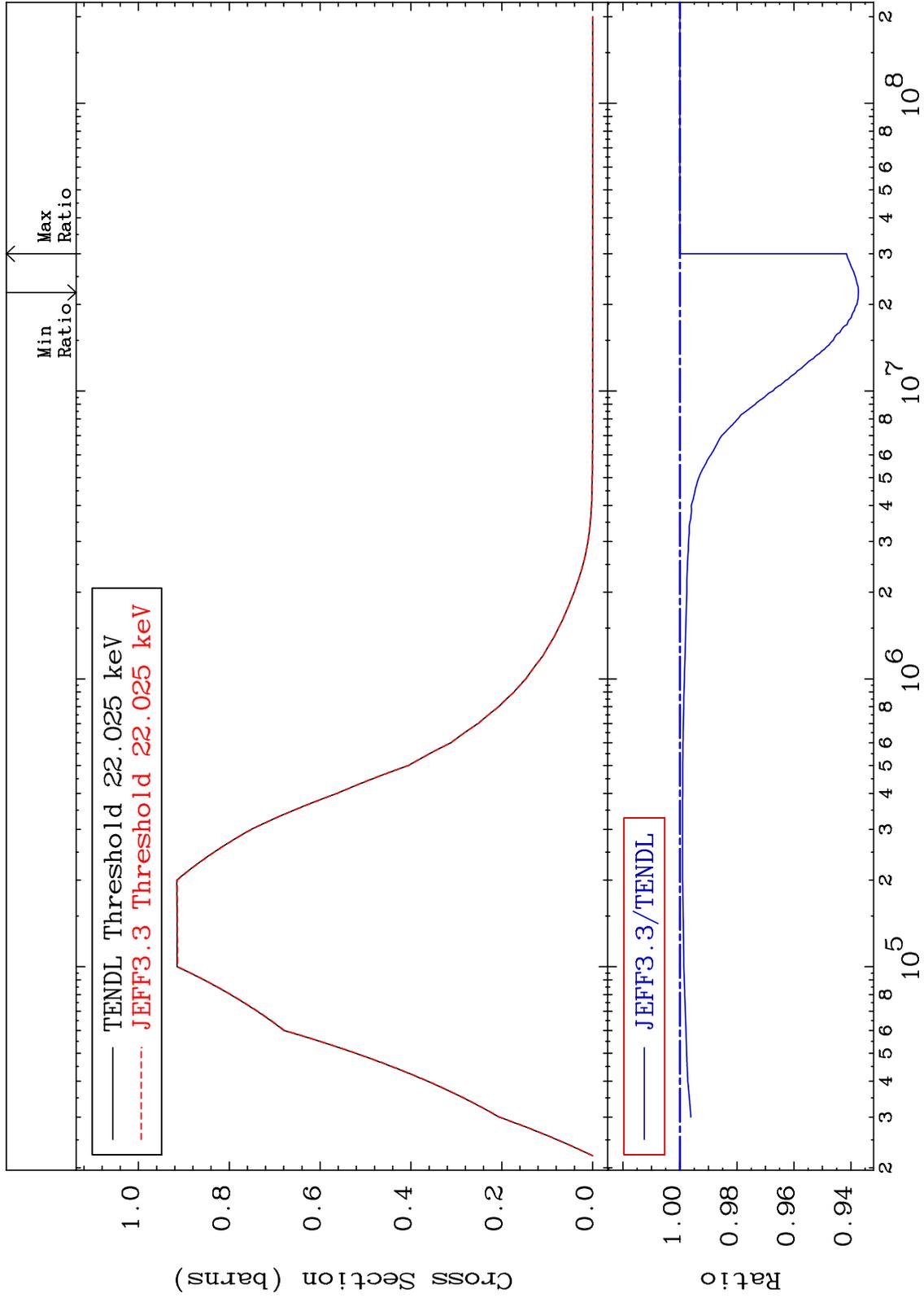
Incident Energy (eV)

20

MAT 4322

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

43-Tc-98
-6.261 To 0.000 %



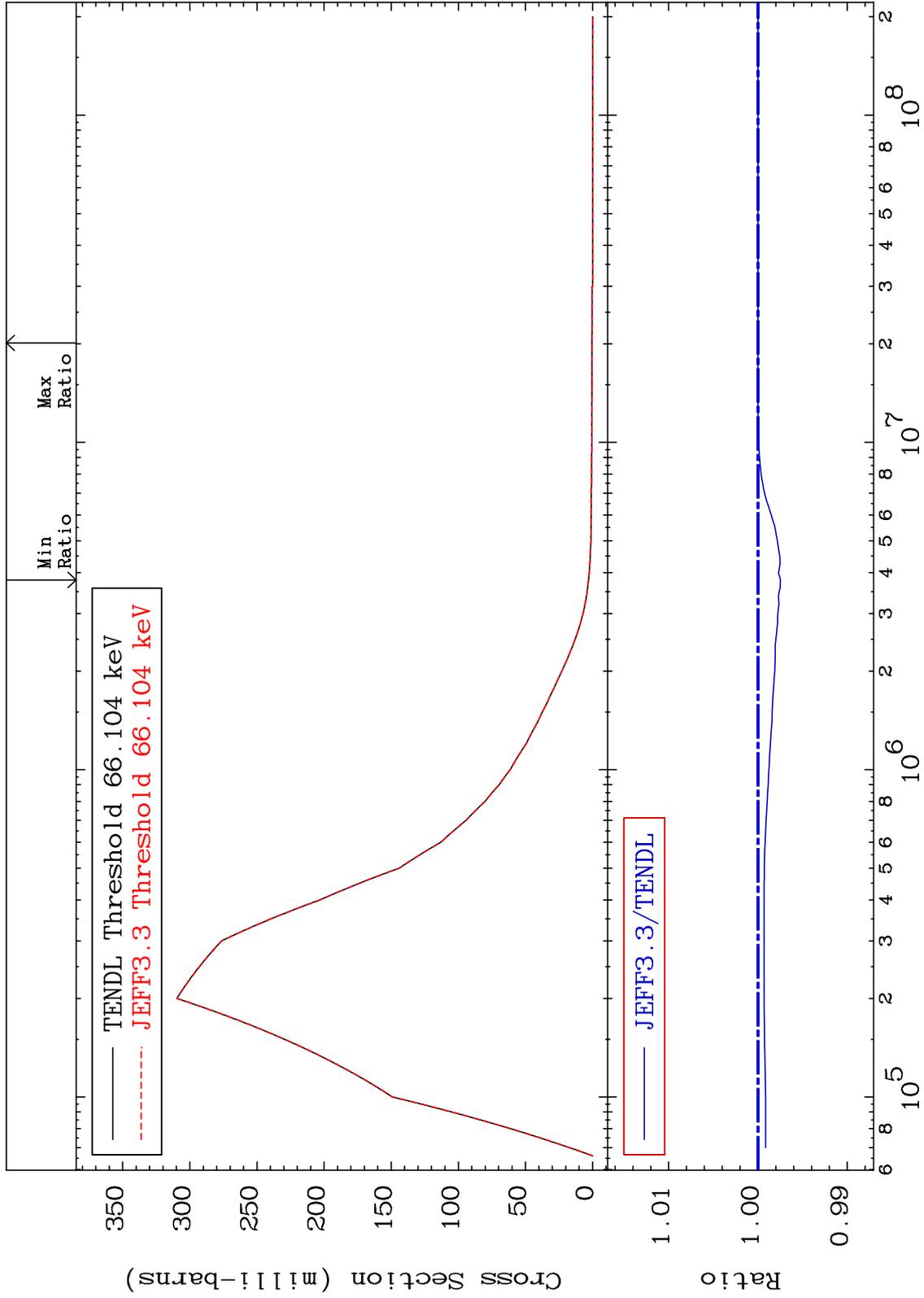
Incident Energy (eV)

43-Tc-98

MAT 4322

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

43-Tc-98
-0.251 To 0.000 %

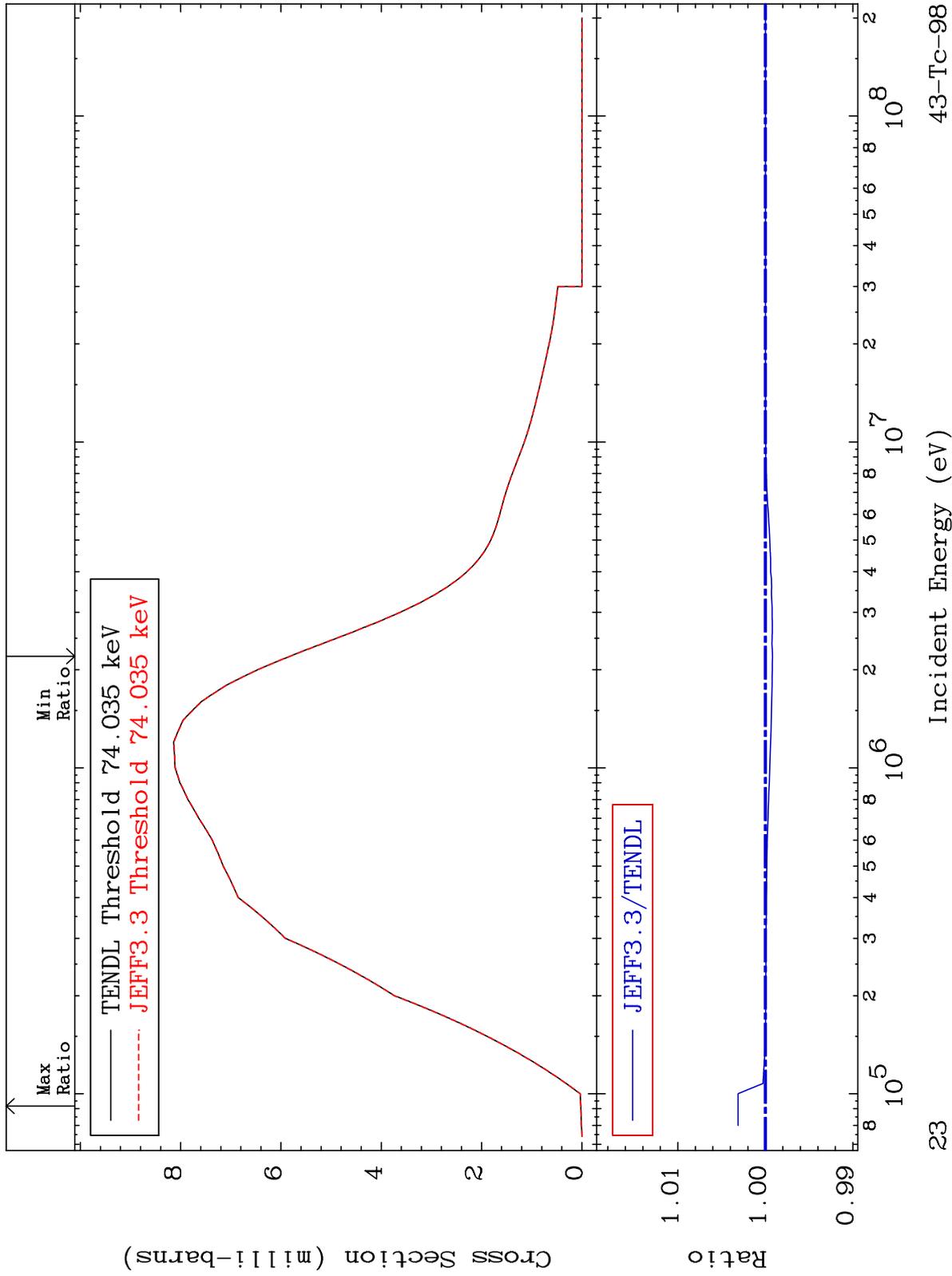


22

Incident Energy (eV)

43-Tc-98

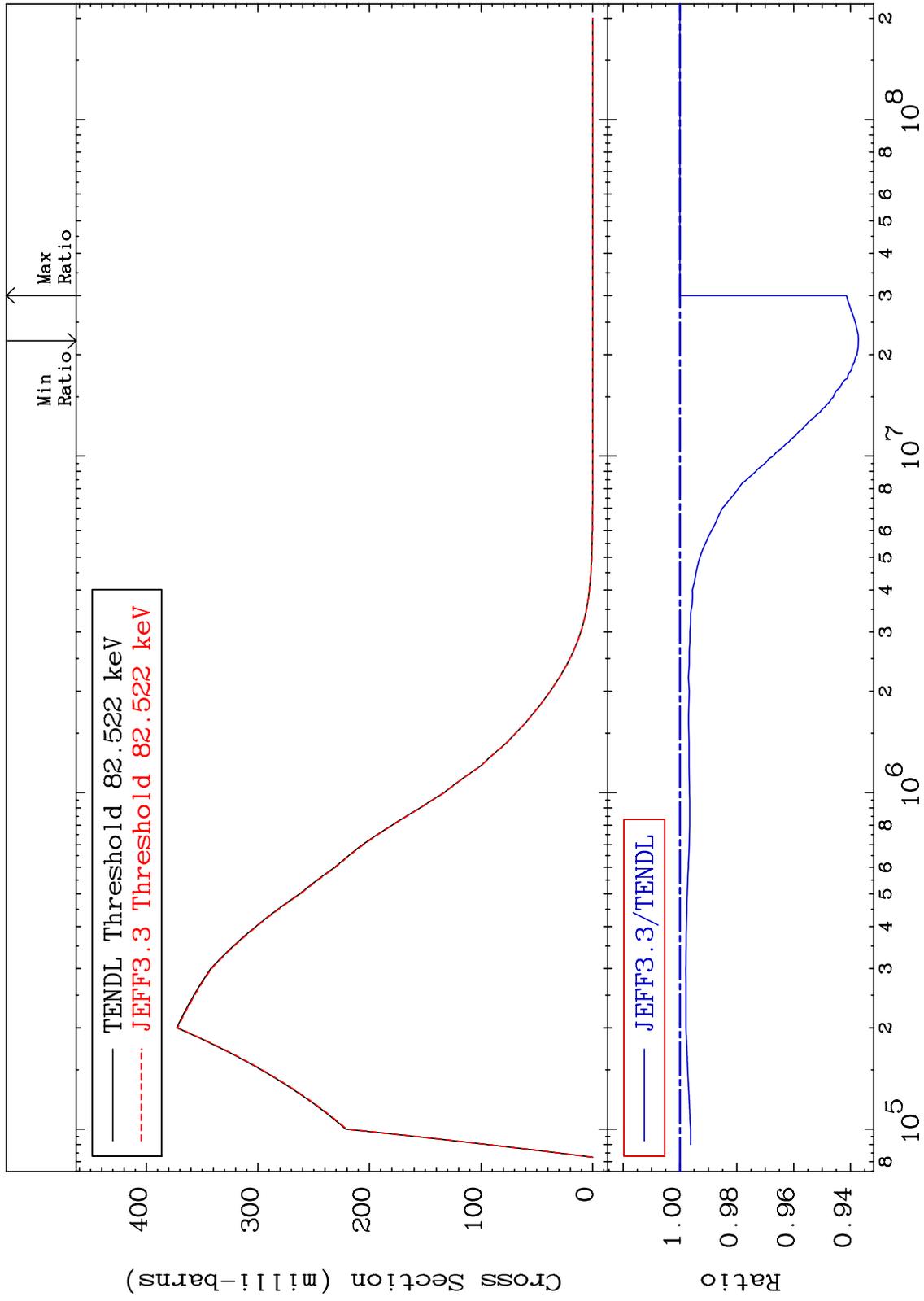
MAT 4322 MT= 53 (n,n') Level Cross Section -0.081 To 0.313 % 43-Tc-98



MAT 4322

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

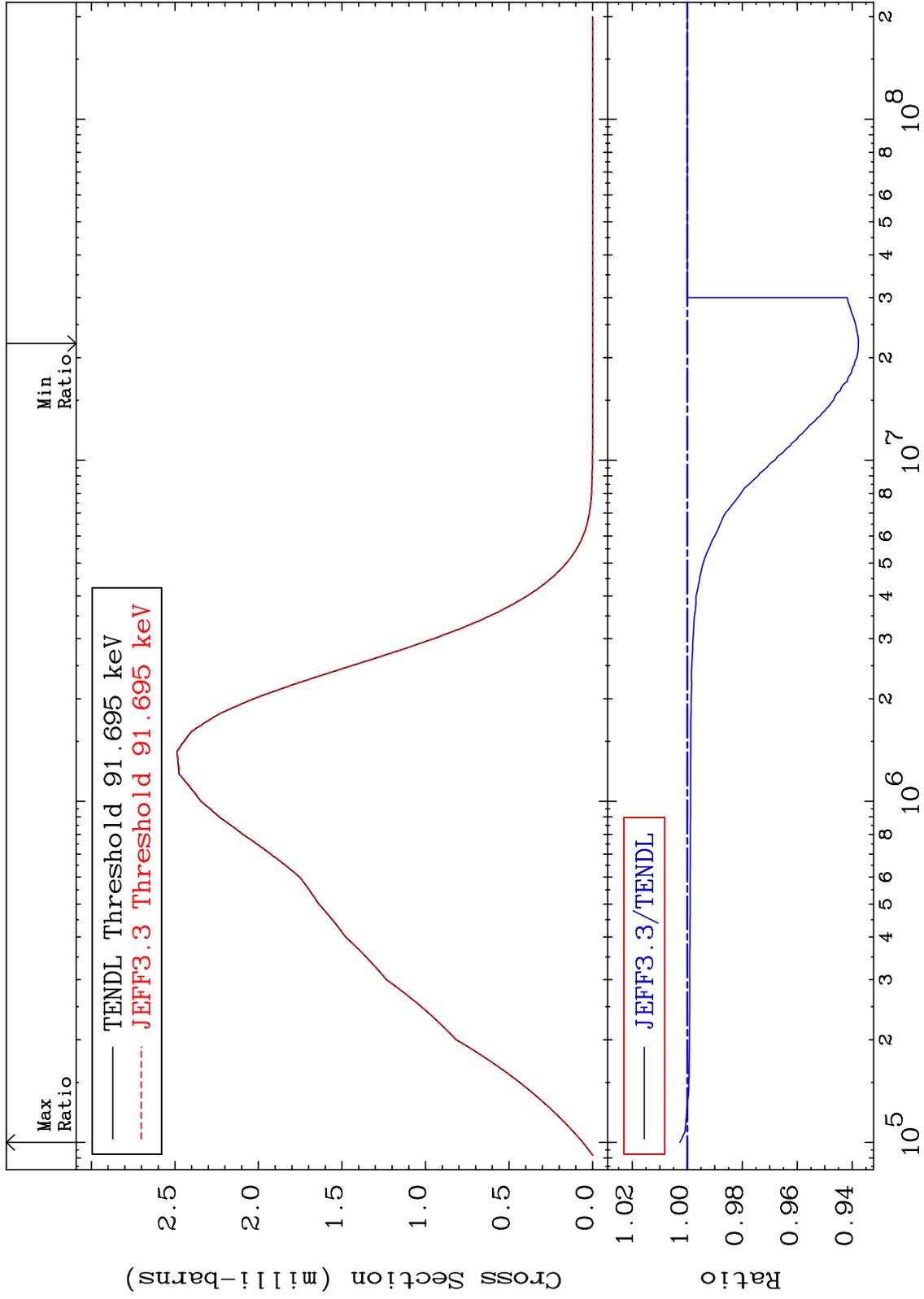
43-Tc-98
-6.276 To 0.000 %



MAT 4322

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

43-Tc-98
-6.225 To 0.268 %



25

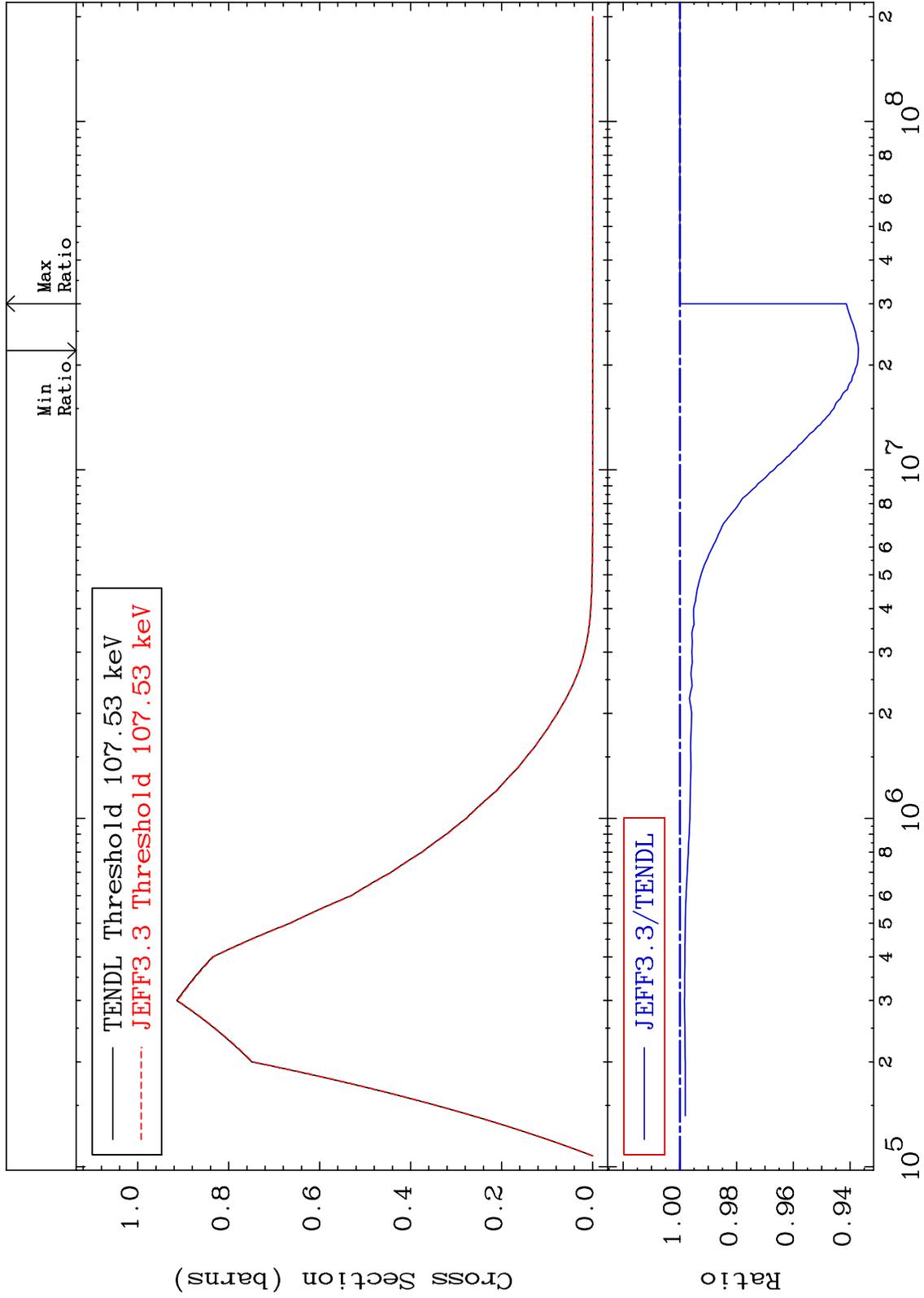
Incident Energy (eV)

43-Tc-98

MAT 4322

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

43-Tc-98
-6.294 To 0.000 %



26

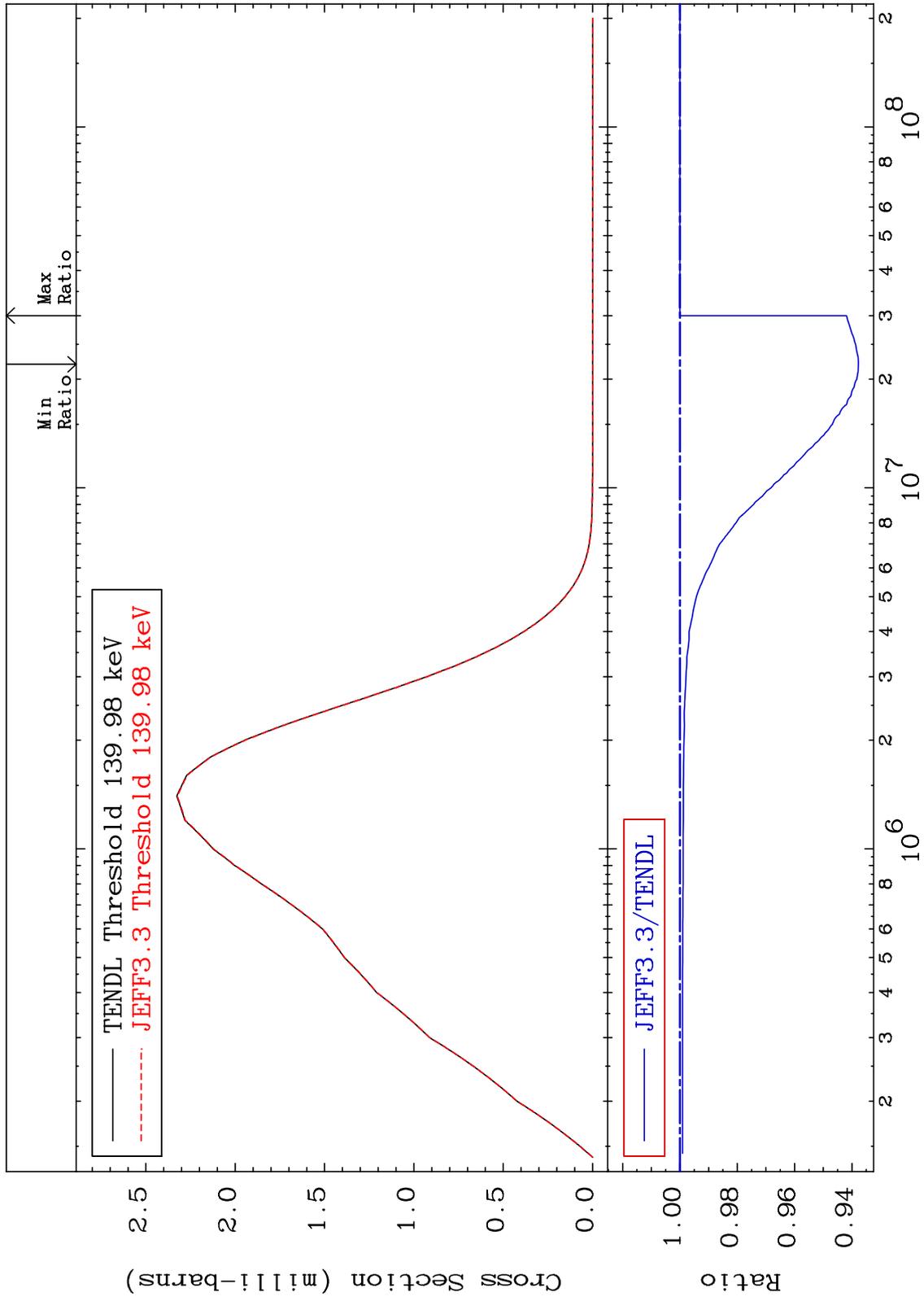
Incident Energy (eV)

43-Tc-98

MAT 4322

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

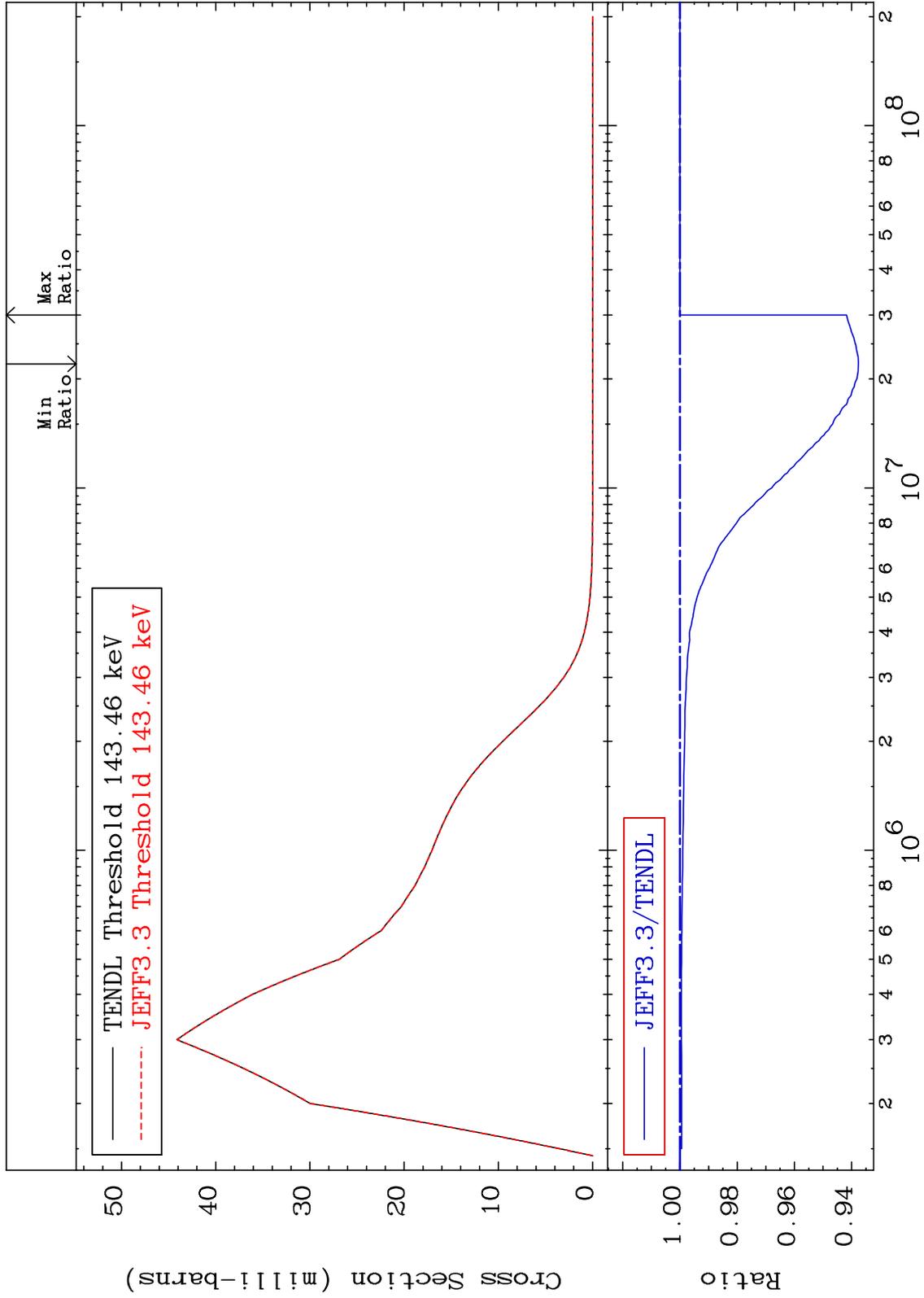
43-Tc-98
-6.225 To 0.000 %



MAT 4322

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

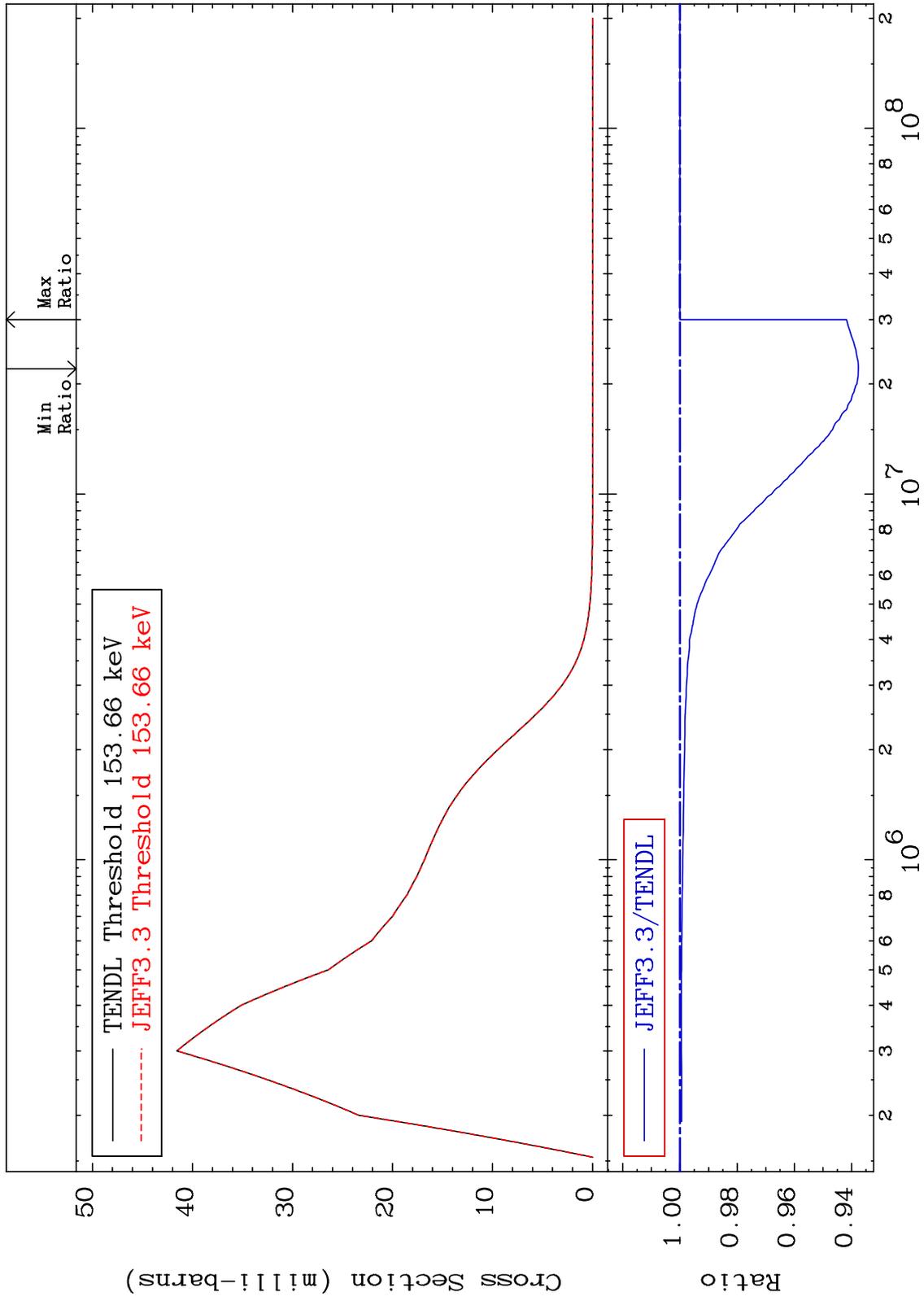
43-Tc-98
-6.234 To 0.000 %



MAT 4322

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

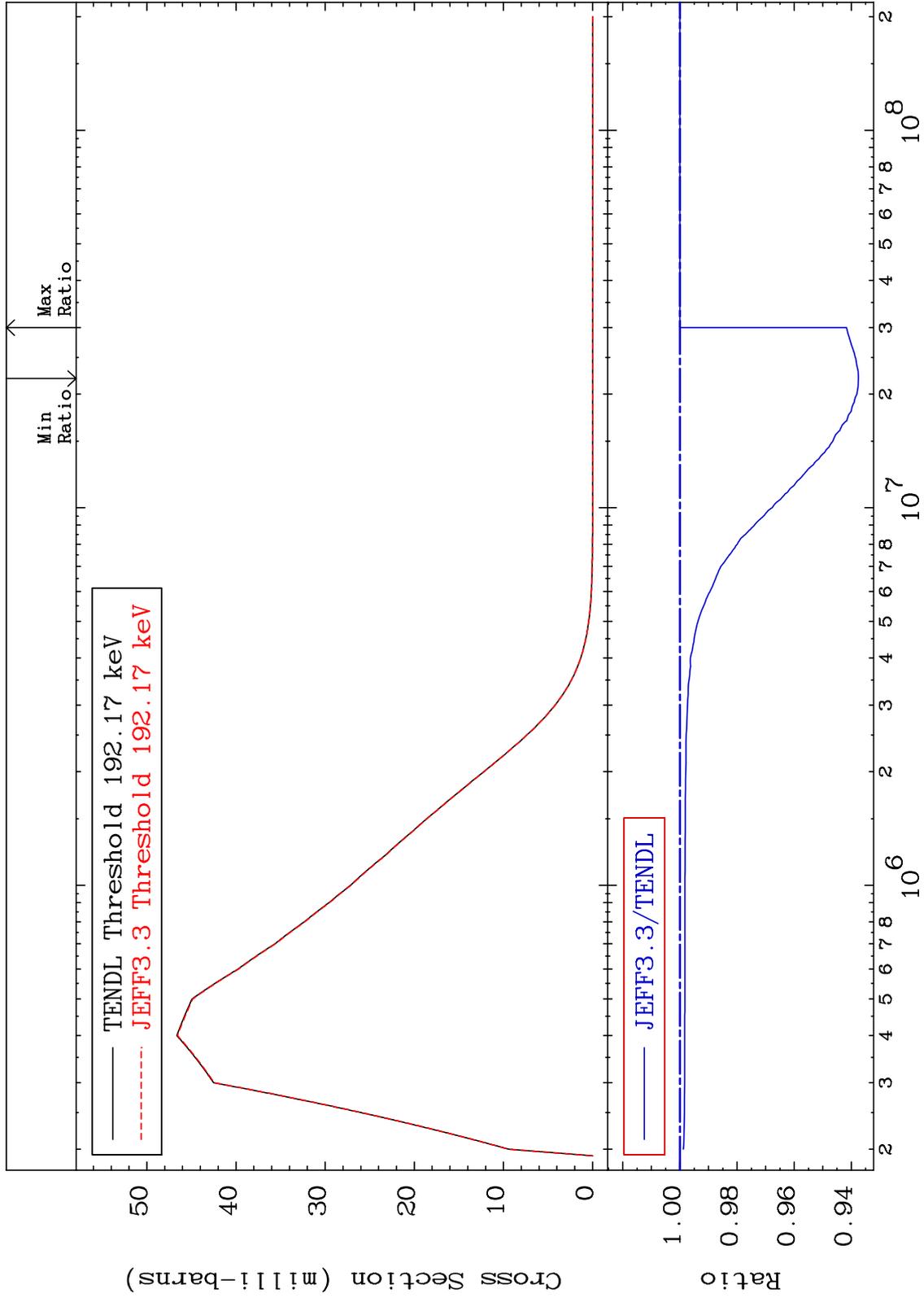
43-Tc-98
-6.234 To 0.000 %



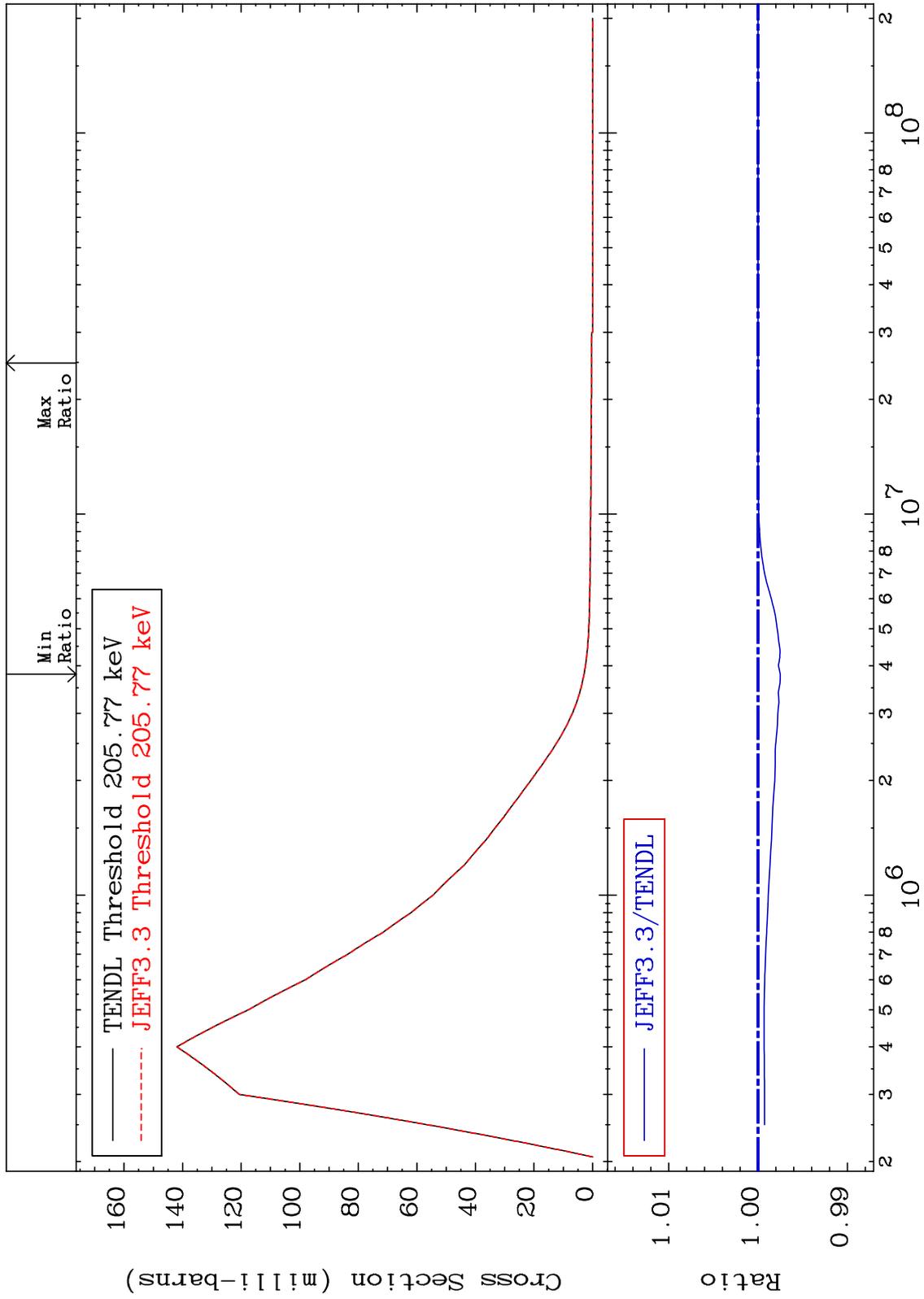
MAT 4322

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

43-Tc-98
-6.246 To 0.000 %



MAT 4322 MT= 61 (n,n') Level Cross Section -0.249 To 0.000 % 43-Tc-98



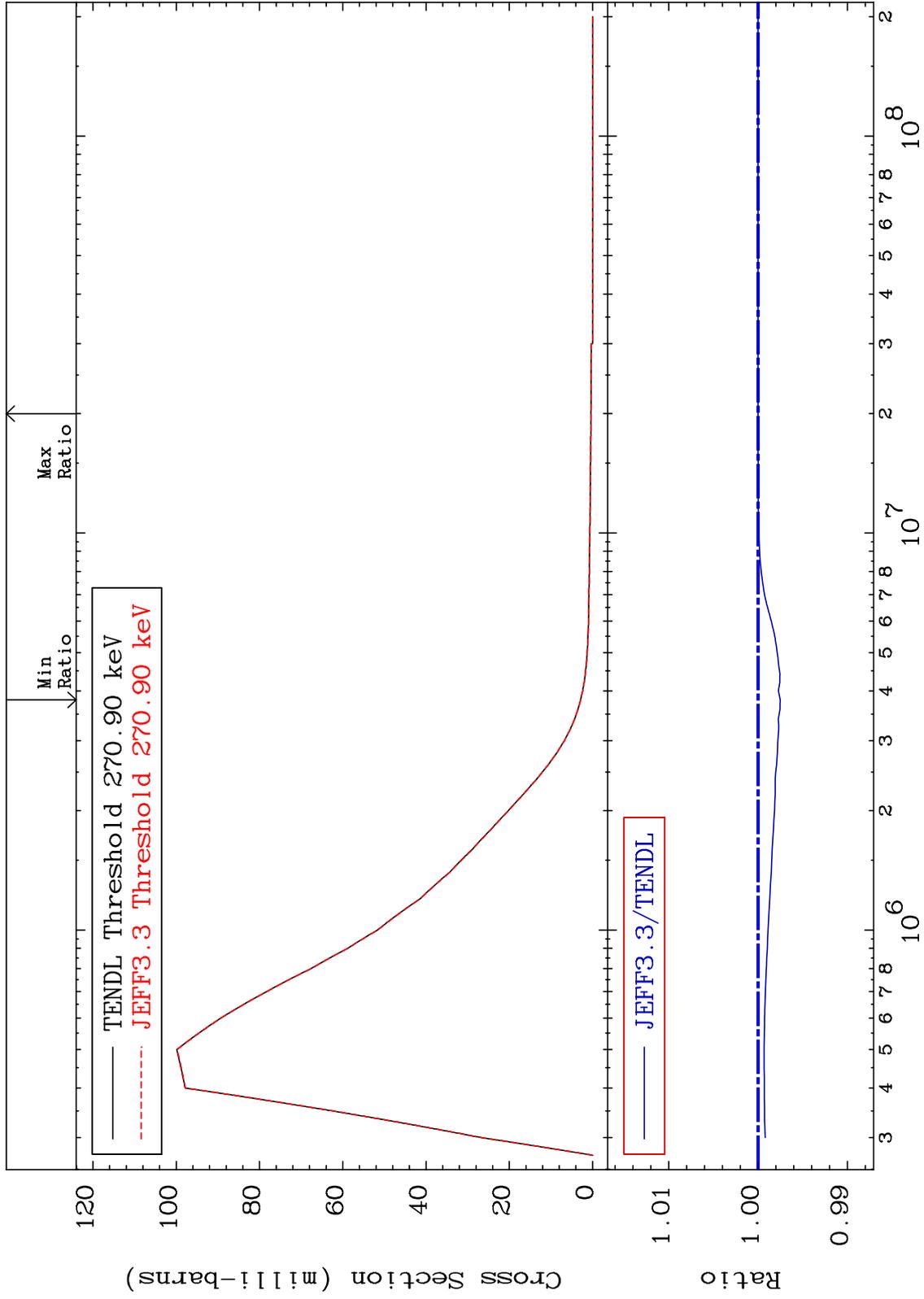
MAT 4322

MT= 62 (n,n') Level

43-Tc-98

-0.248 To 0.000 %

Cross Section



32

Incident Energy (eV)

43-Tc-98

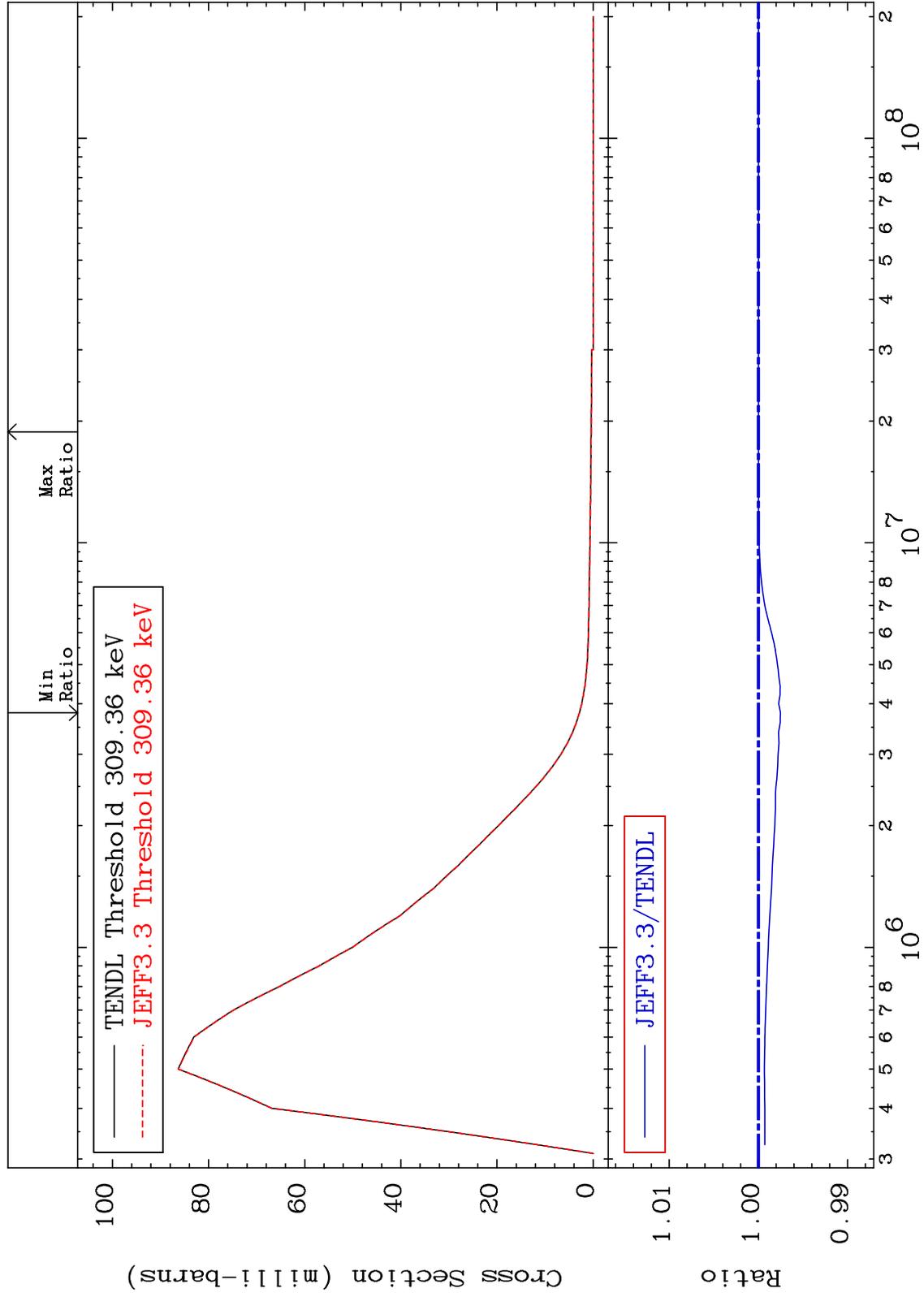
MAT 4322

MT= 63 (n,n') Level

43-Tc-98

-0.248 To 0.000 %

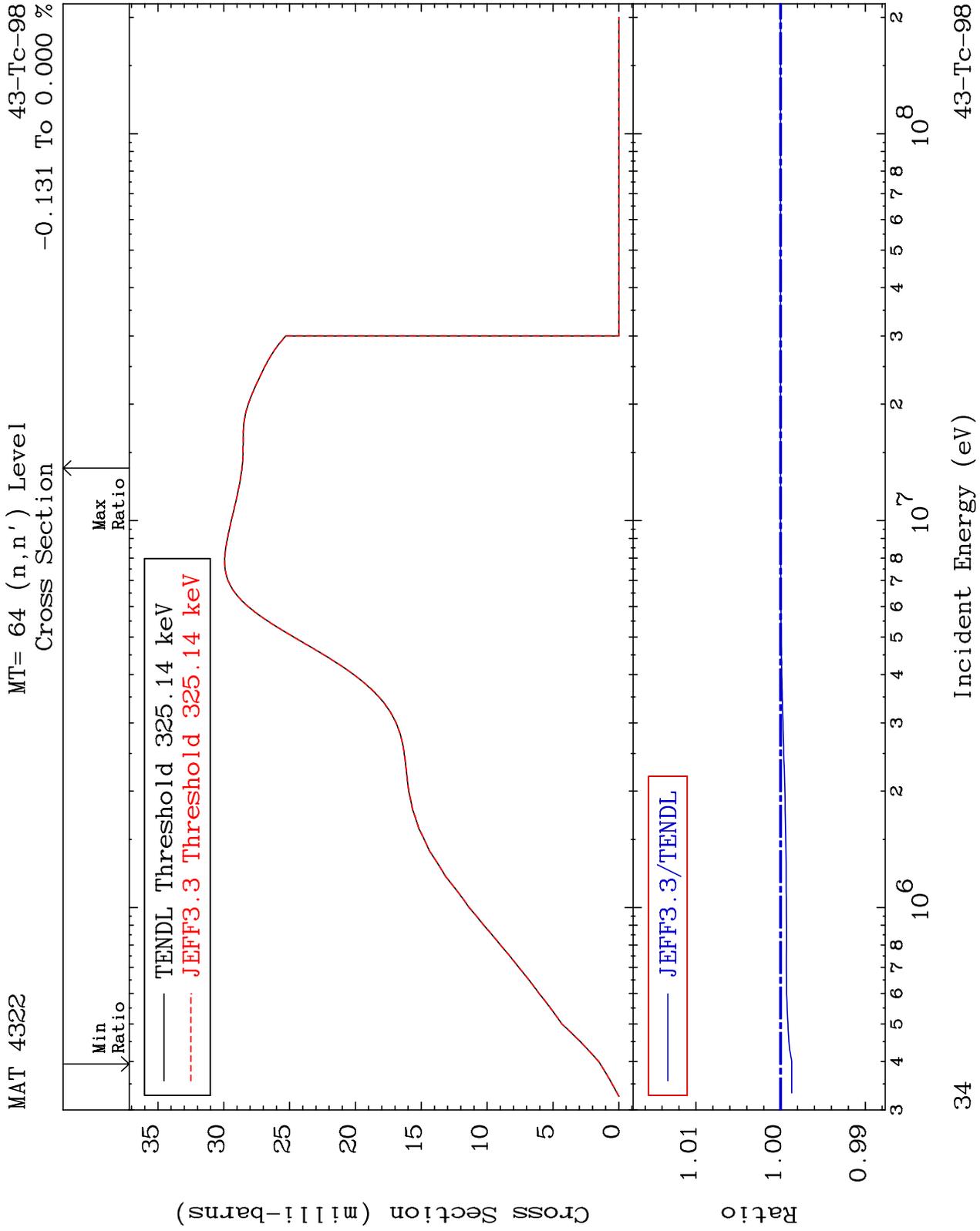
Cross Section



33

Incident Energy (eV)

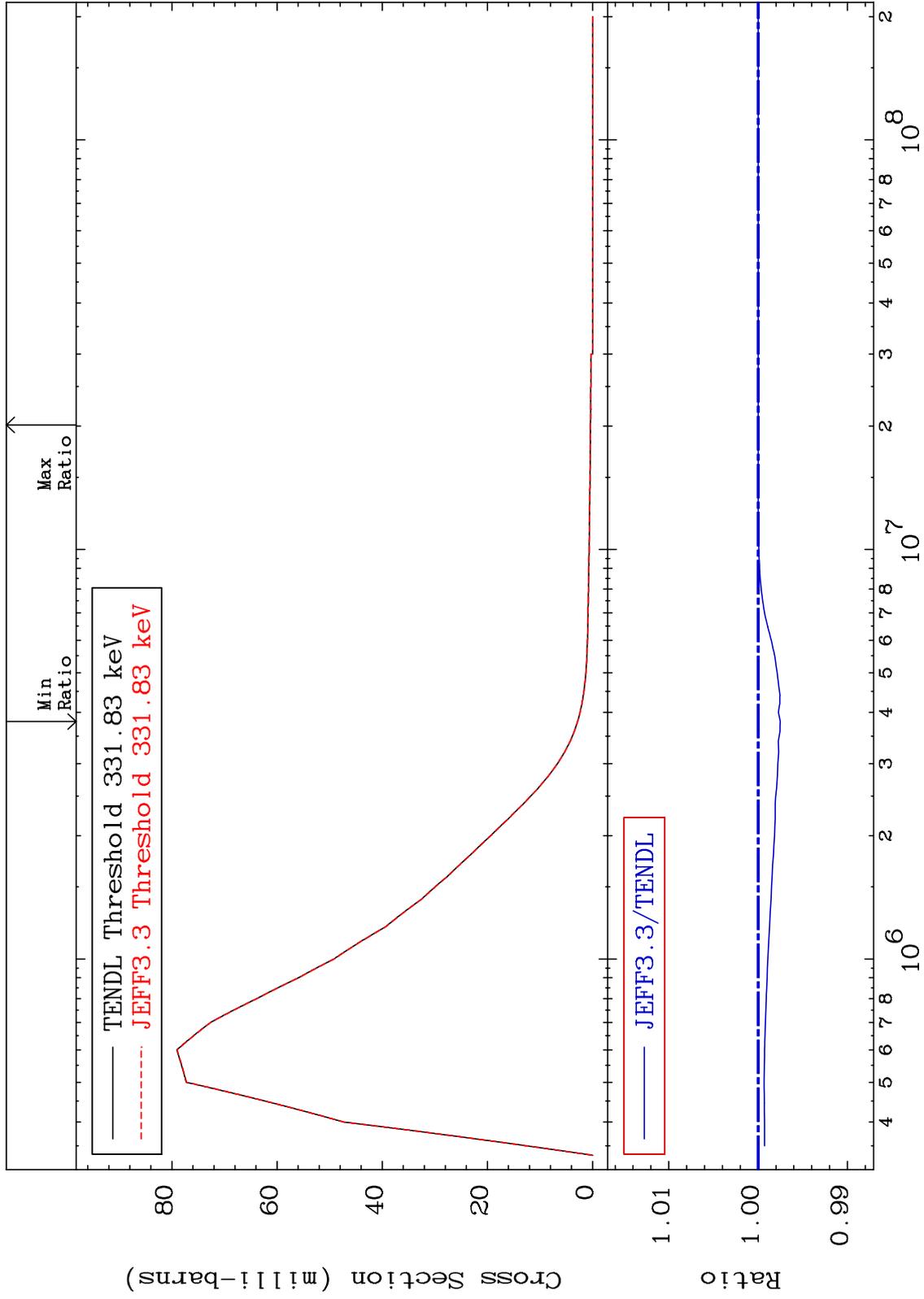
43-Tc-98



MAT 4322

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

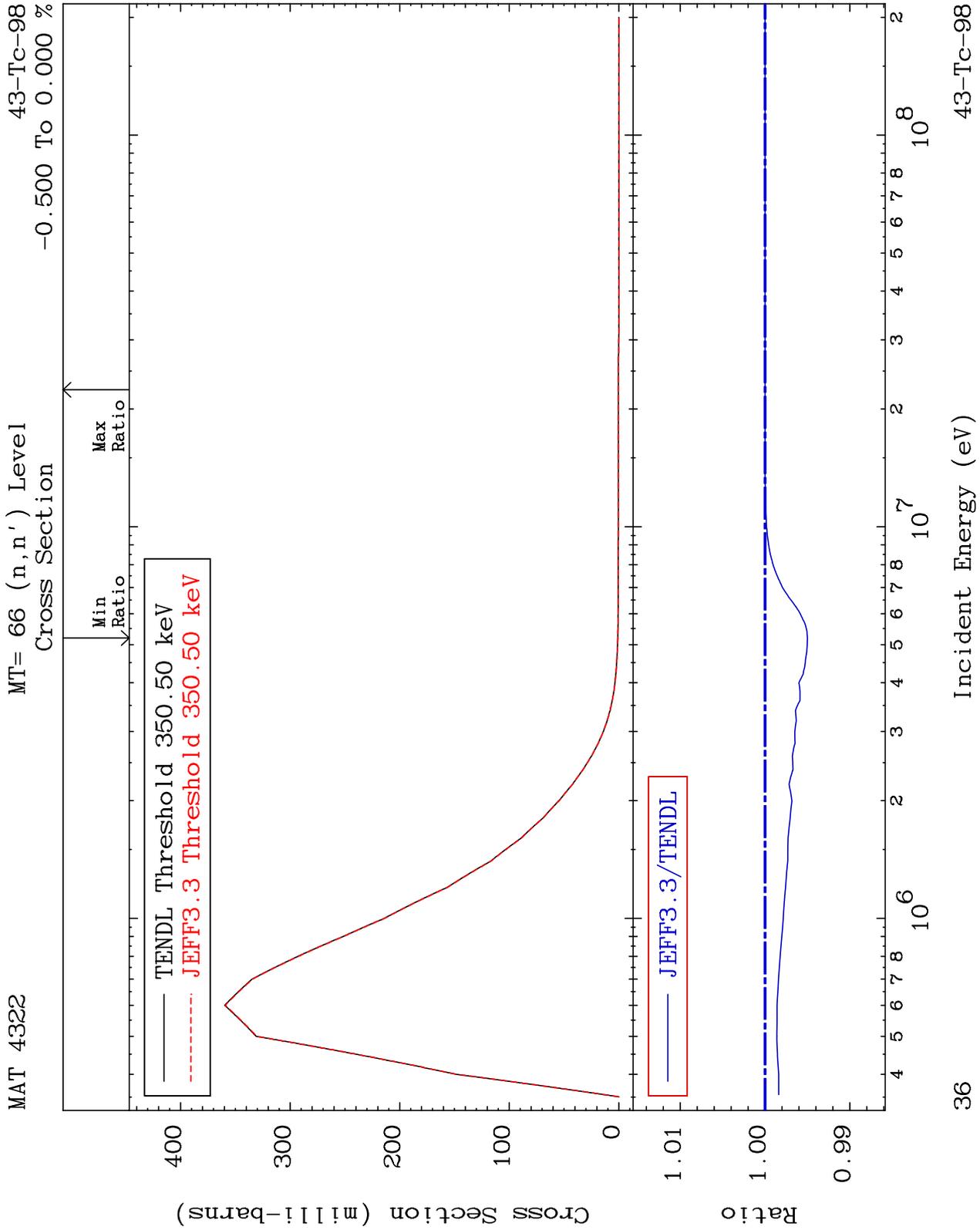
43-Tc-98
-0.247 To 0.000 %



35

Incident Energy (eV)

43-Tc-98



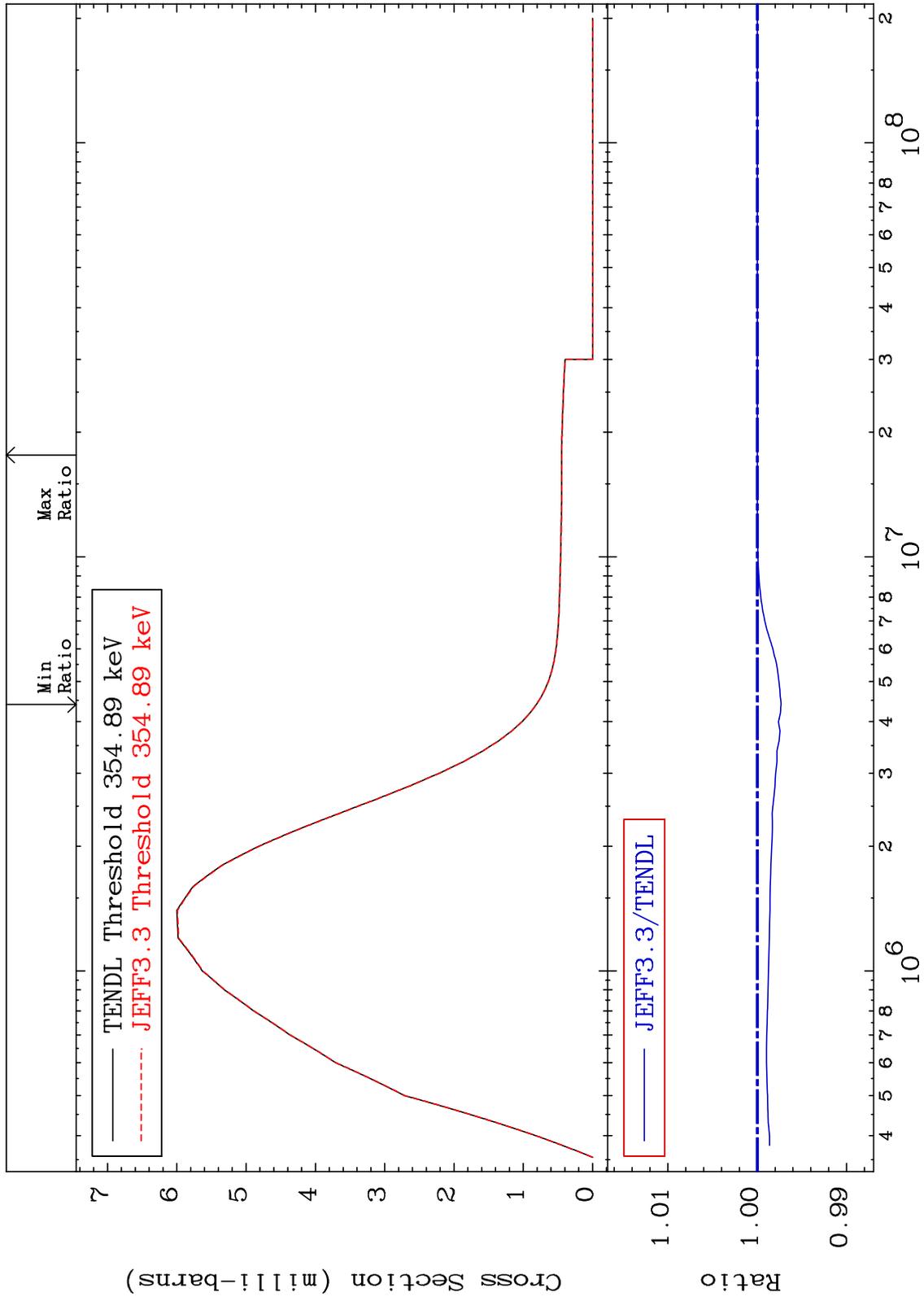
MAT 4322

MT= 67 (n,n') Level

43-Tc-98

-0.267 To 0.000 %

Cross Section



37

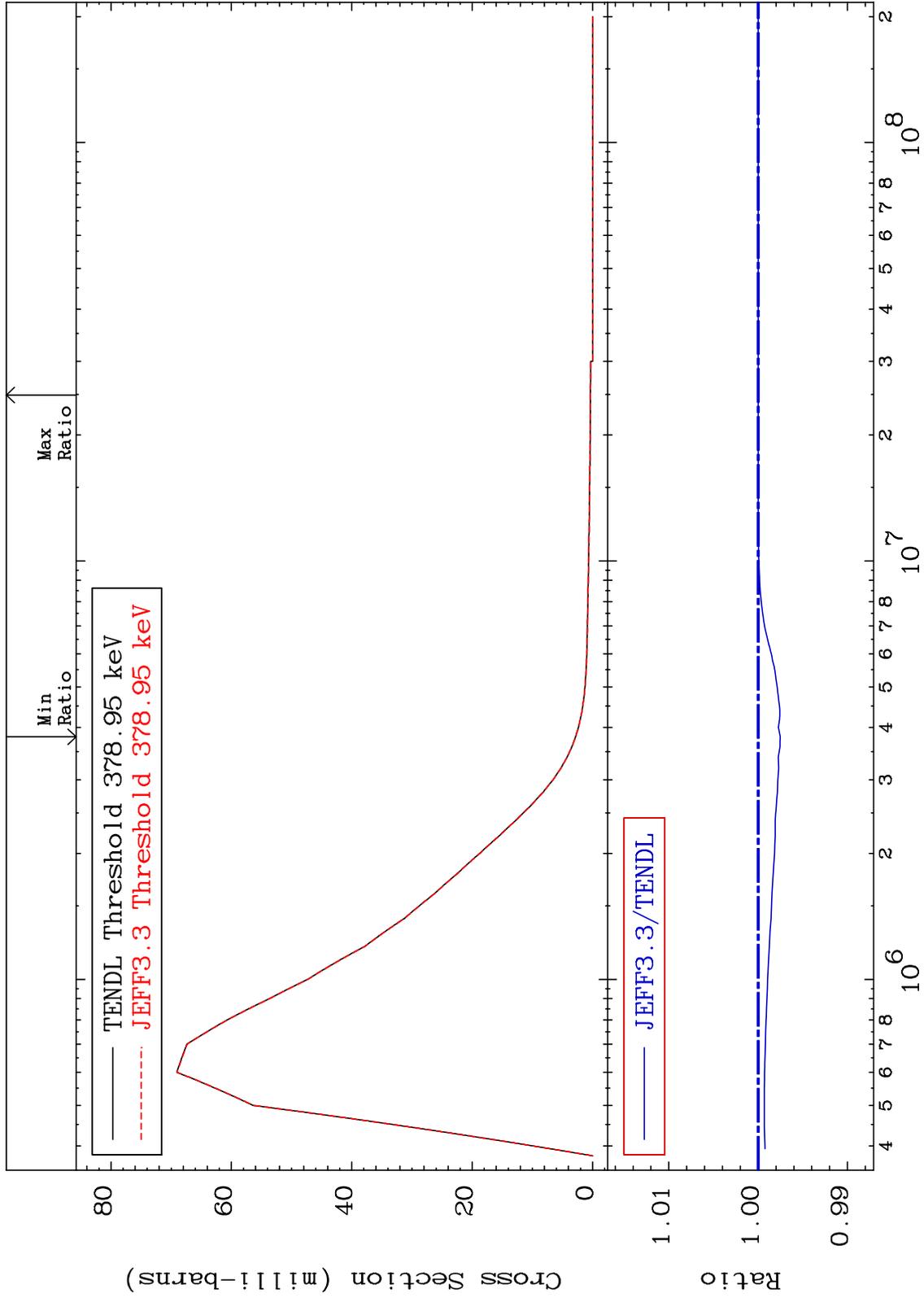
Incident Energy (eV)

43-Tc-98

MAT 4322

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

43-Tc-98
-0.247 To 0.000 %



38

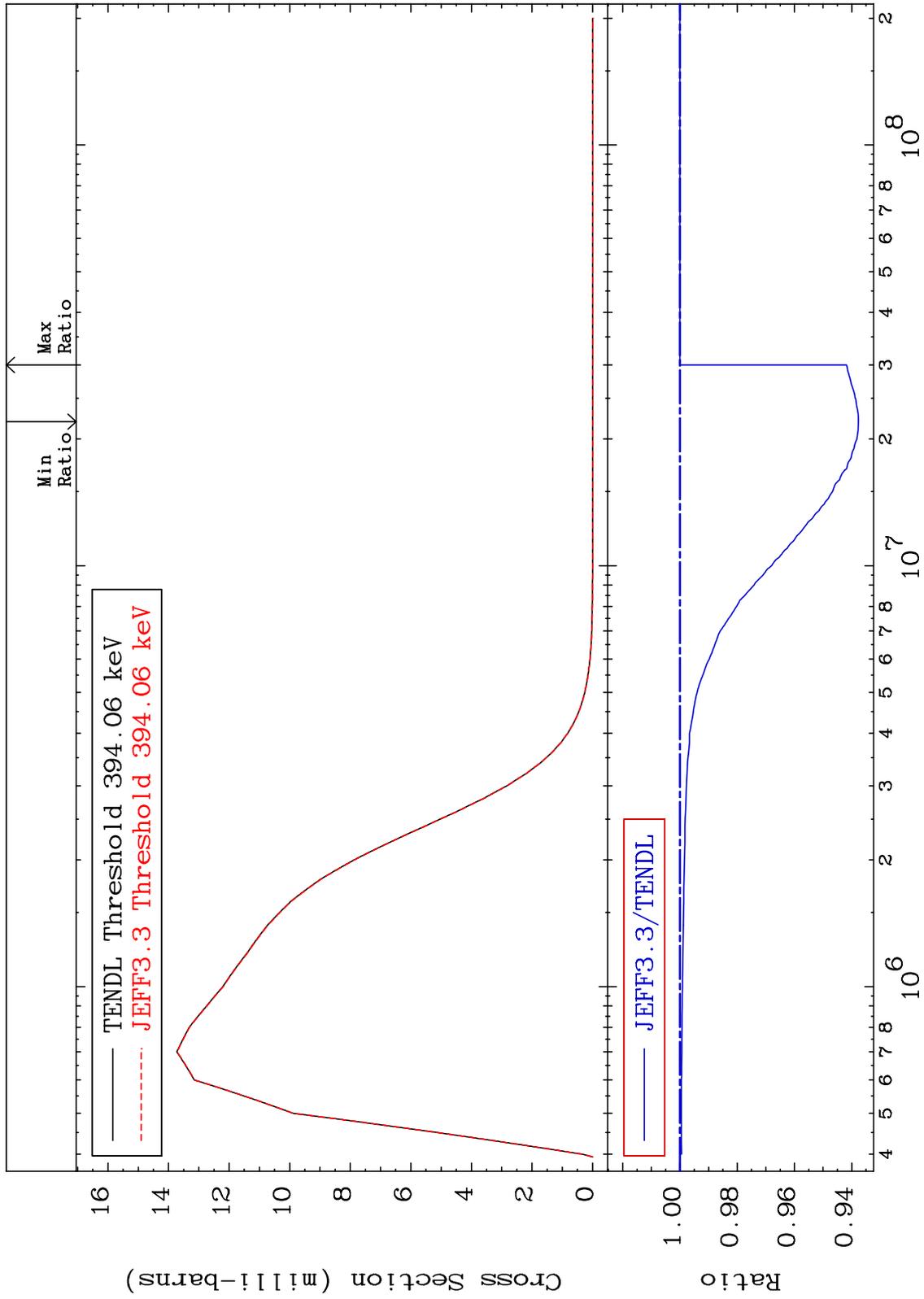
Incident Energy (eV)

43-Tc-98

MAT 4322

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

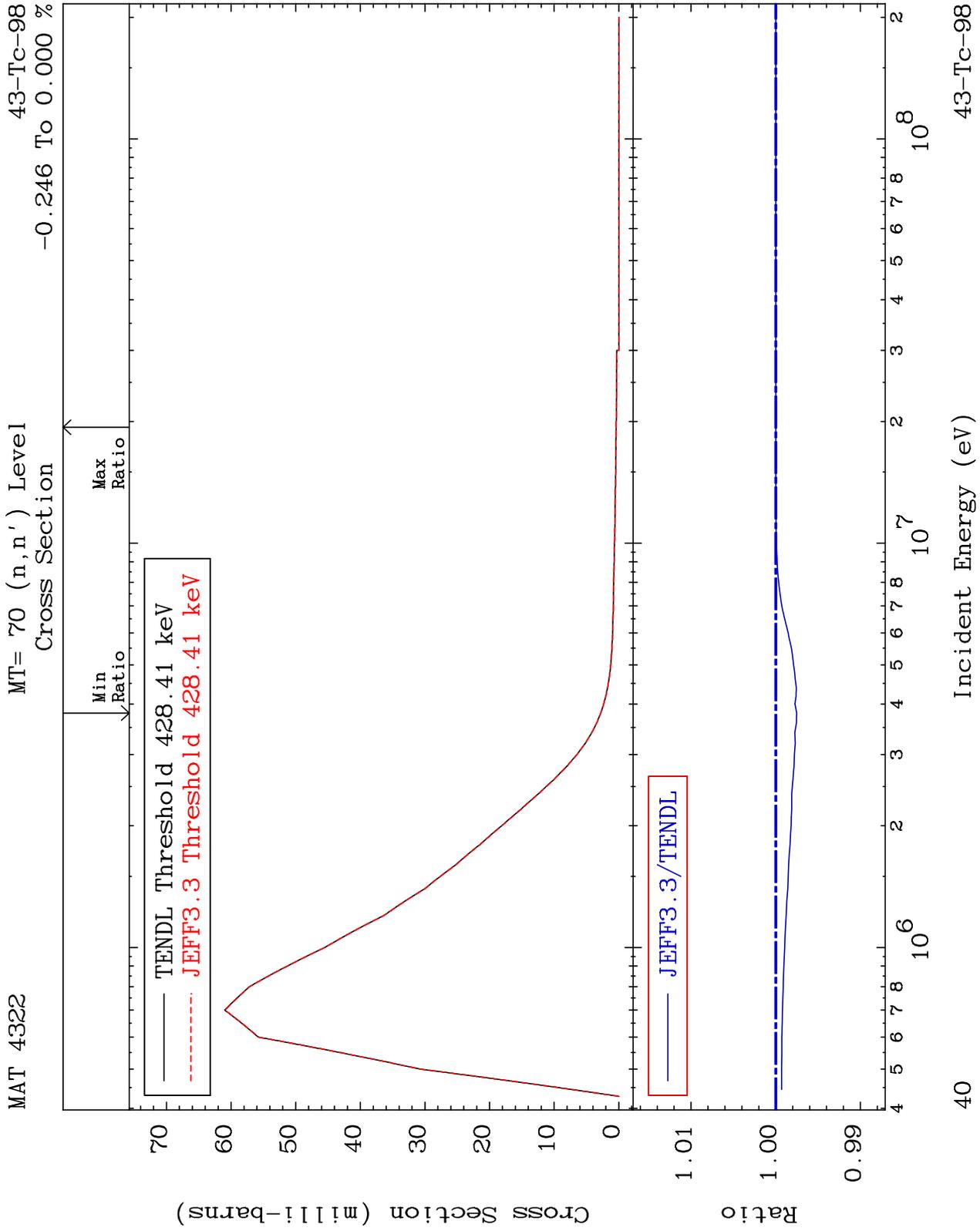
43-Tc-98
-6.234 To 0.000 %



39

Incident Energy (eV)

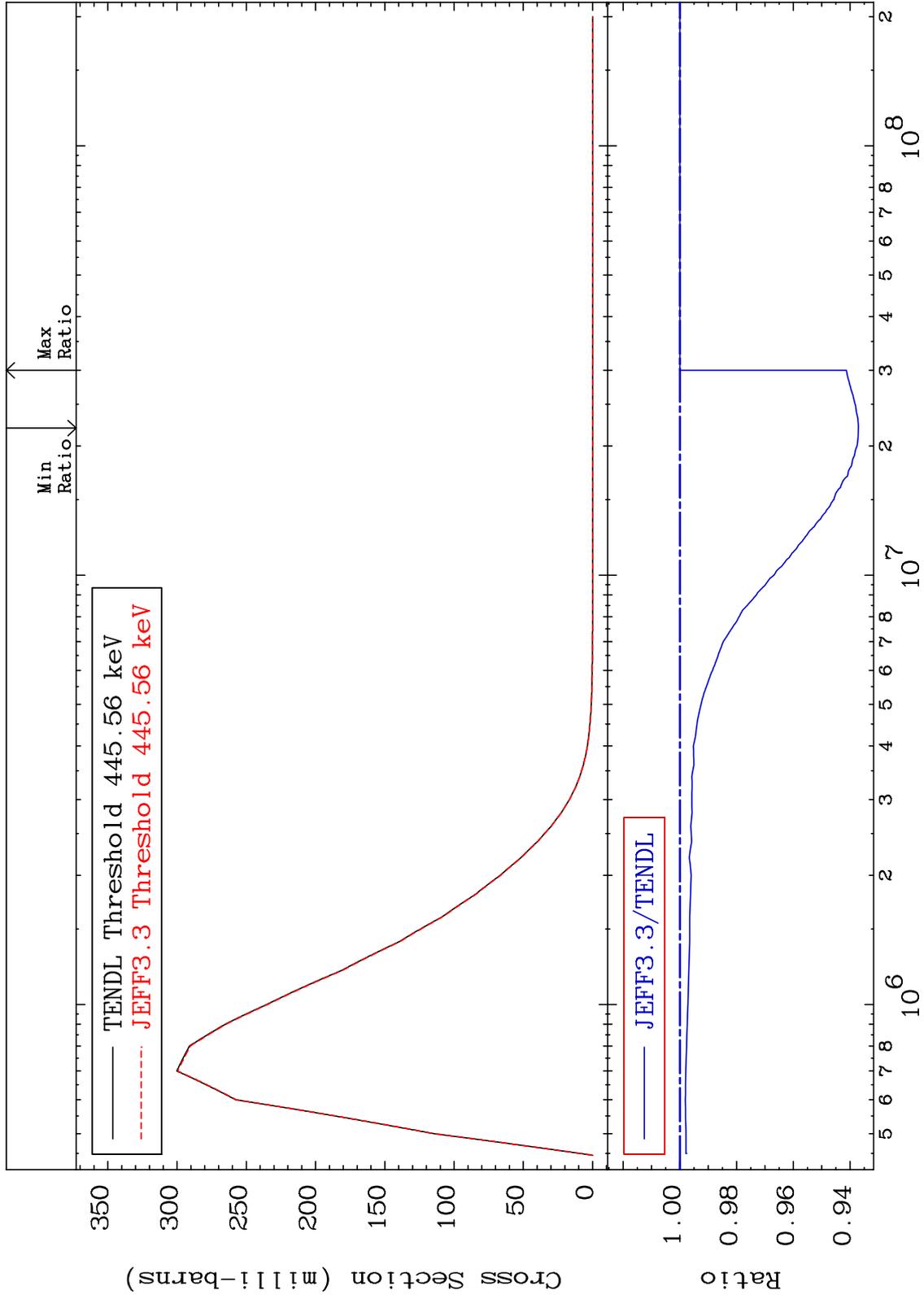
43-Tc-98



MAT 4322

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

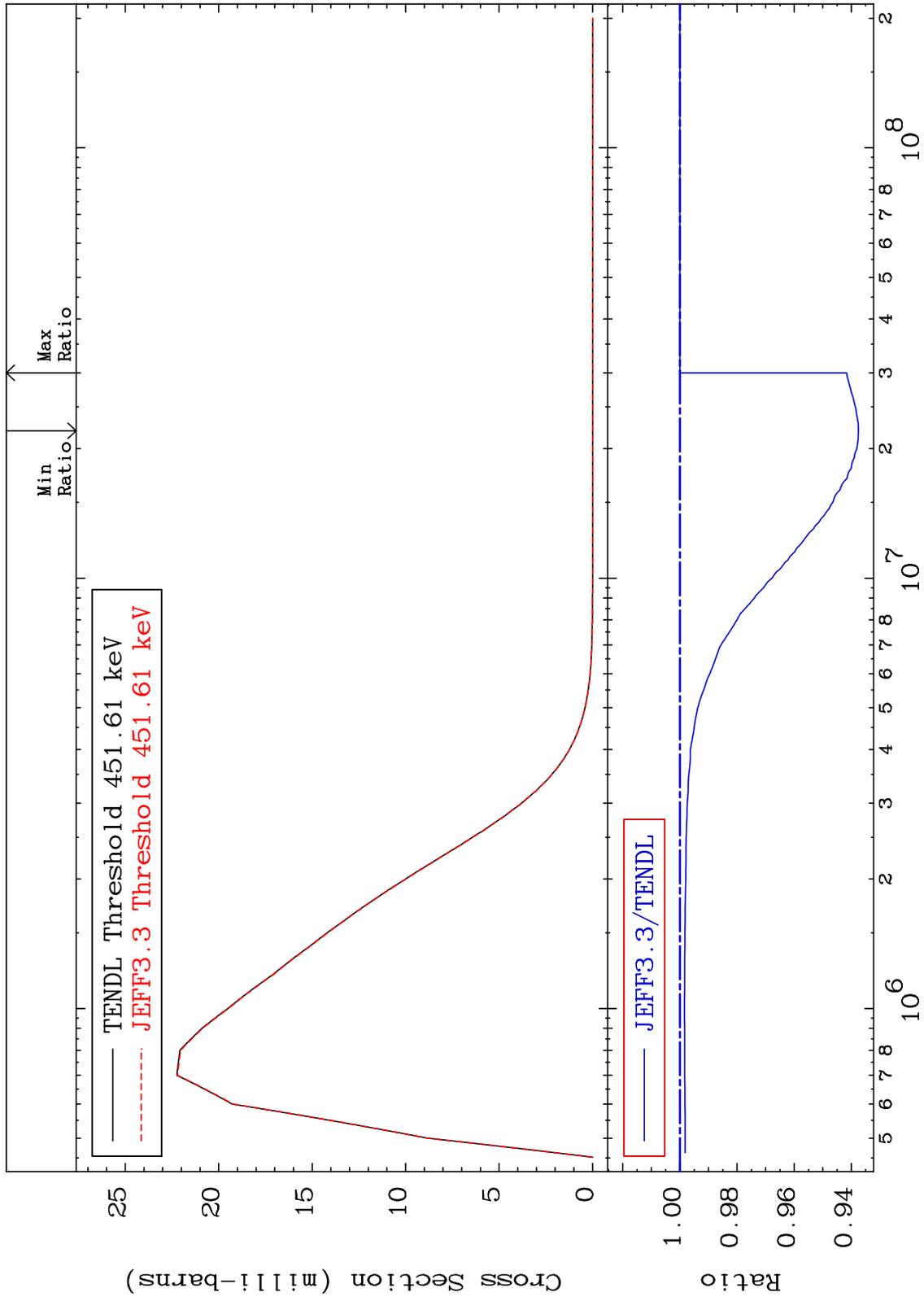
43-Tc-98
-6.294 To 0.000 %



MAT 4322

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

43-Tc-98
-6.246 To 0.000 %



42

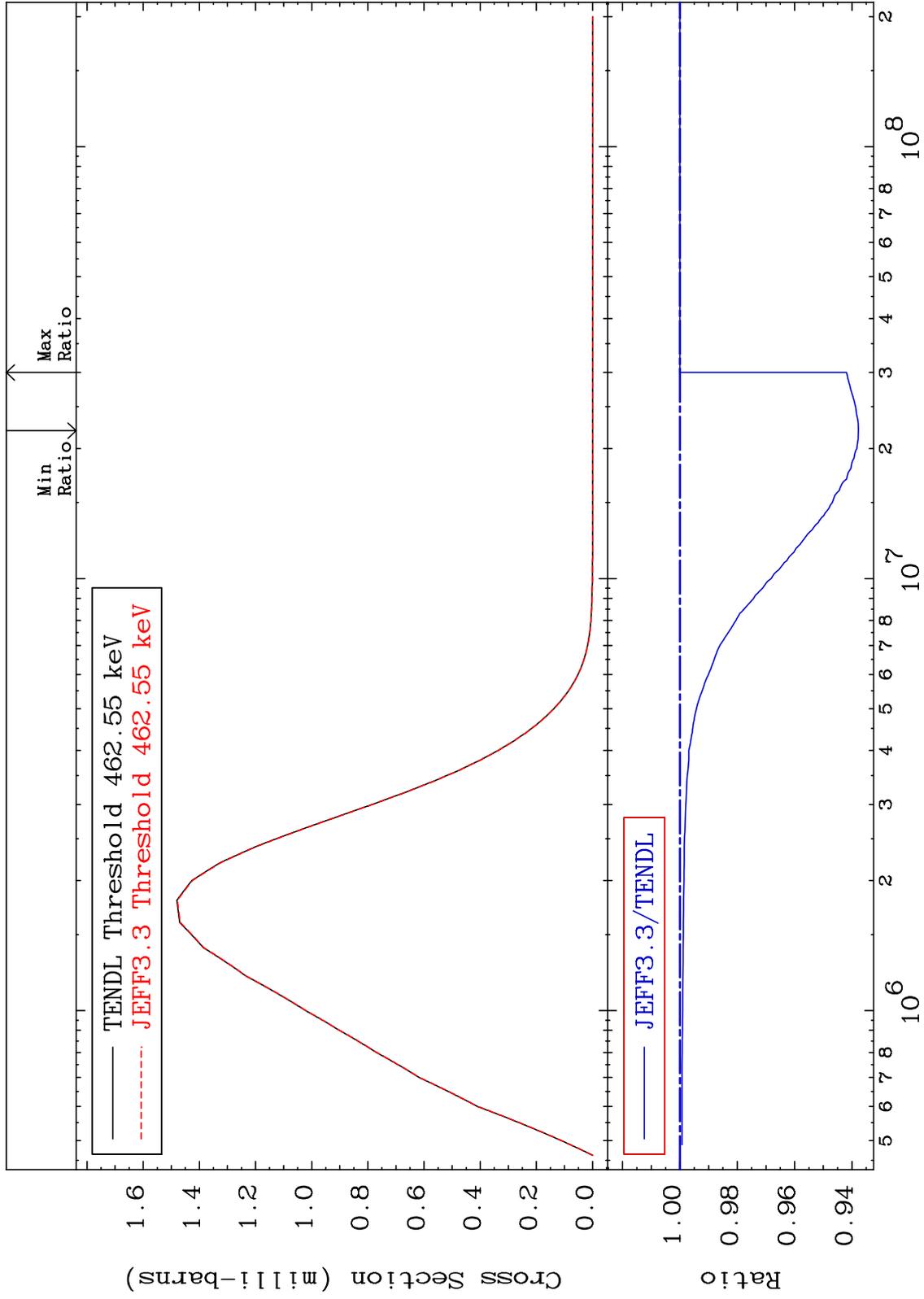
Incident Energy (eV)

43-Tc-98

MAT 4322

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

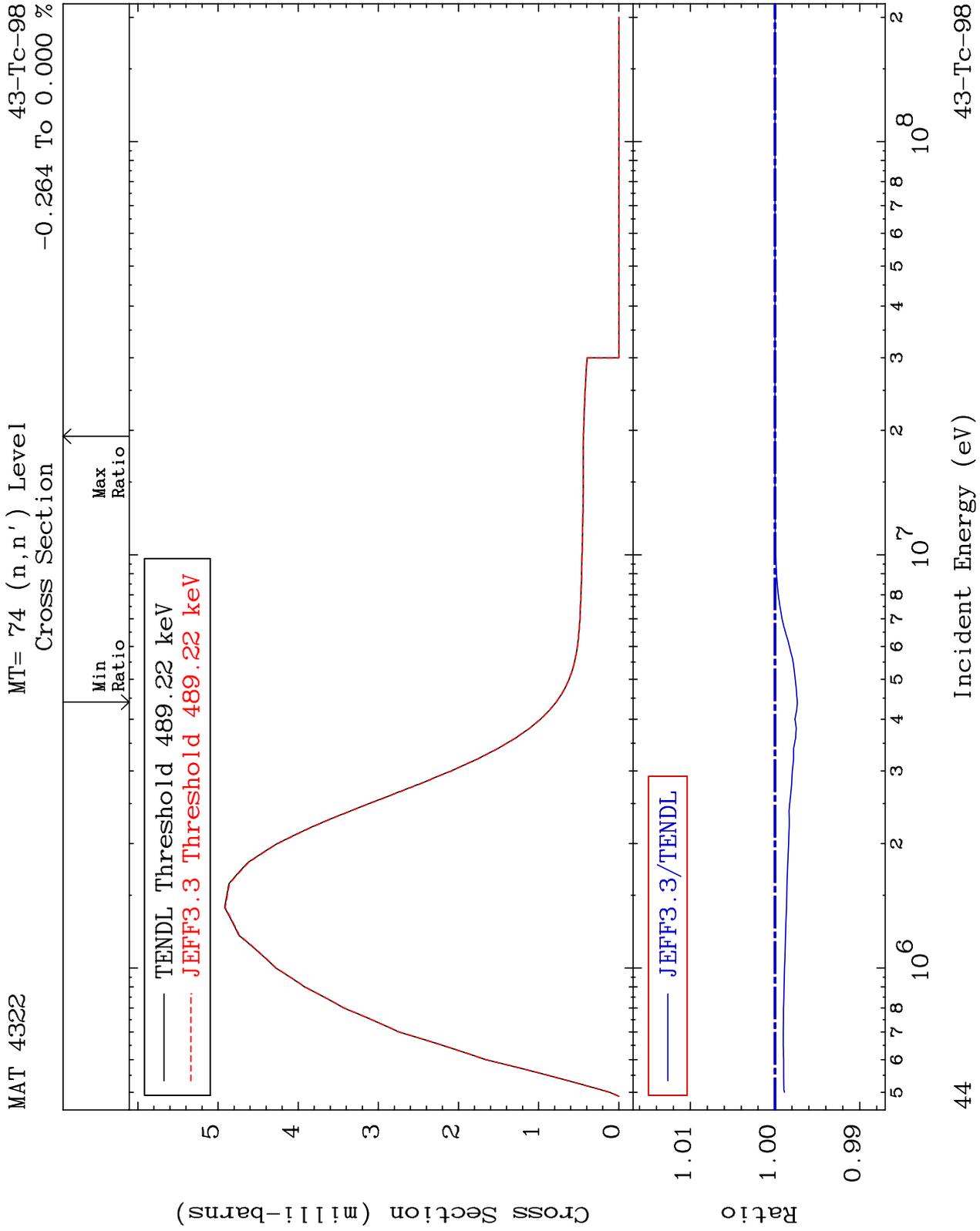
43-Tc-98
-6.224 To 0.000 %



43

Incident Energy (eV)

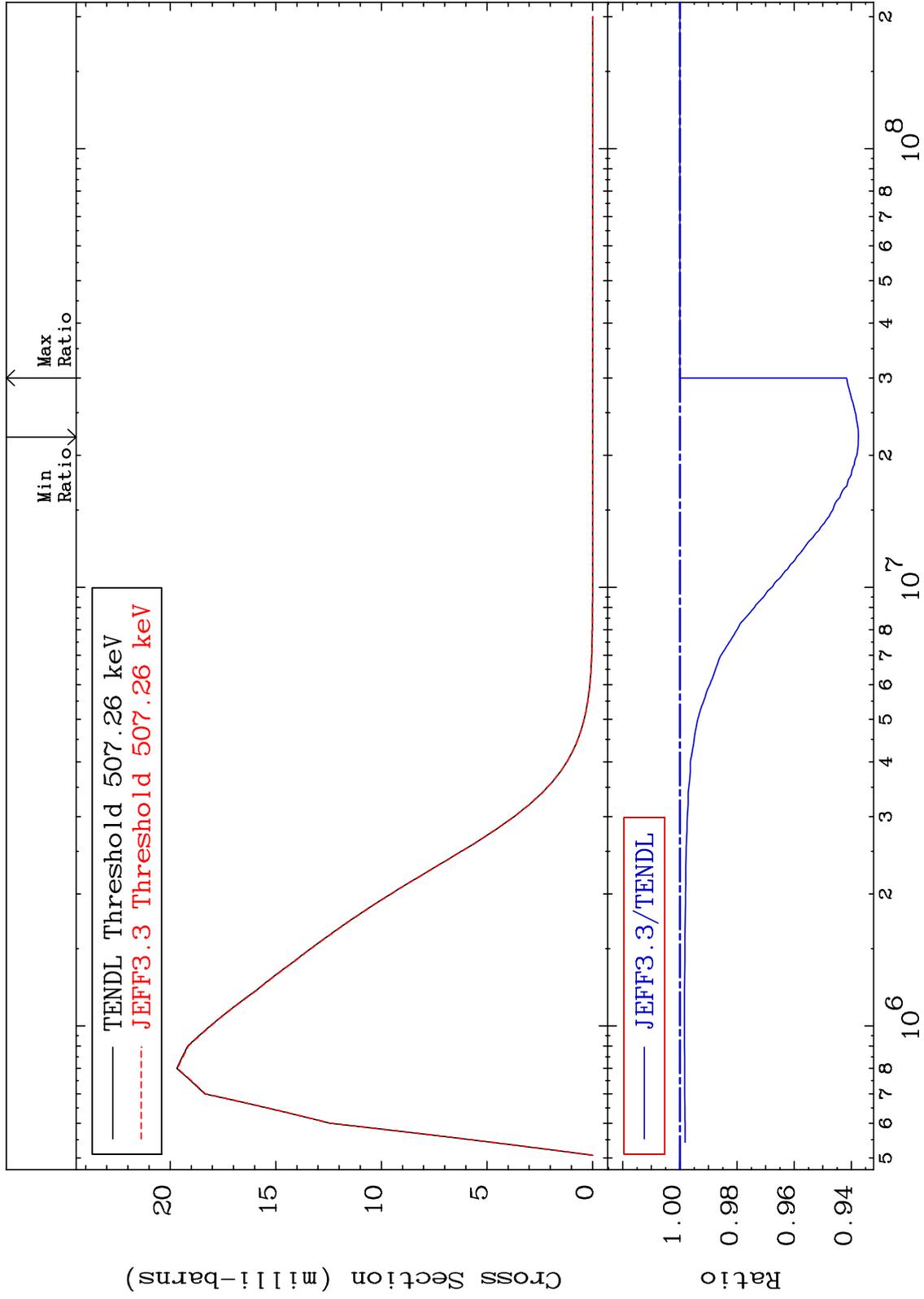
43-Tc-98



MAT 4322

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

43-Tc-98
-6.246 To 0.000 %



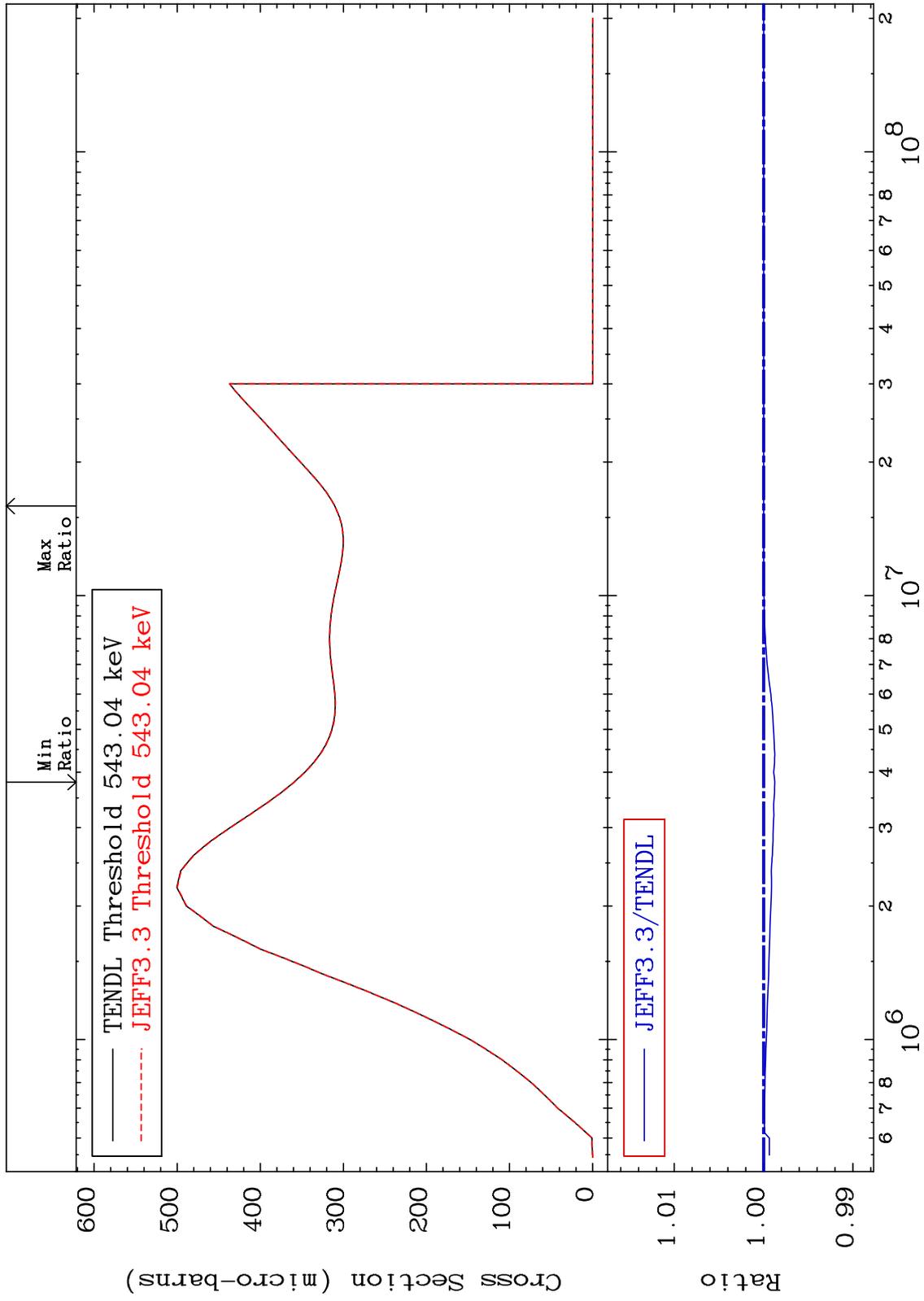
MAT 4322

MT= 76 (n,n') Level

43-Tc-98

-0.125 To 0.000 %

Cross Section



46

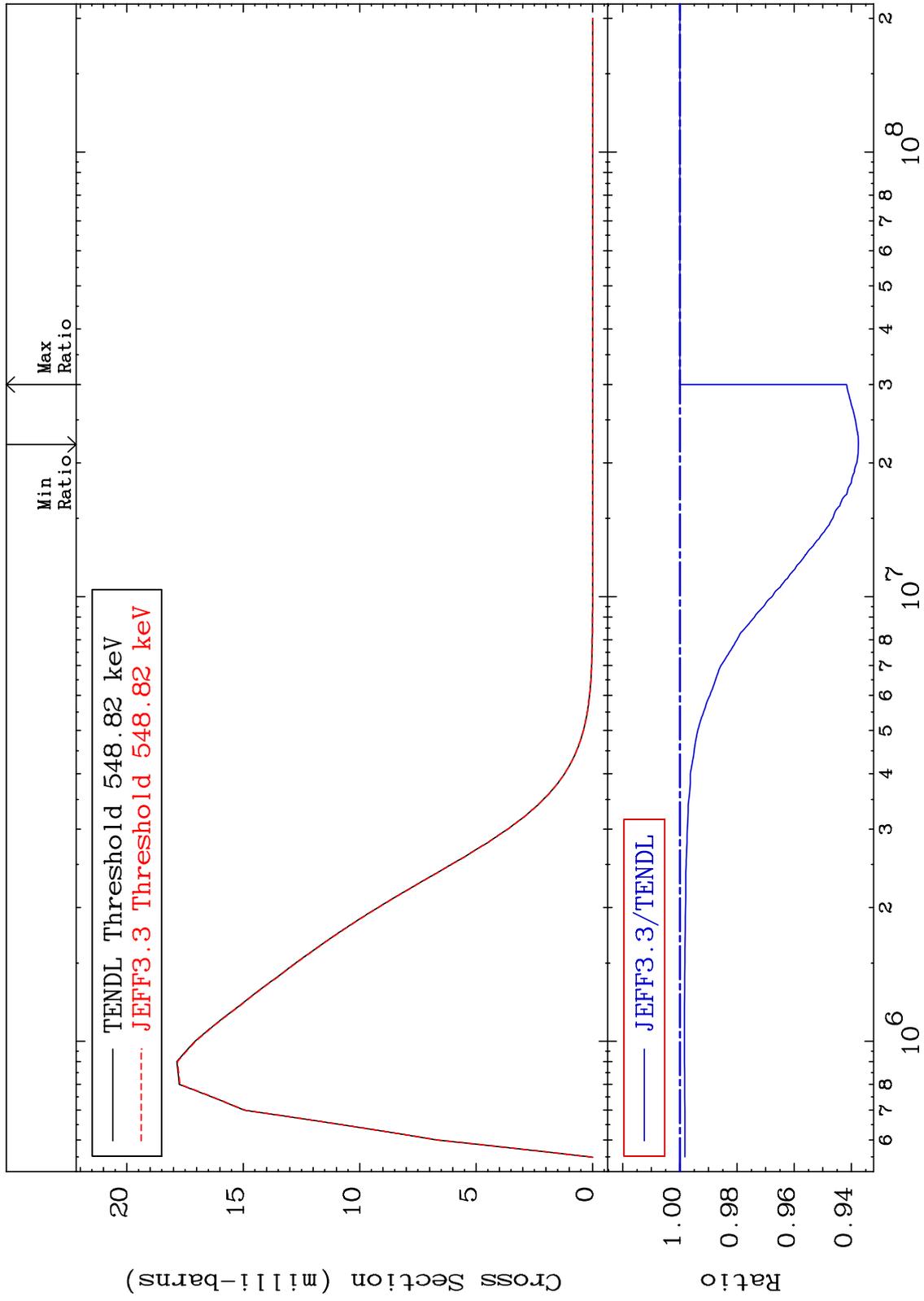
Incident Energy (eV)

43-Tc-98

MAT 4322

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

43-Tc-98
-6.246 To 0.000 %



47

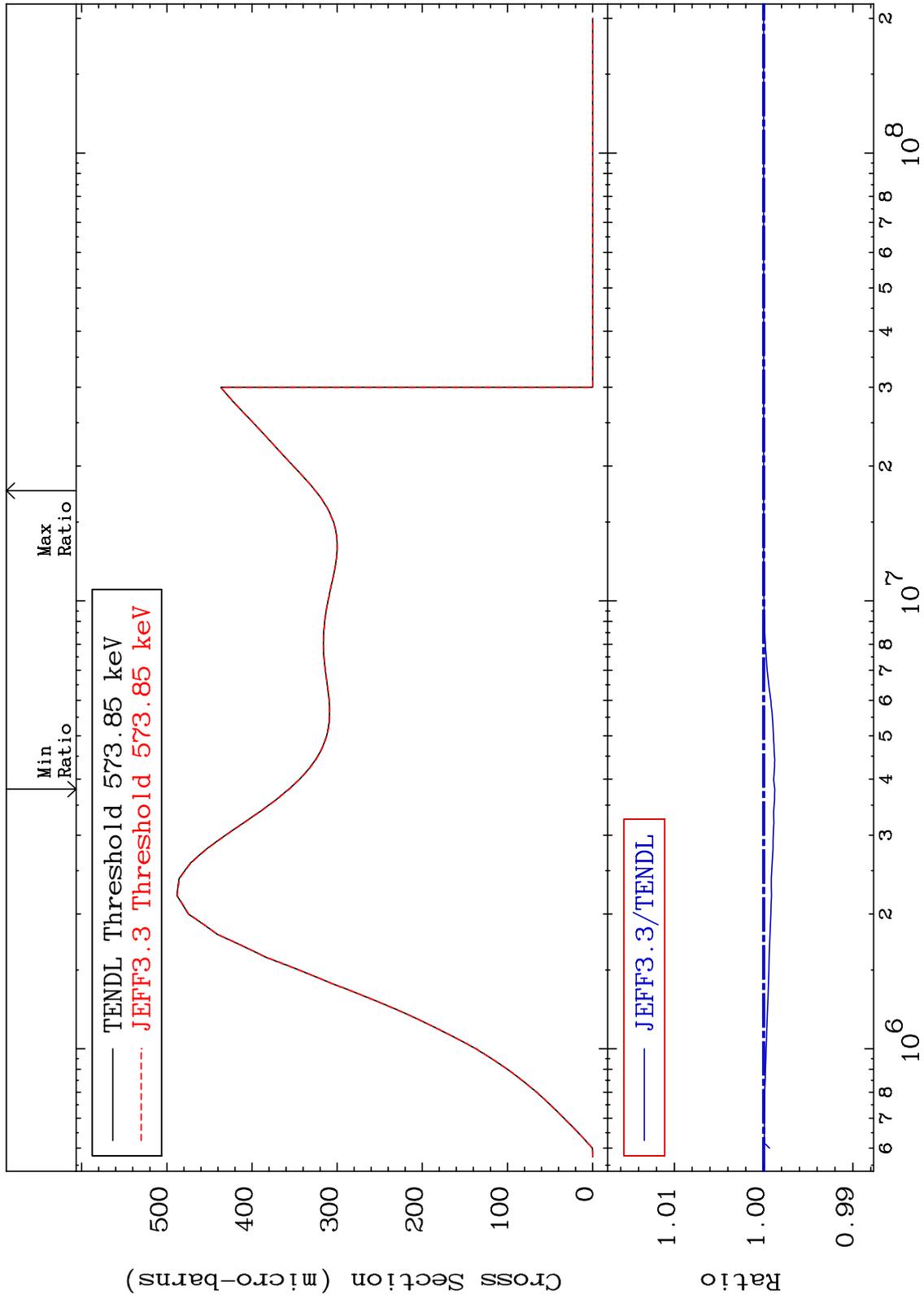
Incident Energy (eV)

43-Tc-98

MAT 4322

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

43-Tc-98
-0.124 To 0.000 %



48

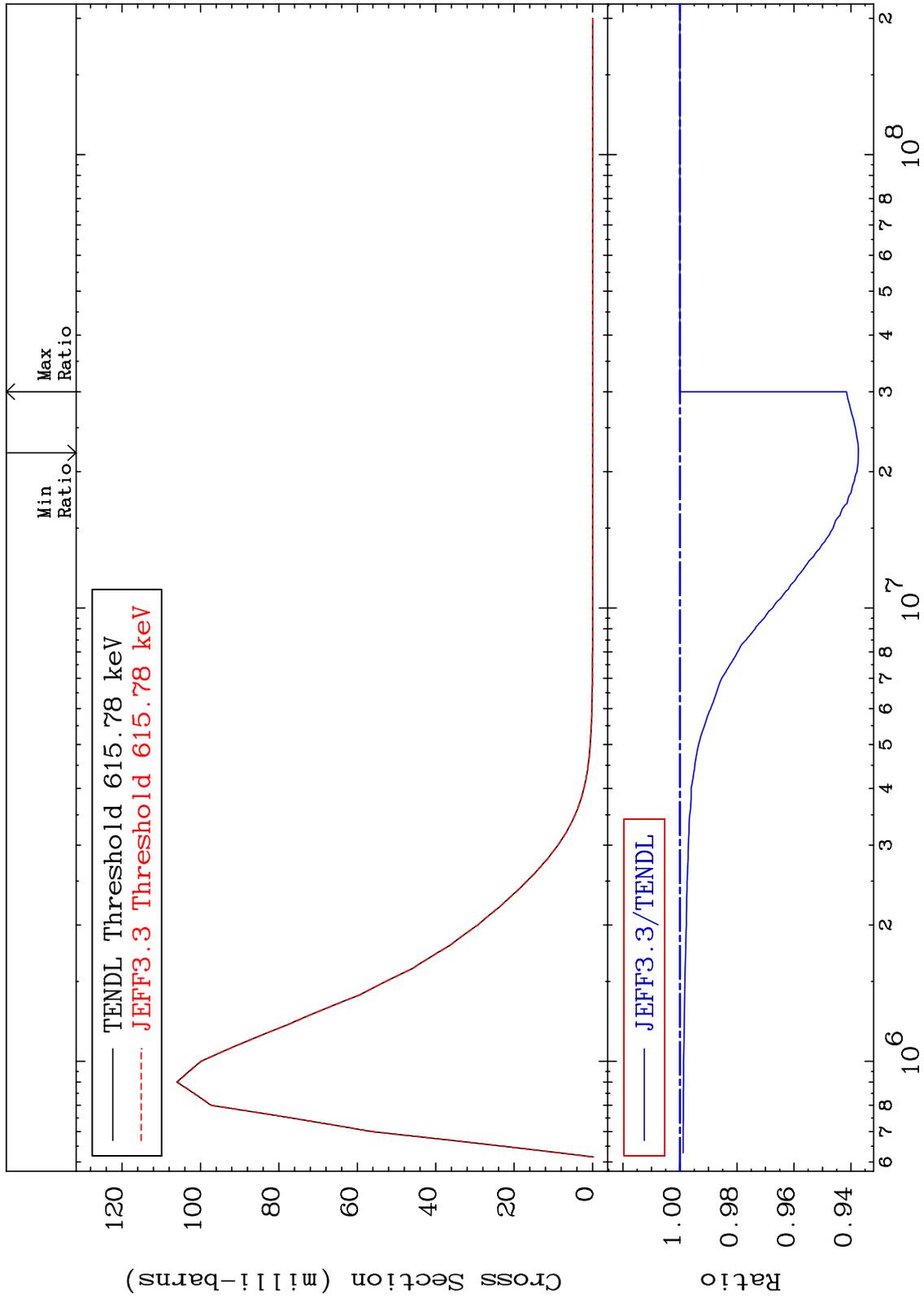
Incident Energy (eV)

43-Tc-98

MAT 4322

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

43-Tc-98
-6.261 To 0.000 %



49

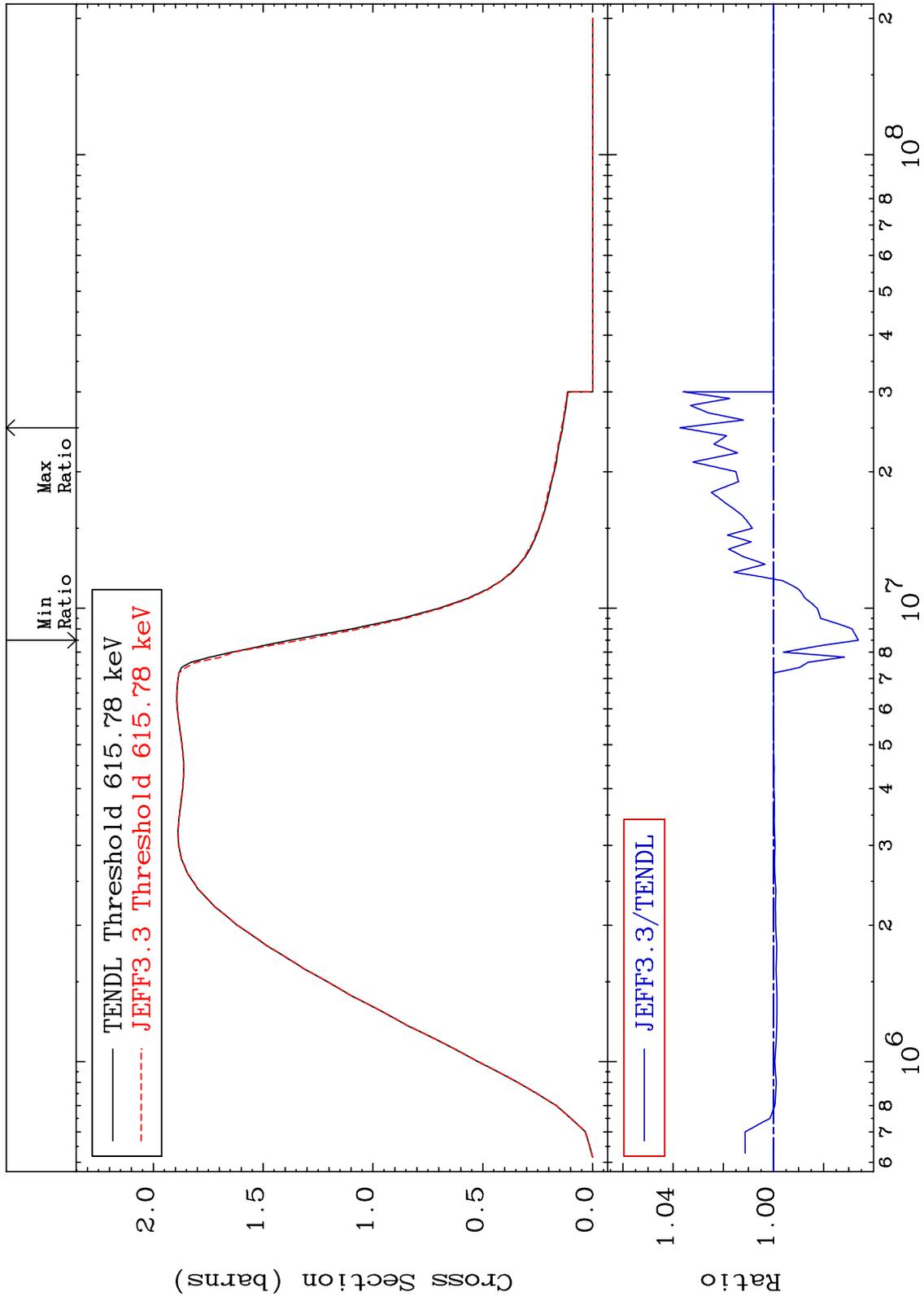
Incident Energy (eV)

43-Tc-98

MAT 4322

(n, n') Continuum
Cross Section

43-Tc-98
-3.383 To 3.731 %



50

Incident Energy (eV)

43-Tc-98

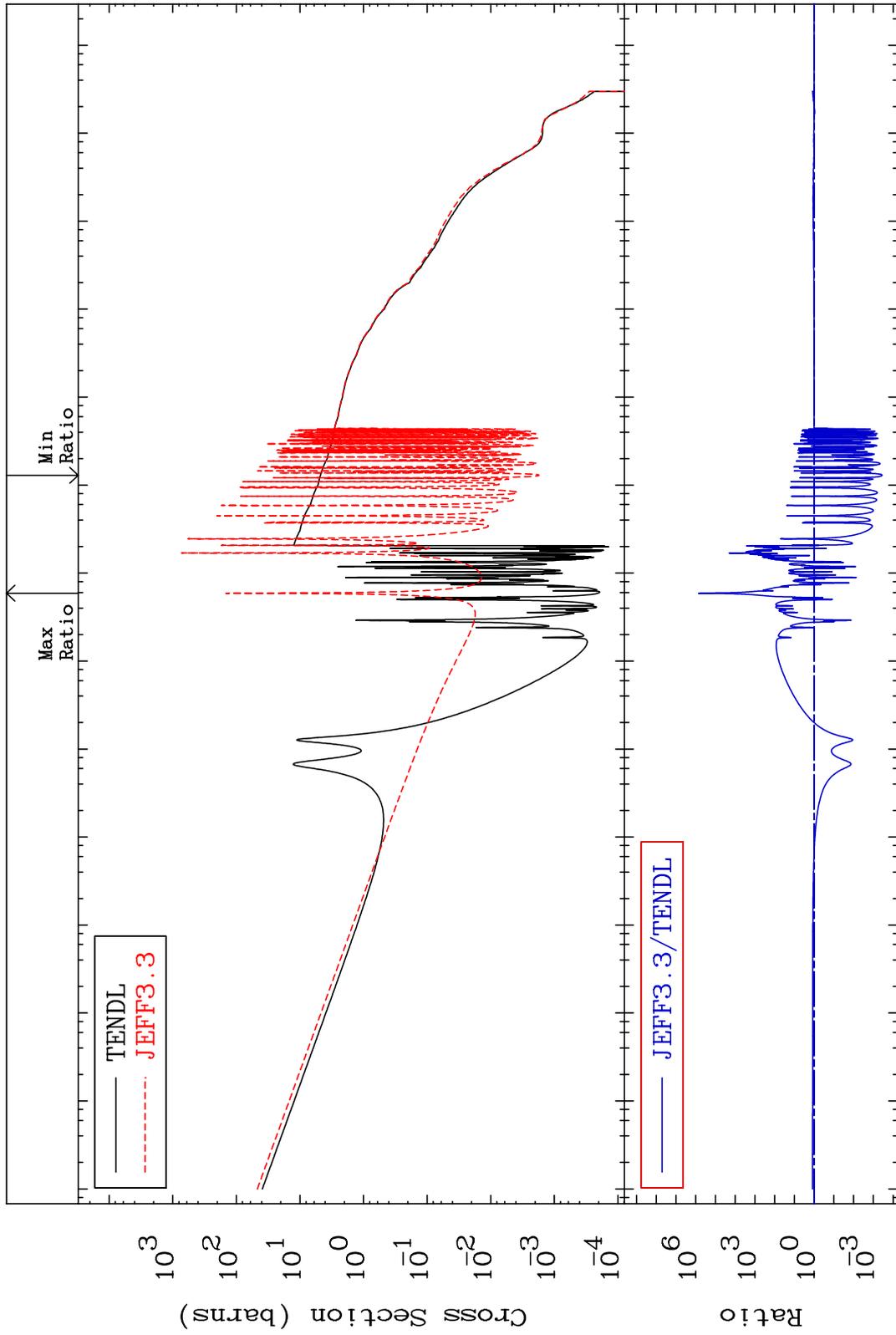
MAT 4322

(n, γ)

43-Tc-98

-99.96 To 9999. %

Cross Section



Incident Energy (eV) 43-Tc-98

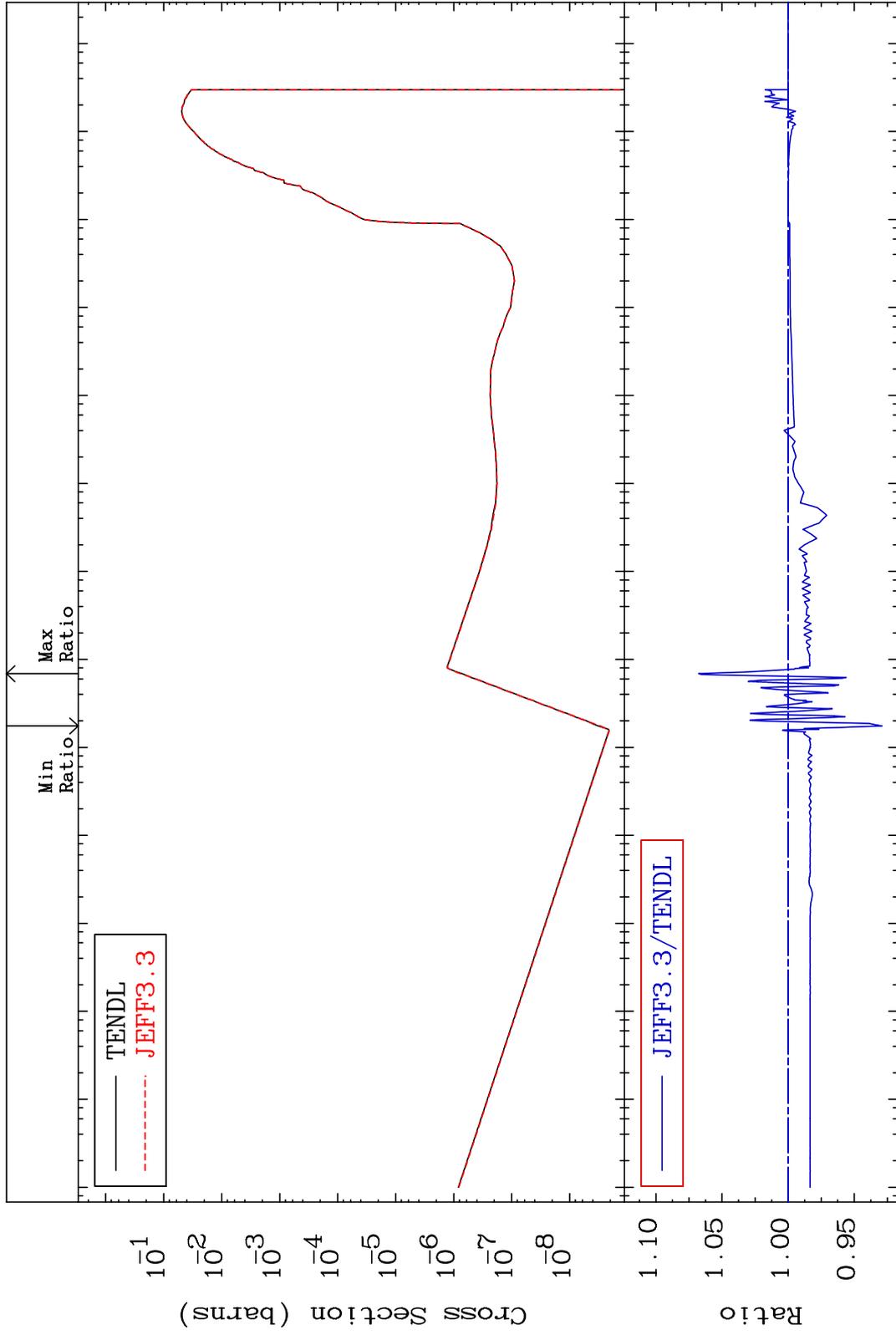
MAT 4322

(n,p)

43-Tc-98

Cross Section

-7.104 To 6.765 %



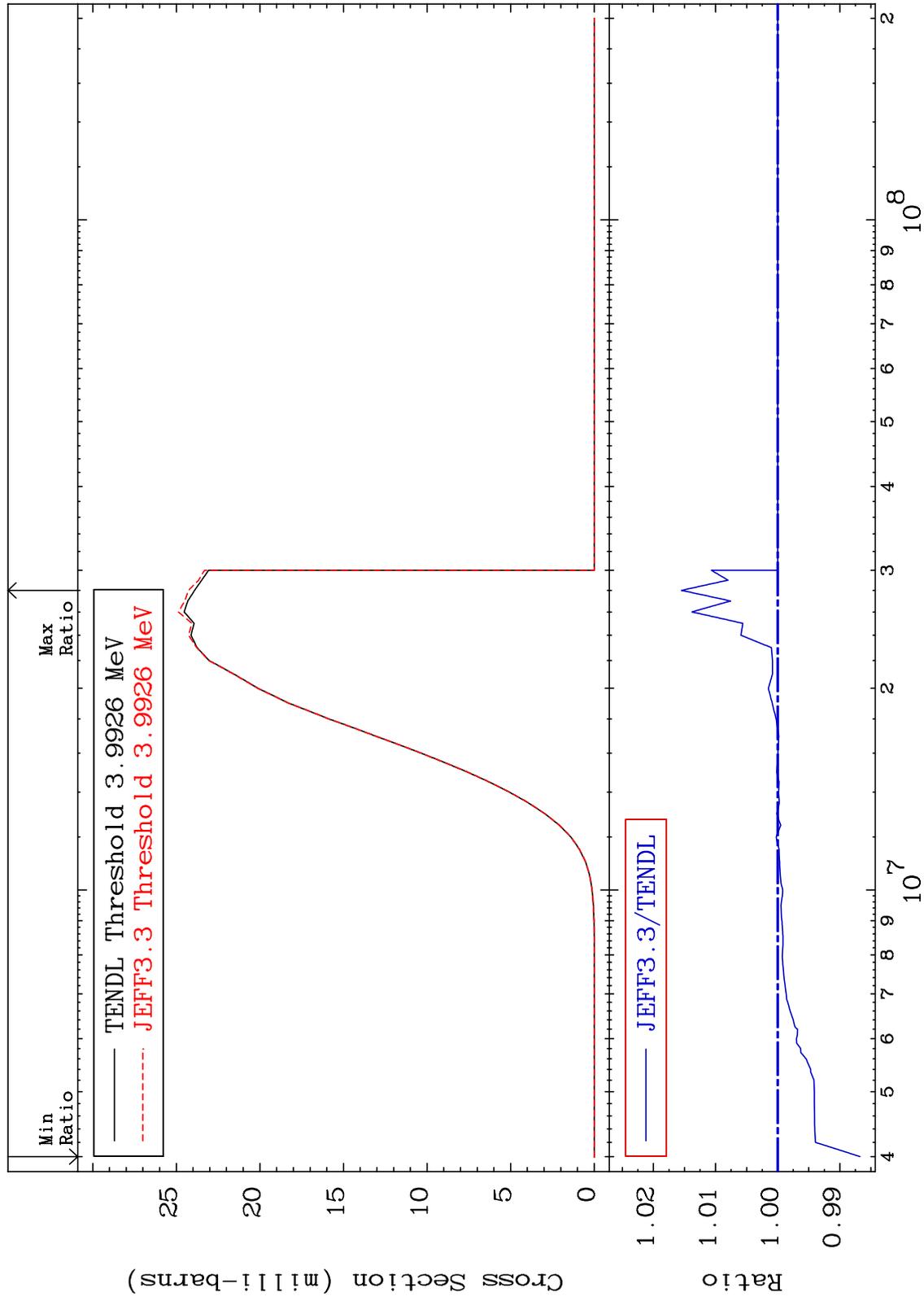
52

Incident Energy (eV)

43-Tc-98

MAT 4322

(n, d) Cross Section
43-Tc-98
-1.324 To 1.547 %

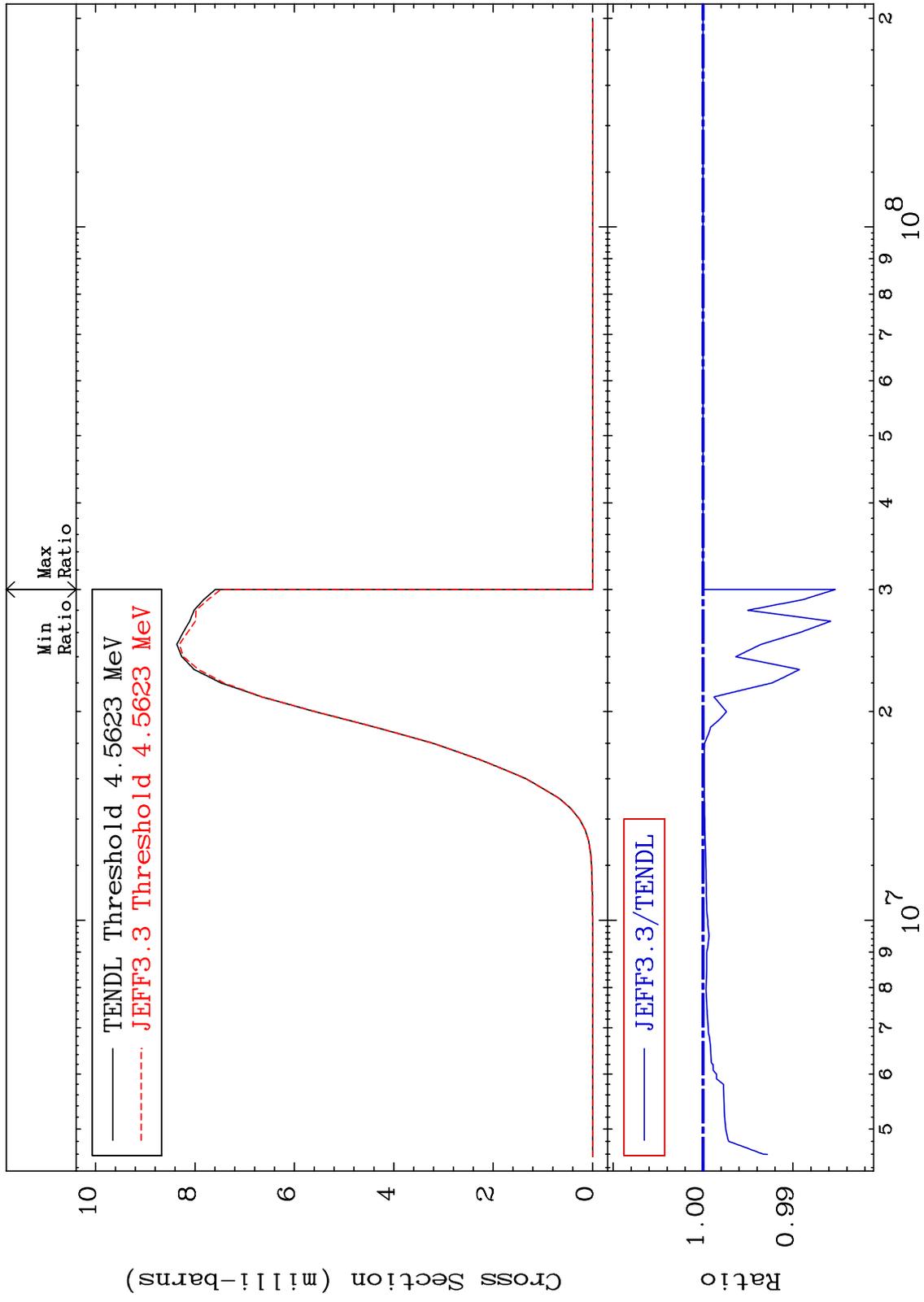


MAT 4322

43-Tc-98

(n, t)
Cross Section

-1.470 To 0.000 %



54

Incident Energy (eV)

43-Tc-98

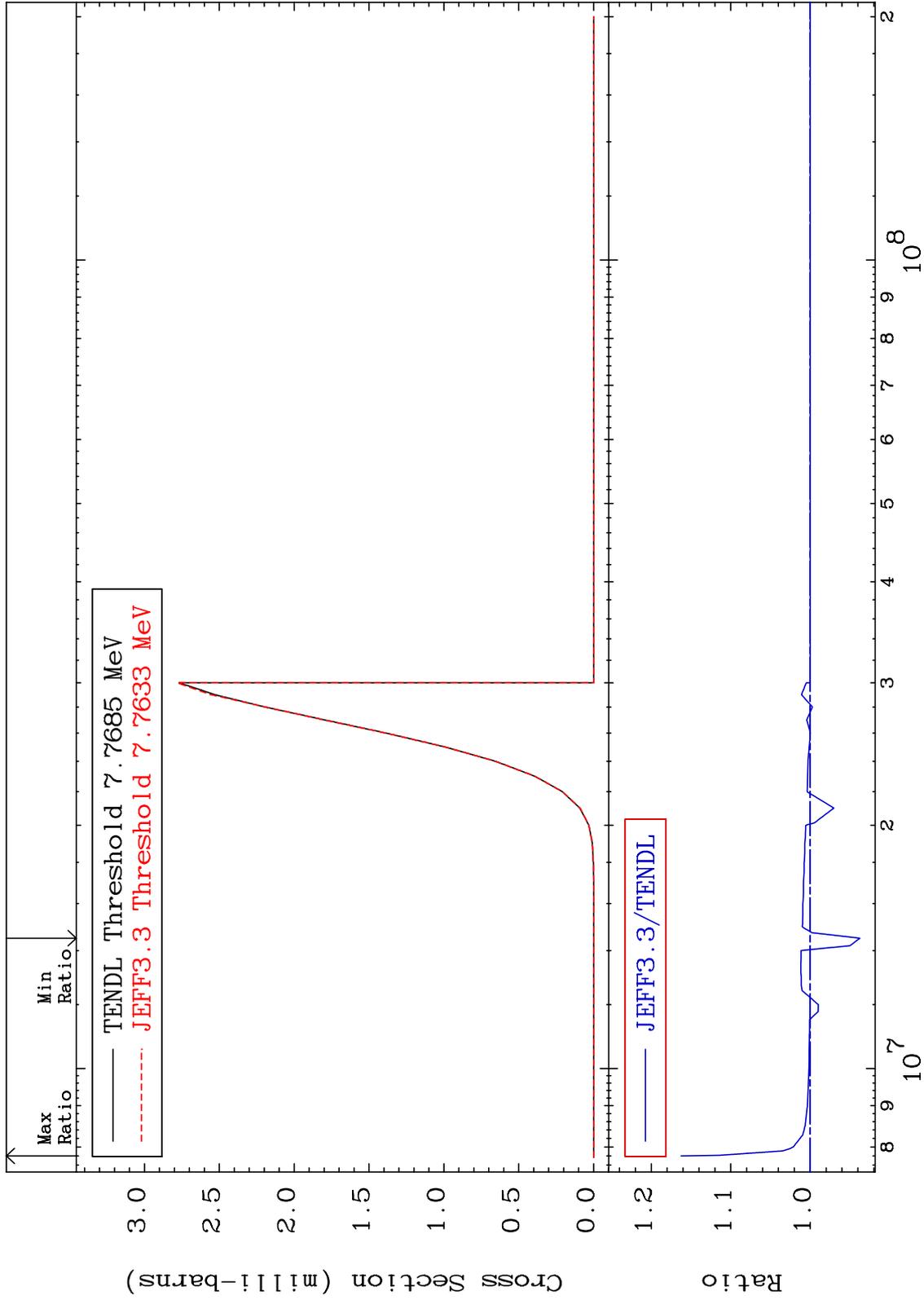
MAT 4322

(n, He-3)

43-Tc-98

Cross Section

-6.256 To 16.24 %



55

Incident Energy (eV)

43-Tc-98

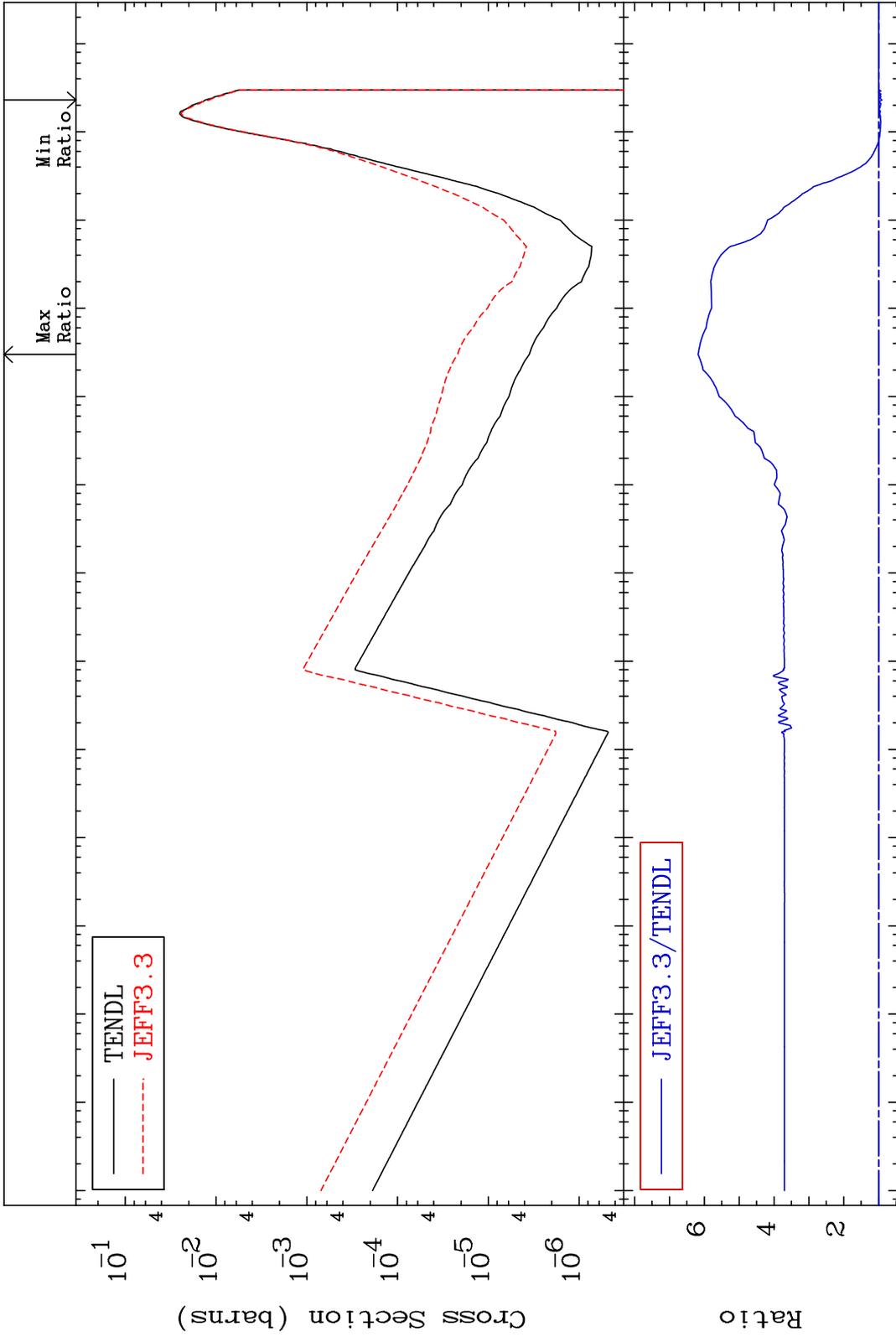
MAT 4322

(n, α)

43-Tc-98

Cross Section

-9.817 To 517.8 %



Incident Energy (eV)

56

43-Tc-98

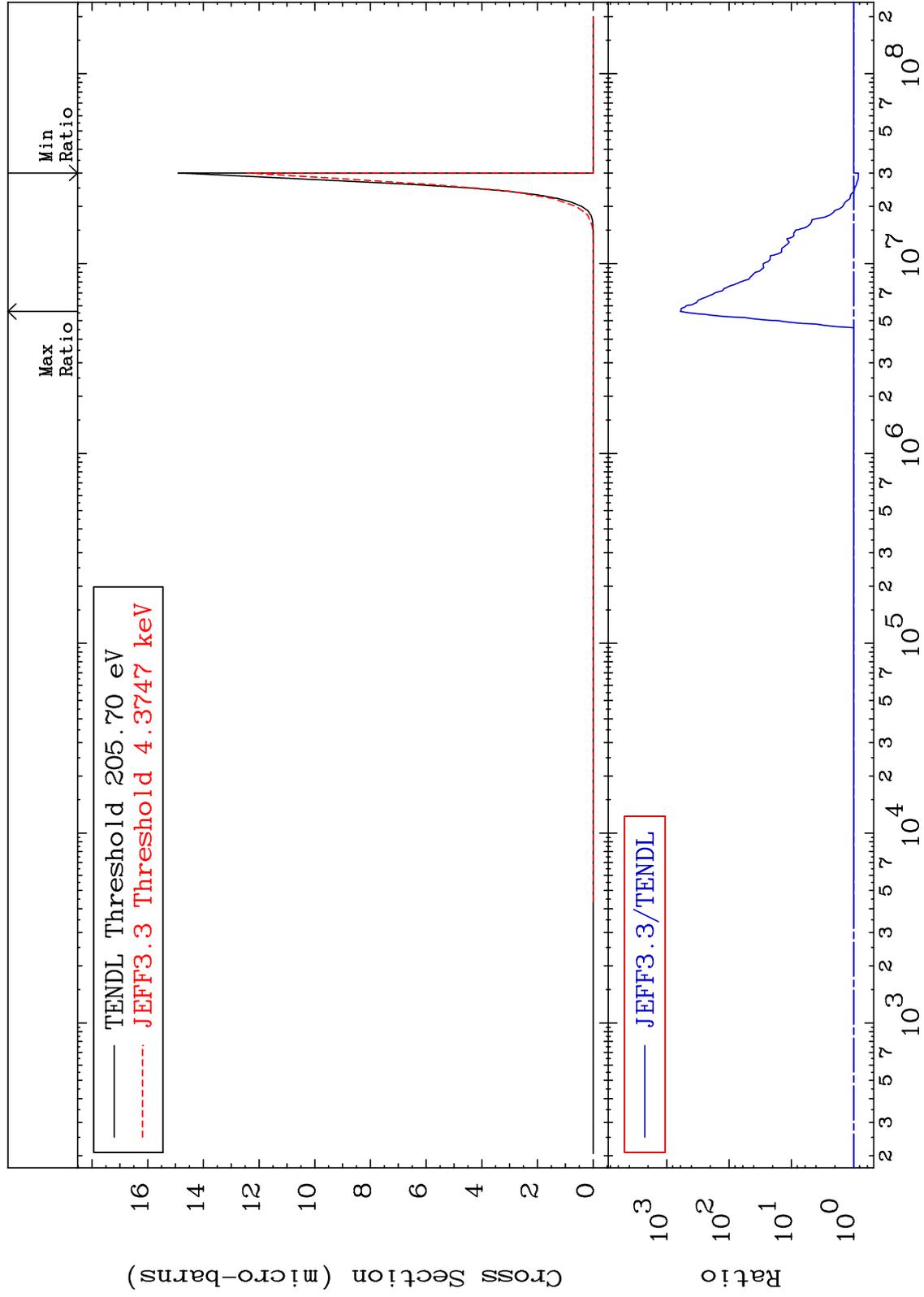
MAT 4322

(n, 2α)

43-Tc-98

Cross Section

-16.65 To 9999. %



57

Incident Energy (eV)

43-Tc-98

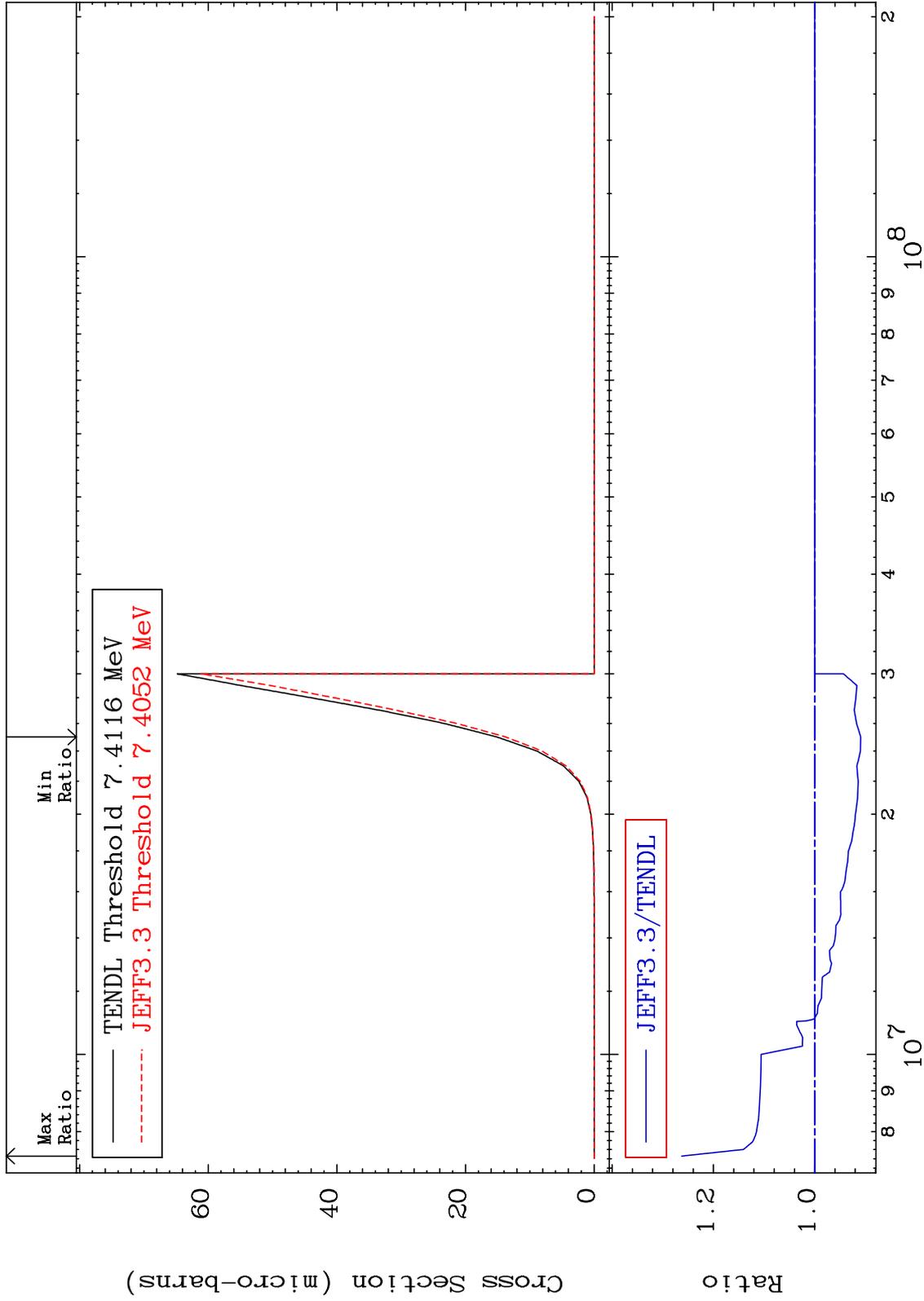
MAT 4322

(n,2p)

43-Tc-98

Cross Section

-9.068 To 26.26 %



58

Incident Energy (eV)

43-Tc-98

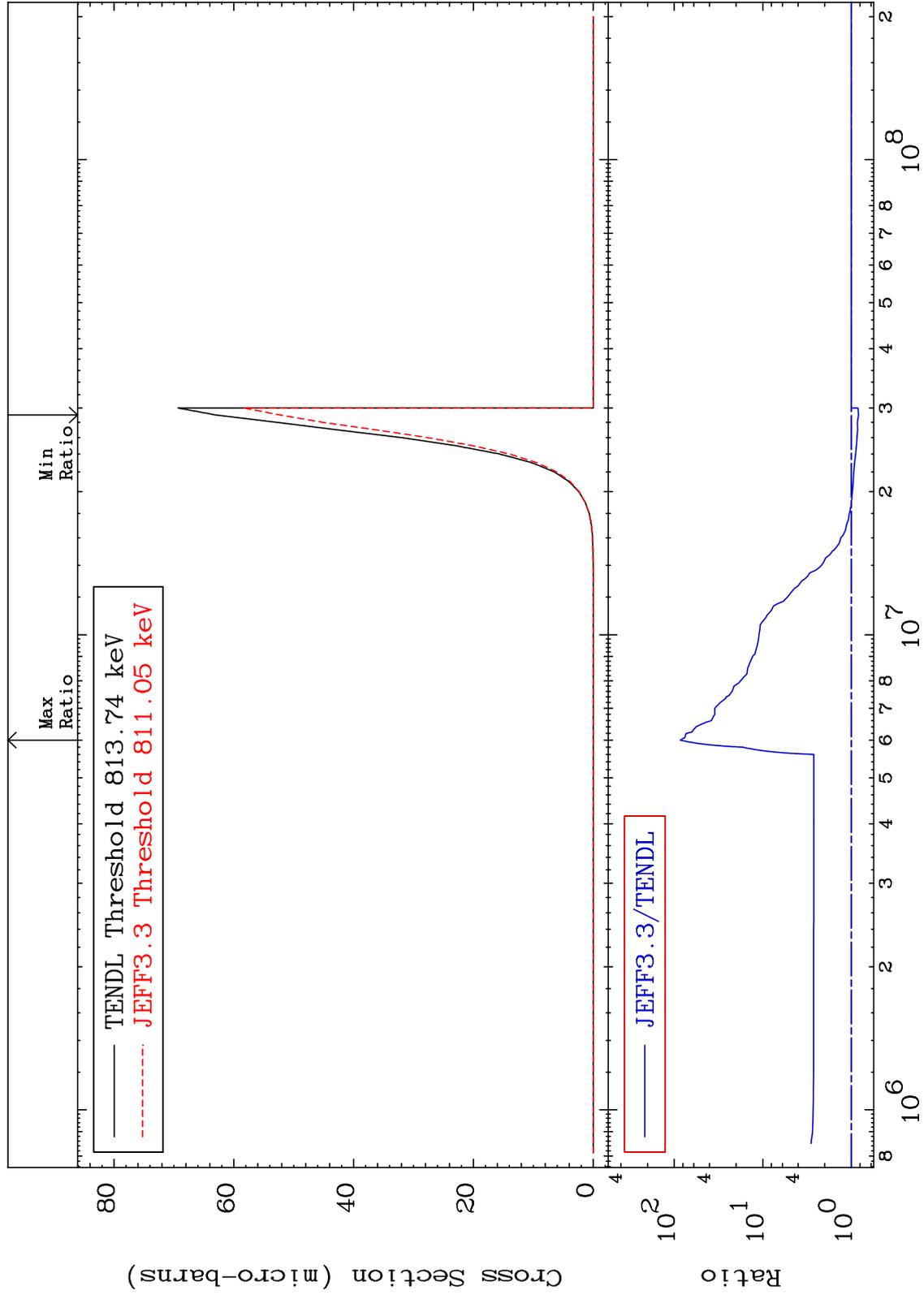
MAT 4322

(n,p) α

⁴³Tc-98

-17.00 To 8427. %

Cross Section



59

Incident Energy (eV)

⁴³Tc-98

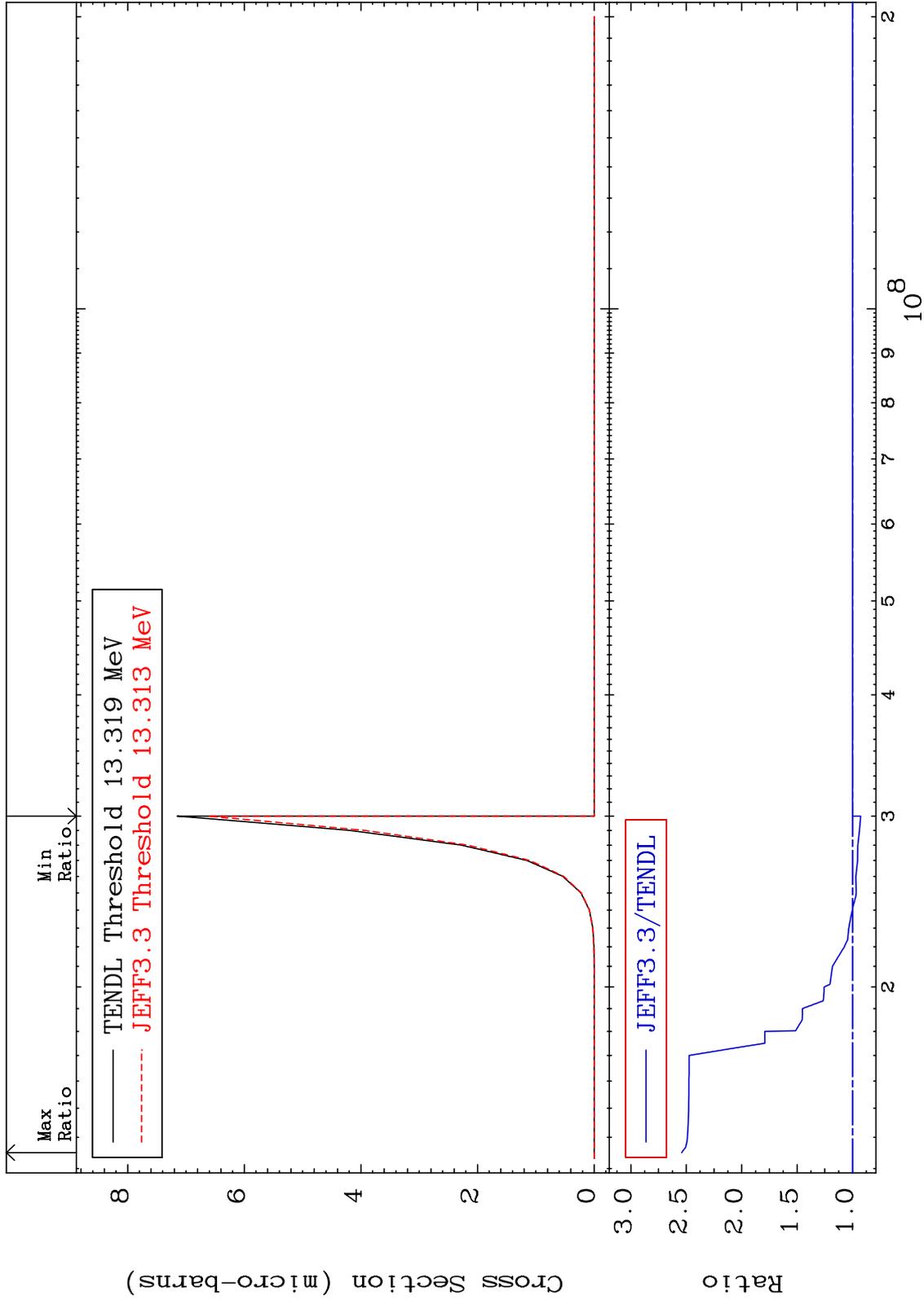
MAT 4322

(n,p) d

43-Tc-98

Cross Section

-7.350 To 154.1 %



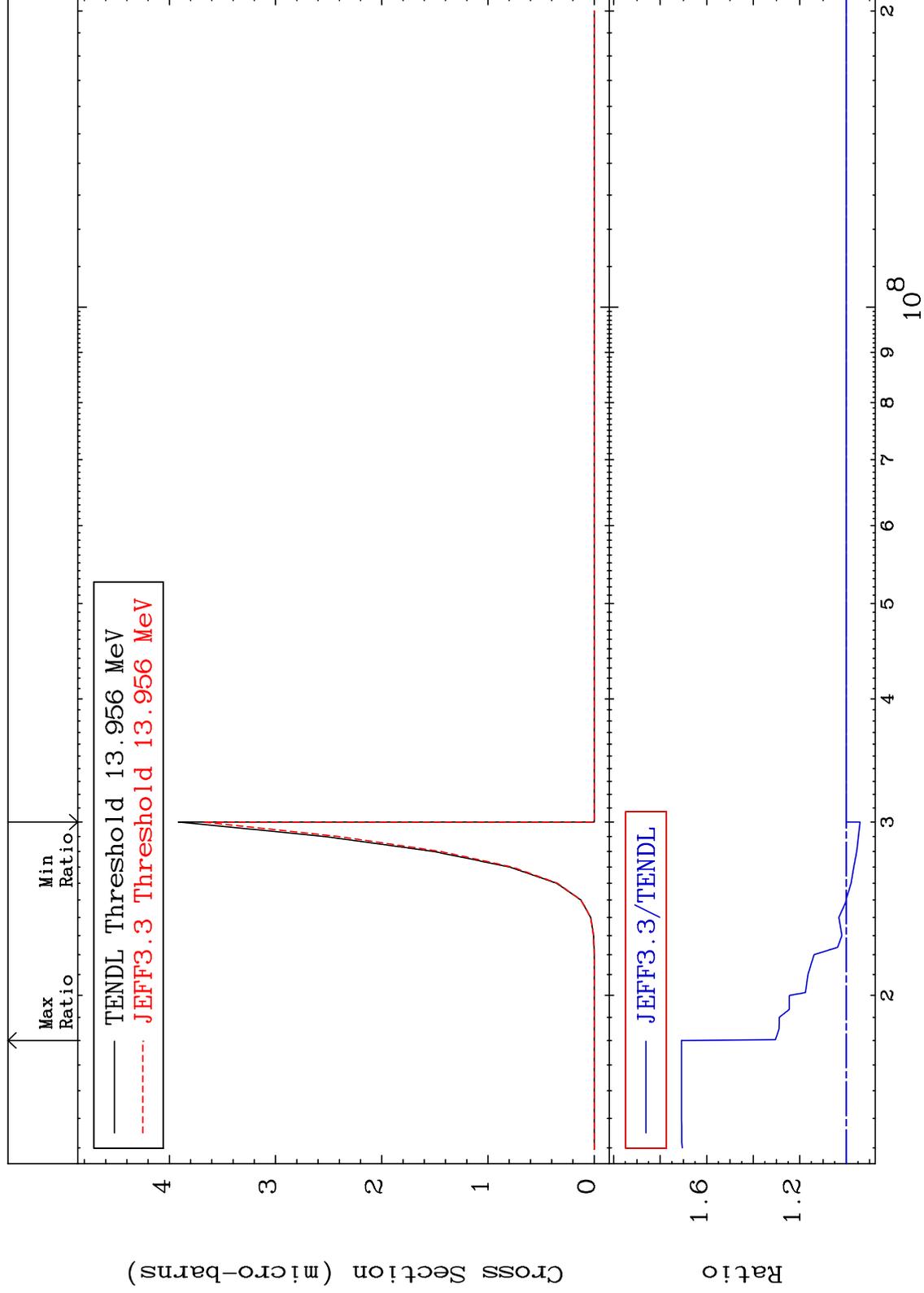
MAT 4322

(n,p) t

43-Tc-98

Cross Section

-5.893 To 70.81 %



61

Incident Energy (eV)

43-Tc-98

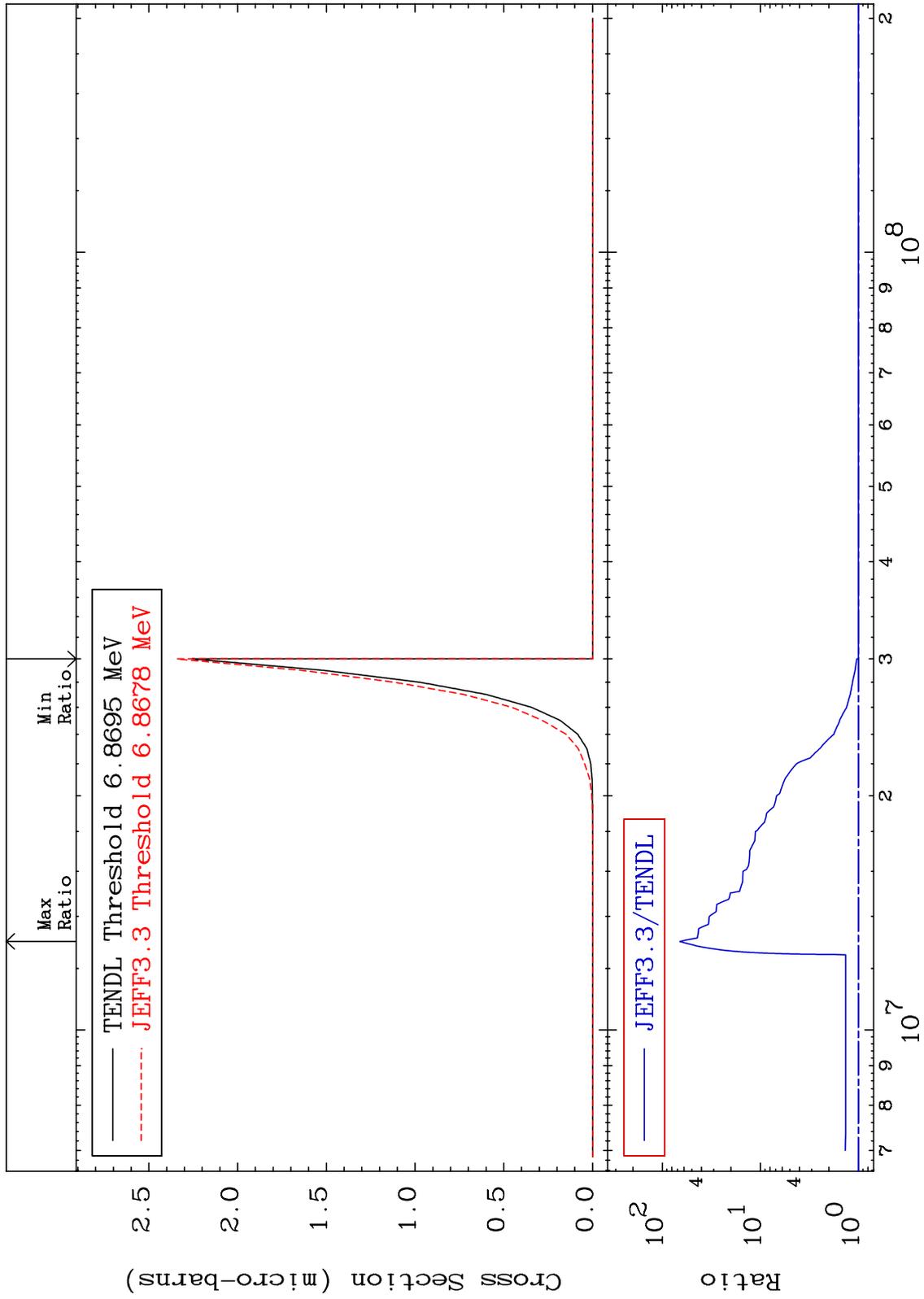
MAT 4322

(n,d) α

43-Tc-98

Cross Section

0.000 To 6520. %



62

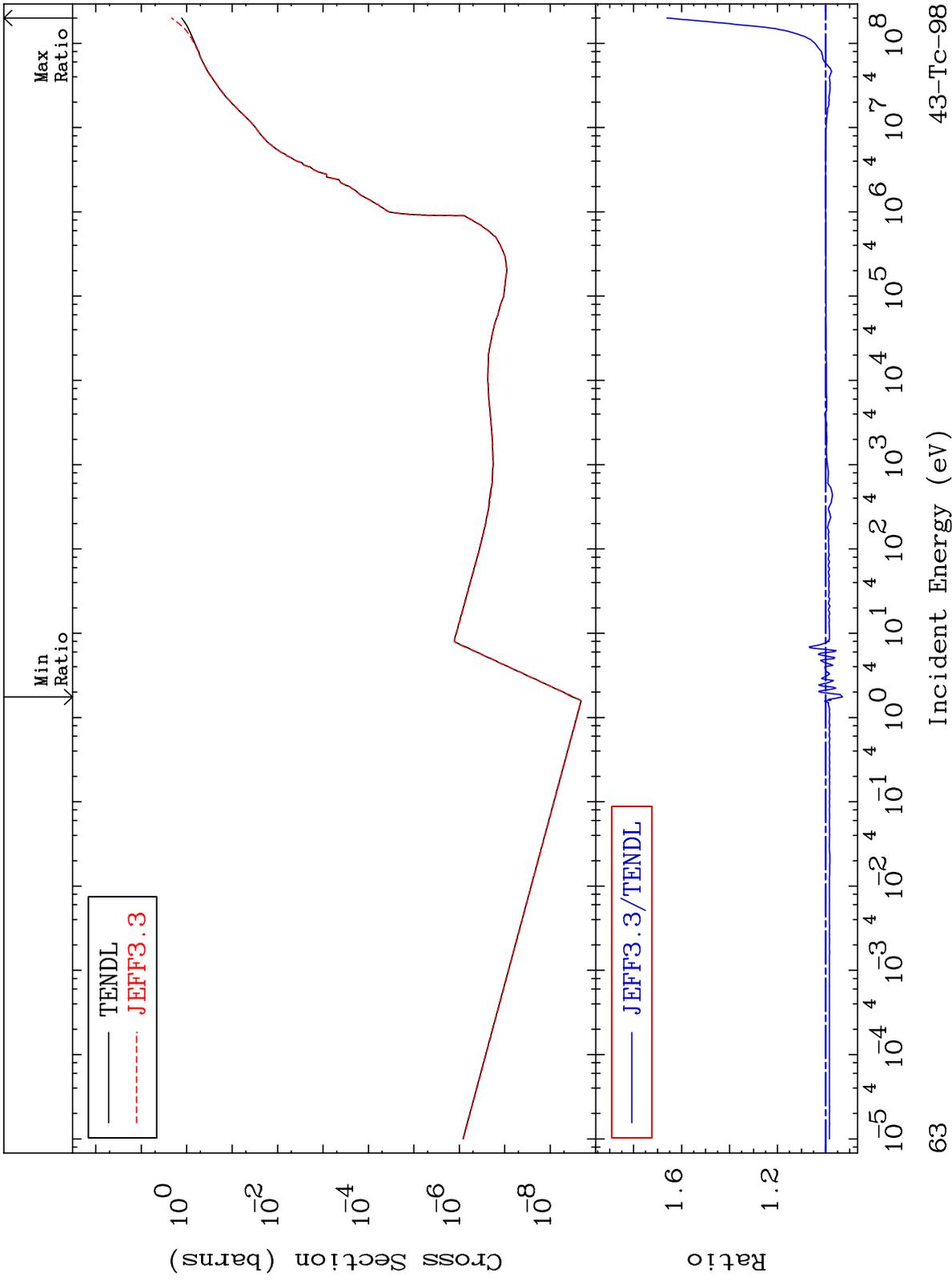
Incident Energy (eV)

43-Tc-98

MAT 4322

Hydrogen Production
Cross Section

43-Tc-98
-7.104 To 66.13 %



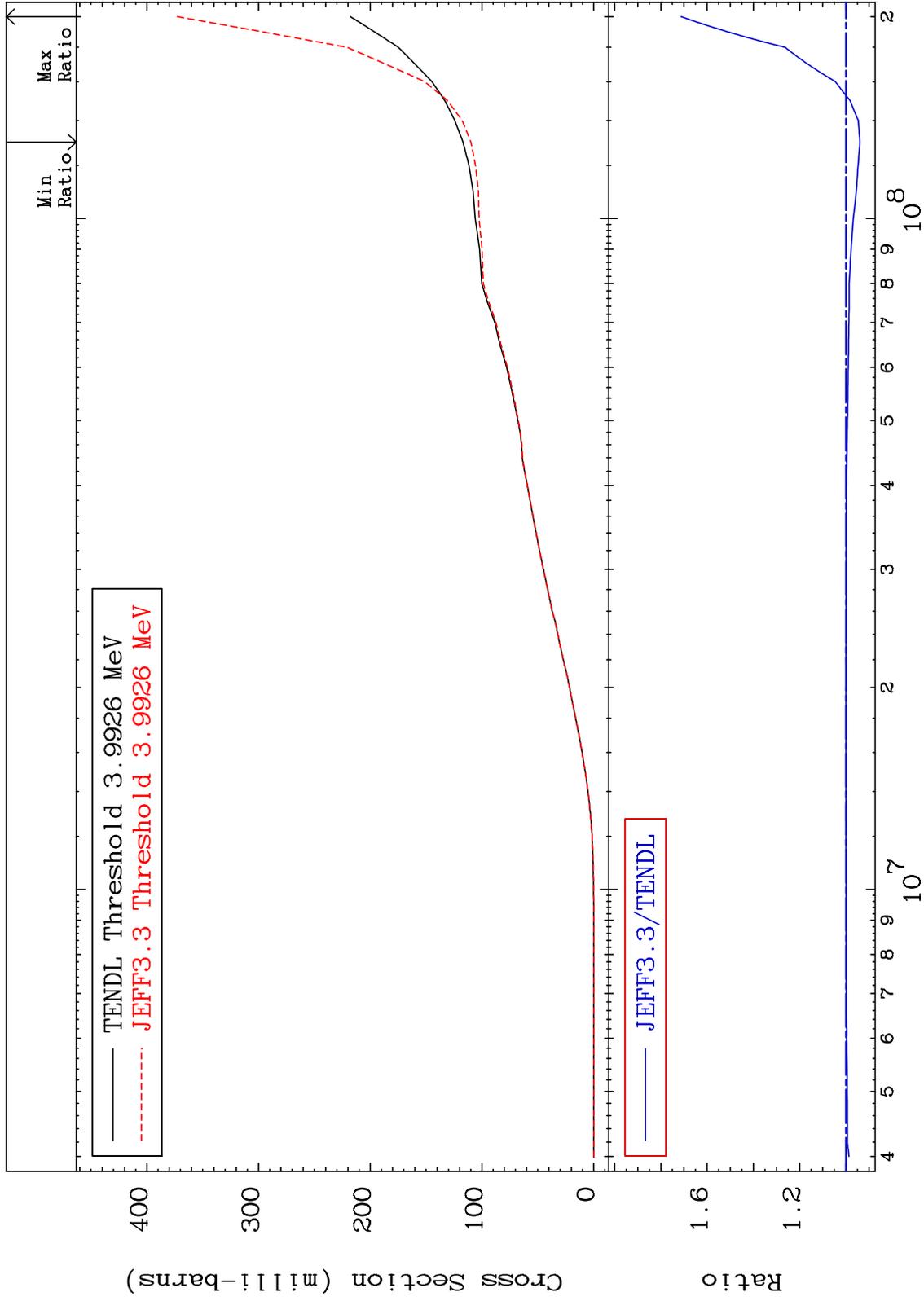
63

43-Tc-98

MAT 4322

Deuterium Production
Cross Section

43-Tc-98
-6.042 To 71.23 %



64

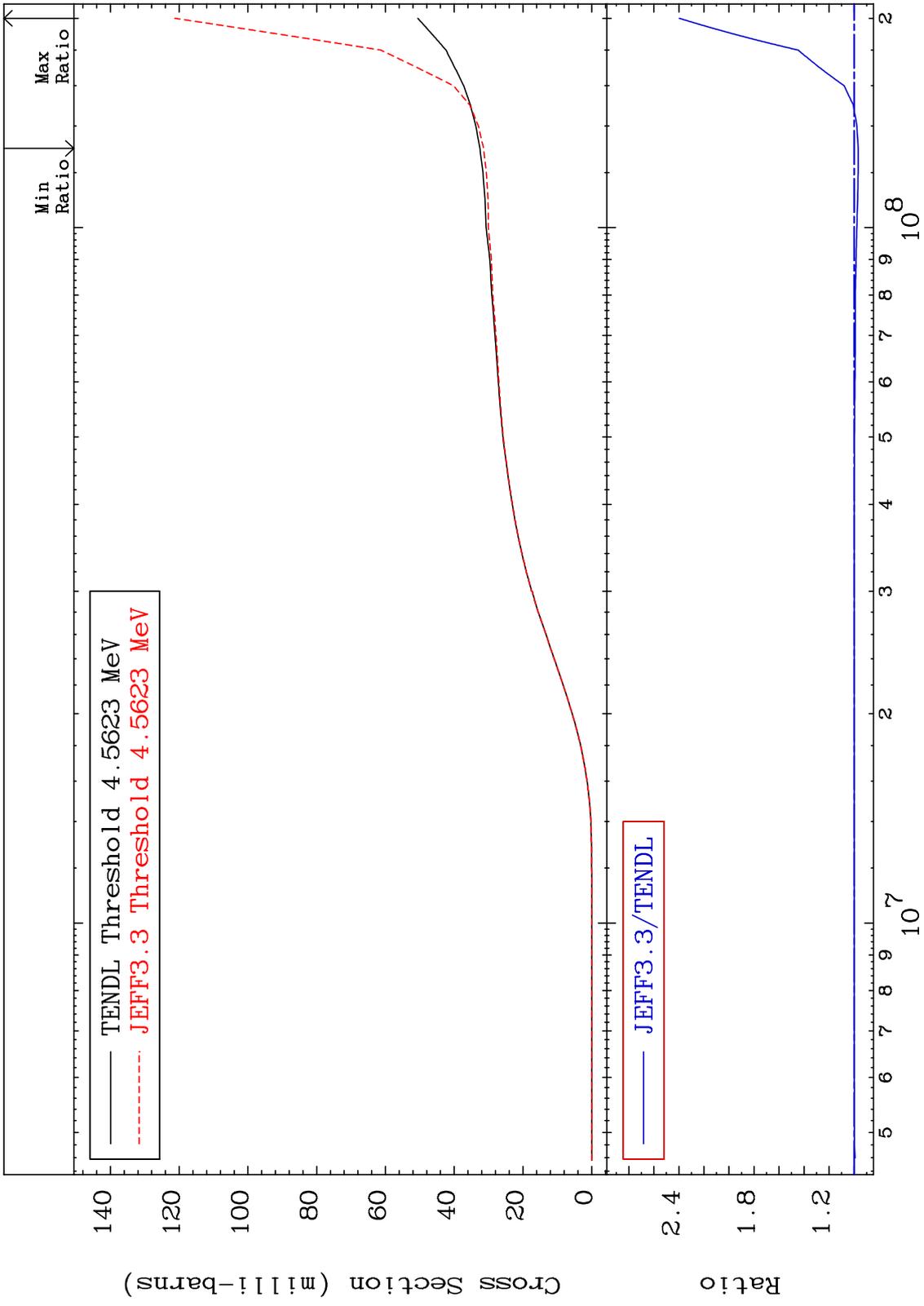
Incident Energy (eV)

43-Tc-98

MAT 4322

Tritium Production
Cross Section

43-Tc-98
-3.280 To 139.7 %



65

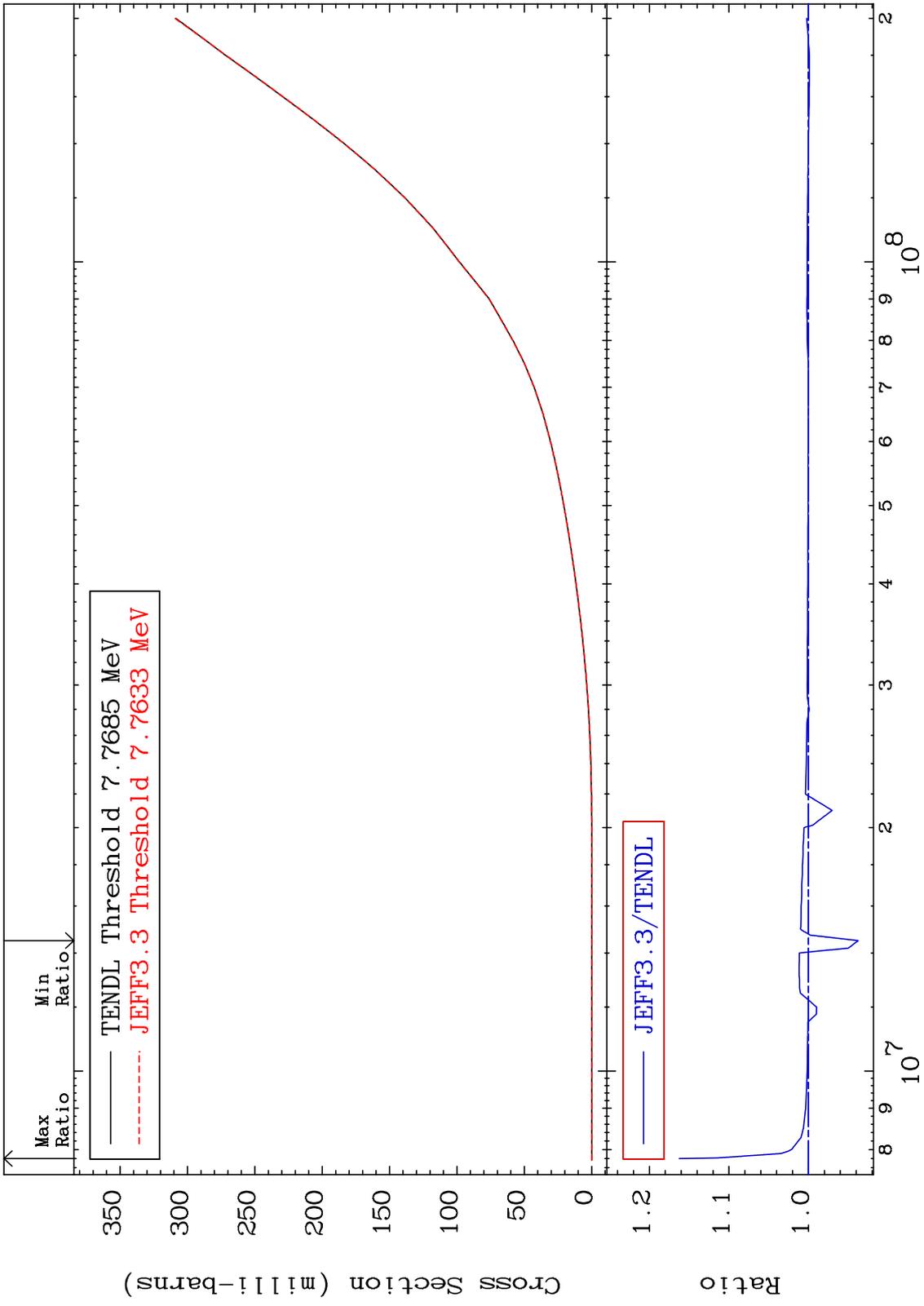
Incident Energy (eV)

43-Tc-98

MAT 4322

He-3 Production
Cross Section

43-Tc-98
-6.256 To 16.24 %



66

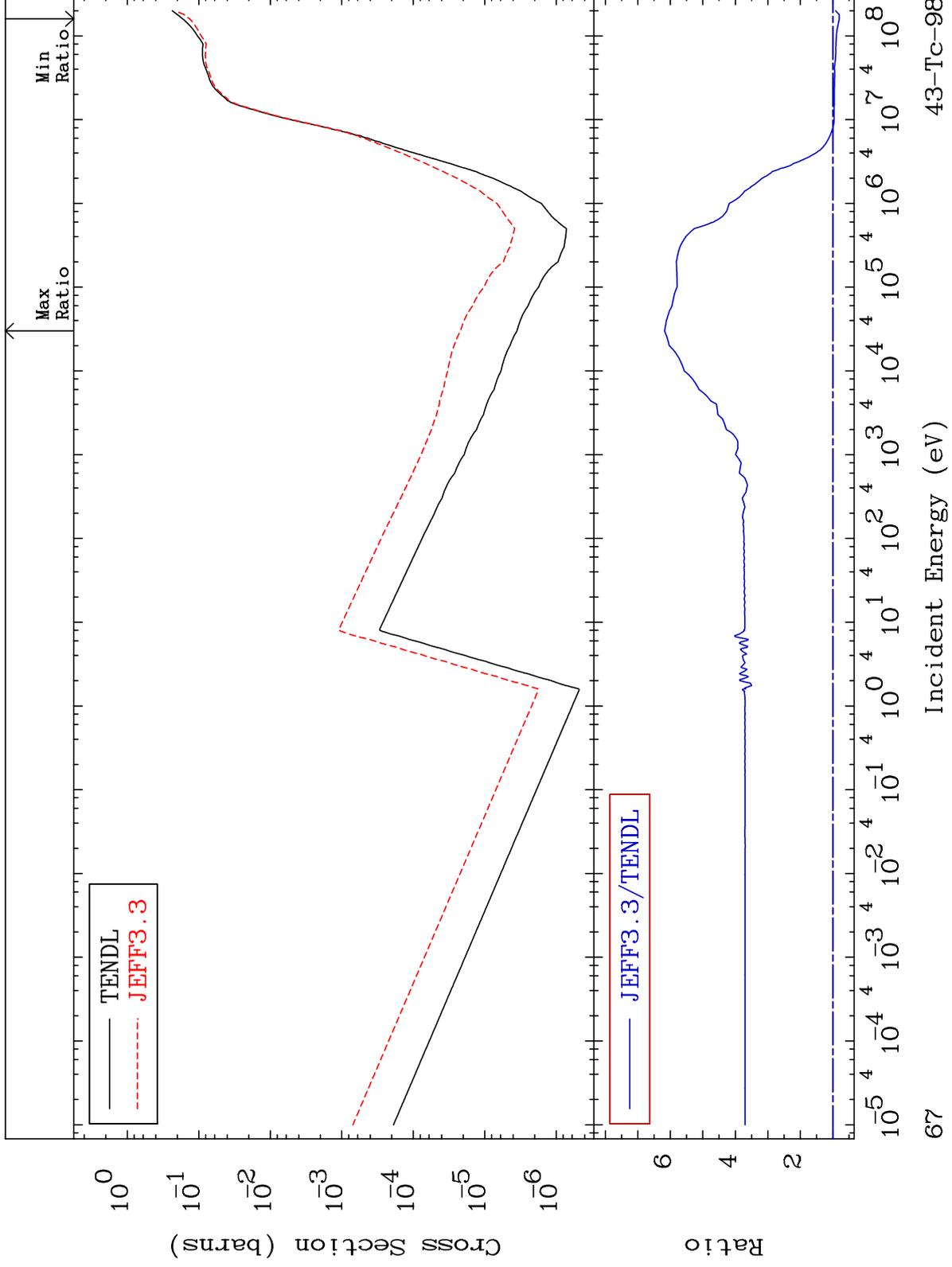
Incident Energy (eV)

43-Tc-98

MAT 4322

He-4 Production
Cross Section

43-Tc-98
-19.99 To 517.8 %



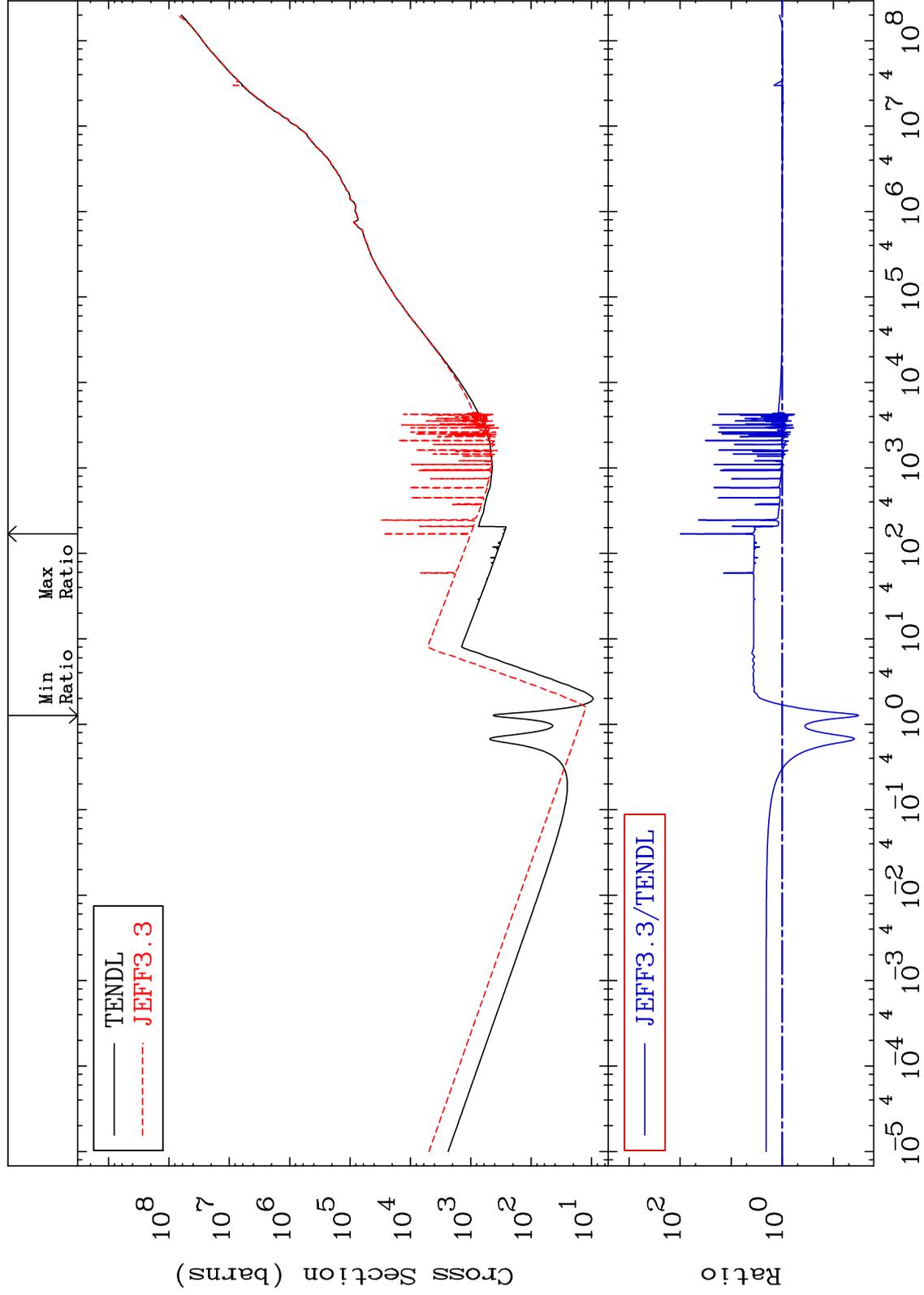
67

43-Tc-98

MAT 4322

Kerma total (eV-barns)
Cross Section

43-Tc-98
-96.77 To 9791. %



68

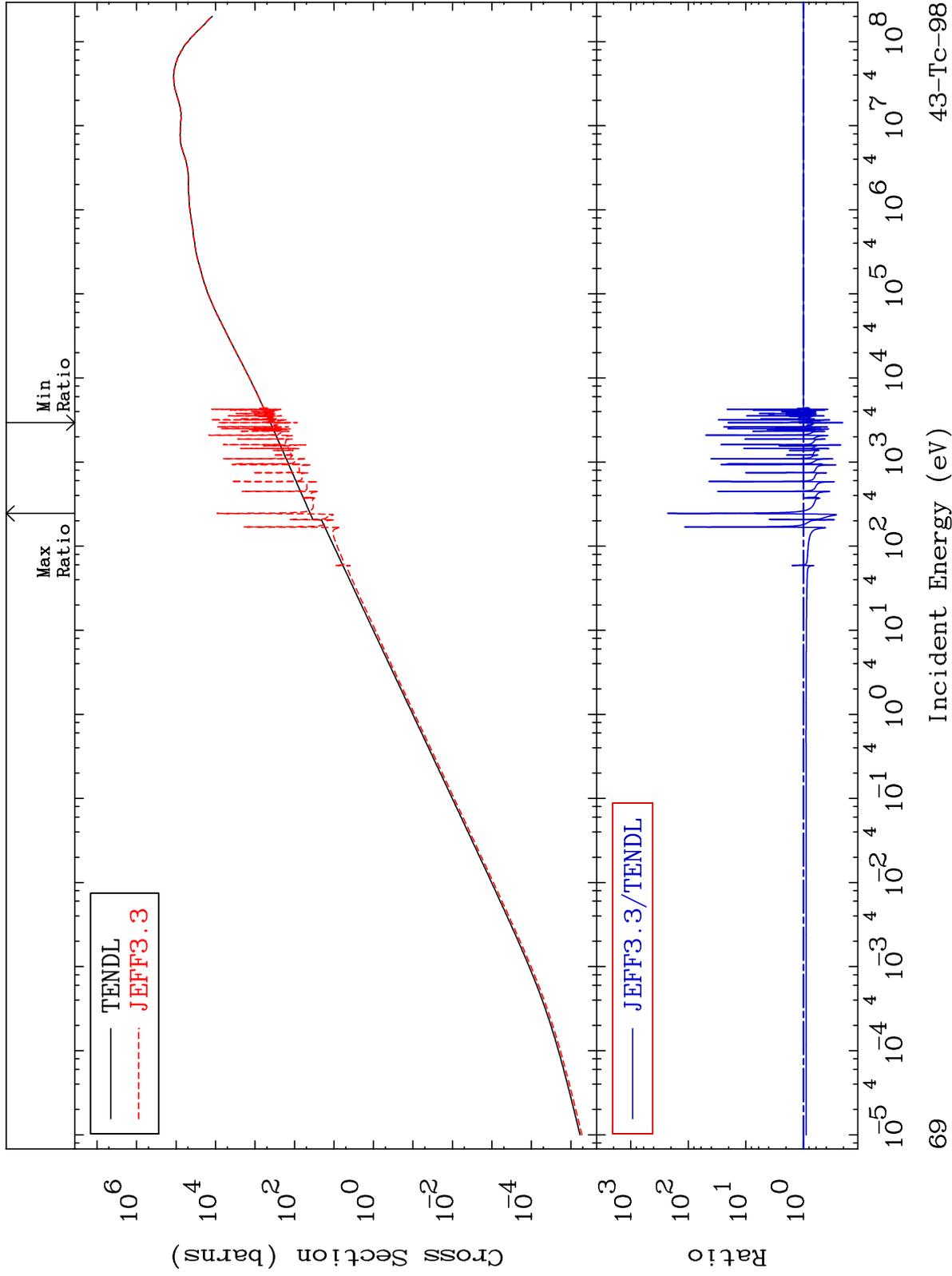
Incident Energy (eV)

43-Tc-98

MAT 4322

Kerma elastic
Cross Section

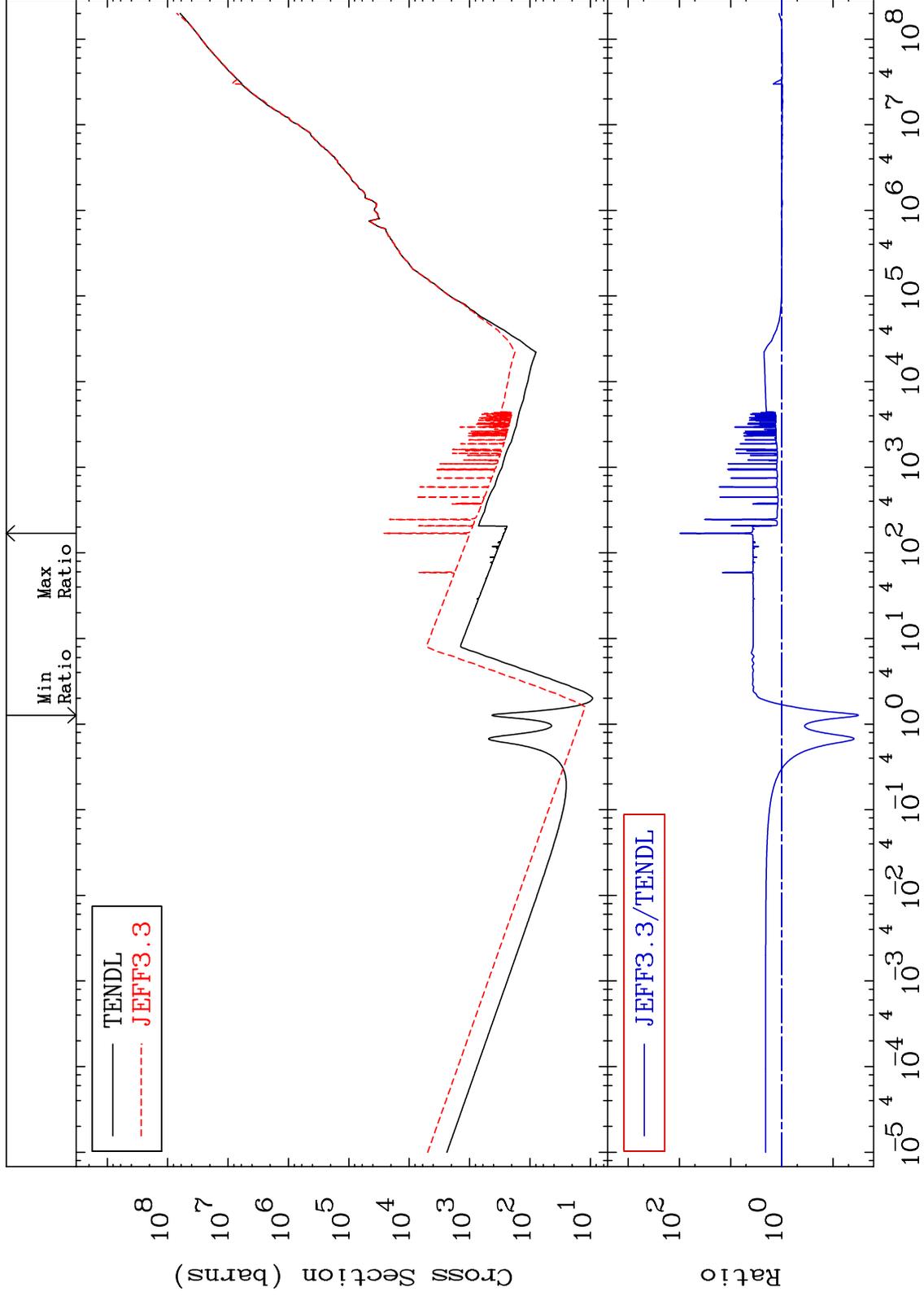
43-Tc-98
-79.44 To 9999. %



MAT 4322

Kerma non-elastic (all but mt2)
Cross Section

43-Tc-98
-96.80 To 9690. %



70

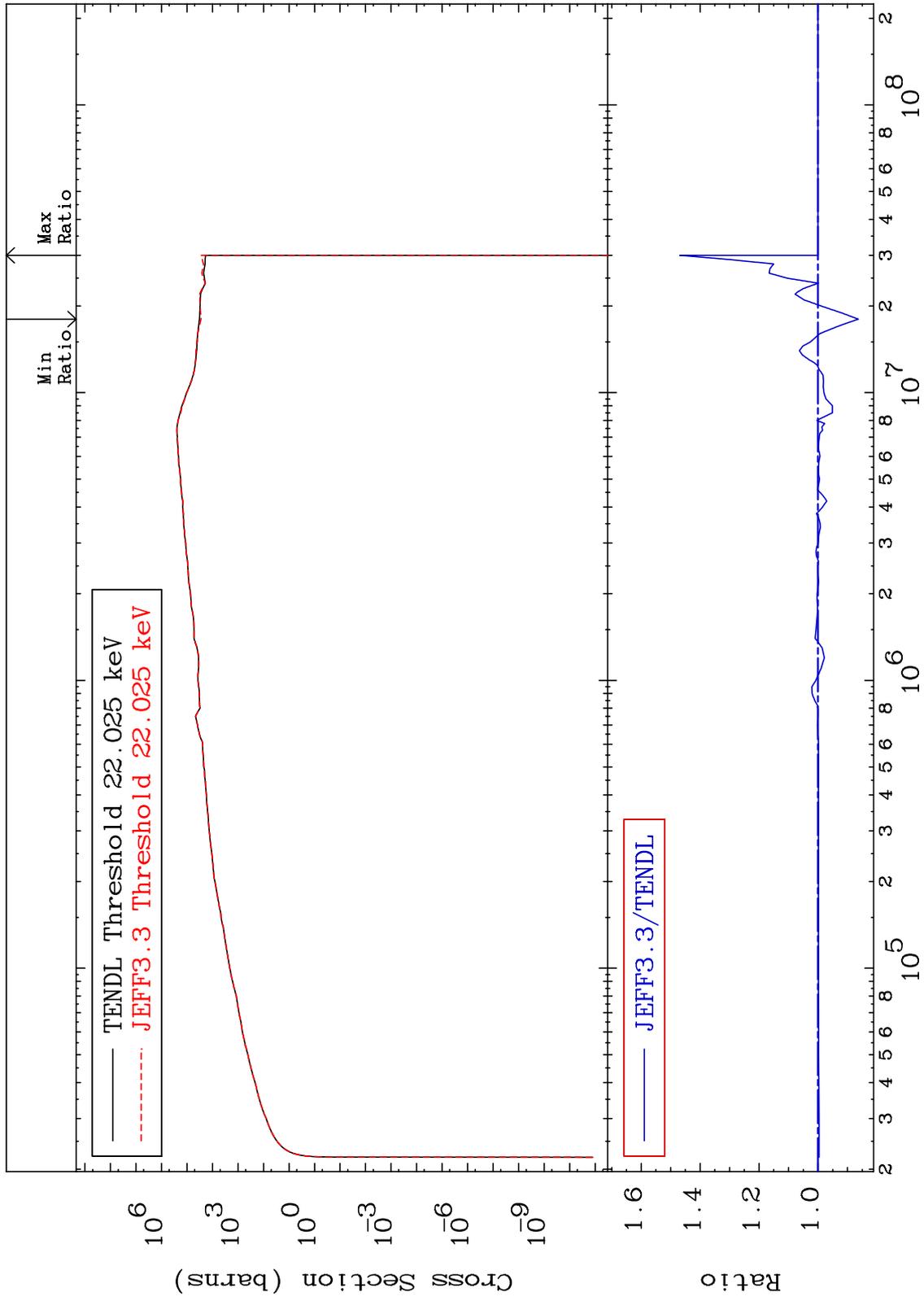
Incident Energy (eV)

43-Tc-98

MAT 4322

Kerma inelastic (mt51-91)
Cross Section

43-Tc-98
-13.72 To 46.86 %



71

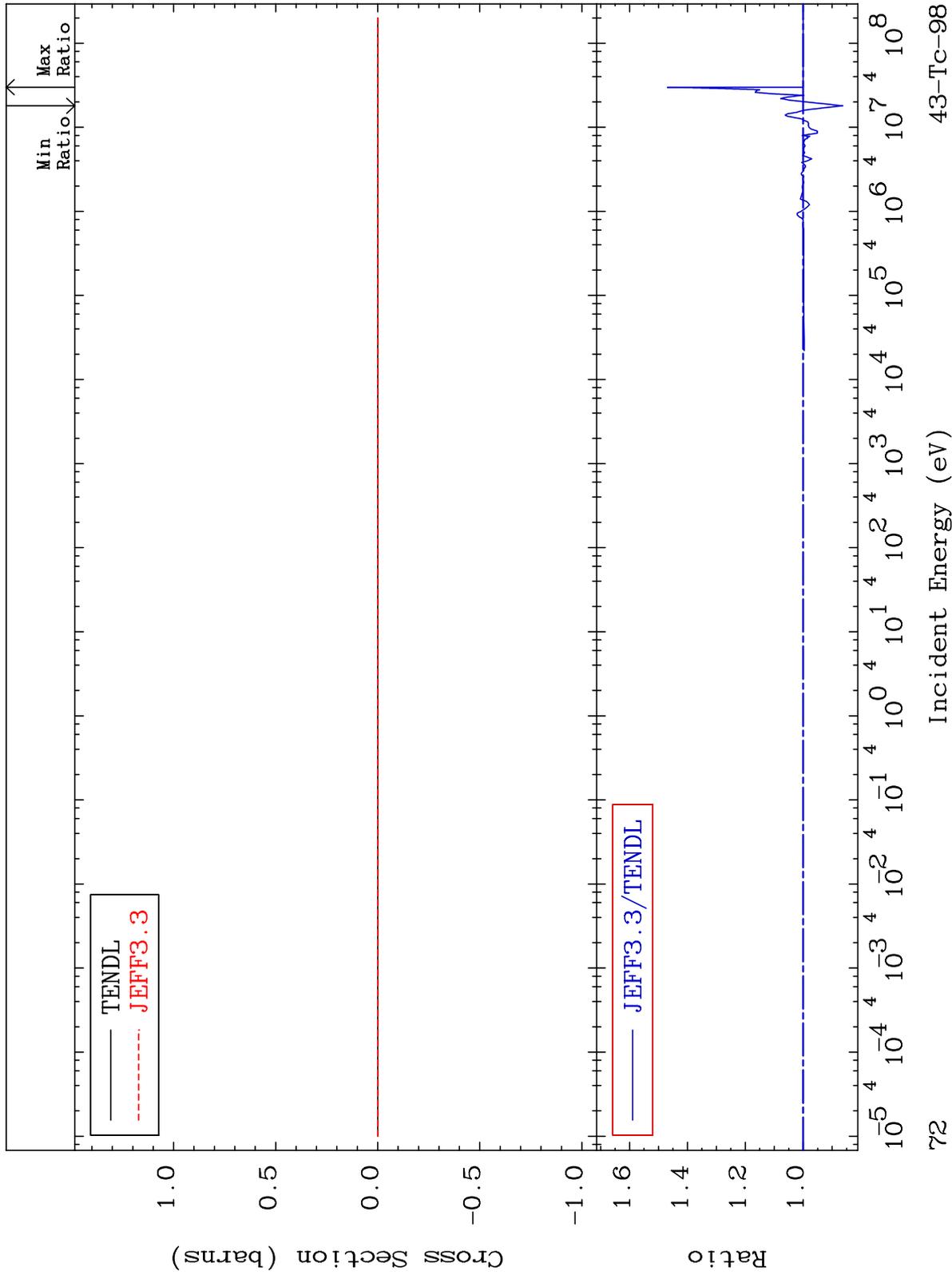
Incident Energy (eV)

43-Tc-98

MAT 4322

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

43-Tc-98
-13.72 To 46.86 %



72

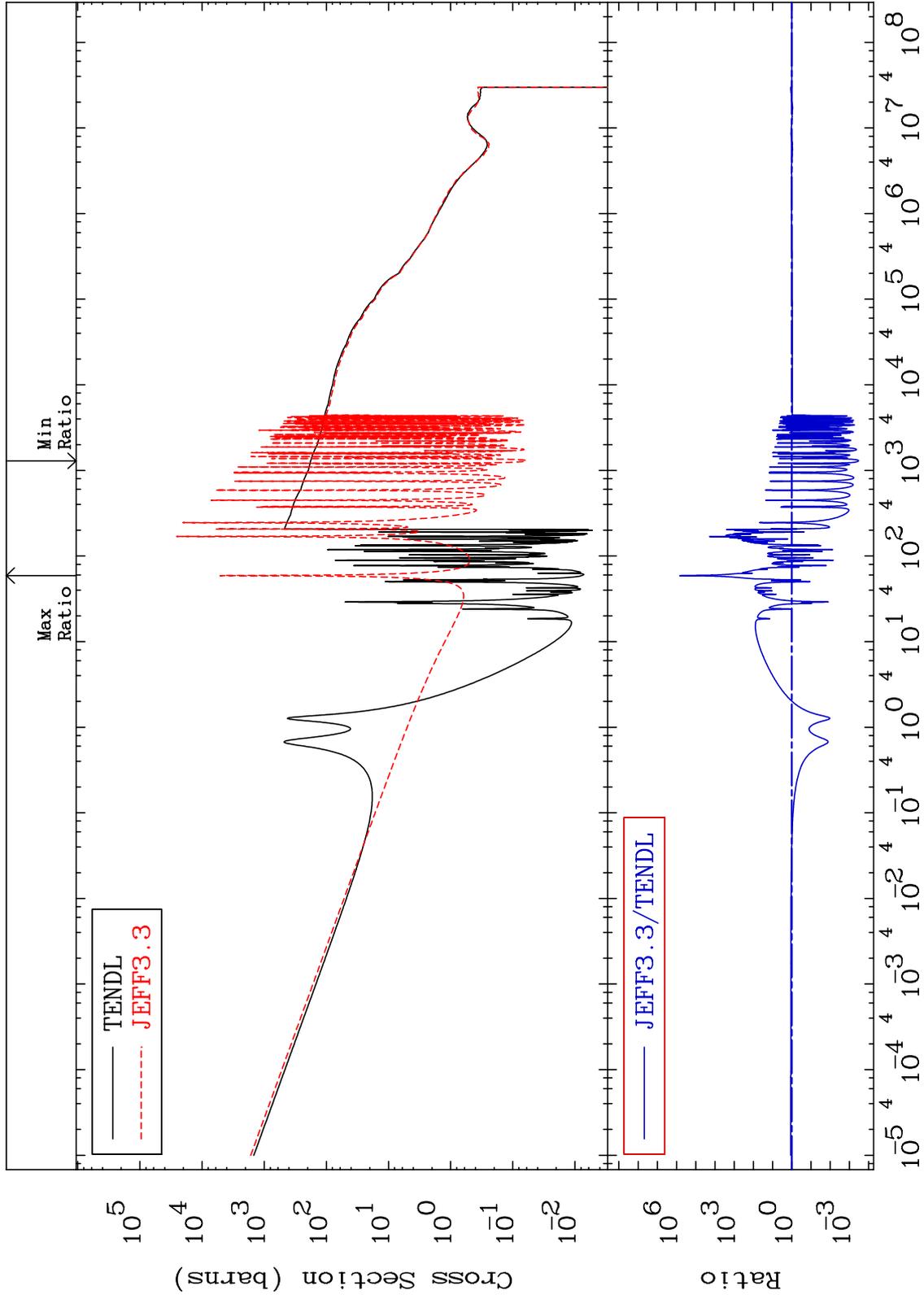
Incident Energy (eV)

43-Tc-98

MAT 4322

Kerma capture (mt102)
Cross Section

43-Tc-98
-99.97 To 9999. %



73

Incident Energy (eV)

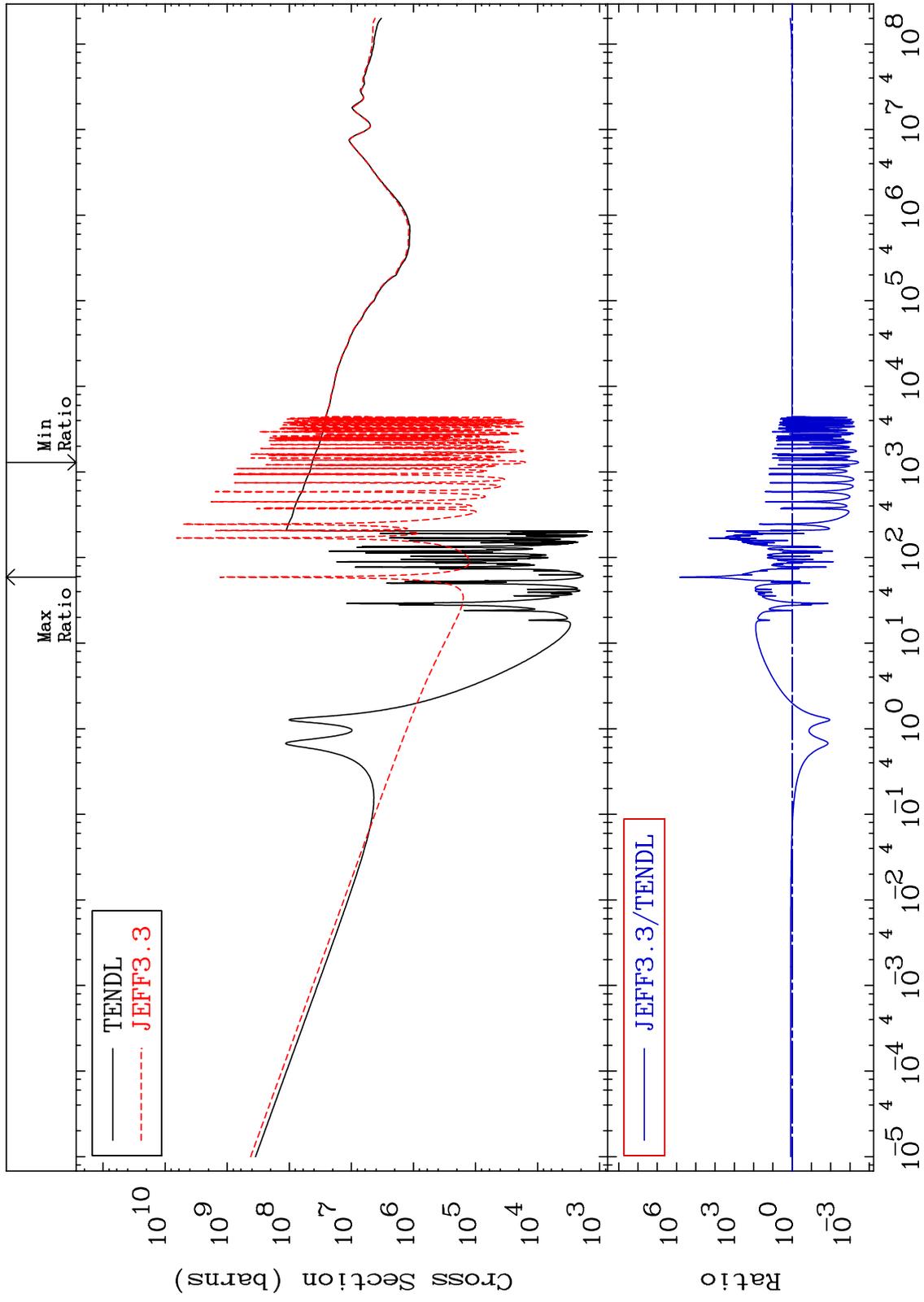
43-Tc-98

MAT 4322

Total photon (eV-barns)
Cross Section

43-Tc-98

-99.96 To 9999. %



74

Incident Energy (eV)

43-Tc-98

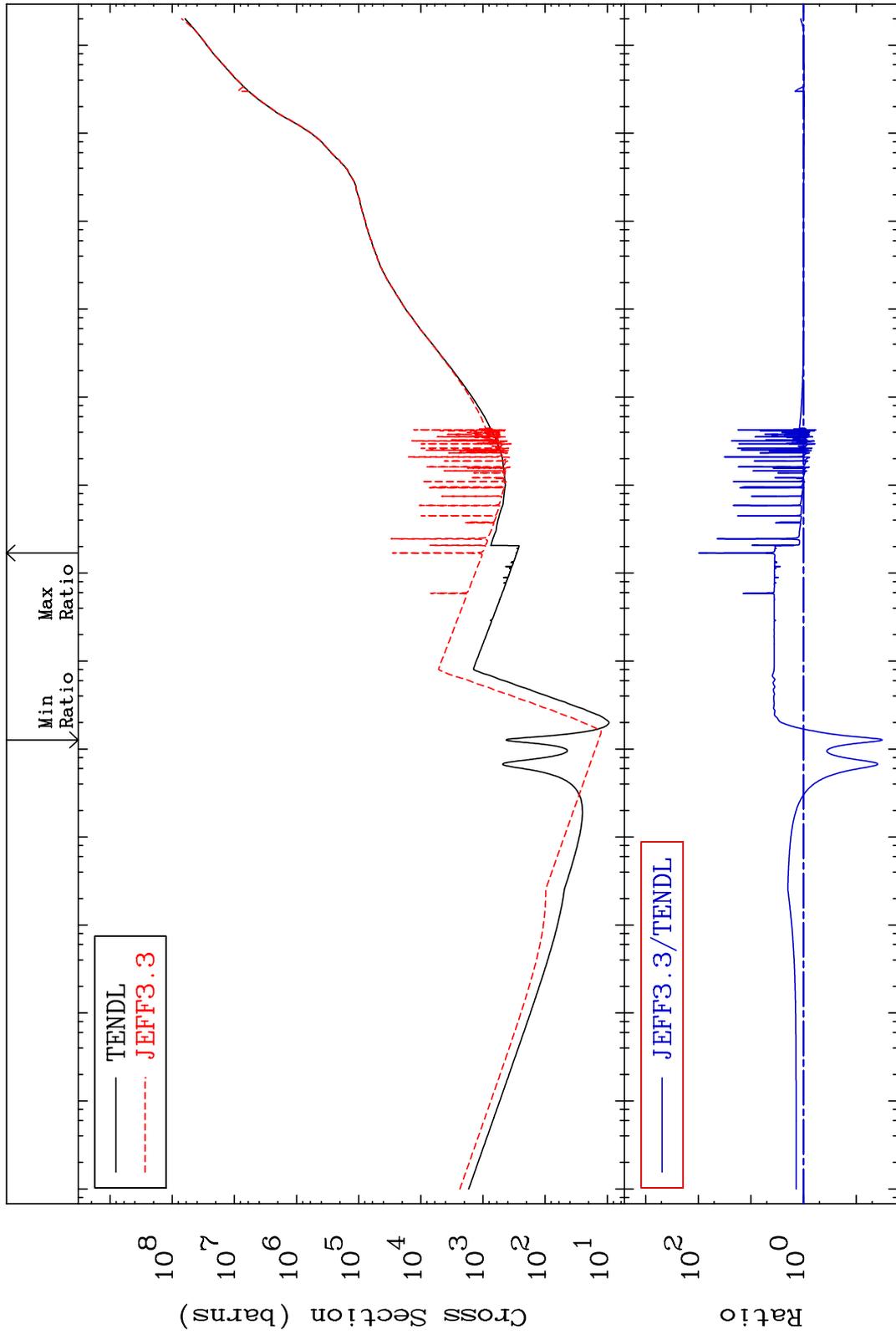
MAT 4322

Total kinematic kerma (high limit)

43-Tc-98

-96.76 To 9725. %

Cross Section



75

Incident Energy (eV)

43-Tc-98

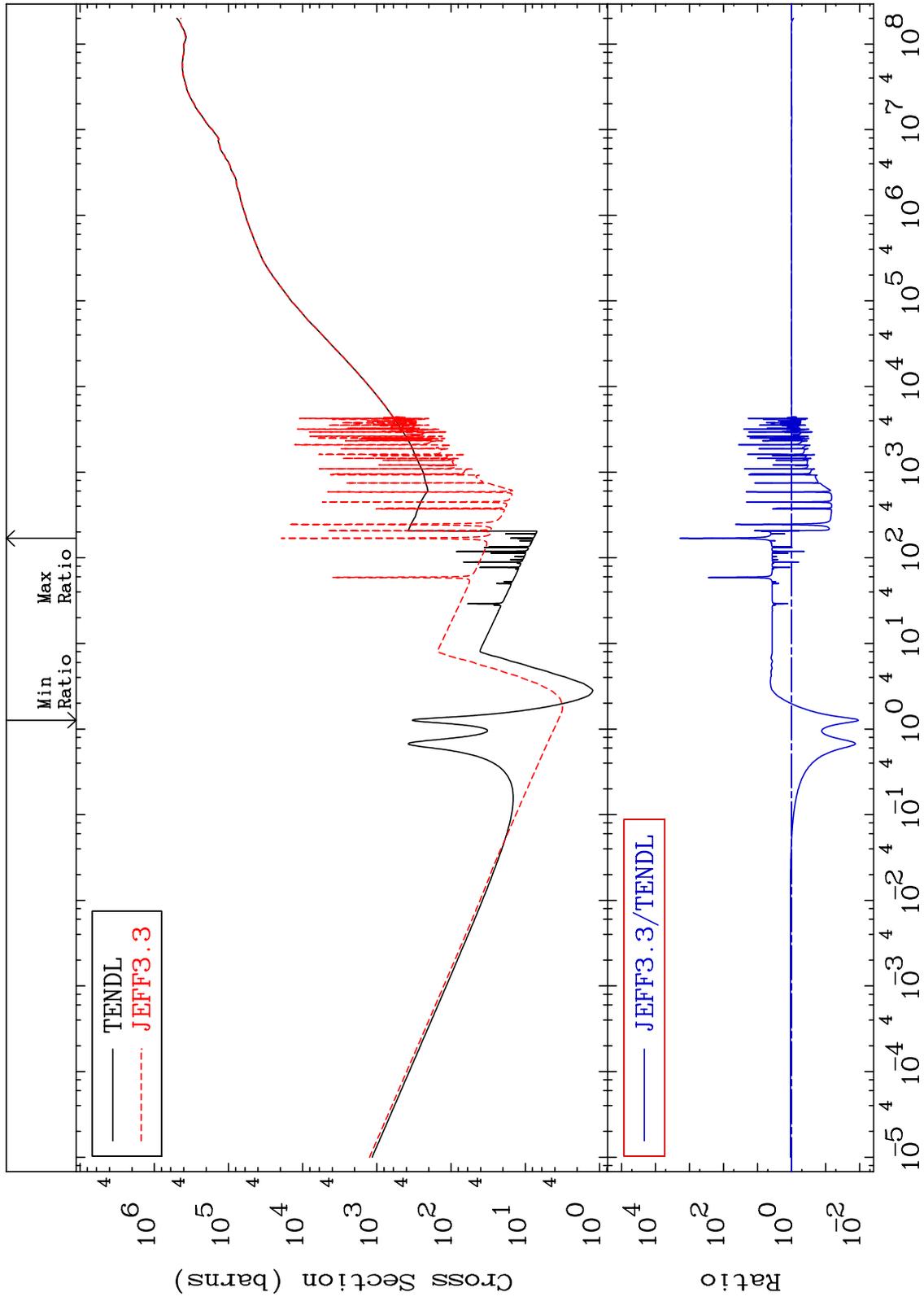
MAT 4322

Dpa total (eV-barns)

43-Tc-98

-98.91 To 9999. %

Cross Section



76

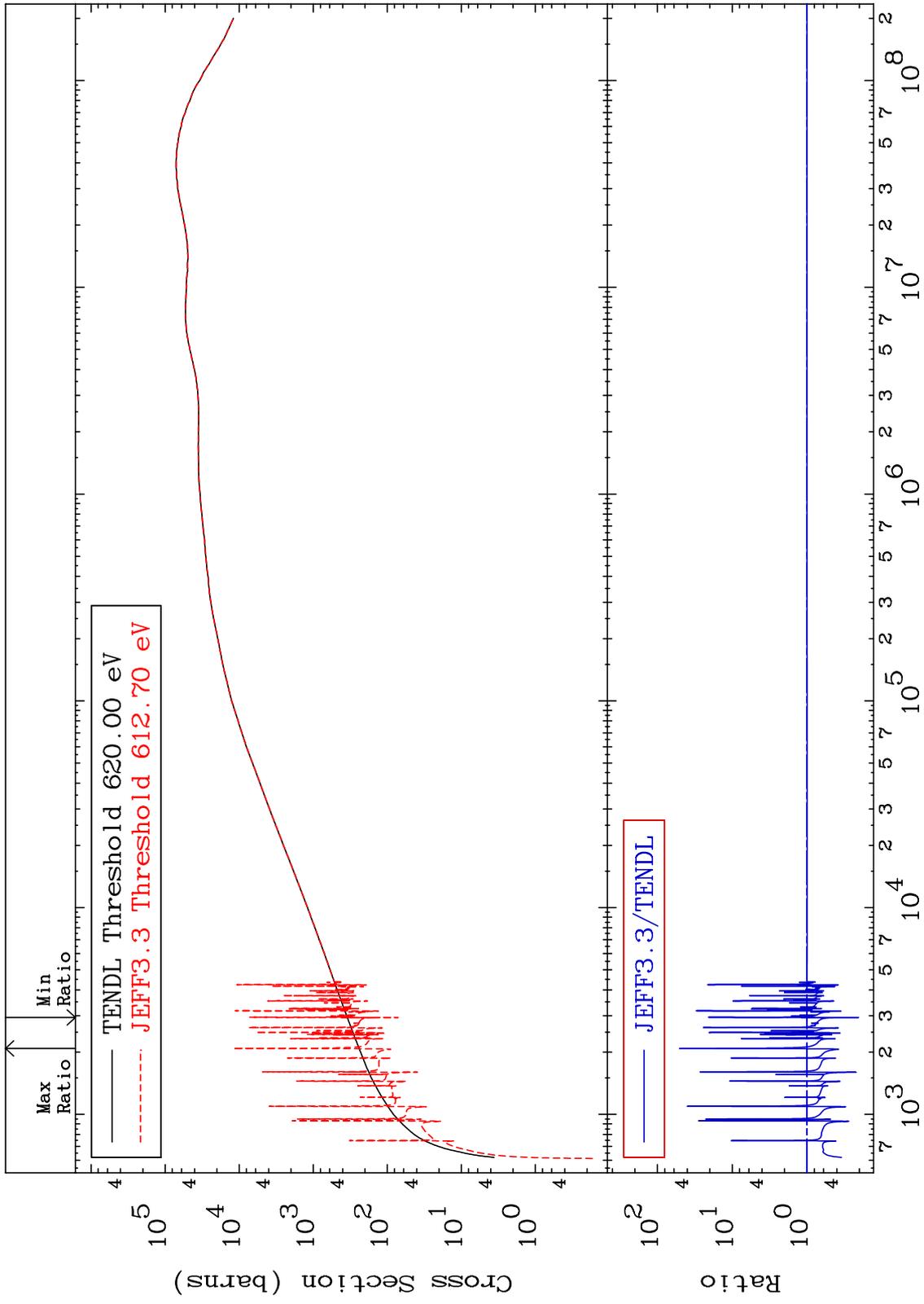
Incident Energy (eV)

43-Tc-98

MAT 4322

Dpa elastic (mt2)
Cross Section

43-Tc-98
-79.38 To 4940. %



77

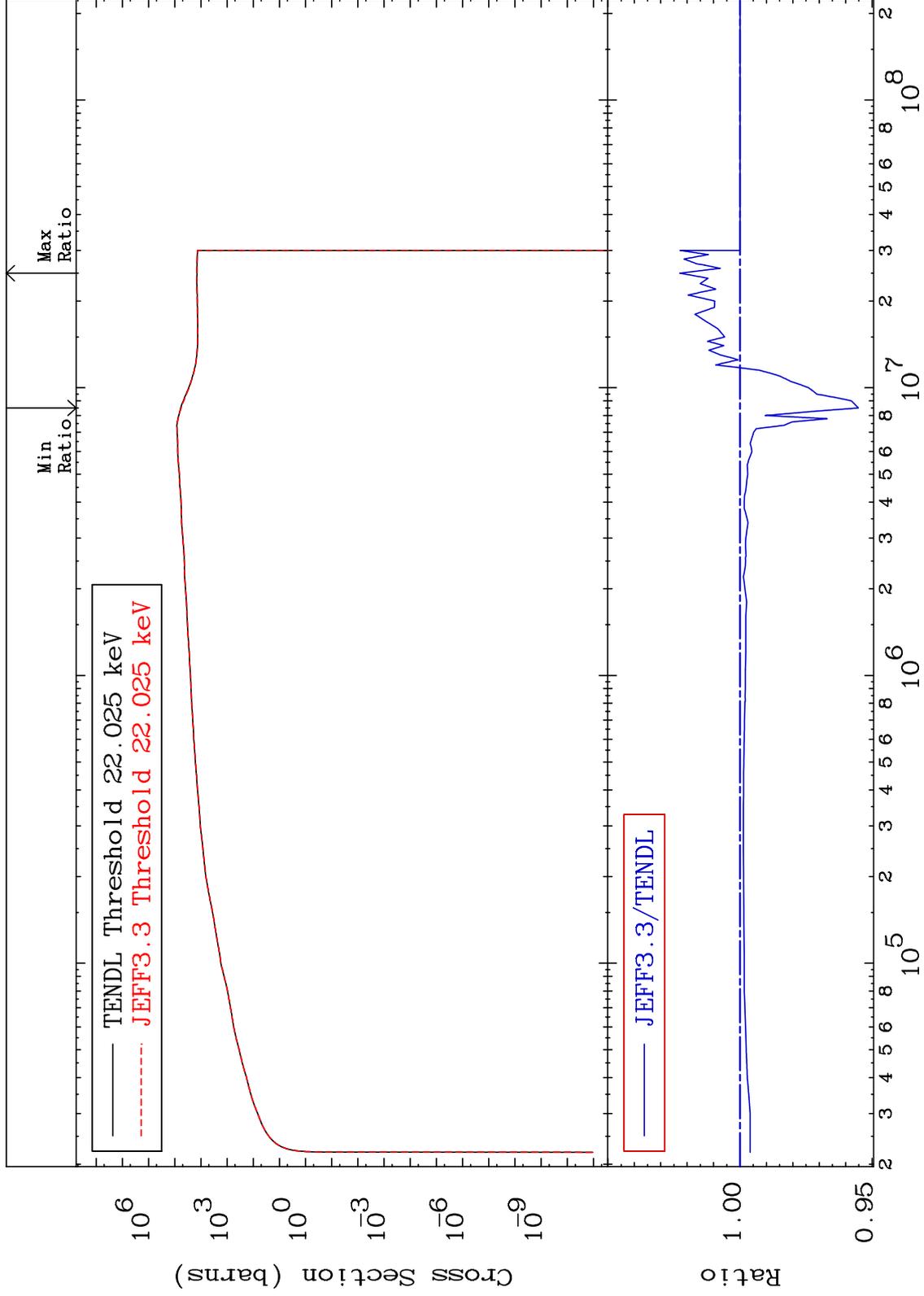
43-Tc-98

43-Tc-98

MAT 4322

Dpa inelastic (mt51-91)
Cross Section

43-Tc-98
-4.482 To 2.273 %



78

Incident Energy (eV)

43-Tc-98

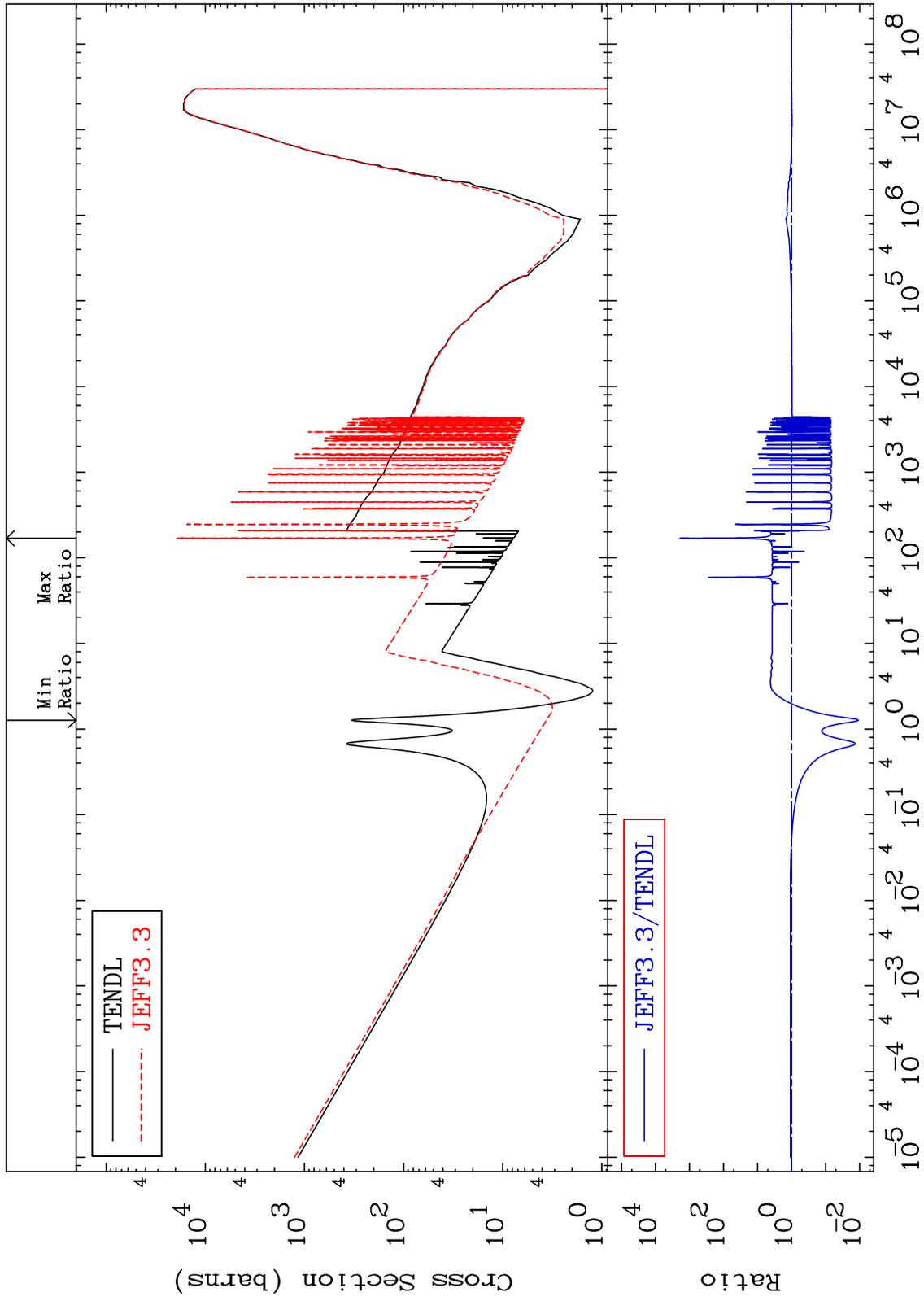
MAT 4322

Dpa disappearance (mt102 -120)

43-Tc-98

-98.91 To 9999. %

Cross Section



79

Incident Energy (eV)

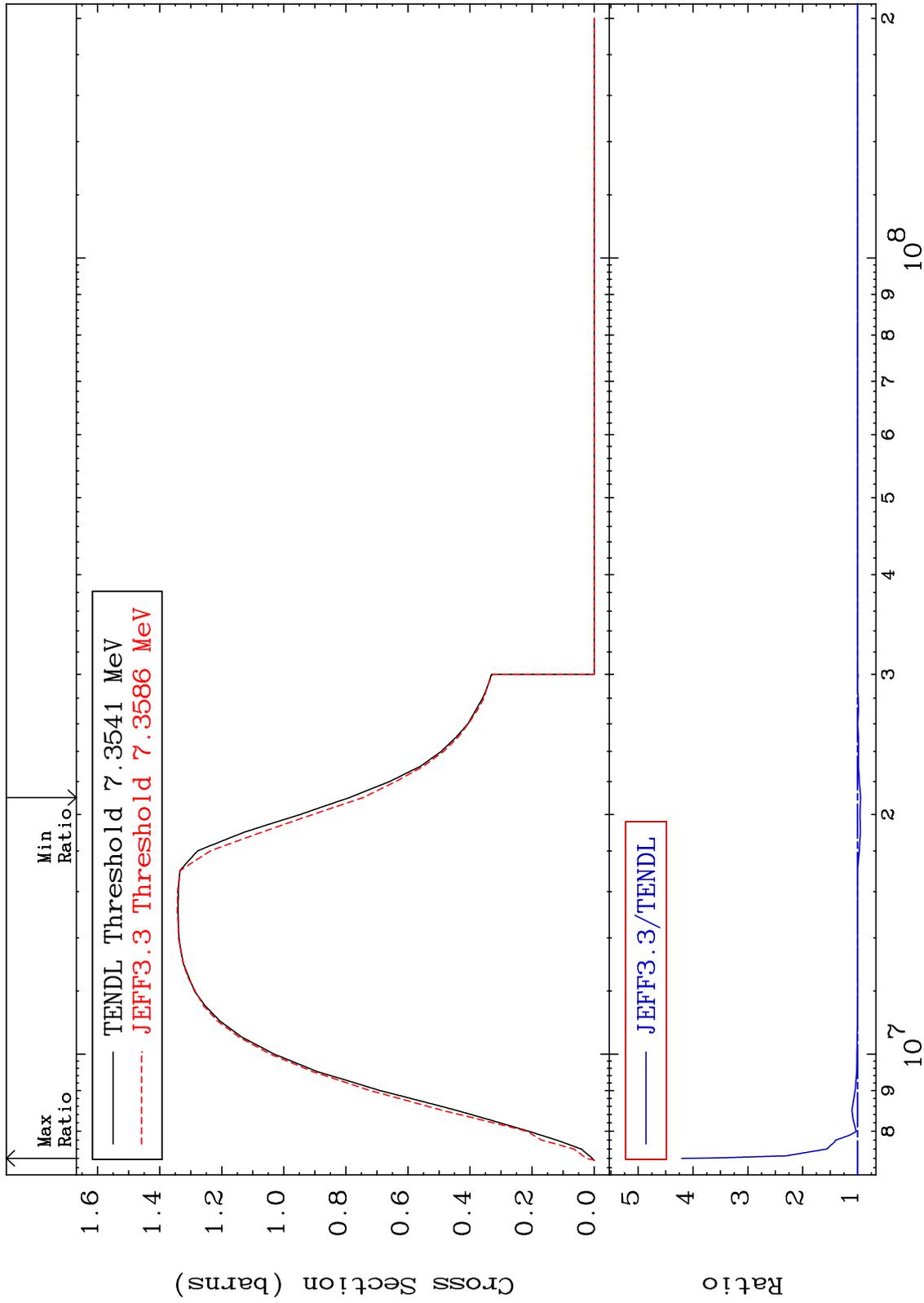
43-Tc-98

MAT 4322

(n,2n) : 43-Tc-97g

43-Tc-98

Radionuclide Production Cross Section -5.599 To 320.7 %



80

Incident Energy (eV)

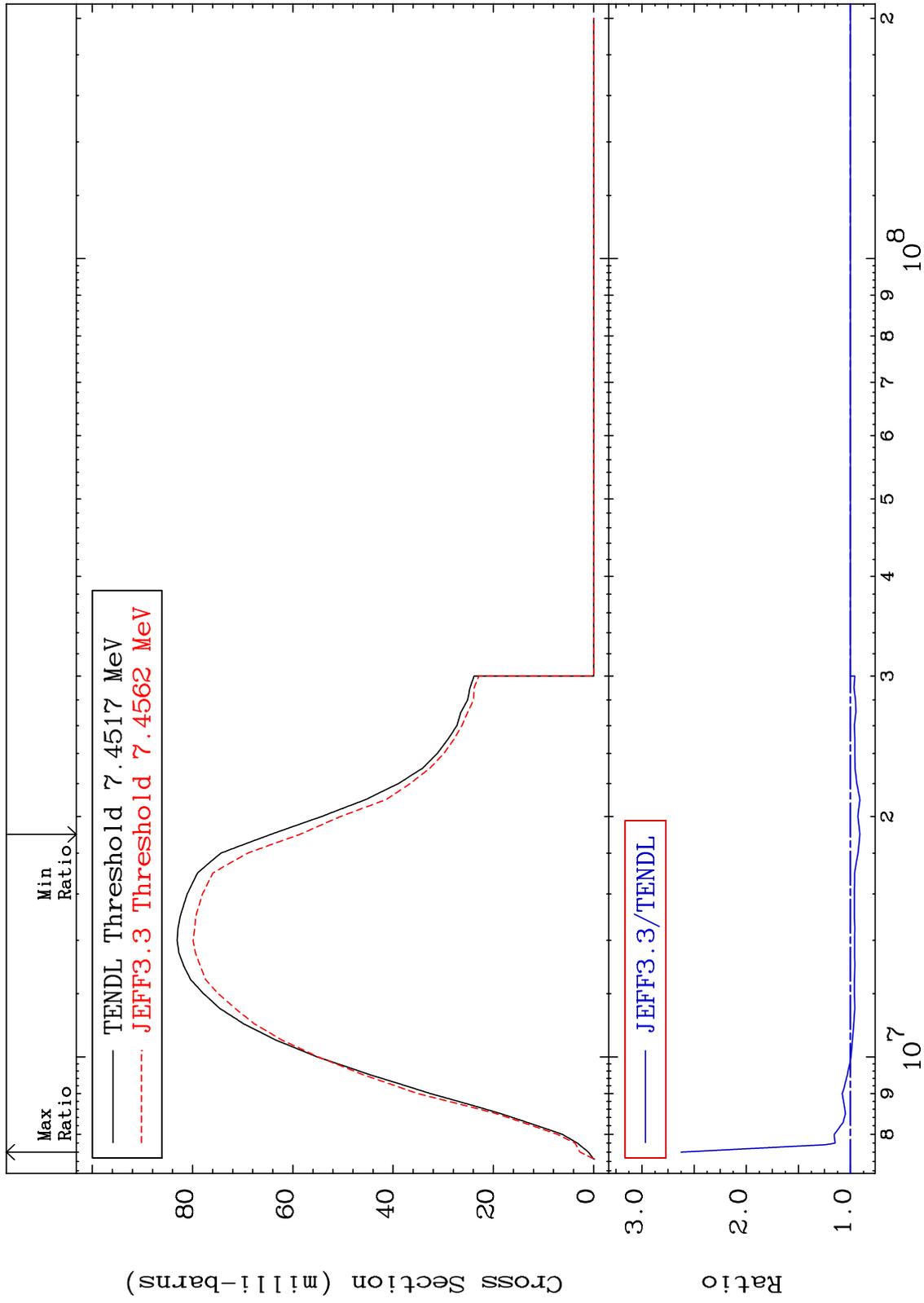
43-Tc-98

MAT 4322

(n,2n):43-Tc-97m1

43-Tc-98

Radionuclide Production Cross Section -8.997 To 162.4 %



81

Incident Energy (eV)

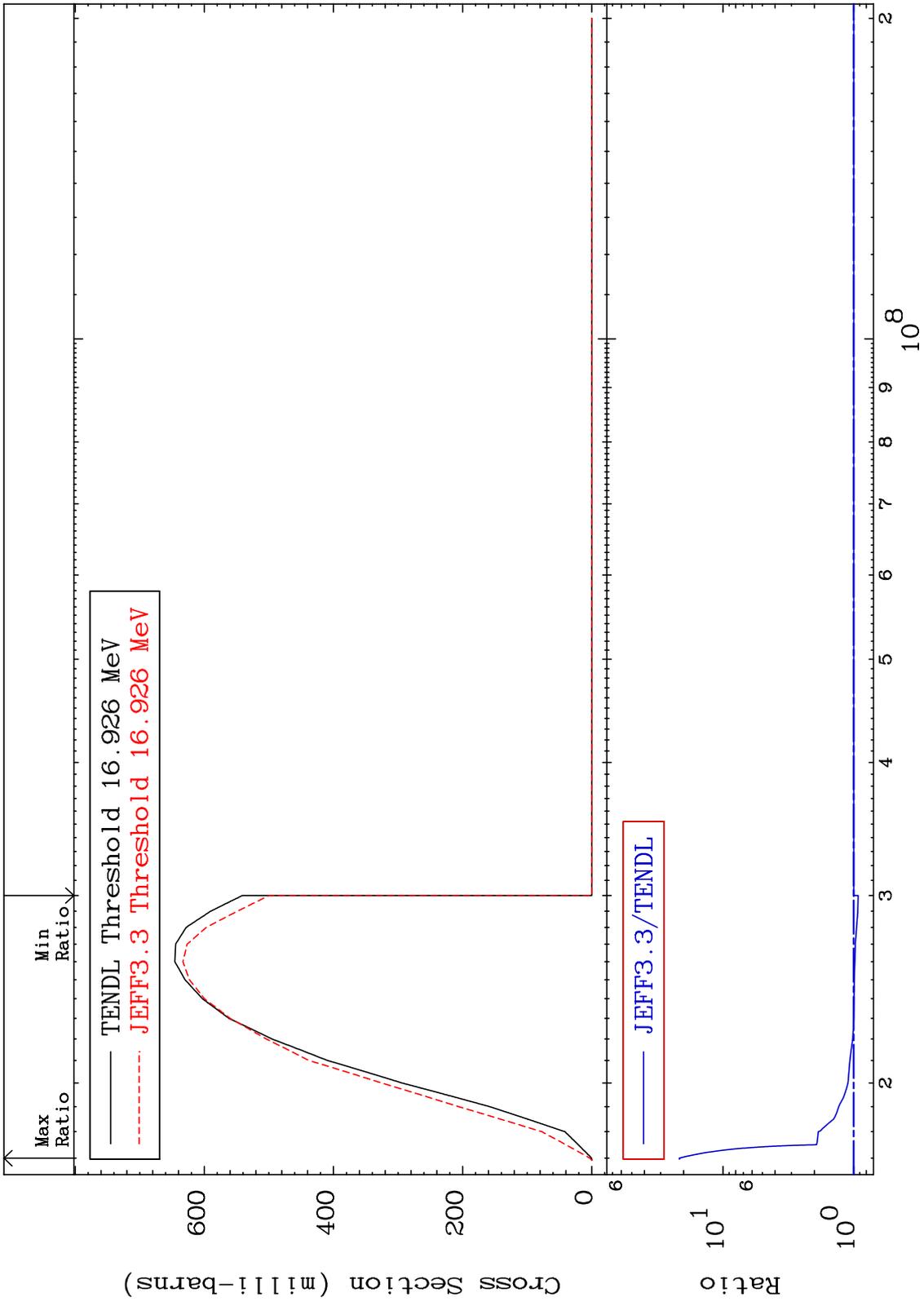
43-Tc-98

MAT 4322

(n,3n):43-Tc-96g

43-Tc-98

Radionuclide Production Cross Section -7.672 To 2061. %

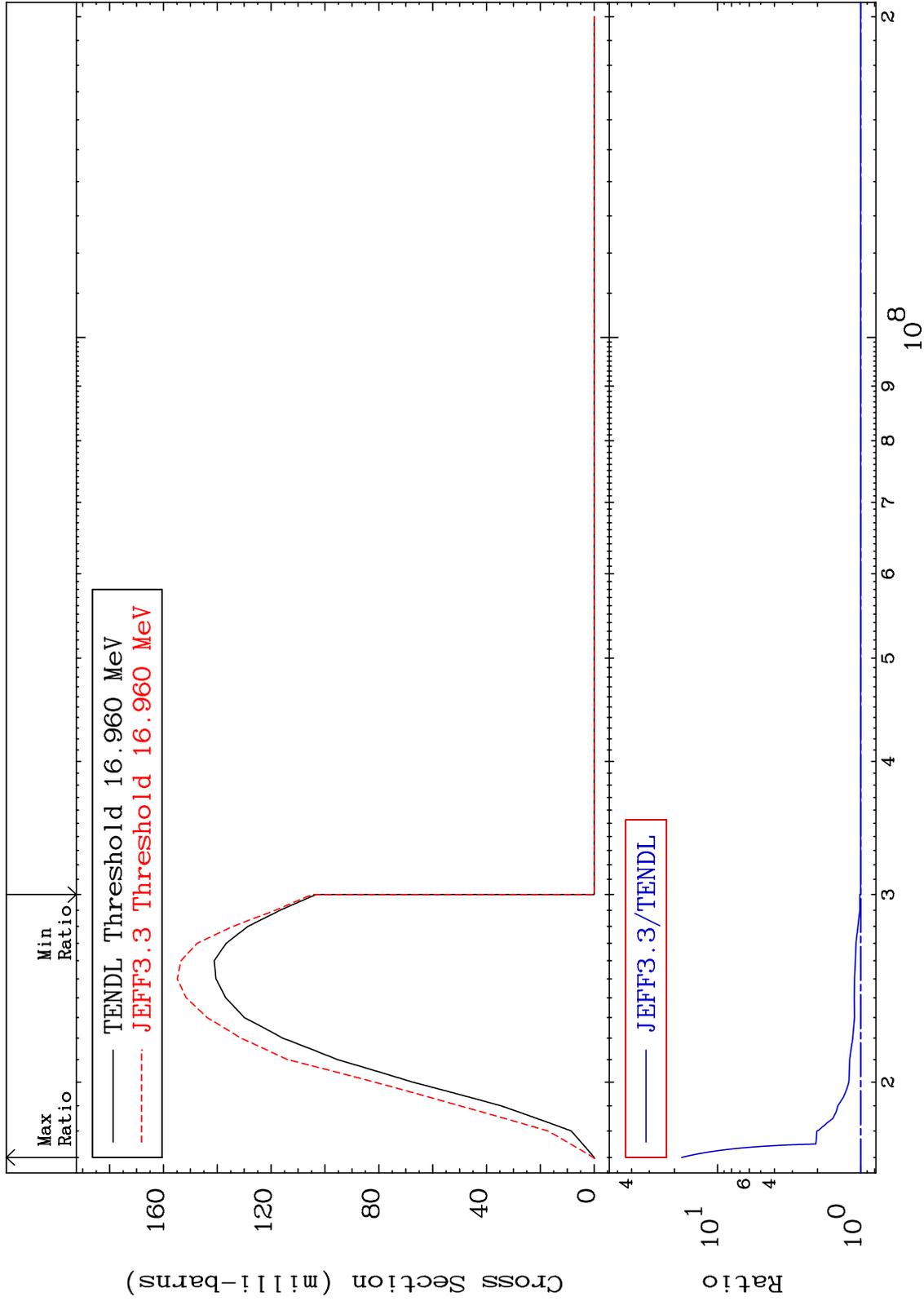


MAT 4322

(n,3n):43-Tc-96m1

43-Tc-98

Radionuclide Production Cross Section 0.000 To 1681. %

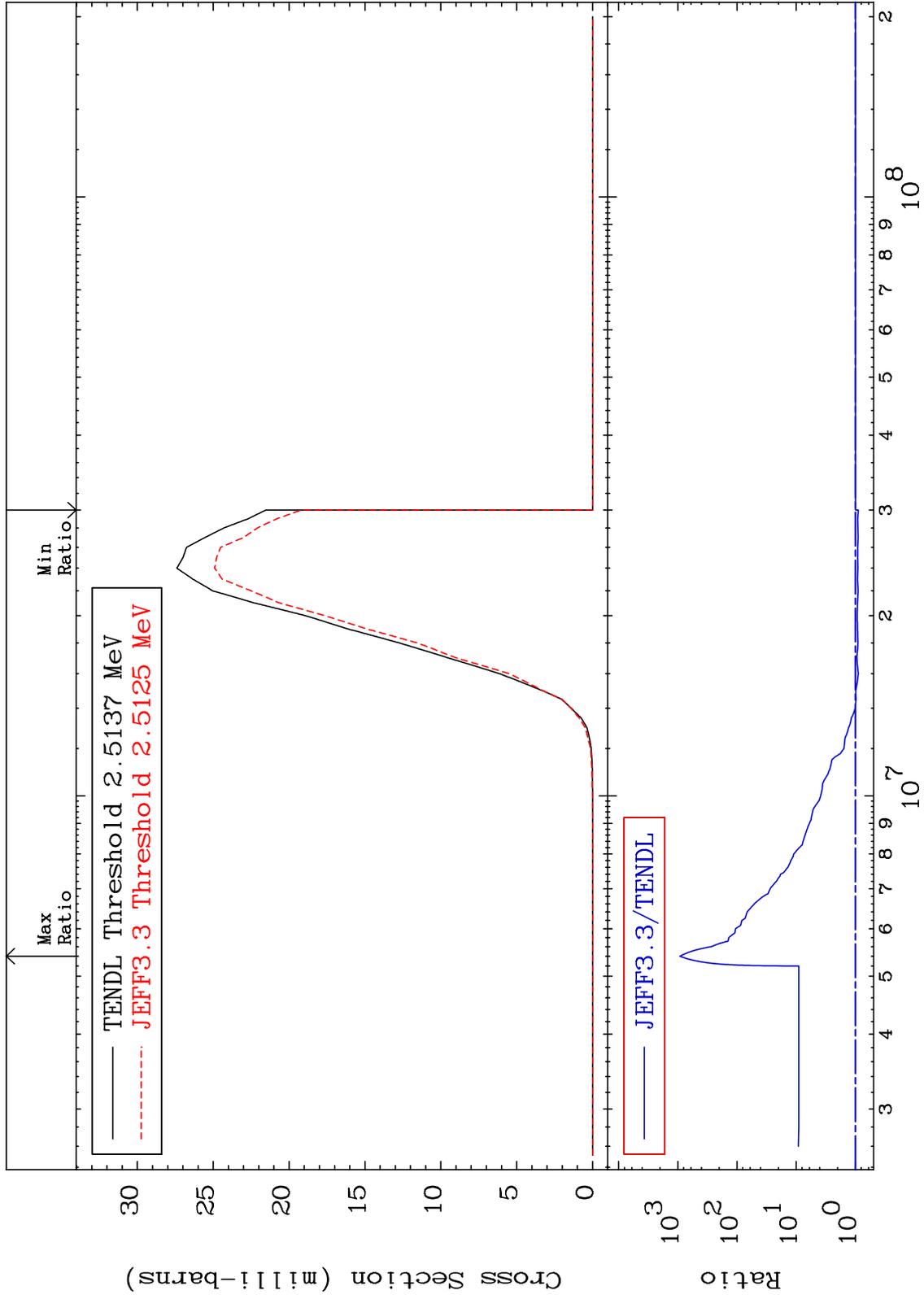


MAT 4322

(n, n') α : 41-Nb-94g

43-Tc-98

Radionuclide Production Cross Section -10.82 To 9999. %

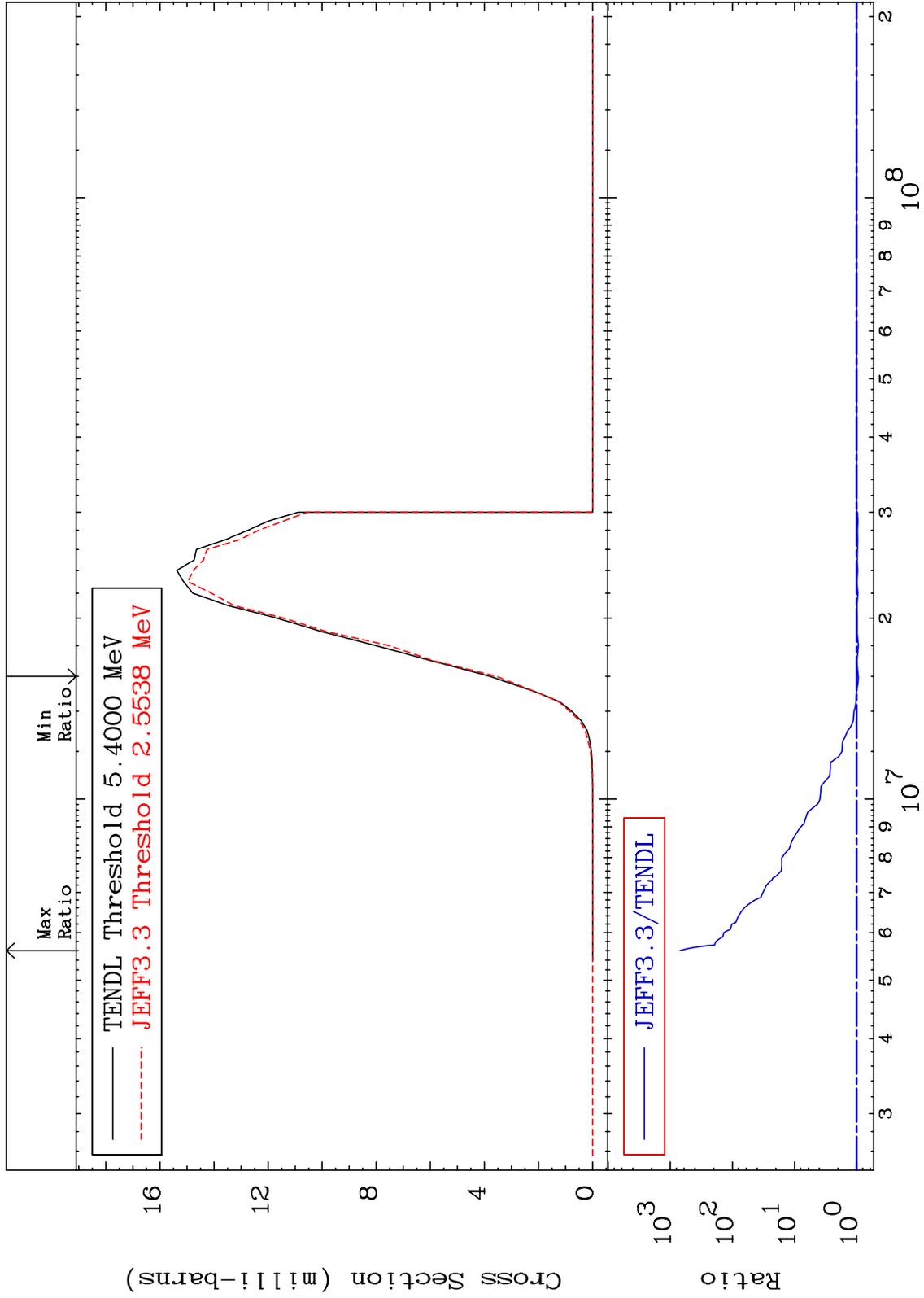


MAT 4322

(n, n') α :41-Nb-94m1

43-Tc-98

Radionuclide Production Cross Section -6.197 To 9999. %



85

Incident Energy (eV)

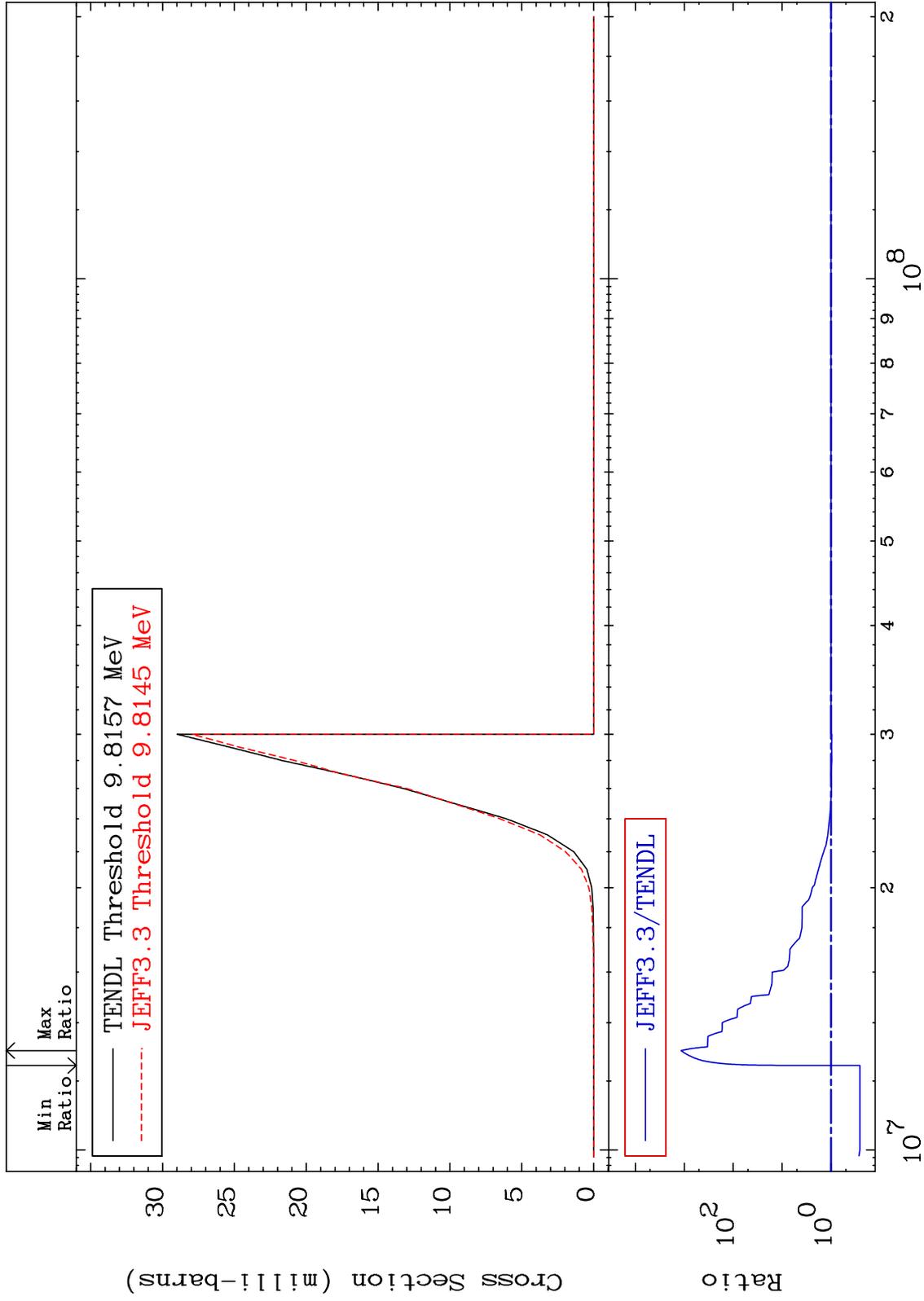
43-Tc-98

MAT 4322

(n,2n) α : 41-Nb-93g

43-Tc-98

Radionuclide Production Cross Section -74.29 To 9999. %



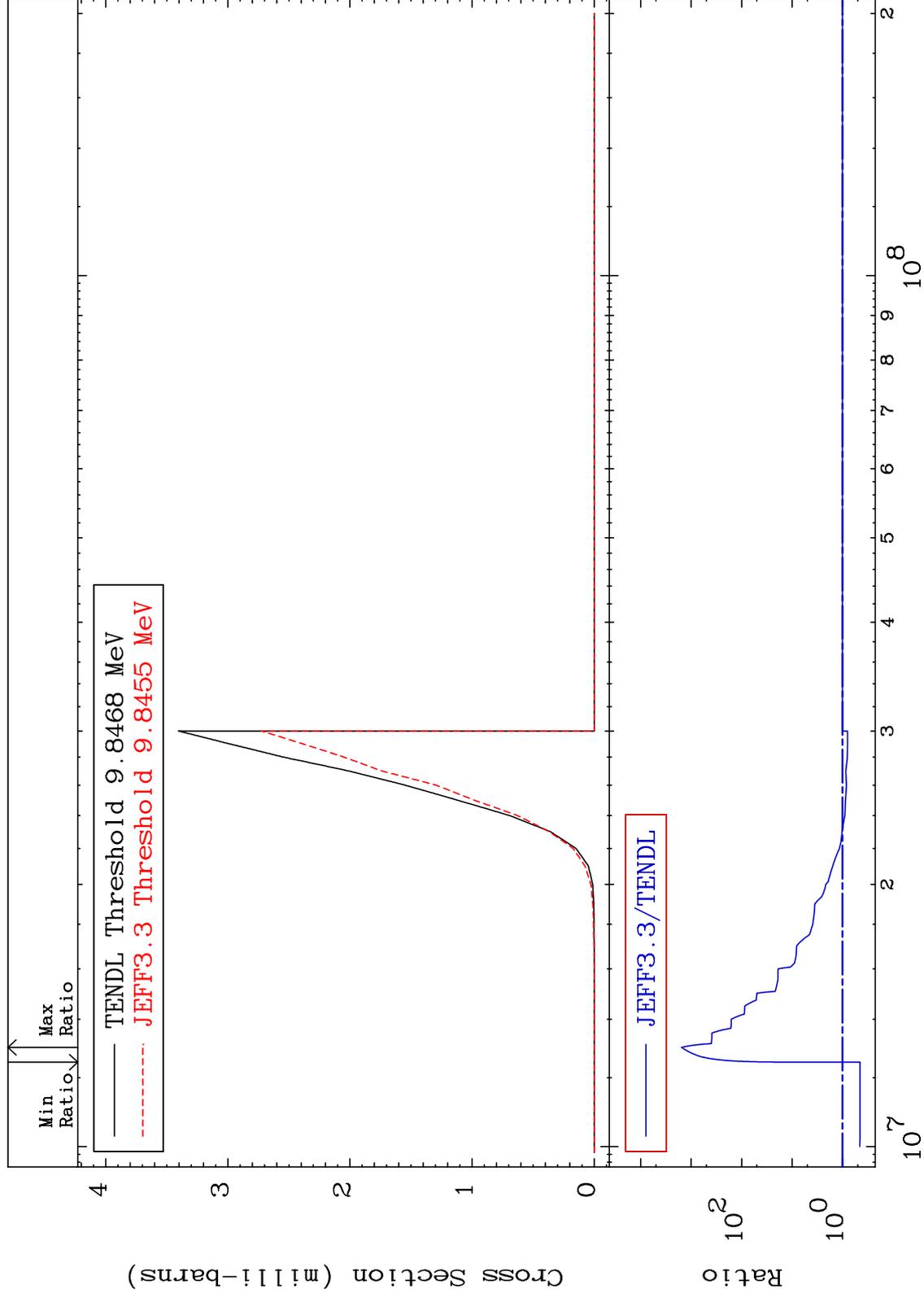
43-Tc-98

MAT 4322

(n,2n) α :41-Nb-93m1

43-Tc-98

Radionuclide Production Cross Section -54.79 To 9999. %



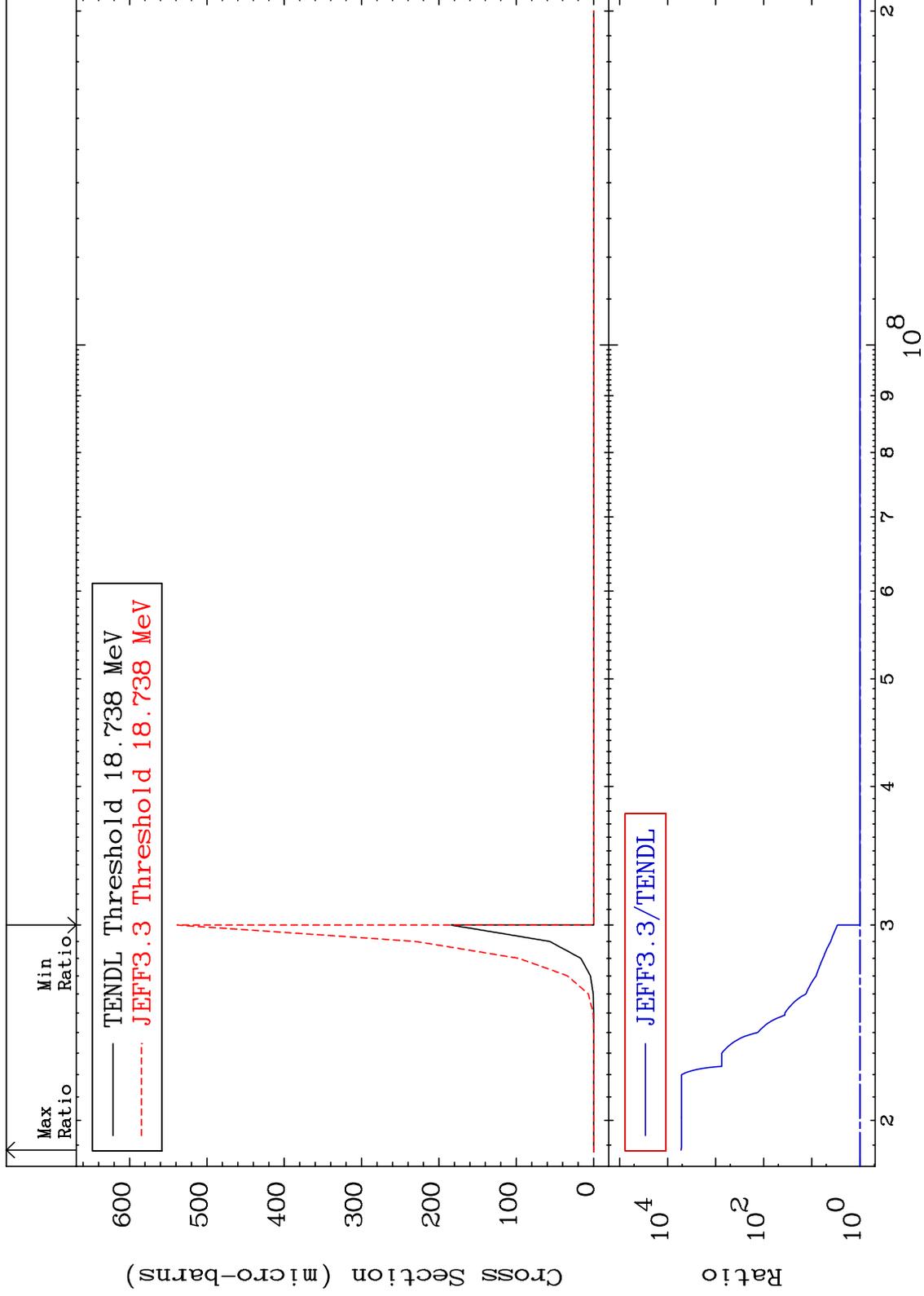
43-Tc-98

MAT 4322

(n,3n) α : 41-Nb-92g

43-Tc-98

Radionuclide Production Cross Section 0.000 To 9999. %



88

Incident Energy (eV)

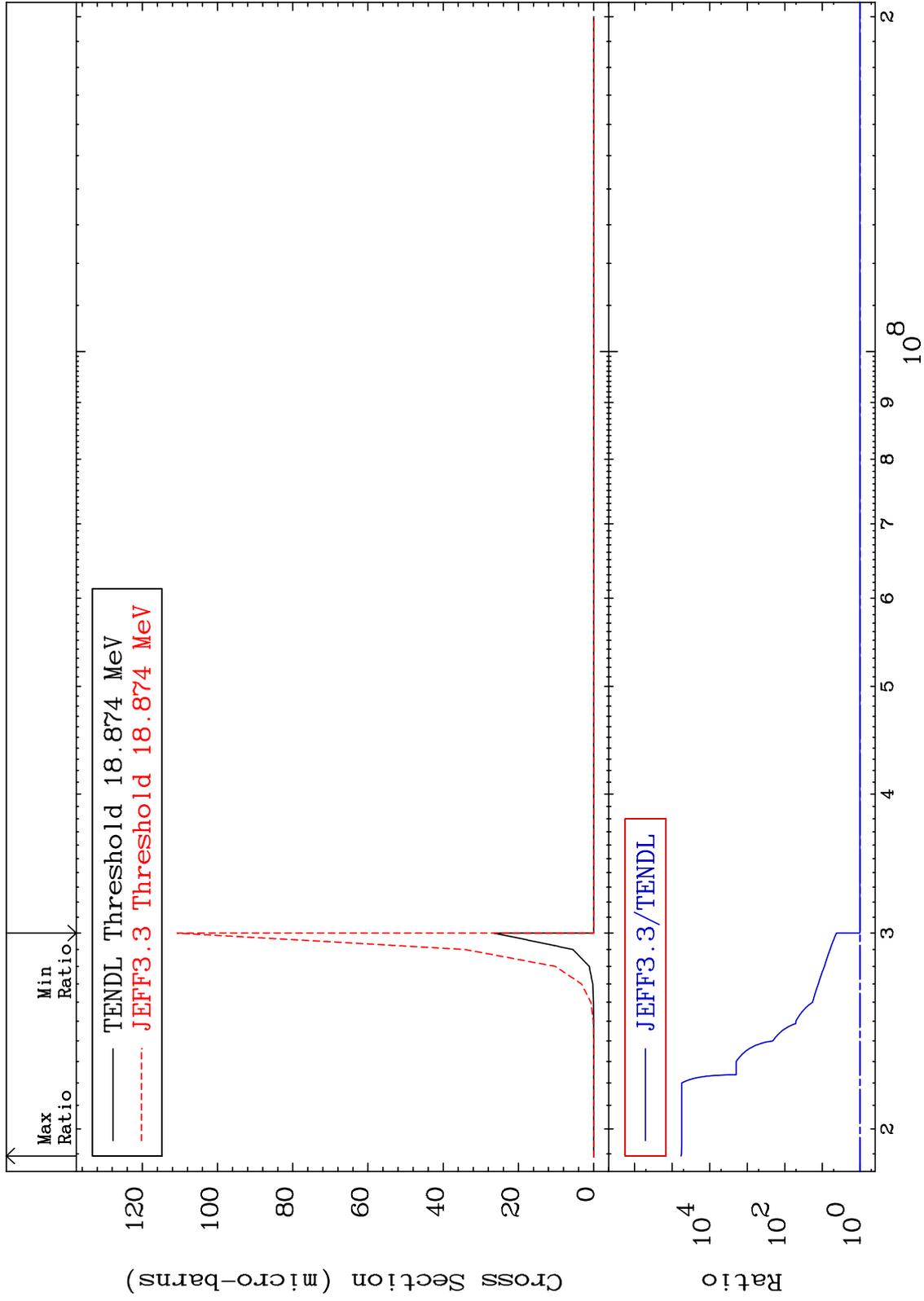
43-Tc-98

MAT 4322

(n,3n) α :41-Nb-92m1

43-Tc-98

Radionuclide Production Cross Section 0.000 To 9999. %



89

Incident Energy (eV)

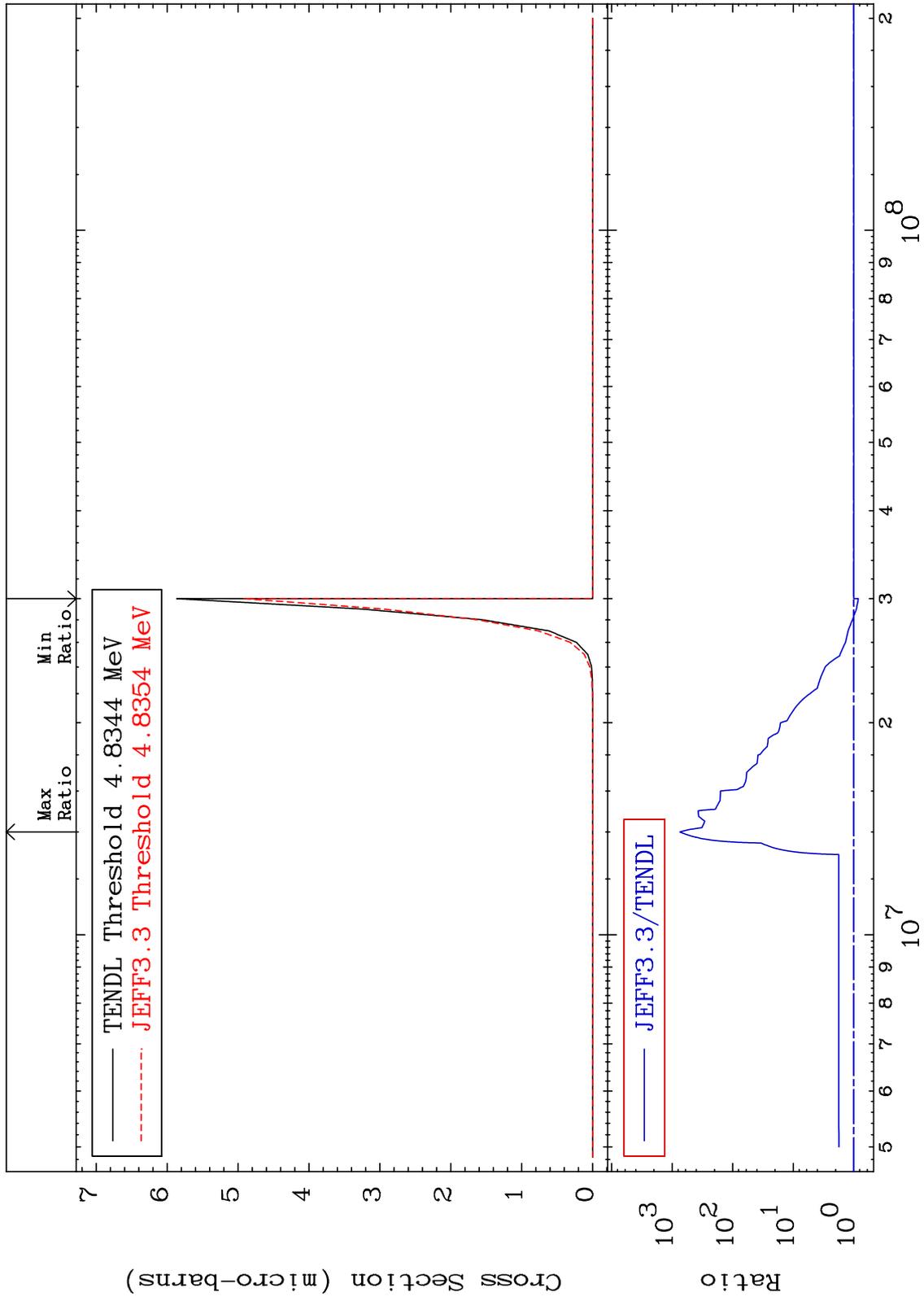
43-Tc-98

MAT 4322

43-Tc-98

(n, n') 2α:39-Y -90g

Radionuclide Production Cross Section -16.05 To 9999. %



90

Incident Energy (eV)

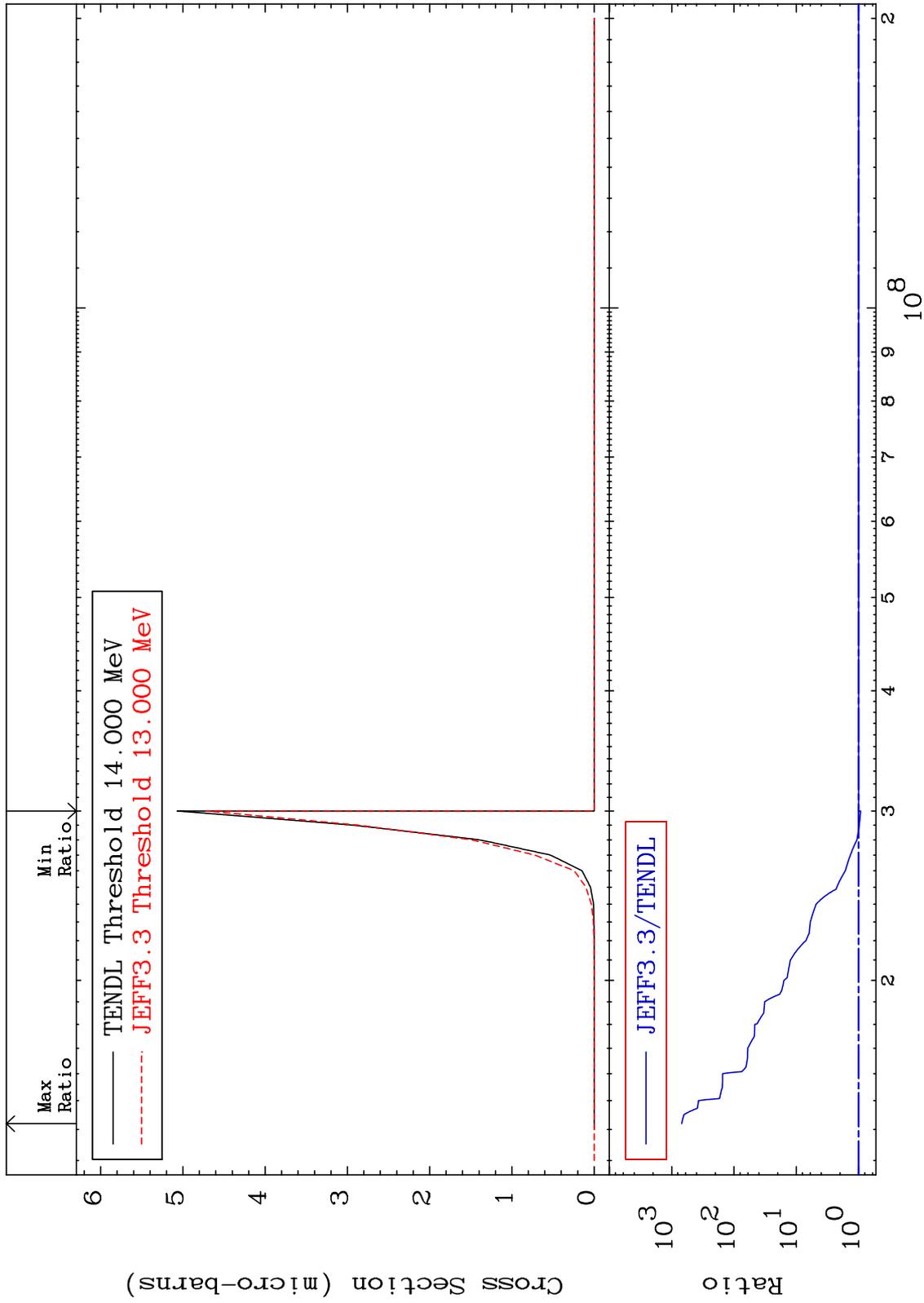
43-Tc-98

MAT 4322

(n, n') ^{239}Pu -90m2

^{43}Tc -98

Radionuclide Production Cross Section -6.941 To 9999. %

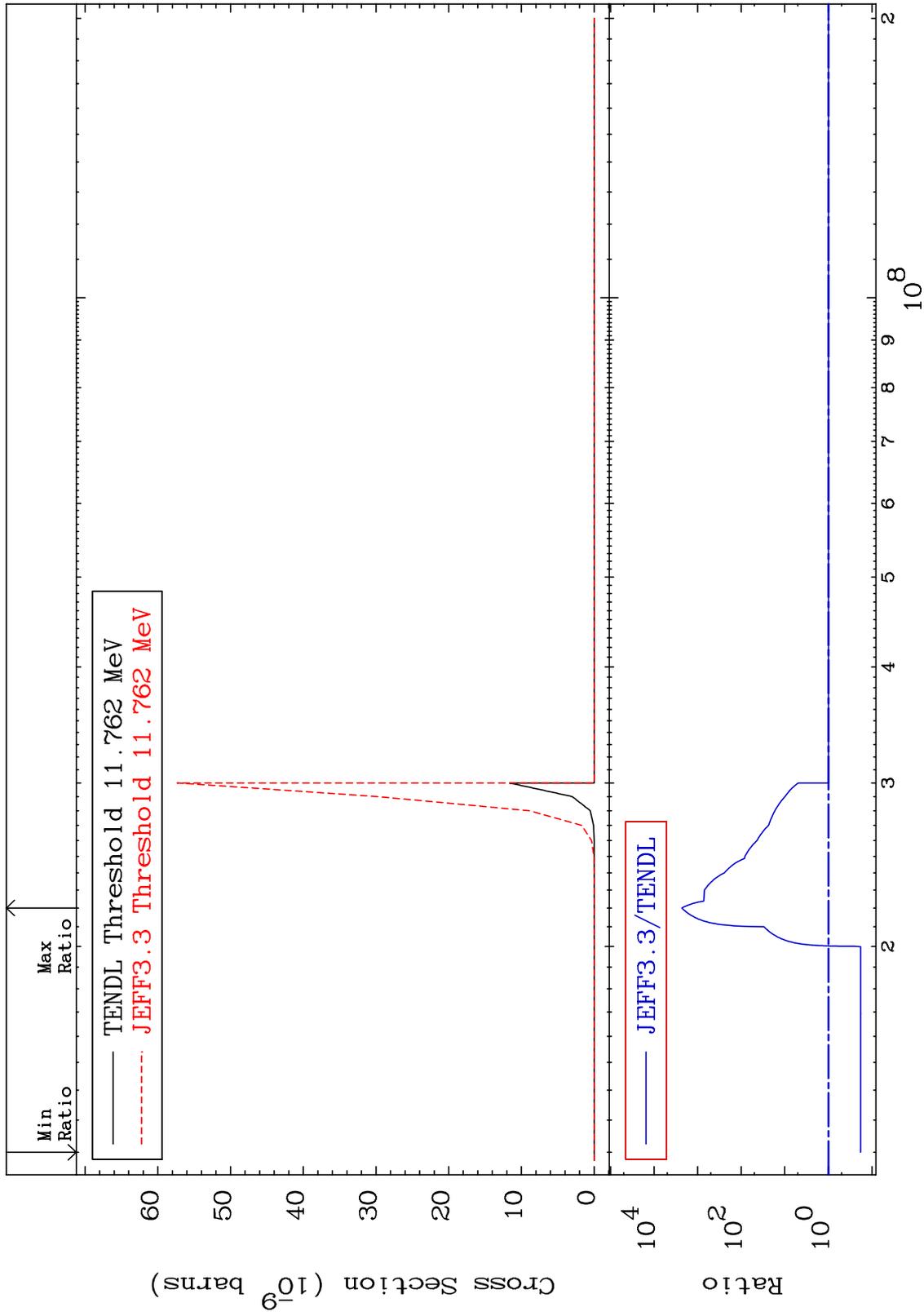


MAT 4322

(n,2n) ^{239}Pu -89g

^{43}Tc -98

Radionuclide Production Cross Section -81.86 To 9999. %

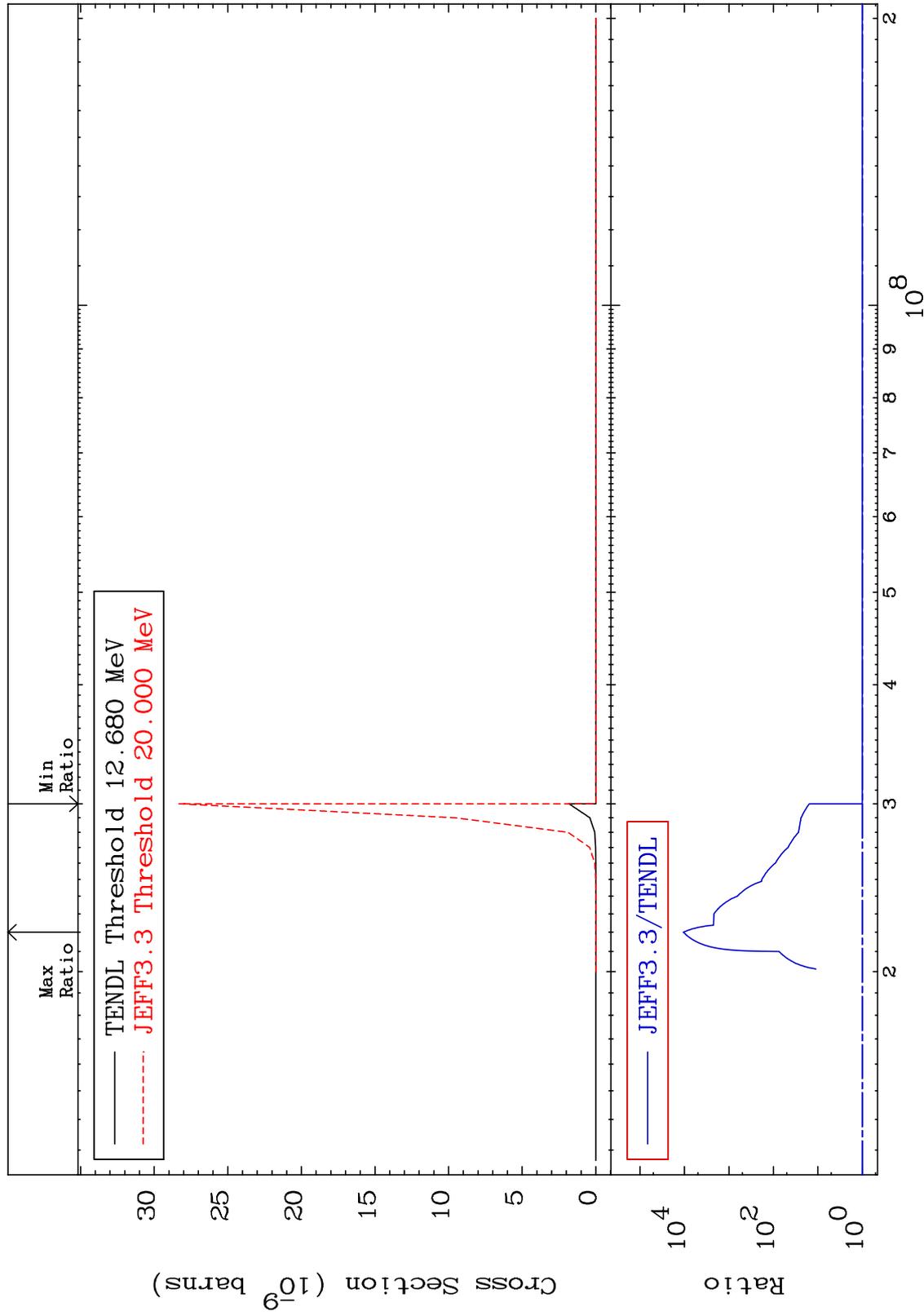


MAT 4322

(n,2n) 2α:39-Y -89m1

43-Tc-98

Radionuclide Production Cross Section 0.000 To 9999. %

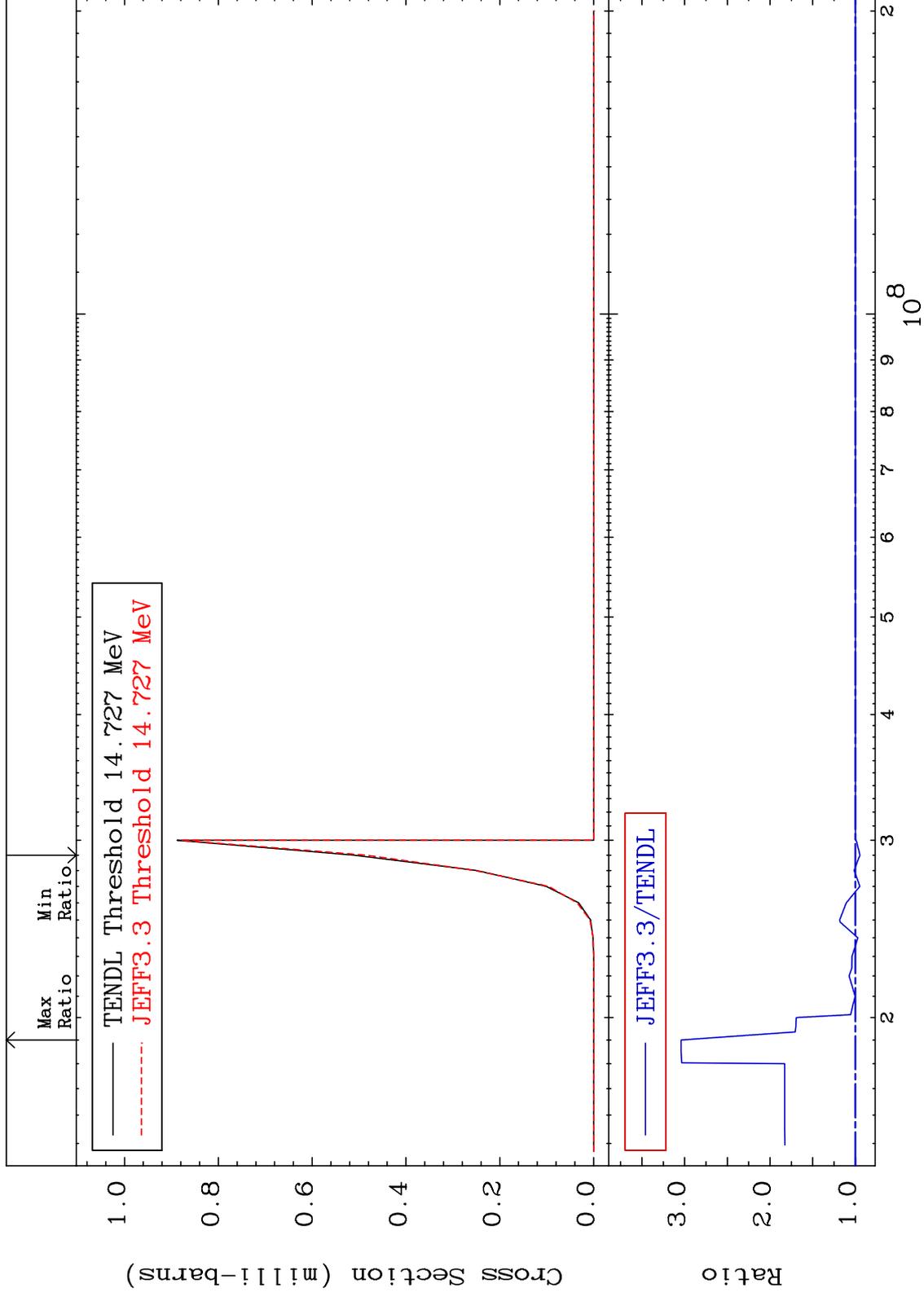


MAT 4322

(n, n') He-3: 41-Nb-95g

43-Tc-98

Radionuclide Production Cross Section -5.302 To 204.1 %

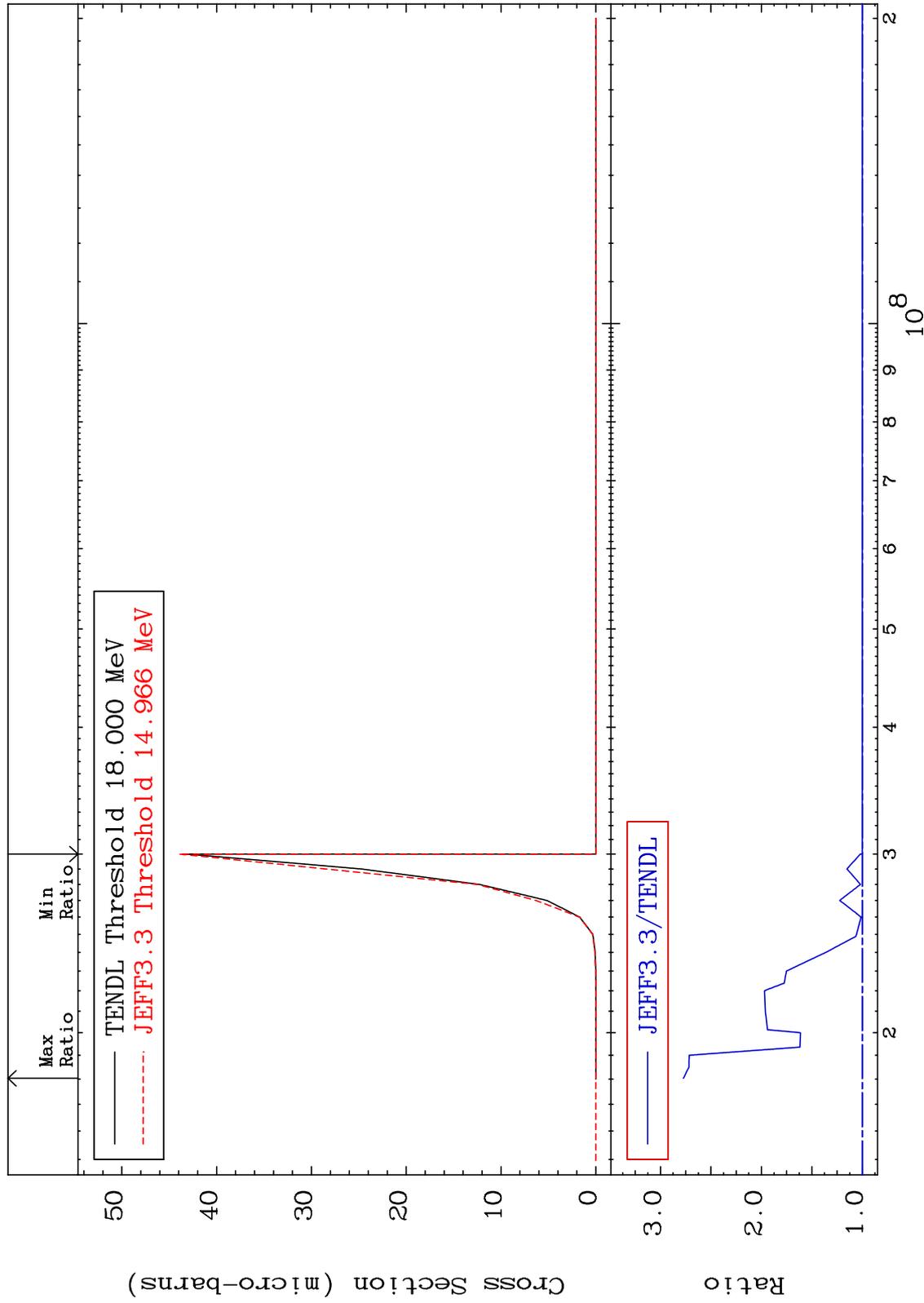


MAT 4322

(n, n') He-3:41-Nb-95m1

43-Tc-98

Radionuclide Production Cross Section 0.000 To 177.3 %



95

Incident Energy (eV)

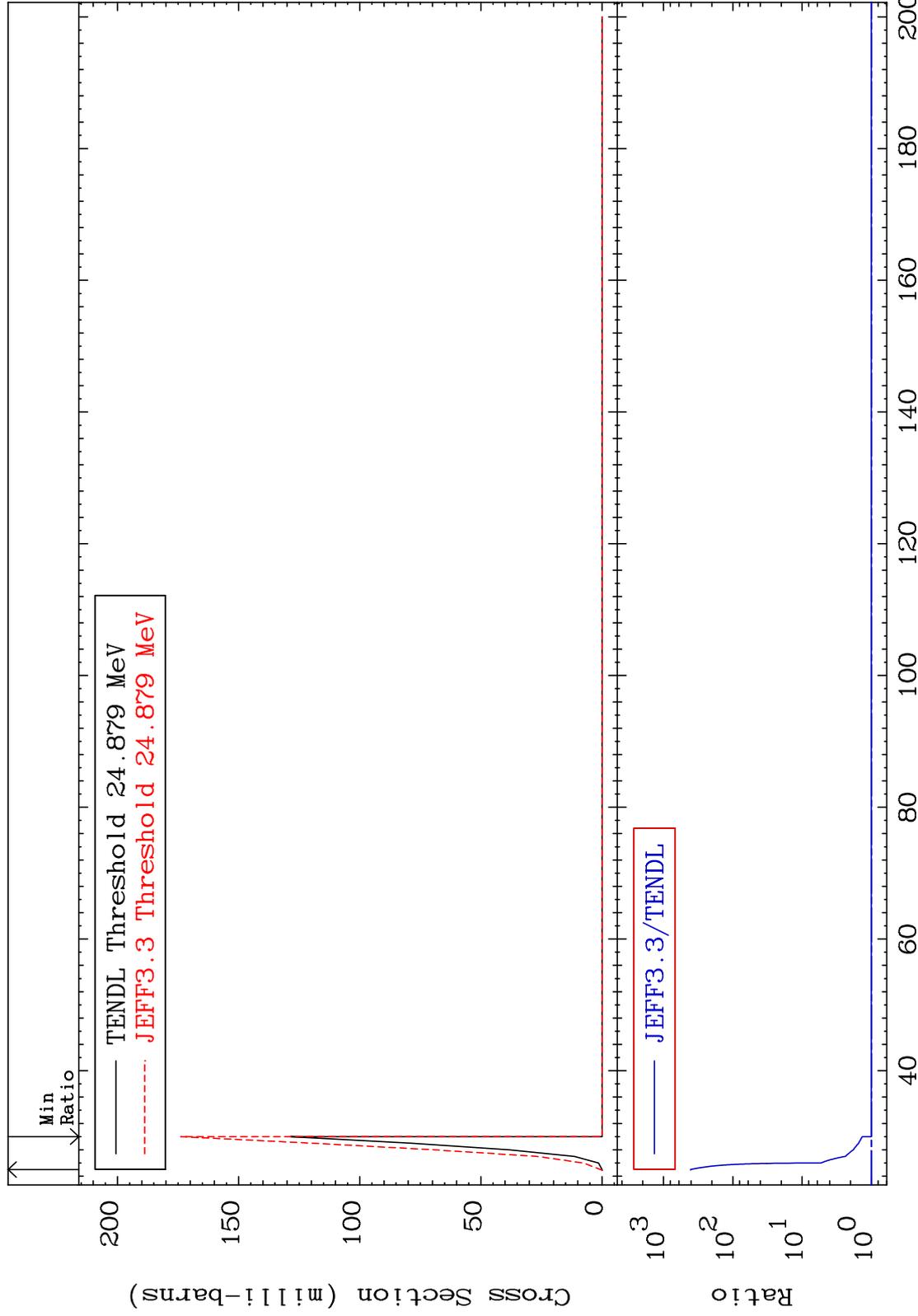
43-Tc-98

MAT 4322

(n, 4n) : 43-Tc-95g

43-Tc-98

Radionuclide Production Cross Section 0.000 To 9999. %

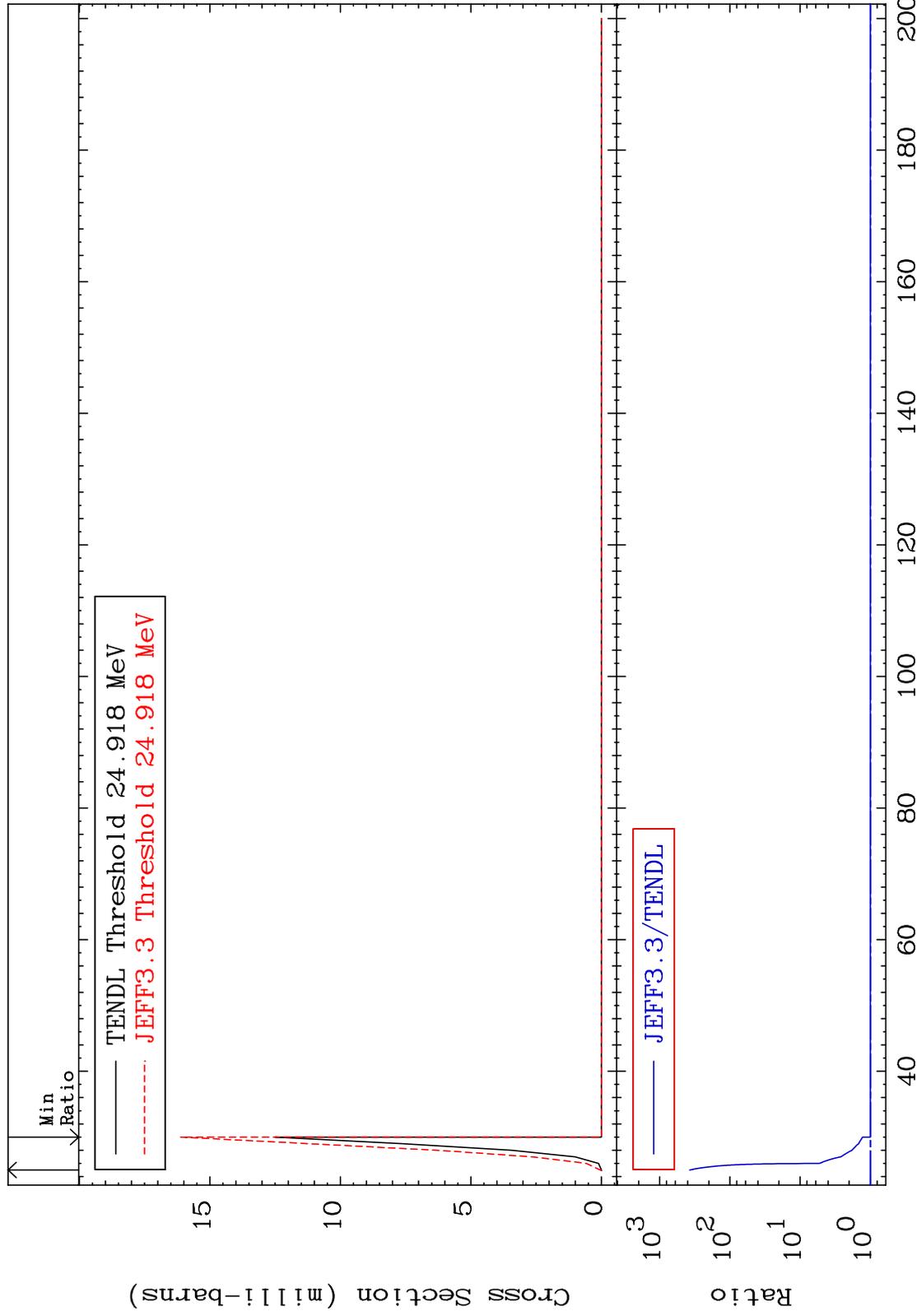


MAT 4322

(n,4n):43-Tc-95m1

43-Tc-98

Radionuclide Production Cross Section 0.000 To 9999. %

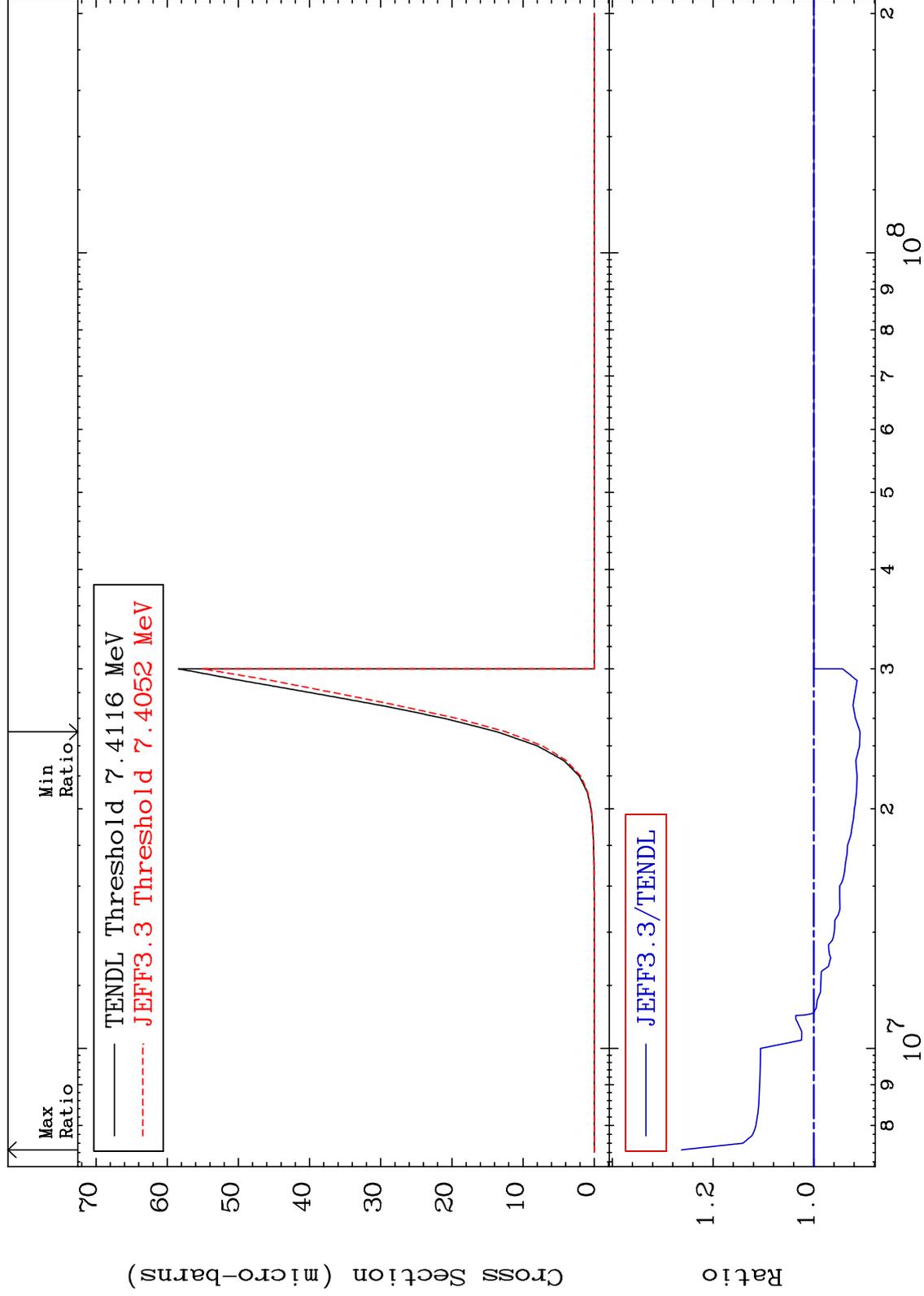


MAT 4322

(n,2p) : 41-Nb-97g

43-Tc-98

Radionuclide Production Cross Section -9.159 To 26.26 %

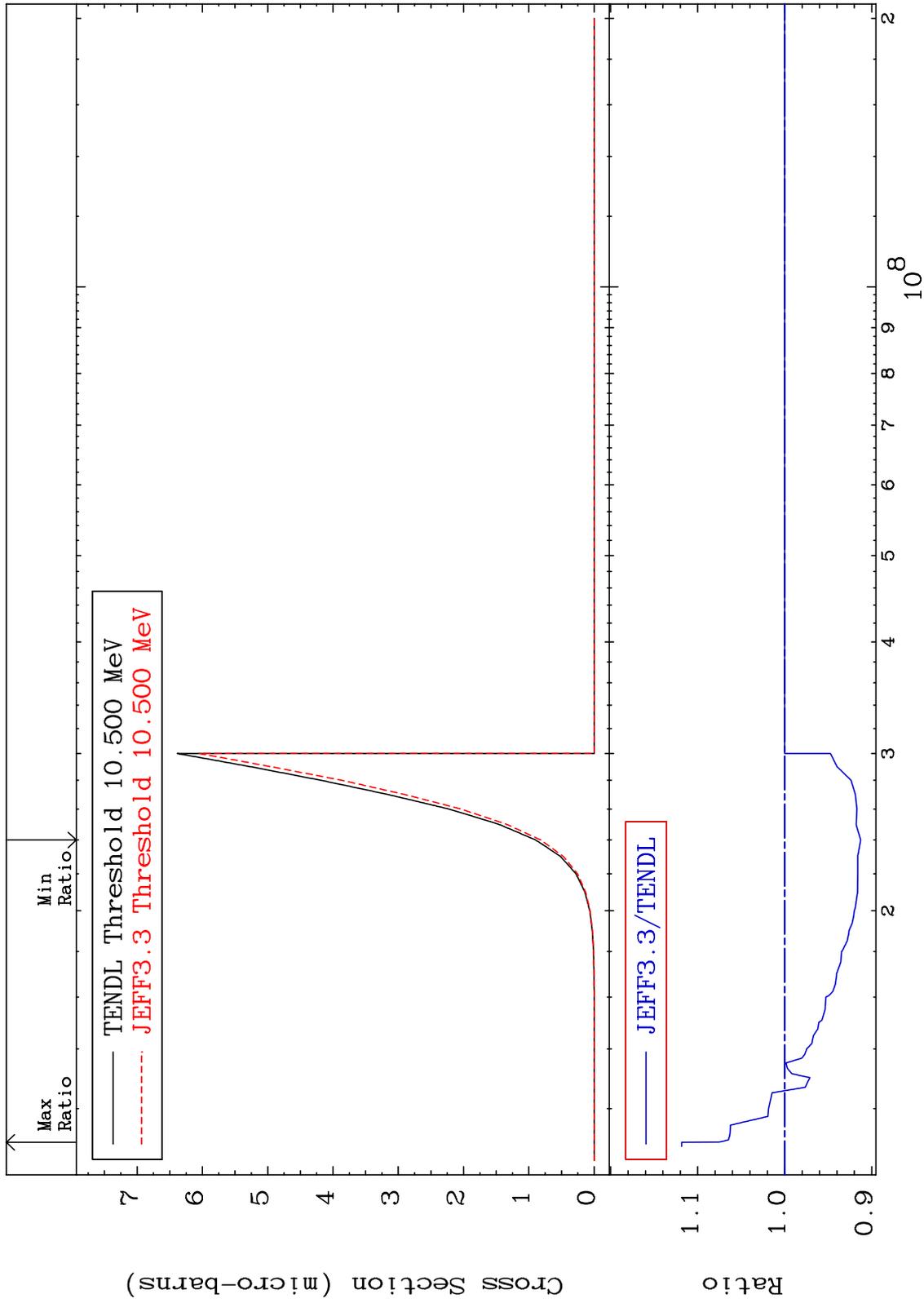


98

Incident Energy (eV)

43-Tc-98

Radionuclide Production Cross Section -8.723 To 11.83 %

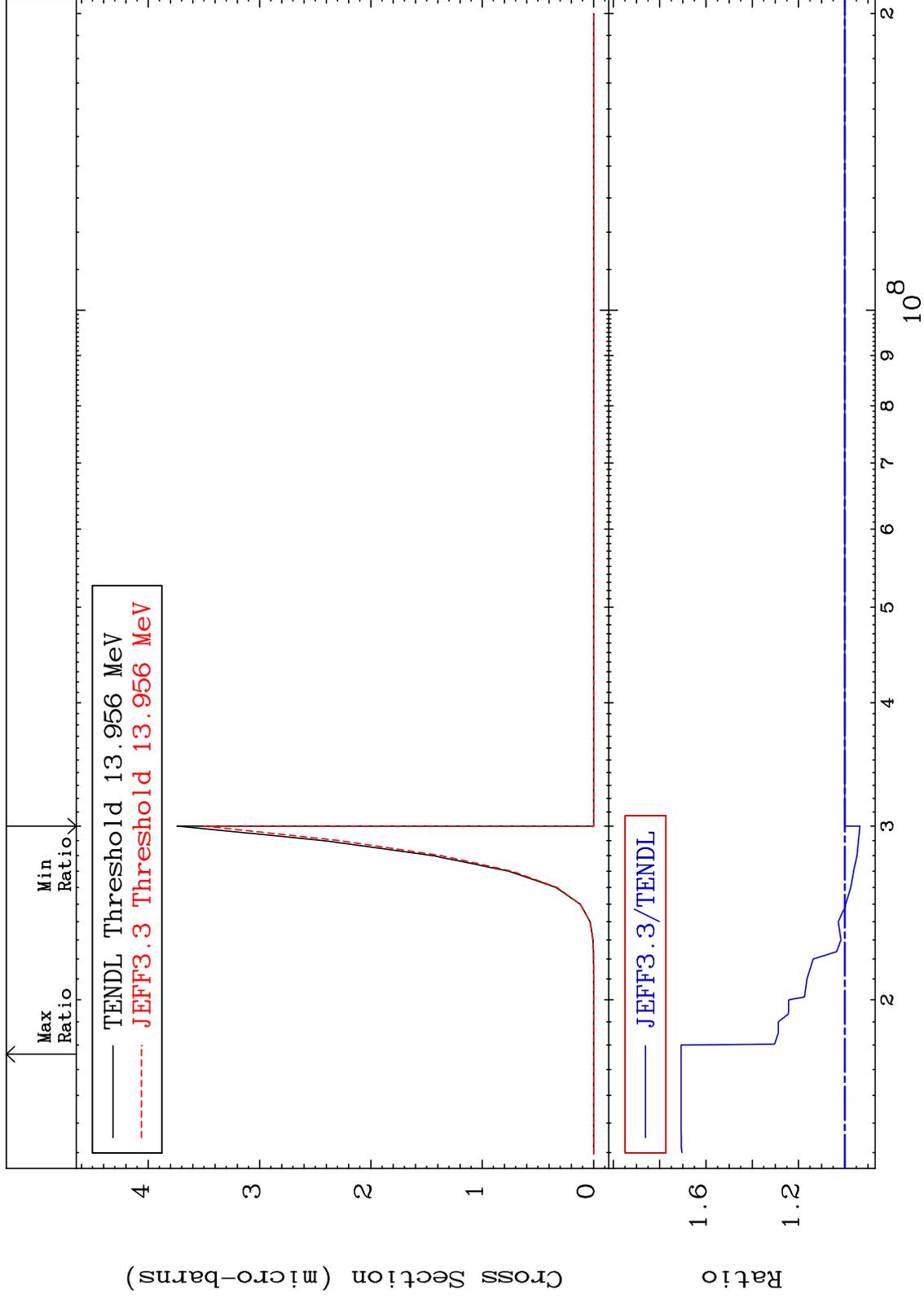


MAT 4322

(n,p) t:41-Nb-95g

43-Tc-98

Radionuclide Production Cross Section -6.492 To 70.68 %



100

Incident Energy (eV)

43-Tc-98

MAT 4322

(n, p) t: 41-Nb-95m1

43-Tc-98

Radionuclide Production Cross Section 0.000 To 105.6 %

