

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

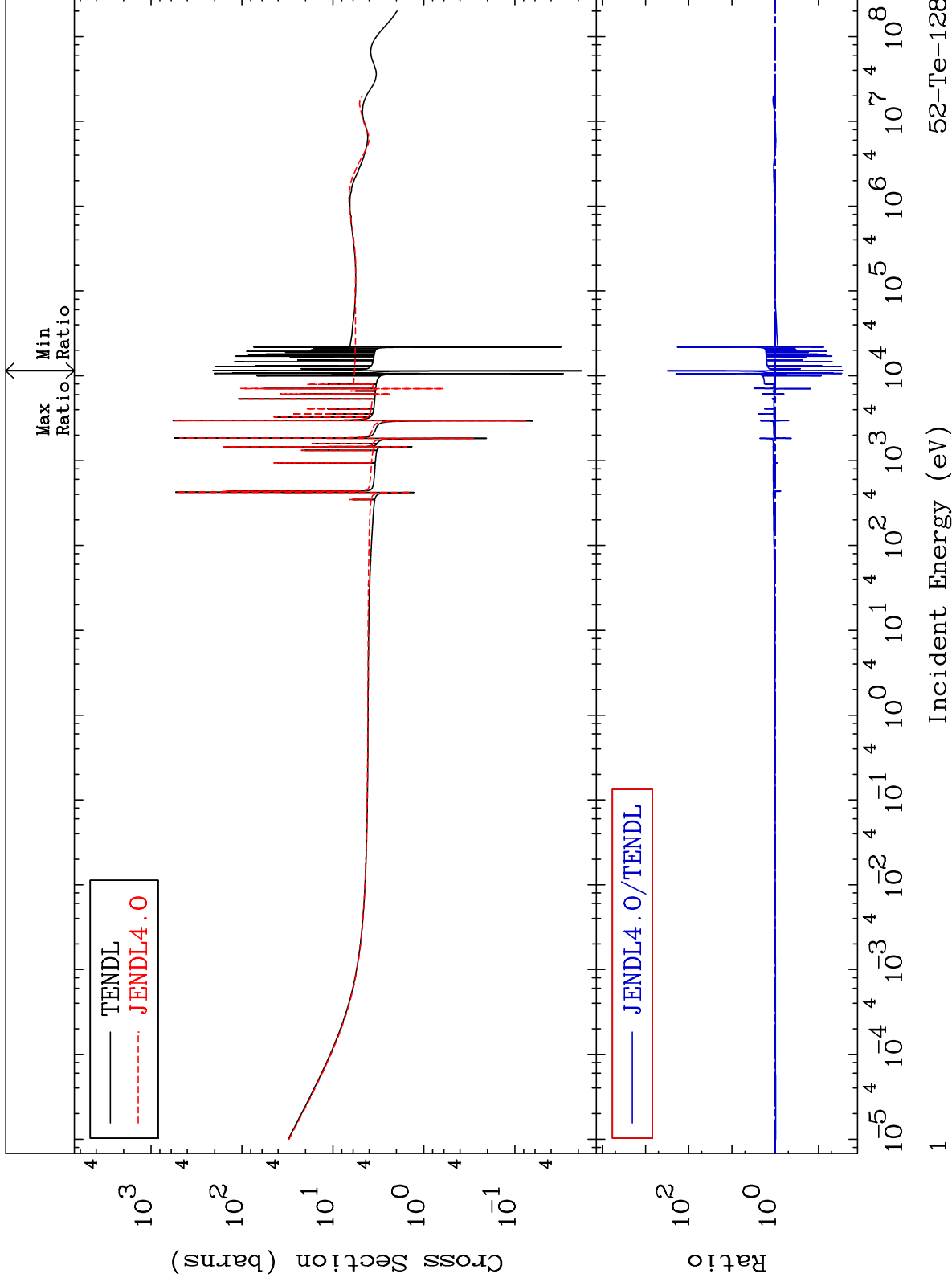
MAT 5249

Total

52-Te-128

Cross Section

-97.24 To 9999. %



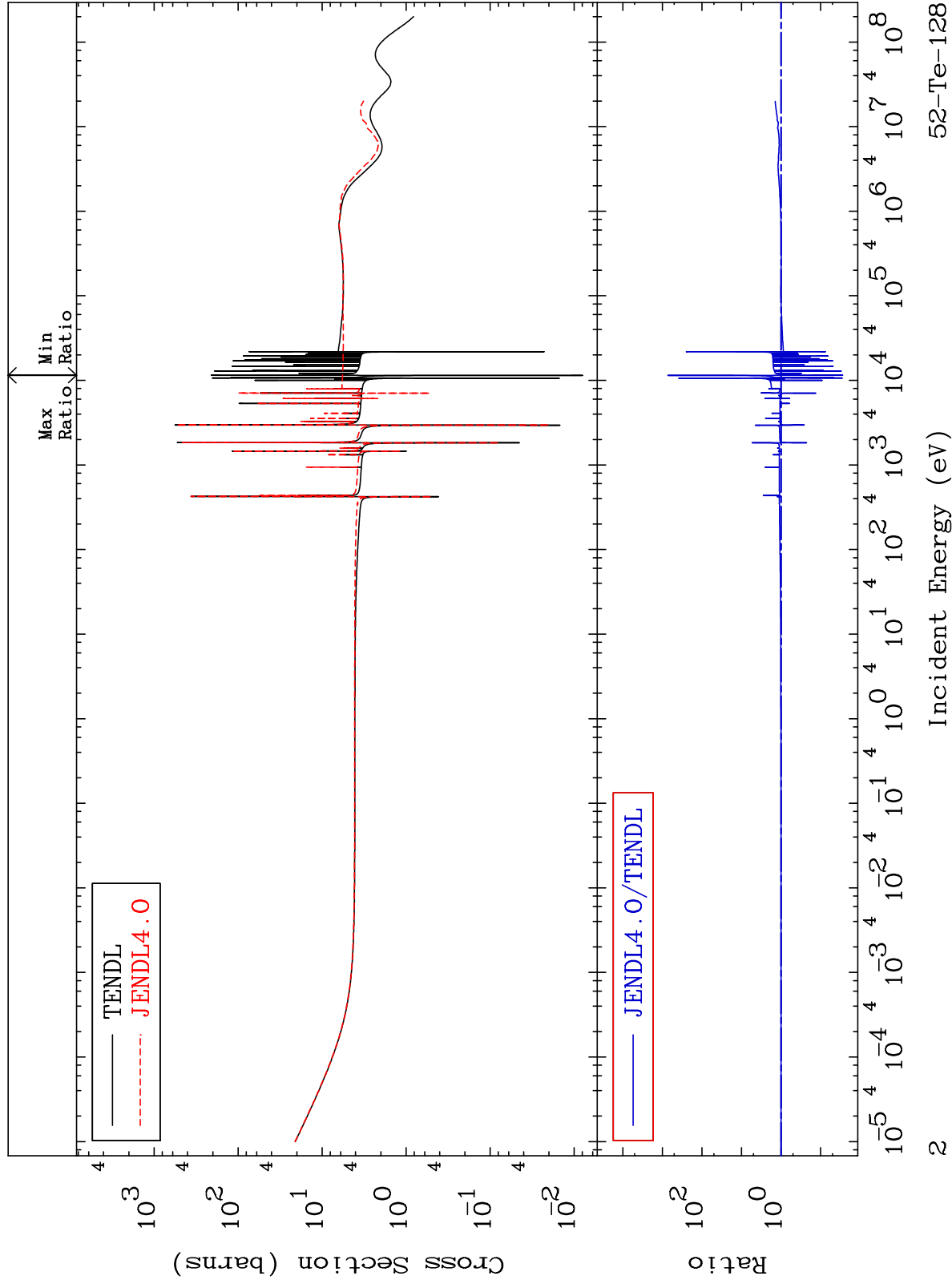
Incident Energy (eV)

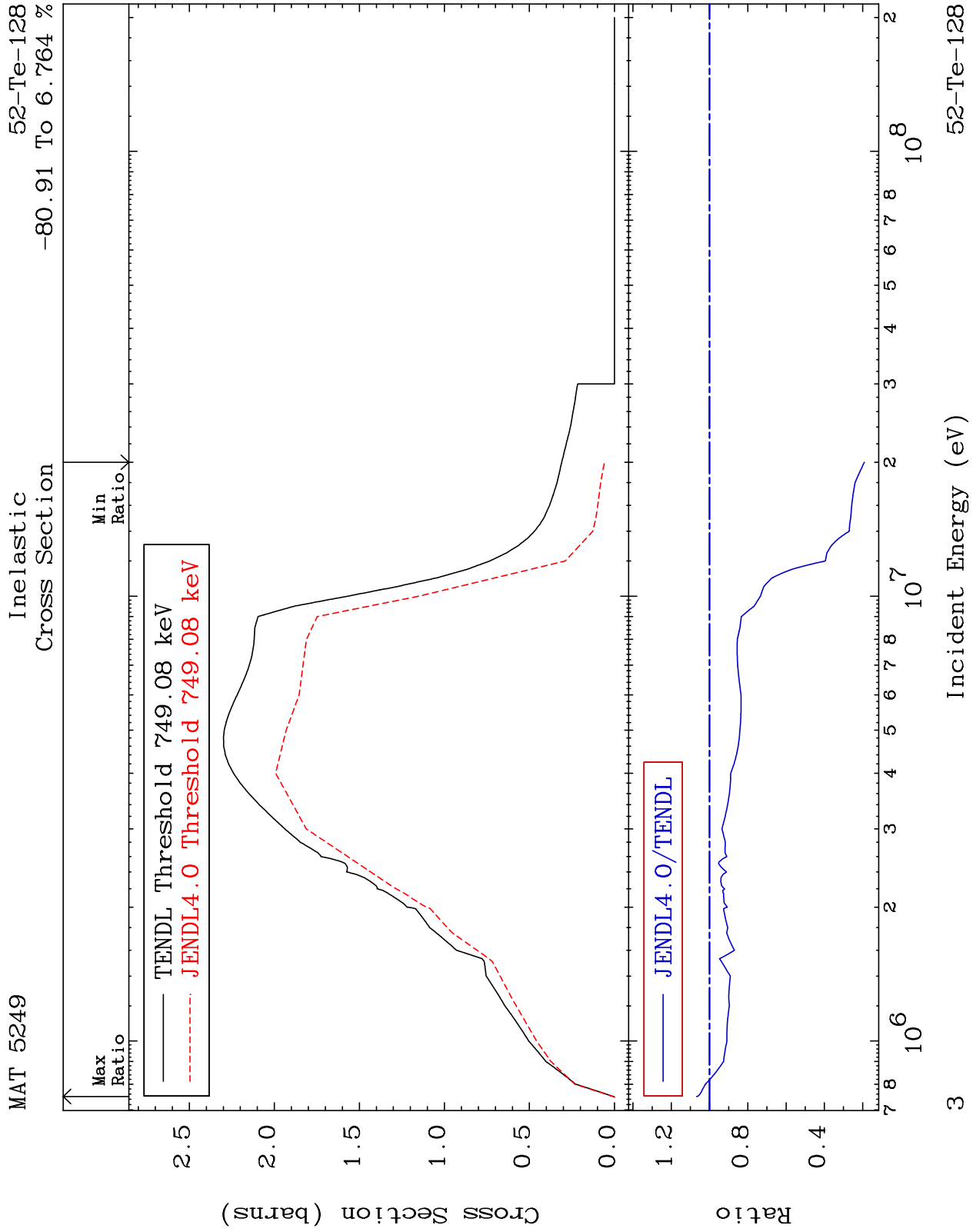
52-Te-128

MAT 5249

Elastic
Cross Section

52-Te-128
-97.26 To 9999. %





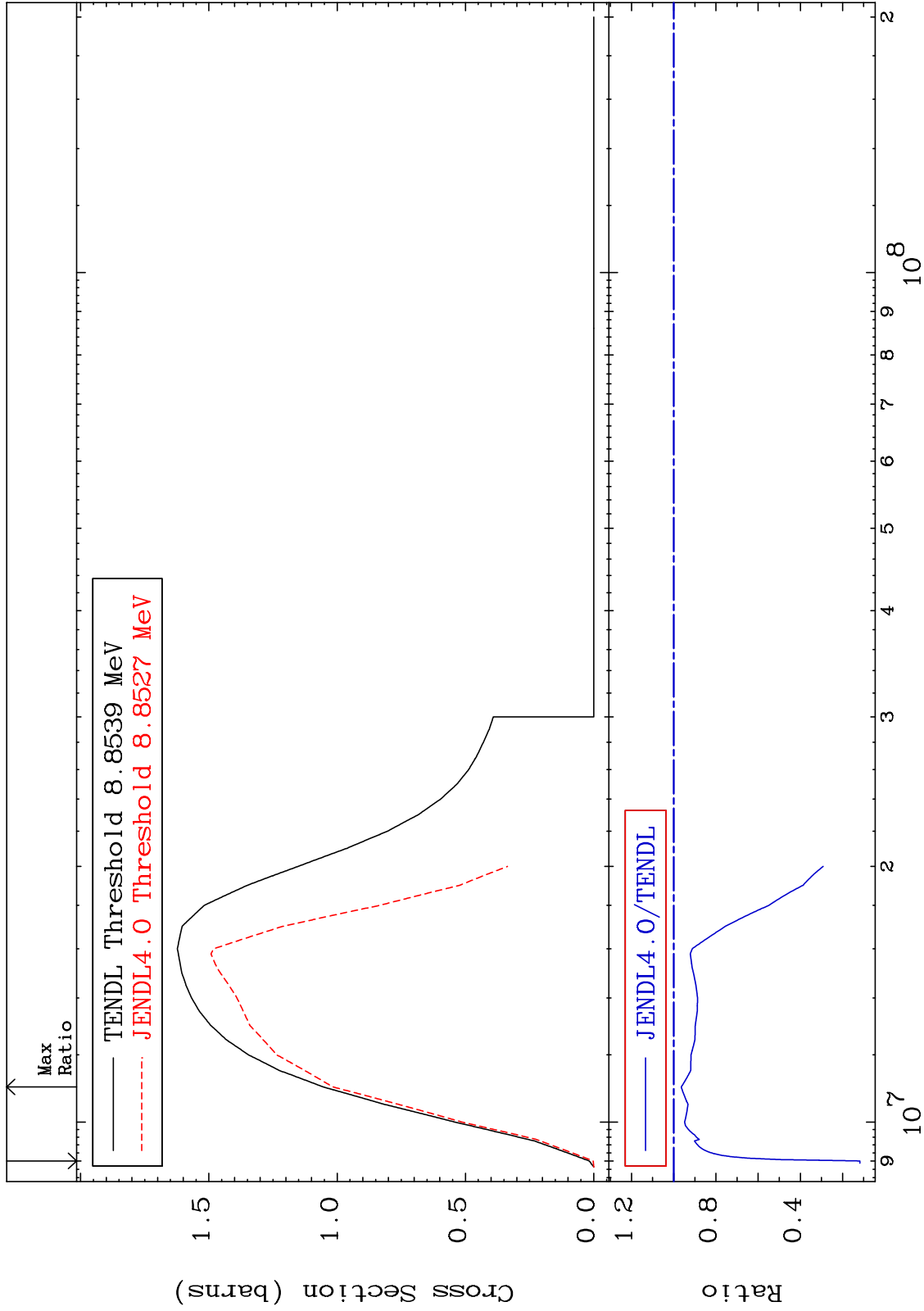
MAT 5249

(n,2n)

52-Te-128

Cross Section

-88.23 To -3.558%



4

Incident Energy (eV)

52-Te-128

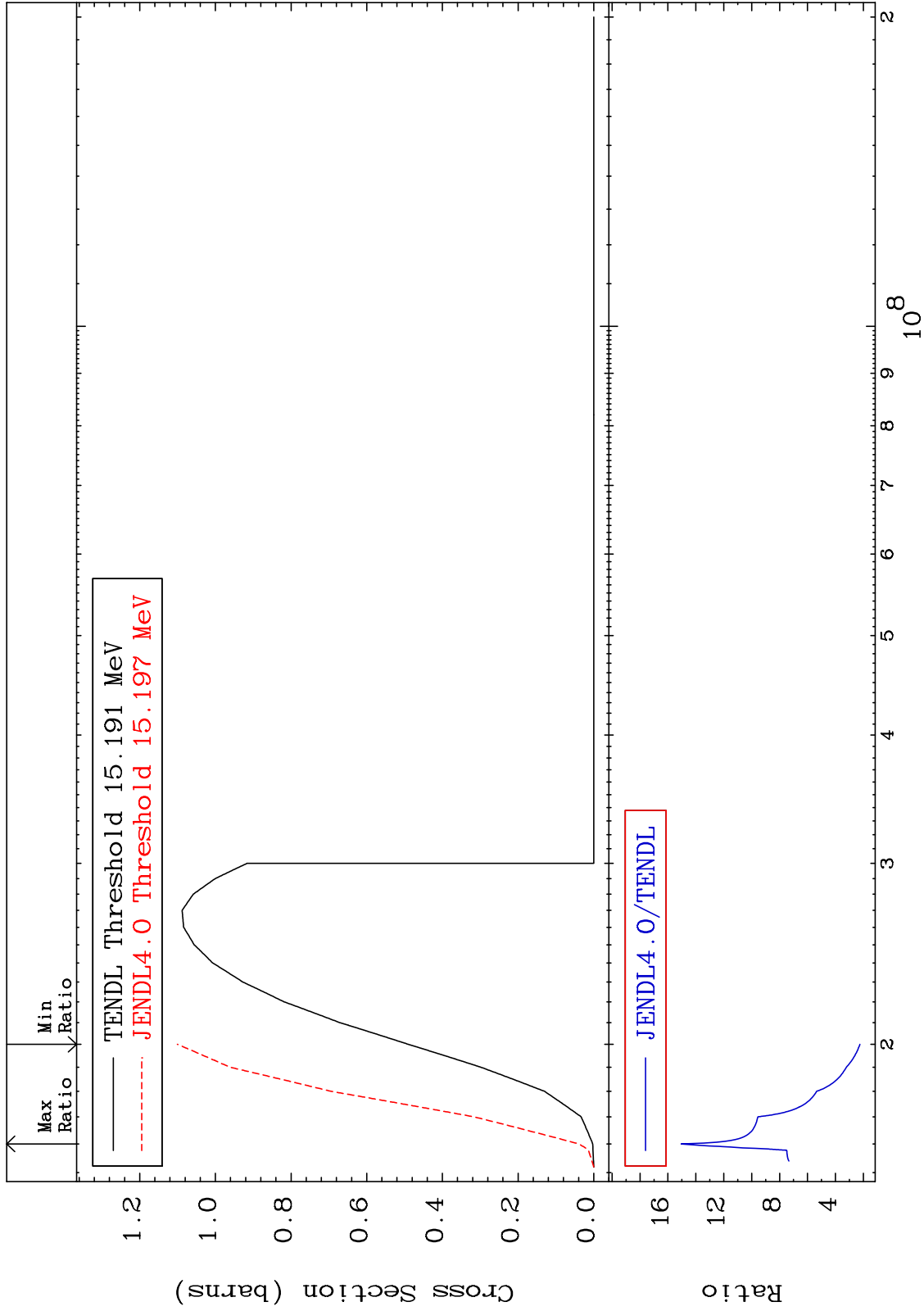
MAT 5249

(n, 3n)

52-Te-128

Cross Section

124.6 To 1405. %



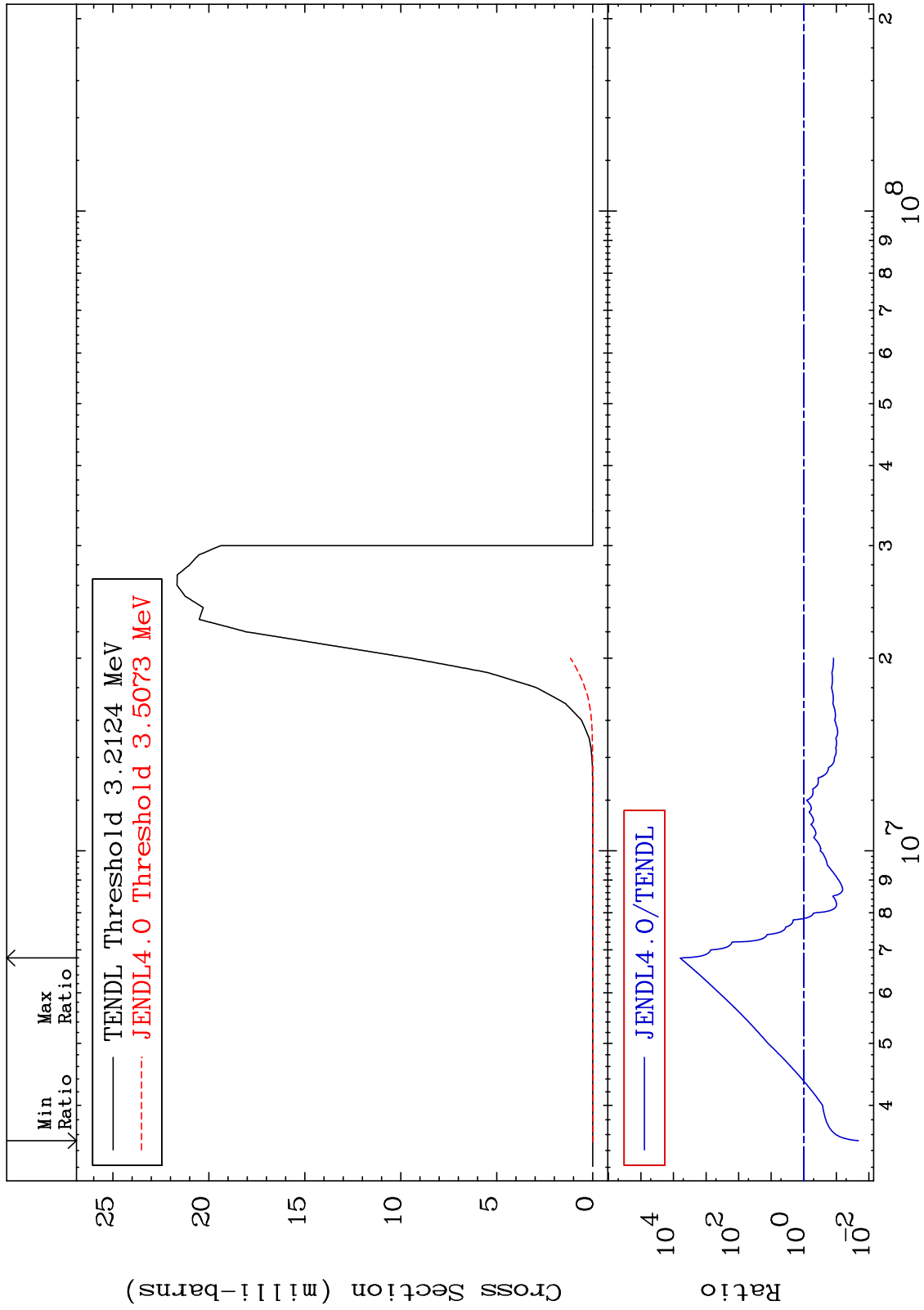
MAT 5249

(n,n') α

52-Te-128

Cross Section

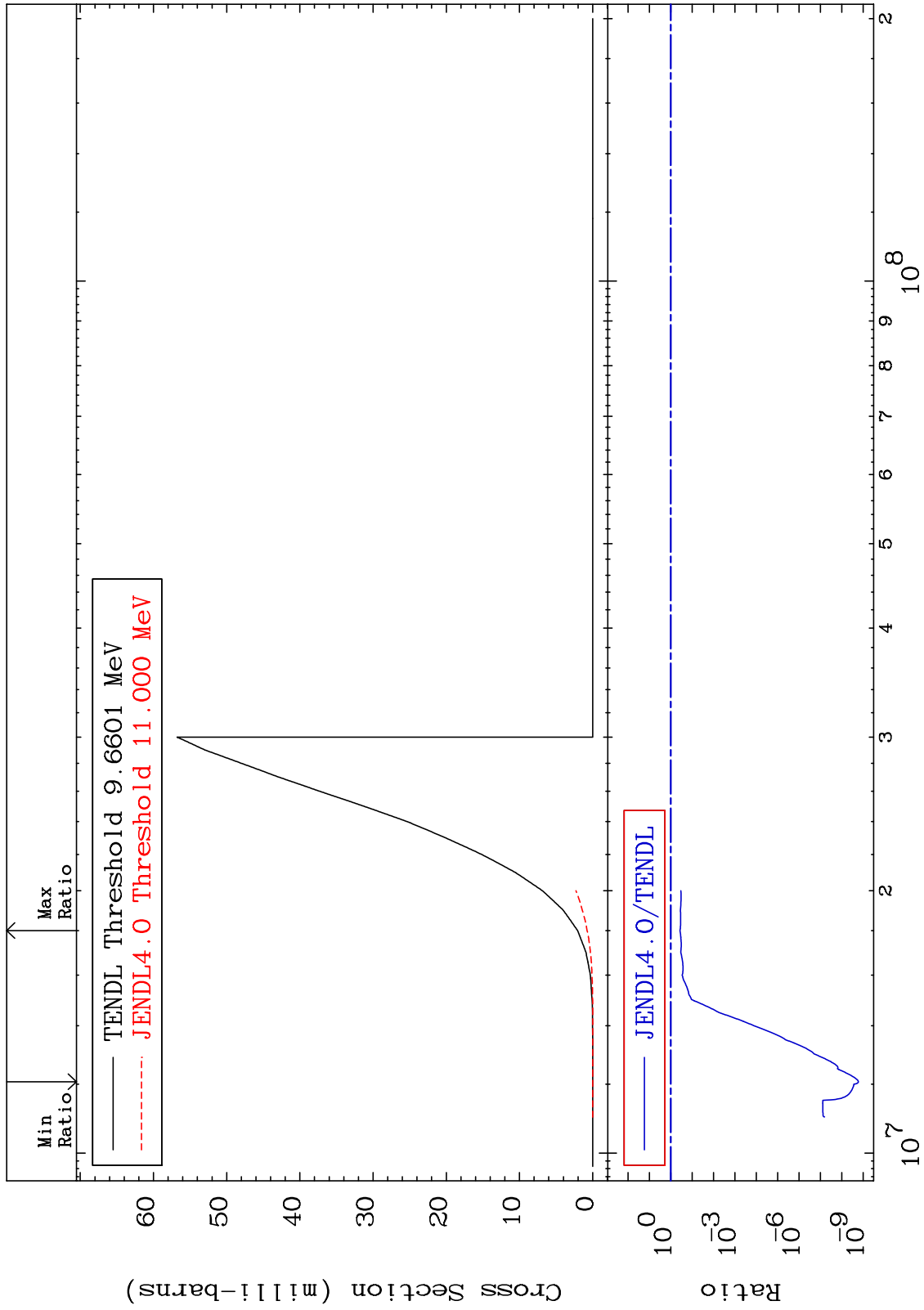
-97.90 To 9999. %



MAT 5249

(n,n') p
Cross Section

52-Te-128
-100.0 To -63.20%



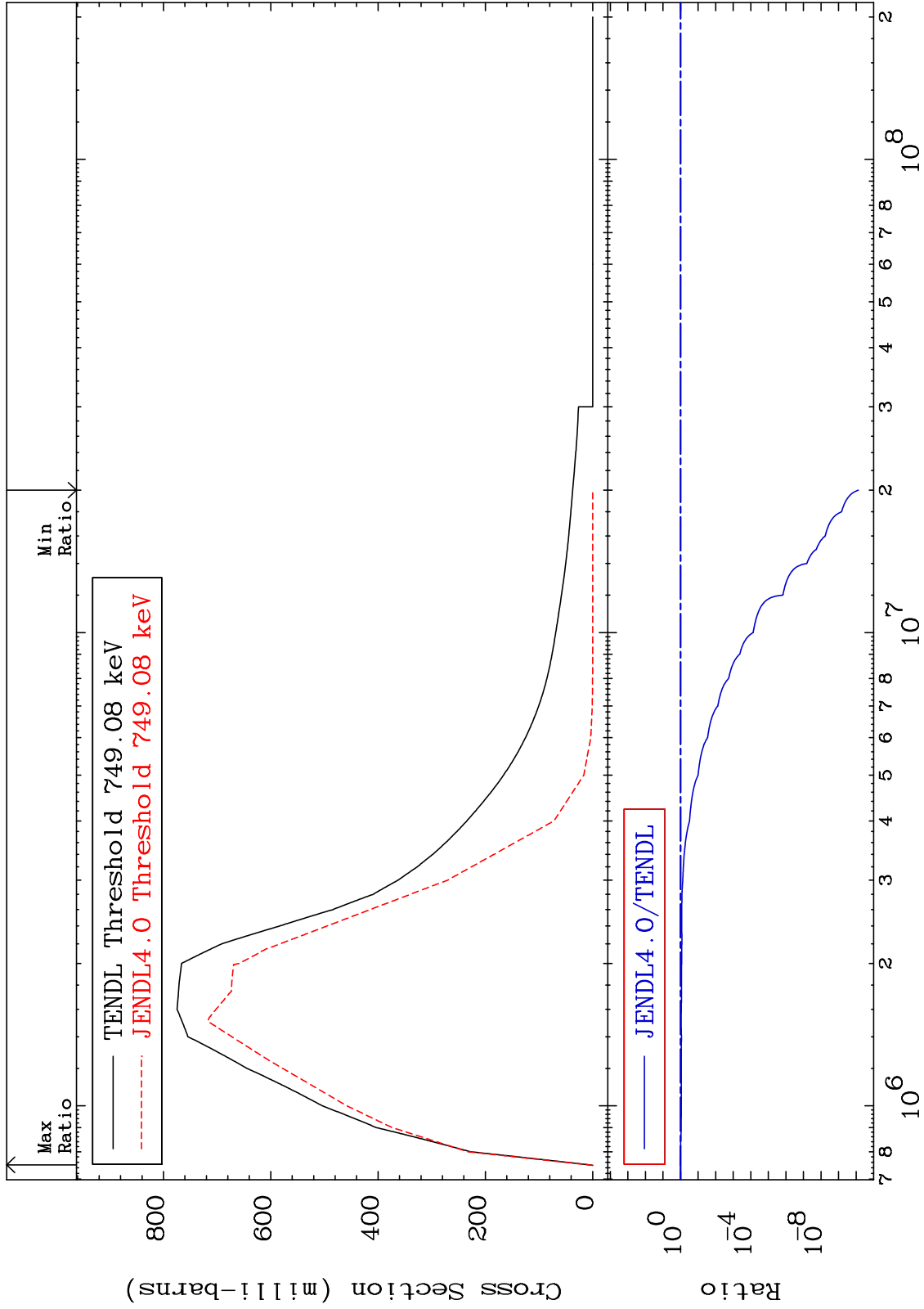
Incident Energy (eV)

52-Te-128

MAT 5249

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

52-Te-128
-100.0 To 6.764 %

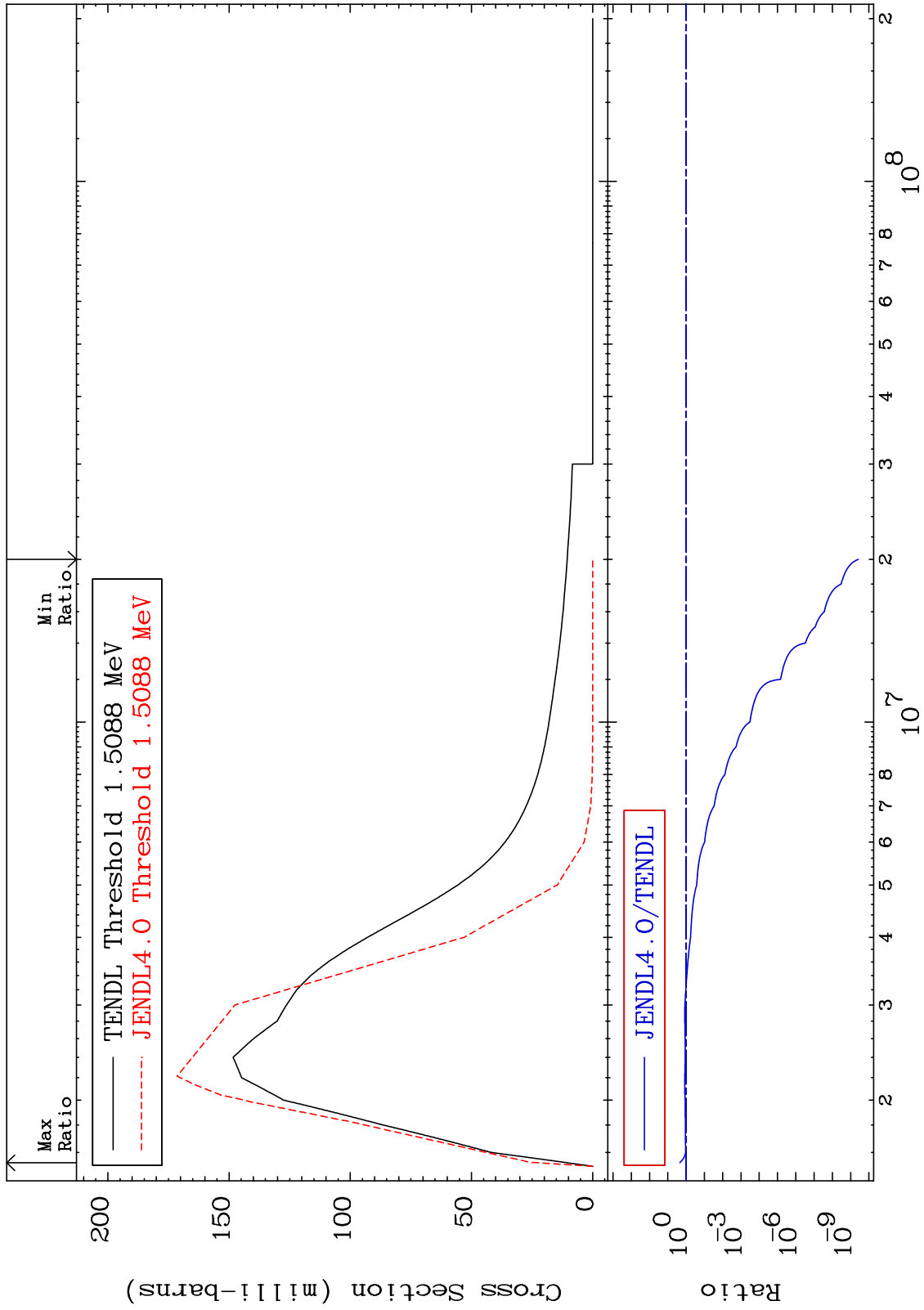


8

52-Te-128

52-Te-128

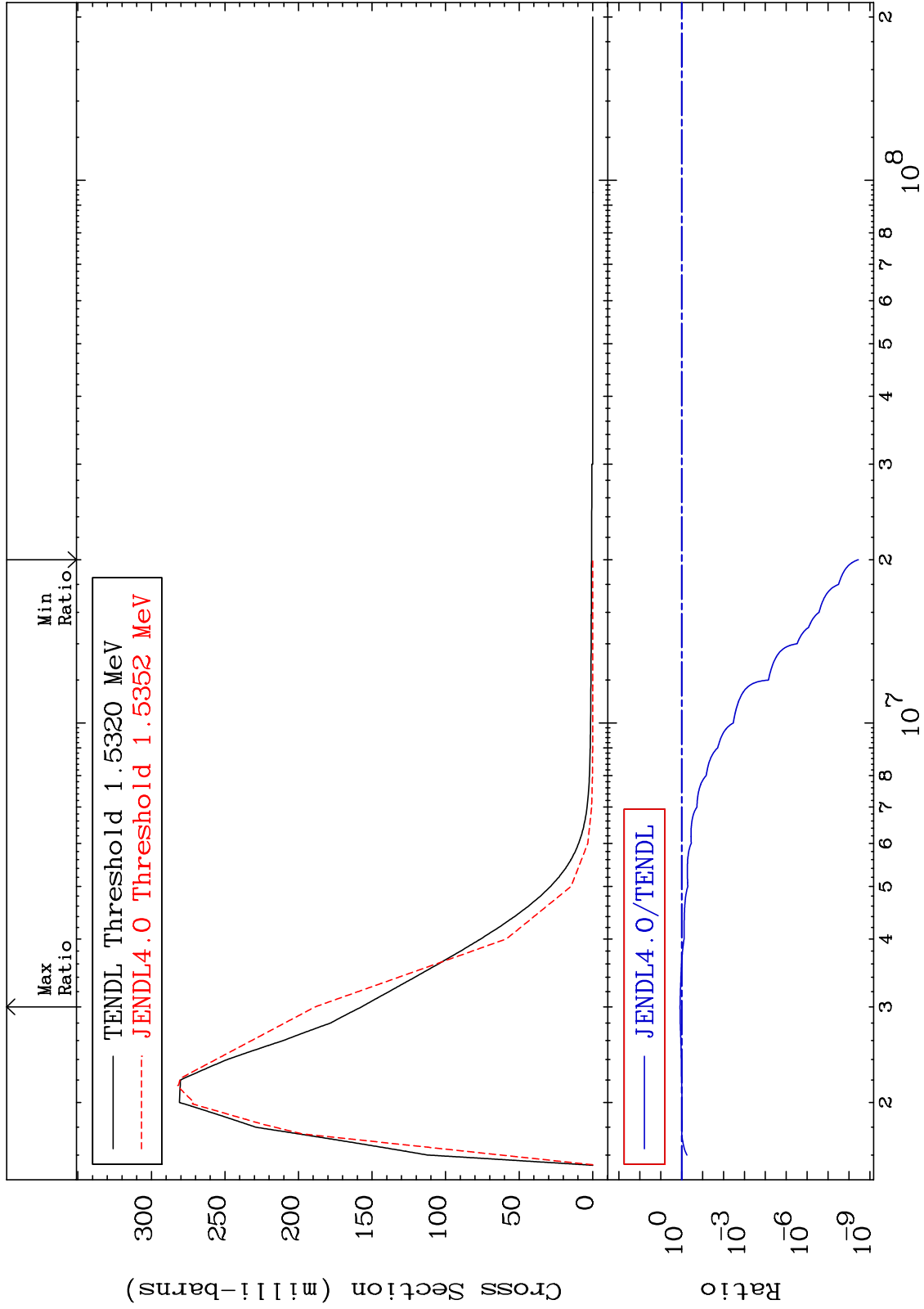
MAT 5249 MT= 52 (n, n') Level Cross Section 52-Te-128
 -100.0 To 115.0 %



MAT 5249

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

52-Te-128
-100.0 To 20.07 %

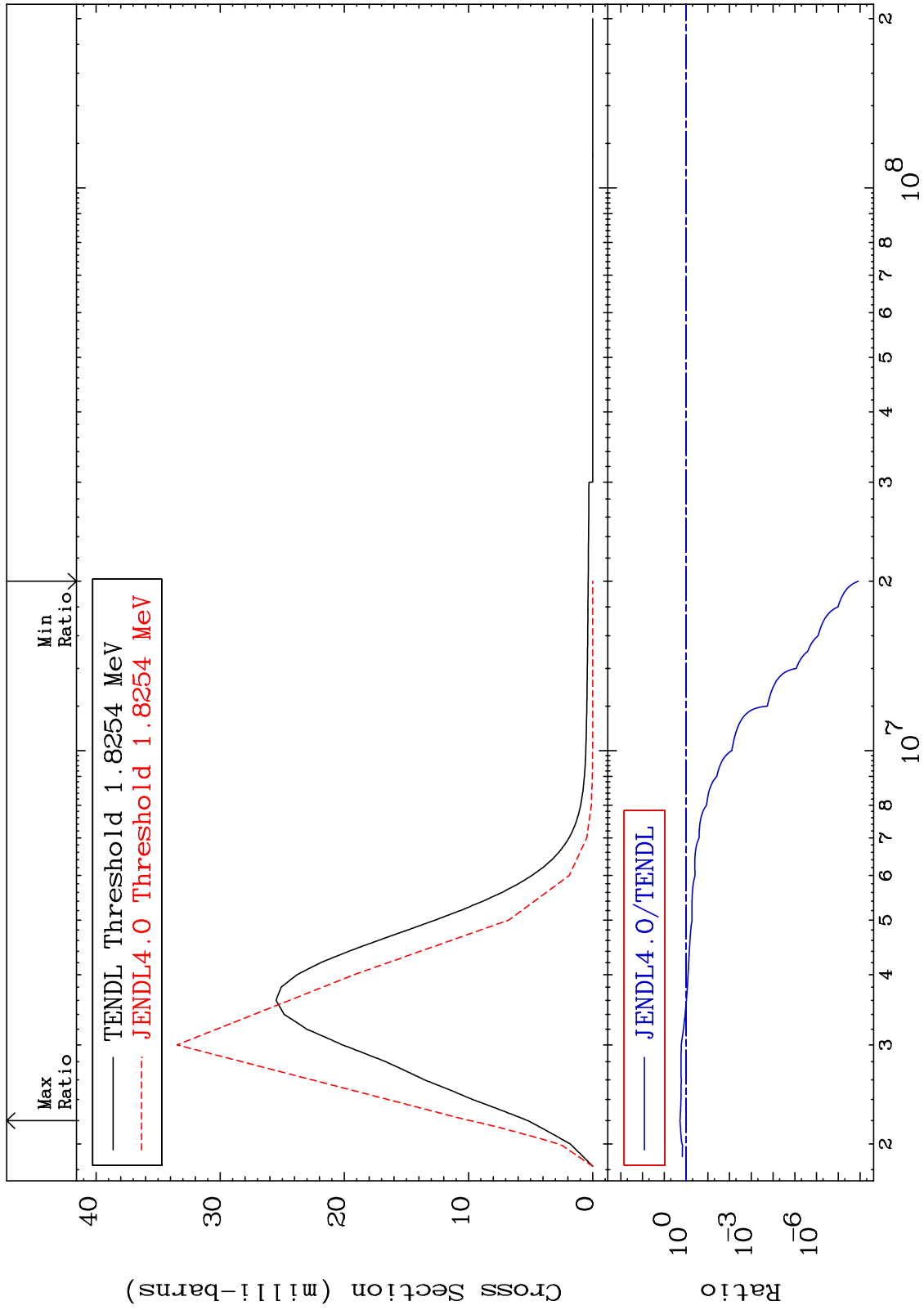


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Incident Energy (eV)

52-Te-128

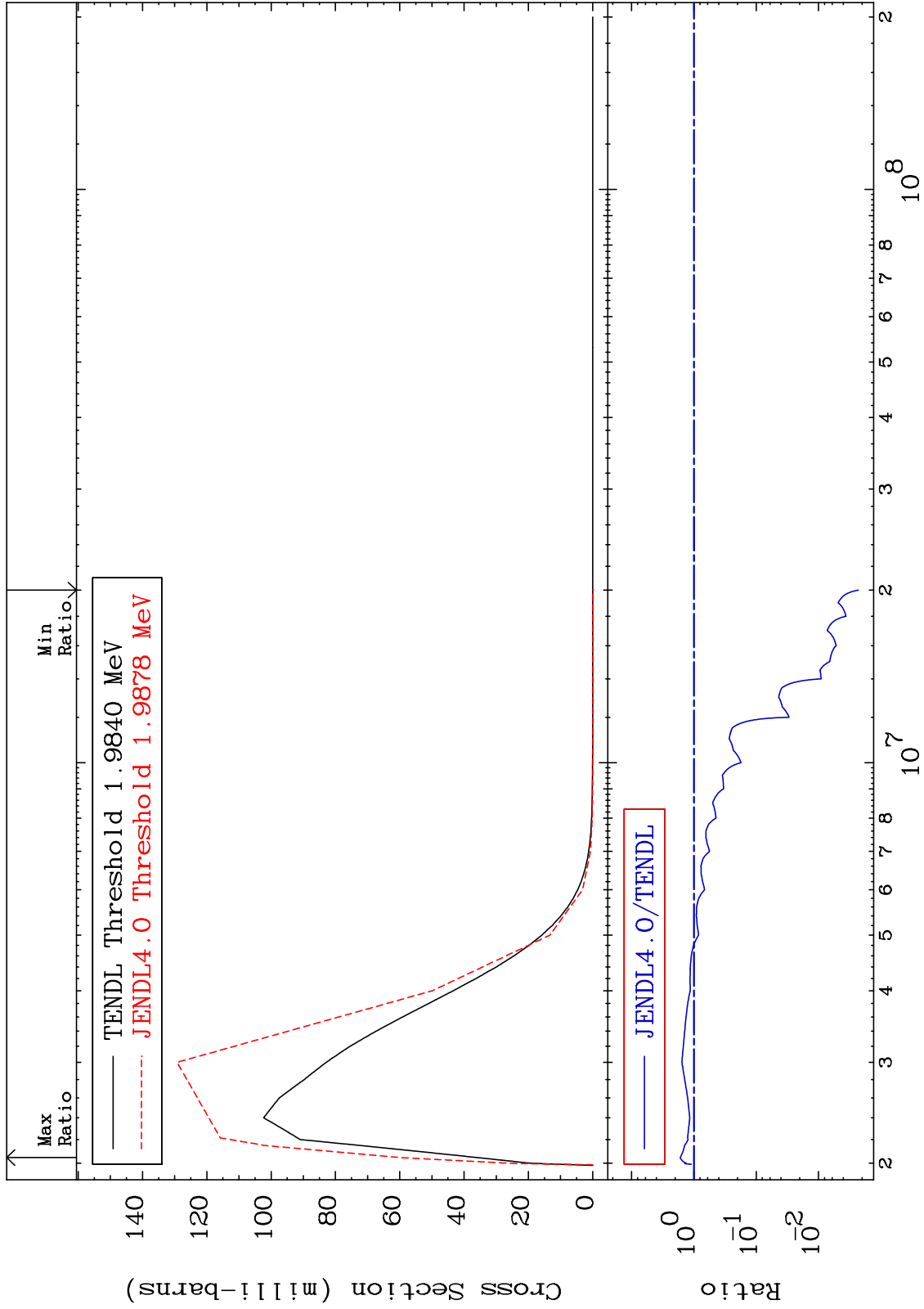
MAT 5249 MT= 54 (n,n') Level Cross Section 52-Te-128
 -100.0 To 88.90 %



MAT 5249

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

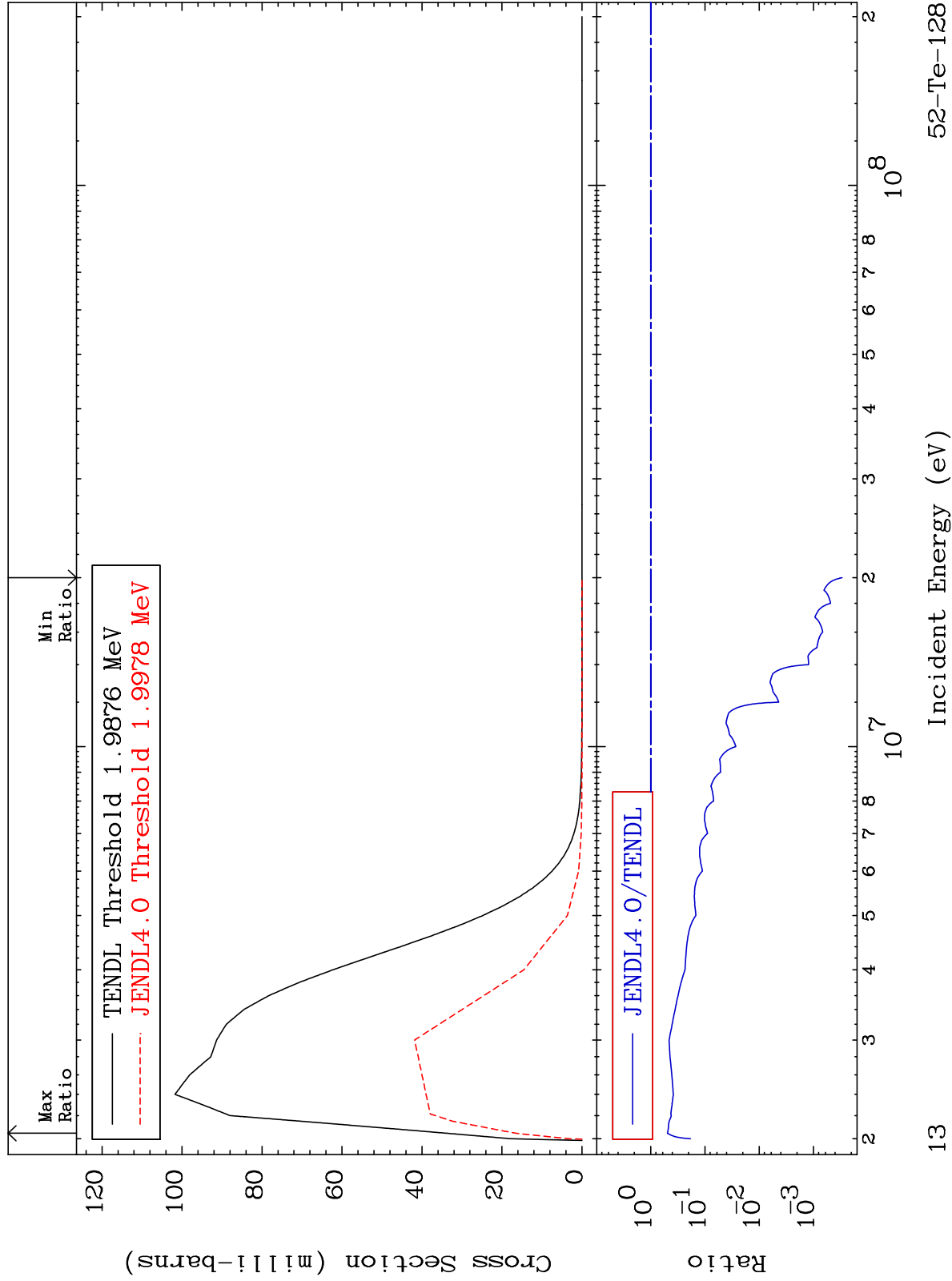
52-Te-128
-99.77 To 67.02 %



MAT 5249

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

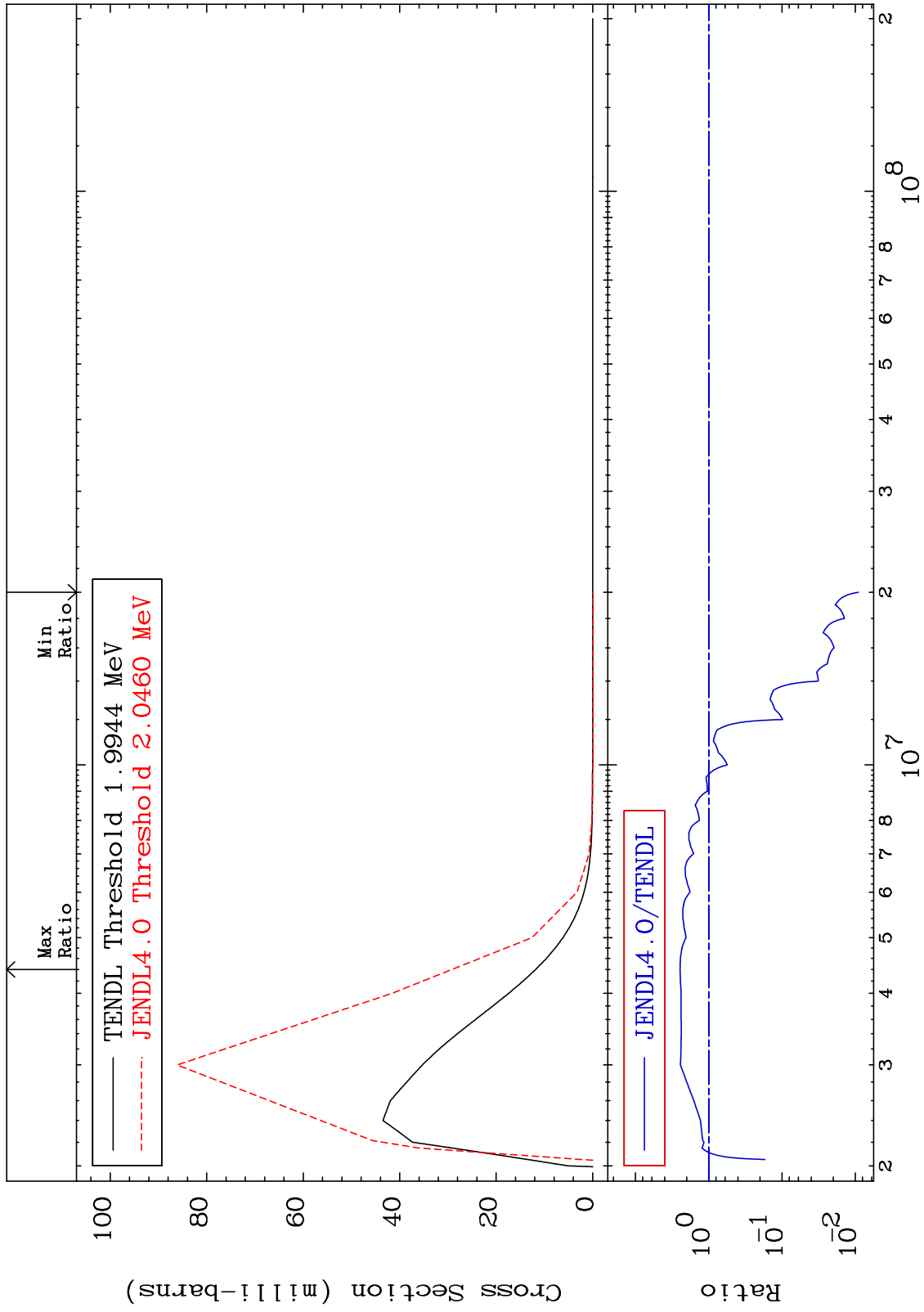
52-Te-128
-99.97 To -50.91%



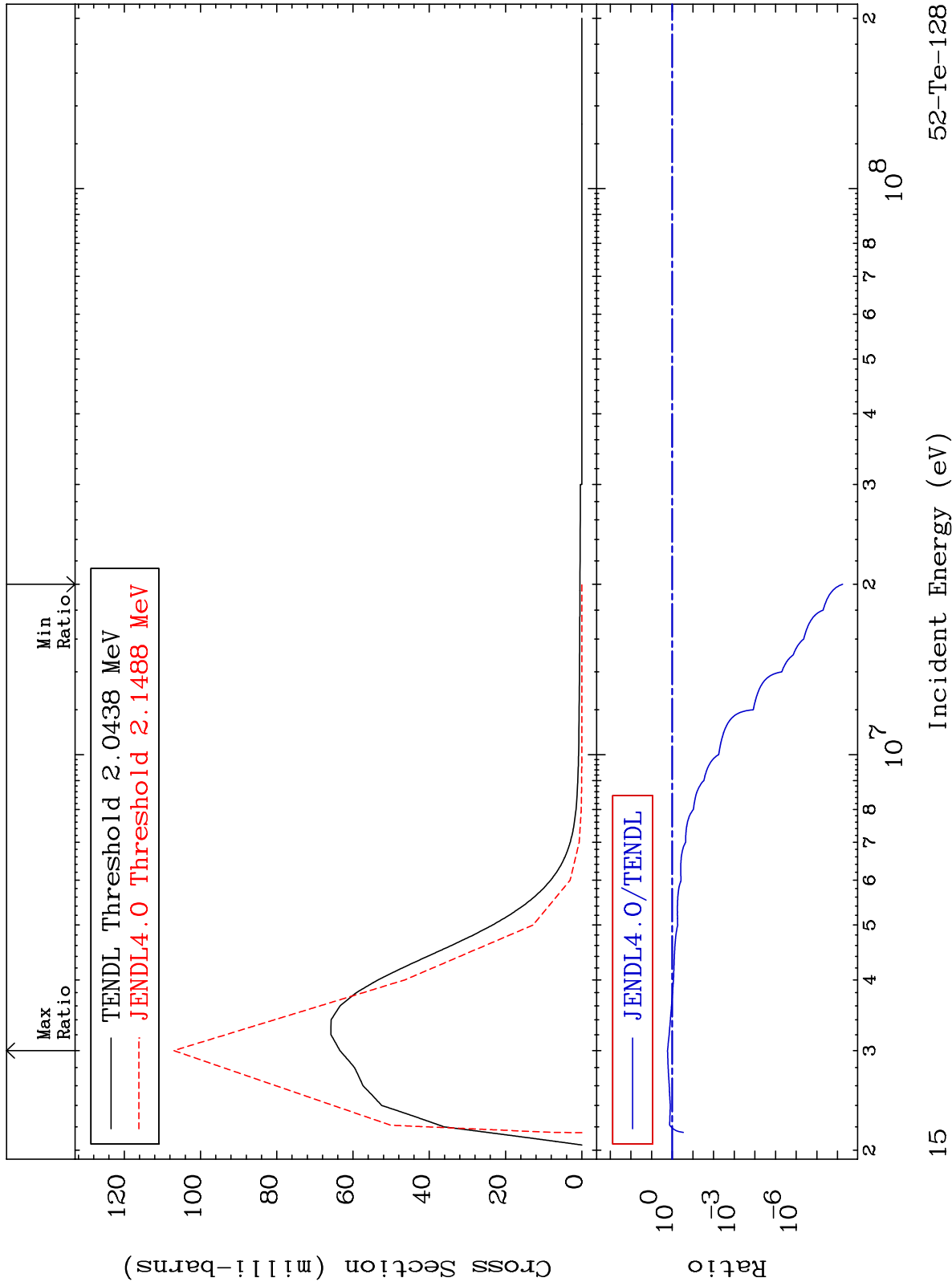
MAT 5249

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

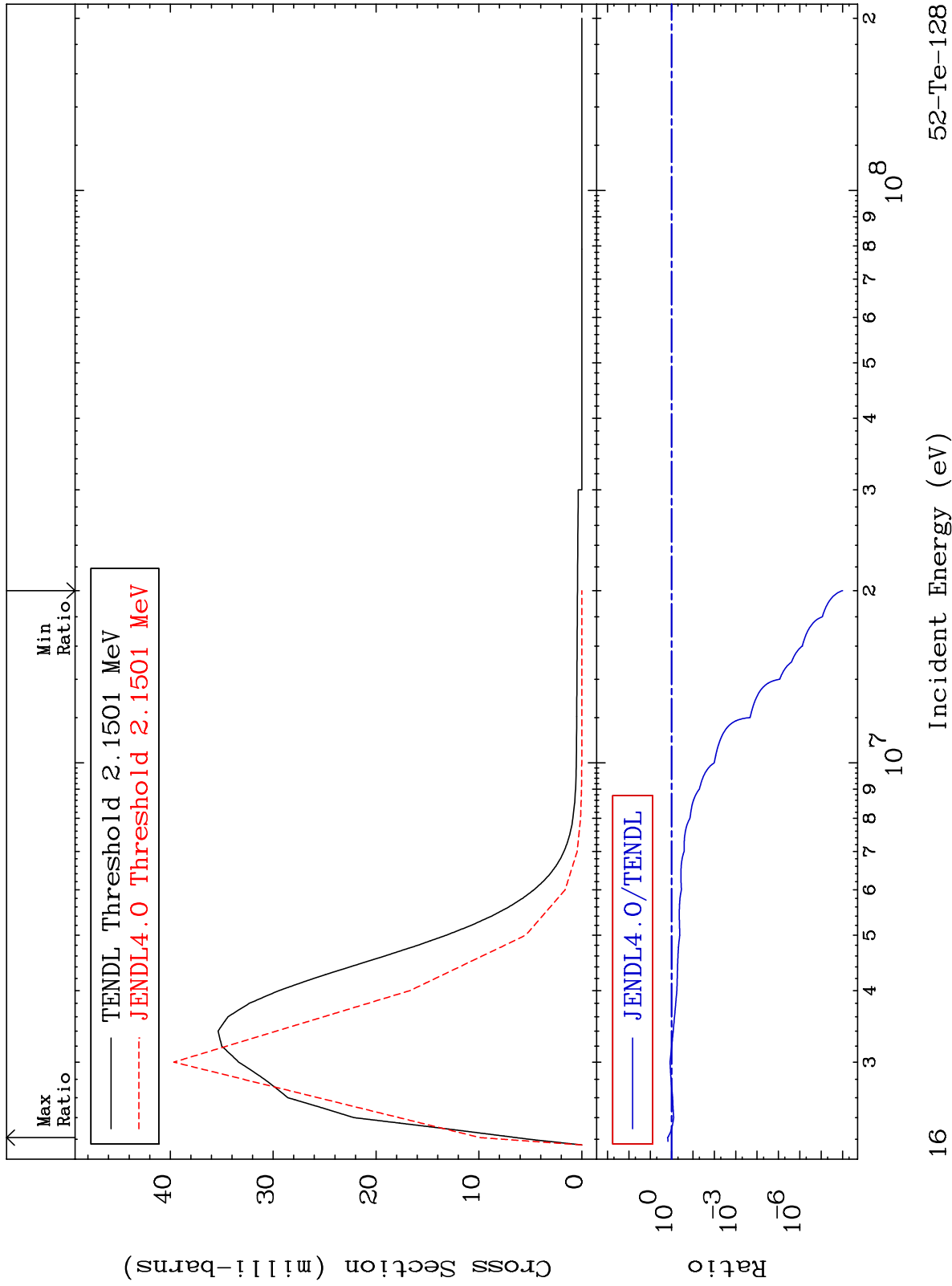
52-Te-128
-99.09 To 147.0 %



MAT 5249 MT= 58 (n,n') Level Cross Section 52-Te-128
-100.0 To 68.65 %



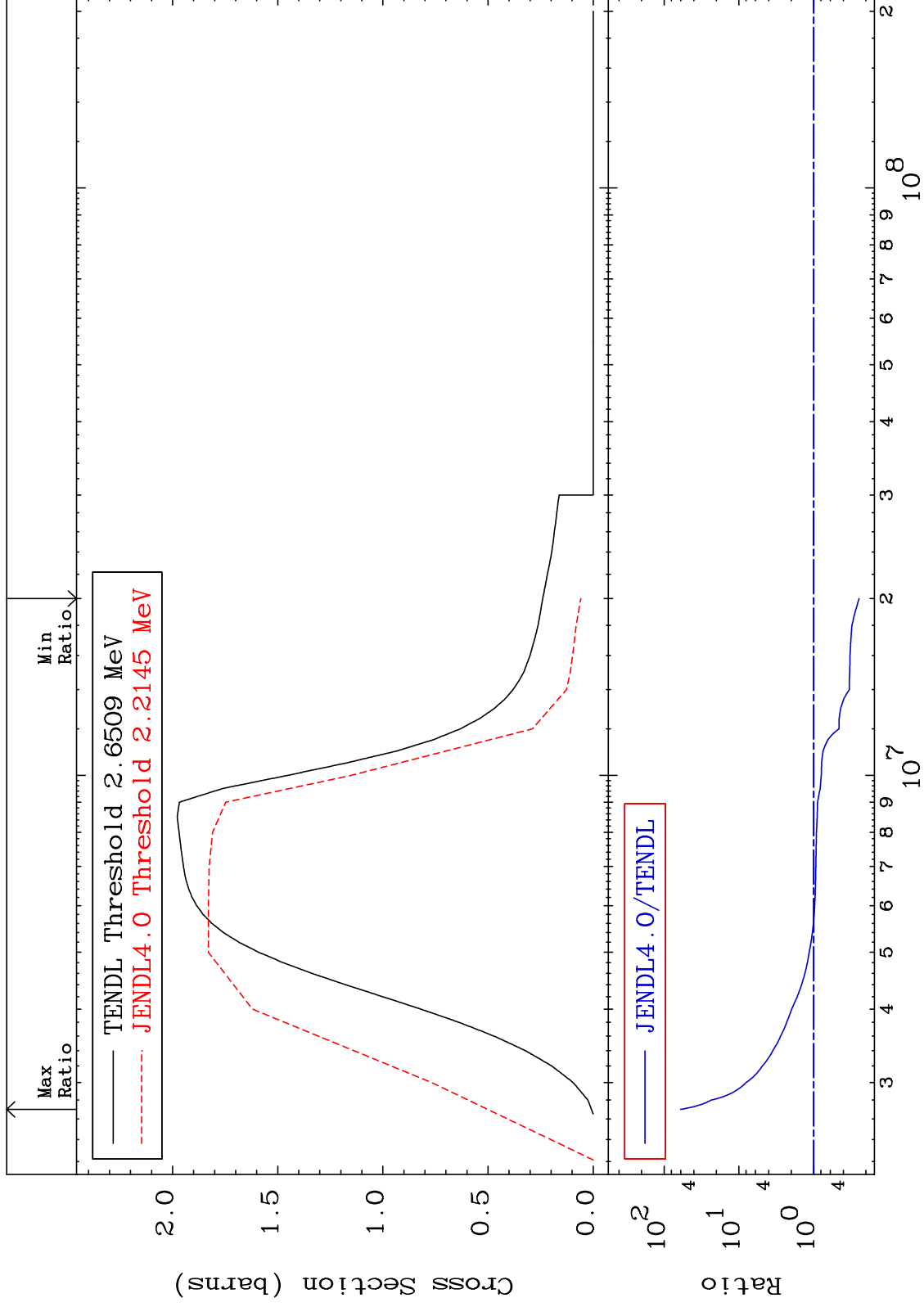
MAT 5249 MT= 59 (n,n') Level Cross Section 52-Te-128
 -100.0 To 55.06 %



MAT 5249

(n, n') Continuum
Cross Section

52-Te-128
-75.33 To 5911. %



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Incident Energy (eV)

52-Te-128

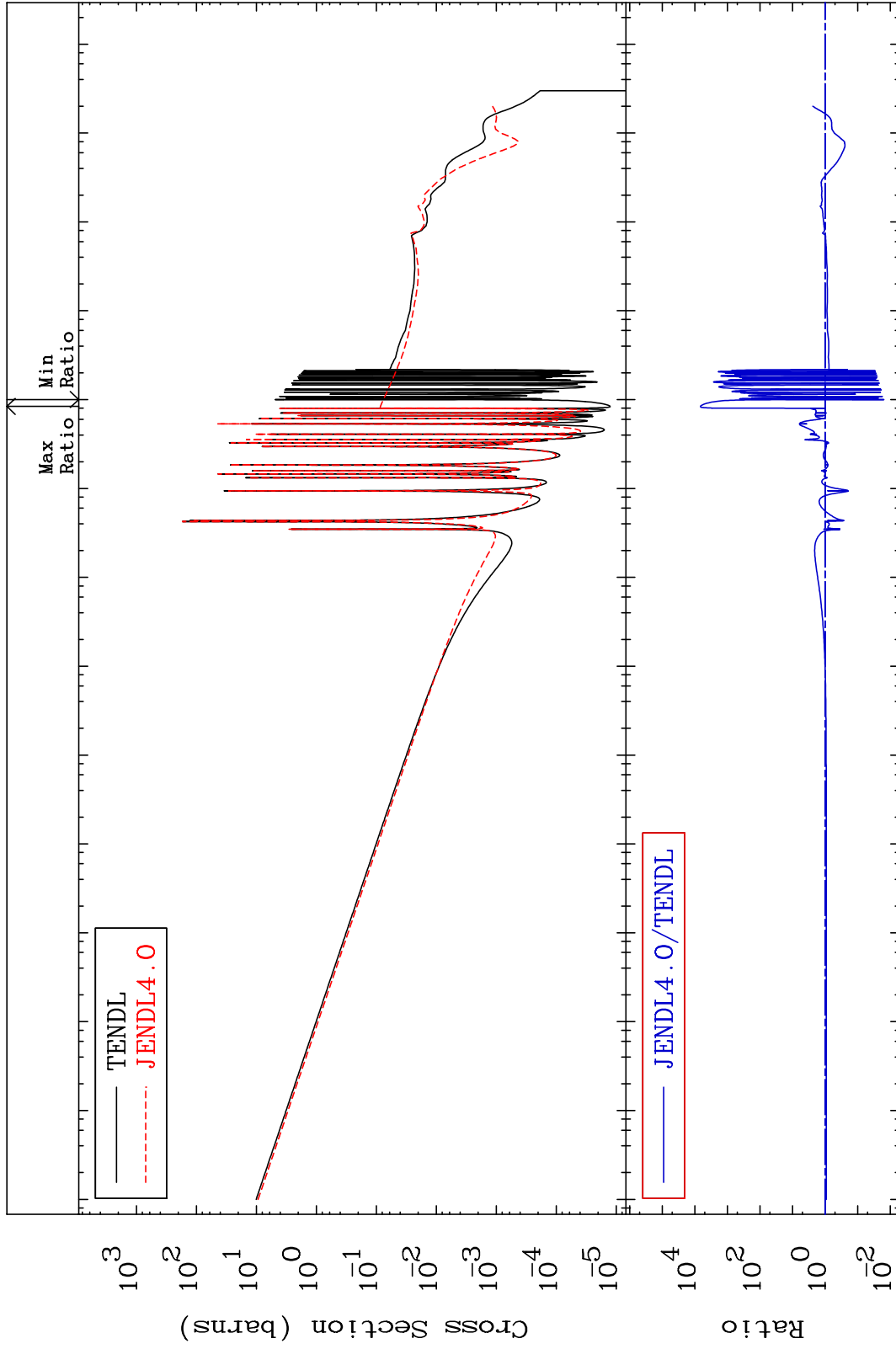
MAT 5249

(n, γ)

52-Te-128

Cross Section

-98.44 To 9999. %



Incident Energy (eV) 52-Te-128

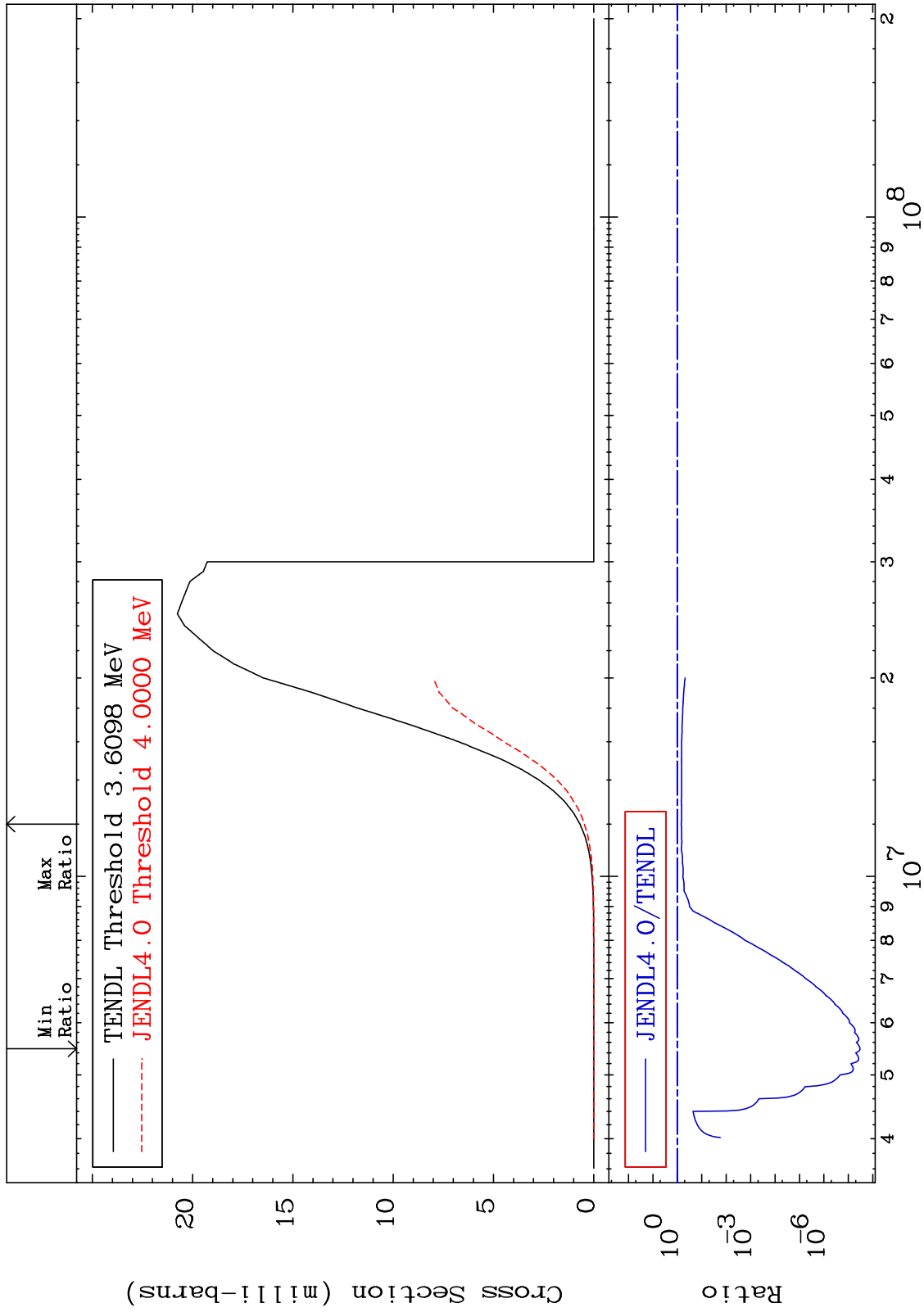
MAT 5249

(n,p)

52-Te-128

Cross Section

-100.0 To -30.80%



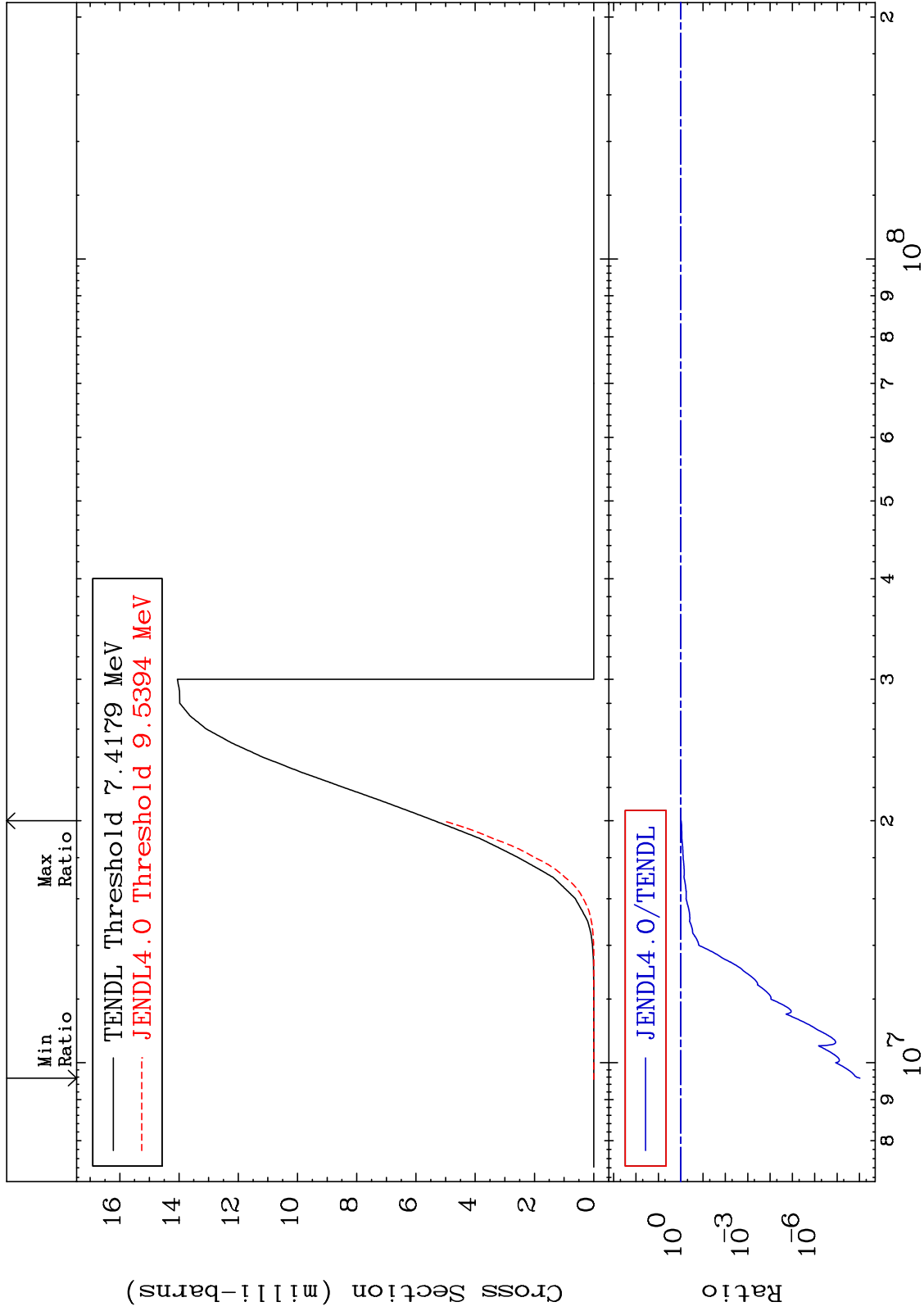
MAT 5249

(n, d)

52-Te-128

Cross Section

-100.0 To -5.289%



20

Incident Energy (eV)

52-Te-128

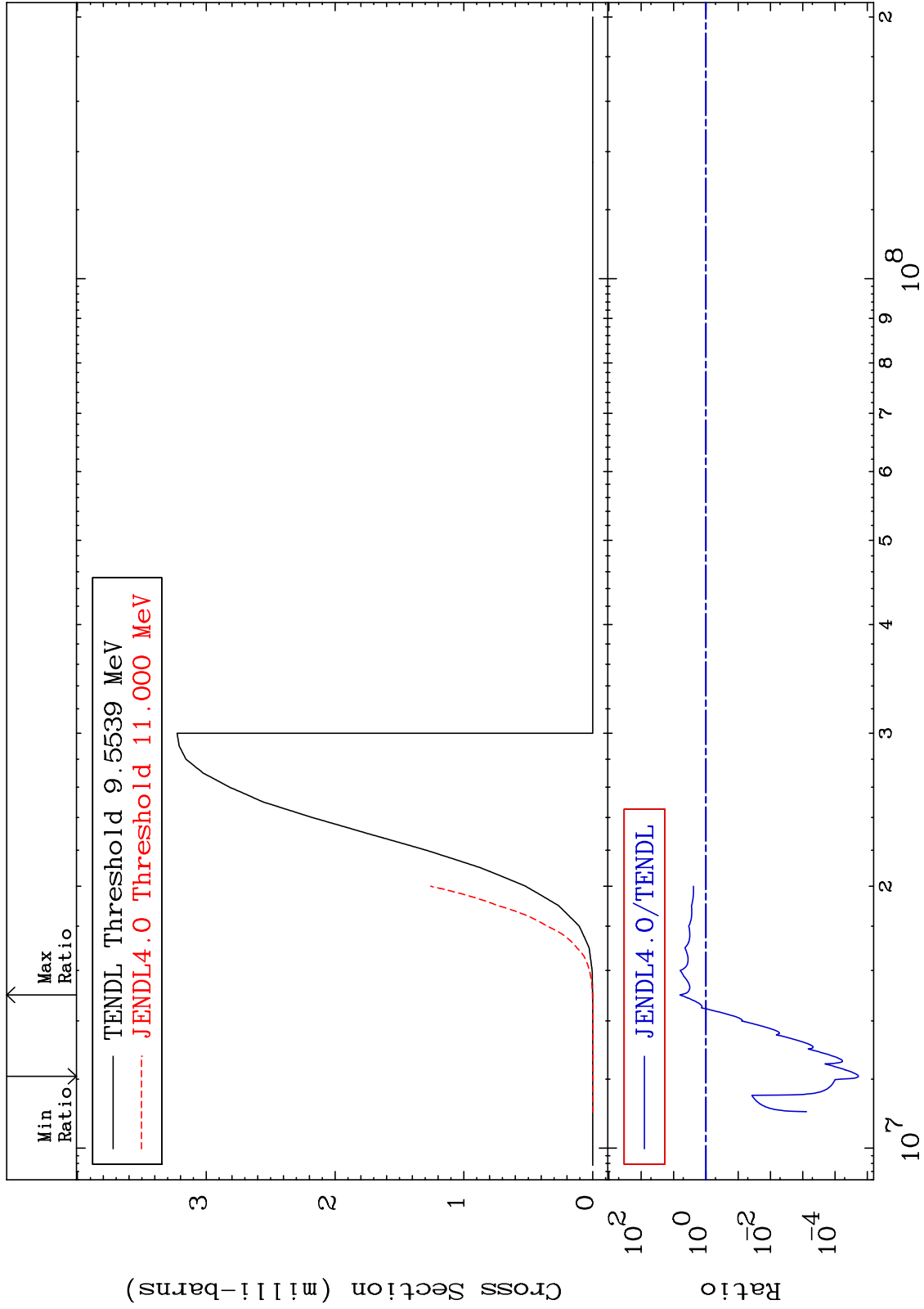
MAT 5249

(n, t)

52-Te-128

Cross Section

-100.0 To 529.1 %



21

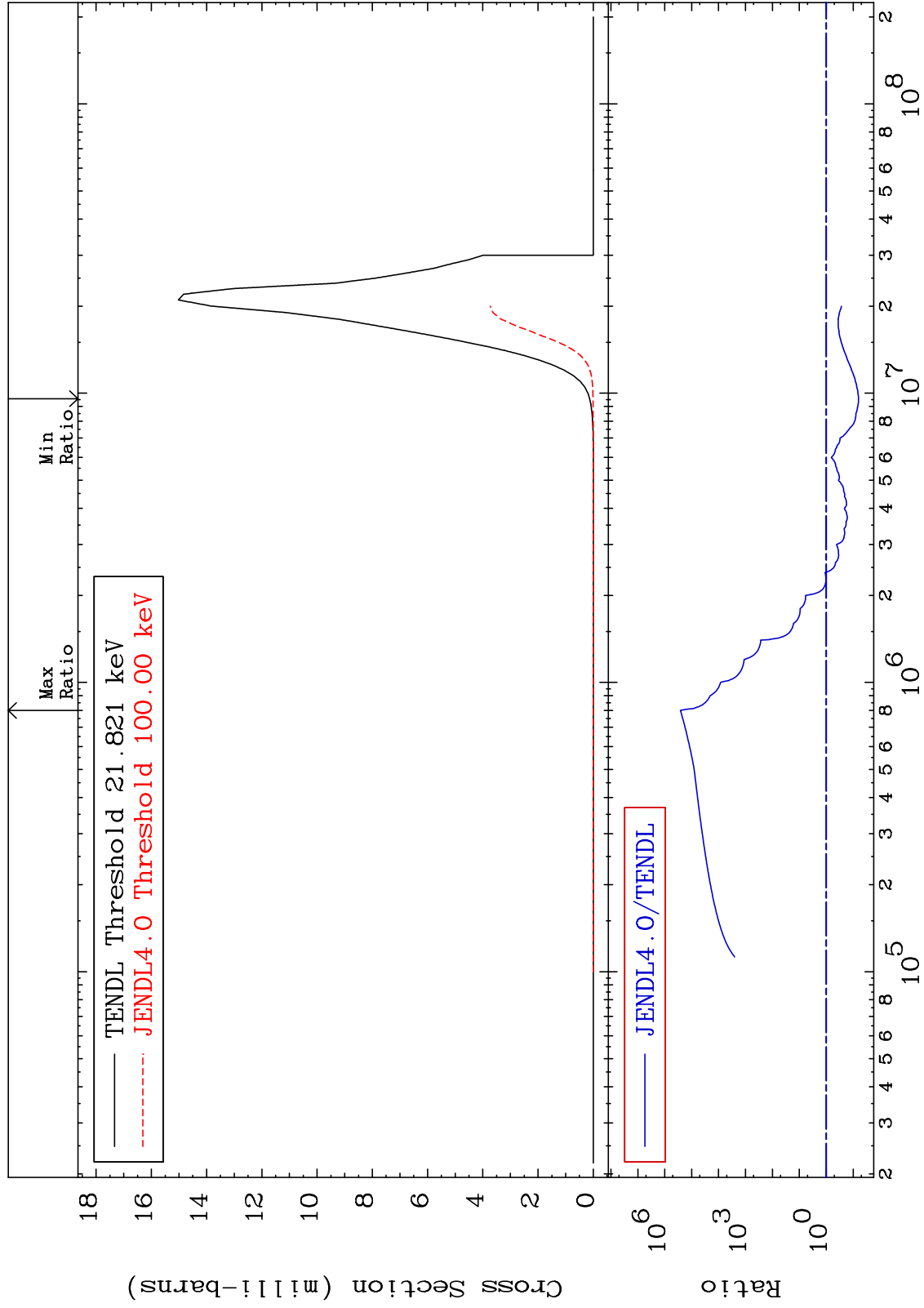
52-Te-128

52-Te-128

MAT 5249

(n, α)
Cross Section

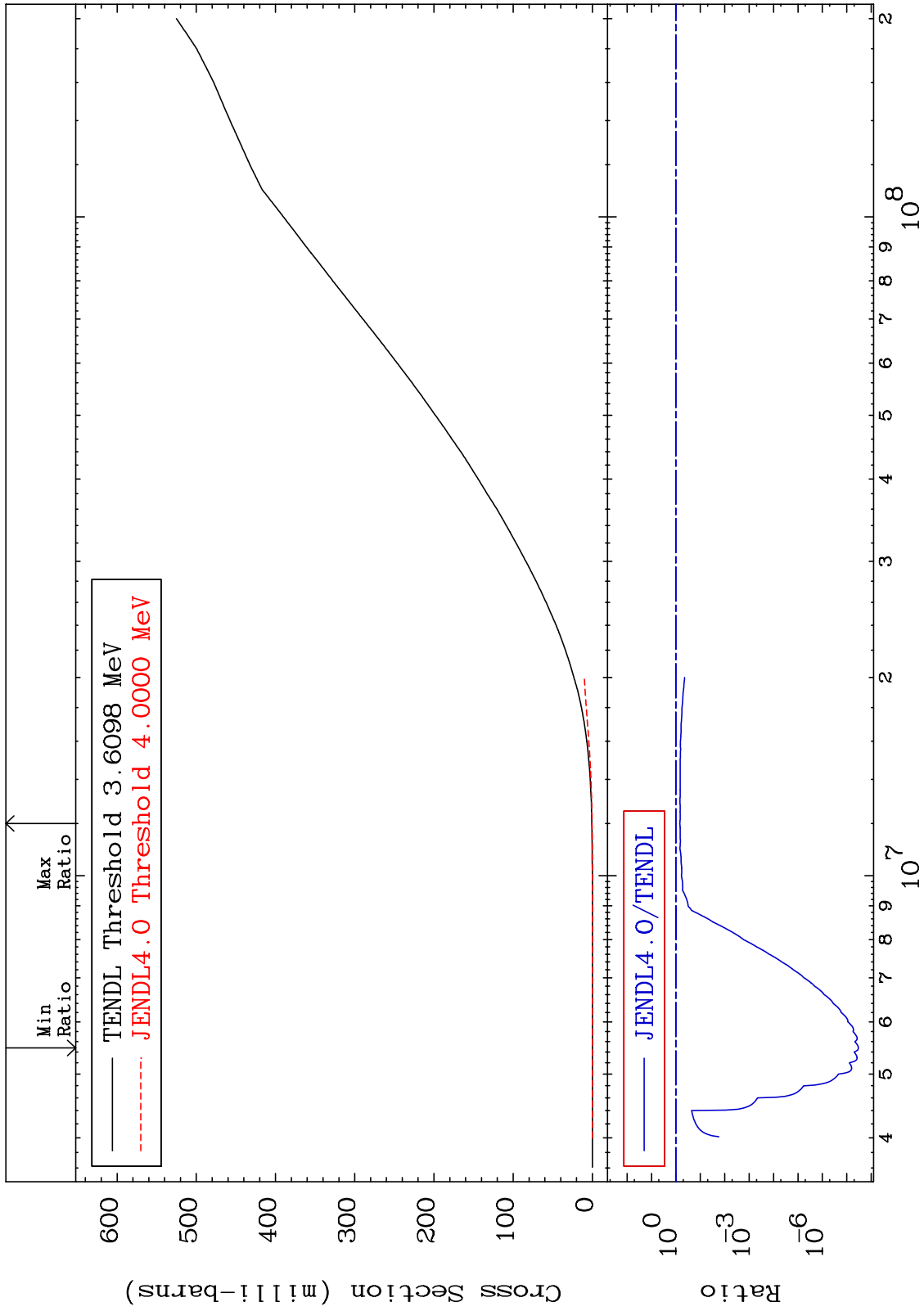
52-Te-128
-93.67 To 9999. %



MAT 5249

Hydrogen Production
Cross Section

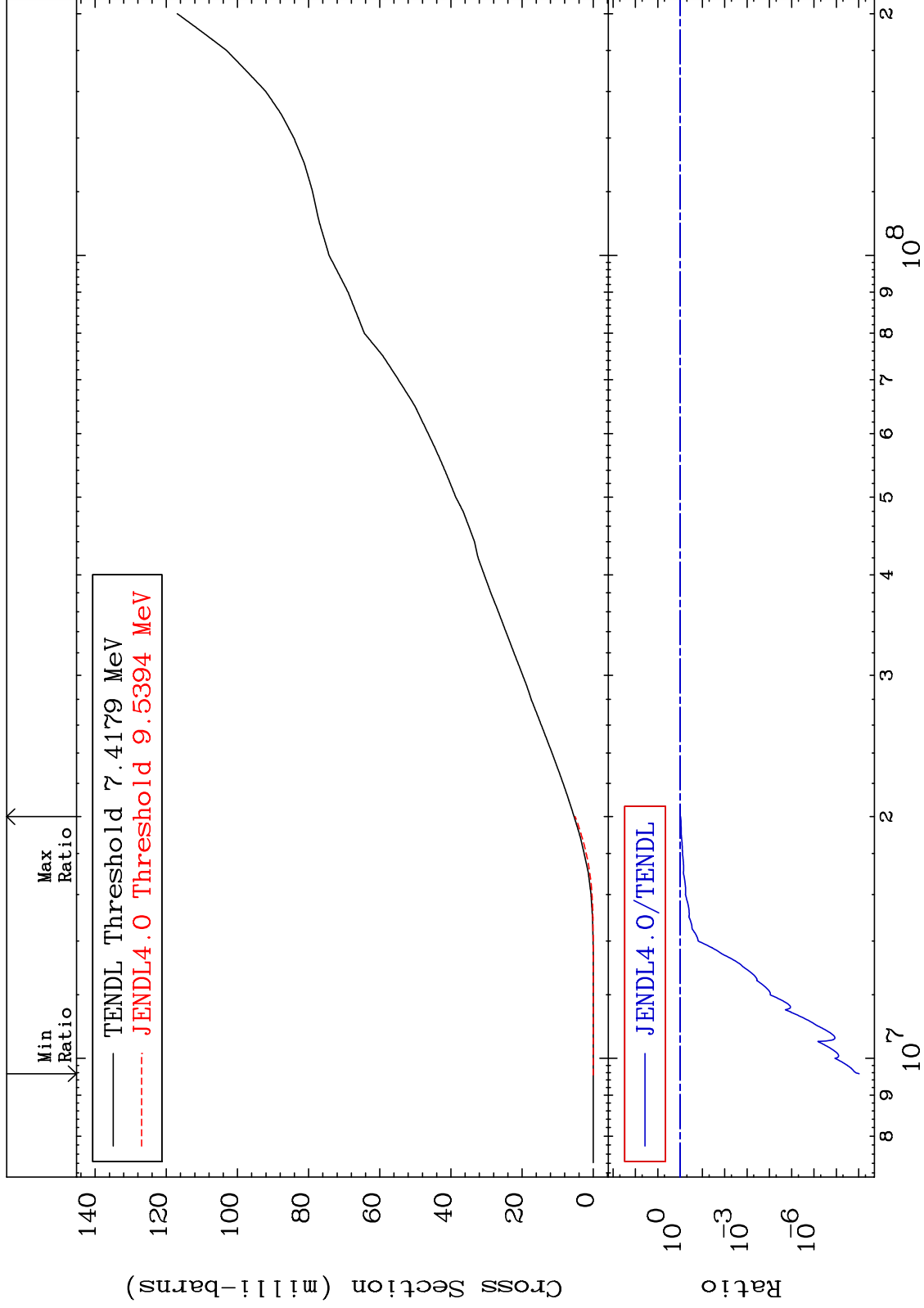
52-Te-128
-100.0 To -30.80%



MAT 5249

Deuterium Production
Cross Section

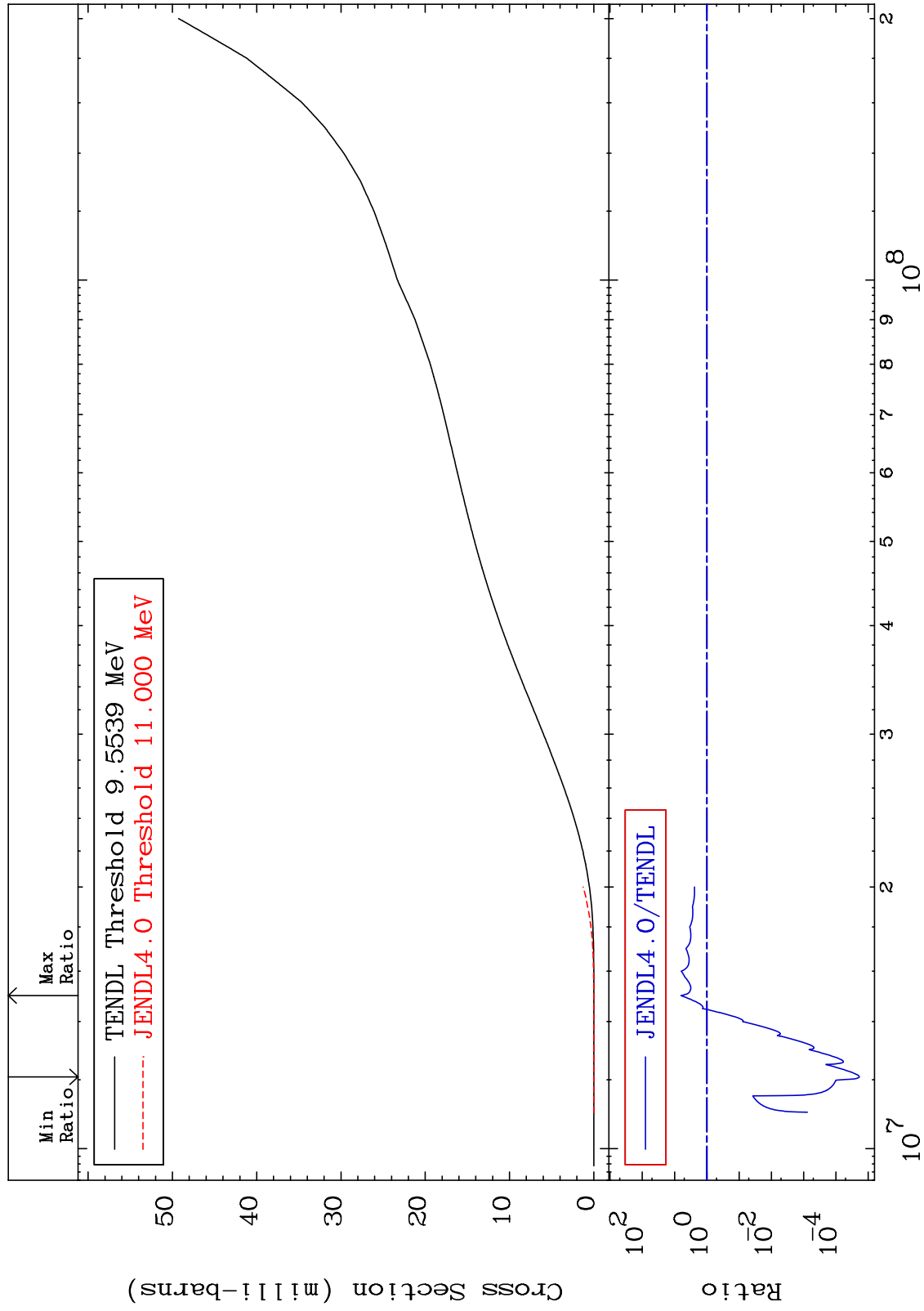
52-Te-128
-100.0 To -5.291%



MAT 5249

Tritium Production
Cross Section

52-Te-128
-100.0 To 529.1 %



25

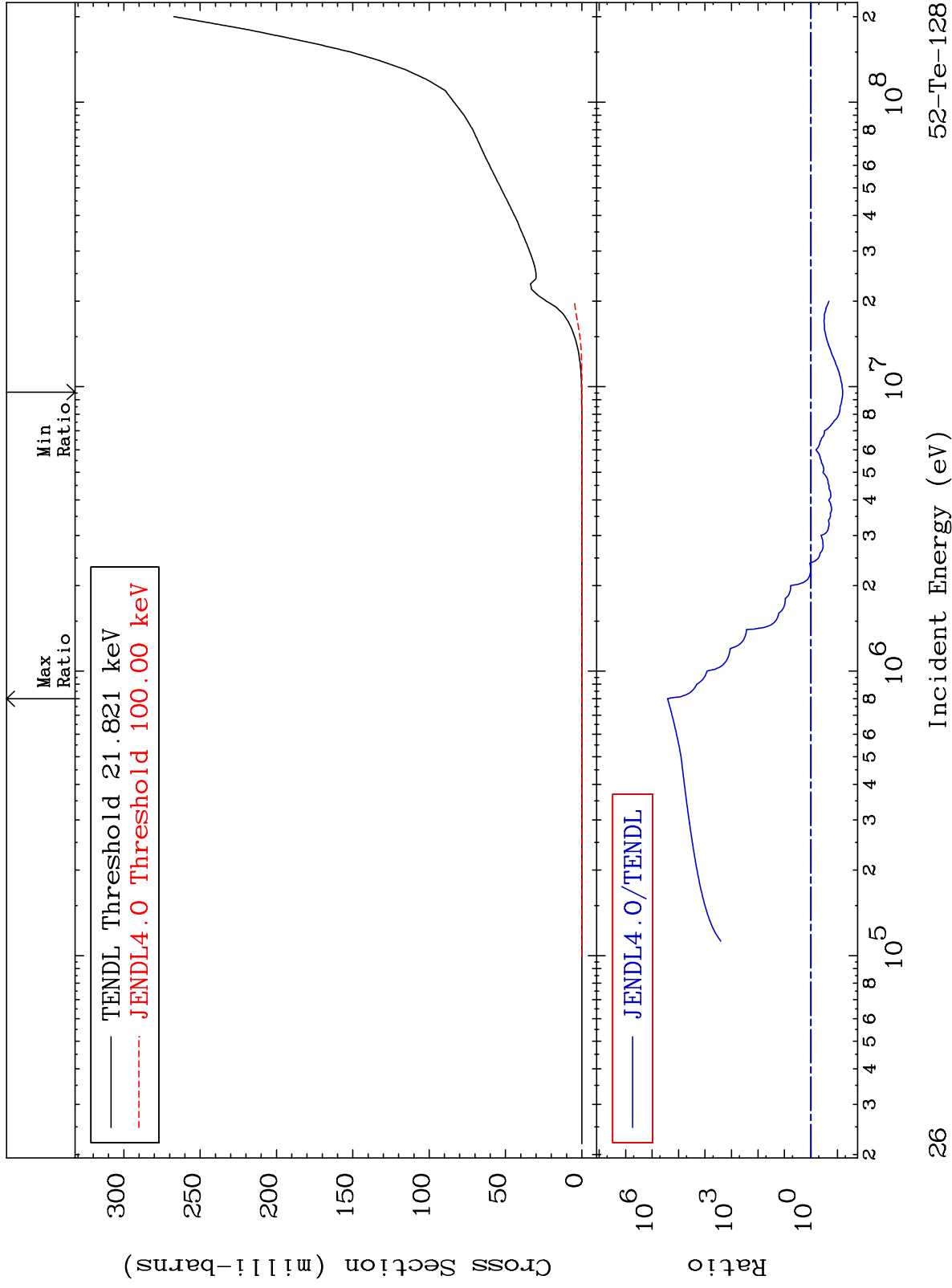
Incident Energy (eV)

52-Te-128

MAT 5249

He-4 Production
Cross Section

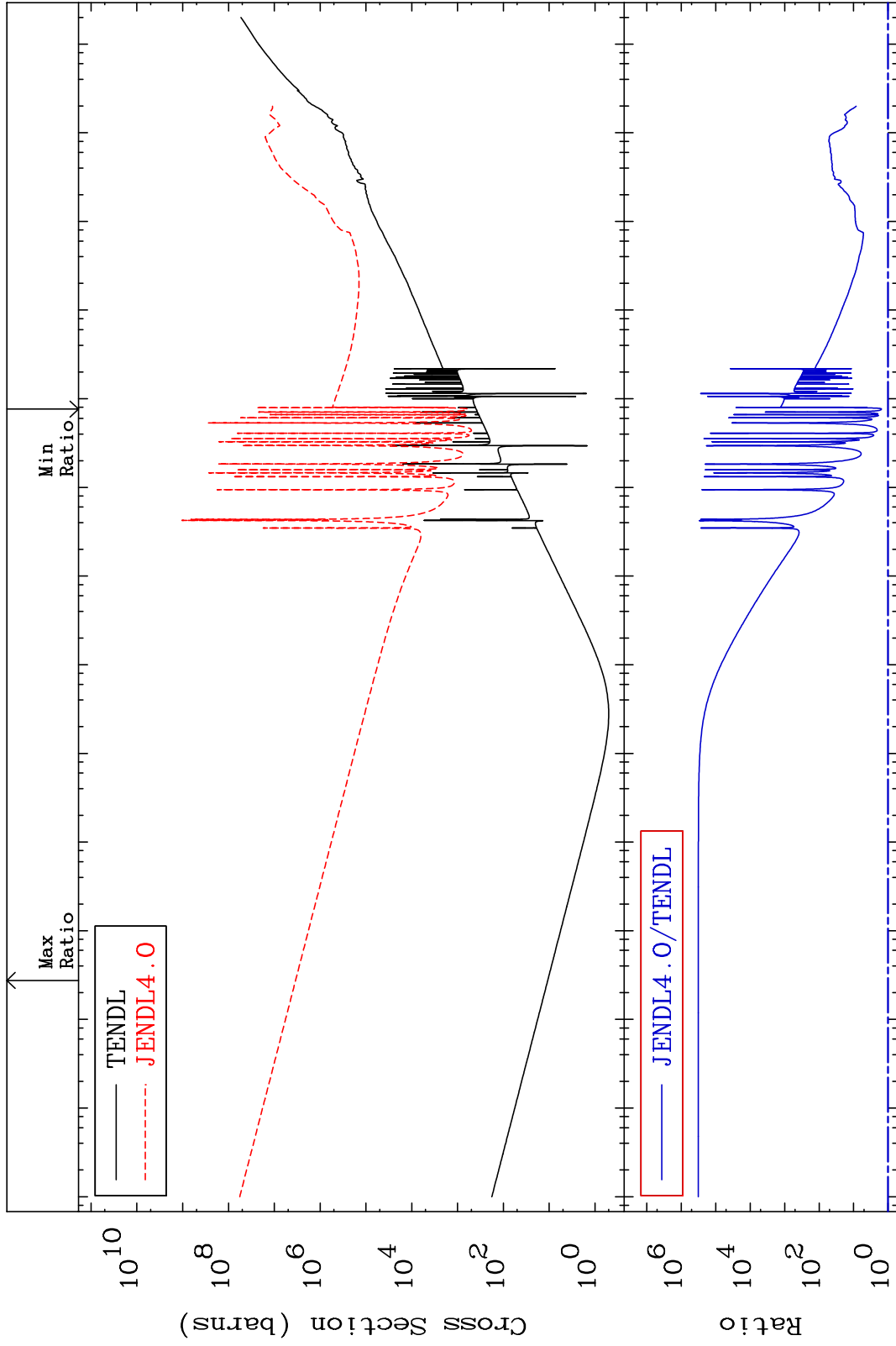
52-Te-128
-93.67 To 9999. %



MAT 5249

Kerma total (eV-barns)
Cross Section

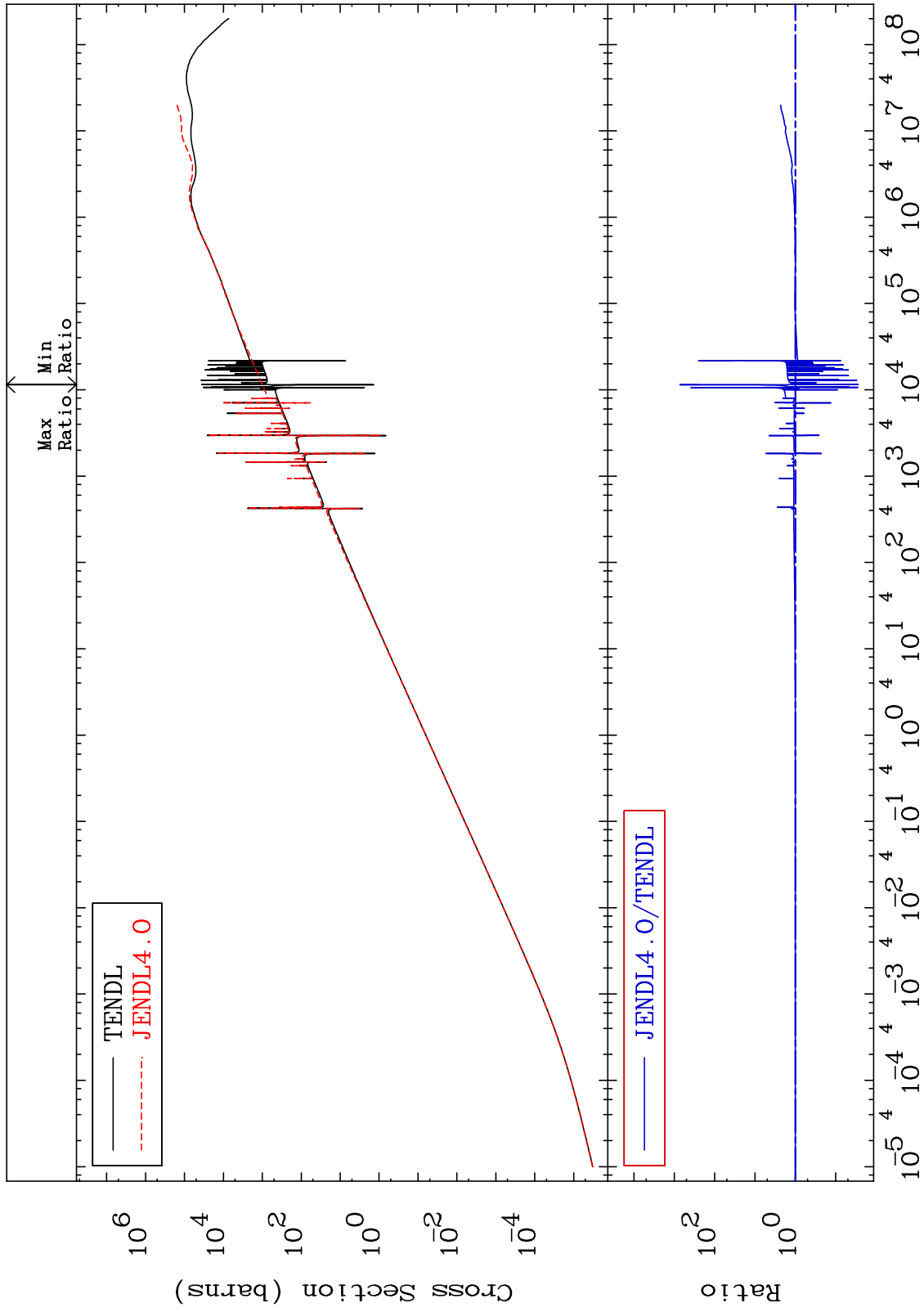
52-Te-128
54.48 To 9999. %



MAT 5249

Kerma elastic
Cross Section

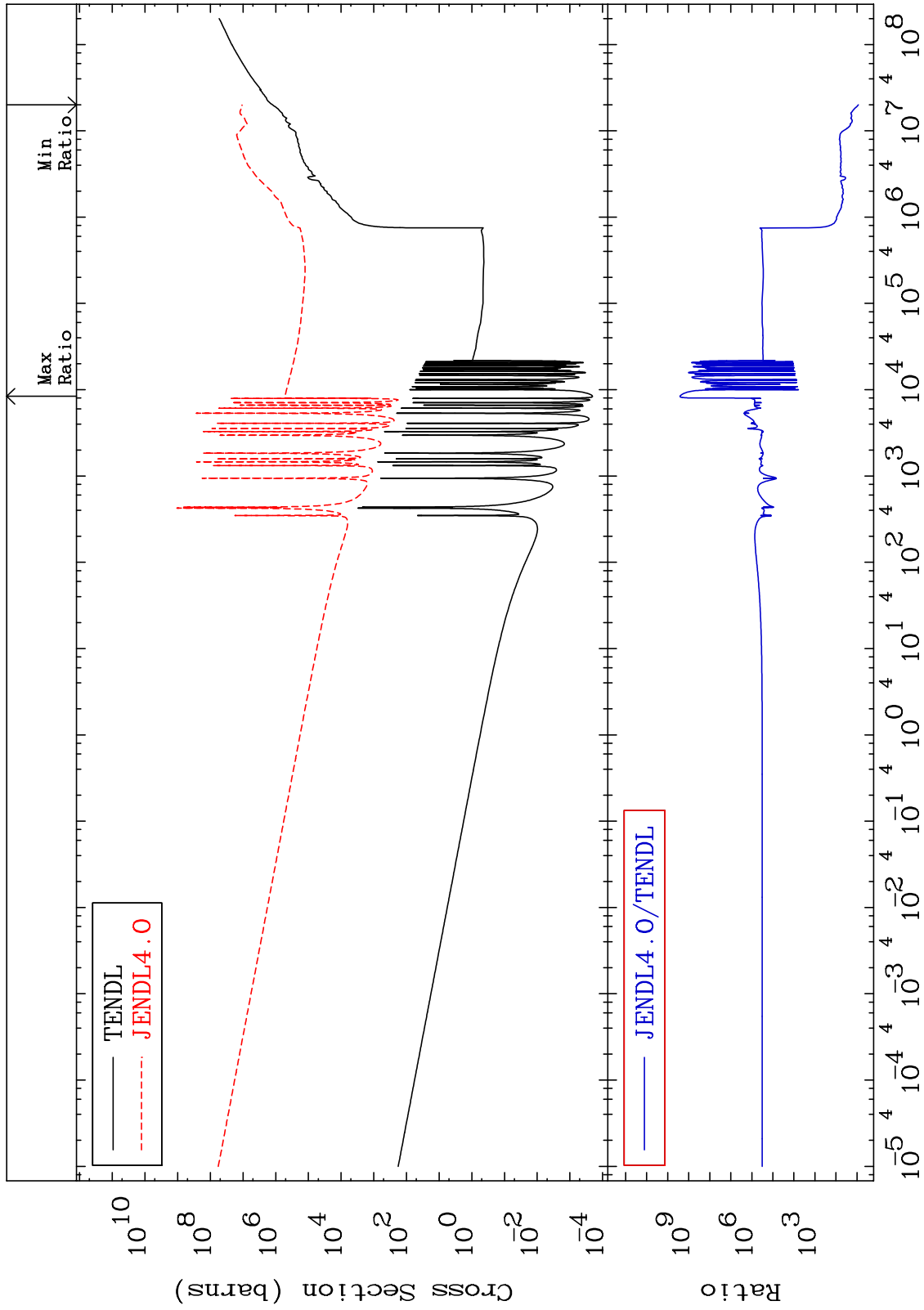
52-Te-128
-97.25 To 9999. %



MAT 5249

Kerma non-elastic (all but mt2)
Cross Section

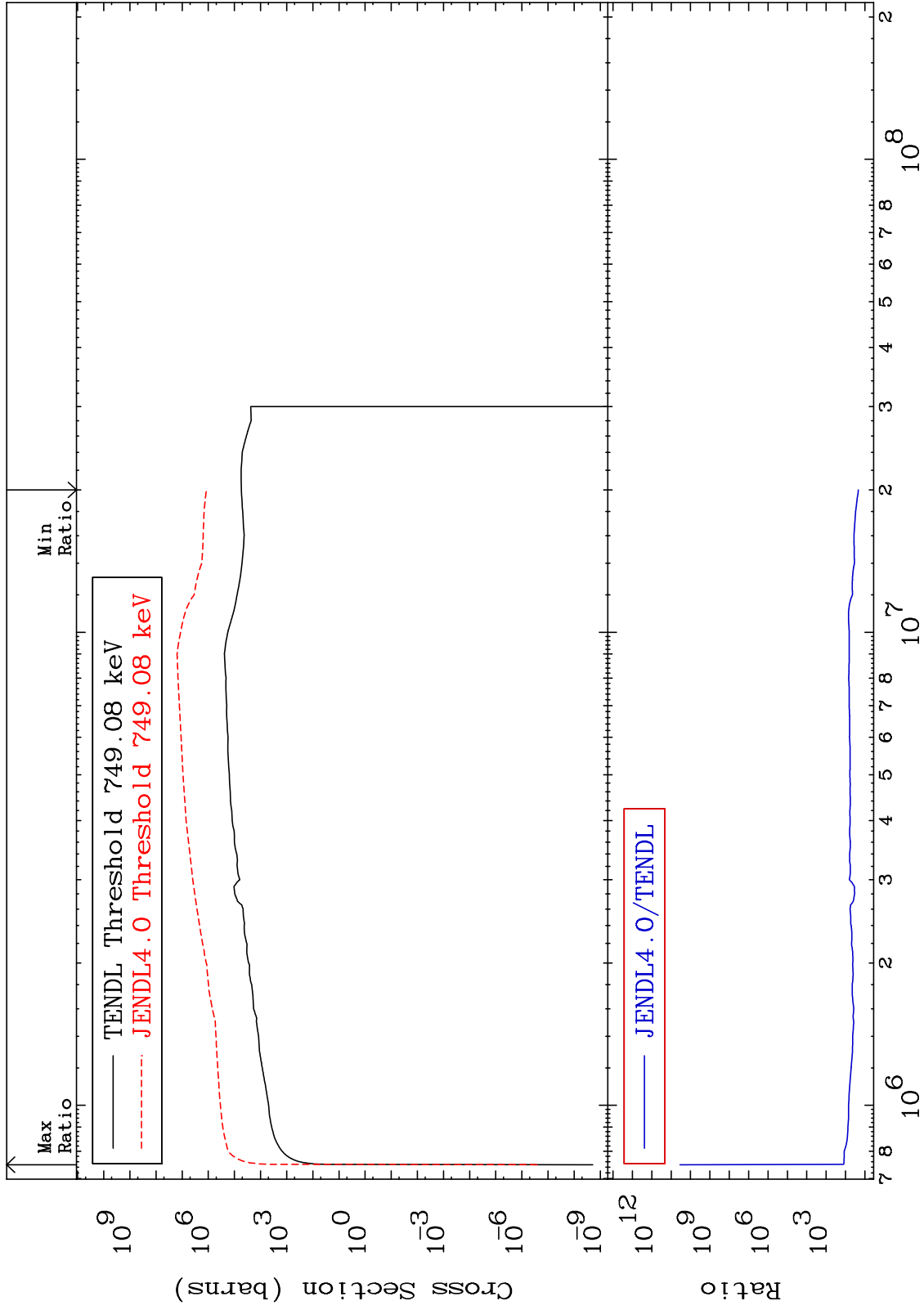
52-Te-128
758.2 To 9999. %



MAT 5249

Kerma inelastic (mt51-91)
Cross Section

52-Te-128
2059. To 9999. %



30

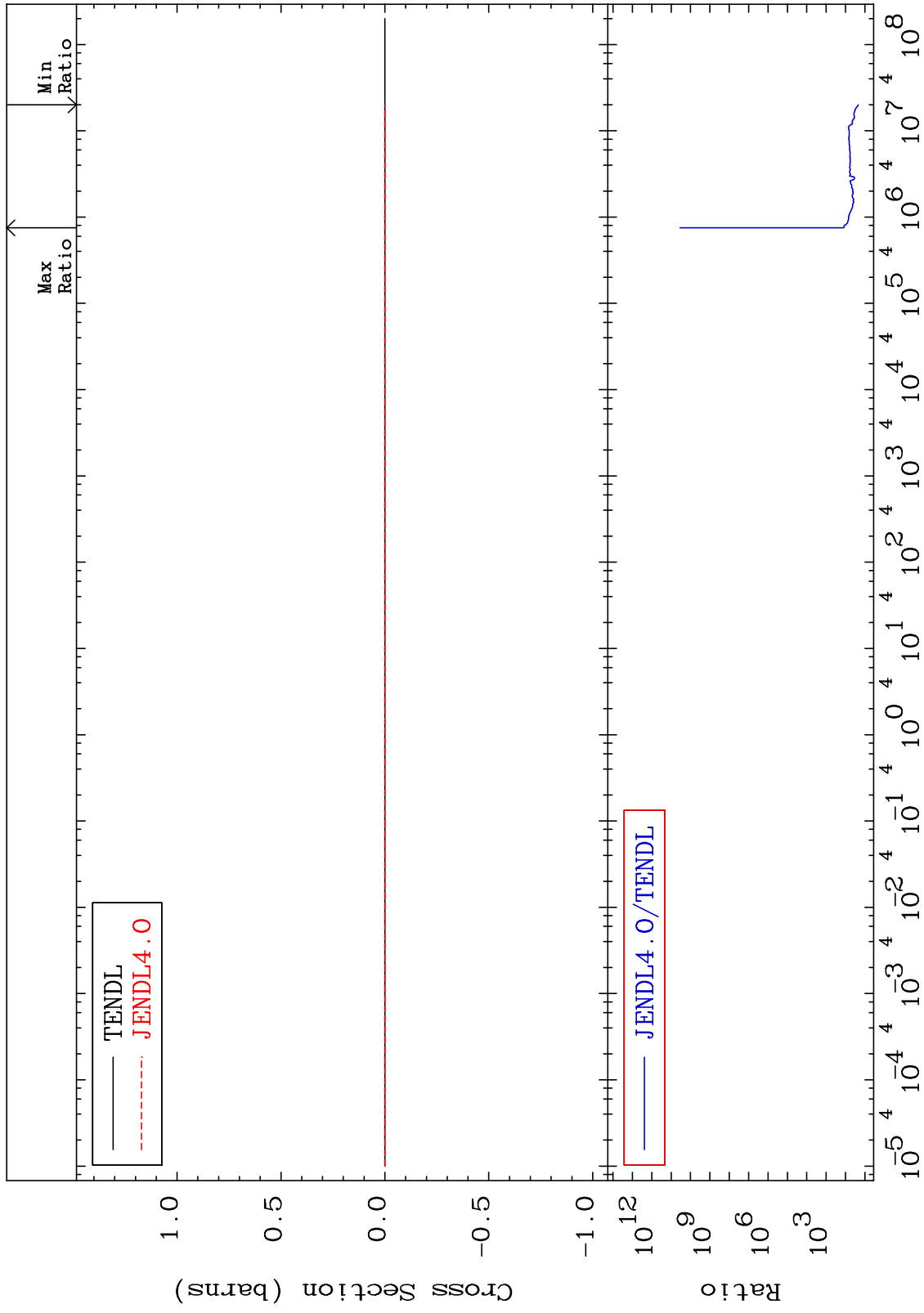
Incident Energy (eV)

52-Te-128

MAT 5249

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

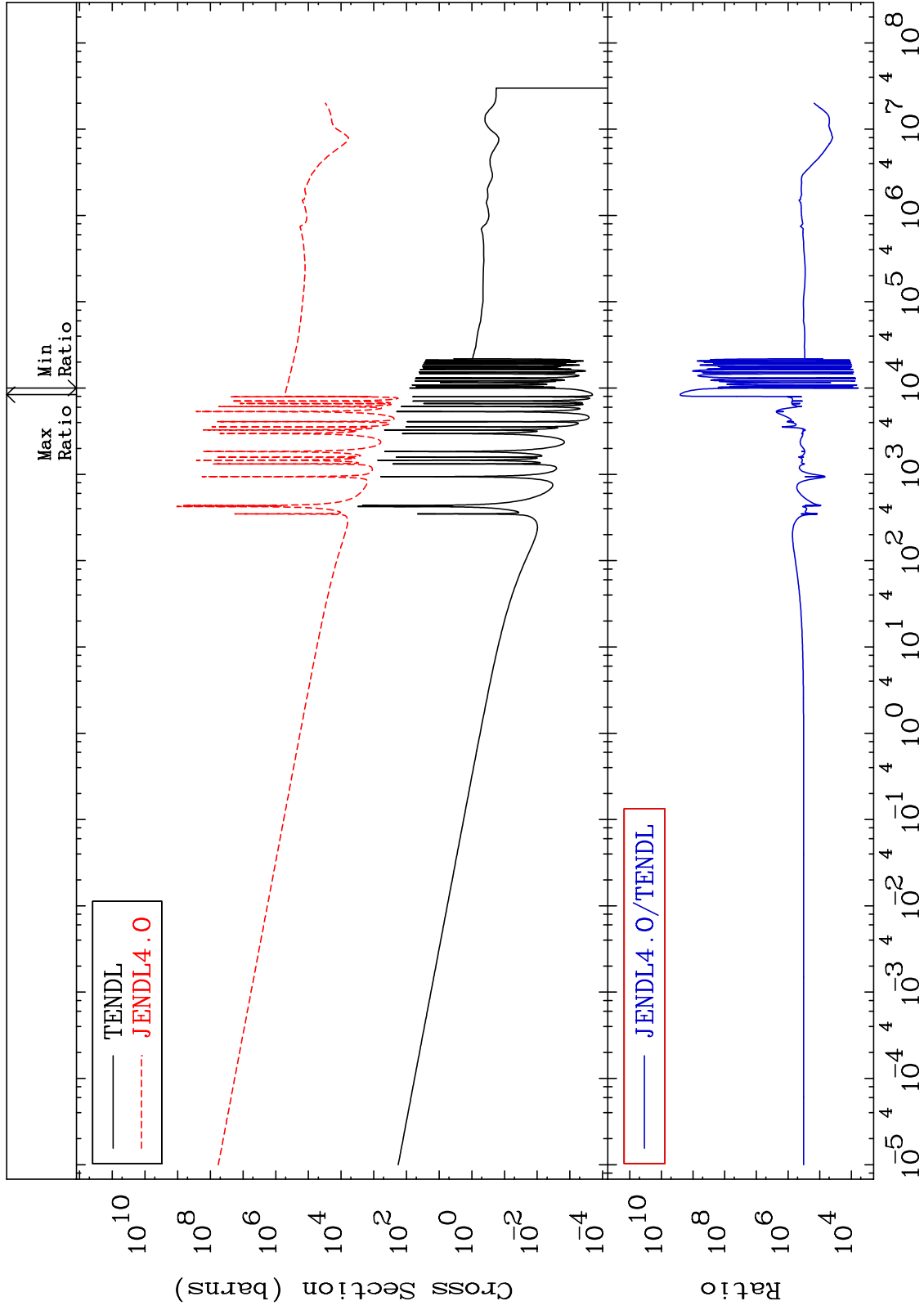
52-Te-128
2059. To 9999. %



MAT 5249

Kerma capture (mt102)
Cross Section

52-Te-128
9999. To 9999. %



32

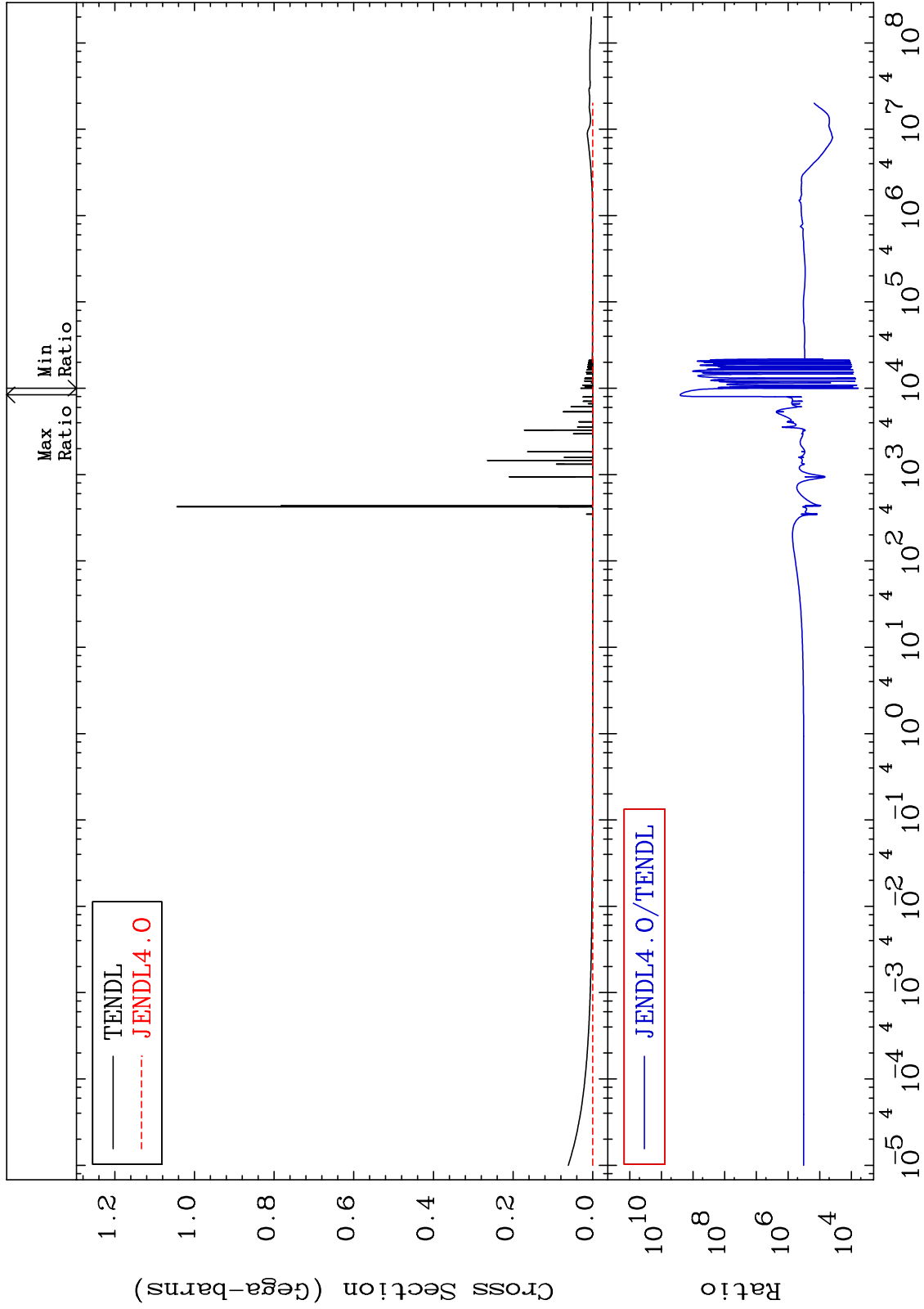
Incident Energy (eV)

52-Te-128

MAT 5249

Total photon (eV-barns)
Cross Section

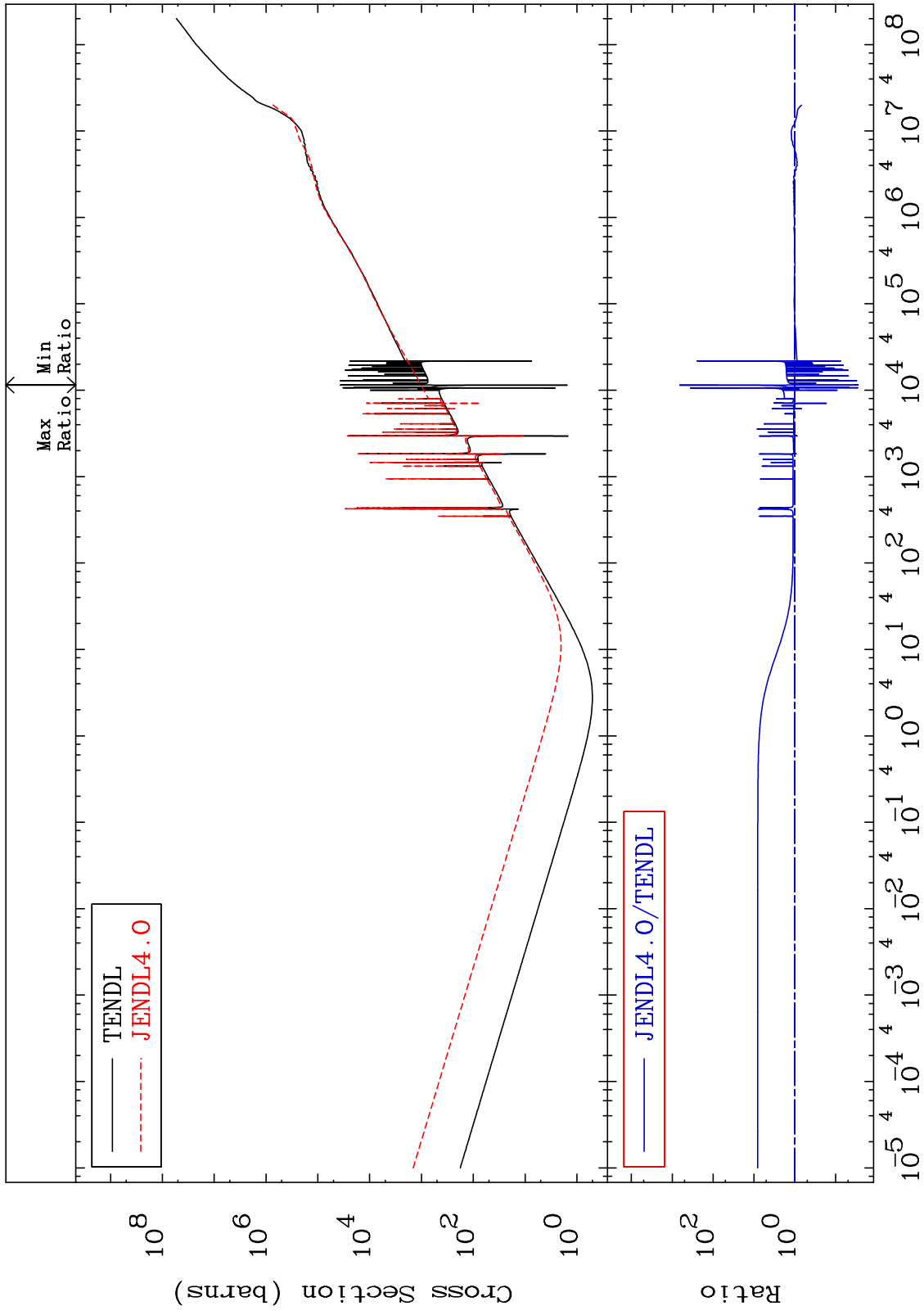
52-Te-128
9999. To 9999. %



MAT 5249

Total kinematic kerma (high limit)
Cross Section

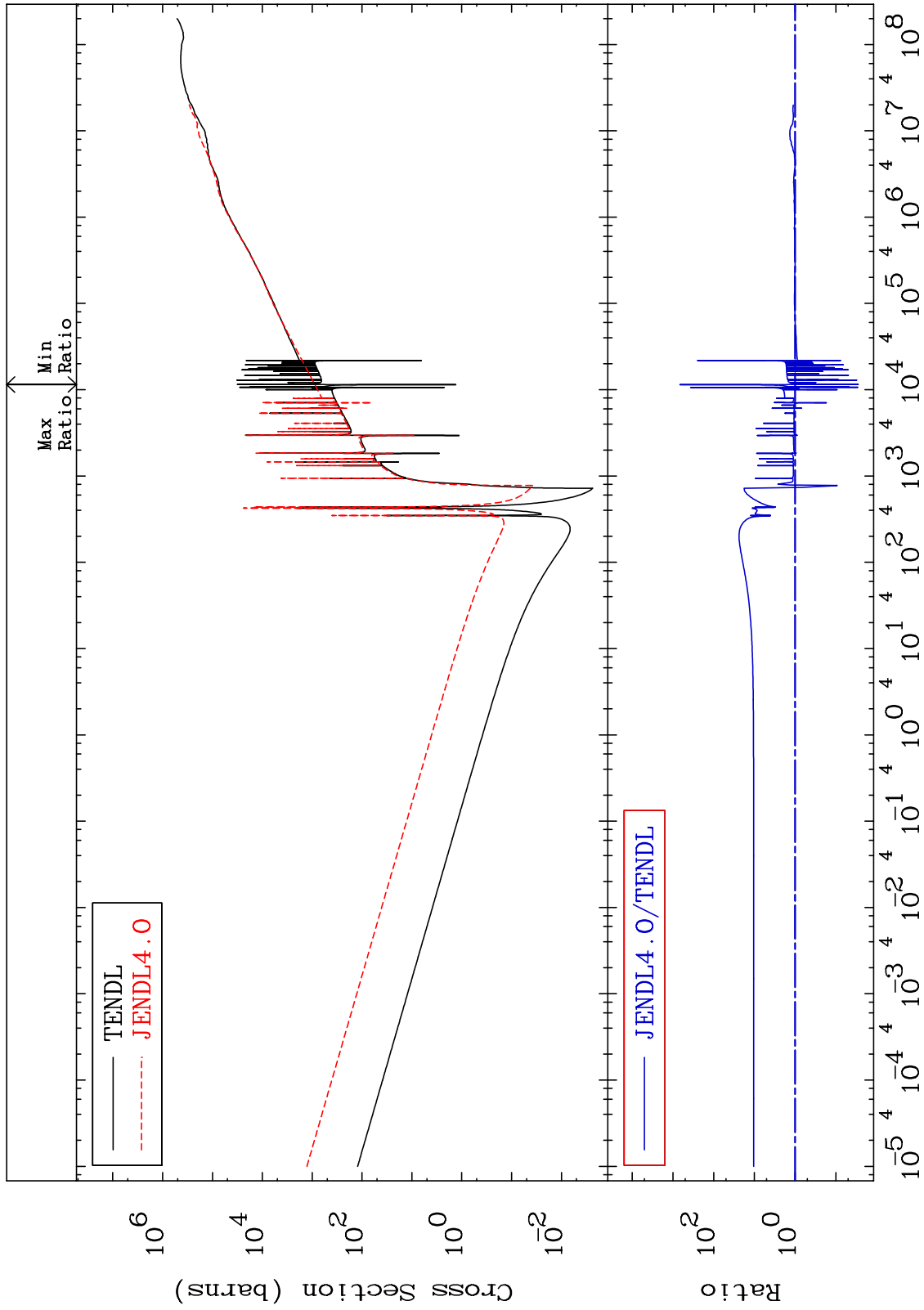
52-Te-128
-97.21 To 9999. %



MAT 5249

Dpa total (eV-barns)
Cross Section

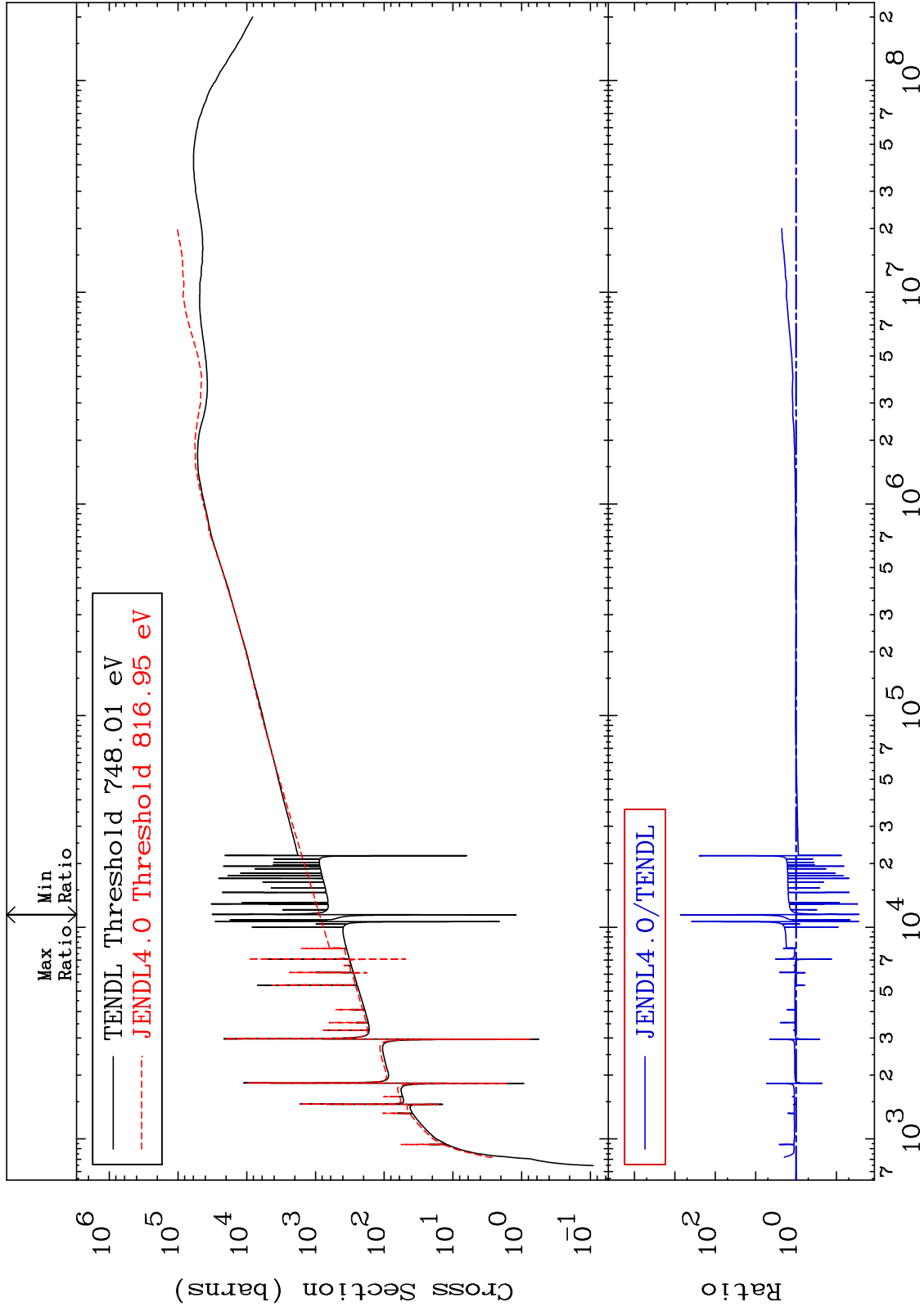
52-Te-128
-97.21 To 9999. %



MAT 5249

Dpa elastic (mt2)
Cross Section

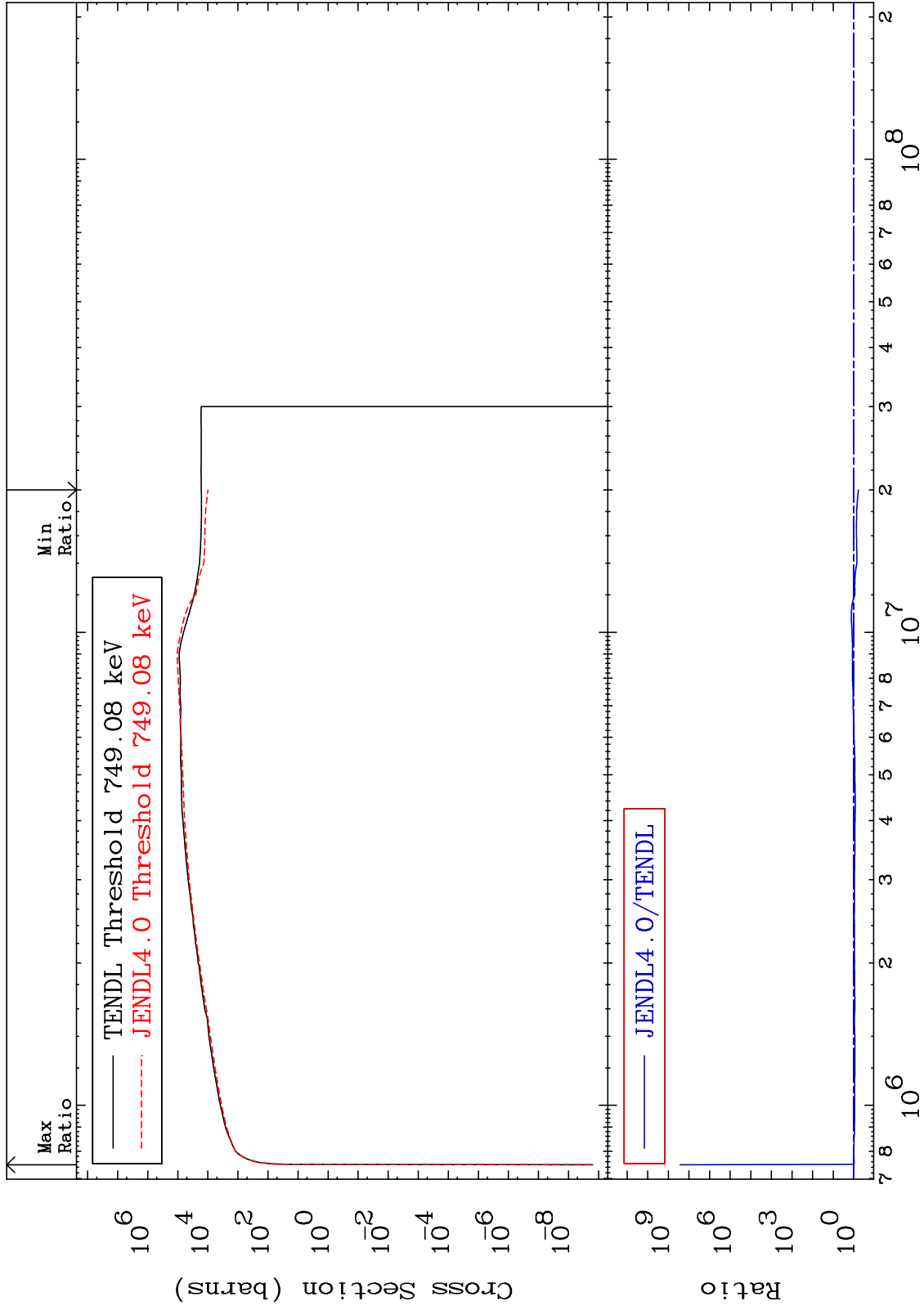
52-Te-128
-97.25 To 9999. %



MAT 5249

Dpa inelastic (mt51-91)
Cross Section

52-Te-128
-40.17 To 9999. %



37

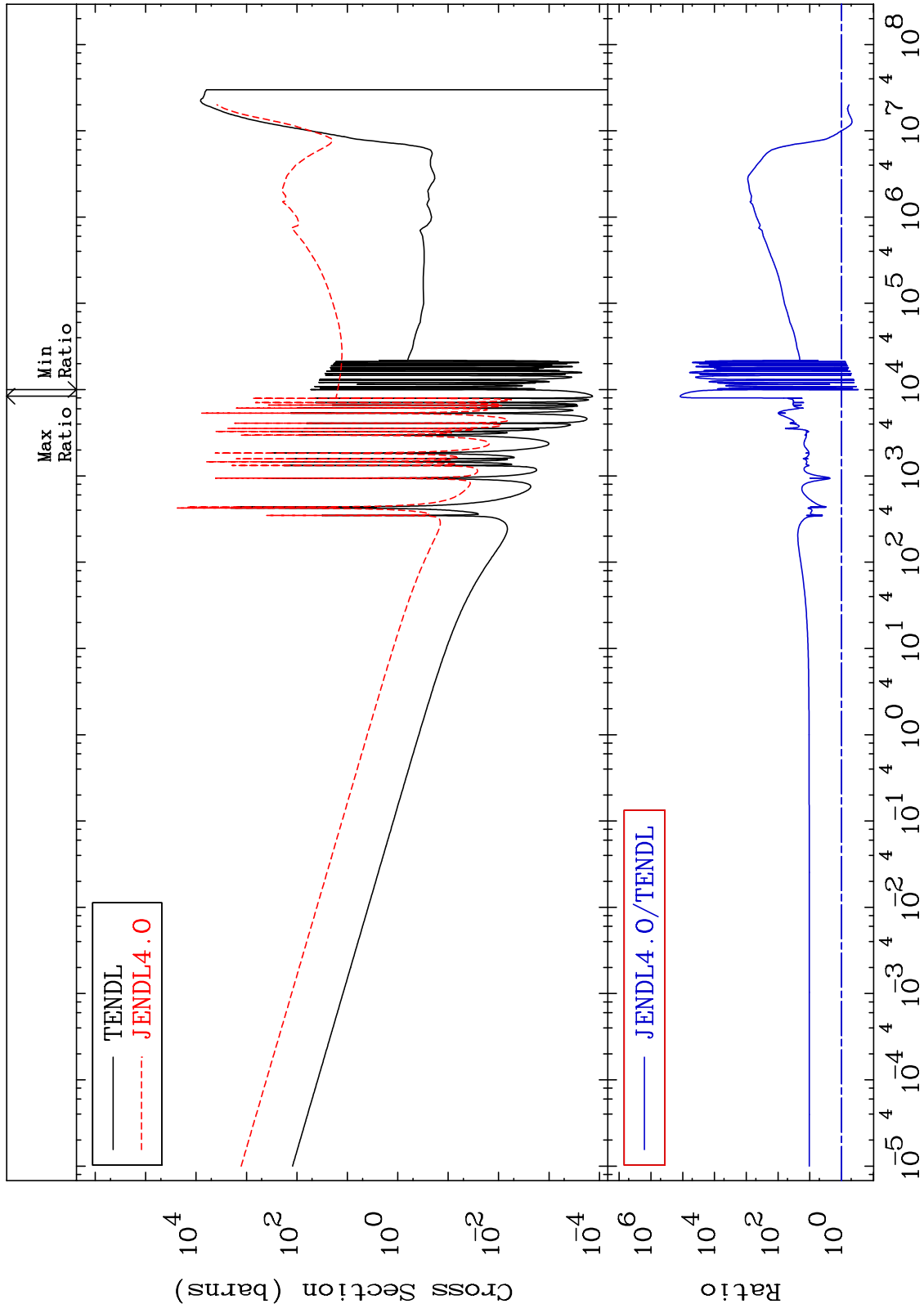
Incident Energy (eV)

52-Te-128

MAT 5249

Dpa disappearance (mt102 -120)
Cross Section

52-Te-128
-70.55 To 9999. %



38

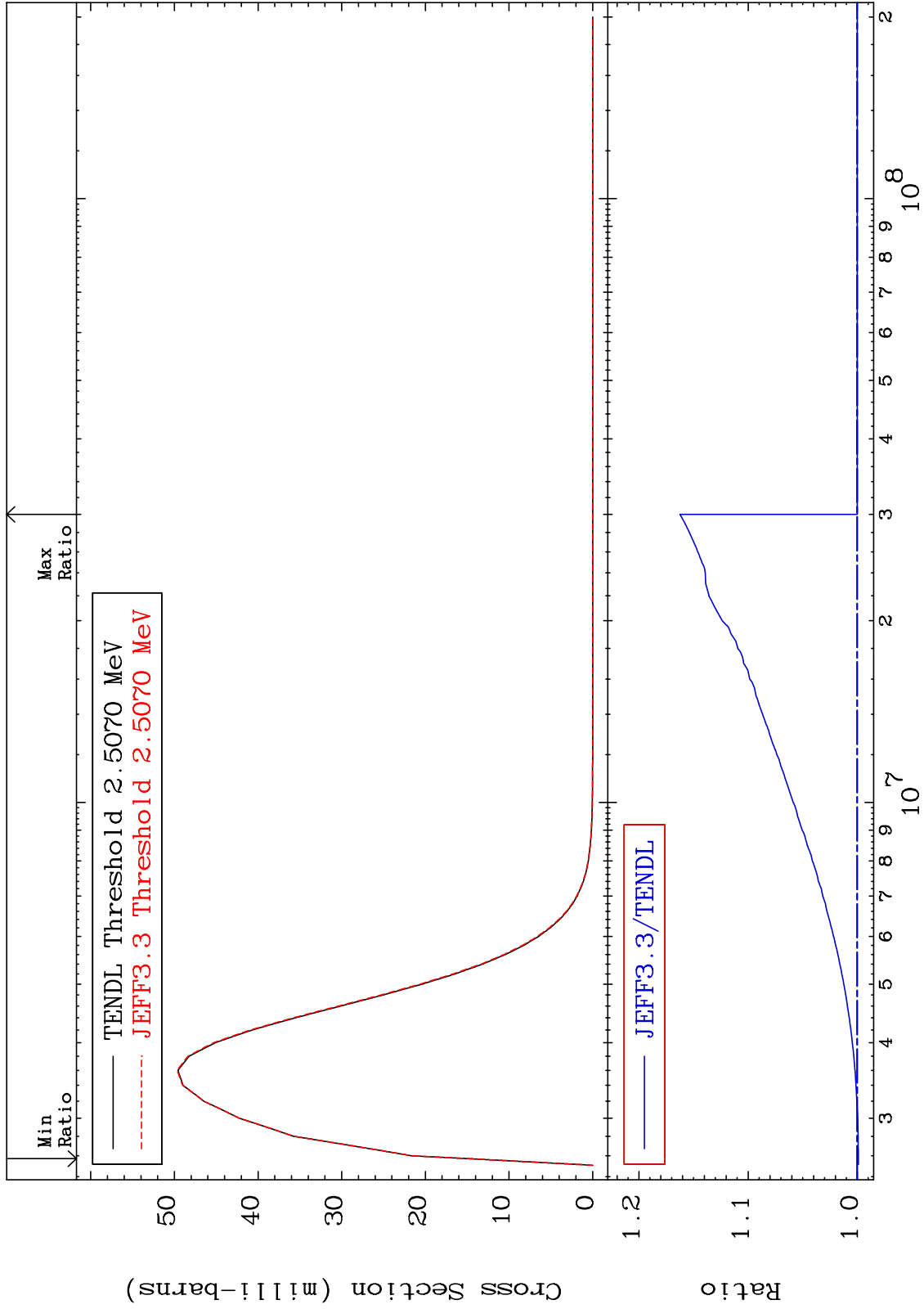
Incident Energy (eV)

52-Te-128

MAT 5249

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

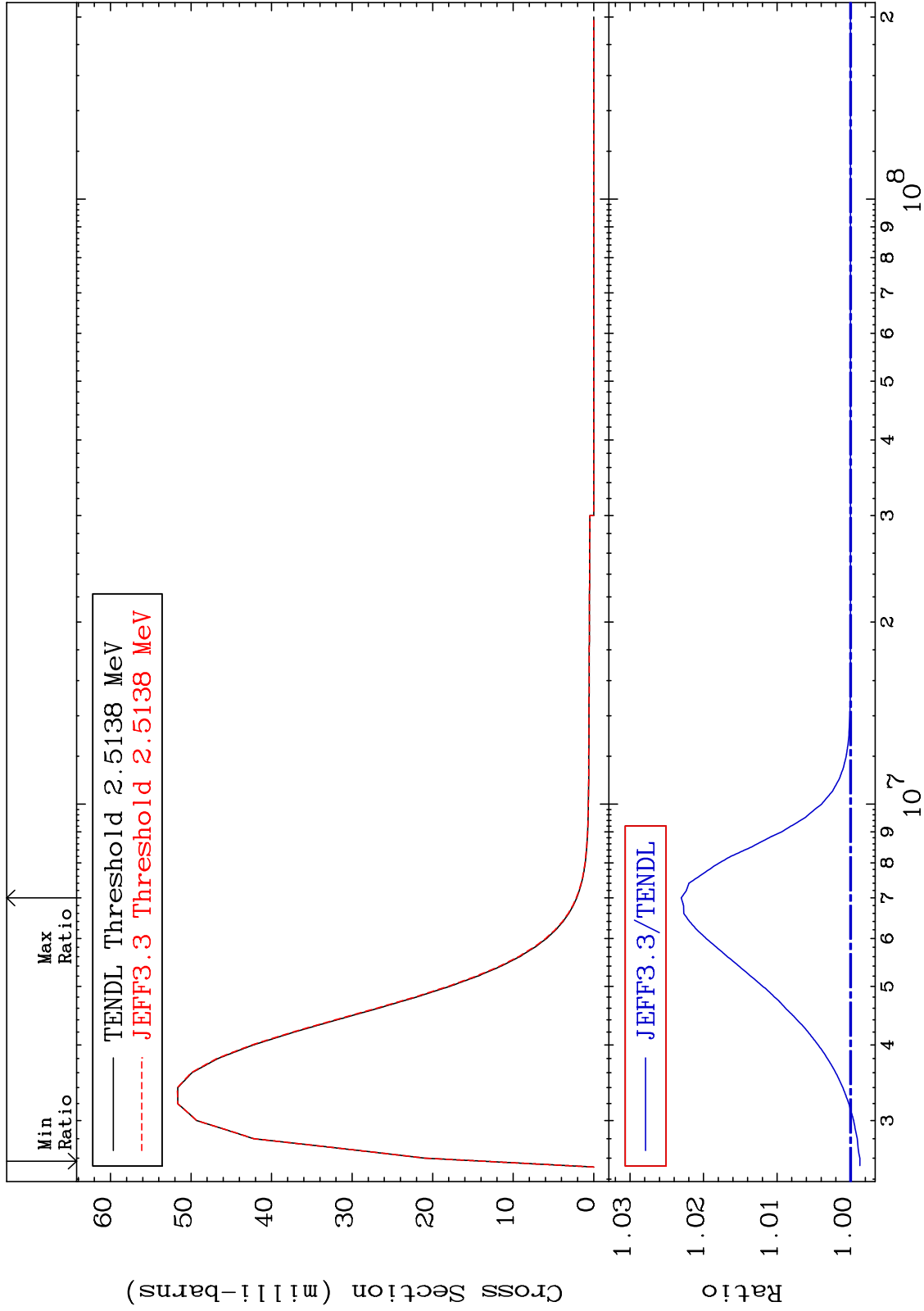
52-Te-128
-0.109 To 16.24 %



MAT 5249

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

52-Te-128
-0.128 To 2.304 %



40

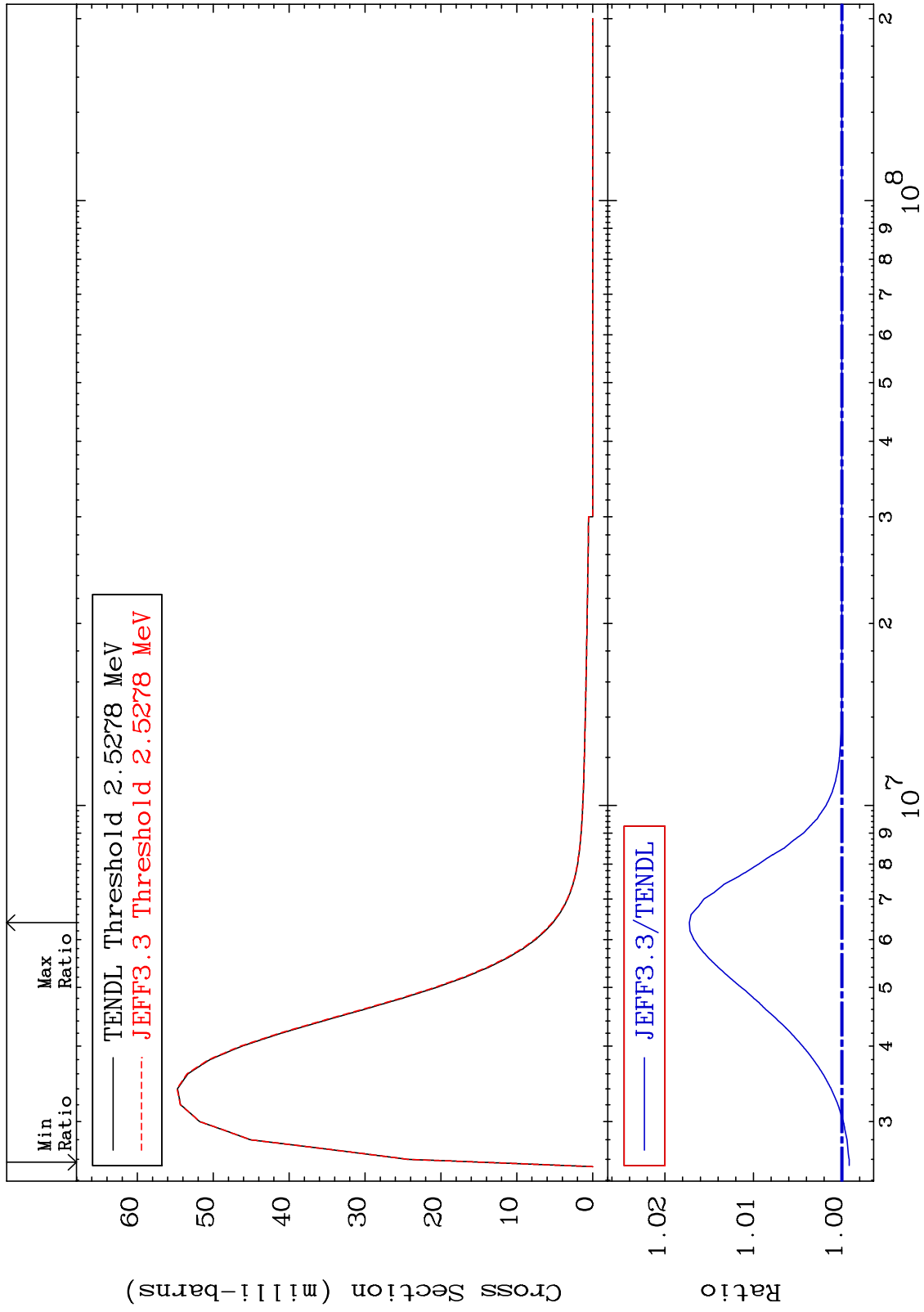
Incident Energy (eV)

52-Te-128

MAT 5249

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

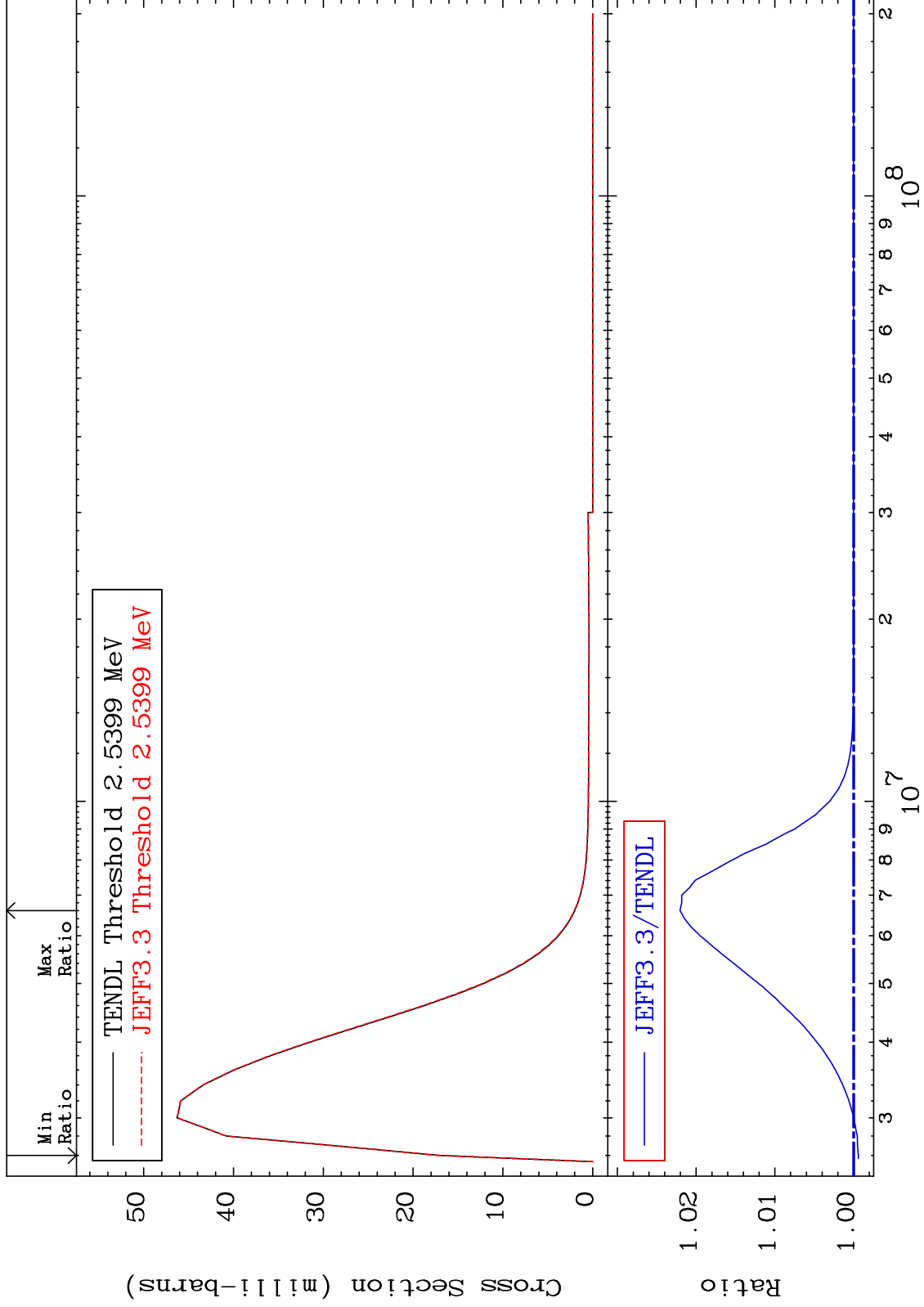
52-Te-128
-0.083 To 1.726 %



MAT 5249

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

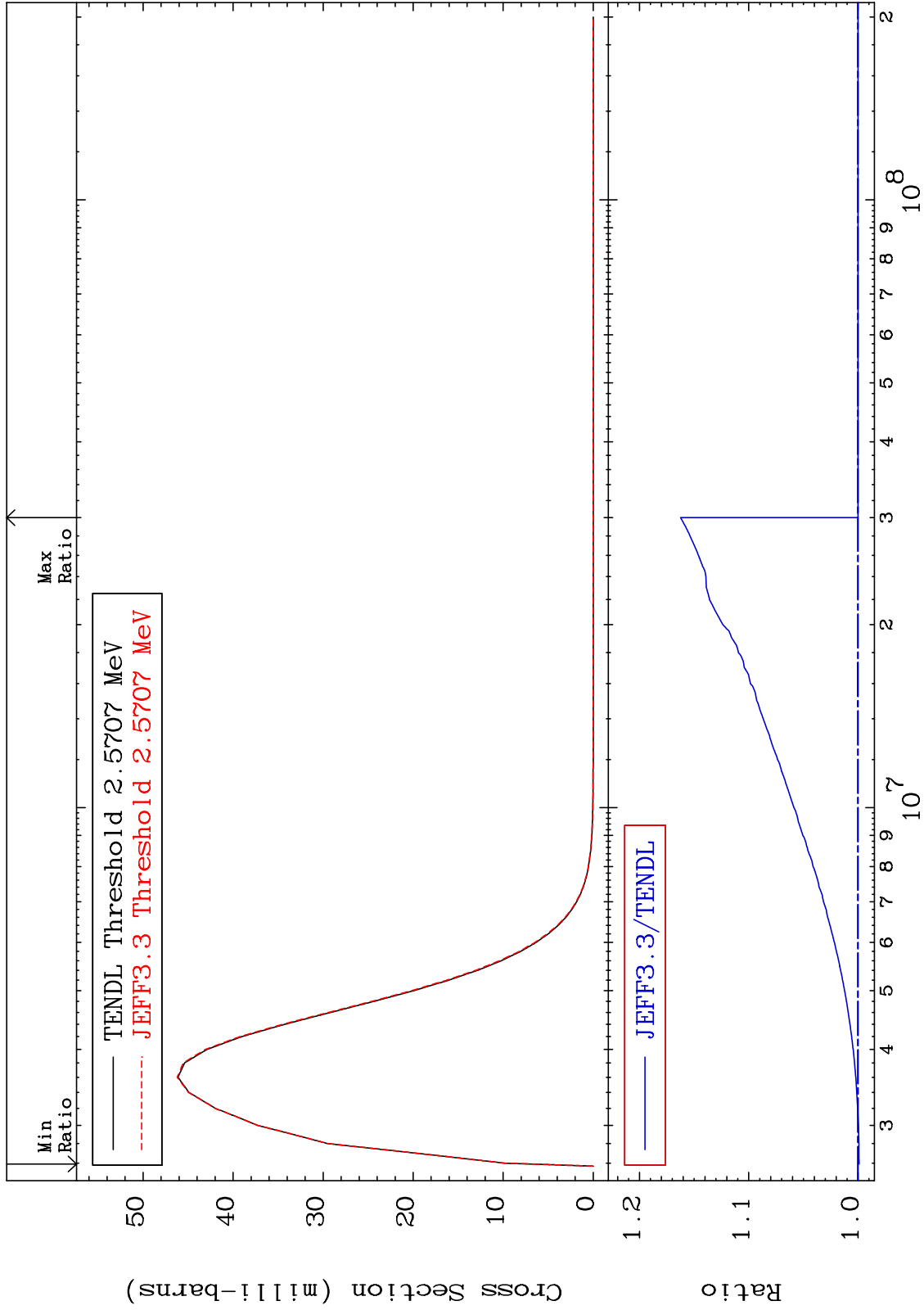
52-Te-128
-0.061 To 2.205 %



MAT 5249

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

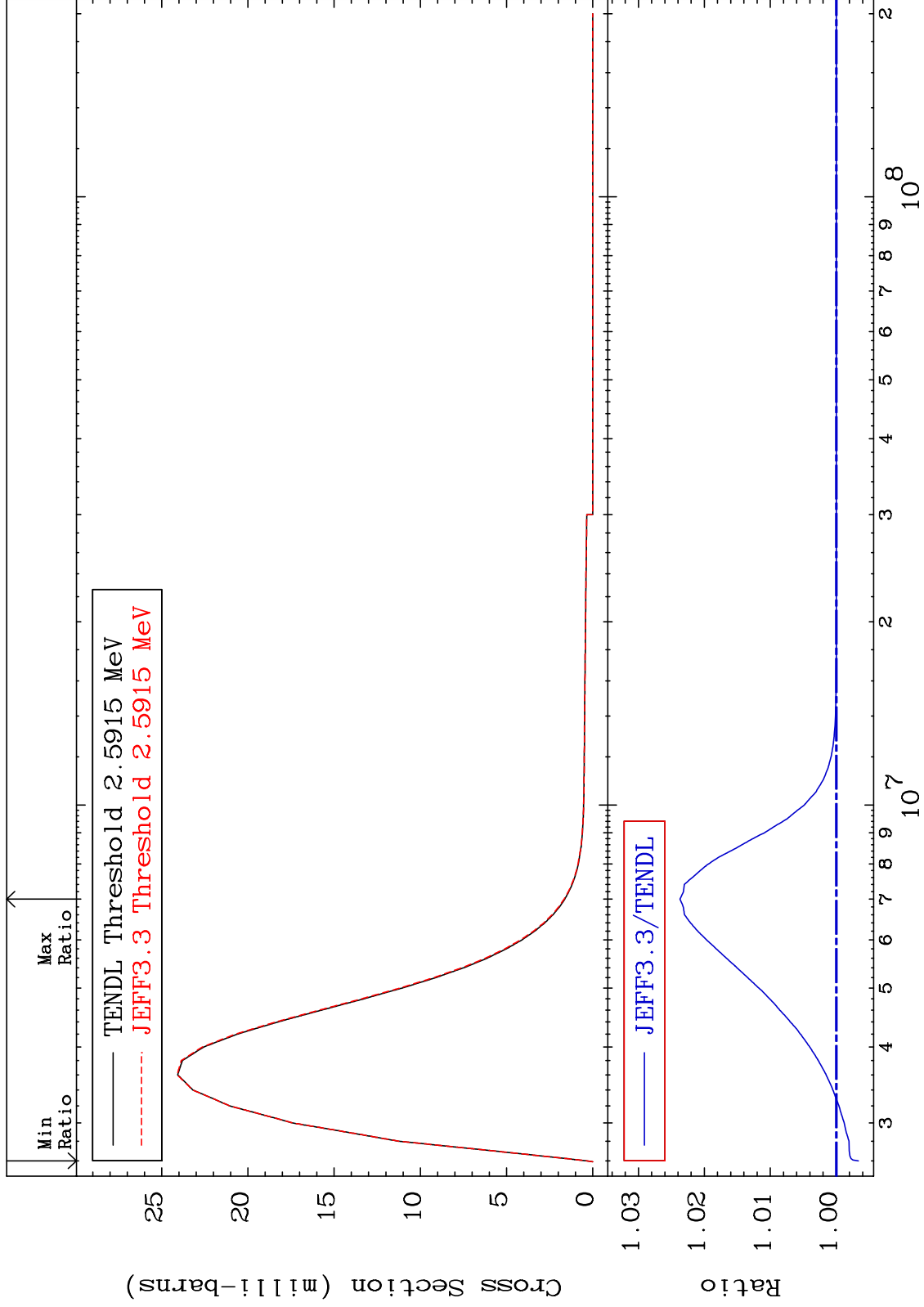
52-Te-128
-0.109 To 16.24 %



MAT 5249

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

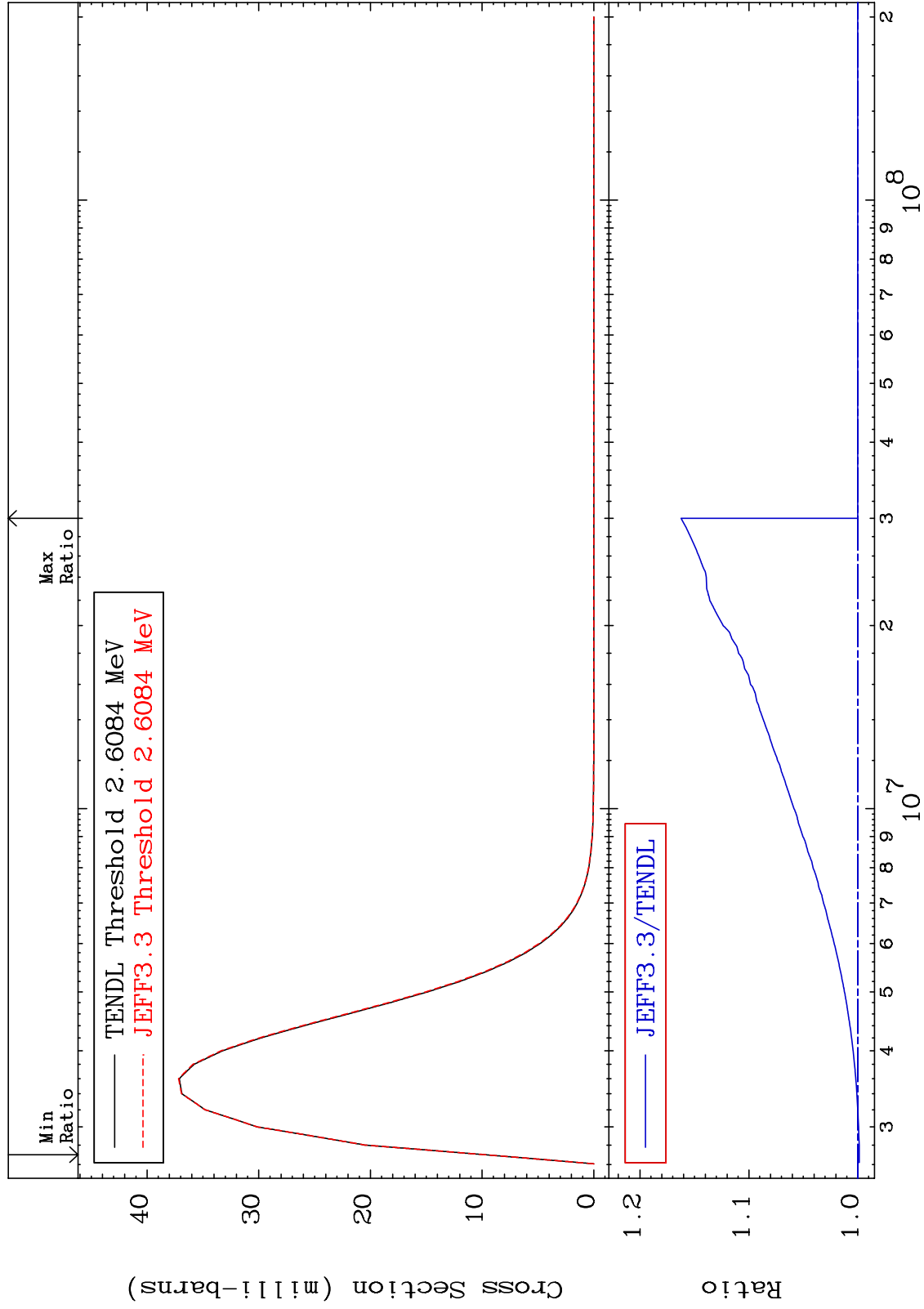
52-Te-128
-0.335 To 2.369 %



MAT 5249

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

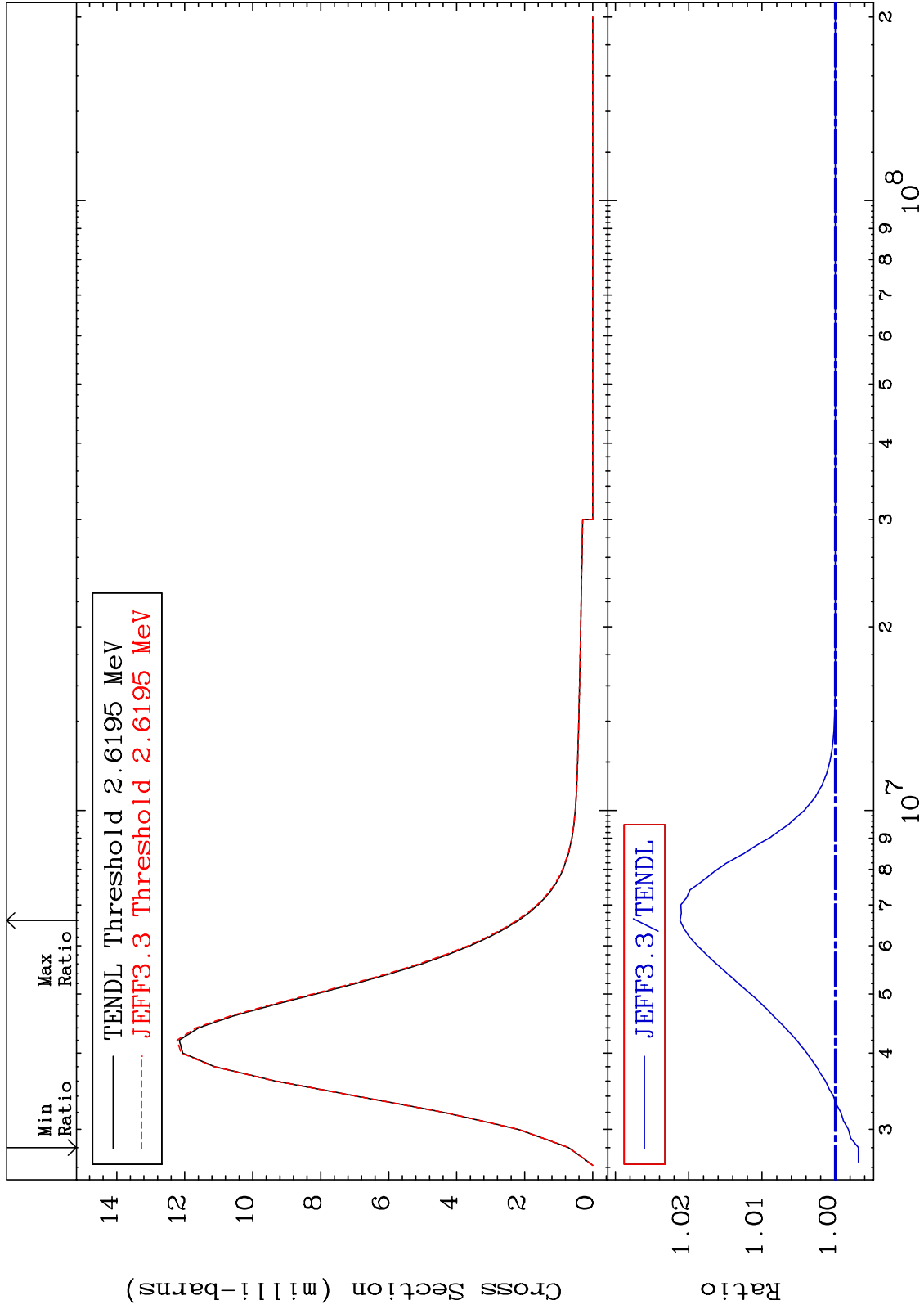
52-Te-128
-0.140 To 16.23 %



MAT 5249

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

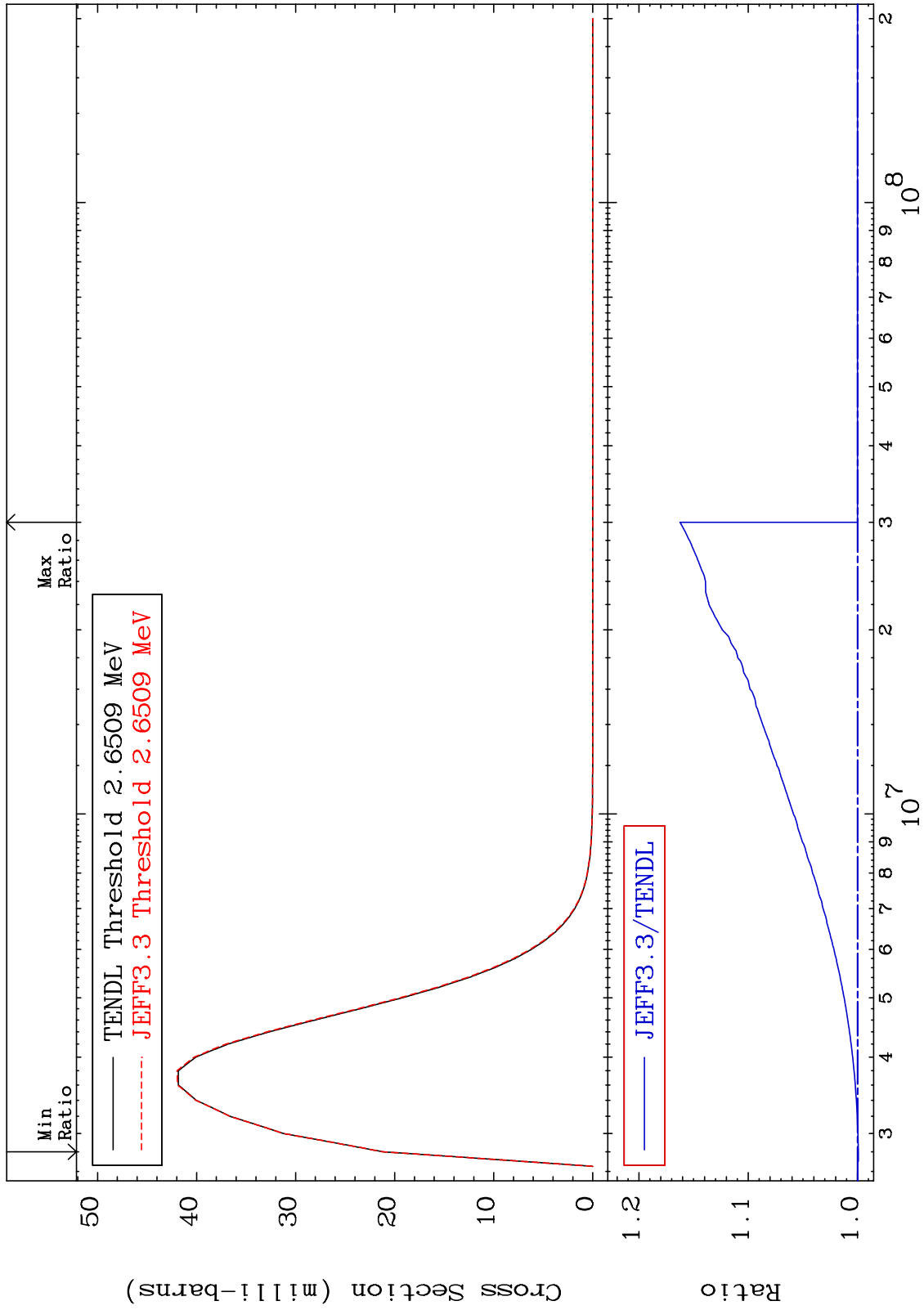
52-Te-128
-0.315 To 2.119 %



MAT 5249

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

52-Te-128
-0.080 To 16.24 %



47

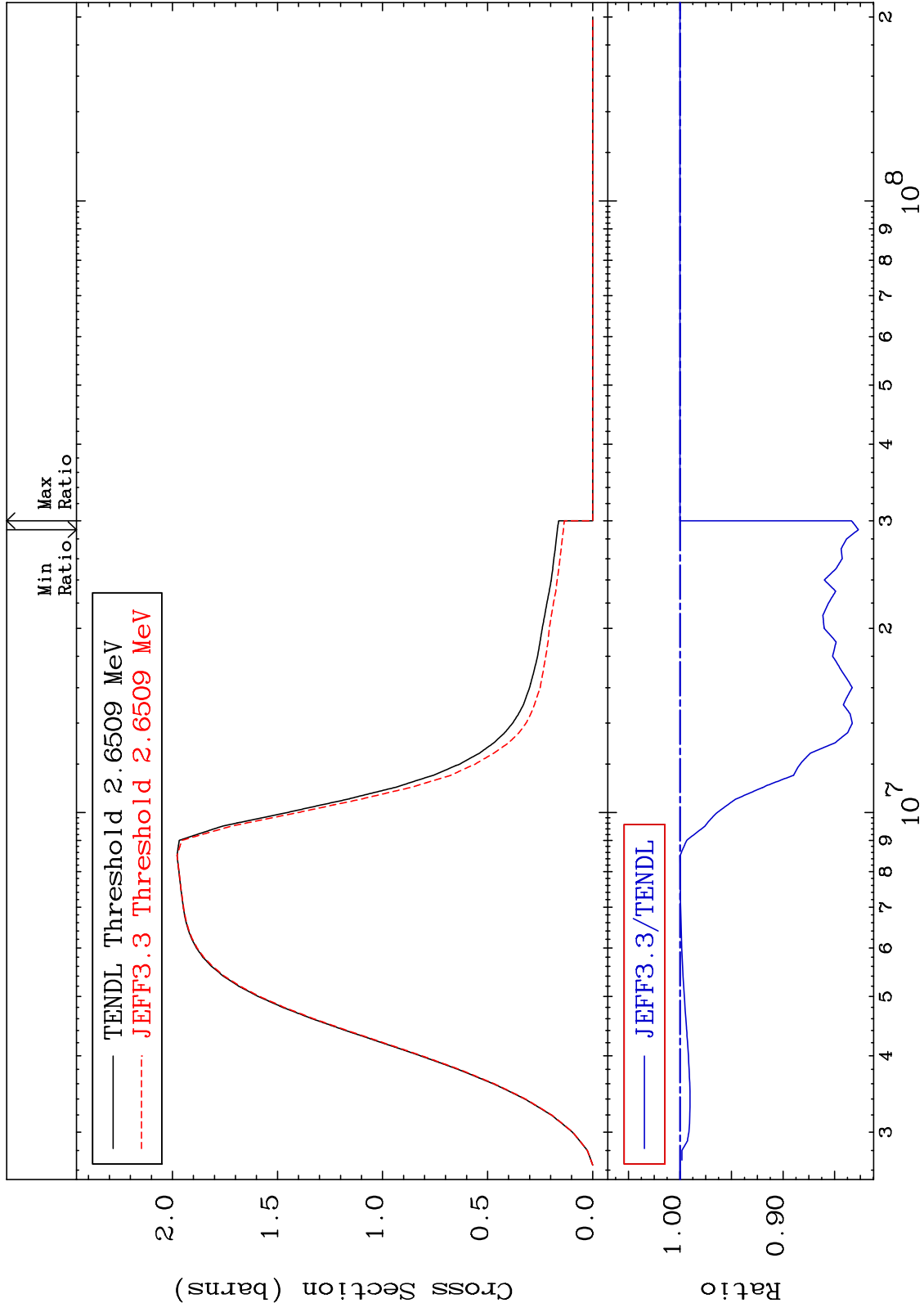
Incident Energy (eV)

52-Te-128

MAT 5249

(n, n') Continuum
Cross Section

52-Te-128
-17.32 To 0.000 %



48

Incident Energy (eV)

52-Te-128

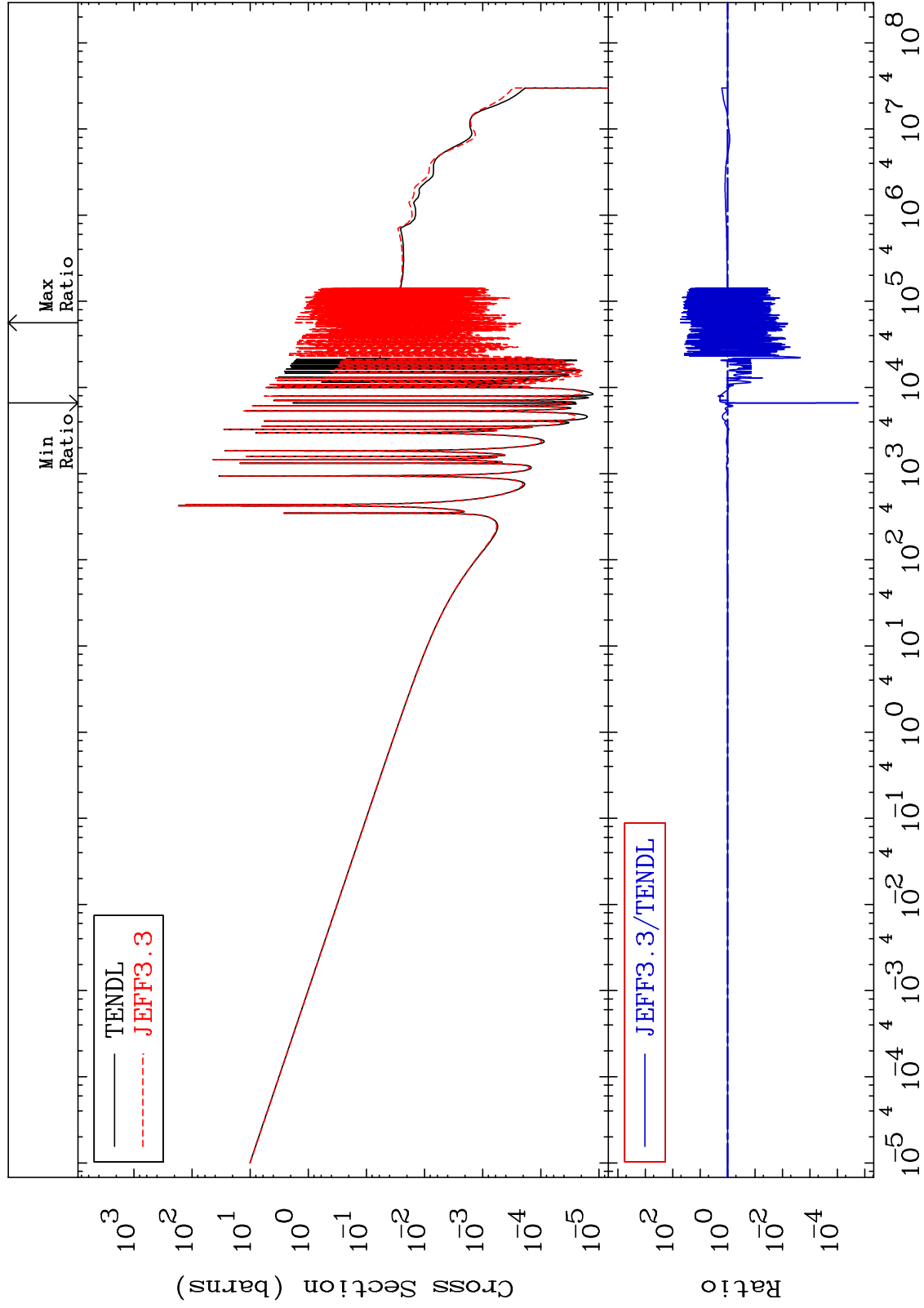
MAT 5249

(n, γ)

52-Te-128

Cross Section

-100.0 To 5151. %



49

Incident Energy (eV)

52-Te-128

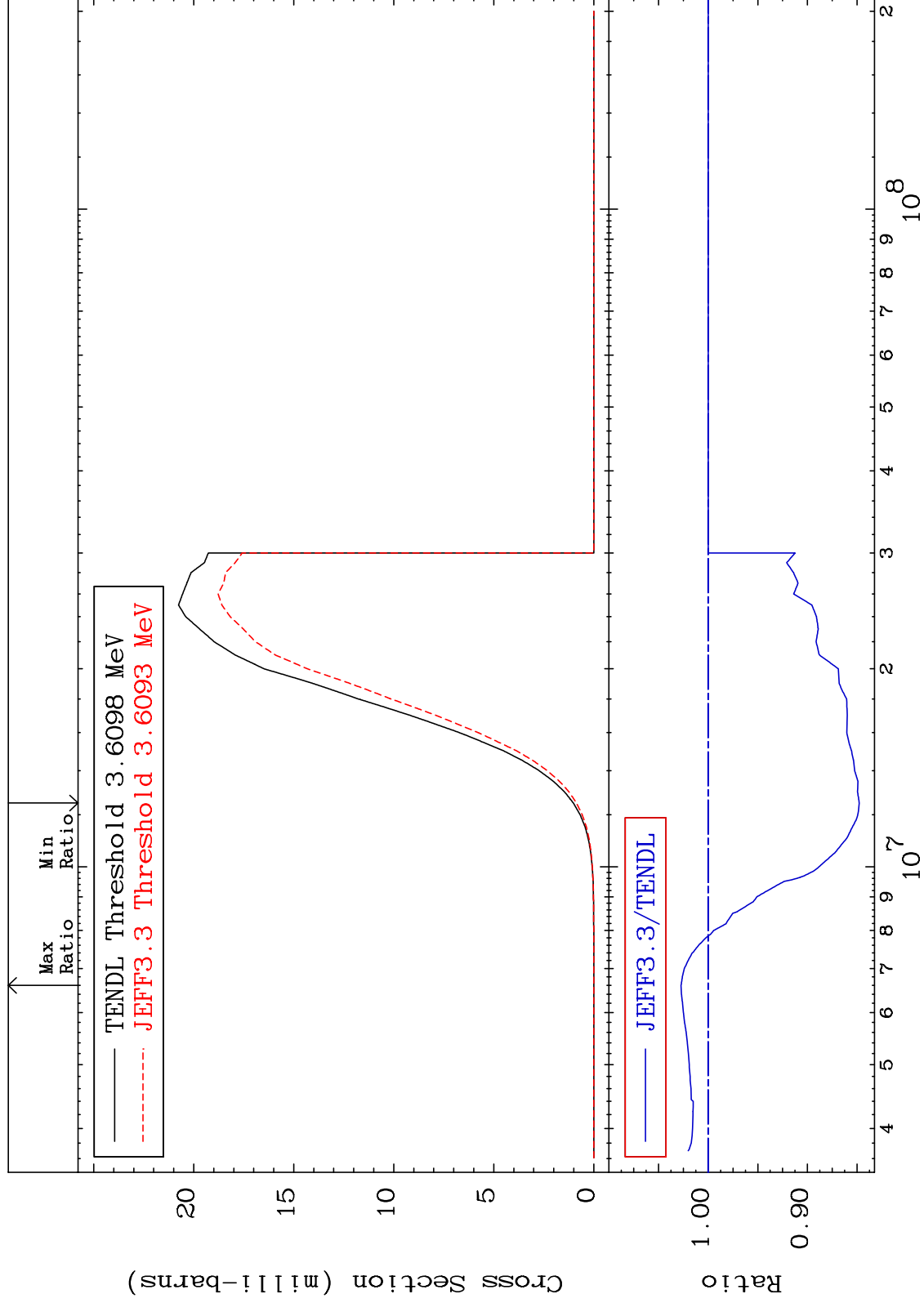
MAT 5249

(n, p)

52-Te-128

Cross Section

-15.22 To 2.733 %



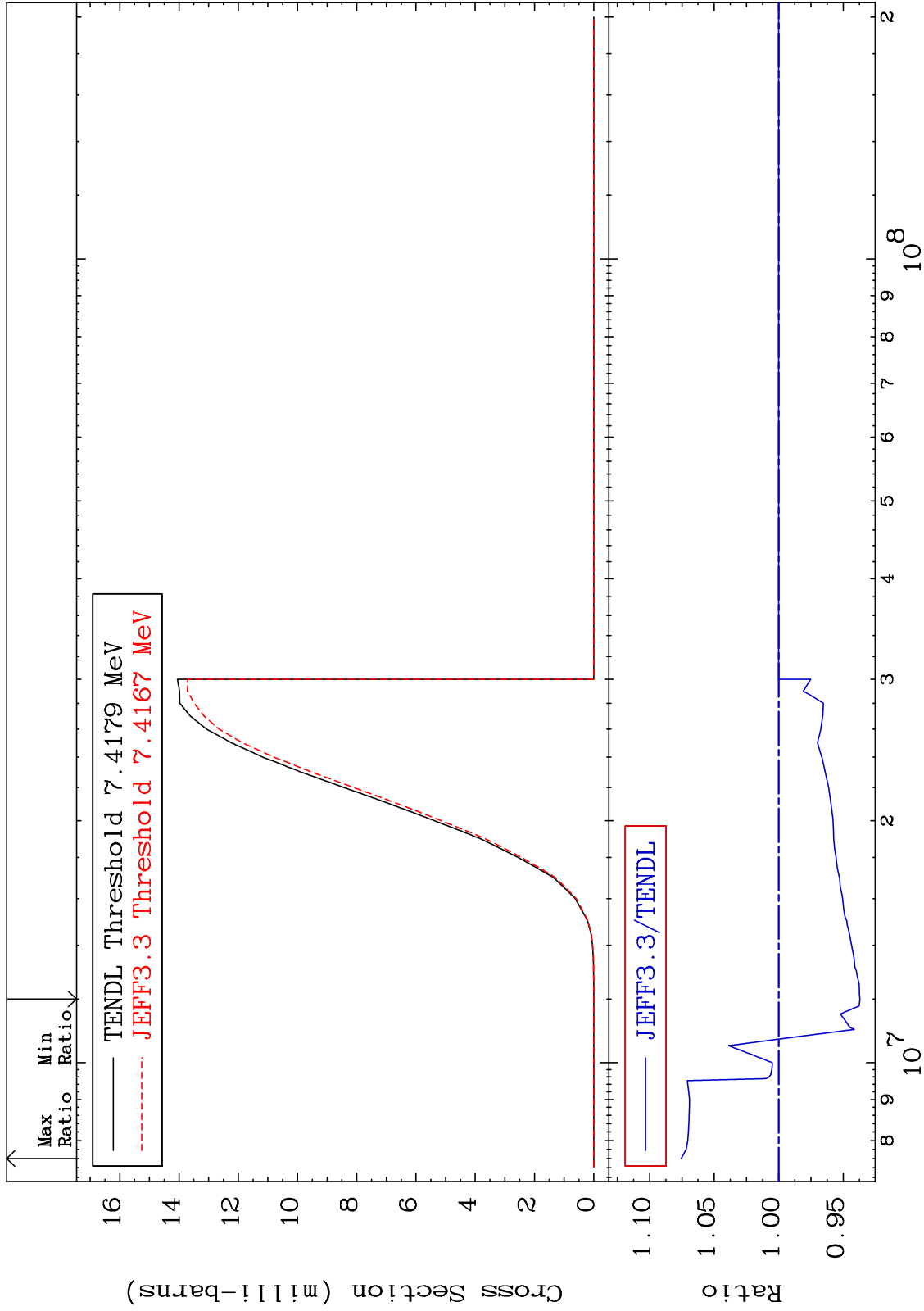
MAT 5249

(n, d)

52-Te-128

Cross Section

-6.296 To 7.557 %



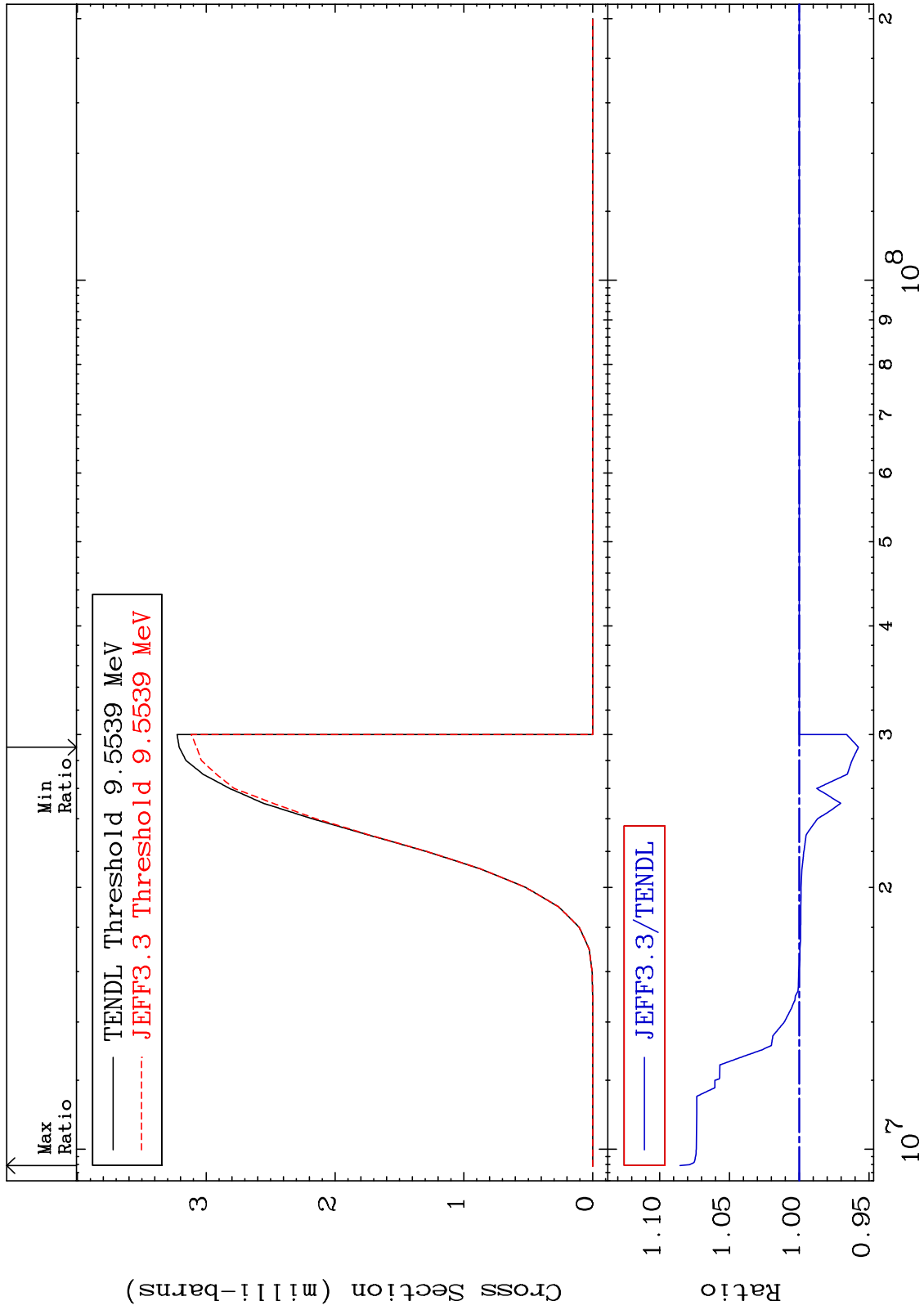
MAT 5249

(n, t)

52-Te-128

Cross Section

-4.240 To 8.541 %



52

Incident Energy (eV)

52-Te-128

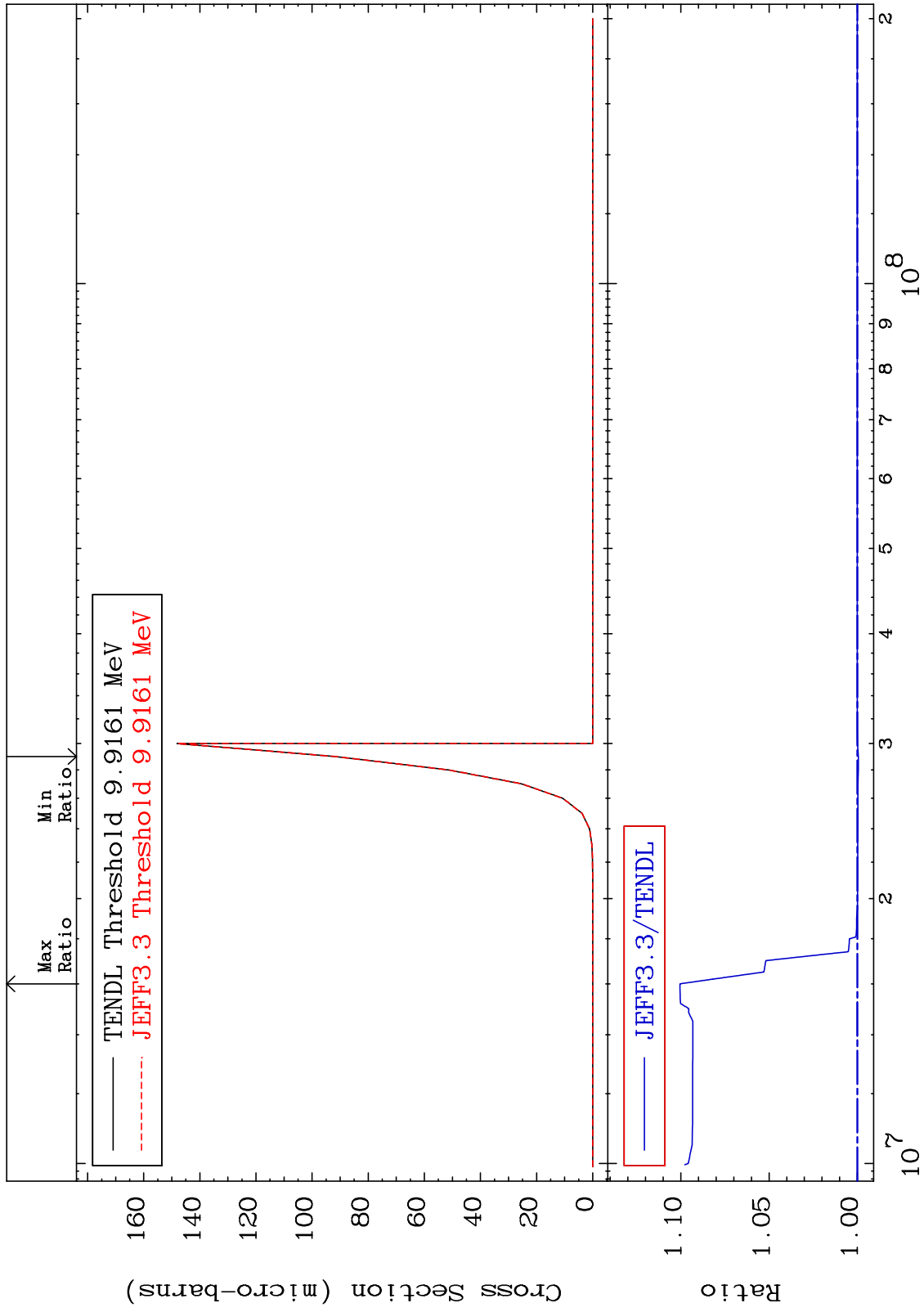
MAT 5249

(n, He-3)

52-Te-128

Cross Section

-0.060 To 10.04 %



53

Incident Energy (eV)

52-Te-128

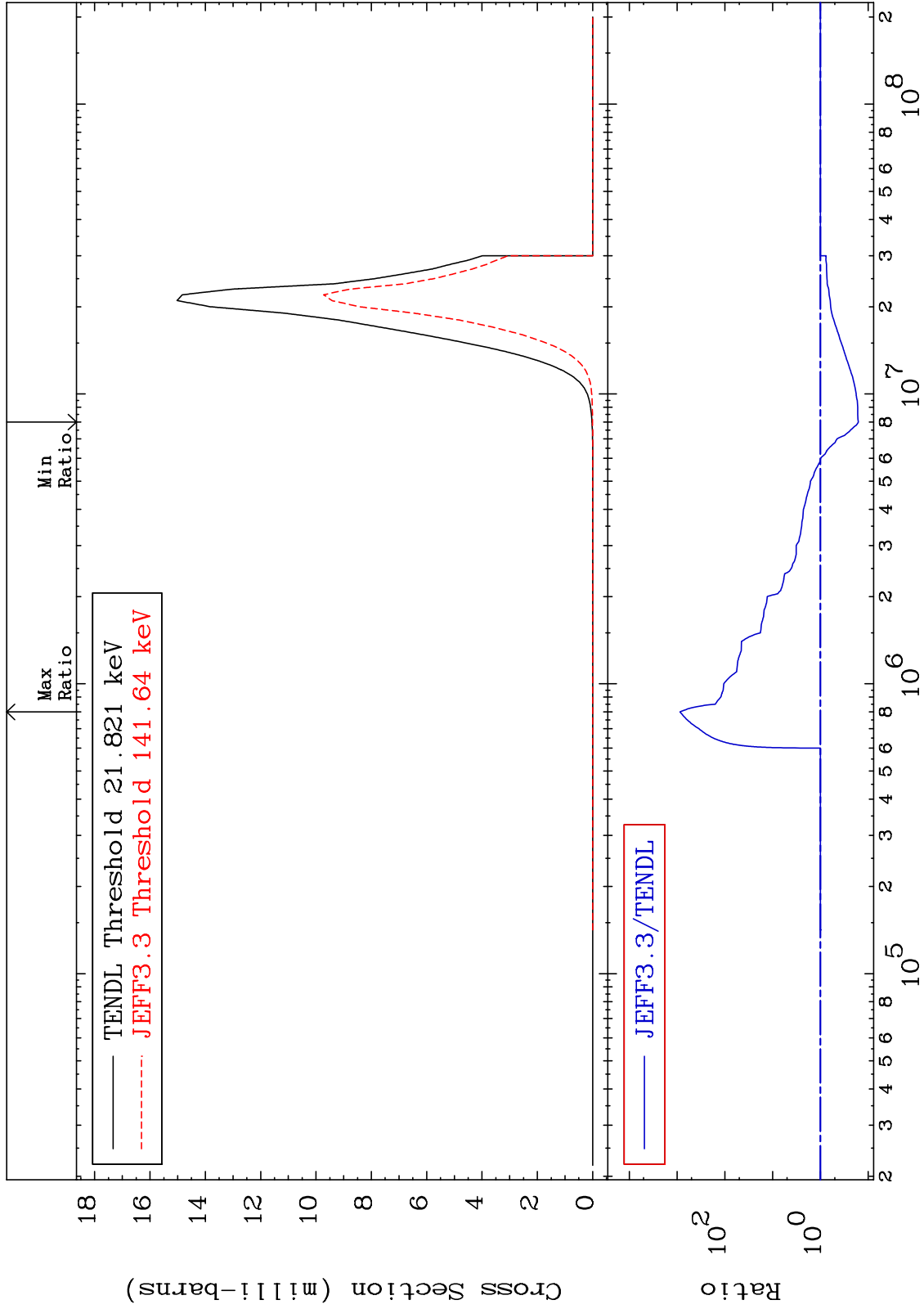
MAT 5249

52-Te-128

-83.91 To 9999. %

(n, α)

Cross Section



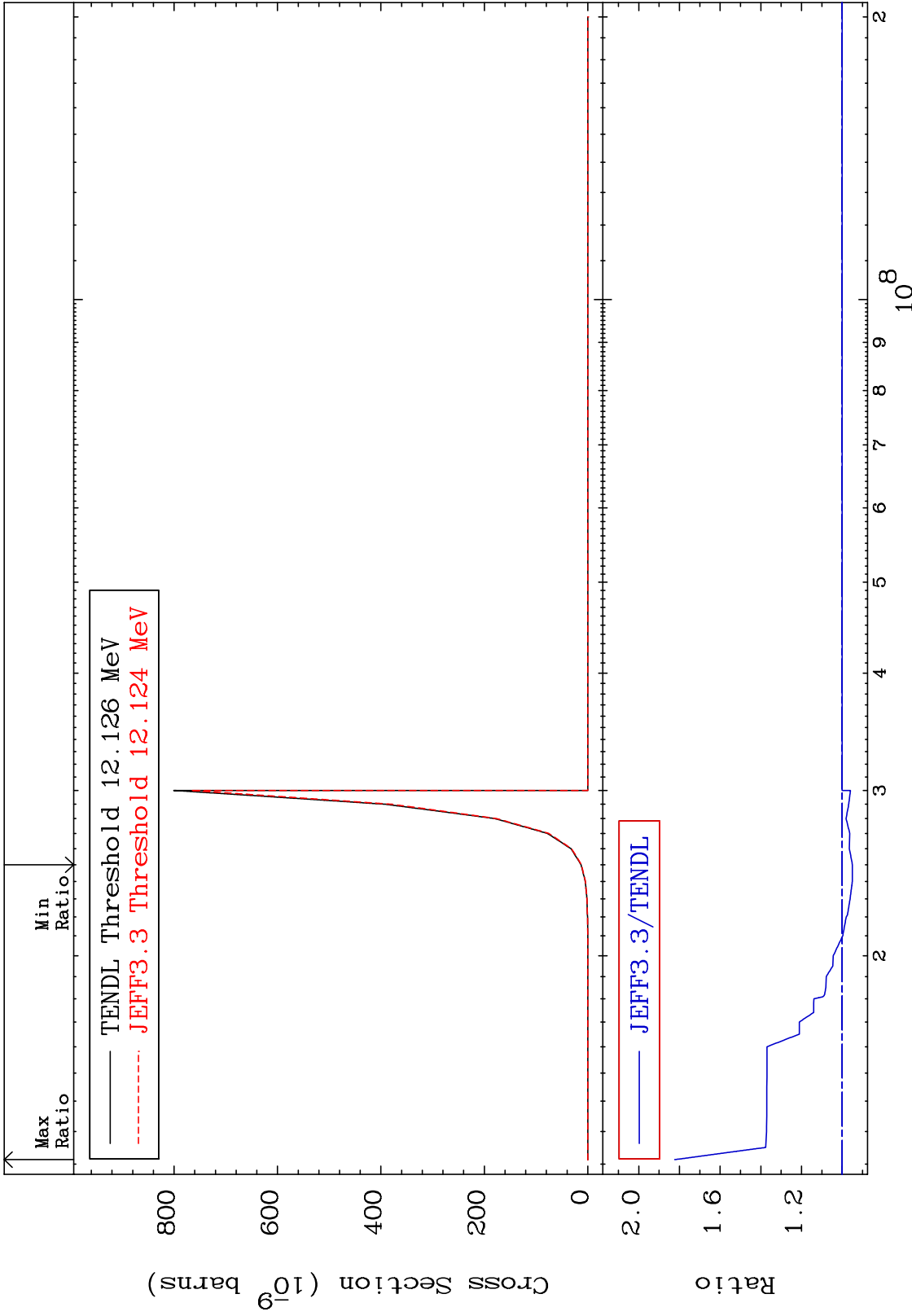
MAT 5249

(n,2p)

52-Te-128

Cross Section

-5.012 To 82.32 %



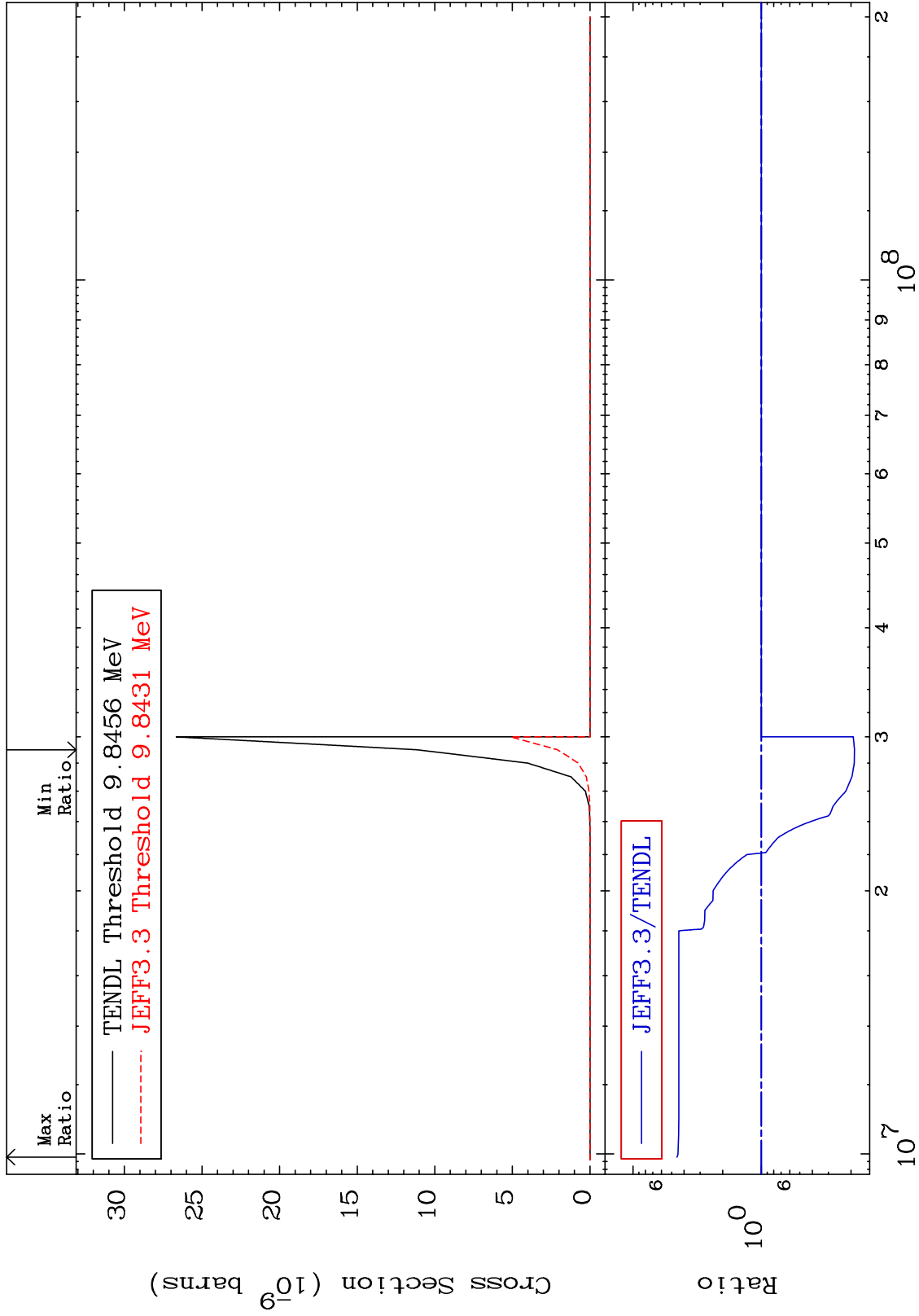
MAT 5249

(n,p) α

52-Te-128

Cross Section

-81.26 To 354.4 %



56

Incident Energy (eV)

52-Te-128

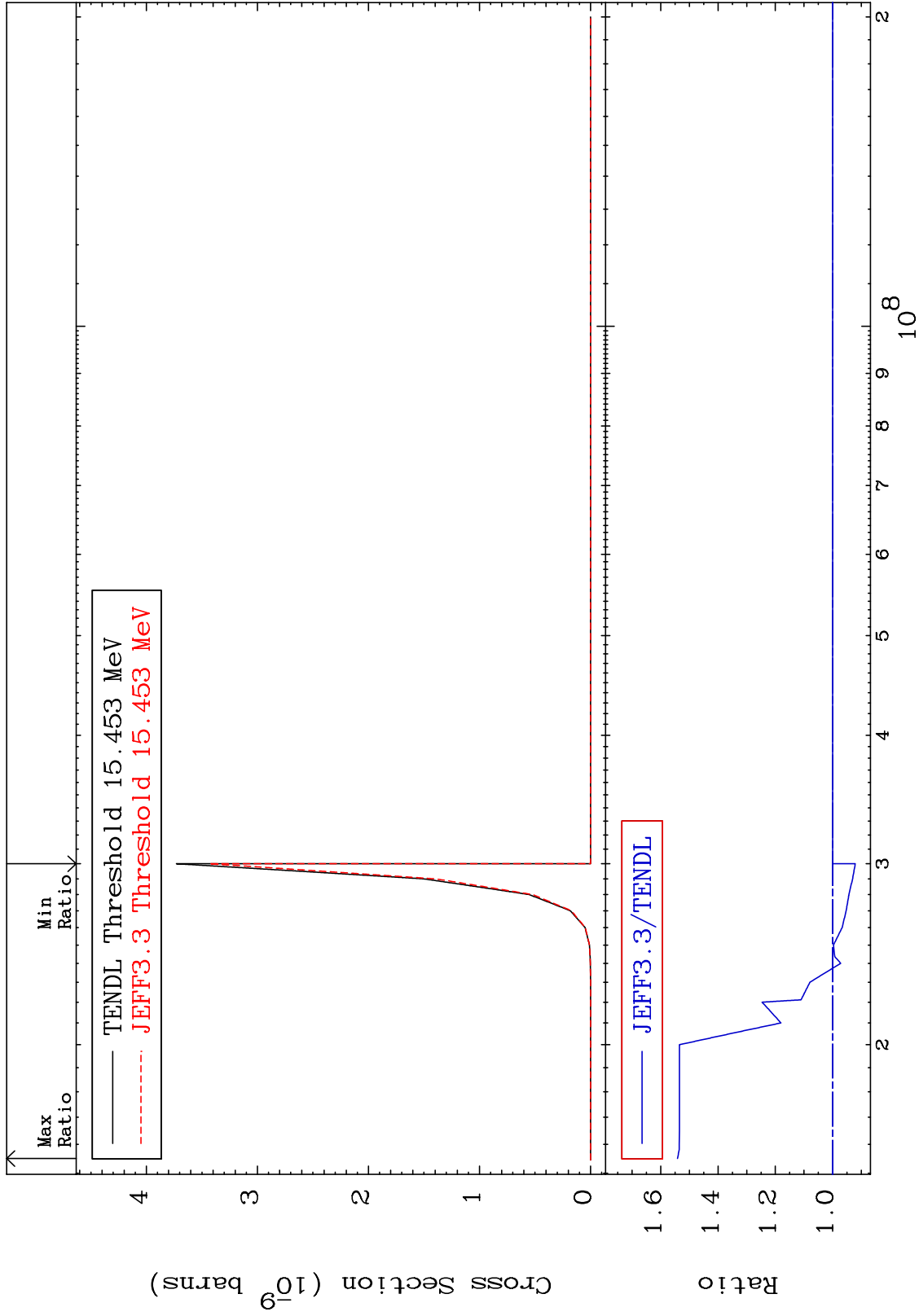
MAT 5249

(n,p) d

52-Te-128

Cross Section

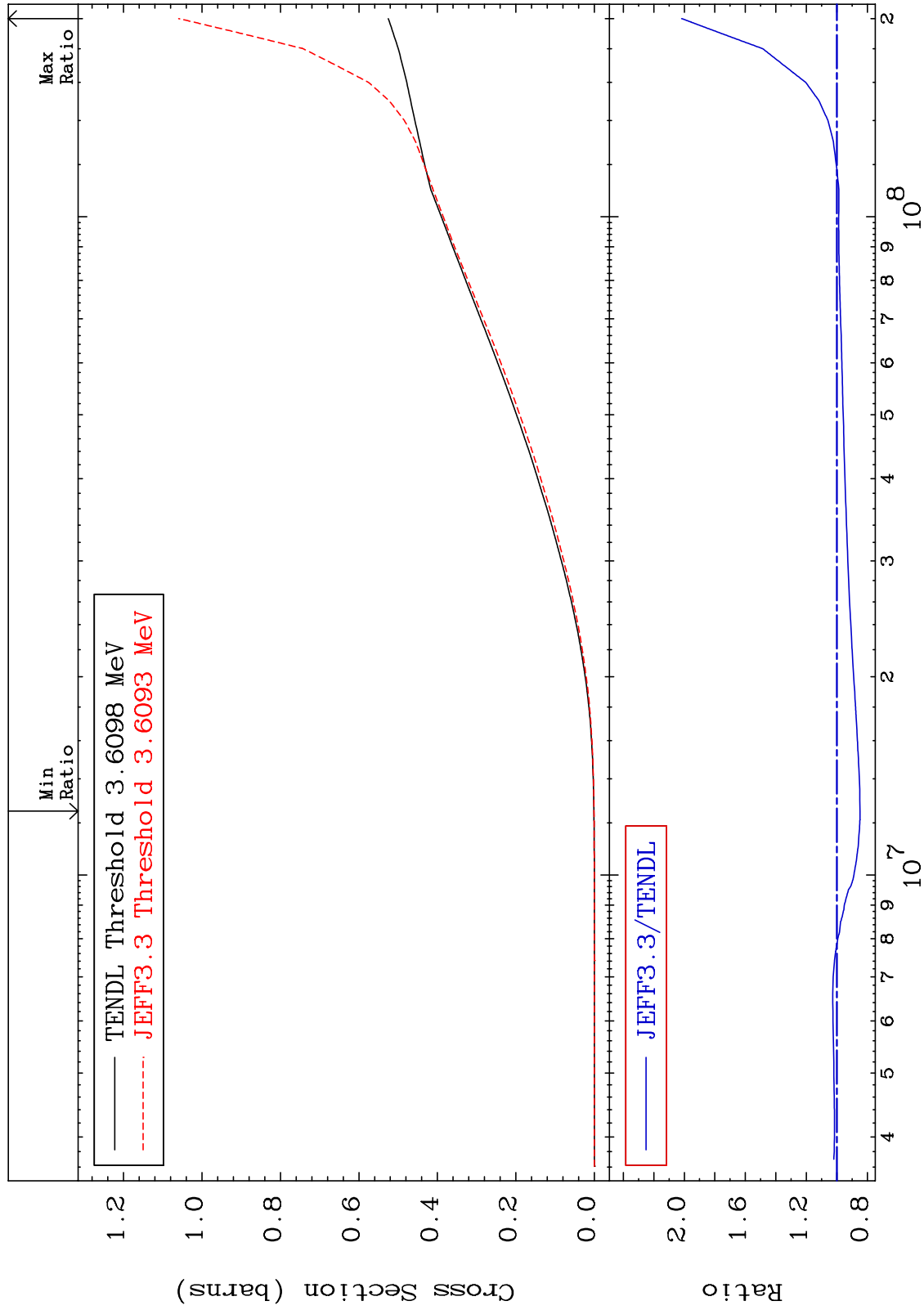
-7.891 To 54.14 %



MAT 5249

Hydrogen Production
Cross Section

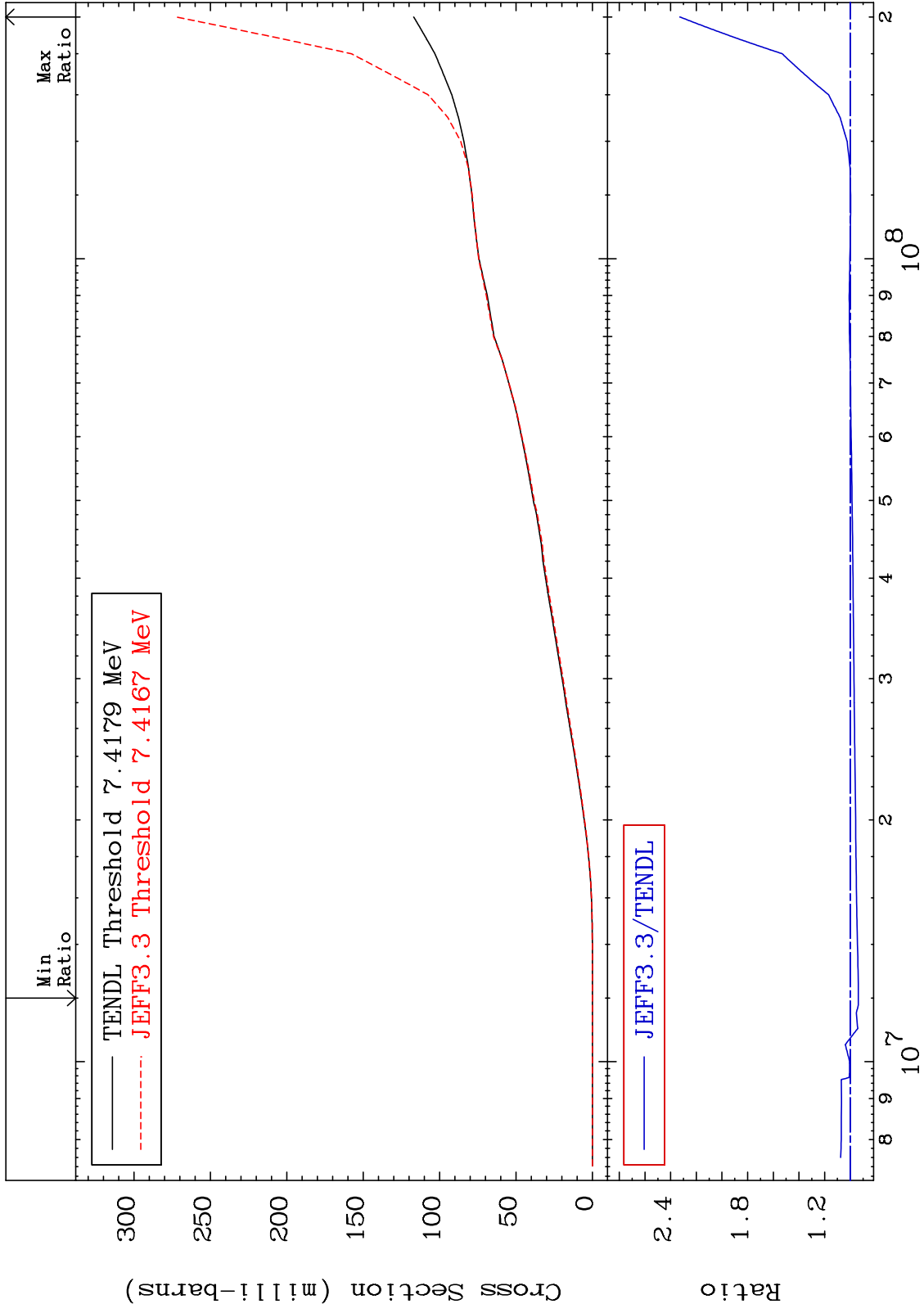
52-Te-128
-15.22 To 101.7 %



MAT 5249

Deuterium Production
Cross Section

52-Te-128
-6.296 To 132.9 %



59

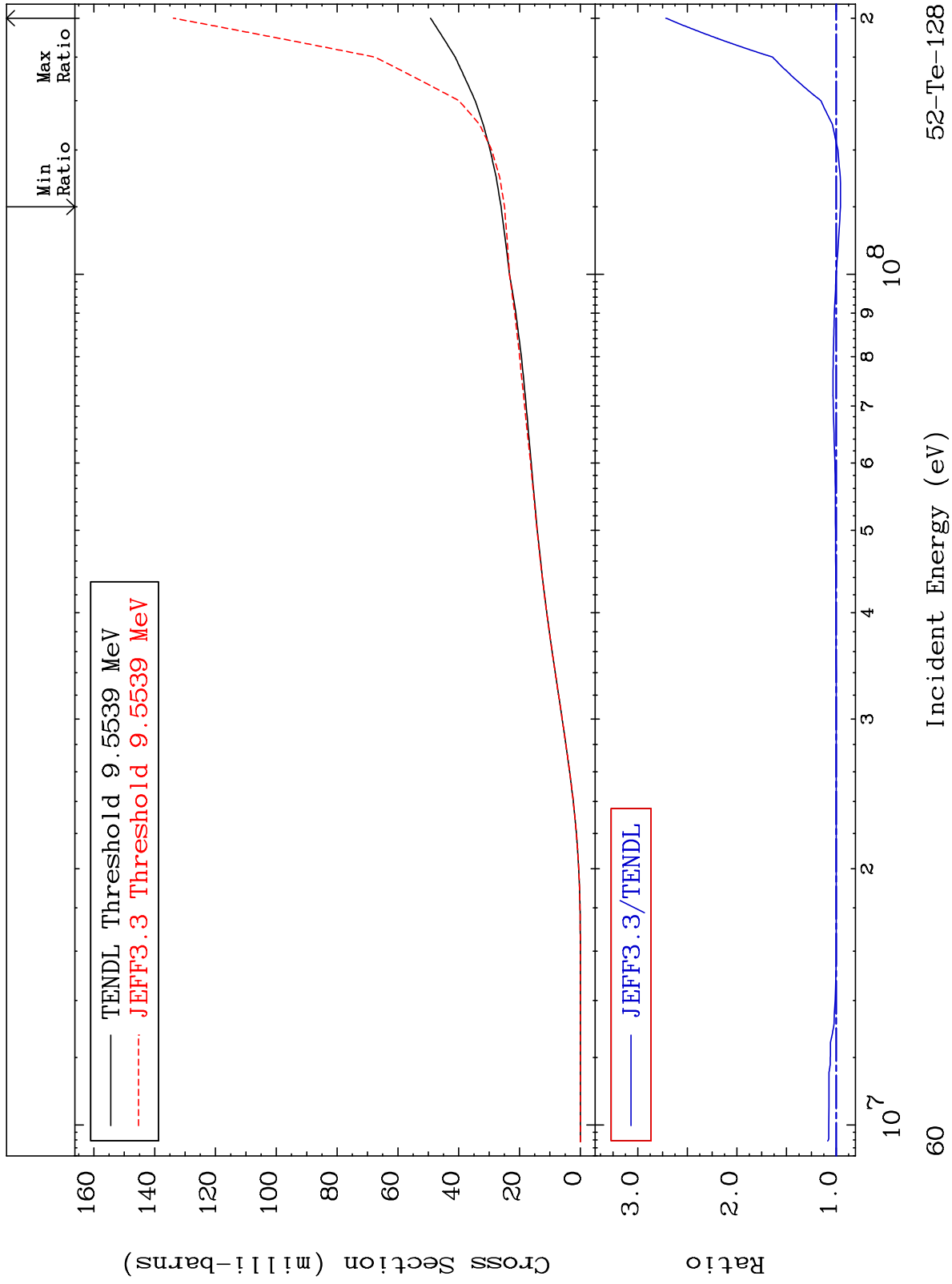
Incident Energy (eV)

52-Te-128

MAT 5249

Tritium Production
Cross Section

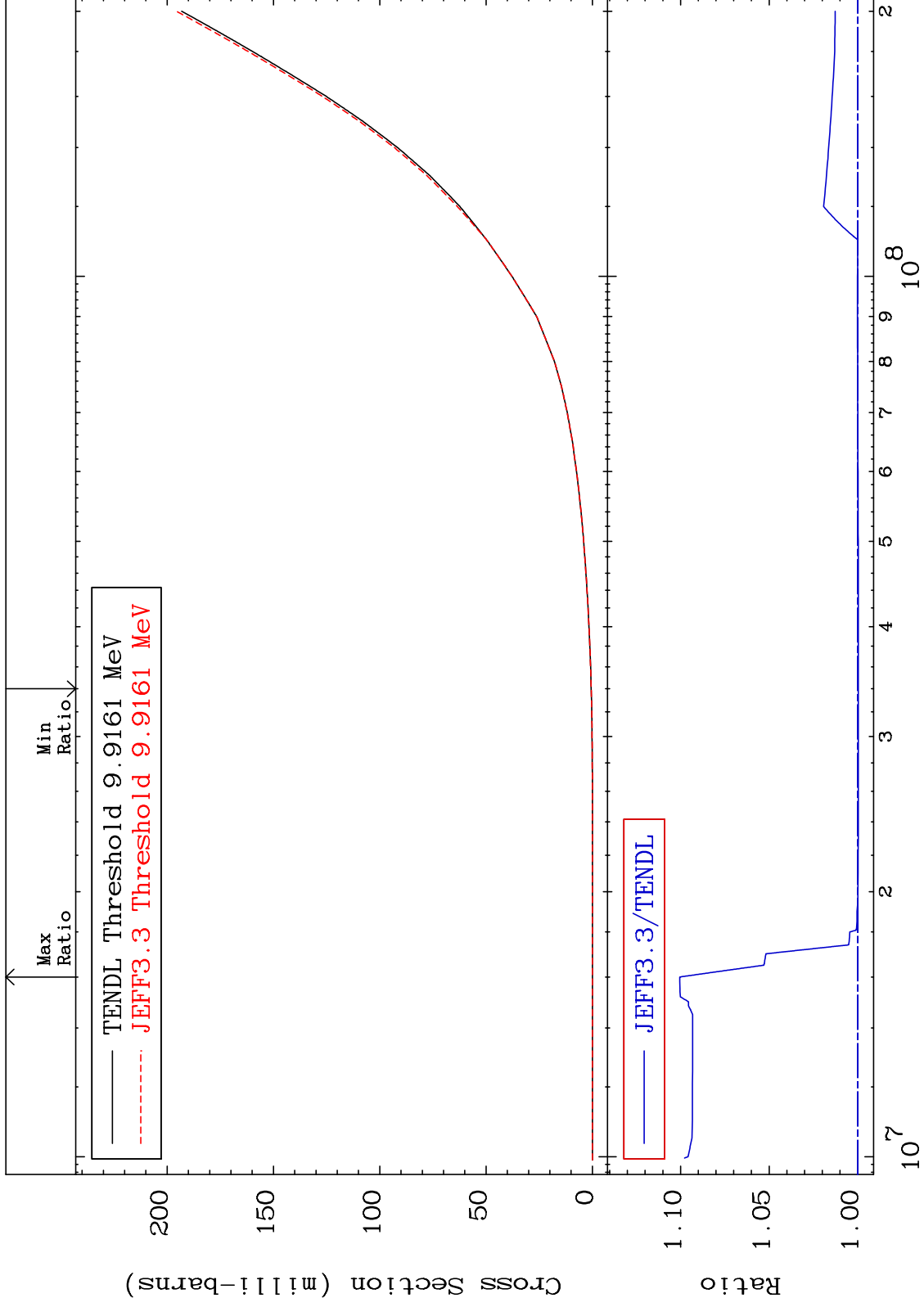
52-Te-128
-4.399 To 171.7 %



MAT 5249

He-3 Production
Cross Section

52-Te-128
-0.034 To 10.04 %



61

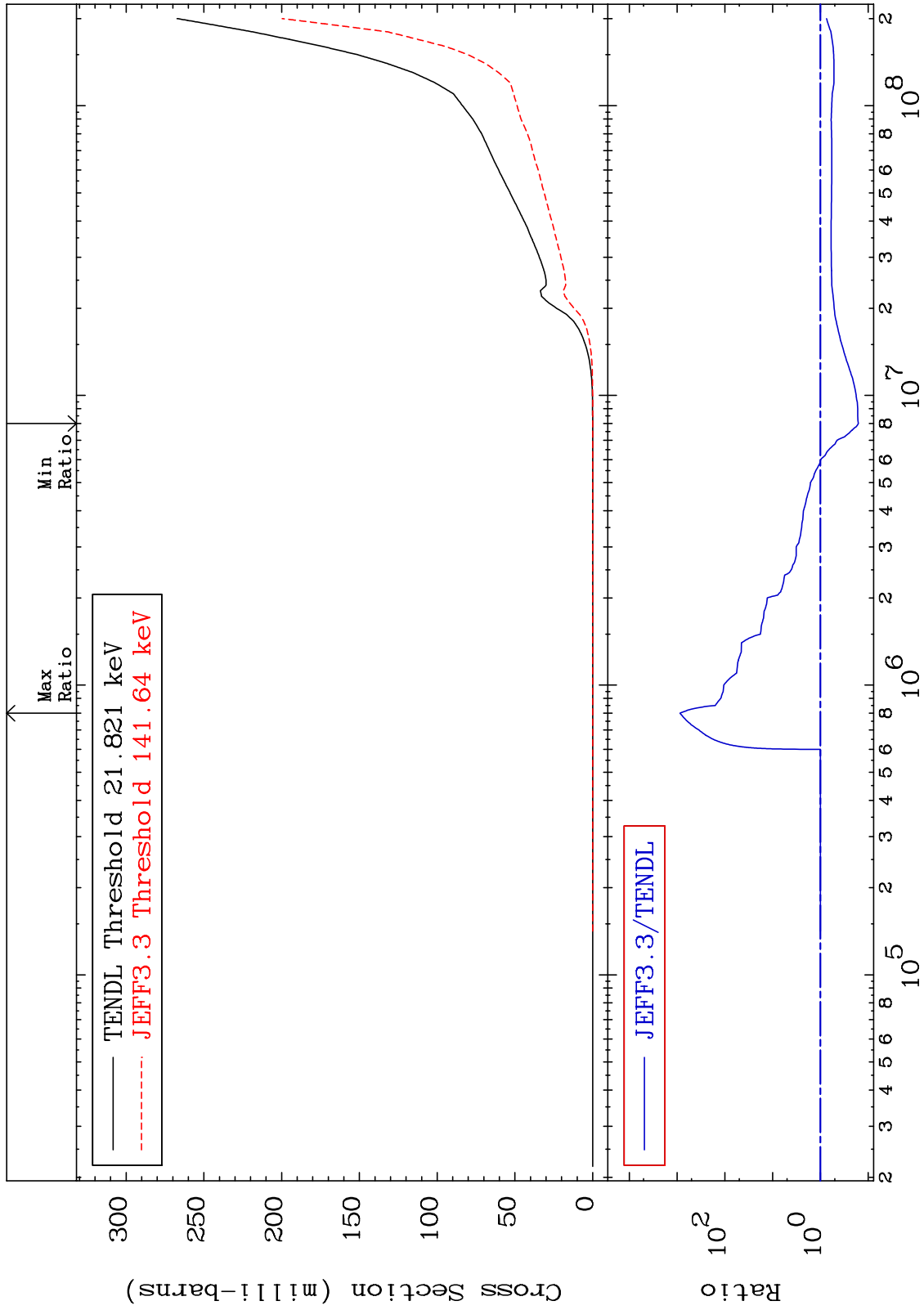
Incident Energy (eV)

52-Te-128

MAT 5249

He-4 Production
Cross Section

52-Te-128
-83.91 To 9999. %



62

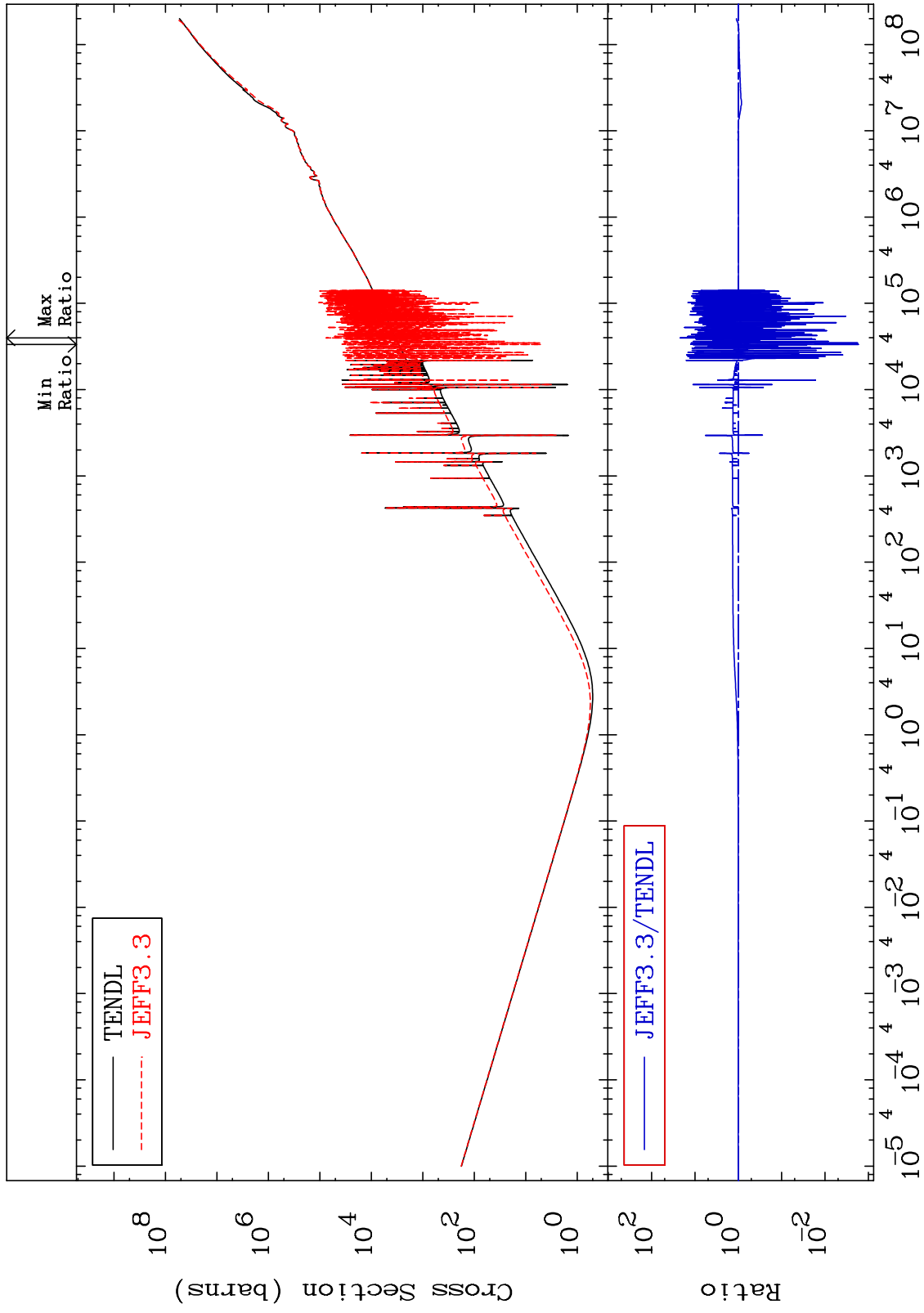
Incident Energy (eV)

52-Te-128

MAT 5249

Kerma total (eV-barns)
Cross Section

52-Te-128
-99.83 To 2113. %



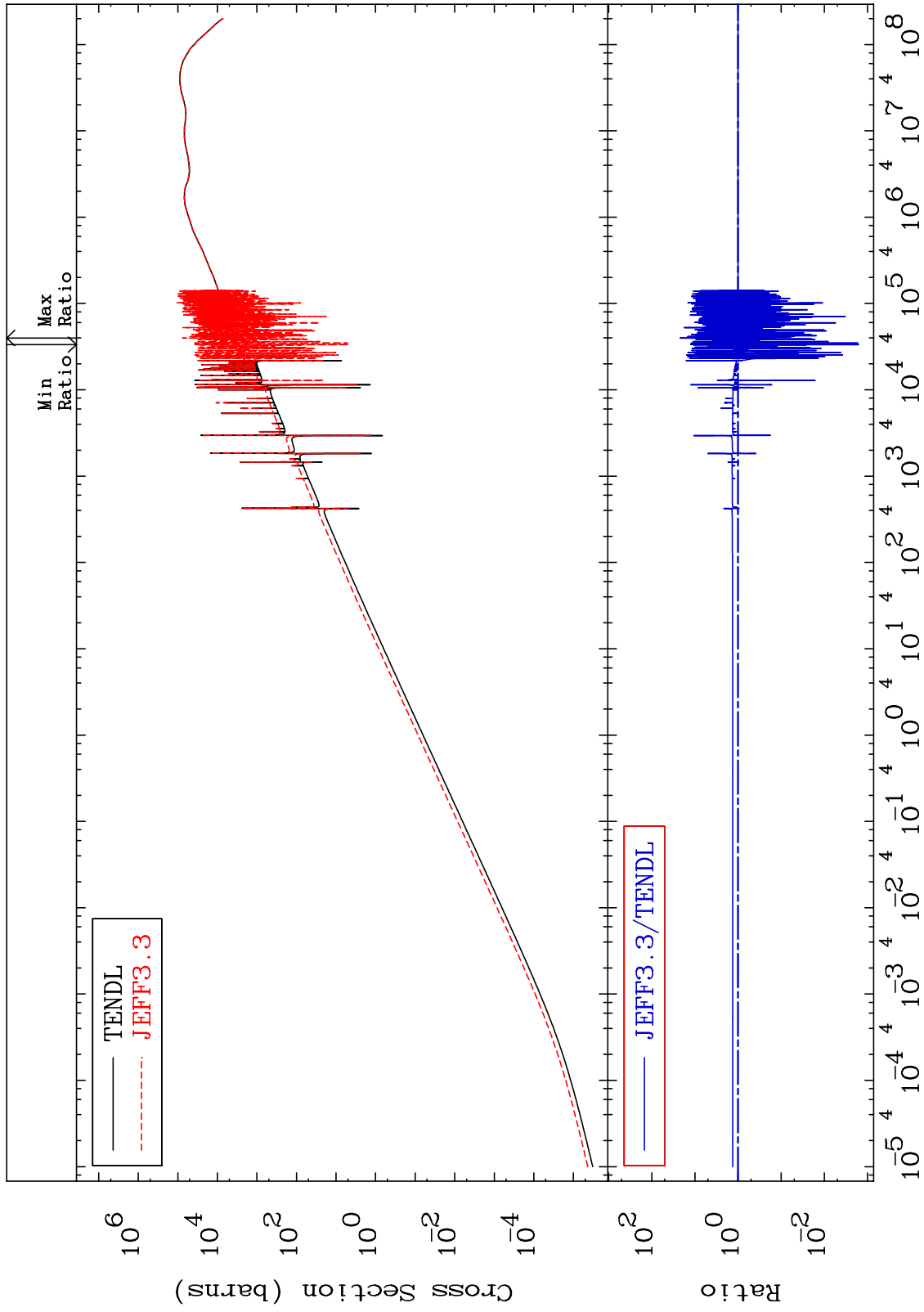
— TENDL
- - - JEFF3.3

— JEFF3.3/TENDL

MAT 5249

Kerma elastic
Cross Section

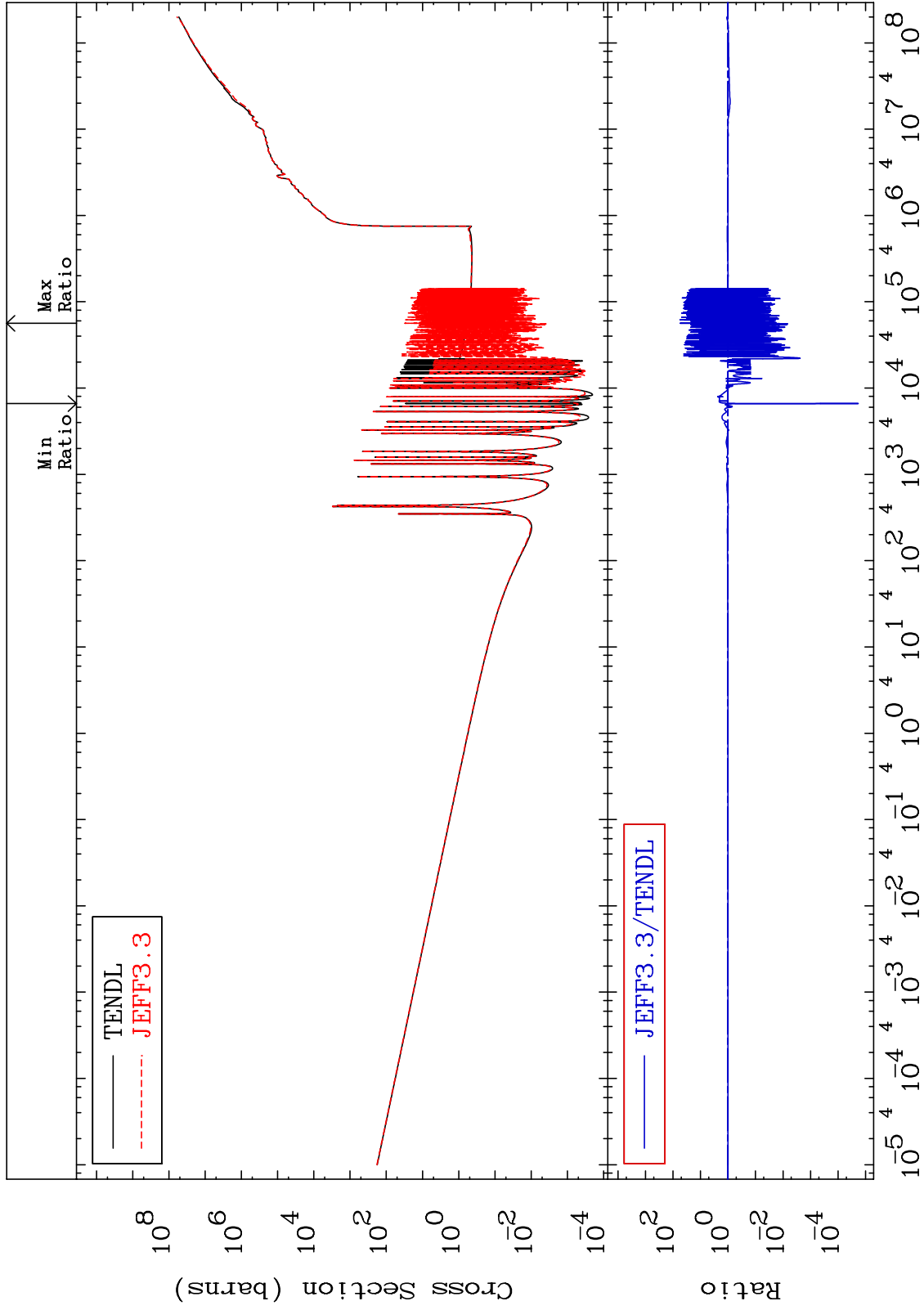
52-Te-128
-99.84 To 2113. %



MAT 5249

Kerma non-elastic (all but mt2)
Cross Section

52-Te-128
-100.0 To 5457. %



65

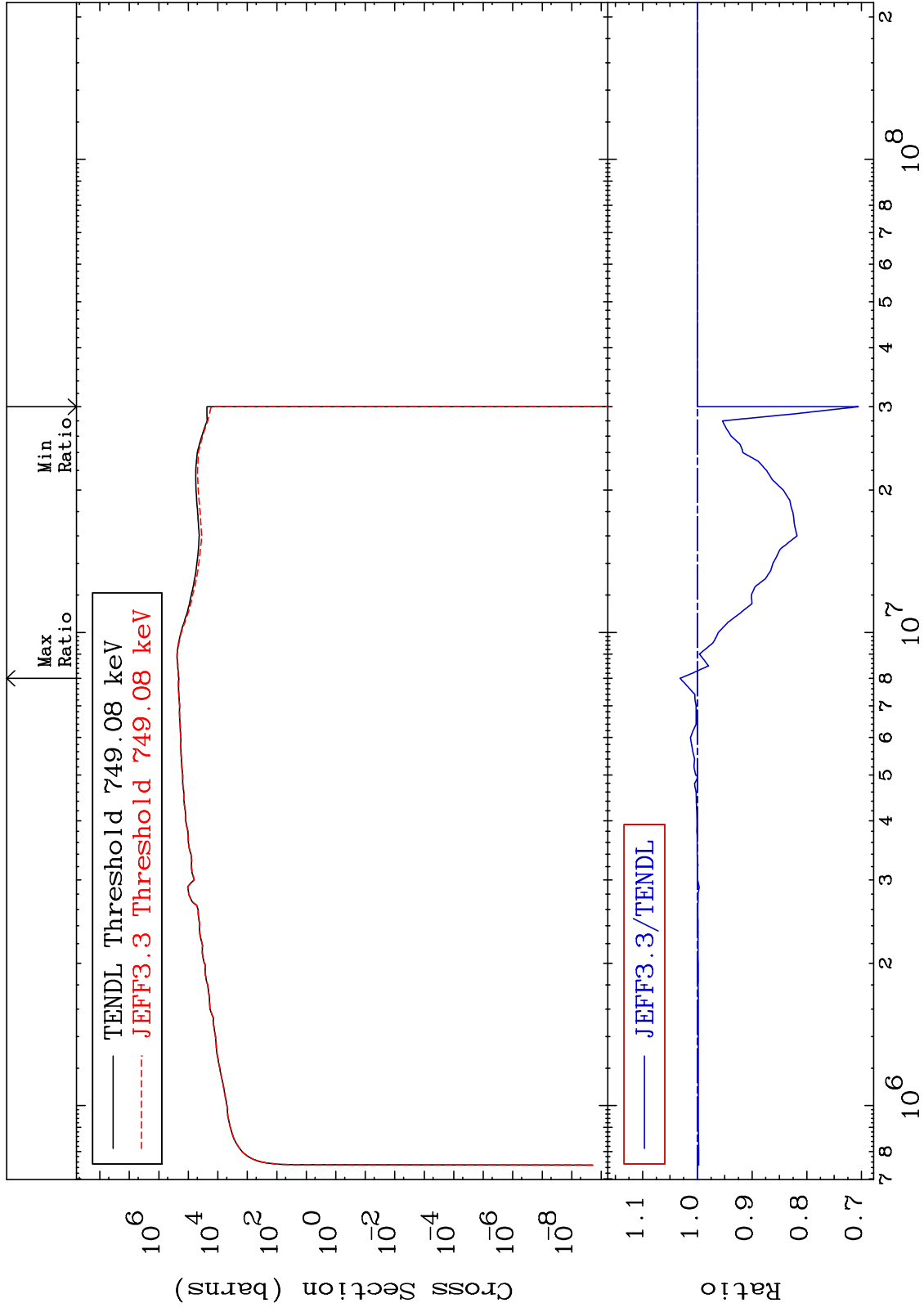
Incident Energy (eV)

52-Te-128

MAT 5249

Kerma inelastic (mt51-91)
Cross Section

52-Te-128
-29.44 To 3.170 %



66

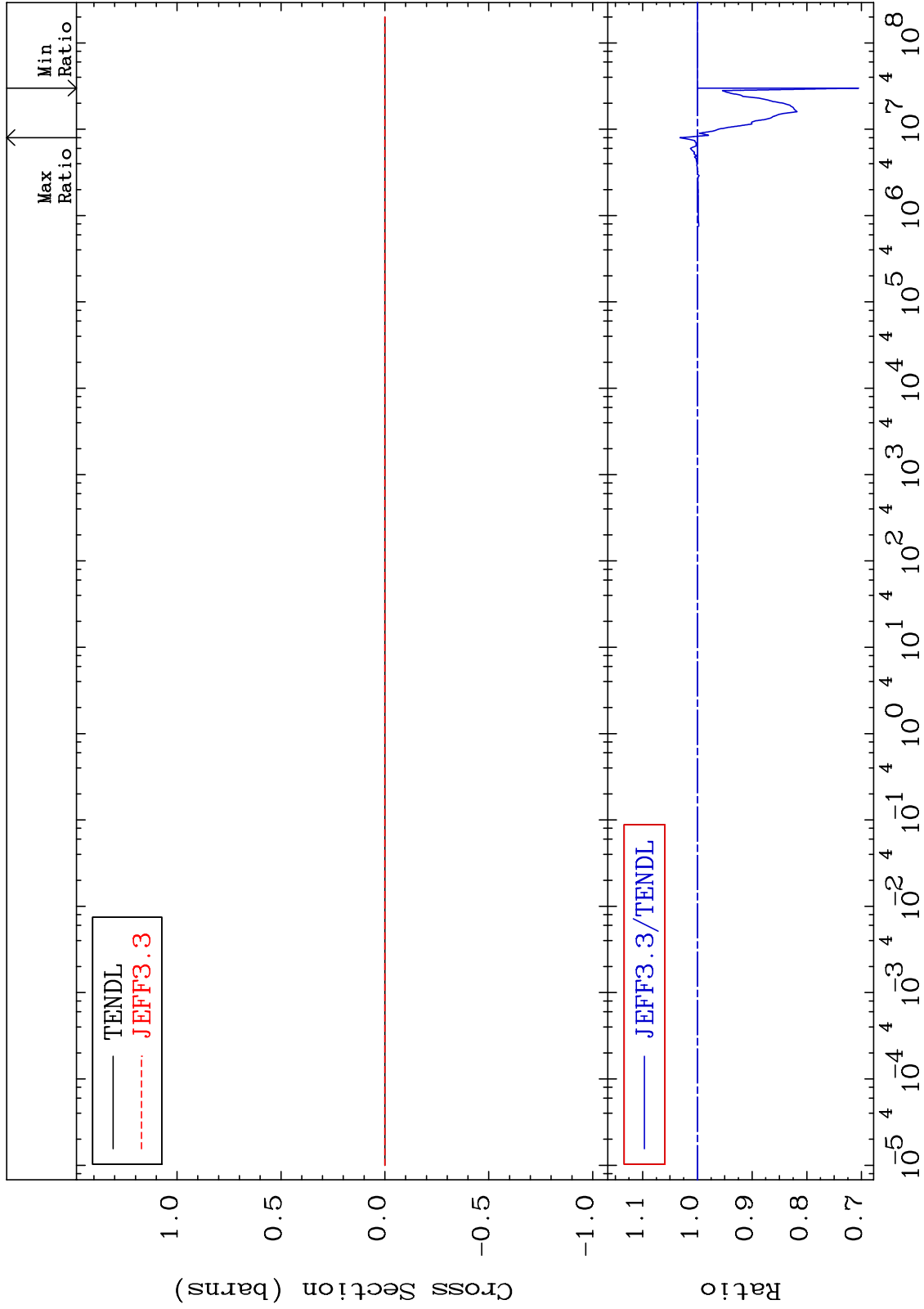
Incident Energy (eV)

52-Te-128

MAT 5249

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

52-Te-128
-29.44 To 3.170 %



67

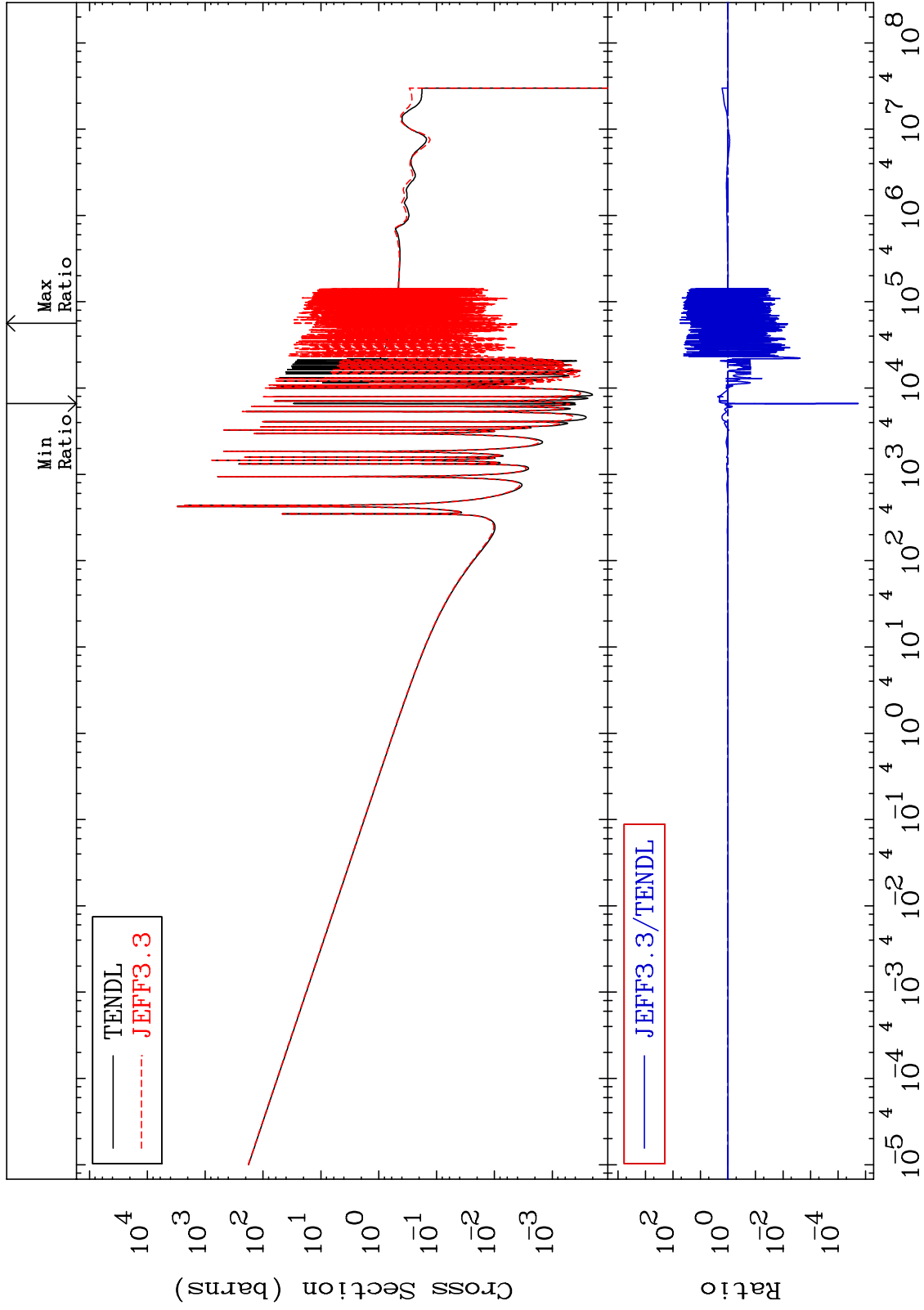
Incident Energy (eV)

52-Te-128

MAT 5249

Kerma capture (mt102)
Cross Section

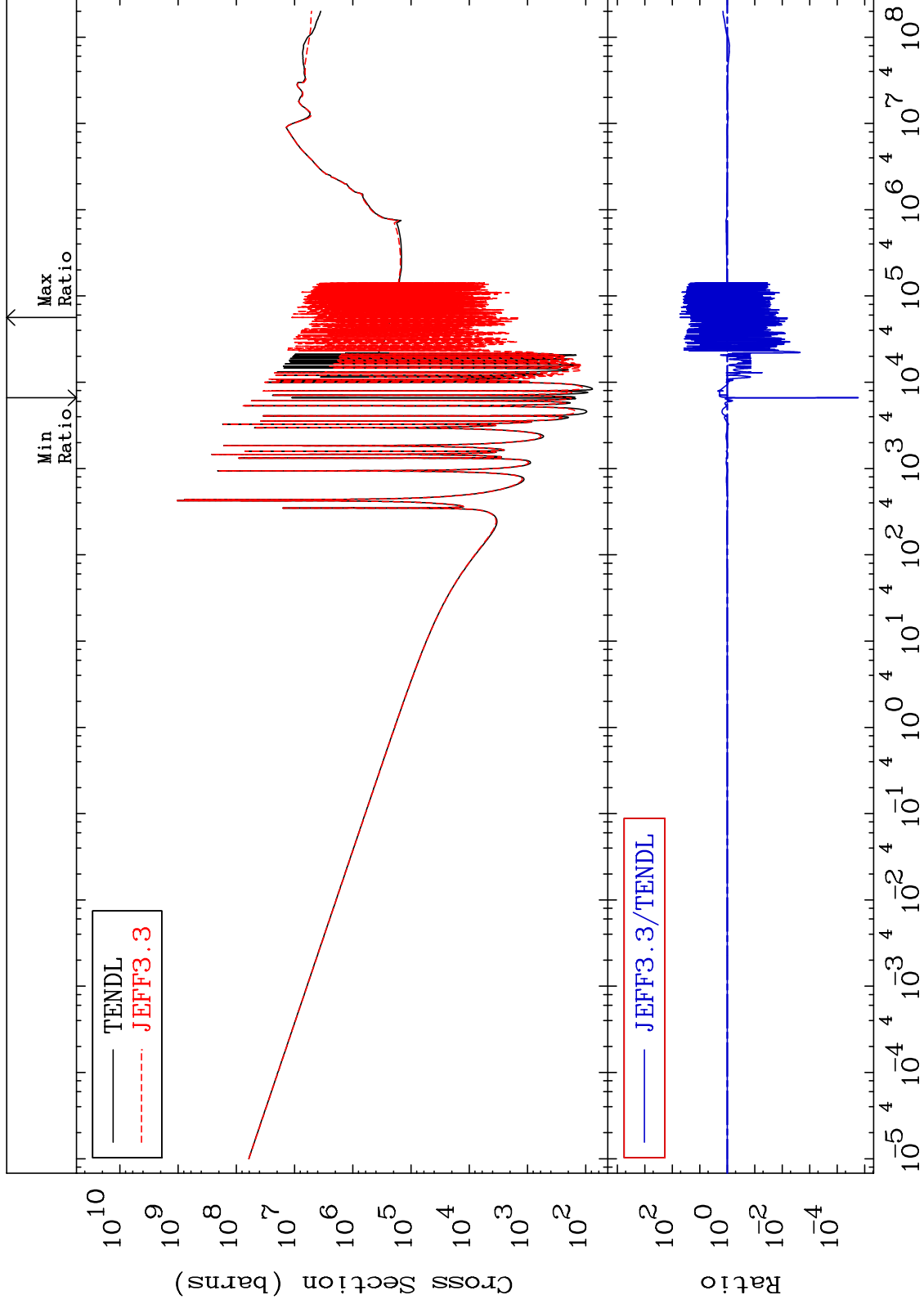
52-Te-128
-100.0 To 5457. %



MAT 5249

Total photon (eV-barns)
Cross Section

52-Te-128
-100.0 To 5151. %



69

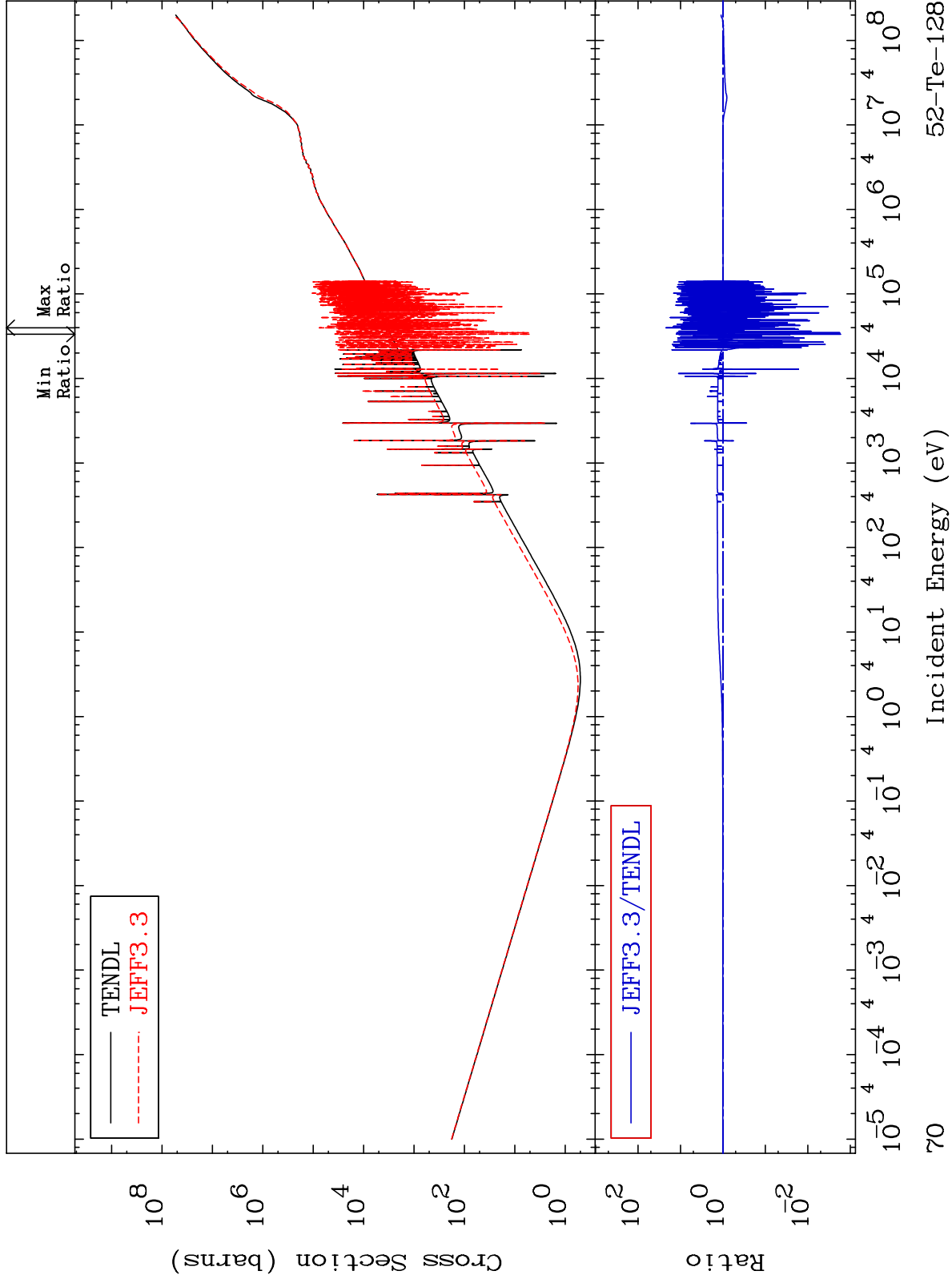
Incident Energy (eV)

52-Te-128

MAT 5249

Total kinematic kerma (high limit)
Cross Section

52-Te-128
-99.83 To 2113. %



70

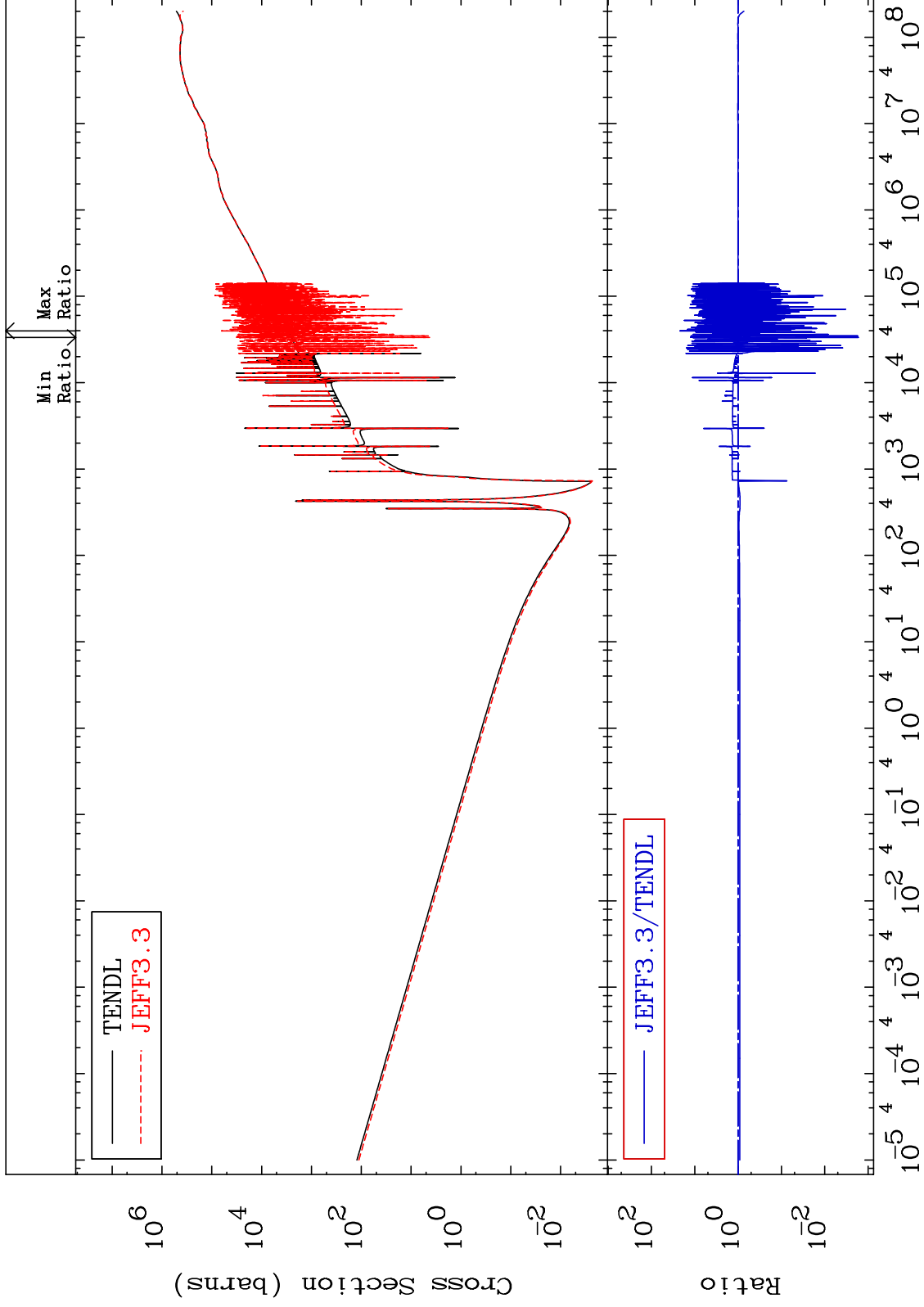
Incident Energy (eV)

52-Te-128

MAT 5249

Dpa total (eV-barns)
Cross Section

52-Te-128
-99.83 To 2112. %



71

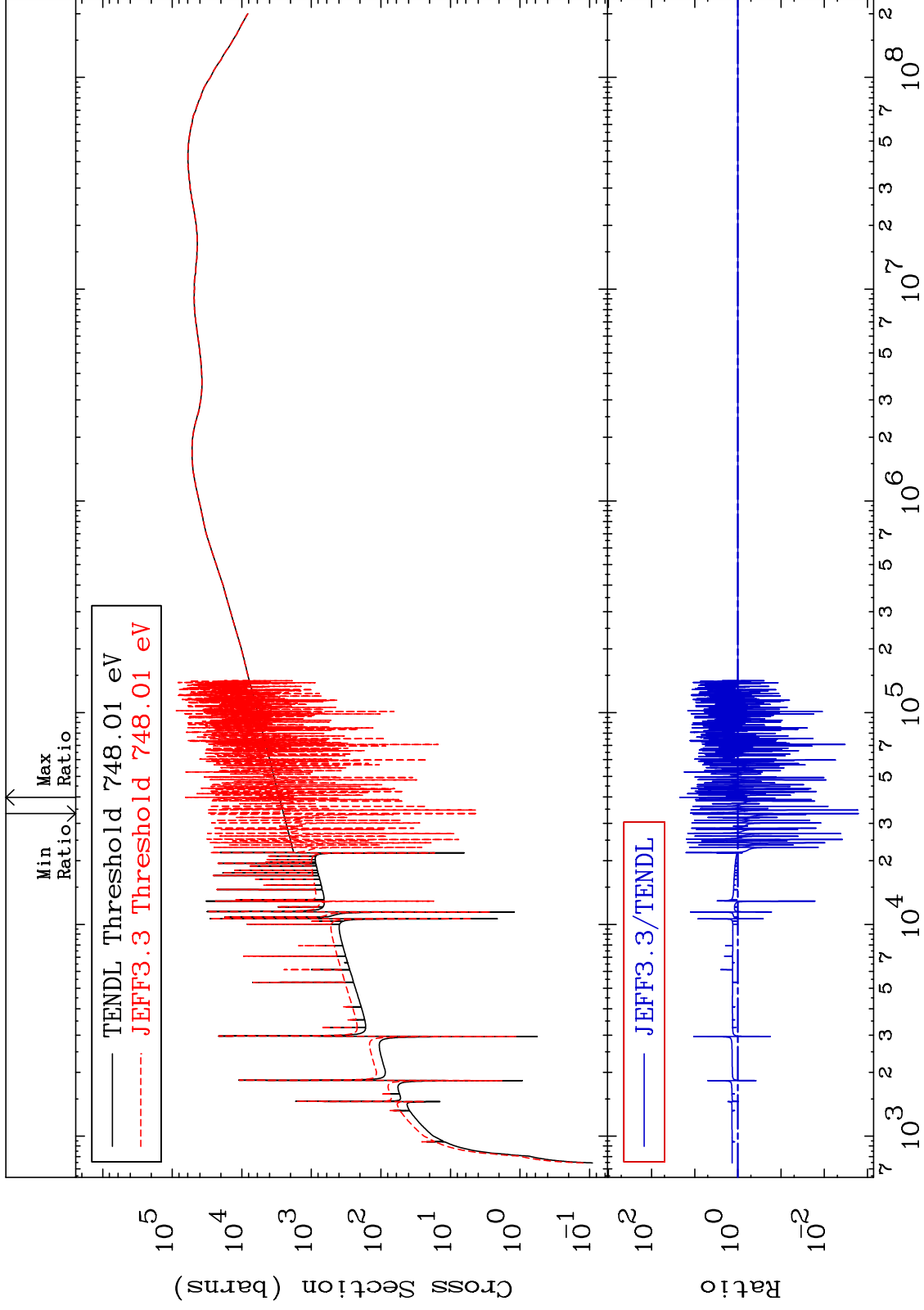
Incident Energy (eV)

52-Te-128

MAT 5249

Dpa elastic (mt2)
Cross Section

52-Te-128
-99.84 To 2113. %



72

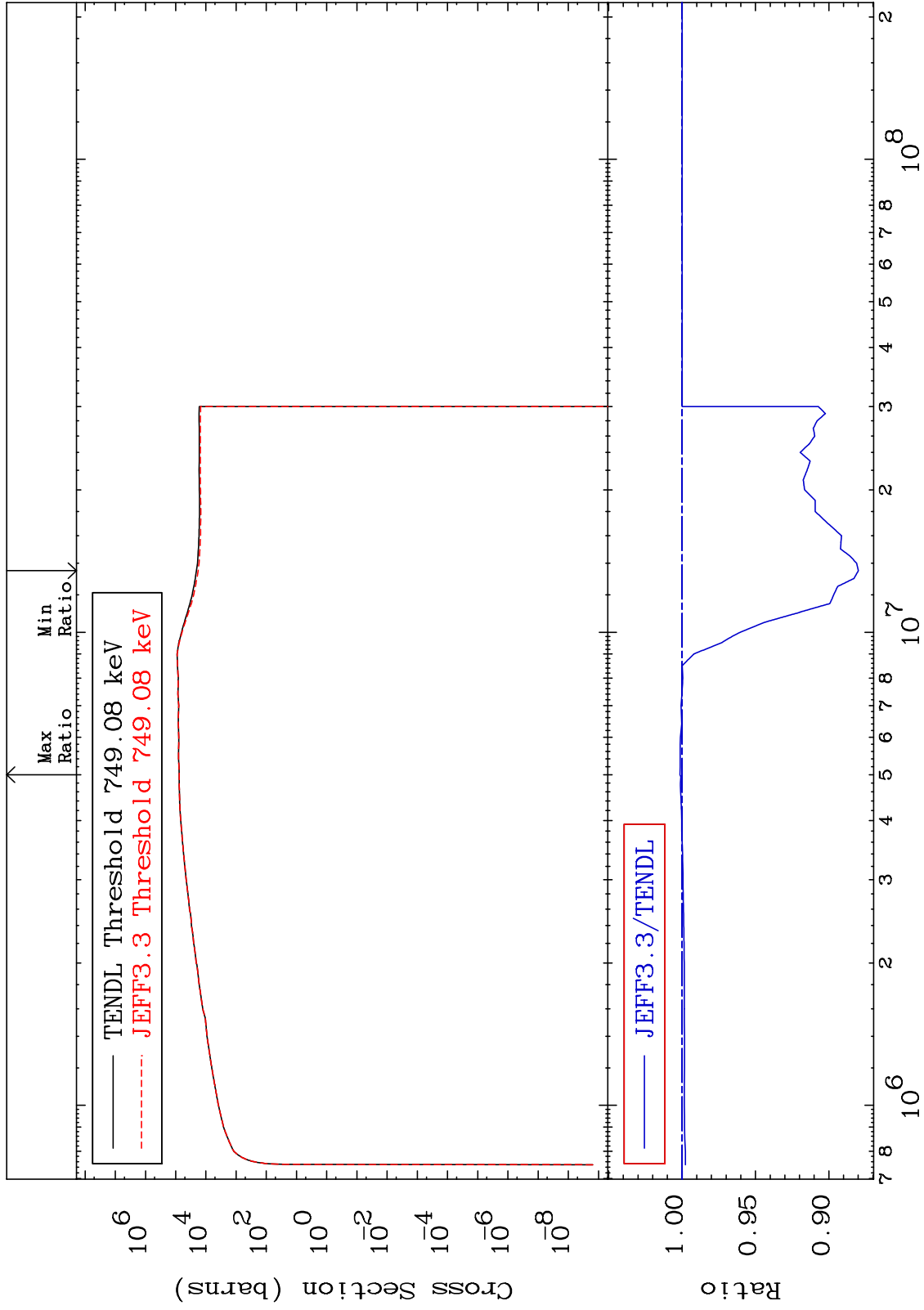
Incident Energy (eV)

52-Te-128

MAT 5249

Dpa inelastic (mt51-91)
Cross Section

52-Te-128
-12.01 To 0.140 %



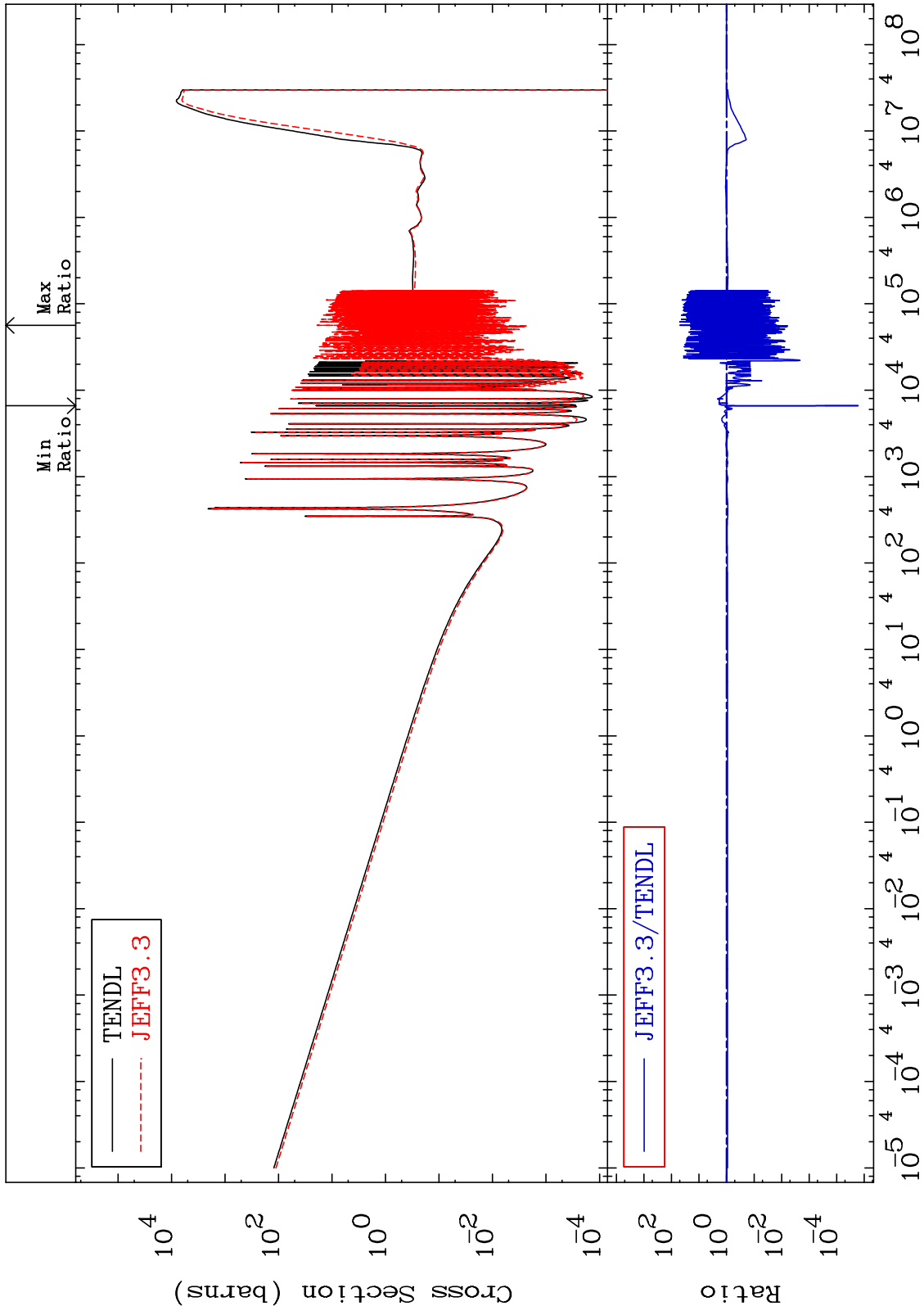
73

52-Te-128

MAT 5249

Dpa disappearance (mt102 -120)
Cross Section

52-Te-128
-100.0 To 4899. %



74

Incident Energy (eV)

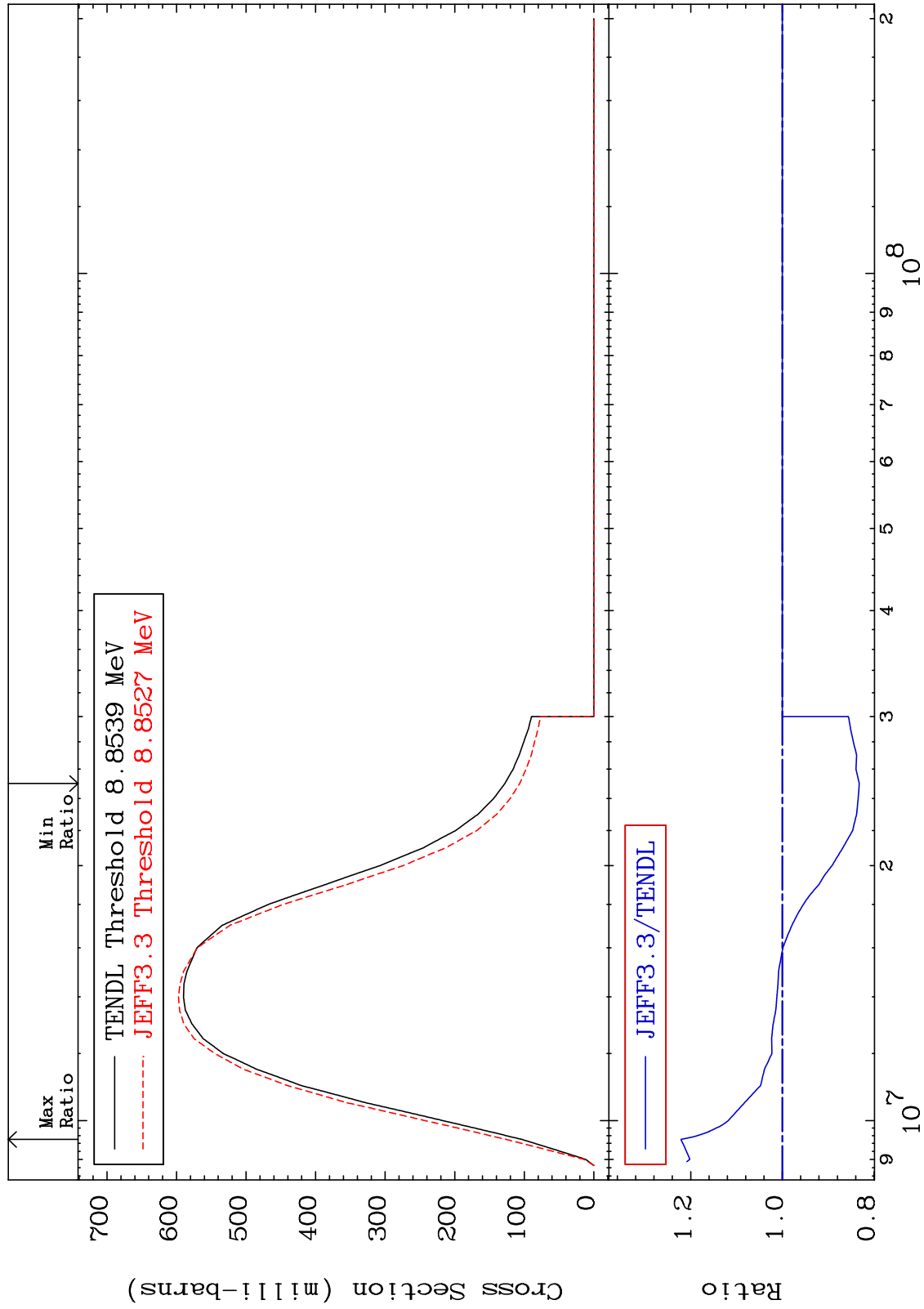
52-Te-128

MAT 5249

(n,2n):52-Te-127g

52-Te-128

Radionuclide Production Cross Section -16.78 To 22.10 %



75

Incident Energy (eV)

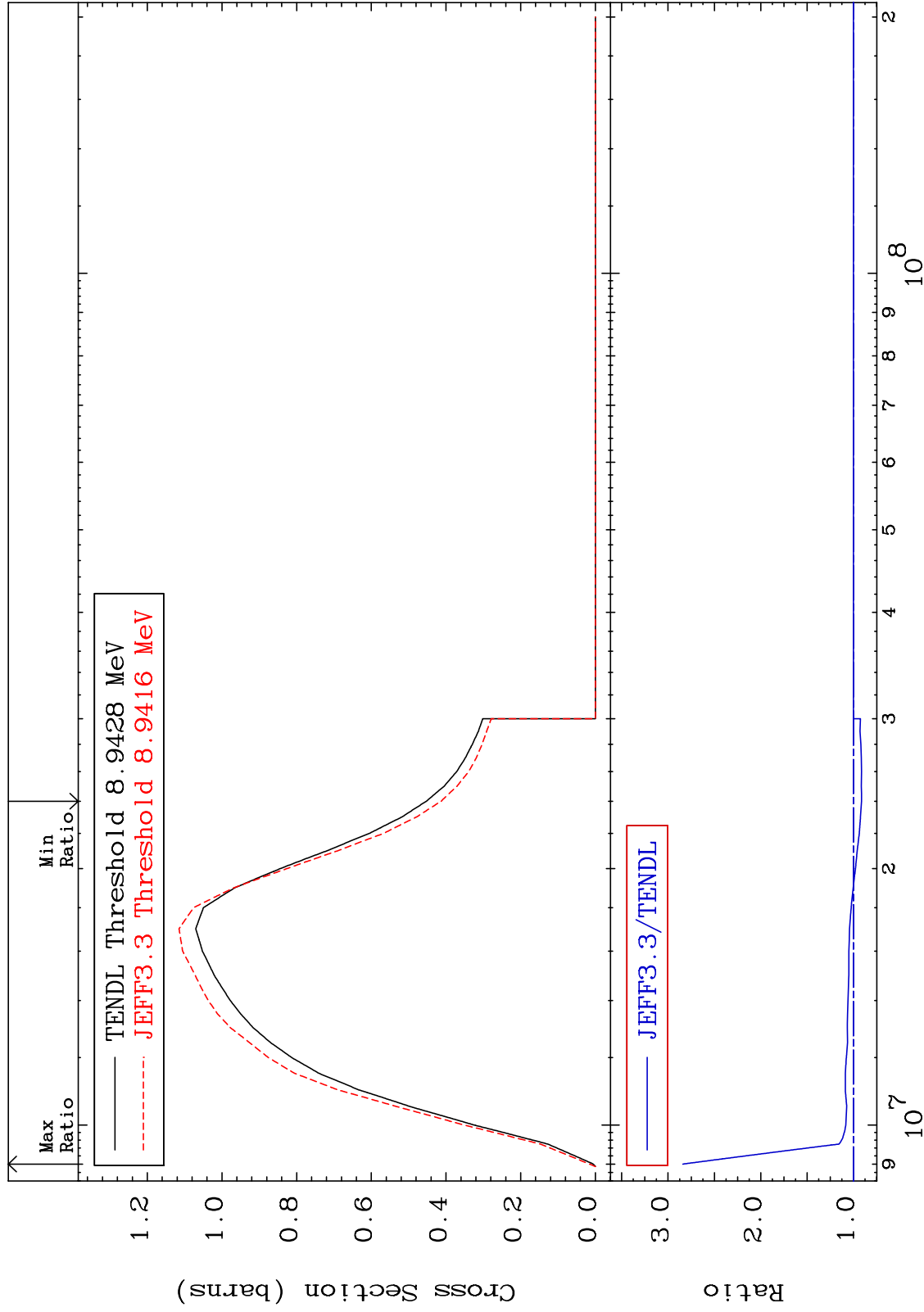
52-Te-128

MAT 5249

(n,2n):52-Te-127m2

52-Te-128

Radionuclide Production Cross Section -8.710 To 184.0 %



76

Incident Energy (eV)

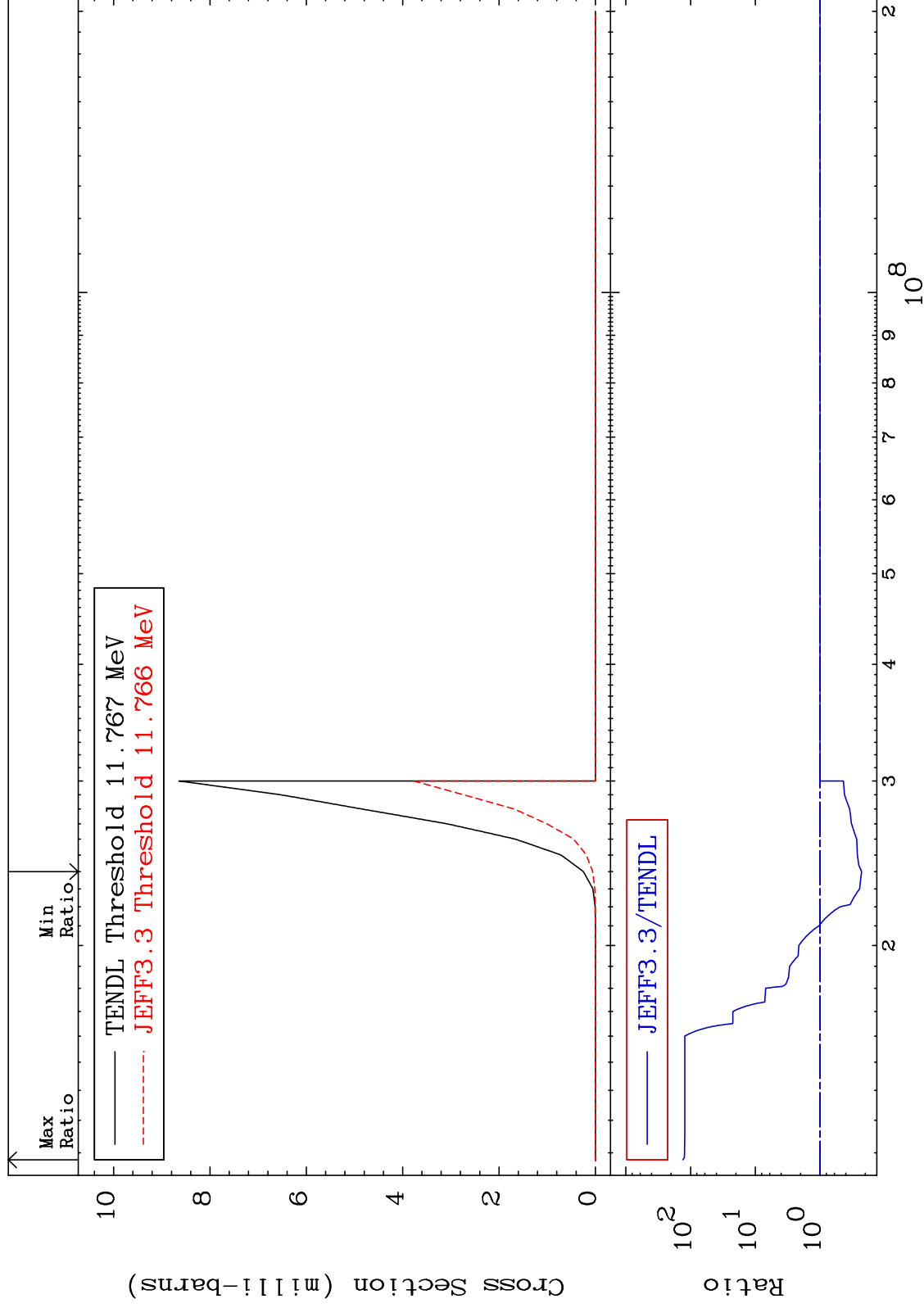
52-Te-128

MAT 5249

(n,2n) α :50-Sn-123g

52-Te-128

Radionuclide Production Cross Section -77.17 To 9999. %

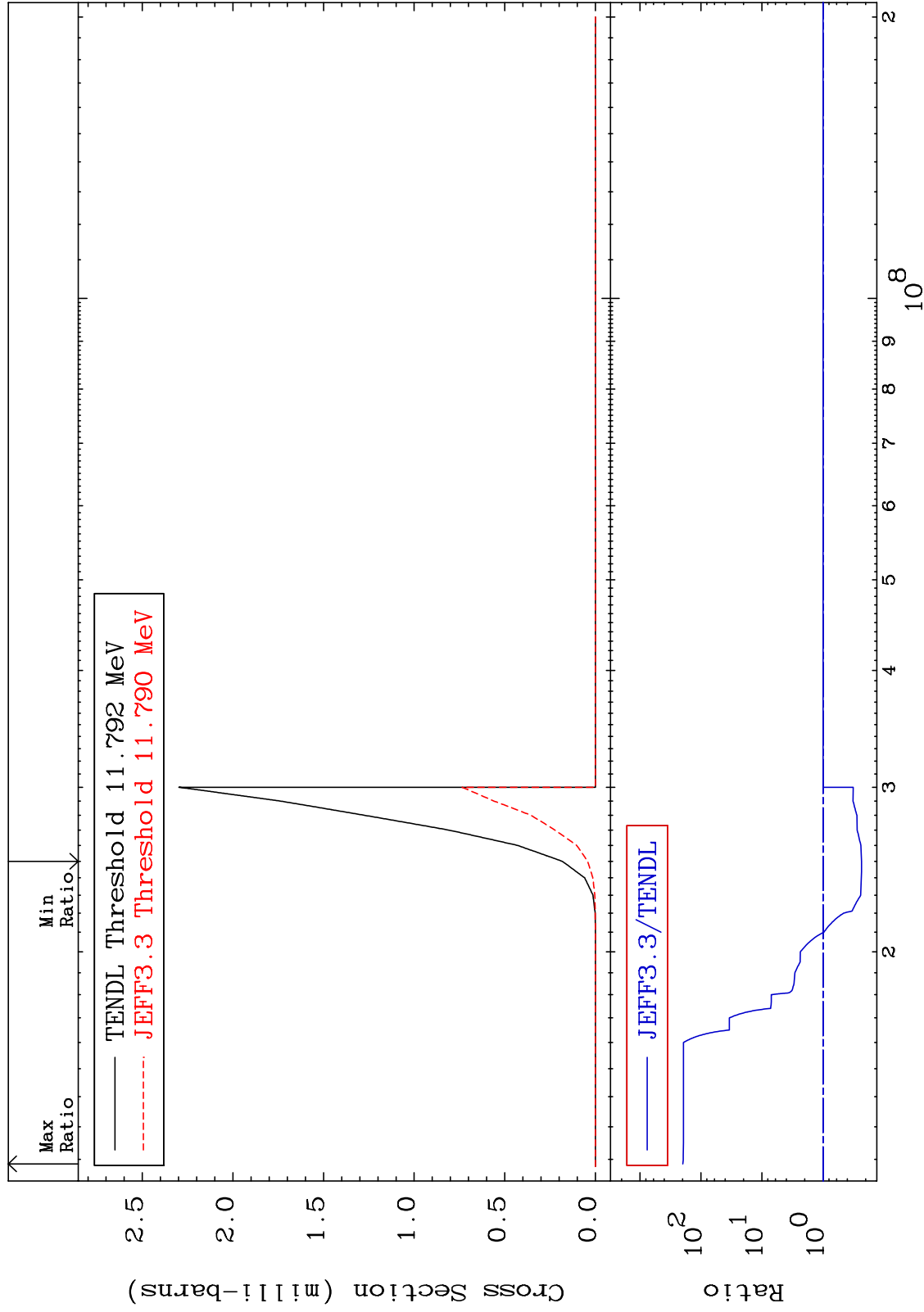


MAT 5249

(n,2n) α :50-Sn-123m1

52-Te-128

Radionuclide Production Cross Section -76.66 To 9999. %

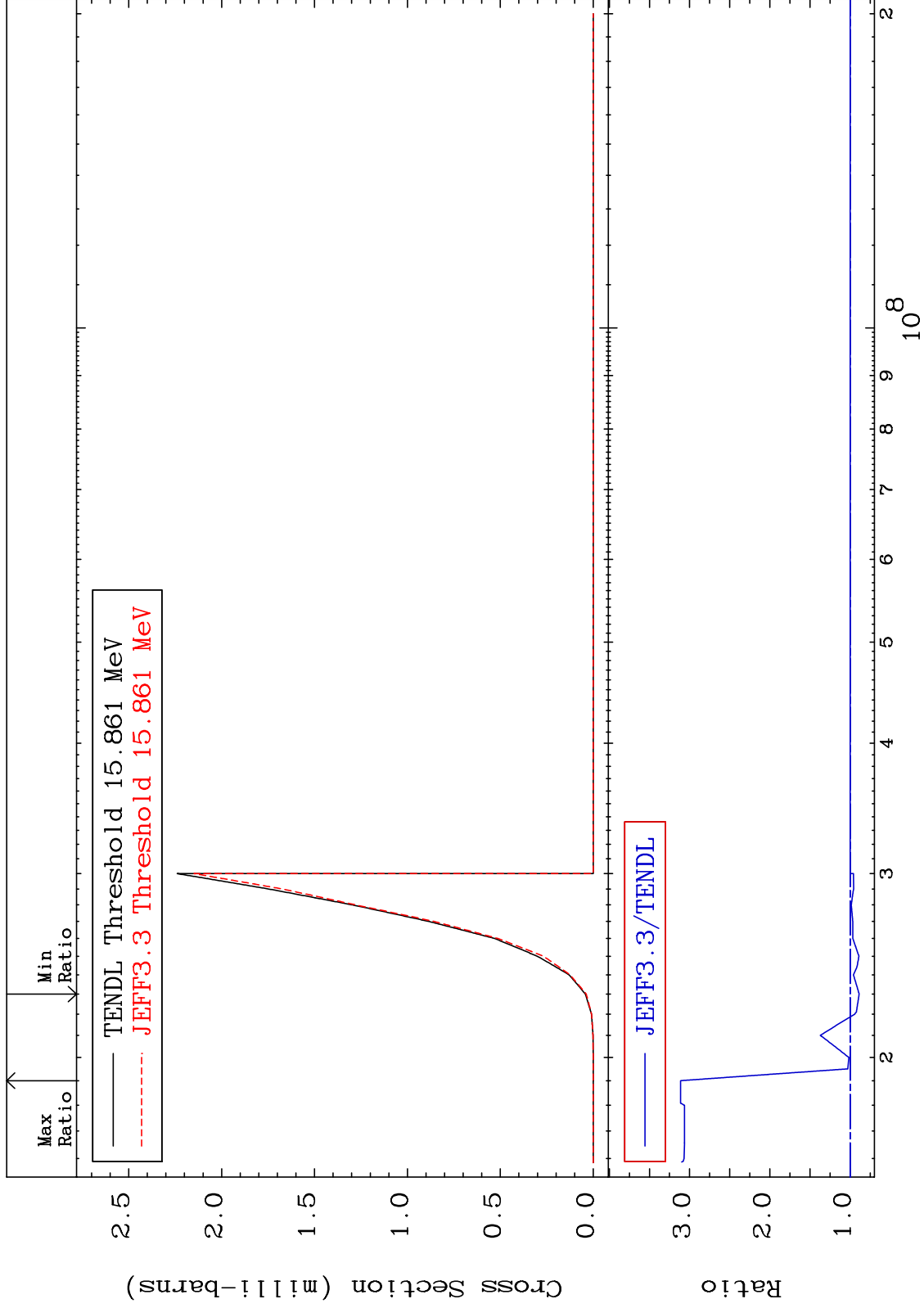


MAT 5249

(n, n') d:51-Sb-126g

52-Te-128

Radionuclide Production Cross Section -11.22 To 211.2 %

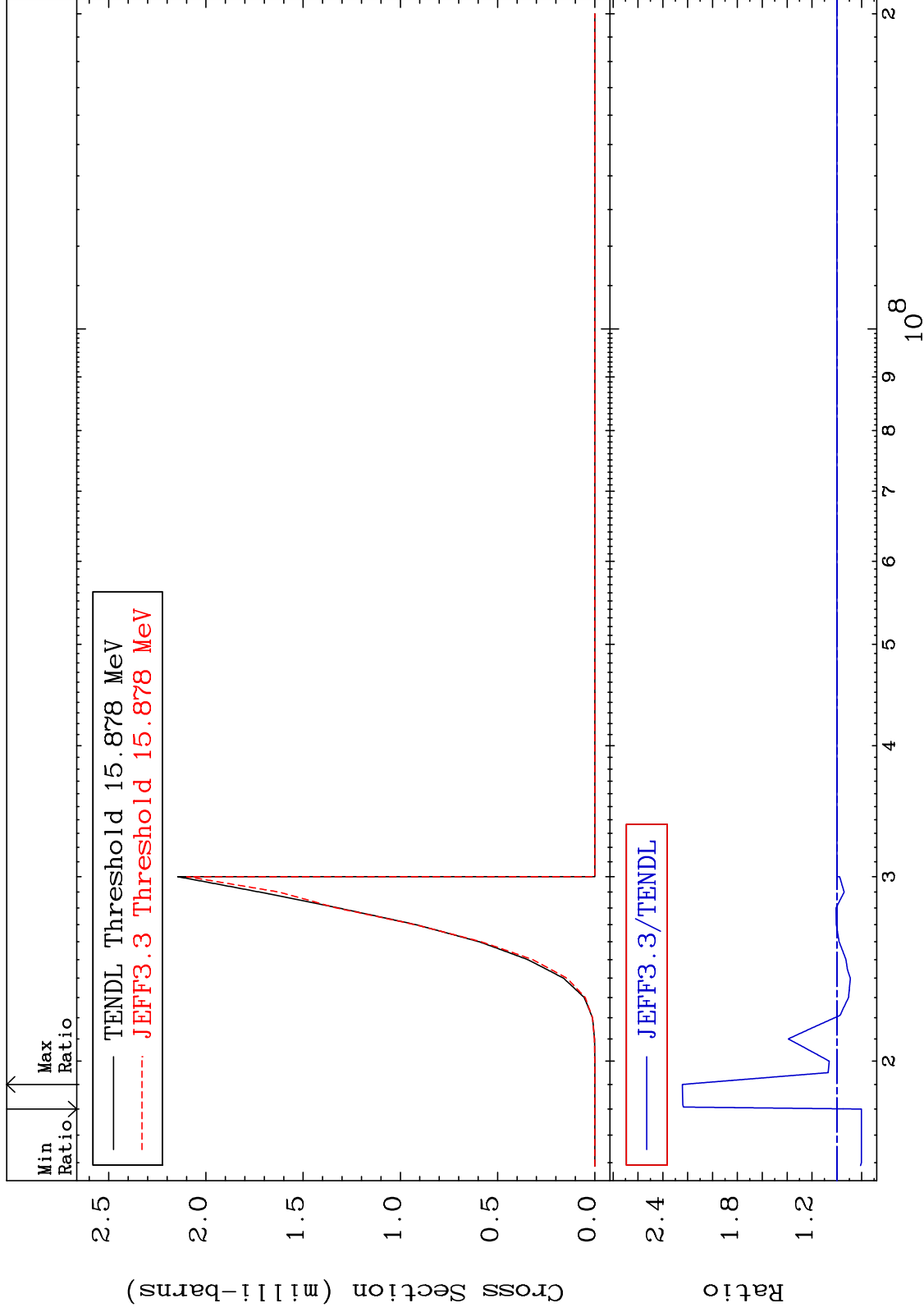


MAT 5249

(n, n') d:51-Sb-126m1

52-Te-128

Radionuclide Production Cross Section -19.79 To 124.2 %

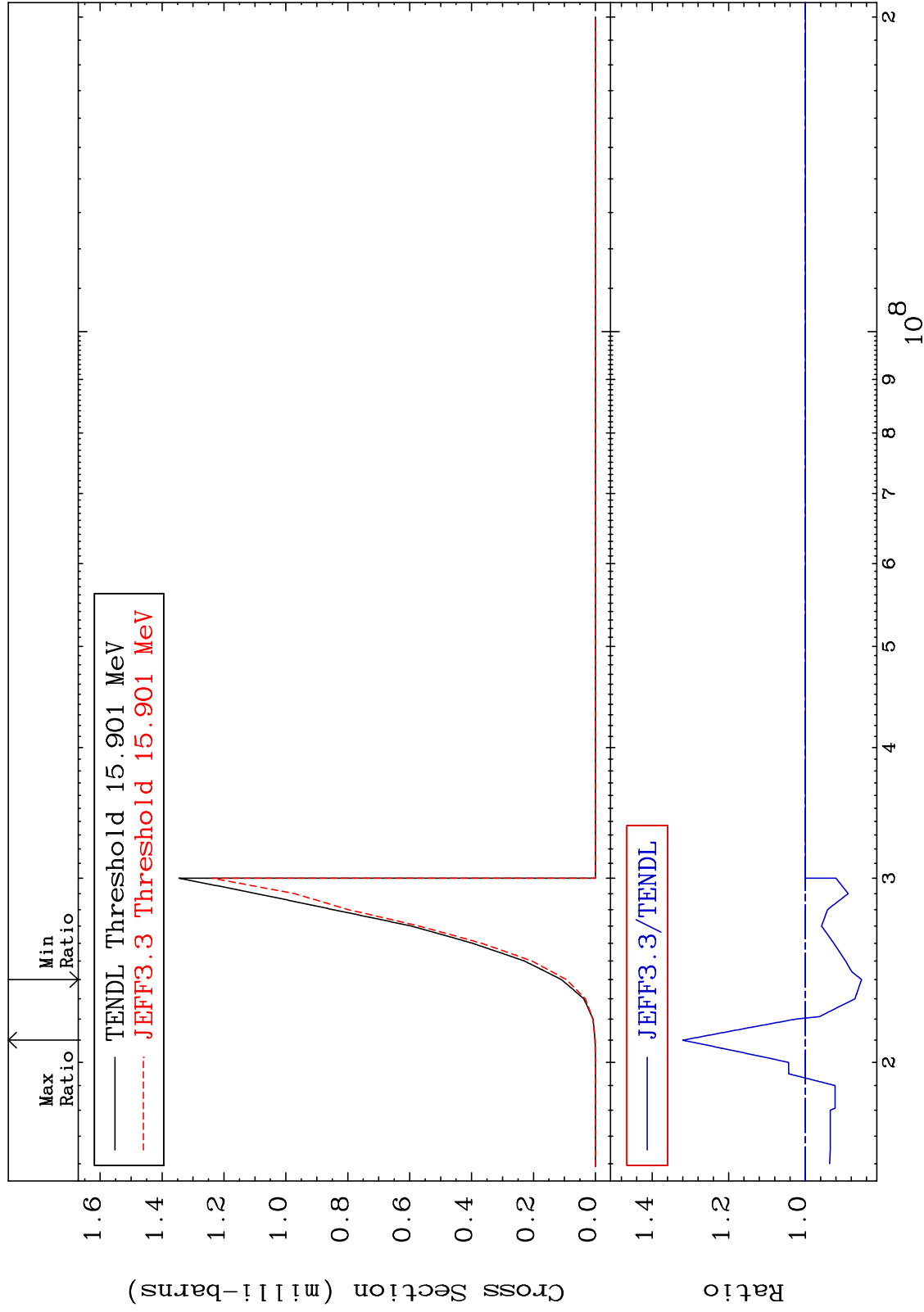


MAT 5249

(n, n') d:51-Sb-126m2

52-Te-128

Radionuclide Production Cross Section -14.69 To 31.97 %

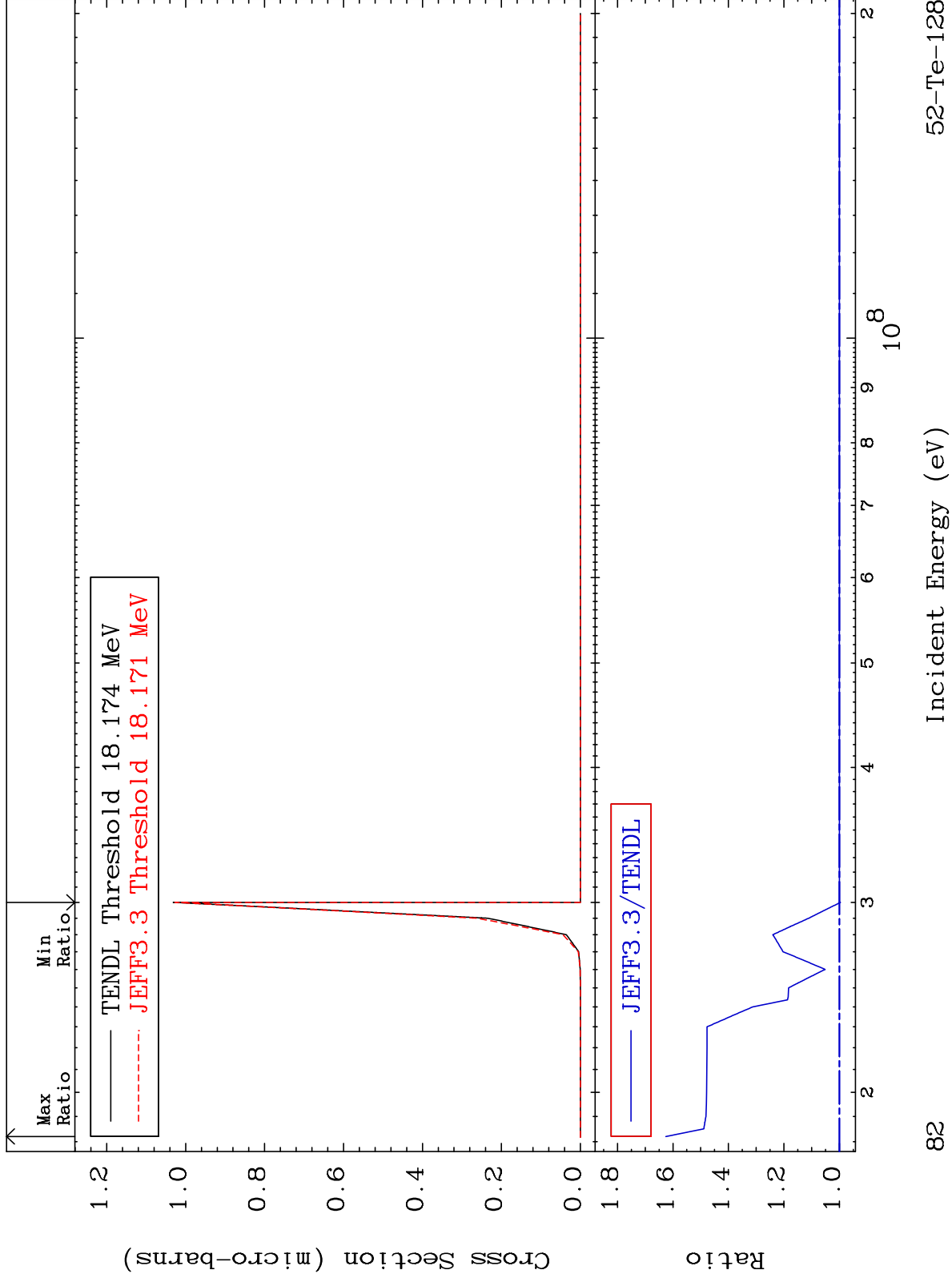


MAT 5249

(n, n') He-3:50-Sn-125g

52-Te-128

Radionuclide Production Cross Section -0.391 To 62.55 %

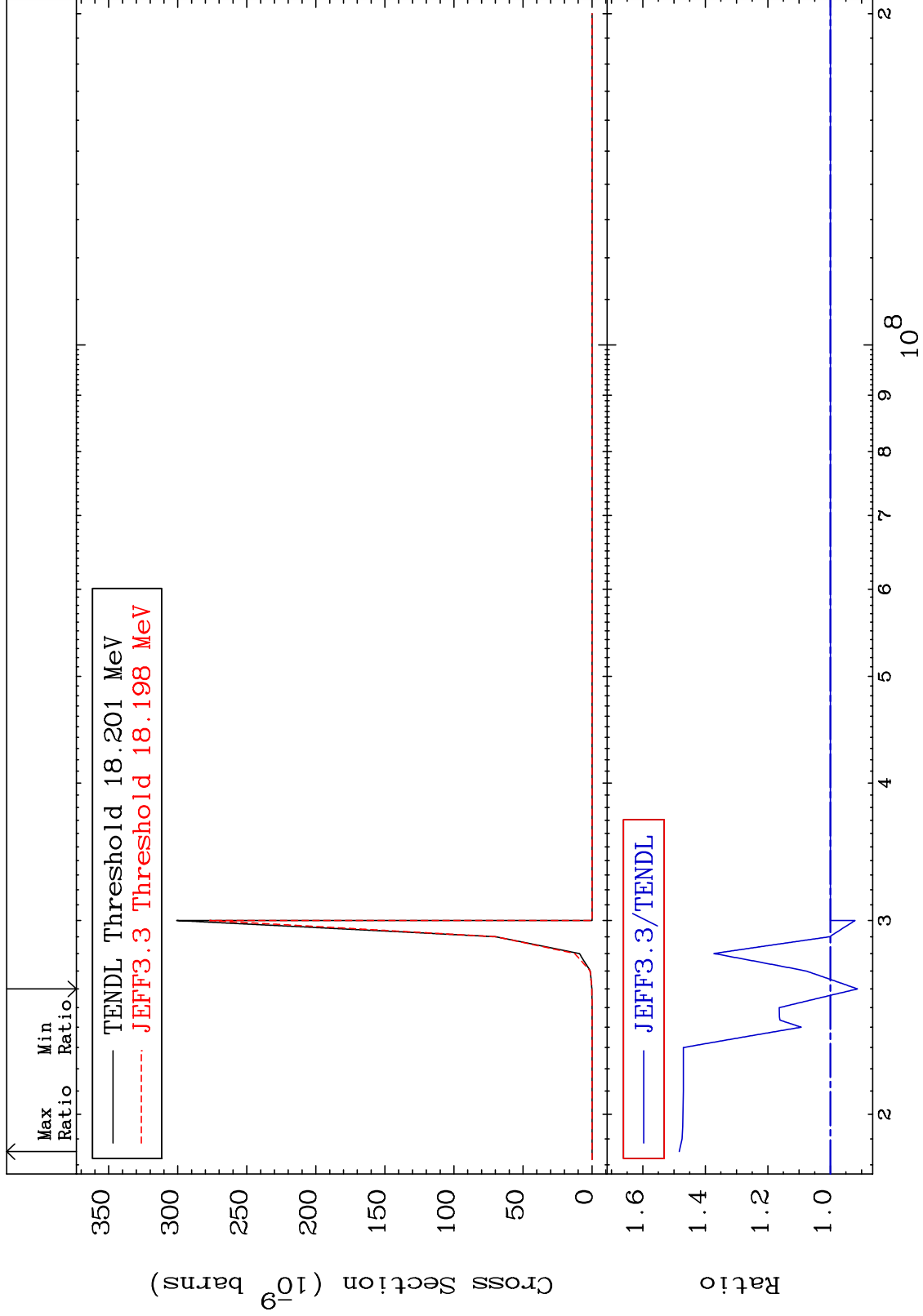


MAT 5249

(n, n') He-3:50-Sn-125m1

52-Te-128

Radionuclide Production Cross Section -8.692 To 48.32 %



83

Incident Energy (eV)

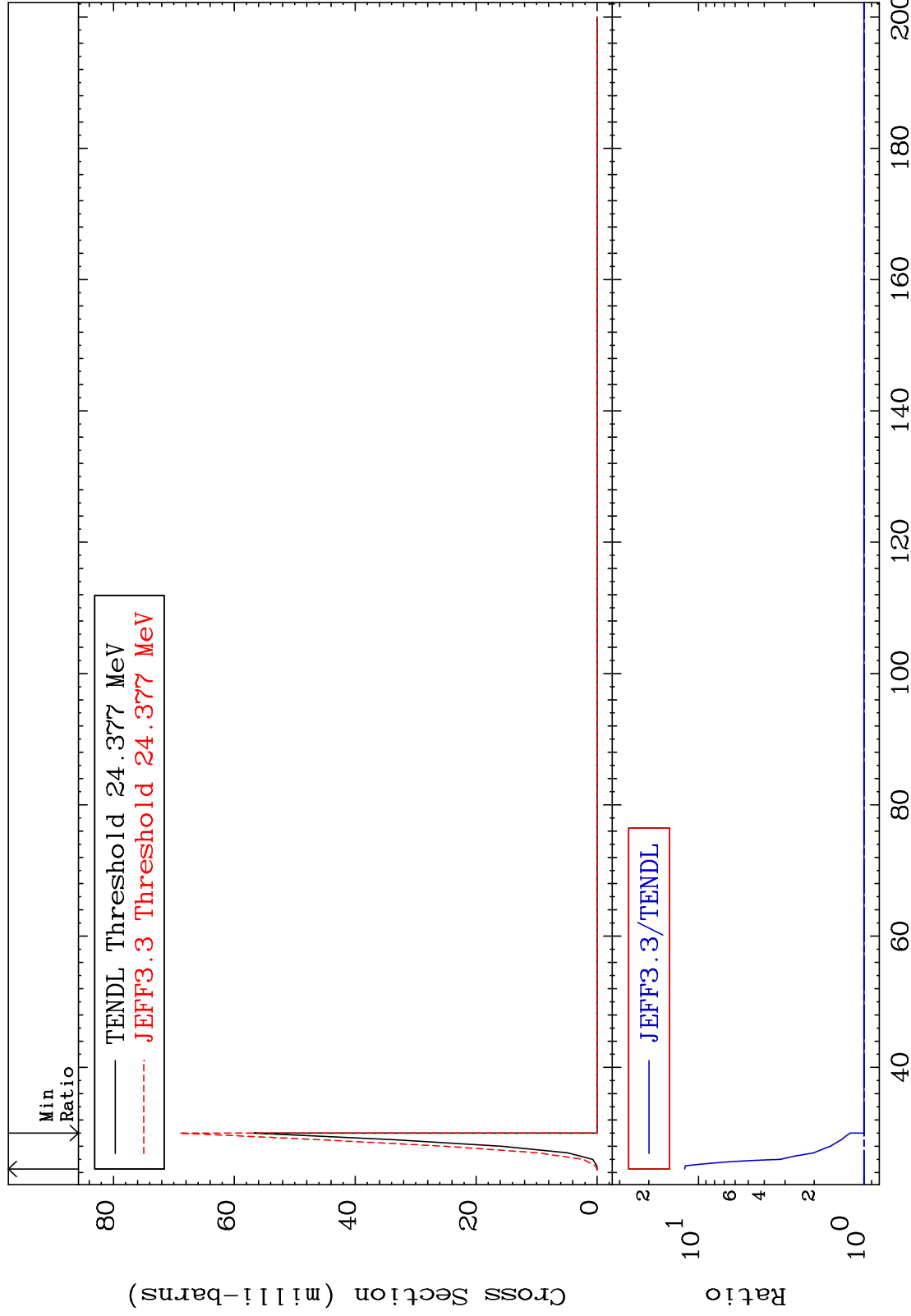
52-Te-128

MAT 5249

(n,4n):52-Te-125g

52-Te-128

Radionuclide Production Cross Section 0.000 To 1110. %

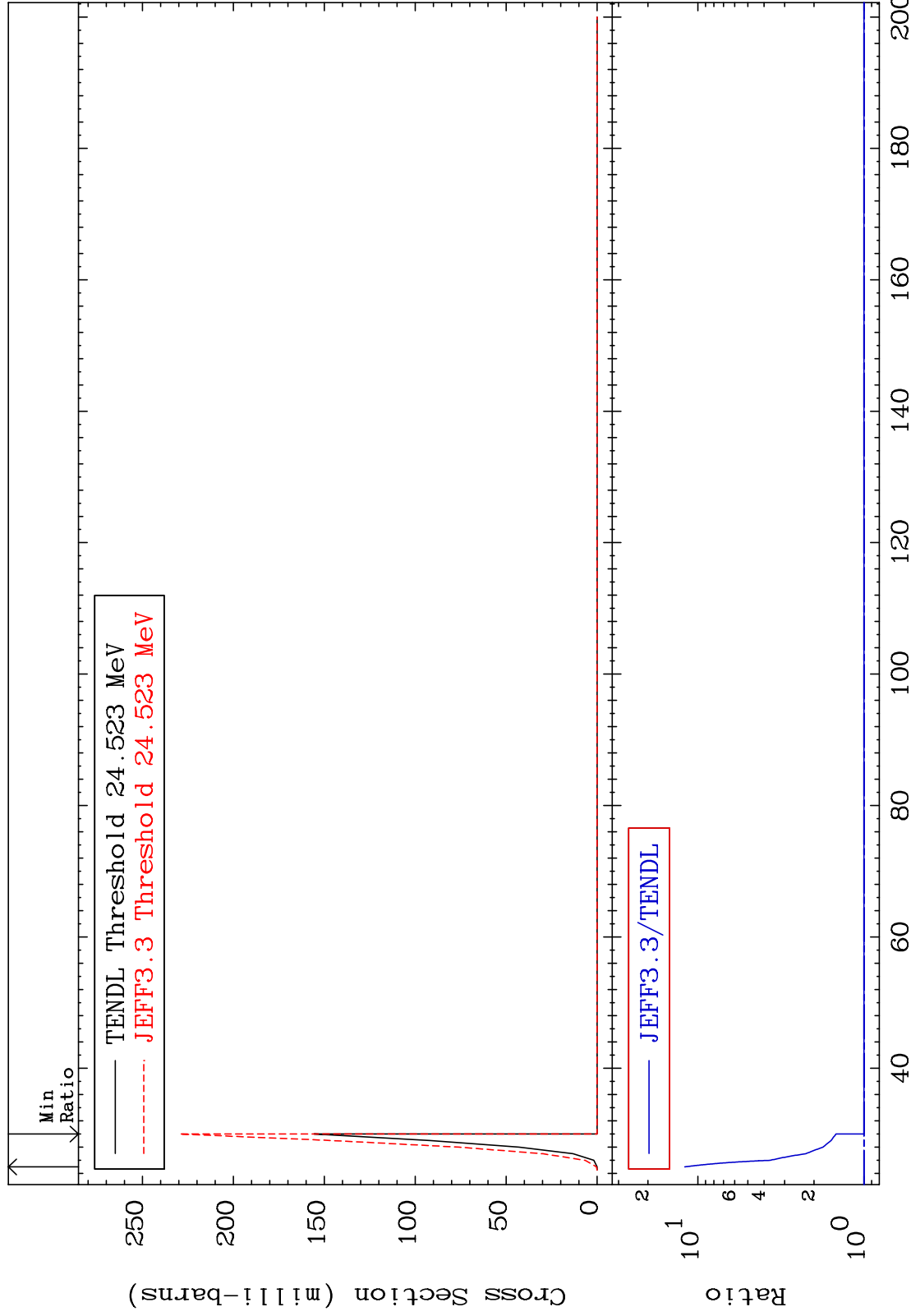


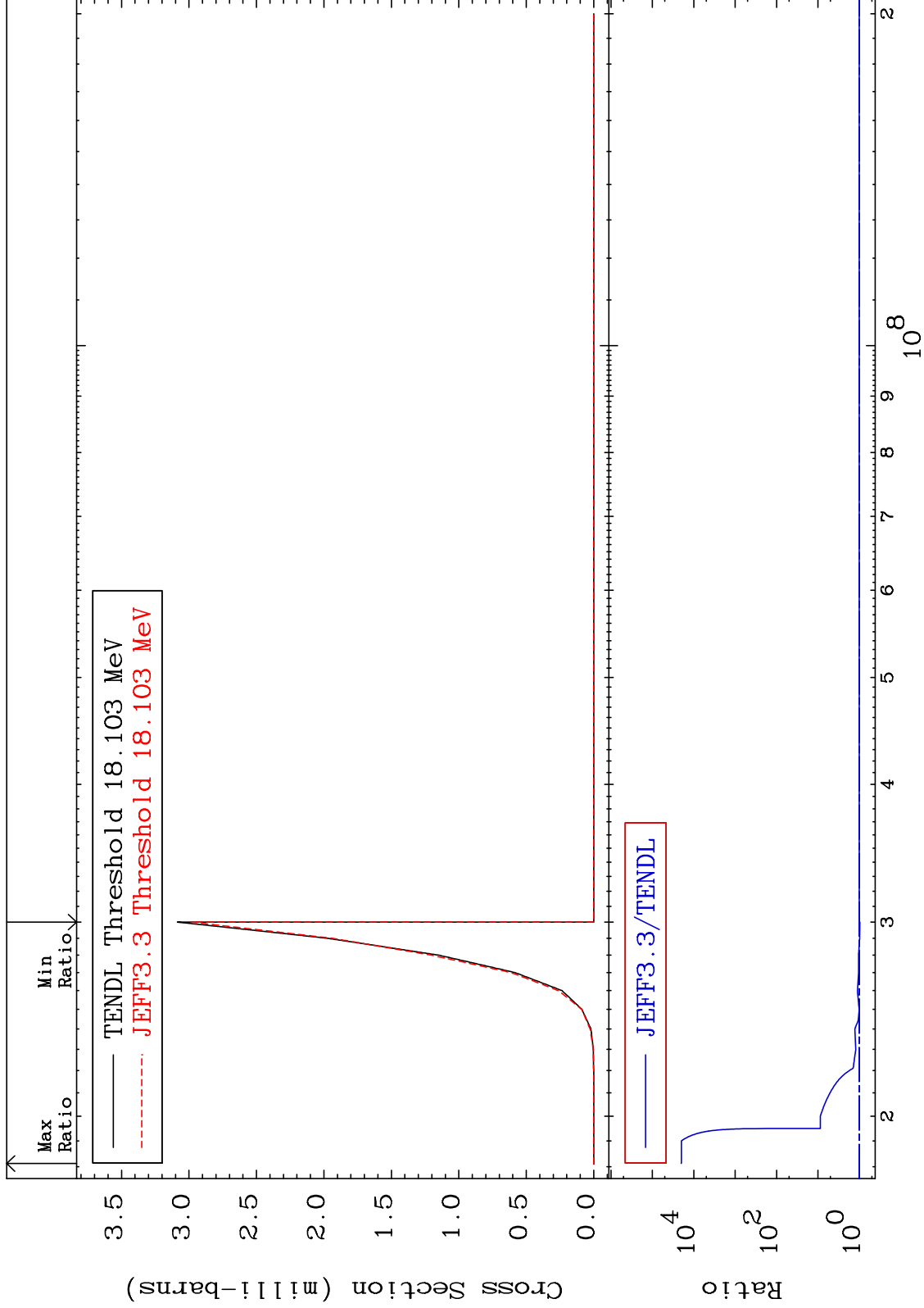
MAT 5249

(n, 4n): 52-Te-125m2

52-Te-128

Radionuclide Production Cross Section 0.000 To 1099. %



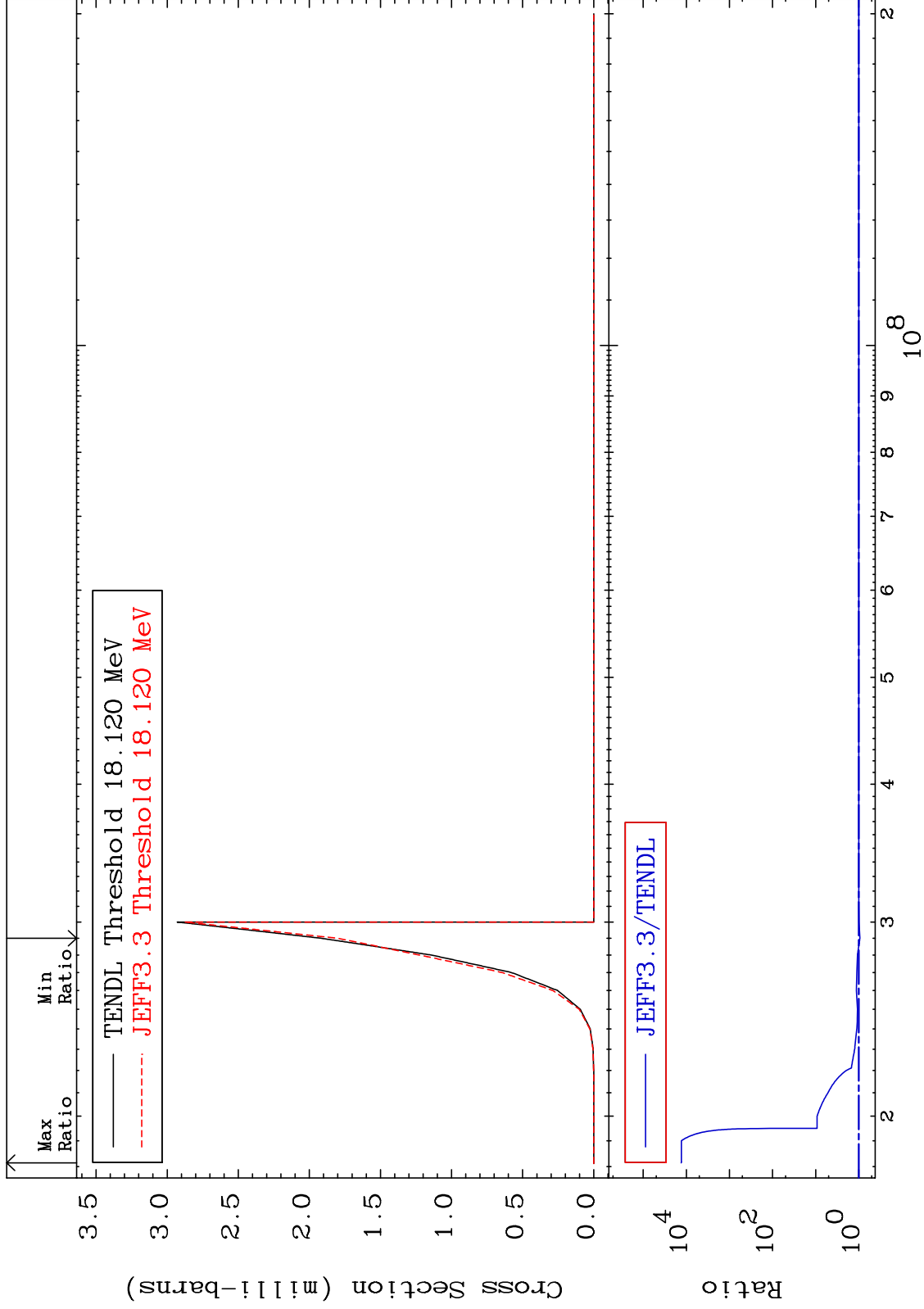


MAT 5249

(n,2n) p:51-Sb-126m1

52-Te-128

Radionuclide Production Cross Section -5.994 To 9999. %

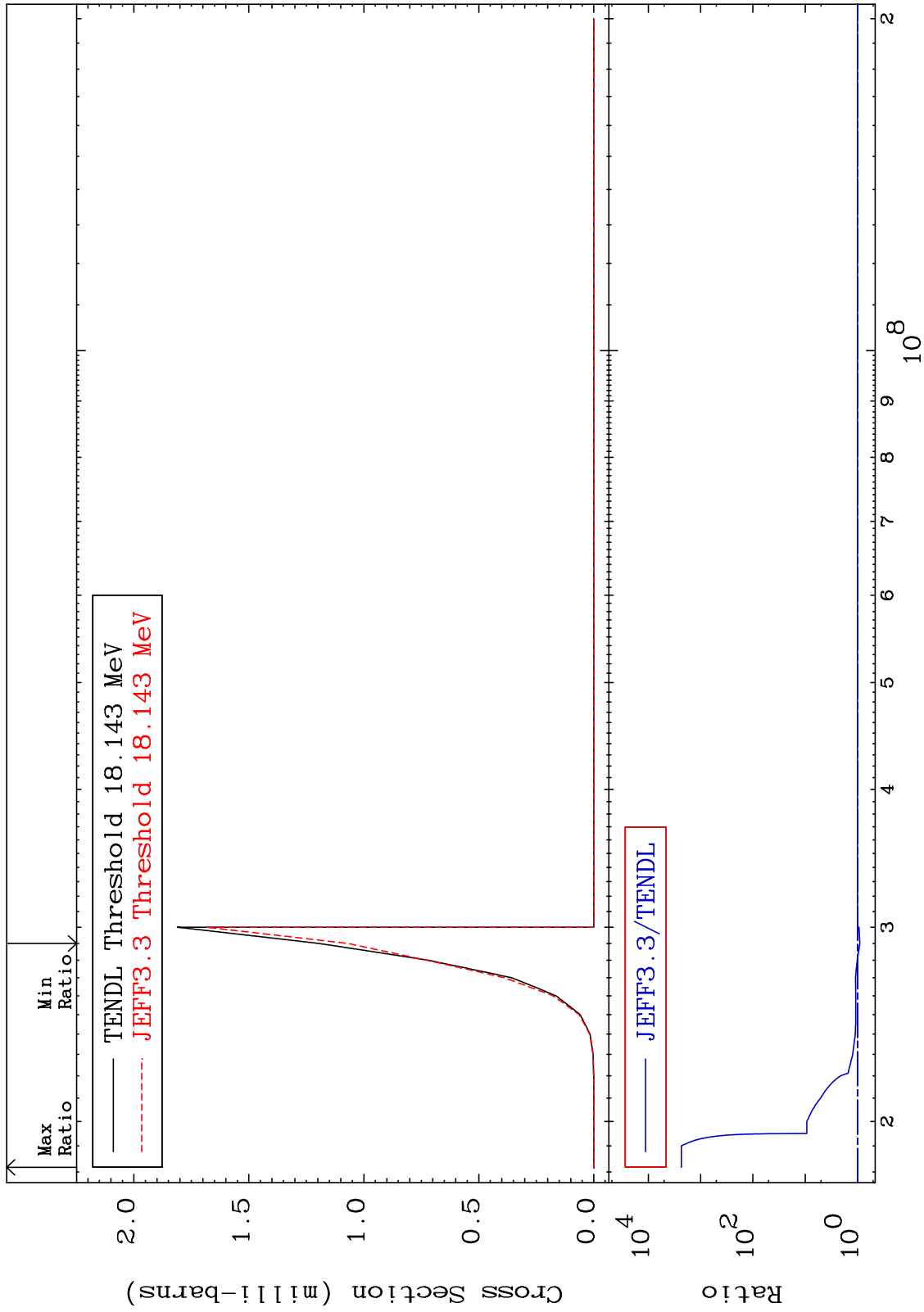


MAT 5249

(n,2n) p:51-Sb-126m2

52-Te-128

Radionuclide Production Cross Section -10.53 To 9999. %

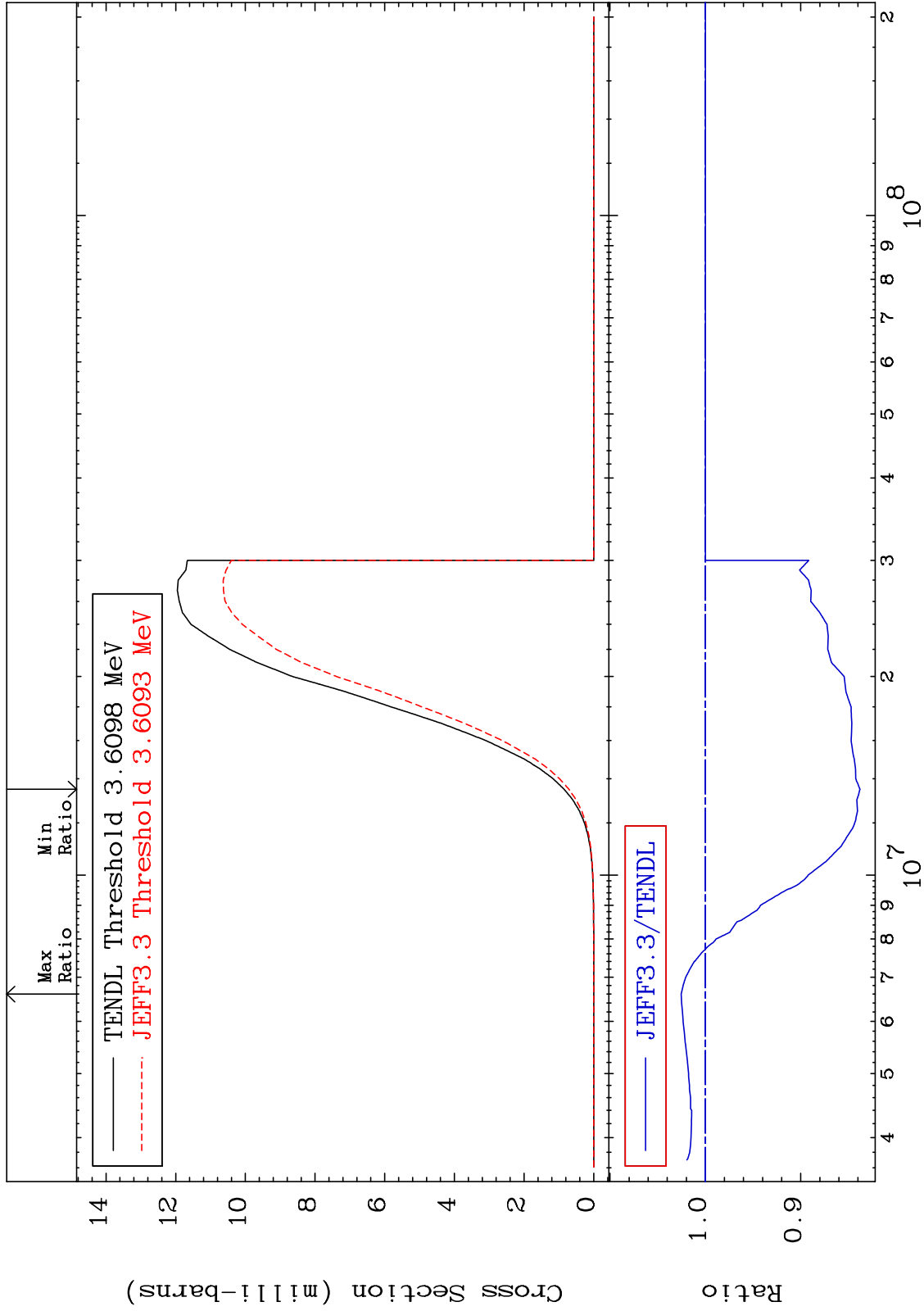


MAT 5249

(n,p):51-Sb-128g

52-Te-128

Radionuclide Production Cross Section -16.20 To 2.532 %

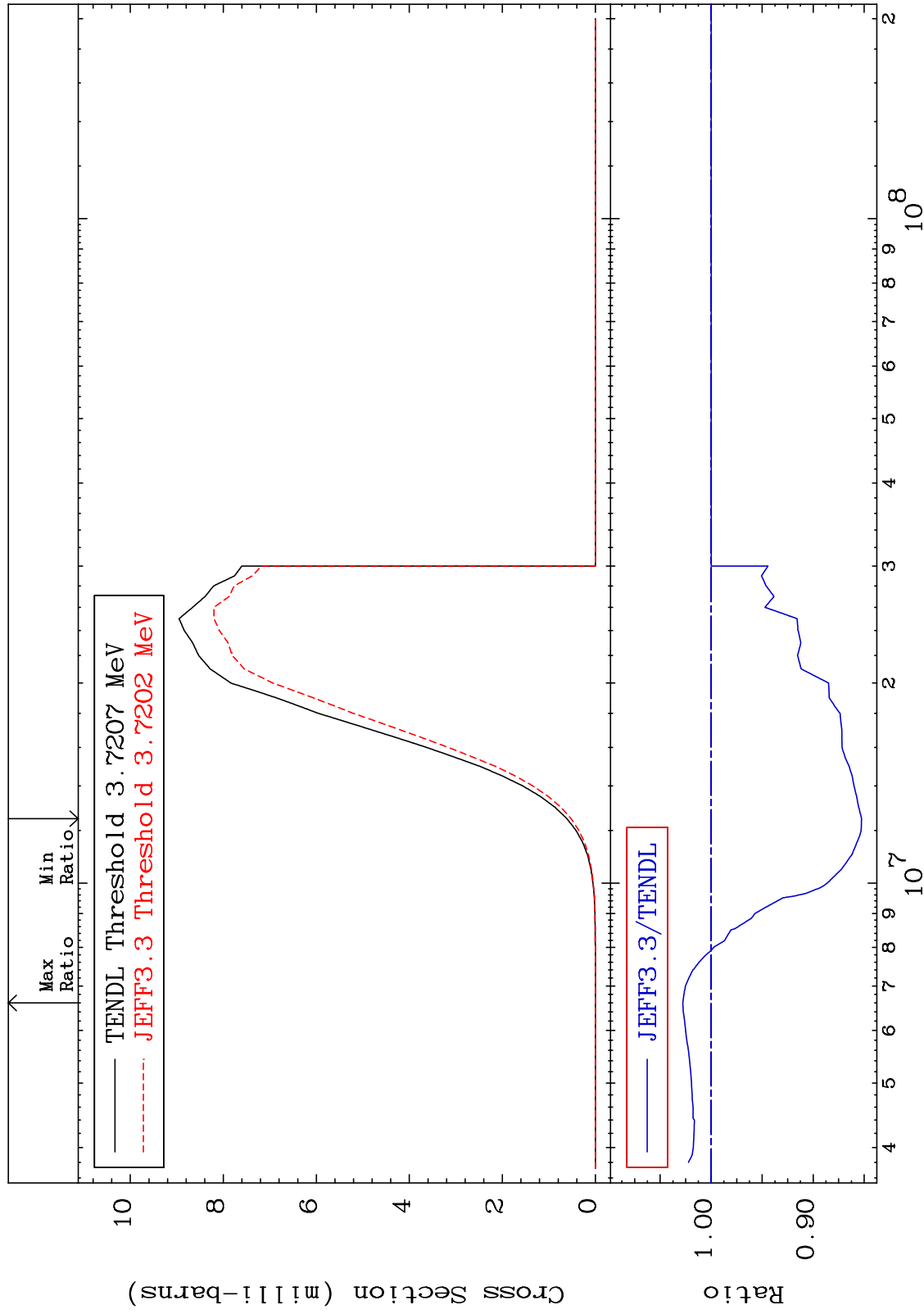


MAT 5249

(n, p):51-Sb-128m1

52-Te-128

Radionuclide Production Cross Section -14.75 To 2.774 %



90

Incident Energy (eV)

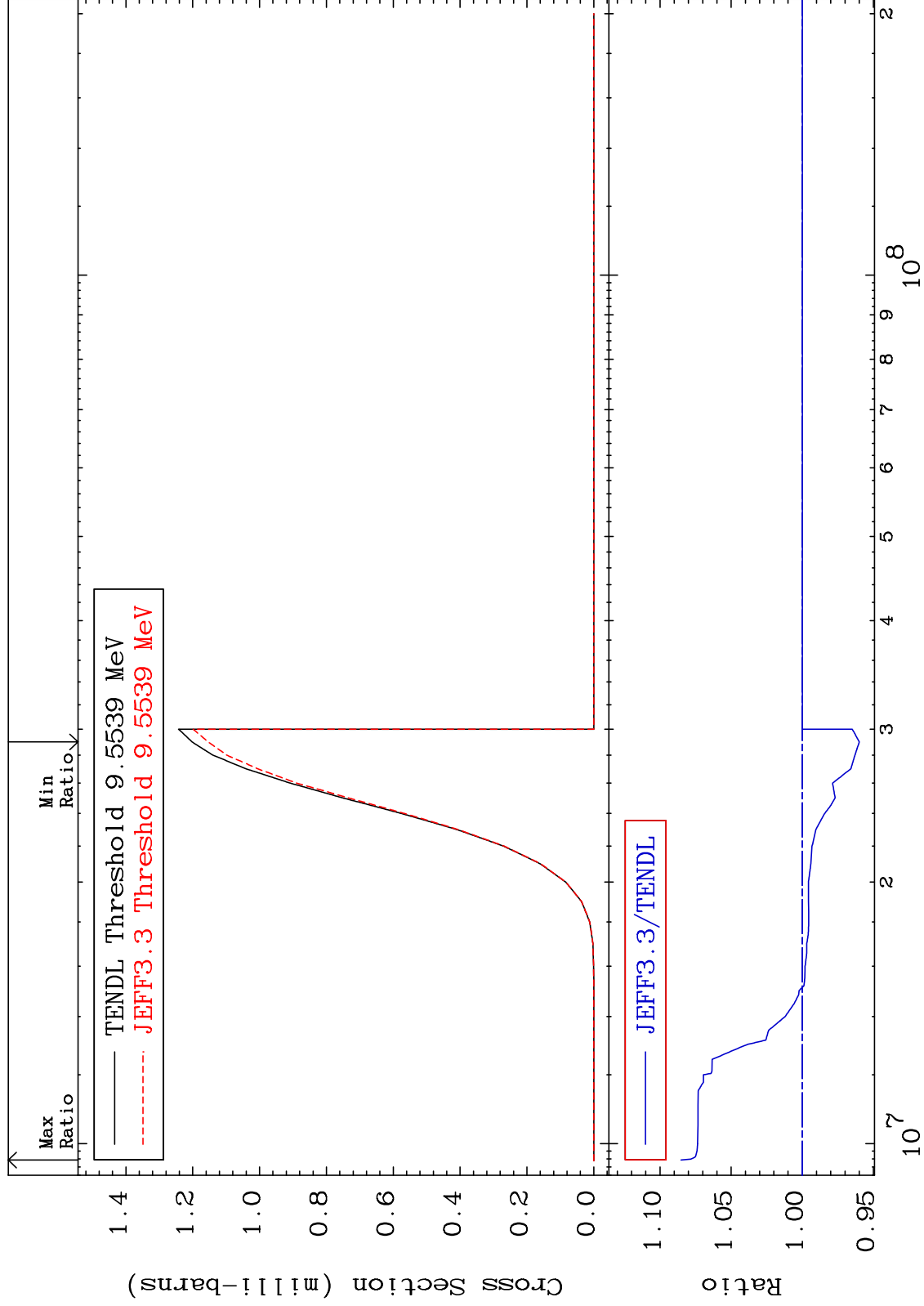
52-Te-128

MAT 5249

(n, t):51-Sb-126g

52-Te-128

Radionuclide Production Cross Section -4.003 To 8.520 %



91

Incident Energy (eV)

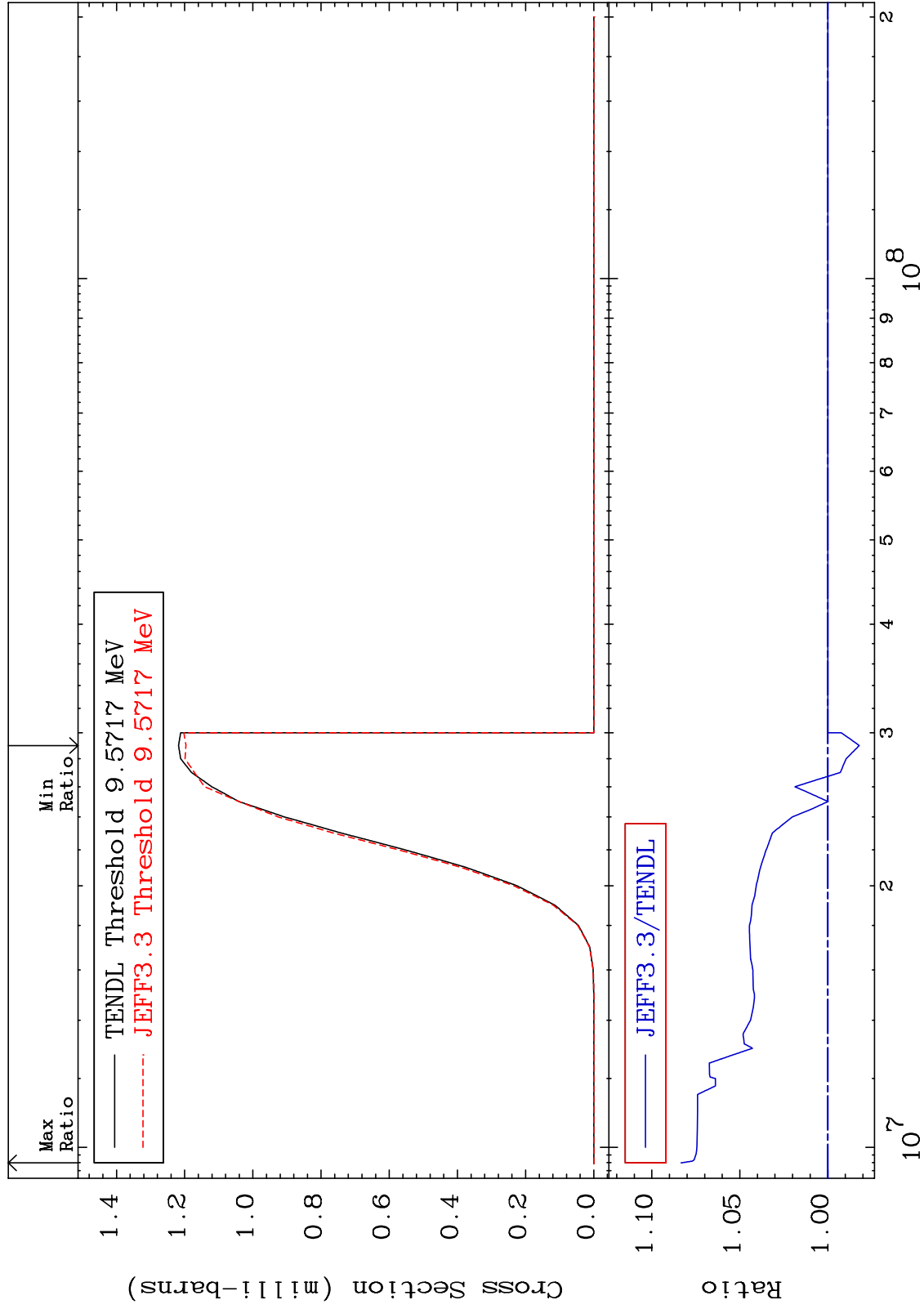
52-Te-128

MAT 5249

(n, t):51-Sb-126m1

52-Te-128

Radionuclide Production Cross Section -1.790 To 8.341 %



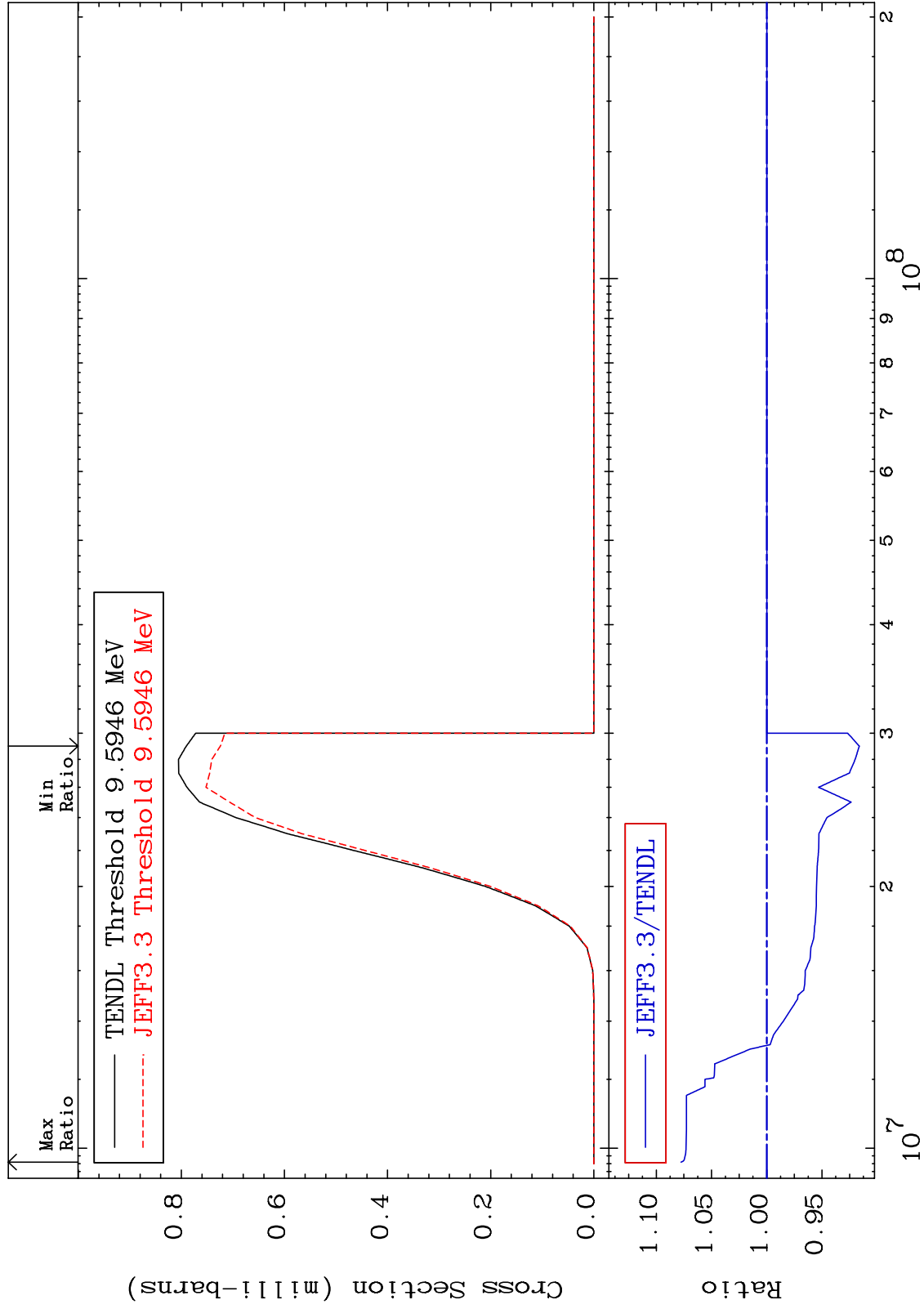
52-Te-128

MAT 5249

(n, t):51-Sb-126m2

52-Te-128

Radionuclide Production Cross Section -8.375 To 7.760 %



93

Incident Energy (eV)

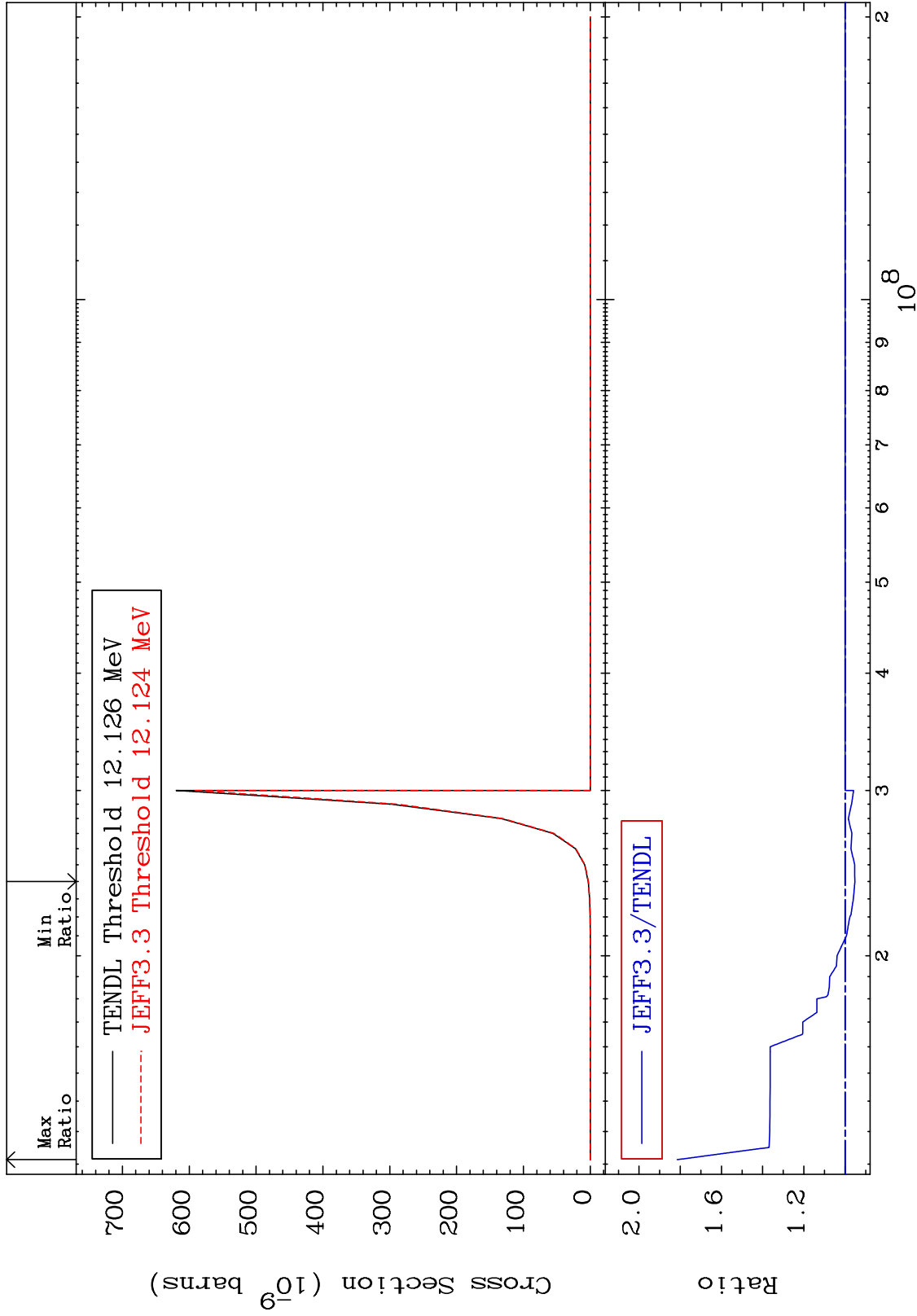
52-Te-128

MAT 5249

(n,2p):50-Sn-127g

52-Te-128

Radionuclide Production Cross Section -4.792 To 81.46 %

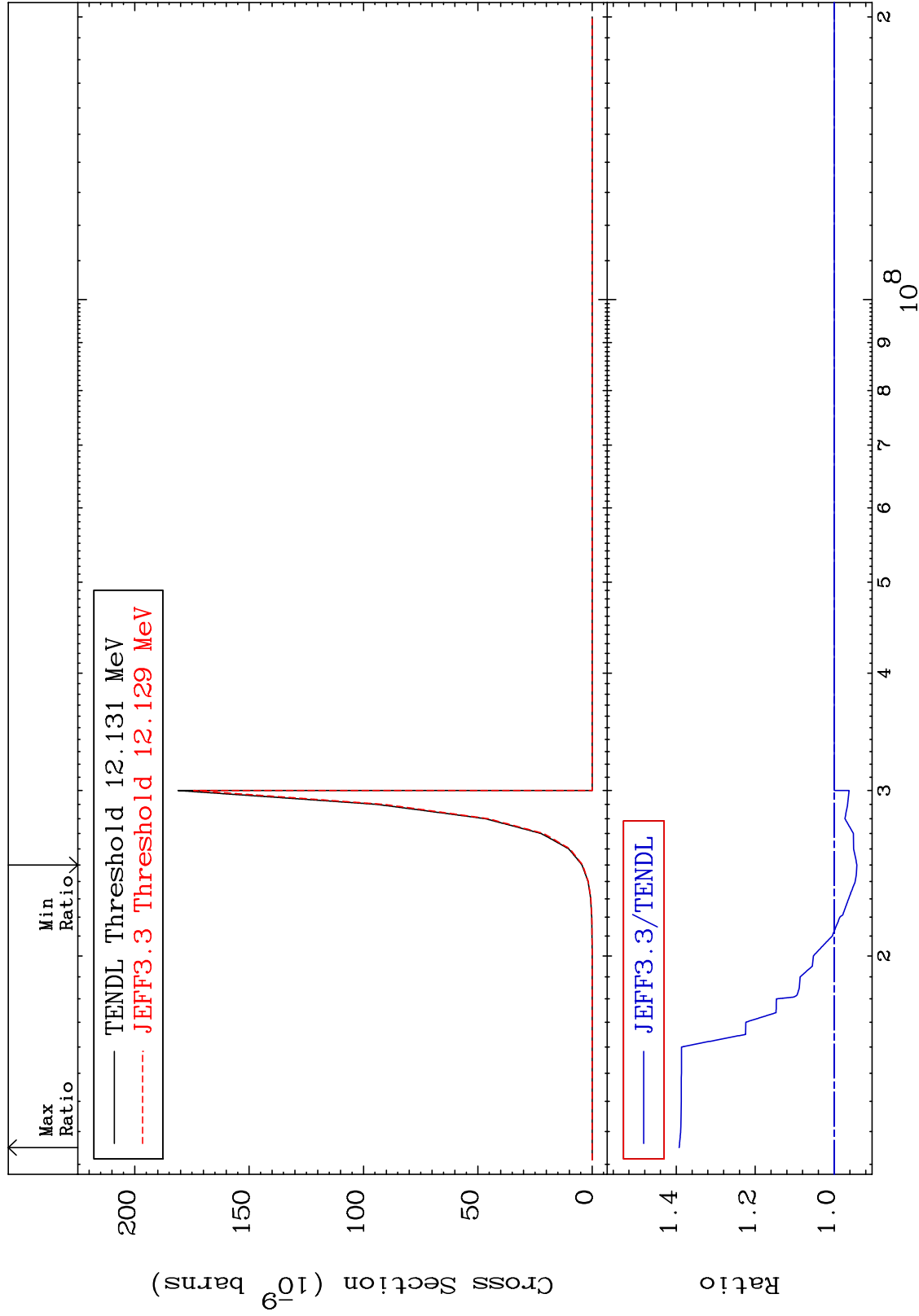


MAT 5249

(n,2p):50-Sn-127m1

52-Te-128

Radionuclide Production Cross Section -5.766 To 39.27 %

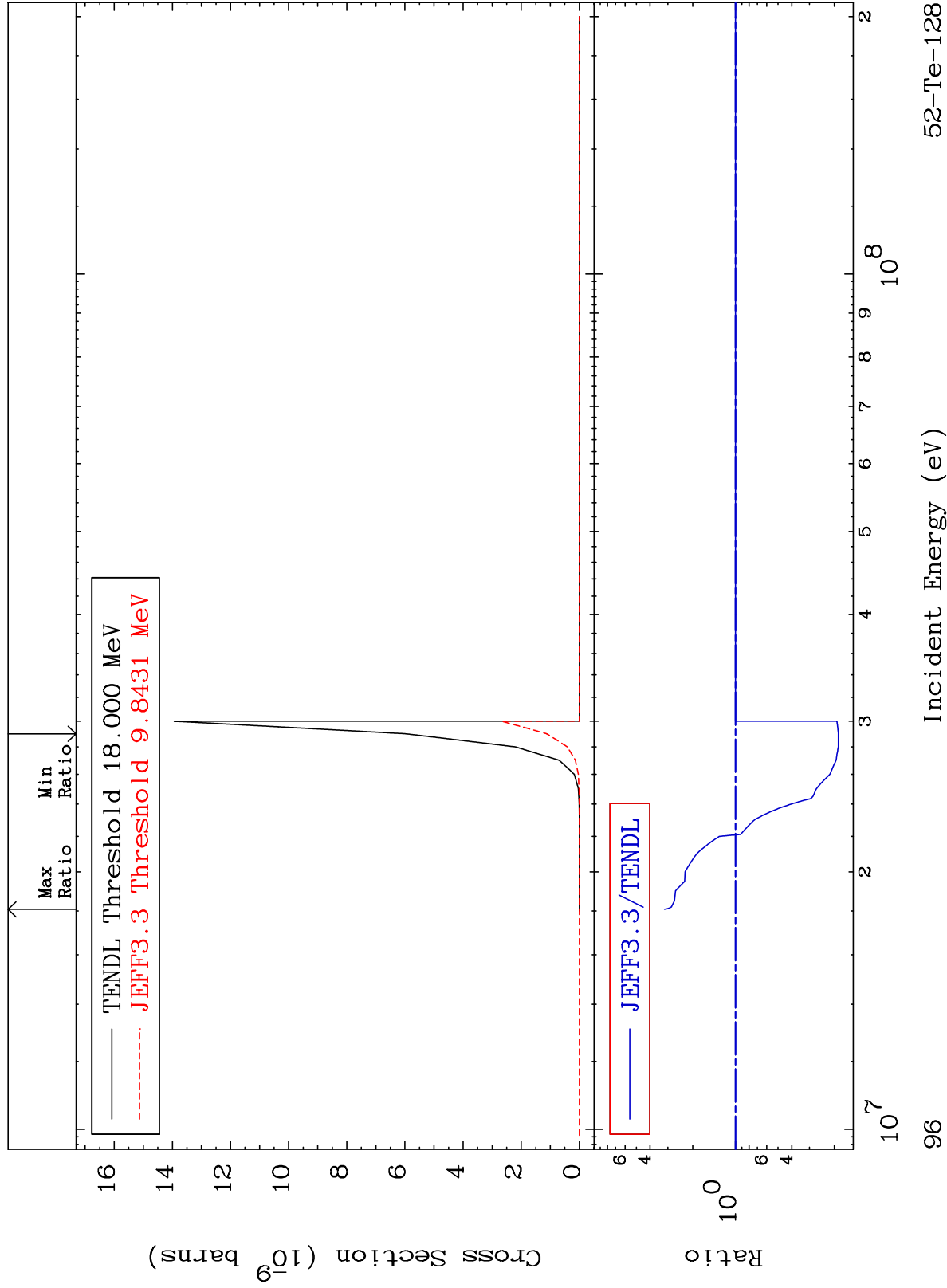


MAT 5249

(n, p) α : 49-In-124g

52-Te-128

Radionuclide Production Cross Section -81.26 To 216.2 %



52-Te-128

Incident Energy (eV)

96

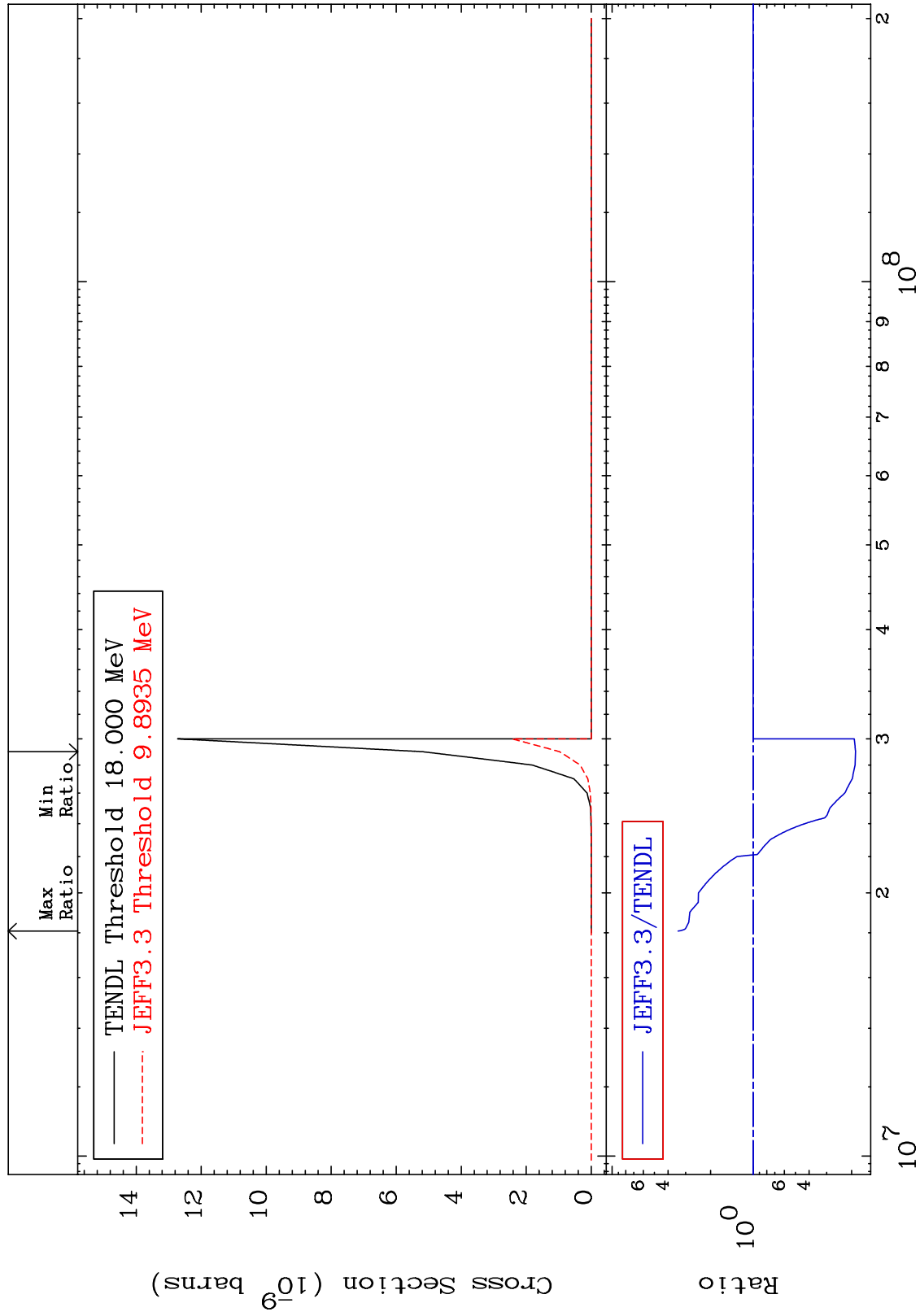
MAT 5249

(n, p) α :49-In-124m2

52-Te-128

Radionuclide Production Cross Section

-81.26 To 239.8 %



97

Incident Energy (eV)

52-Te-128