

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

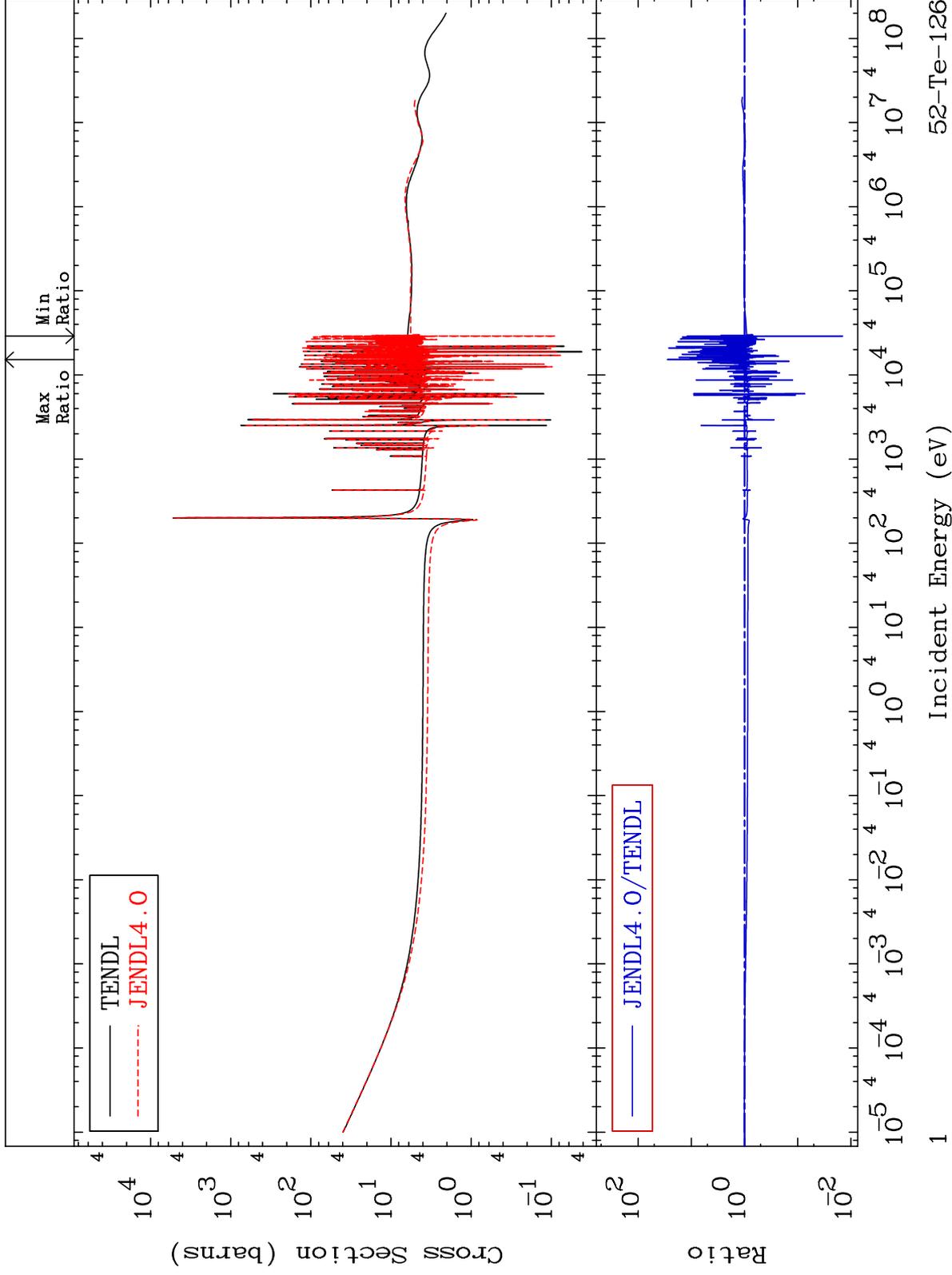
MAT 5243

Total

52-Te-126

Cross Section

-98.58 To 2725. %



Incident Energy (eV)

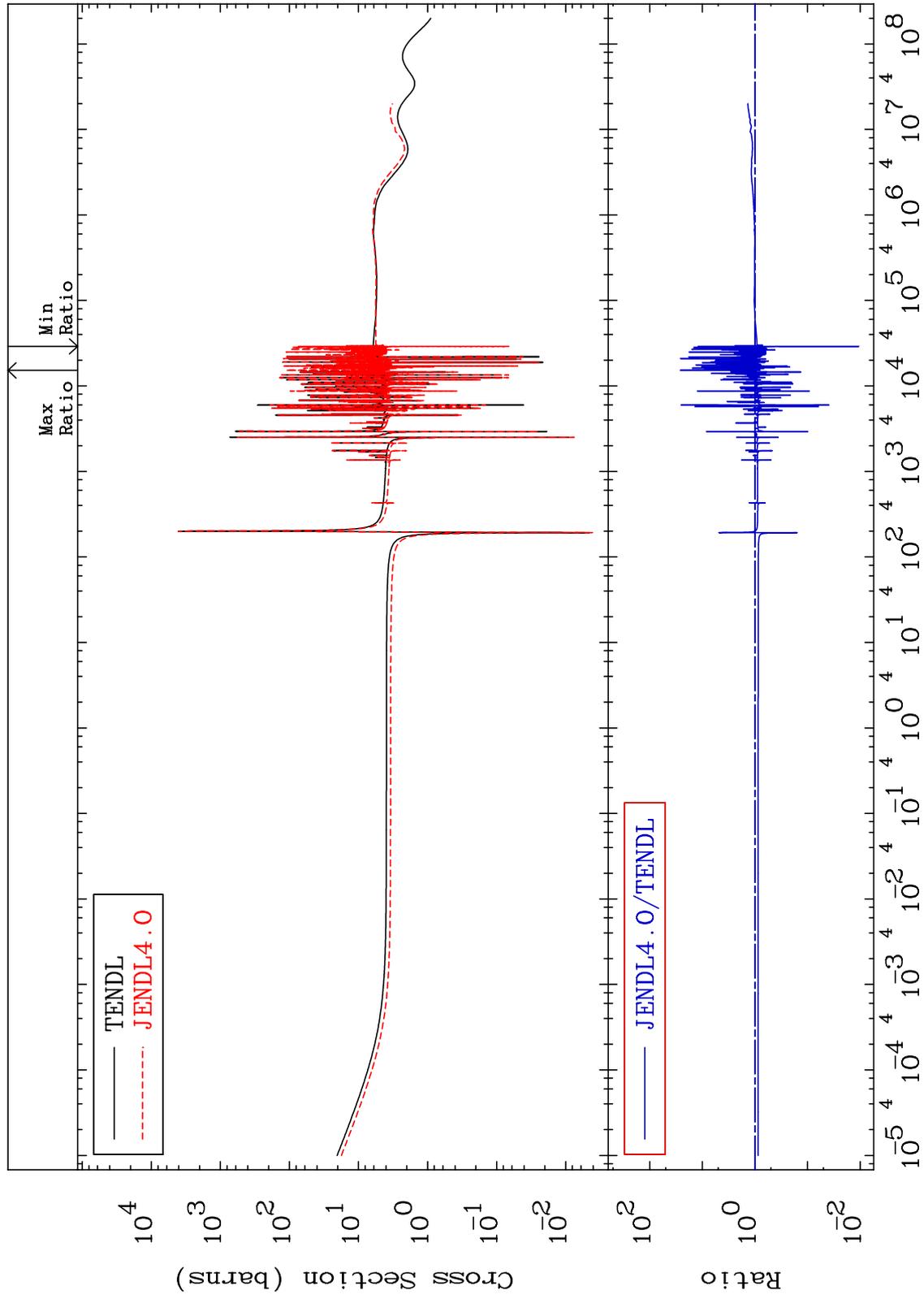
52-Te-126

1

MAT 5243

Elastic
Cross Section

52-Te-126
-98.93 To 2522. %



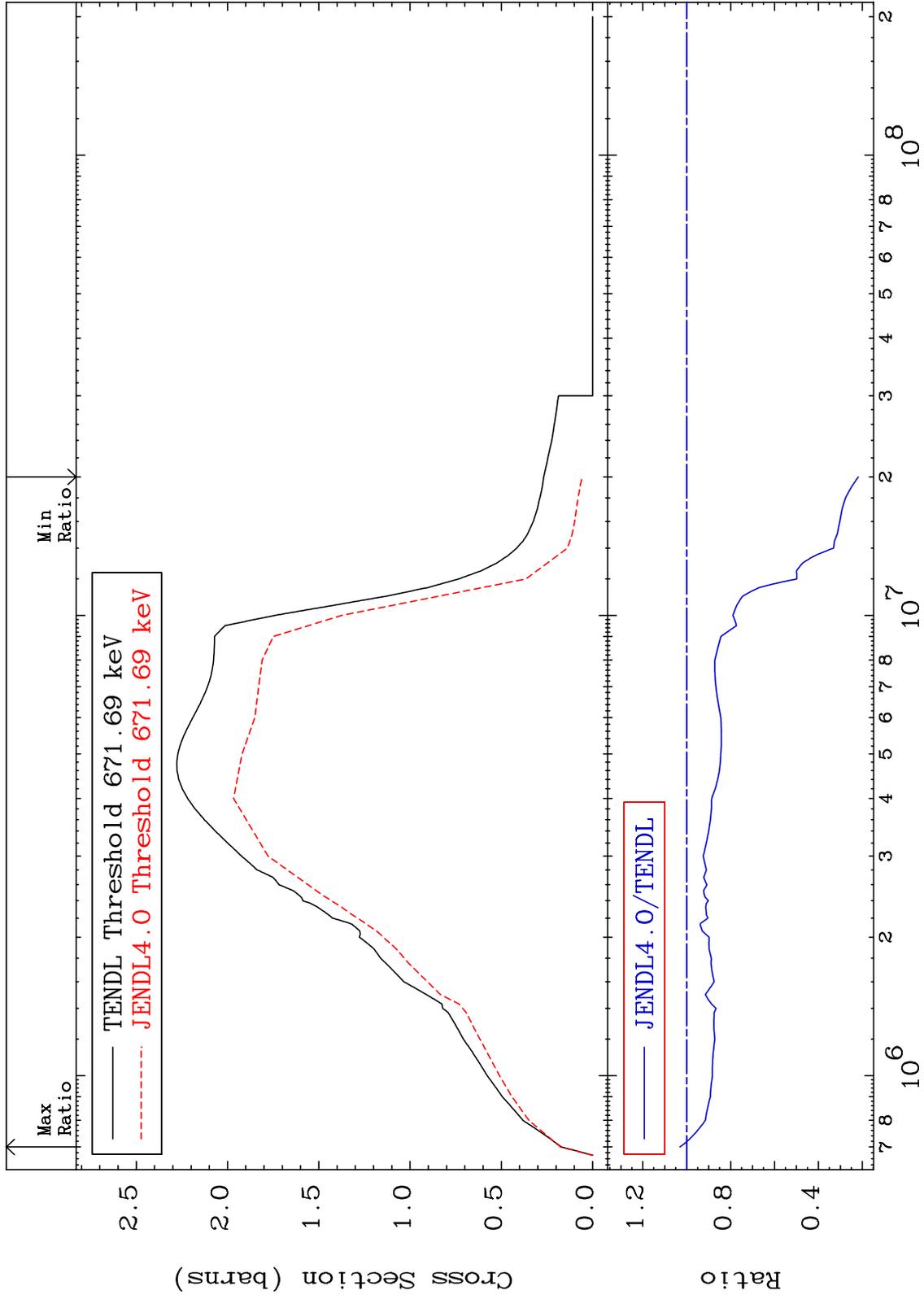
MAT 5243

Inelastic

52-Te-126

Cross Section

-78.22 To 3.086 %



3

Incident Energy (eV)

52-Te-126

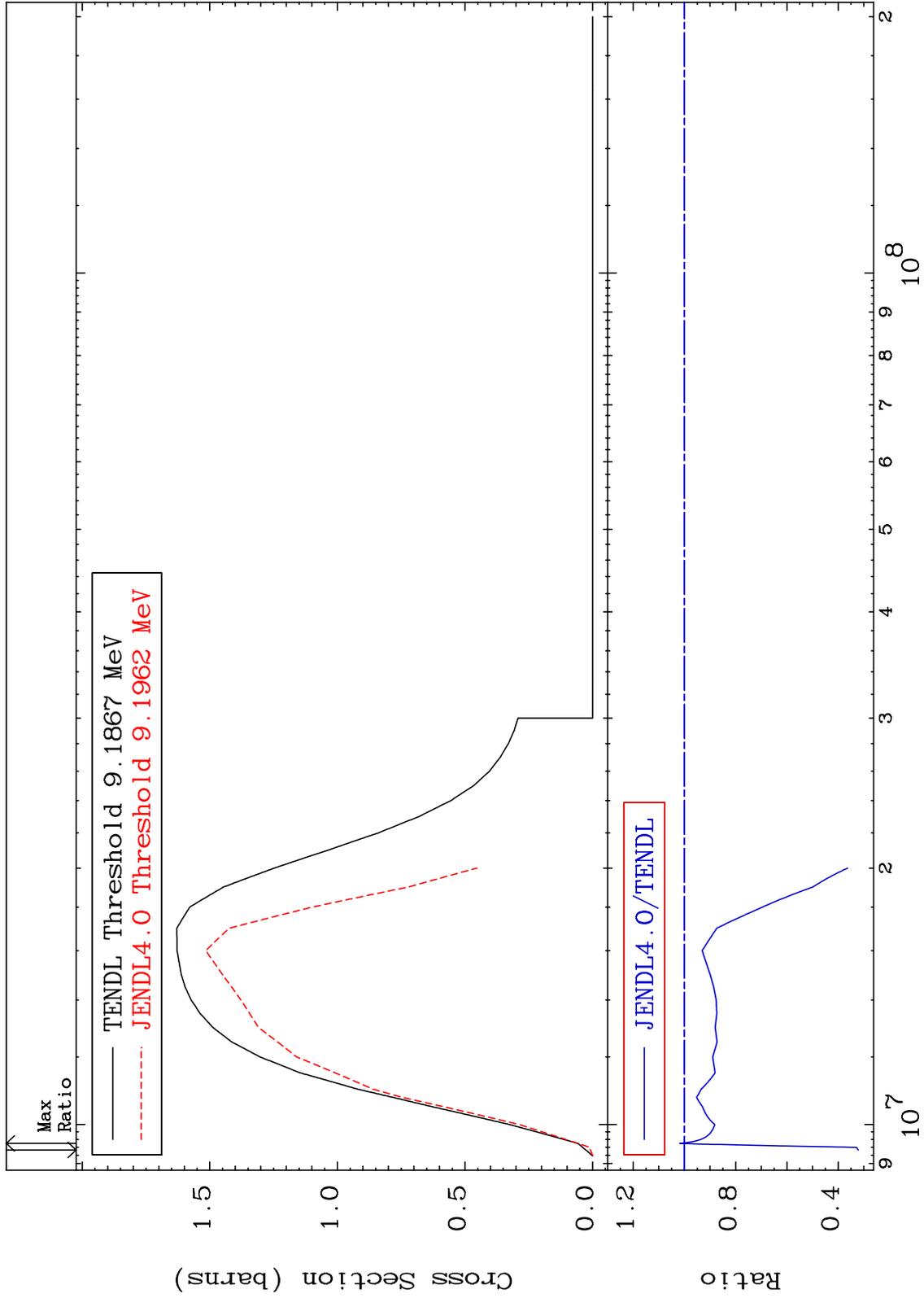
MAT 5243

(n,2n)

52-Te-126

Cross Section

-67.88 To 1.752 %



52-Te-126

Incident Energy (eV)

4

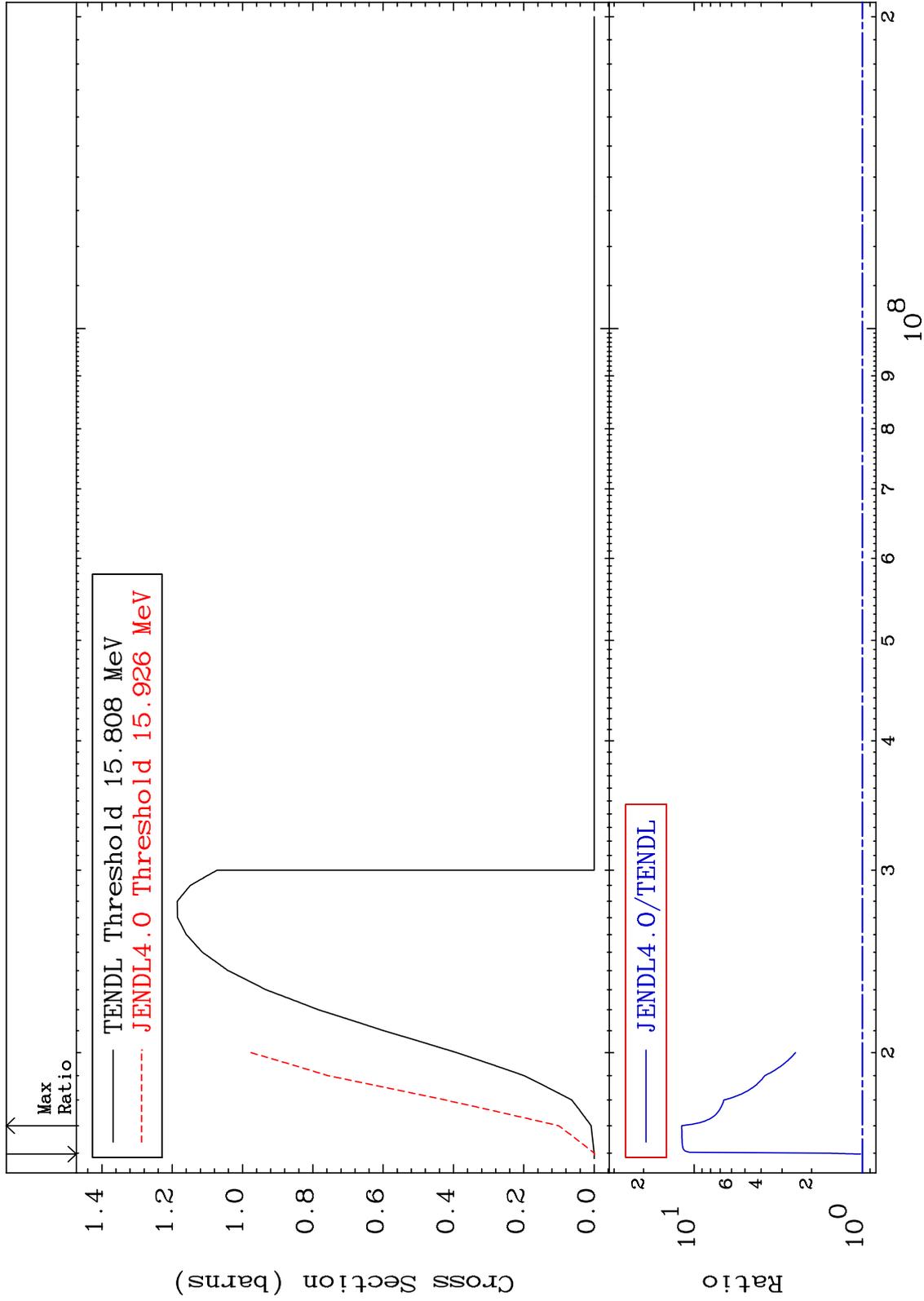
MAT 5243

(n, 3n)

52-Te-126

Cross Section

2.216 To 1086. %



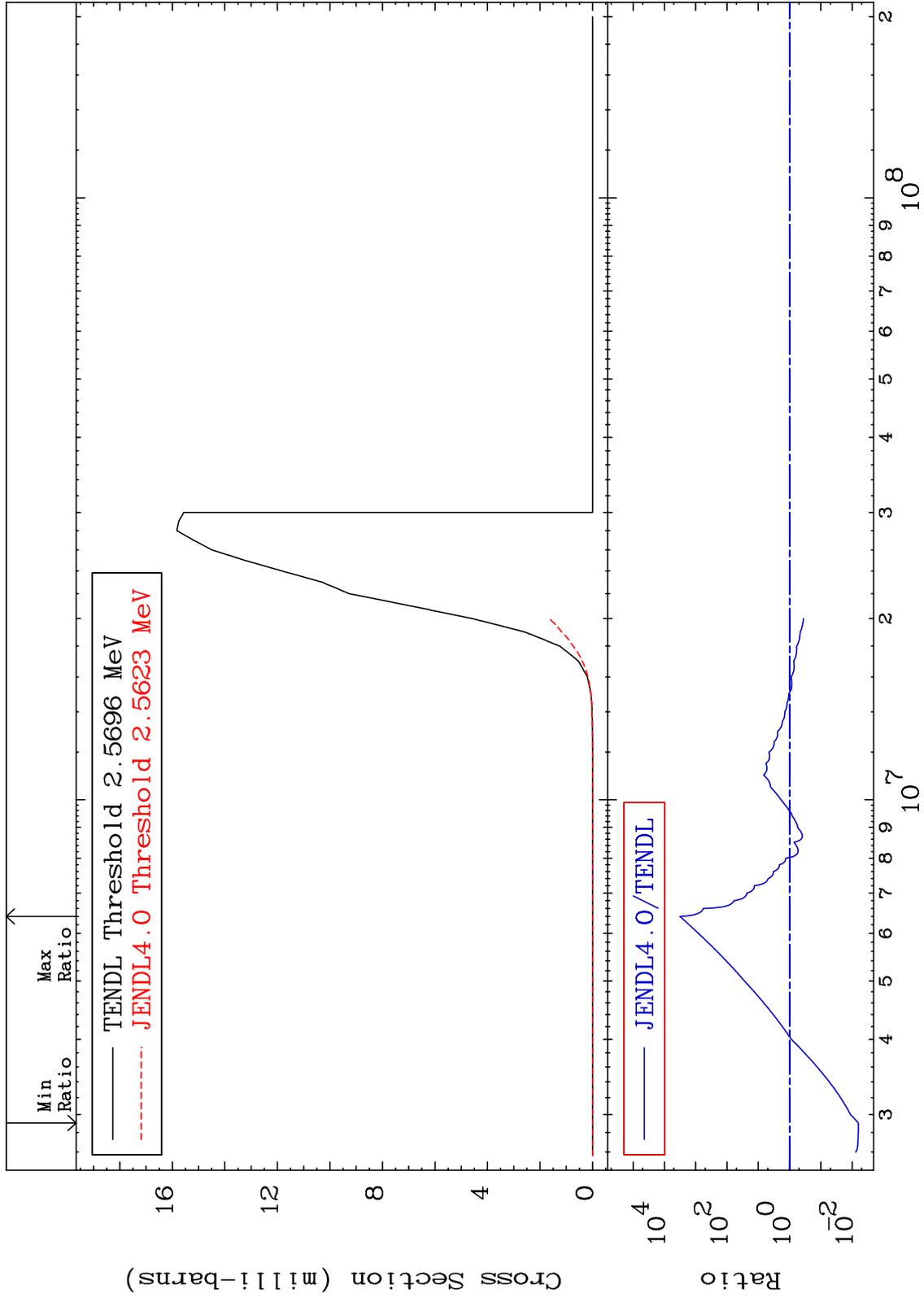
MAT 5243

(n,n') α

52-Te-126

Cross Section

-99.37 To 9999. %



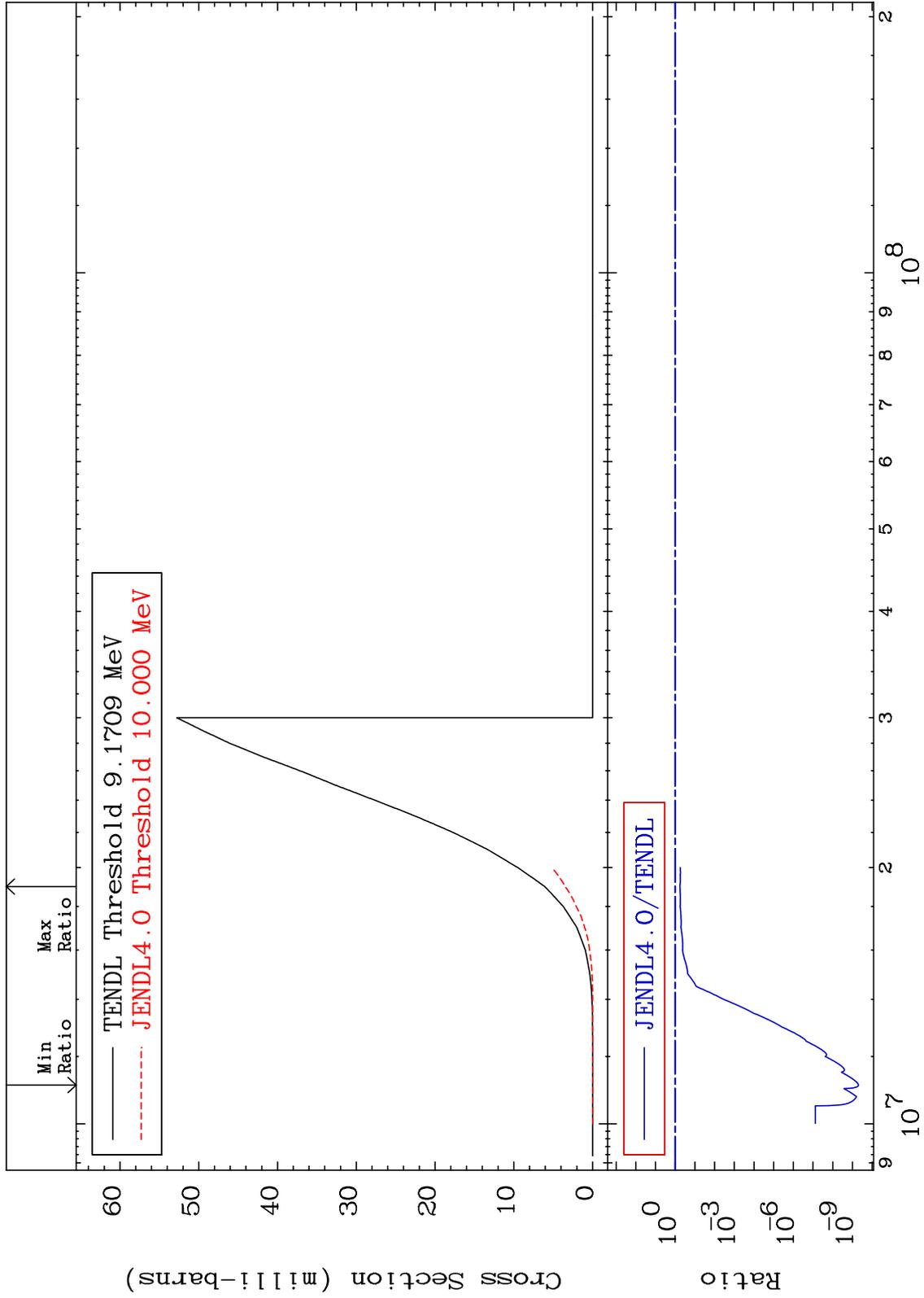
MAT 5243

(n,n') p

52-Te-126

Cross Section

-100.0 To -42.69%



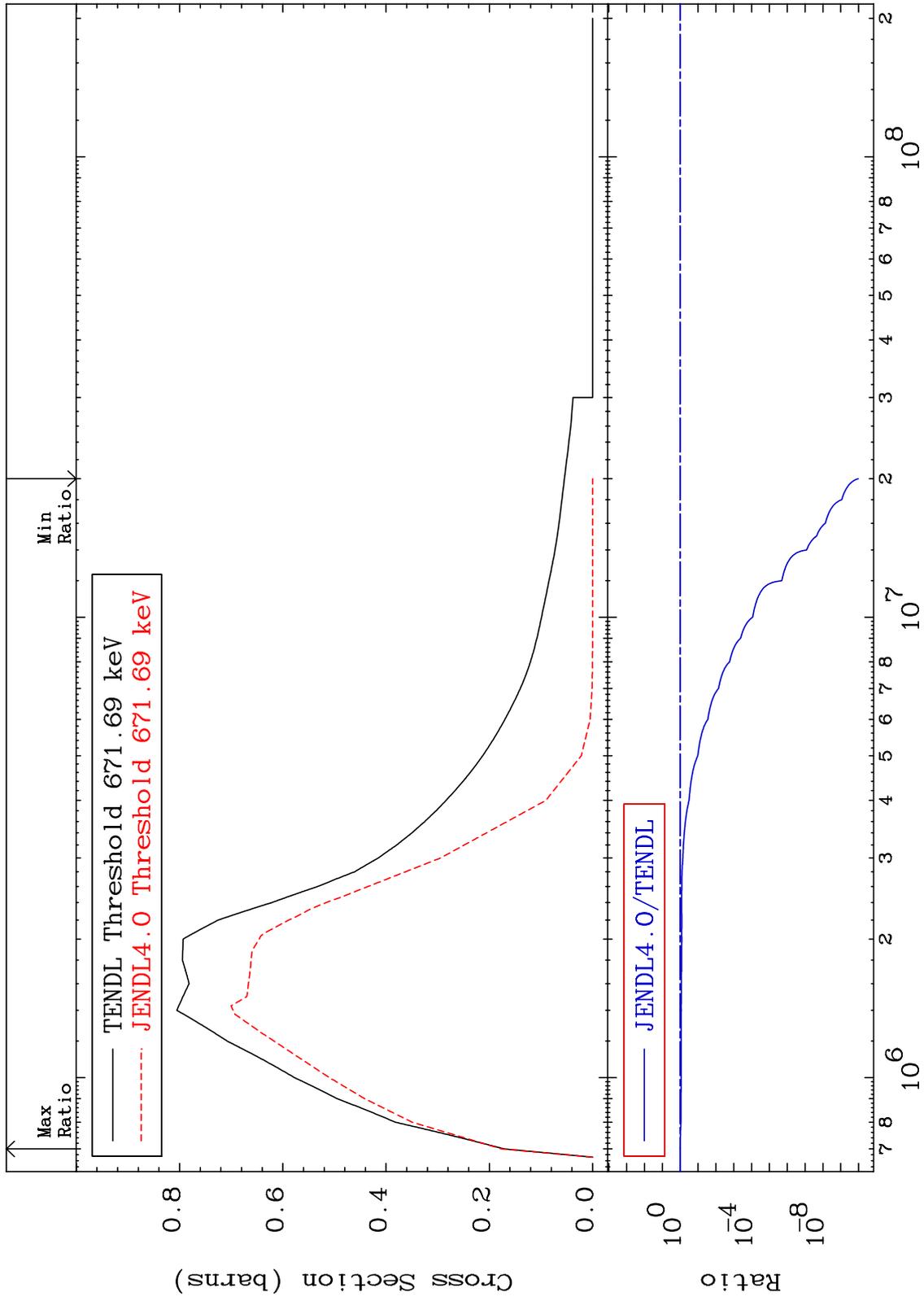
Incident Energy (eV)

52-Te-126

MAT 5243

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

52-Te-126
-100.0 To 3.086 %

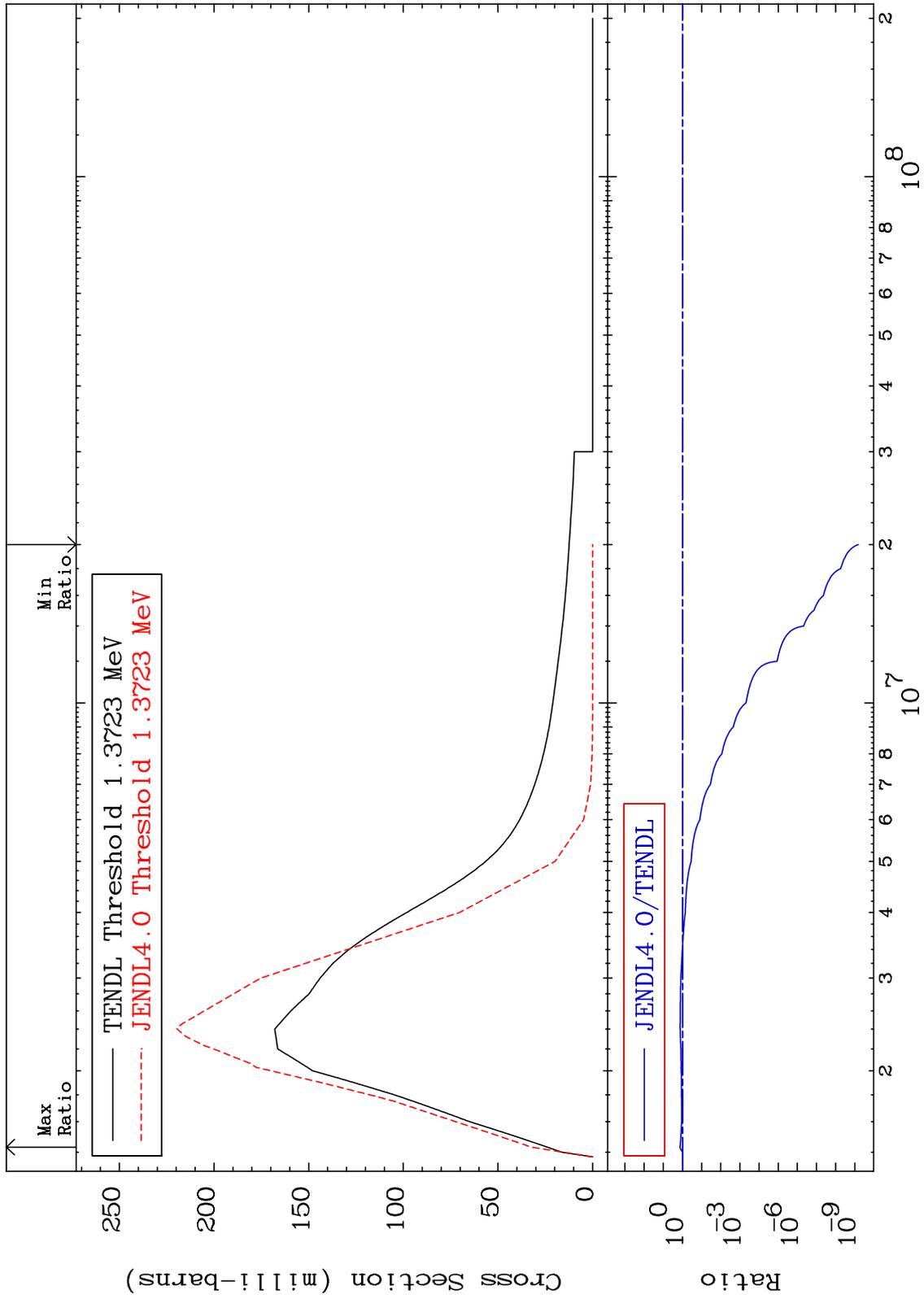


8

Incident Energy (eV)

52-Te-126

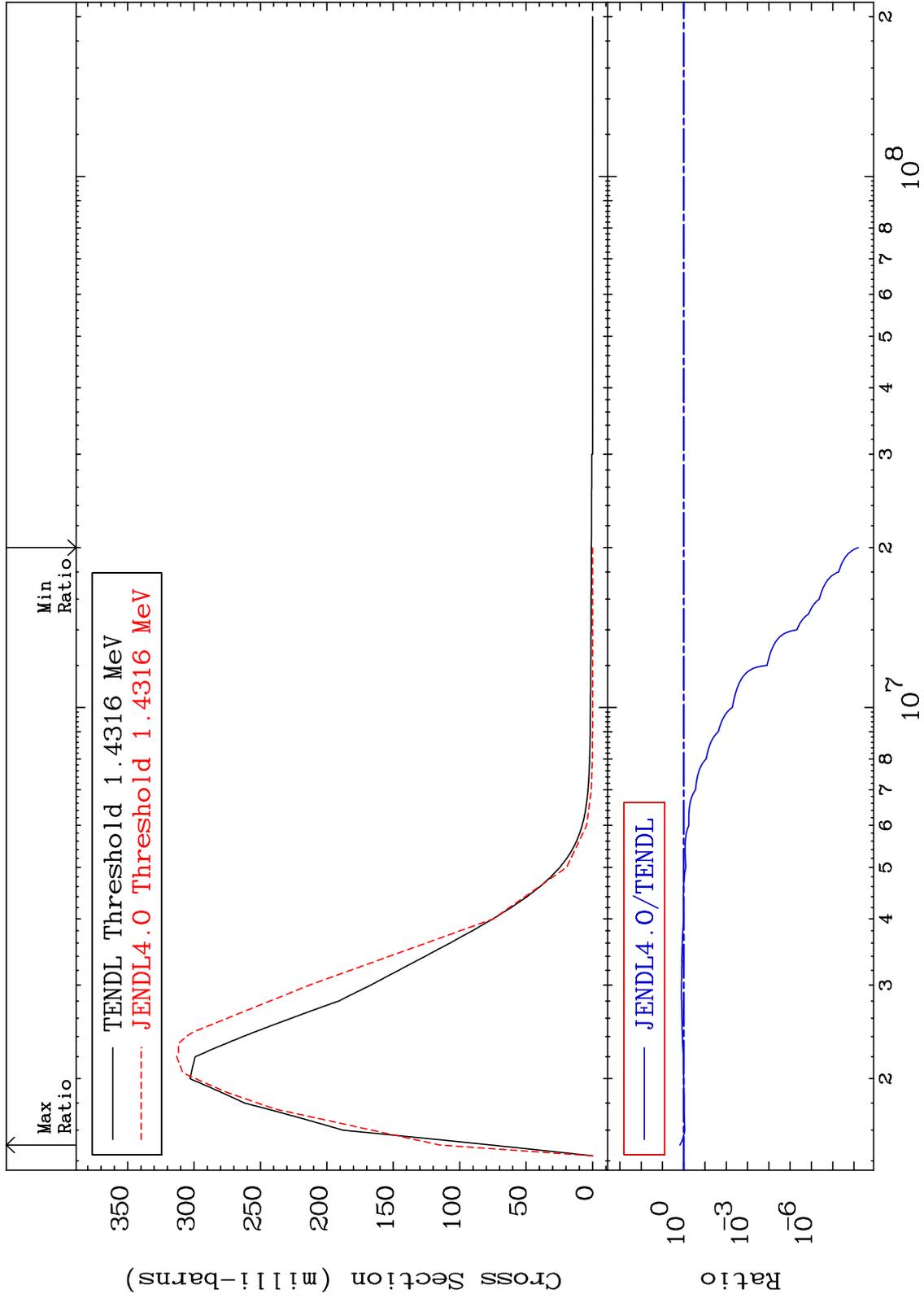
MAT 5243 MT= 52 (n,n') Level Cross Section 52-Te-126
 -100.0 To 35.02 %



MAT 5243

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

52-Te-126
-100.0 To 50.55 %

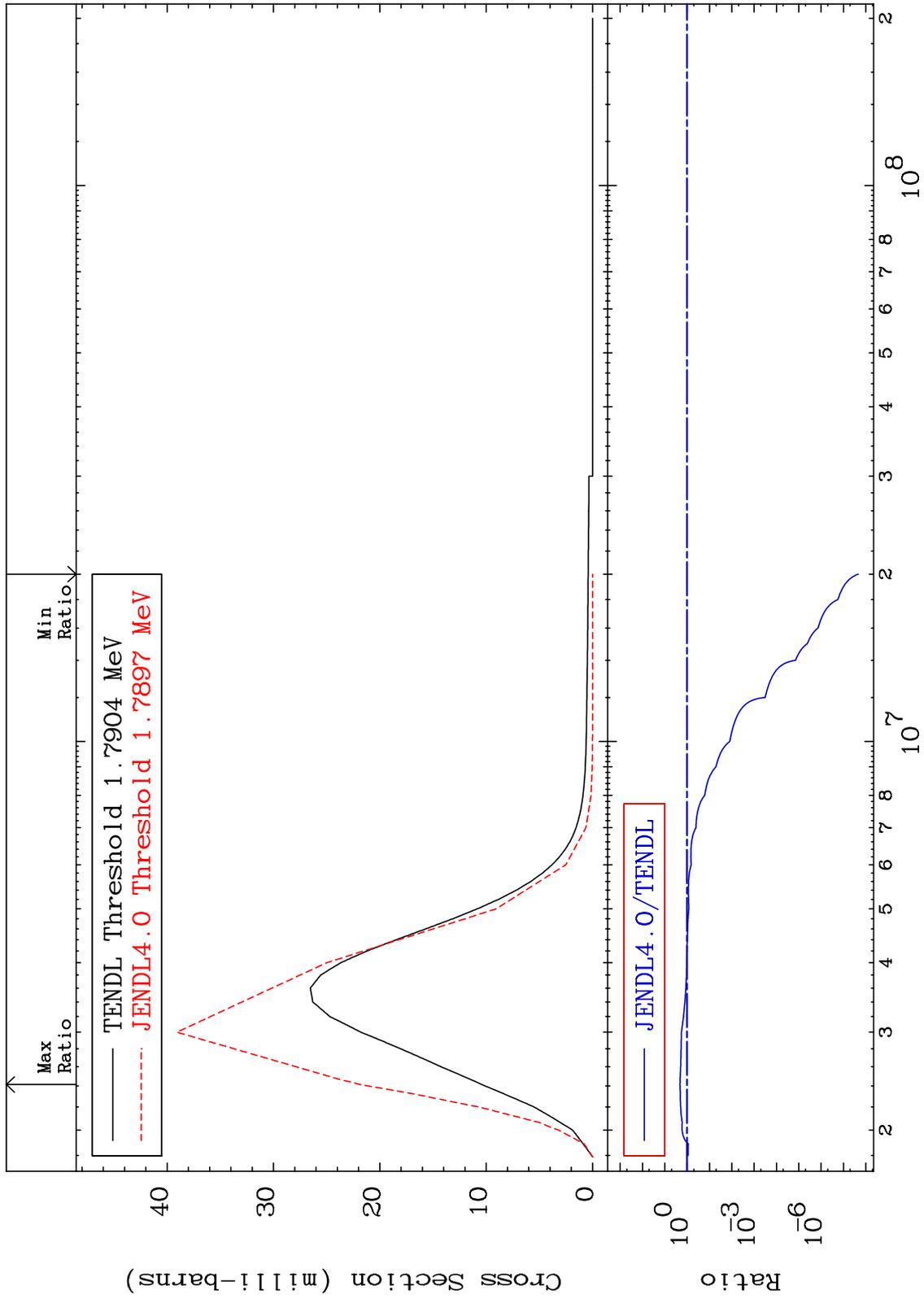


10

Incident Energy (eV)

52-Te-126

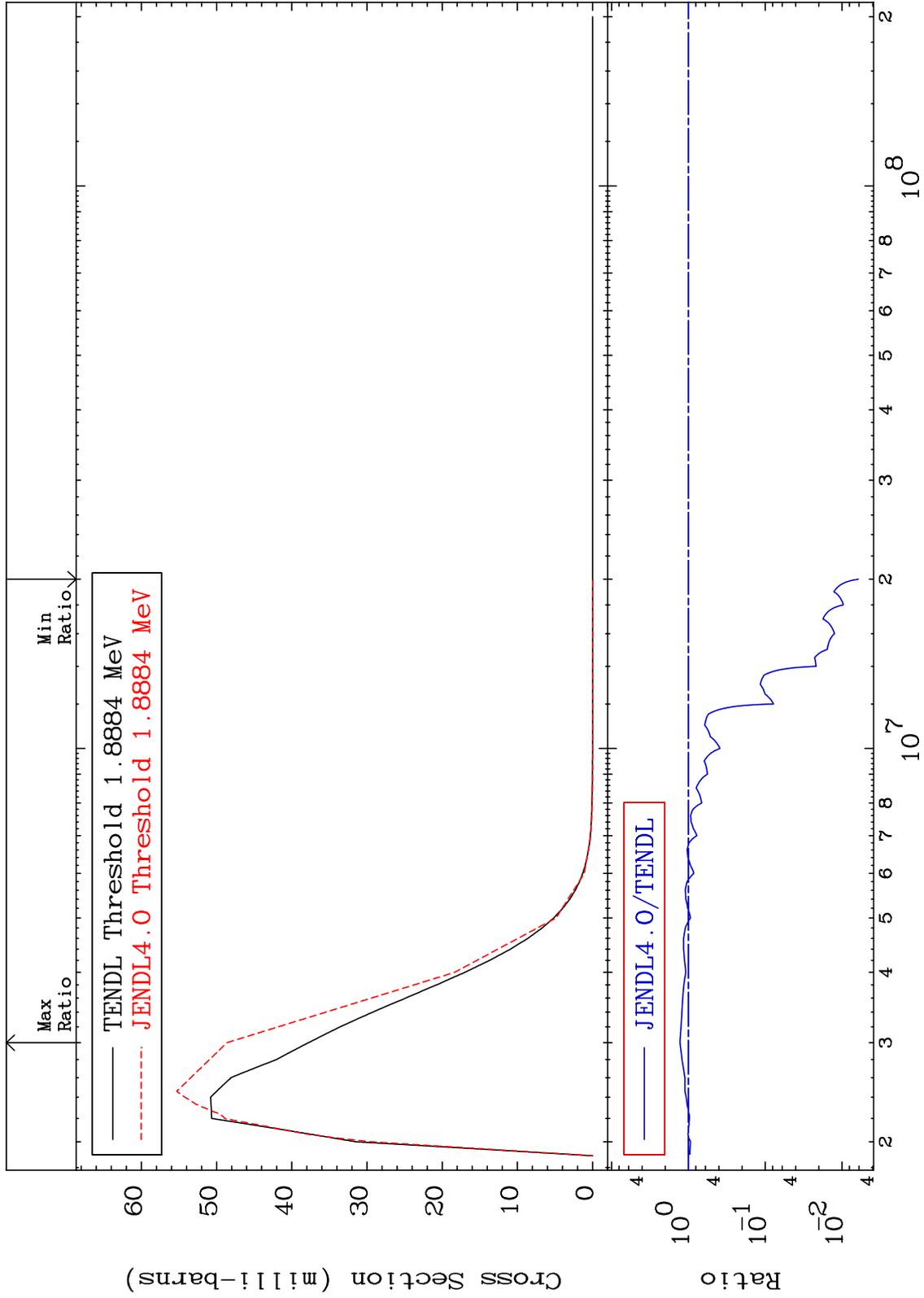
MAT 5243 MT= 54 (n,n') Level Cross Section 52-Te-126
 -100.0 To 110.1 %



MAT 5243

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

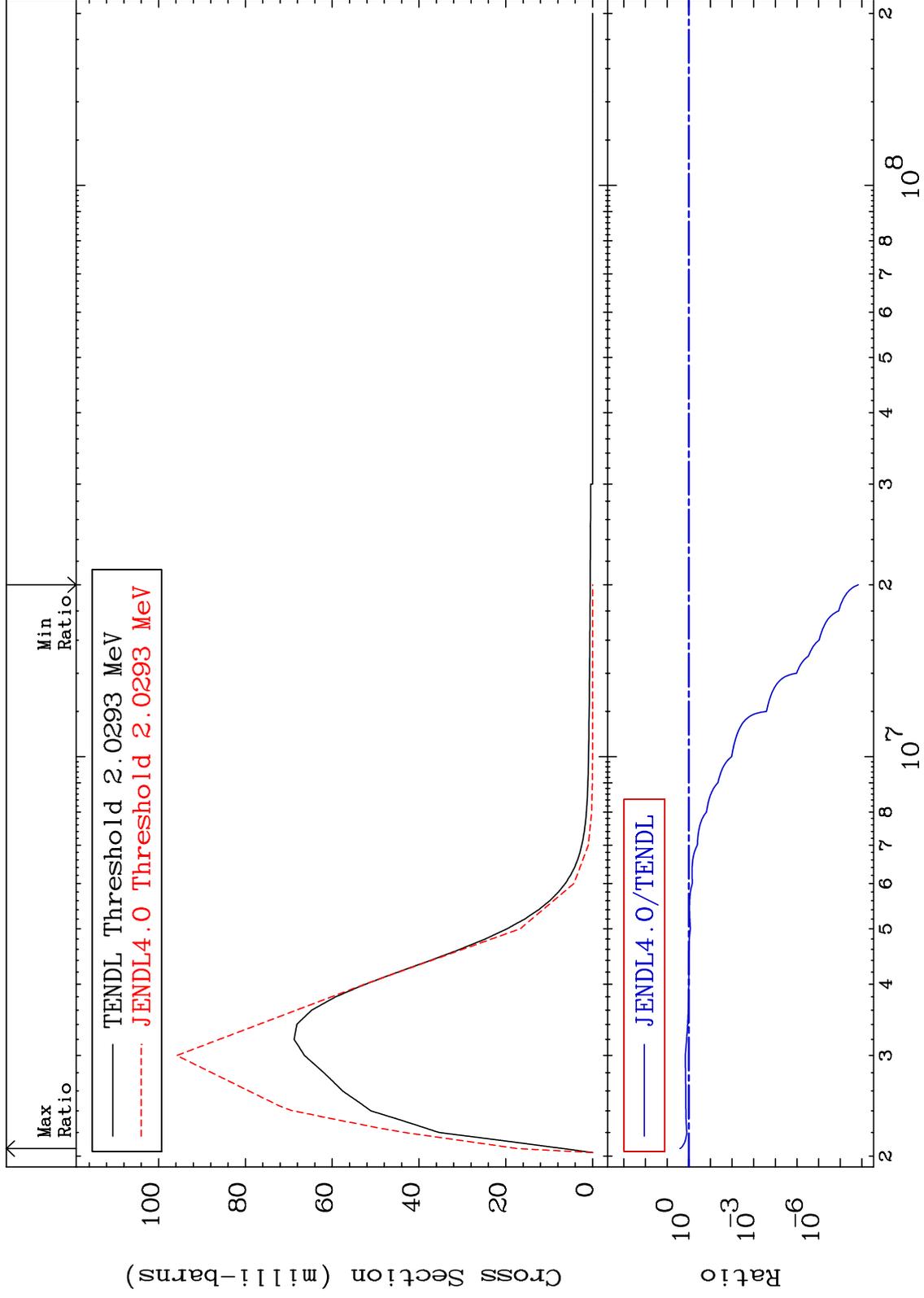
52-Te-126
-99.39 To 28.70 %



MAT 5243

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

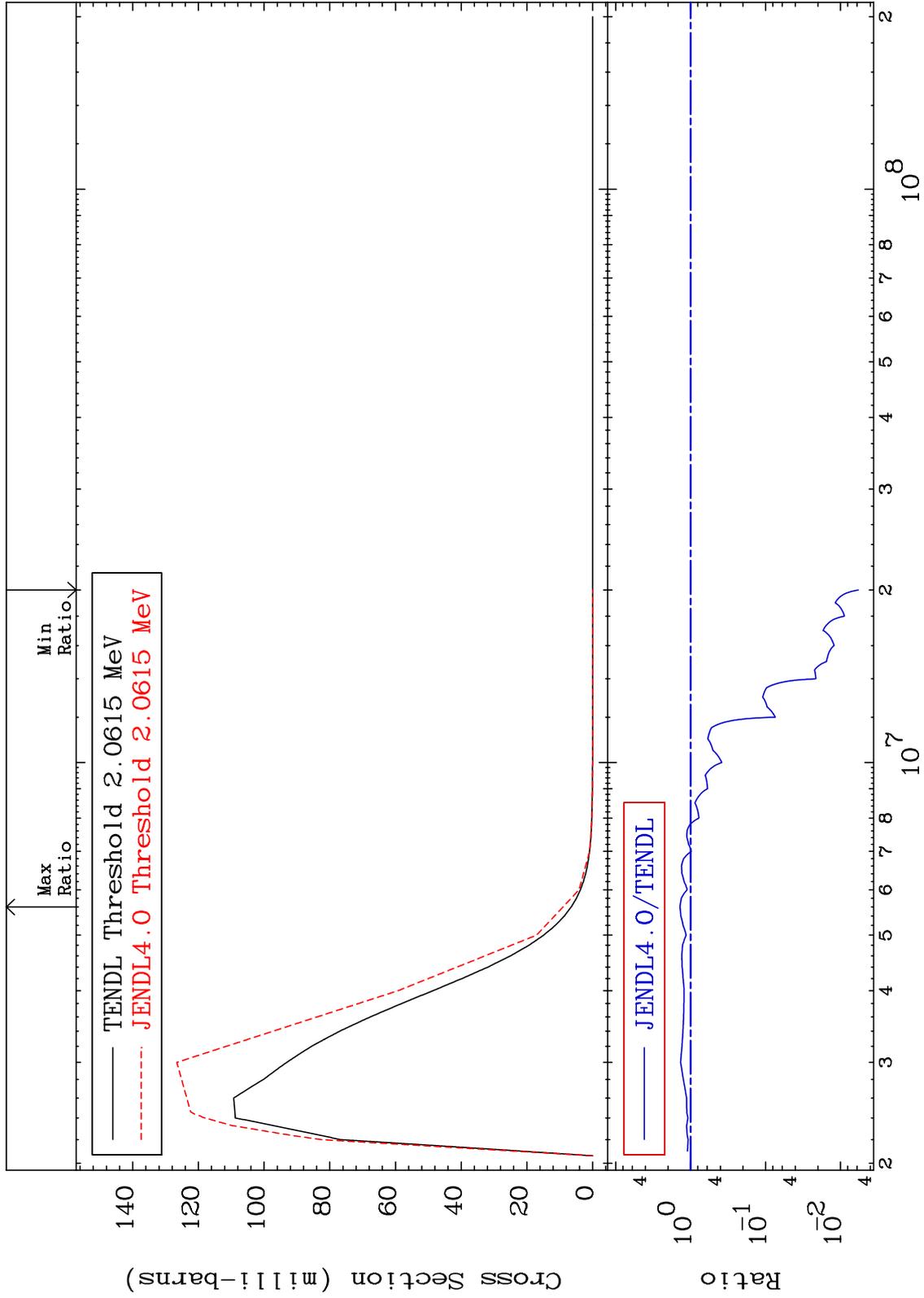
52-Te-126
-100.0 To 155.8 %



MAT 5243

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

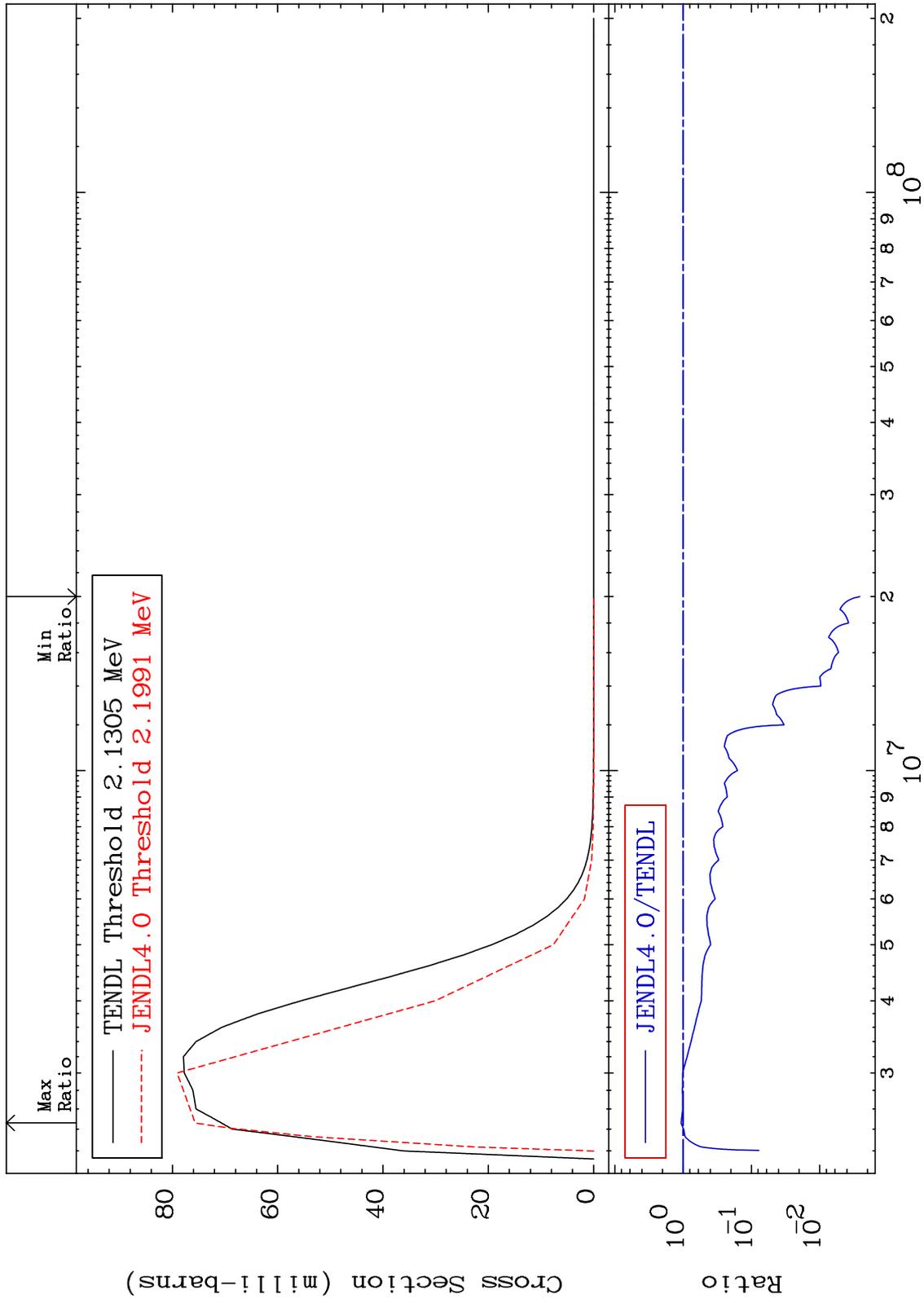
52-Te-126
-99.42 To 38.67 %



MAT 5243

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

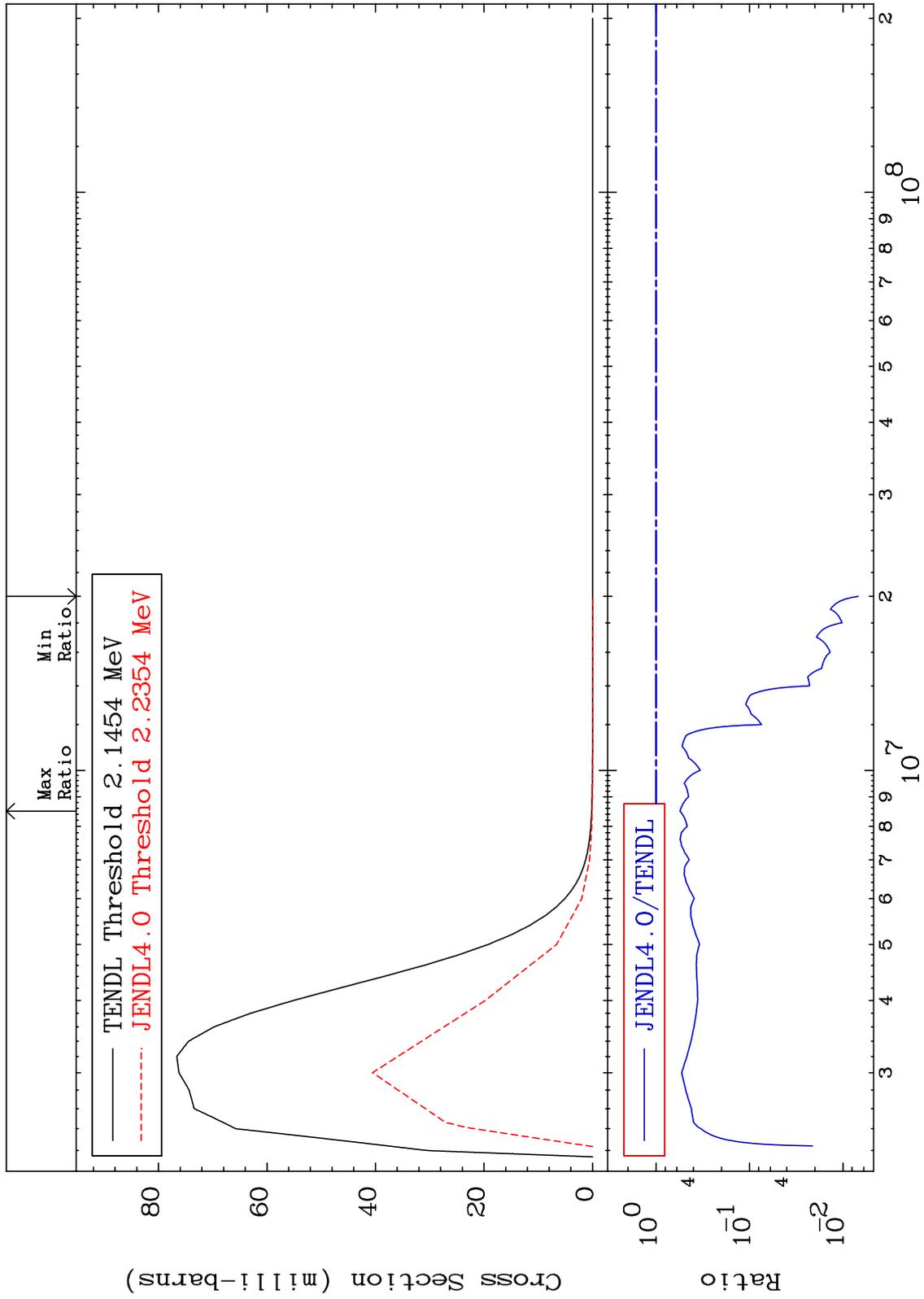
52-Te-126
-99.74 To 7.032 %



MAT 5243

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

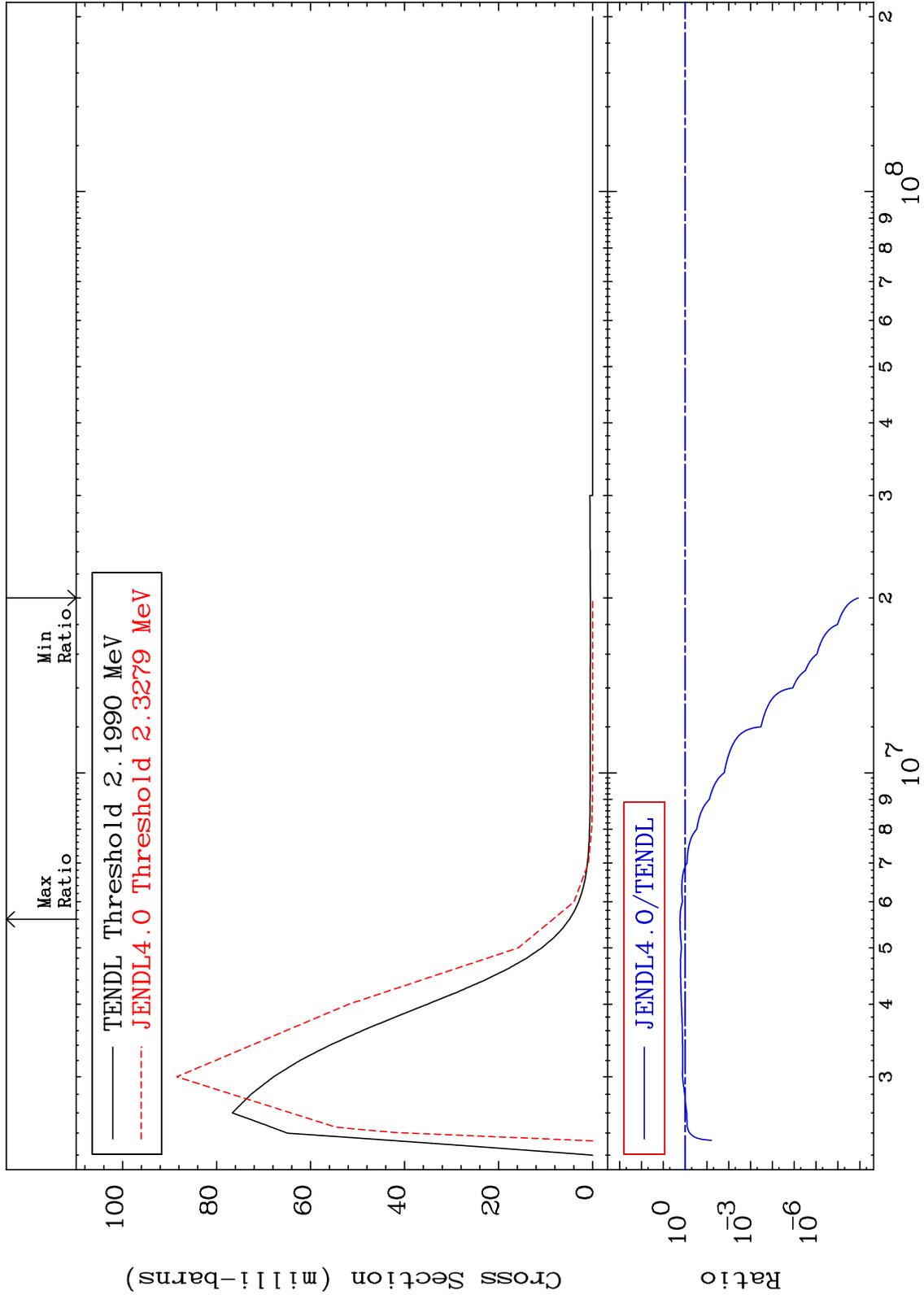
52-Te-126
-99.31 To -44.41%



MAT 5243

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

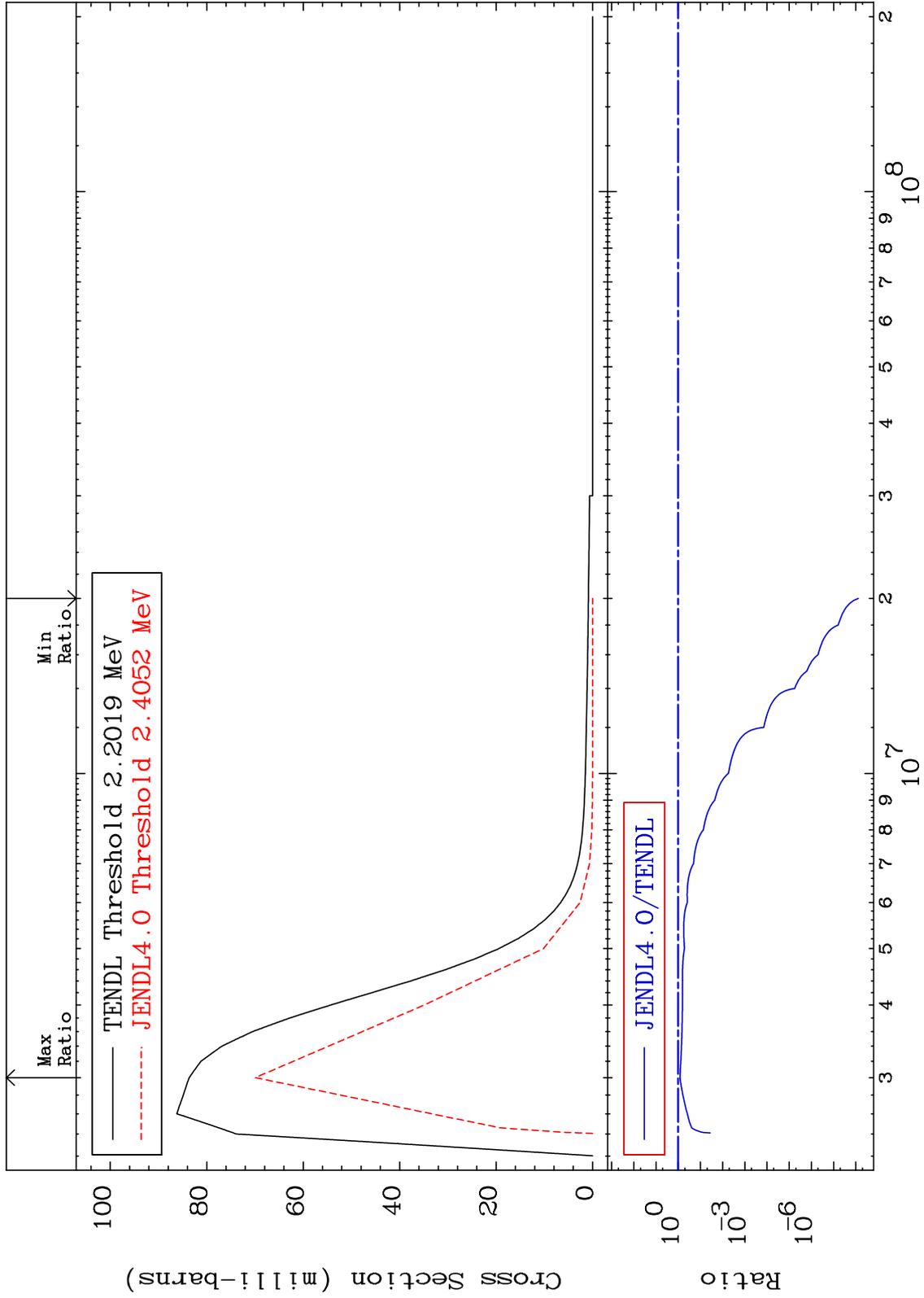
52-Te-126
-100.0 To 71.85 %



MAT 5243

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

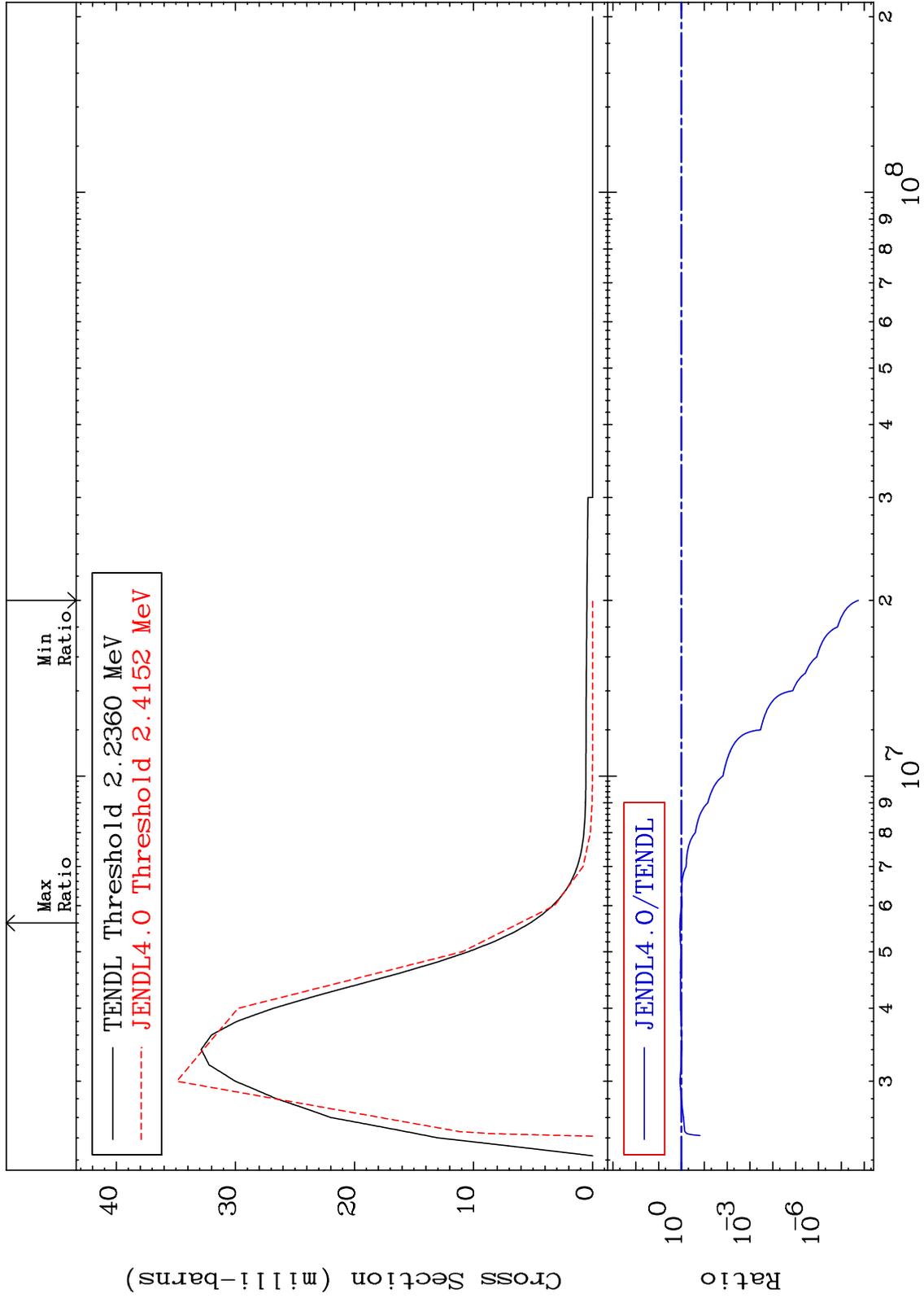
52-Te-126
-100.0 To -16.40%

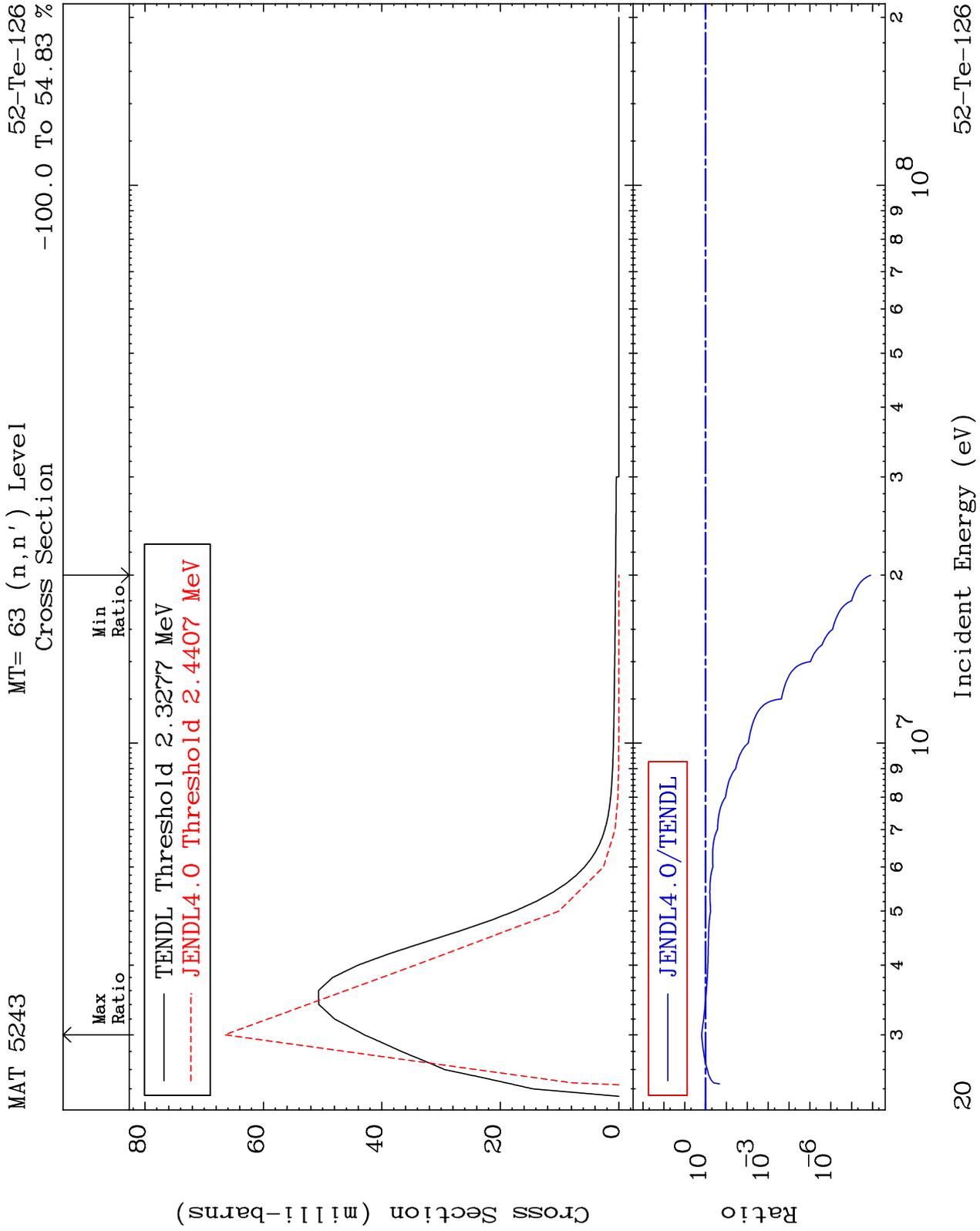


MAT 5243

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

52-Te-126
-100.0 To 17.00 %

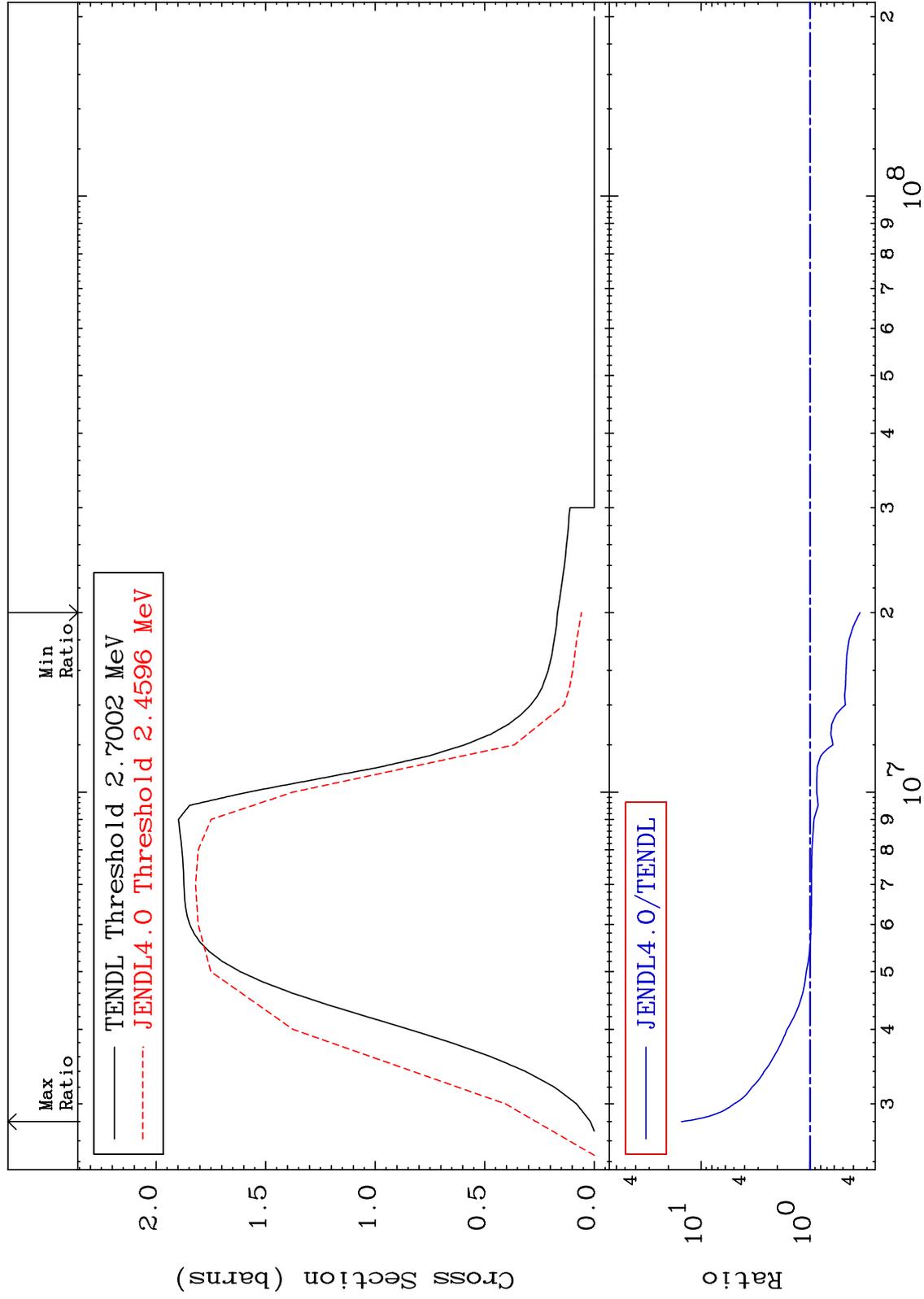




MAT 5243

(n, n') Continuum
Cross Section

52-Te-126
-65.22 To 1413. %



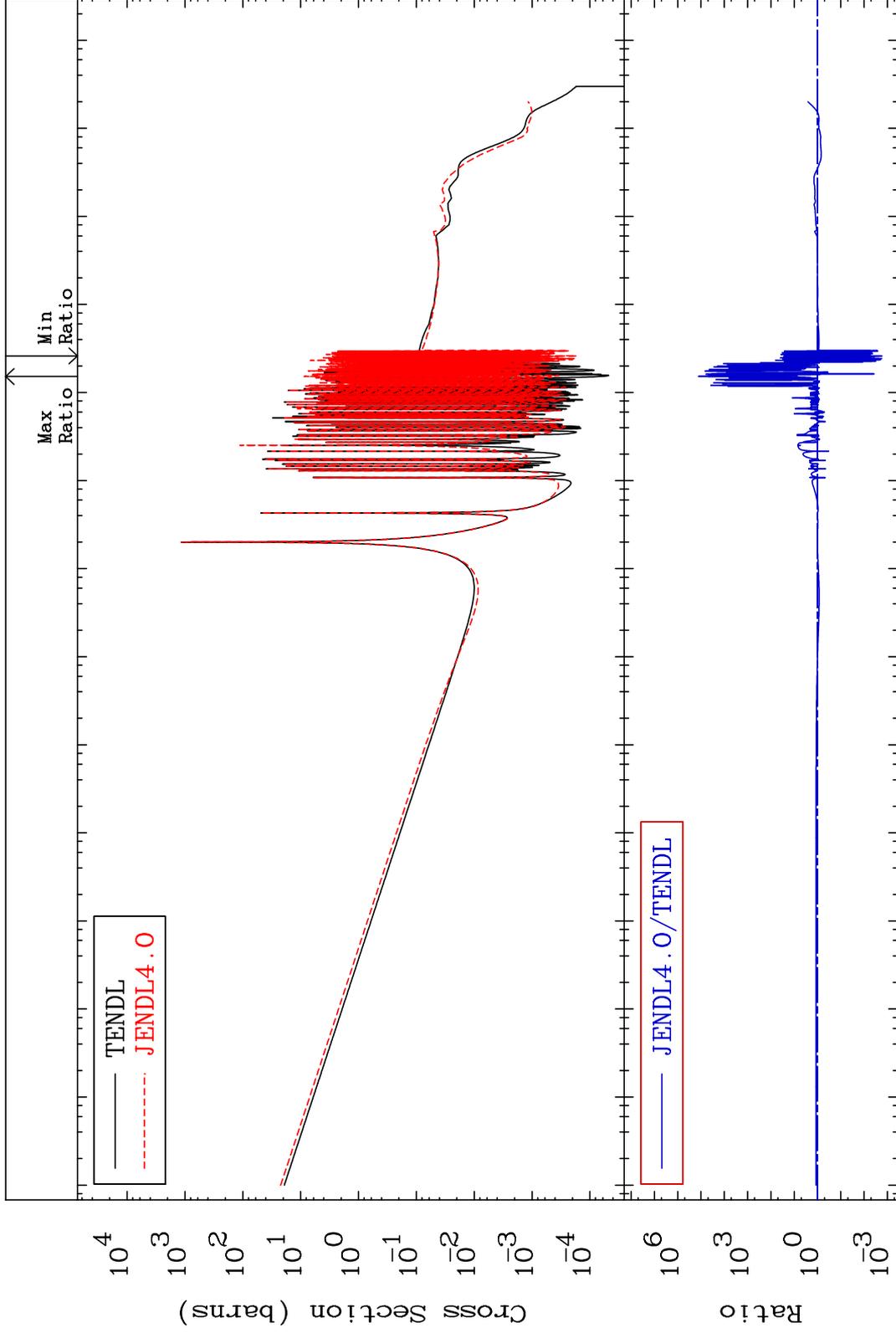
MAT 5243

(n, γ)

52-Te-126

Cross Section

-99.83 To 9999. %



Incident Energy (eV)

22

52-Te-126

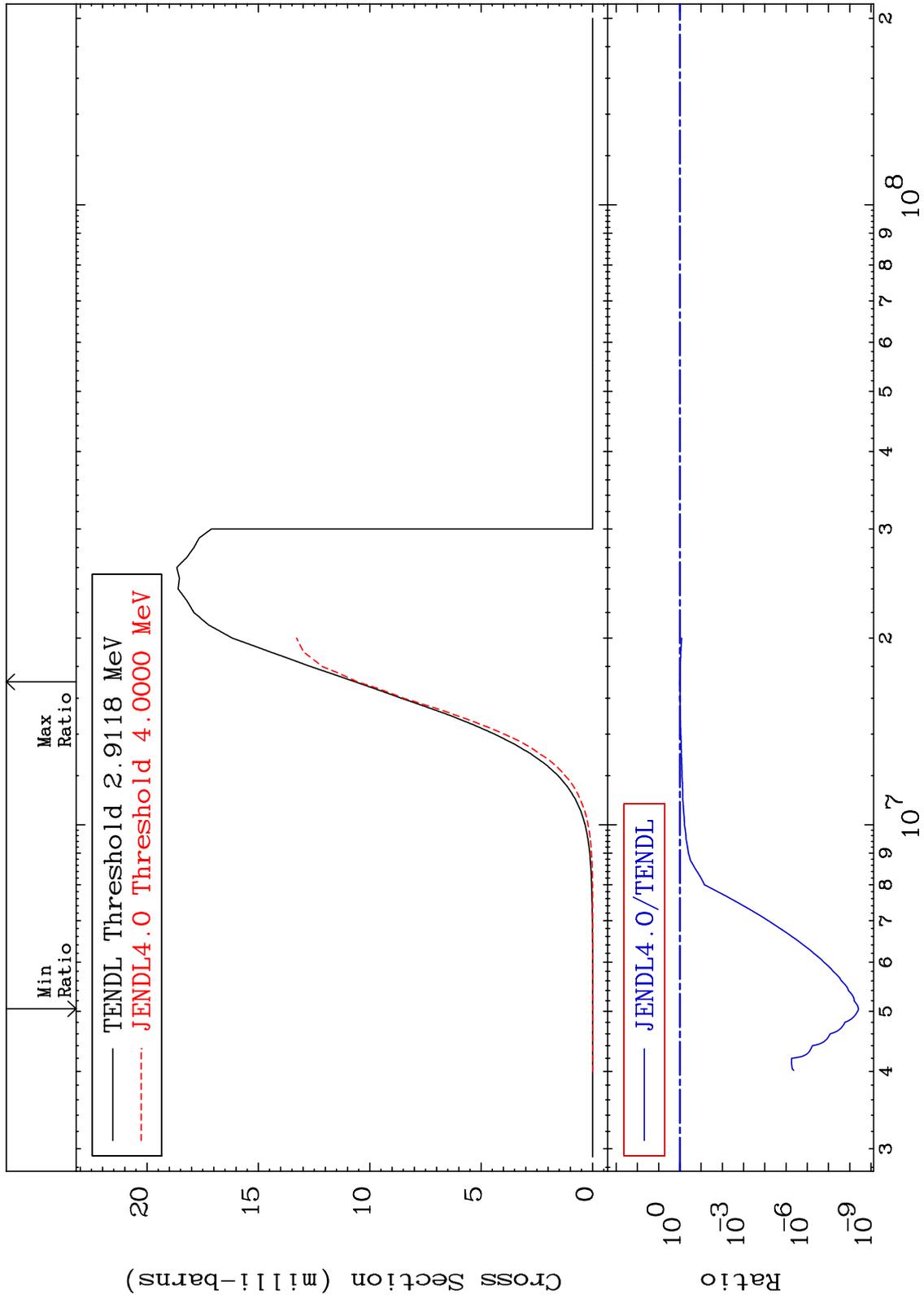
MAT 5243

(n, p)

52-Te-126

Cross Section

-100.0 To -0.968%



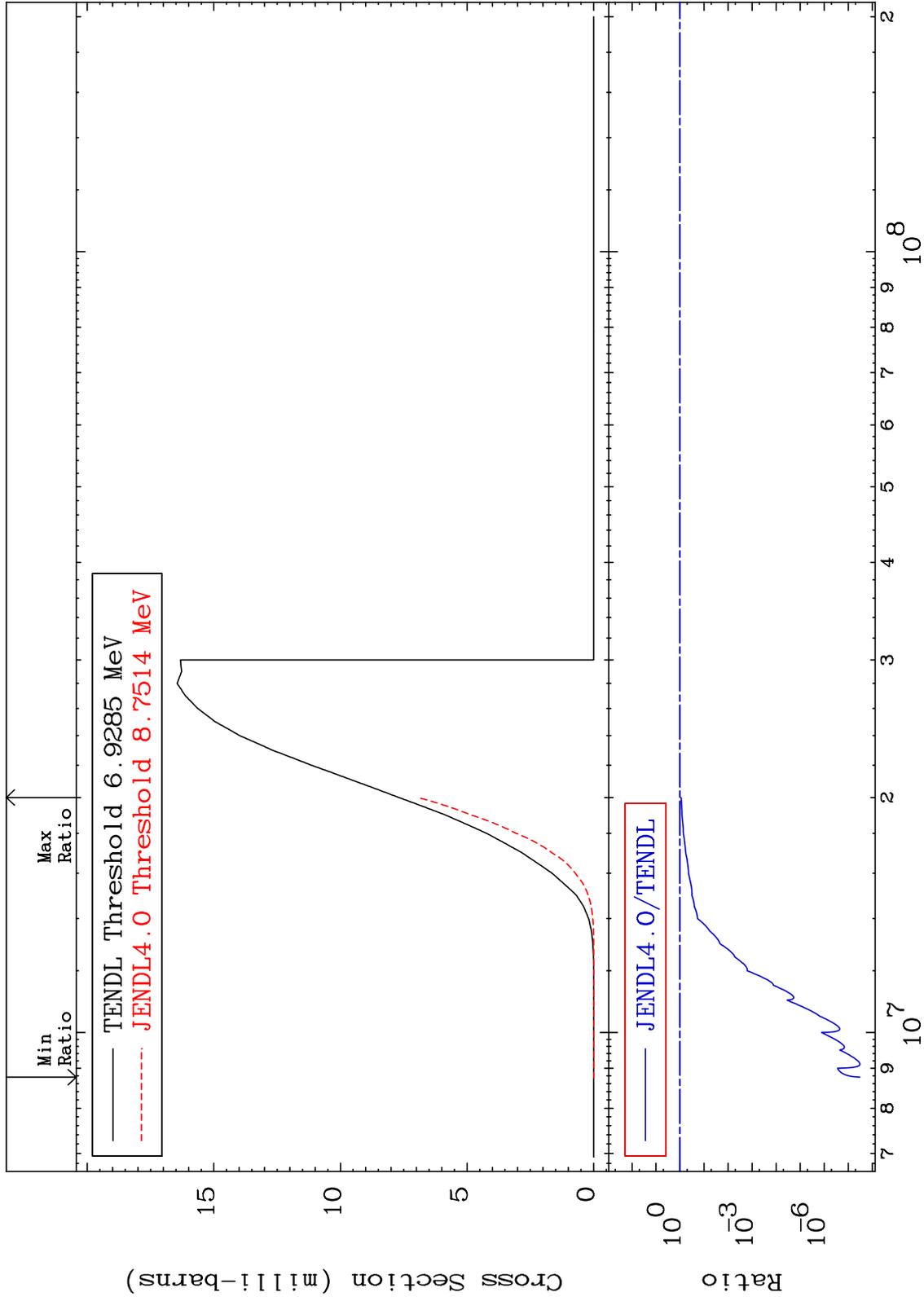
MAT 5243

(n, d)

52-Te-126

Cross Section

-100.0 To -9.842%



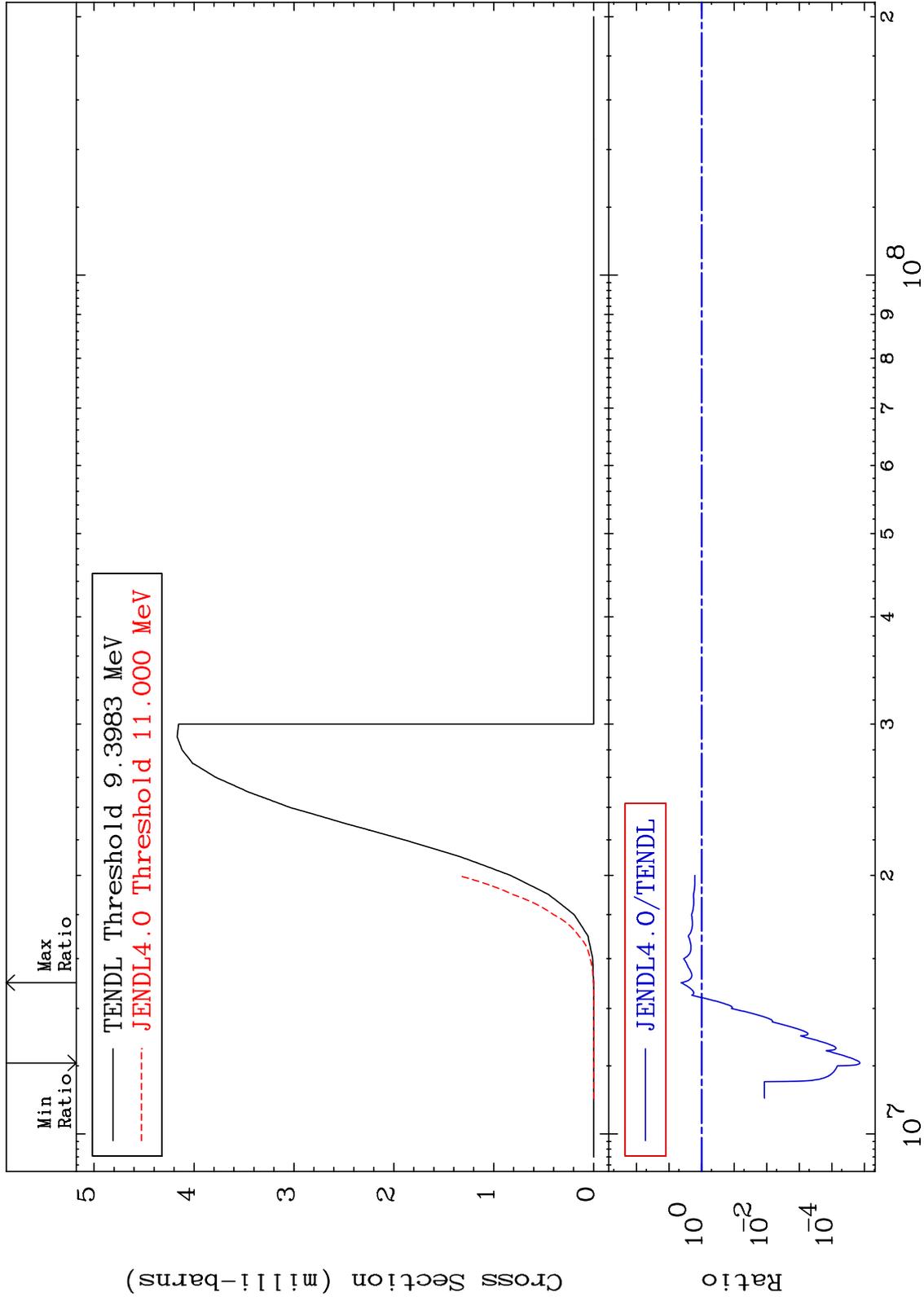
MAT 5243

(n, t)

52-Te-126

Cross Section

-100.0 To 327.4 %



Incident Energy (eV)

52-Te-126

25

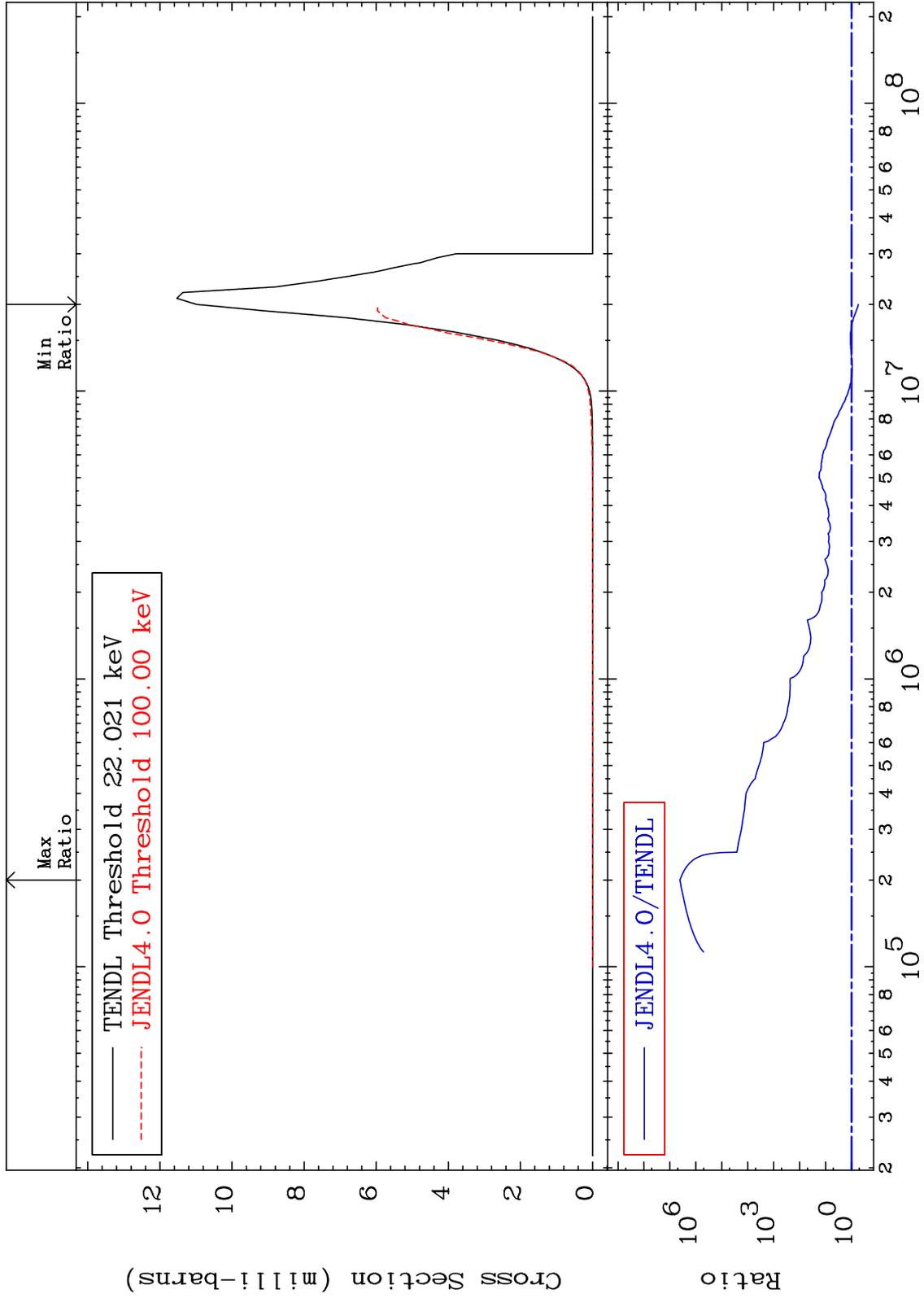
MAT 5243

(n, α)

52-Te-126

Cross Section

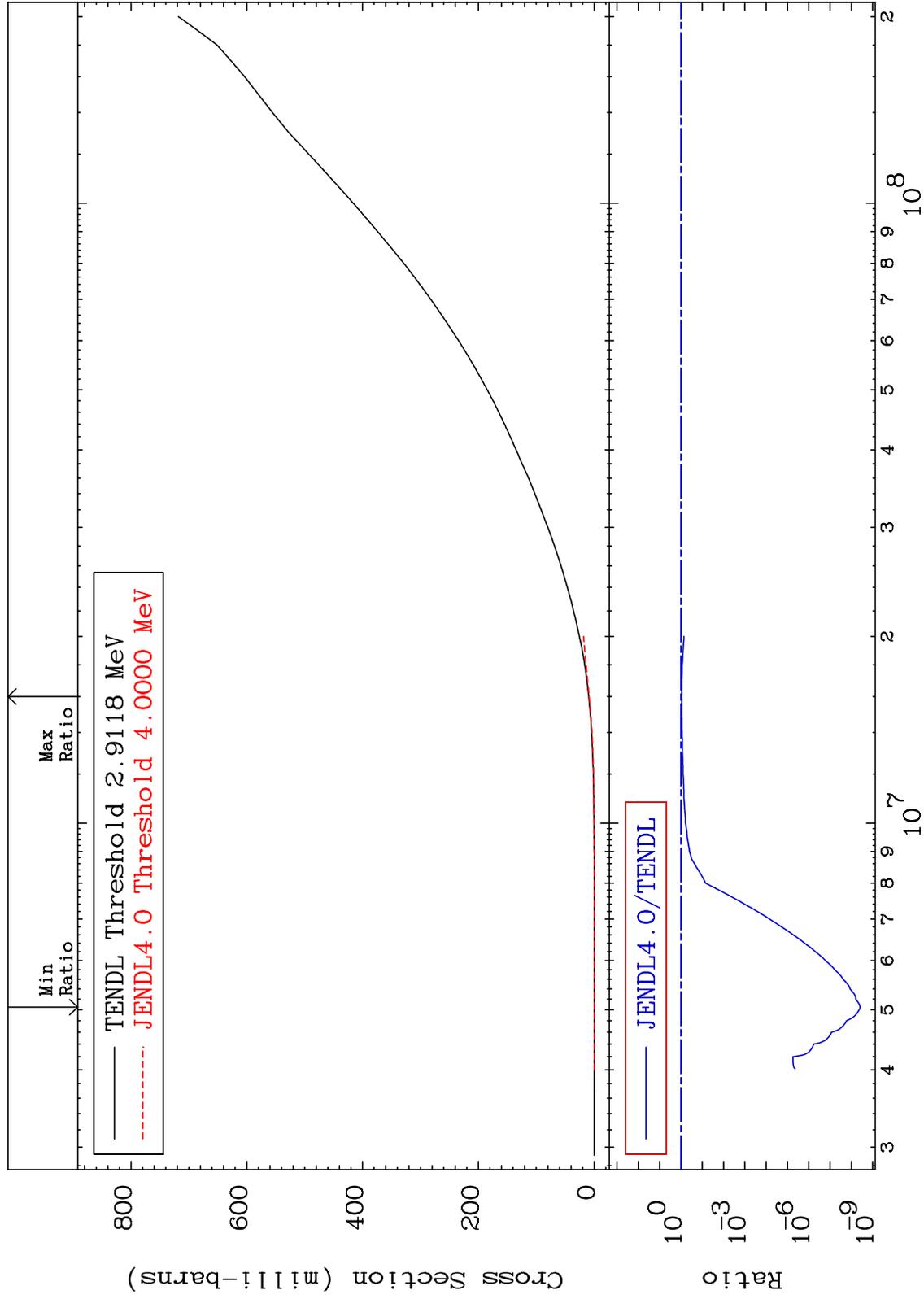
-45.82 To 9999. %



MAT 5243

Hydrogen Production
Cross Section

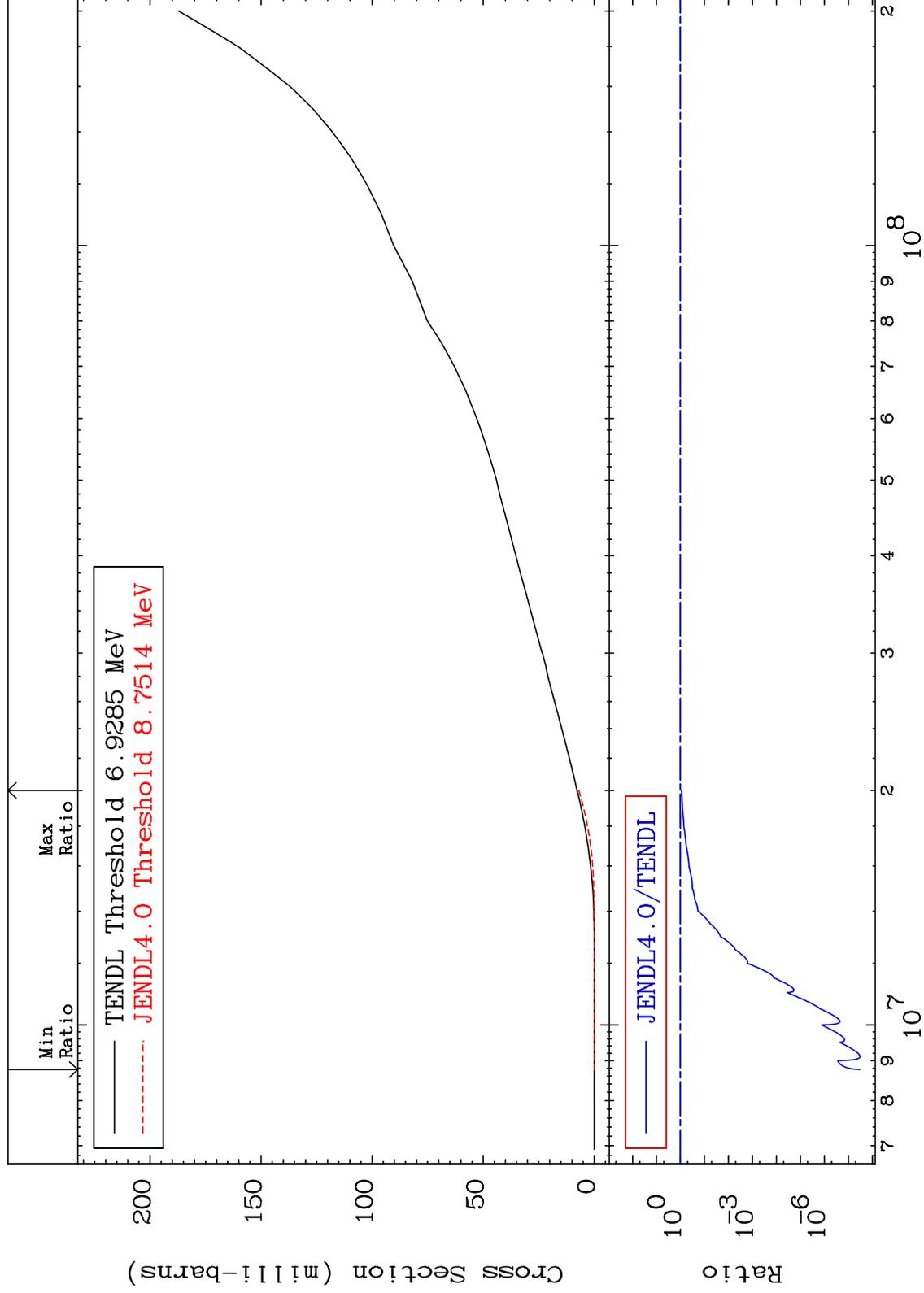
52-Te-126
-100.0 To -6.648%



MAT 5243

Deuterium Production
Cross Section

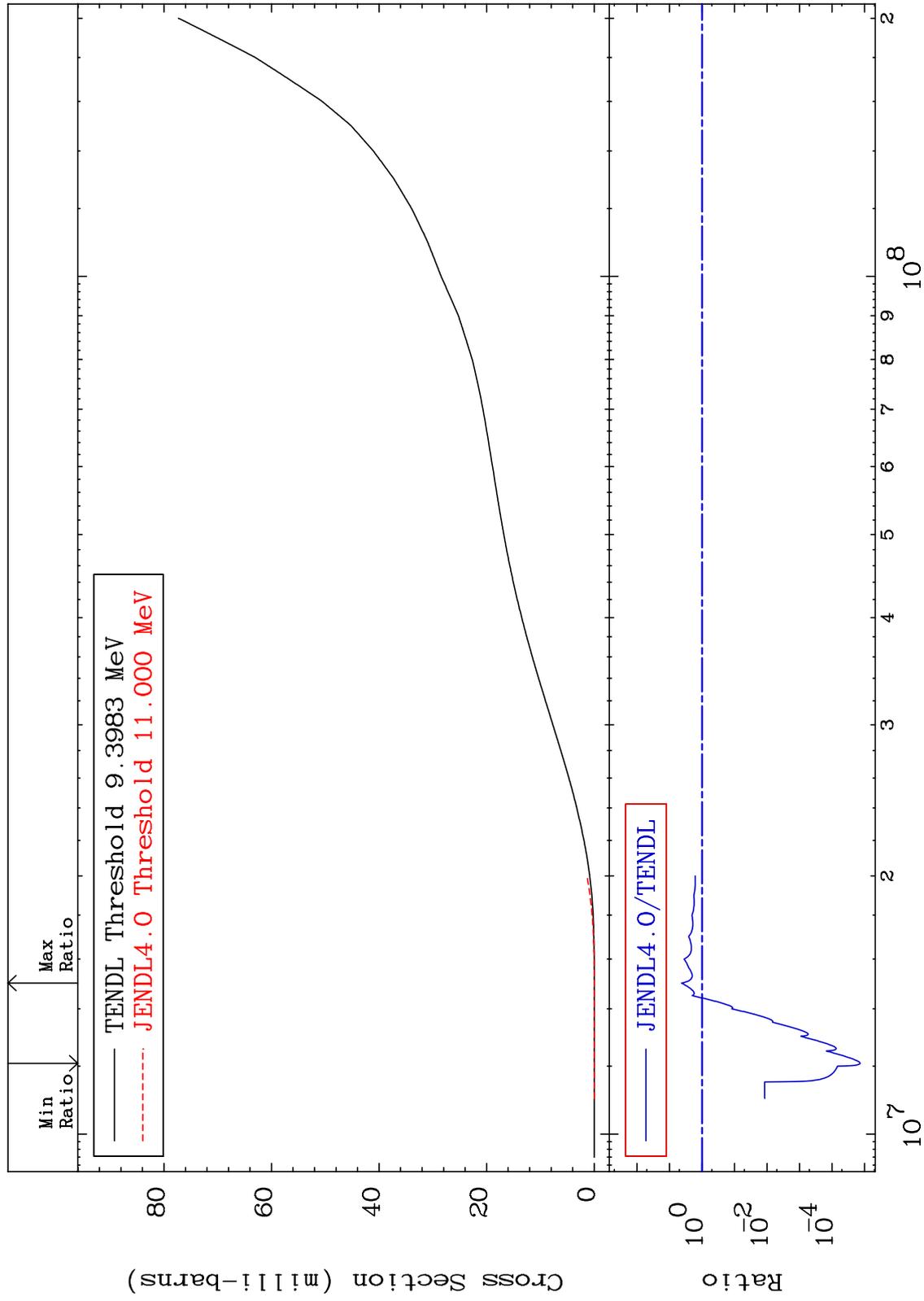
52-Te-126
-100.0 To -9.846%



MAT 5243

Tritium Production
Cross Section

⁵²Te-126
-100.0 To 327.4 %



29

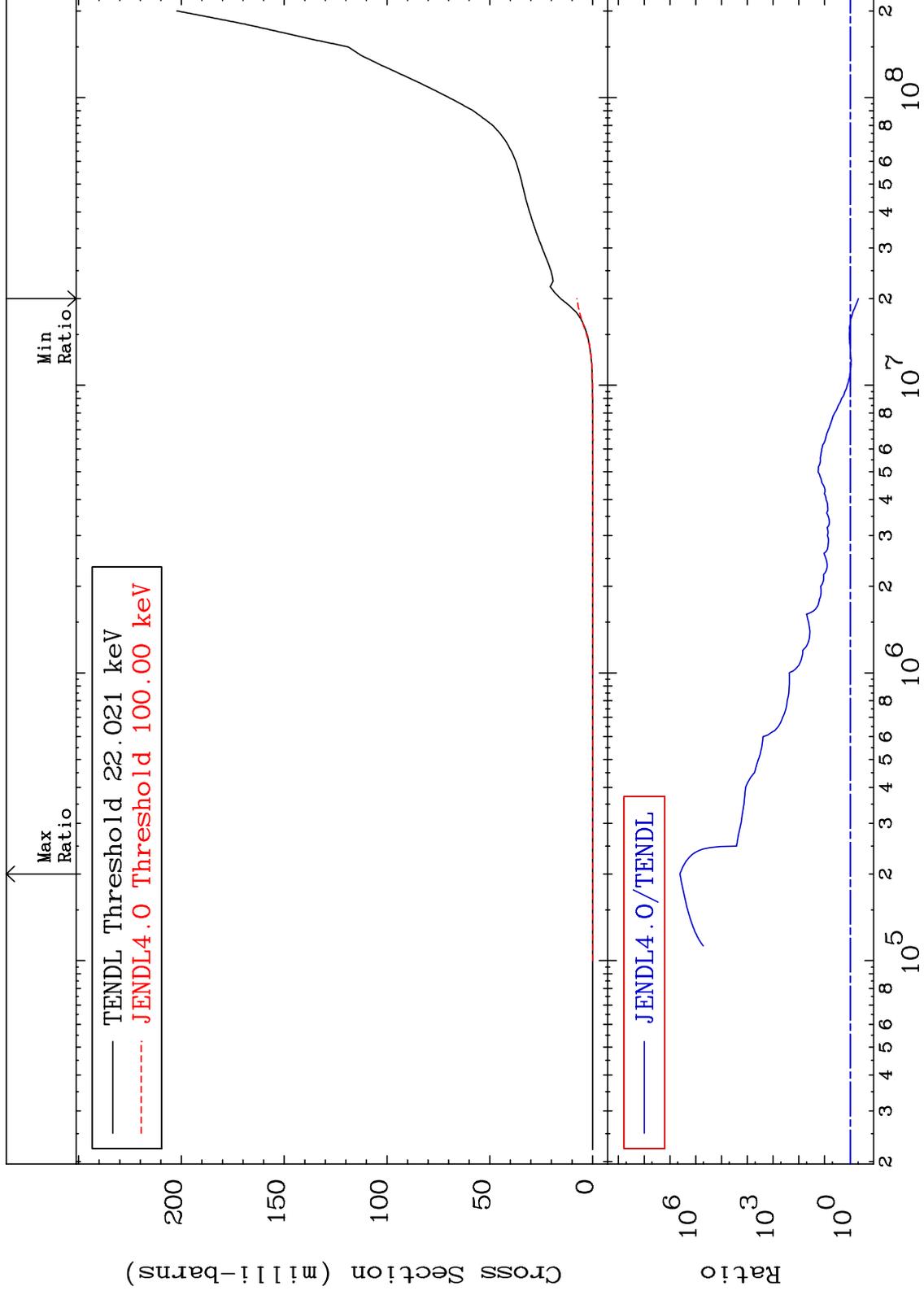
Incident Energy (eV)

⁵²Te-126

MAT 5243

He-4 Production
Cross Section

52-Te-126
-51.16 To 9999. %



30

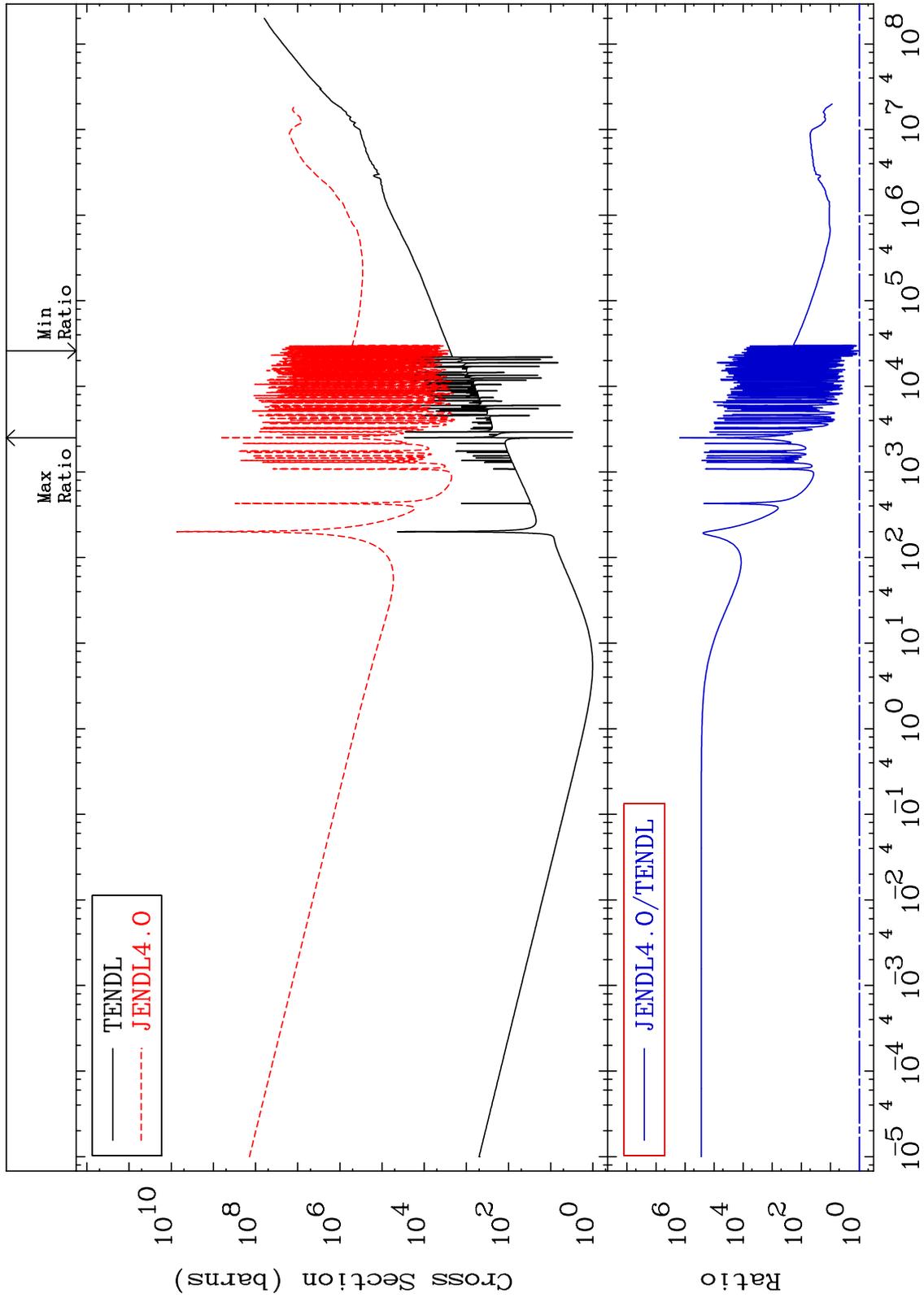
Incident Energy (eV)

52-Te-126

MAT 5243

Kerma total (eV-barns)
Cross Section

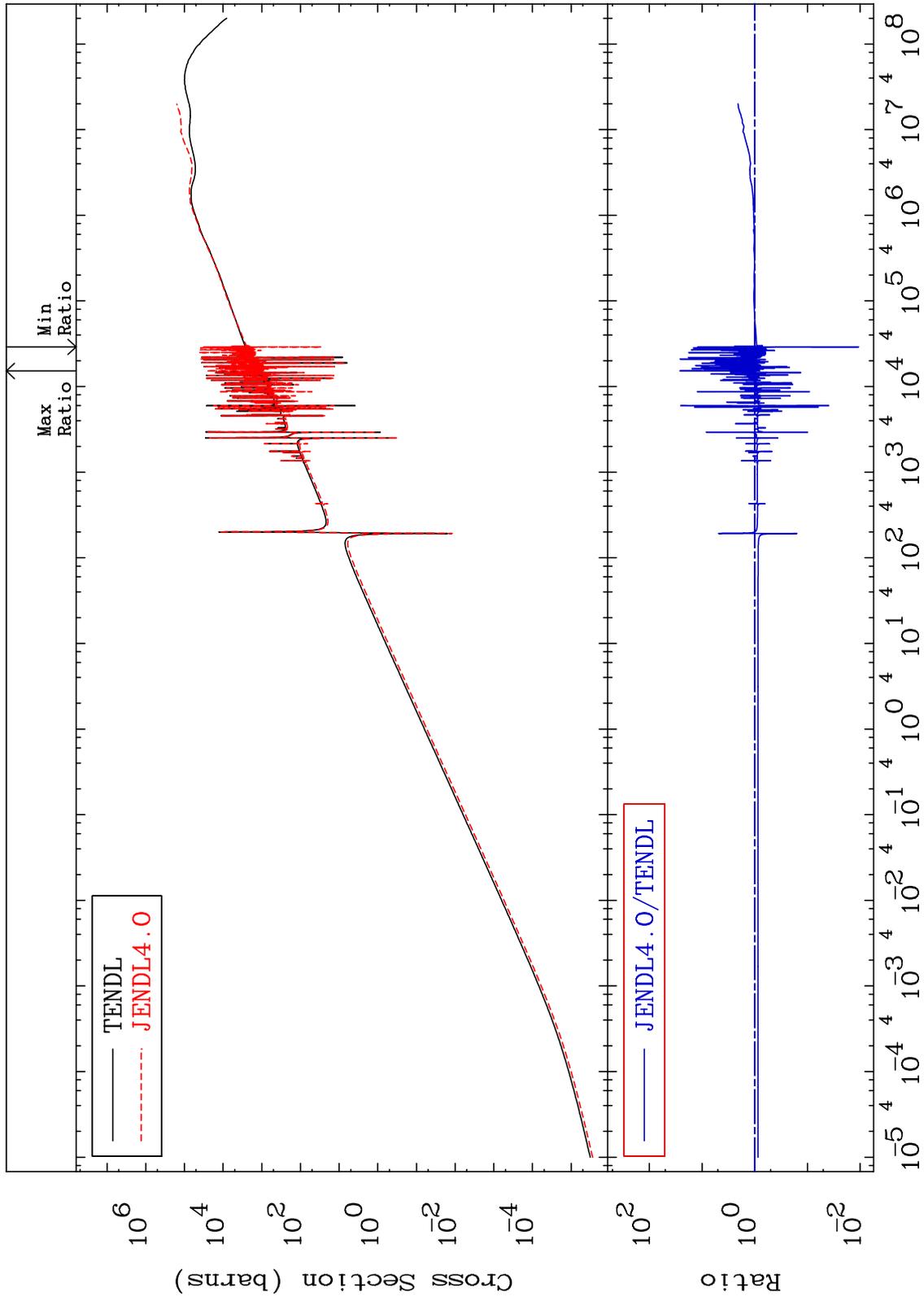
52-Te-126
8.593 To 9999. %



MAT 5243

Kerma elastic
Cross Section

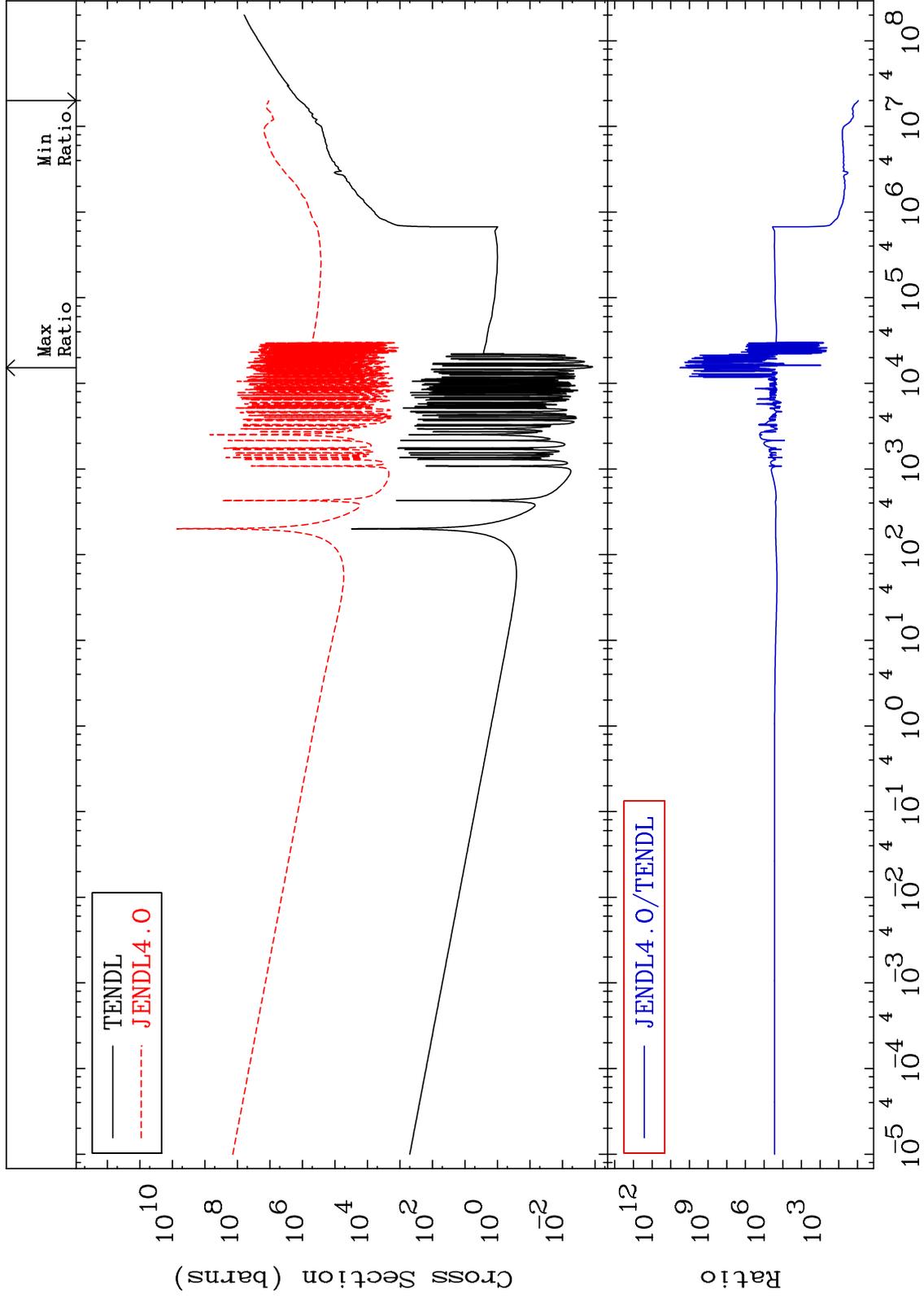
52-Te-126
-98.92 To 2527. %



MAT 5243

Kerma non-elastic (all but mt2)
Cross Section

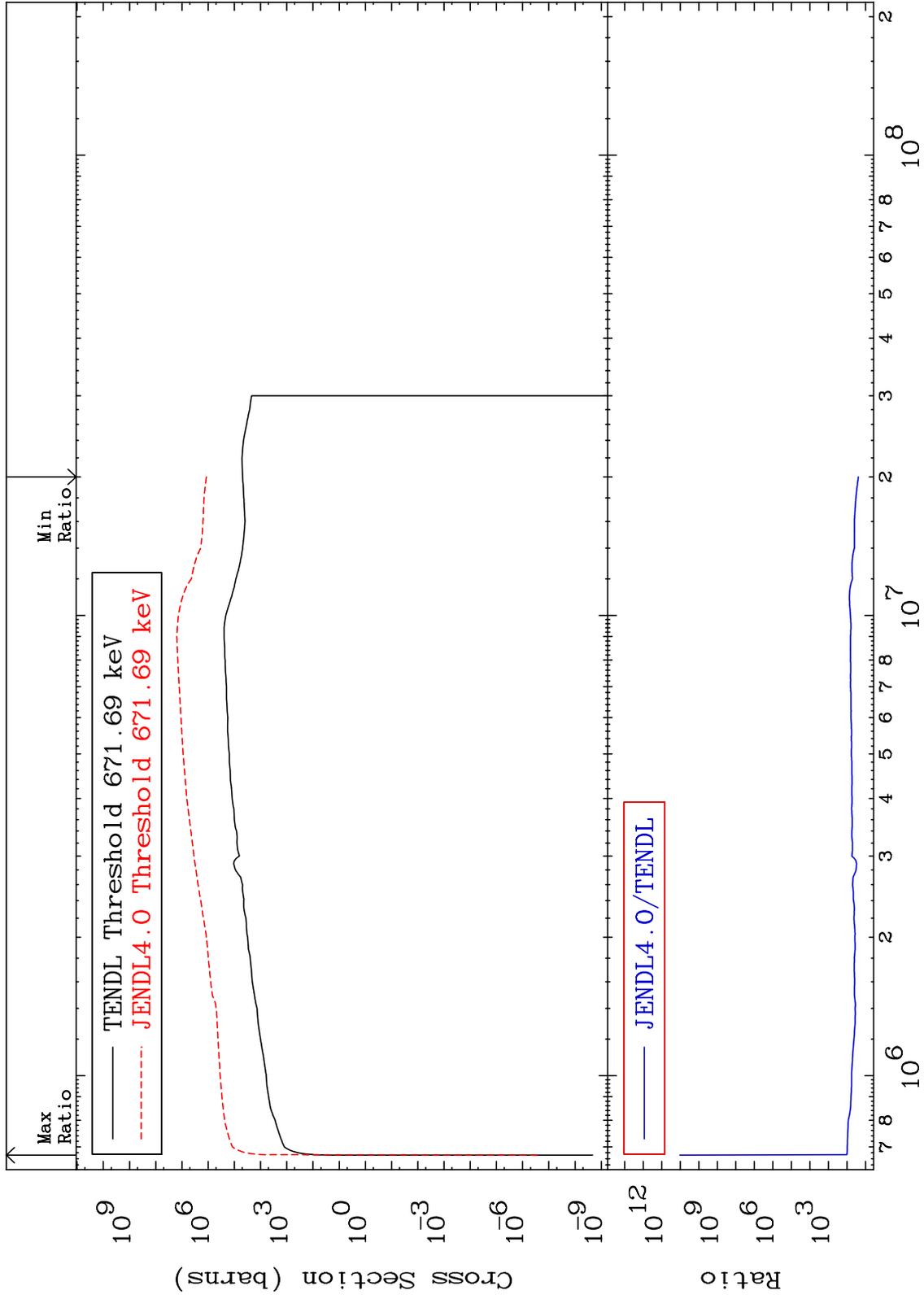
52-Te-126
789.9 To 9999. %



MAT 5243

Kerma inelastic (mt51-91)
Cross Section

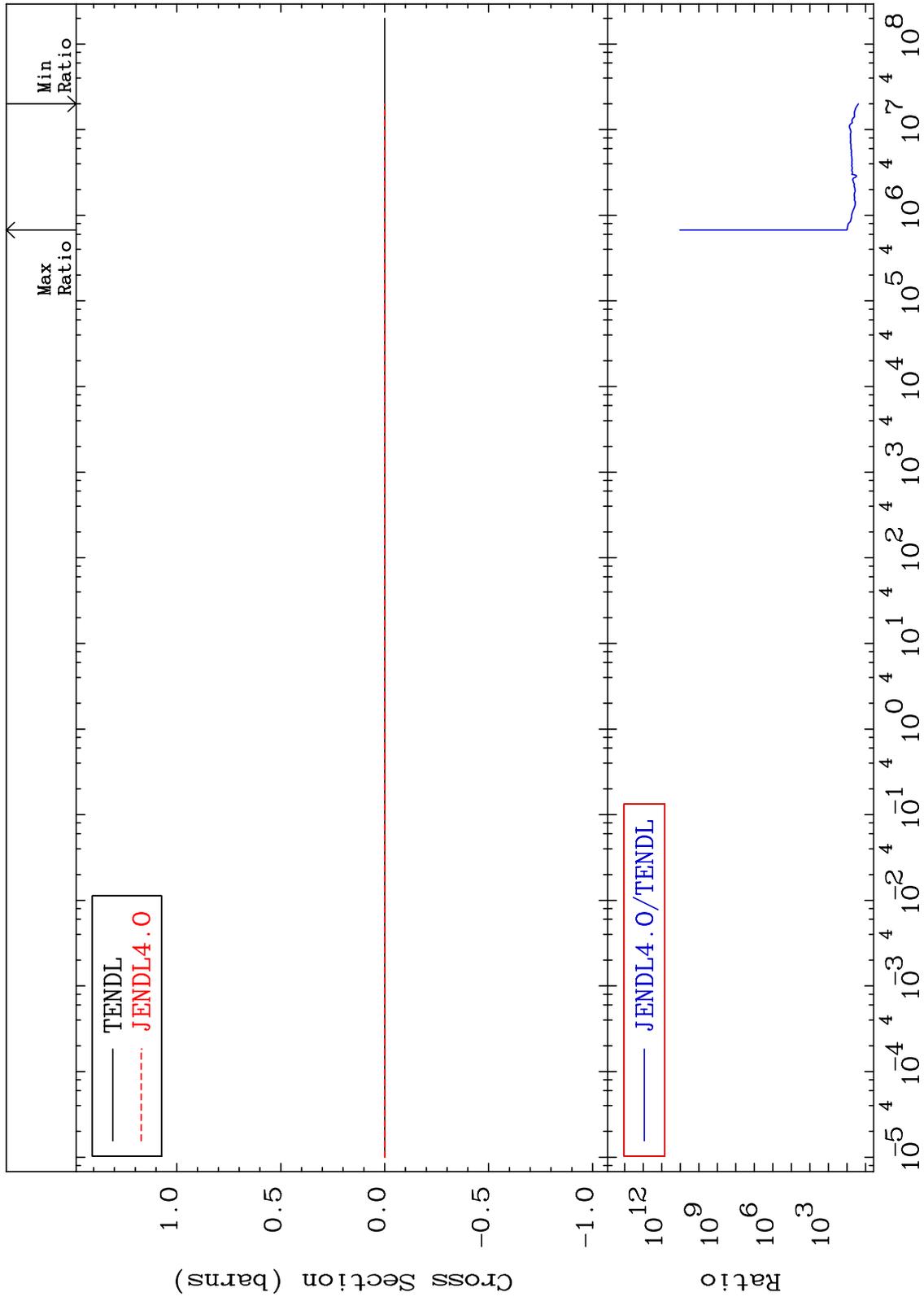
52-Te-126
2311. To 9999. %



MAT 5243

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

52-Te-126
2311. To 9999. %



35

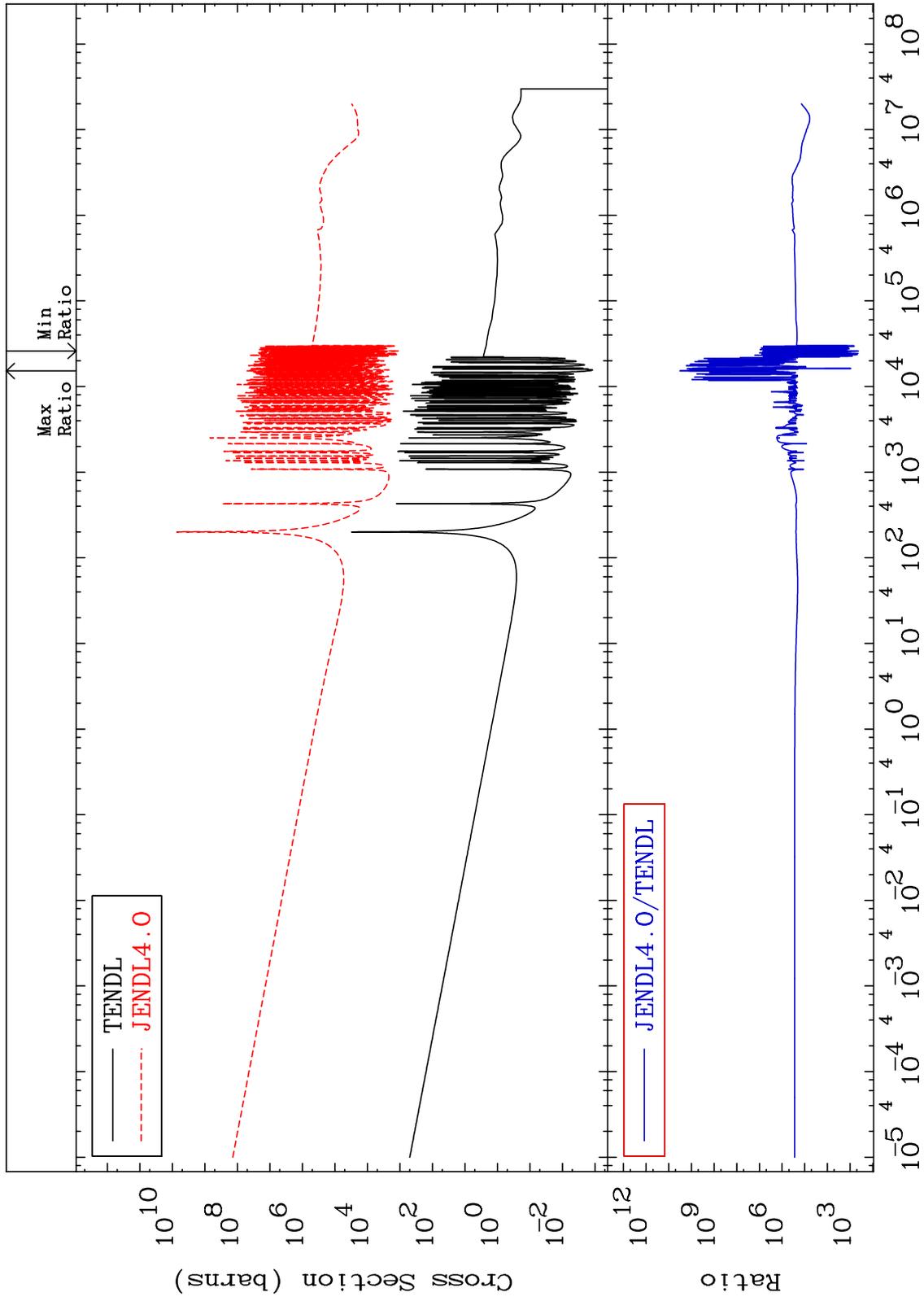
Incident Energy (eV)

52-Te-126

MAT 5243

Kerma capture (mt102)
Cross Section

52-Te-126
9999. To 9999. %



36

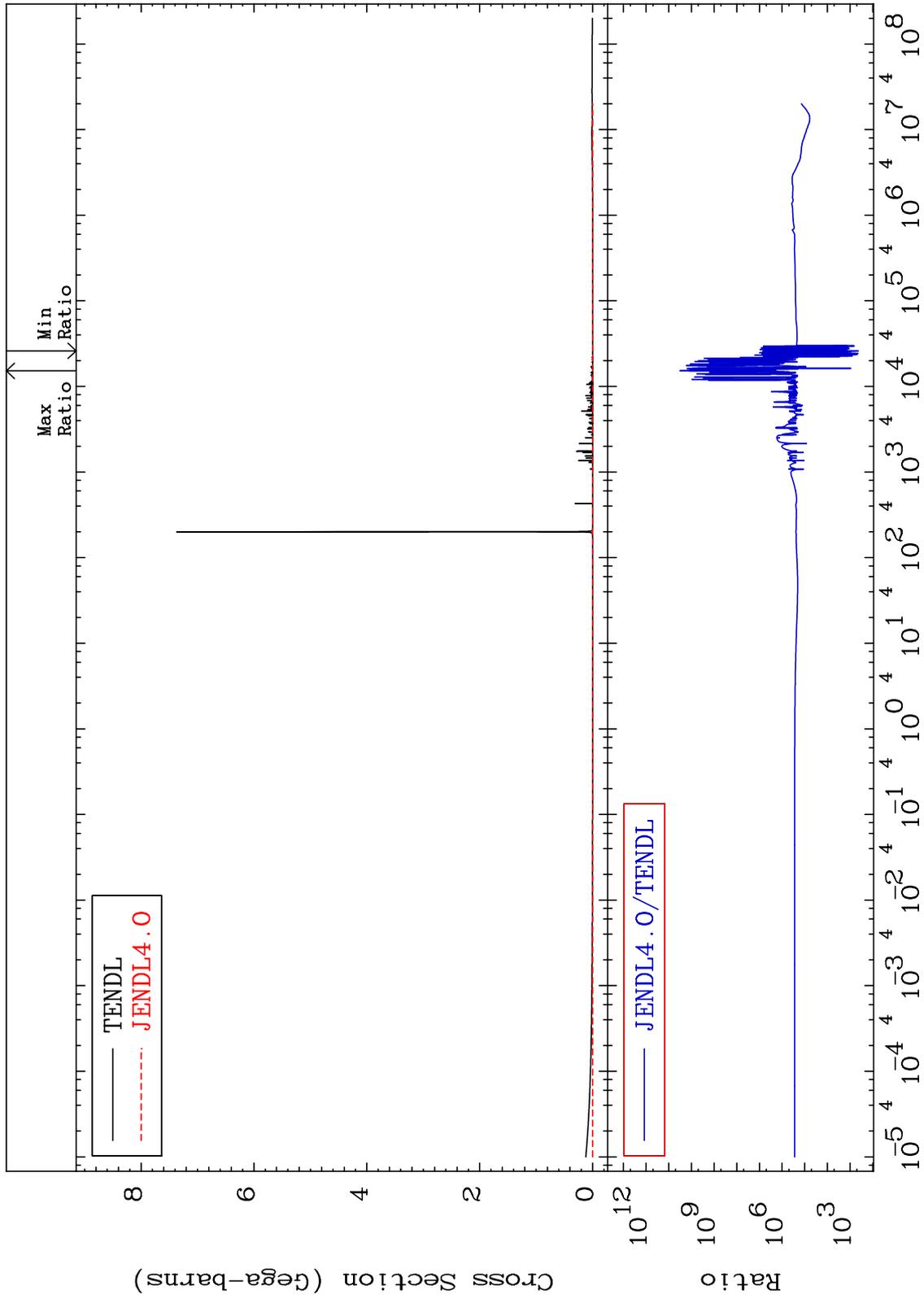
Incident Energy (eV)

52-Te-126

MAT 5243

Total photon (eV-barns)
Cross Section

52-Te-126
9999. To 9999. %



37

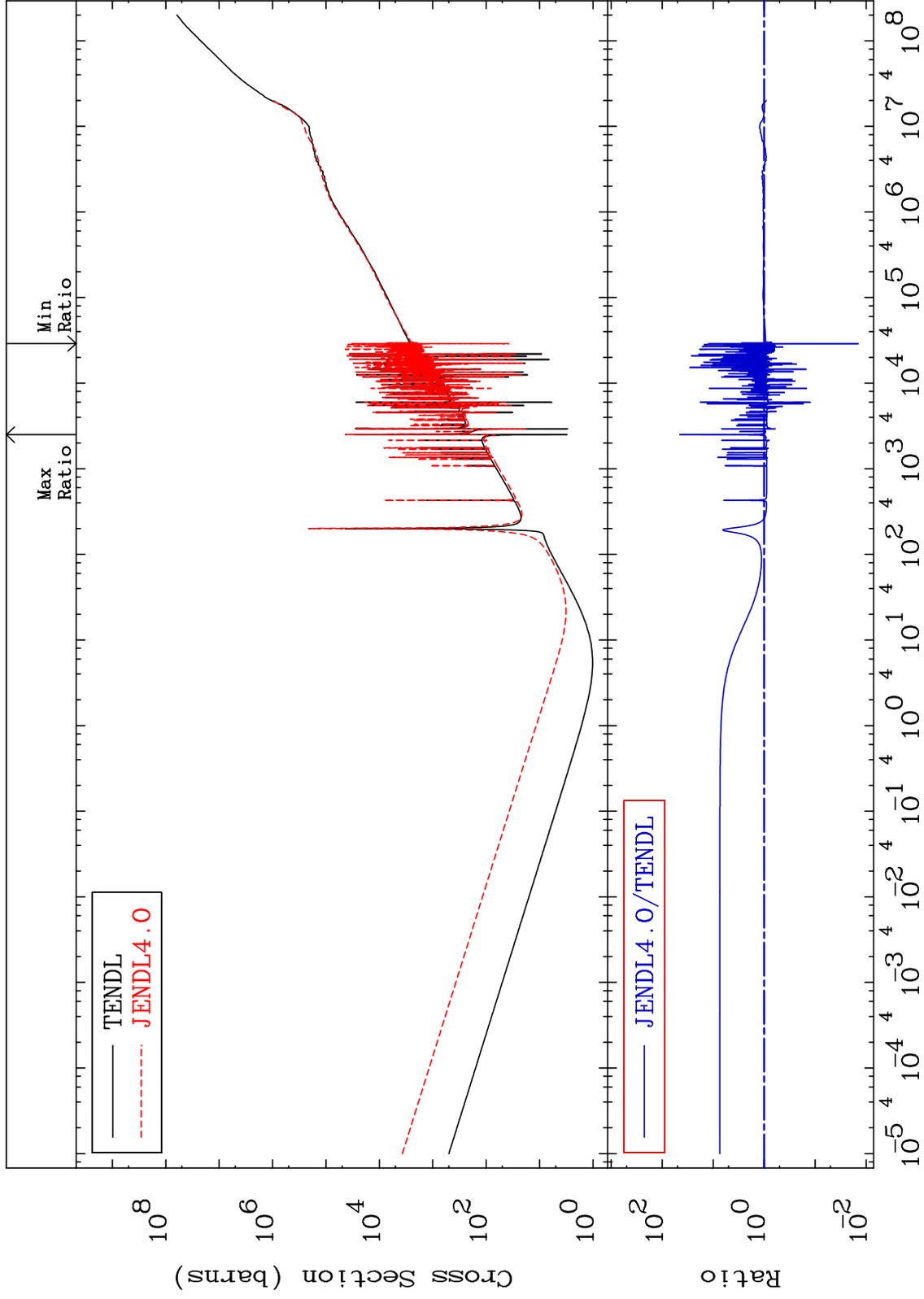
Incident Energy (eV)

52-Te-126

MAT 5243

Total kinematic kerma (high limit)
Cross Section

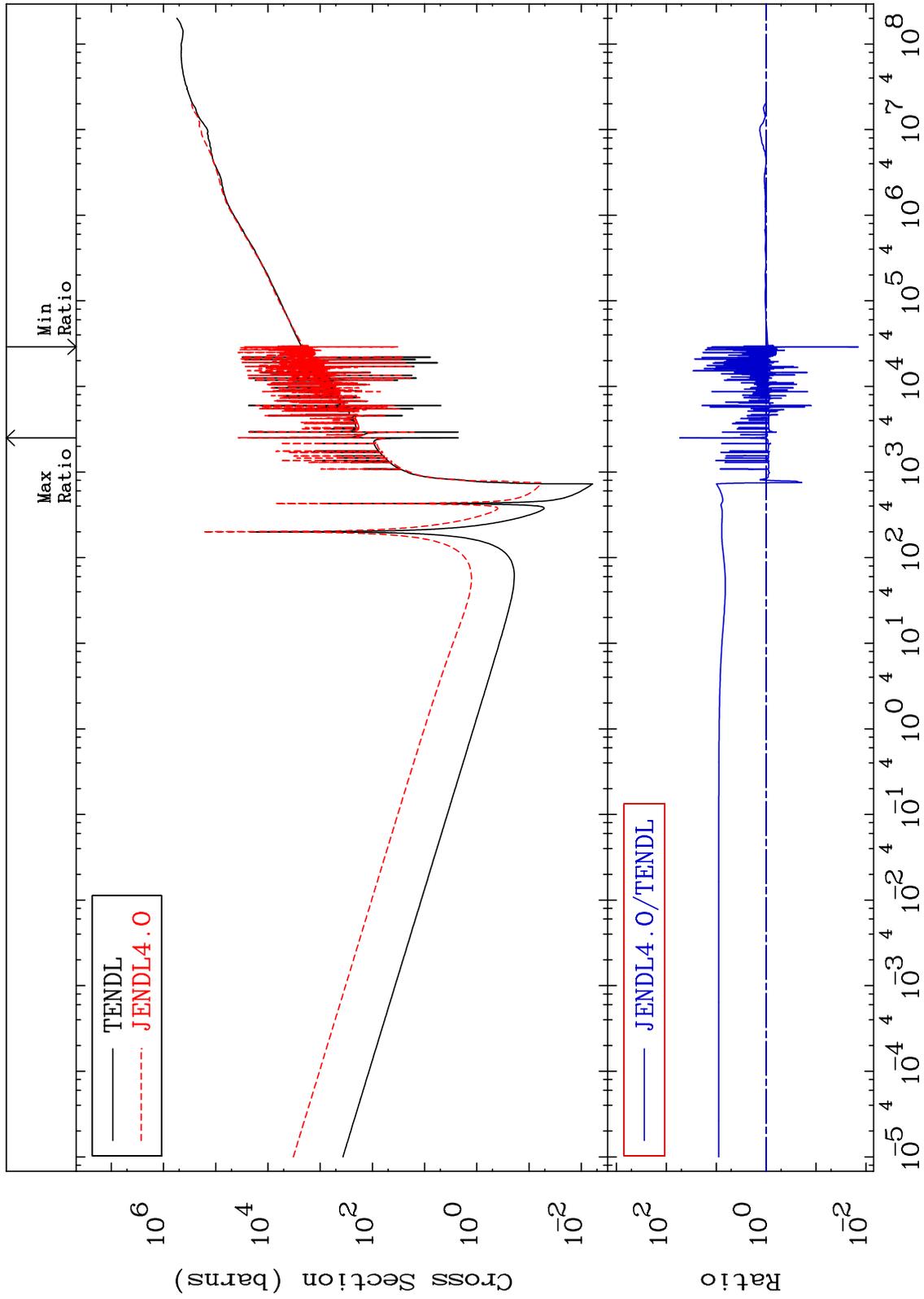
52-Te-126
-98.58 To 4392. %



MAT 5243

Dpa total (eV-barns)
Cross Section

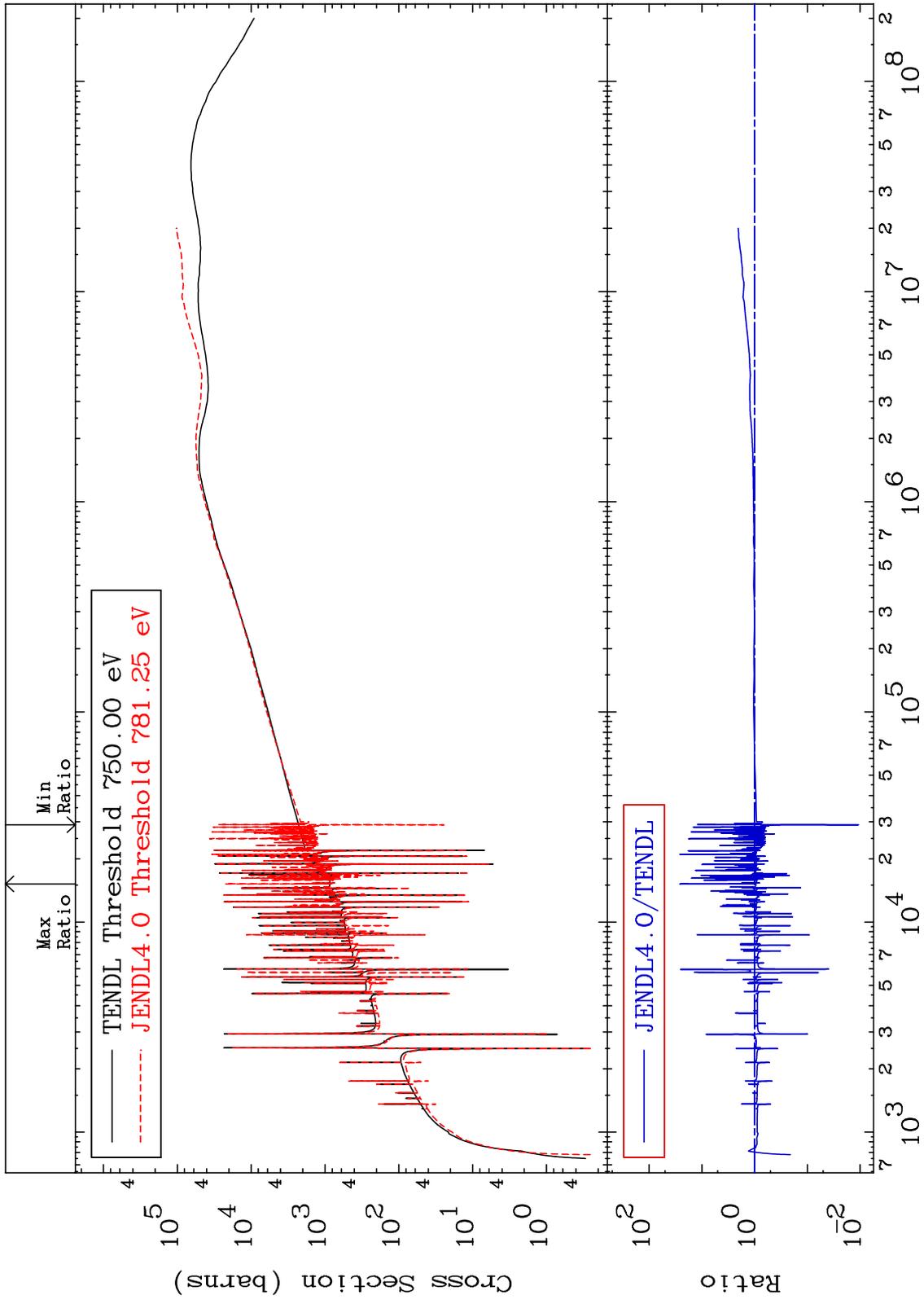
52-Te-126
-98.58 To 5225. %



MAT 5243

Dpa elastic (mt2)
Cross Section

52-Te-126
-98.92 To 2527. %



40

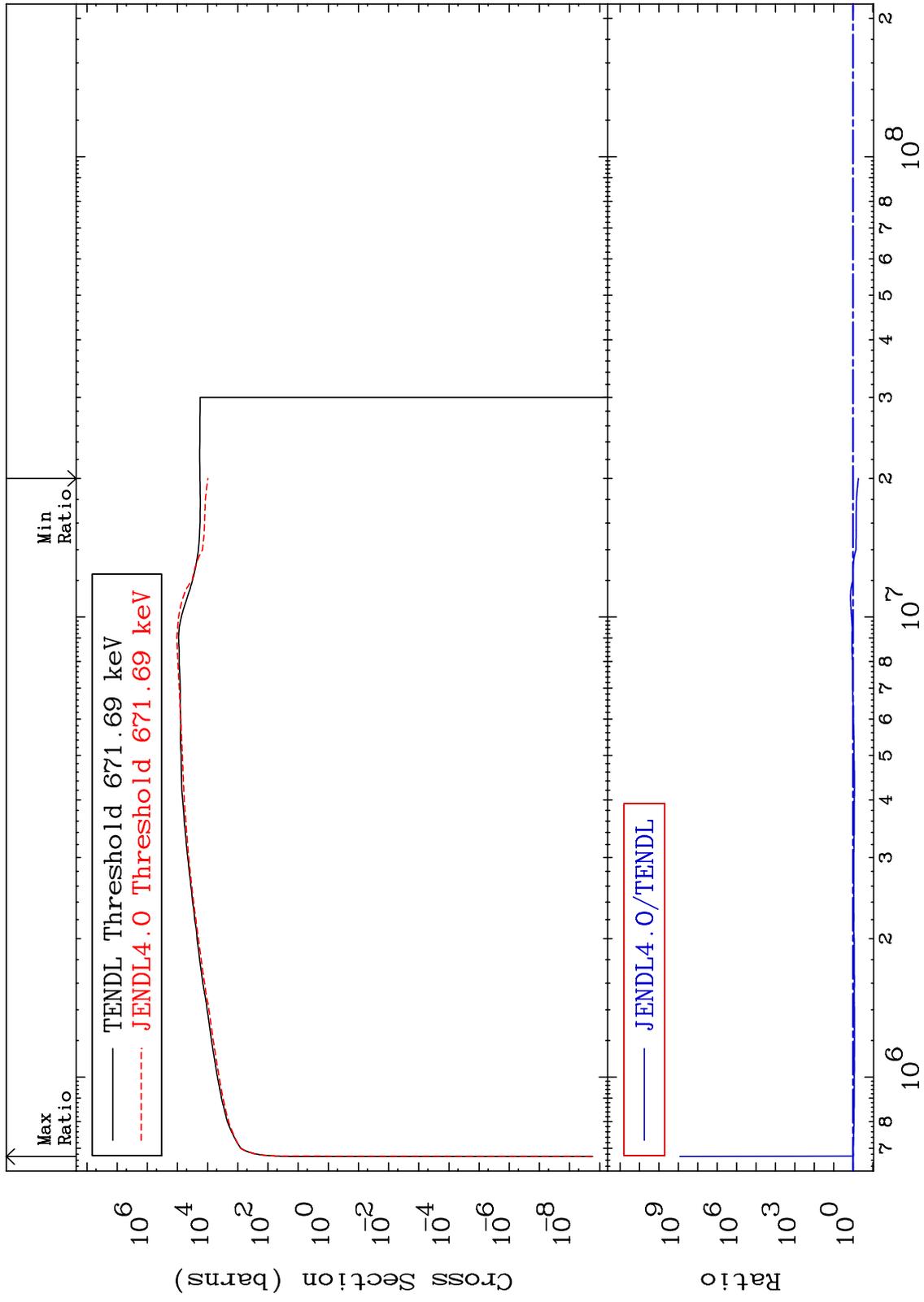
Incident Energy (eV)

52-Te-126

MAT 5243

Dpa inelastic (mt51-91)
Cross Section

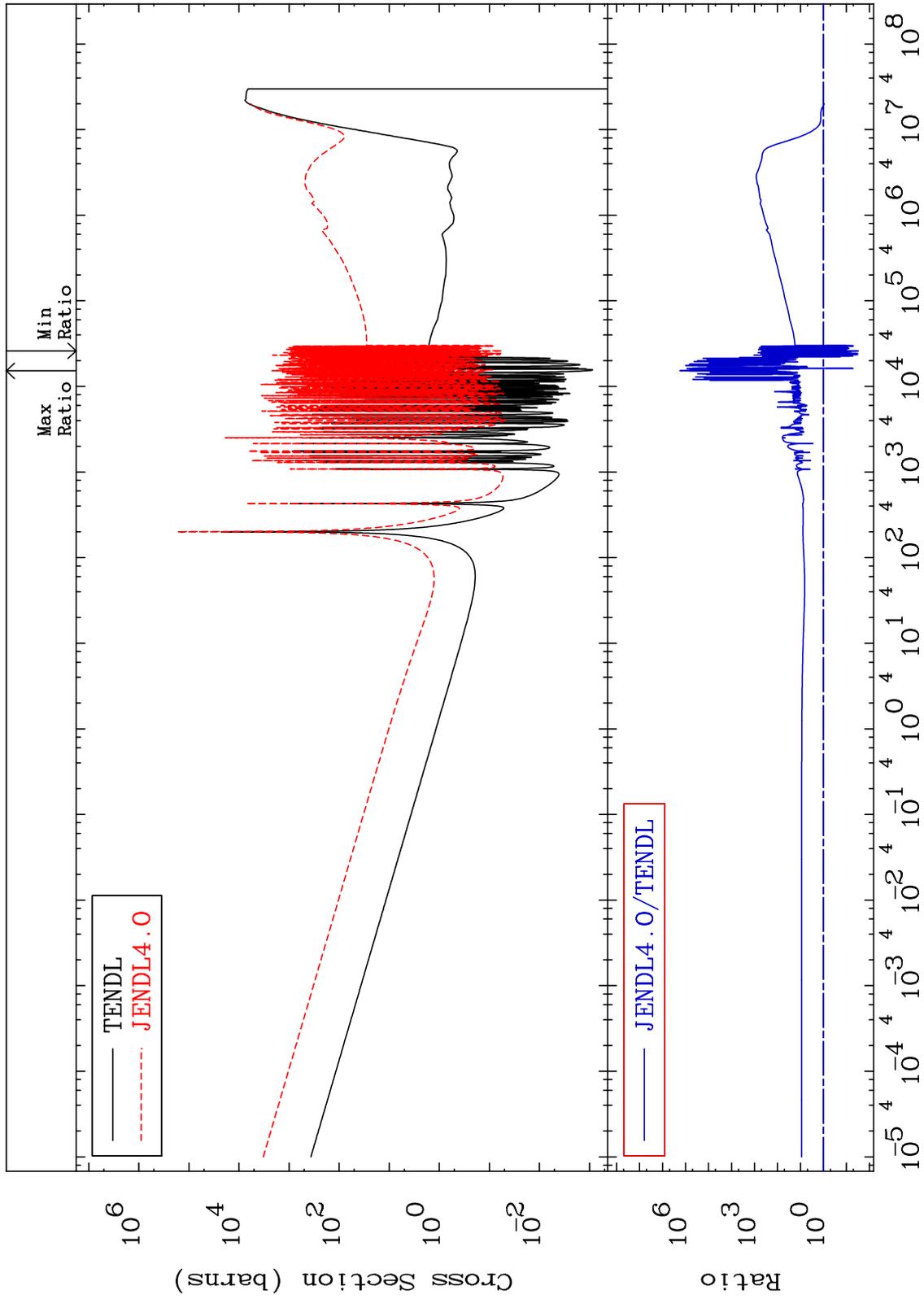
52-Te-126
-45.85 To 9999. %



MAT 5243

Dpa disappearance (mt102 -120)
Cross Section

52-Te-126
-96.98 To 9999. %



42

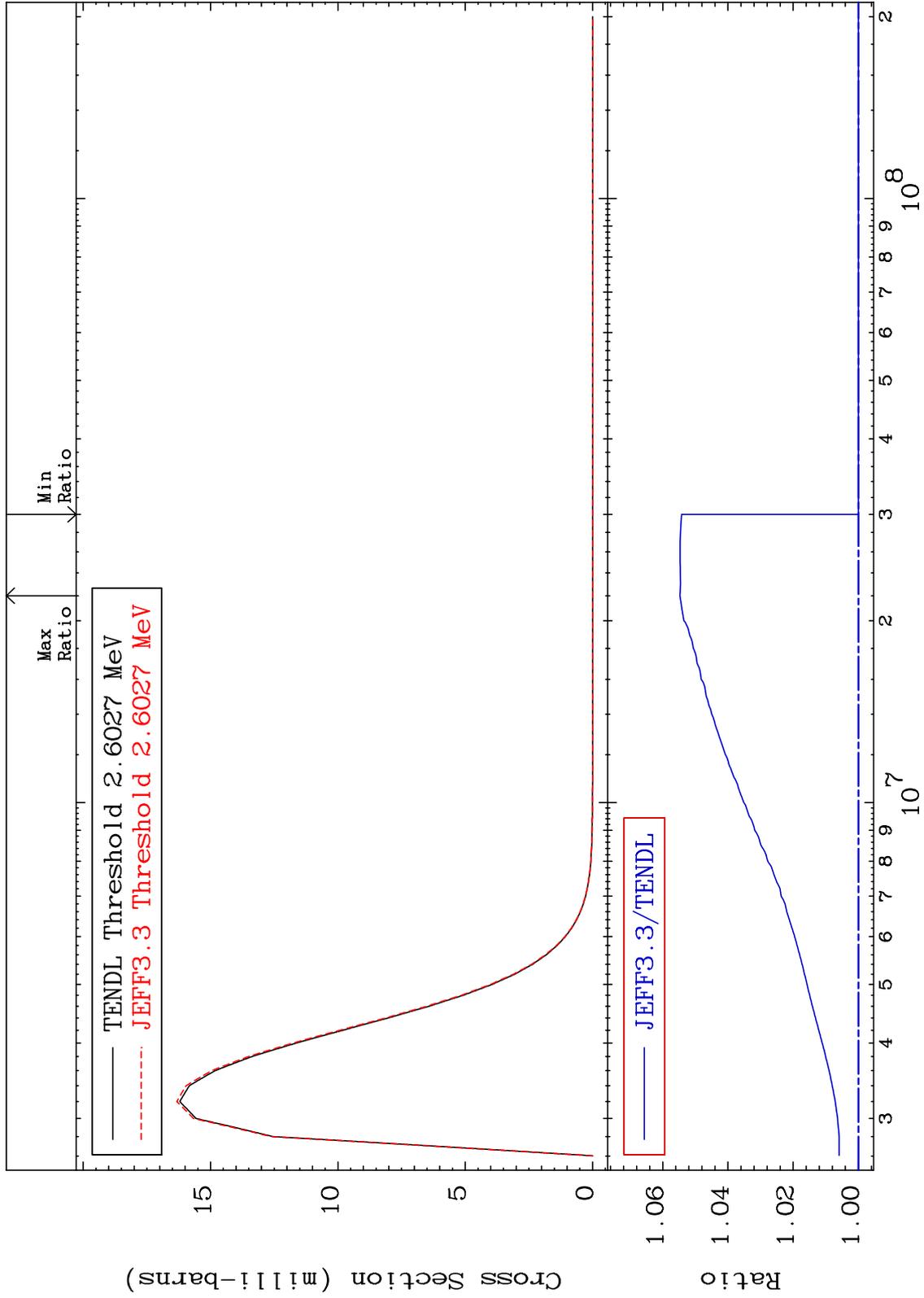
Incident Energy (eV)

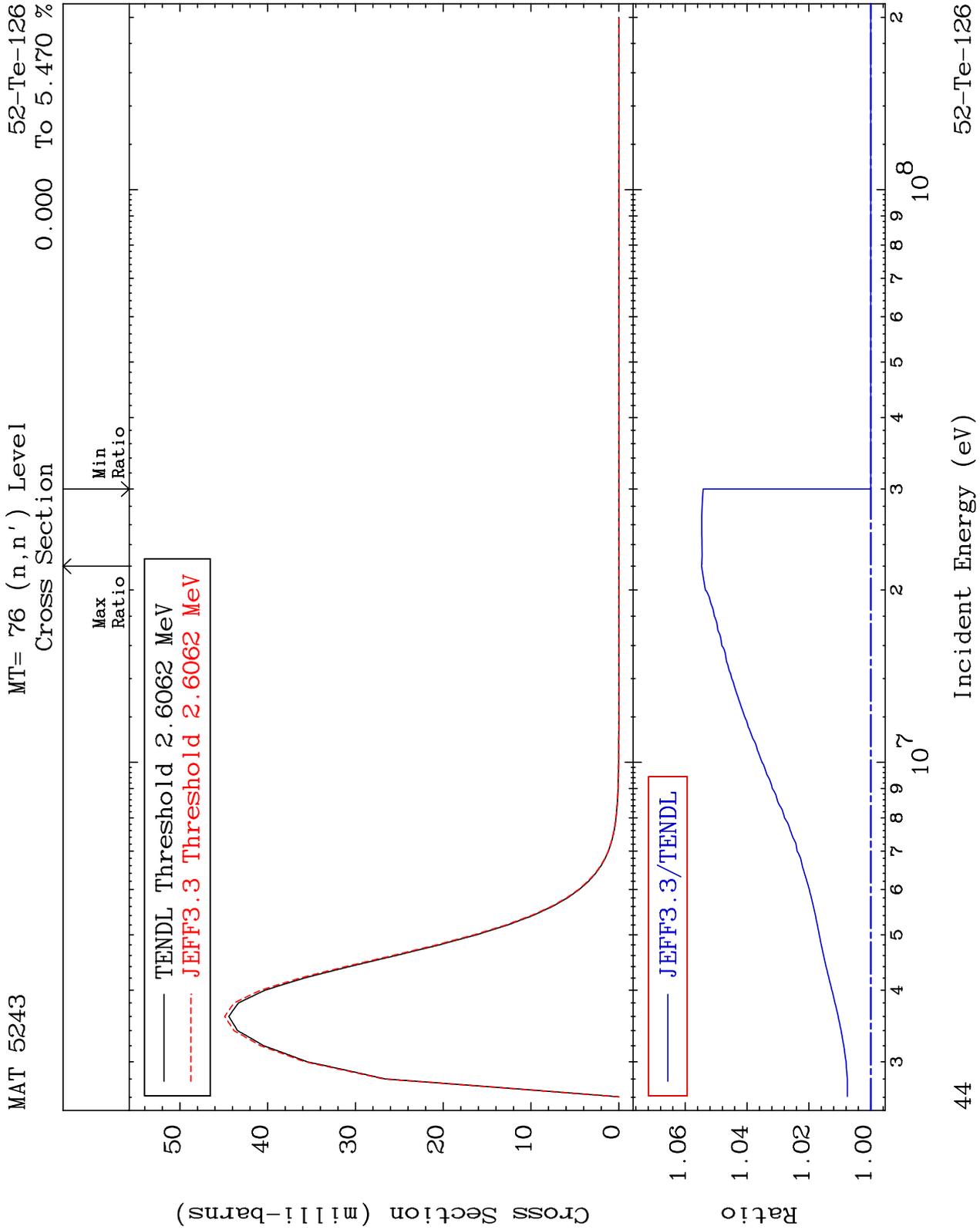
52-Te-126

MAT 5243

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

52-Te-126
0.000 To 5.473 %

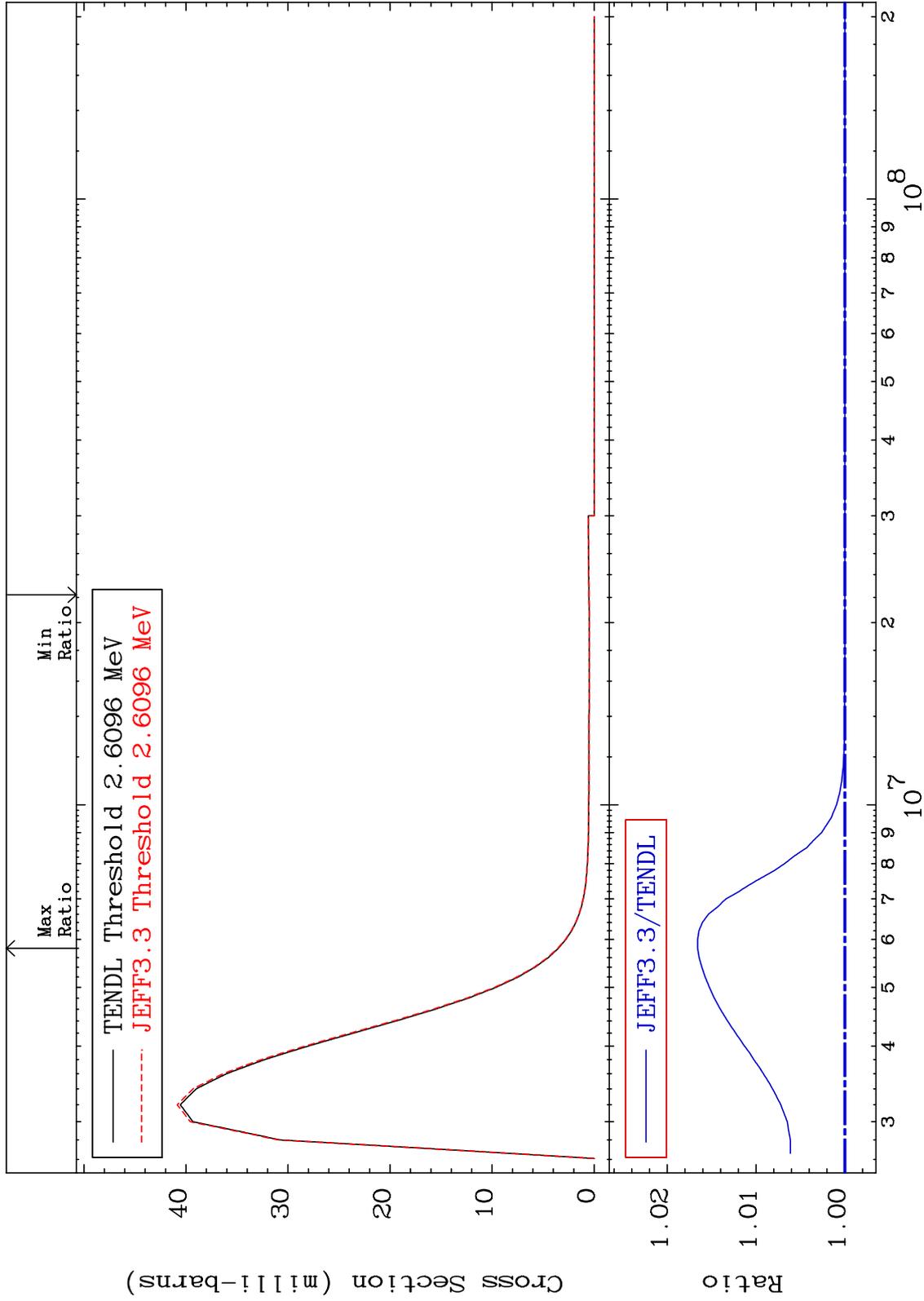




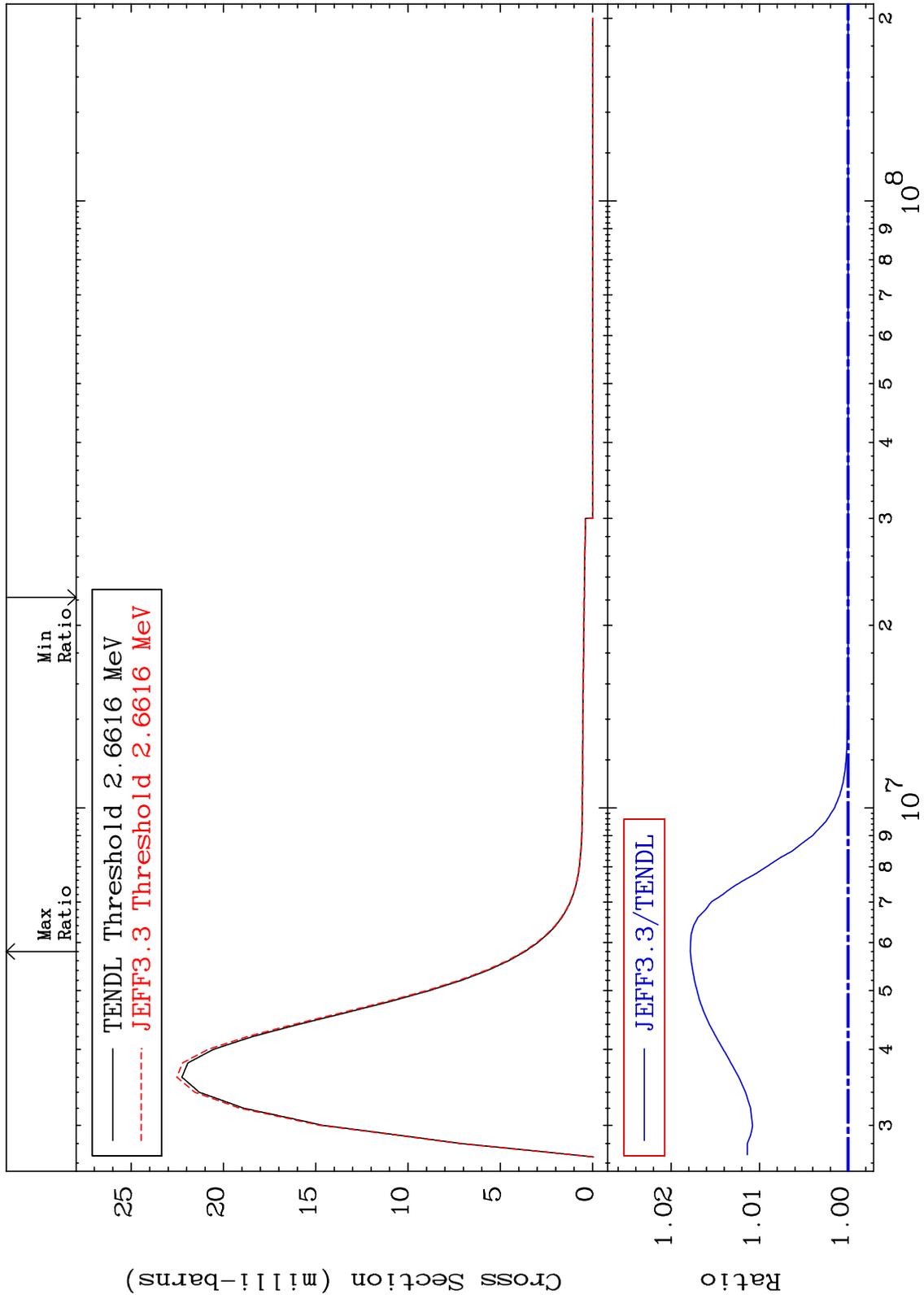
MAT 5243

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

52-Te-126
0.000 To 1.658 %



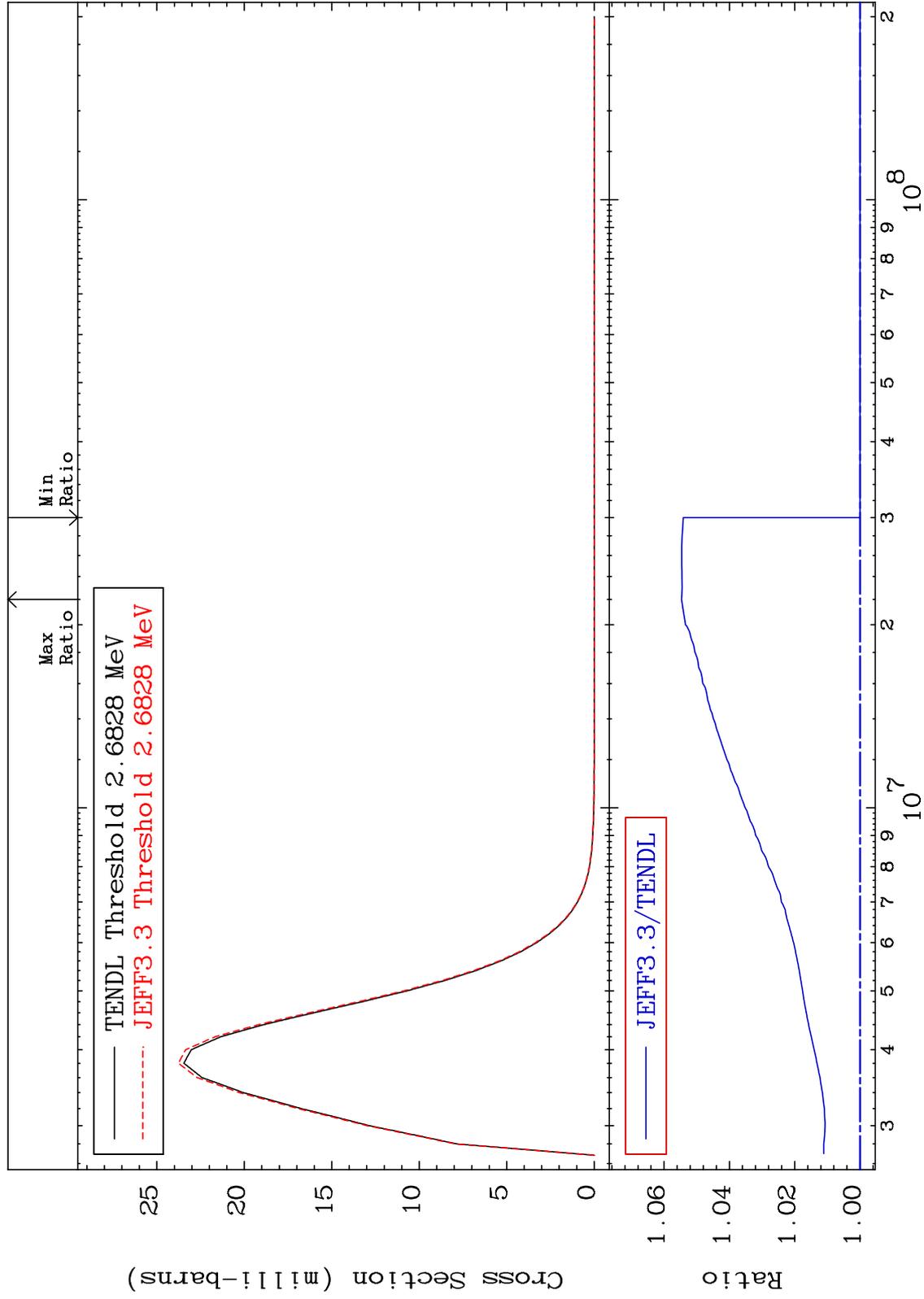
MAT 5243 MT= 78 (n, n') Level Cross Section 52-Te-126 To 1.783 %



MAT 5243

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

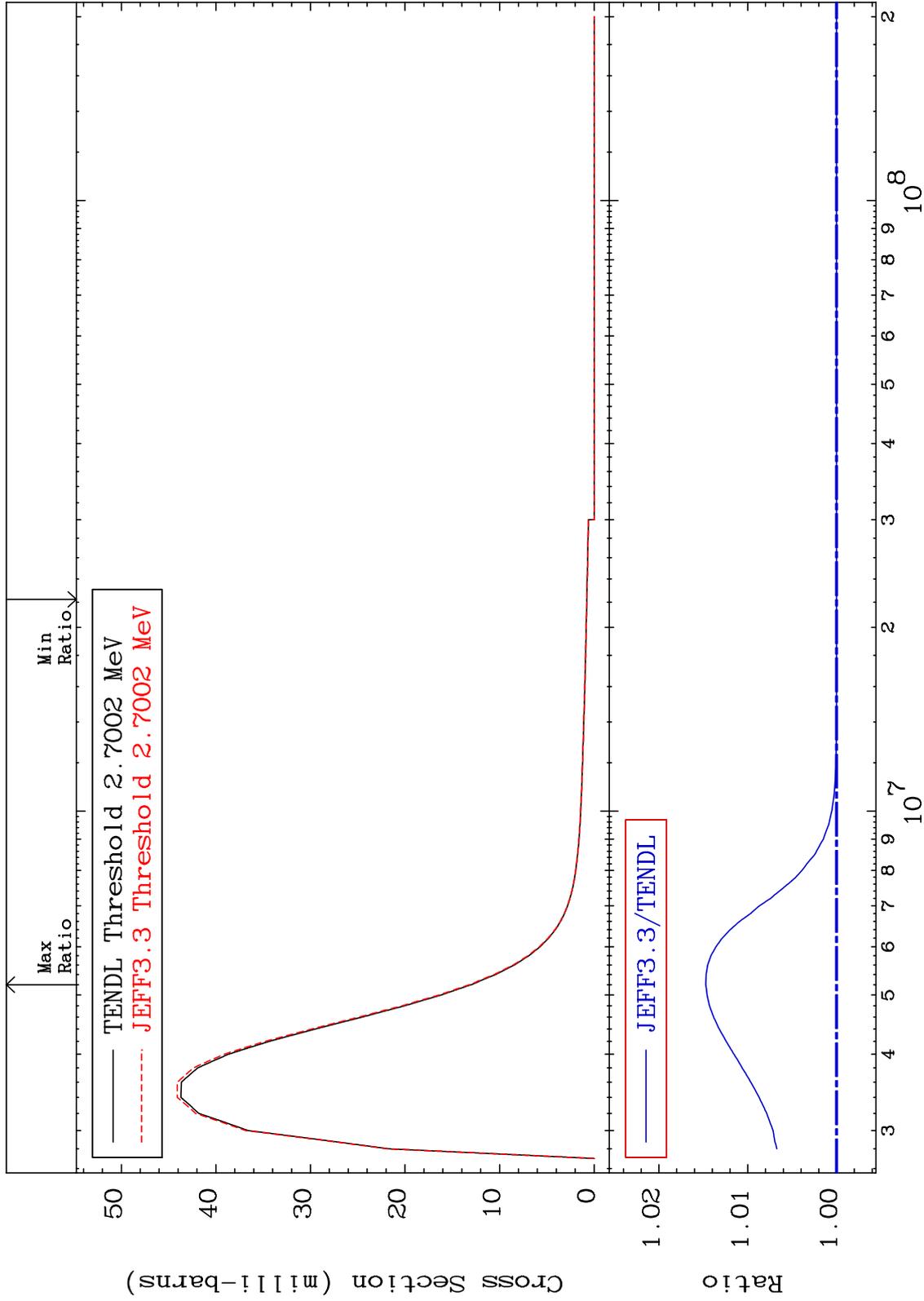
52-Te-126
0.000 To 5.465 %



MAT 5243

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

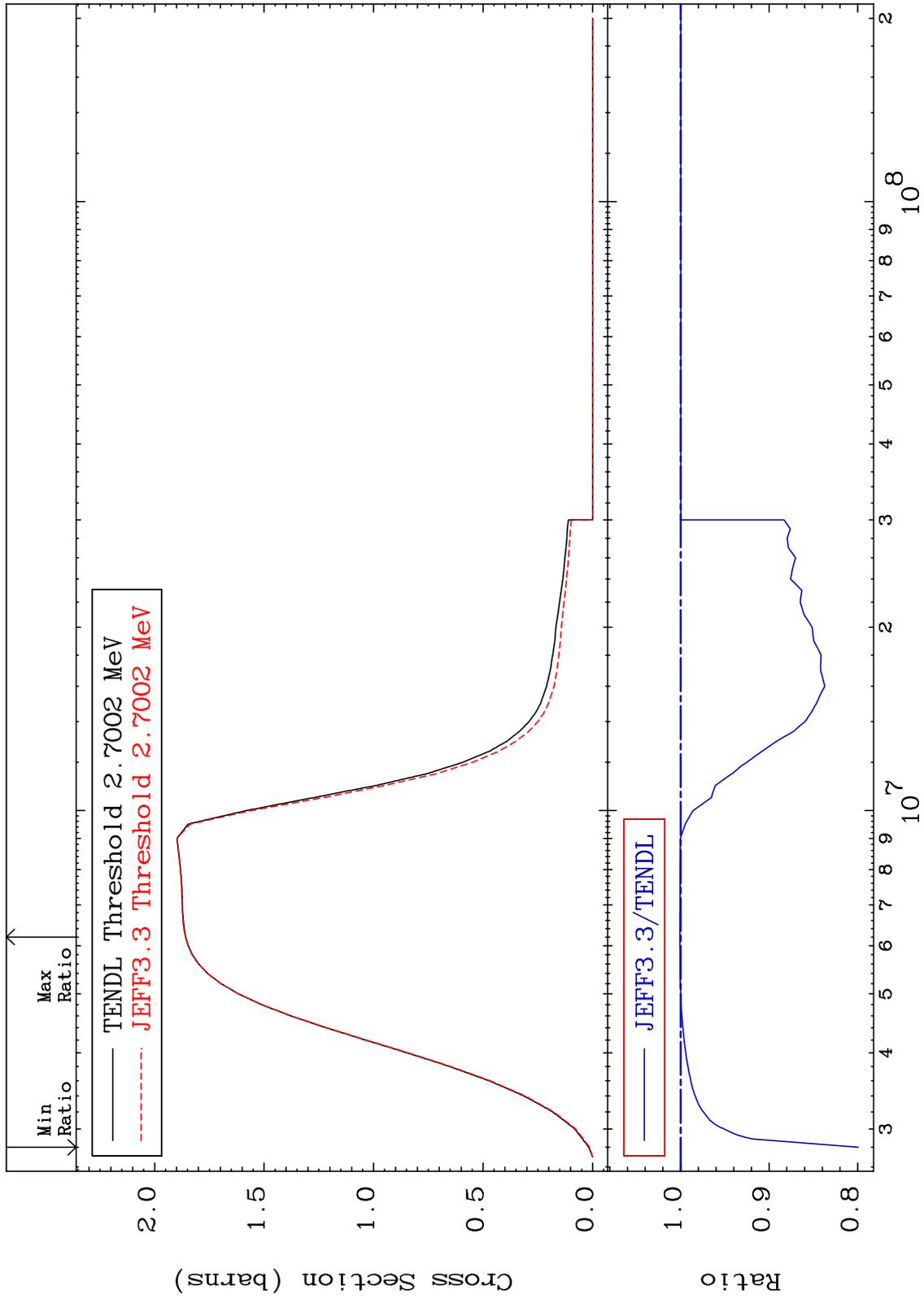
52-Te-126
To 1.473 %



MAT 5243

(n, n') Continuum
Cross Section

52-Te-126
-20.08 To 0.079 %



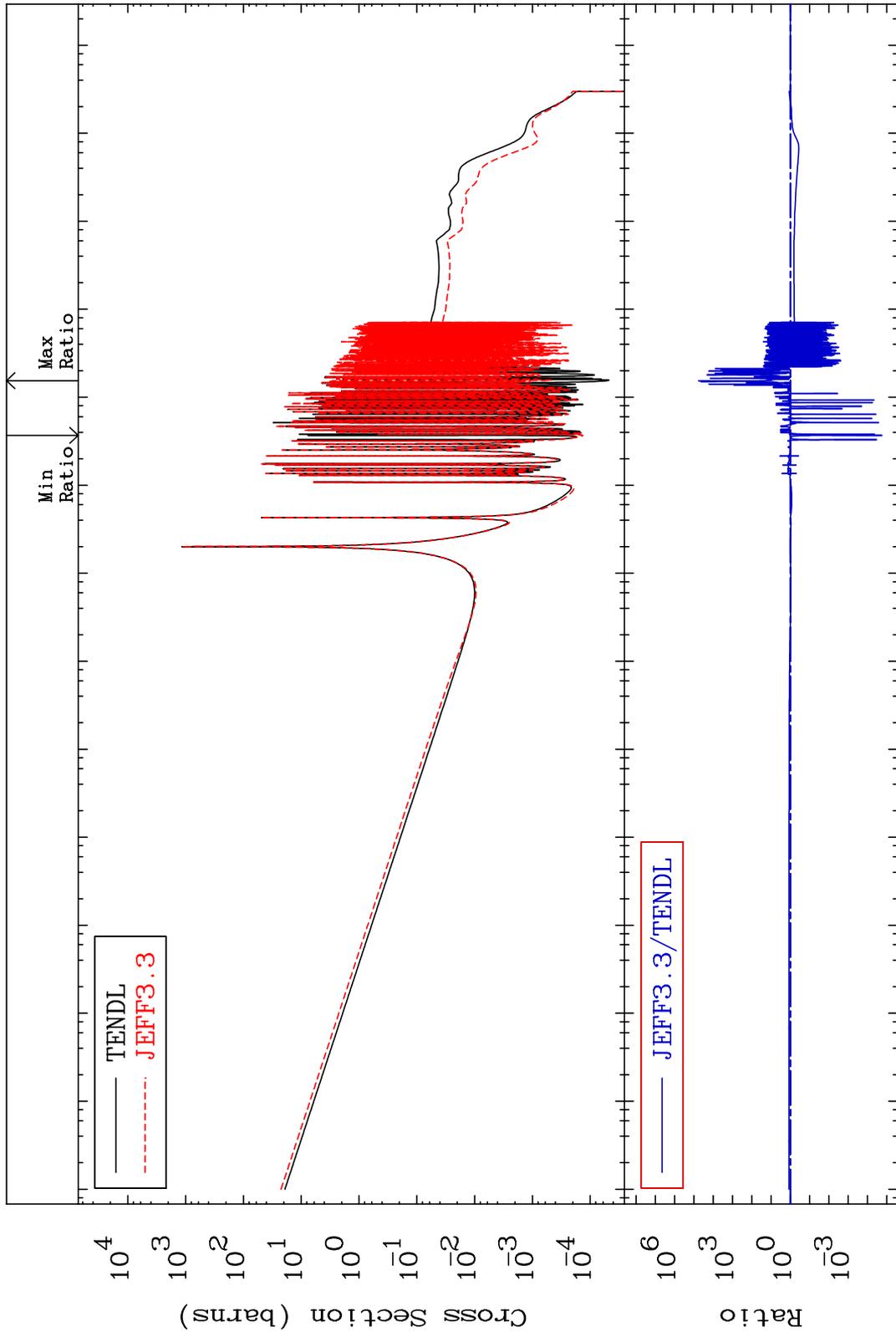
MAT 5243

(n, γ)

52-Te-126

Cross Section

-100.0 To 9999. %



50

Incident Energy (eV)

52-Te-126

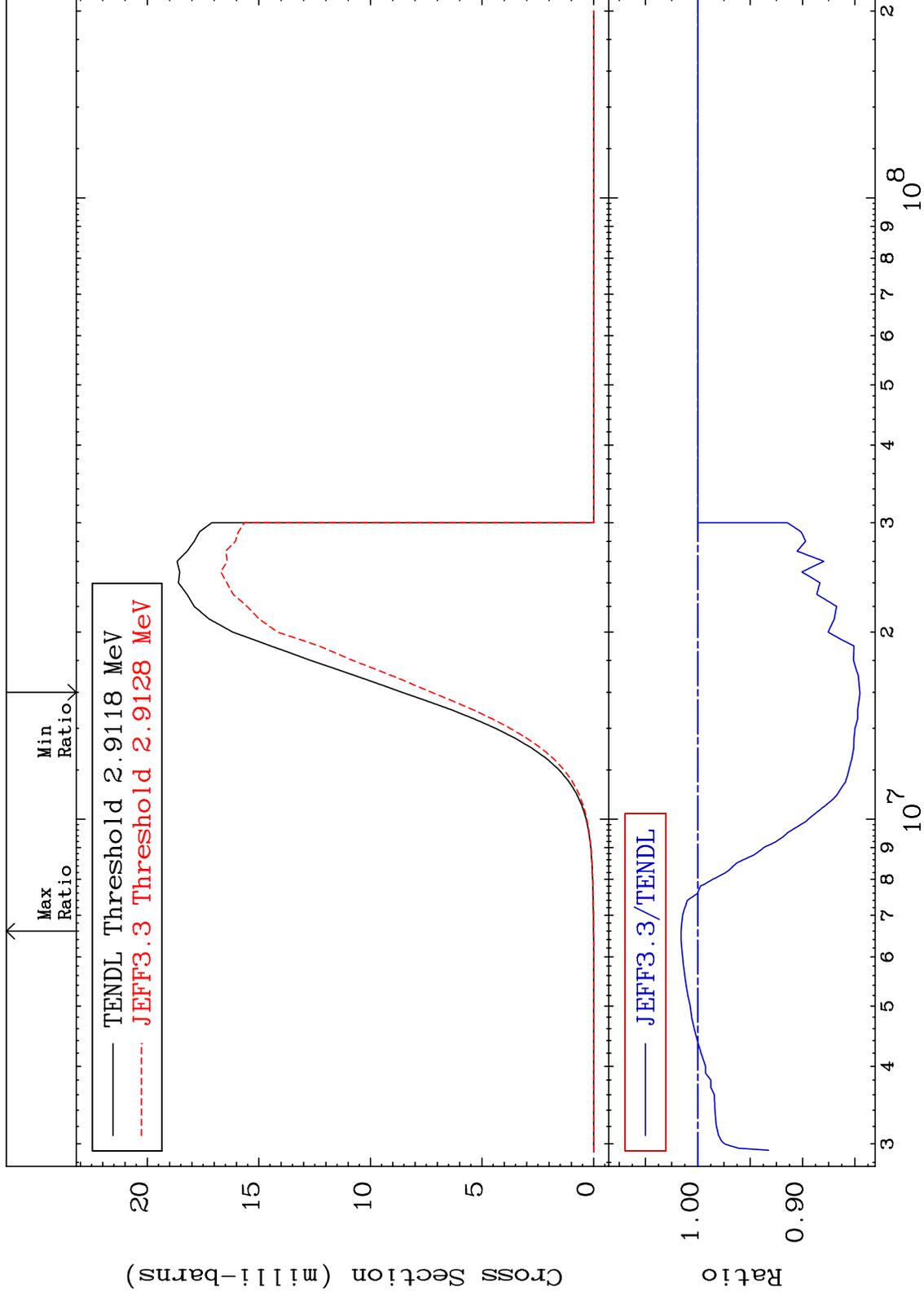
MAT 5243

(n, p)

52-Te-126

Cross Section

-15.48 To 1.592 %



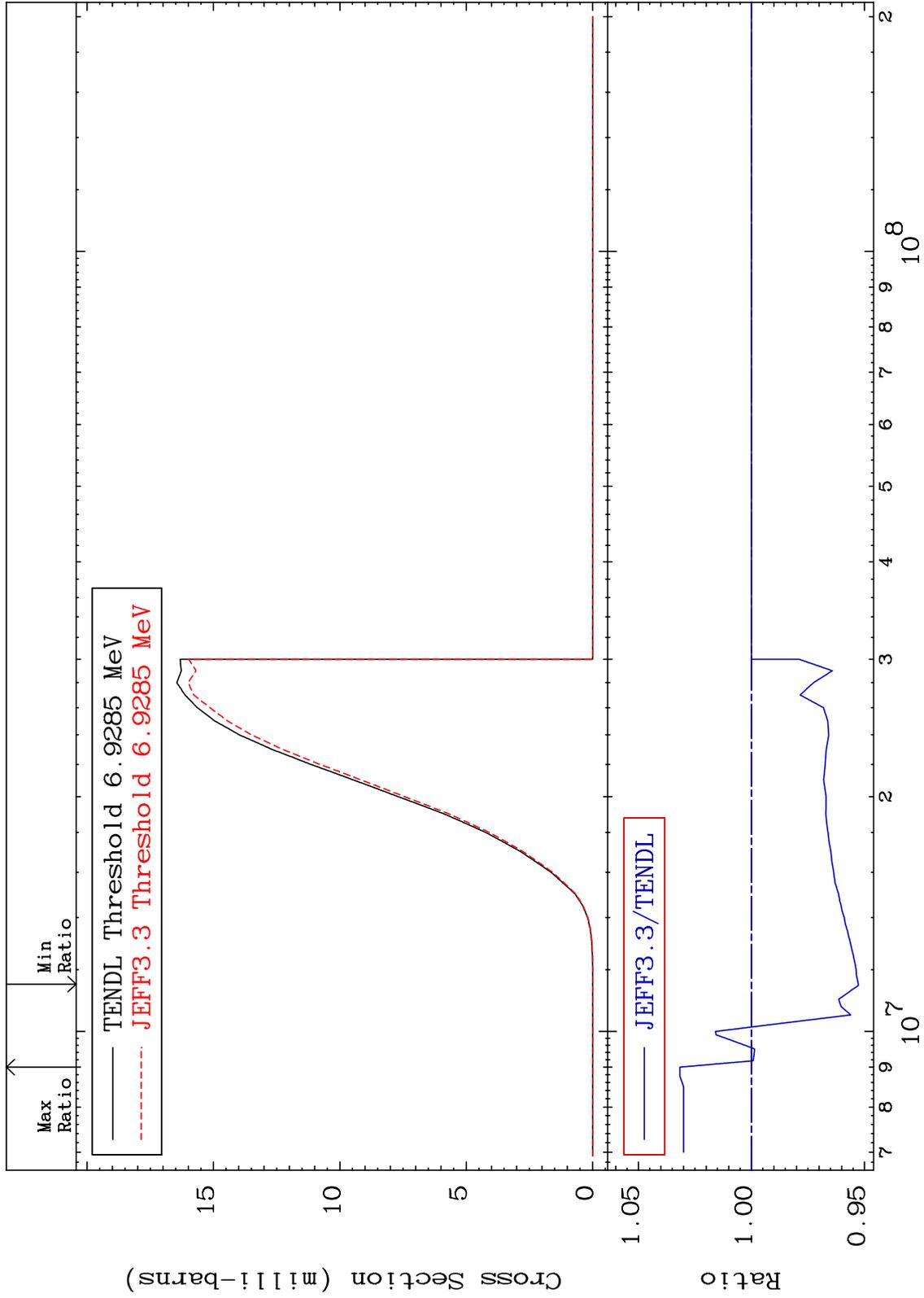
MAT 5243

(n, d)

52-Te-126

Cross Section

-4.735 To 3.161 %



52

Incident Energy (eV)

52-Te-126

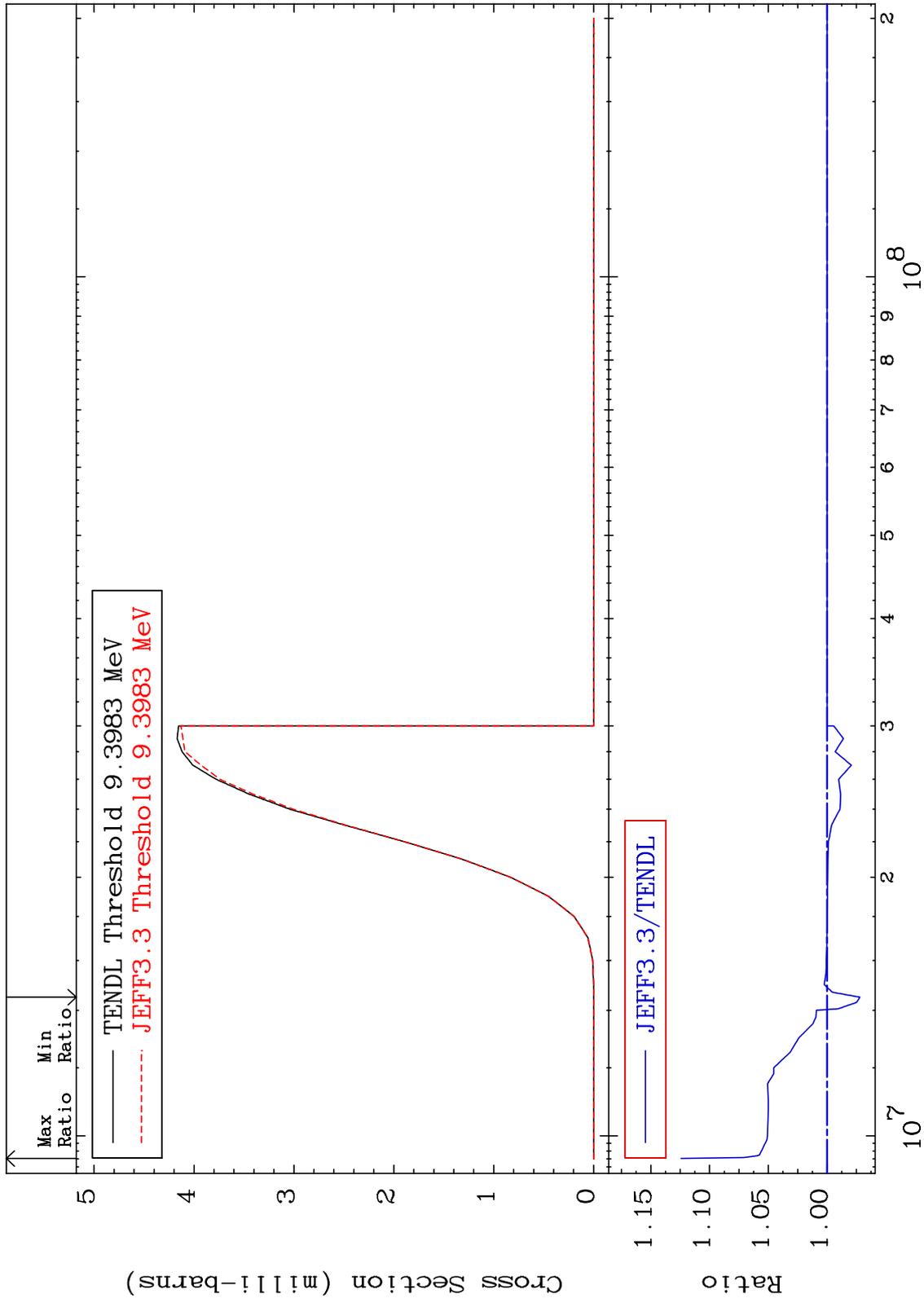
MAT 5243

(n, t)

52-Te-126

Cross Section

-2.797 To 12.42 %



Incident Energy (eV)

52-Te-126

53

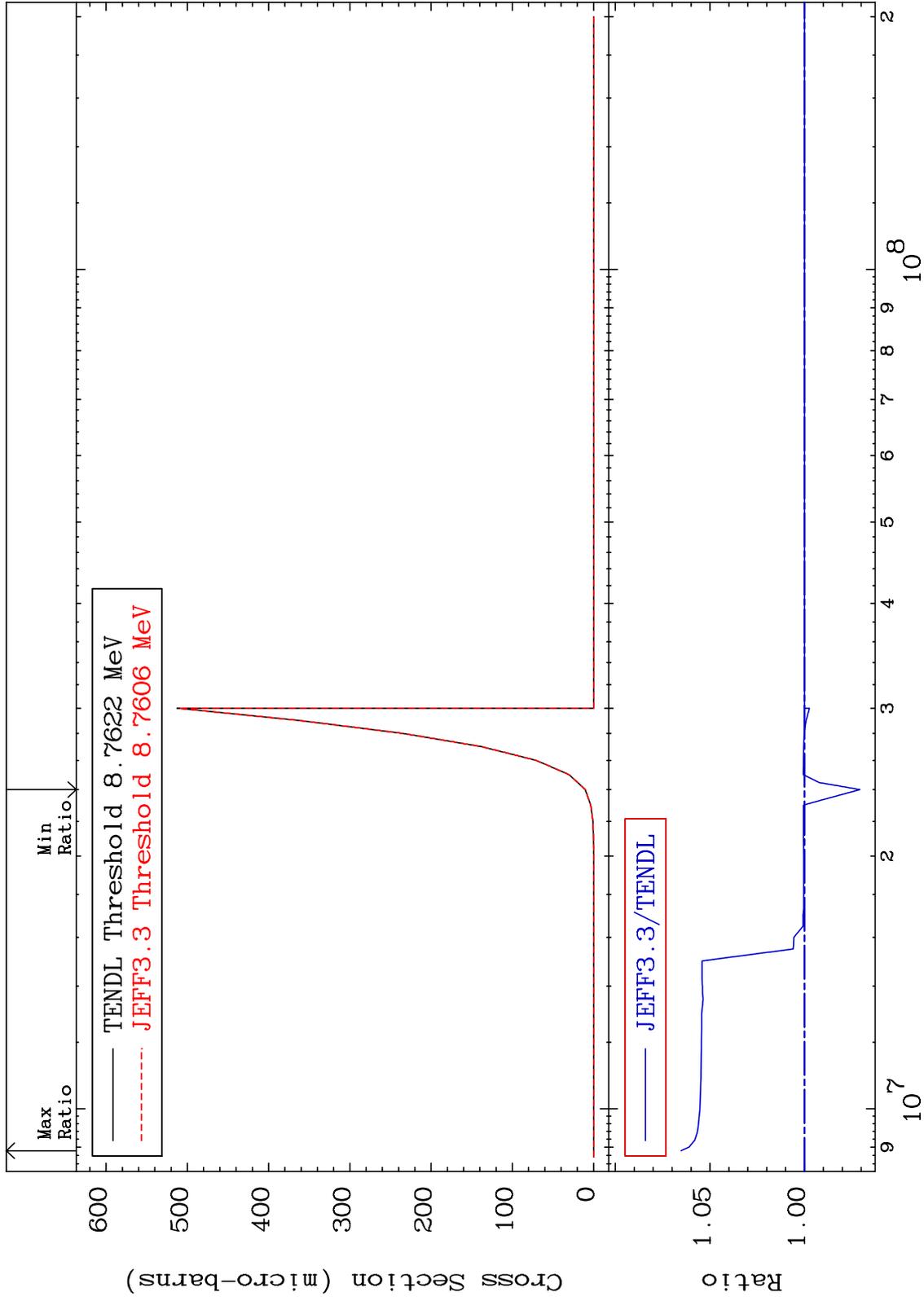
MAT 5243

(n, He-3)

52-Te-126

Cross Section

-2.927 To 6.522 %



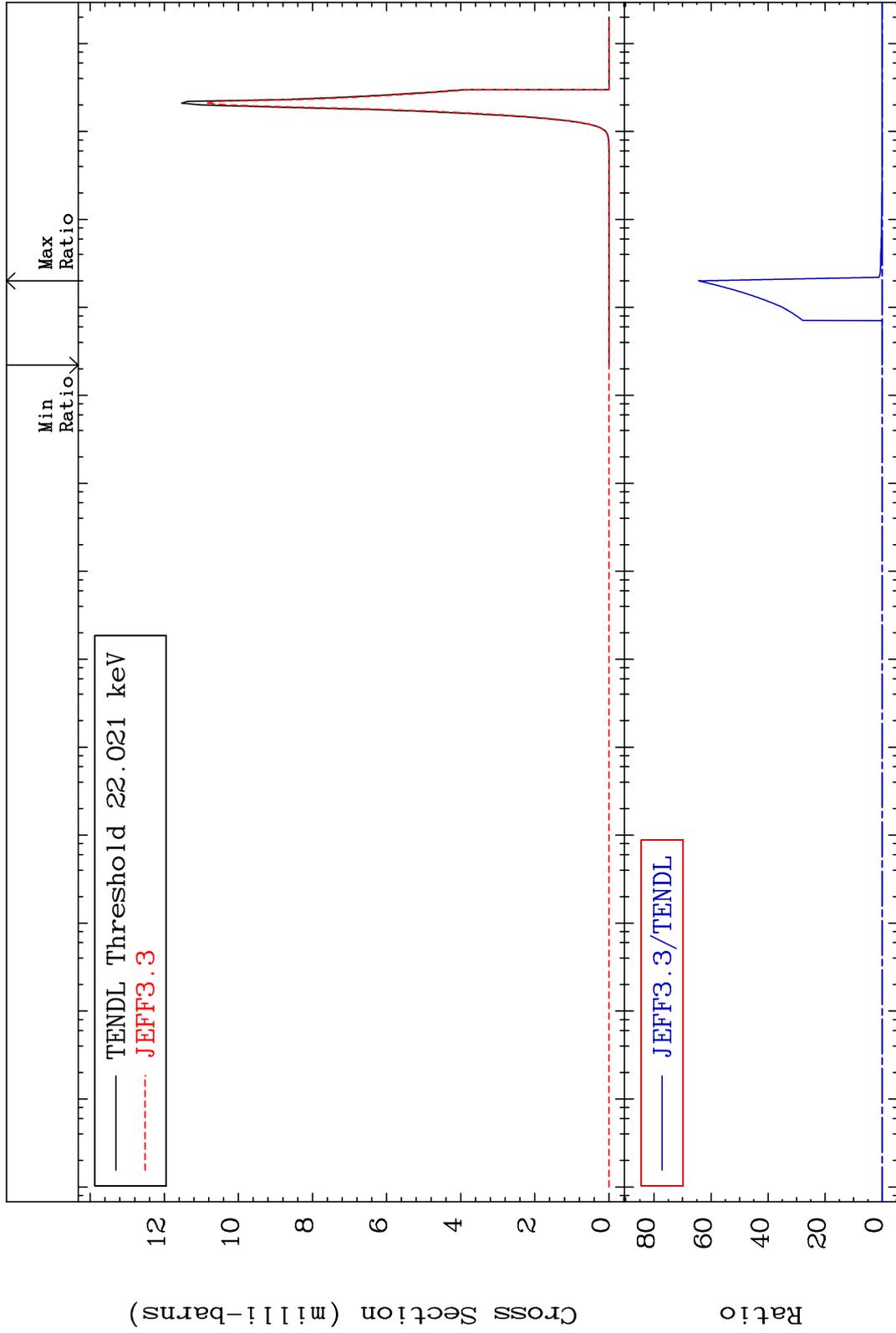
MAT 5243

(n, α)

52-Te-126

Cross Section

-100.0 To 9999. %



55

Incident Energy (eV)

52-Te-126

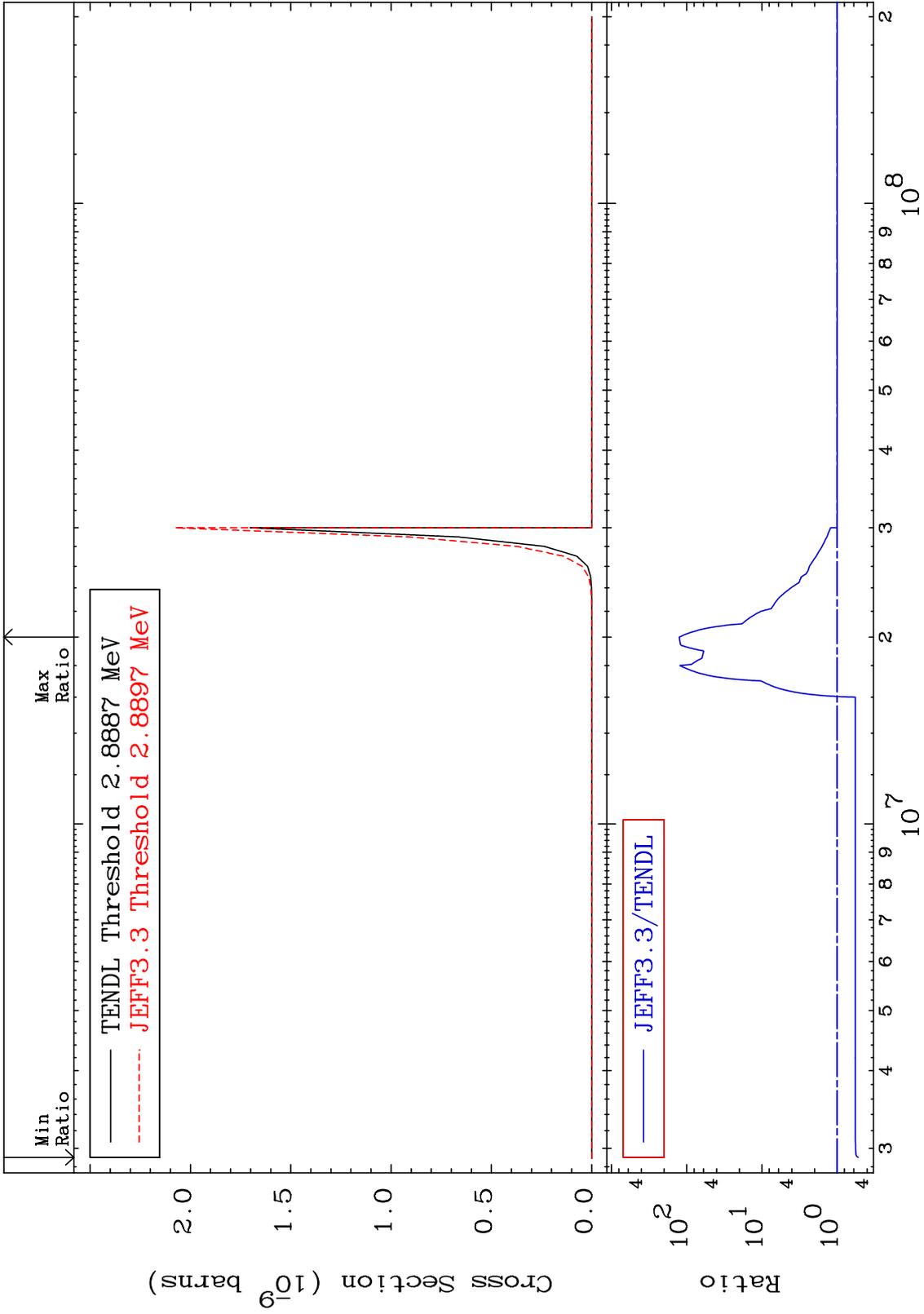
MAT 5243

(n, 2α)

52-Te-126

-47.49 To 9999. %

Cross Section



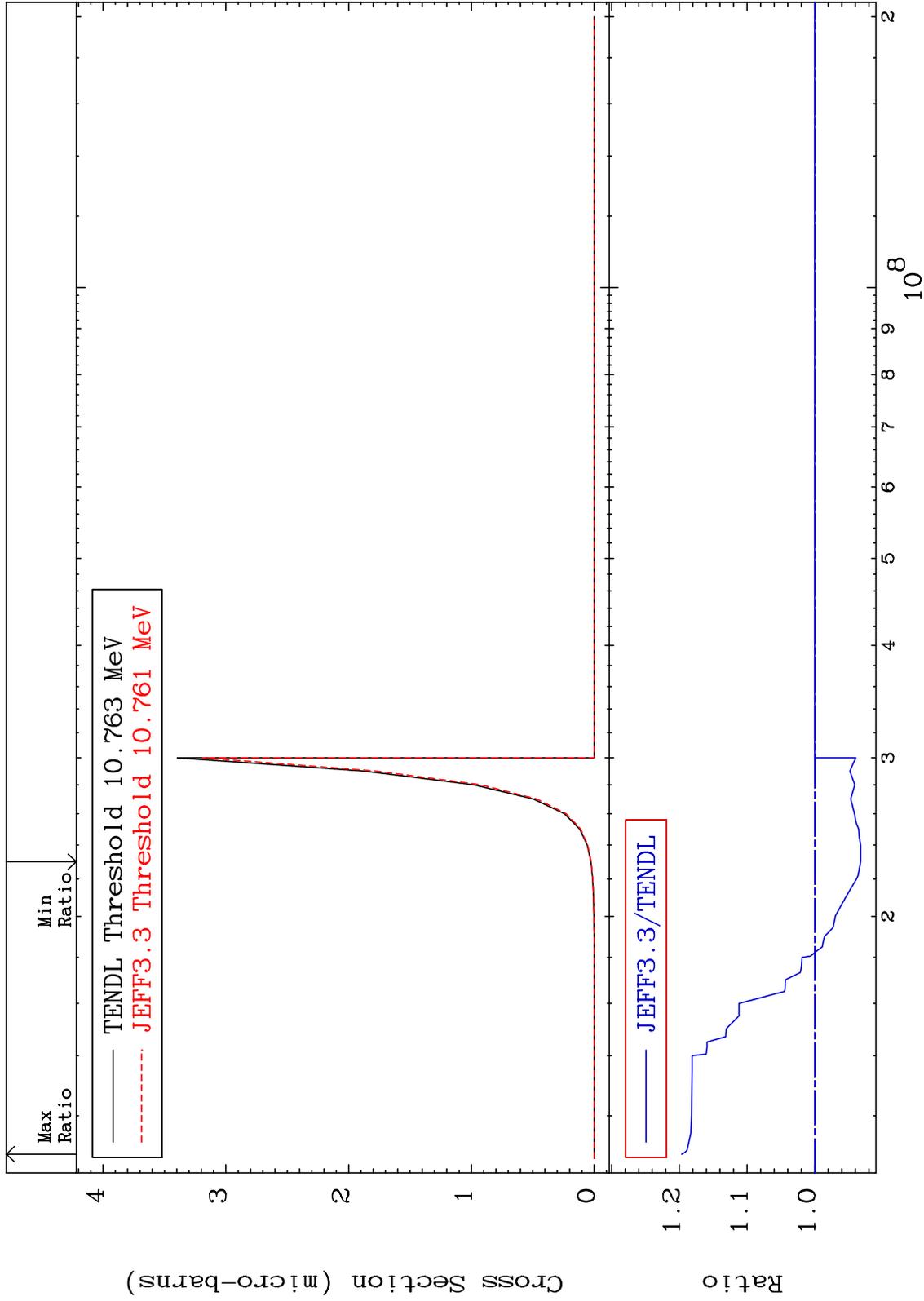
MAT 5243

(n,2p)

52-Te-126

Cross Section

-6.776 To 19.64 %



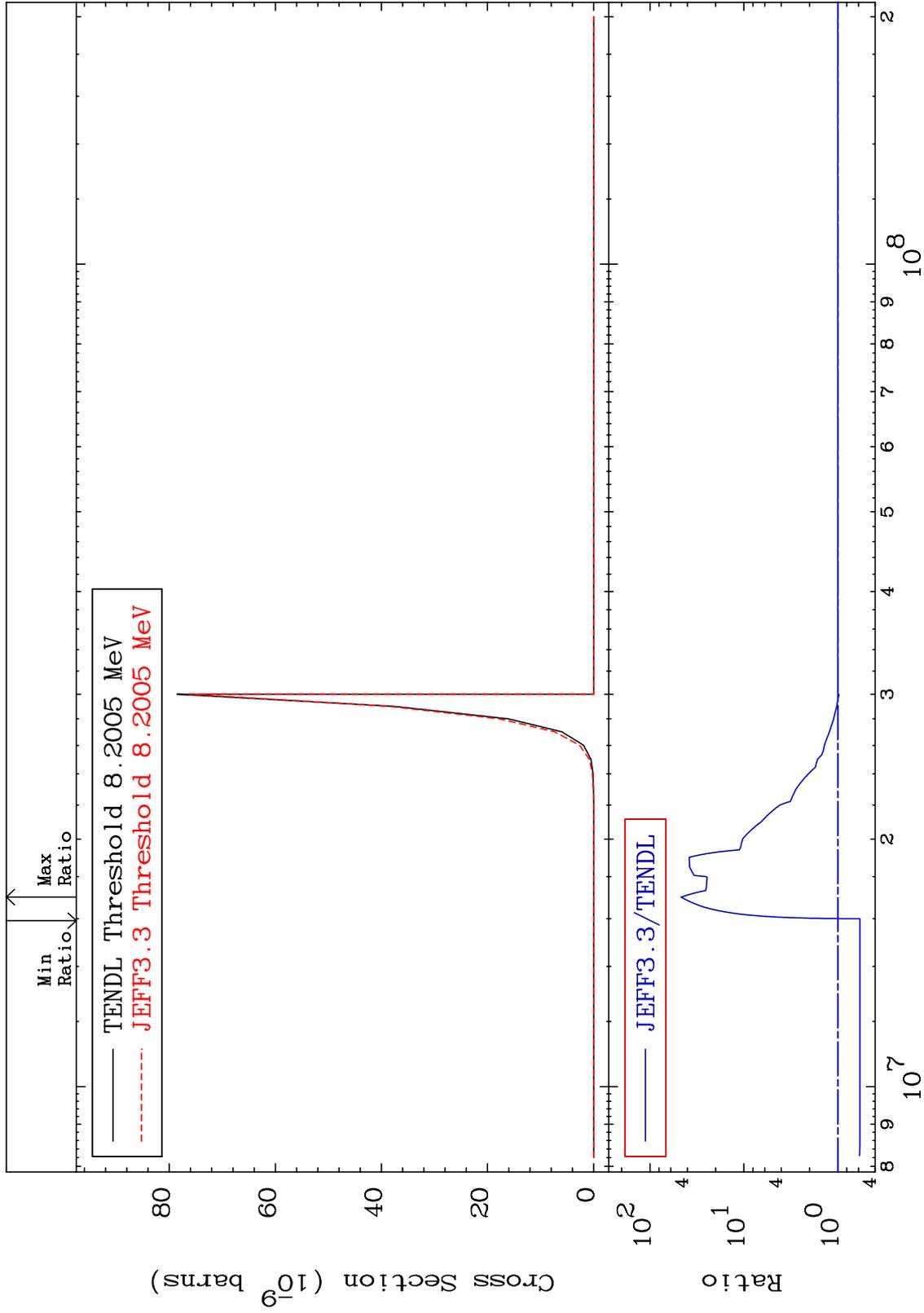
MAT 5243

(n,p) α

52-Te-126

Cross Section

-41.93 To 4556. %



58

Incident Energy (eV)

52-Te-126

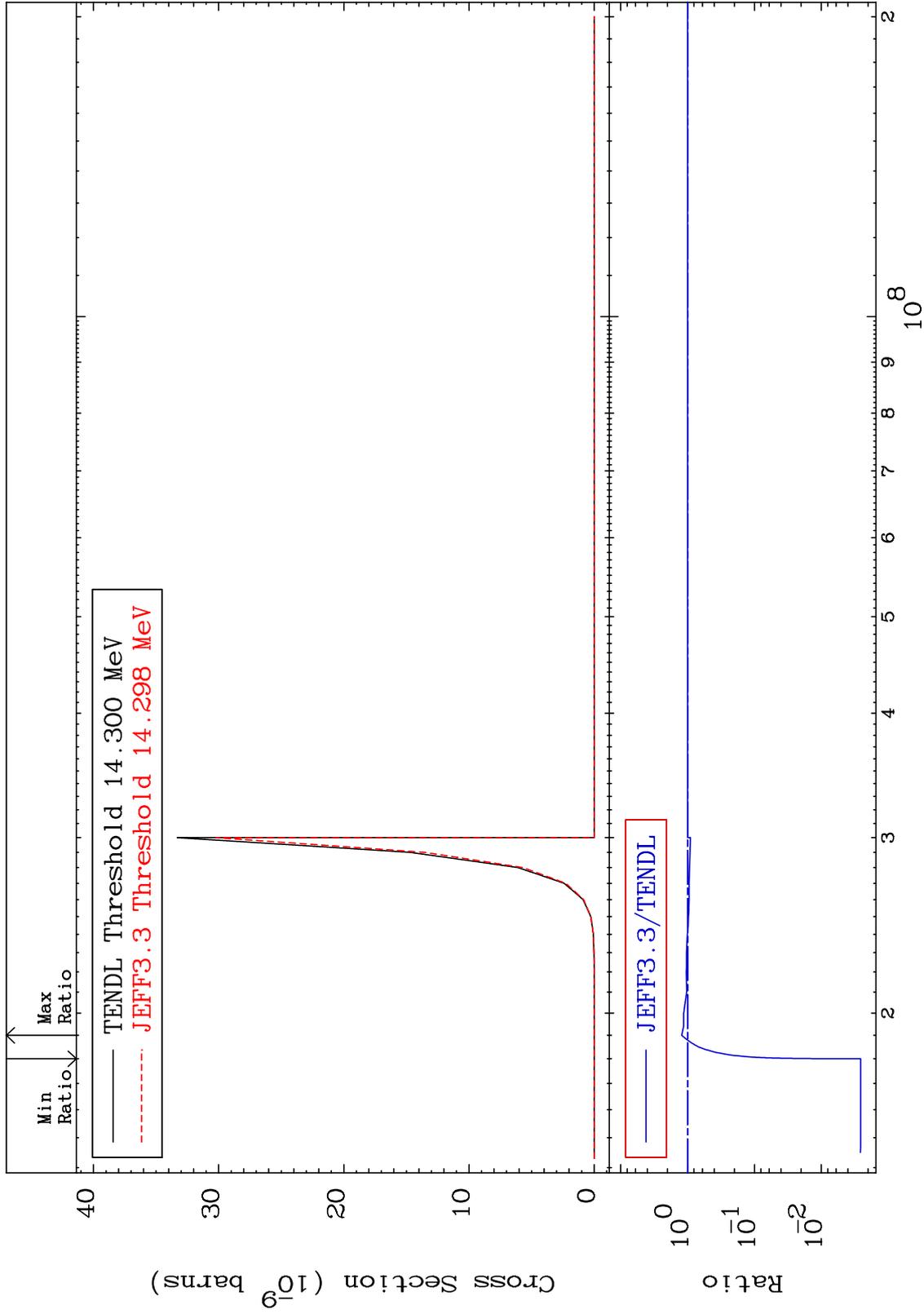
MAT 5243

(n,p) d

52-Te-126

Cross Section

-99.74 To 22.07 %



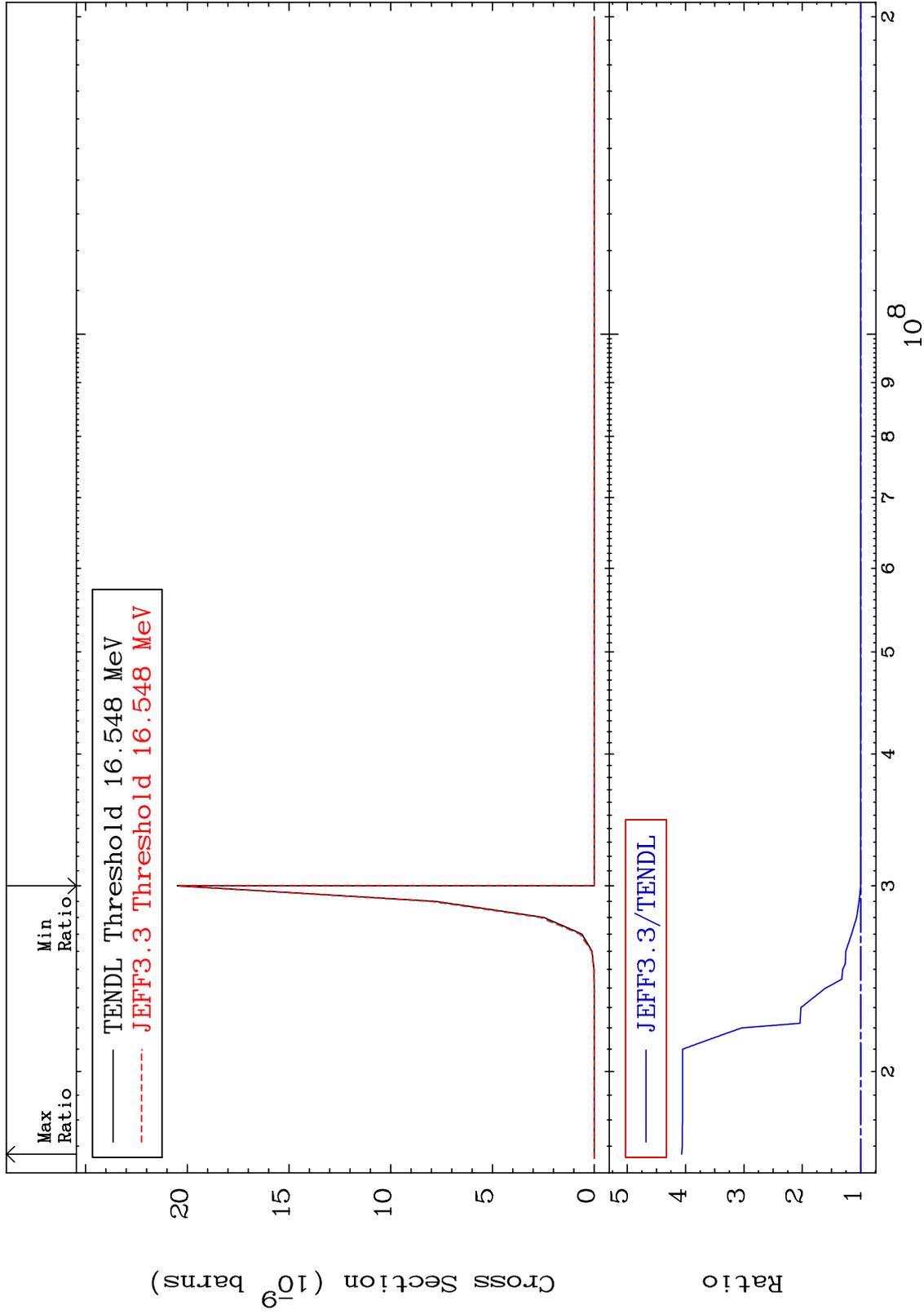
MAT 5243

(n,p) t

52-Te-126

Cross Section

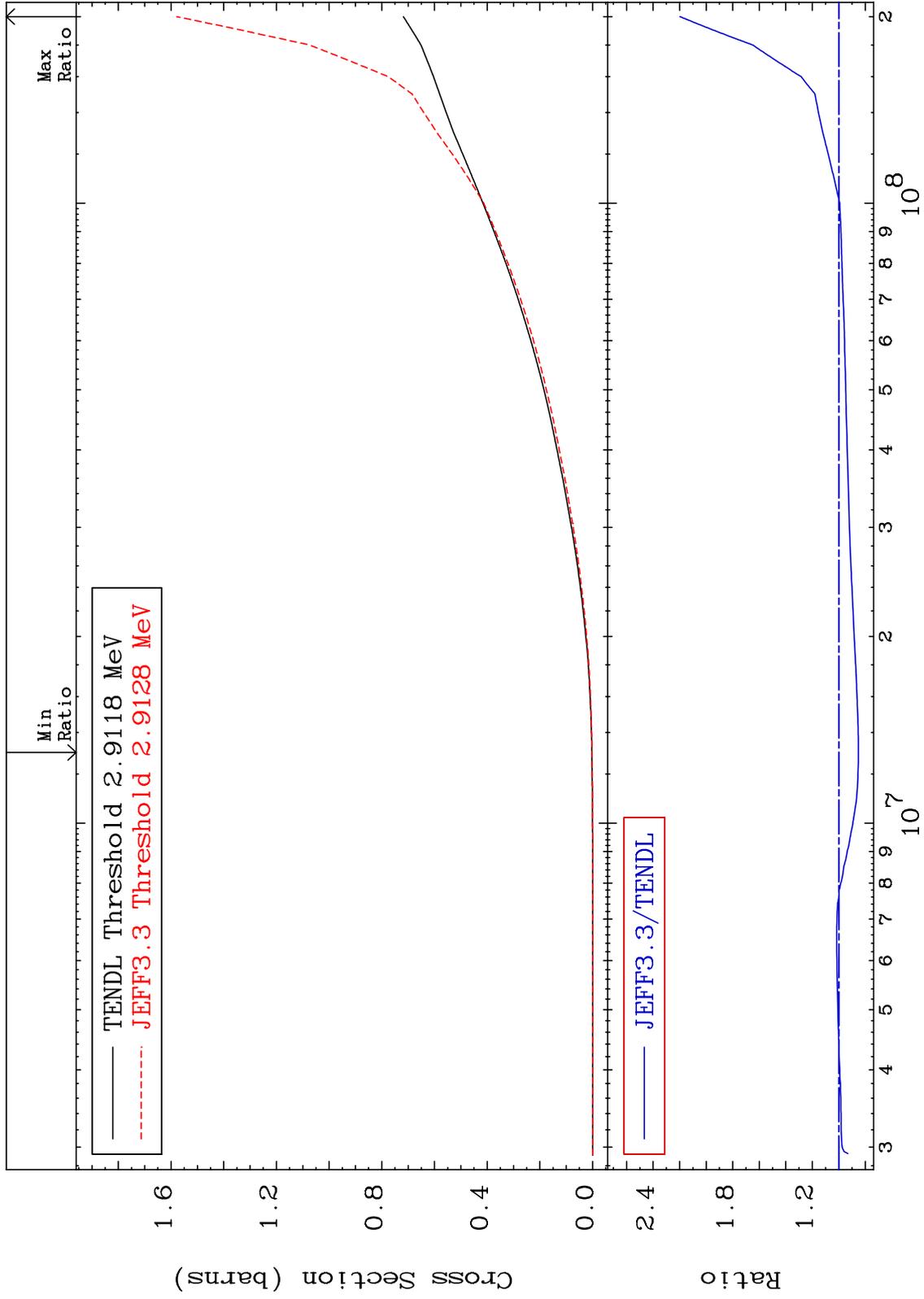
-0.099 To 306.6 %



MAT 5243

Hydrogen Production
Cross Section

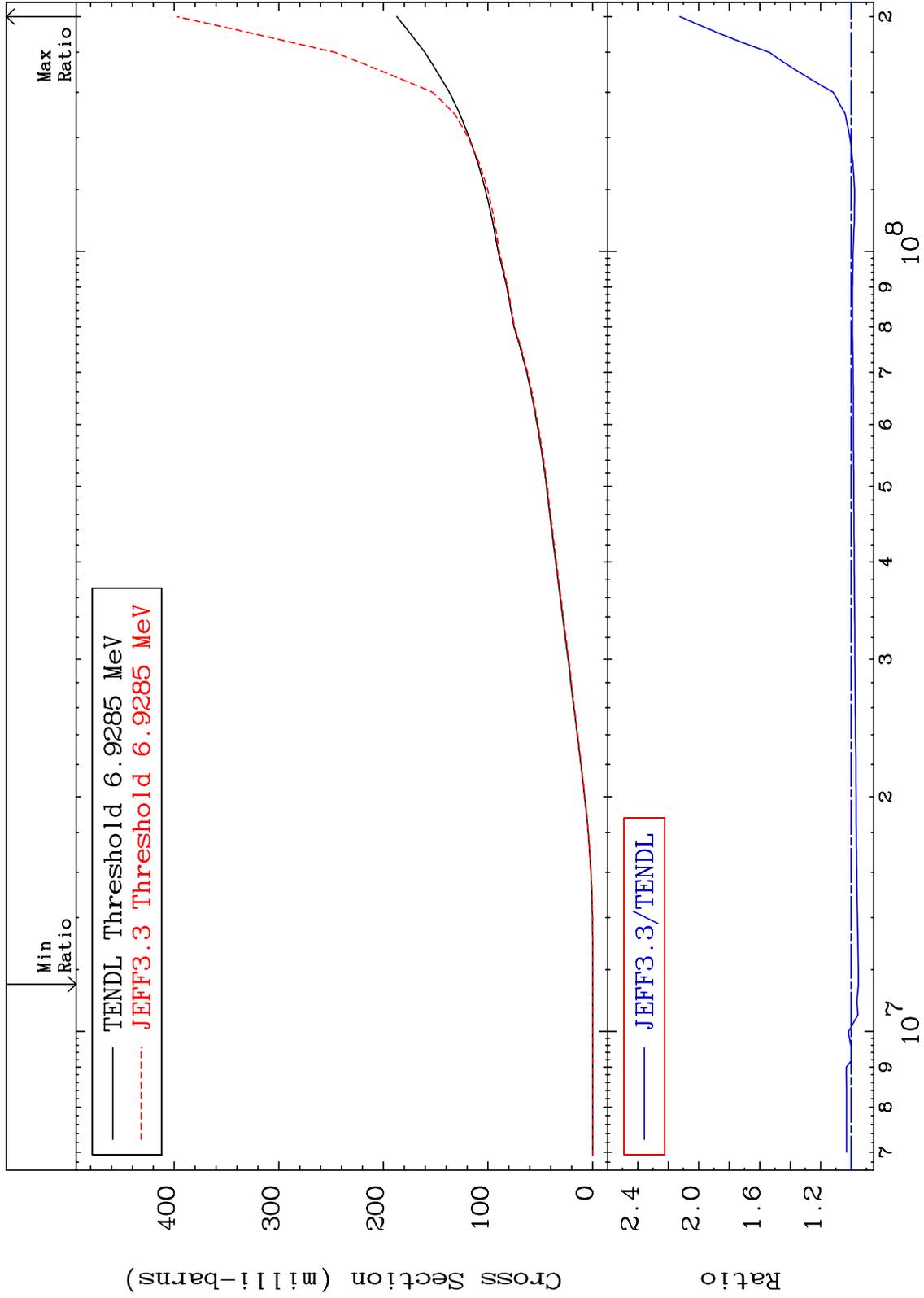
52-Te-126
-14.74 To 119.8 %



MAT 5243

Deuterium Production
Cross Section

52-Te-126
-4.735 To 112.3 %



62

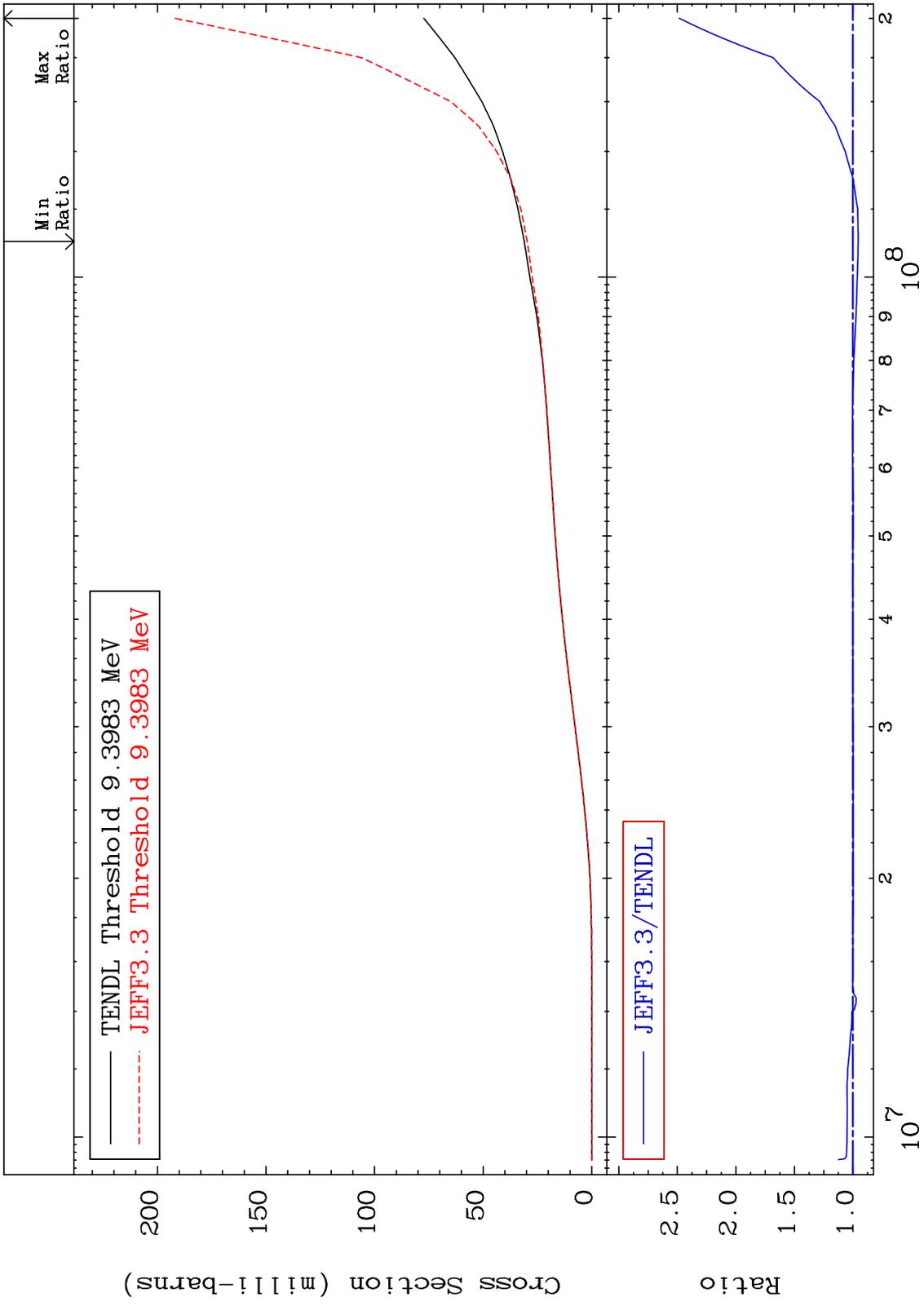
Incident Energy (eV)

52-Te-126

MAT 5243

Tritium Production
Cross Section

52-Te-126
-4.453 To 148.3 %



63

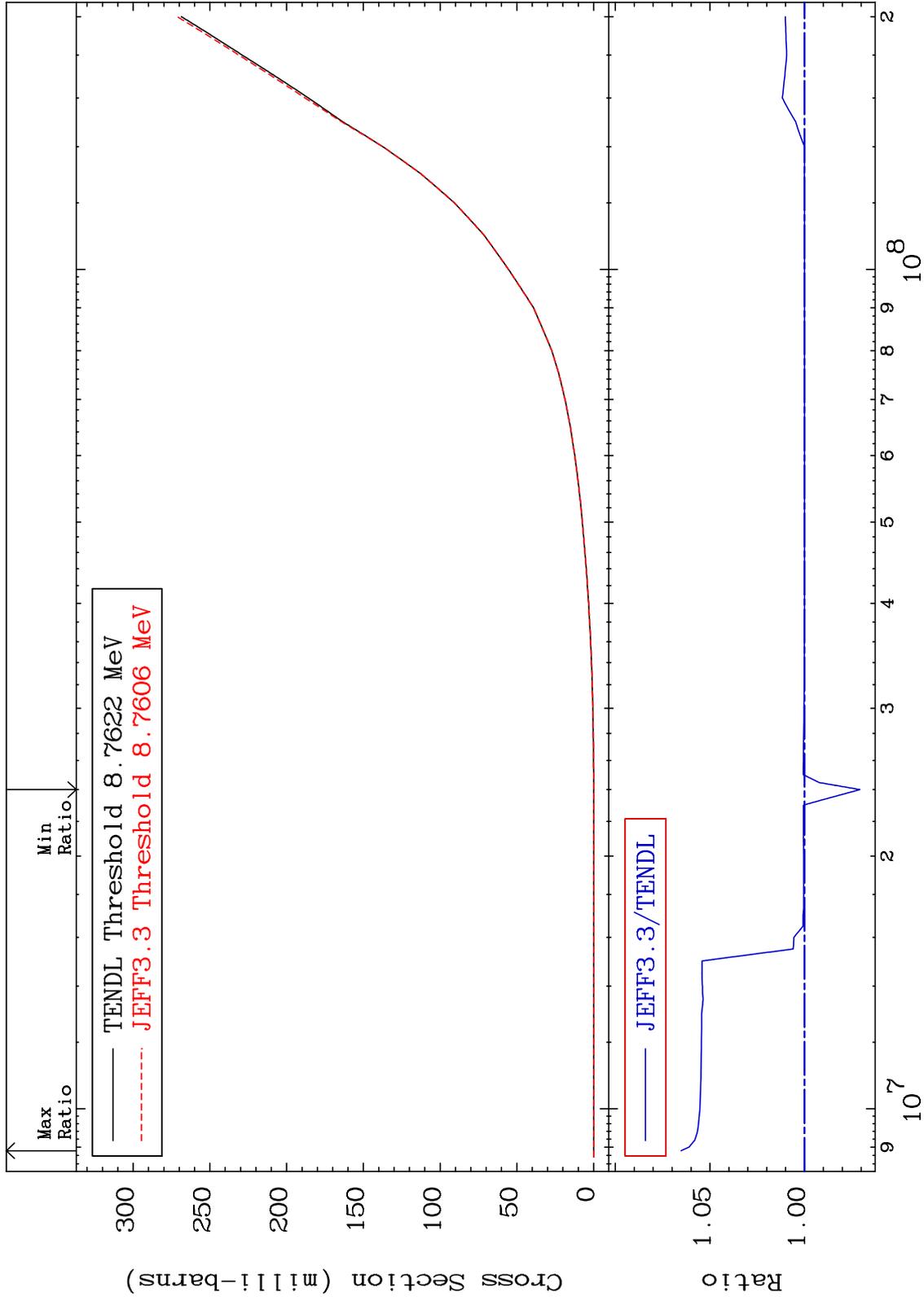
Incident Energy (eV)

52-Te-126

MAT 5243

He-3 Production
Cross Section

52-Te-126
-2.927 To 6.522 %



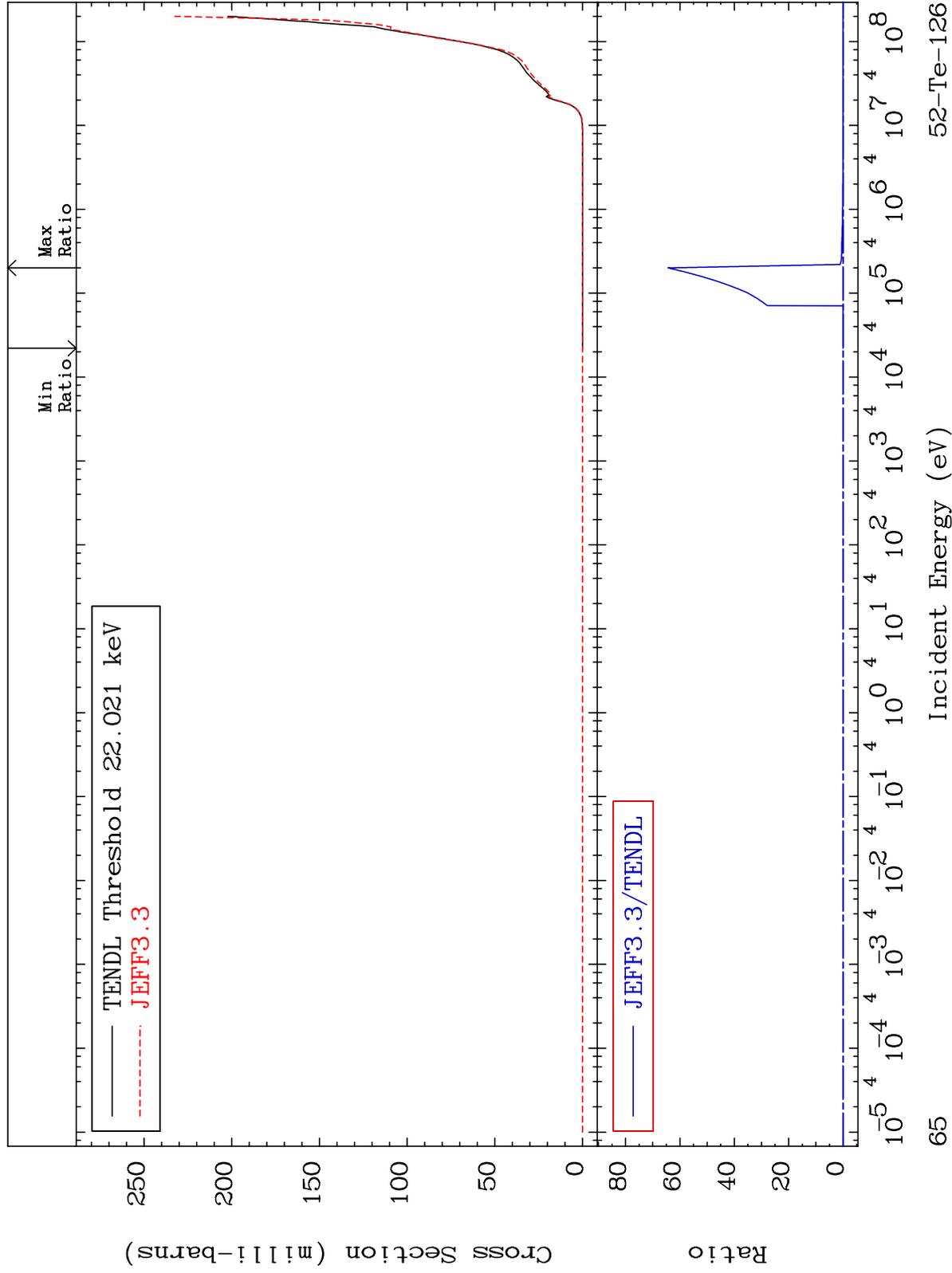
64

52-Te-126

MAT 5243

He-4 Production
Cross Section

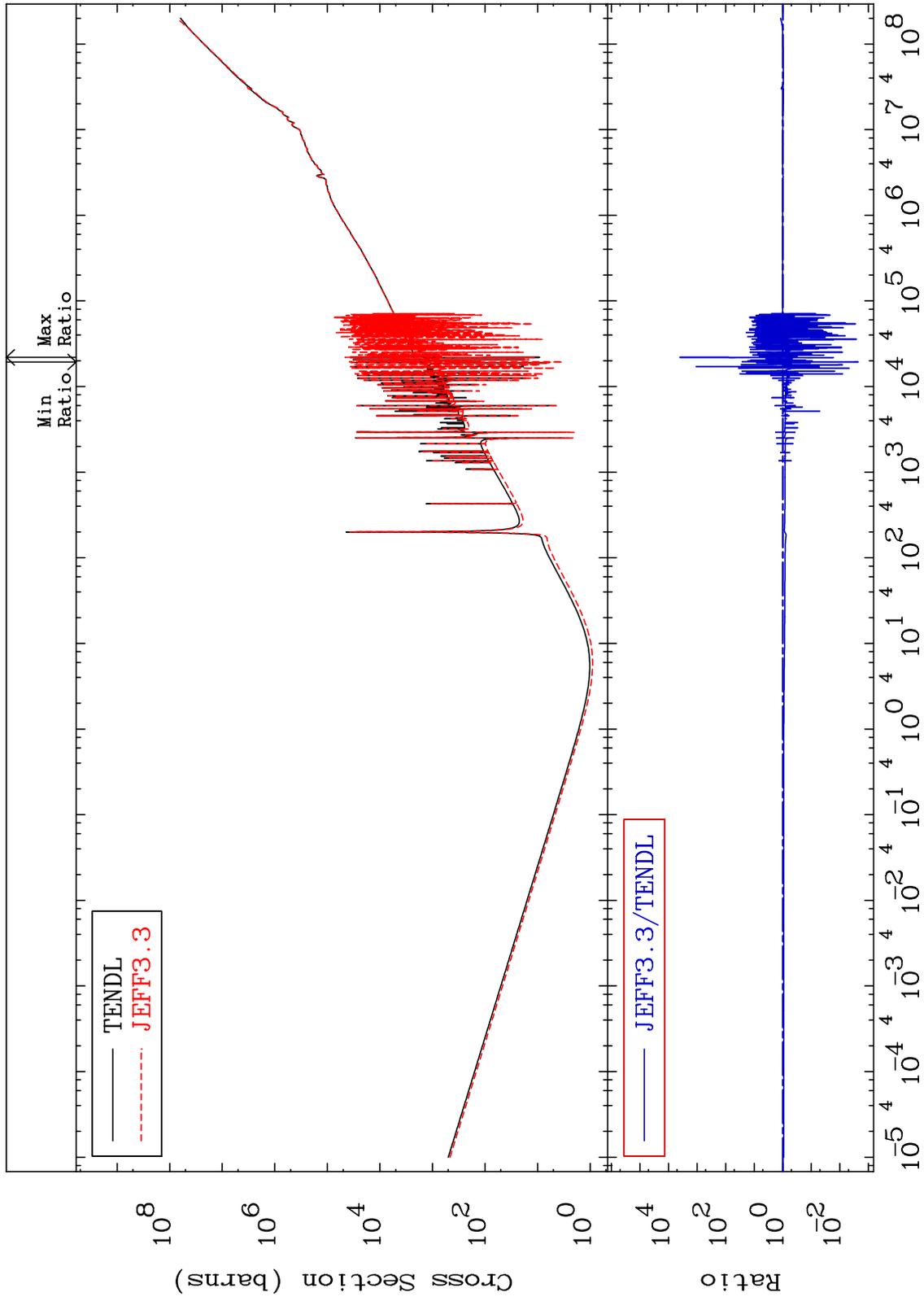
52-Te-126
-100.0 To 9999. %



MAT 5243

Kerma total (eV-barns)
Cross Section

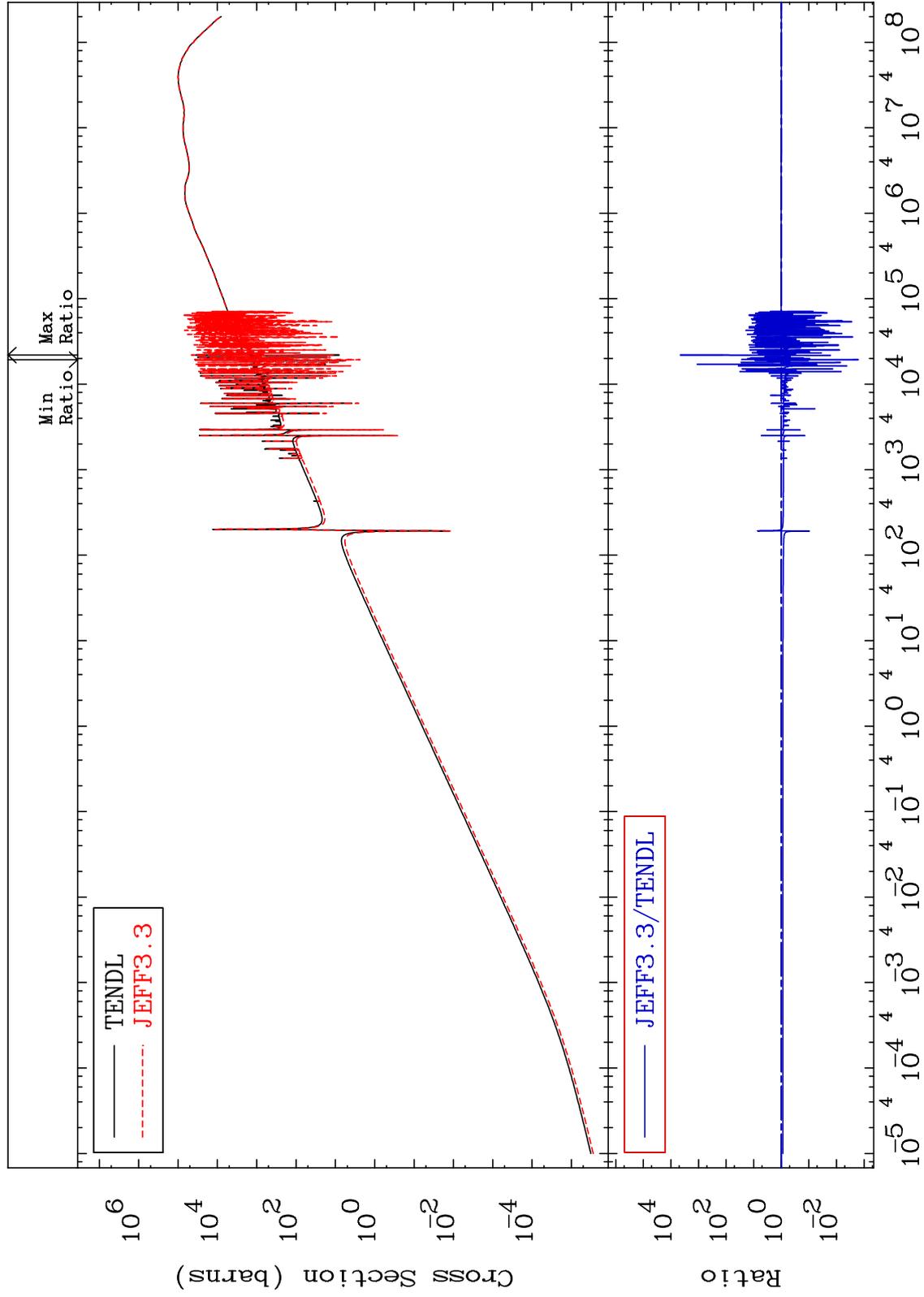
52-Te-126
-99.78 To 9999. %



MAT 5243

Kerma elastic
Cross Section

52-Te-126
-99.84 To 9999. %



67

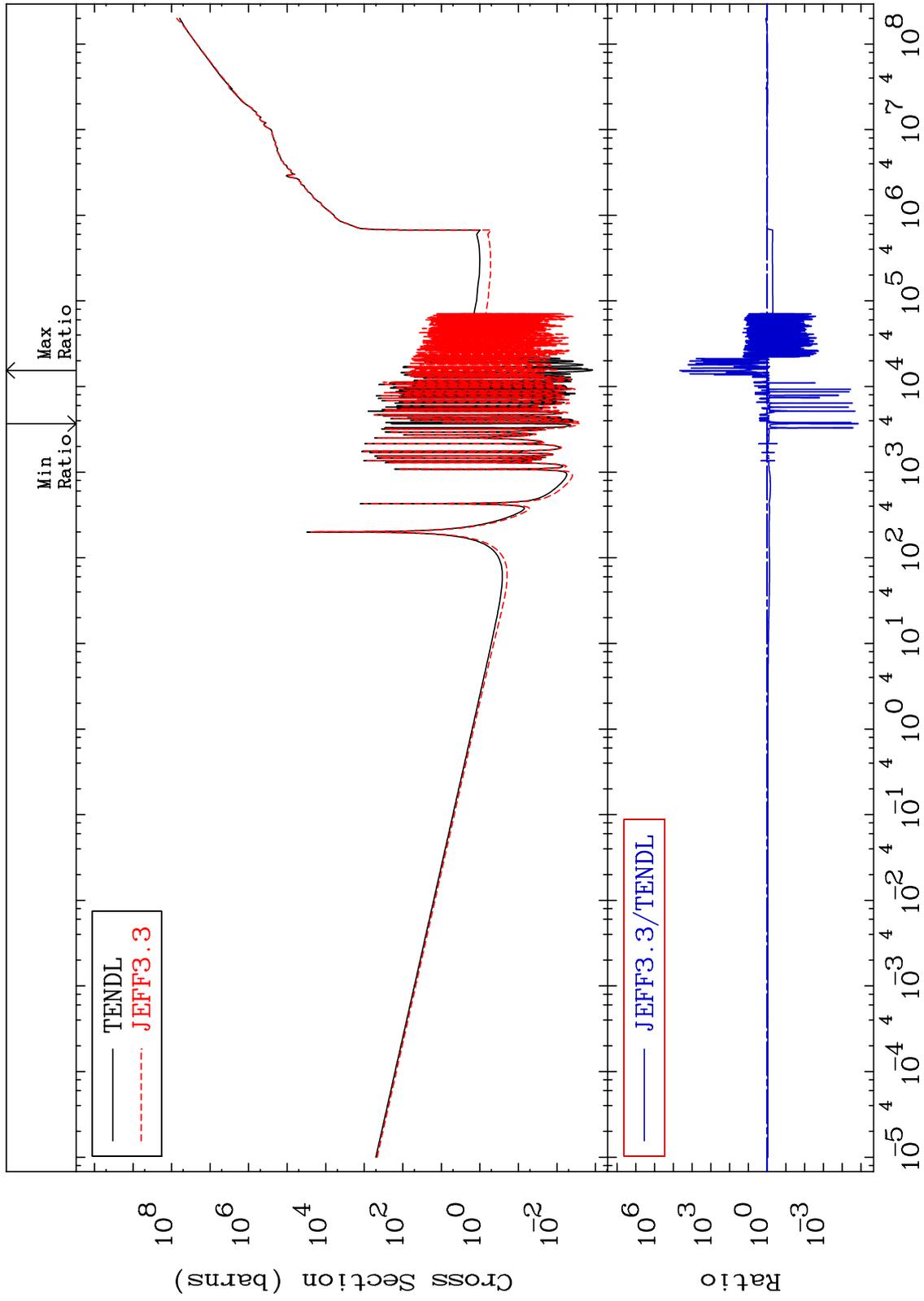
Incident Energy (eV)

52-Te-126

MAT 5243

Kerma non-elastic (all but mt2)
Cross Section

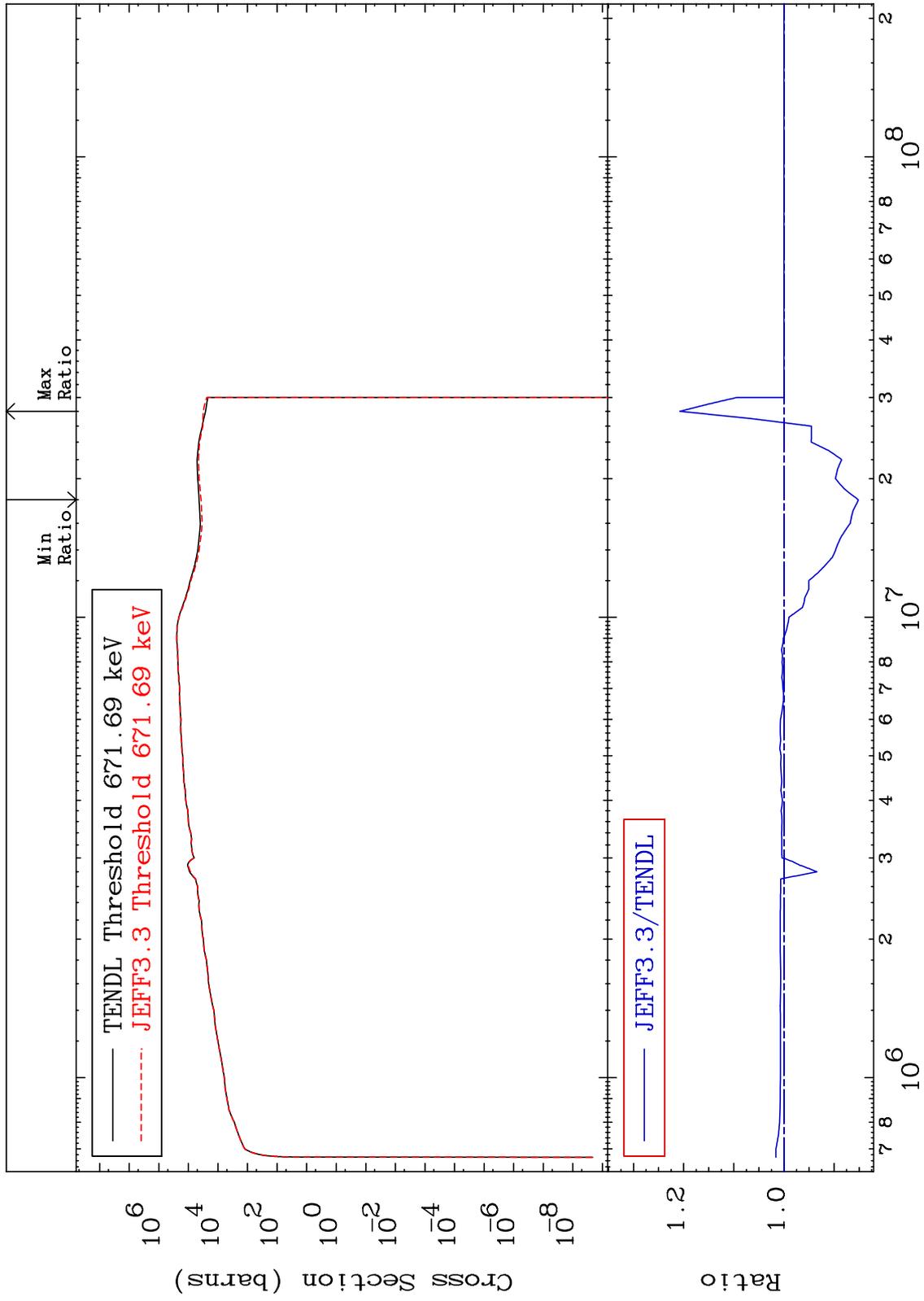
52-Te-126
-100.0 To 9999. %



MAT 5243

Kerma inelastic (mt51-91)
Cross Section

52-Te-126
-14.84 To 20.74 %



69

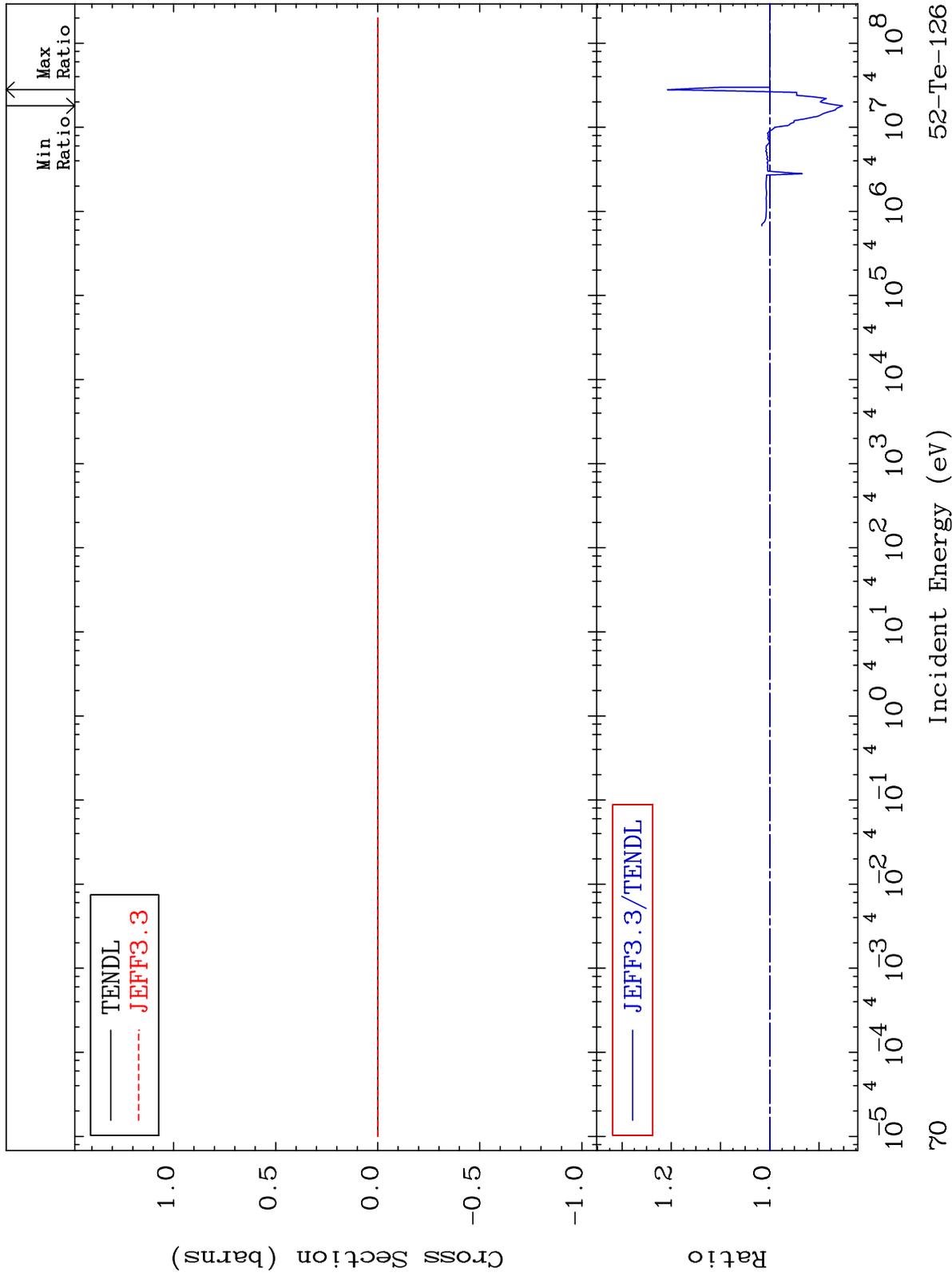
Incident Energy (eV)

52-Te-126

MAT 5243

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

52-Te-126
-14.84 To 20.74 %



70

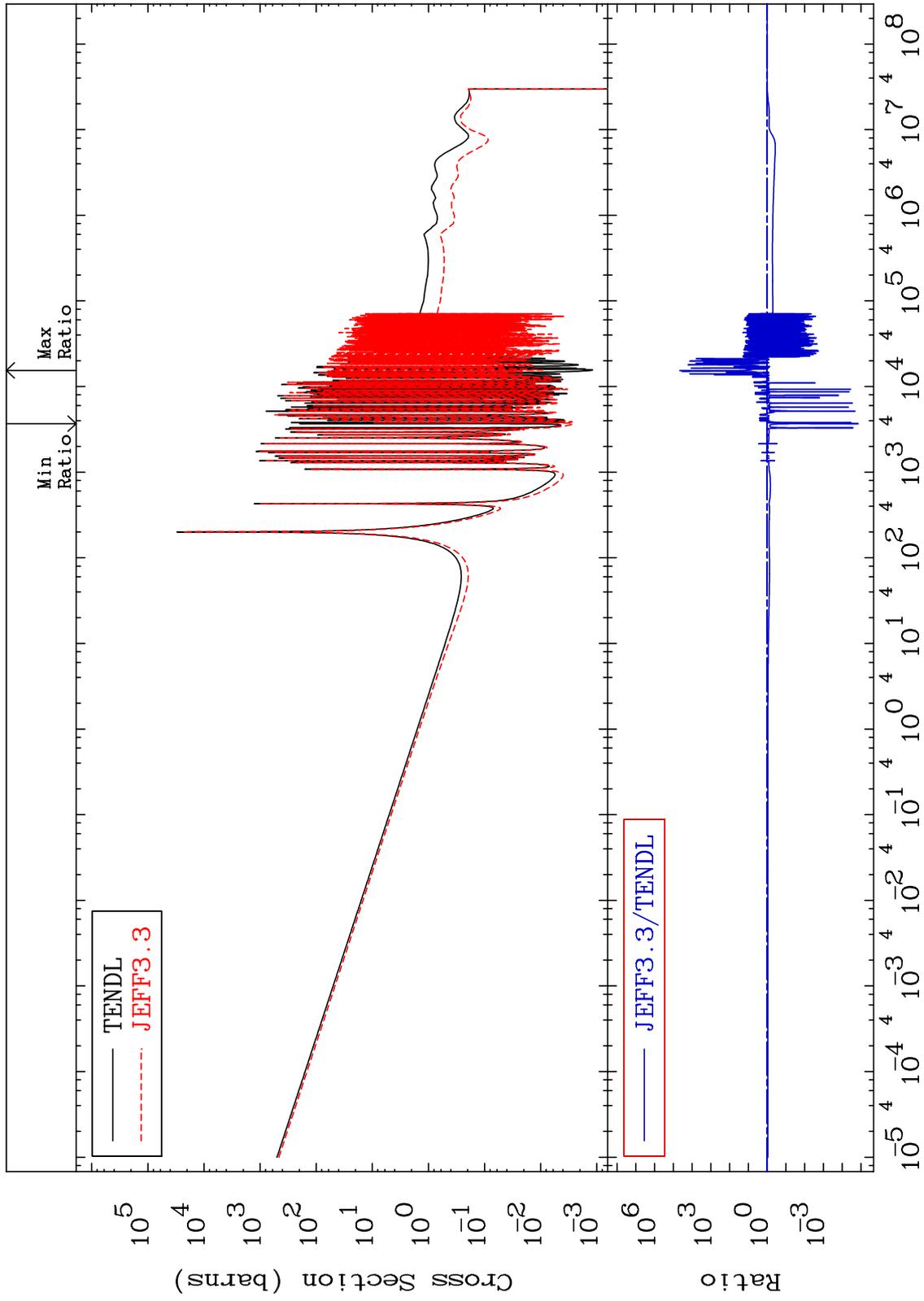
Incident Energy (eV)

52-Te-126

MAT 5243

Kerma capture (mt102)
Cross Section

52-Te-126
-100.0 To 9999. %



71

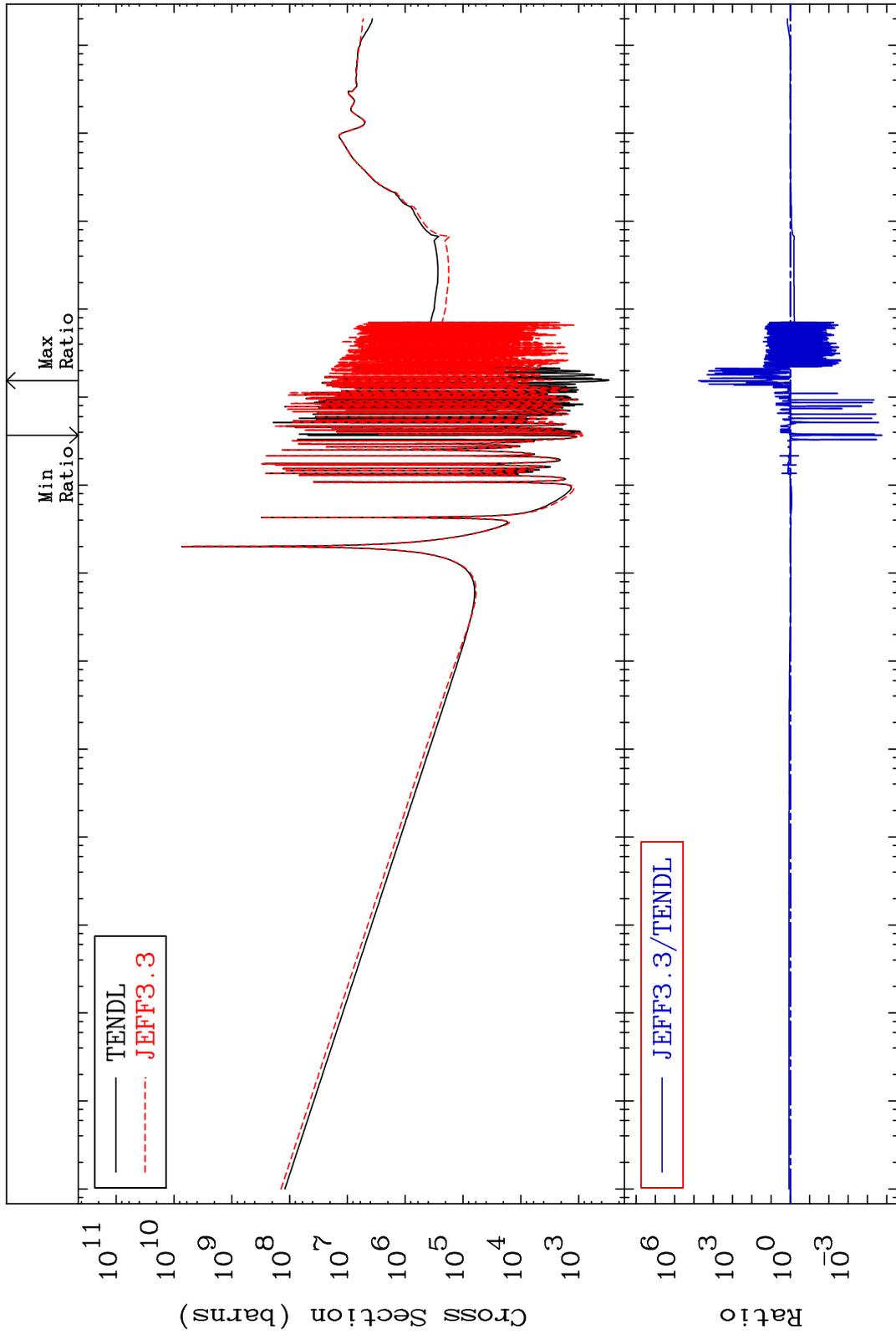
Incident Energy (eV)

52-Te-126

MAT 5243

Total photon (eV-barns)
Cross Section

52-Te-126
-100.0 To 9999. %



72

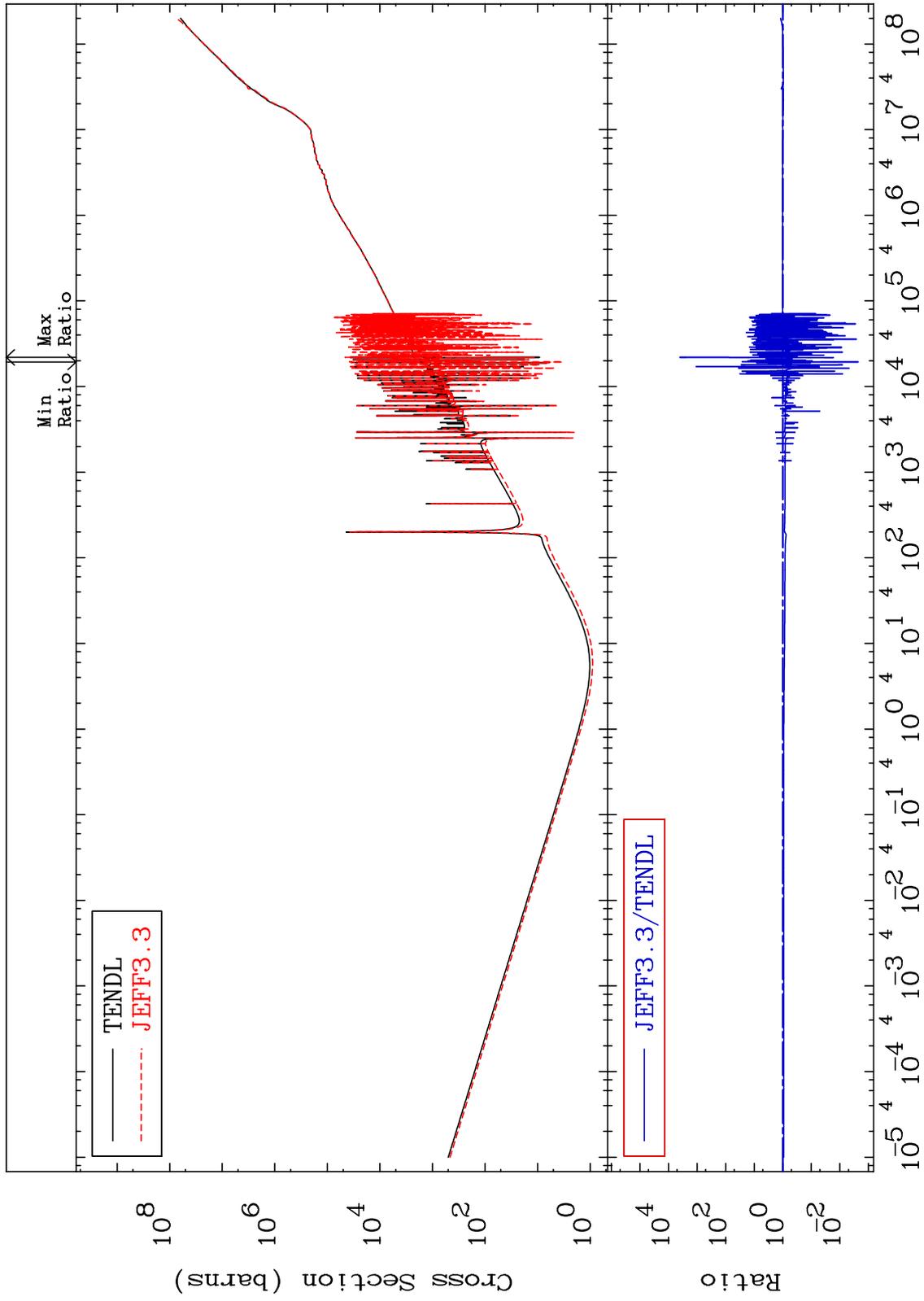
Incident Energy (eV)

52-Te-126

MAT 5243

Total kinematic kerma (high limit)
Cross Section

52-Te-126
-99.78 To 9999. %



73

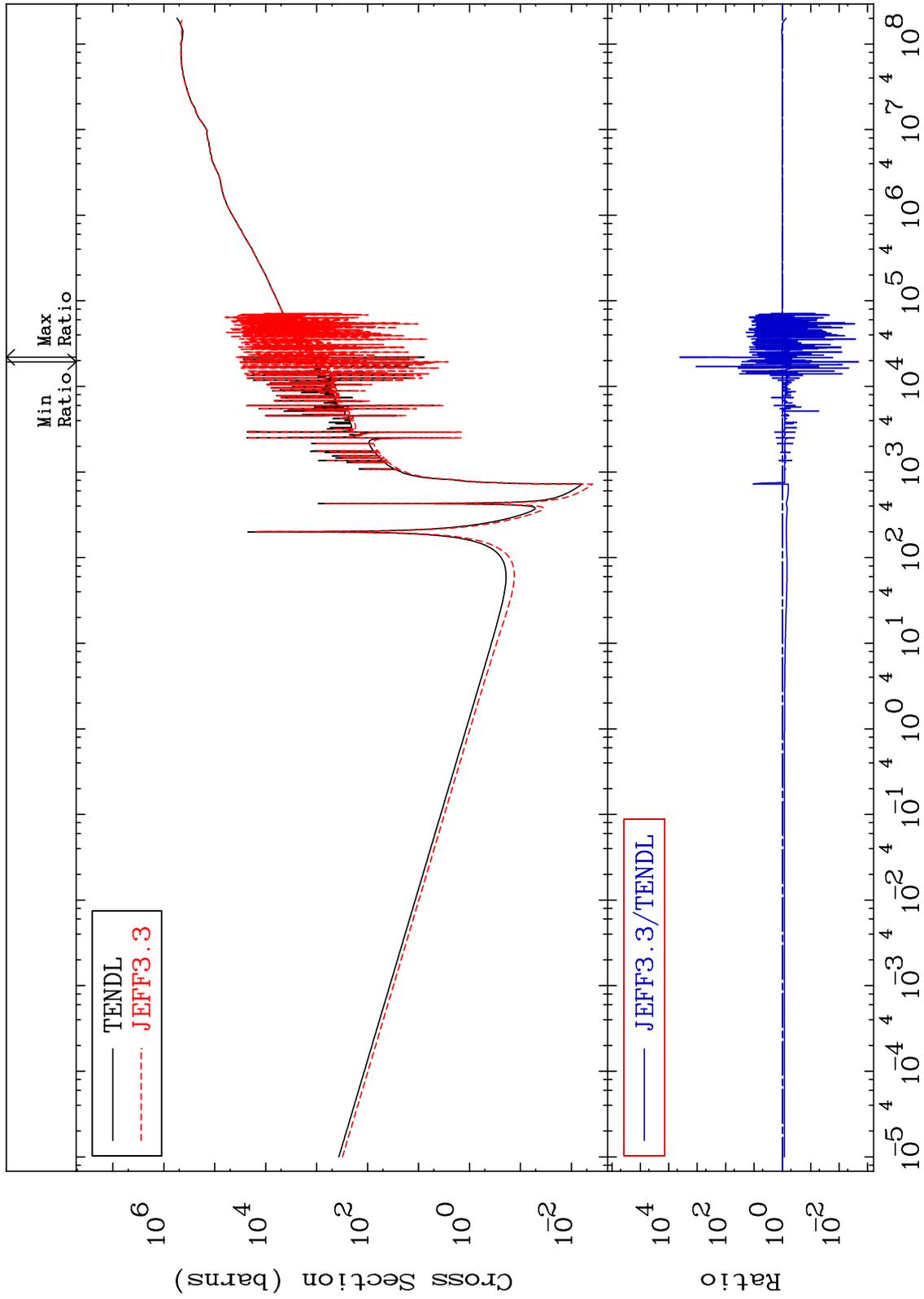
Incident Energy (eV)

52-Te-126

MAT 5243

Dpa total (eV-barns)
Cross Section

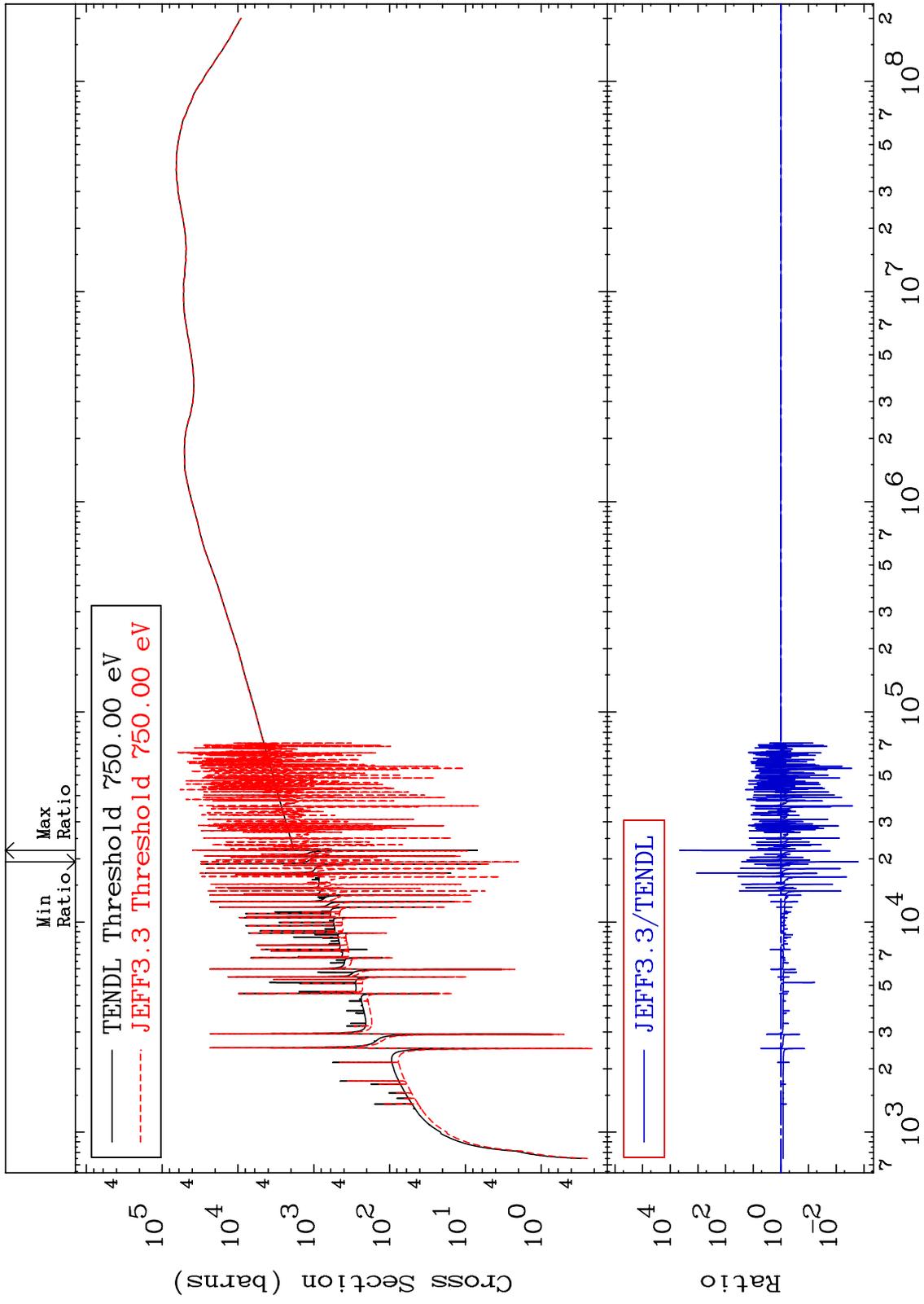
52-Te-126
-99.79 To 9999. %



MAT 5243

Dpa elastic (mt2)
Cross Section

52-Te-126
-99.84 To 9999. %



75

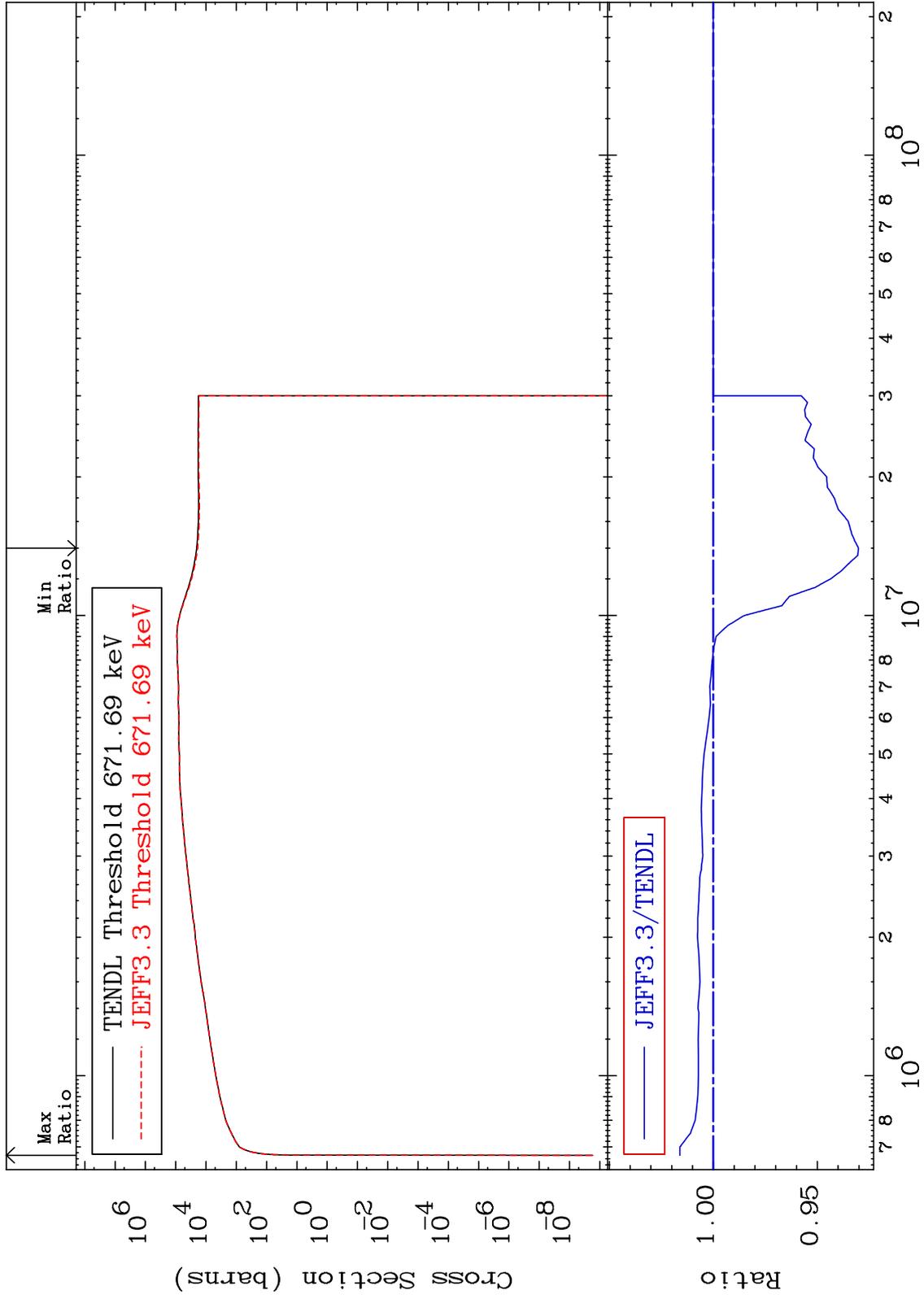
Incident Energy (eV)

52-Te-126

MAT 5243

Dpa inelastic (mt51-91)
Cross Section

52-Te-126
-6.976 To 1.604 %



76

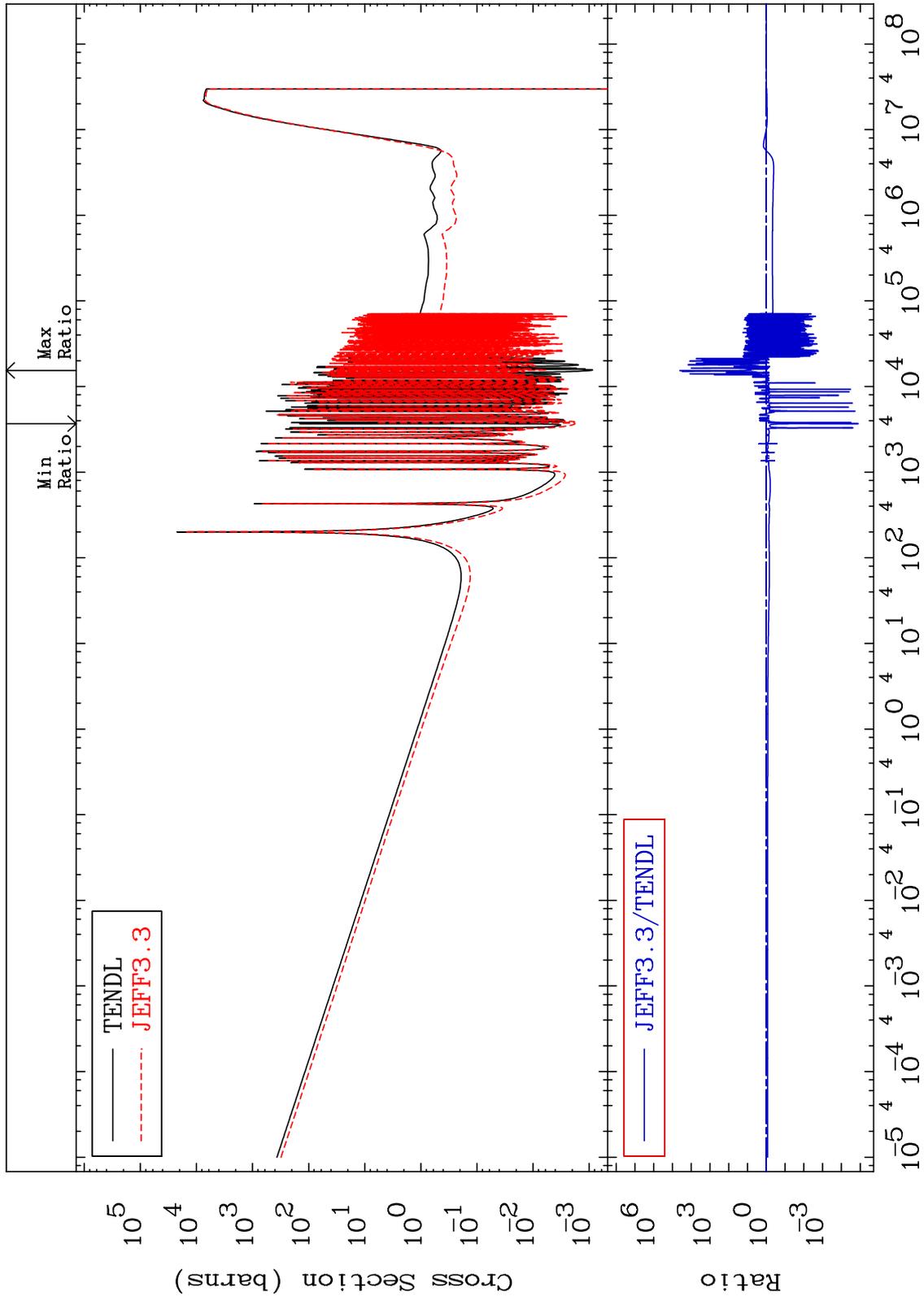
Incident Energy (eV)

52-Te-126

MAT 5243

Dpa disappearance (mt102 -120)
Cross Section

52-Te-126
-100.0 To 9999. %



77

Incident Energy (eV)

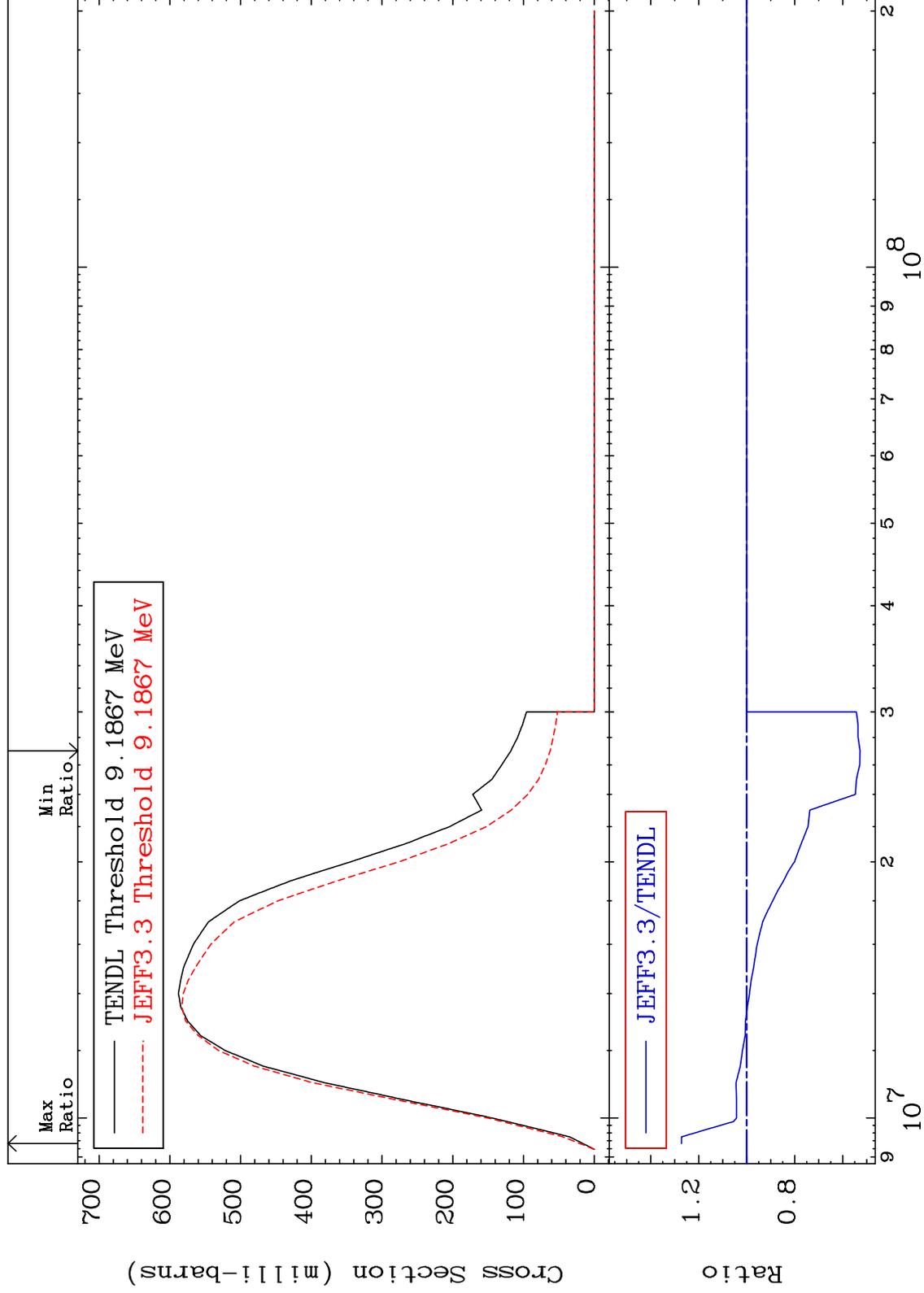
52-Te-126

MAT 5243

(n,2n):52-Te-125g

52-Te-126

Radionuclide Production Cross Section -47.21 To 27.12 %



78

Incident Energy (eV)

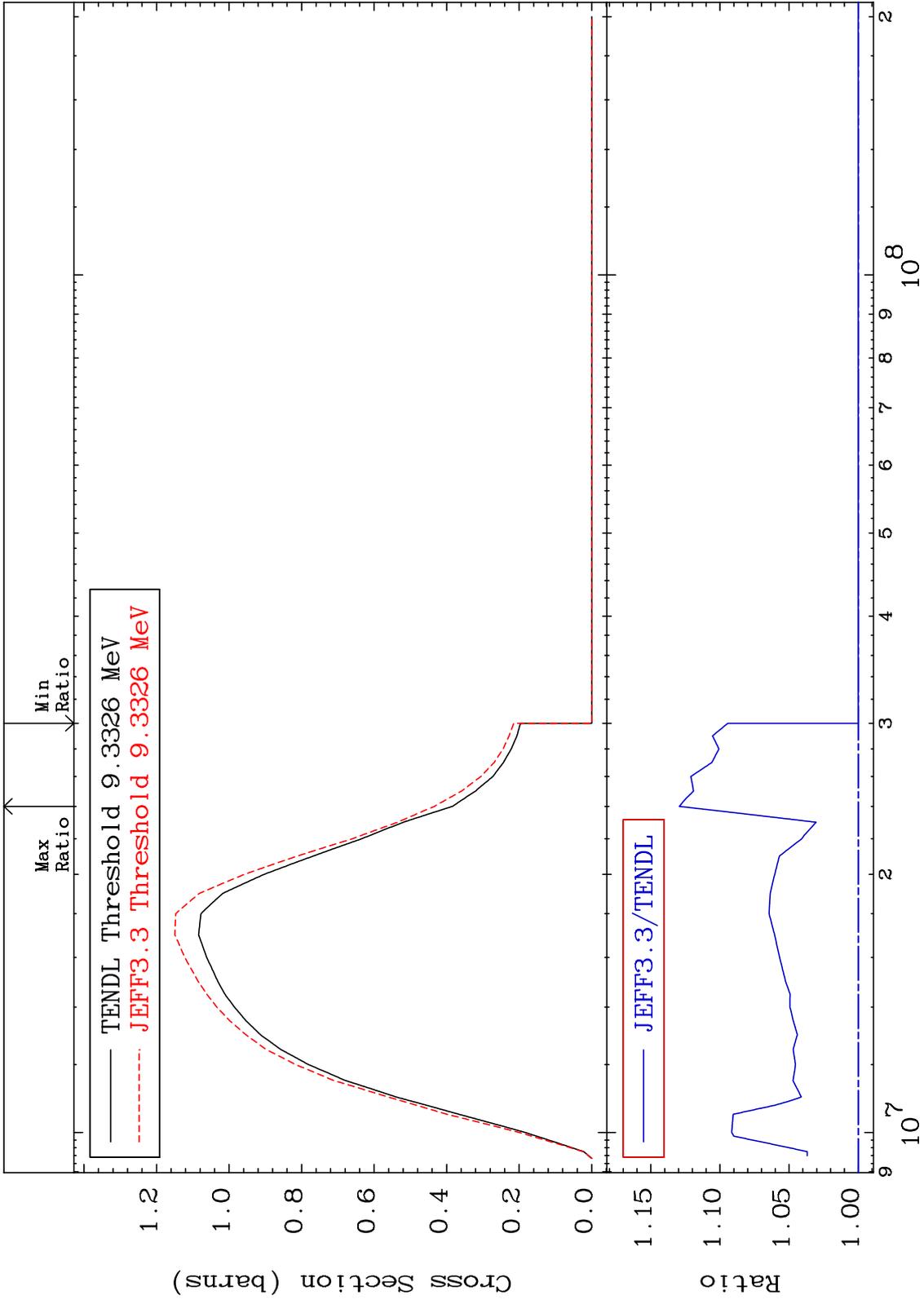
52-Te-126

MAT 5243

(n,2n):52-Te-125m2

52-Te-126

Radionuclide Production Cross Section 0.000 To 12.94 %



52-Te-126

Incident Energy (eV)

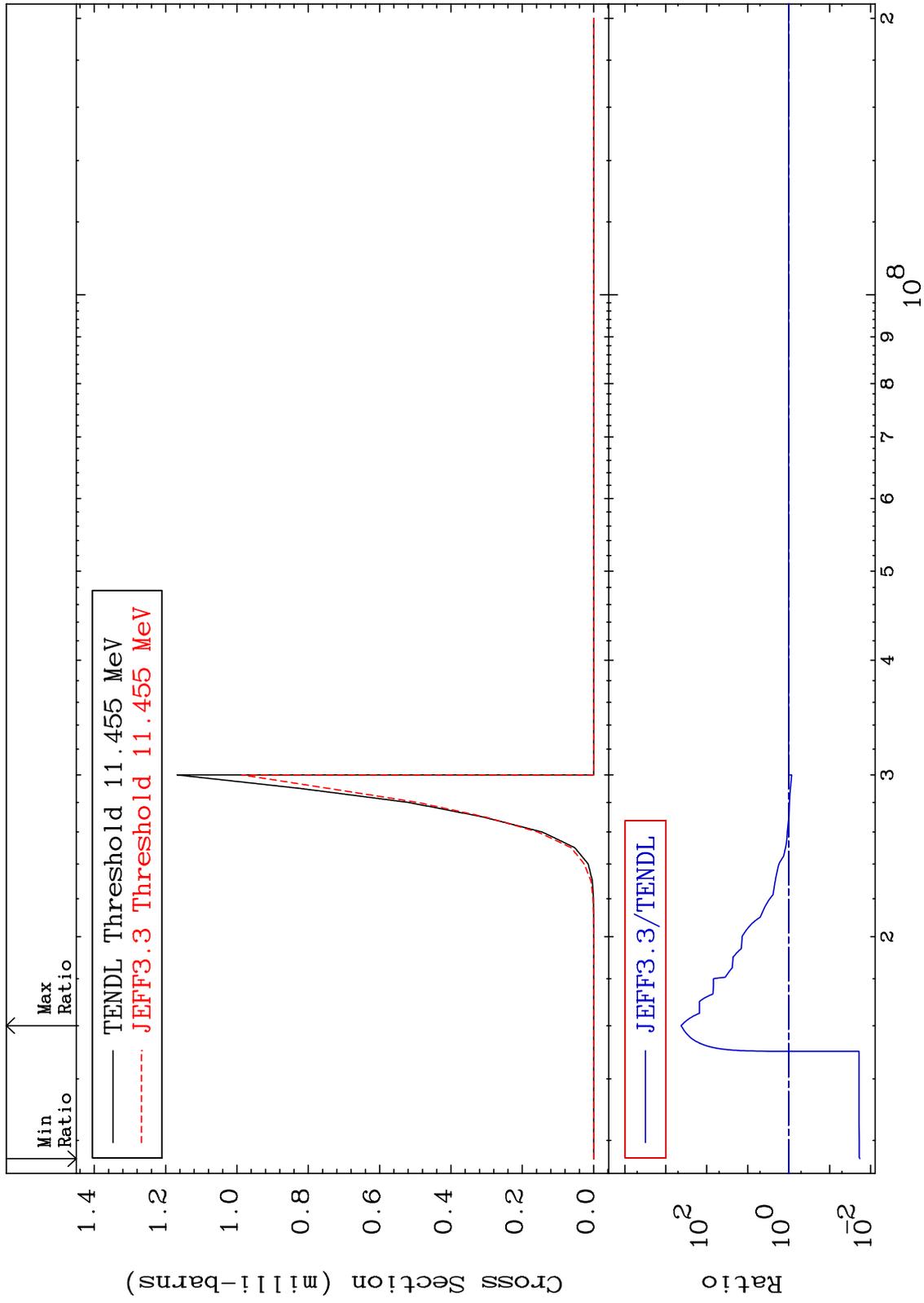
79

MAT 5243

(n,2n) α :50-Sn-121g

52-Te-126

Radionuclide Production Cross Section -98.18 To 9999. %



80

Incident Energy (eV)

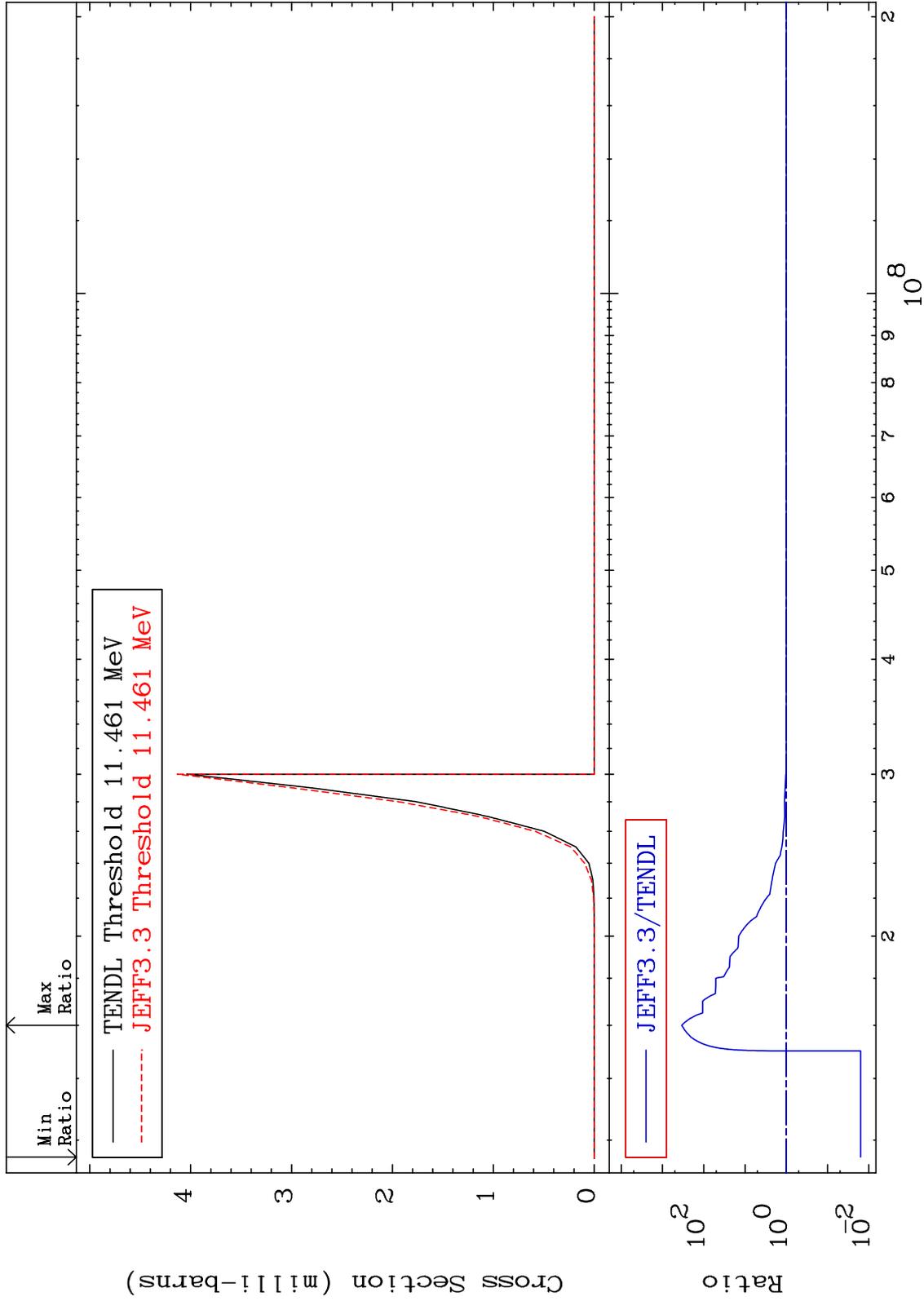
52-Te-126

MAT 5243

(n,2n) α :50-Sn-121m1

52-Te-126

Radionuclide Production Cross Section -98.42 To 9999. %

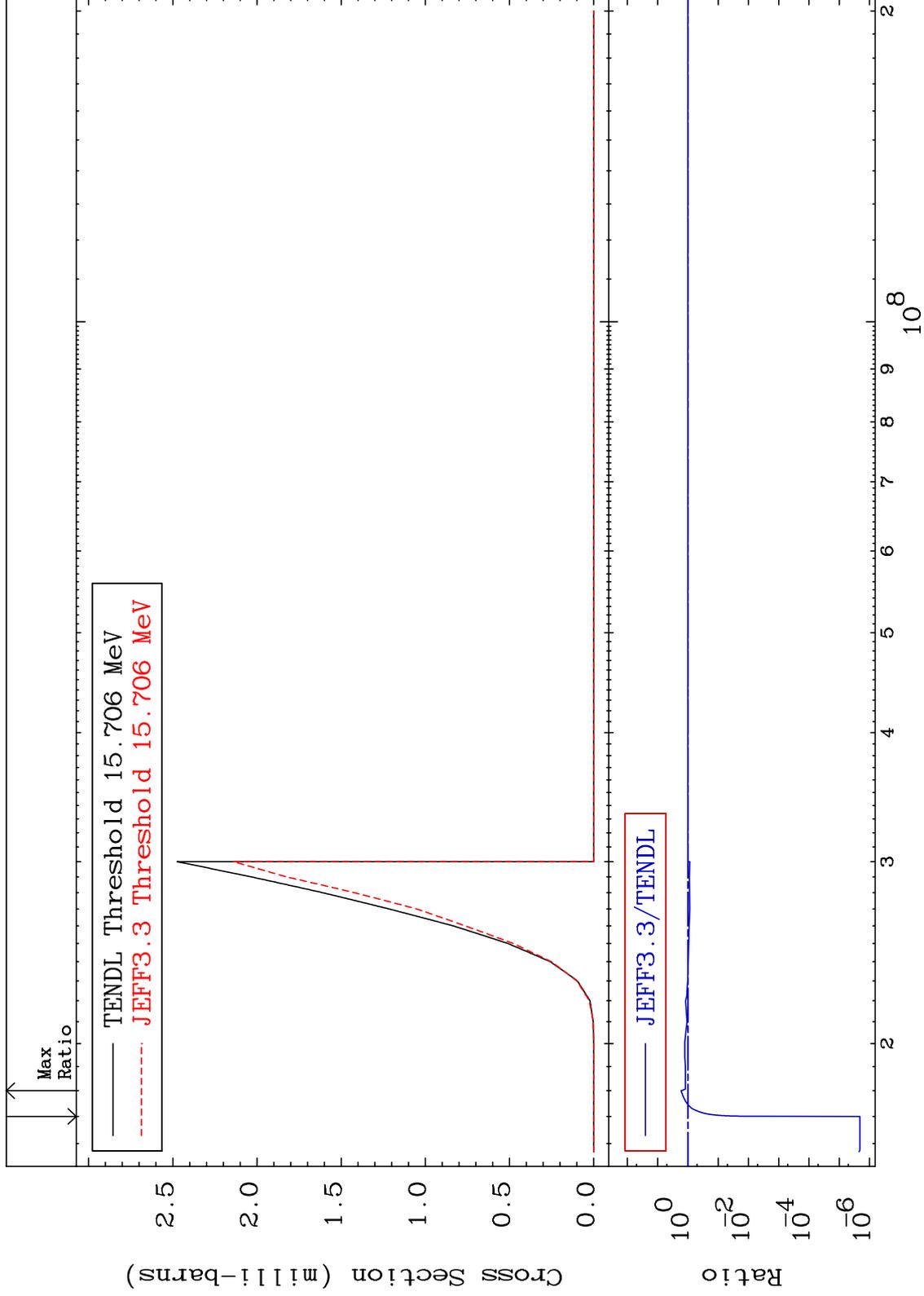


MAT 5243

(n, n') d:51-Sb-124g

52-Te-126

Radionuclide Production Cross Section -100.0 To 67.66 %

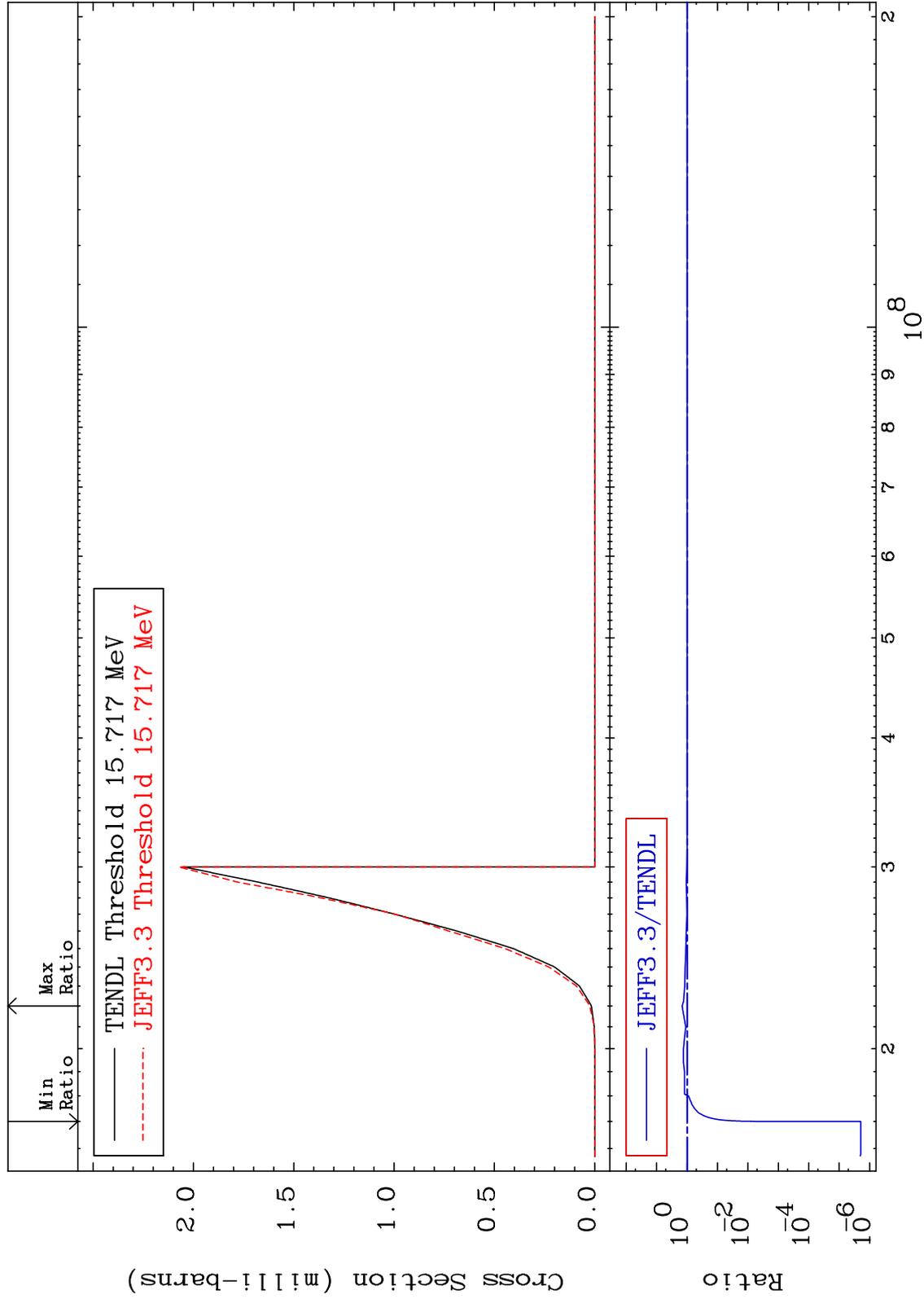


MAT 5243

(n, n') d:51-Sb-124m1

52-Te-126

Radionuclide Production Cross Section -100.0 To 44.62 %

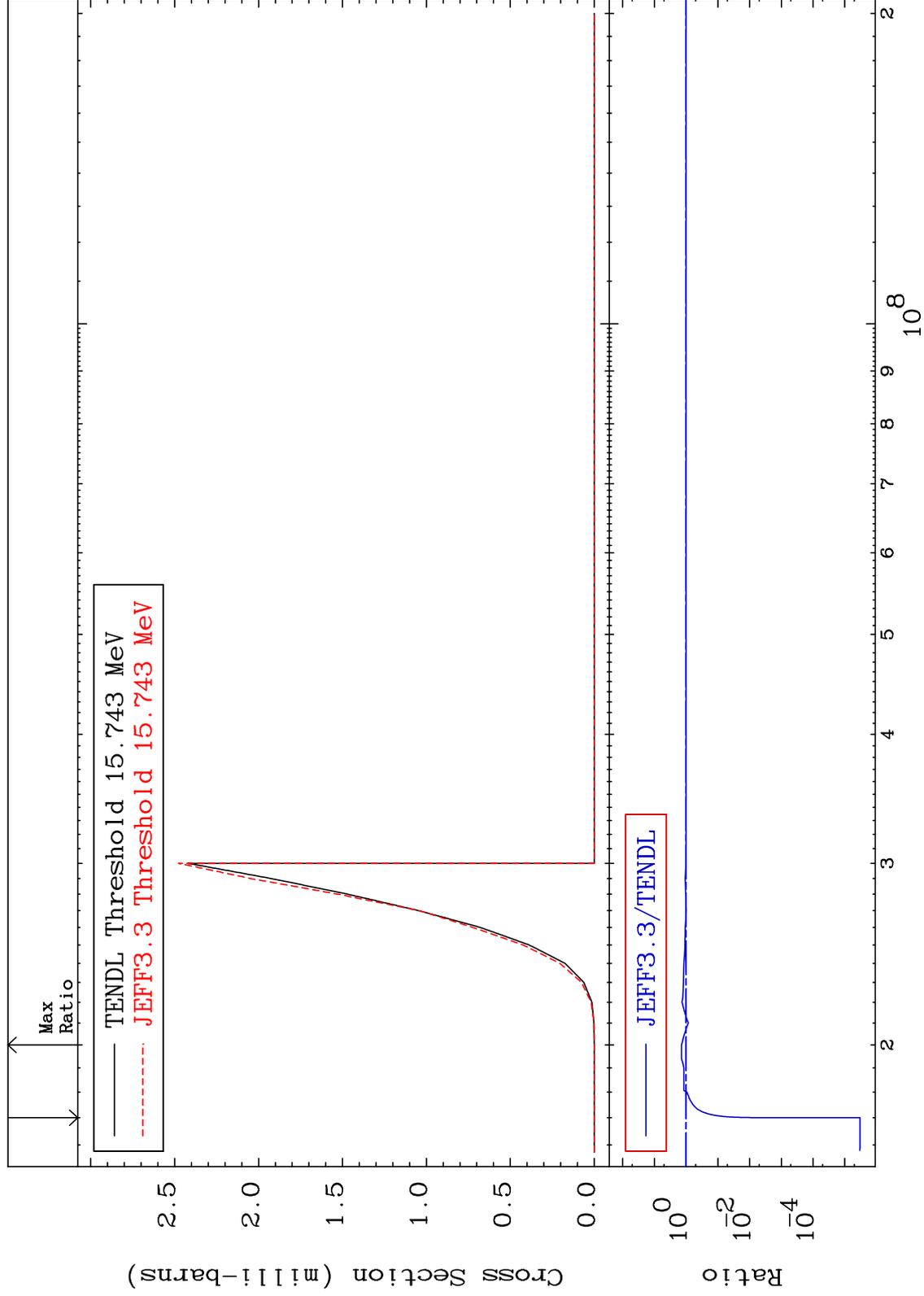


MAT 5243

(n, n') d:51-Sb-124m2

52-Te-126

Radionuclide Production Cross Section -100.0 To 39.37 %

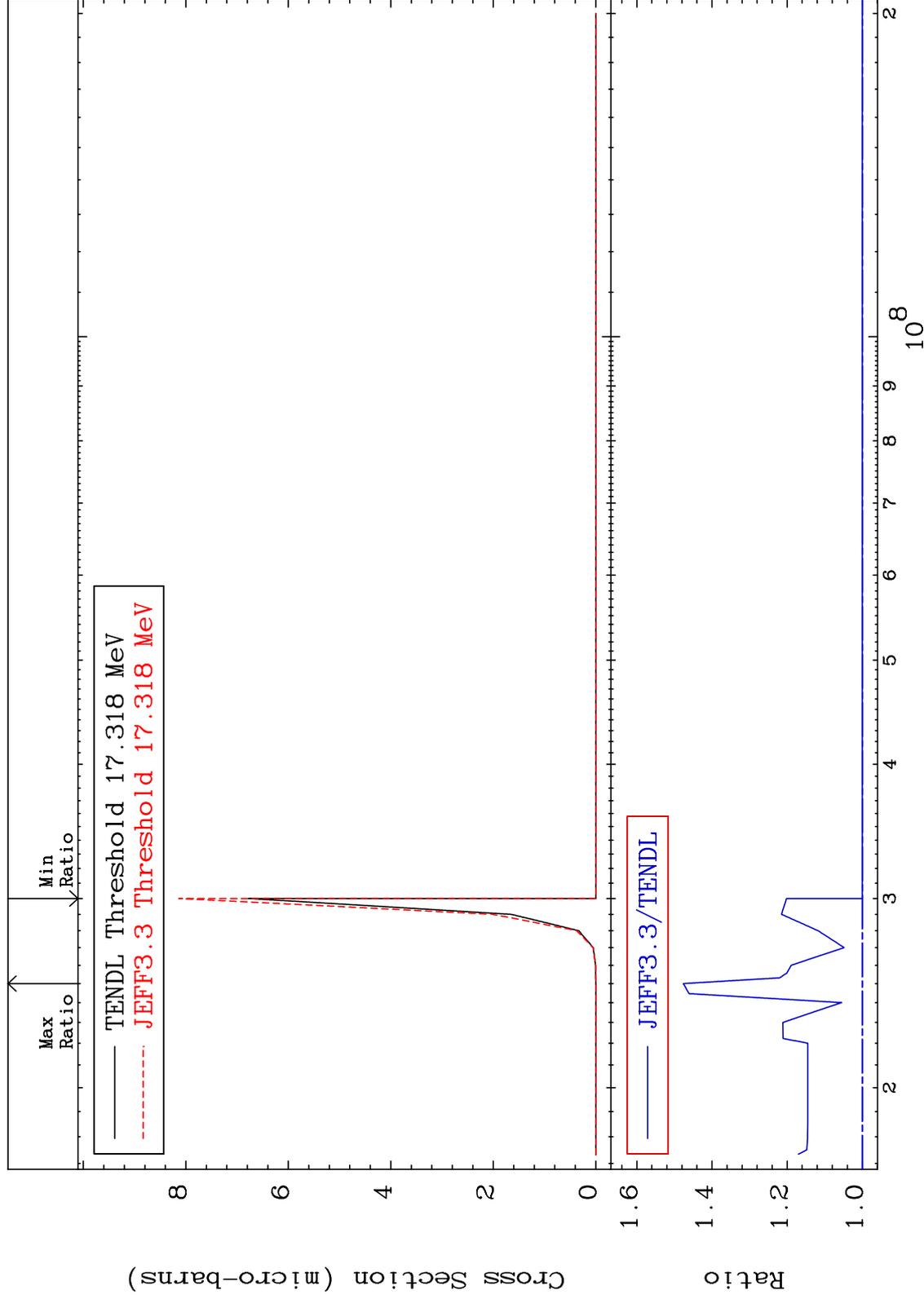


MAT 5243

(n, n') He-3:50-Sn-123g

52-Te-126

Radionuclide Production Cross Section 0.000 To 47.61 %



85

Incident Energy (eV)

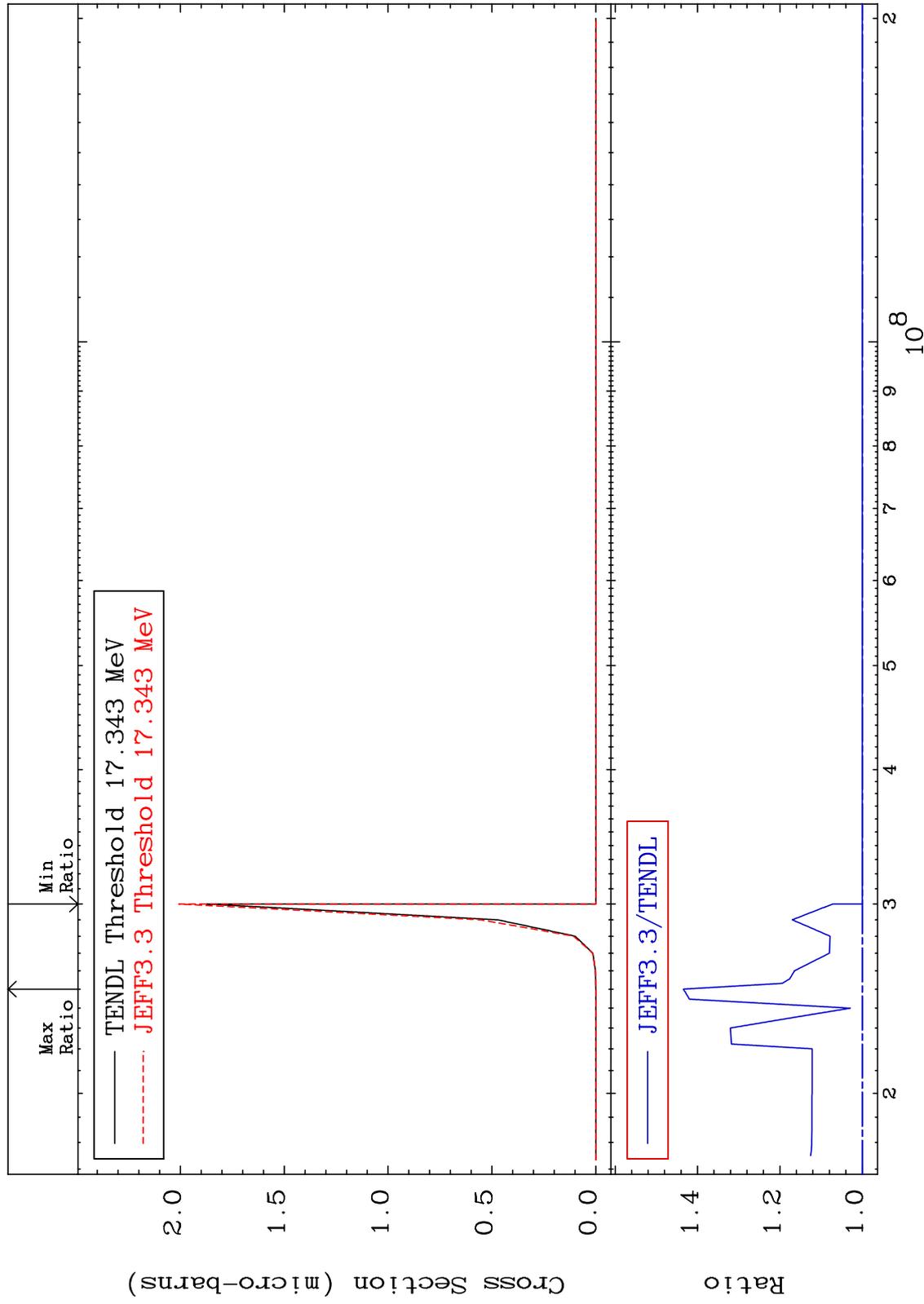
52-Te-126

MAT 5243

(n, n') He-3:50-Sn-123m1

52-Te-126

Radionuclide Production Cross Section 0.000 To 43.44 %

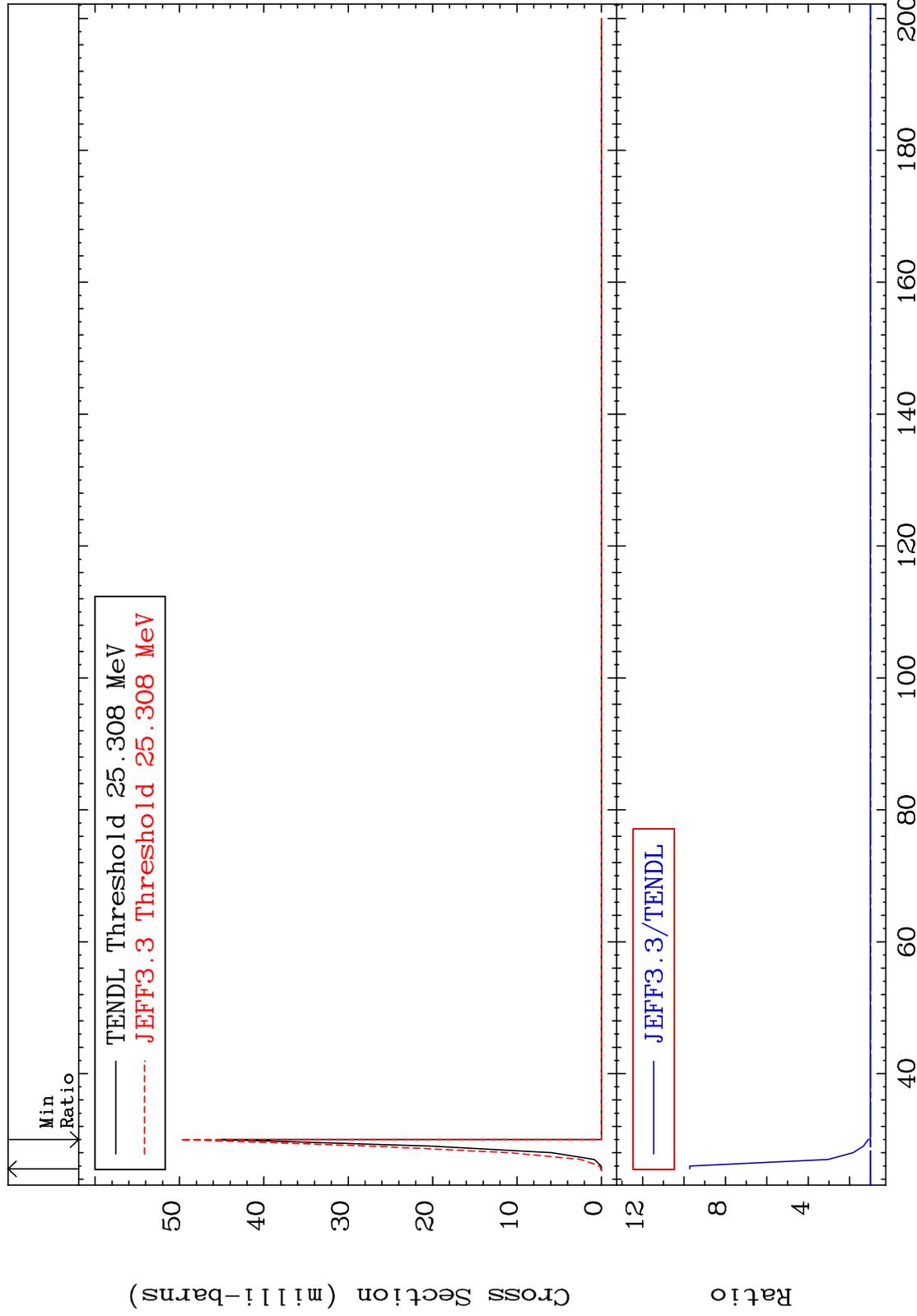


MAT 5243

(n,4n):52-Te-126

52-Te-126

Radionuclide Production Cross Section 0.000 To 872.3 %

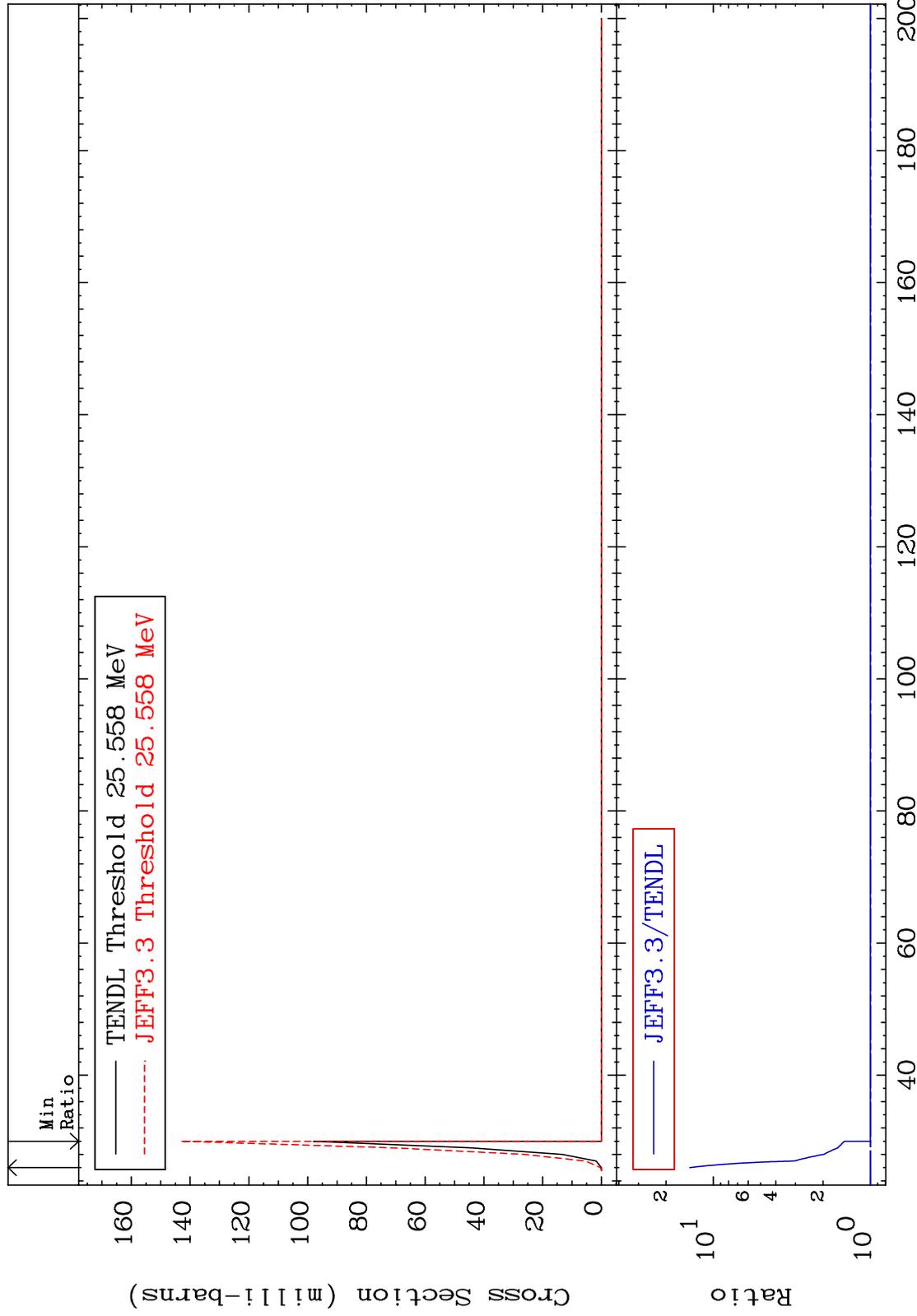


MAT 5243

(n, 4n): 52-Te-123m2

52-Te-126

Radionuclide Production Cross Section 0.000 To 1313. %

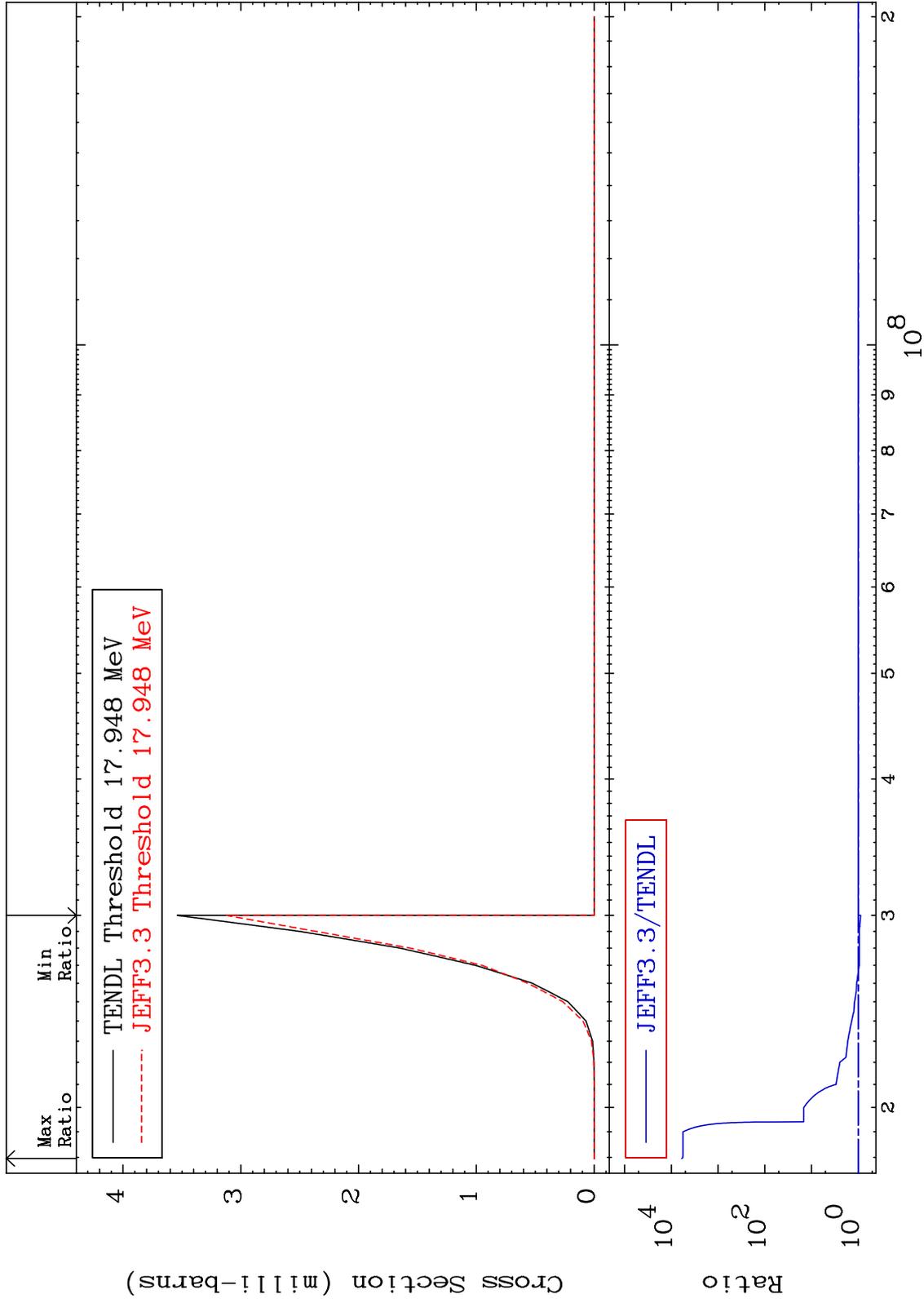


MAT 5243

(n,2n) p:51-Sb-124g

52-Te-126

Radionuclide Production Cross Section -11.80 To 9999. %

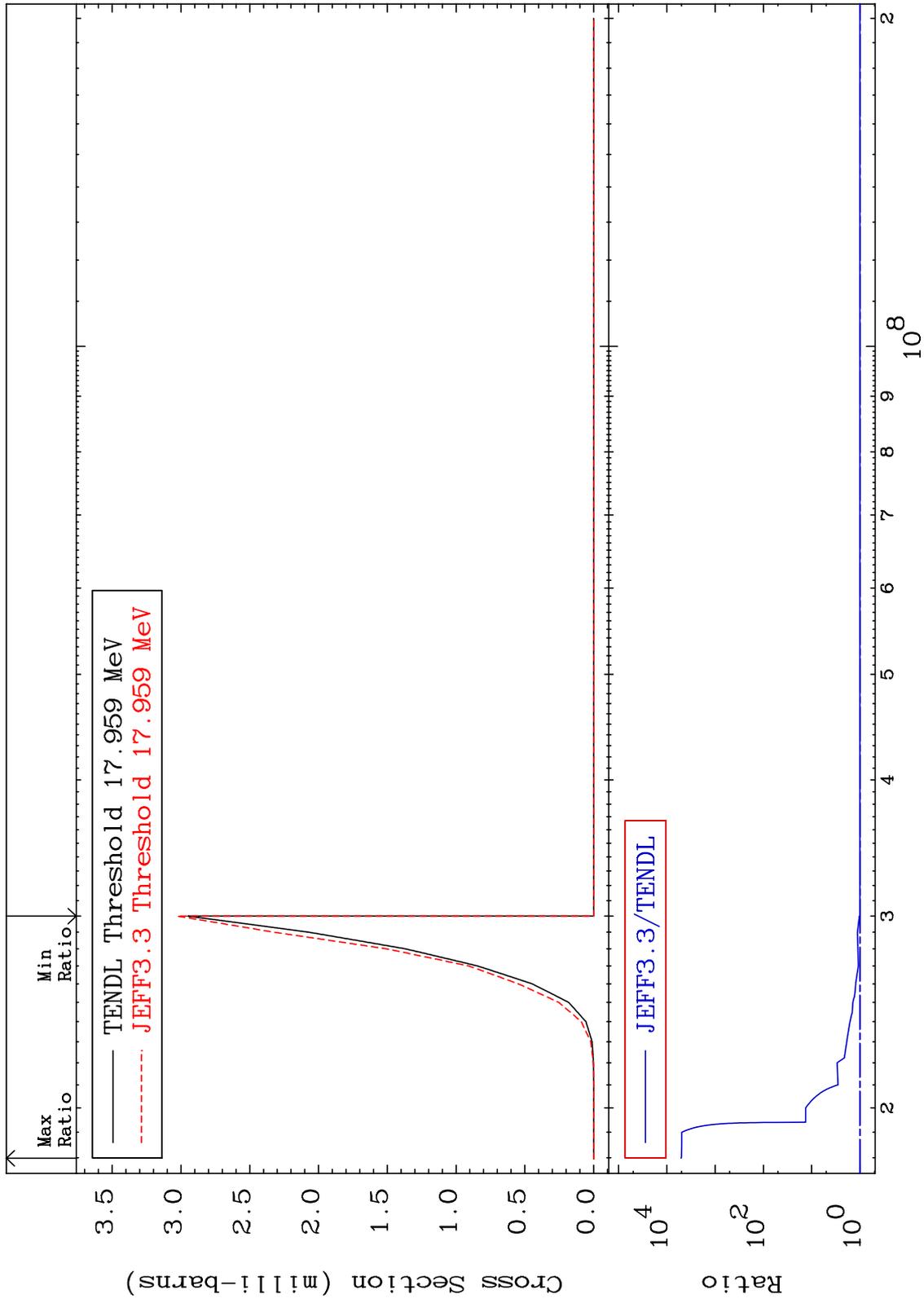


MAT 5243

(n,2n) p:51-Sb-124m1

52-Te-126

Radionuclide Production Cross Section 0.000 To 9999. %

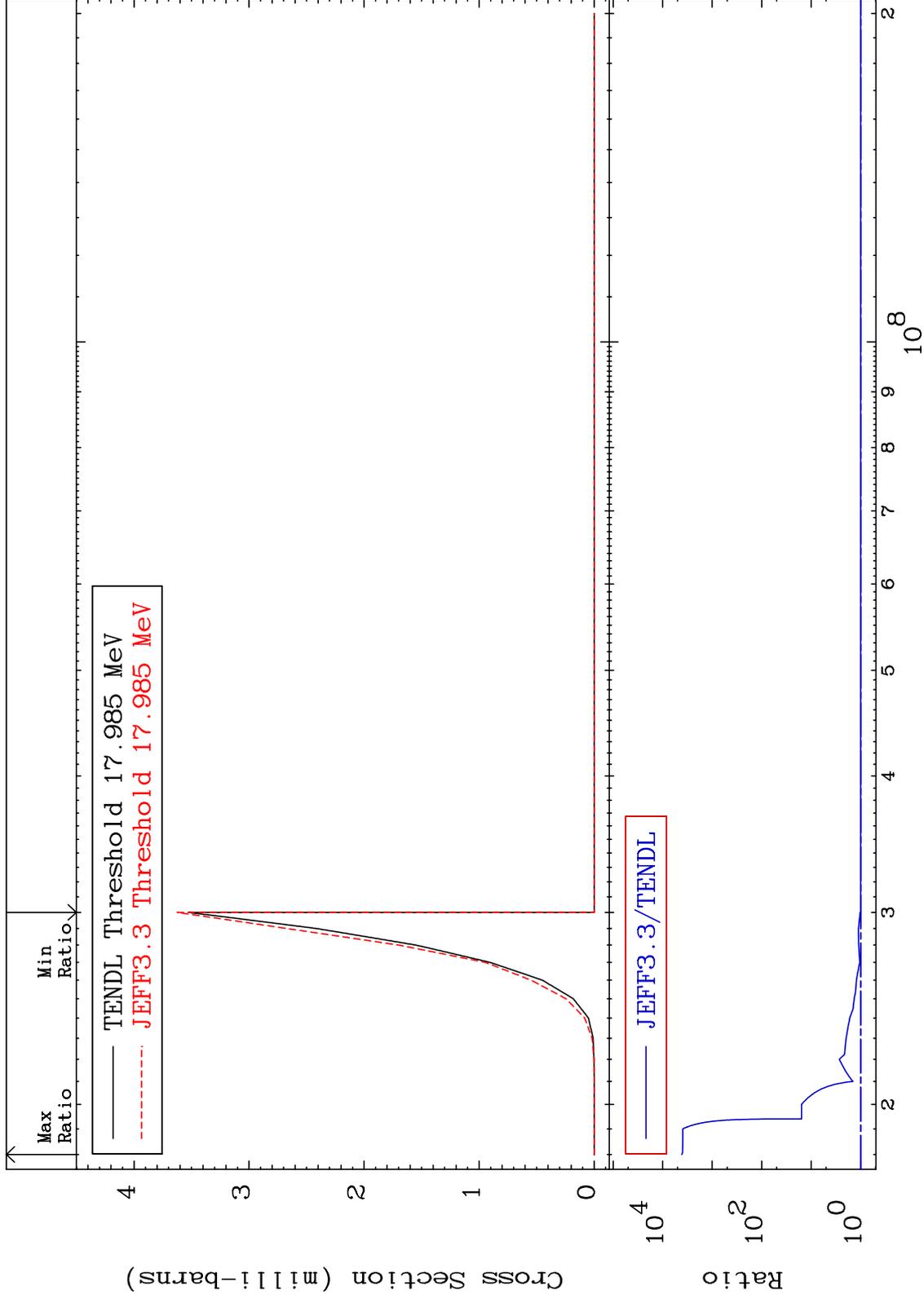


MAT 5243

(n,2n) p:51-Sb-124m2

52-Te-126

Radionuclide Production Cross Section 0.000 To 9999. %

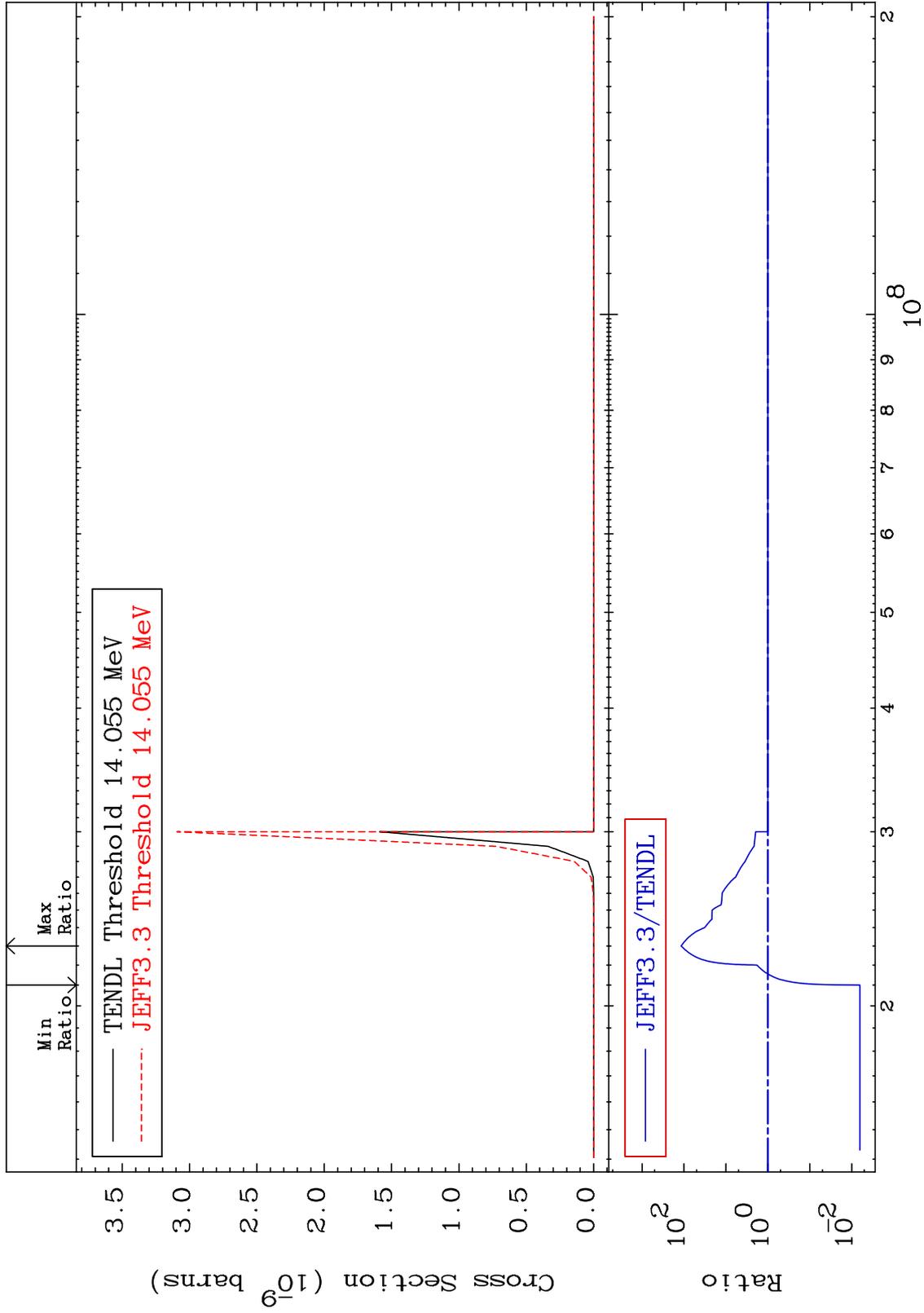


MAT 5243

(n, n') p α : 49-In-121g

52-Te-126

Radionuclide Production Cross Section -99.36 To 9999. %

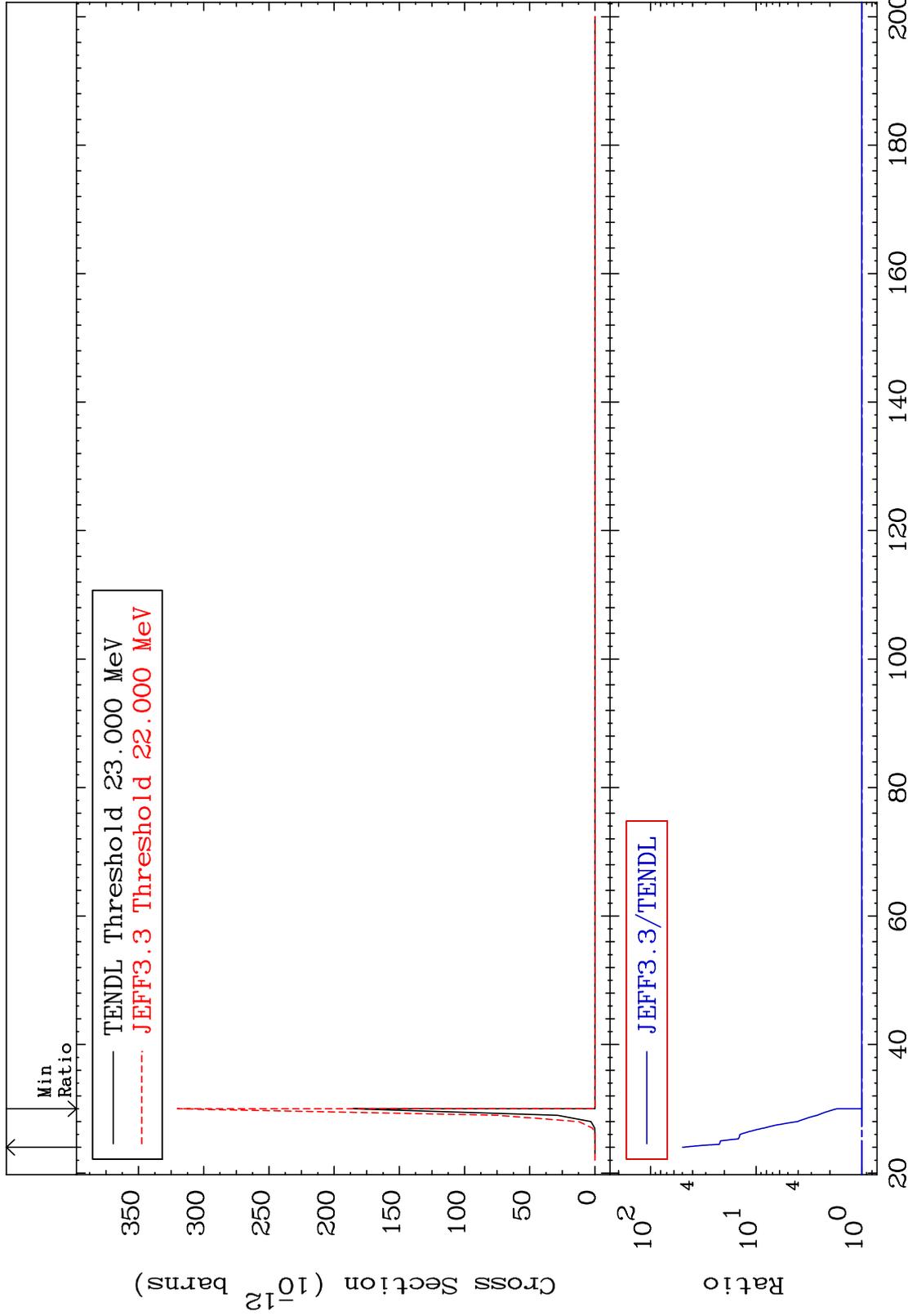


MAT 5243

(n, n') p α : 49-In-121m1

52-Te-126

Radionuclide Production Cross Section 0.000 To 4864. %

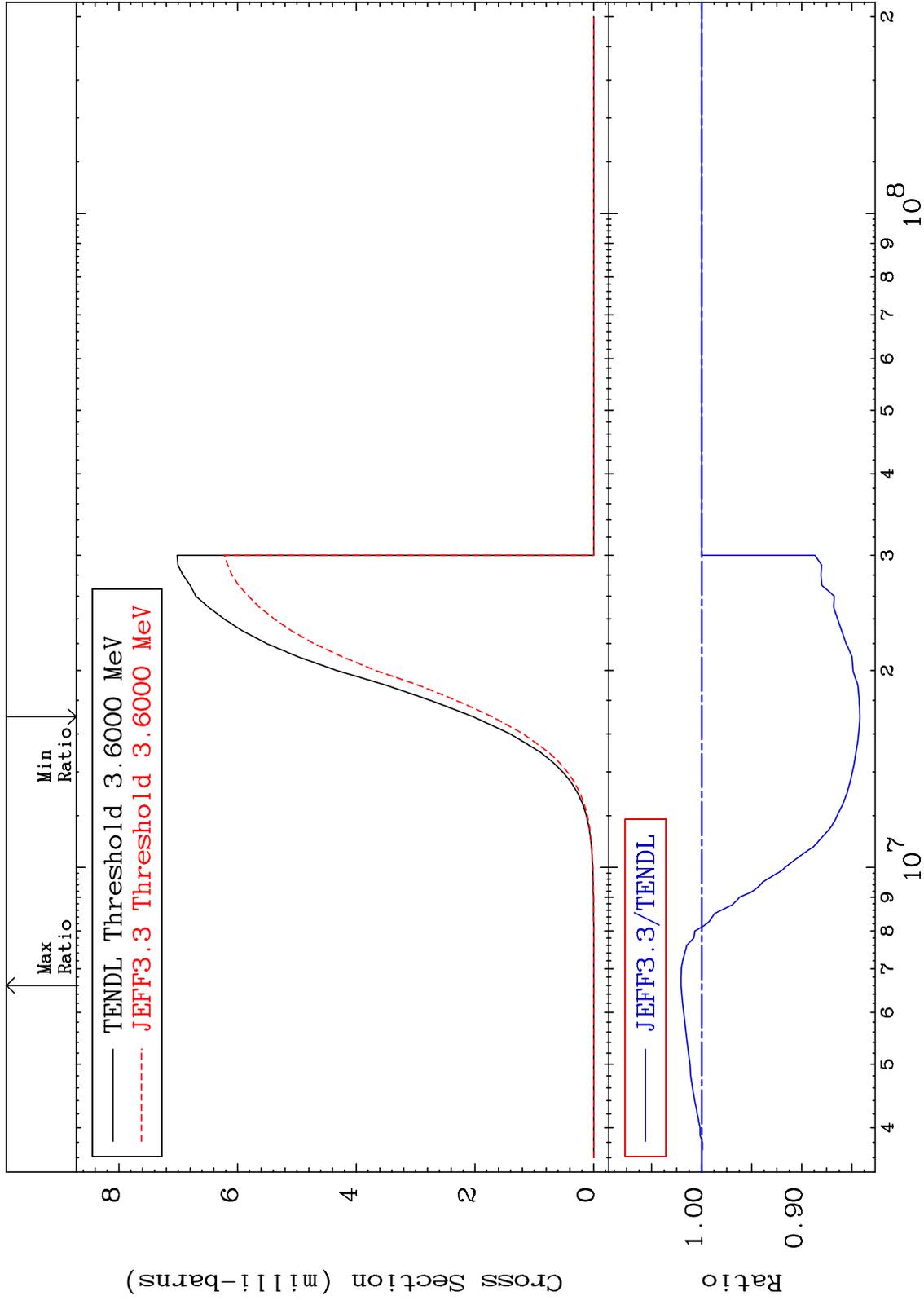


MAT 5243

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

52-Te-126

Radionuclide Production Cross Section -15.82 To 2.053 %

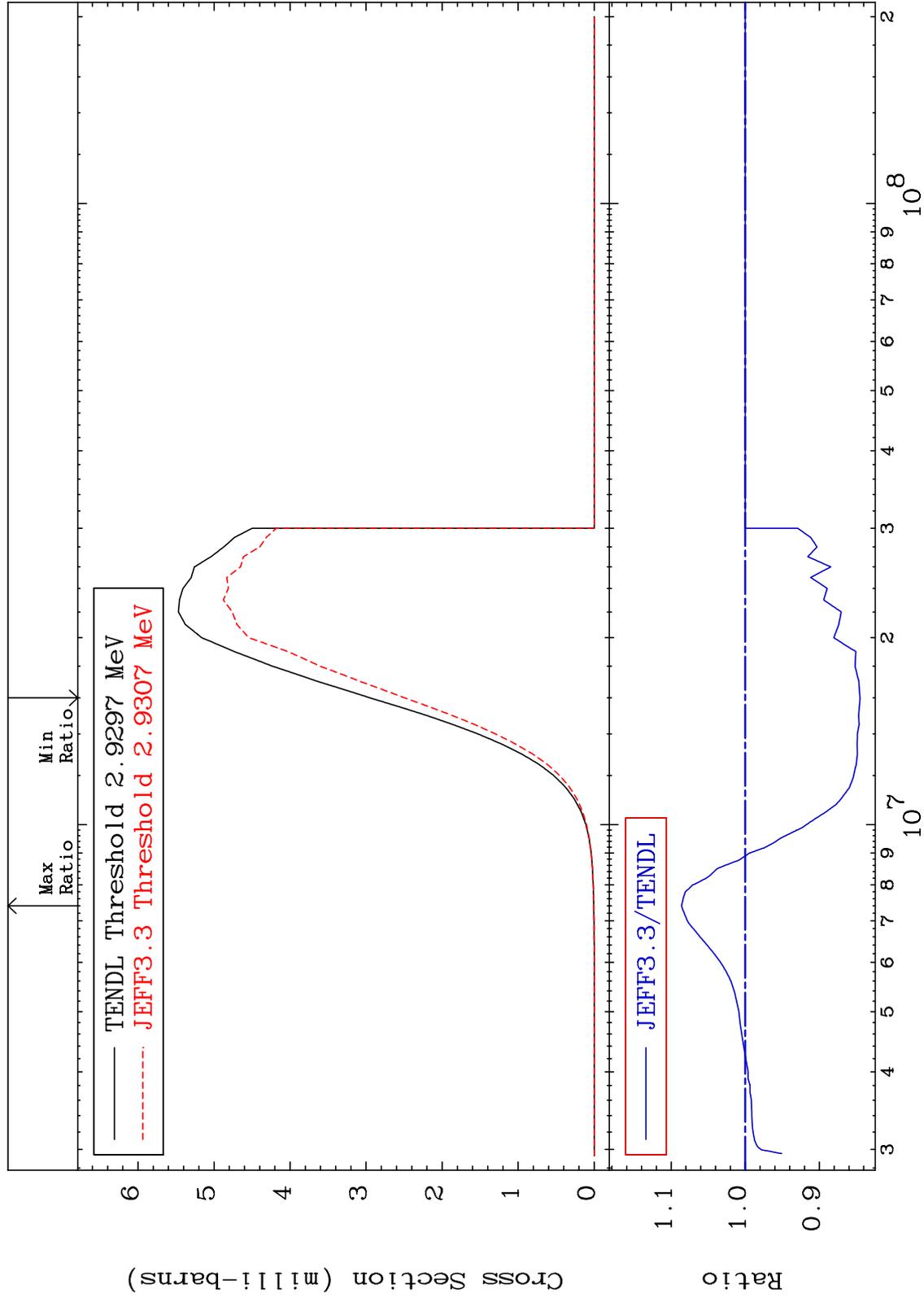


MAT 5243

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

52-Te-126

Radionuclide Production Cross Section -15.49 To 8.593 %

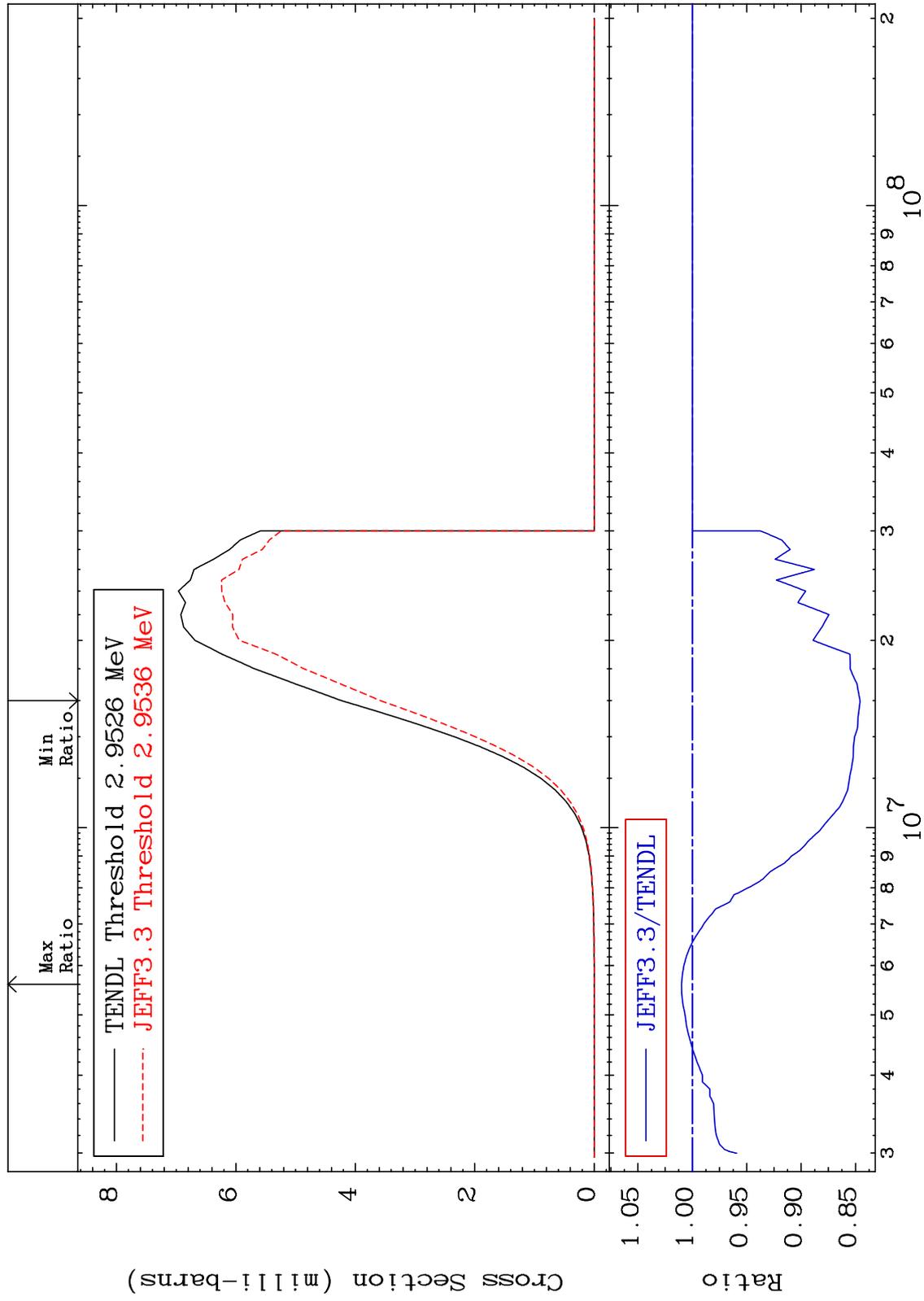


MAT 5243

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

52-Te-126

Radionuclide Production Cross Section -15.41 To 0.989 %

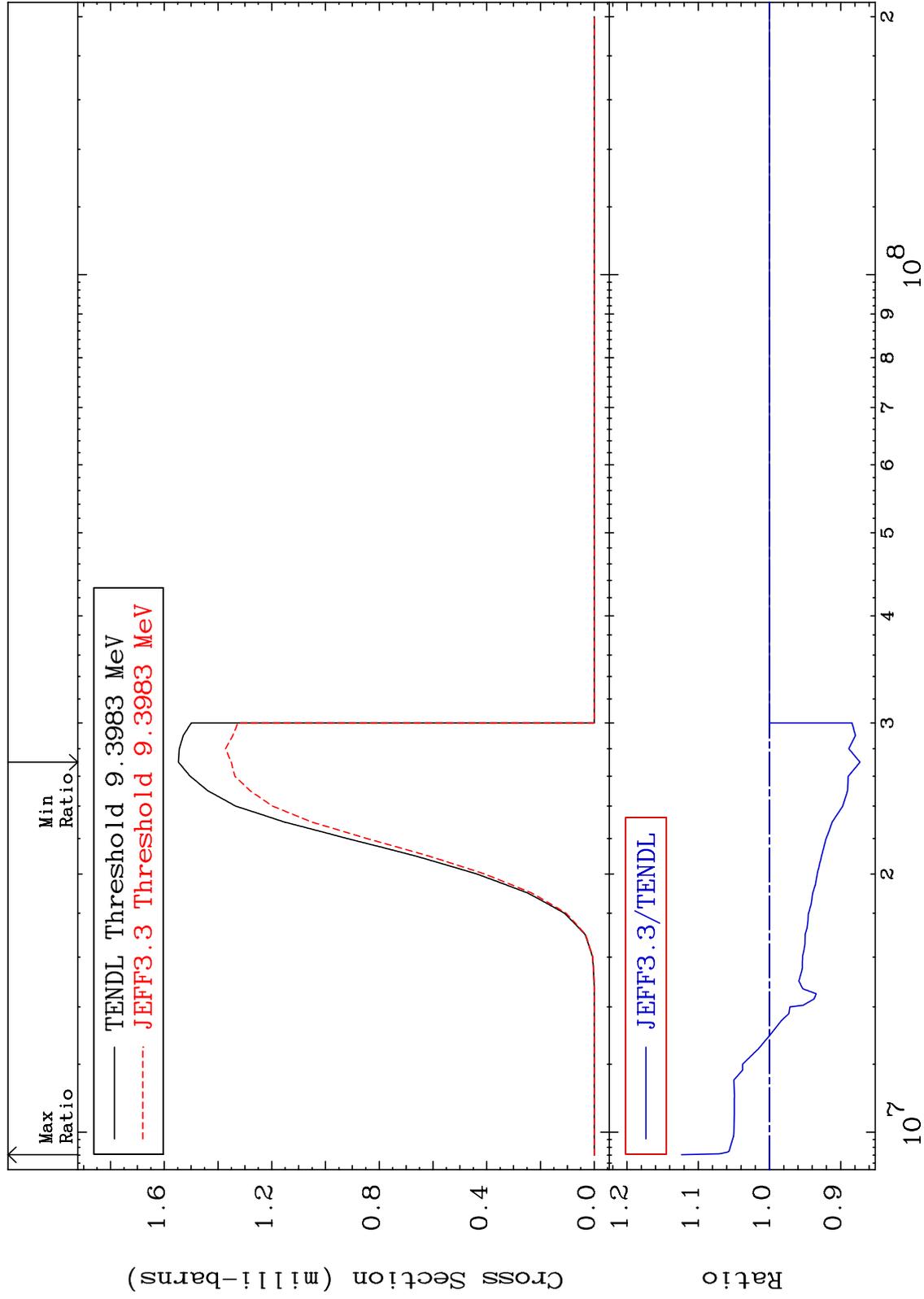


MAT 5243

(n, t):51-Sb-124g

52-Te-126

Radionuclide Production Cross Section -12.71 To 12.34 %



97

Incident Energy (eV)

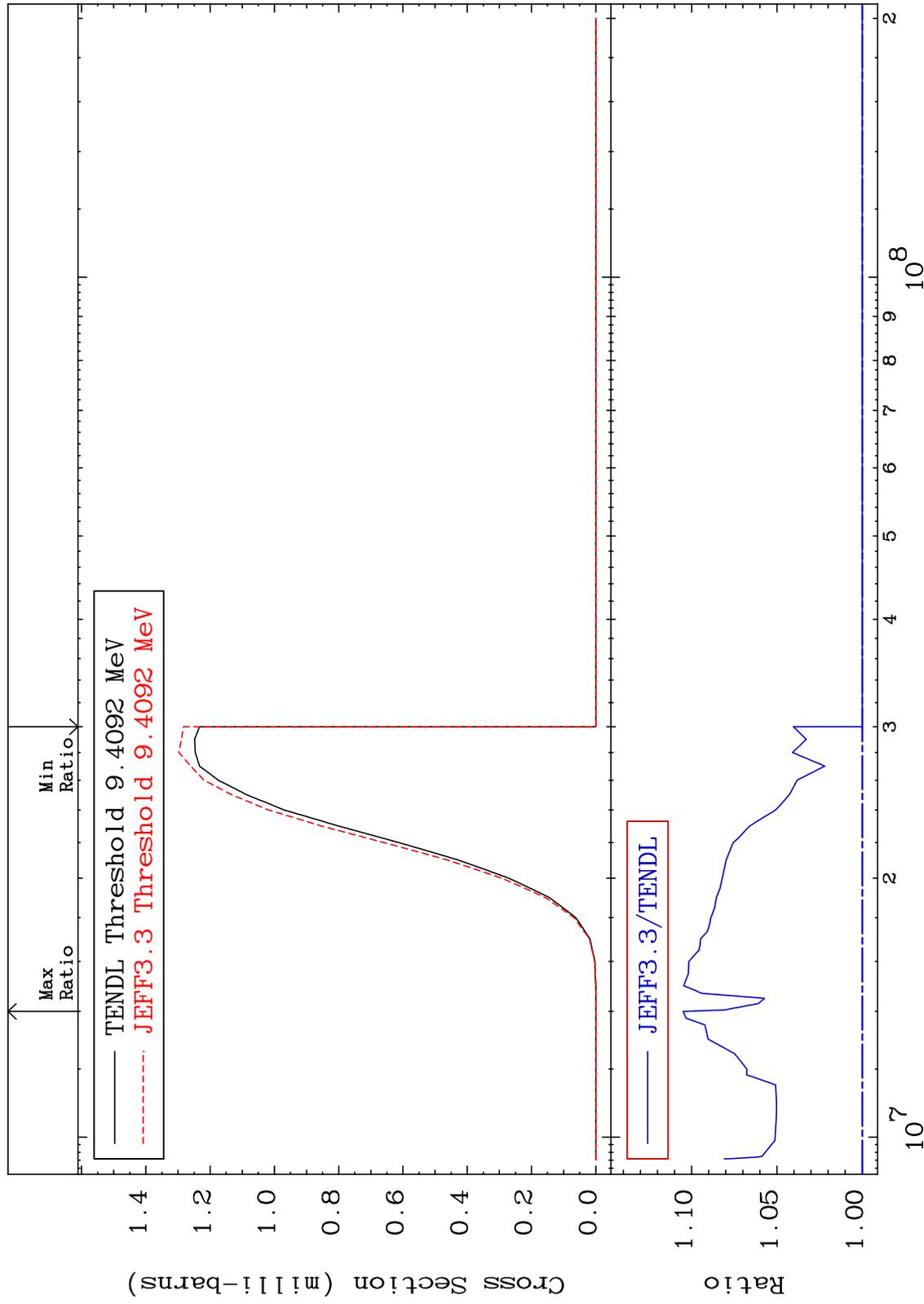
52-Te-126

MAT 5243

(n, t):51-Sb-124m1

52-Te-126

Radionuclide Production Cross Section 0.000 To 10.48 %



52-Te-126

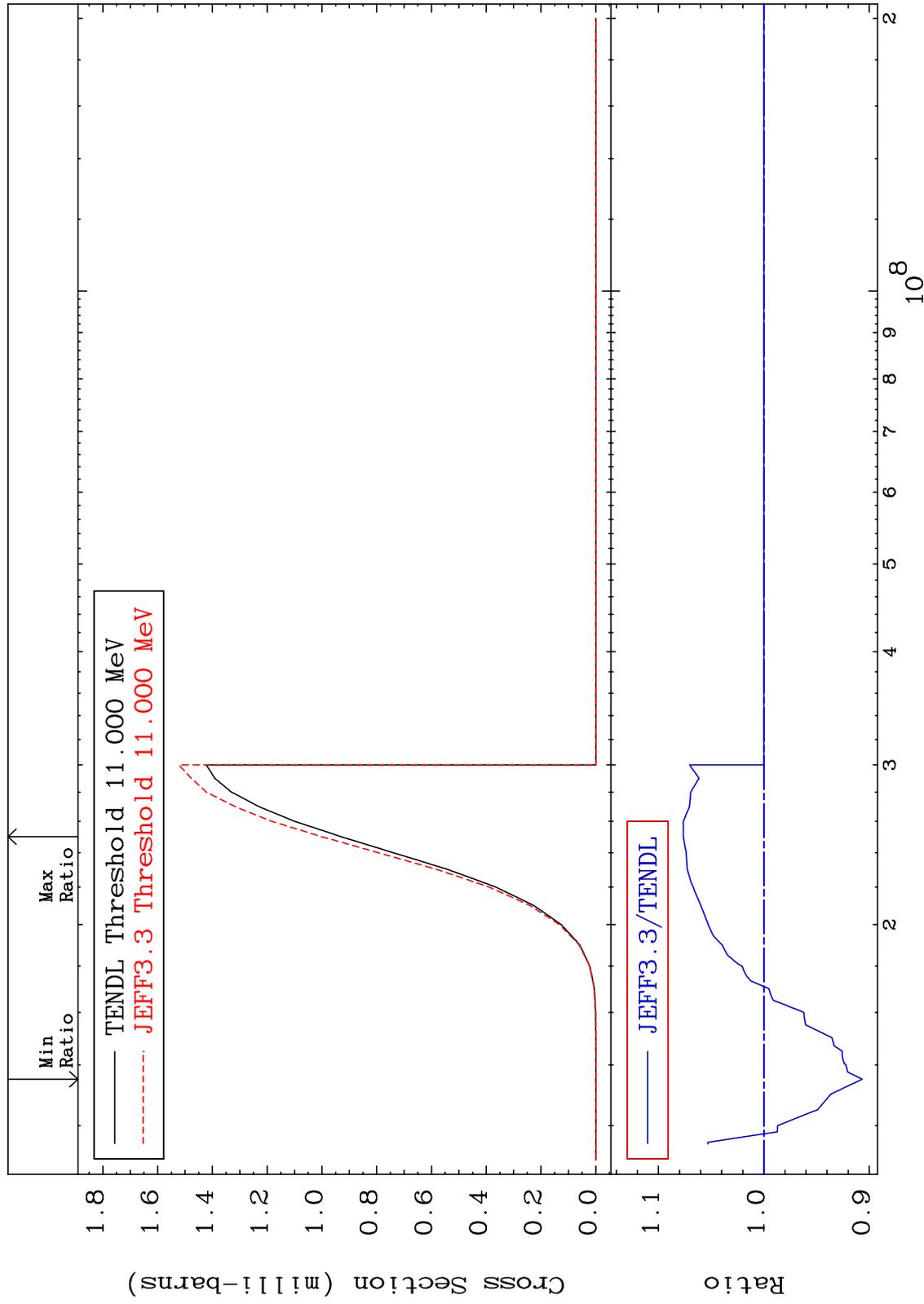
98

MAT 5243

(n, t):51-Sb-124m2

52-Te-126

Radionuclide Production Cross Section -9.339 To 7.635 %

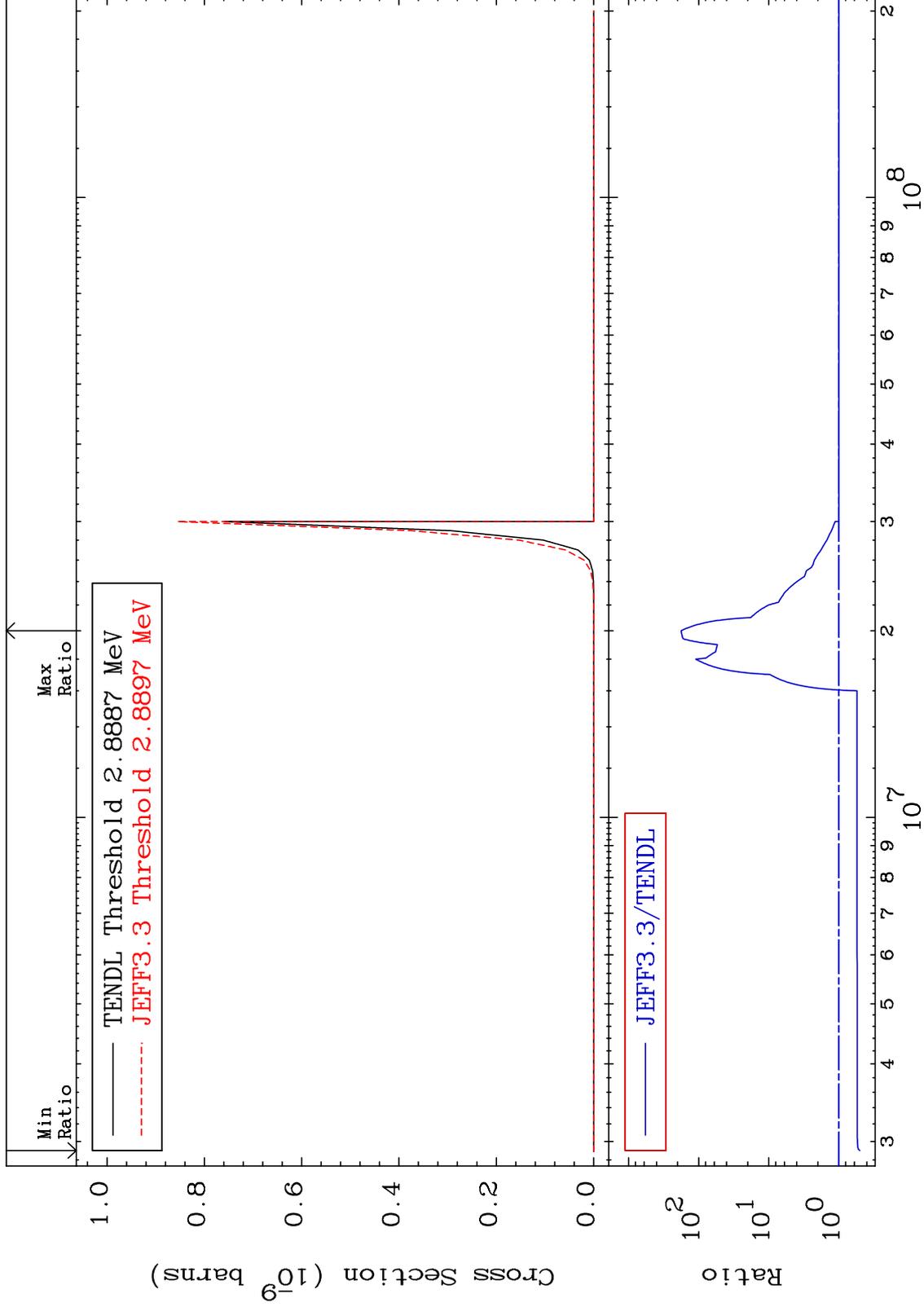


MAT 5243

(n,2α):48-Cd-119g

52-Te-126

Radionuclide Production Cross Section -49.79 To 9999. %



100

Incident Energy (eV)

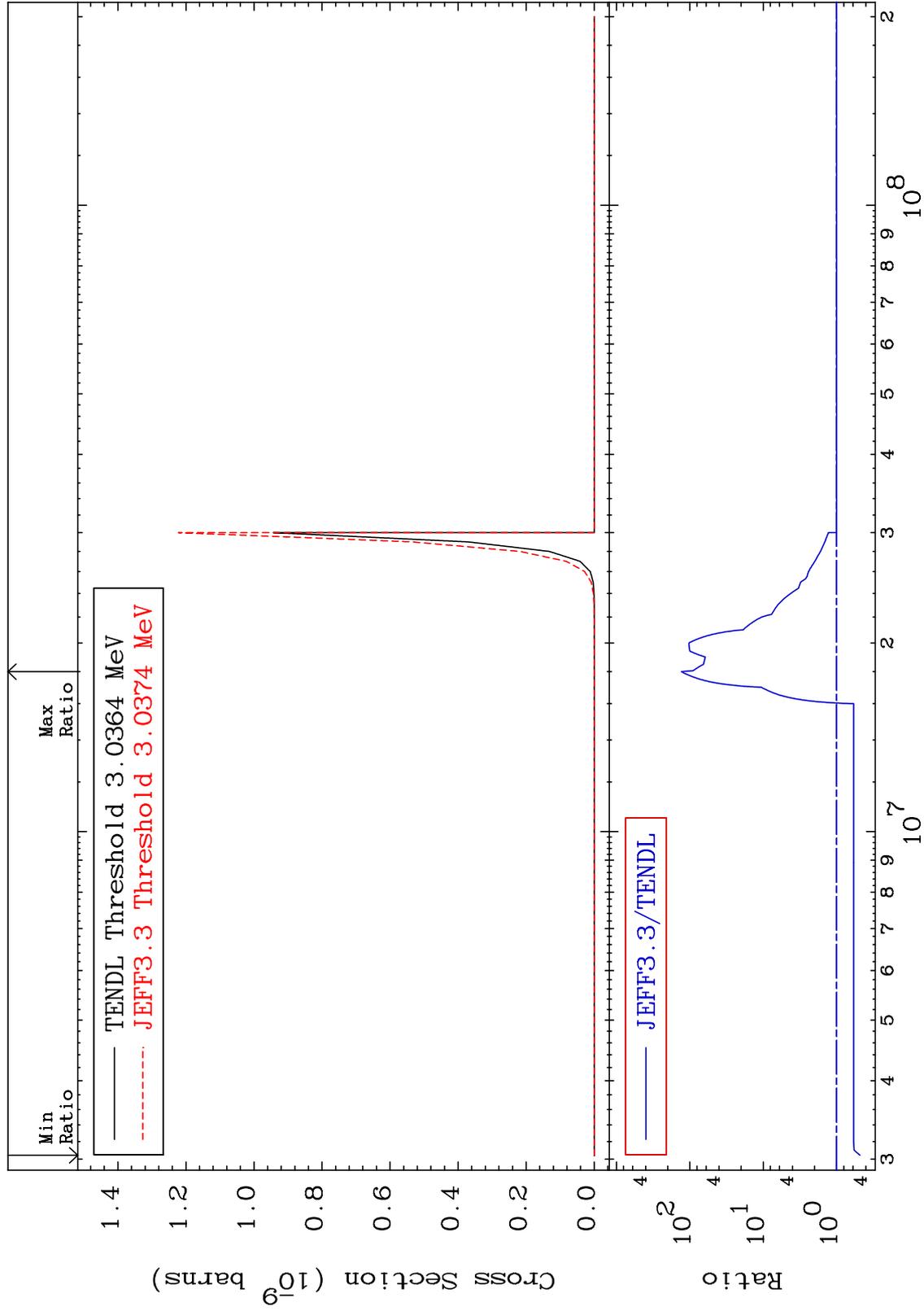
52-Te-126

MAT 5243

(n, 2α) : 48-Cd-119m2

52-Te-126

Radionuclide Production Cross Section -51.96 To 9999. %

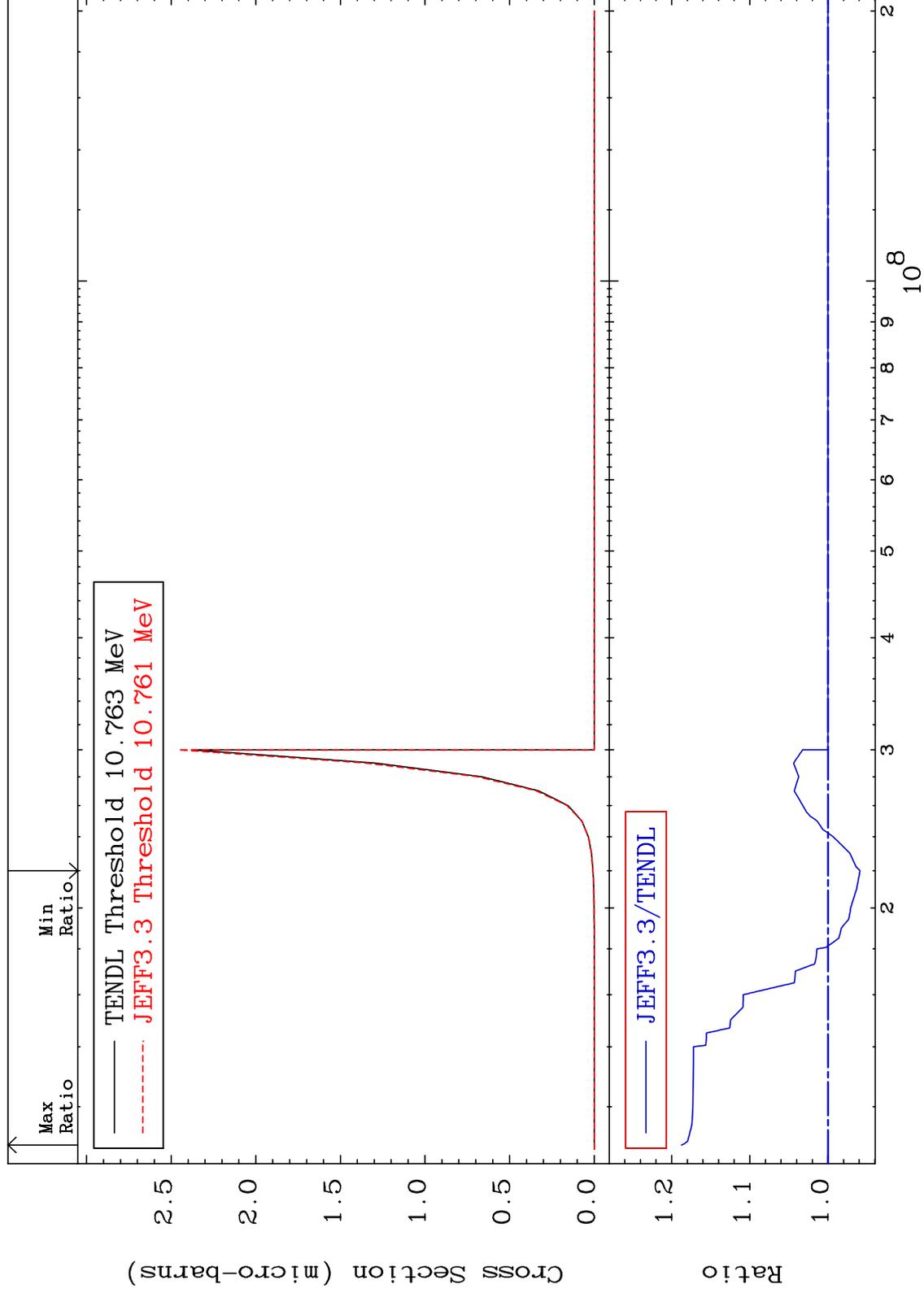


MAT 5243

(n,2p):50-Sn-125g

52-Te-126

Radionuclide Production Cross Section -4.106 To 18.74 %

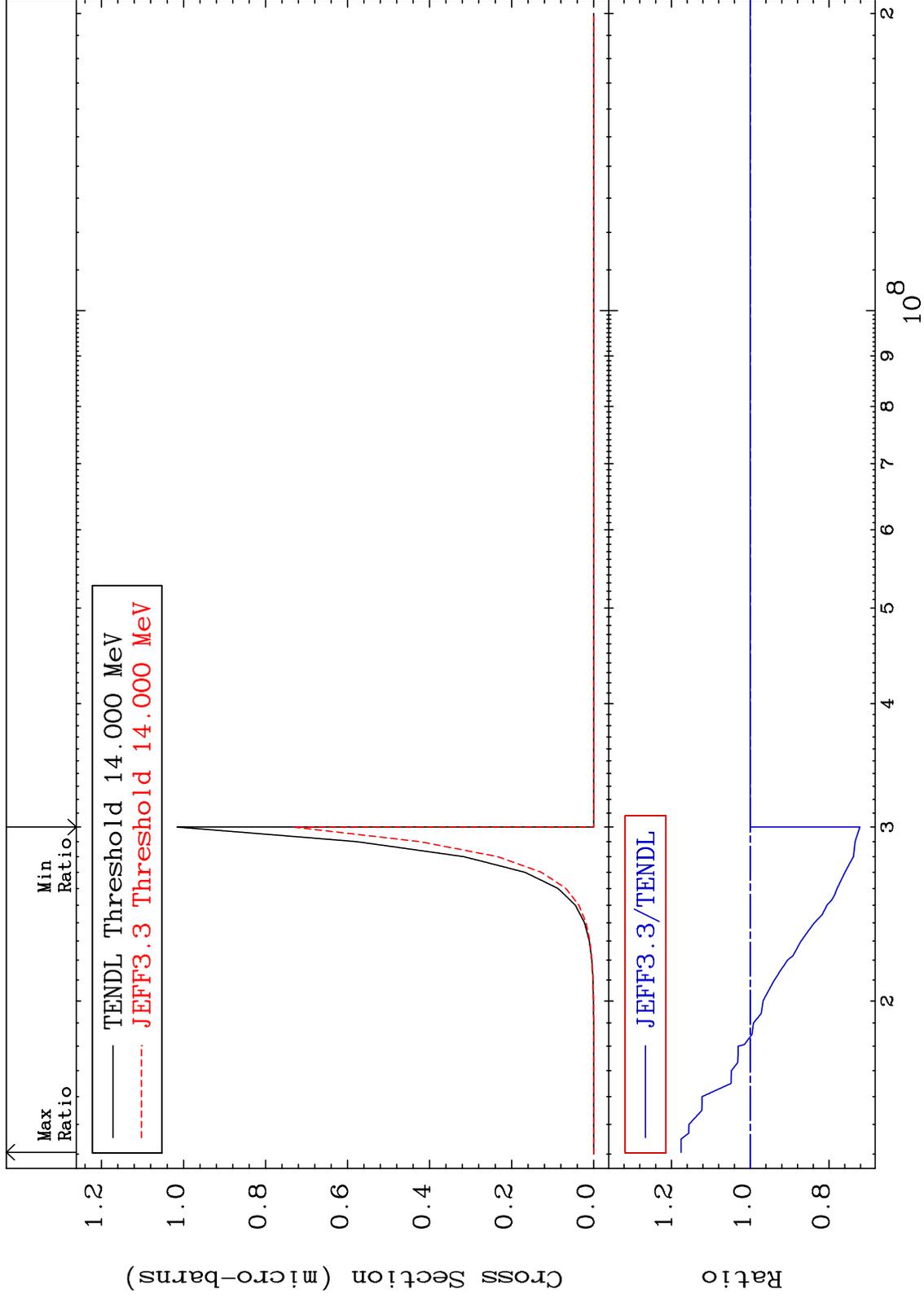


MAT 5243

(n,2p):50-Sn-125m1

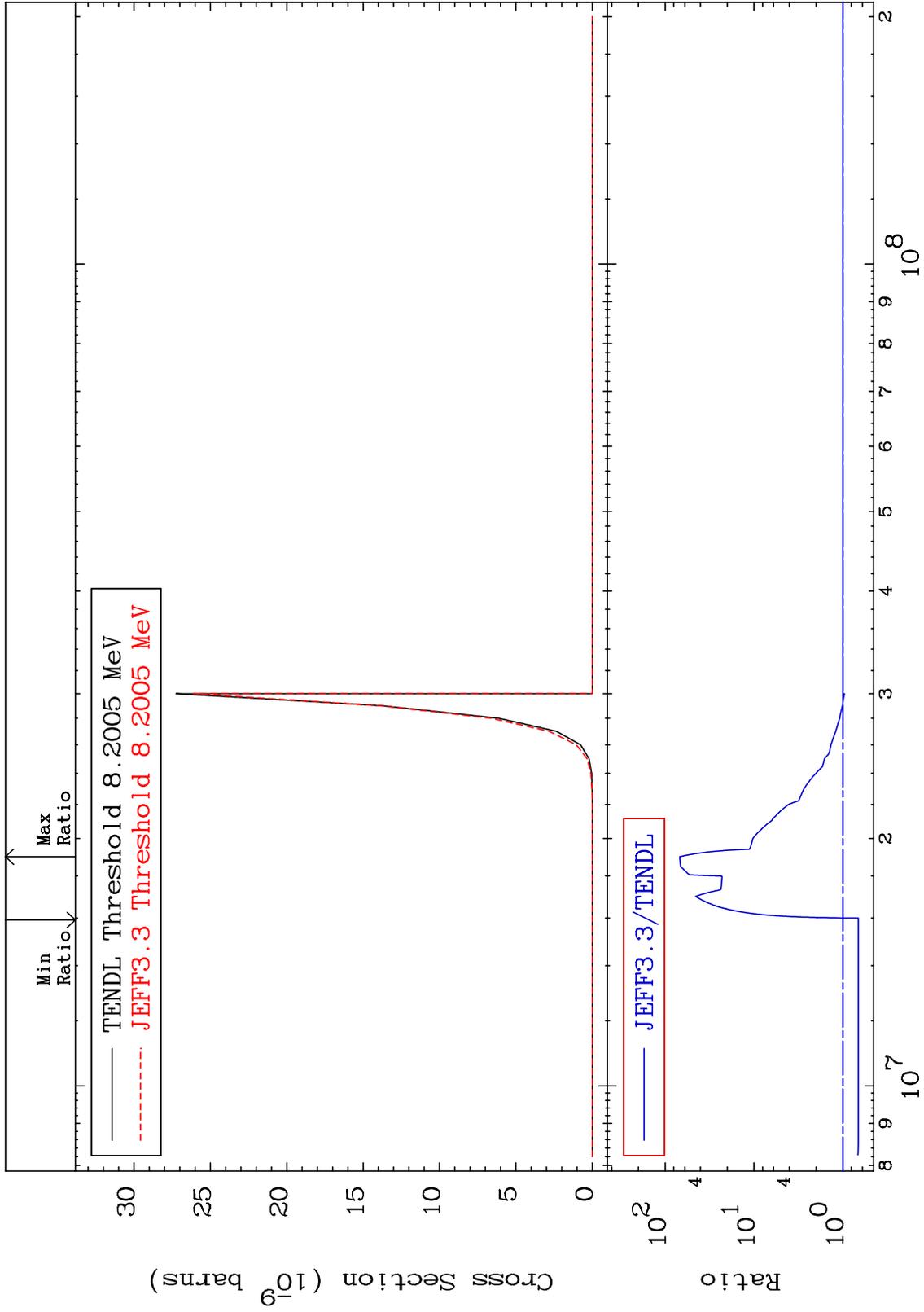
52-Te-126

Radionuclide Production Cross Section -27.84 To 17.53 %



MAT 5243

(n, p) α : 49-In-122g 52-Te-126
Radionuclide Production Cross Section -33.21 To 6751. %



104

Incident Energy (eV)

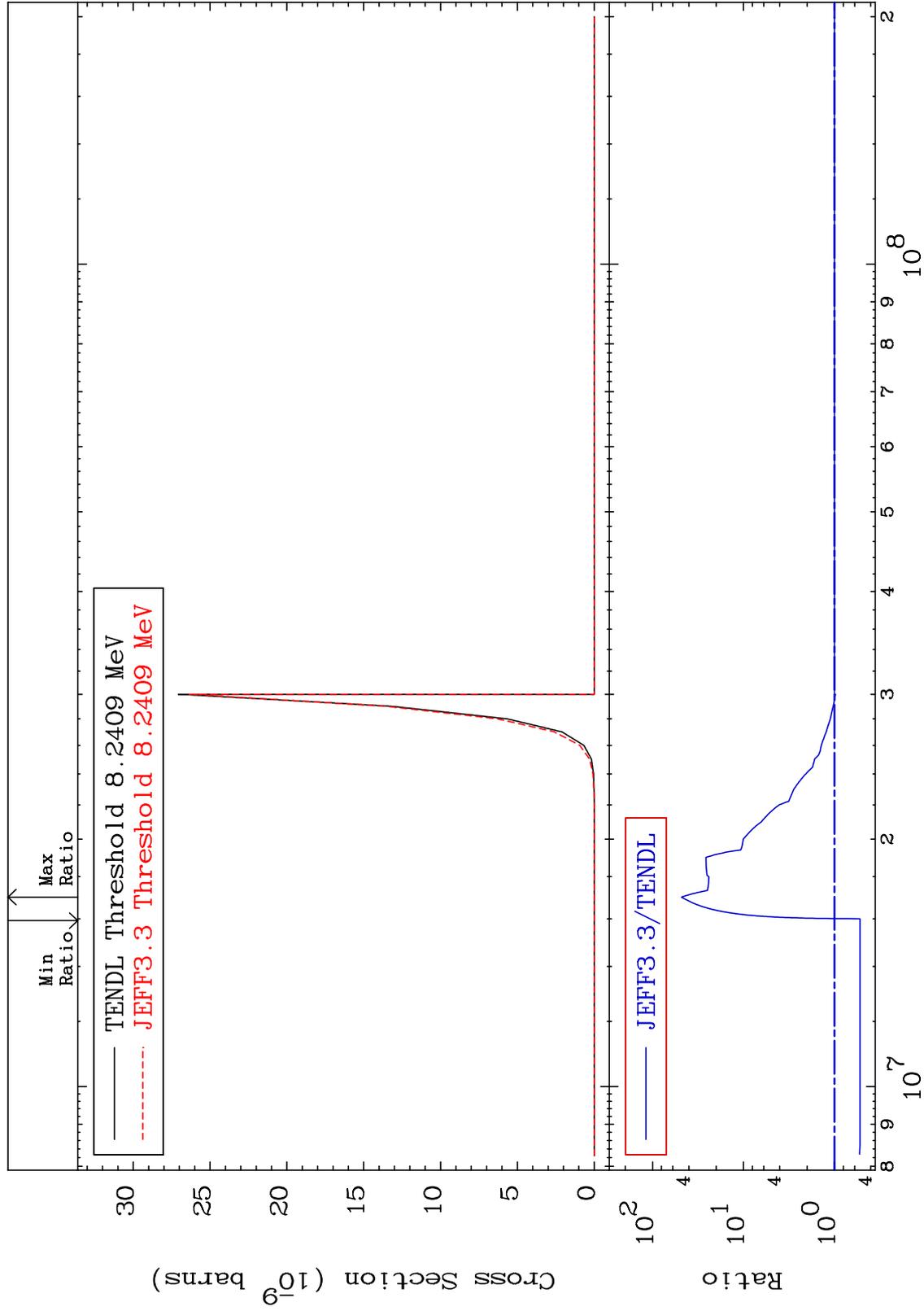
52-Te-126

MAT 5243

(n, p) α :49-In-122m1

52-Te-126

Radionuclide Production Cross Section -47.63 To 4707. %



105

Incident Energy (eV)

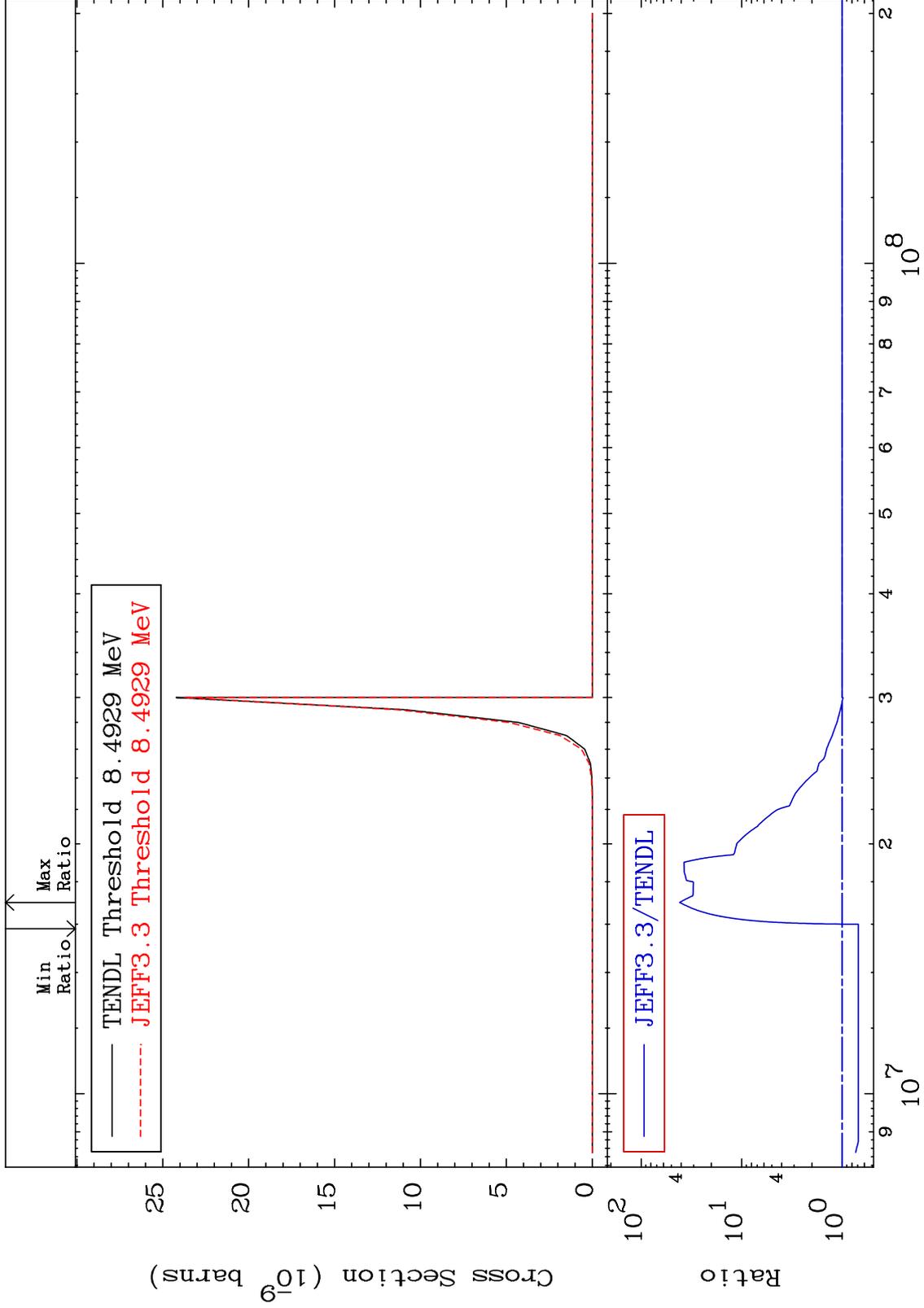
52-Te-126

MAT 5243

(n, p) α :49-In-122m5

52-Te-126

Radionuclide Production Cross Section -31.02 To 4034. %



106

Incident Energy (eV)

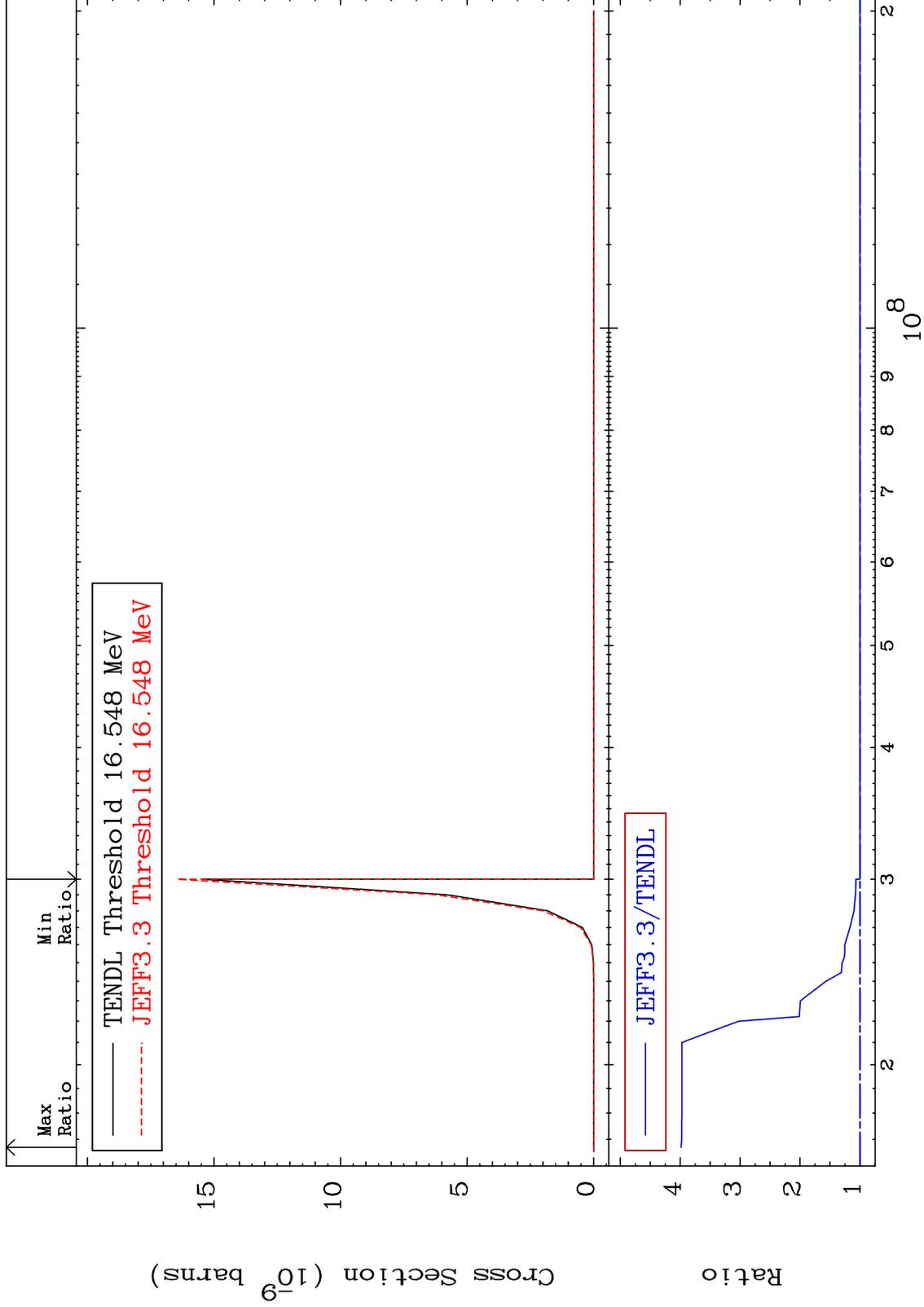
52-Te-126

MAT 5243

(n, p) t:50-Sn-123g

52-Te-126

Radionuclide Production Cross Section 0.000 To 298.6 %



MAT 5243

(n, p) t:50-Sn-123m1

52-Te-126

Radionuclide Production Cross Section -20.67 To 211.0 %

