

Program Complot  
(Version 2018-1)

by

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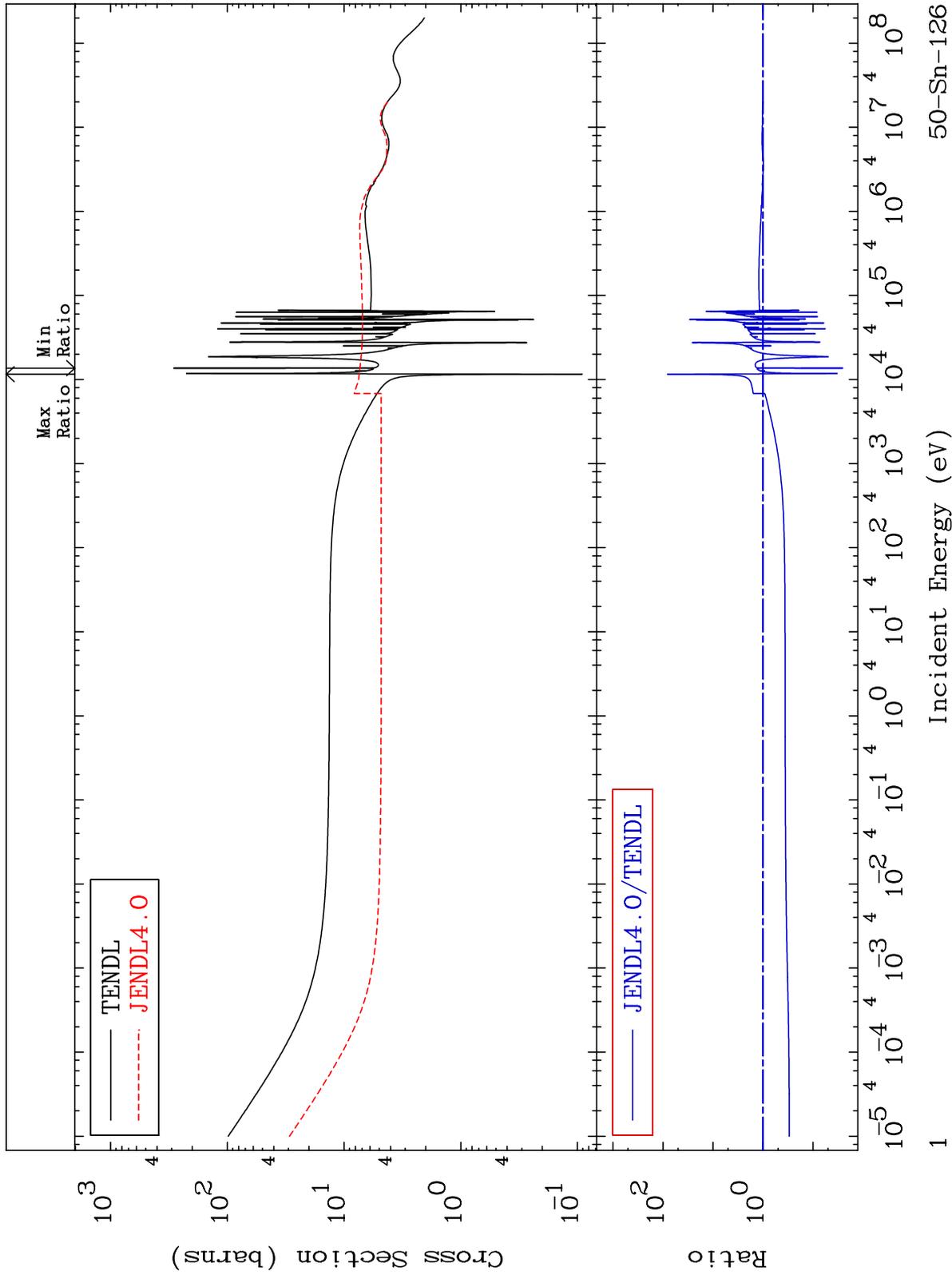
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 5067

Total  
Cross Section

50-Sn-126  
-97.47 To 7966. %

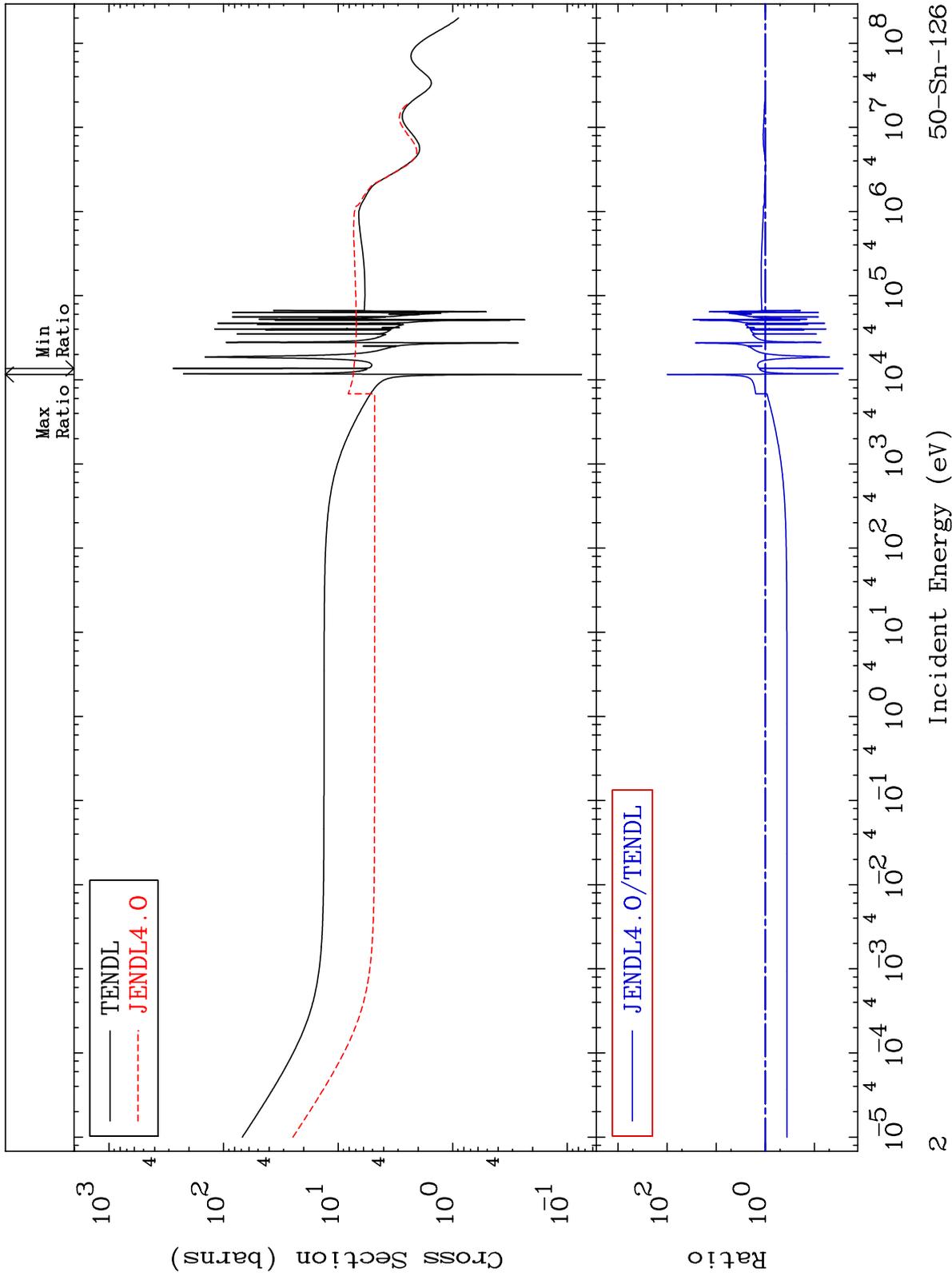


50-Sn-126

MAT 5067

Elastic  
Cross Section

50-Sn-126  
-97.36 To 9736. %

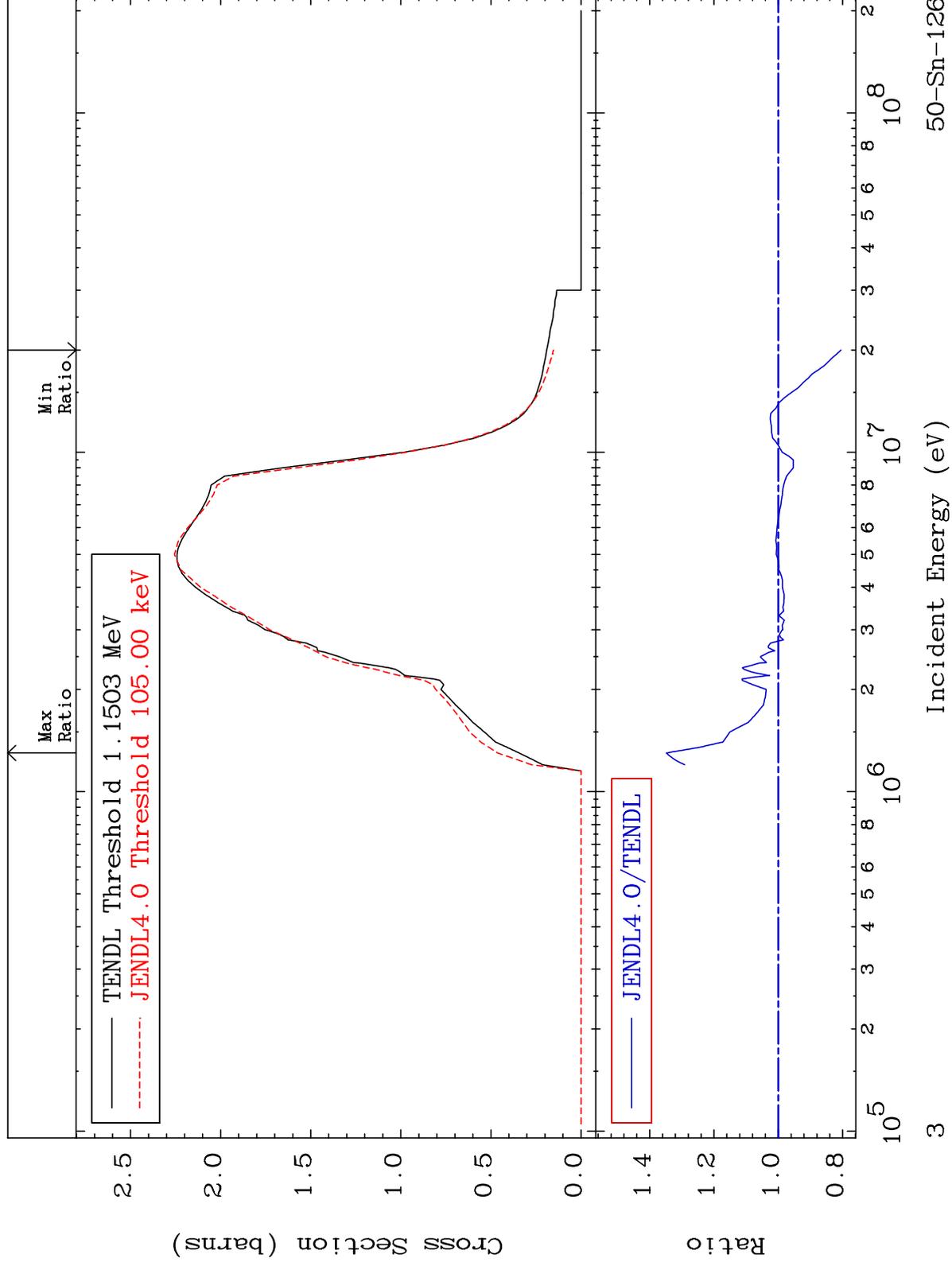


50-Sn-126

MAT 5067

Inelastic  
Cross Section

50-Sn-126  
-19.47 To 34.78 %



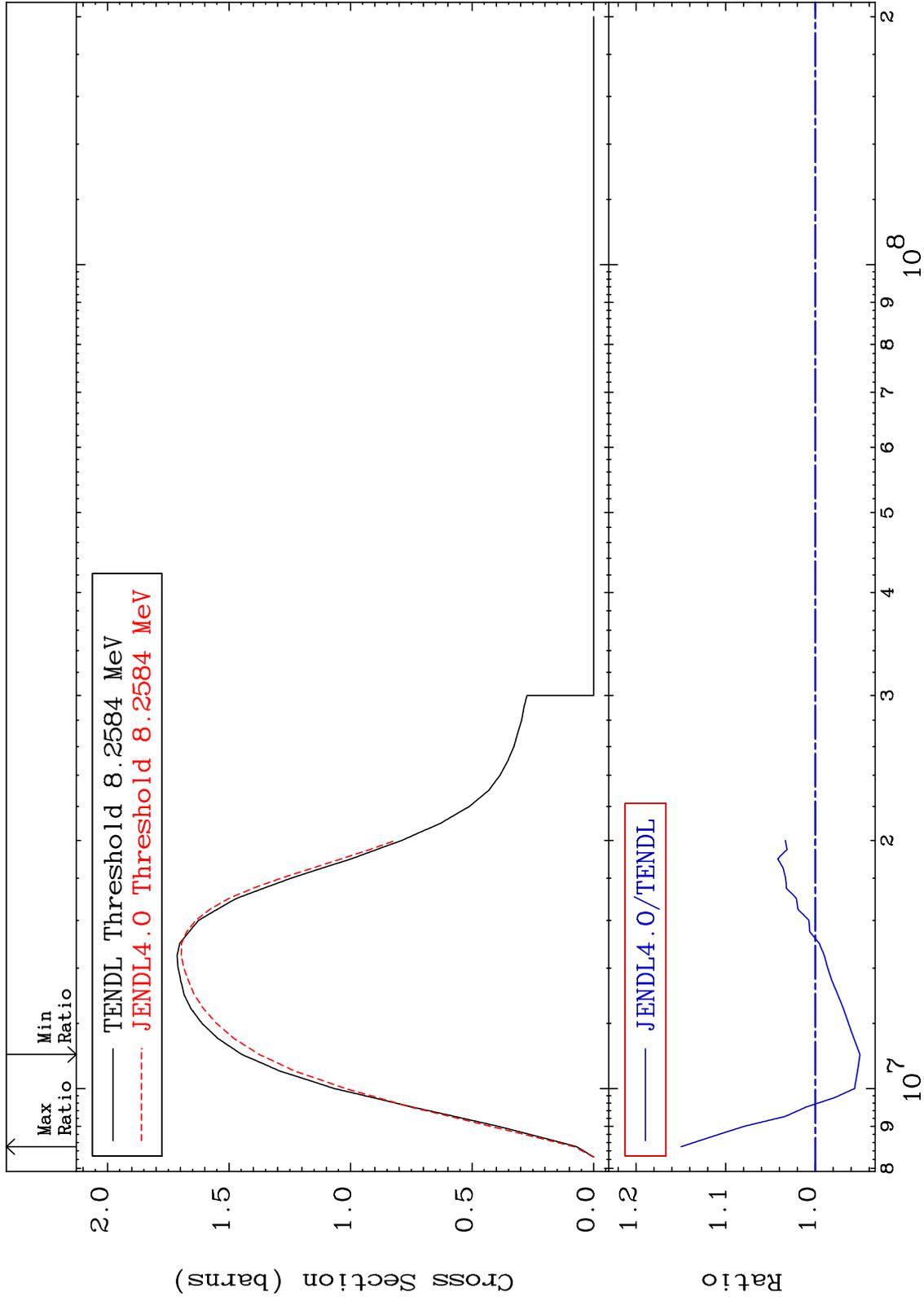
MAT 5067

(n,2n)

50-Sn-126

Cross Section

-4.968 To 14.96 %



4

Incident Energy (eV)

50-Sn-126

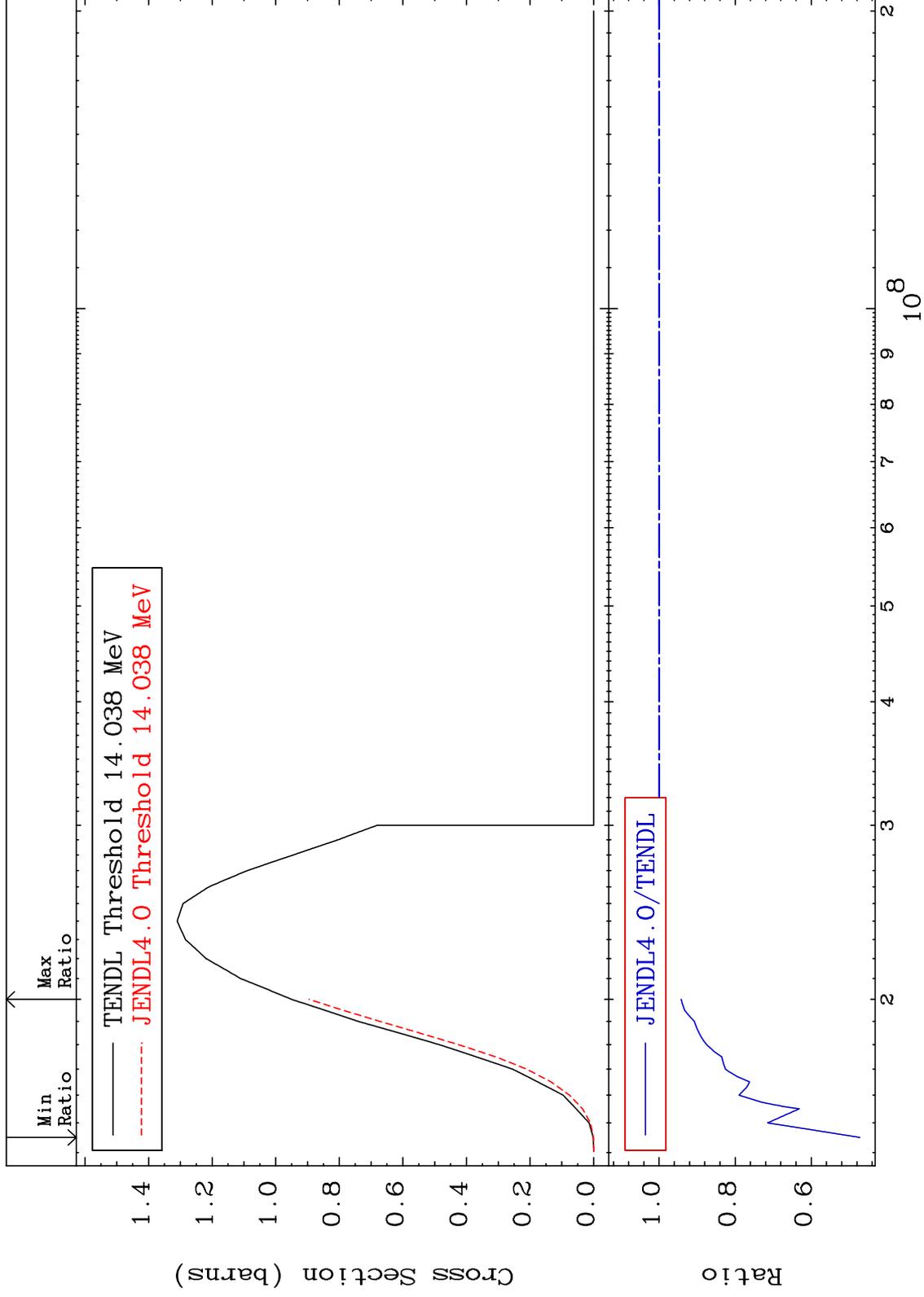
MAT 5067

(n,3n)

50-Sn-126

Cross Section

-52.78 To -5.797%



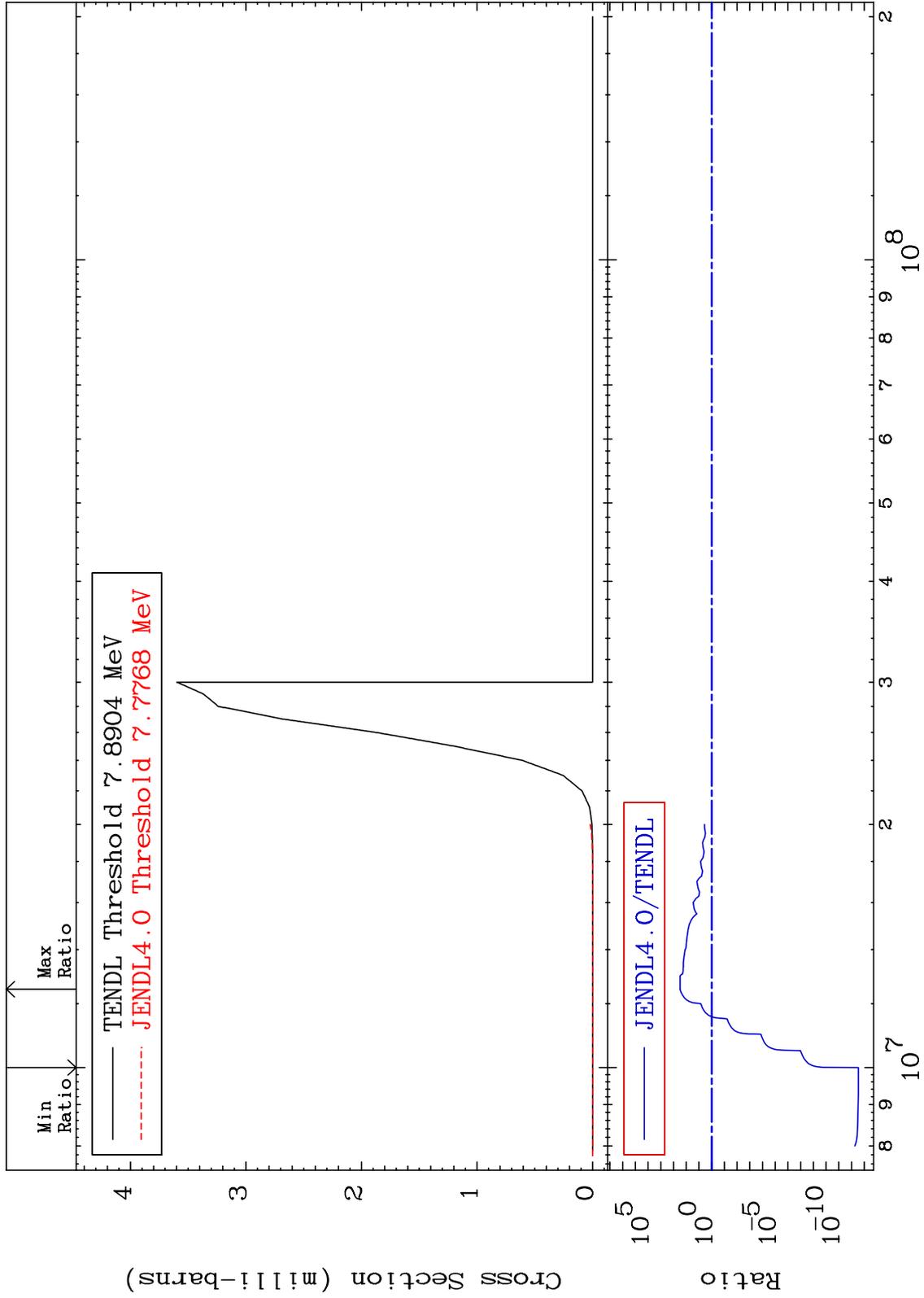
MAT 5067

(n,n')  $\alpha$

50-Sn-126

Cross Section

-100.0 To 9999. %



50-Sn-126

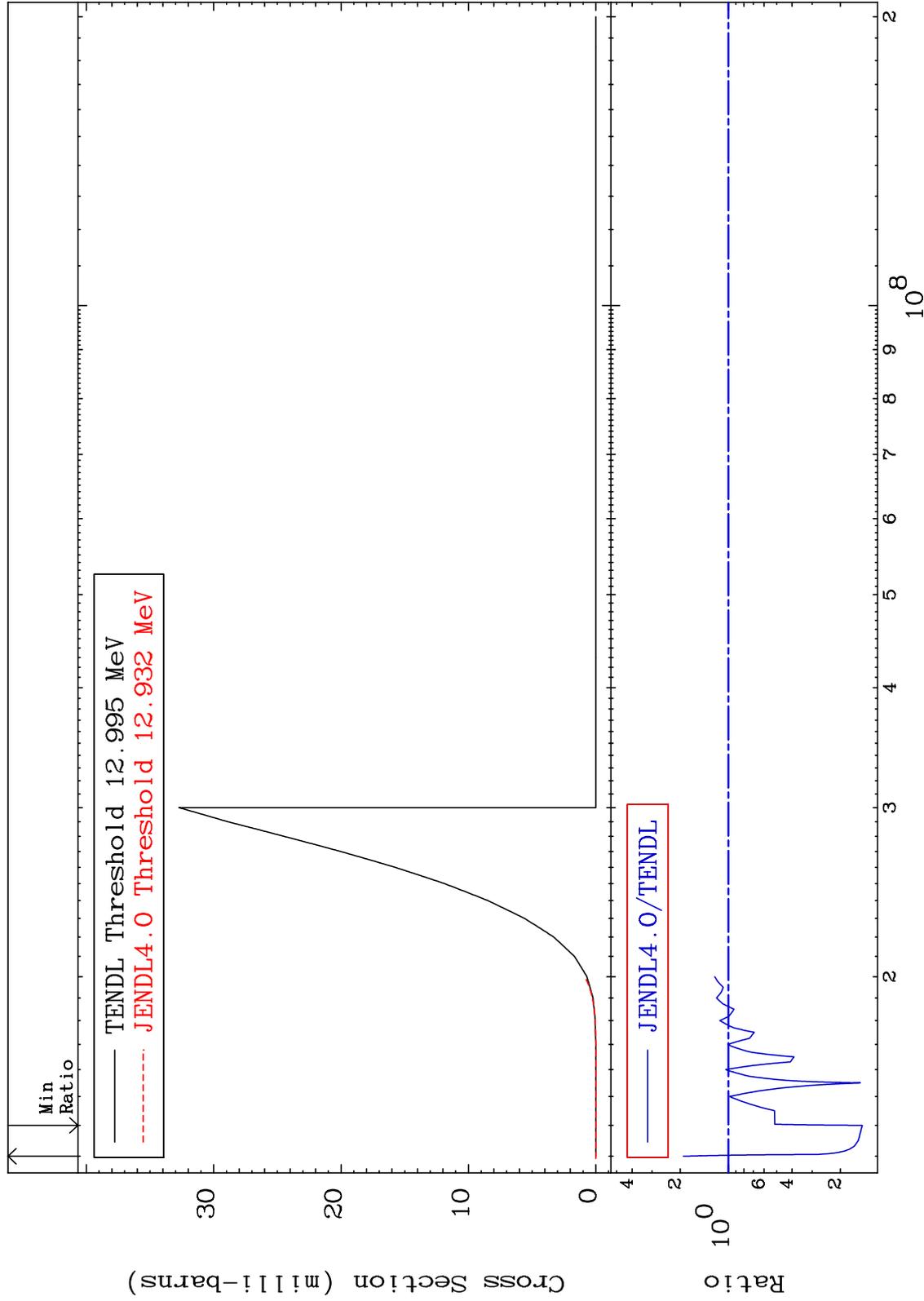
Incident Energy (eV)

6

MAT 5067

(n,n') p  
Cross Section

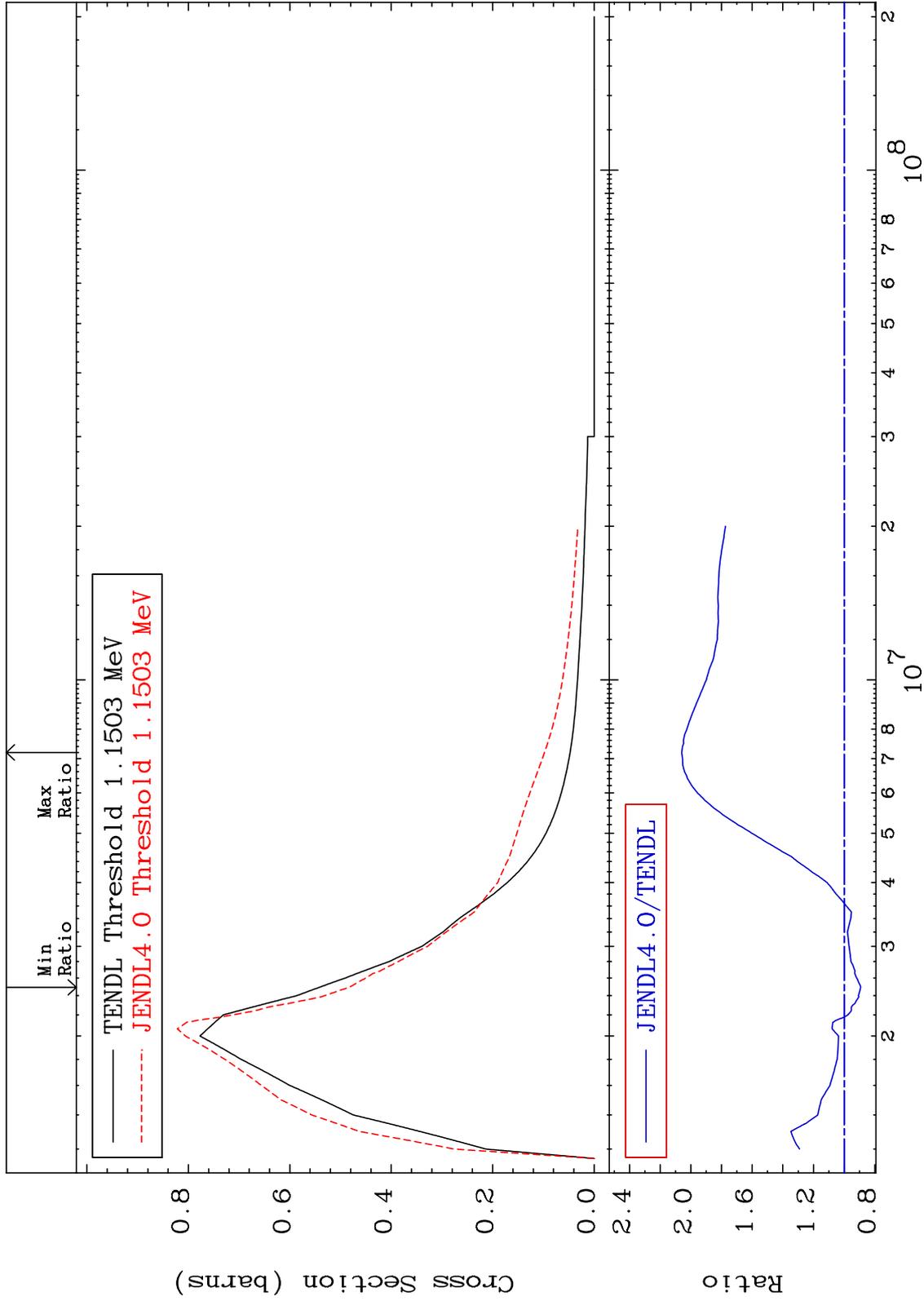
50-Sn-126  
-85.43 To 91.29 %



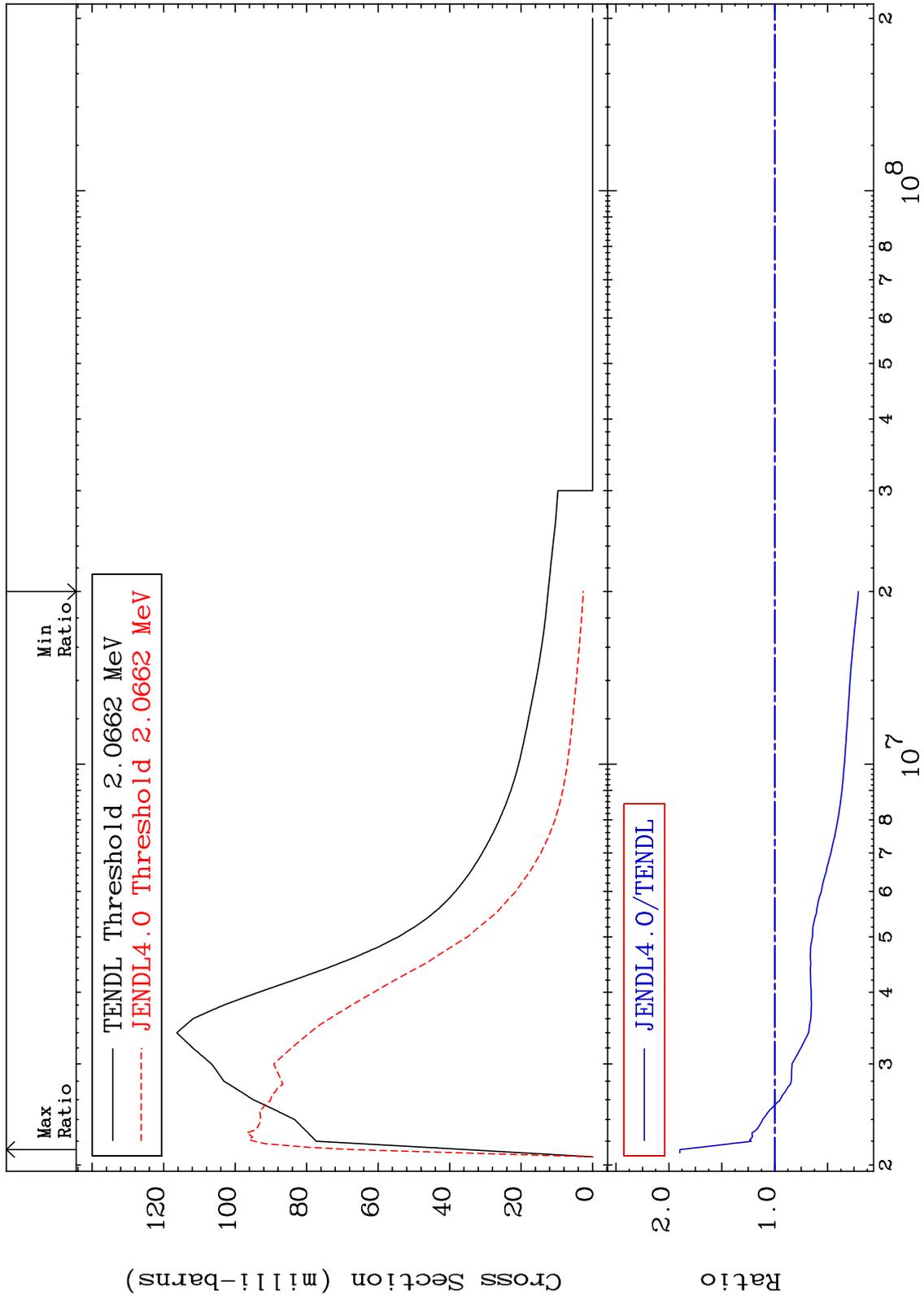
MAT 5067

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

50-Sn-126  
-10.77 To 106.0 %



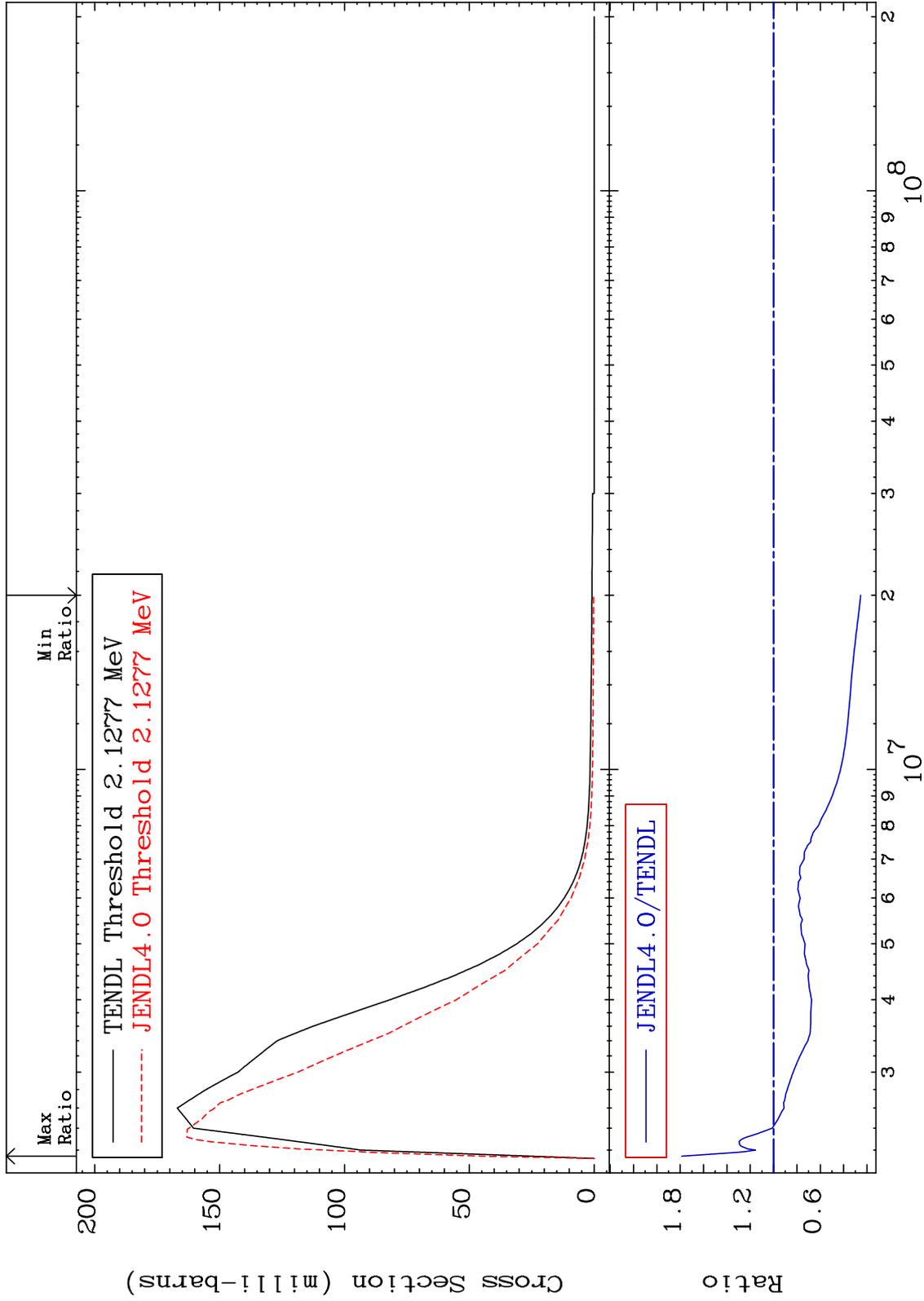
MAT 5067 MT= 52 (n,n') Level Cross Section 50-Sn-126  
 -79.09 To 89.58 %



MAT 5067

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

50-Sn-126  
-74.62 To 78.71 %



10

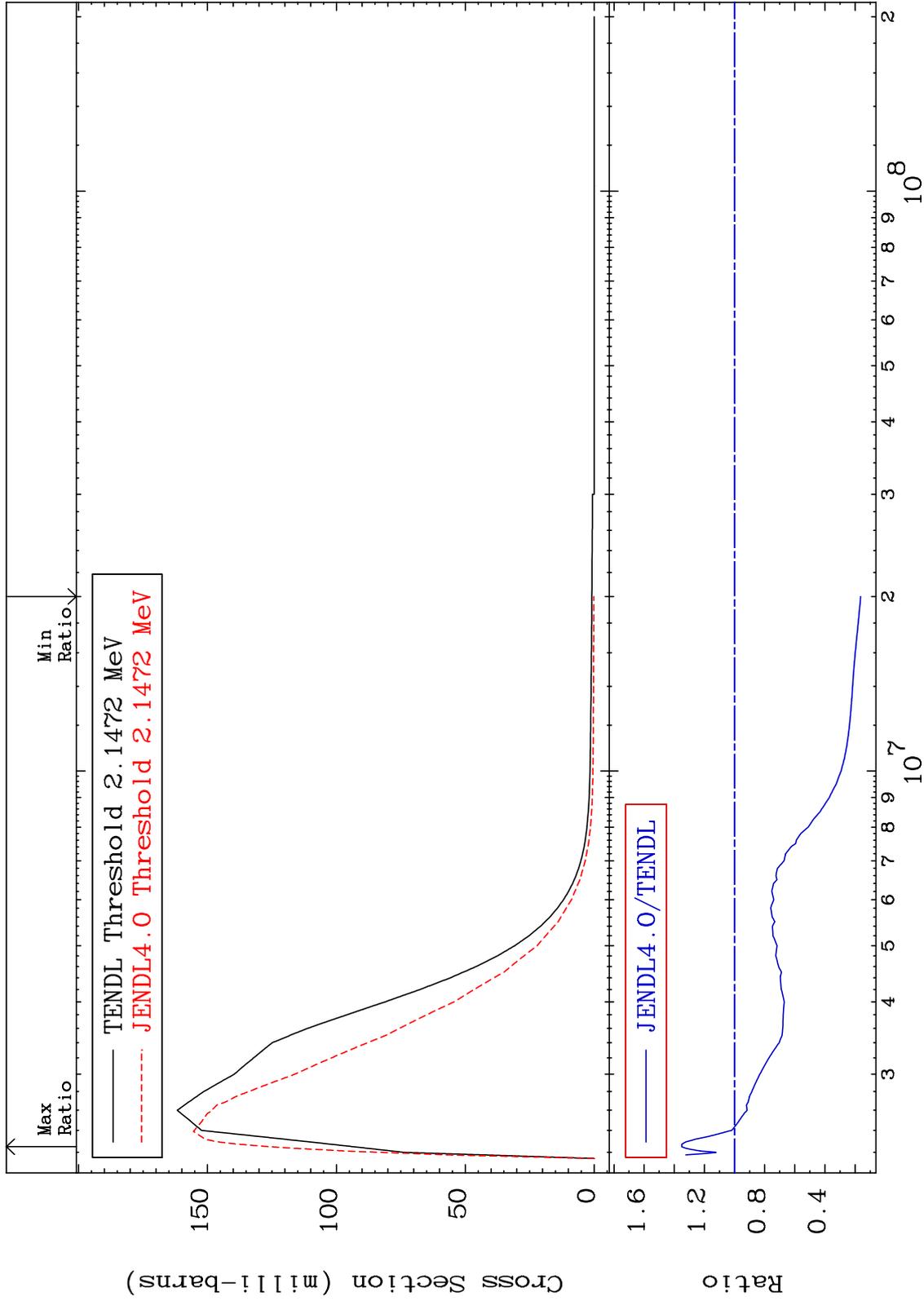
Incident Energy (eV)

50-Sn-126

MAT 5067

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

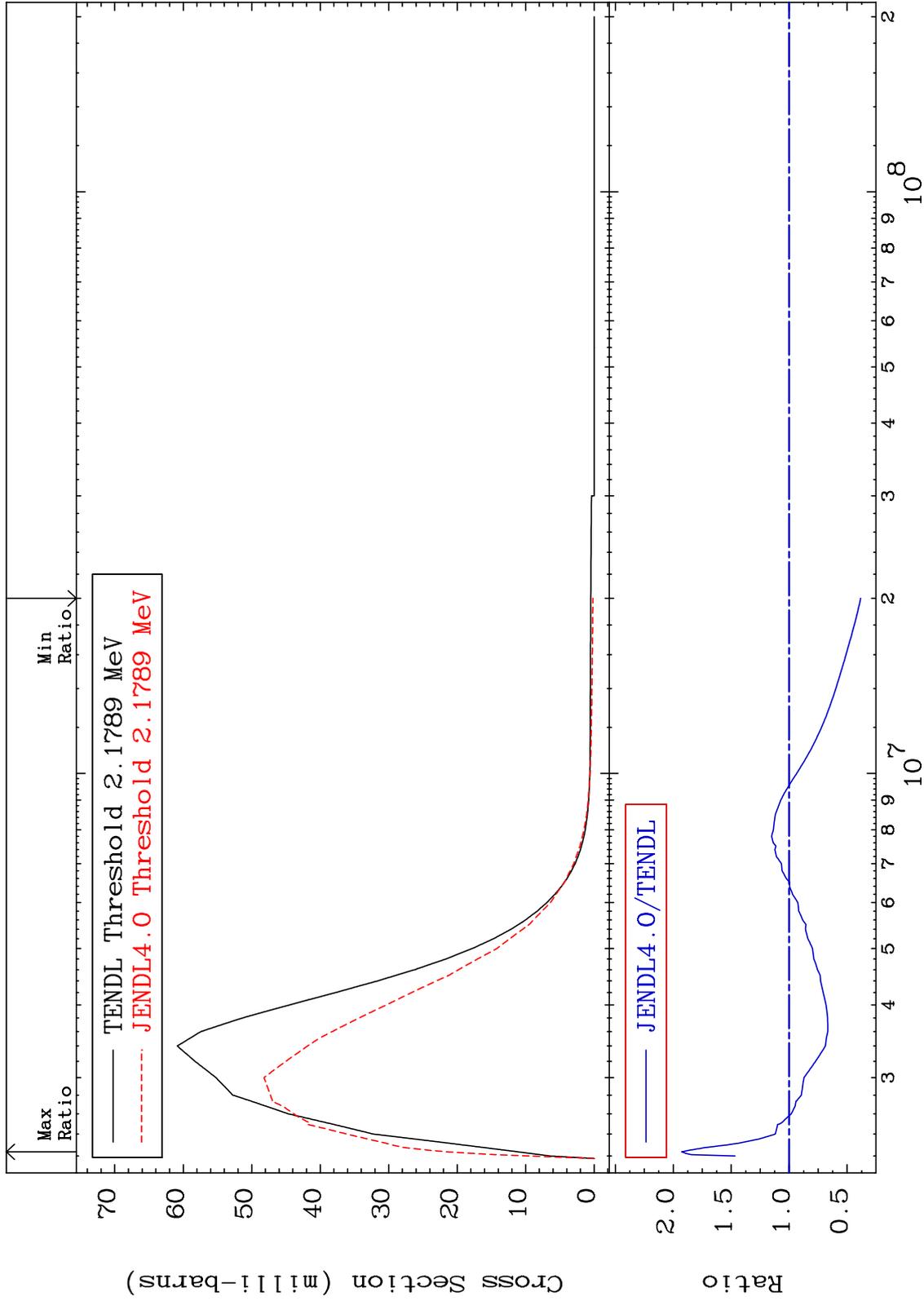
50-Sn-126  
-83.71 To 35.03 %



MAT 5067

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

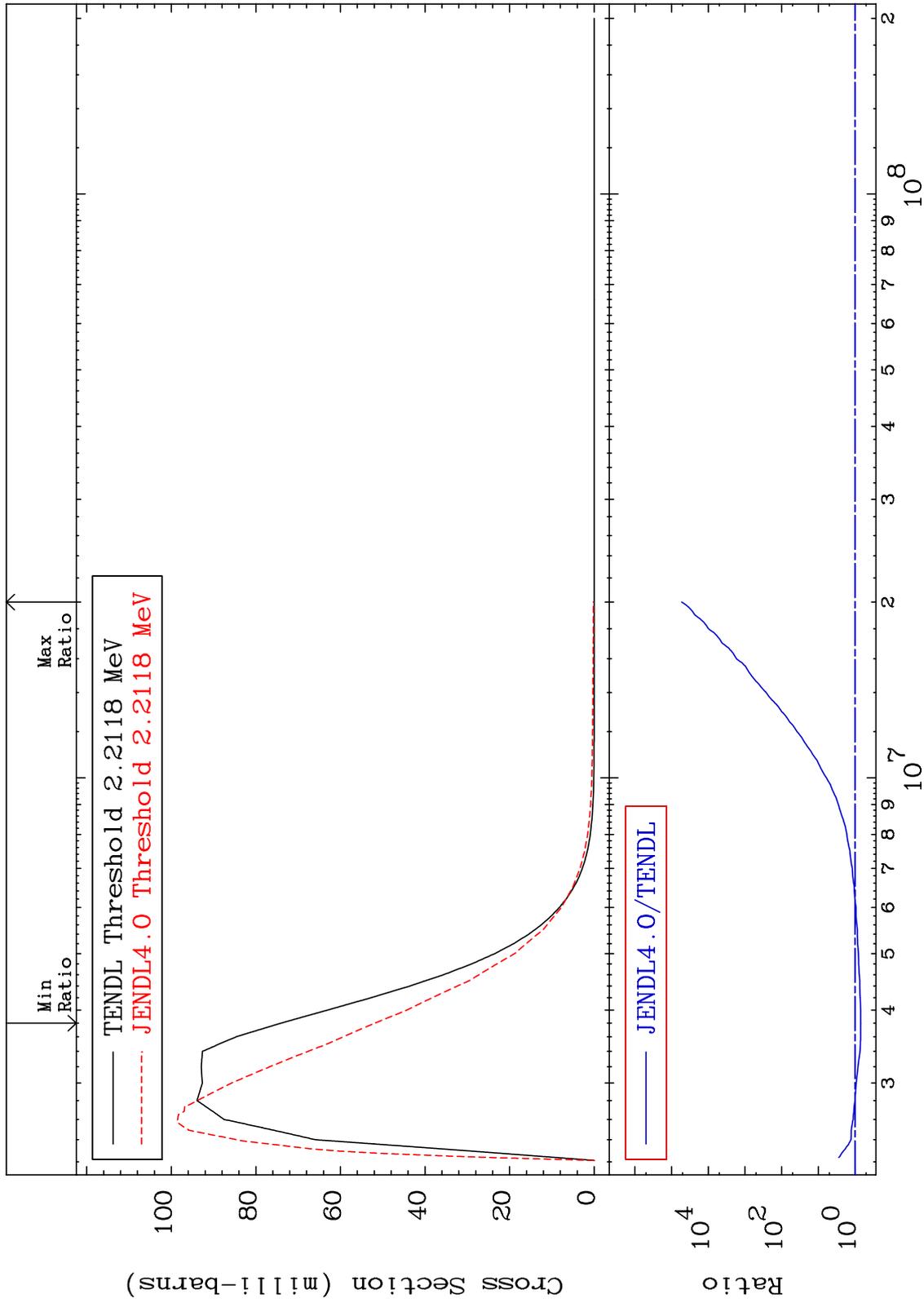
50-Sn-126  
-61.67 To 92.68 %



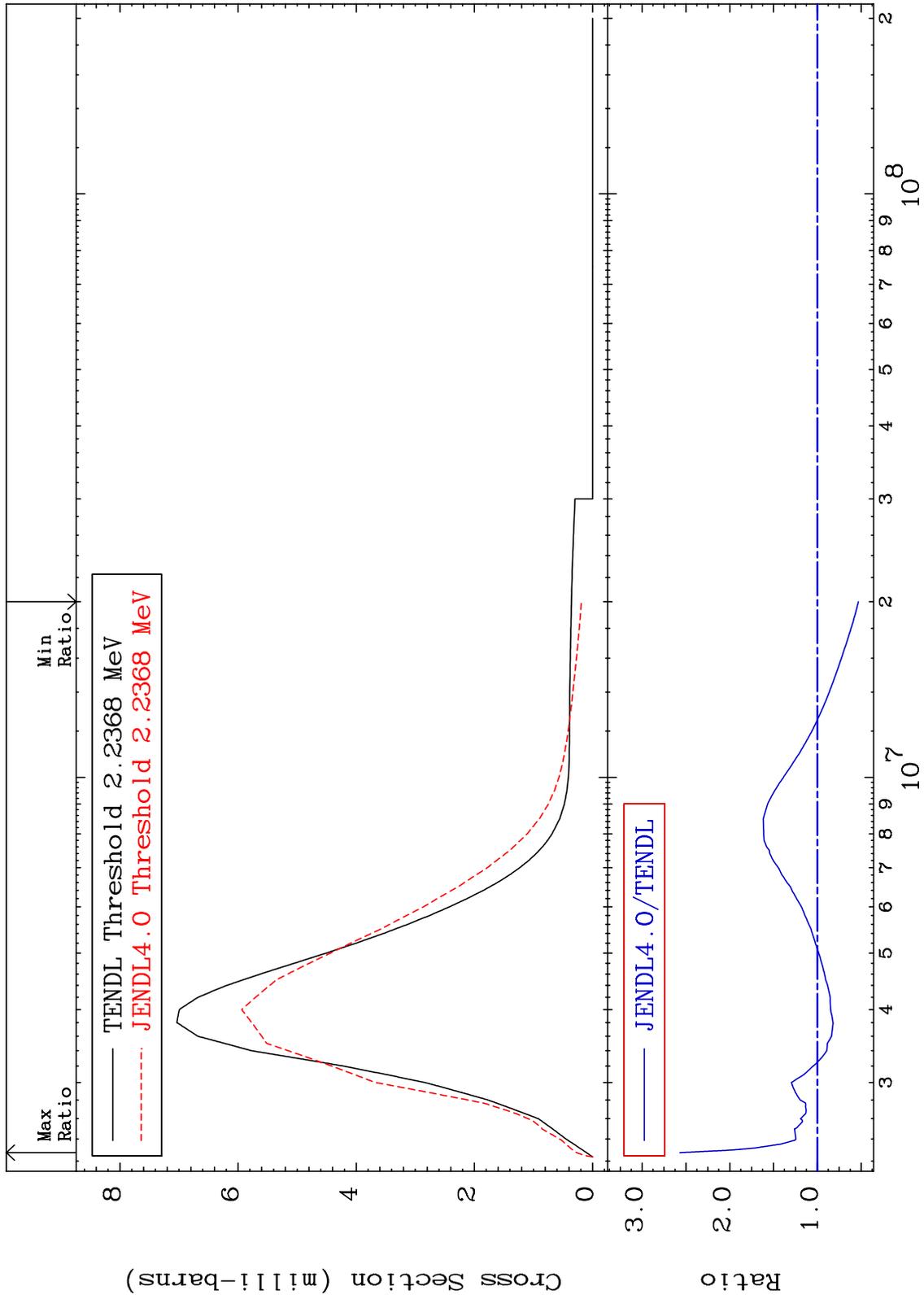
MAT 5067

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

50-Sn-126  
-29.99 To 9999. %



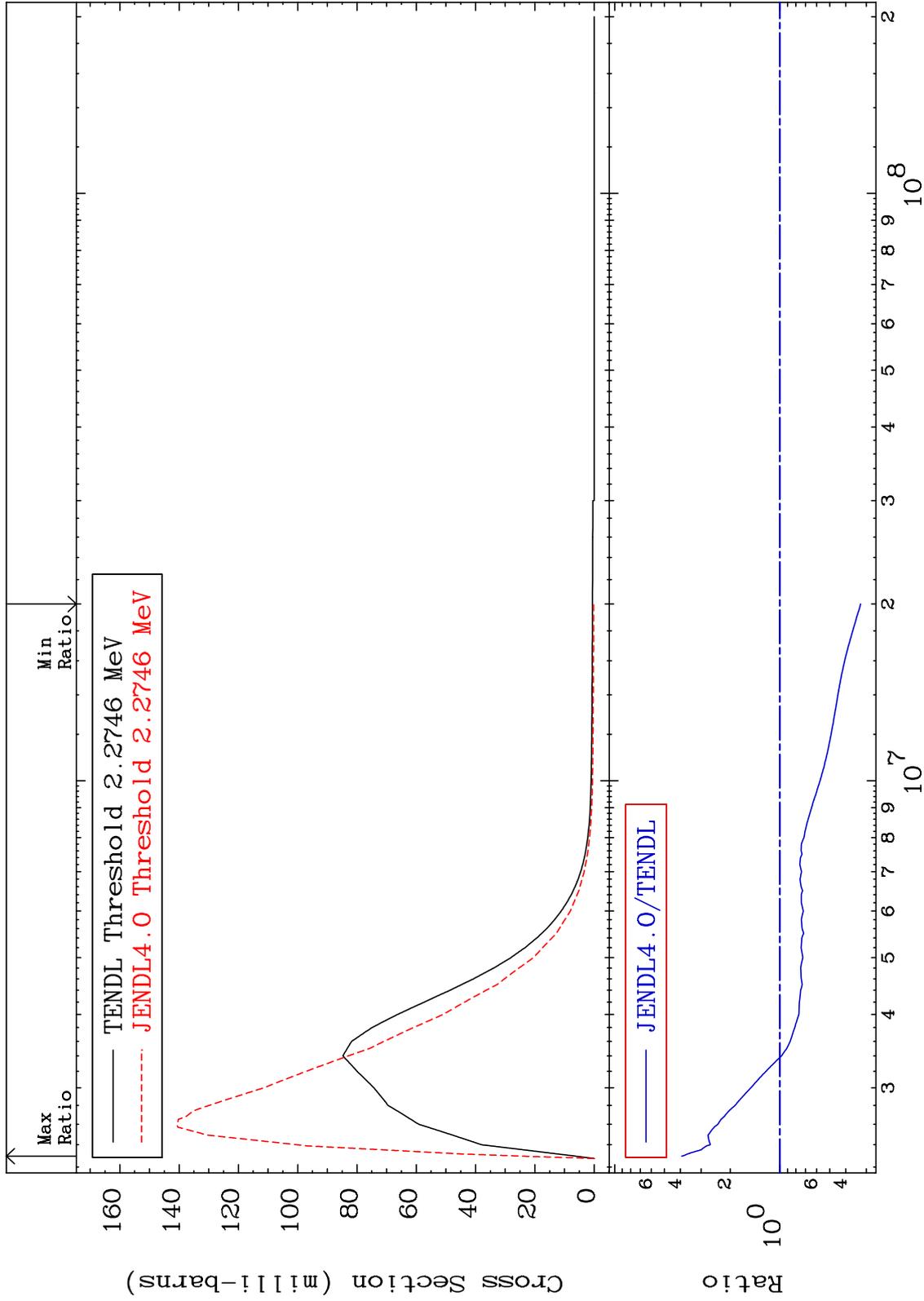
MAT 5067 MT= 57 (n,n') Level Cross Section 50-Sn-126 -46.87 To 156.8 %



MAT 5067

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

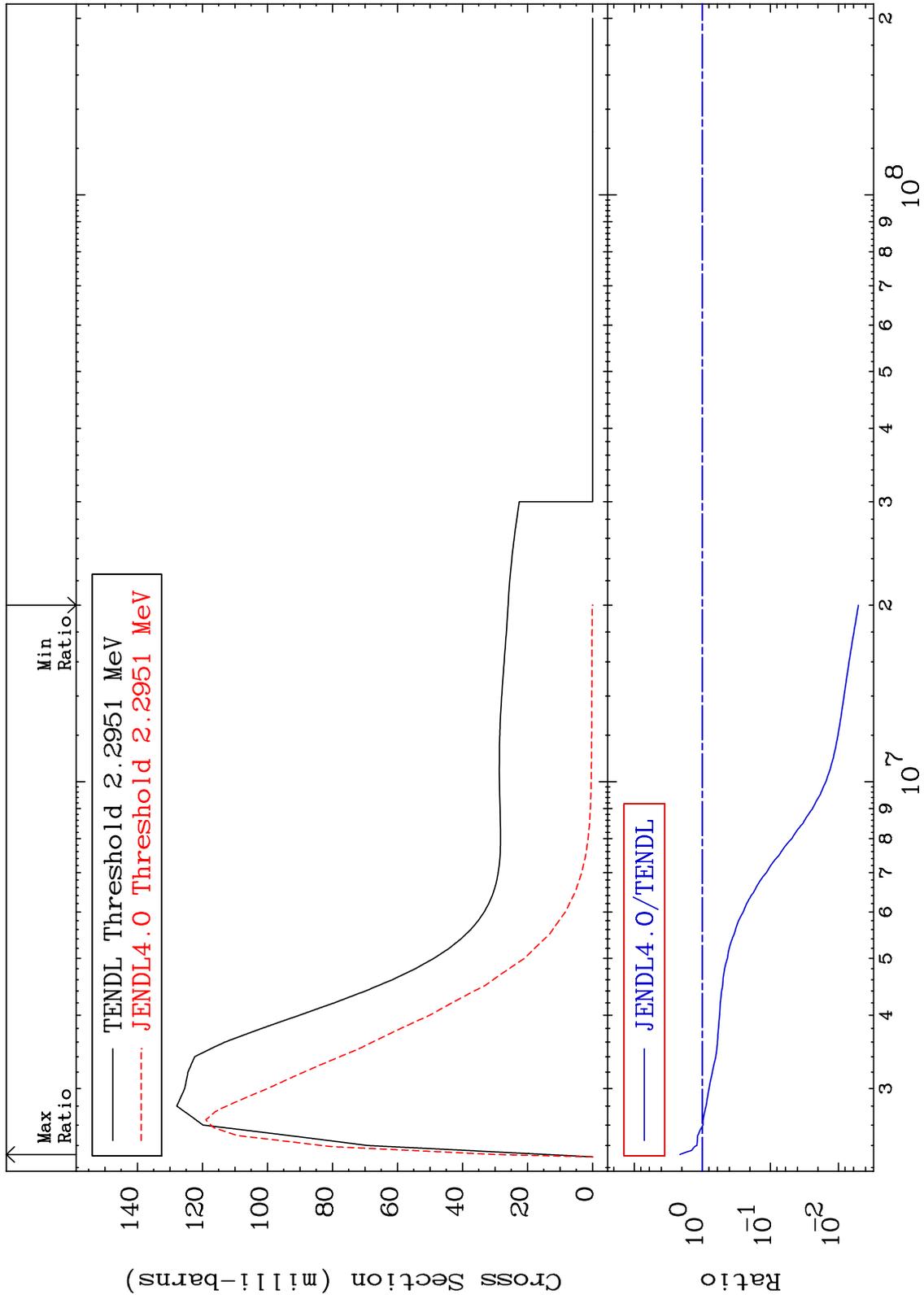
50-Sn-126  
-67.51 To 292.8 %



MAT 5067

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

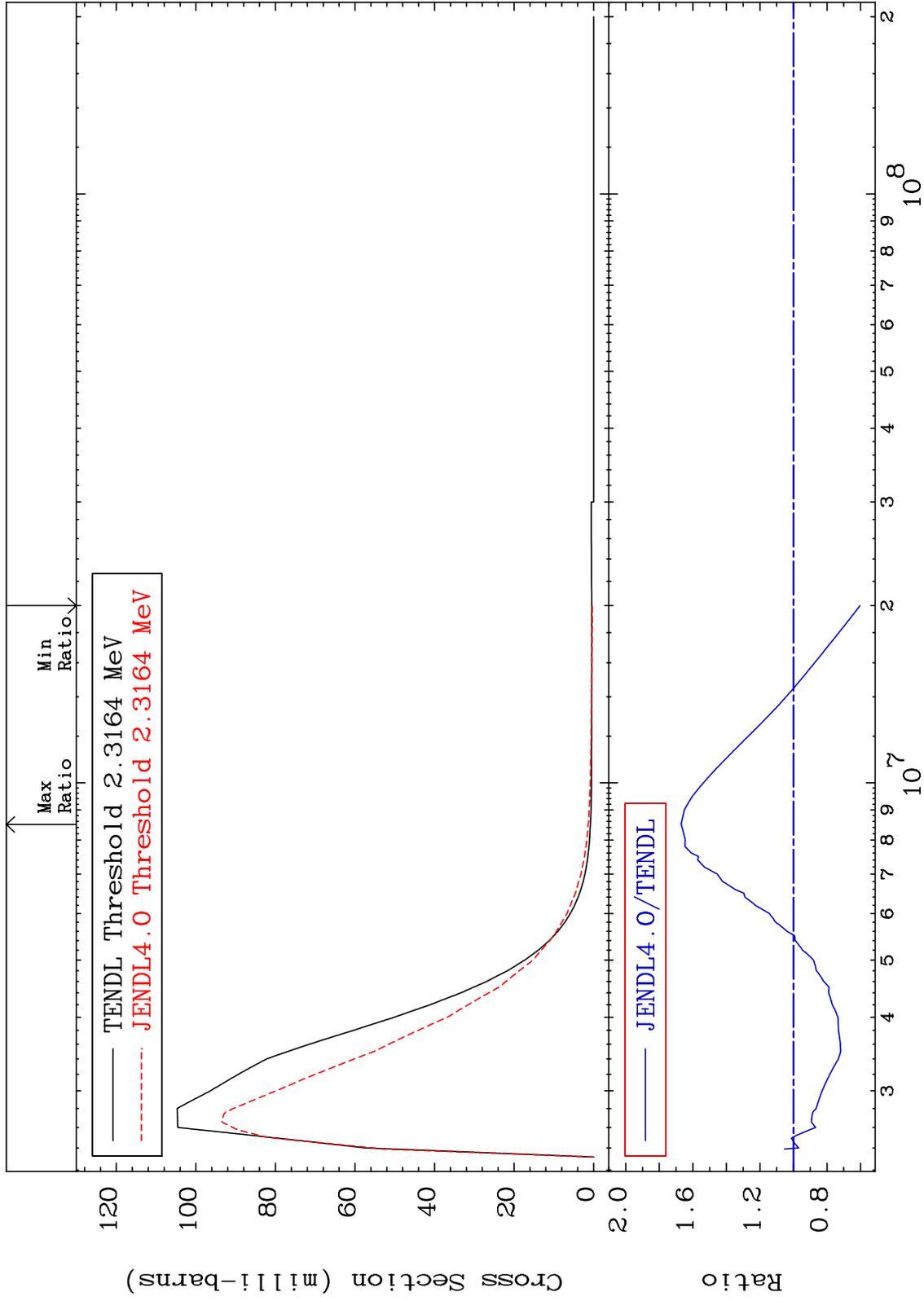
50-Sn-126  
-99.49 To 113.2 %



MAT 5067

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

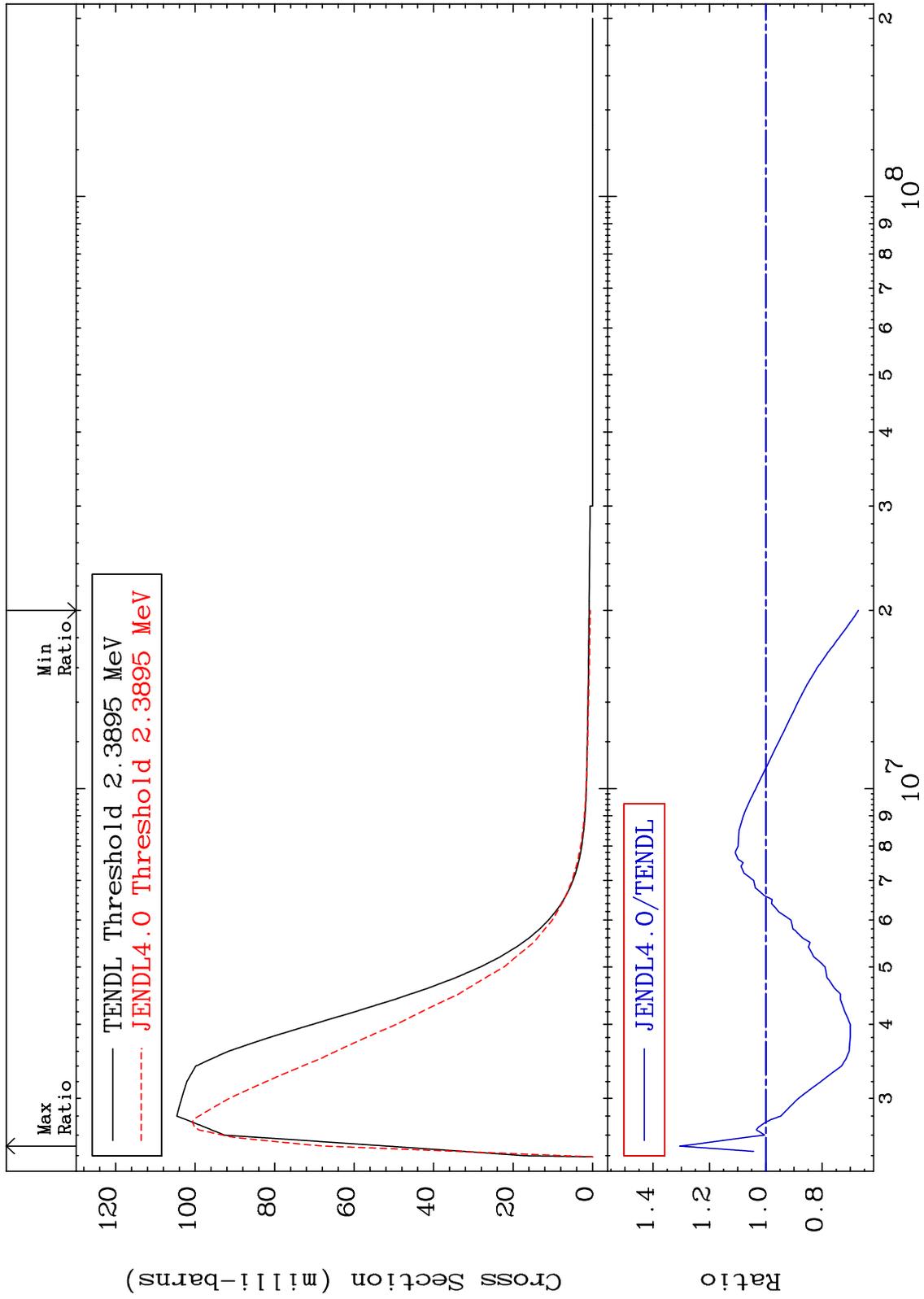
50-Sn-126  
-39.64 To 66.97 %



MAT 5067

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

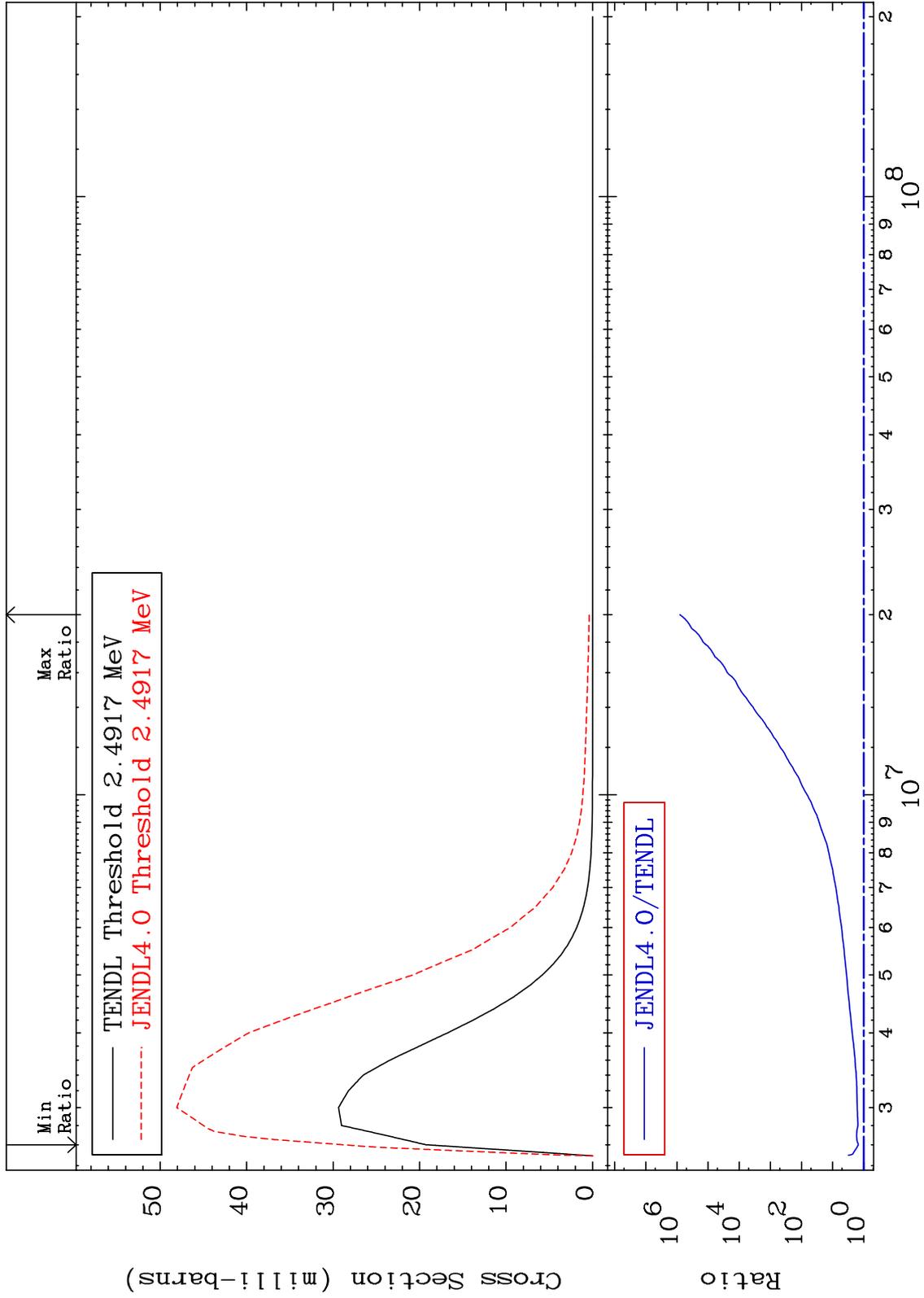
50-Sn-126  
-32.85 To 30.48 %



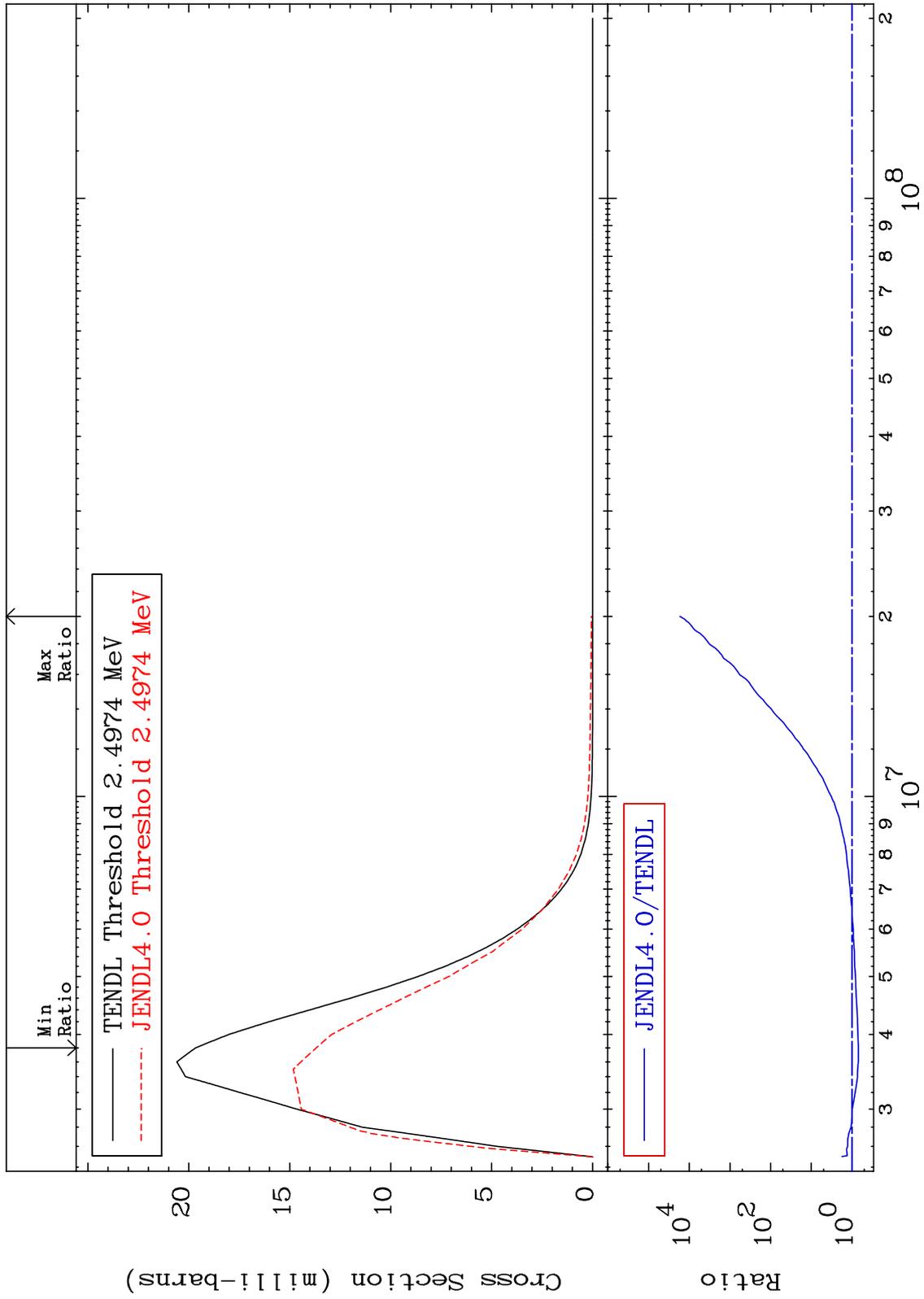
MAT 5067

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

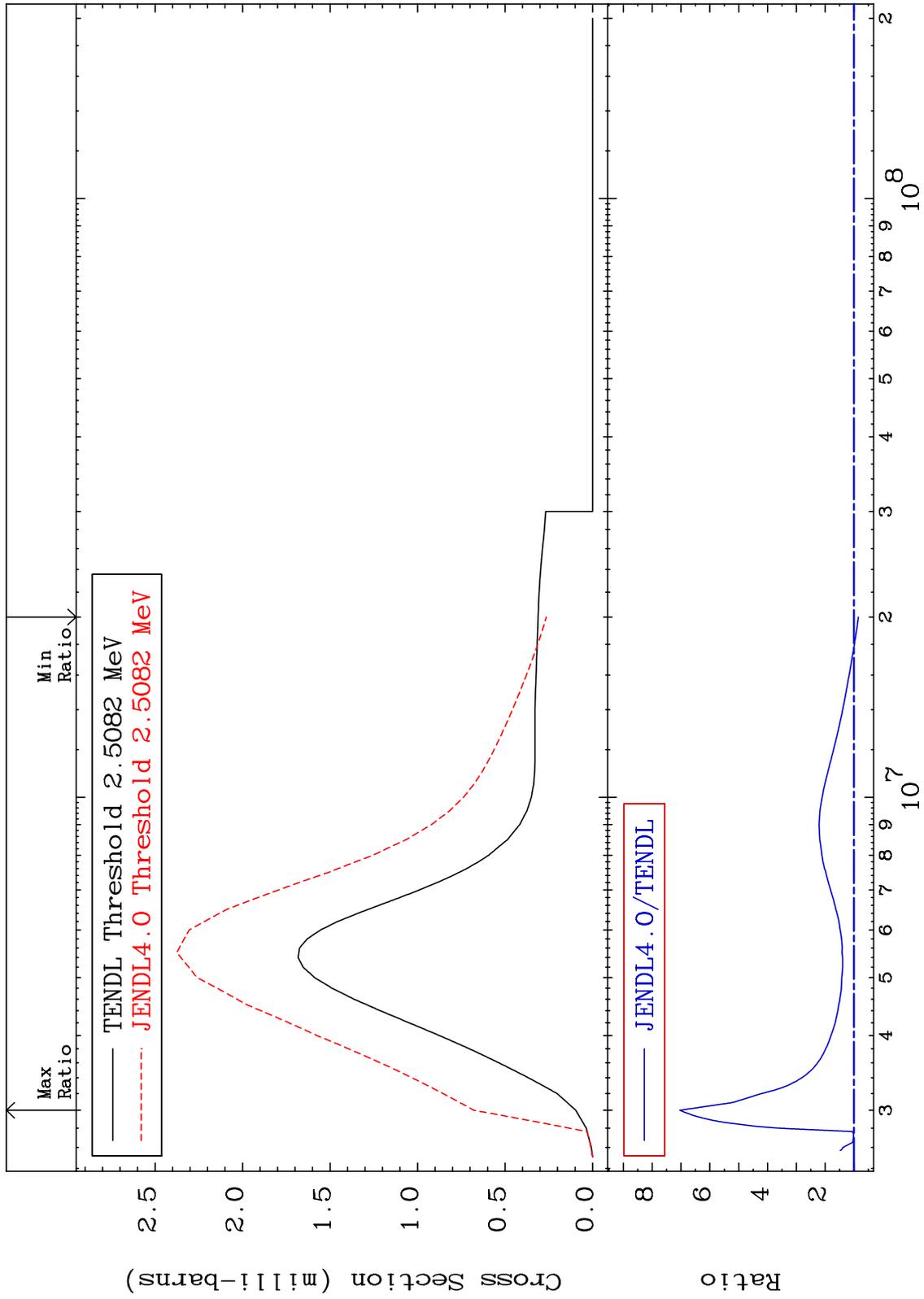
49.78 To 9999. %  
50-Sn-126



MAT 5067 MT= 63 (n,n') Level Cross Section 50-Sn-126  
 -30.40 To 9999. %



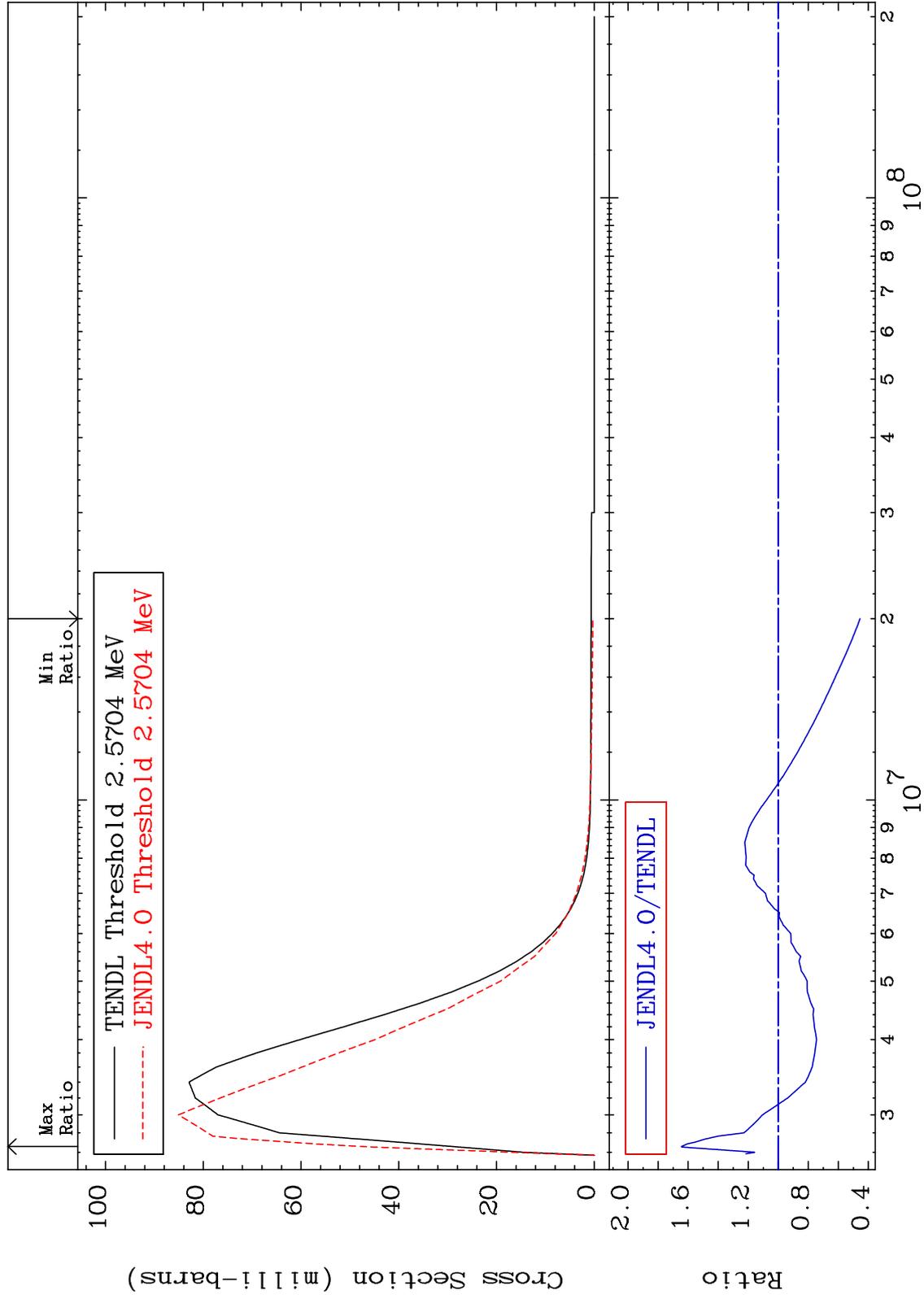
MAT 5067 MT= 64 (n,n') Level Cross Section 50-Sn-126  
 -15.09 To 603.8 %



MAT 5067

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

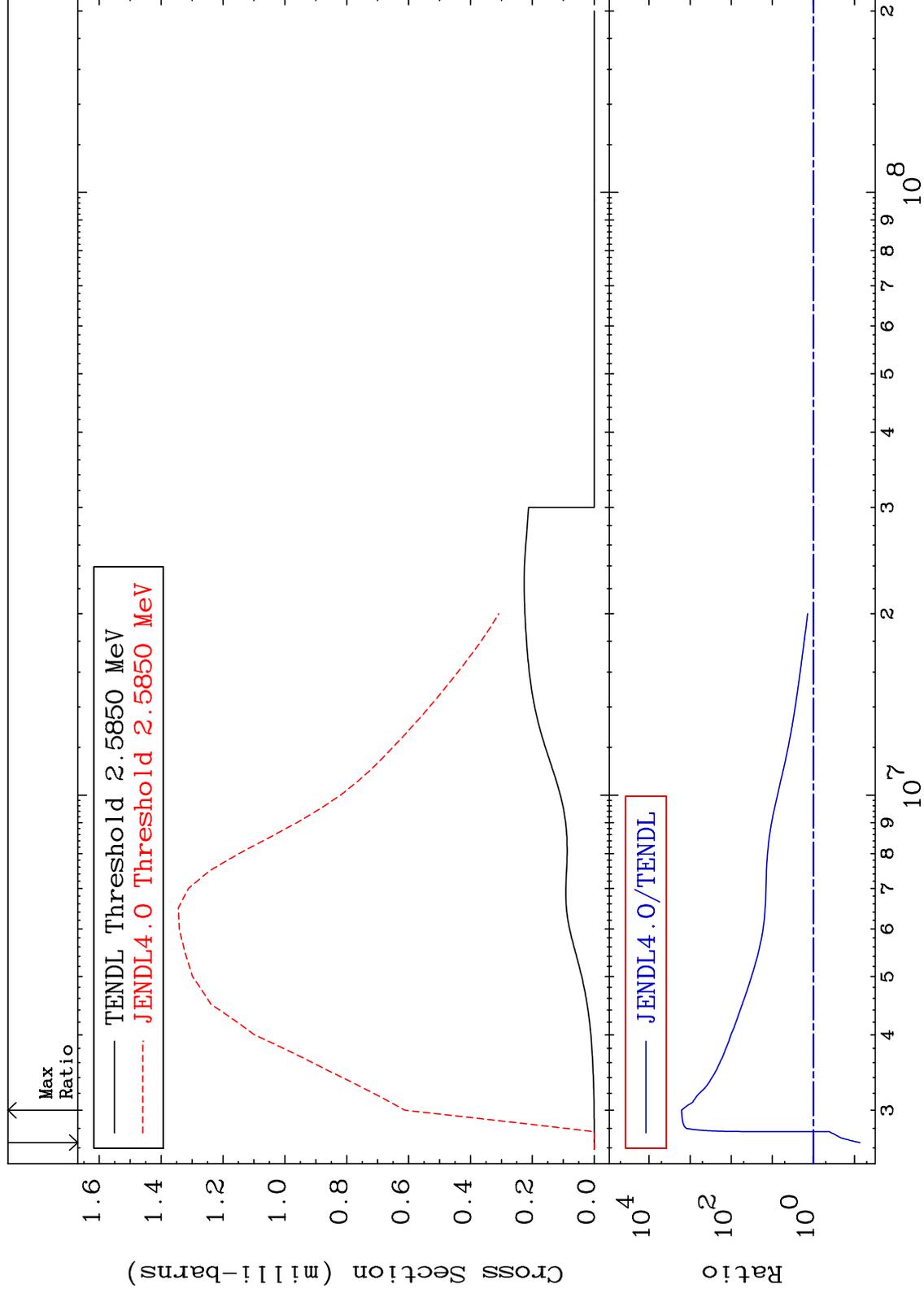
50-Sn-126  
-54.46 To 64.37 %



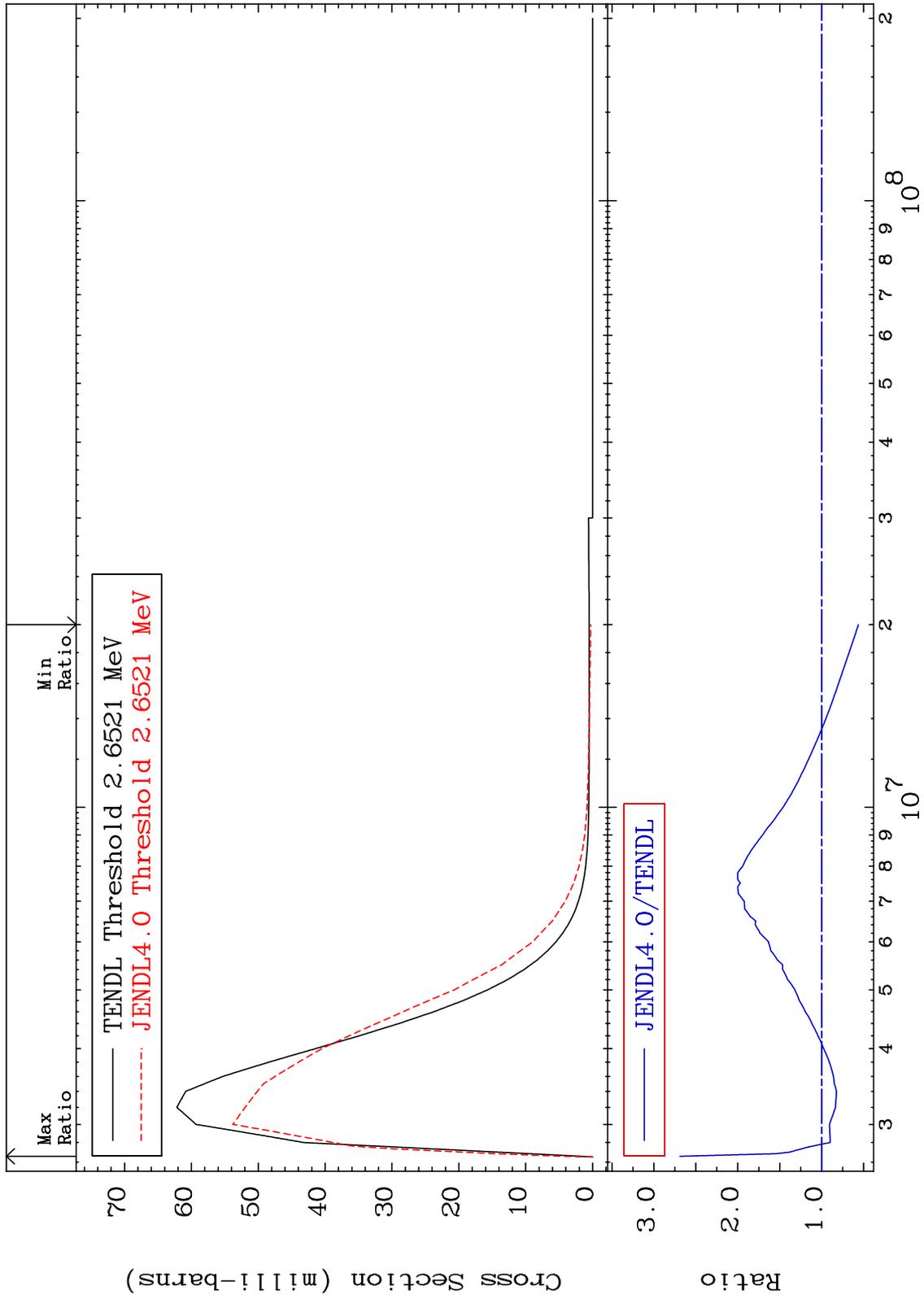
MAT 5067

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

50-Sn-126  
-92.67 To 9999. %



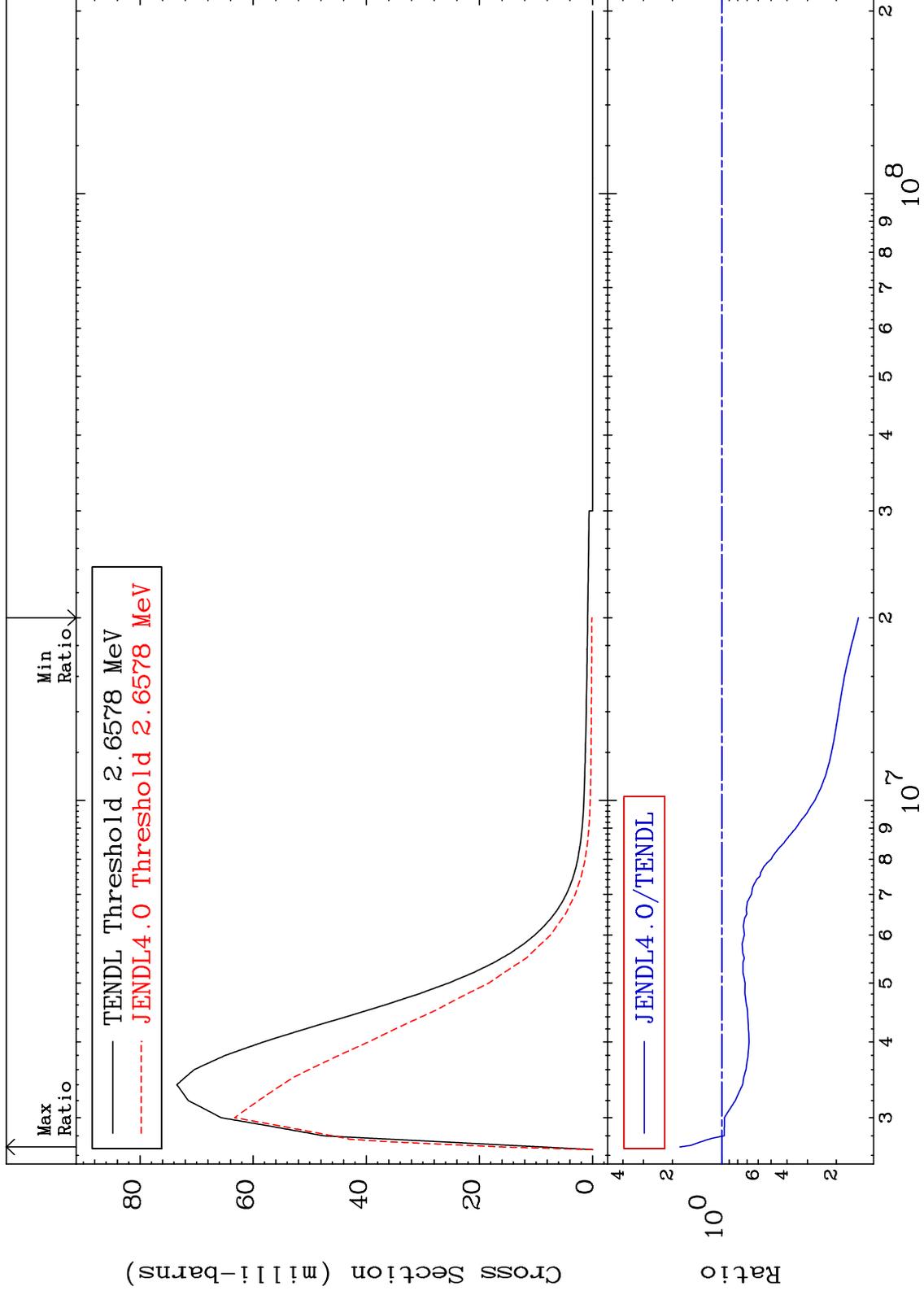
MAT 5067 MT= 67 (n,n') Level Cross Section 50-Sn-126 -43.78 To 169.0 %



MAT 5067

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

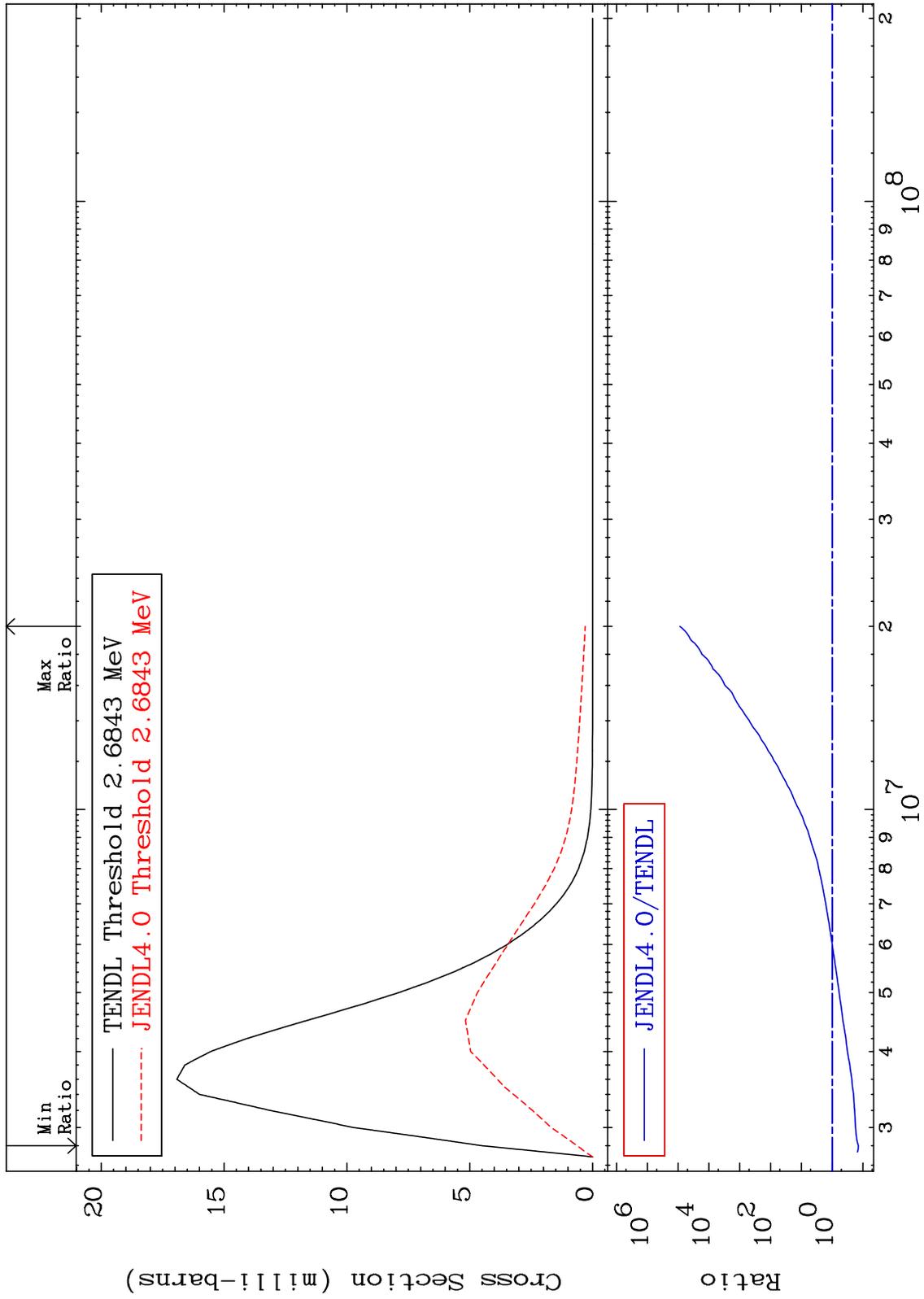
50-Sn-126  
-85.33 To 79.87 %



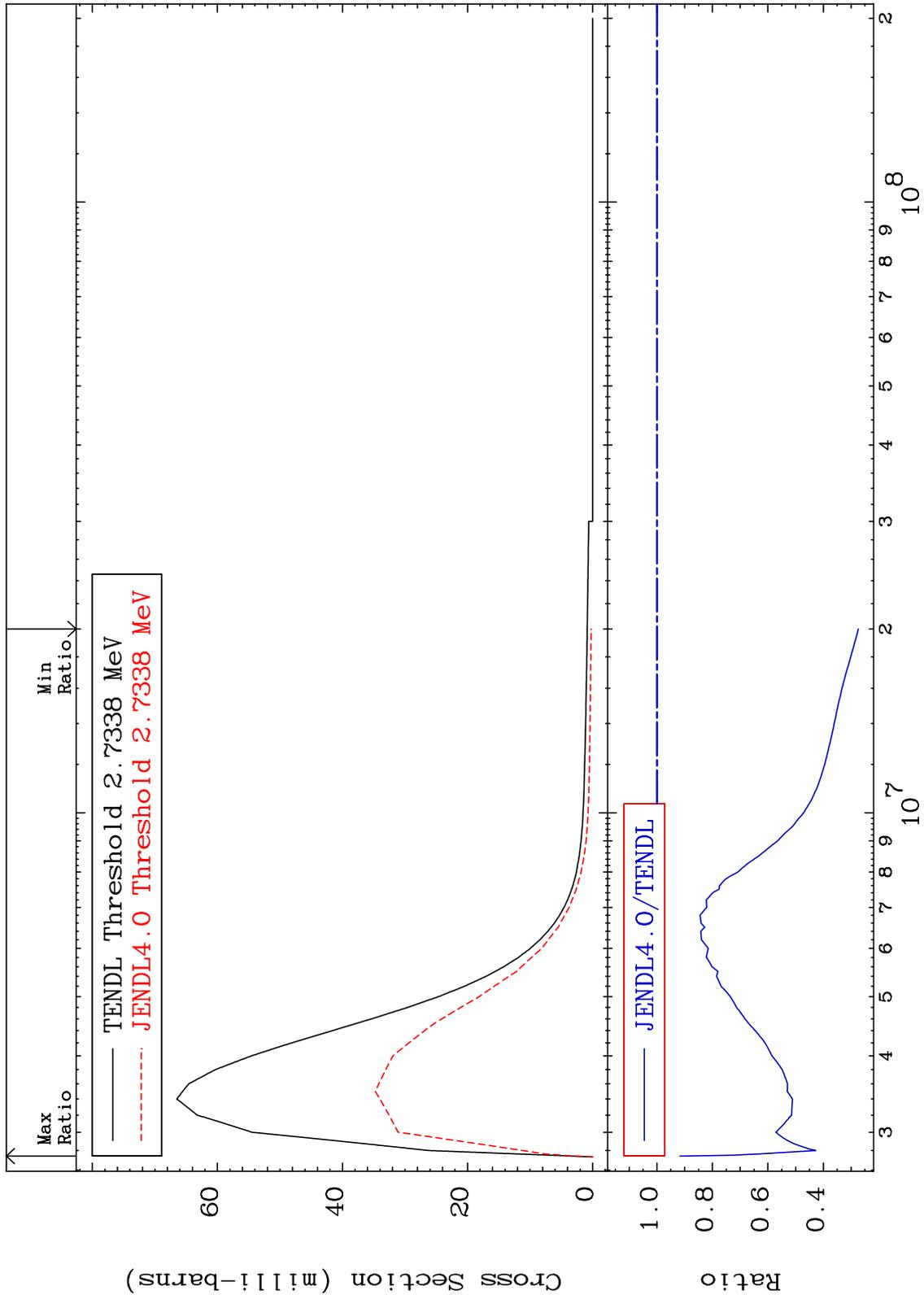
MAT 5067

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

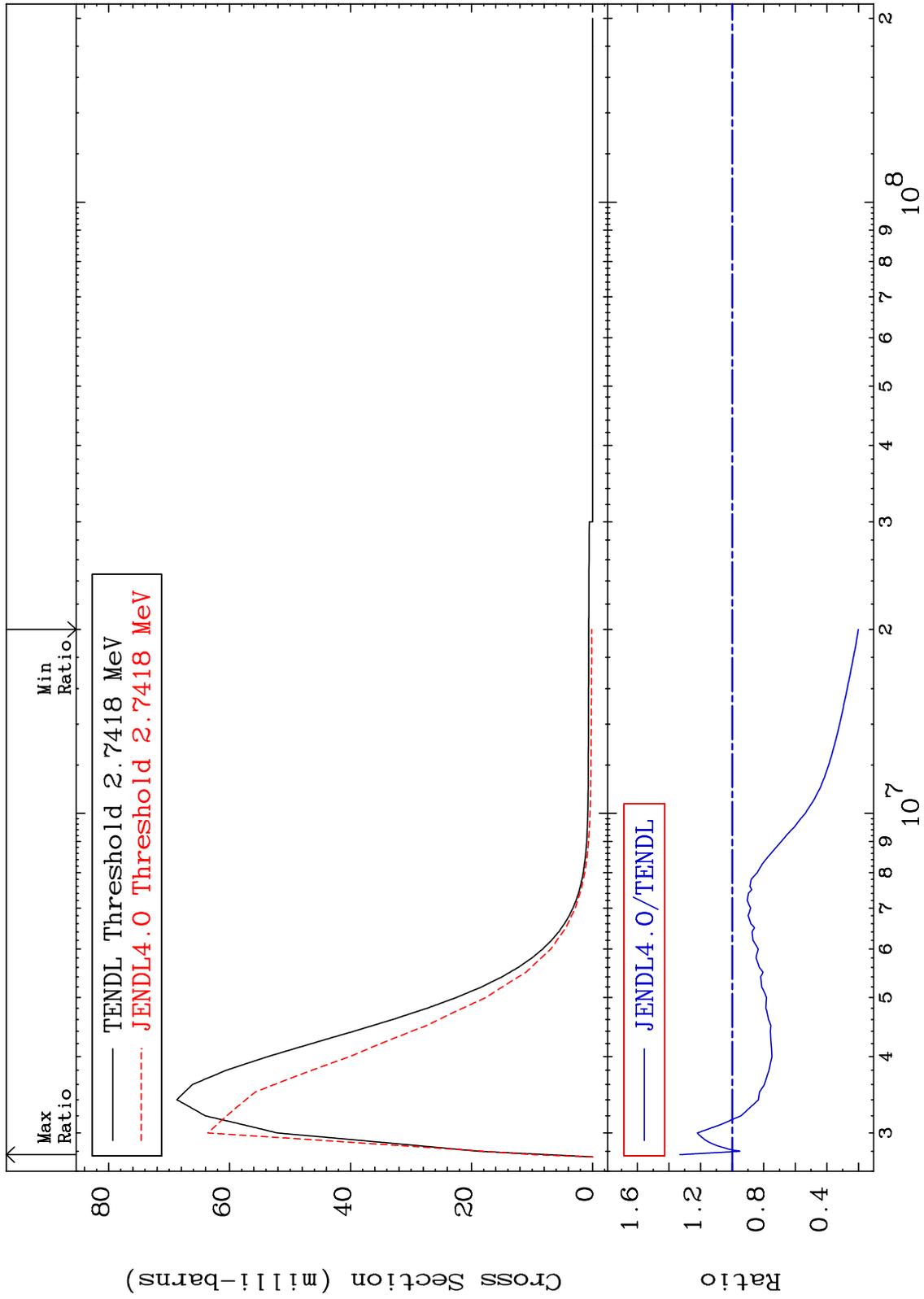
50-Sn-126  
-85.99 To 9999. %



MAT 5067      MT= 70 (n,n') Level Cross Section      50-Sn-126  
 -72.62 To -8.298%



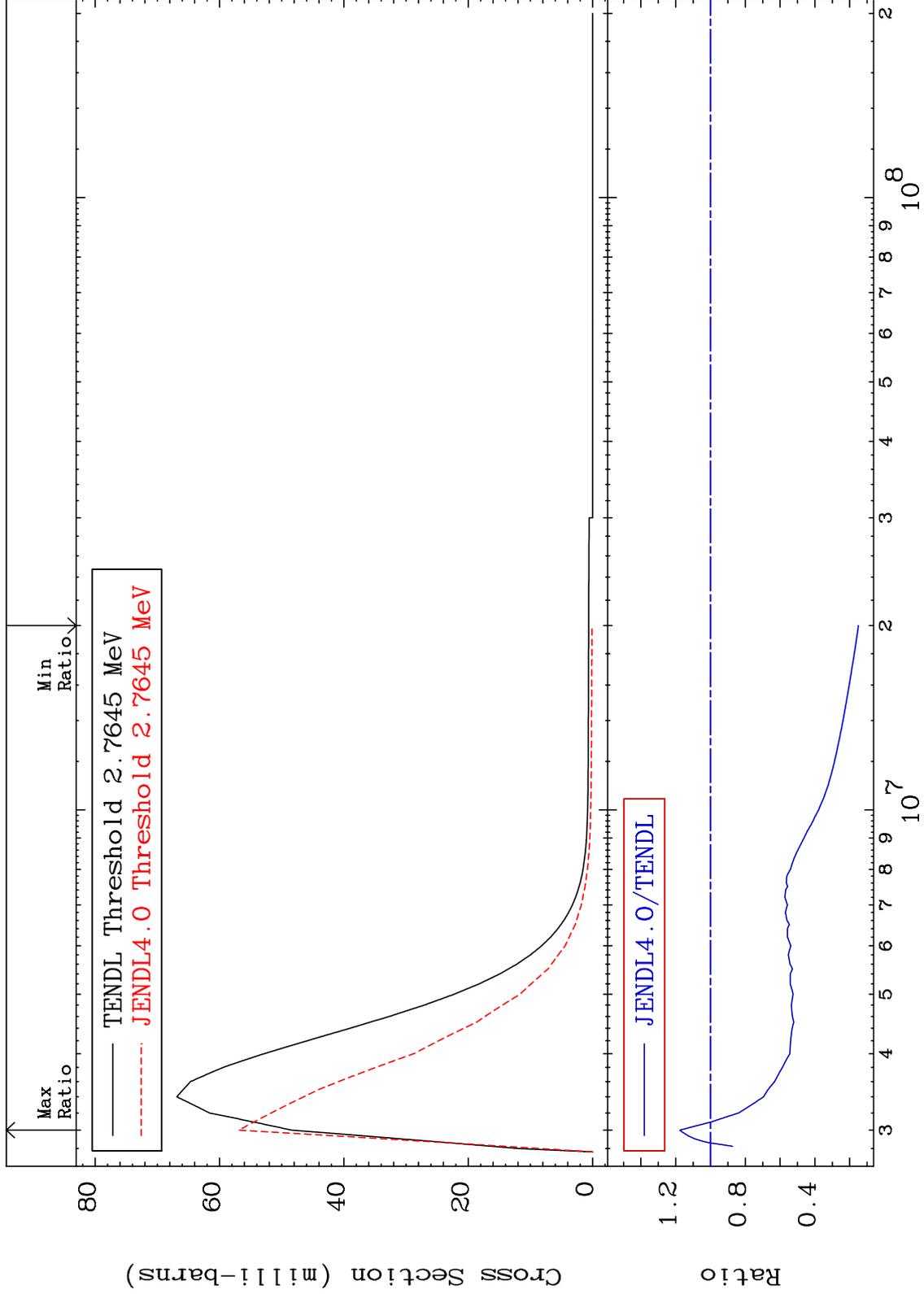
MAT 5067 MT= 71 (n,n') Level Cross Section 50-Sn-126 -79.95 To 33.06 %



MAT 5067

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

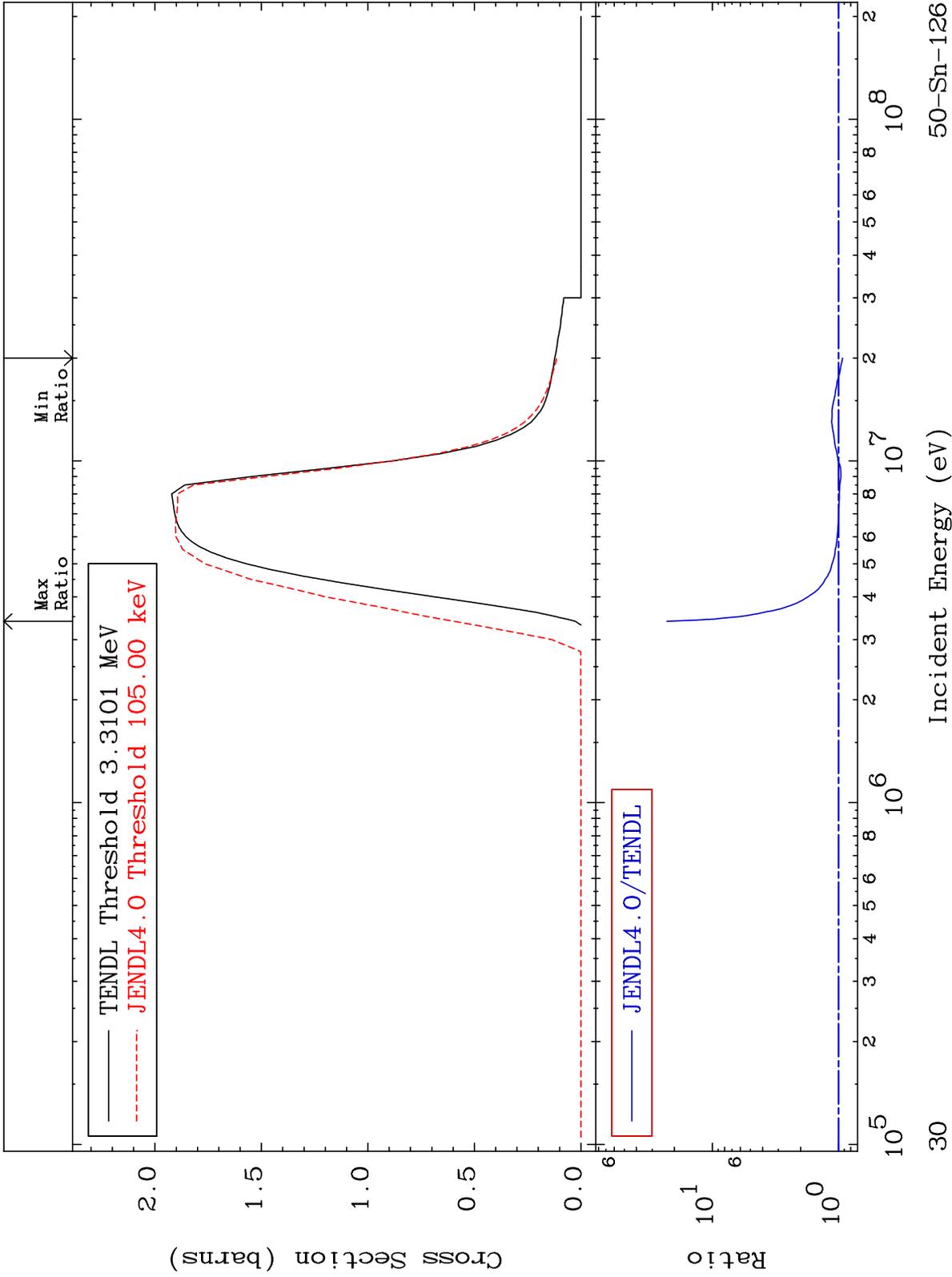
50-Sn-126  
-84.99 To 17.56 %



MAT 5067

(n,n') Continuum  
Cross Section

50-Sn-126  
-7.126 To 2194. %



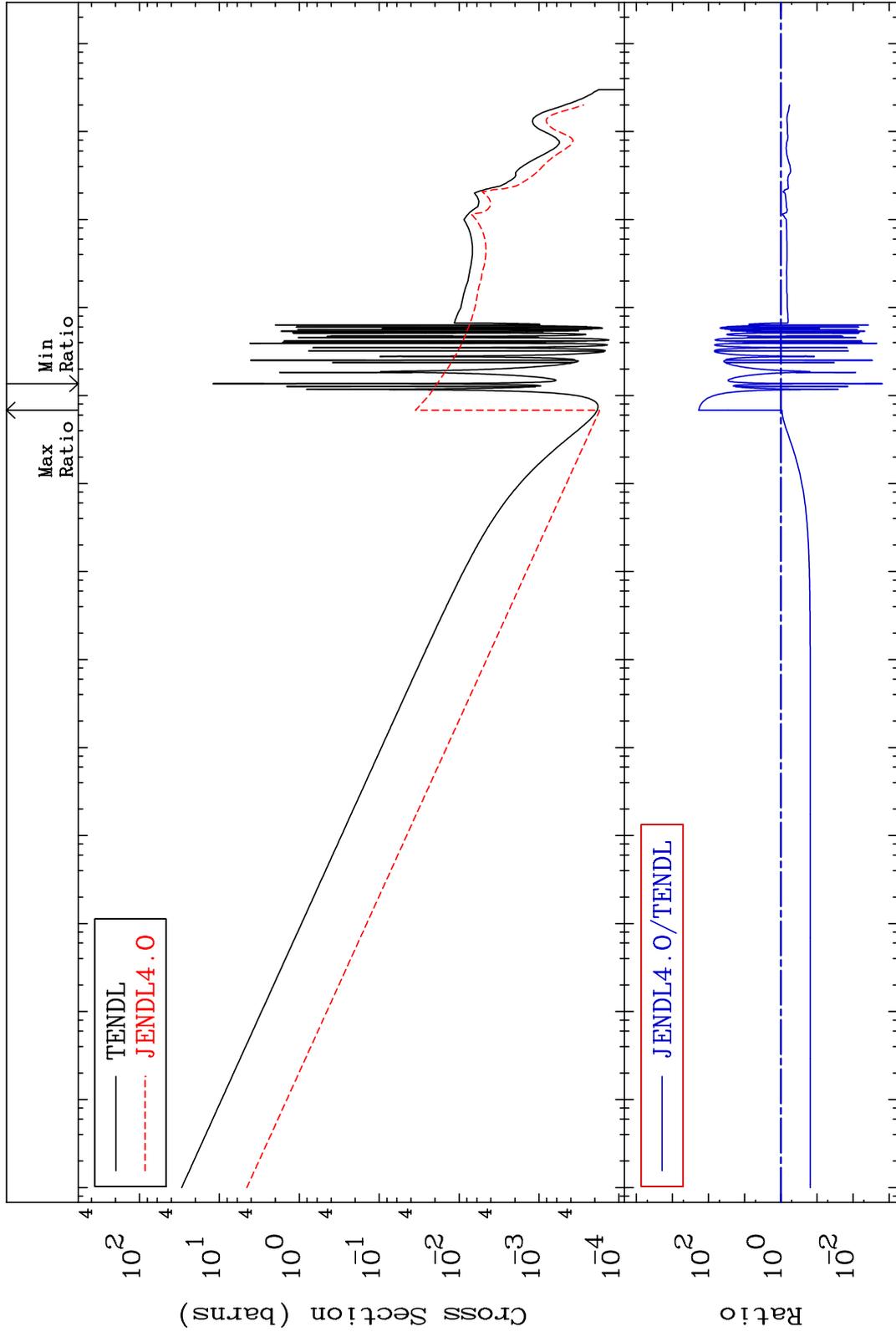
MAT 5067

(n,  $\gamma$ )

50-Sn-126

Cross Section

-99.84 To 9999. %



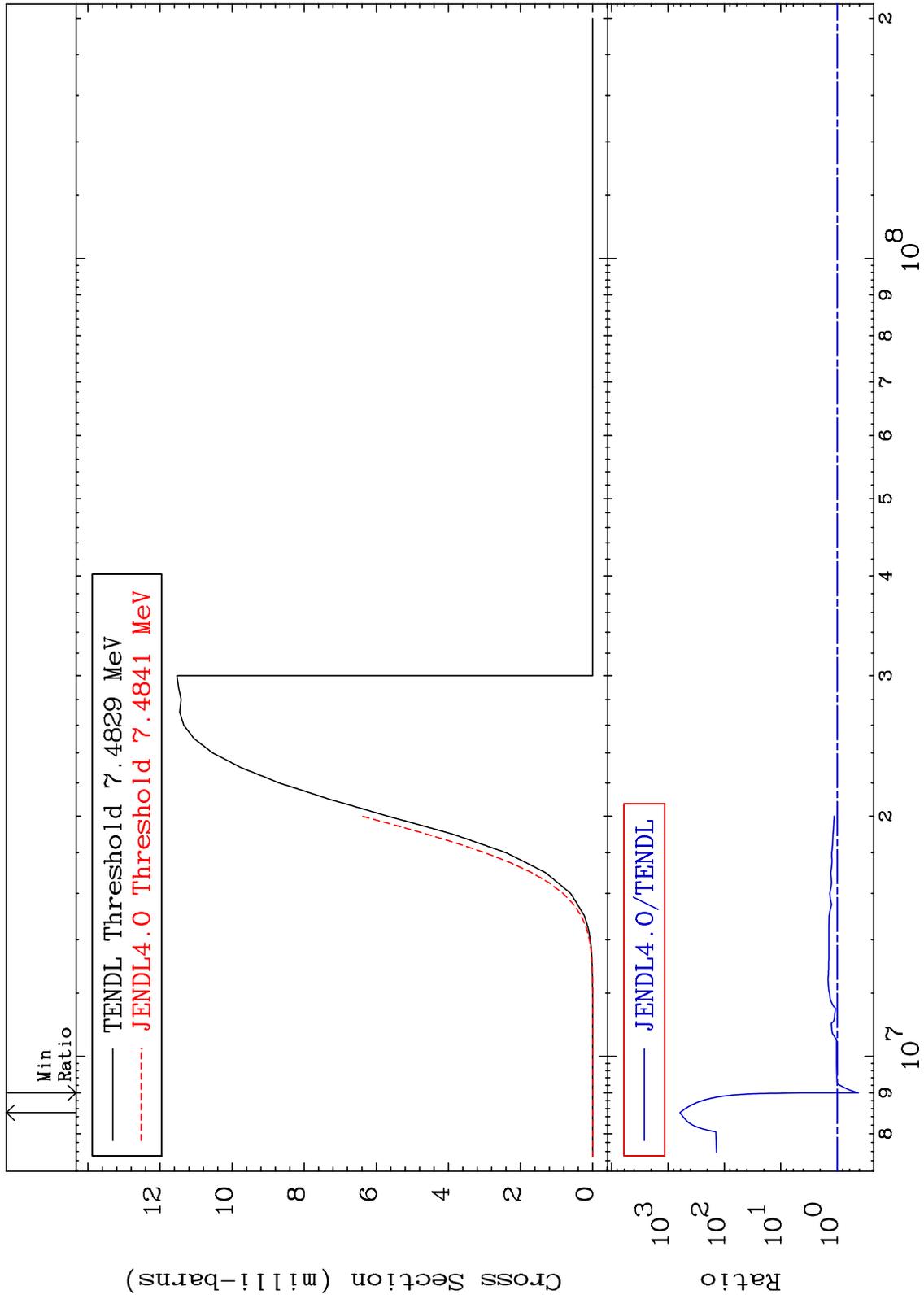
MAT 5067

(n,p)

50-Sn-126

Cross Section

-58.09 To 9999. %



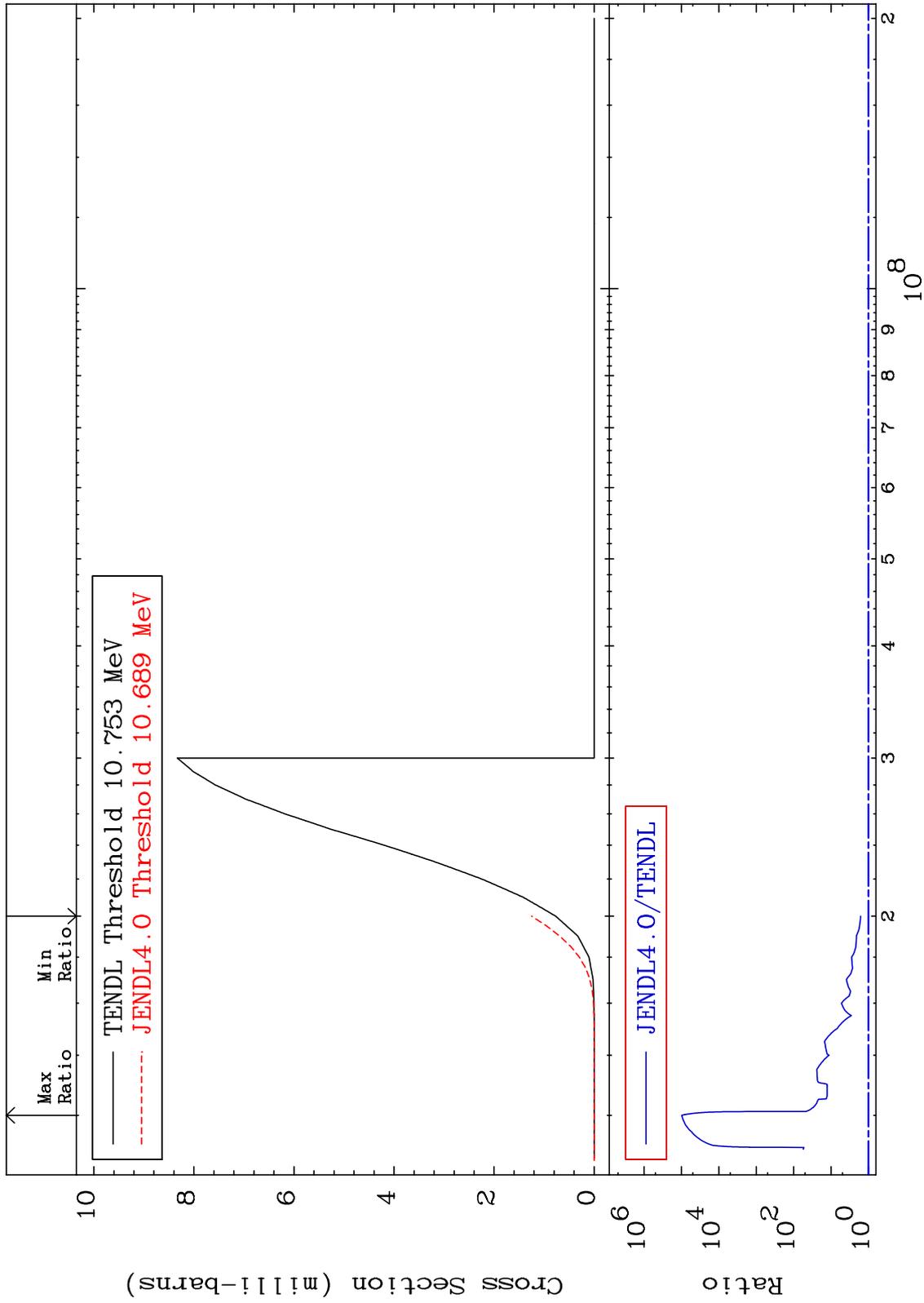
MAT 5067

(n, d)

50-Sn-126

Cross Section

62.38 To 9999. %



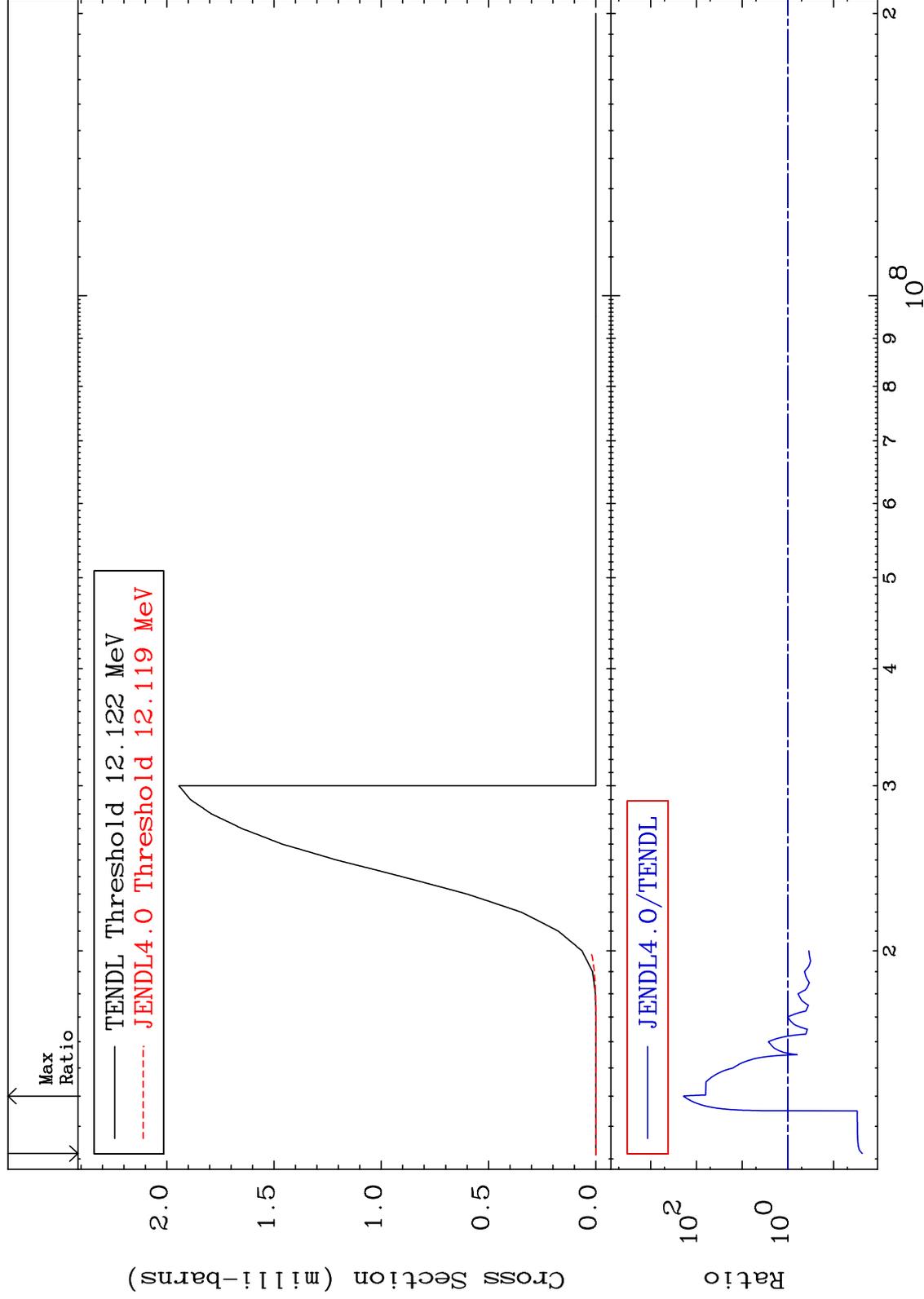
MAT 5067

(n, t)

50-Sn-126

Cross Section

-97.65 To 9999. %



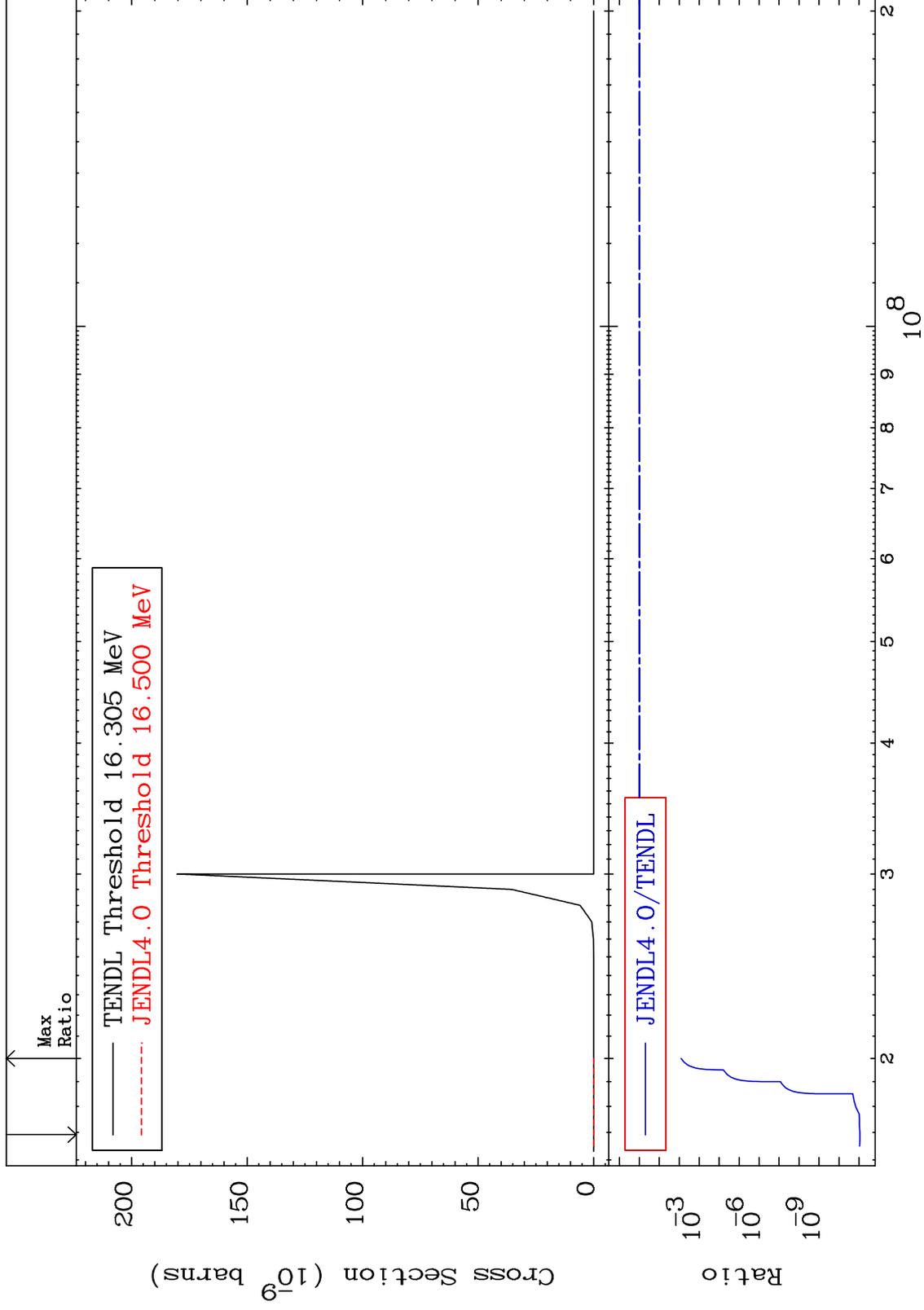
MAT 5067

(n, He-3)

50-Sn-126

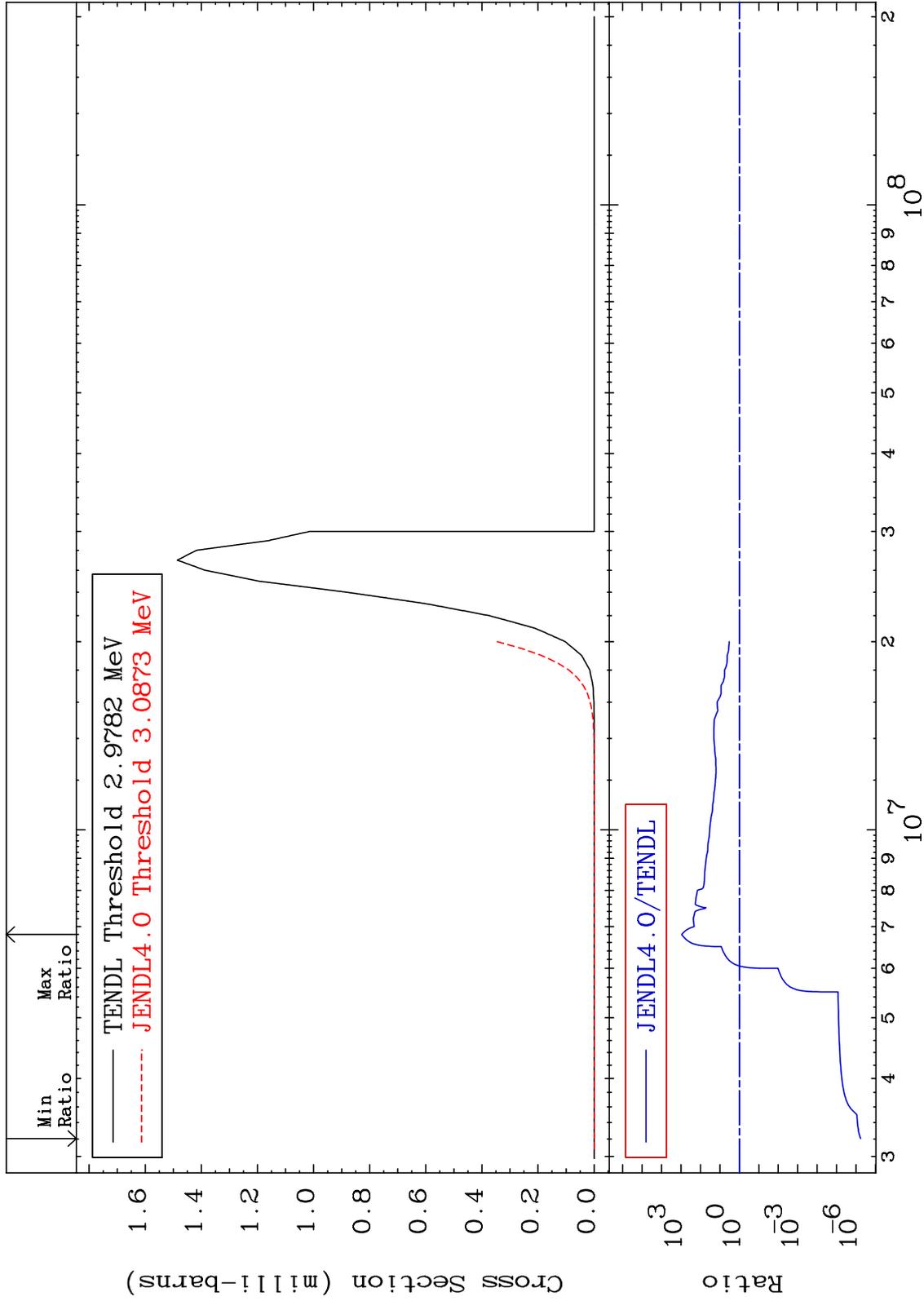
Cross Section

-100.0 To -99.20%



Cross Section

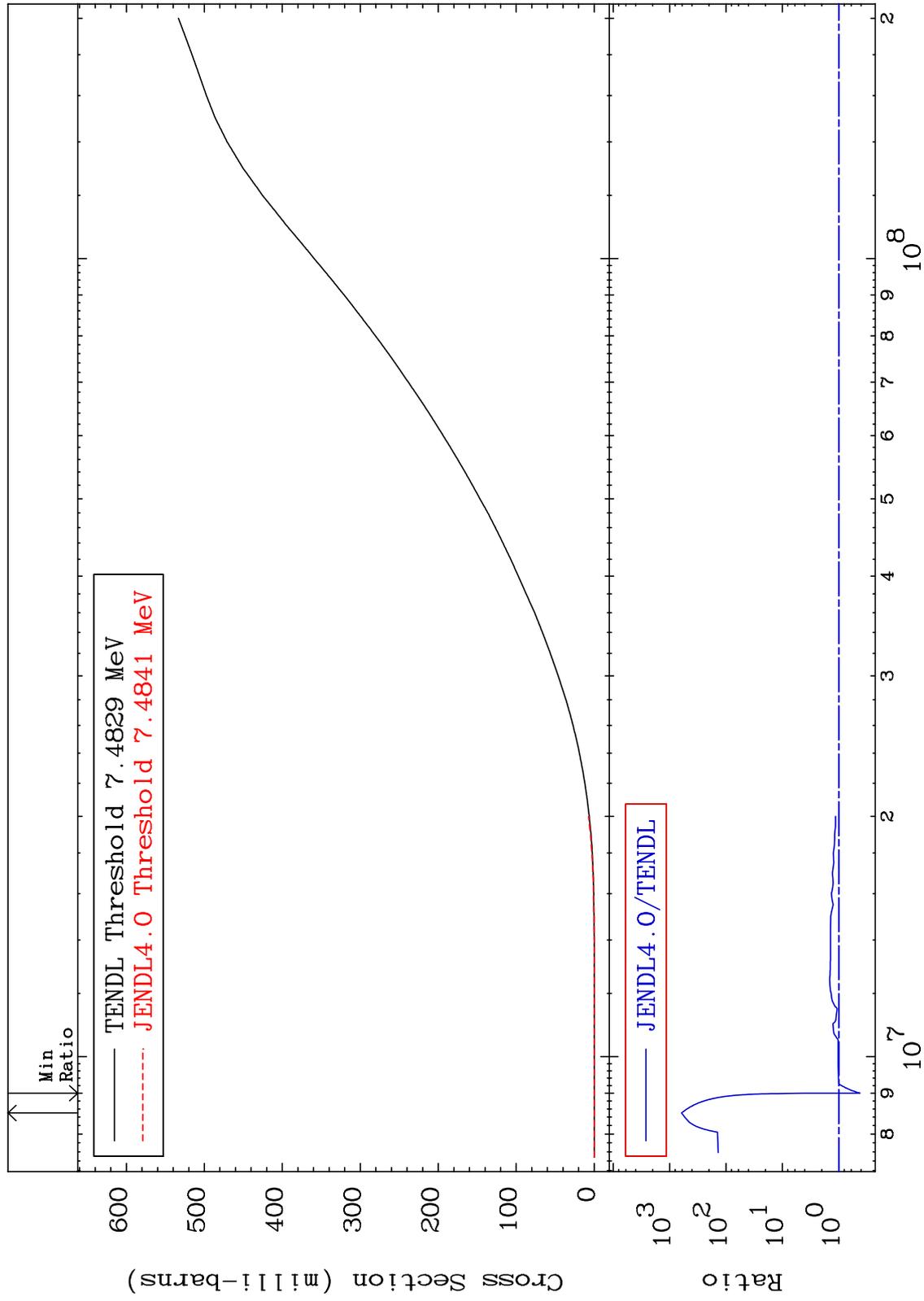
-100.0 To 9999. %



MAT 5067

Hydrogen Production  
Cross Section

50-Sn-126  
-58.09 To 9999. %



37

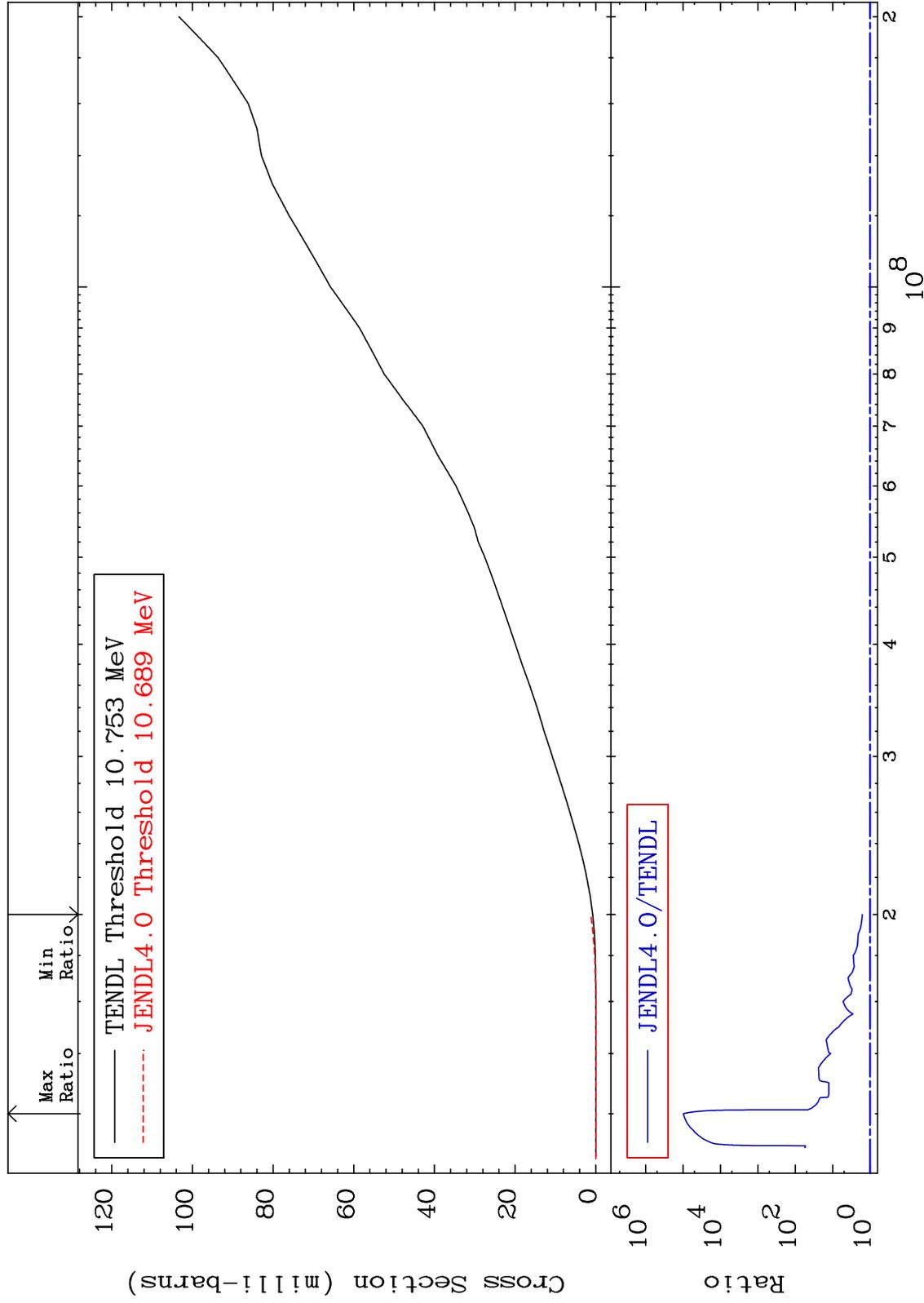
Incident Energy (eV)

50-Sn-126

MAT 5067

Deuterium Production  
Cross Section

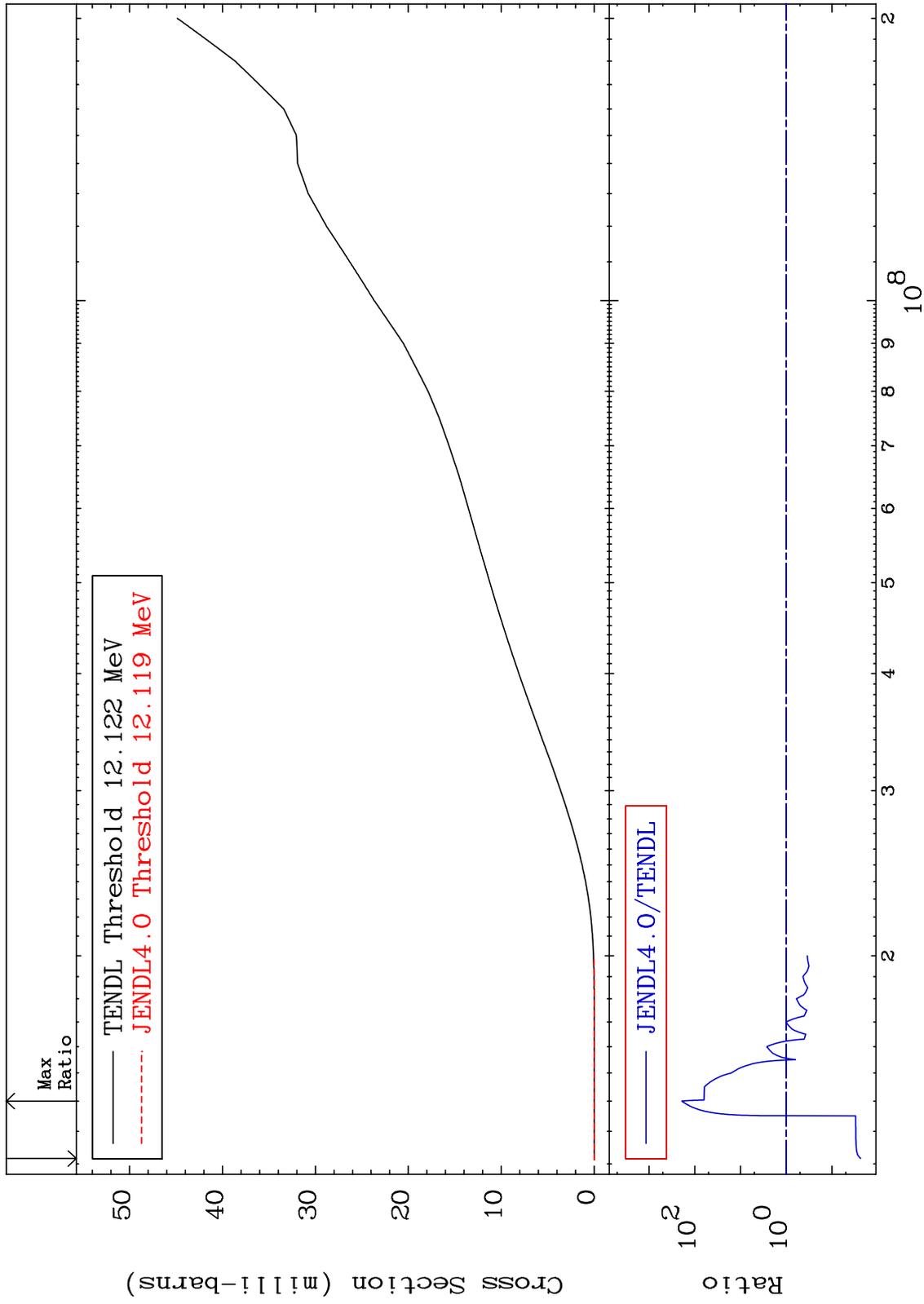
50-Sn-126  
62.38 To 9999. %



MAT 5067

Tritium Production  
Cross Section

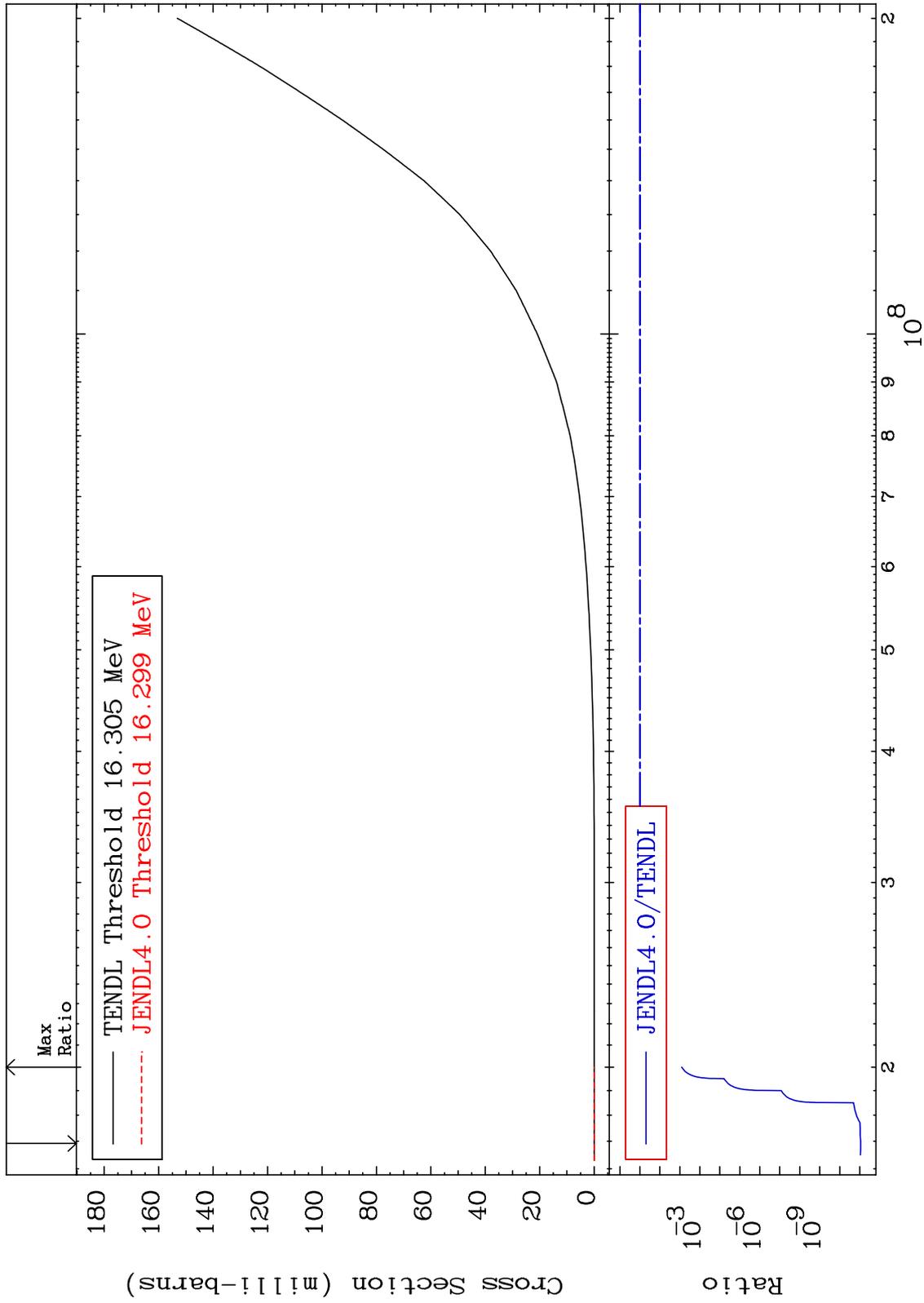
50-Sn-126  
-97.65 To 9999. %



MAT 5067

He-3 Production  
Cross Section

50-Sn-126  
-100.0 To -99.20%



40

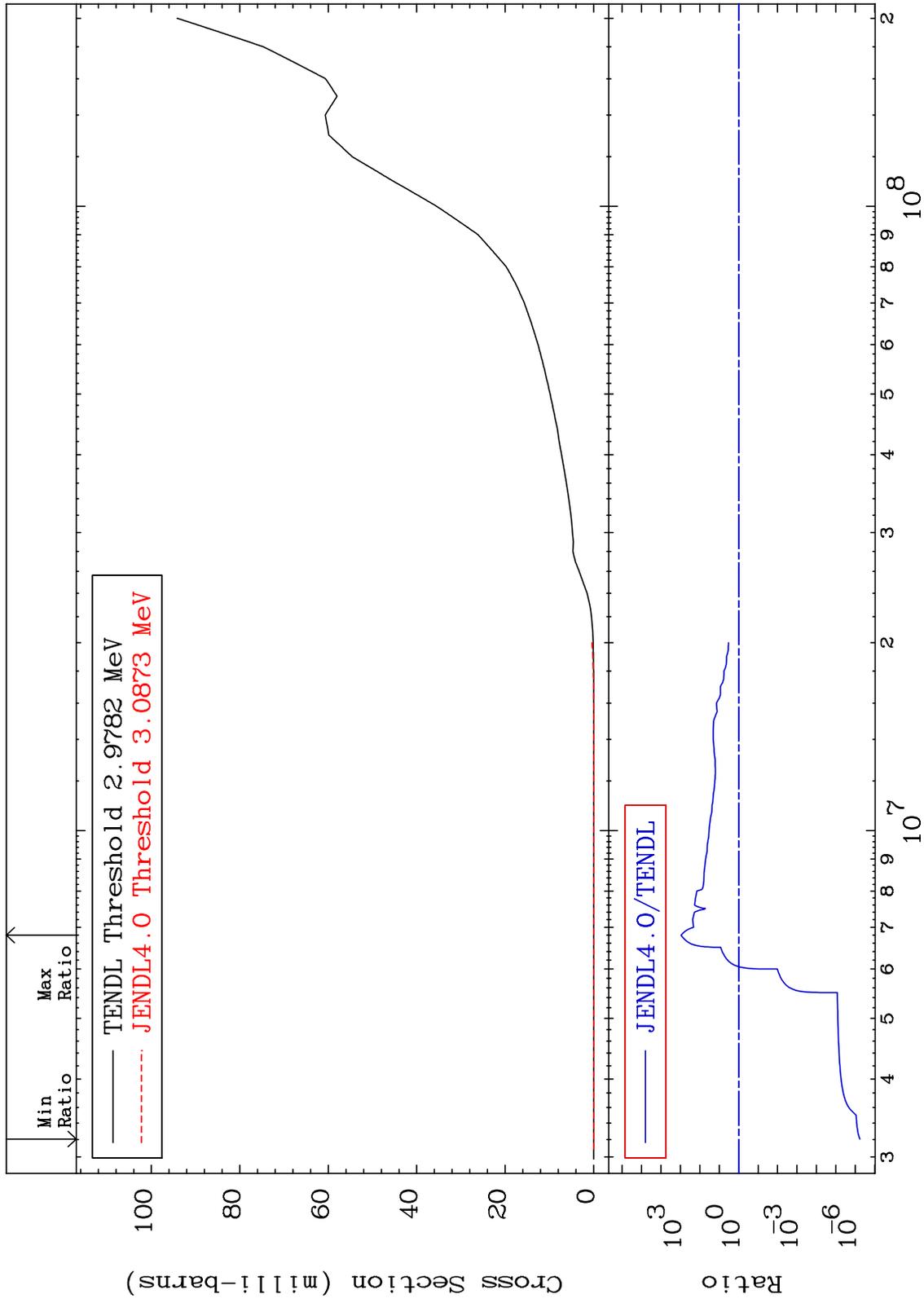
Incident Energy (eV)

50-Sn-126

MAT 5067

He-4 Production  
Cross Section

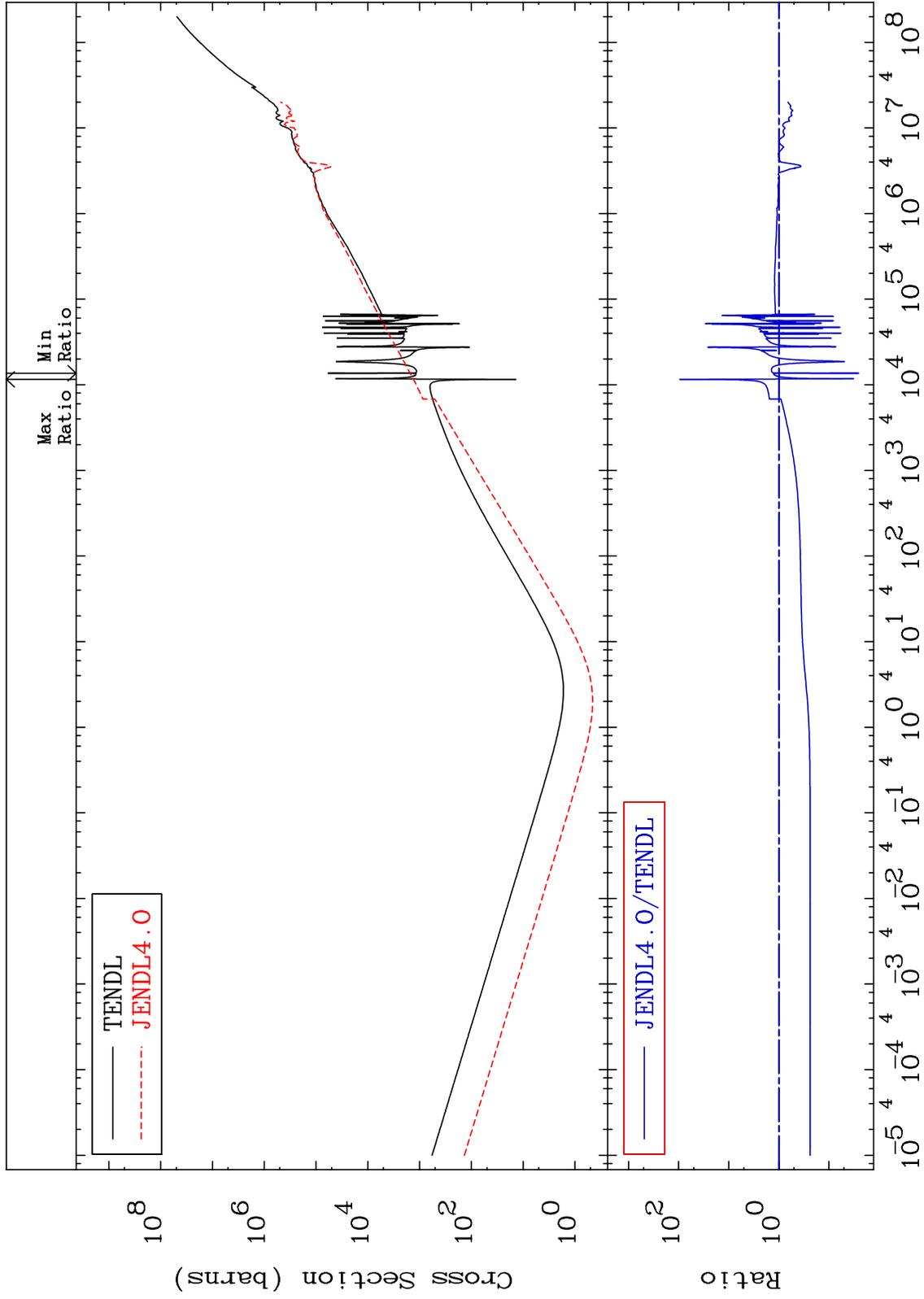
50-Sn-126  
-100.0 To 9999. %



MAT 5067

Kerma total (eV-barns)  
Cross Section

50-Sn-126  
-97.41 To 9327. %



42

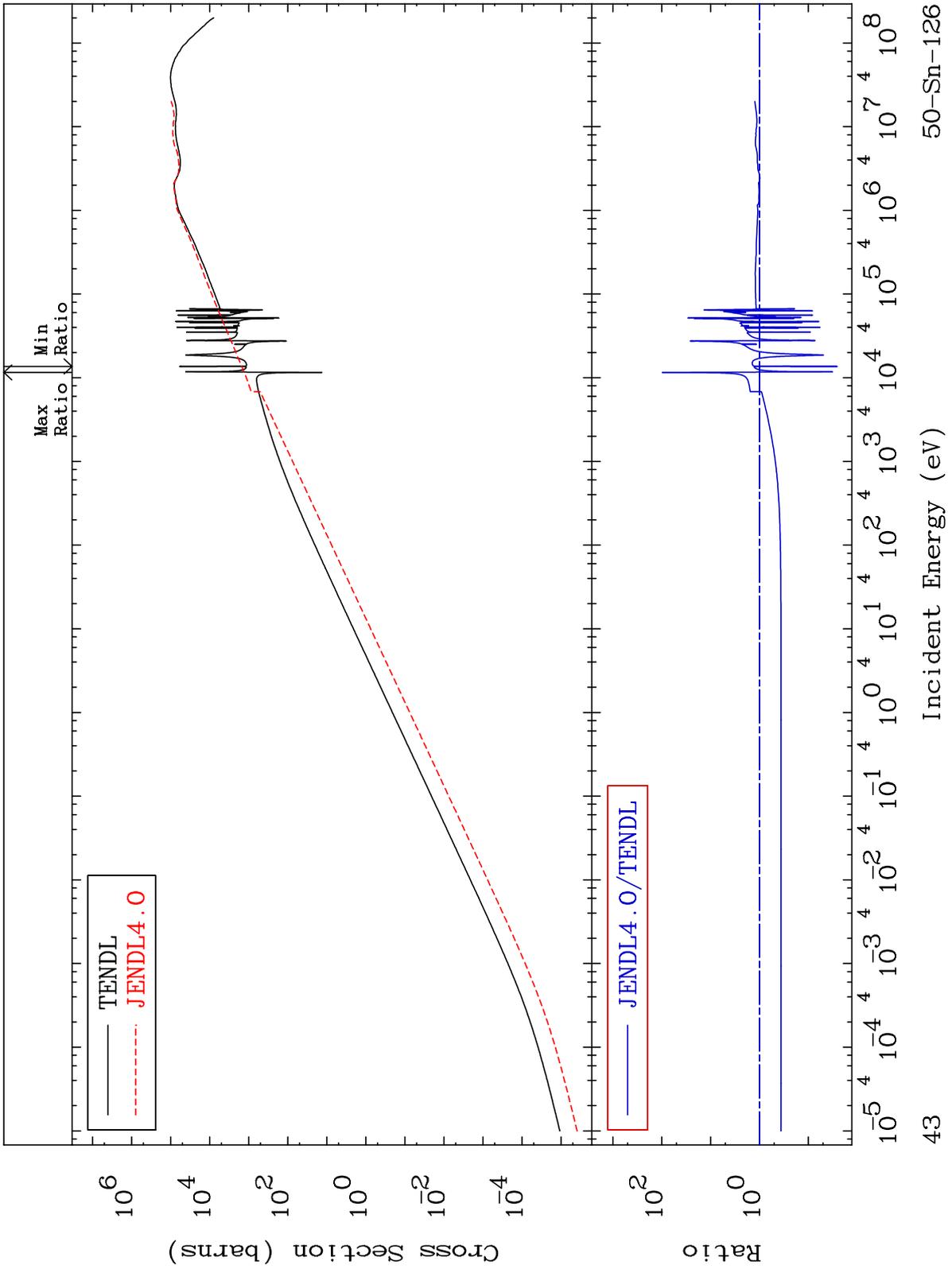
Incident Energy (eV)

50-Sn-126

MAT 5067

Kerma elastic  
Cross Section

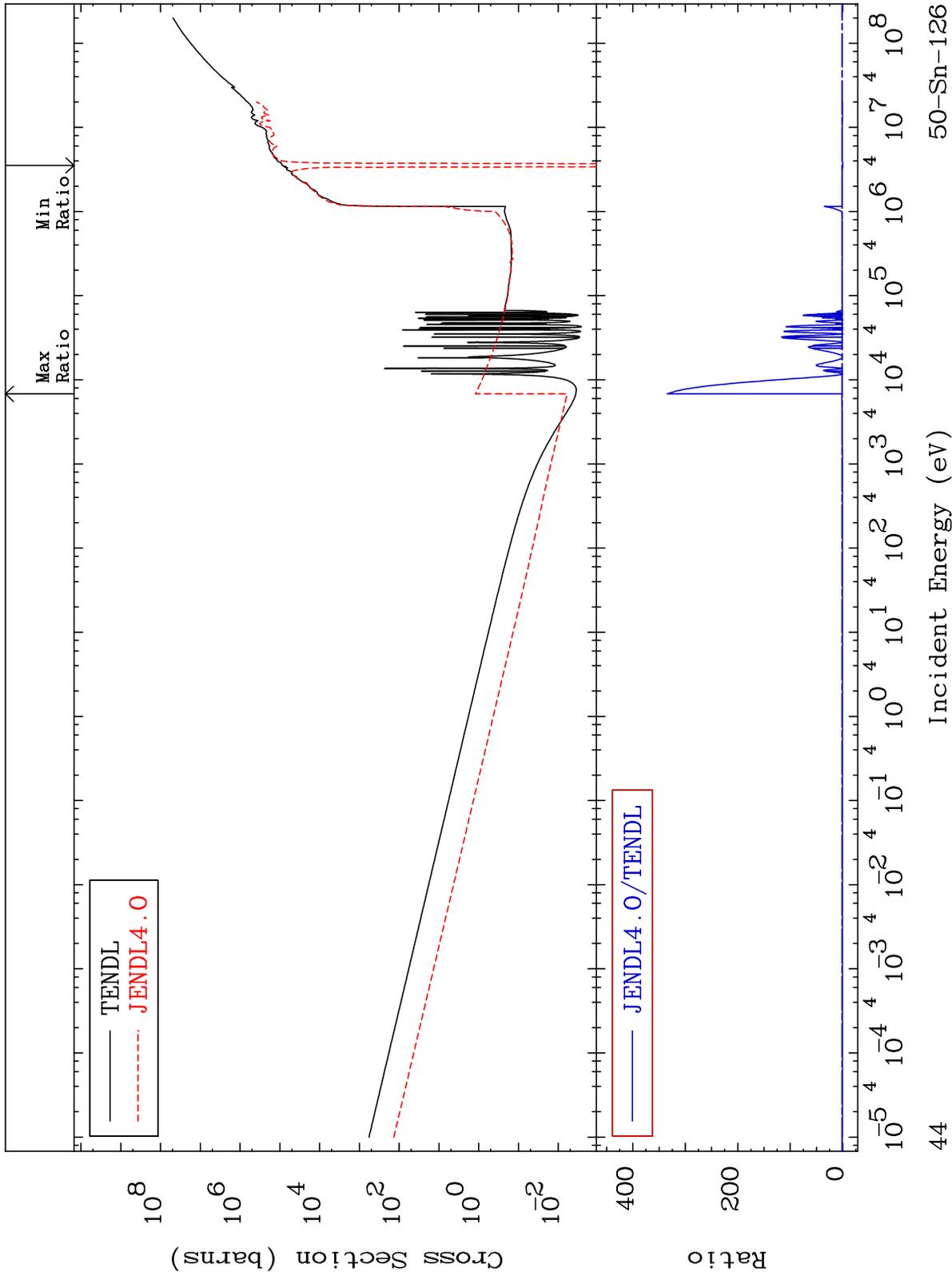
50-Sn-126  
-97.40 To 9547. %



MAT 5067

Kerma non-elastic (all but mt2)  
Cross Section

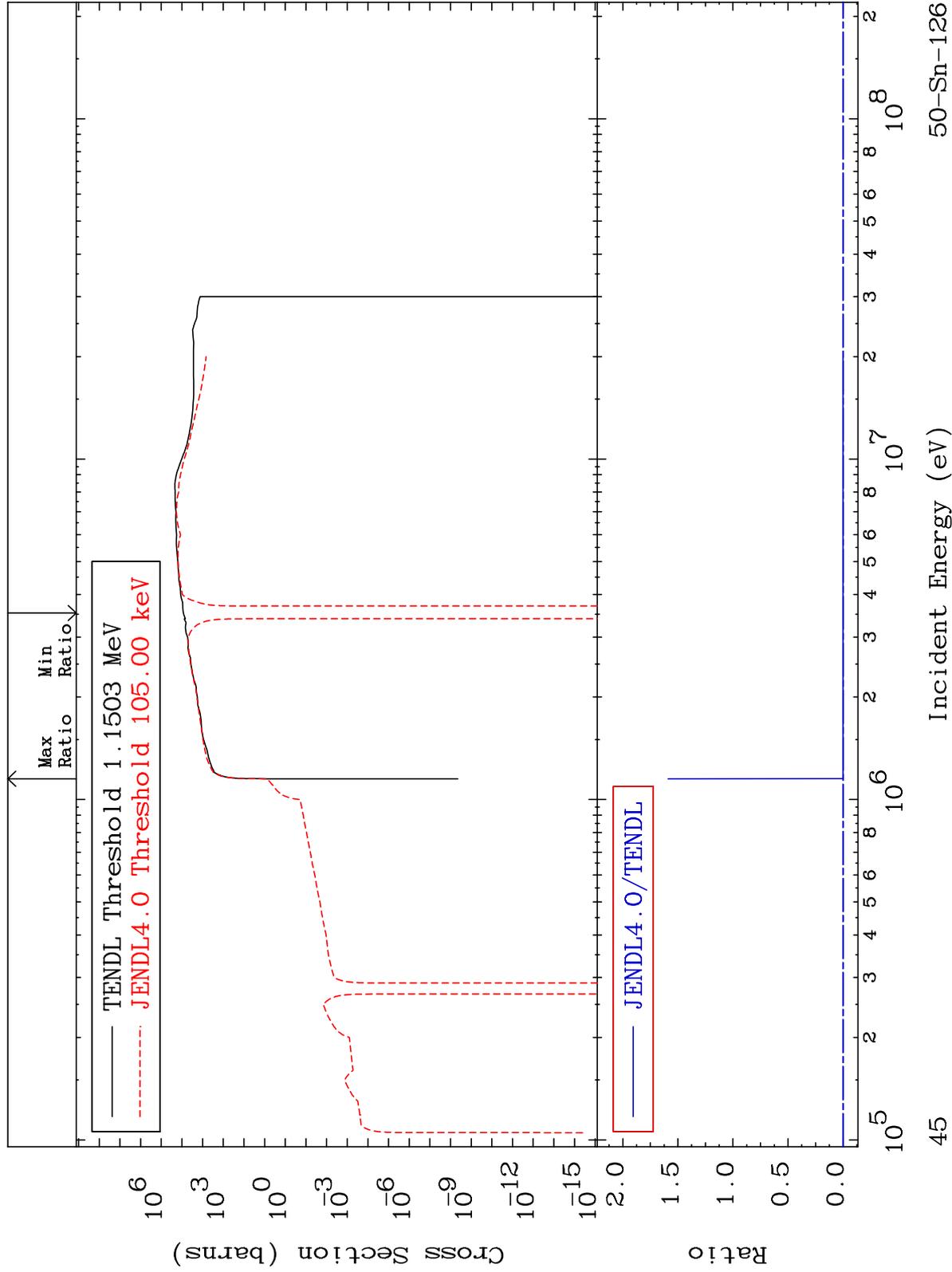
50-Sn-126  
-111.6 To 9999. %



MAT 5067

Kerma inelastic (mt51-91)  
Cross Section

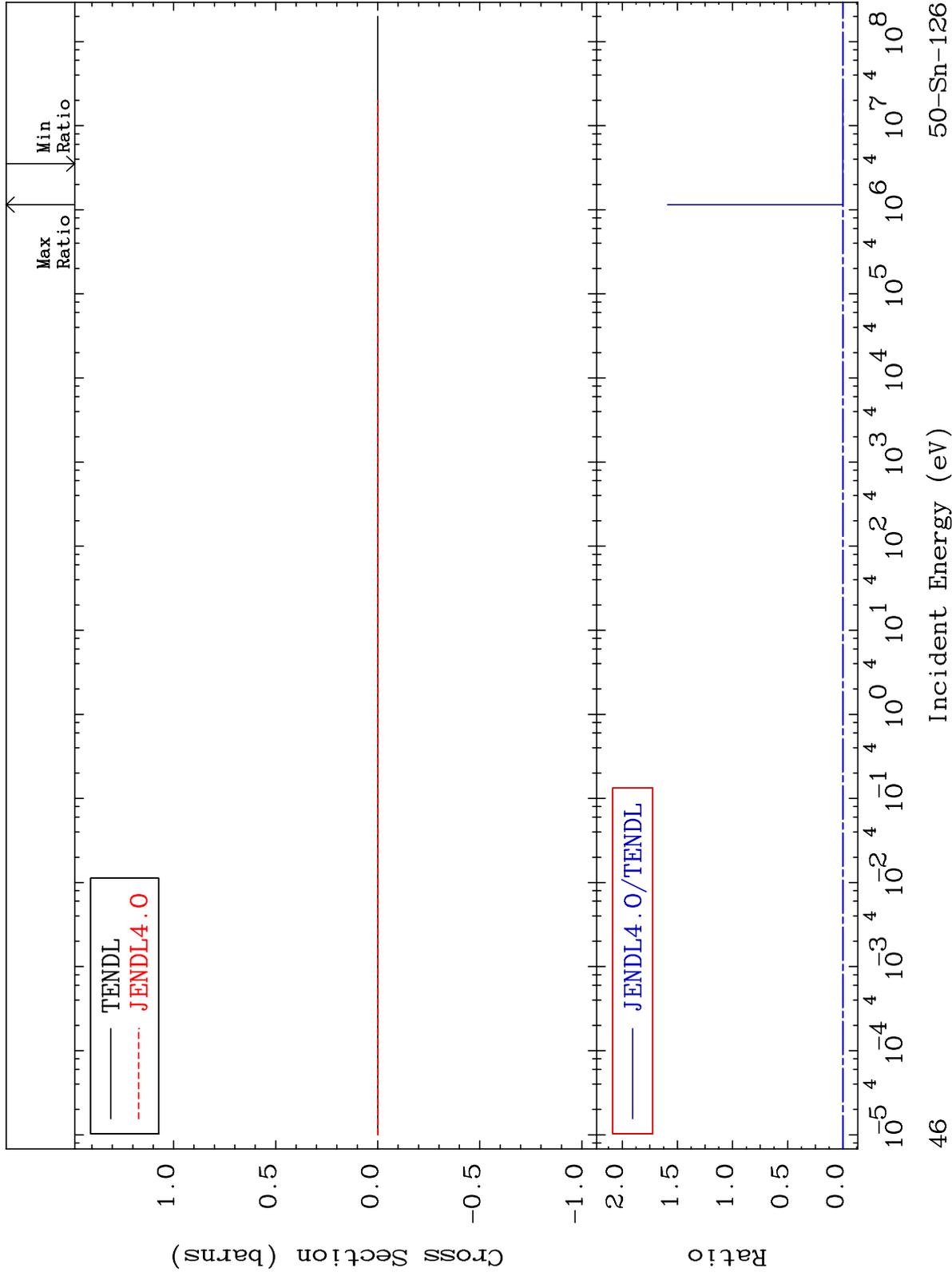
50-Sn-126  
-111.6 To 9999. %



MAT 5067

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

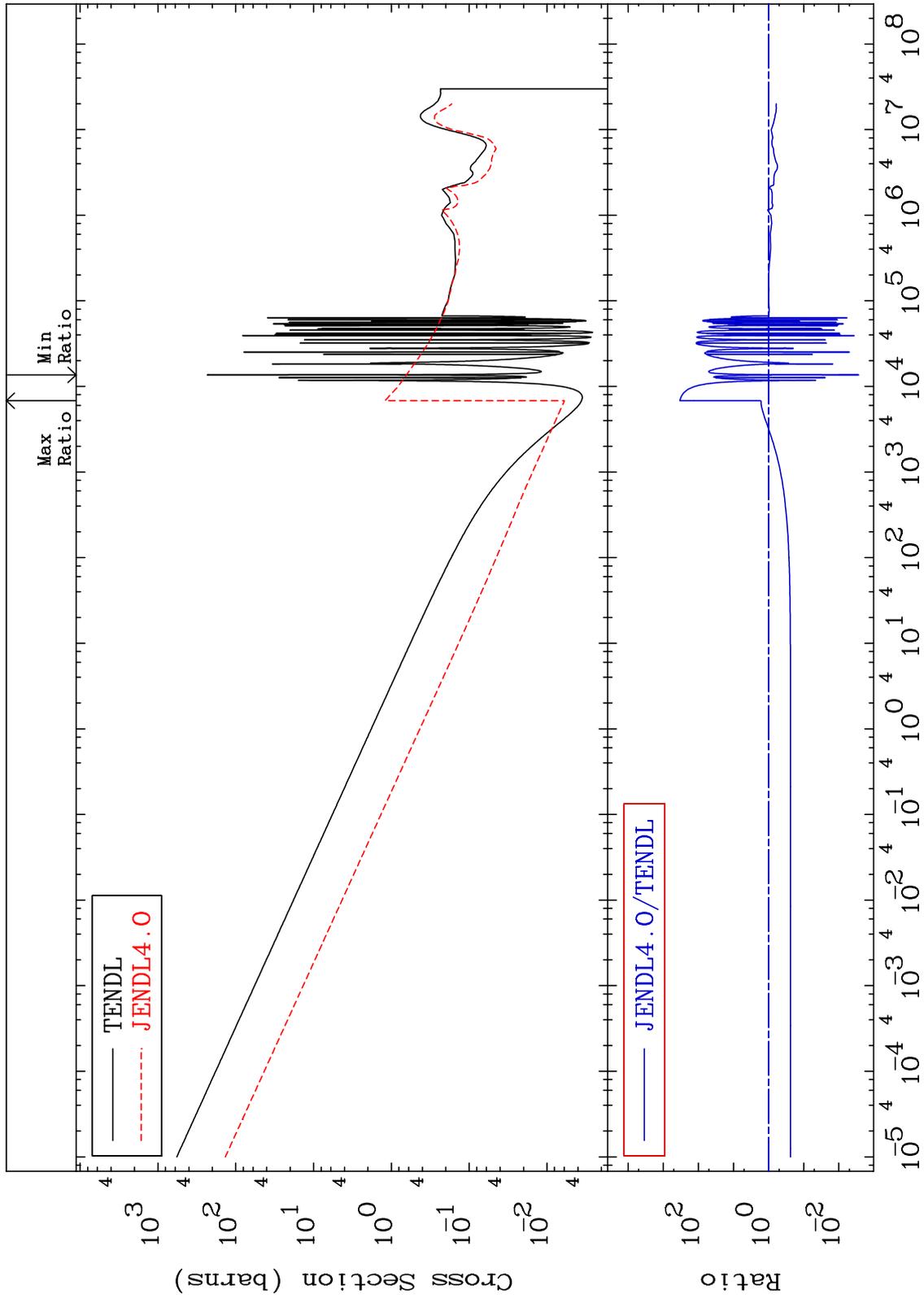
50-Sn-126  
-111.6 To 9999. %



MAT 5067

Kerma capture (mt102)  
Cross Section

50-Sn-126  
-99.72 To 9999. %



47

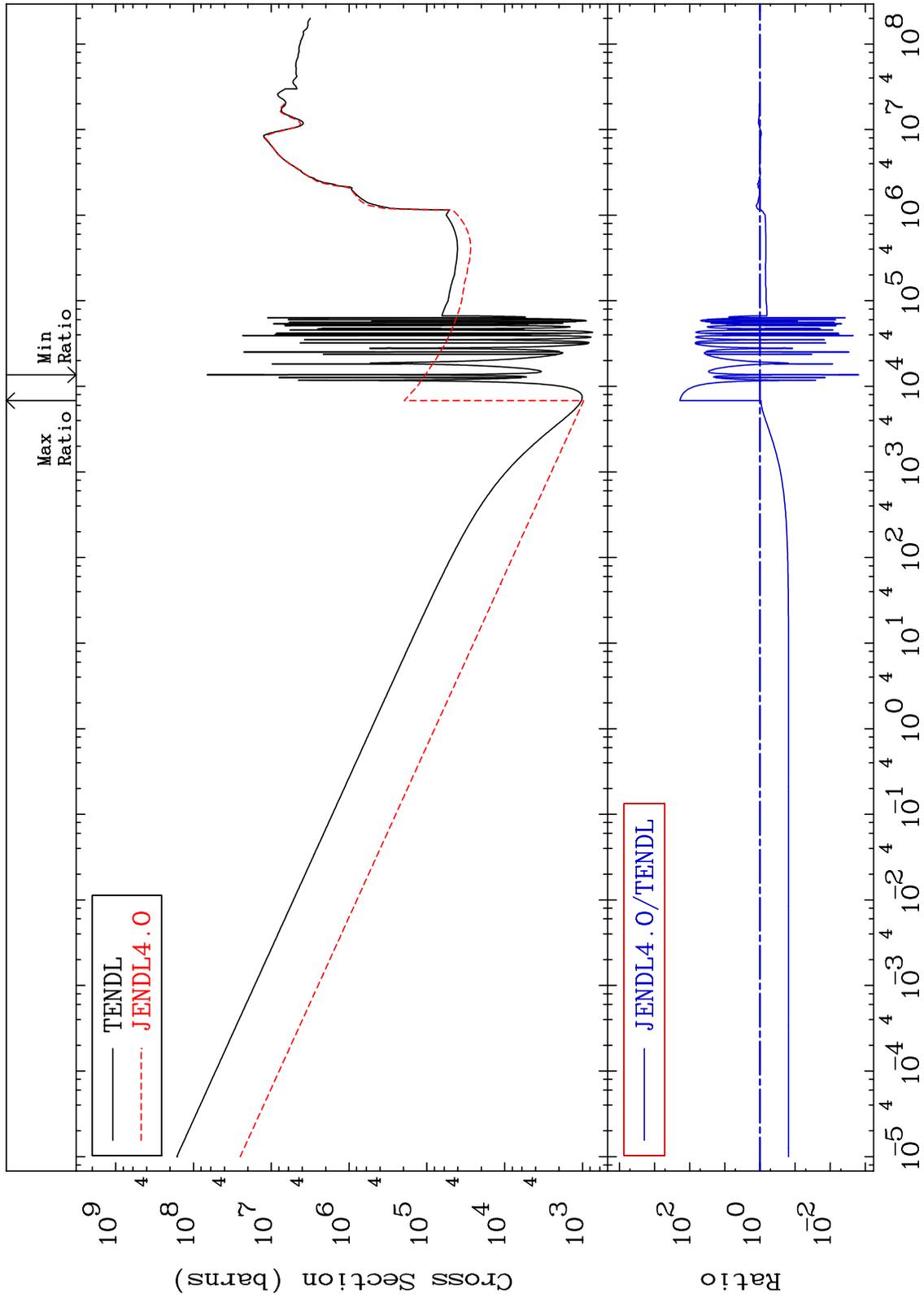
Incident Energy (eV)

50-Sn-126

MAT 5067

Total photon (eV-barns)  
Cross Section

50-Sn-126  
-99.84 To 9999. %



48

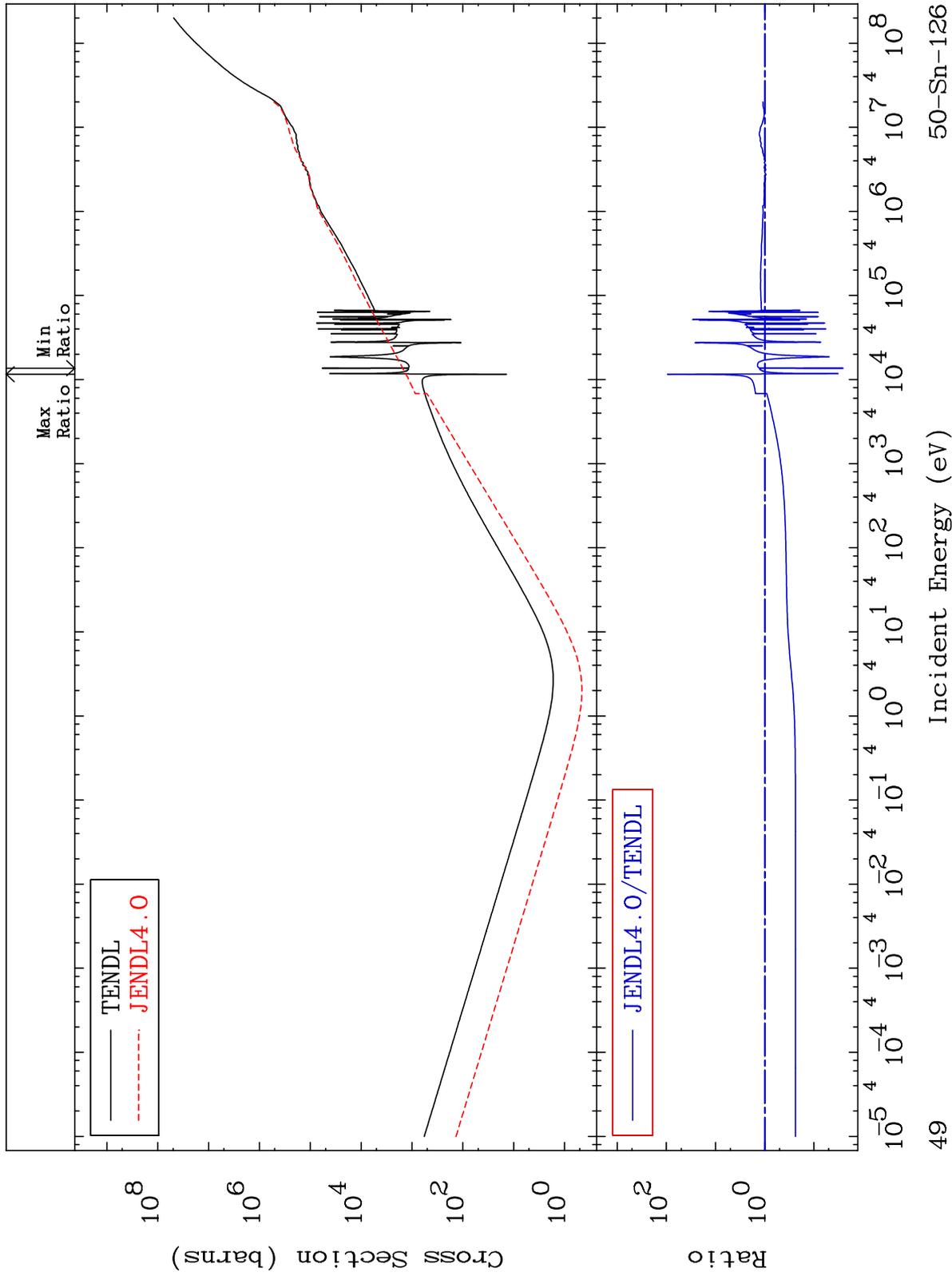
Incident Energy (eV)

50-Sn-126

MAT 5067

Total kinematic kerma (high limit)  
Cross Section

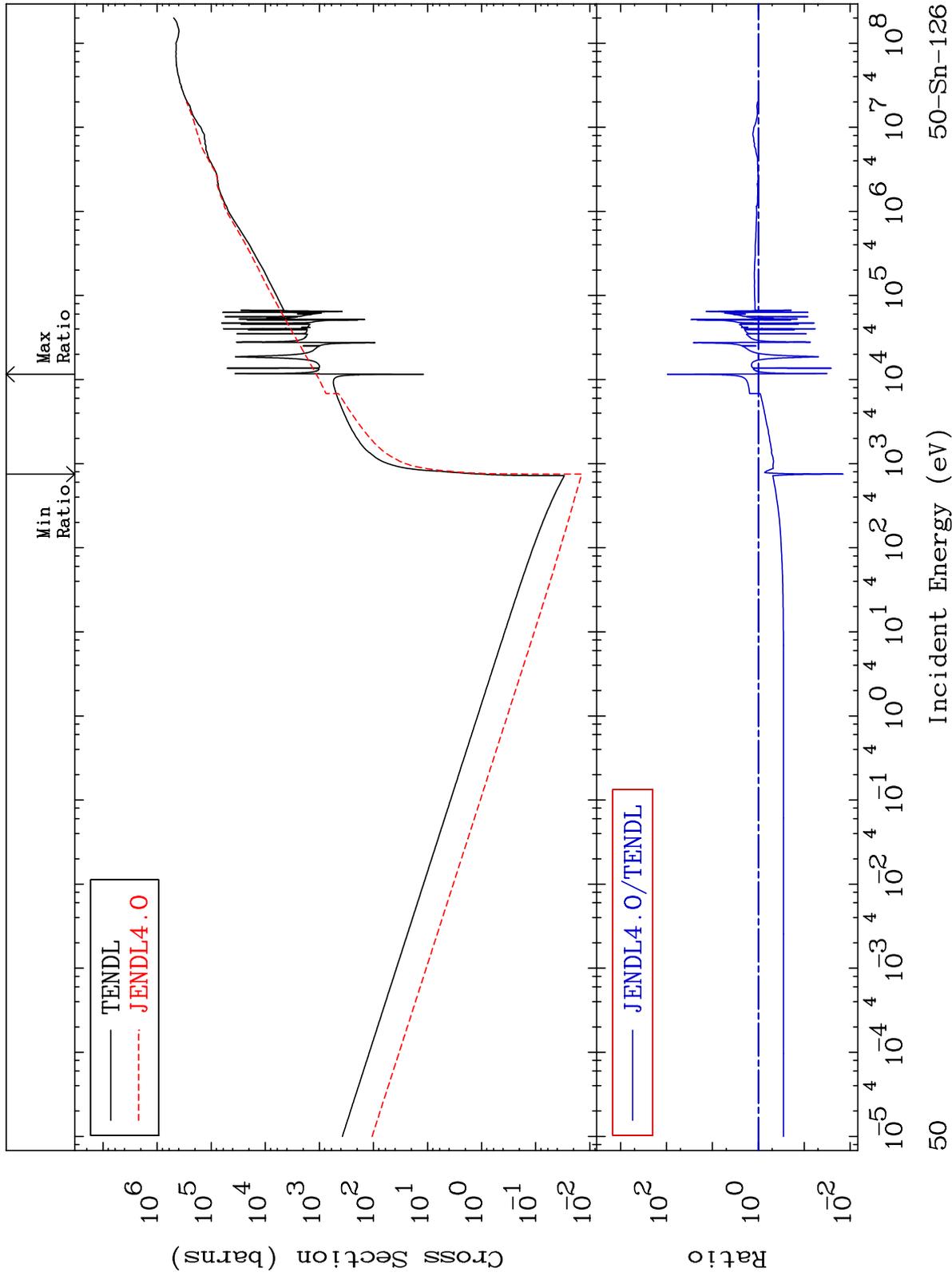
50-Sn-126  
-97.41 To 9327. %



MAT 5067

Dpa total (eV-barns)  
Cross Section

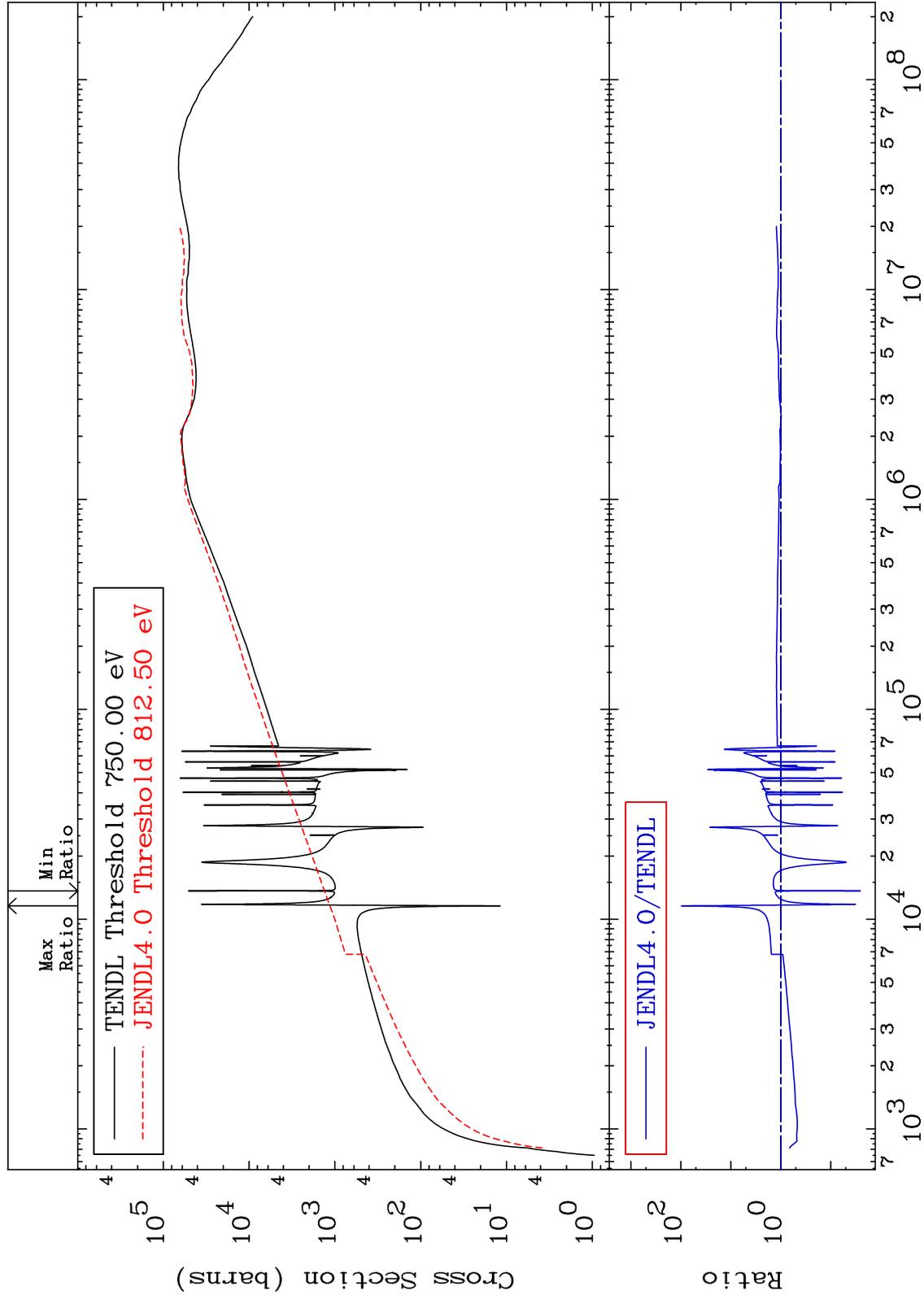
50-Sn-126  
-98.57 To 9376. %



MAT 5067

Dpa elastic (mt2)  
Cross Section

50-Sn-126  
-97.41 To 9541. %



51

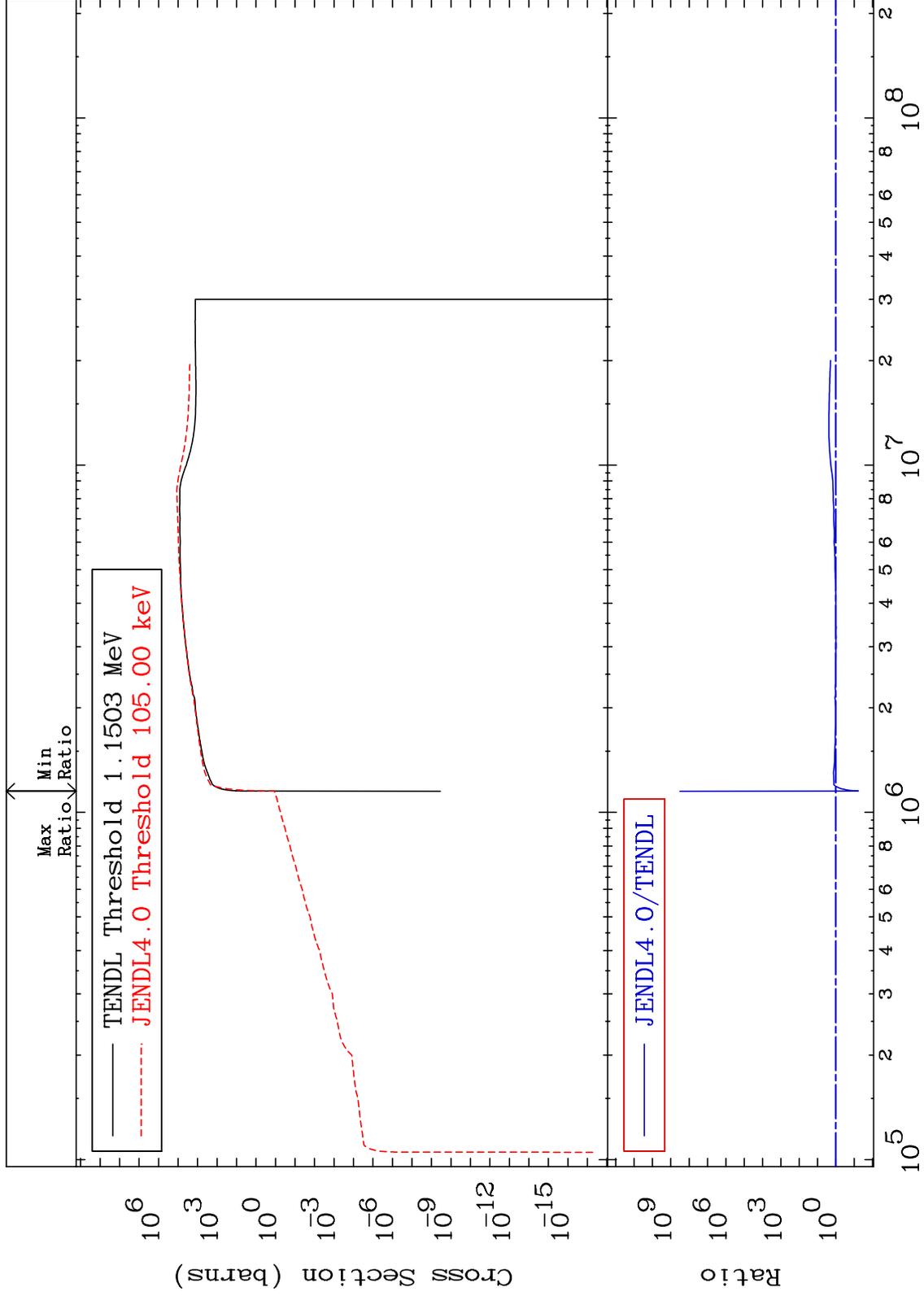
Incident Energy (eV)

50-Sn-126

MAT 5067

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-126  
-94.07 To 9999. %



52

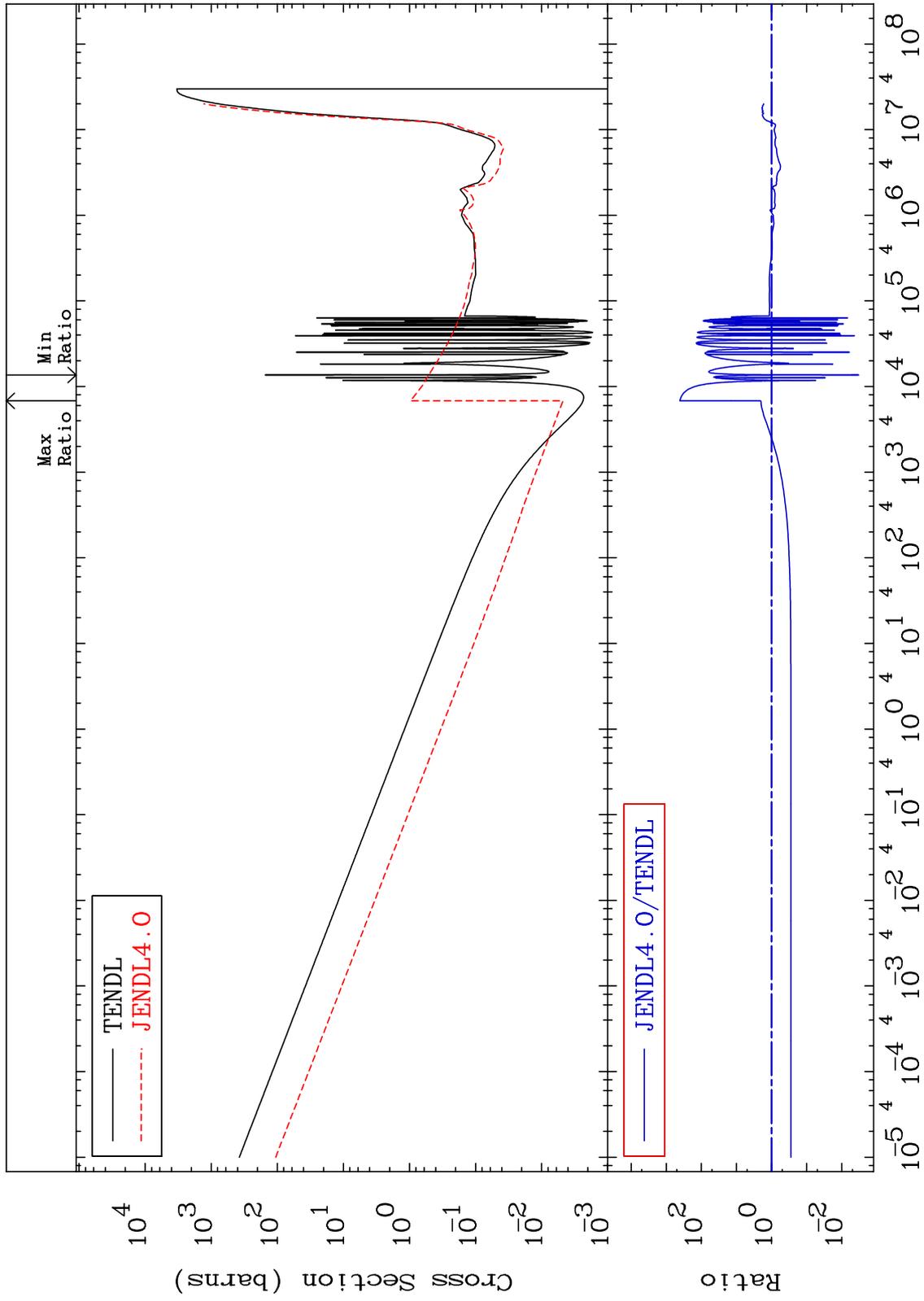
Incident Energy (eV)

50-Sn-126

MAT 5067

Dpa disappearance (mt102 -120)  
Cross Section

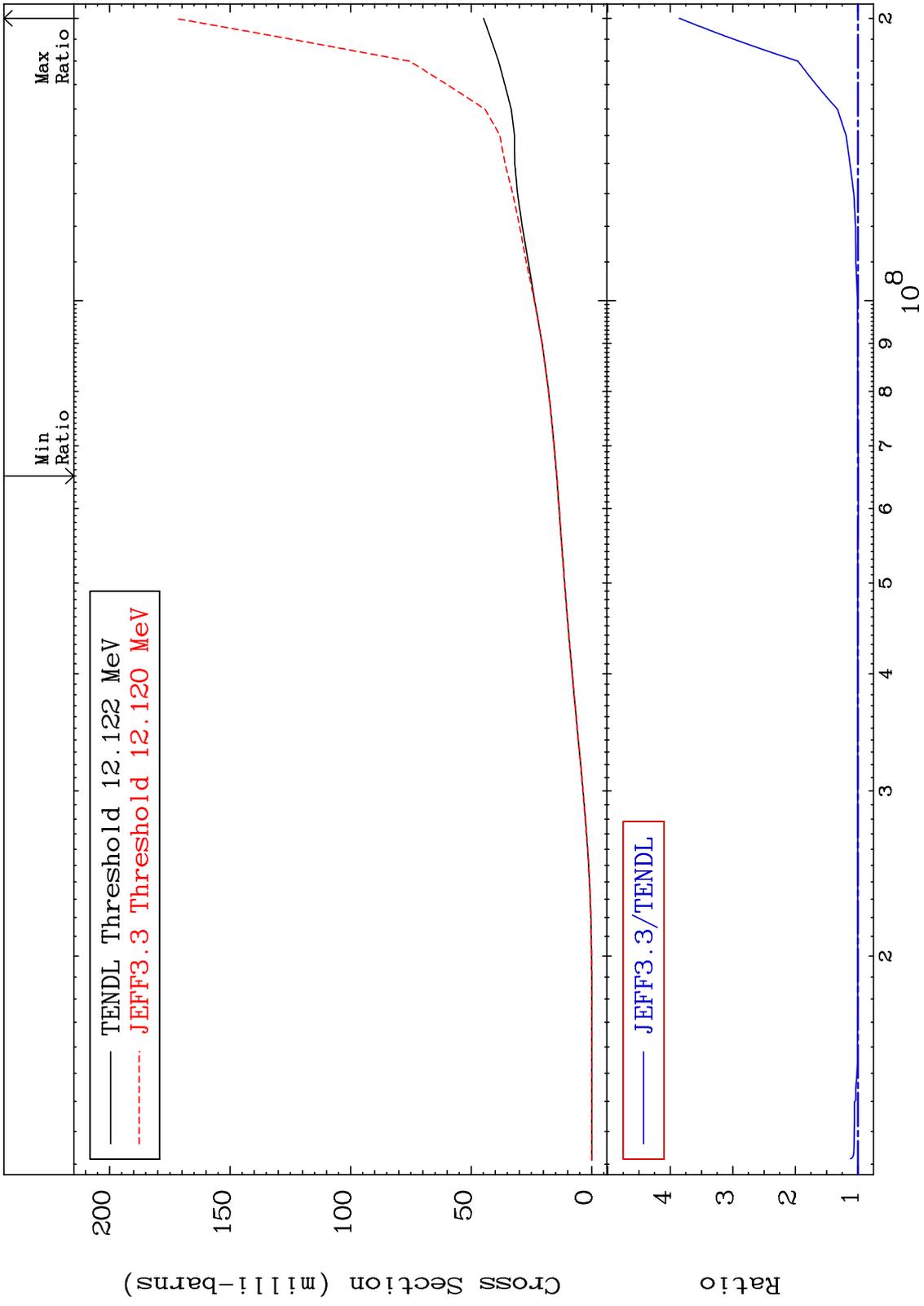
50-Sn-126  
-99.66 To 9999. %



MAT 5067

Tritium Production  
Cross Section

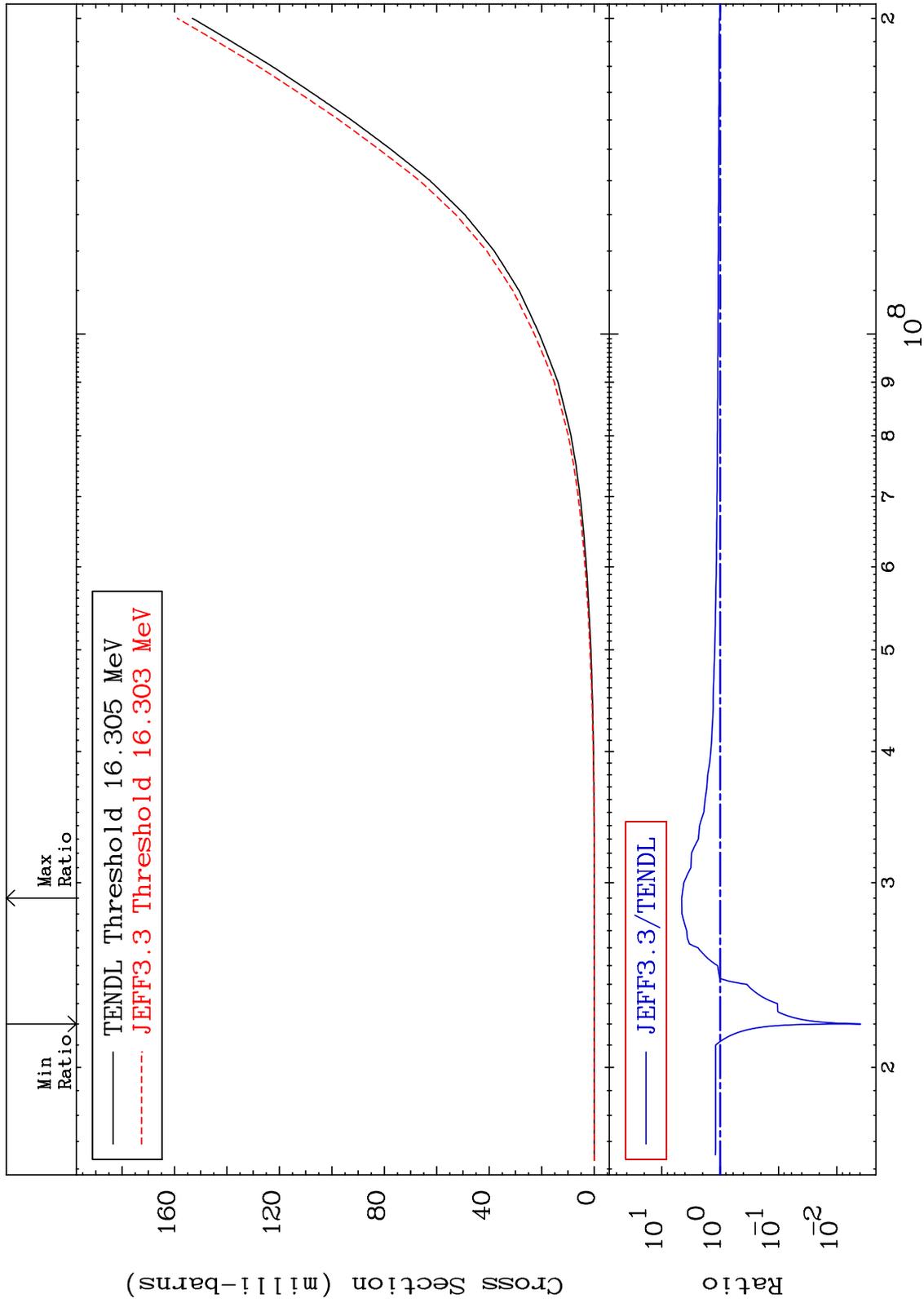
50-Sn-126  
-0.588 To 285.5 %



MAT 5067

He-3 Production  
Cross Section

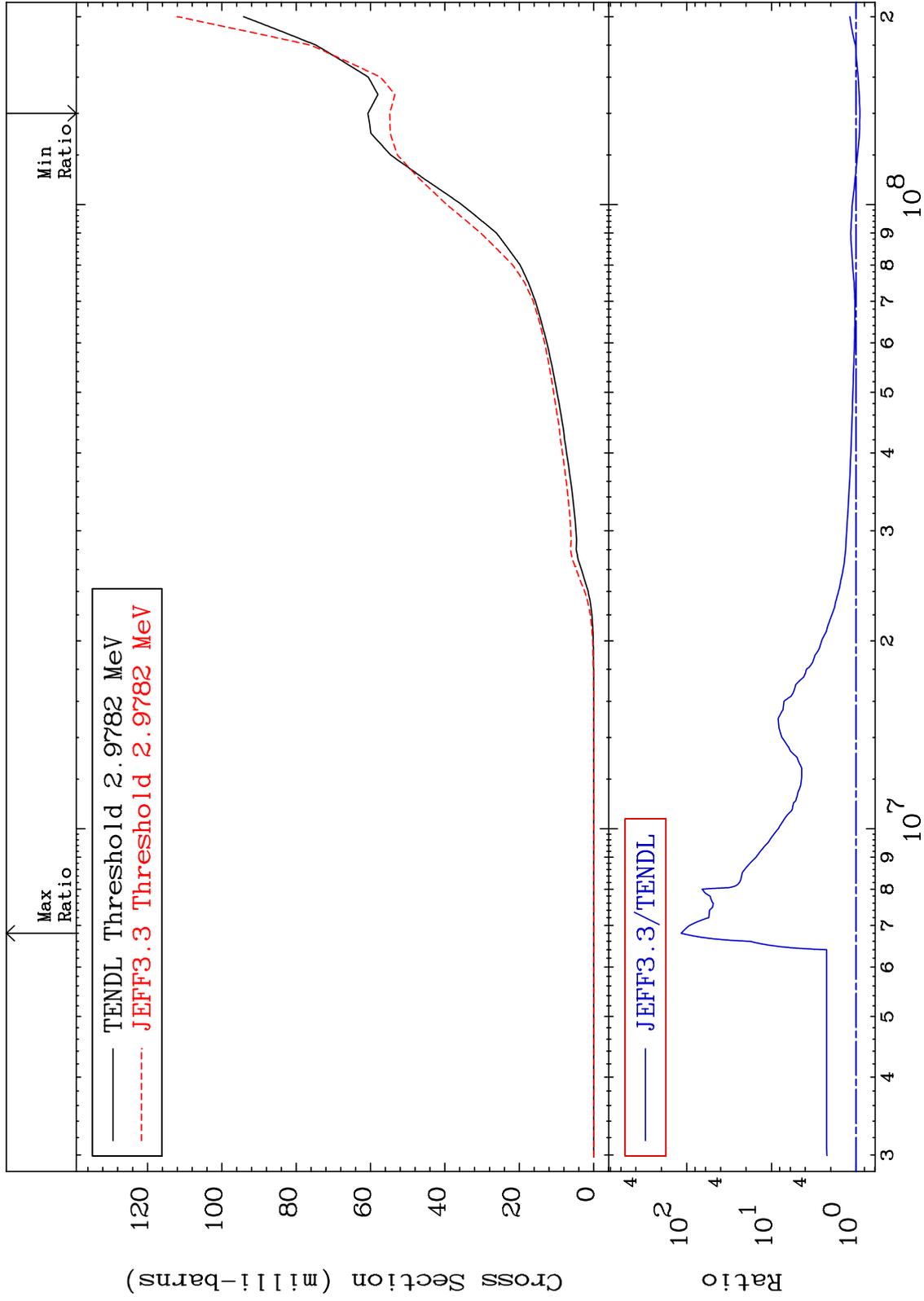
50-Sn-126  
-99.61 To 355.9 %



MAT 5067

He-4 Production  
Cross Section

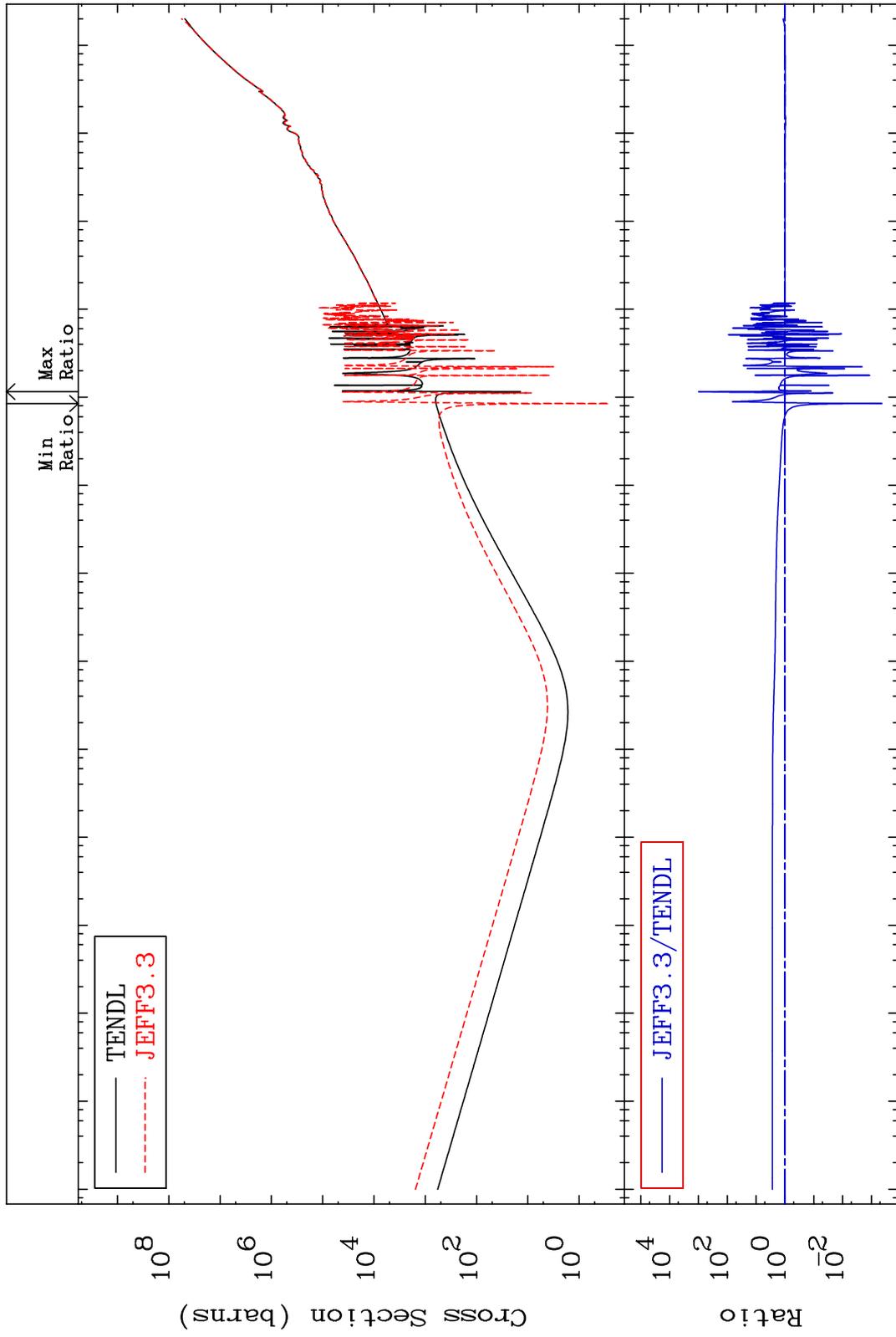
50-Sn-126  
-9.667 To 9999. %



MAT 5067

Kerma total (eV-barns)  
Cross Section

50-Sn-126  
-99.96 To 9999. %



57

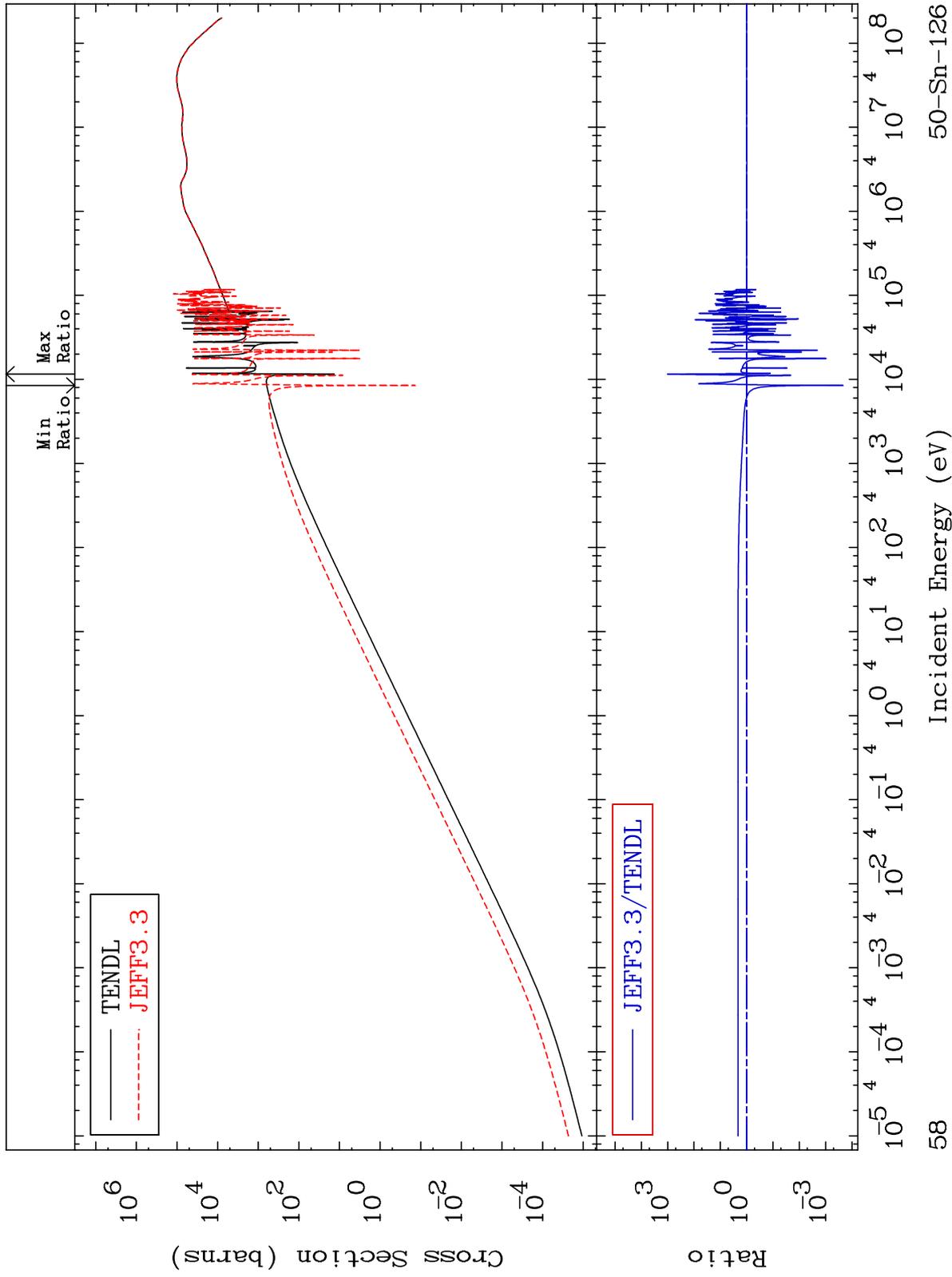
Incident Energy (eV)

50-Sn-126

MAT 5067

Kerma elastic  
Cross Section

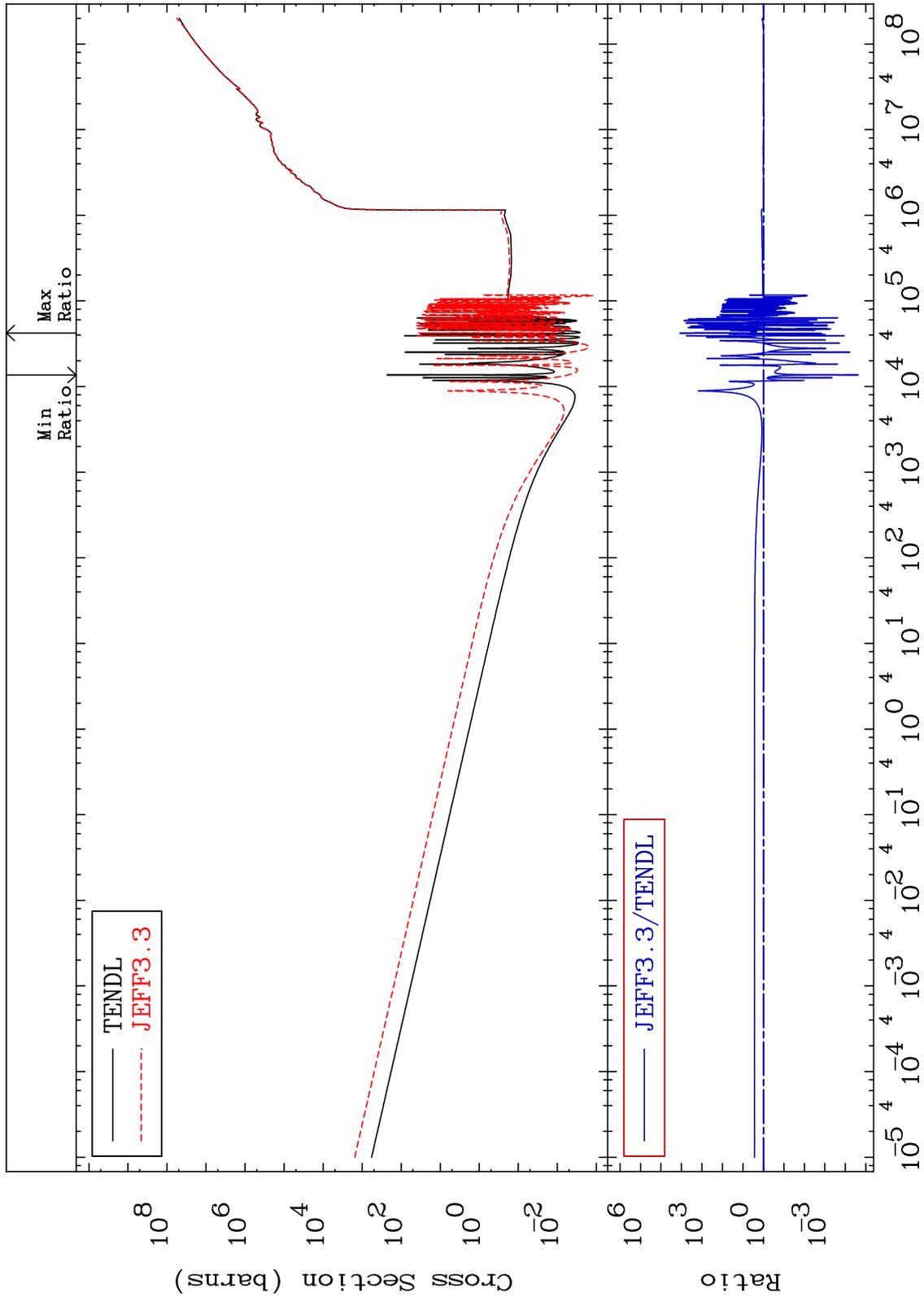
50-Sn-126  
-99.98 To 9999. %



MAT 5067

Kerma non-elastic (all but mt2)  
Cross Section

50-Sn-126  
-100.0 To 9999. %



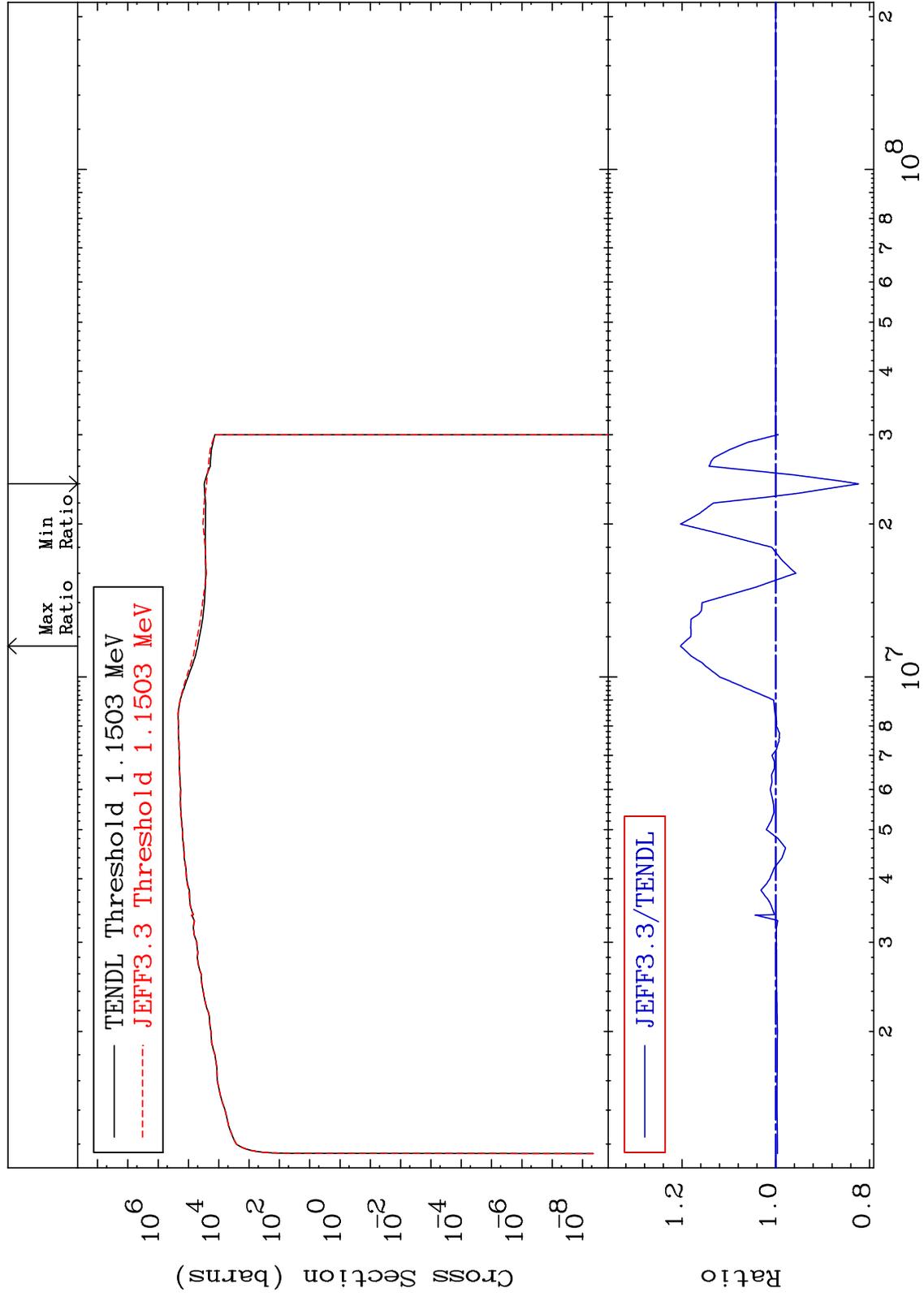
MAT 5067

Kerma inelastic (mt51-91)

50-Sn-126

-17.66 To 20.36 %

Cross Section



60

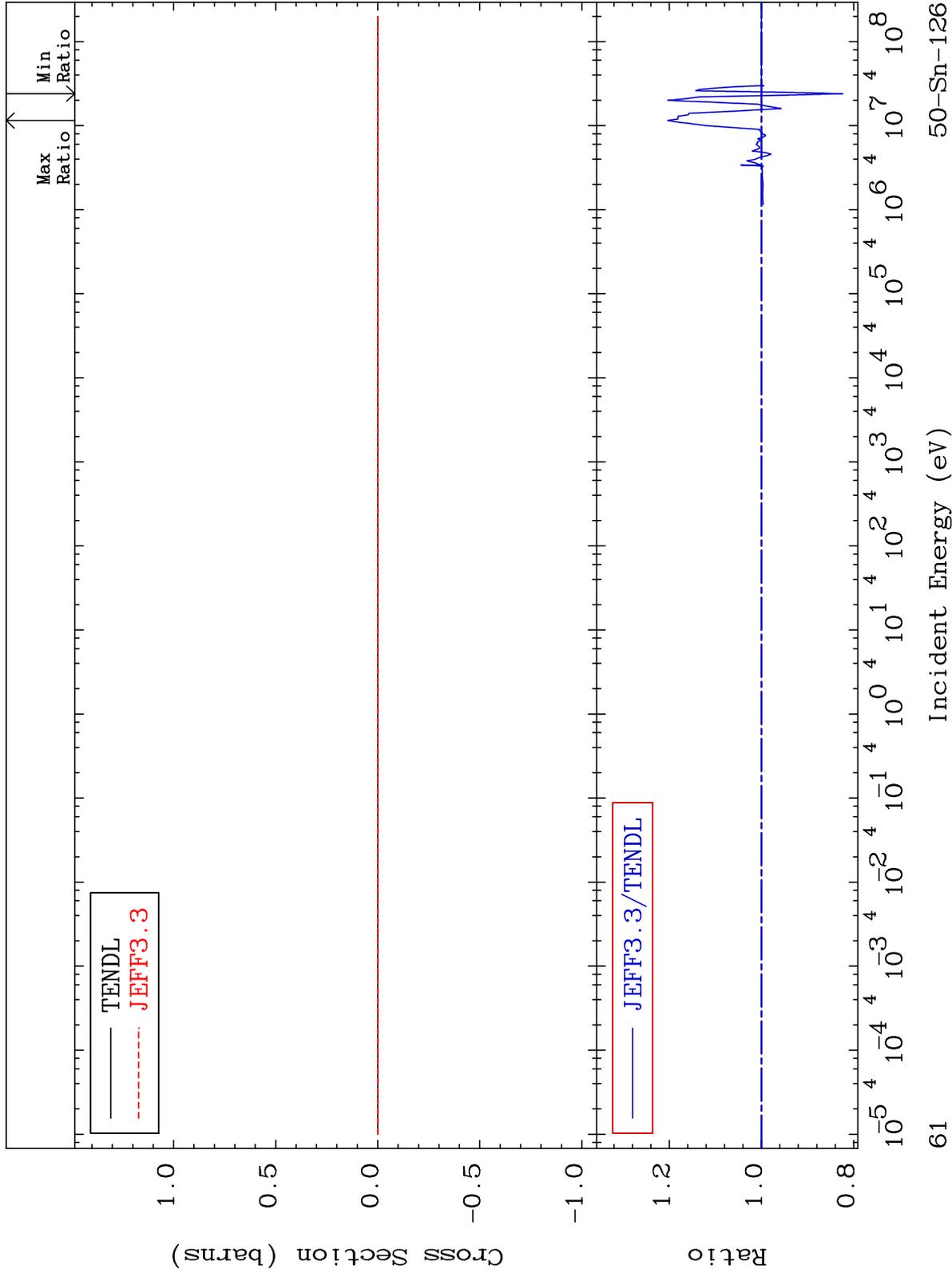
Incident Energy (eV)

50-Sn-126

MAT 5067

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

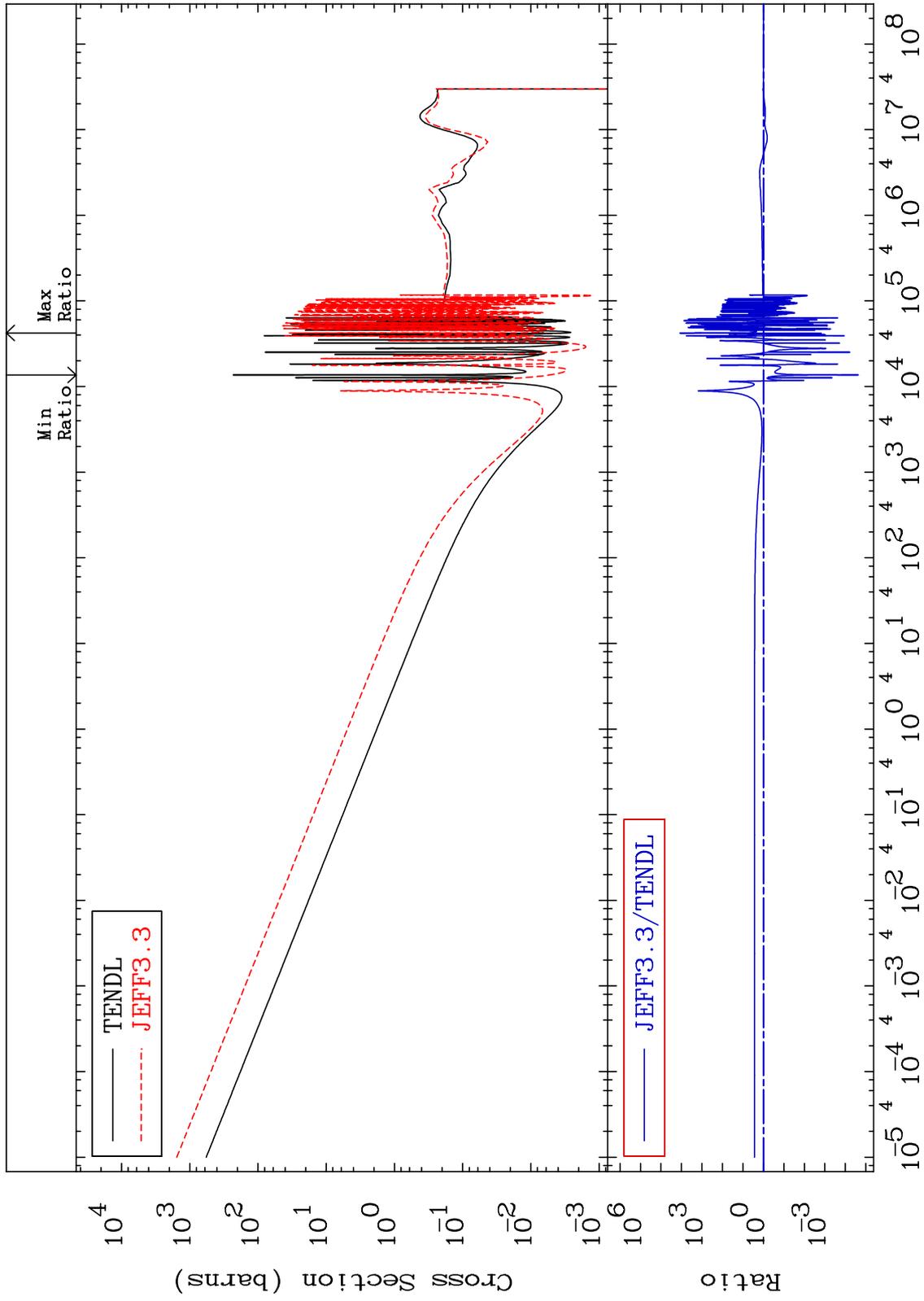
50-Sn-126  
-17.66 To 20.36 %



MAT 5067

Kerma capture (mt102)  
Cross Section

50-Sn-126  
-100.0 To 9999. %



62

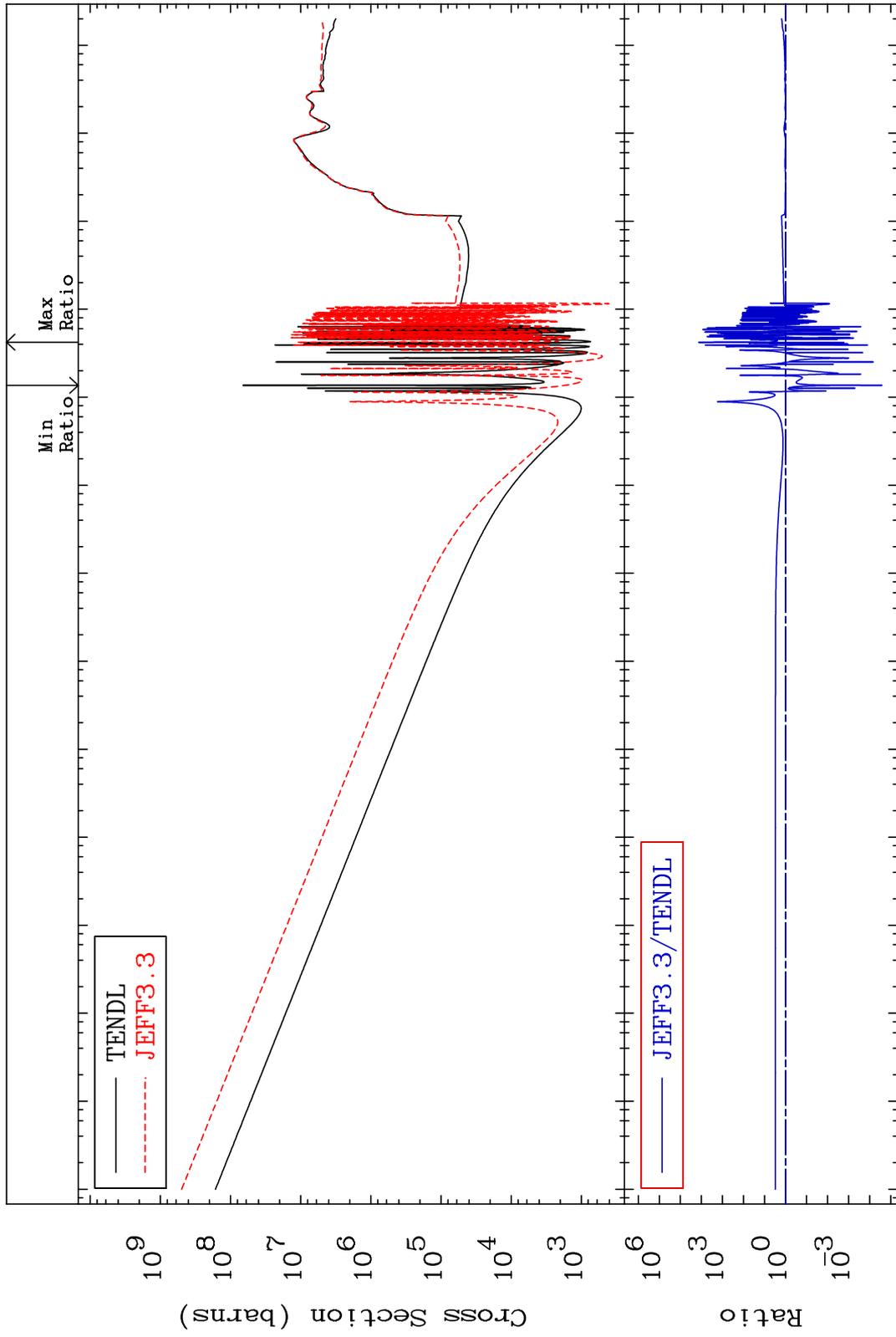
Incident Energy (eV)

50-Sn-126

MAT 5067

Total photon (eV-barns)  
Cross Section

50-Sn-126  
-100.0 To 9999. %



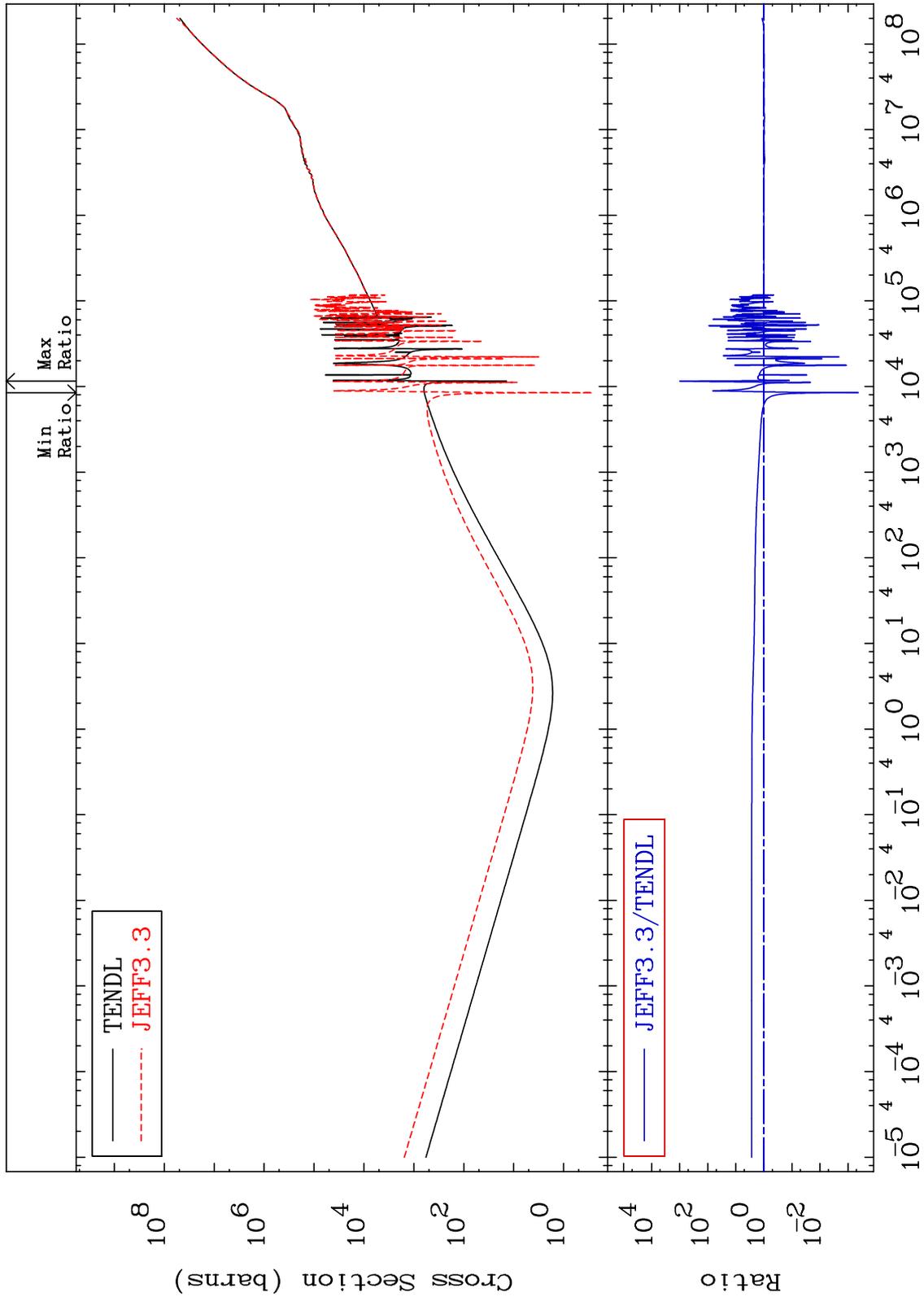
63

50-Sn-126

MAT 5067

Total kinematic kerma (high limit)  
Cross Section

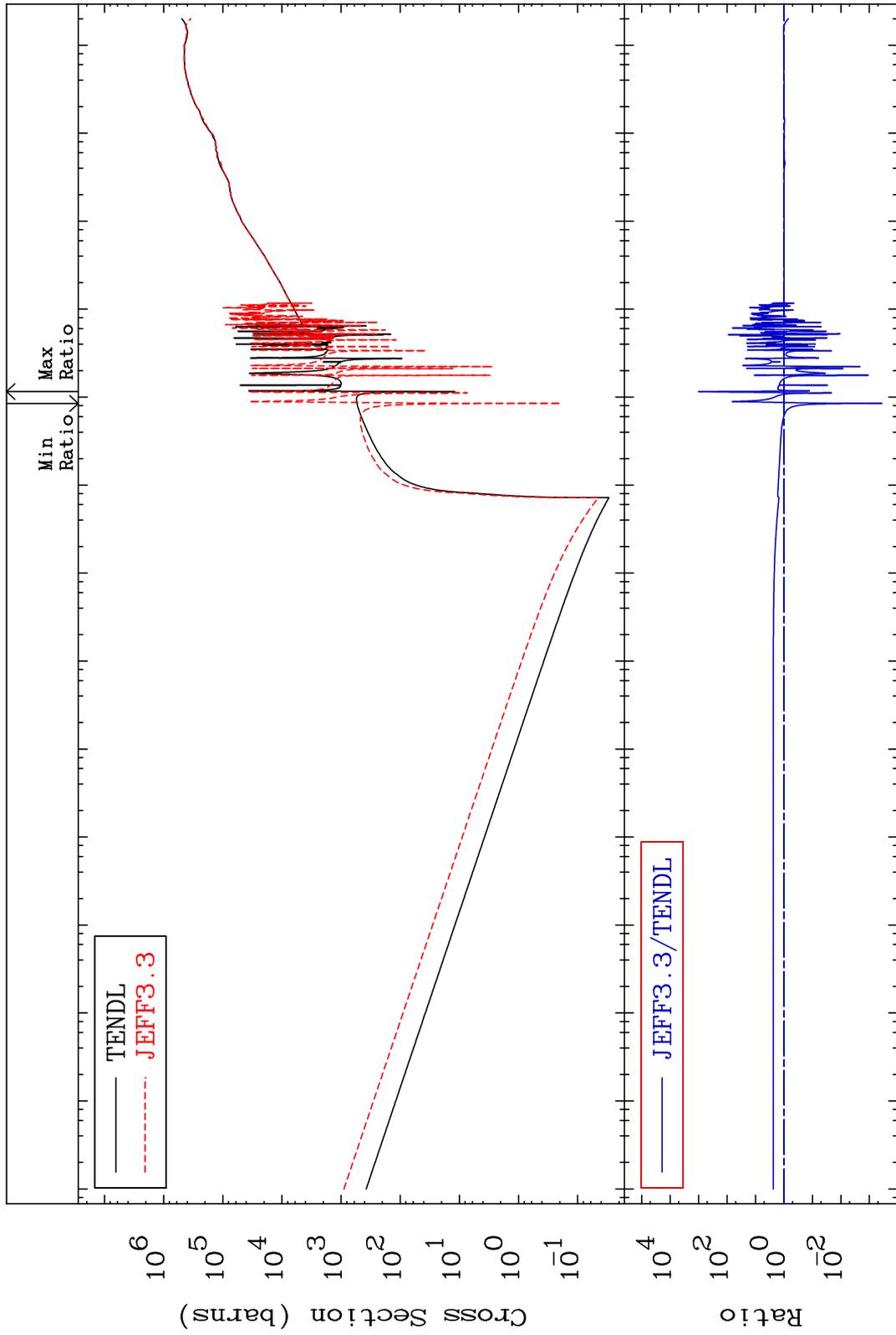
50-Sn-126  
-99.96 To 9999. %



MAT 5067

Dpa total (eV-barns)  
Cross Section

50-Sn-126  
-99.96 To 9999. %



65

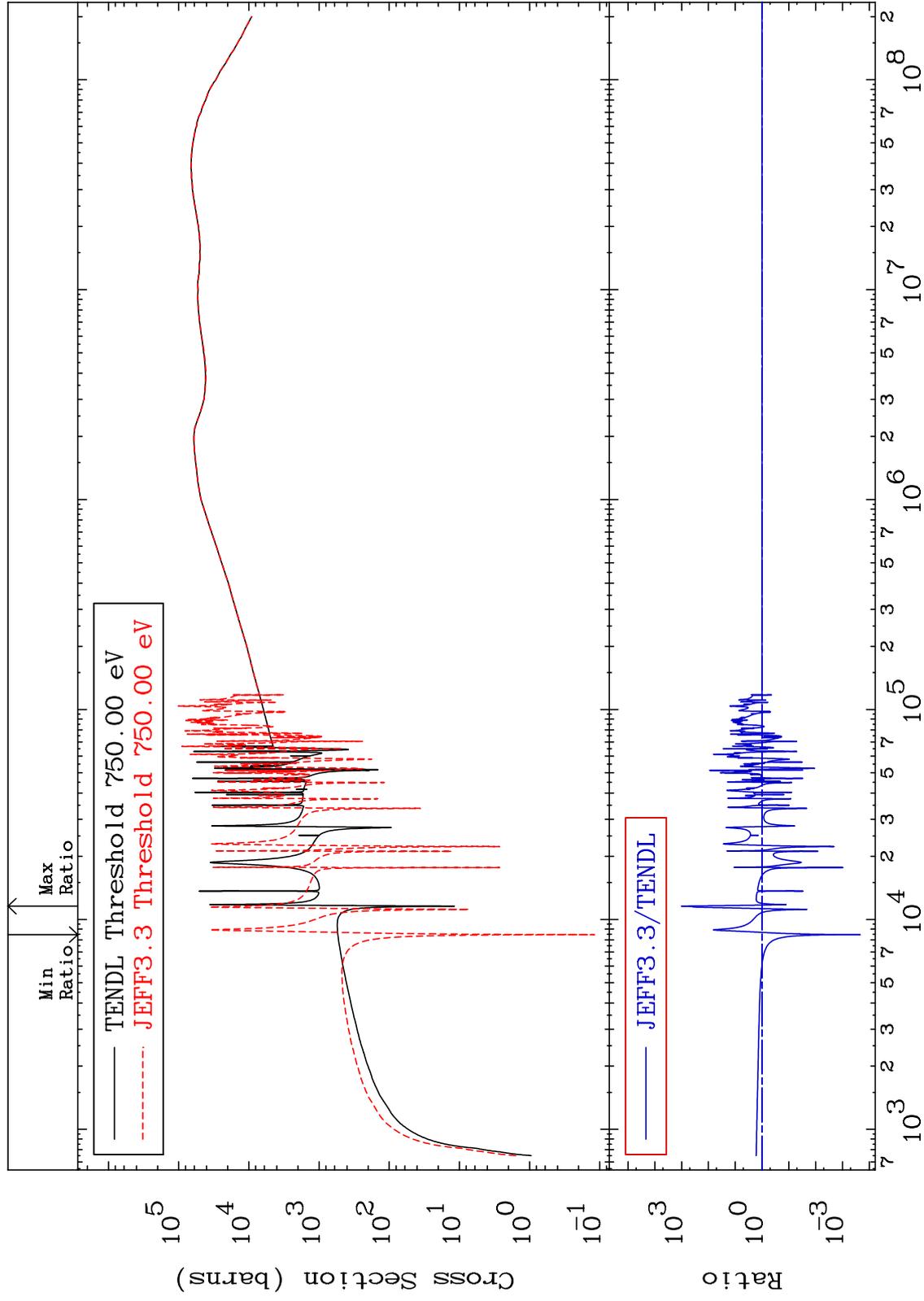
Incident Energy (eV)

50-Sn-126

MAT 5067

Dpa elastic (mt2)  
Cross Section

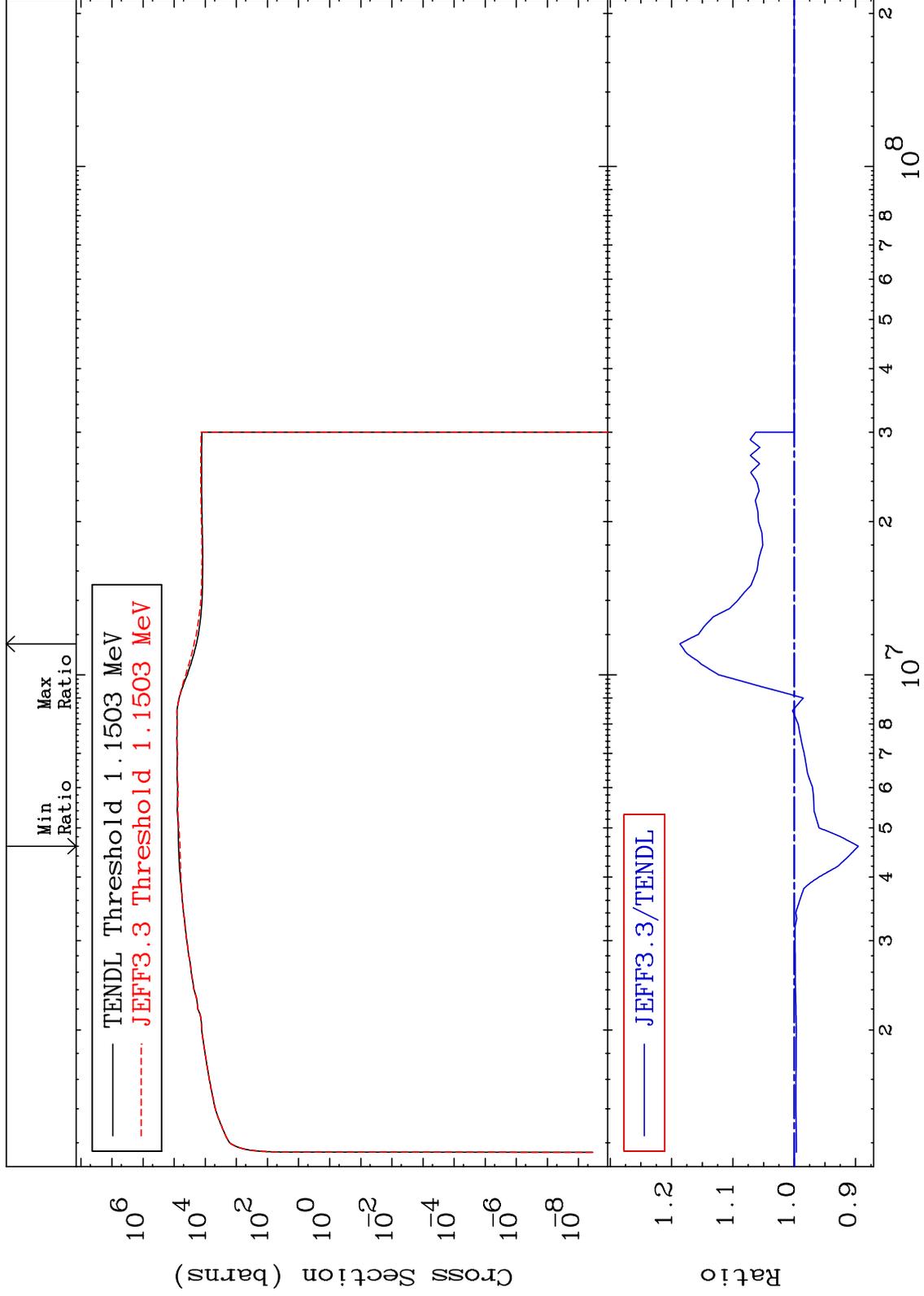
50-Sn-126  
-99.98 To 9999. %



MAT 5067

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-126  
-10.45 To 18.64 %



67

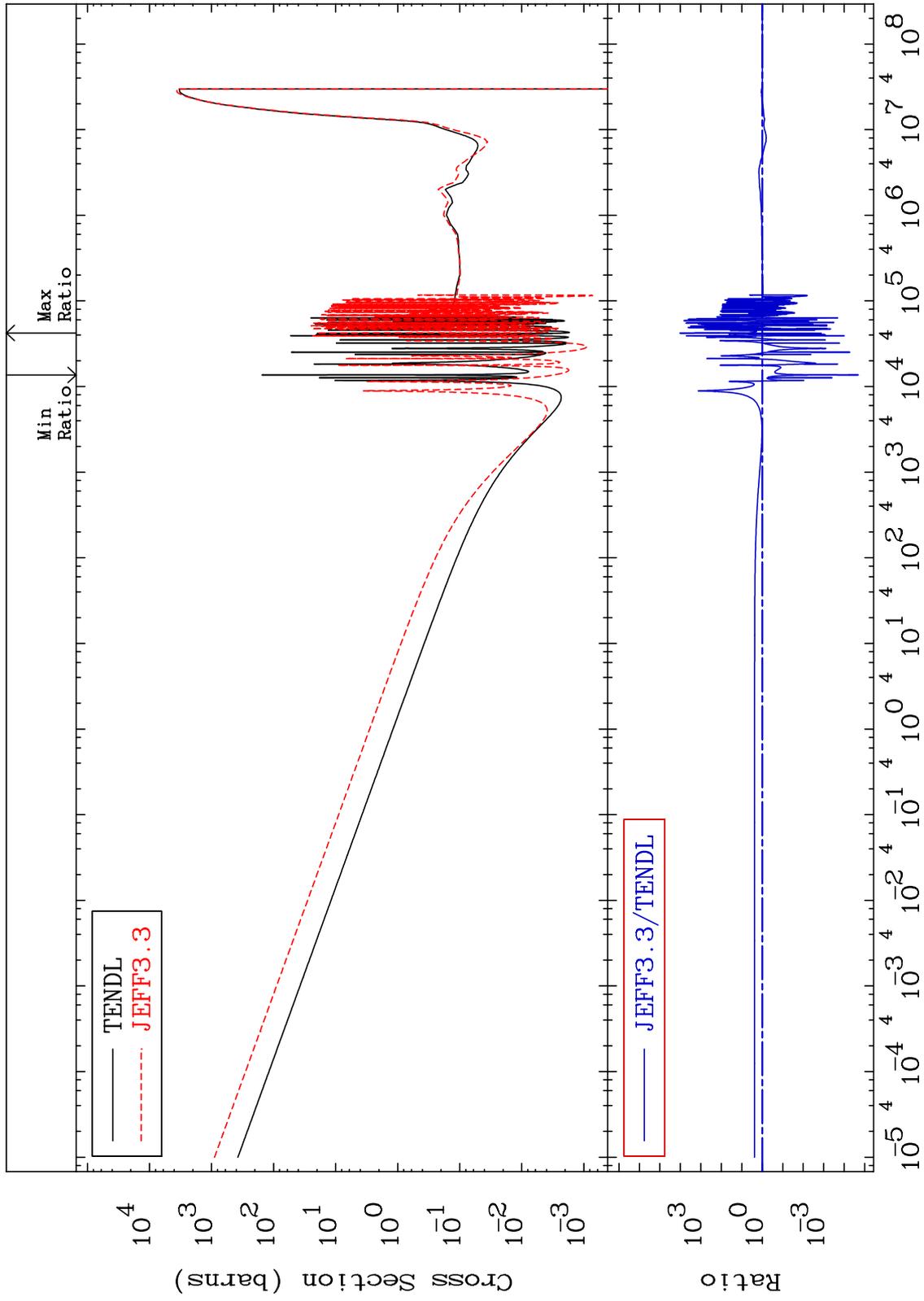
Incident Energy (eV)

50-Sn-126

MAT 5067

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-126  
-100.0 To 9999. %

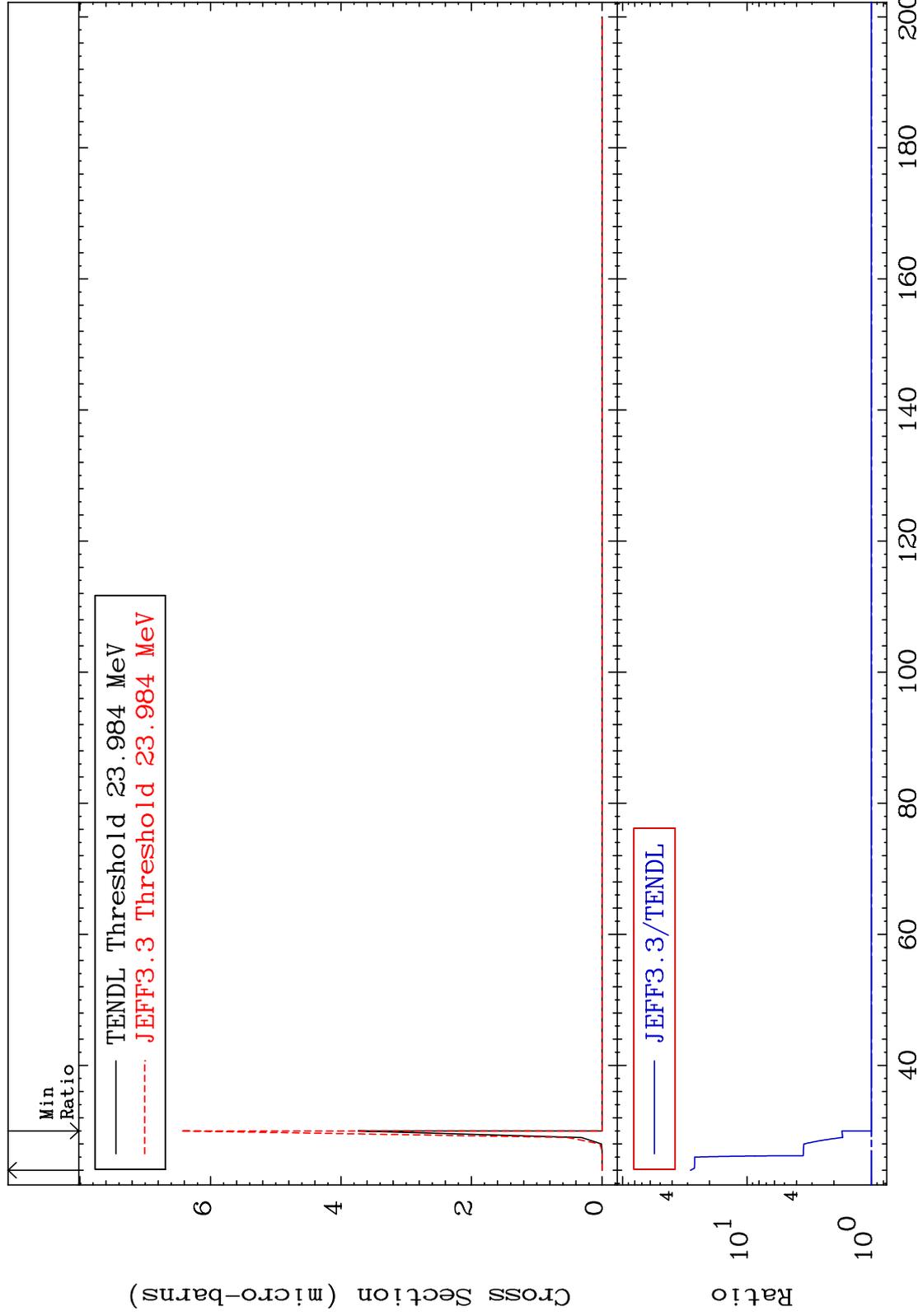


MAT 5067

(n,2n) d:49-In-123g

50-Sn-126

Radionuclide Production Cross Section 0.000 To 2744. %



69

Incident Energy (MeV)

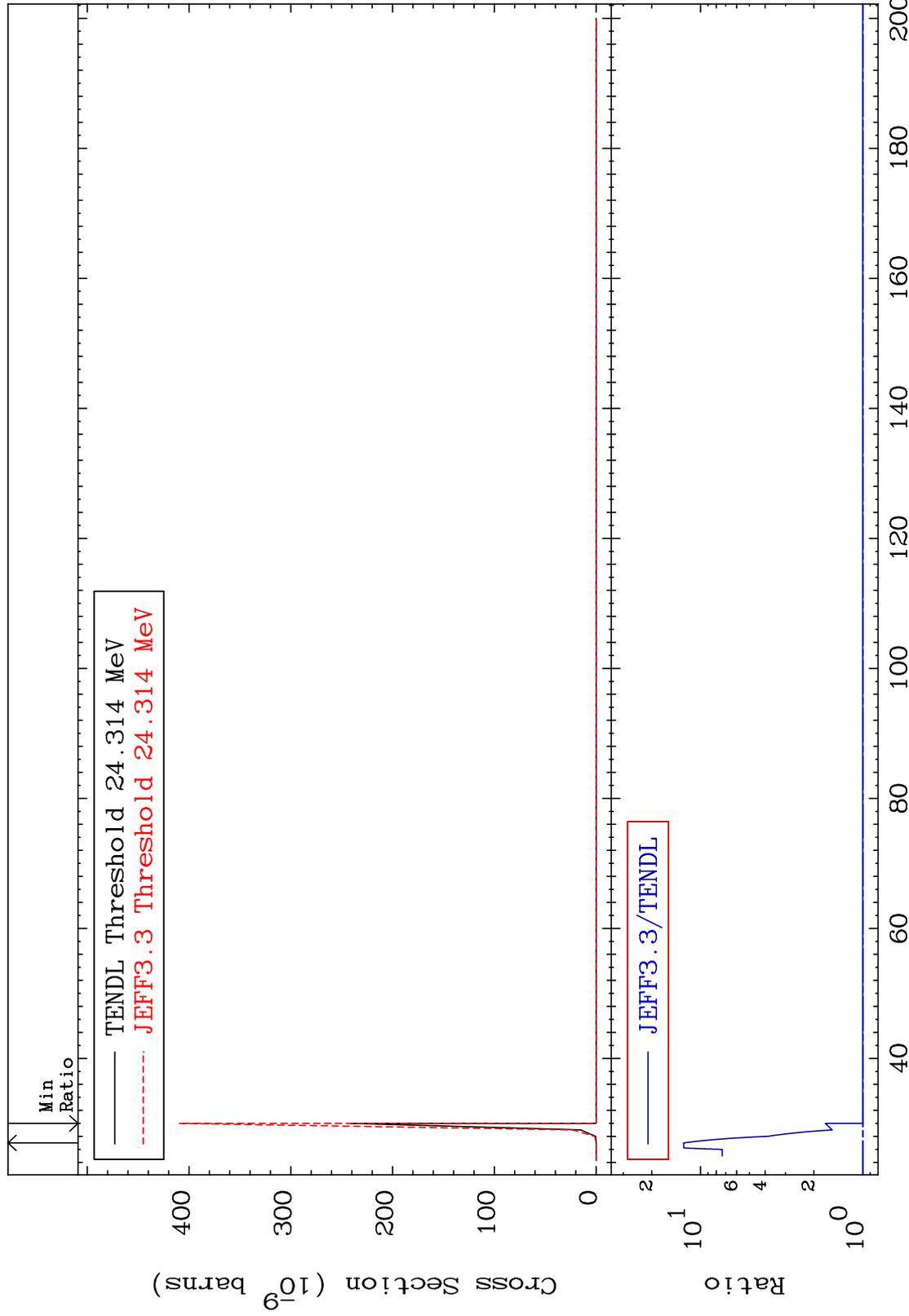
50-Sn-126

MAT 5067

(n,2n) d:49-In-123m1

50-Sn-126

Radionuclide Production Cross Section 0.000 To 1170. %



70

Incident Energy (MeV)

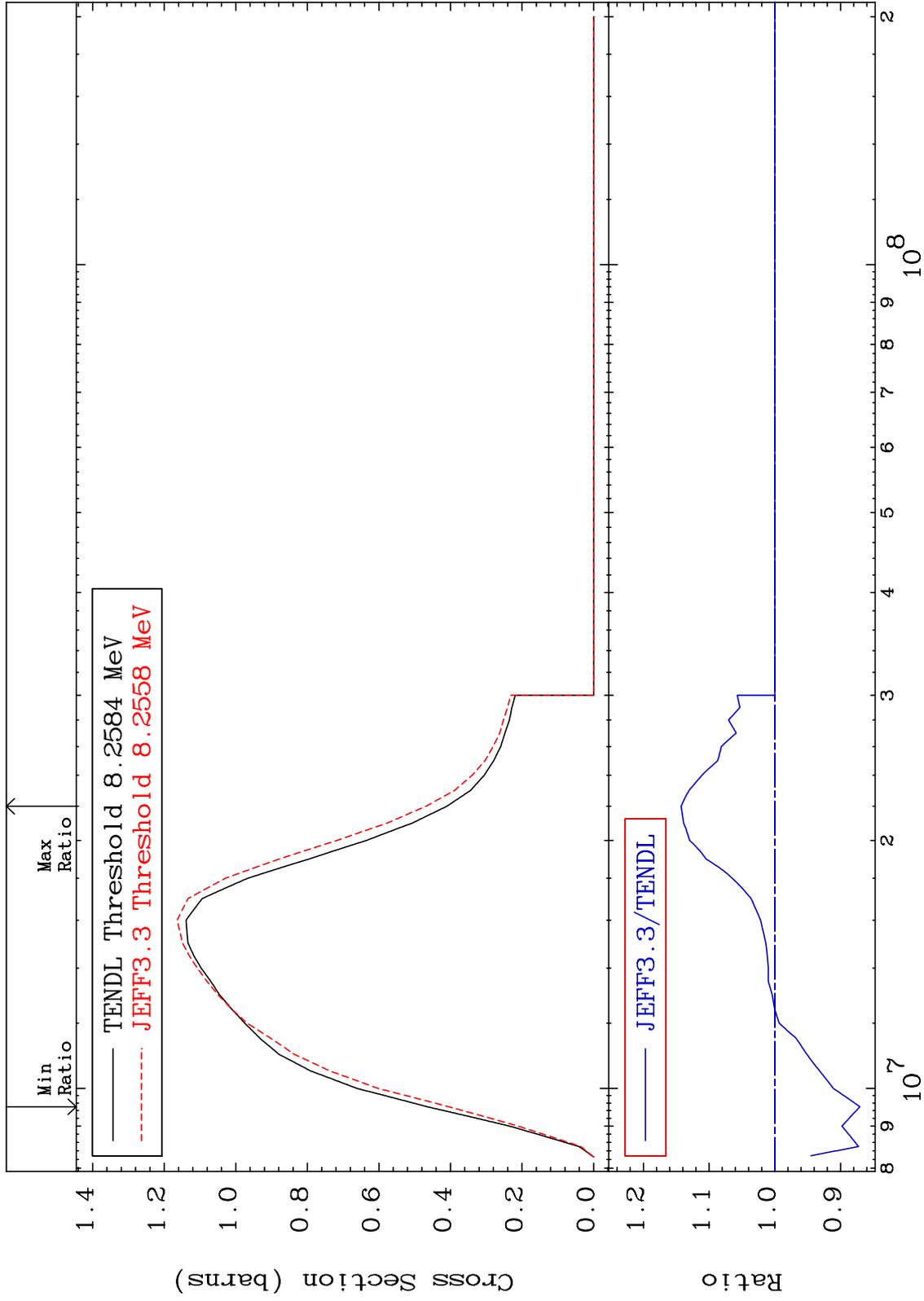
50-Sn-126

MAT 5067

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

50-Sn-126

Radionuclide Production Cross Section -12.95 To 14.25 %



71

Incident Energy (eV)

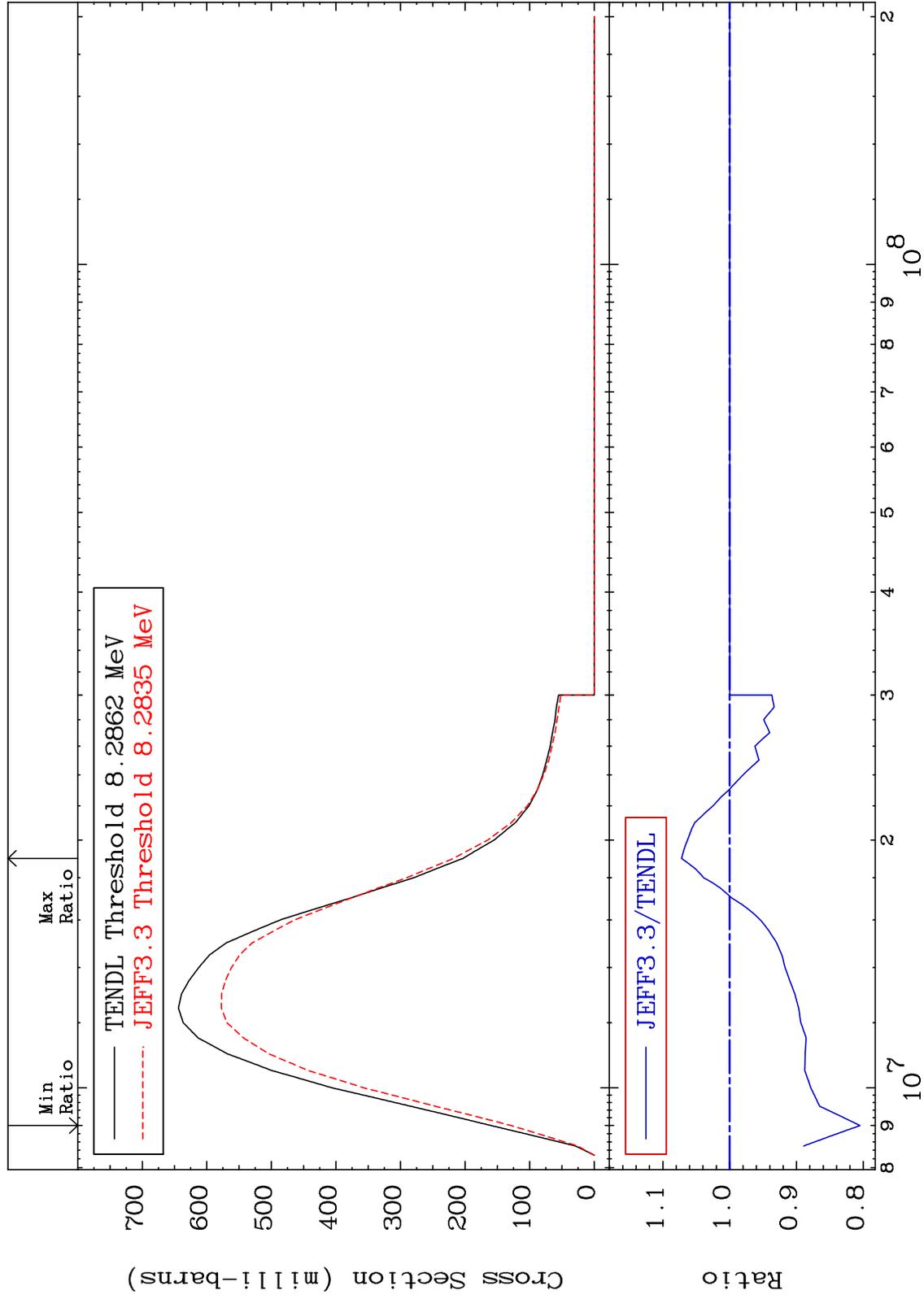
50-Sn-126

MAT 5067

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

50-Sn-126

Radionuclide Production Cross Section -19.51 To 7.199 %



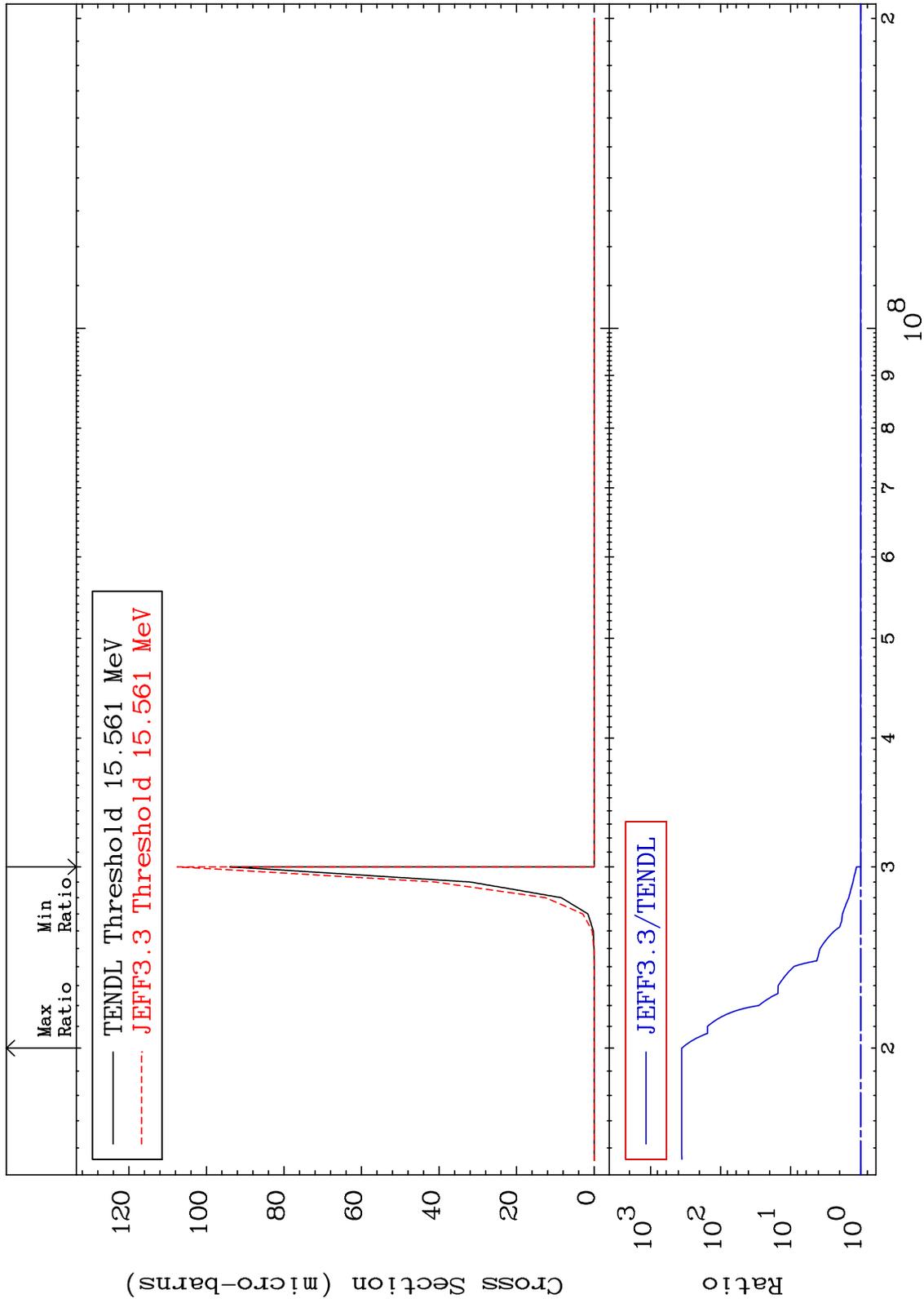
72

Incident Energy (eV)

50-Sn-126

MAT 5067

(n,2n)  $\alpha$ :48-Cd-121g 50-Sn-126  
Radionuclide Production Cross Section 0.000 To 9999. %



73

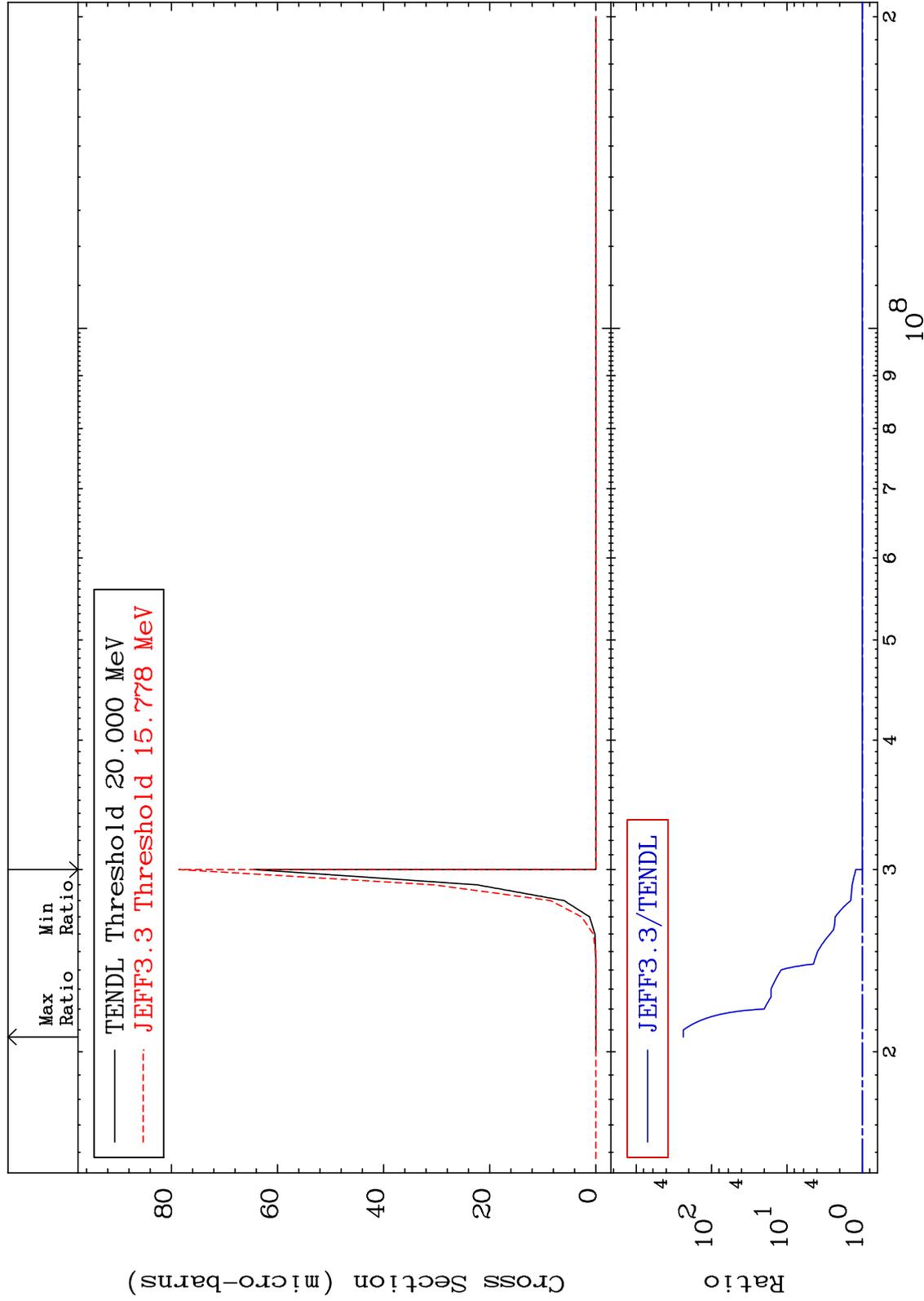
Incident Energy (eV) 50-Sn-126

MAT 5067

(n,2n)  $\alpha$ : 48-Cd-121m2

50-Sn-126

Radionuclide Production Cross Section 0.000 To 9999. %

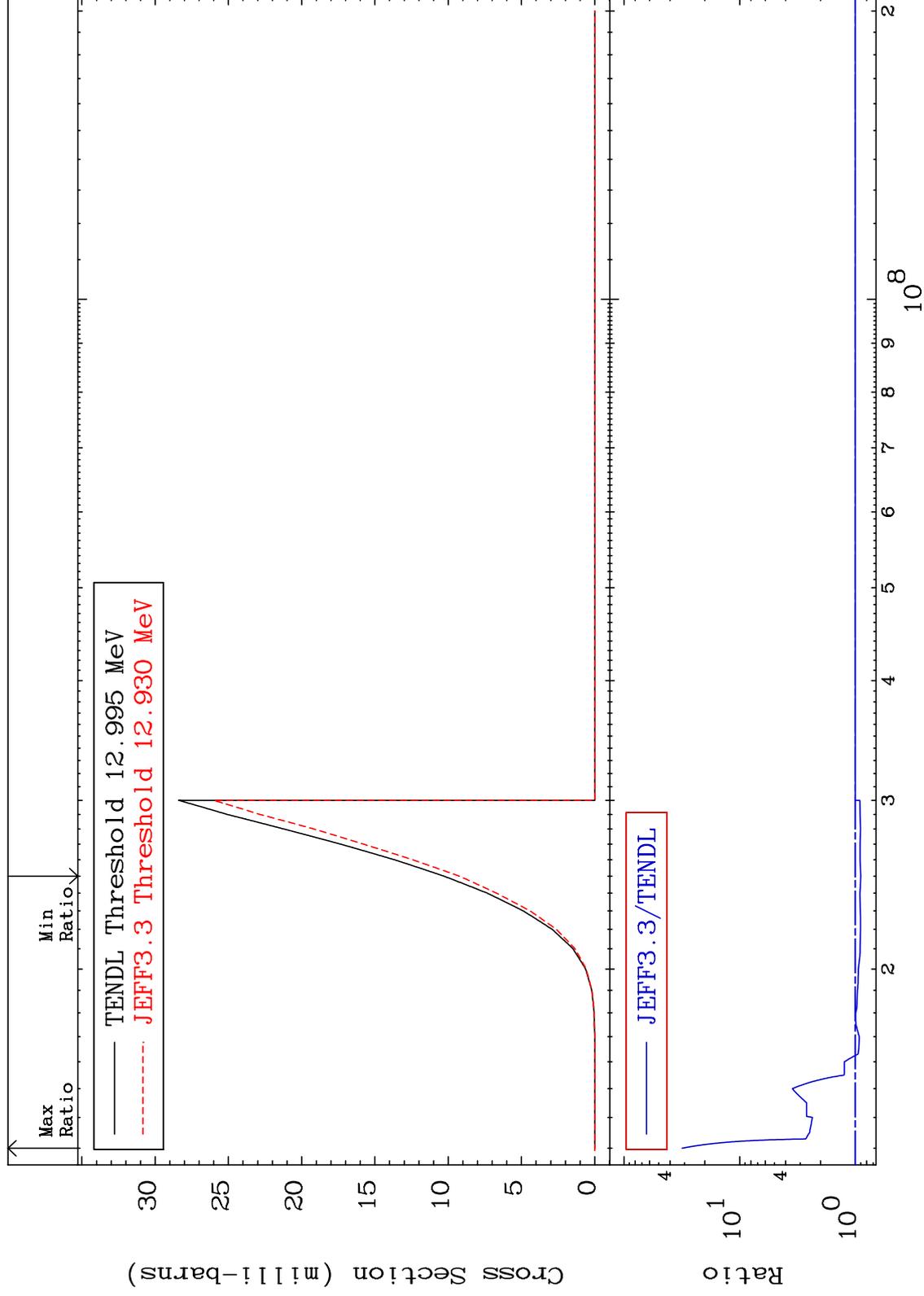


MAT 5067

(n, n') p:49-In-125g

50-Sn-126

Radionuclide Production Cross Section -10.22 To 3041. %



75

Incident Energy (eV)

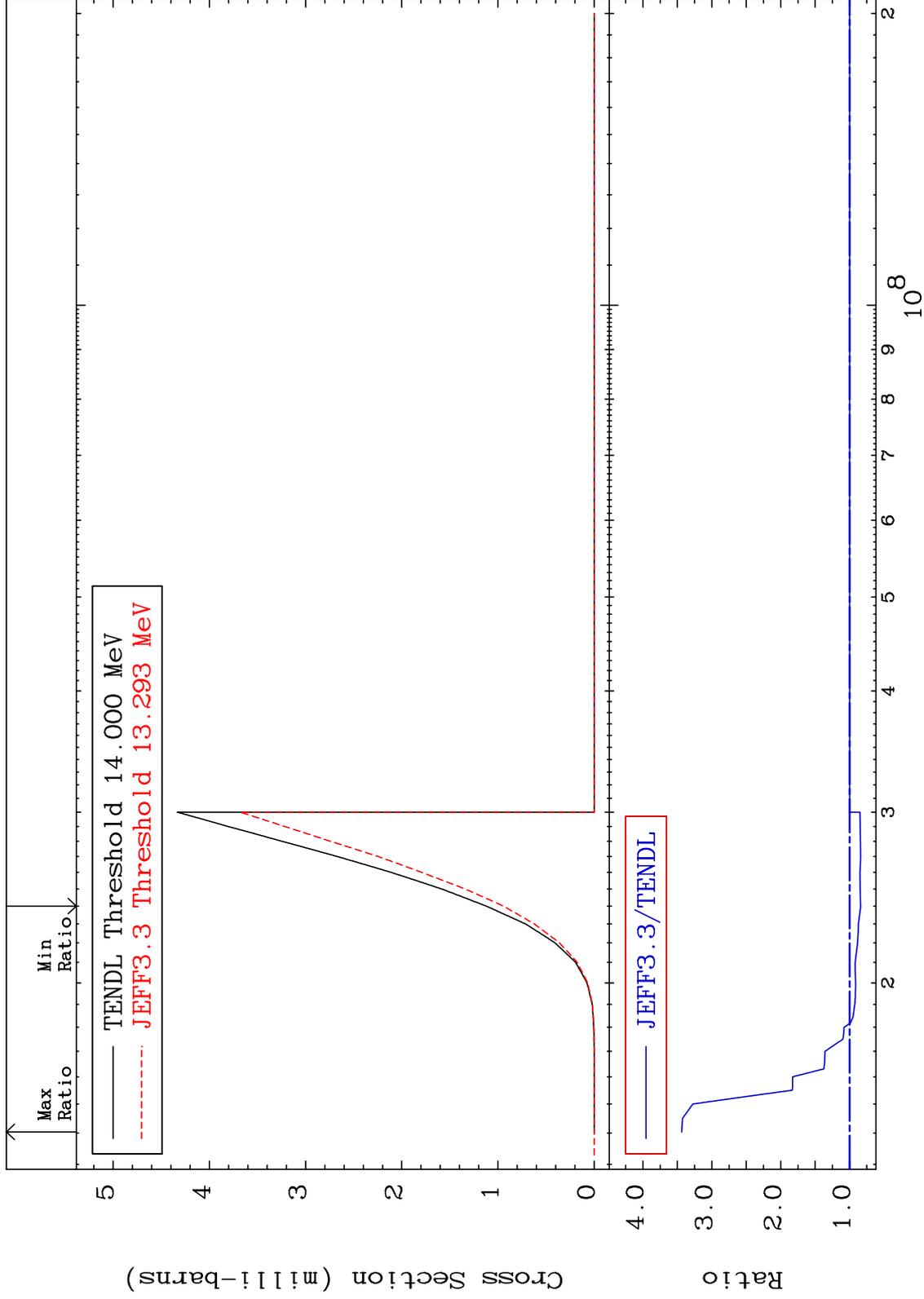
50-Sn-126

MAT 5067

(n, n') p: 49-In-125m1

50-Sn-126

Radionuclide Production Cross Section -16.02 To 243.7 %



76

Incident Energy (eV)

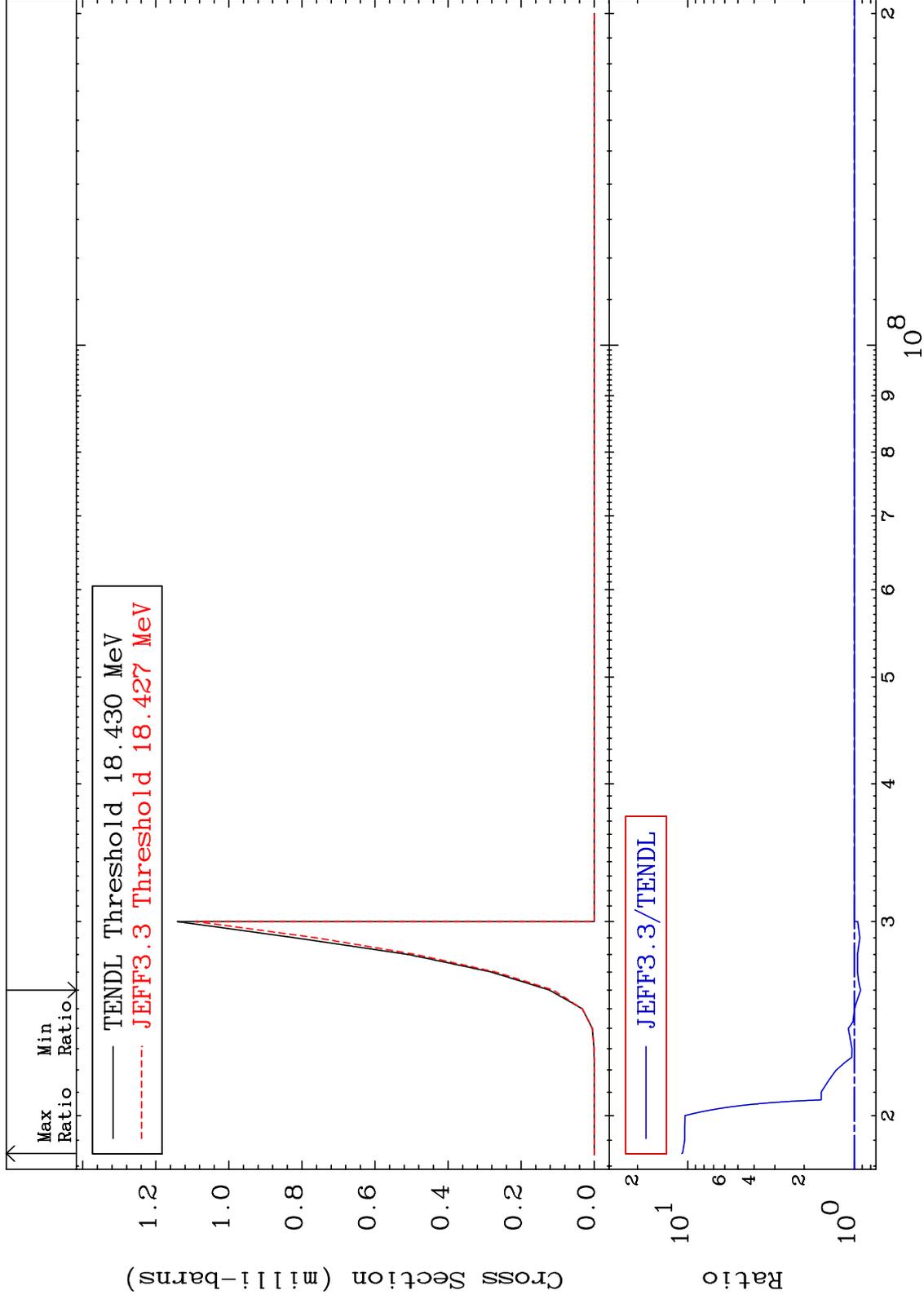
50-Sn-126

MAT 5067

(n, n') d:49-In-124g

50-Sn-126

Radionuclide Production Cross Section -8.213 To 986.3 %

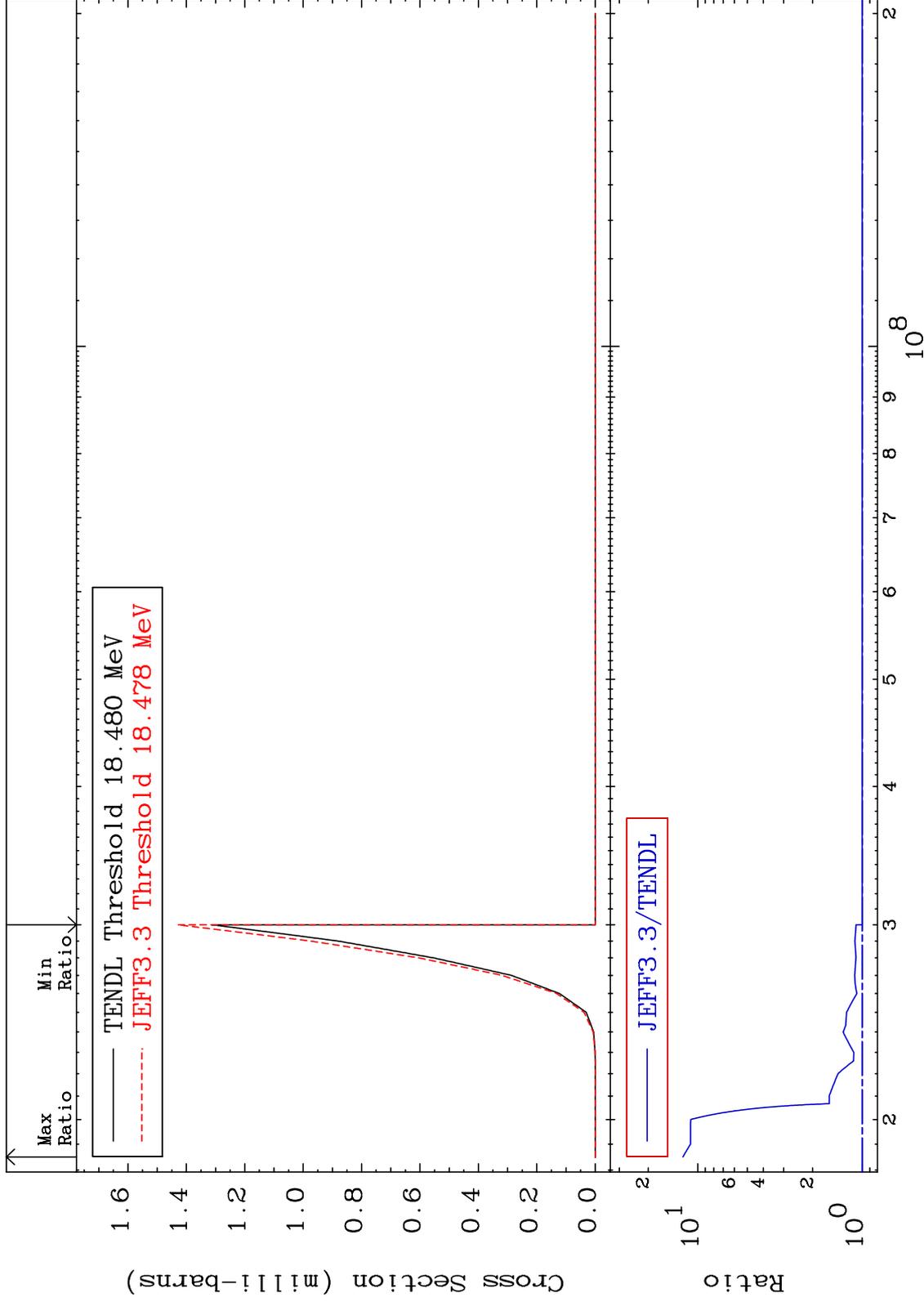


MAT 5067

(n, n') d:49-In-124m2

50-Sn-126

Radionuclide Production Cross Section 0.000 To 1131. %



78

Incident Energy (eV)

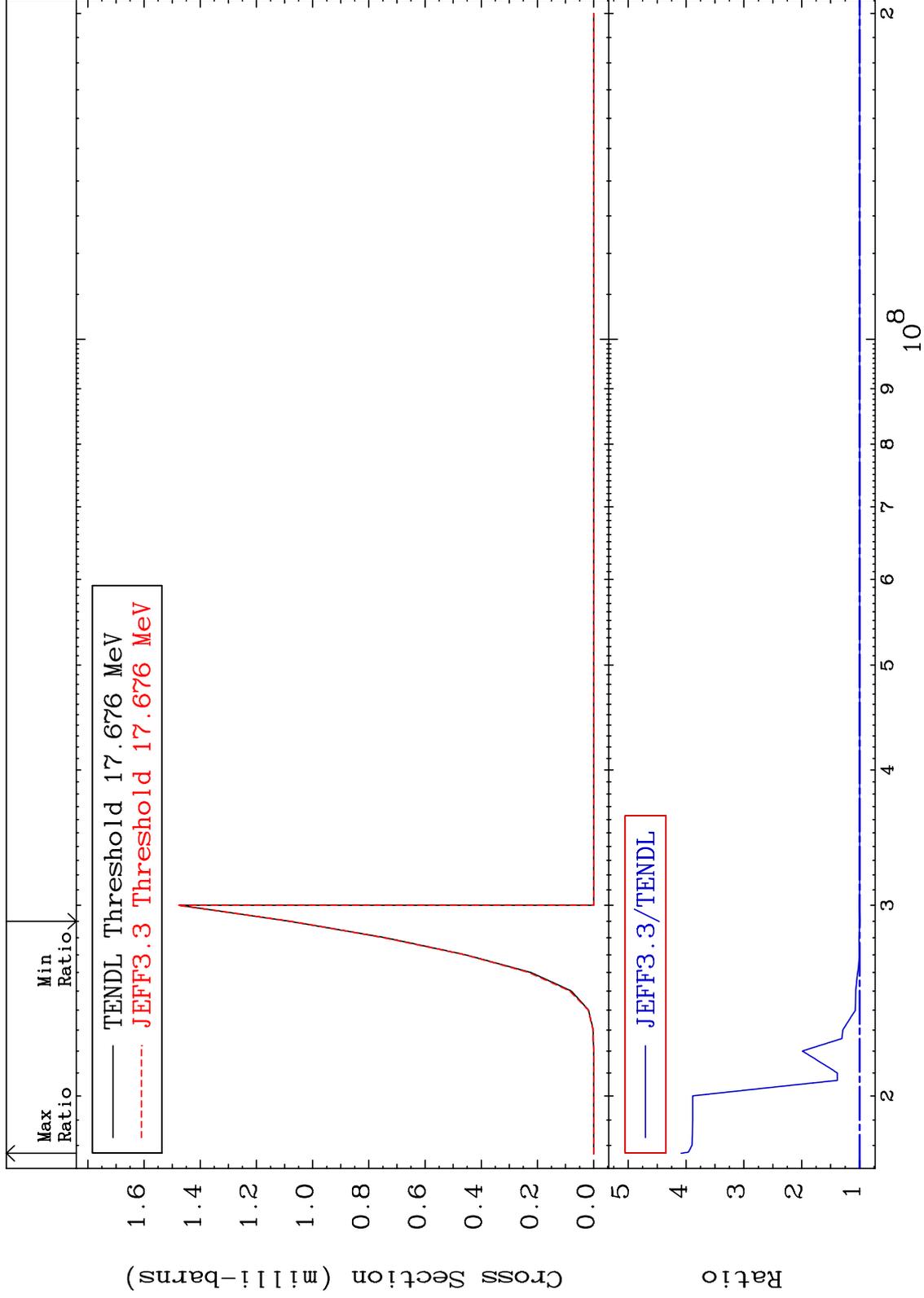
50-Sn-126

MAT 5067

(n, n') t:49-In-123g

50-Sn-126

Radionuclide Production Cross Section -0.575 To 308.5 %

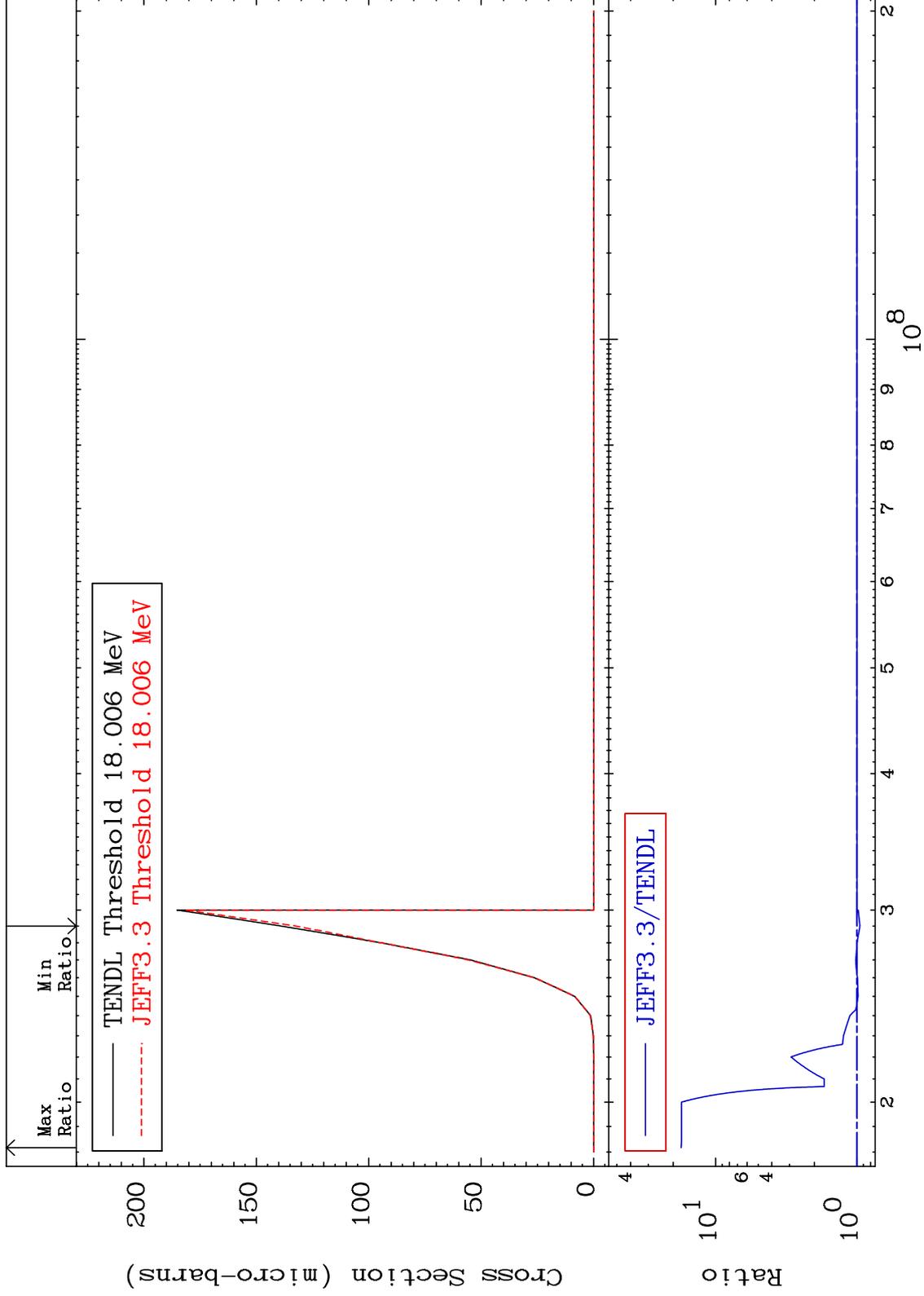


MAT 5067

(n, n') t: 49-In-123m1

50-Sn-126

Radionuclide Production Cross Section -4.748 To 1654. %



80

Incident Energy (eV)

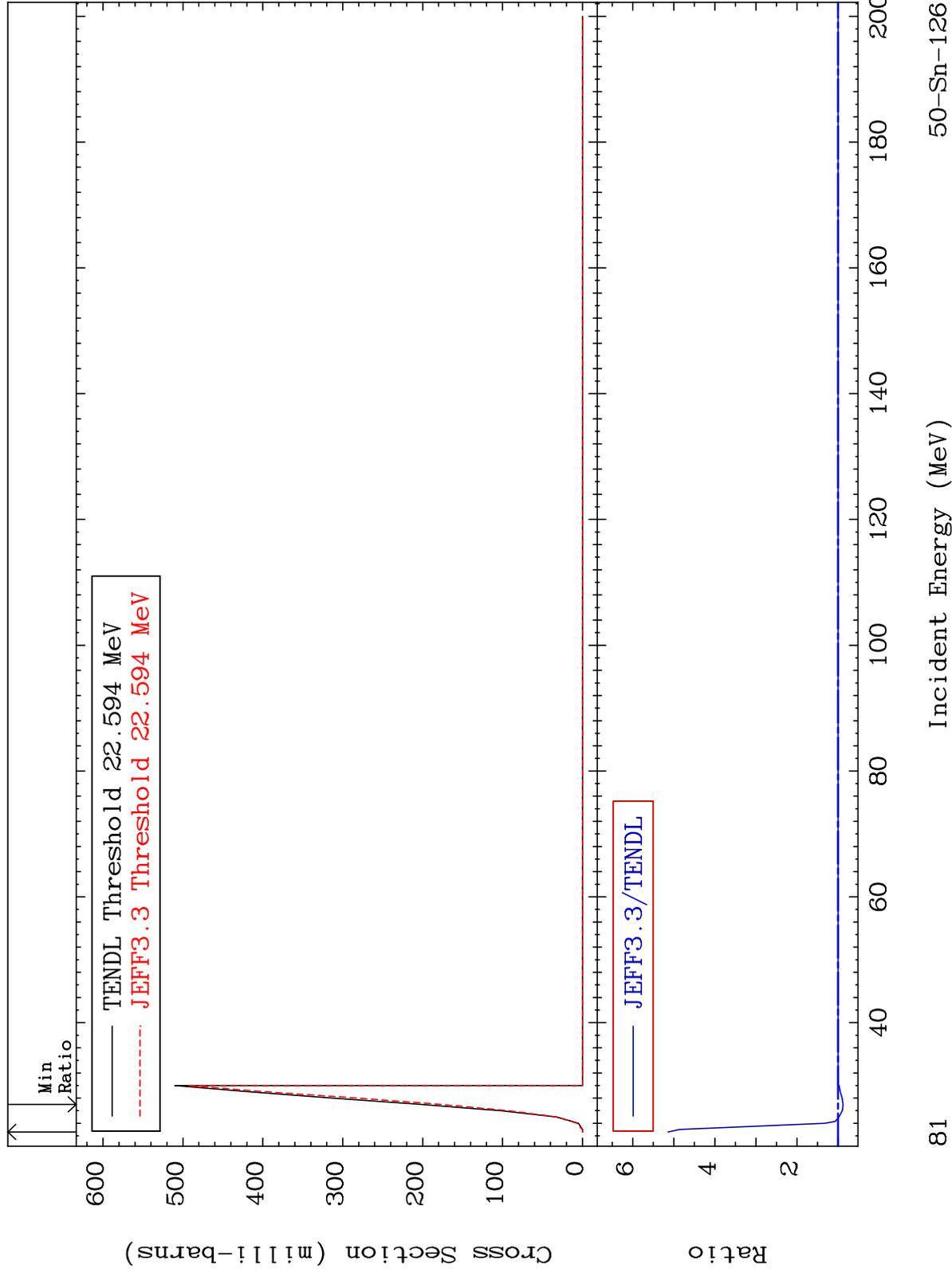
50-Sn-126

MAT 5067

(n,4n):50-Sn-123g

50-Sn-126

Radionuclide Production Cross Section -12.35 To 413.7 %



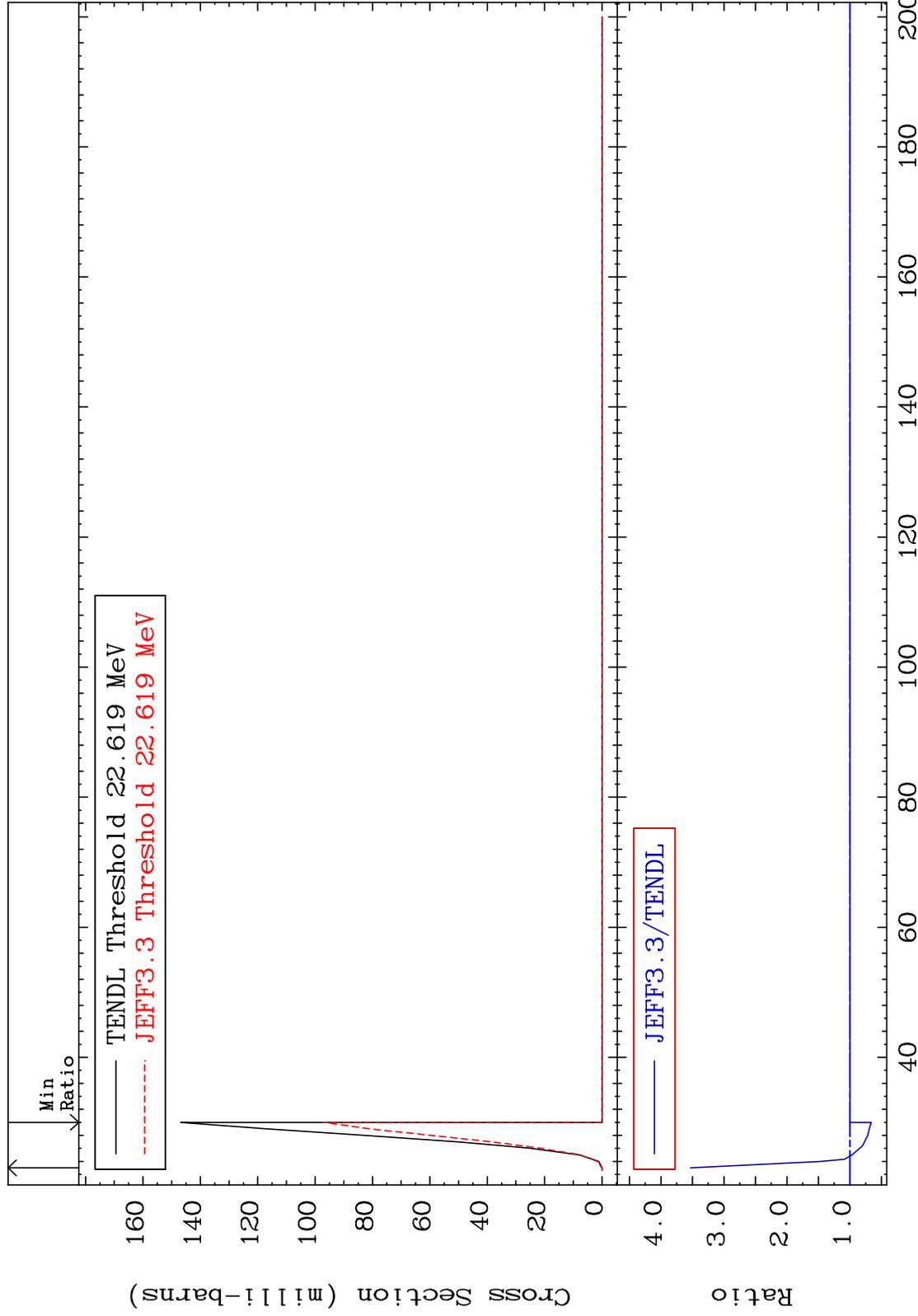
MAT 5067

(n, 4n):50-Sn-123m1

50-Sn-126

Radionuclide Production Cross Section

-33.86 To 253.1 %

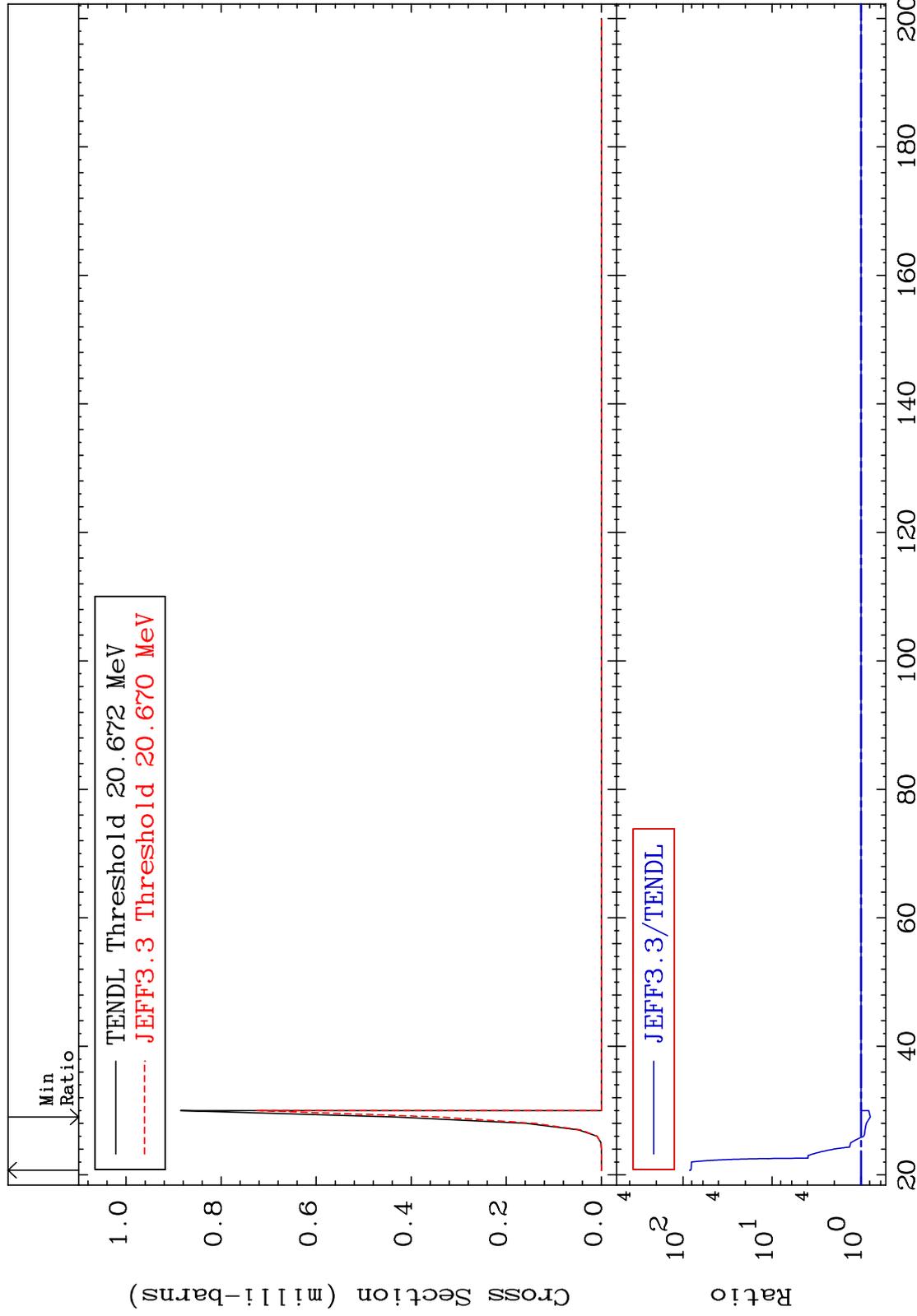


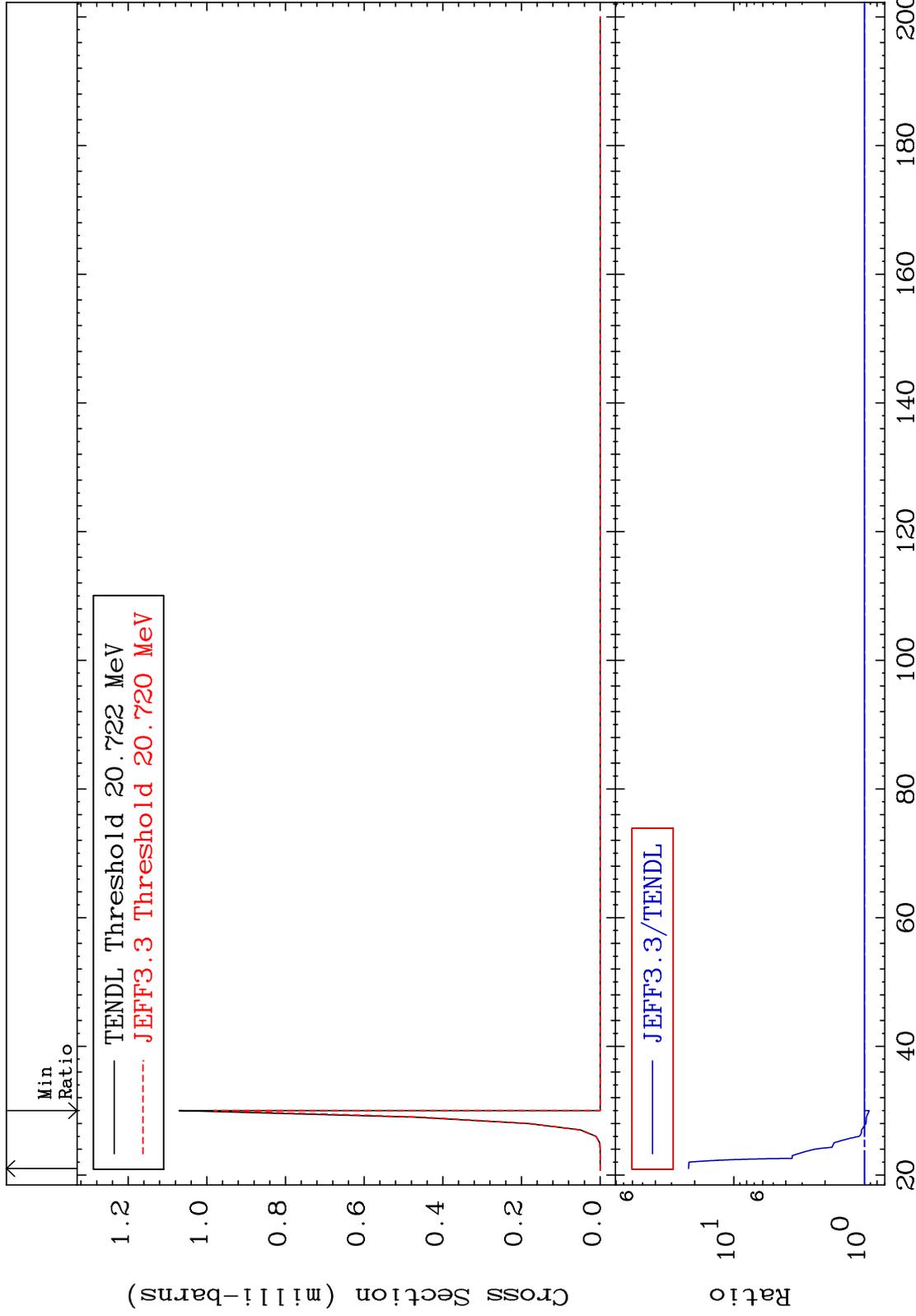
MAT 5067

(n,2n) p:49-In-124g

50-Sn-126

Radionuclide Production Cross Section -21.41 To 8317. %



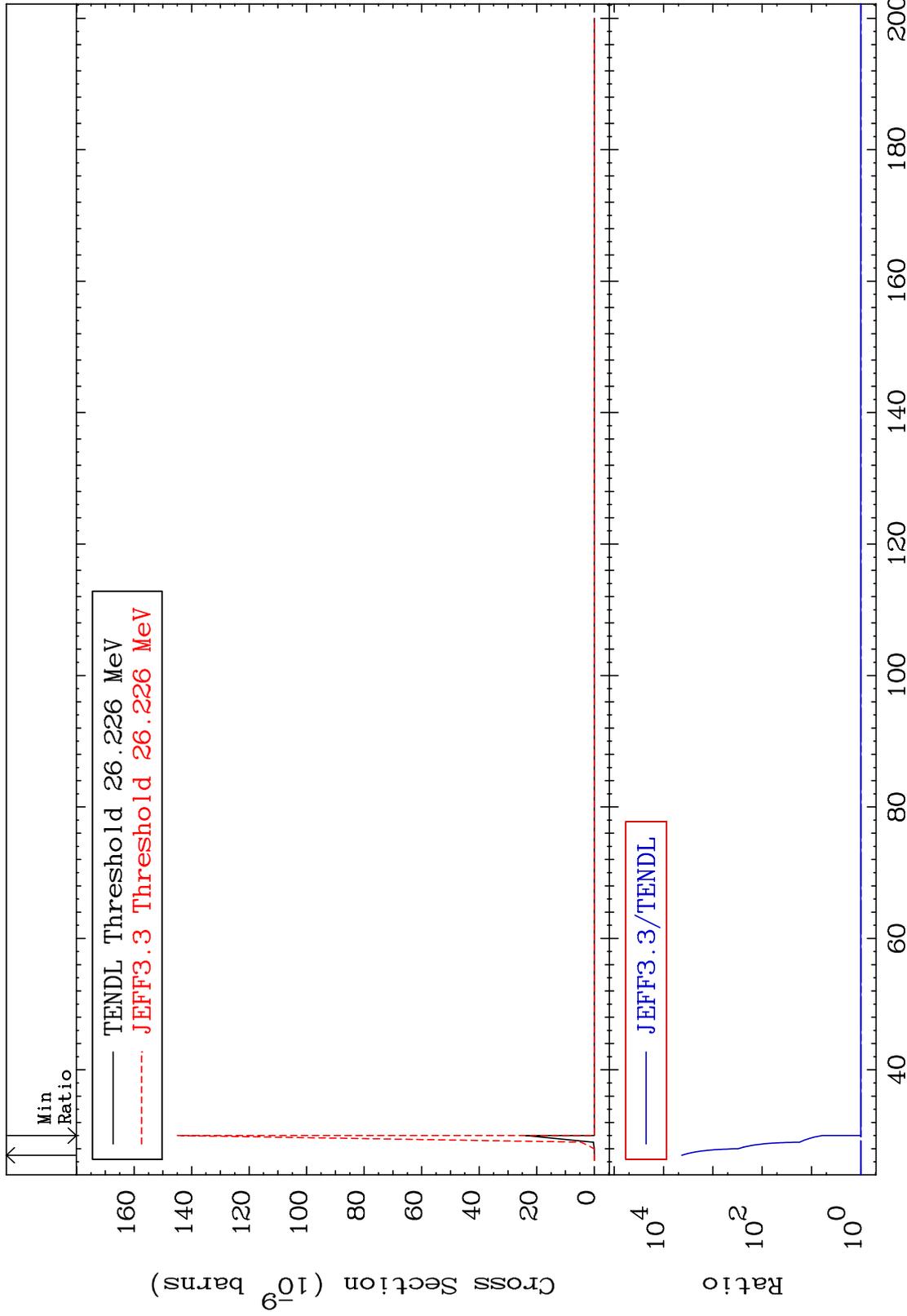


MAT 5067

(n,3n) p:49-In-123g

50-Sn-126

Radionuclide Production Cross Section 0.000 To 9999. %

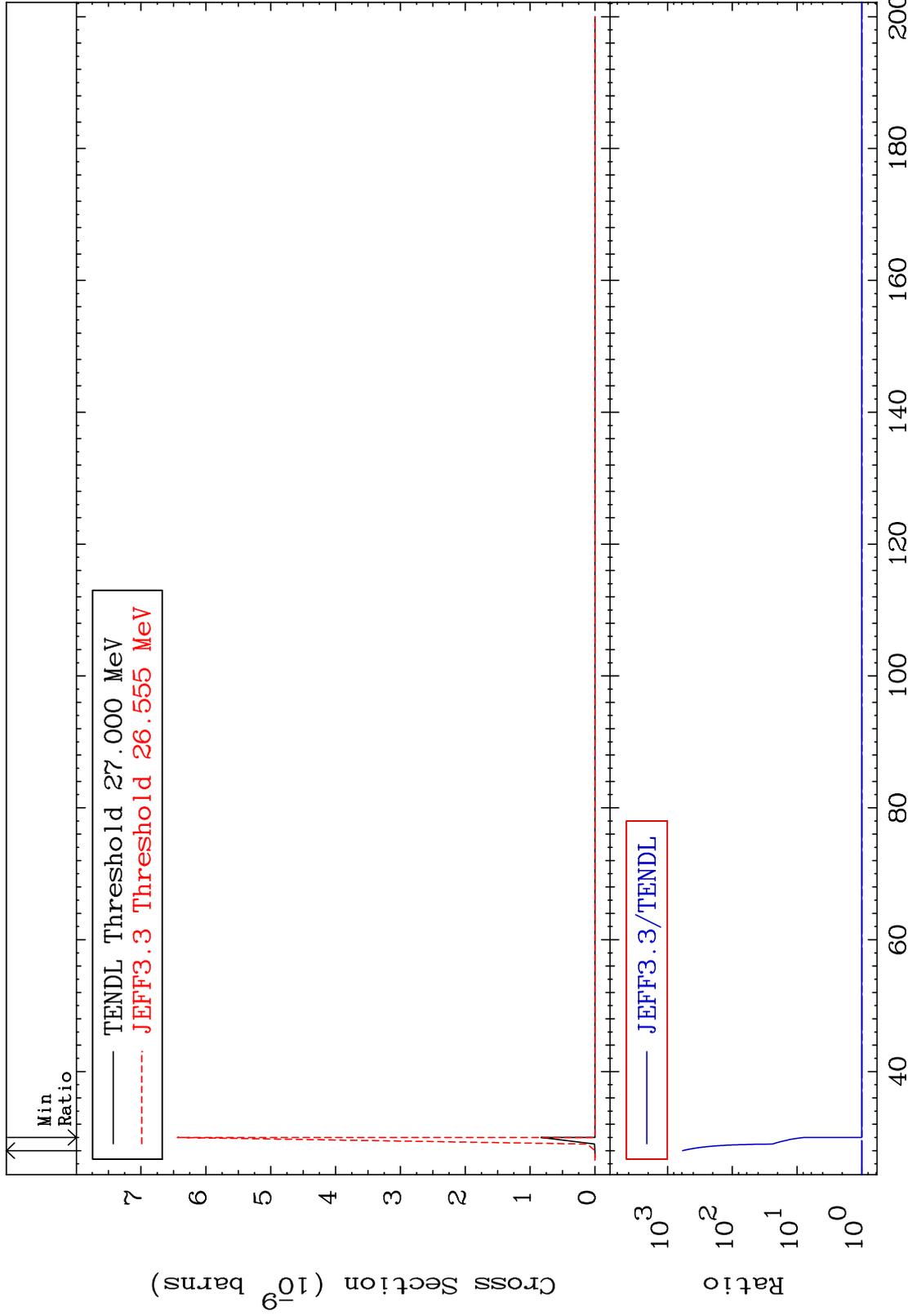


MAT 5067

(n,3n) p:49-In-123m1

50-Sn-126

Radionuclide Production Cross Section 0.000 To 9999. %



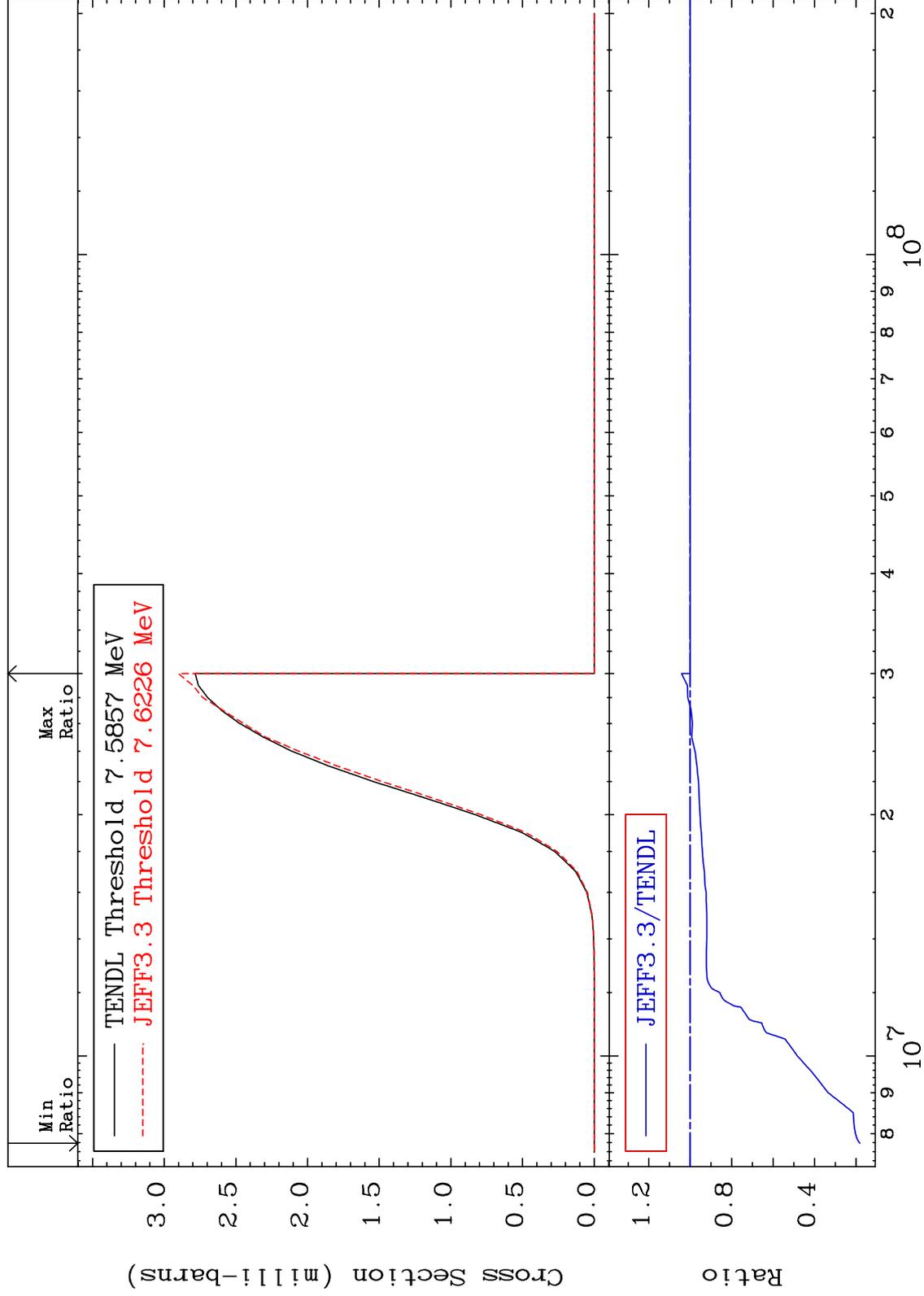


MAT 5067

(n, p) : 49-In-126m1

50-Sn-126

Radionuclide Production Cross Section -81.96 To 4.213 %

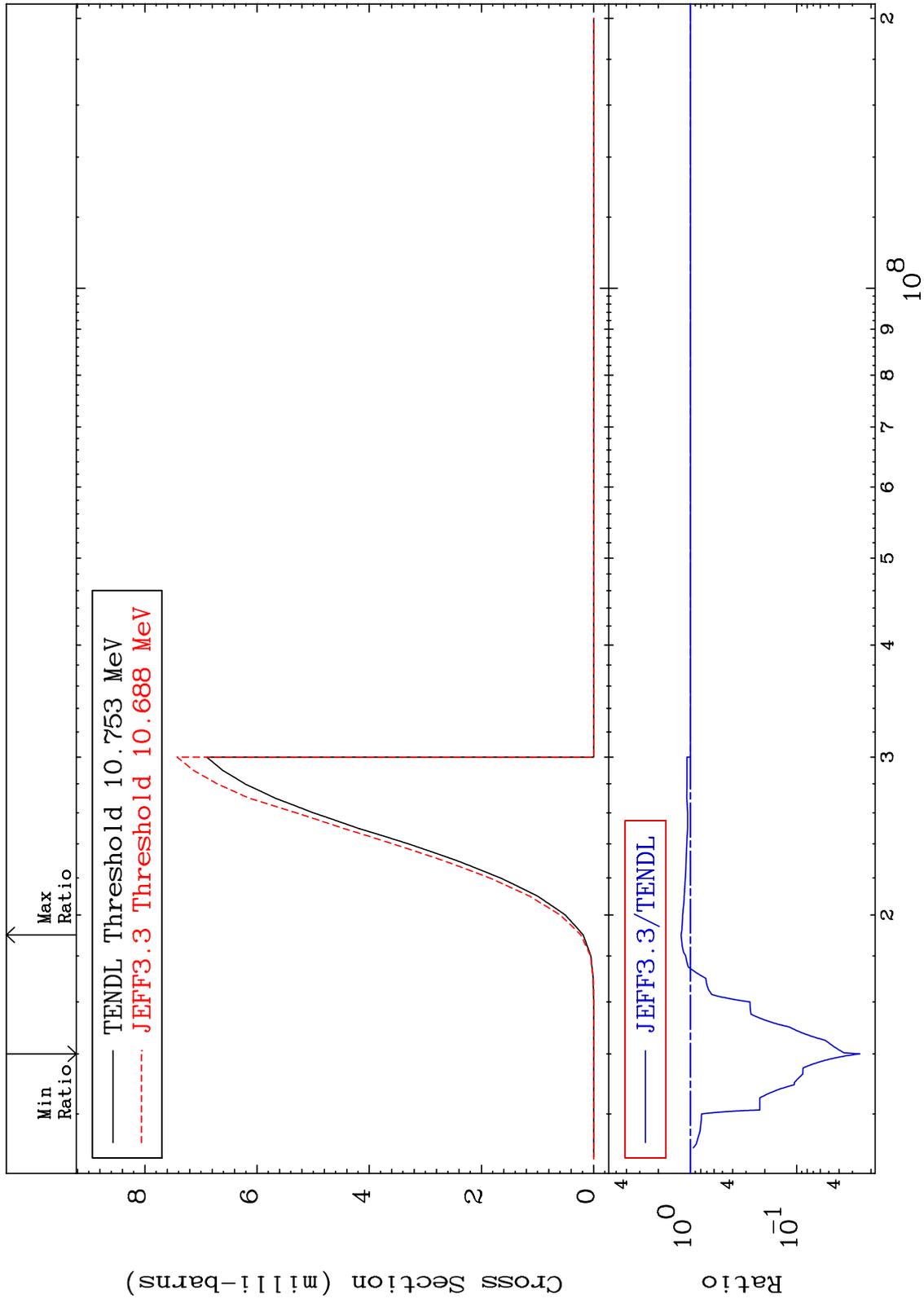


MAT 5067

(n, d): 49-In-125g

50-Sn-126

Radionuclide Production Cross Section -97.45 To 22.32 %

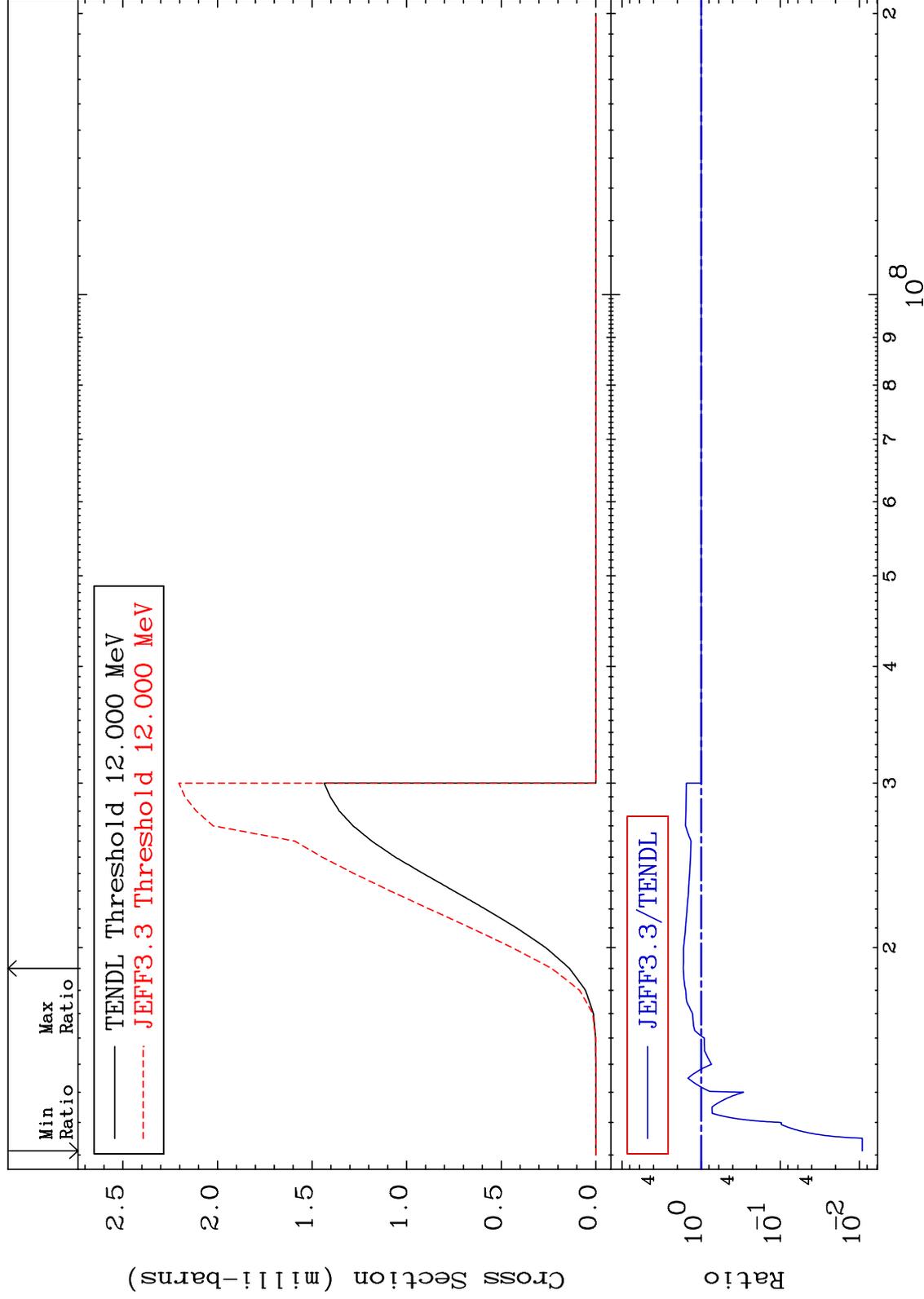


MAT 5067

(n, d) : 49-In-125m1

50-Sn-126

Radionuclide Production Cross Section -99.08 To 67.93 %



90

Incident Energy (eV)

50-Sn-126

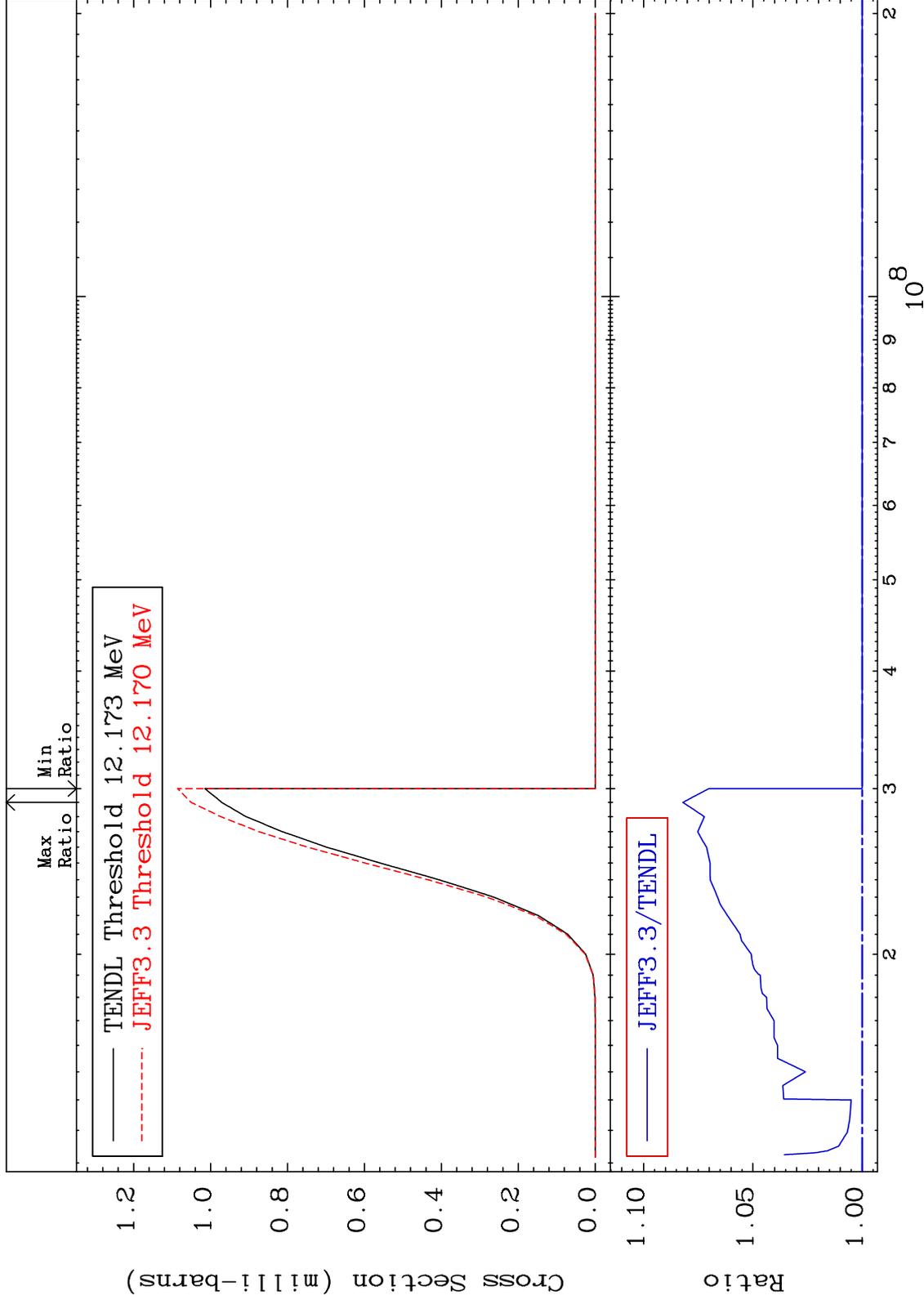


MAT 5067

(n, t) : 49-In-124m2

50-Sn-126

Radionuclide Production Cross Section 0.000 To 8.200 %

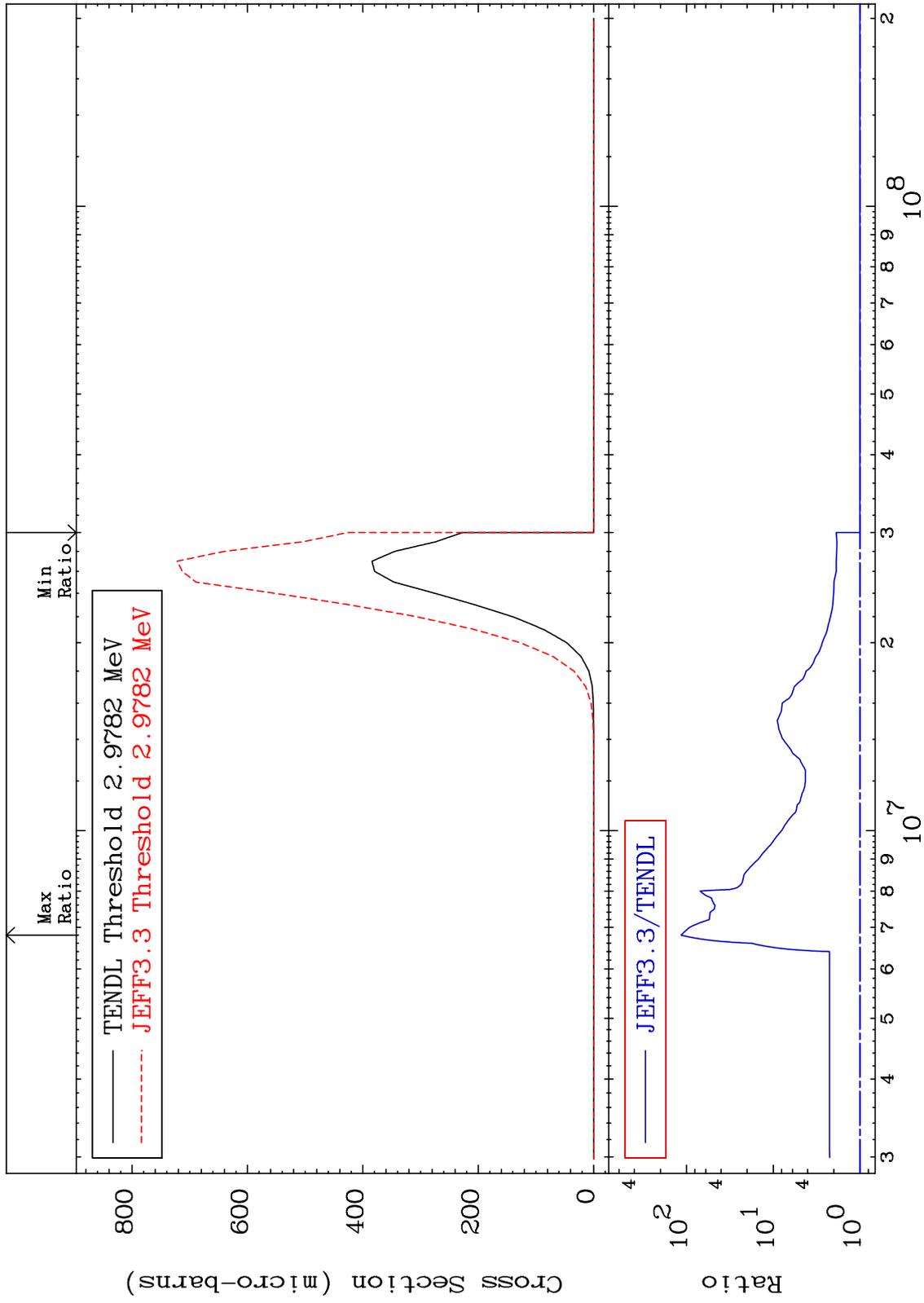


MAT 5067

(n,  $\alpha$ ): 48-Cd-123g

50-Sn-126

Radionuclide Production Cross Section 0.000 To 9999. %



MAT 5067

(n,  $\alpha$ ): 48-Cd-123m3

50-Sn-126

Radionuclide Production Cross Section 0.000 To 9999. %

