

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

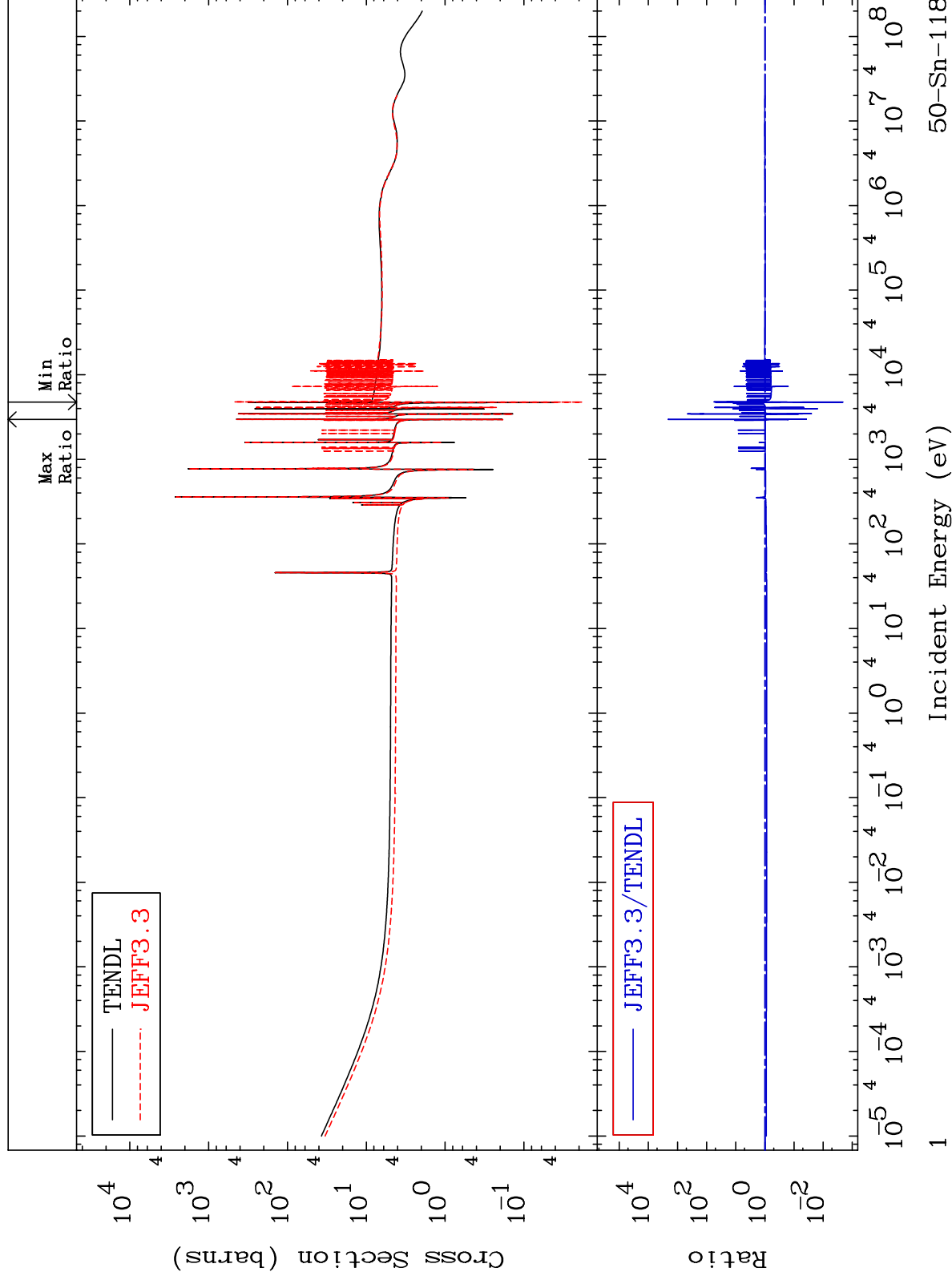
MAT 5043

Total

50-Sn-118

Cross Section

-99.79 To 9999. %



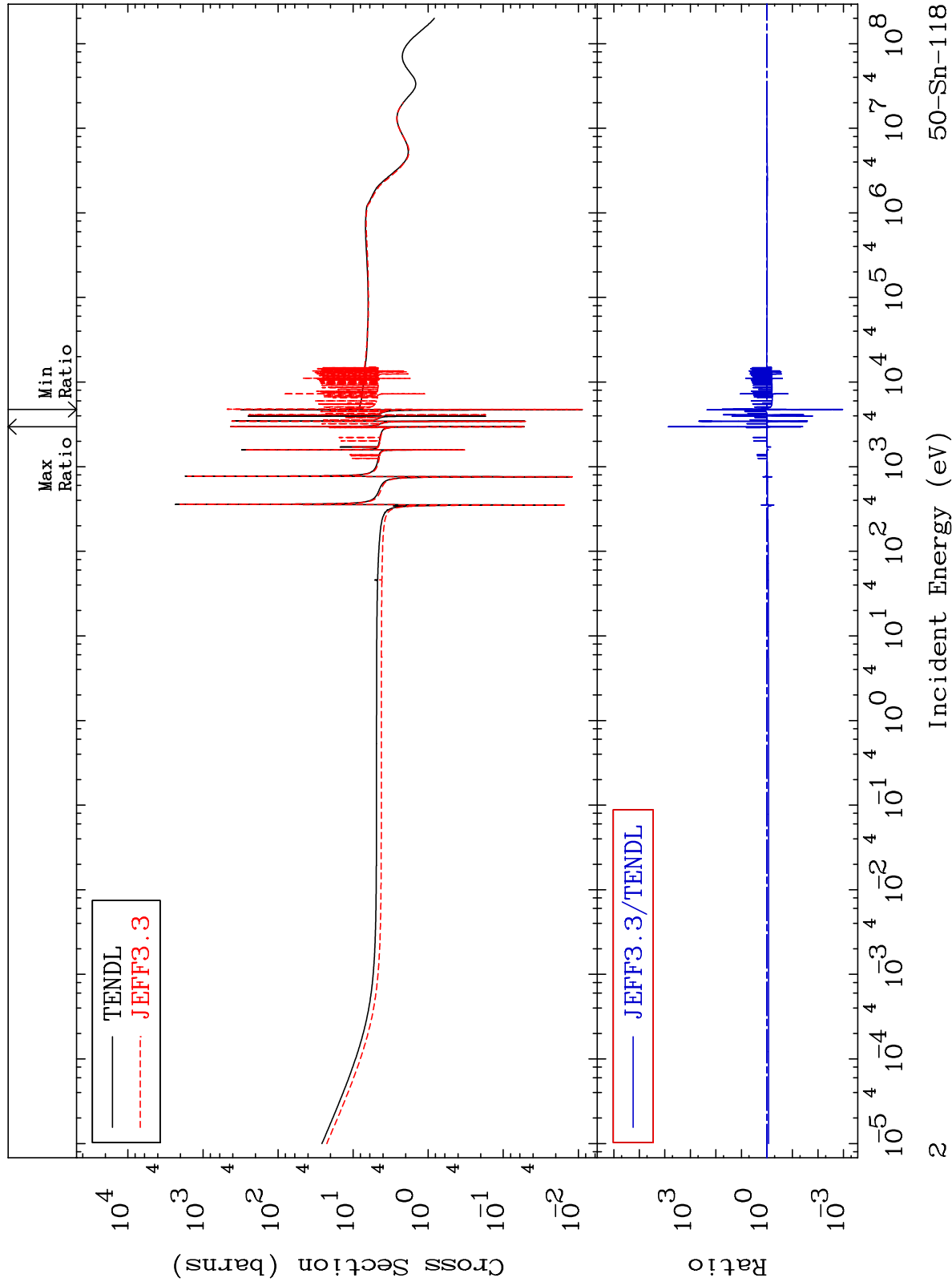
Incident Energy (eV)

50-Sn-118

MAT 5043

Elastic  
Cross Section

50-Sn-118  
-99.89 To 9999. %



50-Sn-118

Incident Energy (eV)

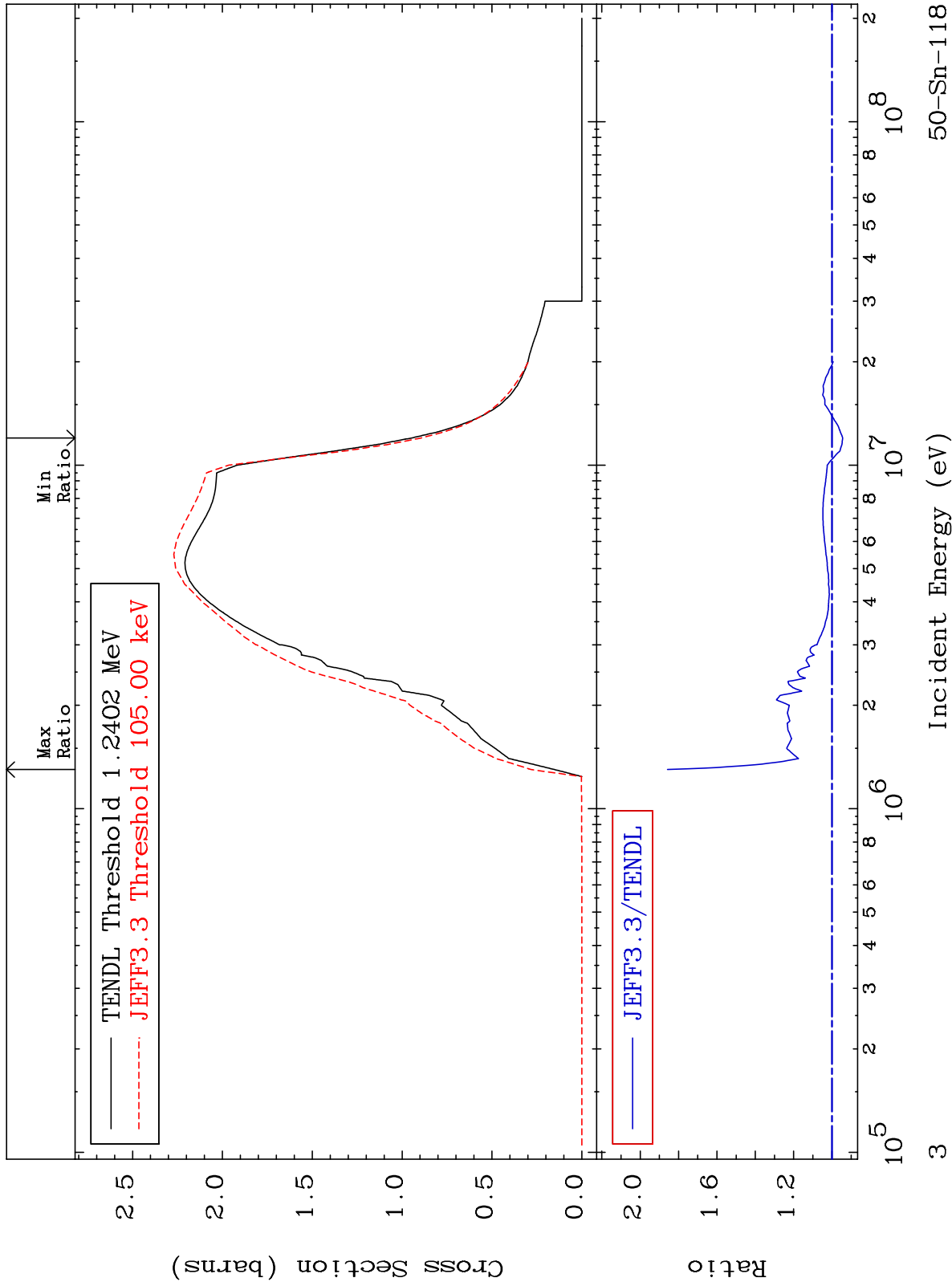
MAT 5043

Inelastic

50-Sn-118

Cross Section

-5.558 To 85.75 %



3

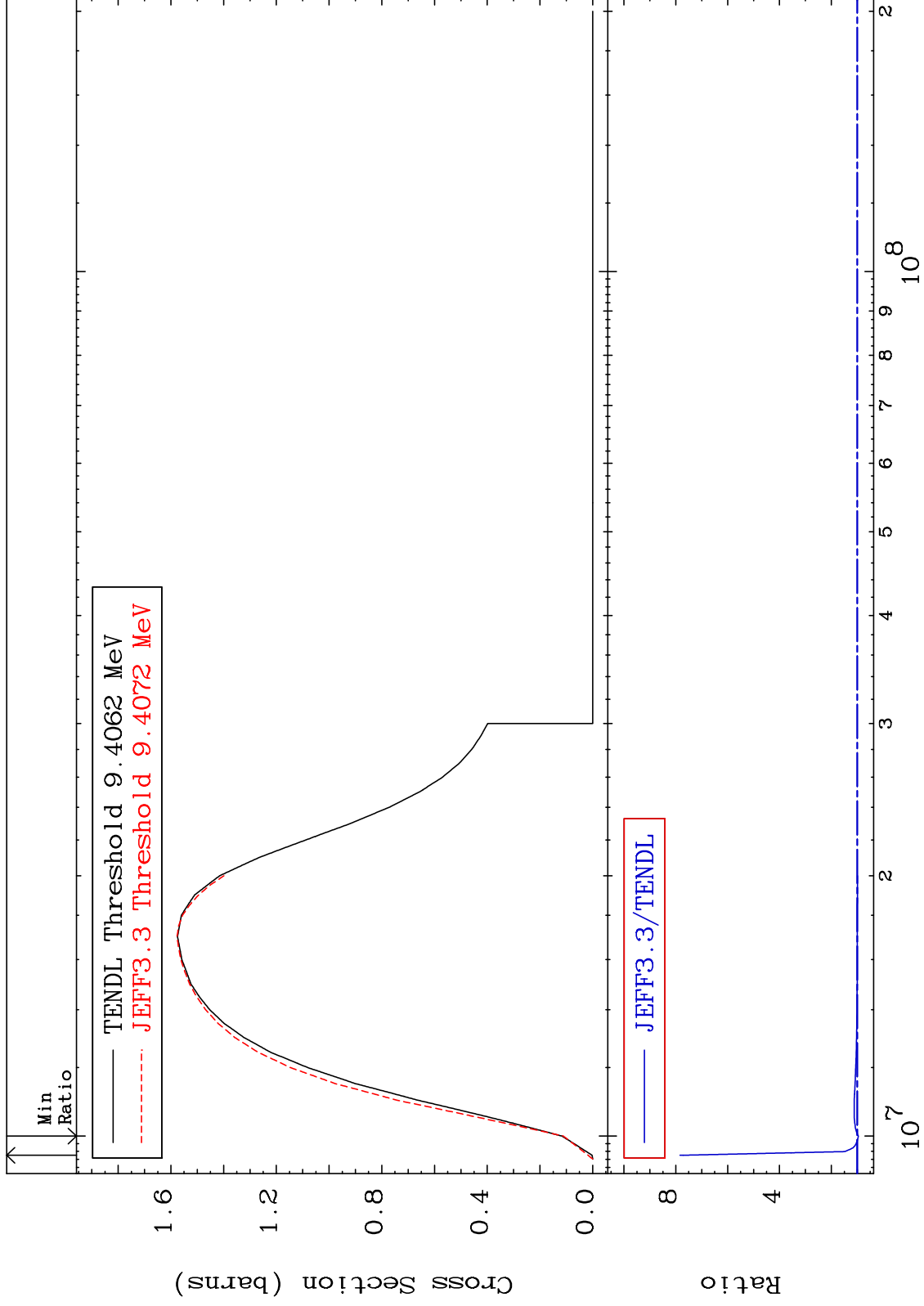
MAT 5043

(n,2n)

50-Sn-118

Cross Section

-4.408 To 683.7 %



Incident Energy (eV)

50-Sn-118

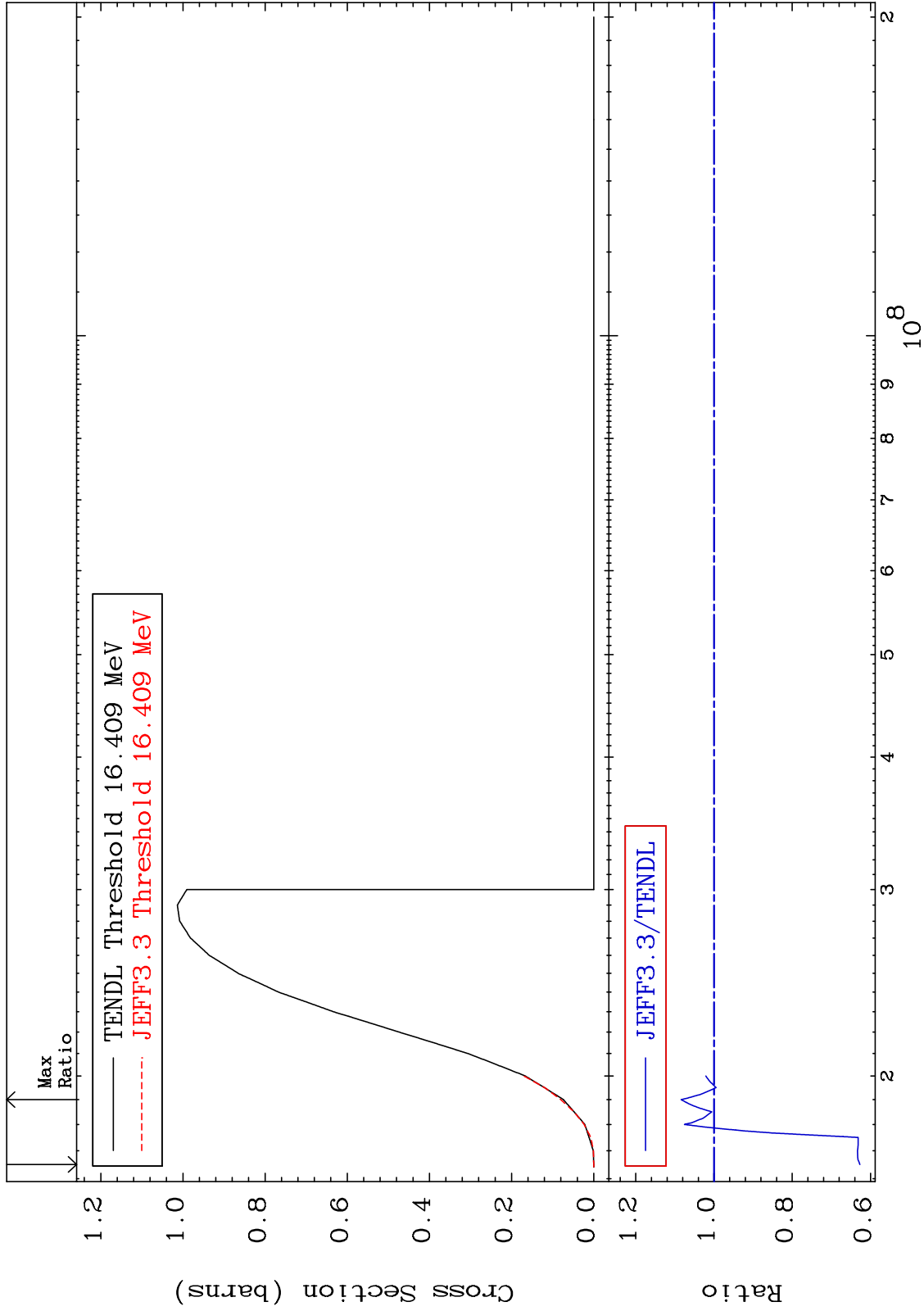
MAT 5043

(n, 3n)

50-Sn-118

Cross Section

-37.30 To 8.381 %



5

Incident Energy (eV)

50-Sn-118

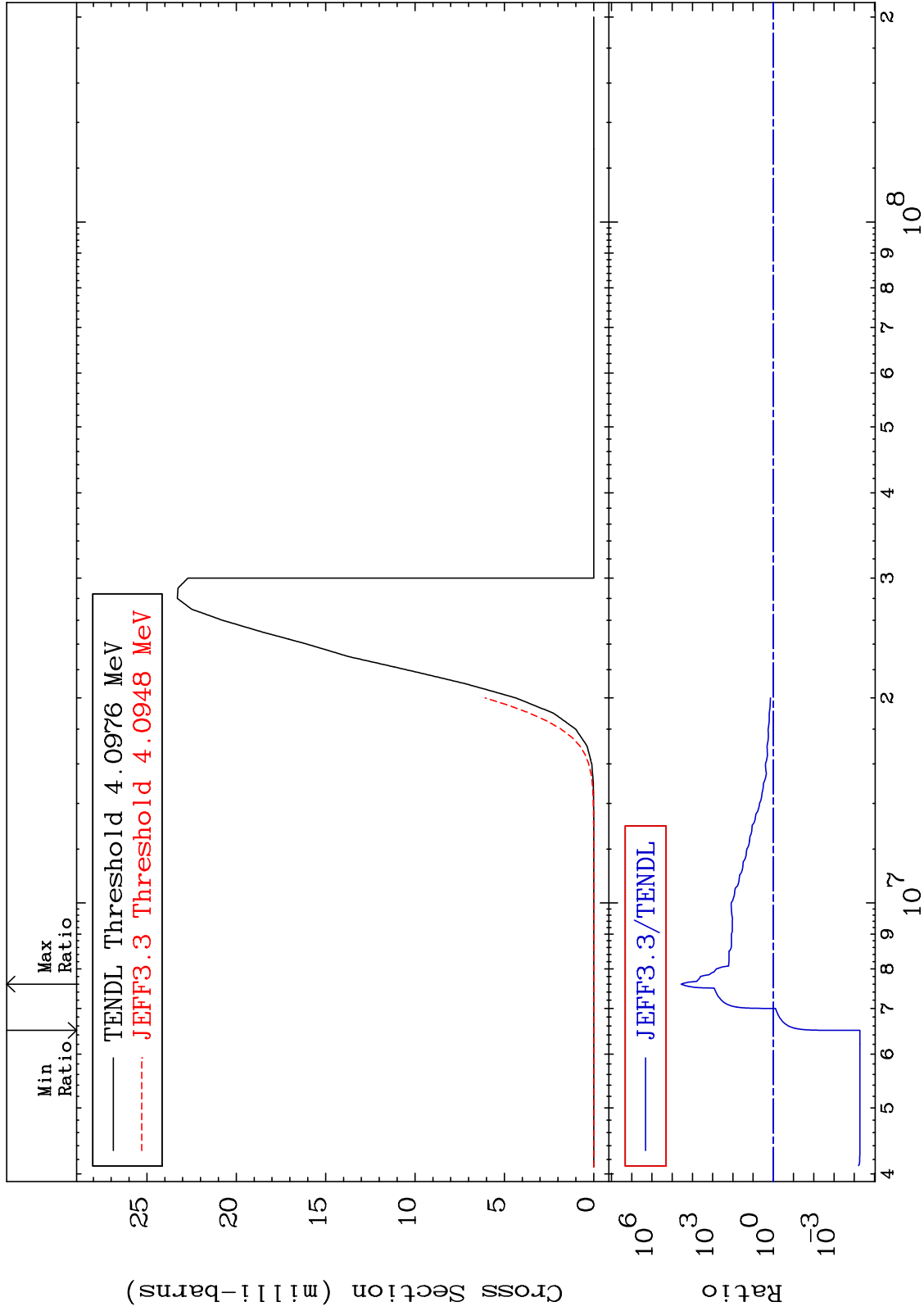
MAT 5043

(n,n')  $\alpha$

50-Sn-118

Cross Section

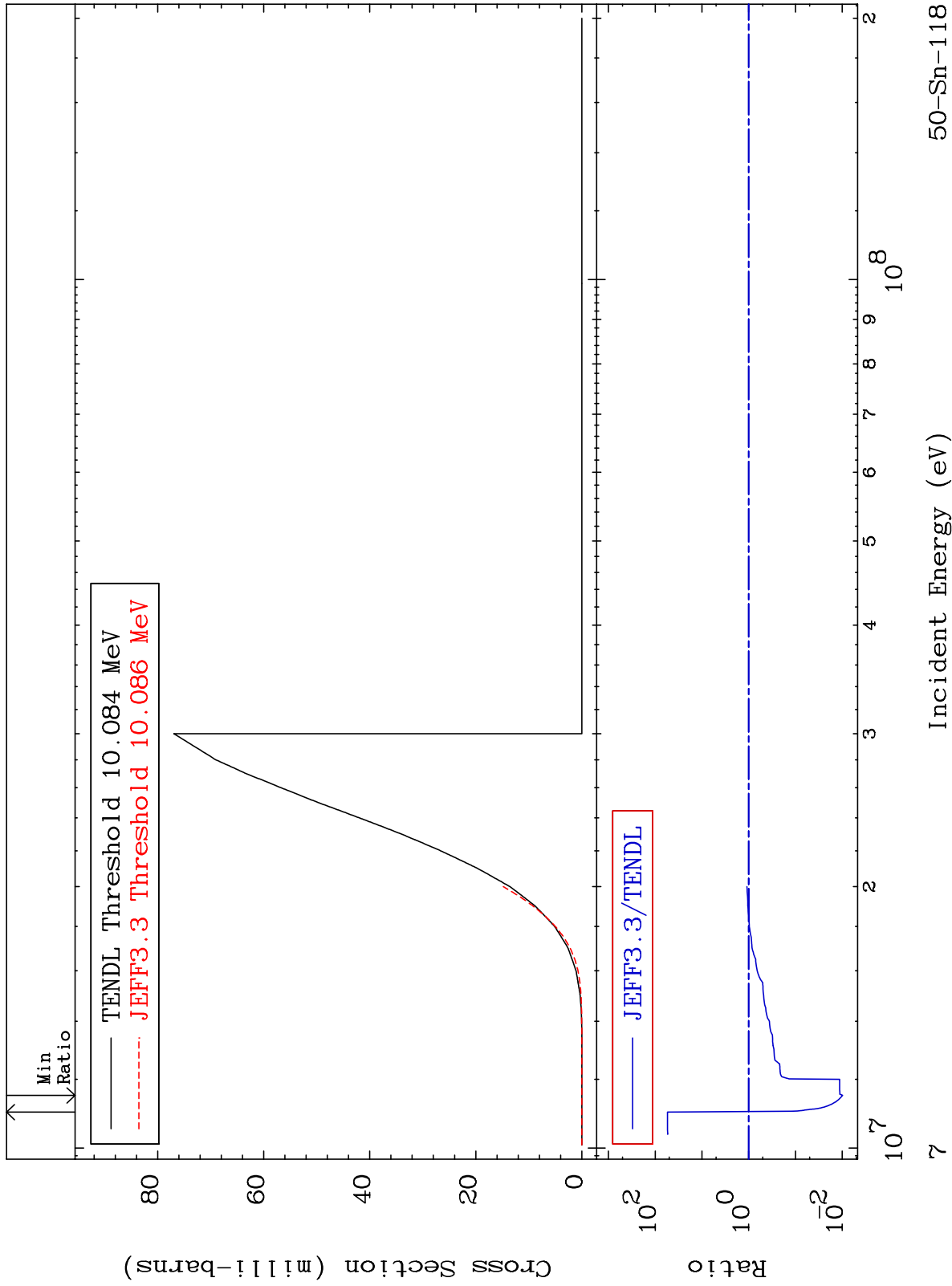
-99.99 To 9999. %



MAT 5043

(n,n') p  
Cross Section

50-Sn-118  
-99.02 To 5338. %

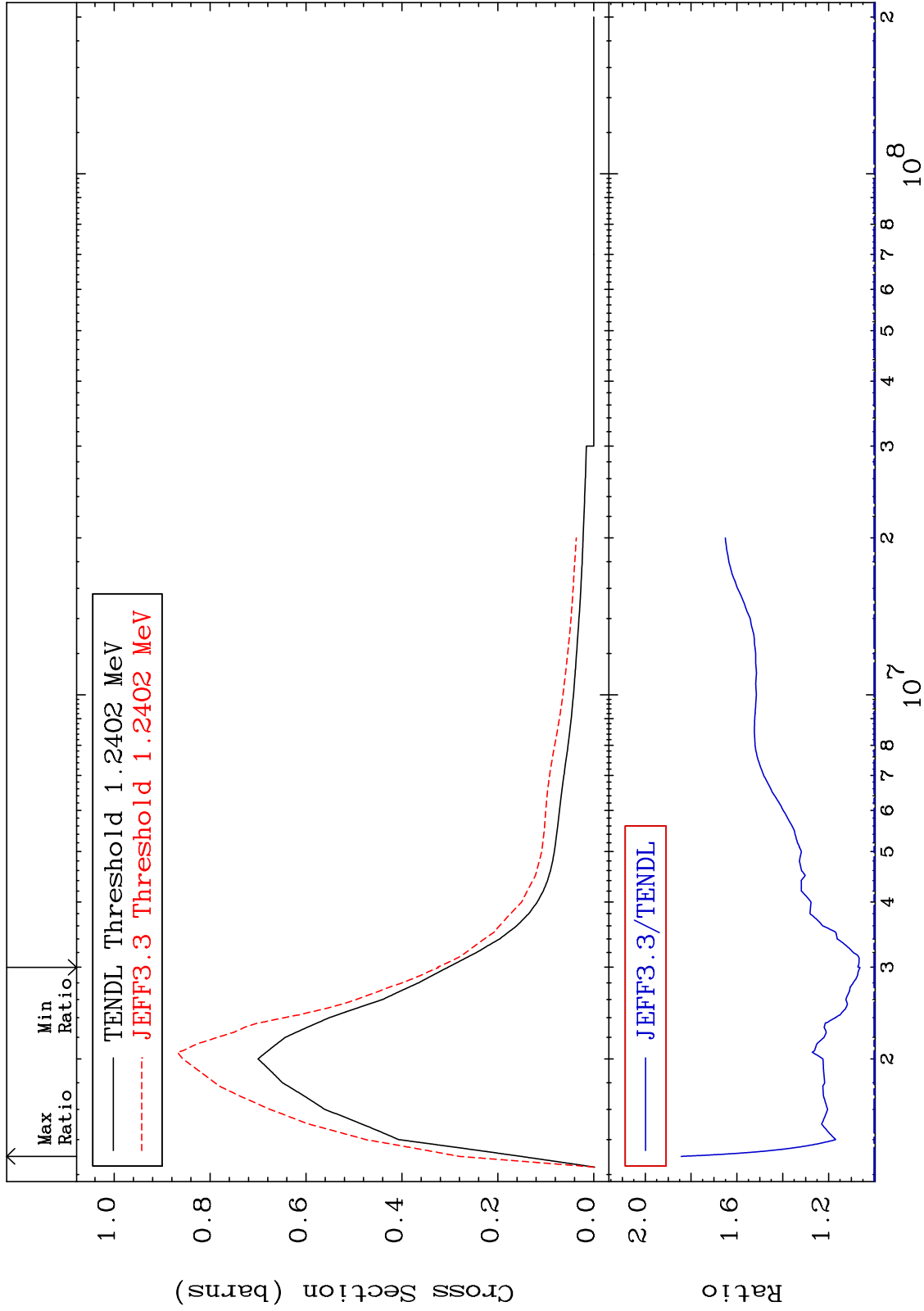




MAT 5043

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

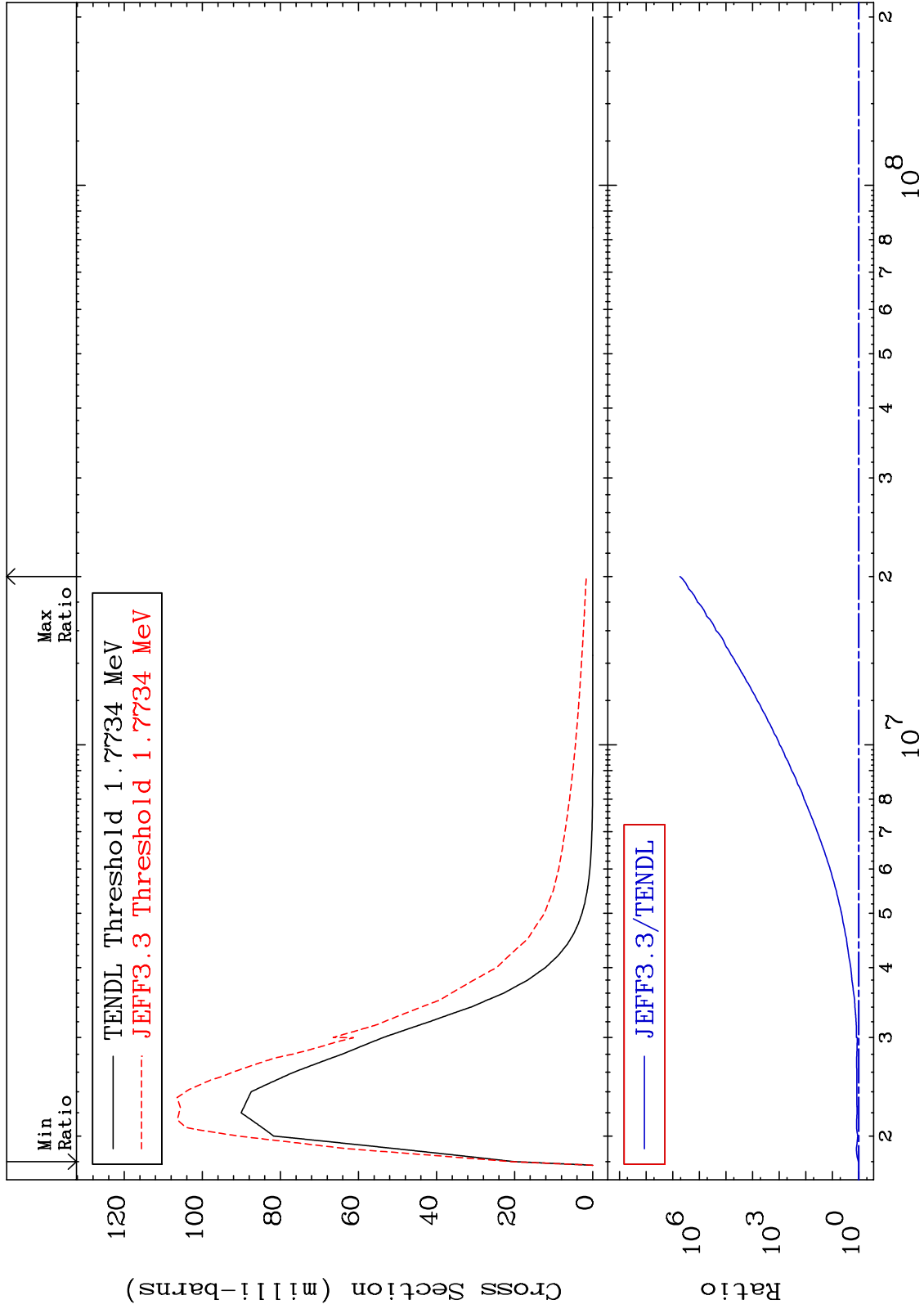
50-Sn-118  
6.303 To 84.30 %



MAT 5043

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

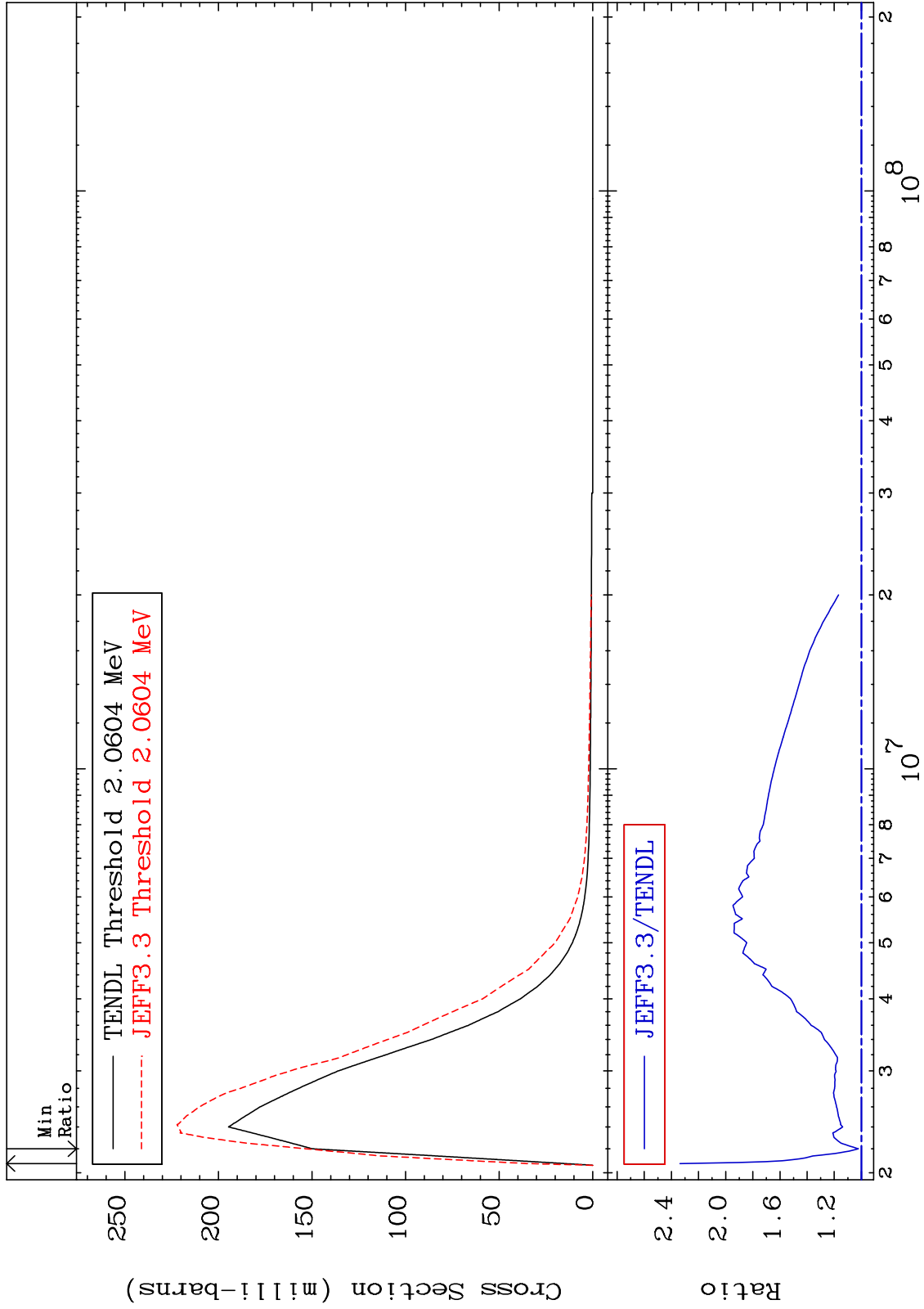
50-Sn-118  
4.394 To 9999. %



MAT 5043

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

50-Sn-118  
2.192 To 133.7 %



10

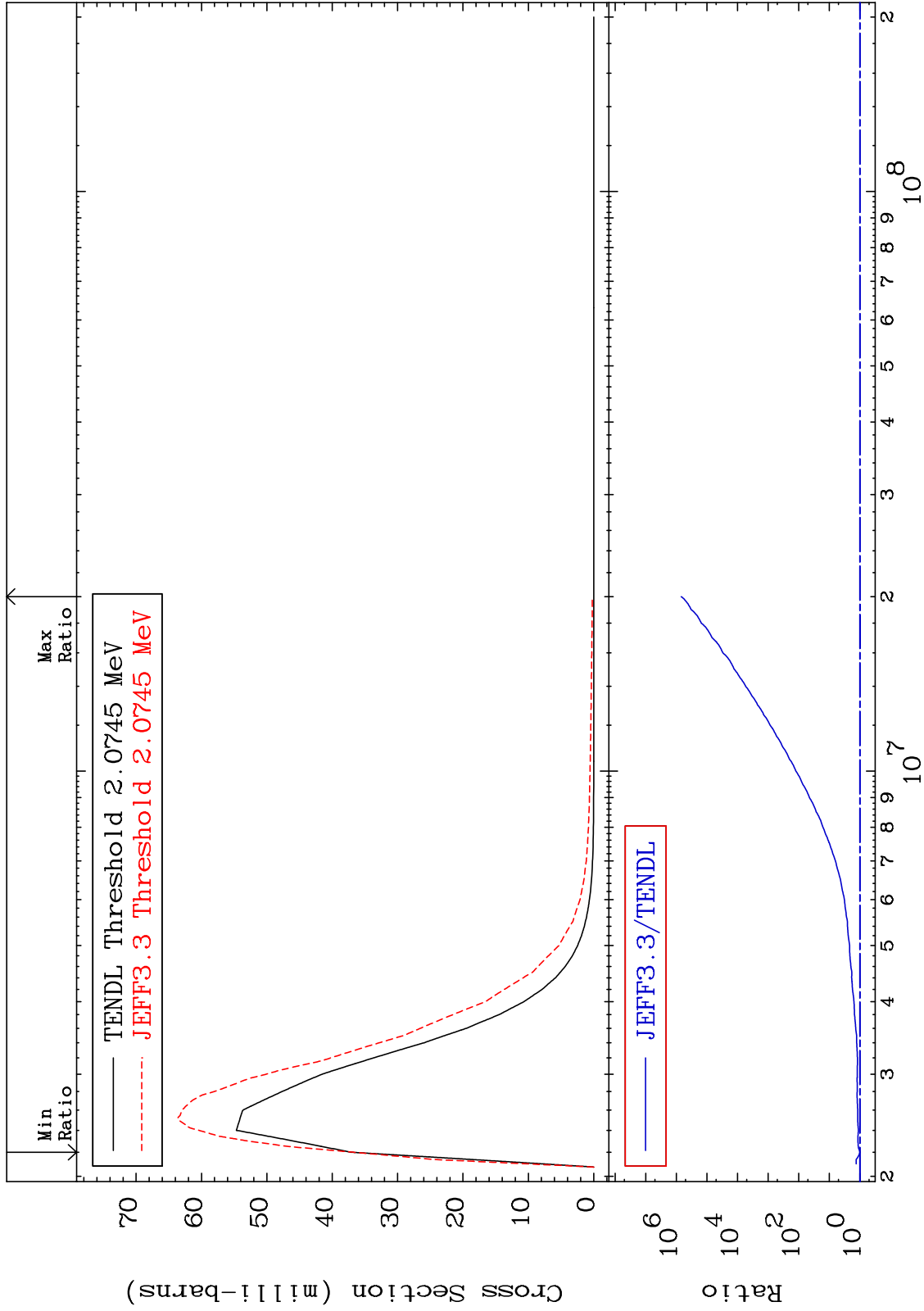
Incident Energy (eV)

50-Sn-118

MAT 5043

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

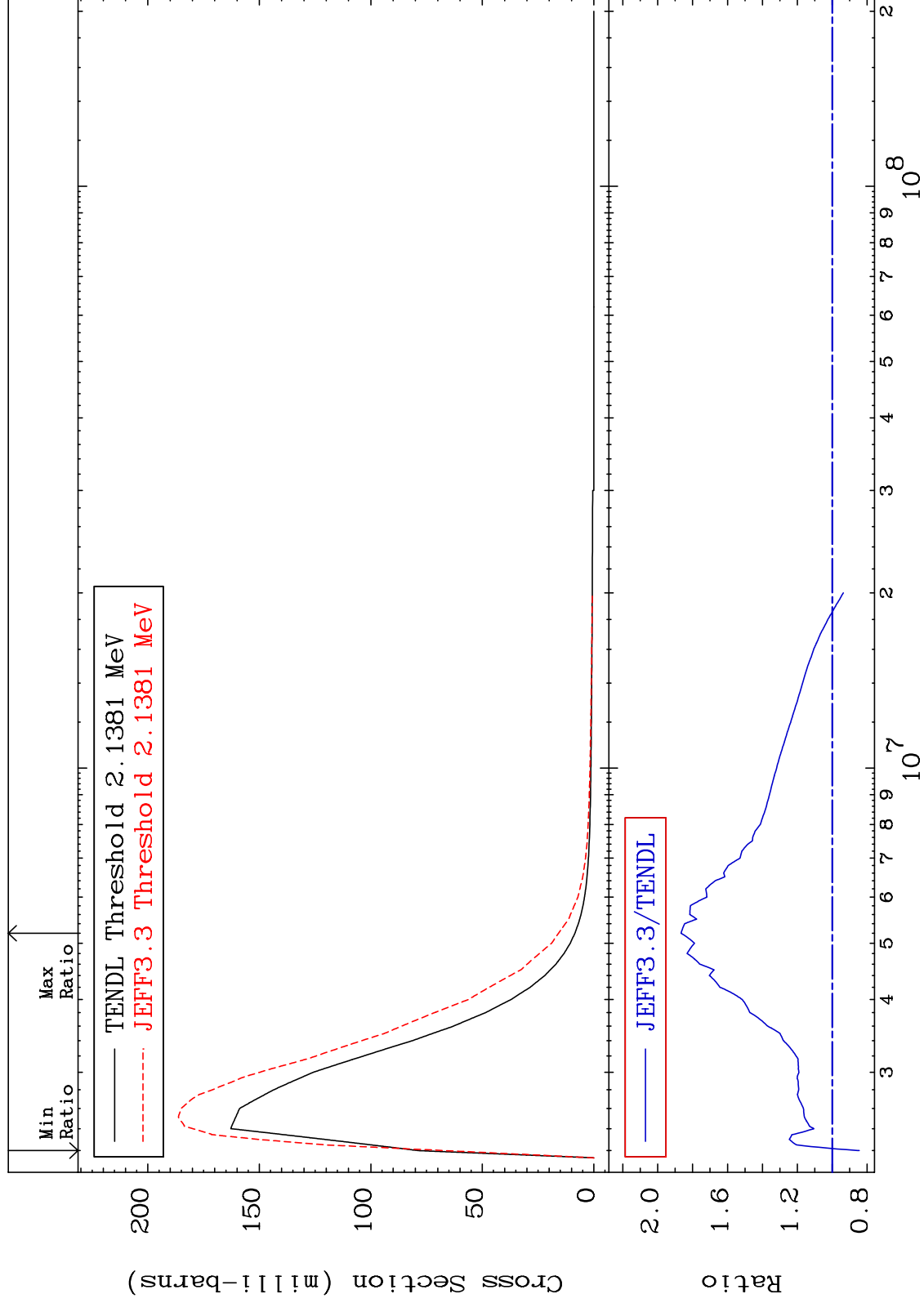
50-Sn-118  
-1.085 To 9999. %



MAT 5043

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

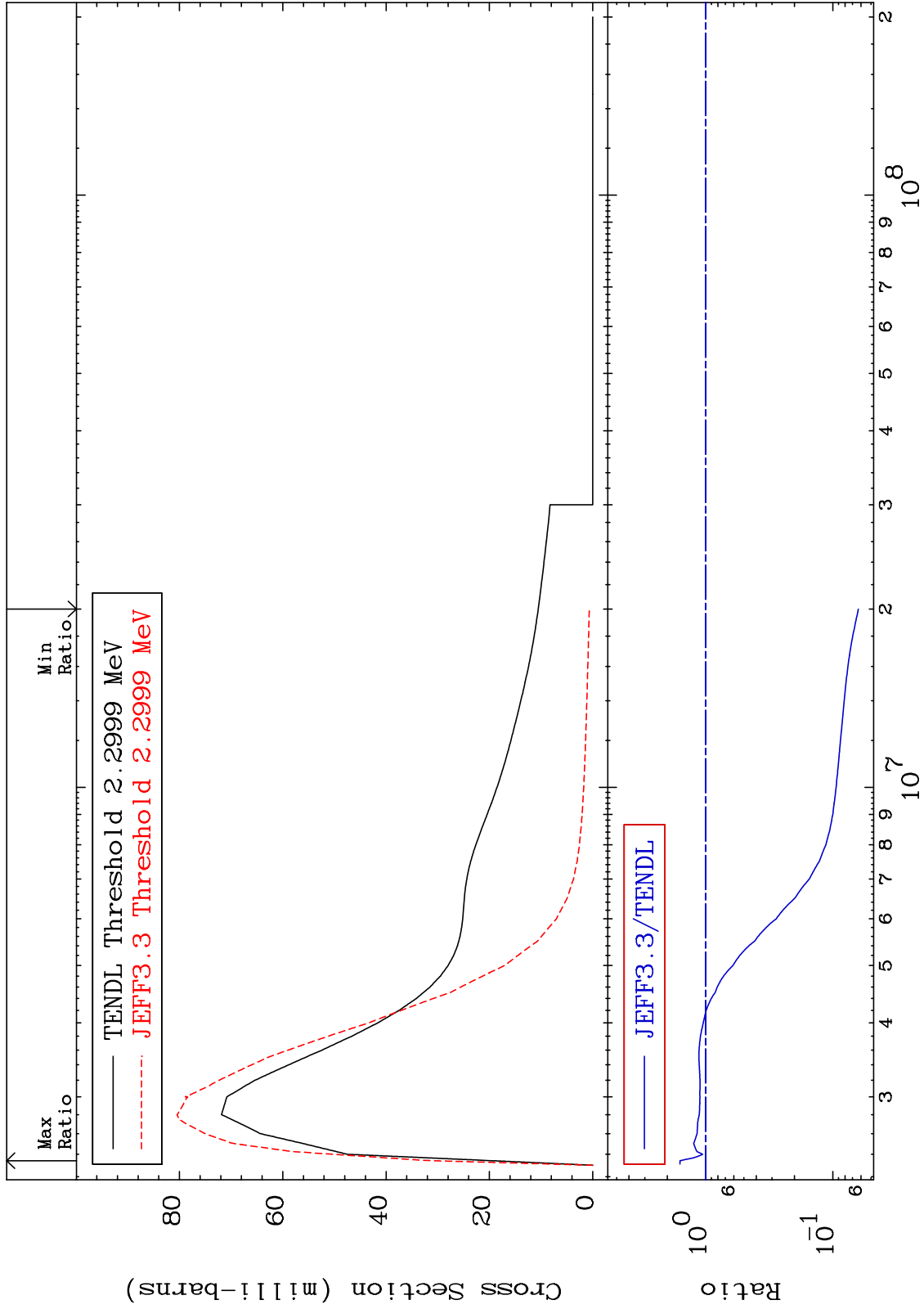
50-Sn-118  
-15.47 To 86.61 %

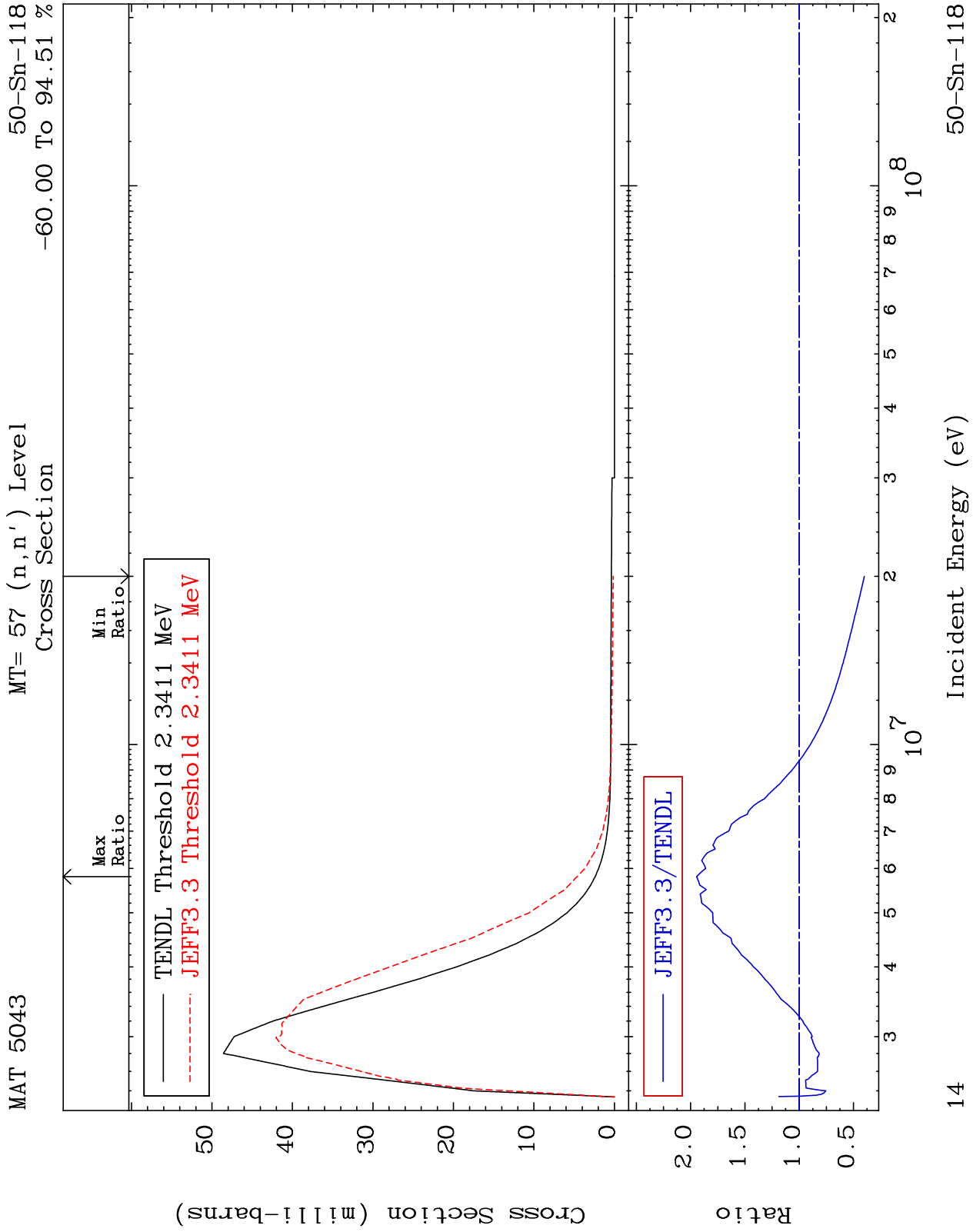


MAT 5043

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

50-Sn-118  
-93.71 To 58.84 %

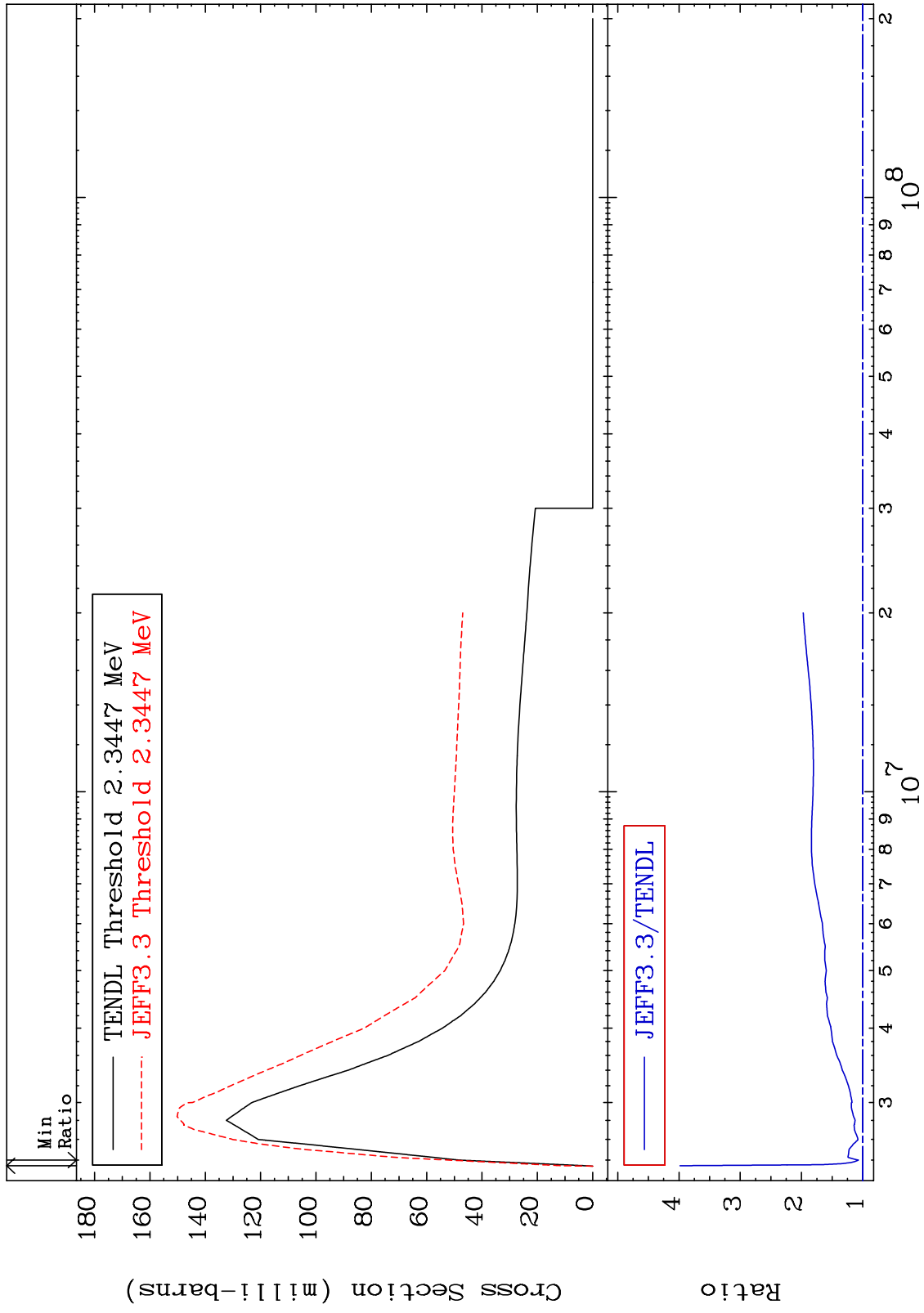




MAT 5043

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

7.153 To 298.3 %  
50-Sn-118

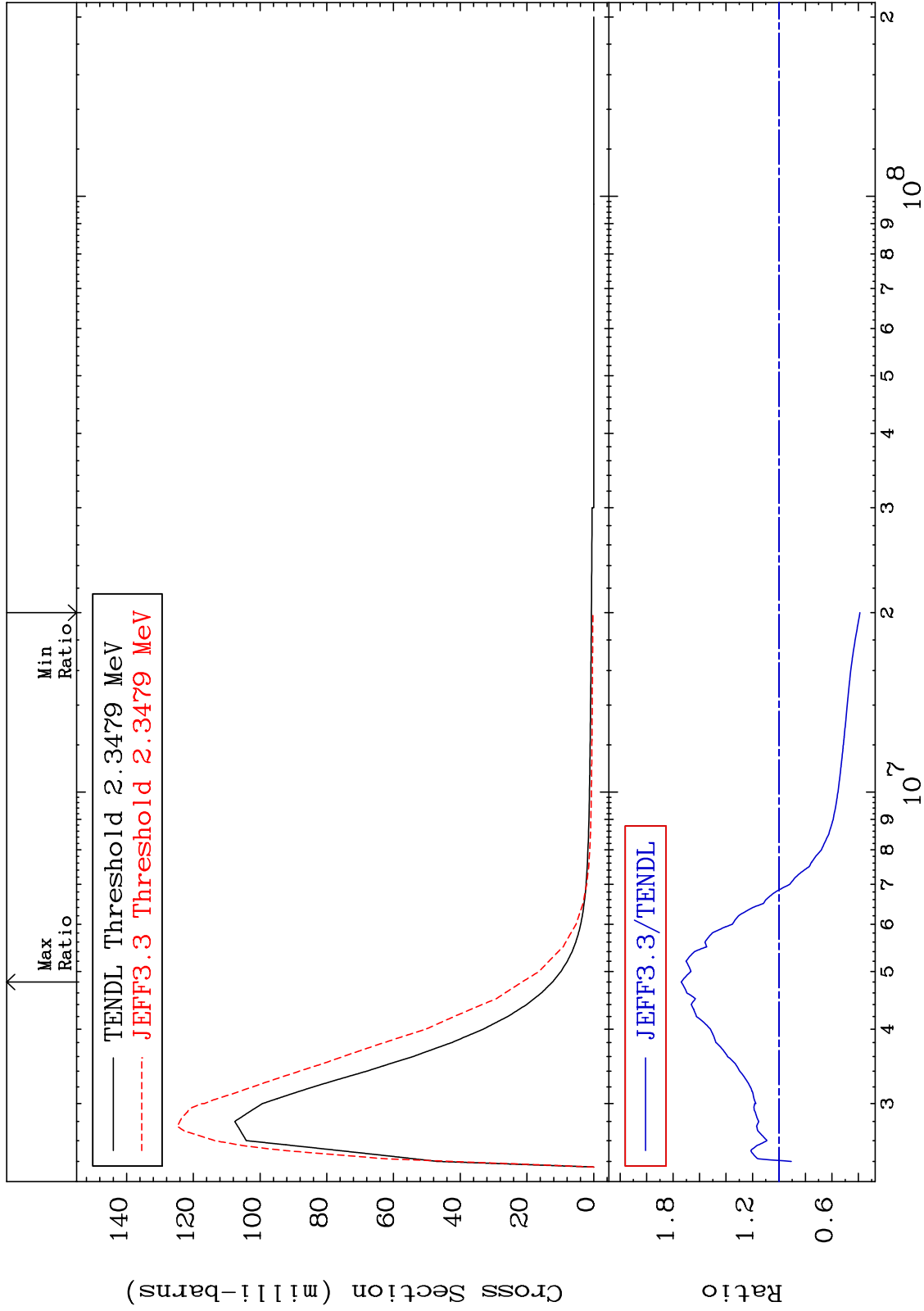




MAT 5043

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

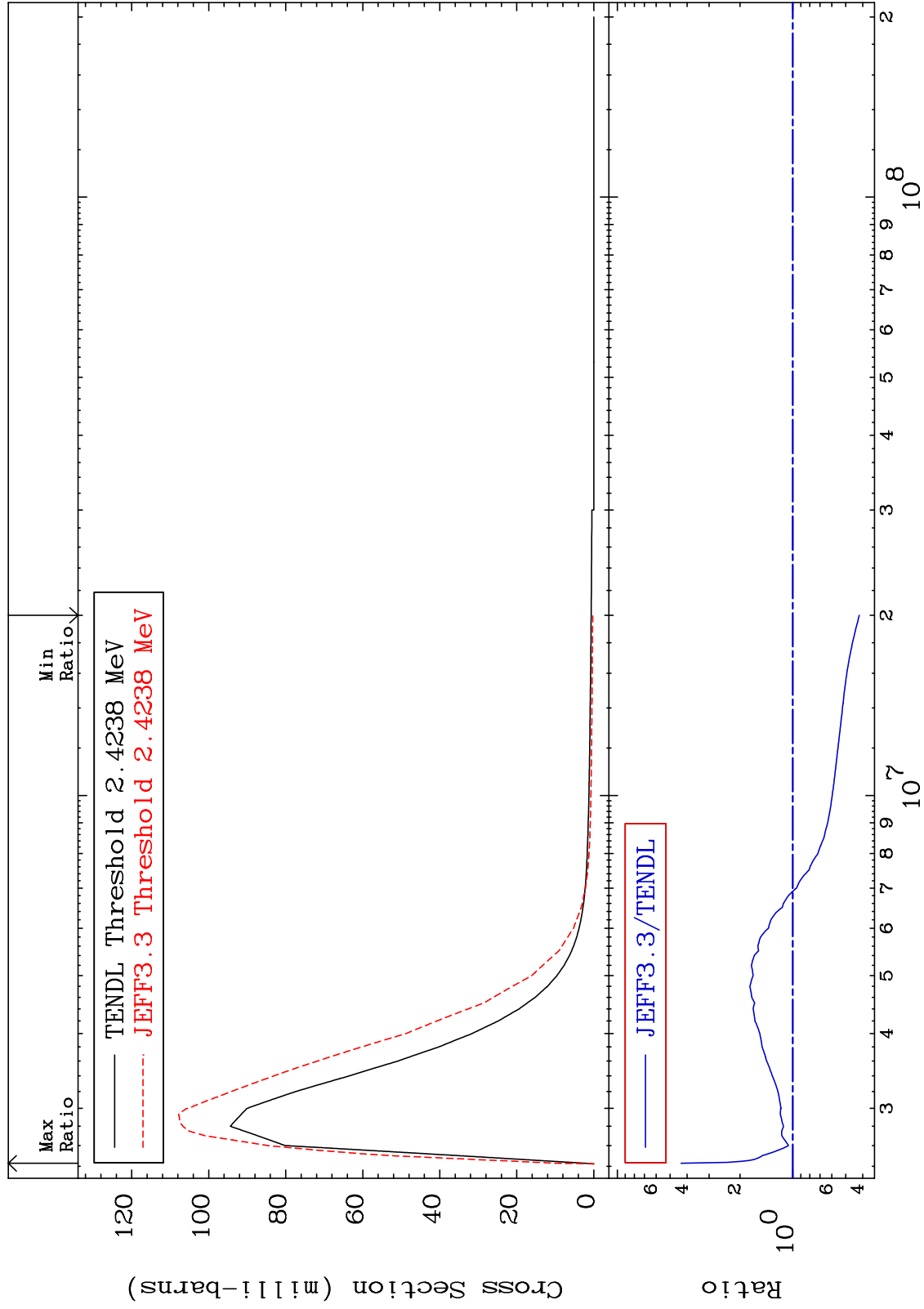
50-Sn-118  
-61.16 To 73.87 %



MAT 5043

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

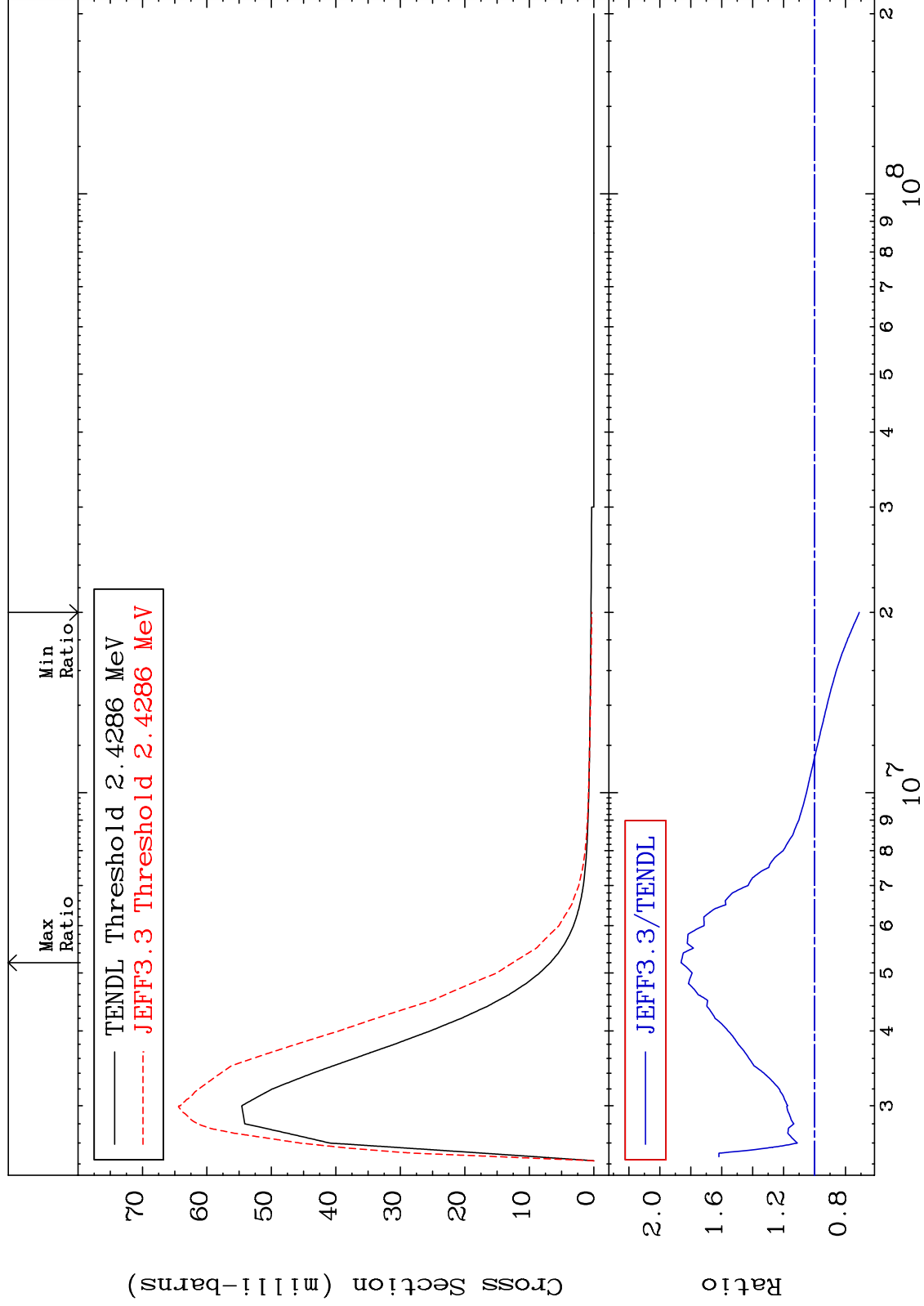
50-Sn-118  
-58.14 To 333.2 %



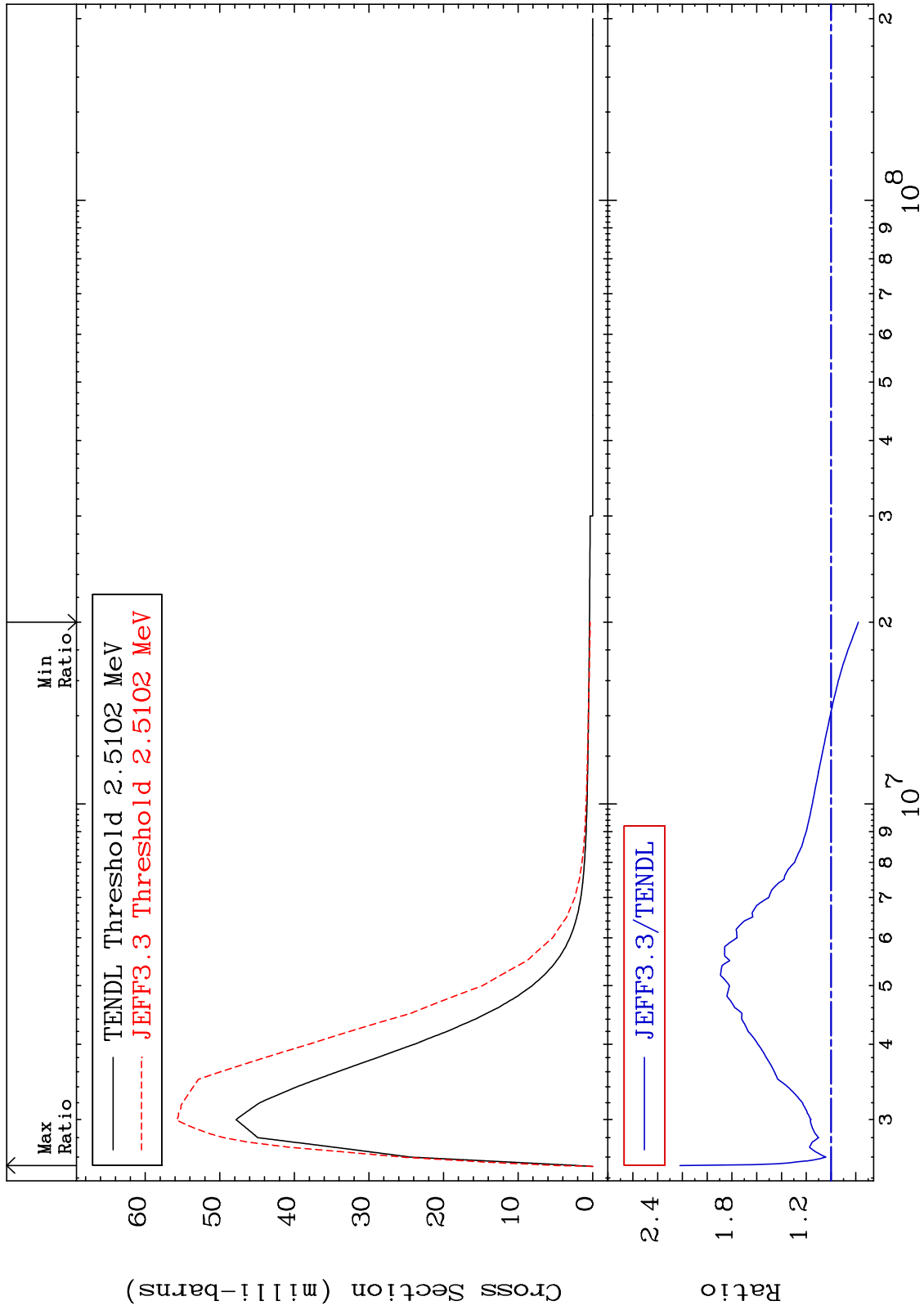
MAT 5043

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

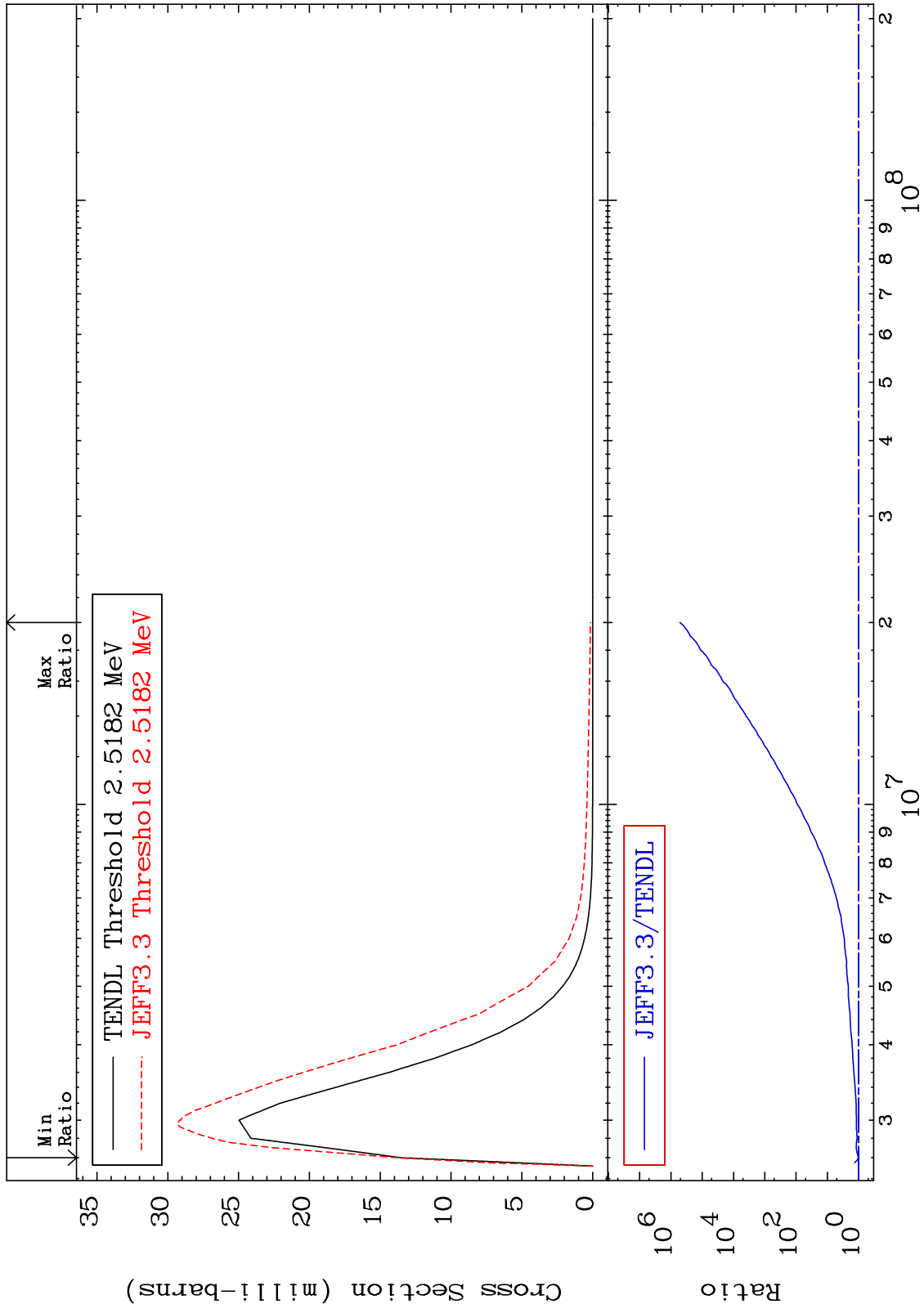
50-Sn-118  
-28.83 To 86.27 %



MAT 5043 MT= 62 (n,n') Level Cross Section 50-Sn-118 -22.08 To 121.9 %



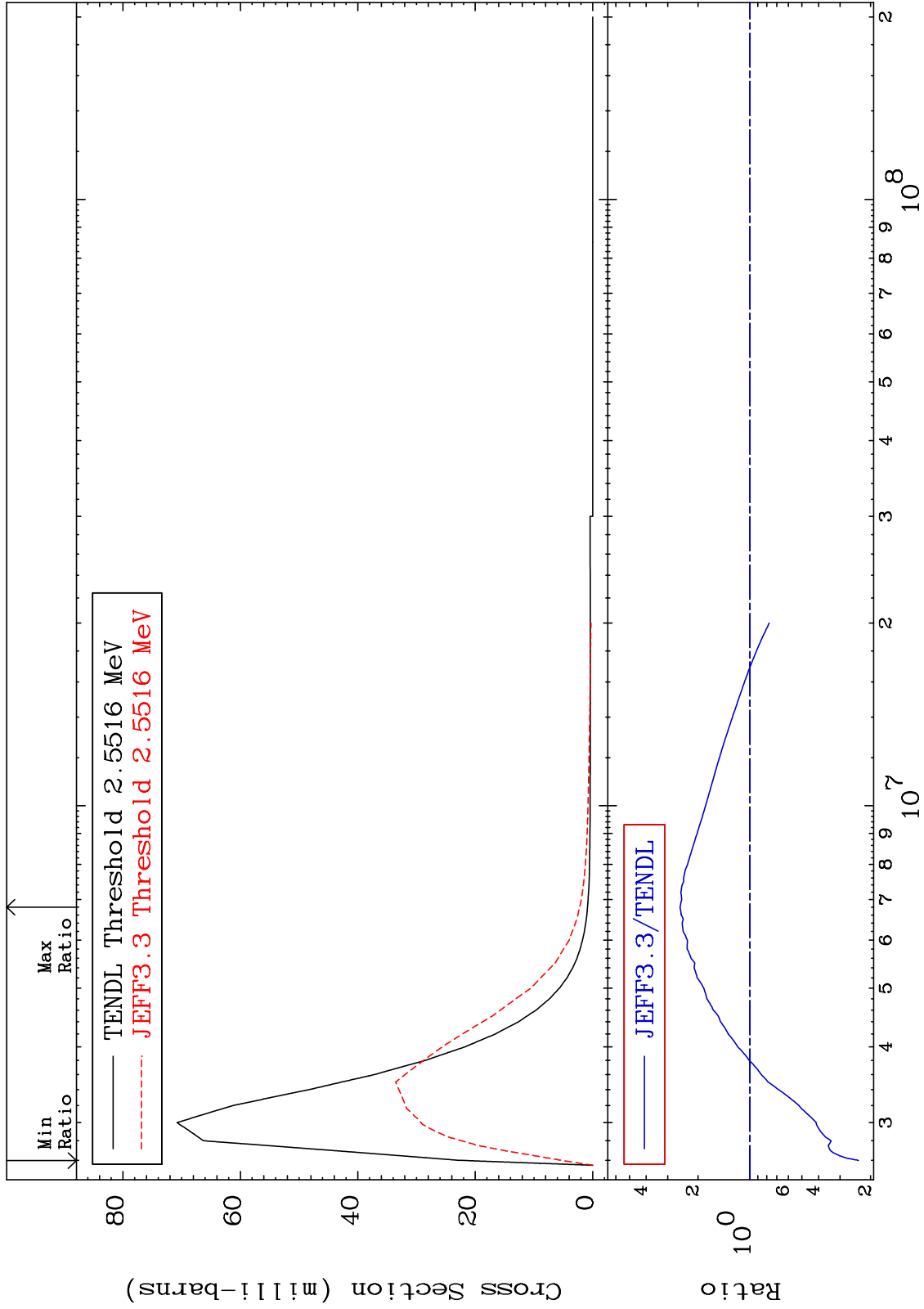
MAT 5043 MT= 63 (n,n') Level Cross Section 50-Sn-118 To 9999. %  
 1.843



MAT 5043

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

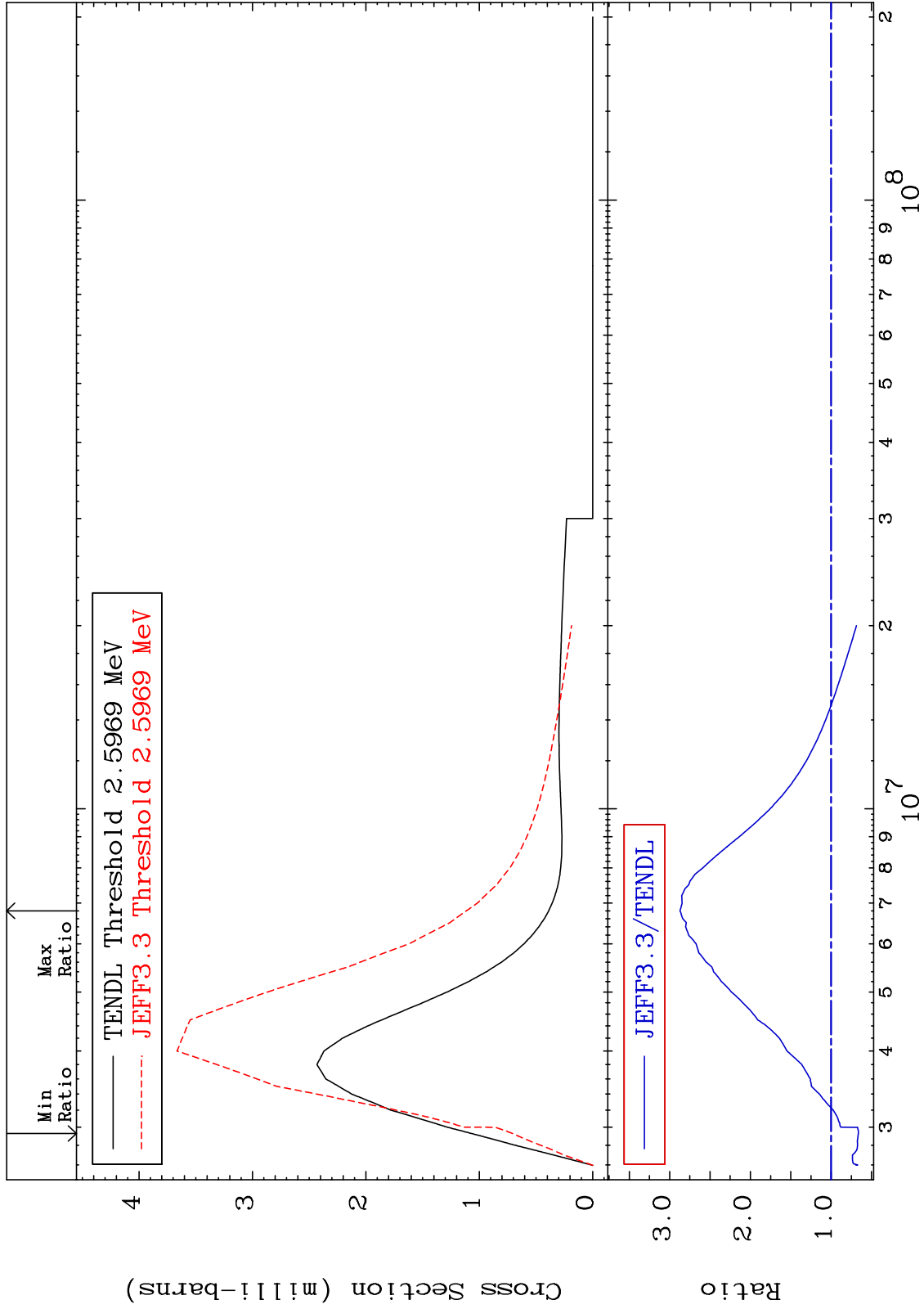
50-Sn-118  
-76.49 To 154.6 %



MAT 5043

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

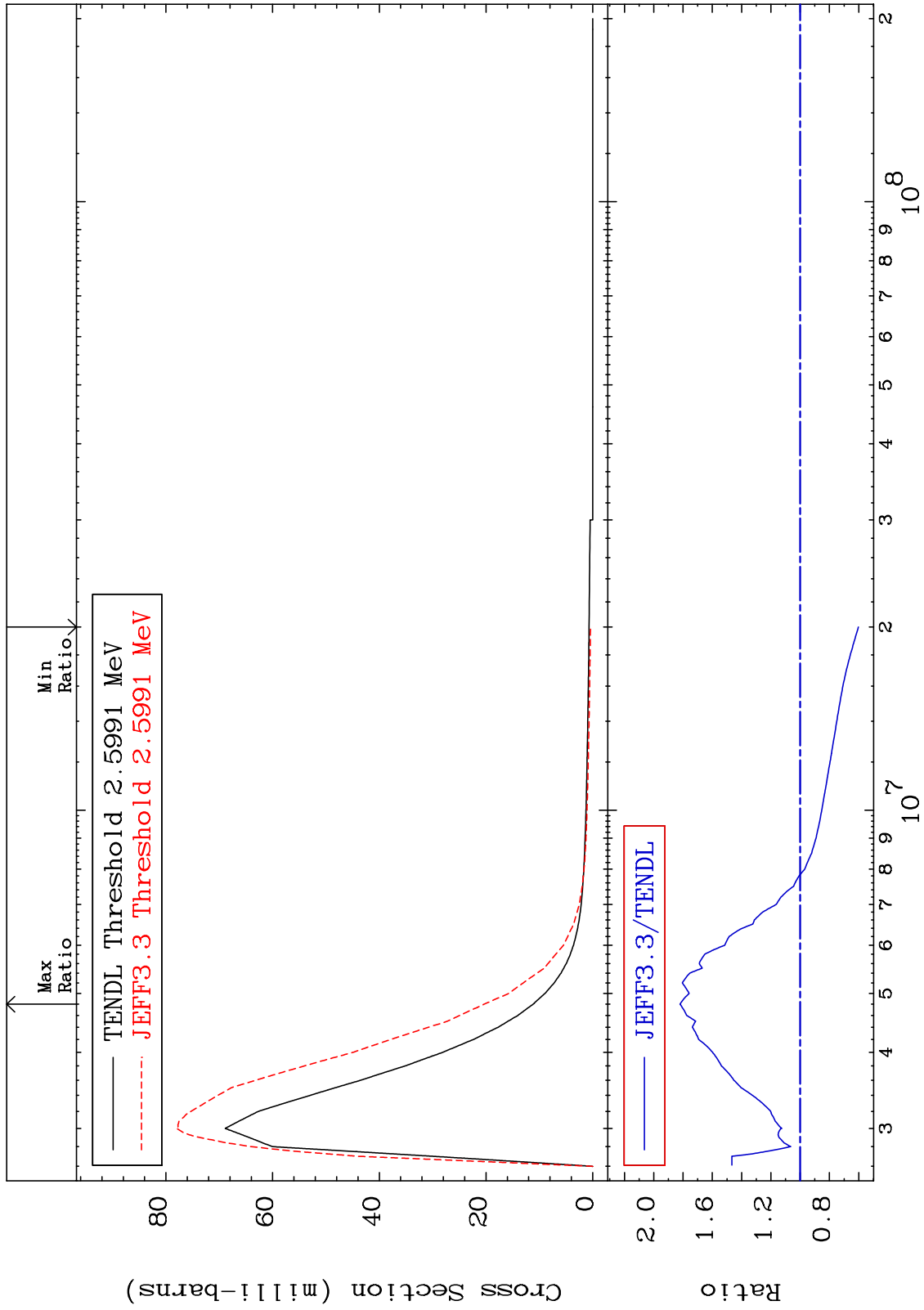
50-Sn-118  
-33.79 To 187.2 %



MAT 5043

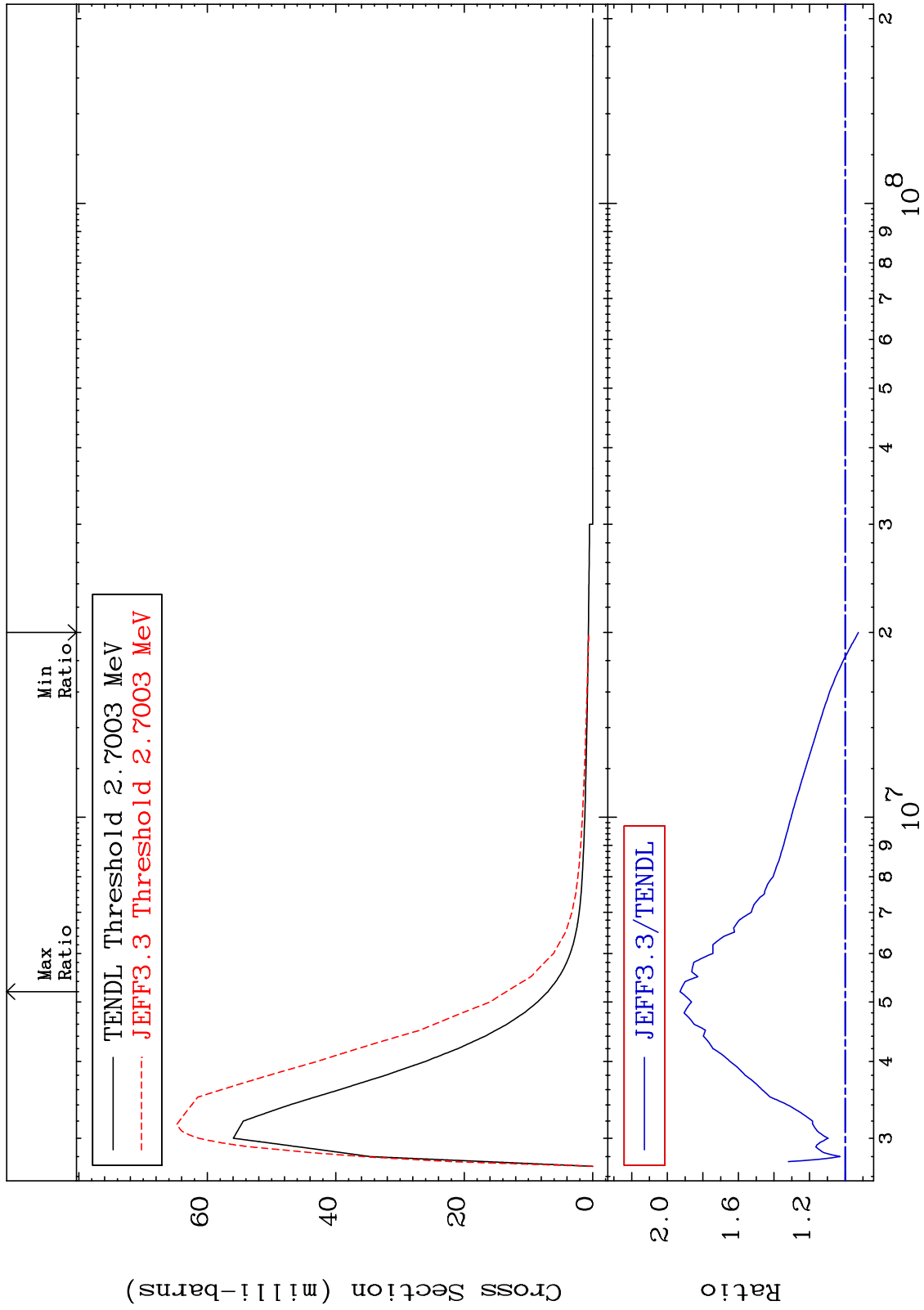
MT= 66 (n,n') Level  
Cross Section

50-Sn-118  
-39.78 To 82.06 %





MAT 5043 MT= 67 (n,n') Level  
 Cross Section 50-Sn-118  
 -7.443 To 92.85 %

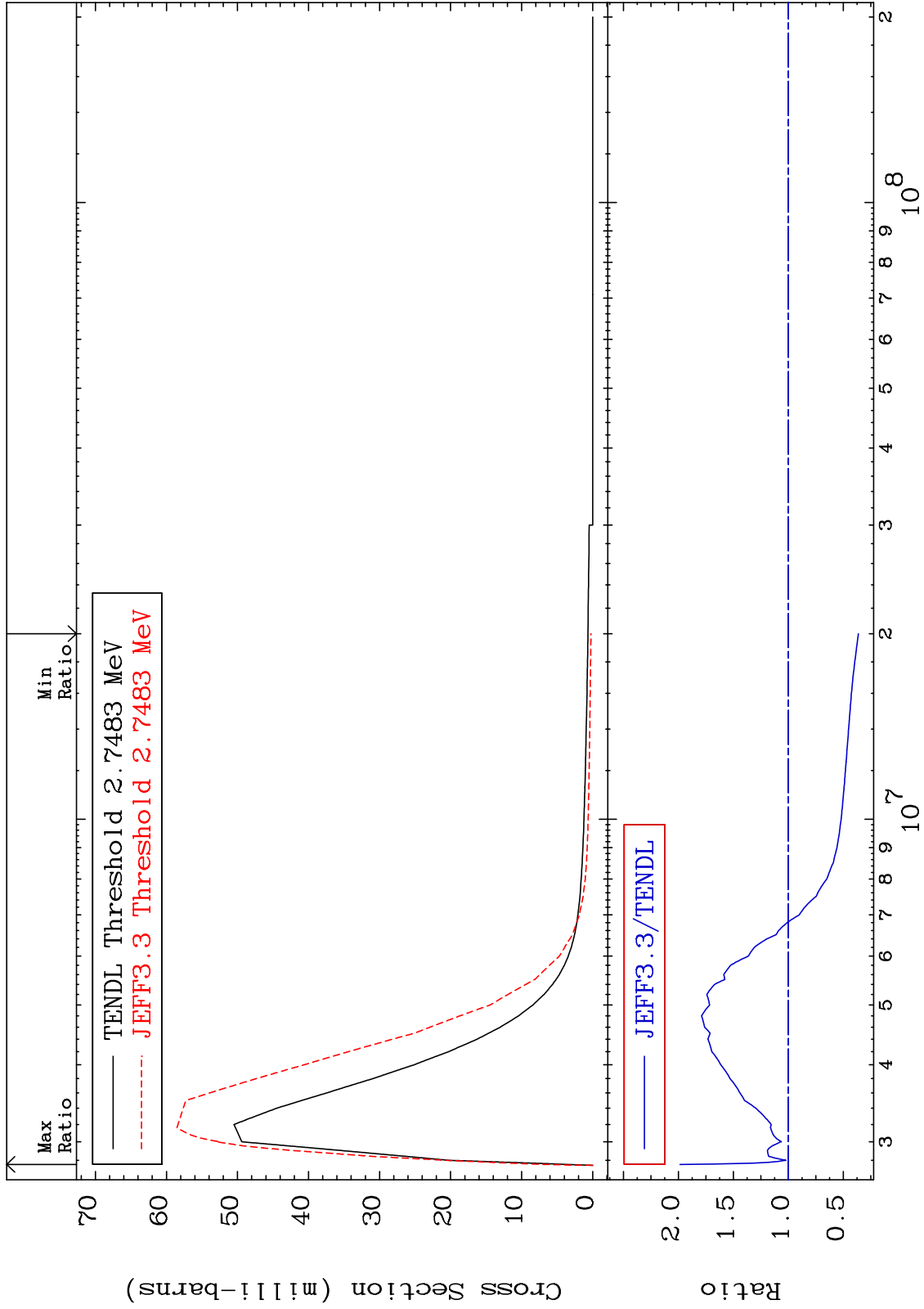


Incident Energy (eV) 50-Sn-118

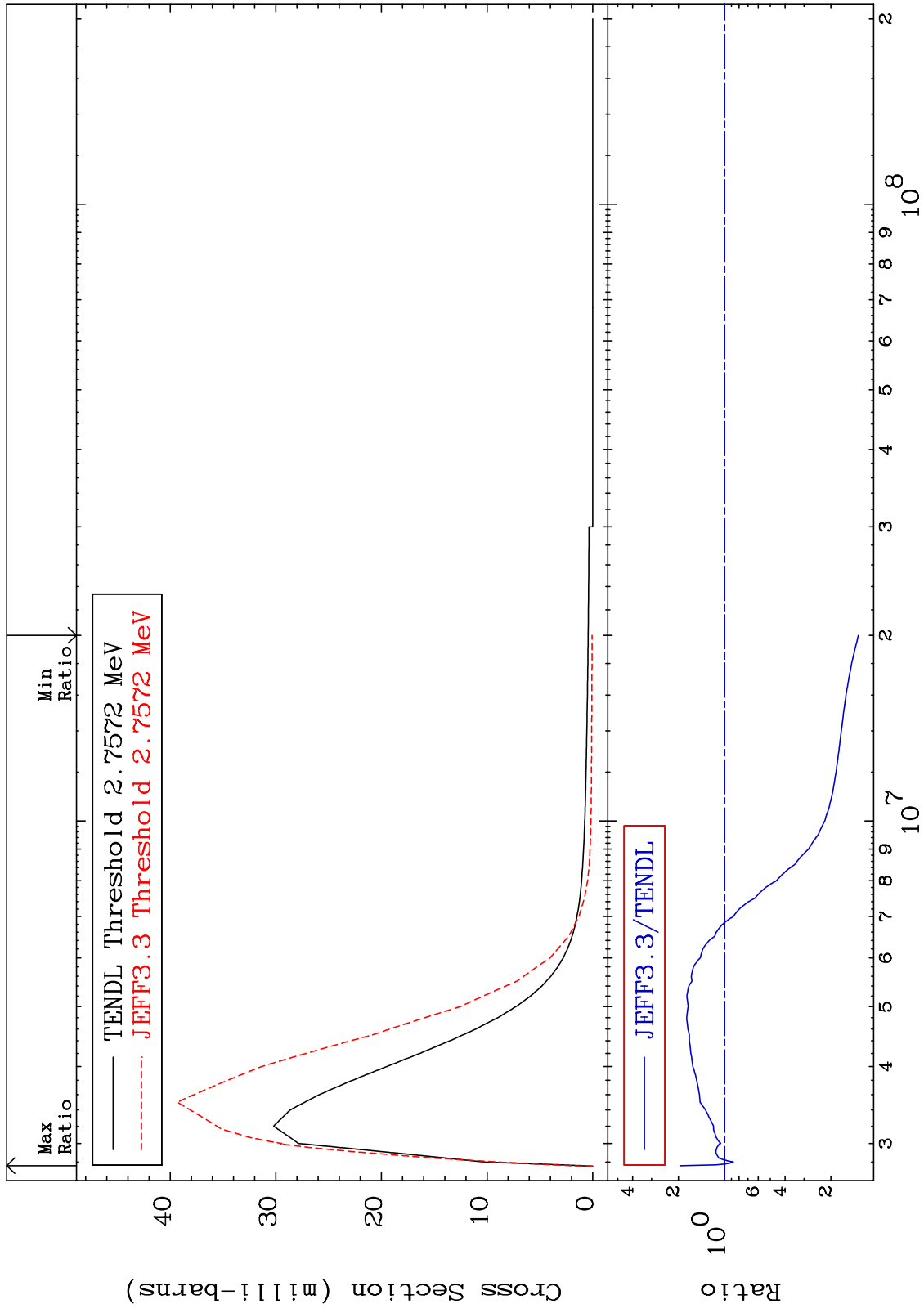
MAT 5043

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

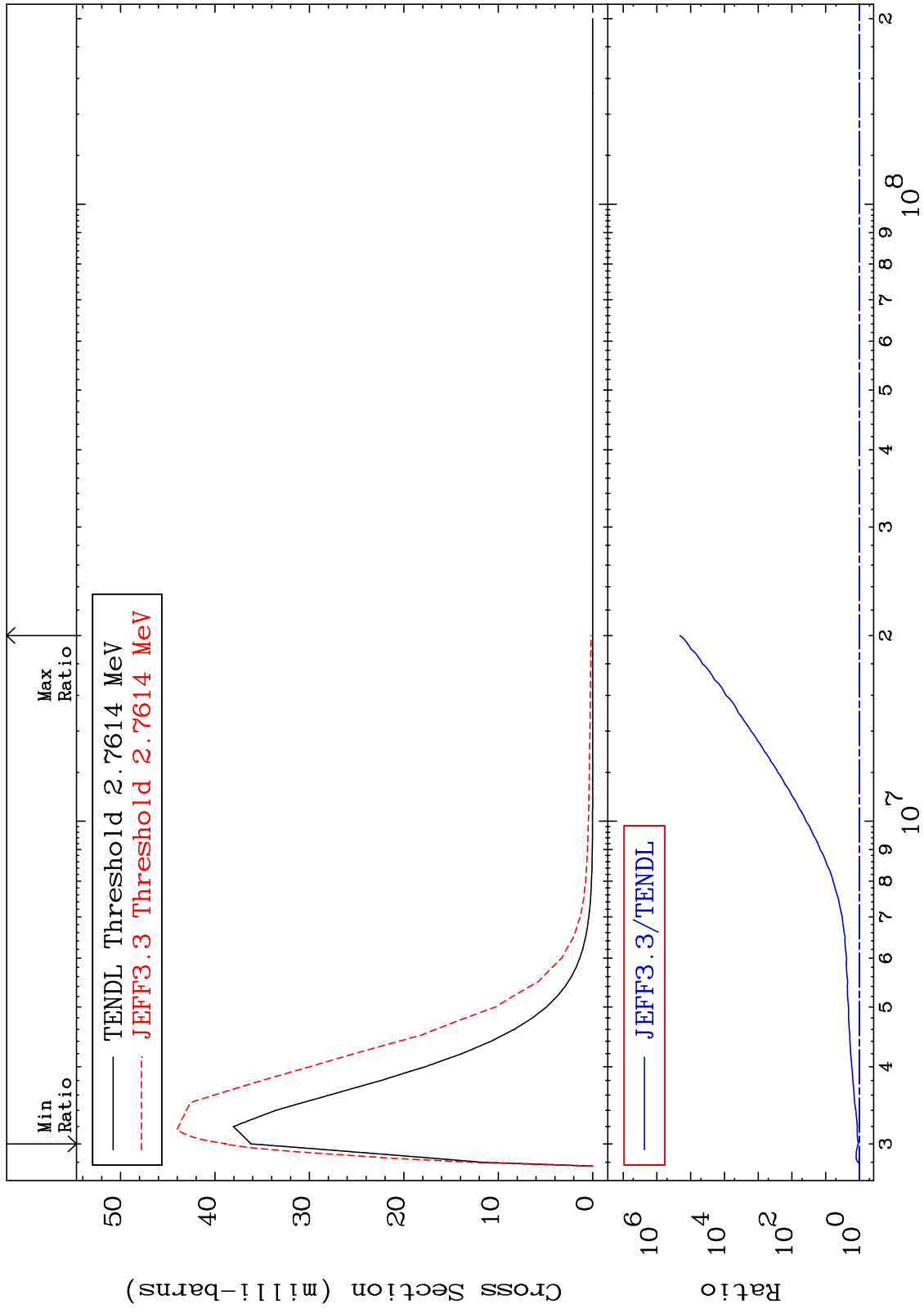
50-Sn-118  
-63.69 To 98.52 %



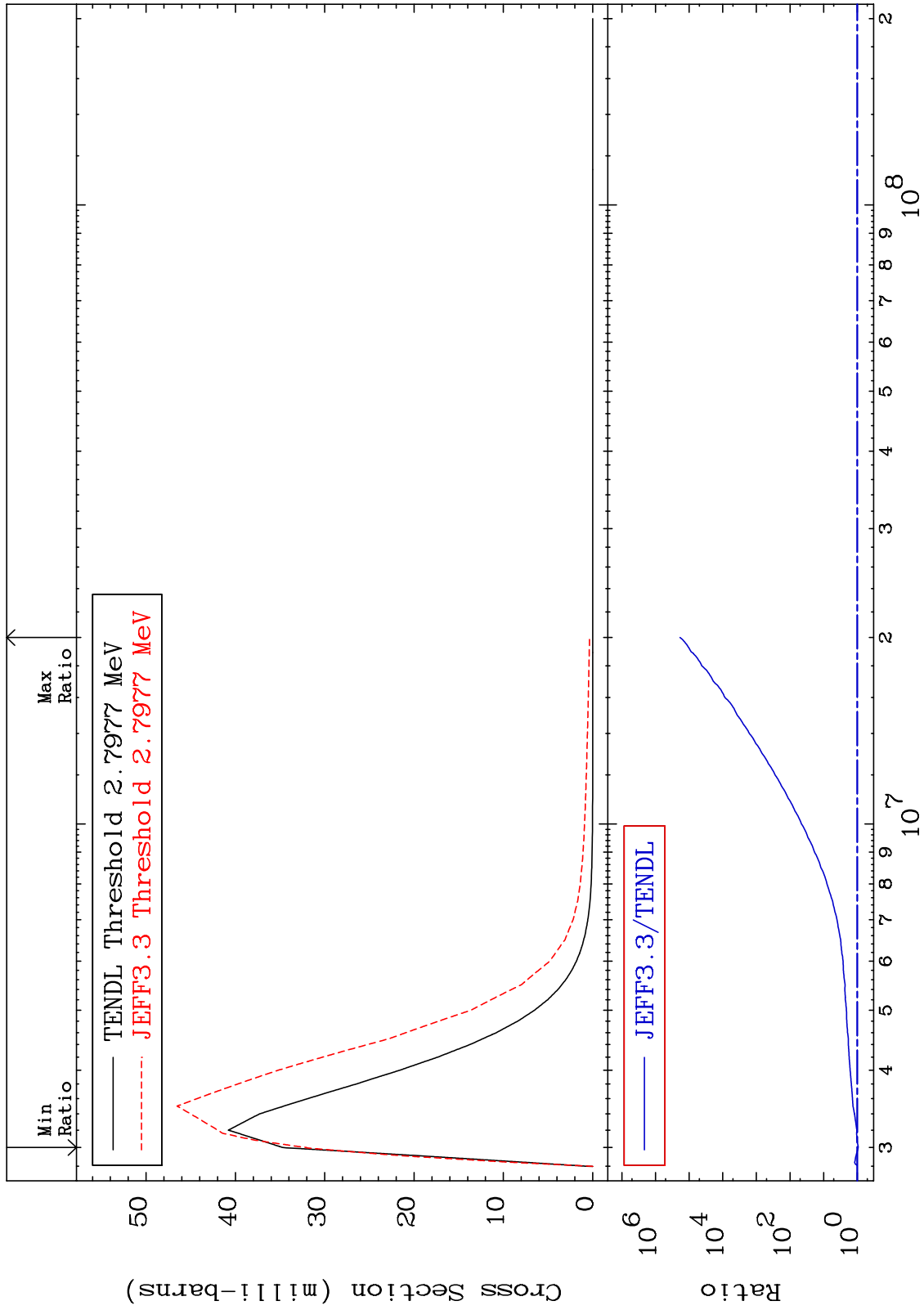
MAT 5043      MT= 69 (n,n') Level      50-Sn-118  
 Cross Section      -86.79 To 95.42 %



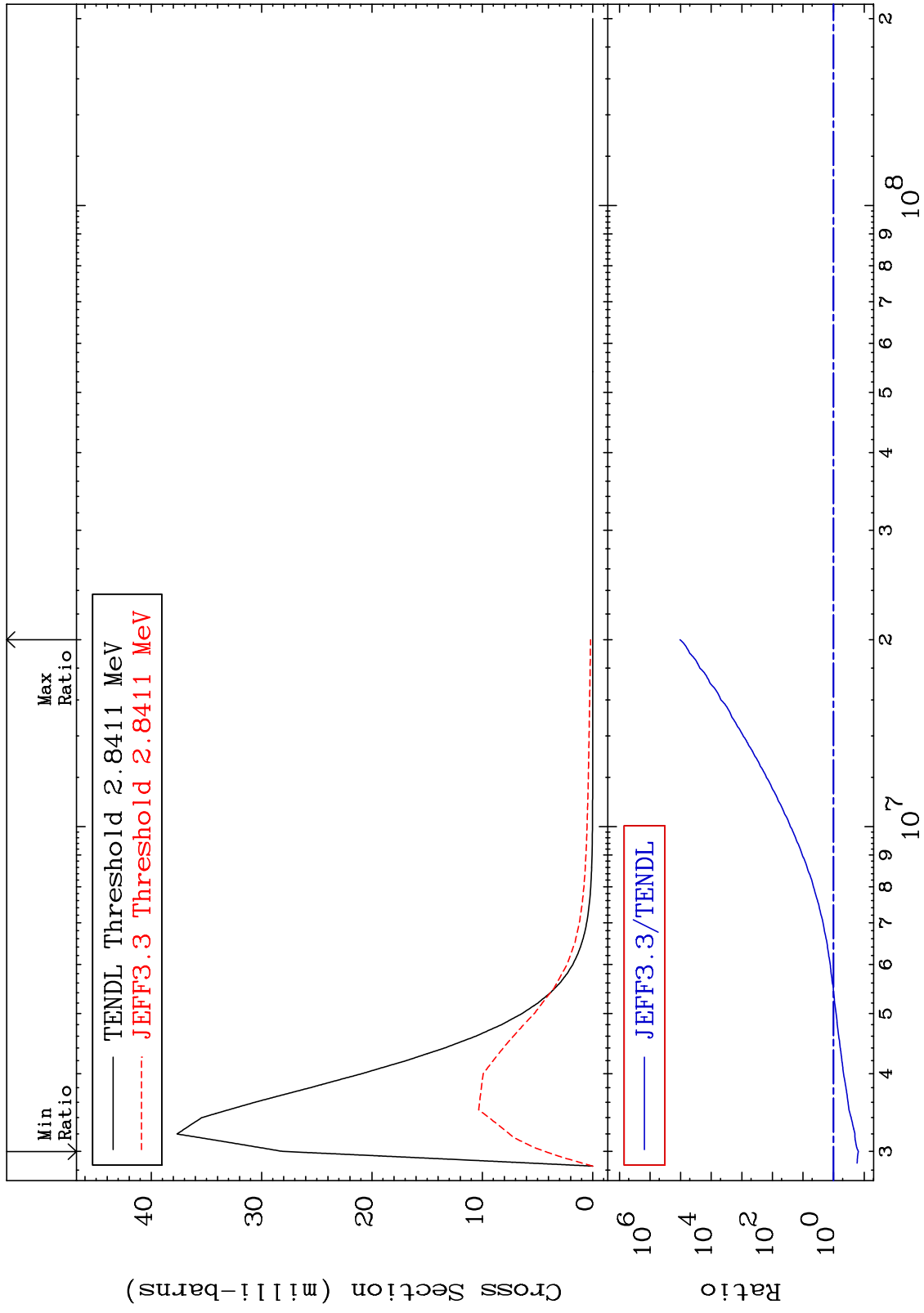
MAT 5043      MT= 70 (n,n') Level Cross Section      50-Sn-118 To 9999. %  
 7.145



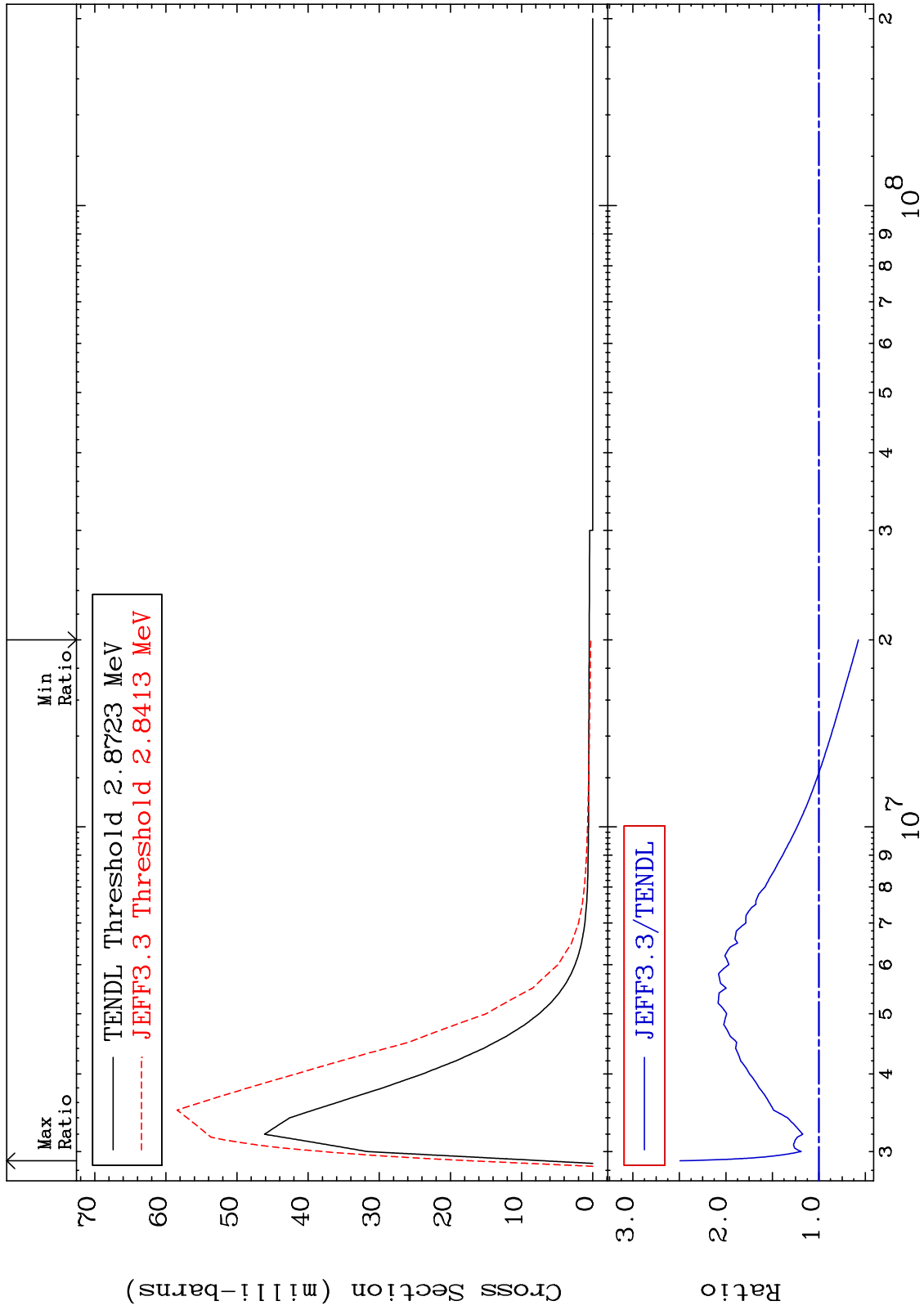
MAT 5043      MT= 71 (n,n') Level      50-Sn-118  
 Cross Section      -7.693 To 9999. %



MAT 5043      MT= 72 (n,n') Level      50-Sn-118  
 Cross Section      -84.60 To 9999. %



MAT 5043 MT= 73 (n,n') Level Cross Section 50-Sn-118 -42.47 To 149.3 %

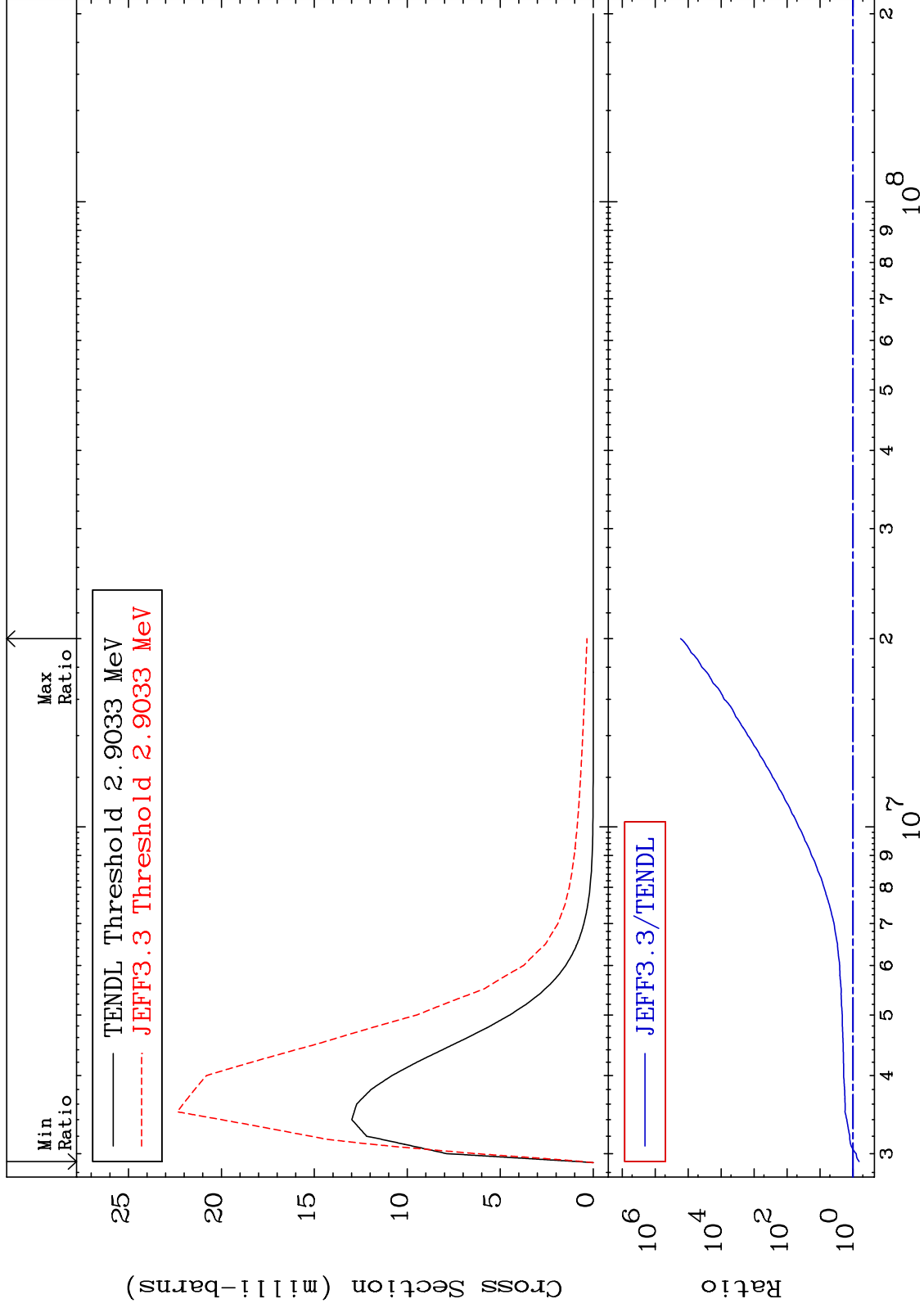


30 50-Sn-118

MAT 5043

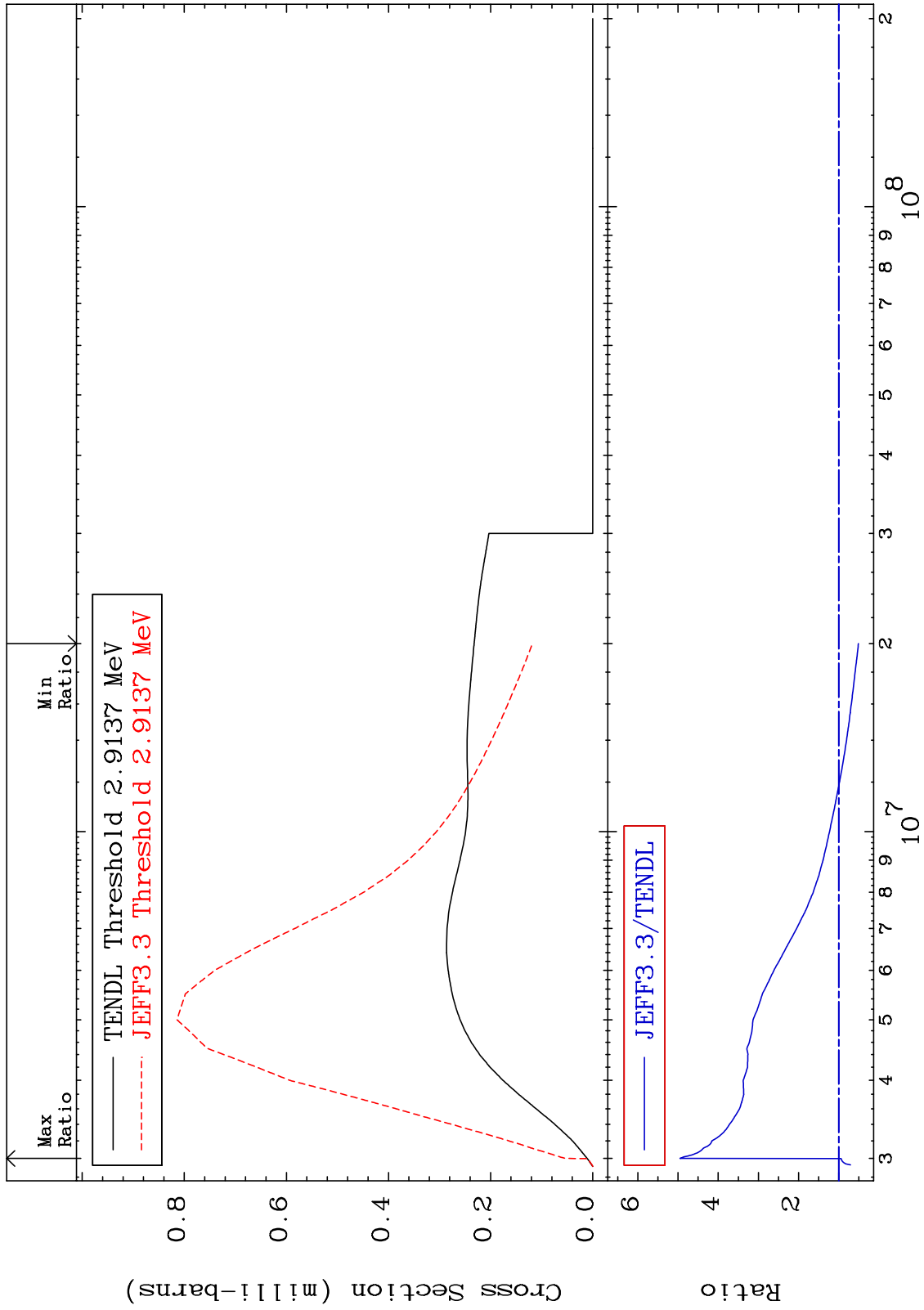
MT= 74 (n,n') Level  
Cross Section

50-Sn-118  
-35.15 To 9999. %

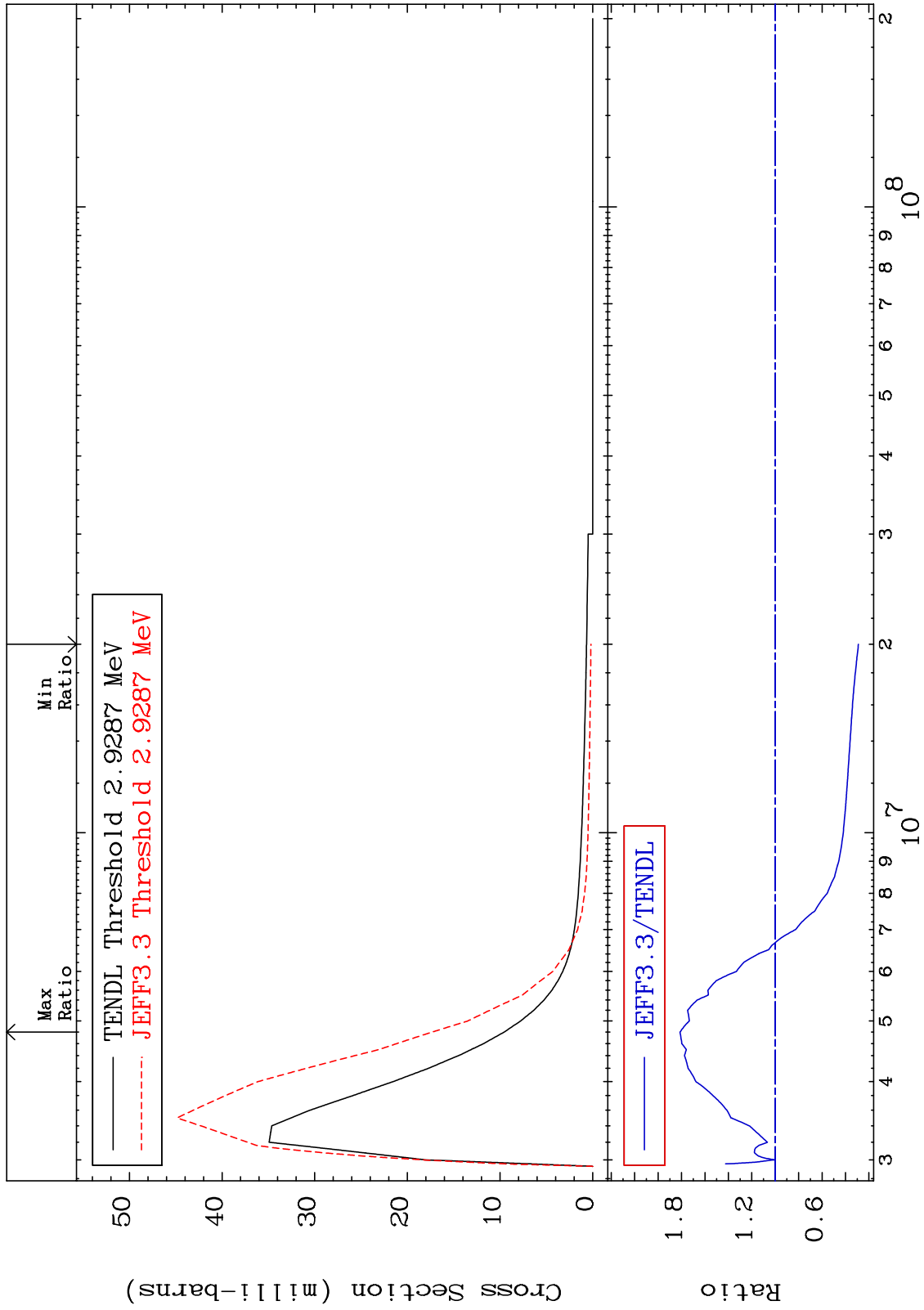




MAT 5043 MT= 75 (n,n') Level Cross Section 50-Sn-118  
 -49.14 To 395.2 %



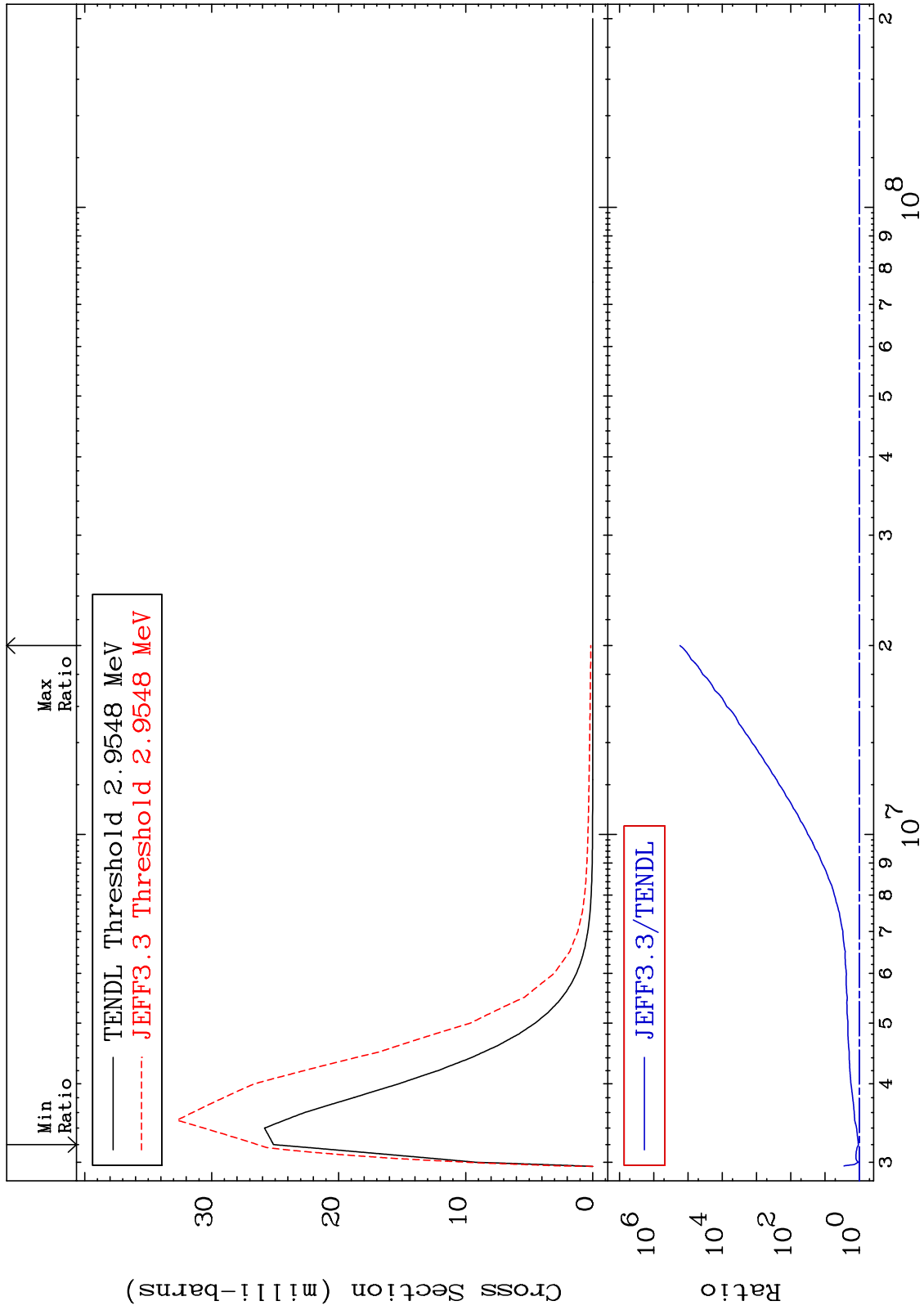
MAT 5043 MT= 76 (n,n') Level  
 Cross Section 50-Sn-118  
 -71.04 To 81.28 %



50-Sn-118

Incident Energy (eV)

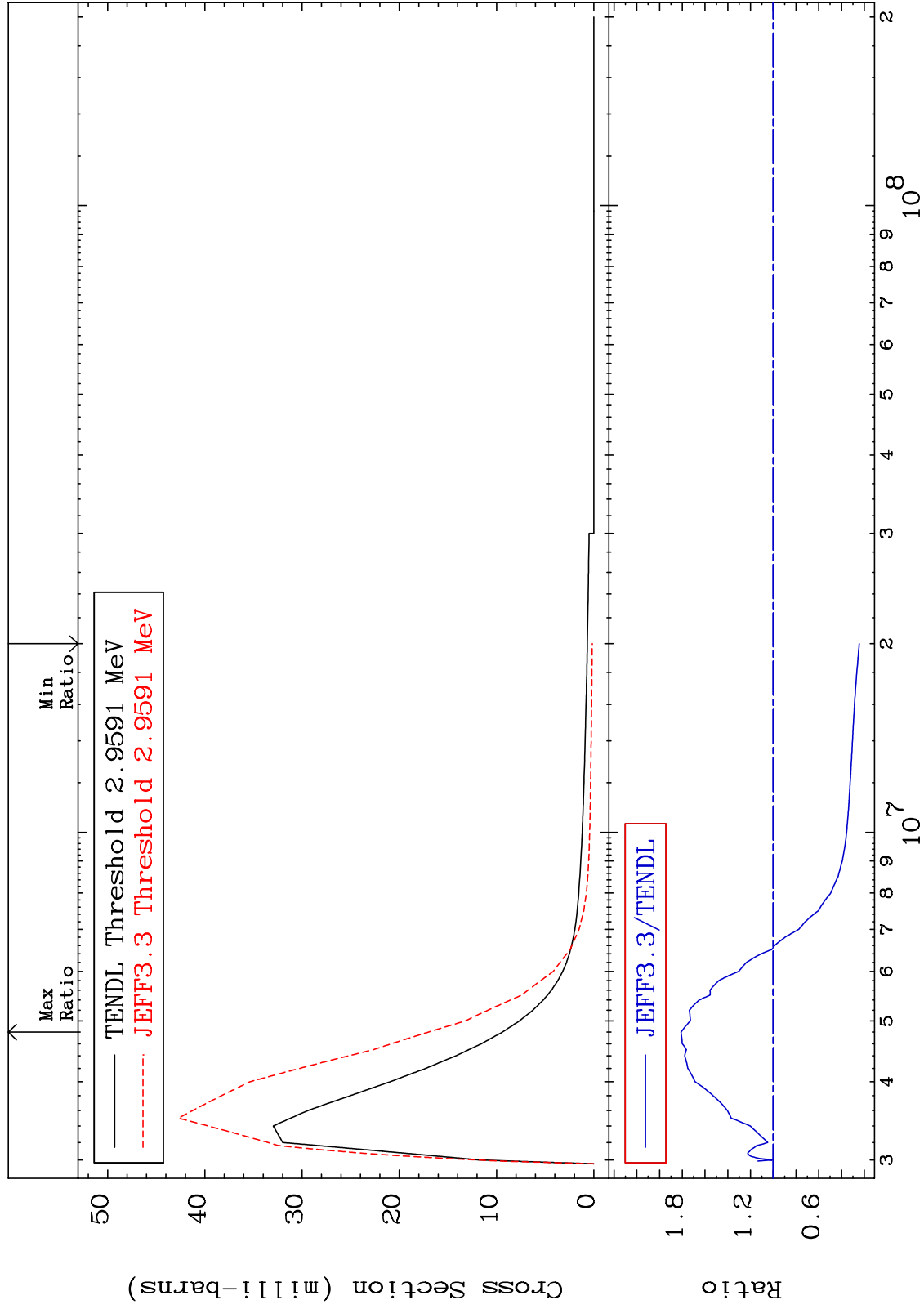
MAT 5043 MT= 77 (n,n') Level Cross Section 50-Sn-118  
 4.973 To 9999. %



MAT 5043

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

50-Sn-118  
-75.63 To 81.09 %

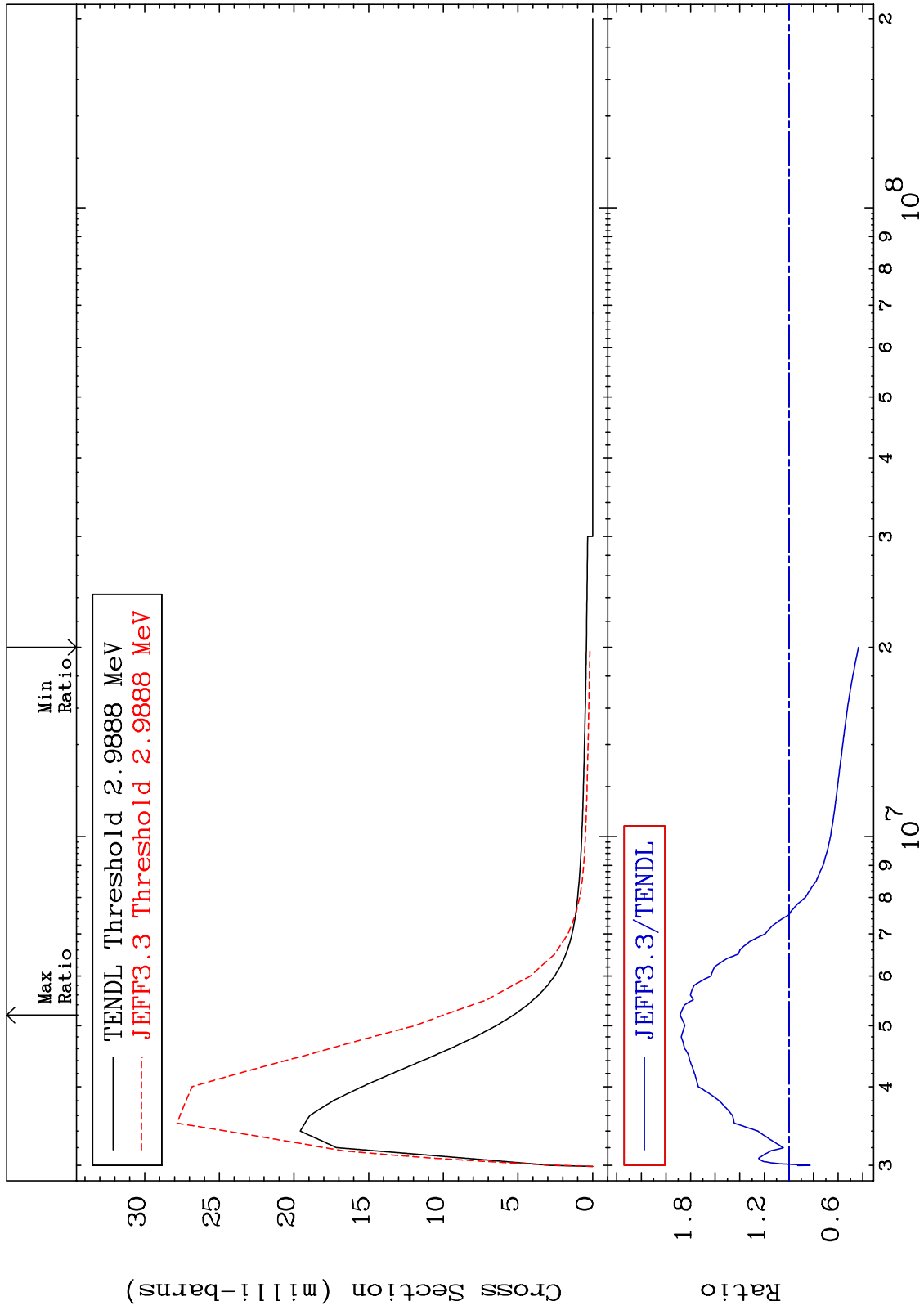


35

Incident Energy (eV)

50-Sn-118

MAT 5043 MT= 79 (n, n') Level  
Cross Section 50-Sn-118  
-56.48 To 88.56 %

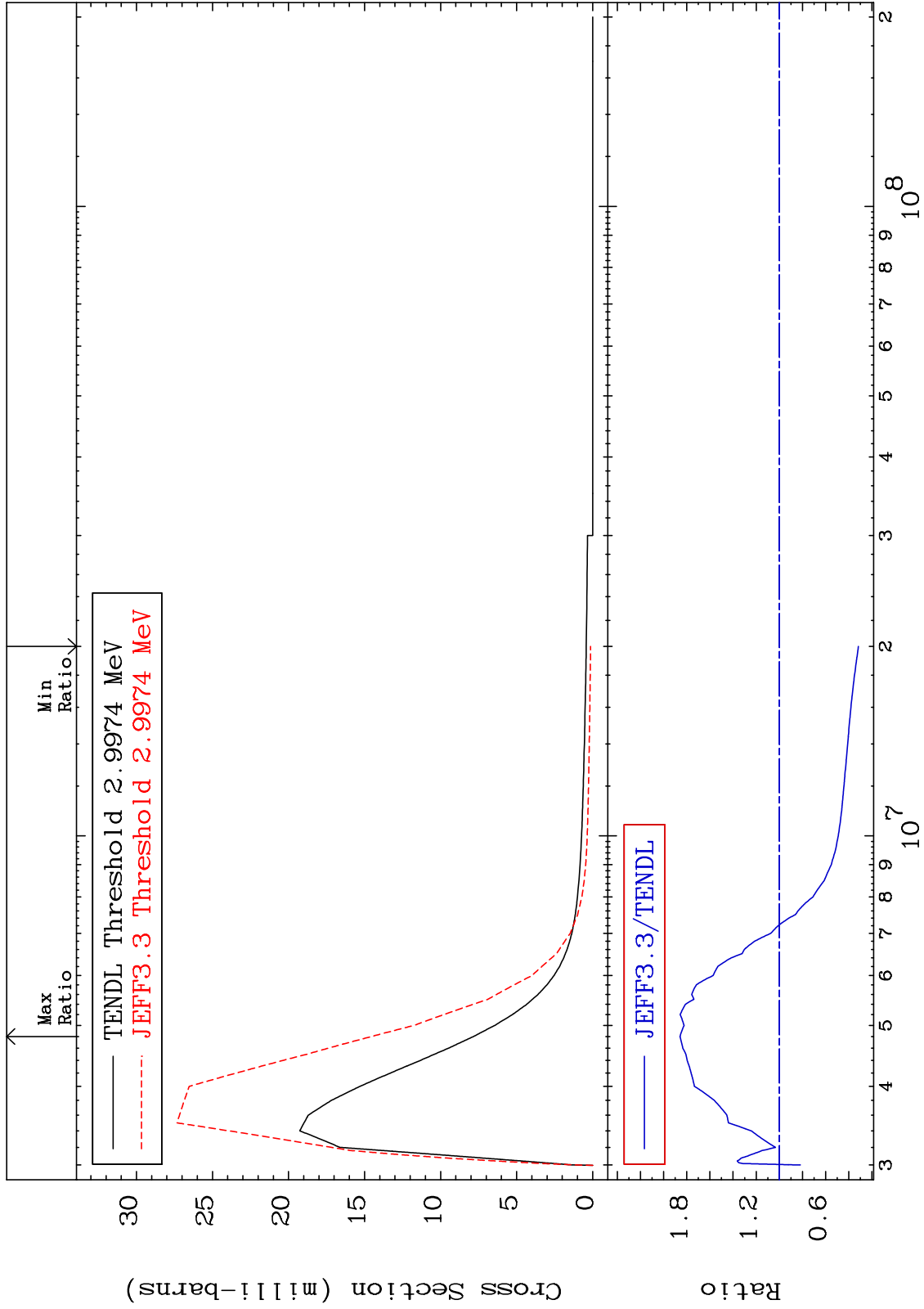


36 50-Sn-118

MAT 5043

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

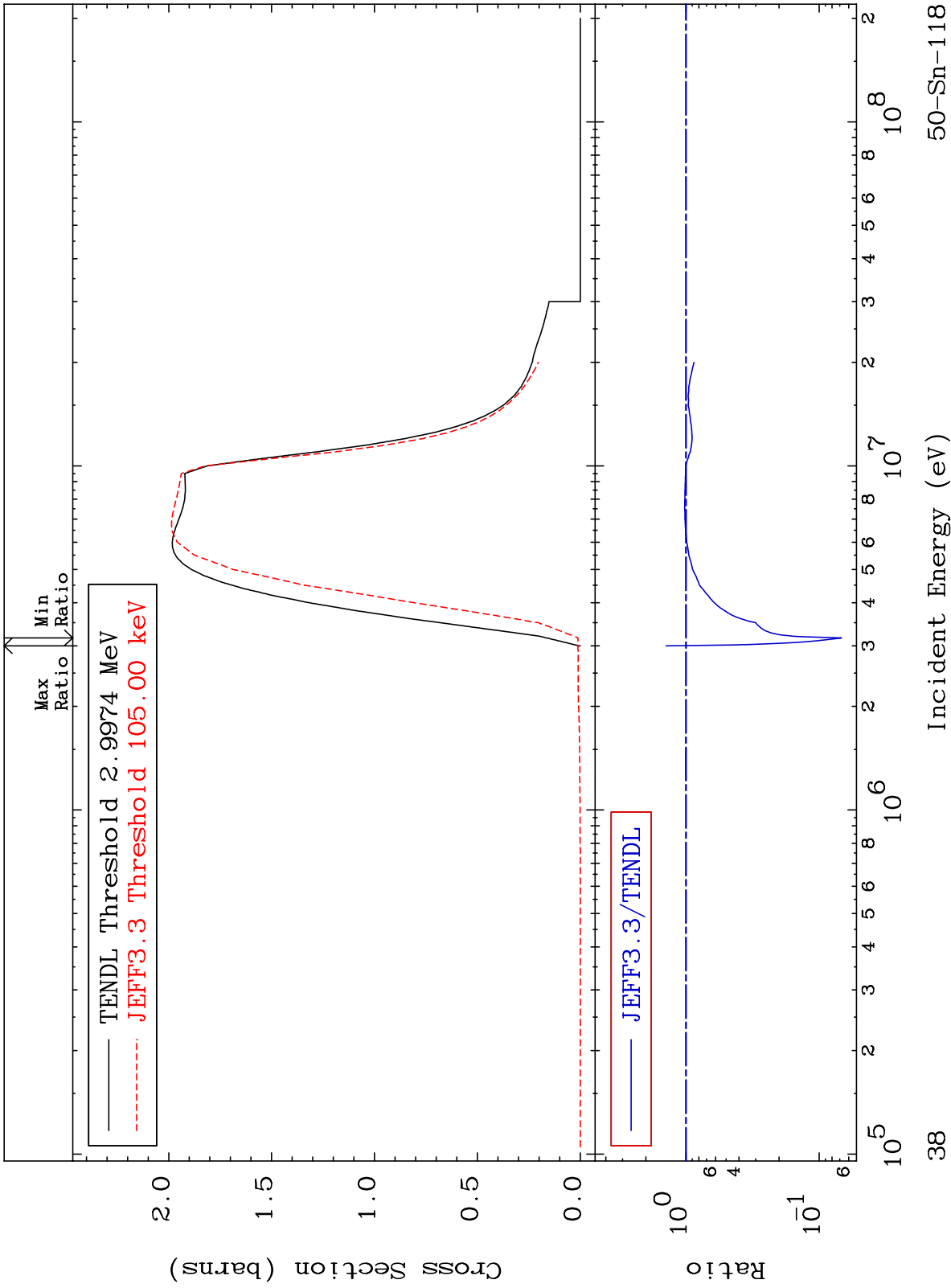
50-Sn-118  
-68.30 To 85.81 %



MAT 5043

(n,n') Continuum  
Cross Section

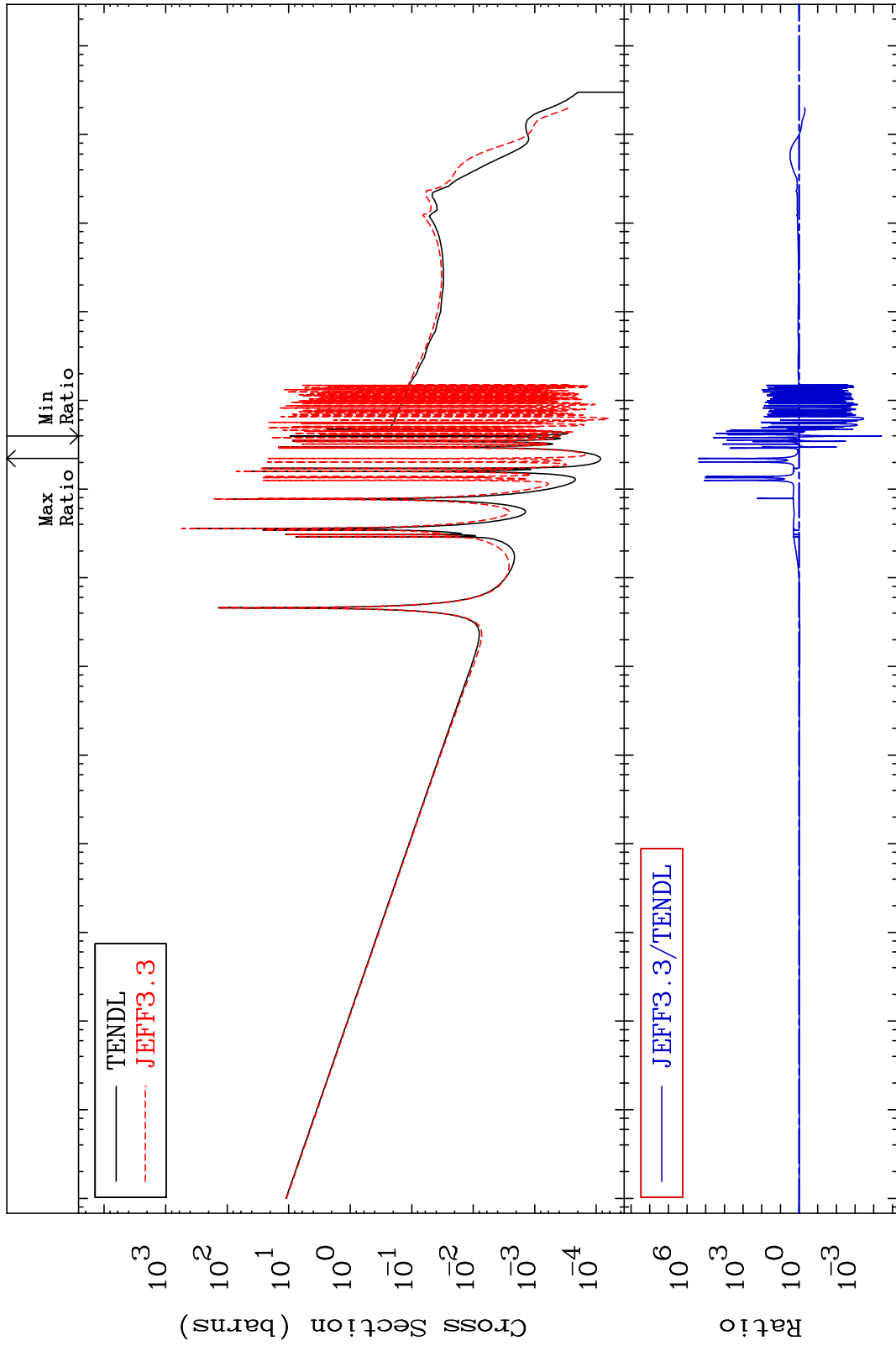
50-Sn-118  
-93.20 To 41.08 %



MAT 5043

(n,  $\gamma$ )  
Cross Section

50-Sn-118  
-100.0 To 9999. %



Incident Energy (eV)

50-Sn-118



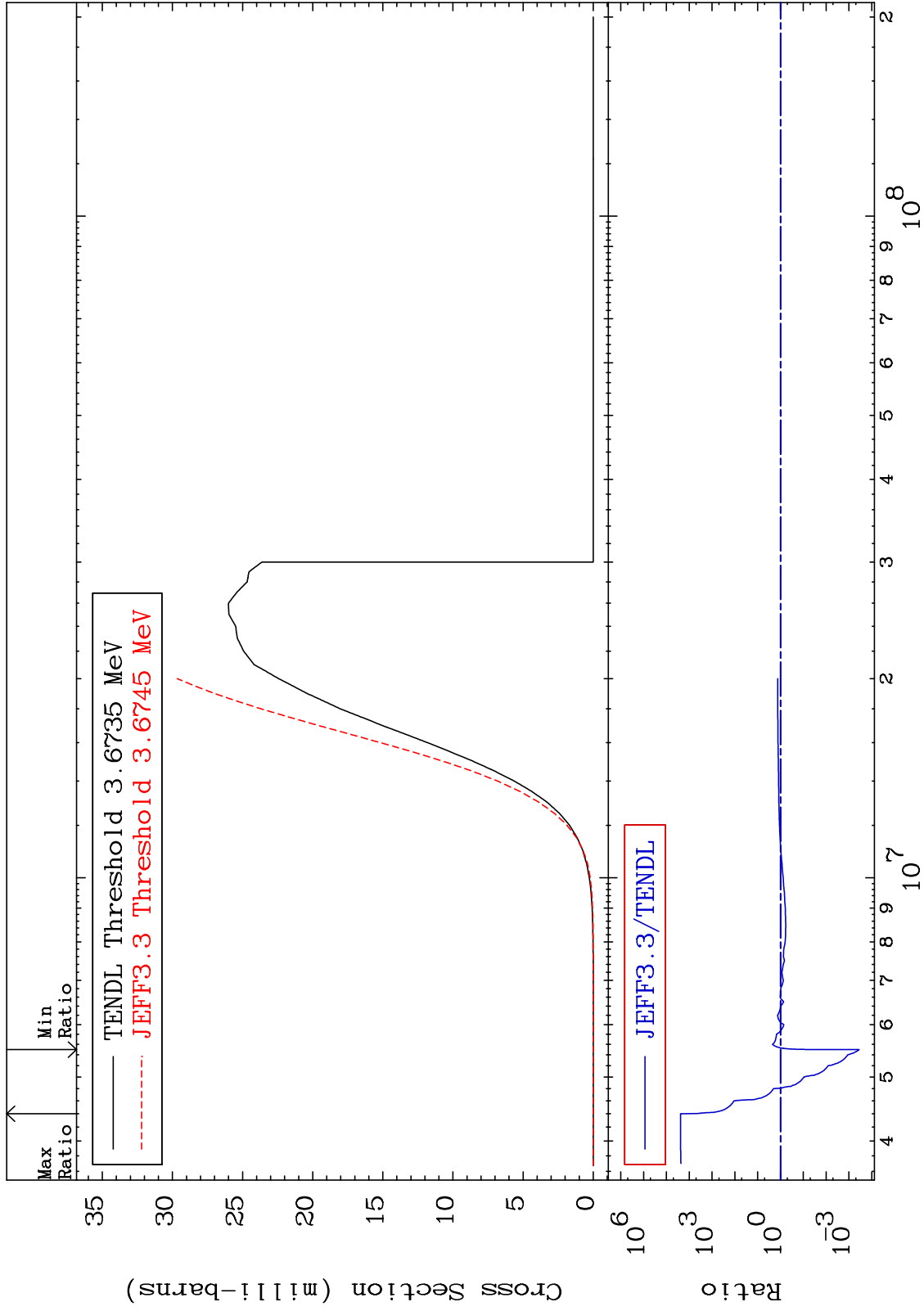
MAT 5043

(n,p)

50-Sn-118

Cross Section

-99.96 To 9999. %



40

Incident Energy (eV)

50-Sn-118

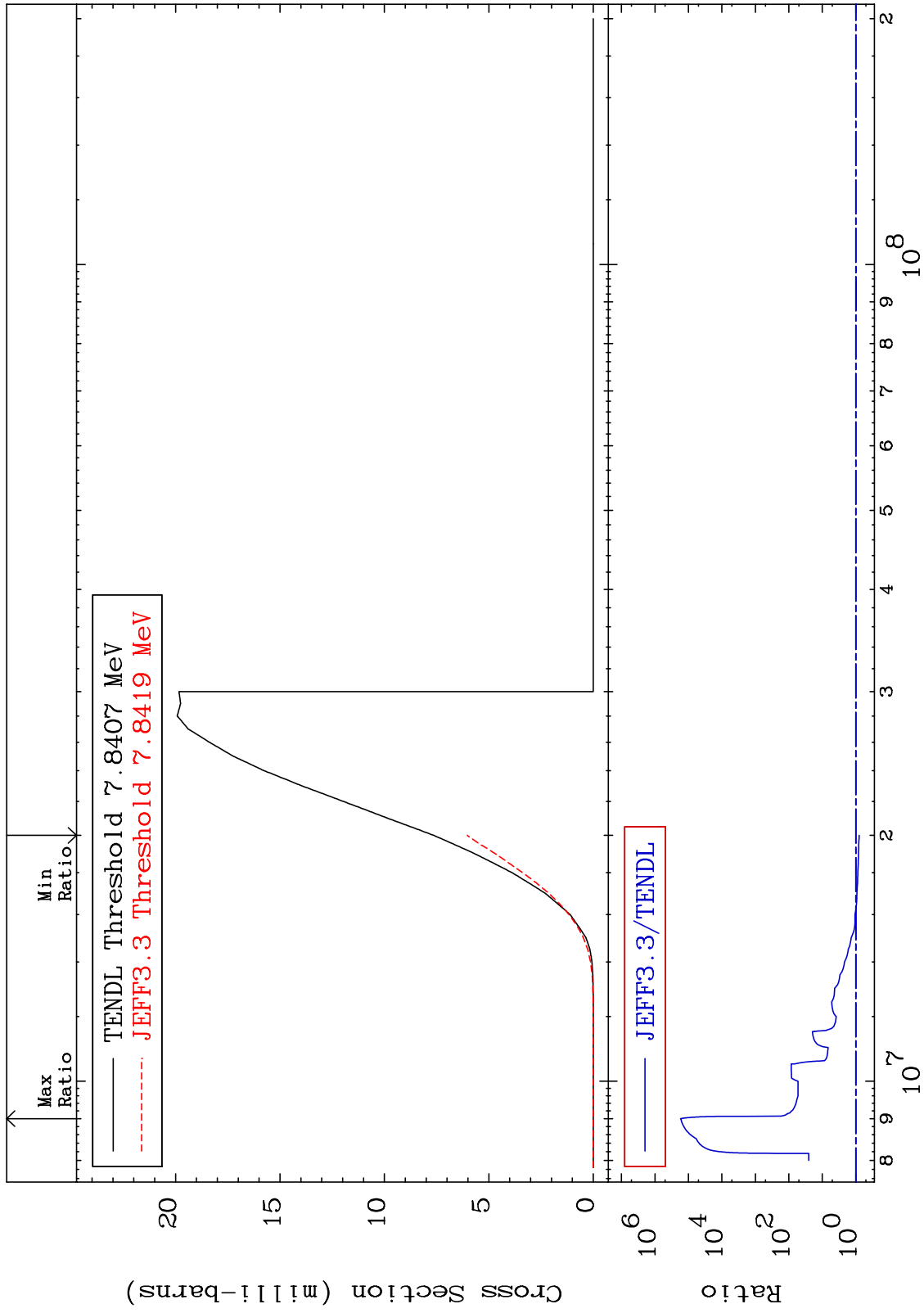
MAT 5043

(n, d)

50-Sn-118

Cross Section

-21.00 To 9999. %



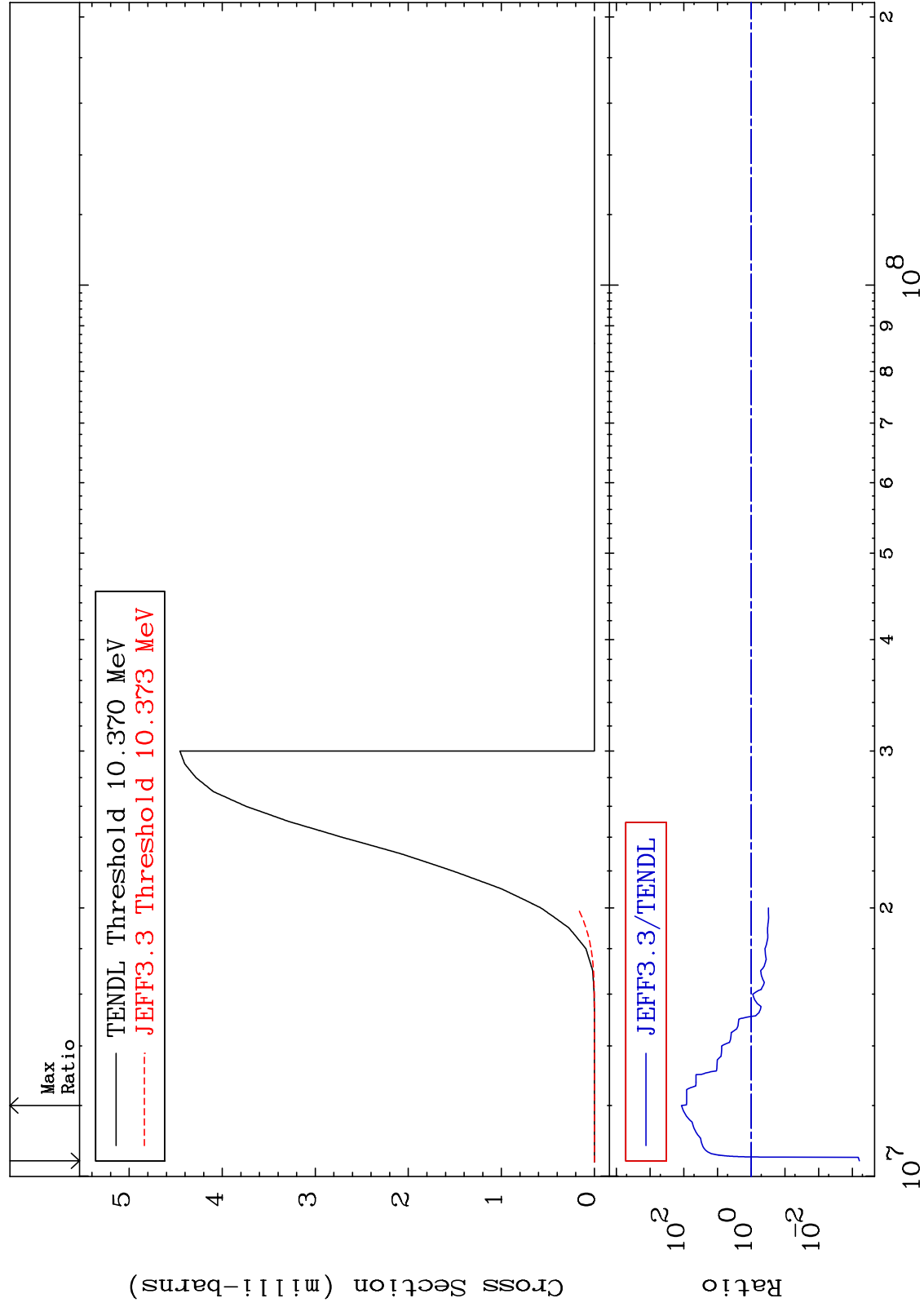
MAT 5043

(n, t)

50-Sn-118

Cross Section

-99.94 To 9999. %



50-Sn-118

Incident Energy (eV)

42

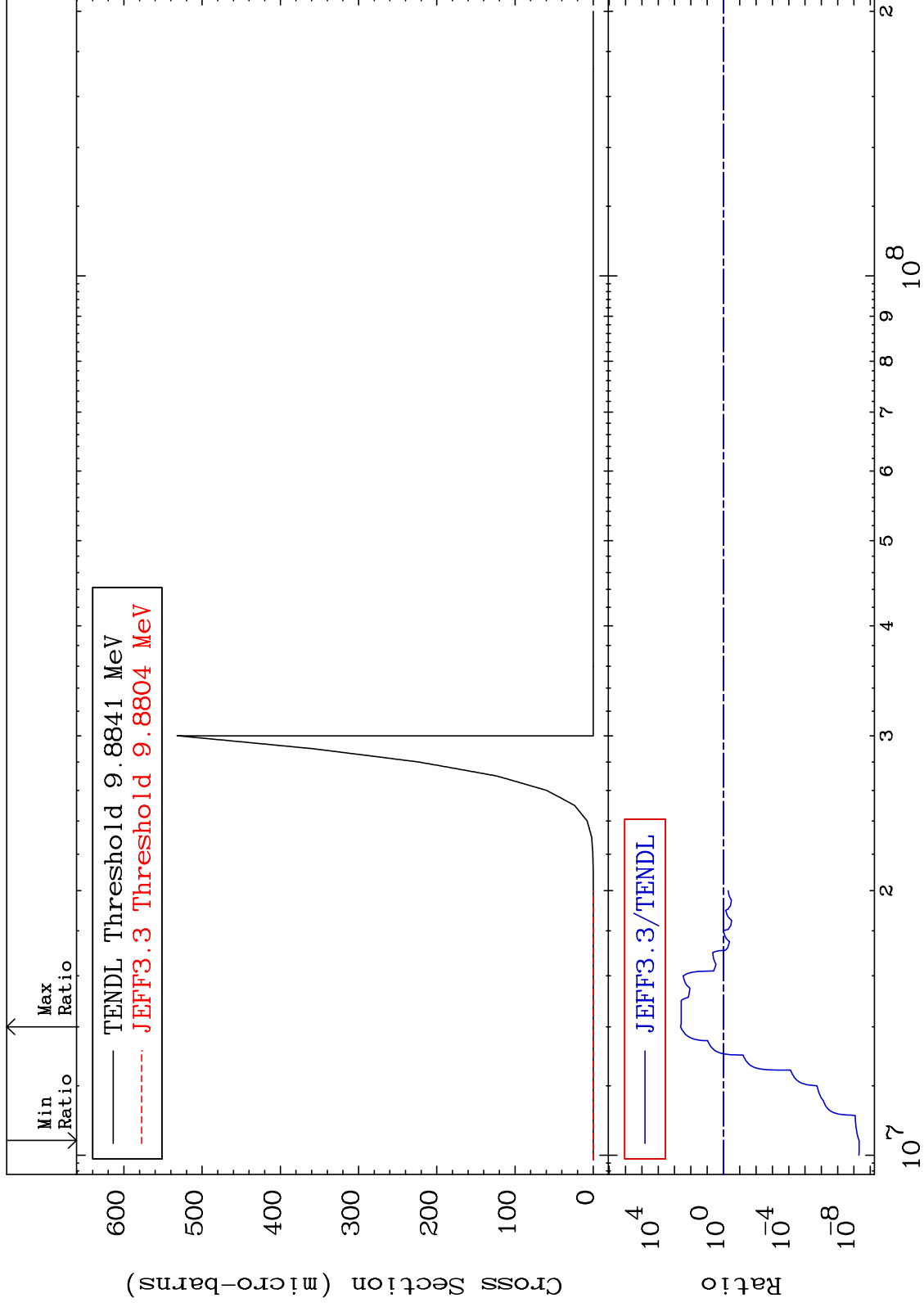
MAT 5043

(n, He-3)

50-Sn-118

Cross Section

-100.0 To 9999. %



Incident Energy (eV)

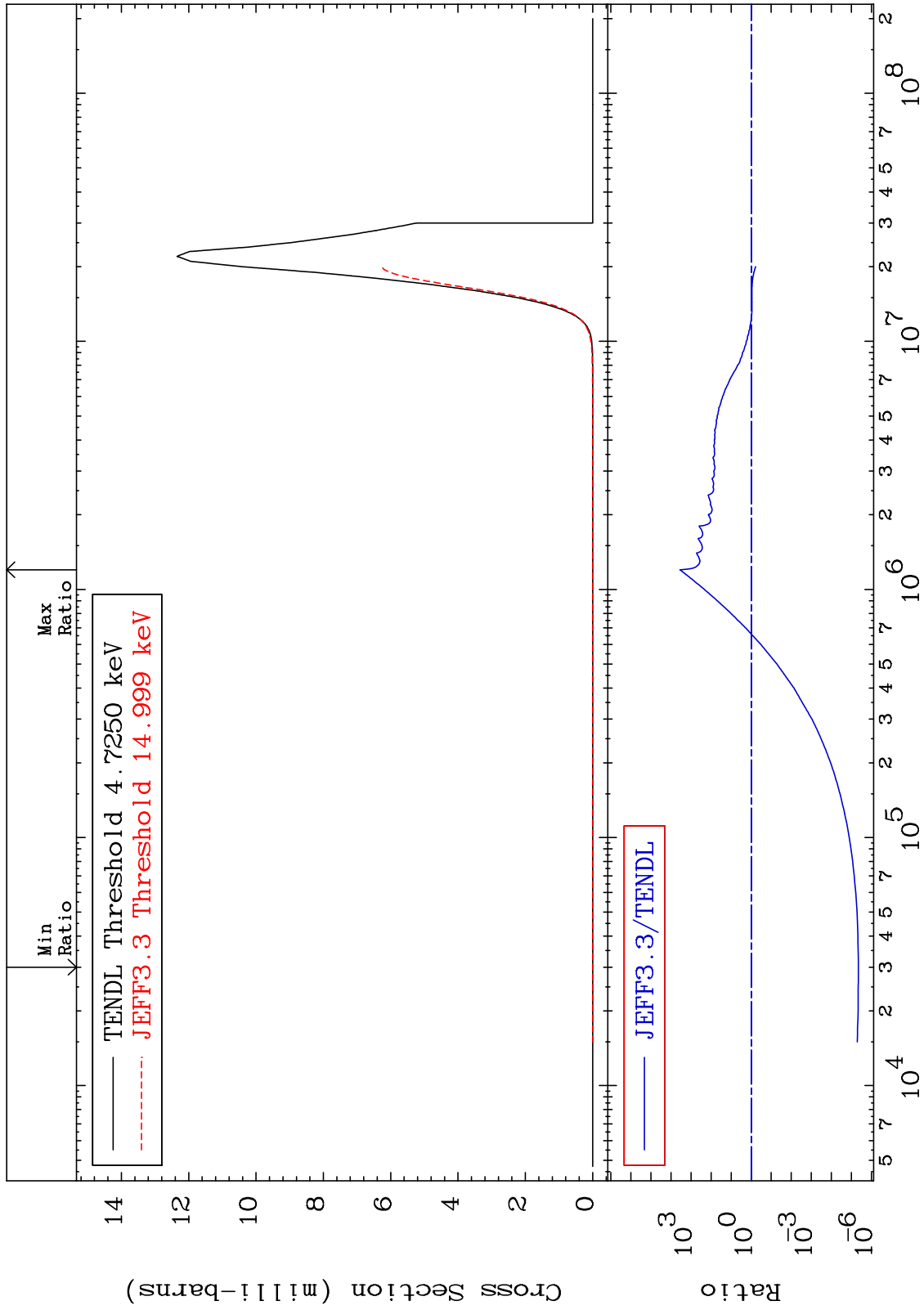
50-Sn-118

43

MAT 5043

50-Sn-118

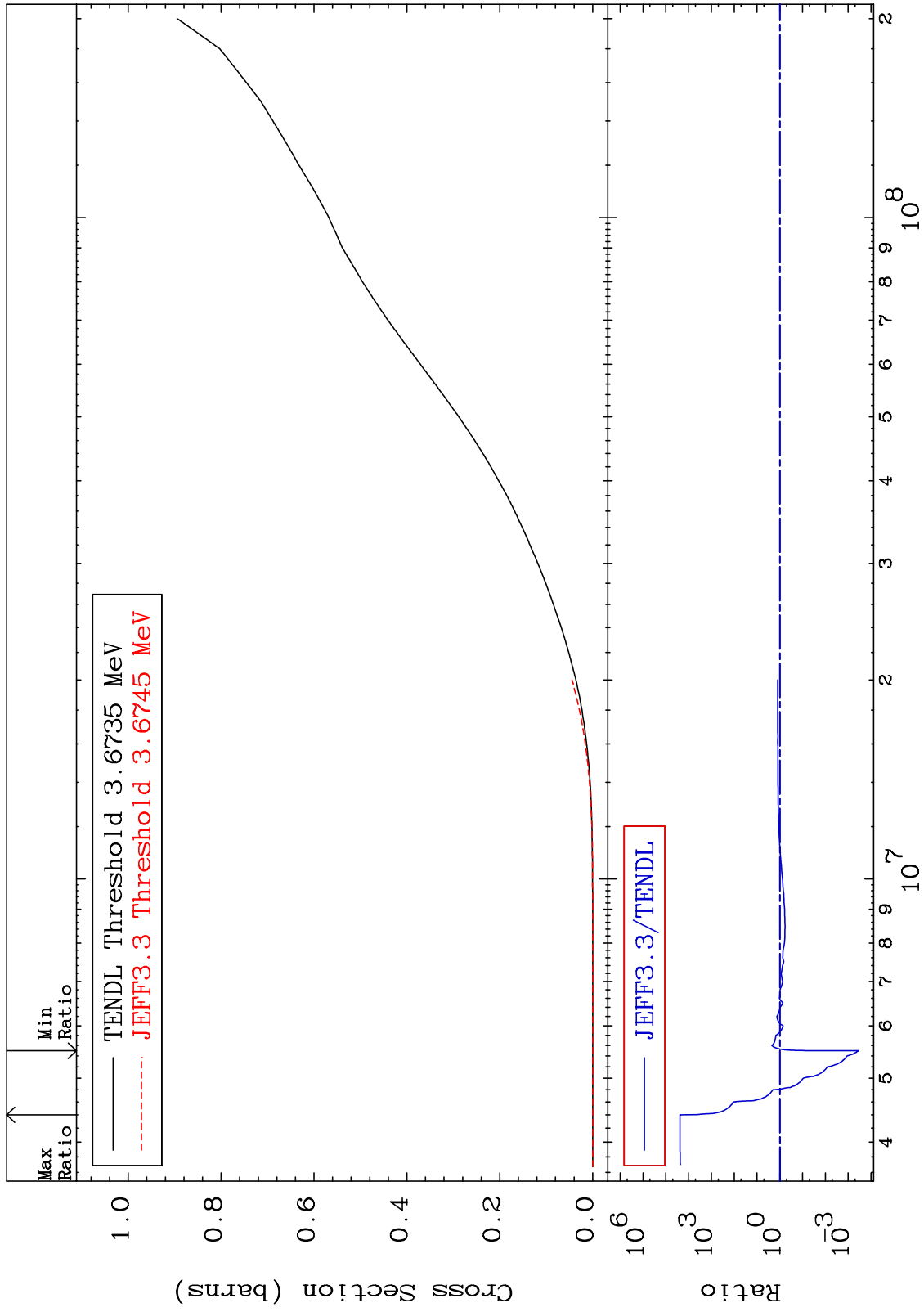
(n,  $\alpha$ )  
Cross Section  
-100.0 To 9999. %



MAT 5043

Hydrogen Production  
Cross Section

50-Sn-118  
-99.96 To 9999. %



45

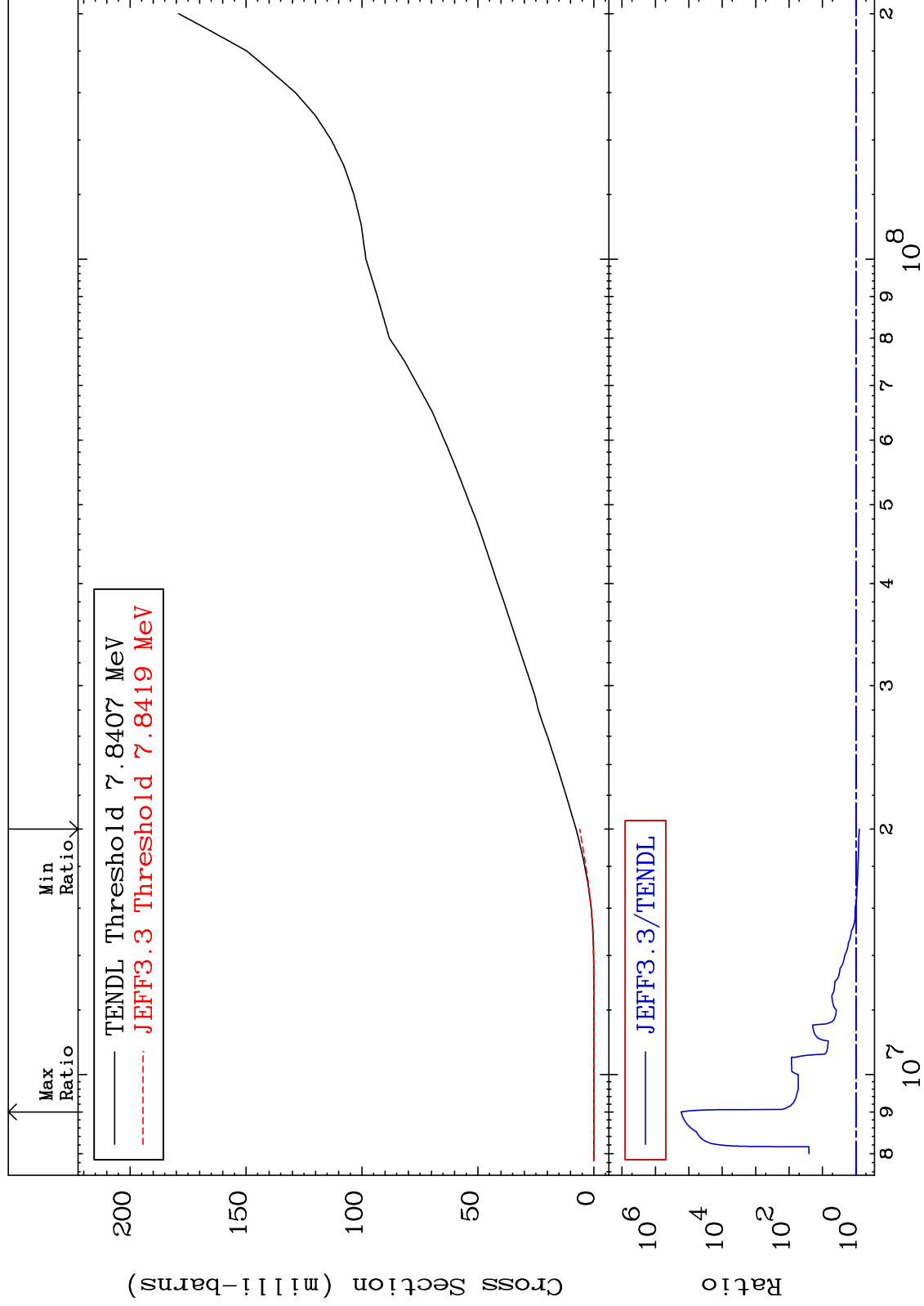
Incident Energy (eV)

50-Sn-118

MAT 5043

Deuterium Production  
Cross Section

50-Sn-118  
-21.00 To 9999. %



46

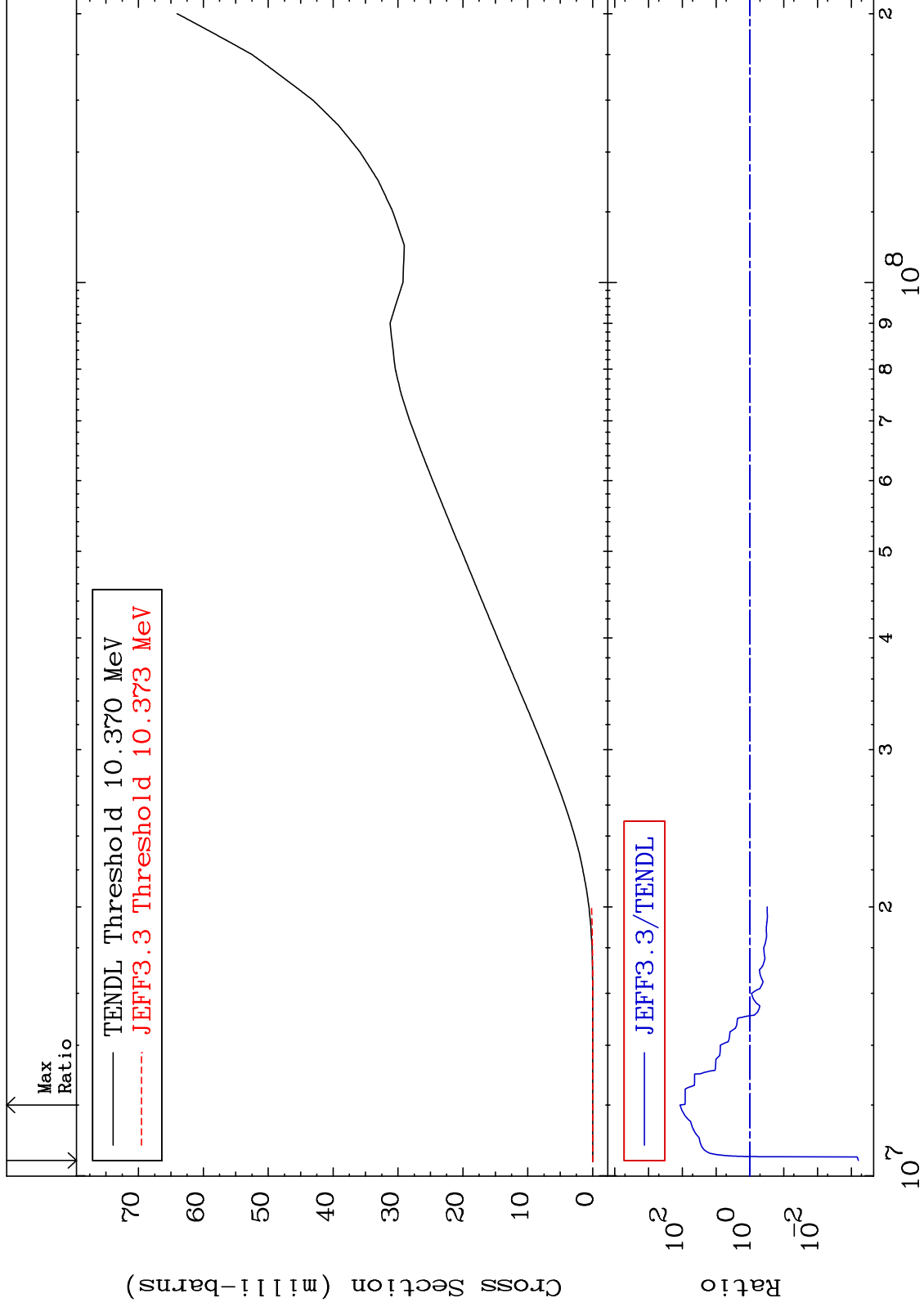
Incident Energy (eV)

50-Sn-118

MAT 5043

Tritium Production  
Cross Section

50-Sn-118  
-99.94 To 9999. %



47

Incident Energy (eV)

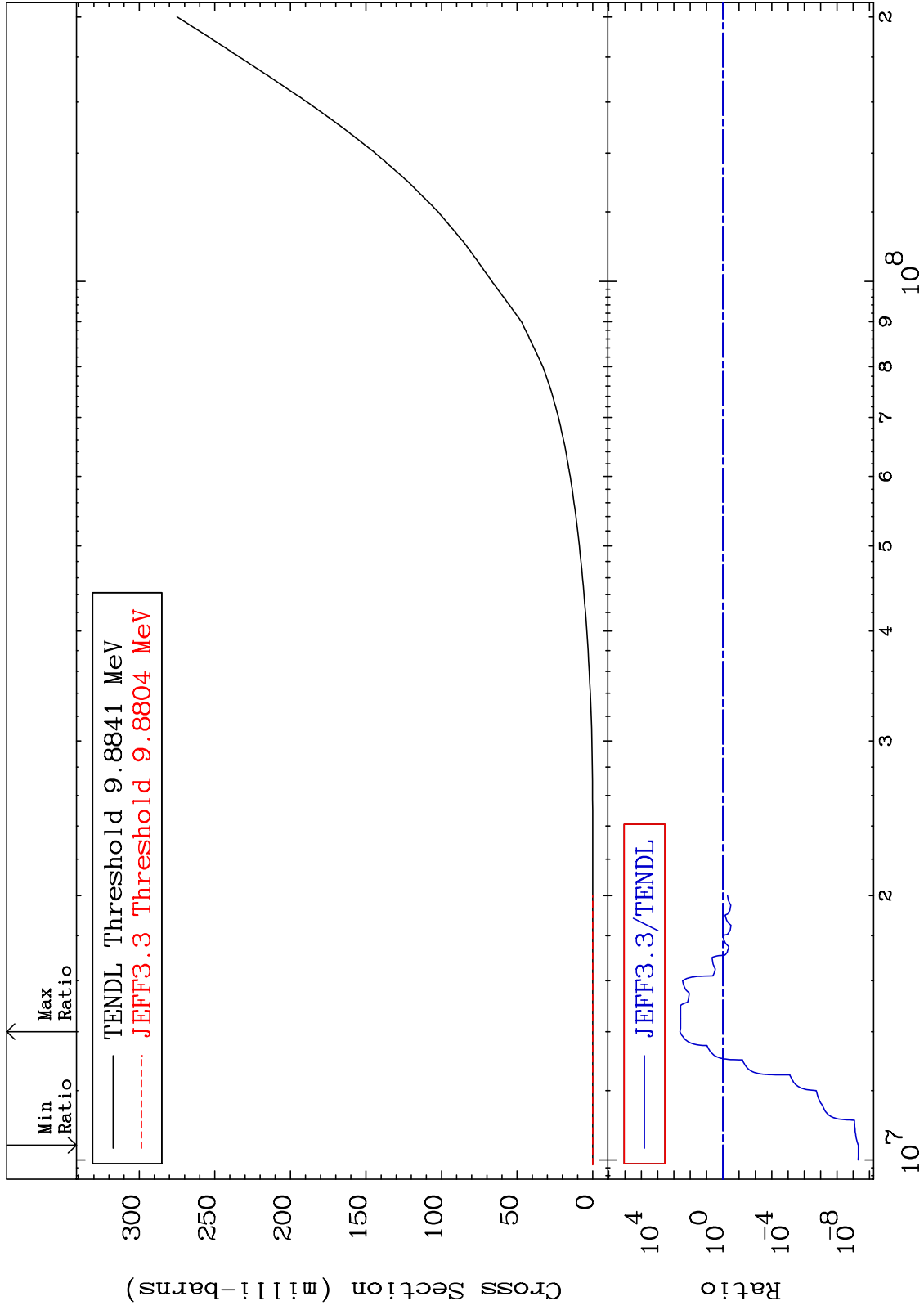
50-Sn-118



MAT 5043

He-3 Production  
Cross Section

50-Sn-118  
-100.0 To 9999. %



48

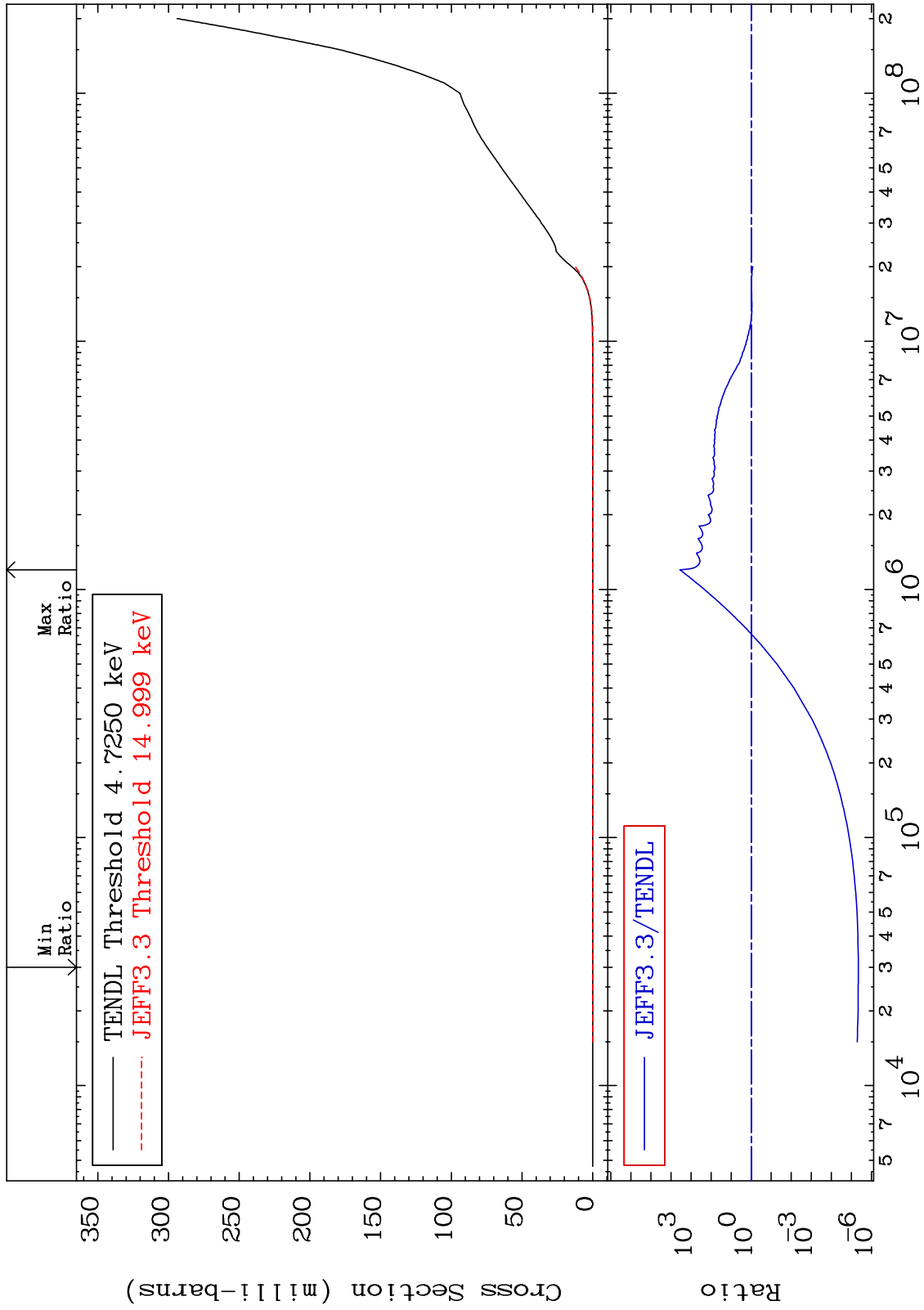
Incident Energy (eV)

50-Sn-118

MAT 5043

He-4 Production  
Cross Section

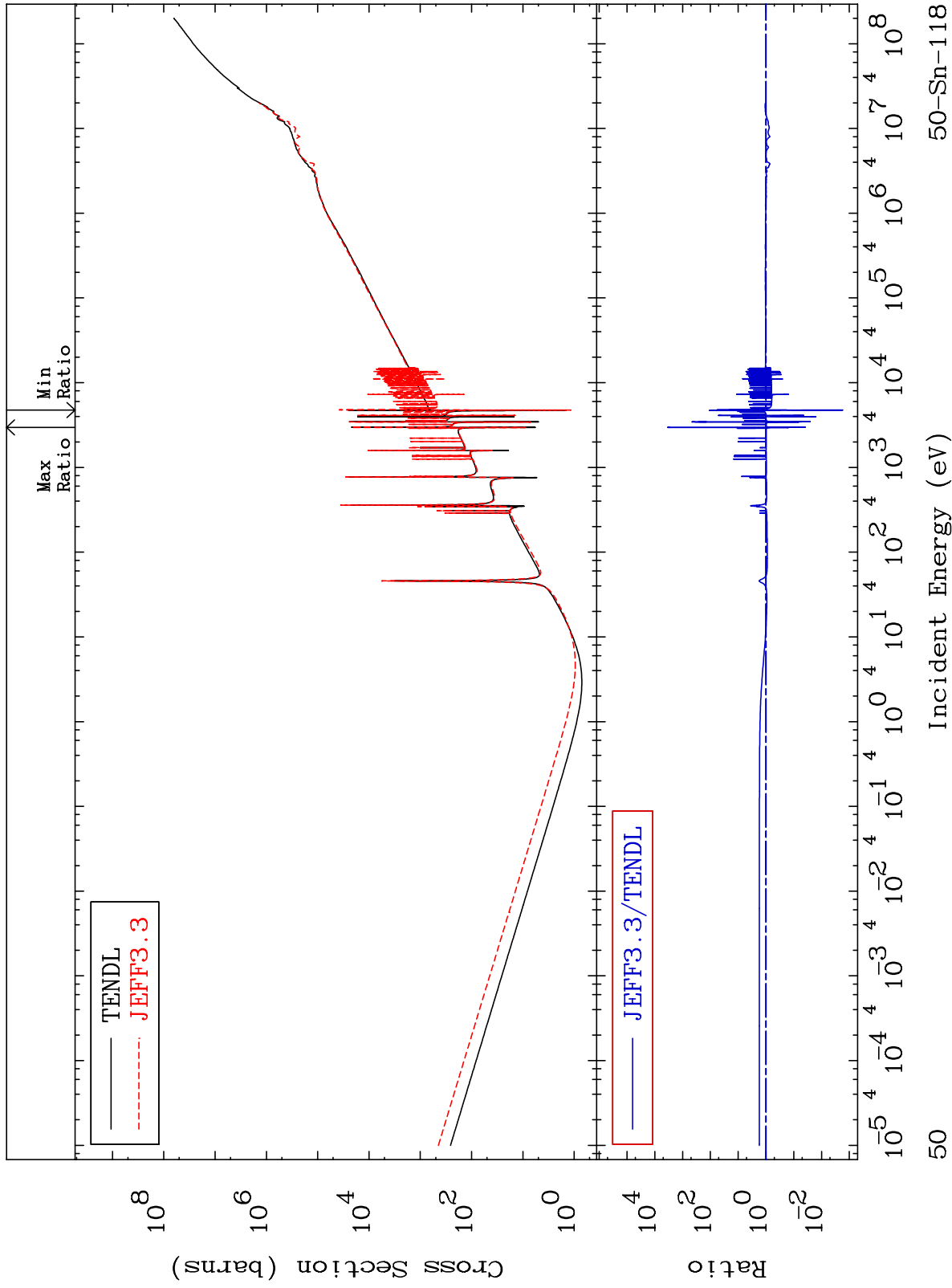
50-Sn-118  
-100.0 To 9999. %



MAT 5043

Kerma total (eV-barns)  
Cross Section

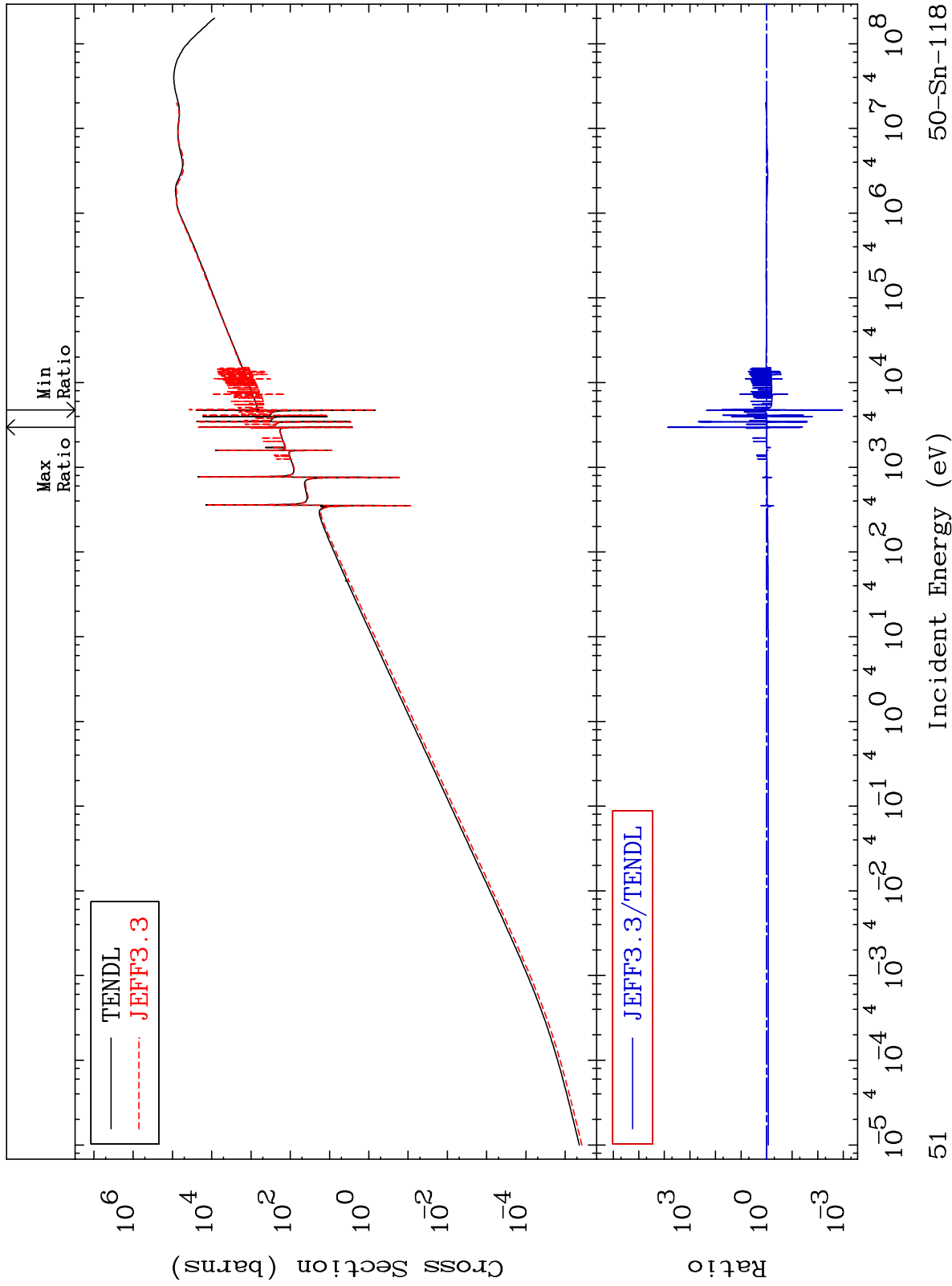
50-Sn-118  
-99.83 To 9999. %



MAT 5043

Kerma elastic  
Cross Section

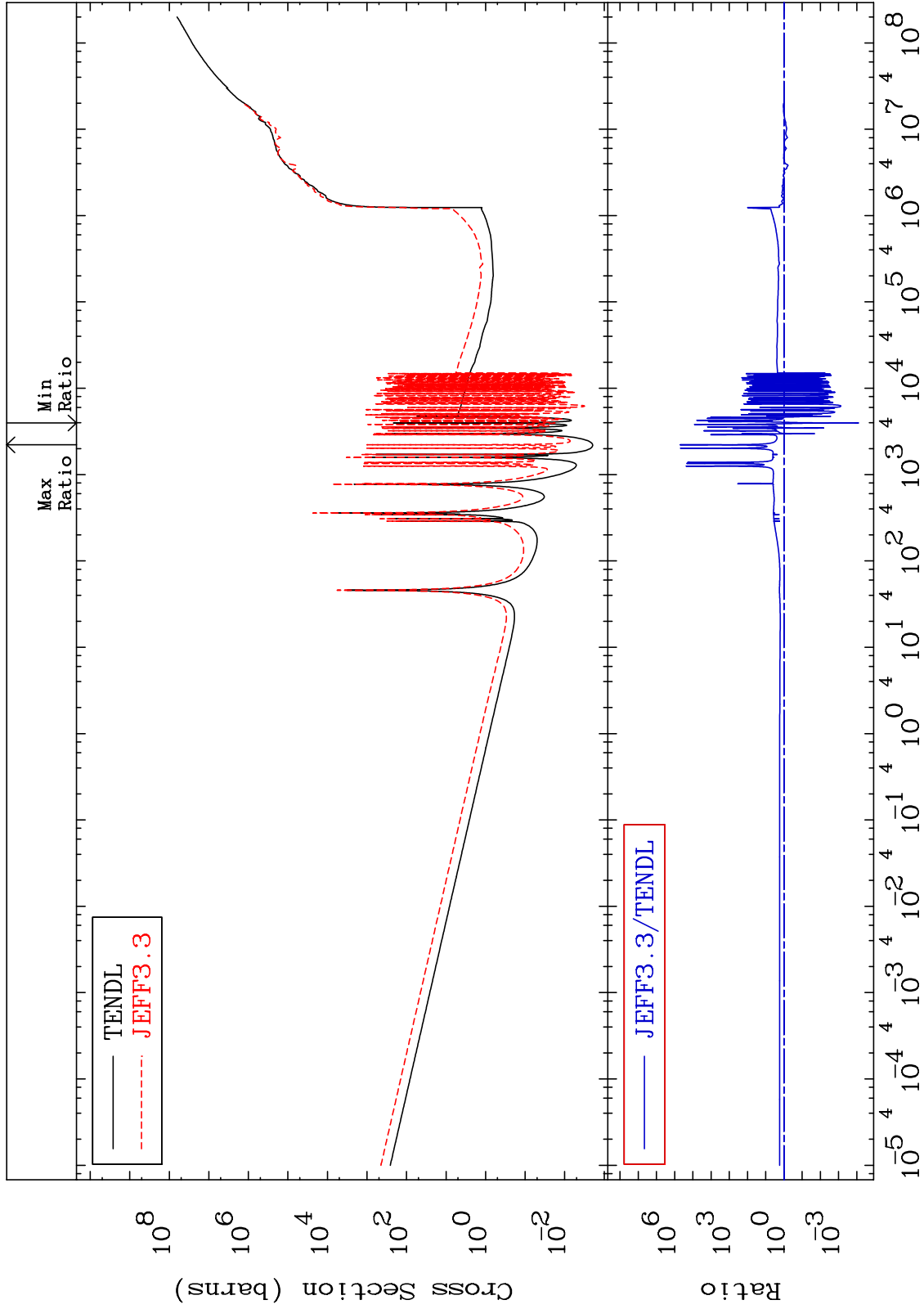
50-Sn-118  
-99.89 To 9999. %



MAT 5043

Kerma non-elastic (all but mt2)  
Cross Section

50-Sn-118  
-99.99 To 9999. %



52

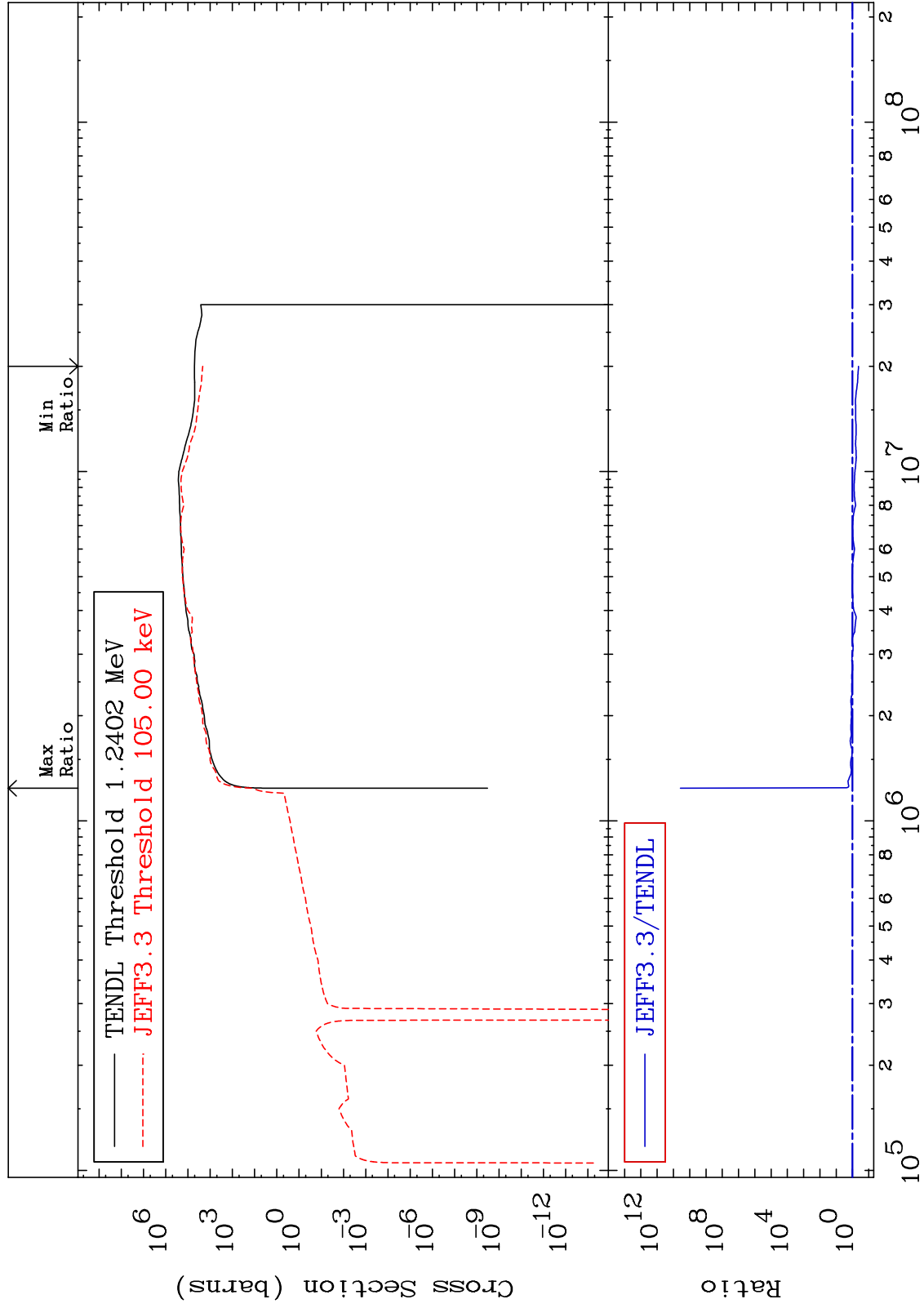
Incident Energy (eV)

50-Sn-118

MAT 5043

Kerma inelastic (mt51-91)  
Cross Section

50-Sn-118  
-57.41 To 9999. %



Incident Energy (eV)

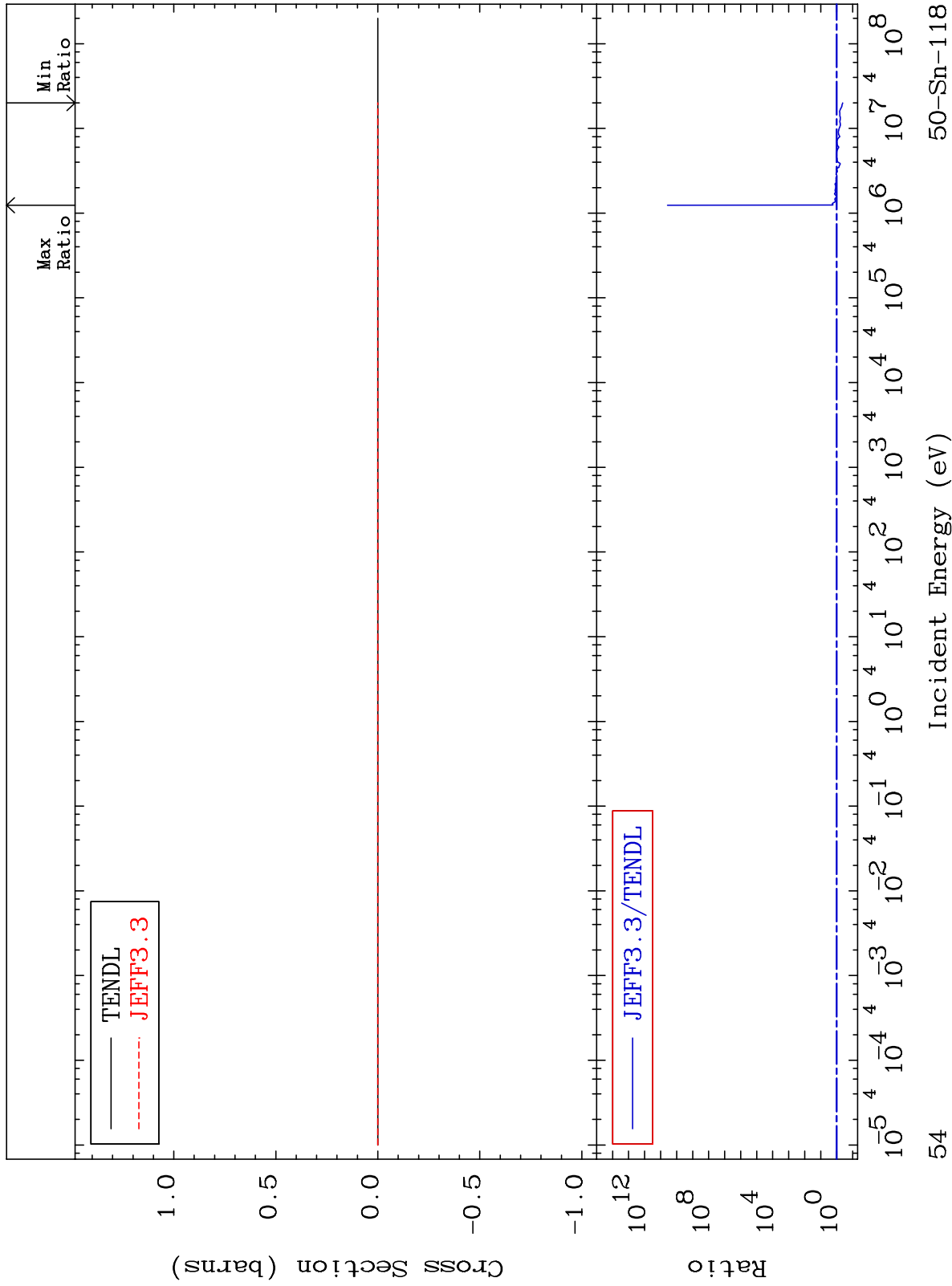
50-Sn-118

53

MAT 5043

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

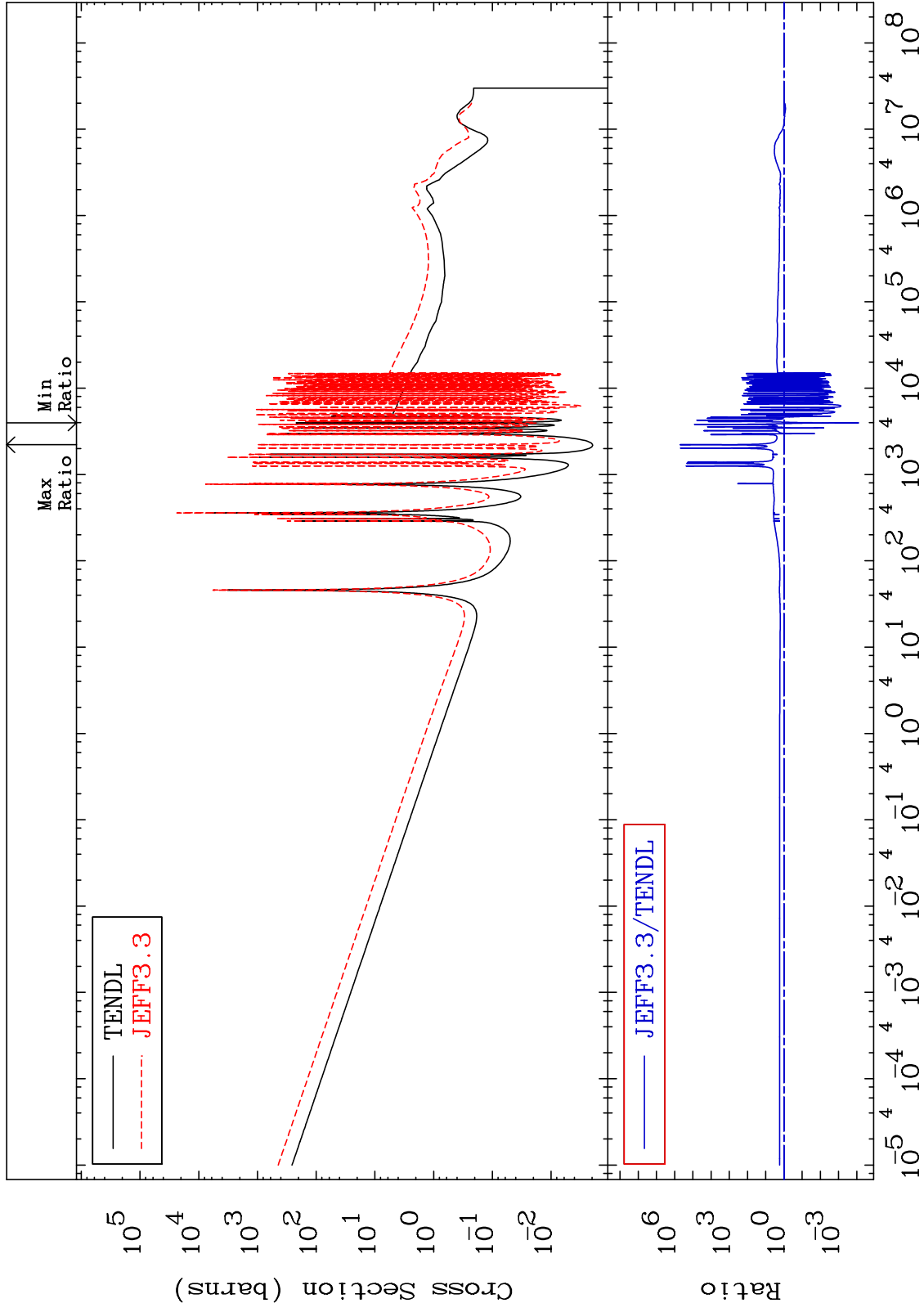
50-Sn-118  
-57.41 To 9999. %



MAT 5043

Kerma capture (mt102)  
Cross Section

50-Sn-118  
-99.99 To 9999. %



55

Incident Energy (eV)

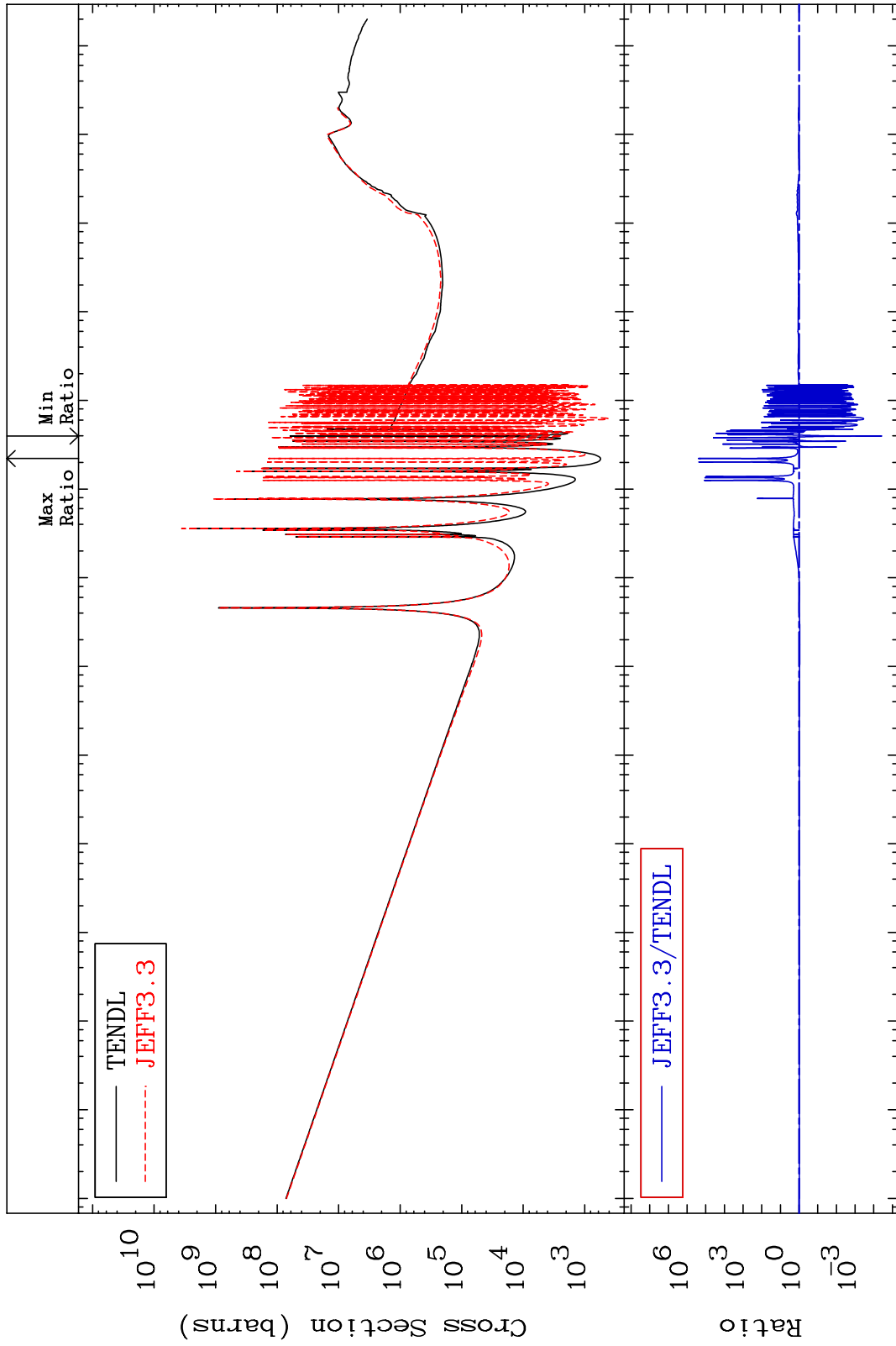
50-Sn-118



MAT 5043

Total photon (eV-barns)  
Cross Section

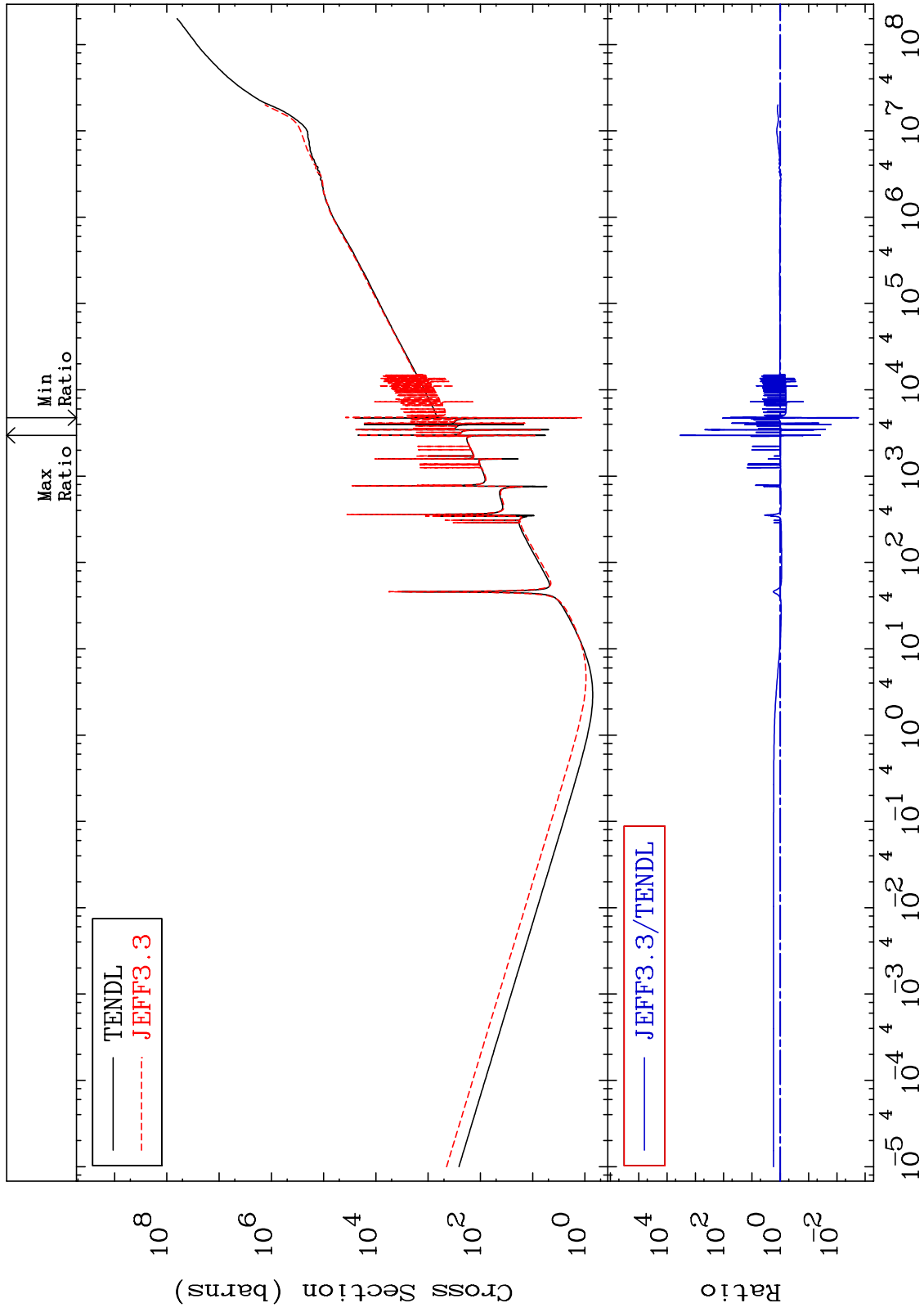
50-Sn-118  
-100.0 To 9999. %



MAT 5043

Total kinematic kerma (high limit)  
Cross Section

50-Sn-118  
-99.83 To 9999. %



57

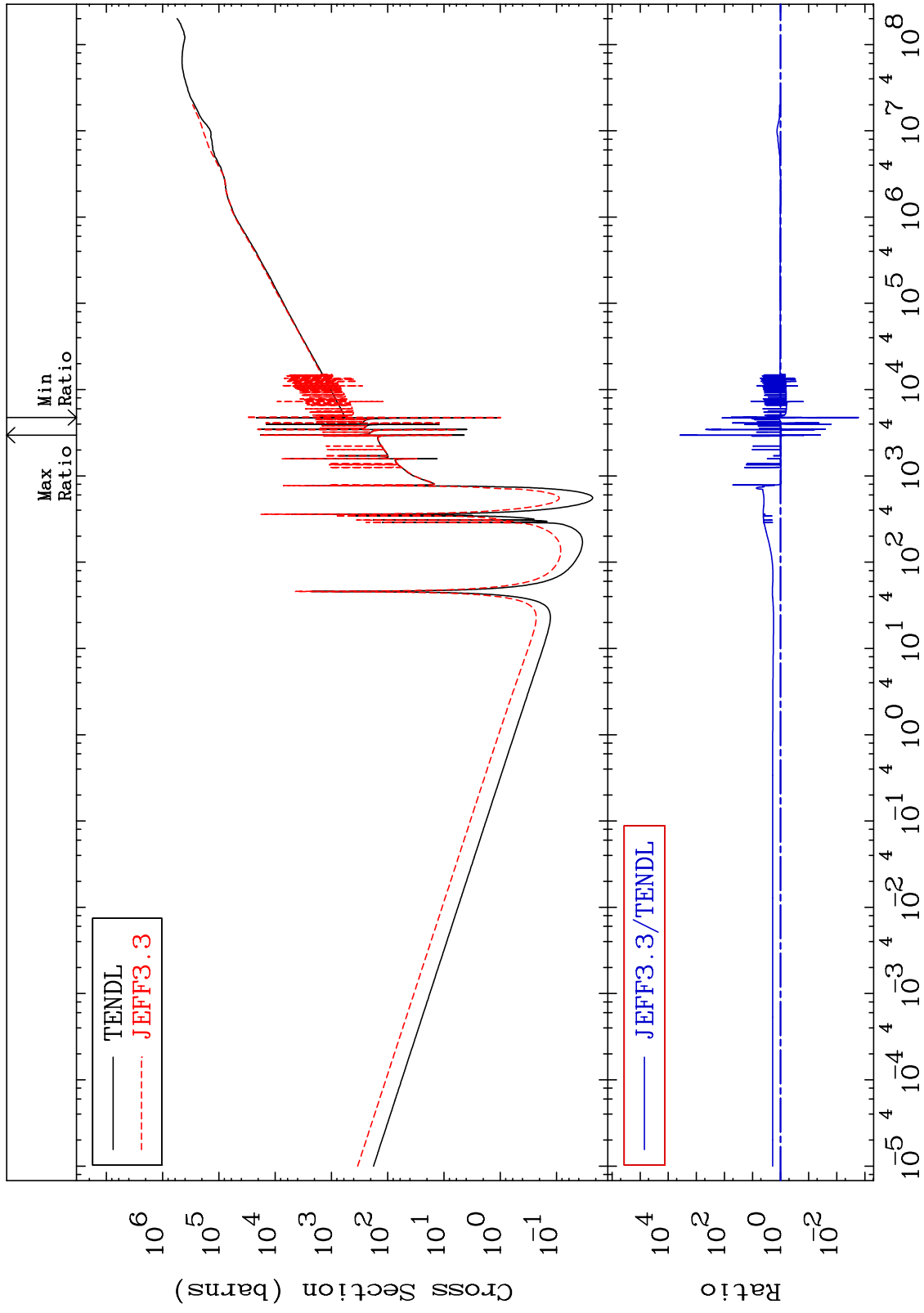
Incident Energy (eV)

50-Sn-118

MAT 5043

Dpa total (eV-barns)  
Cross Section

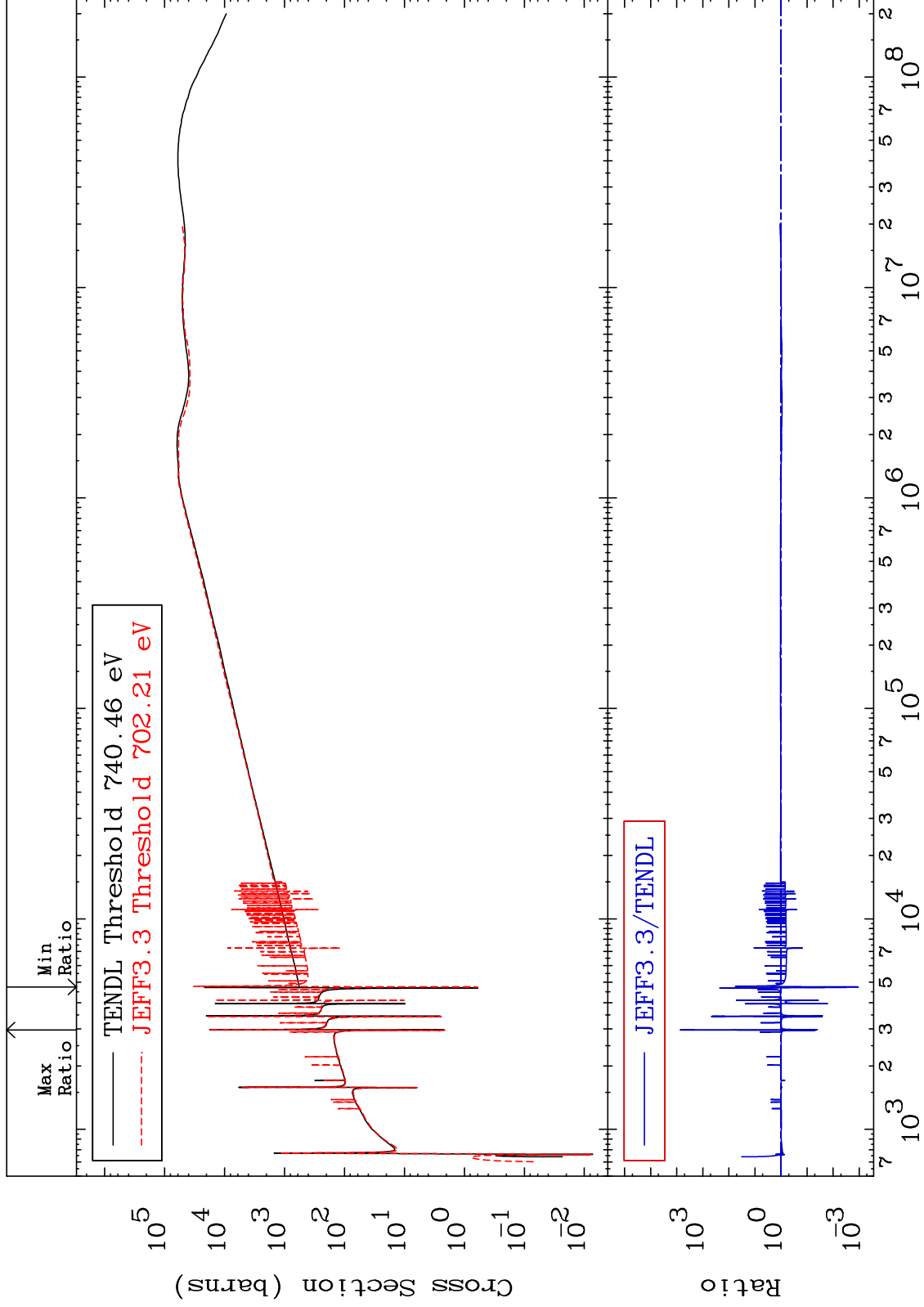
50-Sn-118  
-99.83 To 9999. %



MAT 5043

Dpa elastic (mt2)  
Cross Section

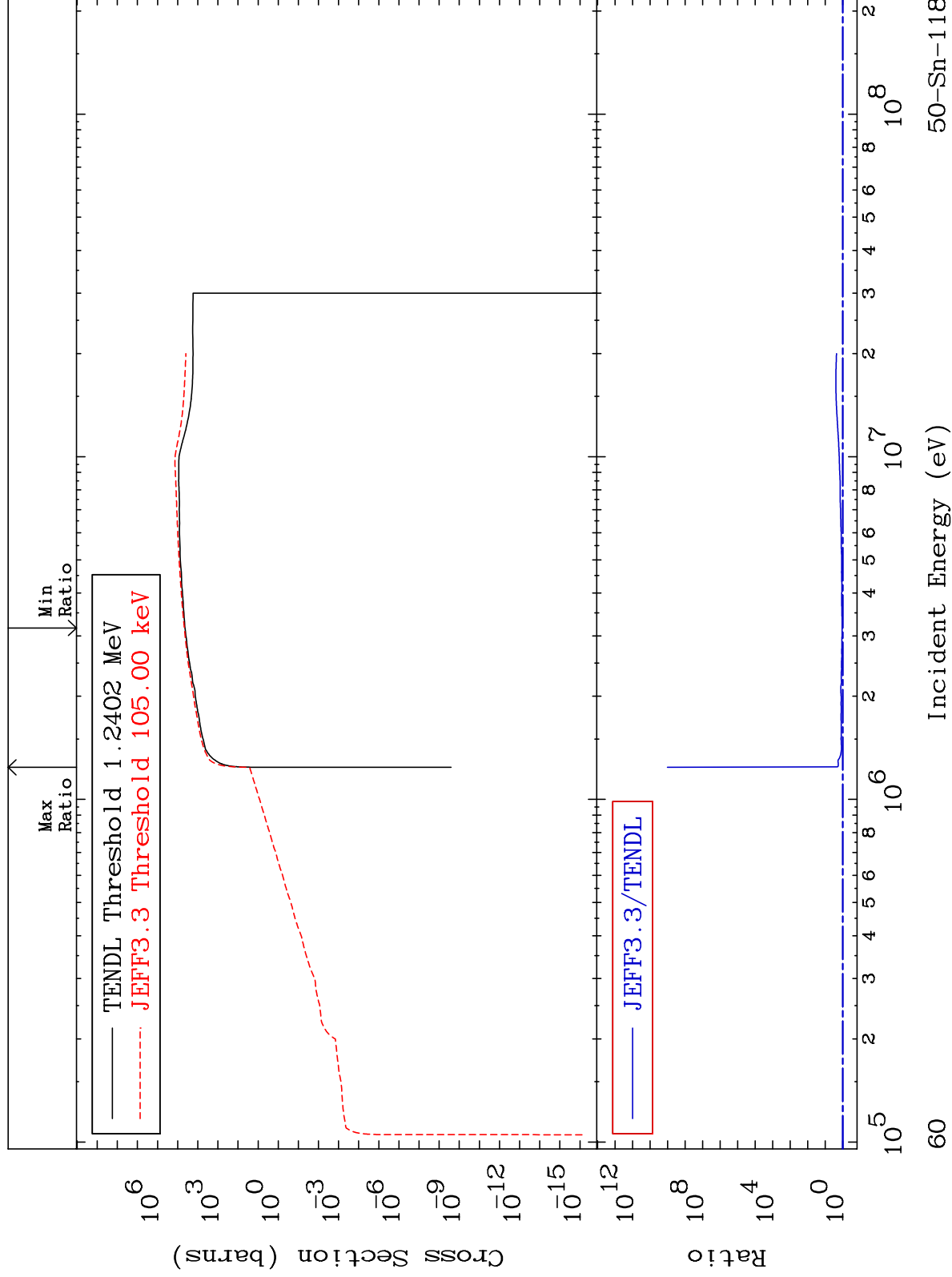
50-Sn-118  
-99.89 To 9999. %



MAT 5043

Dpa inelastic (mt51-91)  
Cross Section

50-Sn-118  
7.842 To 9999. %



50-Sn-118

Incident Energy (eV)

60

MAT 5043

Dpa disappearance (mt102 -120)  
Cross Section

50-Sn-118  
-99.99 To 9999. %

