

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start



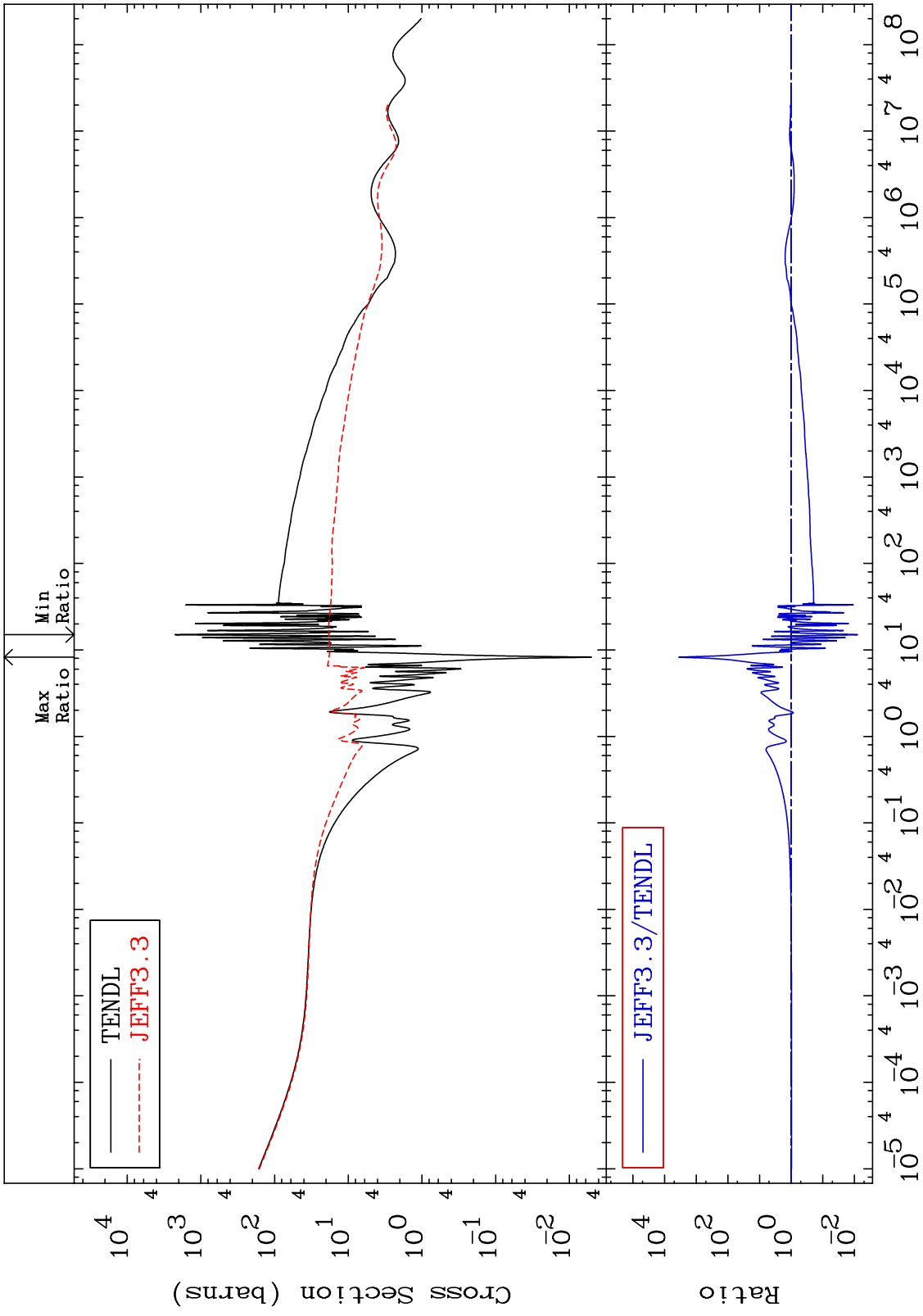
MAT 6328

Elastic

63-Eu-152

Cross Section

-99.19 To 9999. %



— TENDL  
- - - JEFF3.3

— JEFF3.3/TENDL

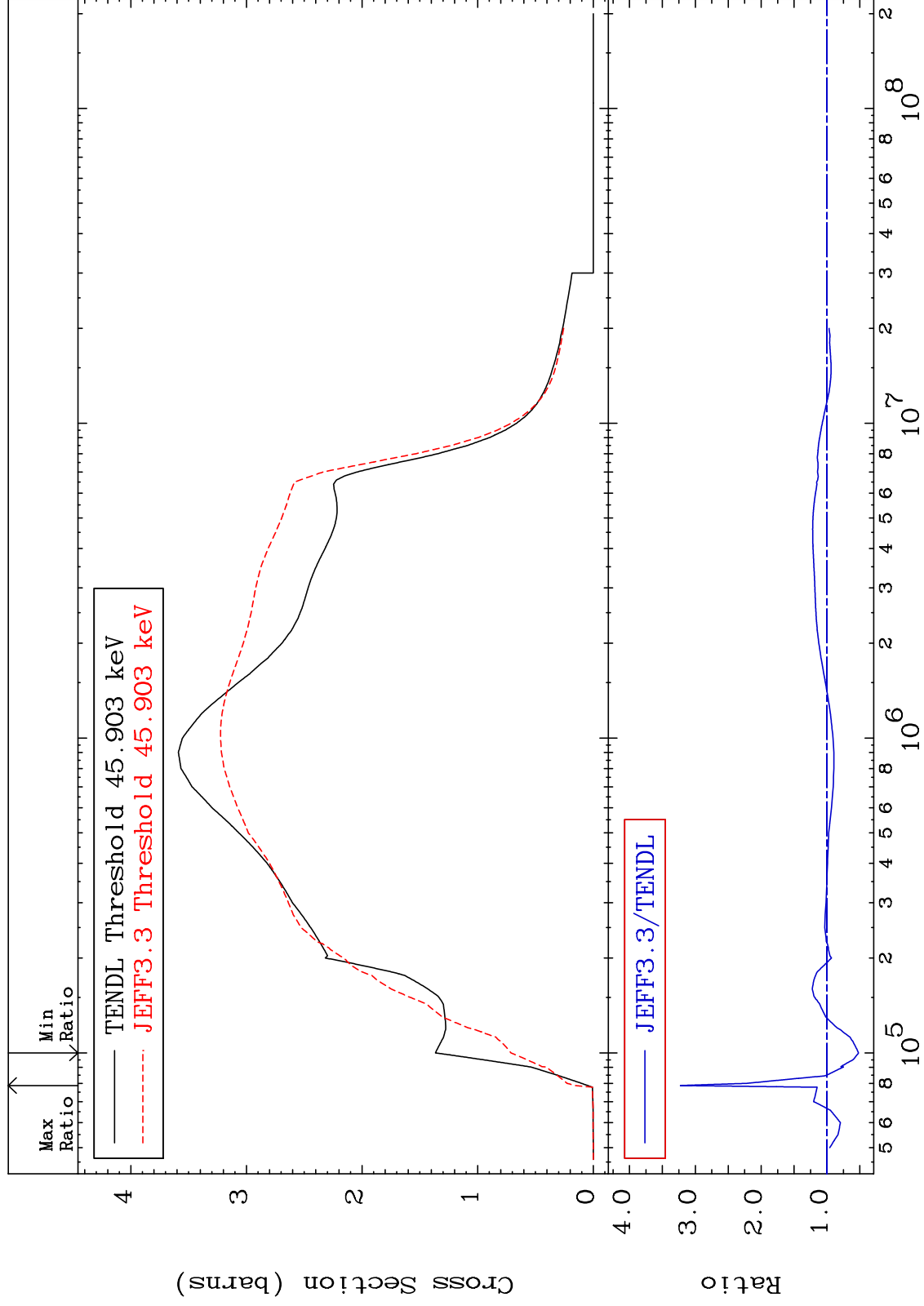
Incident Energy (eV)

63-Eu-152

MAT 6328

Inelastic  
Cross Section

63-Eu-152  
-47.93 To 222.6 %



3

Incident Energy (eV)

63-Eu-152

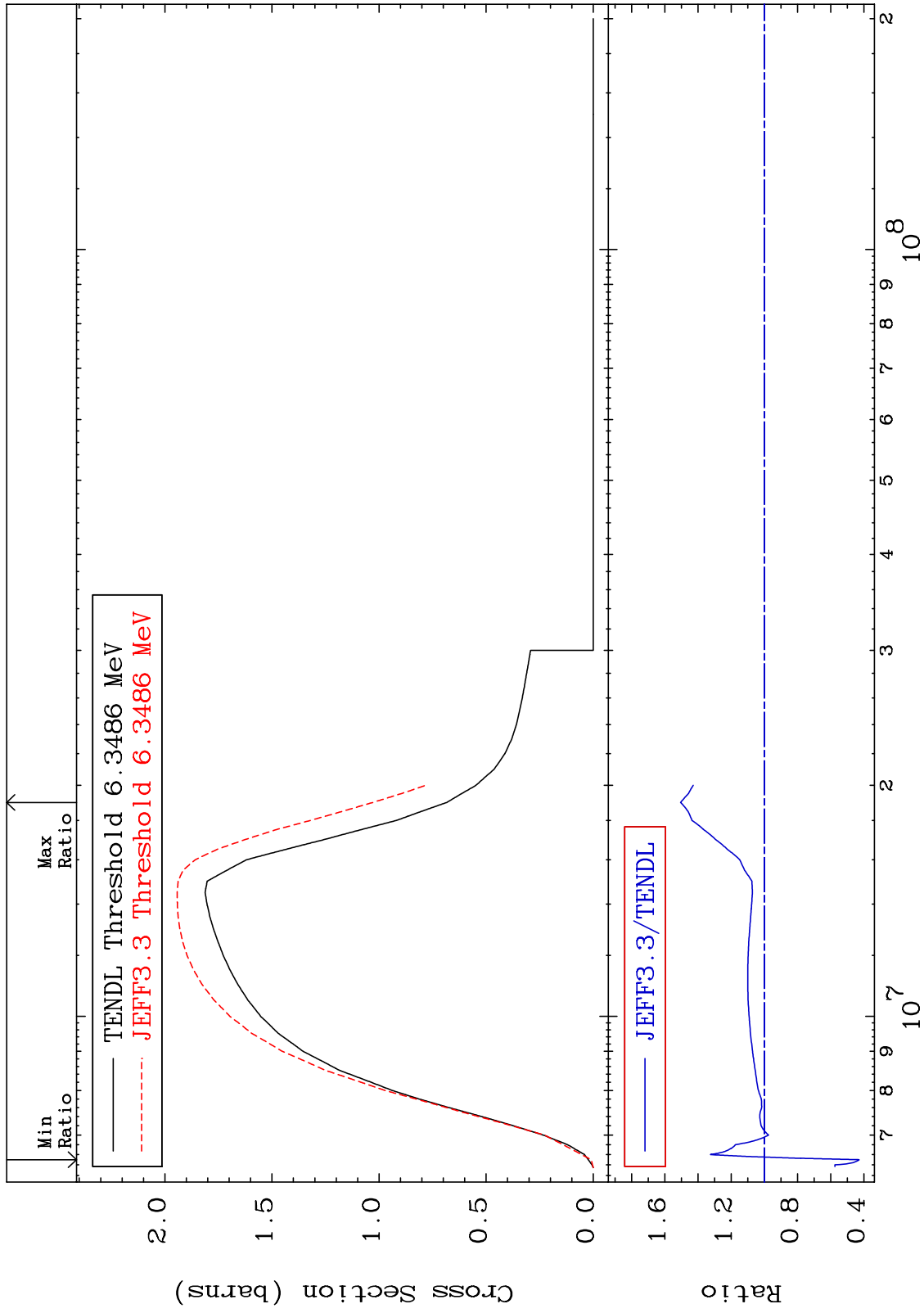
MAT 6328

(n, 2n)

63-Eu-152

Cross Section

-57.15 To 50.51 %



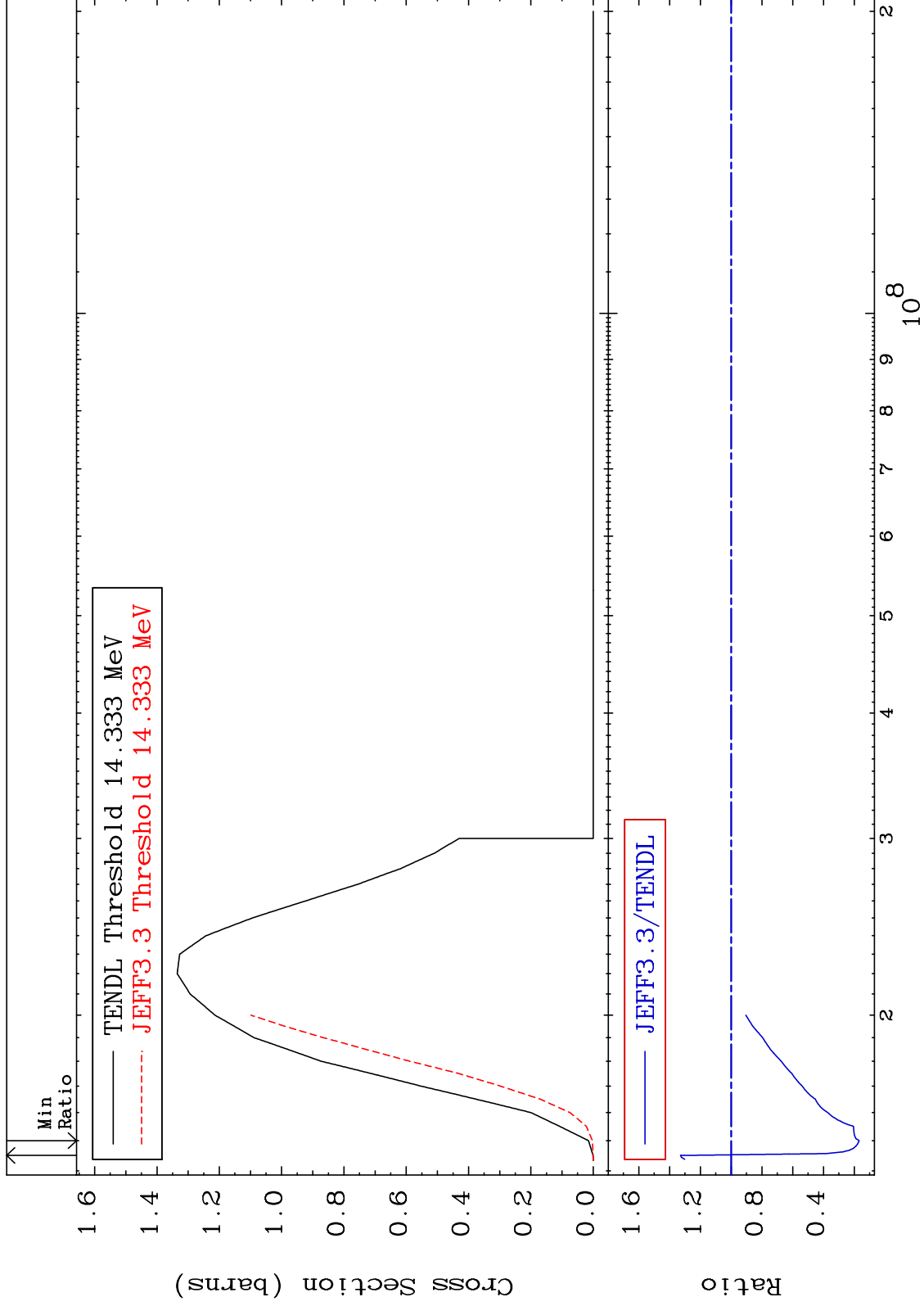
MAT 6328

(n, 3n)

63-Eu-152

Cross Section

-83.17 To 32.81 %



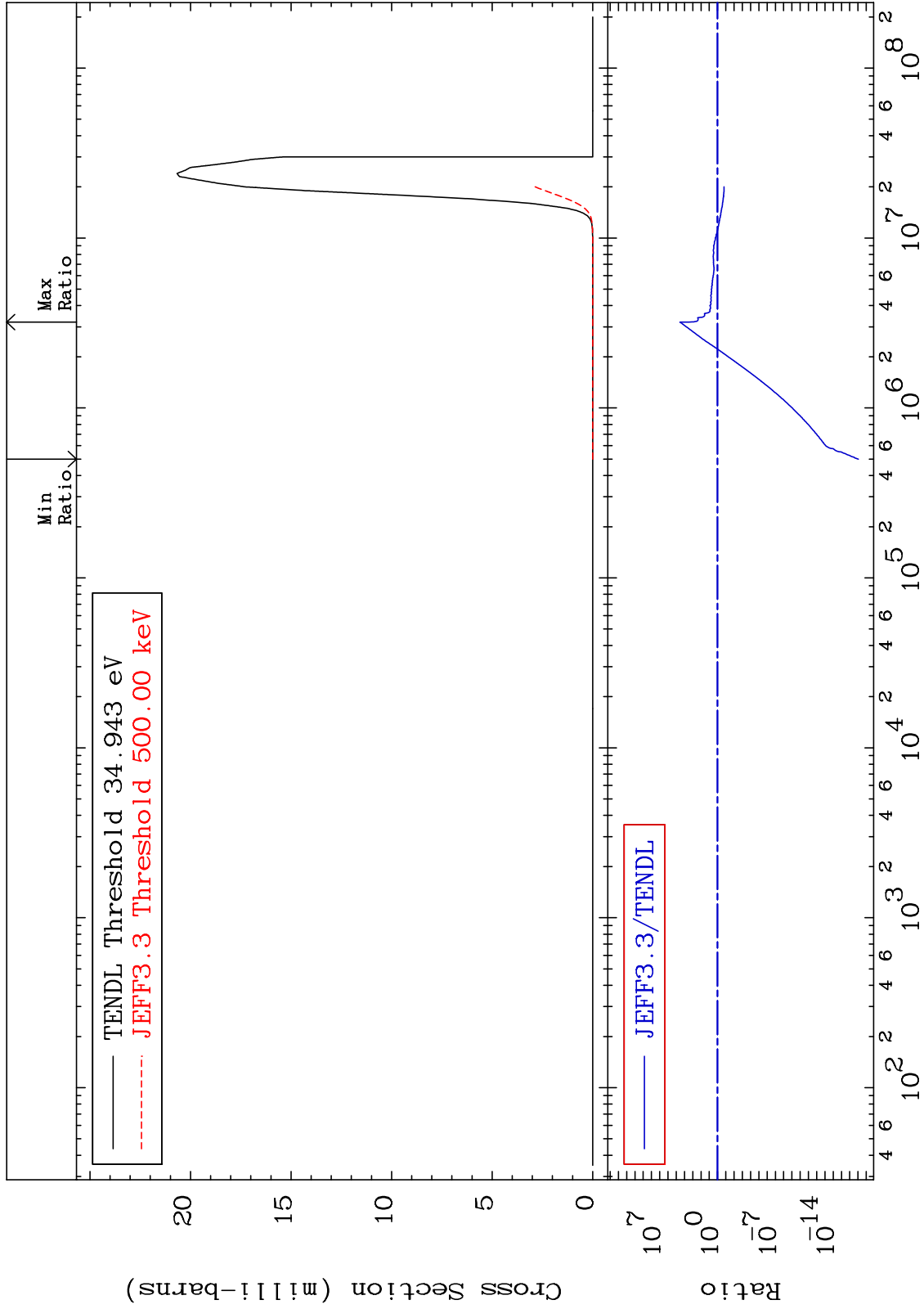
MAT 6328

(n,n')  $\alpha$

63-Eu-152

Cross Section

-100.0 To 9999. %



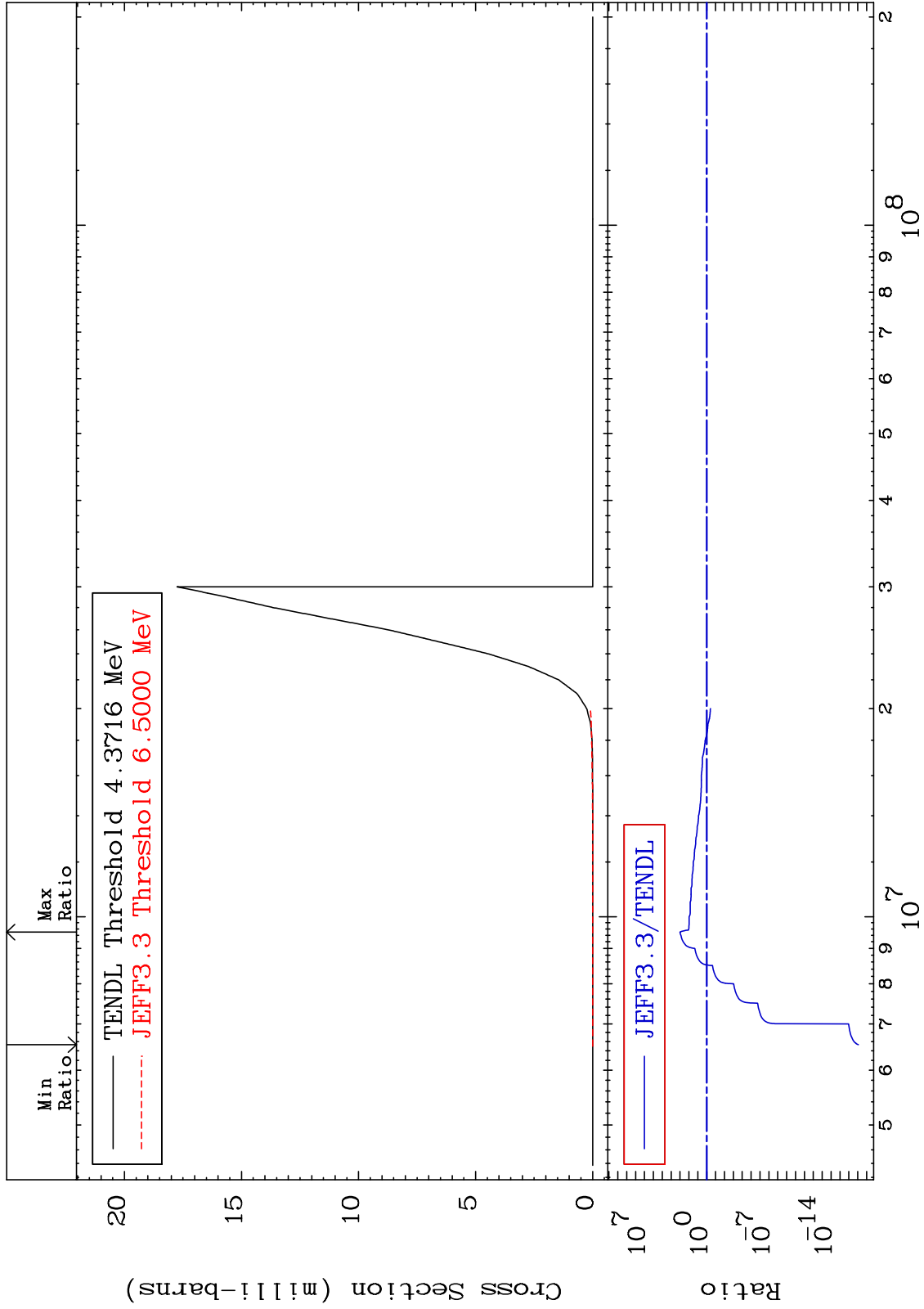
MAT 6328

(n,2n)  $\alpha$

63-Eu-152

Cross Section

-100.0 To 9999. %

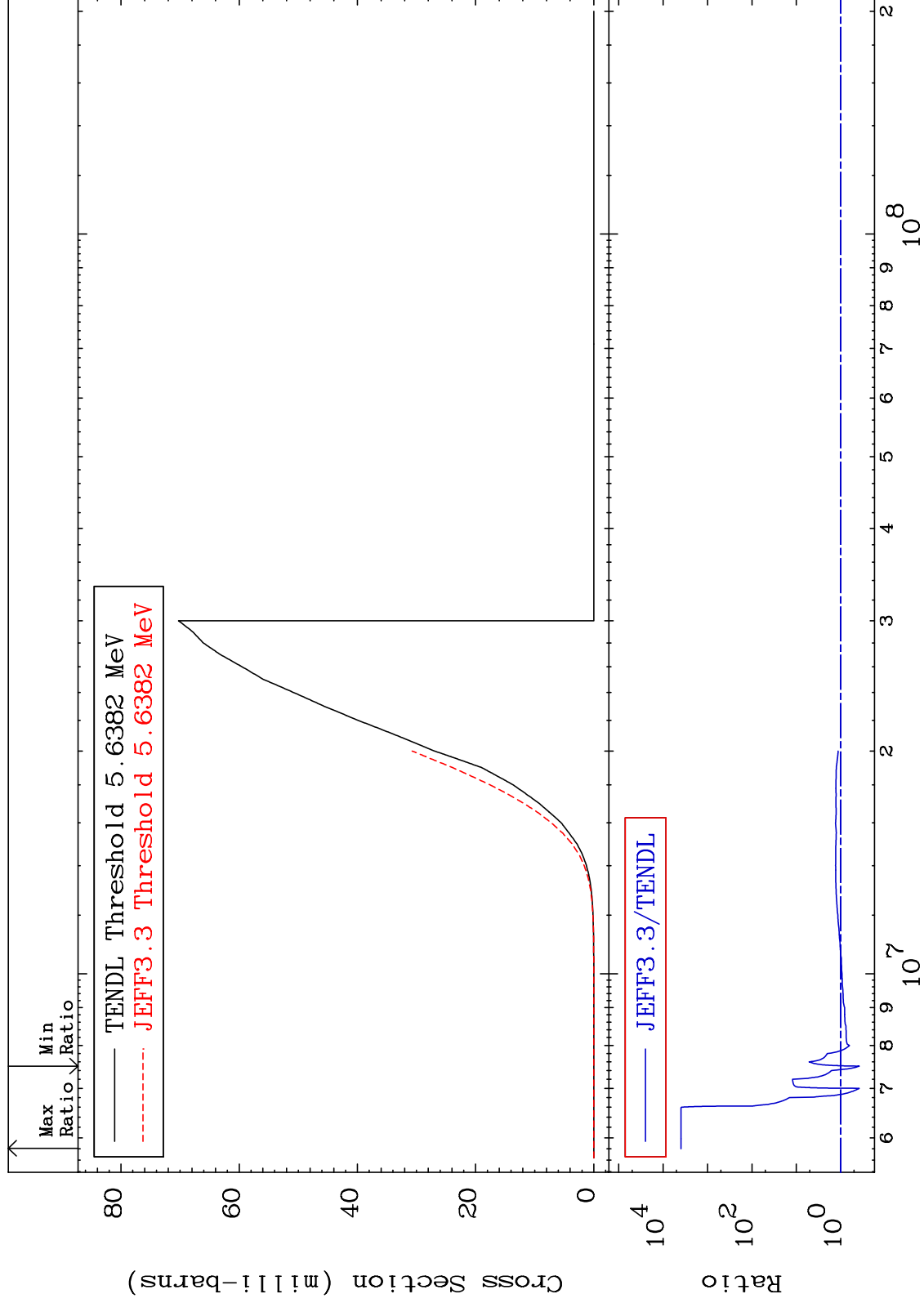




MAT 6328

(n,n') p  
Cross Section

63-Eu-152  
-61.81 To 9999. %



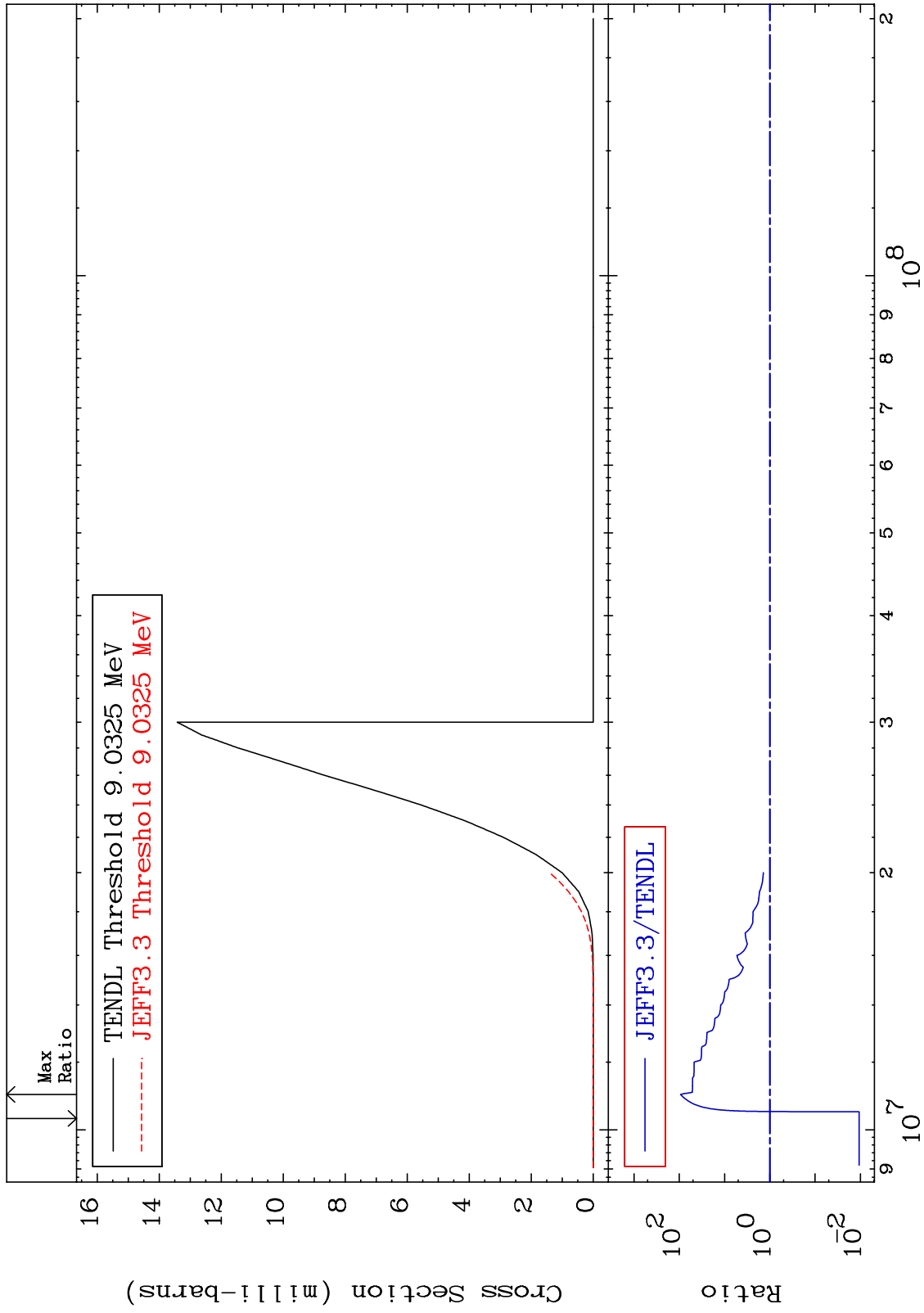
MAT 6328

(n, n') d

63-Eu-152

Cross Section

-98.94 To 9252. %



Incident Energy (eV)

63-Eu-152

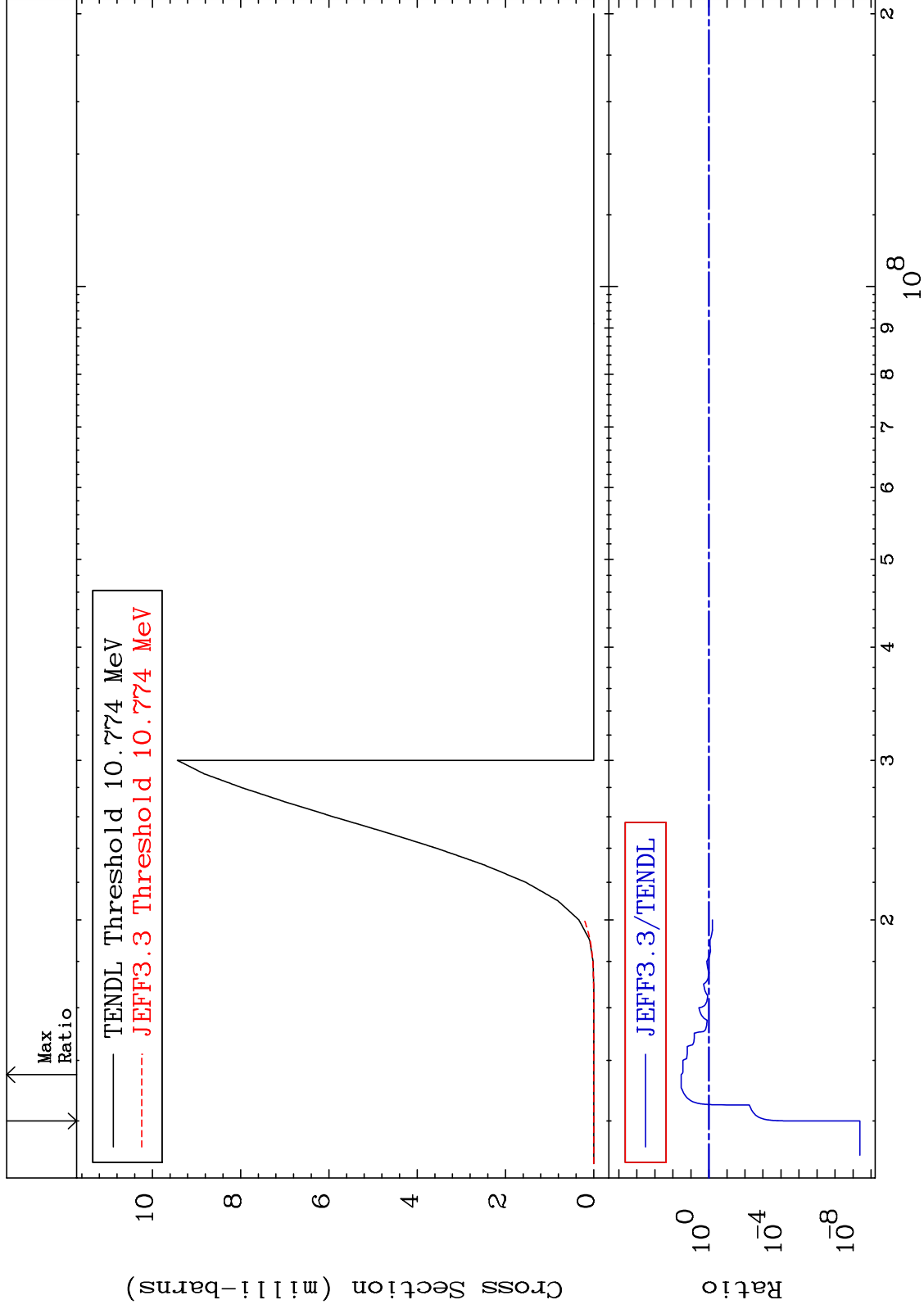
MAT 6328

(n,n') t

63-Eu-152

Cross Section

-100.0 To 3360. %



10

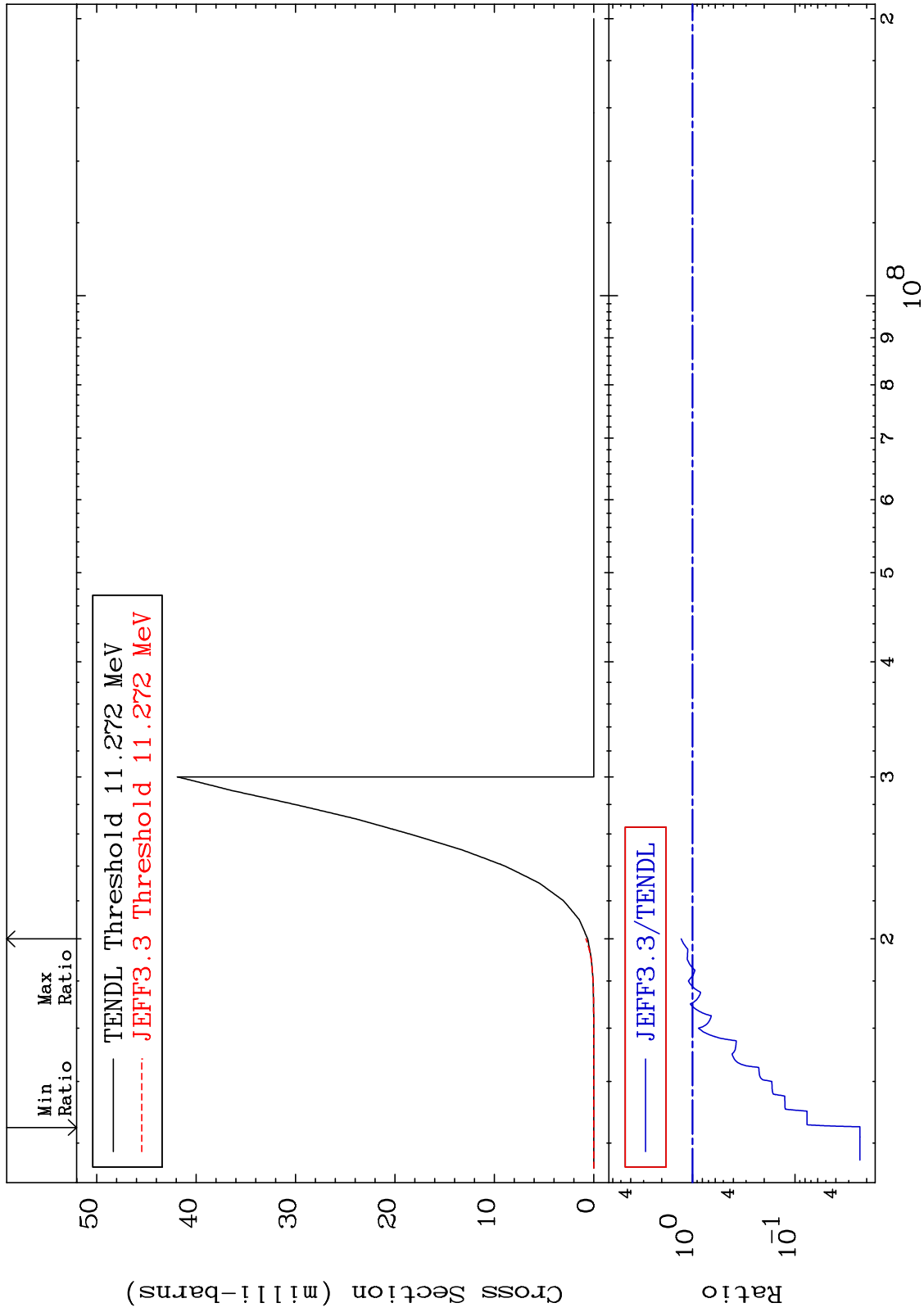
Incident Energy (eV)

63-Eu-152

MAT 6328

(n,2n) p  
Cross Section

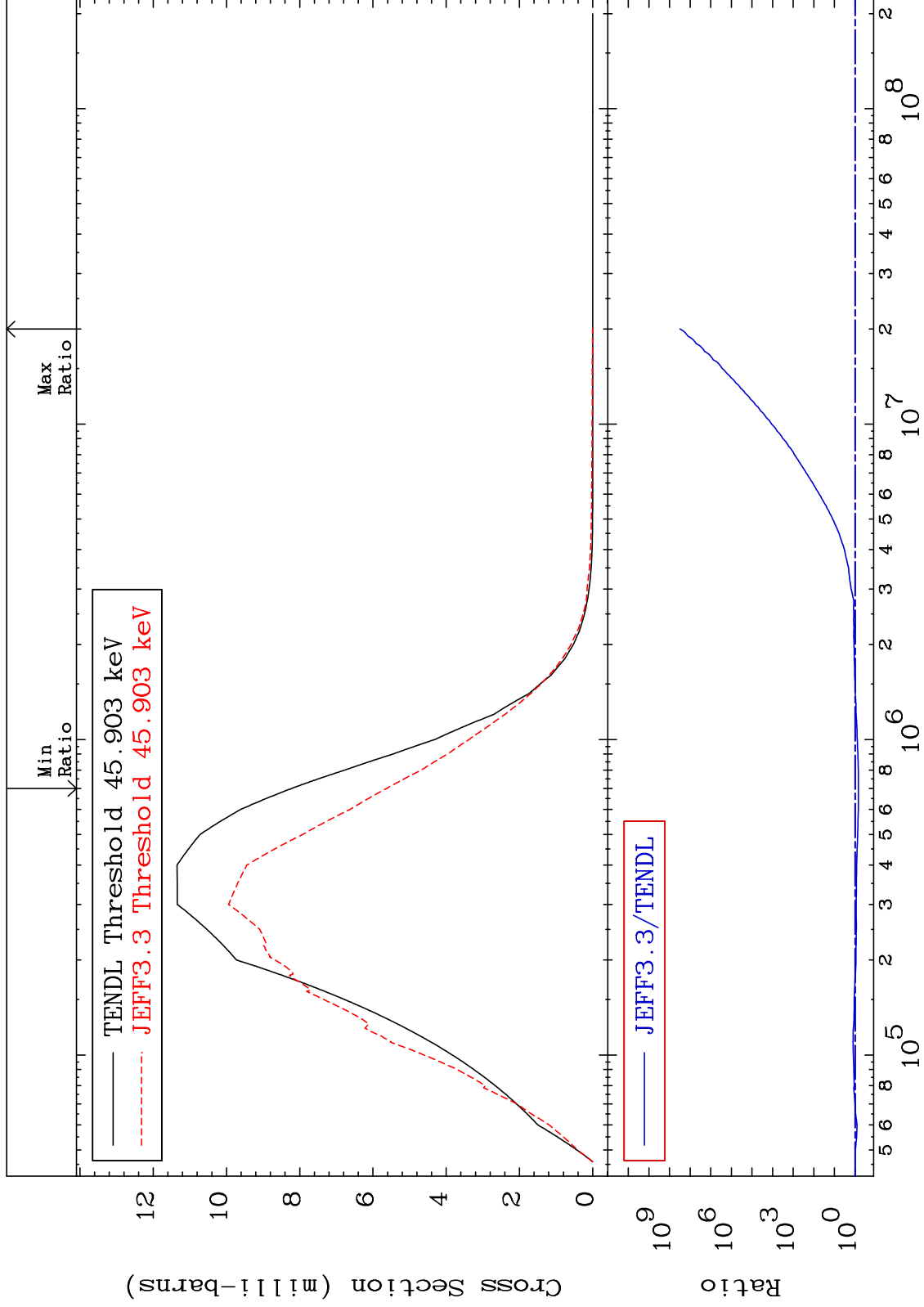
63-Eu-152  
-97.67 To 28.84 %



MAT 6328

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

63-Eu-152  
-31.58 To 9999. %



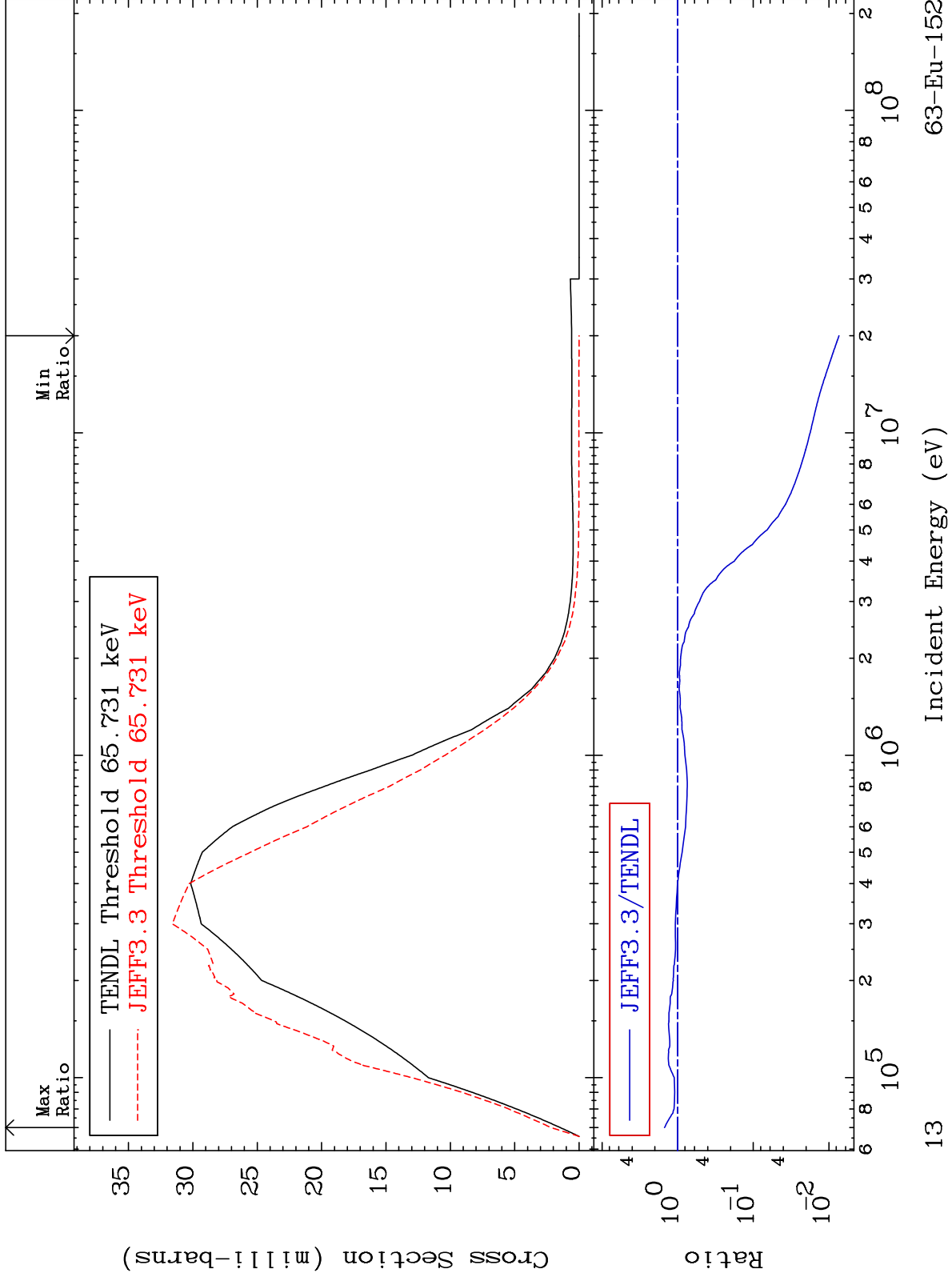
12

63-Eu-152

MAT 6328

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

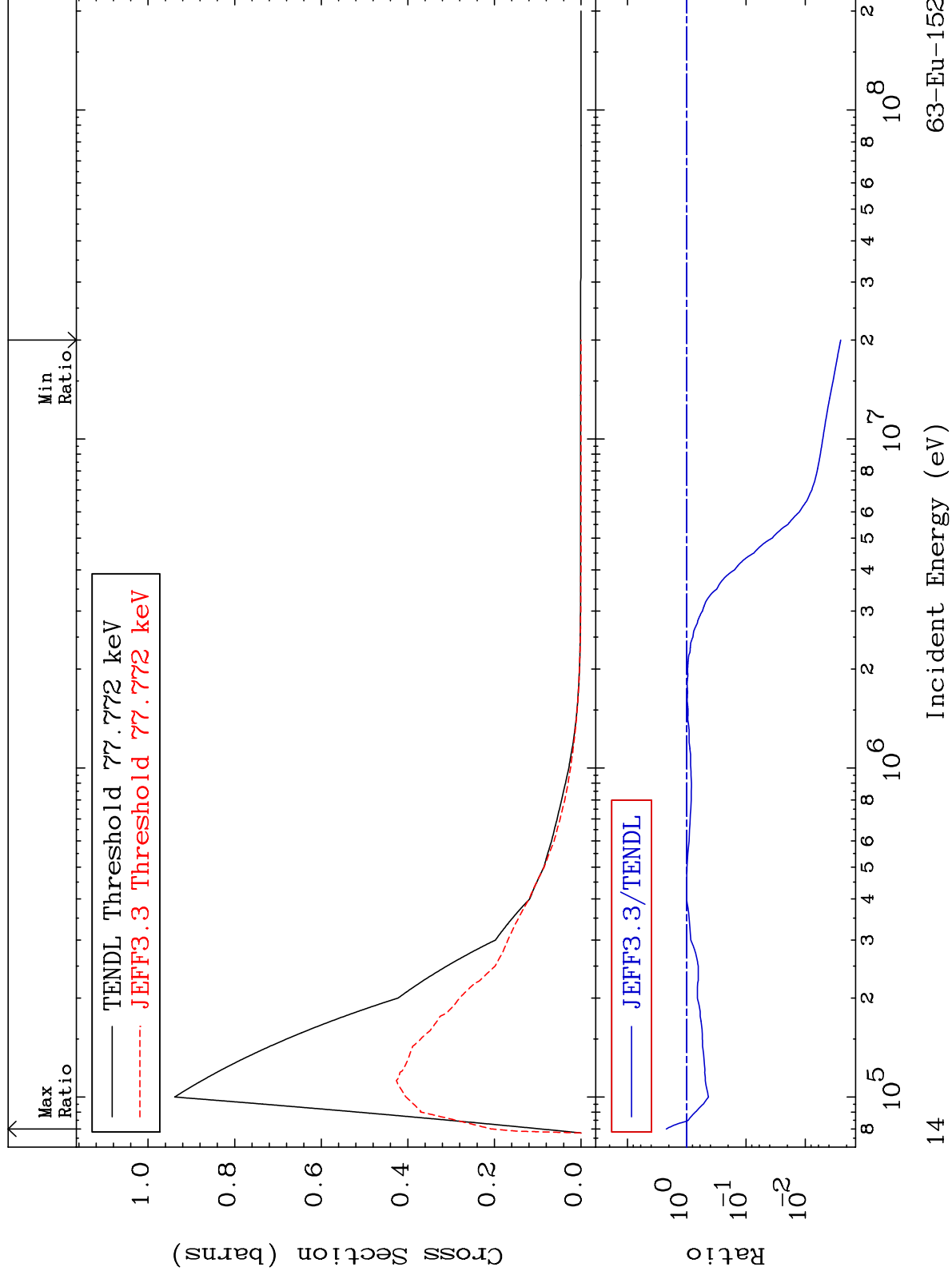
63-Eu-152  
-99.27 To 49.27 %



MAT 6328

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

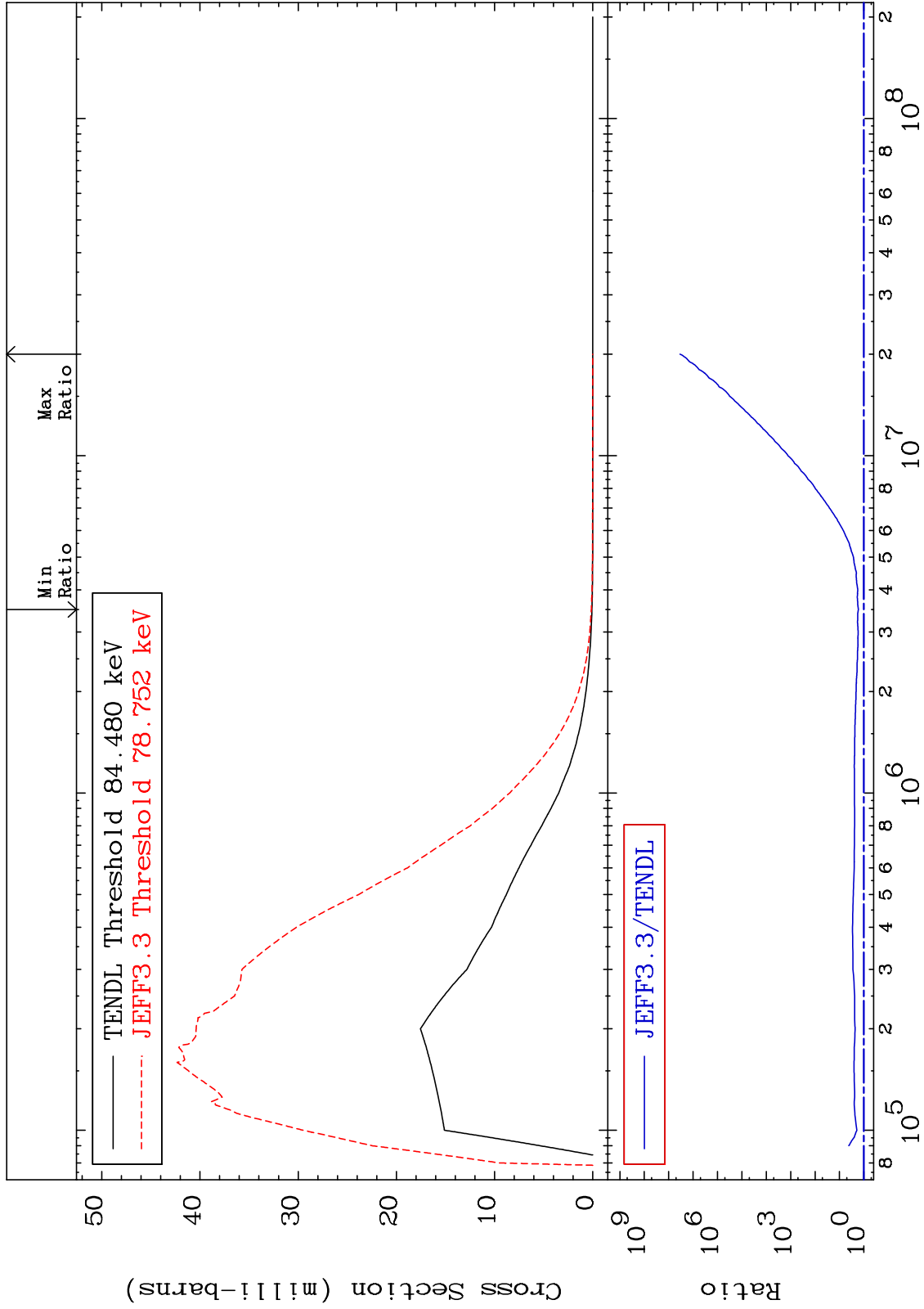
63-Eu-152  
-99.75 To 121.0 %



MAT 6328

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

63-Eu-152  
67.59 To 9999. %



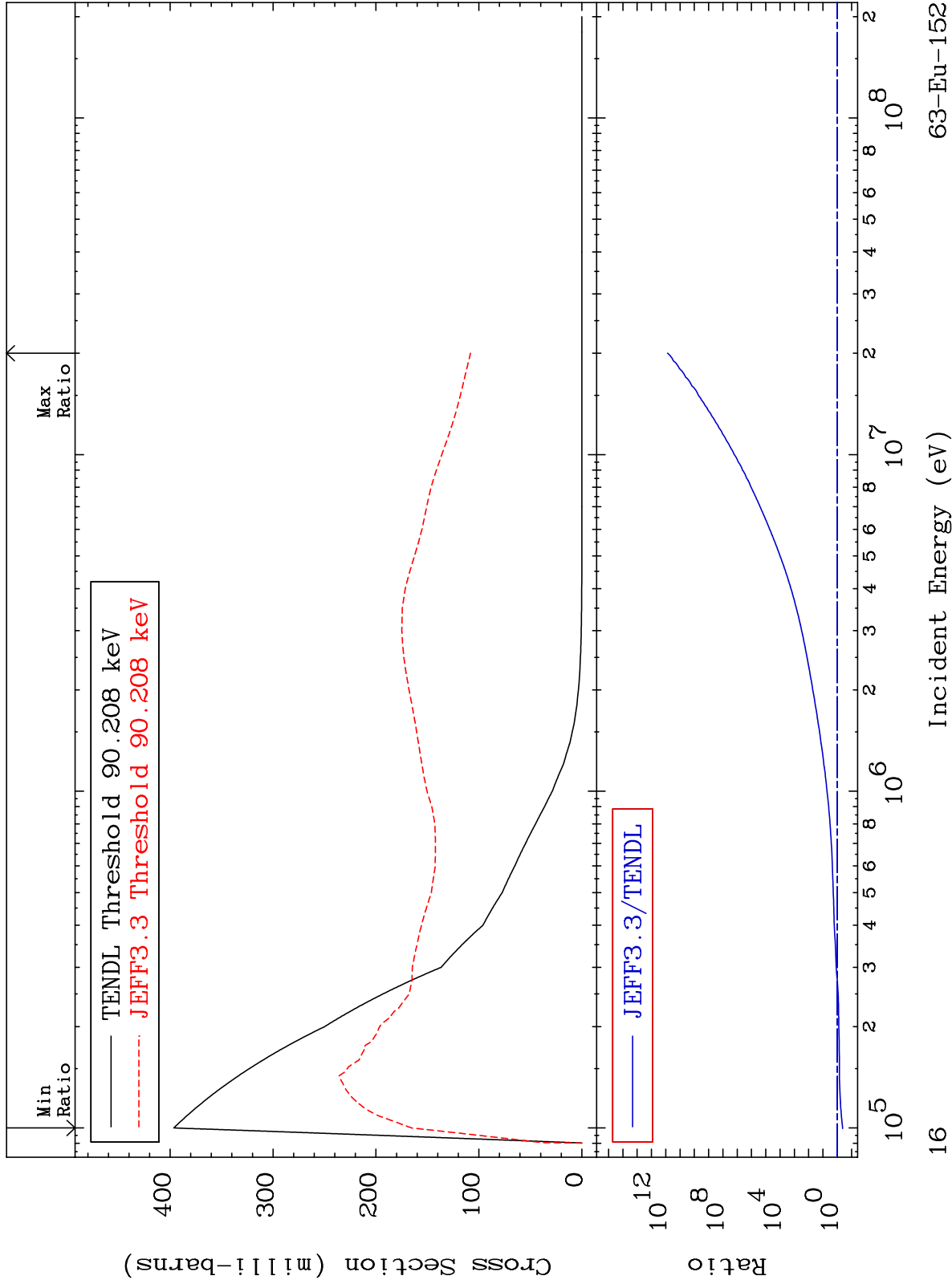
15 Incident Energy (eV) 63-Eu-152



MAT 6328

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

63-Eu-152  
-58.23 To 9999. %



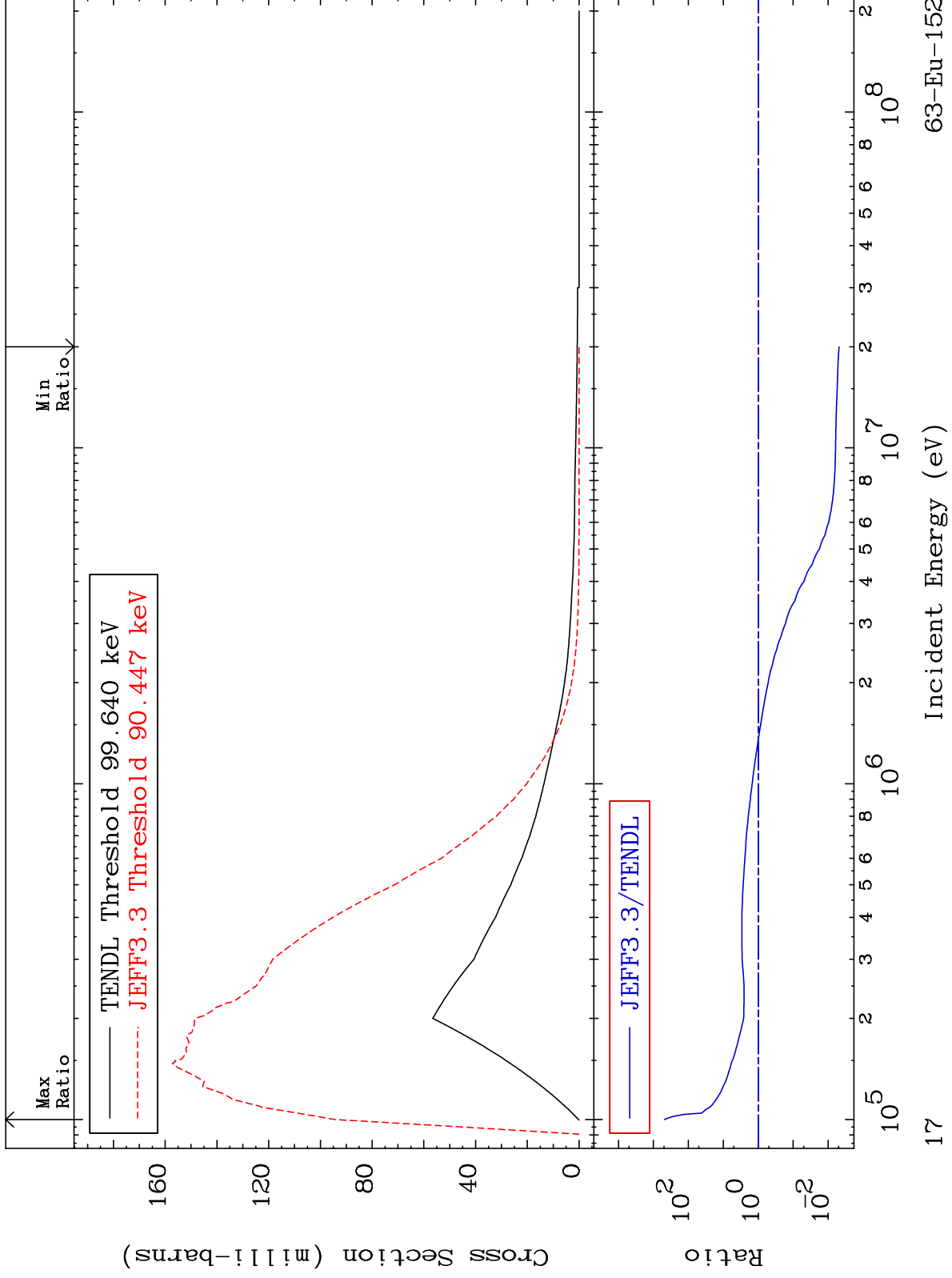
16

63-Eu-152

MAT 6328

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

63-Eu-152  
-99.51 To 9999. %



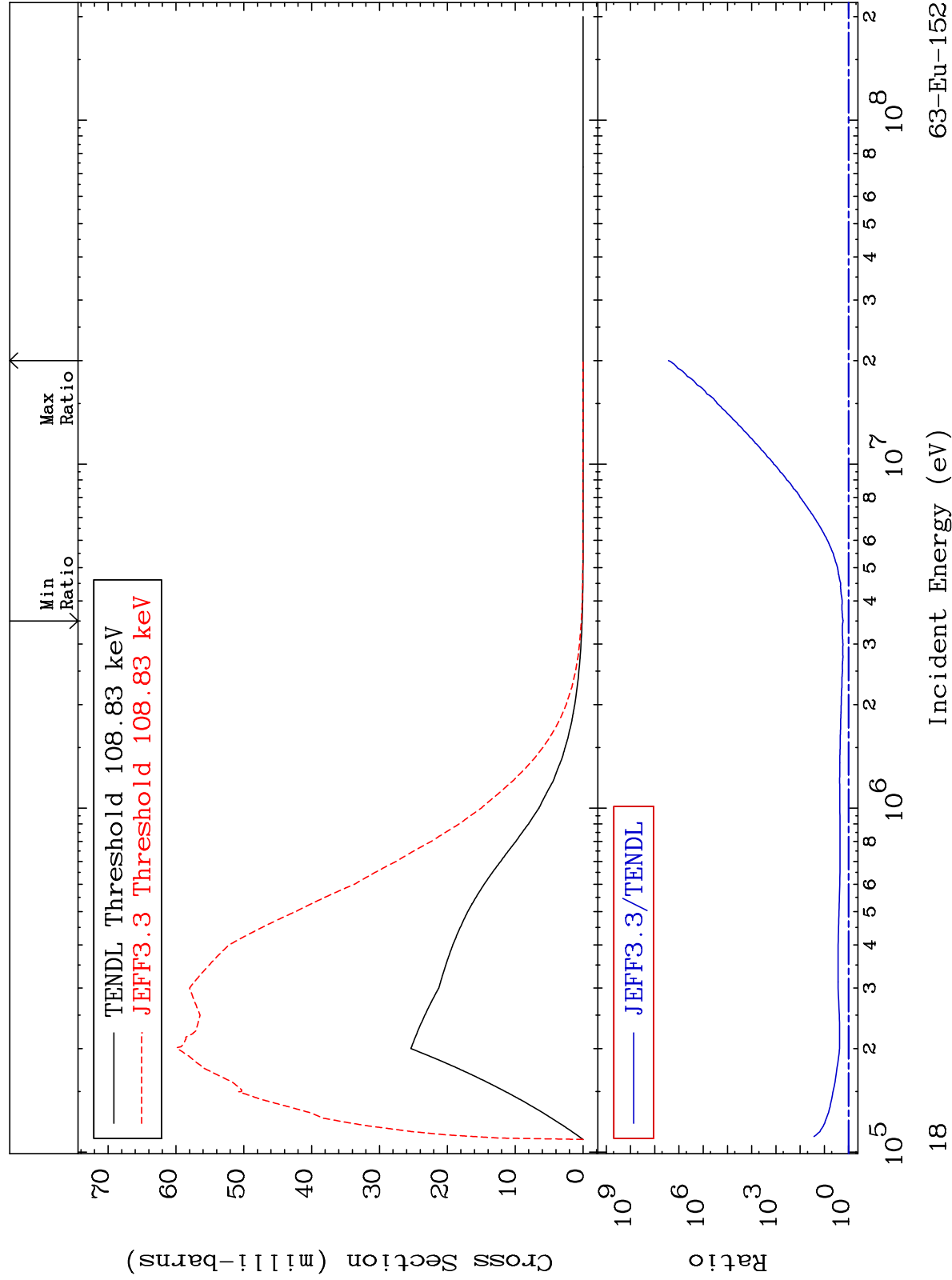
MAT 6328

MT= 57 (n, n') Level

63-Eu-152

70.31 To 9999. %

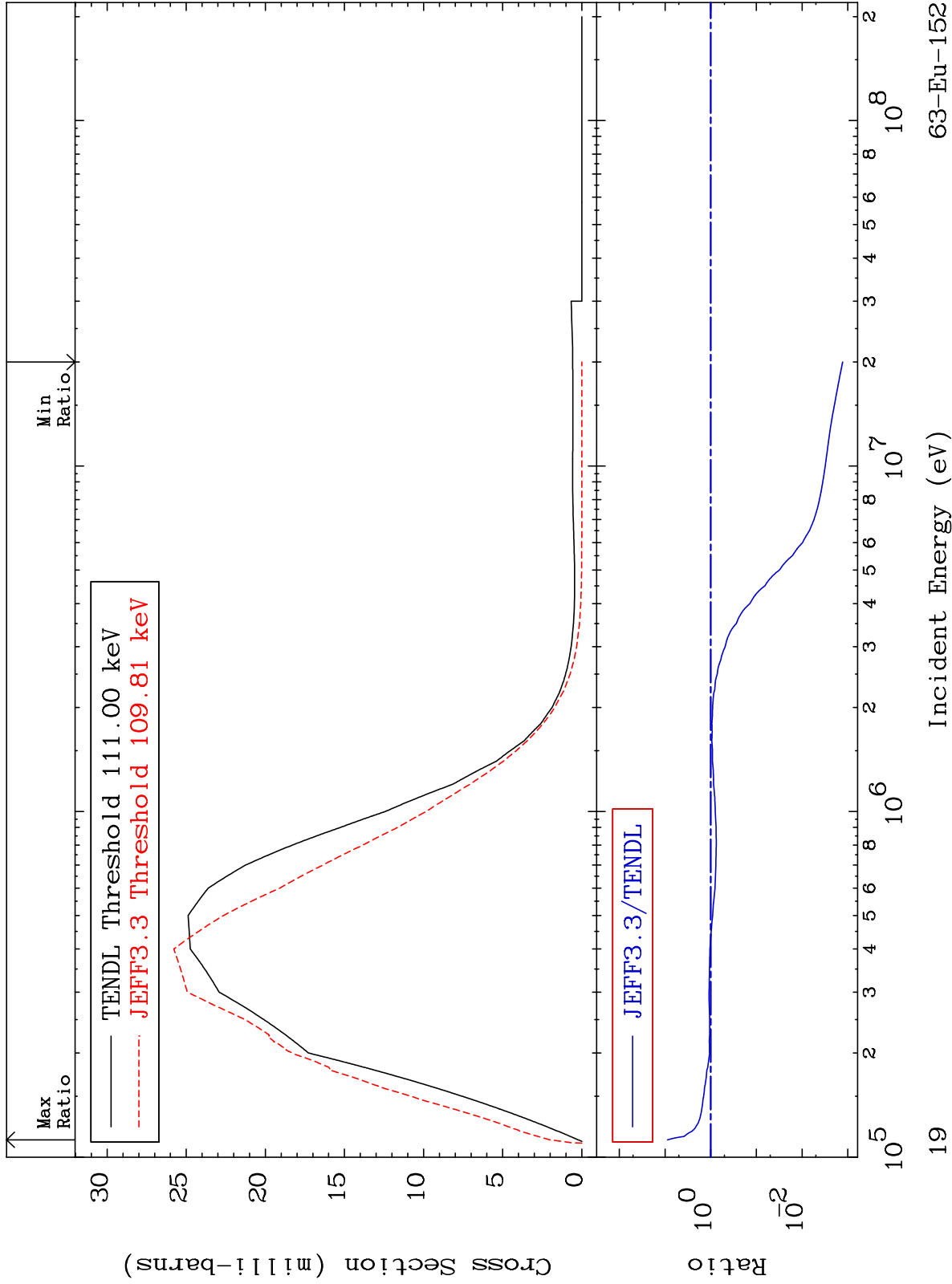
Cross Section



MAT 6328

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

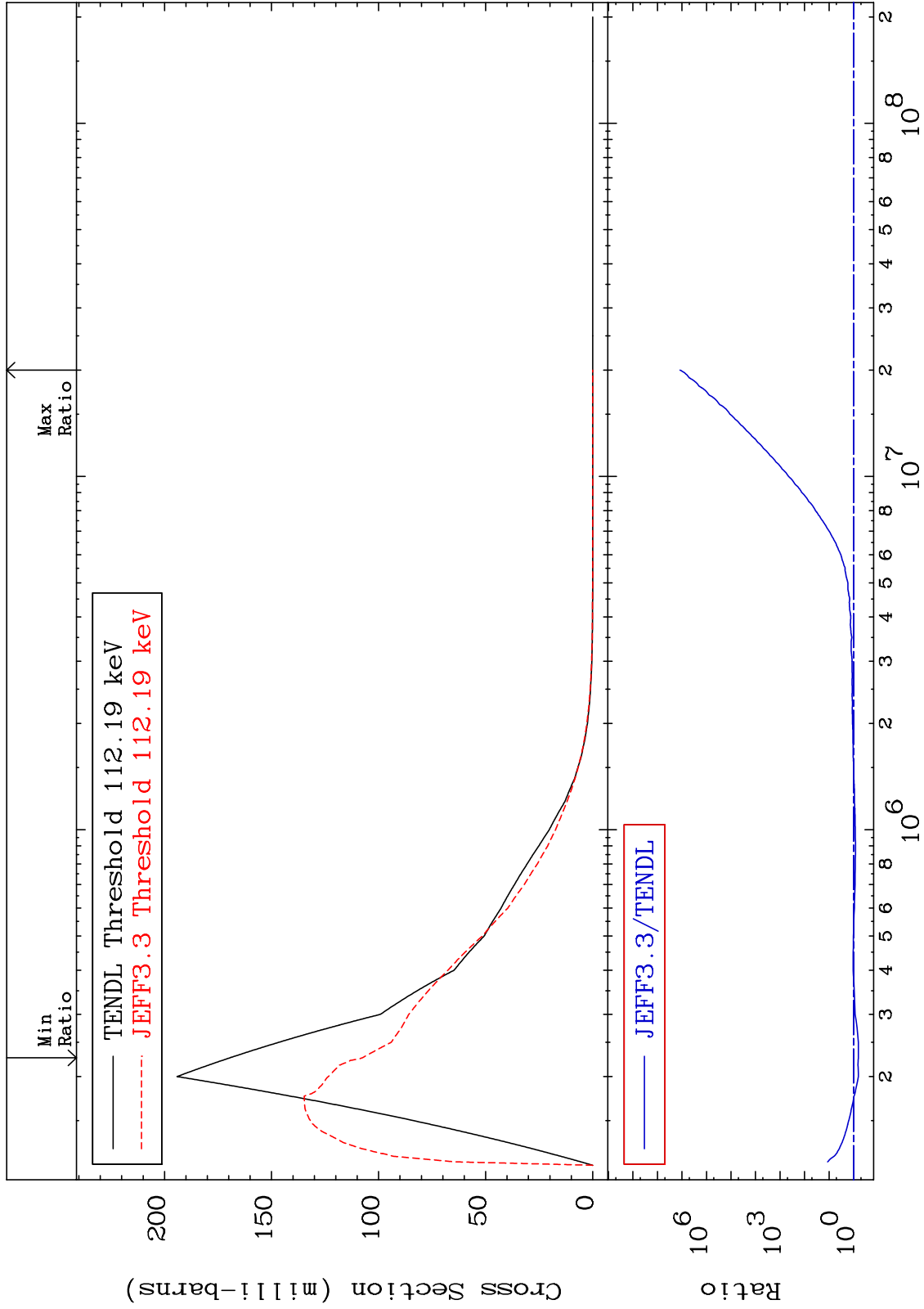
63-Eu-152  
-99.87 To 780.8 %



MAT 6328

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

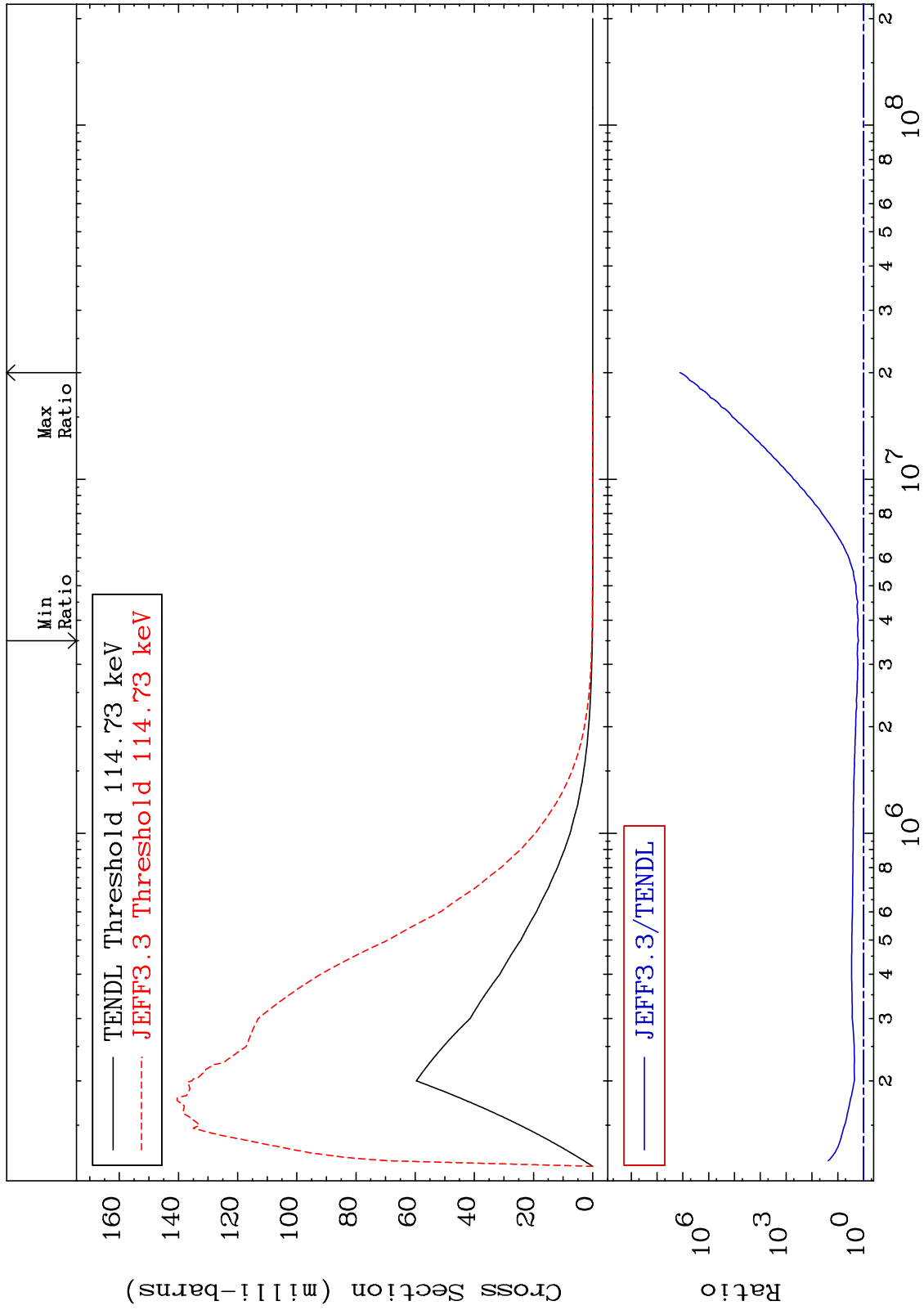
63-Eu-152  
-36.51 To 9999. %



MAT 6328

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

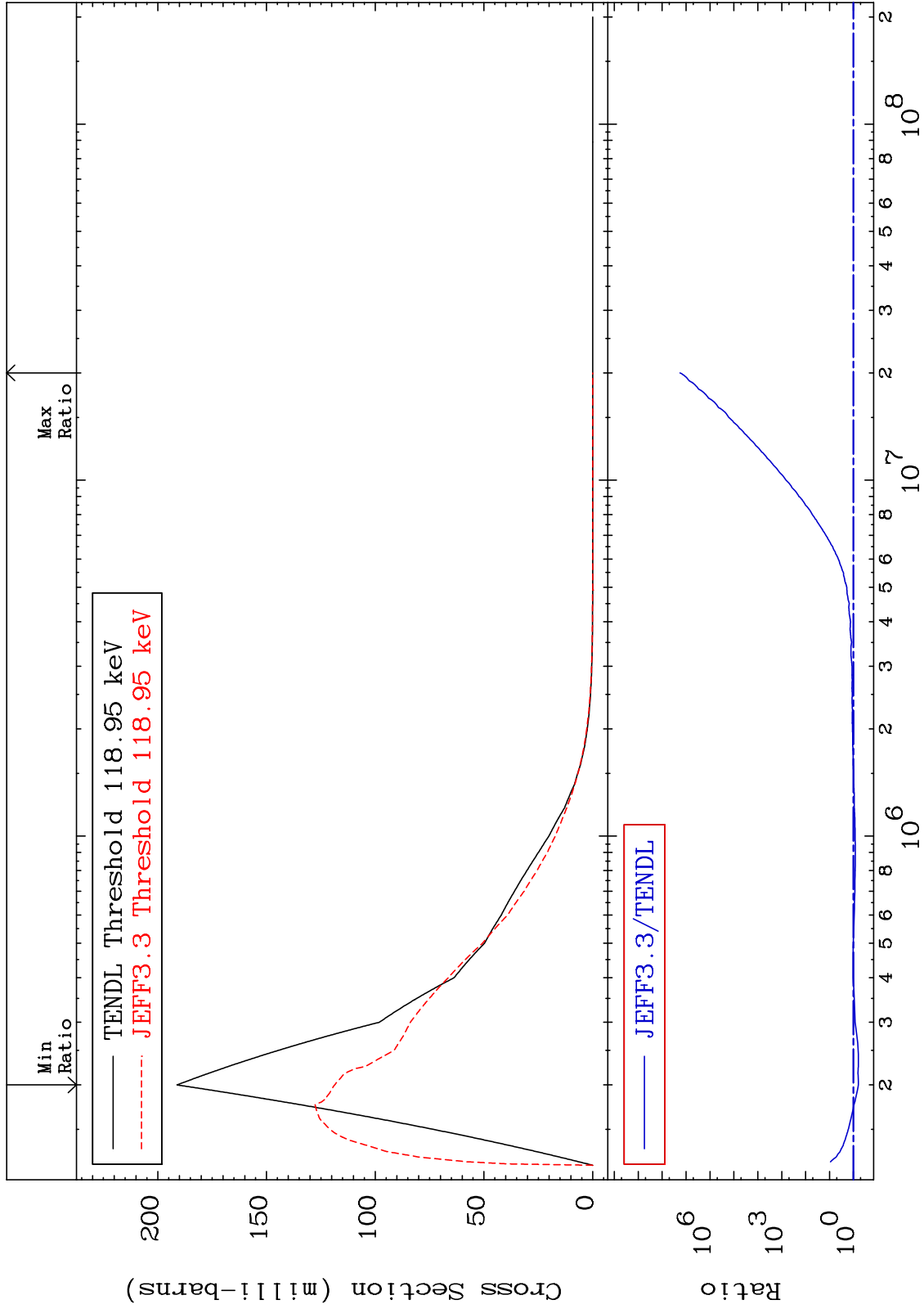
63-Eu-152  
58.69 To 9999. %



MAT 6328

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

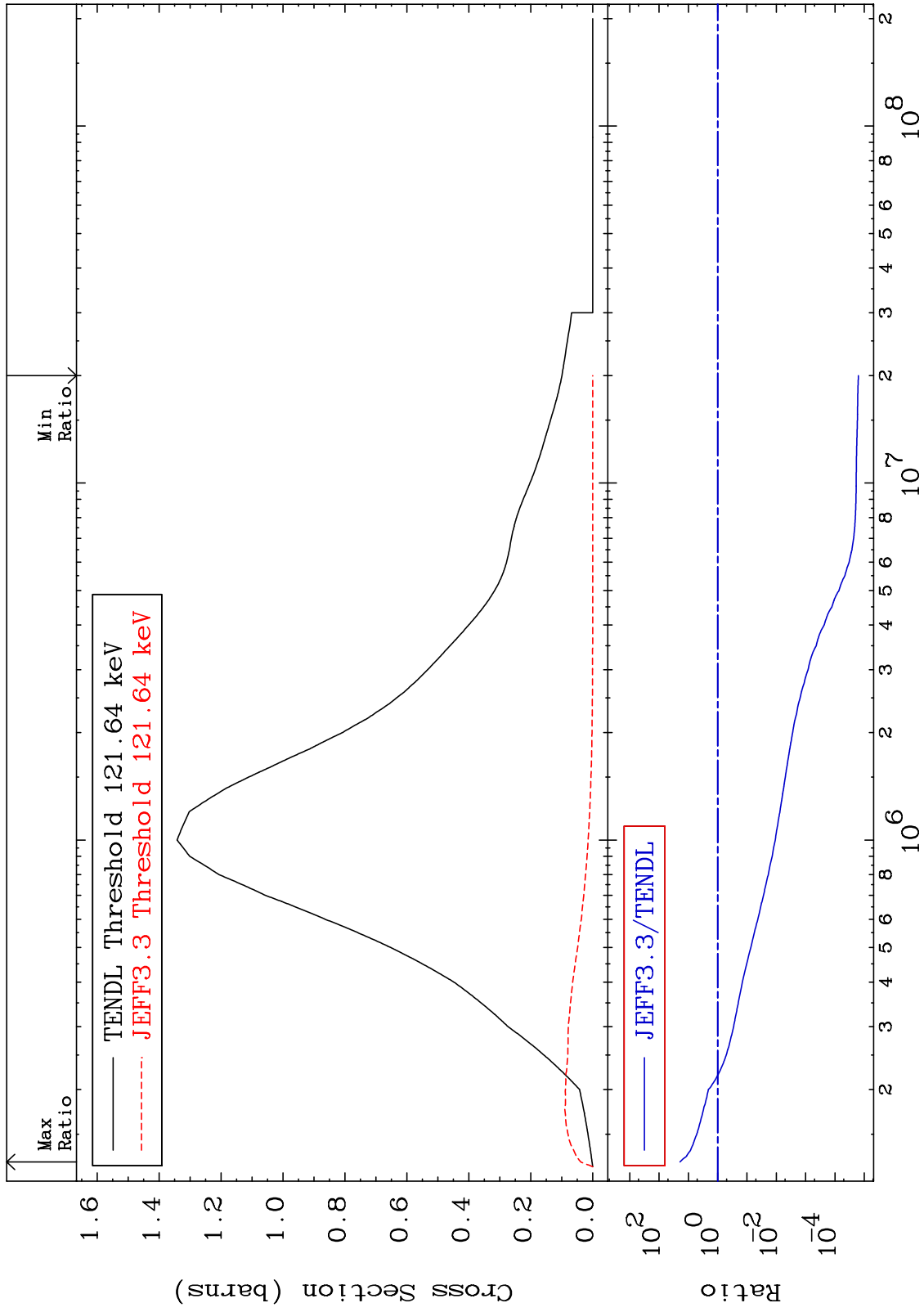
63-Eu-152  
-37.95 To 9999. %



MAT 6328

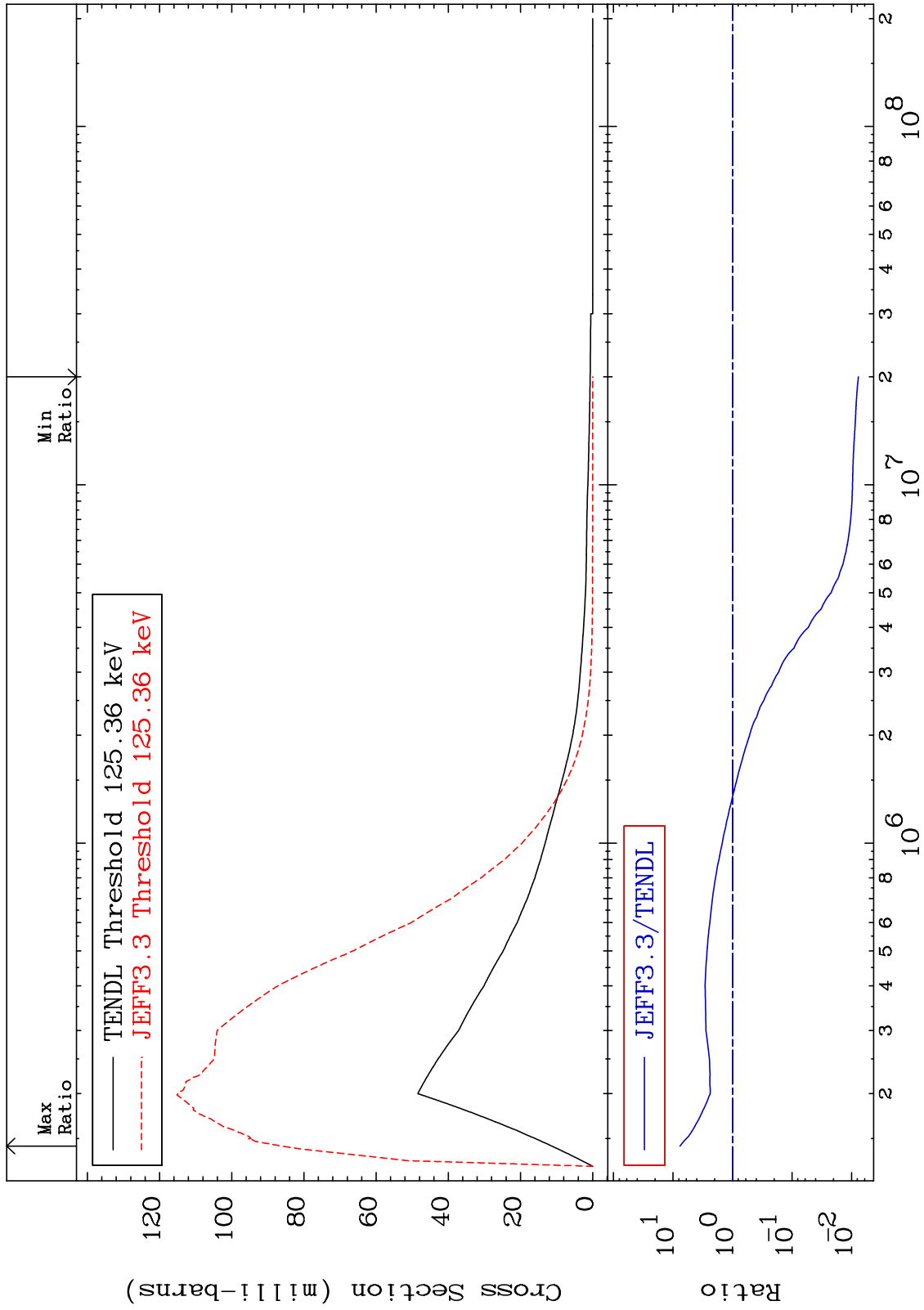
MT= 62 (n,n') Level  
Cross Section

63-Eu-152  
-100.0 To 1831. %





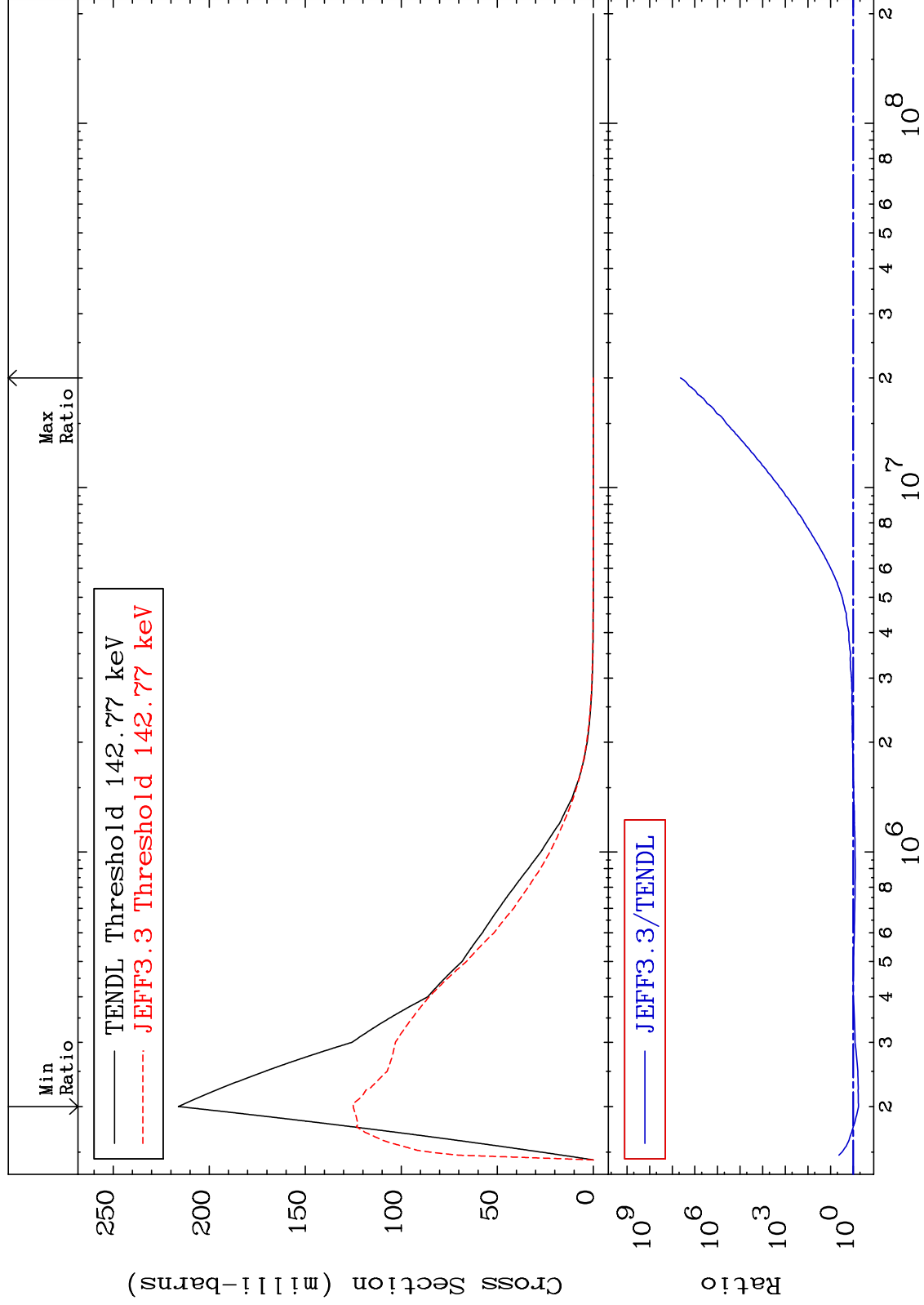
MAT 6328 MT= 63 (n,n') Level Cross Section 63-Eu-152 -99.23 To 662.3 %



MAT 6328

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

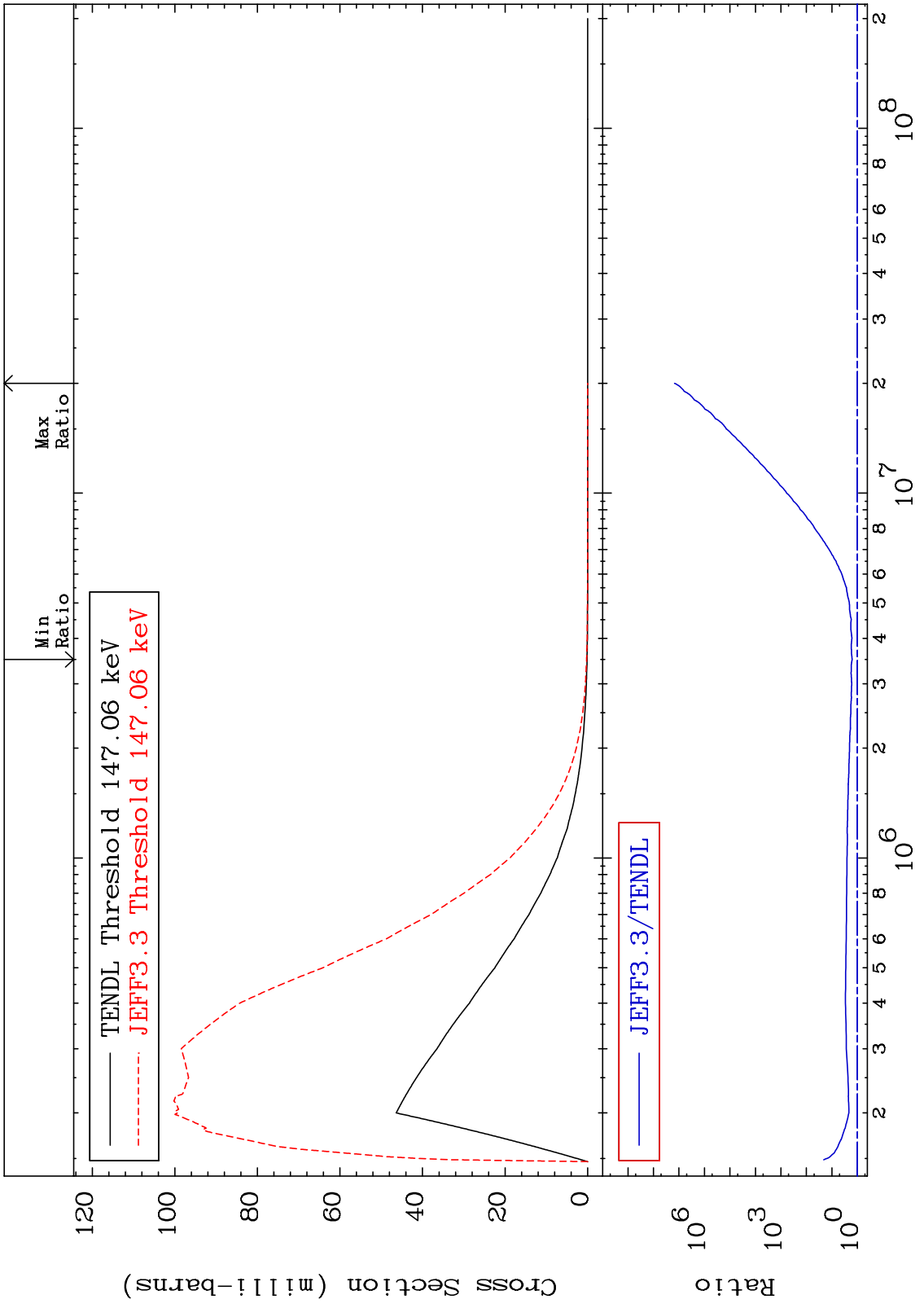
63-Eu-152  
-42.18 To 9999. %



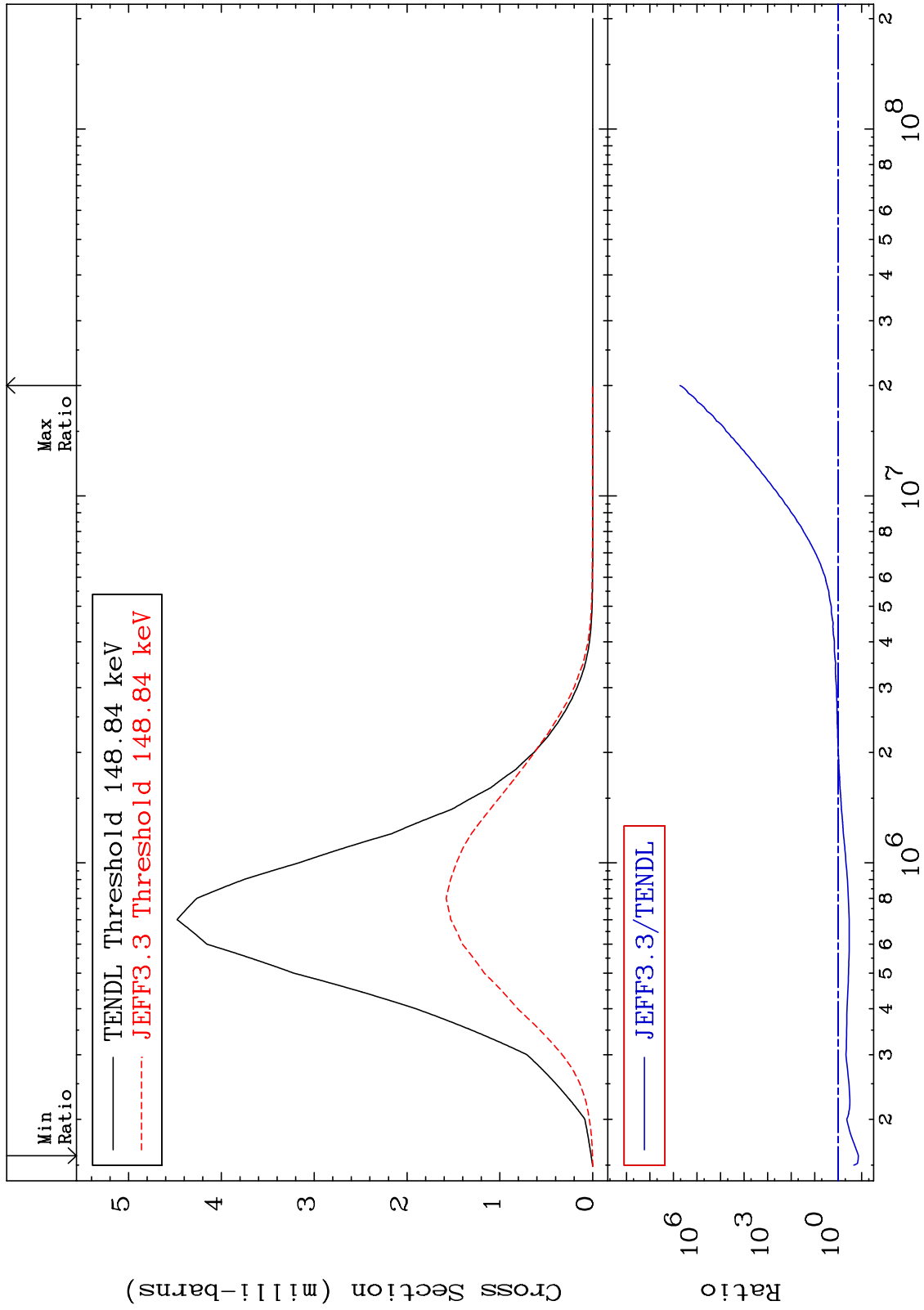
MAT 6328

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

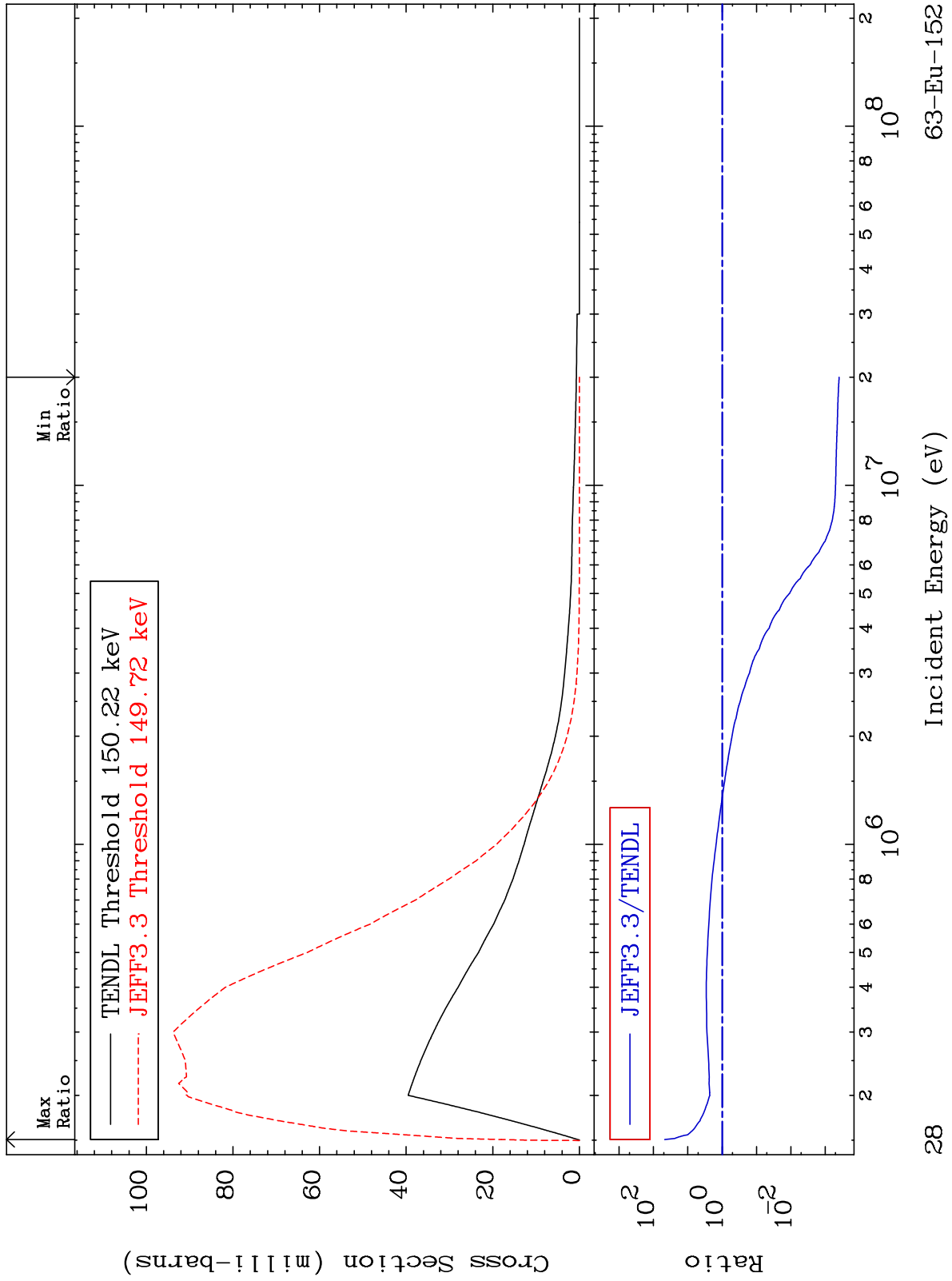
63-Eu-152  
59.76 To 9999. %



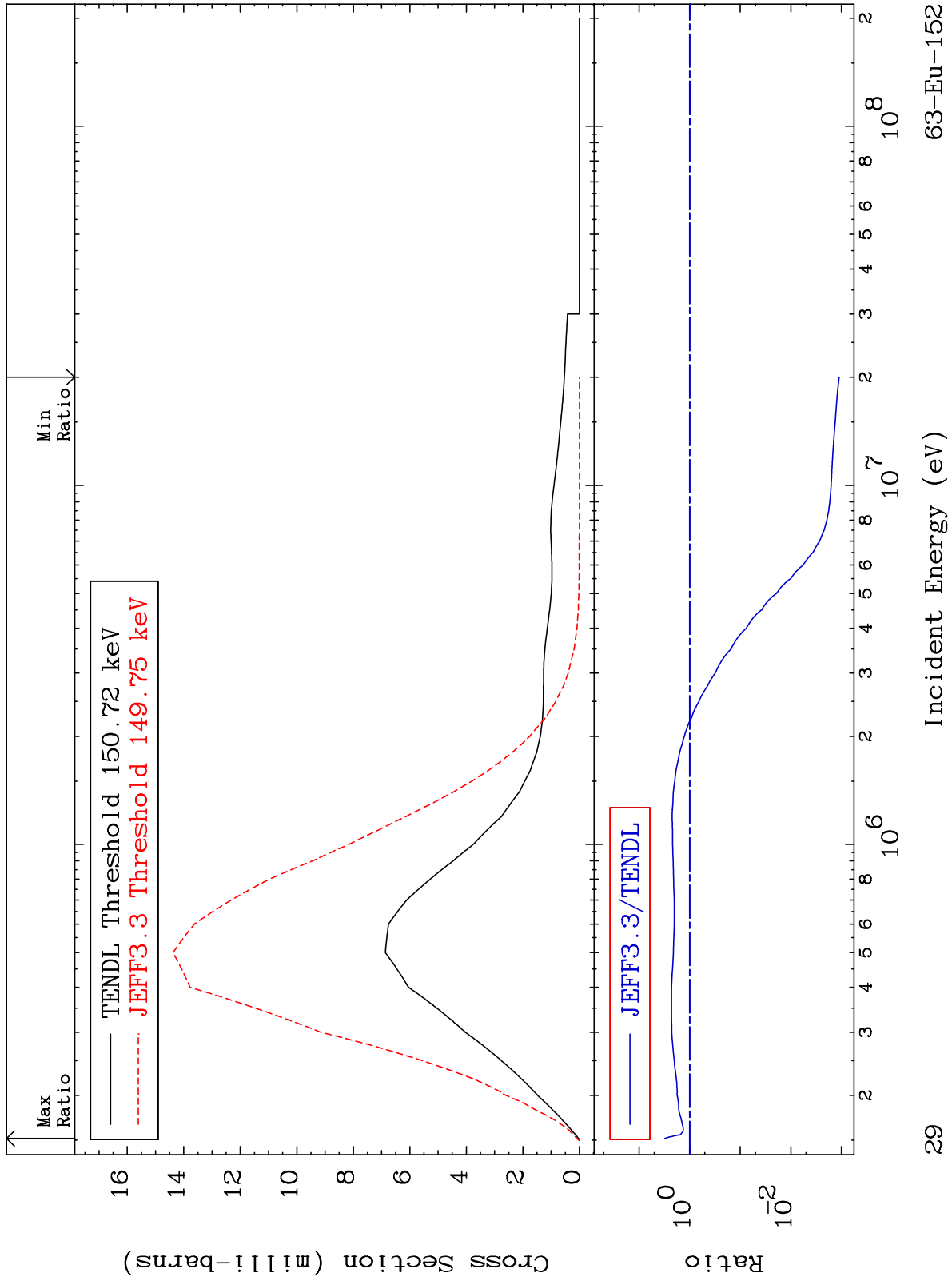
MAT 6328      MT= 66 (n,n') Level Cross Section      63-Eu-152  
 -86.20 To 9999. %



MAT 6328      MT= 67 (n,n') Level      63-Eu-152  
 Cross Section      -99.96 To 4592. %



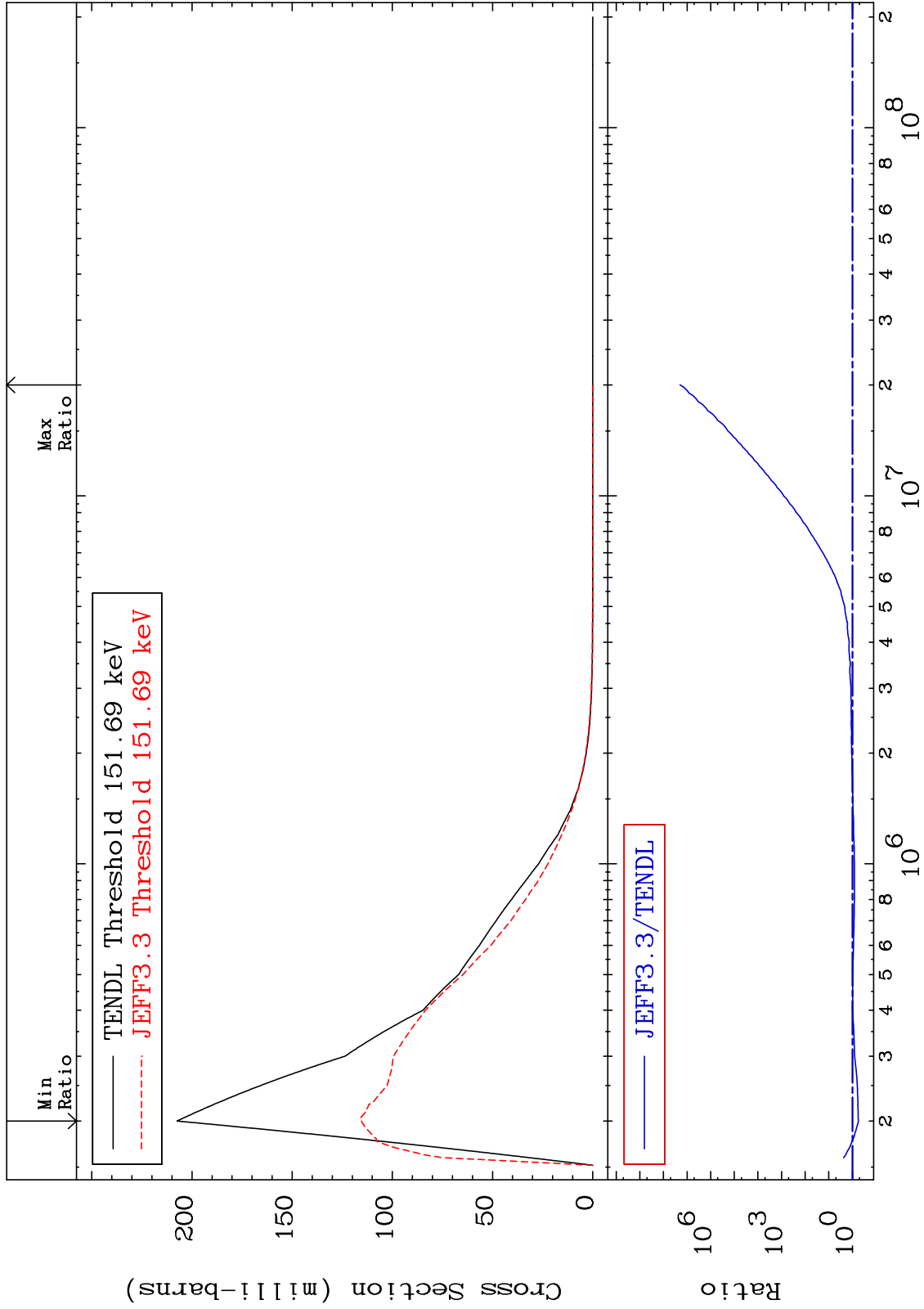
MAT 6328 MT= 68 (n,n') Level Cross Section 63-Eu-152 -99.89 To 210.0 %



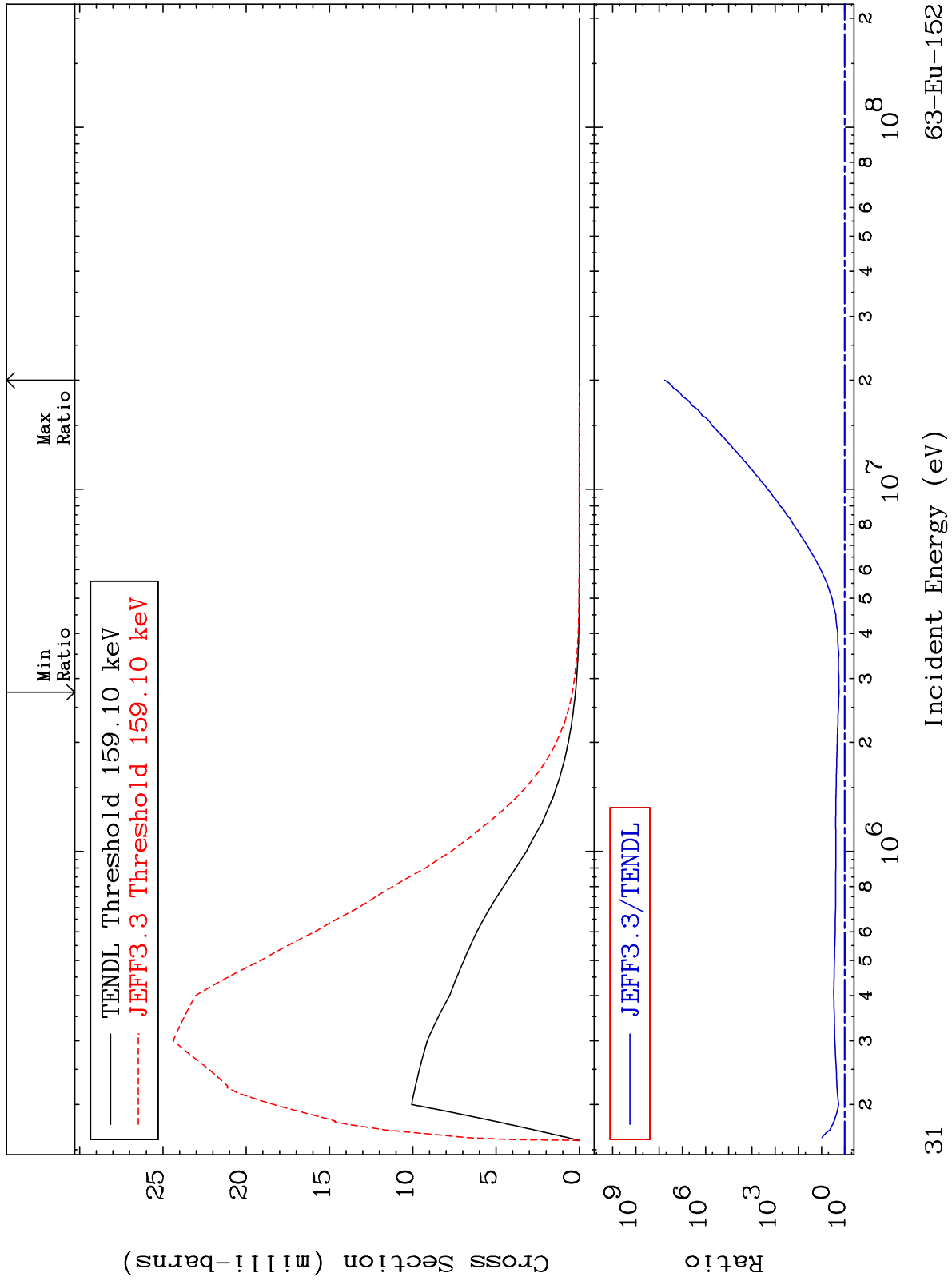
MAT 6328

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

63-Eu-152  
-44.36 To 9999. %



MAT 6328 MT= 70 (n,n') Level Cross Section 63-Eu-152 73.94 To 9999. %





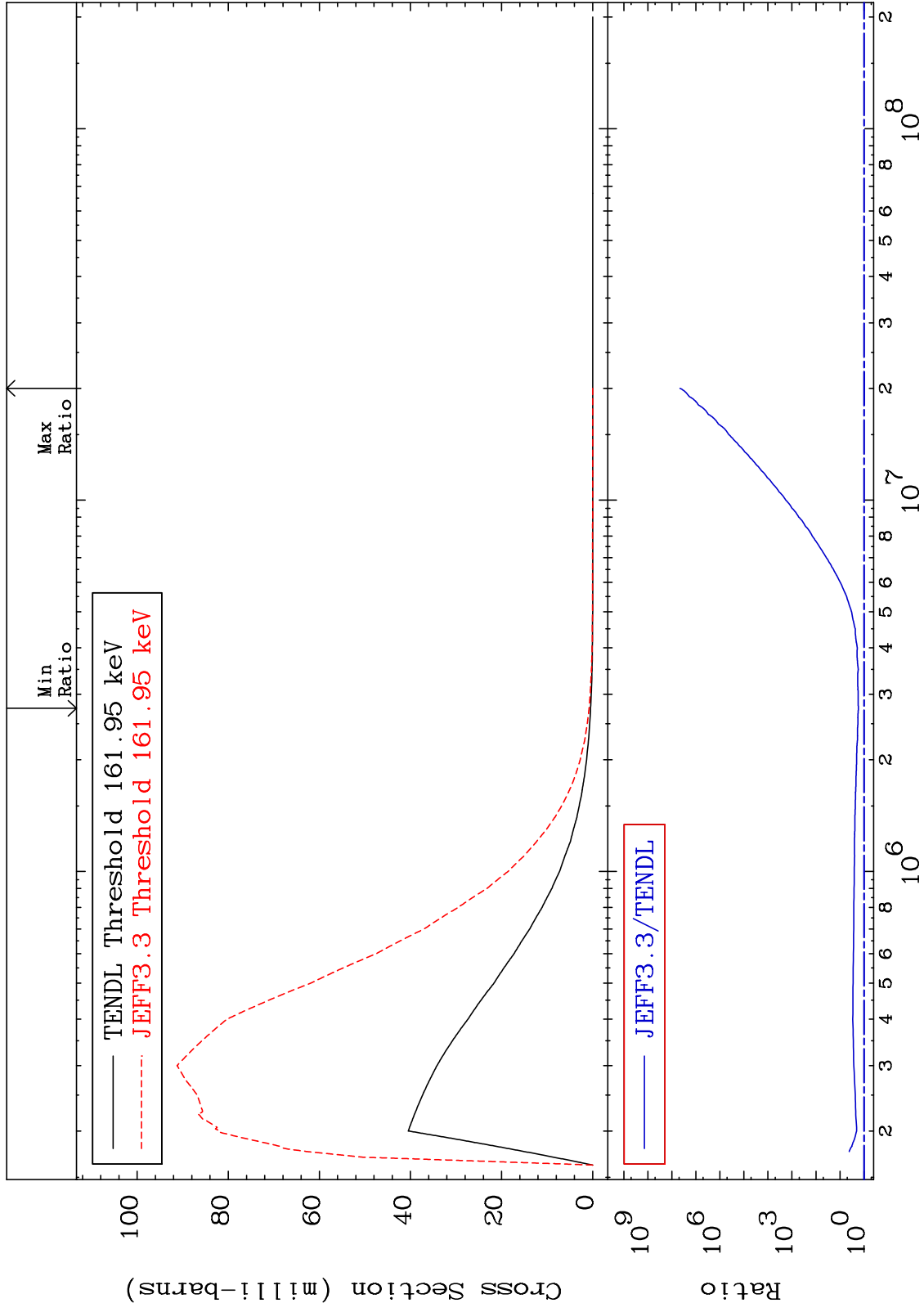
MAT 6328

MT= 71 (n,n') Level

63-Eu-152

71.09 To 9999. %

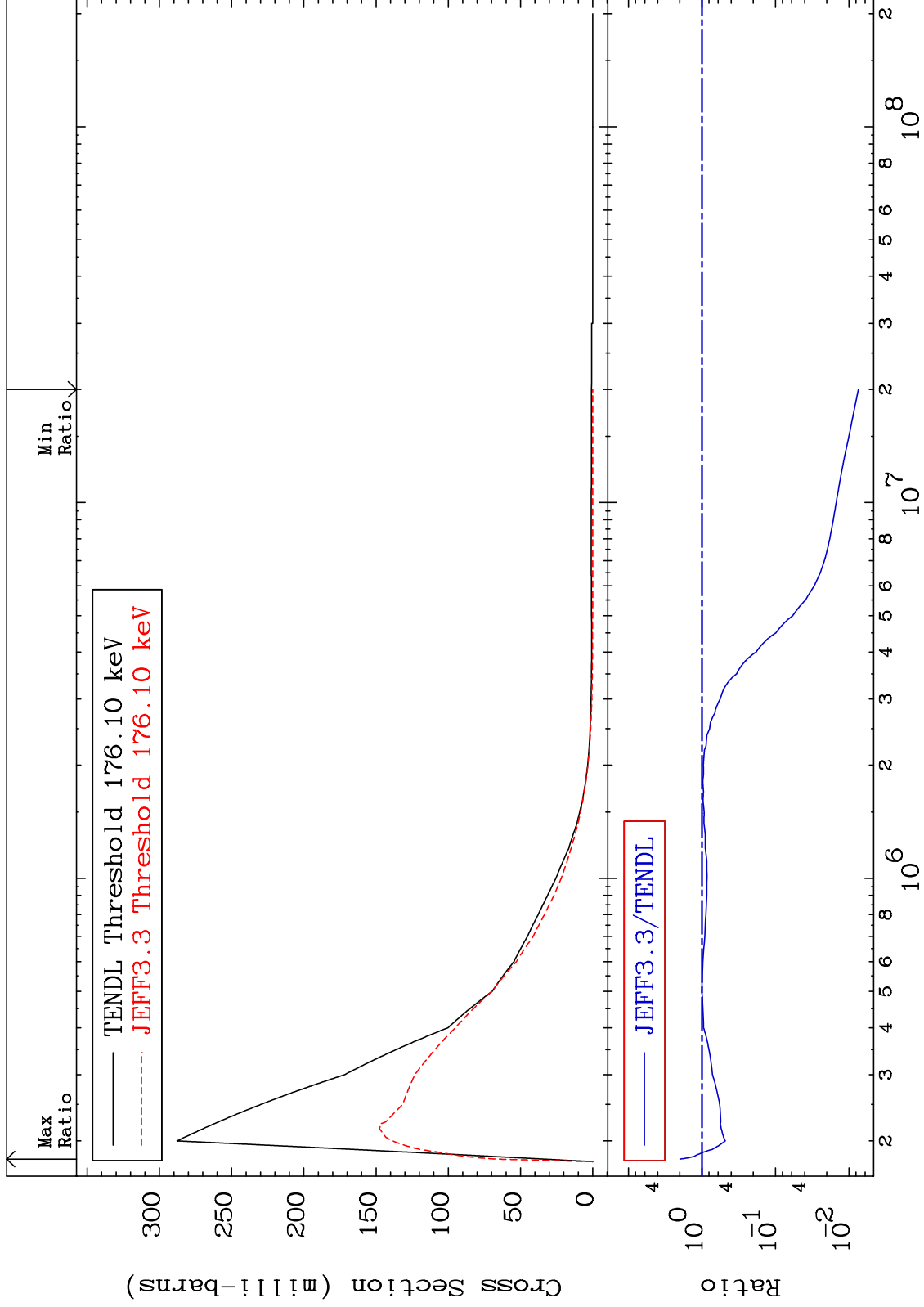
Cross Section



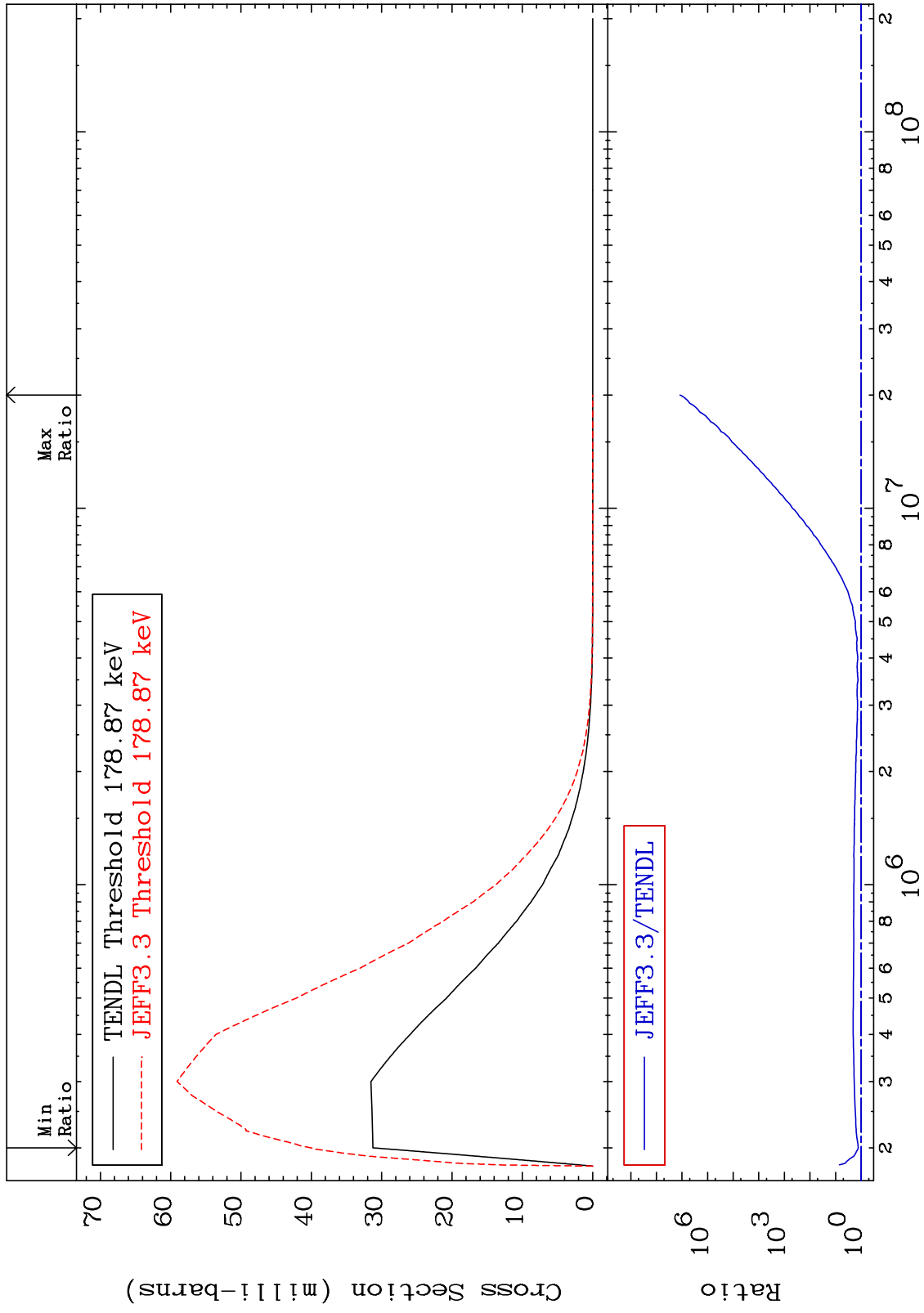
MAT 6328

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

63-Eu-152  
-99.26 To 98.65 %



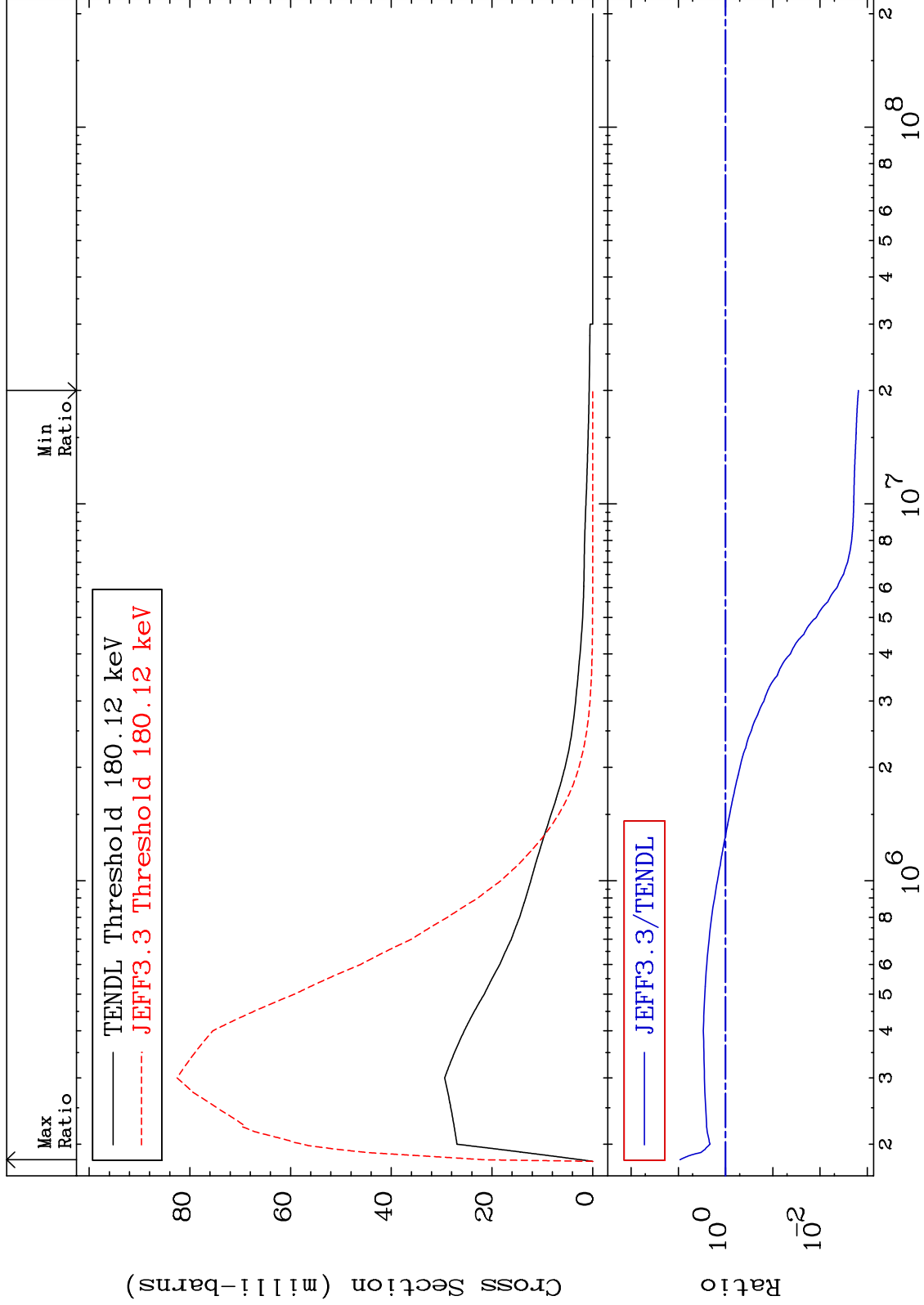
MAT 6328 MT= 73 (n,n') Level Cross Section 63-Eu-152 28.19 To 9999. %



MAT 6328

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

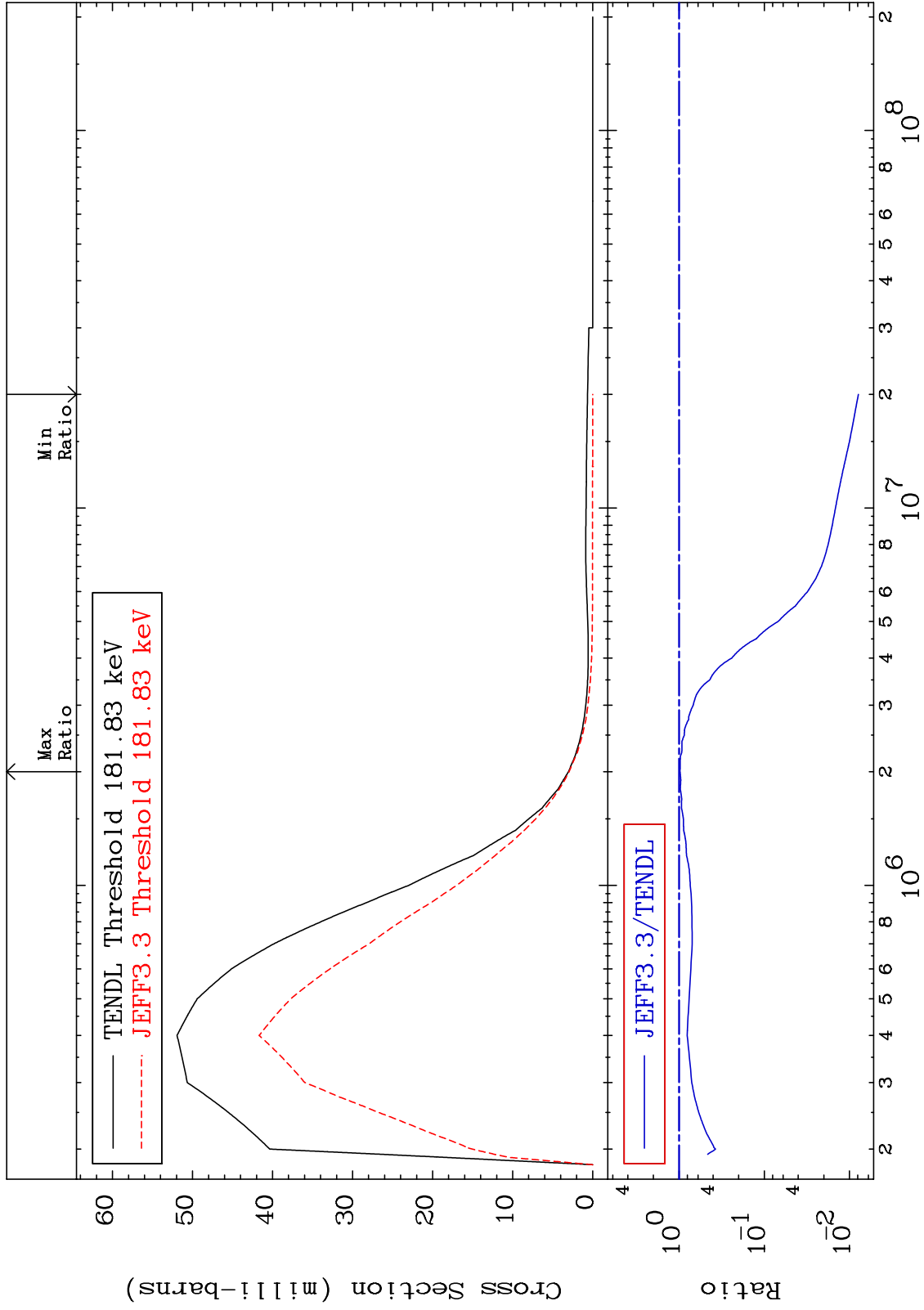
63-Eu-152  
-99.85 To 821.9 %



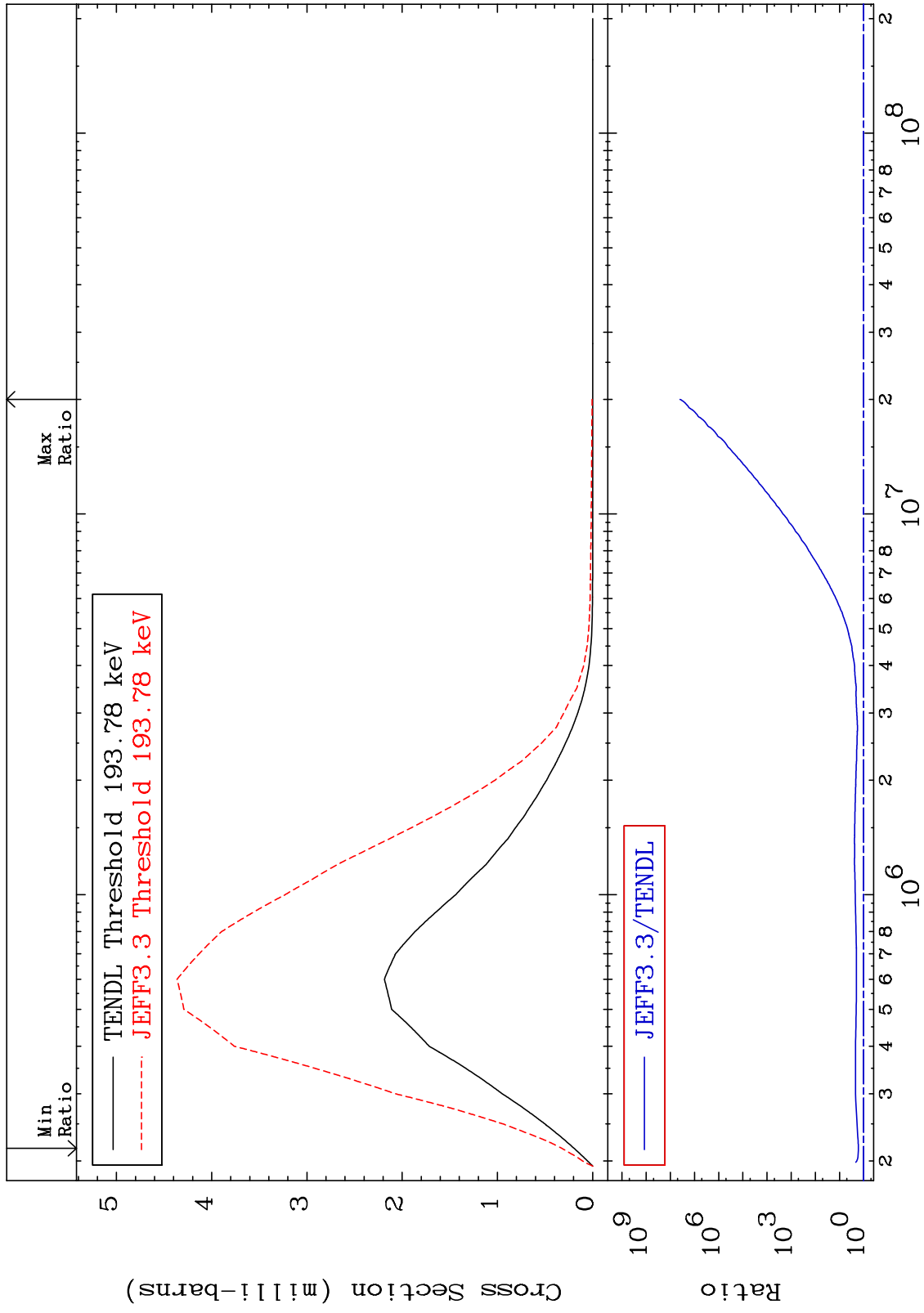
MAT 6328

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

63-Eu-152  
-99.21 To -2.465%



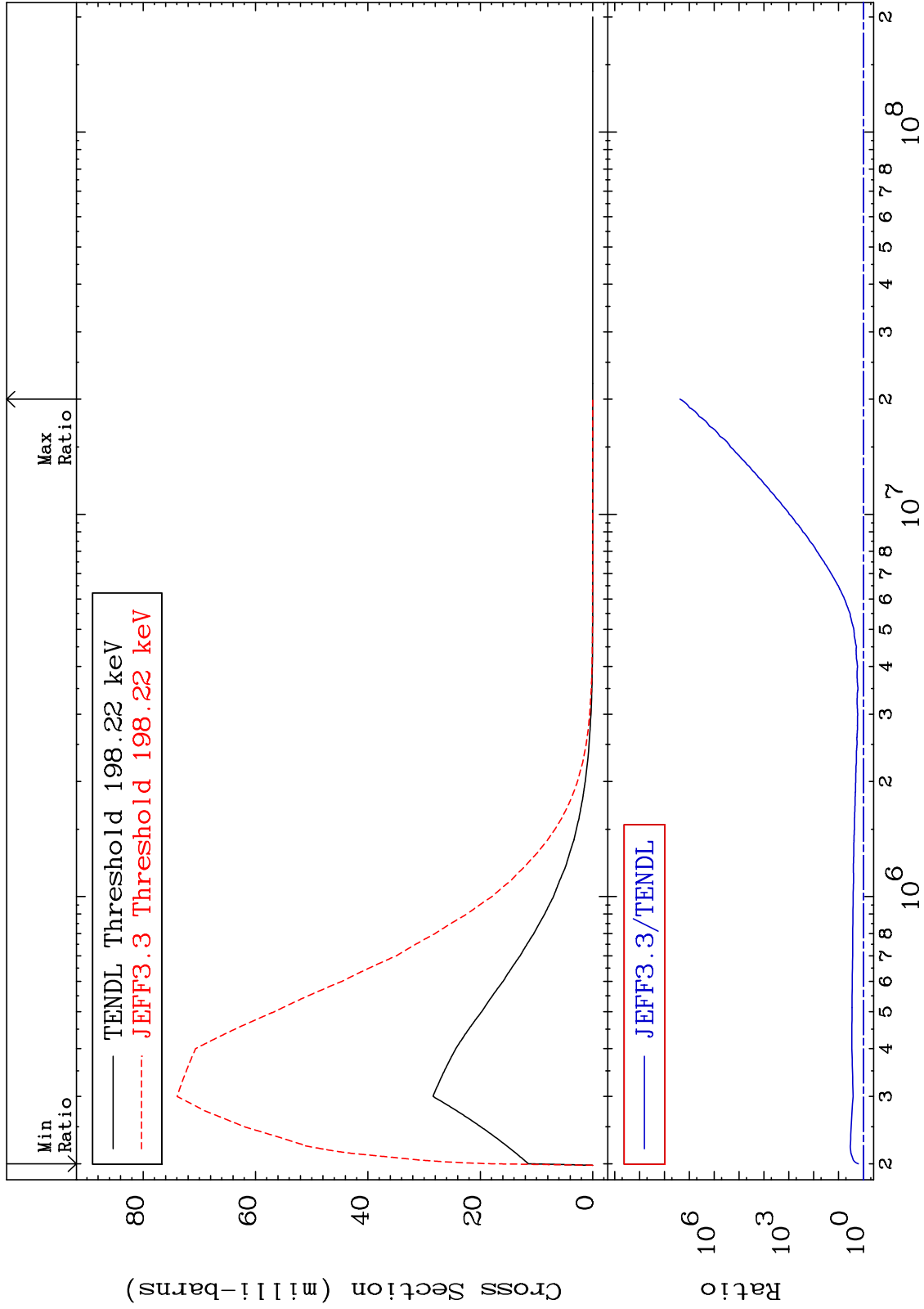
MAT 6328      MT= 76 (n,n') Level      63-Eu-152  
 Cross Section      65.38 To 9999. %



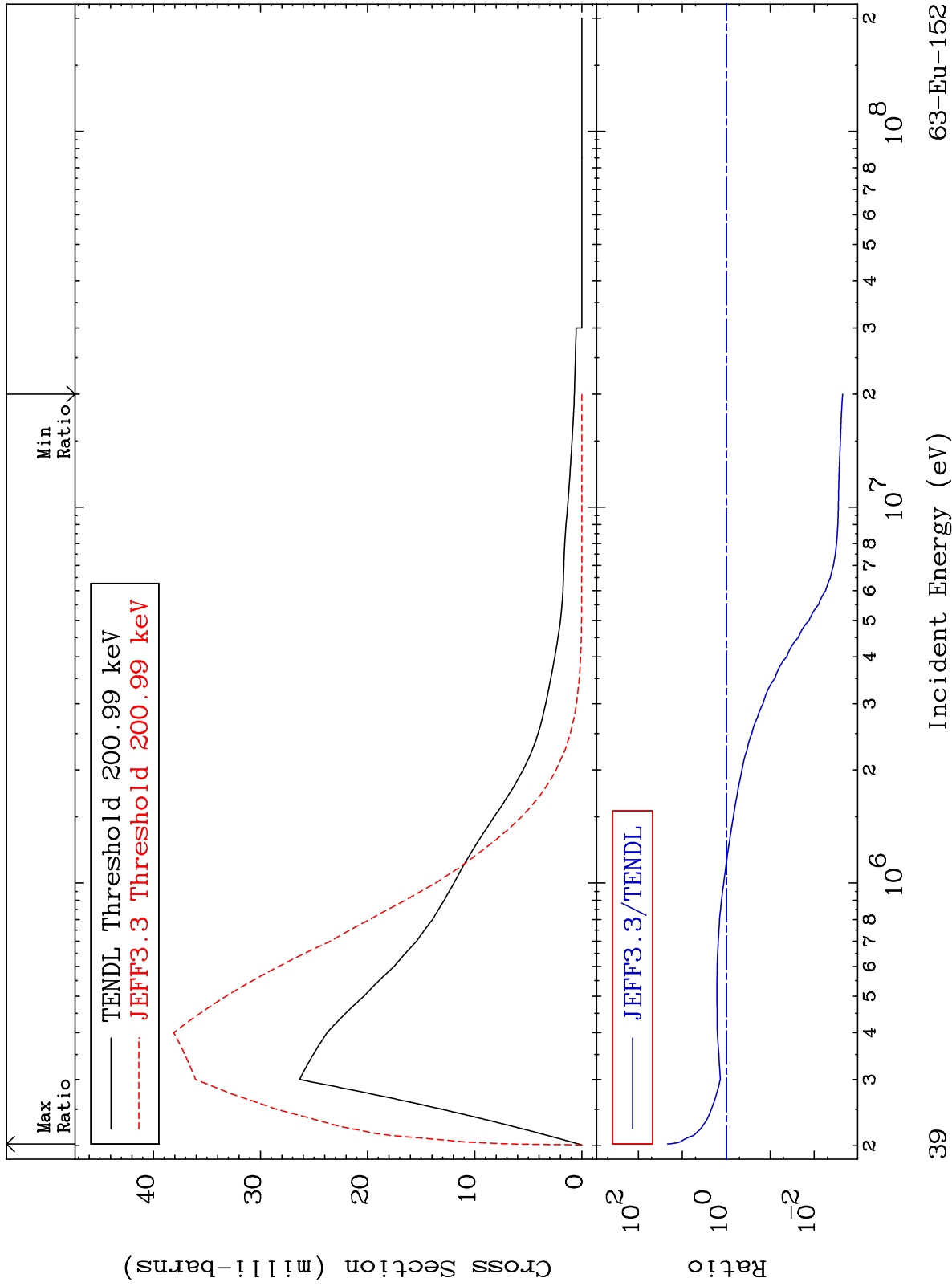
MAT 6328

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

57.96 To 9999. %  
63-Eu-152



MAT 6328 MT= 78 (n,n') Level Cross Section 63-Eu-152 -99.78 To 2071. %

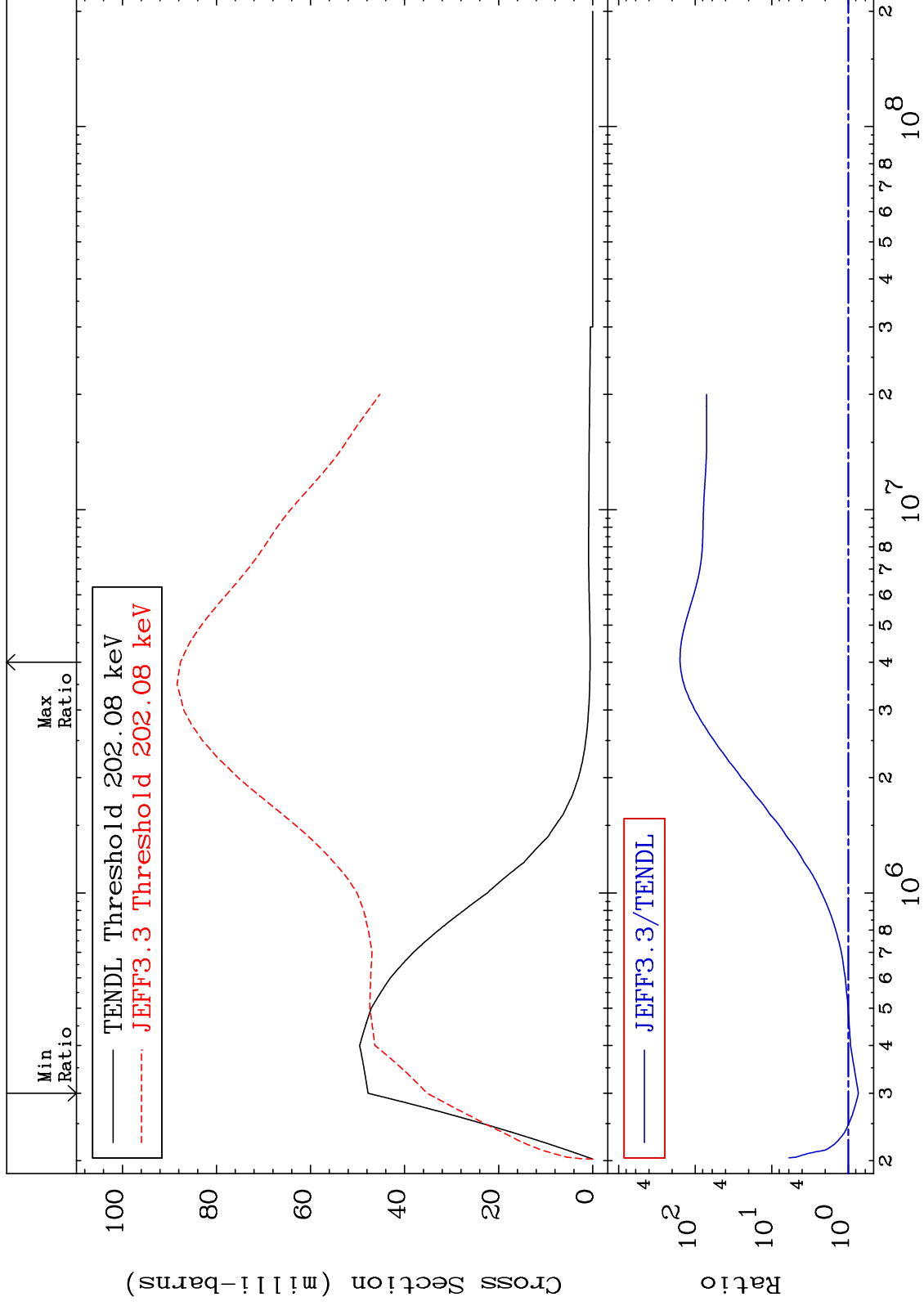




MAT 6328

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

63-Eu-152  
-26.28 To 9999. %

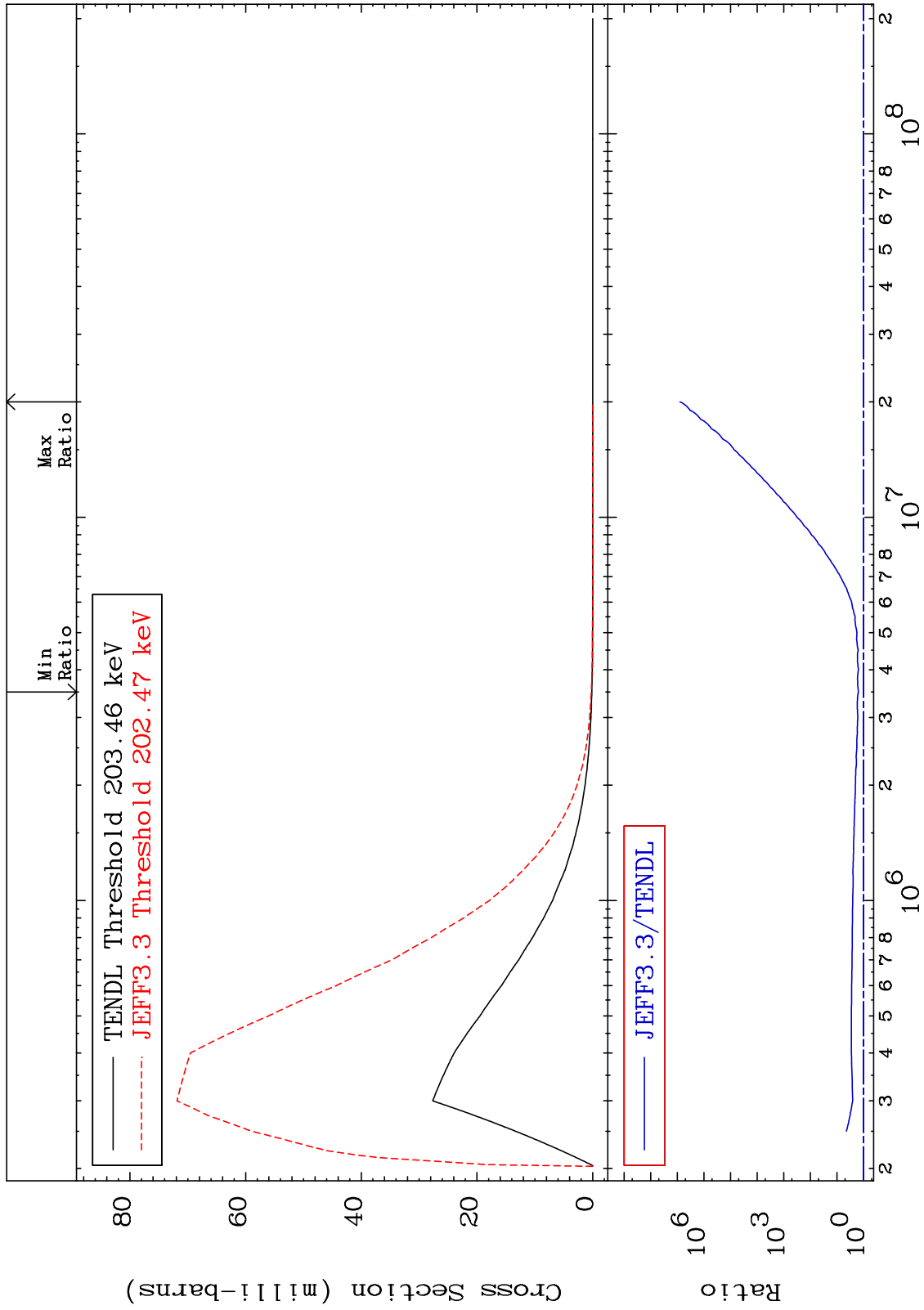


40

Incident Energy (eV)

63-Eu-152

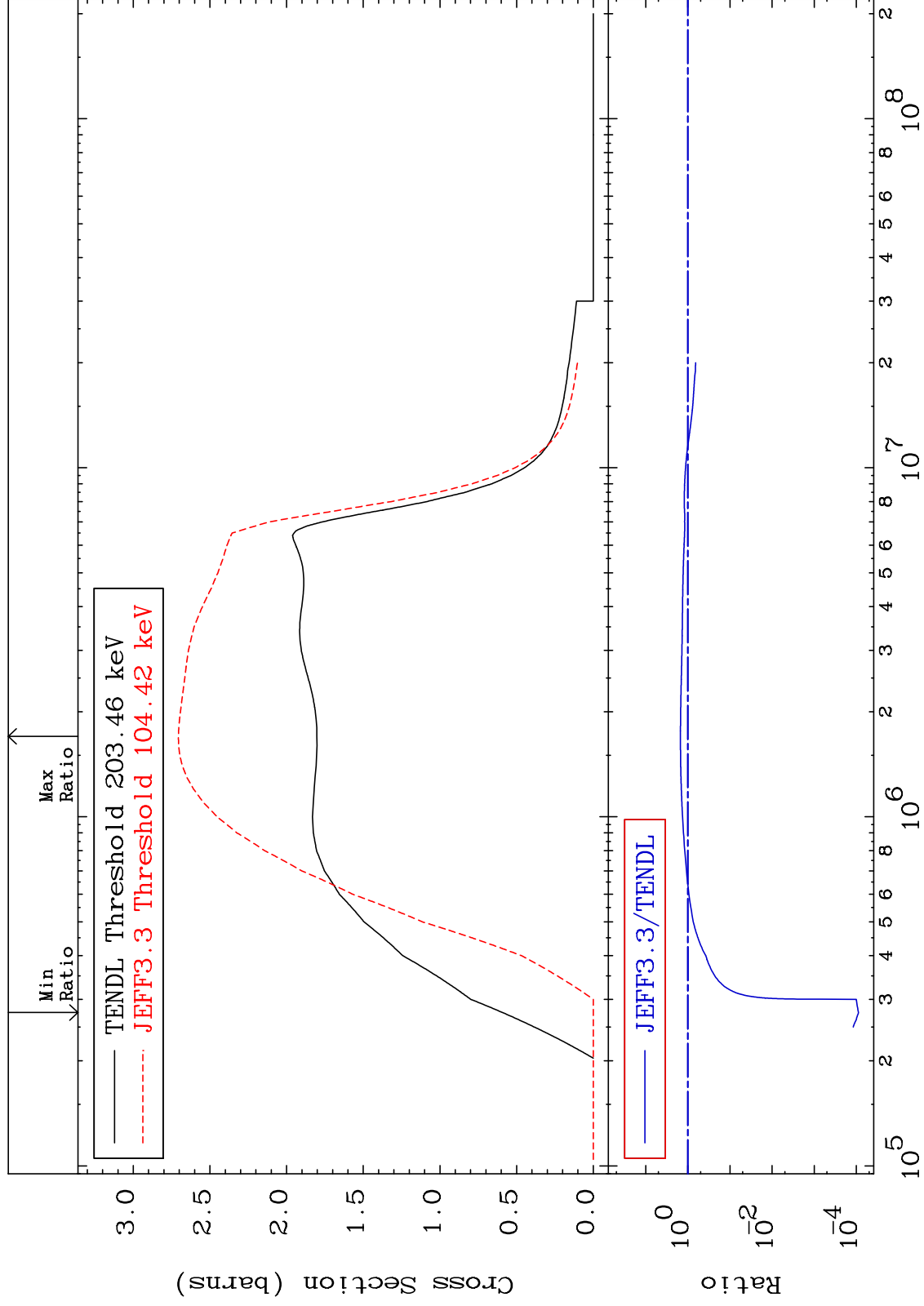
MAT 6328 MT= 80 (n,n') Level Cross Section 63-Eu-152 57.25 To 9999. %



MAT 6328

(n, n') Continuum  
Cross Section

63-Eu-152  
-99.99 To 50.13 %



Incident Energy (eV)

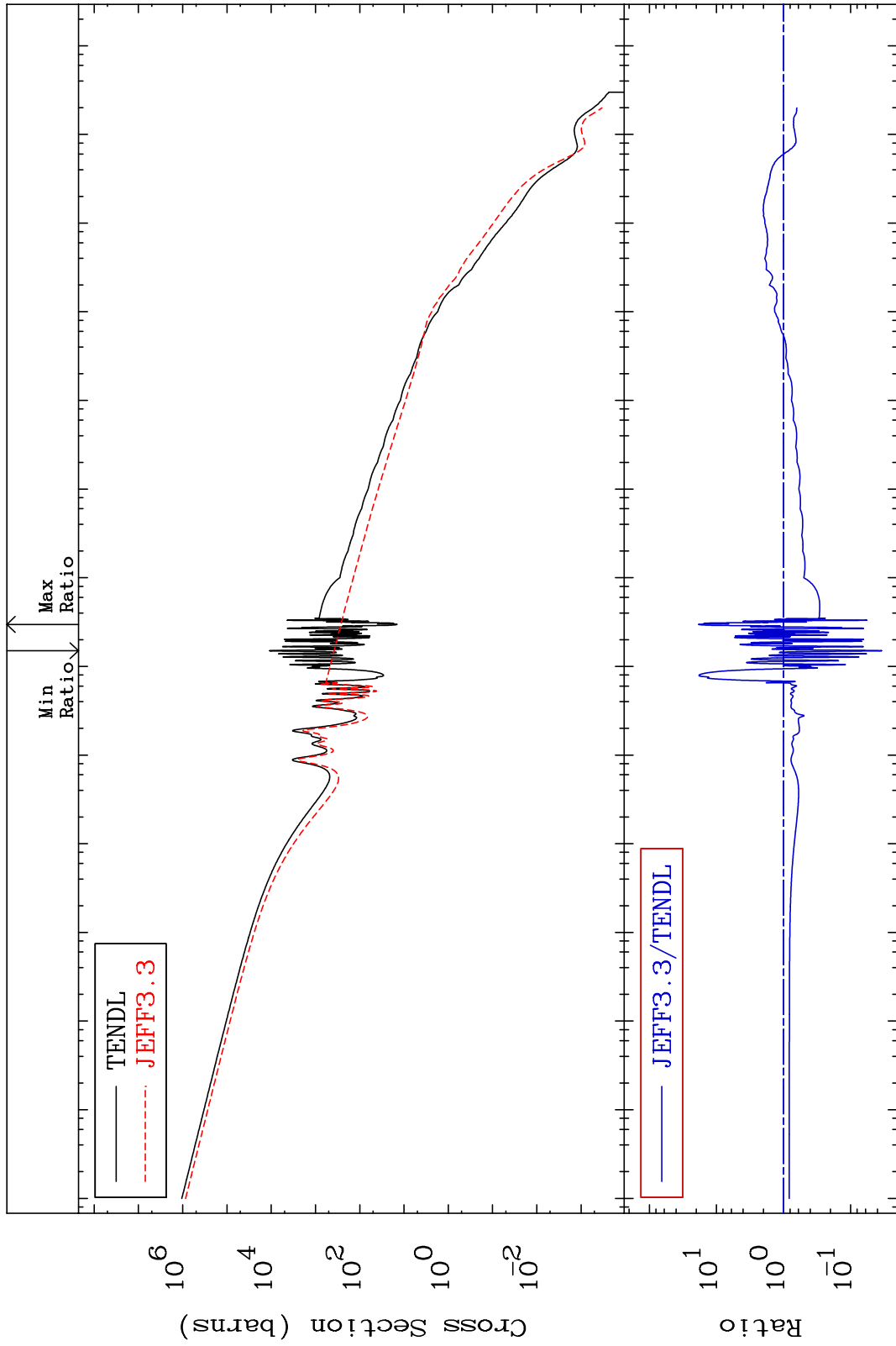
63-Eu-152

42

MAT 6328

(n,  $\gamma$ )  
Cross Section

63-Eu-152  
-96.53 To 1761. %



43

Incident Energy (eV)

63-Eu-152

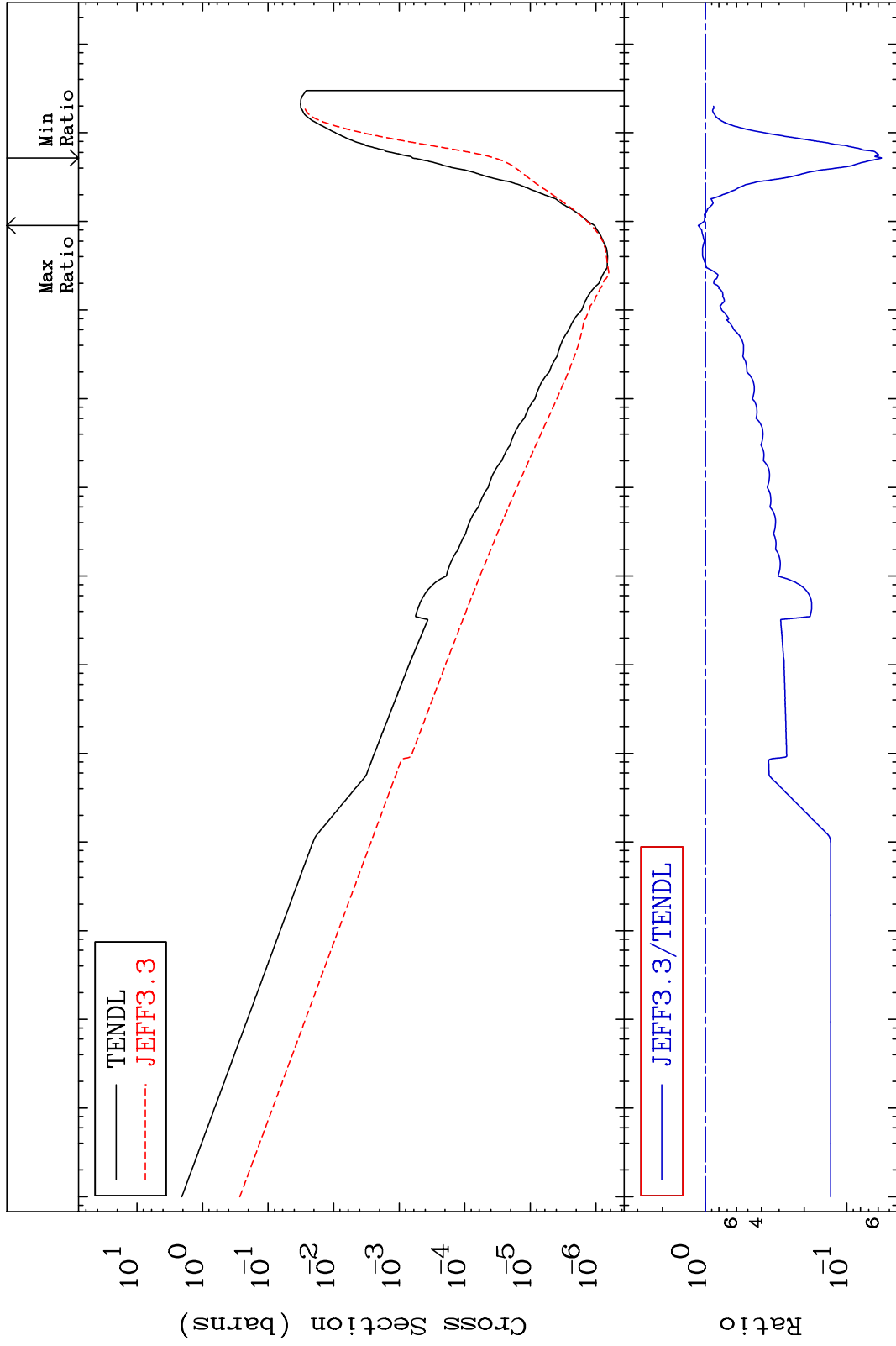
MAT 6328

(n,p)

63-Eu-152

Cross Section

-94.32 To 11.72 %



Ratio

Incident Energy (eV)

44

63-Eu-152

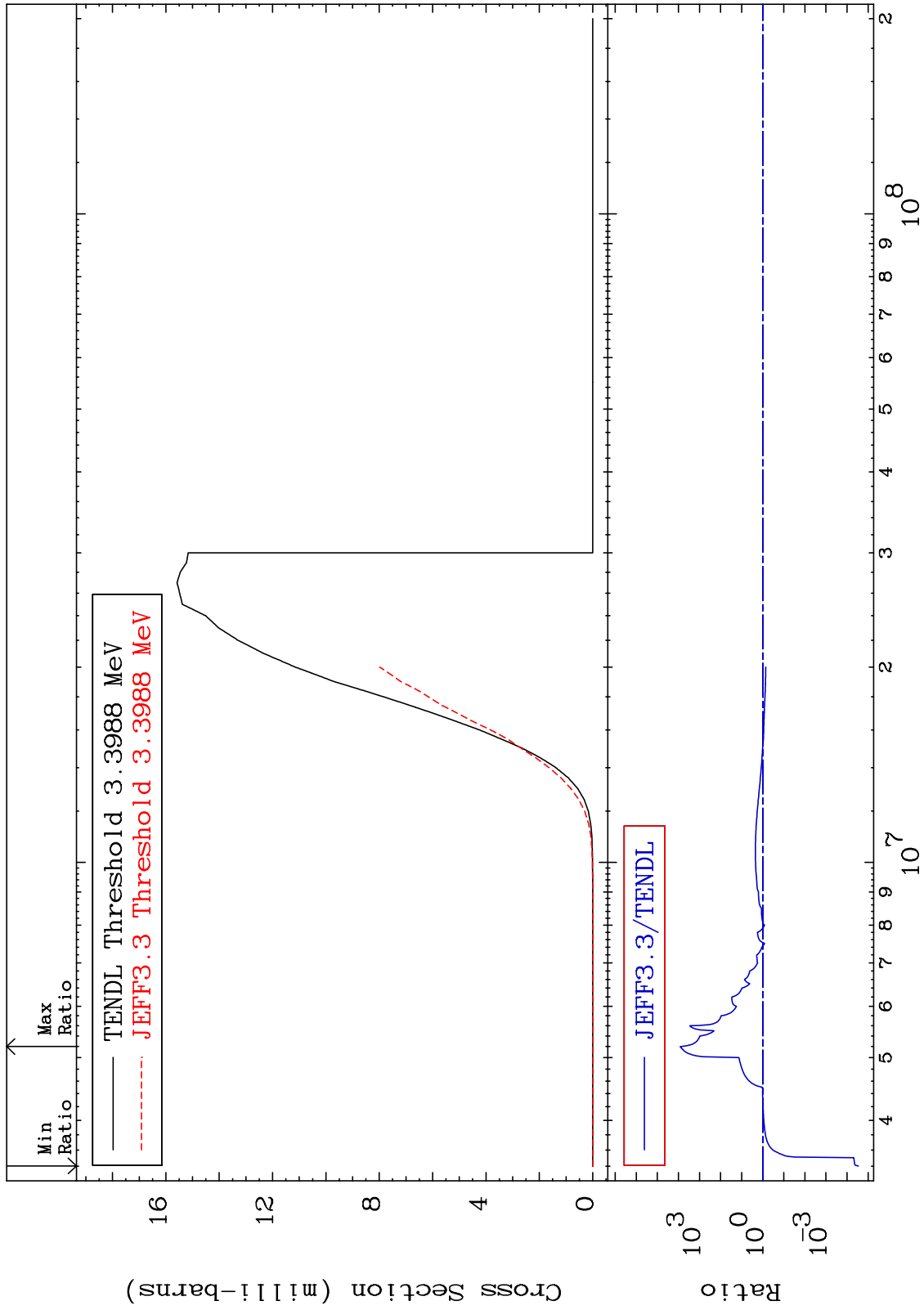
MAT 6328

(n, d)

63-Eu-152

Cross Section

-100.0 To 9999. %



45

Incident Energy (eV)

63-Eu-152

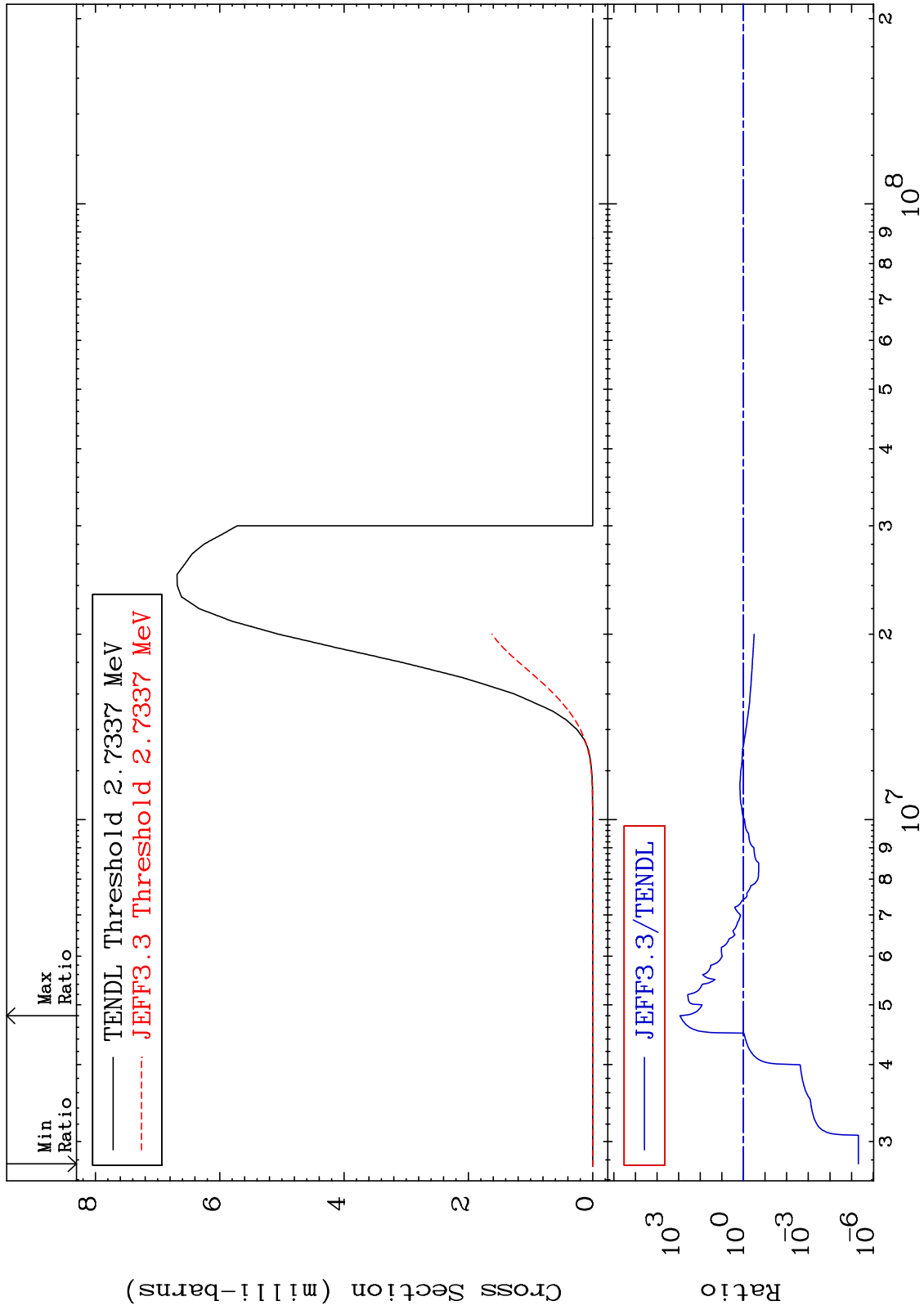
MAT 6328

(n, t)

63-Eu-152

Cross Section

-100.0 To 9999. %



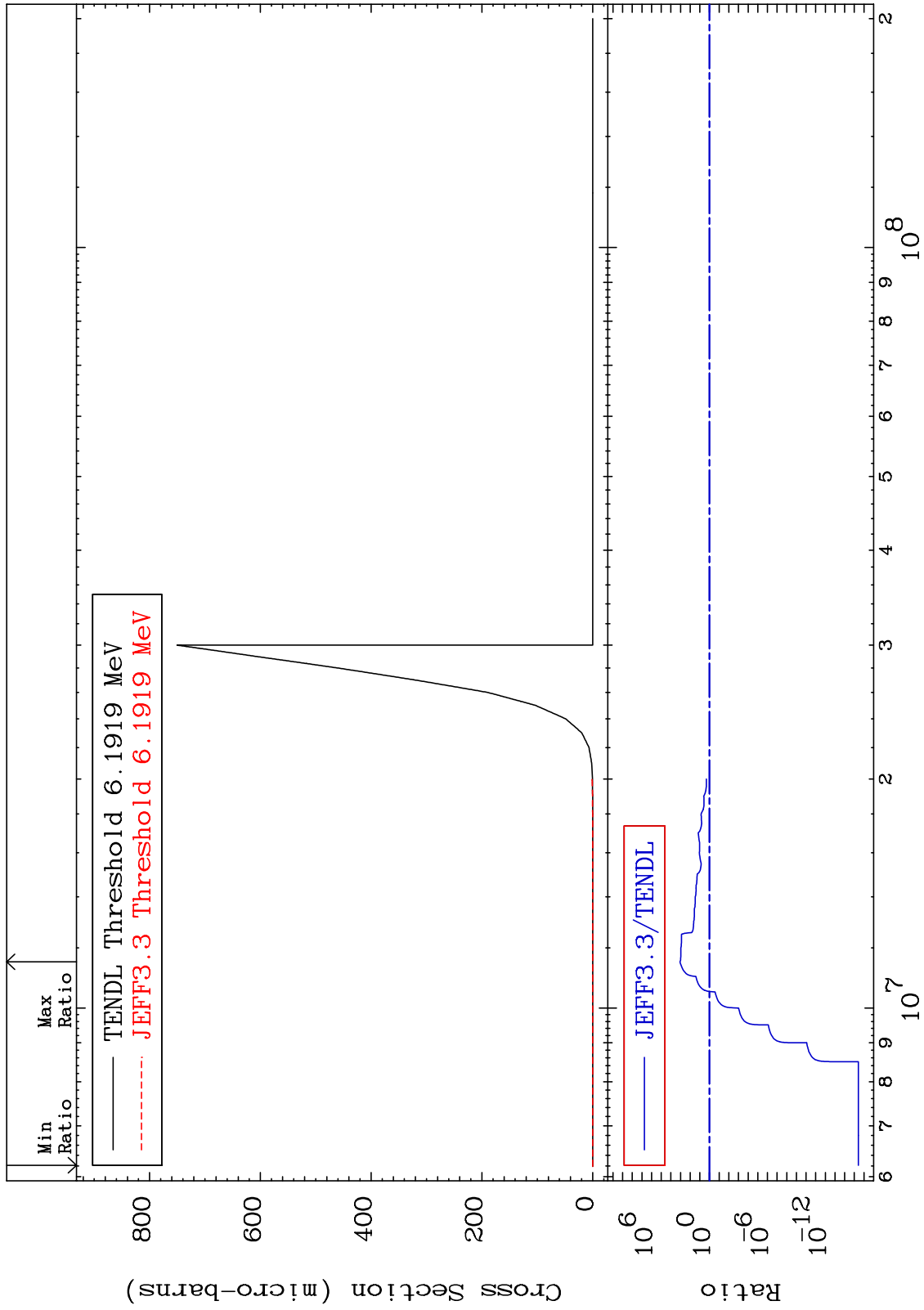
MAT 6328

(n, He-3)

63-Eu-152

Cross Section

-100.0 To 9999. %

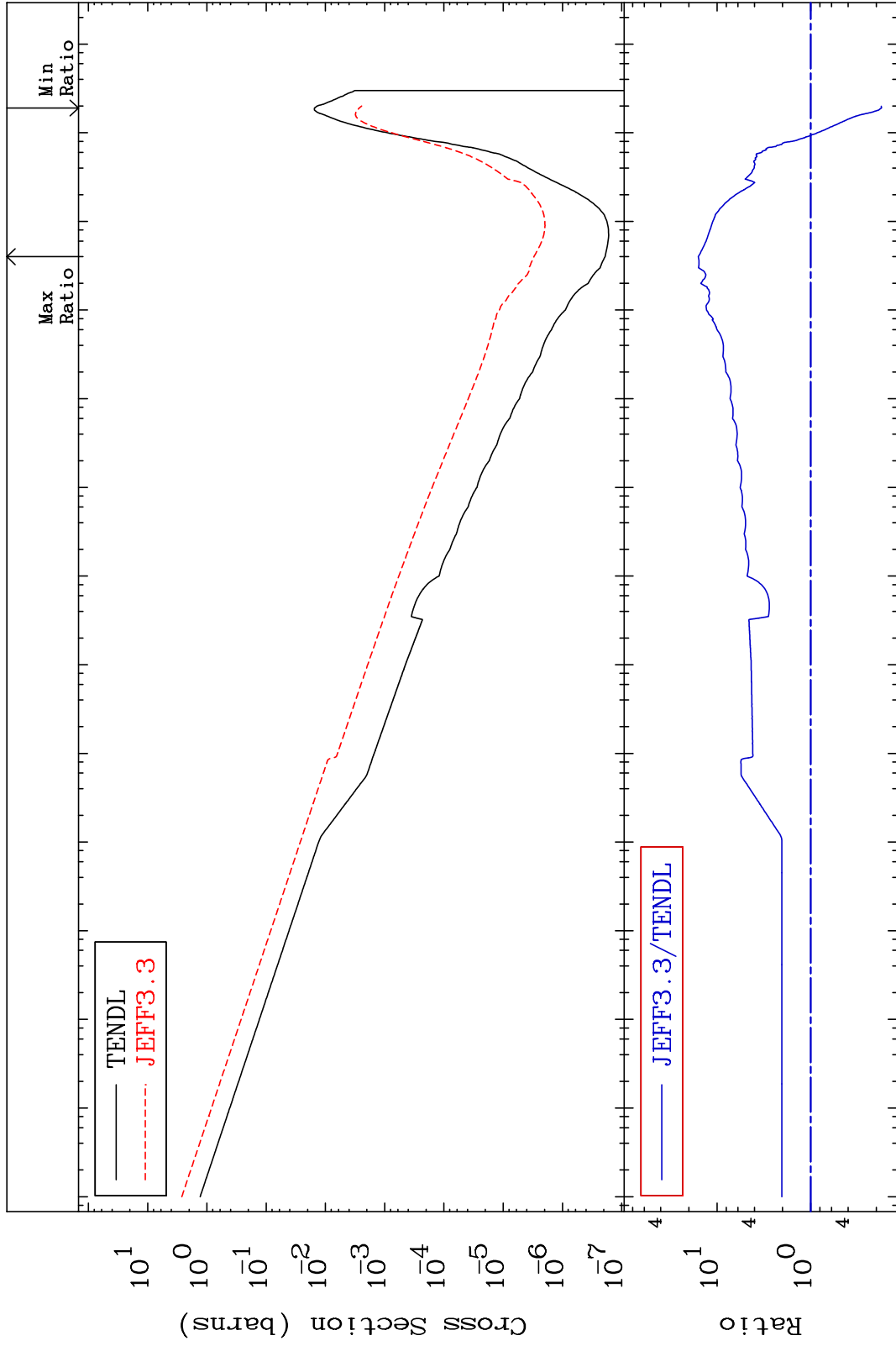




MAT 6328

(n,  $\alpha$ )  
Cross Section

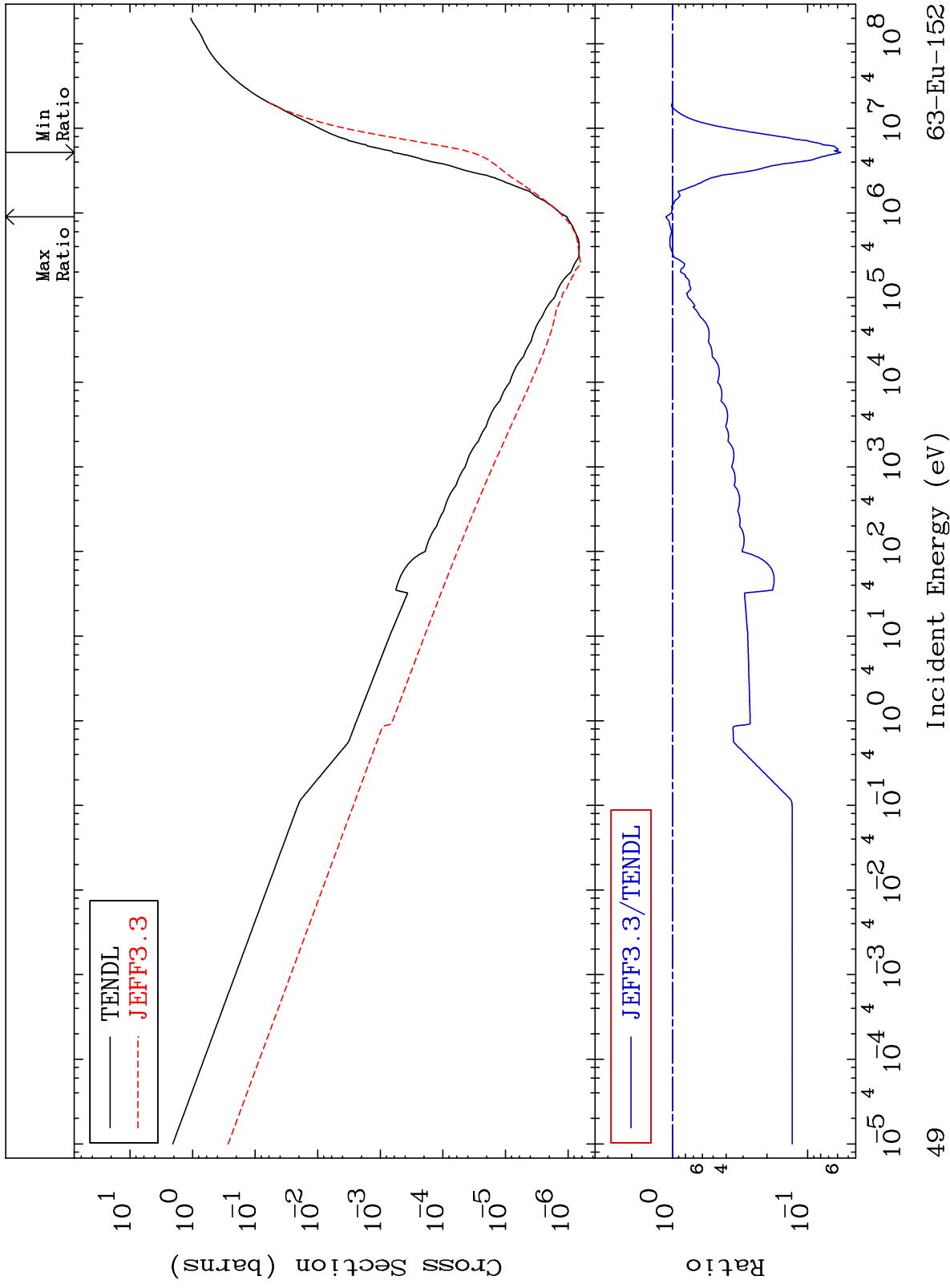
63-Eu-152  
-82.44 To 1487. %



MAT 6328

Hydrogen Production  
Cross Section

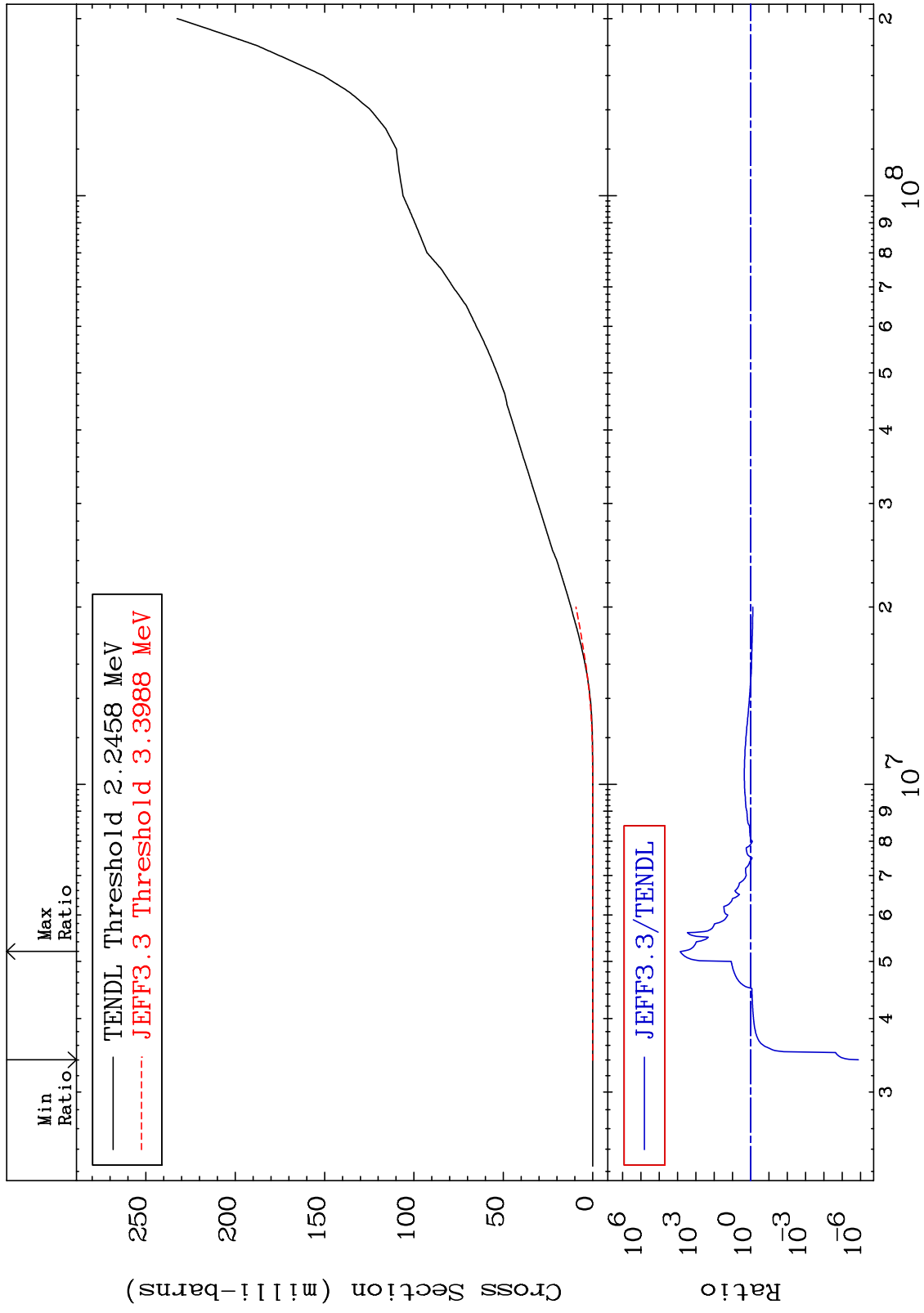
63-Eu-152  
-94.32 To 11.72 %



MAT 6328

Deuterium Production  
Cross Section

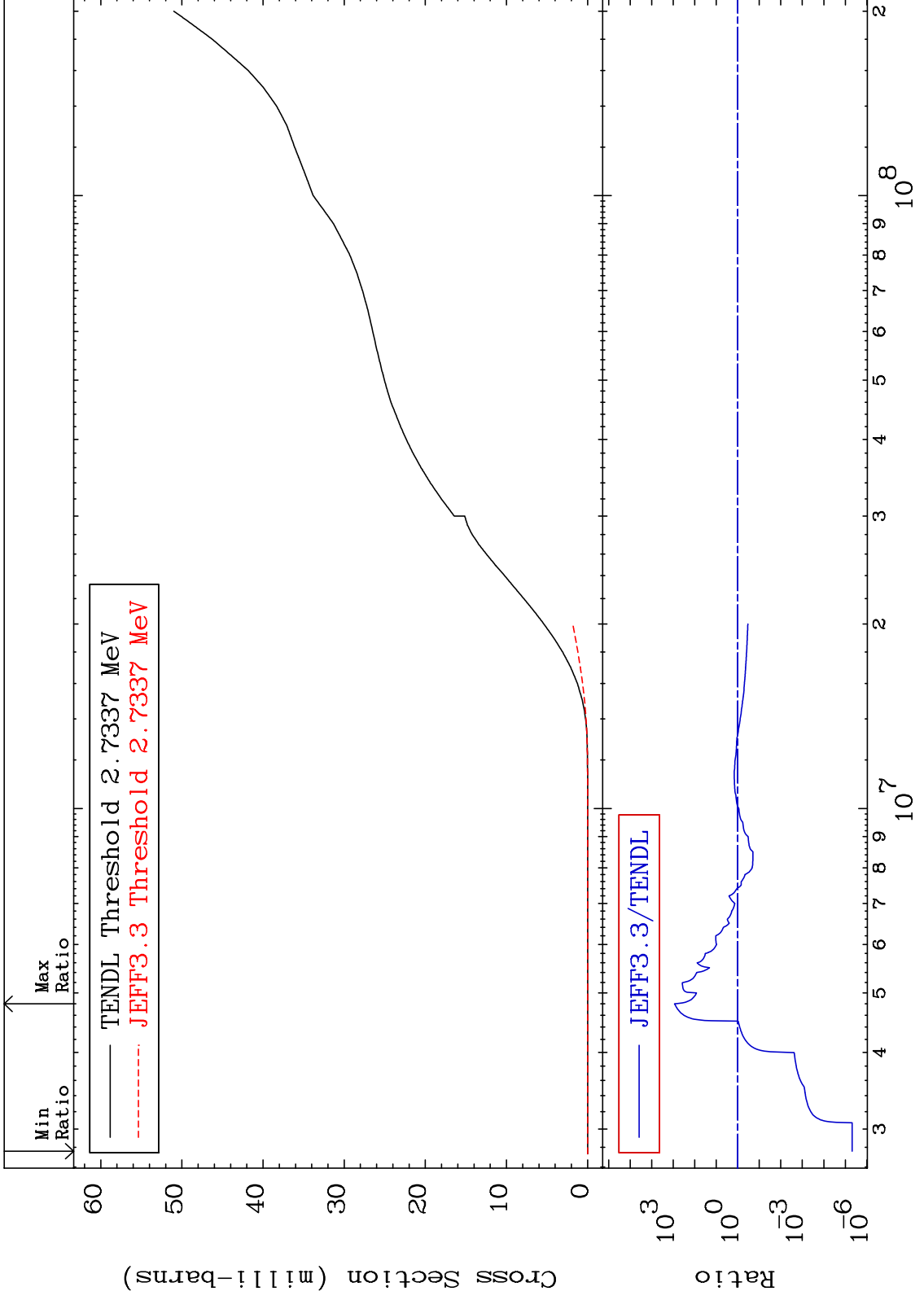
63-Eu-152  
-100.0 To 9999. %



MAT 6328

Tritium Production  
Cross Section

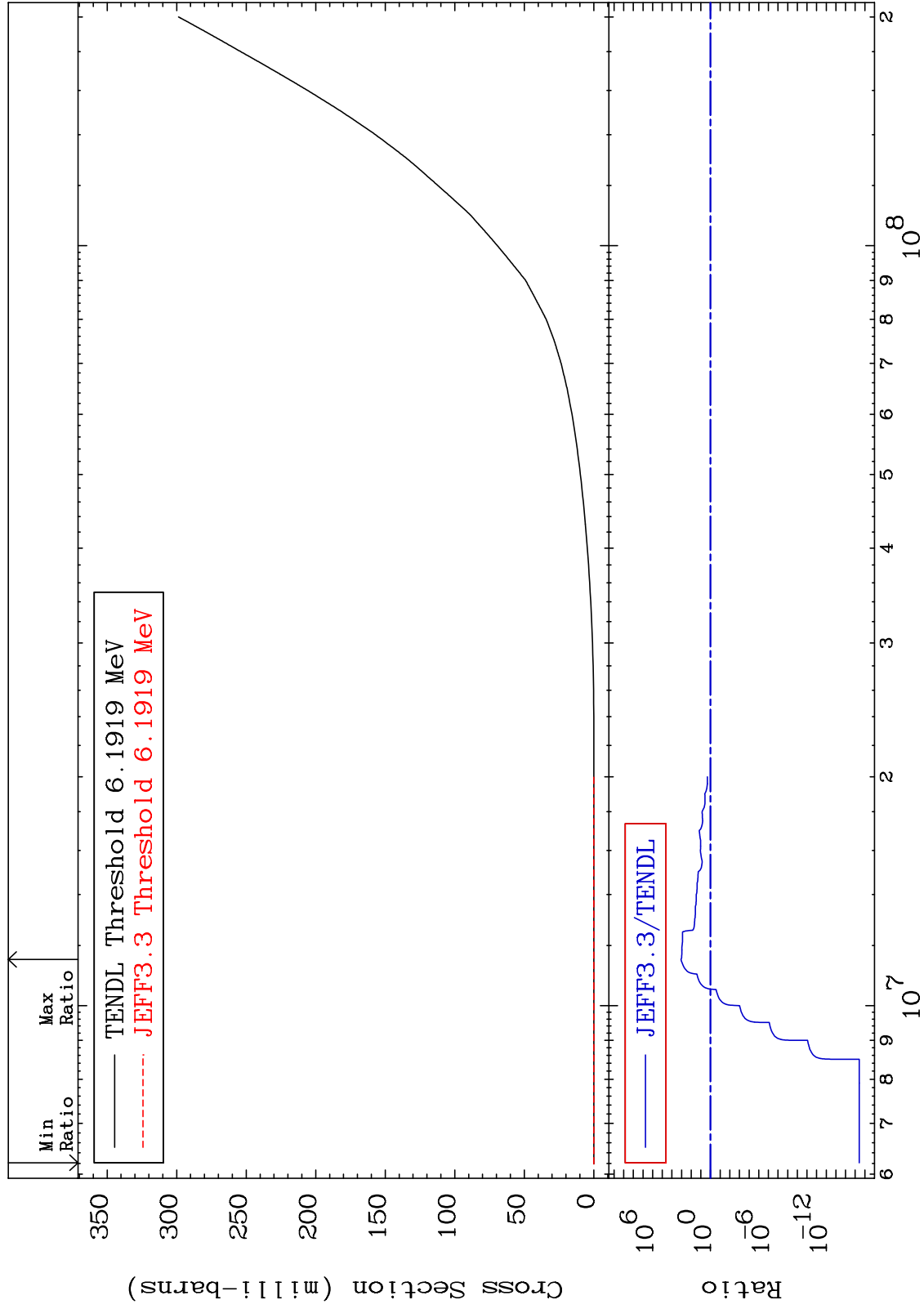
63-Eu-152  
-100.0 To 9999. %



MAT 6328

He-3 Production  
Cross Section

63-Eu-152  
-100.0 To 9999. %



52

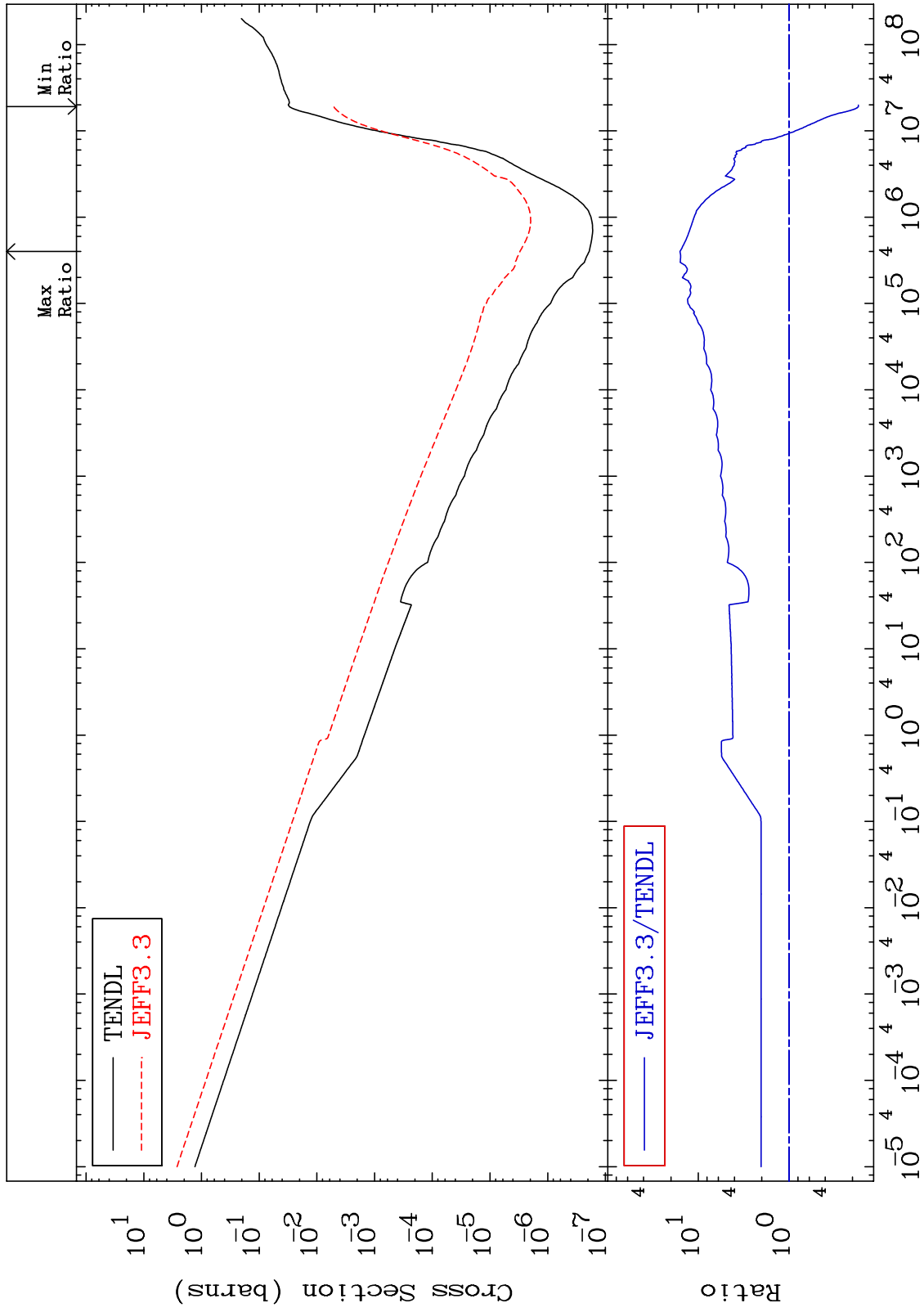
Incident Energy (eV)

63-Eu-152

MAT 6328

He-4 Production  
Cross Section

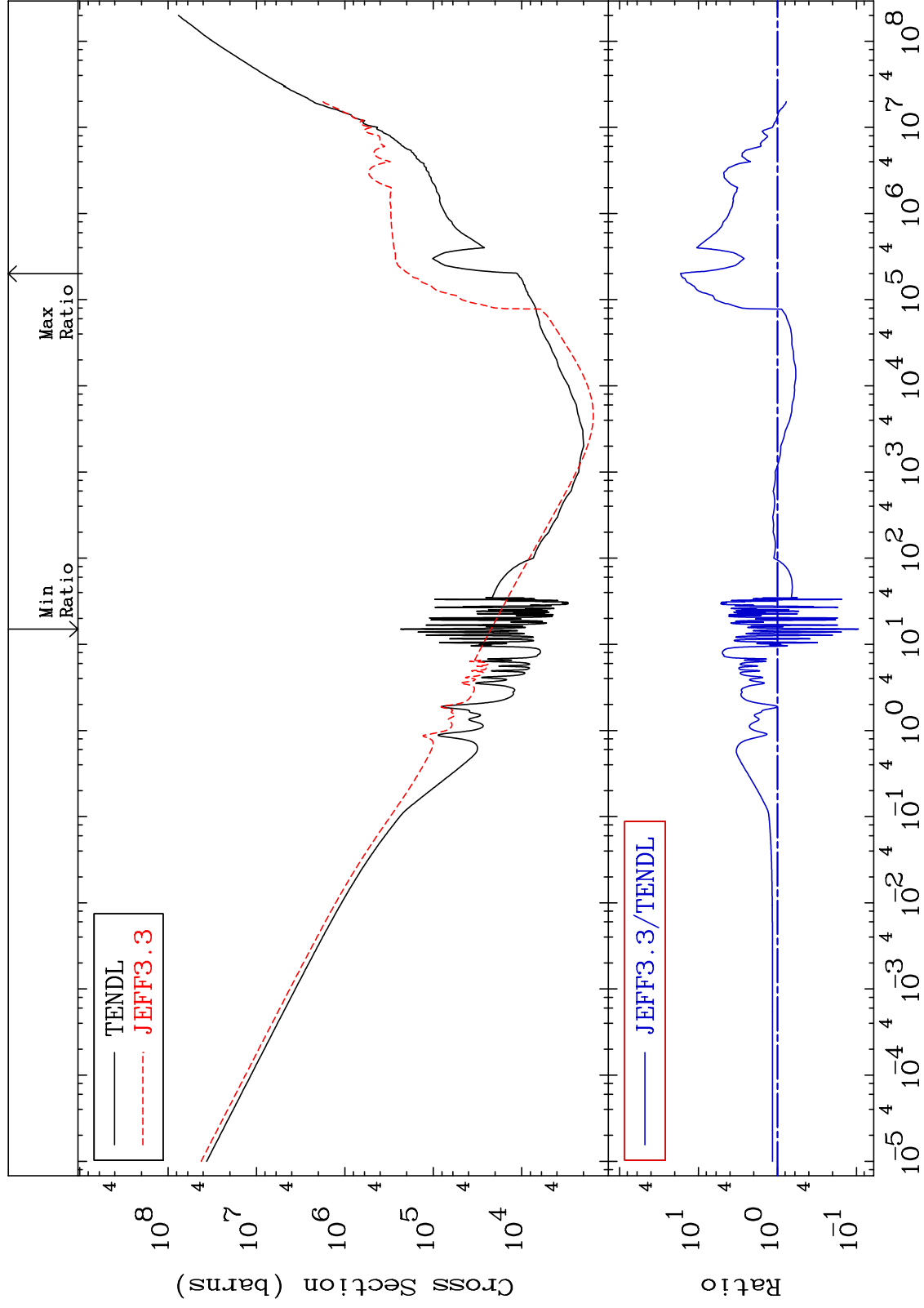
63-Eu-152  
-82.75 To 1487. %



MAT 6328

Kerma total (eV-barns)  
Cross Section

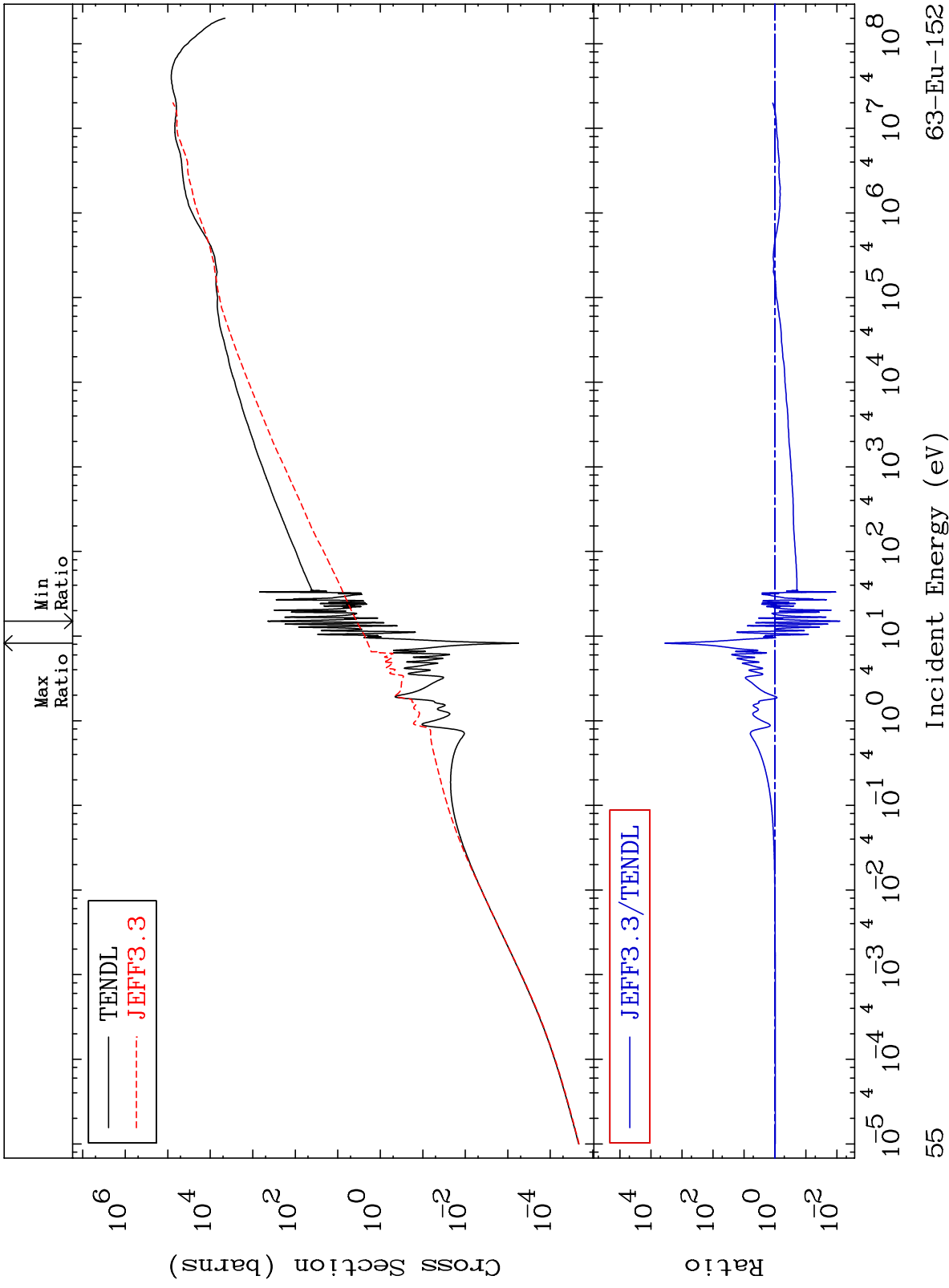
63-Eu-152  
-90.59 To 1595. %



MAT 6328

Kerma elastic  
Cross Section

63-Eu-152  
-99.19 To 9999. %



55

Incident Energy (eV)

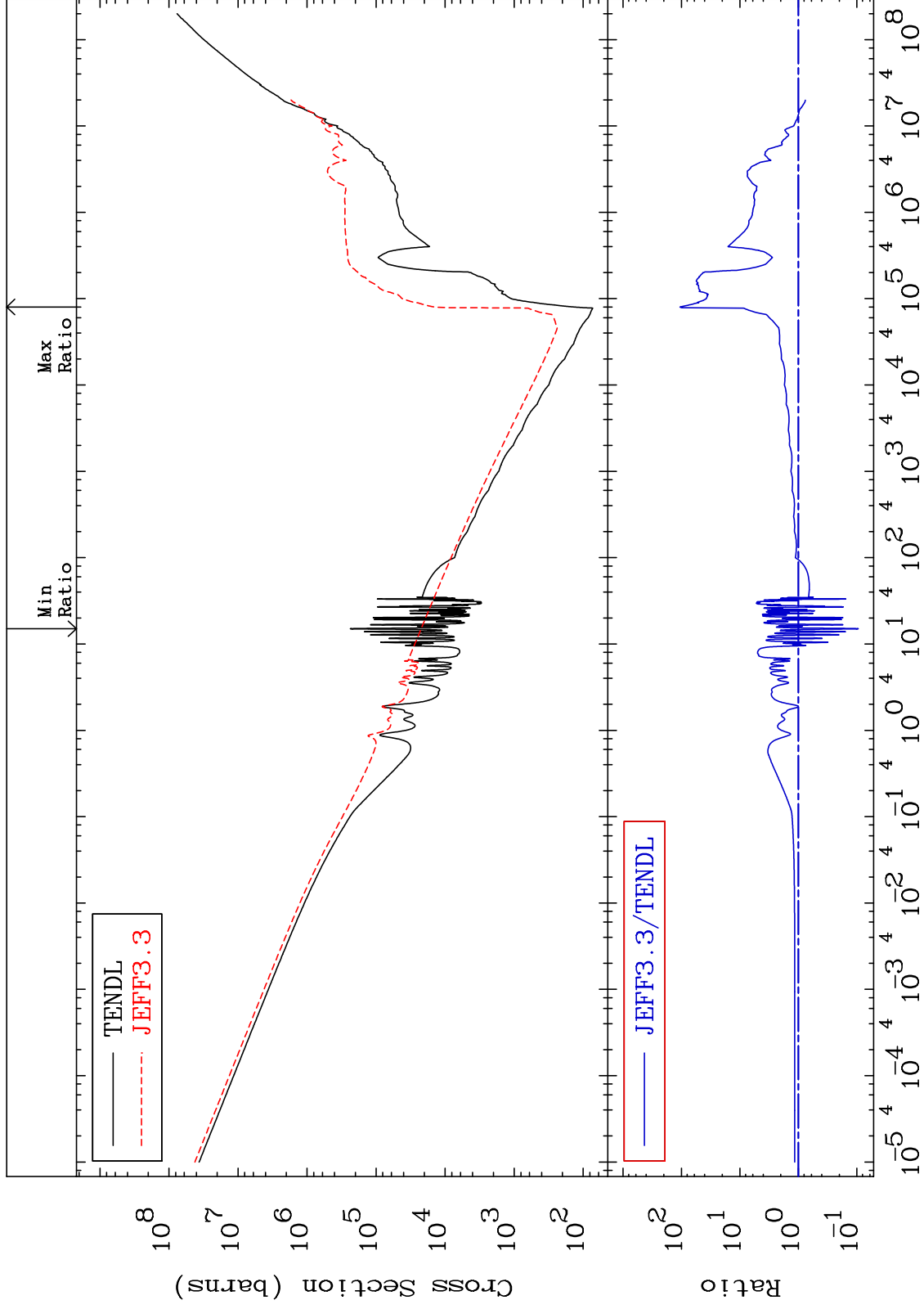
63-Eu-152



MAT 6328

Kerma non-elastic (all but mt2)  
Cross Section

63-Eu-152  
-90.57 To 9999. %



56

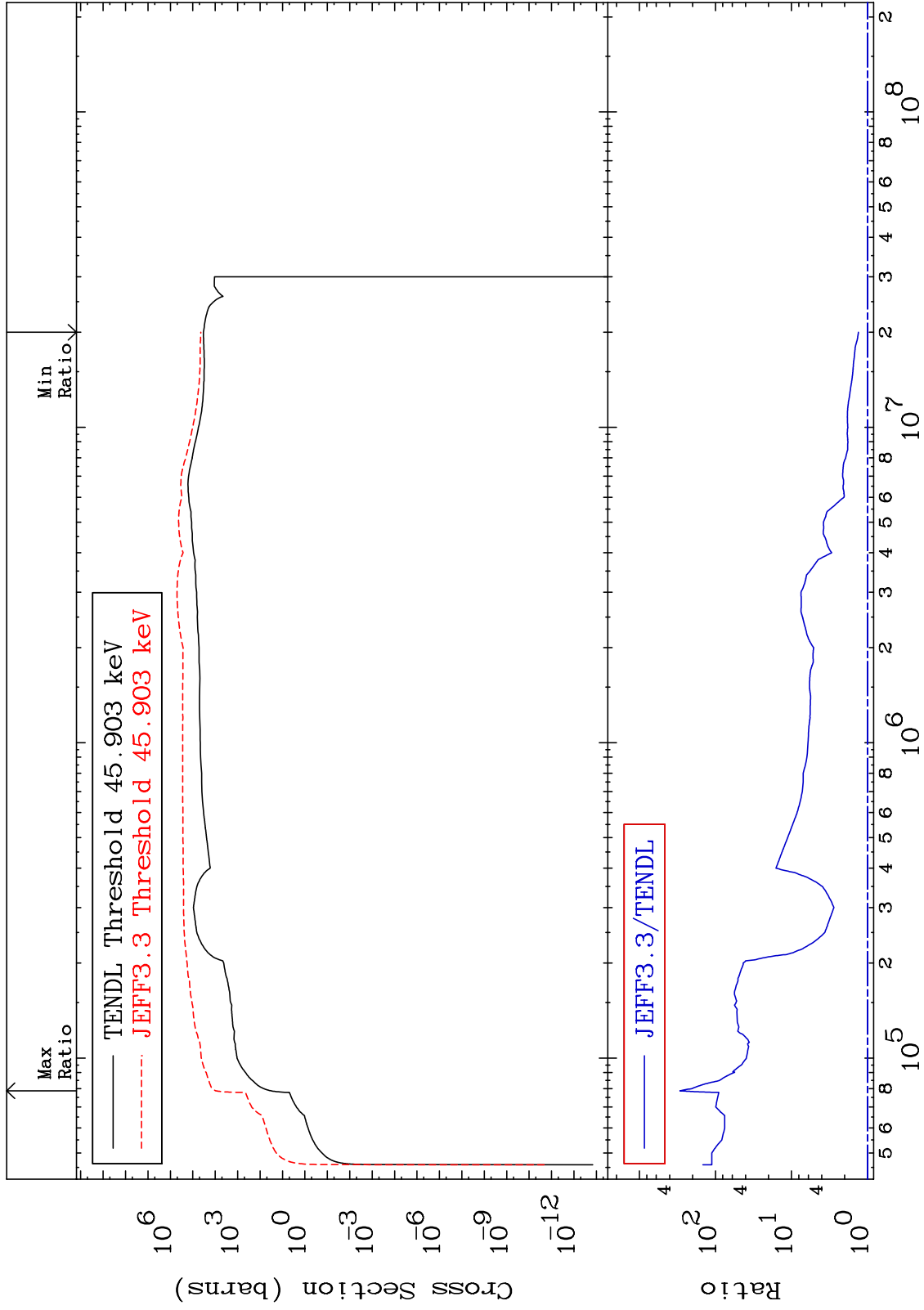
Incident Energy (eV)

63-Eu-152

MAT 6328

Kerma inelastic (mt51-91)  
Cross Section

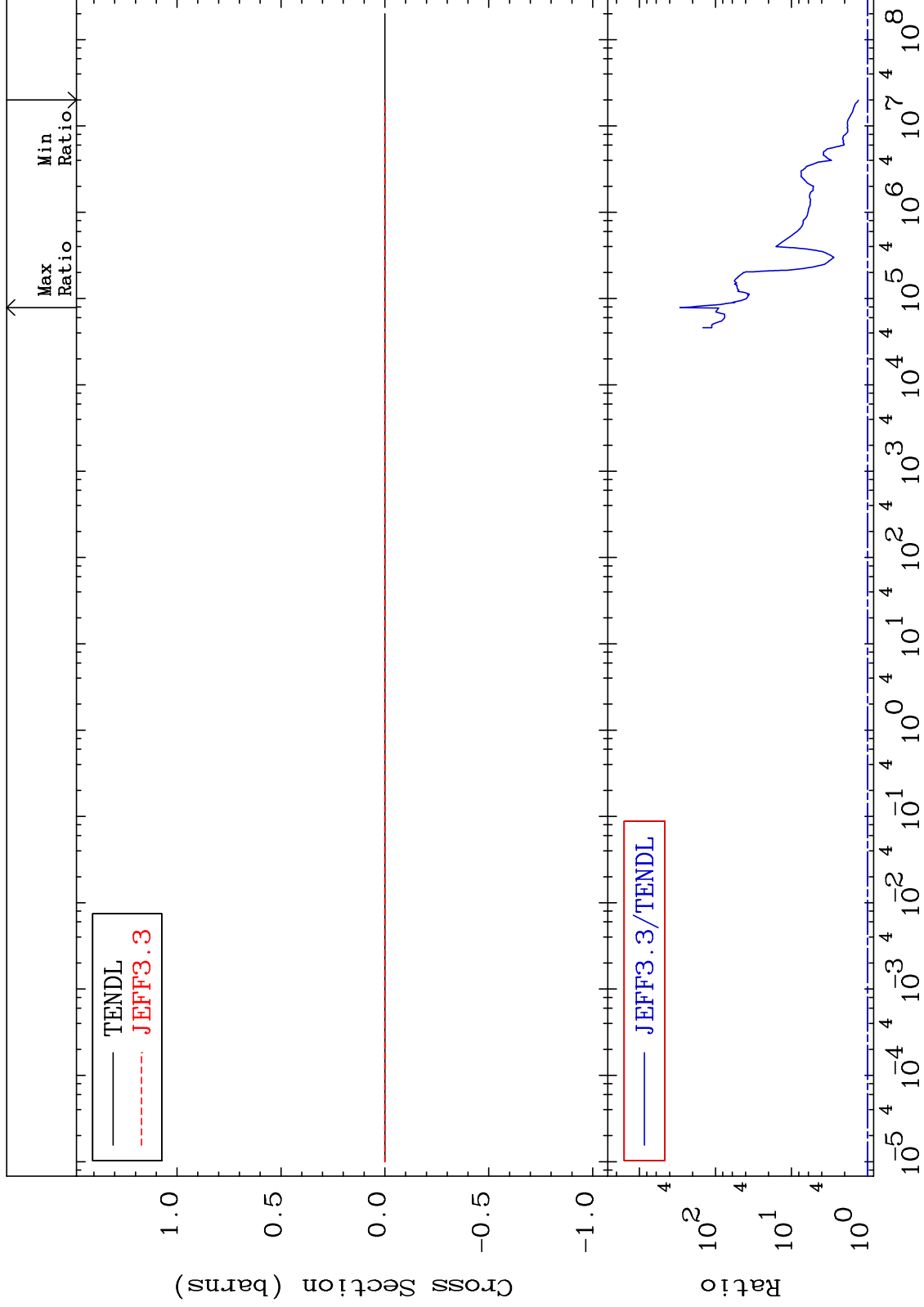
63-Eu-152  
31.77 To 9999. %



MAT 6328

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

63-Eu-152  
31.77 To 9999. %



58

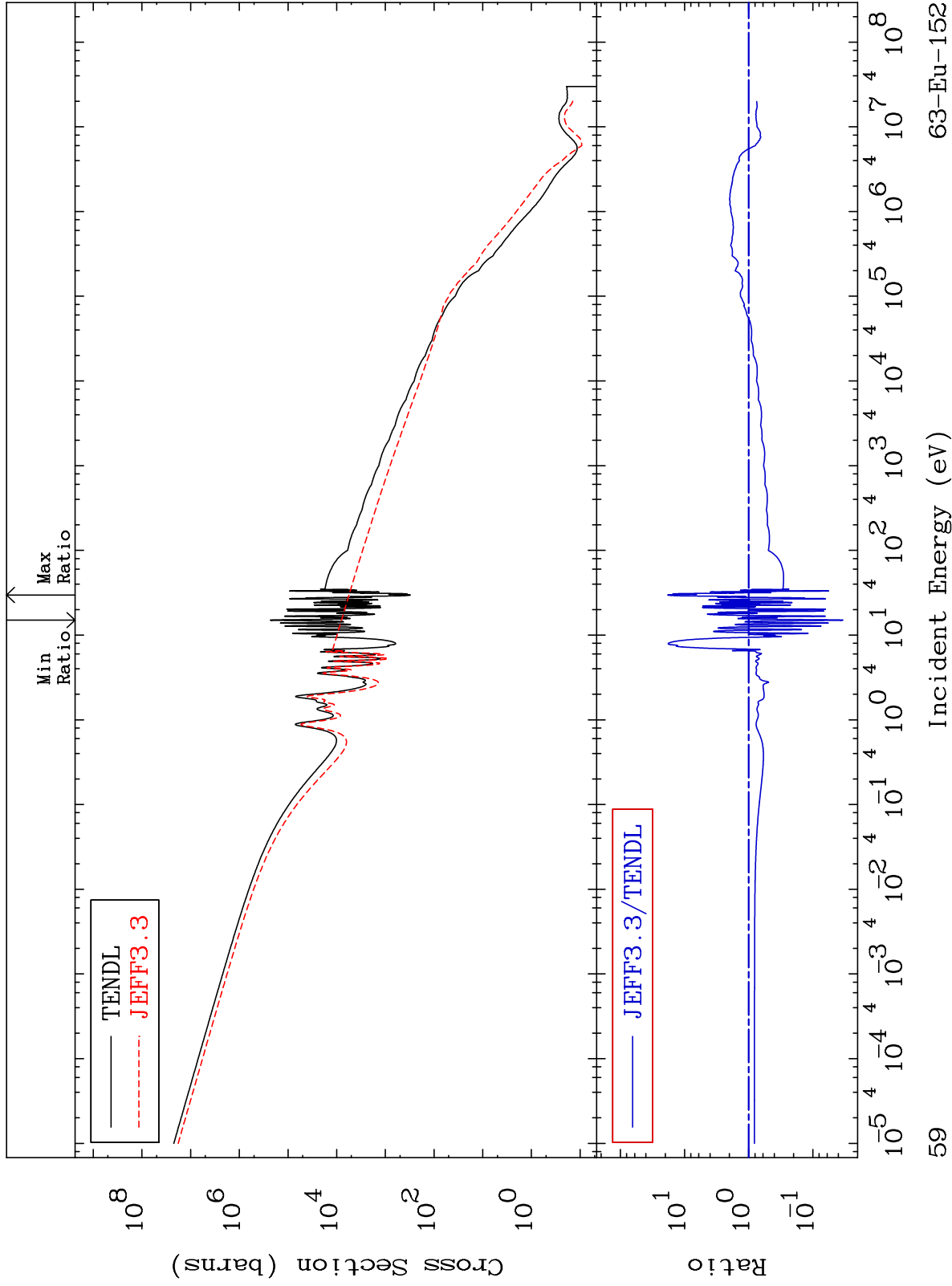
Incident Energy (eV)

63-Eu-152

MAT 6328

Kerma capture (mt102)  
Cross Section

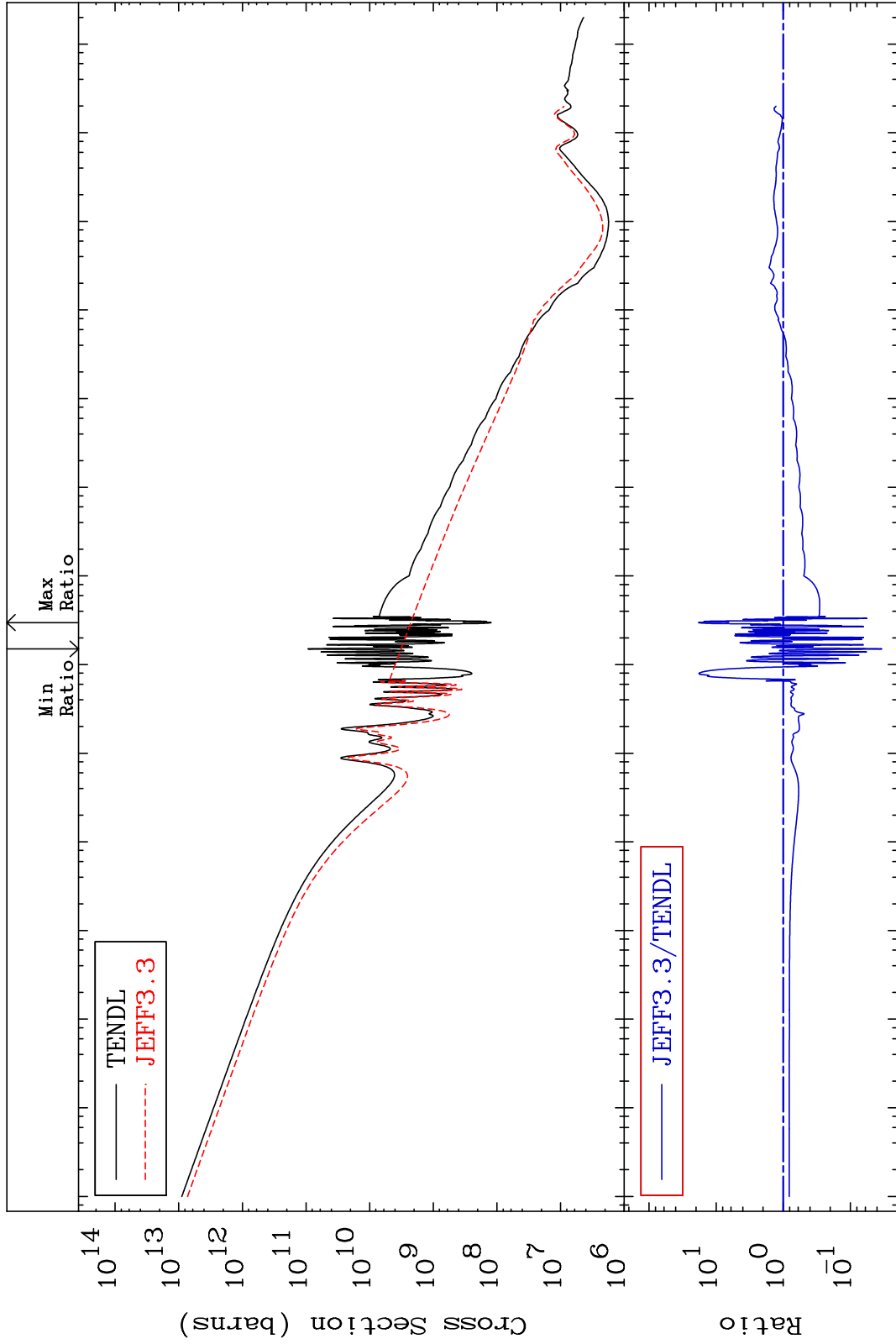
63-Eu-152  
-96.57 To 1743. %



MAT 6328

Total photon (eV-barns)  
Cross Section

63-Eu-152  
-96.57 To 1742. %



60

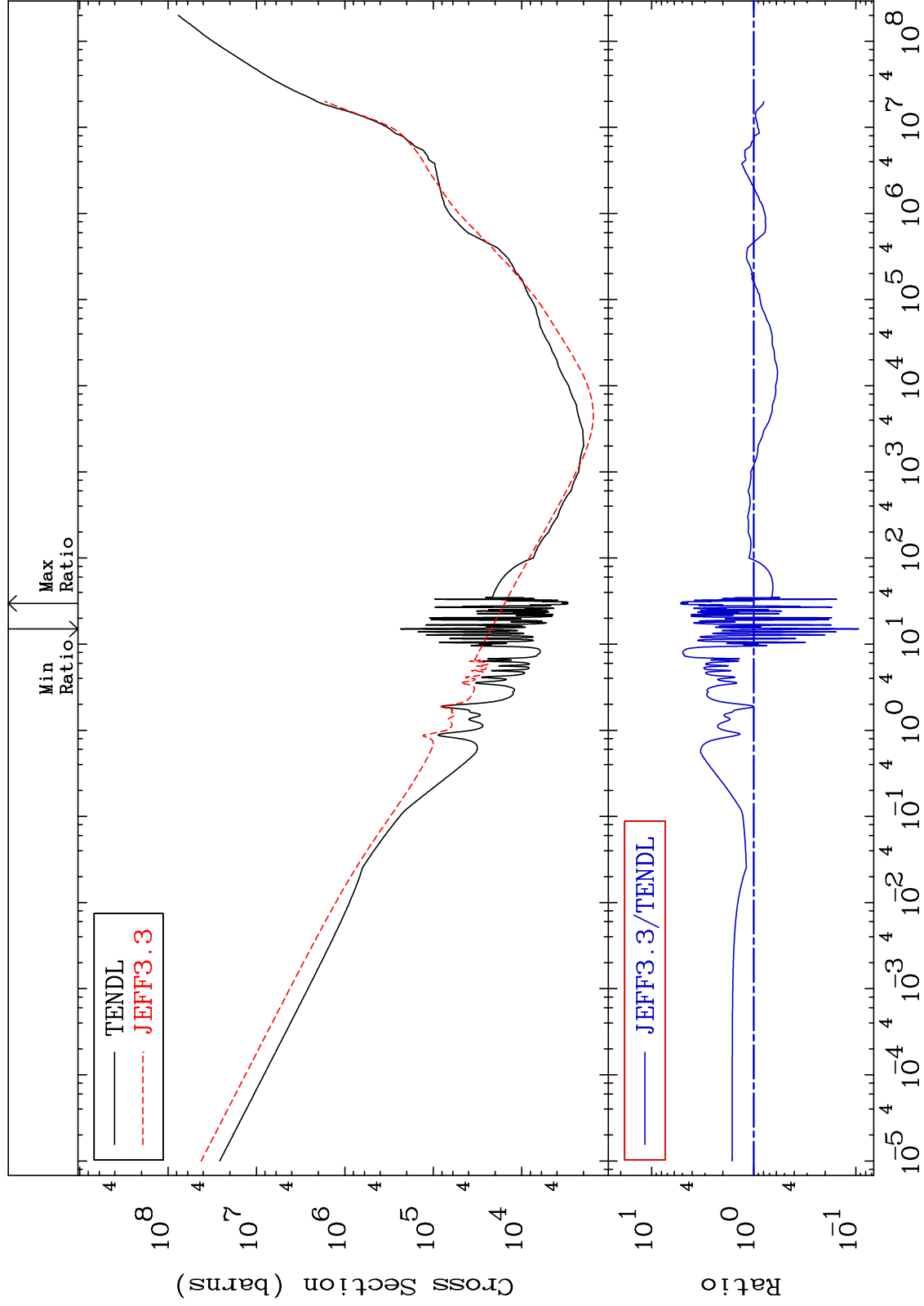
Incident Energy (eV)

63-Eu-152

MAT 6328

Total kinematic kerma (high limit)  
Cross Section

63-Eu-152  
-90.59 To 421.3 %



61

Incident Energy (eV)

63-Eu-152

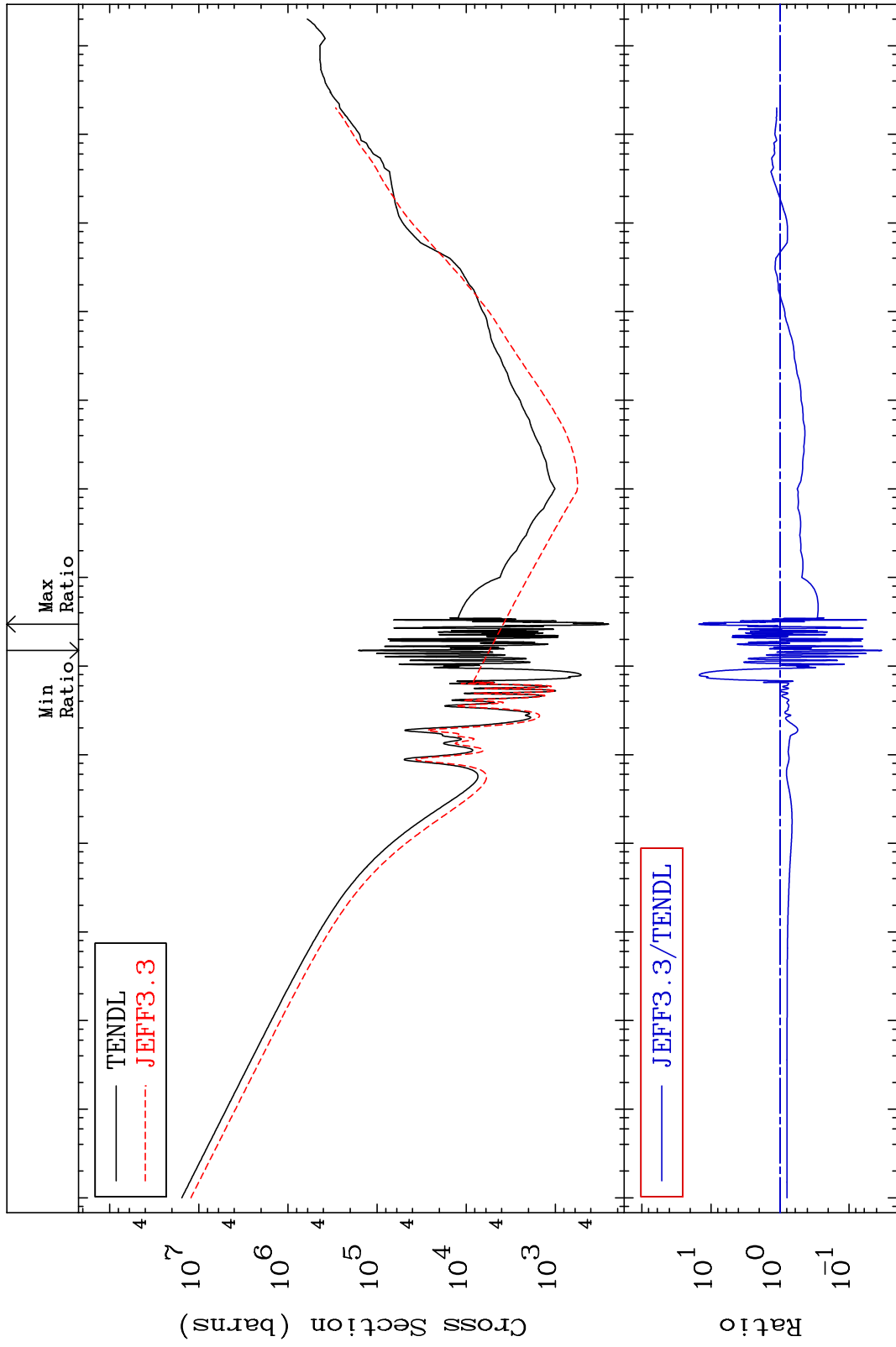
MAT 6328

Dpa total (eV-barns)

63-Eu-152

-96.62 To 1423. %

Cross Section



62

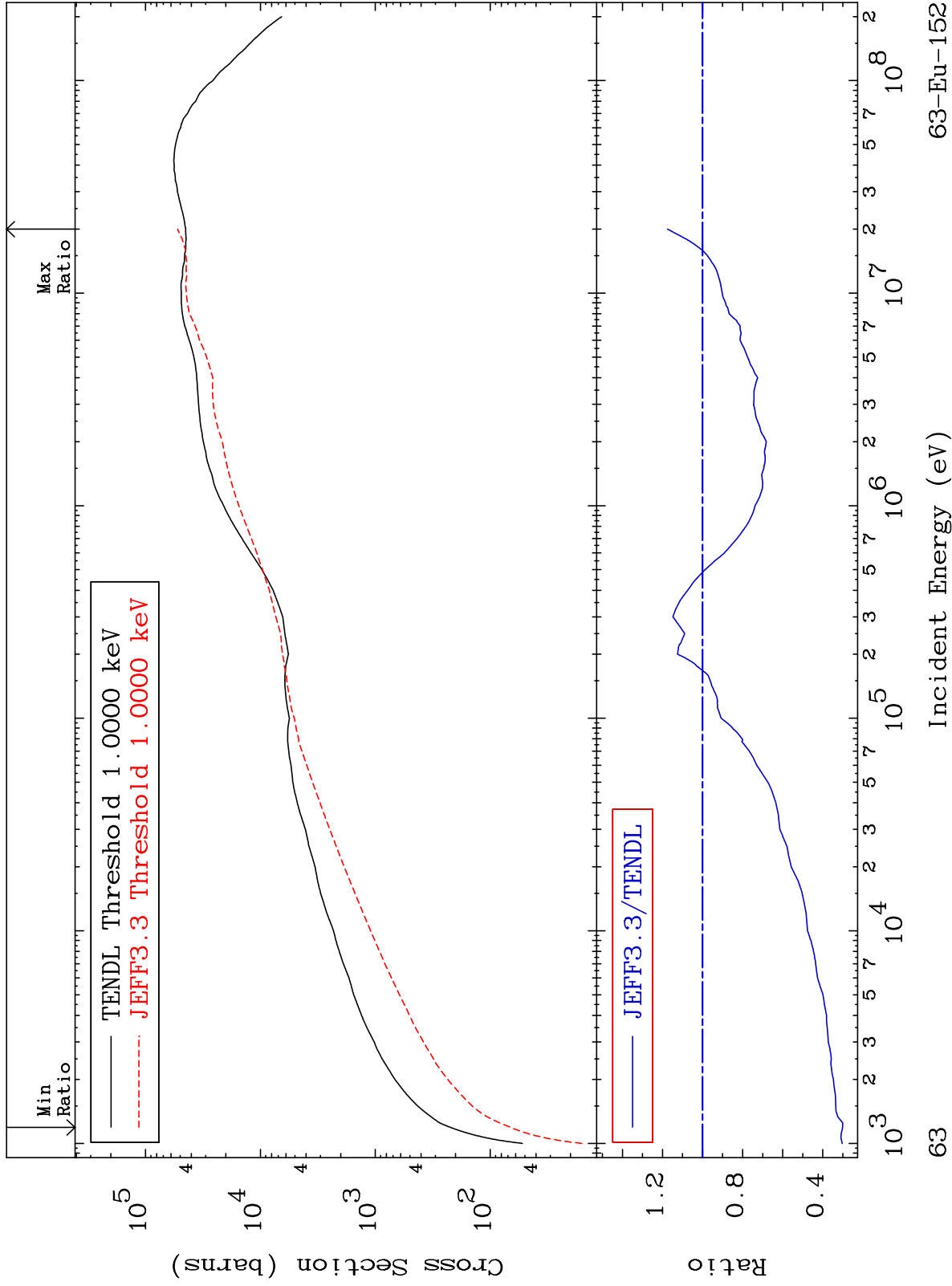
Incident Energy (eV)

63-Eu-152

MAT 6328

Dpa elastic (mt2)  
Cross Section

63-Eu-152  
-69.94 To 17.49 %

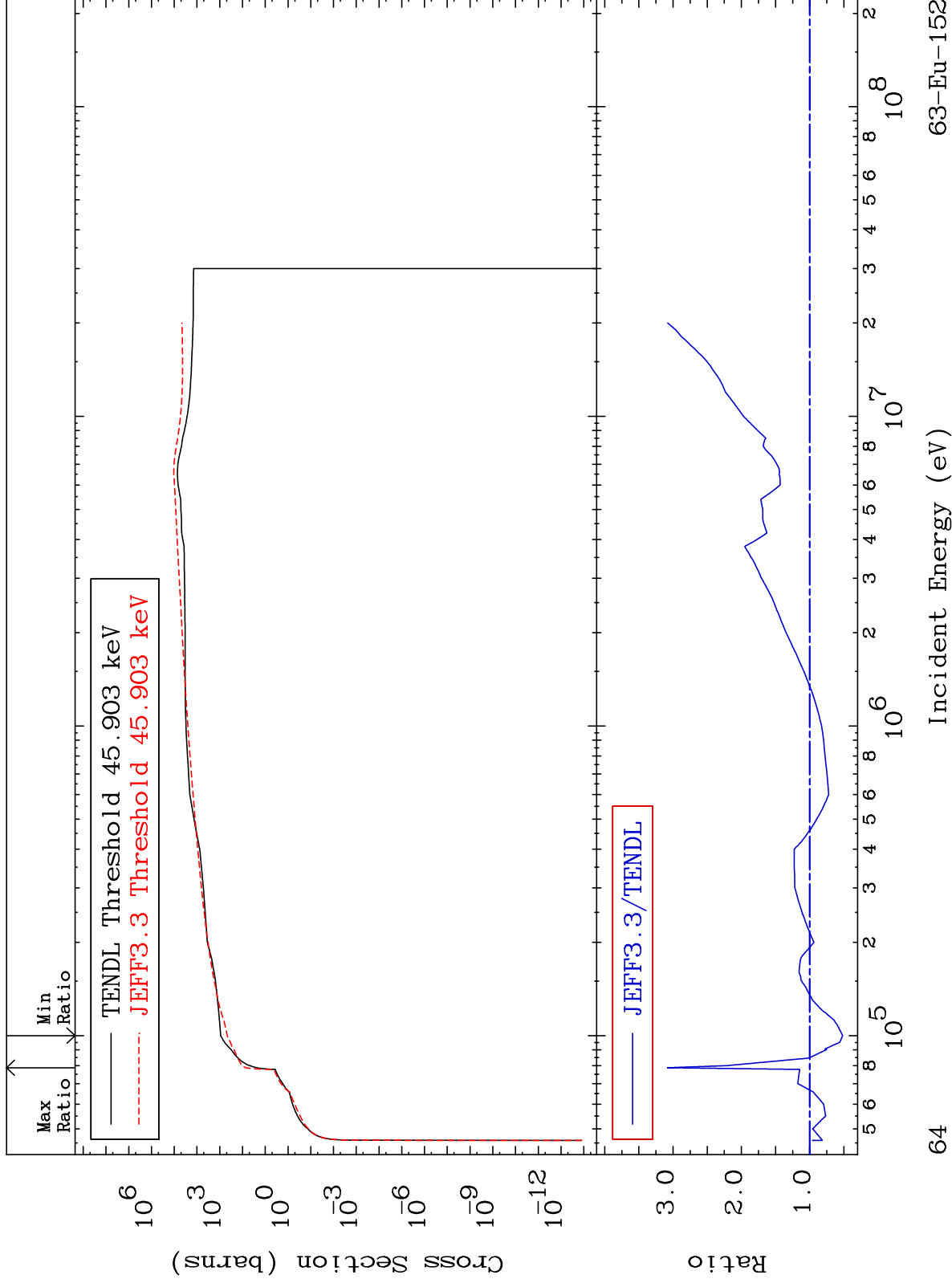




MAT 6328

Dpa inelastic (mt51-91)  
Cross Section

63-Eu-152  
-48.22 To 208.0 %



MAT 6328

Dpa disappearance (mt102 -120)  
Cross Section

63-Eu-152  
-96.62 To 1423. %

