

Program Complot
(Version 2021-1)

by

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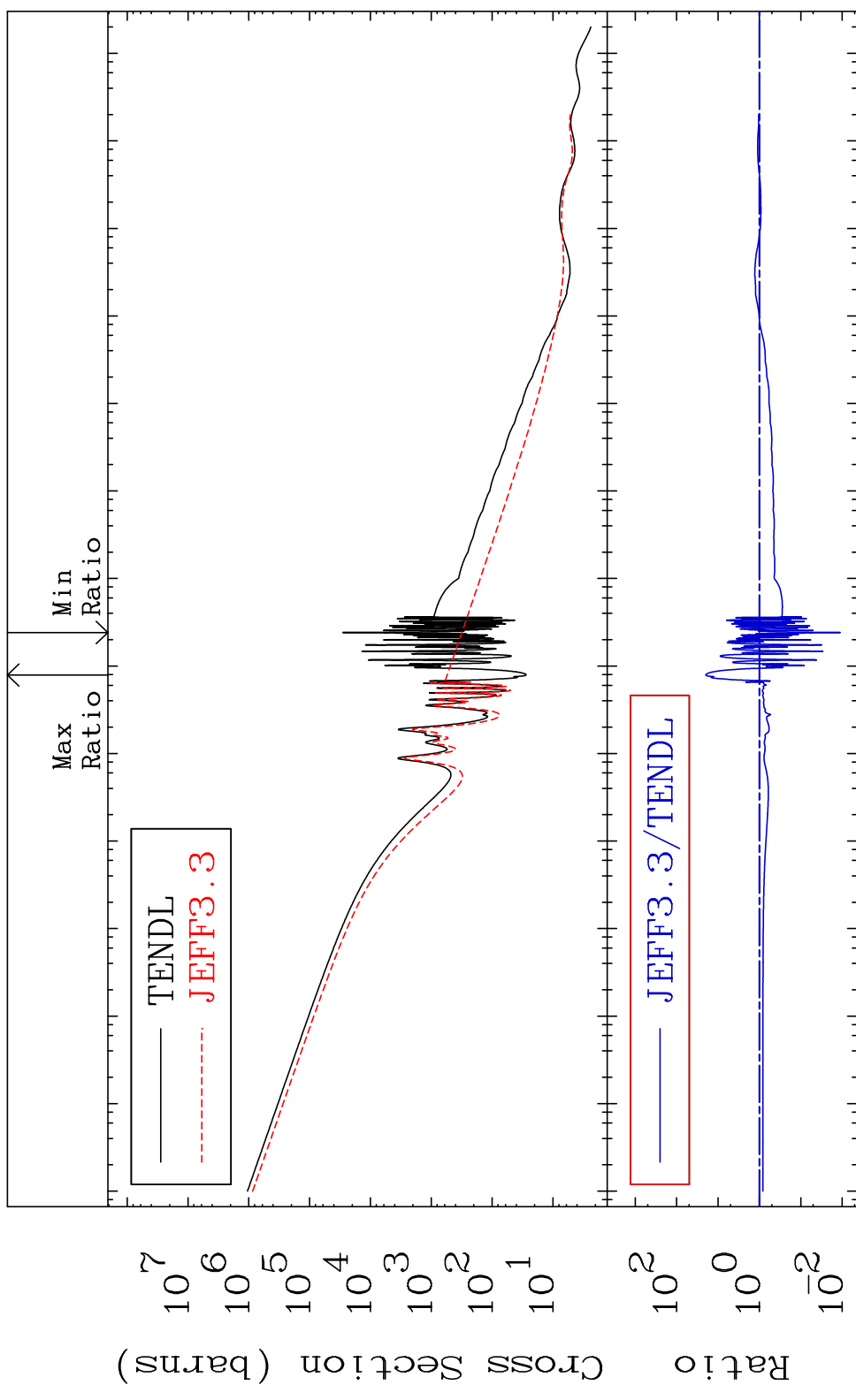
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6328

Total
Cross Section -98.90 To 1876. %
63-Eu-152

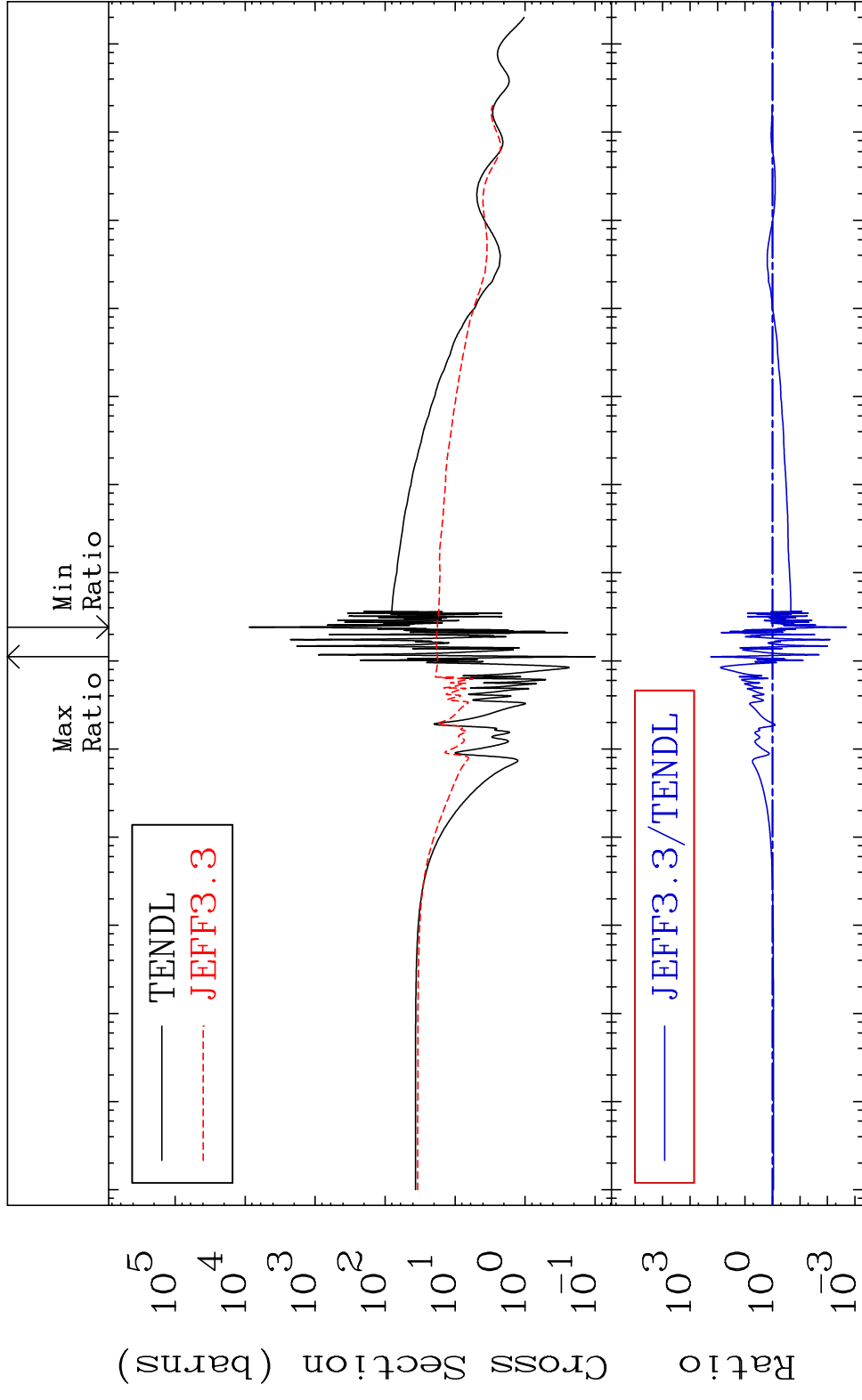


1 Incident Energy (eV) 63-Eu-152

MAT 6328

Elastic Cross Section -99.79 To 9999. %

63-Eu-152



2

Incident Energy (eV)

63-Eu-152

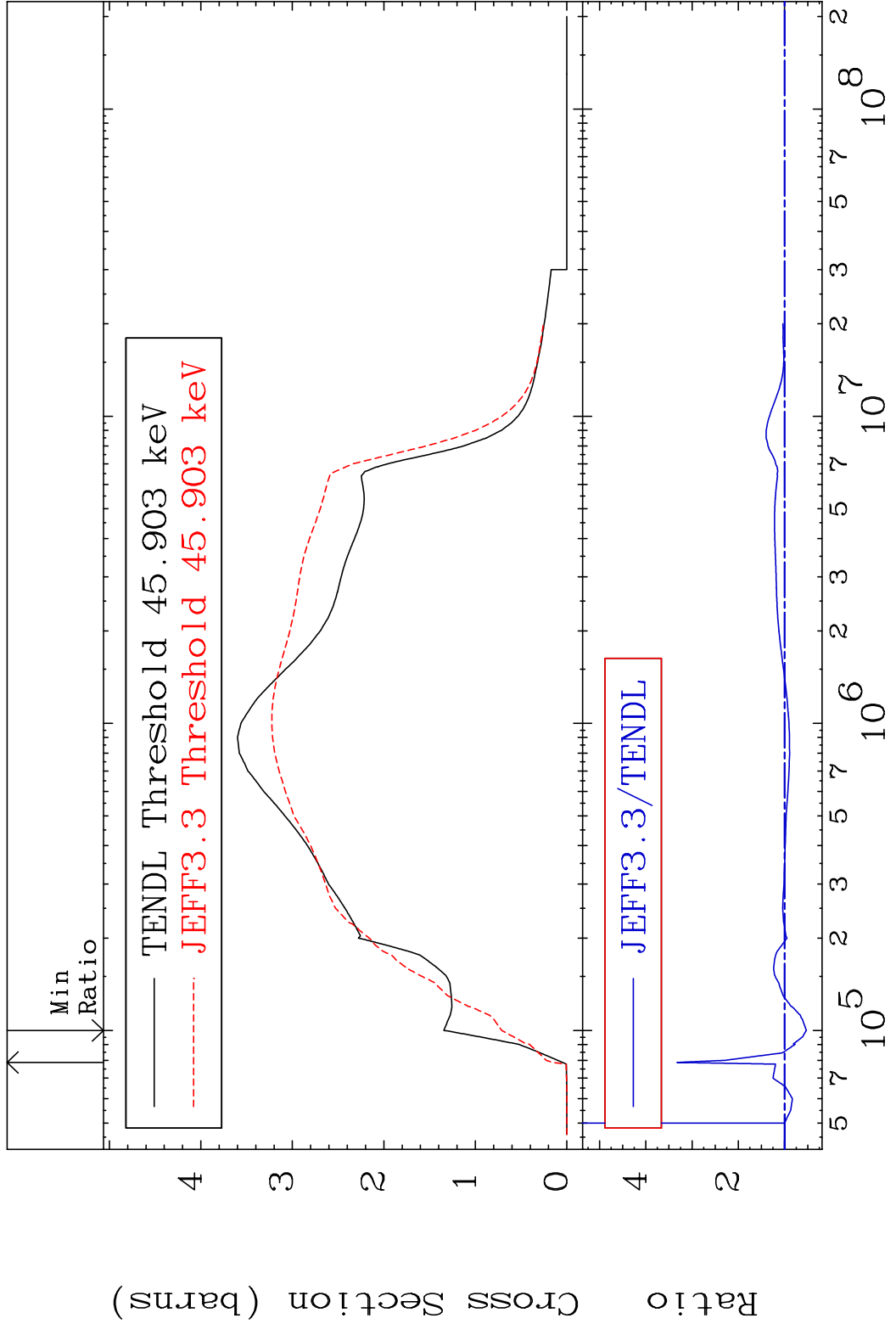
MAT 6328

Inelastic

63-Eu-152

Cross Section

-47.10 To 232.2 %



3

Incident Energy (eV)

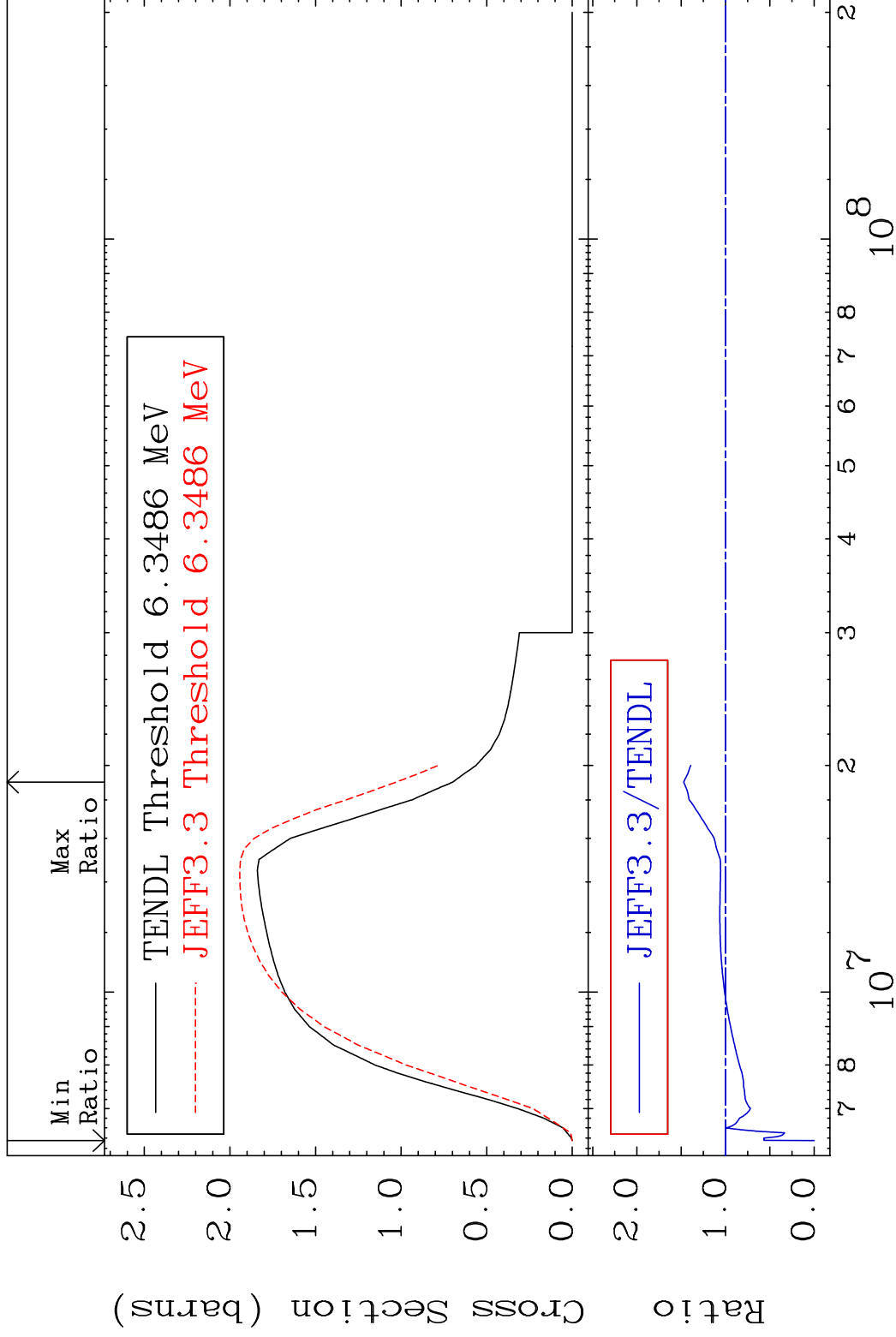
63-Eu-152

MAT 6328

(n,2n)

63-Eu-152

Cross Section -100.0 To 47.26 %



4

Incident Energy (eV)

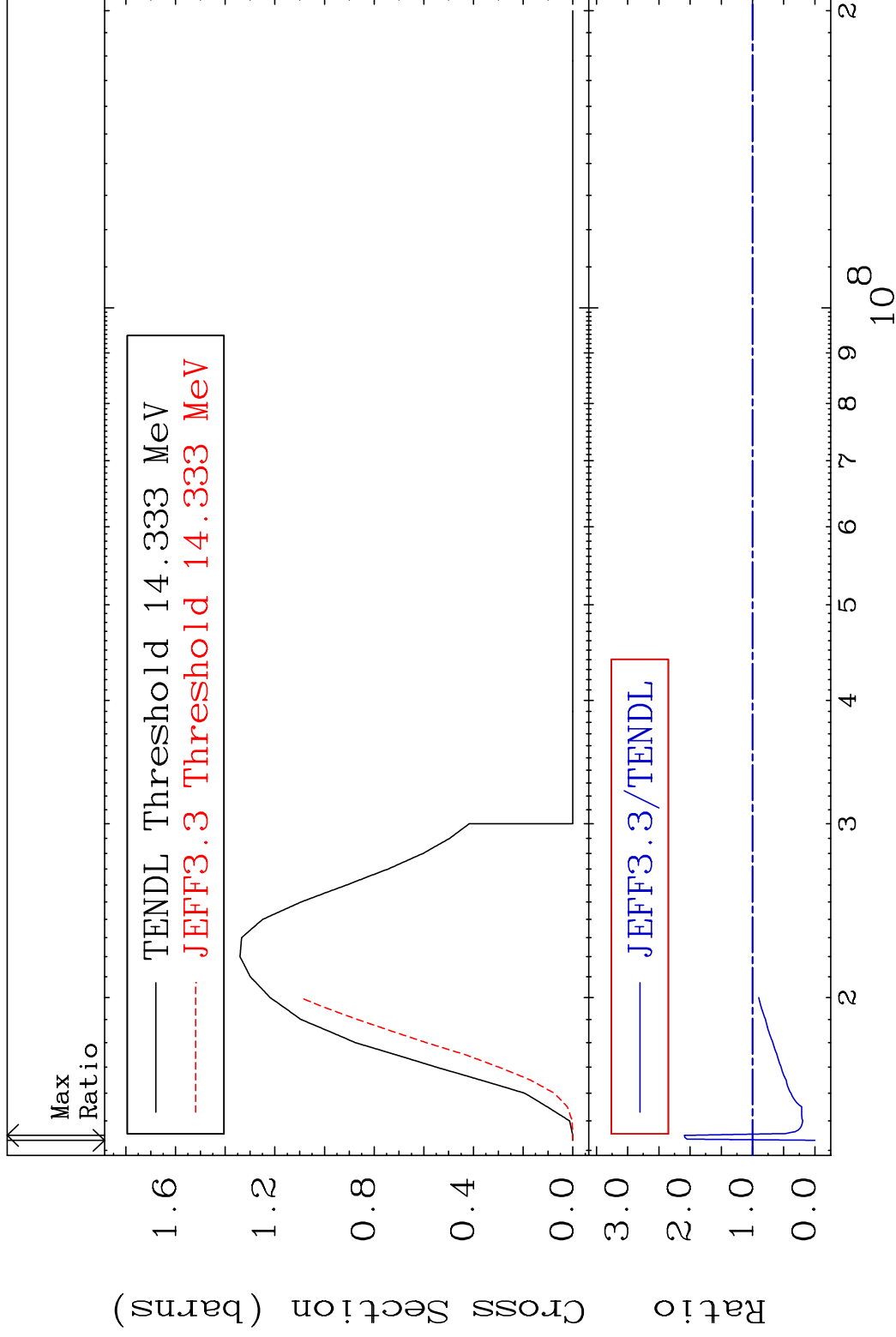
63-Eu-152

MAT 6328

(n,3n)

63-Eu-152

Cross Section -100.0 To 109.3 %



5

Incident Energy (eV)

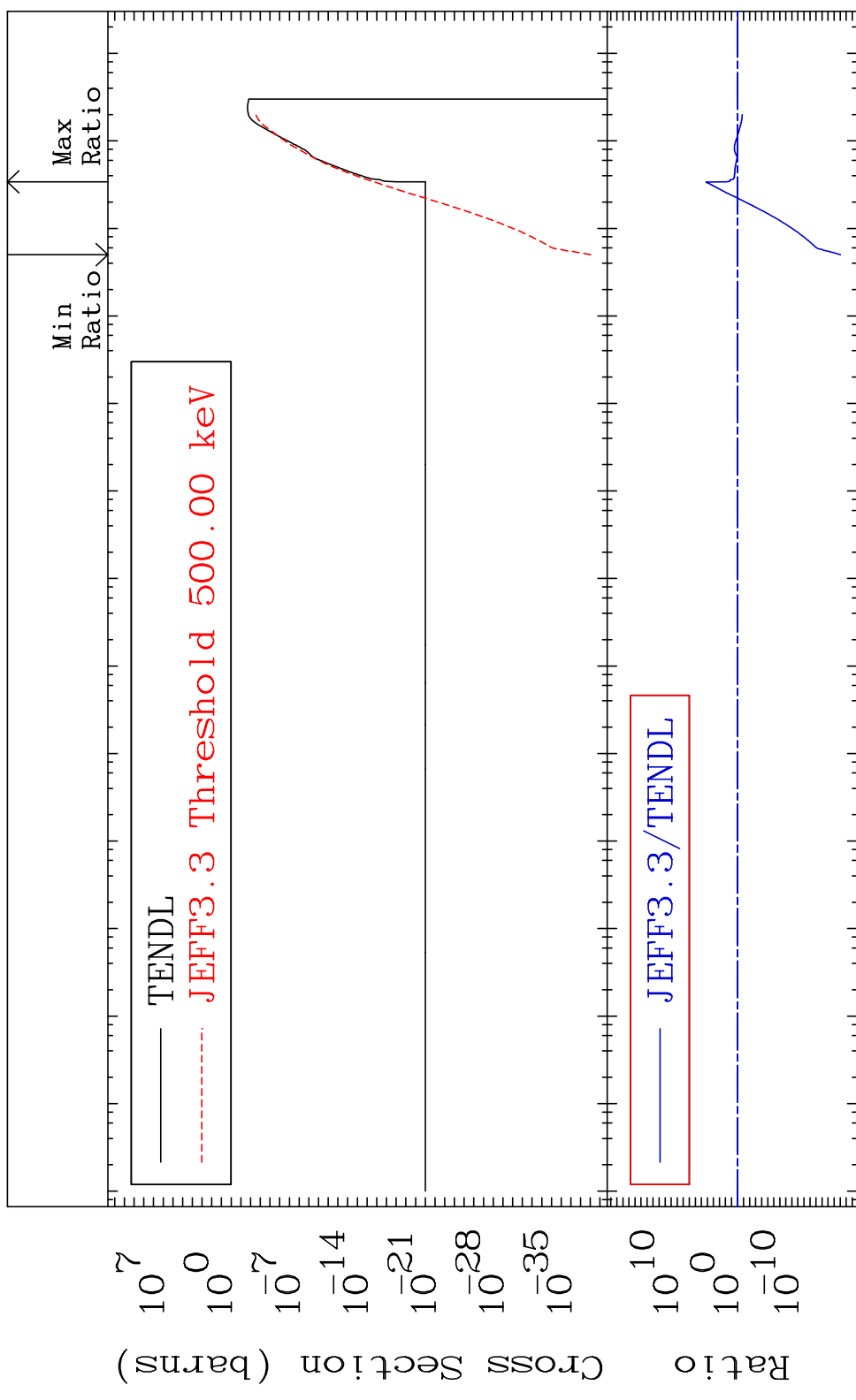
63-Eu-152

MAT 6328

(n, n') α

63-Eu-152

Cross Section -100.0 To 9999. %

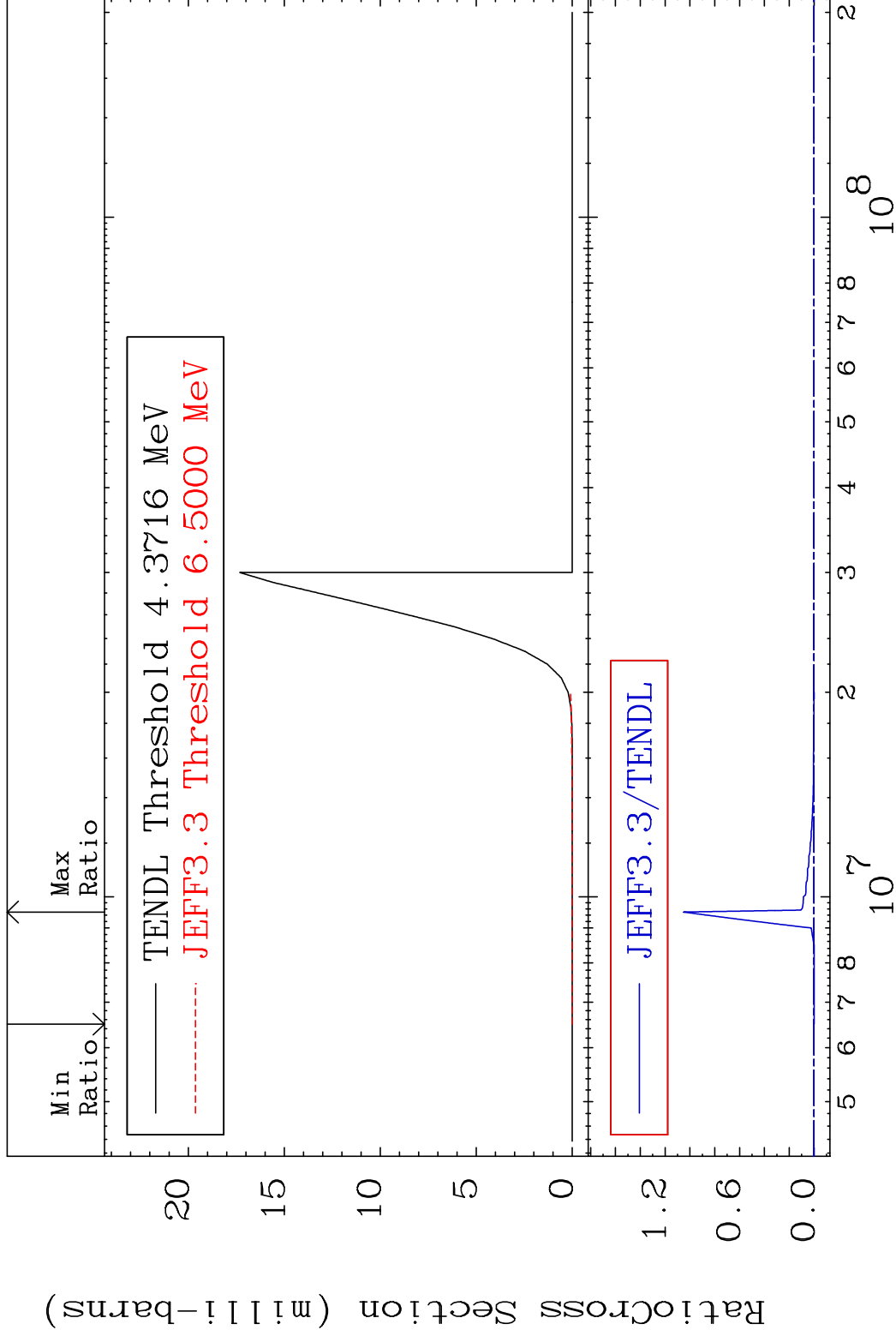


MAT 6328

(n,2n) α

63-Eu-152

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

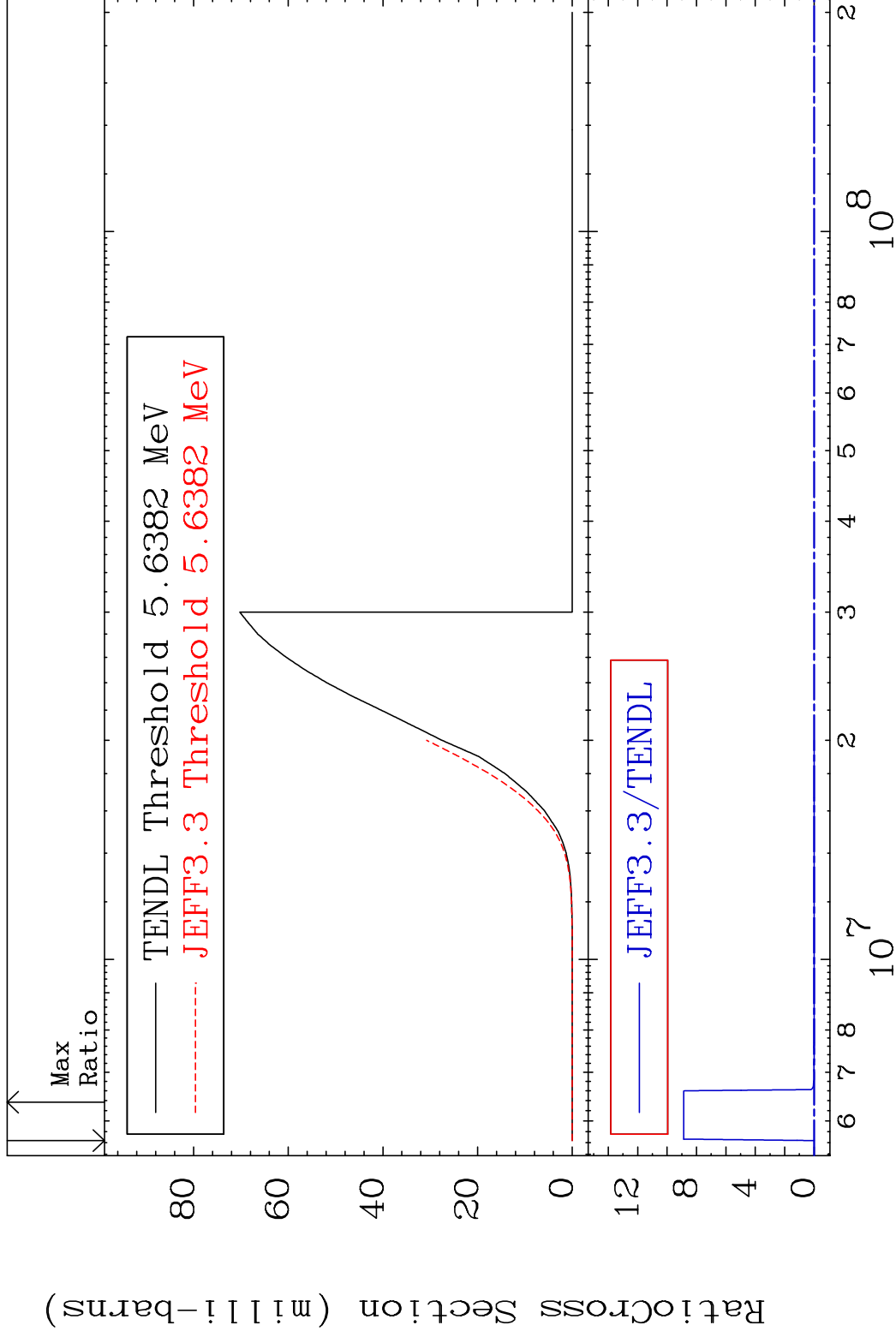
63-Eu-152

MAT 6328

(n, n') p

63-Eu-152

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

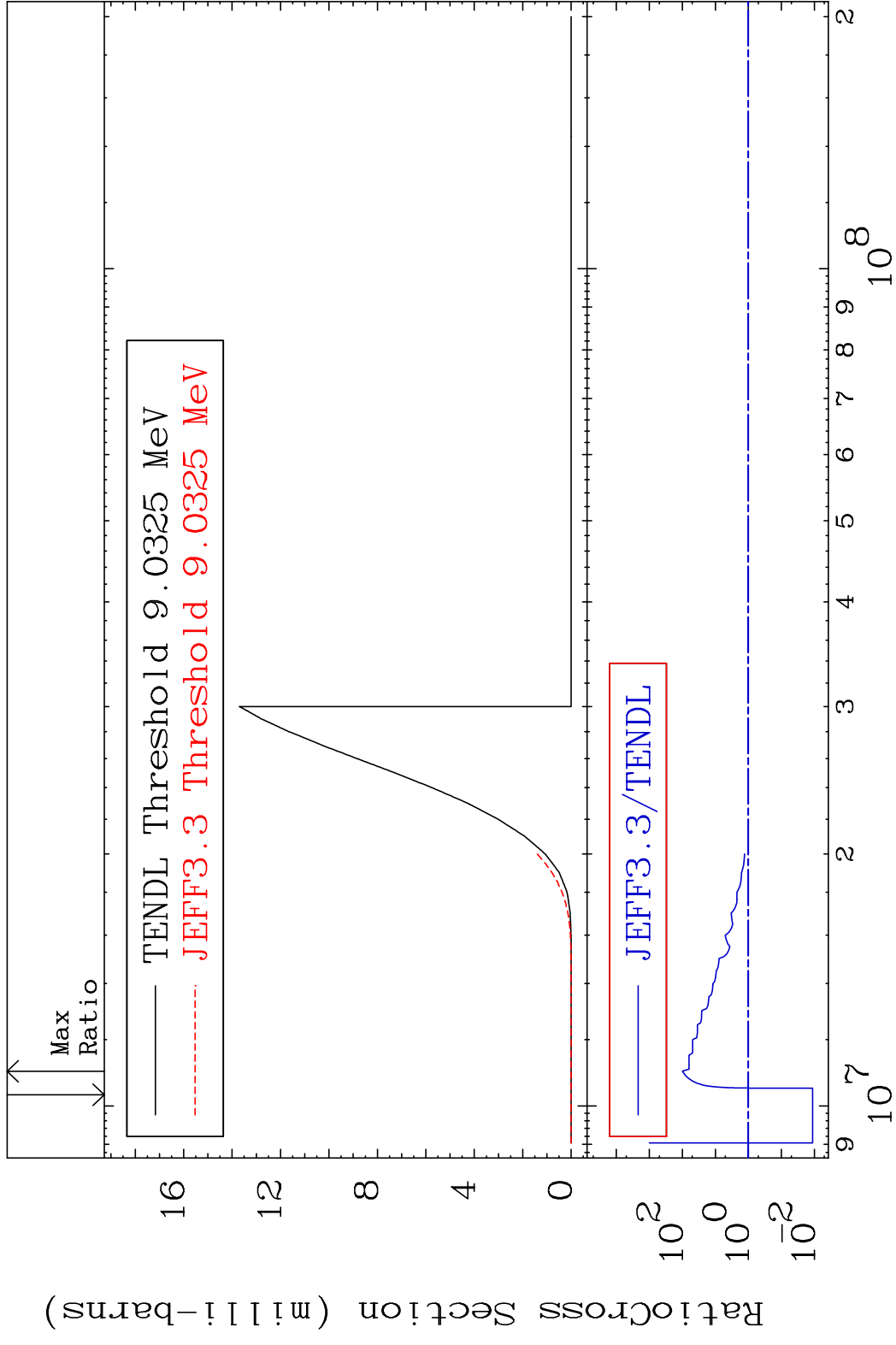
63-Eu-152

MAT 6328

(n, n') d

63-Eu-152

Cross Section -98.86 To 9892. %



9

Incident Energy (eV)

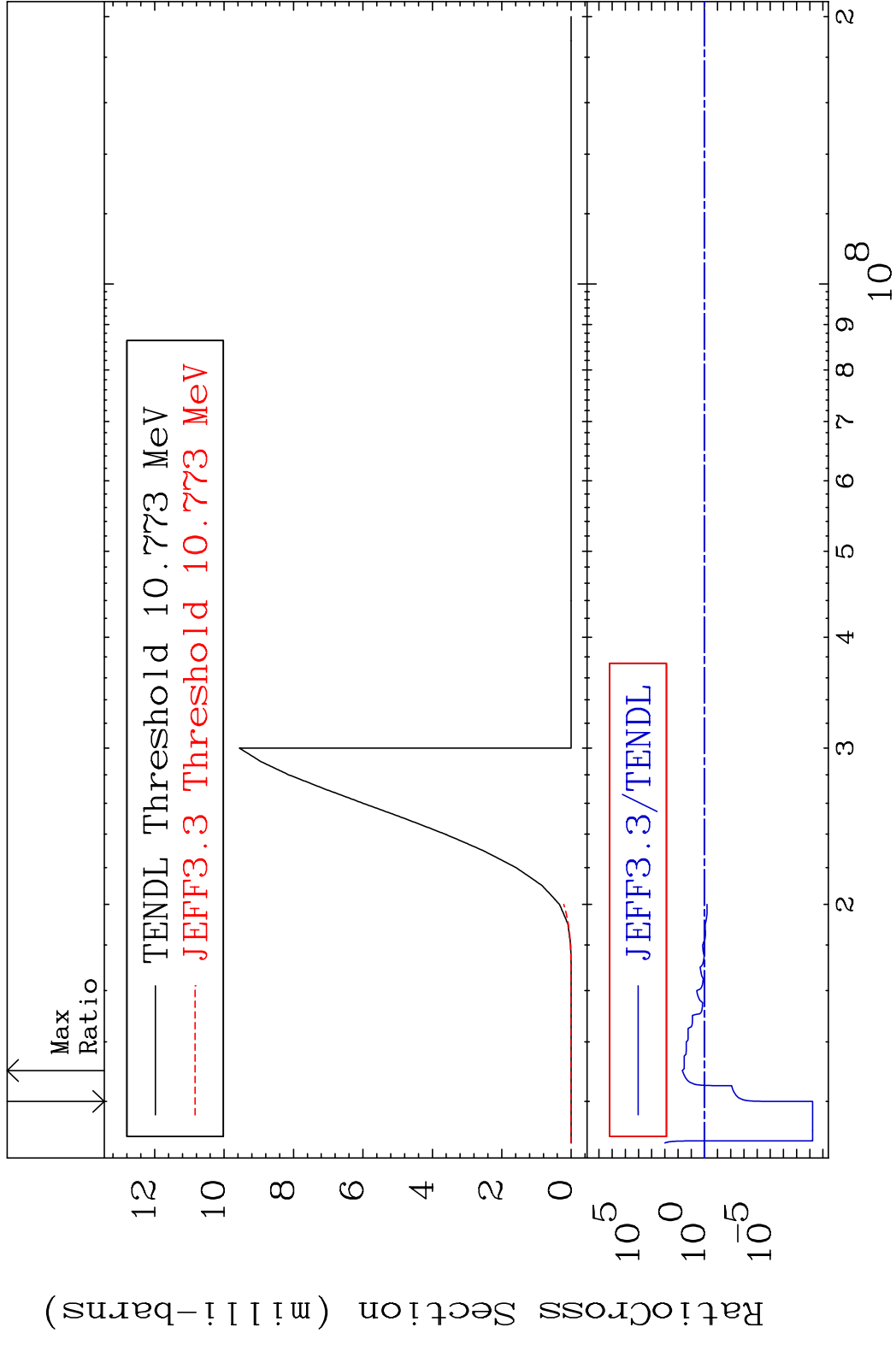
63-Eu-152

MAT 6328

(n, n') t

63-Eu-152

Cross Section -100.0 To 4604. %

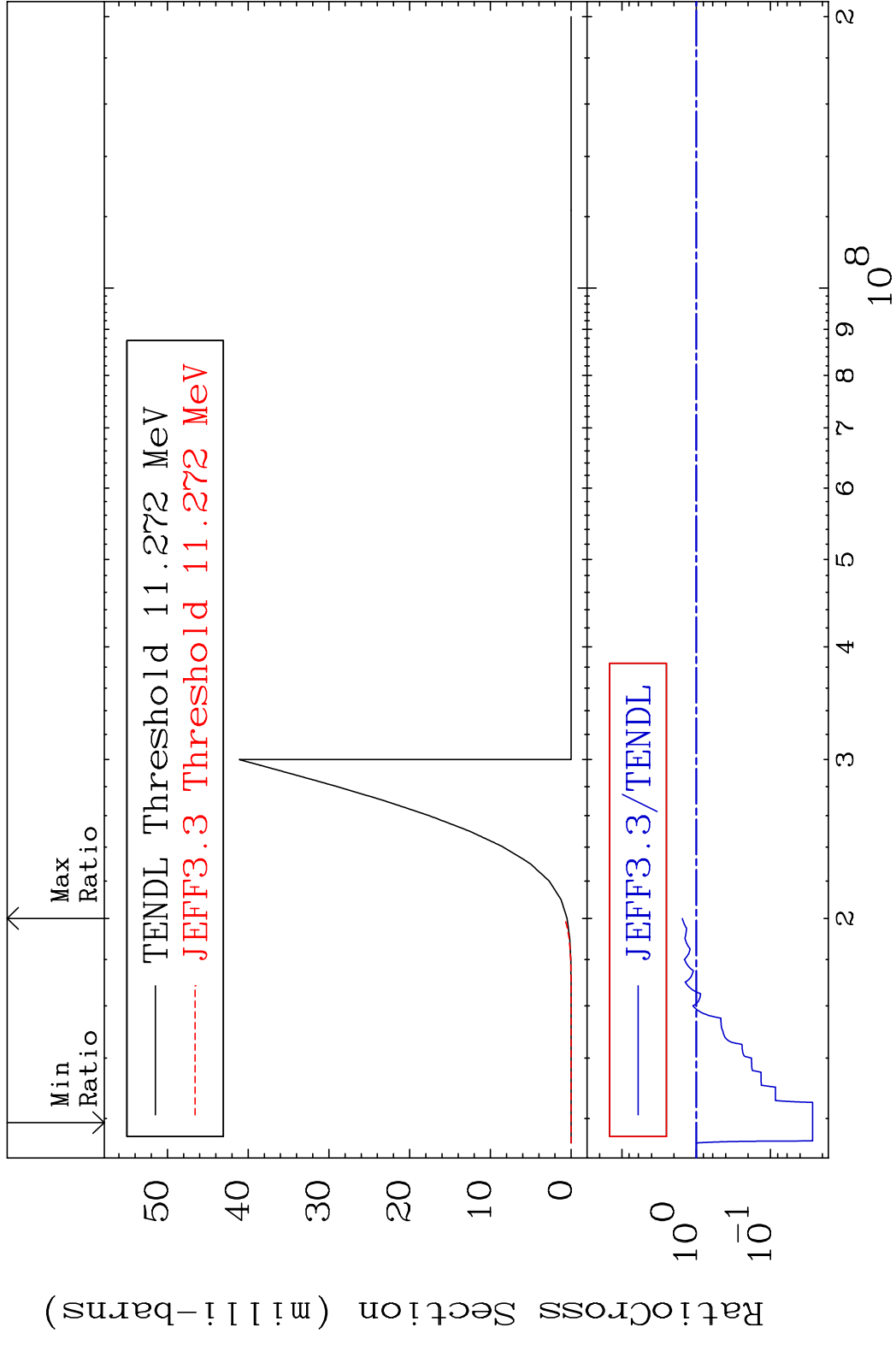


MAT 6328

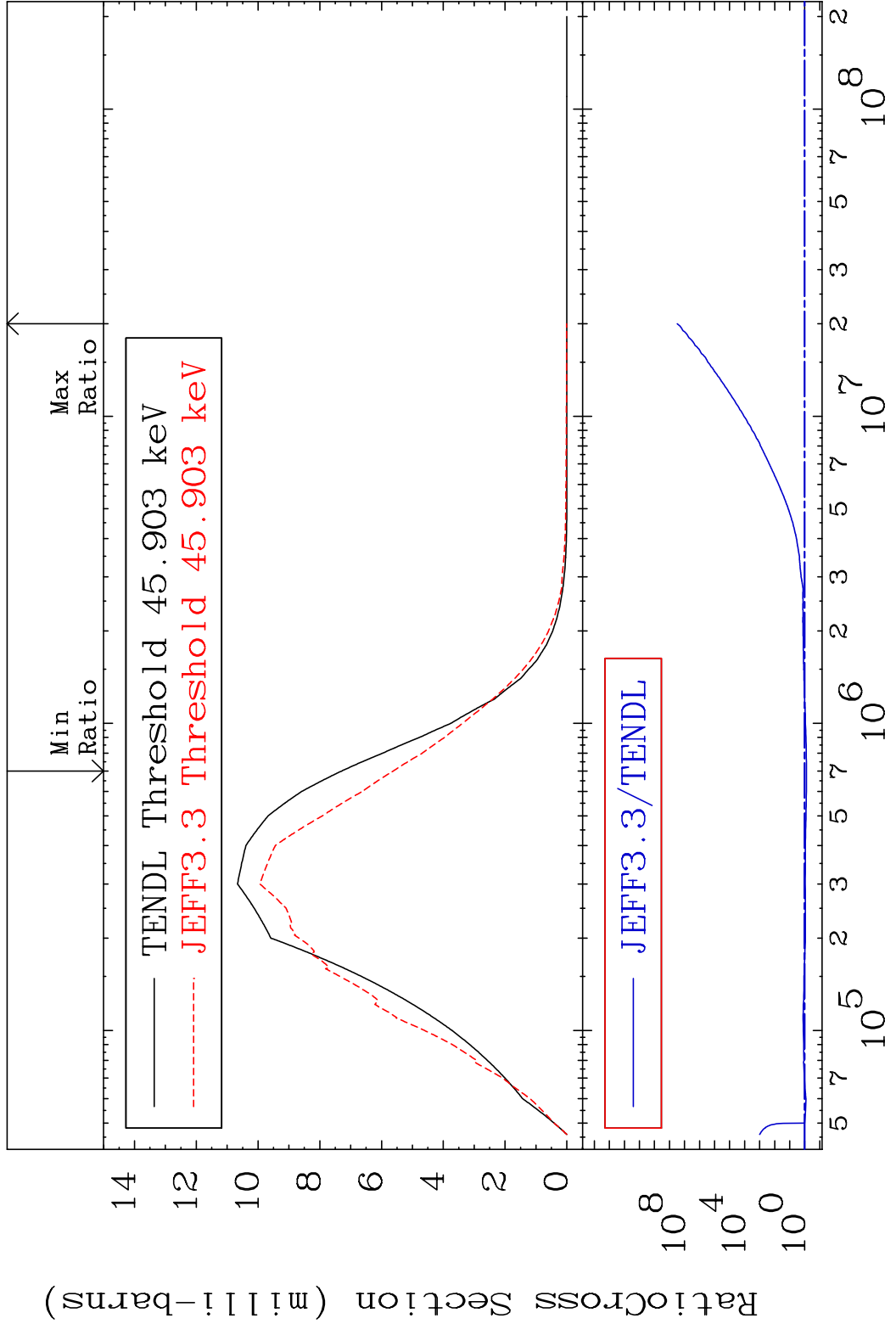
(n,2n) p

63-Eu-152

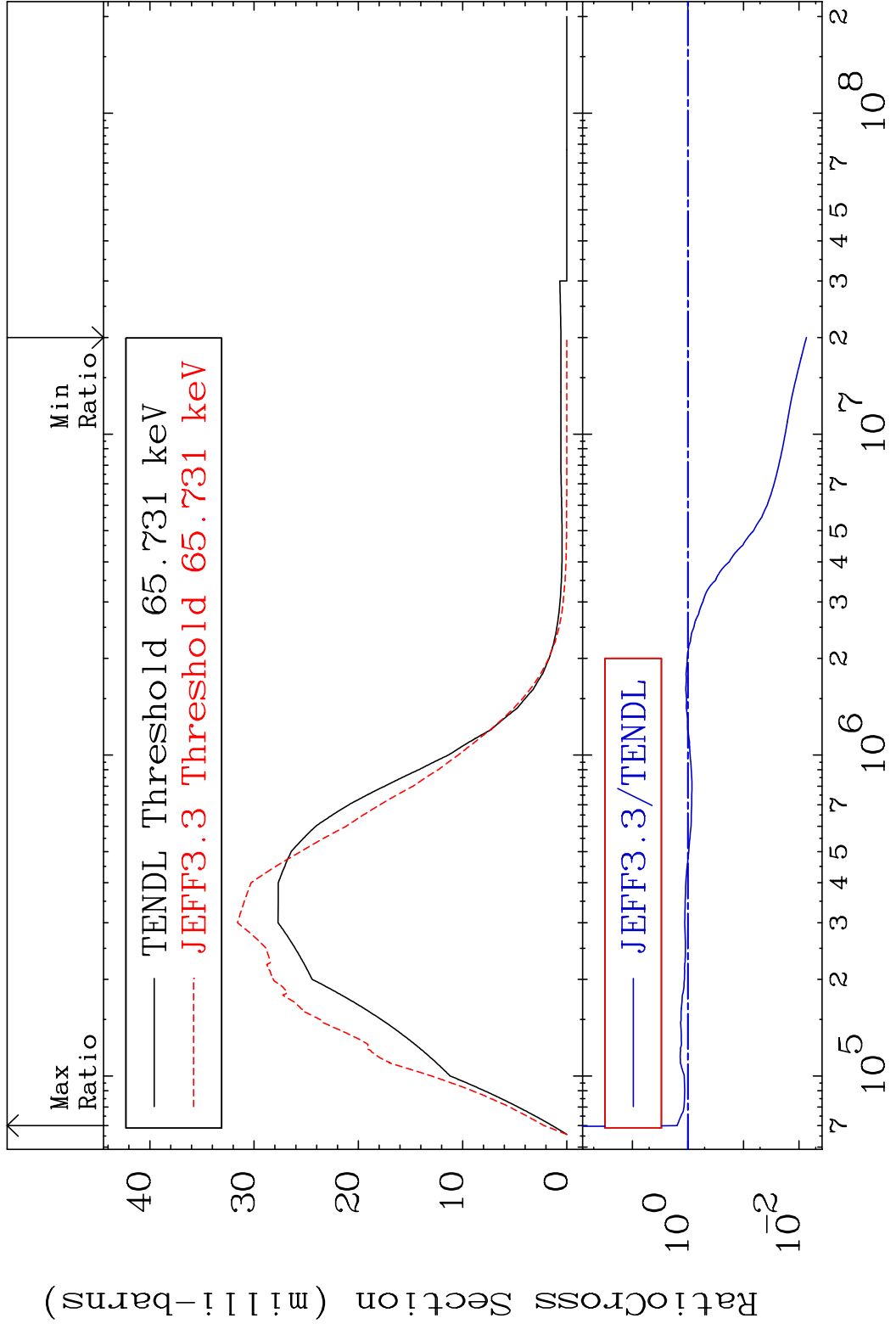
Cross Section -97.28 To 53.70 %



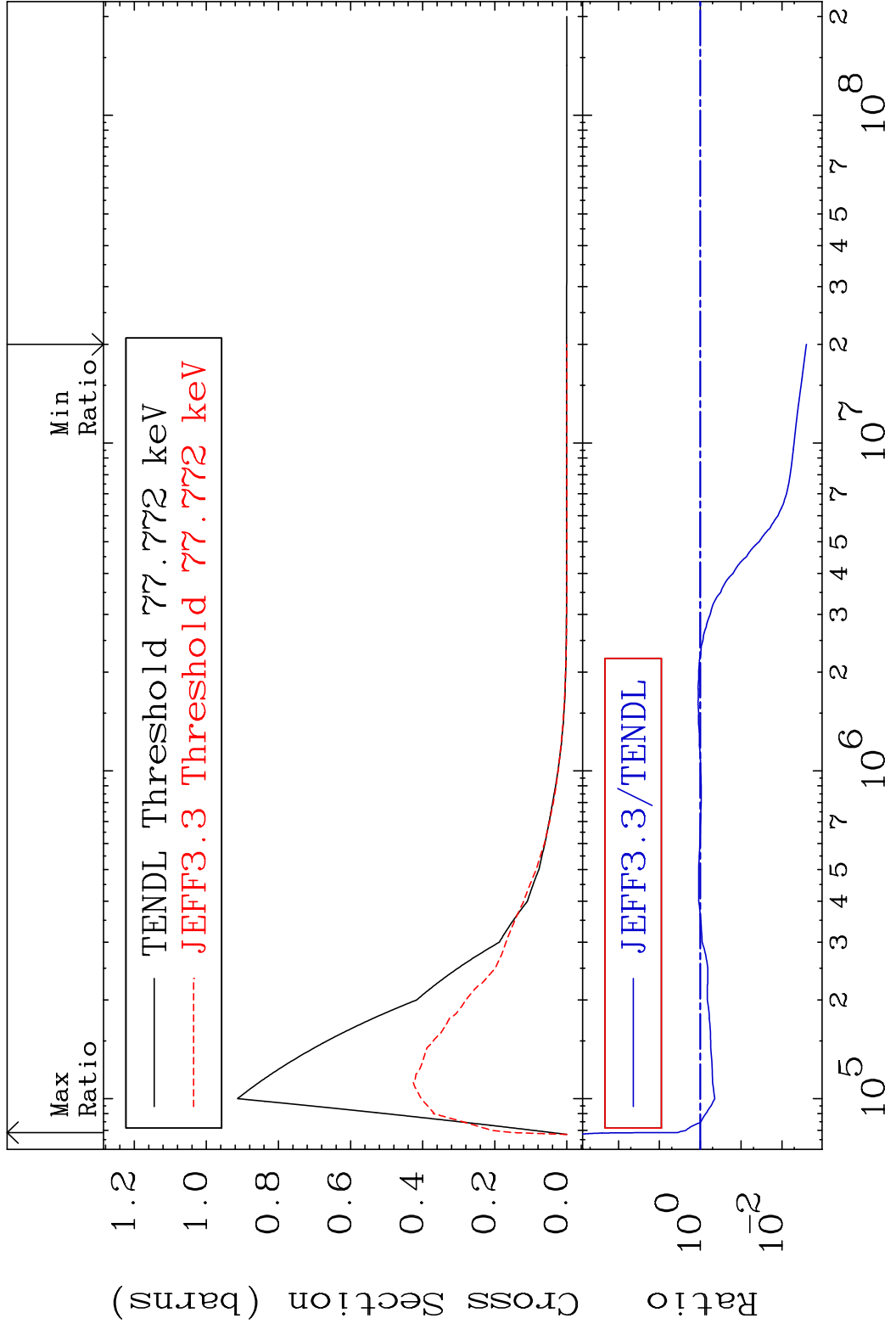
MAT 6328 MT= 51 (n,n') Level 63-Eu-152
 Cross Section -22.85 To 9999. %



MAT 6328 MT= 52 (n,n') Level 63-Eu-152
 Cross Section -99.27 To 56.05 %

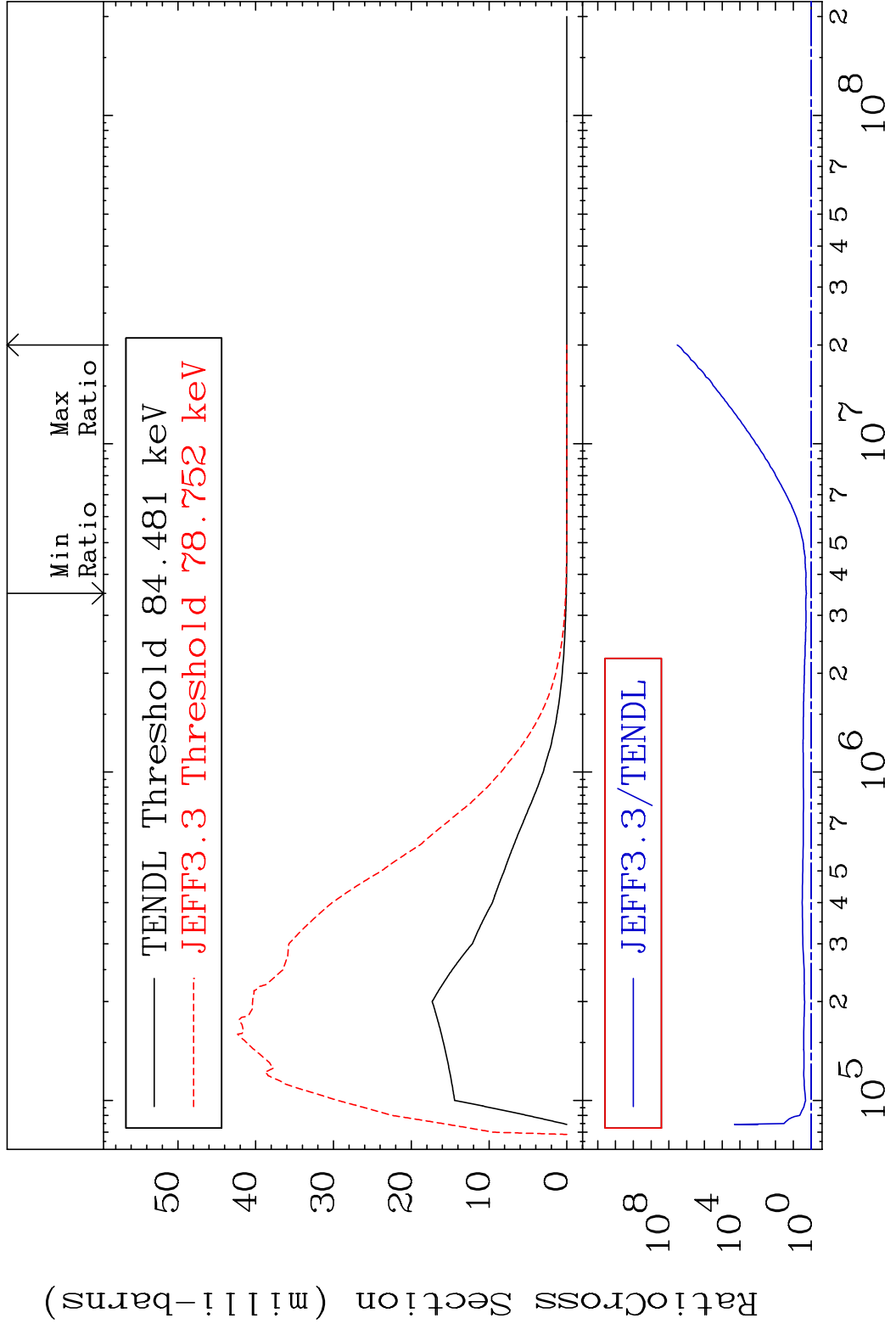


MAT 6328 MT= 53 (n,n') Level 63-Eu-152
 Cross Section -99.75 To 267.9 %

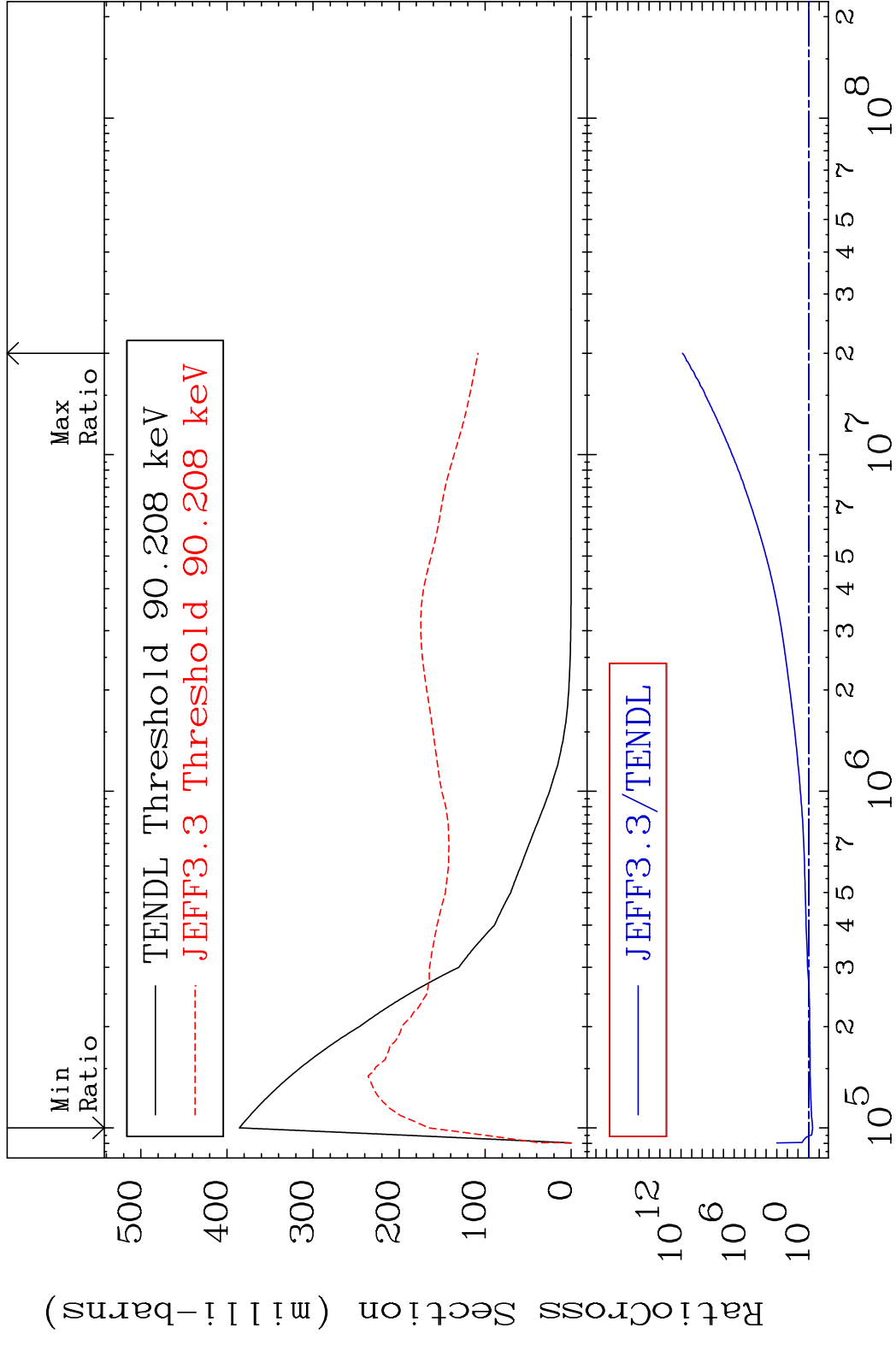


14 Incident Energy (eV) 63-Eu-152

MAT 6328 MT= 54 (n,n') Level 63-Eu-152
 Cross Section 84.12 To 9999. %

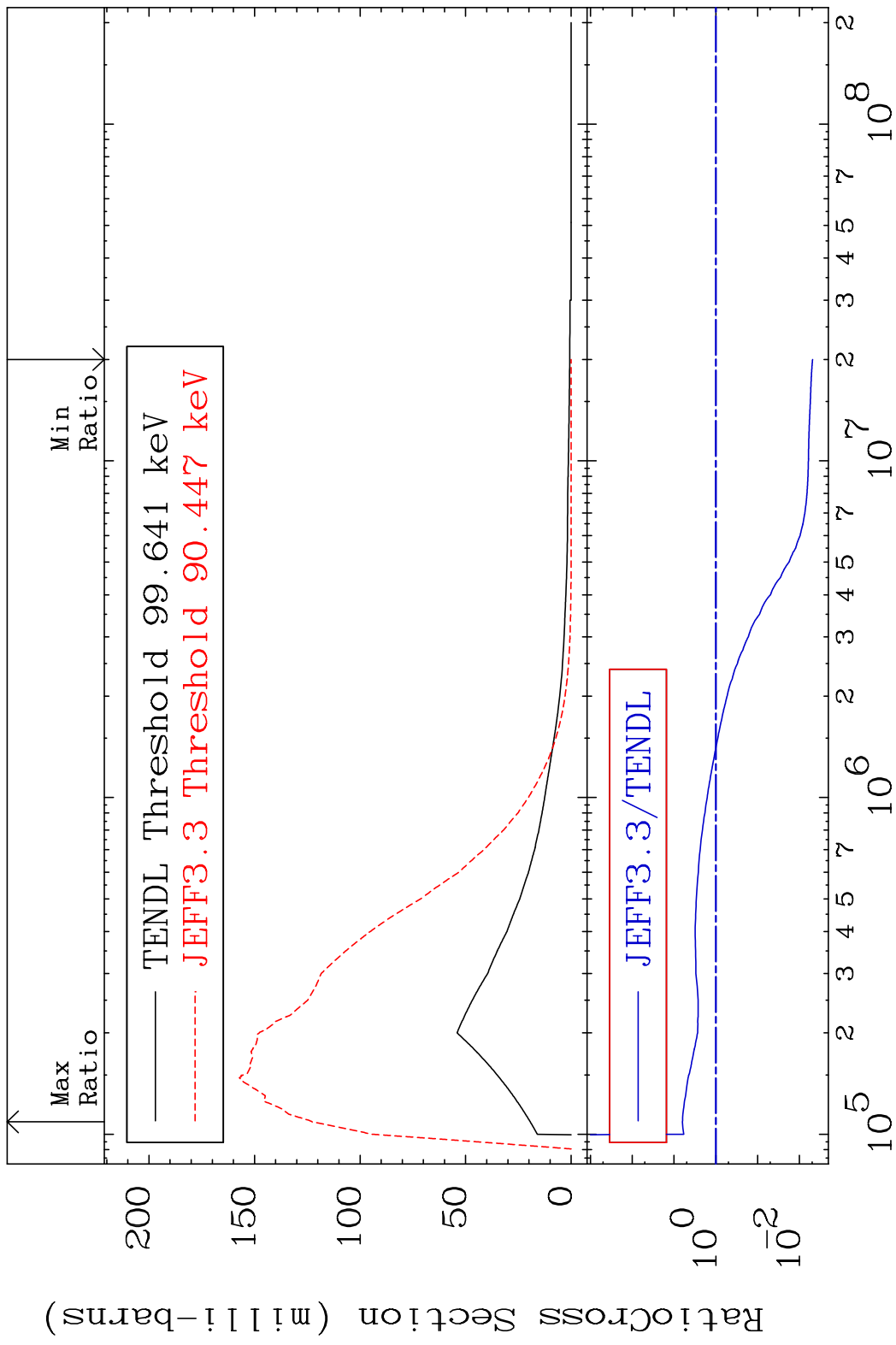


MAT 6328 MT= 55 (n,n') Level 63-Eu-152
 Cross Section -57.06 To 9999. %



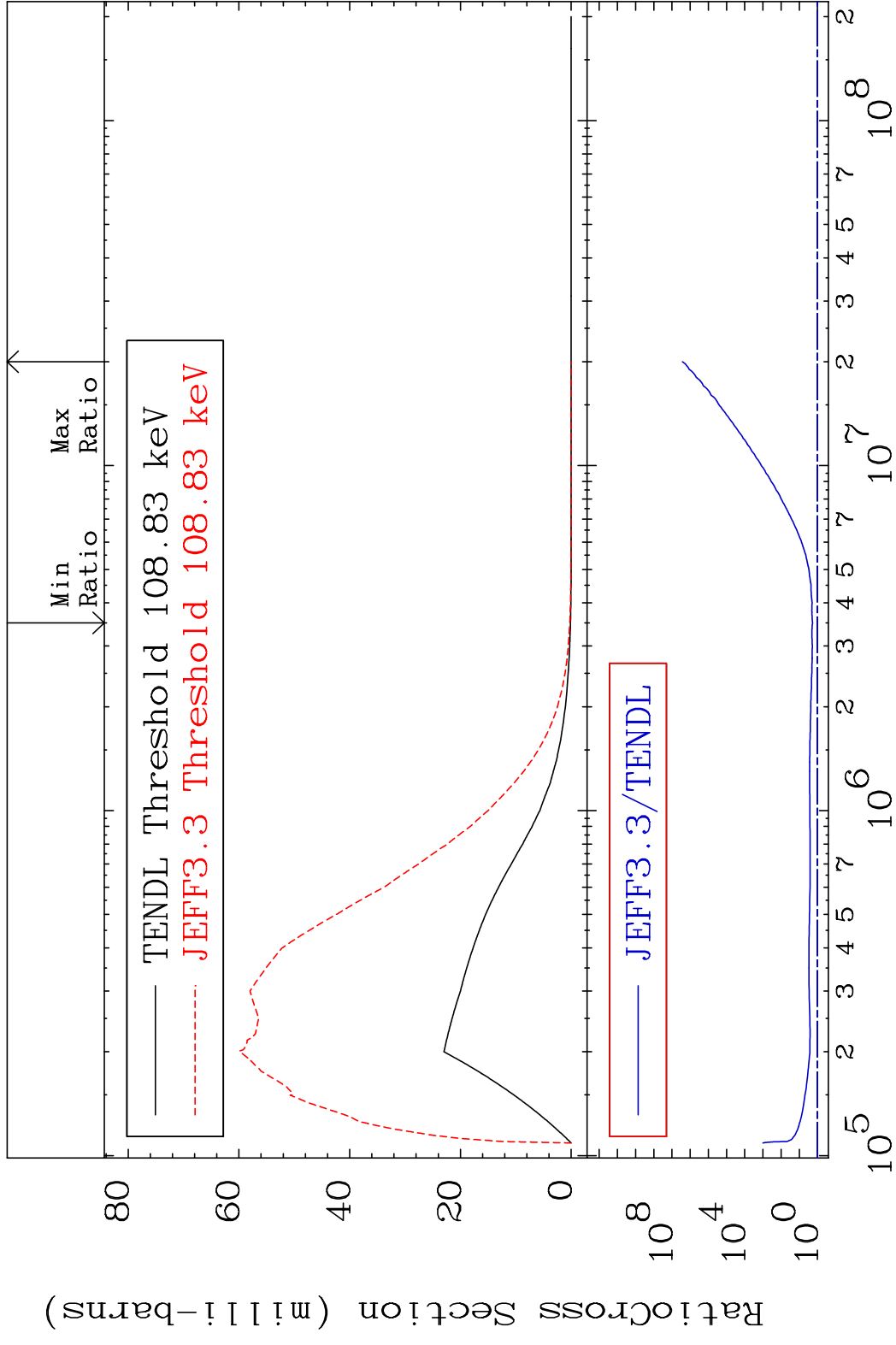
16 Incident Energy (eV) 63-Eu-152

MAT 6328 MT= 56 (n,n') Level 63-Eu-152
 Cross Section -99.51 To 532.4 %



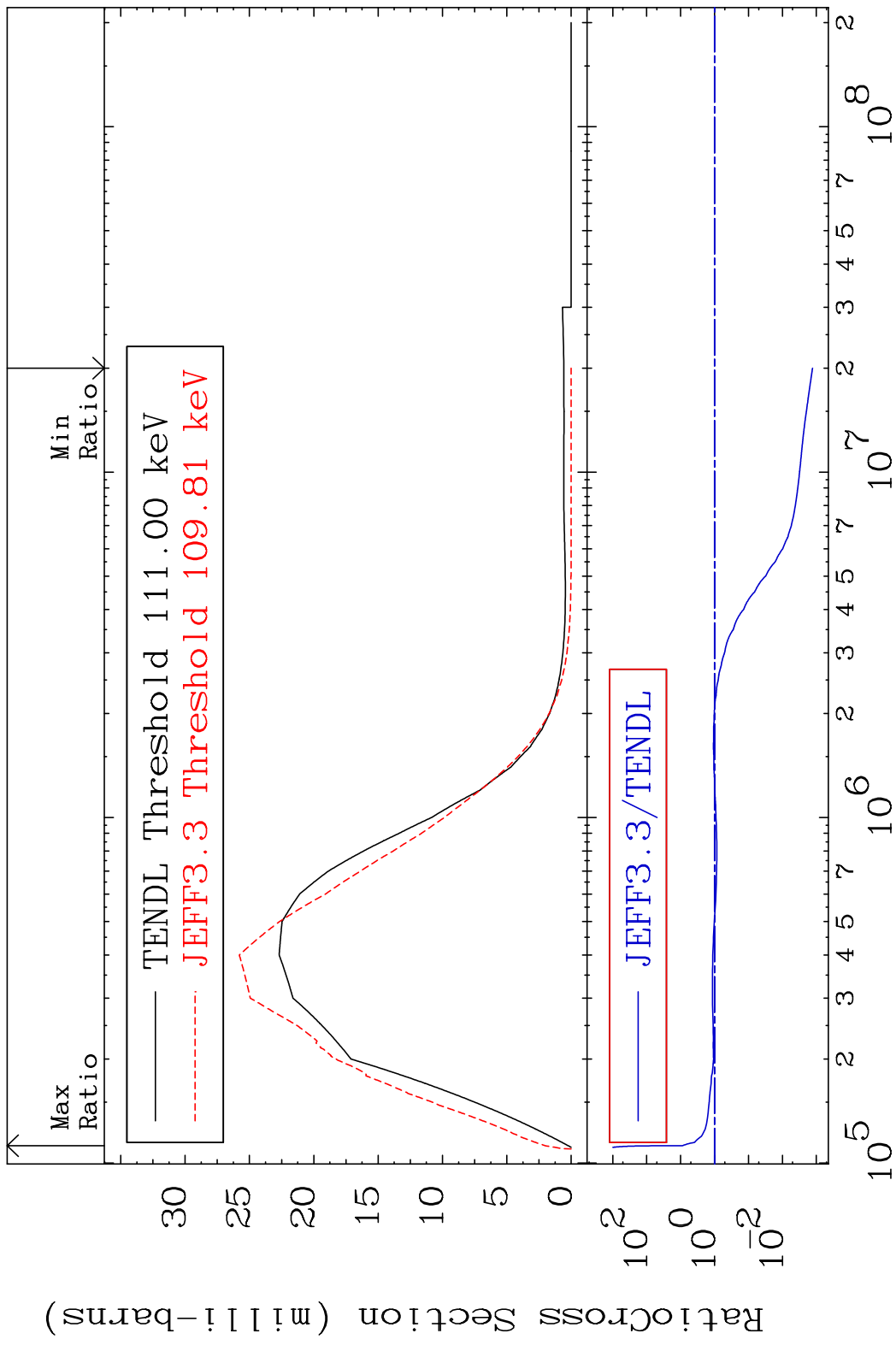
17 Incident Energy (eV) 63-Eu-152

MAT 6328 MT= 57 (n, n') Level 63-Eu-152
 Cross Section 86.53 To 9999. %



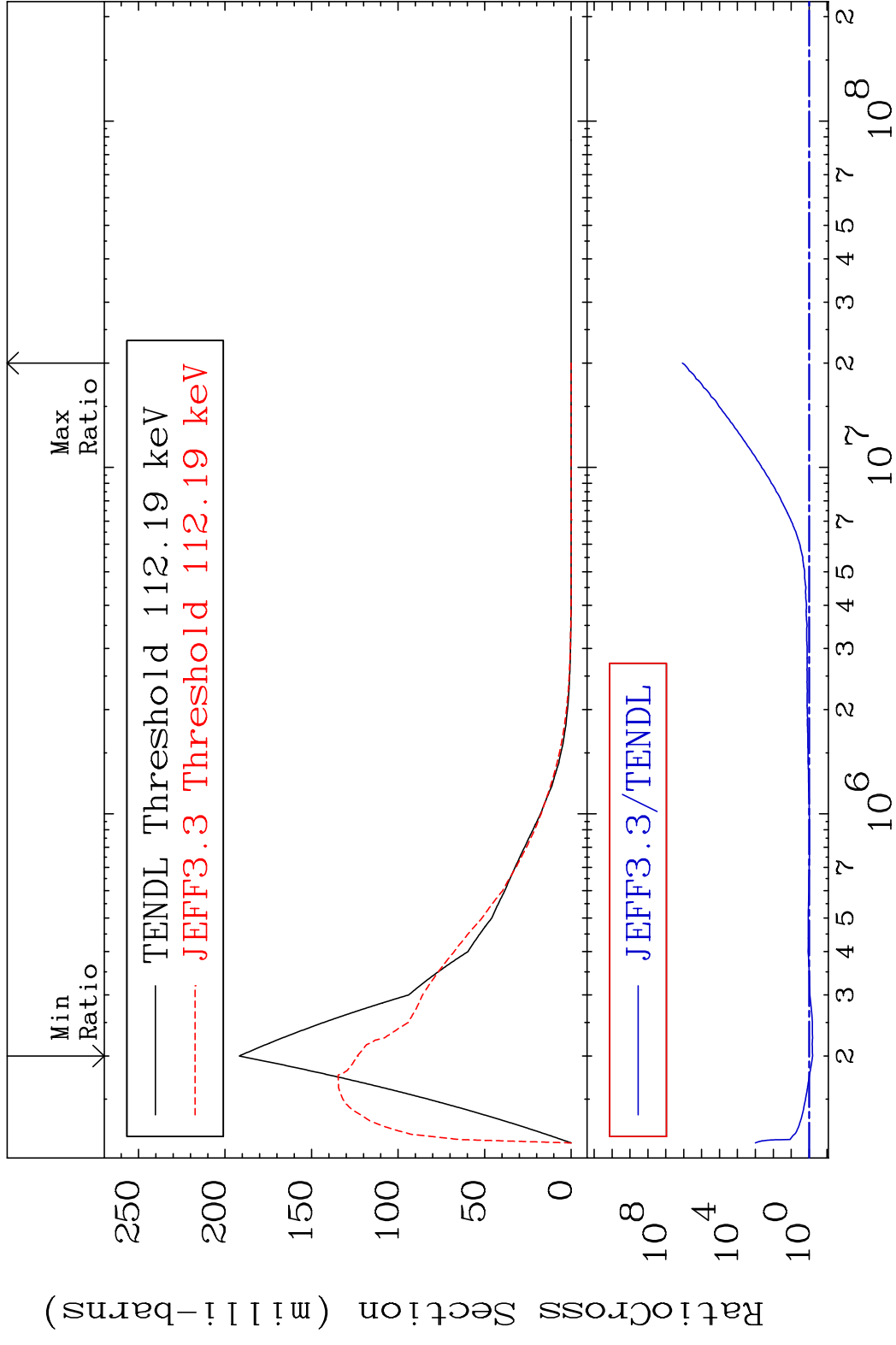
18 Incident Energy (eV) 63-Eu-152

MAT 6328 MT= 58 (n, n') Level 63-Eu-152
 Cross Section -99.87 To 789.1 %

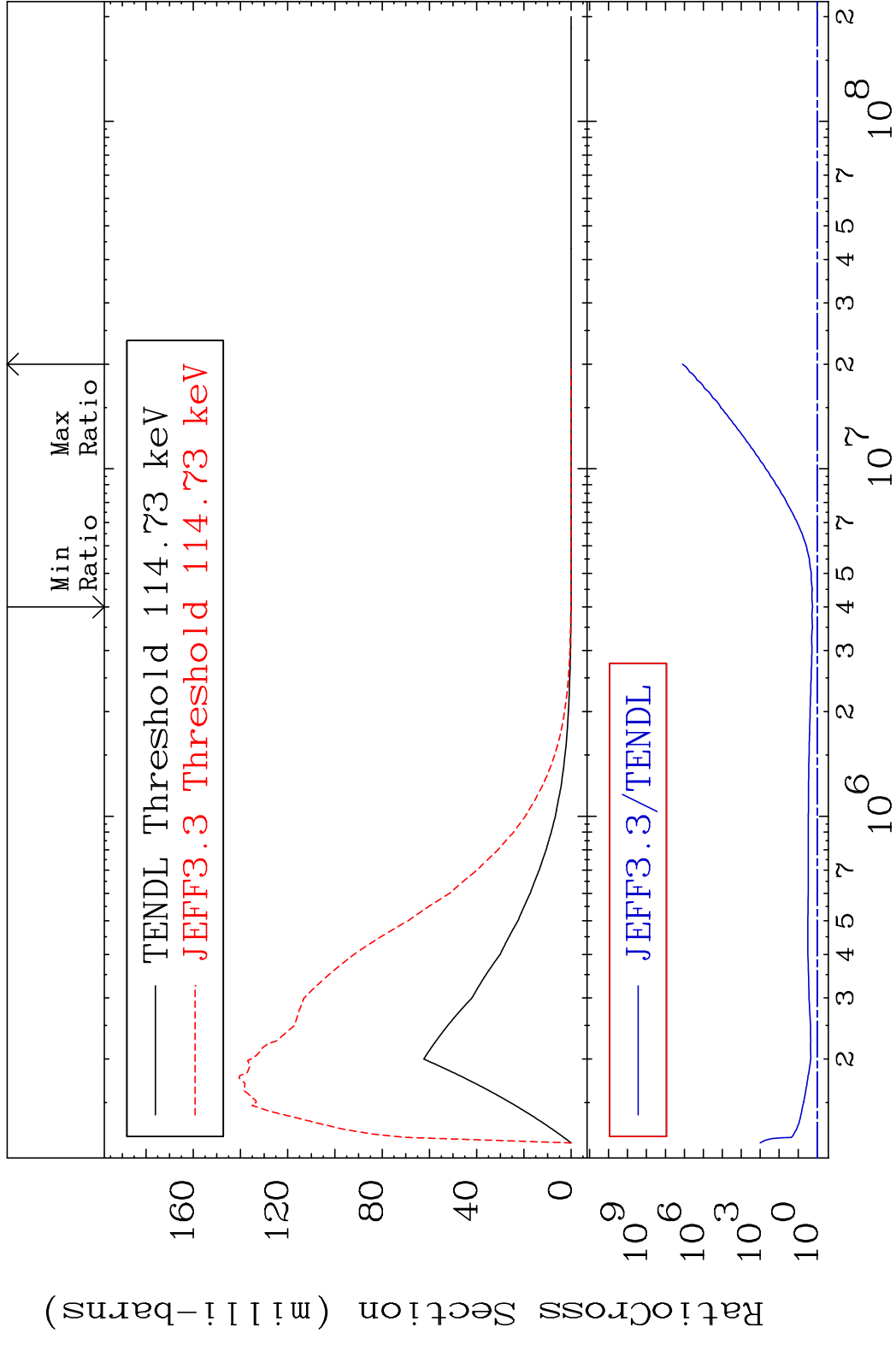


19 Incident Energy (eV) 63-Eu-152

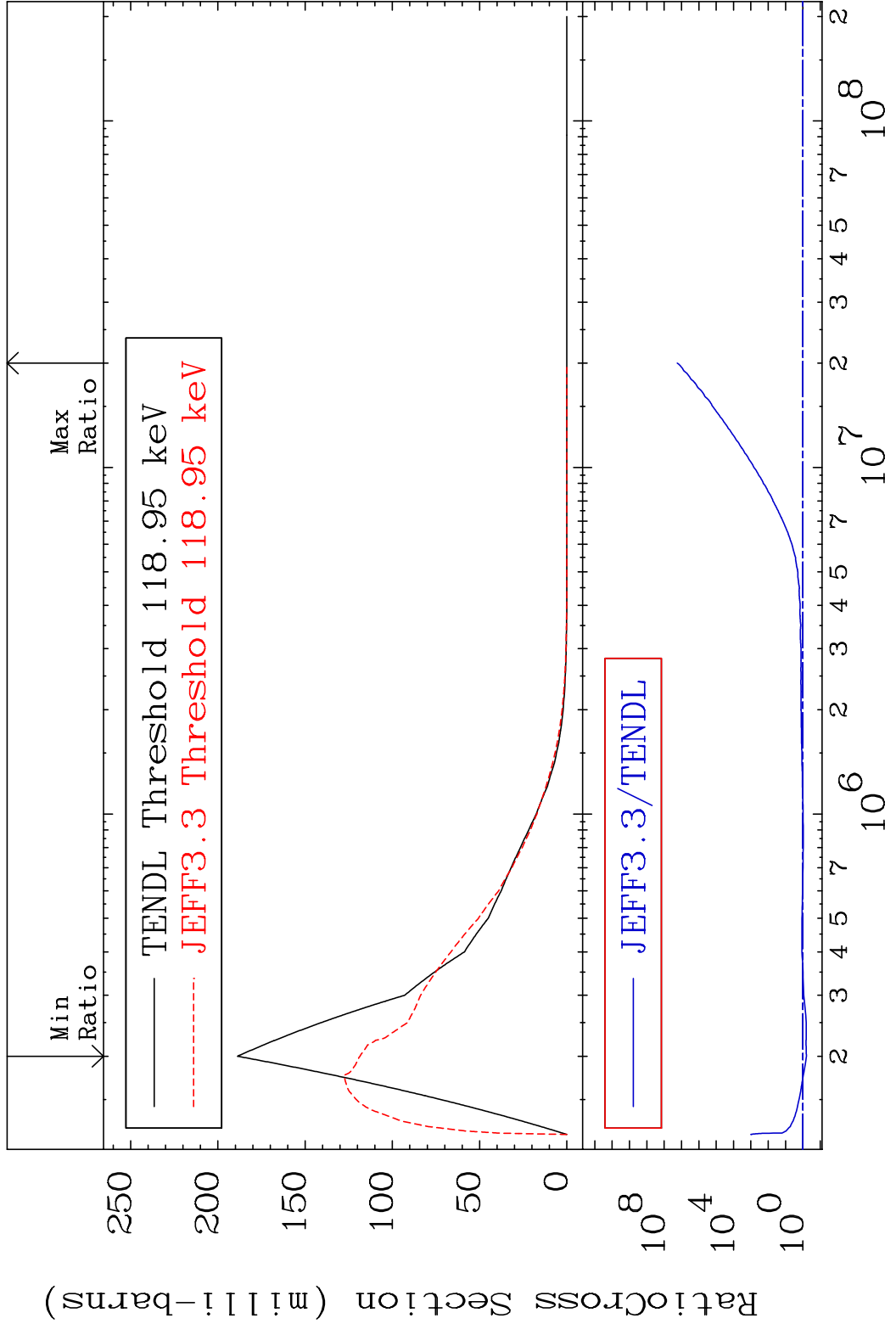
MAT 6328 MT= 59 (n,n') Level 63-Eu-152
 Cross Section -35.61 To 9999. %



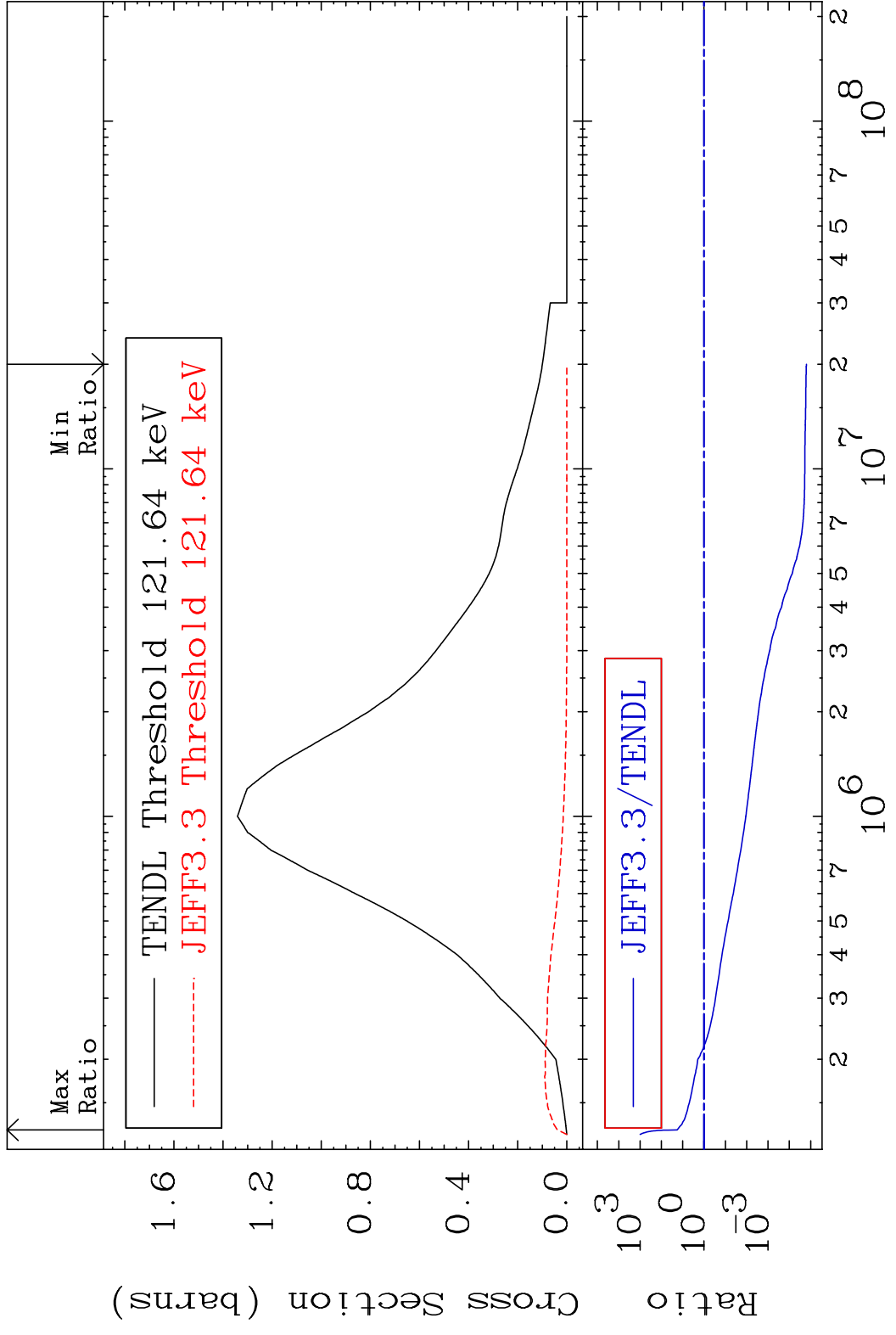
MAT 6328 MT= 60 (n, n') Level 63-Eu-152
 Cross Section 73.74 To 9999. %



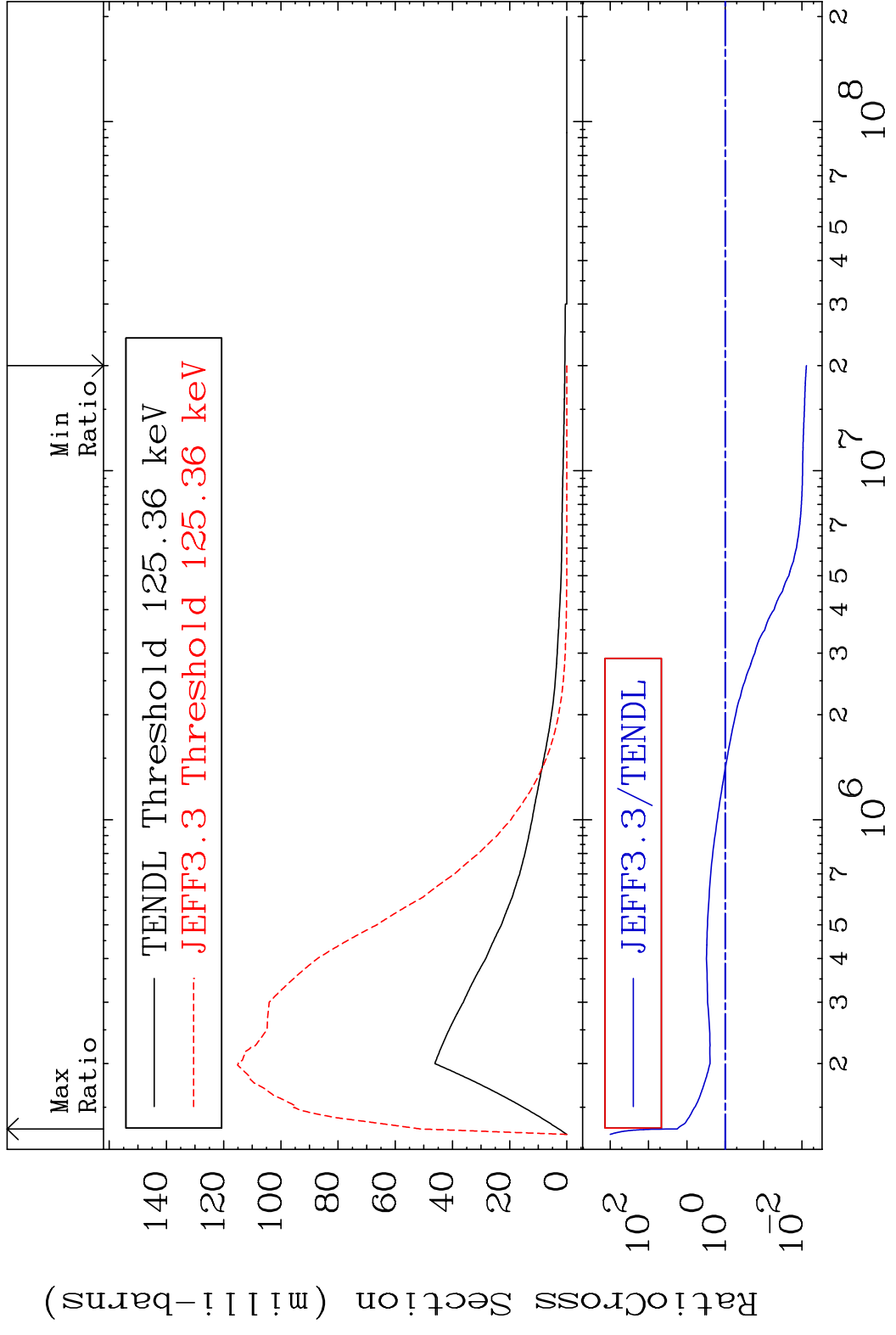
MAT 6328 MT= 61 (n, n') Level 63-Eu-152
 Cross Section -37.17 To 9999. %



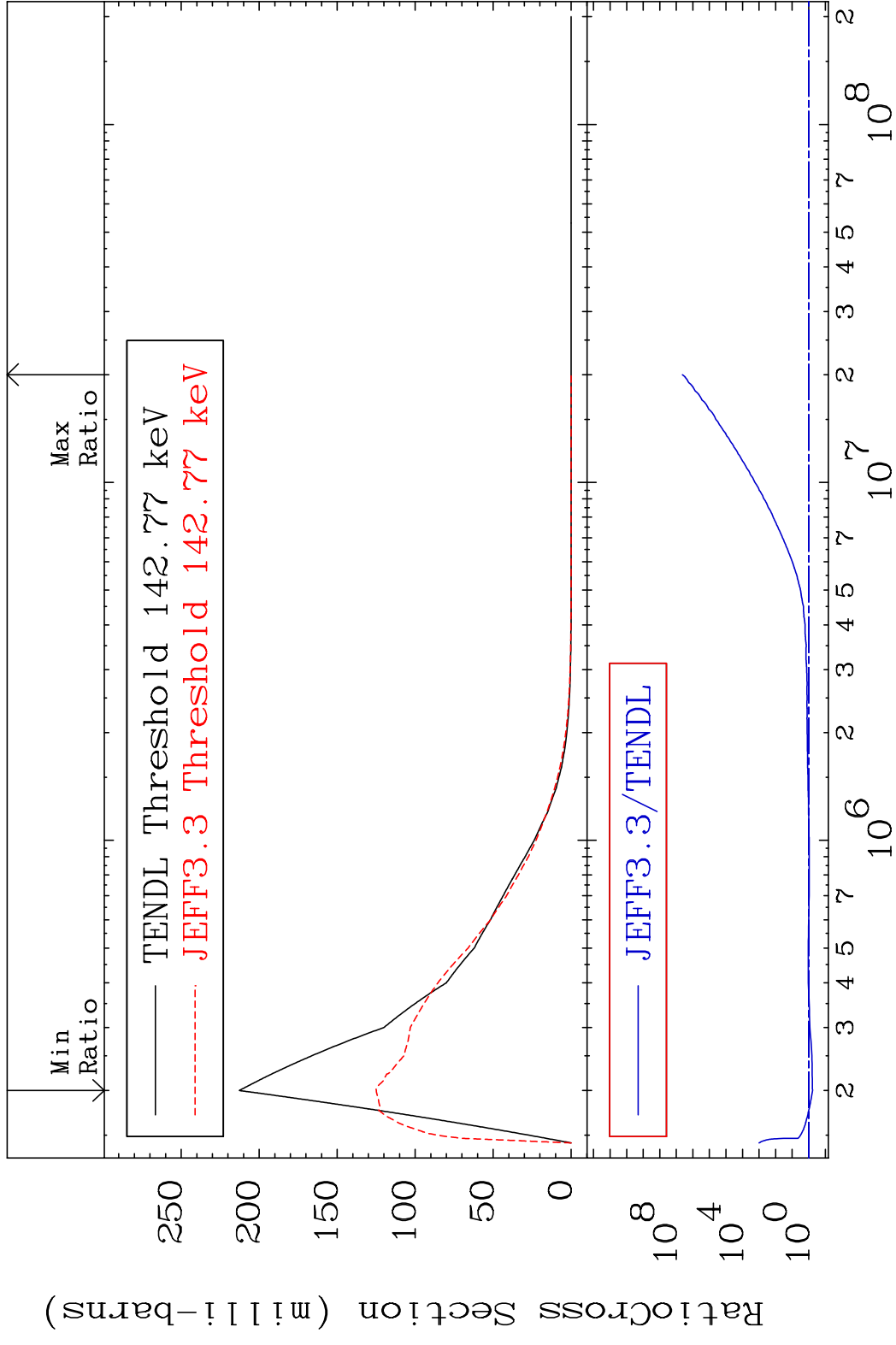
MAT 6328 MT= 62 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 1715. %



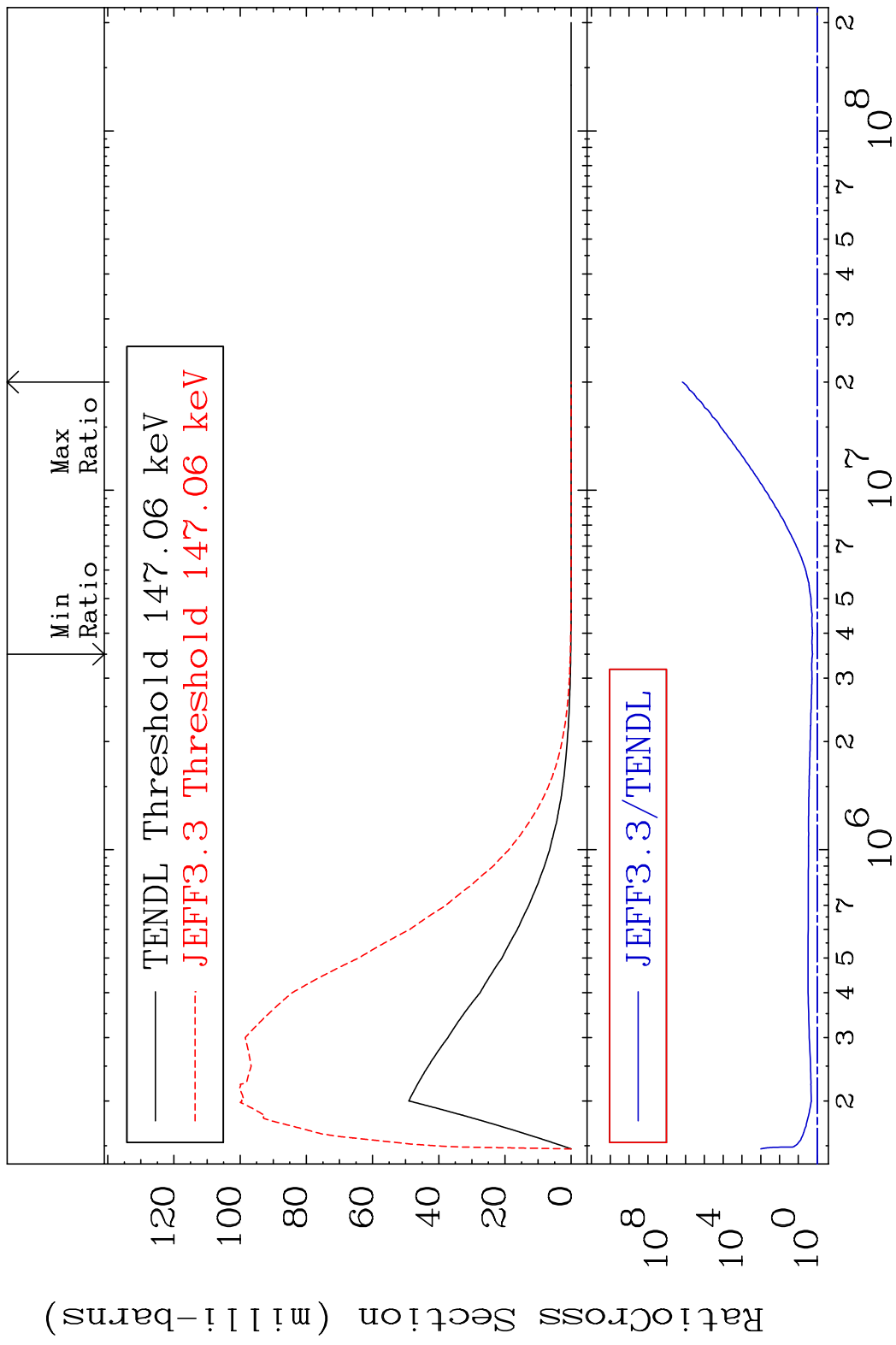
MAT 6328 MT= 63 (n,n') Level 63-Eu-152
 Cross Section -99.23 To 1689. %



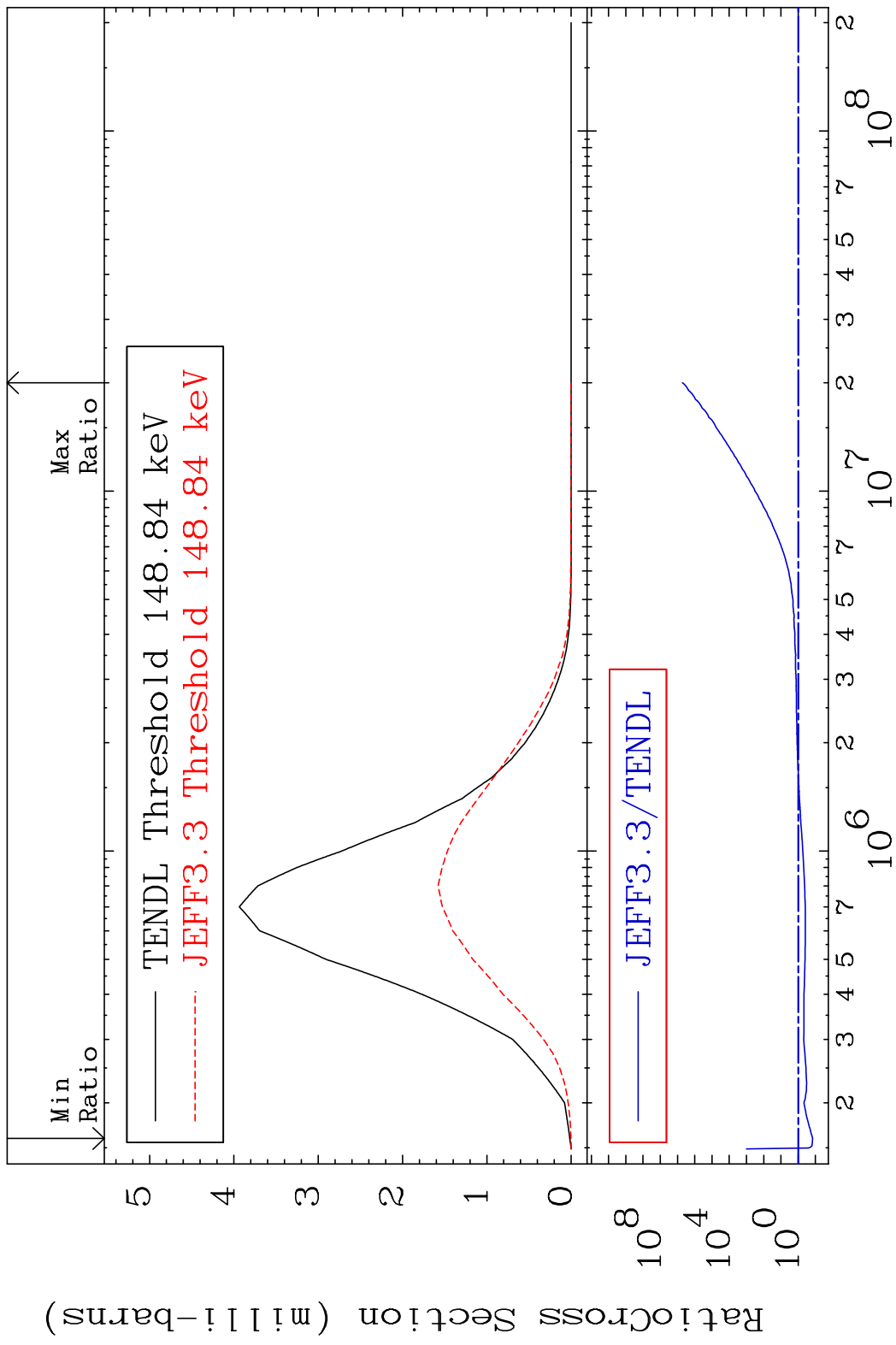
MAT 6328 MT= 64 (n,n') Level 63-Eu-152
 Cross Section -41.27 To 9999. %



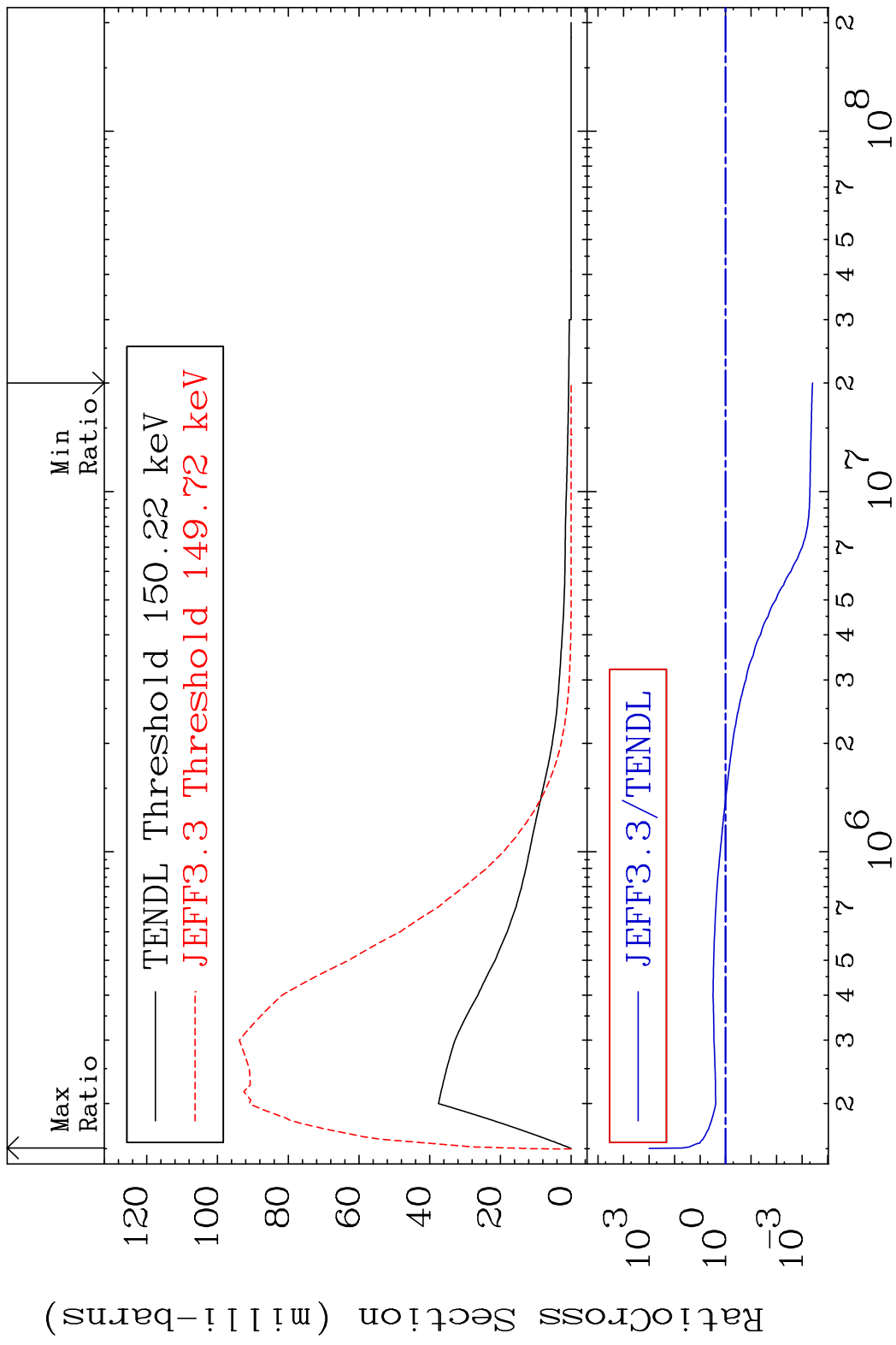
MAT 6328 MT= 65 (n,n') Level 63-Eu-152
 Cross Section 75.31 To 9999. %



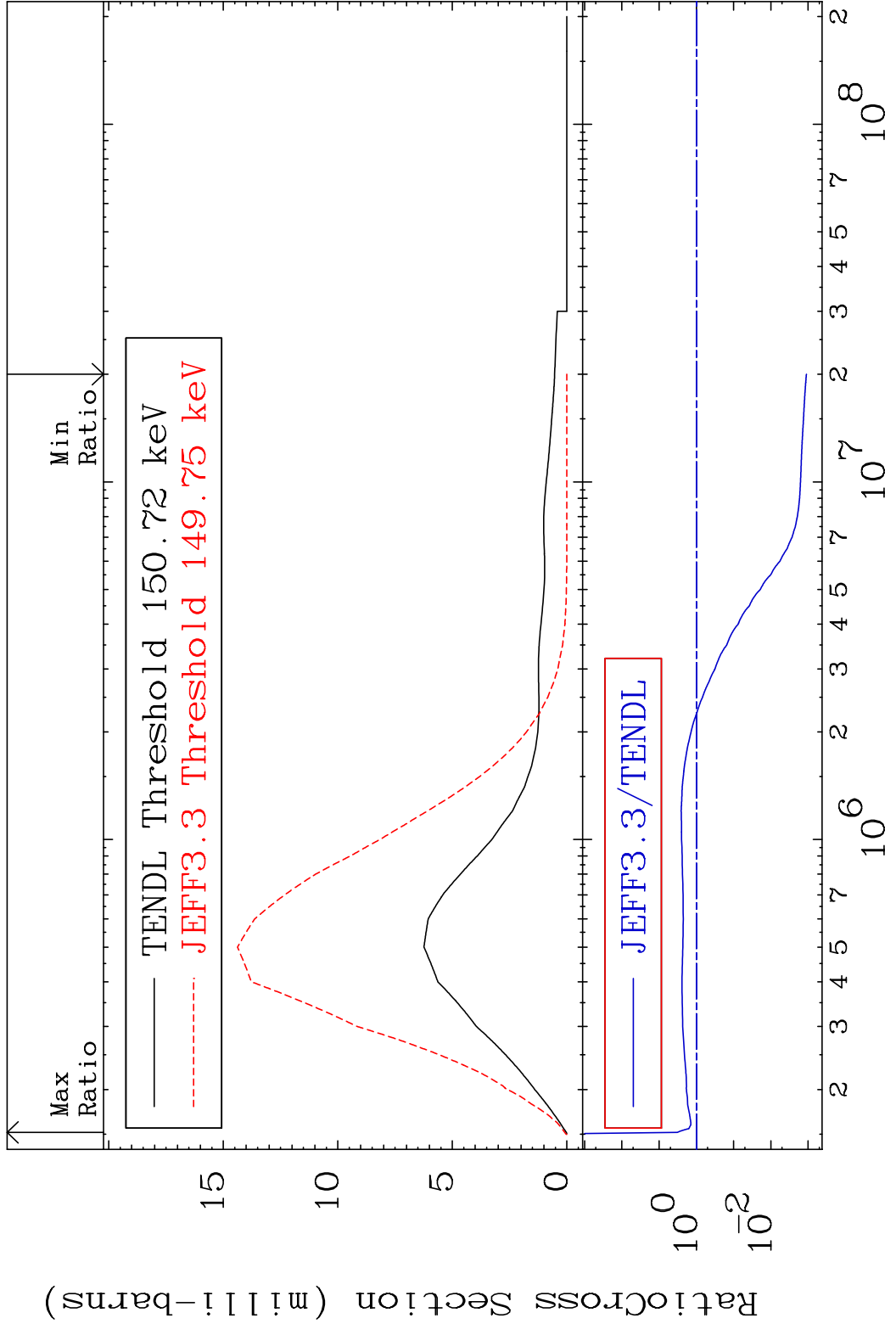
MAT 6328 MT= 66 (n,n') Level 63-Eu-152
 Cross Section -85.35 To 9999. %



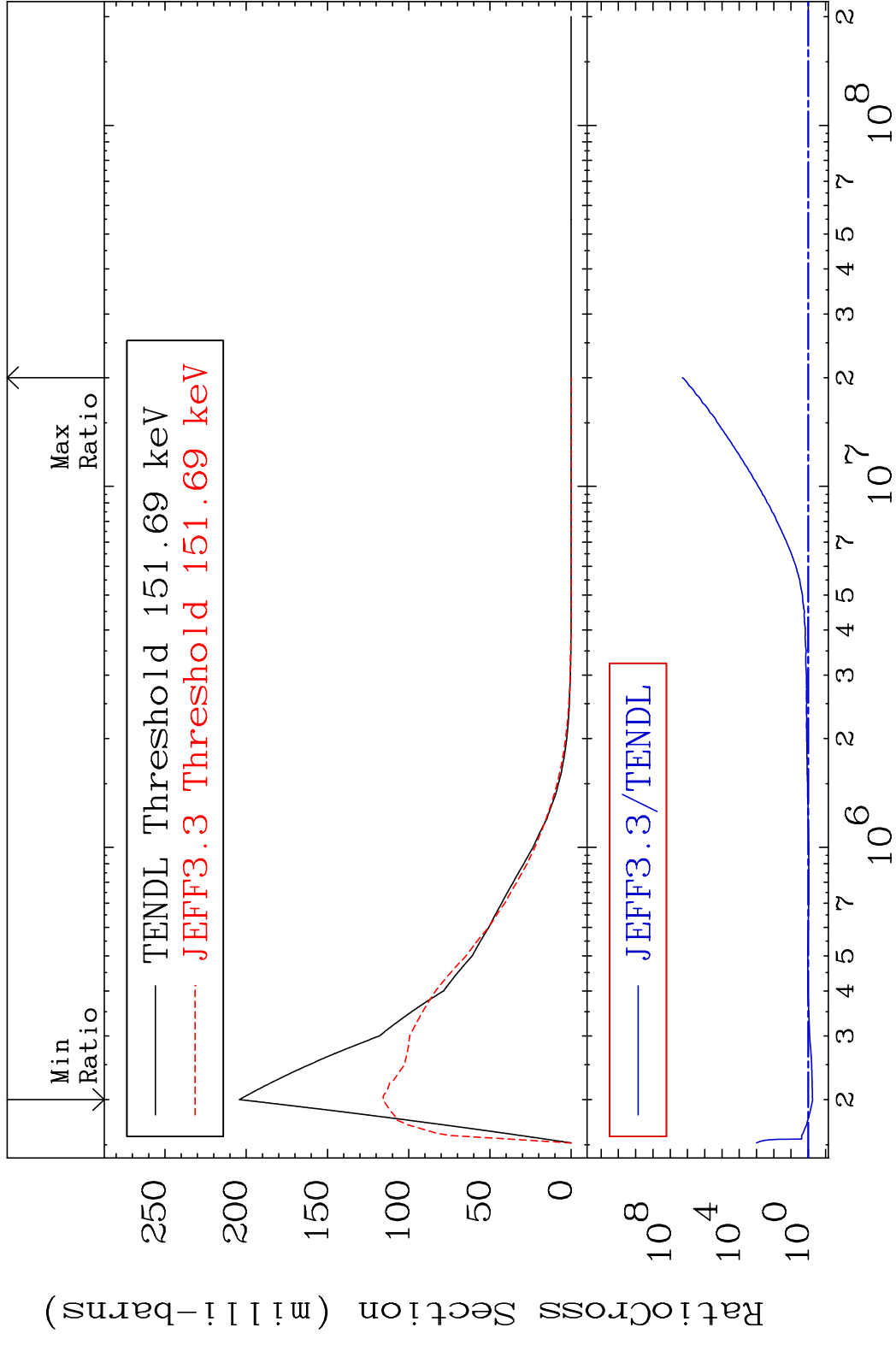
MAT 6328 MT= 67 (n,n') Level 63-Eu-152
 Cross Section -99.96 To 4843. %



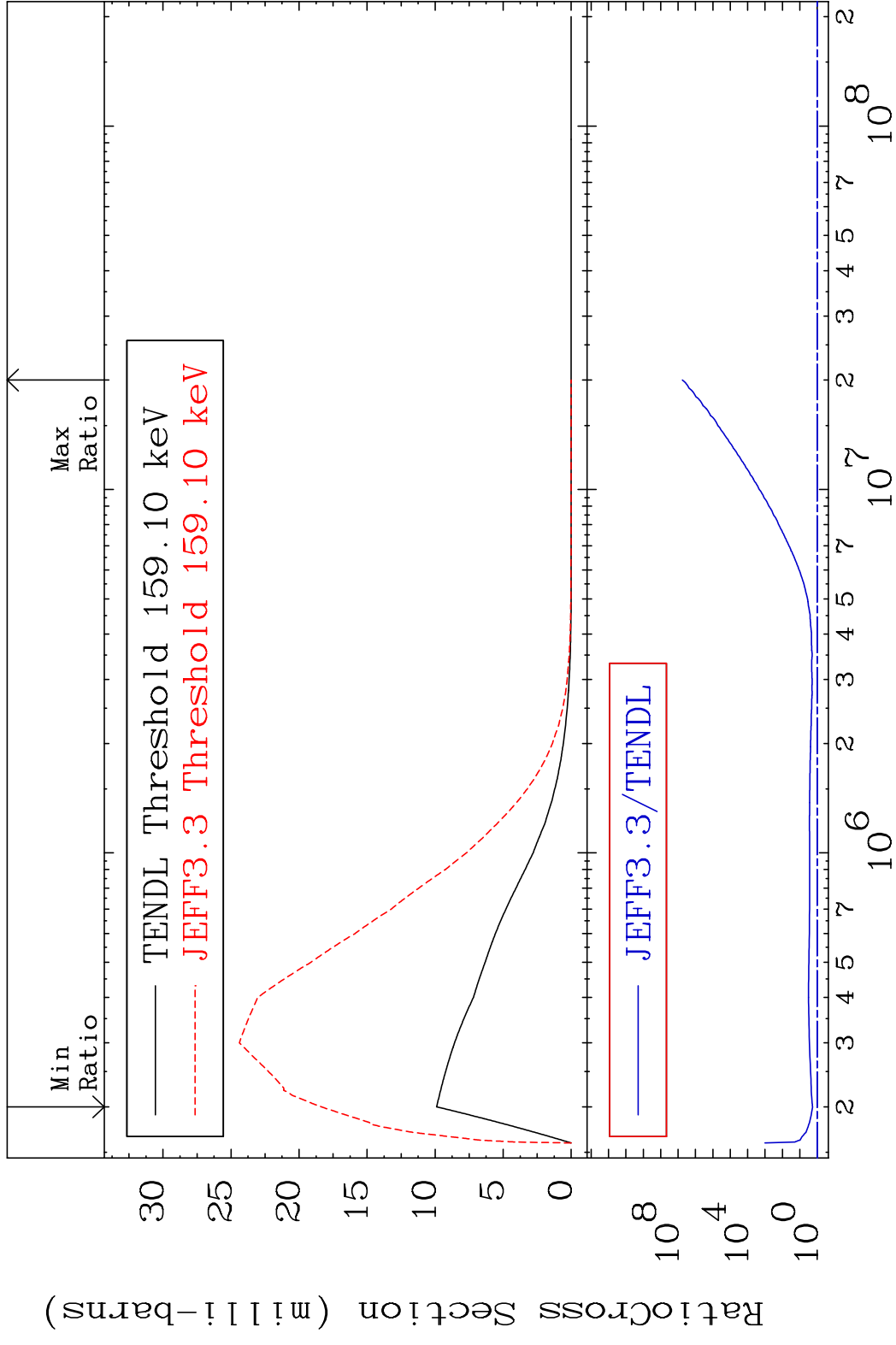
MAT 6328 MT= 68 (n, n') Level 63-Eu-152
 Cross Section -99.89 To 227.4 %



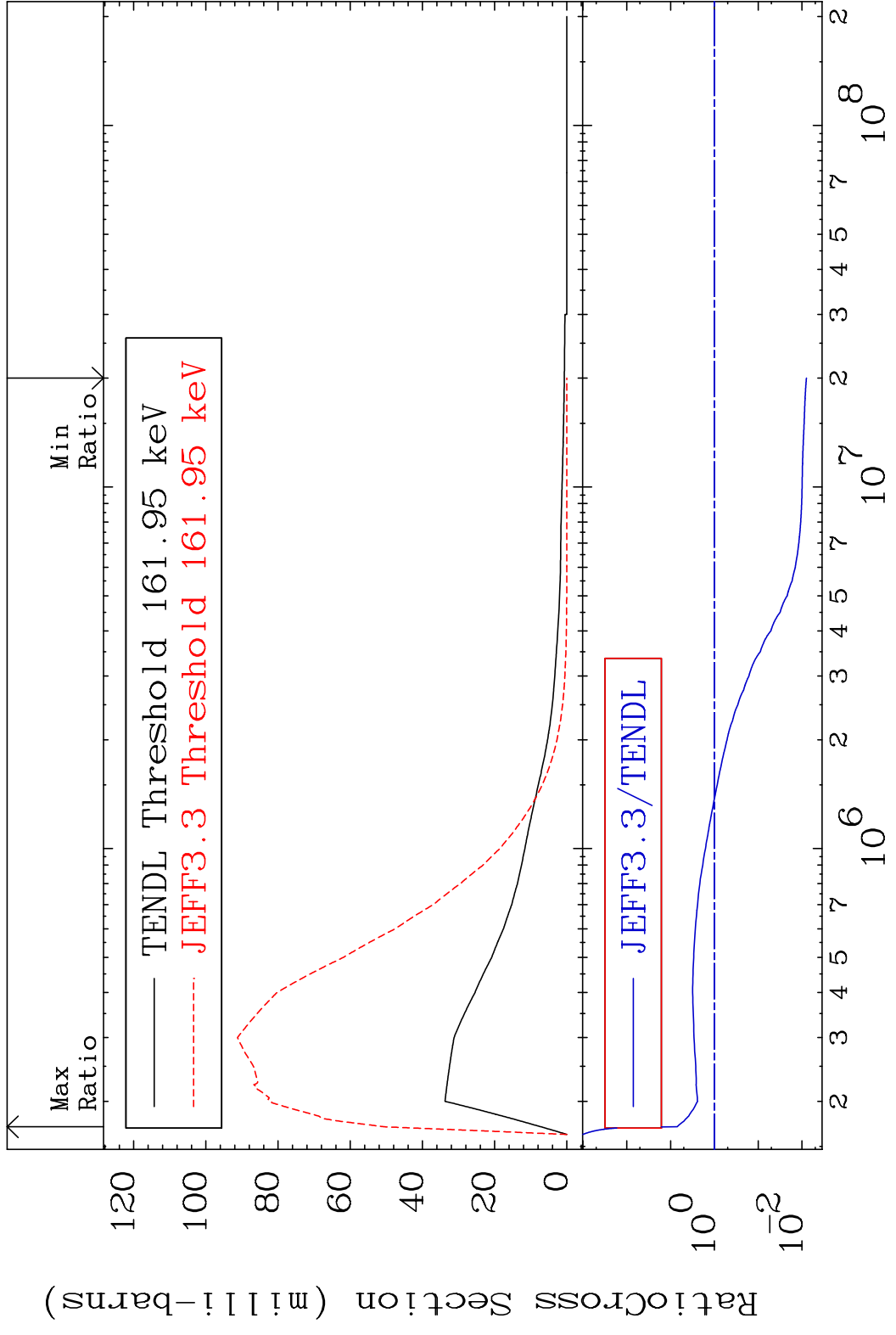
MAT 6328 MT= 69 (n,n') Level 63-Eu-152
 Cross Section -43.48 To 9999. %



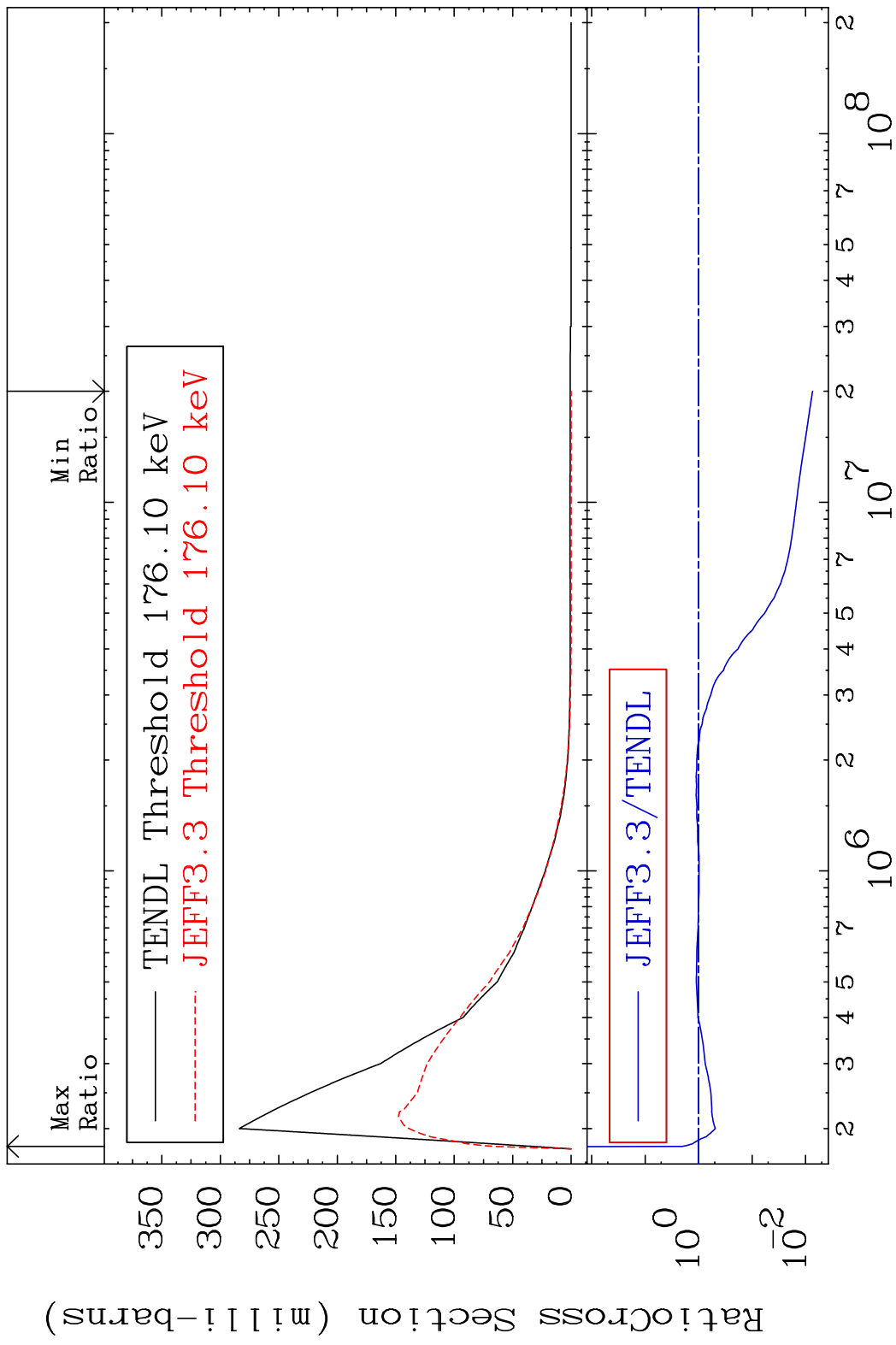
MAT 6328 MT= 70 (n,n') Level 63-Eu-152
 Cross Section 85.68 To 9999. %



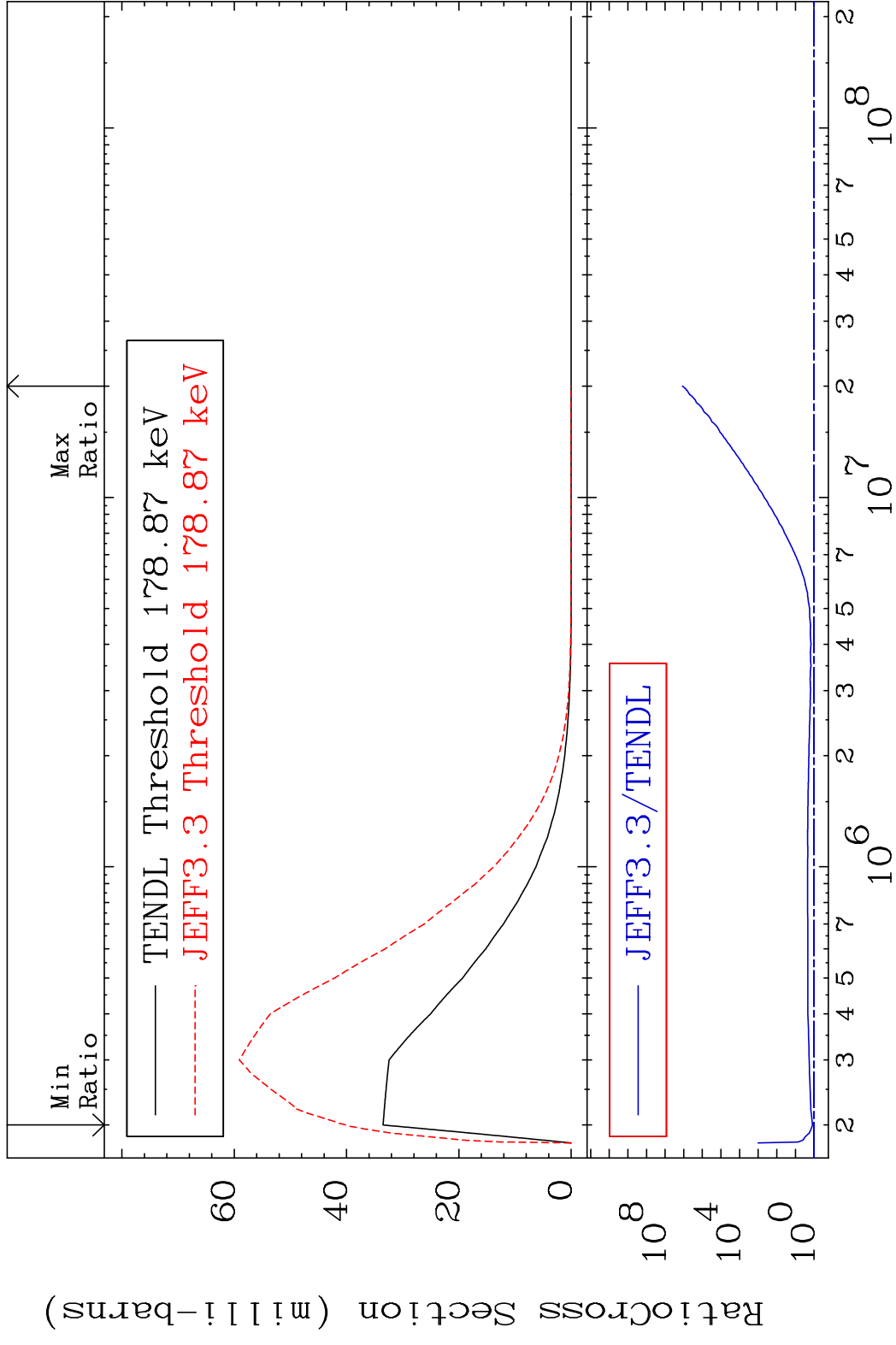
MAT 6328 MT= 71 (n, n') Level 63-Eu-152
 Cross Section -99.20 To 606.2 %



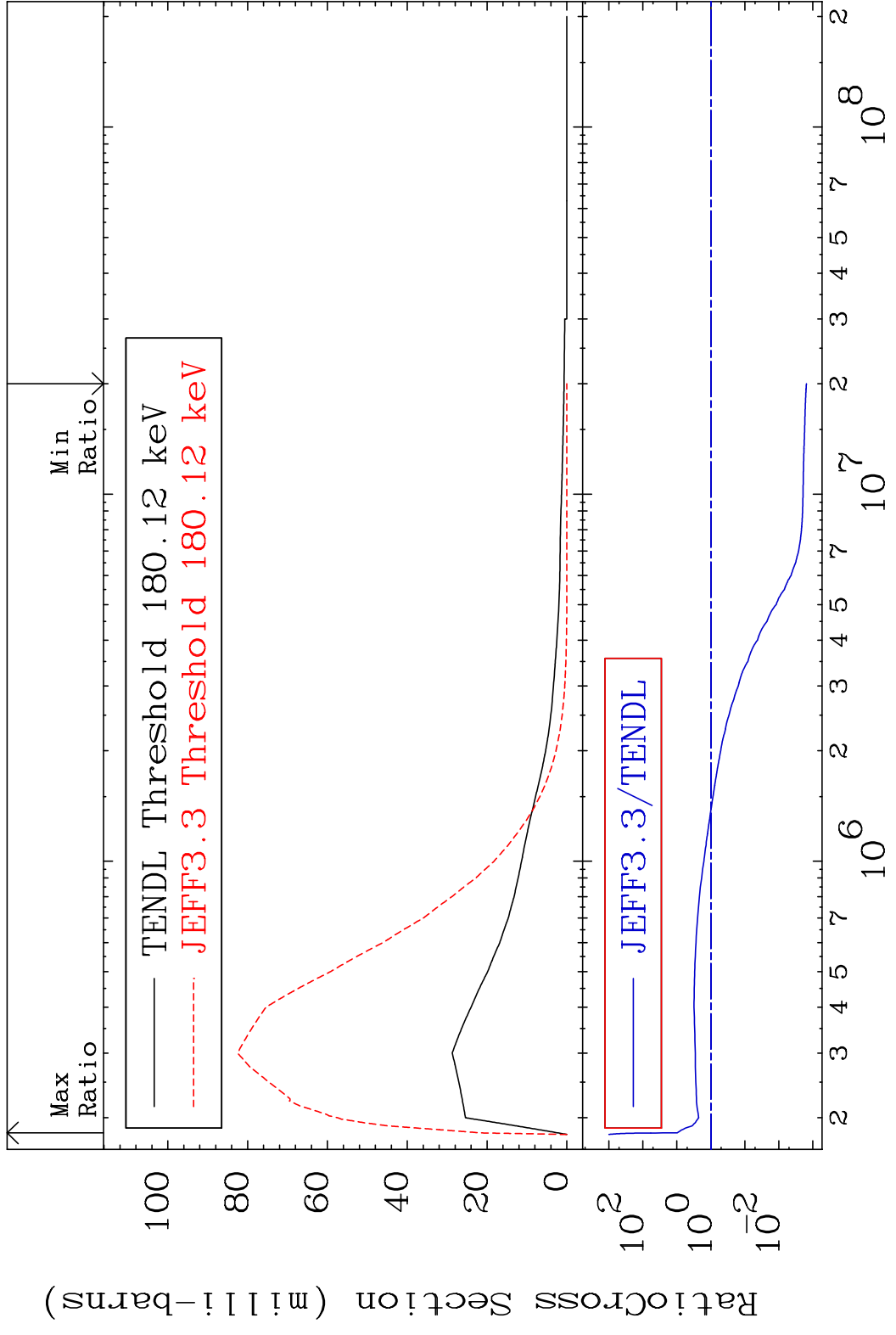
MAT 6328 MT= 72 (n, n') Level 63-Eu-152
 Cross Section -99.26 To 101.6 %



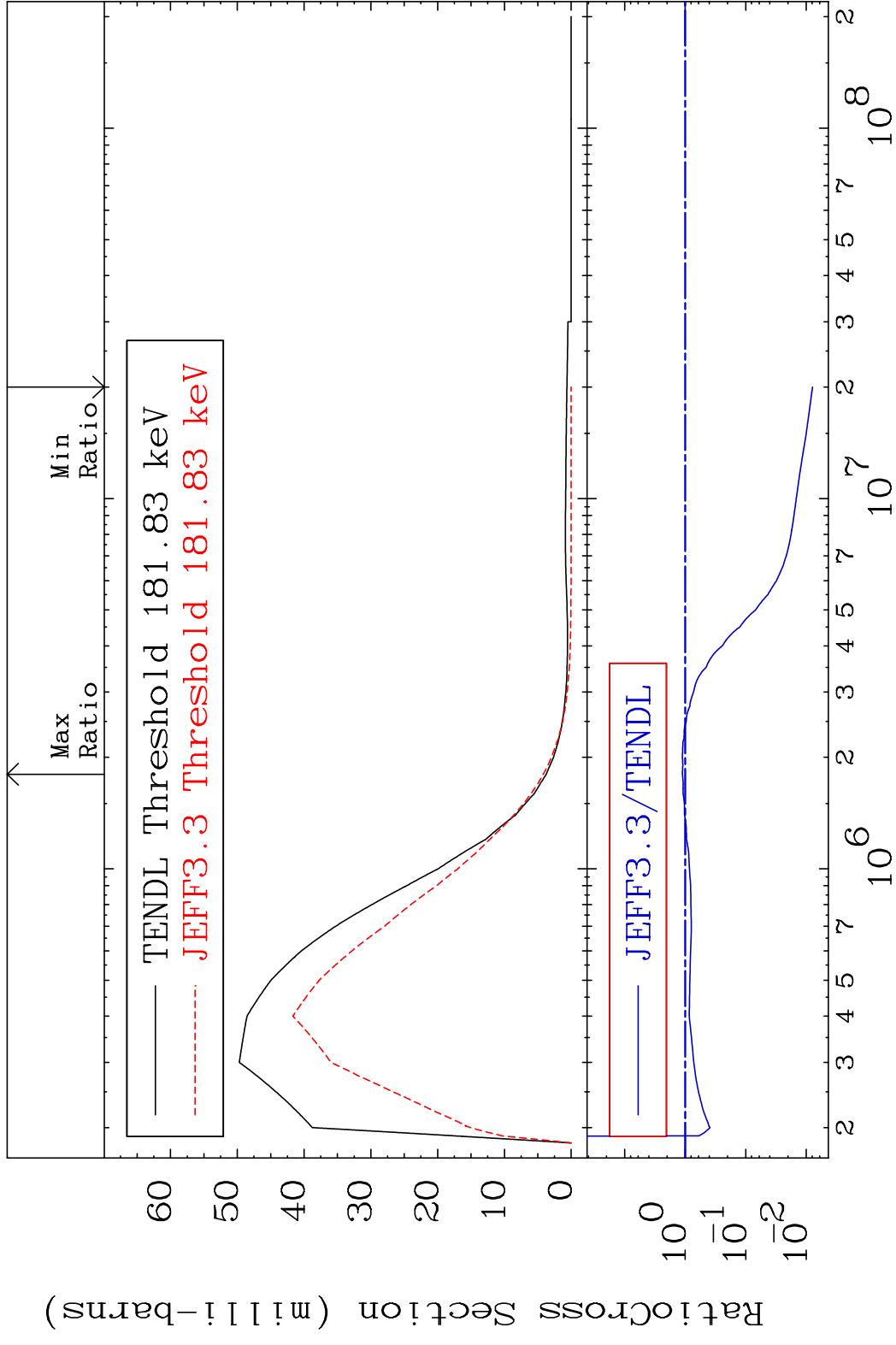
MAT 6328 MT= 73 (n,n') Level 63-Eu-152
 Cross Section 19.57 To 9999. %



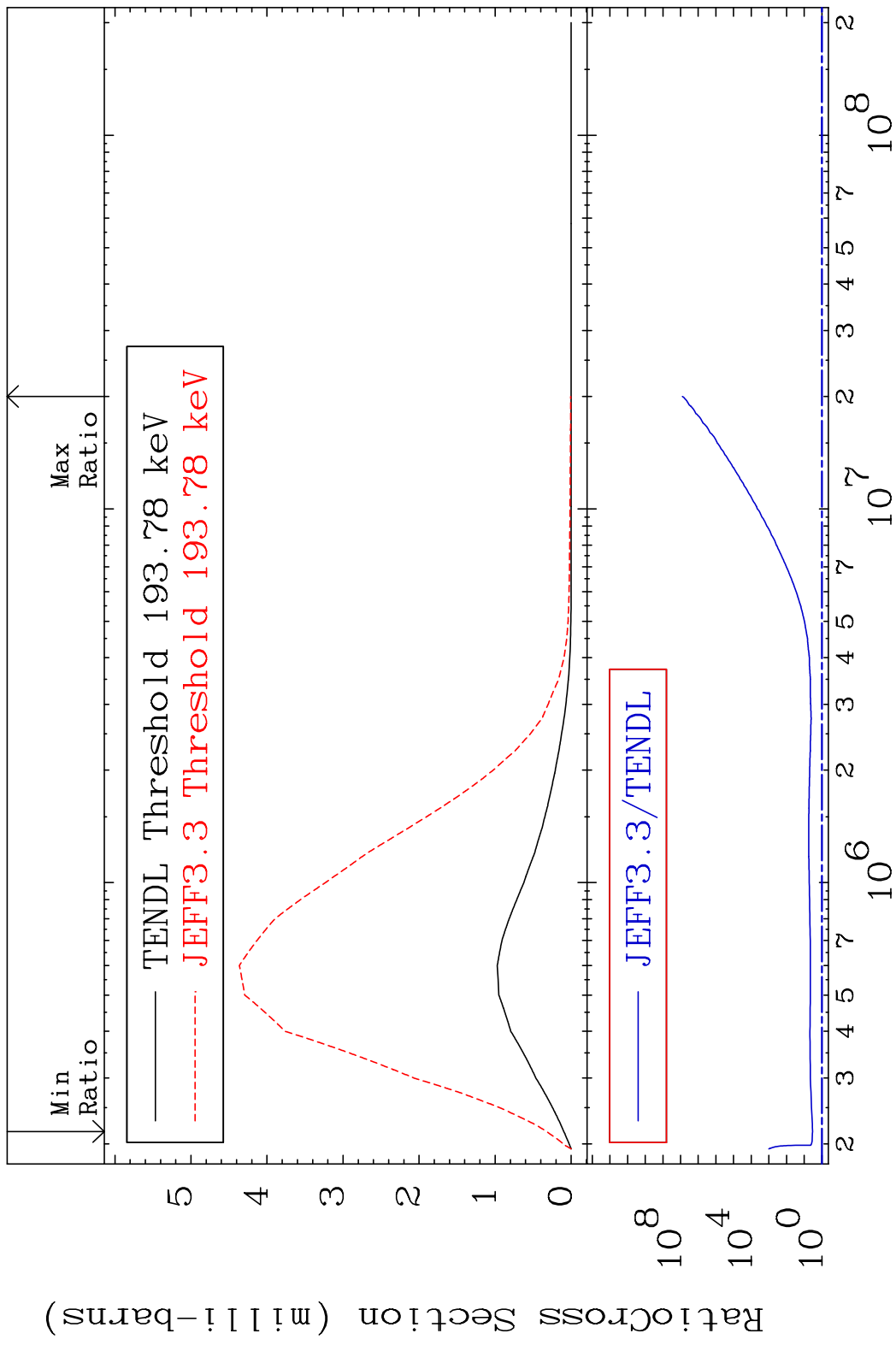
MAT 6328 MT= 74 (n,n') Level 63-Eu-152
 Cross Section -99.85 To 878.0 %



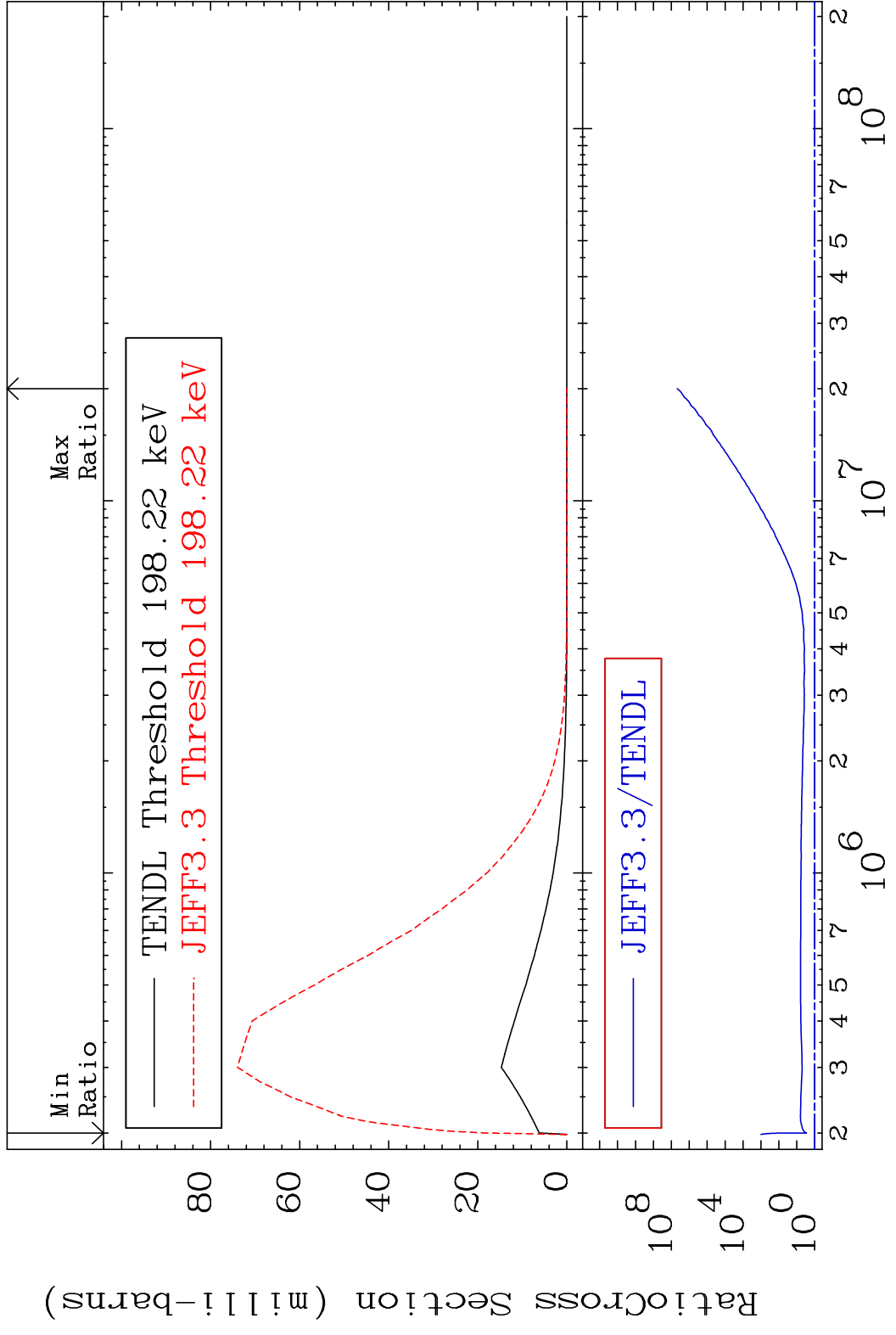
MAT 6328 MT= 75 (n,n') Level 63-Eu-152
 Cross Section -99.21 To 11.60 %



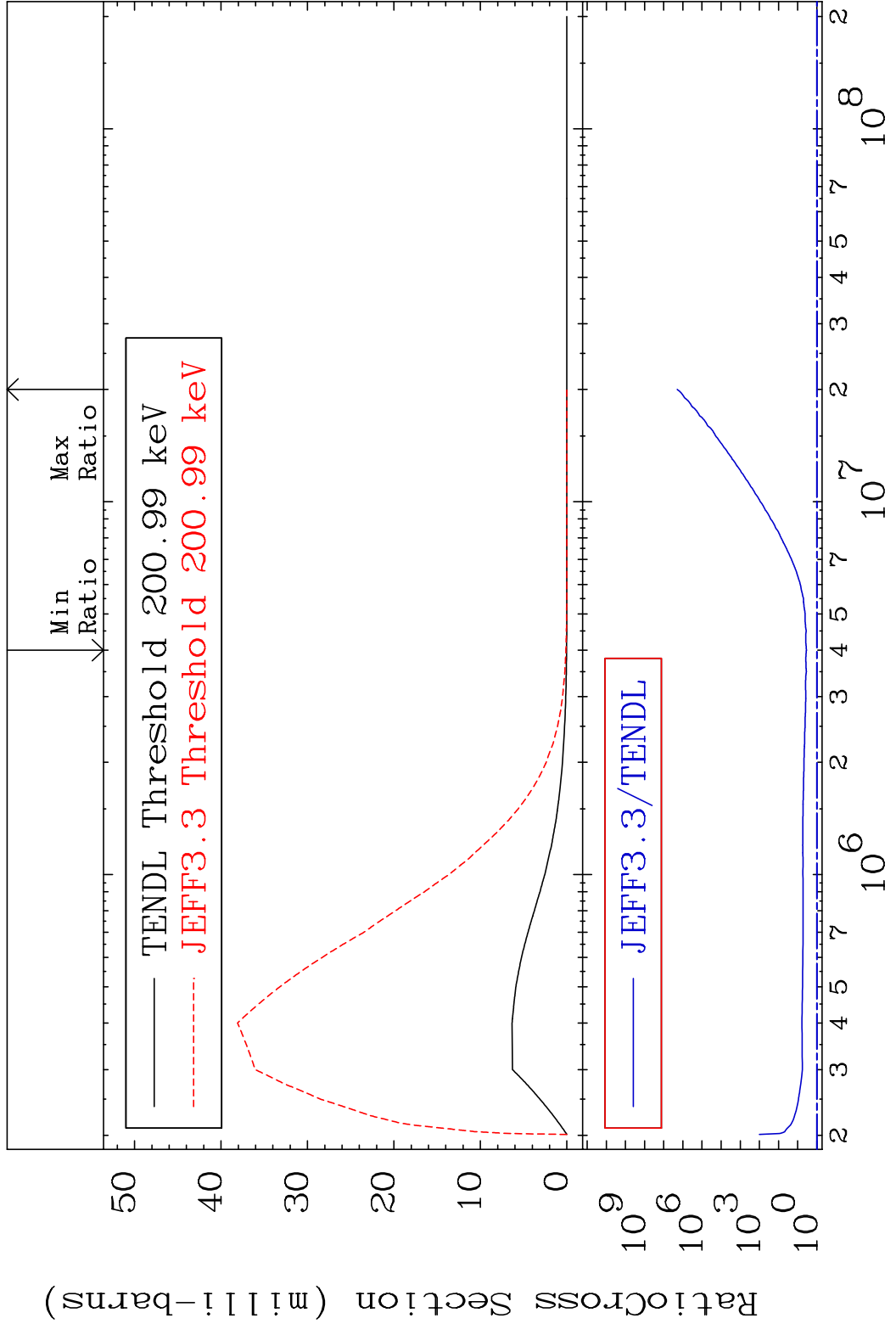
MAT 6328 MT= 76 (n,n') Level 63-Eu-152
 Cross Section 236.9 To 9999. %



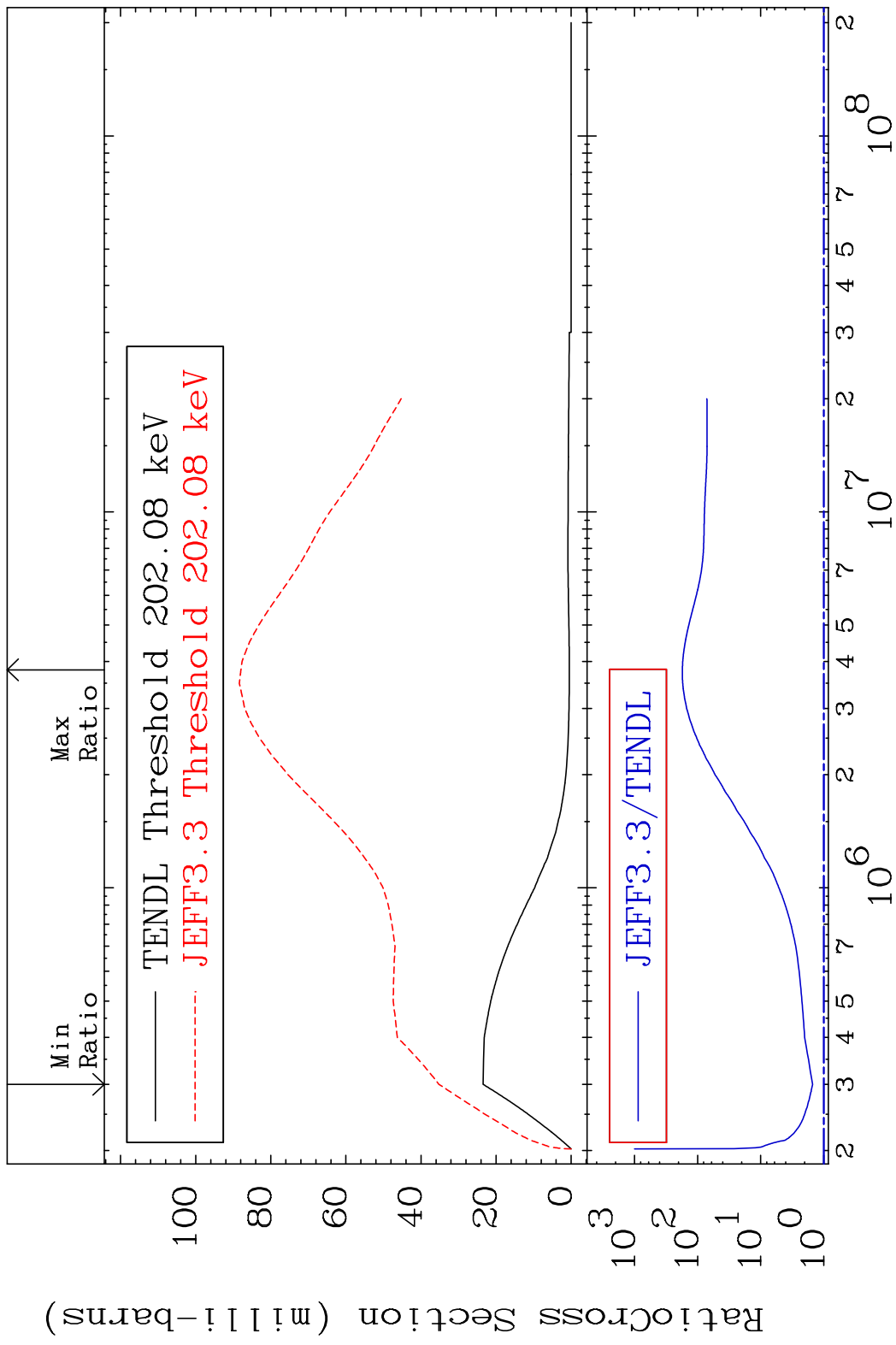
MAT 6328 MT= 77 (n,n') Level 63-Eu-152
 Cross Section 190.6 To 9999. %



MAT 6328 MT= 78 (n, n') Level 63-Eu-152
 Cross Section 251.5 To 9999. %

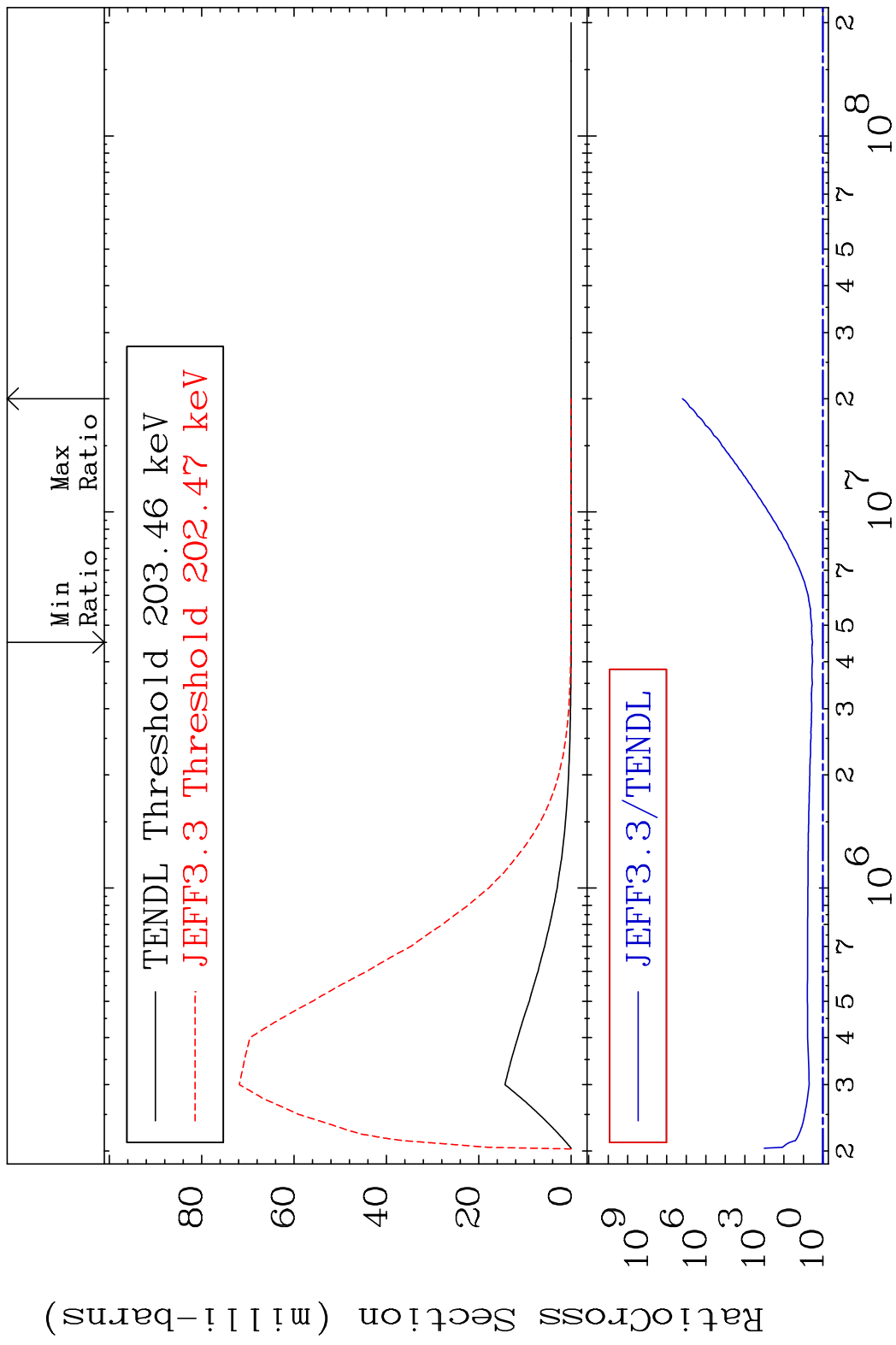


MAT 6328 MT= 79 (n,n') Level 63-Eu-152
 Cross Section 50.19 To 9999. %



40 Incident Energy (eV) 63-Eu-152

MAT 6328 MT= 80 (n, n') Level 63-Eu-152
 Cross Section 238.4 To 9999. %

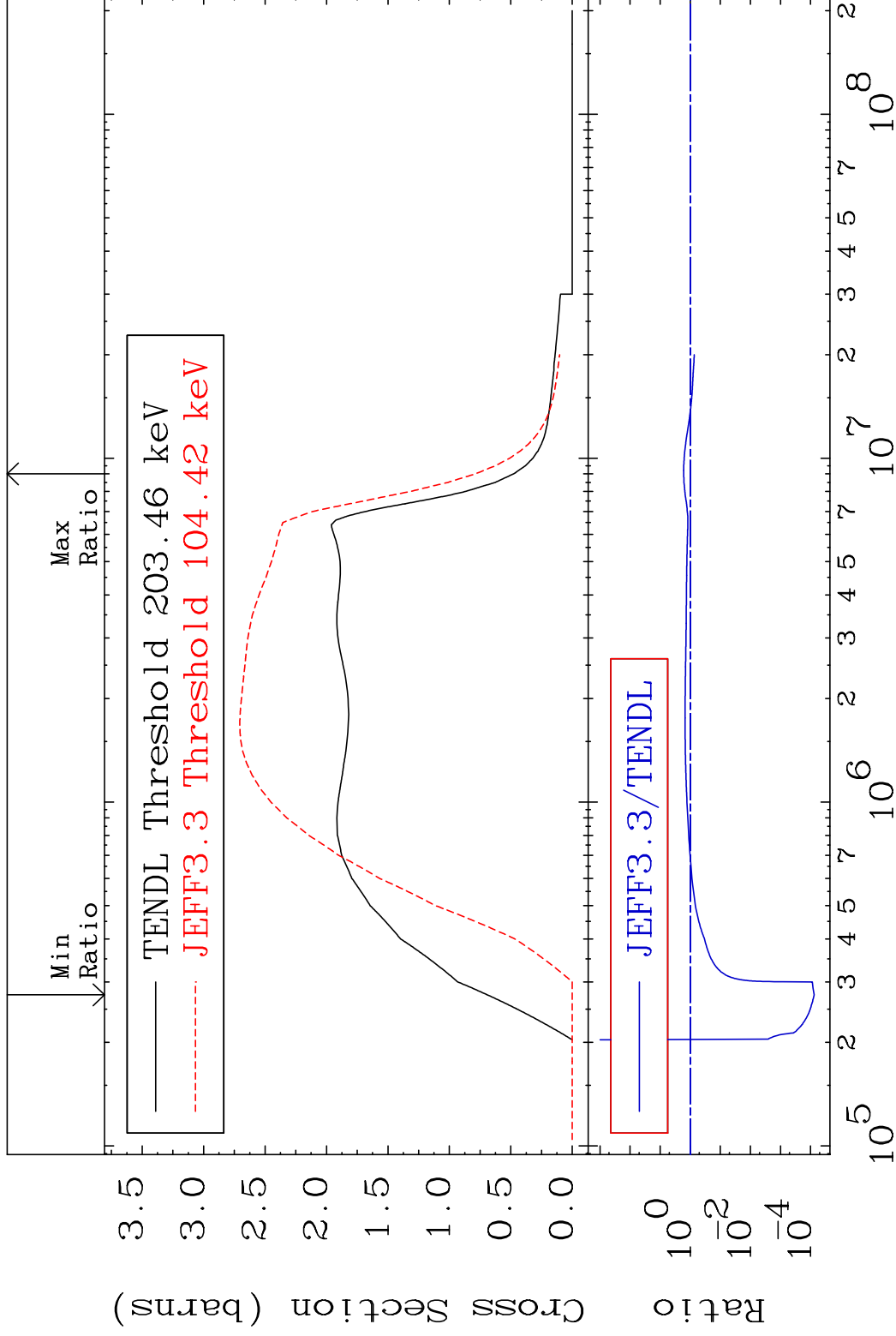


MAT 6328

(n, n') Continuum

63-Eu-152

Cross Section -99.99 To 65.45 %



42

Incident Energy (eV)

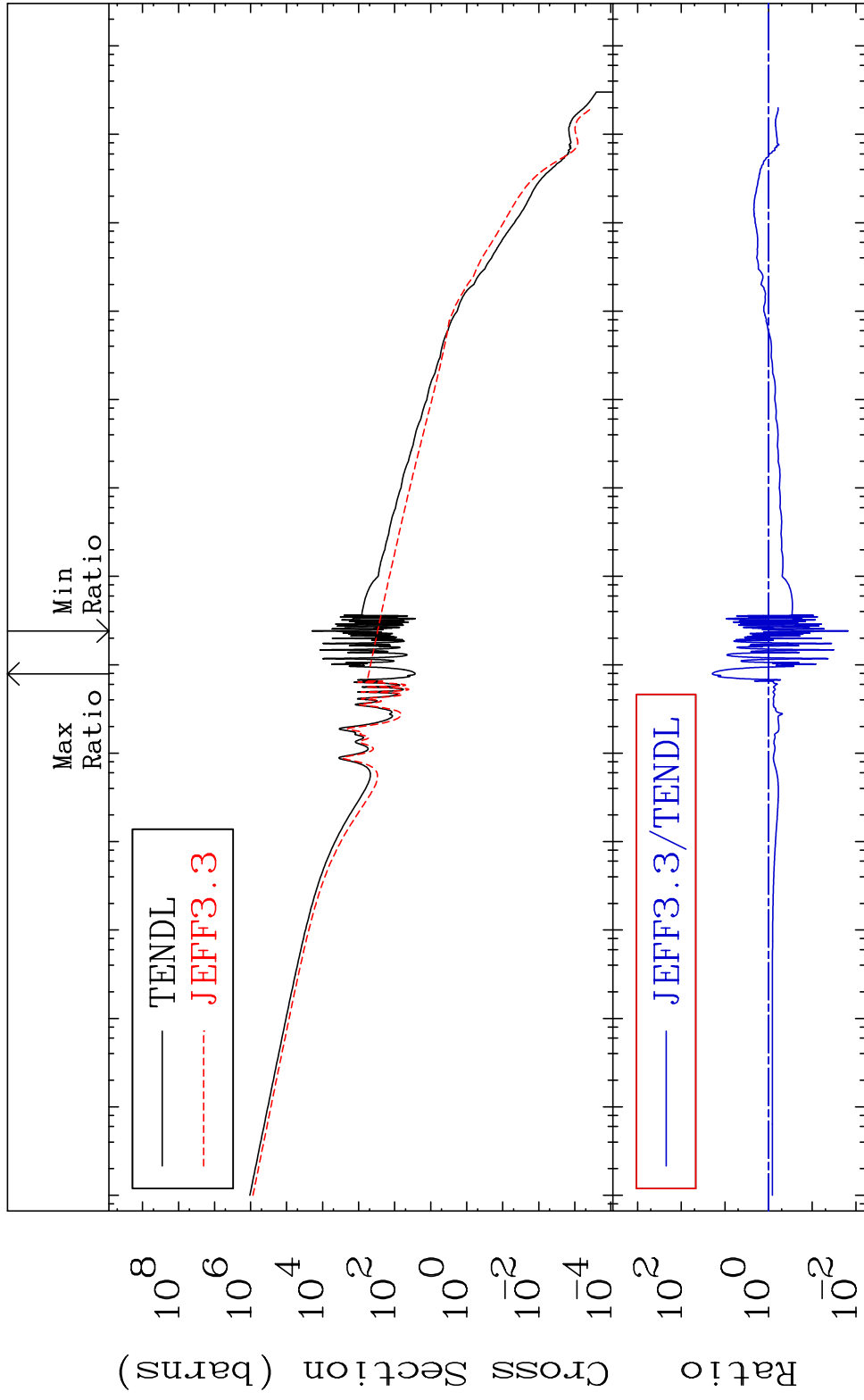
63-Eu-152

MAT 6328

(n, γ)

63-Eu-152

Cross Section -98.51 To 1841. %



43

Incident Energy (eV)

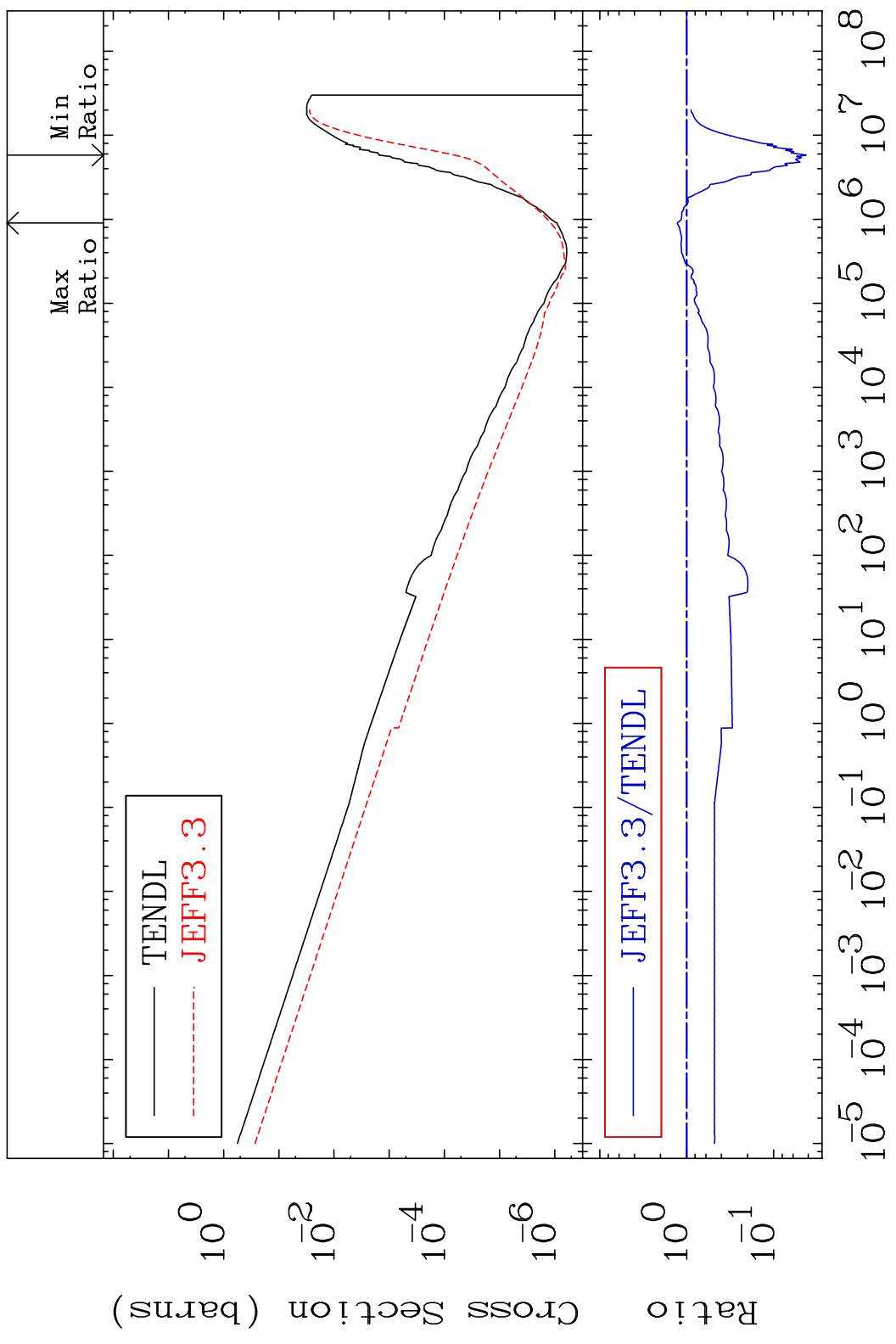
63-Eu-152

MAT 6328

(n, p)

63-Eu-152

Cross Section -95.79 To 28.75 %

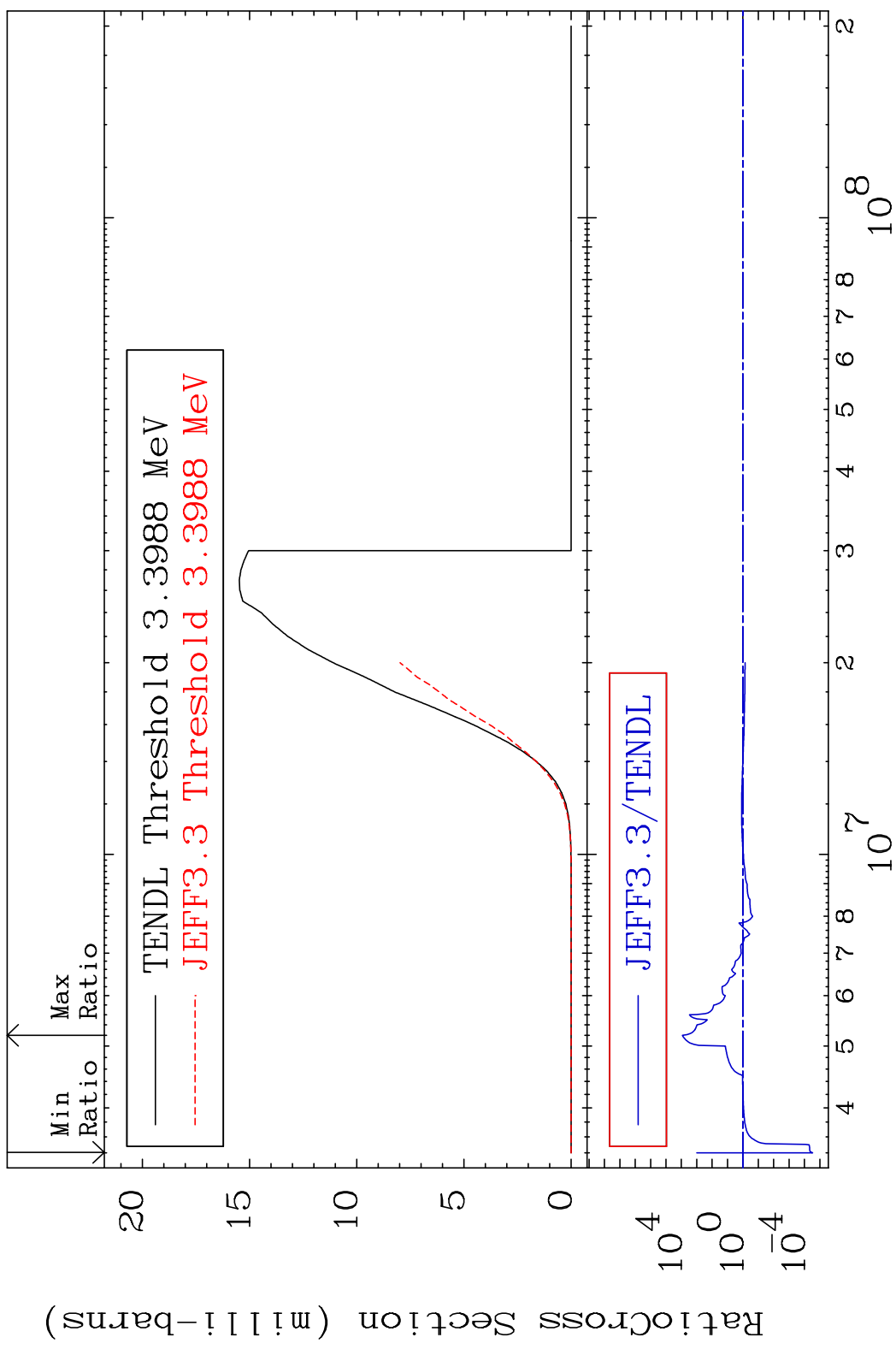


MAT 6328

(n,d)

63-Eu-152

Cross Section -100.0 To 9999. %

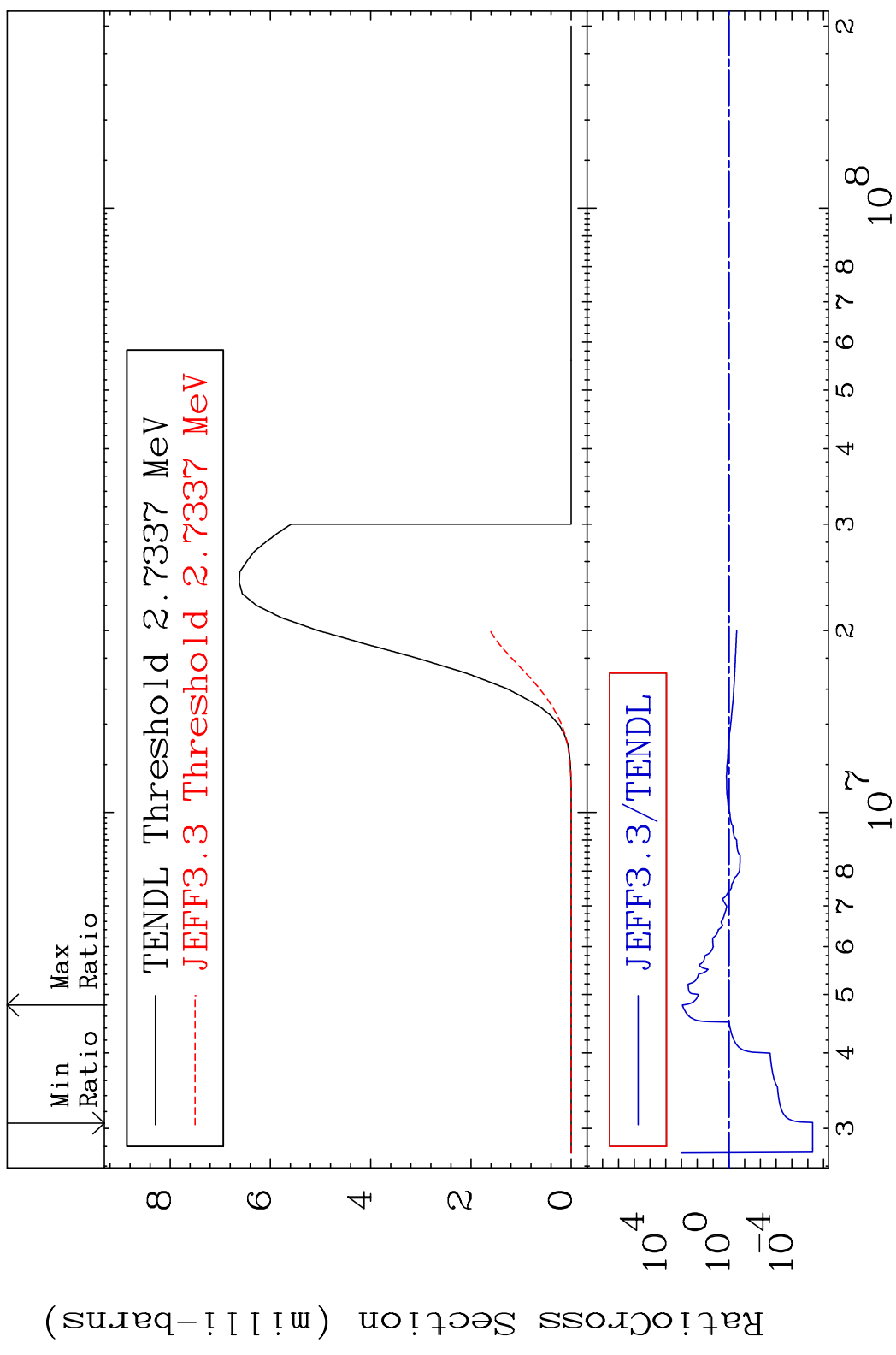


MAT 6328

(n, t)

63-Eu-152

Cross Section -100.0 To 9999. %



46

Incident Energy (eV)

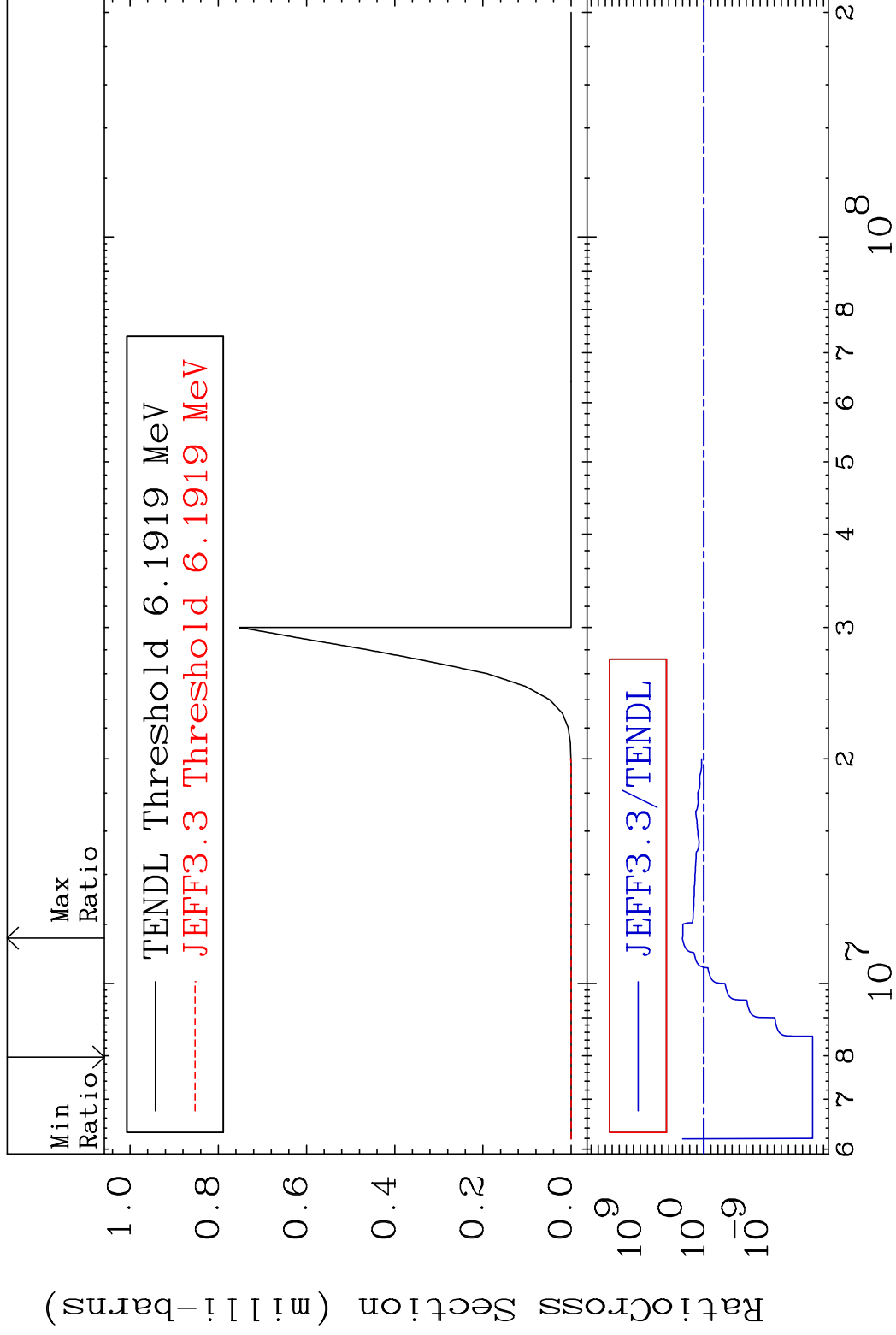
63-Eu-152

MAT 6328

(n, He-3)

63-Eu-152

Cross Section -100.0 To 9999. %

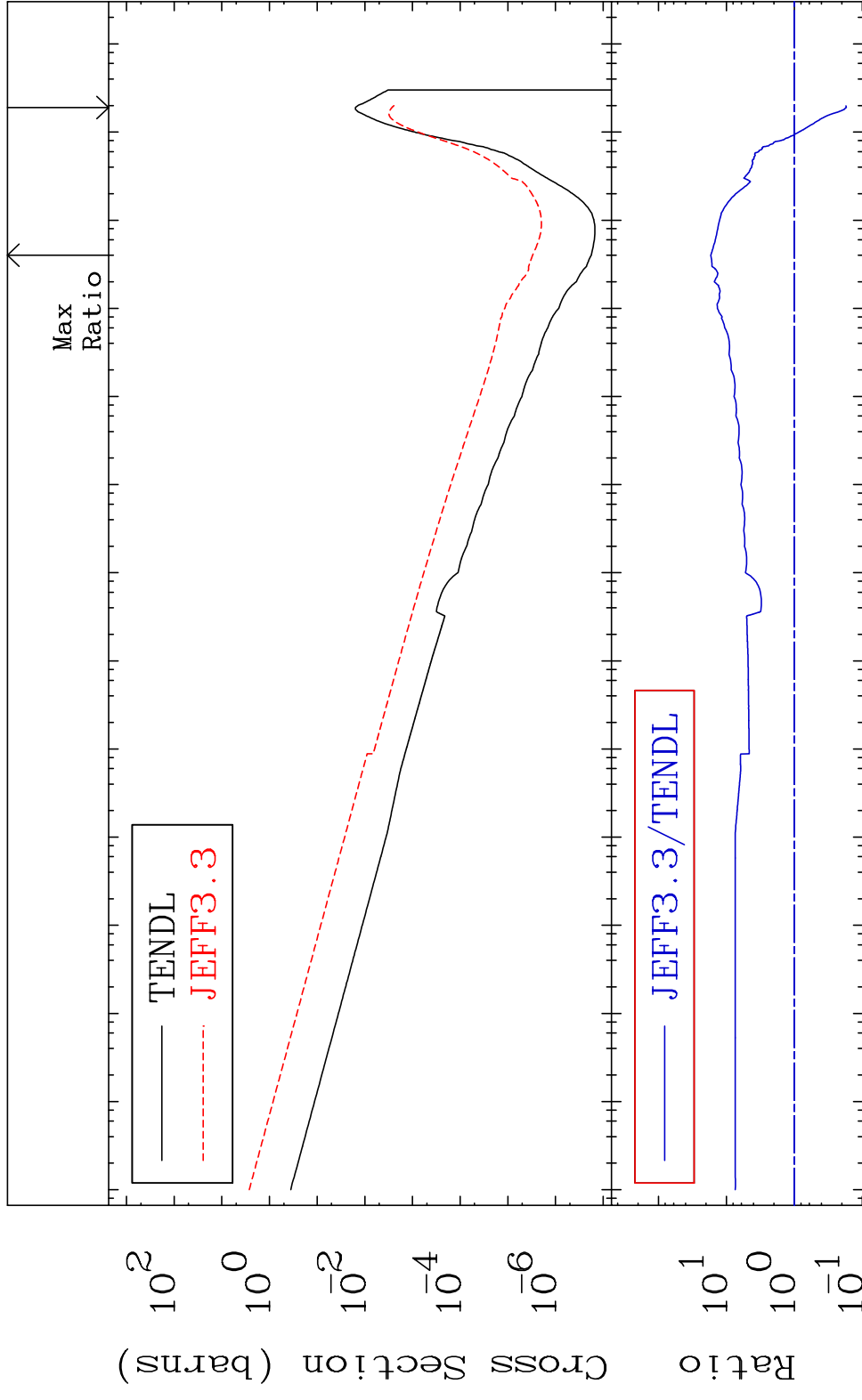


MAT 6328

63-Eu-152

(n, α)

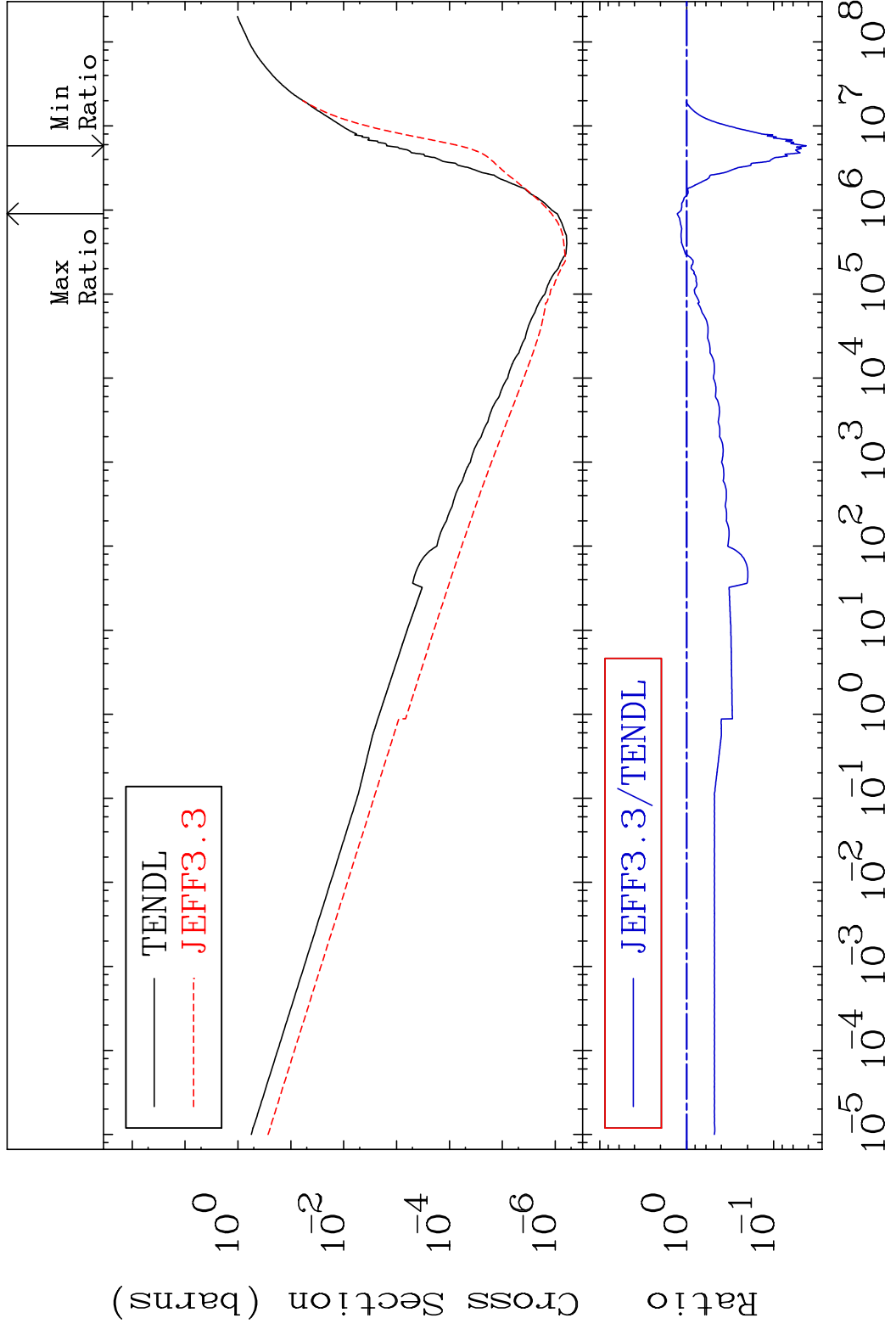
Cross Section -82.86 To 1605. %



MAT 6328

Hydrogen Production
Cross Section

63-Eu-152
-95.79 To 28.75 %



49

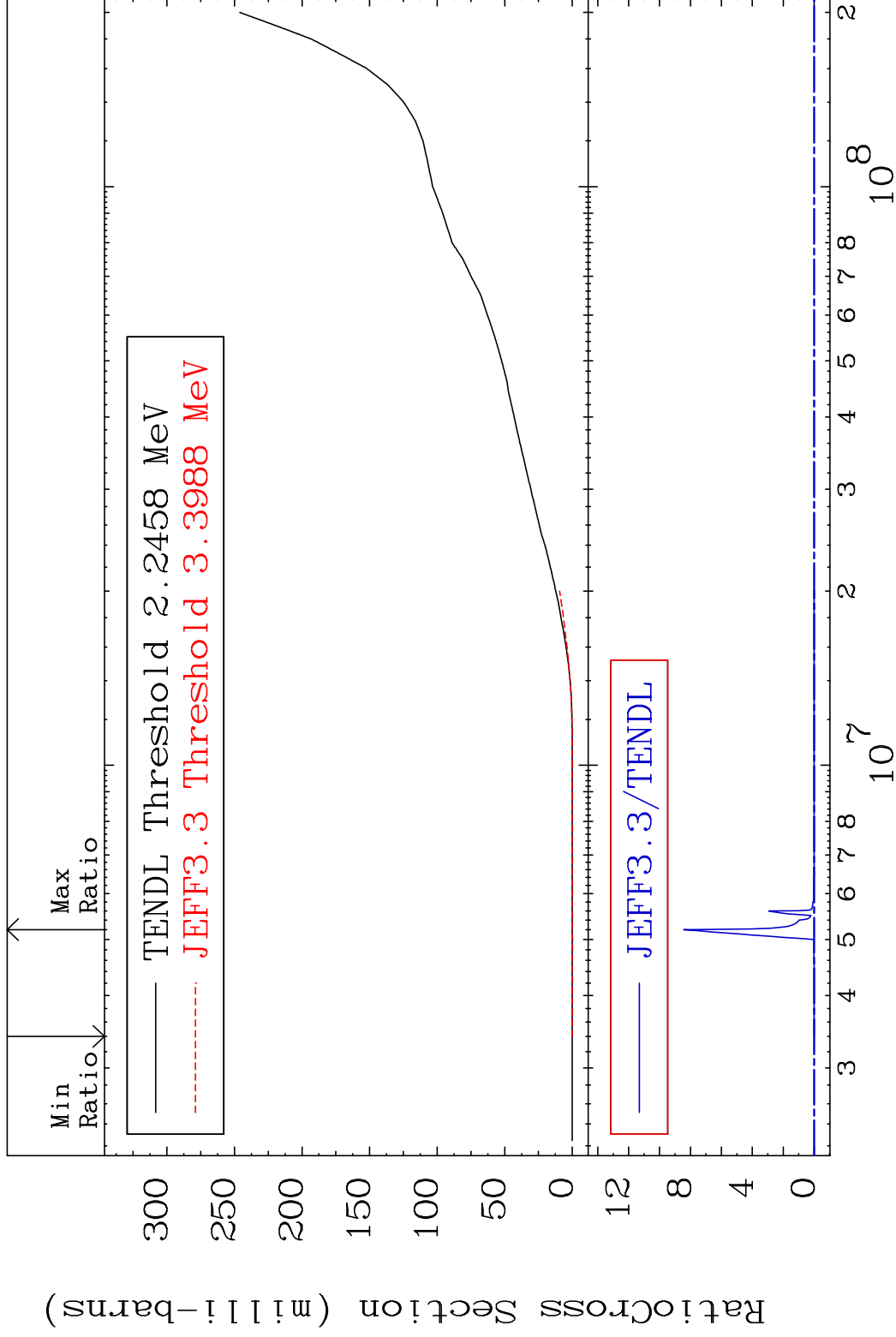
Incident Energy (eV)

63-Eu-152

MAT 6328

Deuterium Production 63-Eu-152

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

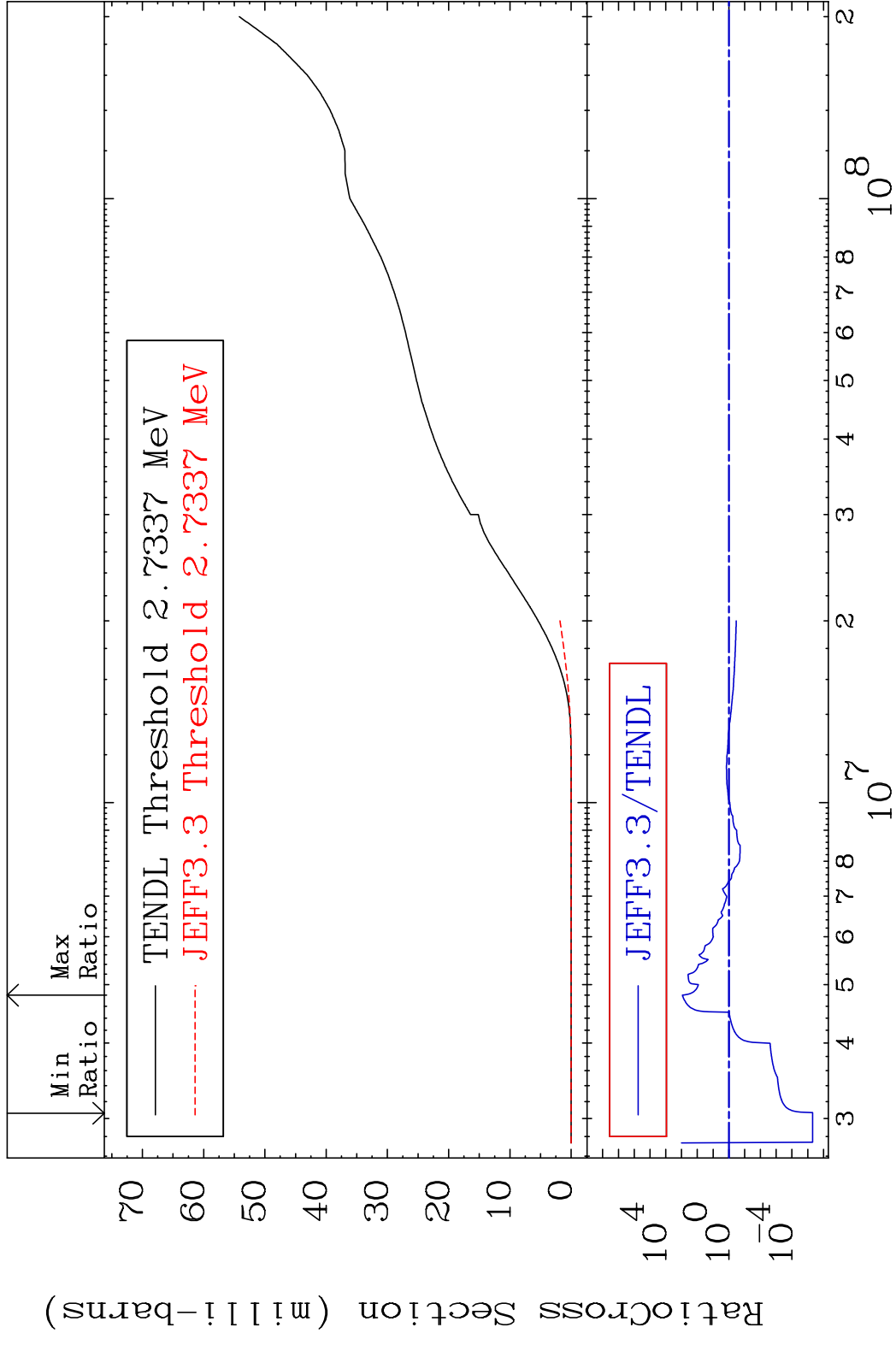
63-Eu-152

MAT 6328

Tritium Production

63-Eu-152

Cross Section -100.0 To 9999. %

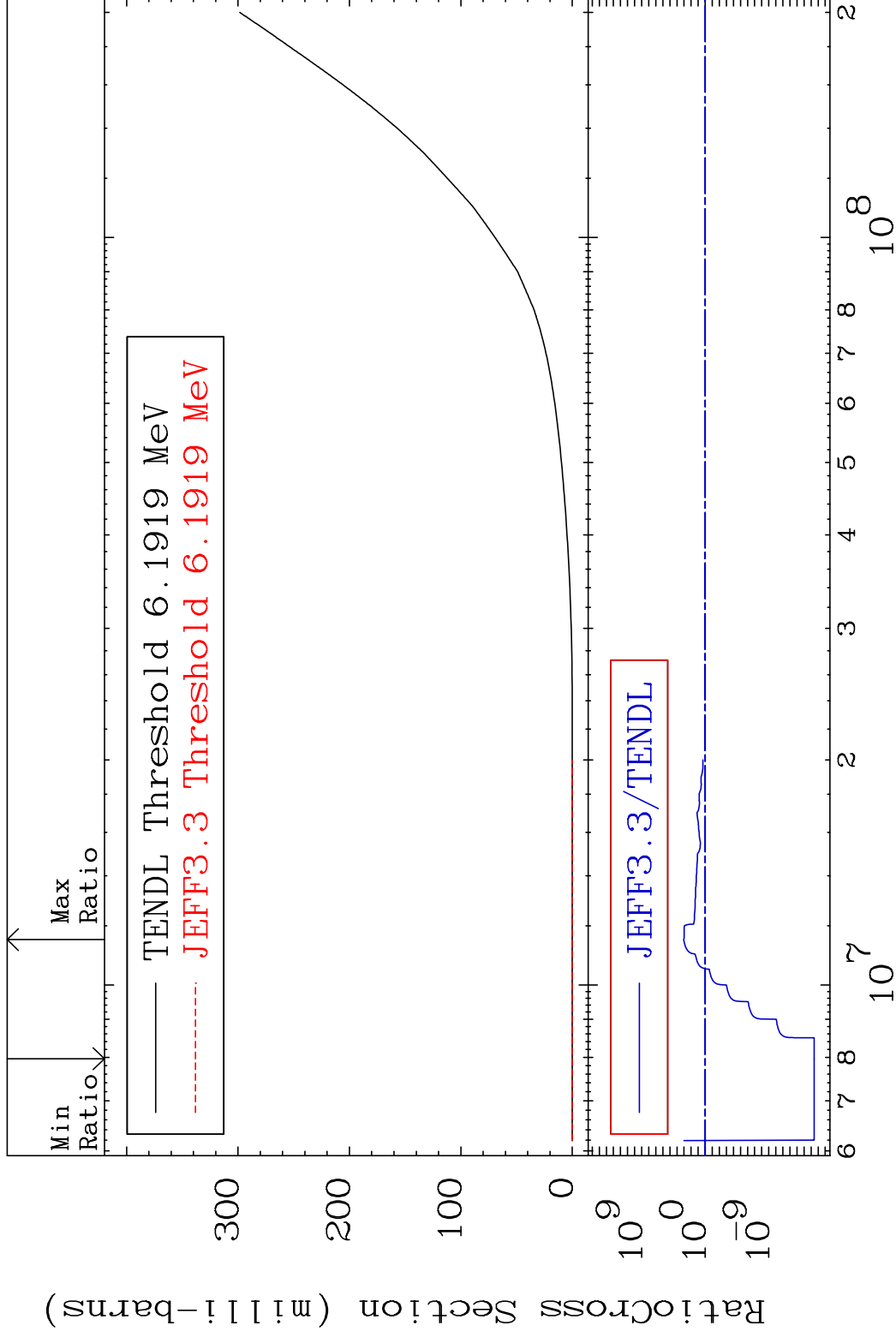


MAT 6328

He-3 Production

63-Eu-152

Cross Section -100.0 To 9999. %



52

Incident Energy (eV)

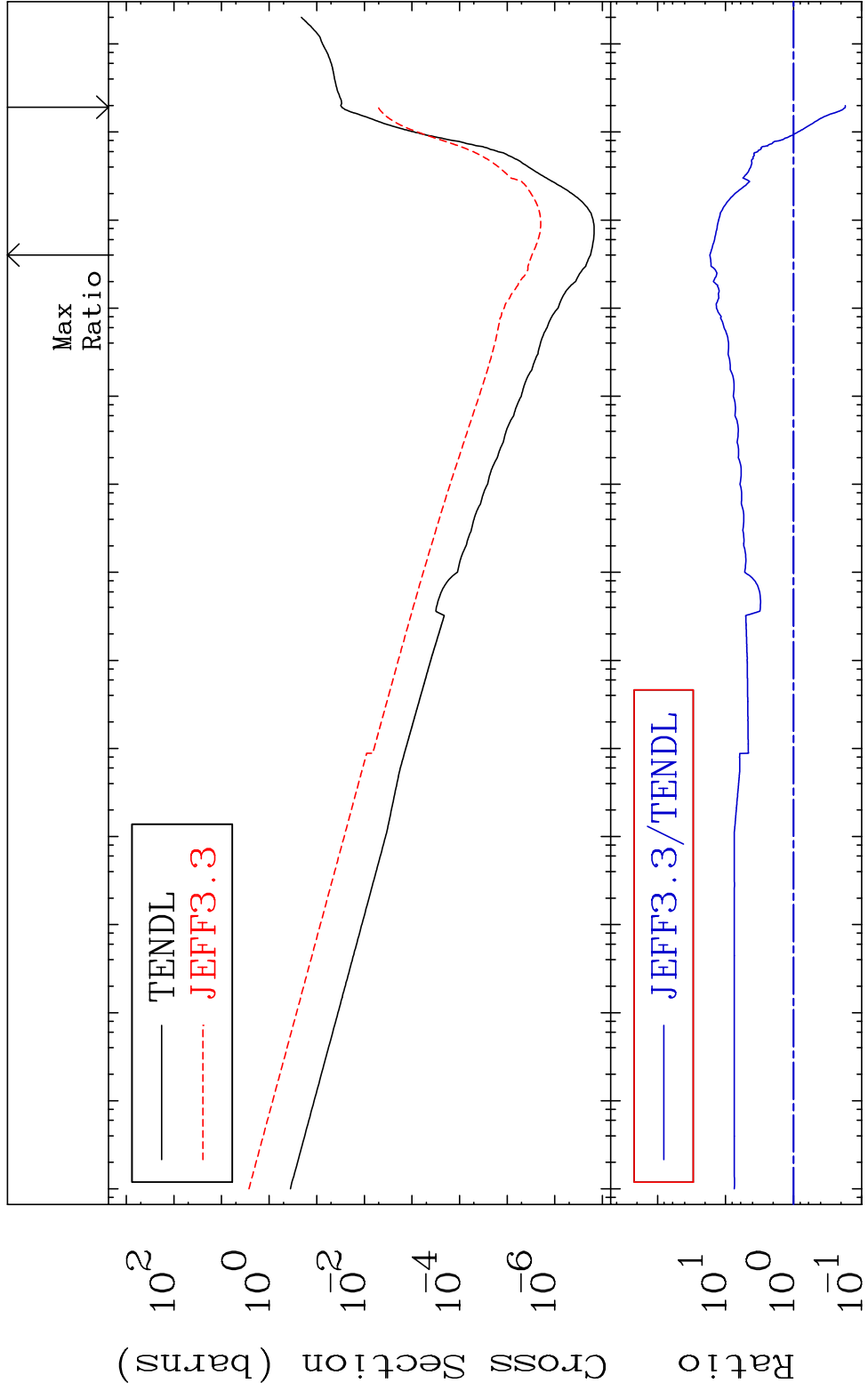
63-Eu-152

MAT 6328

He-4 Production

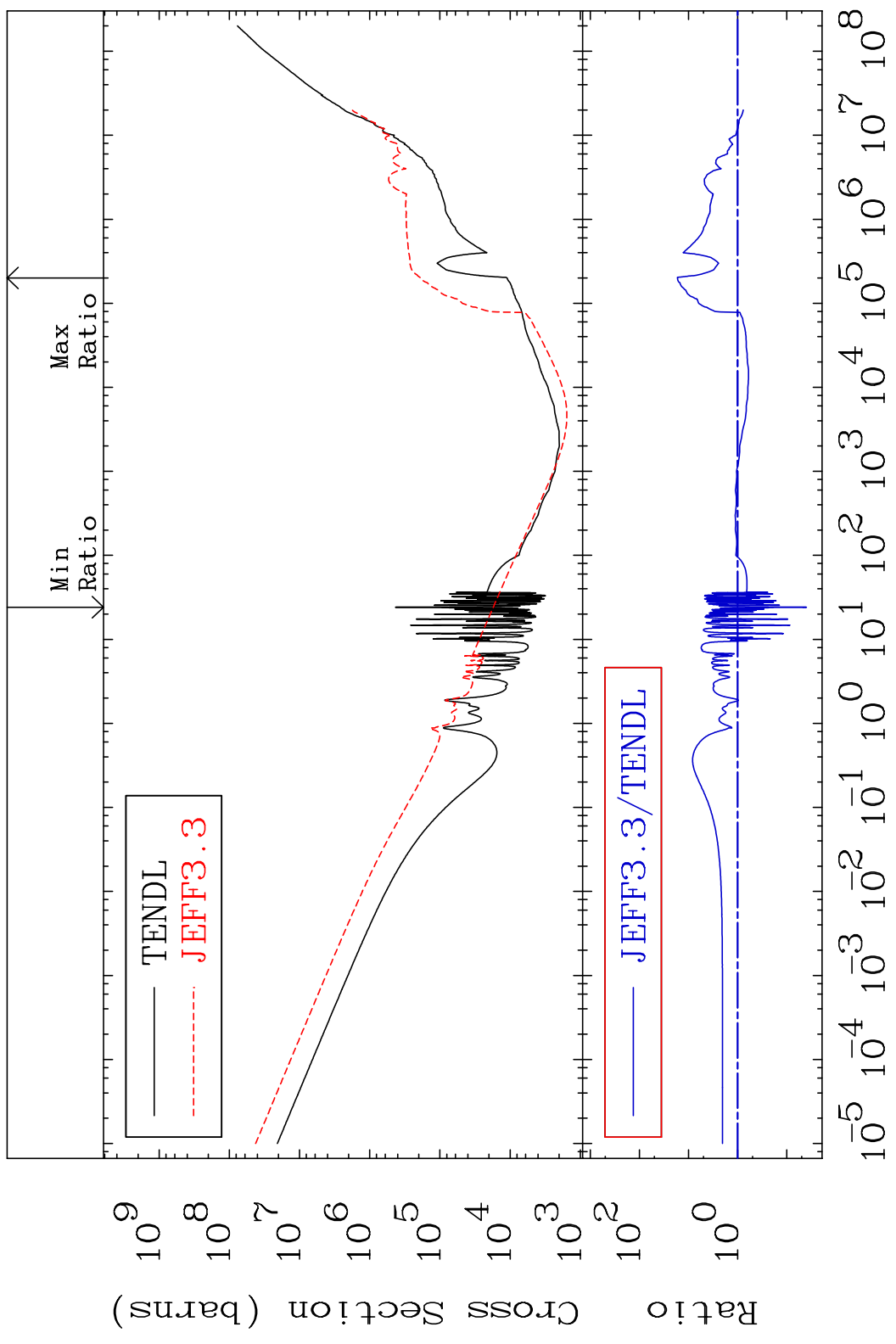
63-Eu-152

Cross Section -82.64 To 1605. %



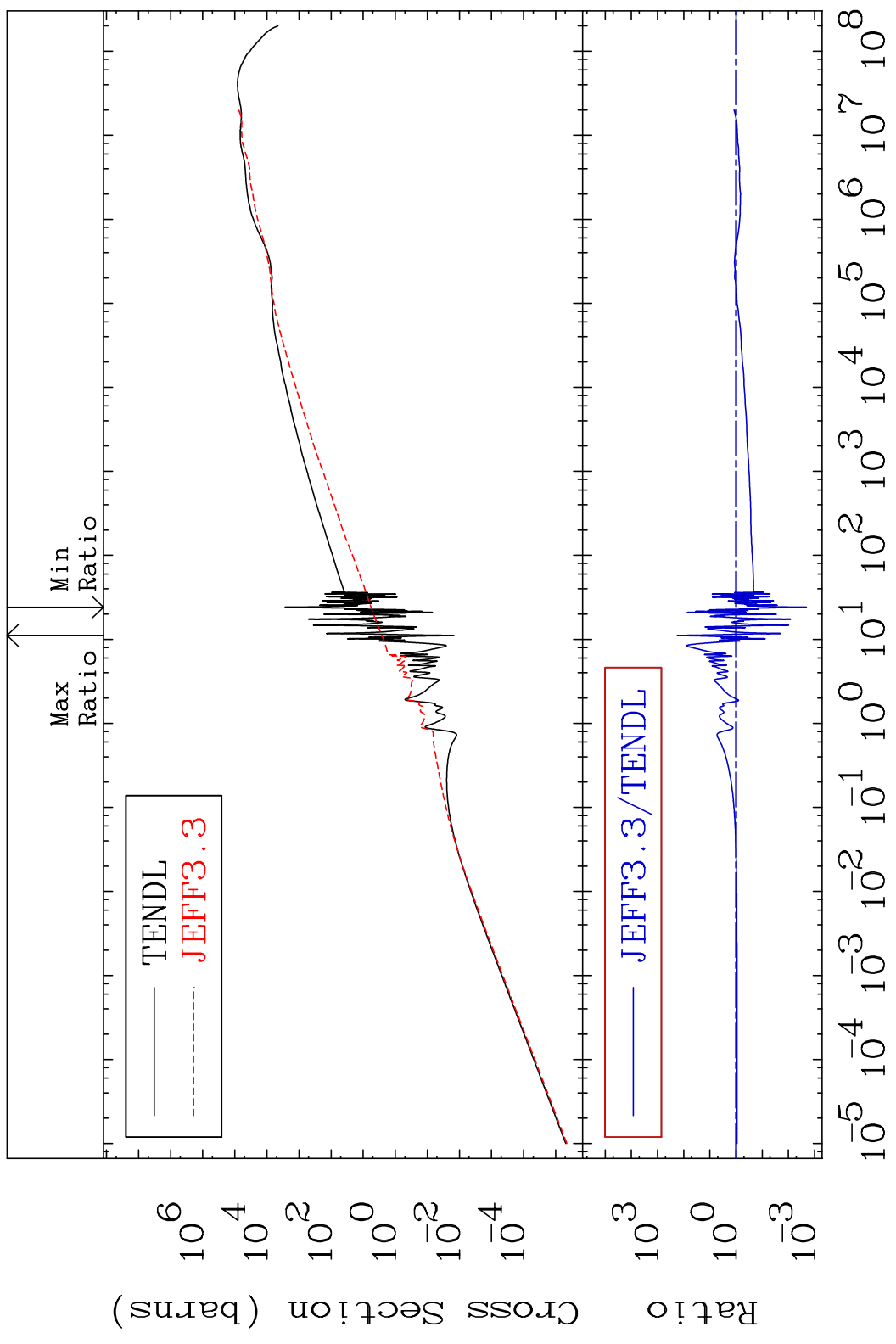
MAT 6328

Kerma total (eV-barns) 63-Eu-152
Cross Section -96.00 To 1610. %

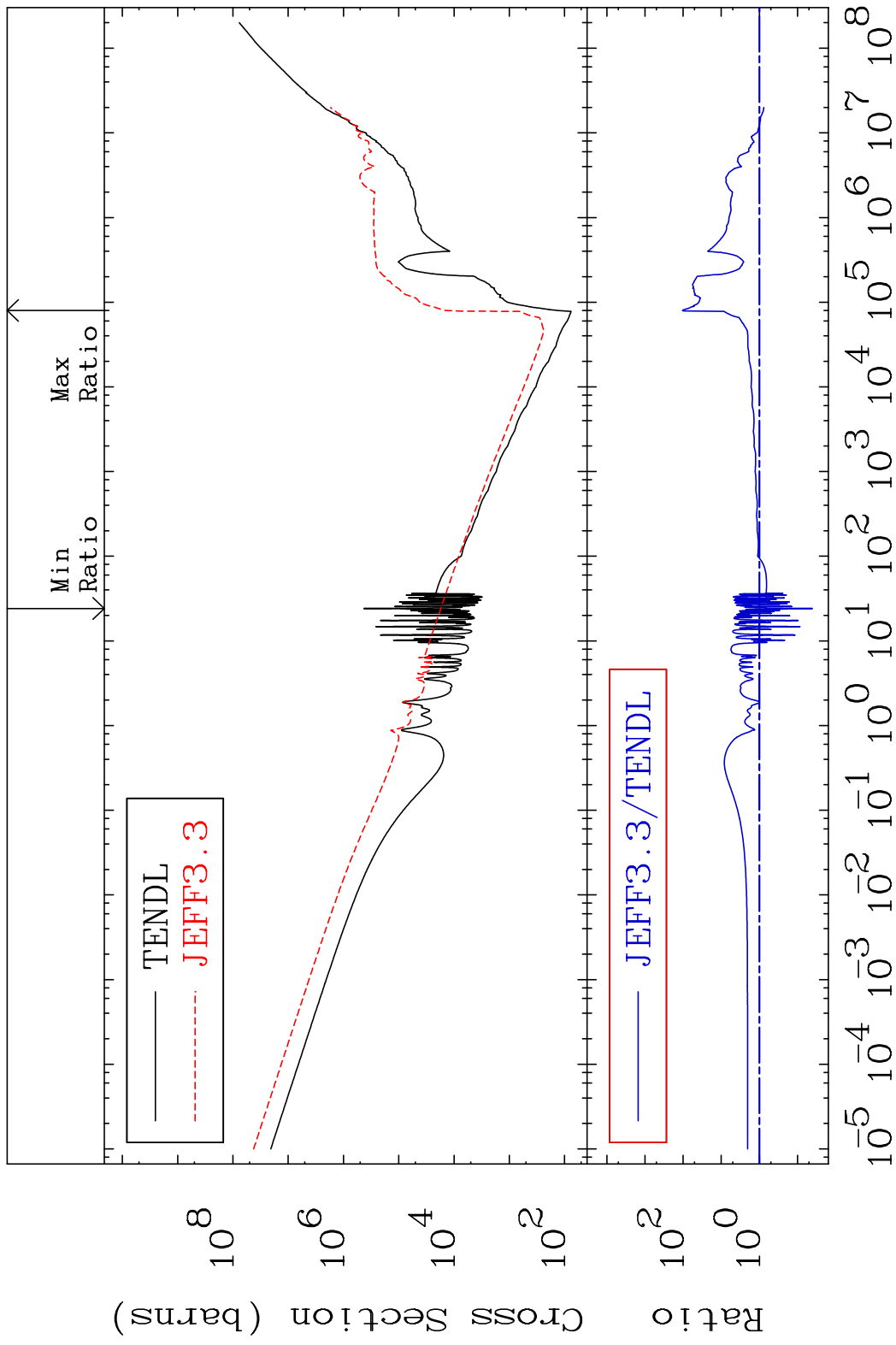


MAT 6328

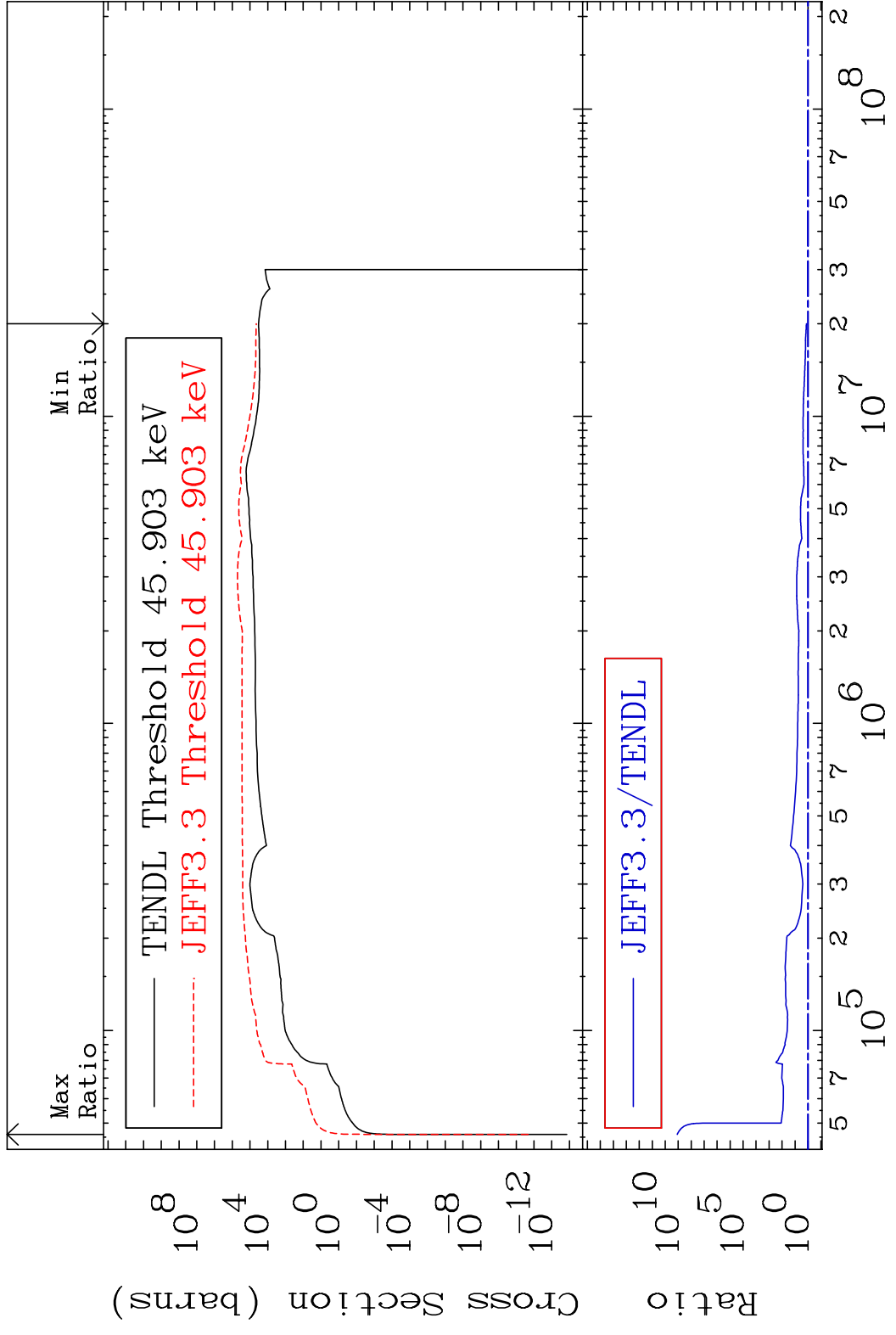
Kerma elastic Cross Section -99.79 To 9999. %
63-Eu-152



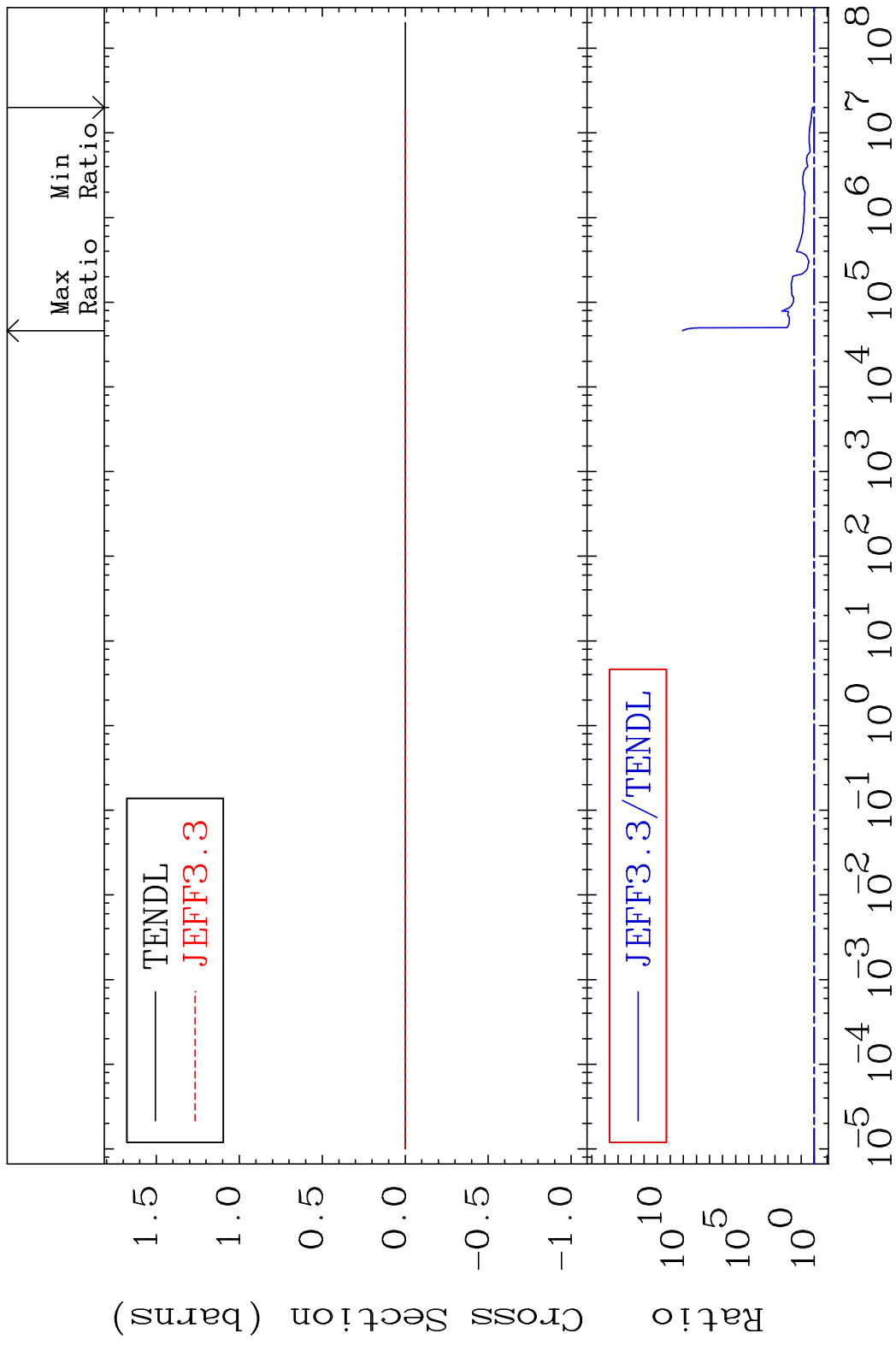
MAT 6328 Kerma non-elastic (all but mt2) 63-Eu-152
 Cross Section -95.97 To 9999. %



MAT 6328 Kerma inelastic (mt51-91) 63-Eu-152
 Cross Section 33.09 To 9999. %

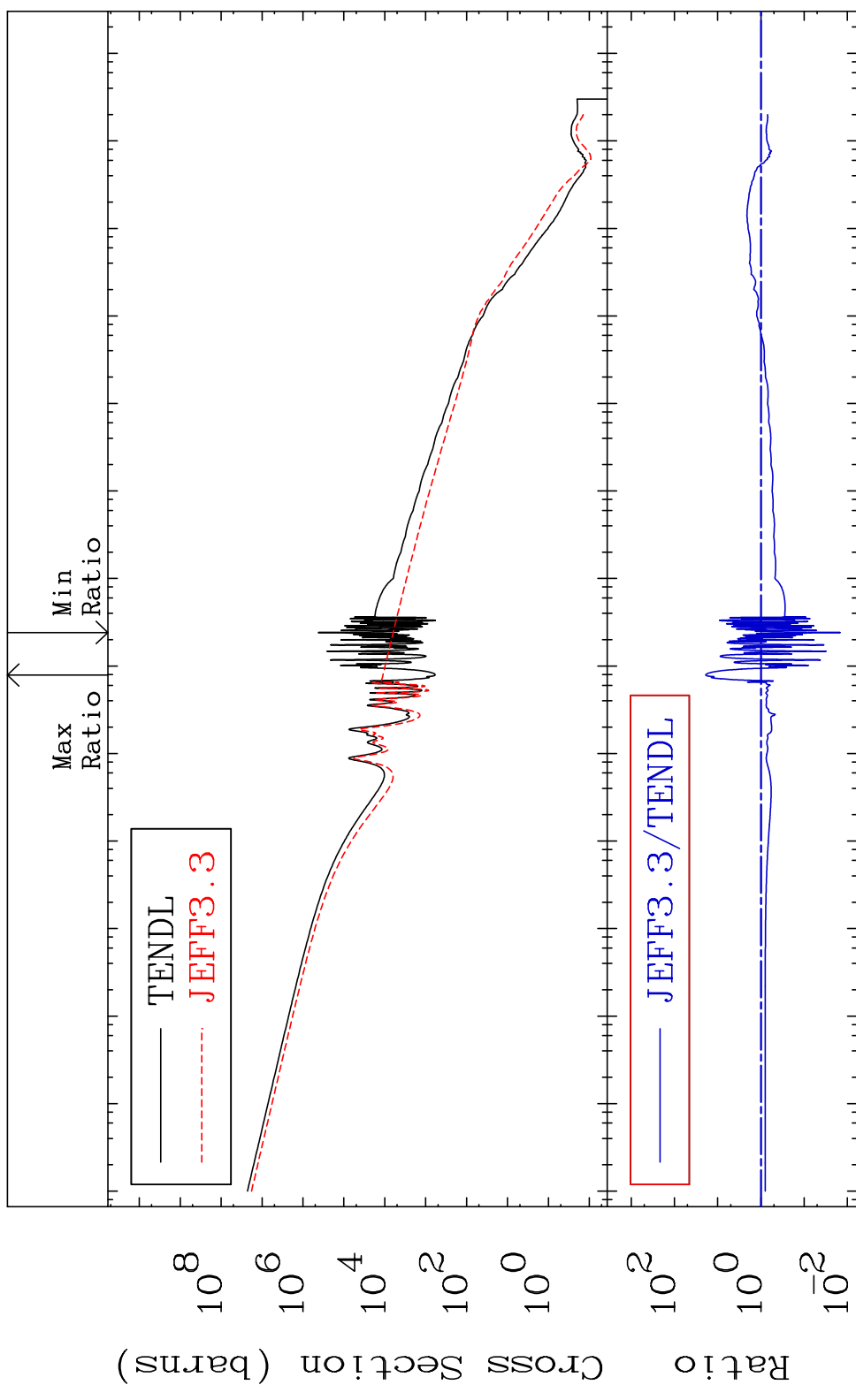


MAT 6328 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-152
 Cross Section 33.09 To 9999. %



MAT 6328

Kerma capture (mt102) 63-Eu-152
Cross Section -98.55 To 1789. %

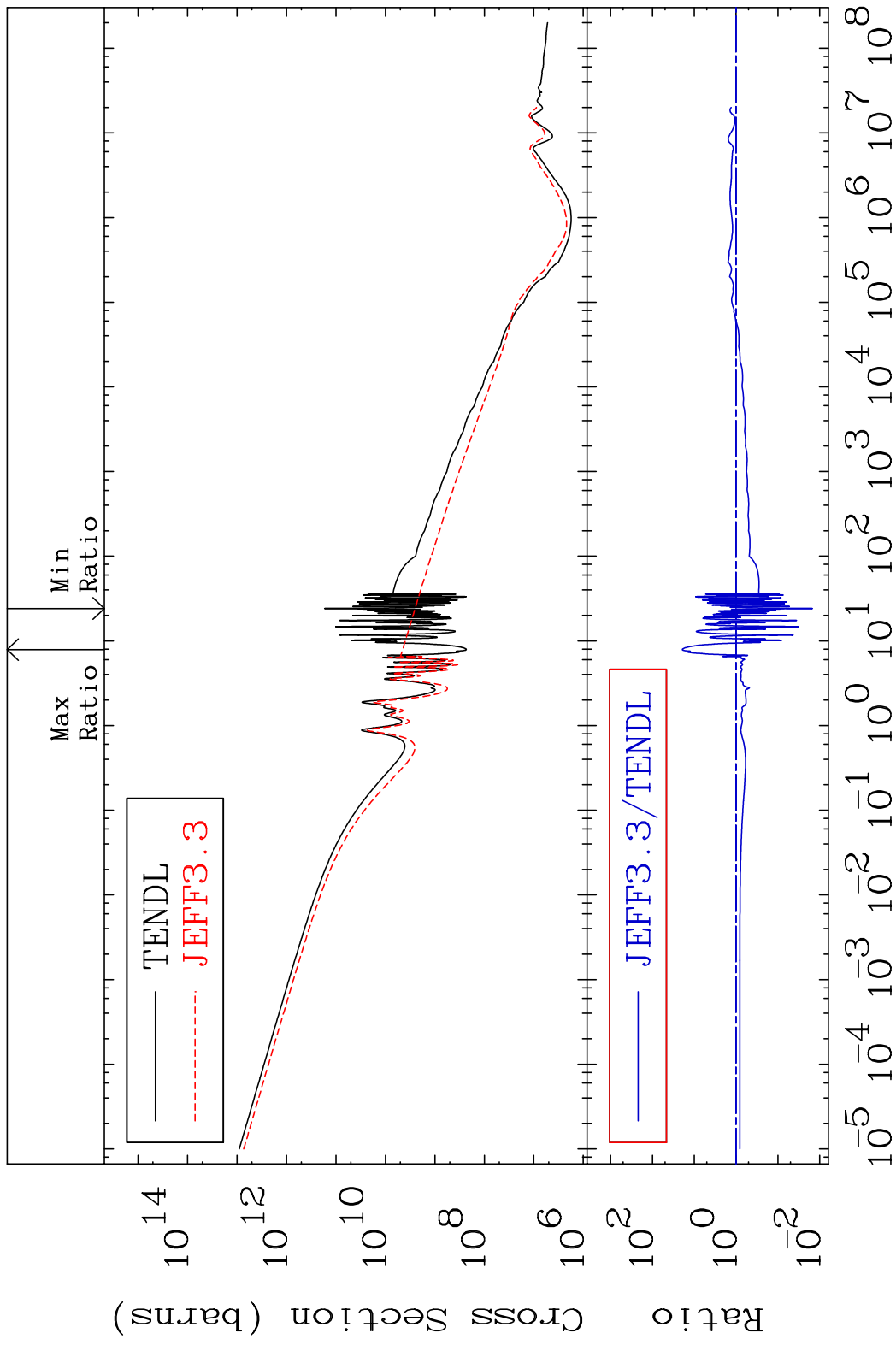


59

Incident Energy (eV)

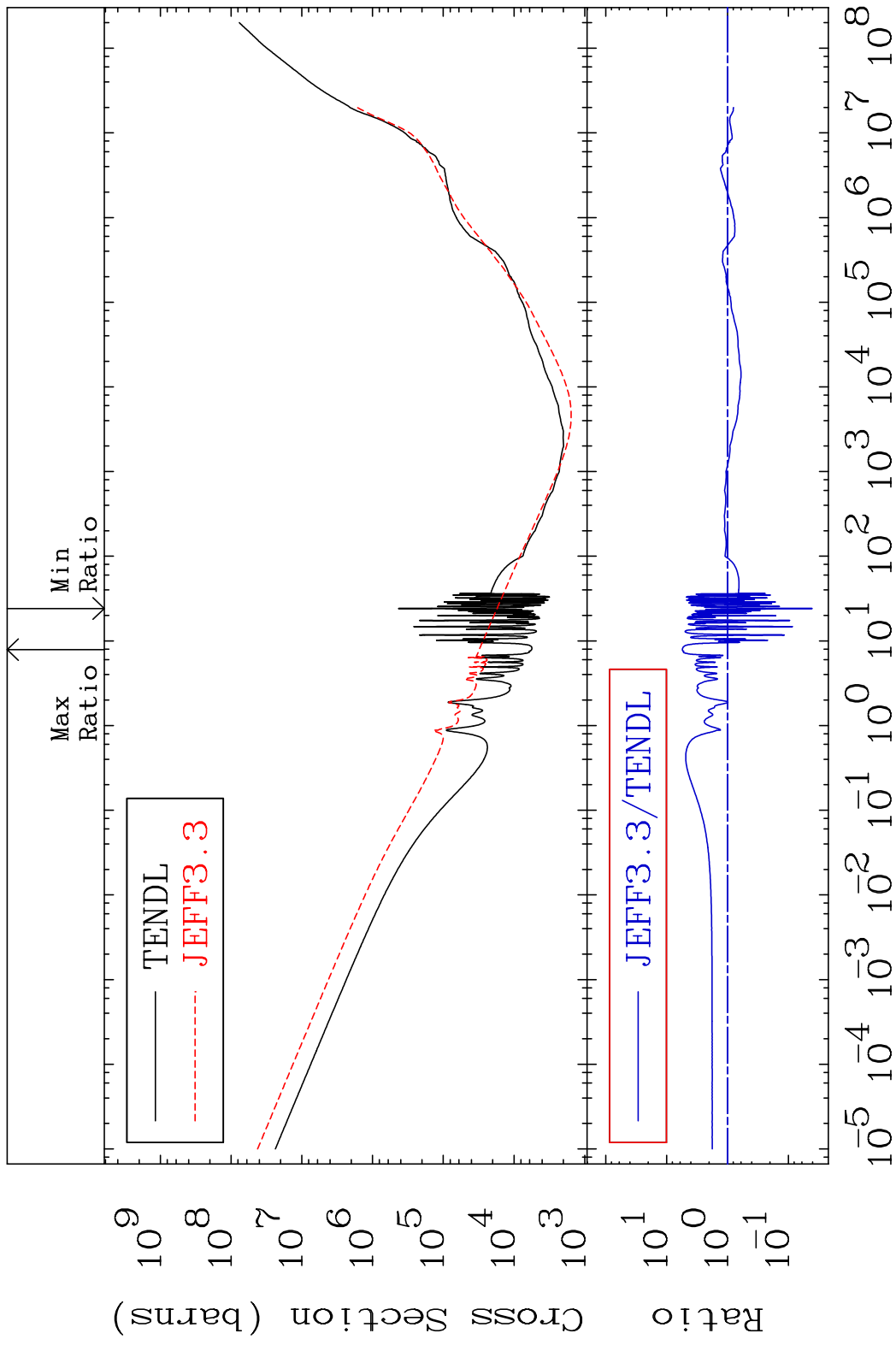
63-Eu-152

MAT 6328 Total photon (eV-barns) 63-Eu-152
 Cross Section -98.52 To 1822. %

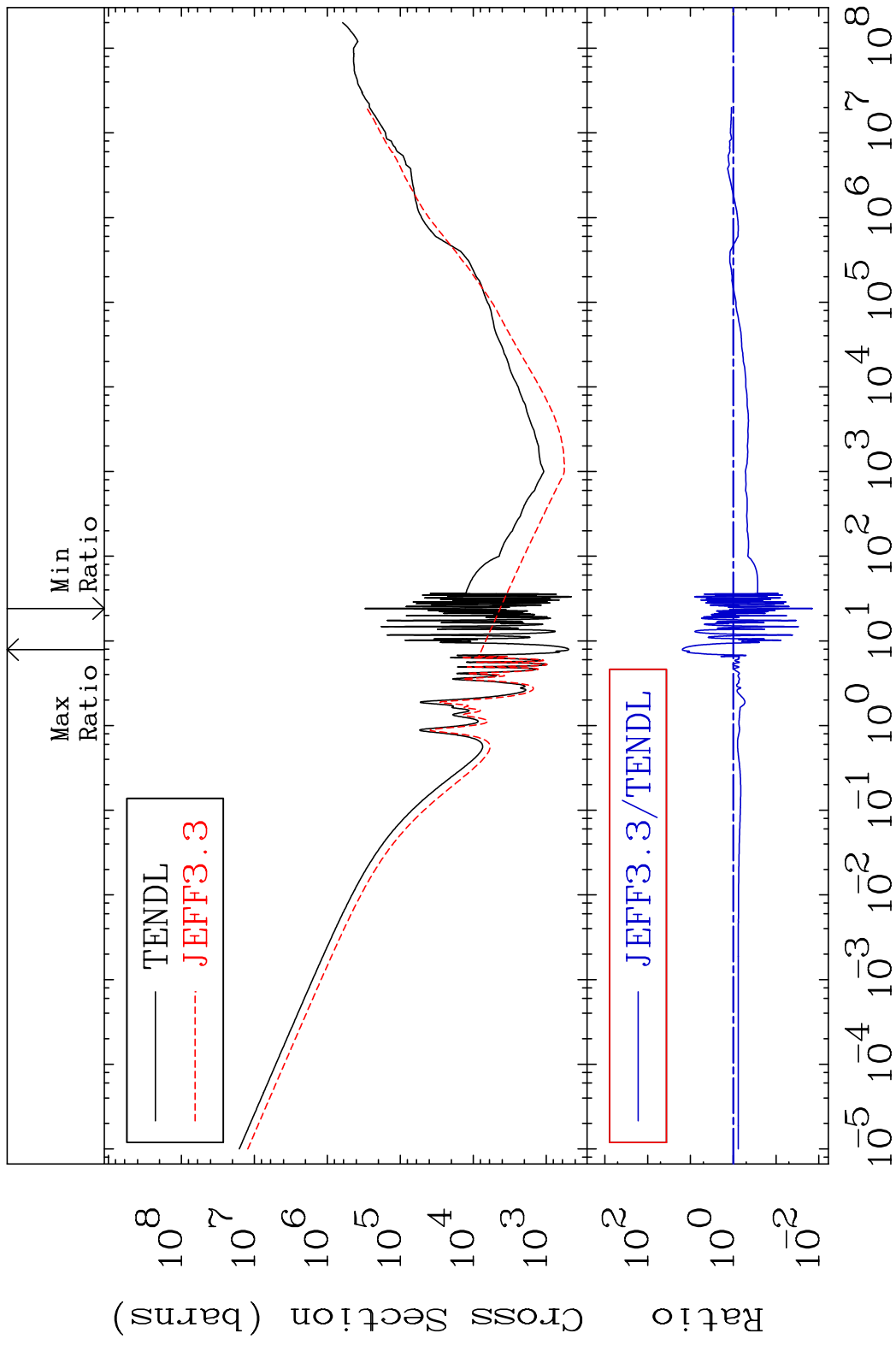


60 Incident Energy (eV) 63-Eu-152

MAT 6328 Total kinematic kerma (high limit) 63-Eu-152
 Cross Section -96.00 To 450.3 %

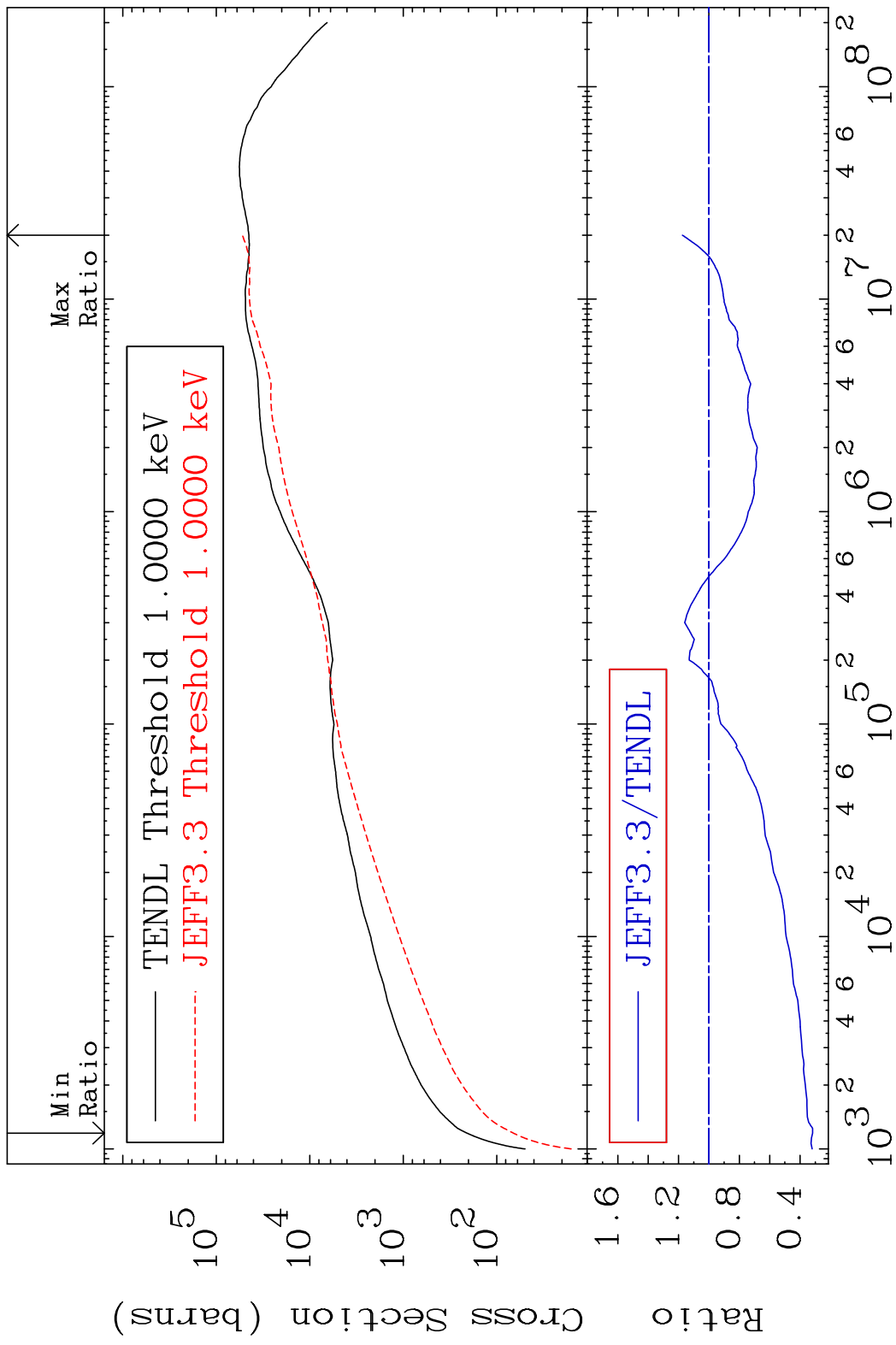


MAT 6328 Dpa total (eV-barns) 63-Eu-152
 Cross Section -98.60 To 1445. %



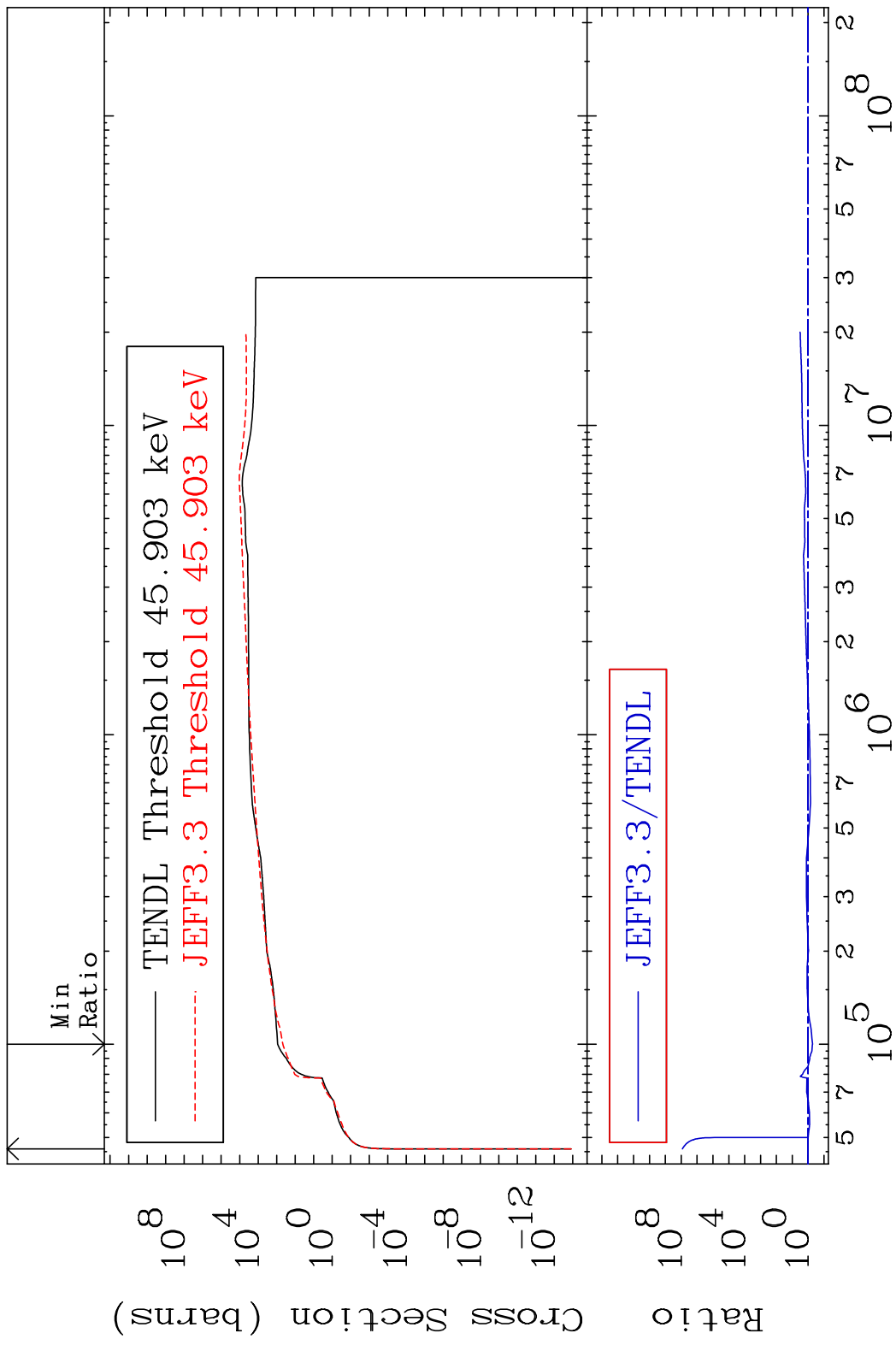
62 Incident Energy (eV) 63-Eu-152

MAT 6328 Dpa elastic (mt2) 63-Eu-152
 Cross Section -68.22 To 17.49 %

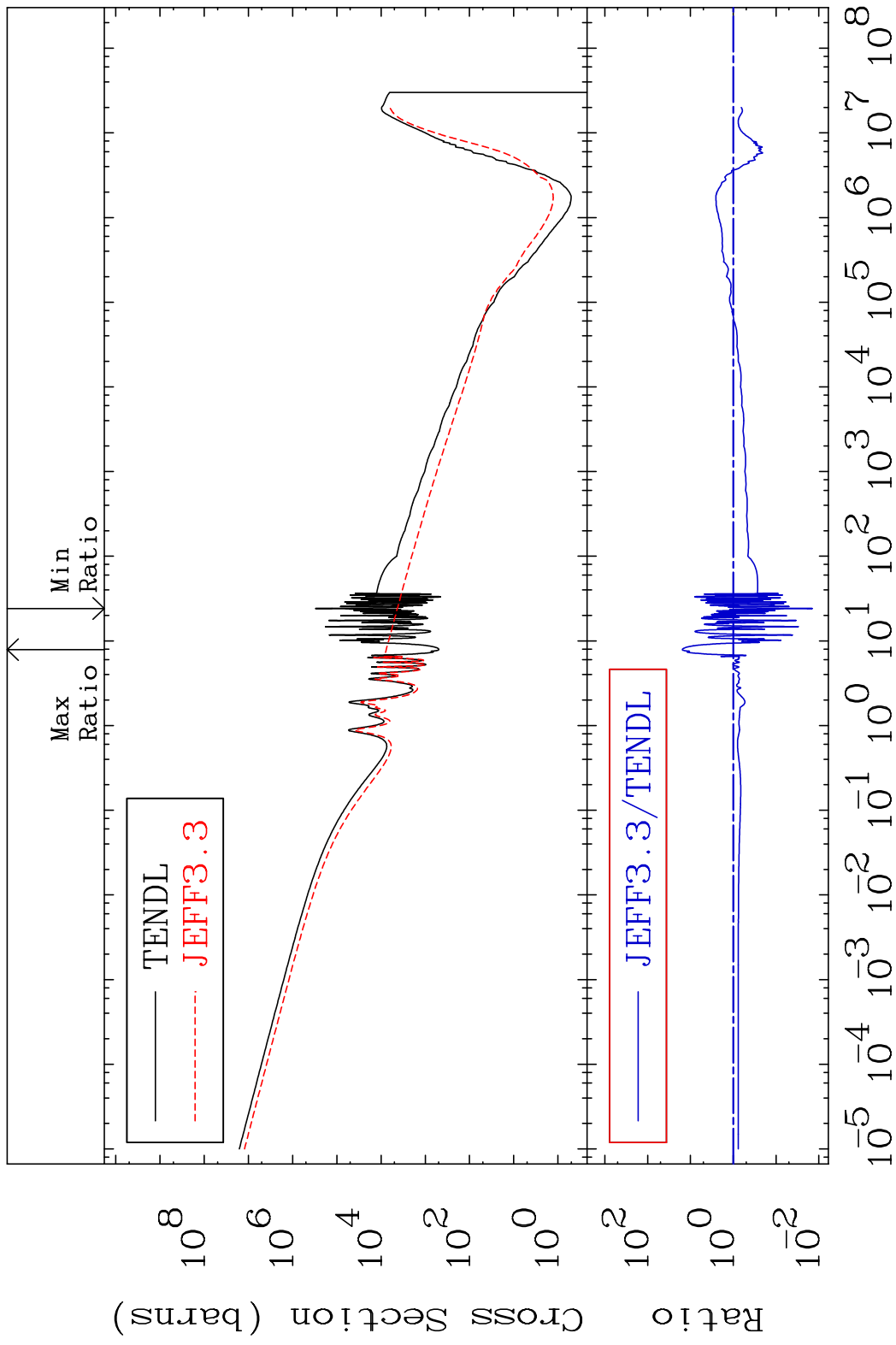


63 Incident Energy (eV) 63-Eu-152

MAT 6328 Dpa inelastic (mt51-91) 63-Eu-152
 Cross Section -47.31 To 9999. %



MAT 6328 Dpa disappearance (mt102 -120) 63-Eu-152
 Cross Section -98.60 To 1445. %



65 Incident Energy (eV) 63-Eu-152