

Program Complot
(Version 2021-1)

by

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U.S.A.

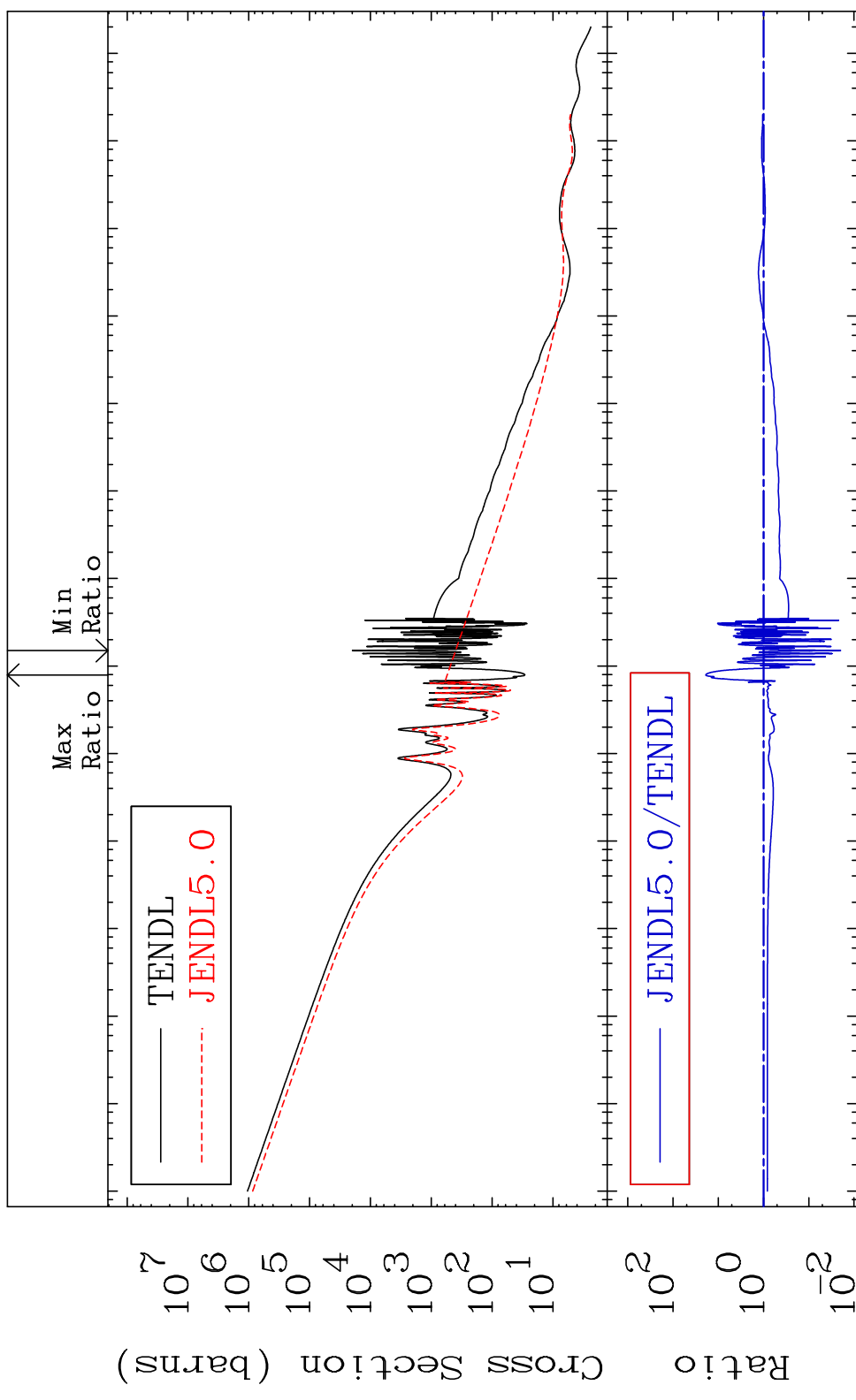
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6328

Total Cross Section -98.00 To 1785. %
63-Eu-152

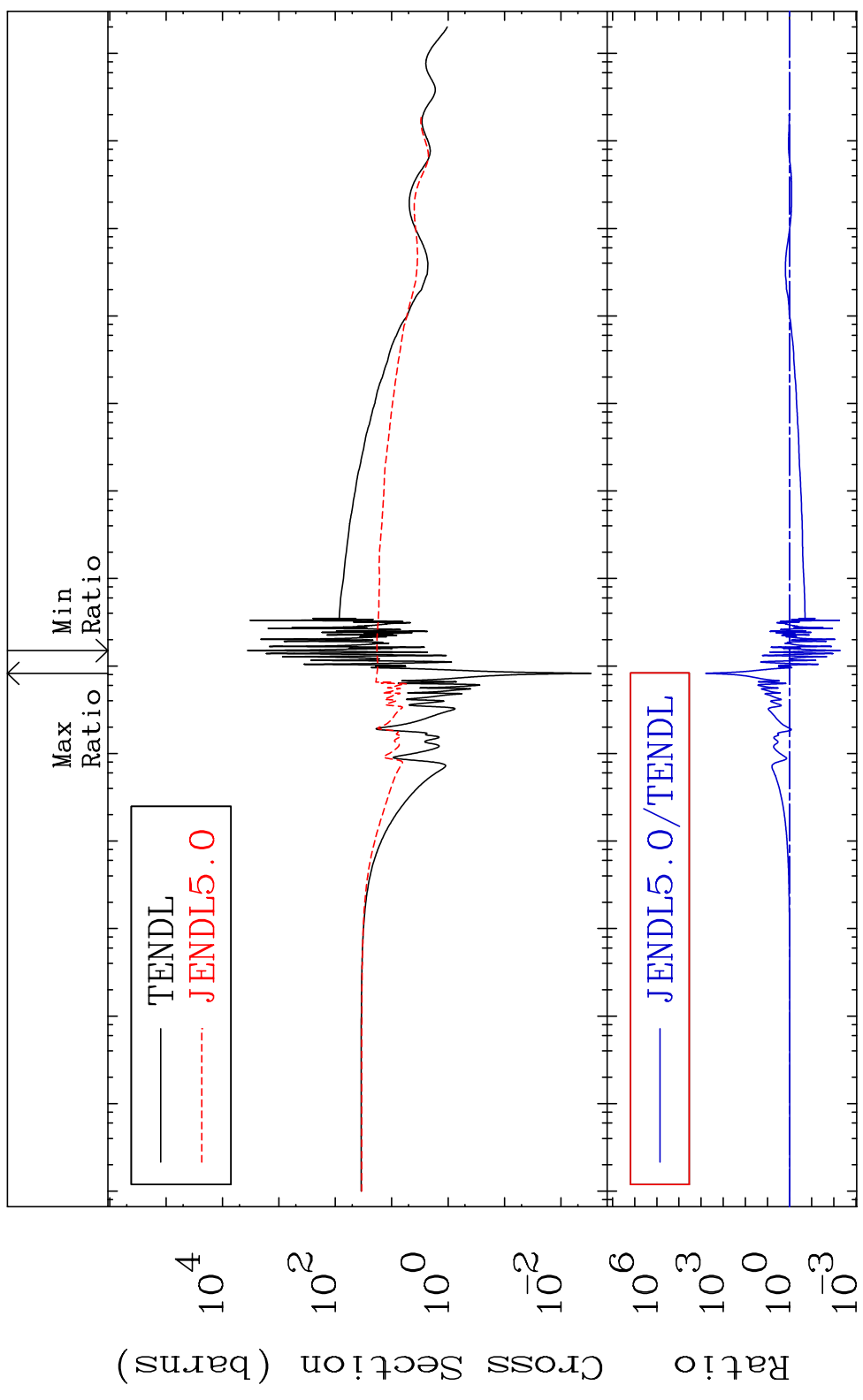


1 Incident Energy (eV) 63-Eu-152

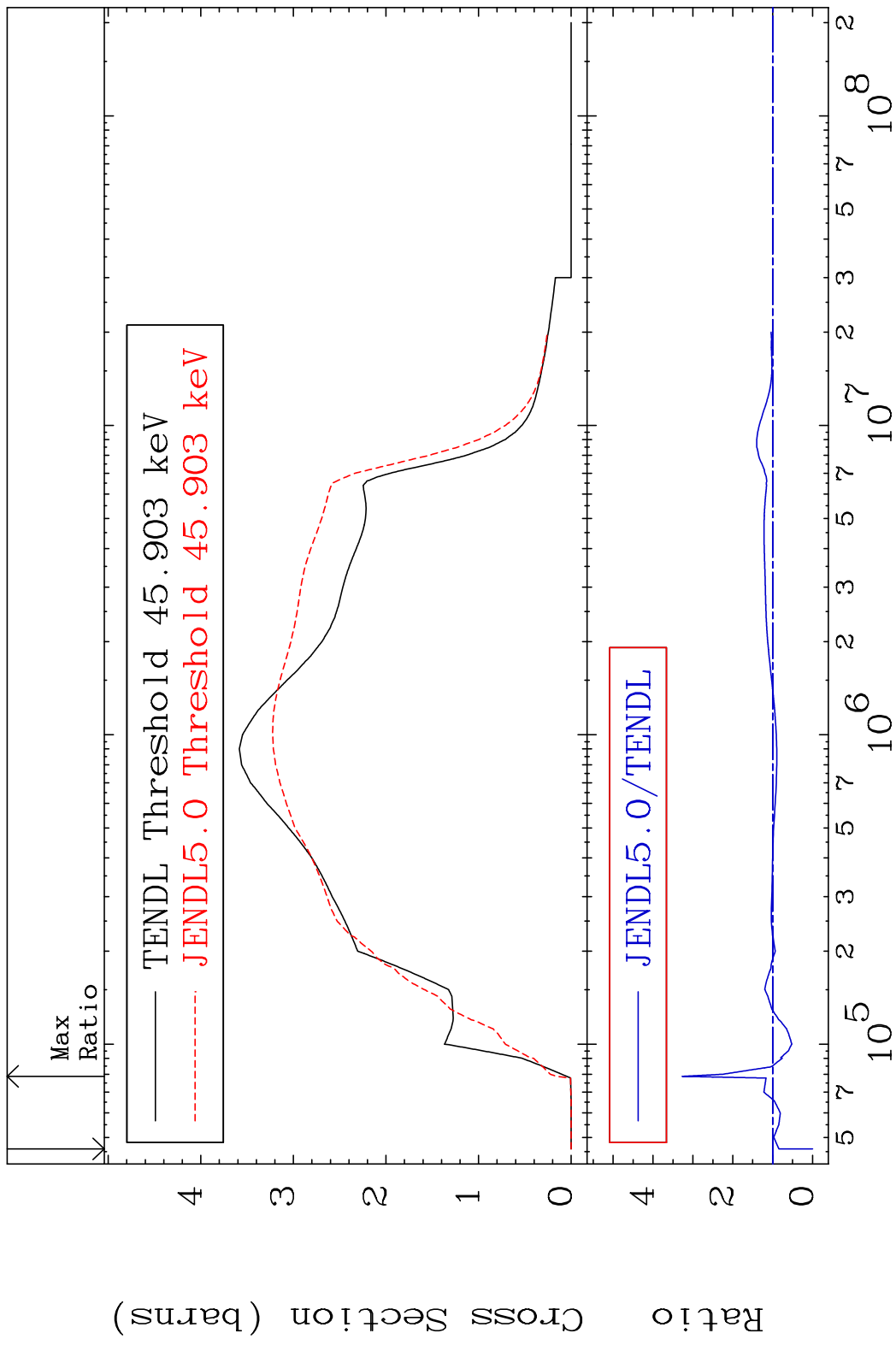
MAT 6328

Elastic Cross Section -99.49 To 9999. %

63-Eu-152



MAT 6328 Inelastic 63-Eu-152
 Cross Section -100.0 To 226.5 %



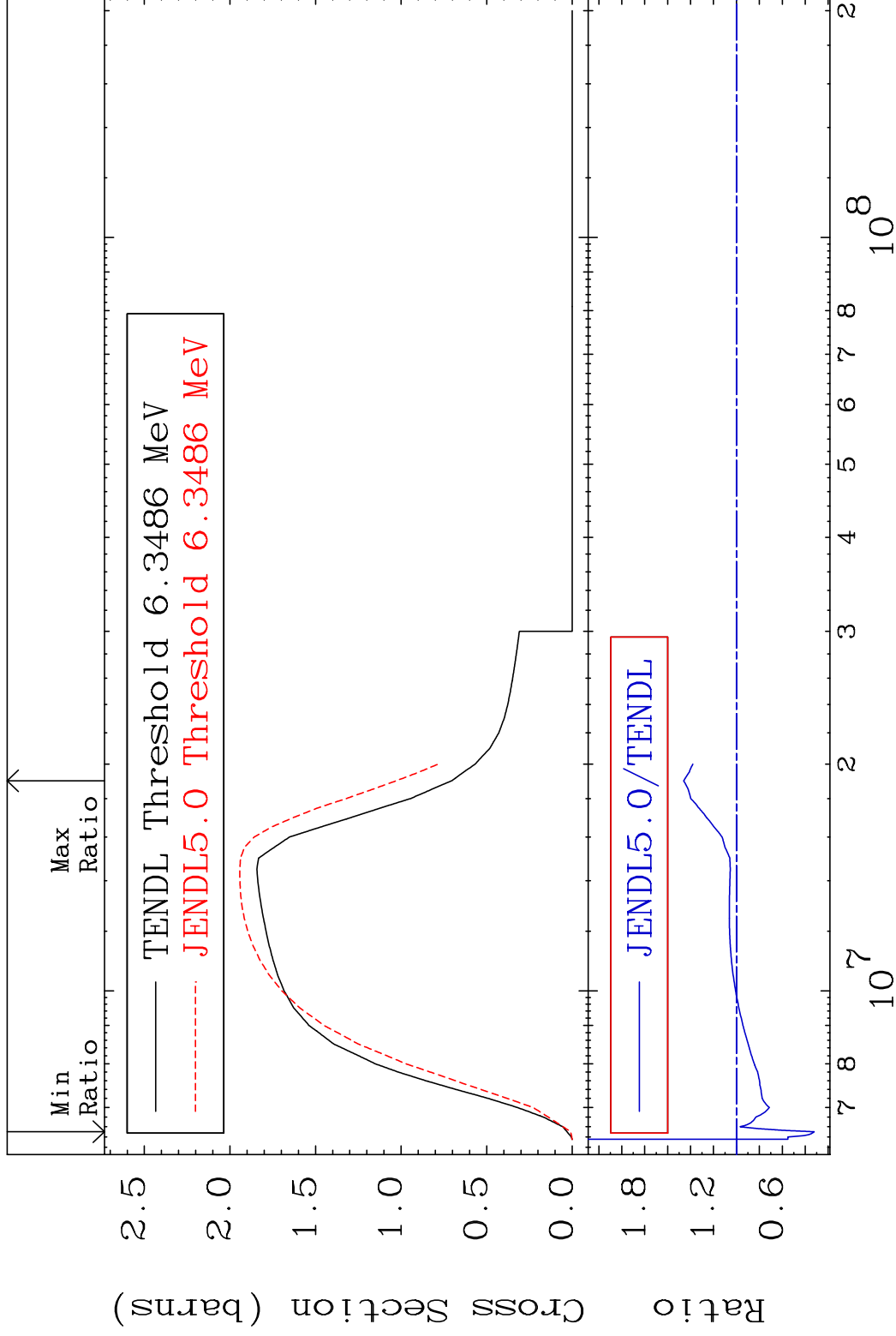
3 Incident Energy (eV) 63-Eu-152

MAT 6328

(n,2n)

63-Eu-152

Cross Section -67.74 To 46.02 %

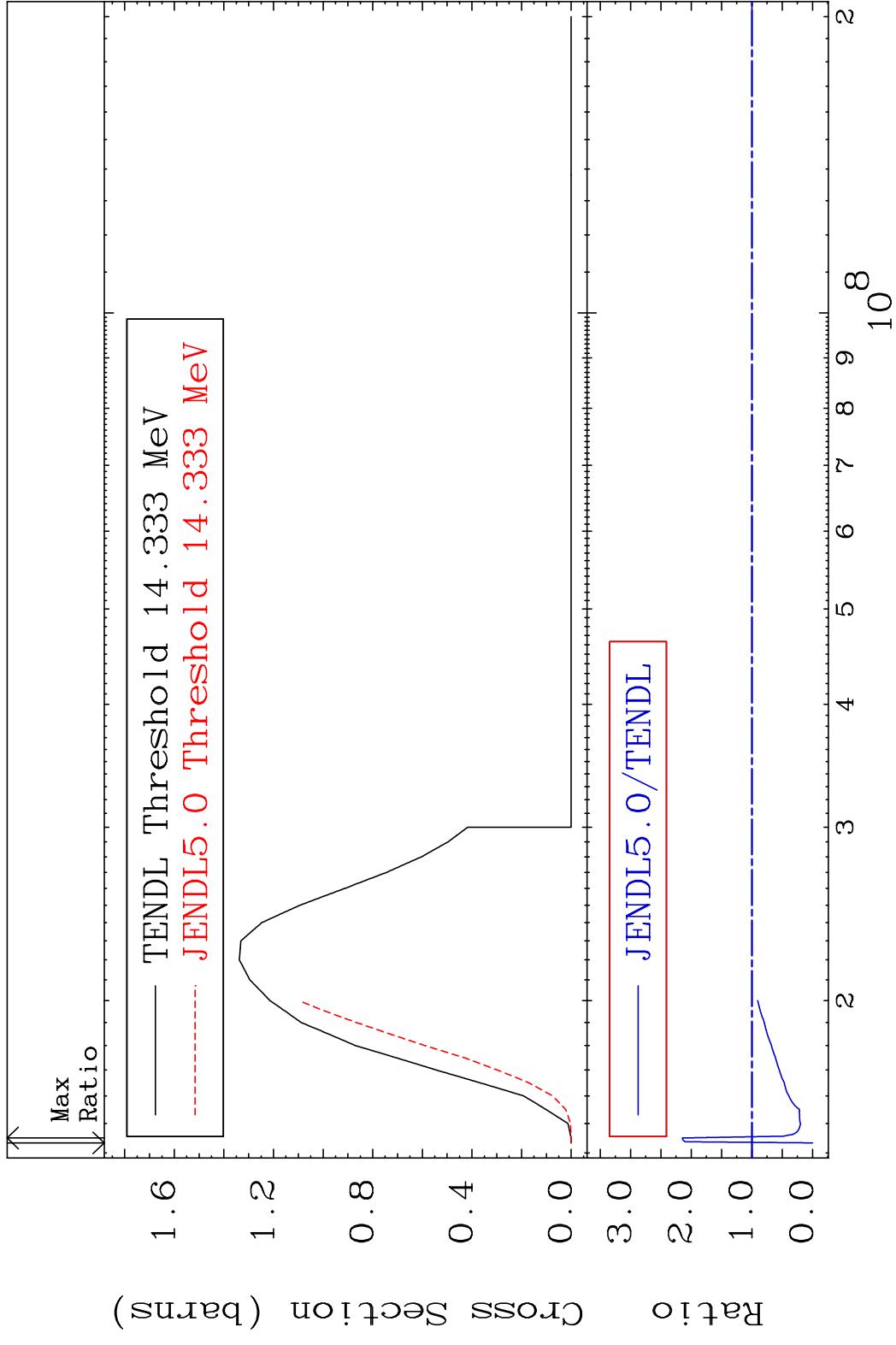


4

Incident Energy (eV)

63-Eu-152

MAT 6328 (n,3n) 63-Eu-152
 Cross Section -100.0 To 114.7 %

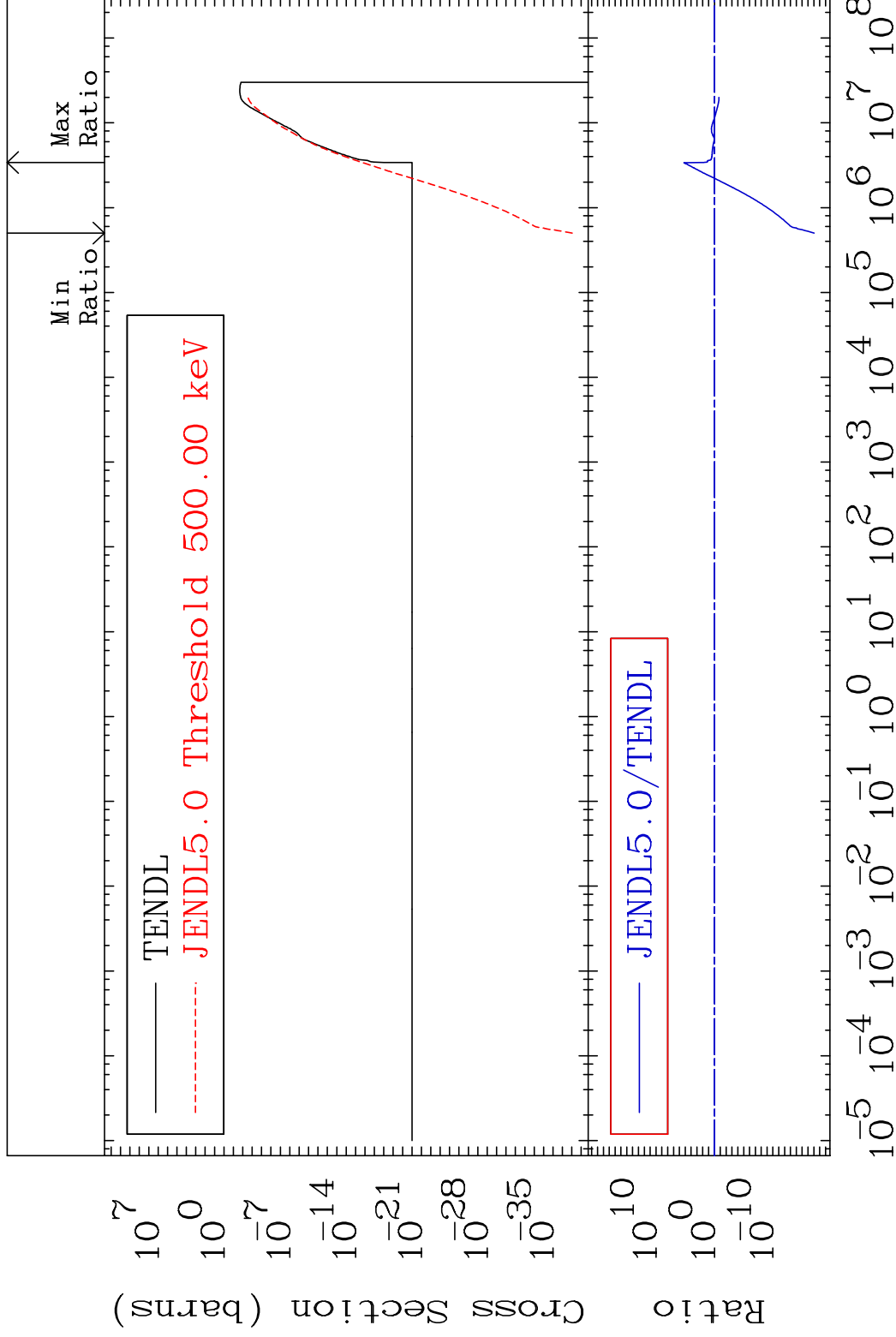


MAT 6328

(n, n') α

63-Eu-152

Cross Section -100.0 To 9999. %



63-Eu-152

Incident Energy (eV)

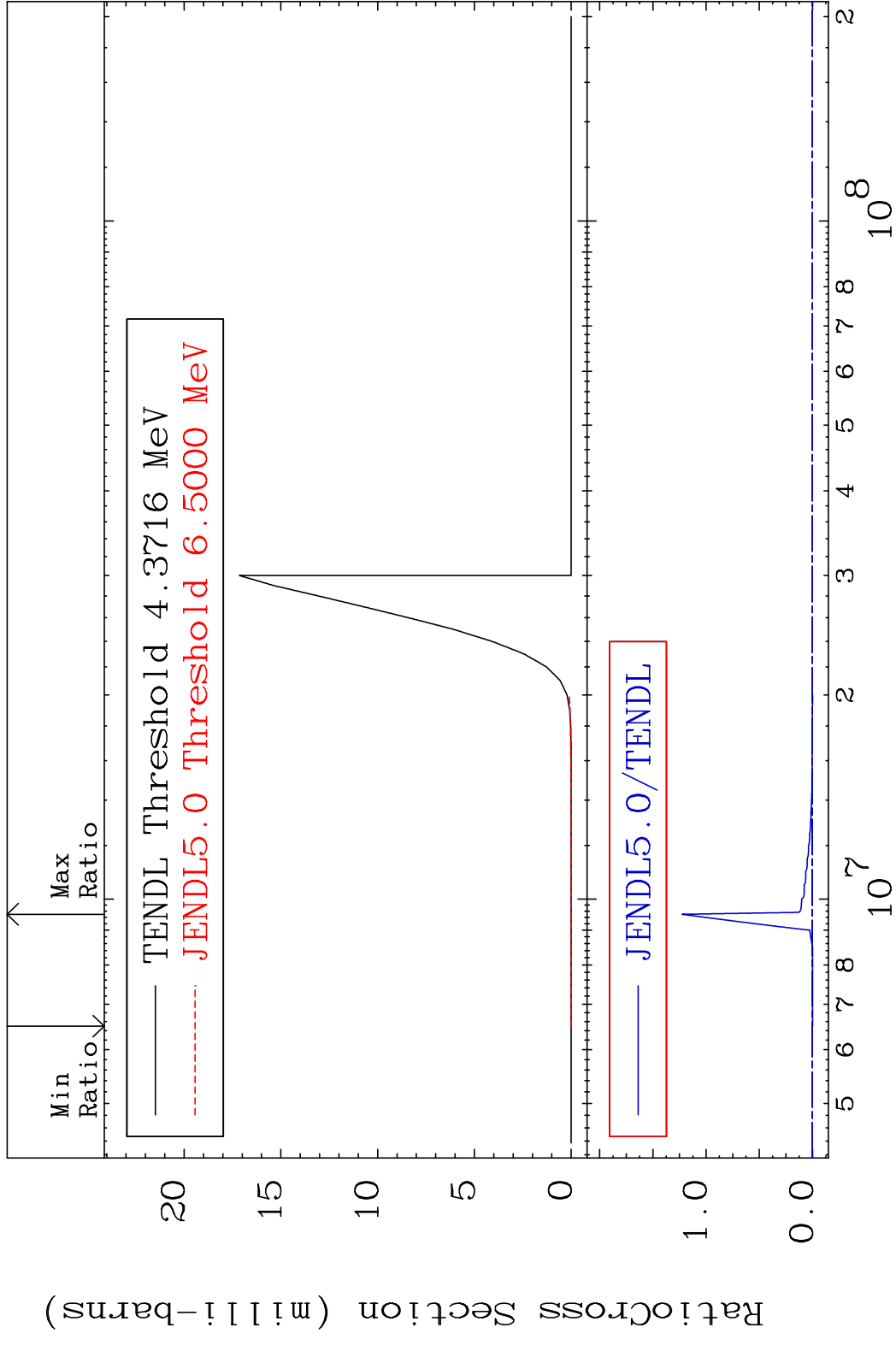
6

MAT 6328

(n,2n) α

63-Eu-152

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

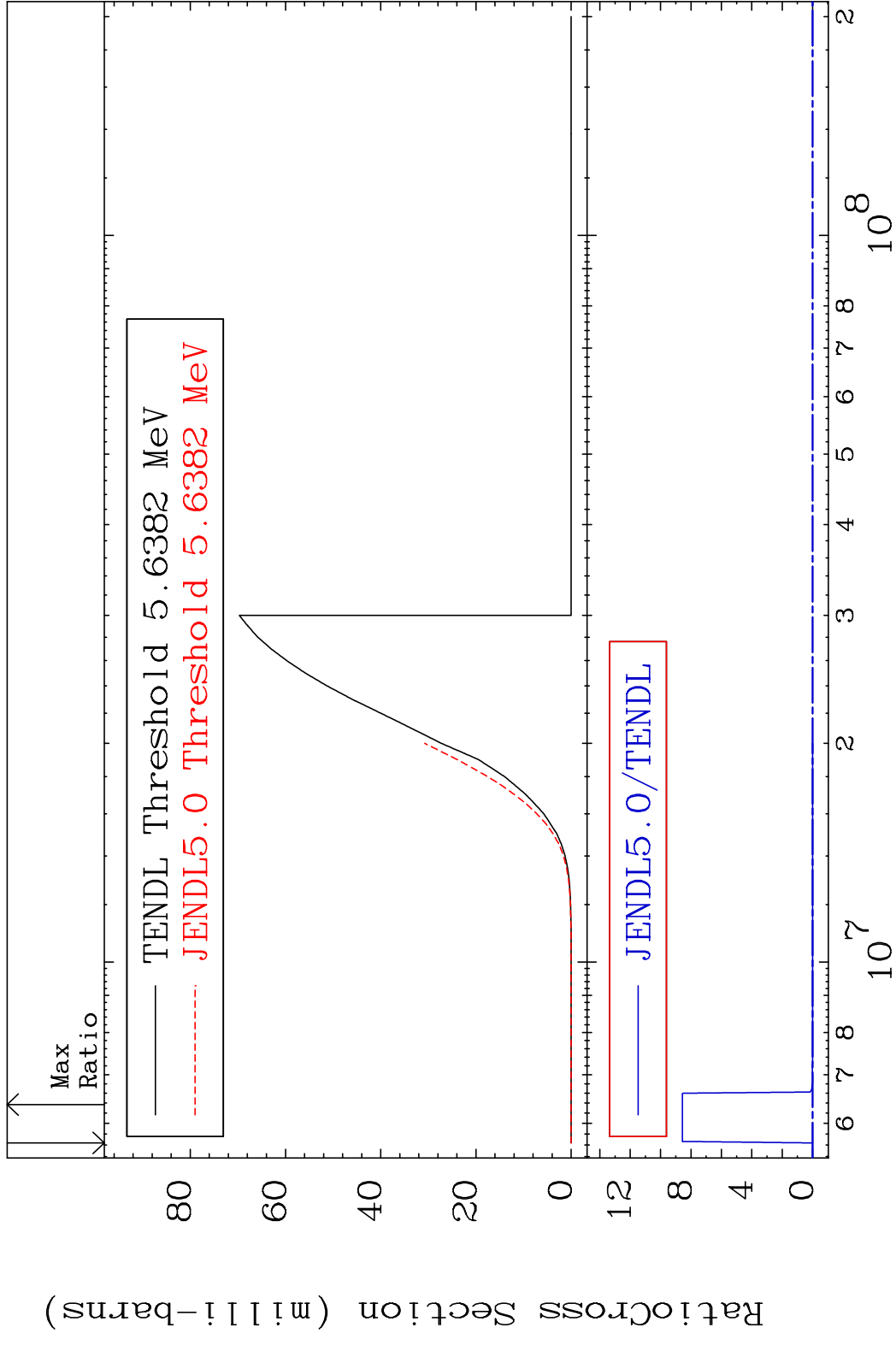
63-Eu-152

MAT 6328

(n, n') p

63-Eu-152

Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

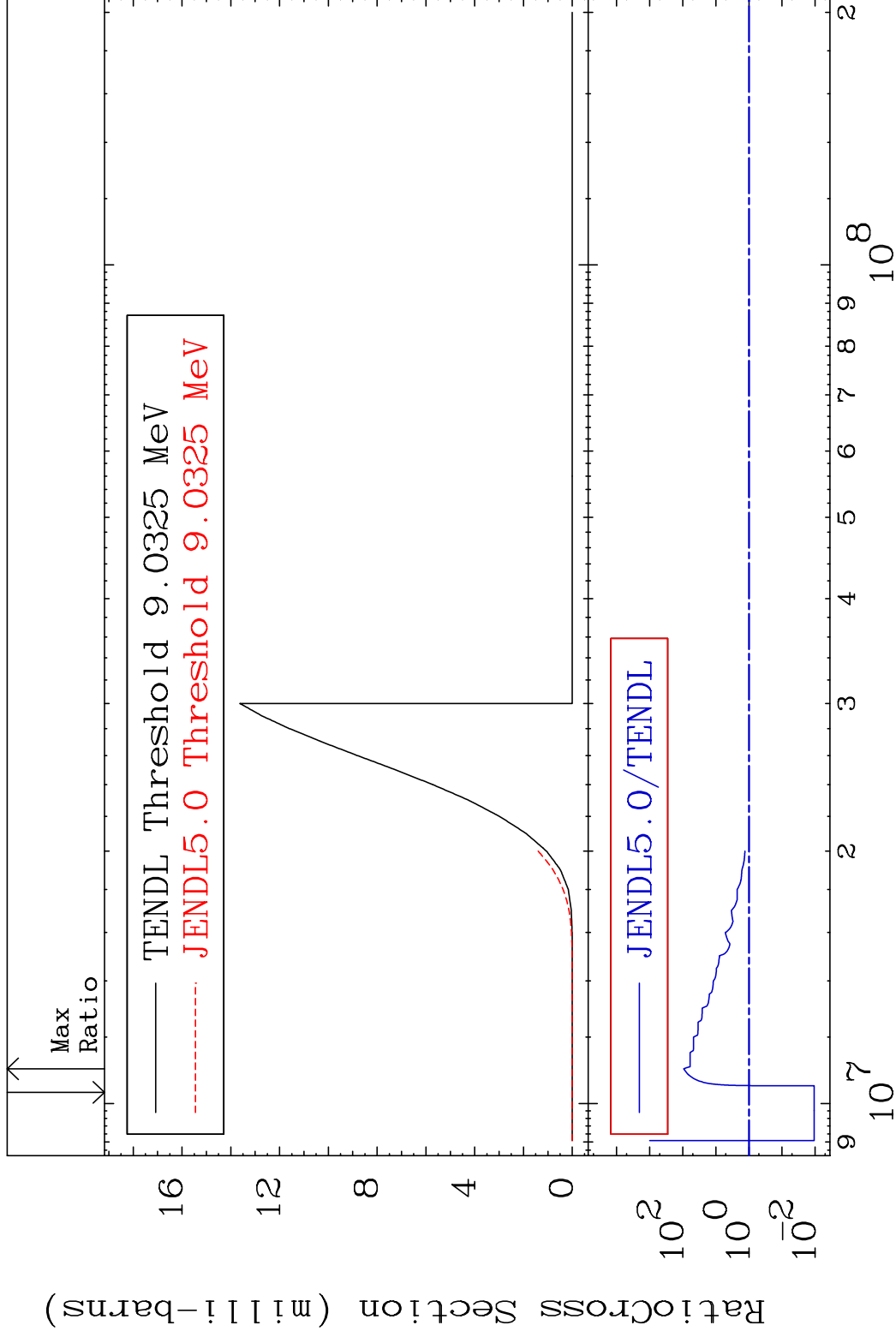
63-Eu-152

MAT 6328

(n, n') d

63-Eu-152

Cross Section -98.93 To 9306. %



9

Incident Energy (eV)

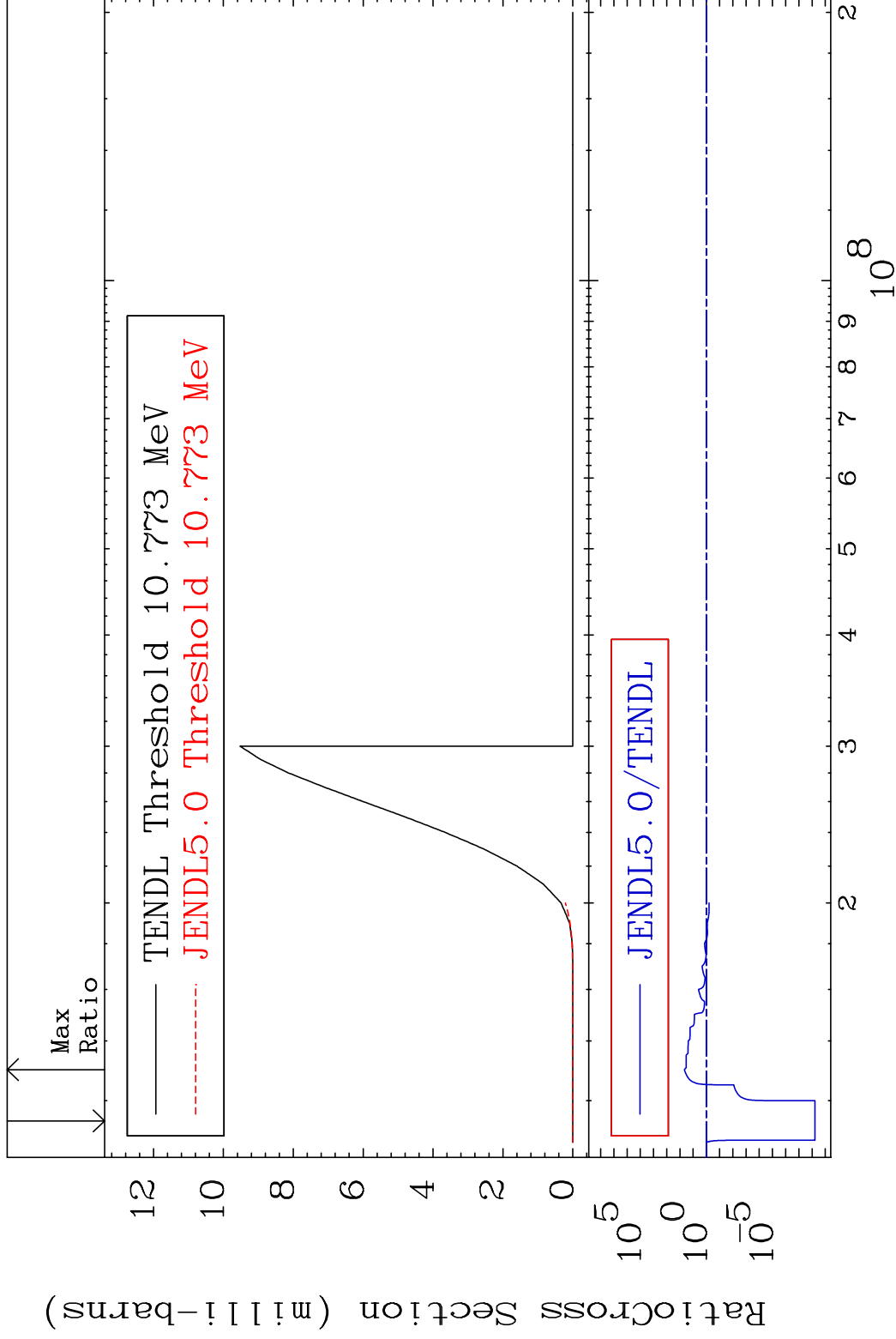
63-Eu-152

MAT 6328

(n, n') t

63-Eu-152

Cross Section -100.0 To 4565. %



10

Incident Energy (eV)

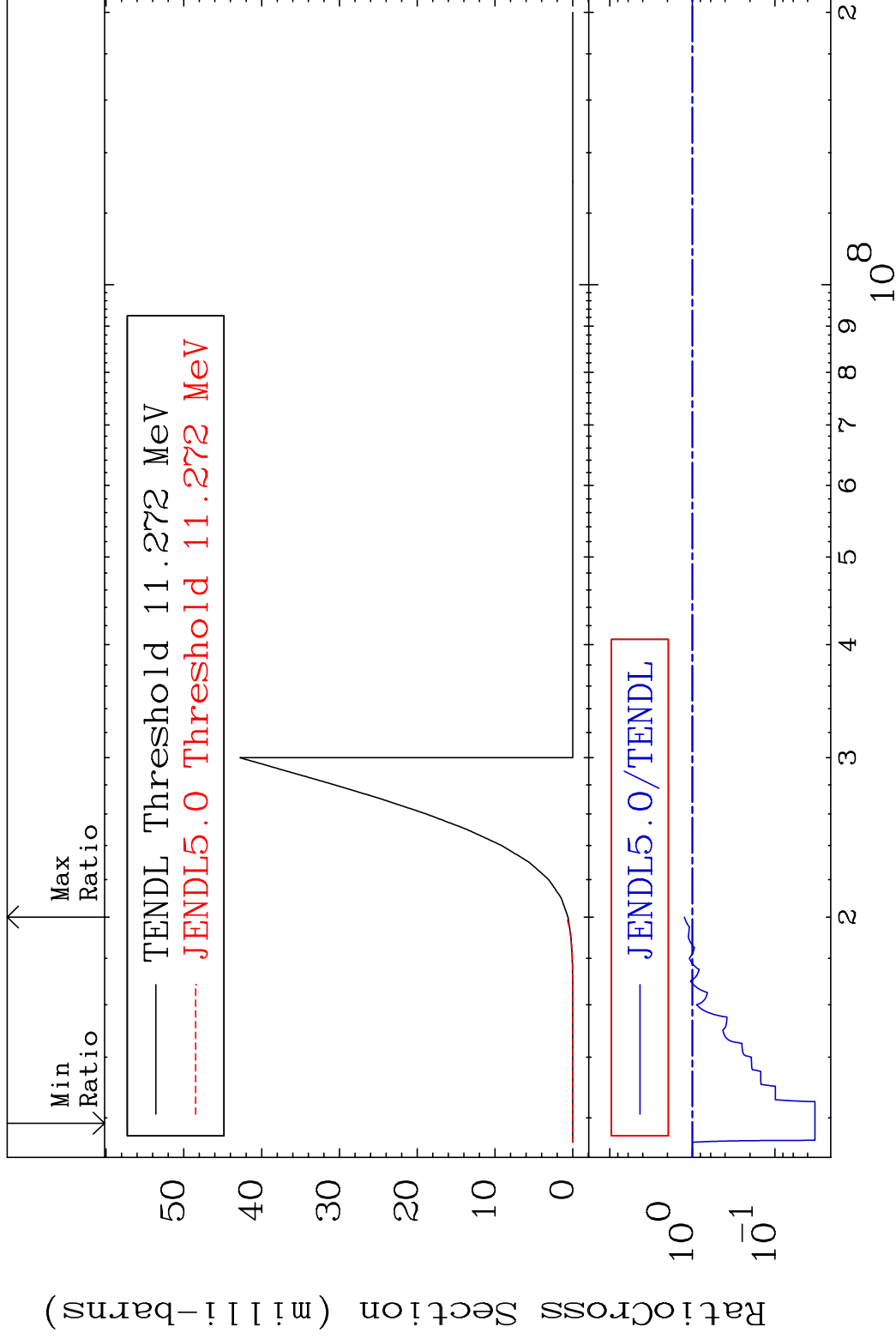
63-Eu-152

MAT 6328

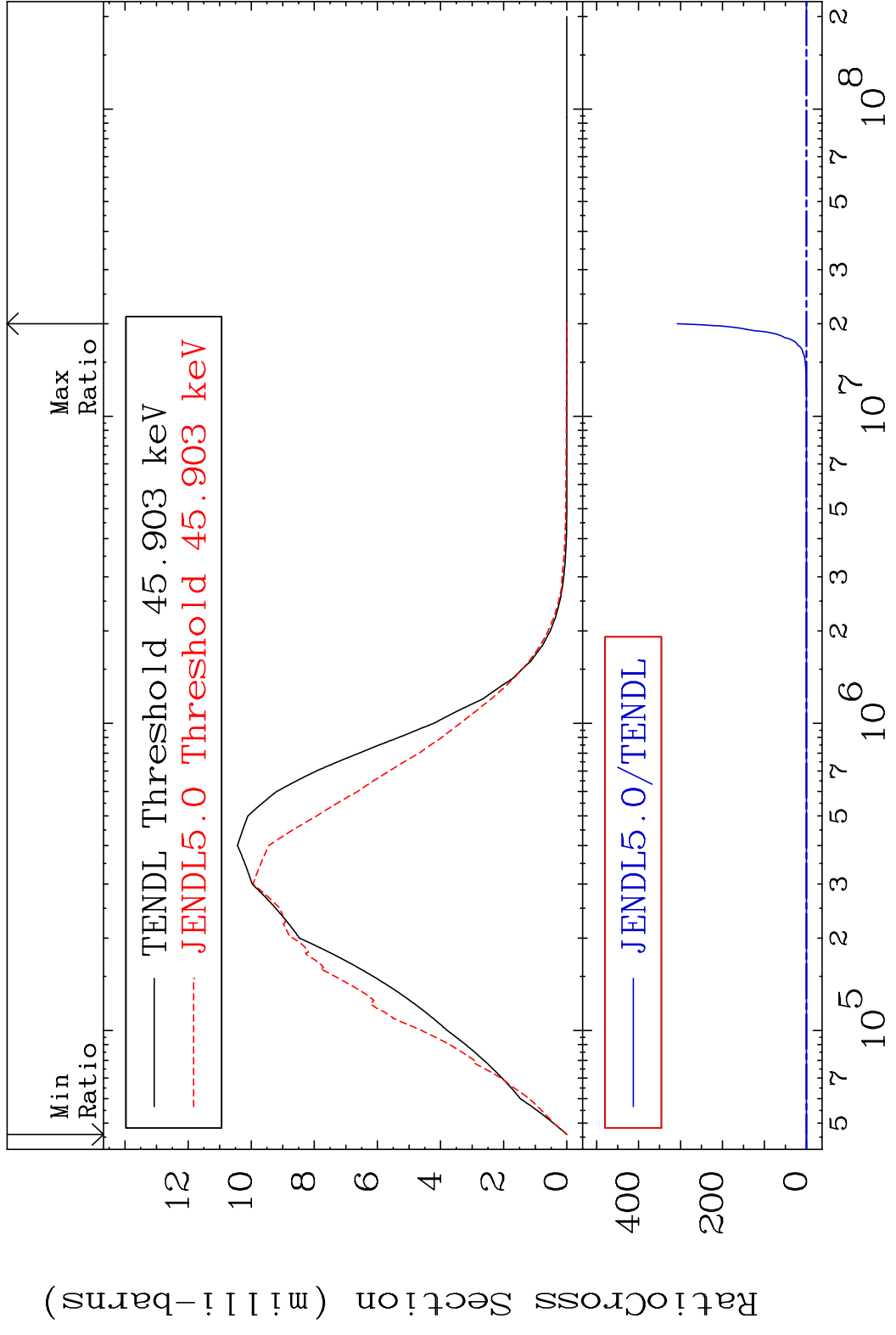
(n,2n) p

63-Eu-152

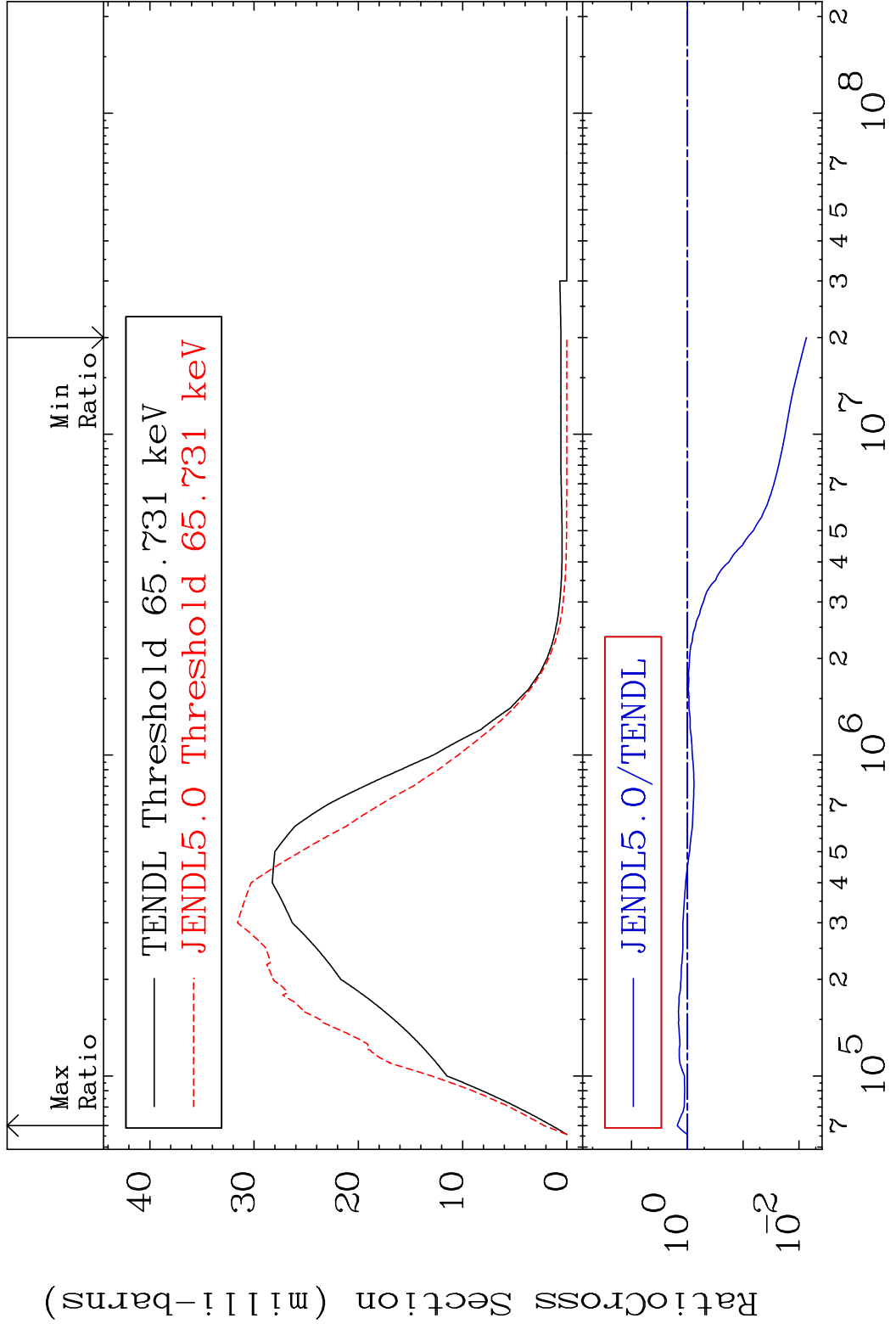
Cross Section -96.73 To 24.95 %



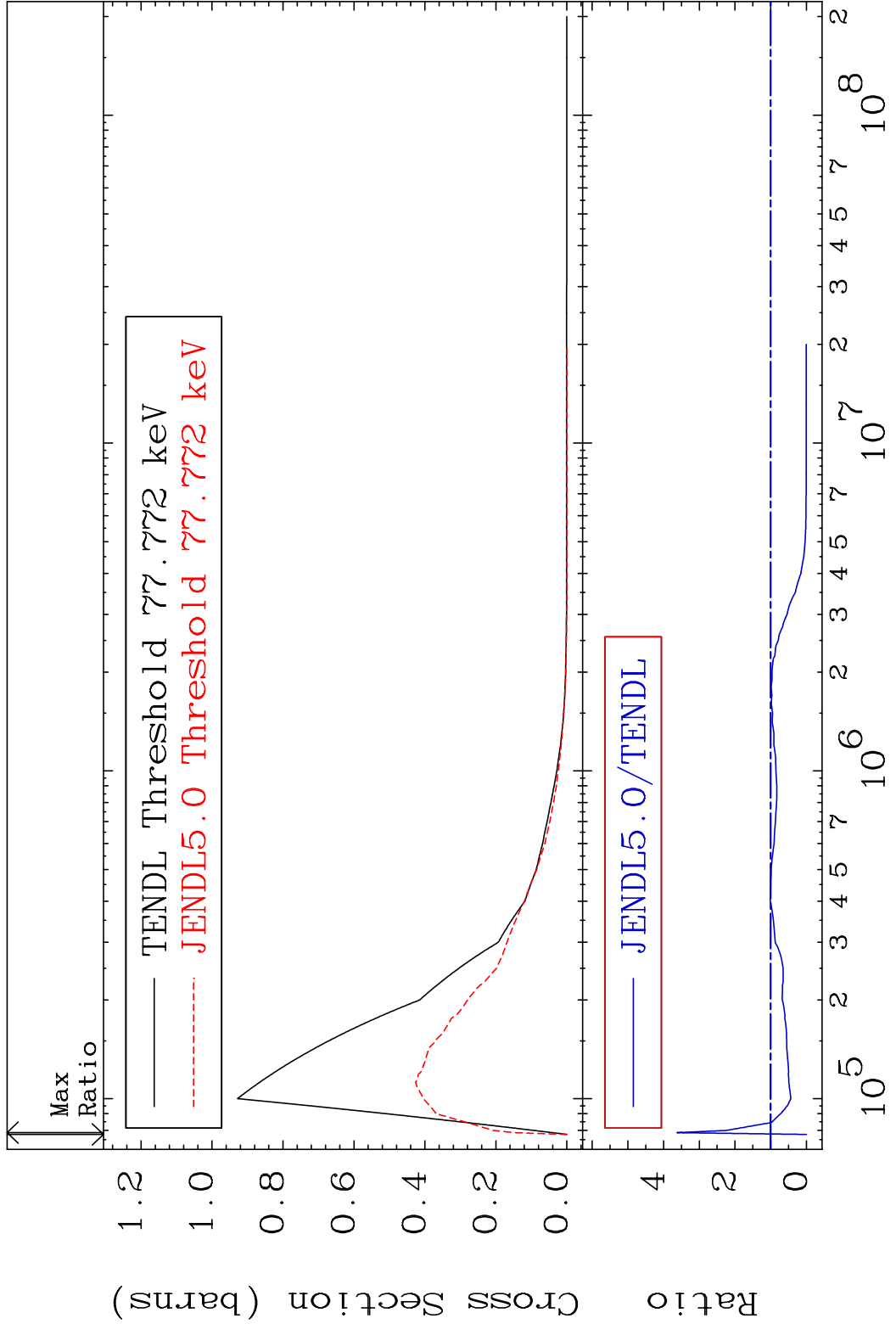
MAT 6328 MT= 51 (n,n') Level 63-Eu-152
 Cross Section -100.0 To 9999. %



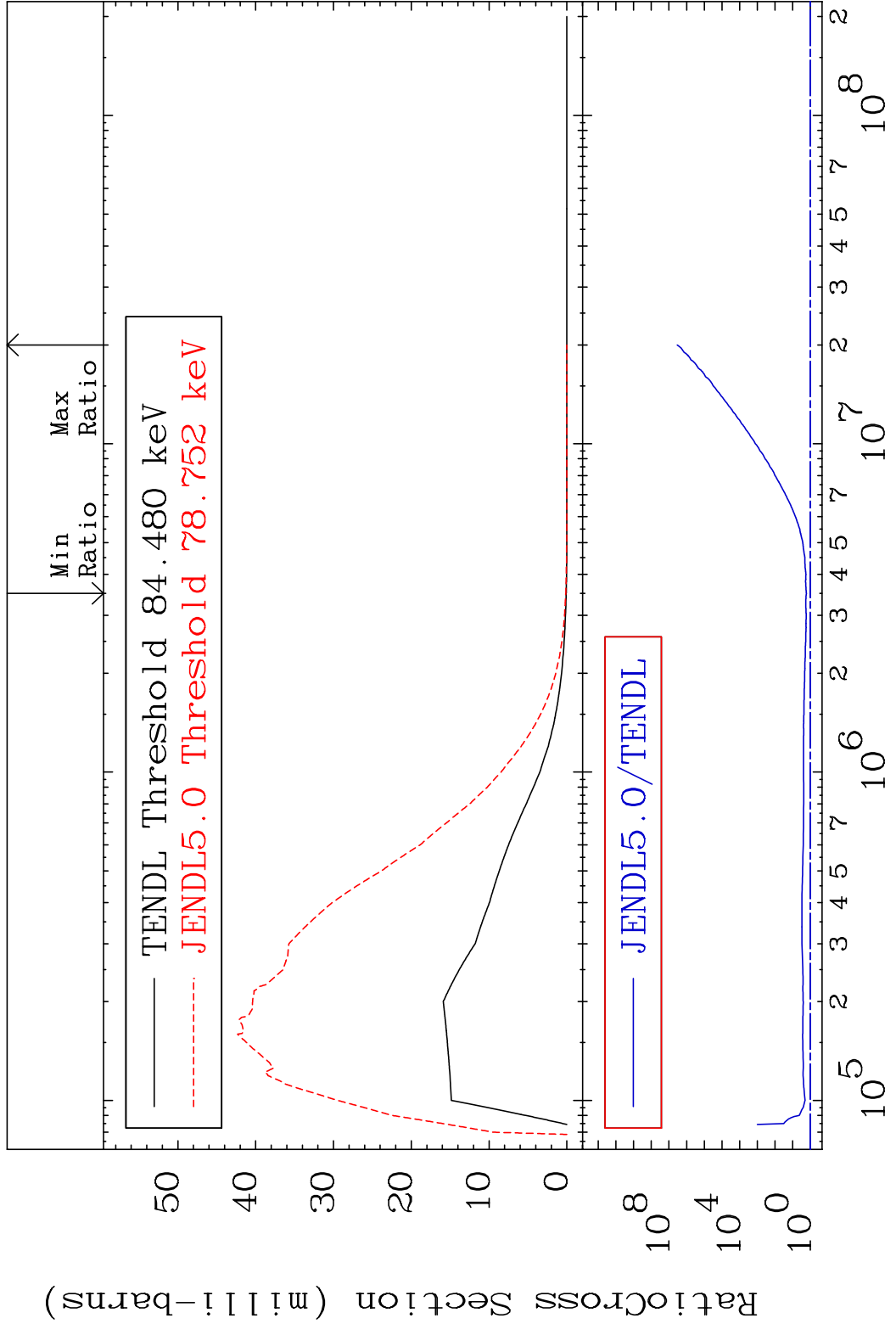
MAT 6328 MT= 52 (n, n') Level 63-Eu-152
 Cross Section -99.27 To 51.92 %



MAT 6328 MT= 53 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 262.0 %

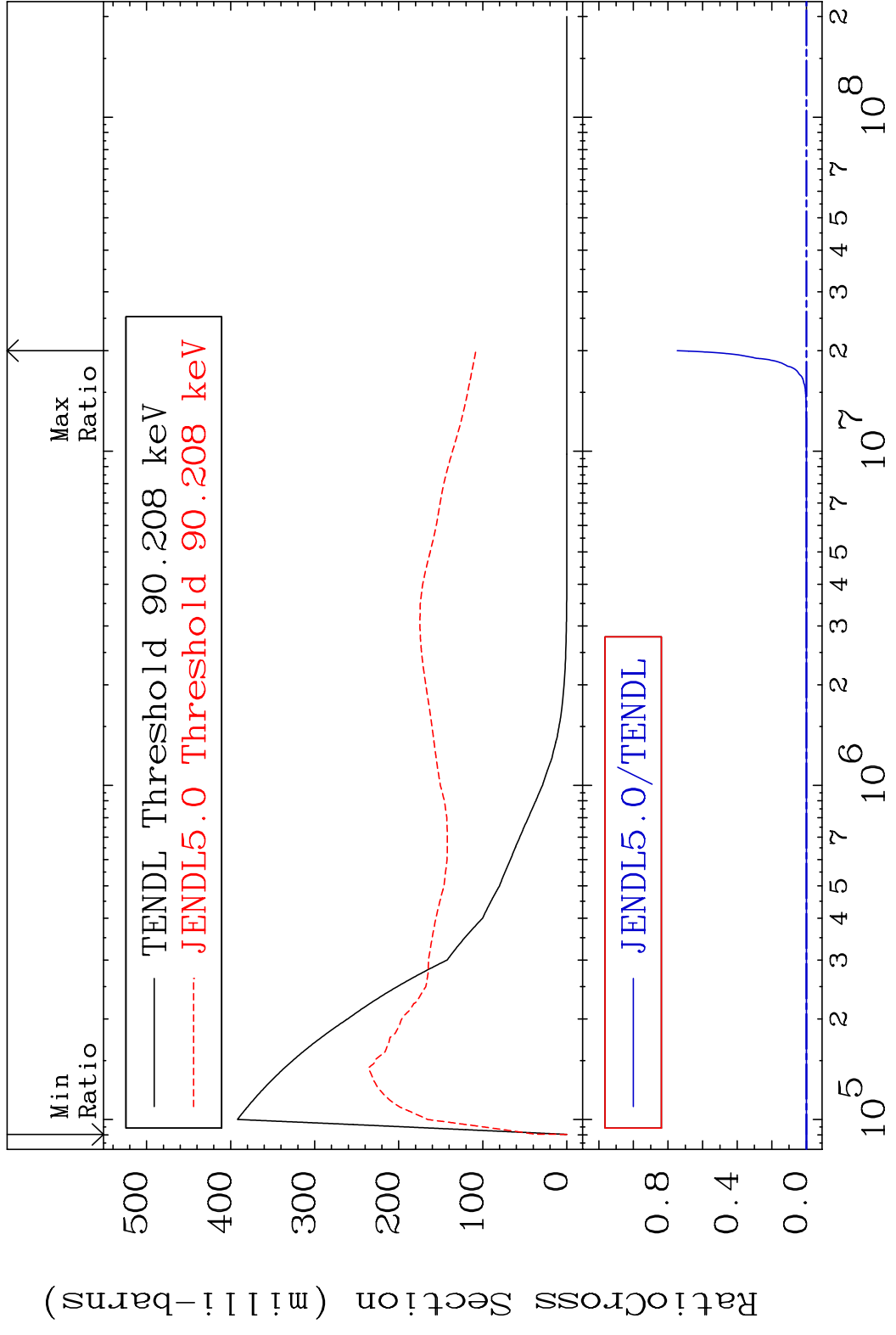


MAT 6328 MT= 54 (n, n') Level 63-Eu-152
 Cross Section 67.31 To 9999. %



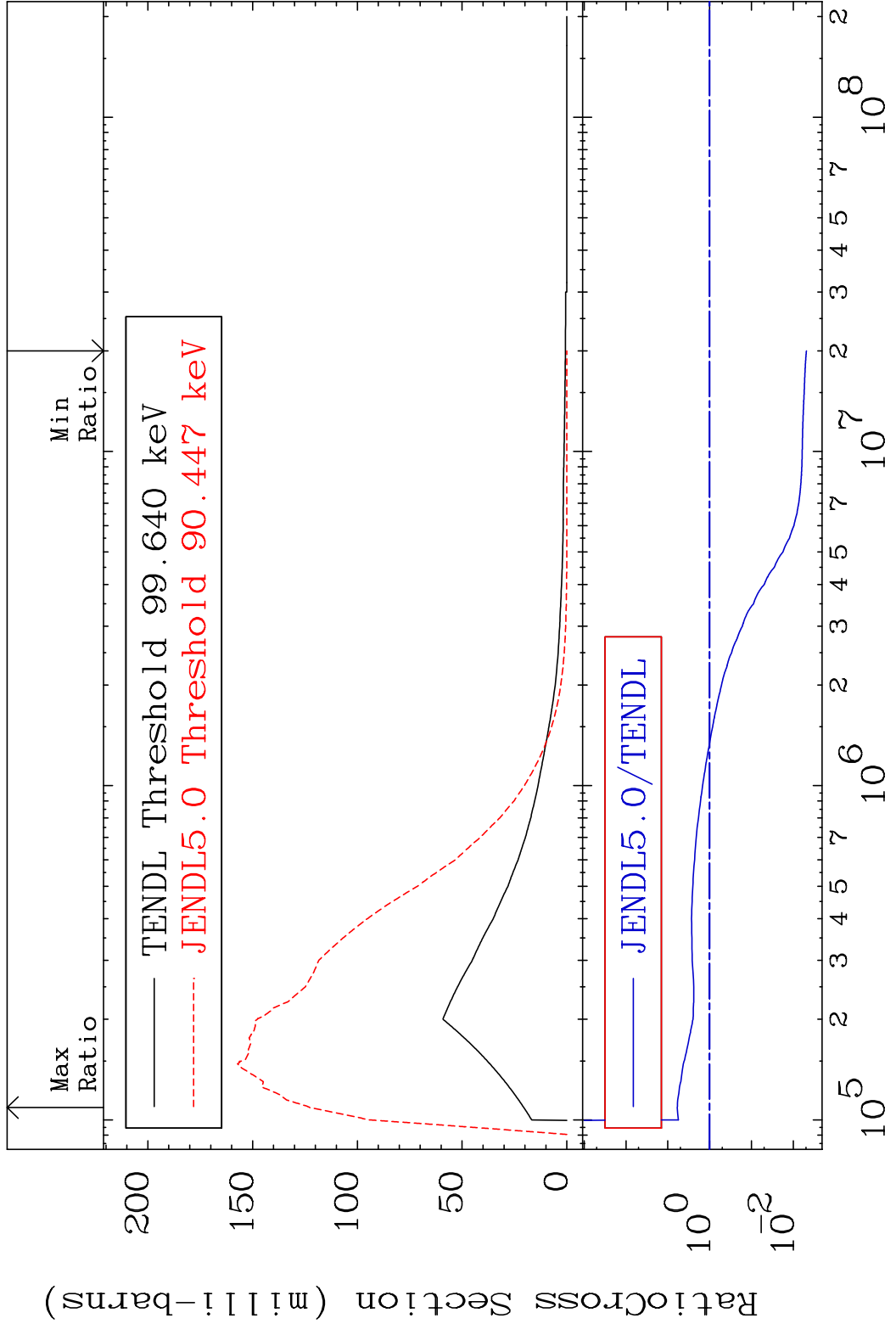
15 Incident Energy (eV) 63-Eu-152

MAT 6328 MT= 55 (n,n') Level 63-Eu-152
 Cross Section -100.0 To 9999. %



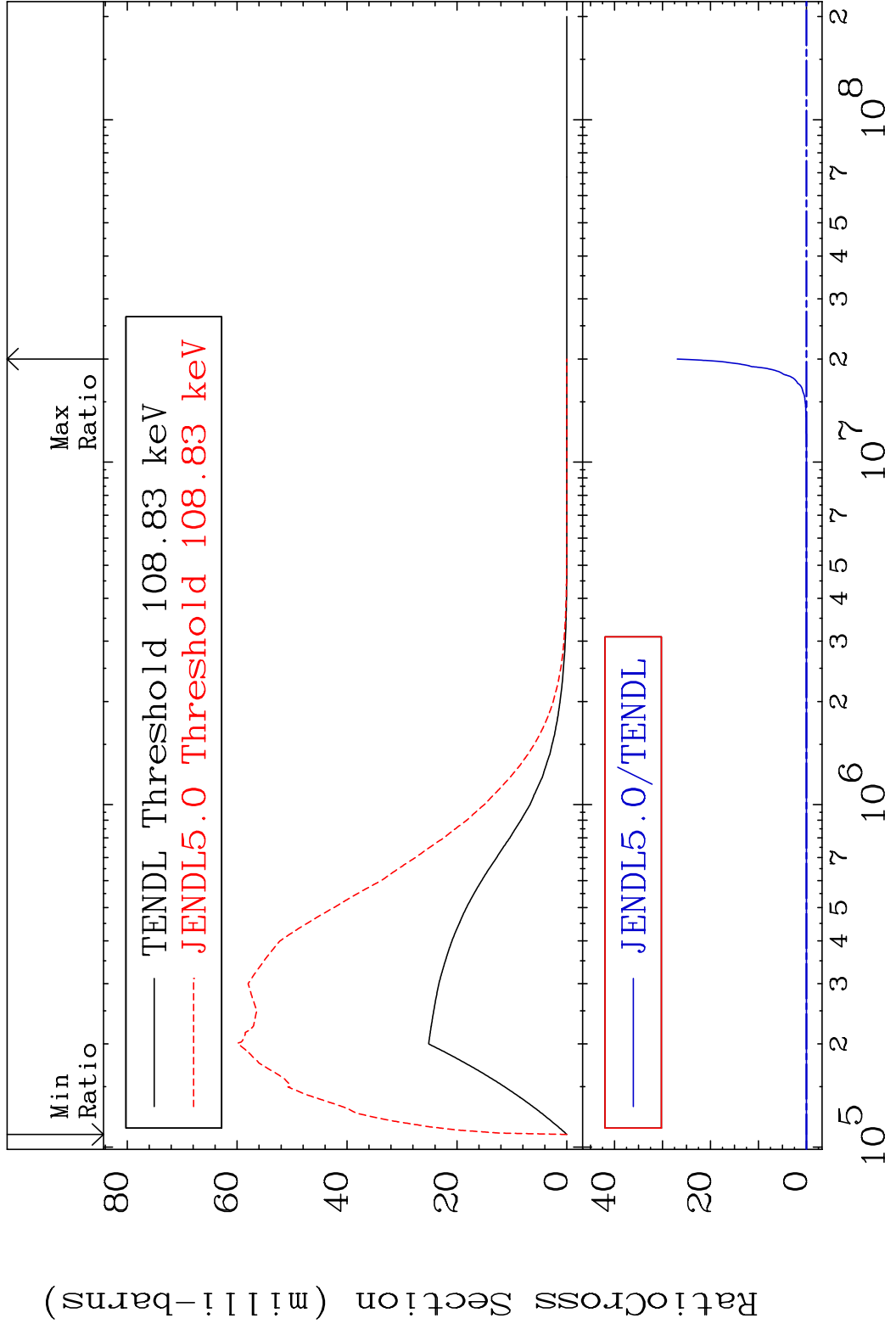
16 Incident Energy (eV) 63-Eu-152

MAT 6328 MT= 56 (n,n') Level 63-Eu-152
 Cross Section -99.51 To 497.3 %



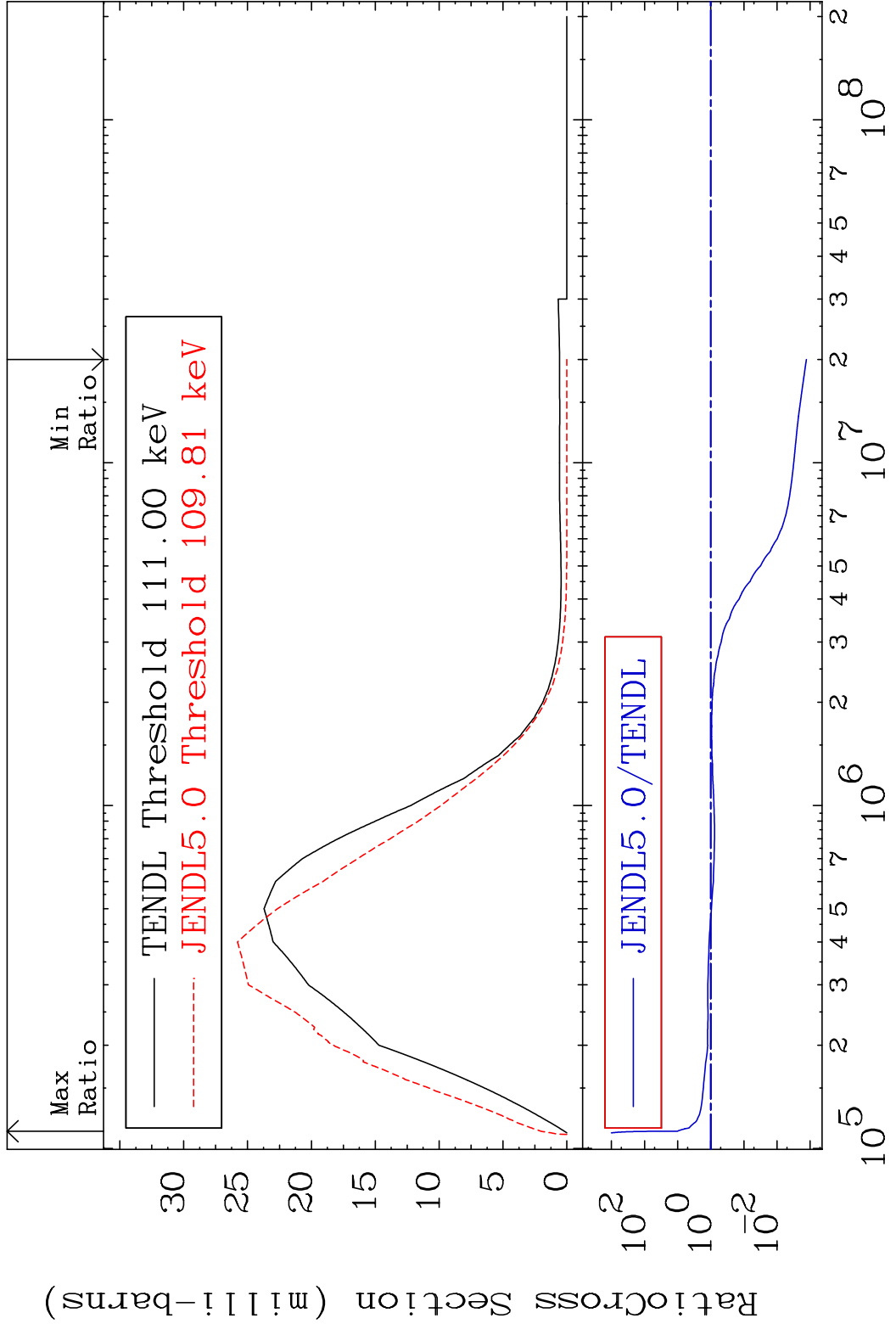
17 Incident Energy (eV) 63-Eu-152

MAT 6328 MT= 57 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 9999. %

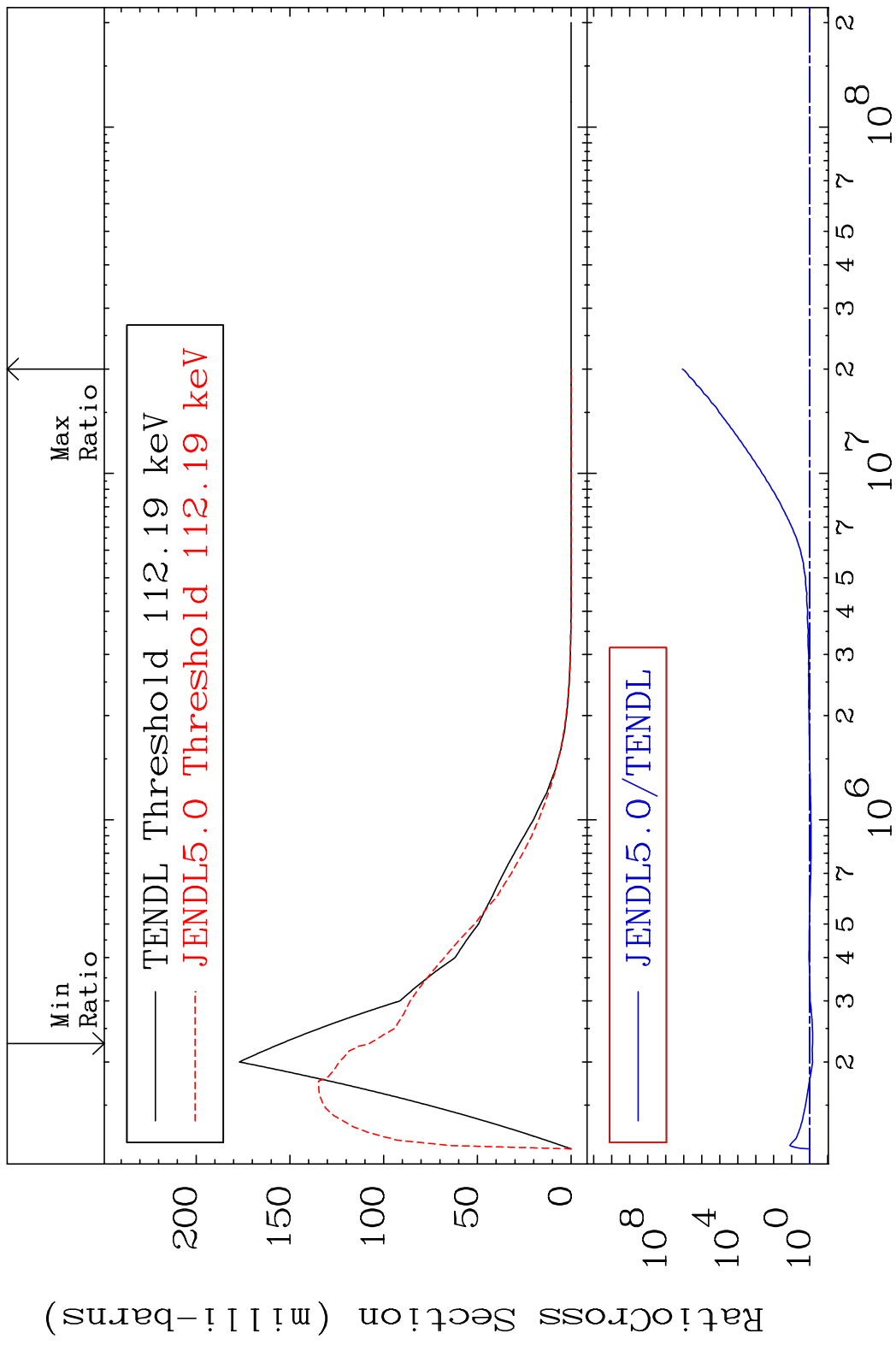


18 Incident Energy (eV) 63-Eu-152

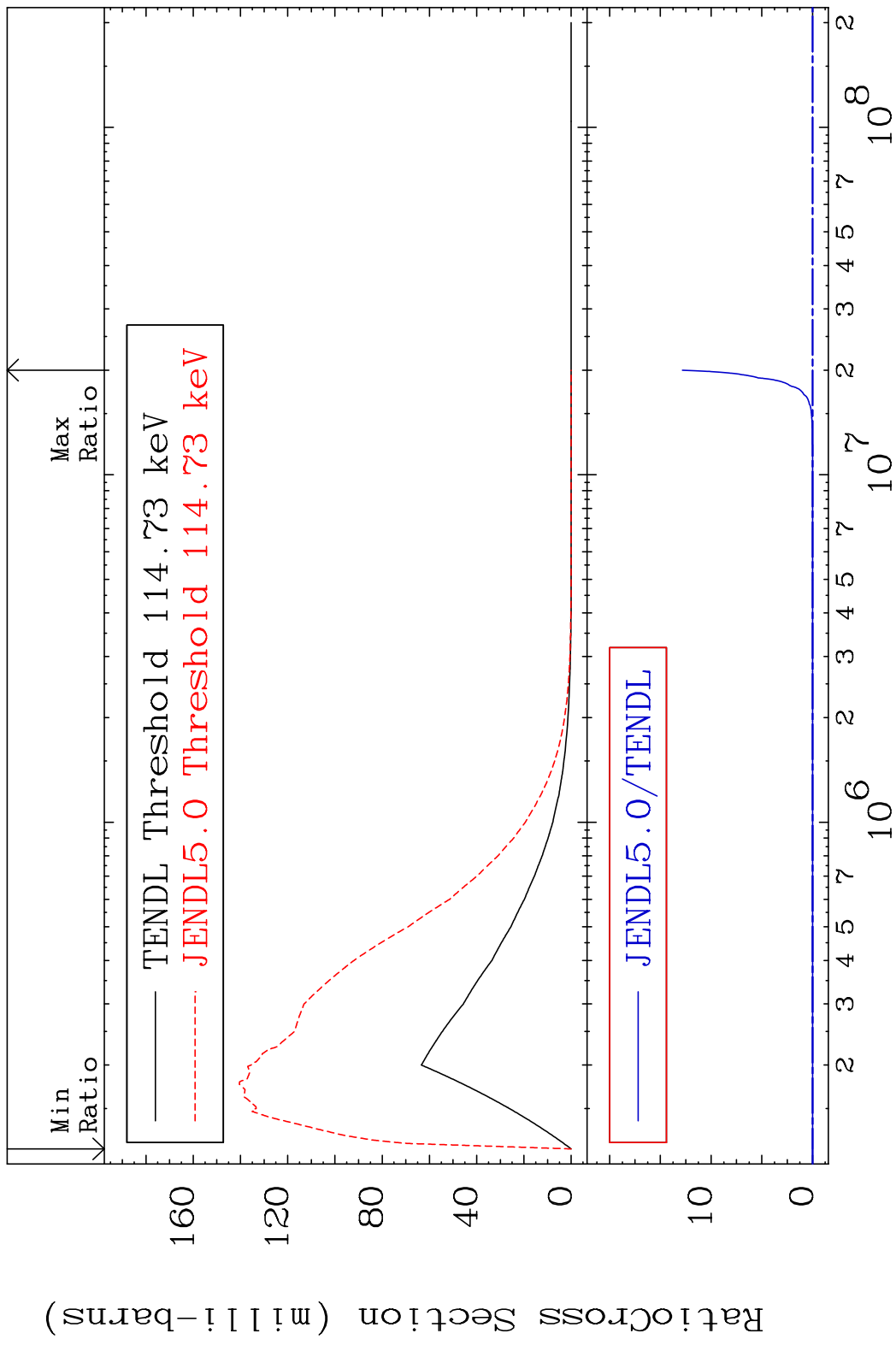
MAT 6328 MT= 58 (n, n') Level 63-Eu-152
 Cross Section -99.87 To 933.9 %



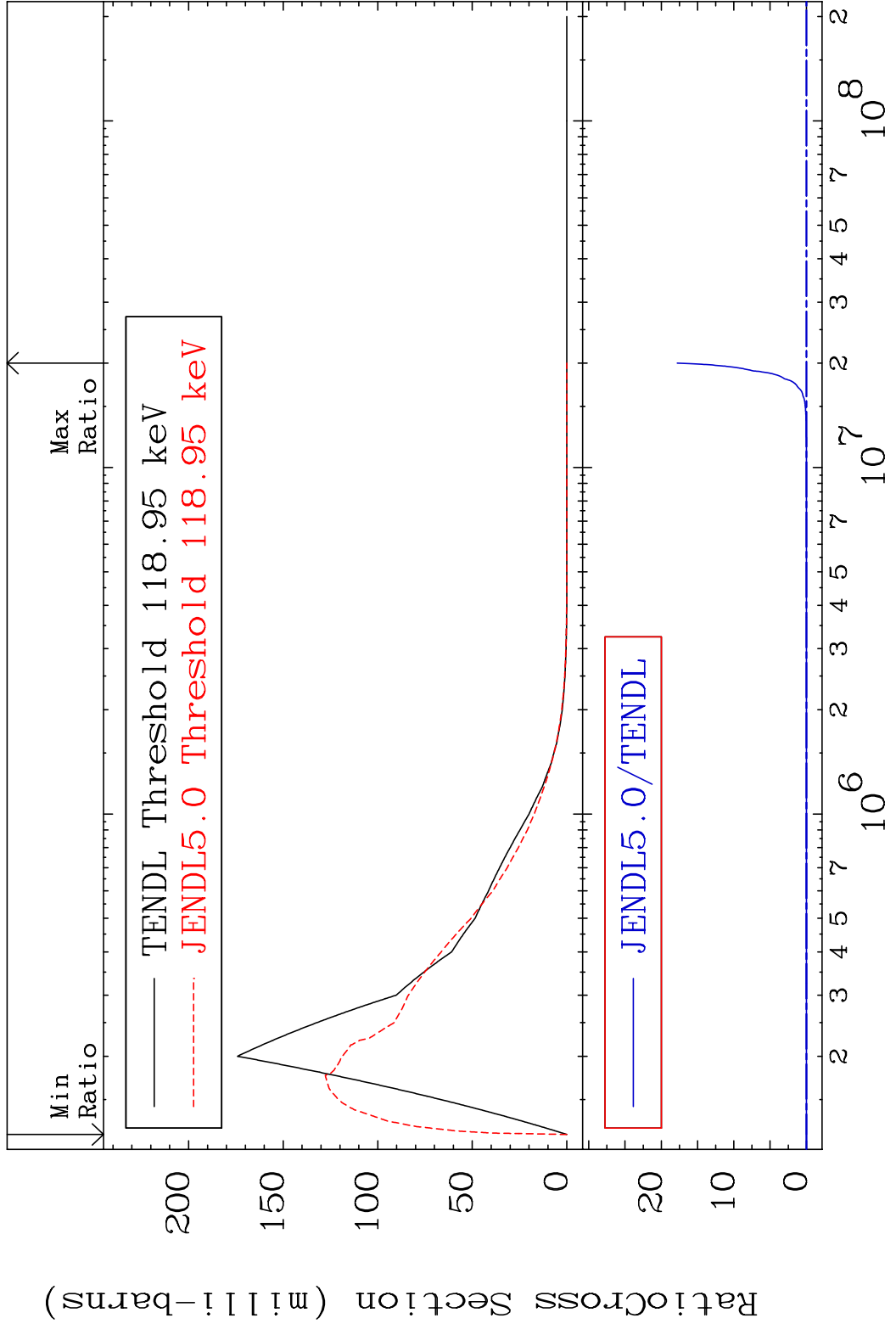
MAT 6328 MT= 59 (n,n') Level 63-Eu-152
 Cross Section -30.46 To 9999. %



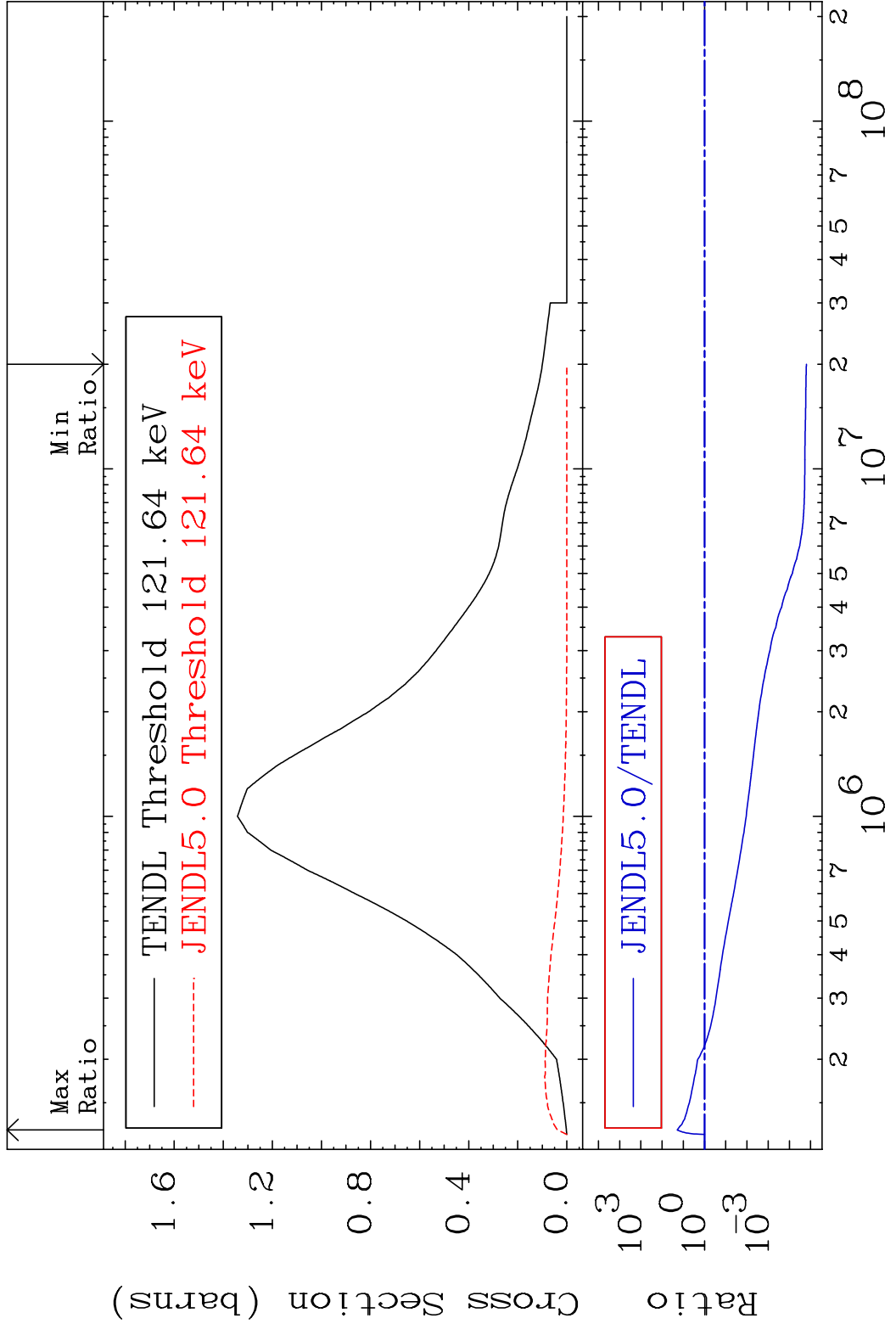
MAT 6328 MT= 60 (n,n') Level 63-Eu-152
 Cross Section -100.0 To 9999. %



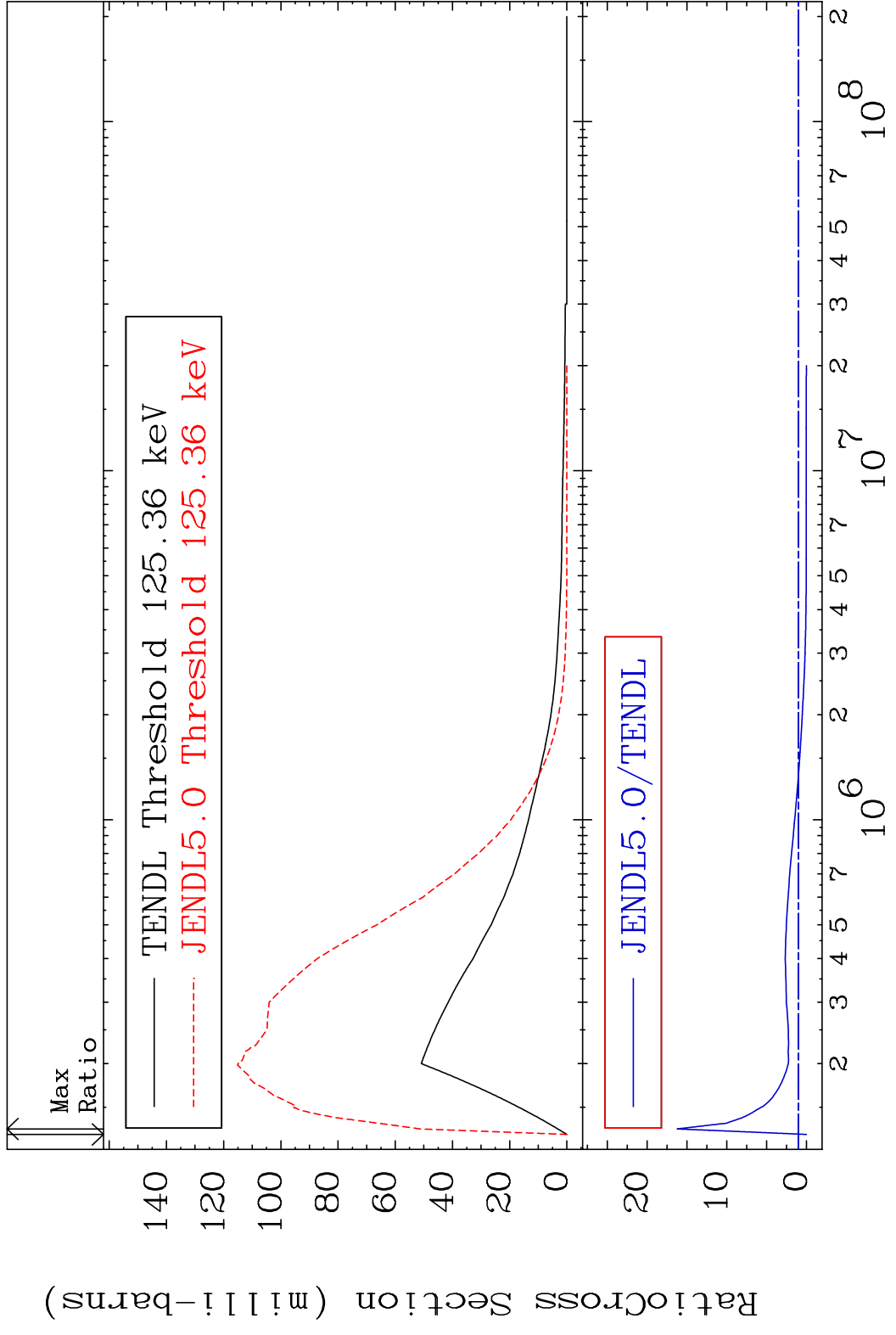
MAT 6328 MT= 61 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 9999. %



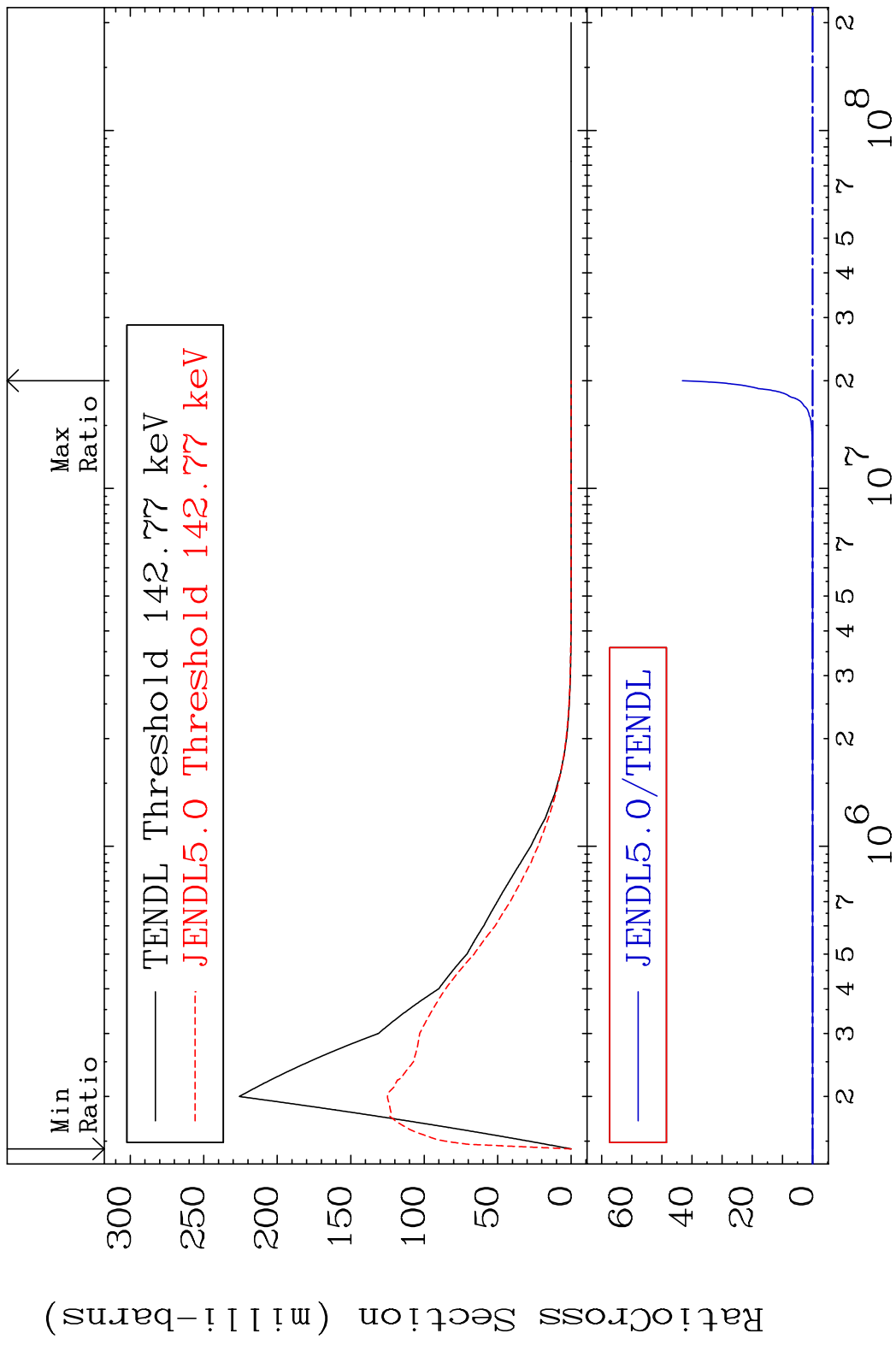
MAT 6328 MT= 62 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 1847. %



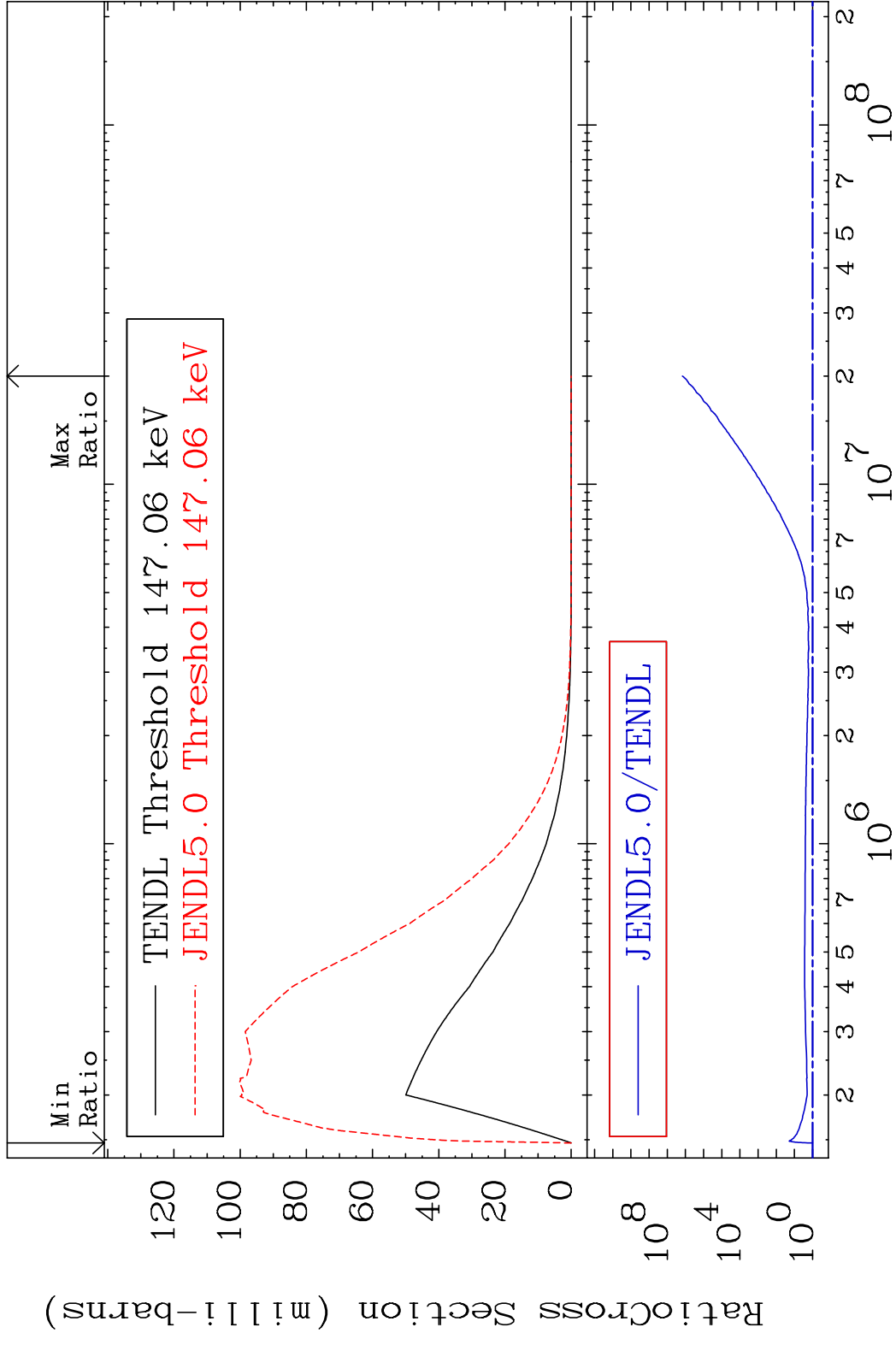
MAT 6328 MT= 63 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 1522. %



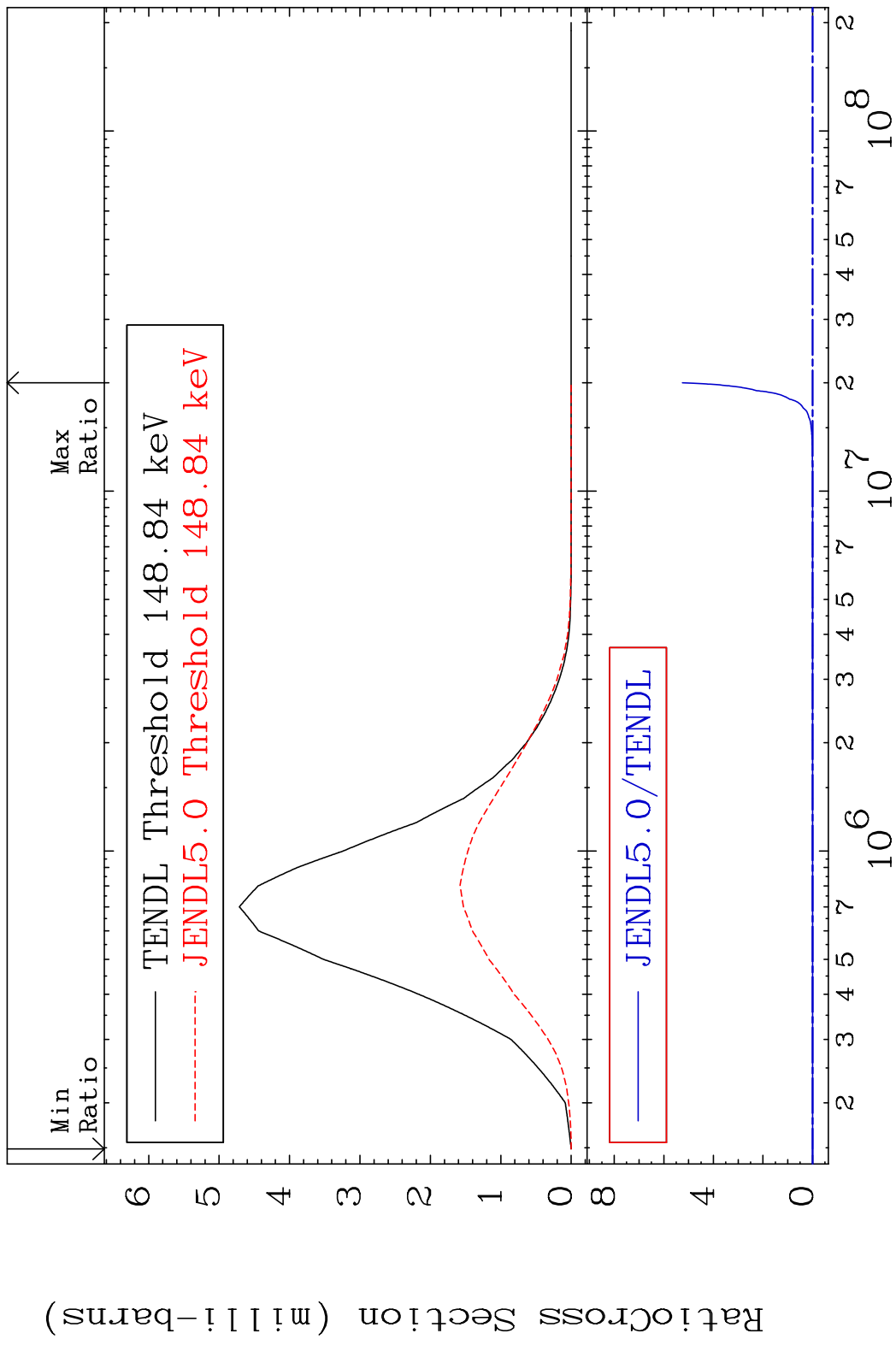
MAT 6328 MT= 64 (n,n') Level 63-Eu-152
 Cross Section -100.0 To 9999. %



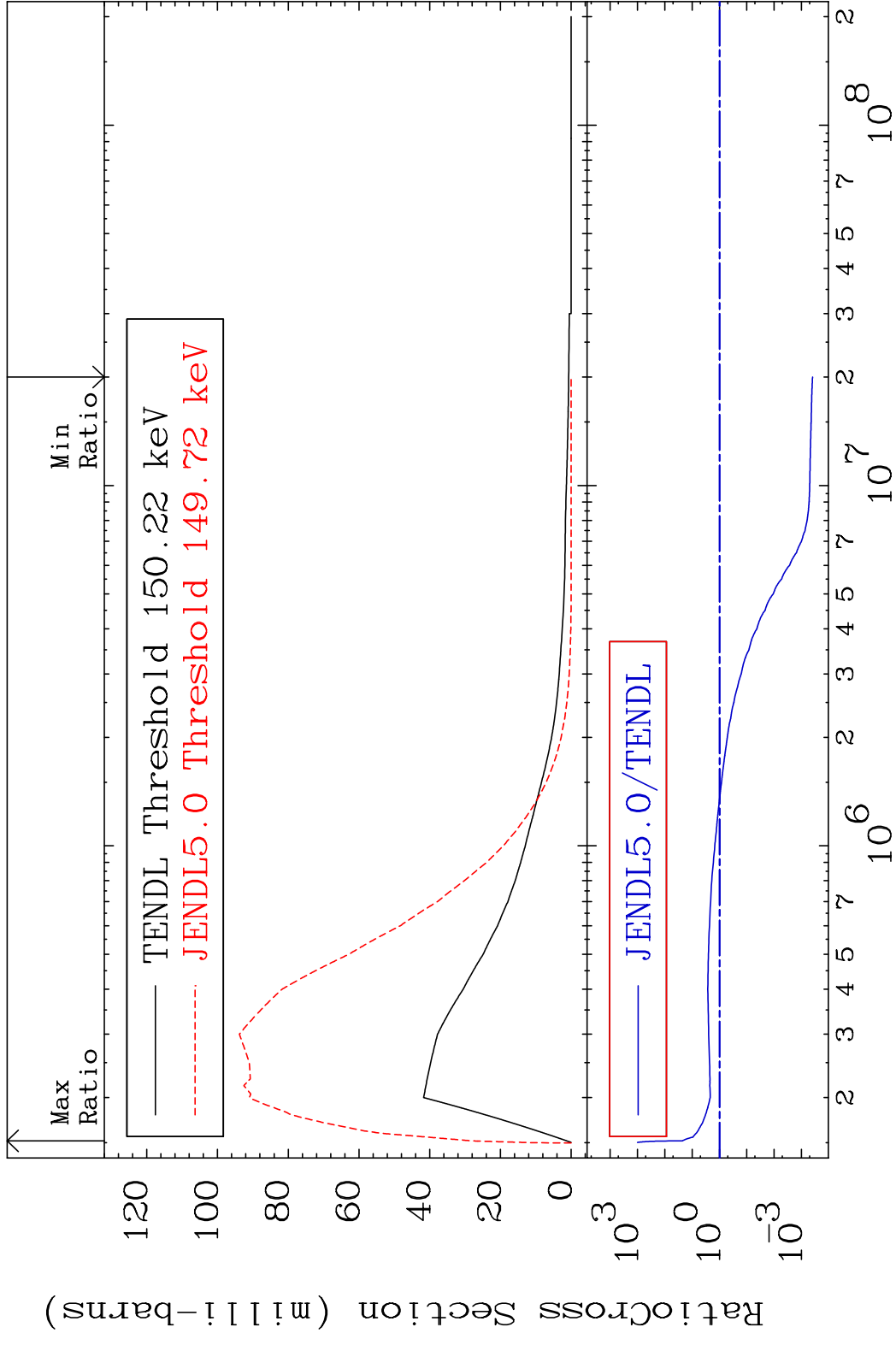
MAT 6328 MT= 65 (n, n') Level 63-Eu-152
 Cross Section 0.000 To 9999. %



MAT 6328 MT= 66 (n, n') Level 63-Eu-152
 Cross Section -100.0 To 9999. %



MAT 6328 MT= 67 (n, n') Level 63-Eu-152
 Cross Section -99.96 To 2180. %

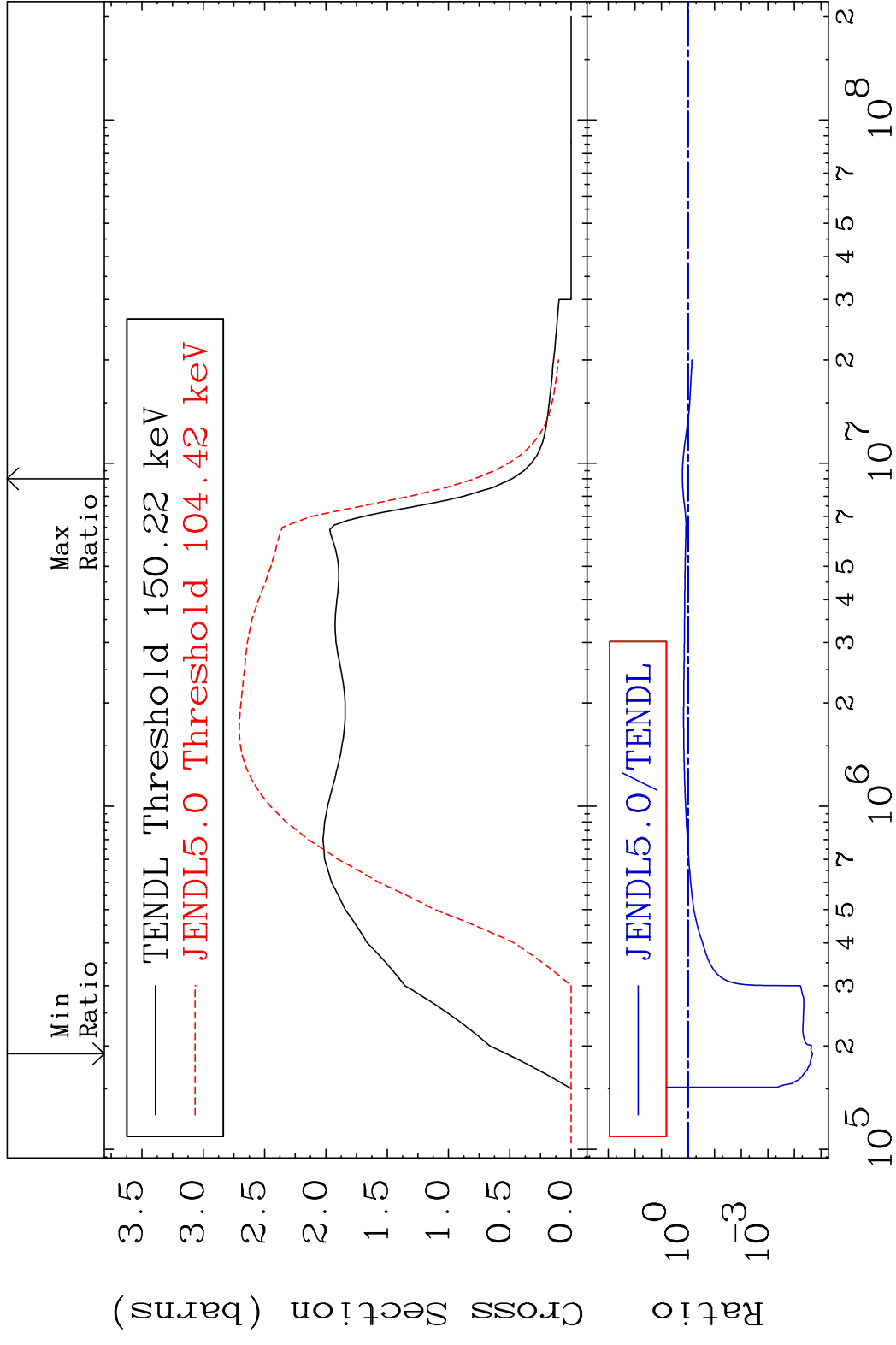


MAT 6328

(n, n') Continuum

63-Eu-152

Cross Section -100.0 To 63.55 %



29

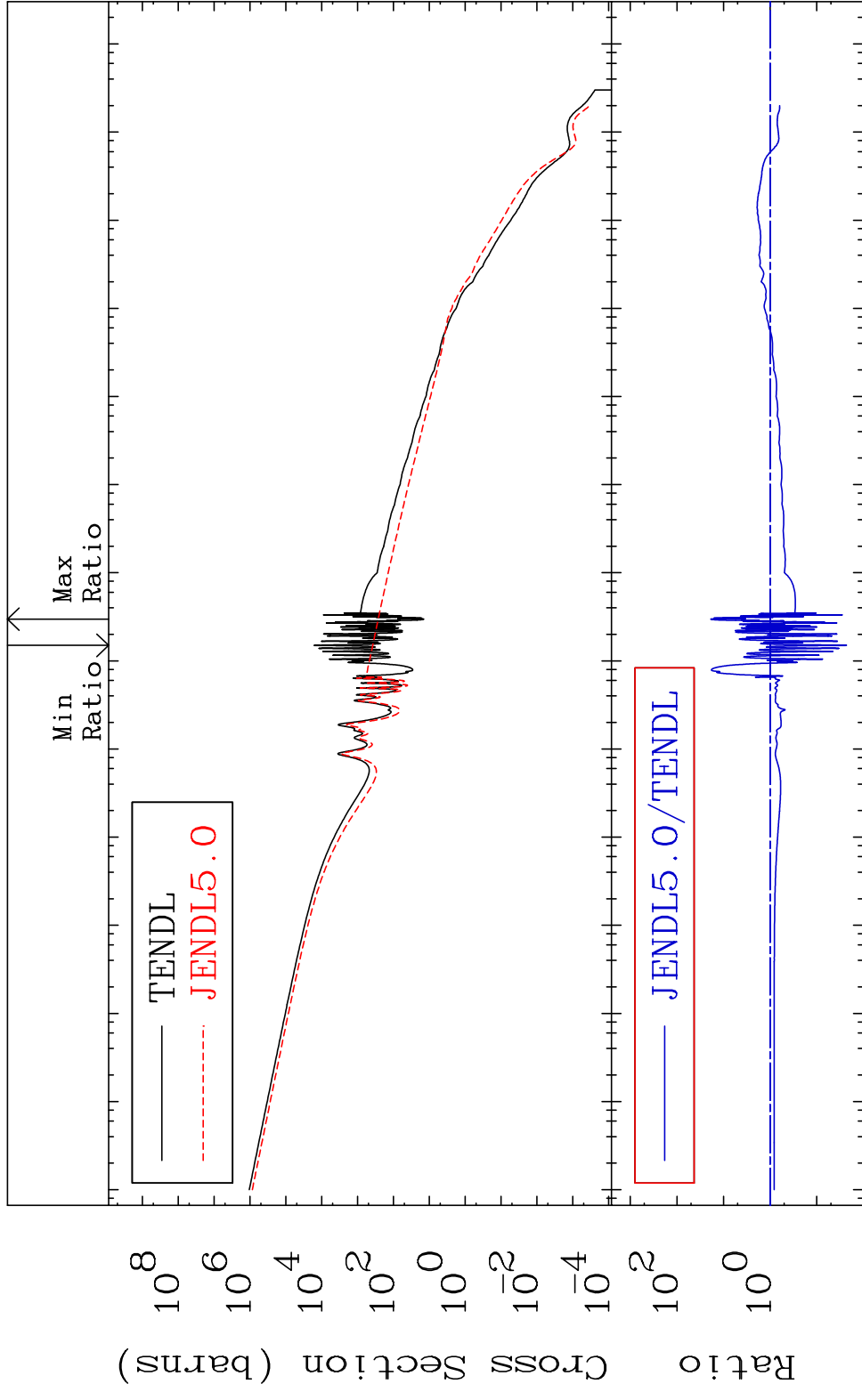
Incident Energy (eV)

63-Eu-152

MAT 6328

(n, γ)
Cross Section -97.68 To 1786. %

63-Eu-152



30

Incident Energy (eV)

63-Eu-152

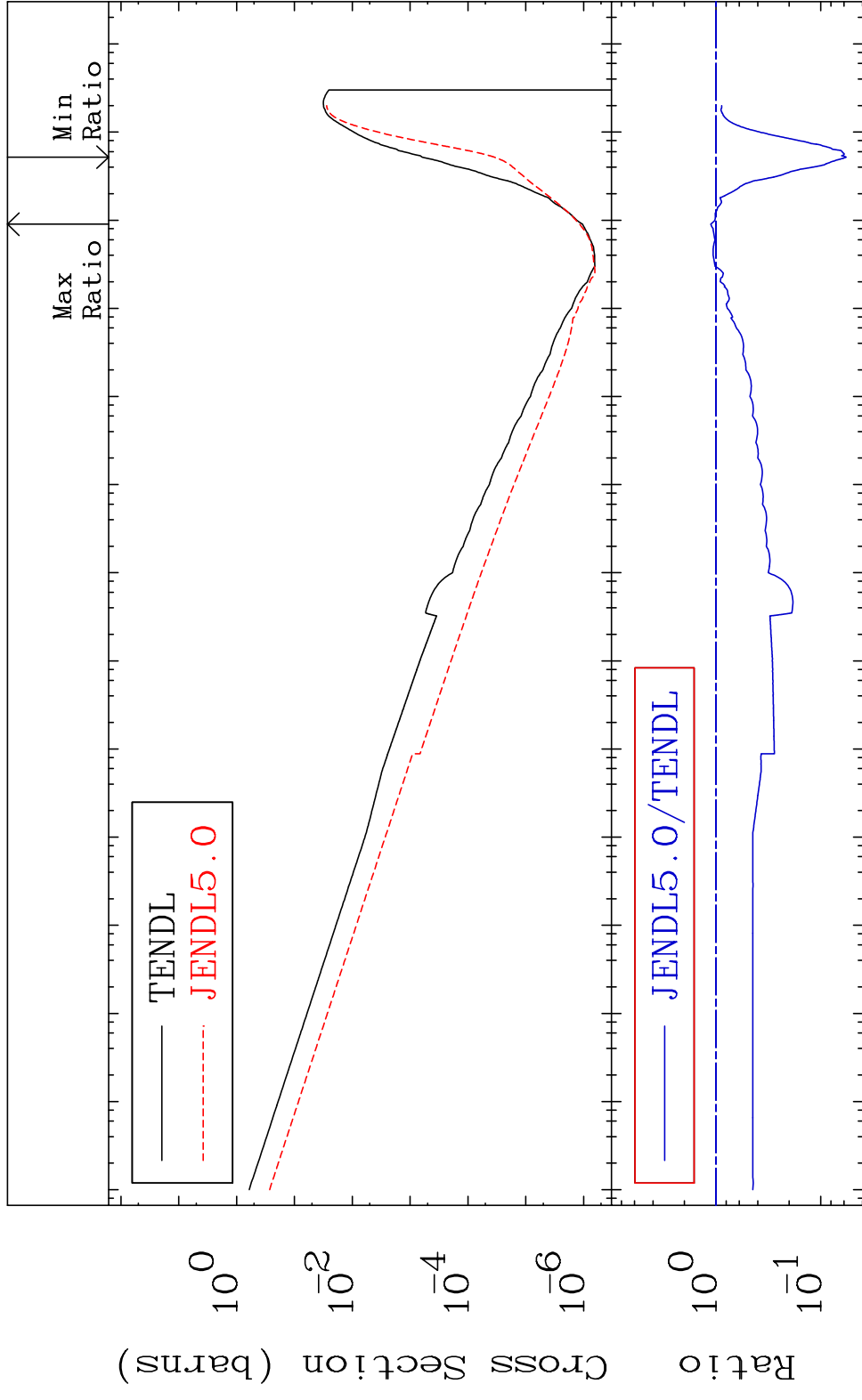
MAT 6328

(n, p)

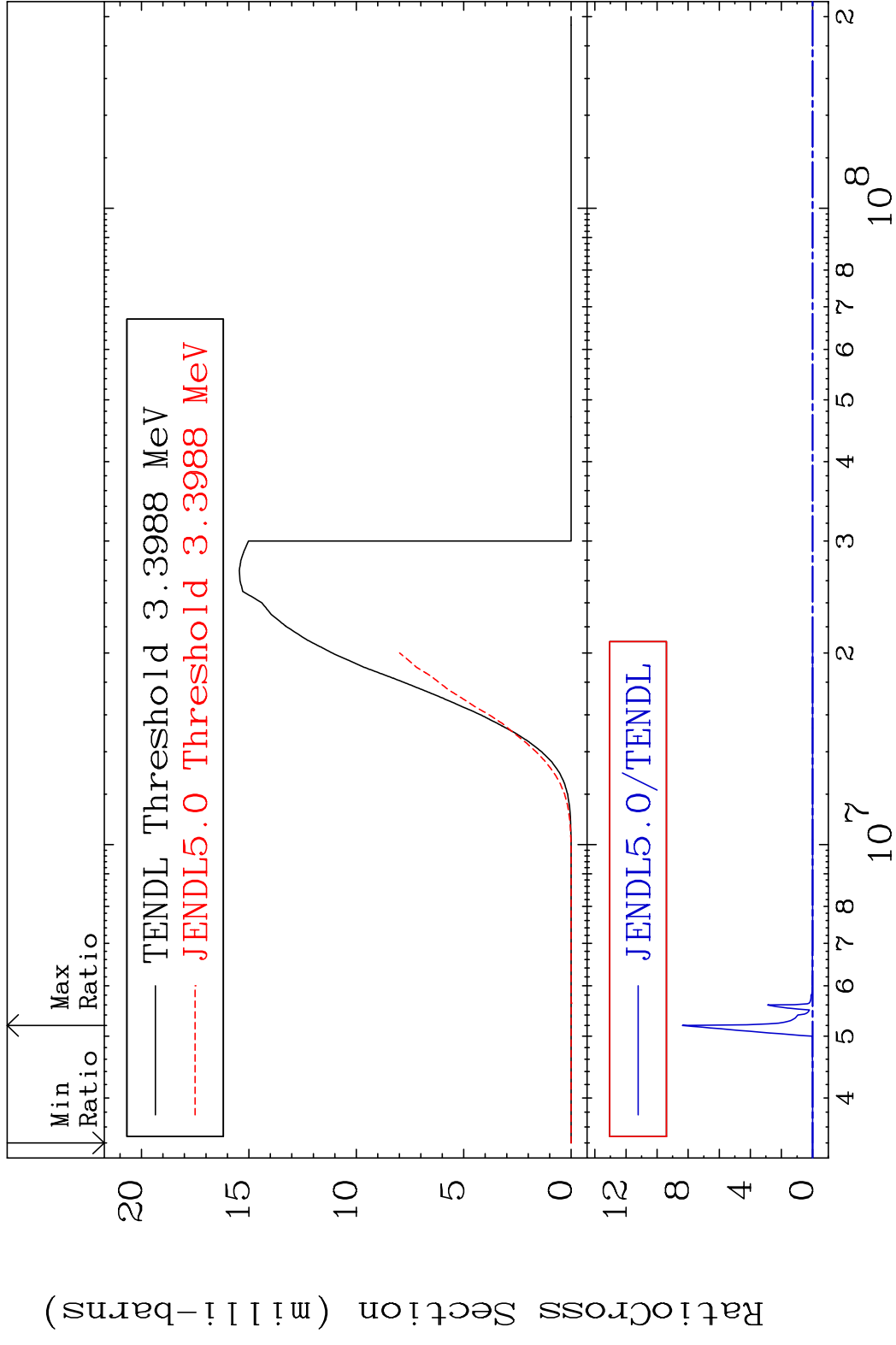
63-Eu-152

Cross Section

-94.30 To 12.34 %



MAT 6328 (n,d) 63-Eu-152
 Cross Section -100.0 To 9999. %

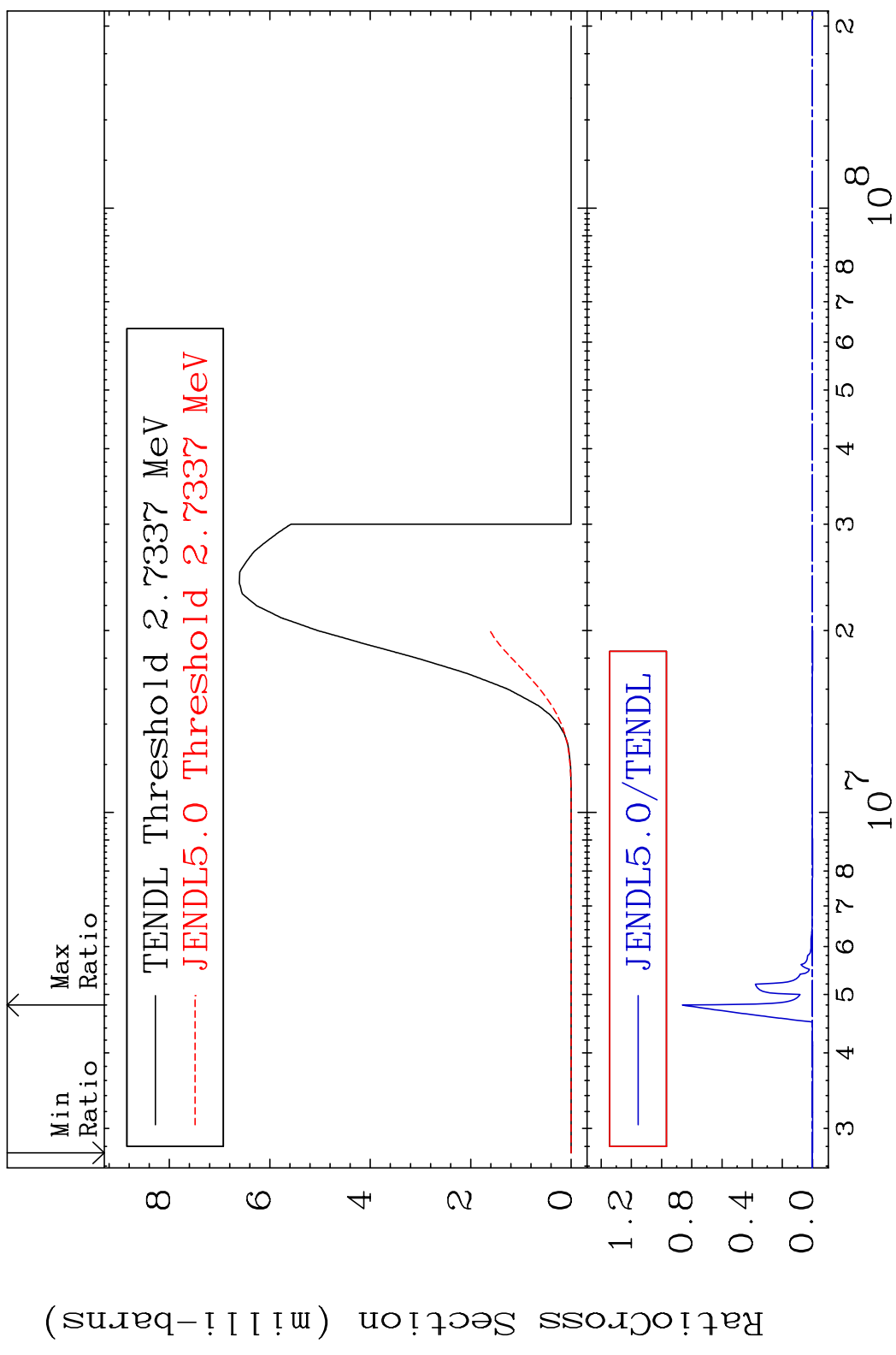


MAT 6328

(n, t)

63-Eu-152

Cross Section -100.0 To 9999. %

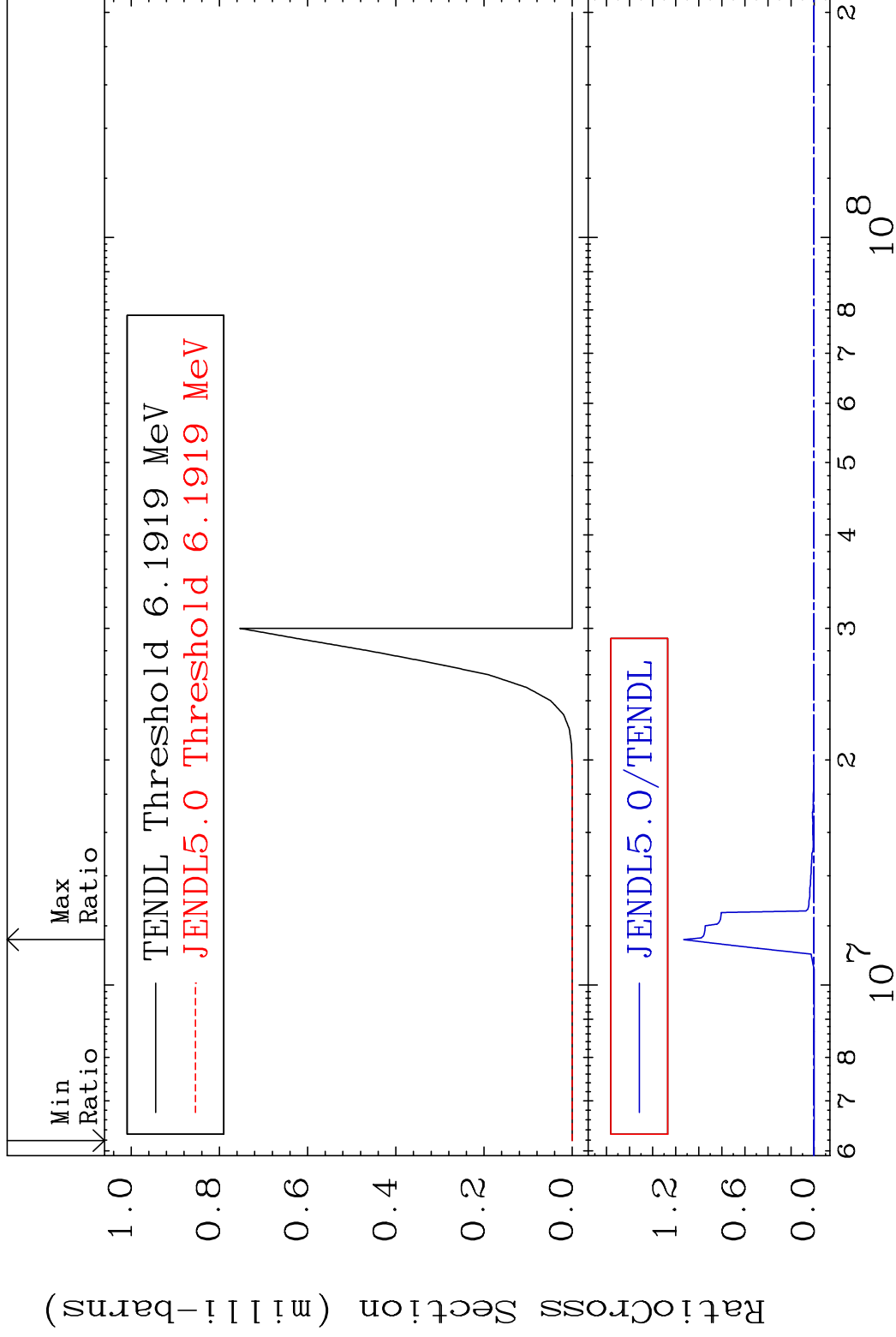


MAT 6328

(n, He-3)

63-Eu-152

Cross Section -100.0 To 9999. %



34

Incident Energy (eV)

63-Eu-152

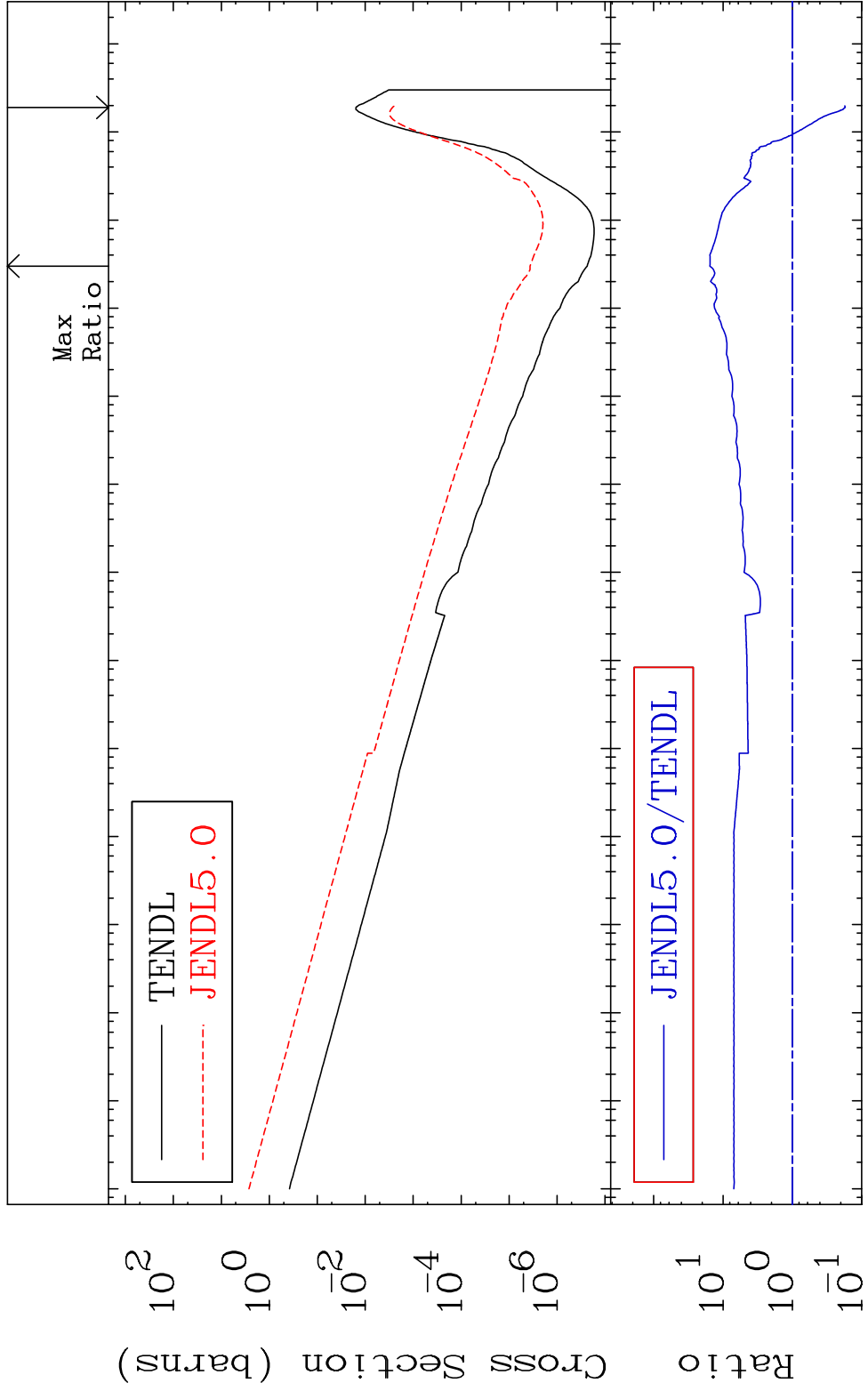
MAT 6328

(n, α)

63-Eu-152

Cross Section

-82.77 To 1451. %

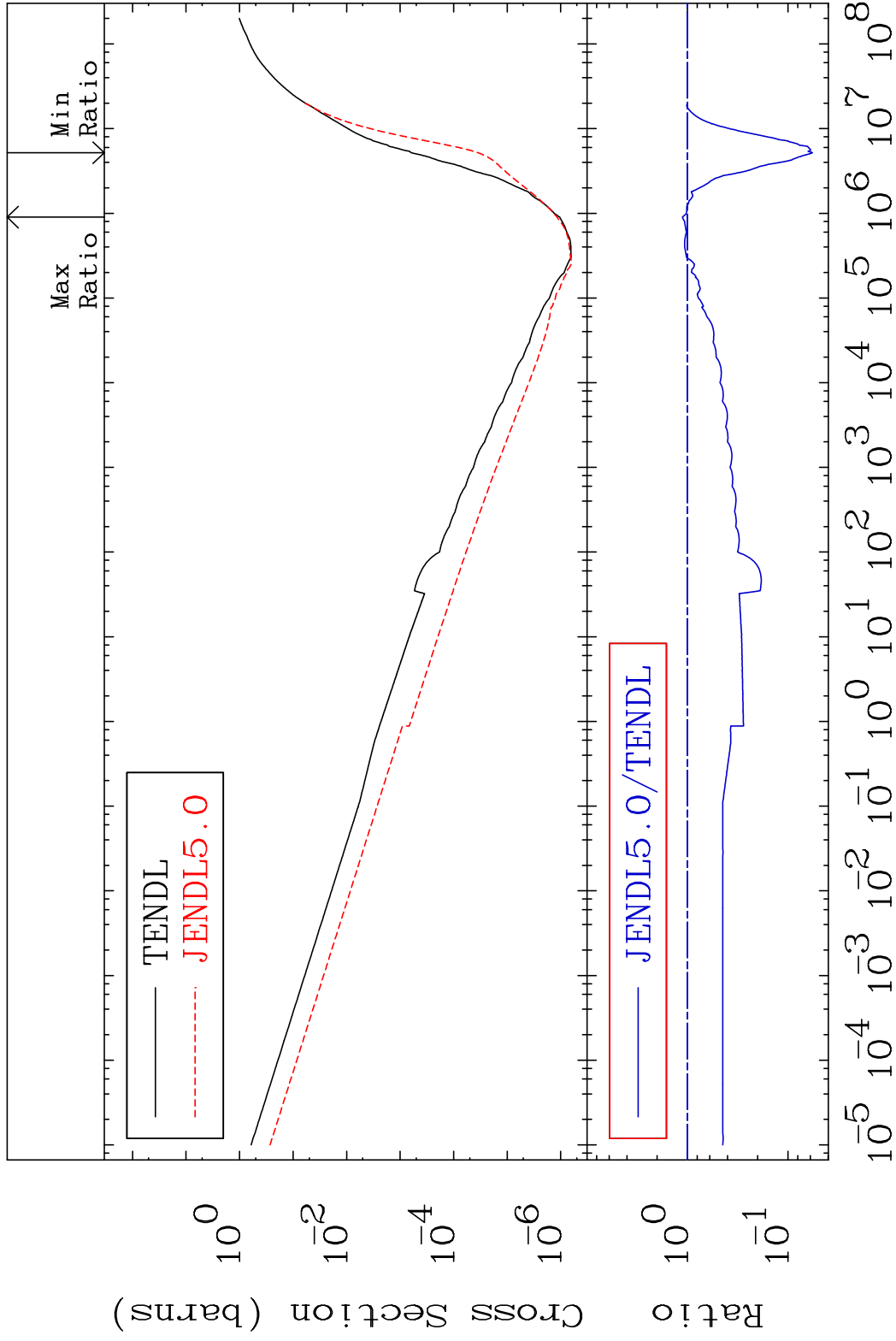


MAT 6328

Hydrogen Production

63-Eu-152

Cross Section -94.30 To 12.34 %



36

Incident Energy (eV)

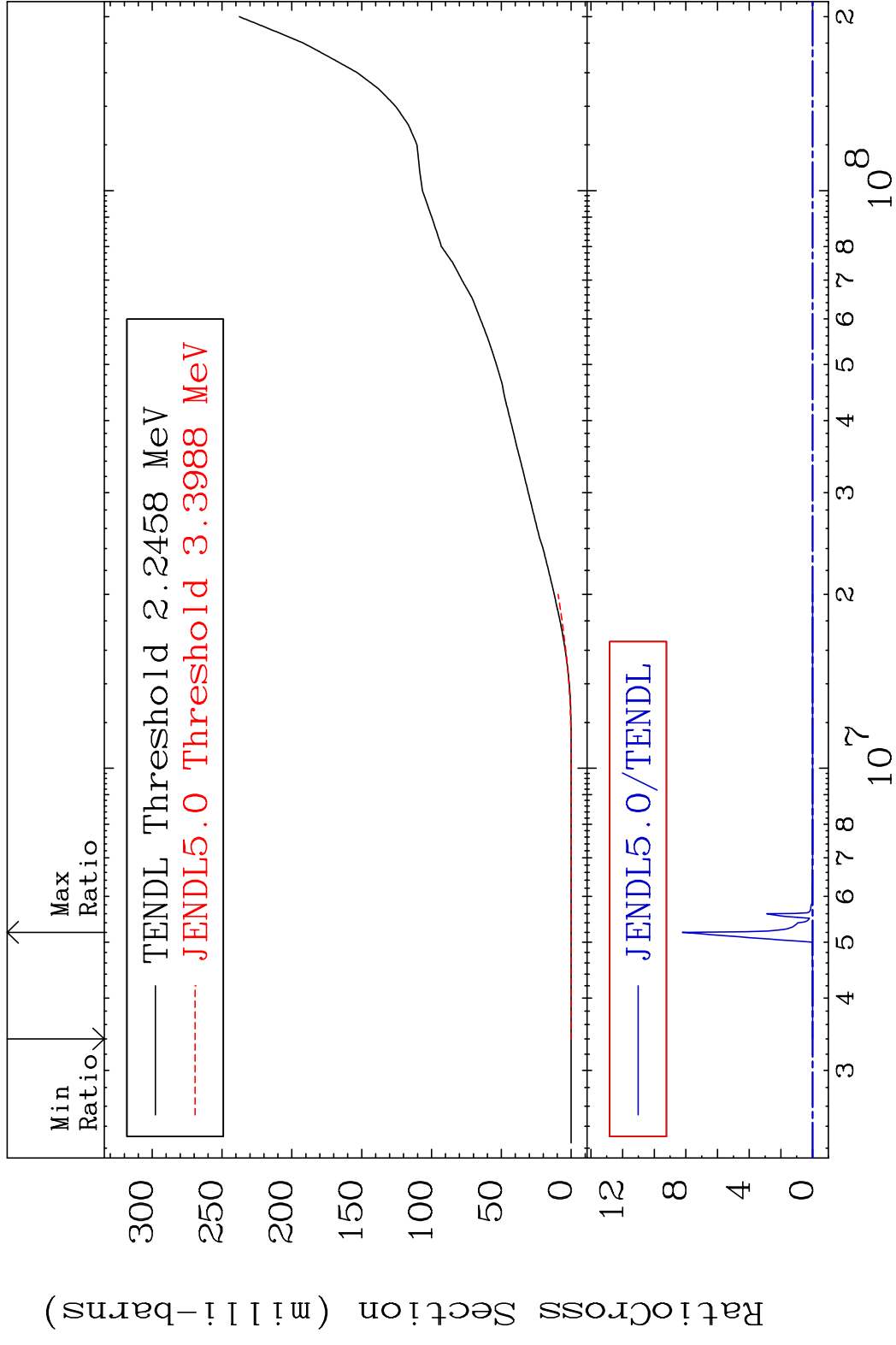
63-Eu-152

MAT 6328

Deuterium Production

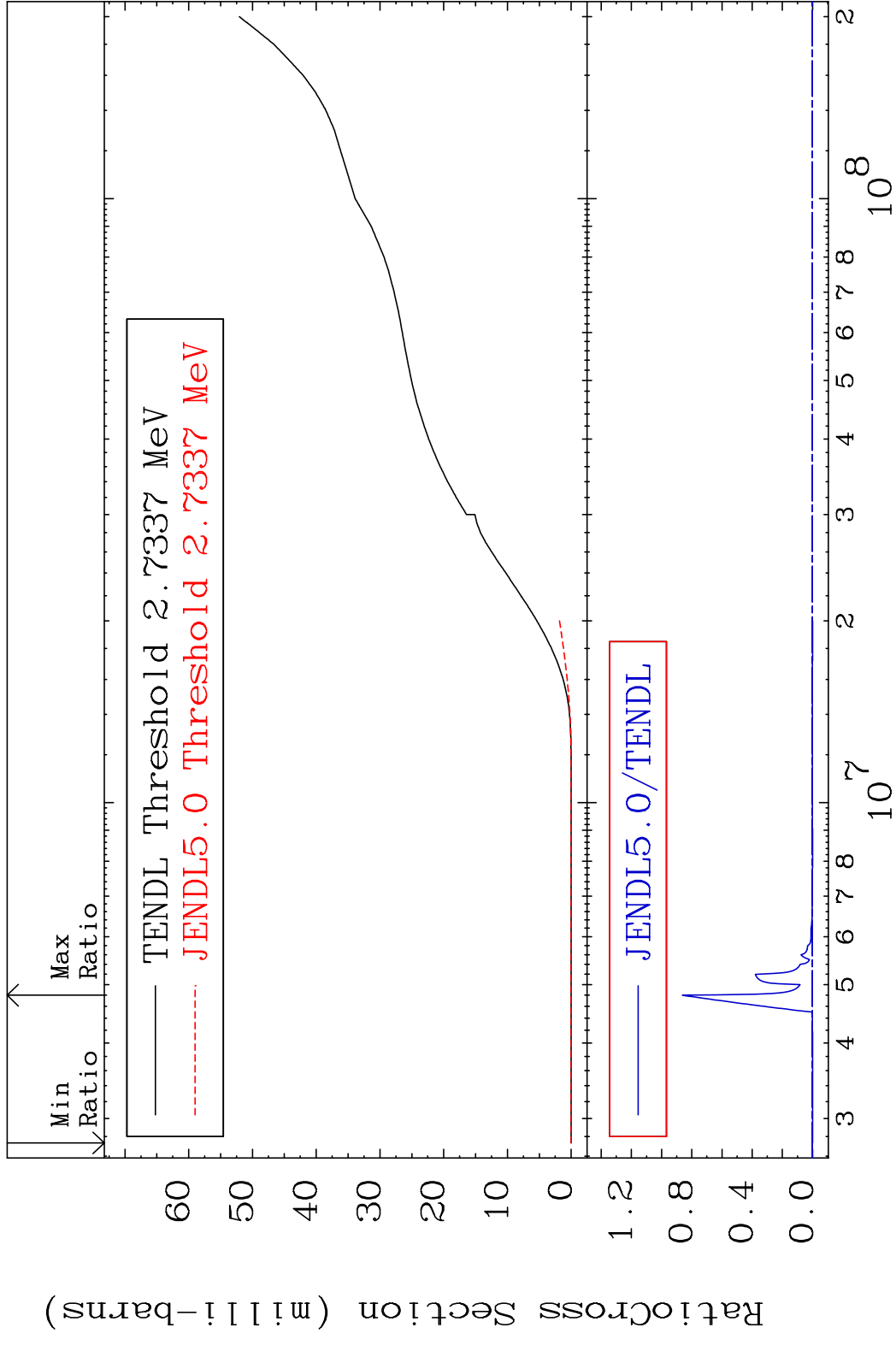
63-Eu-152

Cross Section -100.0 To 9999. %



MAT 6328

Tritium Production 63-Eu-152
Cross Section -100.0 To 9999. %

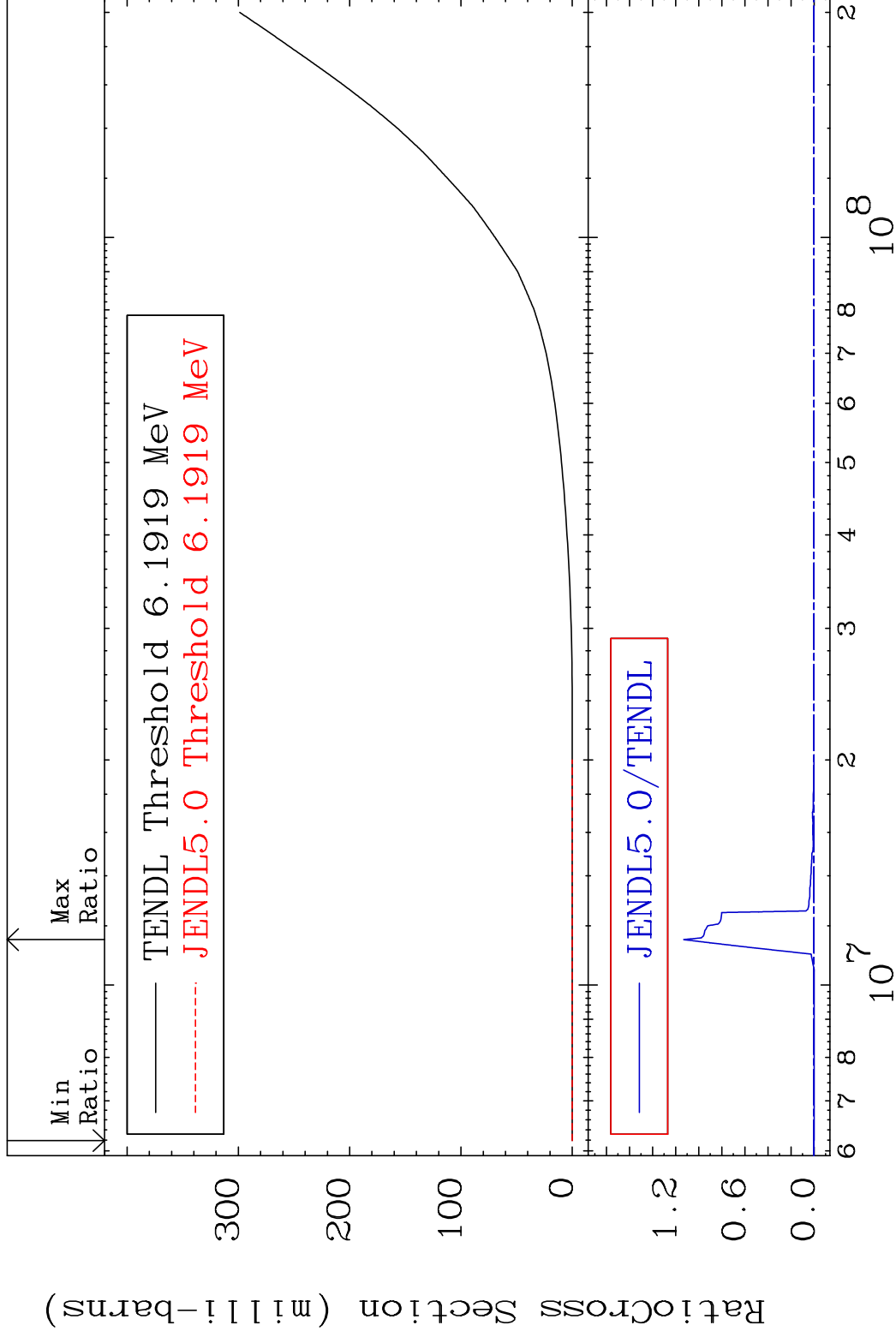


MAT 6328

He-3 Production

63-Eu-152

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

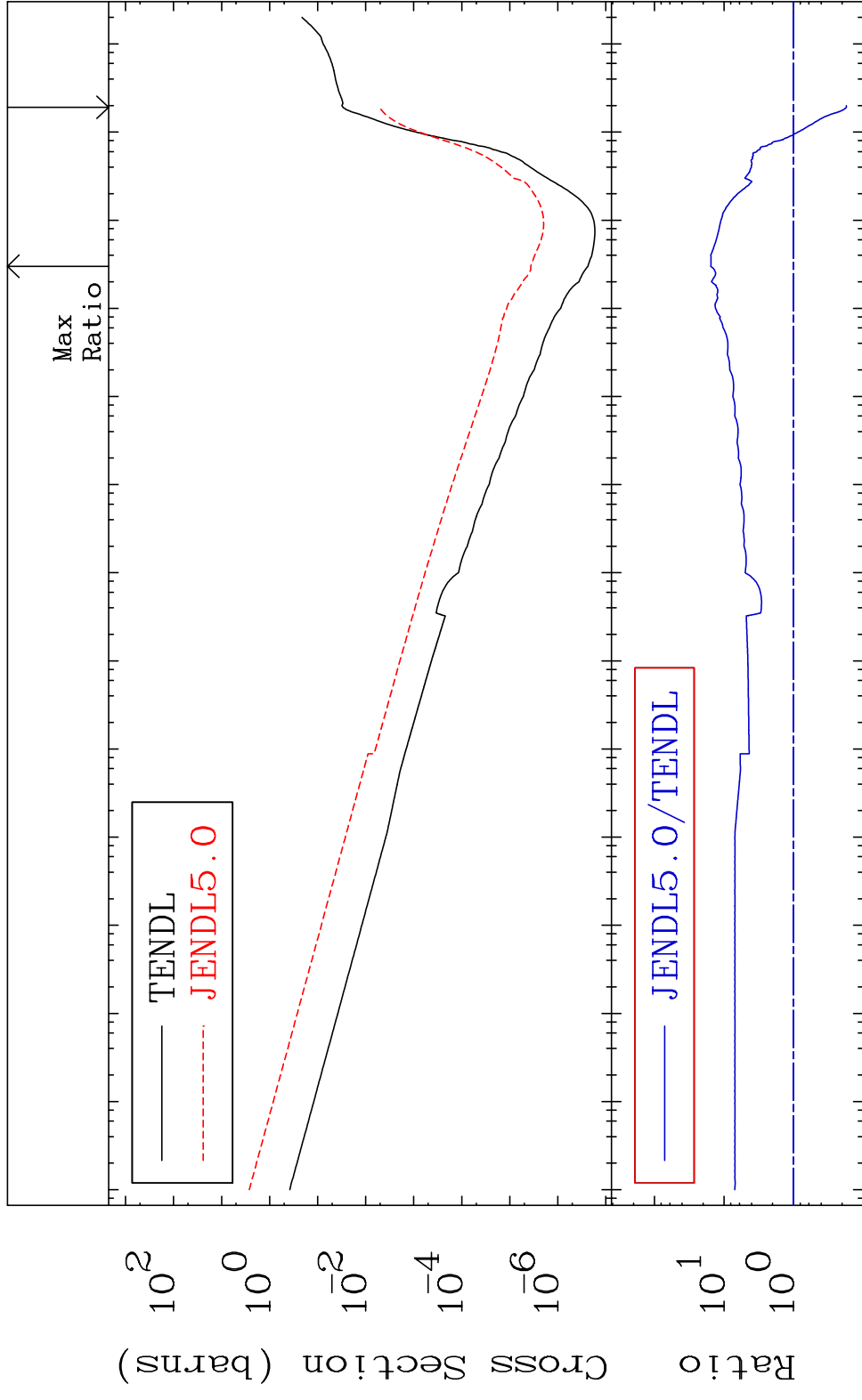
63-Eu-152

MAT 6328

He-4 Production

63-Eu-152

Cross Section -82.64 To 1451. %



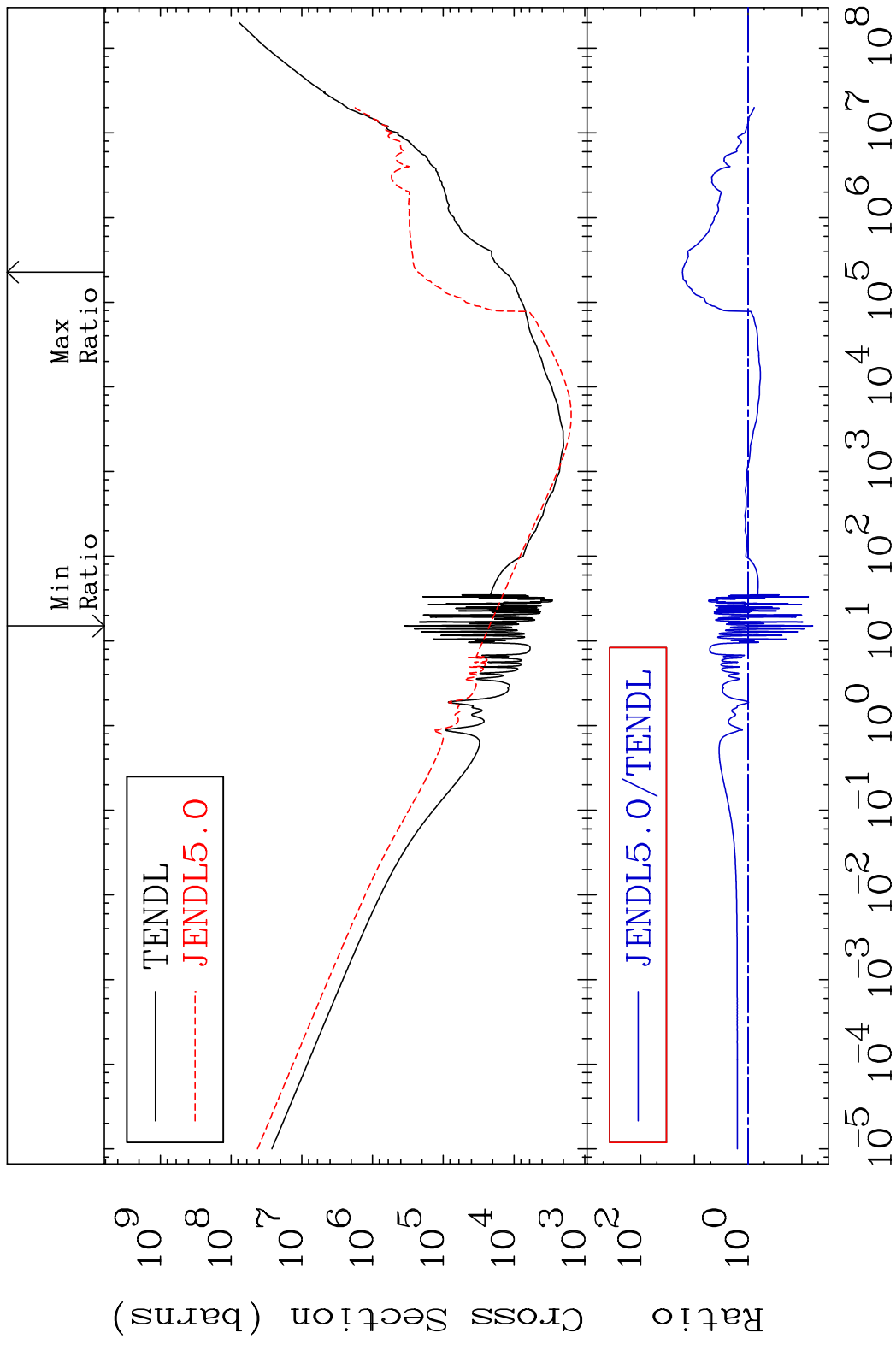
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

40

Incident Energy (eV)

63-Eu-152

MAT 6328 Kerma total (eV-barns) 63-Eu-152
 Cross Section -93.67 To 1580. %

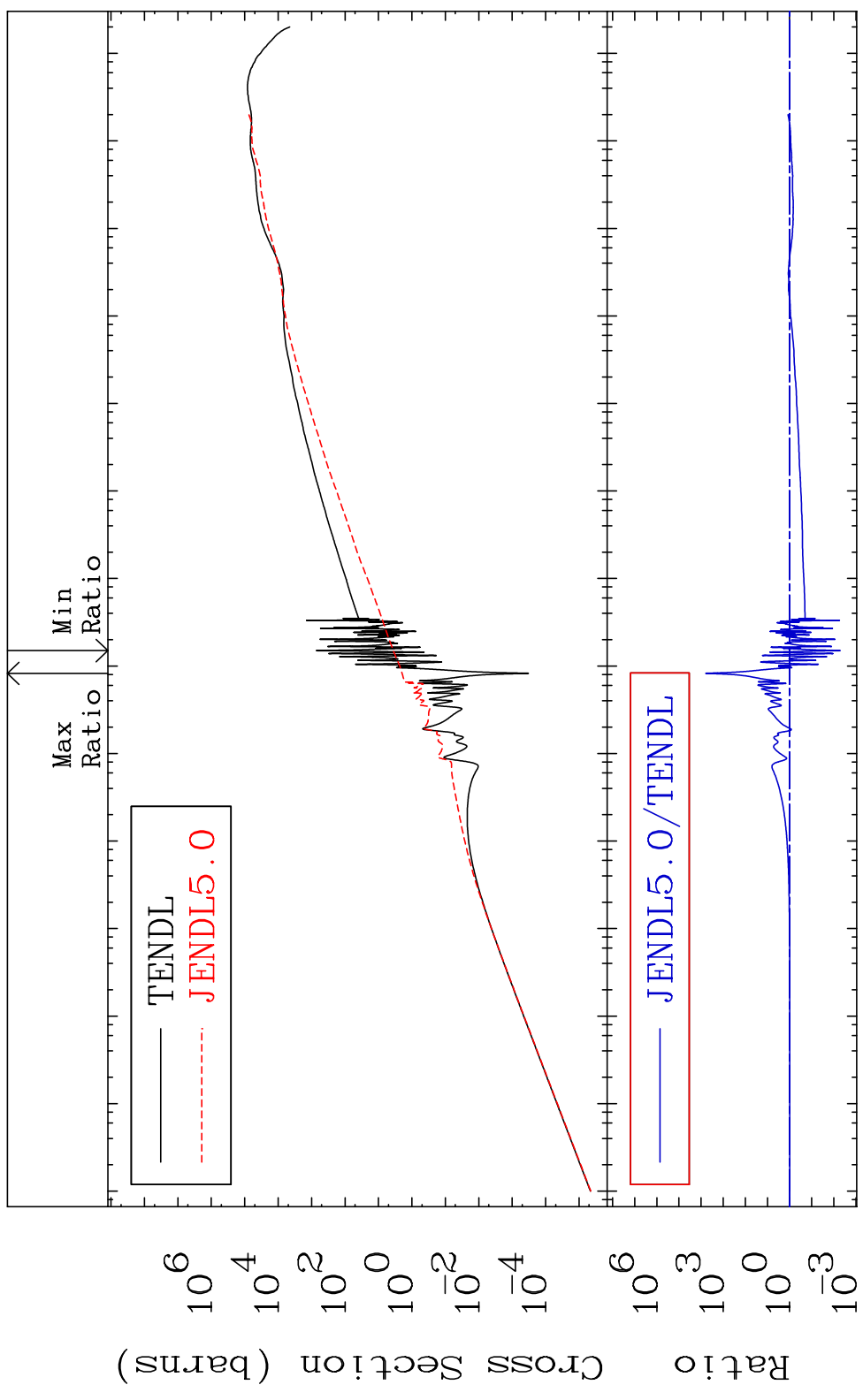


41 Incident Energy (eV) 63-Eu-152

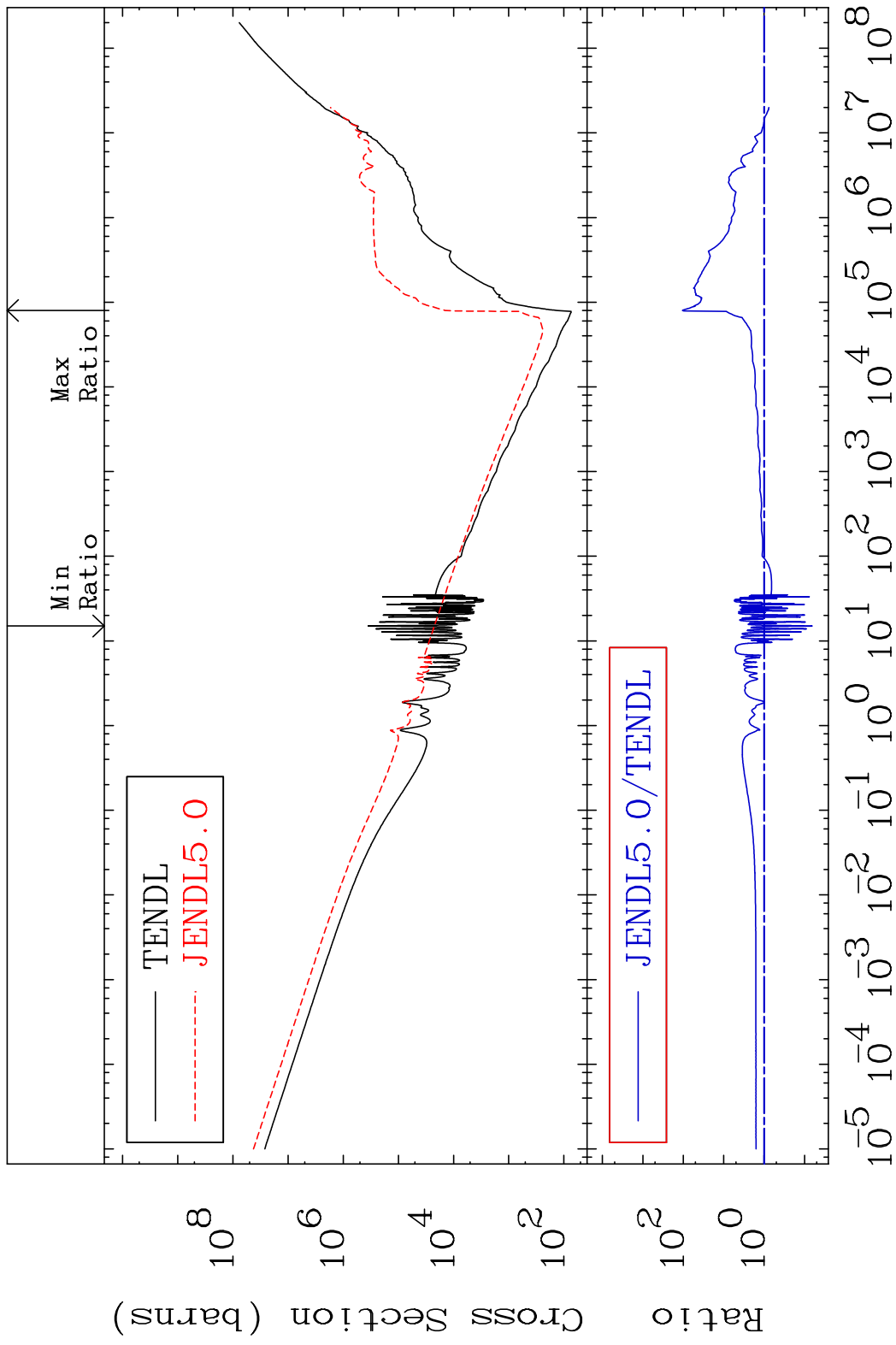
MAT 6328

Kerma elastic Cross Section -99.49 To 9999. %

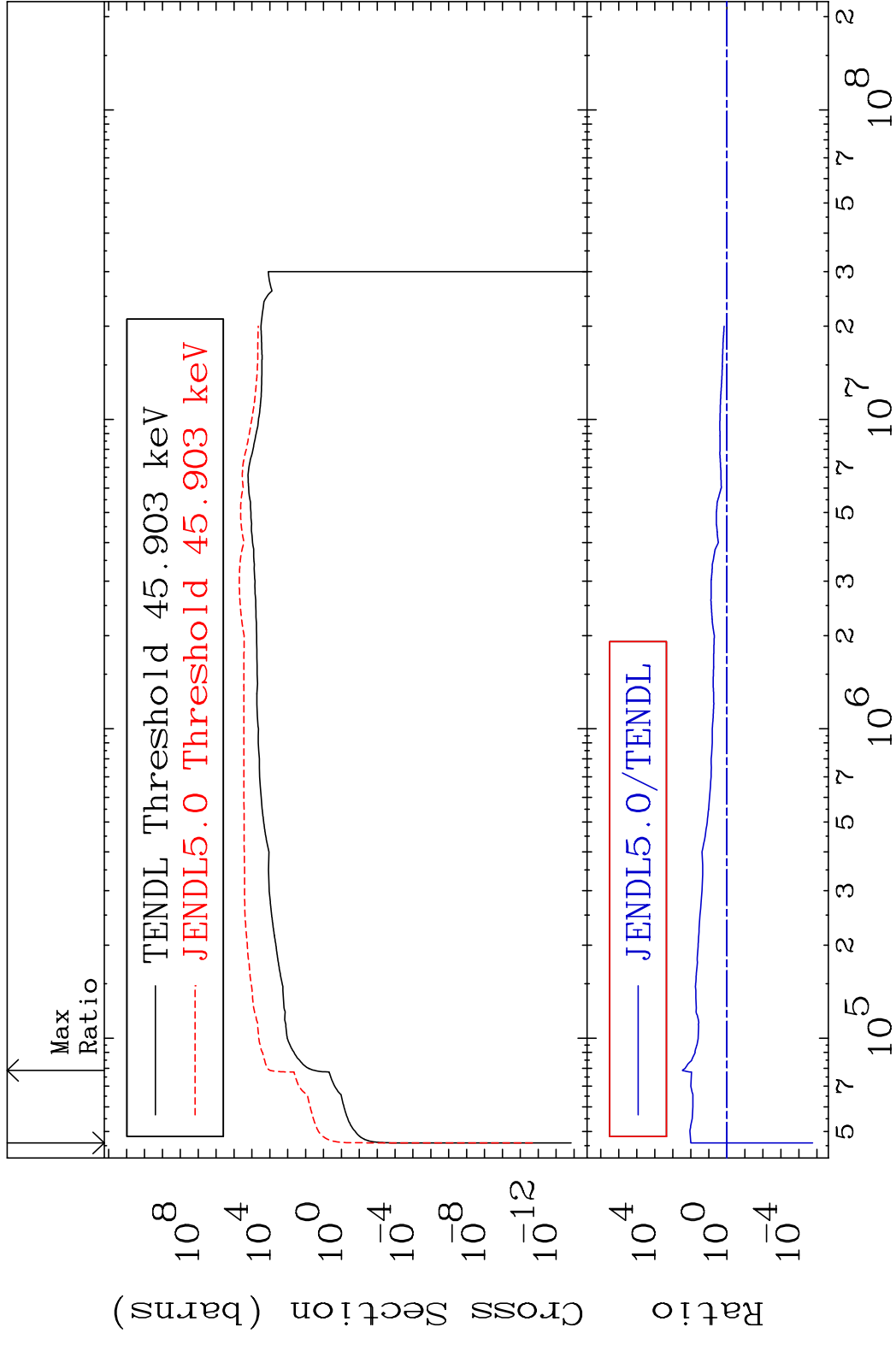
63-Eu-152



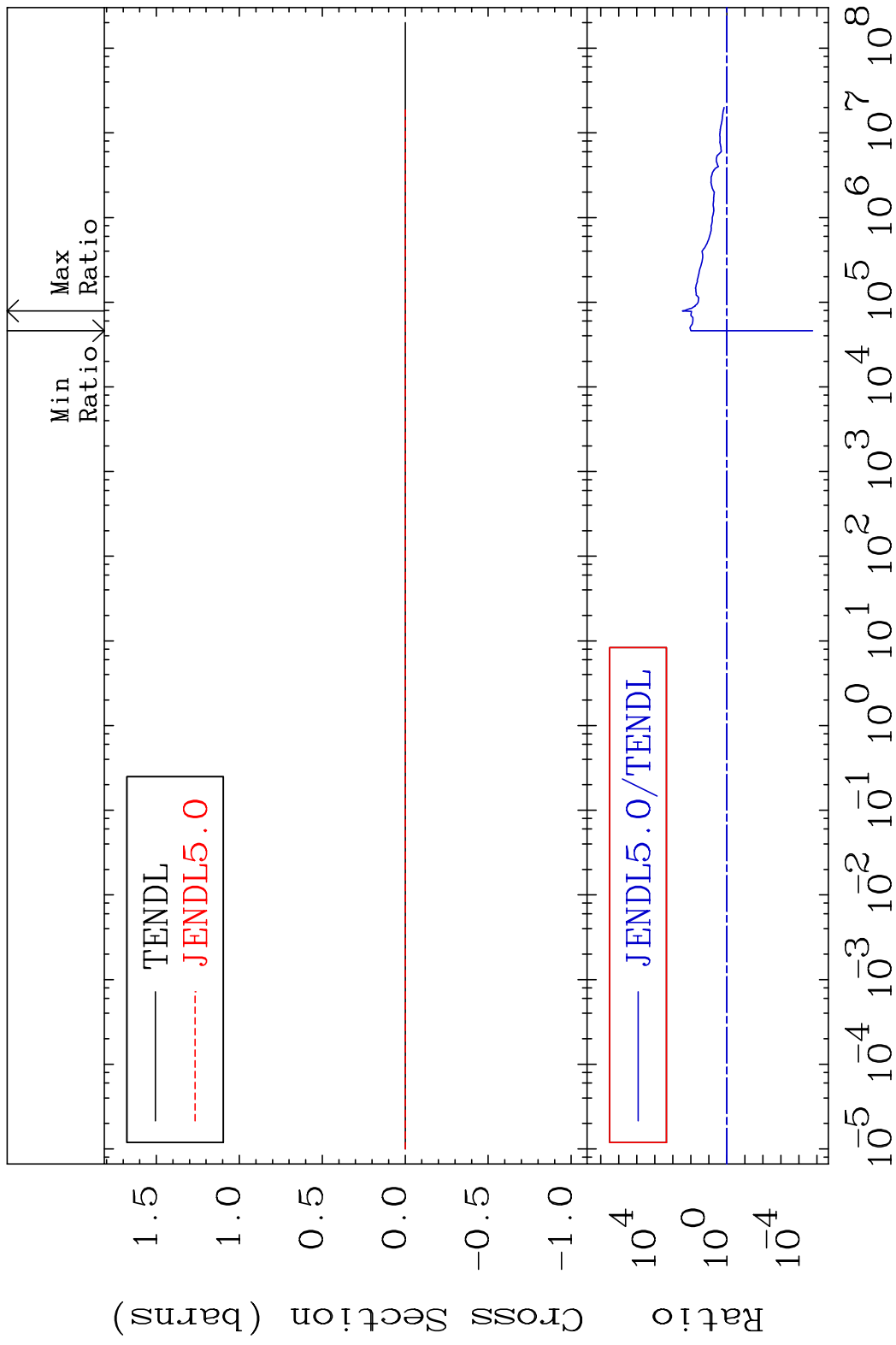
MAT 6328 Kerma non-elastic (all but mt2) 63-Eu-152
 Cross Section -93.66 To 9999. %



MAT 6328 Kerma inelastic (mt51-91) 63-Eu-152
 Cross Section -100.0 To 9999. %



MAT 6328 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-152
 Cross Section -100.0 To 9999. %

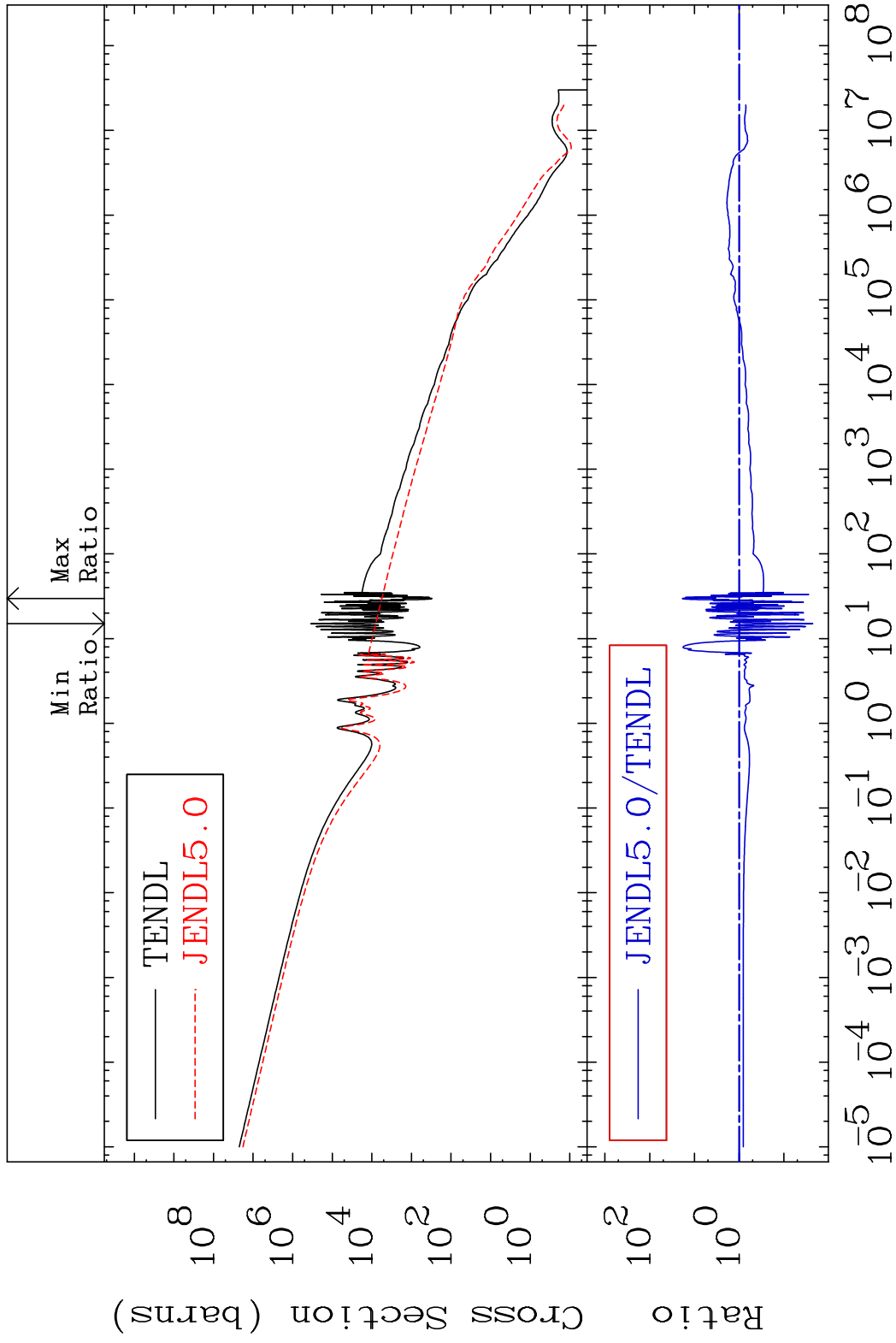


MAT 6328

Kerma capture (mt102)

63-Eu-152

Cross Section -97.70 To 1763. %

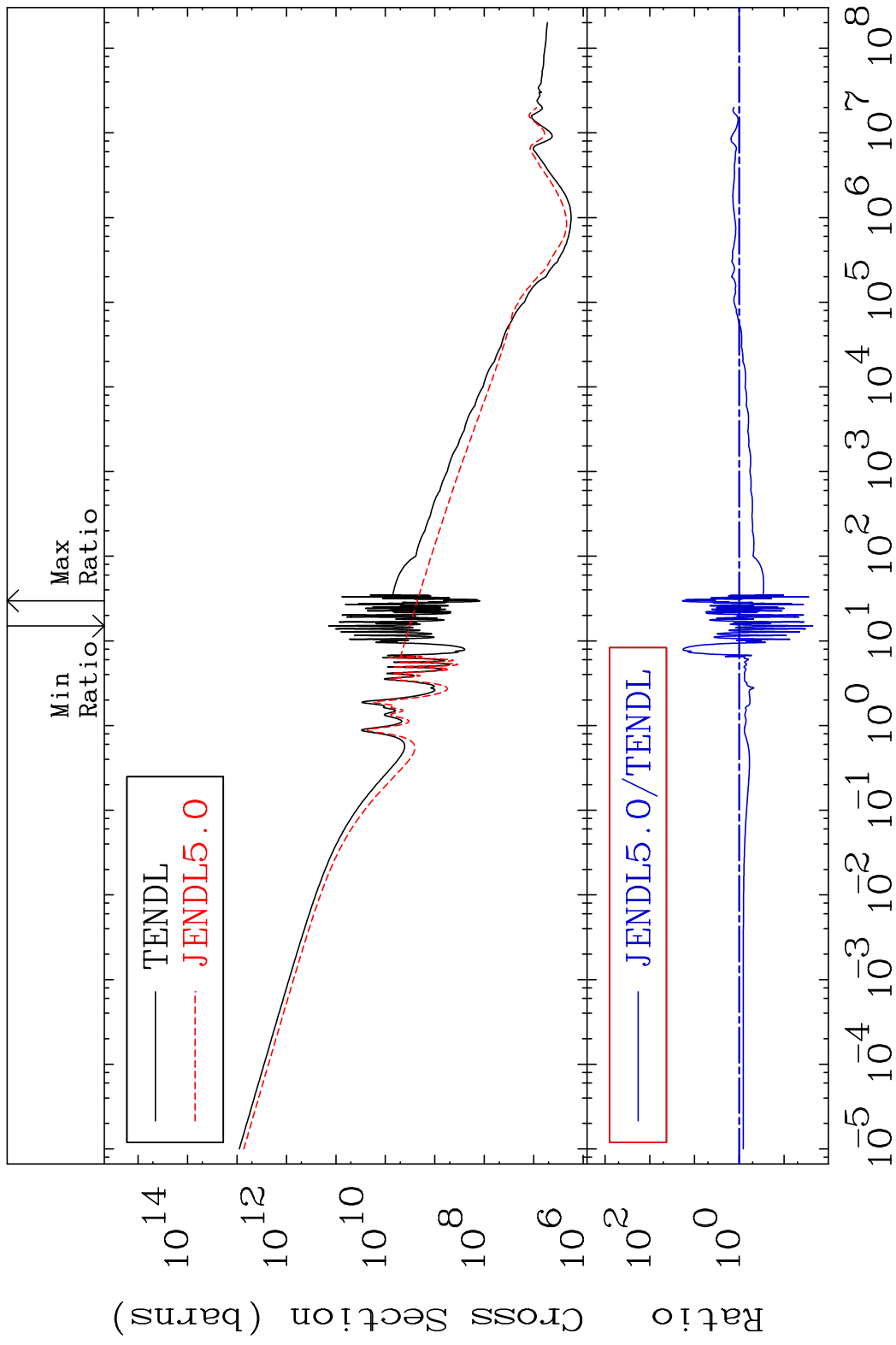


46

Incident Energy (eV)

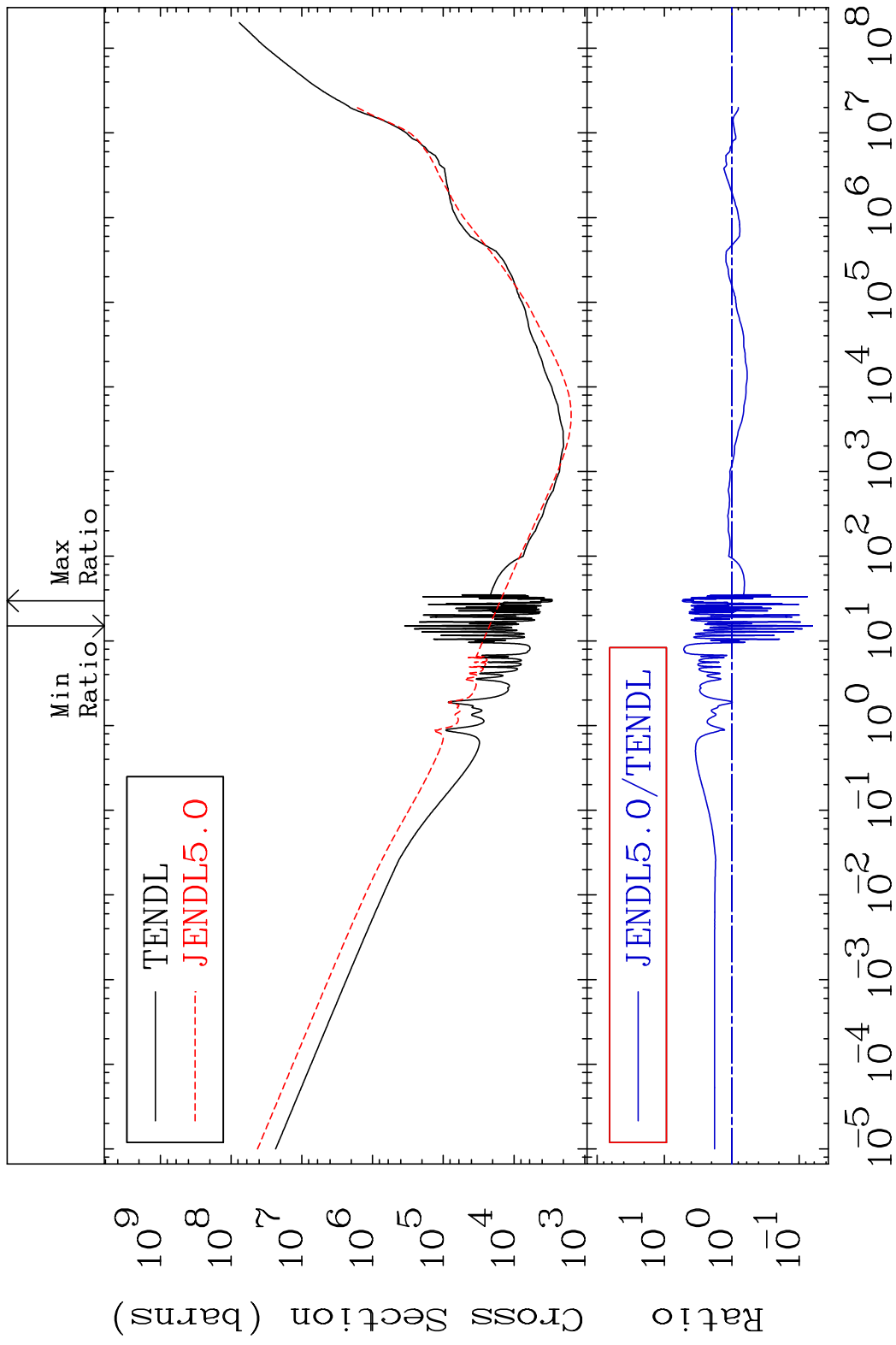
63-Eu-152

MAT 6328 Total photon (eV-barns) 63-Eu-152
 Cross Section -97.70 To 1767. %

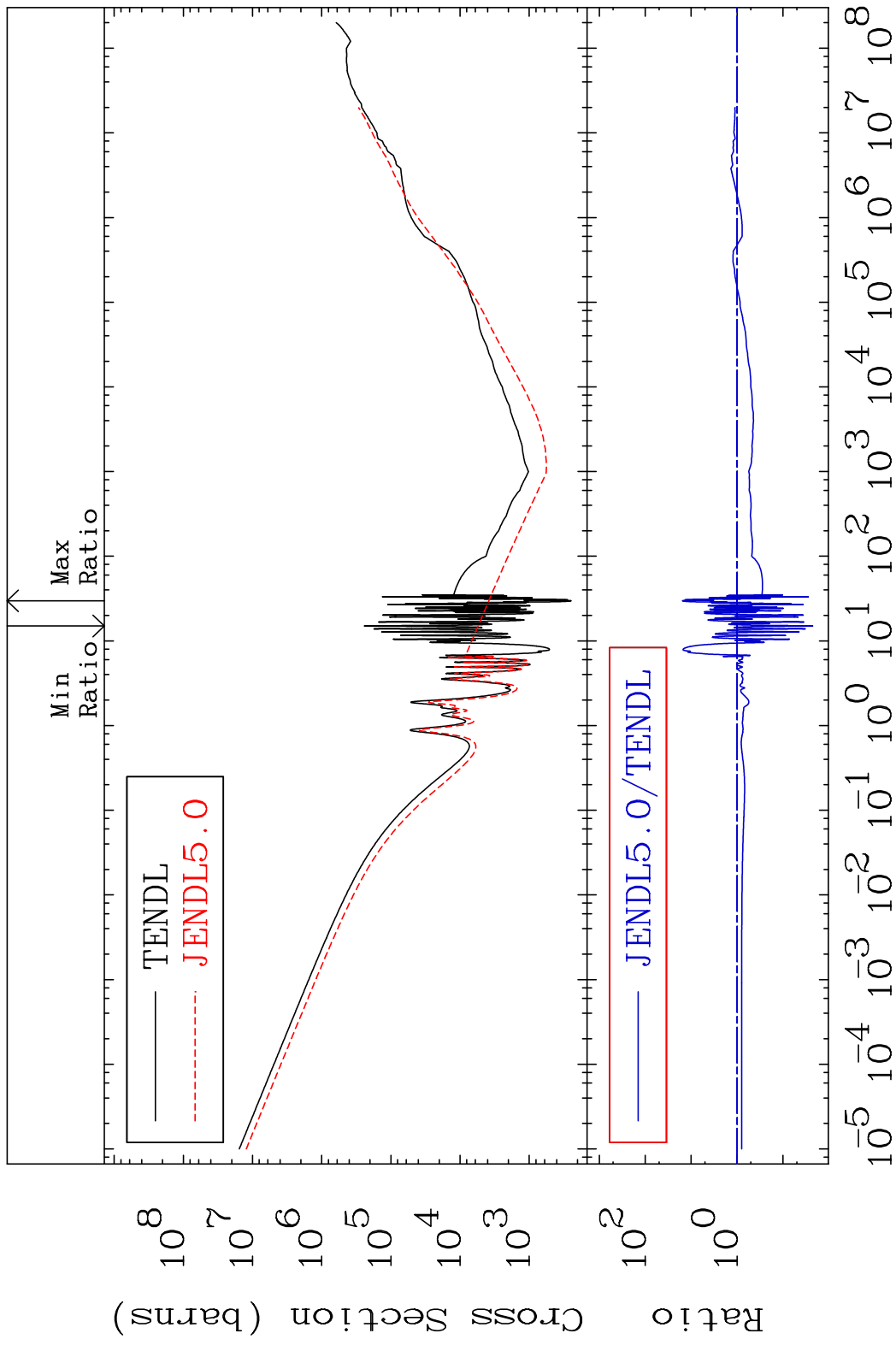


47 Incident Energy (eV) 63-Eu-152

MAT 6328 Total kinematic kerma (high limit) 63-Eu-152
 Cross Section -93.67 To 442.2 %



MAT 6328 Dpa total (eV-barns) 63-Eu-152
 Cross Section -97.73 To 1452. %



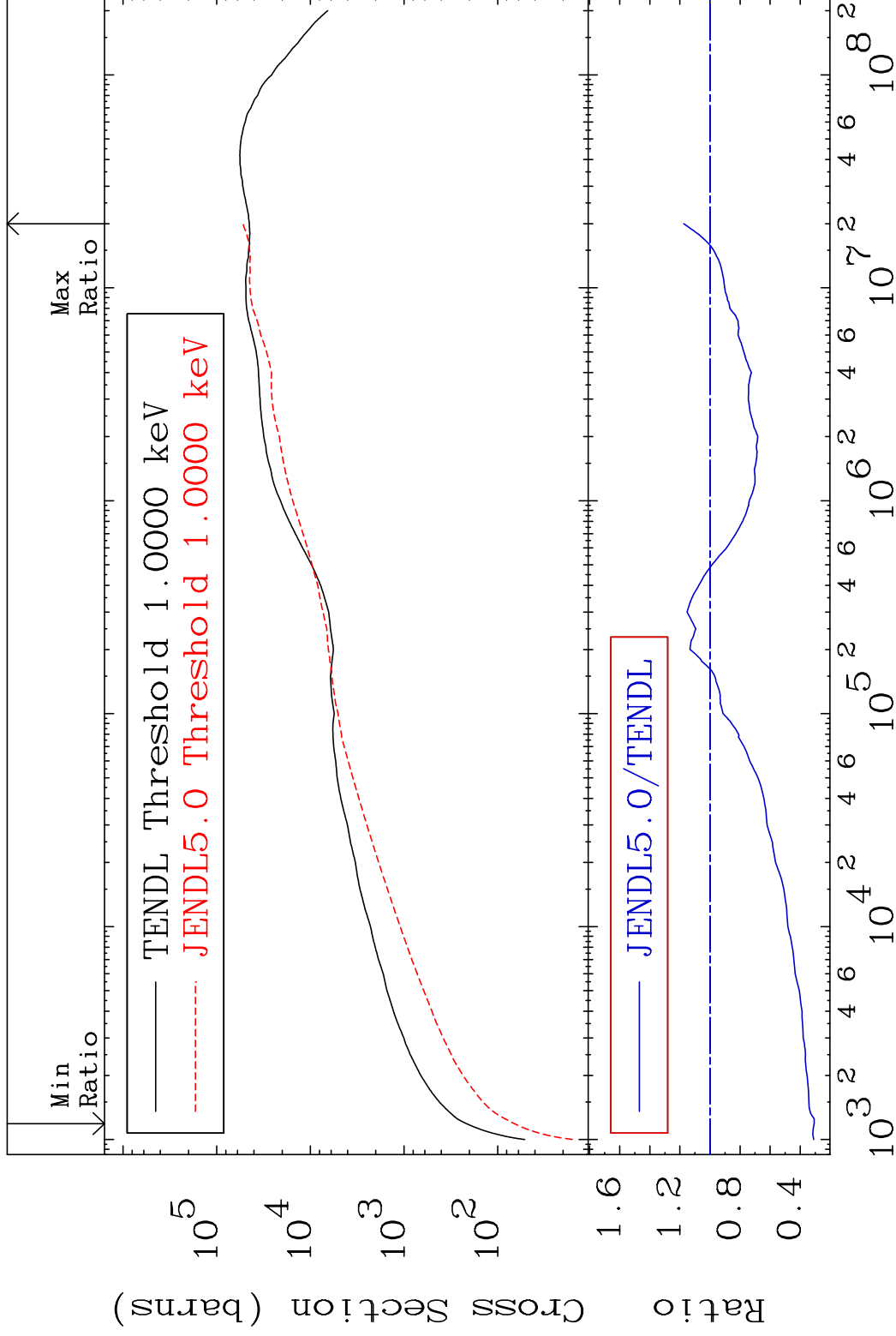
49 Incident Energy (eV) 63-Eu-152

MAT 6328

Dpa elastic (mt2)

63-Eu-152

Cross Section -69.26 To 17.49 %

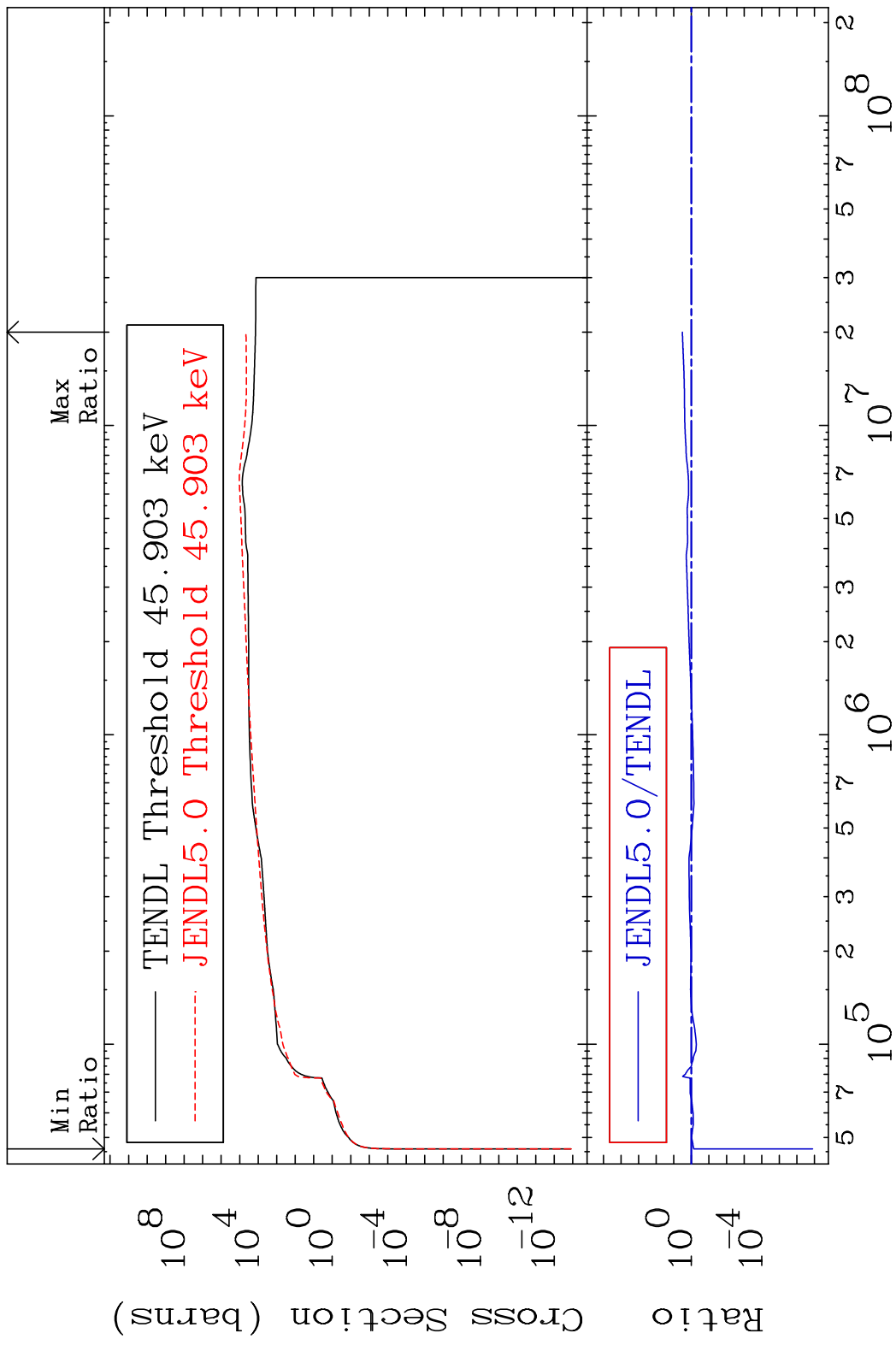


50

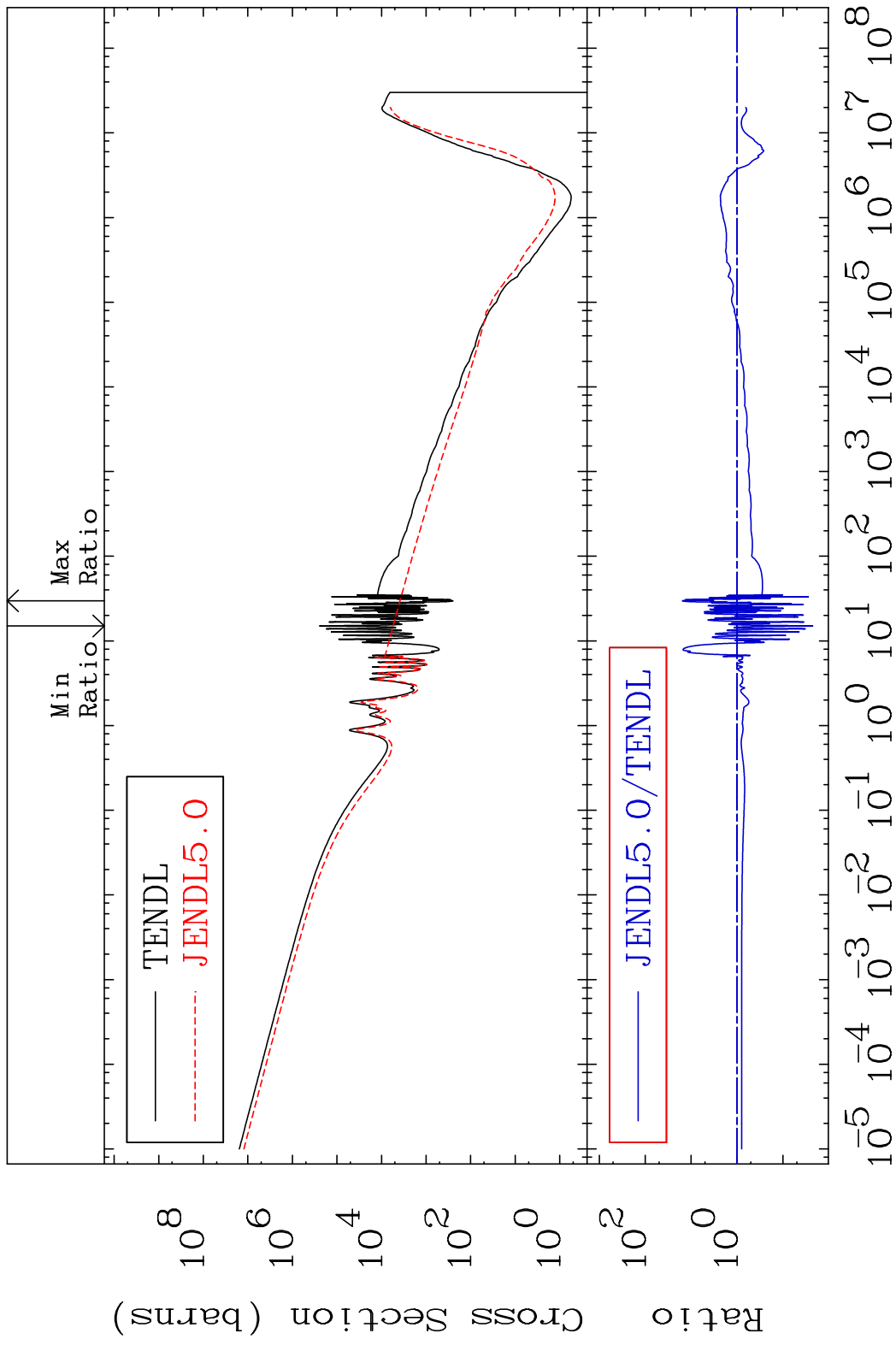
Incident Energy (eV)

63-Eu-152

MAT 6328 Dpa inelastic (mt51-91) 63-Eu-152
 Cross Section -100.0 To 226.6 %



MAT 6328 Dpa disappearance (mt102 -120) 63-Eu-152
 Cross Section -97.73 To 1452. %



52 Incident Energy (eV) 63-Eu-152