

Program Complot
(Version 2021-1)

by

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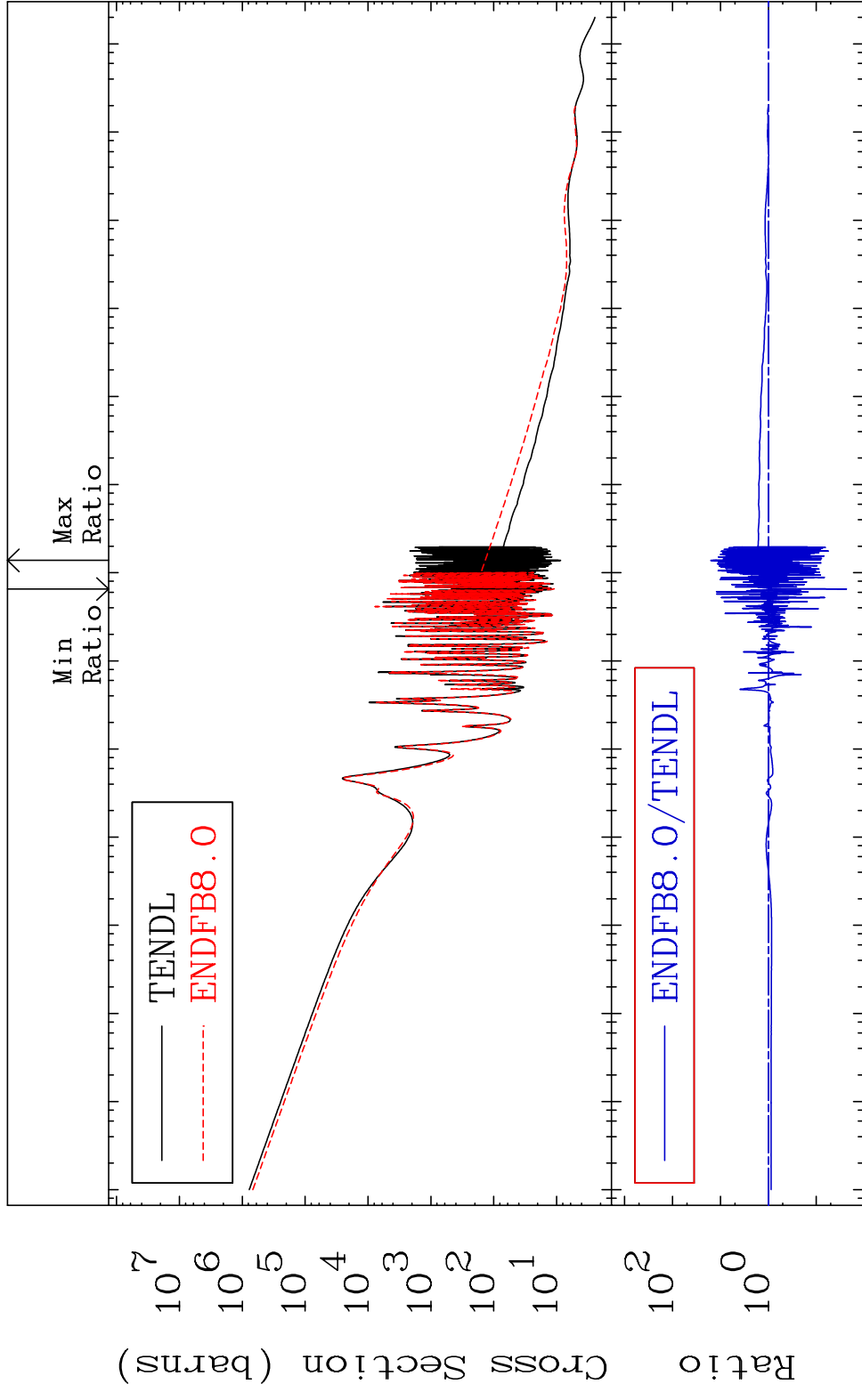
Tele: 925-443-1911

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

Press Mouse Button to Start

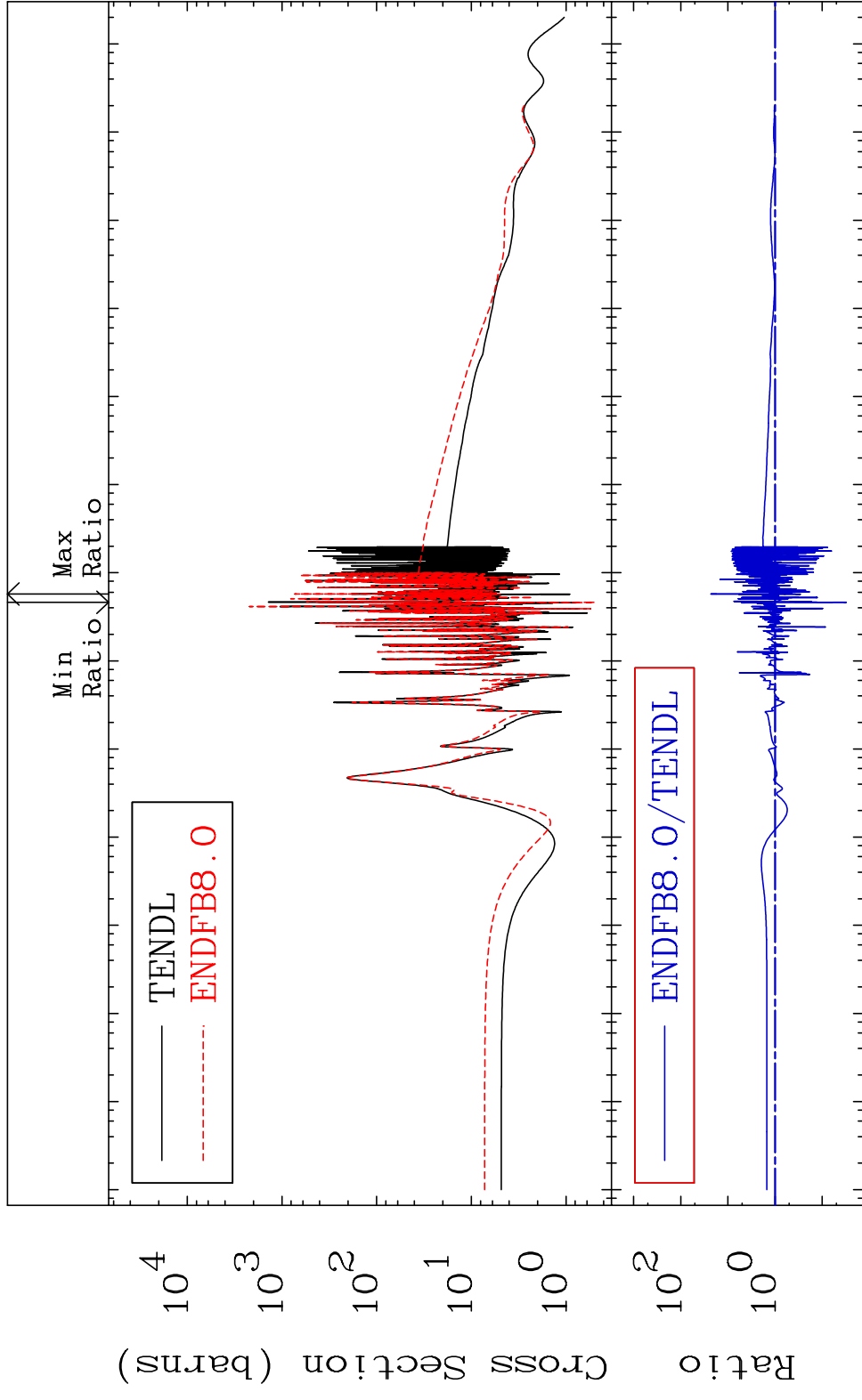
MAT 6325

Total Cross Section -97.64 To 1497. %
63-Eu-151

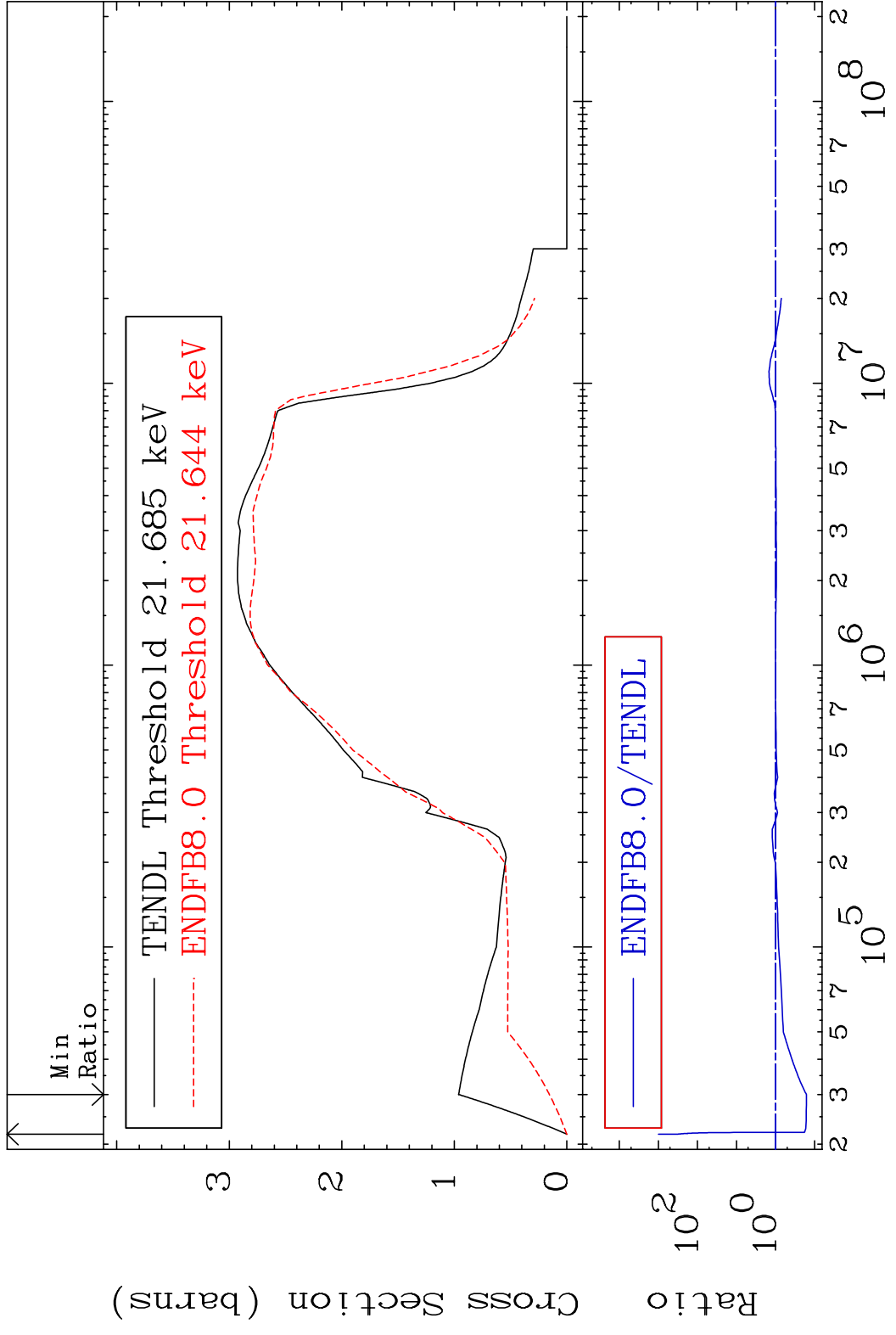


MAT 6325

Elastic Cross Section -96.92 To 2216. %
63-Eu-151



MAT 6325 Inelastic 63-Eu-151
 Cross Section -83.88 To 9999. %



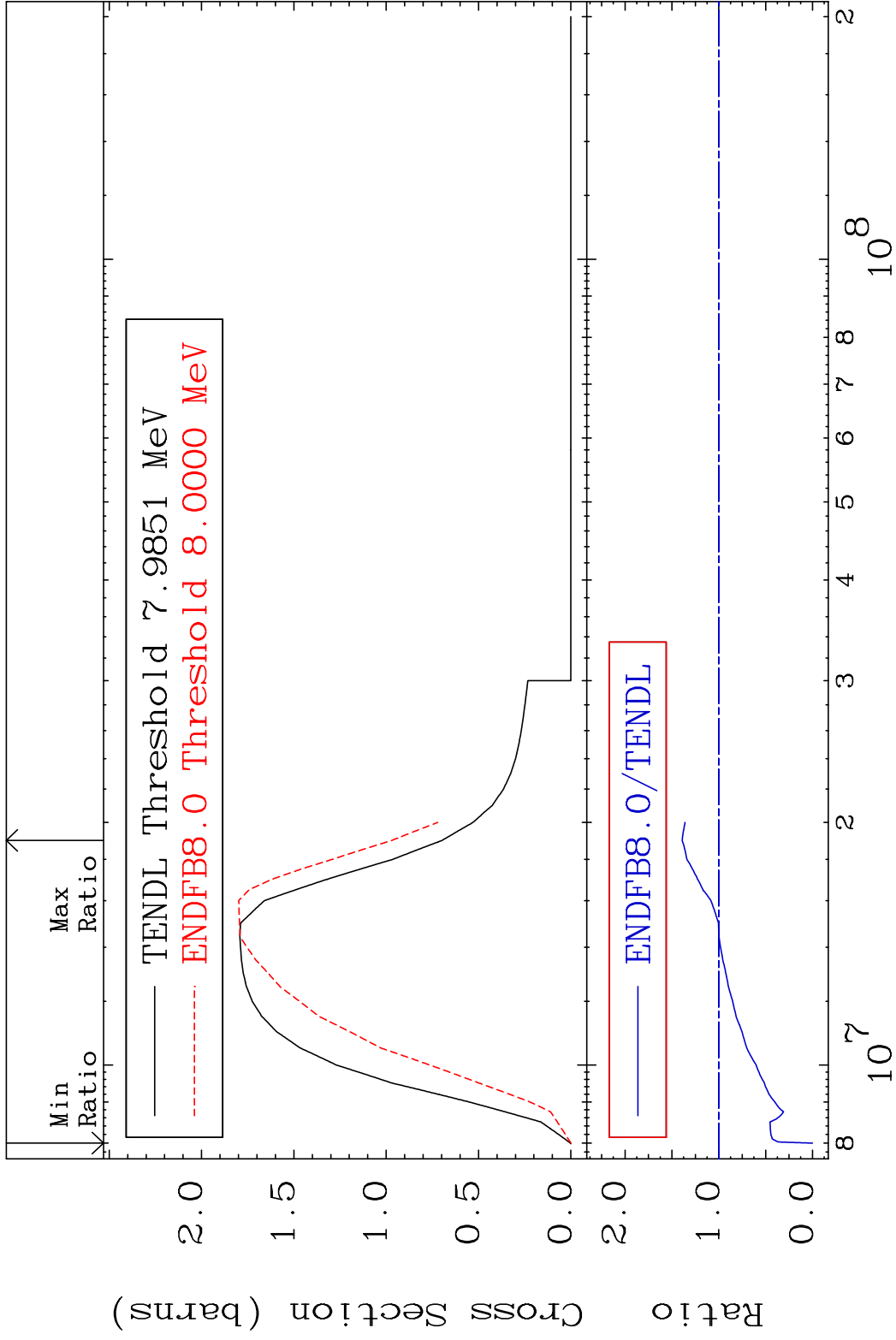
3 Incident Energy (eV) 63-Eu-151

MAT 6325

(n,2n)

63-Eu-151

Cross Section -100.0 To 39.09 %



4

Incident Energy (eV)

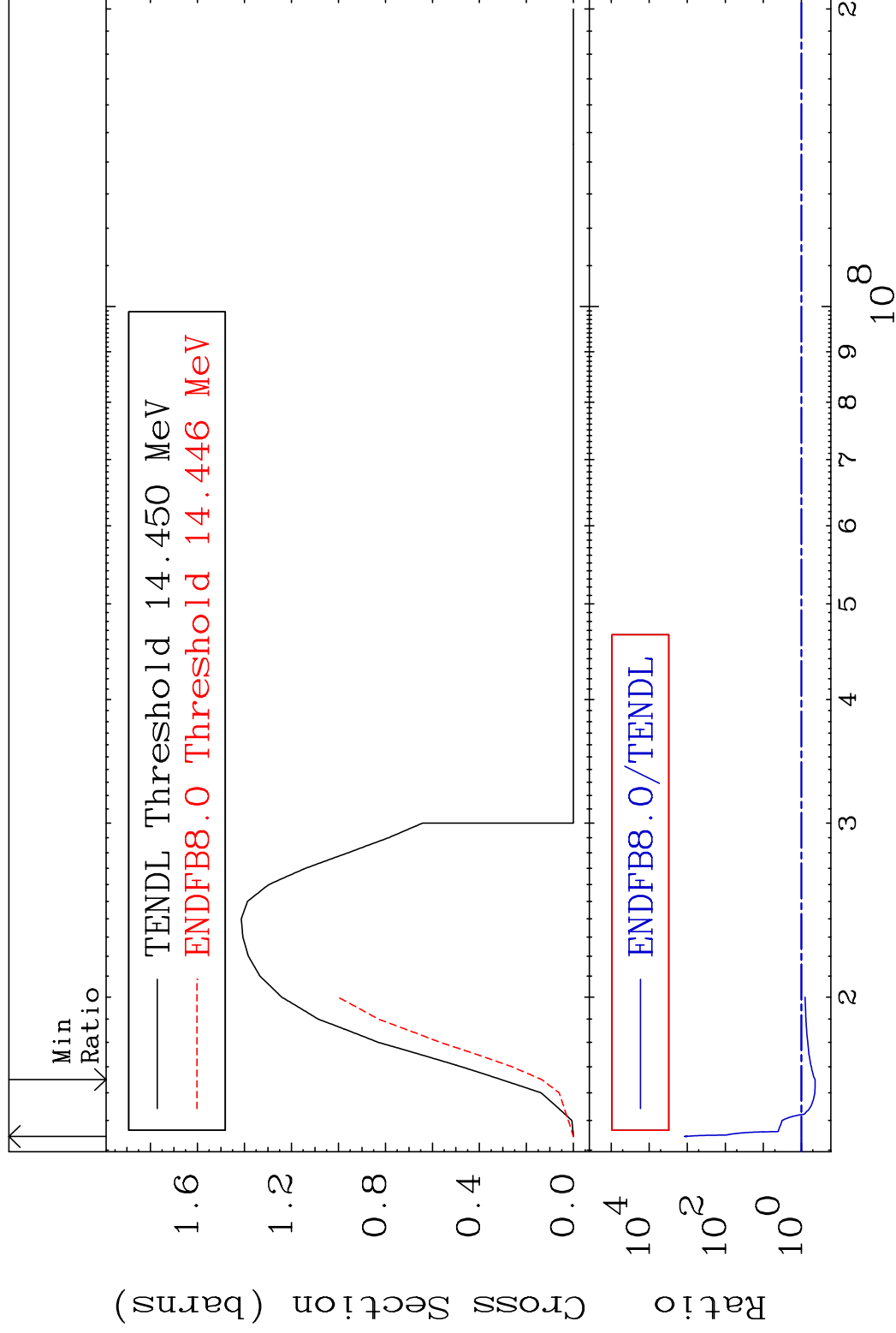
63-Eu-151

MAT 6325

(n,3n)

63-Eu-151

Cross Section -56.09 To 9999. %



5

Incident Energy (eV)

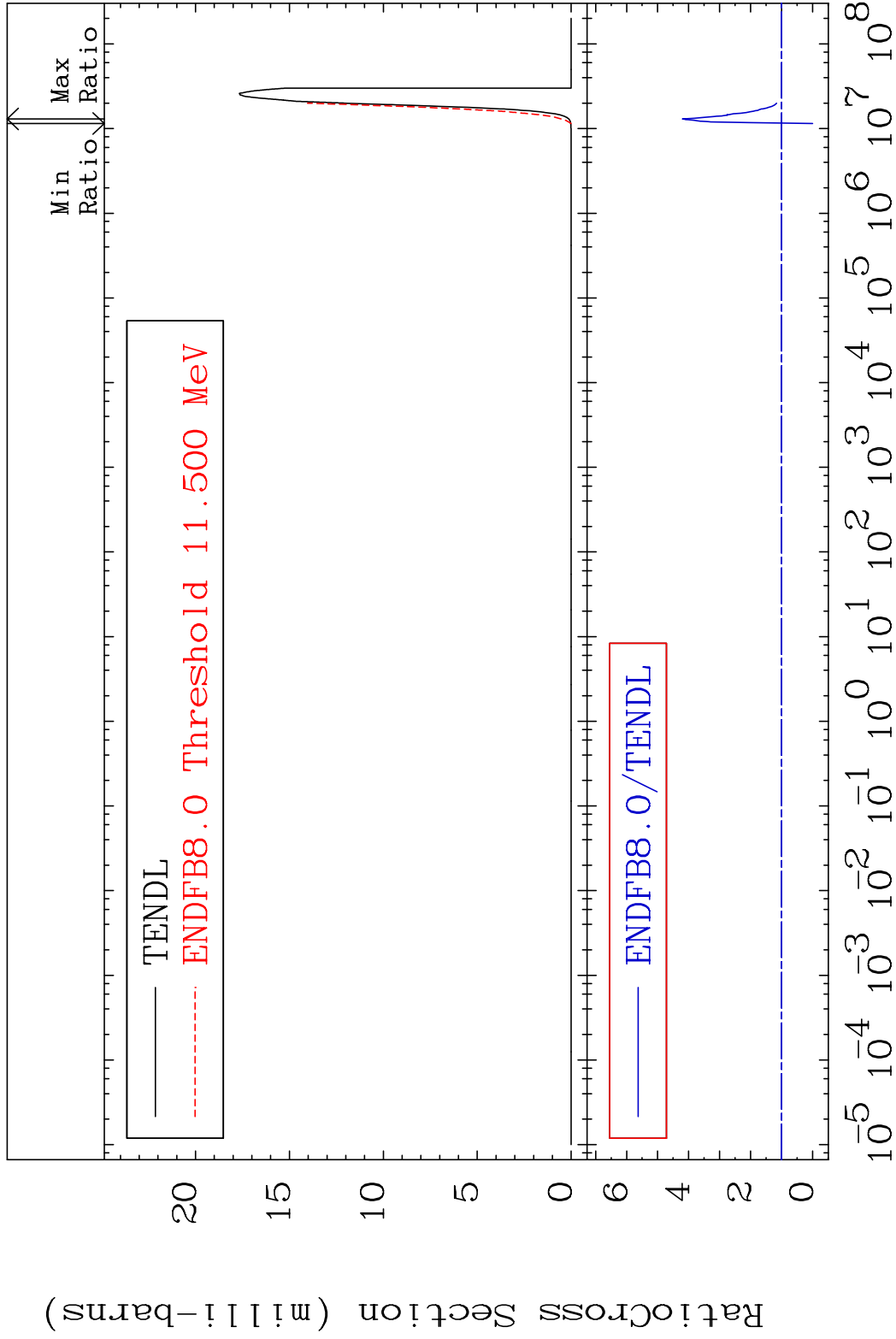
63-Eu-151

MAT 6325

(n, n') α

63-Eu-151

Cross Section -100.0 To 320.2 %



6

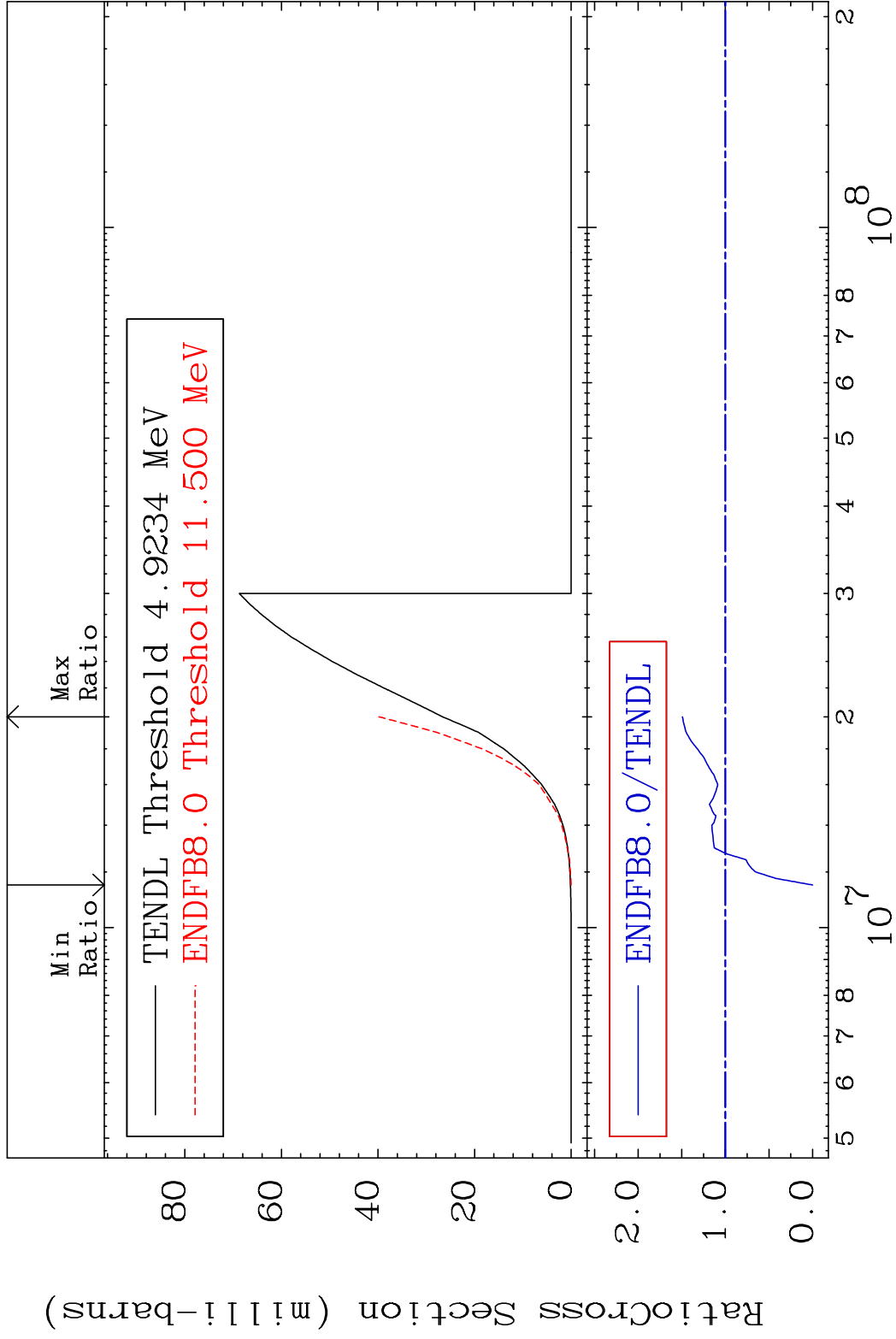
Incident Energy (eV)

63-Eu-151

MAT 6325

(n, n') p 63-Eu-151

Cross Section -100.0 To 49.34 %

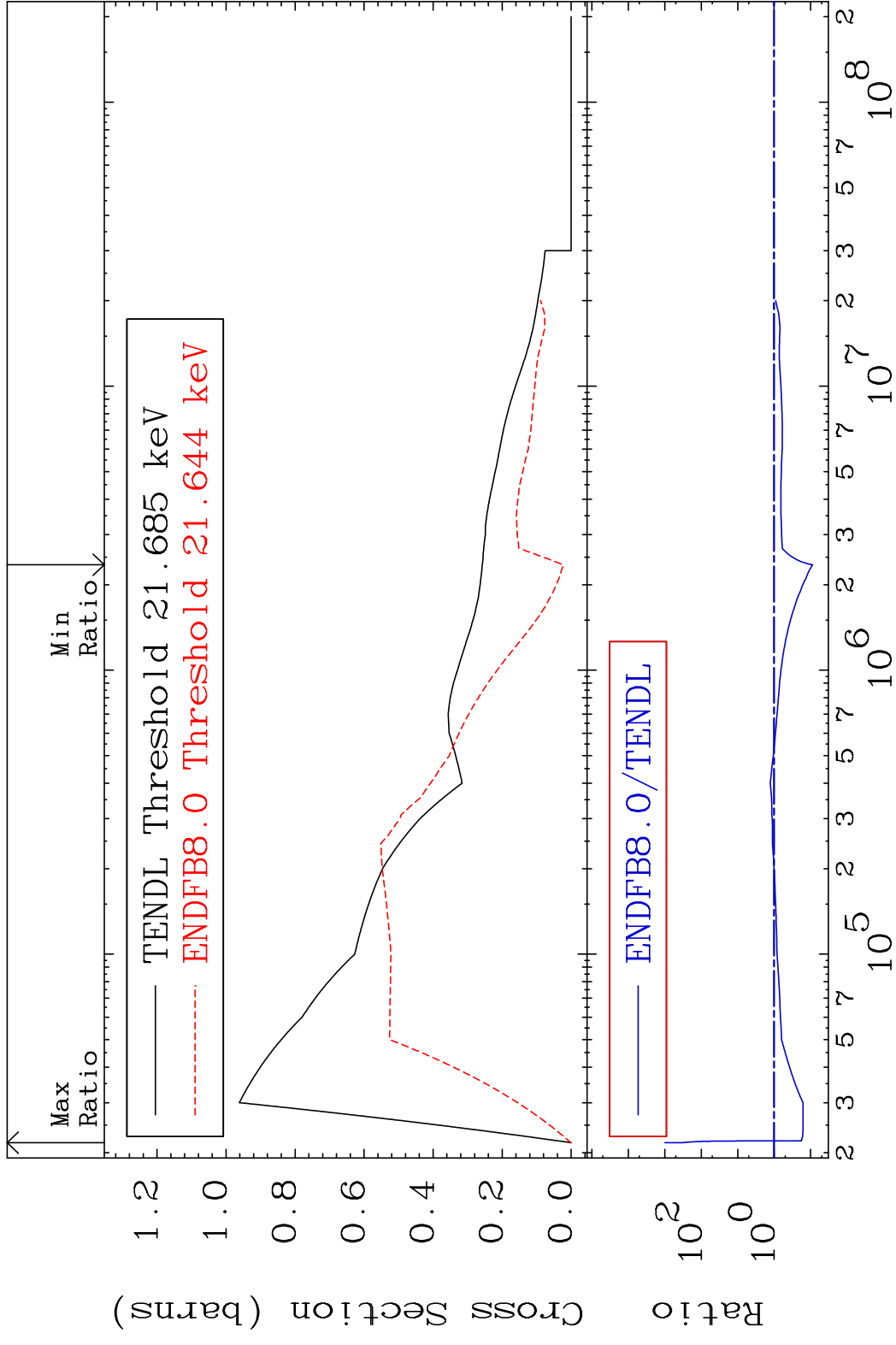


7

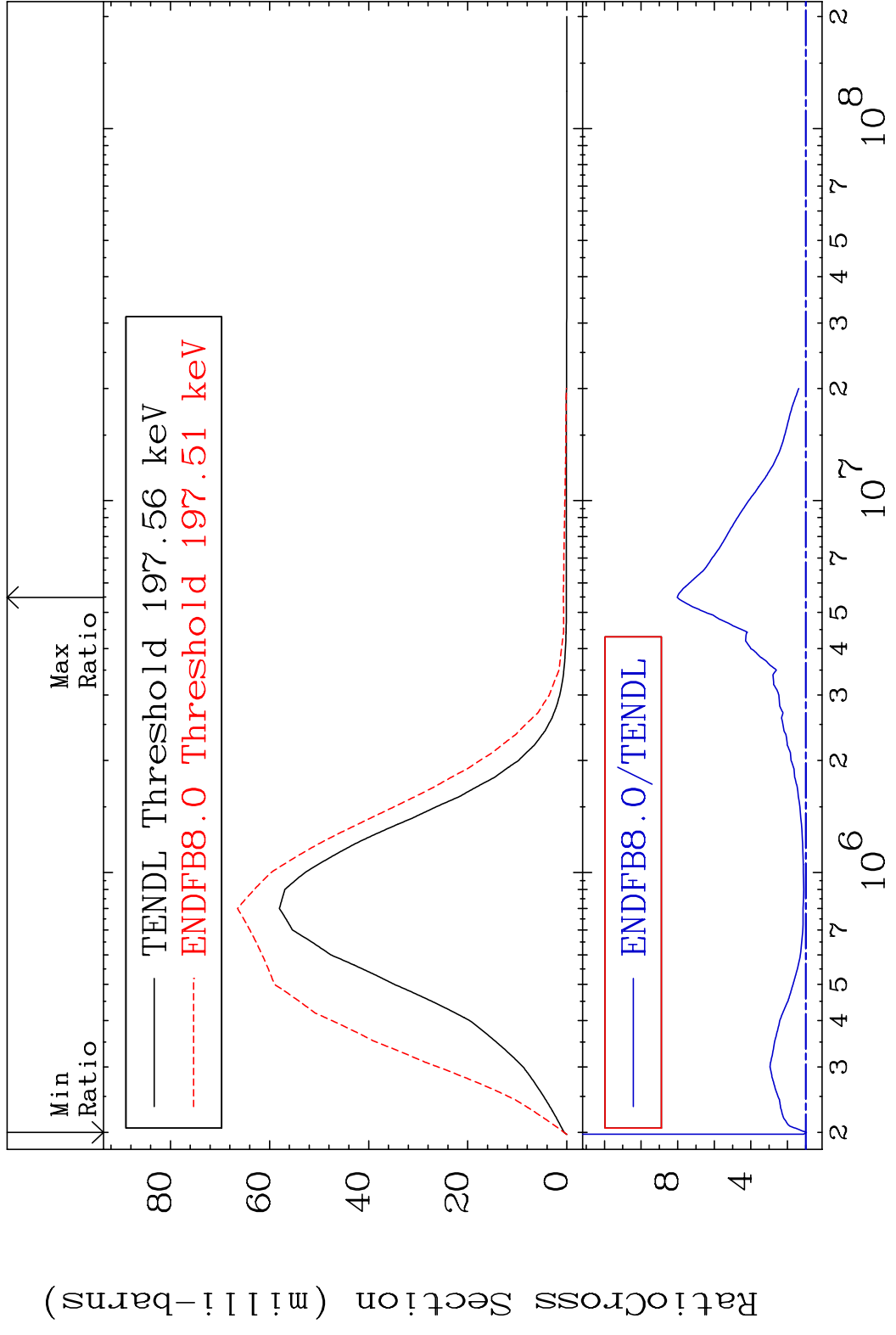
Incident Energy (eV)

63-Eu-151

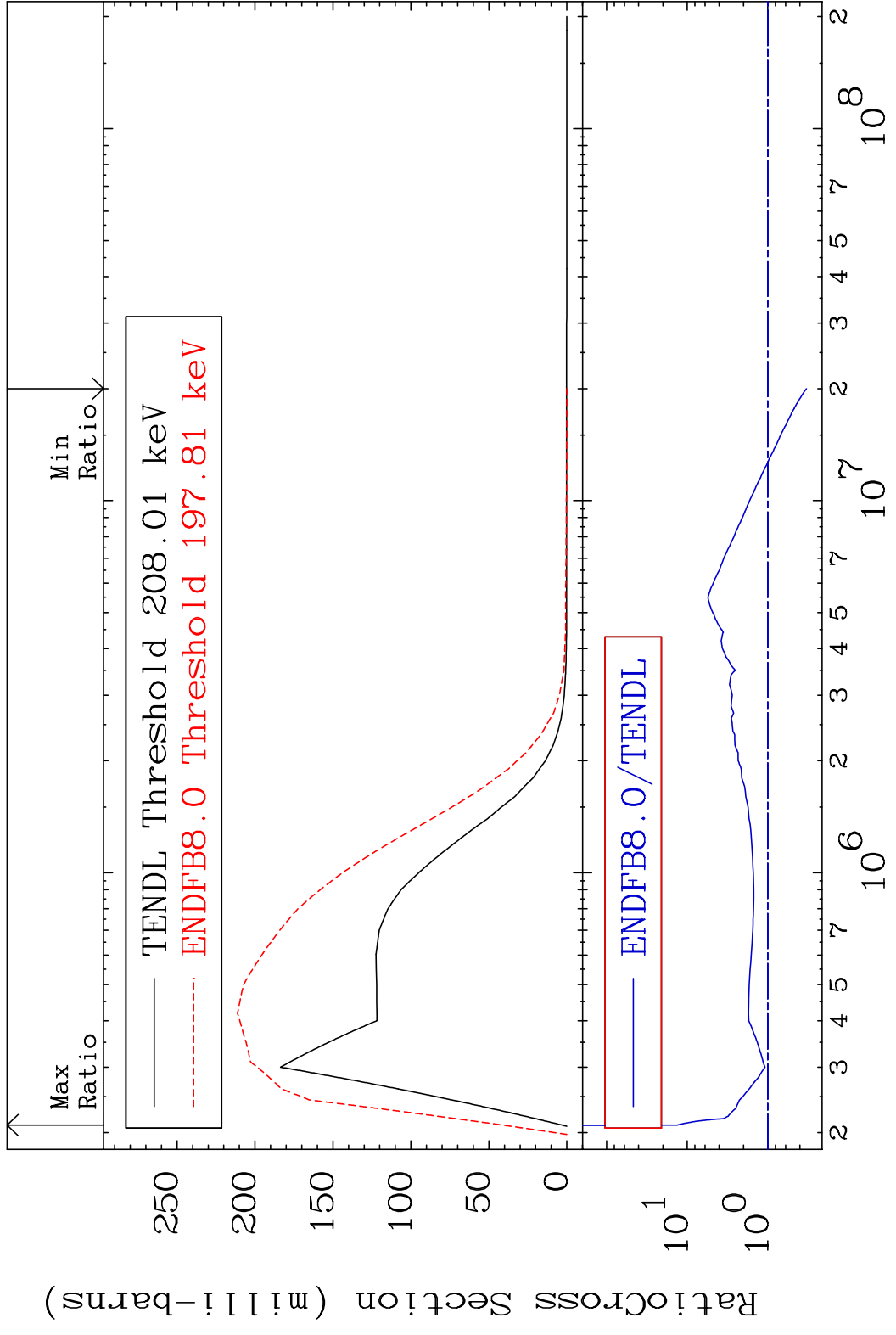
MAT 6325 MT= 51 (n, n') Level 63-Eu-151
 Cross Section -91.13 To 9999. %



MAT 6325 MT= 52 (n, n') Level 63-Eu-151
 Cross Section -3.534 To 702.7 %

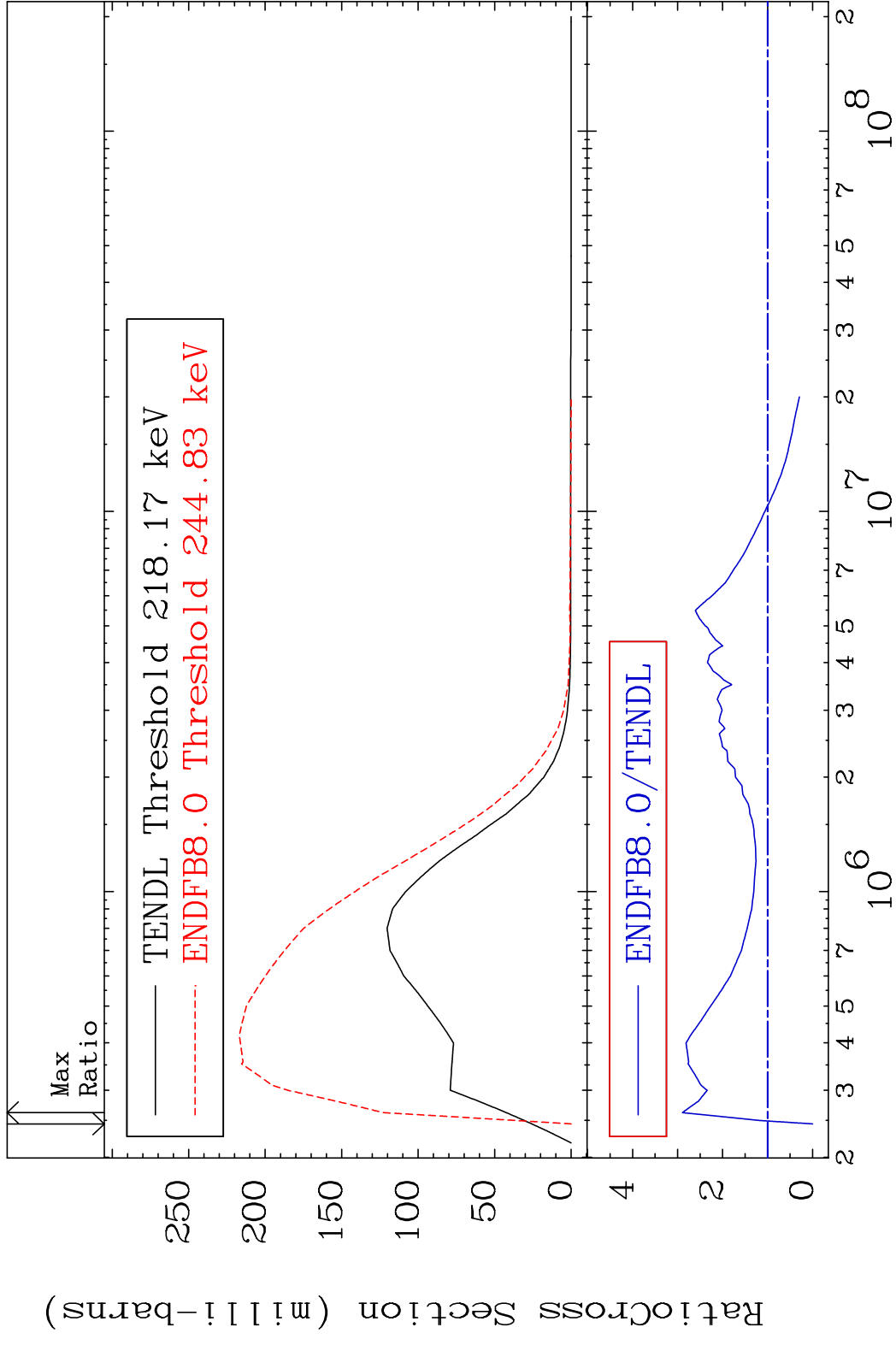


MAT 6325 MT= 53 (n,n') Level 63-Eu-151
 Cross Section -66.90 To 1228. %

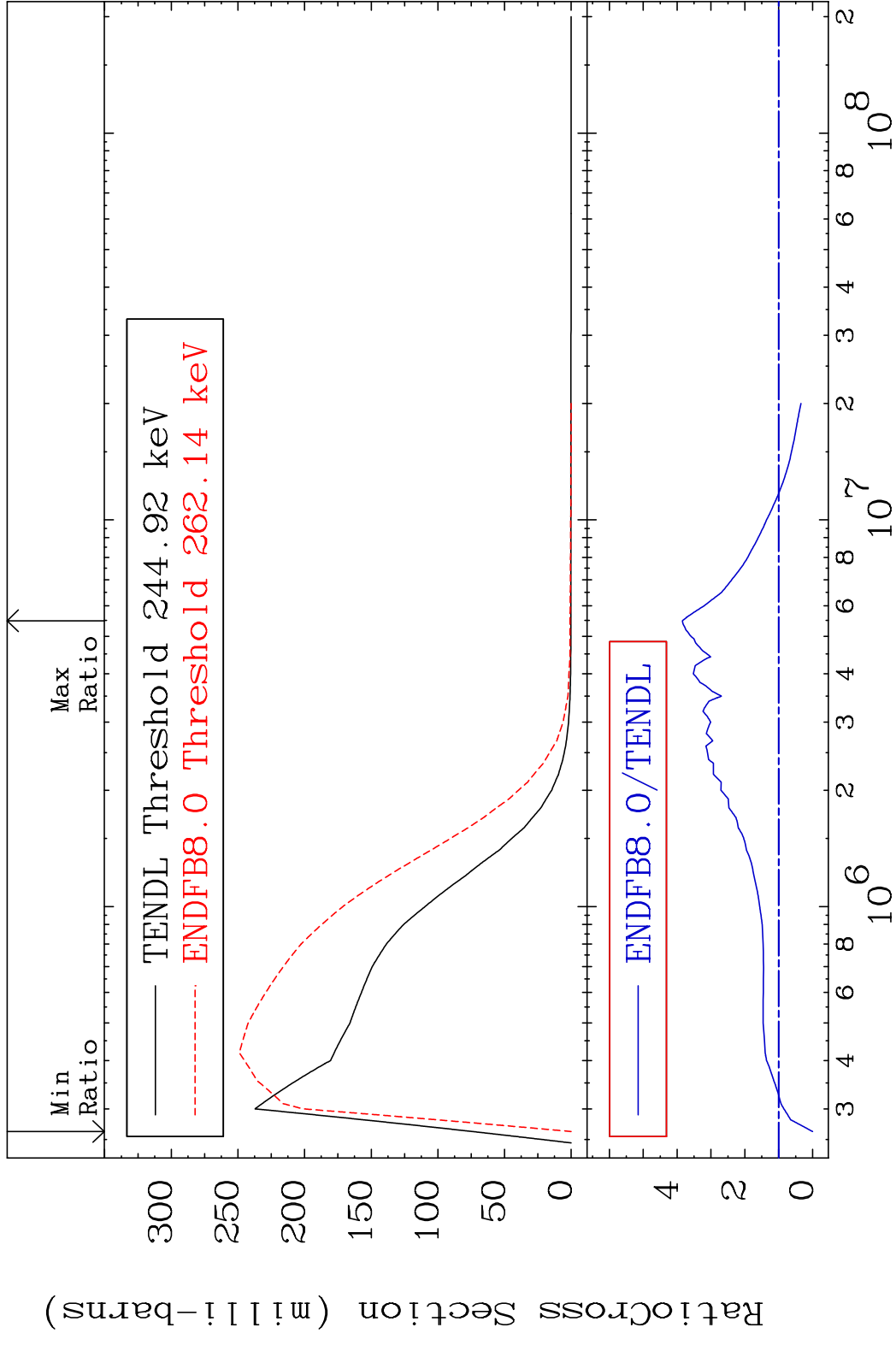


10 Incident Energy (eV) 63-Eu-151

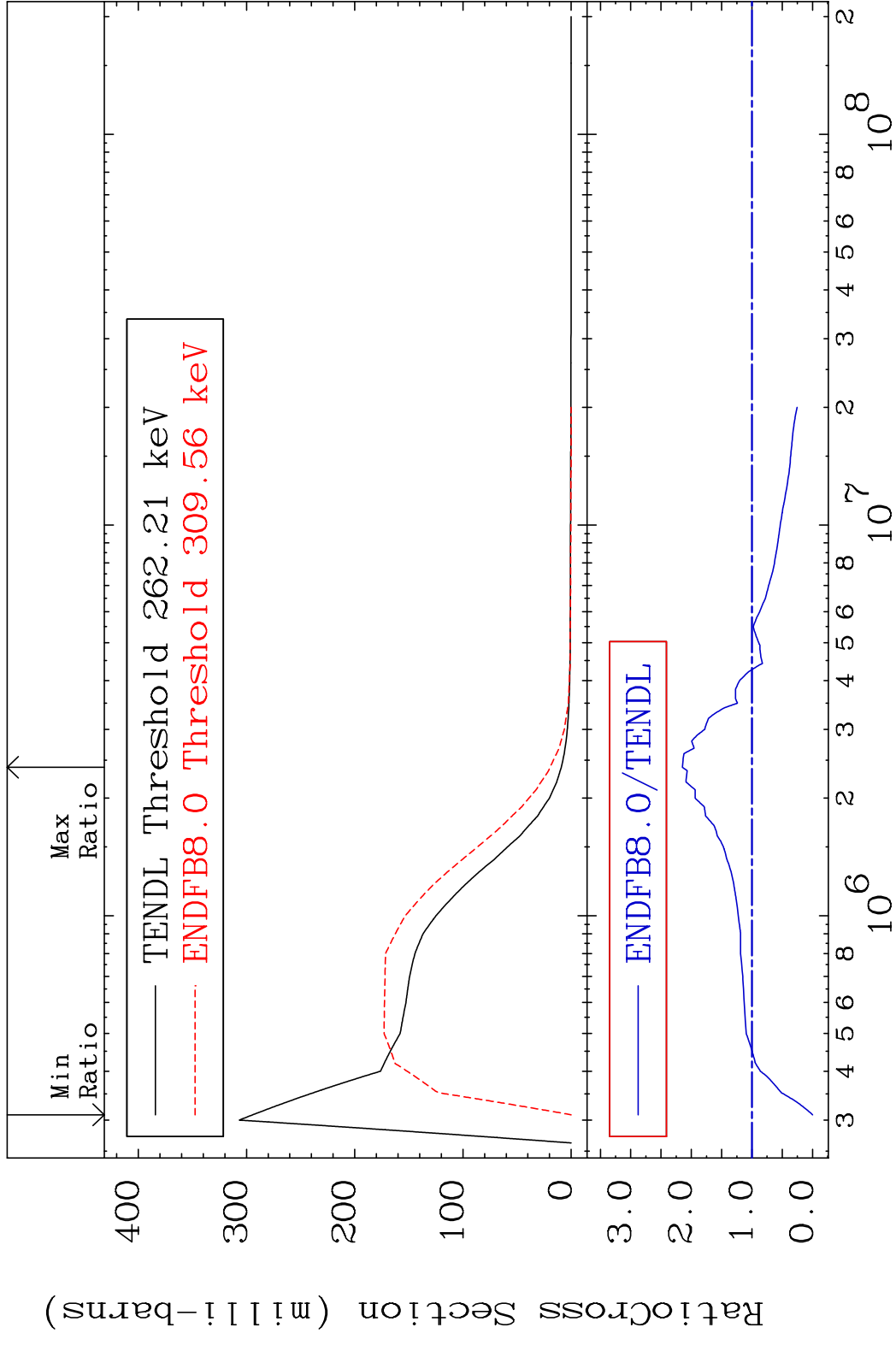
MAT 6325 MT= 54 (n,n') Level 63-Eu-151
 Cross Section -100.0 To 189.4 %



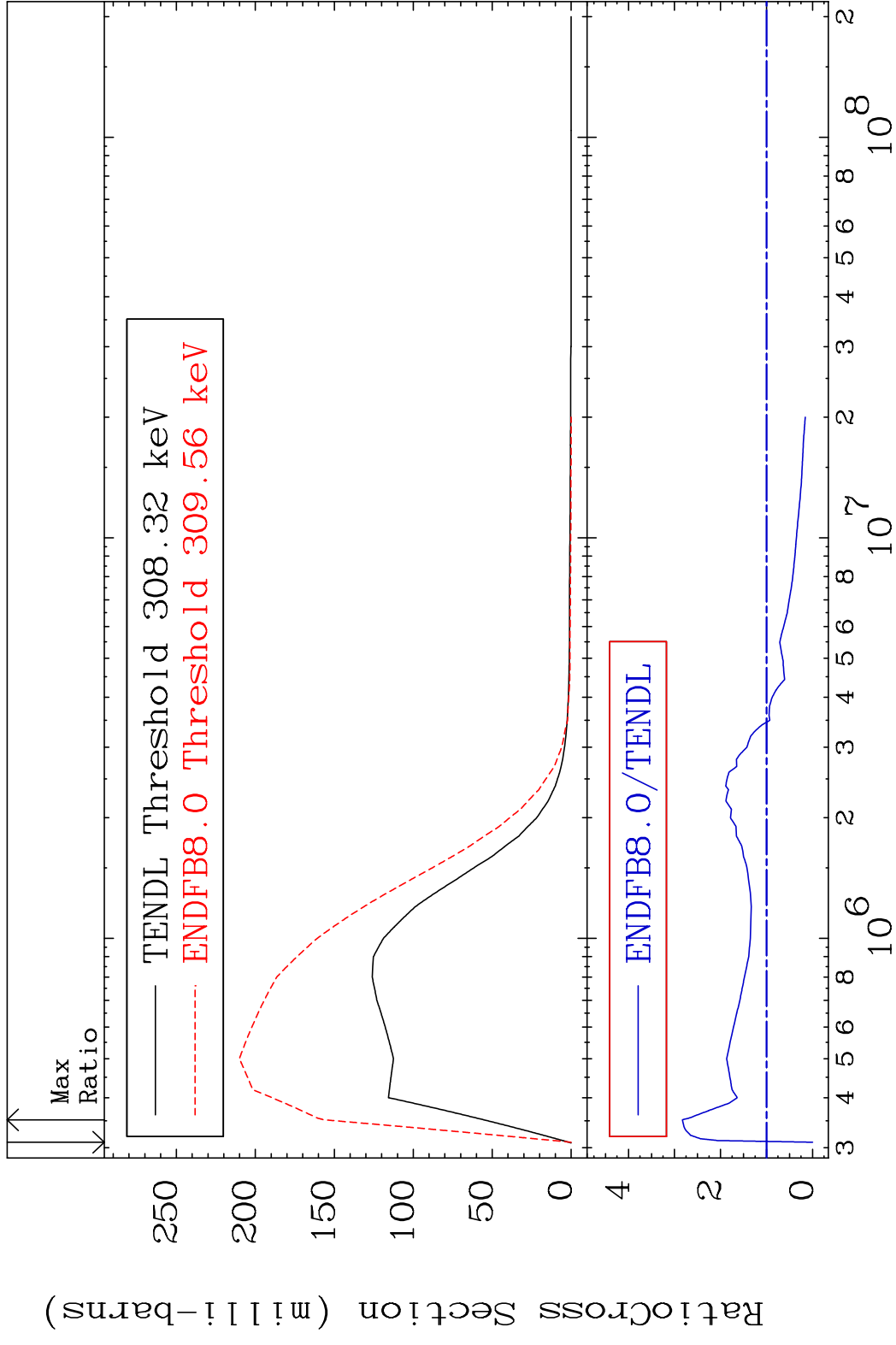
MAT 6325 MT= 55 (n, n') Level 63-Eu-151
 Cross Section -100.0 To 284.5 %



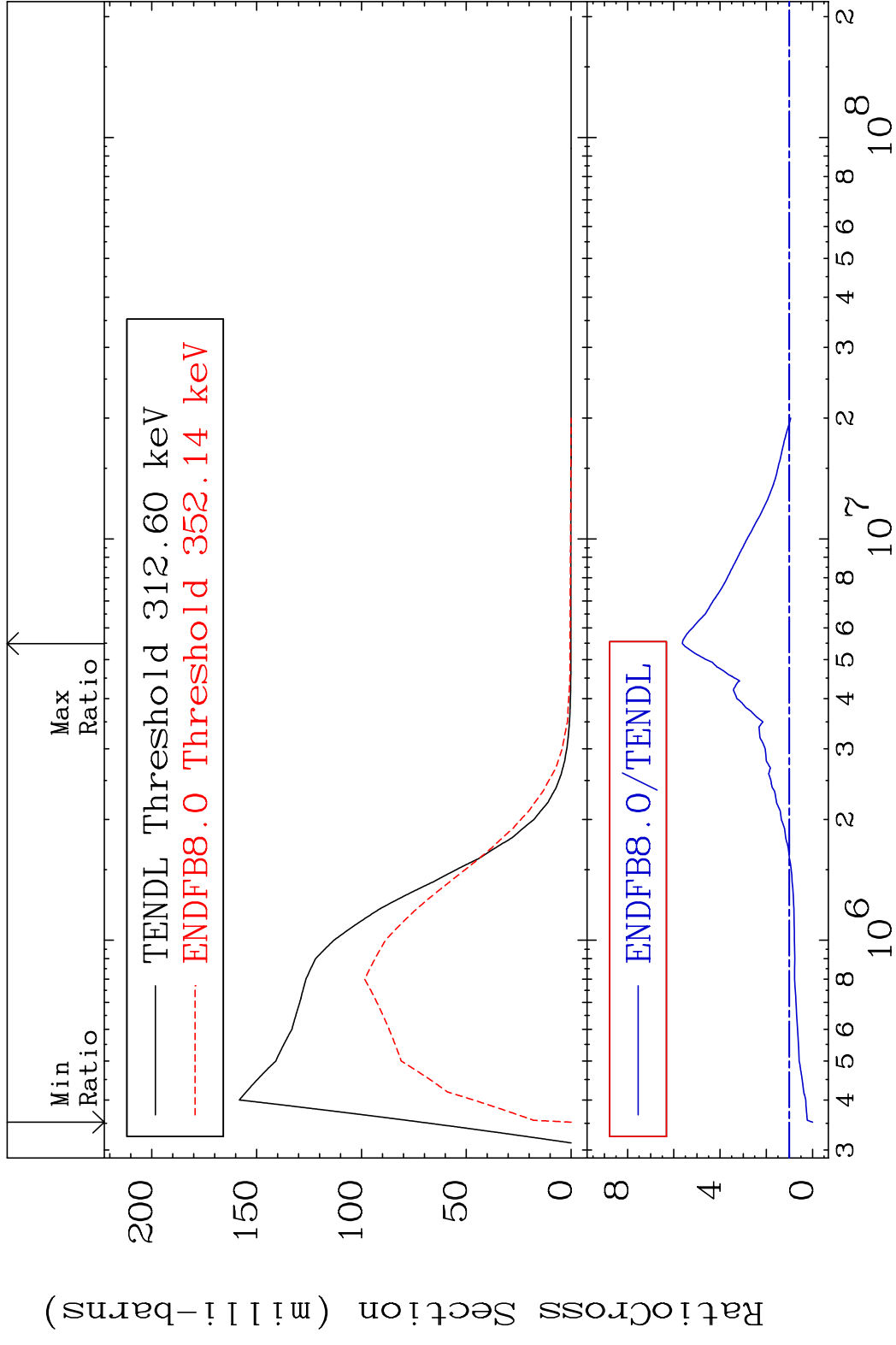
MAT 6325 MT= 56 (n,n') Level 63-Eu-151
 Cross Section -100.0 To 114.8 %



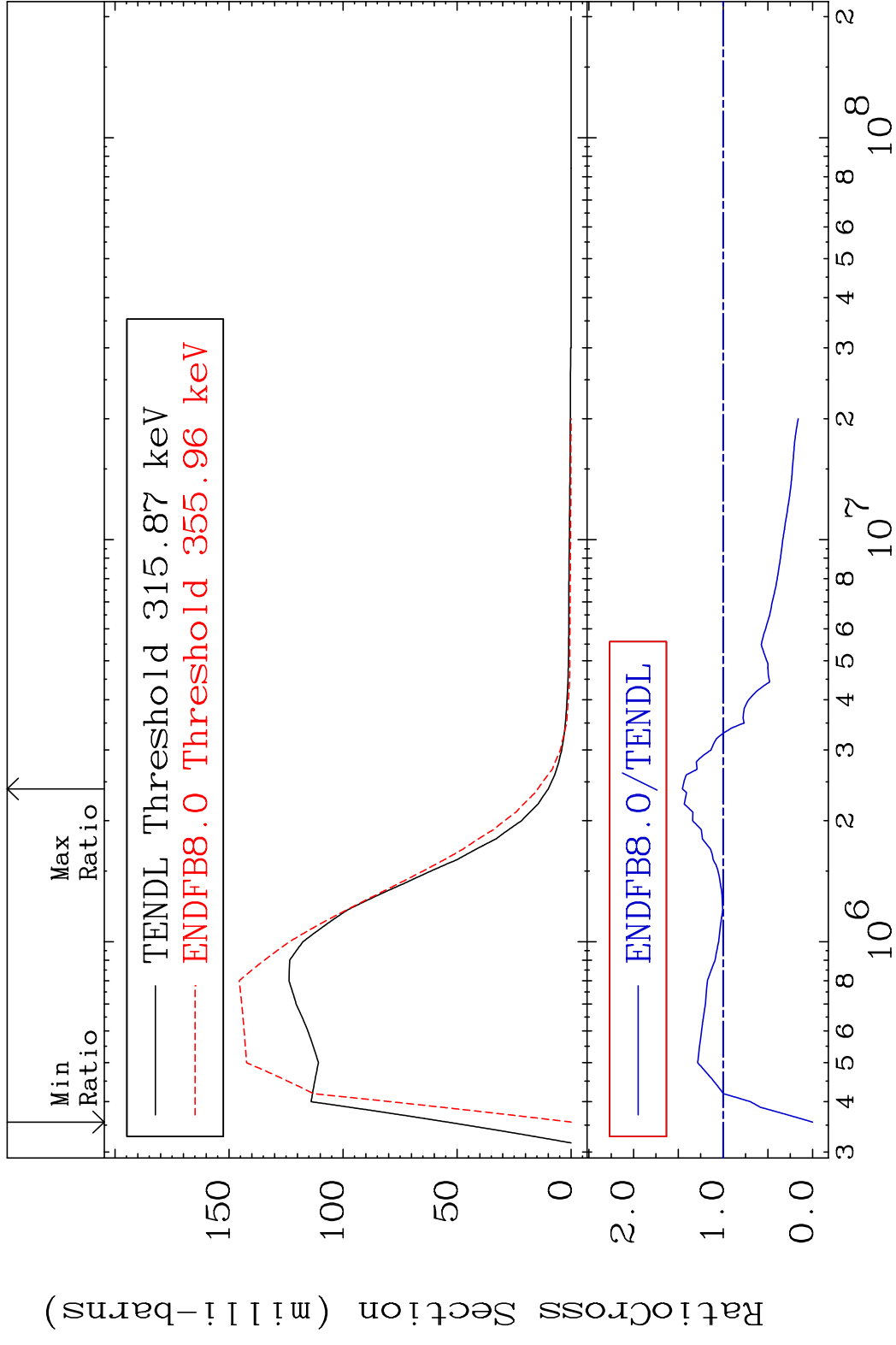
MAT 6325 MT= 57 (n,n') Level 63-Eu-151
 Cross Section -100.0 To 183.0 %



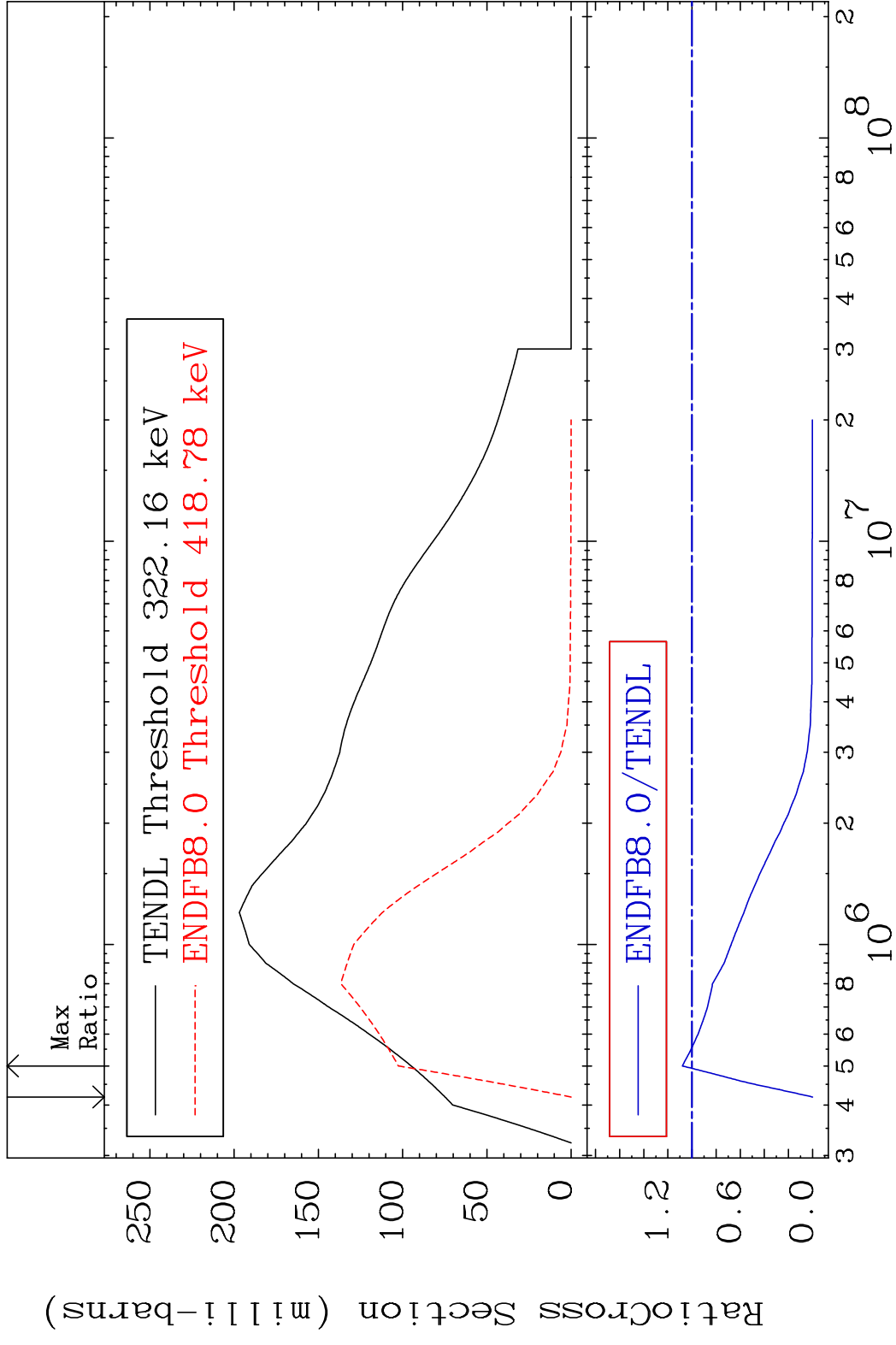
MAT 6325 MT= 58 (n, n') Level 63-Eu-151
 Cross Section -100.0 To 463.1 %



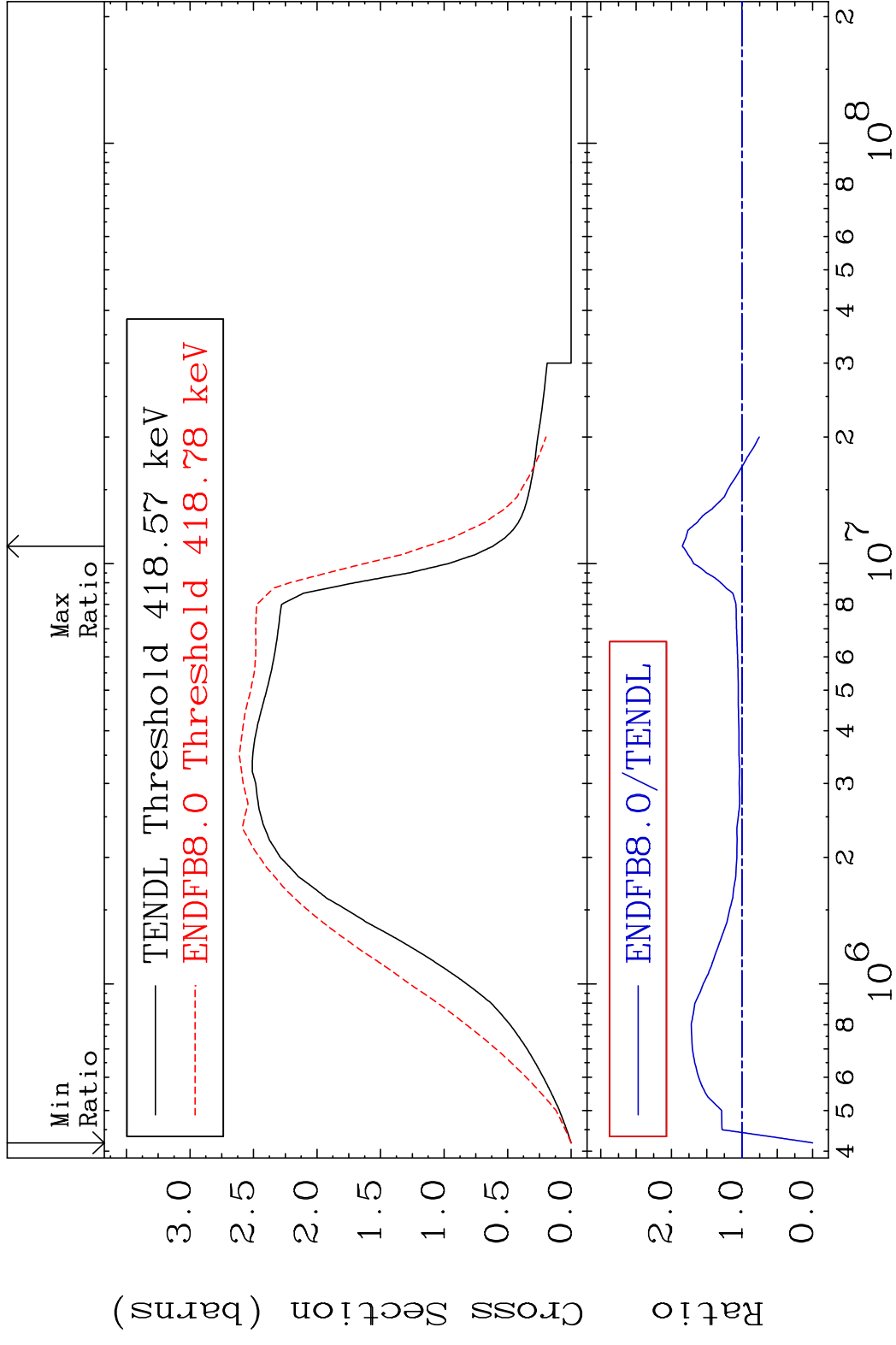
MAT 6325 MT= 59 (n,n') Level 63-Eu-151
 Cross Section -100.0 To 45.55 %



MAT 6325 MT= 60 (n, n') Level 63-Eu-151
 Cross Section -100.0 To 7.997 %



MAT 6325 (n, n') Continuum 63-Eu-151
 Cross Section -100.0 To 84.49 %

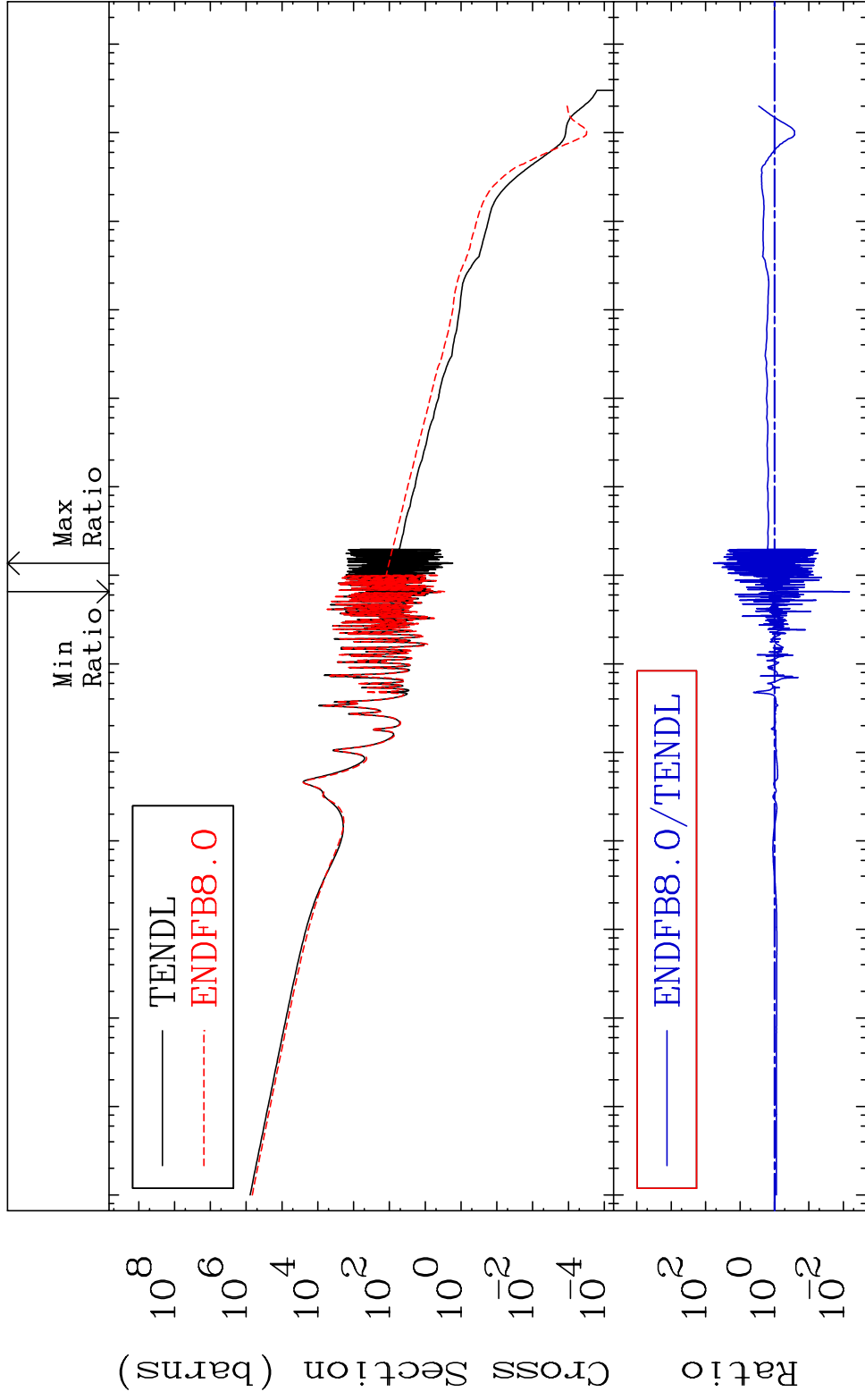


MAT 6325

(n, γ)

63-Eu-151

Cross Section -99.33 To 5931. %

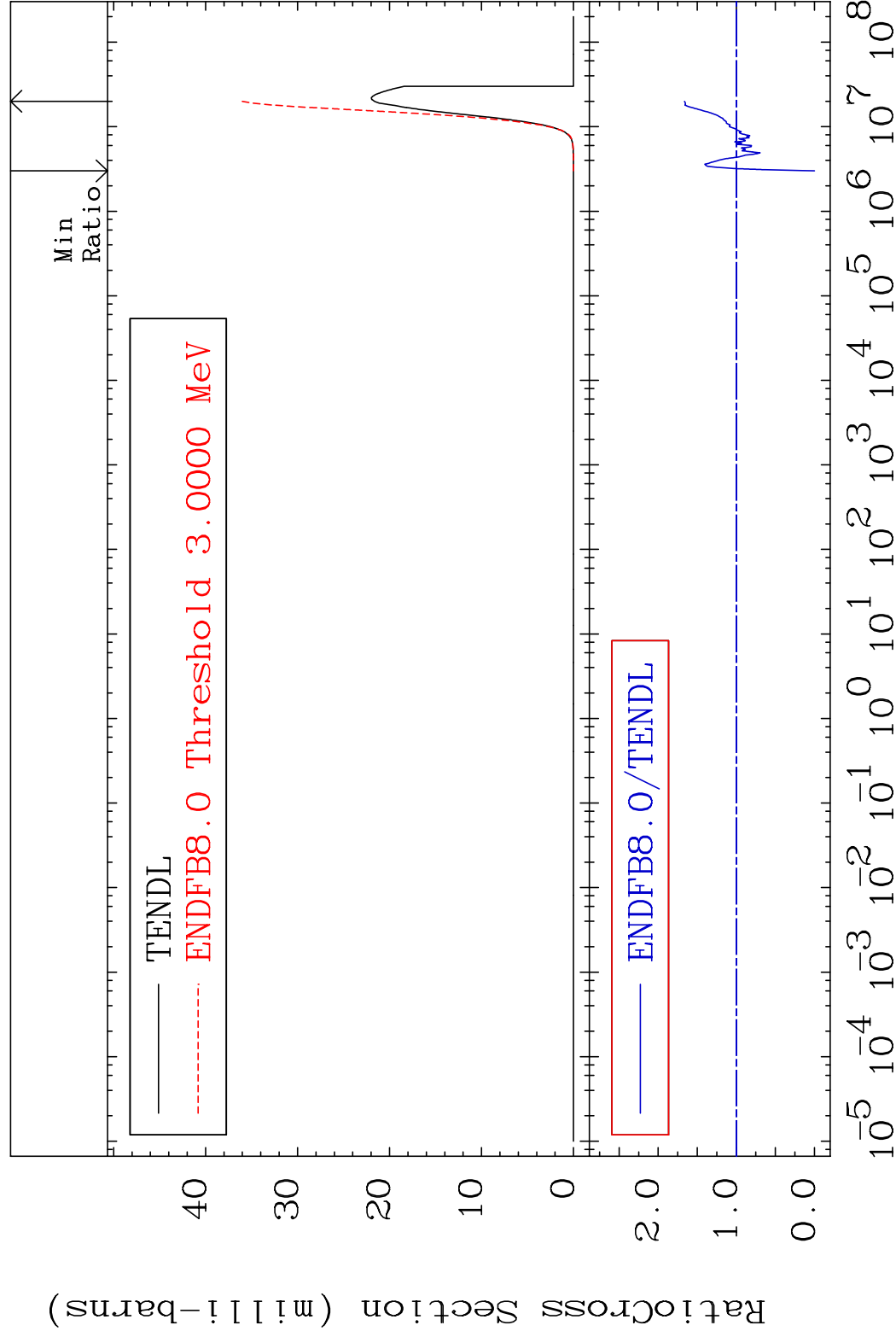


MAT 6325

(n, p)

63-Eu-151

Cross Section -100.0 To 66.37 %

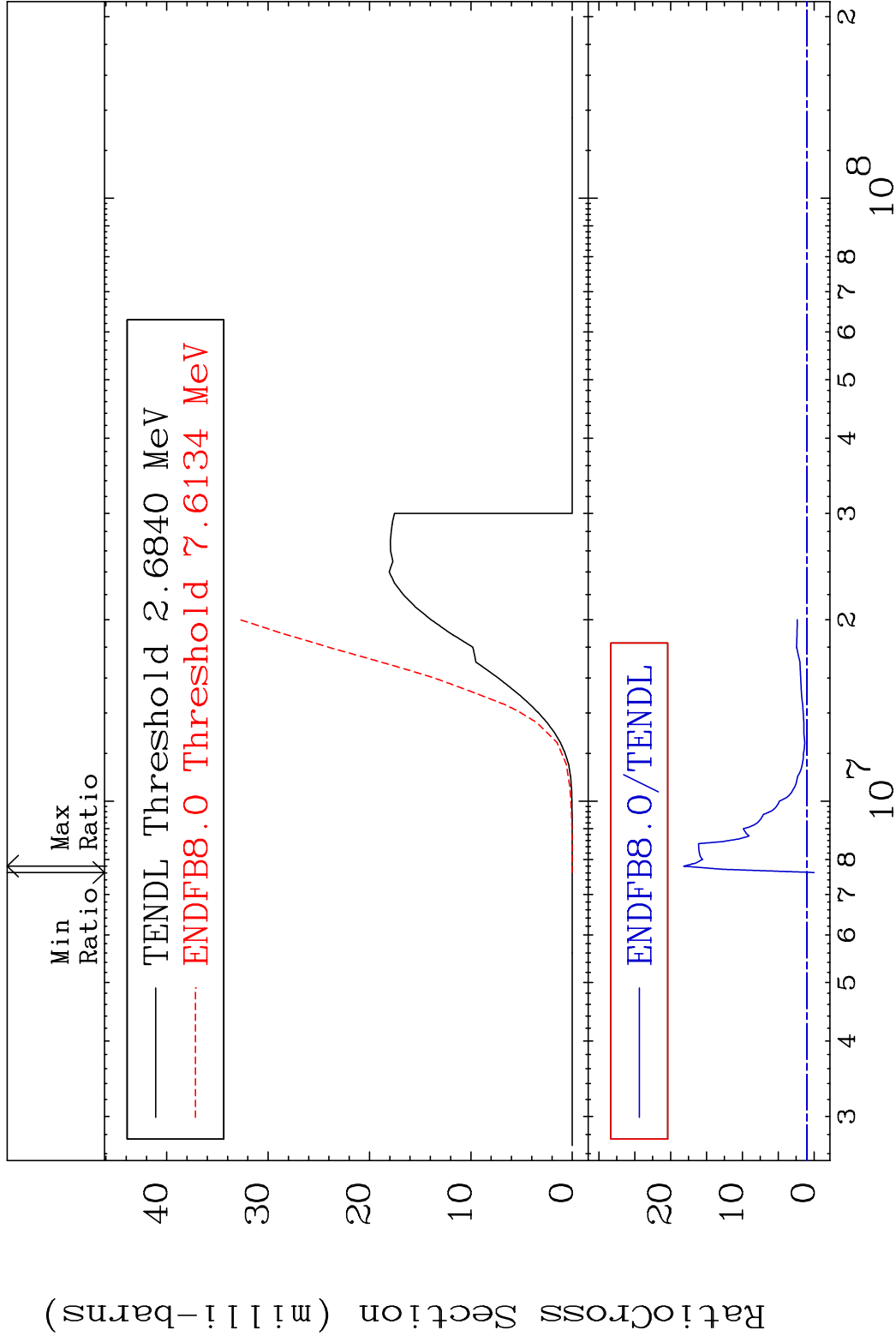


MAT 6325

(n,d)

63-Eu-151

Cross Section -100.0 To 1718. %

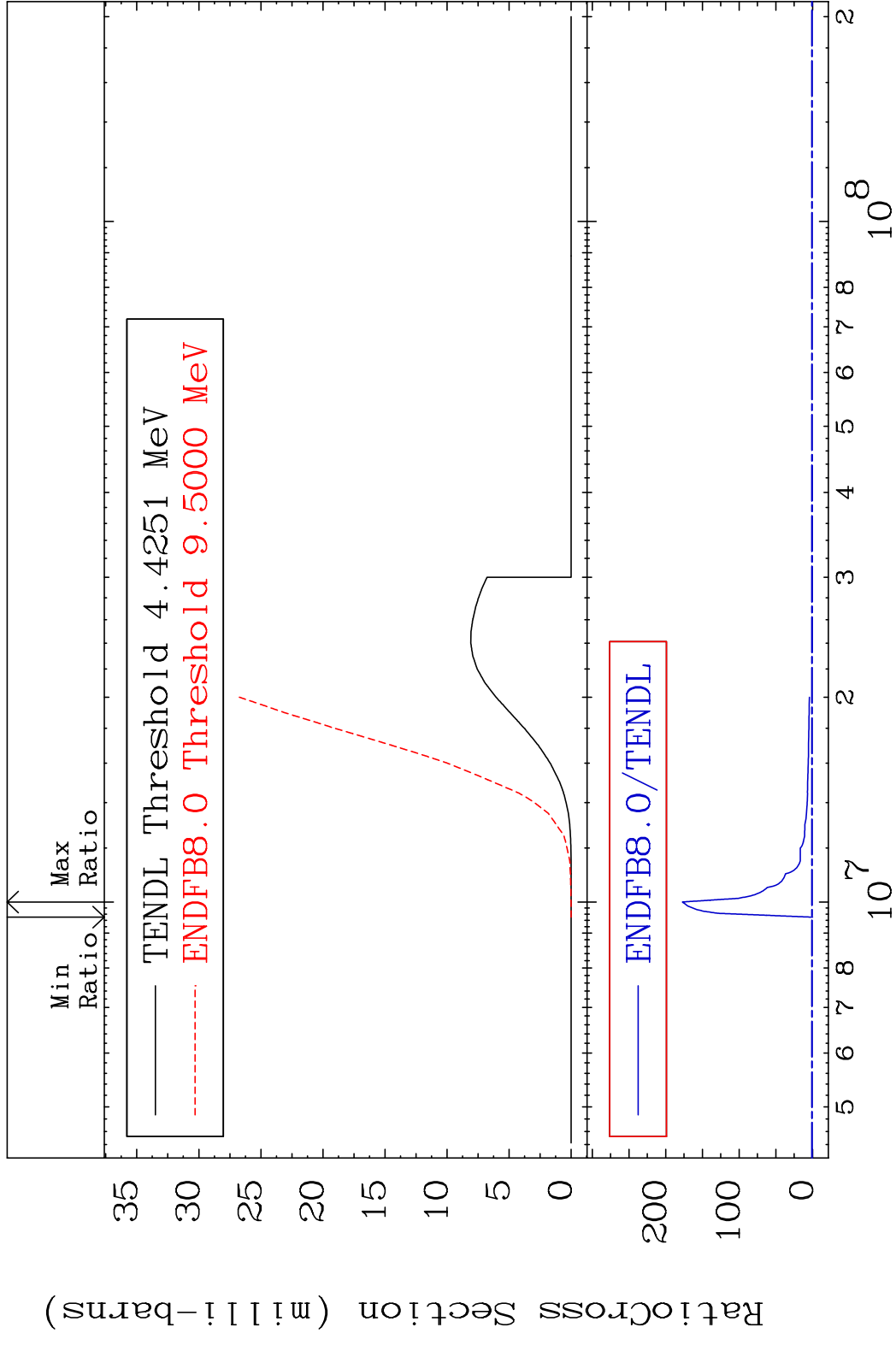


21

Incident Energy (eV)

63-Eu-151

MAT 6325 (n, t) 63-Eu-151
 Cross Section -100.0 To 9999. %

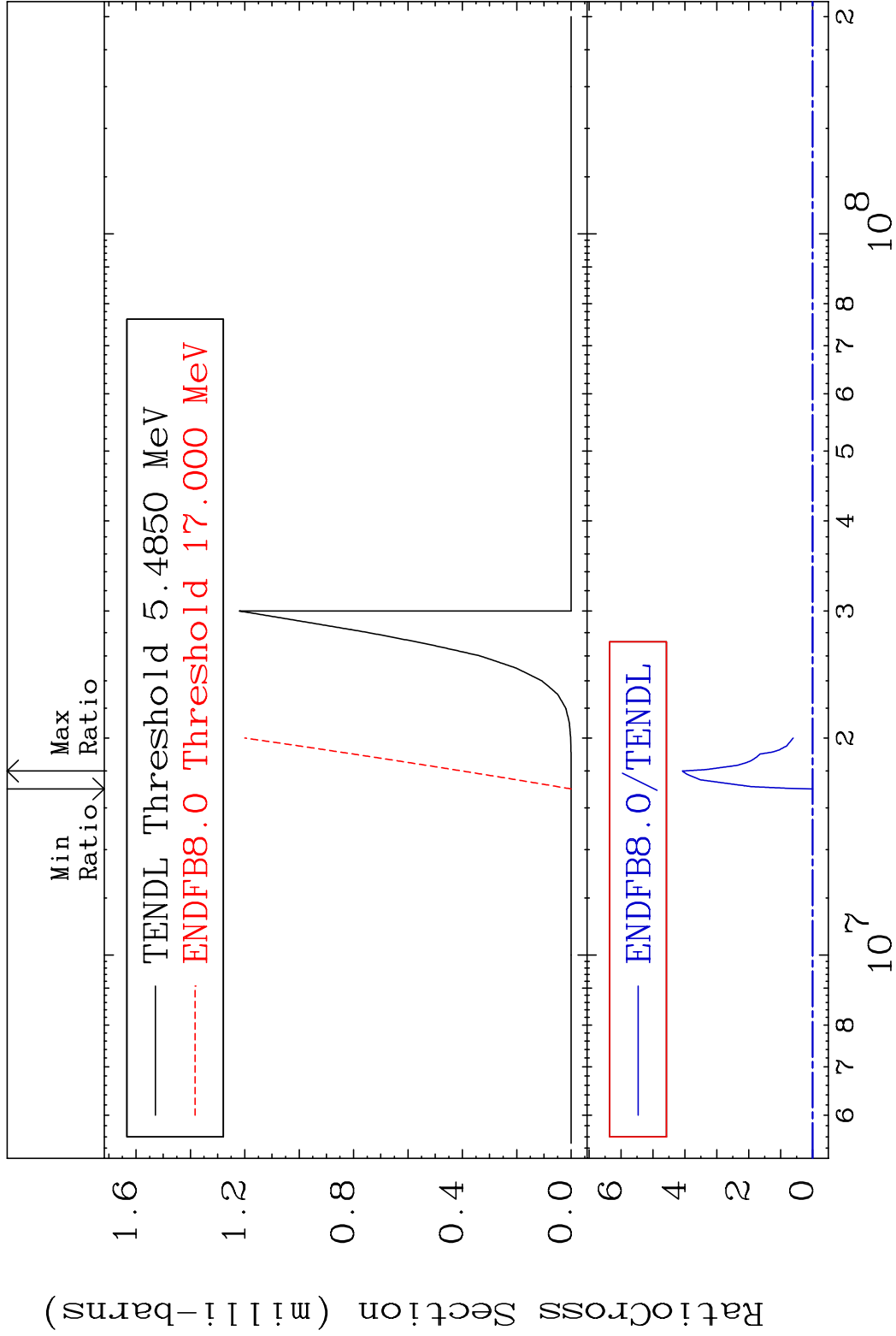


MAT 6325

(n, He-3)

63-Eu-151

Cross Section -100.0 To 9999. %

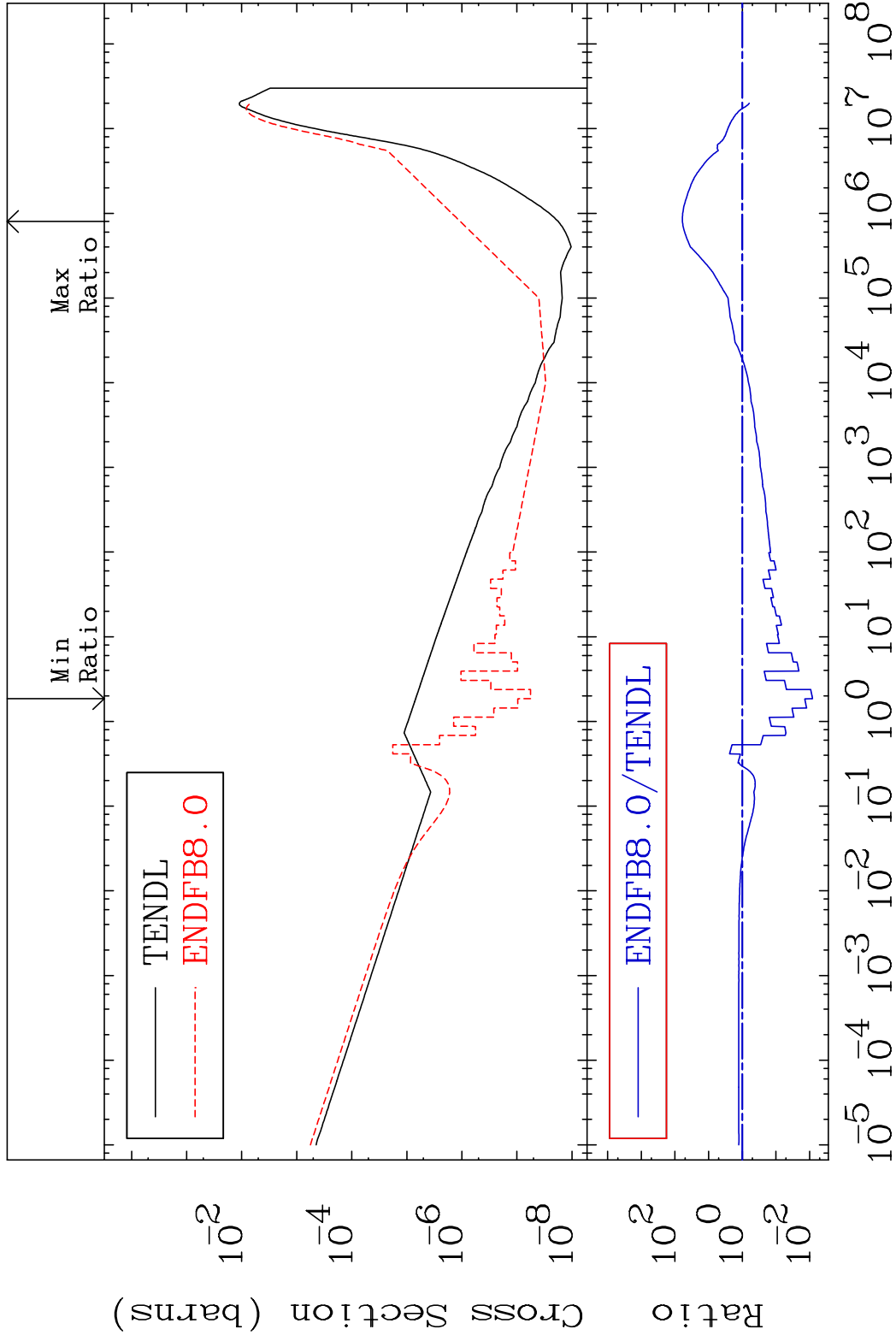


MAT 6325

(n, α)

63-Eu-151

Cross Section -99.19 To 5925. %



24

Incident Energy (eV)

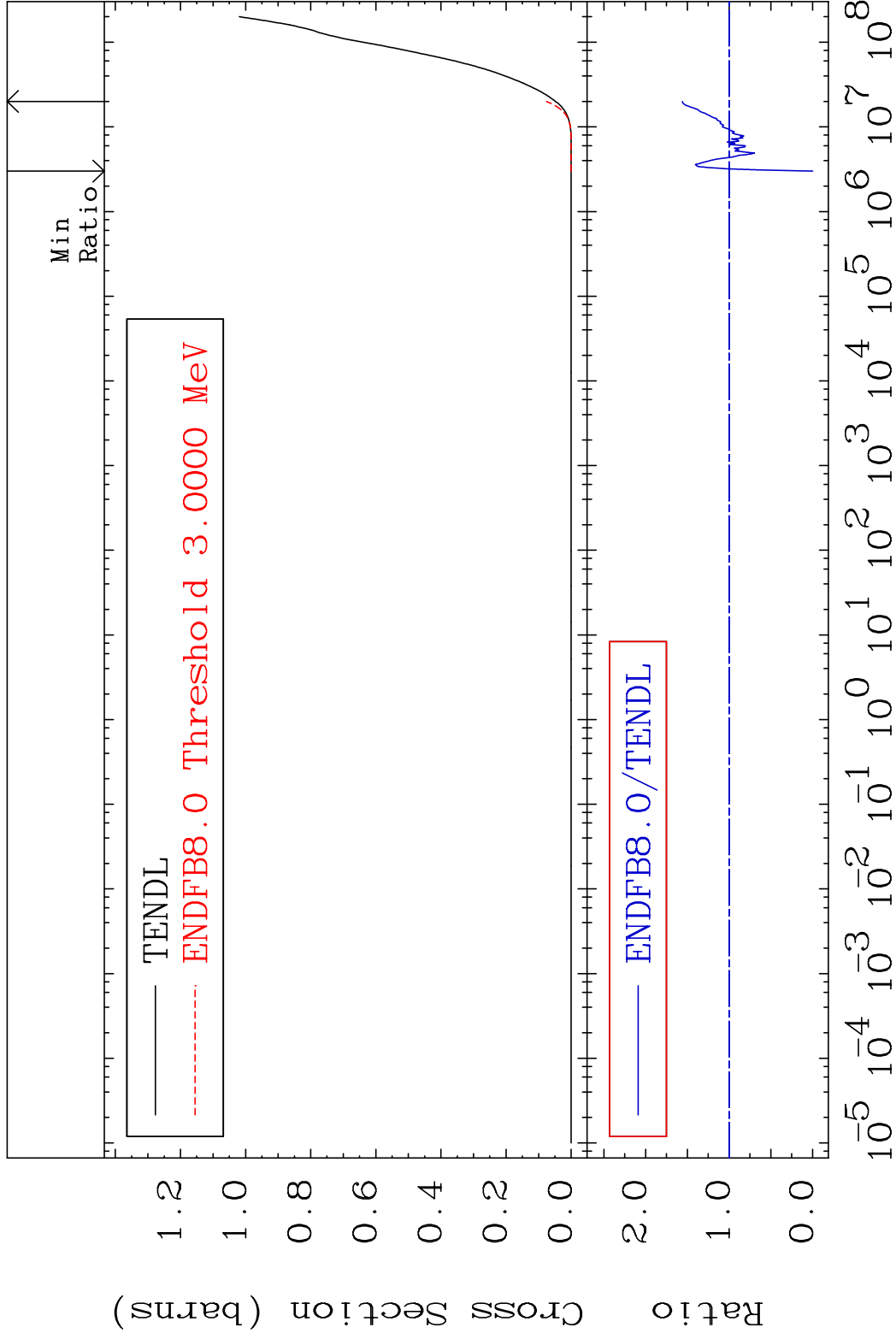
63-Eu-151

MAT 6325

Hydrogen Production

63-Eu-151

Cross Section -100.0 To 55.97 %

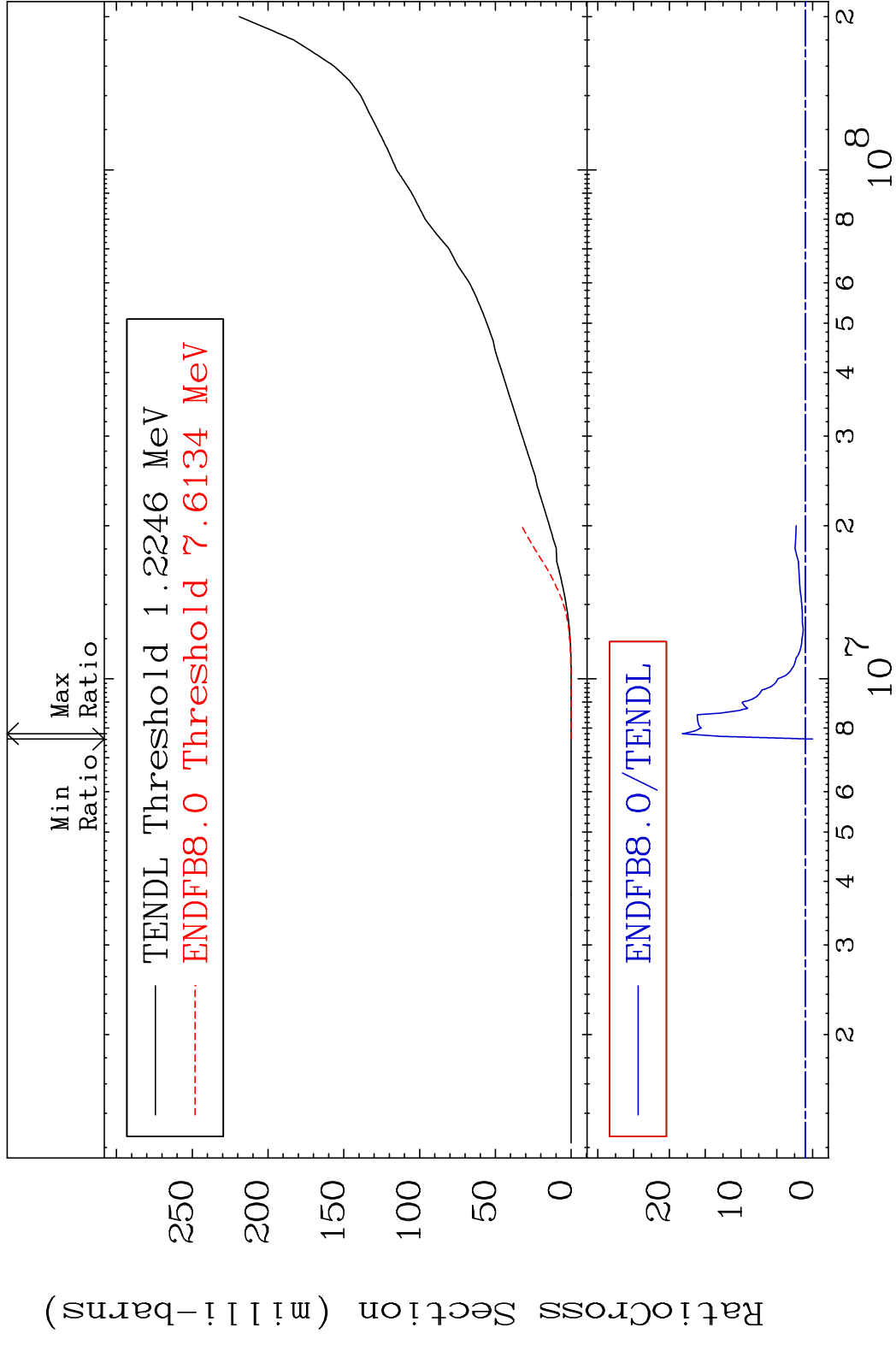


25

Incident Energy (eV)

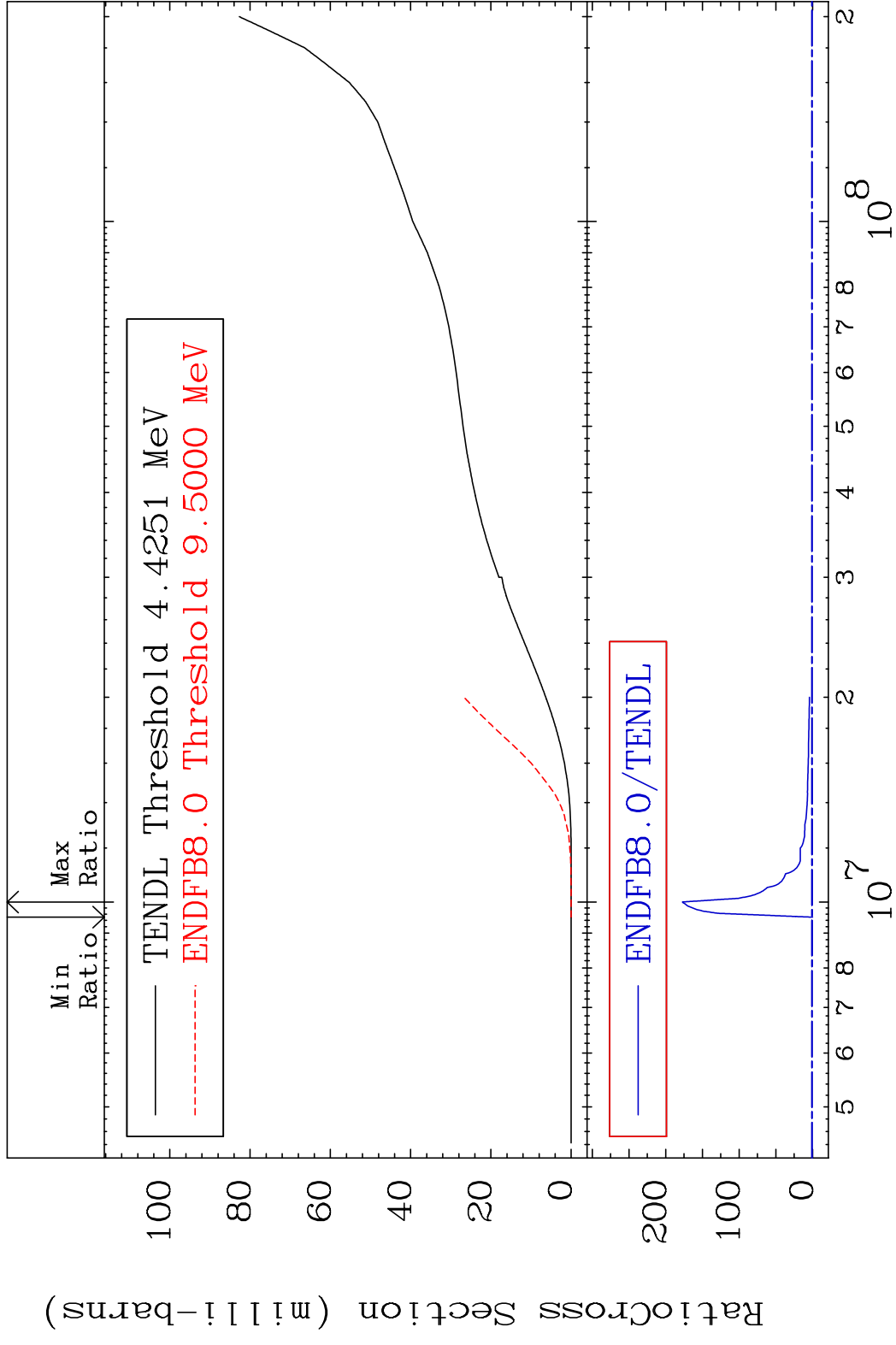
63-Eu-151

MAT 6325 Deuterium Production 63-Eu-151
 Cross Section -100.0 To 1718. %



MAT 6325

Tritium Production 63-Eu-151
Cross Section -100.0 To 9999. %

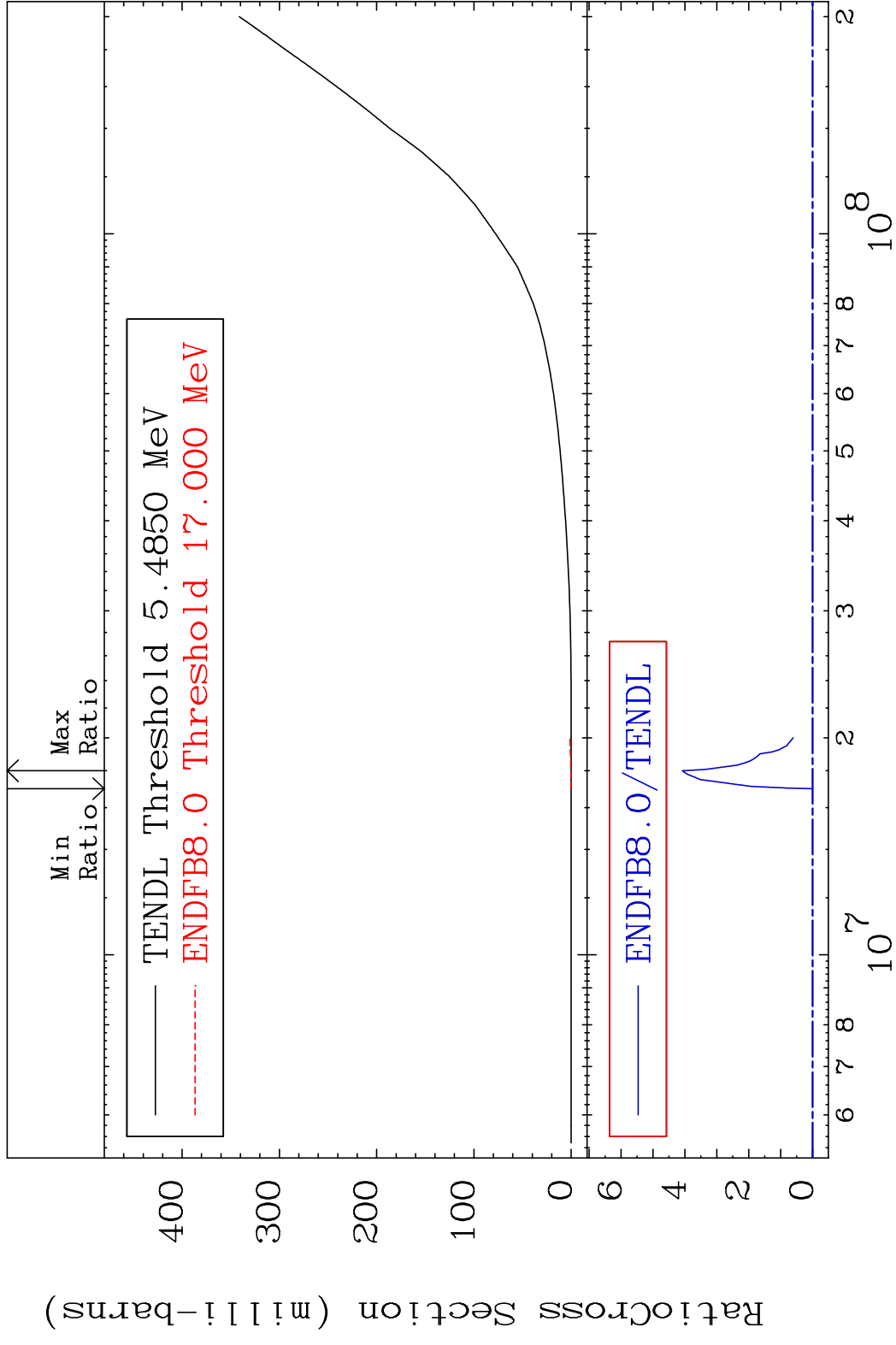


MAT 6325

He-3 Production

63-Eu-151

Cross Section -100.0 To 9999. %

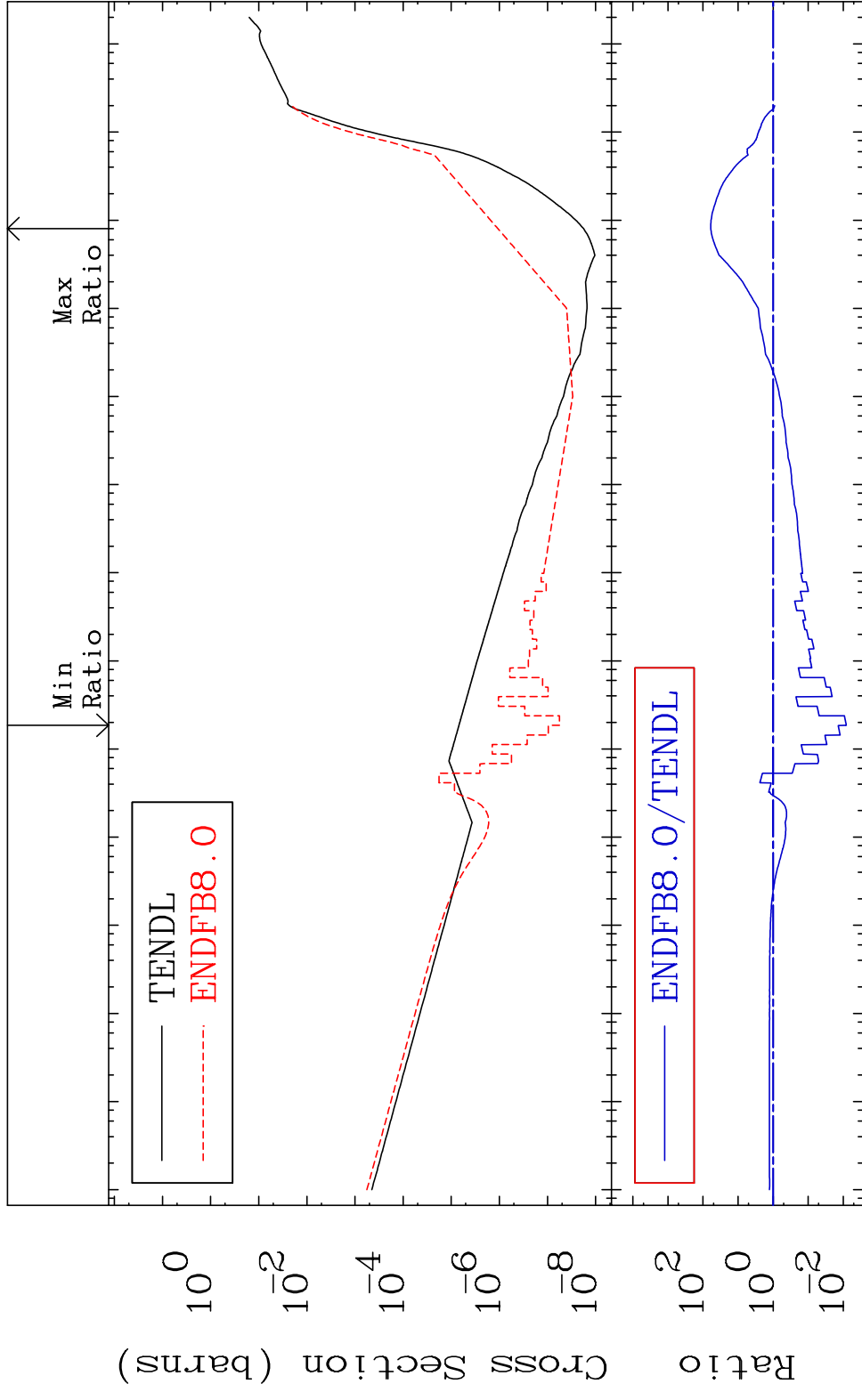


MAT 6325

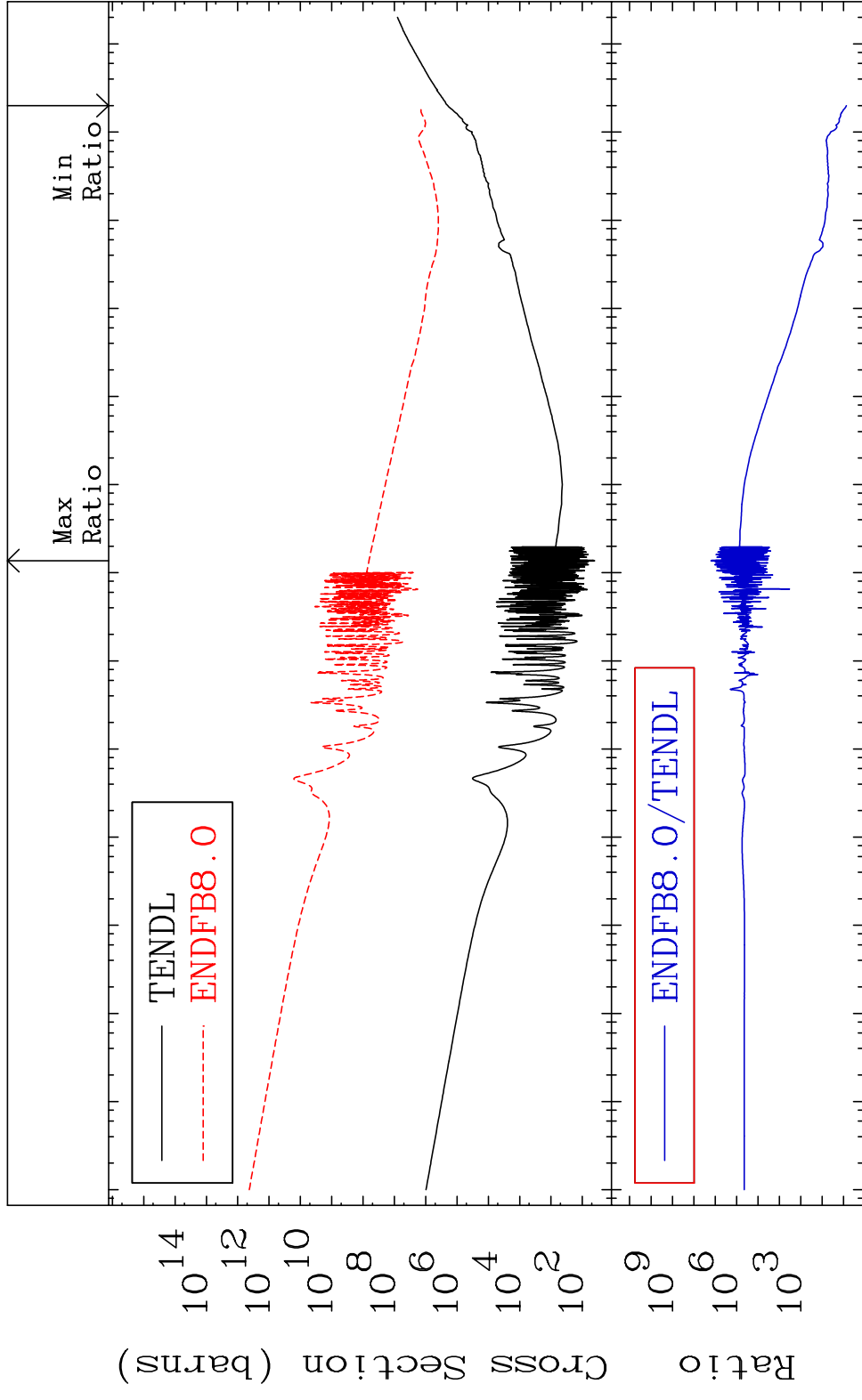
He-4 Production

63-Eu-151

Cross Section -99.19 To 5925. %



MAT 6325 Kerma total (eV-barns) 63-Eu-151
 Cross Section 648.5 To 9999. %

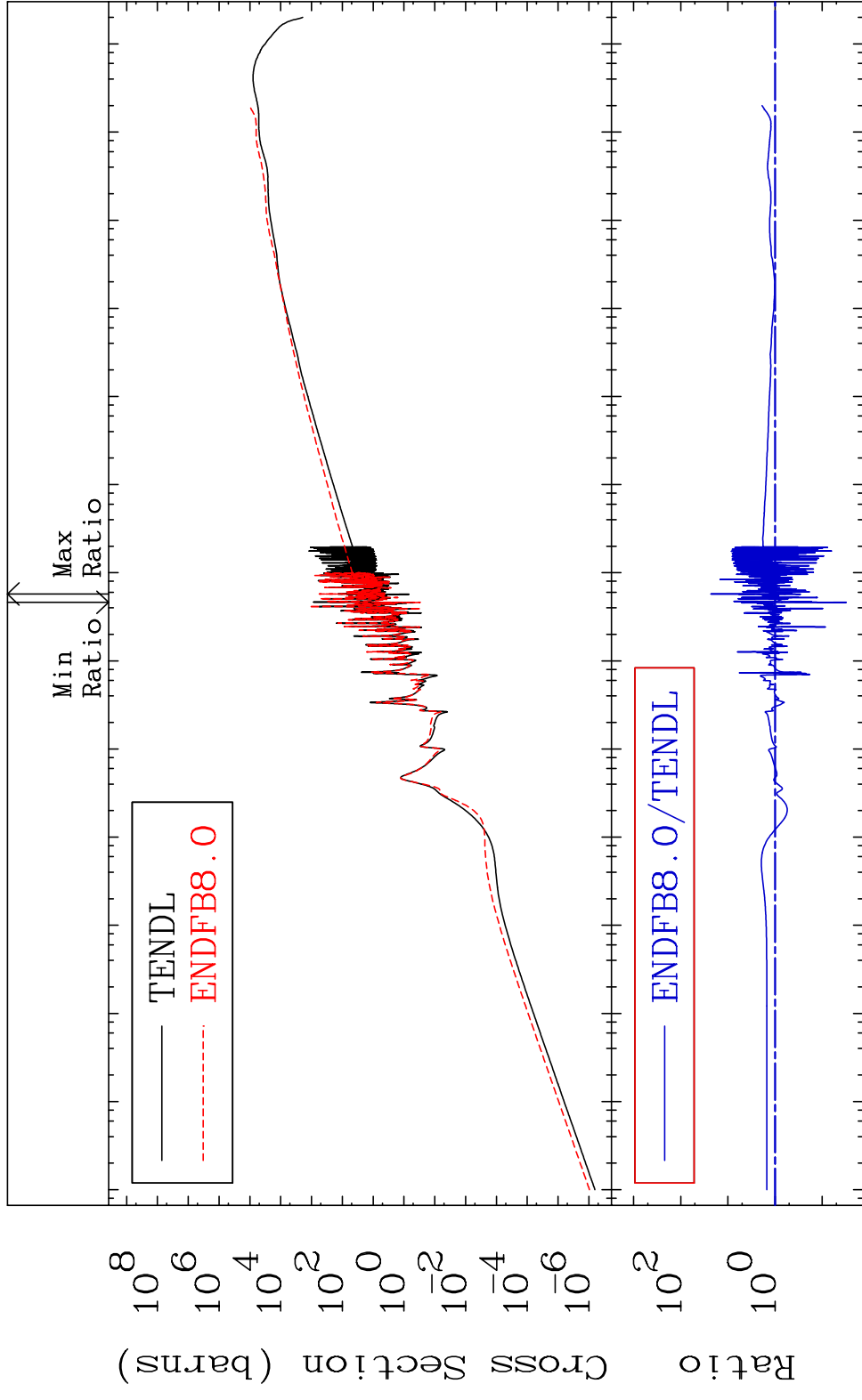


30 Incident Energy (eV) 63-Eu-151

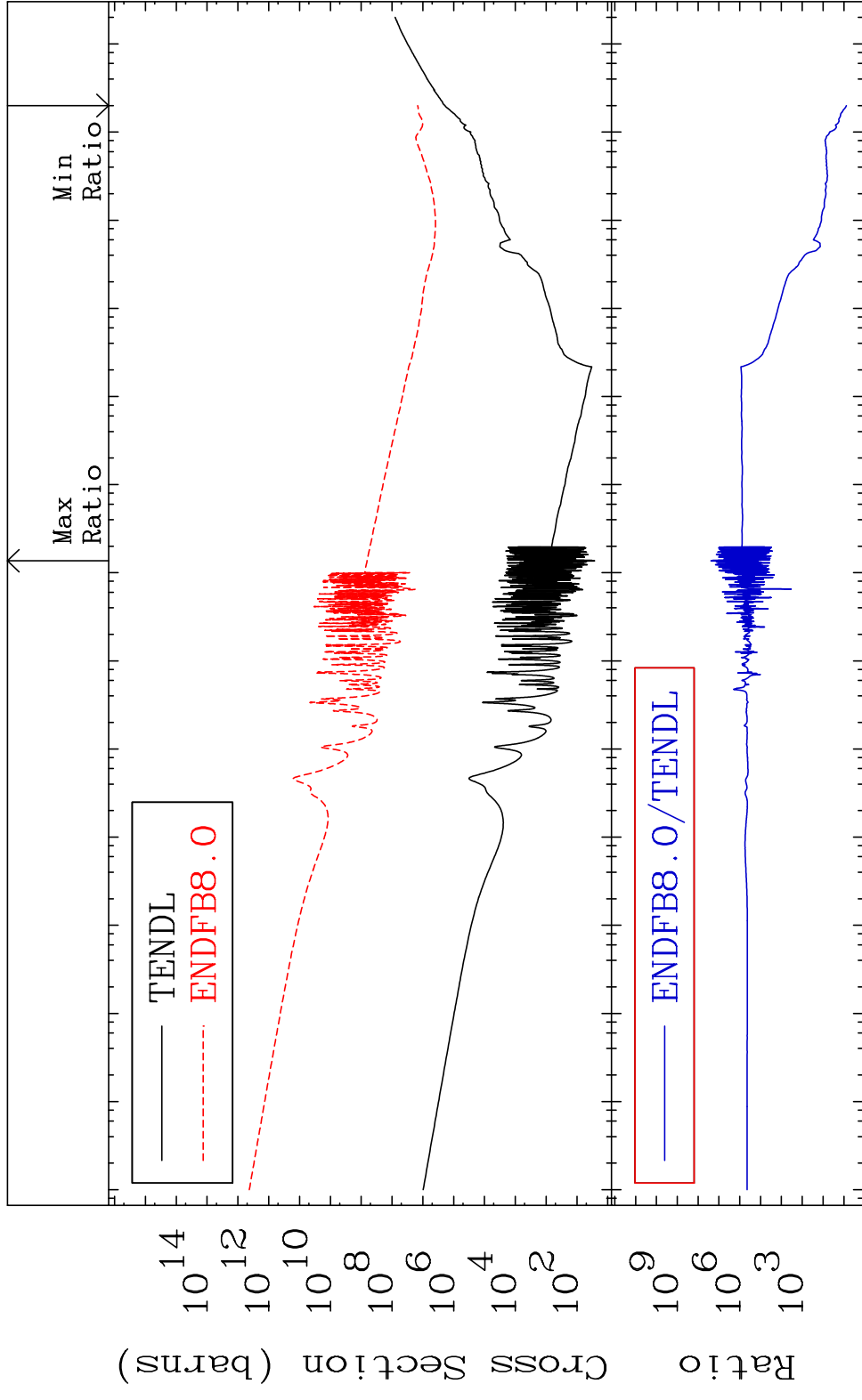
MAT 6325

Kerma elastic Cross Section -96.92 To 2215. %

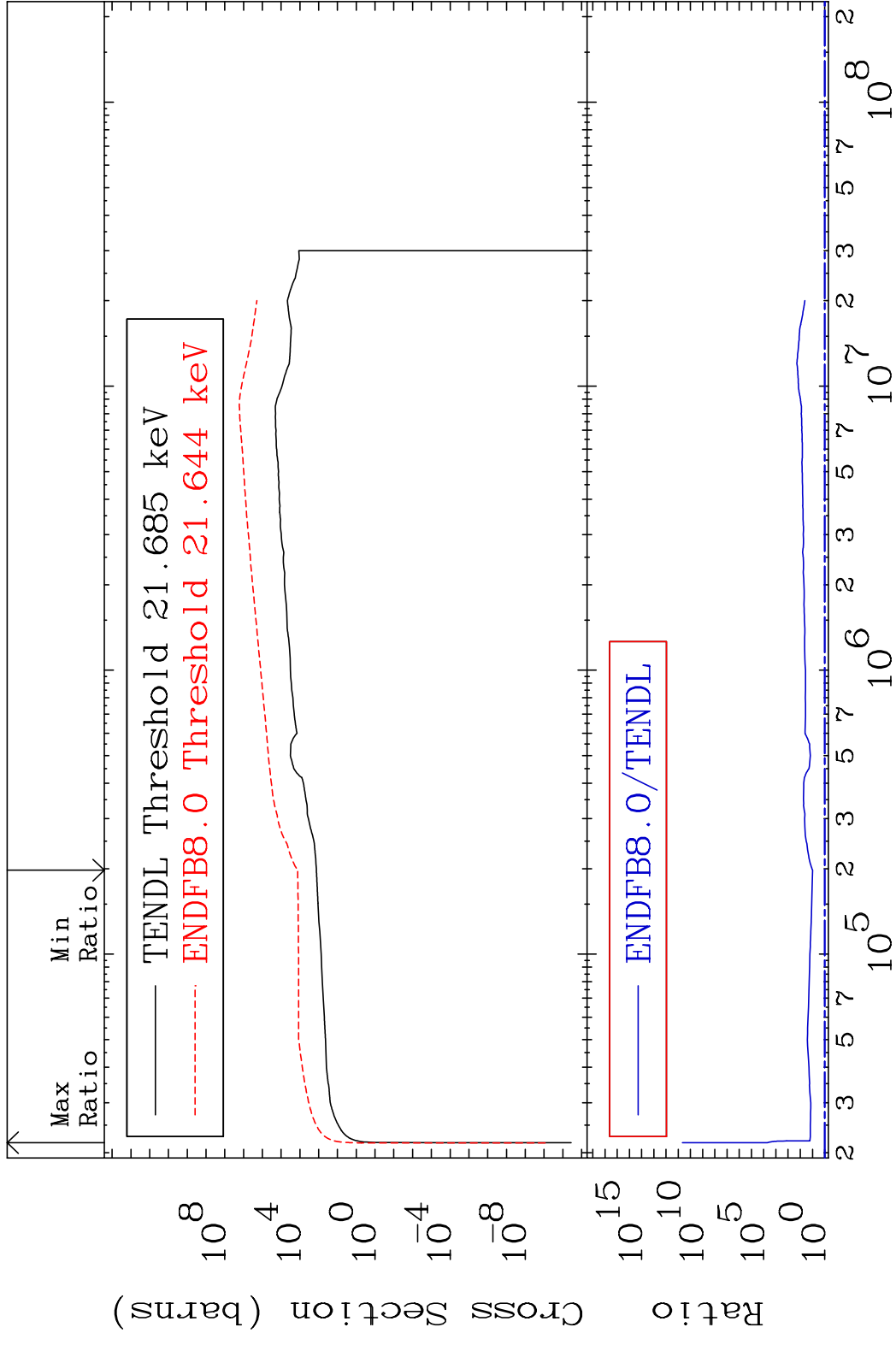
63-Eu-151



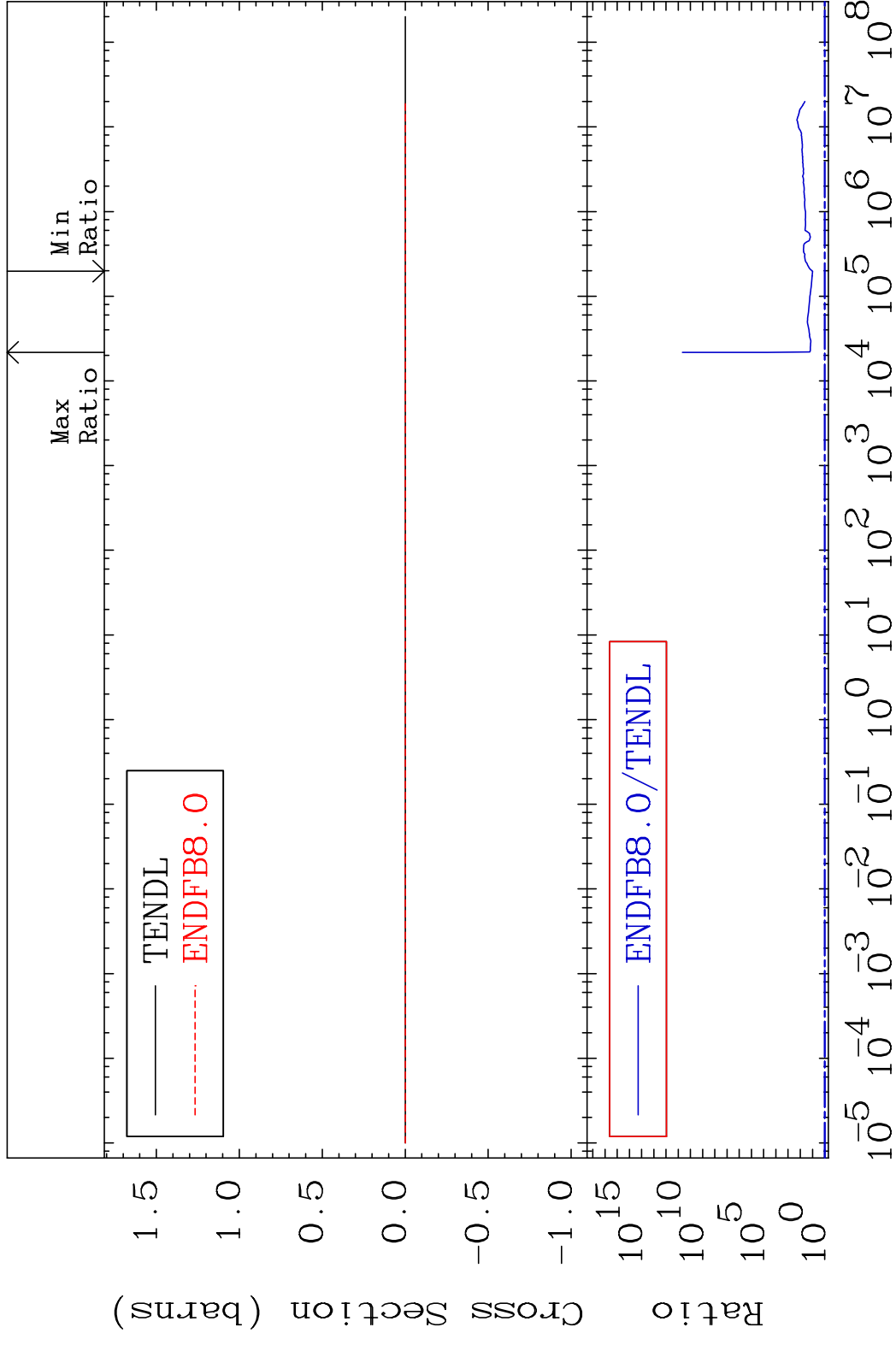
MAT 6325 Kerma non-elastic (all but mt2) 63-Eu-151
 Cross Section 664.7 To 9999. %

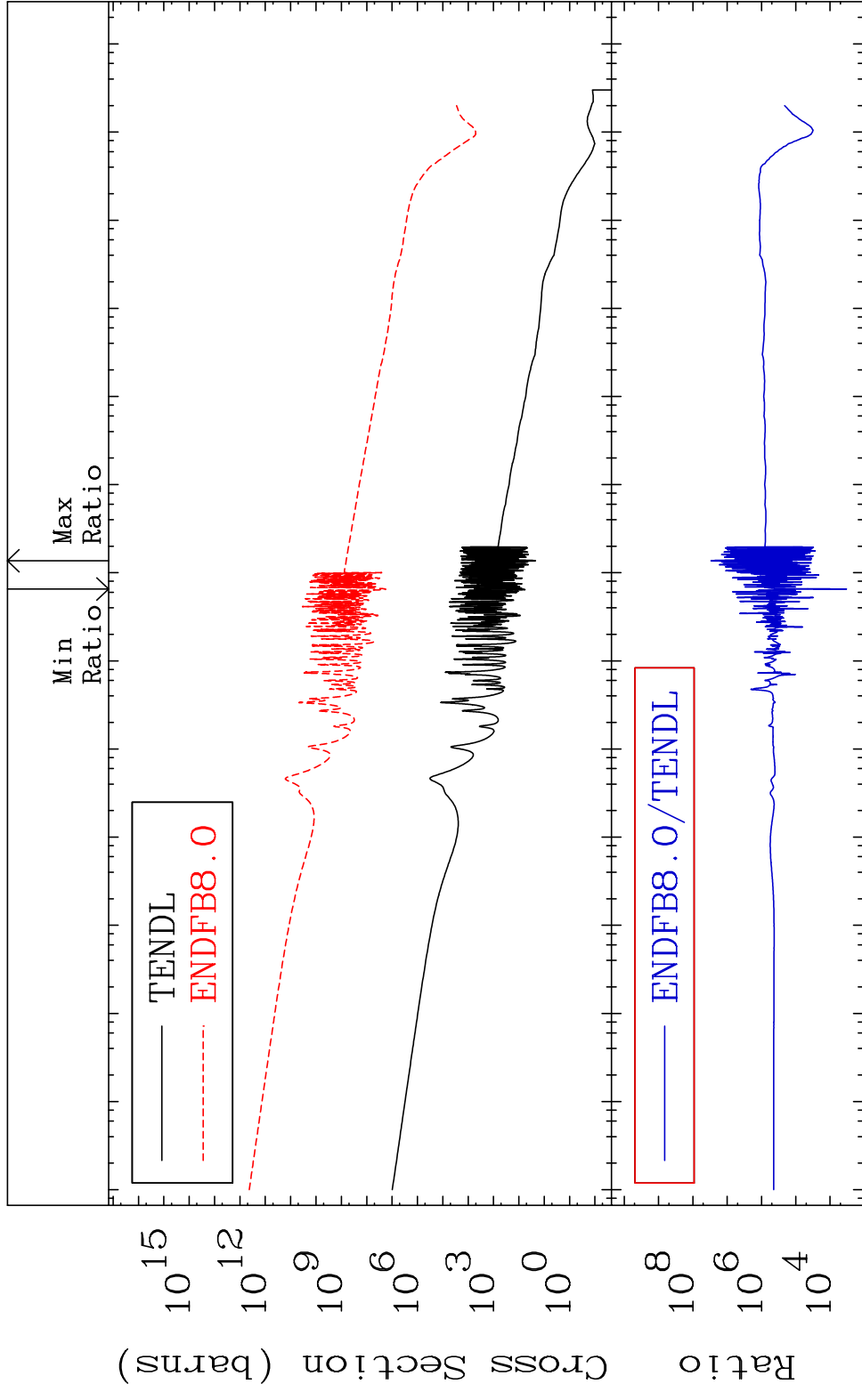


MAT 6325 Kerma inelastic (mt51-91) 63-Eu-151
 Cross Section 888.3 To 9999. %



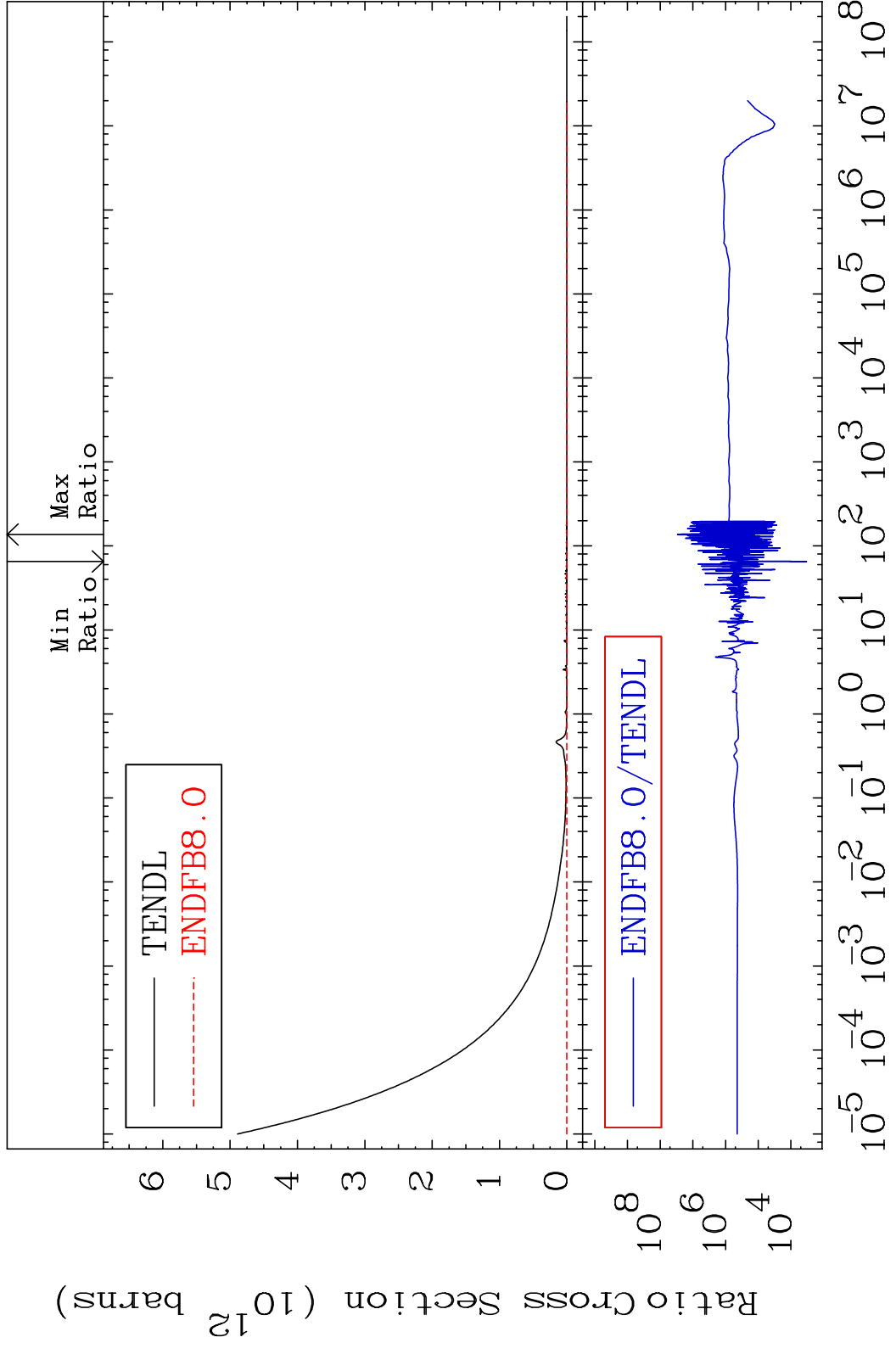
MAT 6325 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-151
 Cross Section 888.3 To 9999. %





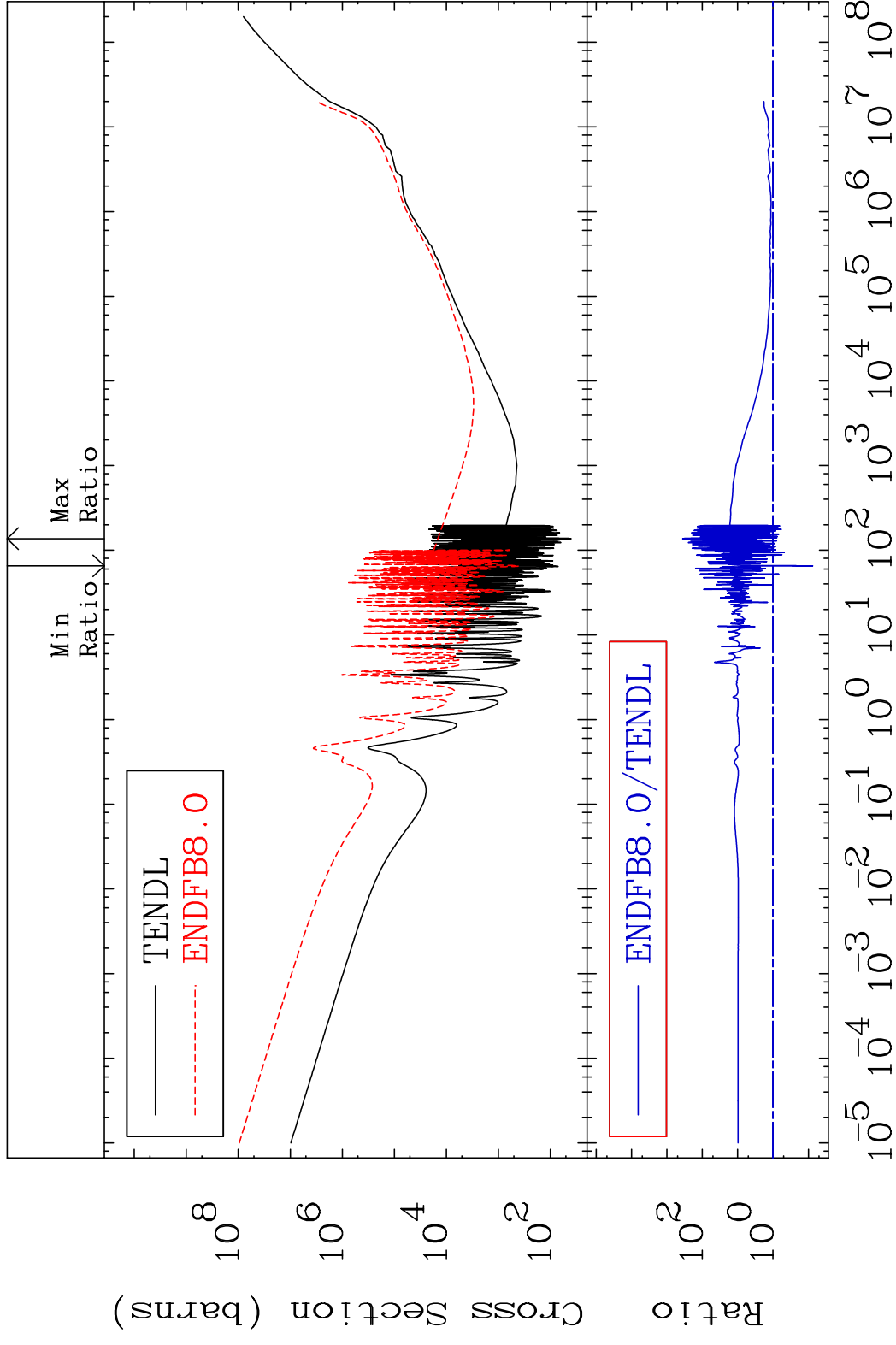
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

MAT 6325 Total photon (eV-barns) 63-Eu-151
 Cross Section 9999. To 9999. %

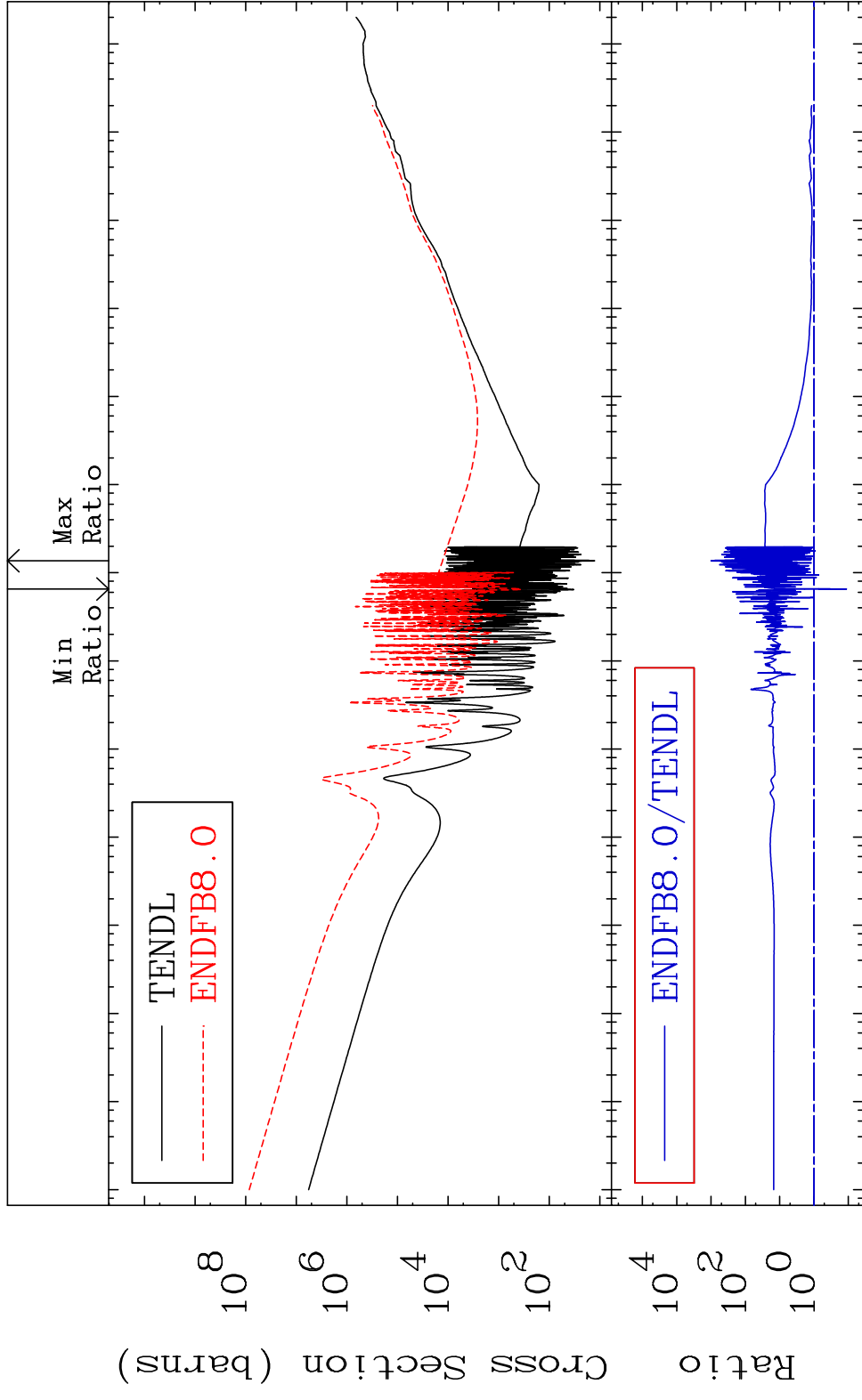


36 Incident Energy (eV) 63-Eu-151

MAT 6325 Total kinematic kerma (high limit) 63-Eu-151
 Cross Section -92.38 To 9999. %



MAT 6325 Dpa total (eV-barns) 63-Eu-151
 Cross Section -88.57 To 9999. %

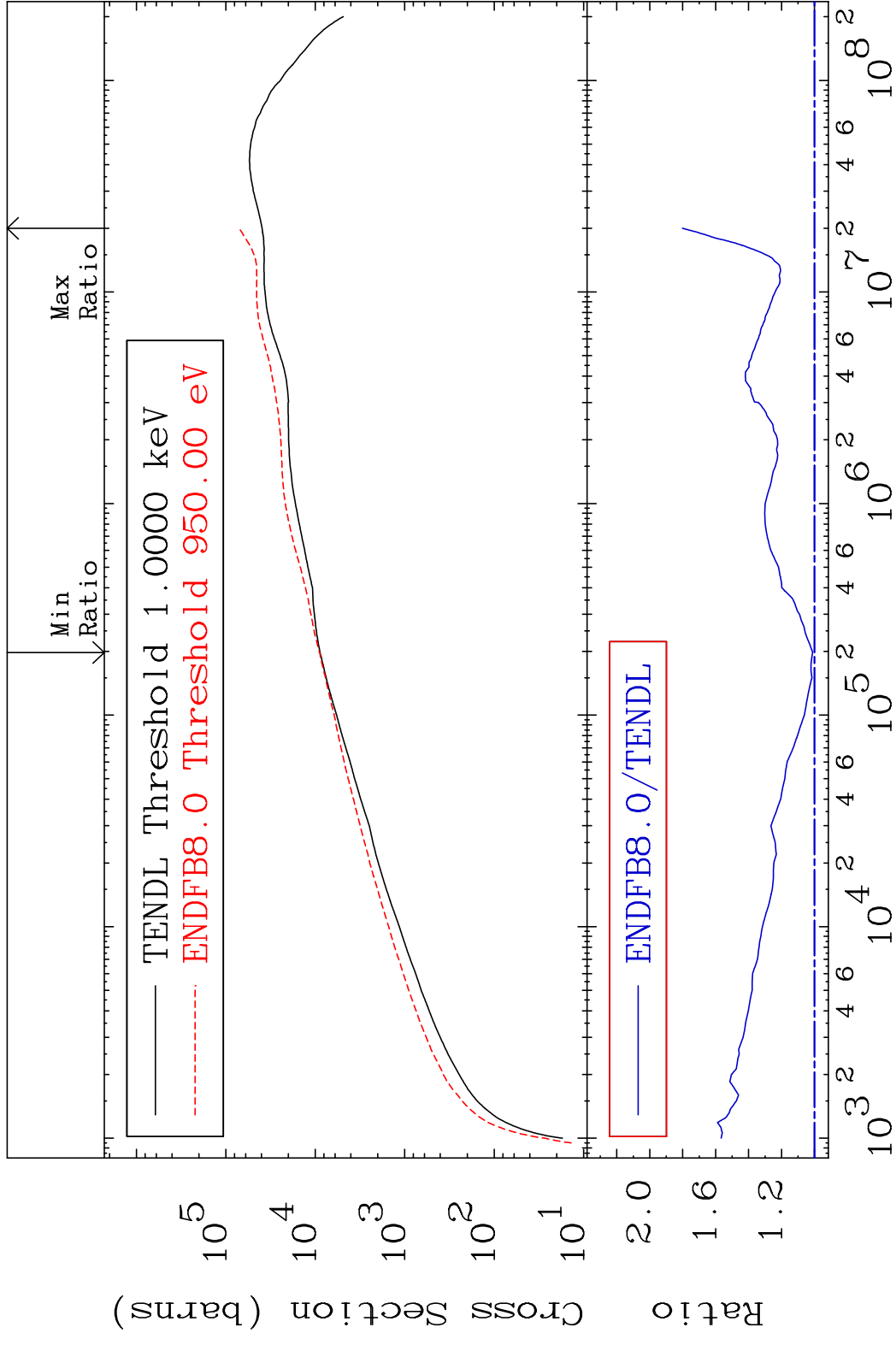


MAT 6325

Dpa elastic (mt2)

63-Eu-151

Cross Section 1.187 To 80.20 %

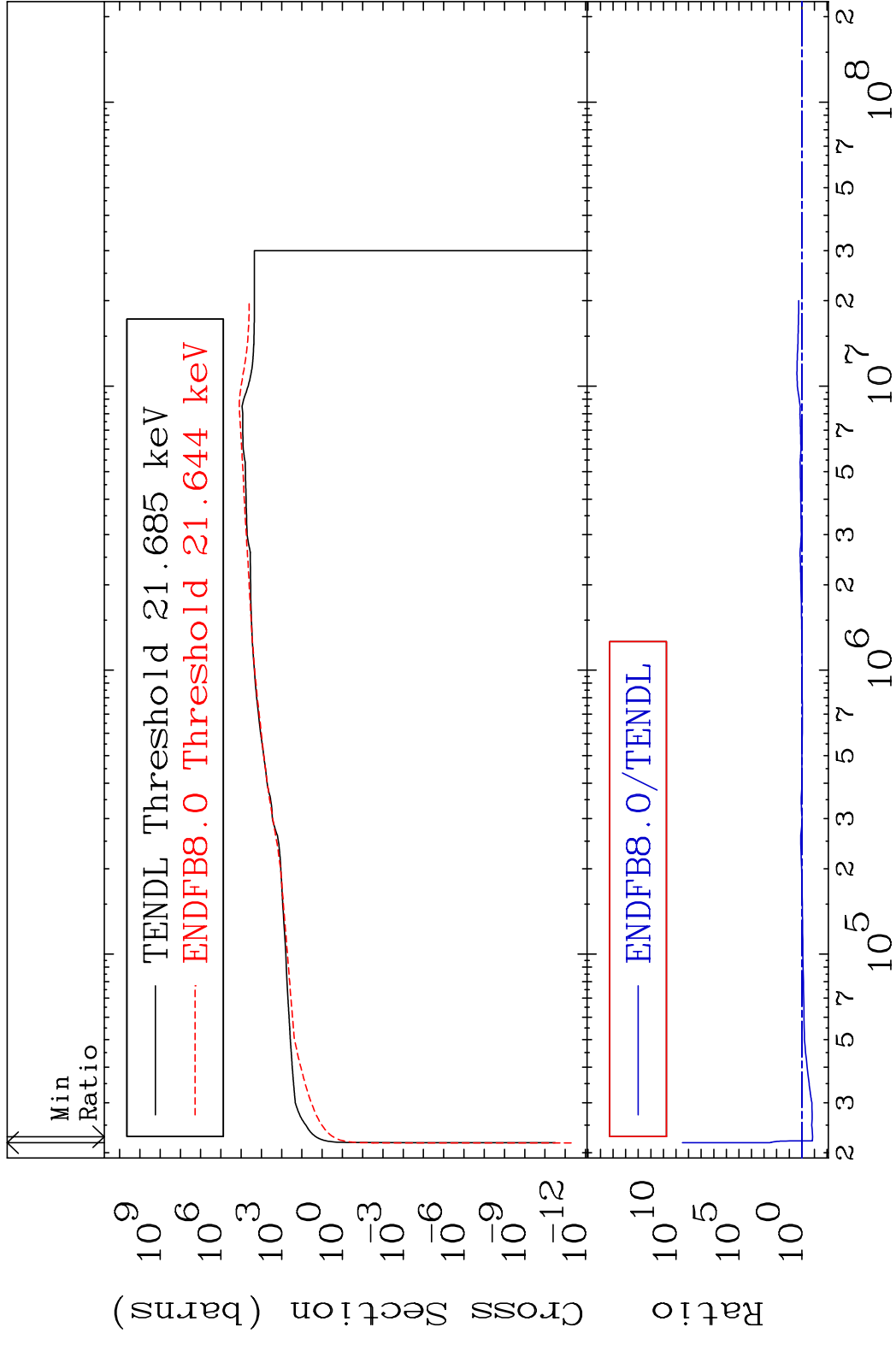


39

Incident Energy (eV)

63-Eu-151

MAT 6325 Dpa inelastic (mt51-91) 63-Eu-151
 Cross Section -85.90 To 9999. %



MAT 6325 Dpa disappearance (mt102 -120) 63-Eu-151
 Cross Section -88.57 To 9999. %

