

Program Complot
(Version 2021-1)

by

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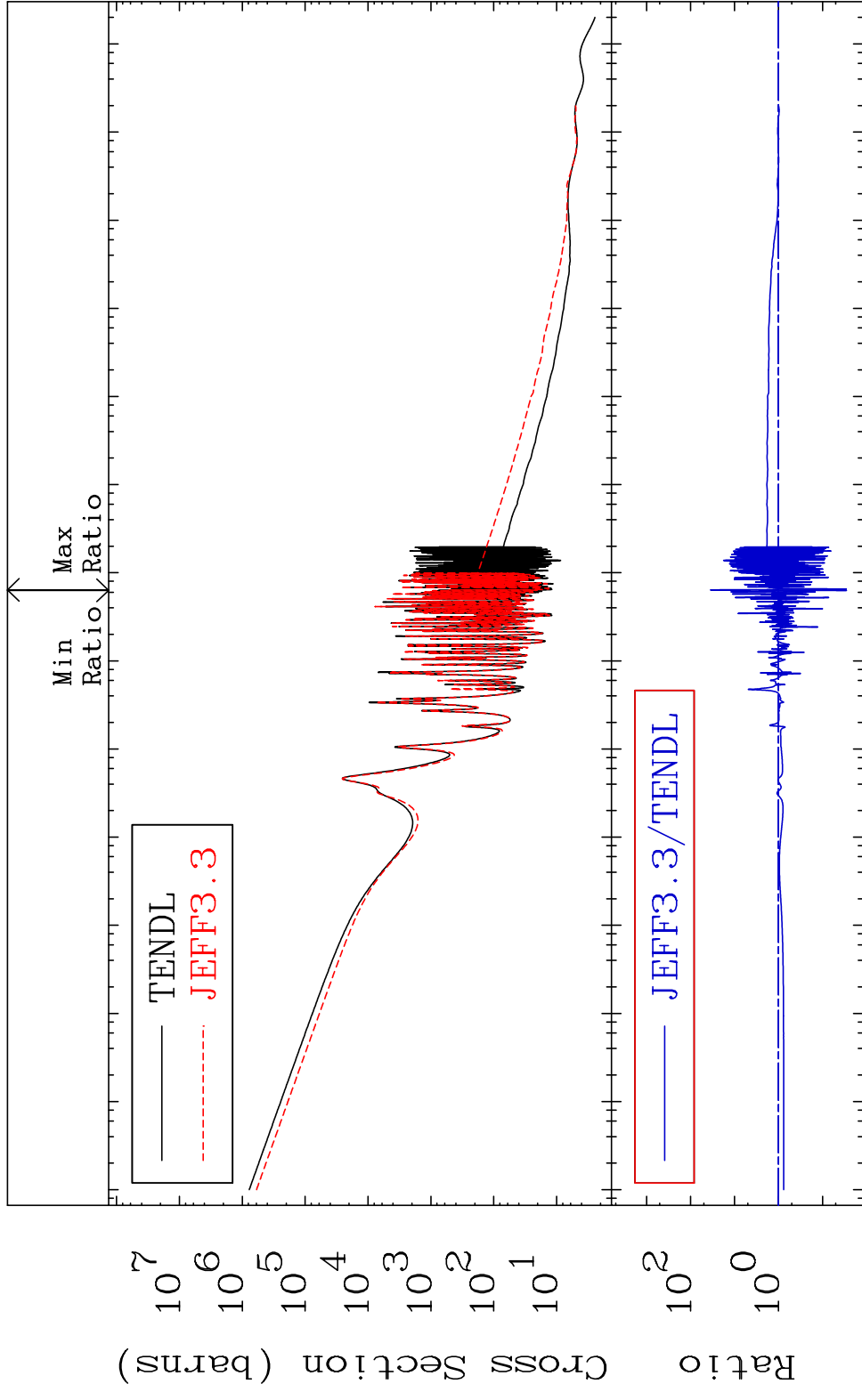
Tele: 925-443-1911

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

Press Mouse Button to Start

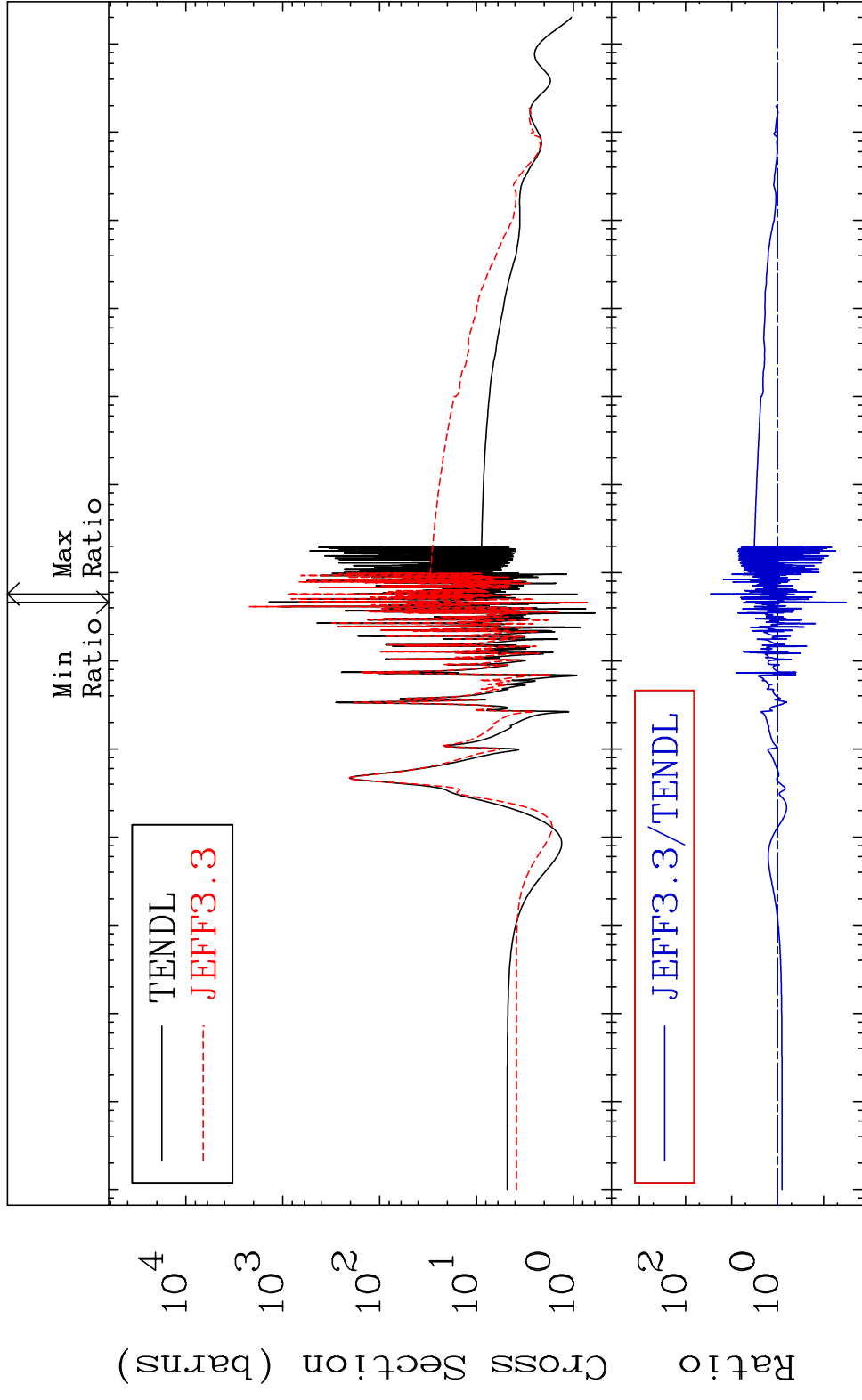
MAT 6325

Total Cross Section -97.12 To 3379. %
63-Eu-151



MAT 6325

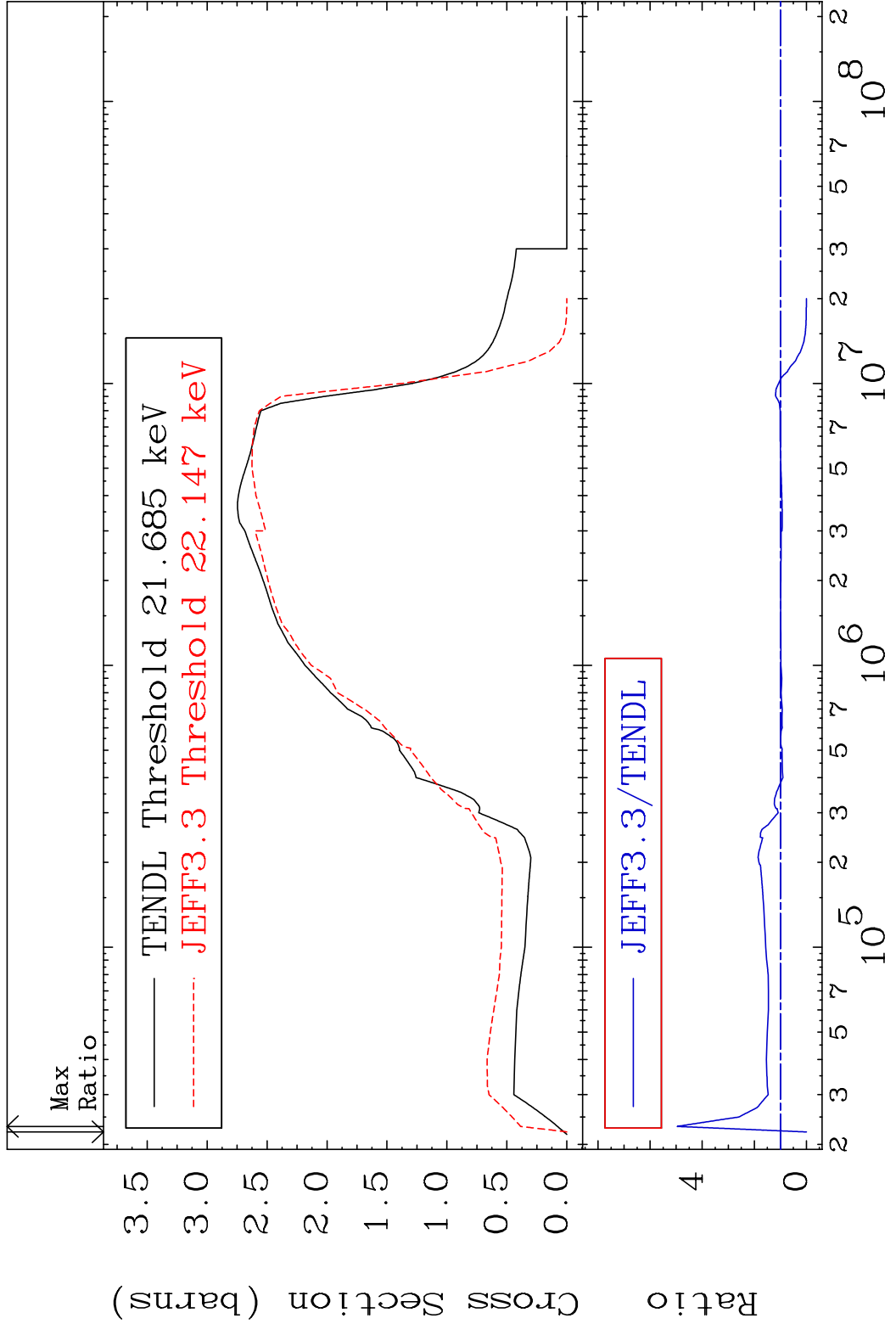
Elastic Cross Section -96.80 To 2735. %
63-Eu-151



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸
Incident Energy (eV)

2 63-Eu-151

MAT 6325 Inelastic 63-Eu-151
 Cross Section -100.0 To 396.1 %



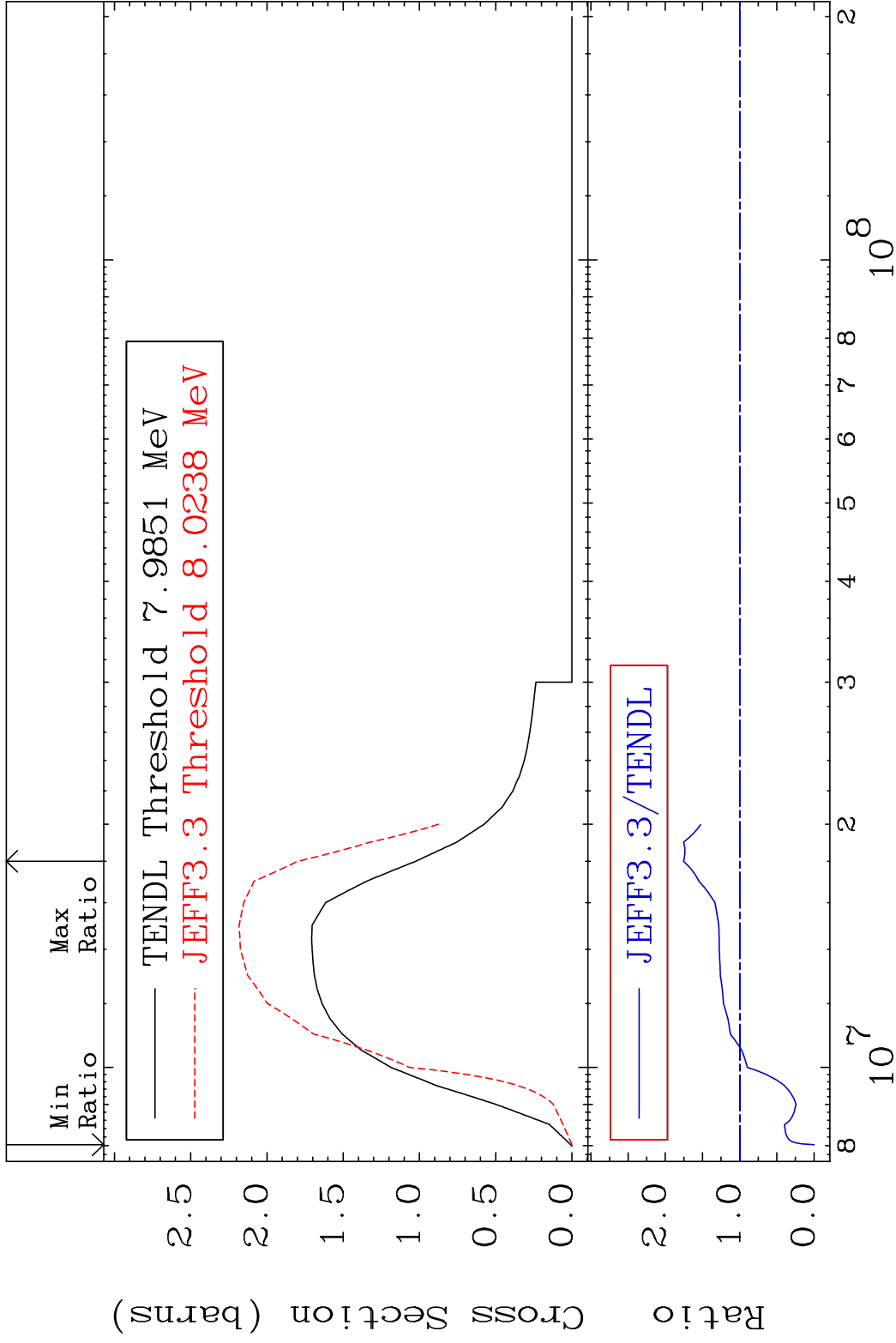
3 Incident Energy (eV) 63-Eu-151

MAT 6325

(n,2n)

63-Eu-151

Cross Section -100.0 To 75.59 %



4

Incident Energy (eV)

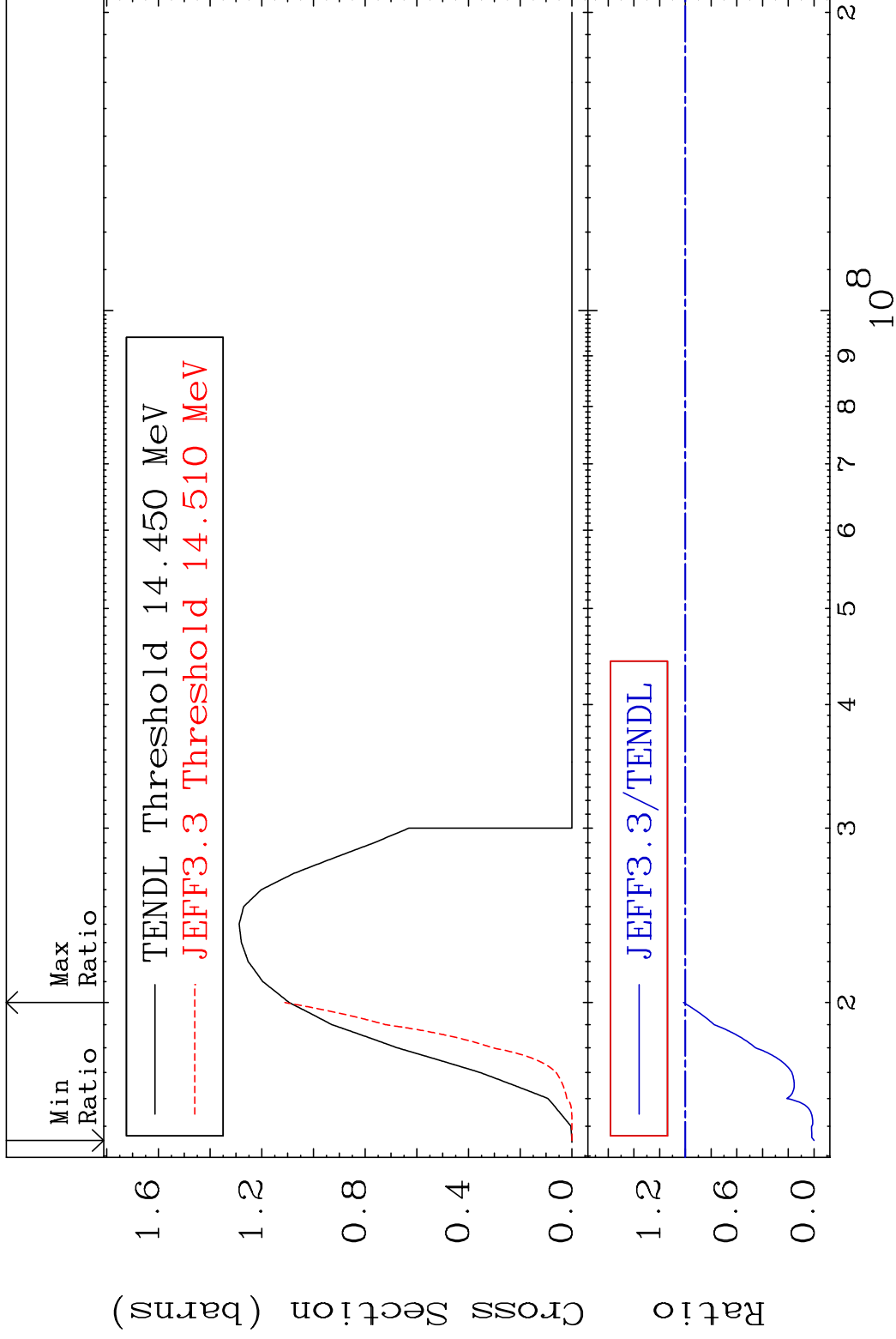
63-Eu-151

MAT 6325

(n,3n)

63-Eu-151

Cross Section -100.0 To 1.523 %



5

Incident Energy (eV)

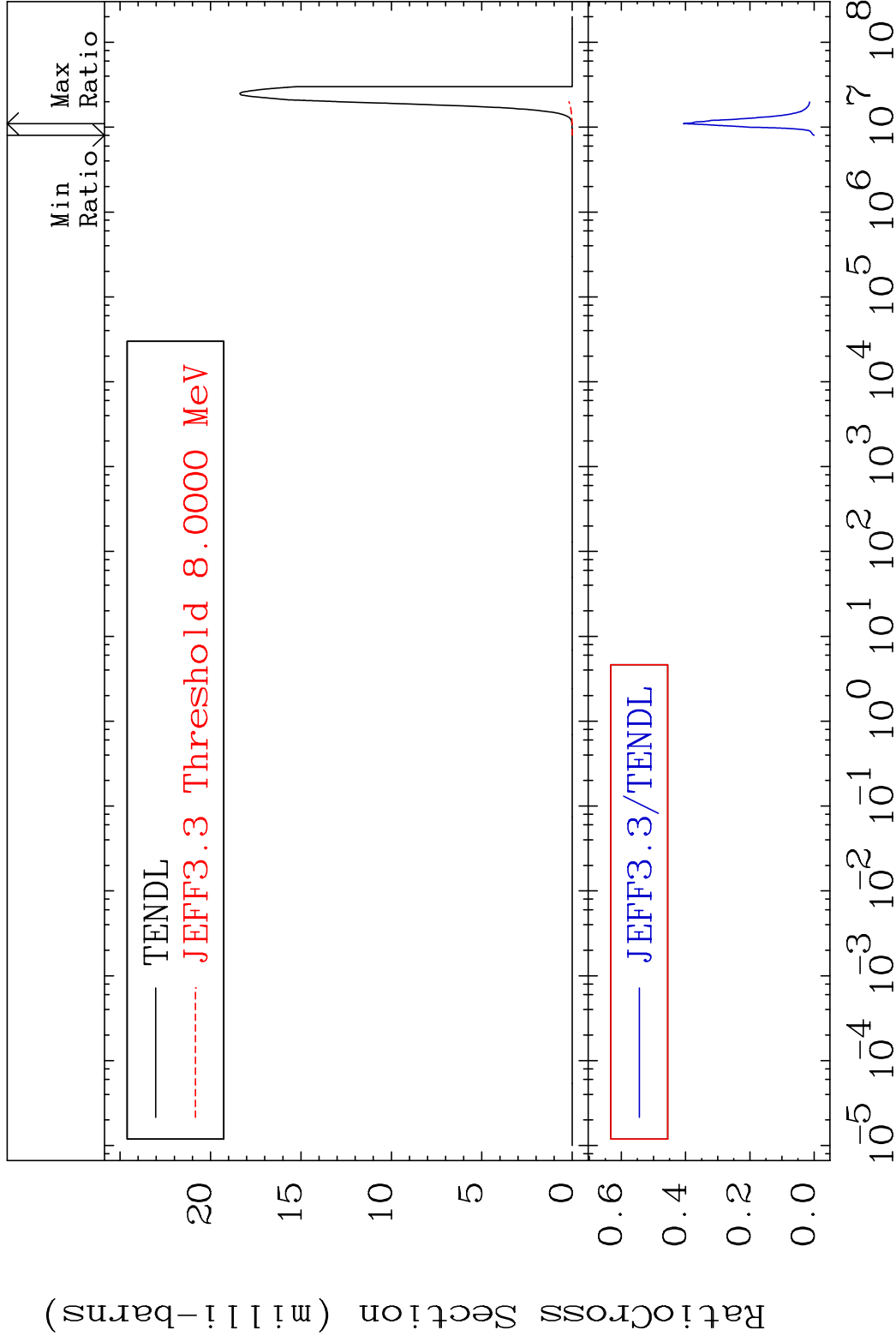
63-Eu-151

MAT 6325

(n, n') α

63-Eu-151

Cross Section -100.0 To -59.39%



6

Incident Energy (eV)

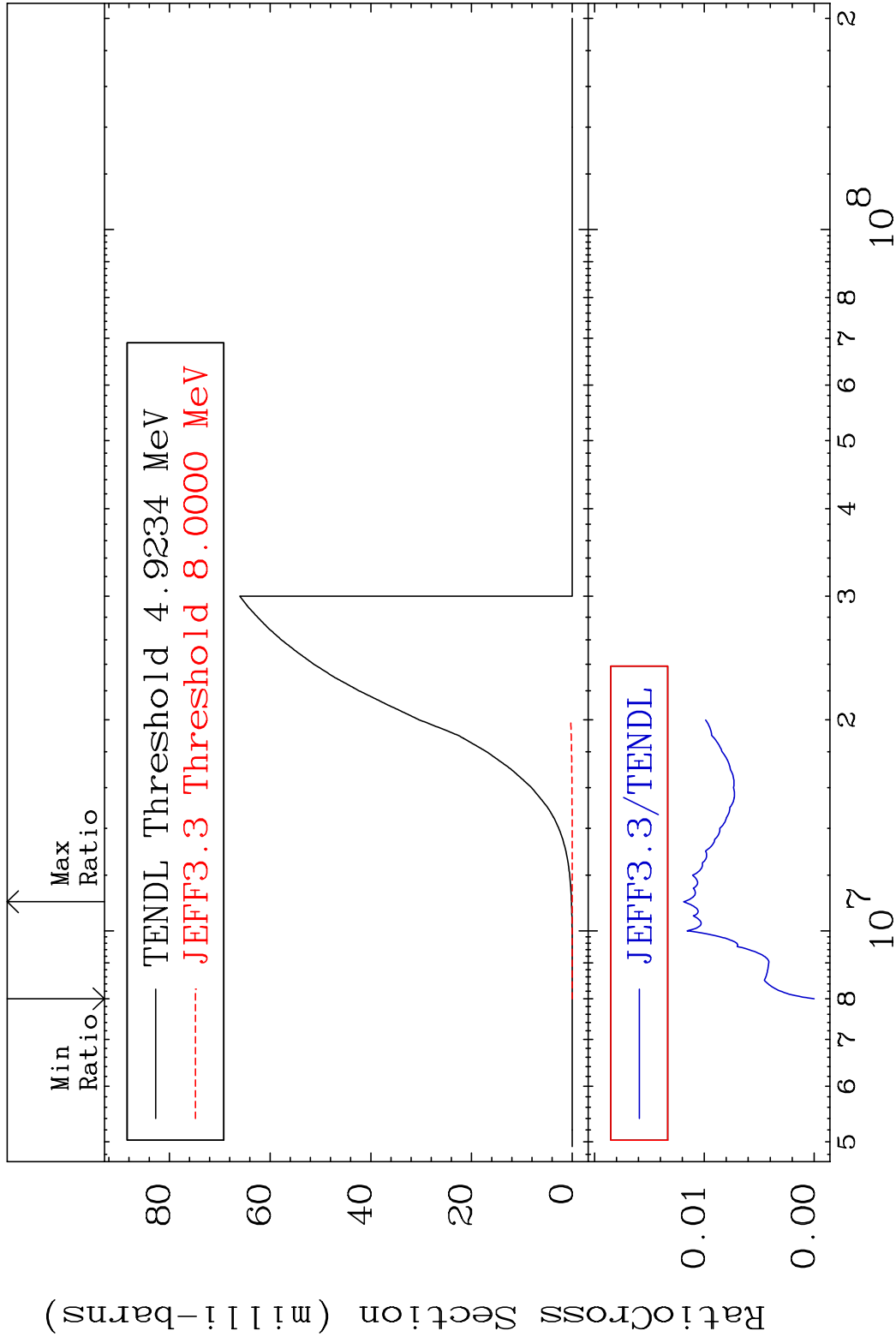
63-Eu-151

MAT 6325

(n, n') p

63-Eu-151

Cross Section -100.0 To -98.81%

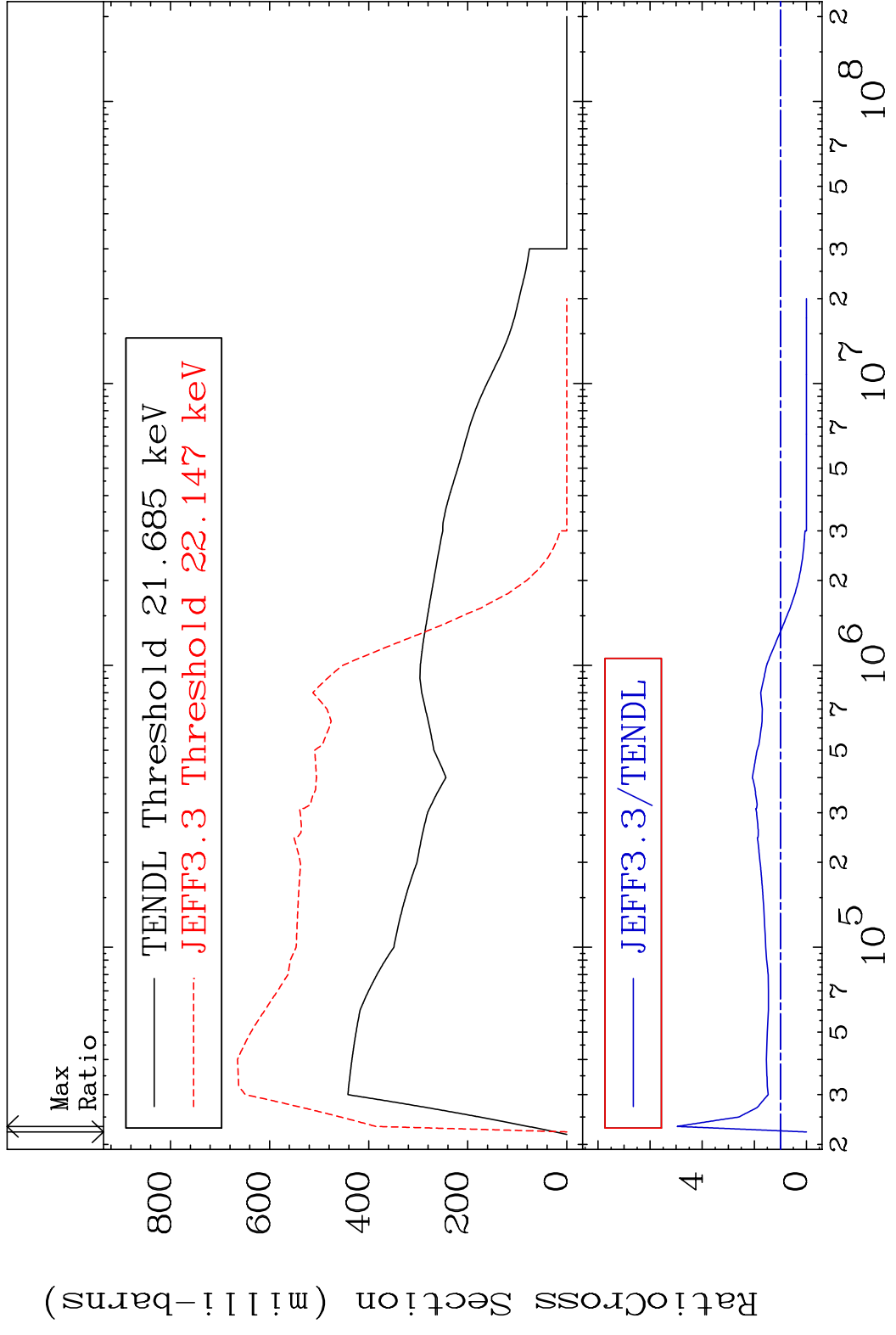


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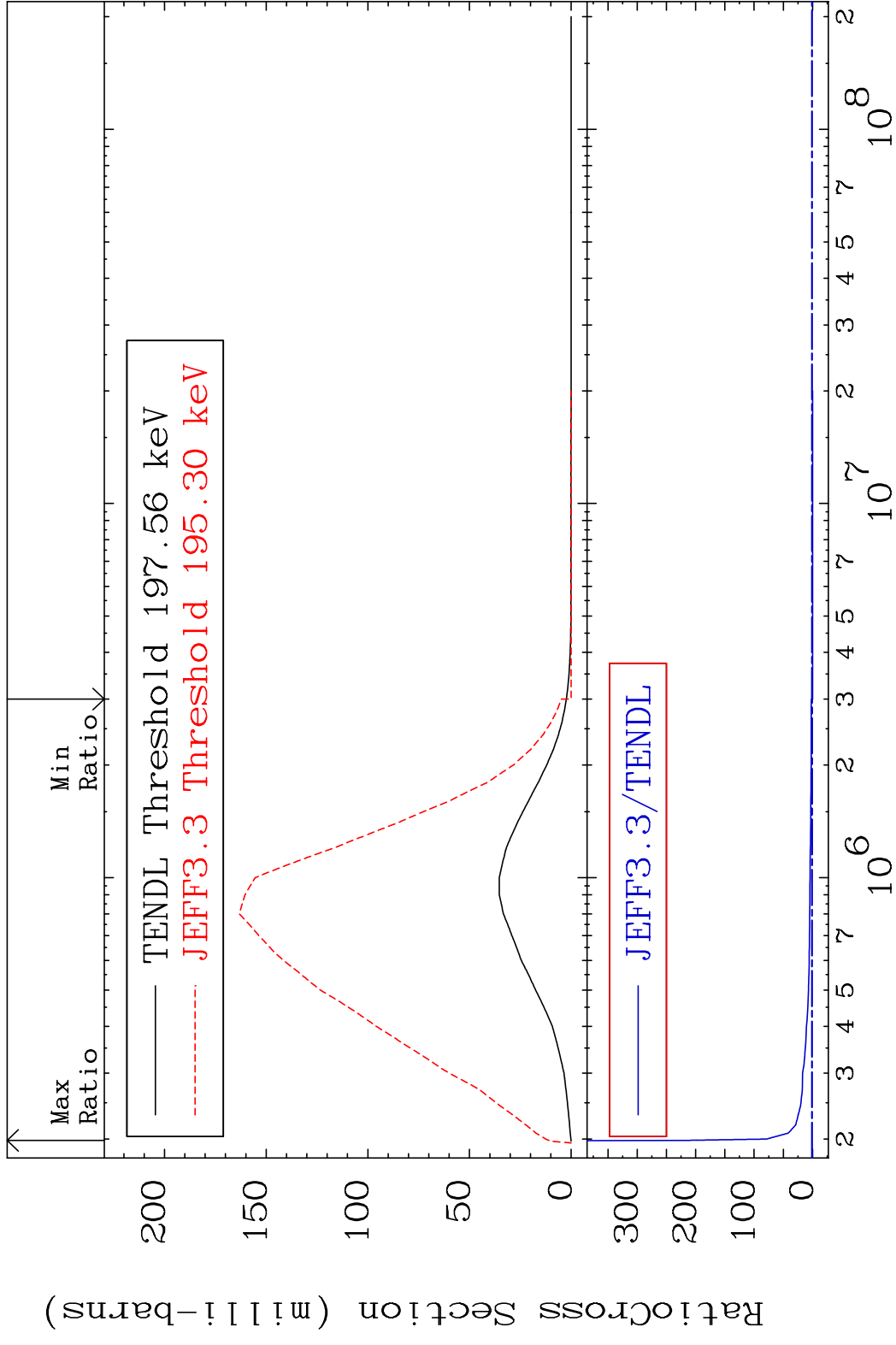
Incident Energy (eV)

63-Eu-151

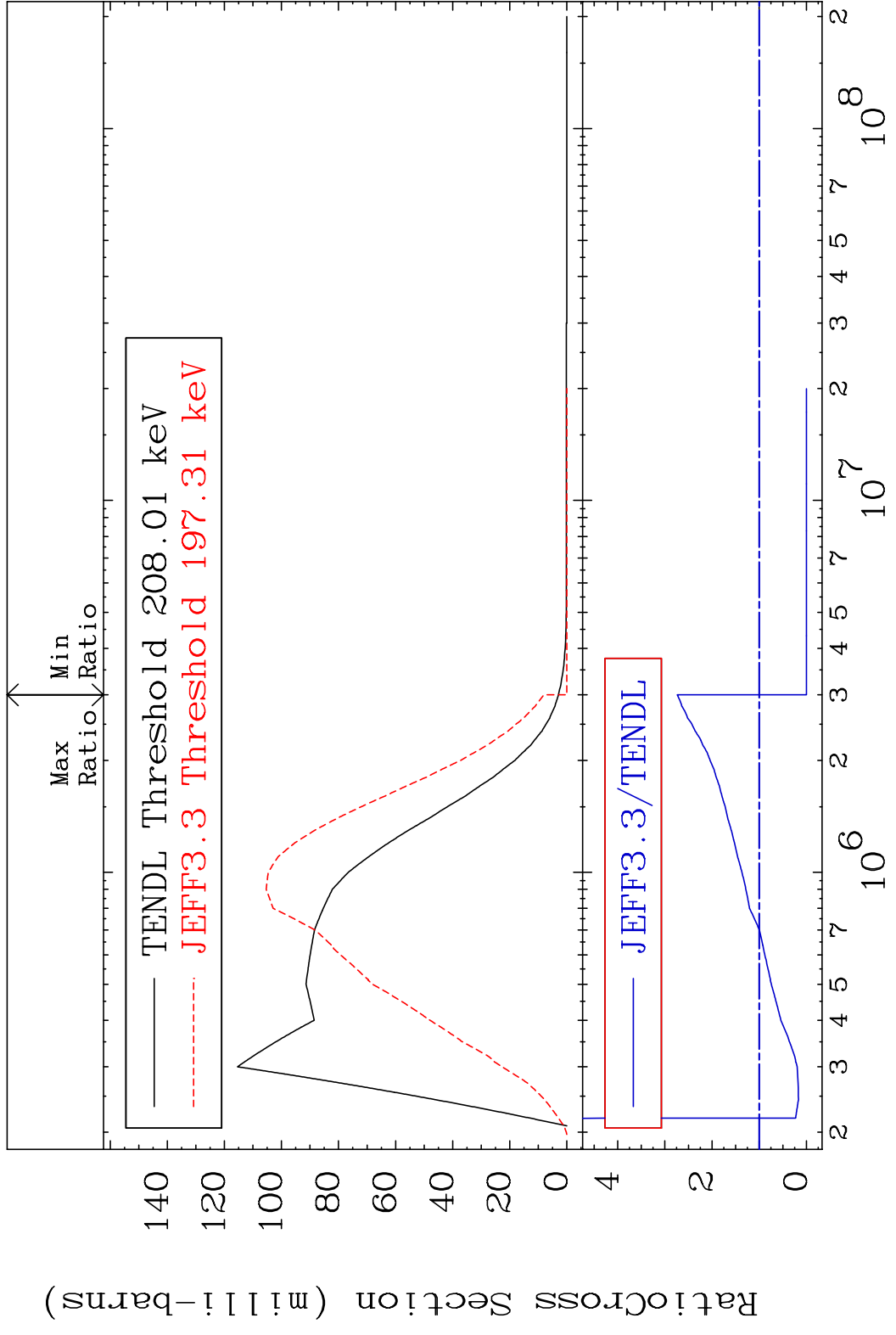
MAT 6325 MT= 51 (n, n') Level 63-Eu-151
 Cross Section -100.0 To 396.1 %



MAT 6325 MT= 52 (n, n') Level 63-Eu-151
 Cross Section -100.0 To 9999. %

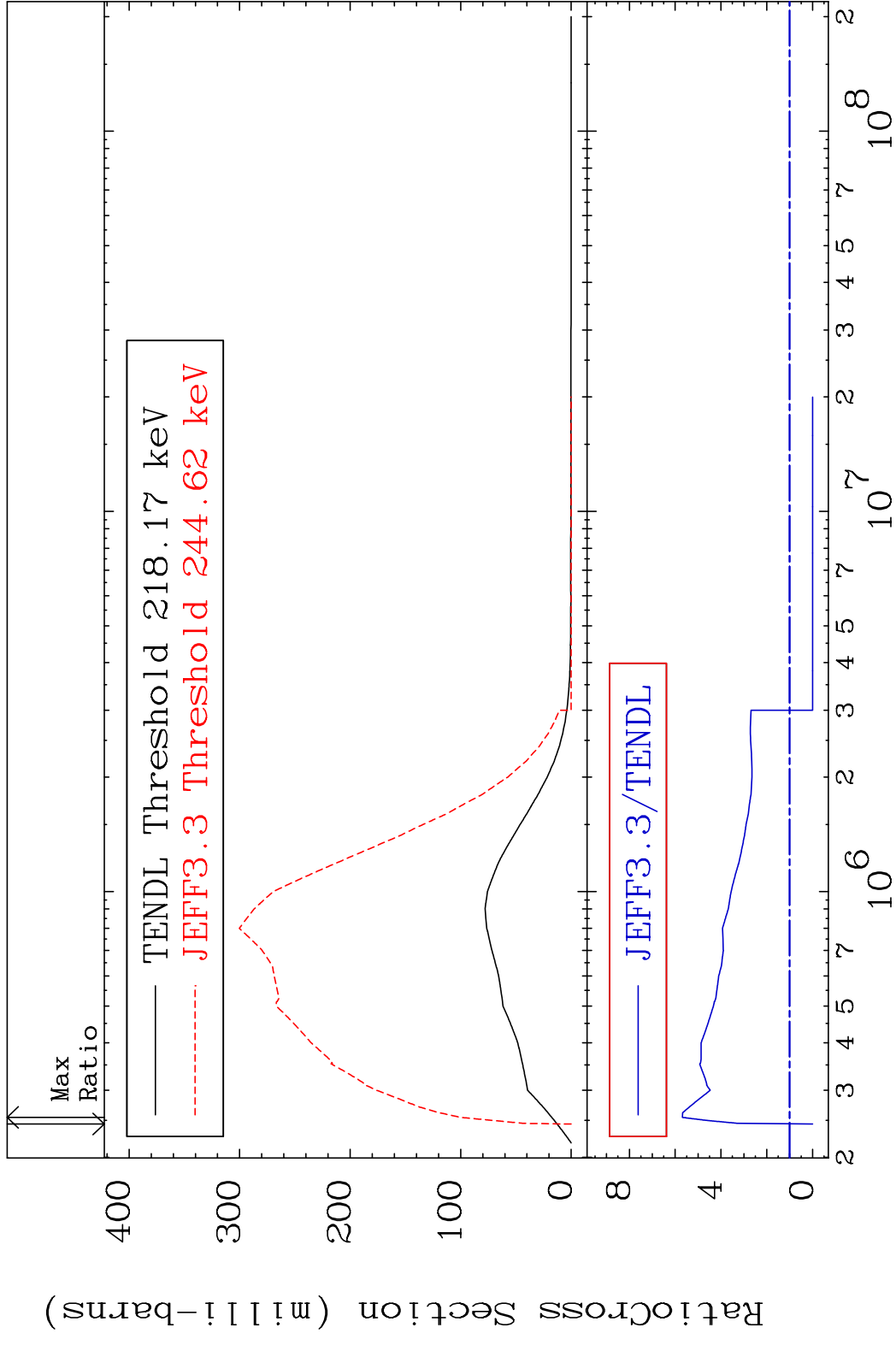


MAT 6325 MT= 53 (n, n') Level 63-Eu-151
 Cross Section -100.0 To 173.9 %

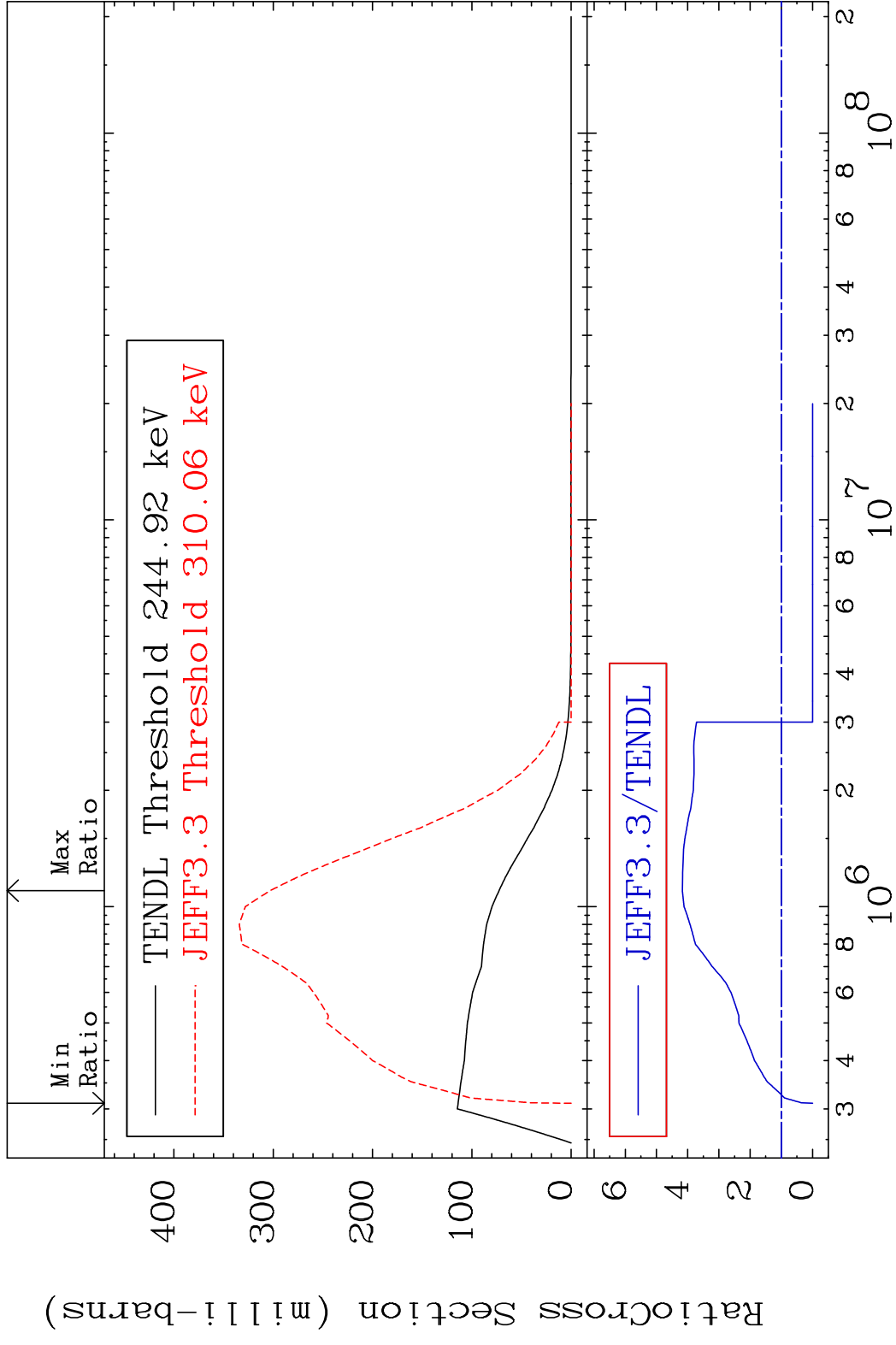


10 Incident Energy (eV) 63-Eu-151

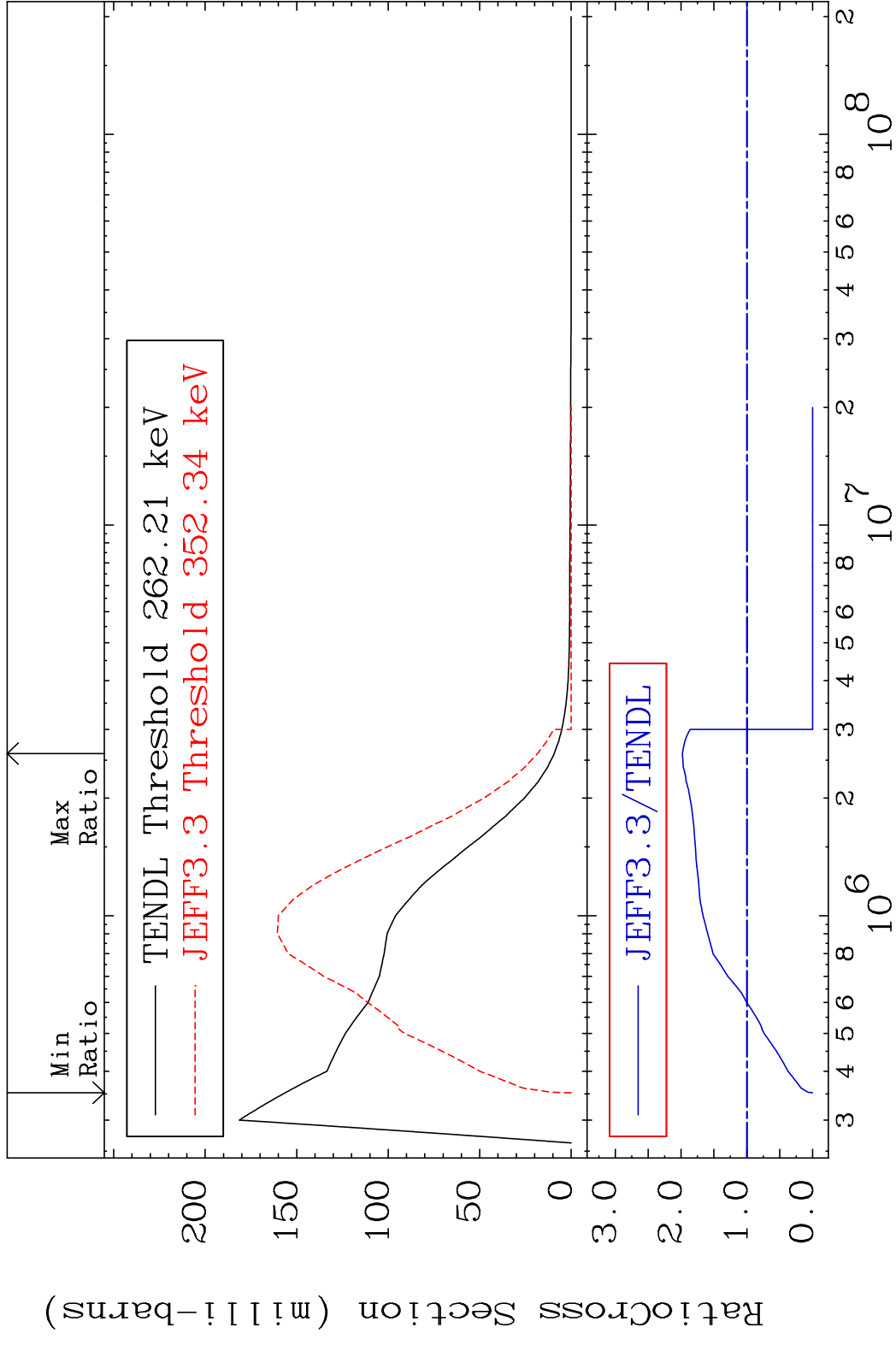
MAT 6325 MT= 54 (n,n') Level 63-Eu-151
 Cross Section -100.0 To 468.6 %



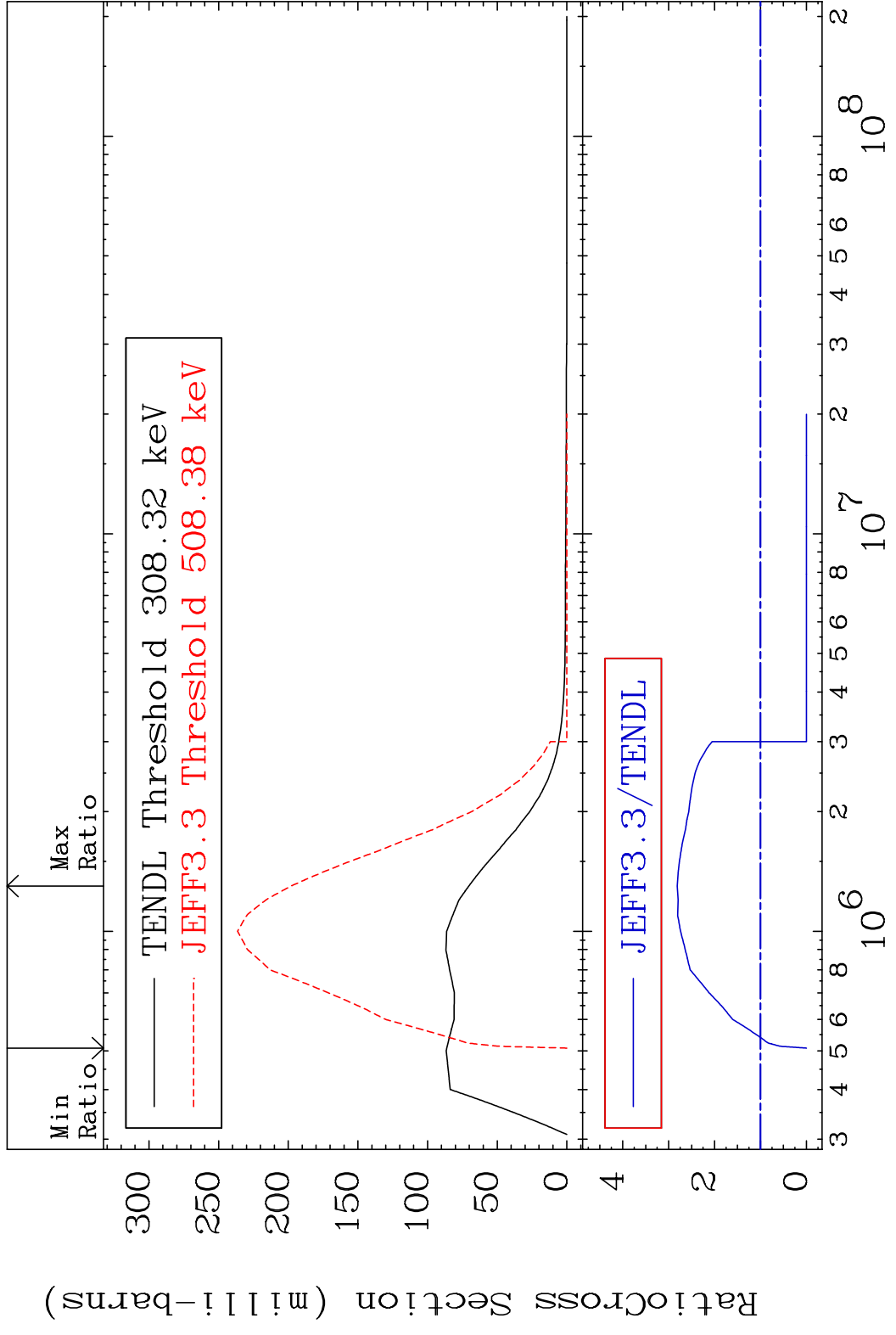
MAT 6325 MT= 55 (n,n') Level 63-Eu-151
 Cross Section -100.0 To 317.2 %



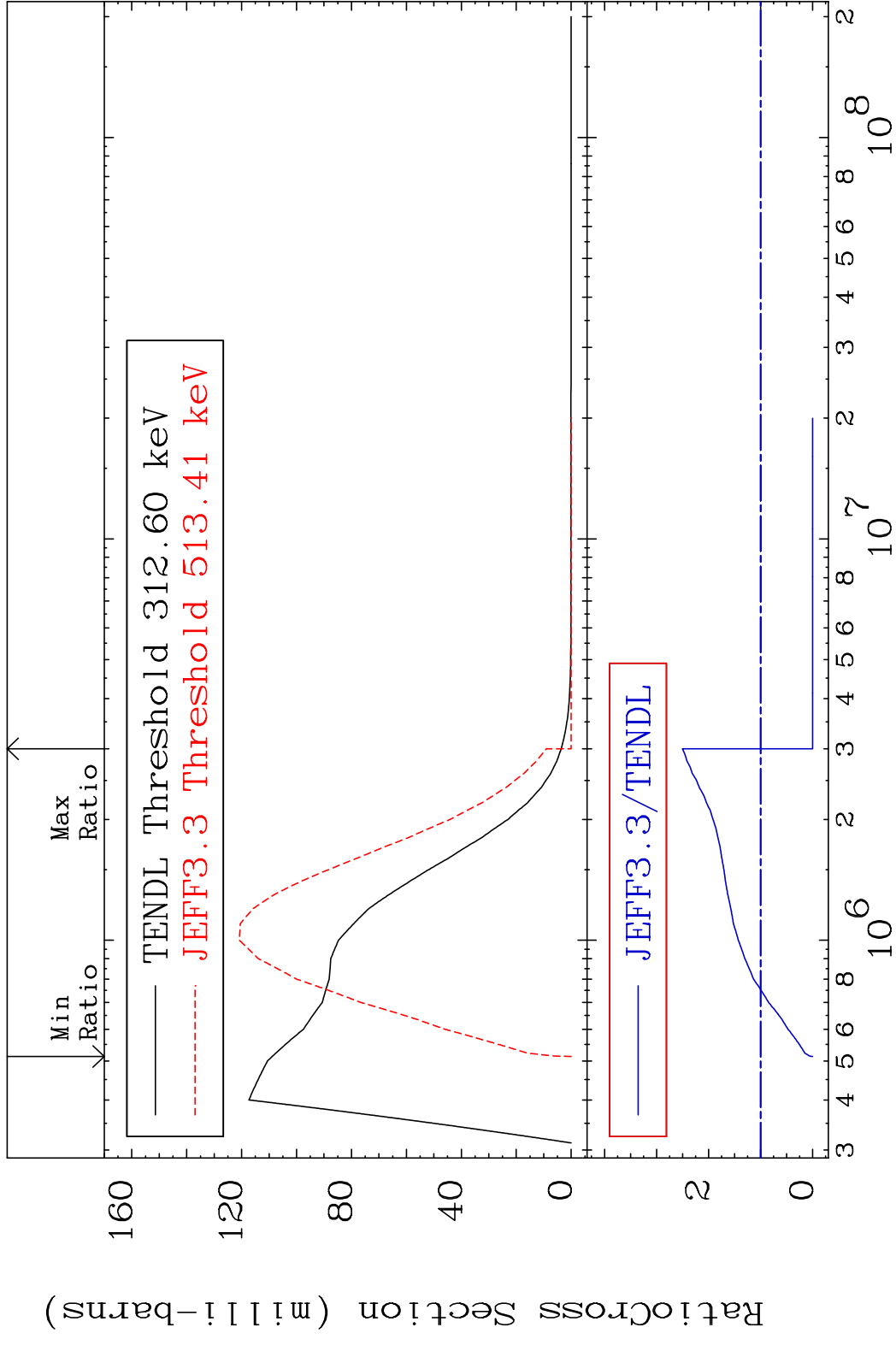
MAT 6325 MT= 56 (n,n') Level 63-Eu-151
 Cross Section -100.0 To 98.08 %



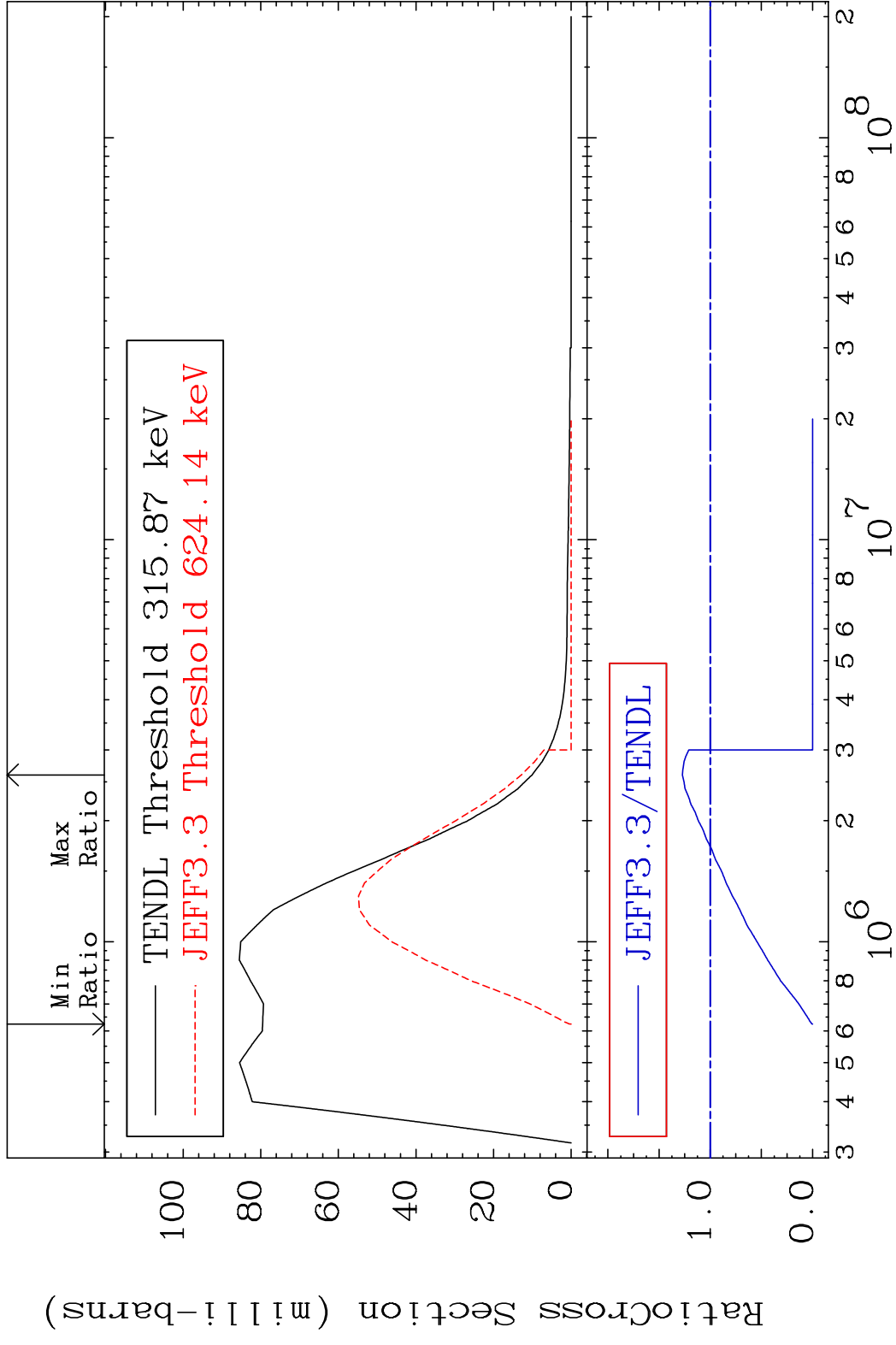
MAT 6325 MT= 57 (n, n') Level 63-Eu-151
 Cross Section -100.0 To 181.4 %



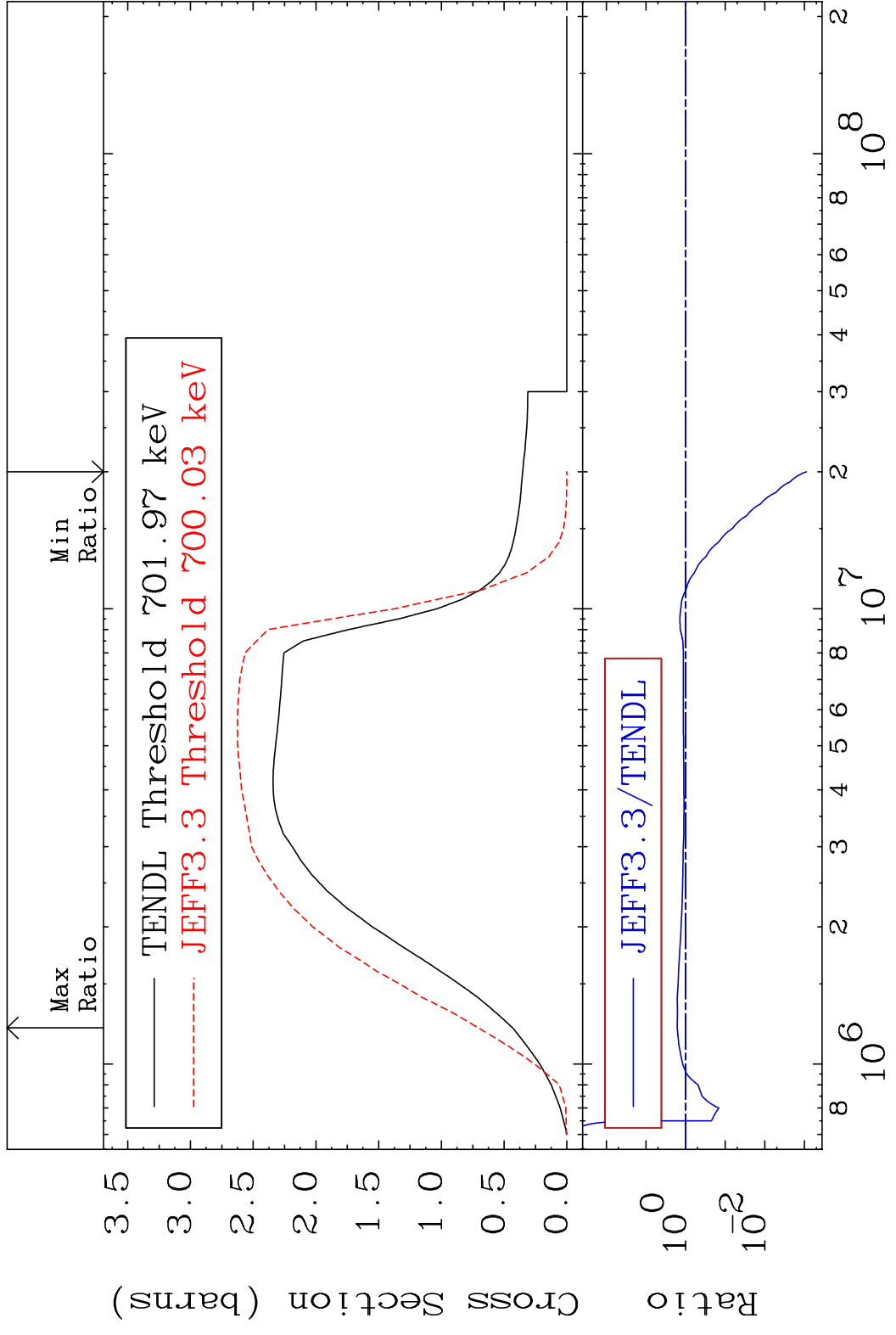
MAT 6325 MT= 58 (n, n') Level 63-Eu-151
 Cross Section -100.0 To 150.3 %



MAT 6325 MT= 59 (n,n') Level 63-Eu-151
 Cross Section -100.0 To 27.25 %



MAT 6325 (n, n') Continuum 63-Eu-151
 Cross Section -99.91 To 63.33 %

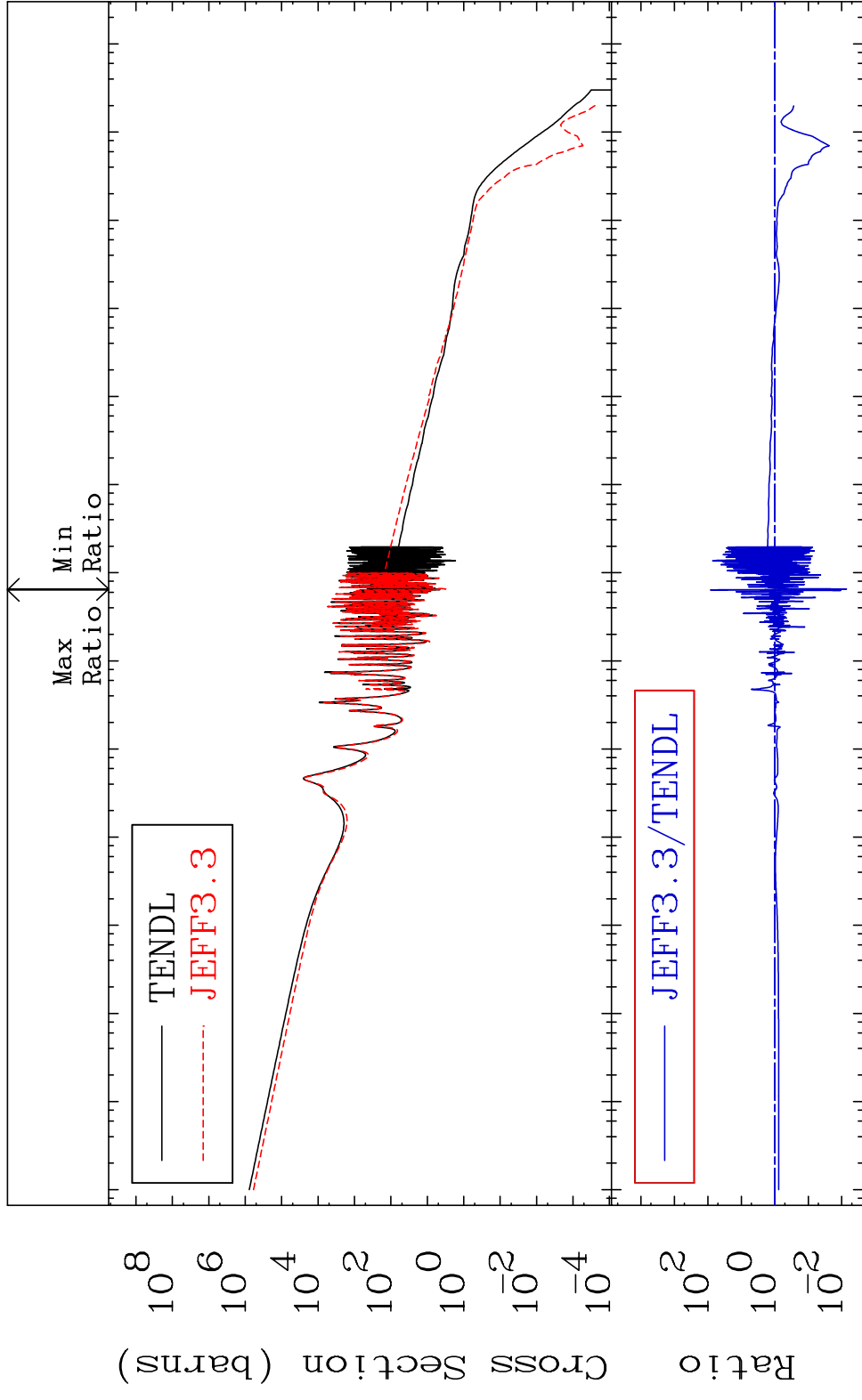


MAT 6325

63-Eu-151

(n, γ)

Cross Section -99.27 To 8116. %

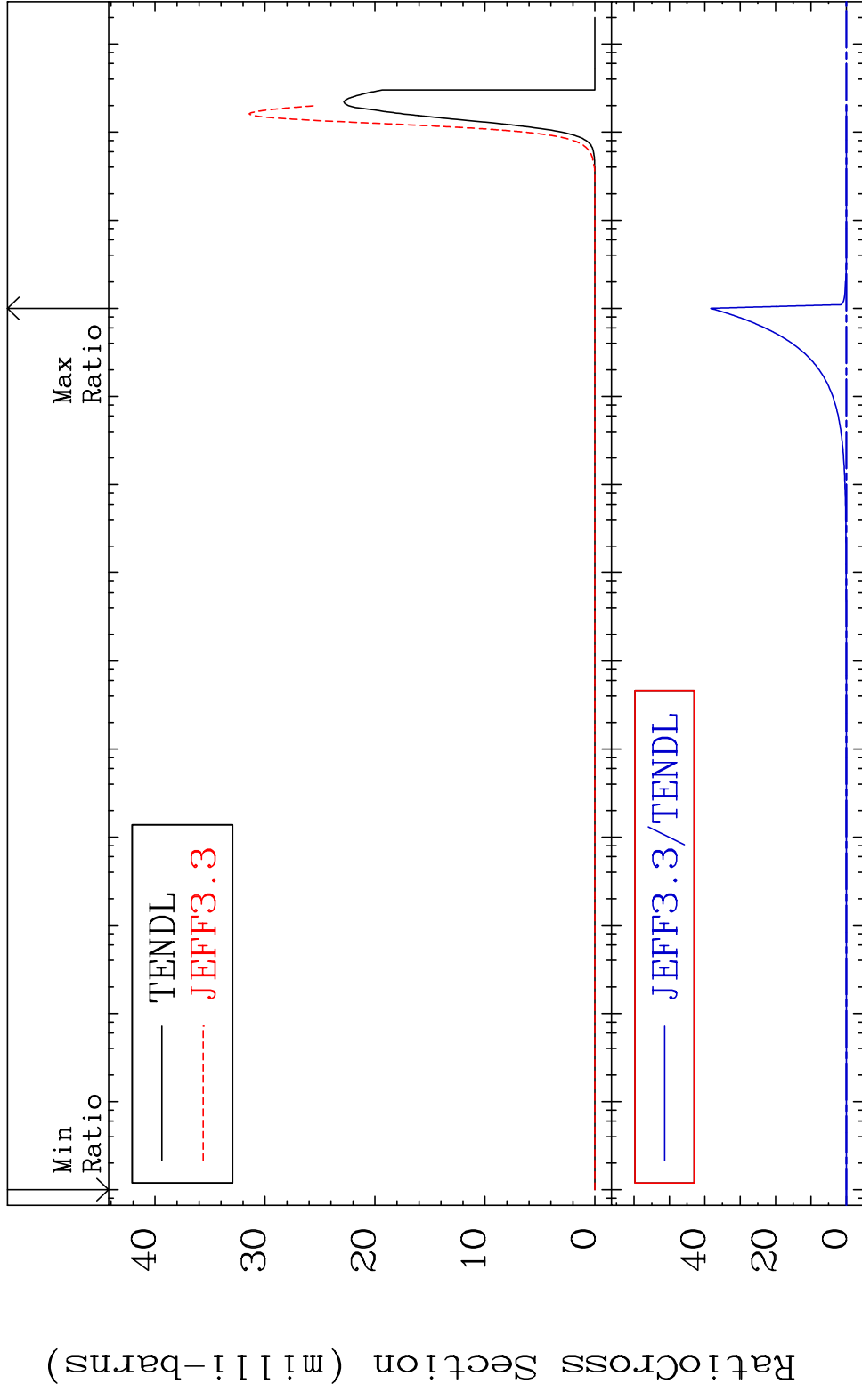


MAT 6325

(n, p)

63-Eu-151

Cross Section -100.0 To 9999. %



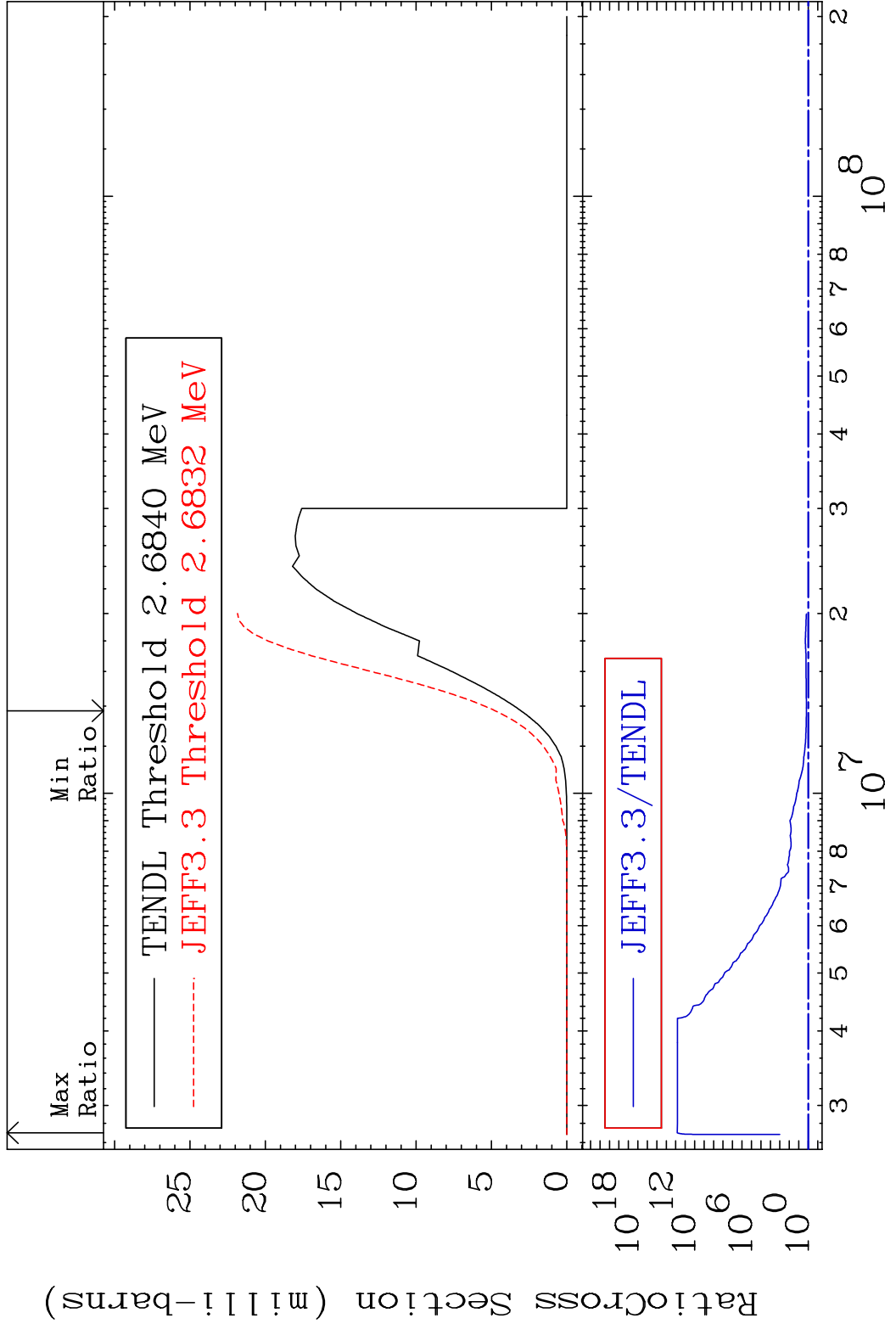
Ratio Cross Section (milli-barns)

19

Incident Energy (eV)

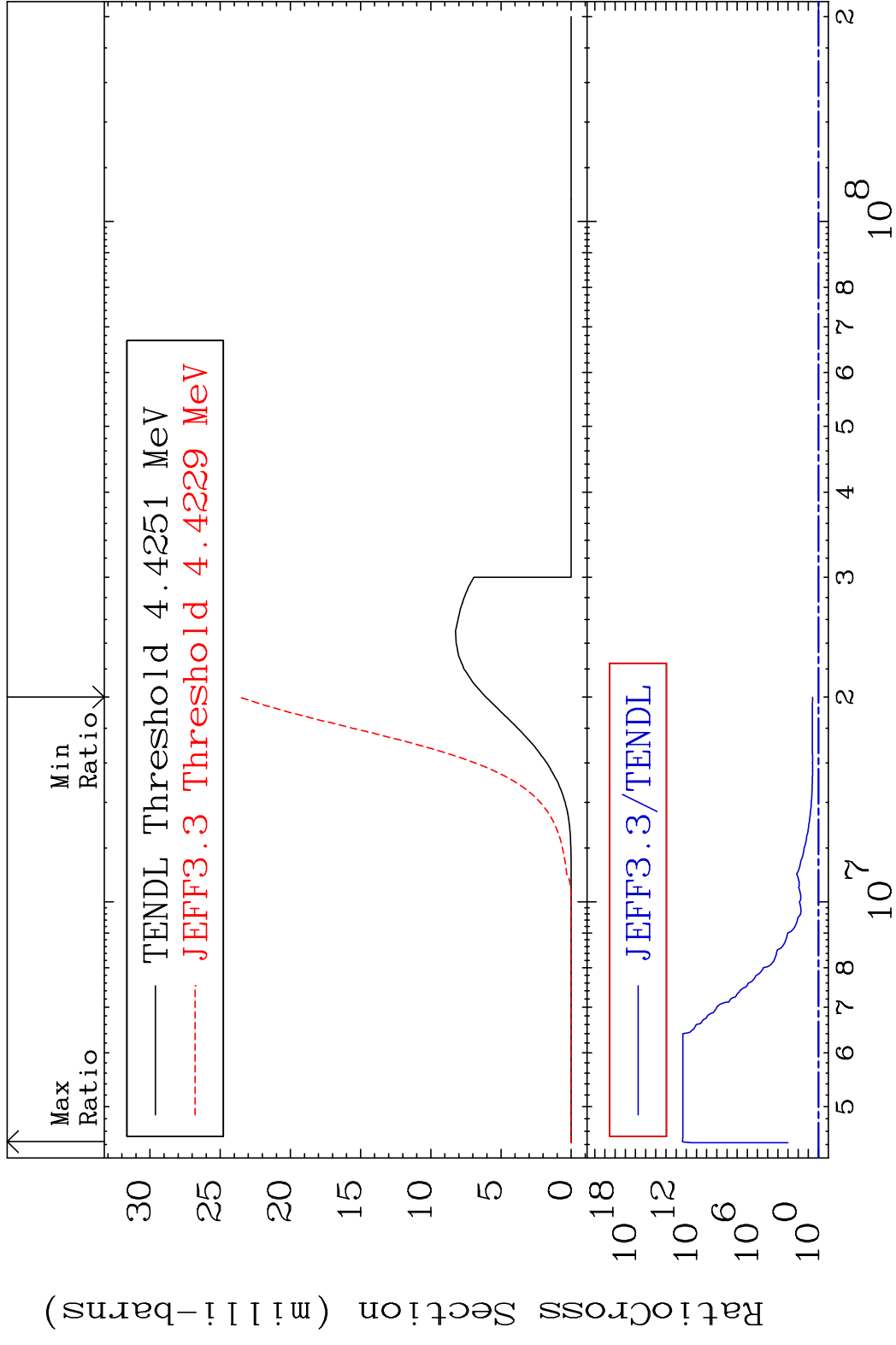
63-Eu-151

MAT 6325 (n,d) 63-Eu-151
 Cross Section 55.80 To 9999. %

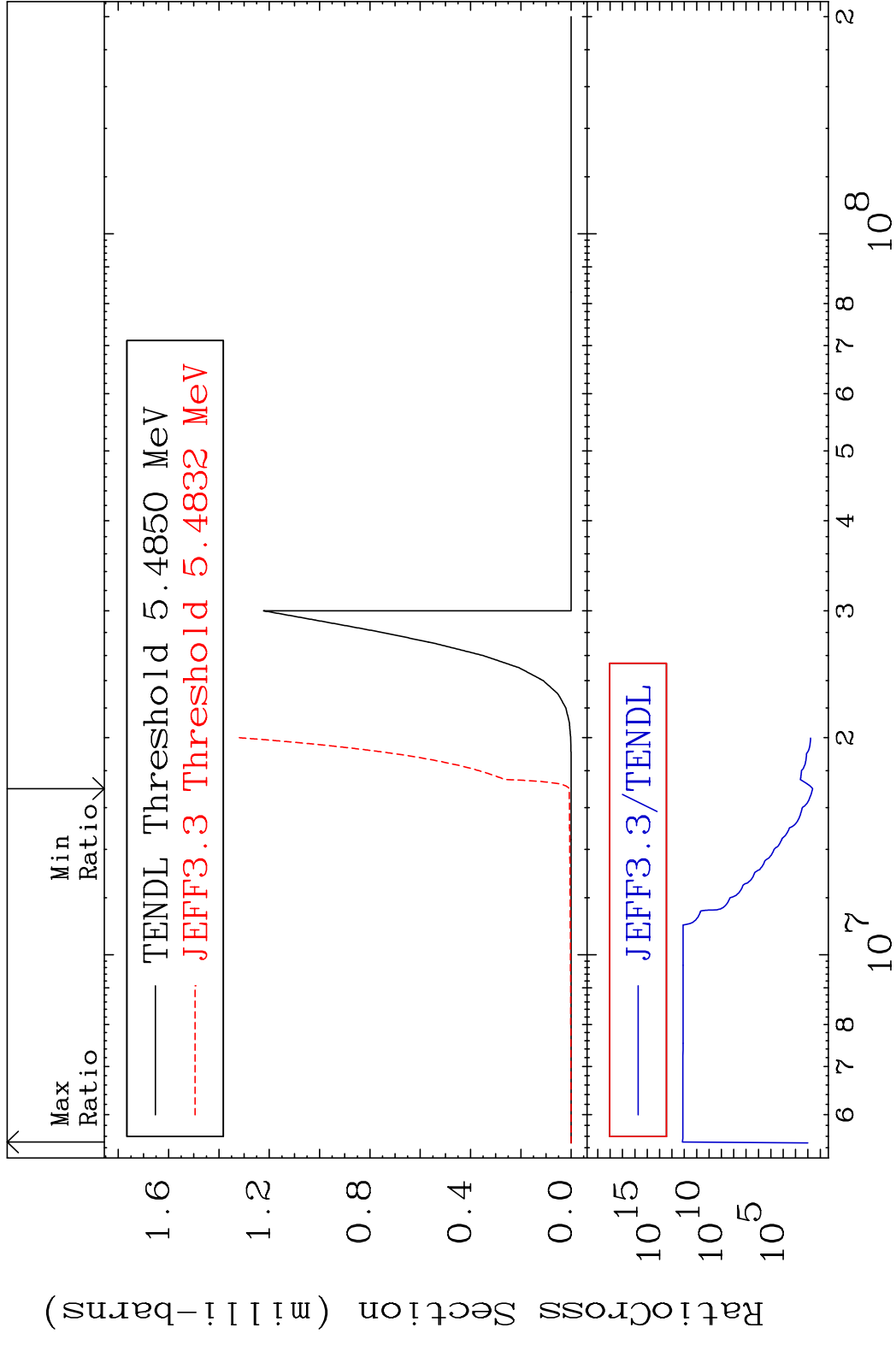


20 Incident Energy (eV) 63-Eu-151

MAT 6325 (n, t) 63-Eu-151
 Cross Section 288.9 To 9999. %



MAT 6325 (n, He-3) 63-Eu-151
 Cross Section 9999. To 9999. %

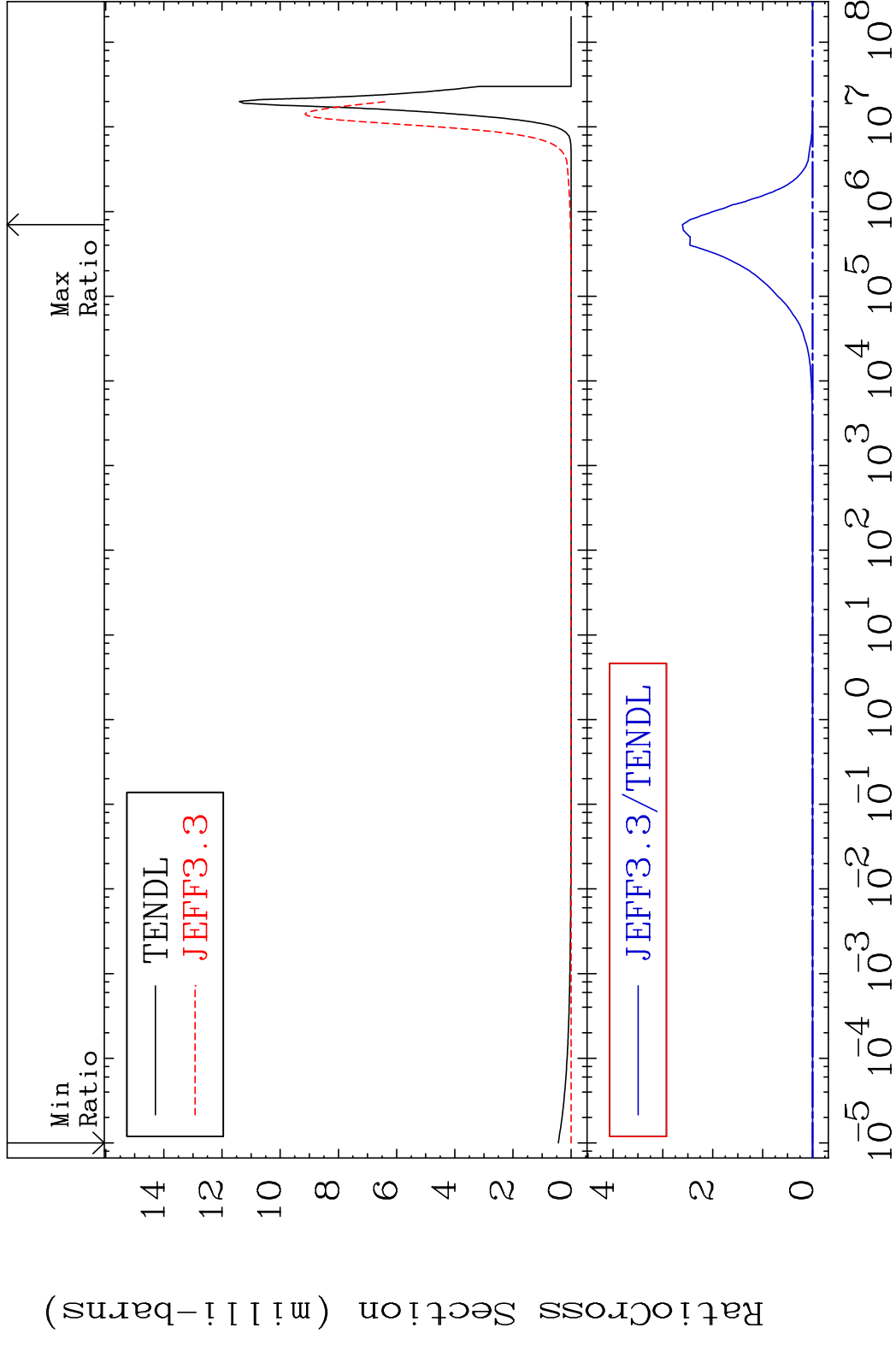


MAT 6325

(n, α)

63-Eu-151

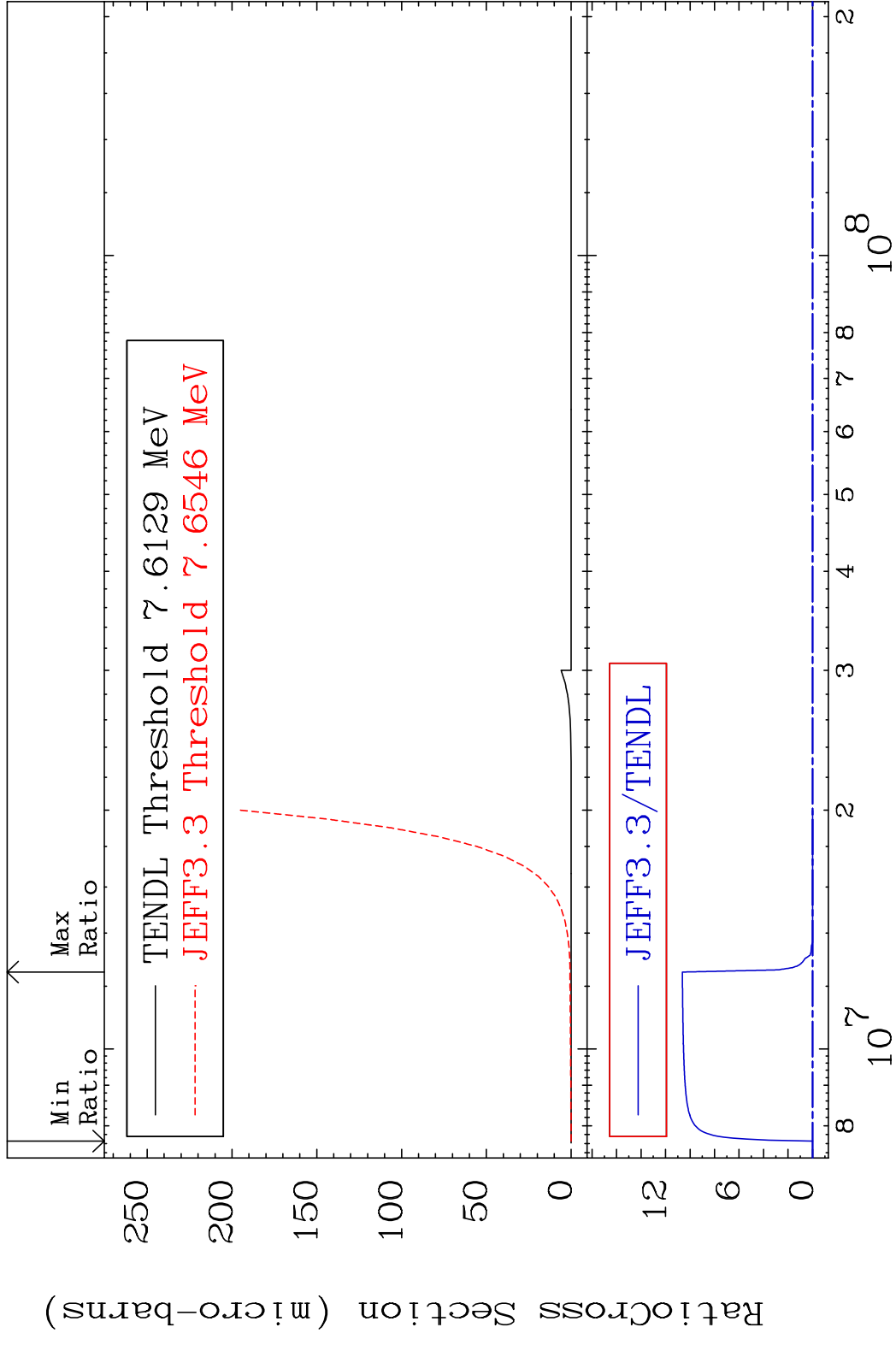
Cross Section -100.0 To 9999. %



23

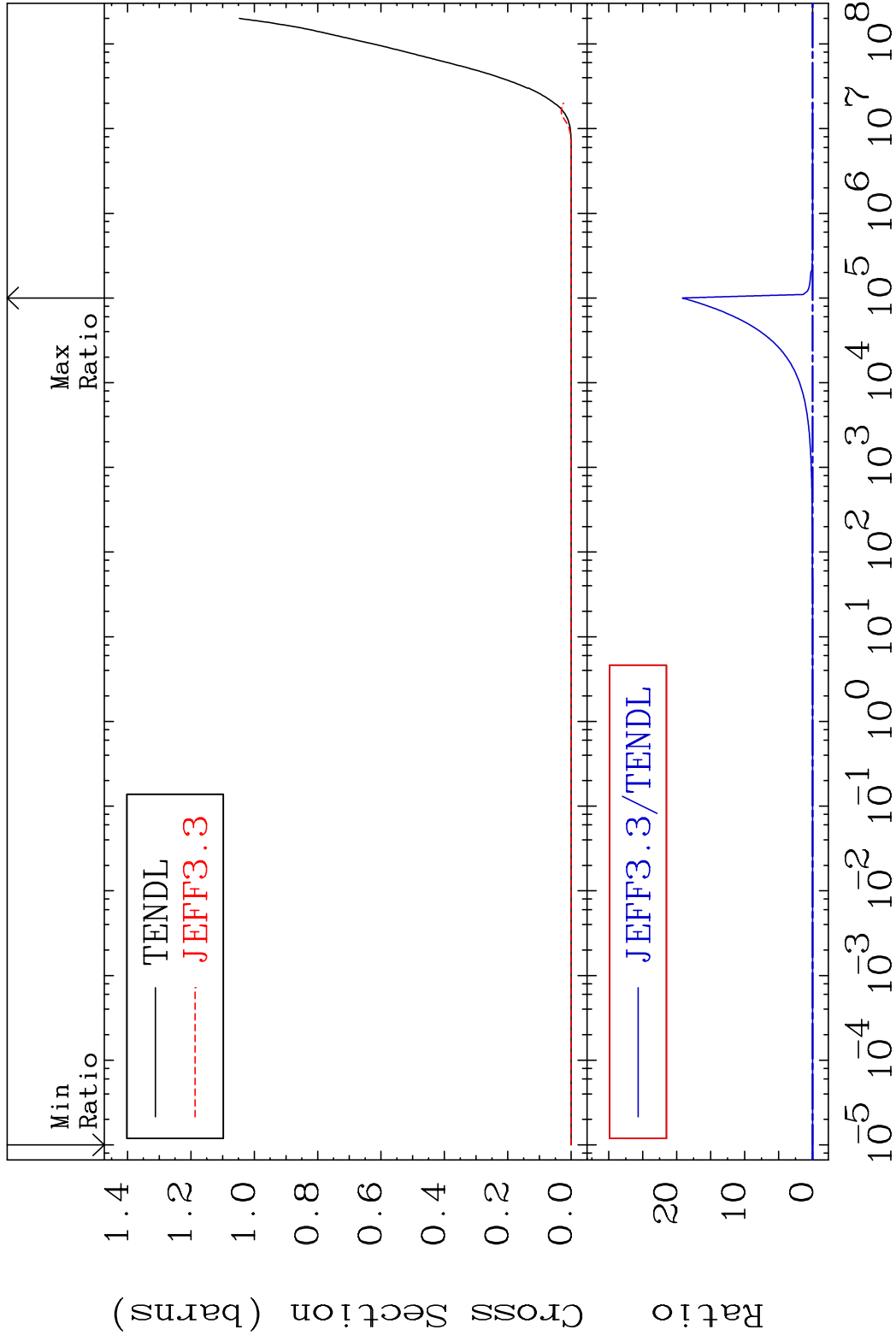
63-Eu-151

MAT 6325 (n,2p) 63-Eu-151
 Cross Section -100.0 To 9999. %



MAT 6325

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

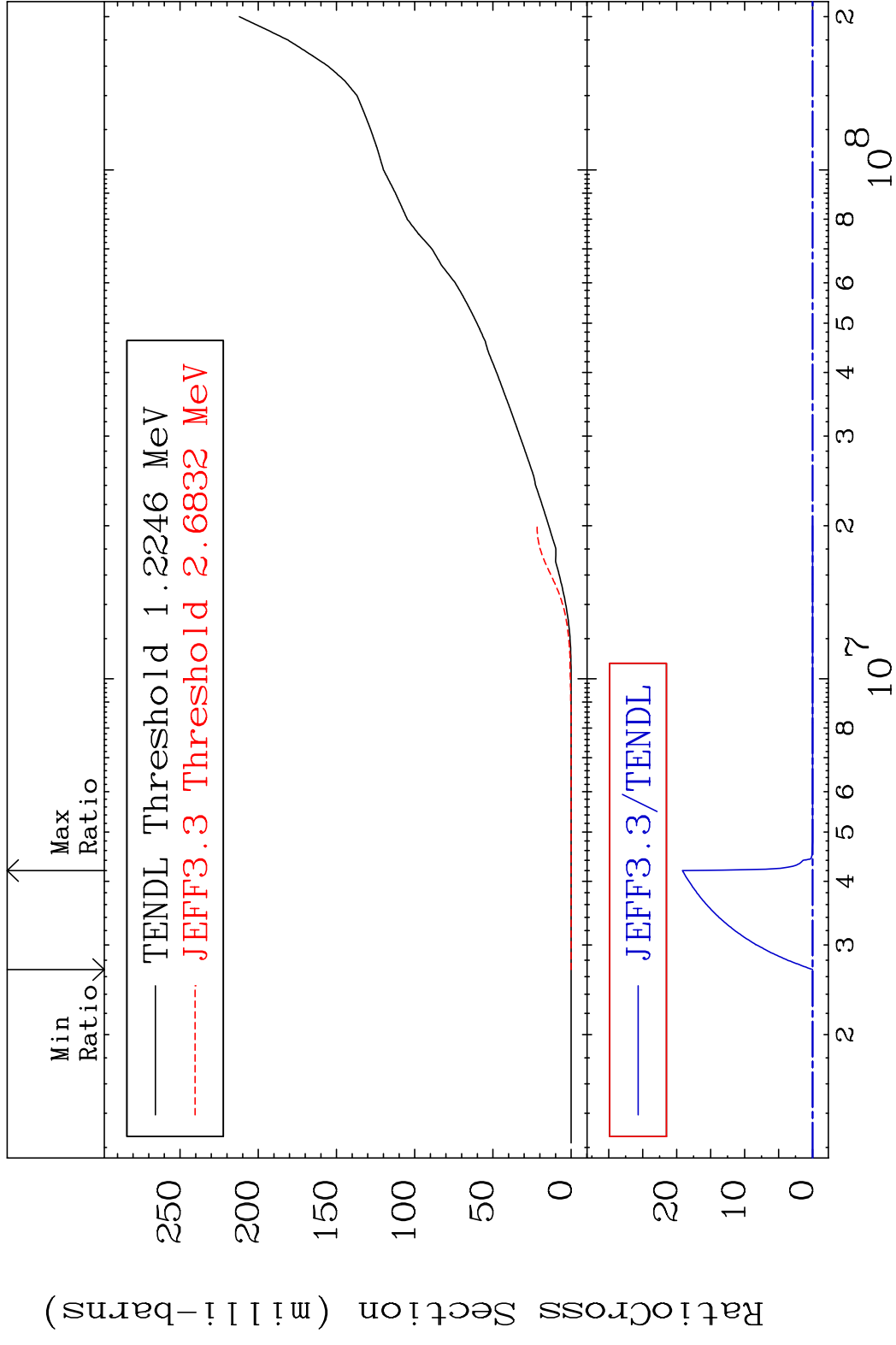


25

Incident Energy (eV)

63-Eu-151

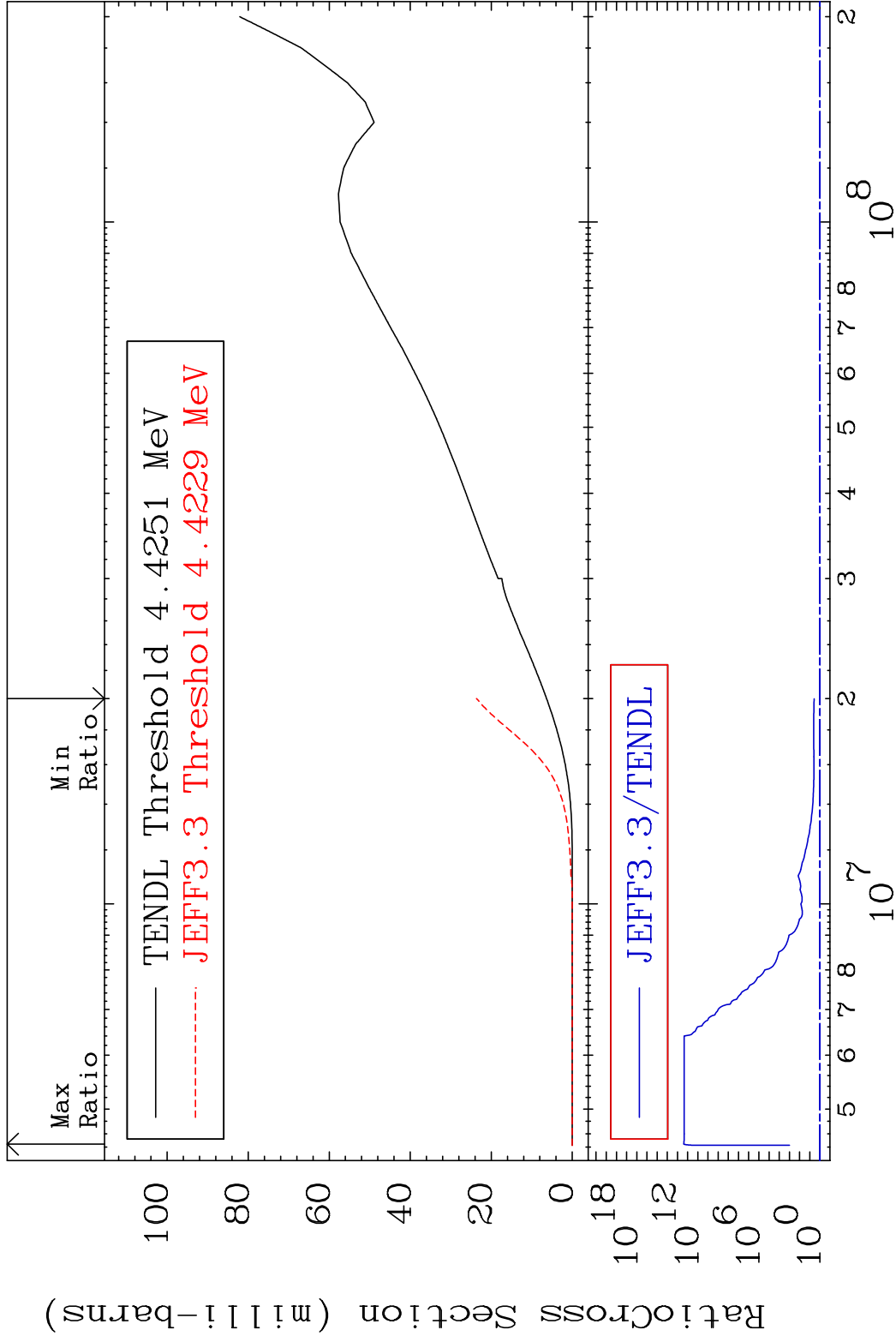
MAT 6325 Deuterium Production 63-Eu-151
 Cross Section -100.0 To 9999. %



MAT 6325

Tritium Production 63-Eu-151

Cross Section 273.0 To 9999. %

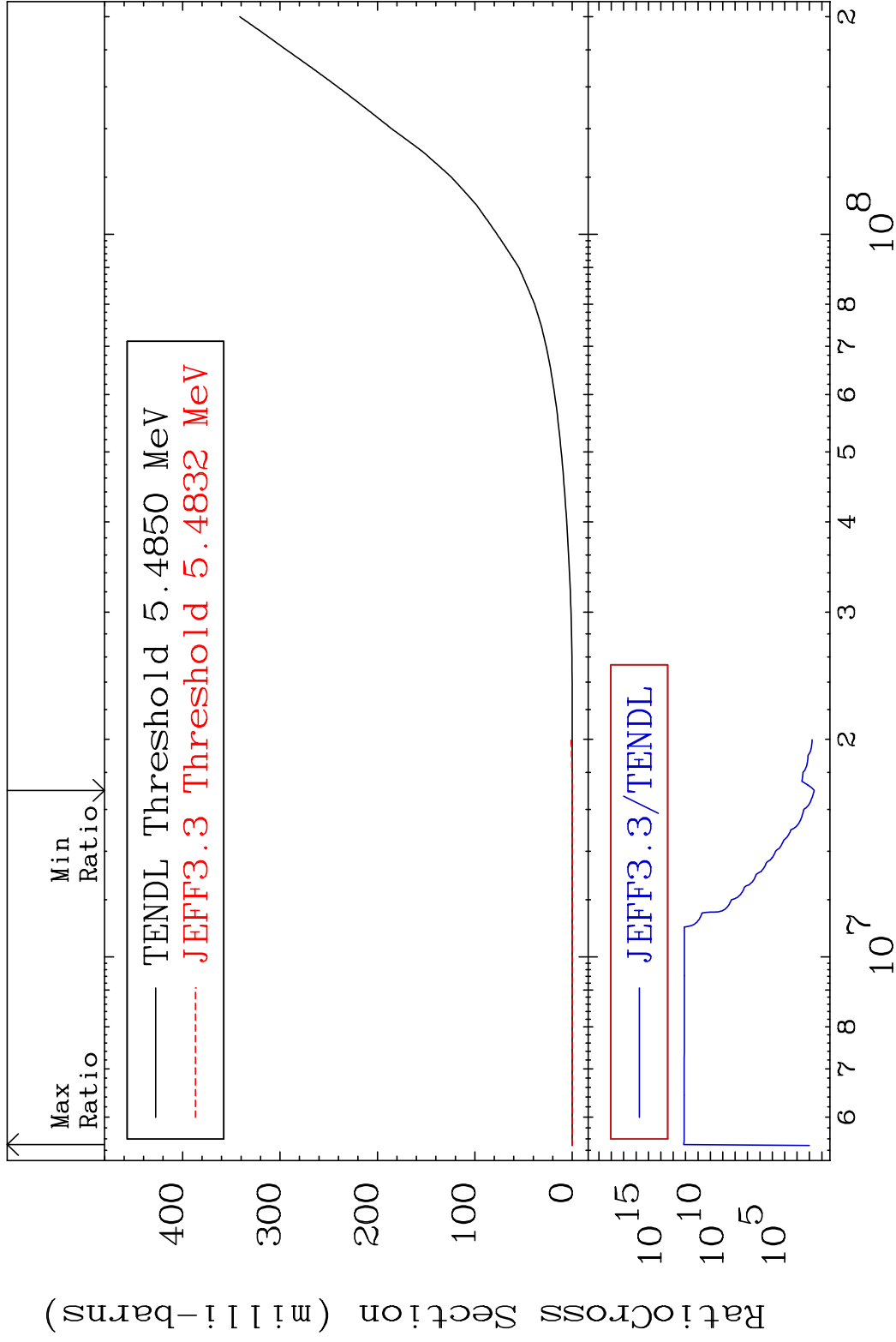


MAT 6325

He-3 Production

63-Eu-151

Cross Section 9999. To 9999. %



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Incident Energy (eV)

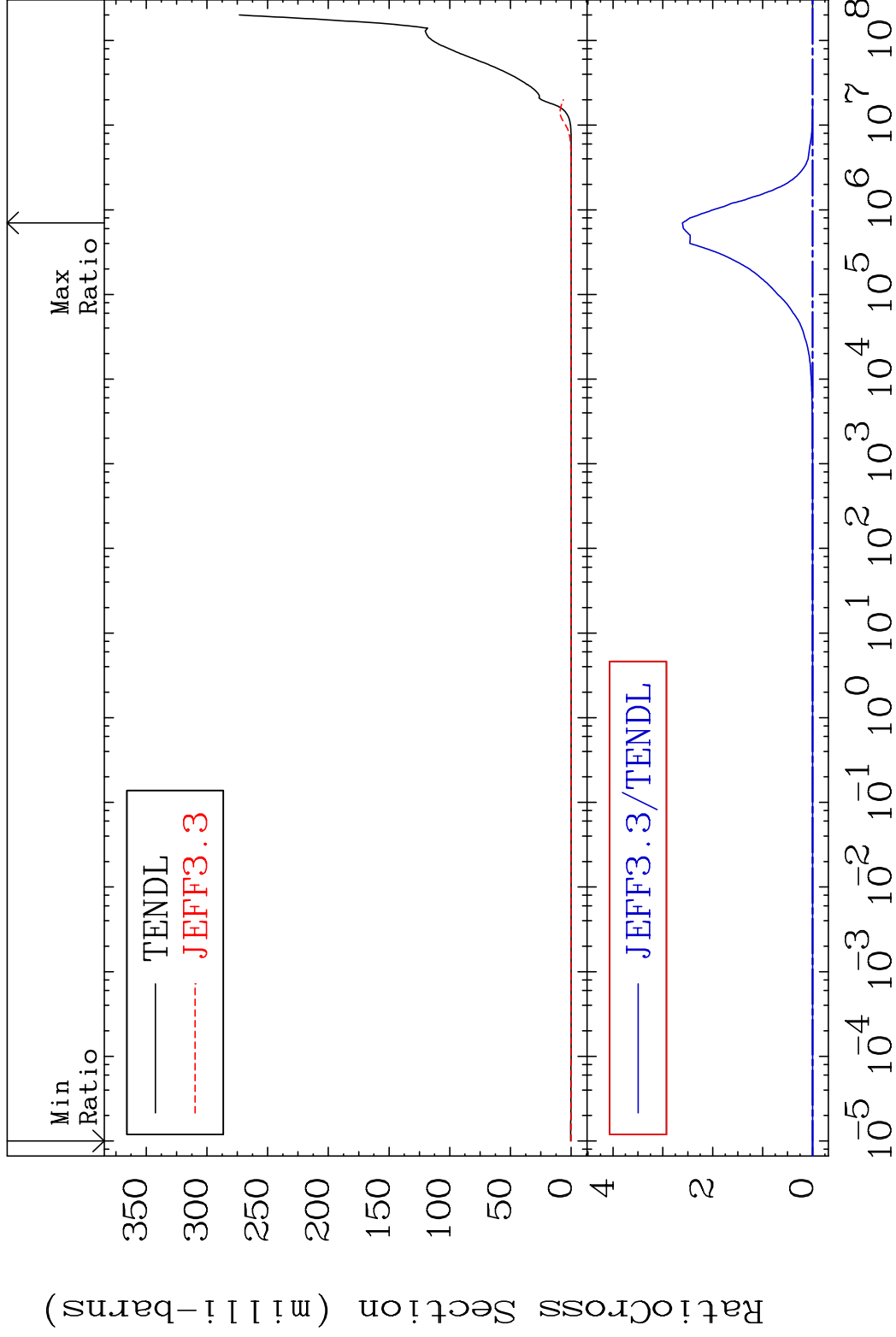
63-Eu-151

MAT 6325

He-4 Production

63-Eu-151

Cross Section -100.0 To 9999. %

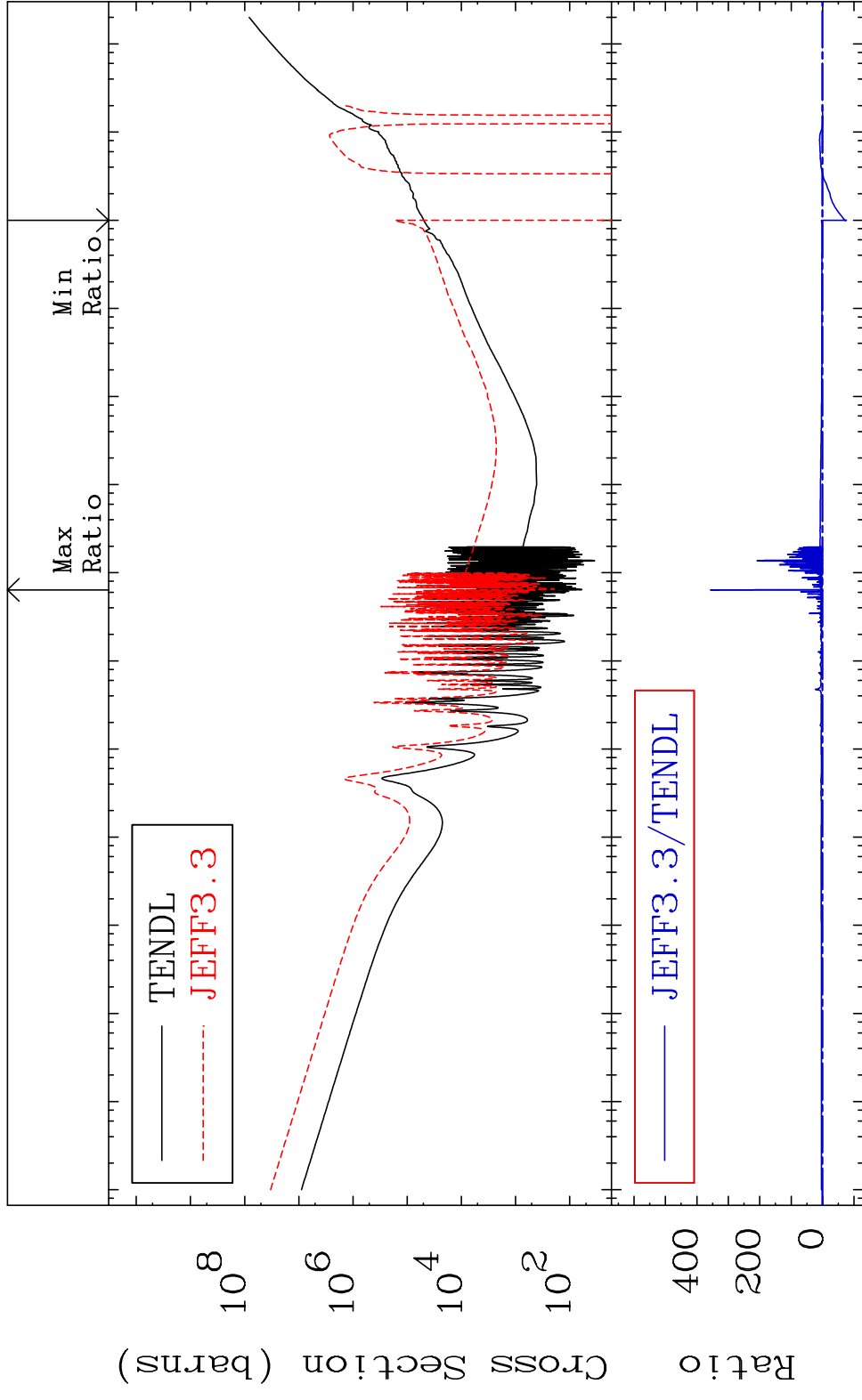


29

Incident Energy (eV)

63-Eu-151

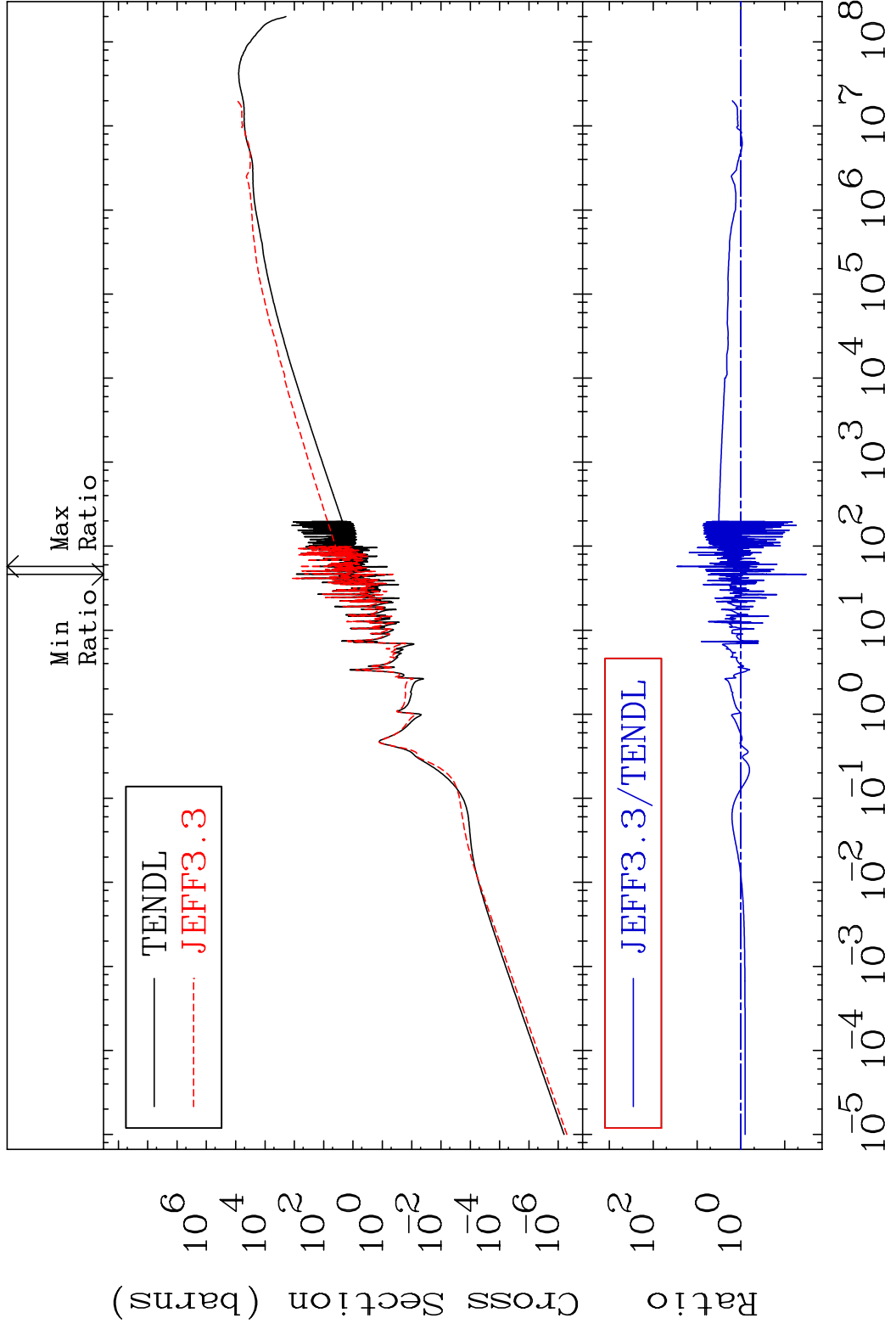
MAT 6325 Kerma total (eV-barns) 63-Eu-151
 Cross Section -7651. To 9999. %



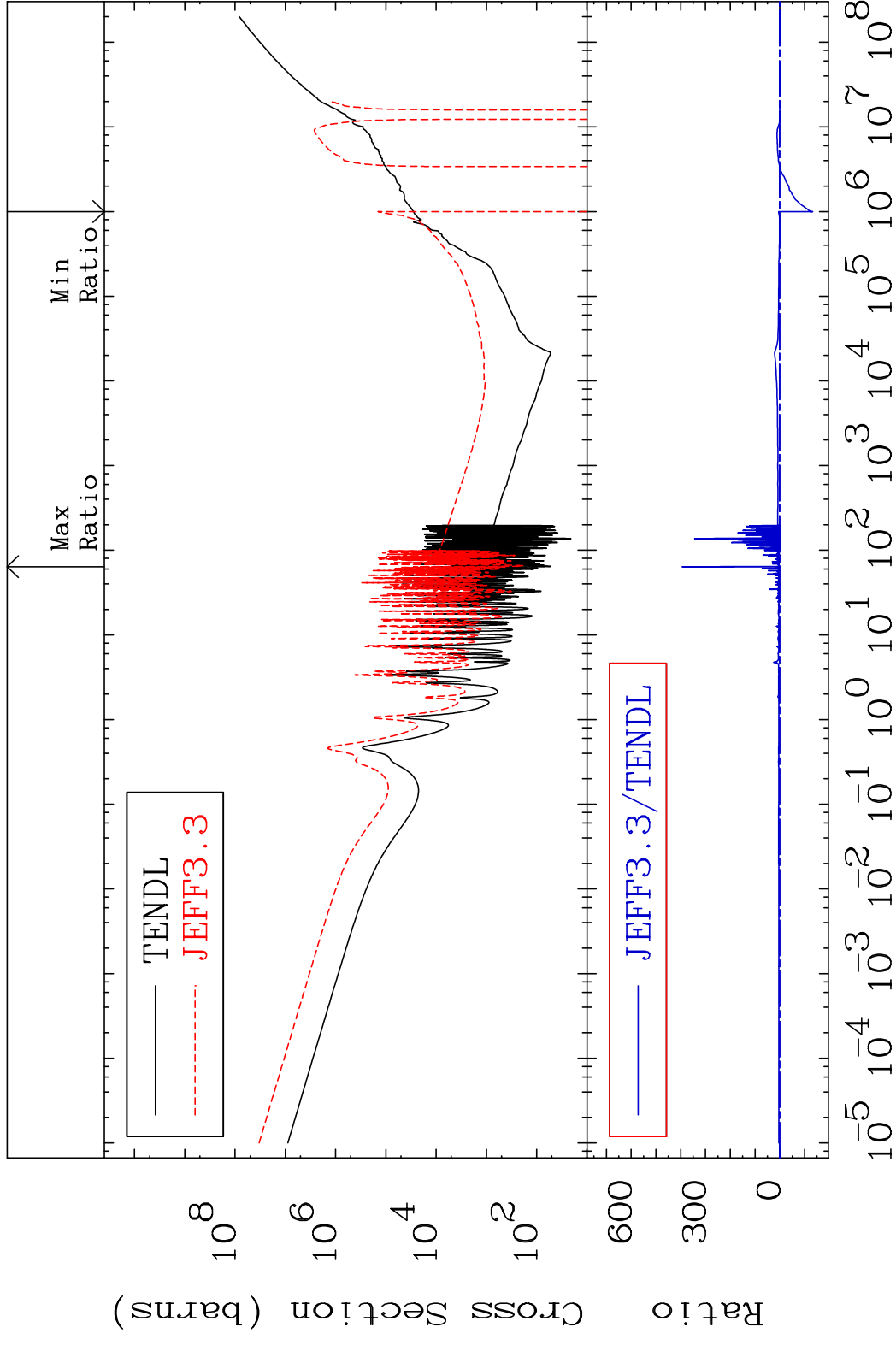
30 Incident Energy (eV) 63-Eu-151

MAT 6325

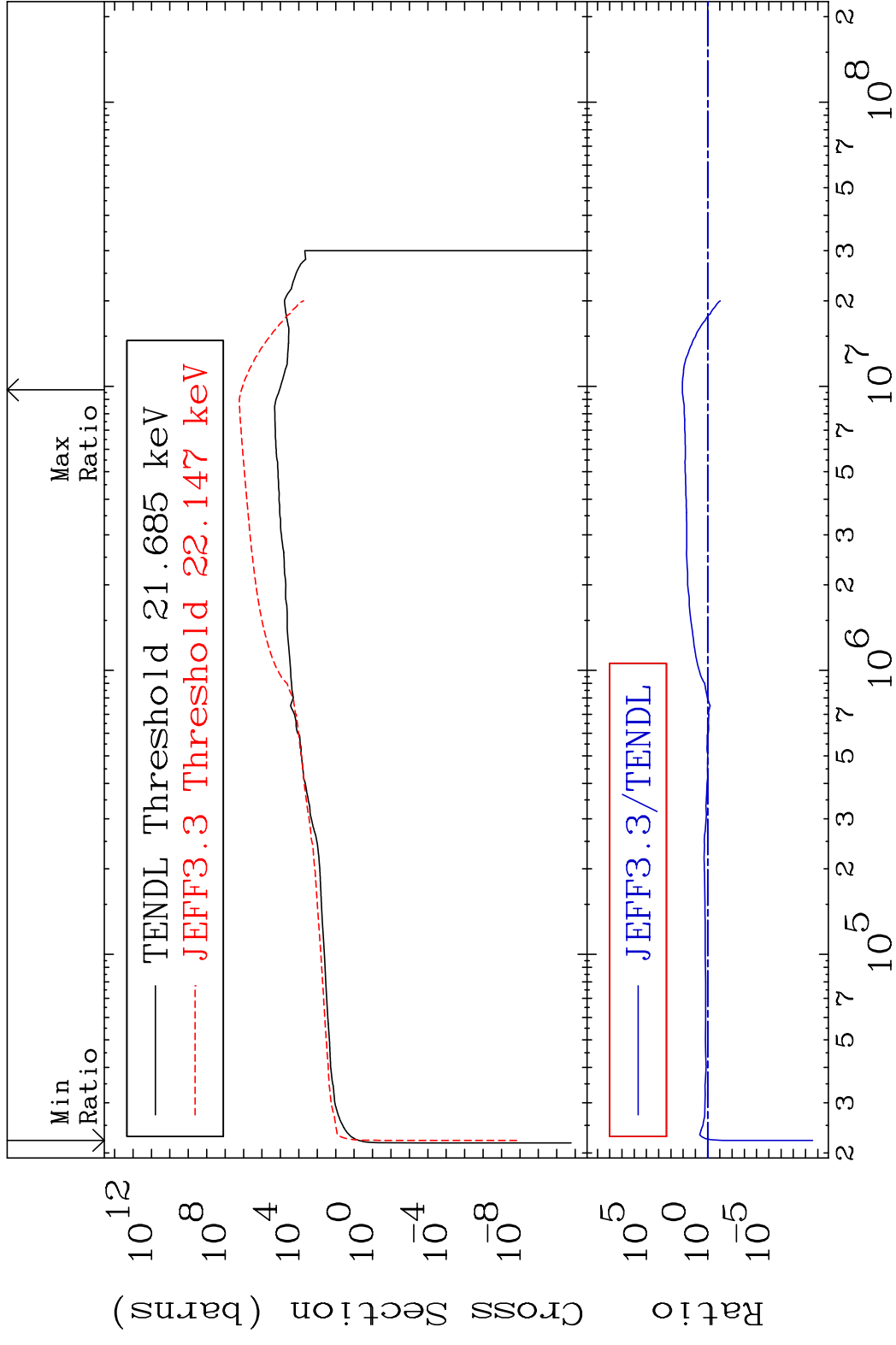
Kerma elastic Cross Section -96.80 To 2735. %
63-Eu-151



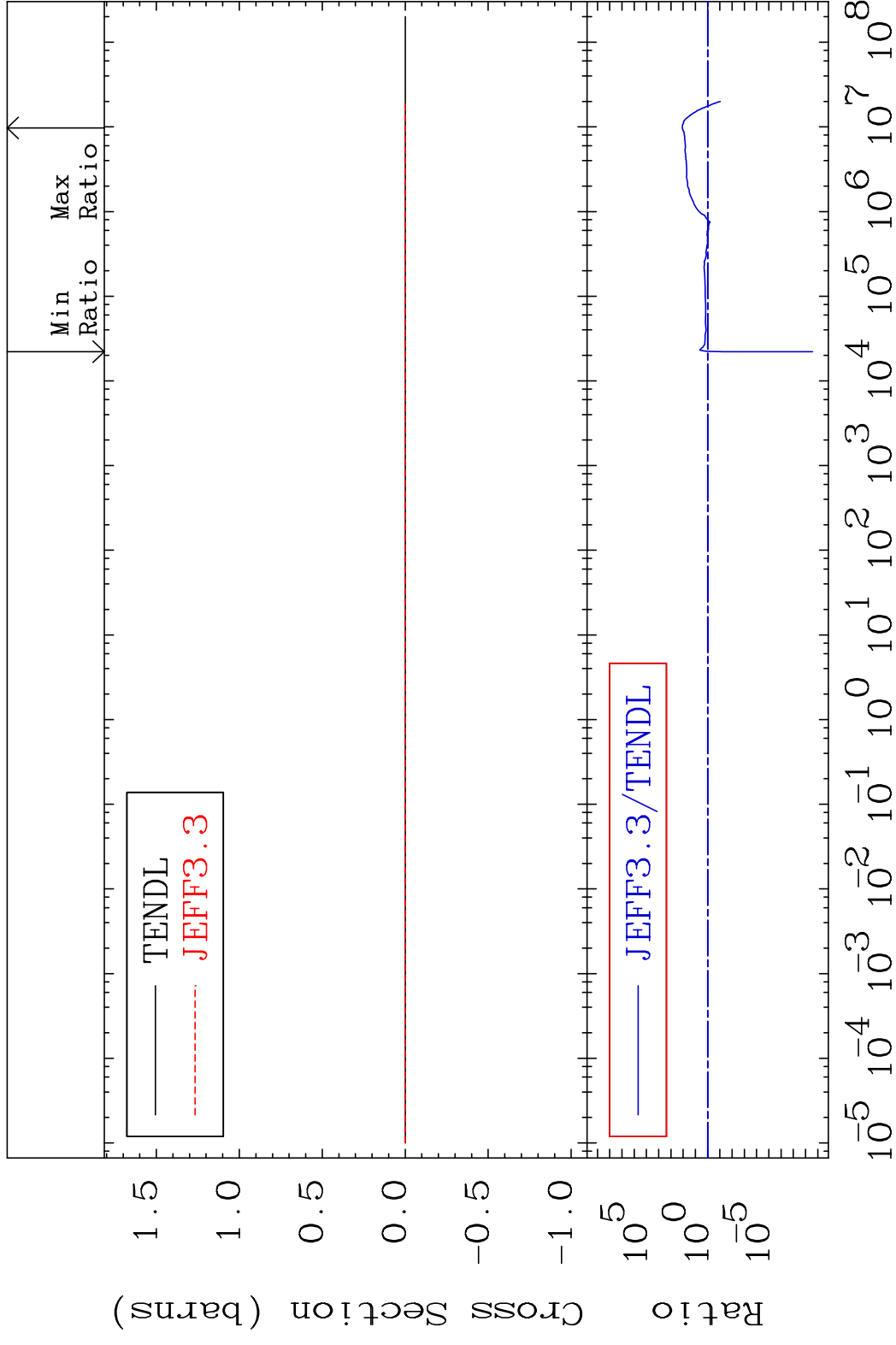
MAT 6325 Kerma non-elastic (all but mt2) 63-Eu-151
 Cross Section -9999. To 9999. %



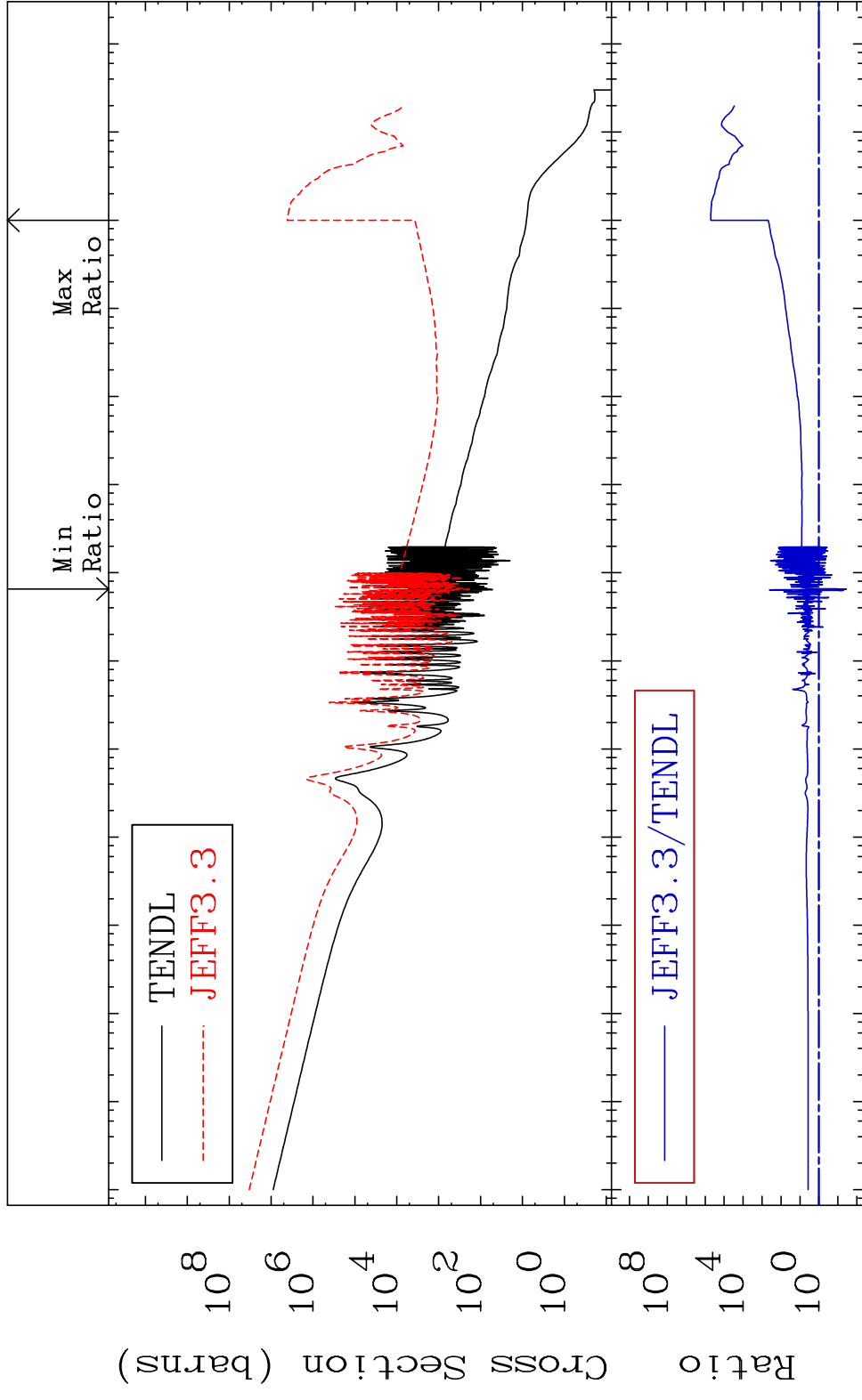
MAT 6325 Kerma inelastic (mt51-91) 63-Eu-151
 Cross Section -100.0 To 9999. %



MAT 6325 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-151
 Cross Section -100.0 To 9999. %

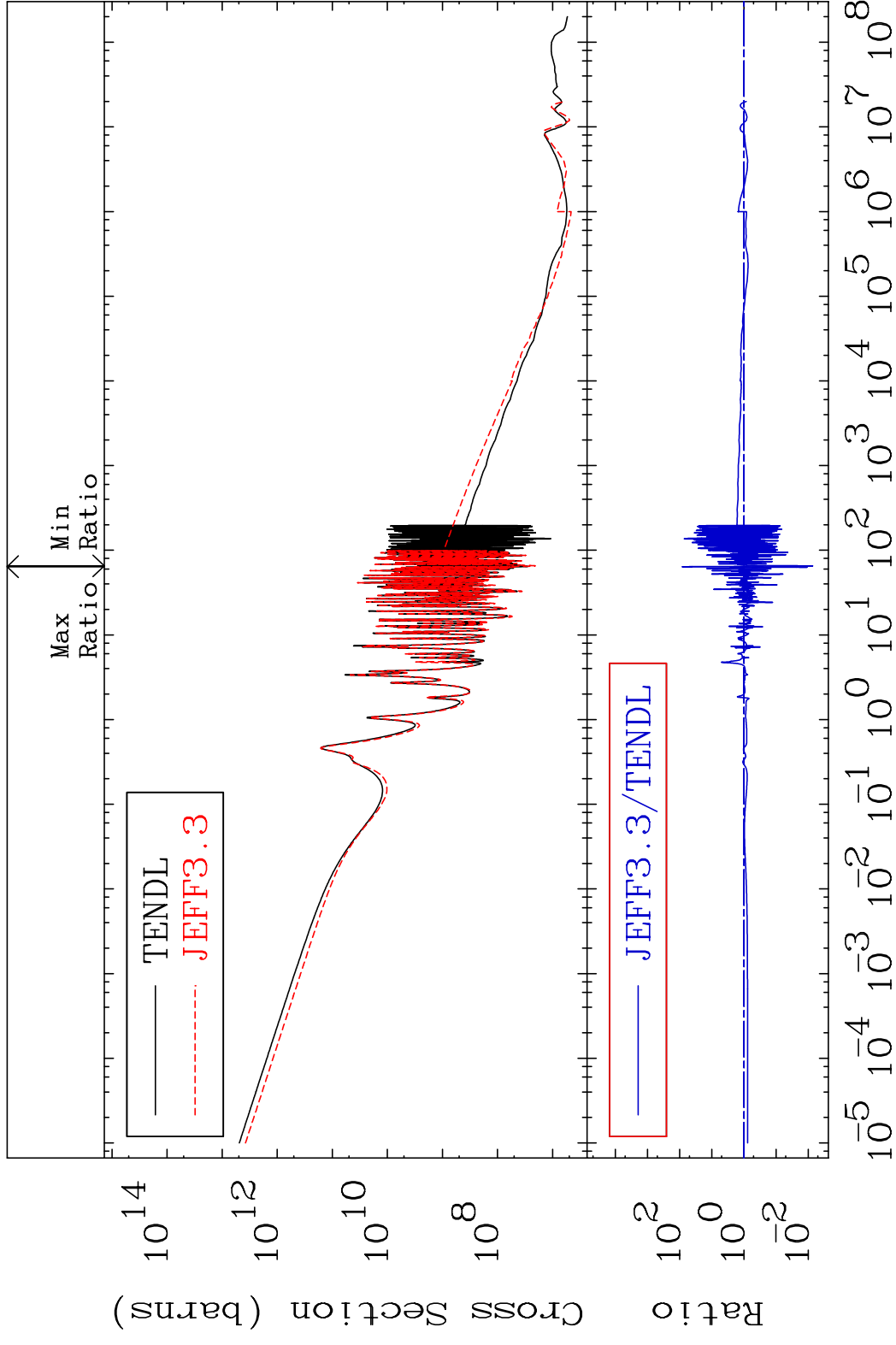


MAT 6325 Kerma capture (mt102) 63-Eu-151
 Cross Section -96.43 To 9999. %

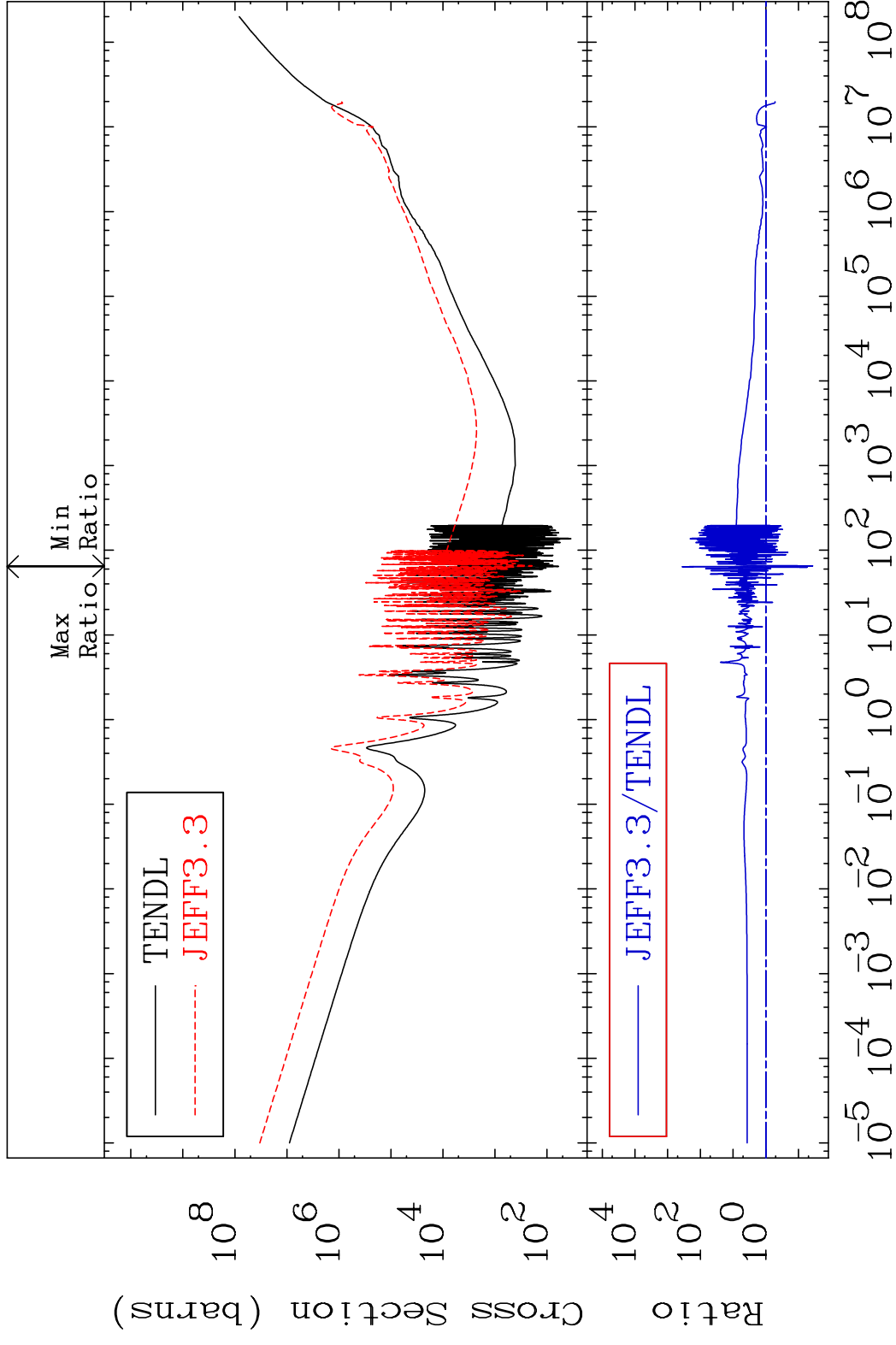


35 Incident Energy (eV) 63-Eu-151

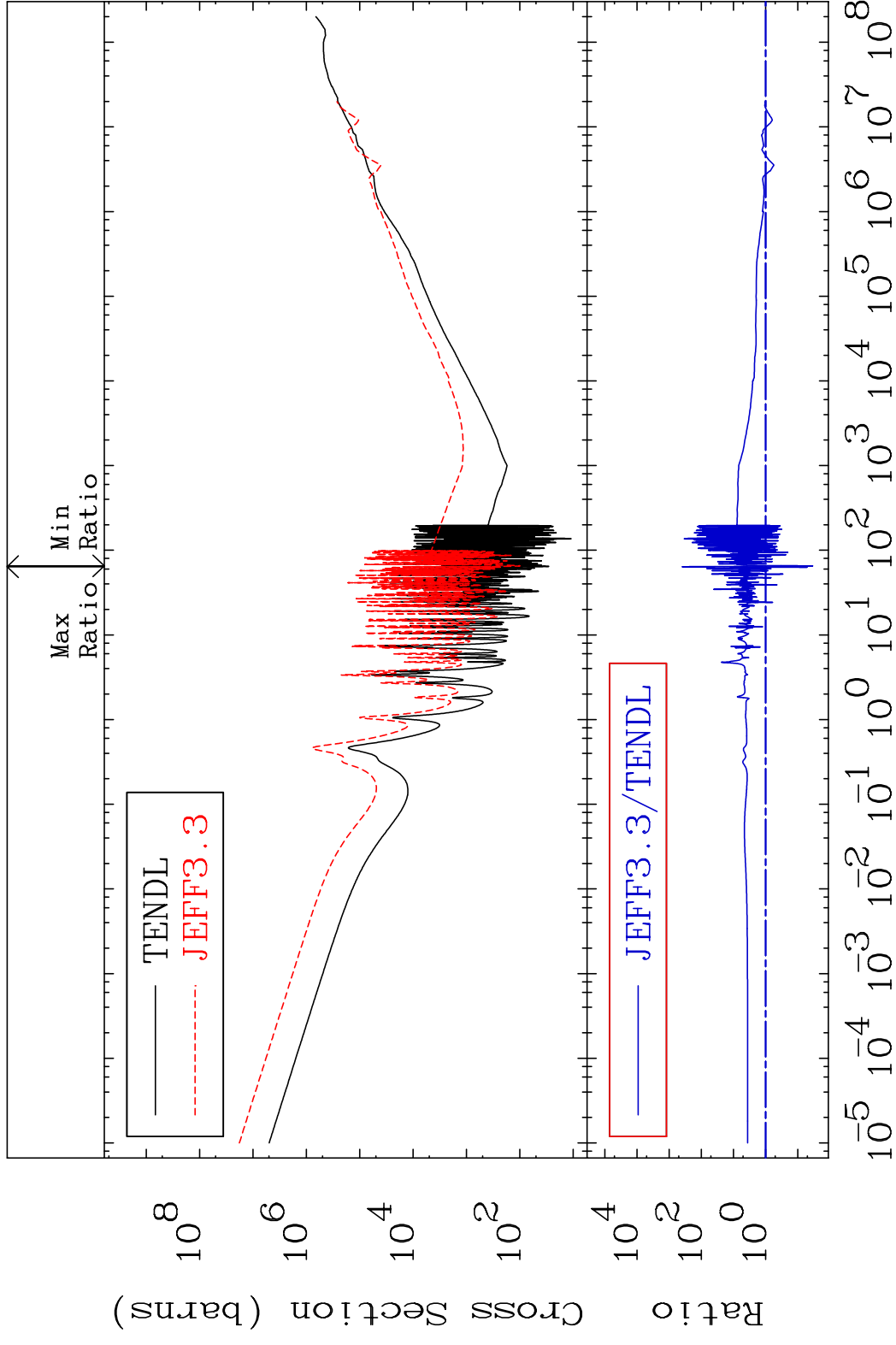
MAT 6325 Total photon (eV-barns) 63-Eu-151
 Cross Section -99.27 To 8173. %



MAT 6325 Total kinematic kerma (high limit) 63-Eu-151
 Cross Section -96.27 To 9999. %



MAT 6325 Dpa total (eV-barns) 63-Eu-151
 Cross Section -96.56 To 9999. %

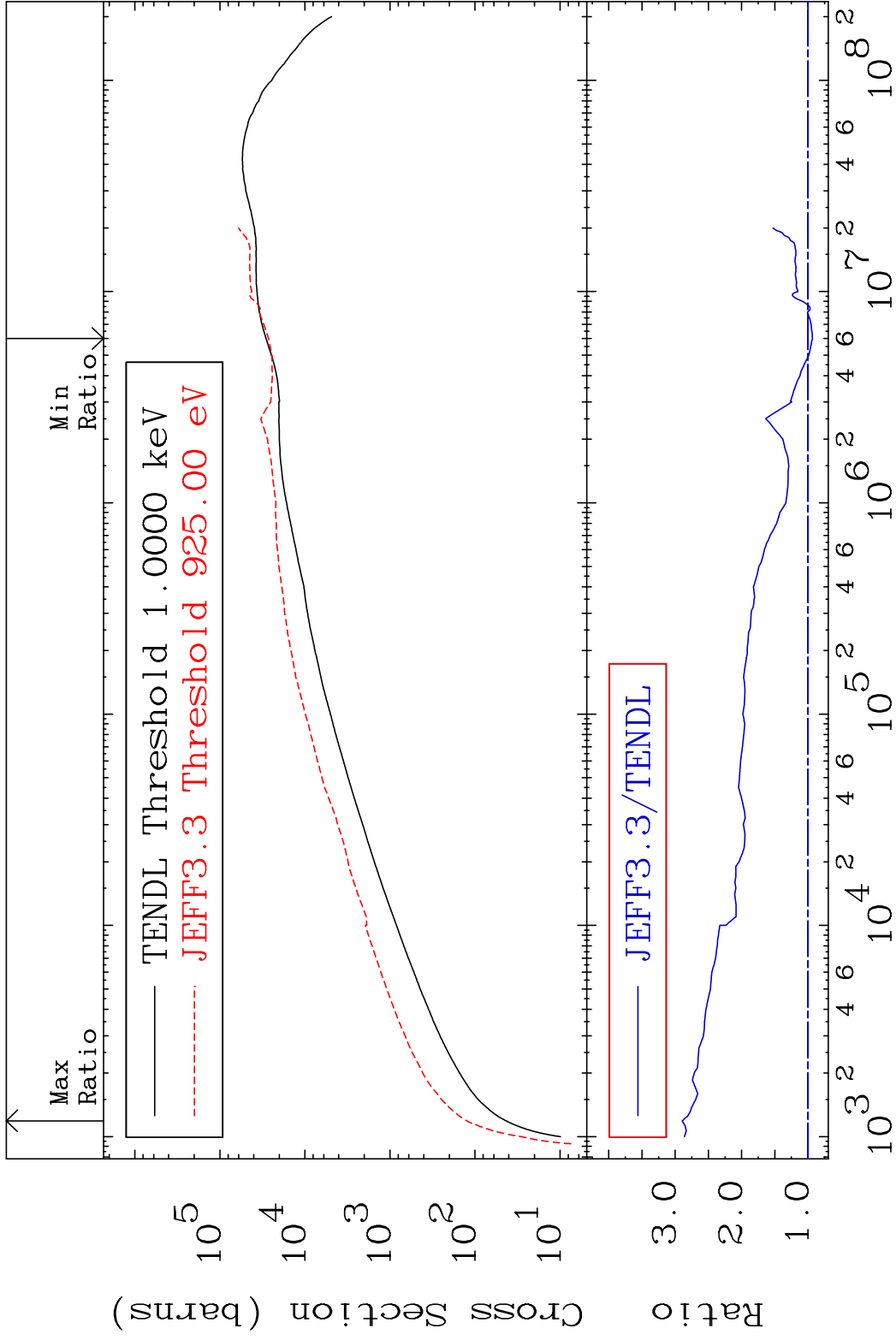


MAT 6325

Dpa elastic (mt2)

63-Eu-151

Cross Section -6.746 To 189.5 %

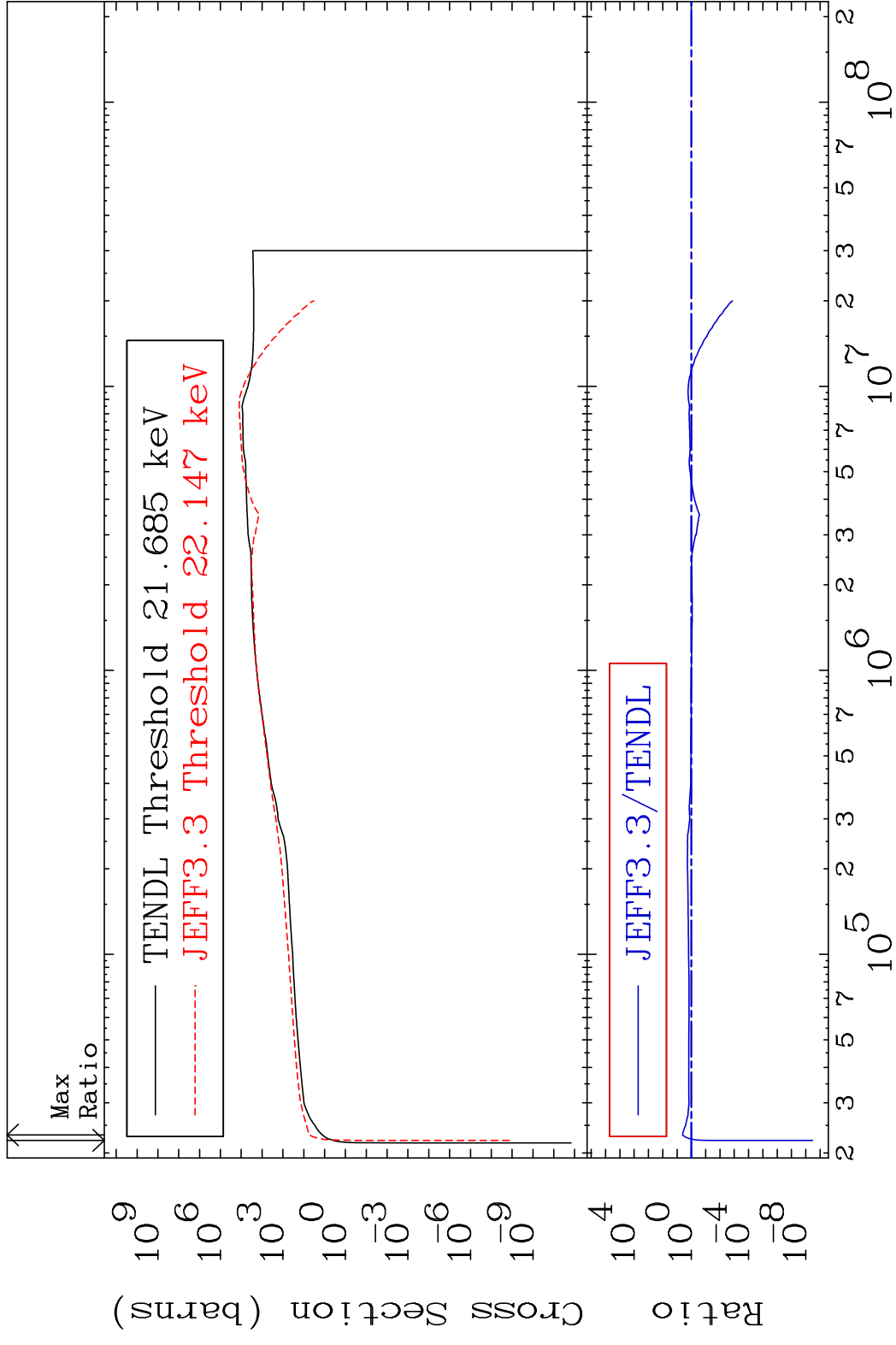


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Incident Energy (eV)

63-Eu-151

MAT 6325 Dpa inelastic (mt51-91) 63-Eu-151
 Cross Section -100.0 To 324.9 %



MAT 6325 Dpa disappearance (mt102 -120) 63-Eu-151
 Cross Section -96.56 To 9999. %

