

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

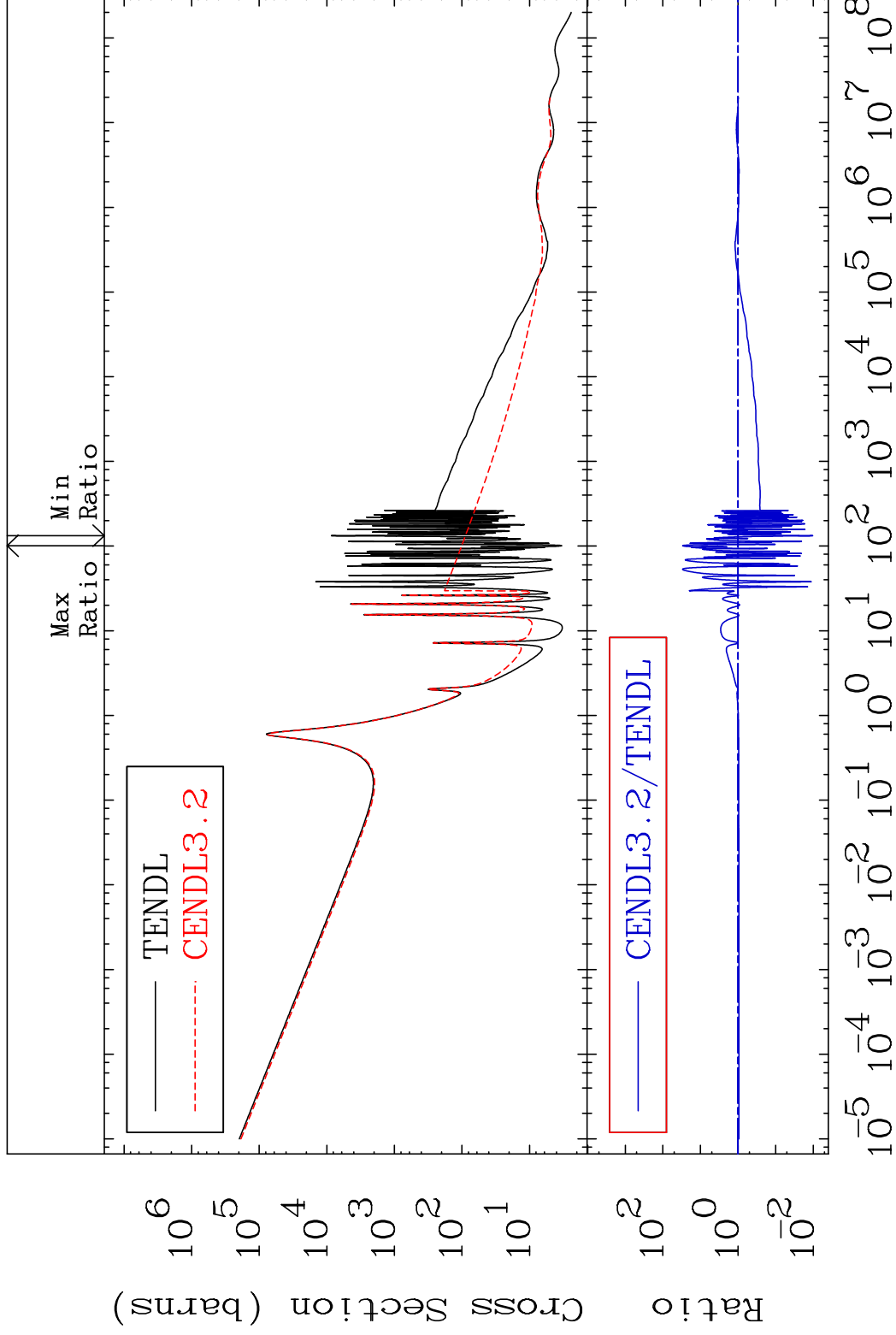
MAT 6337

Total

63-Eu-155

Cross Section

-98.96 To 2929. %



1

Incident Energy (eV)

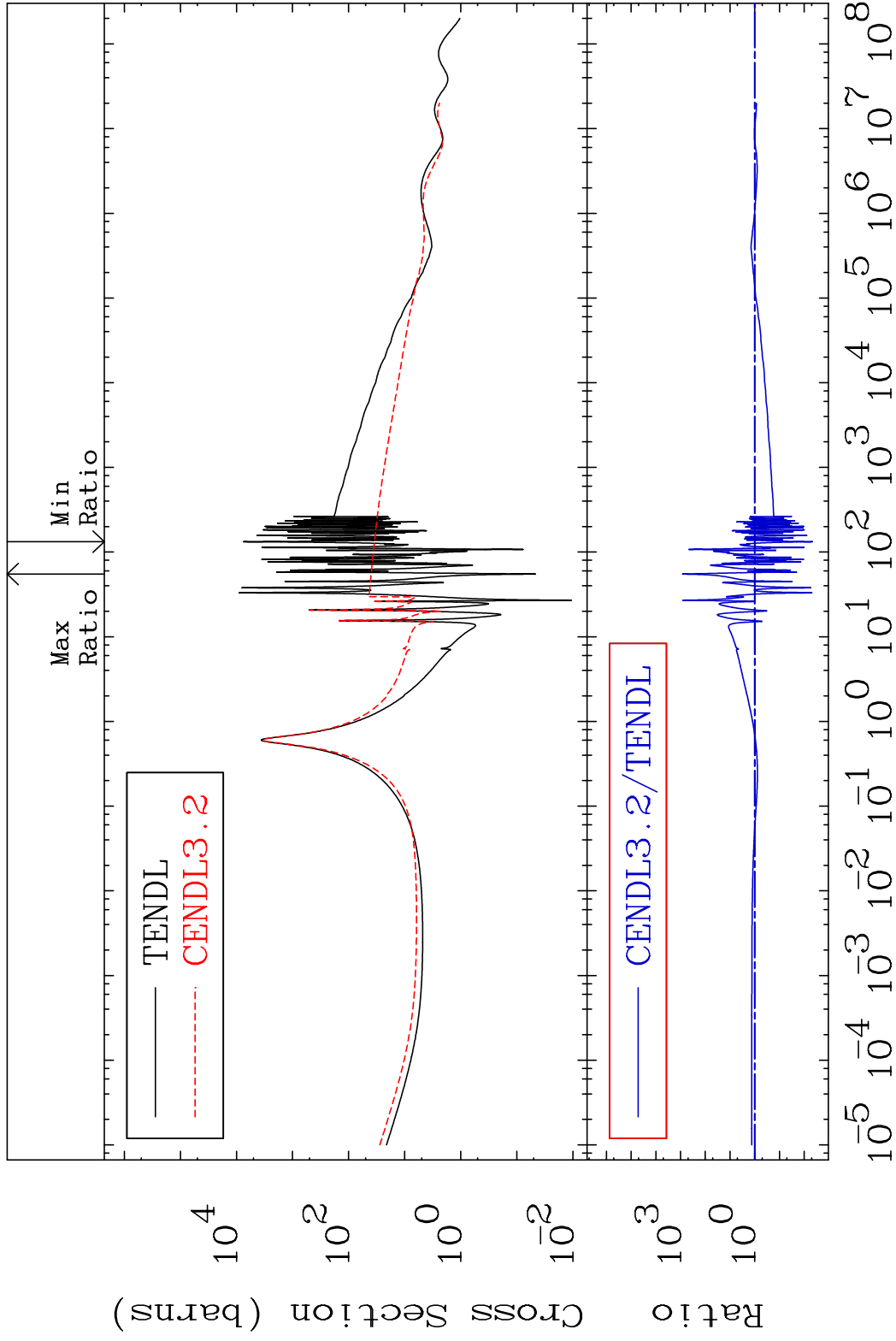
63-Eu-155

MAT 6337

Elastic

63-Eu-155

Cross Section -99.54 To 9999. %

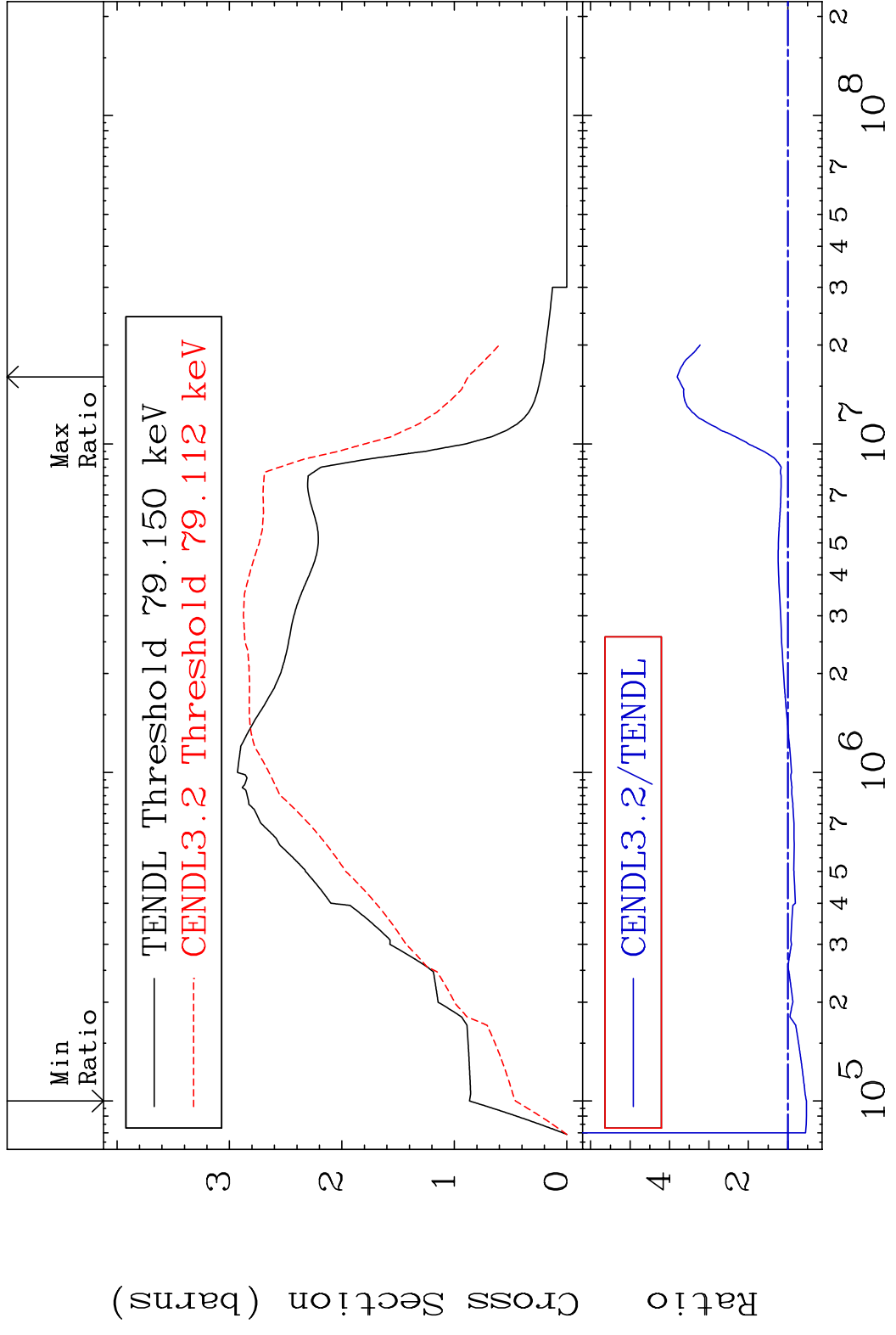


2

Incident Energy (eV)

63-Eu-155

MAT 6337 Inelastic 63-Eu-155
 Cross Section -47.08 To 280.6 %



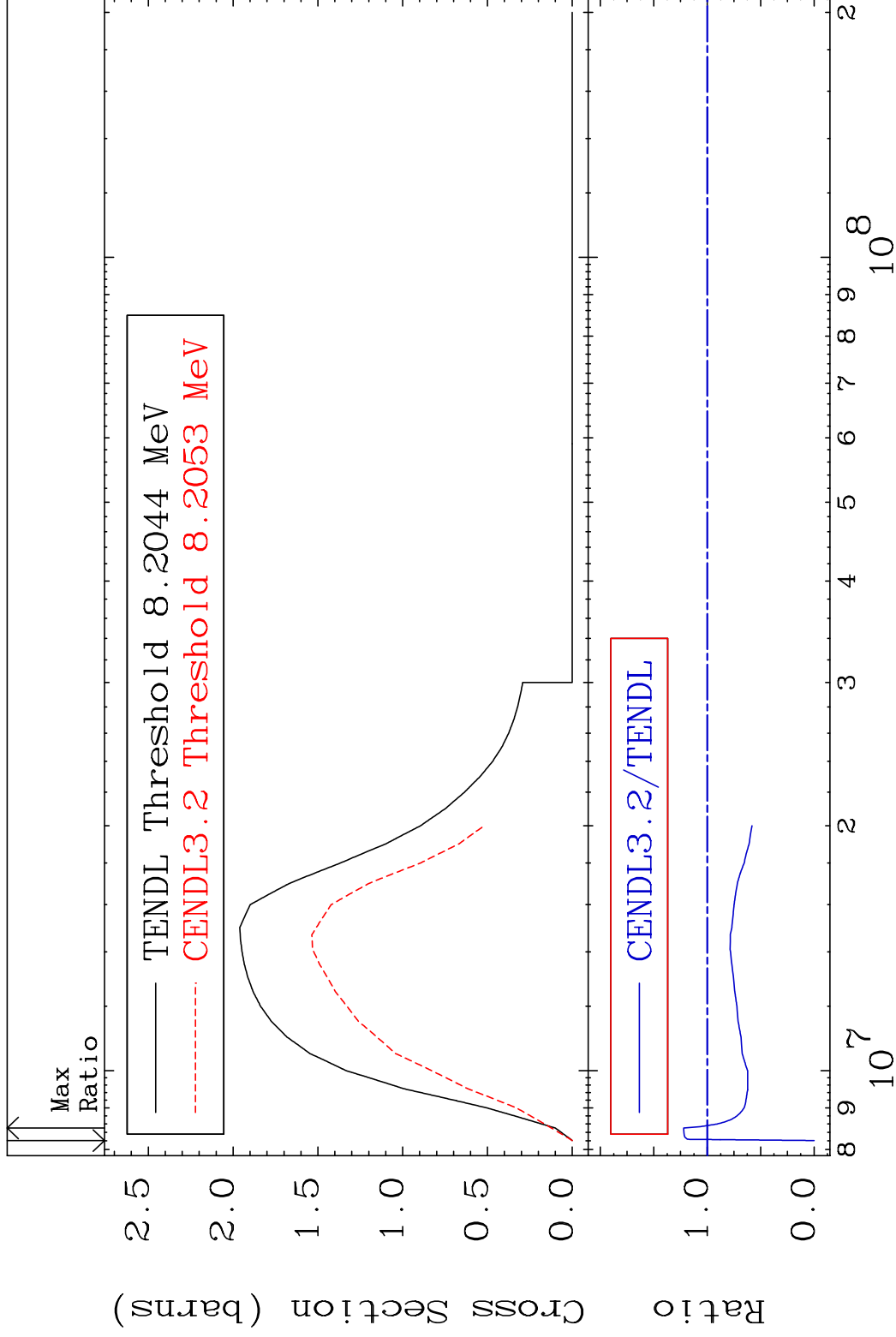
3 Incident Energy (eV) 63-Eu-155

MAT 6337

(n,2n)

63-Eu-155

Cross Section -100.0 To 22.06 %



4

Incident Energy (eV)

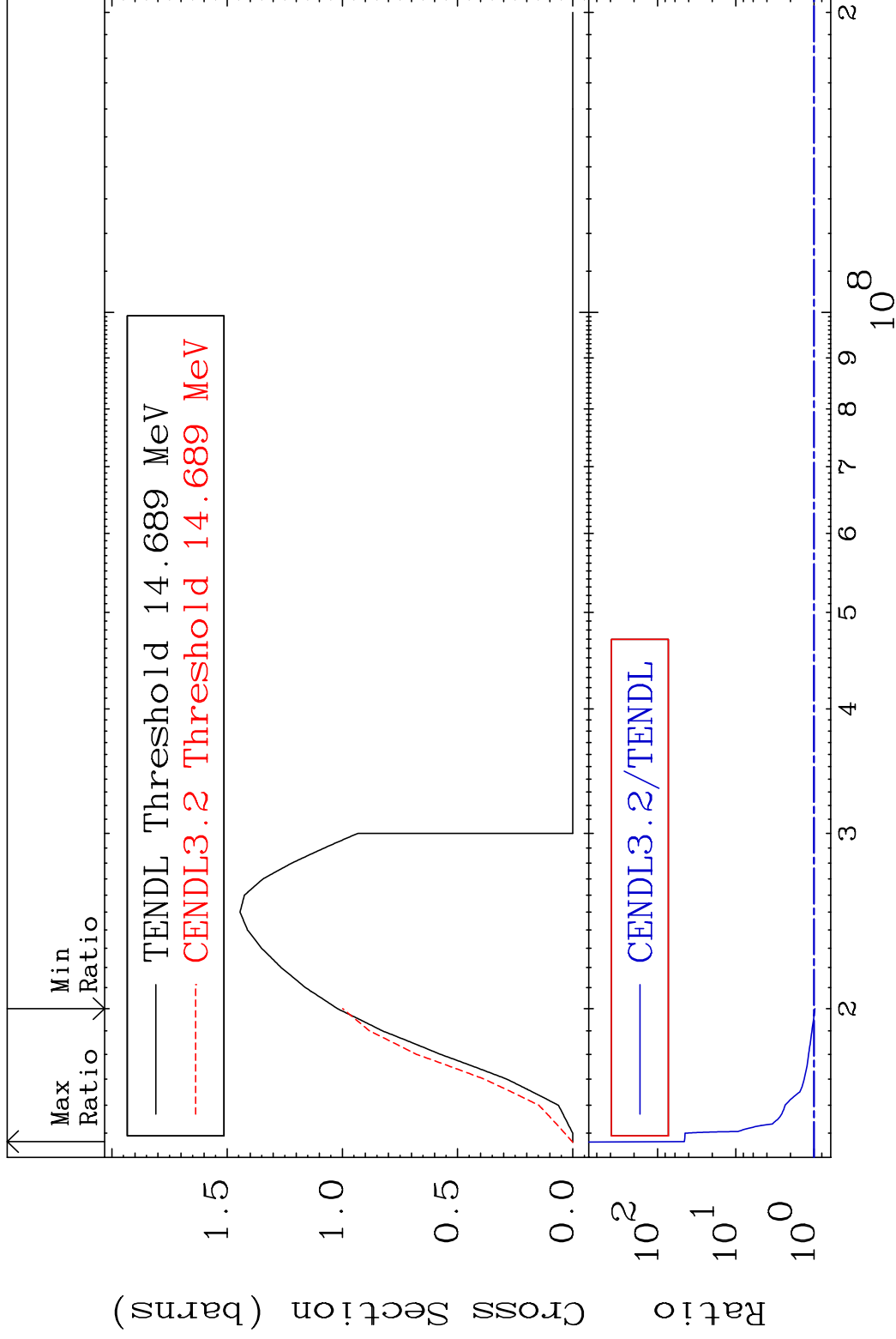
63-Eu-155

MAT 6337

(n,3n)

63-Eu-155

Cross Section -2.226 To 4460. %

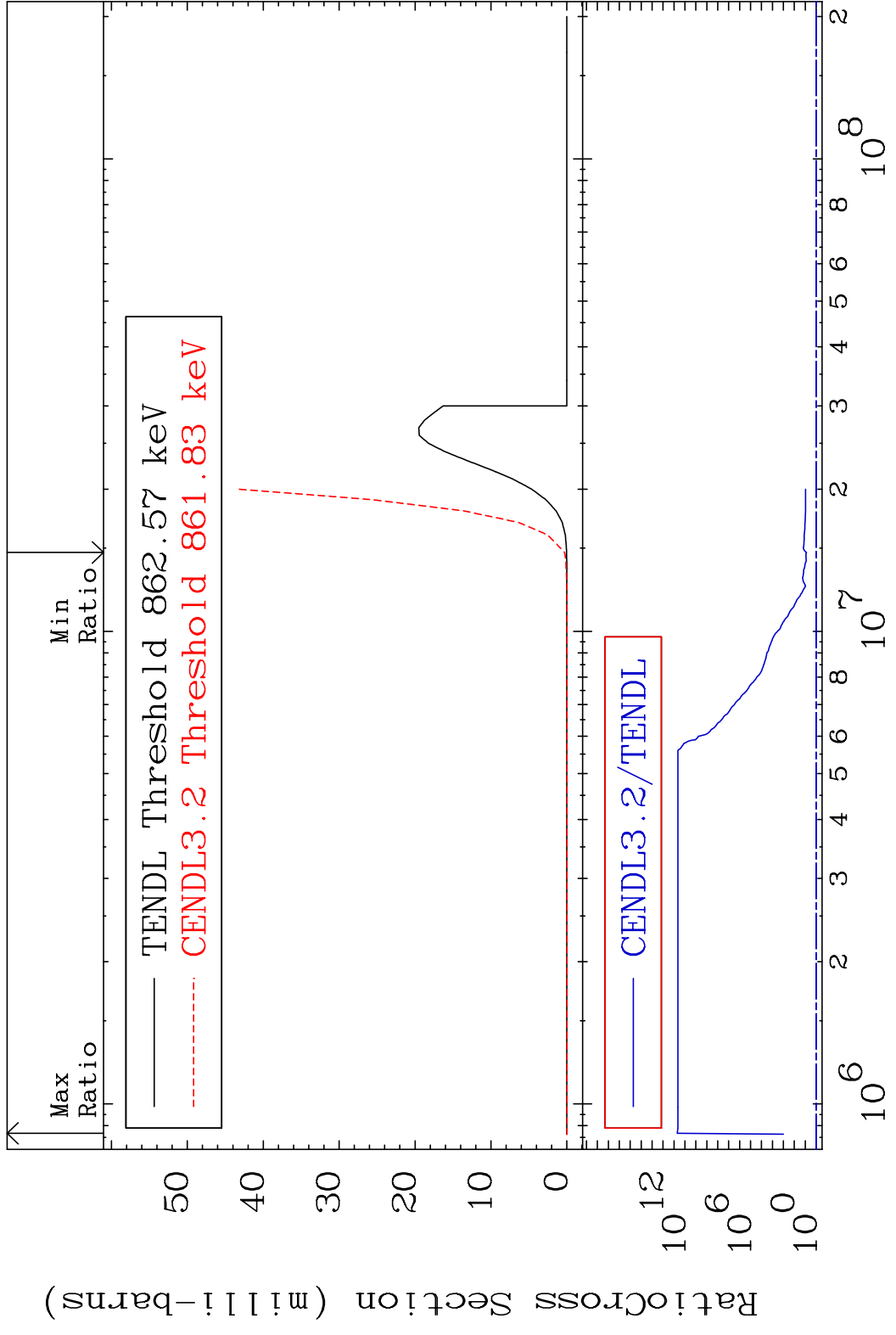


5

Incident Energy (eV)

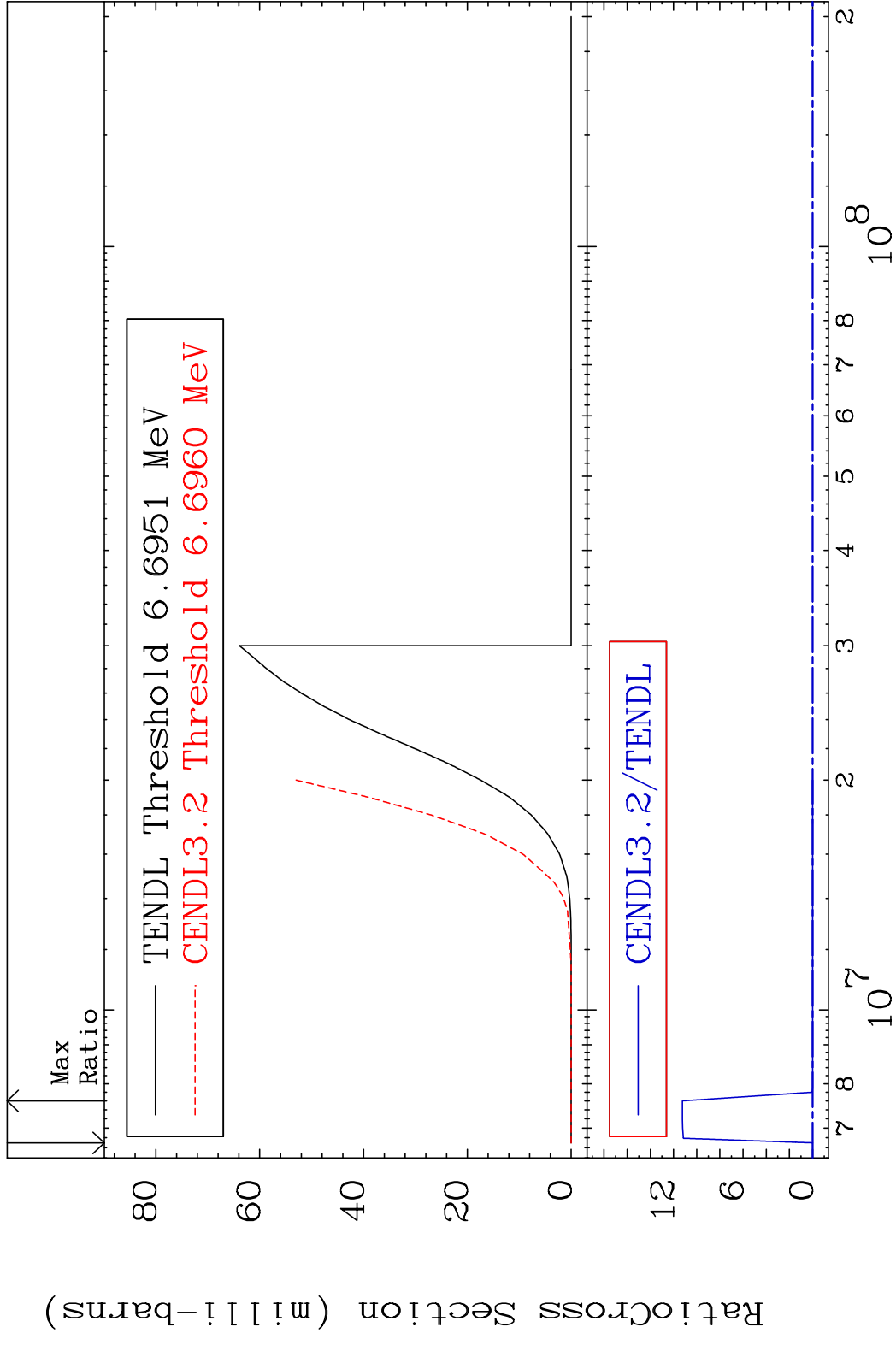
63-Eu-155

MAT 6337 (n, n') α 63-Eu-155
 Cross Section 688.0 To 9999. %

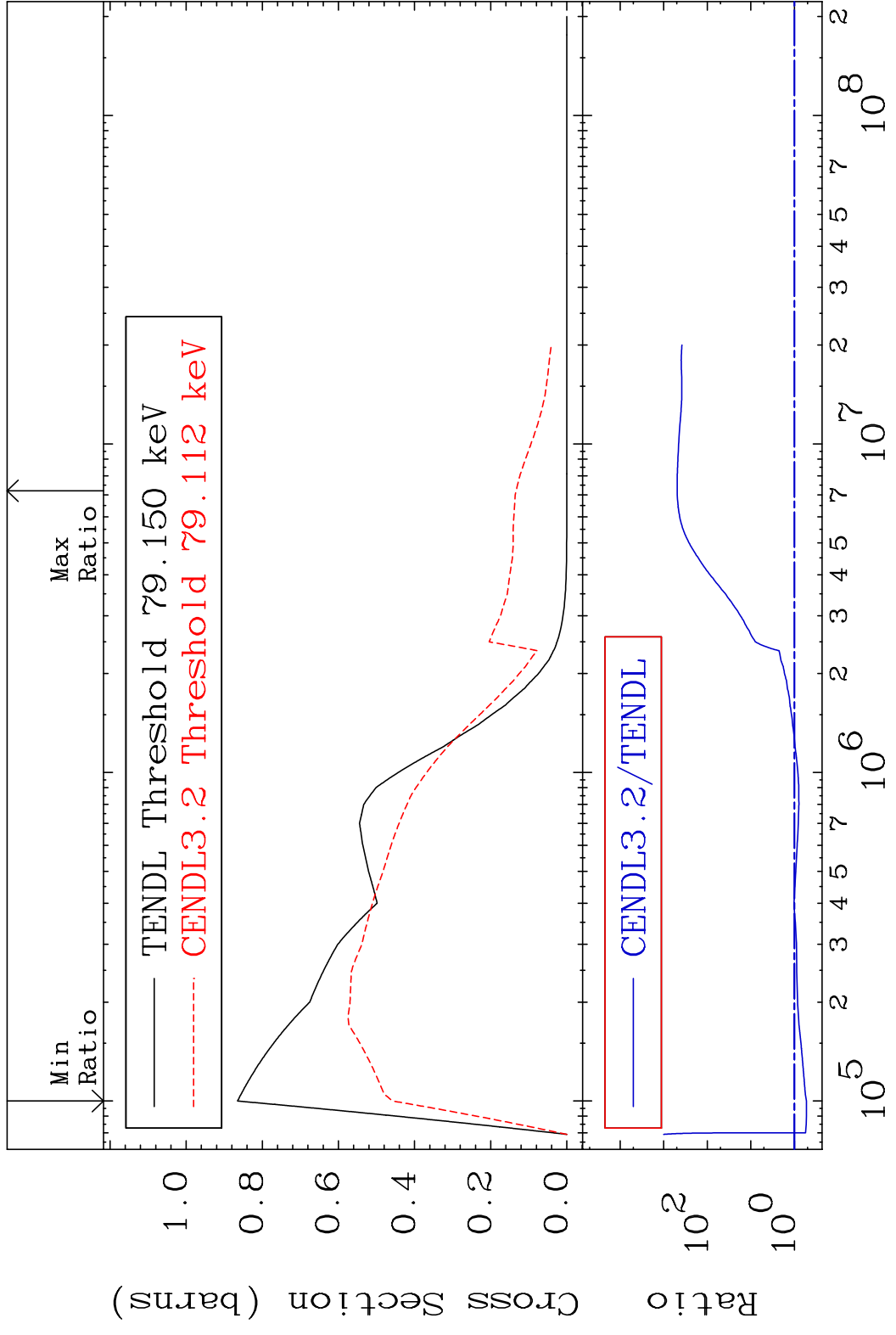


6 Incident Energy (eV) 63-Eu-155

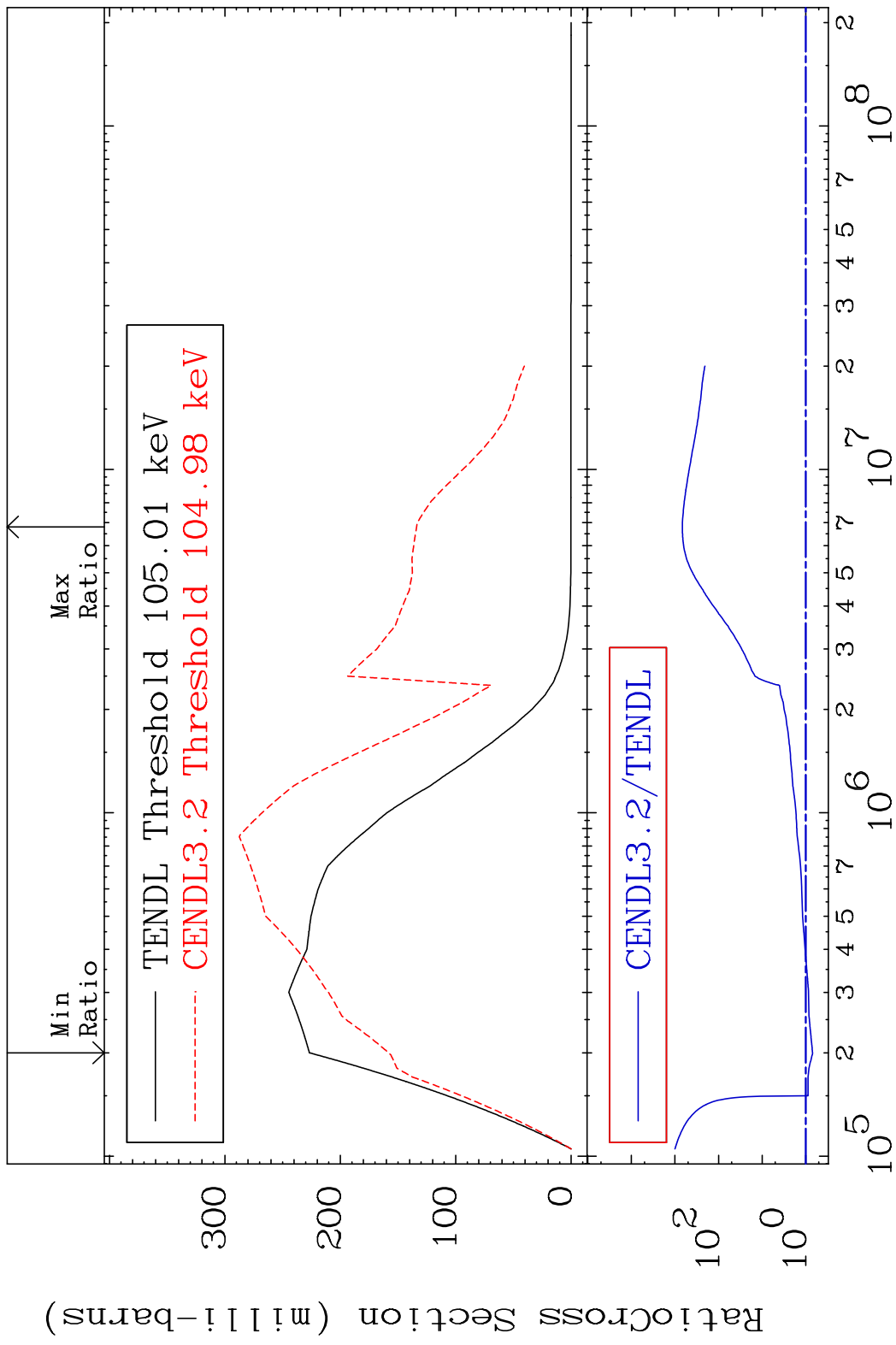
MAT 6337 (n, n') p 63-Eu-155
 Cross Section -100.0 To 9999. %



MAT 6337 MT= 51 (n, n') Level 63-Eu-155
 Cross Section -47.08 To 9999. %

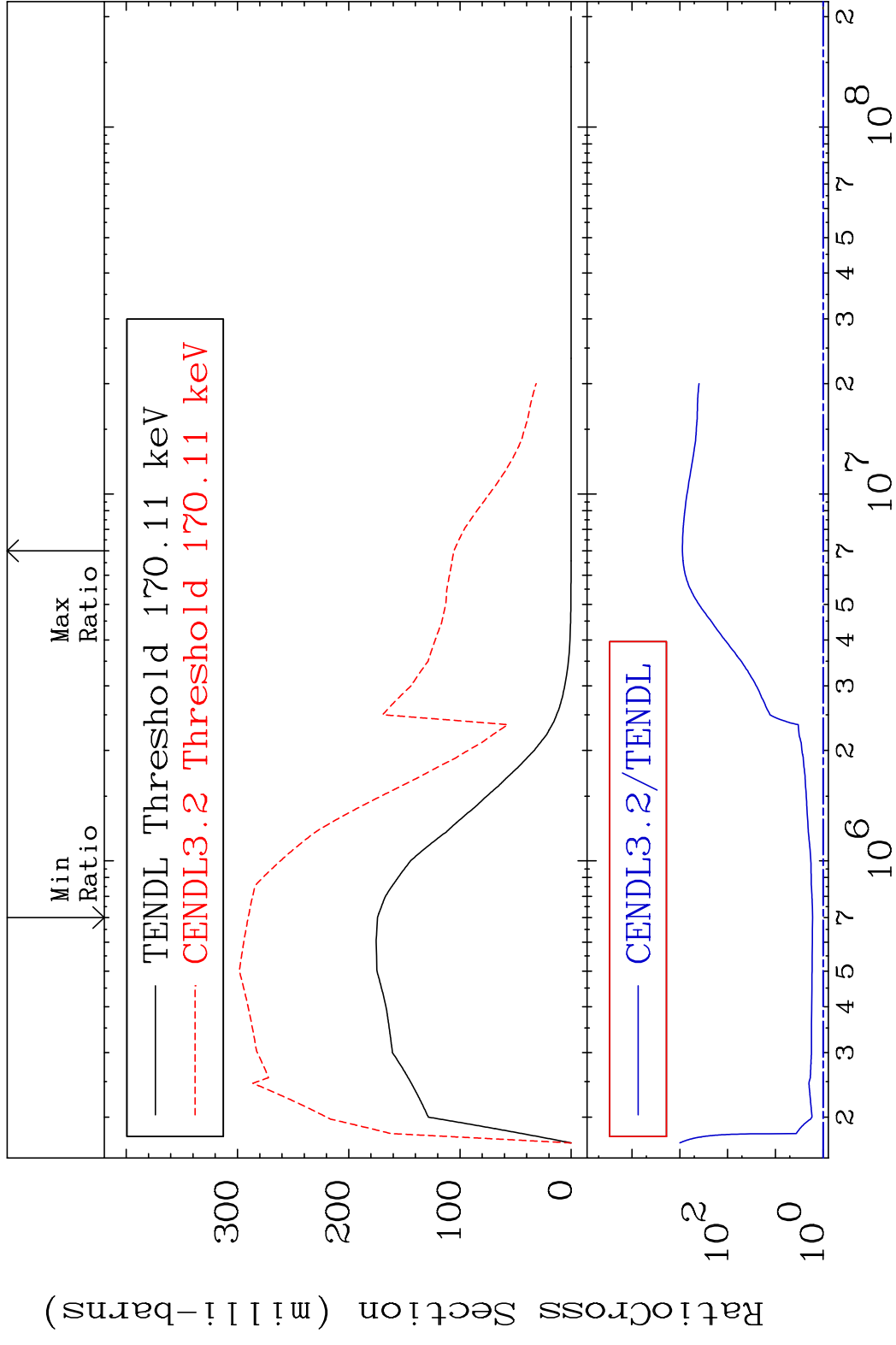


MAT 6337 MT= 52 (n, n') Level 63-Eu-155
 Cross Section -30.27 To 9999. %



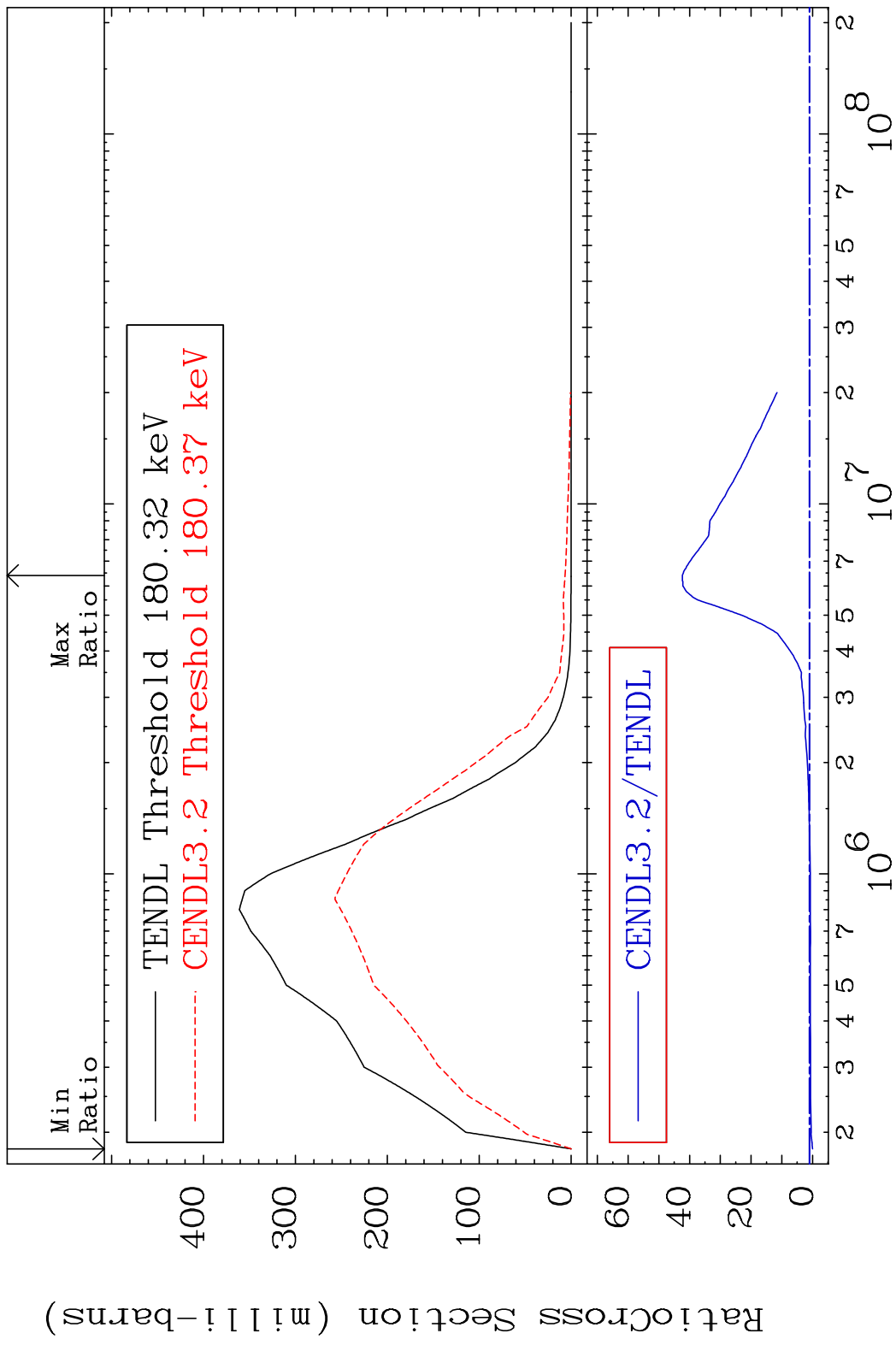
9 Incident Energy (eV) 63-Eu-155

MAT 6337 MT= 53 (n, n') Level 63-Eu-155
 Cross Section 66.72 To 9999. %

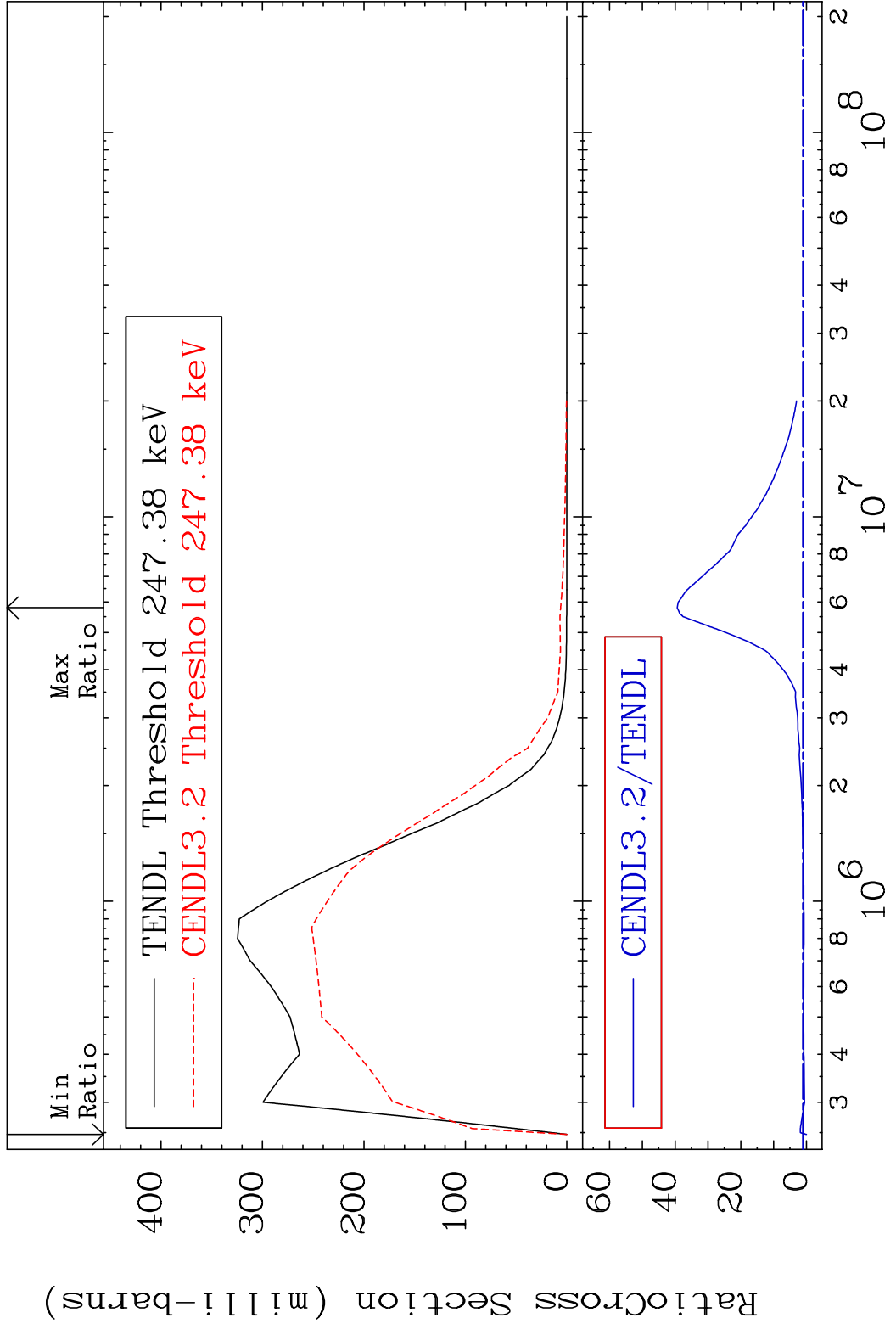


10 Incident Energy (eV) 63-Eu-155

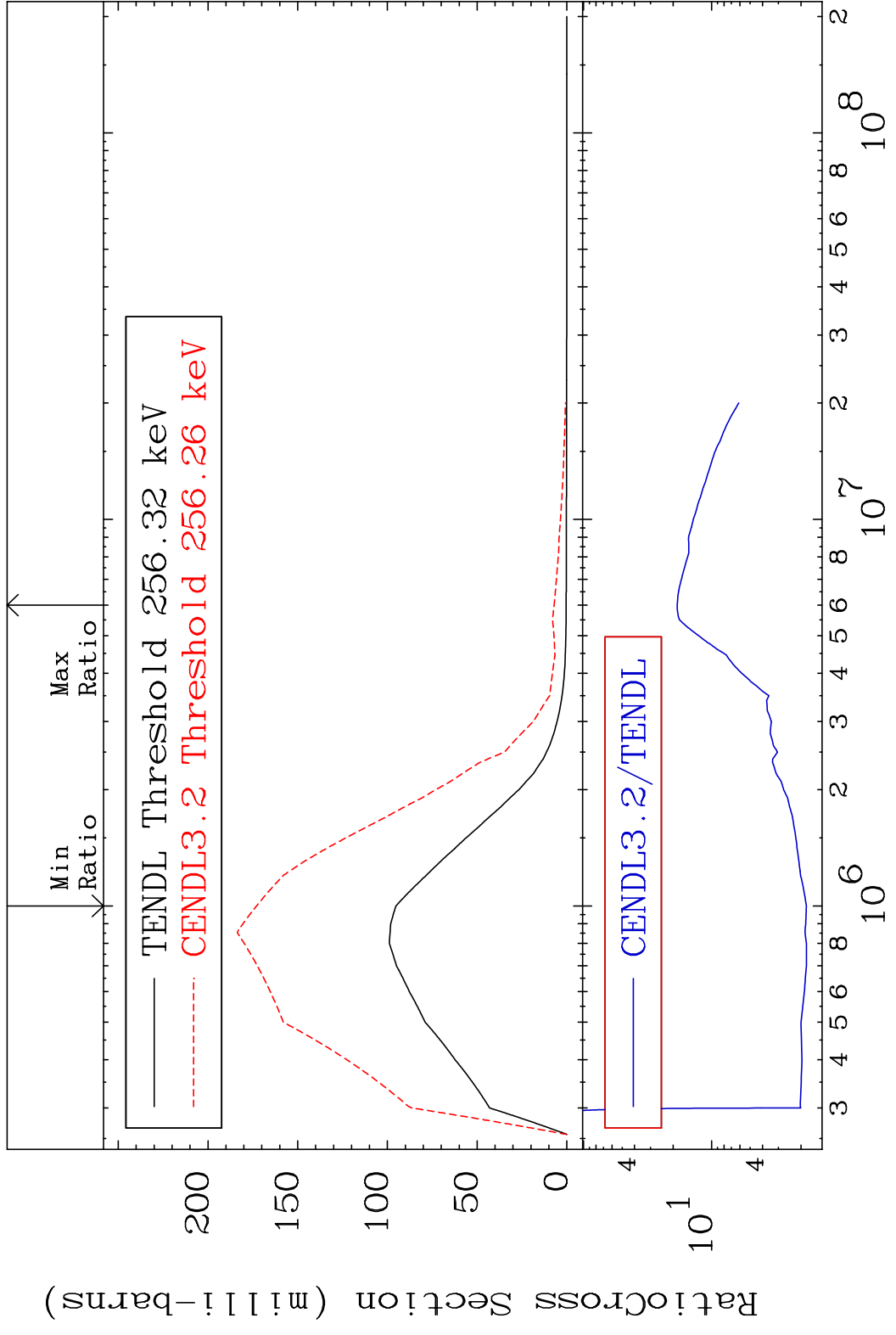
MAT 6337 MT= 54 (n, n') Level 63-Eu-155
 Cross Section -100.0 To 4136. %



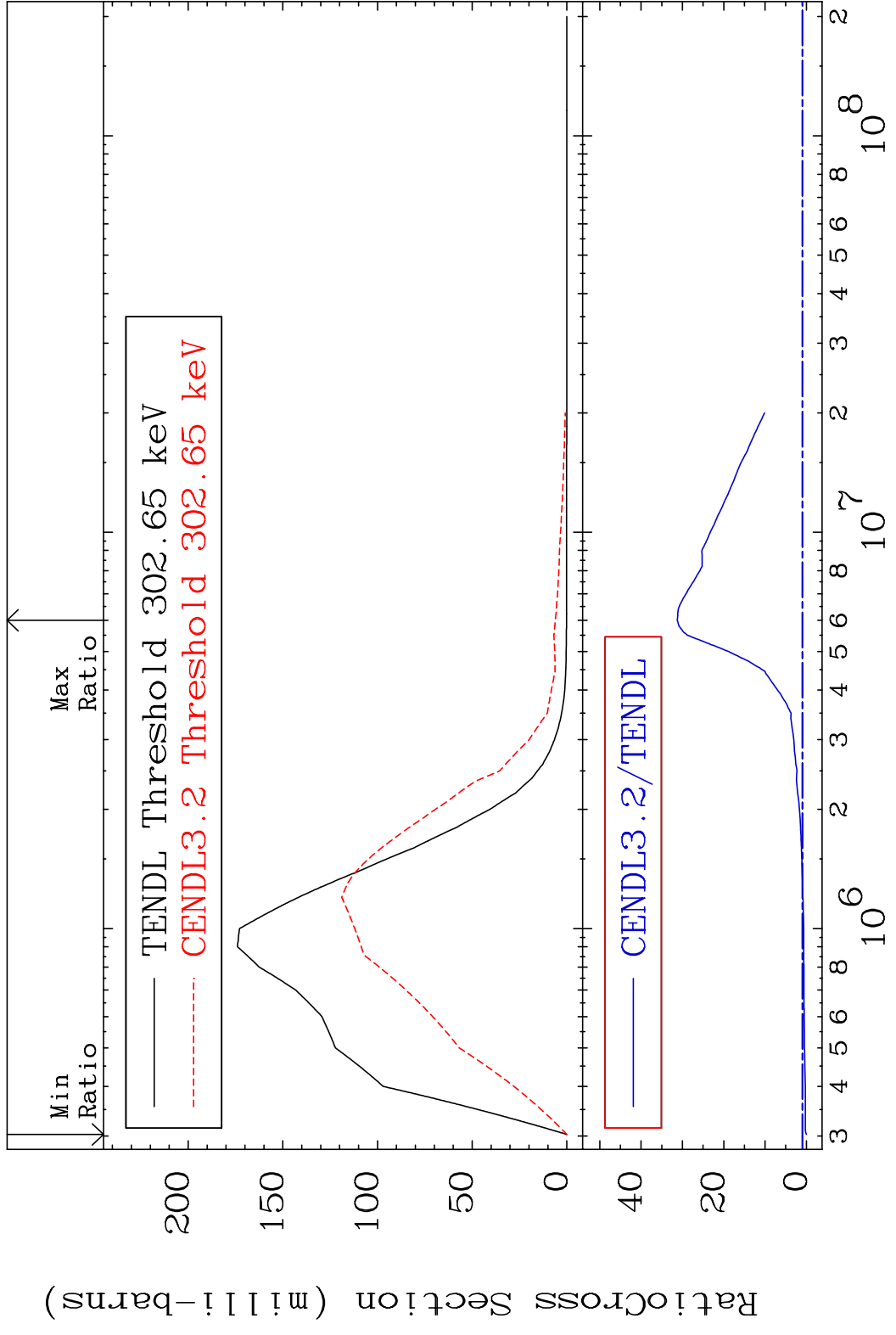
MAT 6337 MT= 55 (n, n') Level 63-Eu-155
 Cross Section -100.0 To 3839. %



MAT 6337 MT= 56 (n, n') Level 63-Eu-155
 Cross Section 81.55 To 1757. %



MAT 6337 MT= 57 (n, n') Level 63-Eu-155
 Cross Section -100.0 To 3026. %

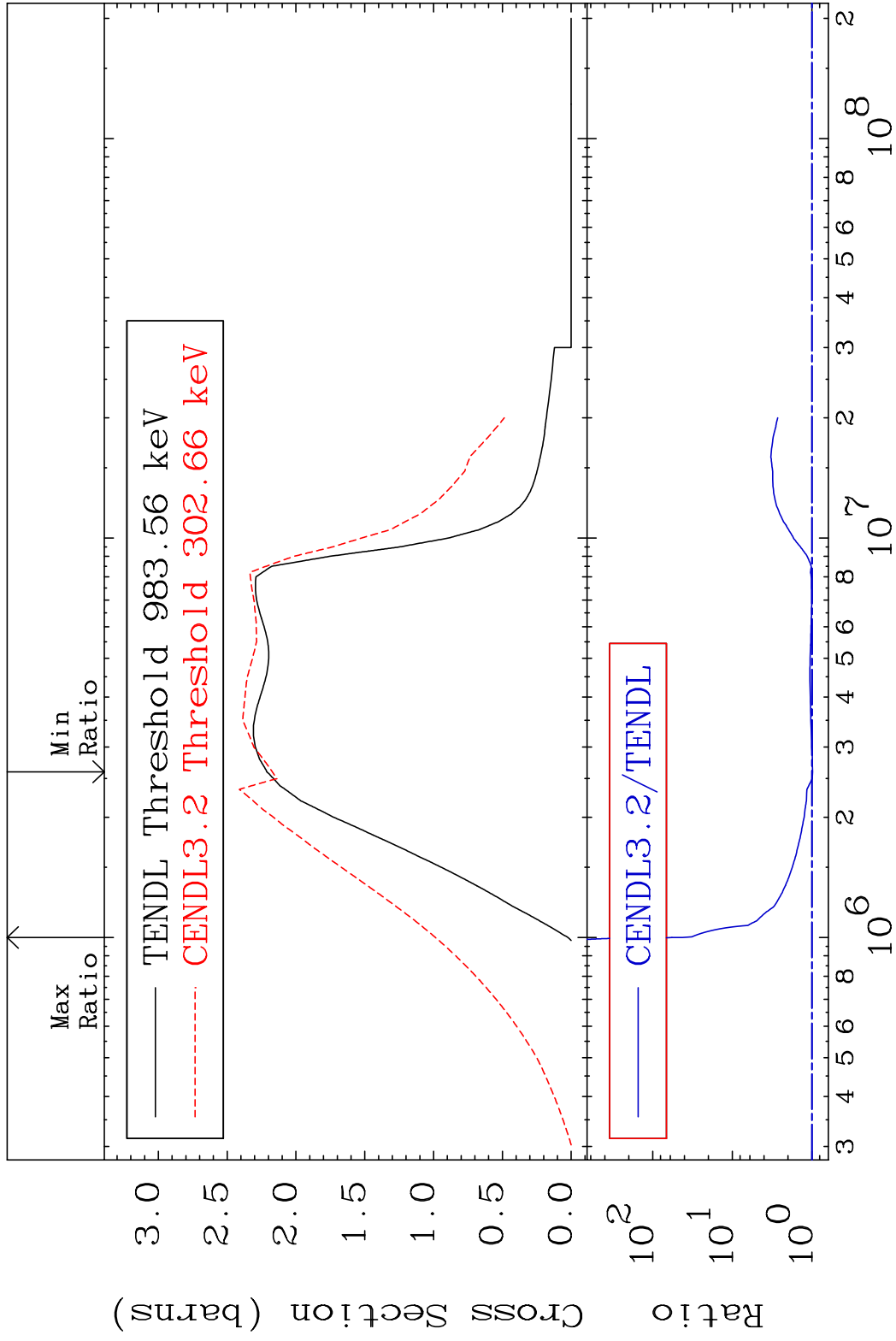


MAT 6337

(n, n') Continuum

63-Eu-155

Cross Section -1.746 To 4143. %



15

Incident Energy (eV)

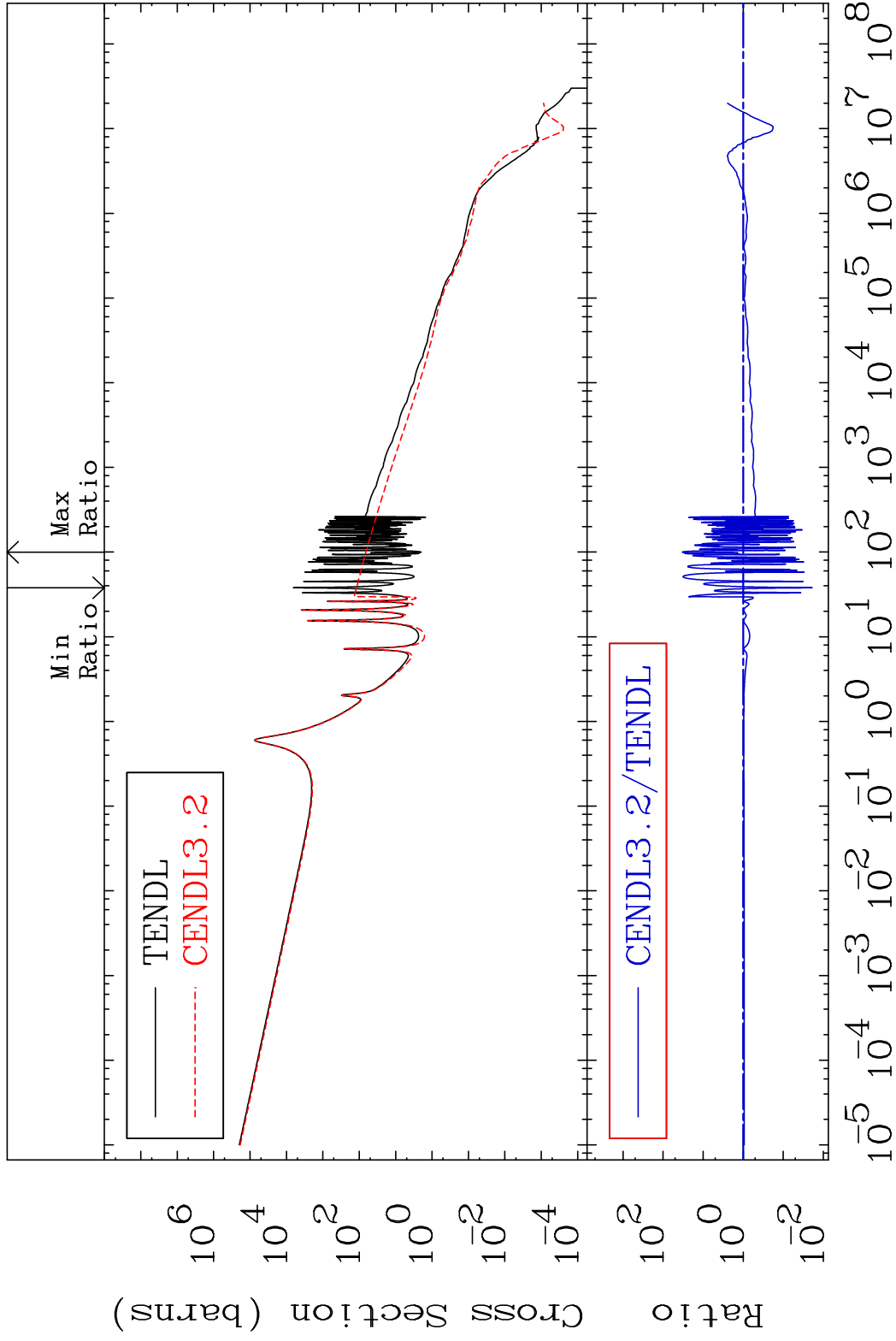
63-Eu-155

MAT 6337

(n, γ)

63-Eu-155

Cross Section -98.15 To 3204. %

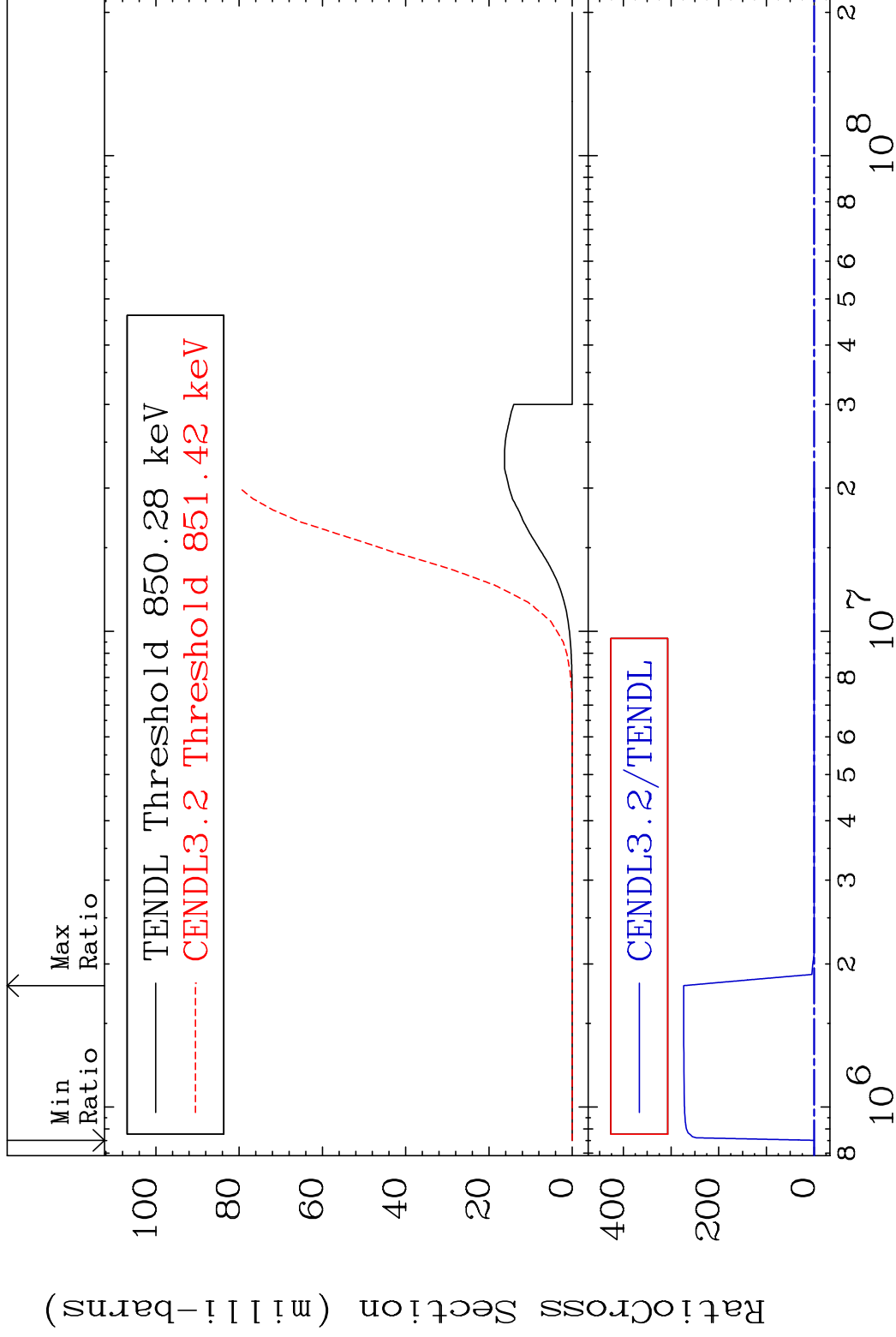


MAT 6337

(n,p)

63-Eu-155

Cross Section -100.0 To 9999. %

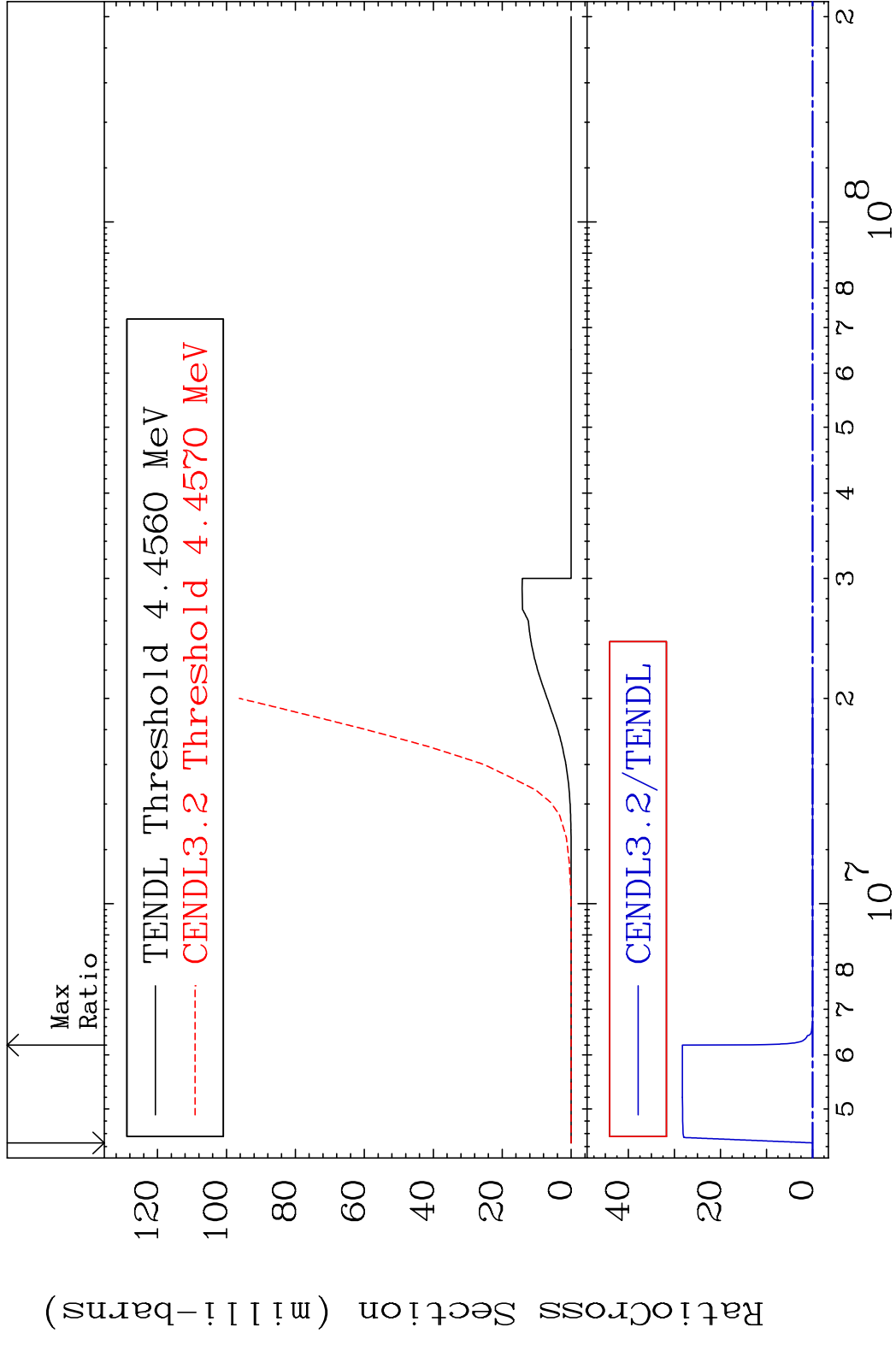


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Incident Energy (eV)

63-Eu-155

MAT 6337 (n,d) 63-Eu-155
 Cross Section -100.0 To 9999. %

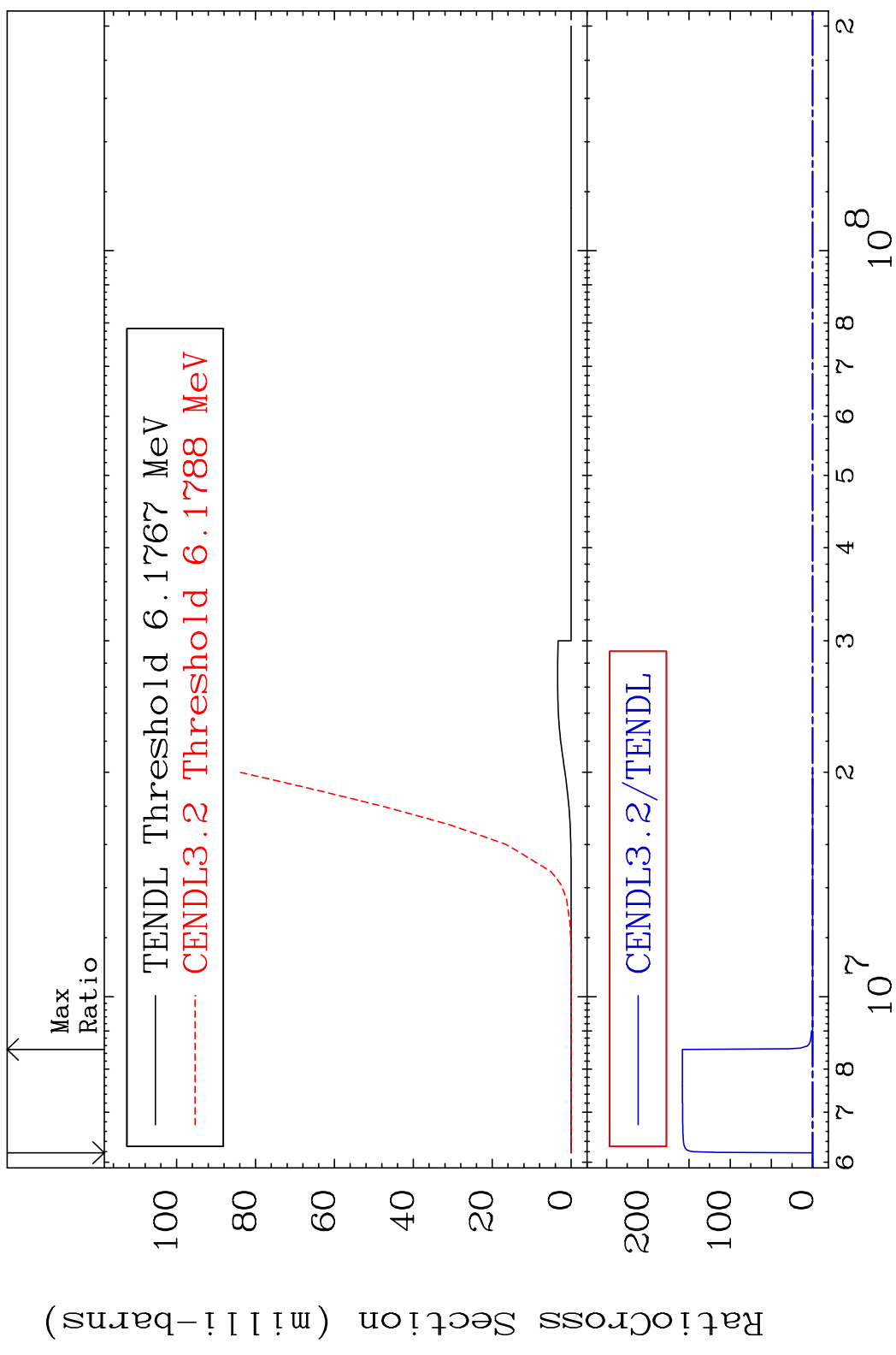


MAT 6337

(n, t)

63-Eu-155

Cross Section -100.0 To 9999. %



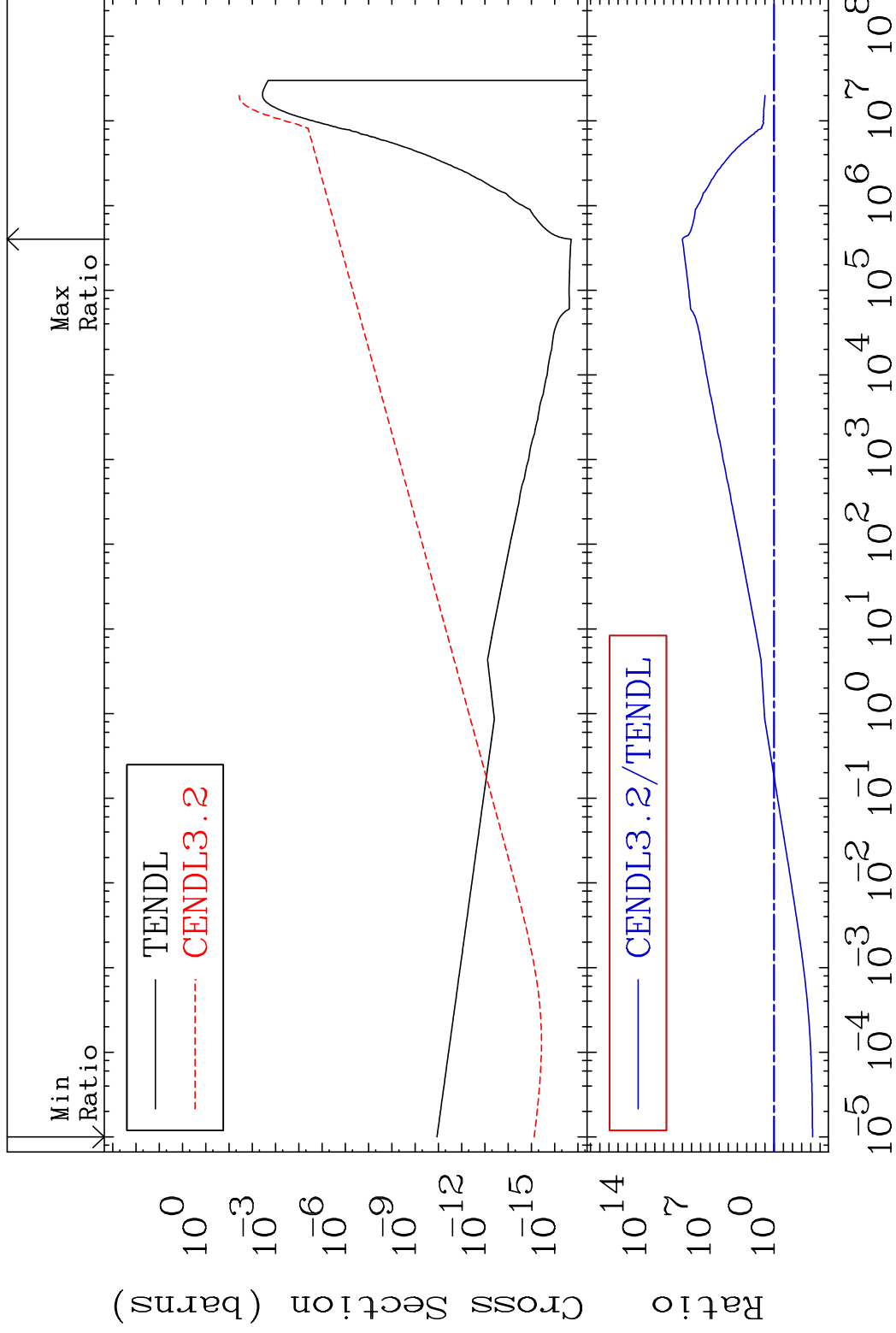
MAT 6337

(n, α)

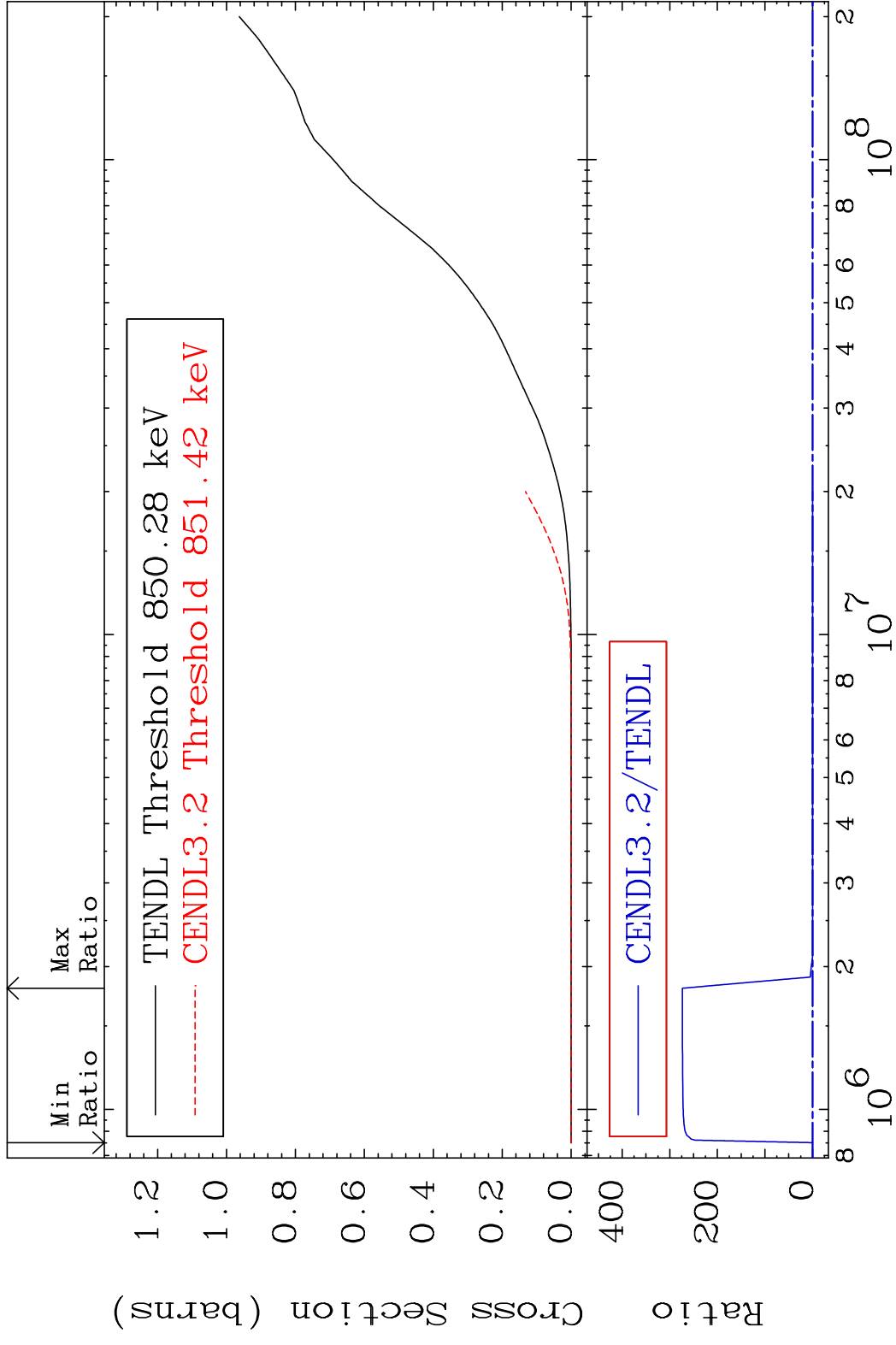
63-Eu-155

Cross Section

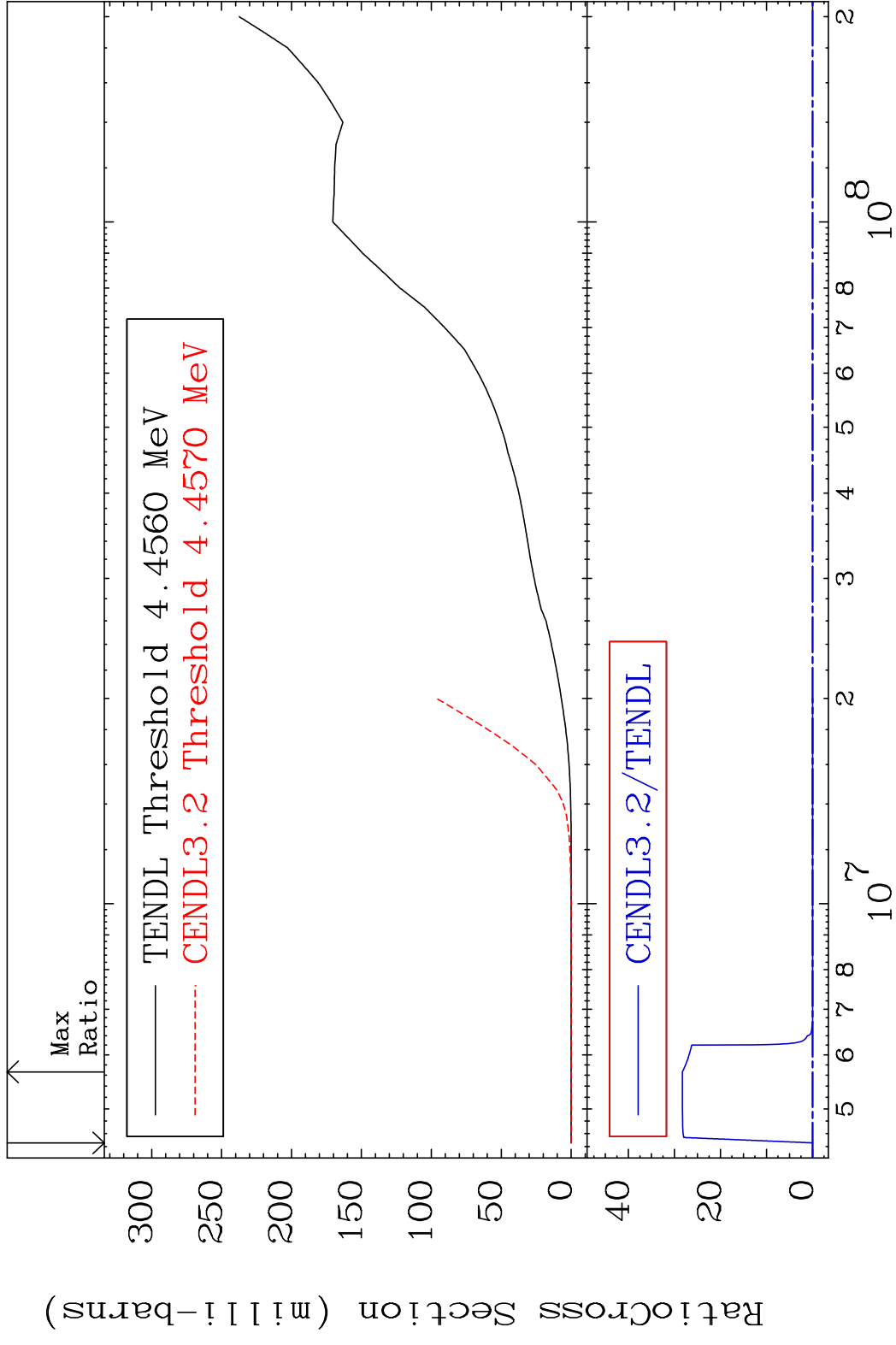
-99.99 To 9999. %



MAT 6337 Hydrogen Production 63-Eu-155
 Cross Section -100.0 To 9999. %



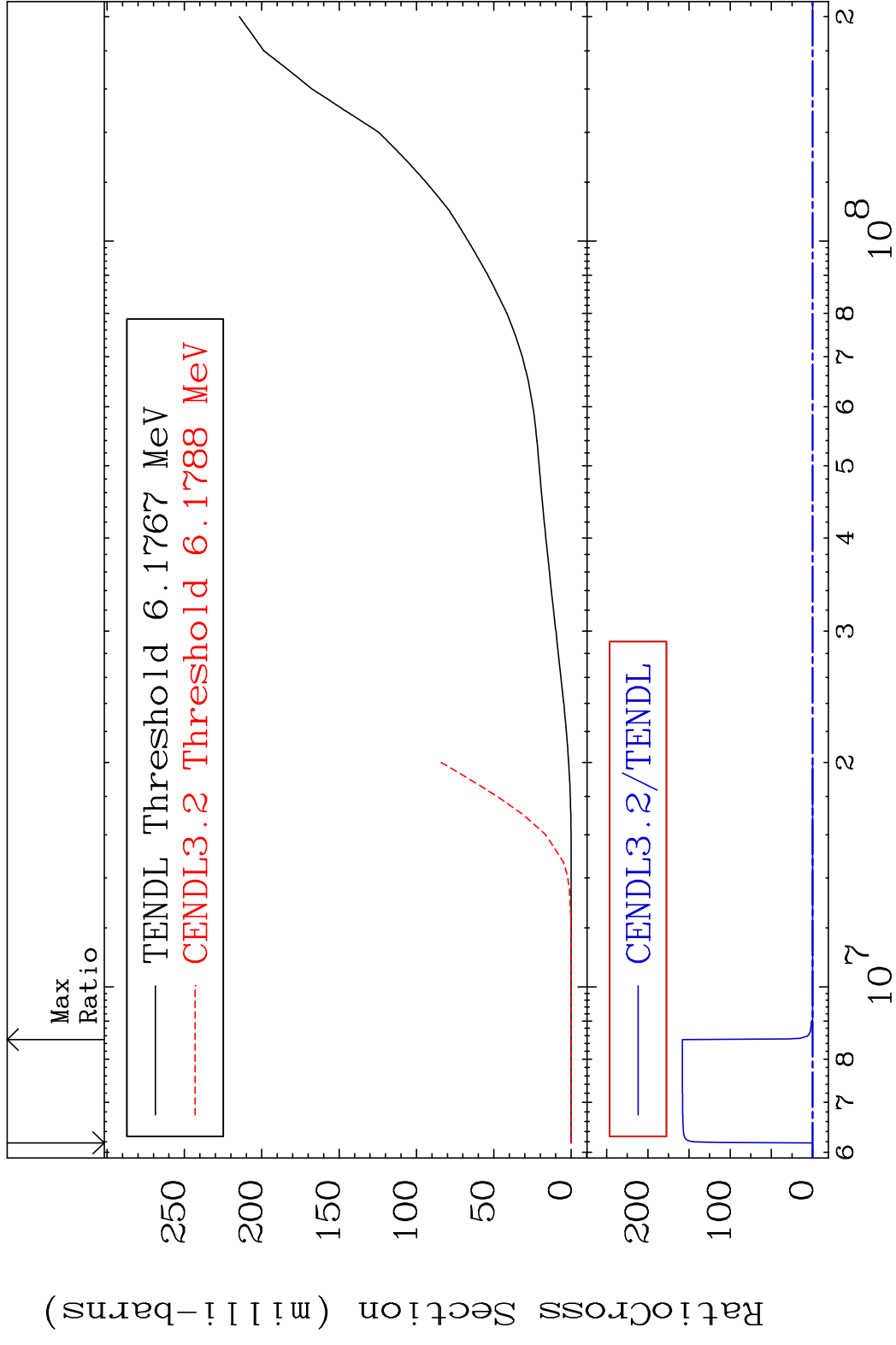
MAT 6337 Deuterium Production 63-Eu-155
 Cross Section -100.0 To 9999. %



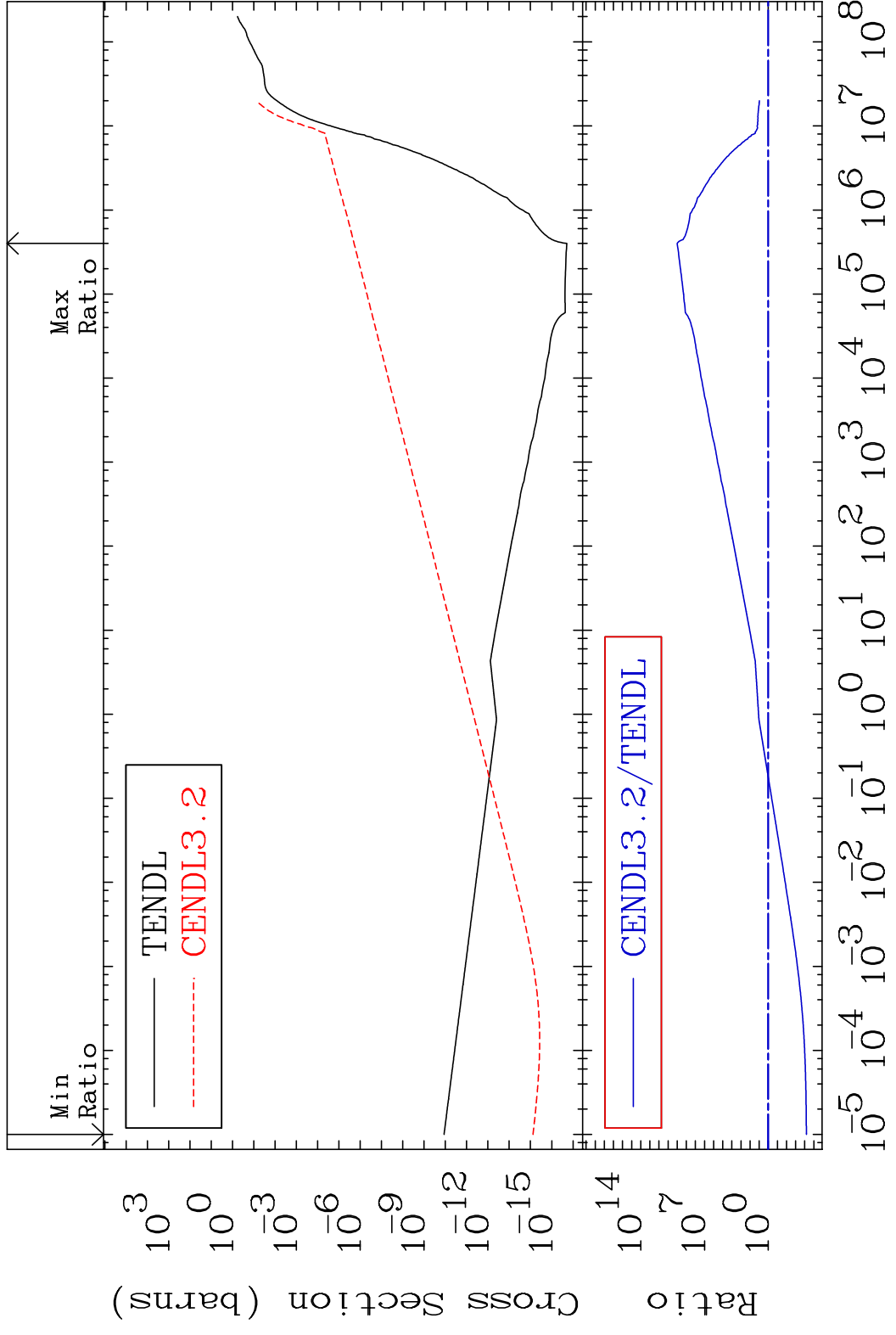
MAT 6337

Tritium Production 63-Eu-155

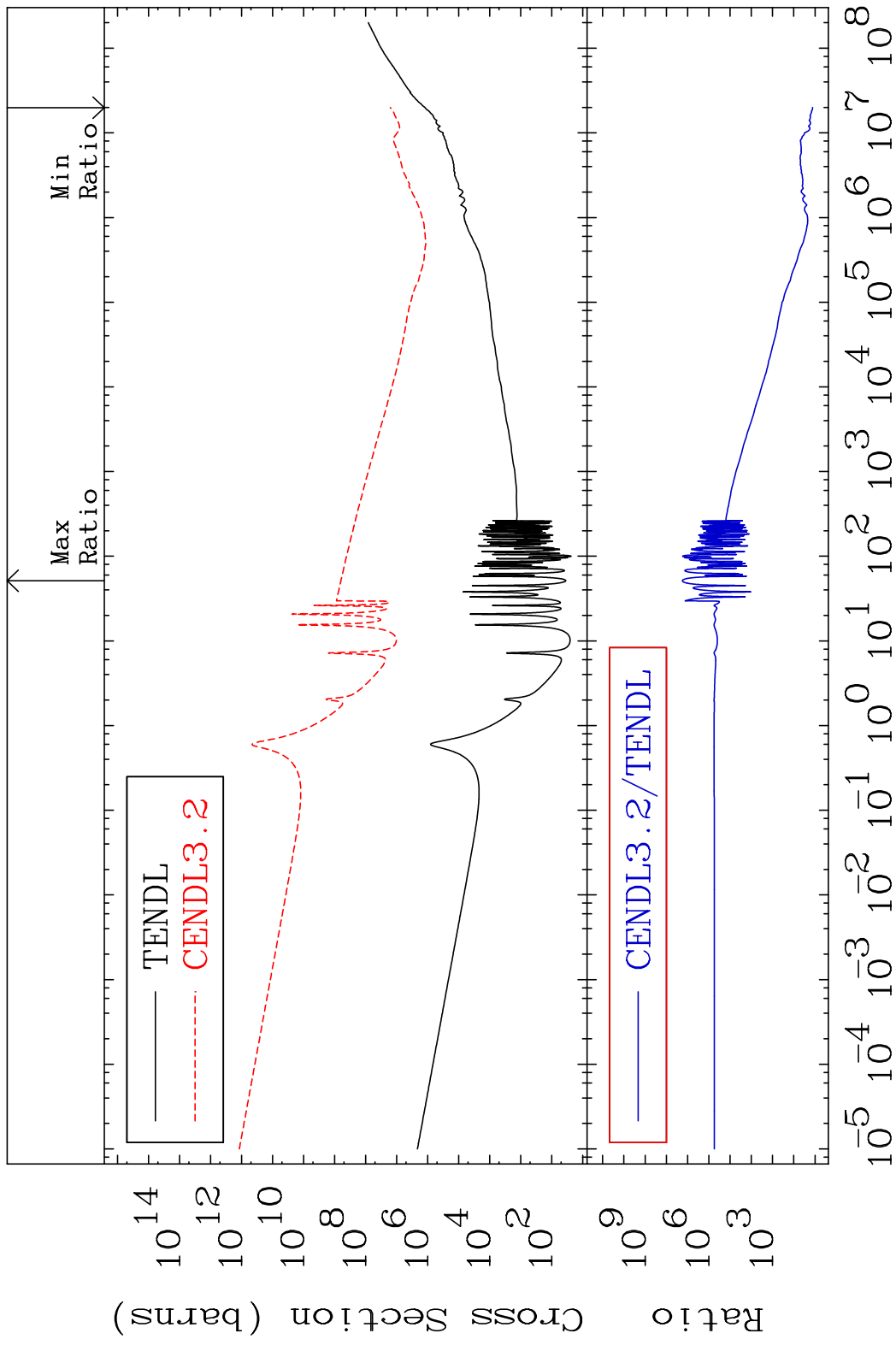
Cross Section -100.0 To 9999. %



MAT 6337 He-4 Production 63-Eu-155
 Cross Section -99.99 To 9999. %



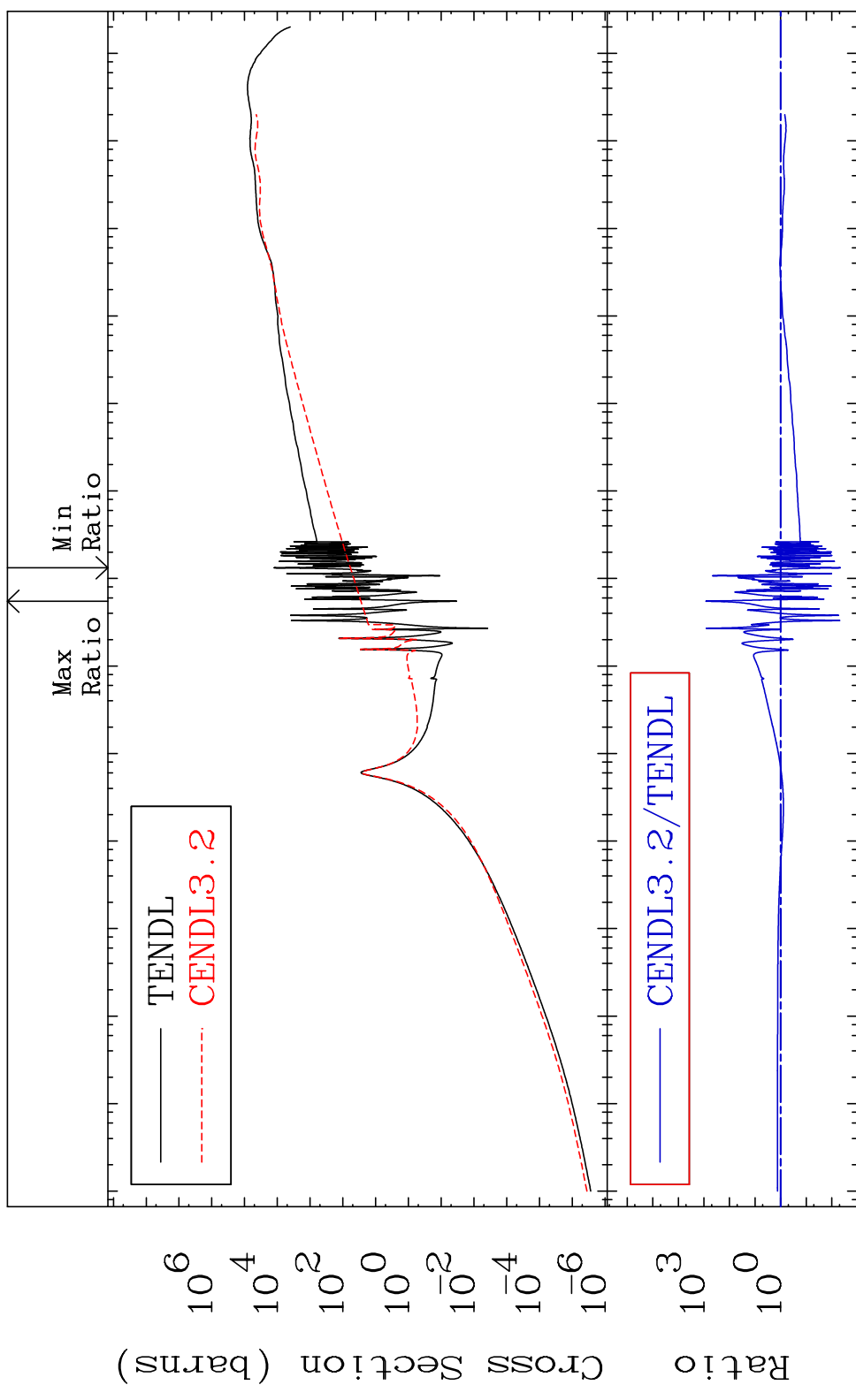
MAT 6337 Kerma total (eV-barns) 63-Eu-155
 Cross Section 1208. To 9999. %



MAT 6337

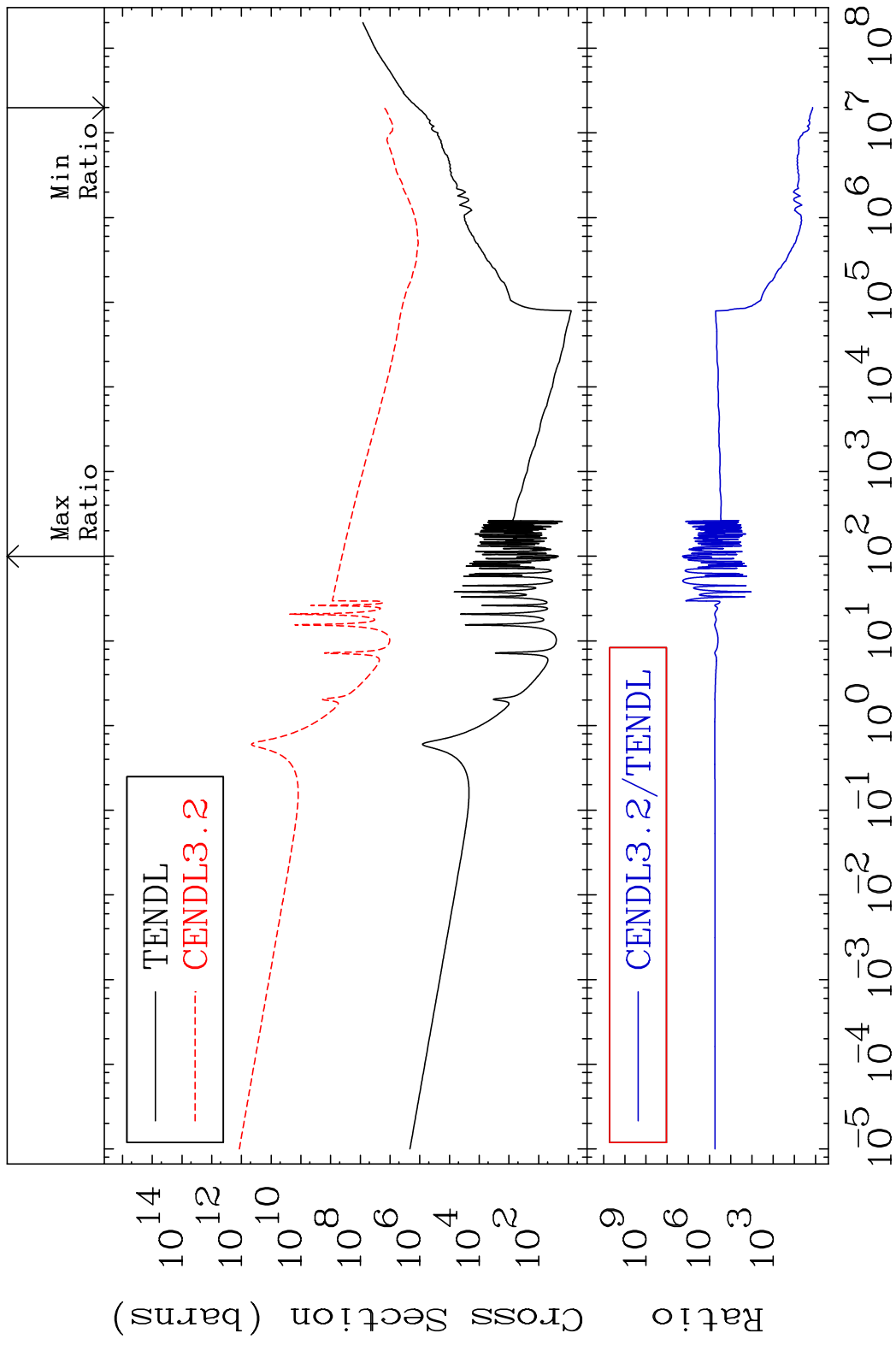
Kerma elastic Cross Section -99.54 To 9999. %

63-Eu-155

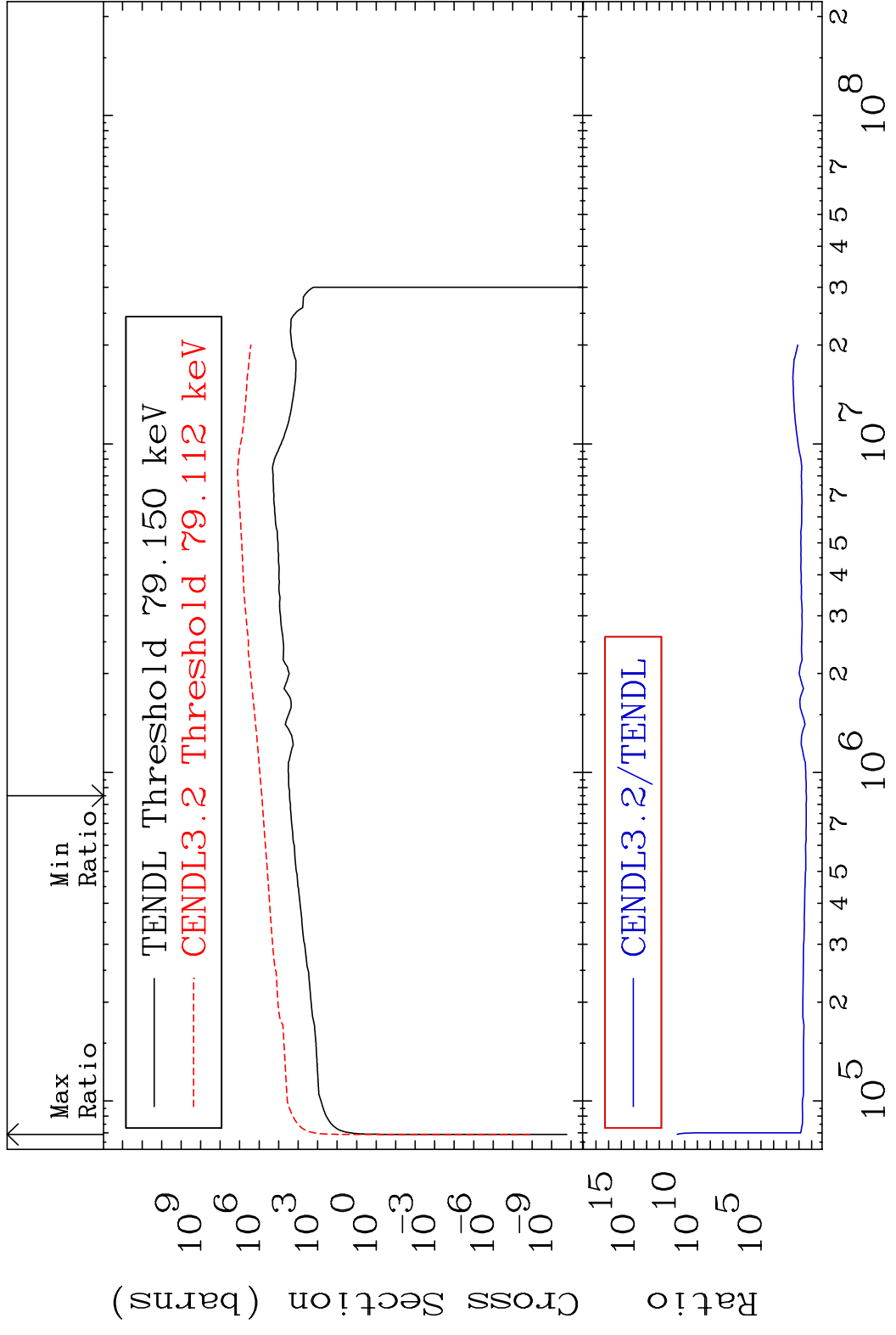


Ratio
10³
10⁰
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

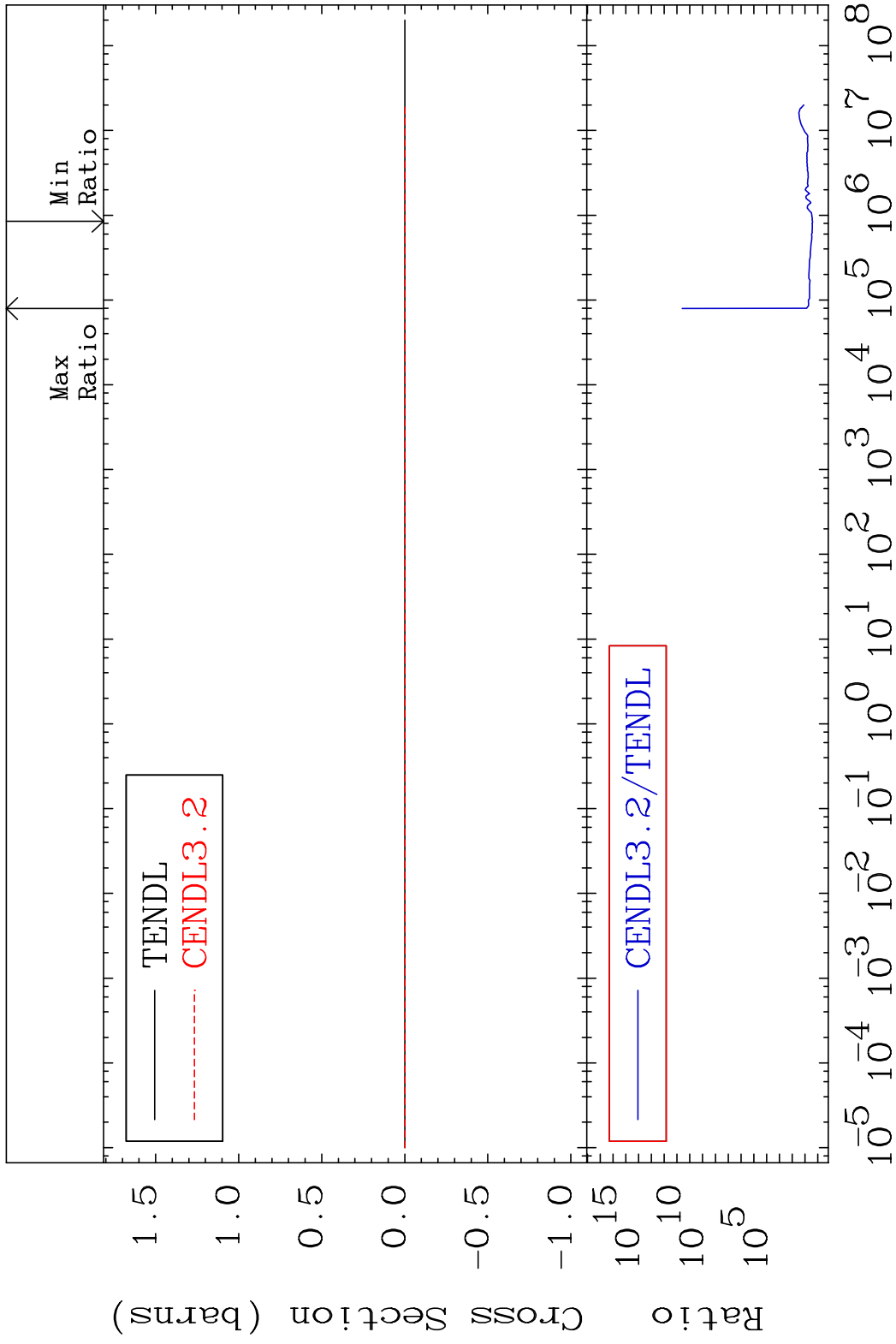
MAT 6337 Kerma non-elastic (all but mt2) 63-Eu-155
 Cross Section 1276. To 9999. %



MAT 6337 Kerma inelastic (mt51-91) 63-Eu-155
 Cross Section 2521. To 9999. %

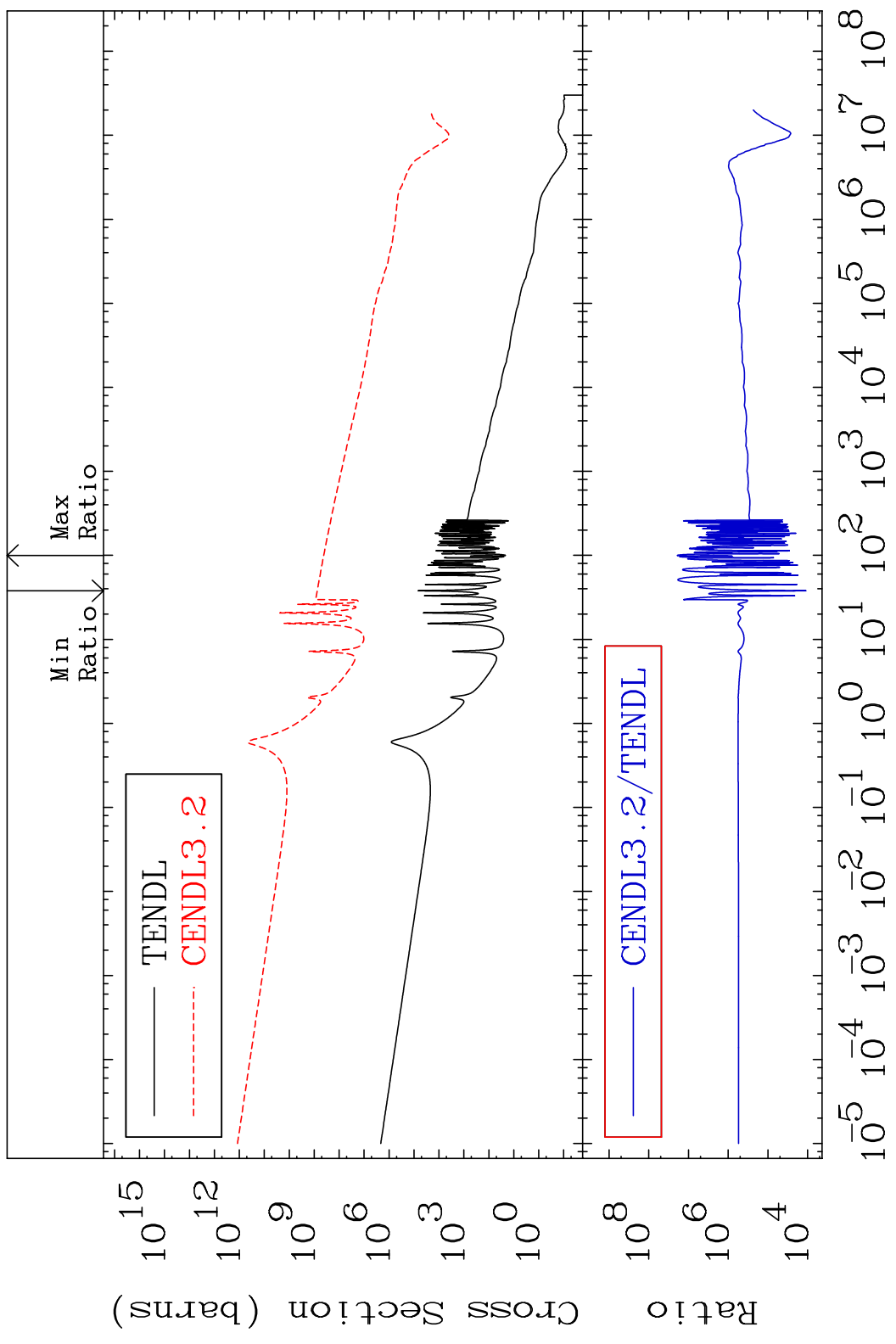


MAT 6337 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-155
 Cross Section 2521. To 9999. %



MAT 6337

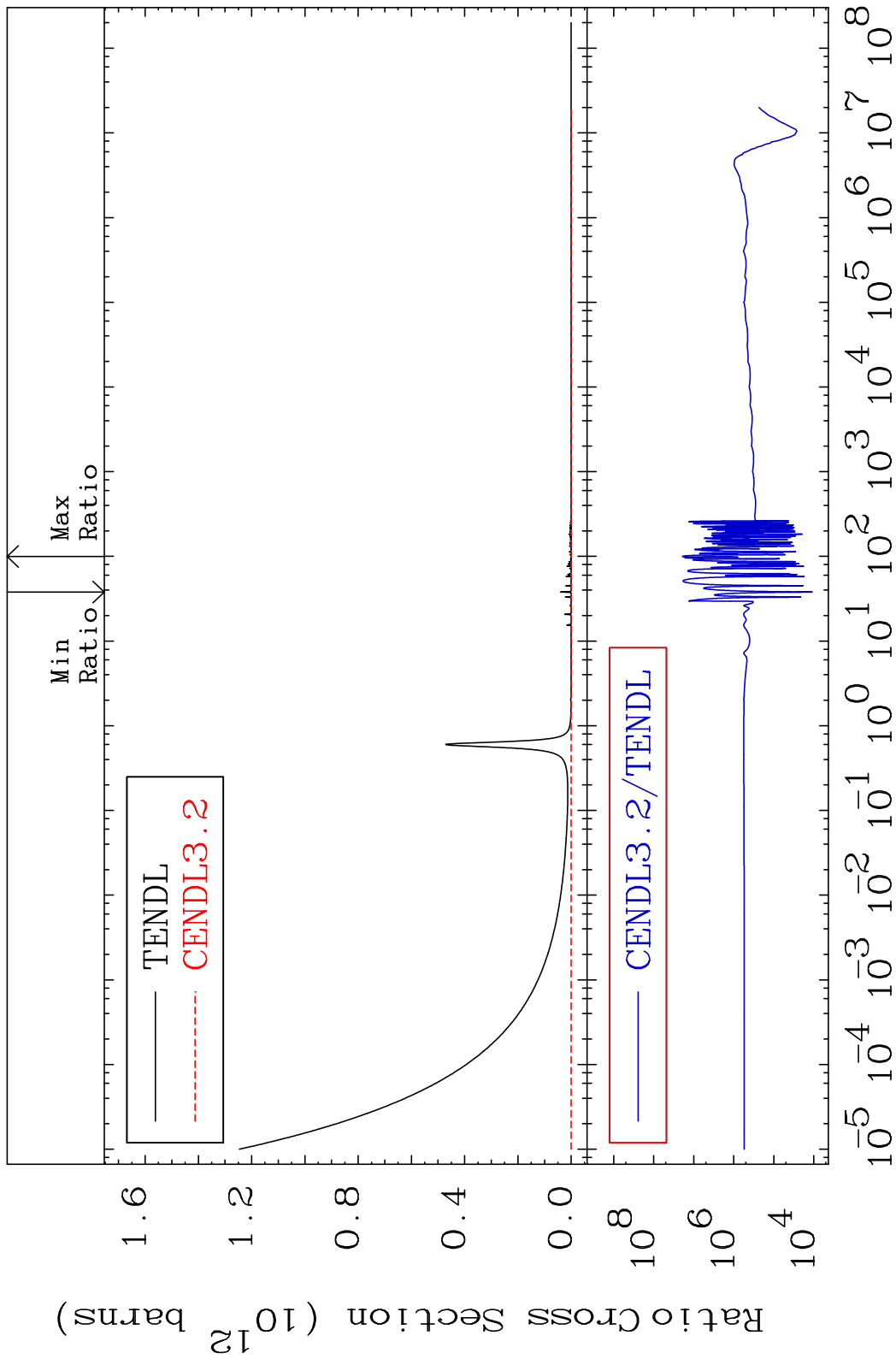
Kerma capture (mt102) 63-Eu-155
Cross Section 9999. To 9999. %



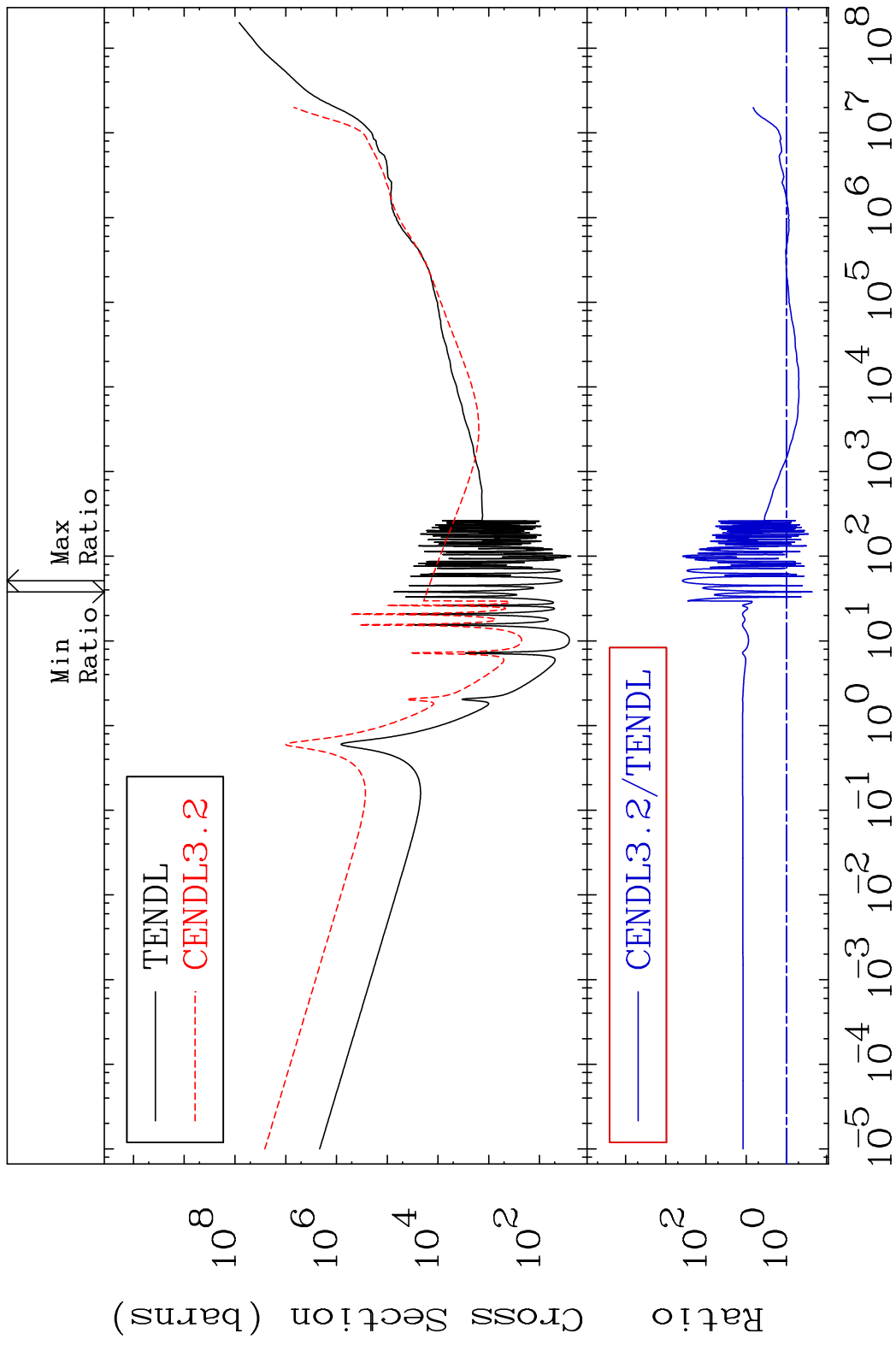
30

Incident Energy (eV) 63-Eu-155

MAT 6337 Total photon (eV-barns) 63-Eu-155
 Cross Section 9999. To 9999. %



MAT 6337 Total kinematic kerma (high limit) 63-Eu-155
 Cross Section -77.68 To 9999. %

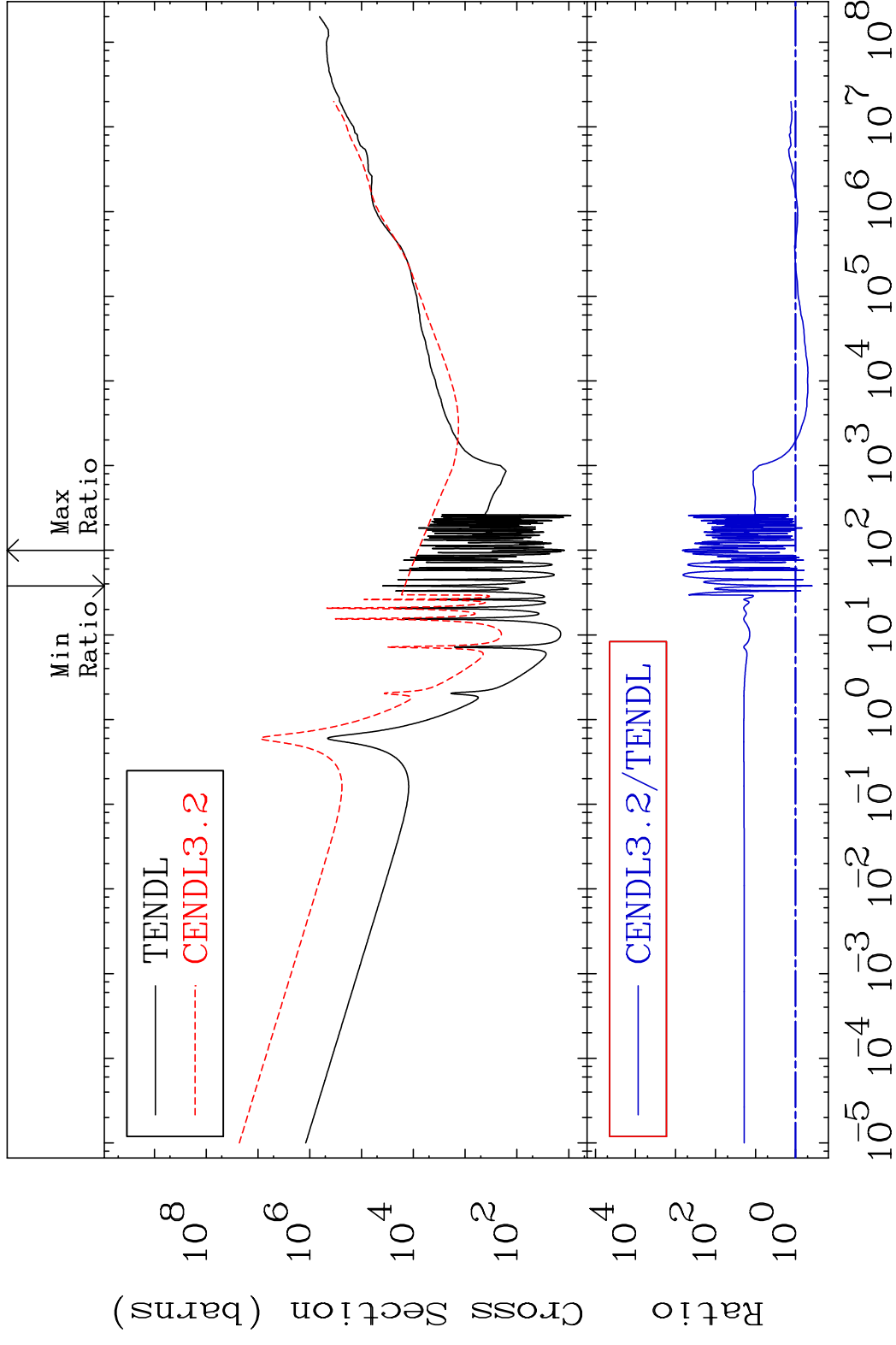


MAT 6337

Dpa total (eV-barns)

63-Eu-155

Cross Section -62.47 To 9999. %



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Incident Energy (eV)

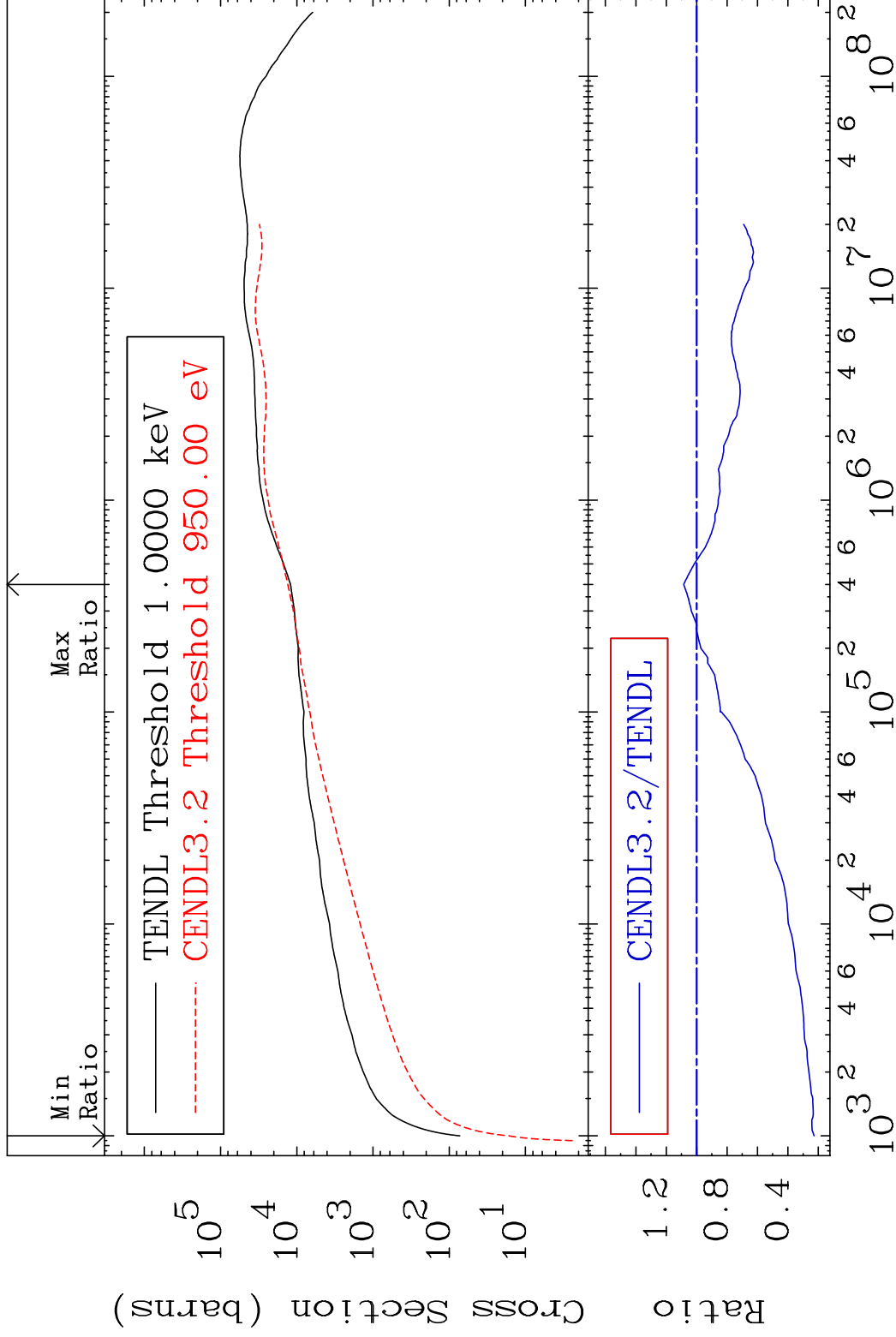
63-Eu-155

MAT 6337

Dpa elastic (mt2)

63-Eu-155

Cross Section -77.24 To 8.547 %

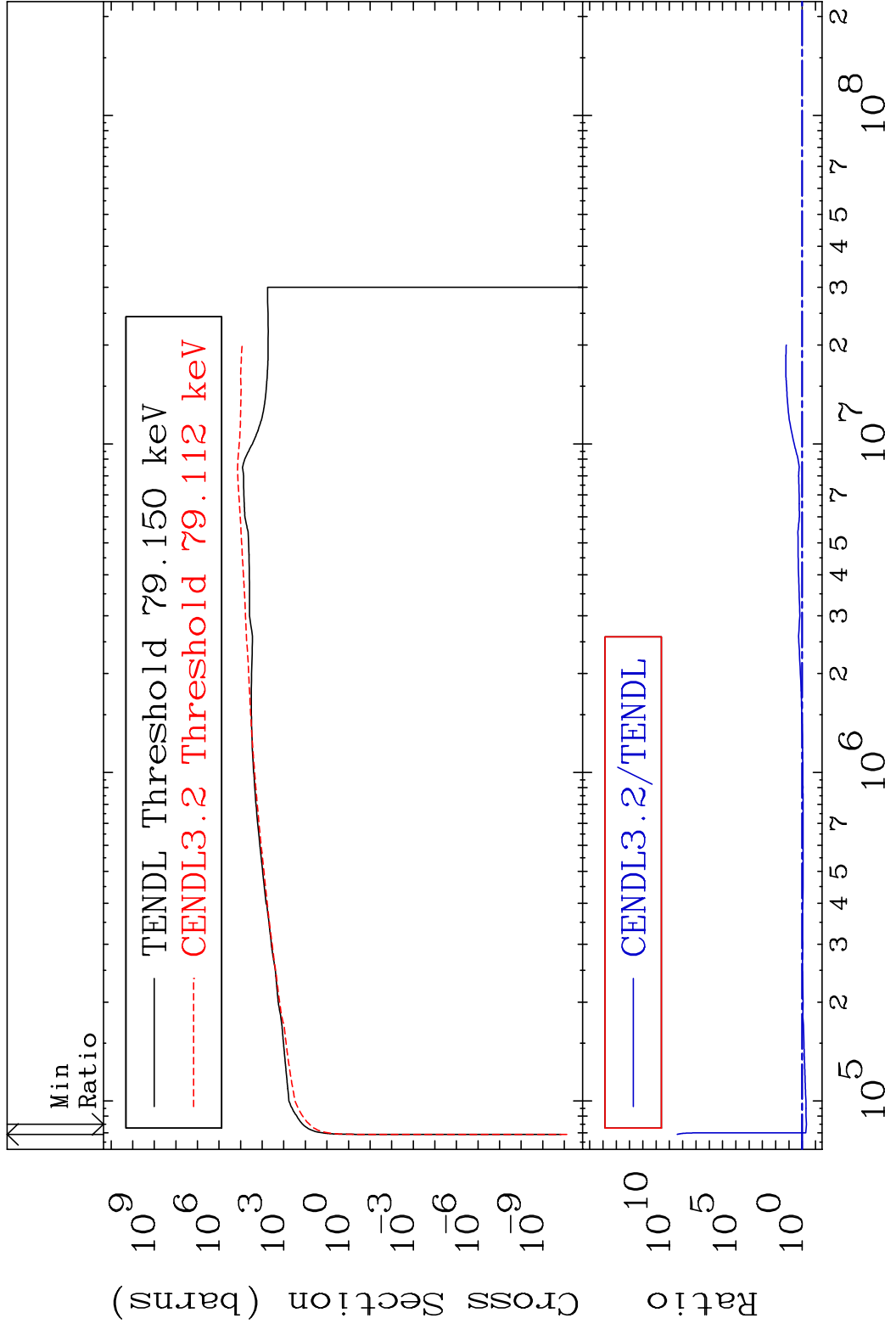


34

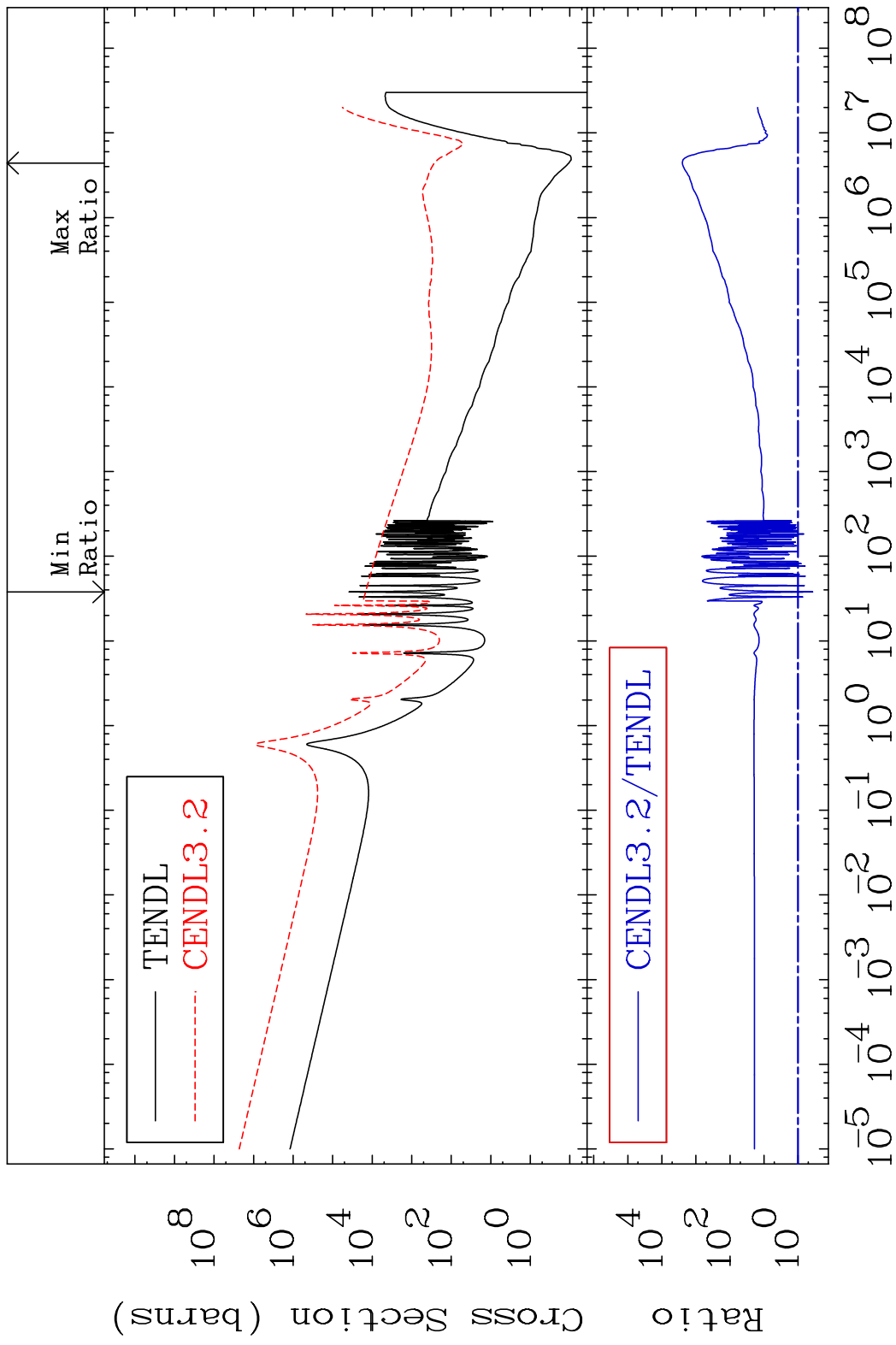
Incident Energy (eV)

63-Eu-155

MAT 6337 Dpa inelastic (mt51-91) 63-Eu-155
 Cross Section -51.25 To 9999. %



MAT 6337 Dpa disappearance (mt102 -120) 63-Eu-155
 Cross Section -62.47 To 9999. %

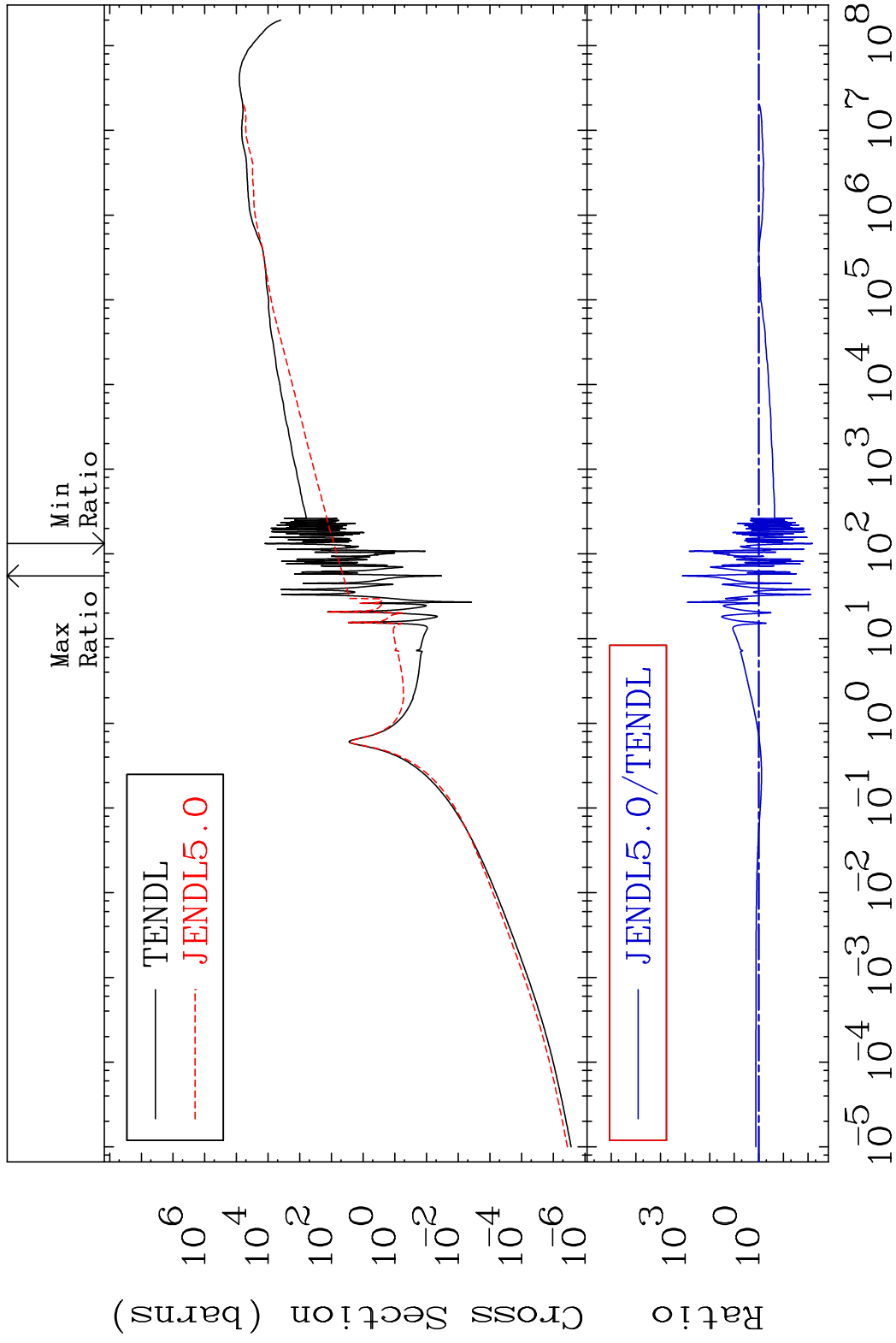


MAT 6337

Kerma elastic

63-Eu-155

Cross Section -99.34 To 9999. %

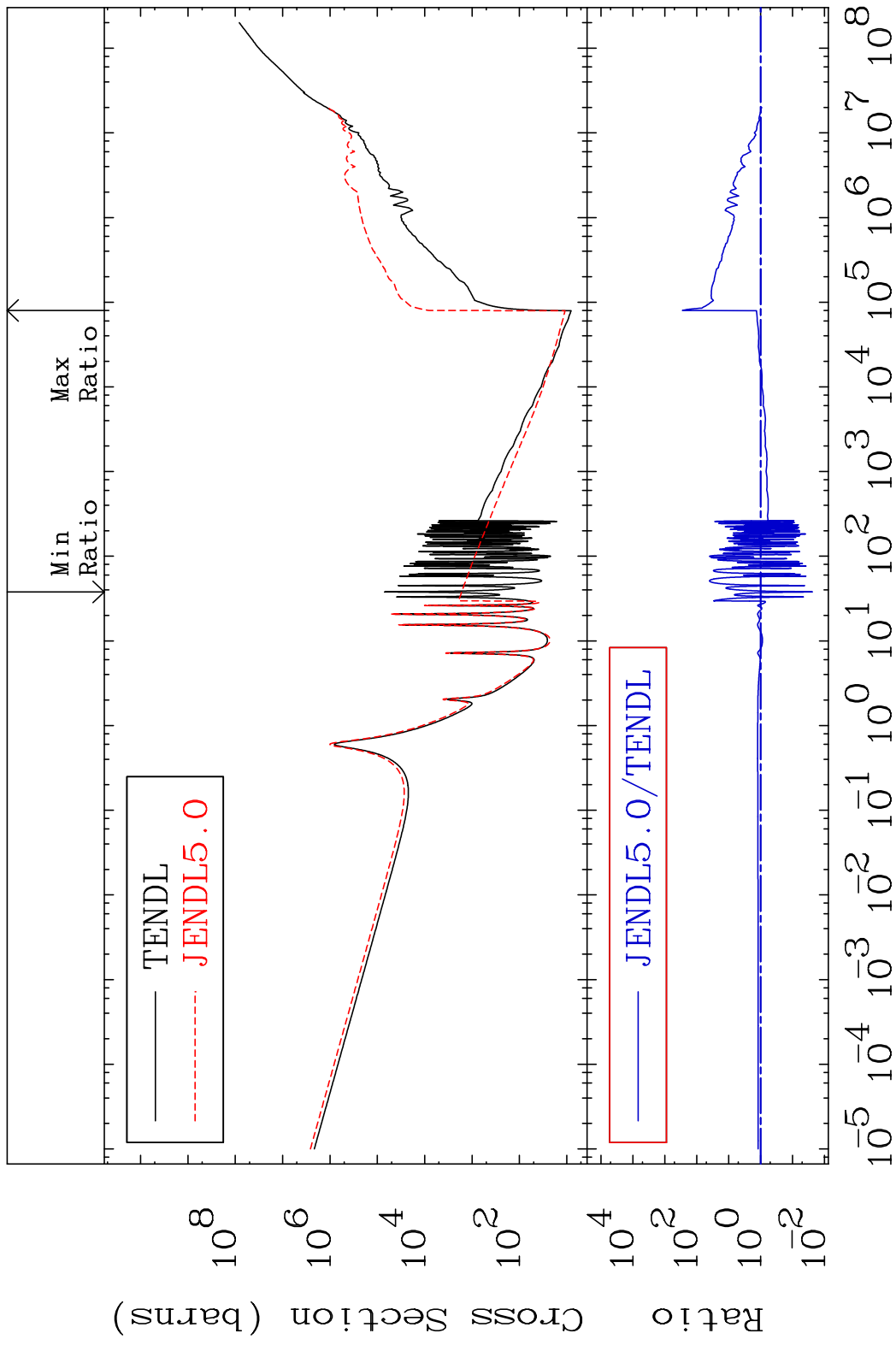


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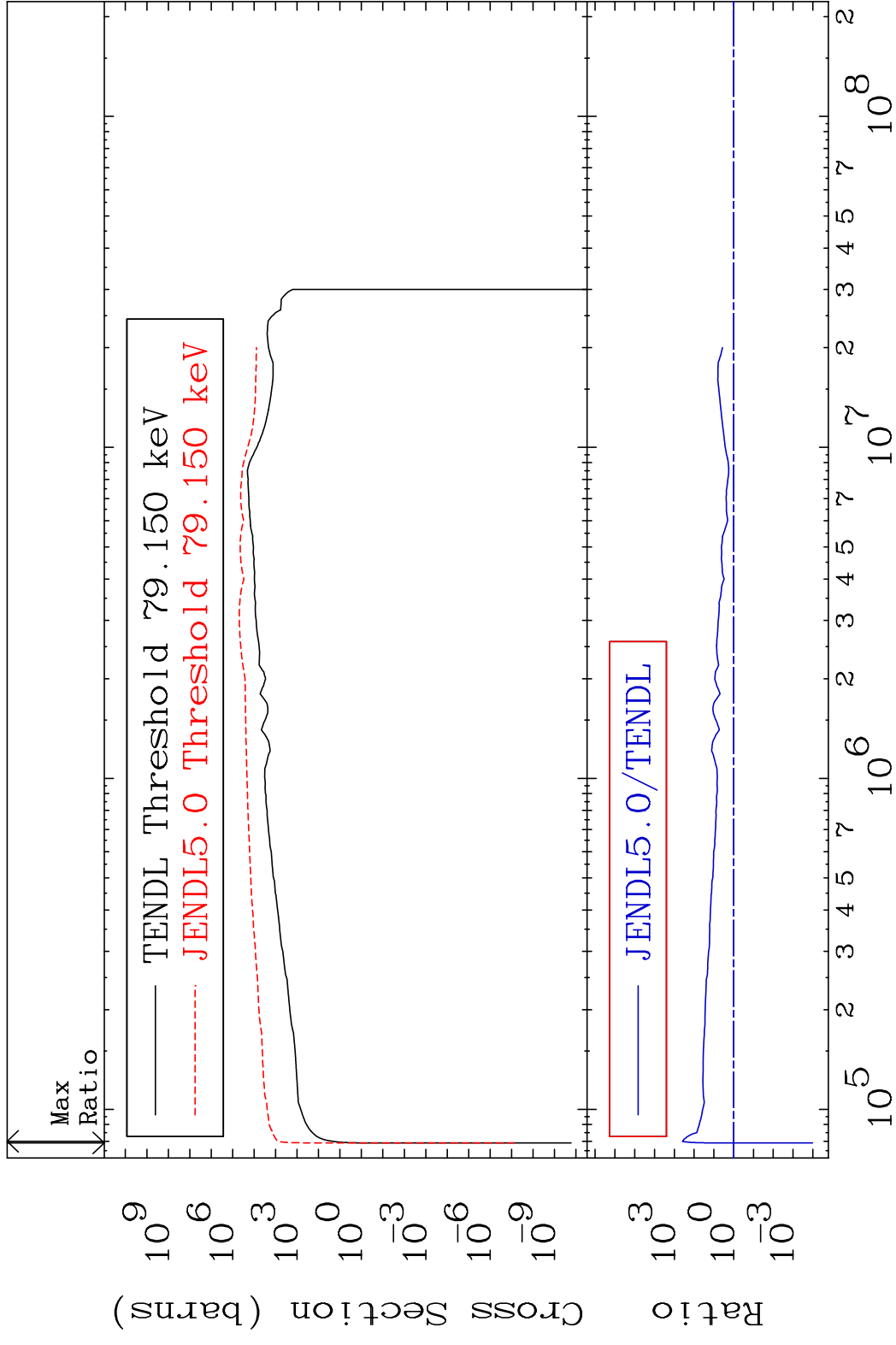
Incident Energy (eV)

63-Eu-155

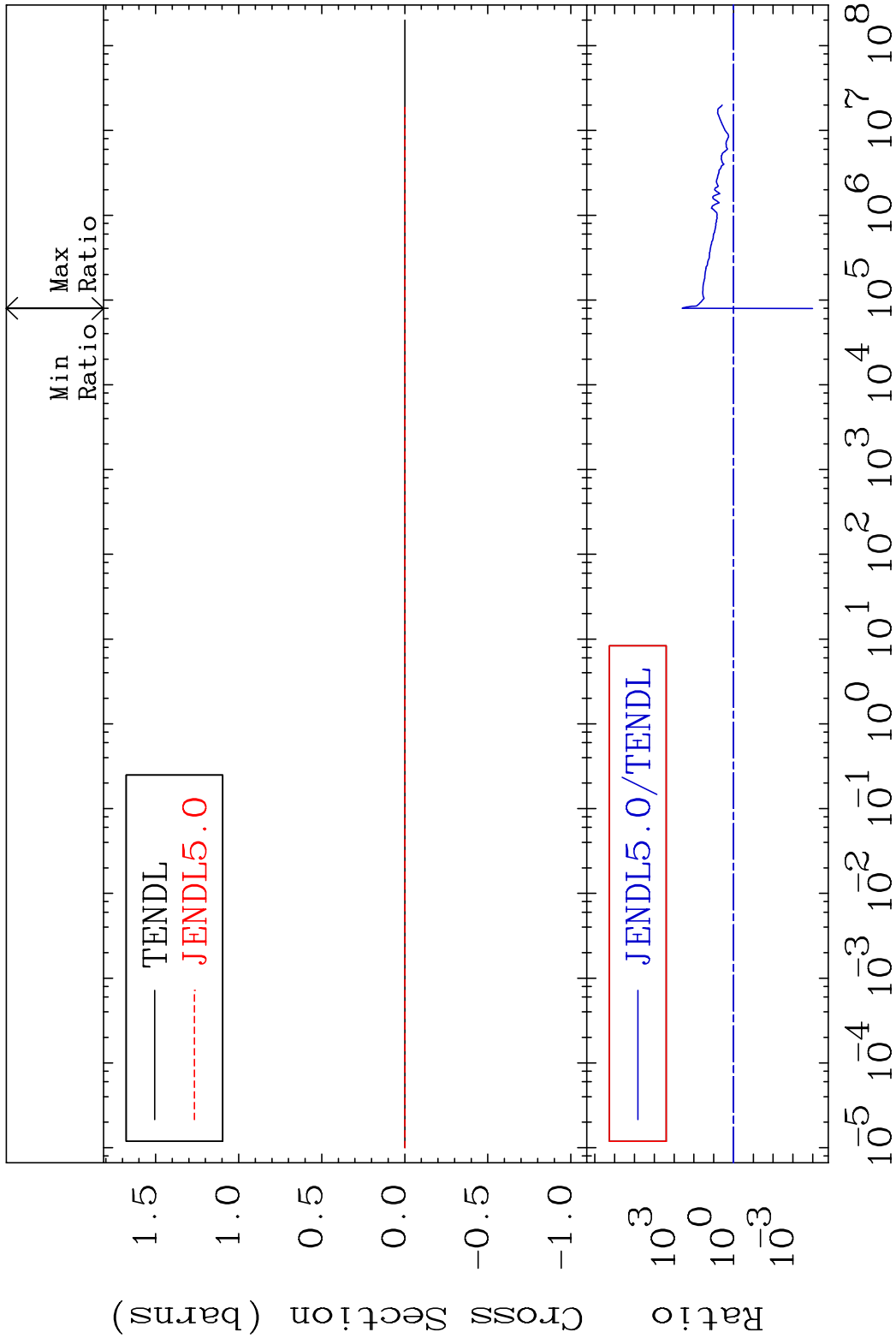
MAT 6337 Kerma non-elastic (all but mt2) 63-Eu-155
 Cross Section -97.64 To 9999. %



MAT 6337 Kerma inelastic (mt51-91) 63-Eu-155
 Cross Section -99.99 To 9999. %

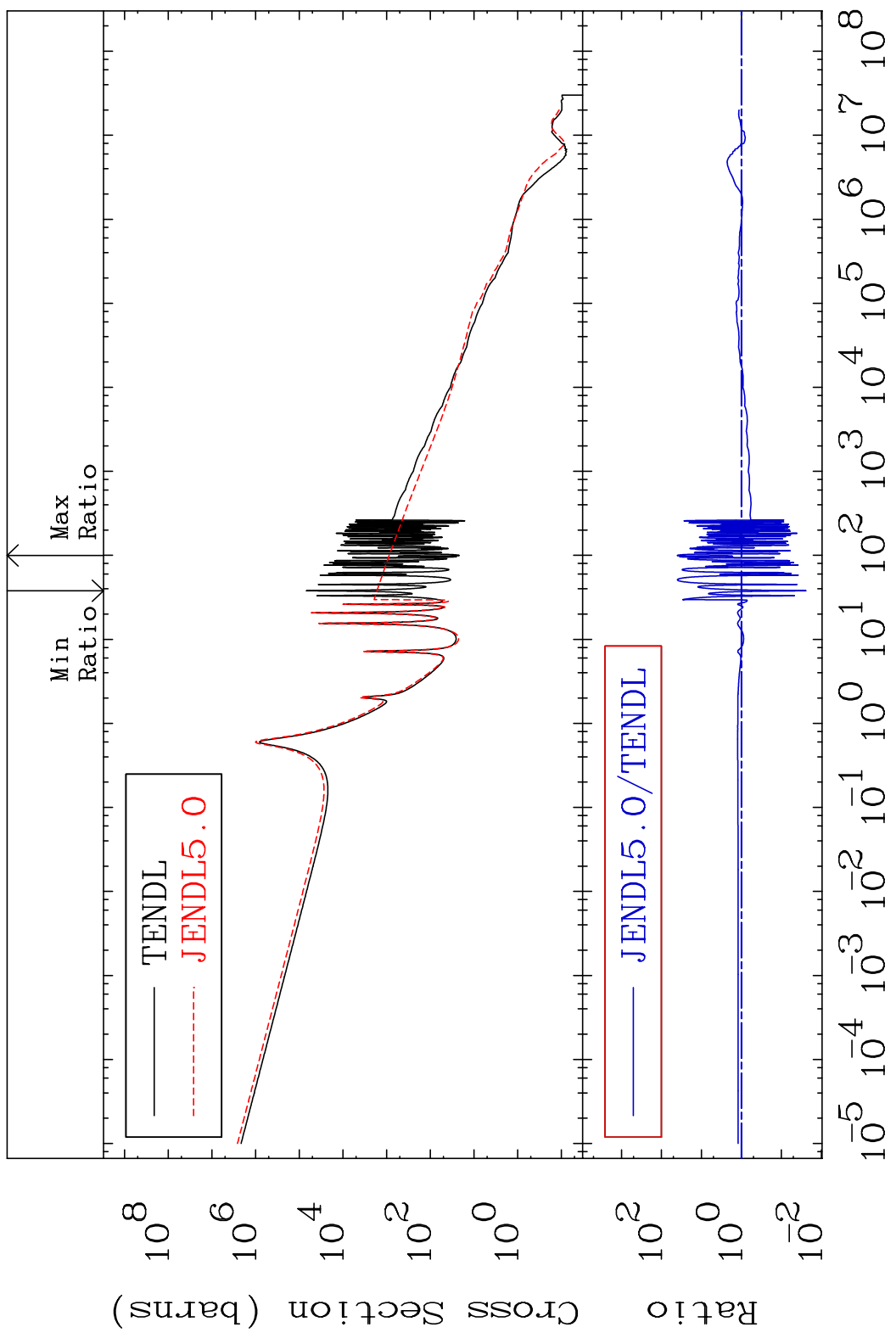


MAT 6337 Kerma fission (mt18 or mt19-20-21-38) 63-Eu-155
 Cross Section -99.99 To 9999. %



MAT 6337

Kerma capture (mt102) 63-Eu-155
Cross Section -97.64 To 3938. %

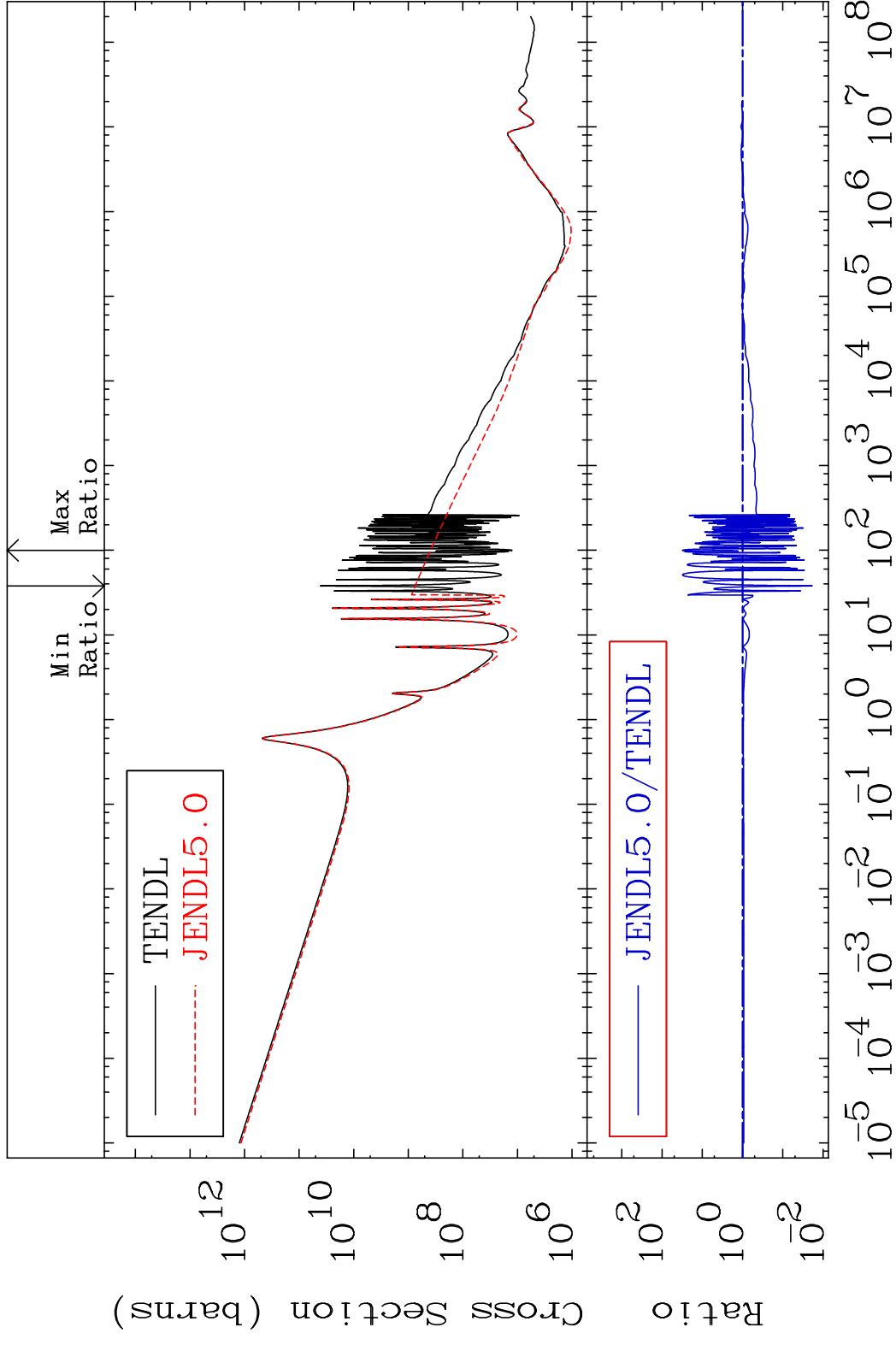


41

Incident Energy (eV)

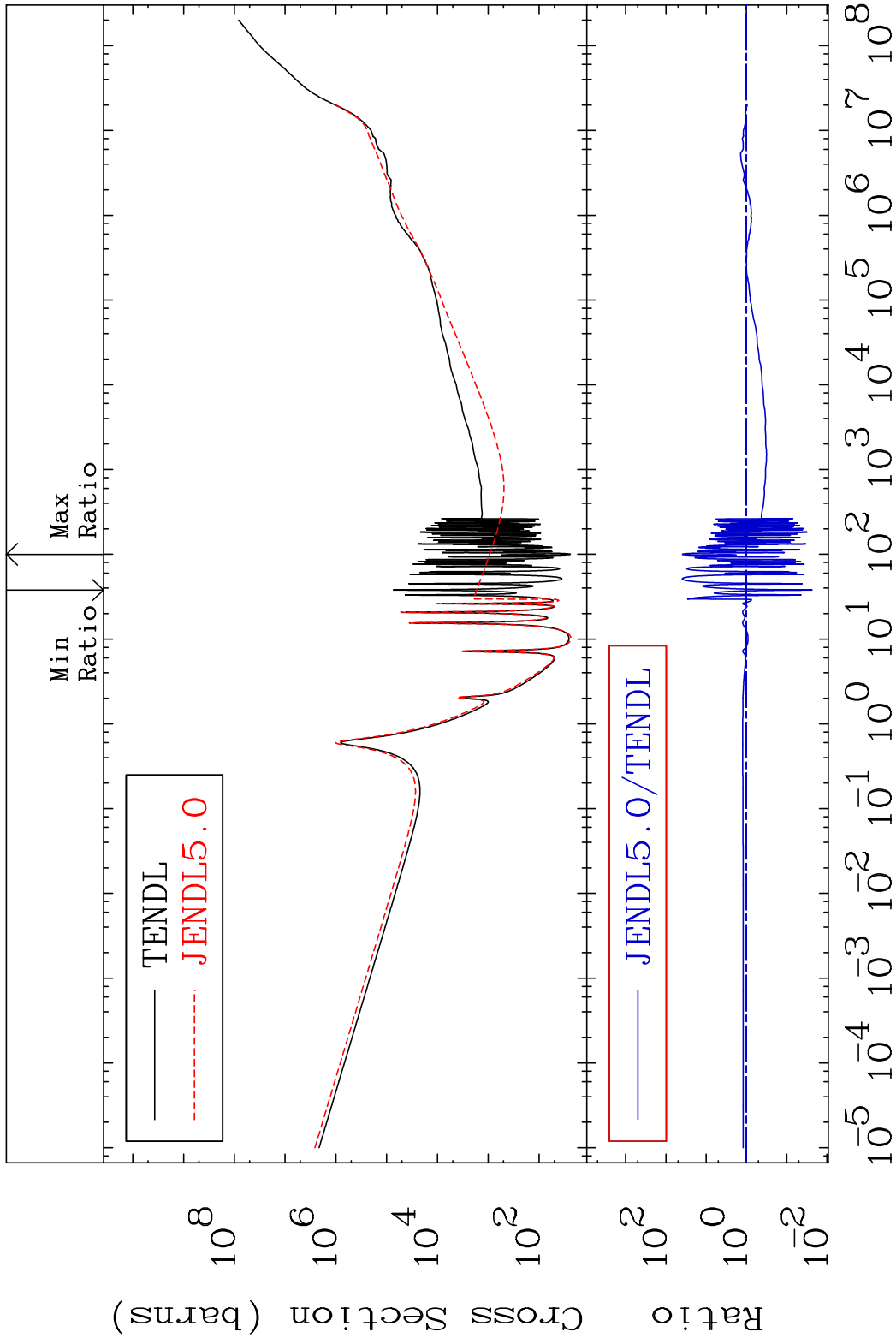
63-Eu-155

MAT 6337 Total photon (eV-barns) 63-Eu-155
 Cross Section -98.17 To 3023. %

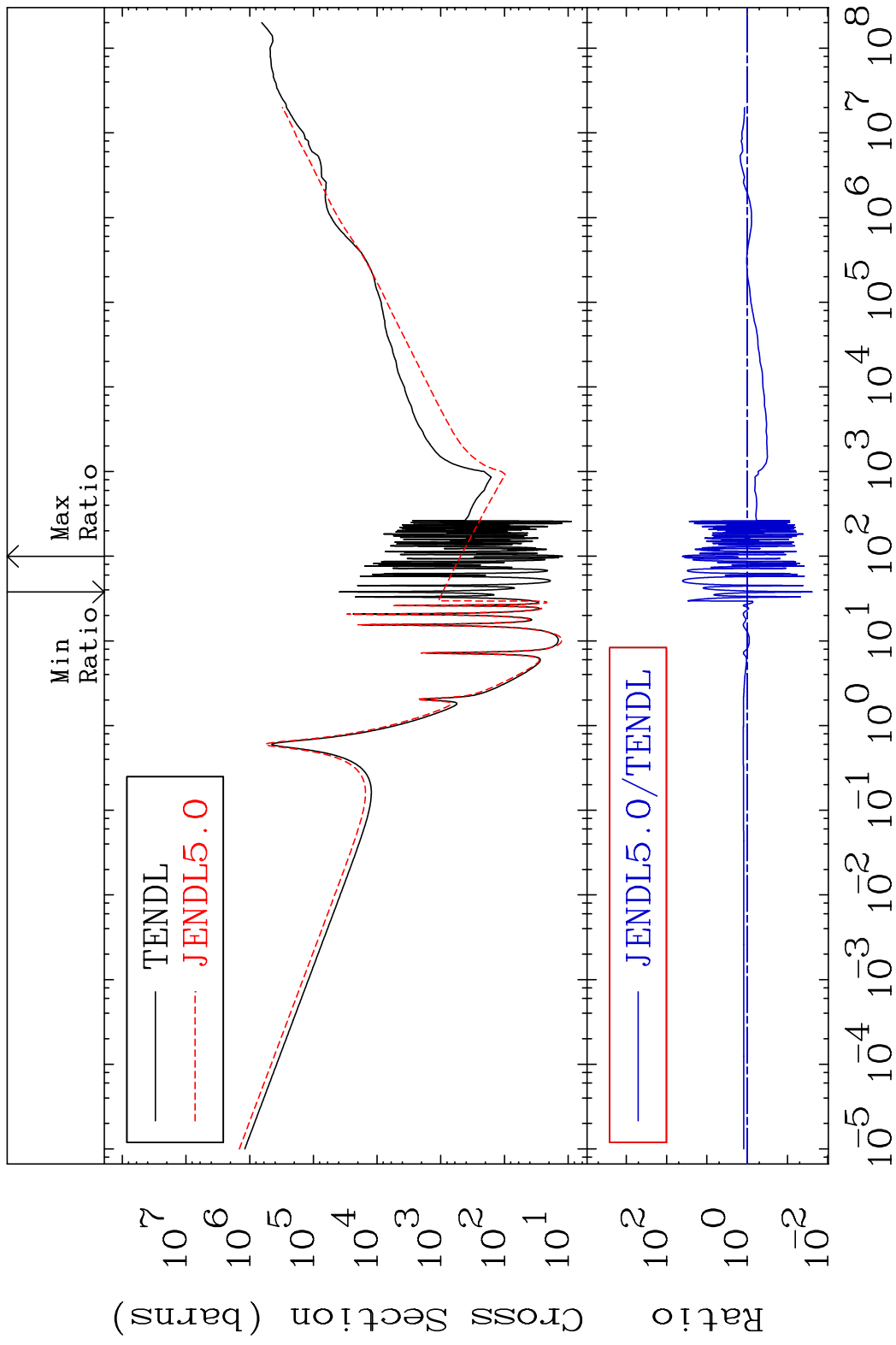


42 Incident Energy (eV) 63-Eu-155

MAT 6337 Total kinematic kerma (high limit) 63-Eu-155
 Cross Section -97.72 To 3847. %



MAT 6337 Dpa total (eV-barns) 63-Eu-155
 Cross Section -97.62 To 3968. %

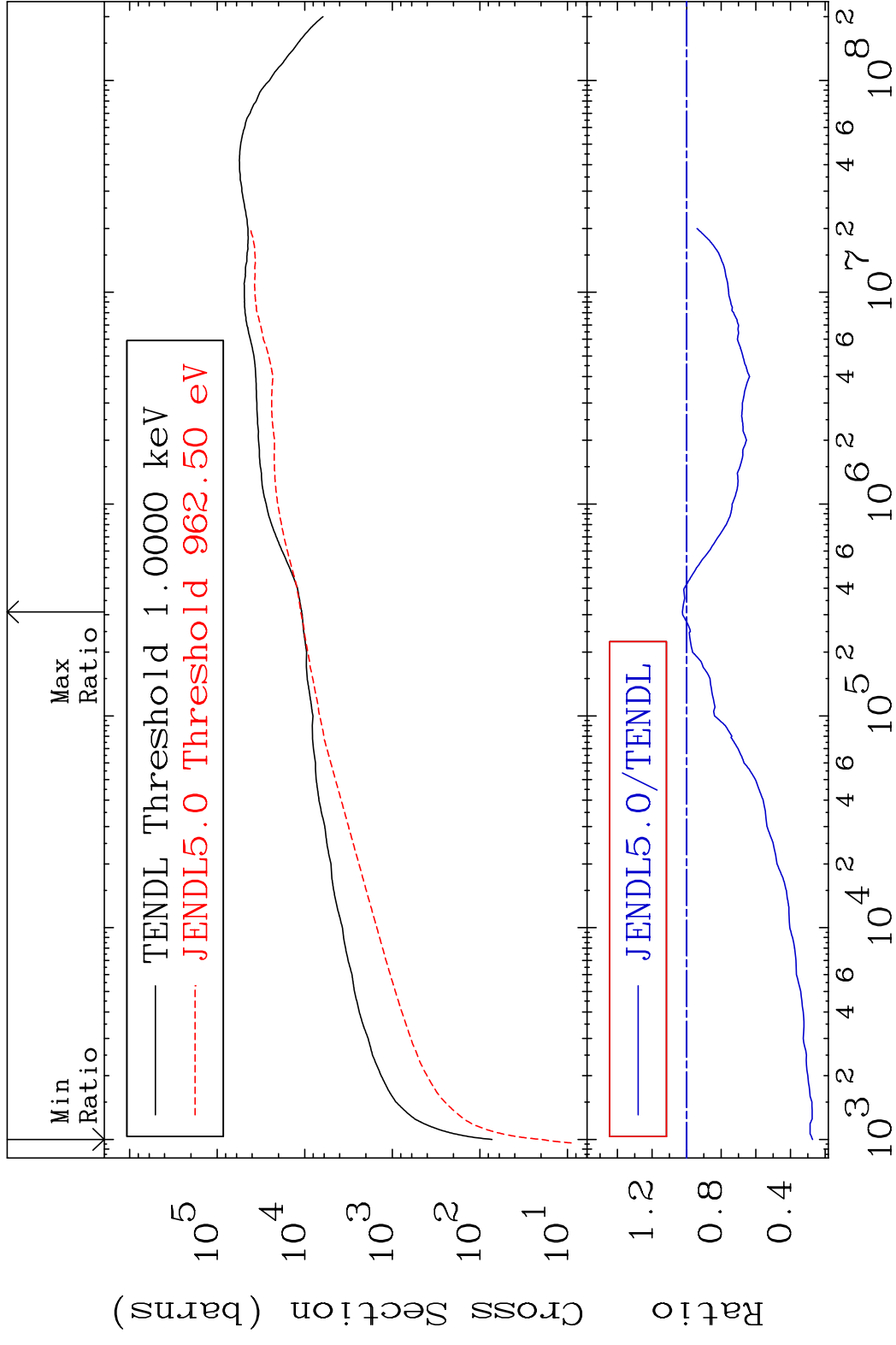


MAT 6337

Dpa elastic (mt2)

63-Eu-155

Cross Section -72.76 To 2.463 %

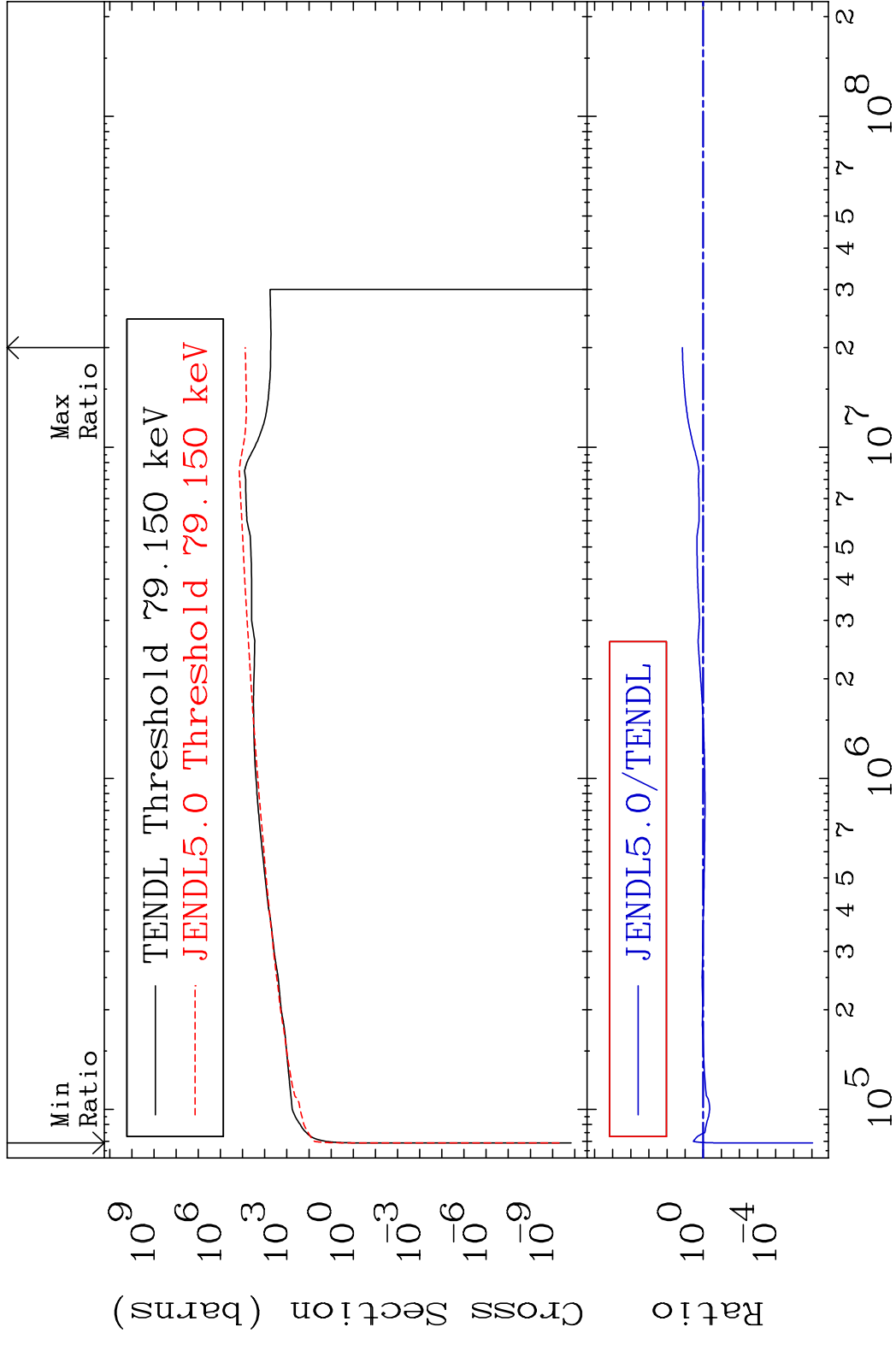


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Incident Energy (eV)

63-Eu-155

MAT 6337 Dpa inelastic (mt51-91) 63-Eu-155
 Cross Section -100.0 To 1323. %



MAT 6337 Dpa disappearance (mt102 -120) 63-Eu-155
 Cross Section -97.62 To 3968. %

