

Program Complot
(Version 2018-1)

by

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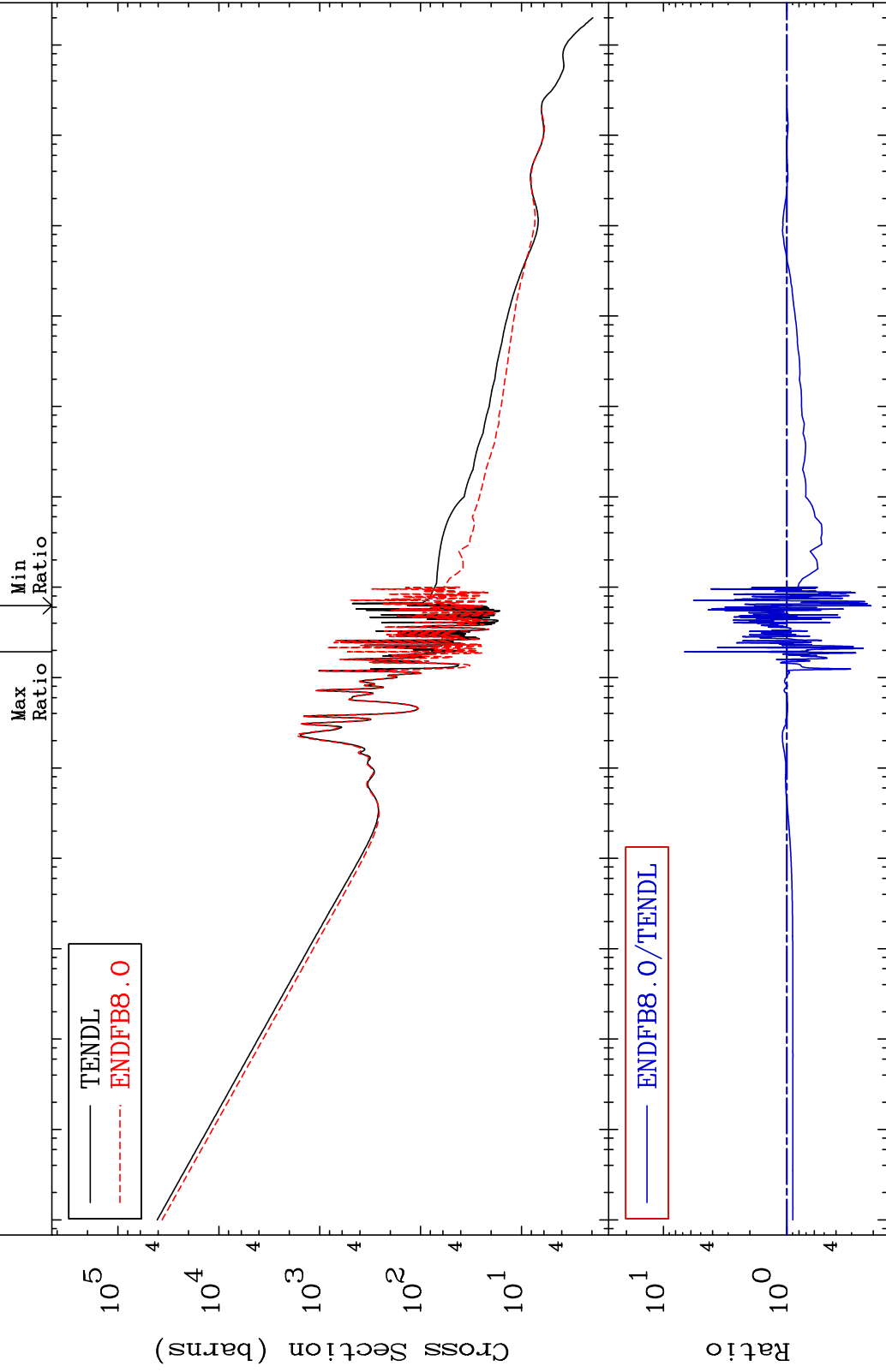
Press Mouse Button to Start

MAT 9634

96-Cm-243

-79.25 To 578.0 %

Total
Cross Section



Incident Energy (eV)

96-Cm-243

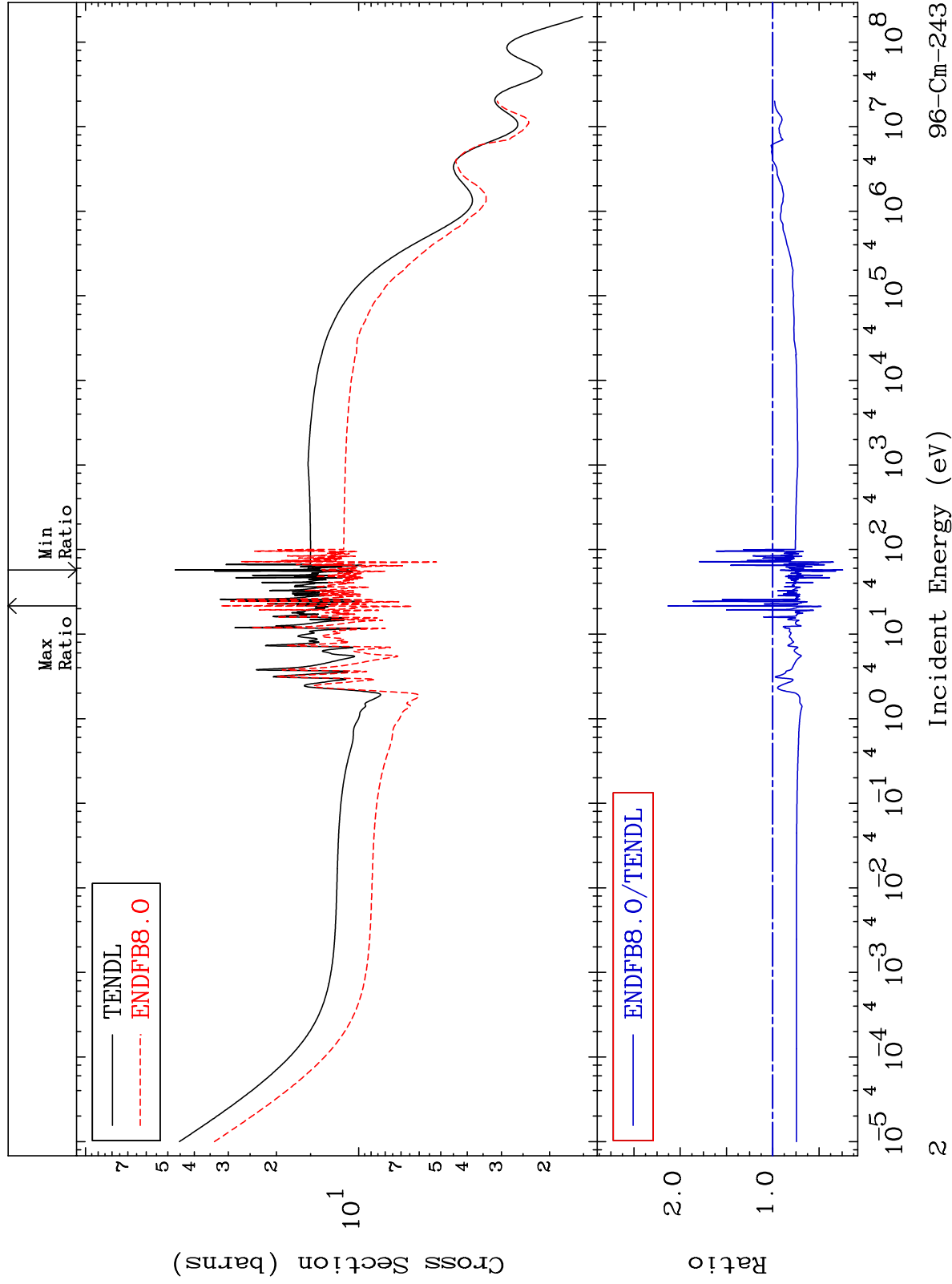
MAT 9634

Elastic

96-Cm-243

Cross Section

-75.74 To 113.2 %

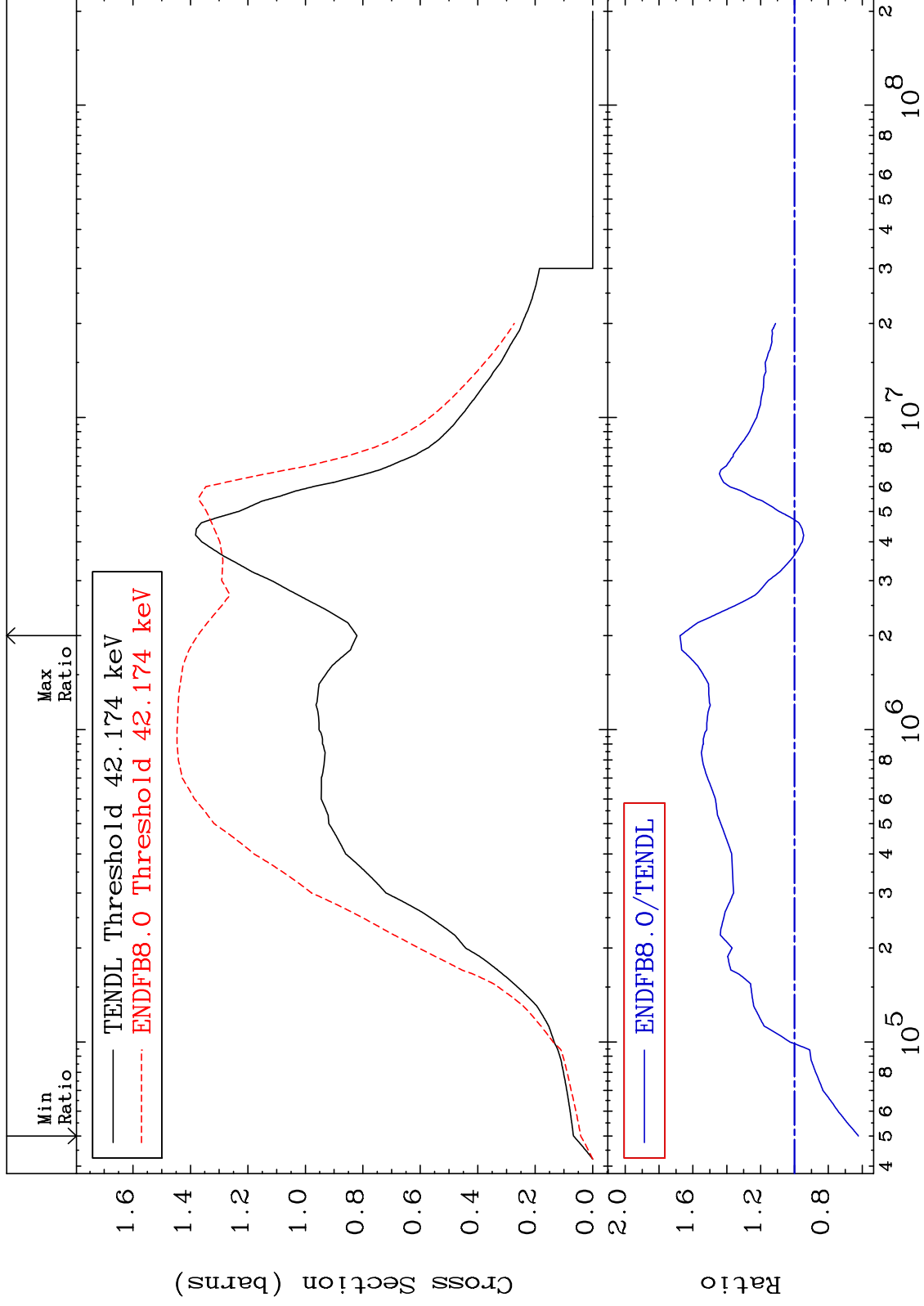


96-Cm-243

MAT 9634

Inelastic
Cross Section

96-Cm-243
-37.76 To 67.61 %



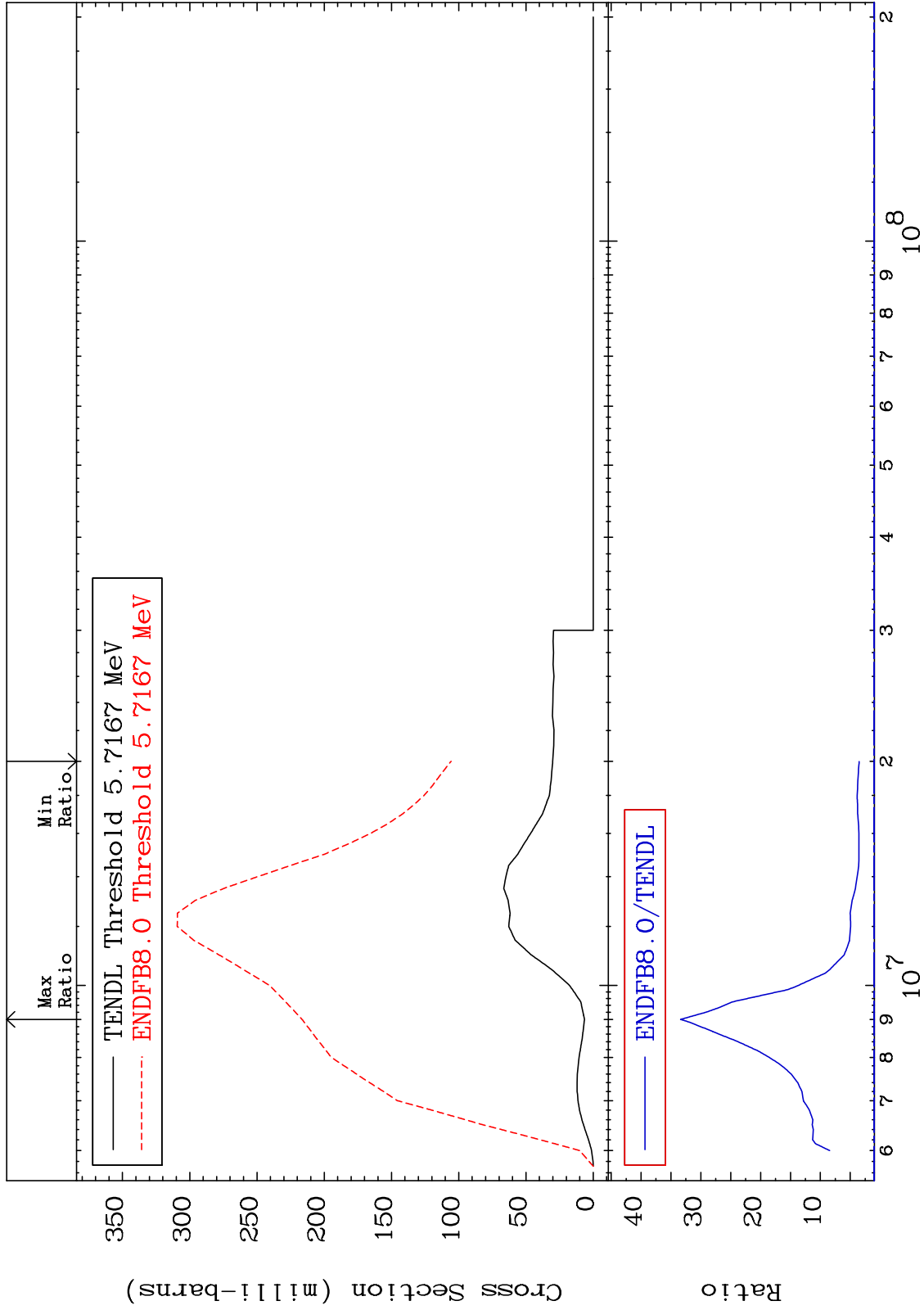
MAT 9634

(n,2n)

96-Cm-243

250.8 To 3238. %

Cross Section



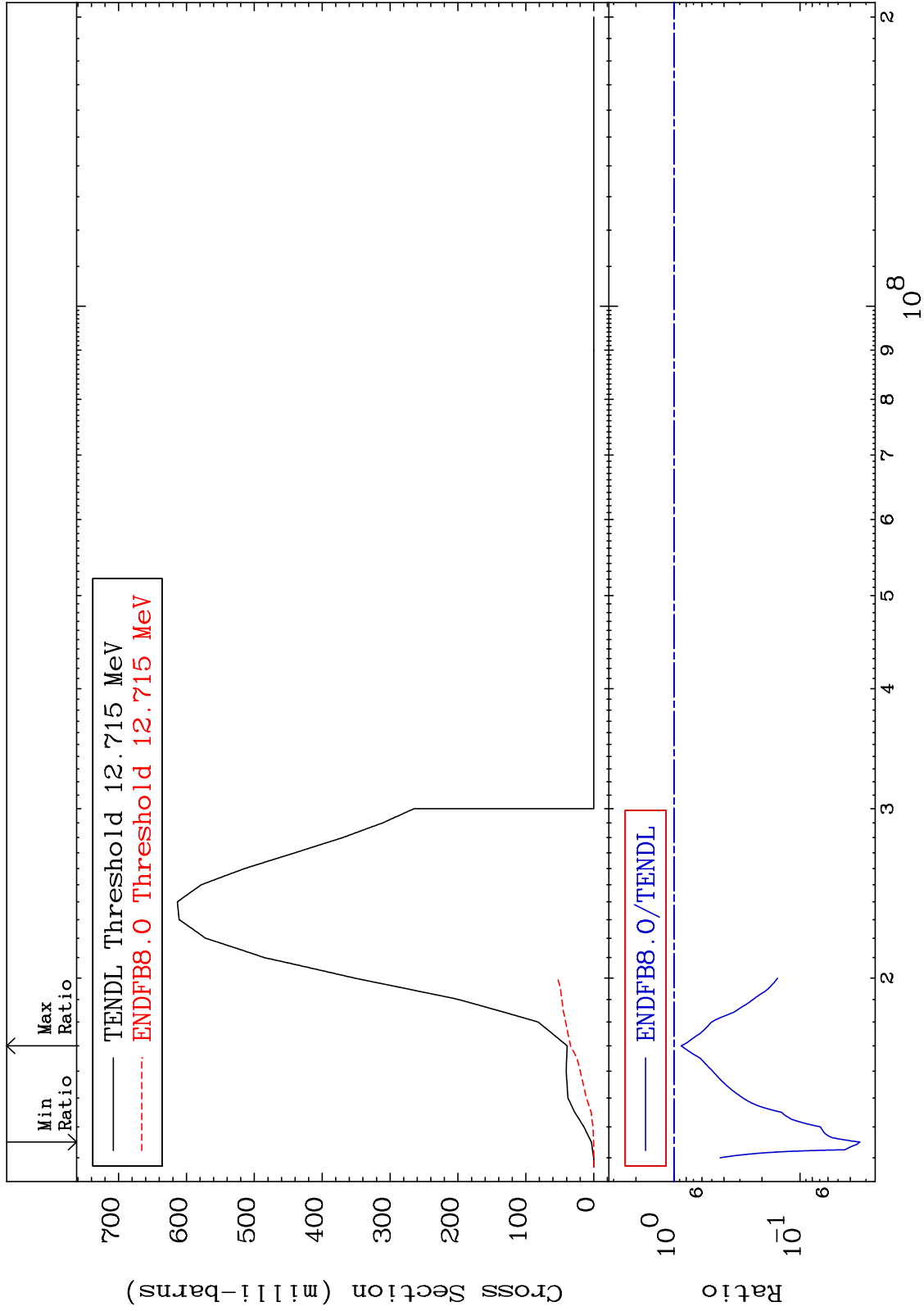
MAT 9634

(n, 3n)

96-Cm-243

Cross Section

-96.65 To -12.57%



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Incident Energy (eV)

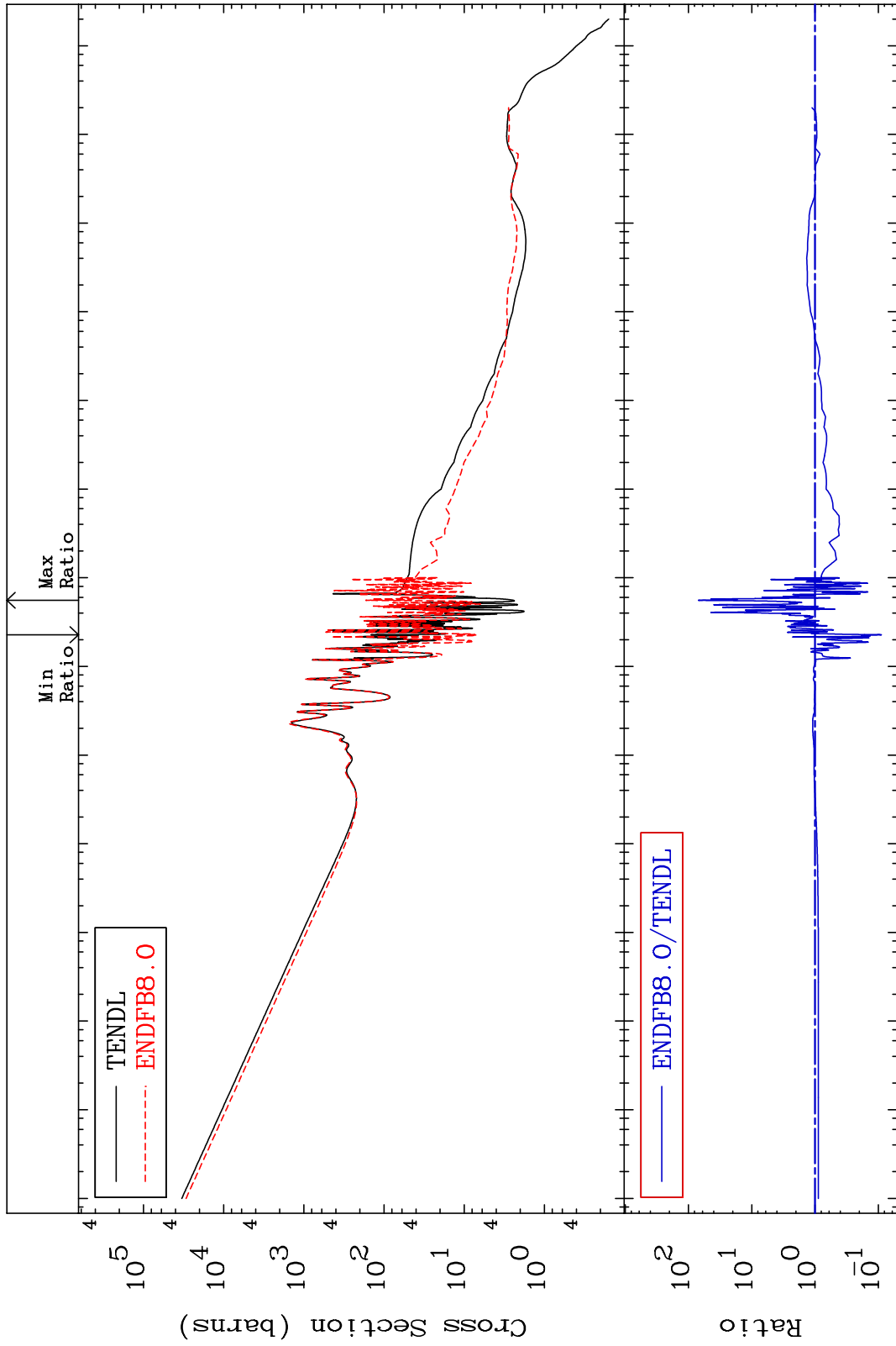
96-Cm-243

MAT 9634

96-Cm-243

-91.11 To 6876. %

Fission
Cross Section



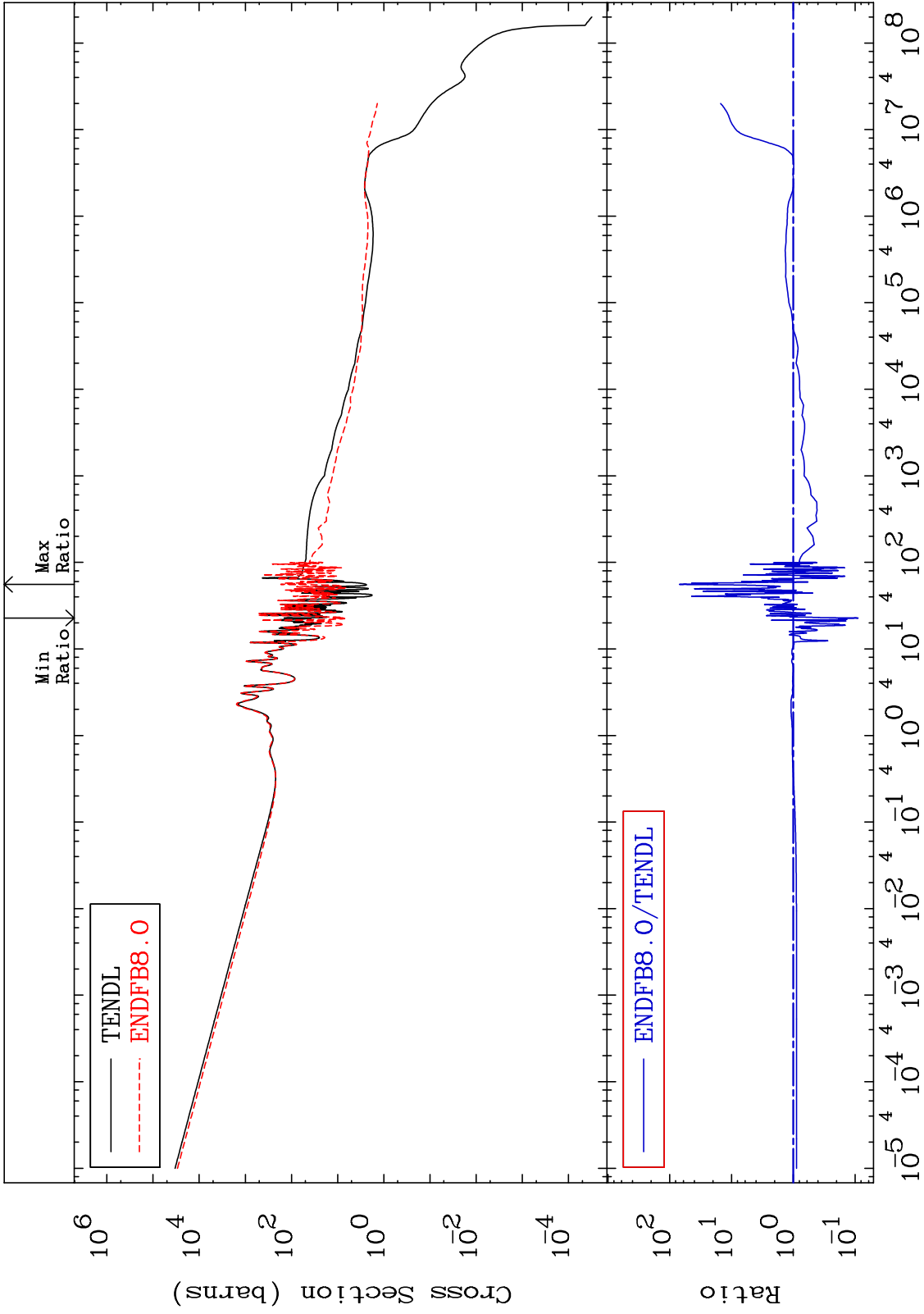
96-Cm-243

Incident Energy (eV)

MAT 9634

(n,f) First Chance
Cross Section

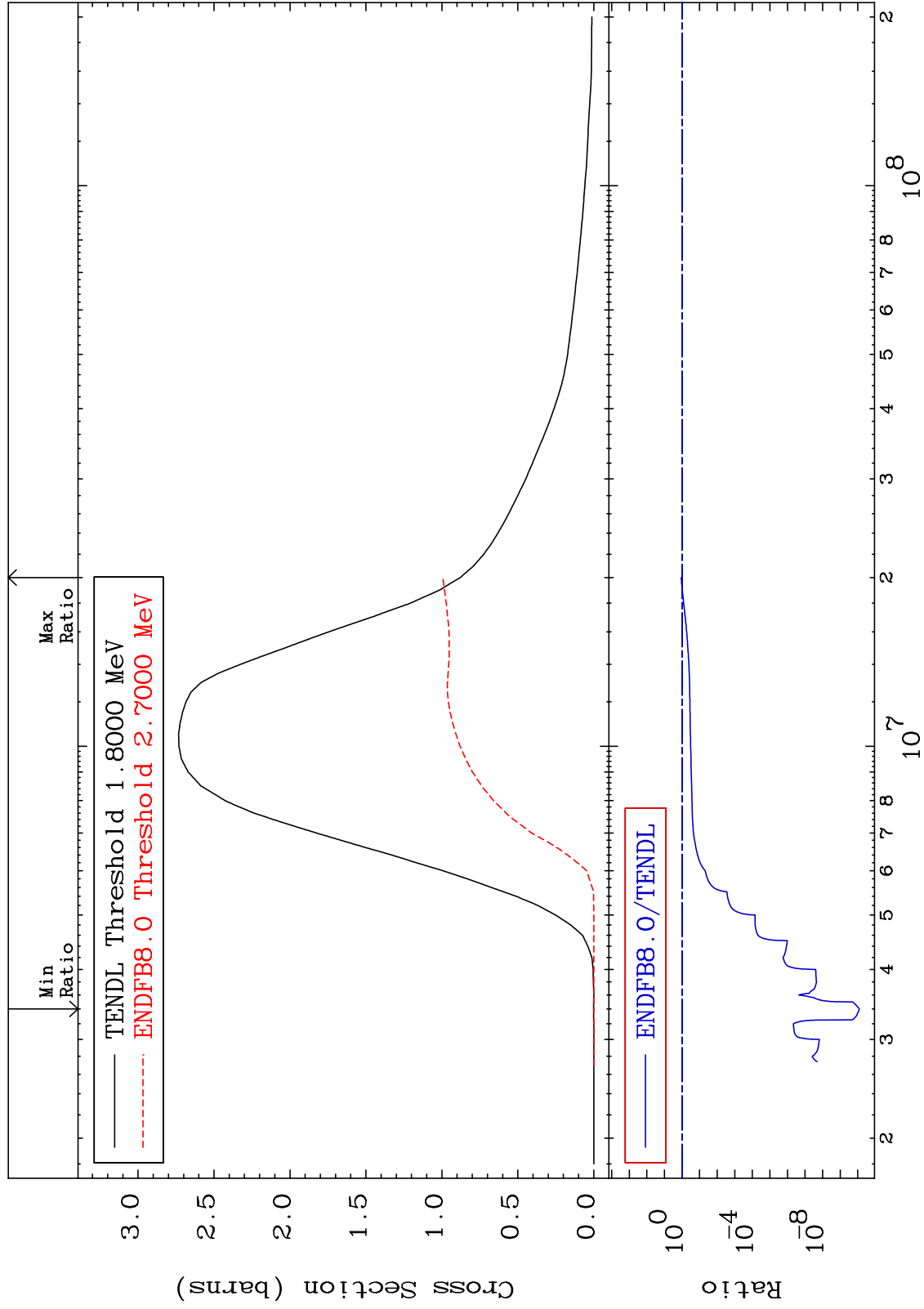
96-Cm-243
-91.11 To 6876. %



MAT 9634

(n, nf) Second Chance
Cross Section

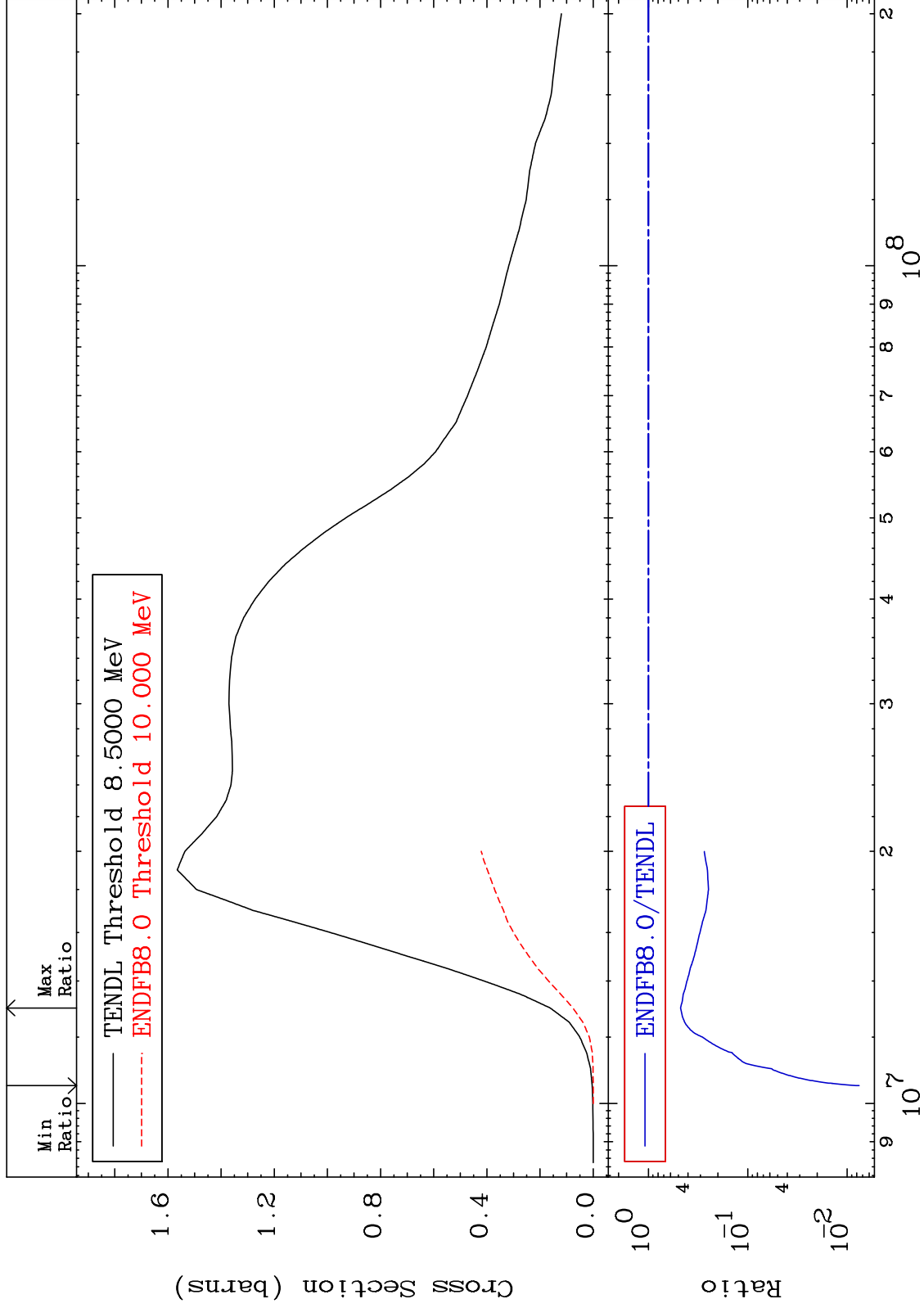
96-Cm-243
-100.0 To 13.19 %



MAT 9634

(n,2nf) Third Chance
Cross Section

96-Cm-243
-99.24 To -52.61%



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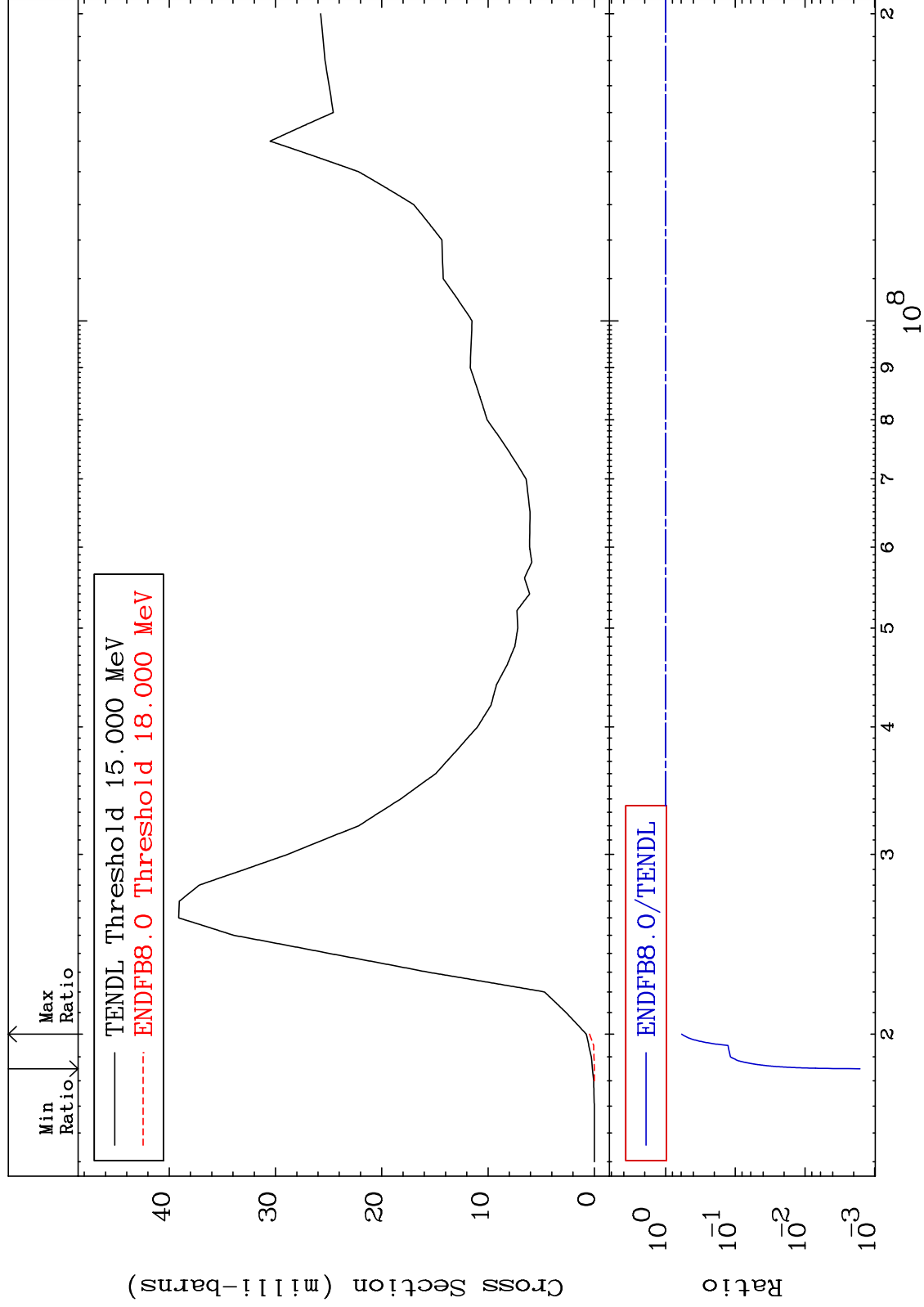
Incident Energy (eV)

96-Cm-243

MAT 9634

(n,3nf) Fourth Chance
Cross Section

96-Cm-243
-99.84 To -41.04%



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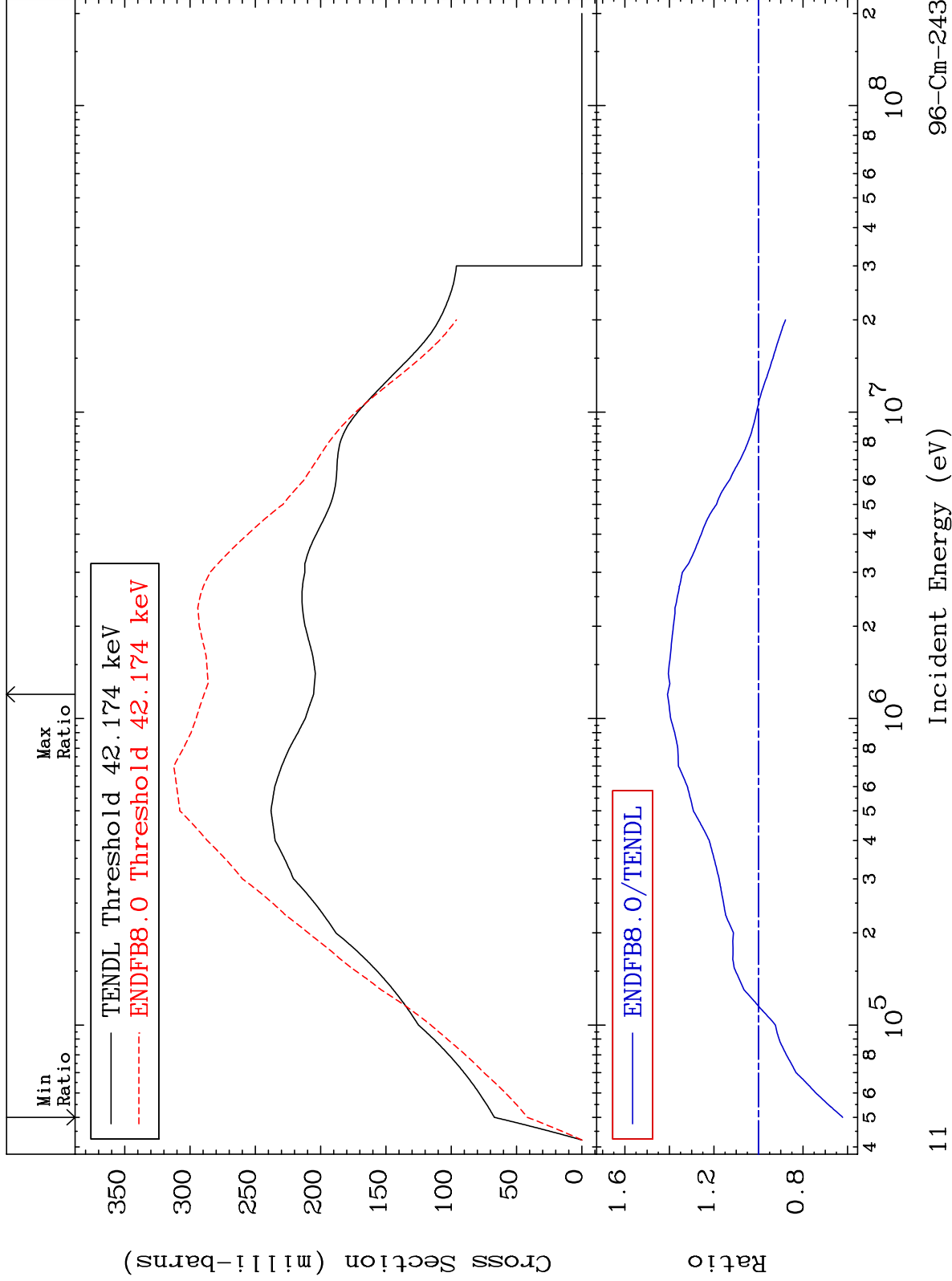
Incident Energy (eV)

96-Cm-243

MAT 9634

MT= 51 (n,n') Level
Cross Section

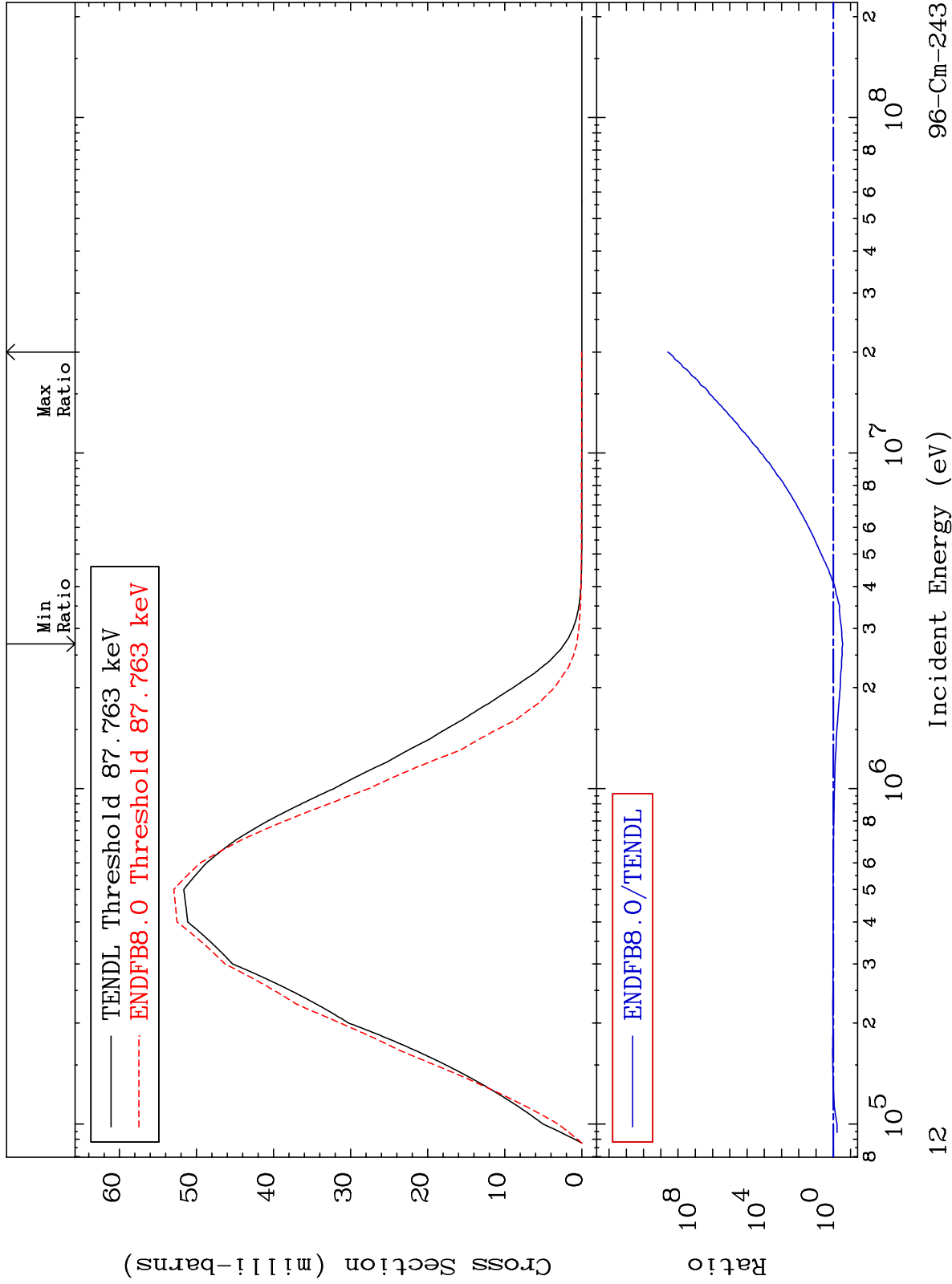
96-Cm-243
-37.76 To 40.85 %



MAT 9634

MT= 52 (n,n') Level
Cross Section

96-Cm-243
-71.27 To 9999. %



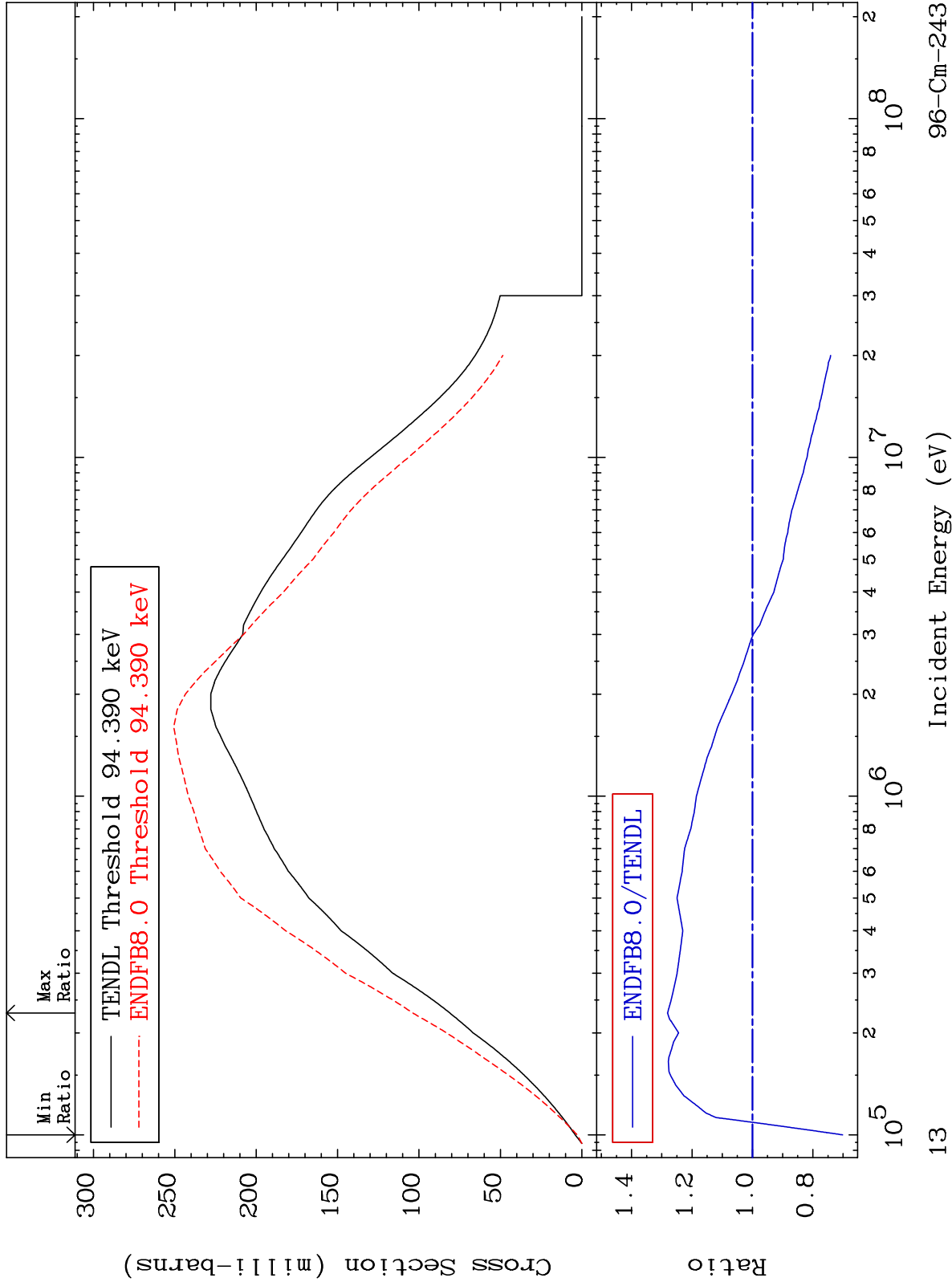
96-Cm-243

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MAT 9634

MT= 53 (n,n') Level
Cross Section

96-Cm-243
-29.87 To 28.10 %



96-Cm-243

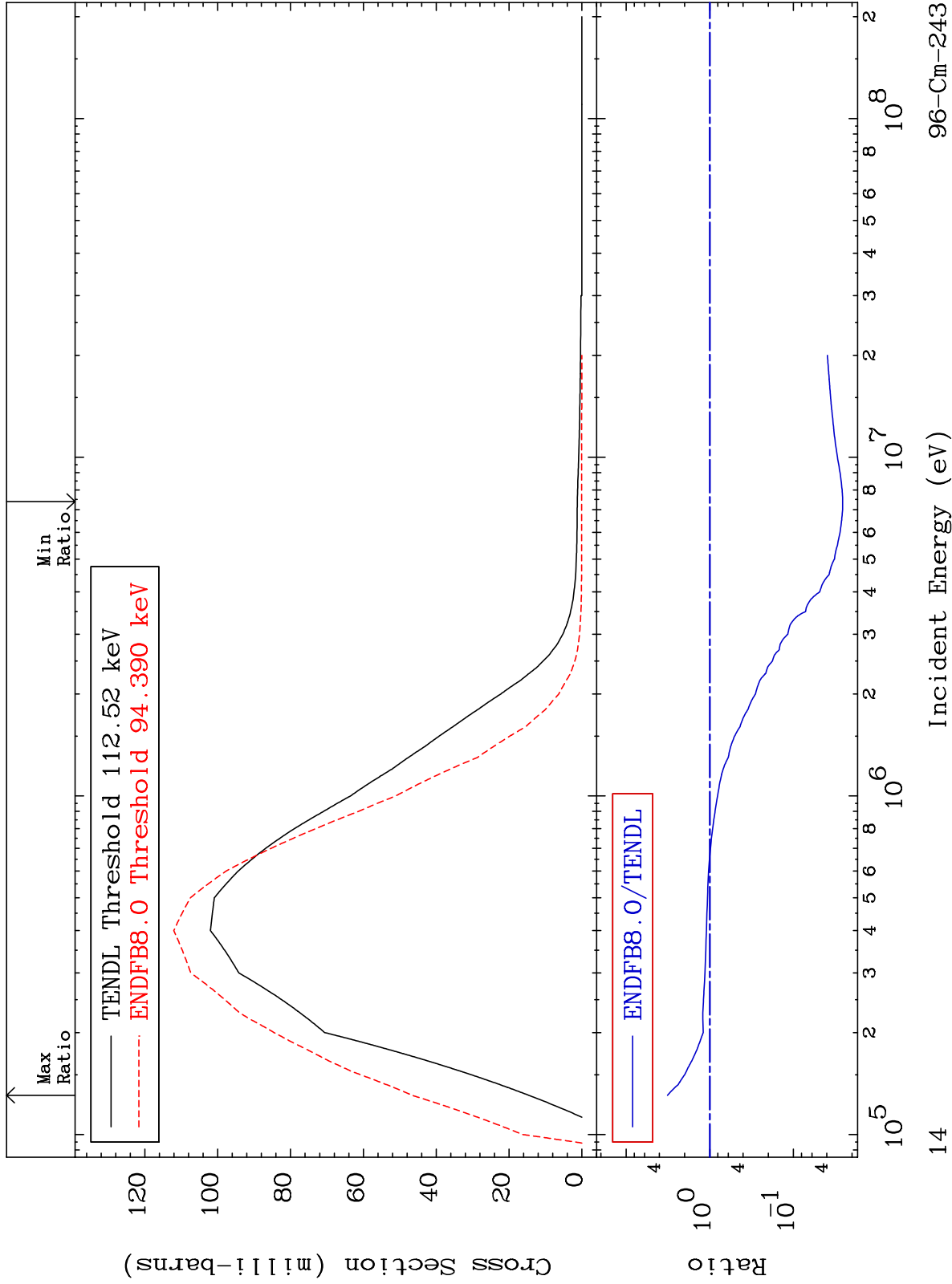
Incident Energy (eV)

13

MAT 9634

MT= 54 (n,n') Level
Cross Section

96-Cm-243
-97.42 To 219.7 %

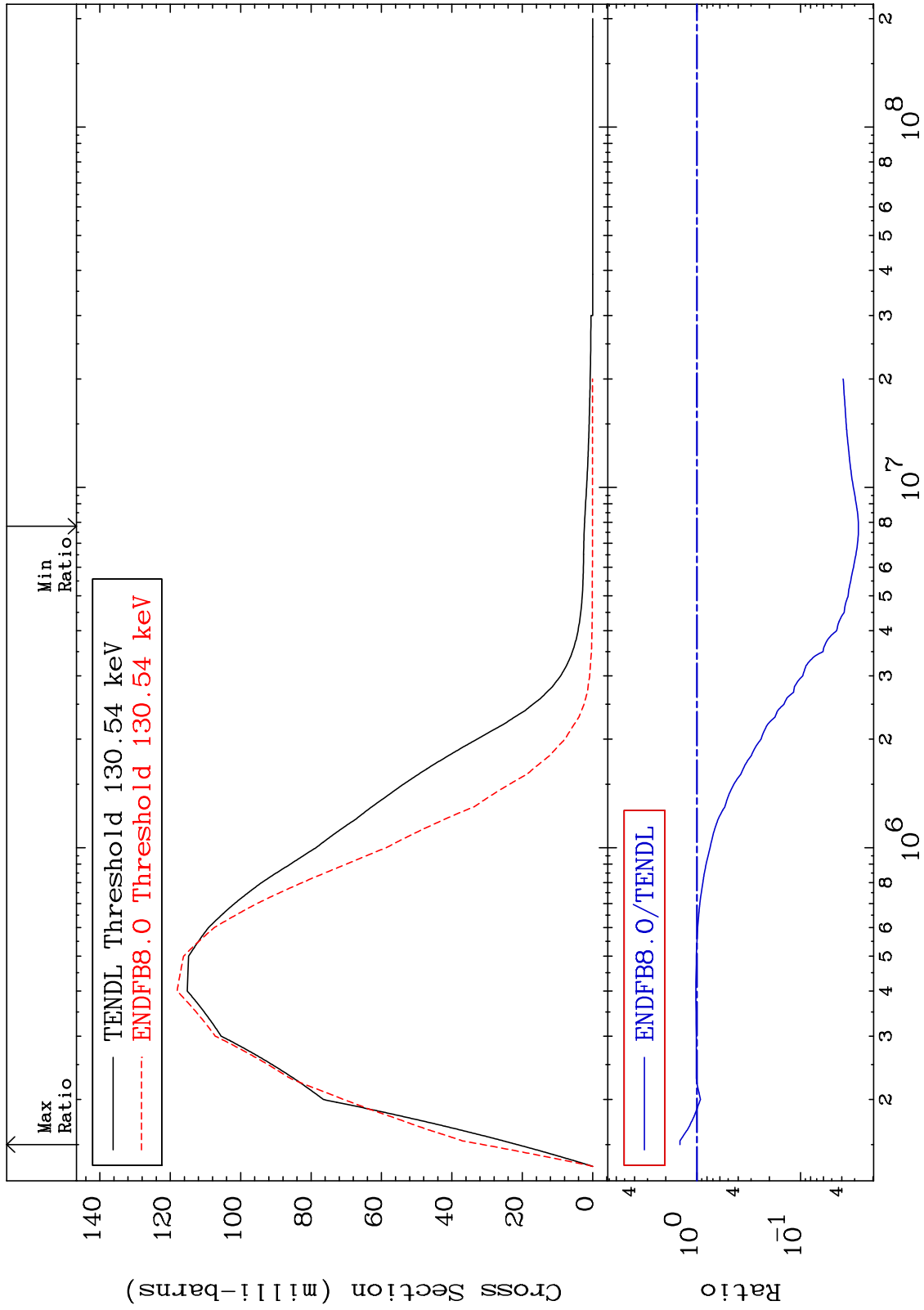


96-Cm-243

MAT 9634

MT= 55 (n,n') Level
Cross Section

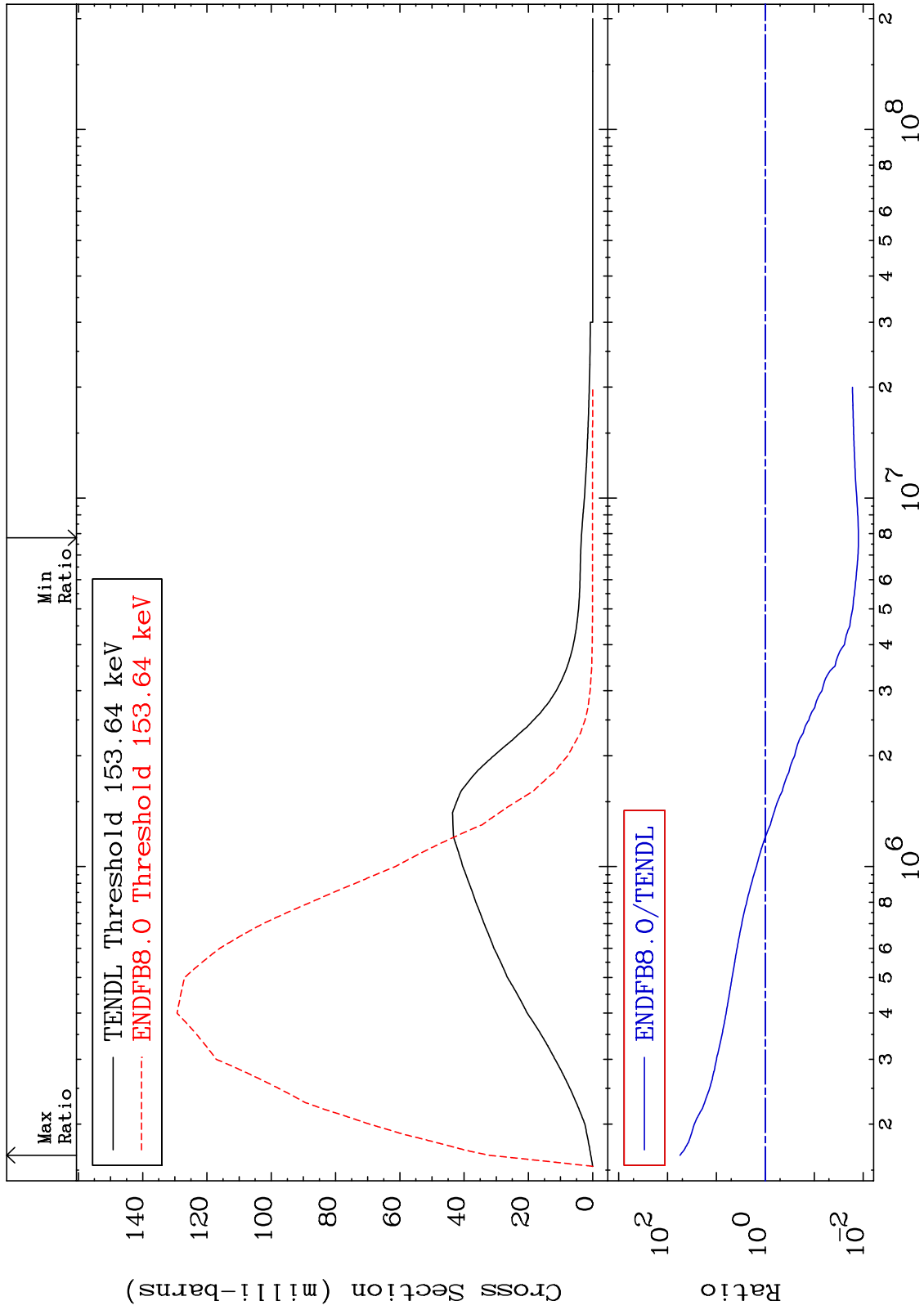
96-Cm-243
-97.23 To 45.56 %



MAT 9634

MT= 56 (n,n') Level
Cross Section

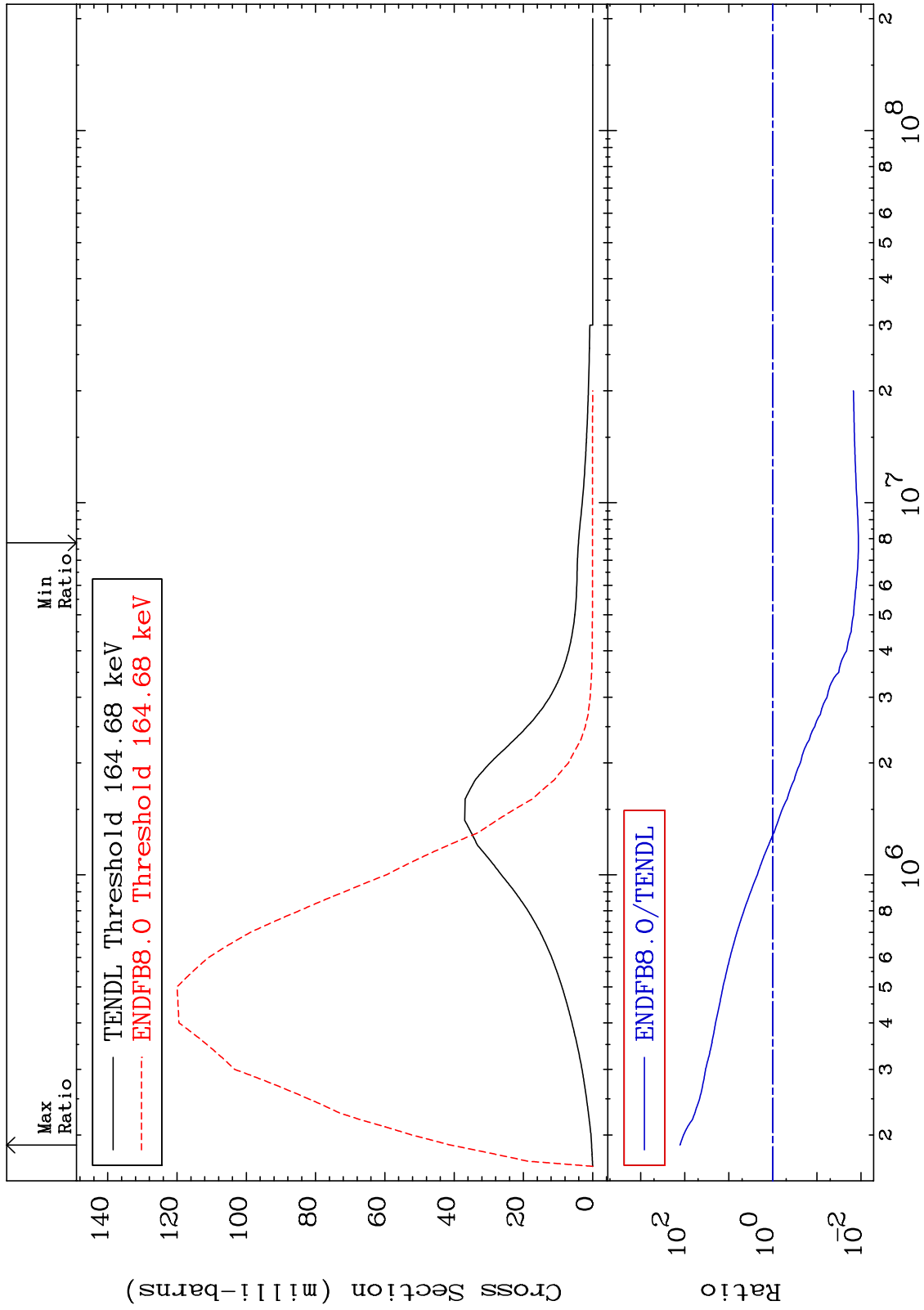
96-Cm-243
-98.75 To 5465. %



MAT 9634

MT= 57 (n,n') Level
Cross Section

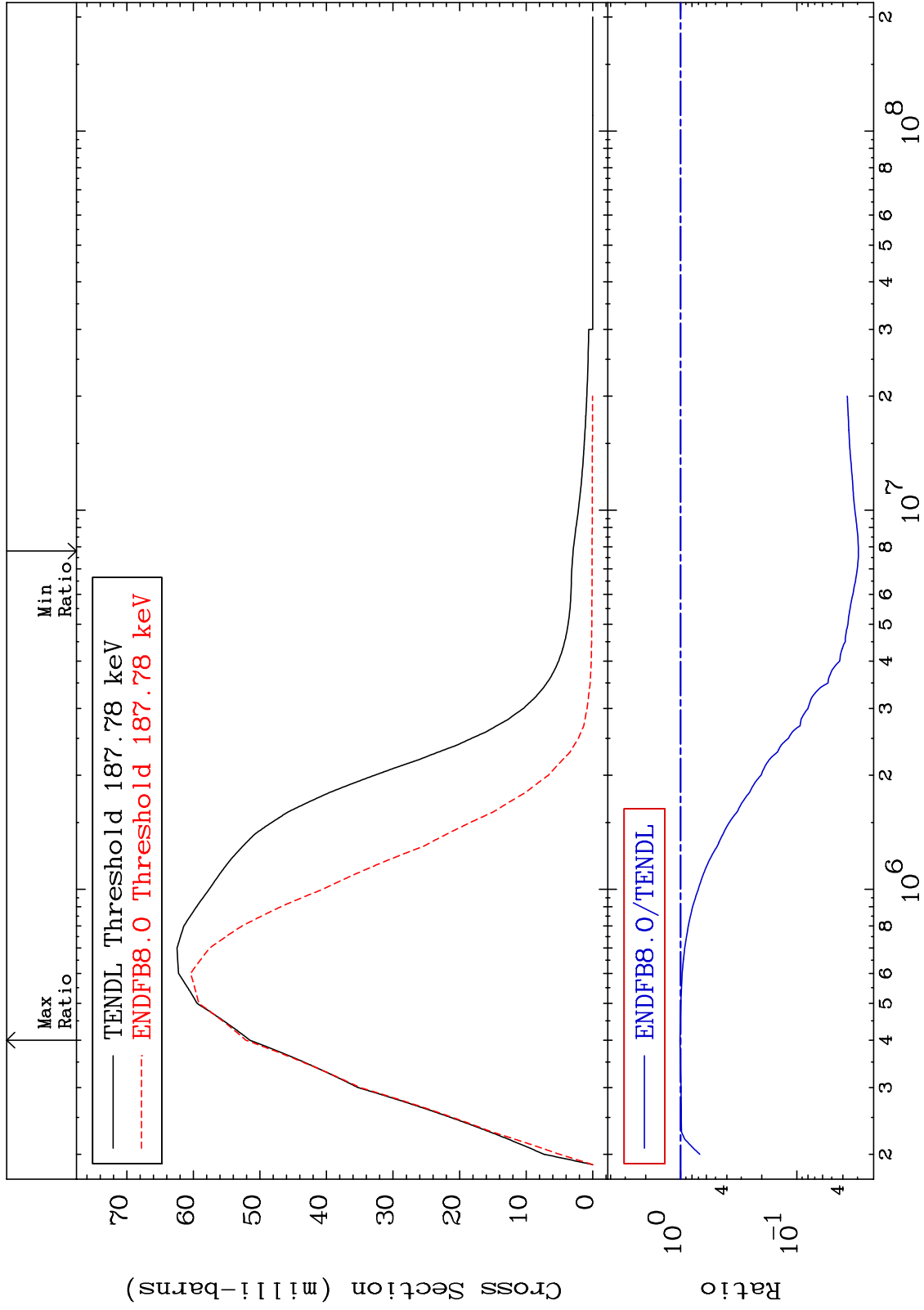
96-Cm-243
-98.86 To 9999. %



MAT 9634

MT= 58 (n,n') Level
Cross Section

96-Cm-243
-97.05 To 1.152 %



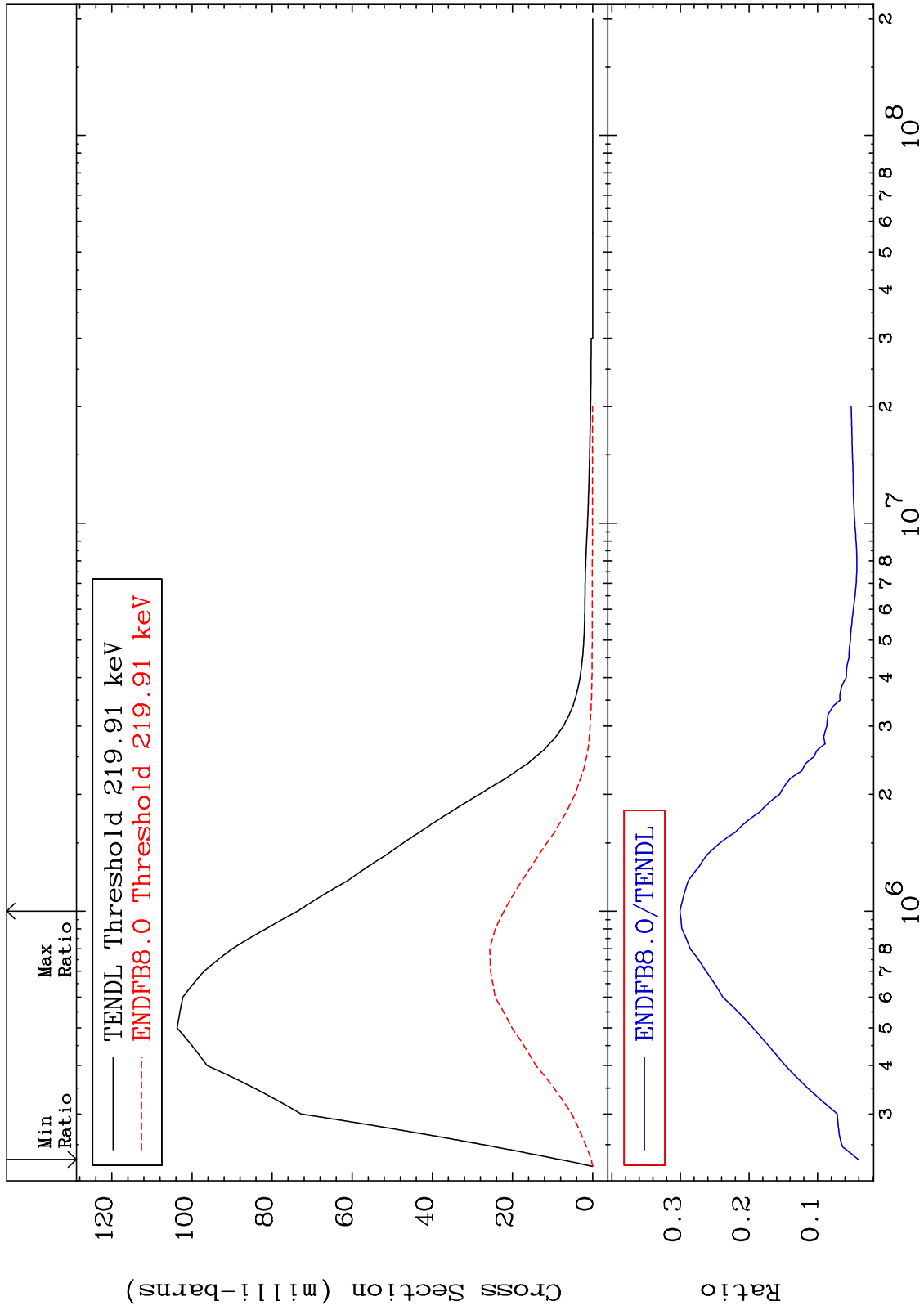
18

96-Cm-243

MAT 9634

MT= 59 (n,n') Level
Cross Section

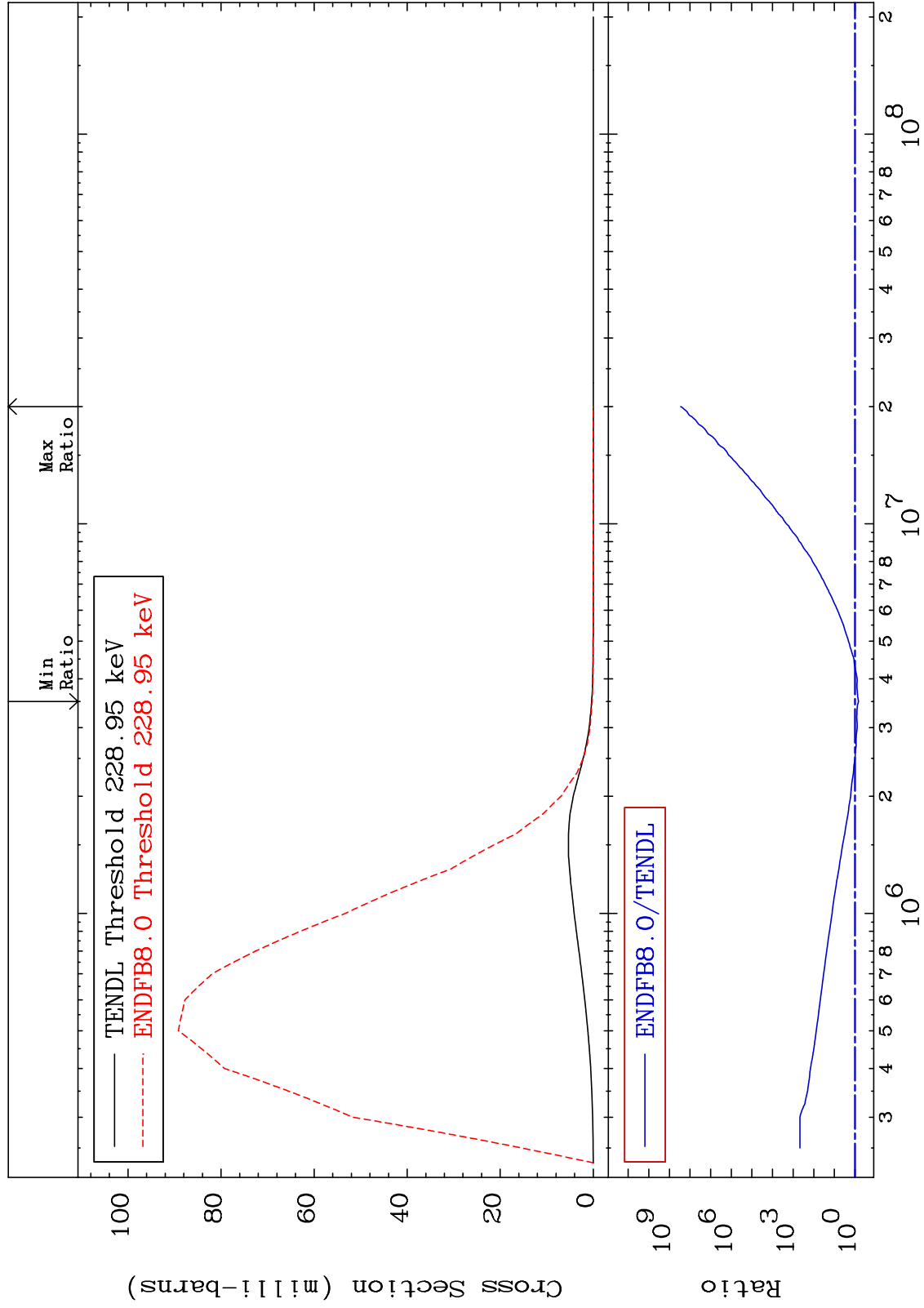
96-Cm-243
-95.94 To -69.94%



MAT 9634

MT= 60 (n,n') Level
Cross Section

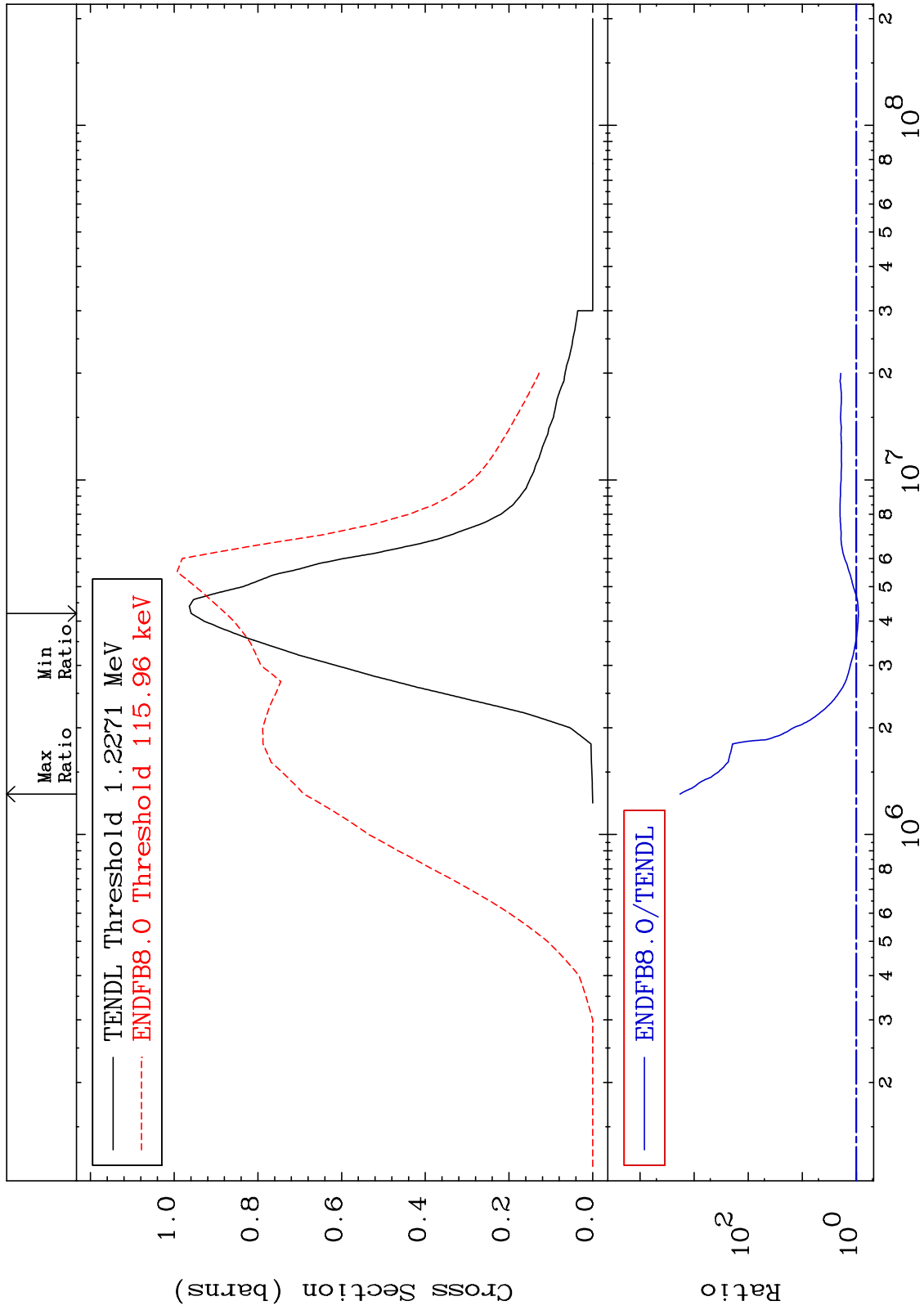
96-Cm-243
-32.78 To 9999. %



MAT 9634

(n, n') Continuum
Cross Section

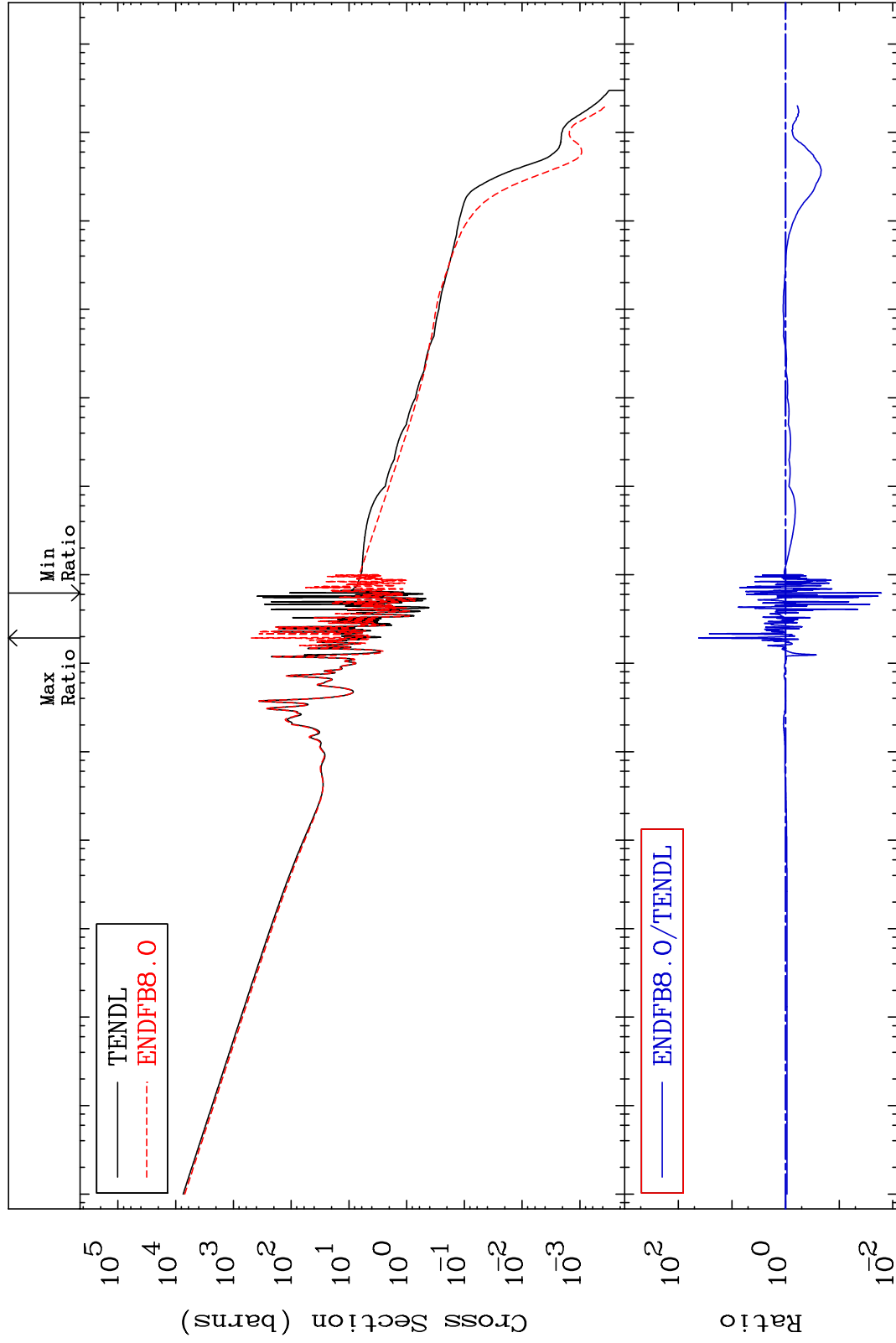
96-Cm-243
-8.628 To 9999. %



MAT 9634

(n, γ)
Cross Section

96-Cm-243
-98.38 To 4060. %



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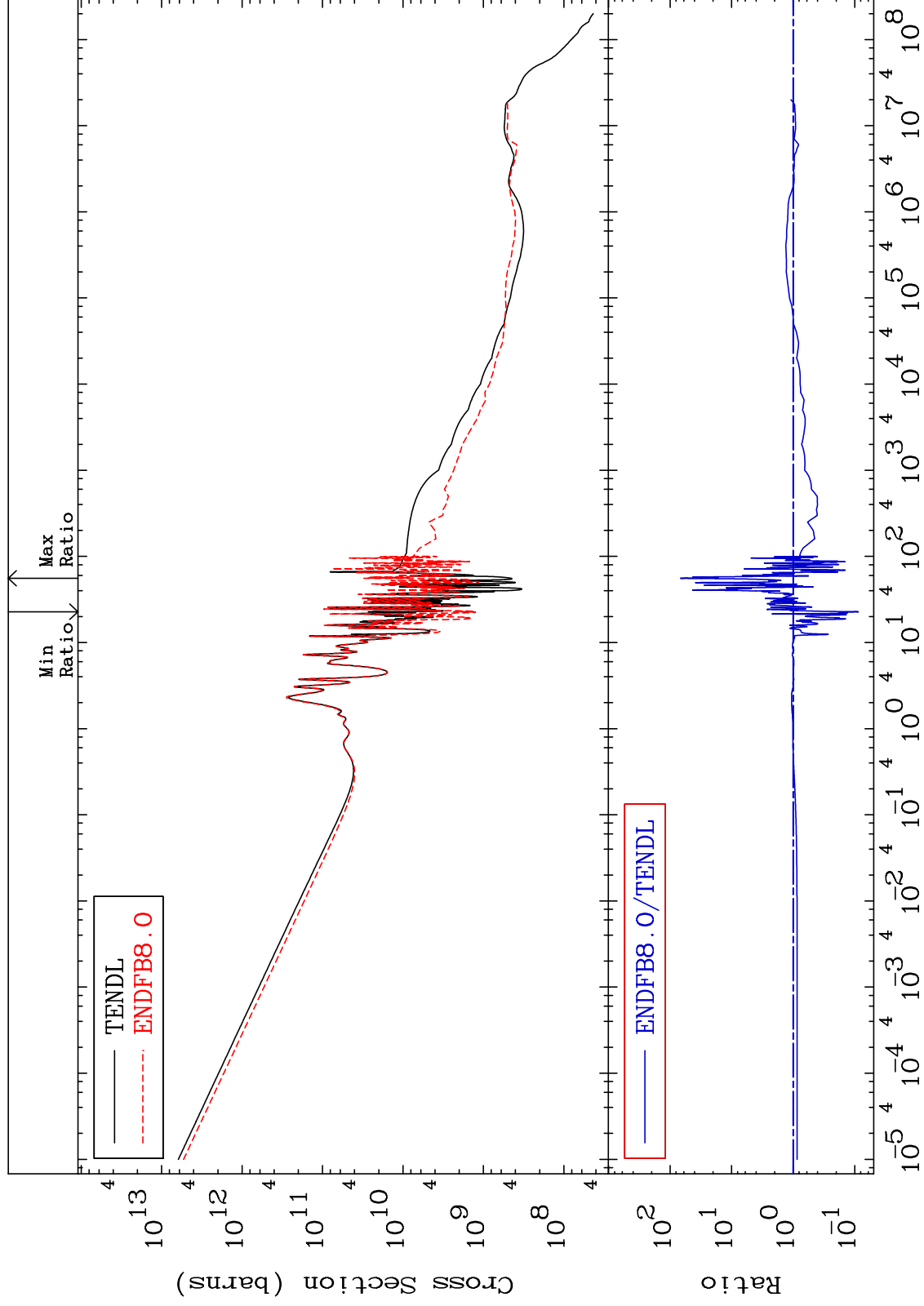
Incident Energy (eV)

96-Cm-243

MAT 9634

Kerma total (eV-barns)
Cross Section

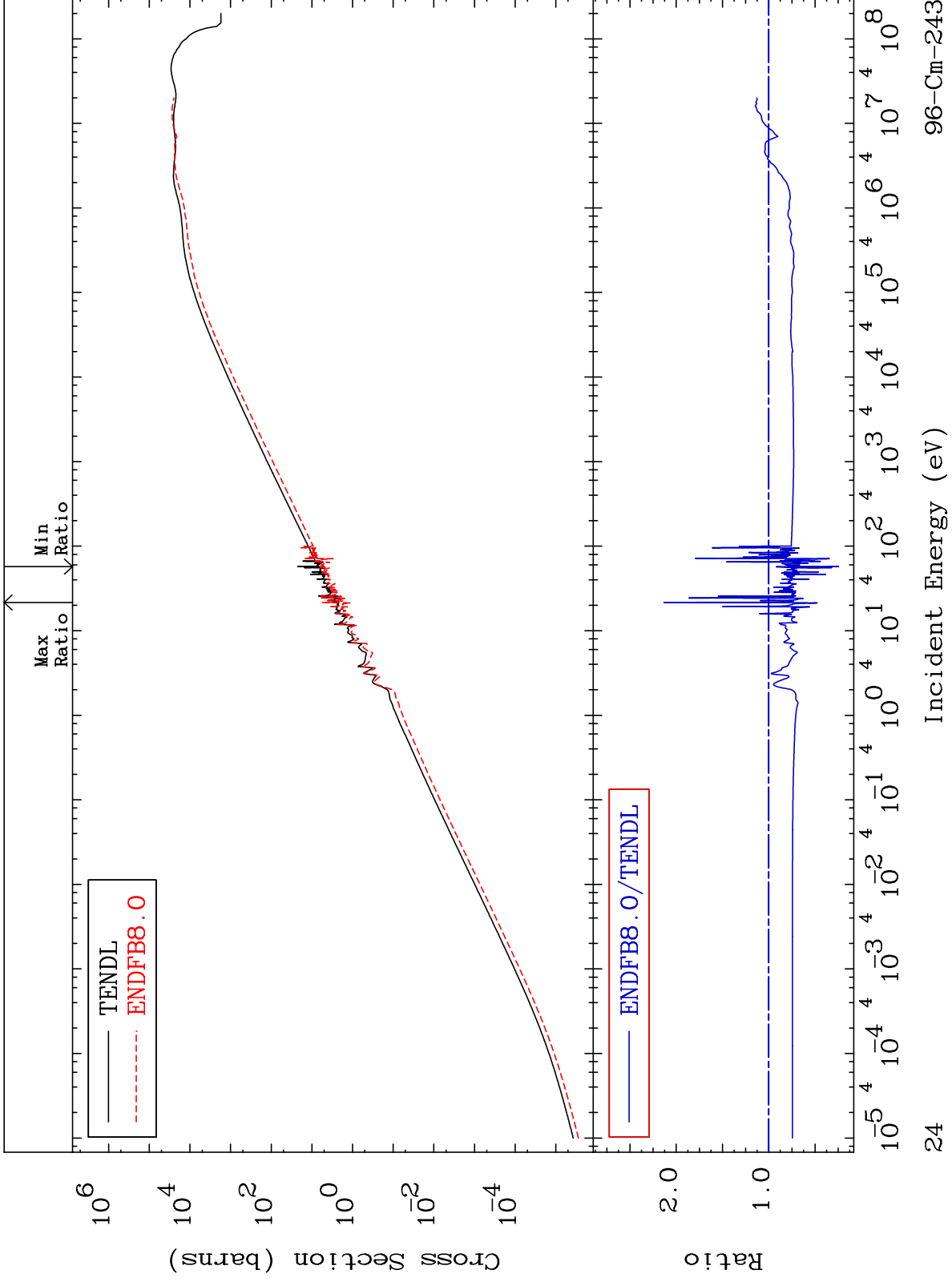
96-Cm-243
-91.34 To 6693. %



MAT 9634

Kerma elastic
Cross Section

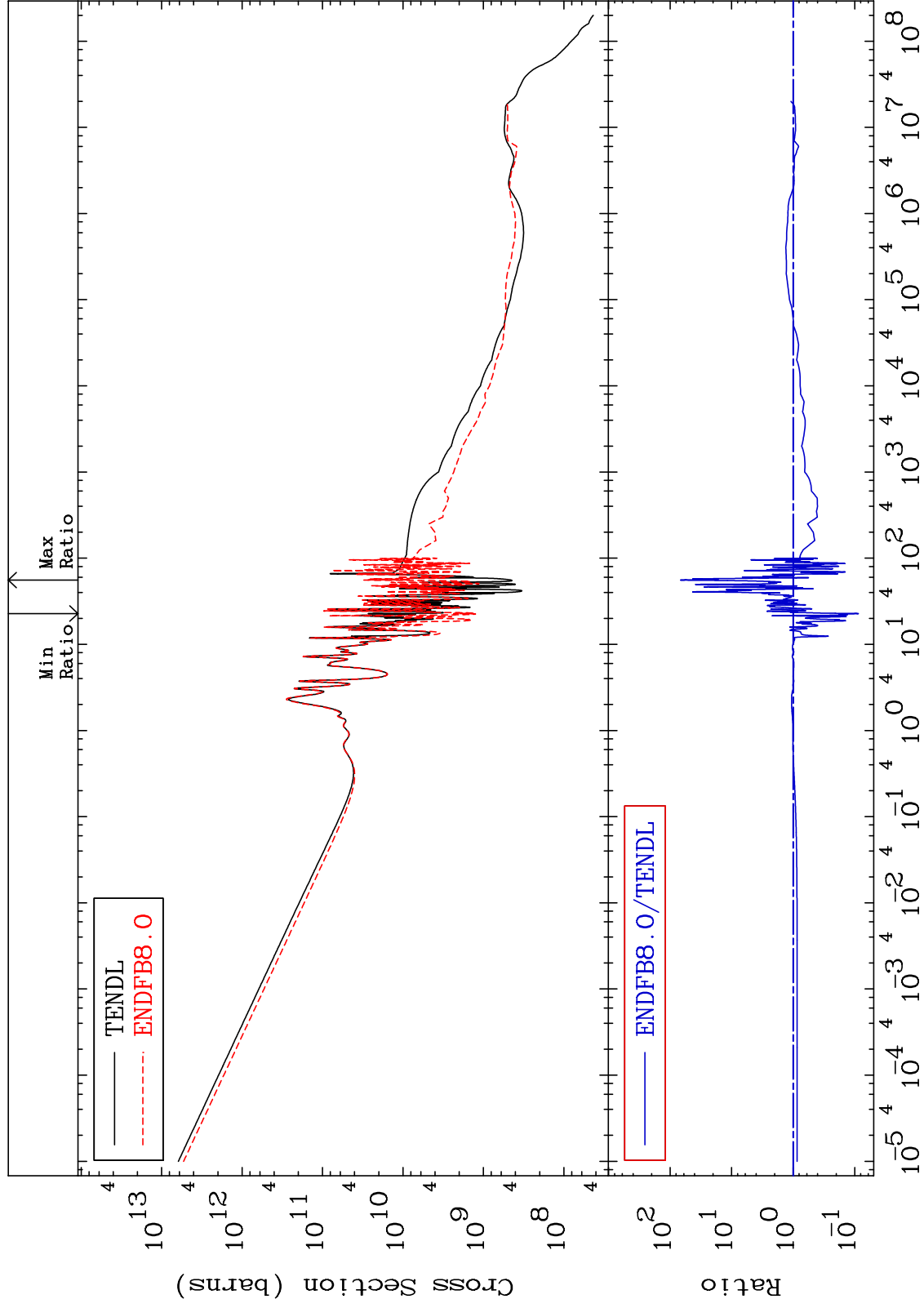
96-Cm-243
-75.74 To 113.2 %



MAT 9634

Kerma non-elastic (all but mt2)
Cross Section

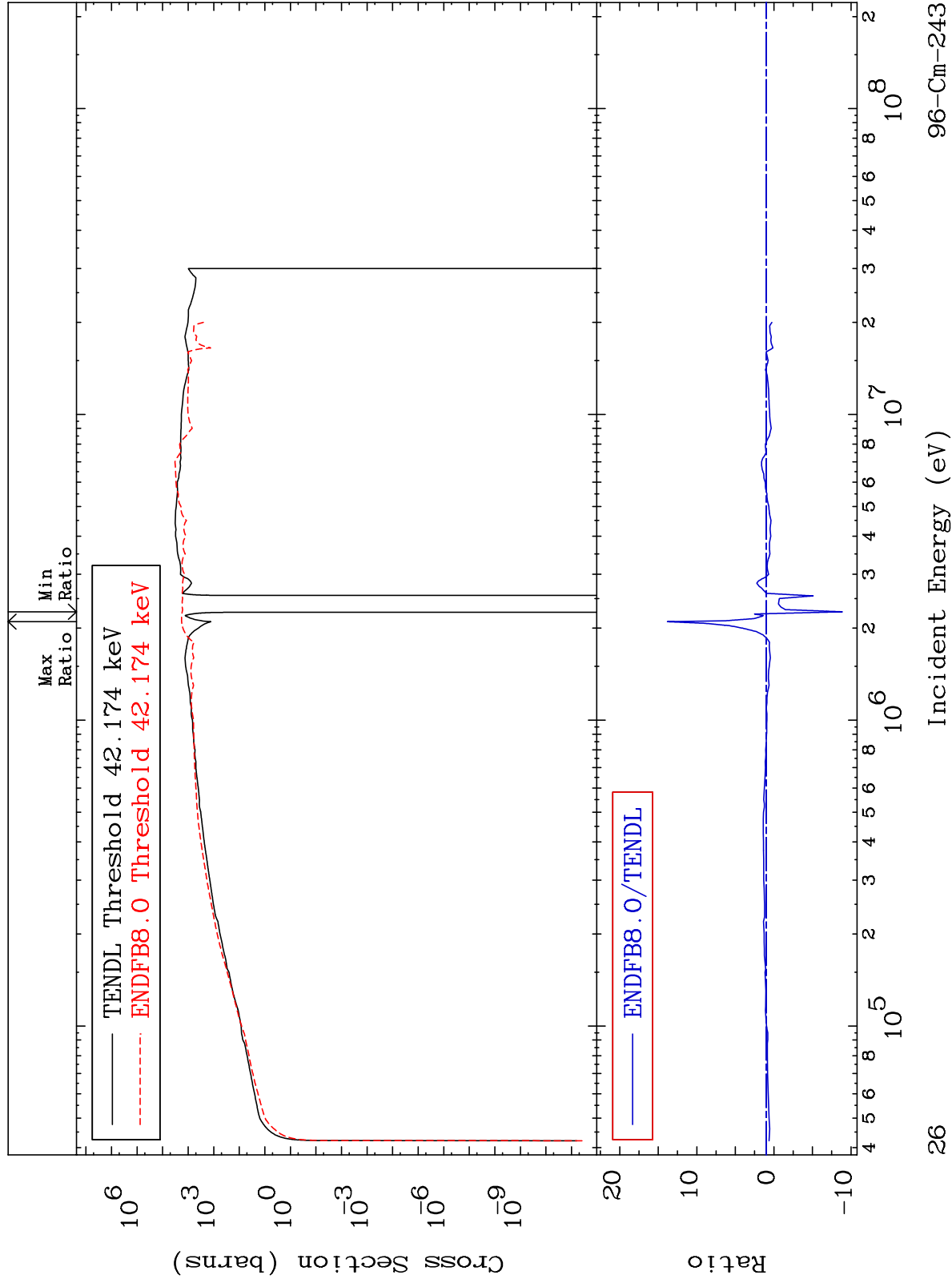
96-Cm-243
-91.34 To 6693. %



MAT 9634

Kerma inelastic (mt51-91)
Cross Section

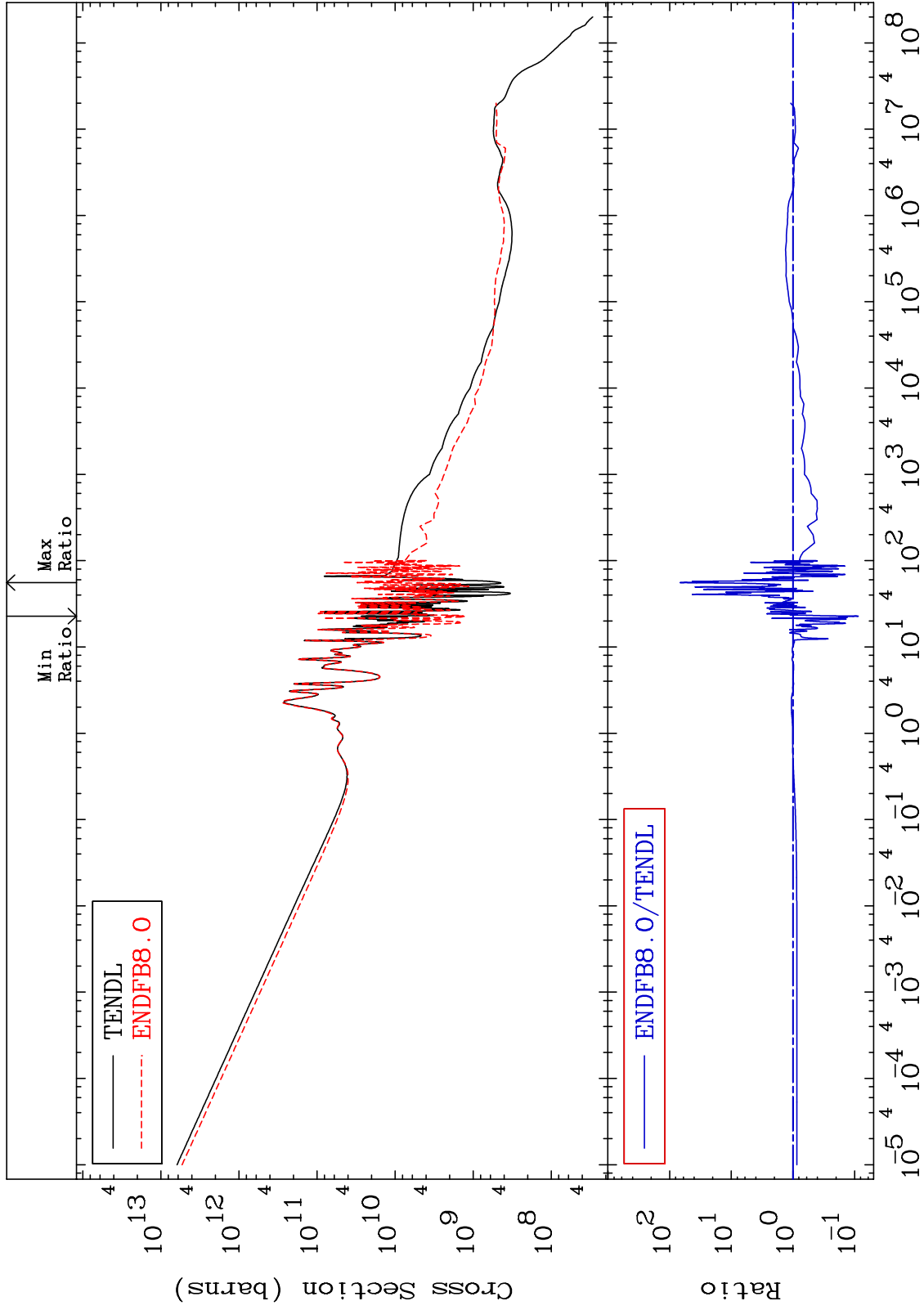
96-Cm-243
-985.2 To 1280. %



MAT 9634

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

96-Cm-243
-91.34 To 6693. %



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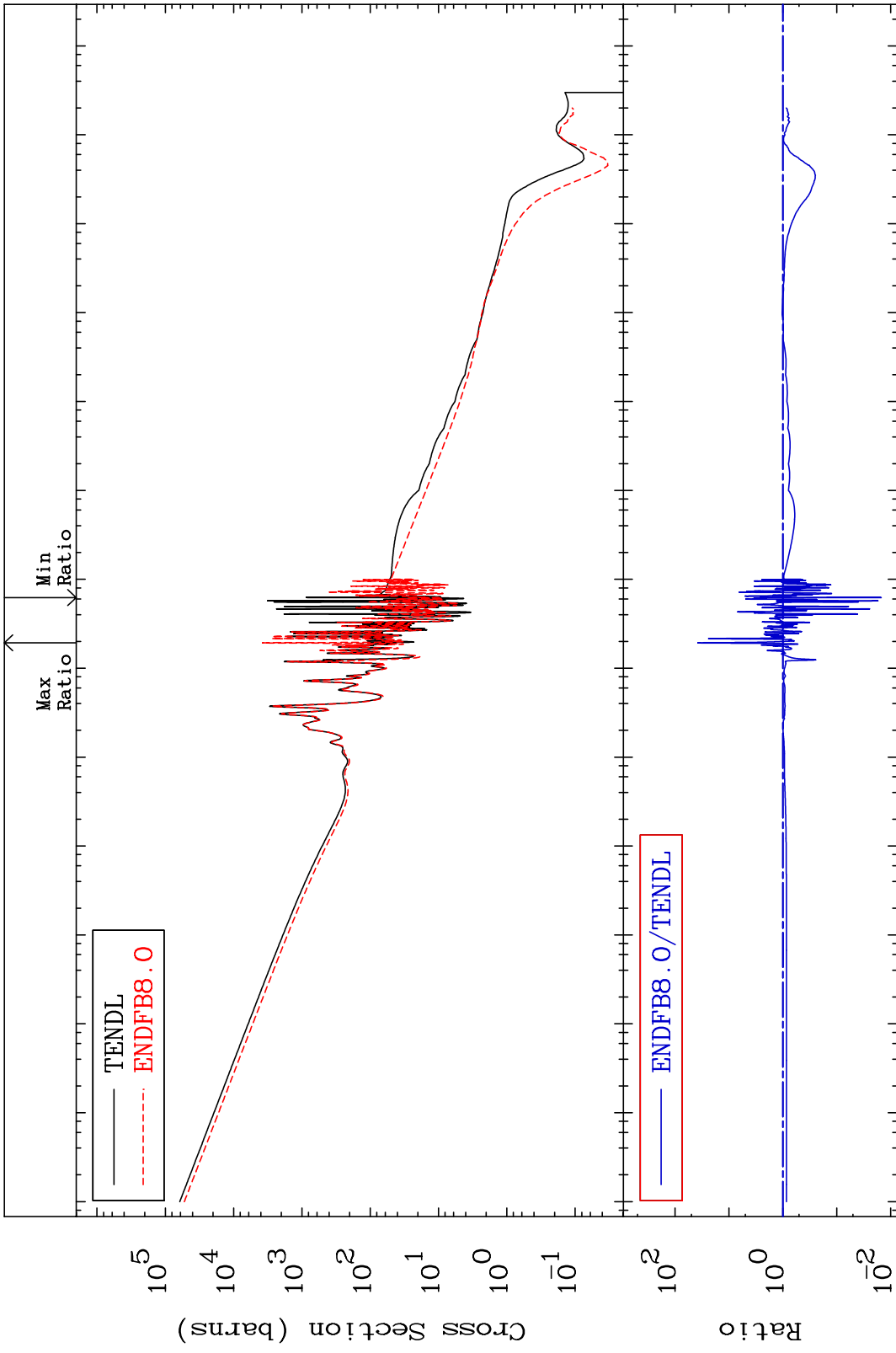
Incident Energy (eV)

96-Cm-243

MAT 9634

Kerma capture (mt102)
Cross Section

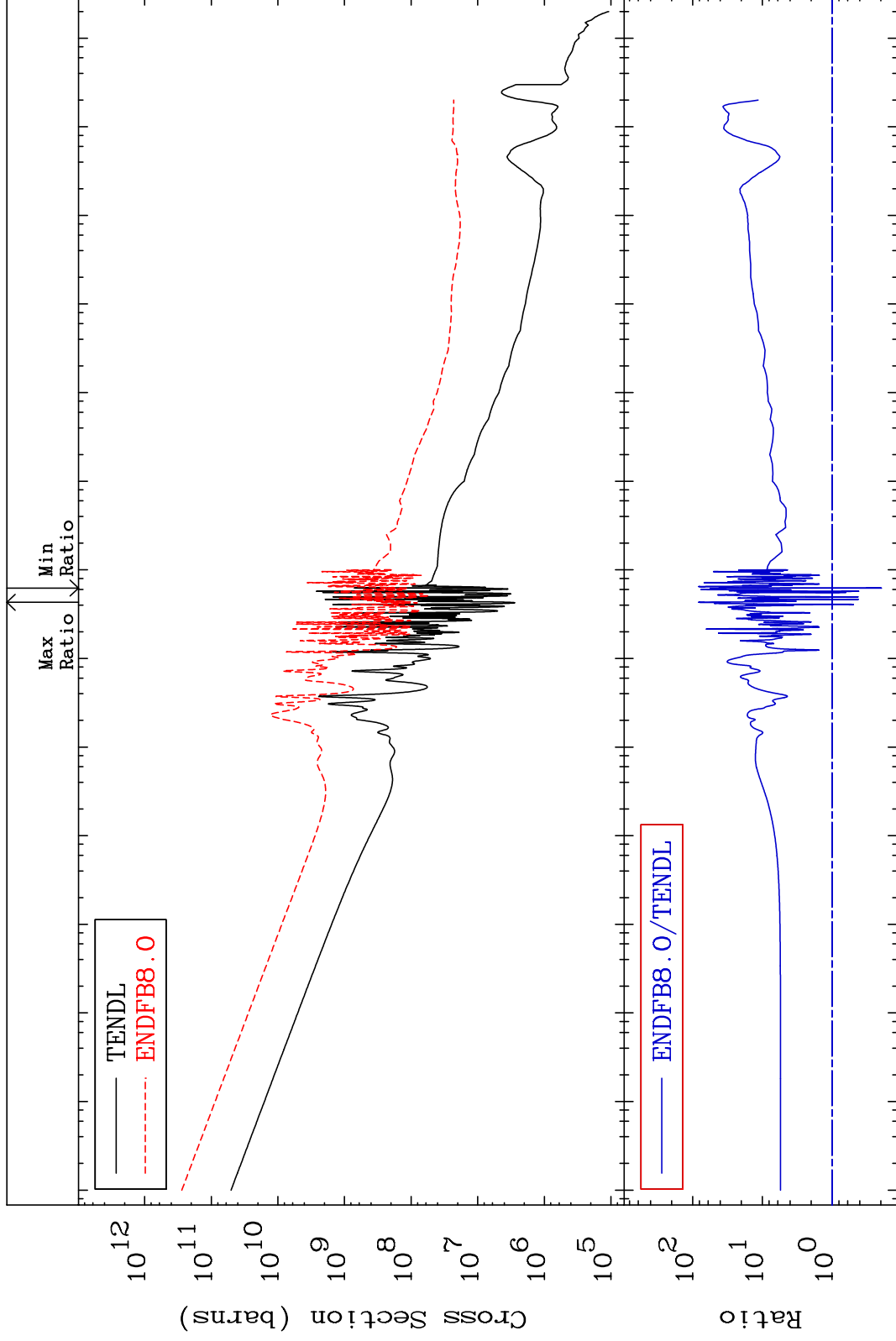
96-Cm-243
-98.52 To 3698. %



MAT 9634

Total photon (eV-barns)
Cross Section

96-Cm-243
-80.44 To 8166. %



10¹²
10¹¹
10¹⁰
10⁹
10⁸
10⁷
10⁶
10⁵
10²
10¹
10⁰

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

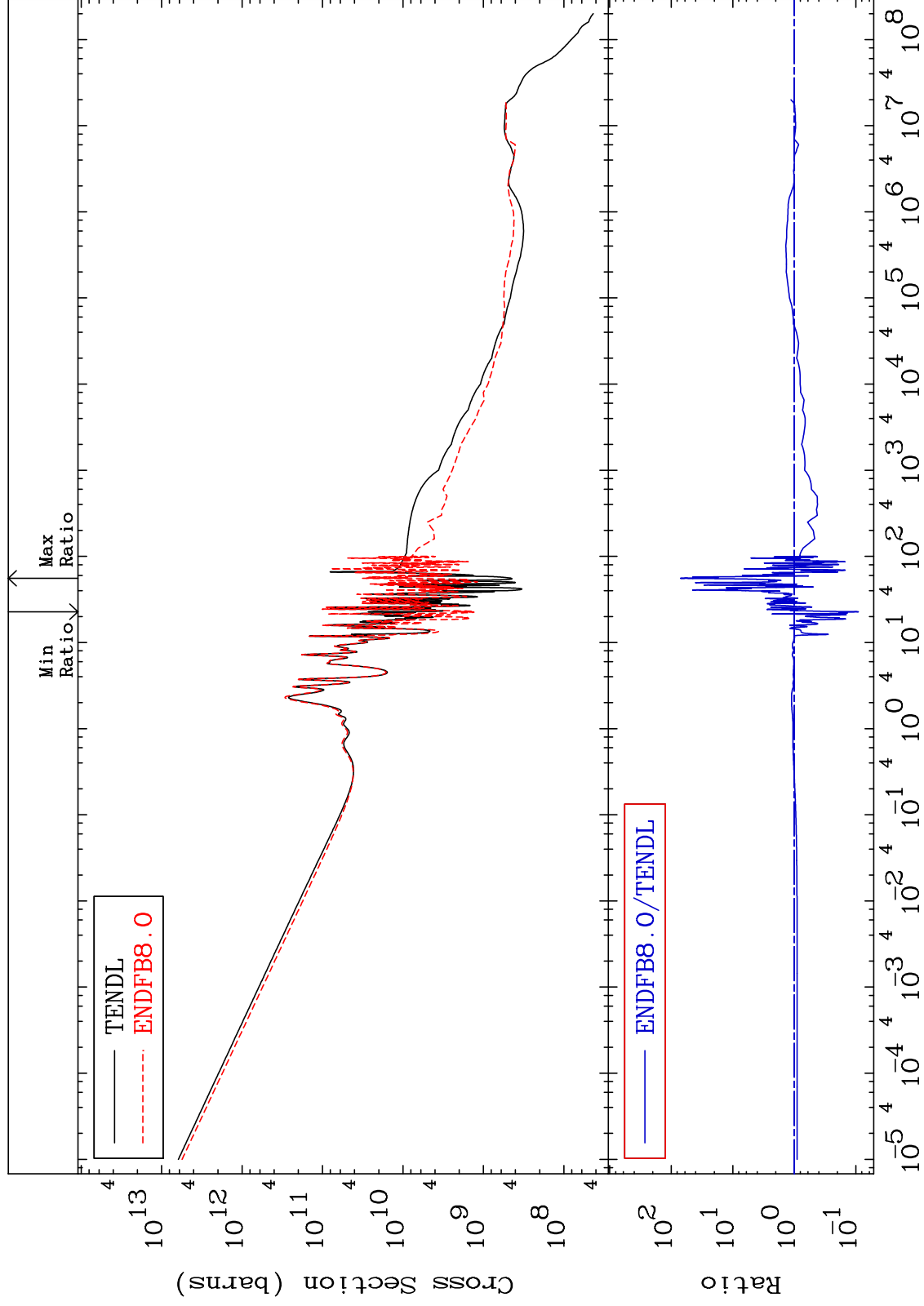
Incident Energy (eV)

96-Cm-243

MAT 9634

Total kinematic kerma (high limit)
Cross Section

96-Cm-243
-90.97 To 6986. %



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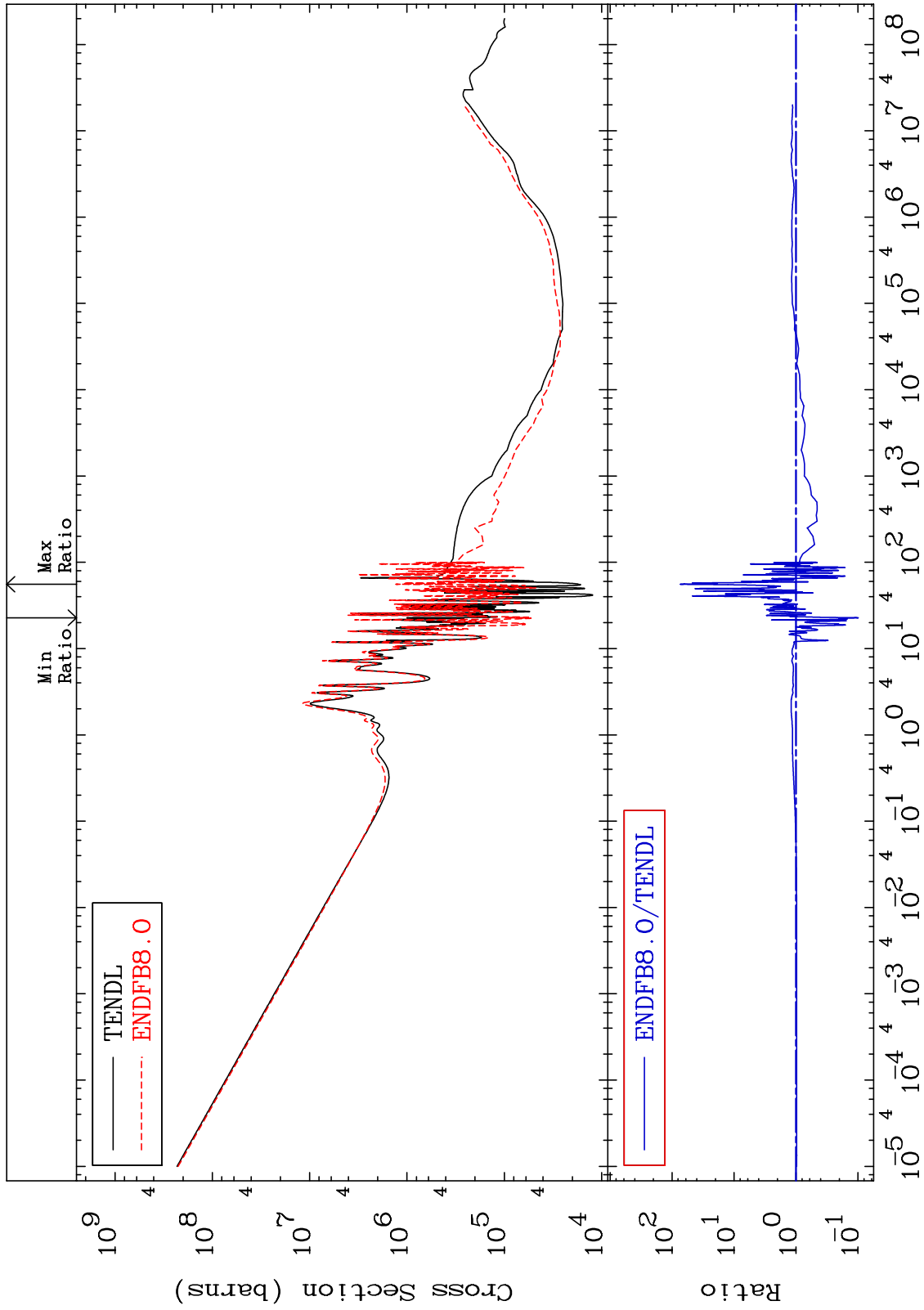
Incident Energy (eV)

96-Cm-243

MAT 9634

Dpa total (eV-barns)
Cross Section

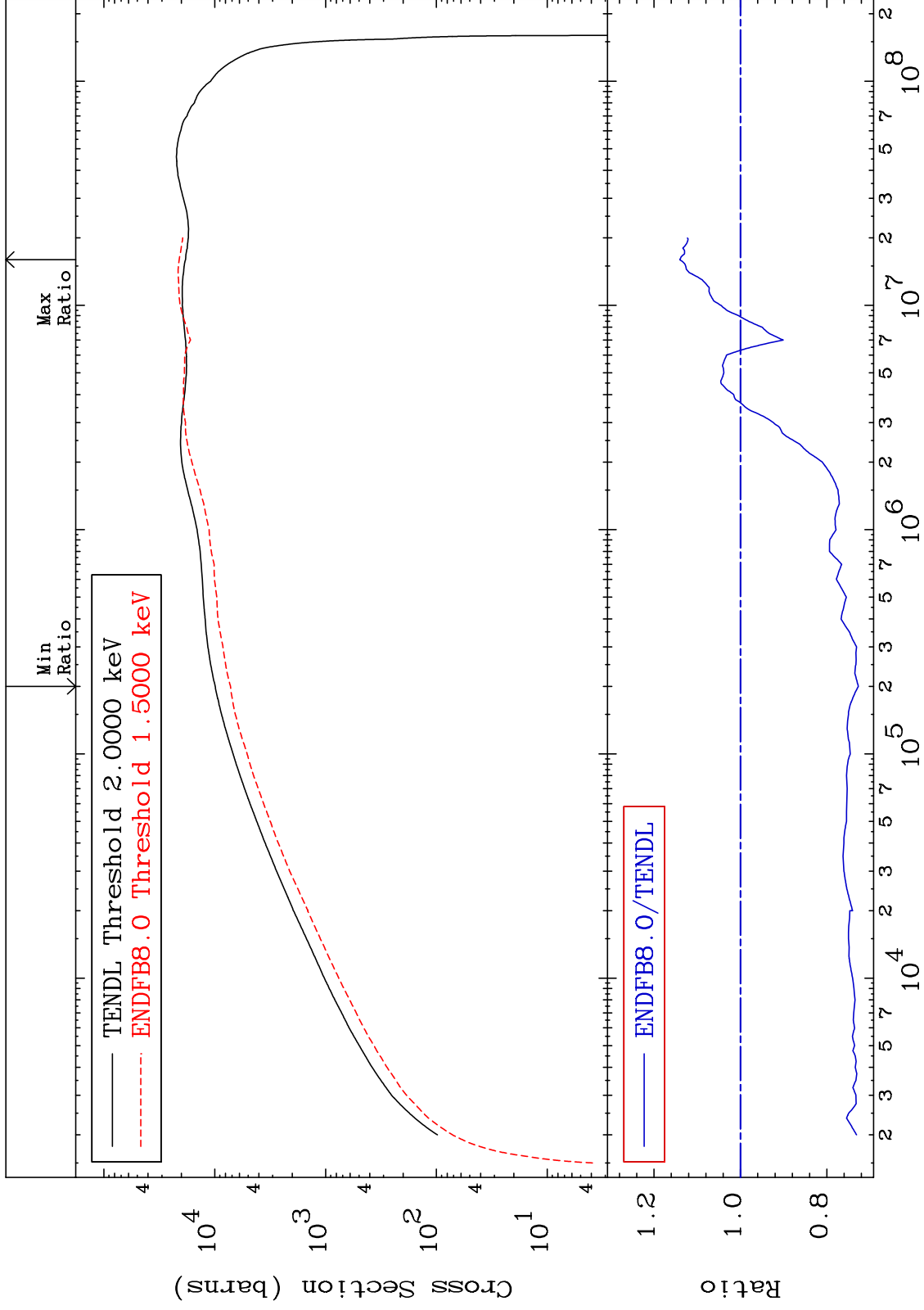
96-Cm-243
-90.16 To 7347. %



MAT 9634

Dpa elastic (mt2)
Cross Section

96-Cm-243
-27.28 To 14.04 %



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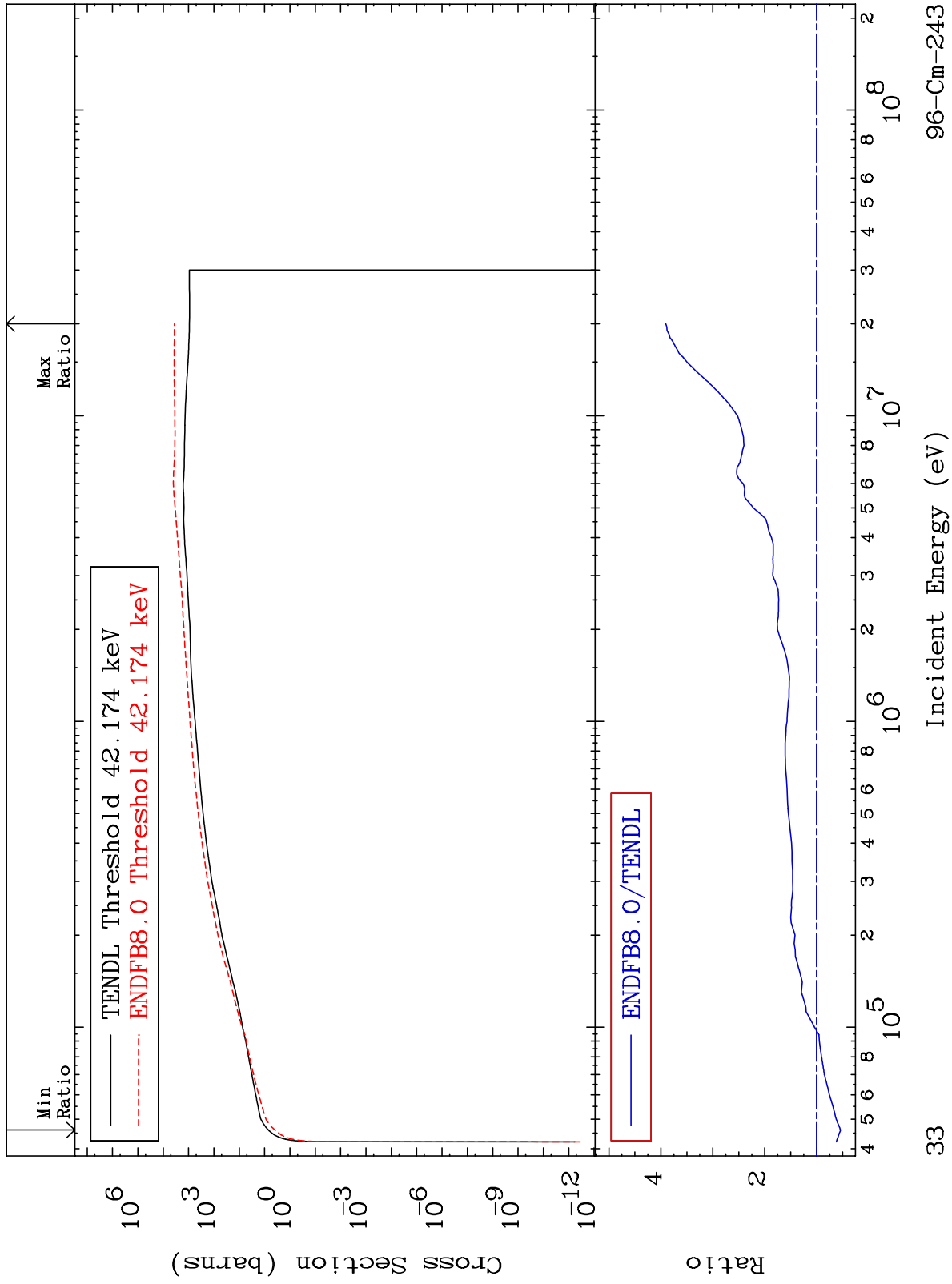
Incident Energy (eV)

96-Cm-243

MAT 9634

Dpa inelastic (mt51-91)
Cross Section

96-Cm-243
-45.84 To 290.4 %



MAT 9634

Dpa disappearance (mt102 -120)
Cross Section

96-Cm-243
-100.0 To 3124. %

