

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

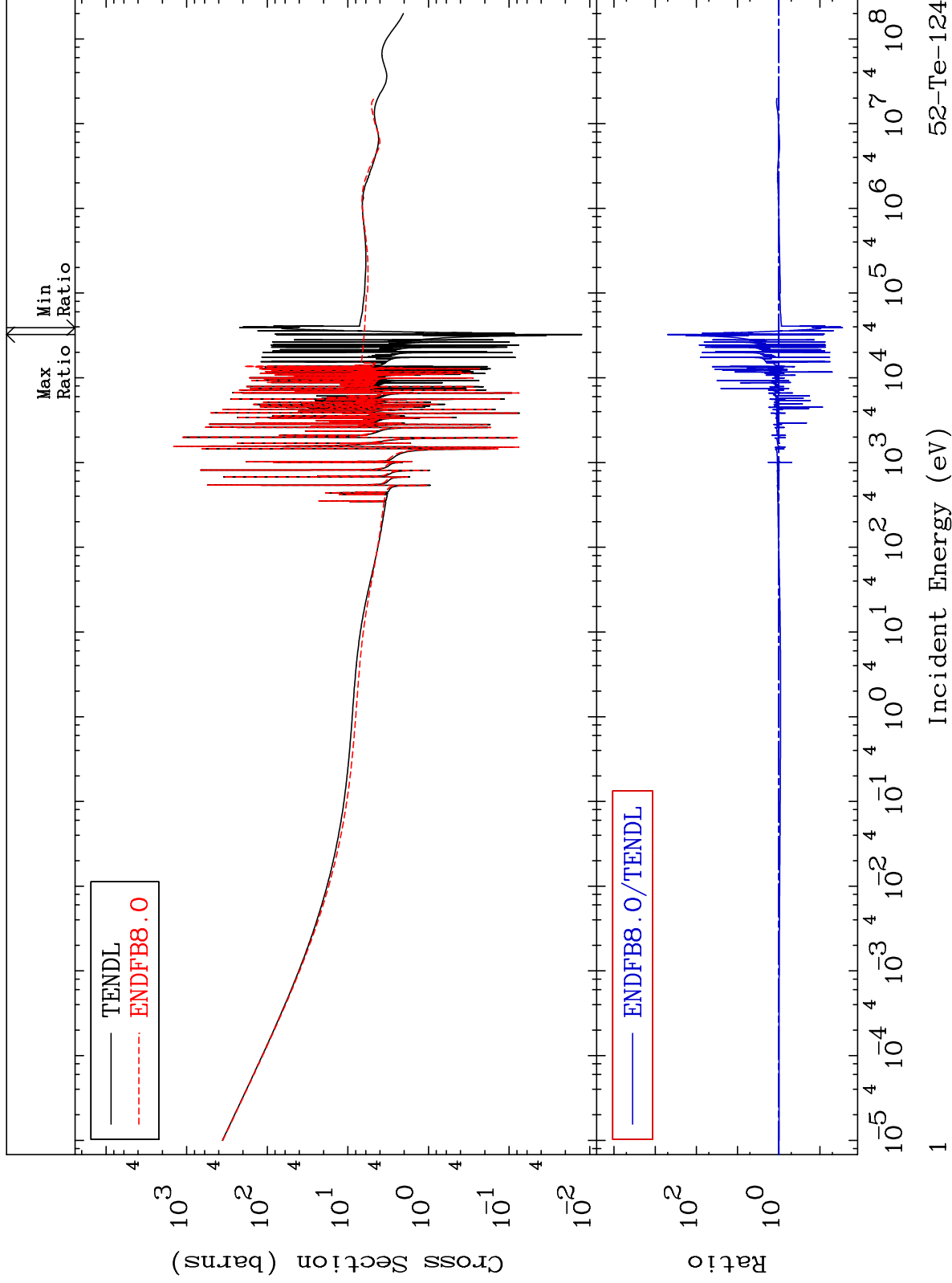
MAT 5237

Total

52-Te-124

Cross Section

-97.19 To 9999. %



52-Te-124

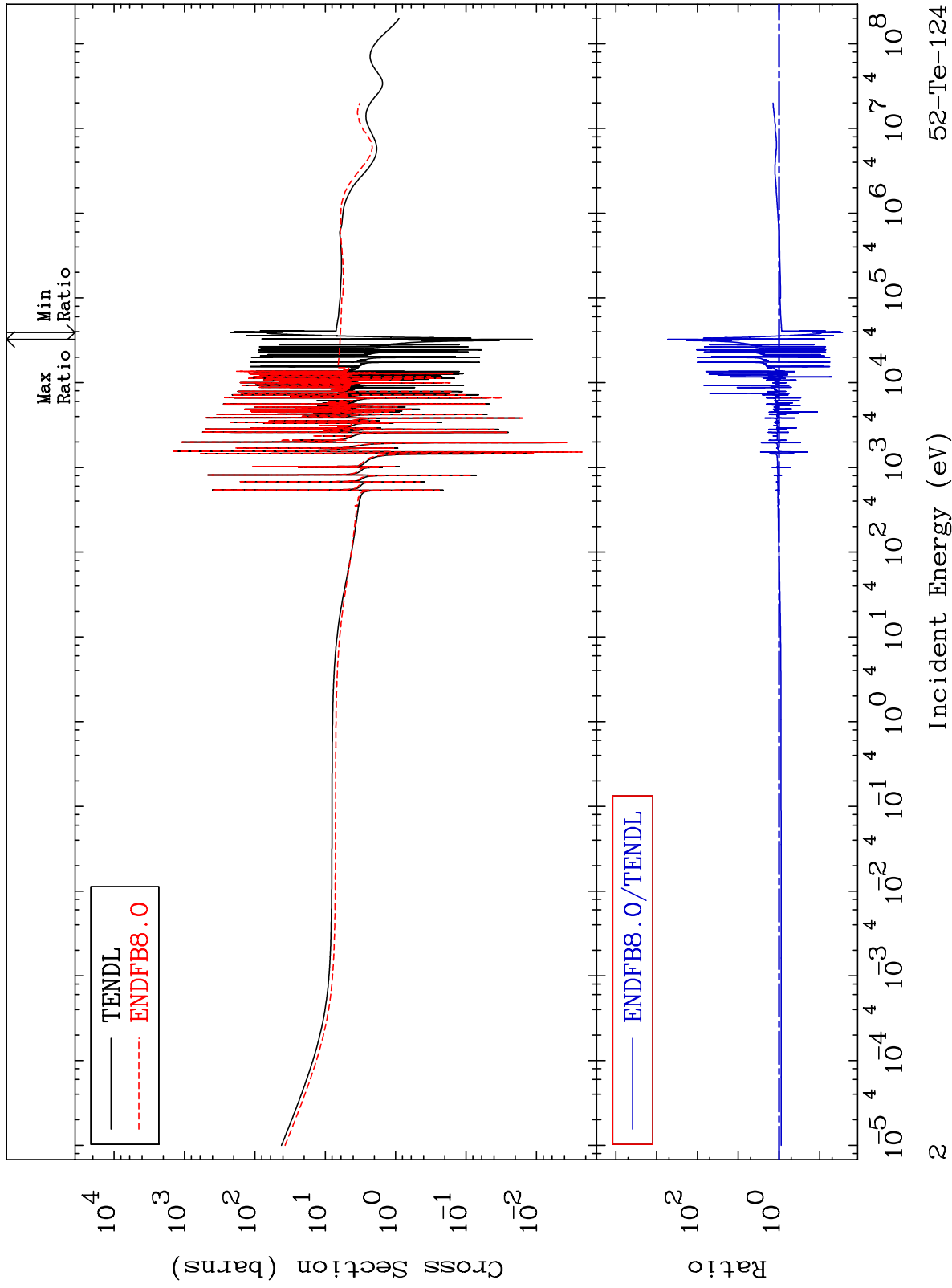
Incident Energy (eV)

1

MAT 5237

Elastic
Cross Section

52-Te-124
-97.25 To 9999. %

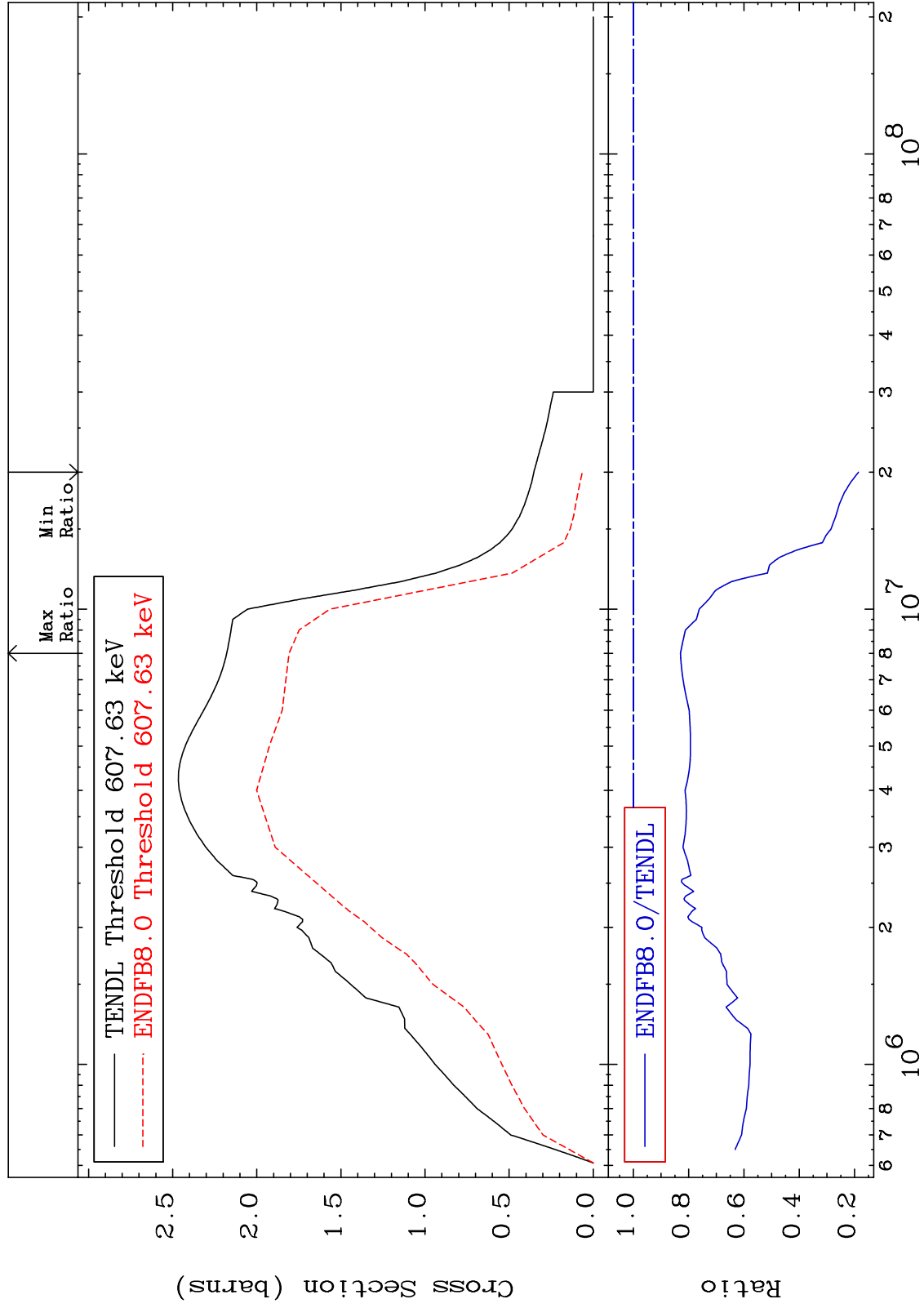


52-Te-124

Incident Energy (eV)

MAT 5237

Inelastic Cross Section
52-Te-124
-81.43 To -17.01%



3

Incident Energy (eV)

52-Te-124

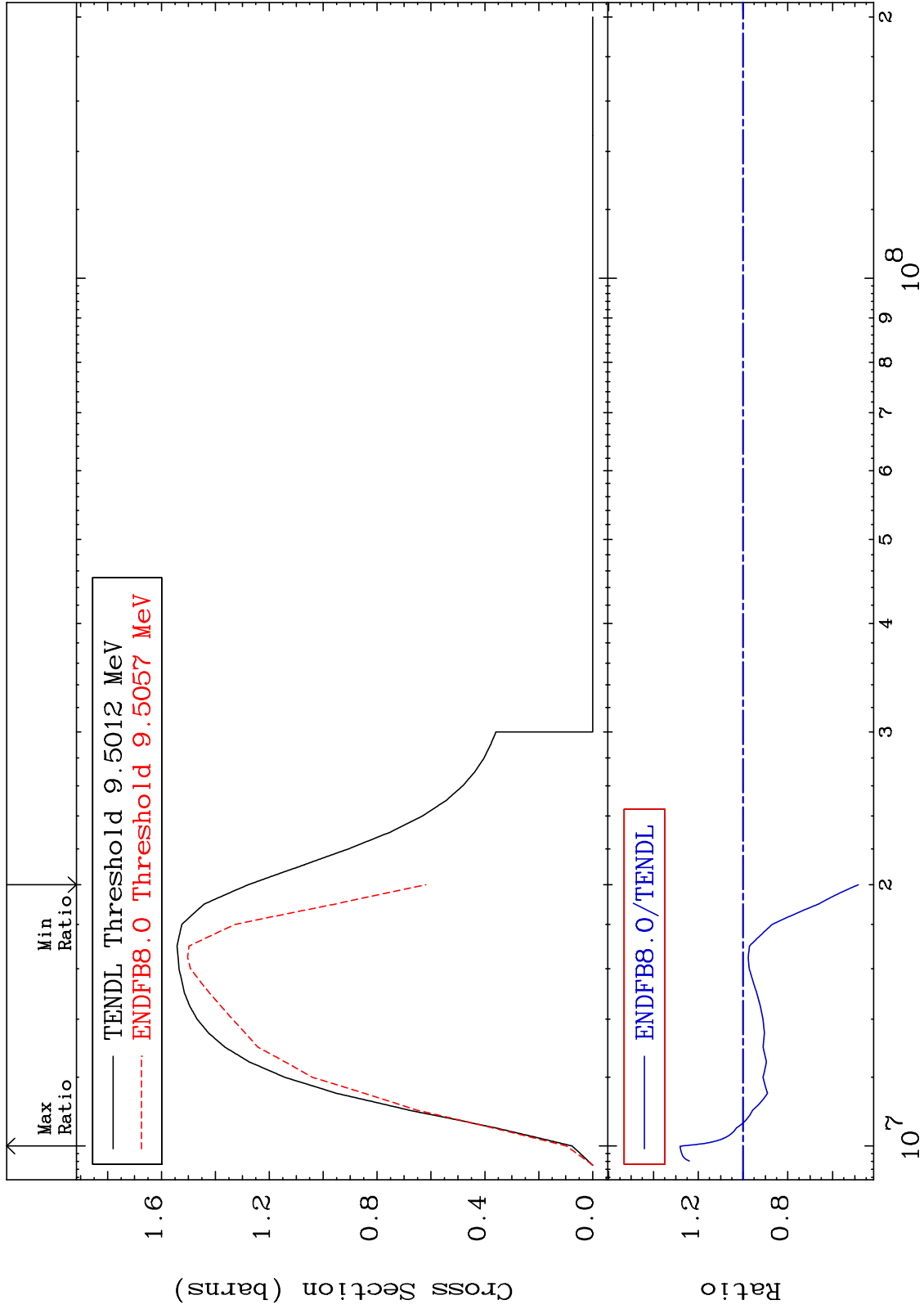
MAT 5237

(n,2n)

52-Te-124

Cross Section

-51.56 To 28.14 %



Incident Energy (eV)

52-Te-124

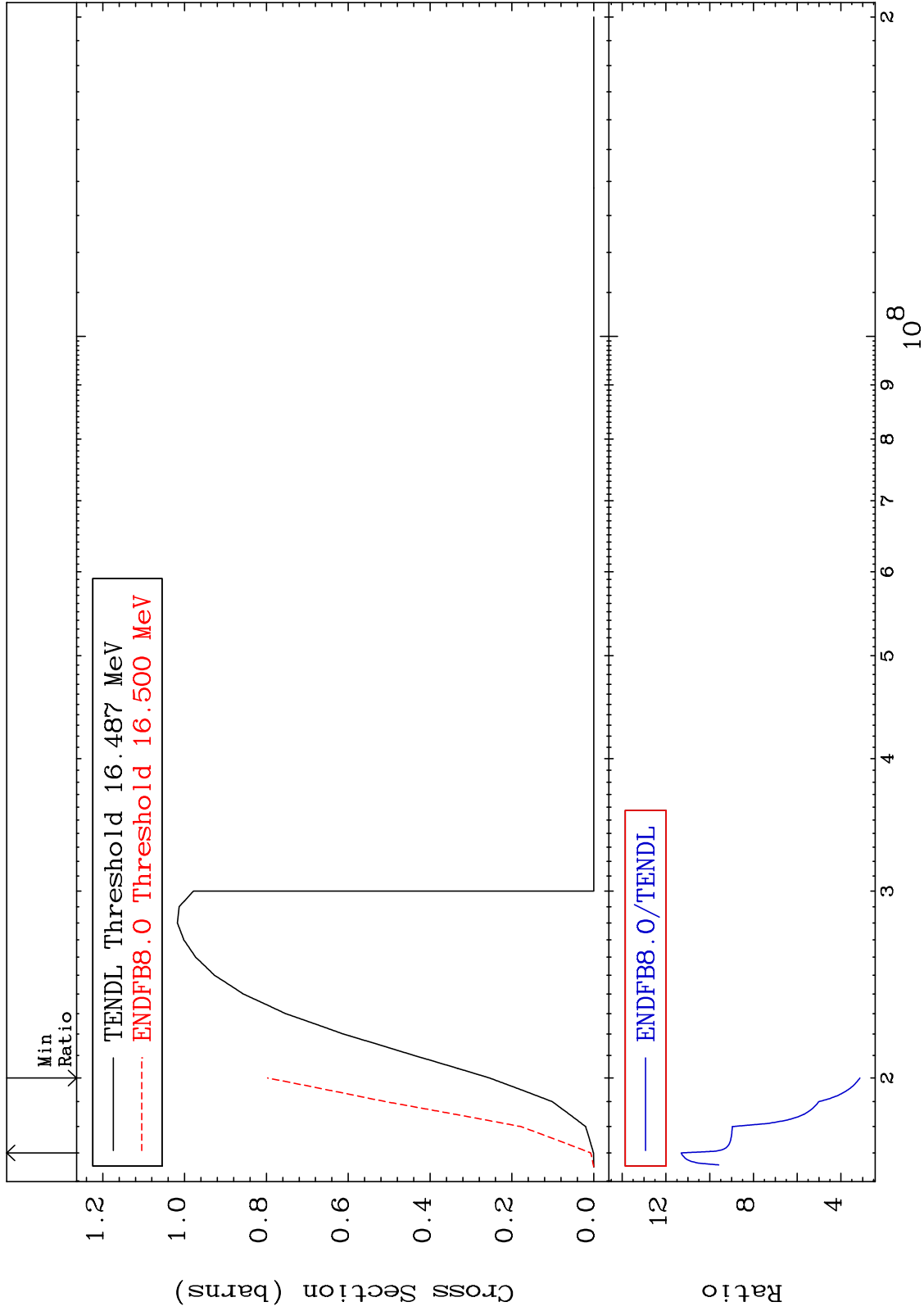
MAT 5237

(n, 3n)

52-Te-124

Cross Section

212.9 To 1030. %



5

Incident Energy (eV)

52-Te-124

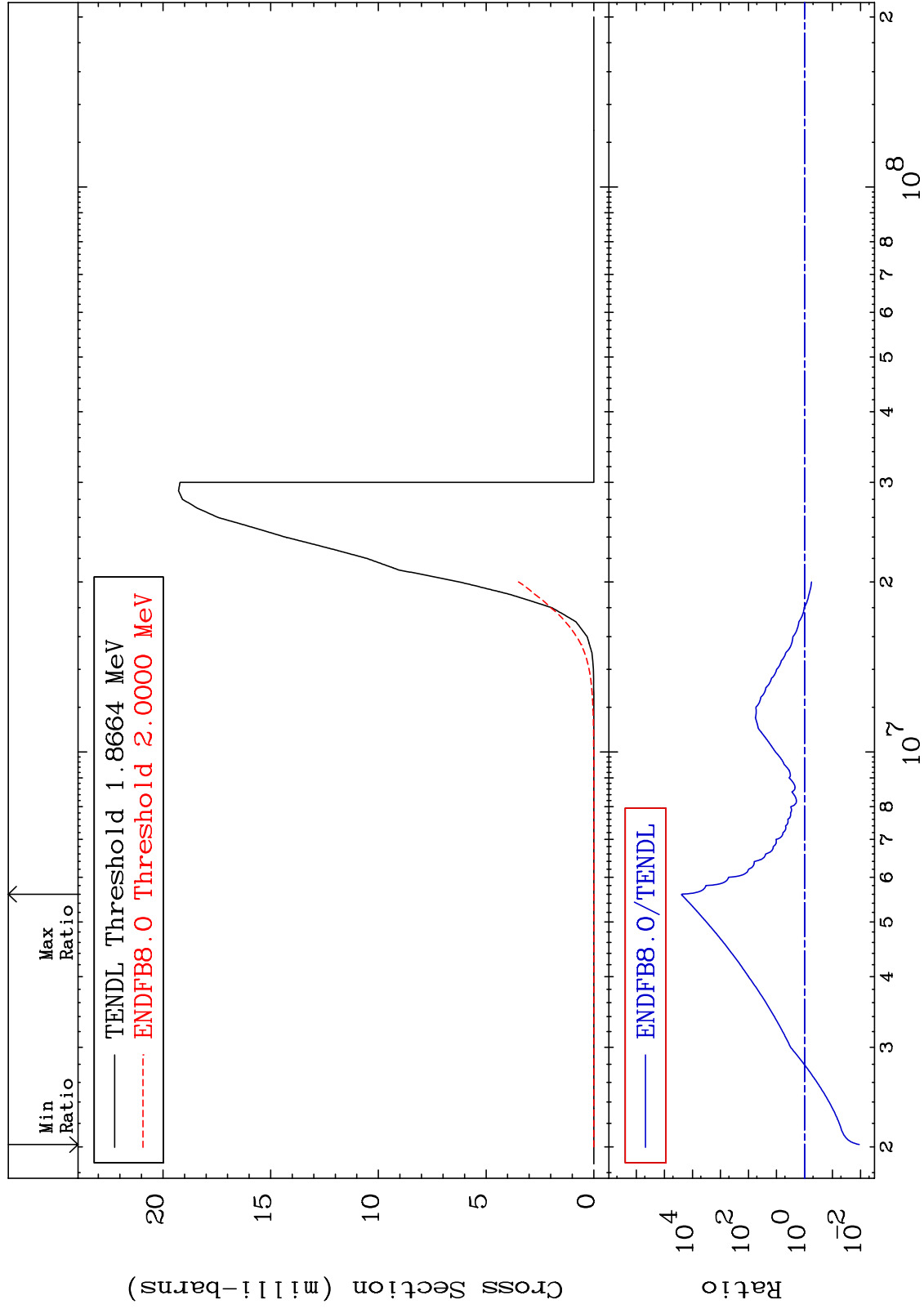
MAT 5237

(n,n') α

52-Te-124

-98.89 To 9999. %

Cross Section



6

Incident Energy (eV)

52-Te-124

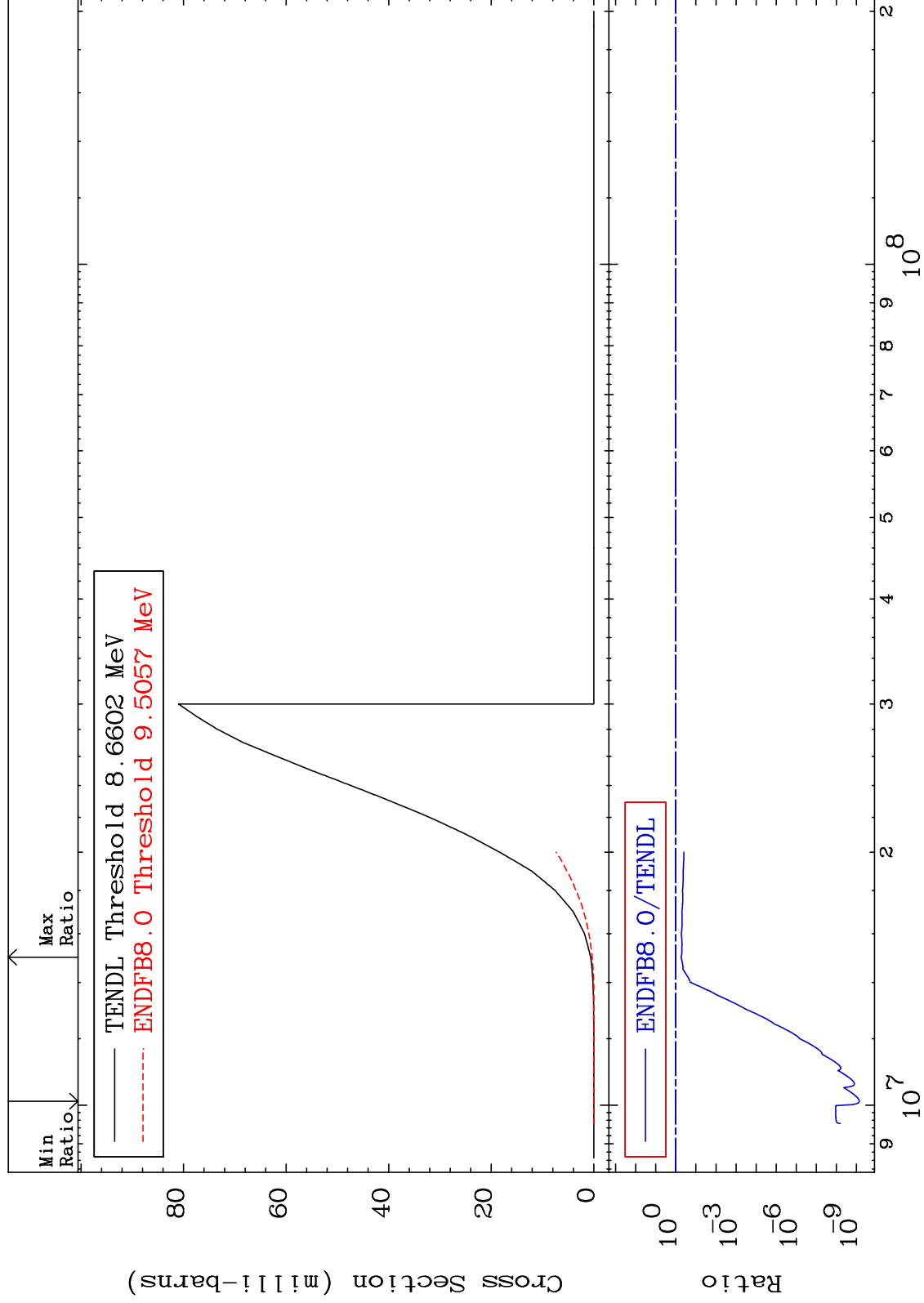
MAT 5237

(n,n') p

52-Te-124

Cross Section

-100.0 To -45.01%



7

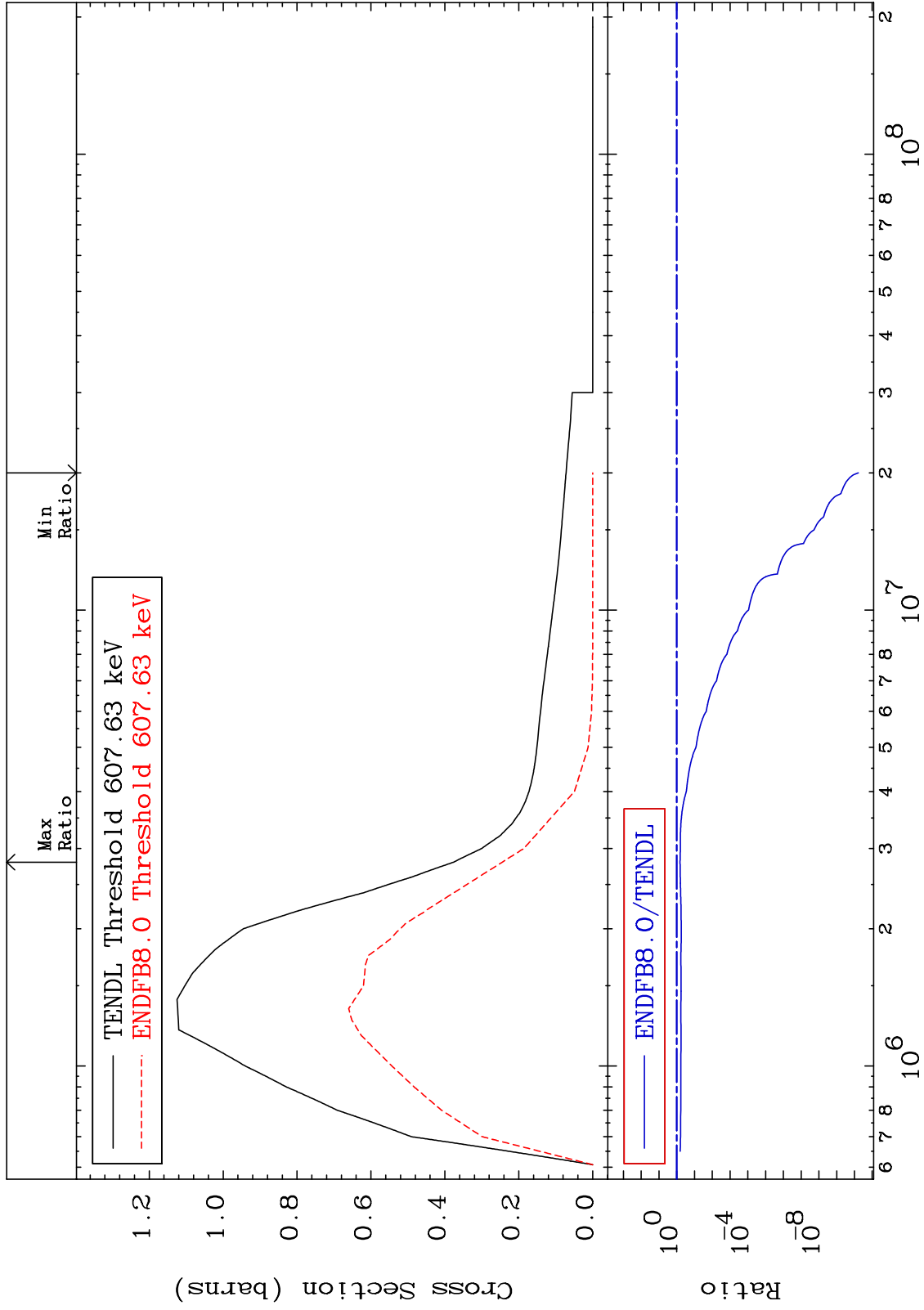
Incident Energy (eV)

52-Te-124

MAT 5237

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

52-Te-124
-100.0 To -34.96%



8

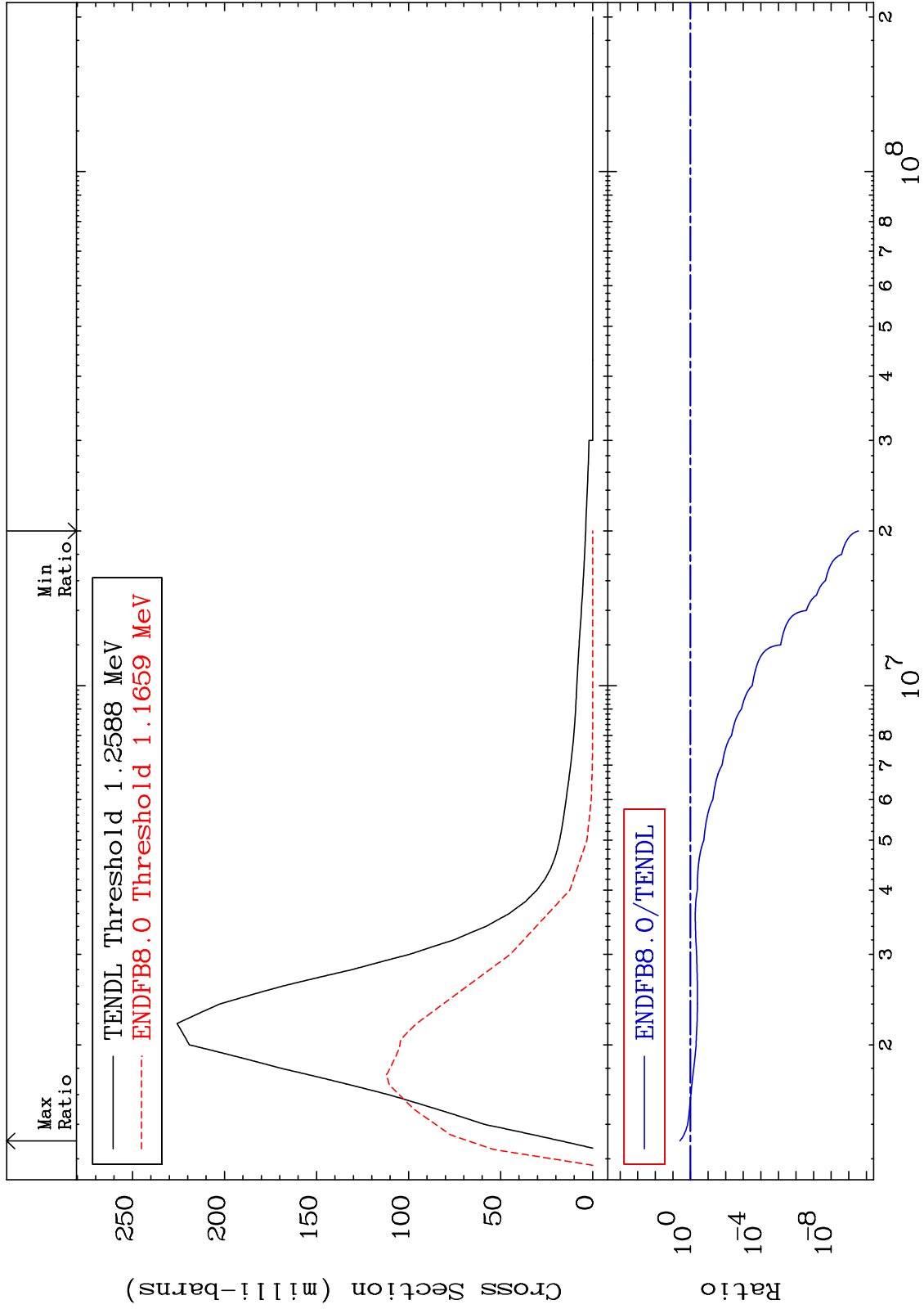
Incident Energy (eV)

52-Te-124

MAT 5237

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

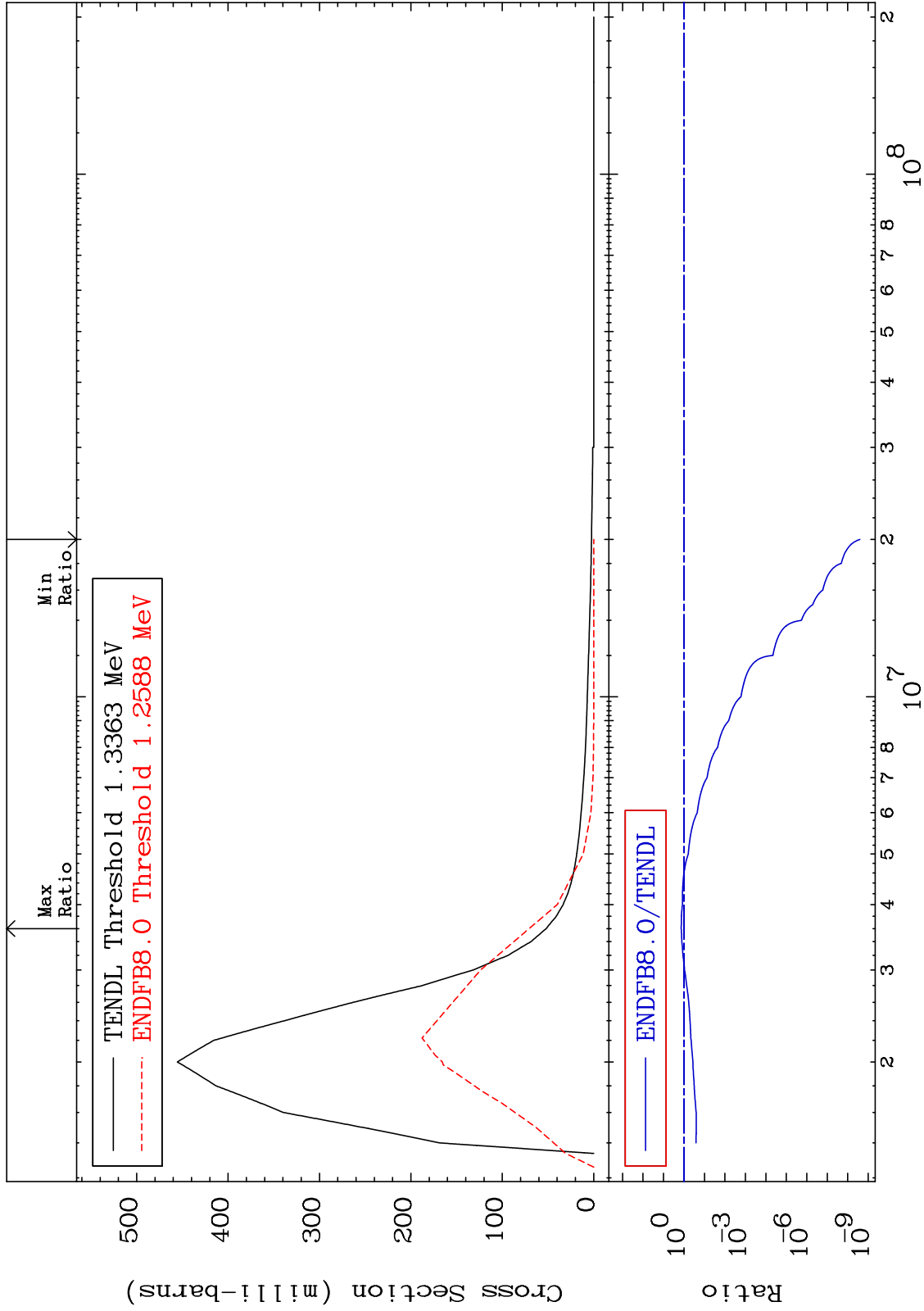
52-Te-124
-100.0 To 293.6 %



MAT 5237

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

52-Te-124
-100.0 To 35.99 %

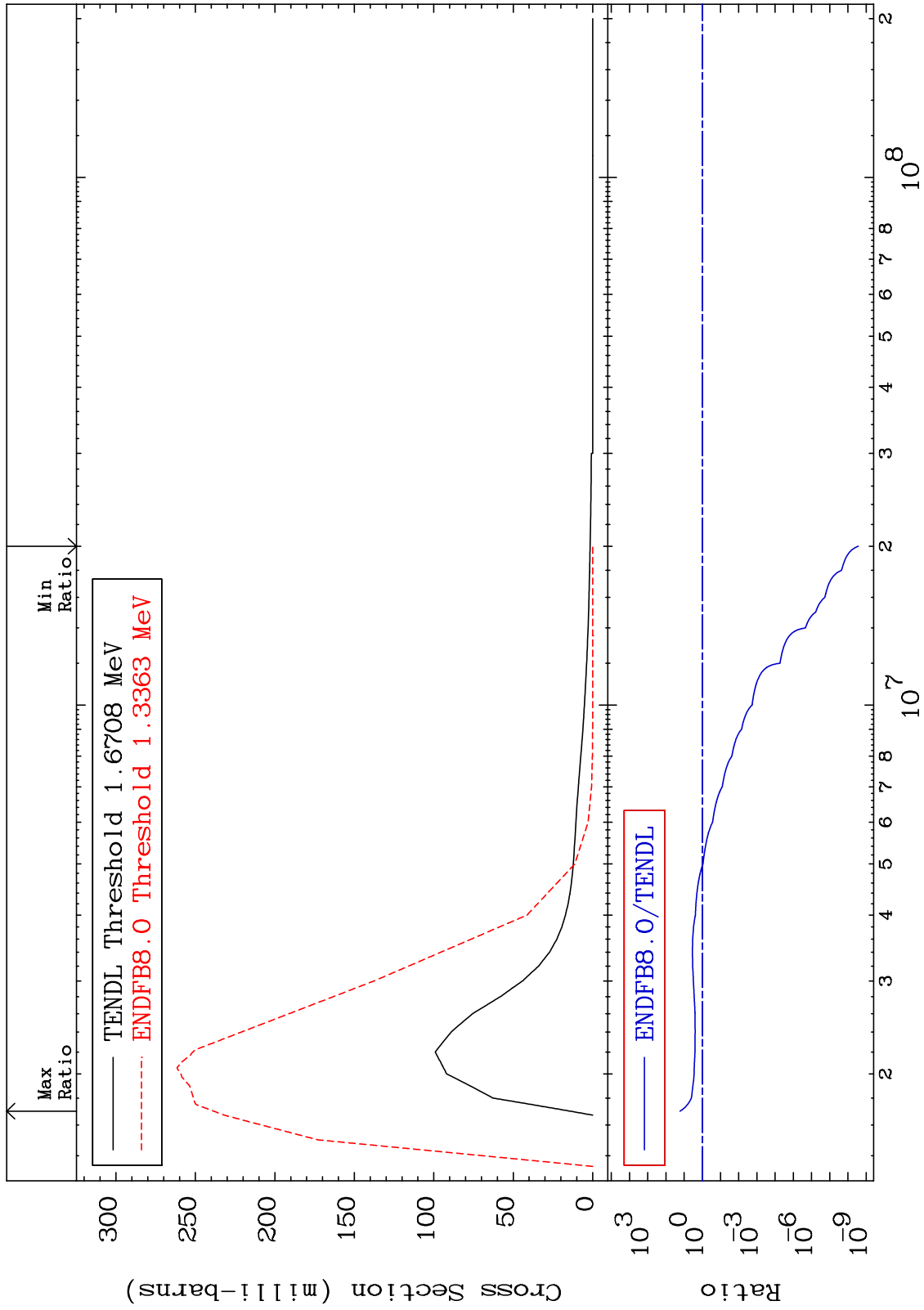


10

Incident Energy (eV)

52-Te-124

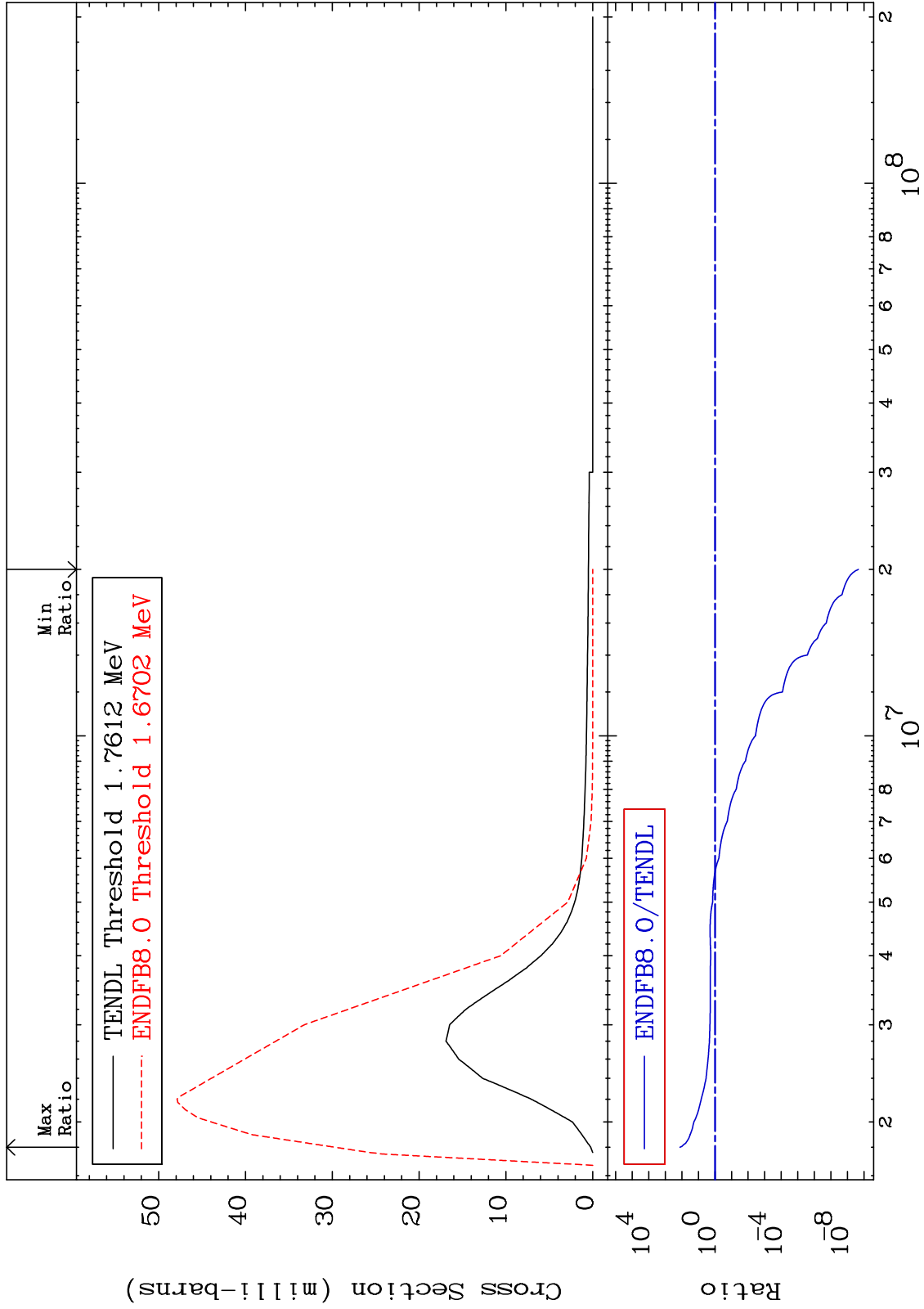
MAT 5237 MT= 54 (n, n') Level Cross Section 52-Te-124
 -100.0 To 1579. %



MAT 5237

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

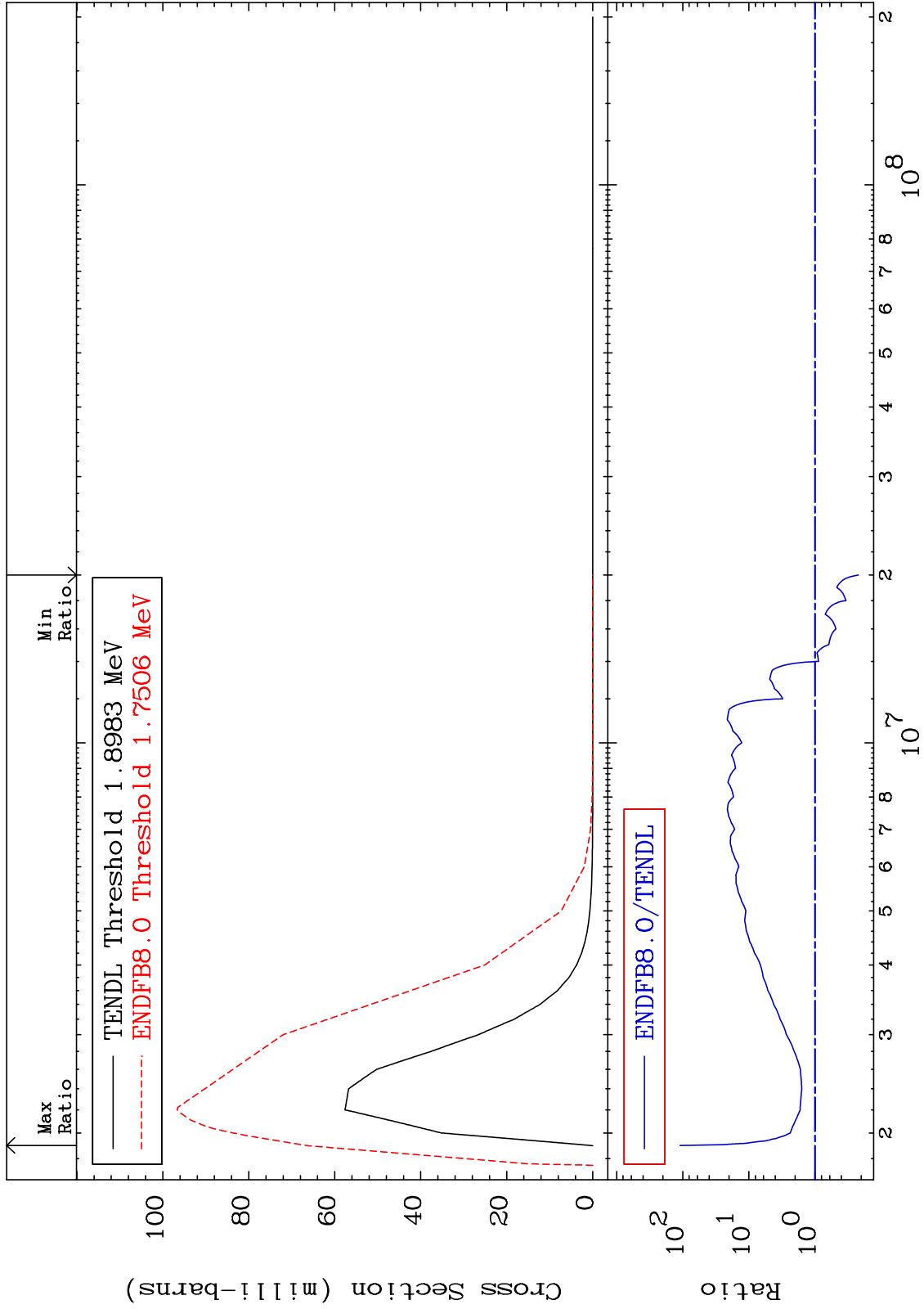
52-Te-124
-100.0 To 9999. %



MAT 5237

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

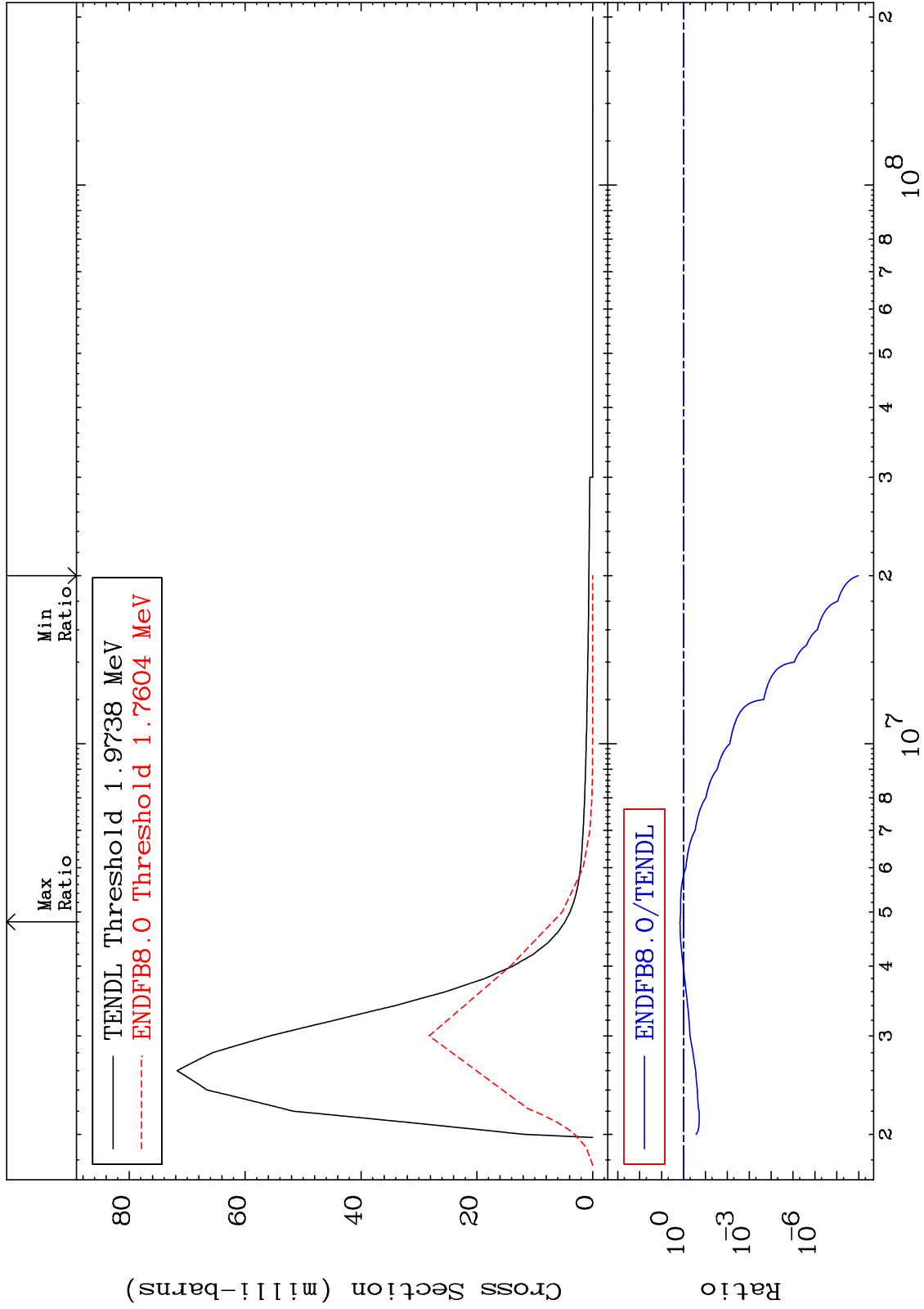
52-Te-124
-77.92 To 9999. %



MAT 5237

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

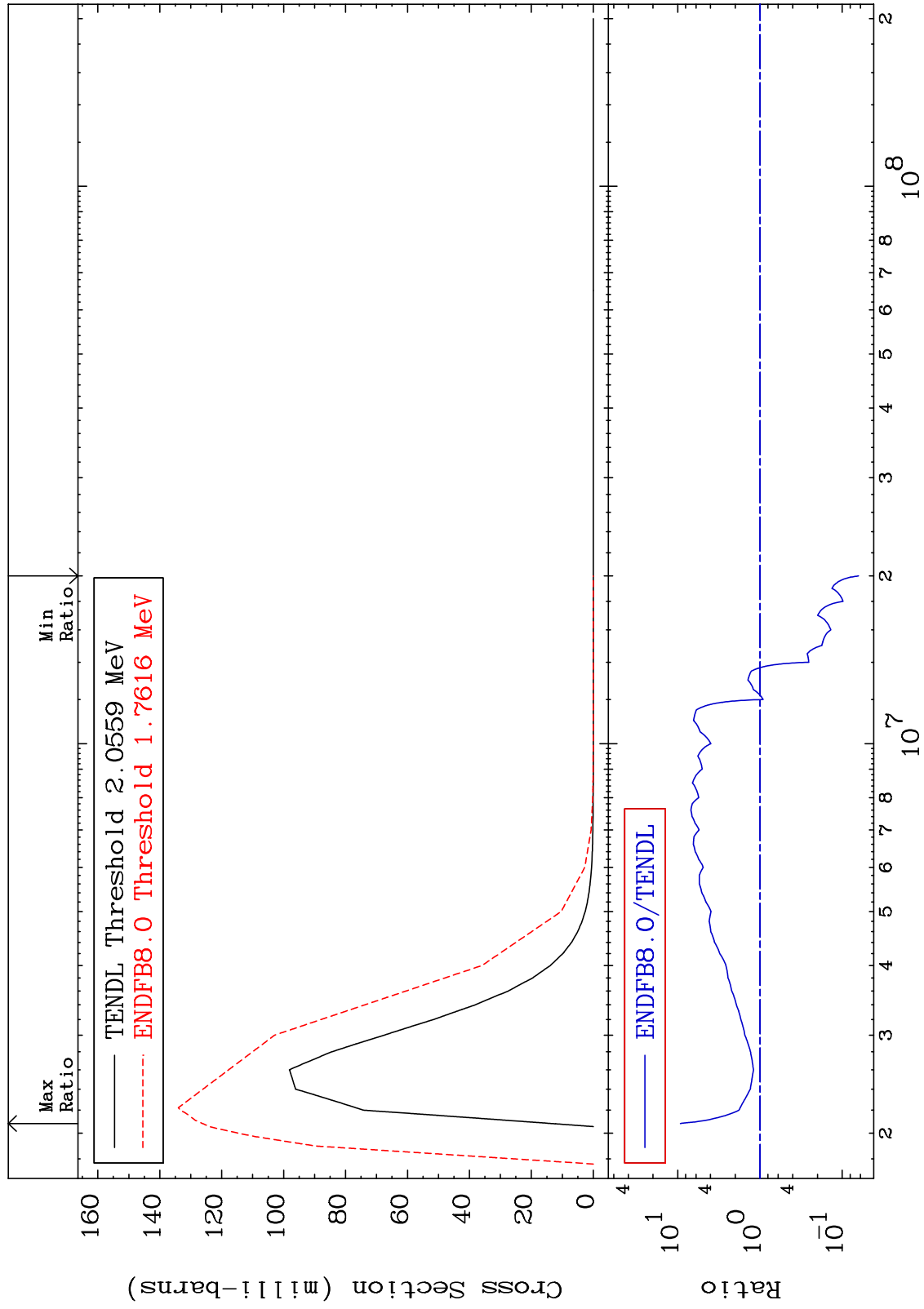
52-Te-124
-100.0 To 44.20 %



MAT 5237

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

52-Te-124
-93.67 To 827.0 %



15

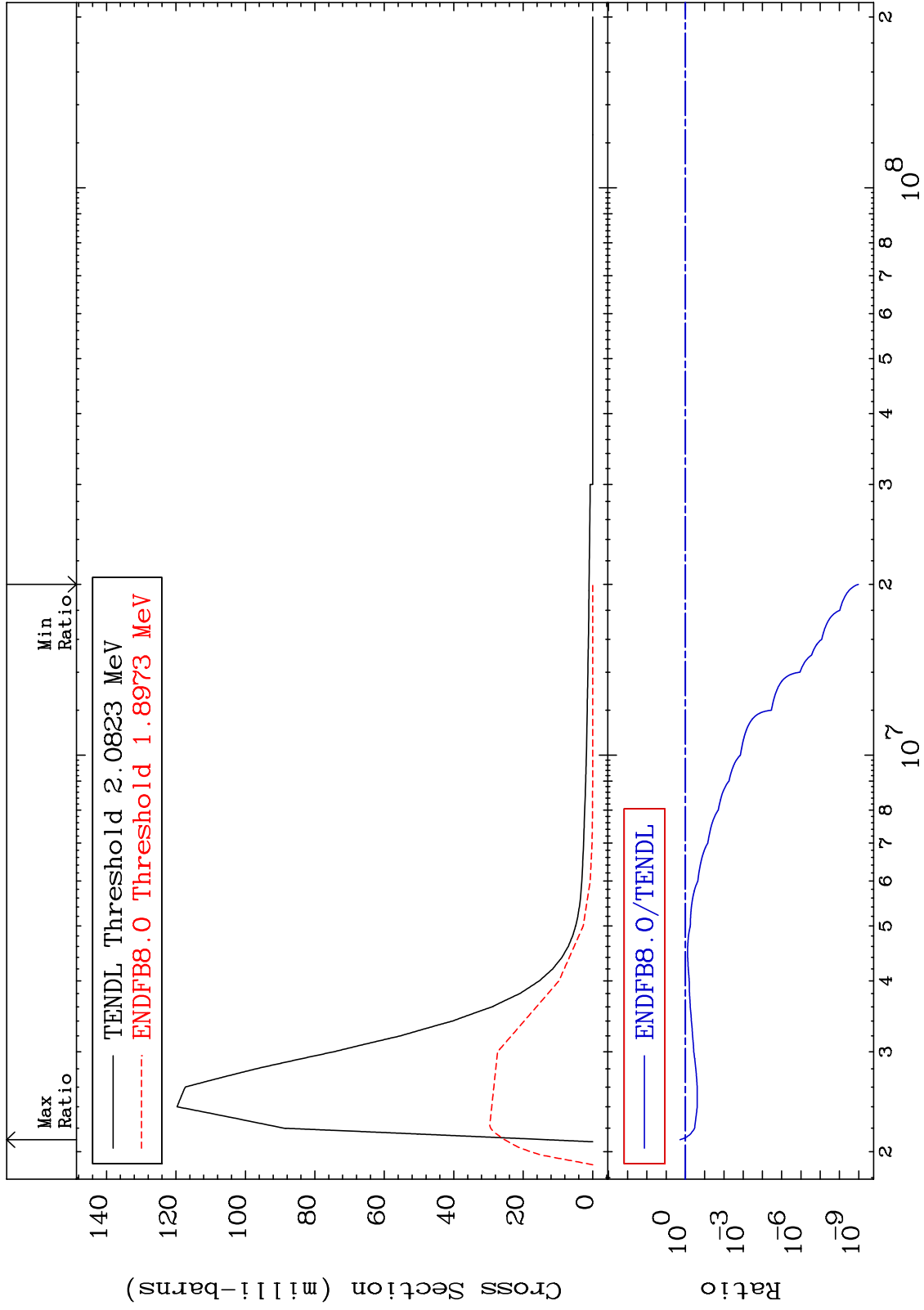
Incident Energy (eV)

52-Te-124

MAT 5237

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

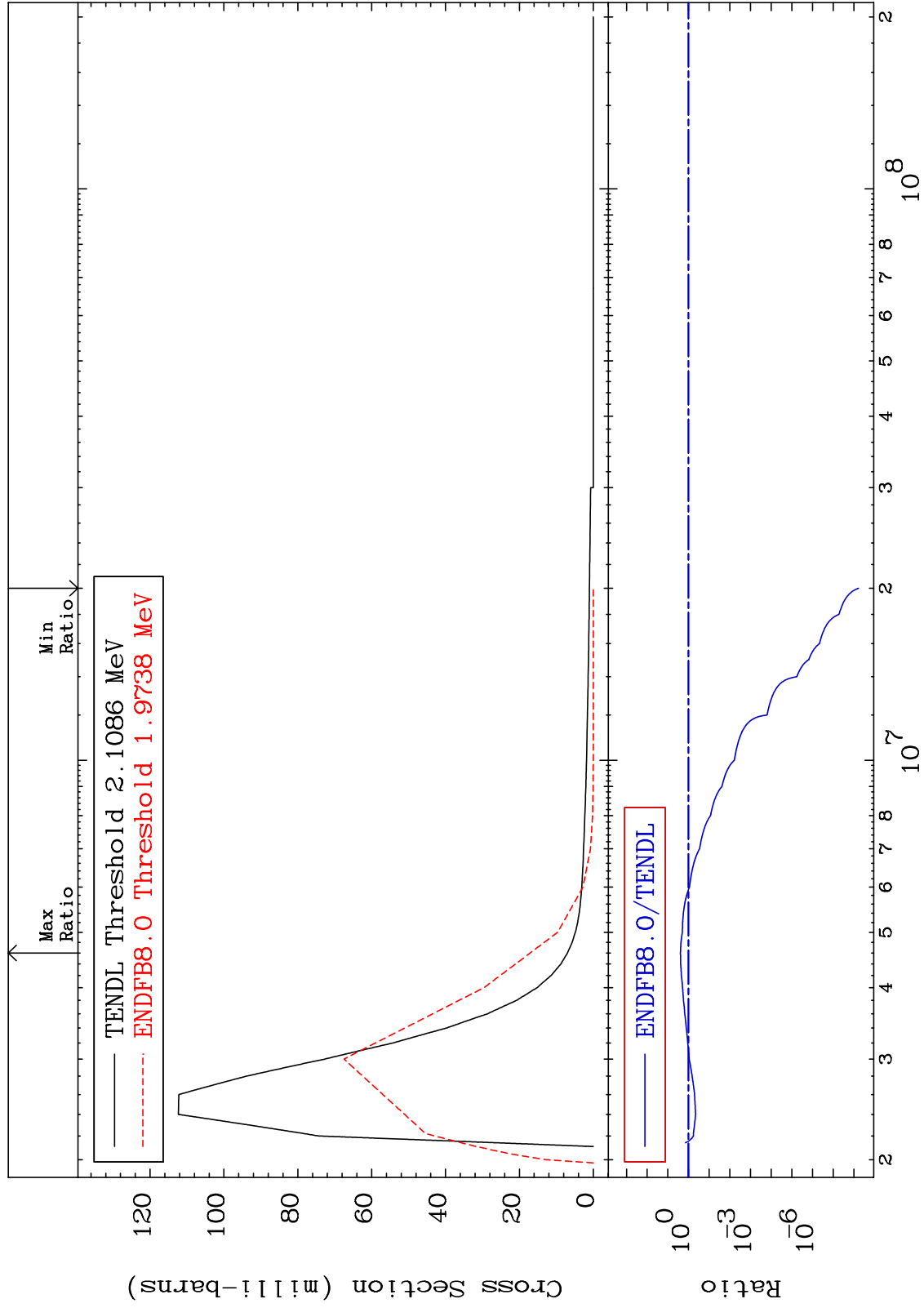
52-Te-124
-100.0 To 89.74 %



MAT 5237

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

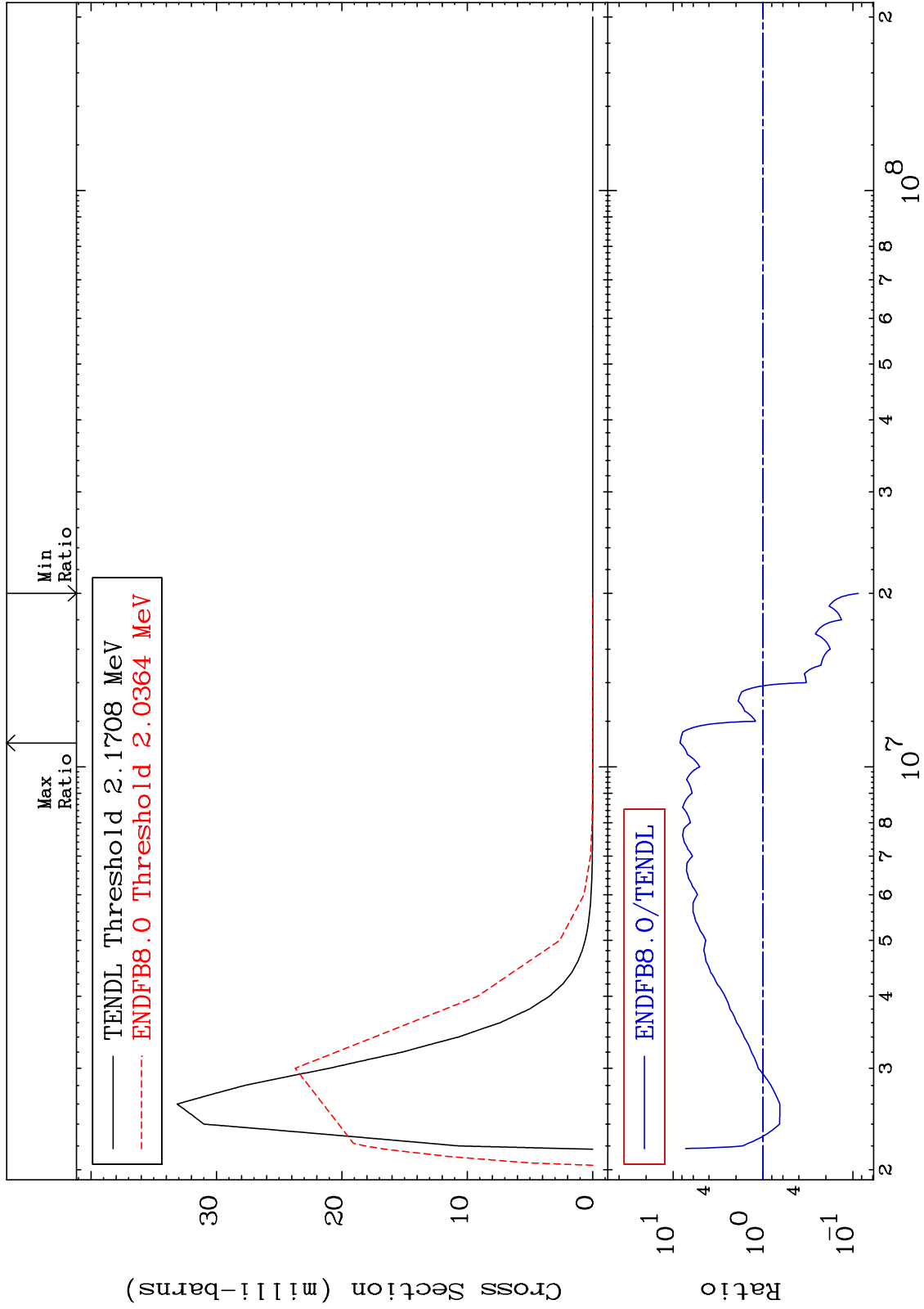
52-Te-124
-100.0 To 145.0 %



MAT 5237

MT= 61 (n,n') Level
Cross Section

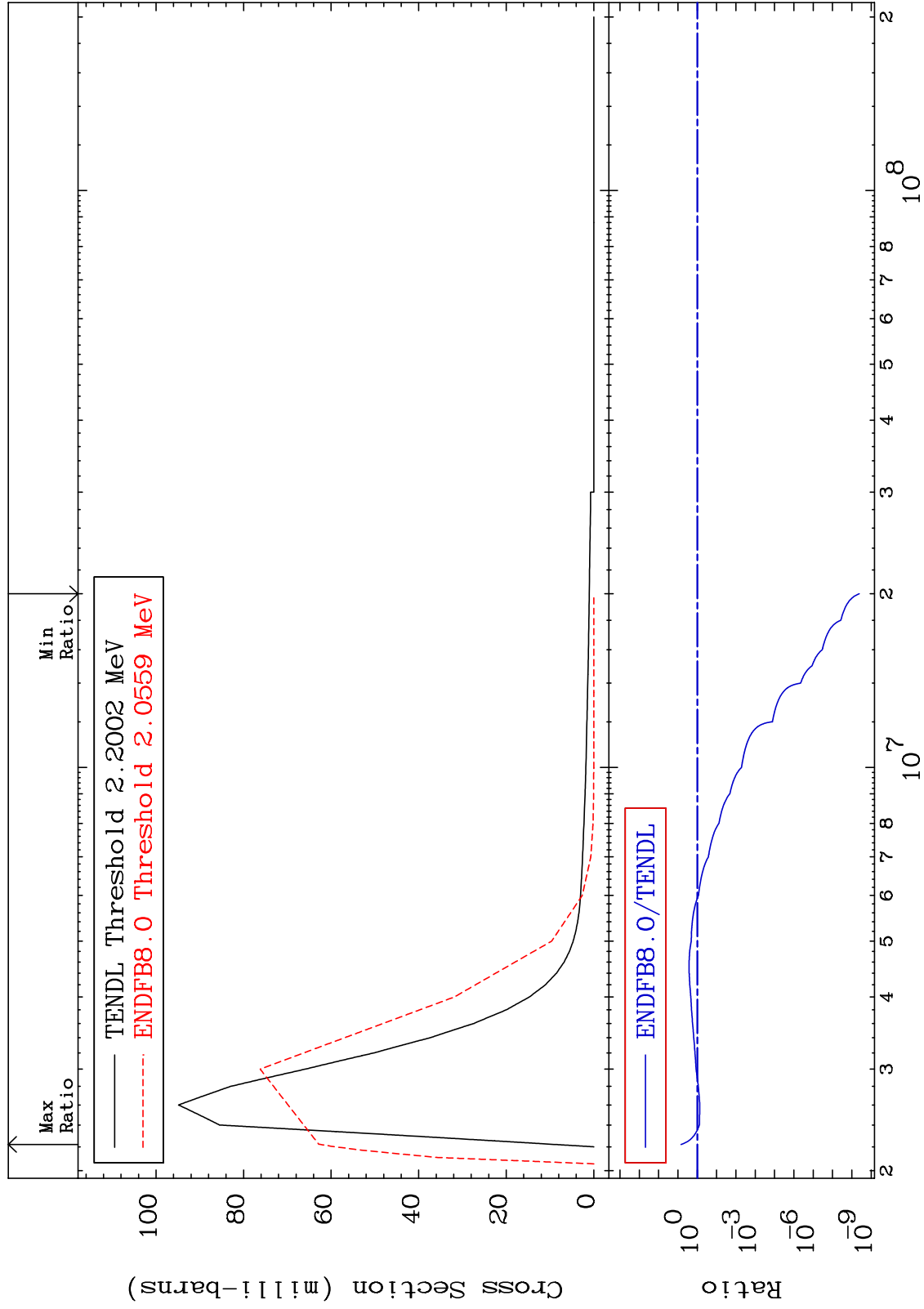
52-Te-124
-91.32 To 740.1 %



MAT 5237

MT= 62 (n,n') Level
Cross Section

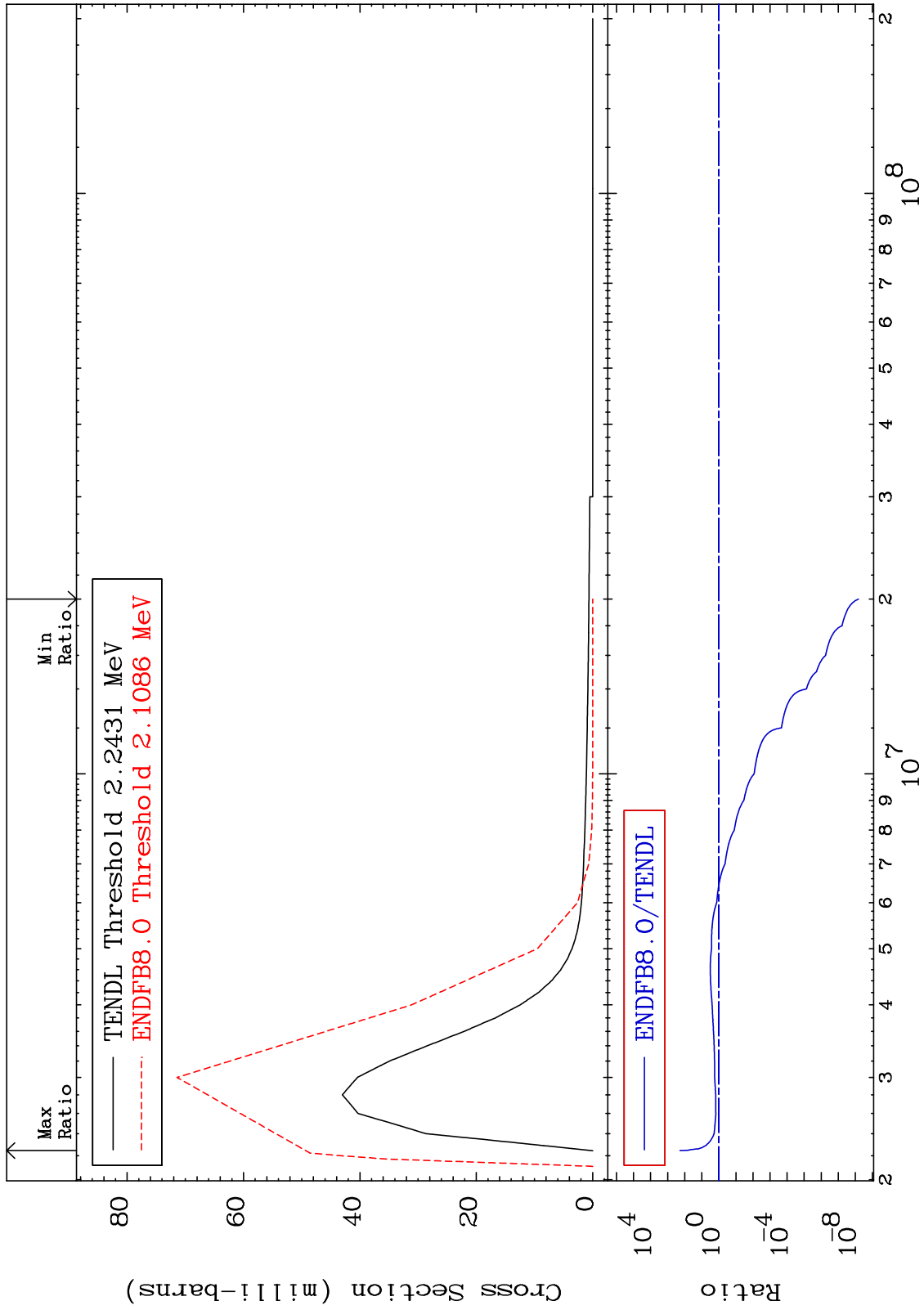
52-Te-124
-100.0 To 588.6 %



MAT 5237

MT= 63 (n,n') Level
Cross Section

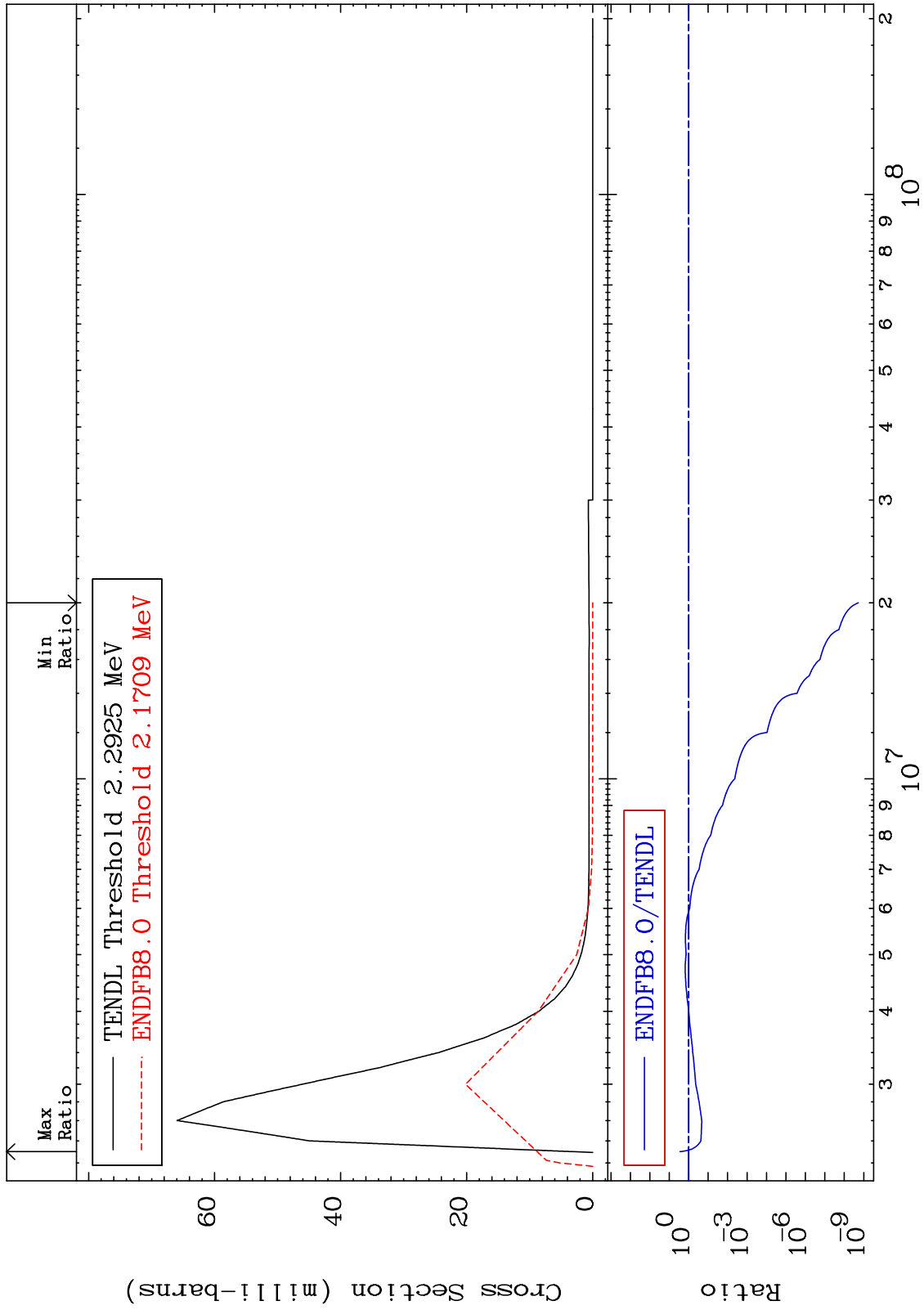
52-Te-124
-100.0 To 9999. %



MAT 5237

MT= 64 (n,n') Level
Cross Section

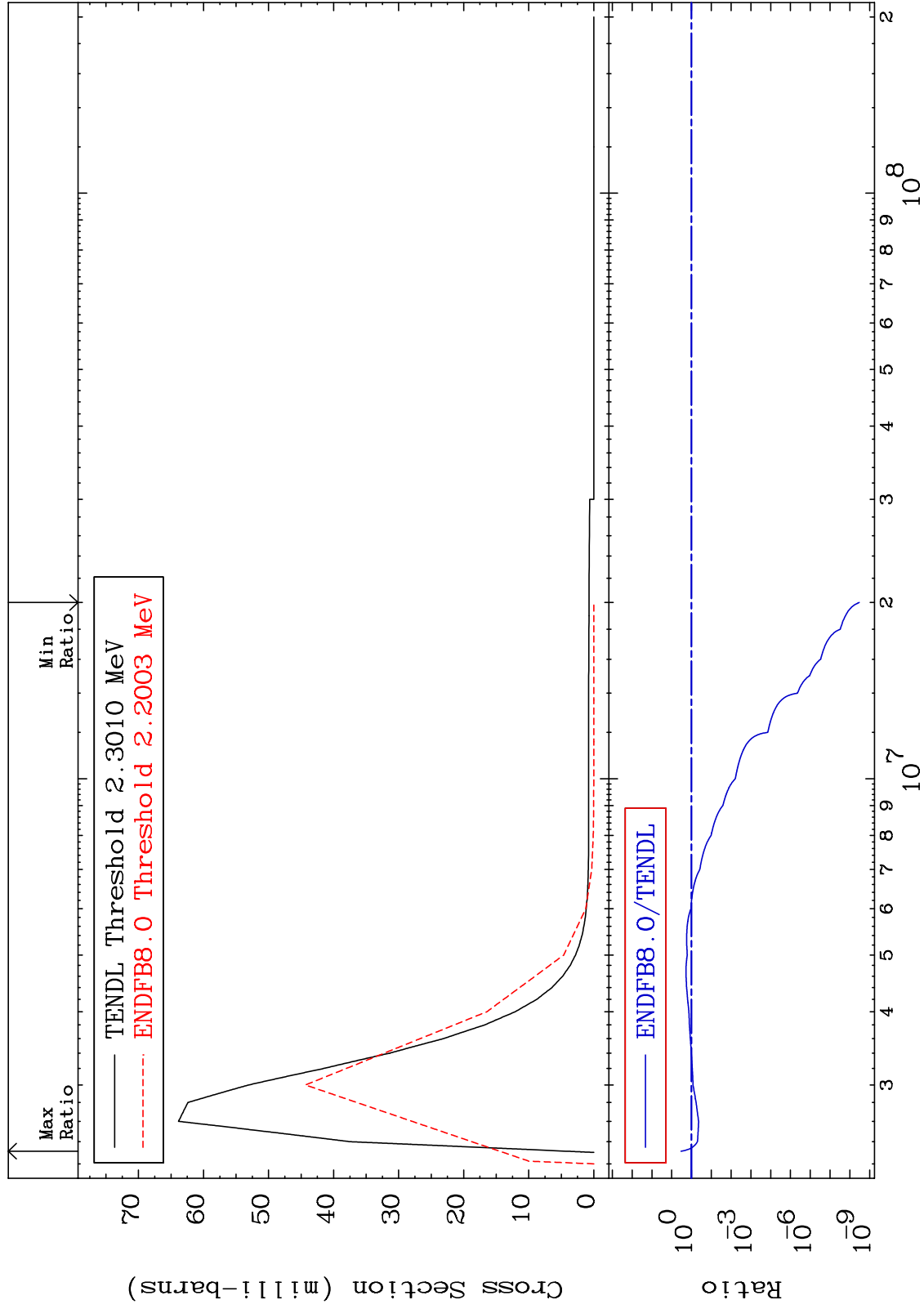
52-Te-124
-100.0 To 180.1 %



MAT 5237

MT= 65 (n,n') Level
Cross Section

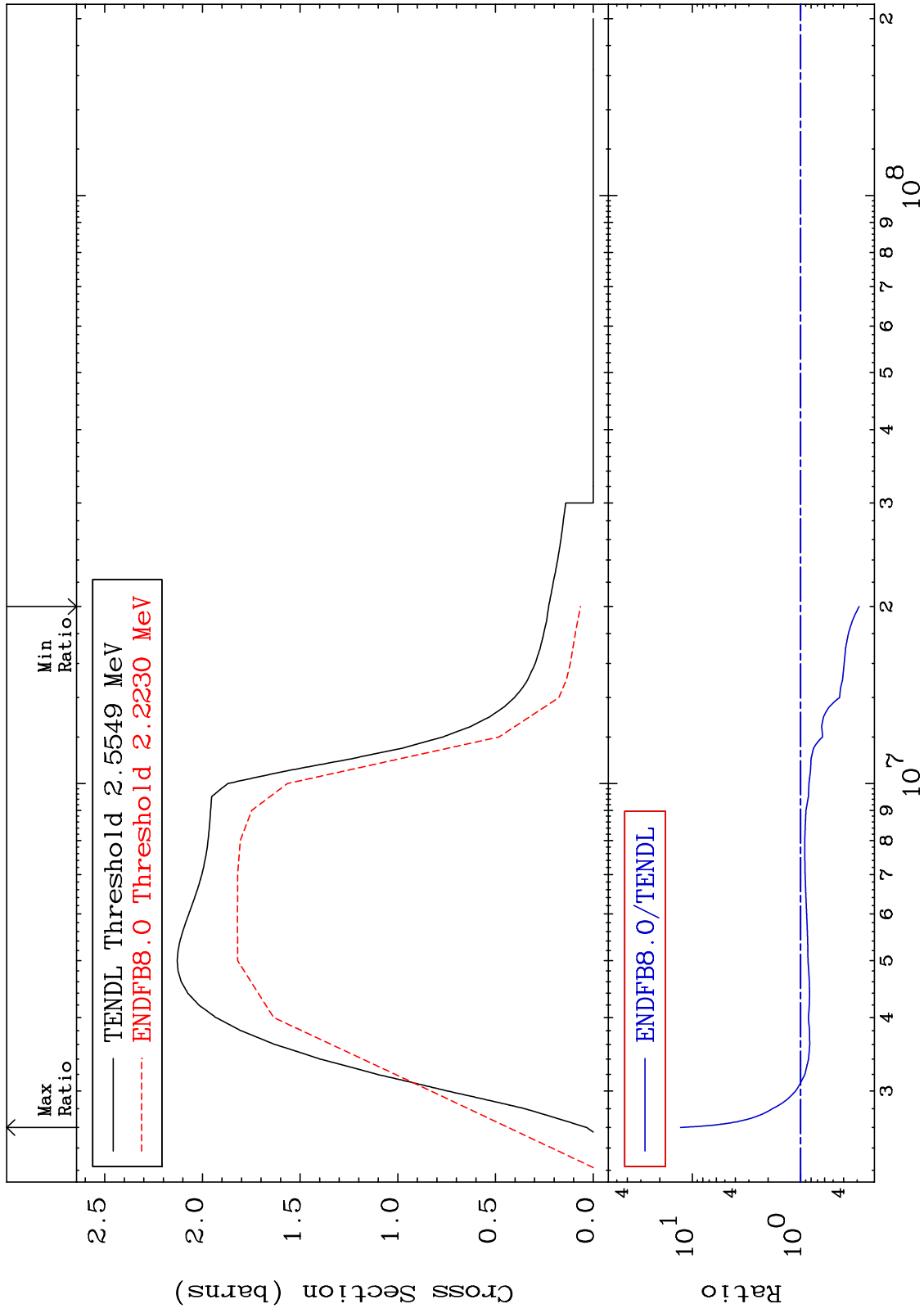
52-Te-124
-100.0 To 236.8 %



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(n, n') Continuum
Cross Section

52-Te-124
-71.25 To 1185. %



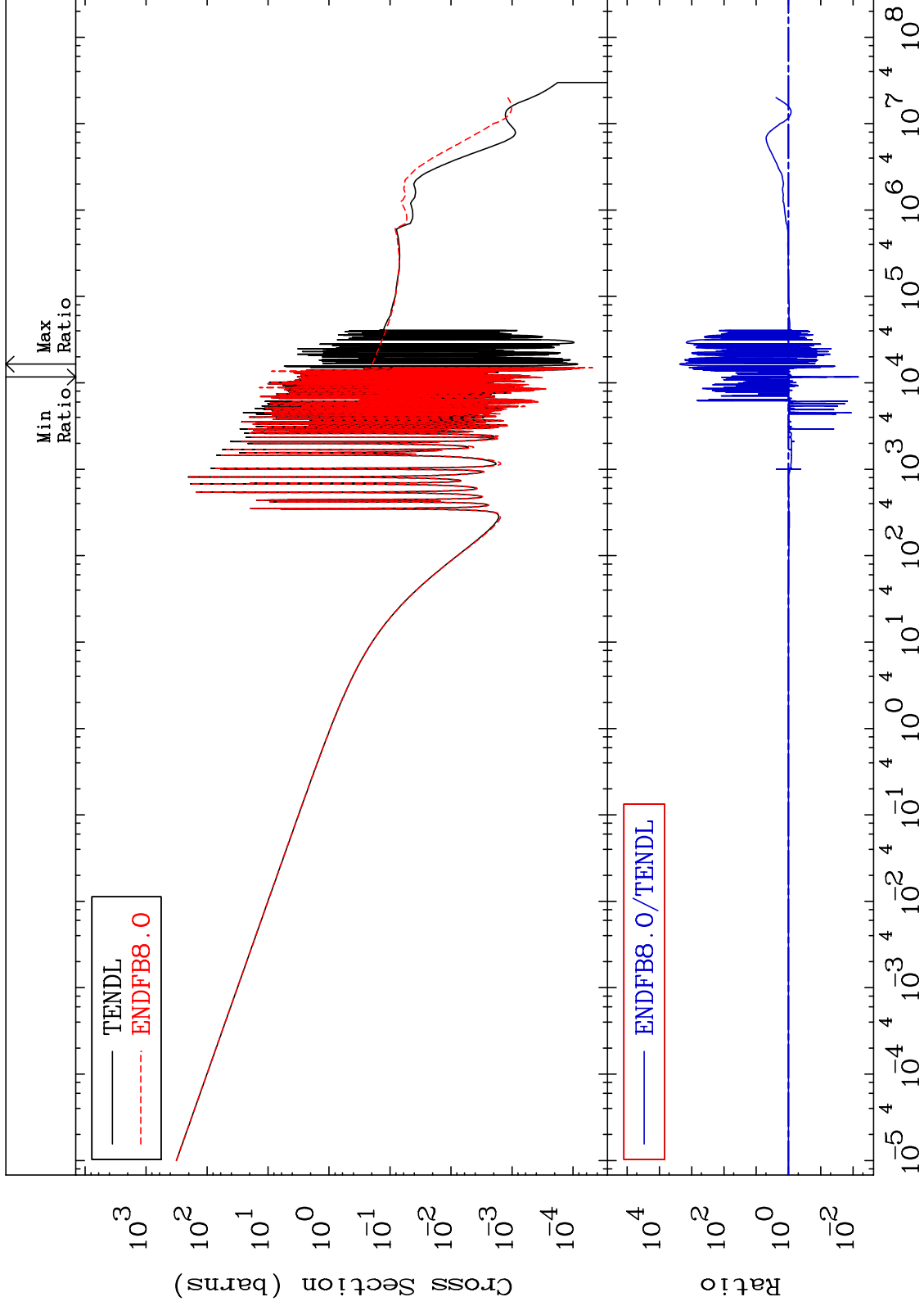
MAT 5237

(n, γ)

52-Te-124

Cross Section

-99.31 To 9999. %



24

Incident Energy (eV)

52-Te-124

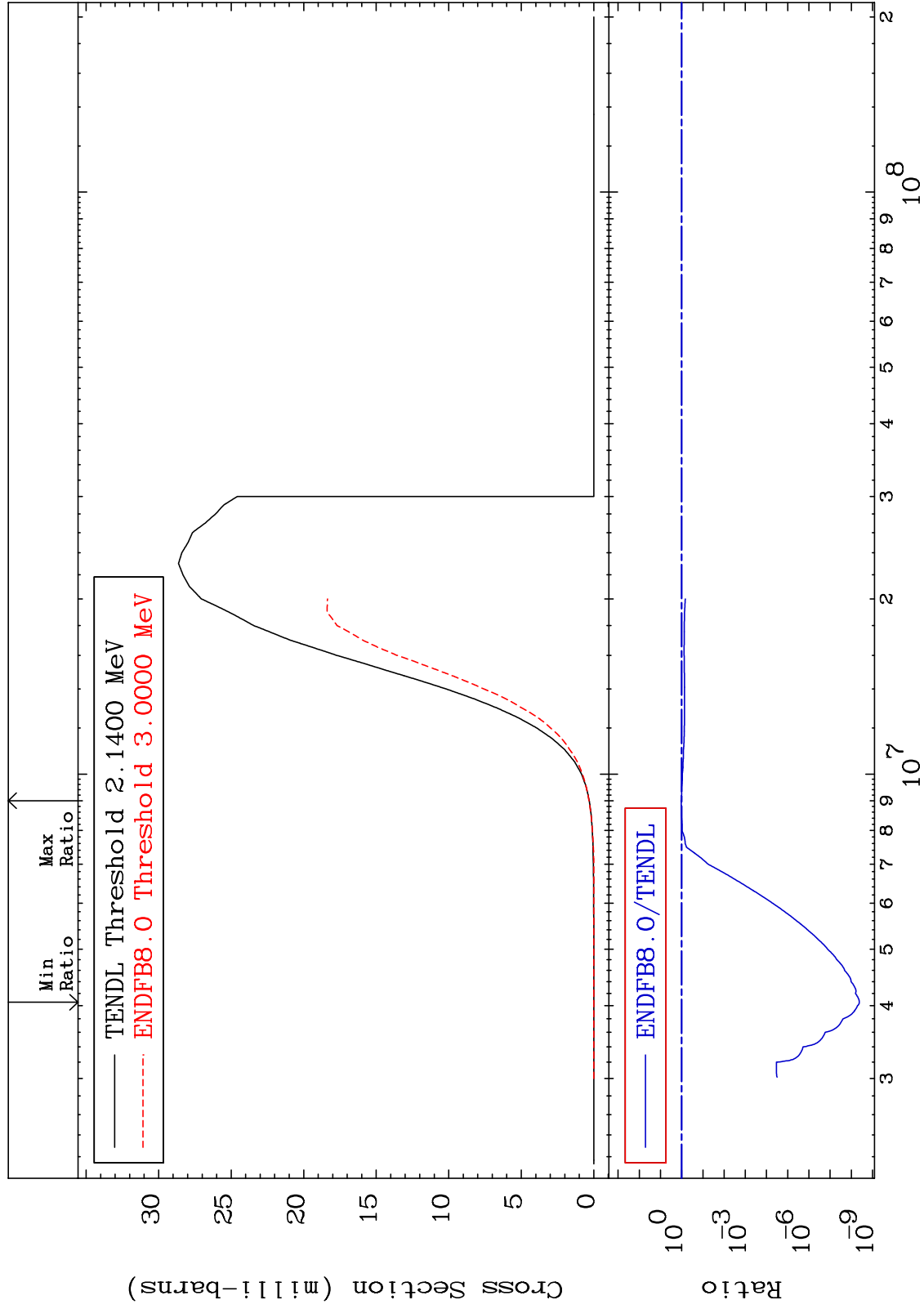
MAT 5237

(n, p)

52-Te-124

Cross Section

-100.0 To 7.075 %



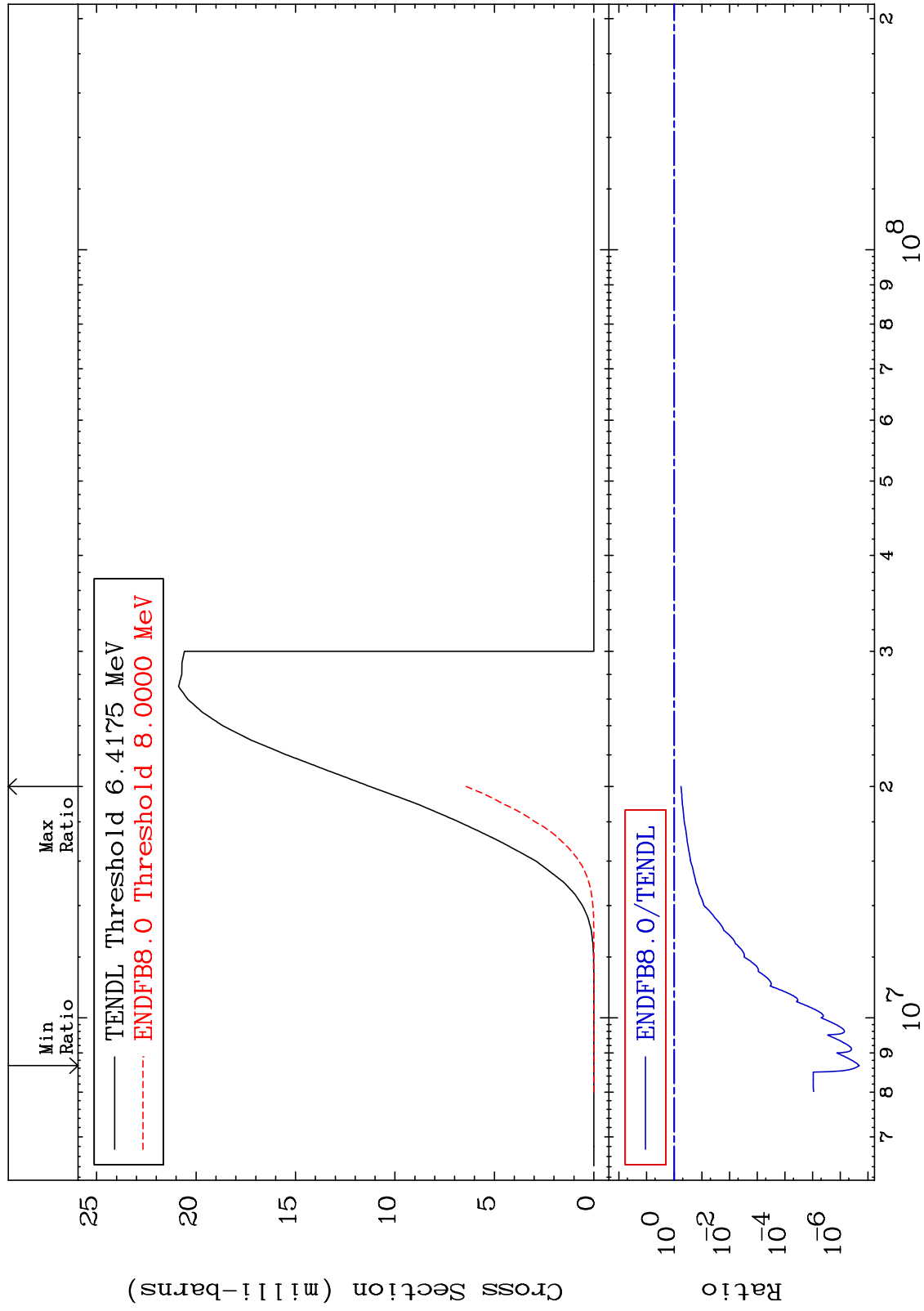
MAT 5237

(n, d)

52-Te-124

Cross Section

-100.0 To -42.97%



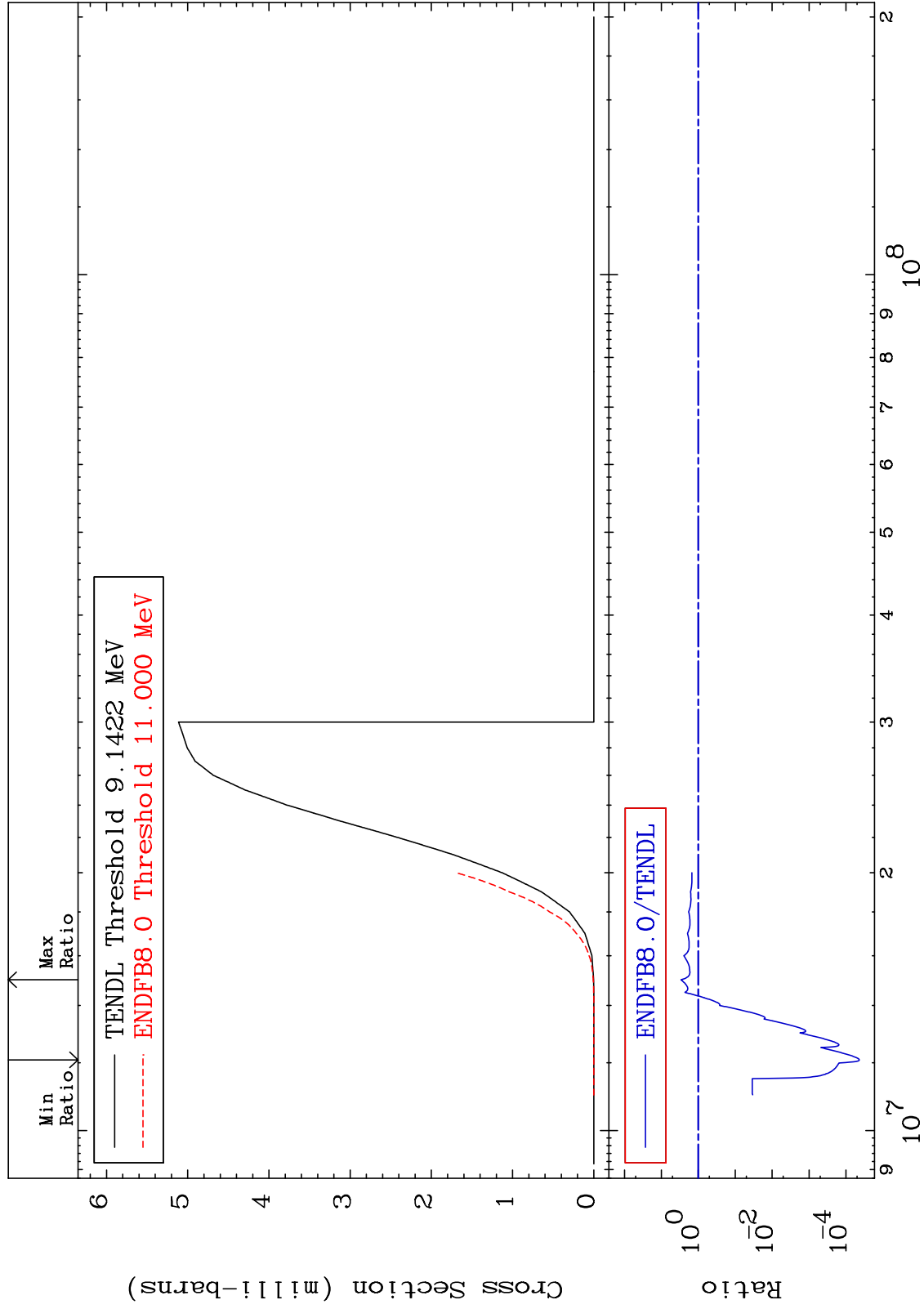
MAT 5237

(n, t)

52-Te-124

Cross Section

-100.0 To 193.2 %



27

Incident Energy (eV)

52-Te-124

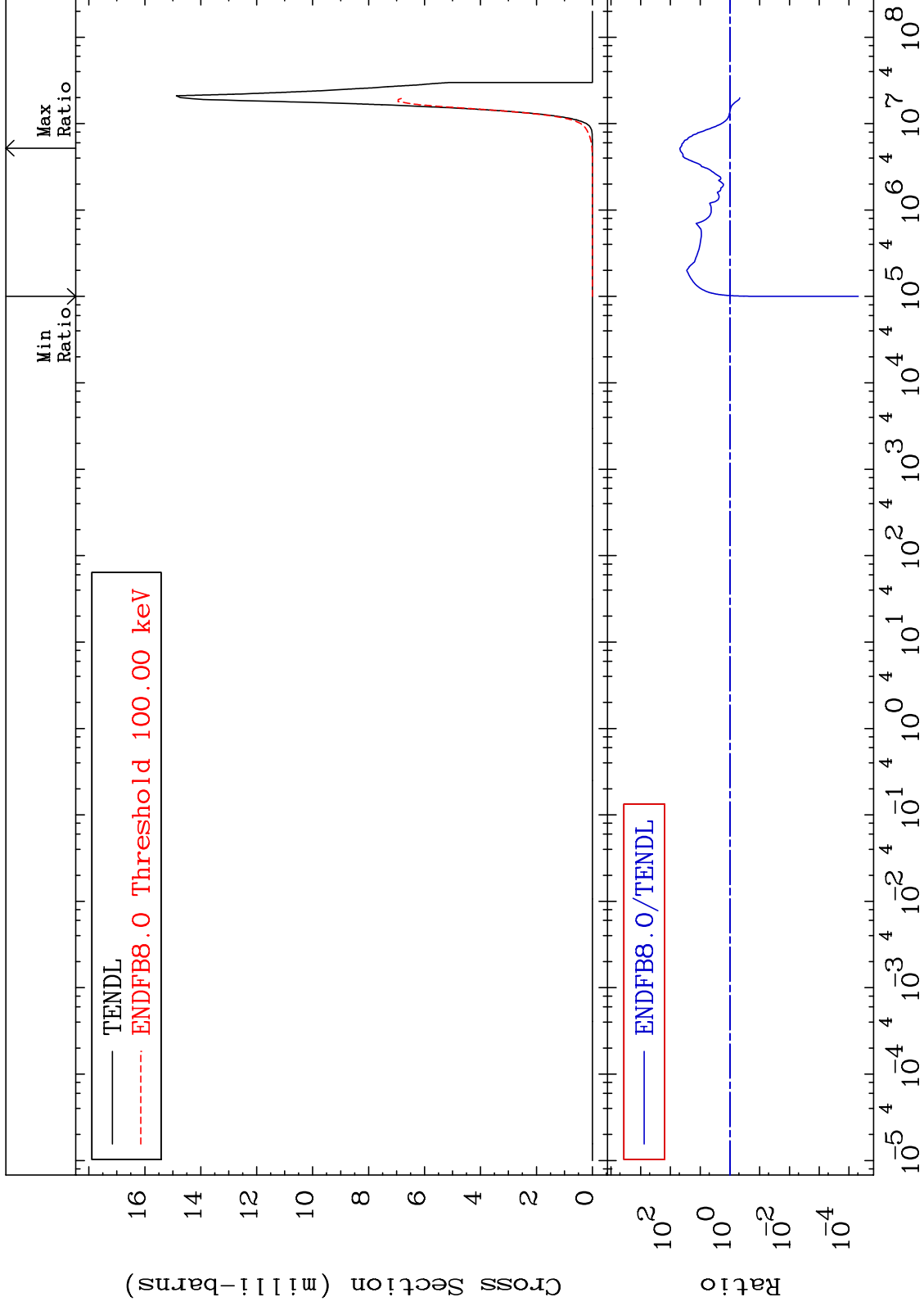
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(n, α)

52-Te-124

Cross Section

-100.0 To 4748. %



28

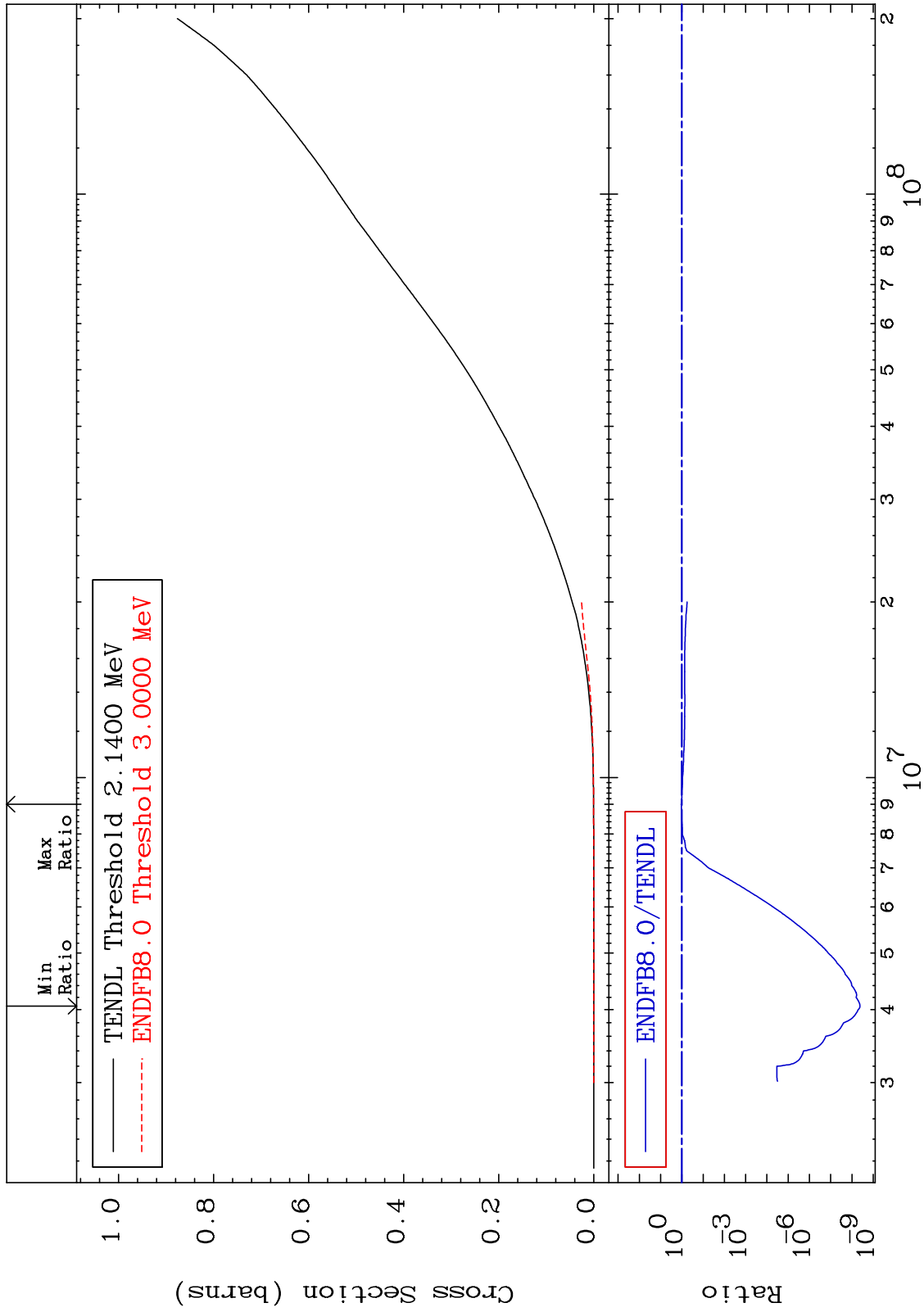
Incident Energy (eV)

52-Te-124

MAT 5237

Hydrogen Production
Cross Section

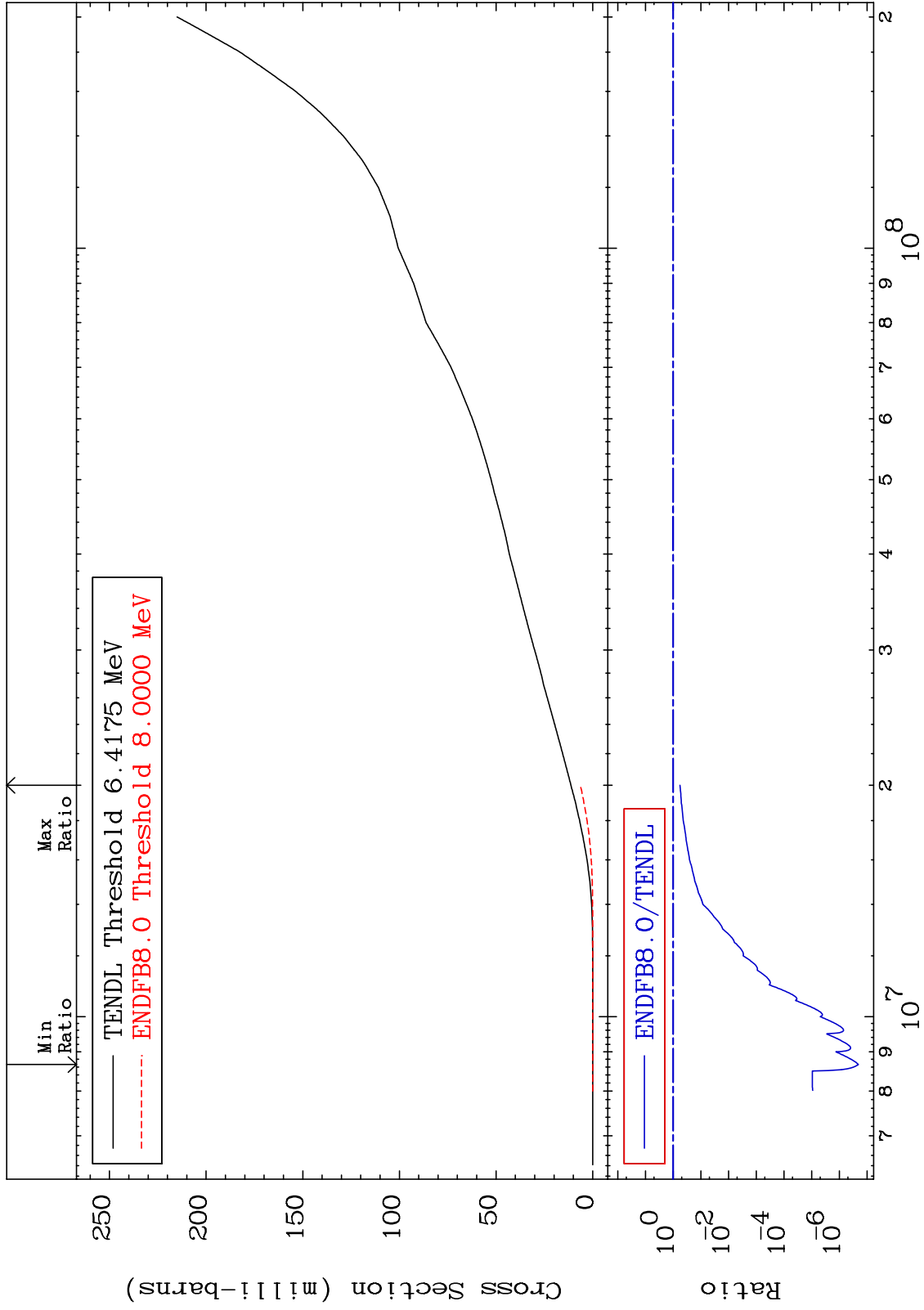
52-Te-124
-100.0 To 7.075 %



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Deuterium Production
Cross Section

52-Te-124
-100.0 To -42.97%



30

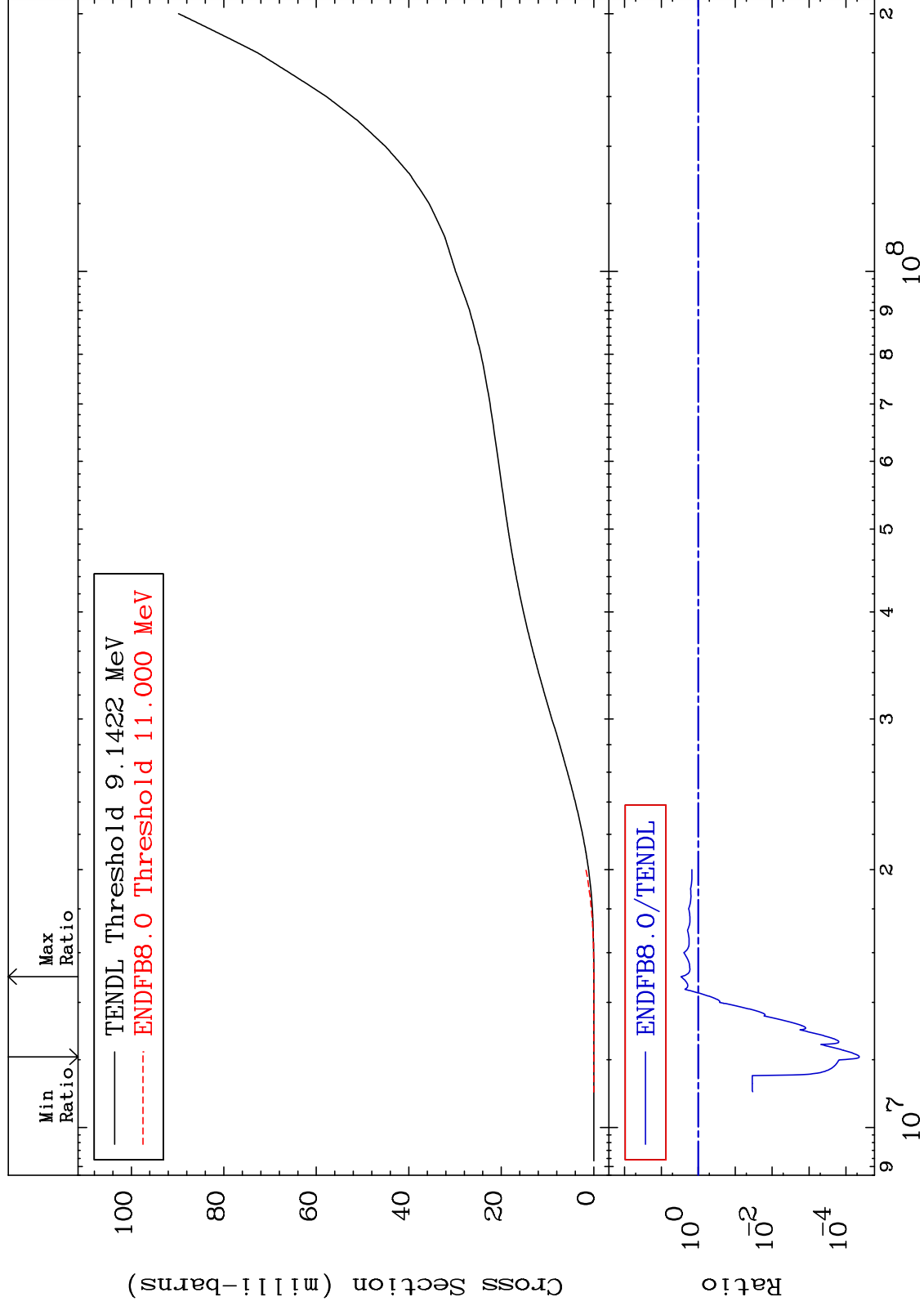
Incident Energy (eV)

52-Te-124

MAT 5237

Tritium Production
Cross Section

52-Te-124
-100.0 To 193.2 %



31

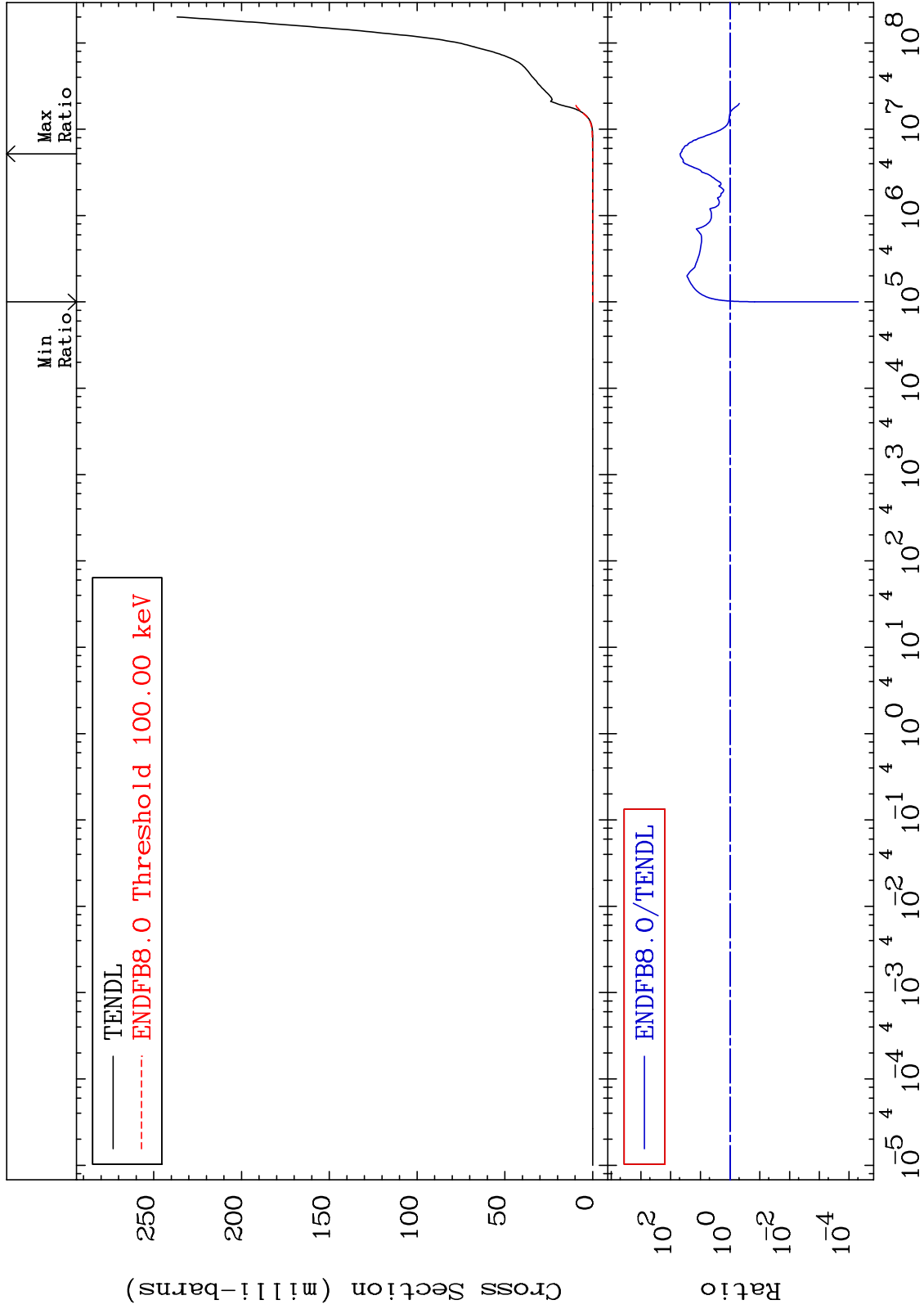
Incident Energy (eV)

52-Te-124

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He-4 Production
Cross Section

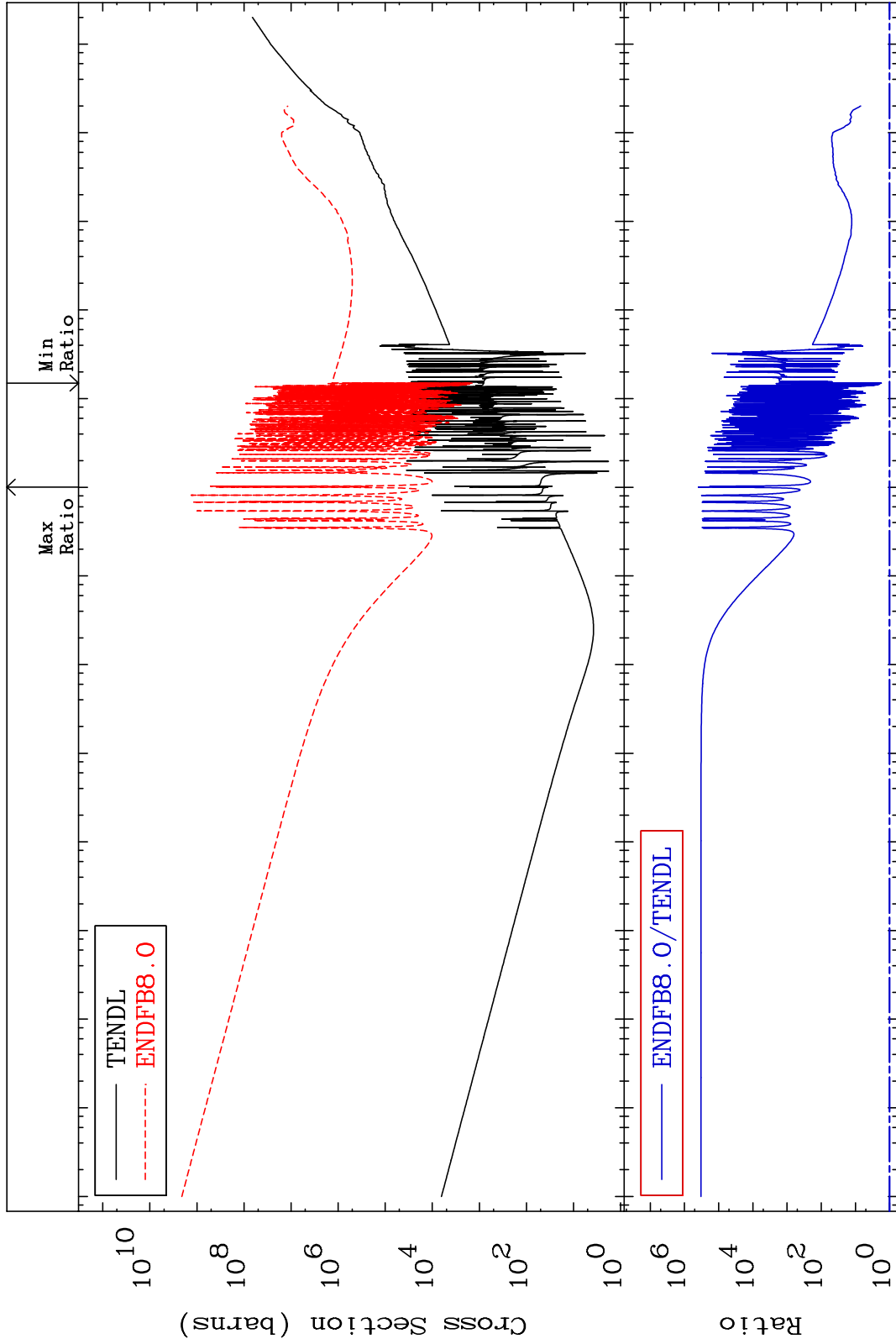
52-Te-124
-100.0 To 4748. %



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Kerma total (eV-barns)
Cross Section

52-Te-124
72.11 To 9999. %

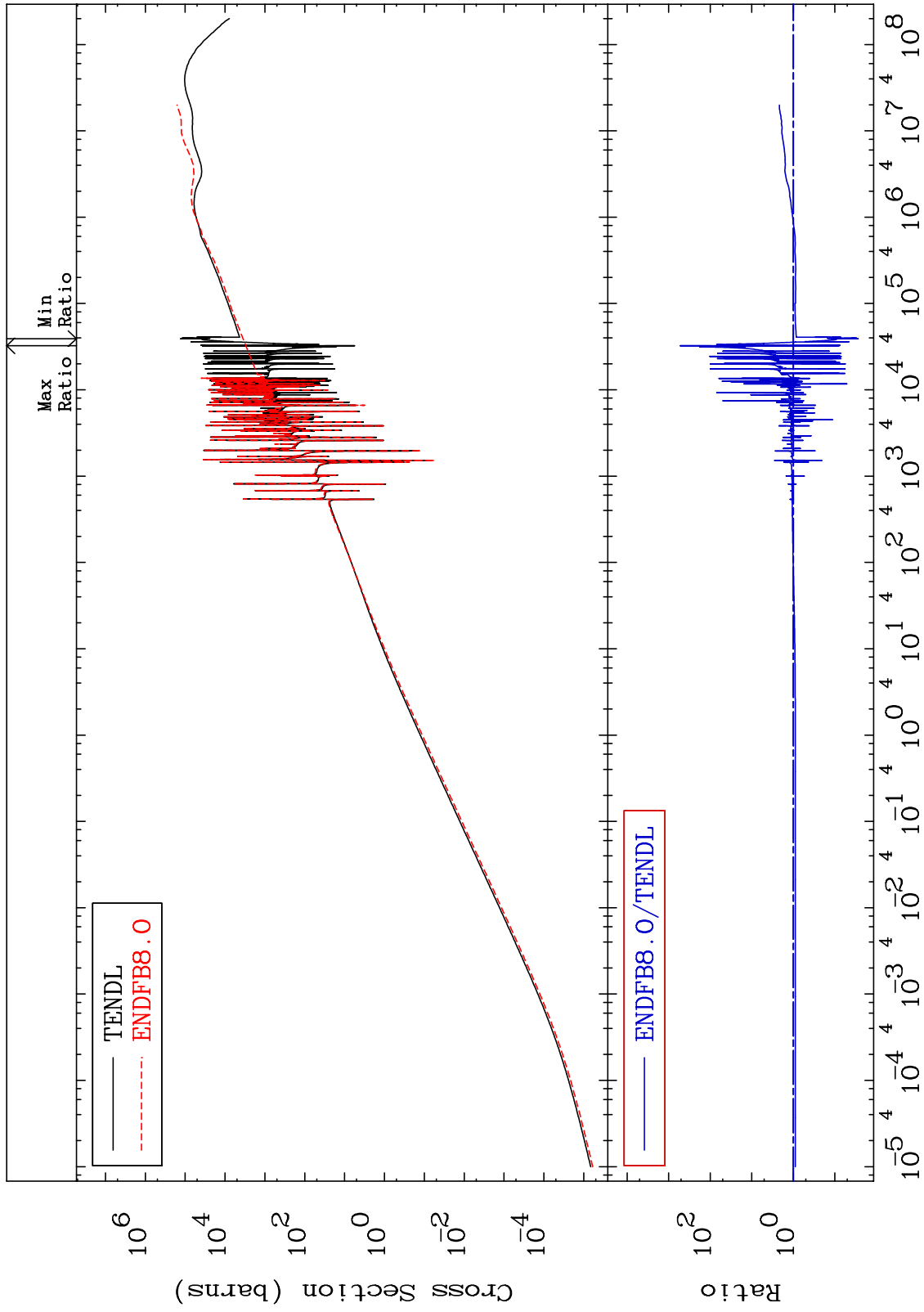


Ratio
10¹⁰
10⁸
10⁶
10⁴
10²
10⁰
10⁶
10⁴
10²
10⁰
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸
Incident Energy (eV)
52-Te-124

MAT 5237

Kerma elastic
Cross Section

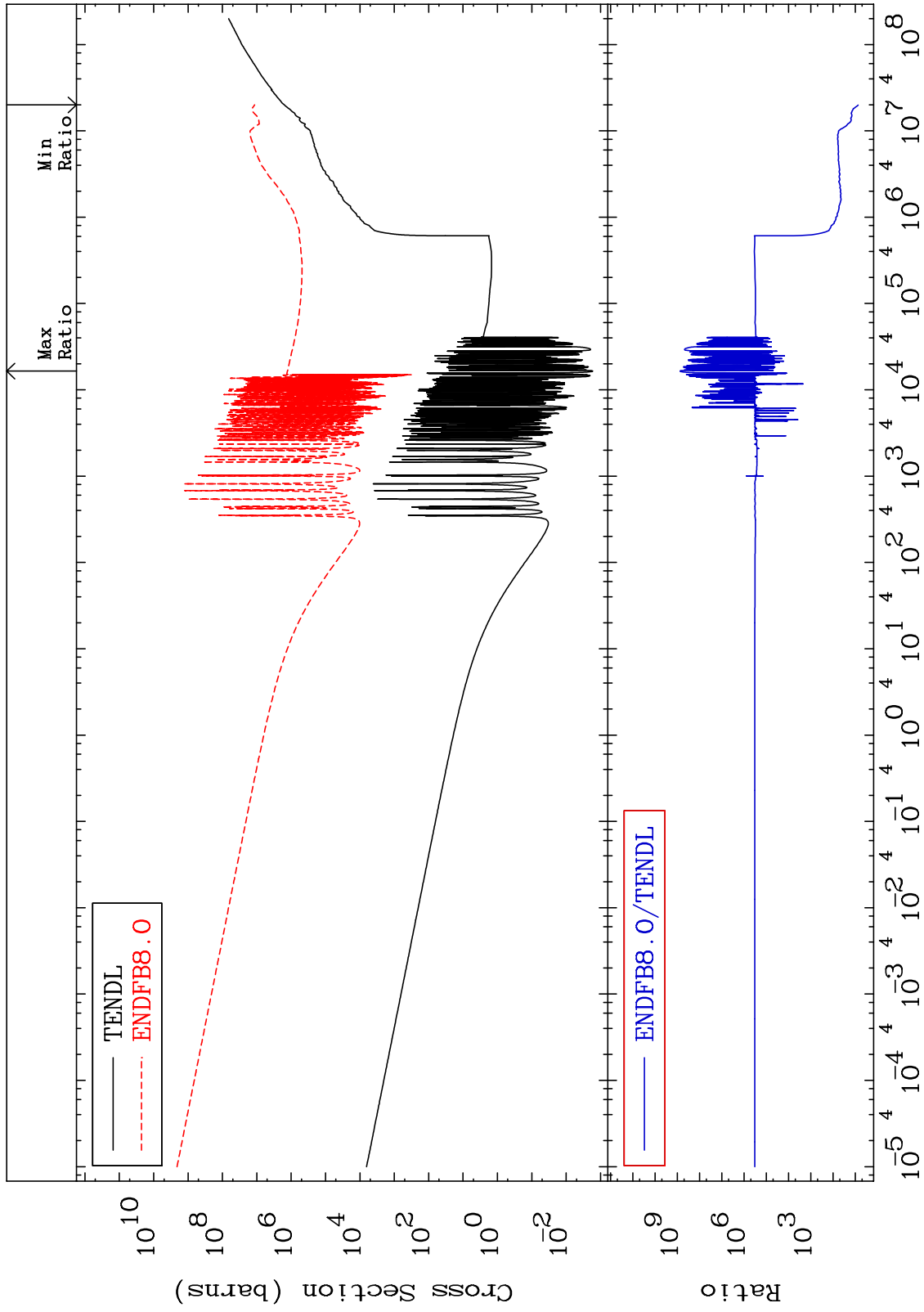
52-Te-124
-97.29 To 9999. %



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Kerma non-elastic (all but mt2)
Cross Section

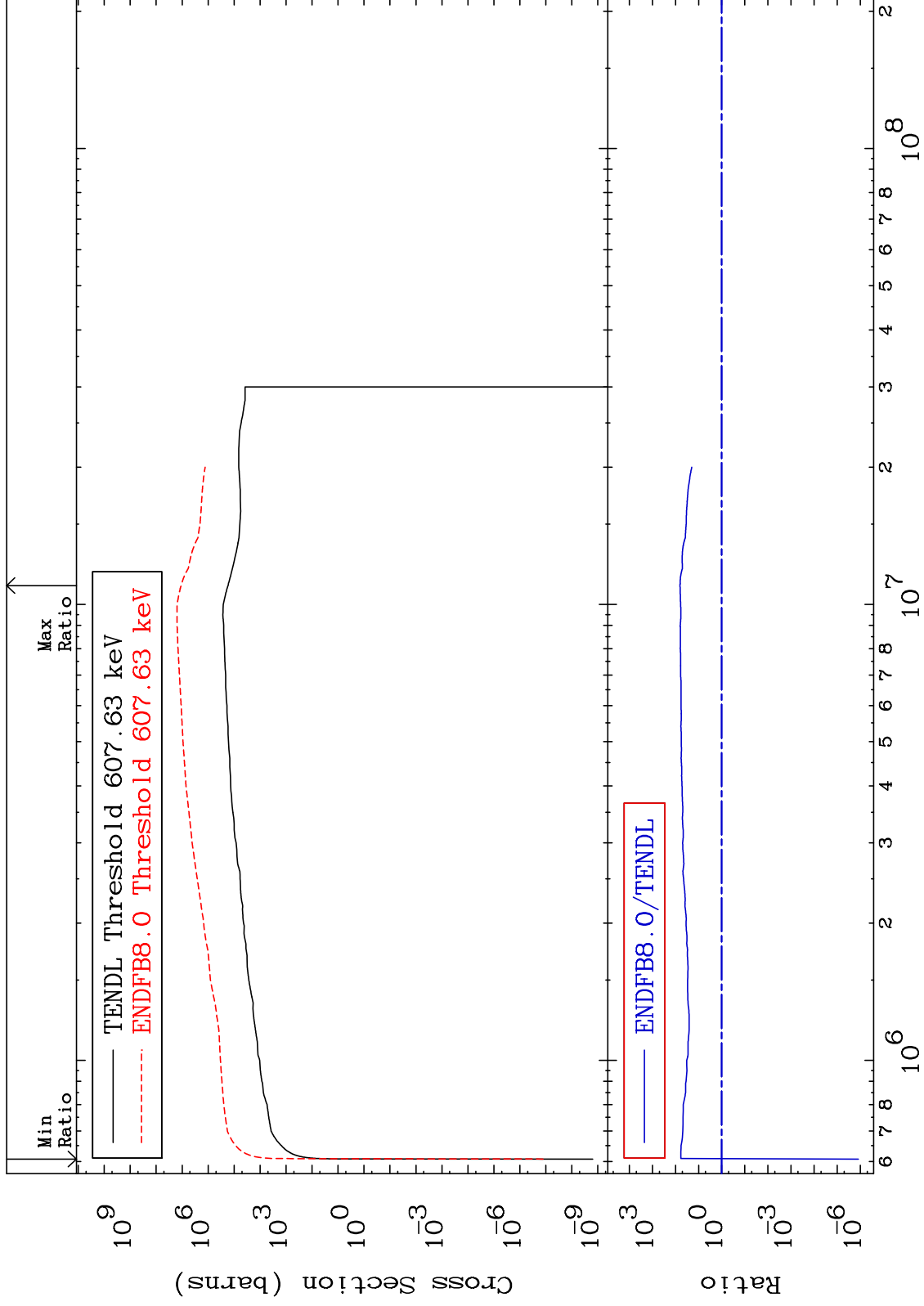
52-Te-124
623.4 To 9999. %



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Kerma inelastic (mt51-91)
Cross Section

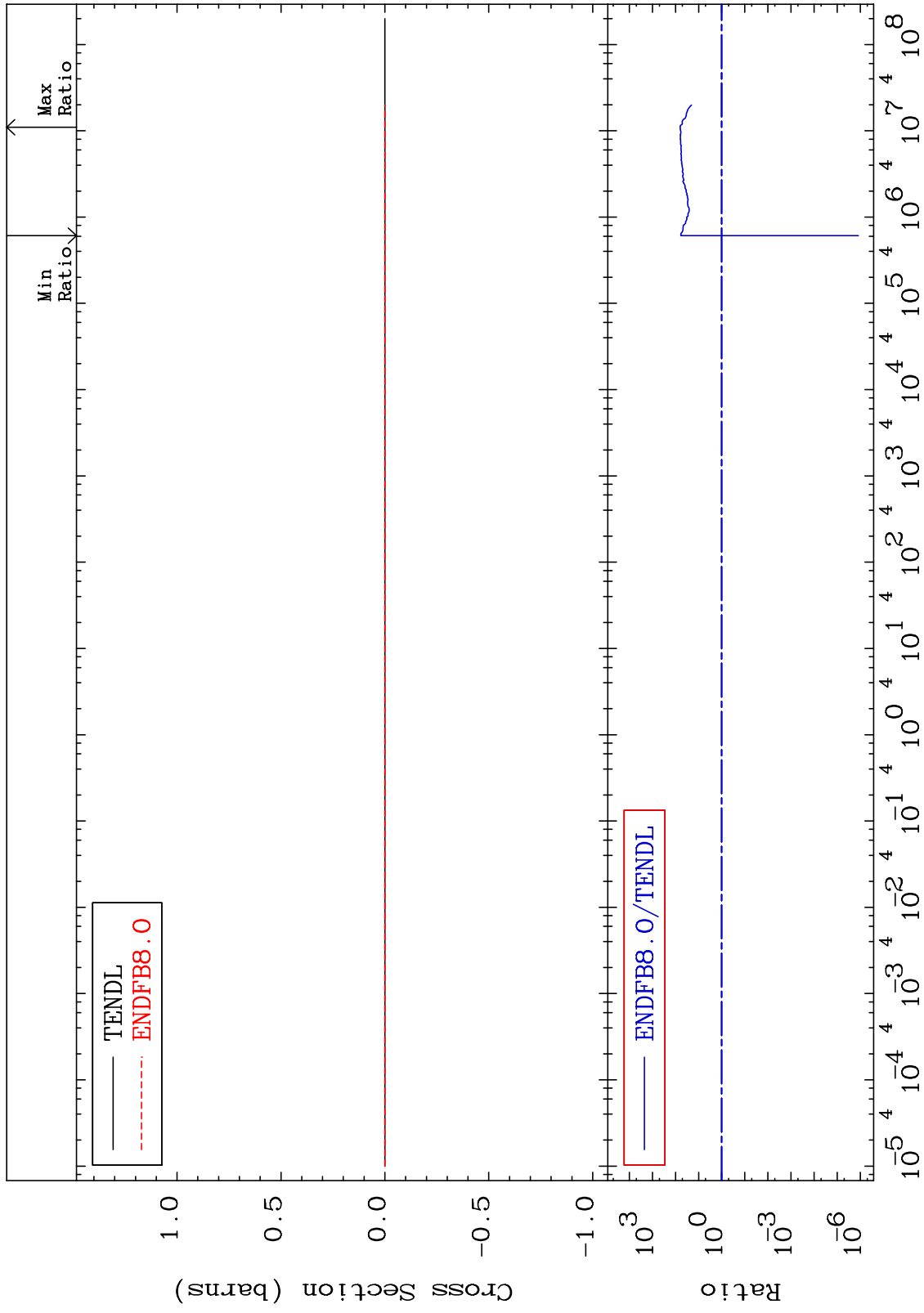
52-Te-124
-100.0 To 6277. %



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

52-Te-124
-100.0 To 6277. %



37

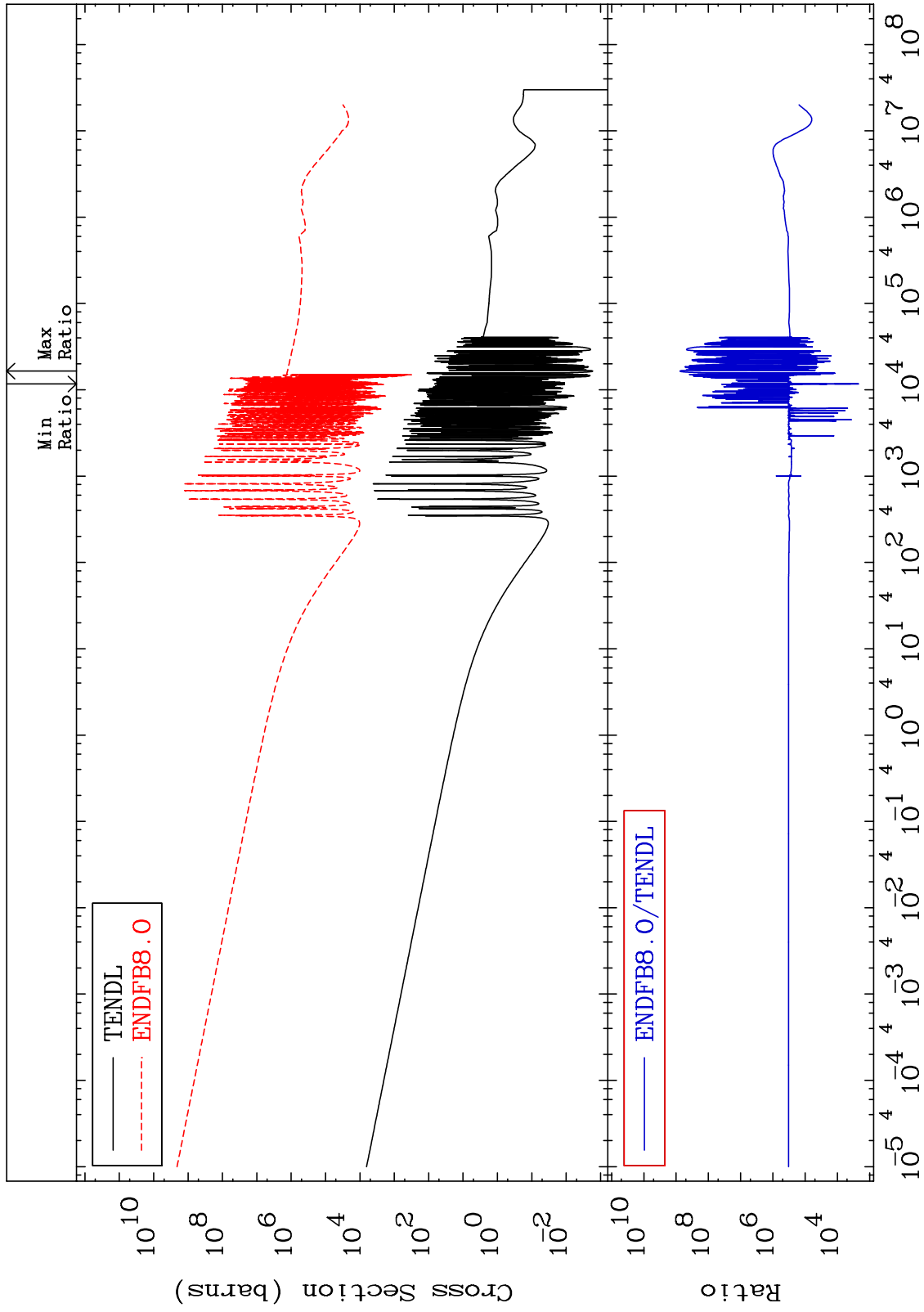
Incident Energy (eV)

52-Te-124

MAT 5237

Kerma capture (mt102)
Cross Section

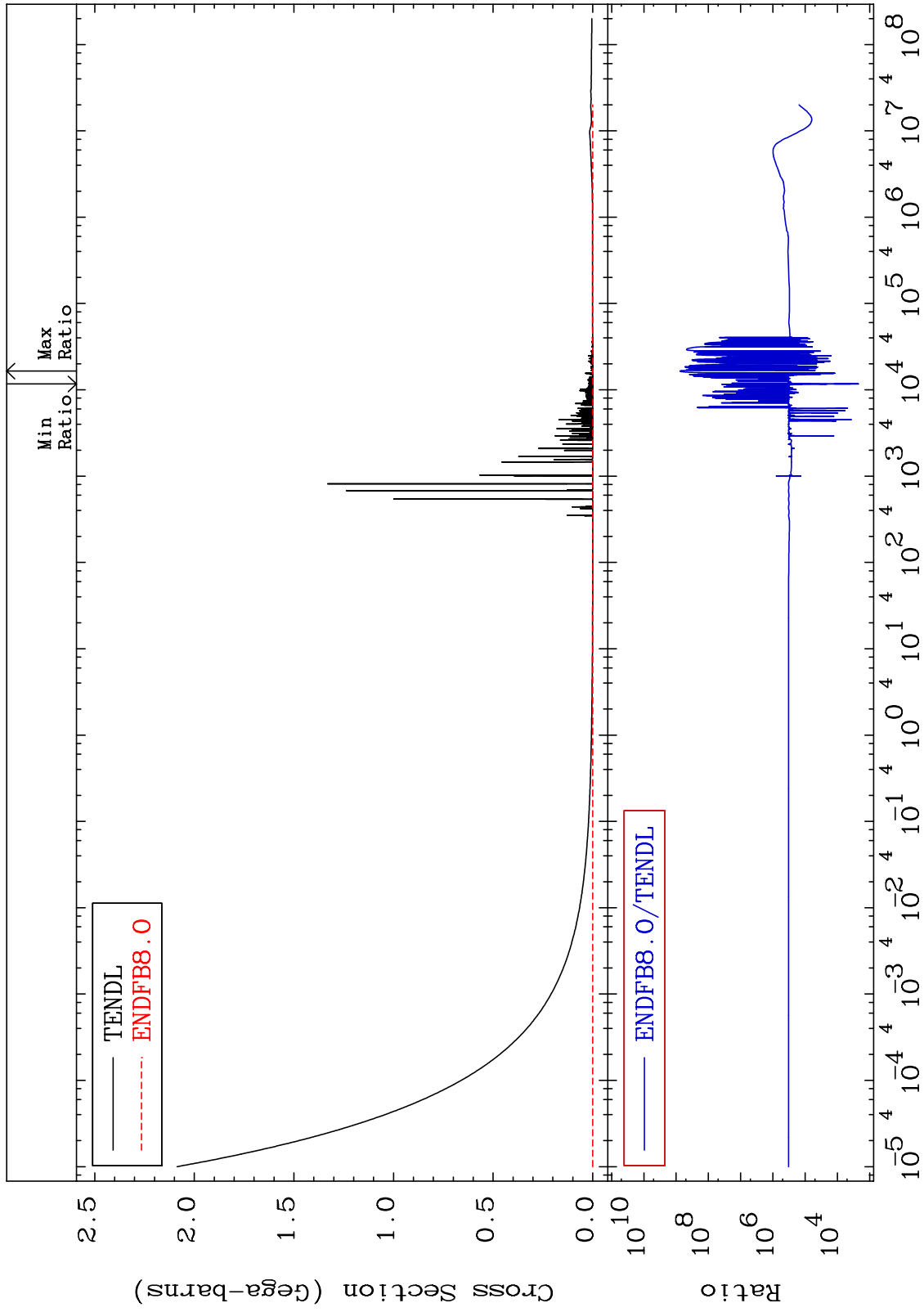
52-Te-124
9999. To 9999. %



MAT 5237

Total photon (eV-barns)
Cross Section

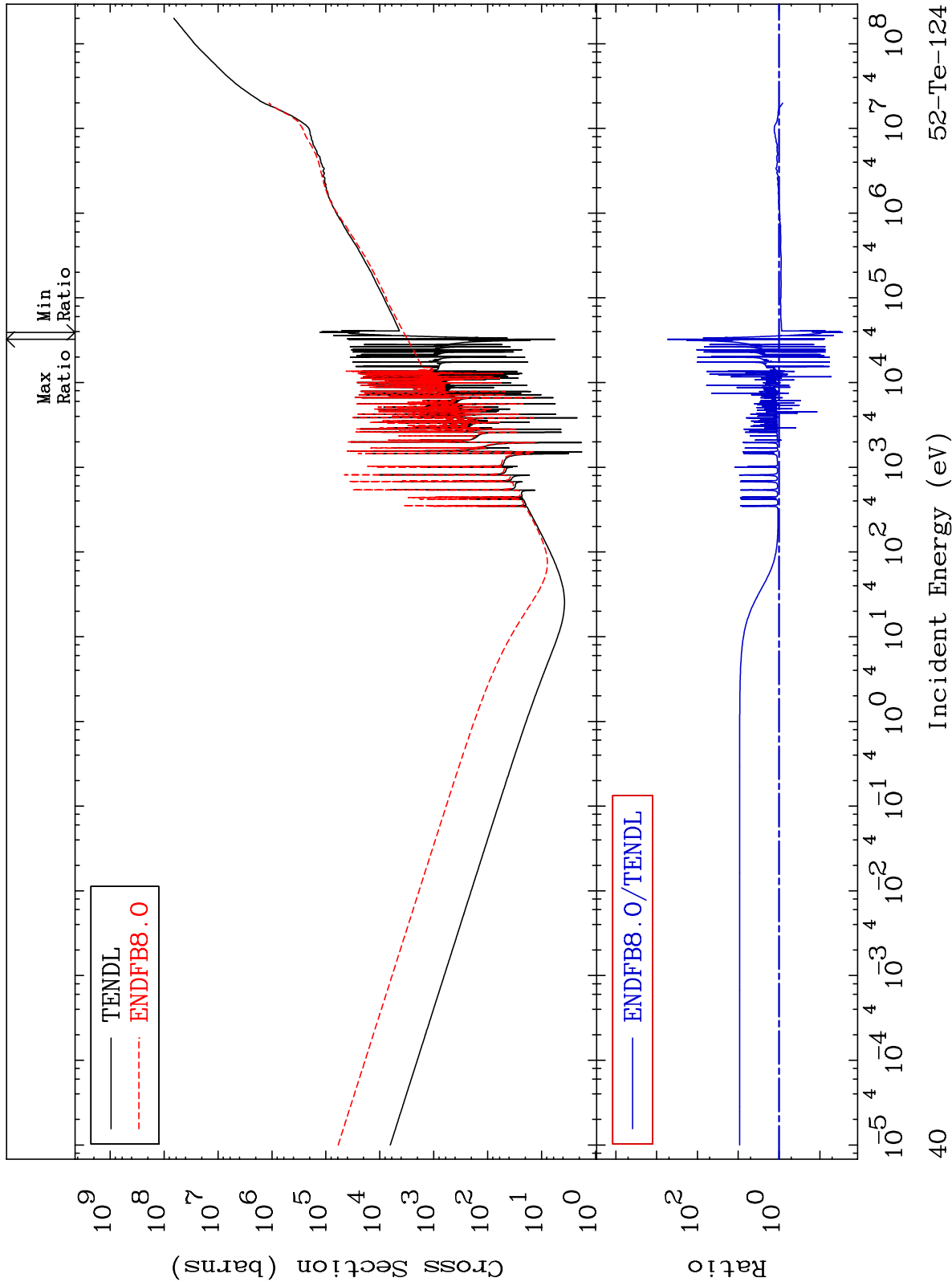
52-Te-124
9999. To 9999. %



MAT 5237

Total kinematic kerma (high limit)
Cross Section

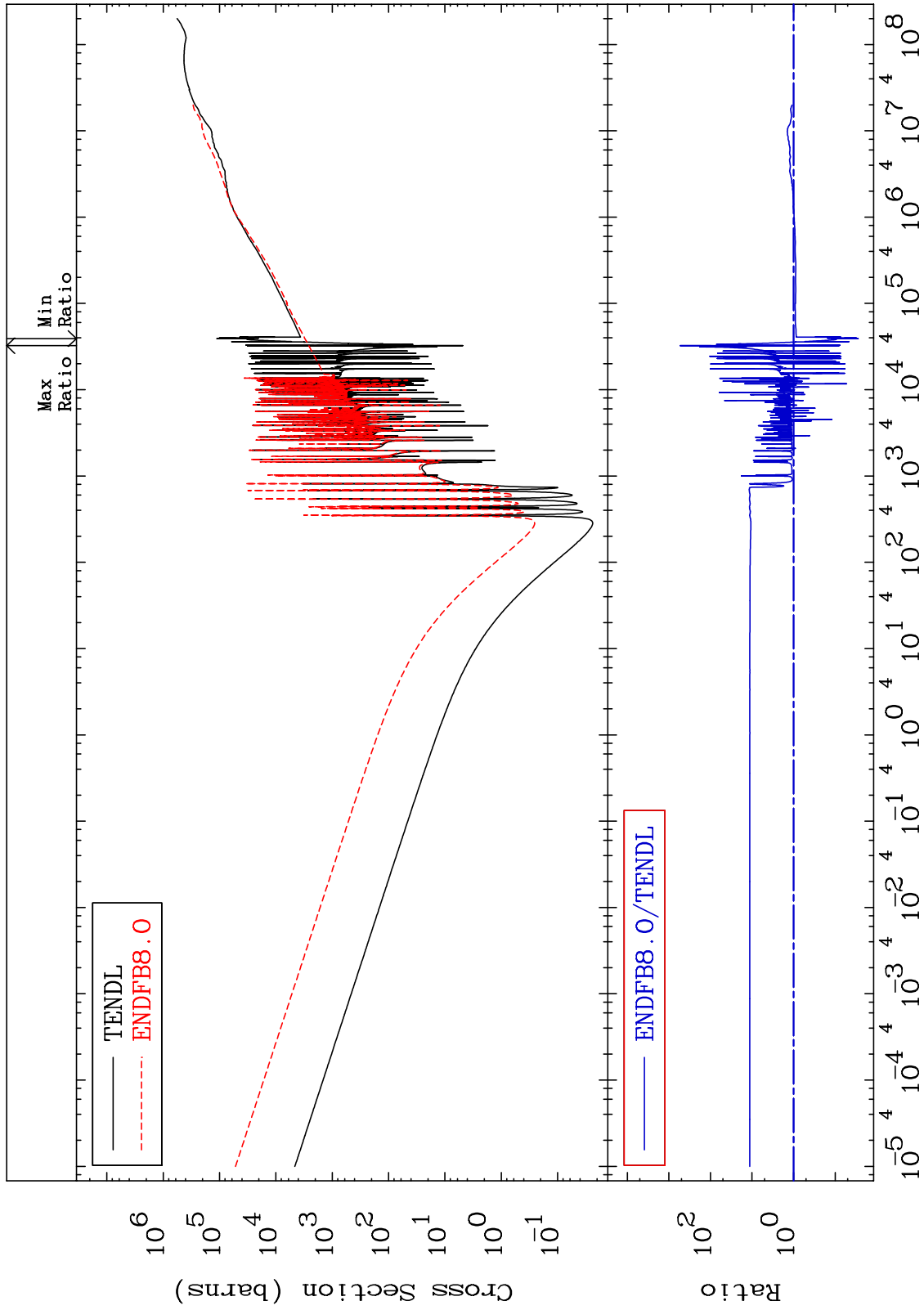
52-Te-124
-97.25 To 9999. %



MAT 5237

Dpa total (eV-barns)
Cross Section

52-Te-124
-97.24 To 9999. %



41

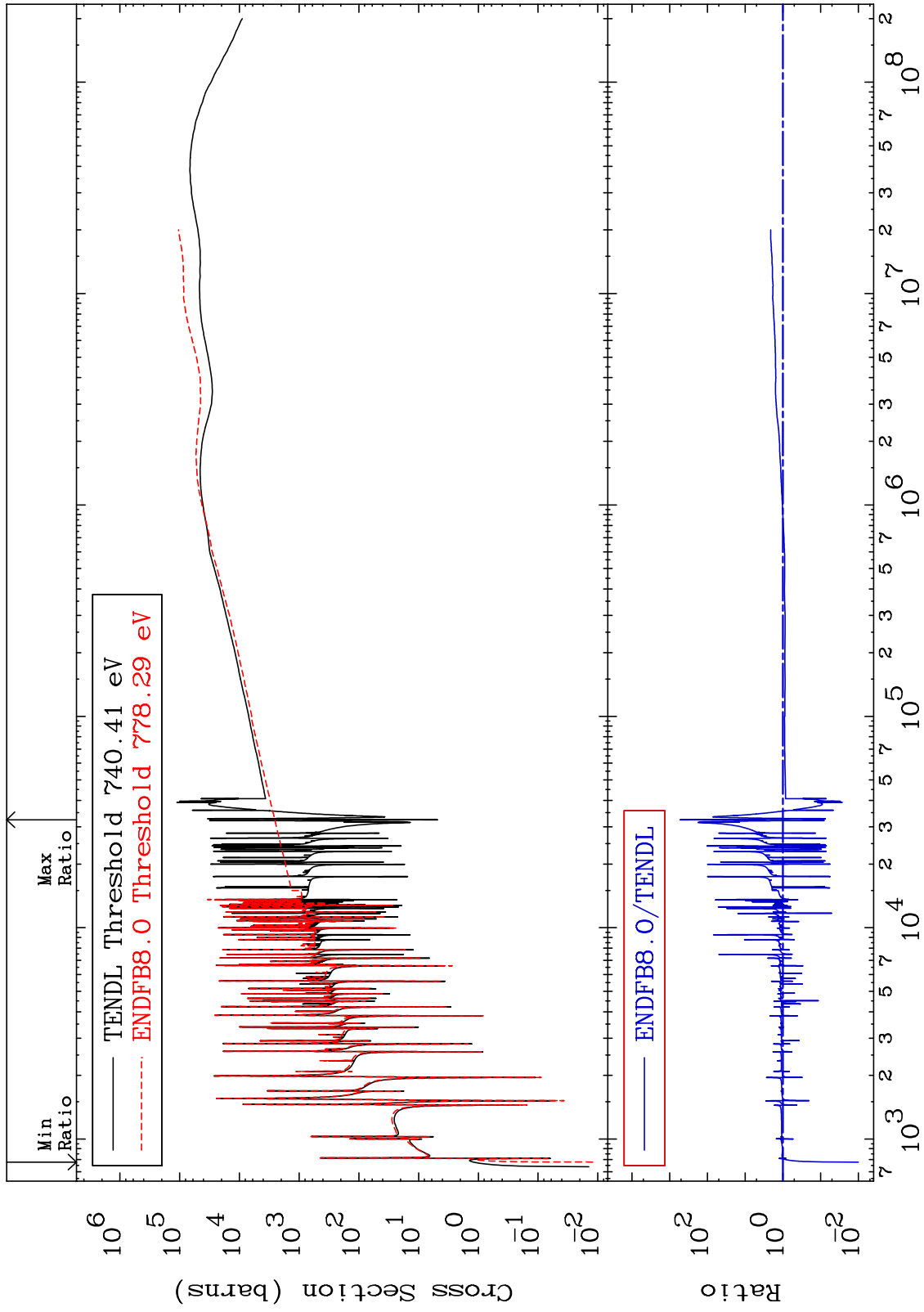
Incident Energy (eV)

52-Te-124

MAT 5237

Dpa elastic (mt2)
Cross Section

52-Te-124
-99.00 To 9999. %



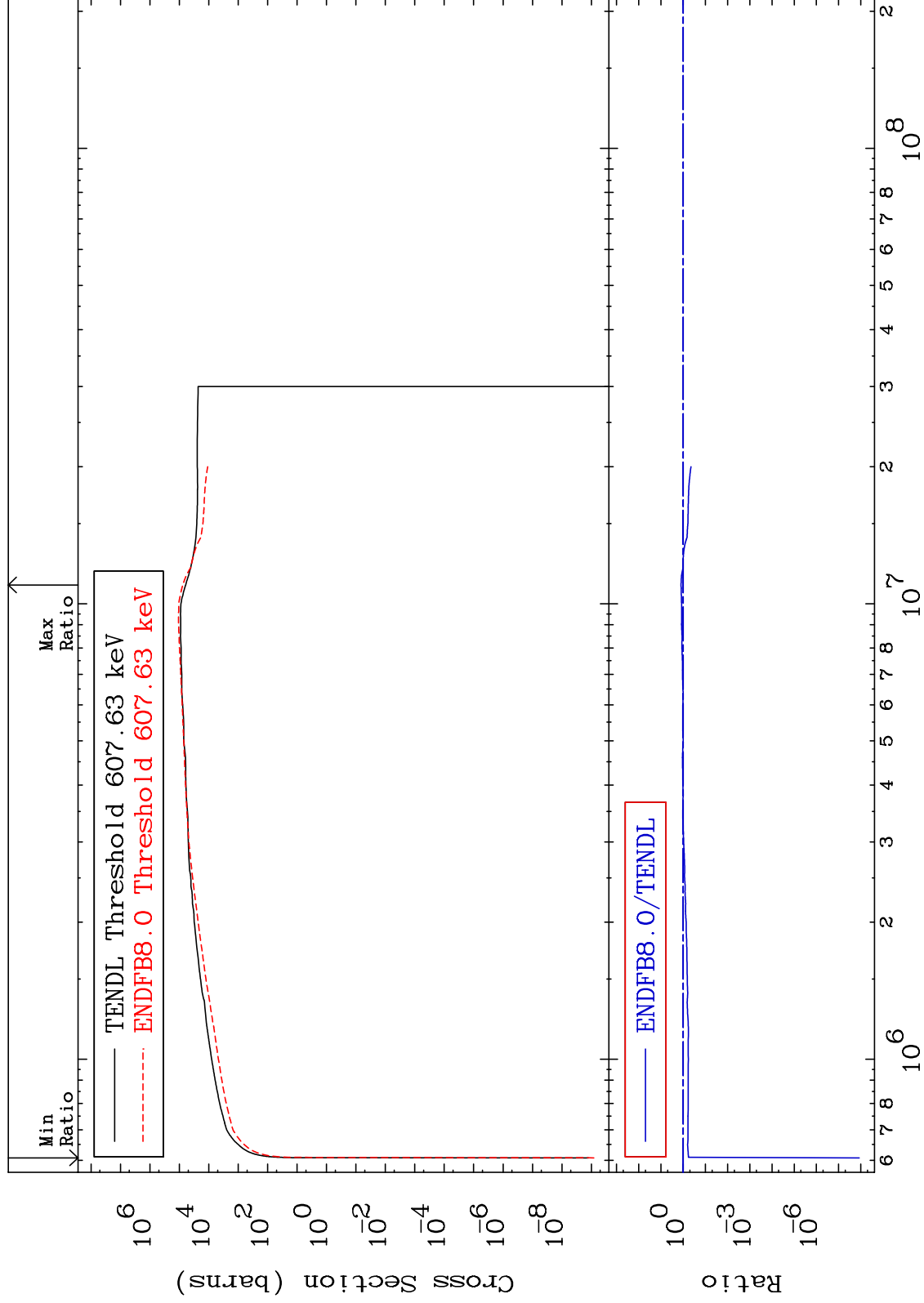
42

52-Te-124

MAT 5237

Dpa inelastic (mt51-91)
Cross Section

52-Te-124
-100.0 To 24.74 %



MAT 5237

Dpa disappearance (mt102 -120)
Cross Section

52-Te-124
-88.48 To 9999. %

