

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

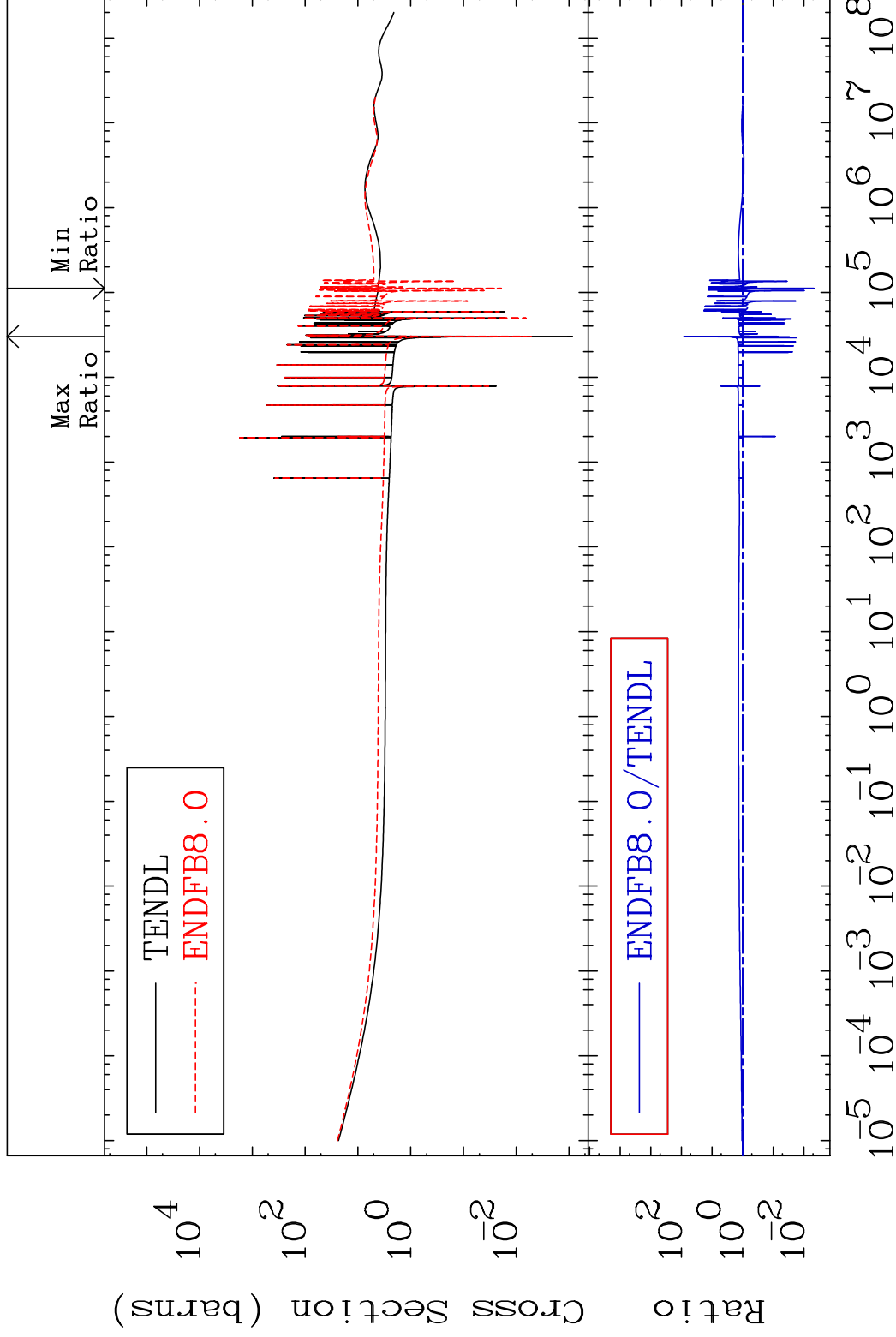
MAT 5649

Total

56-Ba-138

Cross Section

-99.54 To 8367. %



1

Incident Energy (eV)

56-Ba-138

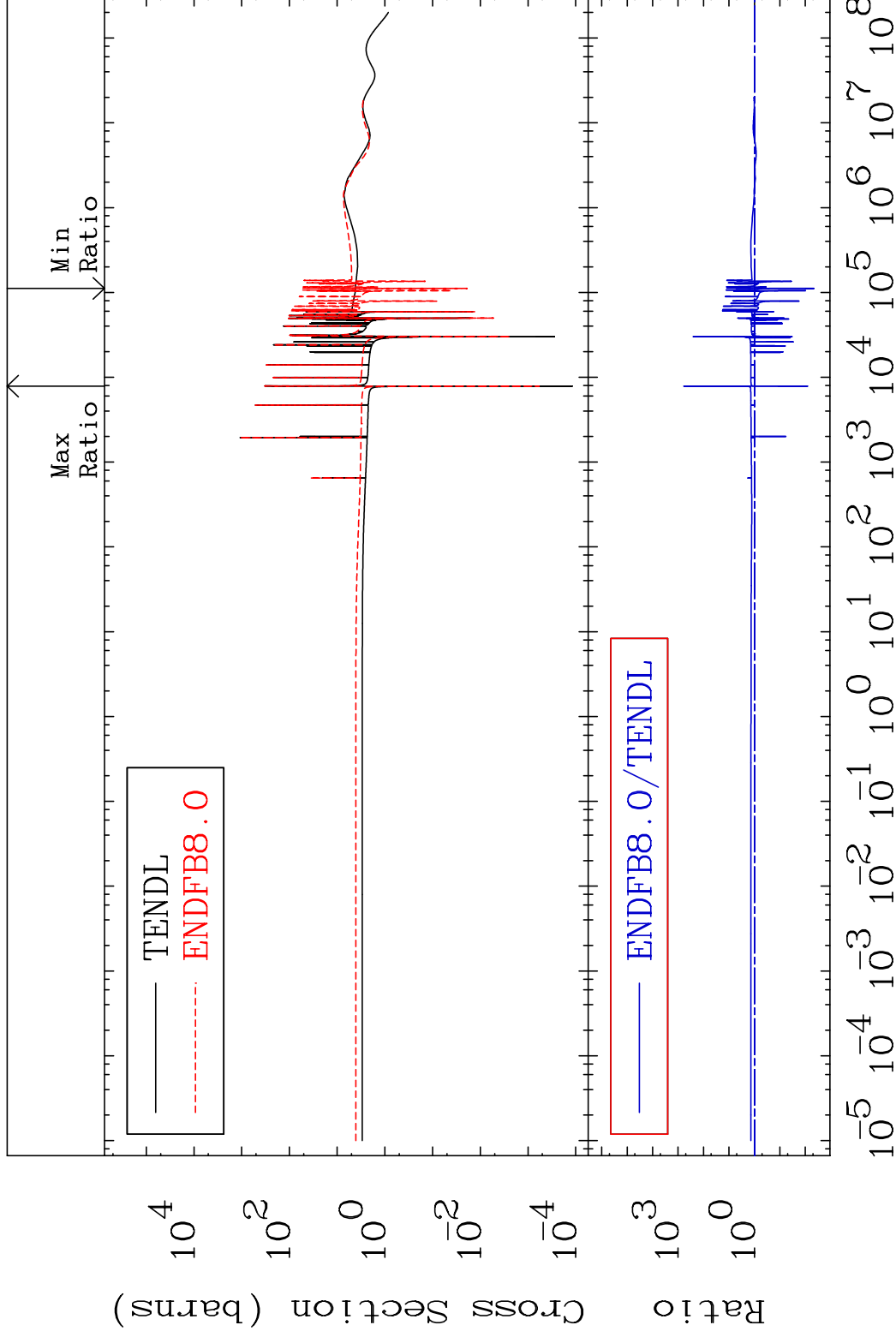
MAT 5649

Elastic

56-Ba-138

Cross Section

-99.55 To 9999. %

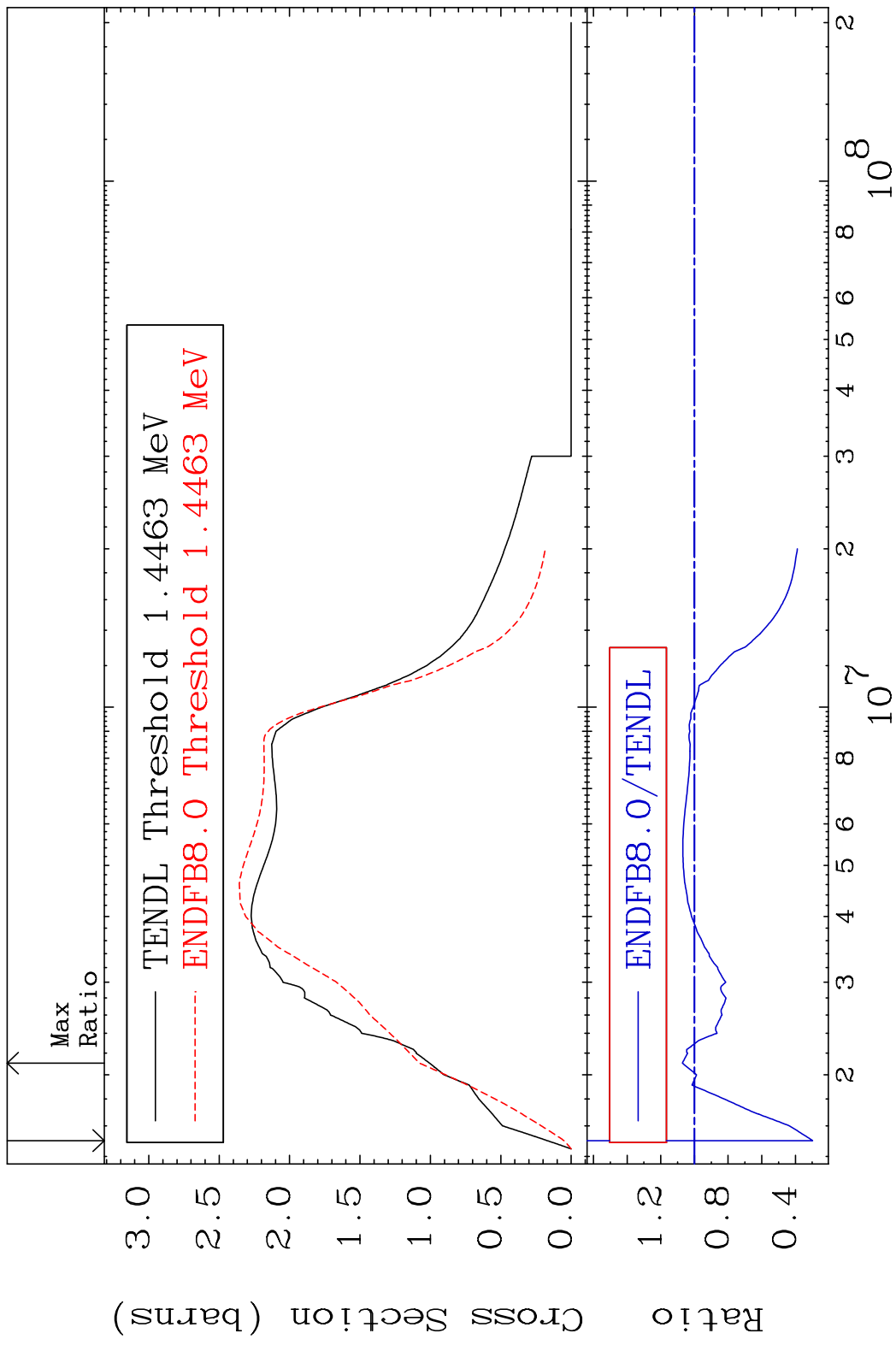


2

Incident Energy (eV)

56-Ba-138

MAT 5649 Inelastic 56-Ba-138
 Cross Section -70.20 To 7.178 %



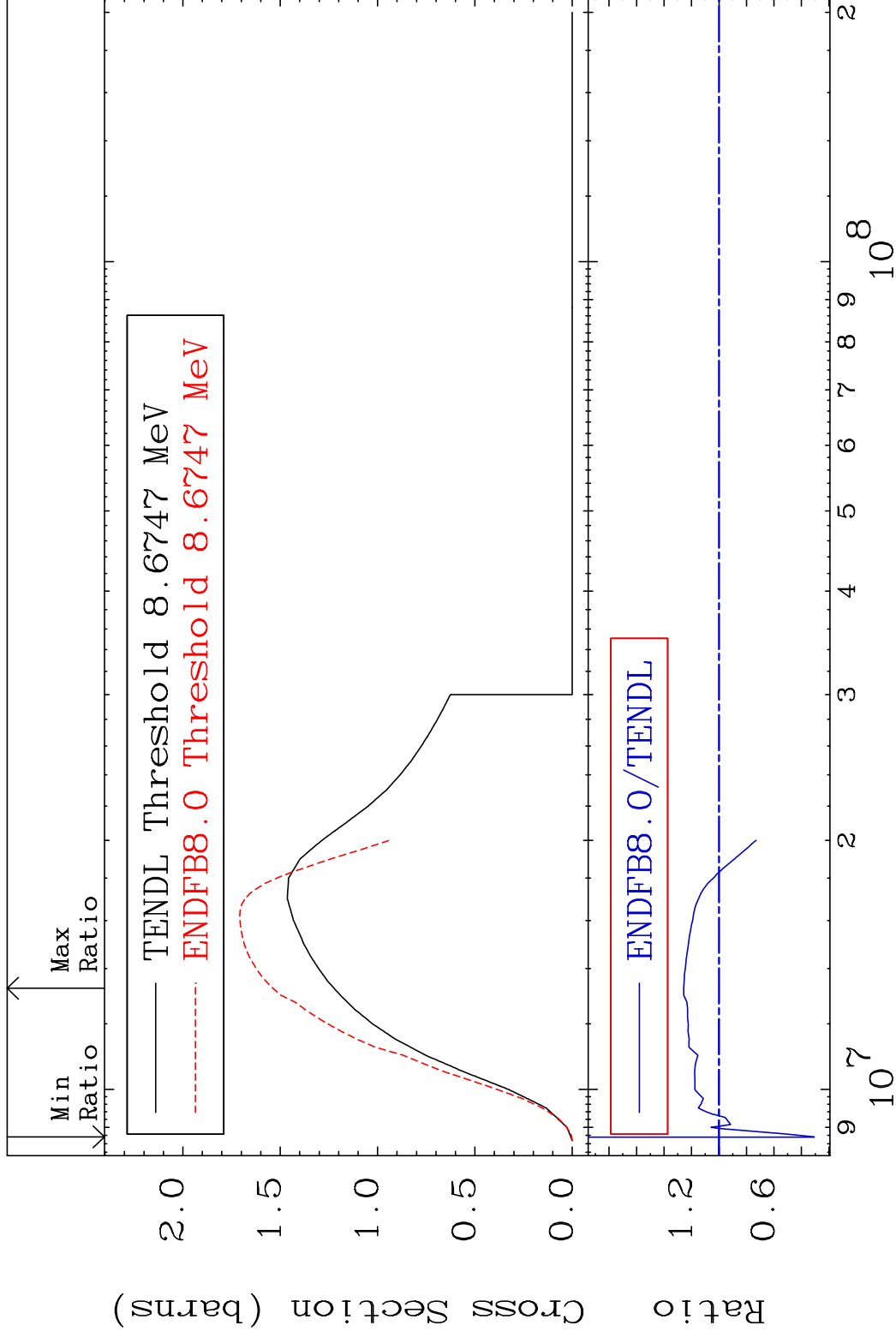
3 Incident Energy (eV) 56-Ba-138

MAT 5649

(n,2n)

56-Ba-138

Cross Section -69.20 To 25.72 %

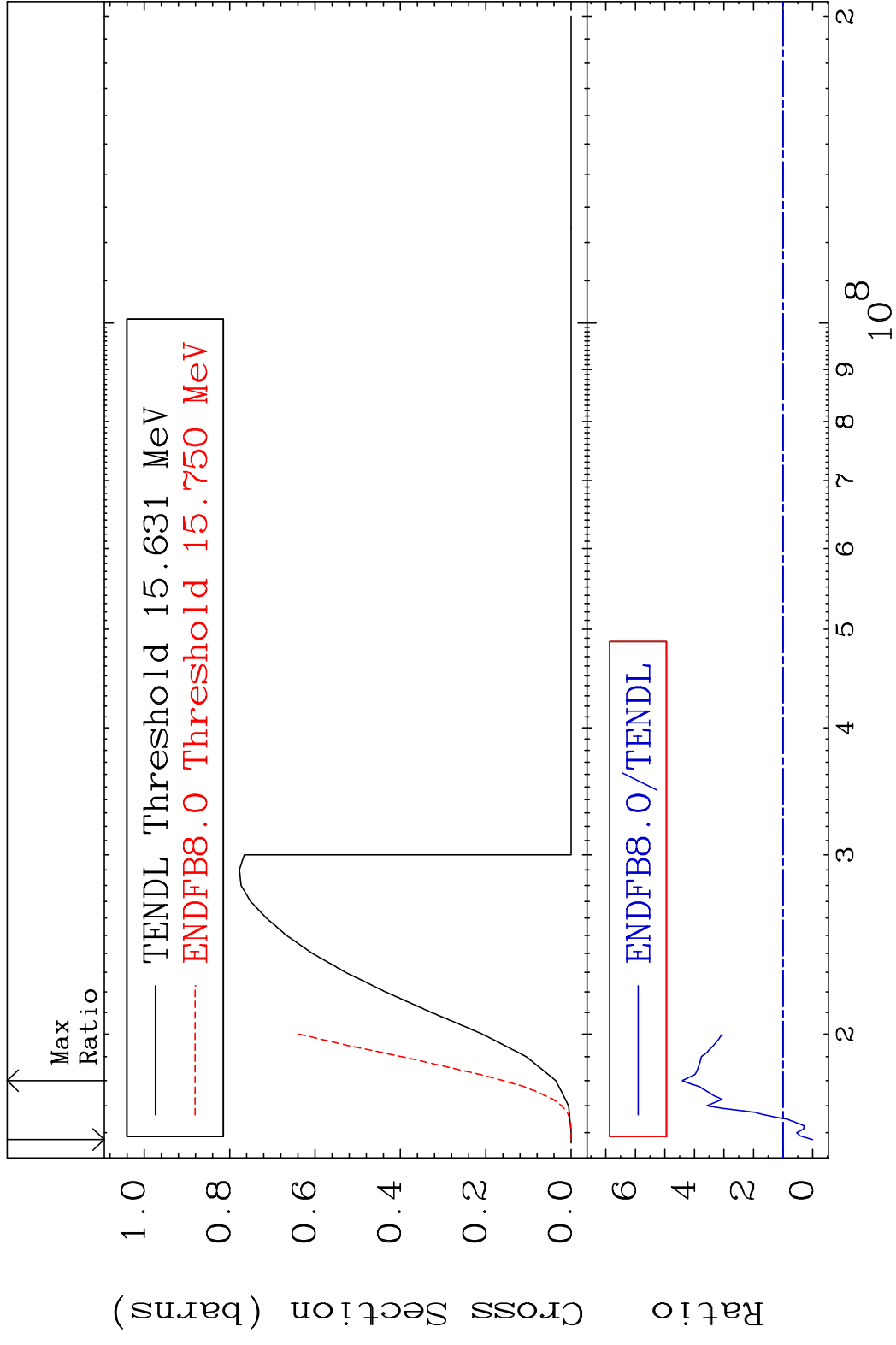


4

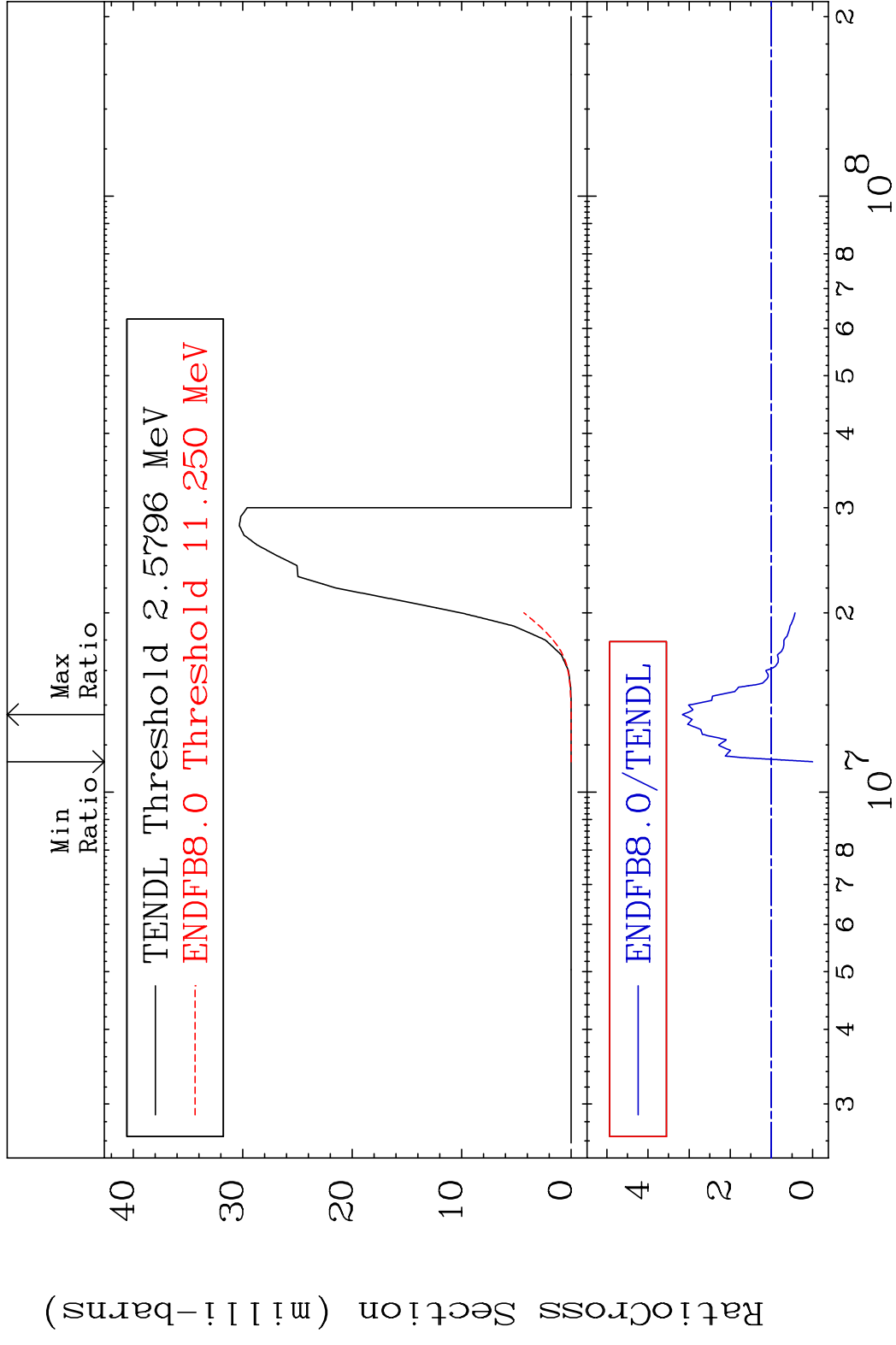
Incident Energy (eV)

56-Ba-138

MAT 5649 (n,3n) 56-Ba-138
 Cross Section -100.0 To 340.8 %



MAT 5649 (n, n') α 56-Ba-138
 Cross Section -100.0 To 216.5 %



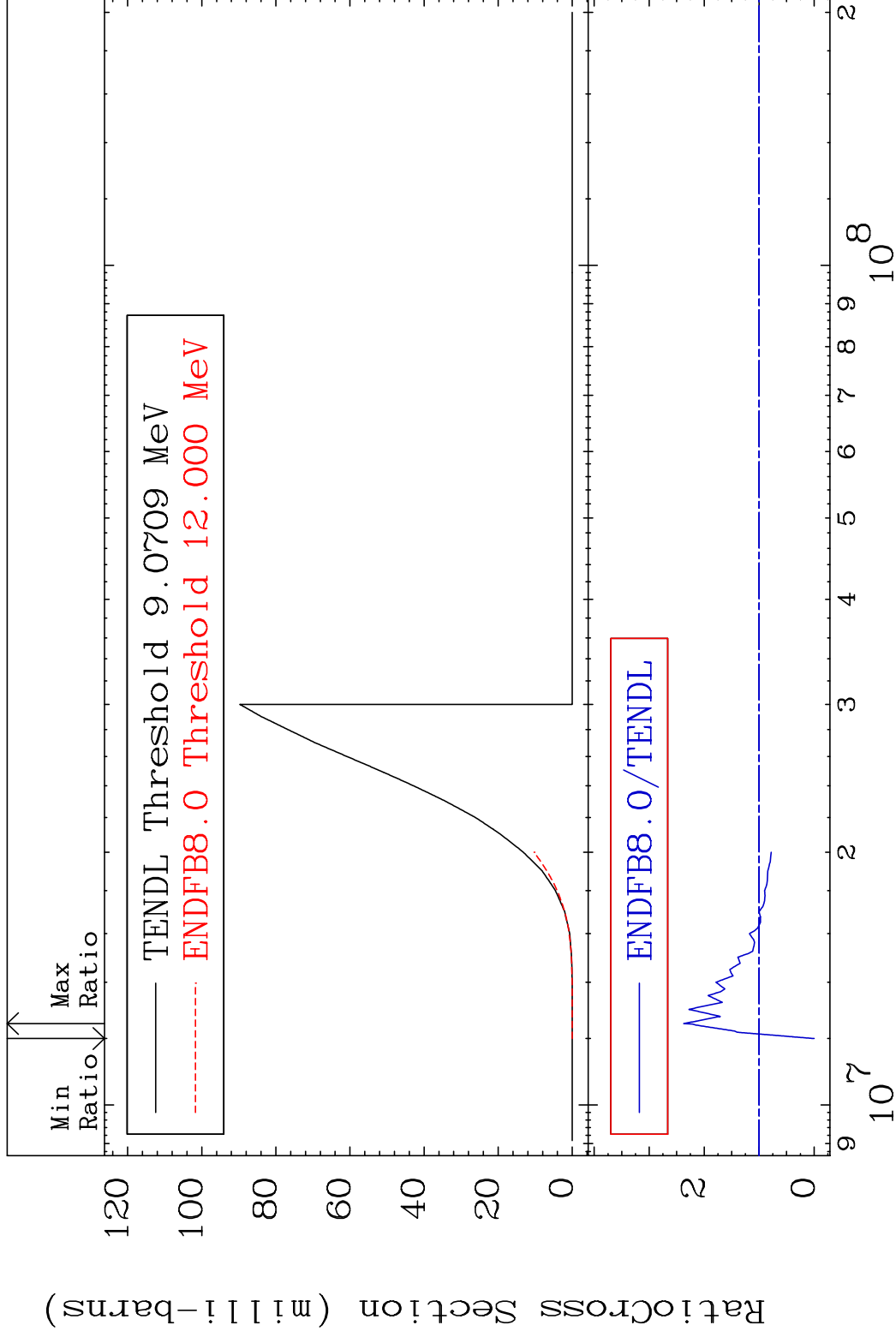
6 Incident Energy (eV) 56-Ba-138

MAT 5649

(n, n') p

56-Ba-138

Cross Section -100.0 To 137.3 %

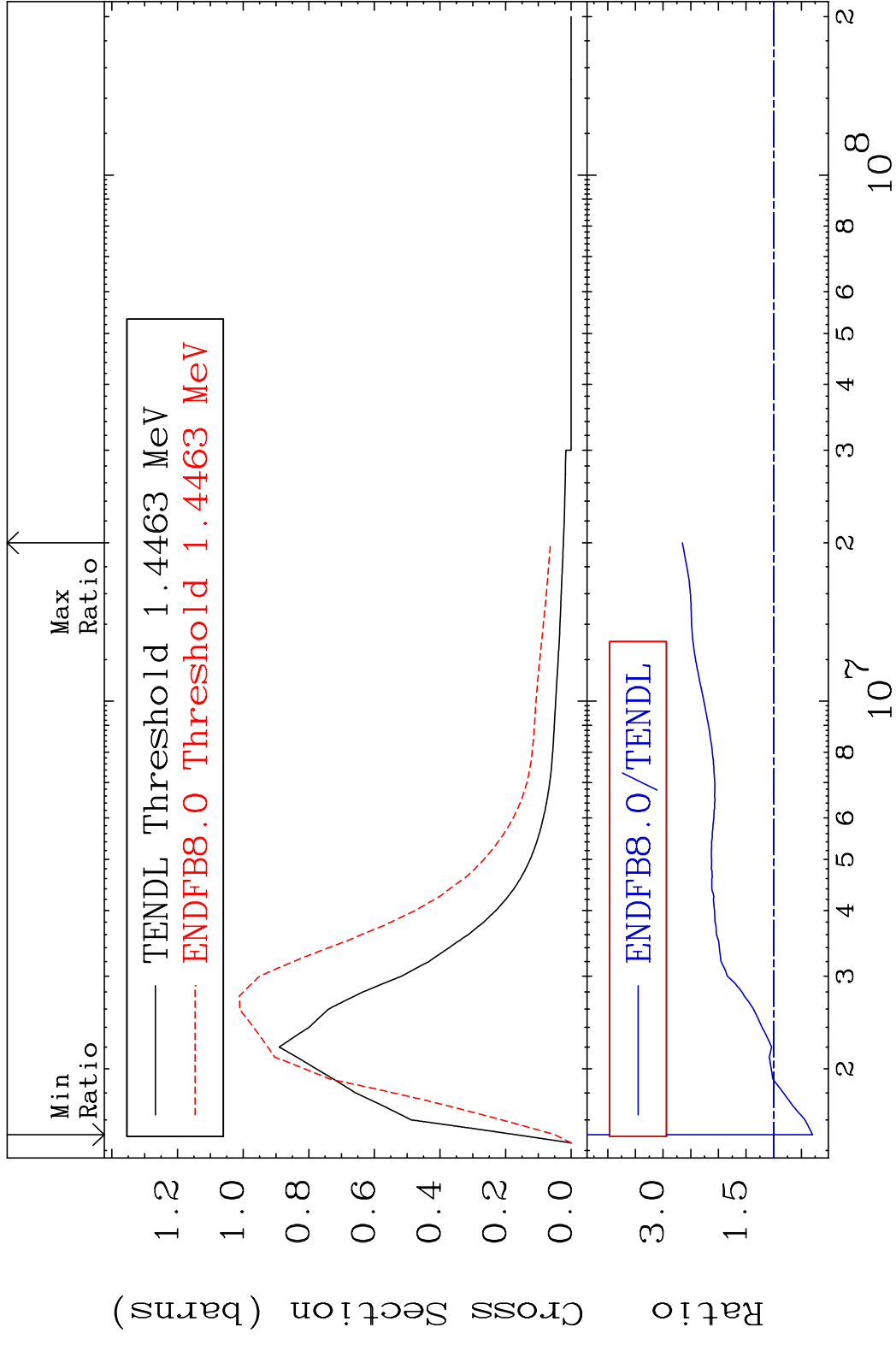


7

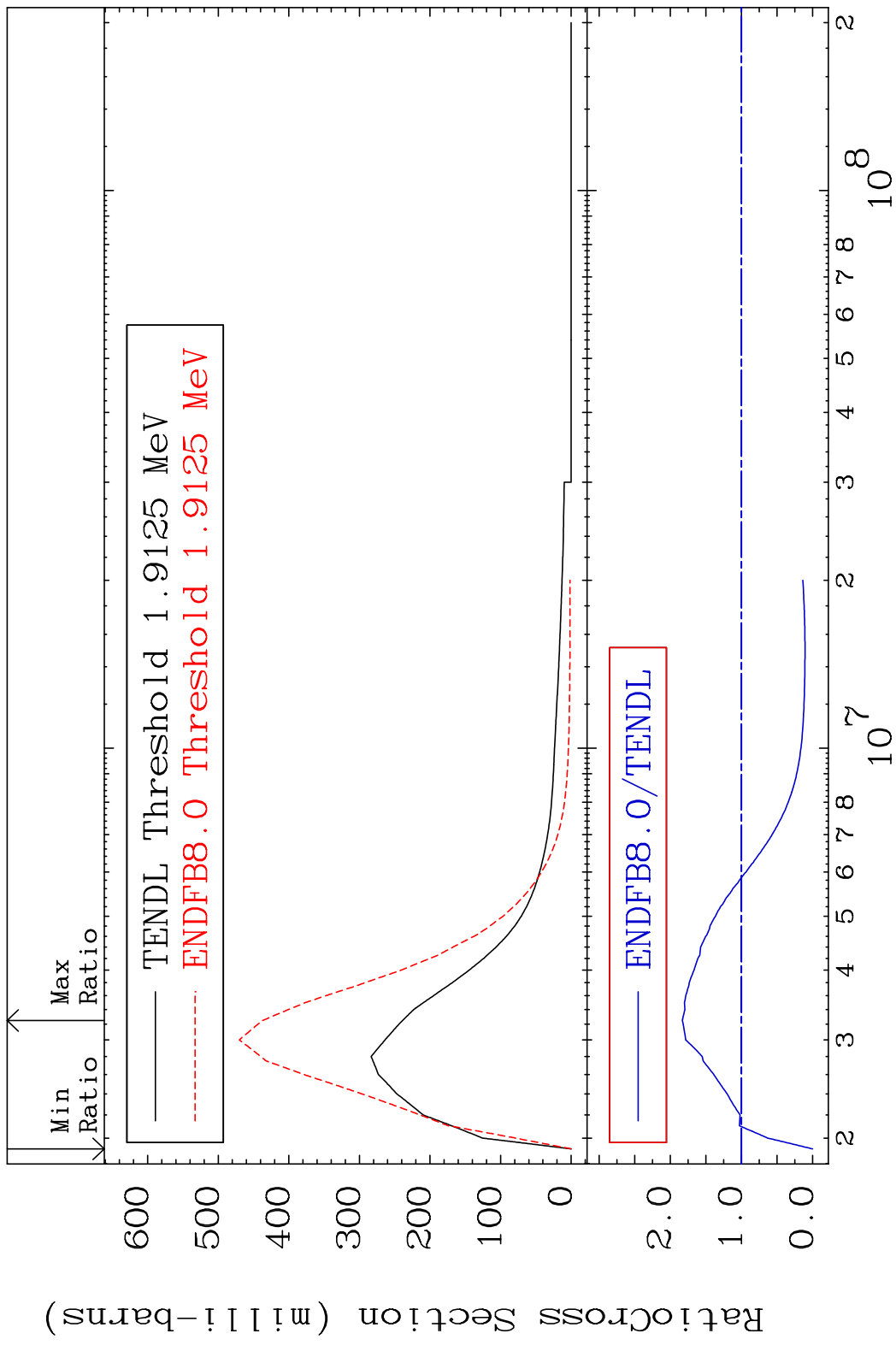
Incident Energy (eV)

56-Ba-138

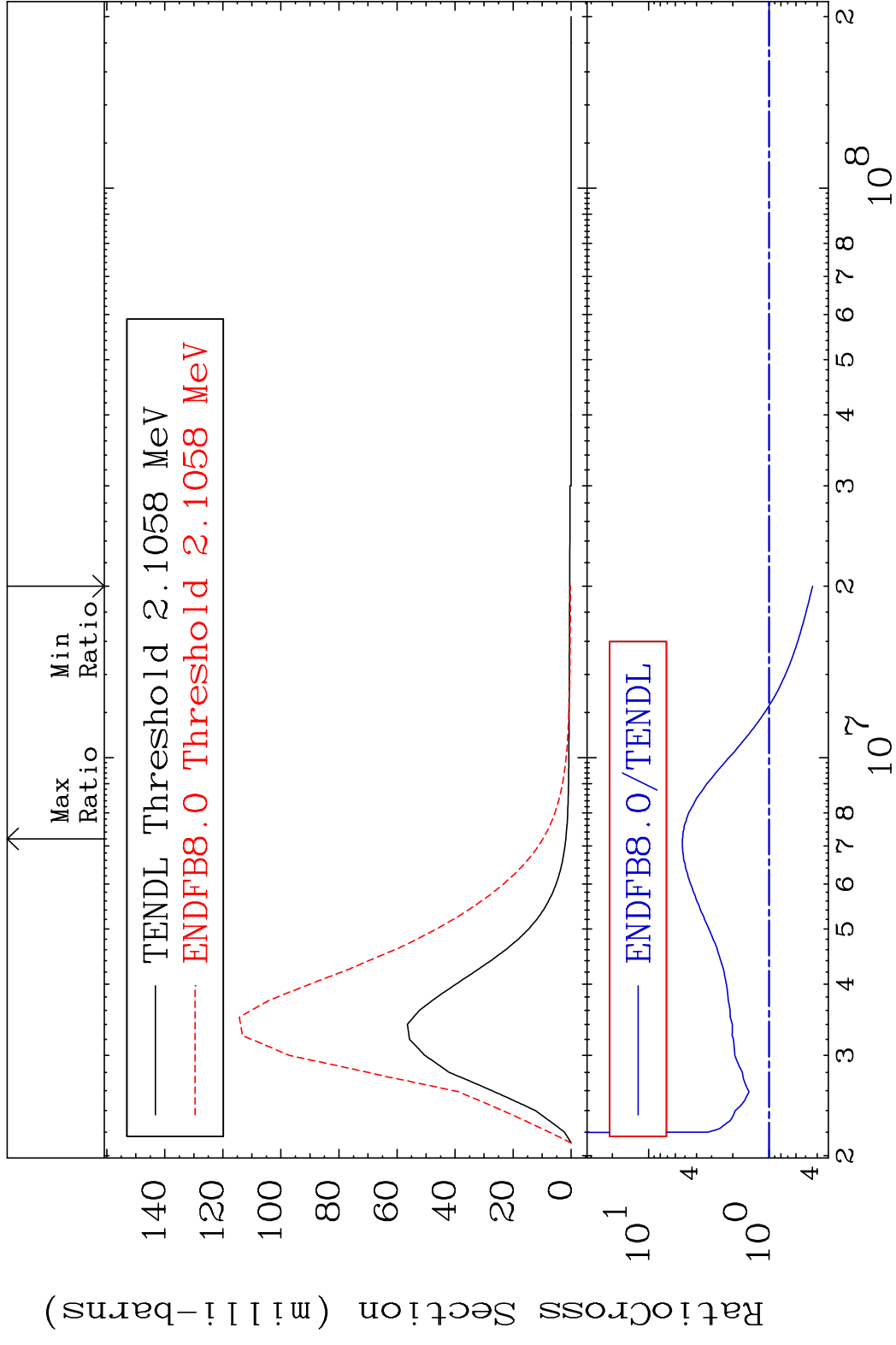
MAT 5649 MT= 51 (n, n') Level 56-Ba-138
 Cross Section -70.20 To 165.2 %



MAT 5649 MT= 52 (n, n') Level 56-Ba-138
 Cross Section -100.0 To 83.02 %



MAT 5649 MT= 53 (n, n') Level 56-Ba-138
 Cross Section -56.37 To 425.1 %



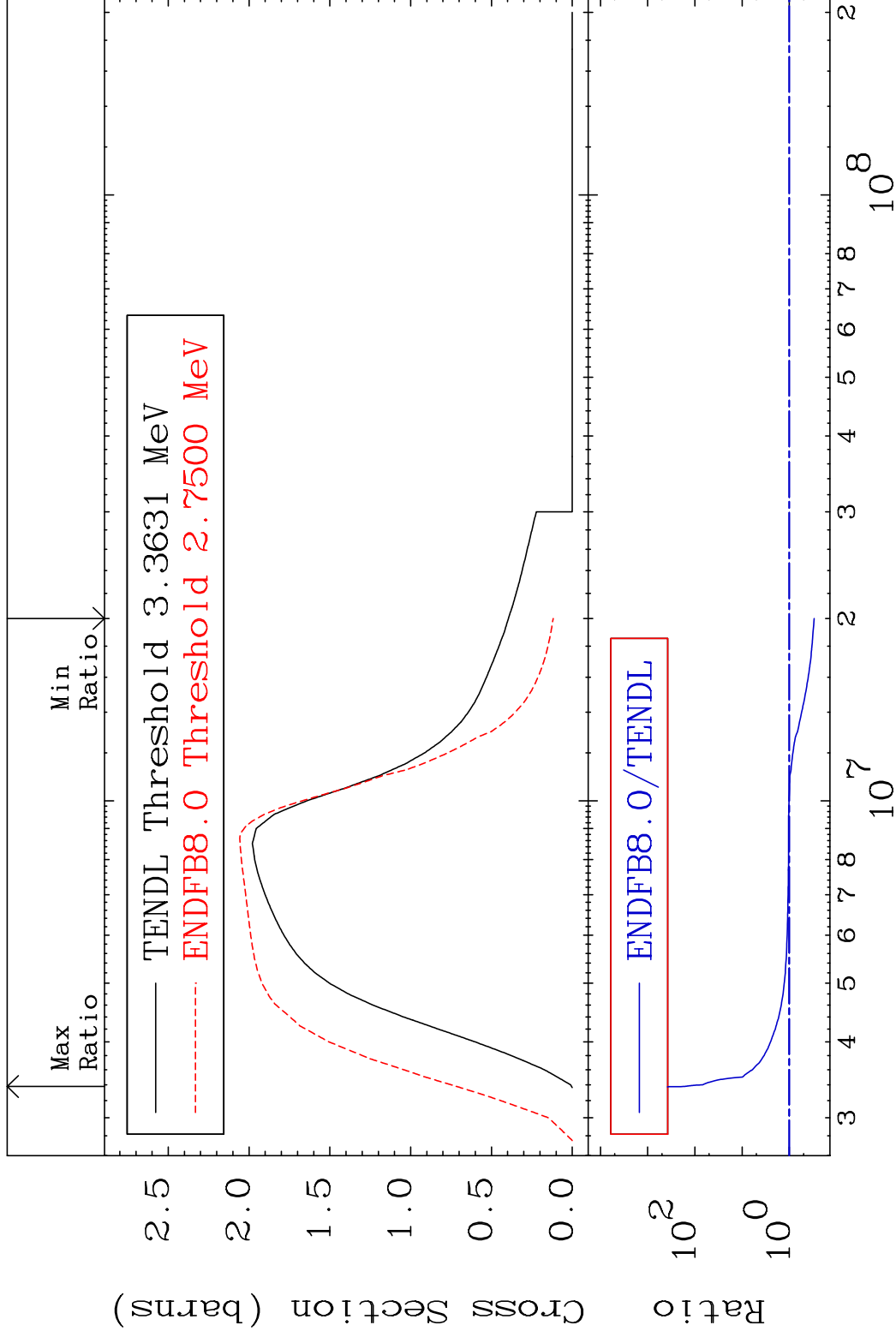
10 Incident Energy (eV) 56-Ba-138

MAT 5649

(n,n') Continuum

56-Ba-138

Cross Section -70.08 To 9999. %

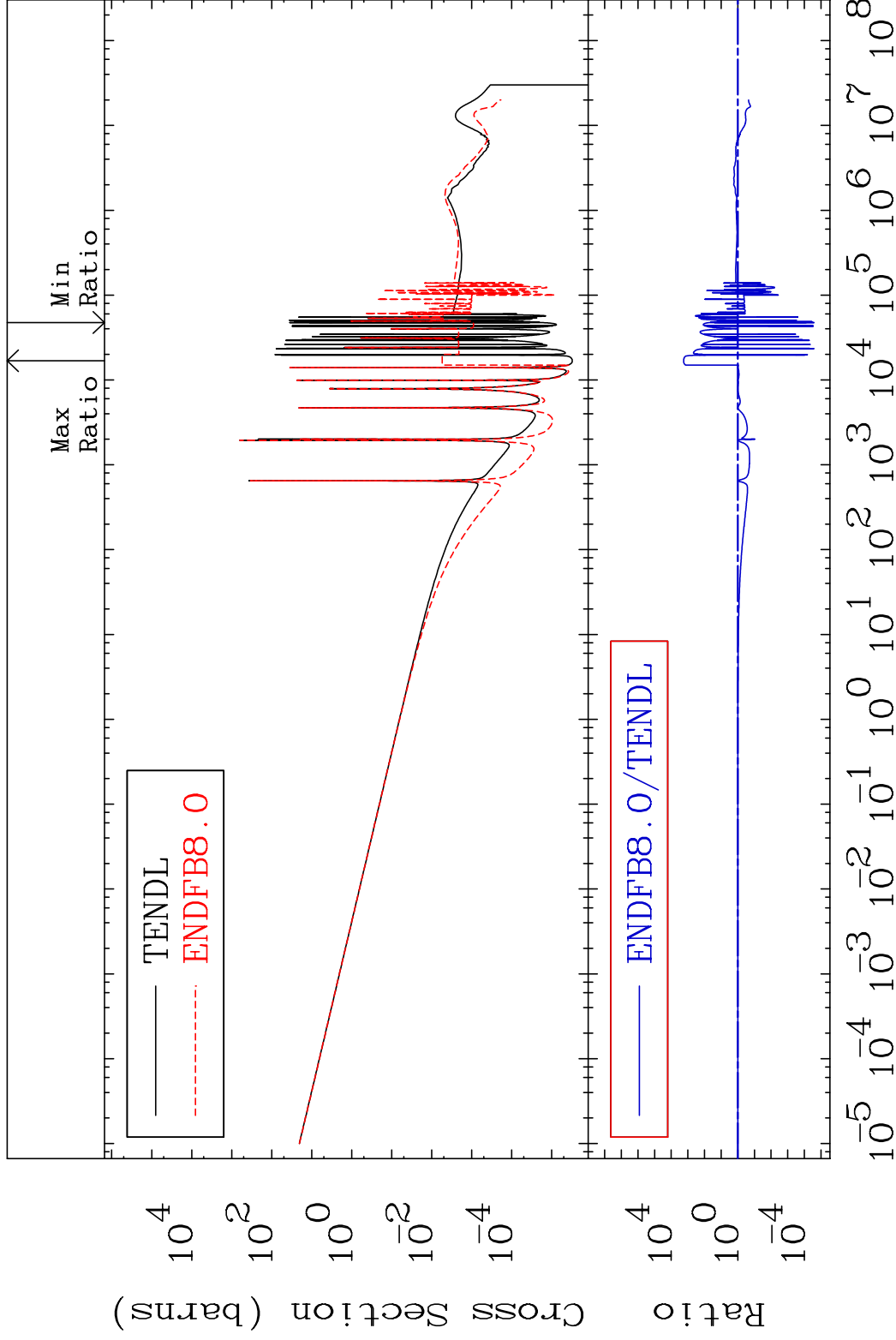


MAT 5649

(n, γ)

56-Ba-138

Cross Section -100.0 To 9999. %



12

Incident Energy (eV)

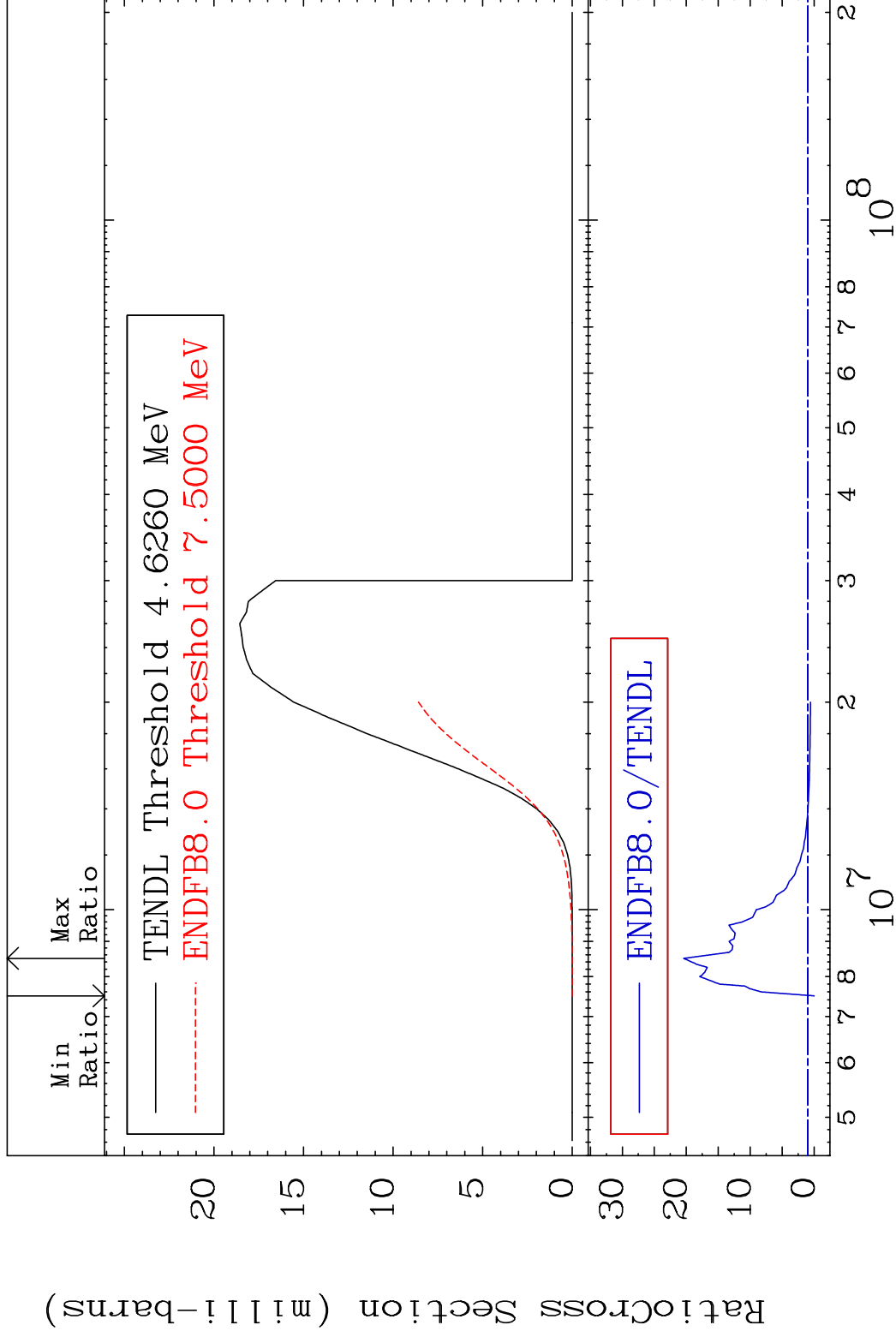
56-Ba-138

MAT 5649

(n,p)

56-Ba-138

Cross Section -100.0 To 1941. %

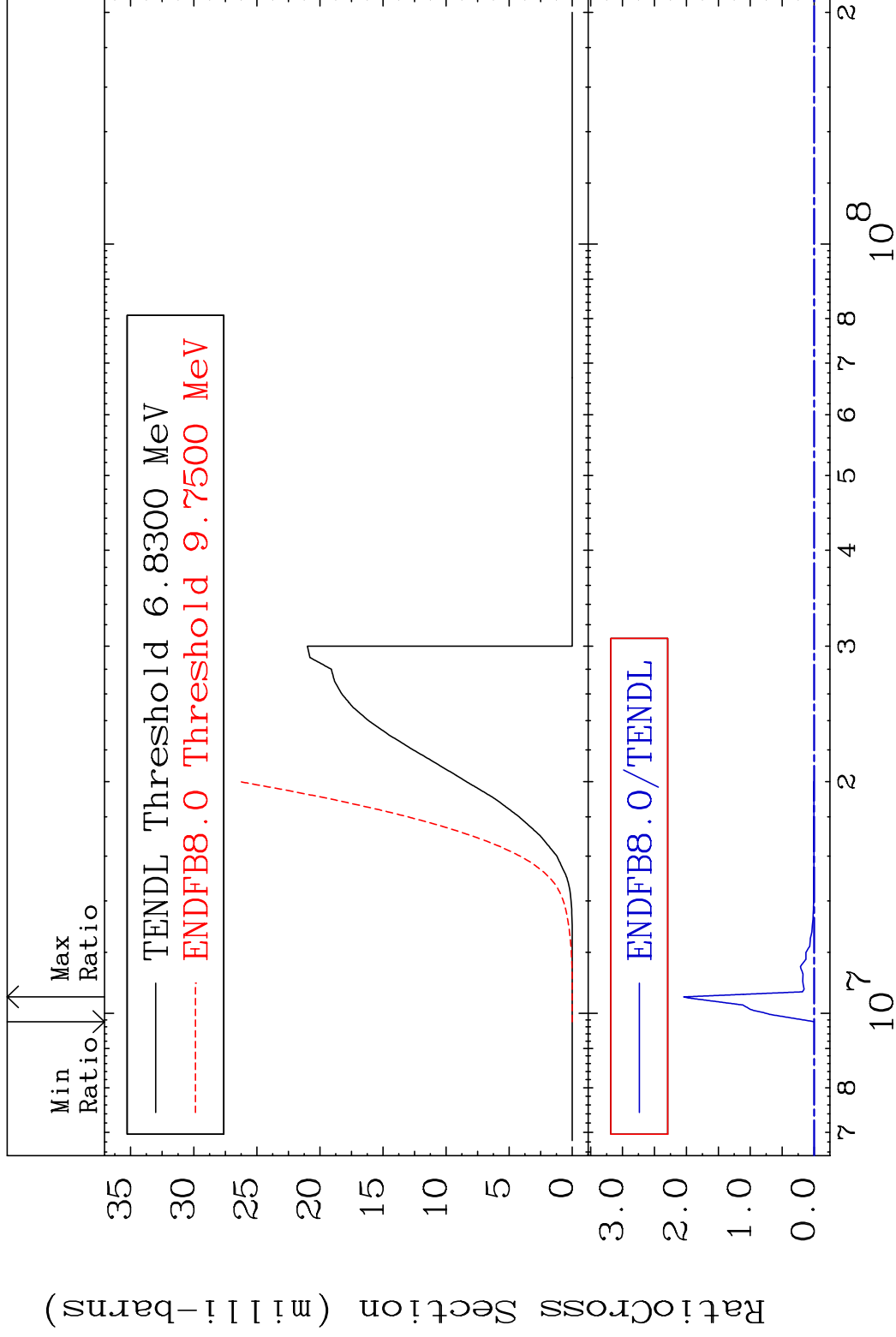


MAT 5649

(n,d)

56-Ba-138

Cross Section -100.0 To 9999. %

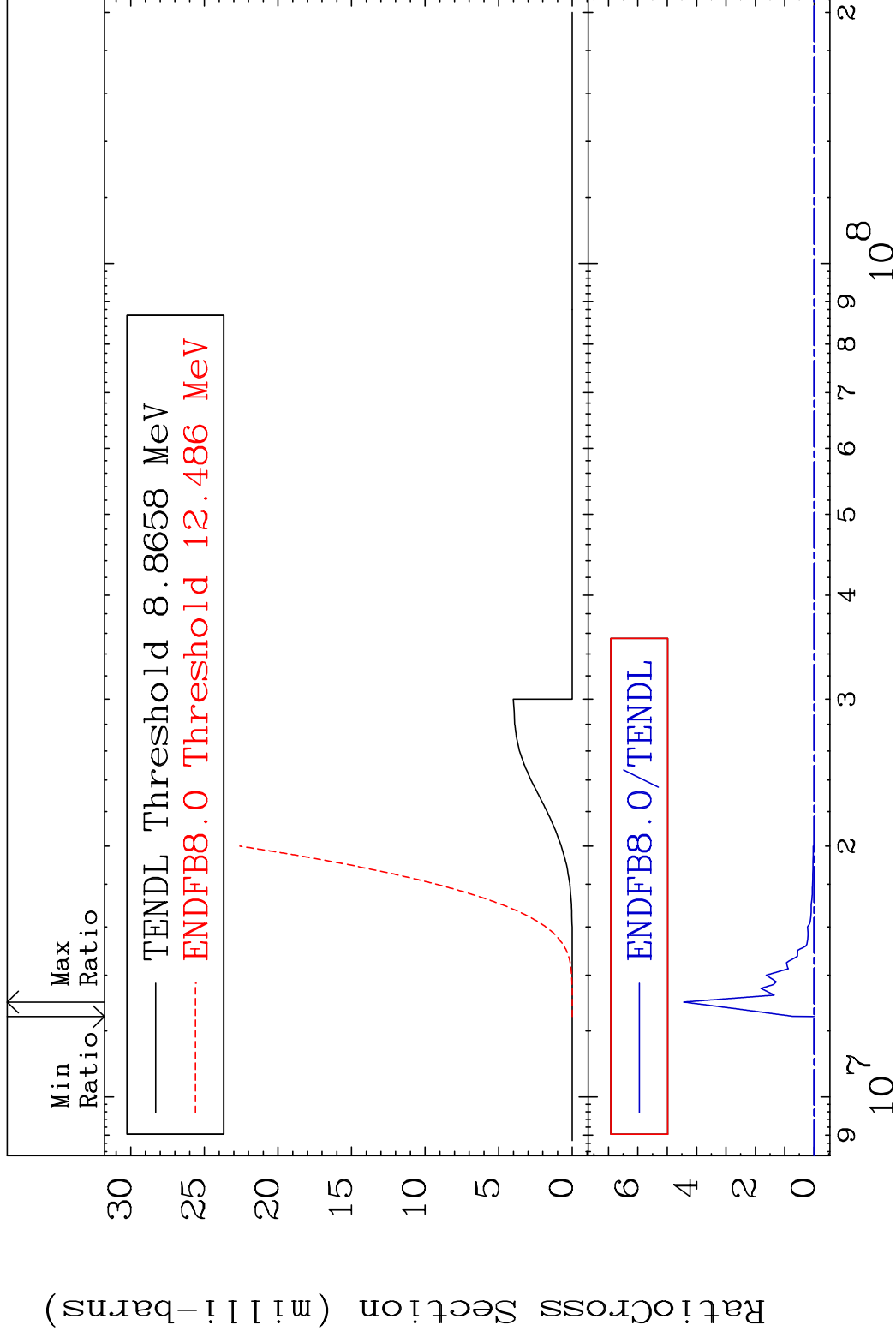


MAT 5649

(n, t)

56-Ba-138

Cross Section -100.0 To 9999. %



15

Incident Energy (eV)

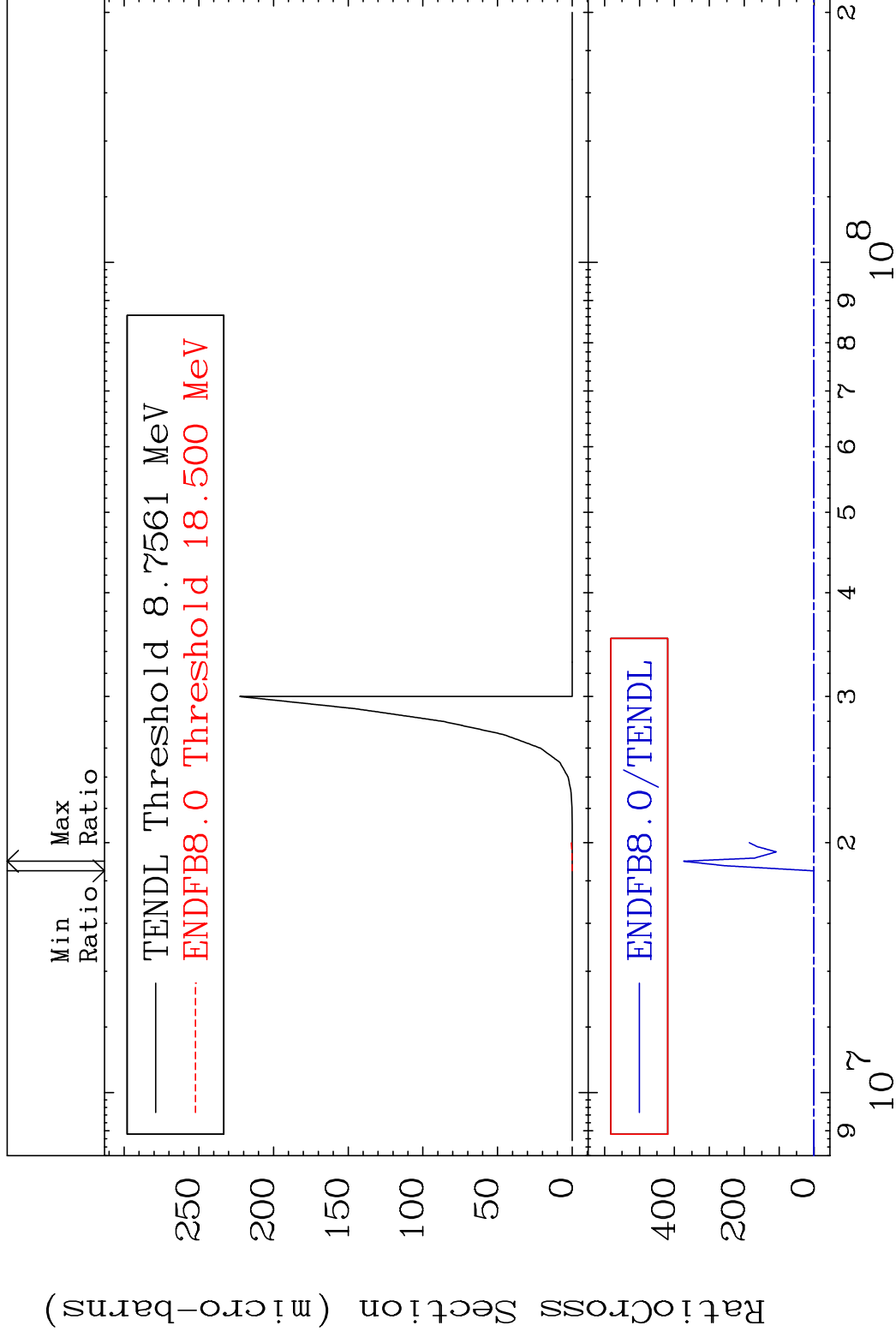
56-Ba-138

MAT 5649

(n, He-3)

56-Ba-138

Cross Section -100.0 To 9999. %



16

Incident Energy (eV)

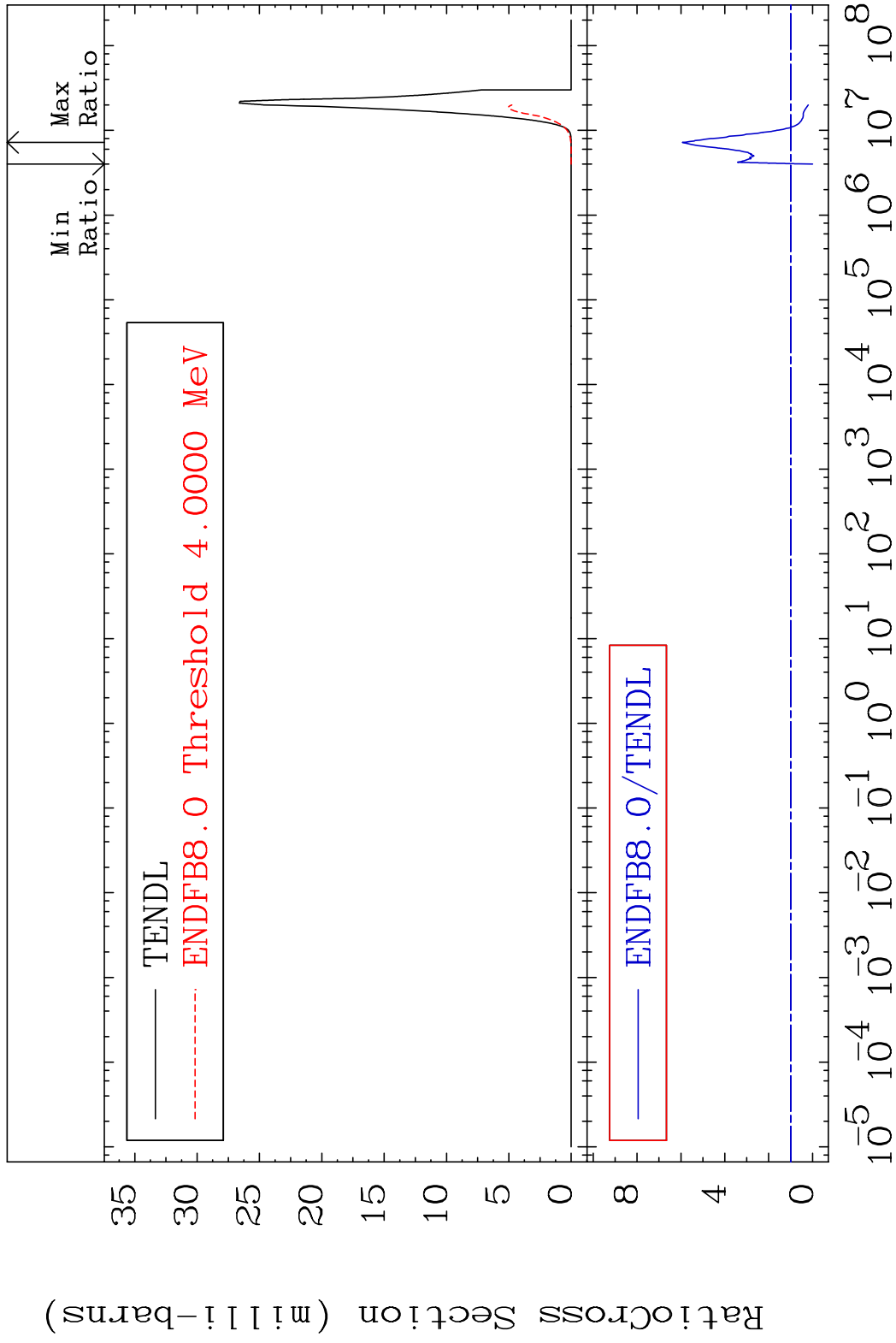
56-Ba-138

MAT 5649

(n, α)

56-Ba-138

Cross Section -100.0 To 493.6 %



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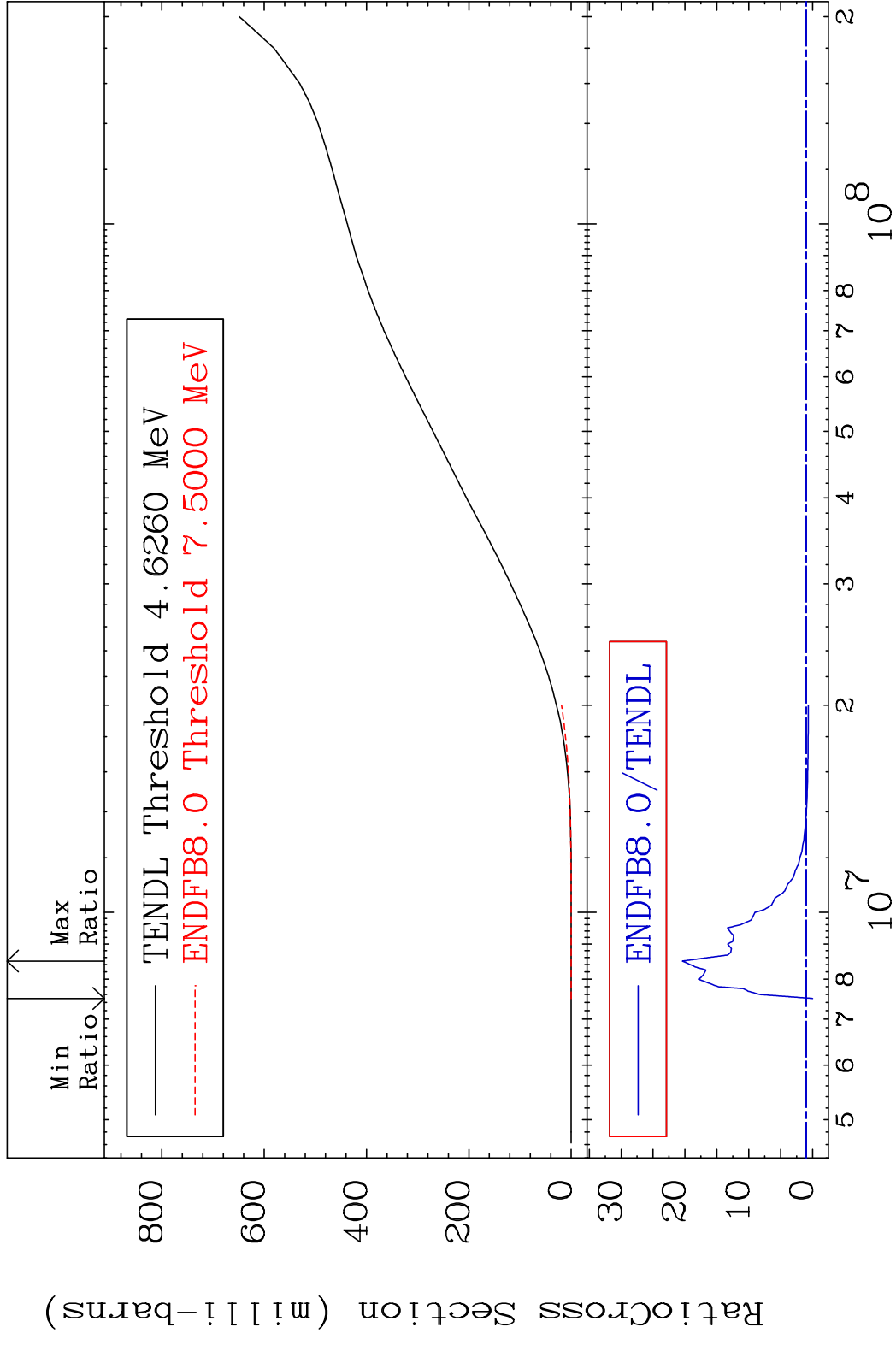
Incident Energy (eV)

56-Ba-138

MAT 5649

Hydrogen Production 56-Ba-138

Cross Section -100.0 To 1941. %

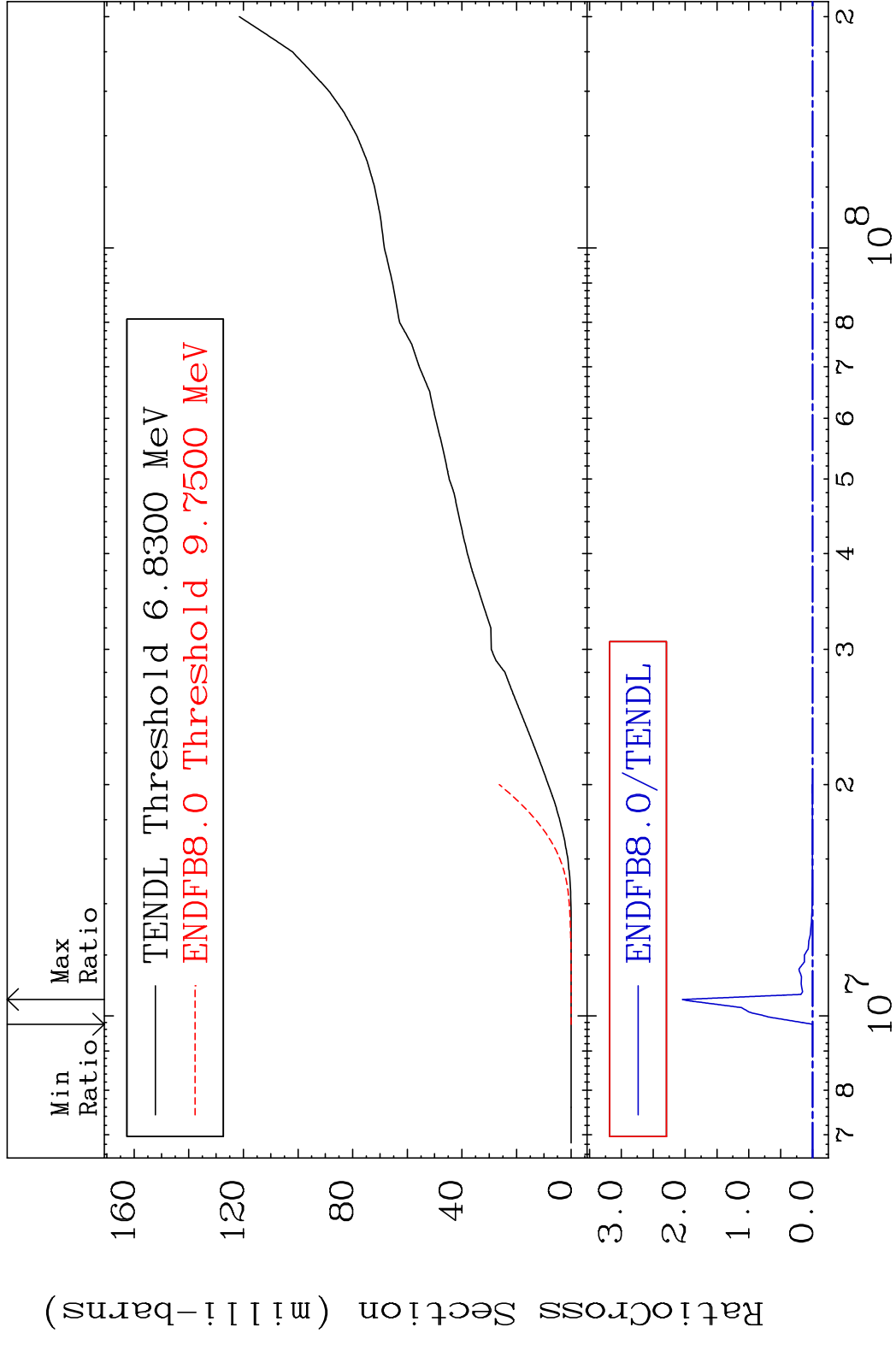


MAT 5649

Deuterium Production

56-Ba-138

Cross Section -100.0 To 9999. %



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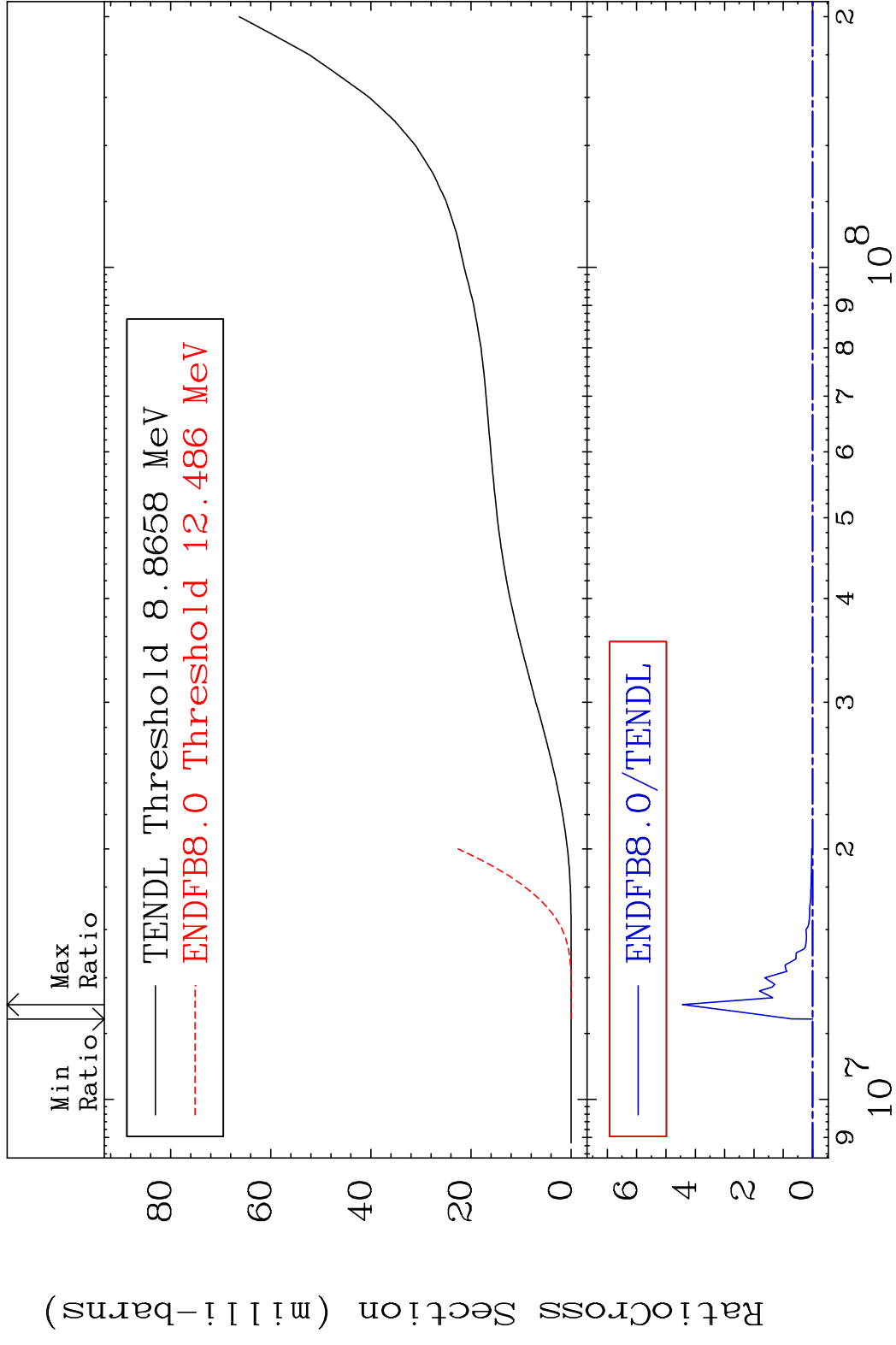
Incident Energy (eV)

56-Ba-138

MAT 5649

Tritium Production 56-Ba-138

Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

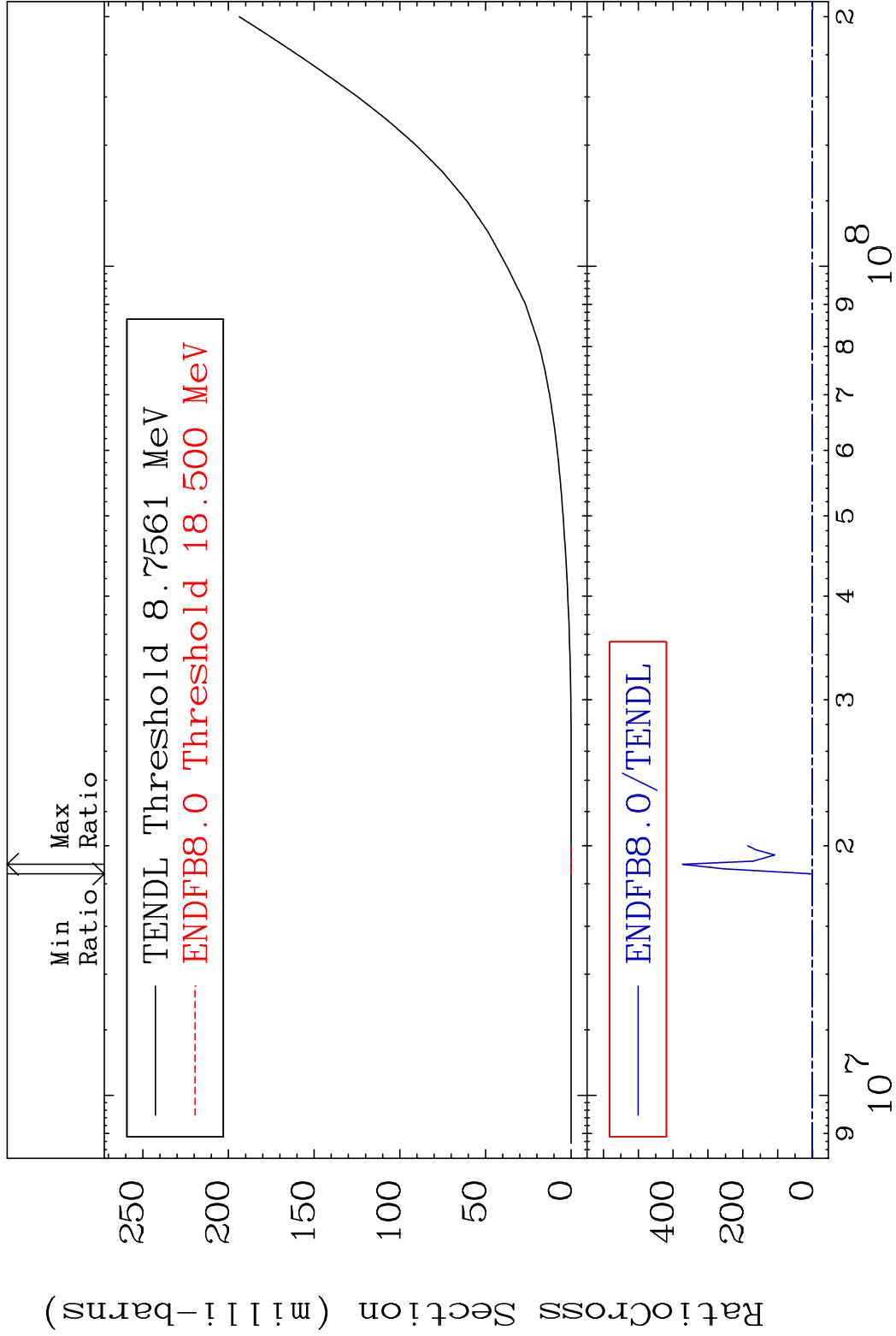
56-Ba-138

MAT 5649

He-3 Production

56-Ba-138

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

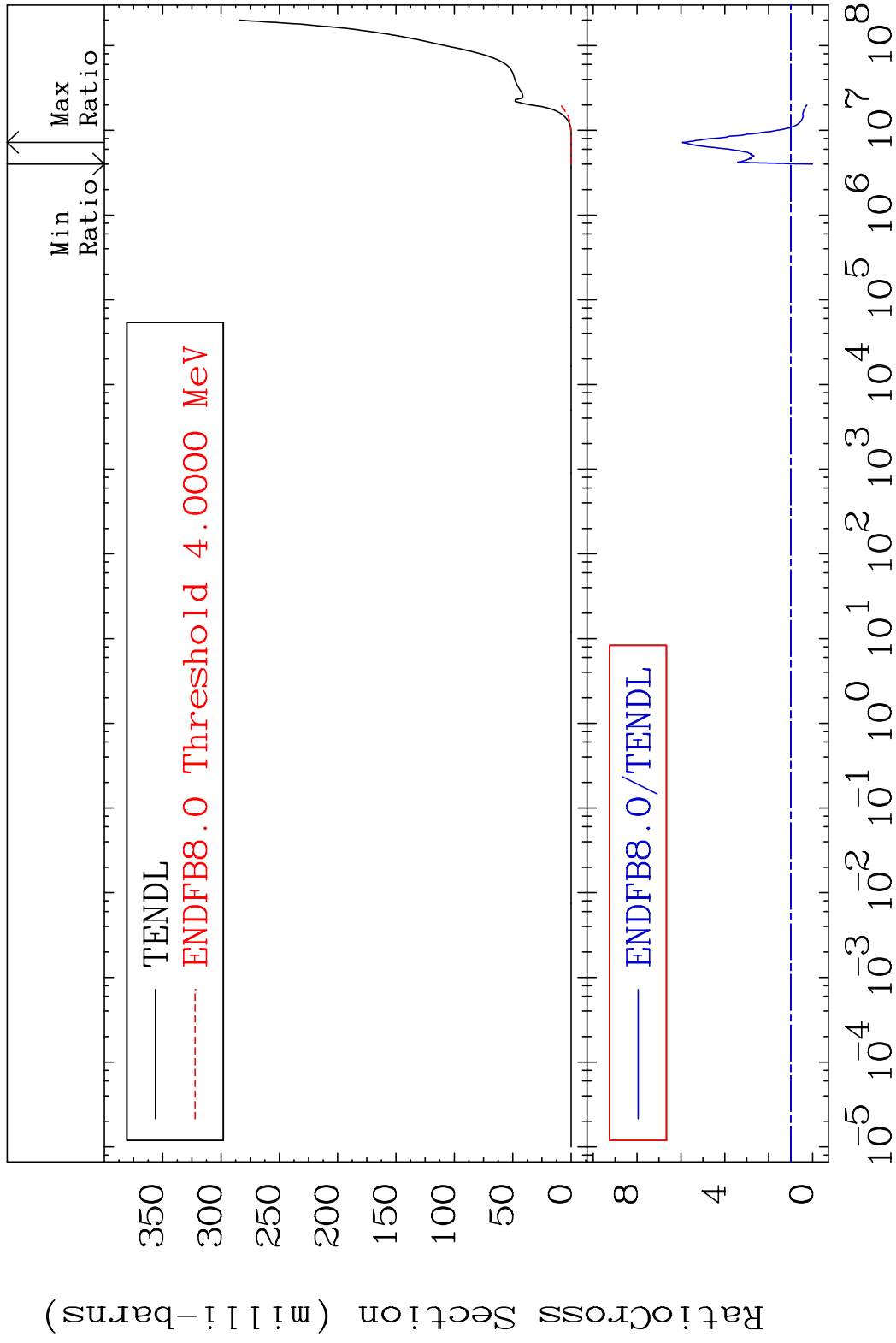
56-Ba-138

MAT 5649

He-4 Production

56-Ba-138

Cross Section -100.0 To 493.6 %

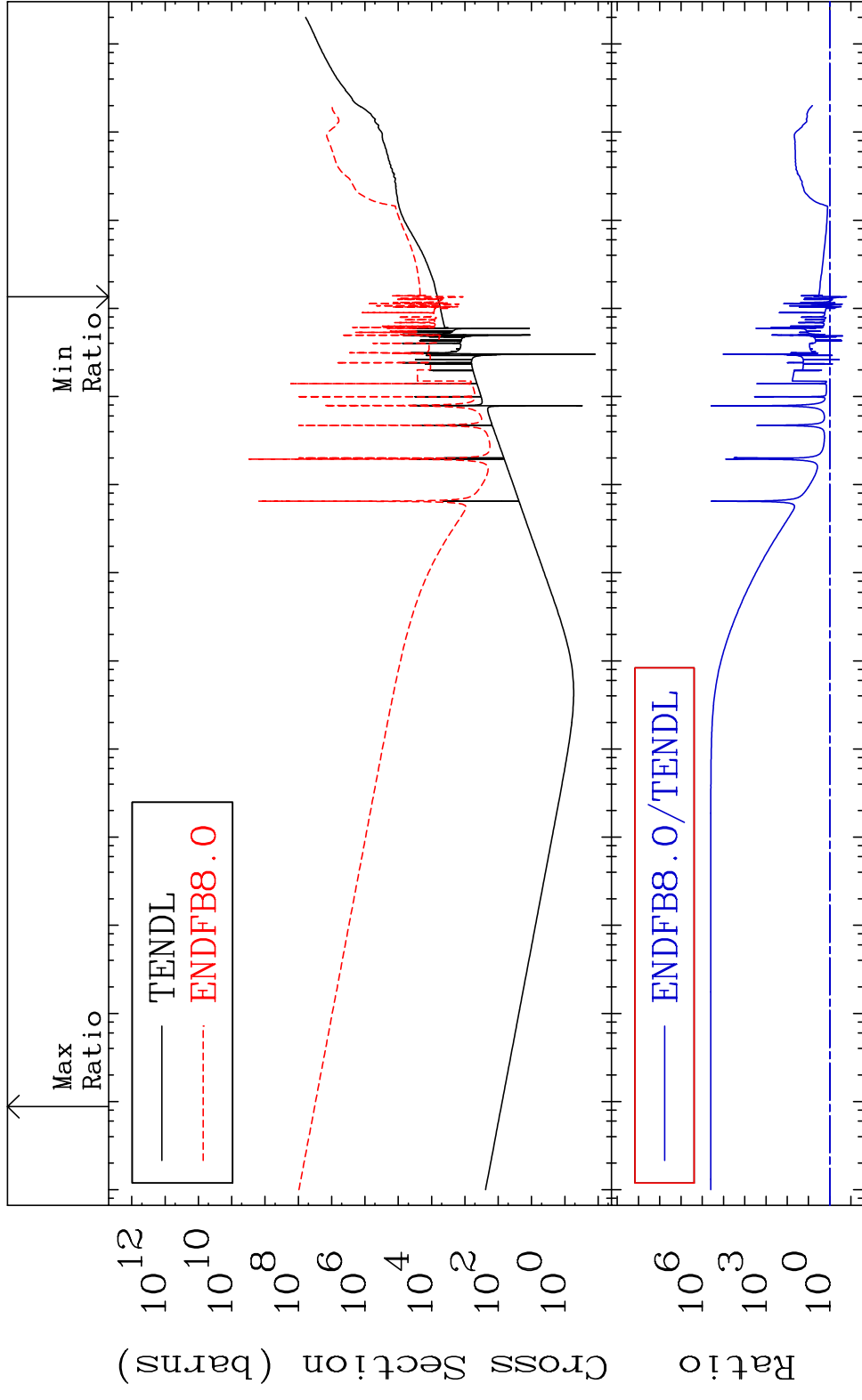


22

Incident Energy (eV)

56-Ba-138

MAT 5649 Kerma total (eV-barns) 56-Ba-138
 Cross Section -83.48 To 9999. %

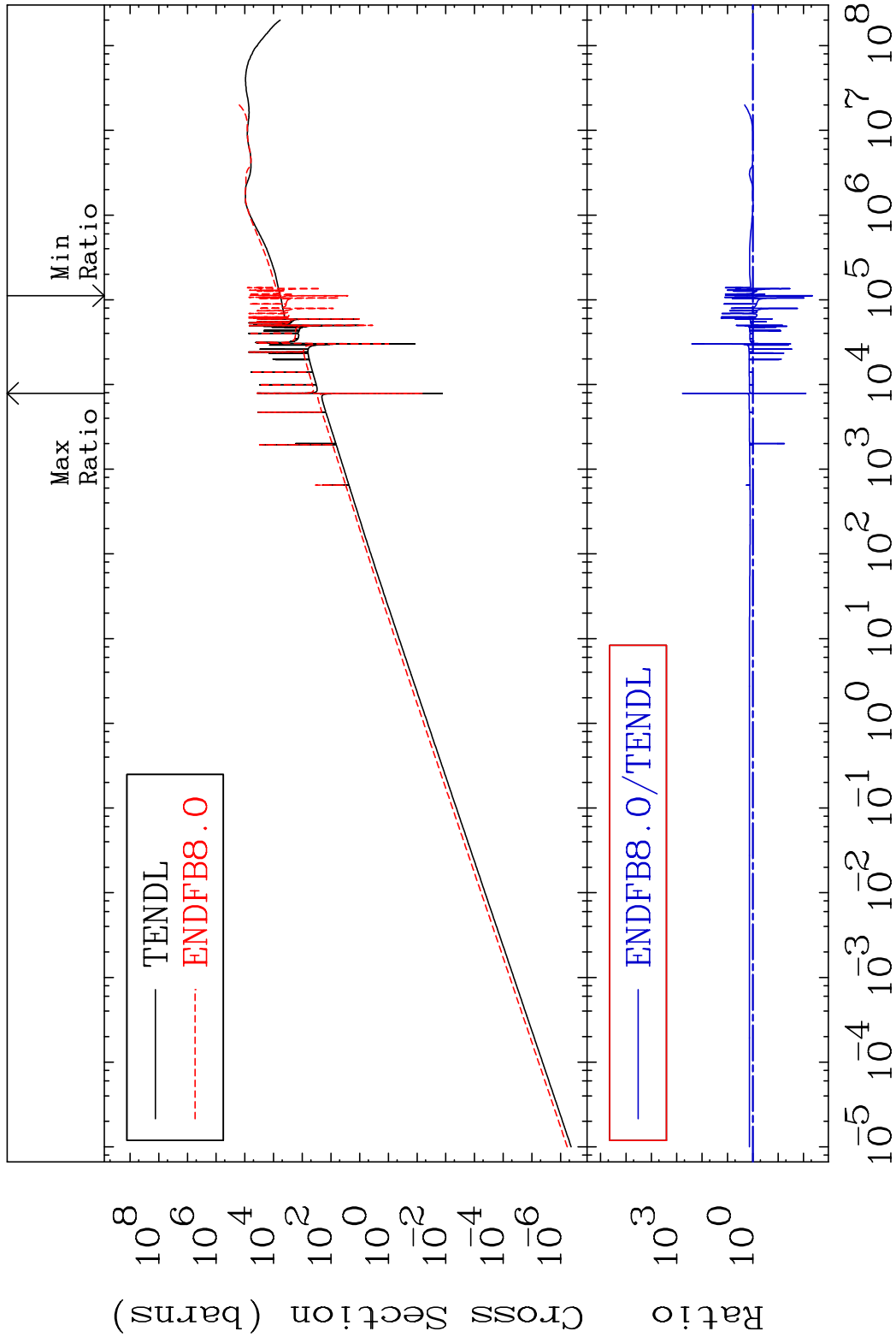


MAT 5649

Kerma elastic

56-Ba-138

Cross Section -99.56 To 9999. %

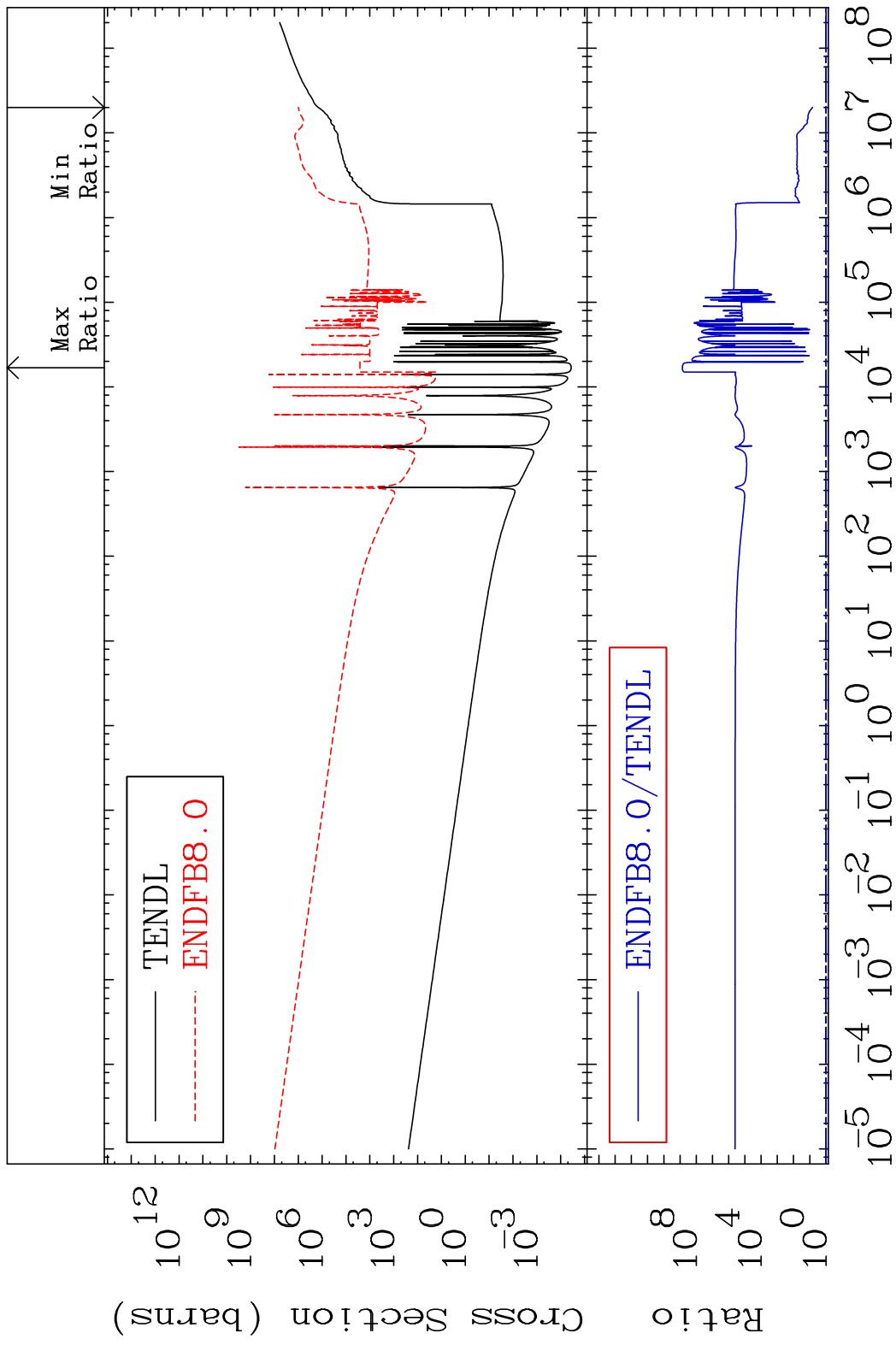


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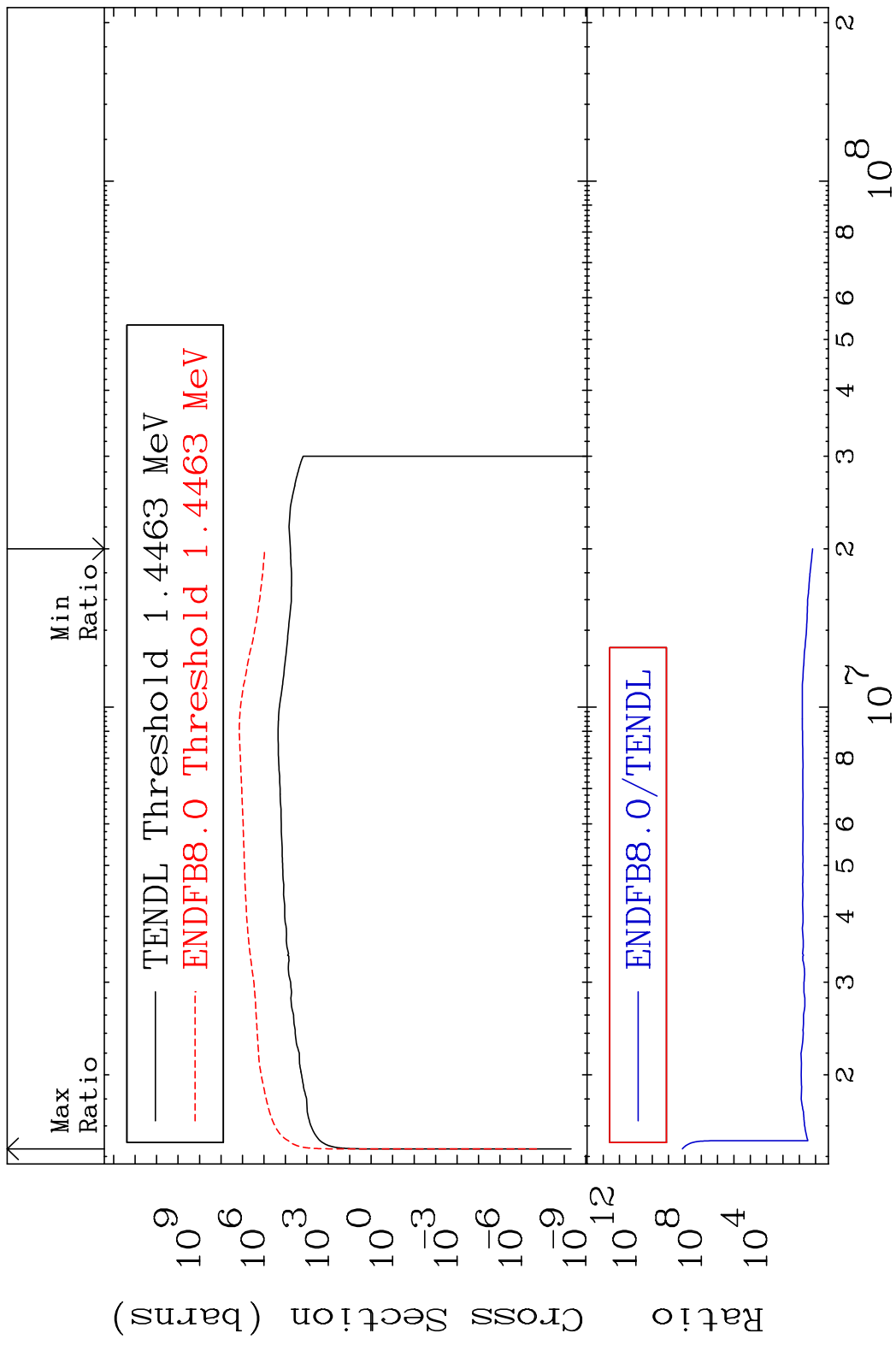
Incident Energy (eV)

56-Ba-138

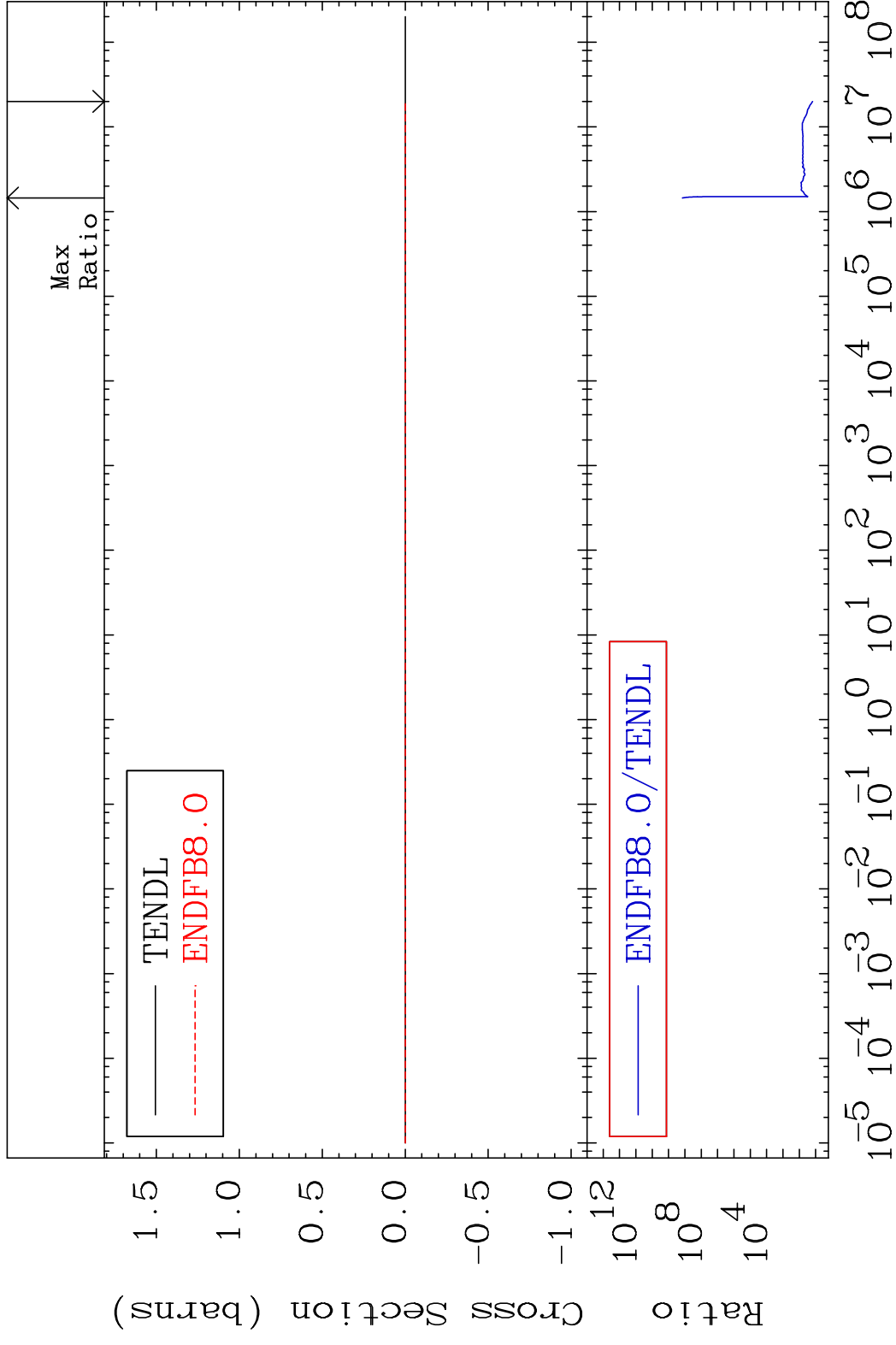
MAT 5649 Kerma non-elastic (all but mt2) 56-Ba-138
 Cross Section 573.4 To 9999. %



MAT 5649 Kerma inelastic (mt51-91) 56-Ba-138
 Cross Section 1445. To 9999. %

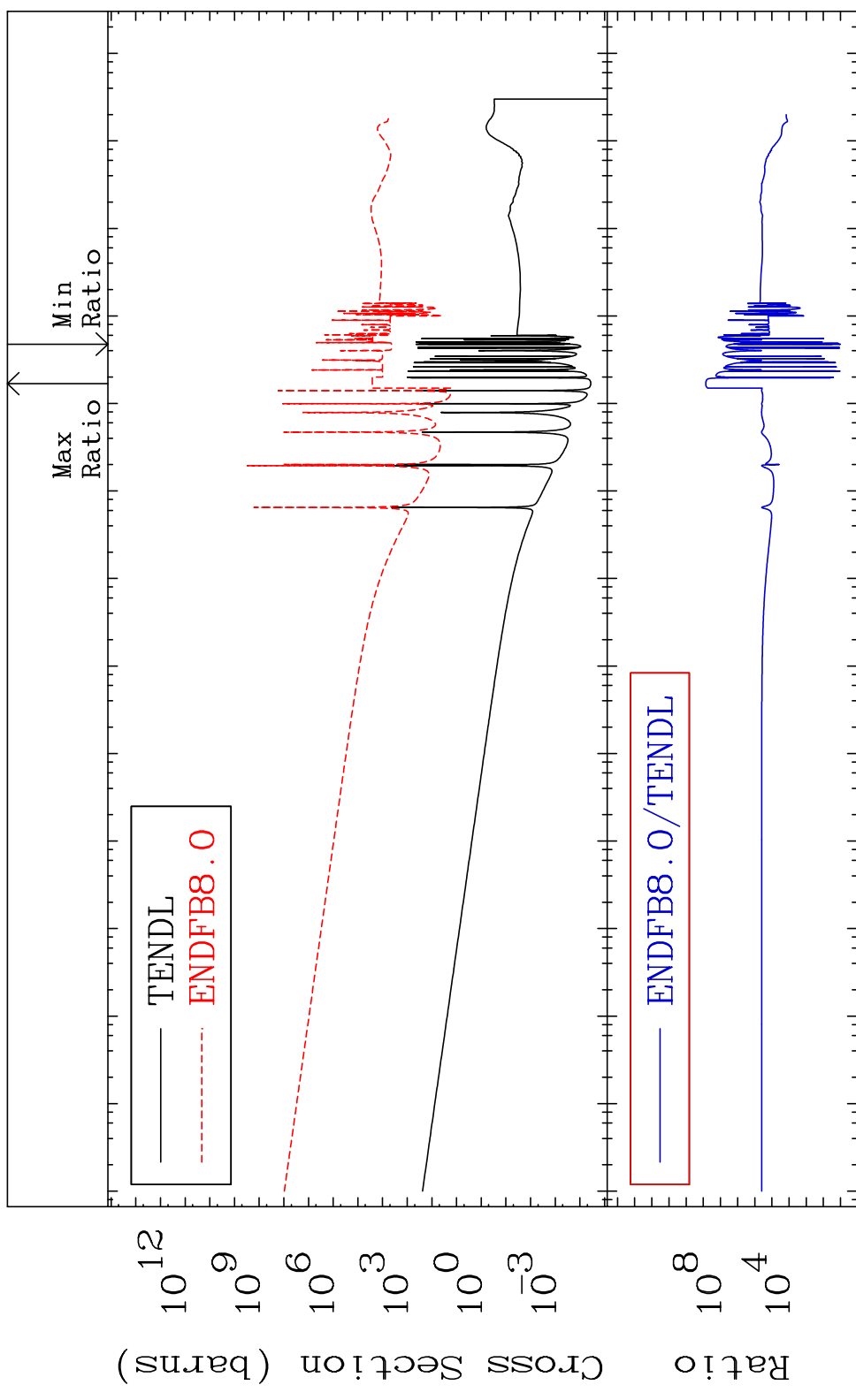


MAT 5649 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-138
 Cross Section 1445. To 9999. %

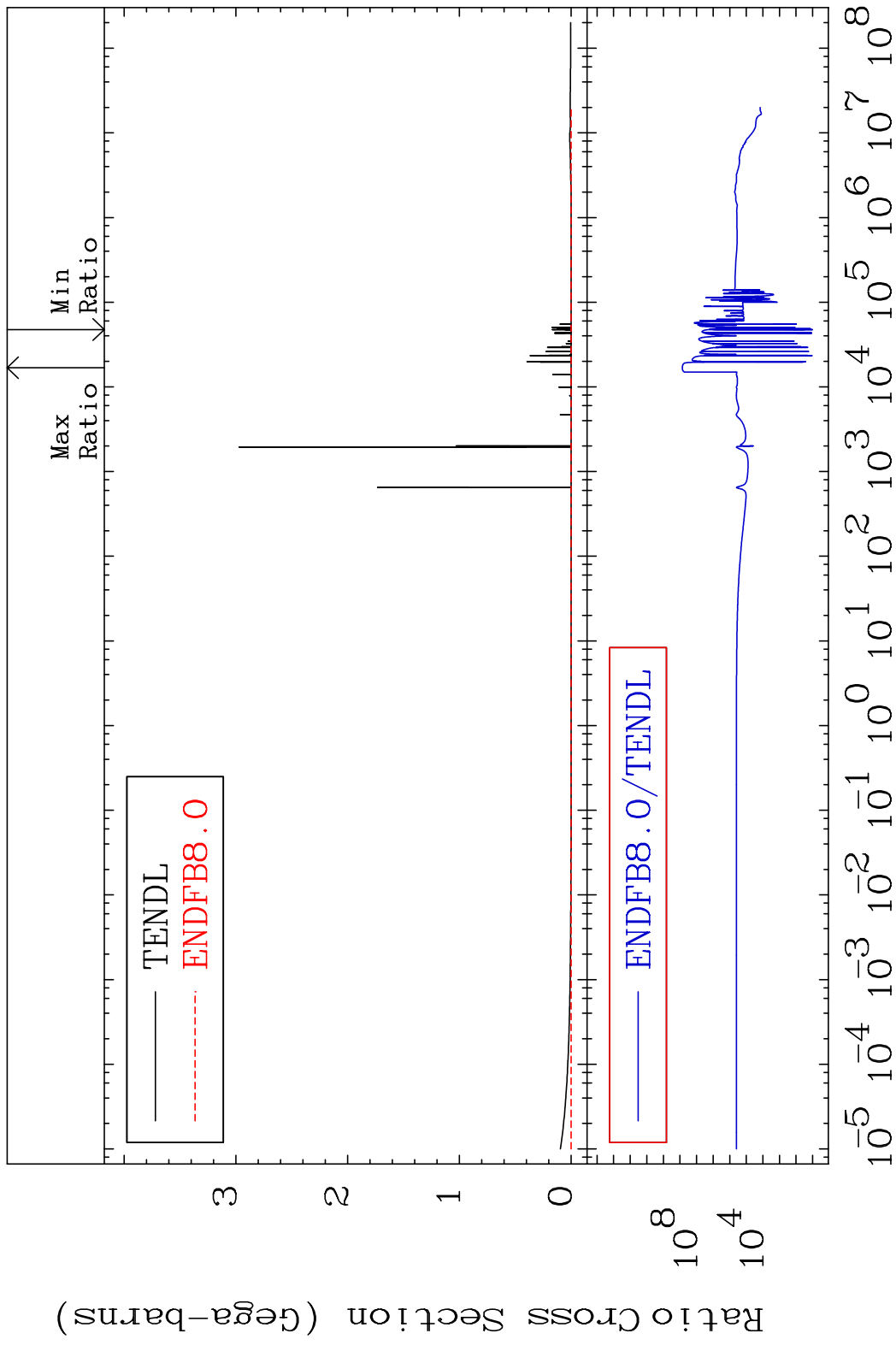


MAT 5649

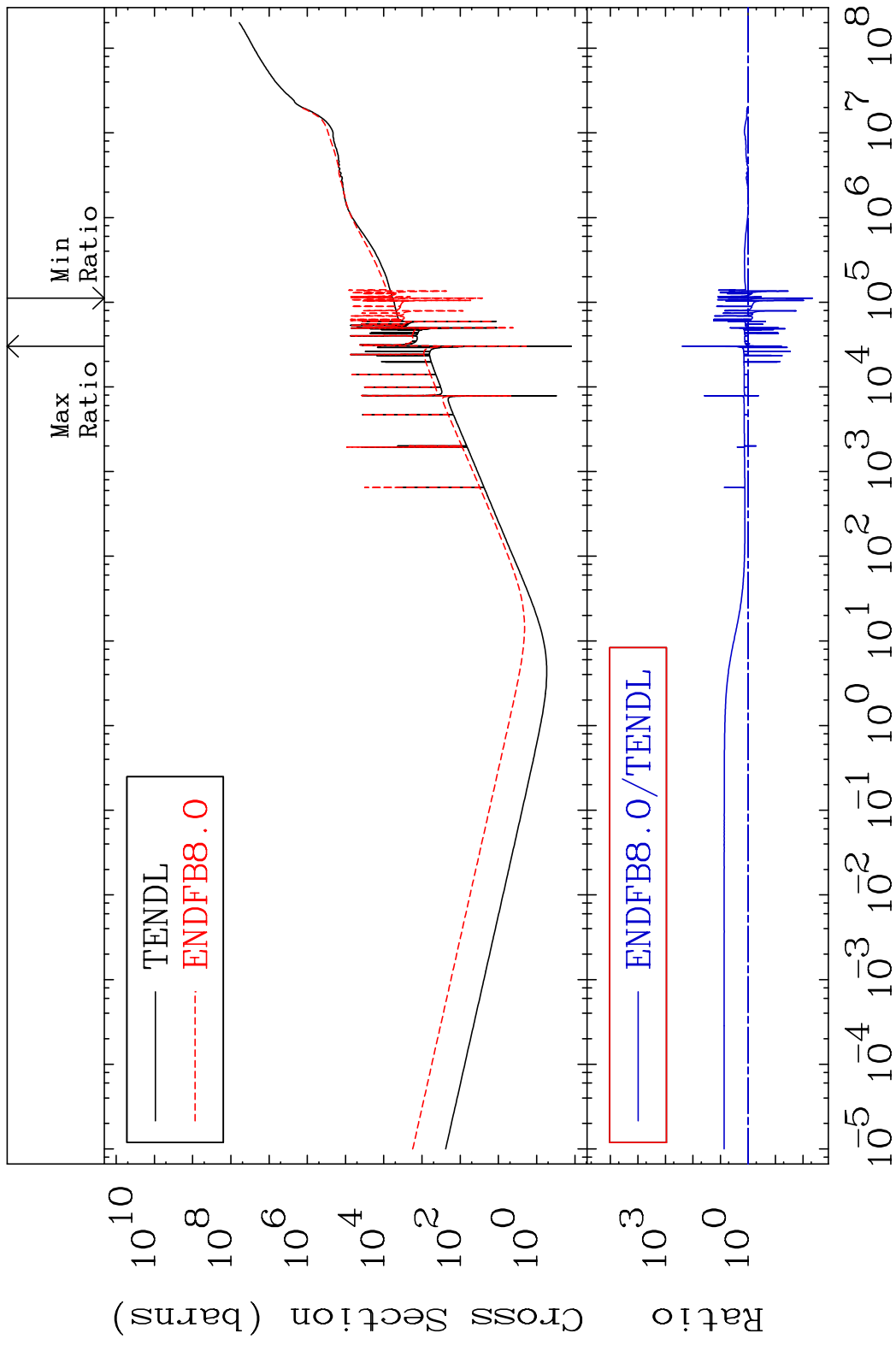
Kerma capture (mt102) 56-Ba-138
Cross Section 913.5 To 9999. %



MAT 5649 Total photon (eV-barns) 56-Ba-138
 Cross Section 913.5 To 9999. %



MAT 5649 Total kinematic kerma (high limit) 56-Ba-138
 Cross Section -99.55 To 9999. %

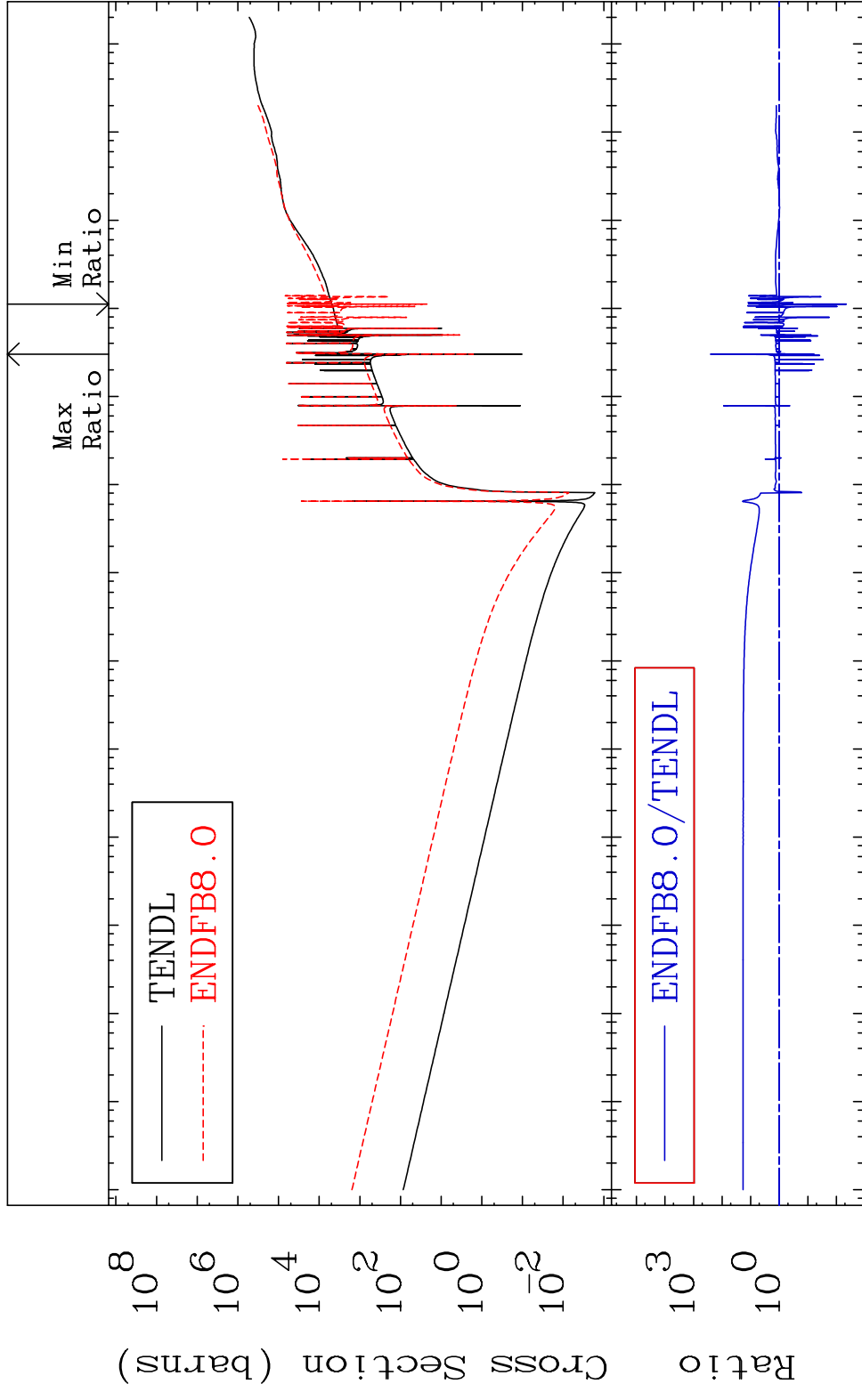


MAT 5649

Dpa total (eV-barns)

56-Ba-138

Cross Section -99.55 To 9999. %



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Incident Energy (eV)

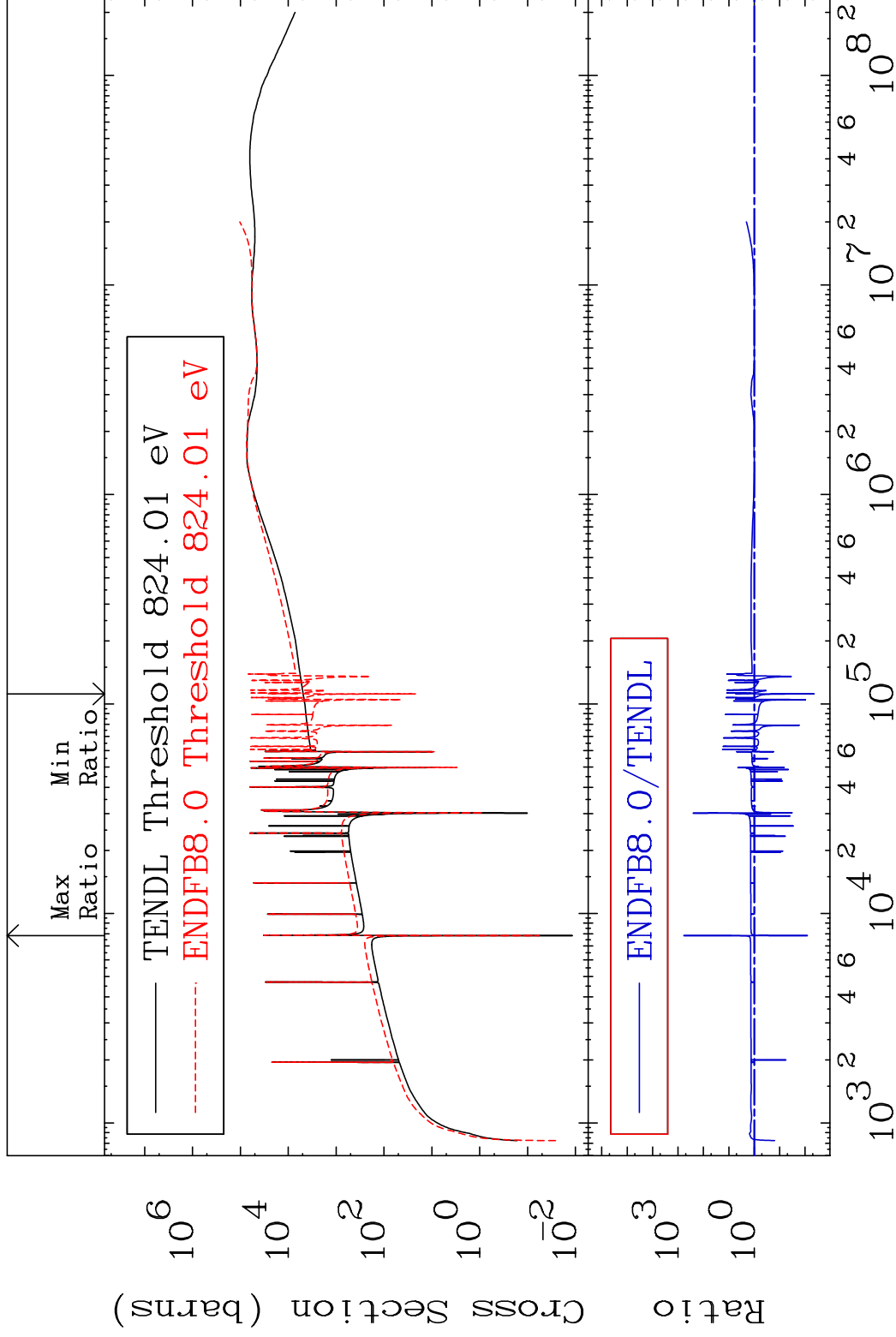
56-Ba-138

MAT 5649

Dpa elastic (mt2)

56-Ba-138

Cross Section -99.56 To 9999. %

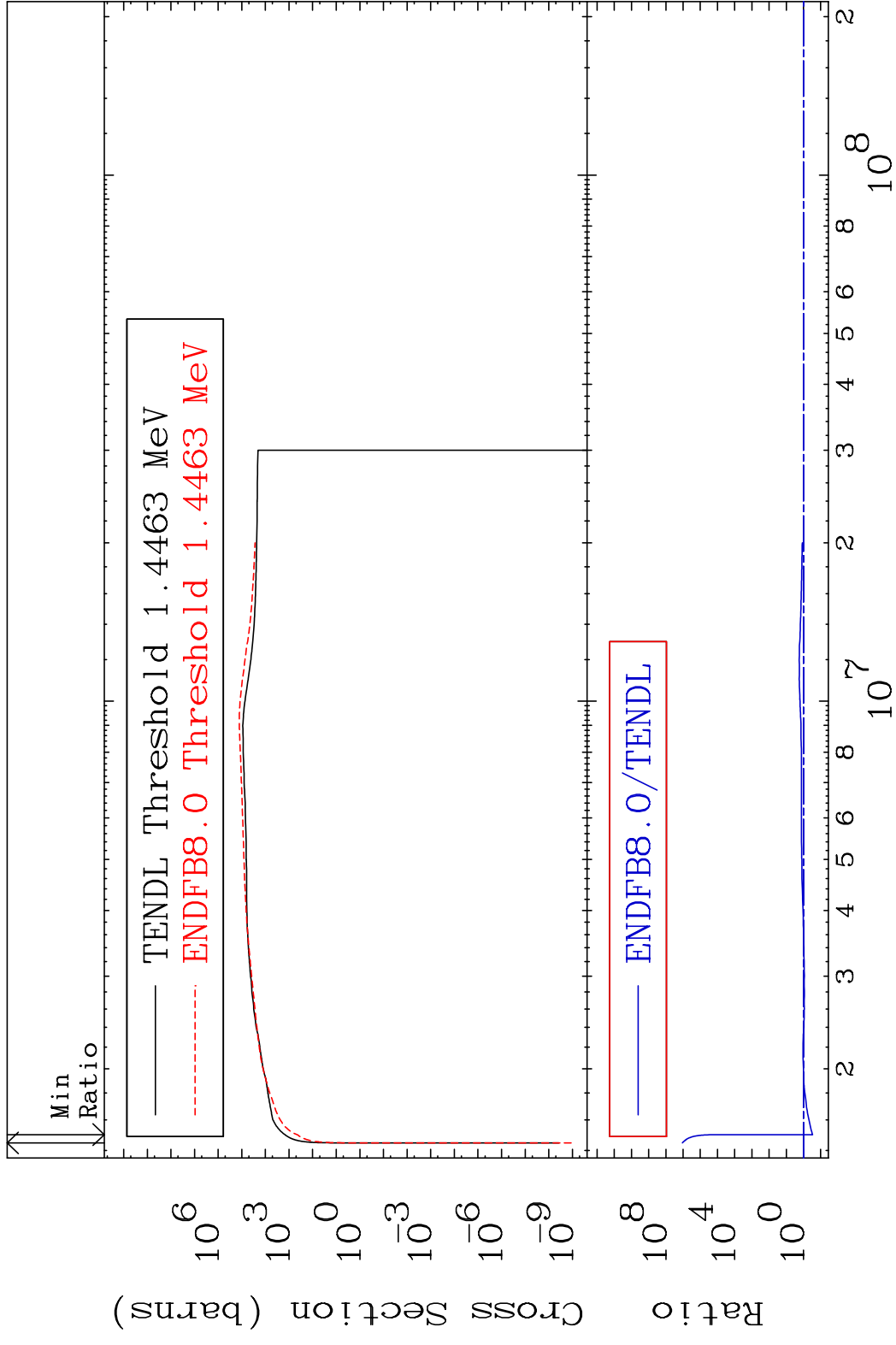


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Incident Energy (eV)

56-Ba-138

MAT 5649 Dpa inelastic (mt51-91) 56-Ba-138
 Cross Section -70.27 To 9999. %



MAT 5649 Dpa disappearance (mt102 -120) 56-Ba-138
 Cross Section -99.85 To 9999. %

