

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

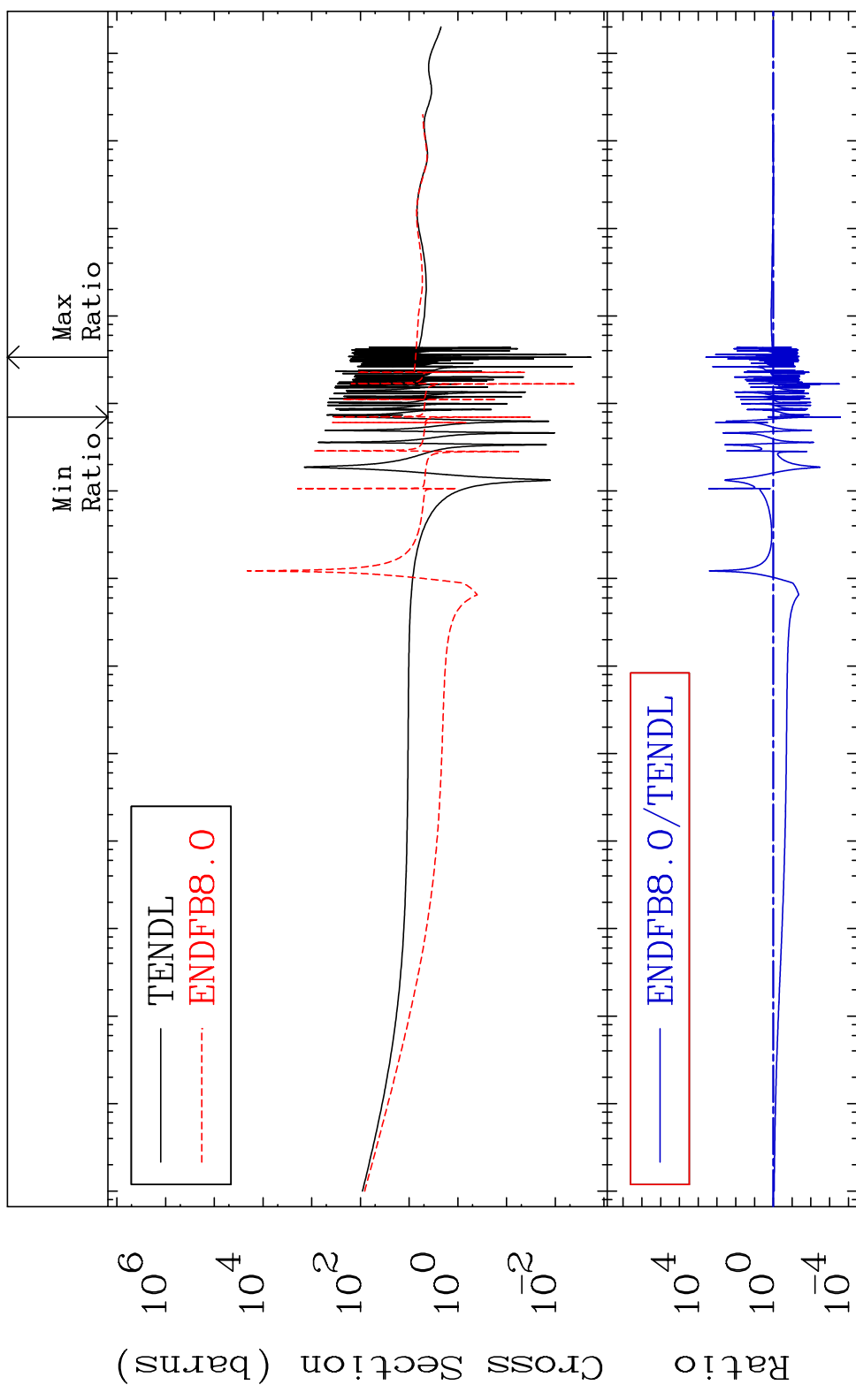
MAT 5655

Total

56-Ba-140

Cross Section

-99.97 To 9999. %



10^6

10^4

10^2

10^0

10^{-2}

10^4

10^0

10^{-4}

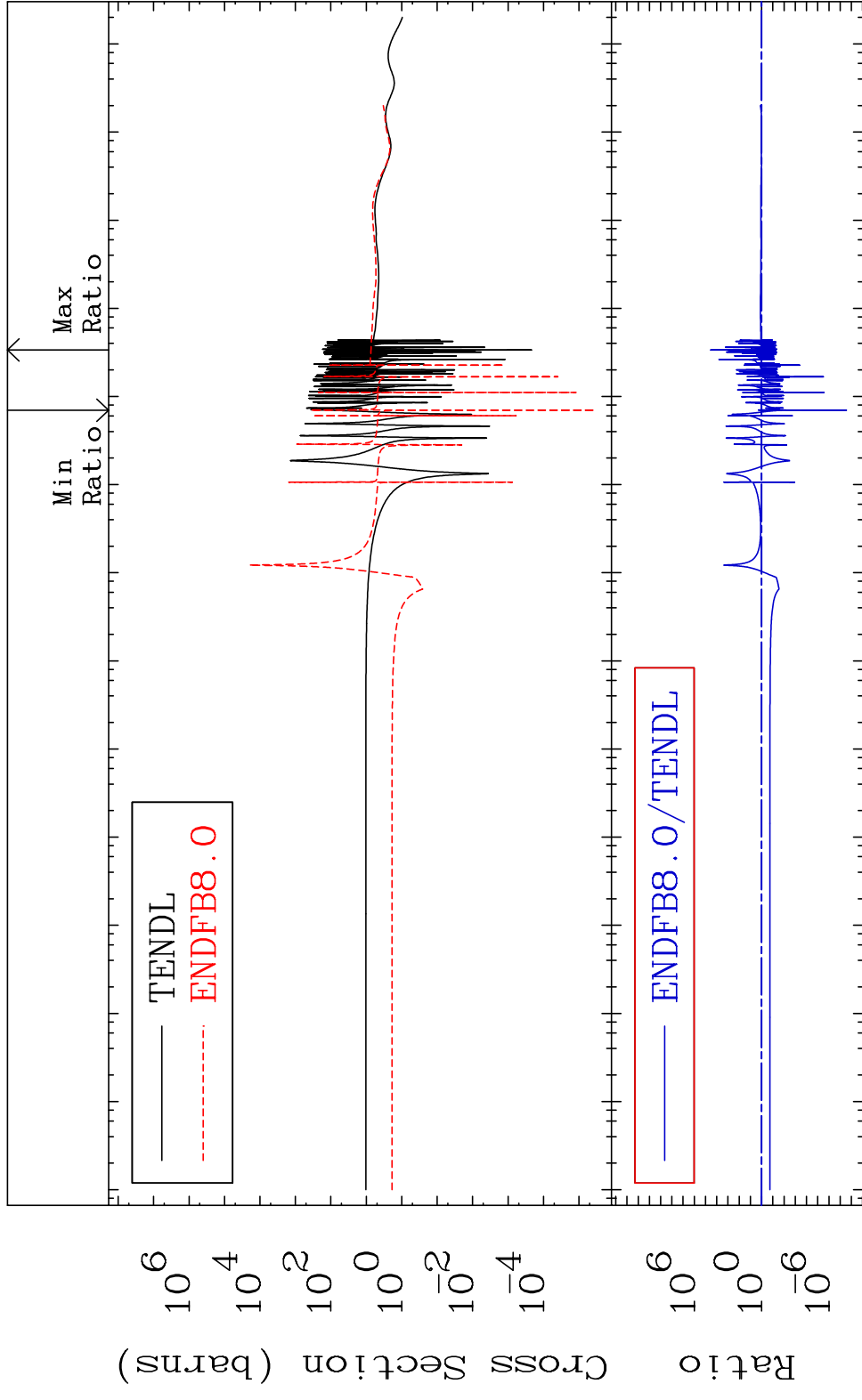
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

1

Incident Energy (eV)

56-Ba-140

MAT 5655 Elastic 56-Ba-140
 Cross Section -100.0 To 9999. %



Ratio
 10^6
 10^0
 10^{-6}

Incident Energy (eV) 56-Ba-140

10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3 10^4 10^5 10^6 10^7 10^8

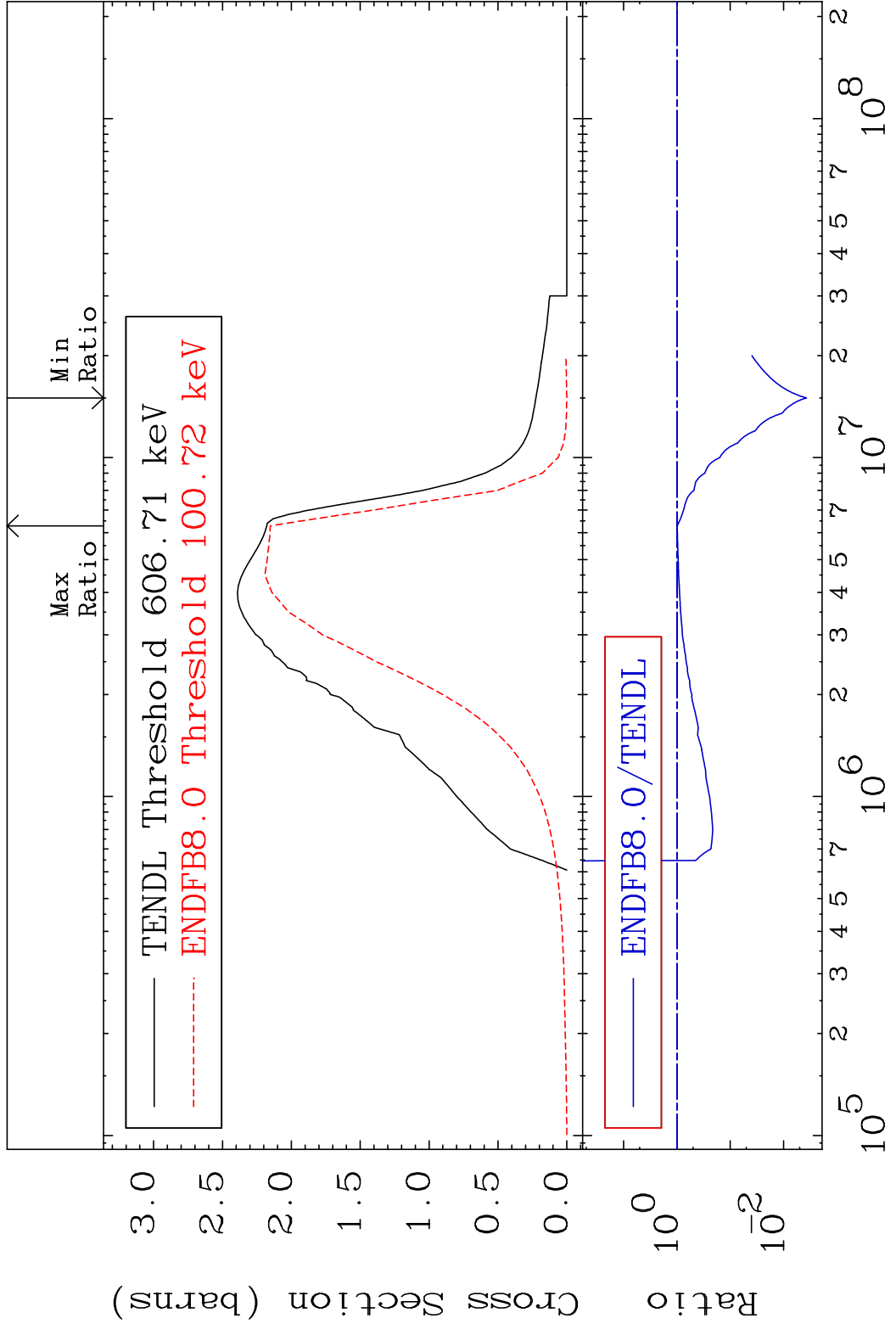
MAT 5655

Inelastic

56-Ba-140

Cross Section

-99.63 To -1.186%



3

Incident Energy (eV)

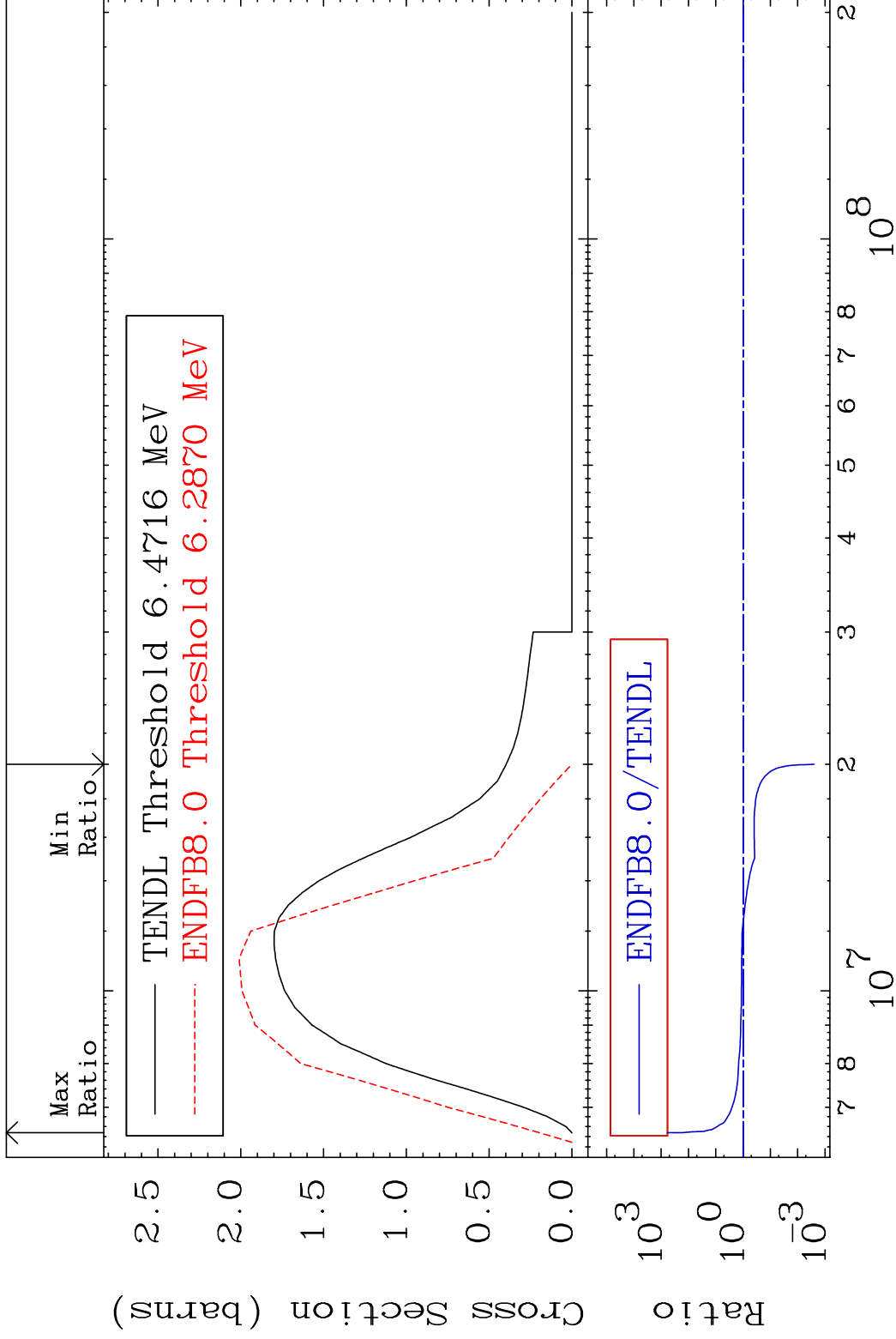
56-Ba-140

MAT 5655

(n,2n)

56-Ba-140

Cross Section -99.75 To 9999. %



4

Incident Energy (eV)

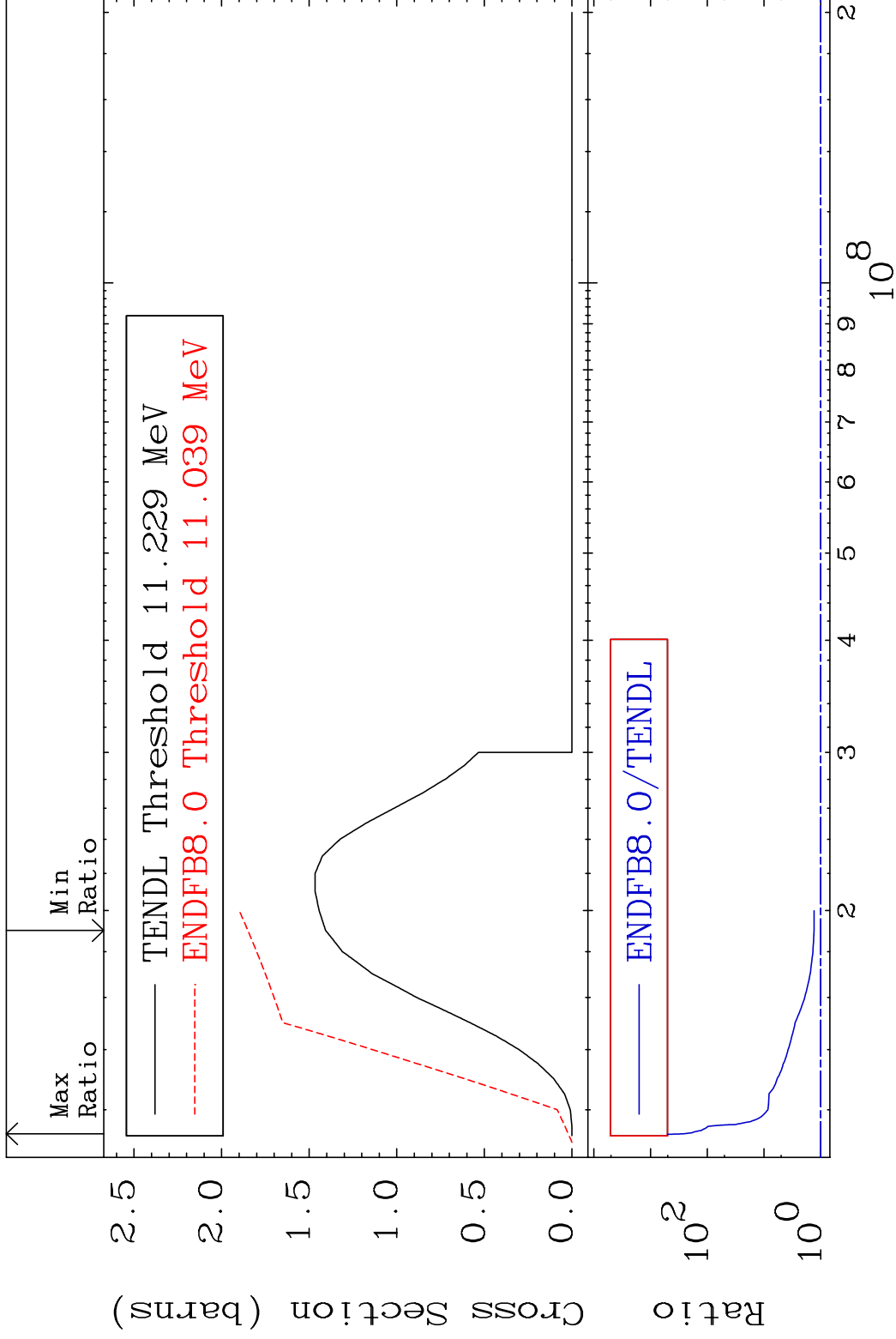
56-Ba-140

MAT 5655

(n,3n)

56-Ba-140

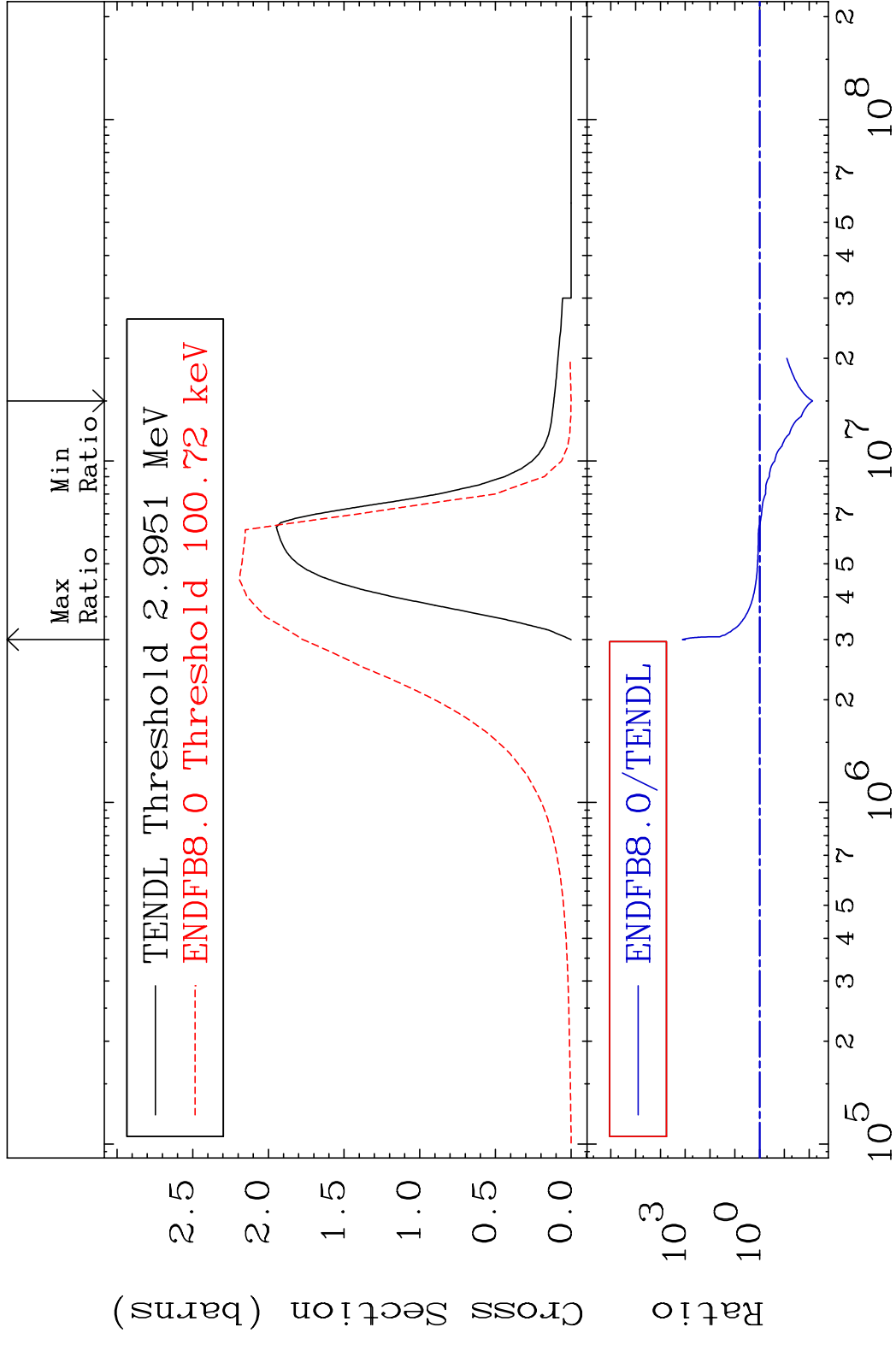
Cross Section 31.55 To 9999. %



5

Incident Energy (eV)

56-Ba-140

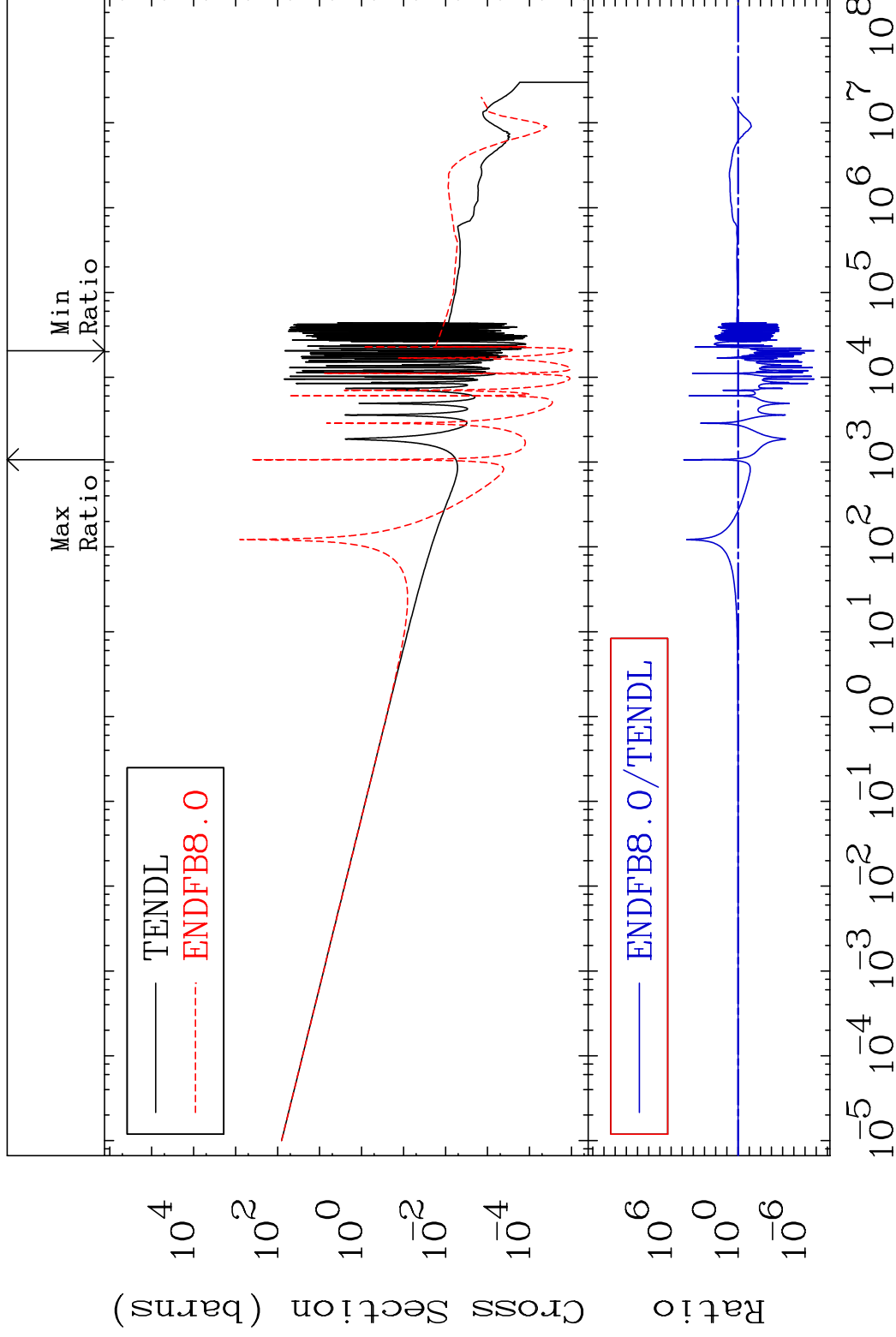


MAT 5655

(n, γ)

56-Ba-140

Cross Section -100.0 To 9999. %



7

Incident Energy (eV)

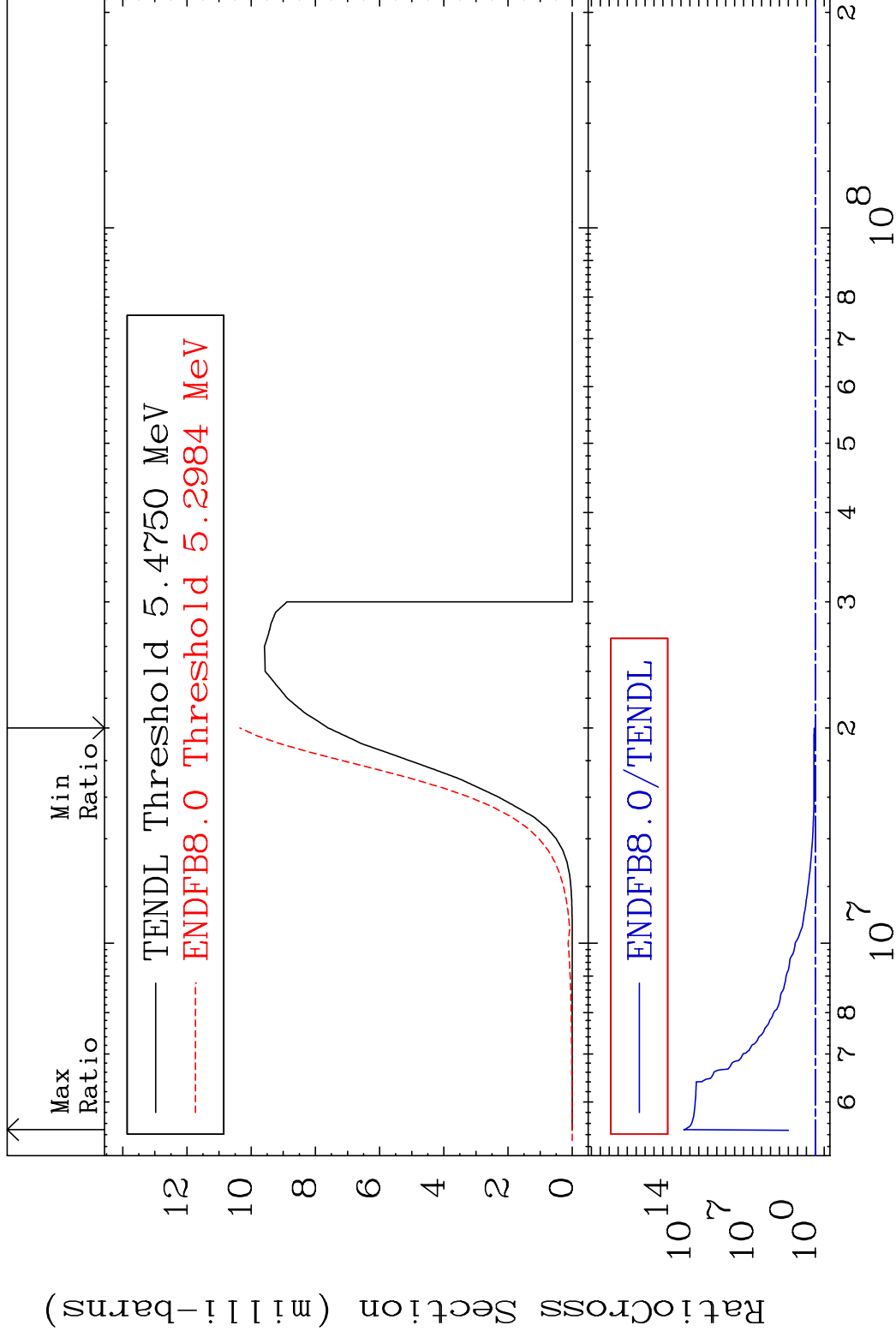
56-Ba-140

MAT 5655

(n,p)

56-Ba-140

Cross Section 36.14 To 9999. %

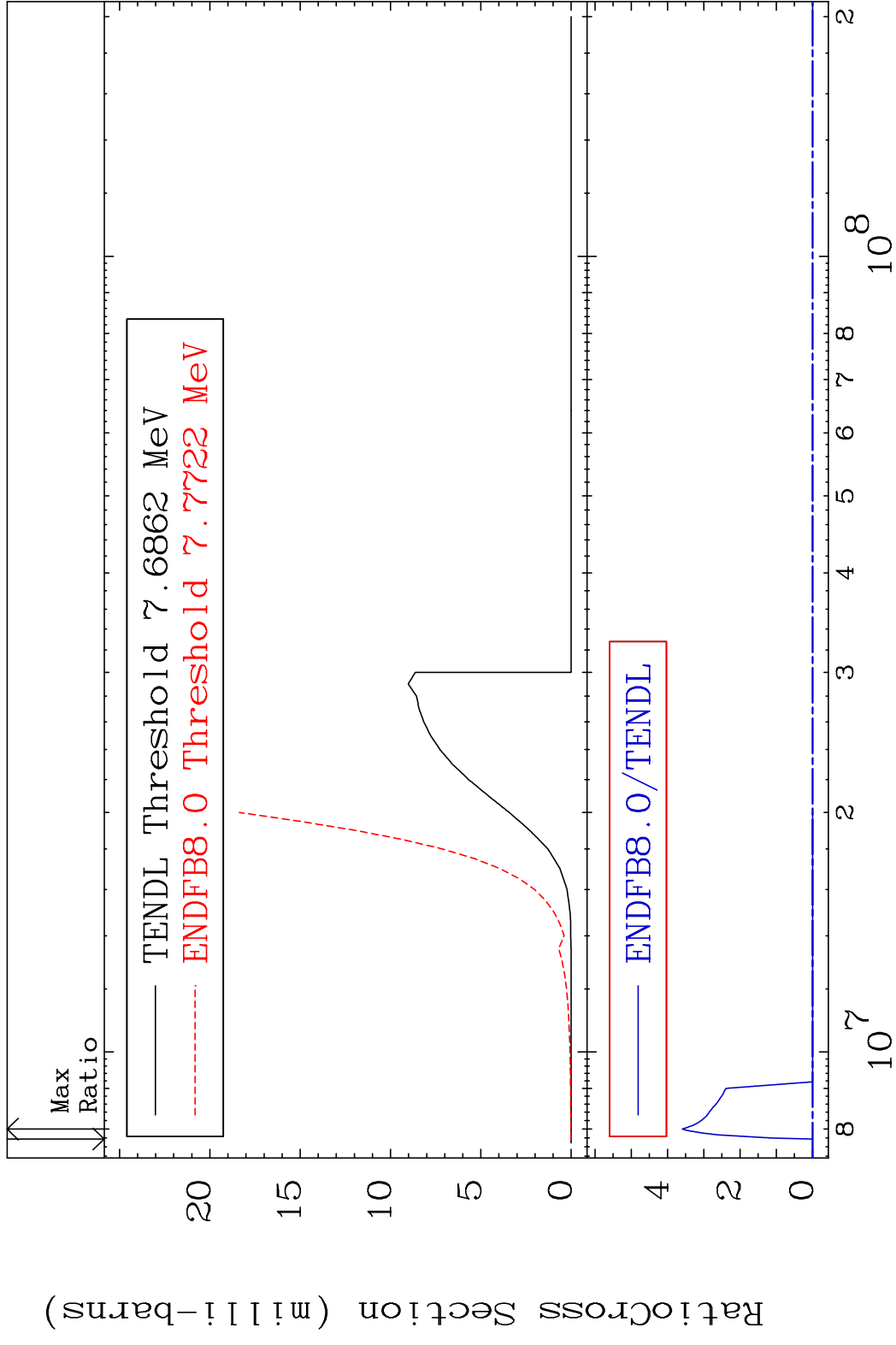


8

Incident Energy (eV)

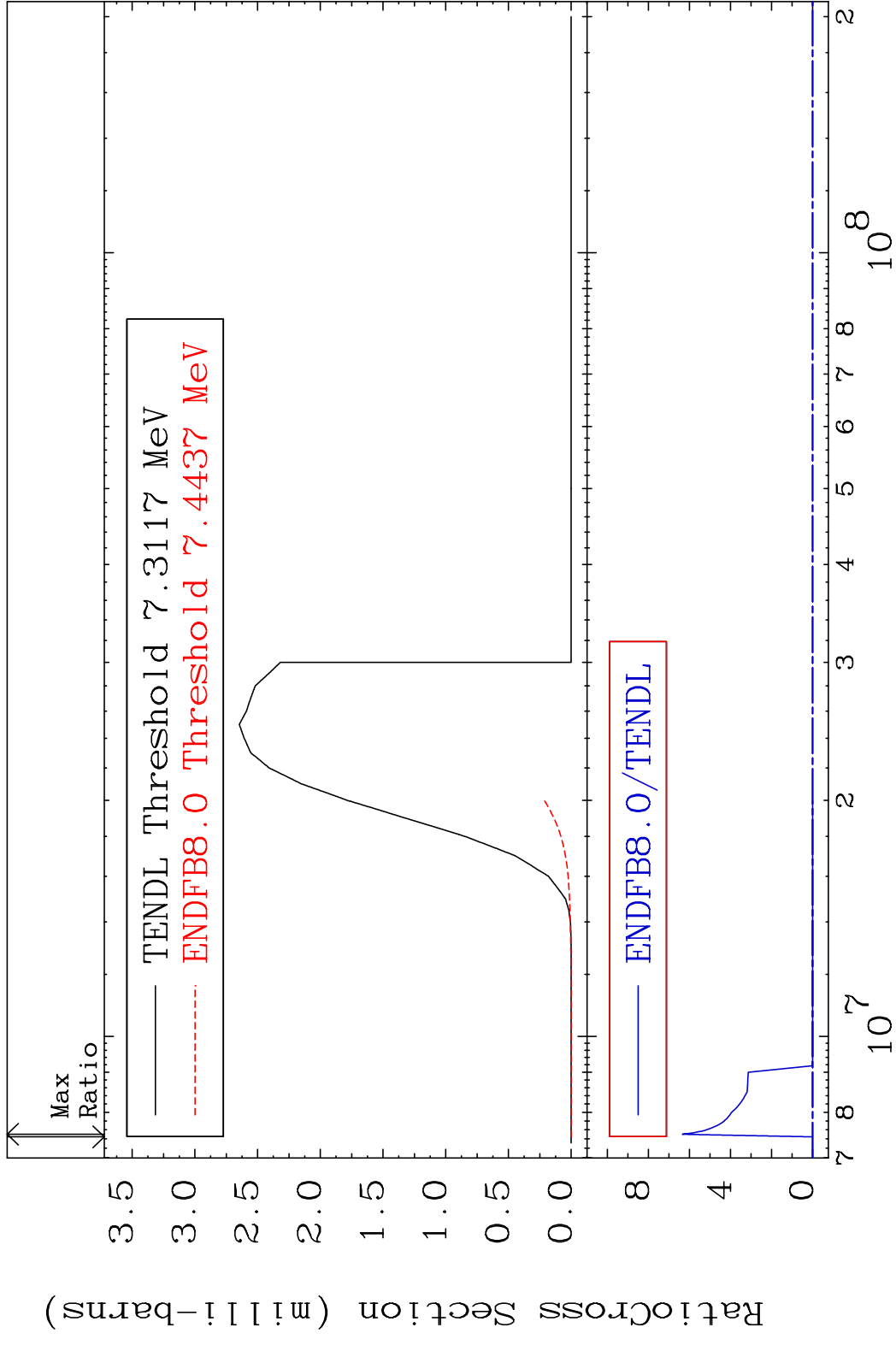
56-Ba-140

MAT 5655 (n,d) 56-Ba-140
 Cross Section -100.0 To 9999. %



9 56-Ba-140

MAT 5655 (n, t) 56-Ba-140
 Cross Section -100.0 To 9999. %



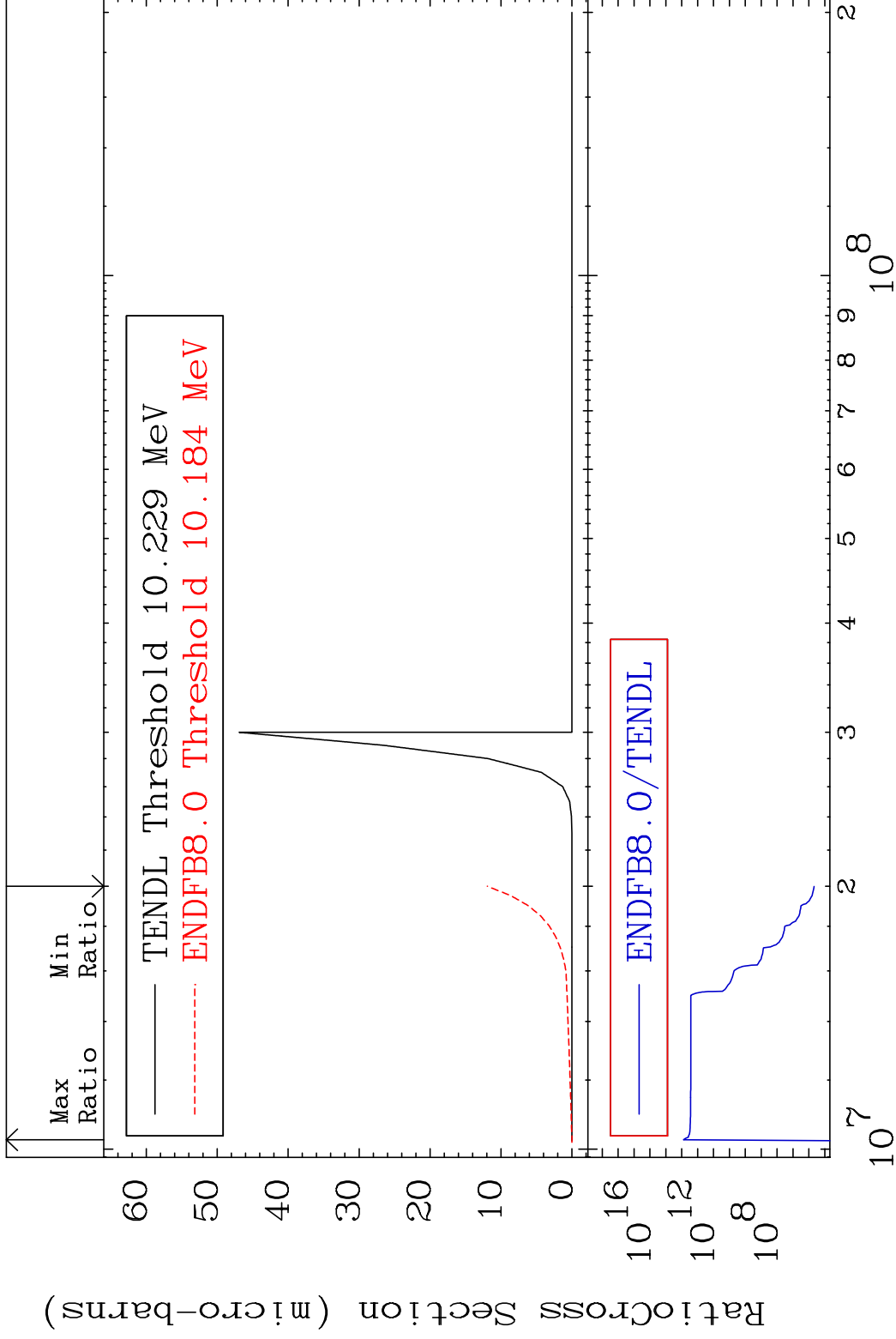
10 Incident Energy (eV) 56-Ba-140

MAT 5655

(n, He-3)

56-Ba-140

Cross Section 9999. To 9999. %



11

Incident Energy (eV)

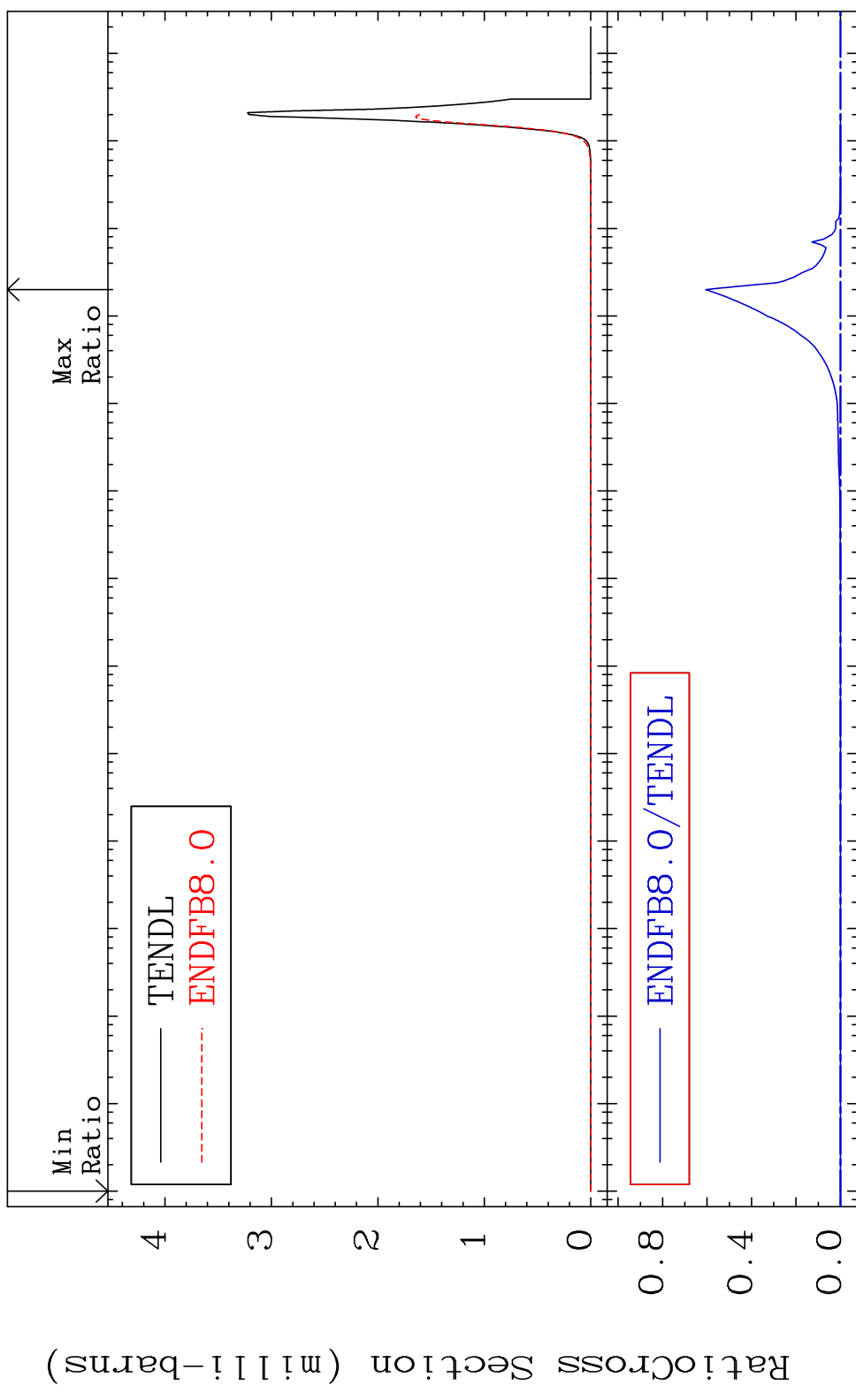
56-Ba-140

MAT 5655

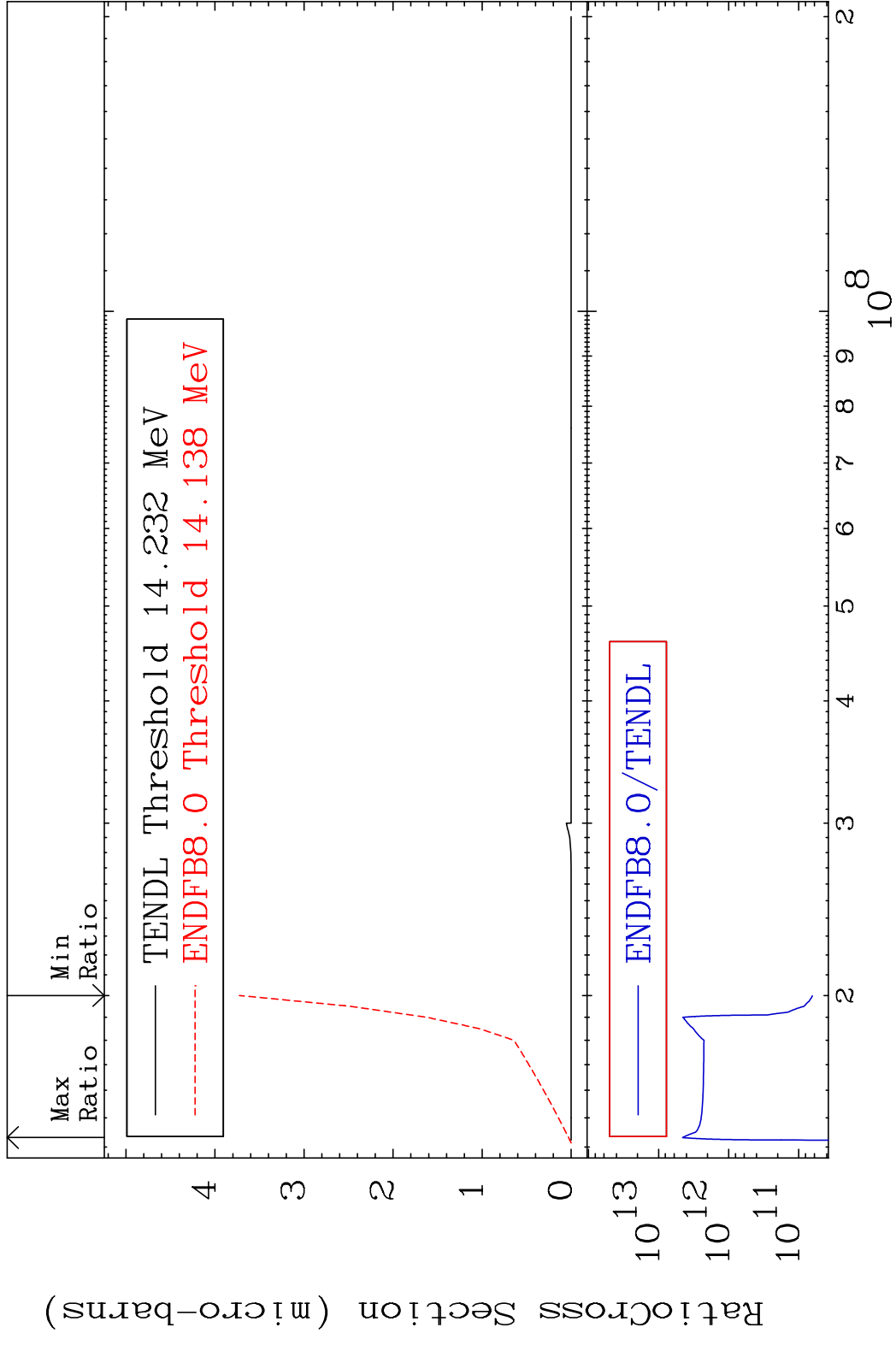
(n, α)

56-Ba-140

Cross Section -100.0 To 9999. %



MAT 5655 (n,2p) 56-Ba-140
 Cross Section 9999. To 9999. %

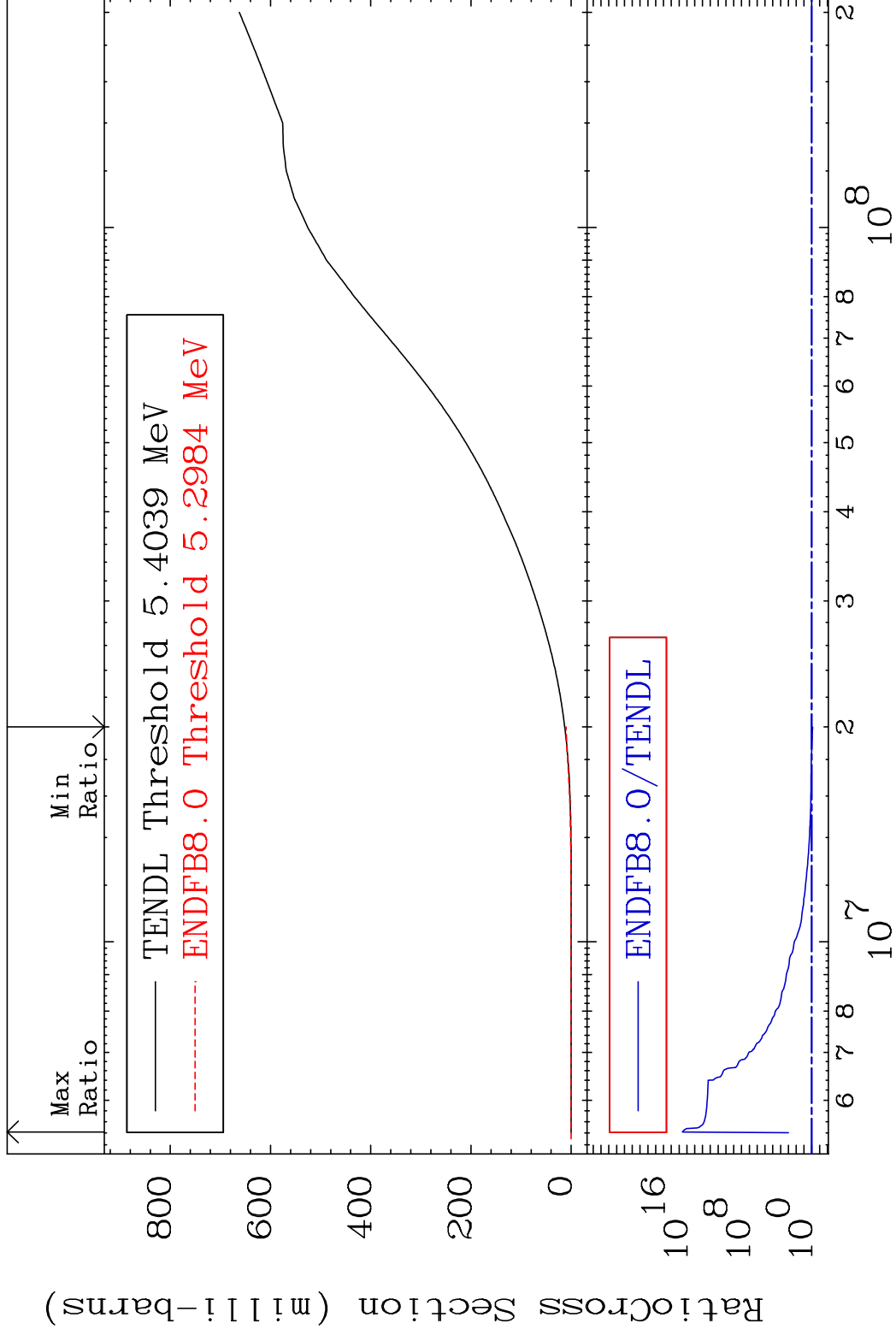


MAT 5655

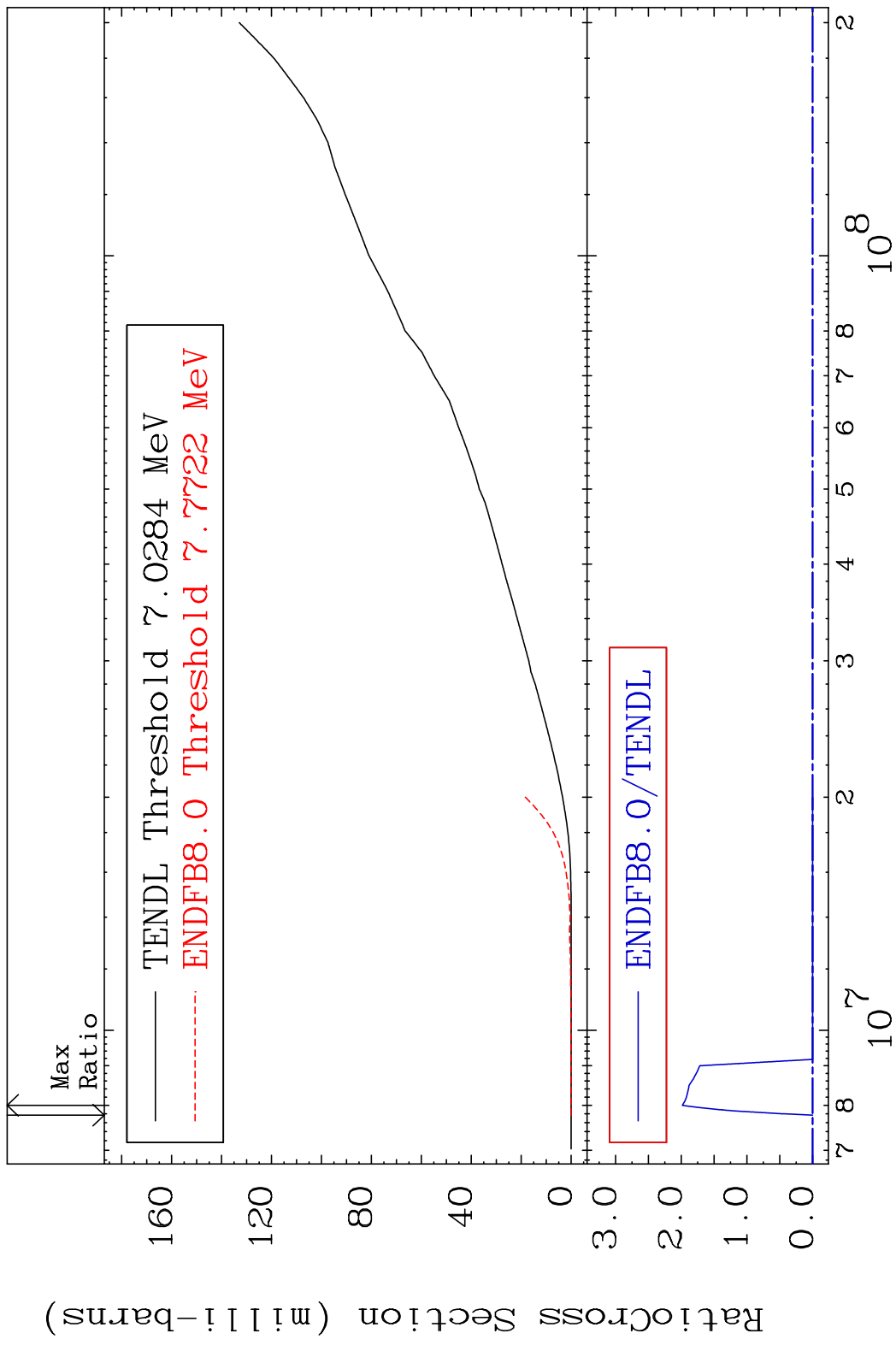
Hydrogen Production

56-Ba-140

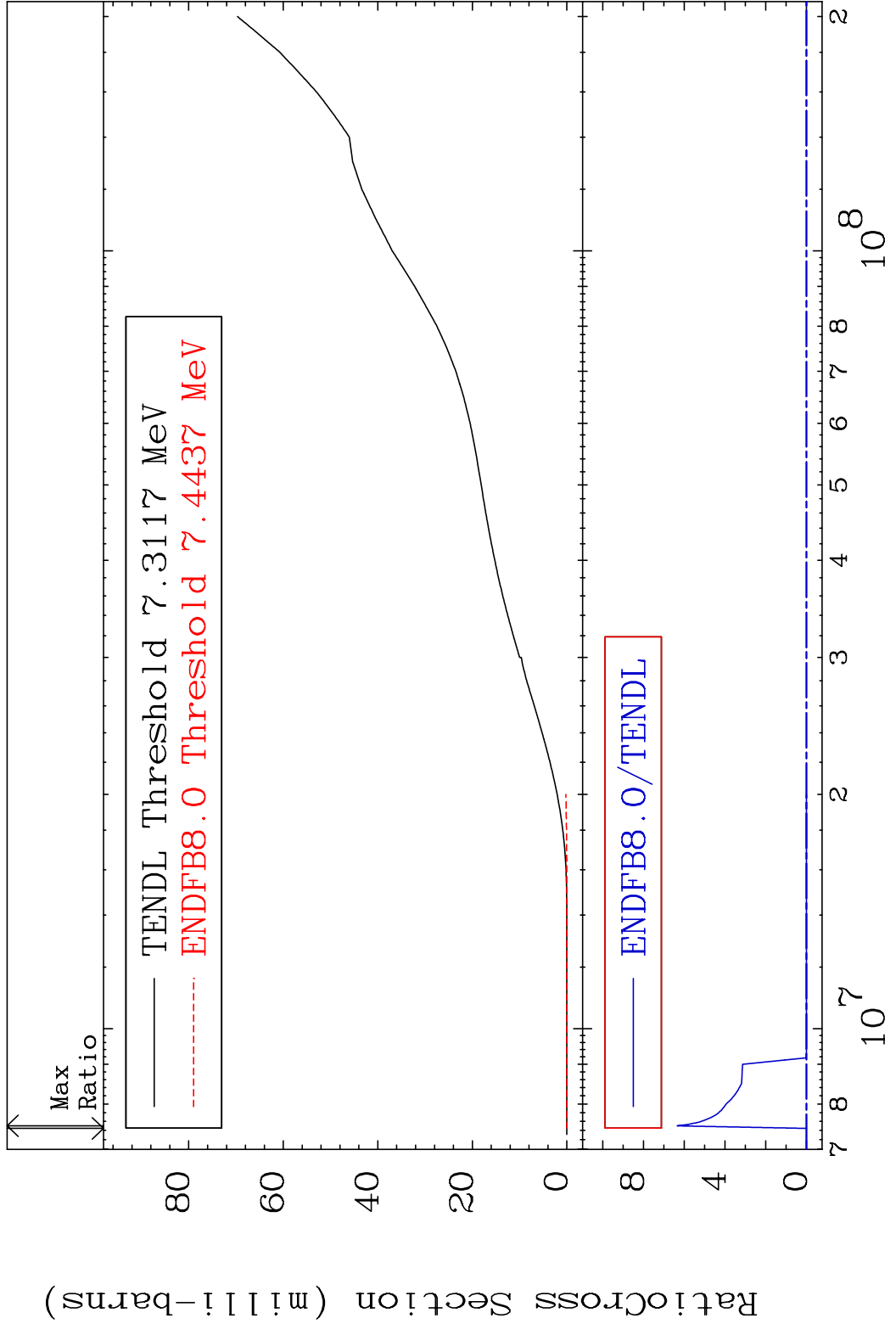
Cross Section -19.83 To 9999. %



MAT 5655 Deuterium Production 56-Ba-140
 Cross Section -100.0 To 9999. %



MAT 5655 Tritium Production 56-Ba-140
 Cross Section -100.0 To 9999. %

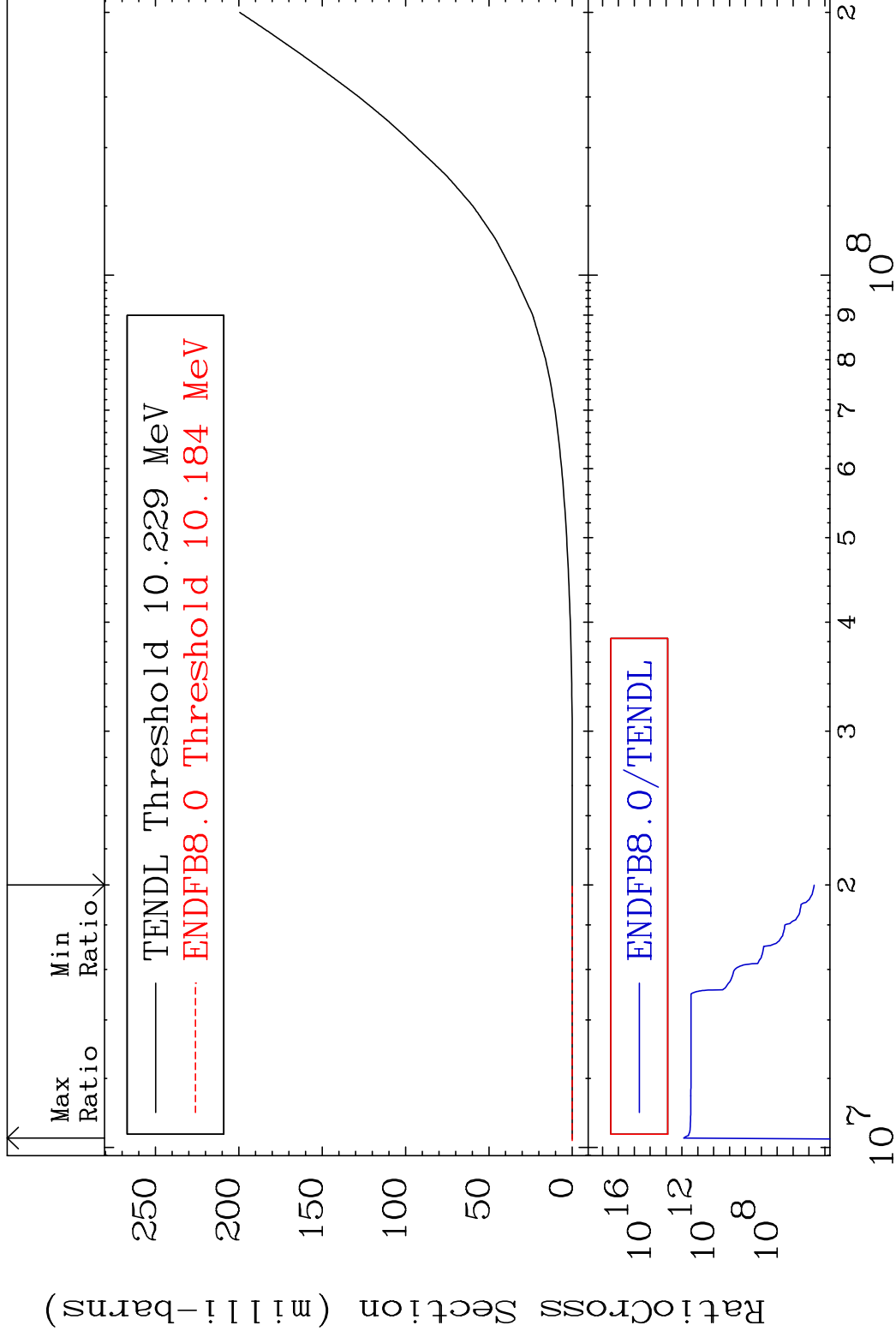


MAT 5655

He-3 Production

56-Ba-140

Cross Section 9999. To 9999. %



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Incident Energy (eV)

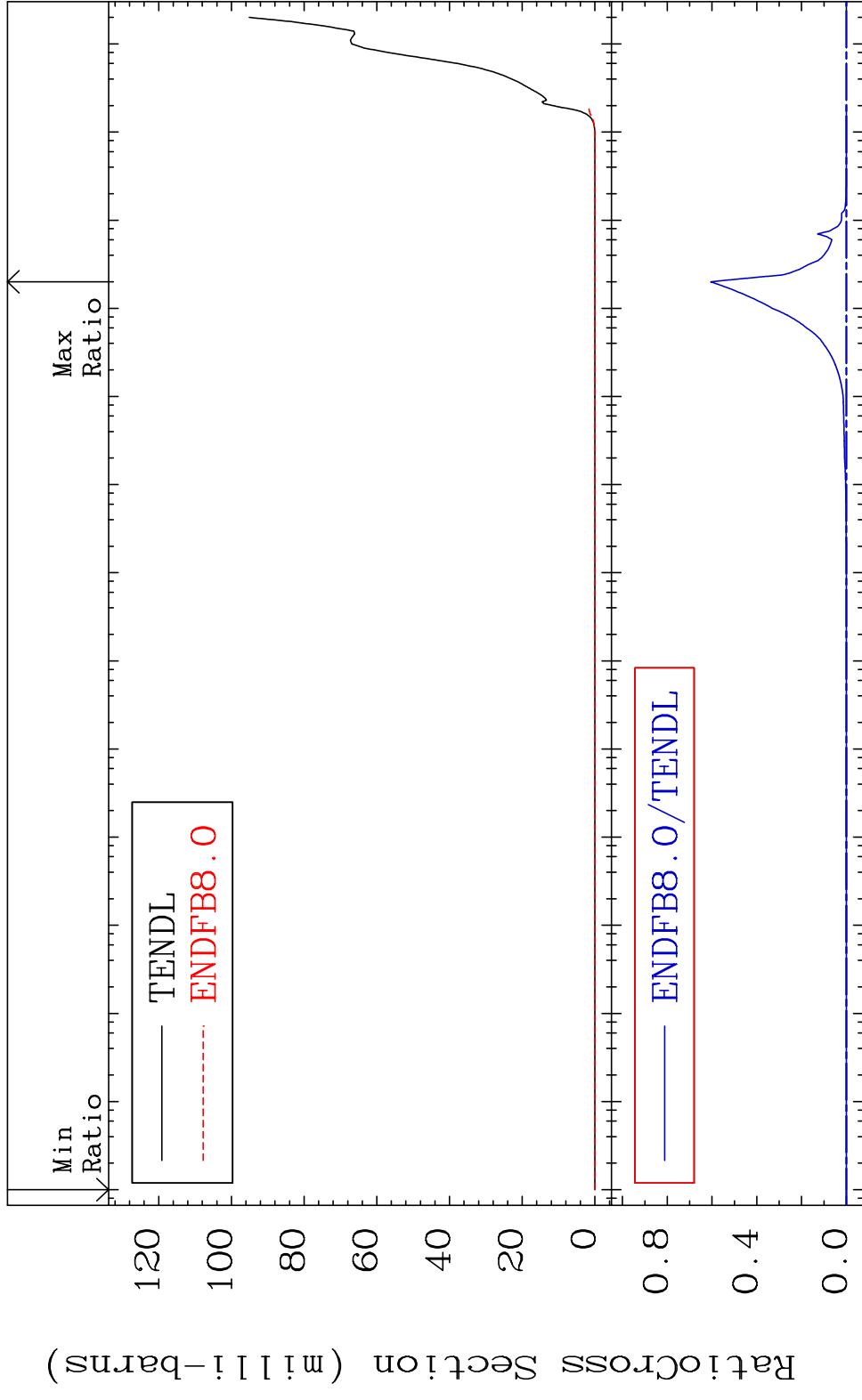
56-Ba-140

MAT 5655

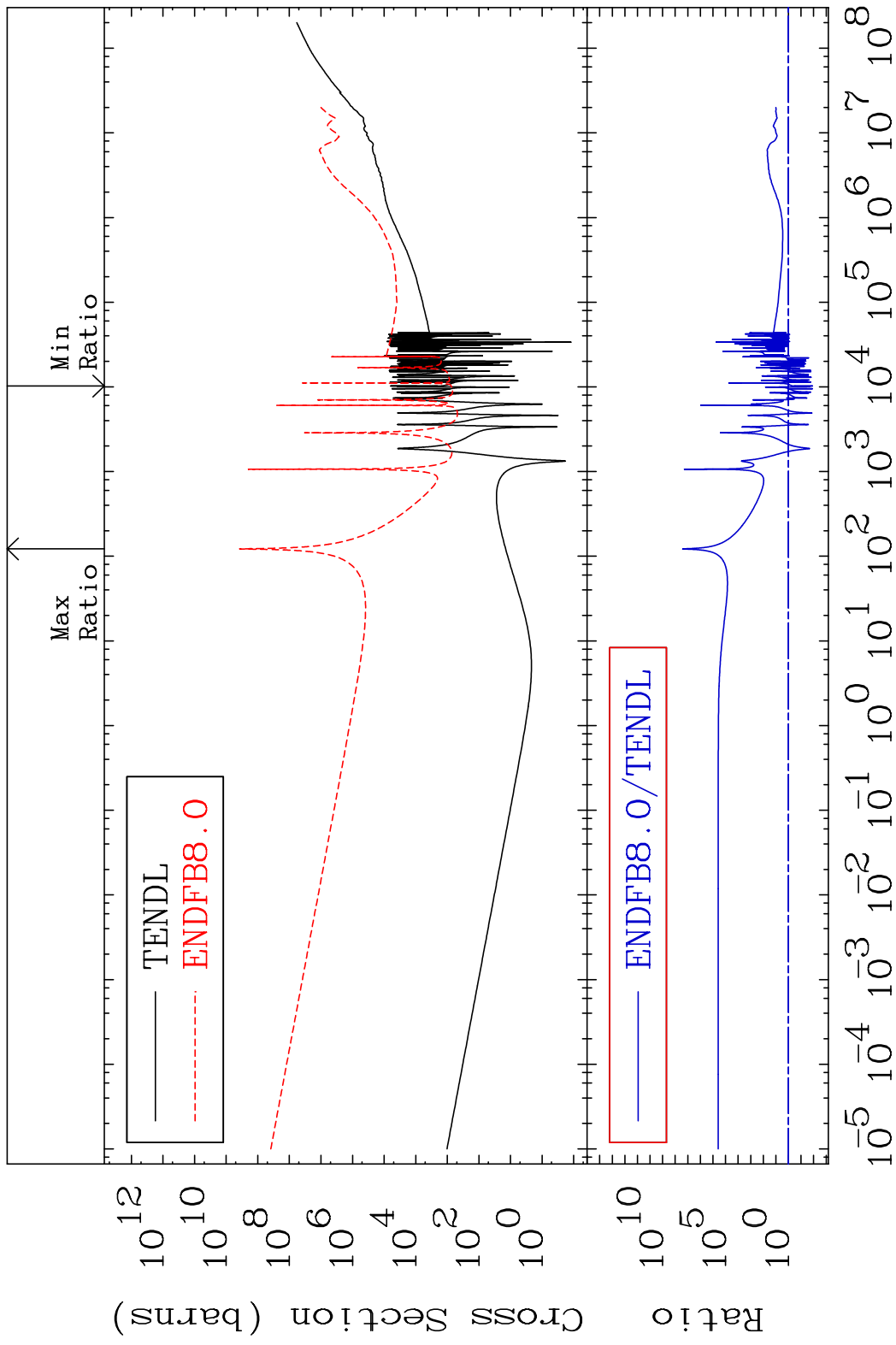
He-4 Production

56-Ba-140

Cross Section -100.0 To 9999. %



MAT 5655 Kerma total (eV-barns) 56-Ba-140
 Cross Section -98.78 To 9999. %

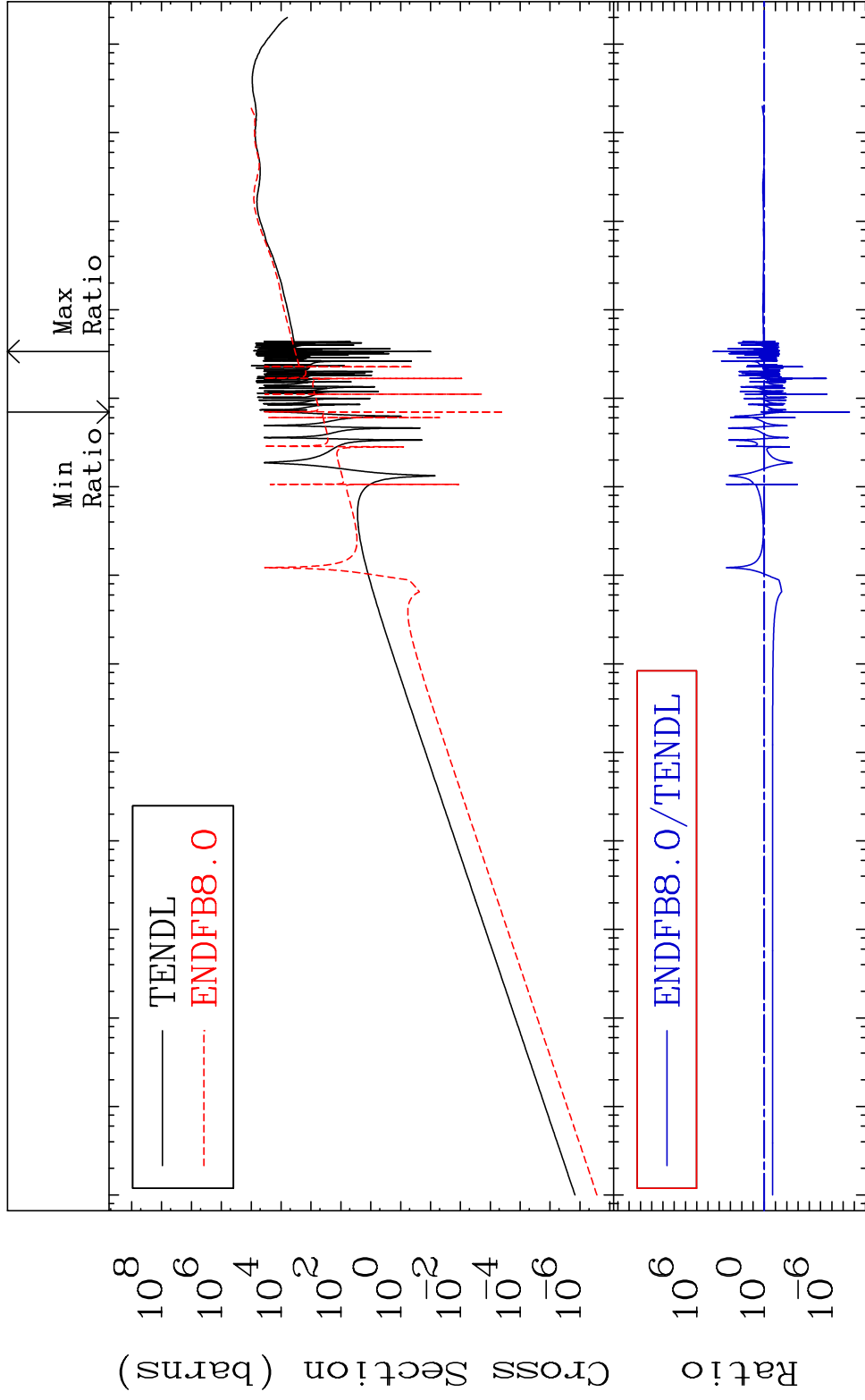


19 Incident Energy (eV) 56-Ba-140

MAT 5655

Kerma elastic
Cross Section

56-Ba-140
-100.0 To 9999. %

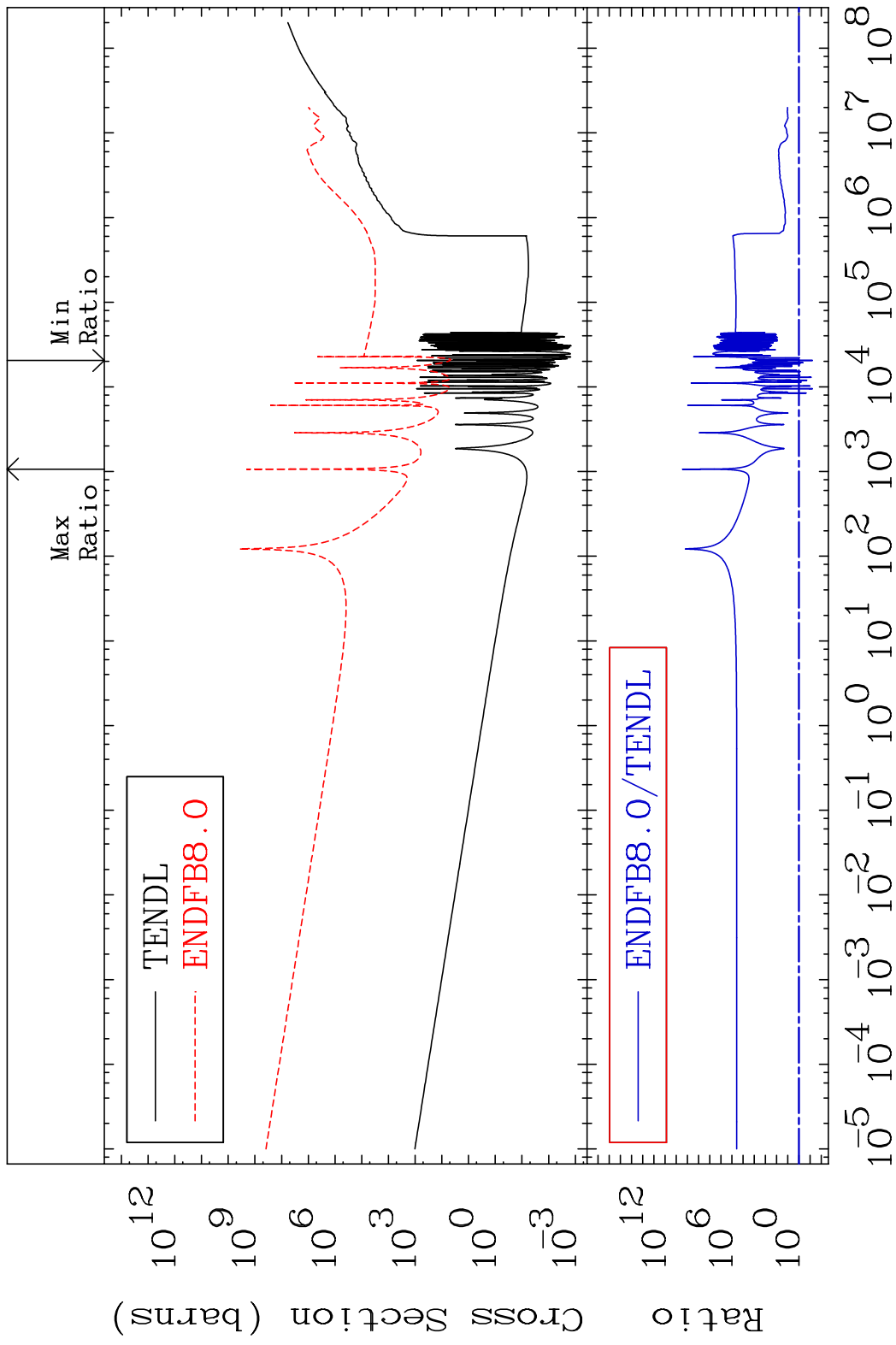


20

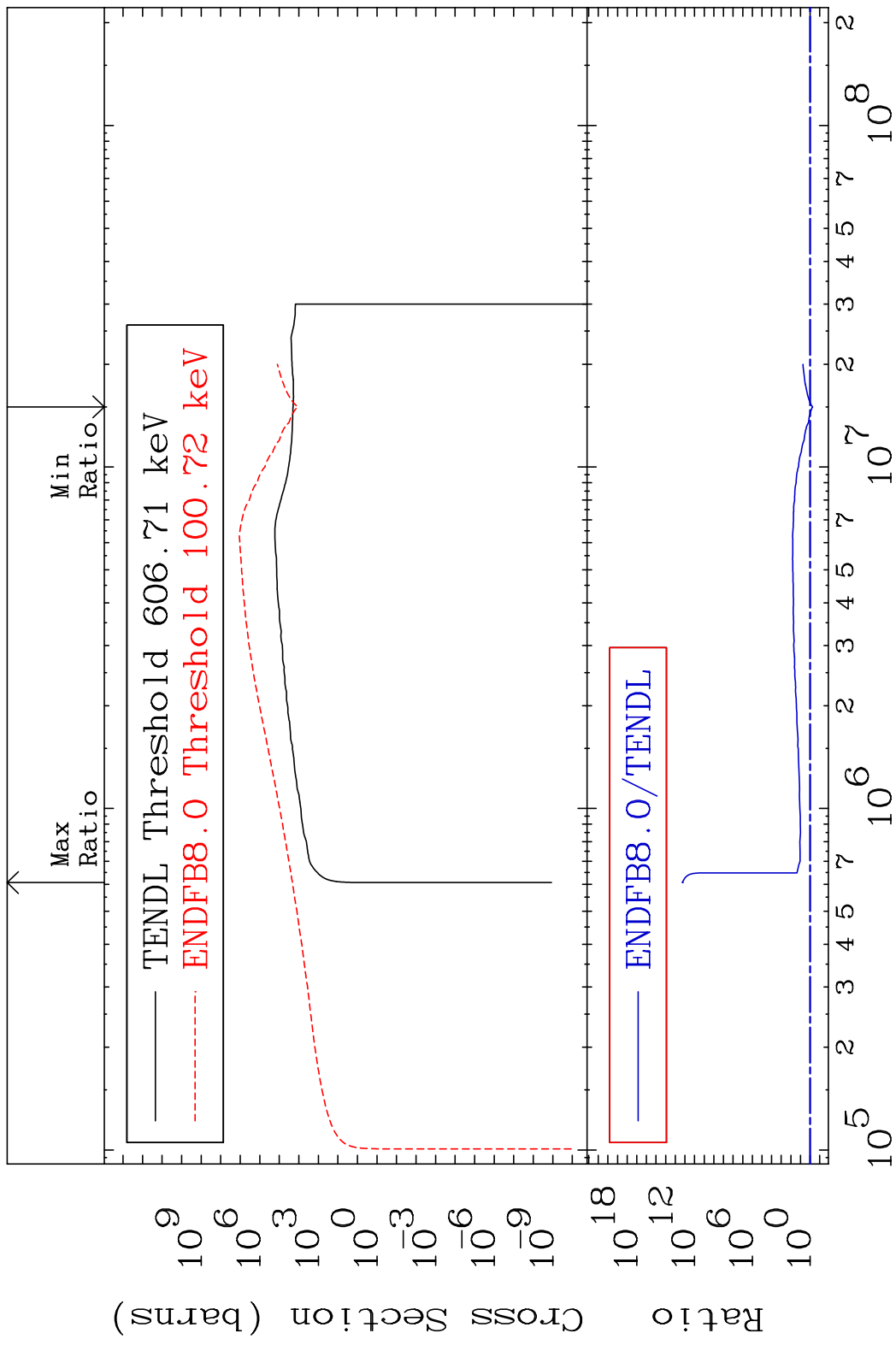
Incident Energy (eV)

56-Ba-140

MAT 5655 Kerma non-elastic (all but mt2) 56-Ba-140
 Cross Section -94.03 To 9999. %

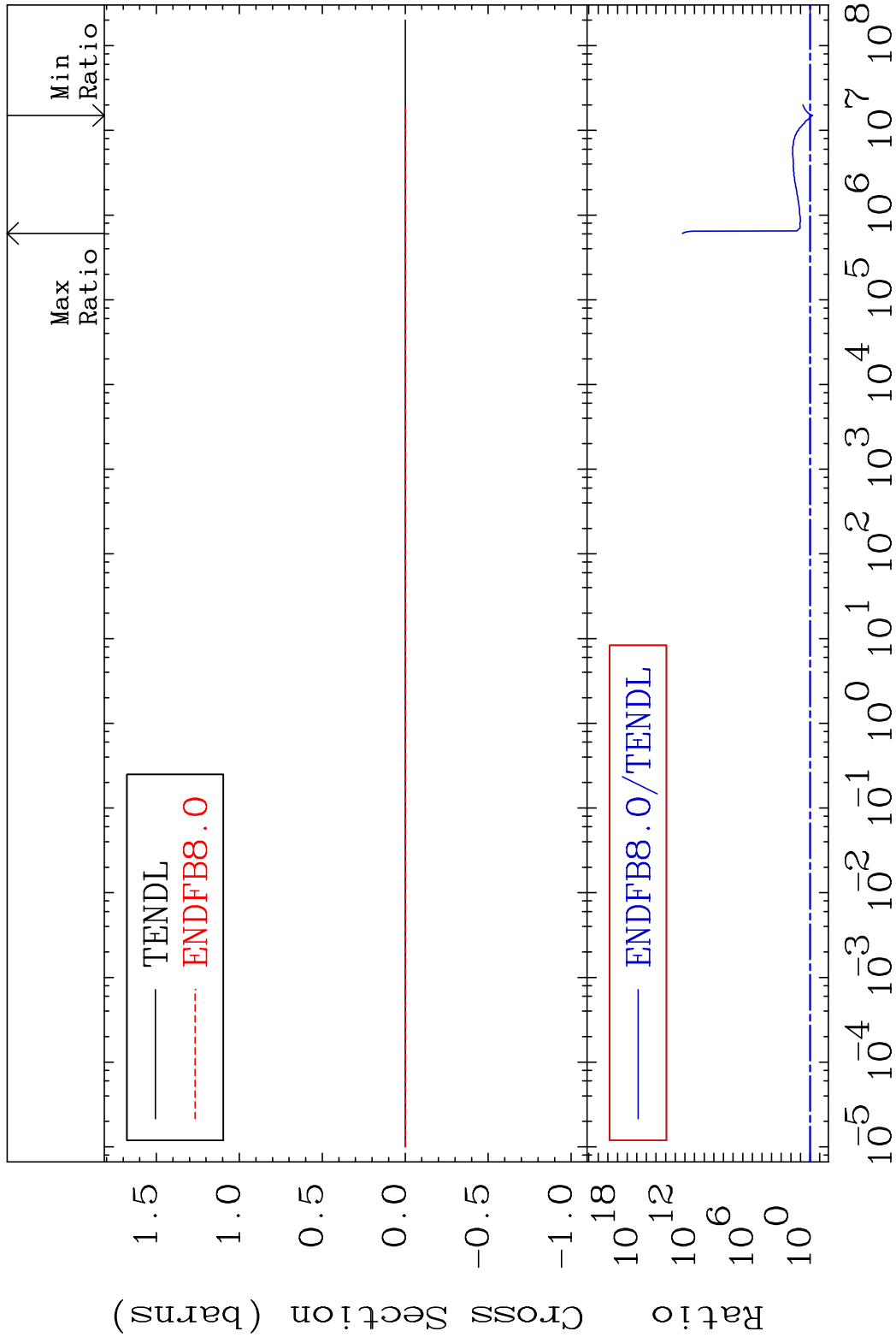


MAT 5655 Kerma inelastic (mt51-91) 56-Ba-140
 Cross Section -43.86 To 9999. %

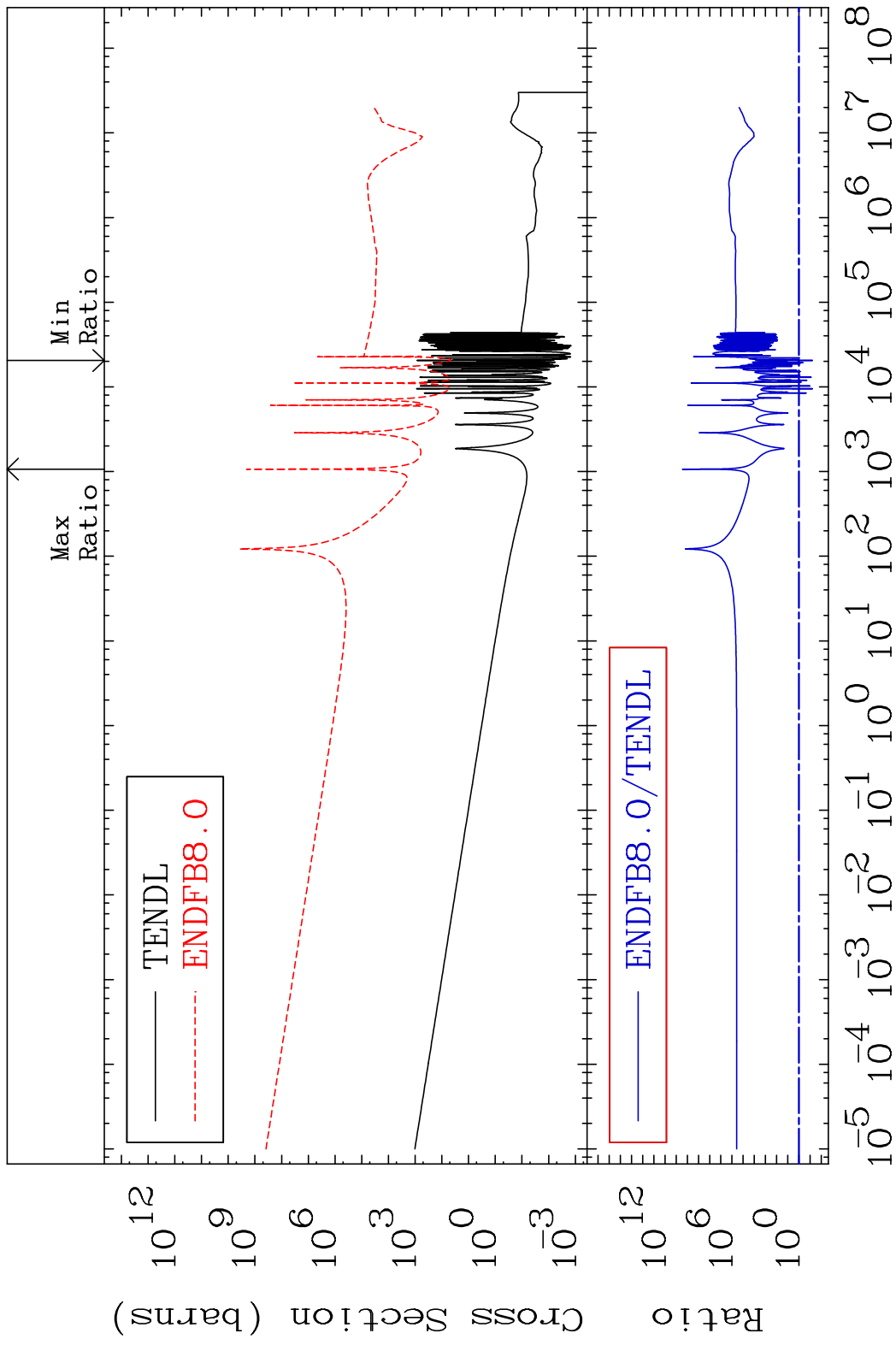


22 Incident Energy (eV) 56-Ba-140

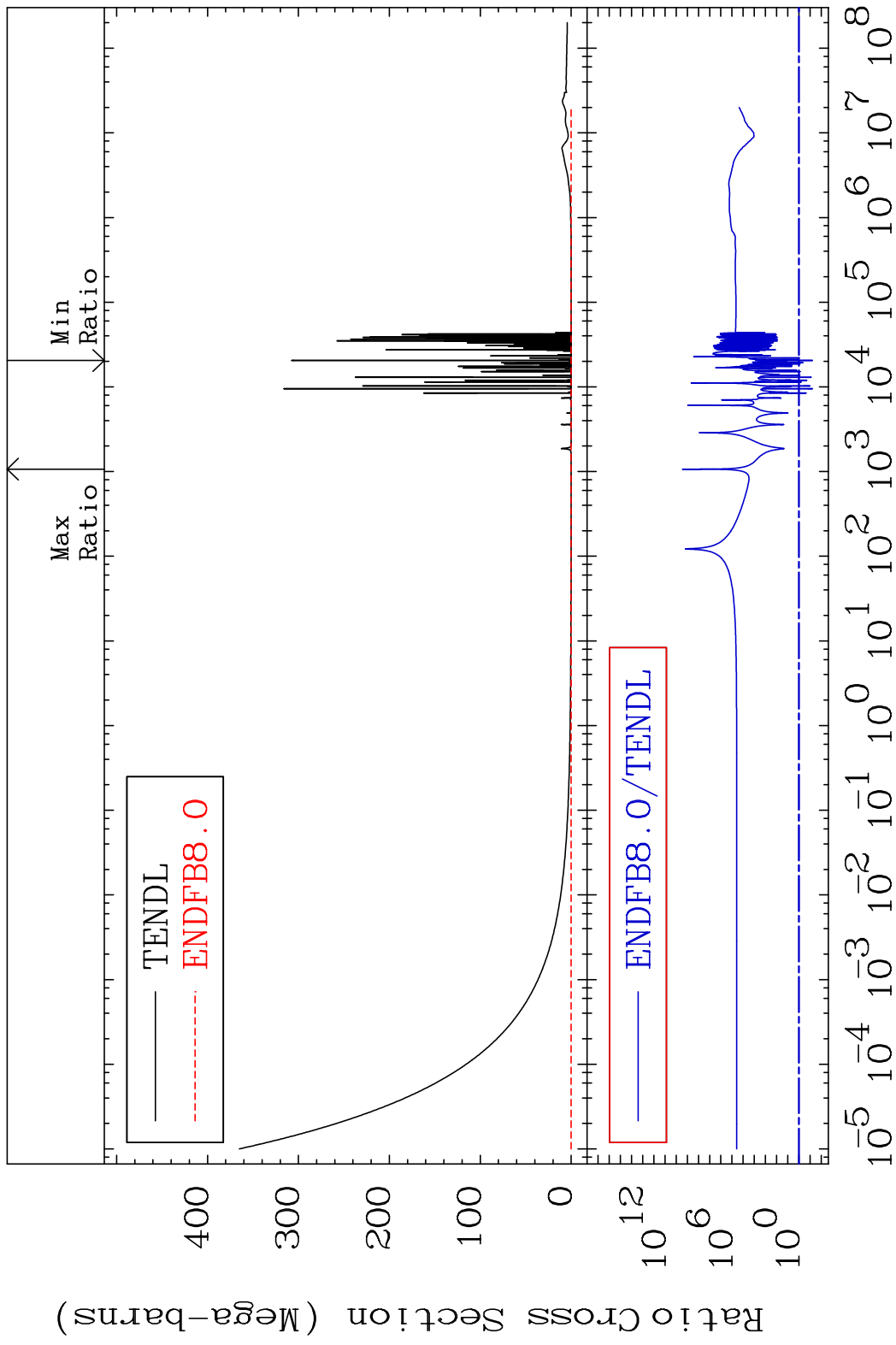
MAT 5655 Kerma fission (mt18 or mt19-20-21-38) 56-Ba-140
 Cross Section -43.86 To 9999. %



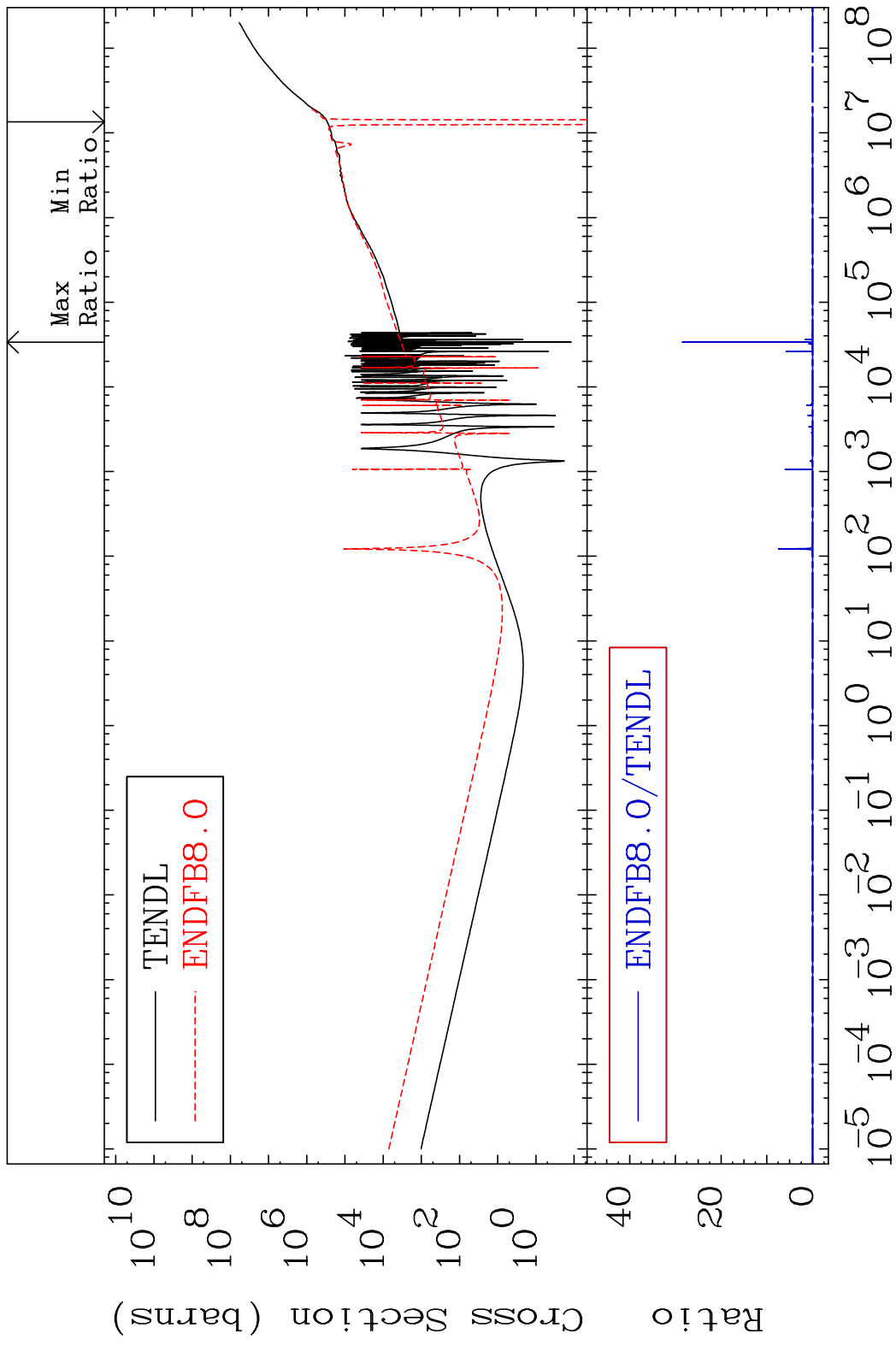
MAT 5655 Kerma capture (mt102) 56-Ba-140
 Cross Section -94.03 To 9999. %



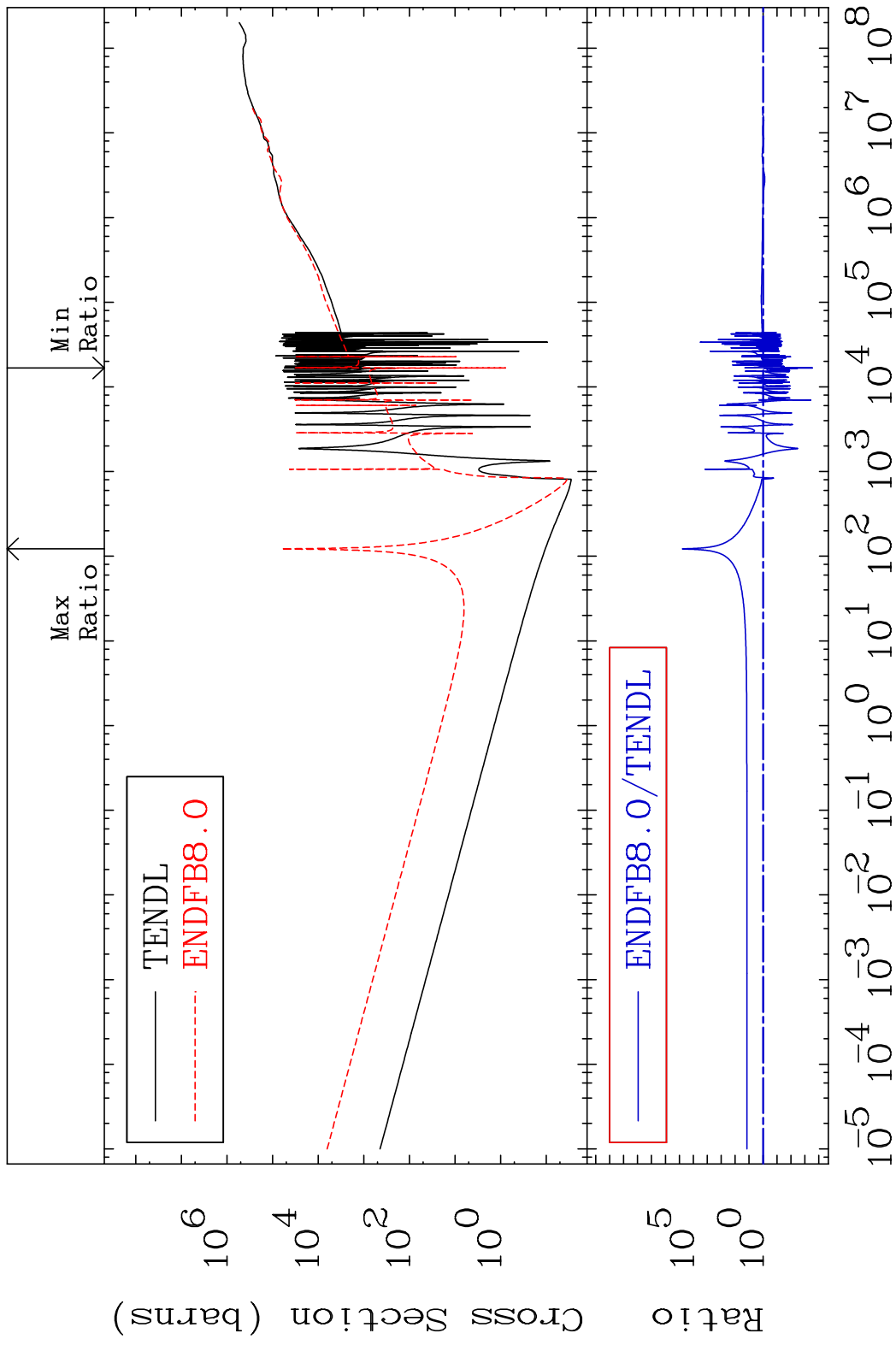
MAT 5655 Total photon (eV-barns) 56-Ba-140
 Cross Section -94.03 To 9999. %



MAT 5655 Total kinematic kerma (high limit) 56-Ba-140
 Cross Section -194.8 To 9999. %



MAT 5655 Dpa total (eV-barns) 56-Ba-140
 Cross Section -99.97 To 9999. %



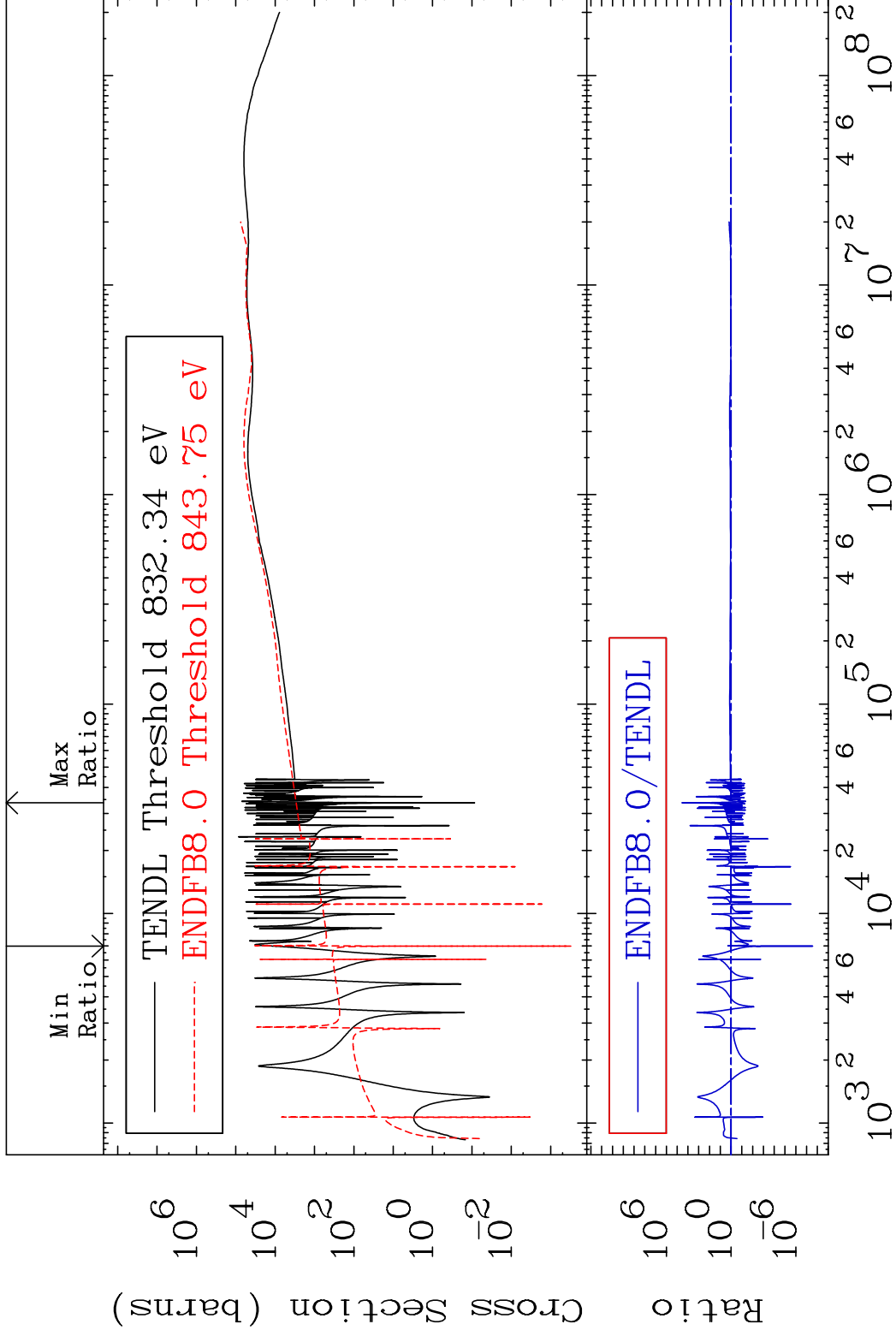
27 Incident Energy (eV) 56-Ba-140

MAT 5655

Dpa elastic (mt2)

56-Ba-140

Cross Section -100.0 To 9999. %



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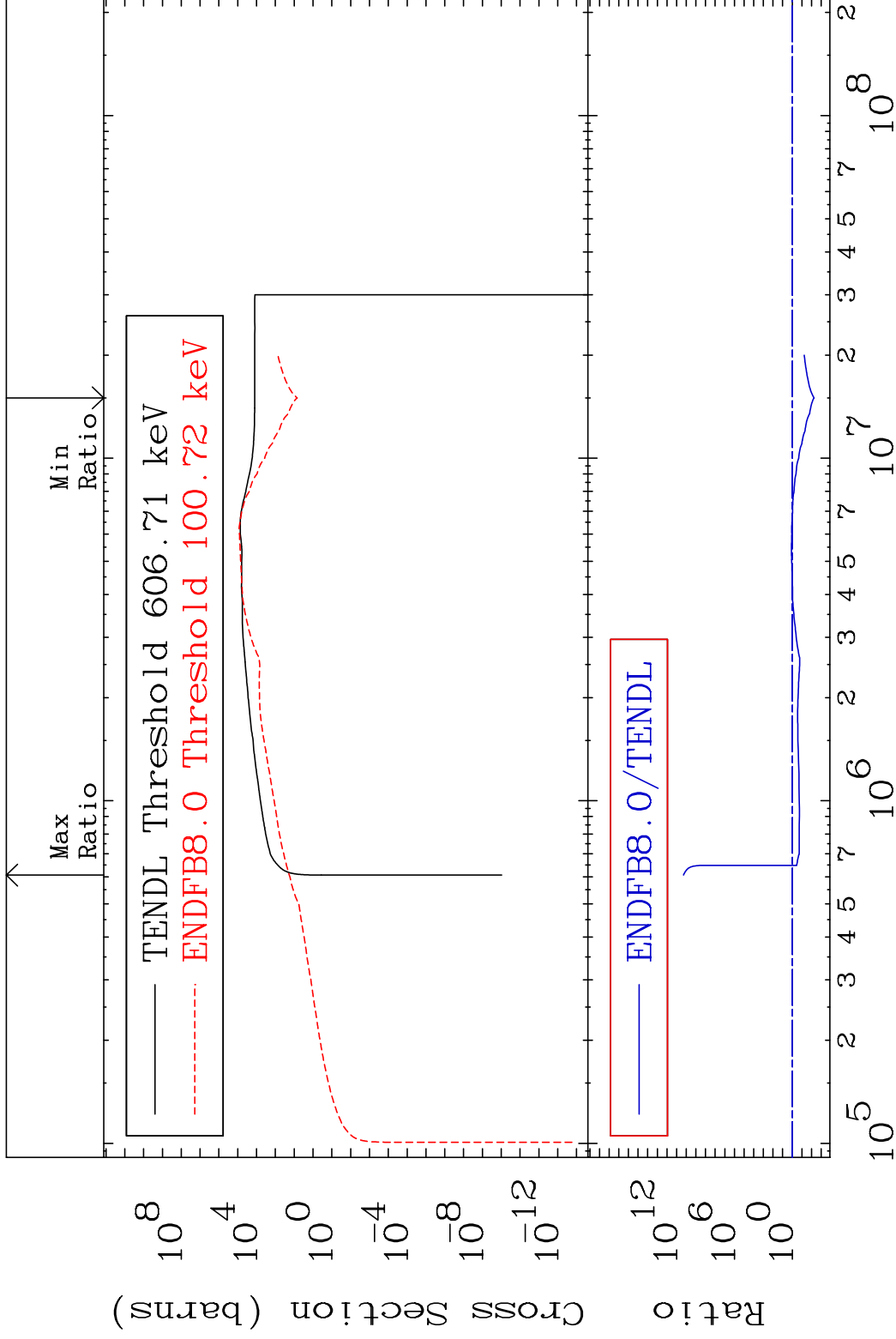
Incident Energy (eV)

56-Ba-140

MAT 5655

Dpa inelastic (mt51-91) 56-Ba-140

Cross Section -99.45 To 9999. %



29

Incident Energy (eV)

56-Ba-140

MAT 5655 Dpa disappearance (mt102 -120) 56-Ba-140
 Cross Section -100.0 To 9999. %

