

Program Complot
(Version 2021-1)

by

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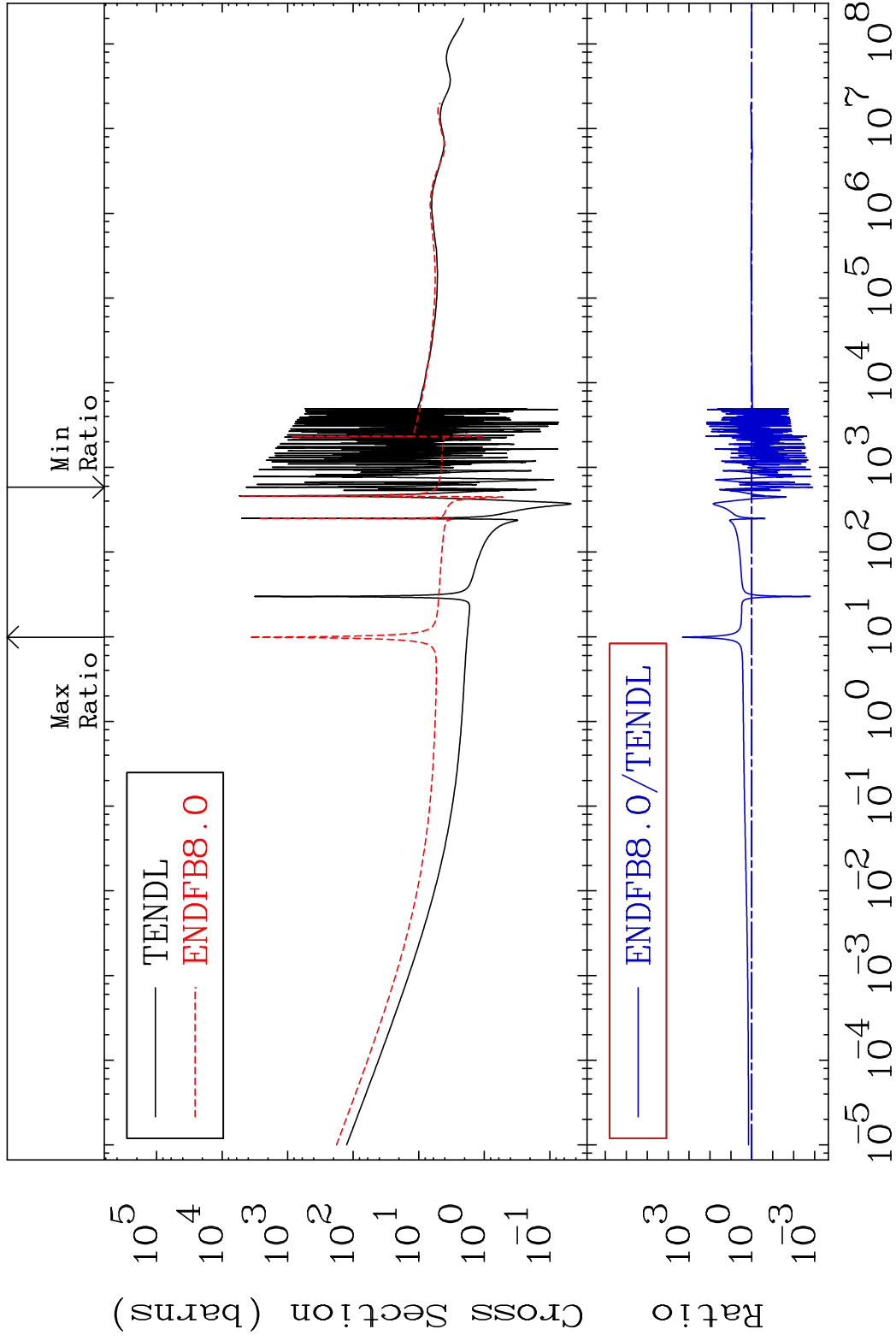
Press Mouse Button to Start

MAT 5431

Total

54-Xe-126

Cross Section -99.88 To 9999. %



1

Incident Energy (eV)

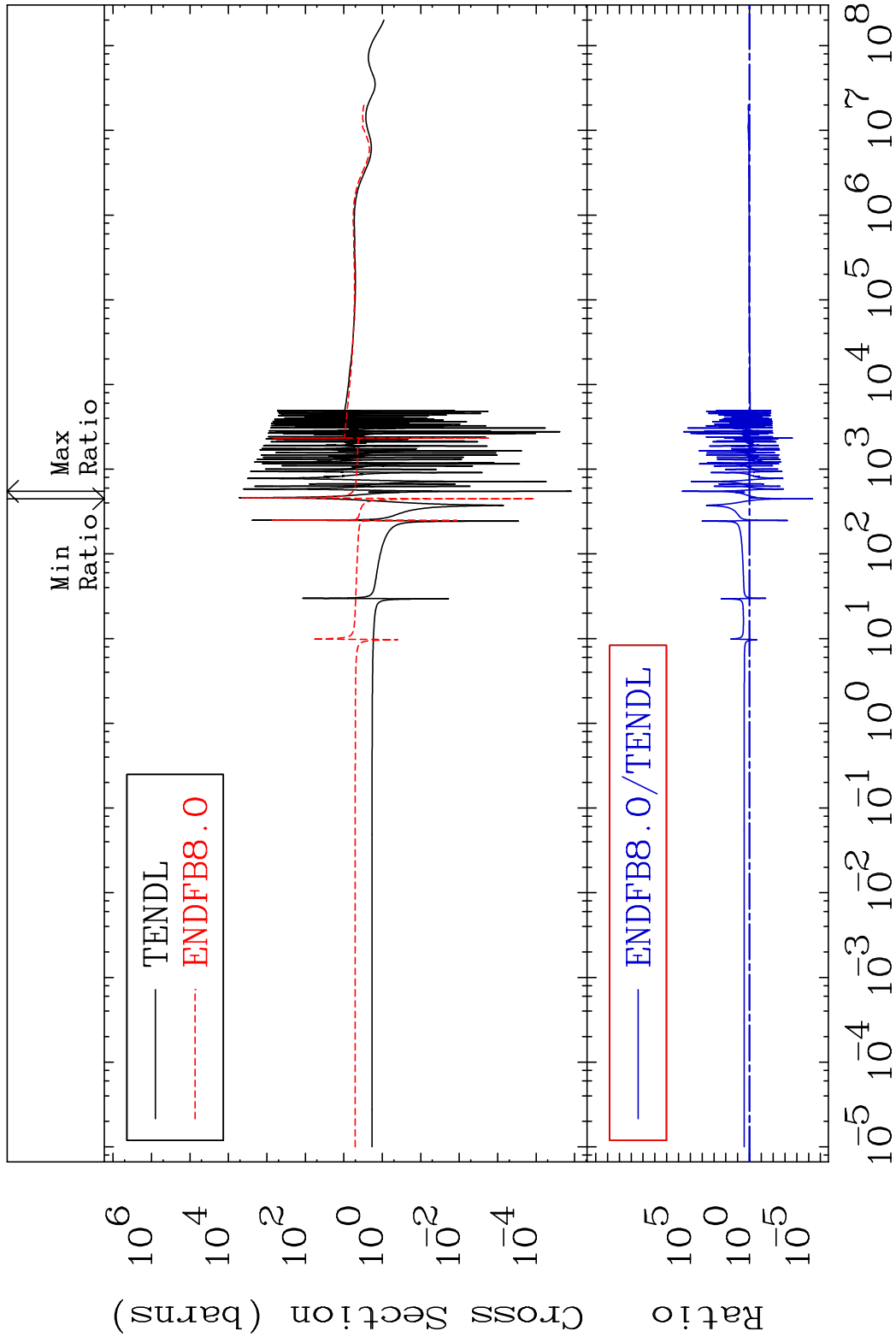
54-Xe-126

MAT 5431

Elastic

54-Xe-126

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

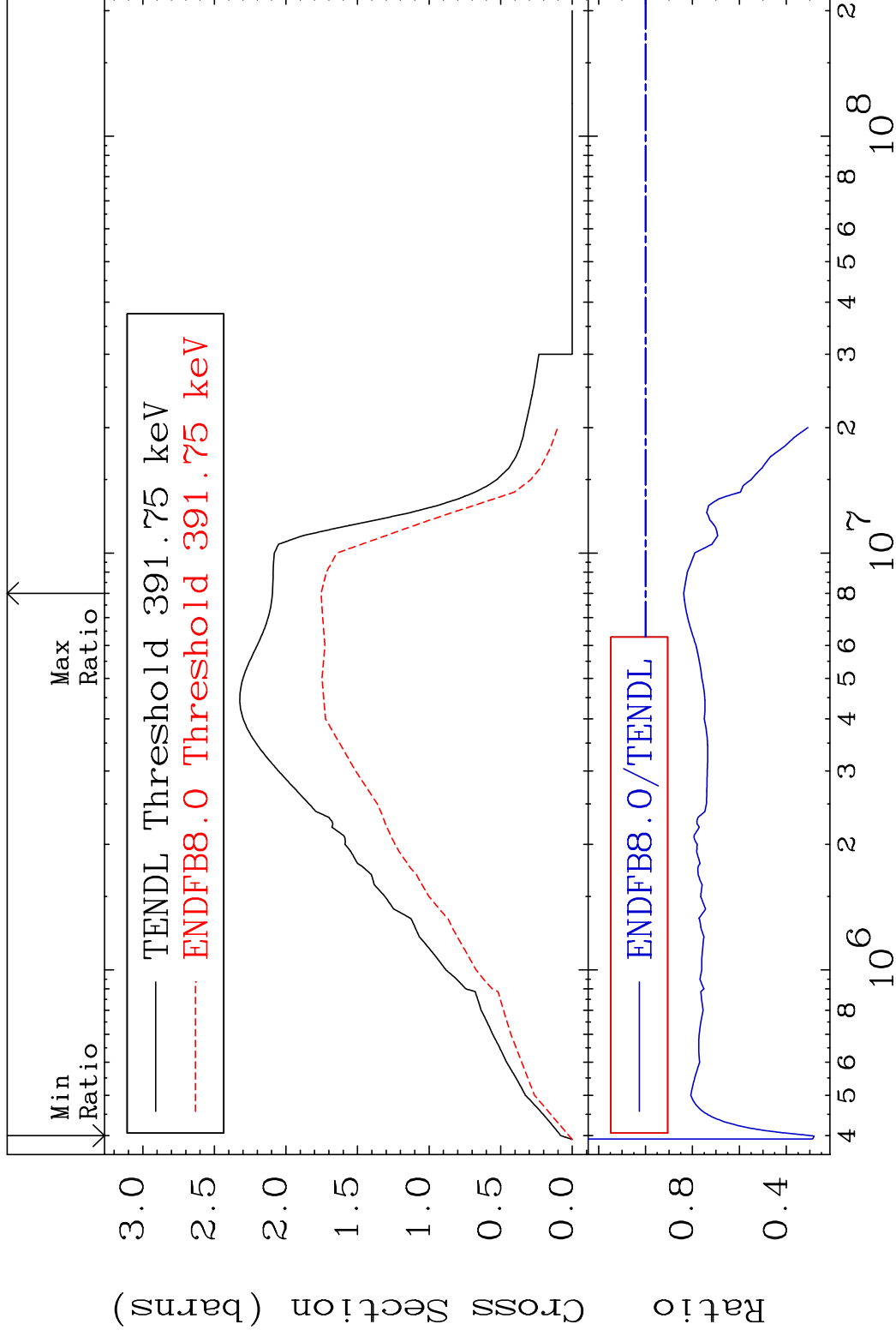
54-Xe-126

MAT 5431

Inelastic

54-Xe-126

Cross Section -71.82 To -16.24%



3

Incident Energy (eV)

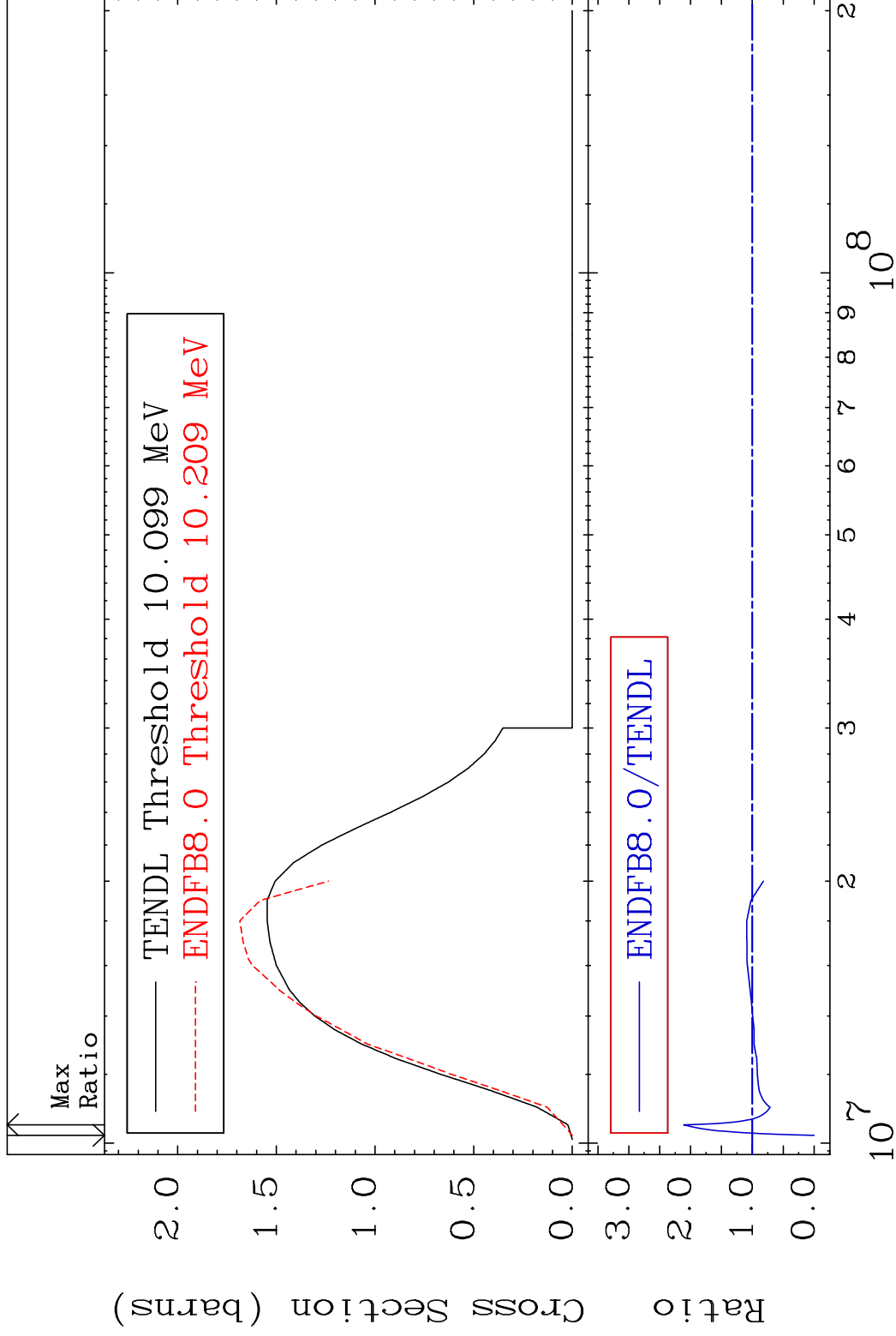
54-Xe-126

MAT 5431

(n,2n)

54-Xe-126

Cross Section -100.0 To 111.2 %



4

Incident Energy (eV)

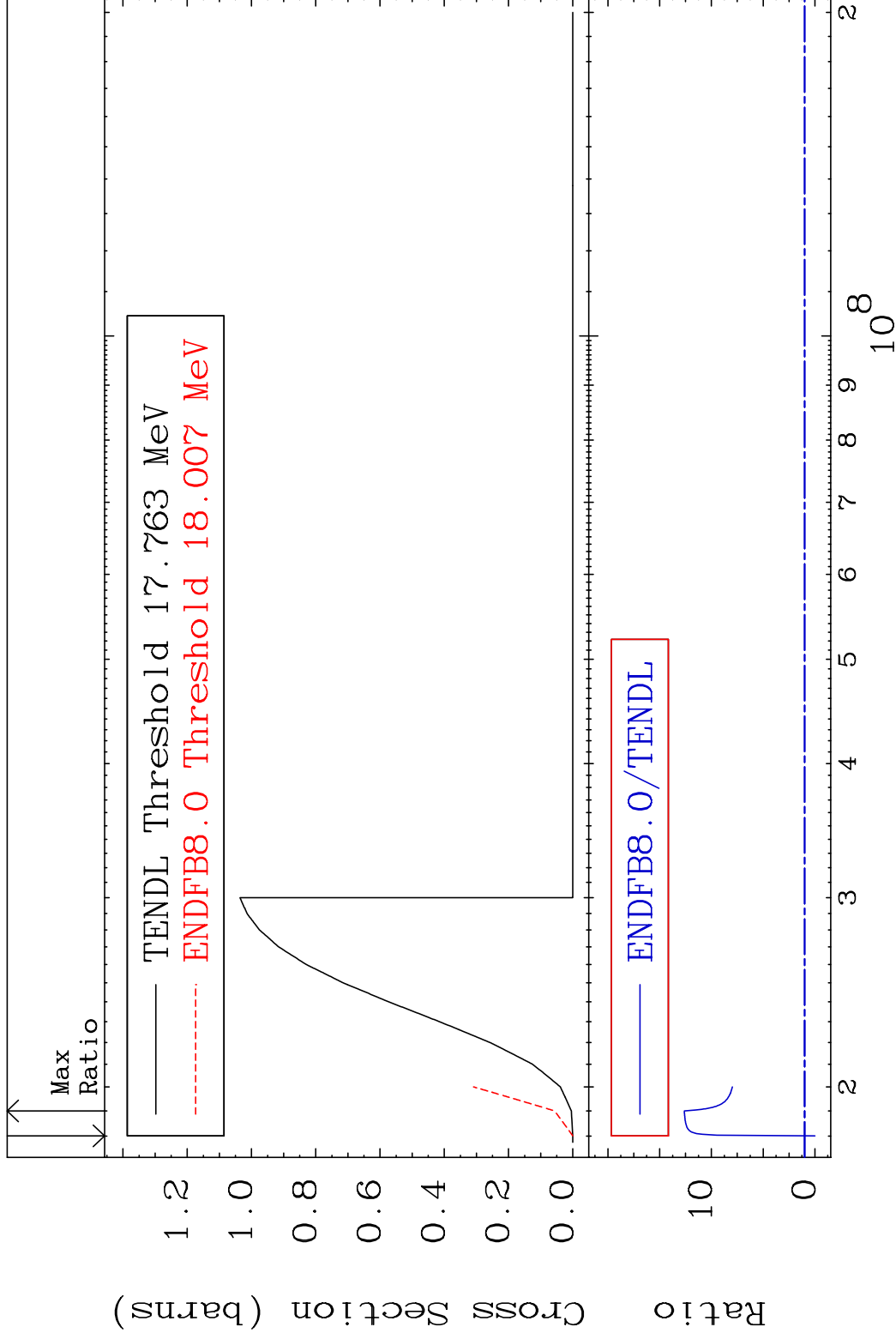
54-Xe-126

MAT 5431

(n,3n)

54-Xe-126

Cross Section -100.0 To 1162. %



5

Incident Energy (eV)

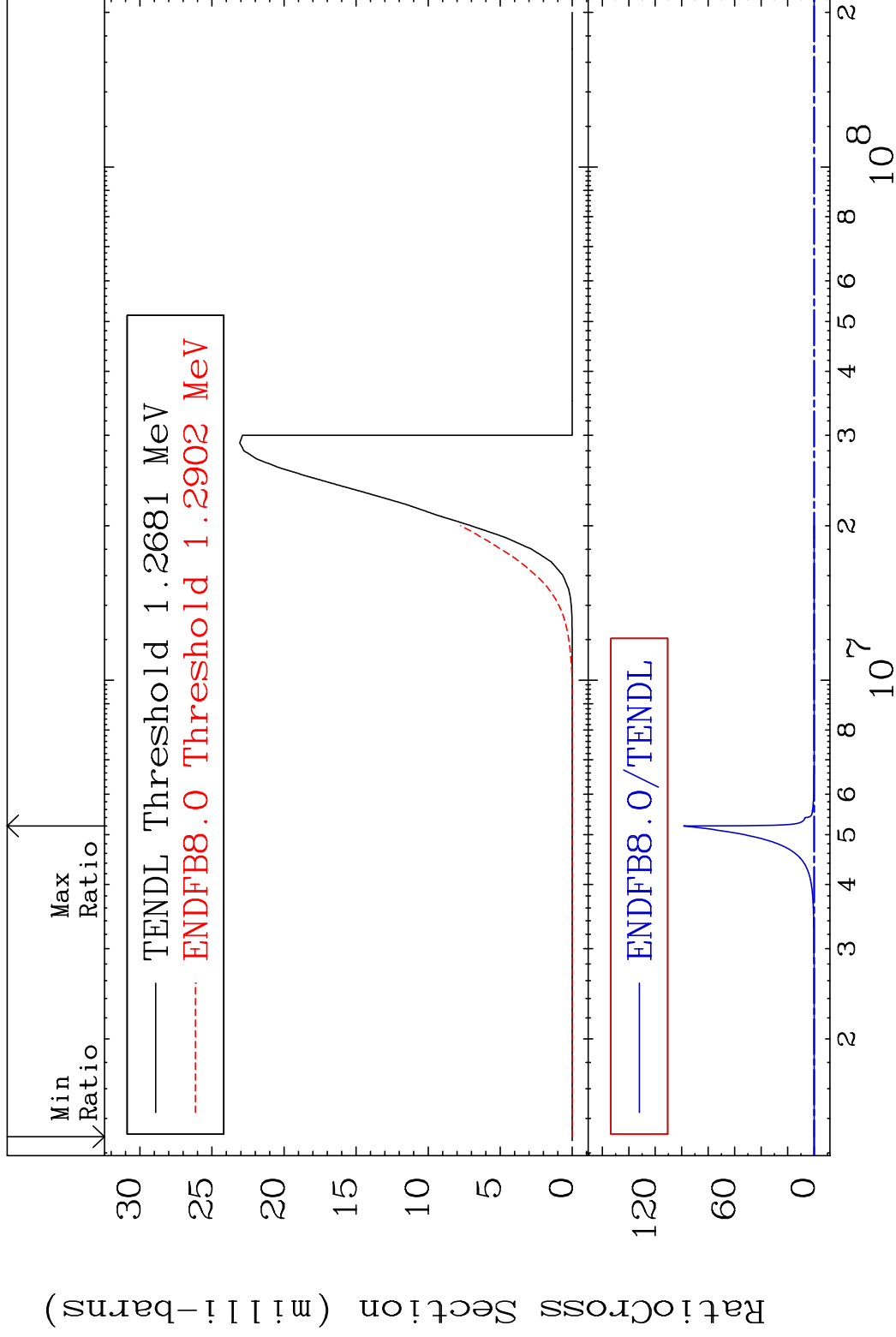
54-Xe-126

MAT 5431

(n, n') α

54-Xe-126

Cross Section -100.0 To 9999. %



6

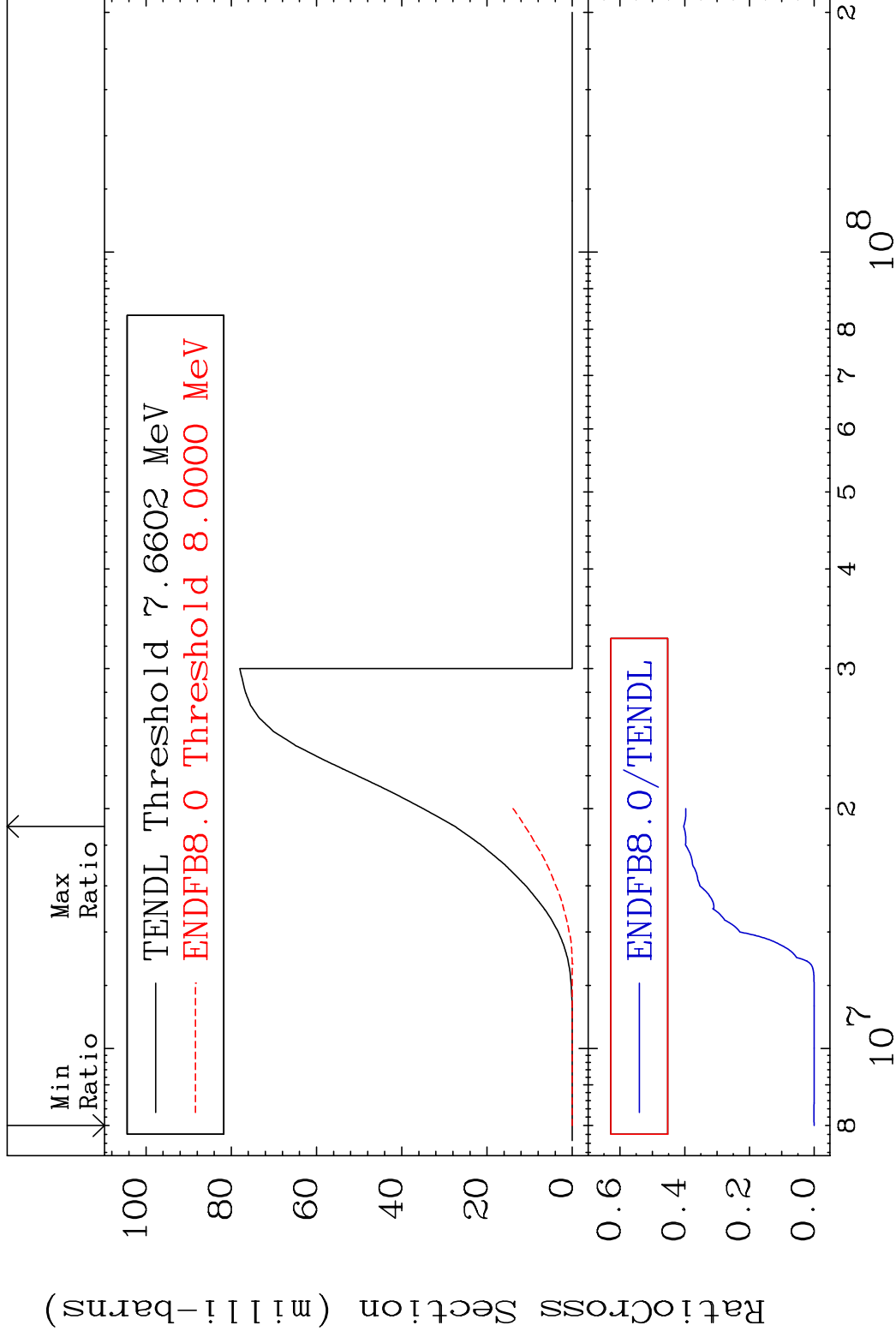
Incident Energy (eV)

54-Xe-126

MAT 5431

(n, n') p 54-Xe-126

Cross Section -100.0 To -59.67%

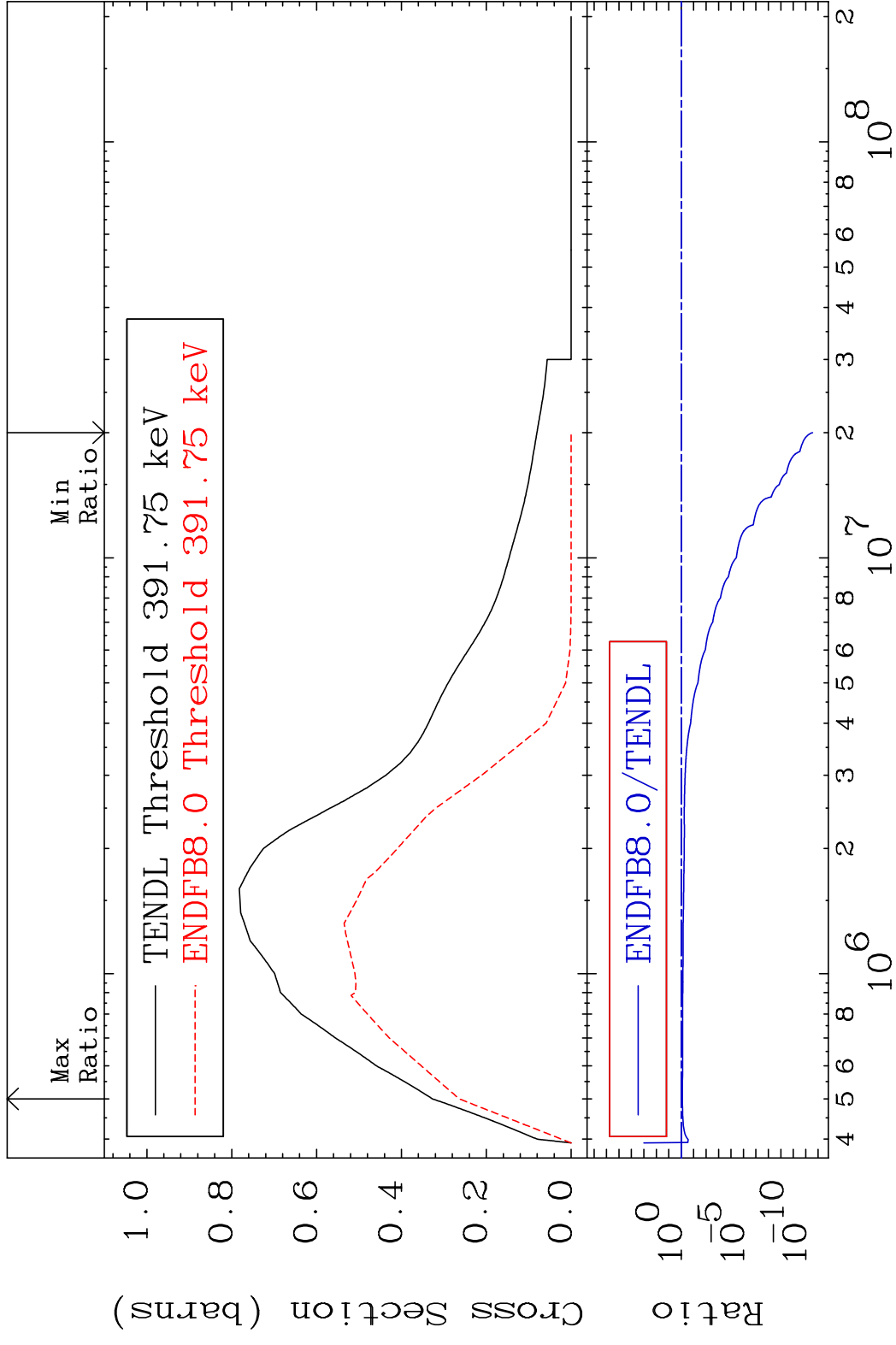


7

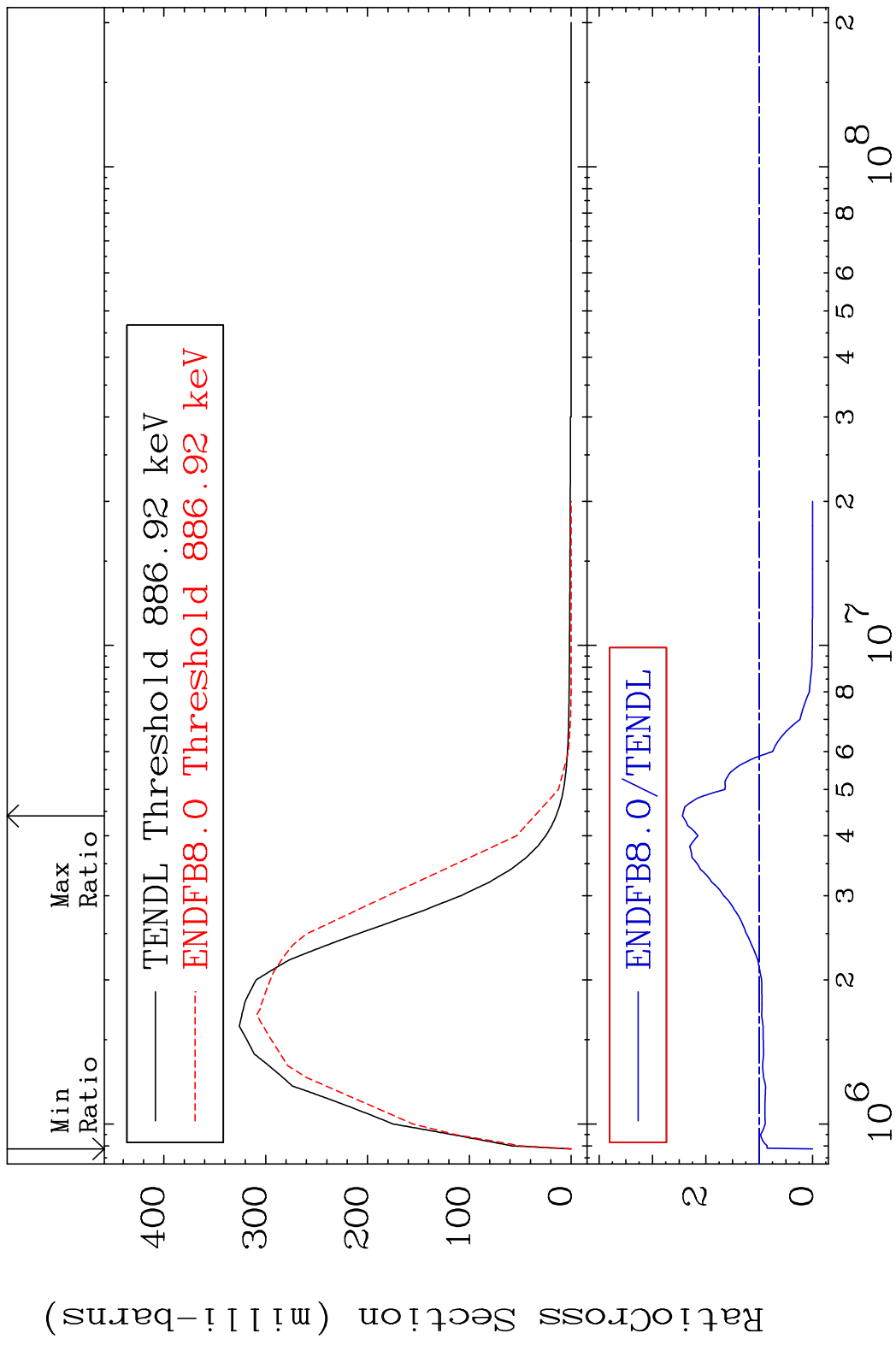
Incident Energy (eV)

54-Xe-126

MAT 5431 MT= 51 (n,n') Level 54-Xe-126
 Cross Section -100.0 To -19.26%



MAT 5431 MT= 52 (n, n') Level 54-Xe-126
 Cross Section -100.0 To 144.0 %



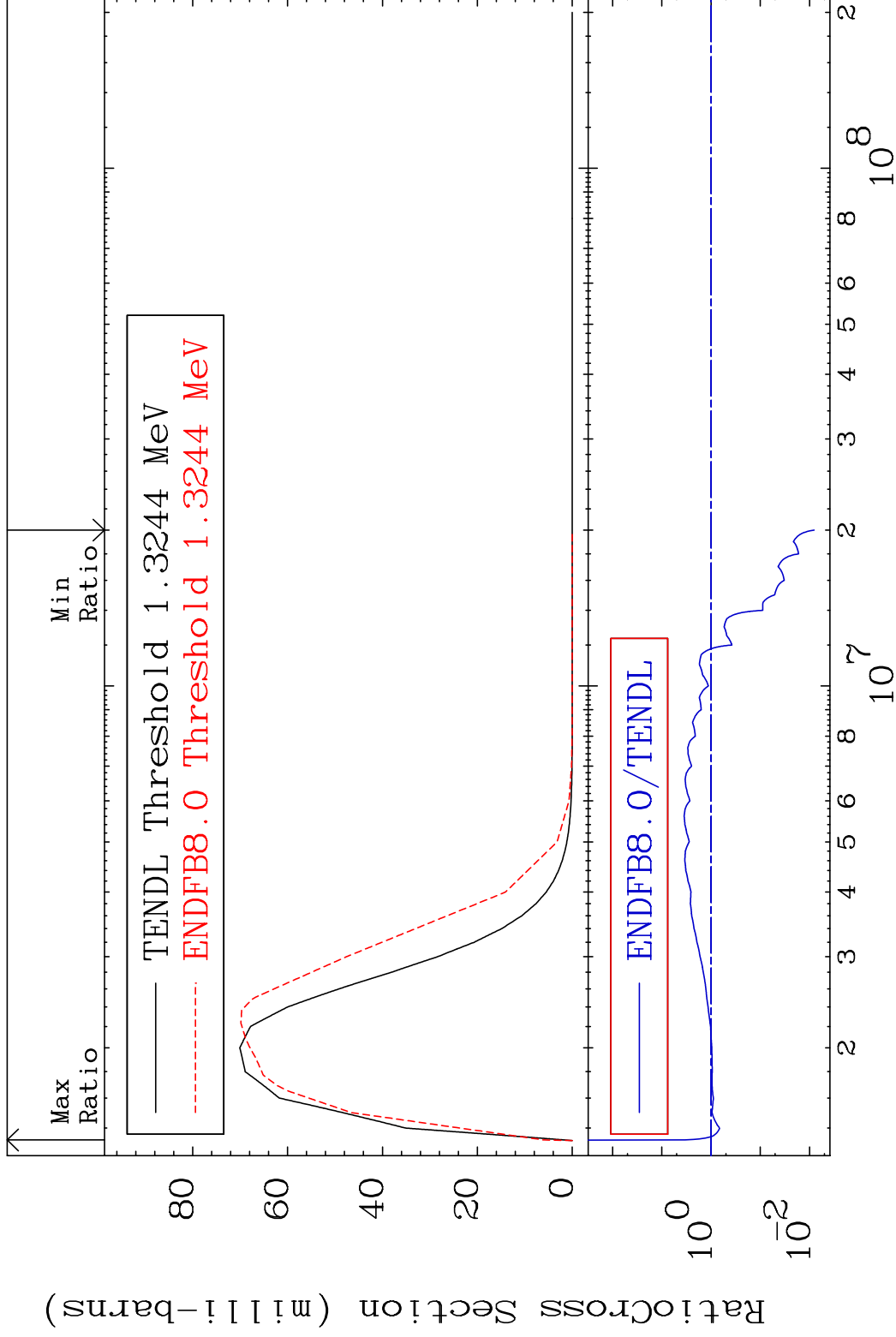
9 Incident Energy (eV) 54-Xe-126

MAT 5431

MT= 54 (n, n') Level

54-Xe-126

Cross Section -99.19 To 261.0 %



11

Incident Energy (eV)

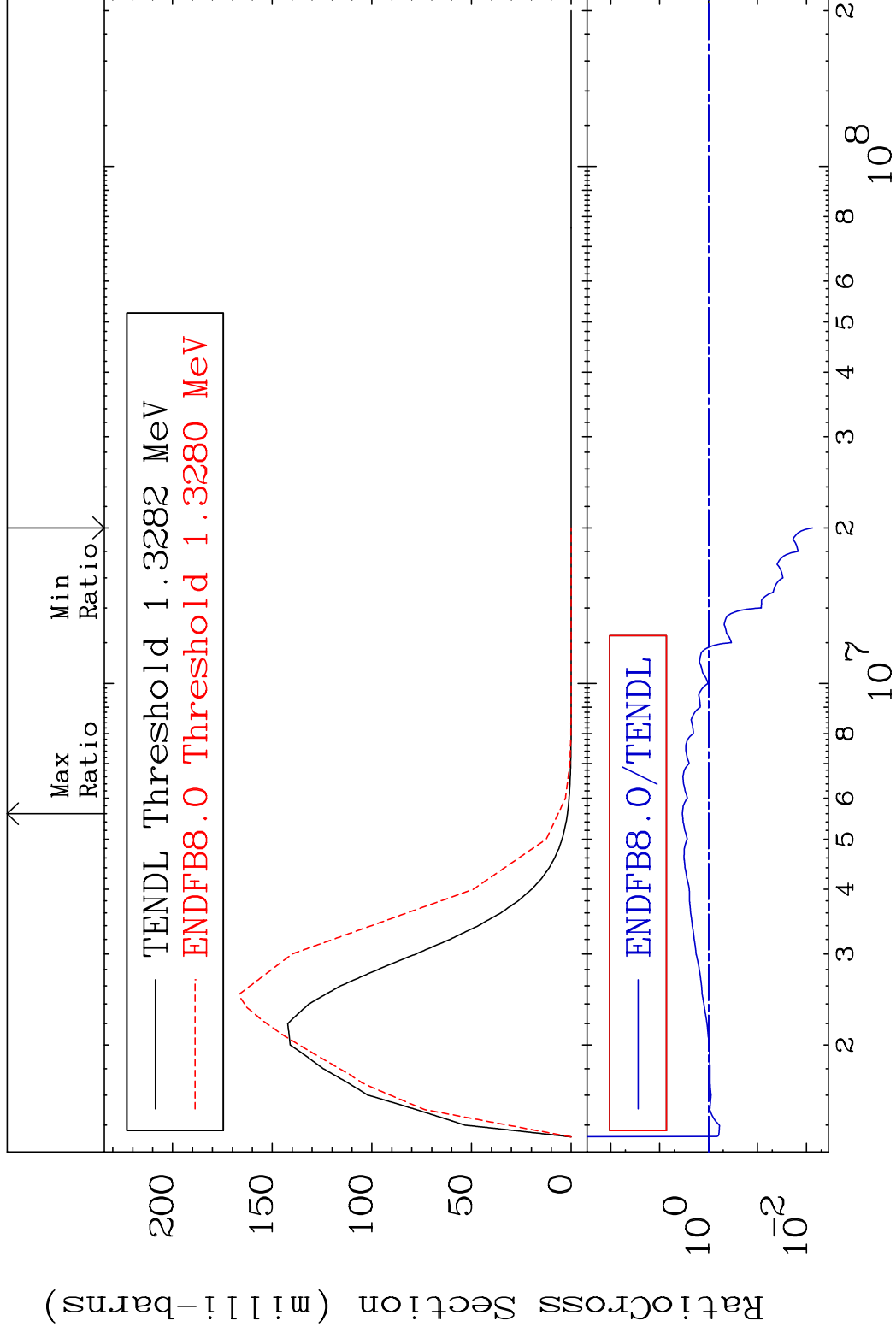
54-Xe-126

MAT 5431

MT= 55 (n, n') Level

54-Xe-126

Cross Section -99.25 To 243.6 %

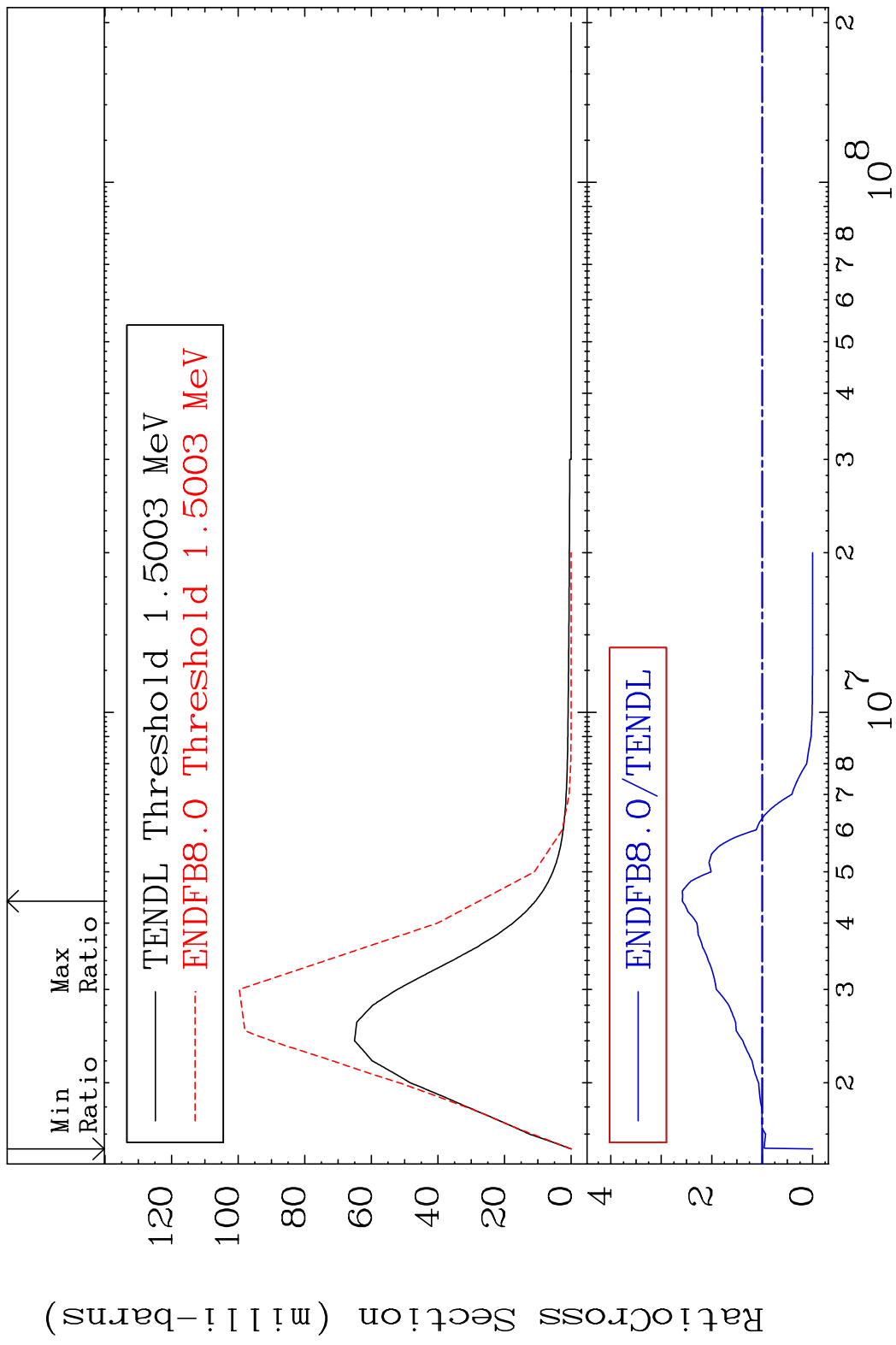


12

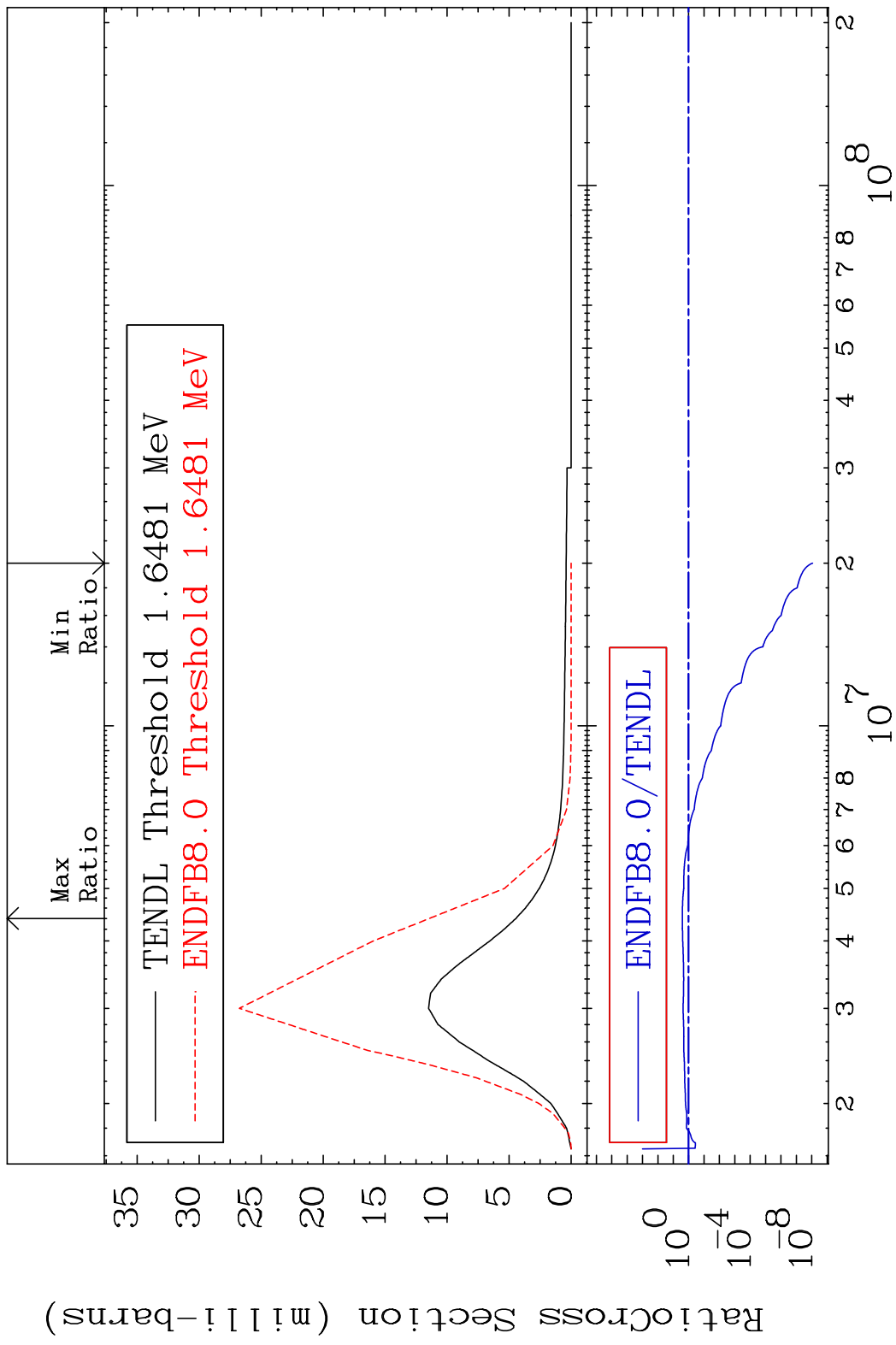
Incident Energy (eV)

54-Xe-126

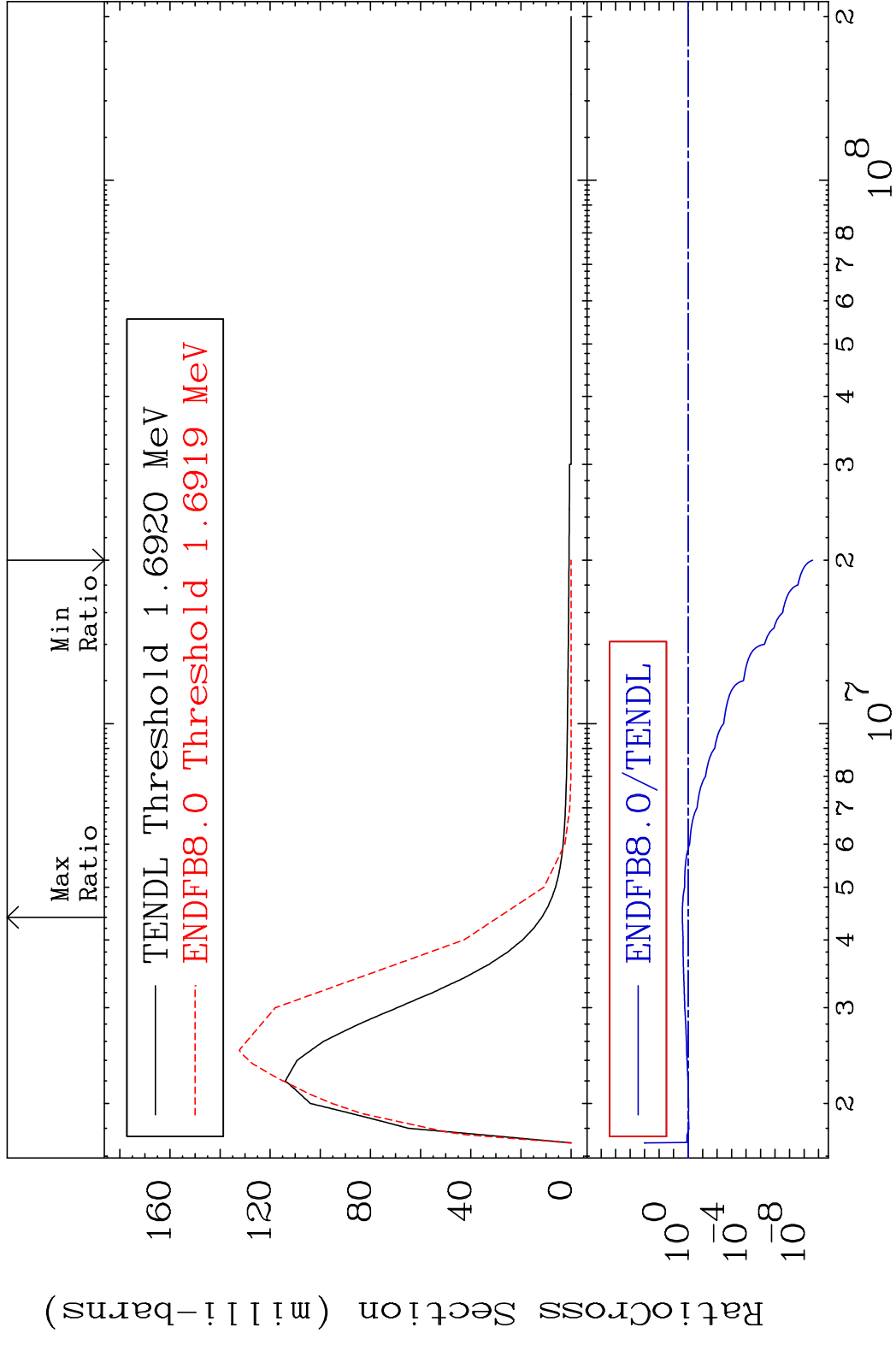
MAT 5431 MT= 56 (n,n') Level 54-Xe-126
 Cross Section -100.0 To 158.2 %



MAT 5431 MT= 57 (n, n') Level 54-Xe-126
 Cross Section -100.0 To 156.4 %



MAT 5431 MT= 58 (n, n') Level 54-Xe-126
 Cross Section -100.0 To 148.5 %

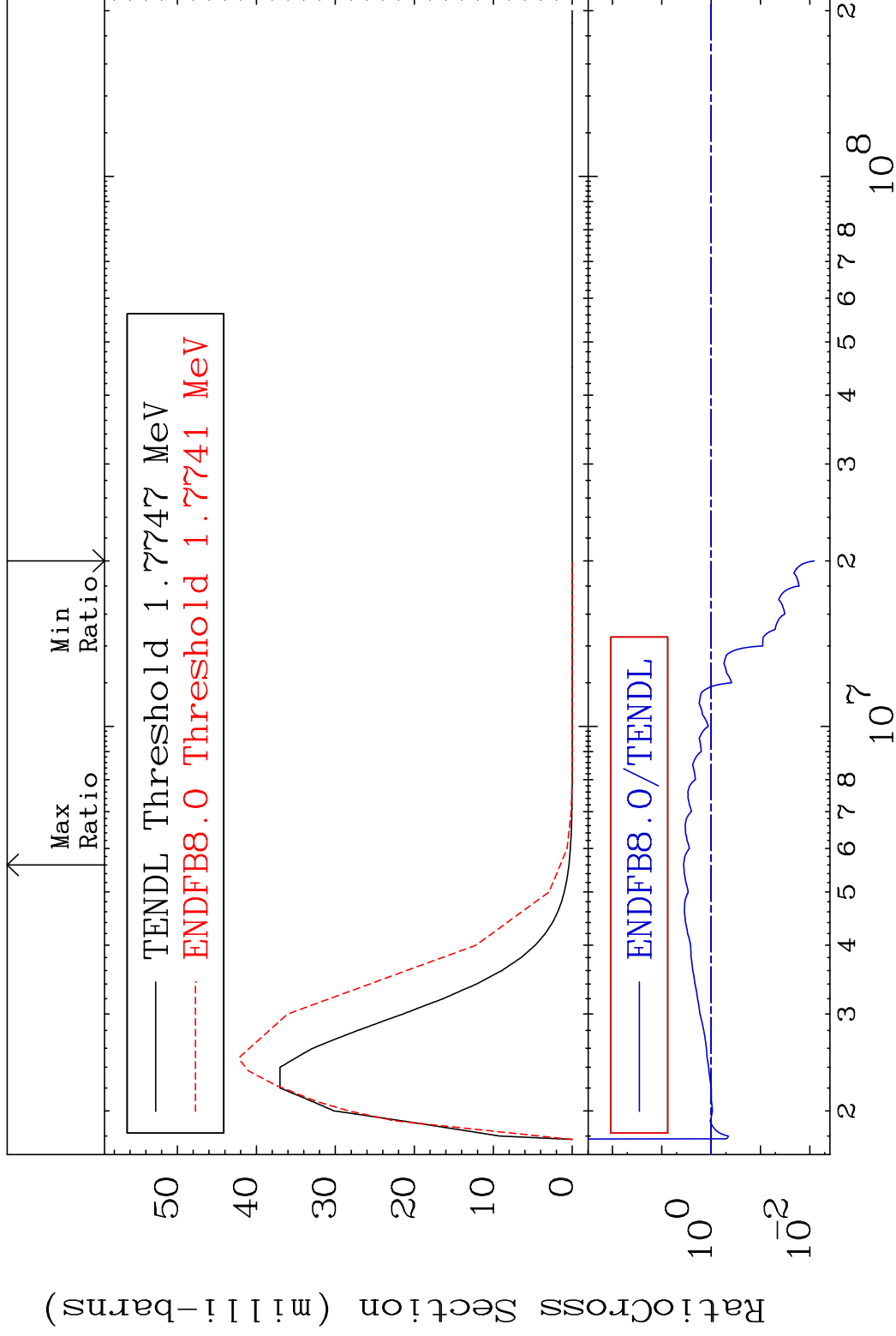


MAT 5431

MT= 59 (n, n') Level

54-Xe-126

Cross Section -99.18 To 259.7 %

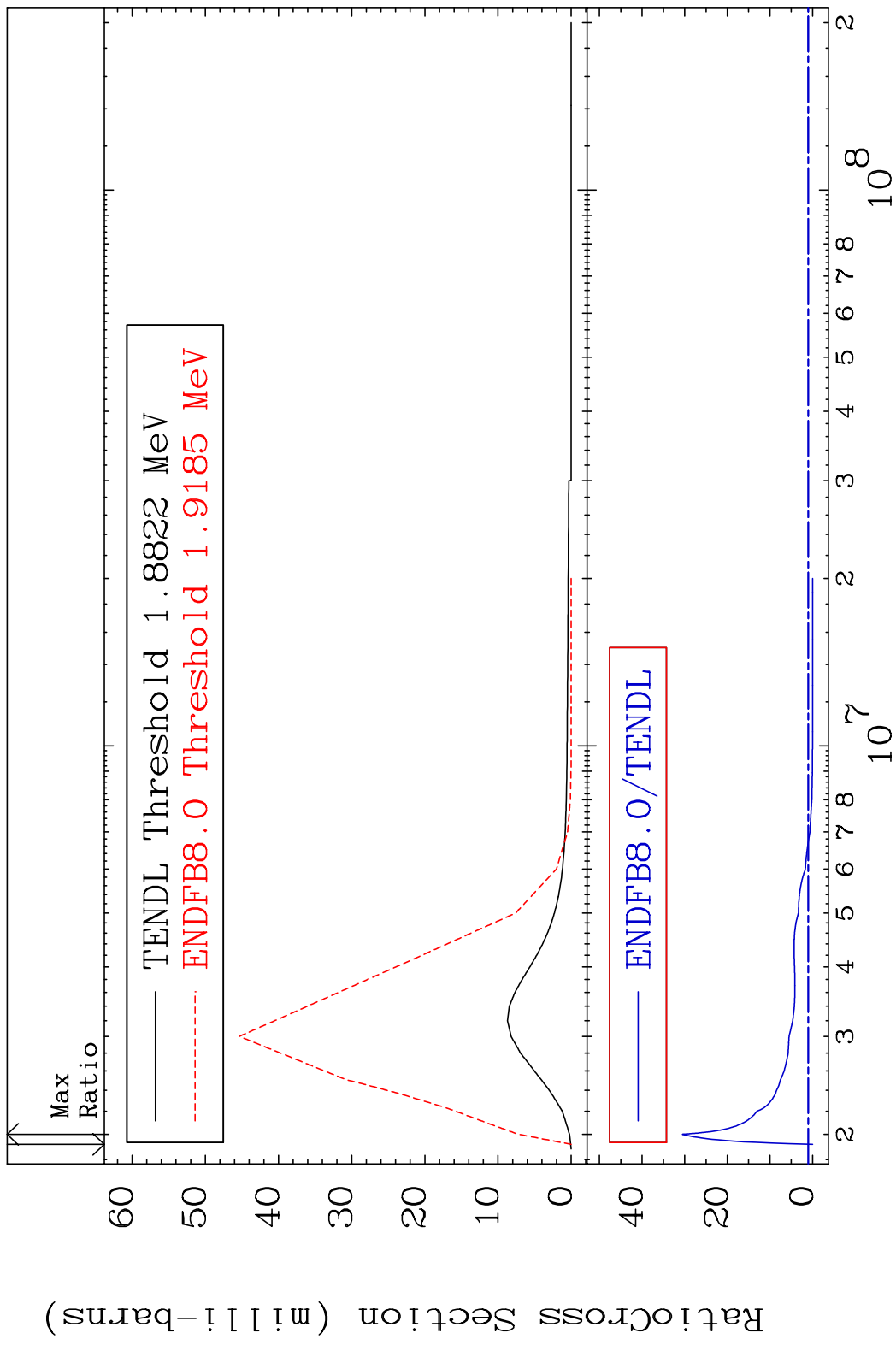


16

Incident Energy (eV)

54-Xe-126

MAT 5431 MT= 60 (n,n') Level 54-Xe-126
 Cross Section -100.0 To 2955. %

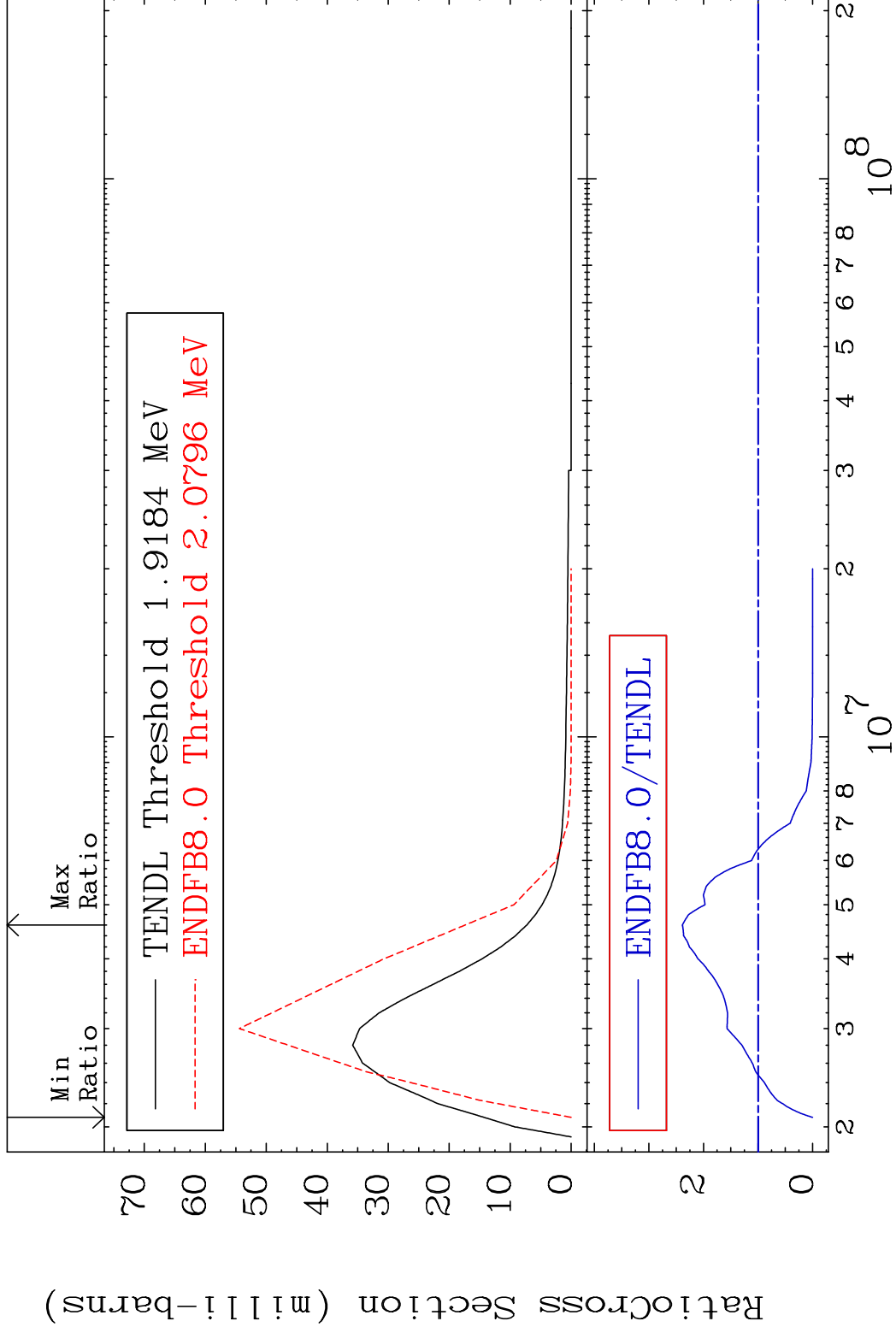


MAT 5431

MT= 61 (n, n') Level

54-Xe-126

Cross Section -100.0 To 138.8 %

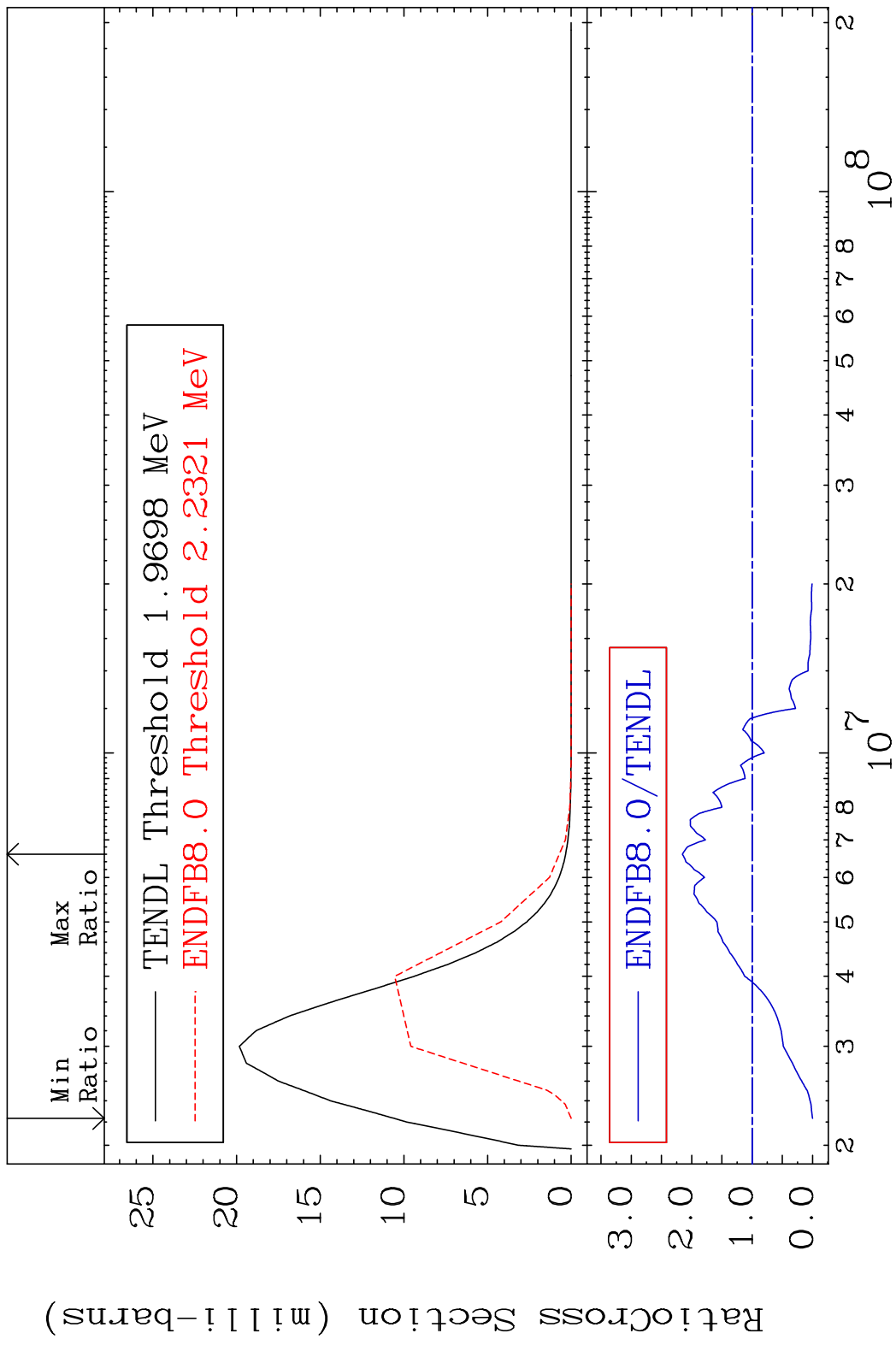


18

Incident Energy (eV)

54-Xe-126

MAT 5431 MT= 62 (n,n') Level 54-Xe-126
 Cross Section -100.0 To 115.5 %

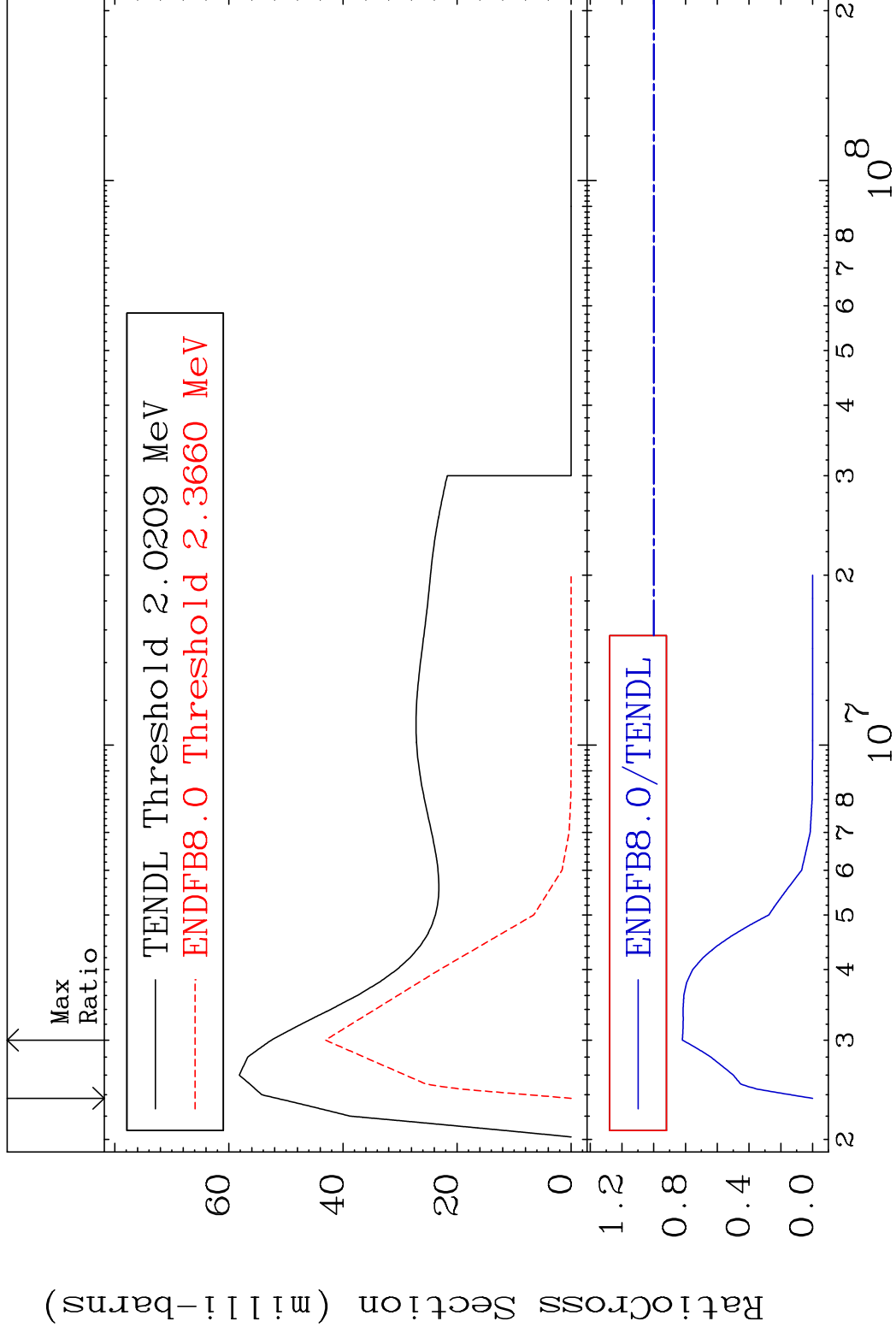


MAT 5431

MT= 63 (n, n') Level

54-Xe-126

Cross Section -100.0 To -18.01%

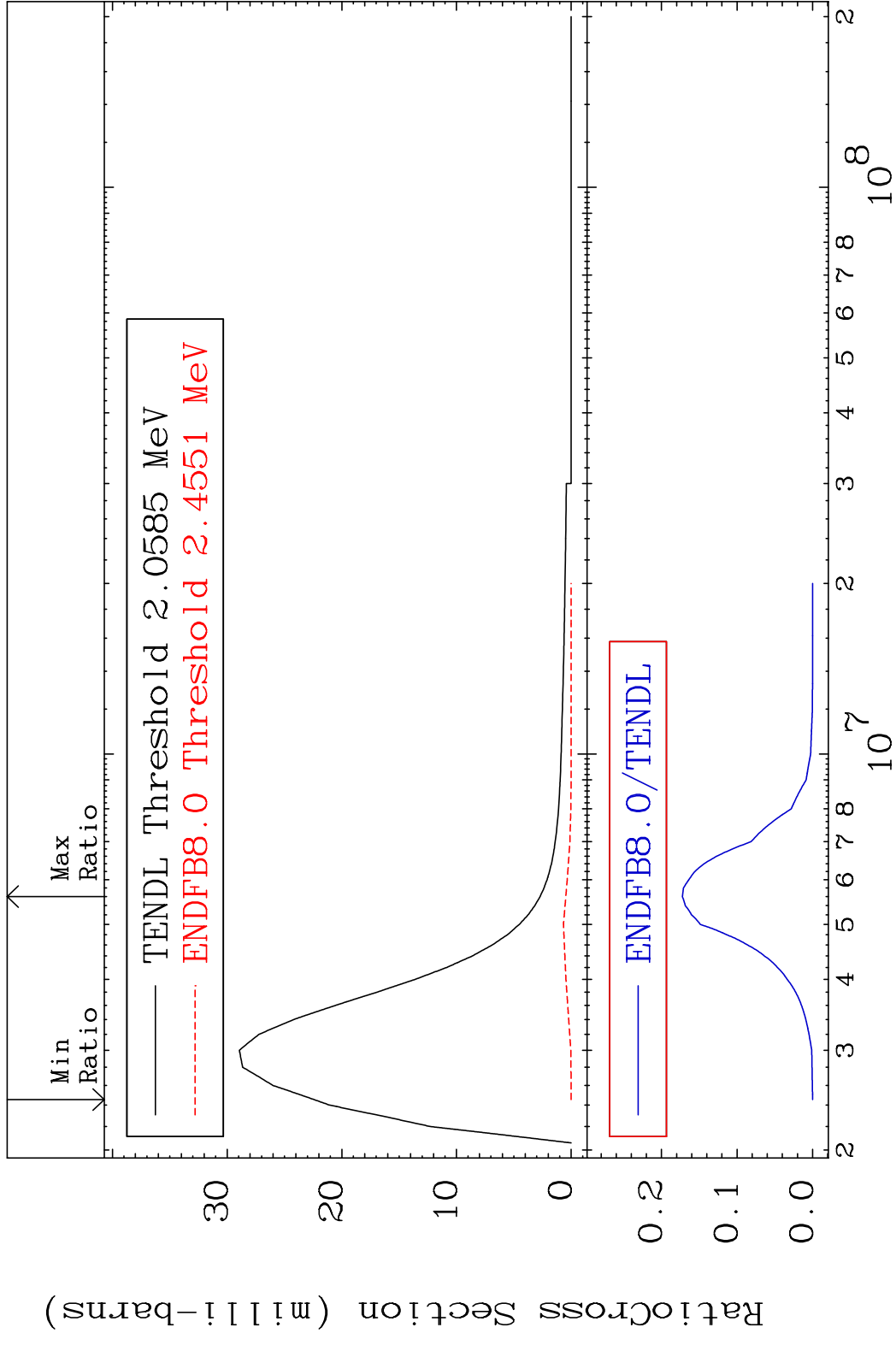


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Incident Energy (eV)

54-Xe-126

MAT 5431 MT= 64 (n,n') Level 54-Xe-126
 Cross Section -100.0 To -82.76%

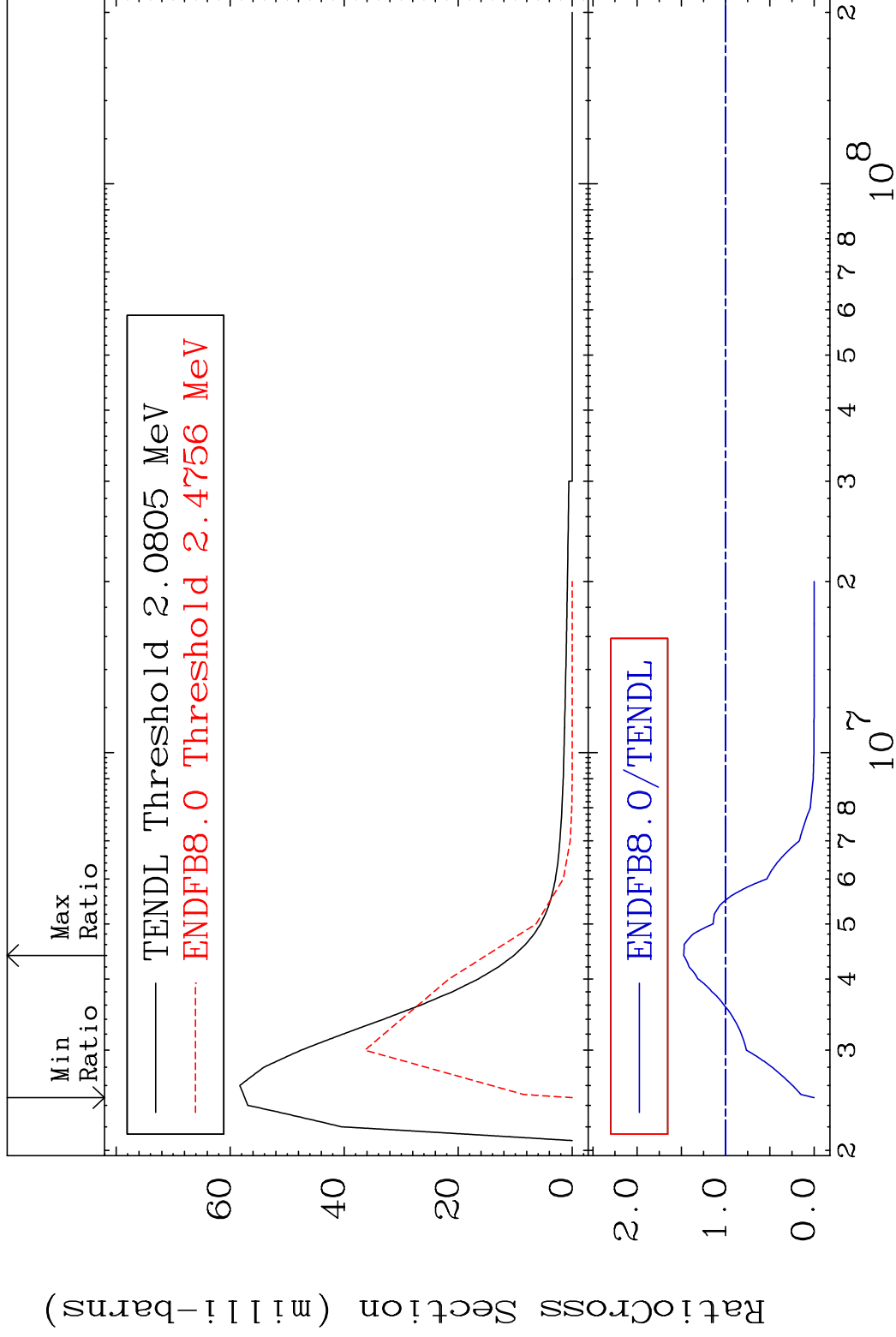


MAT 5431

MT= 65 (n,n') Level

54-Xe-126

Cross Section -100.0 To 47.41 %



22

Incident Energy (eV)

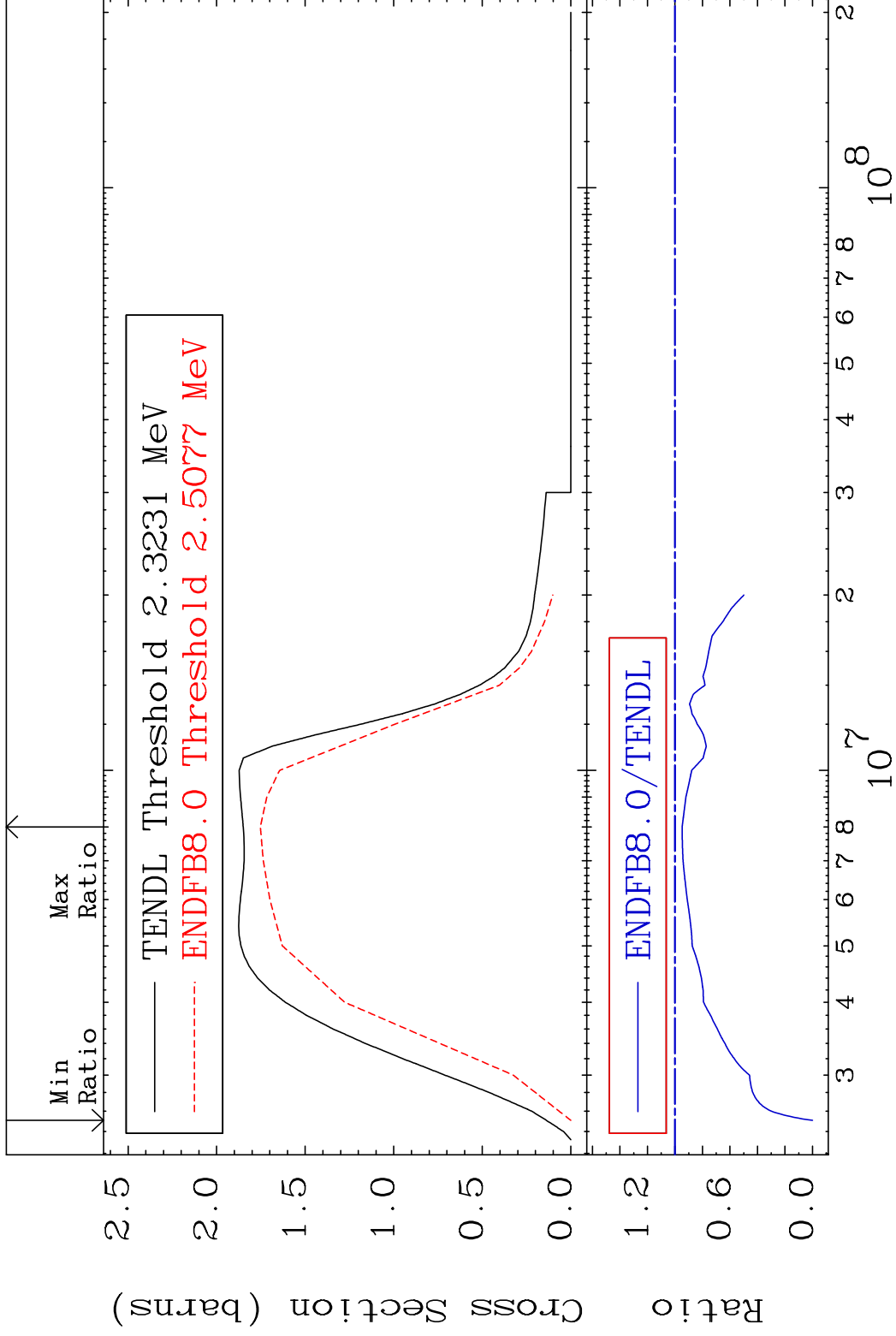
54-Xe-126

MAT 5431

(n, n') Continuum

54-Xe-126

Cross Section -100.0 To -5.226%



23

Incident Energy (eV)

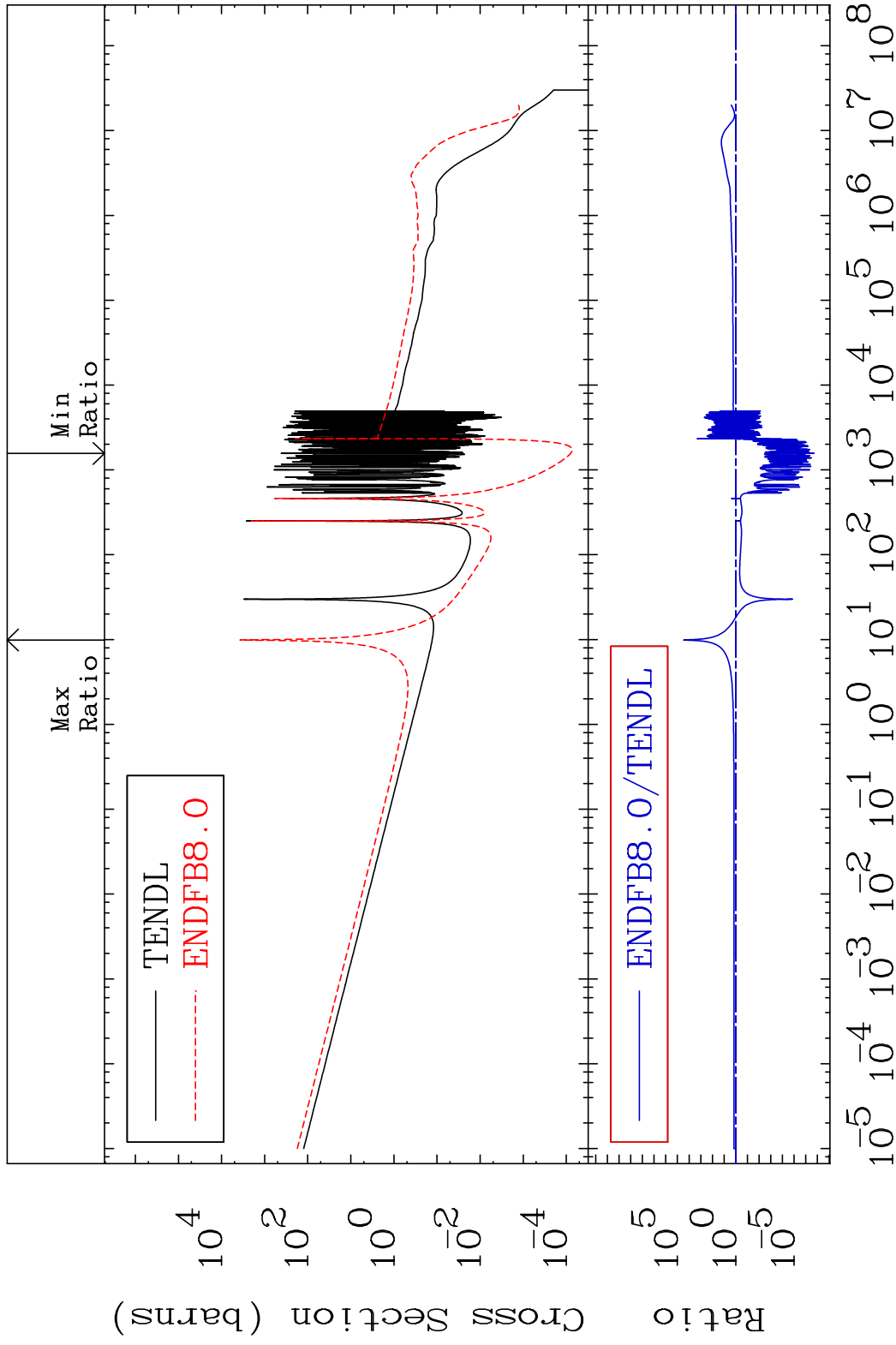
54-Xe-126

MAT 5431

(n, γ)

54-Xe-126

Cross Section -100.0 To 9999. %



24

Incident Energy (eV)

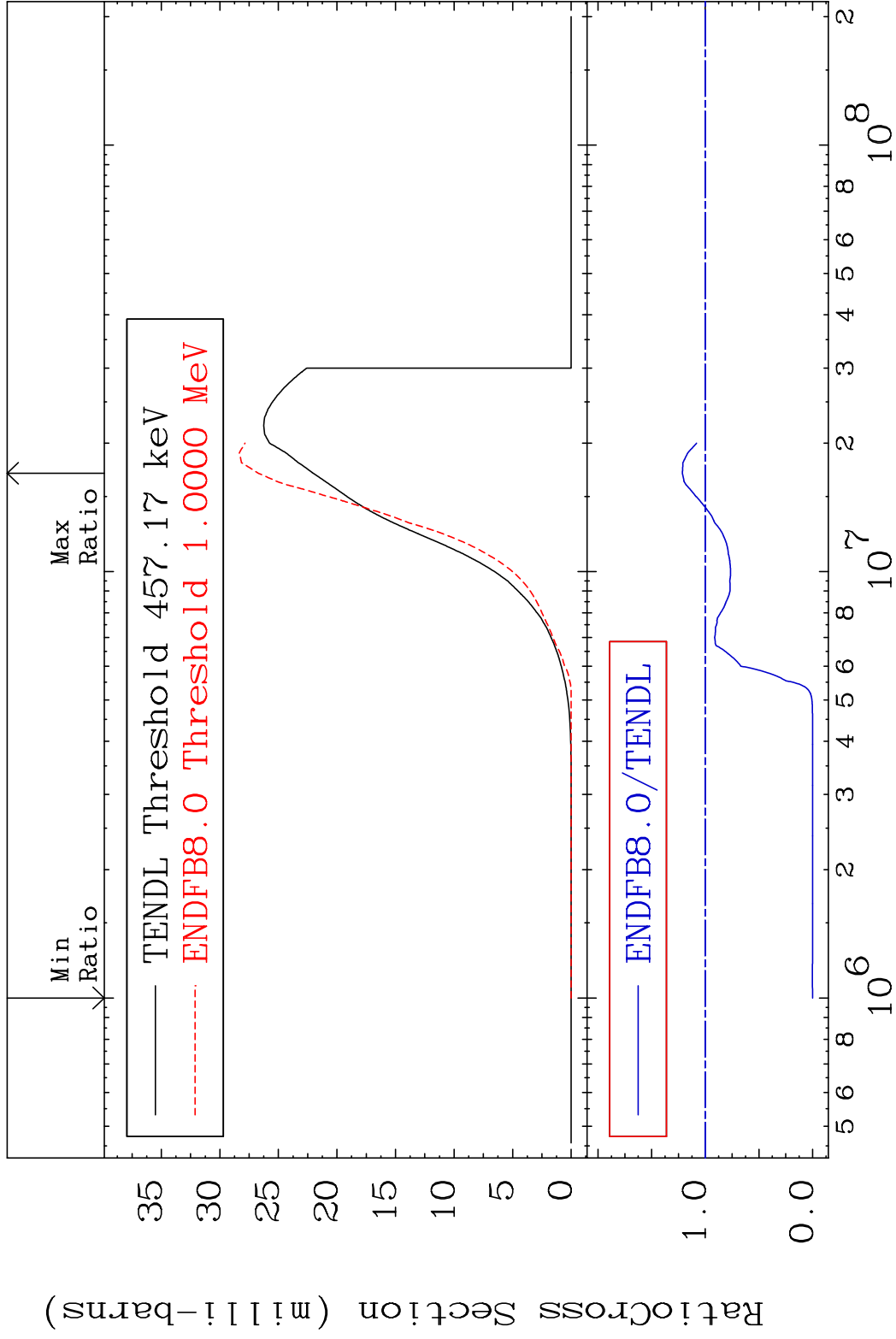
54-Xe-126

MAT 5431

(n, p)

54-Xe-126

Cross Section -100.0 To 21.36 %



25

Incident Energy (eV)

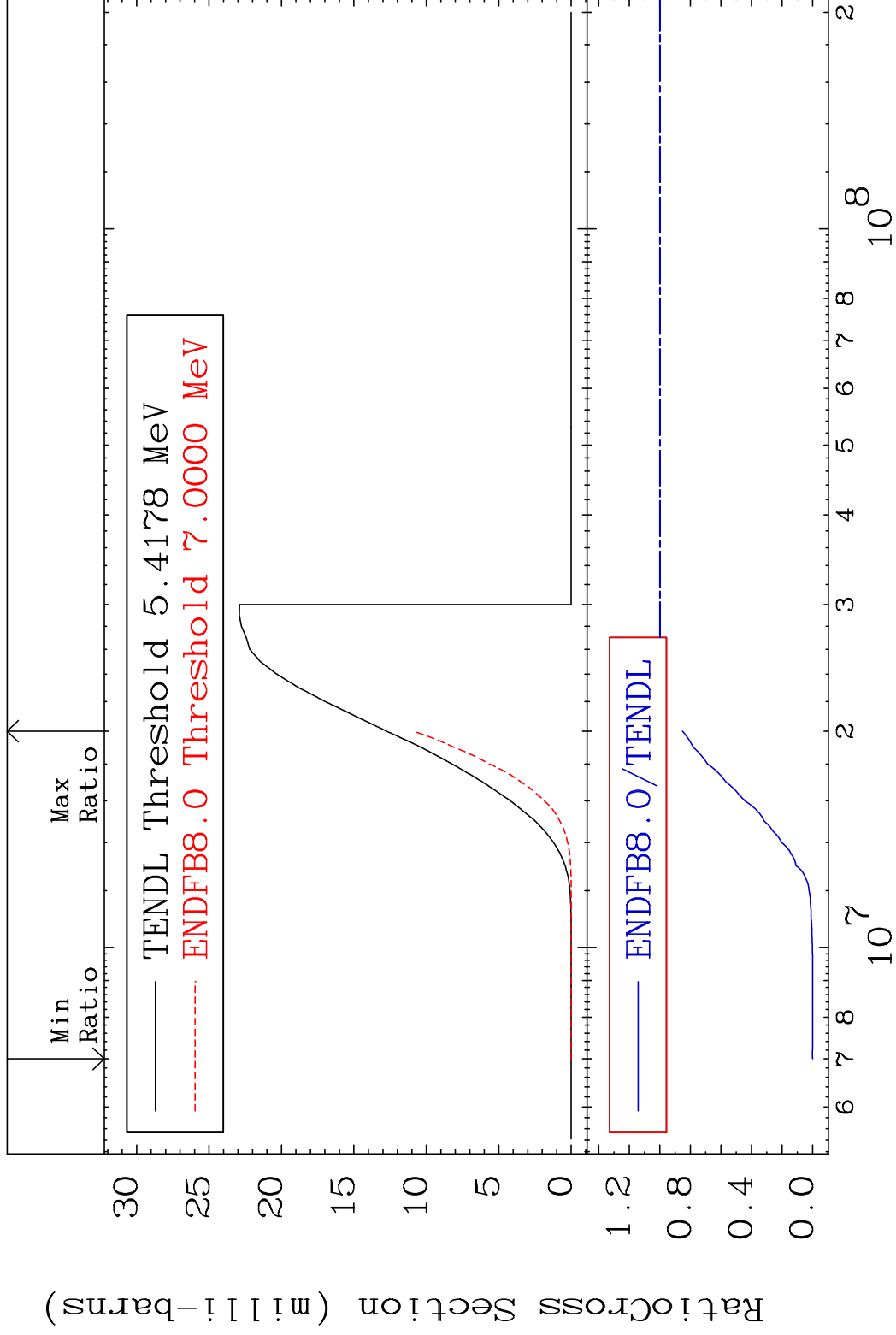
54-Xe-126

MAT 5431

(n, d)

54-Xe-126

Cross Section -100.0 To -14.76%



26

Incident Energy (eV)

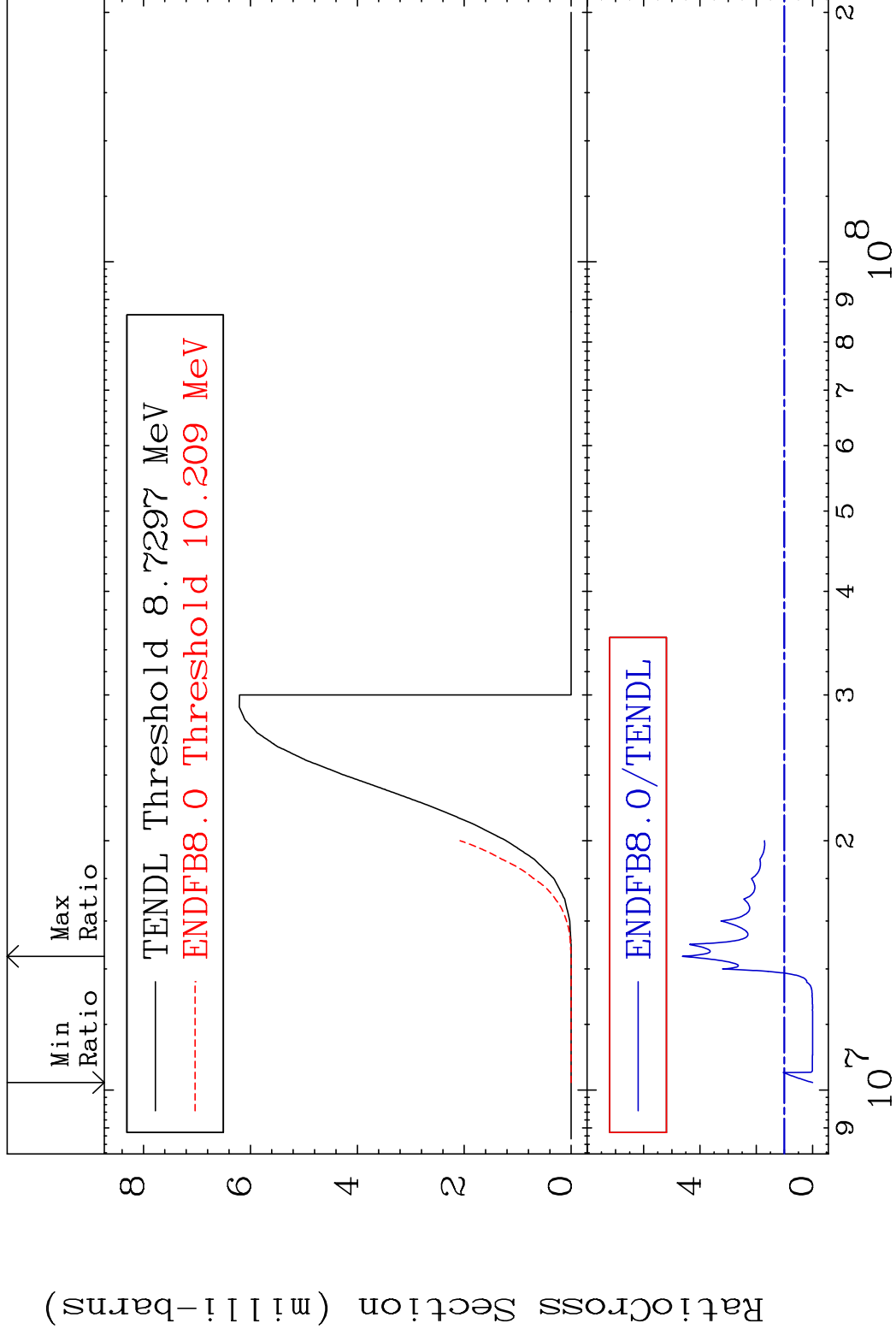
54-Xe-126

MAT 5431

(n, t)

54-Xe-126

Cross Section -100.0 To 362.6 %



27

Incident Energy (eV)

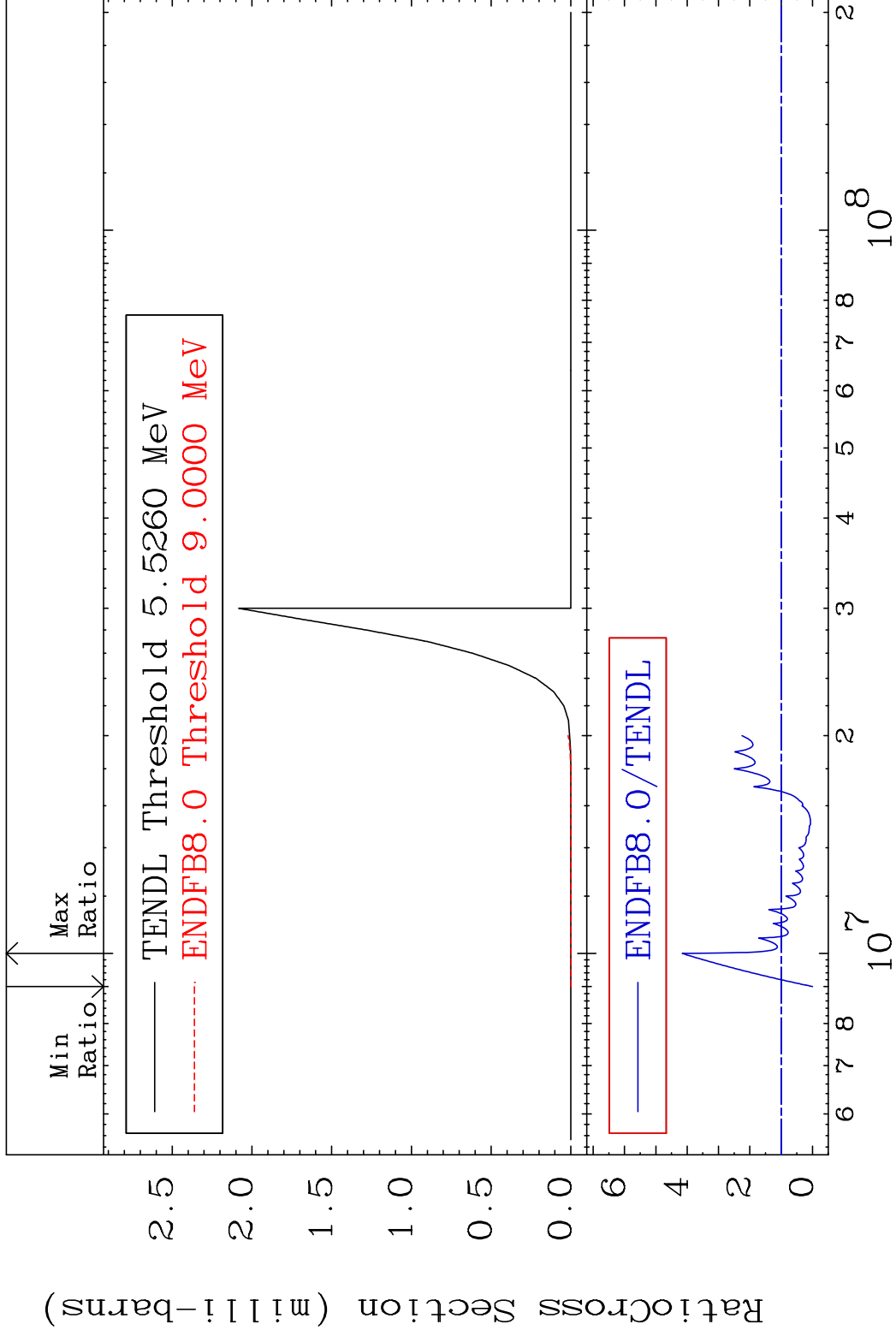
54-Xe-126

MAT 5431

(n, He-3)

54-Xe-126

Cross Section -100.0 To 316.0 %



28

Incident Energy (eV)

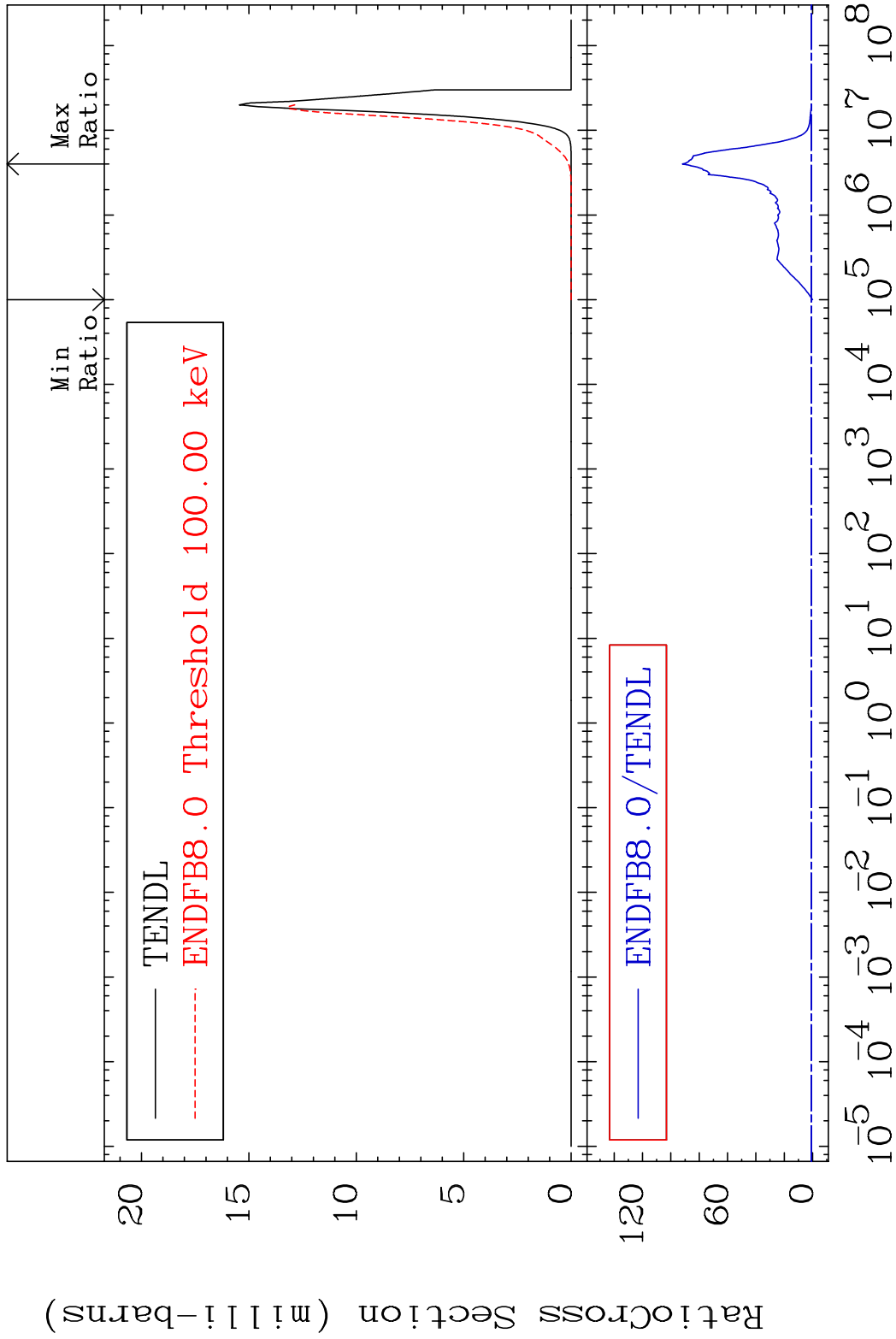
54-Xe-126

MAT 5431

(n, α)

54-Xe-126

Cross Section -100.0 To 9089. %



29

Incident Energy (eV)

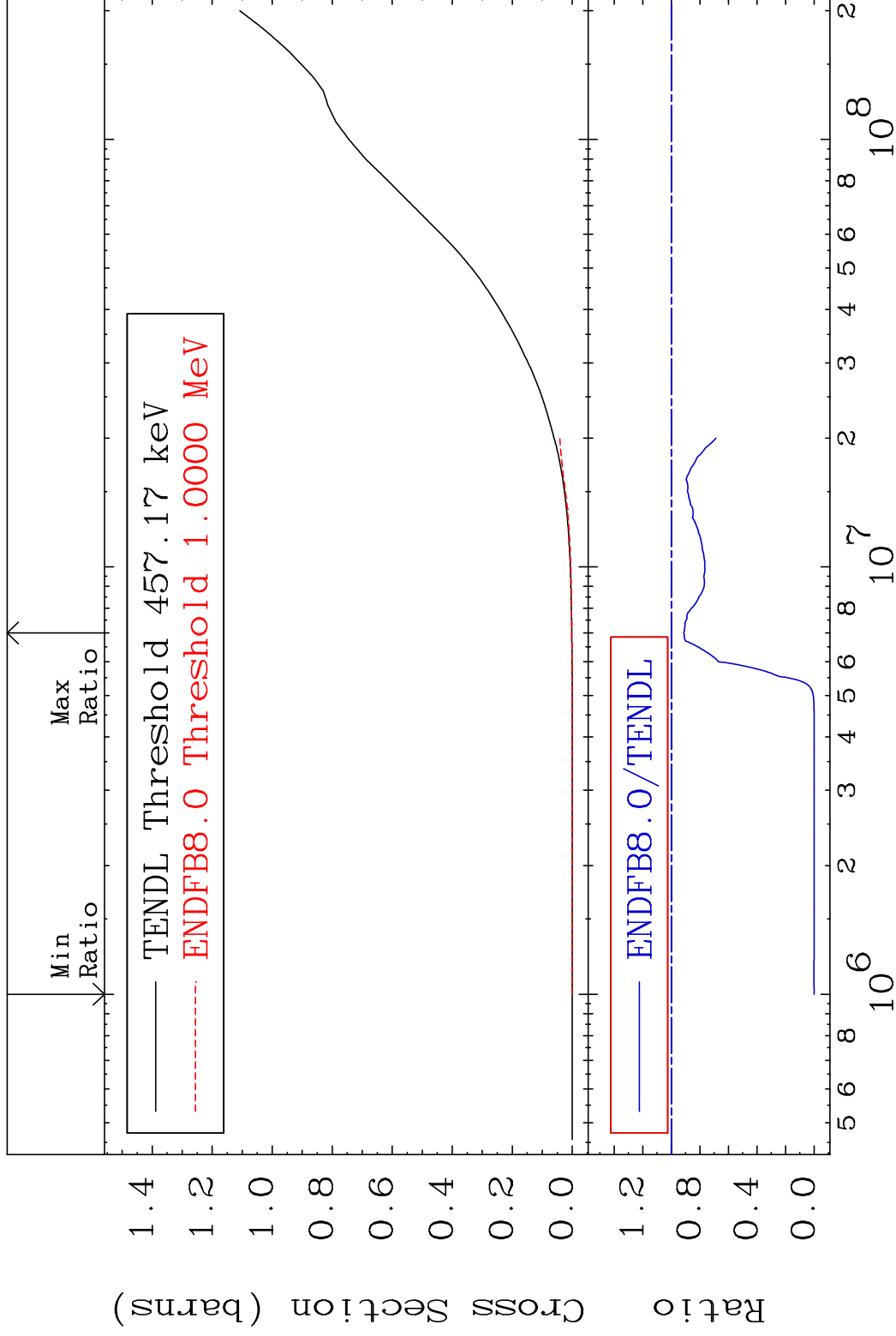
54-Xe-126

MAT 5431

Hydrogen Production

54-Xe-126

Cross Section -100.0 To -8.674%



30

Incident Energy (eV)

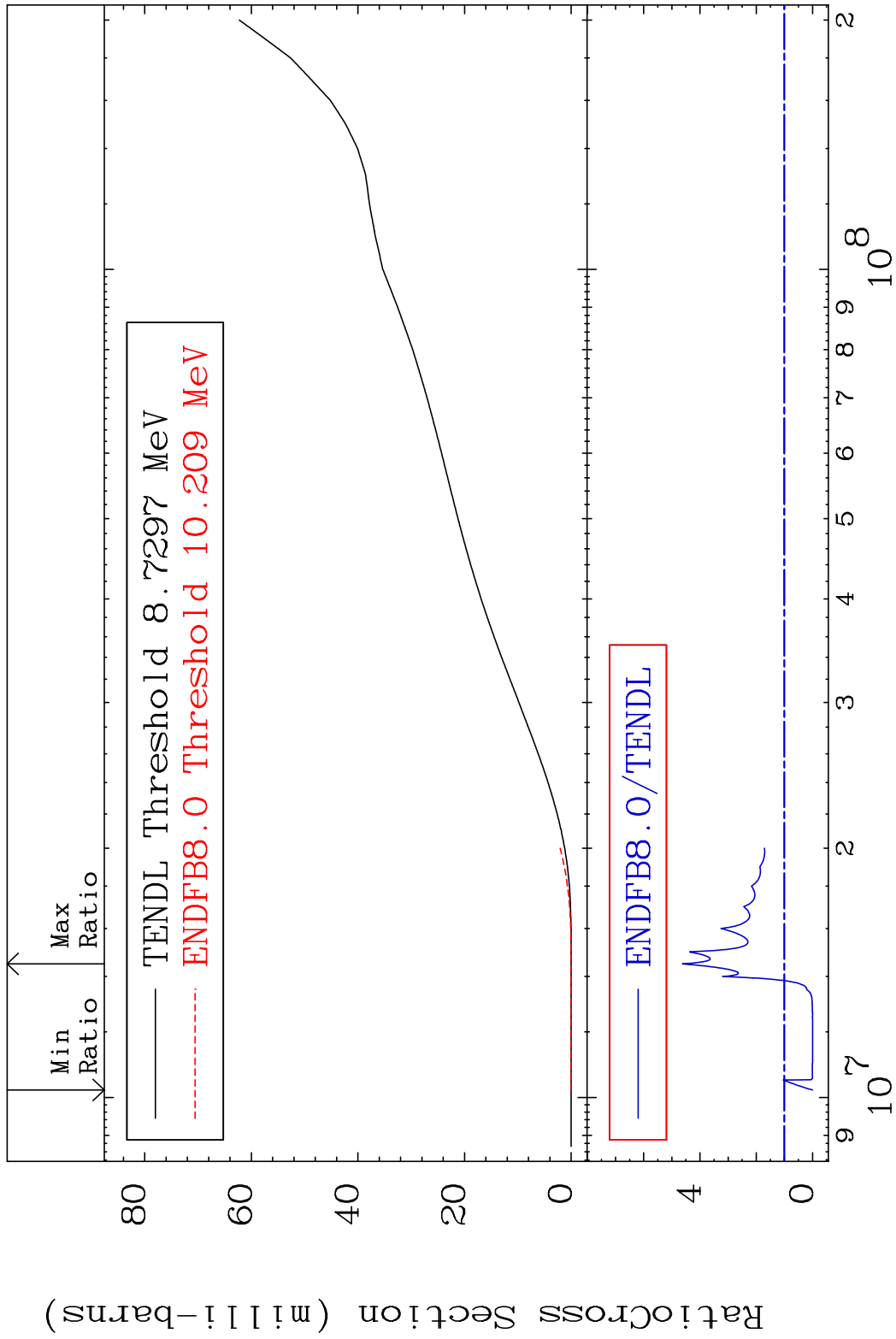
54-Xe-126

MAT 5431

Tritium Production

54-Xe-126

Cross Section -100.0 To 362.6 %



32

Incident Energy (eV)

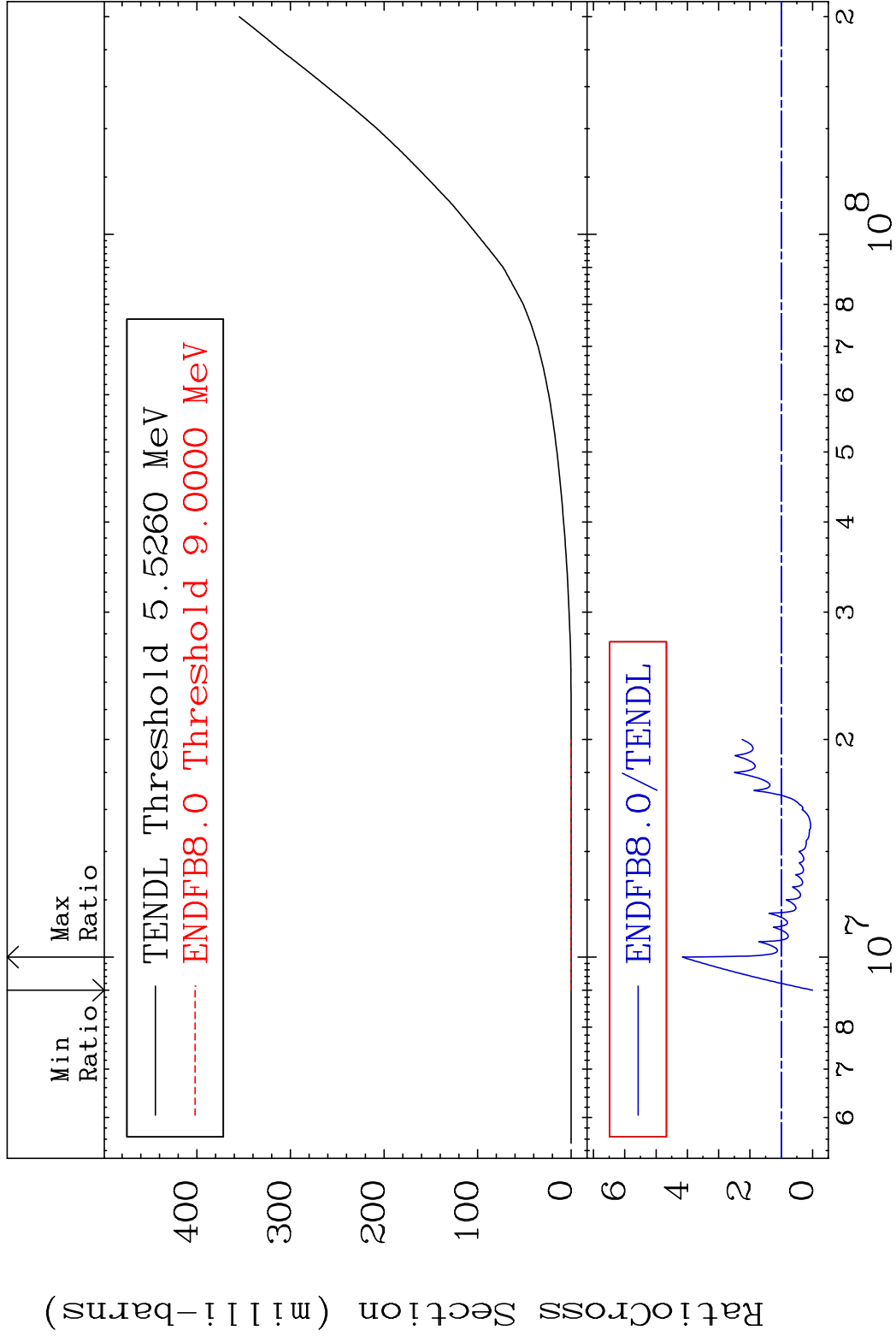
54-Xe-126

MAT 5431

He-3 Production

54-Xe-126

Cross Section -100.0 To 316.0 %

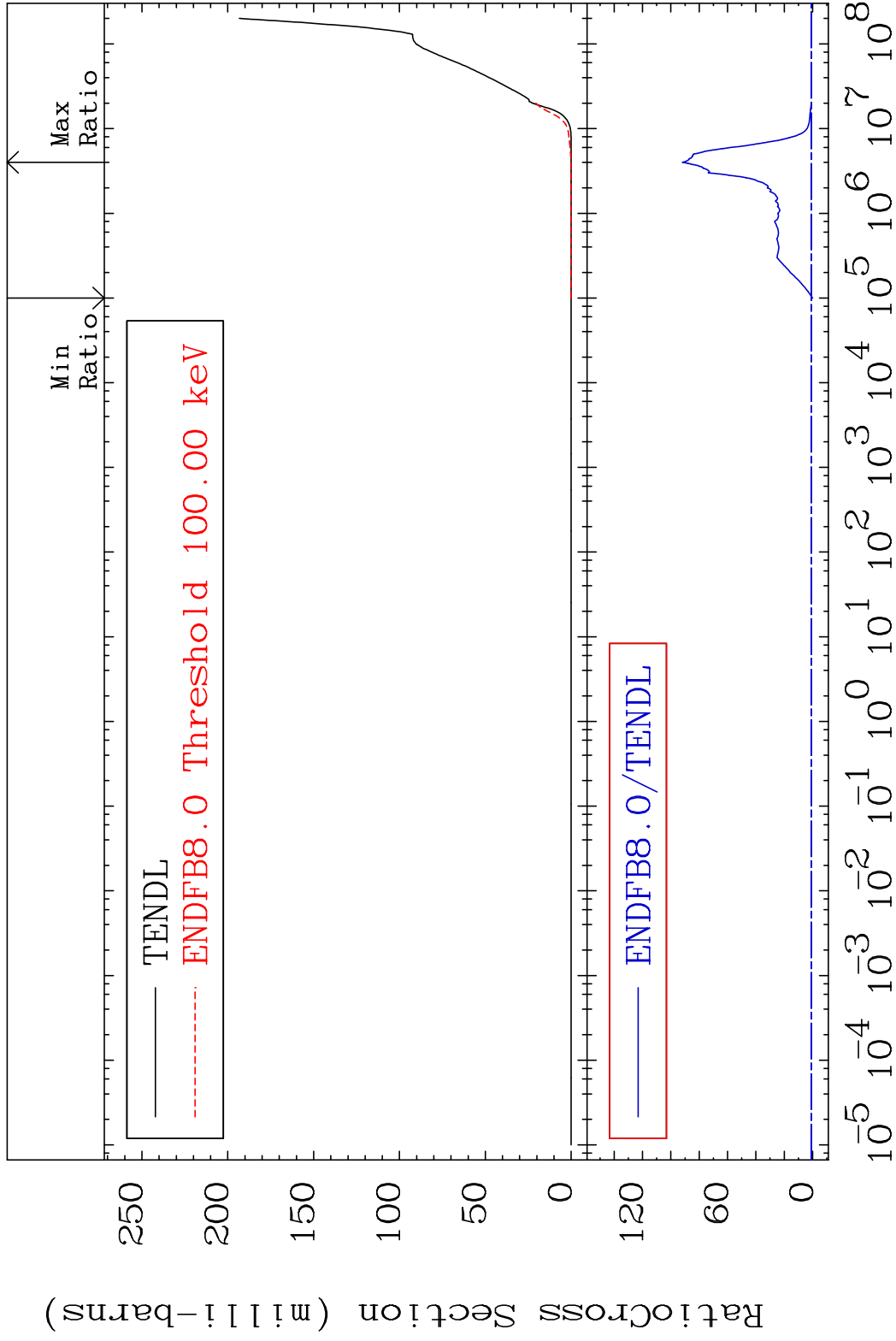


MAT 5431

He-4 Production

54-Xe-126

Cross Section -100.0 To 9089. %

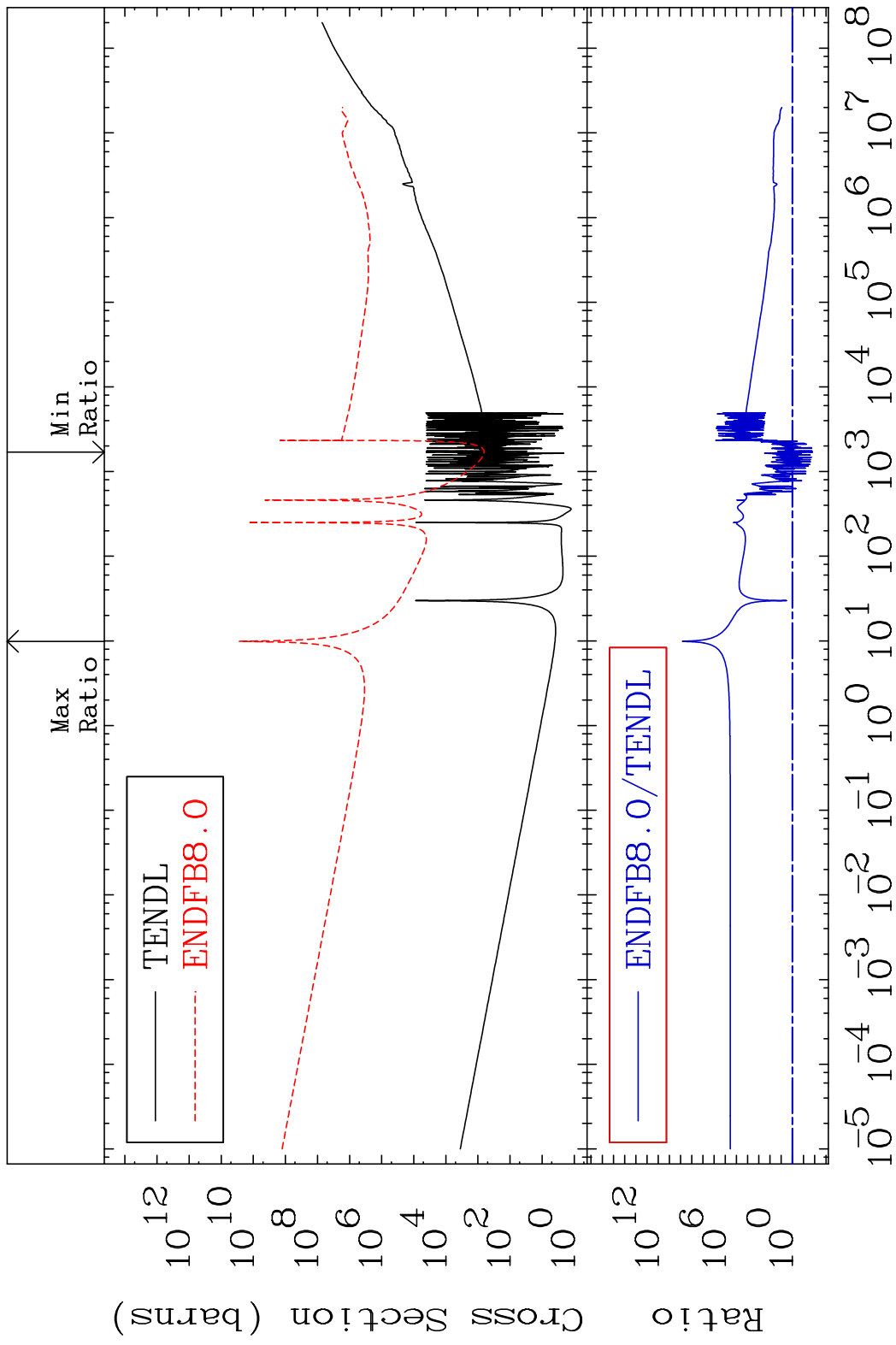


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Incident Energy (eV)

54-Xe-126

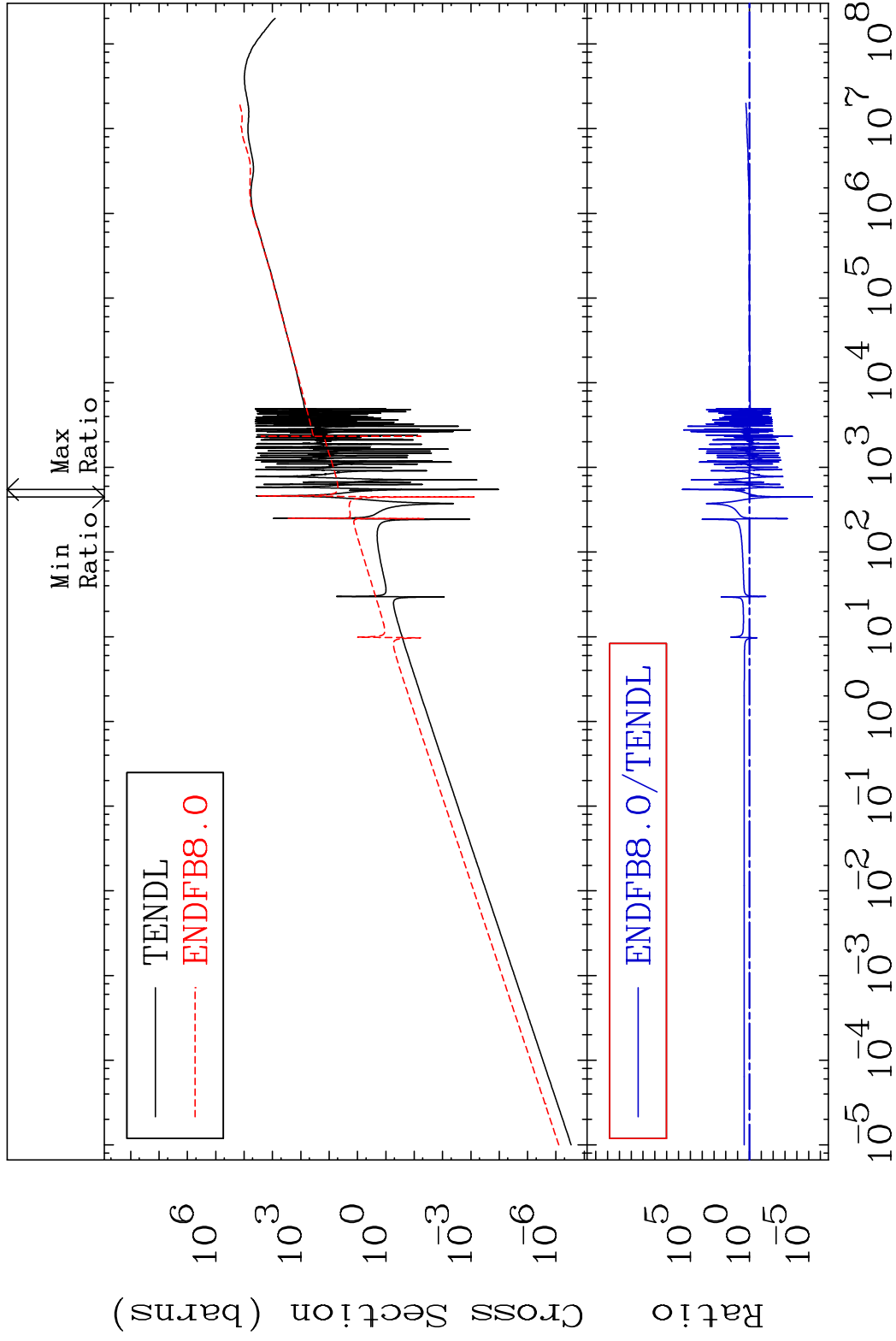
MAT 5431 Kerma total (eV-barns) 54-Xe-126
 Cross Section -98.42 To 9999. %



MAT 5431

Kerma elastic
Cross Section -100.0 To 9999. %

54-Xe-126

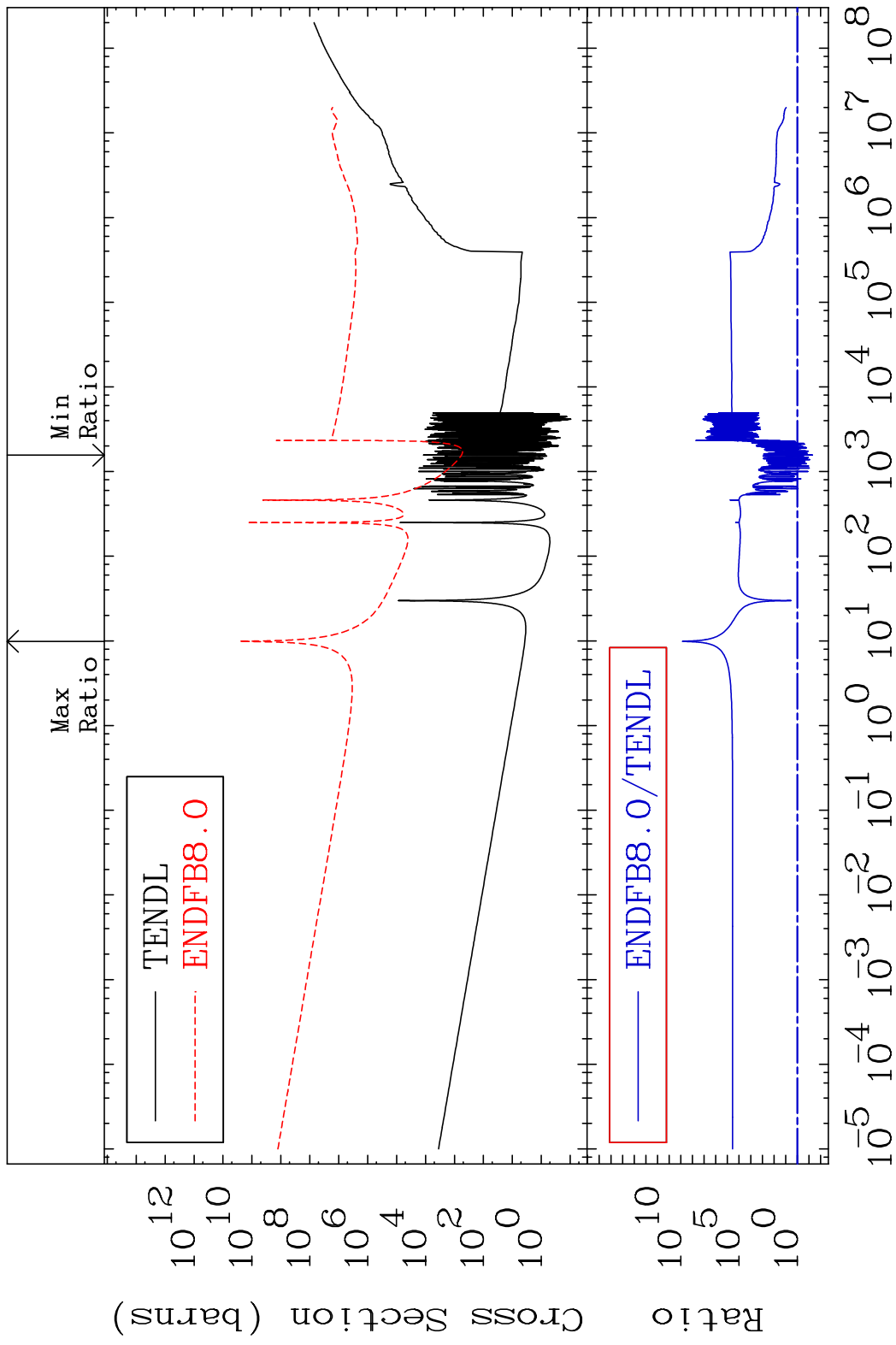


36

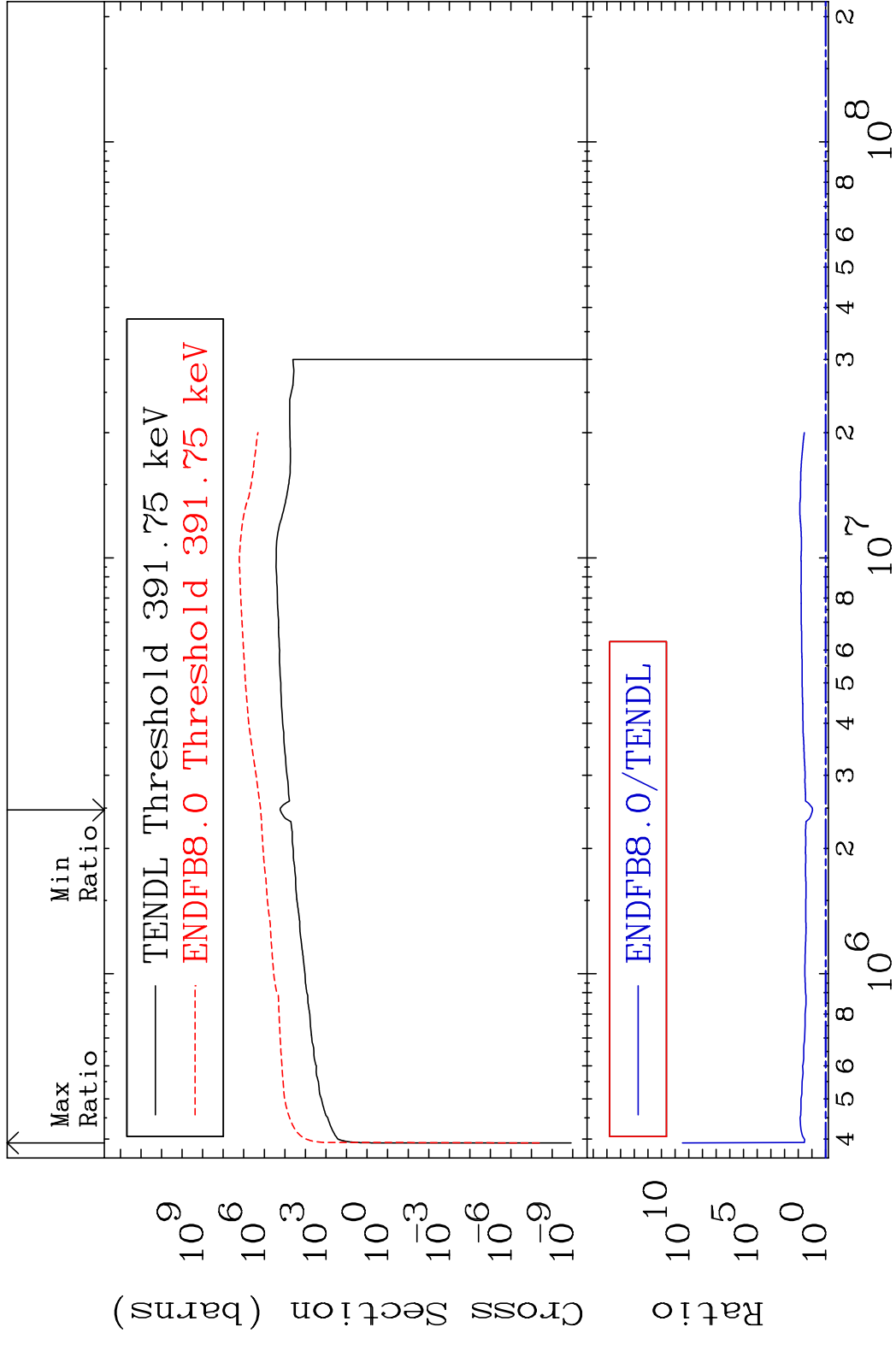
Incident Energy (eV)

54-Xe-126

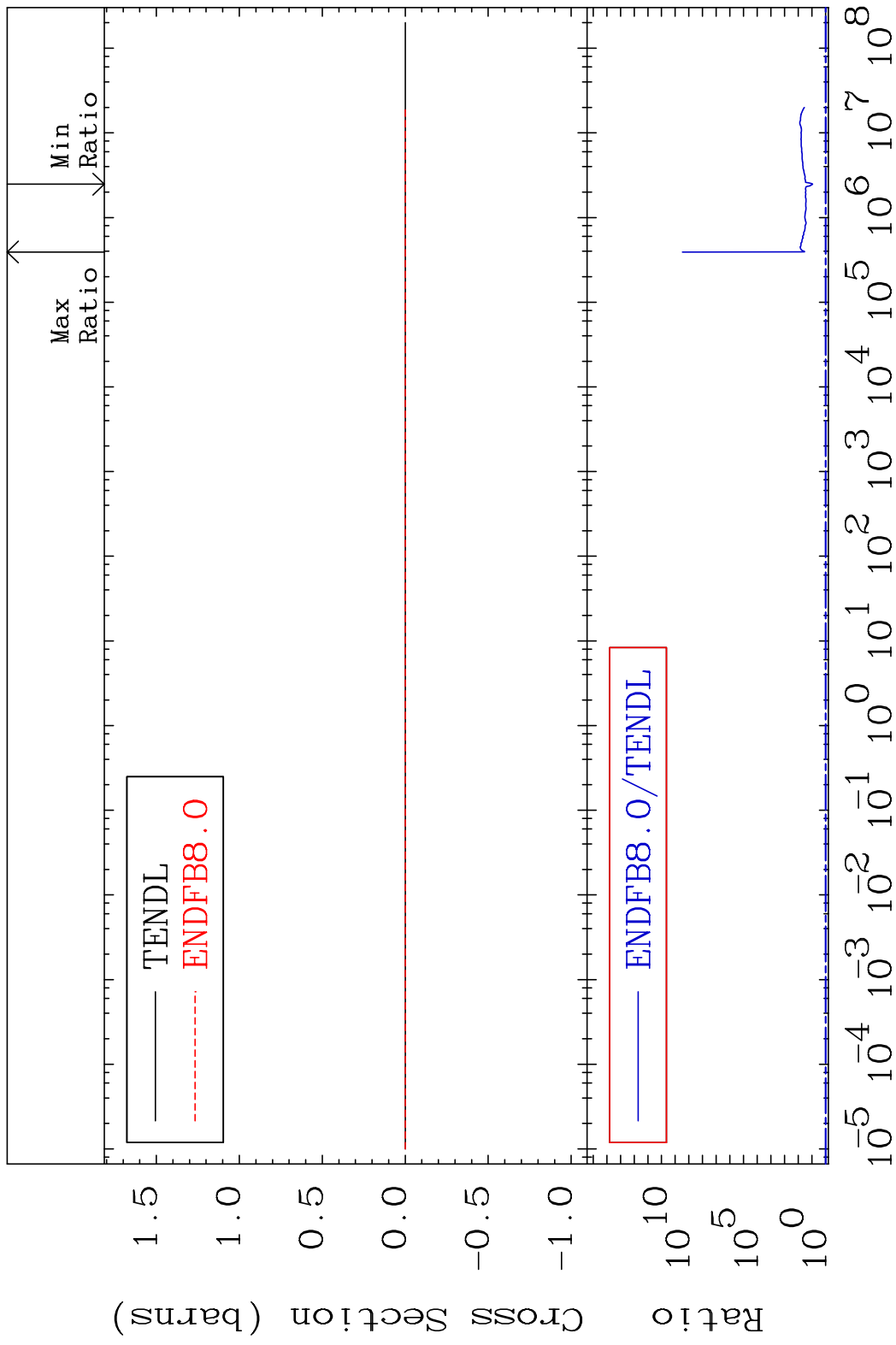
MAT 5431 Kerma non-elastic (all but mt2) 54-Xe-126
 Cross Section -95.09 To 9999. %



MAT 5431 Kerma inelastic (mt51-91) 54-Xe-126
 Cross Section 792.2 To 9999. %



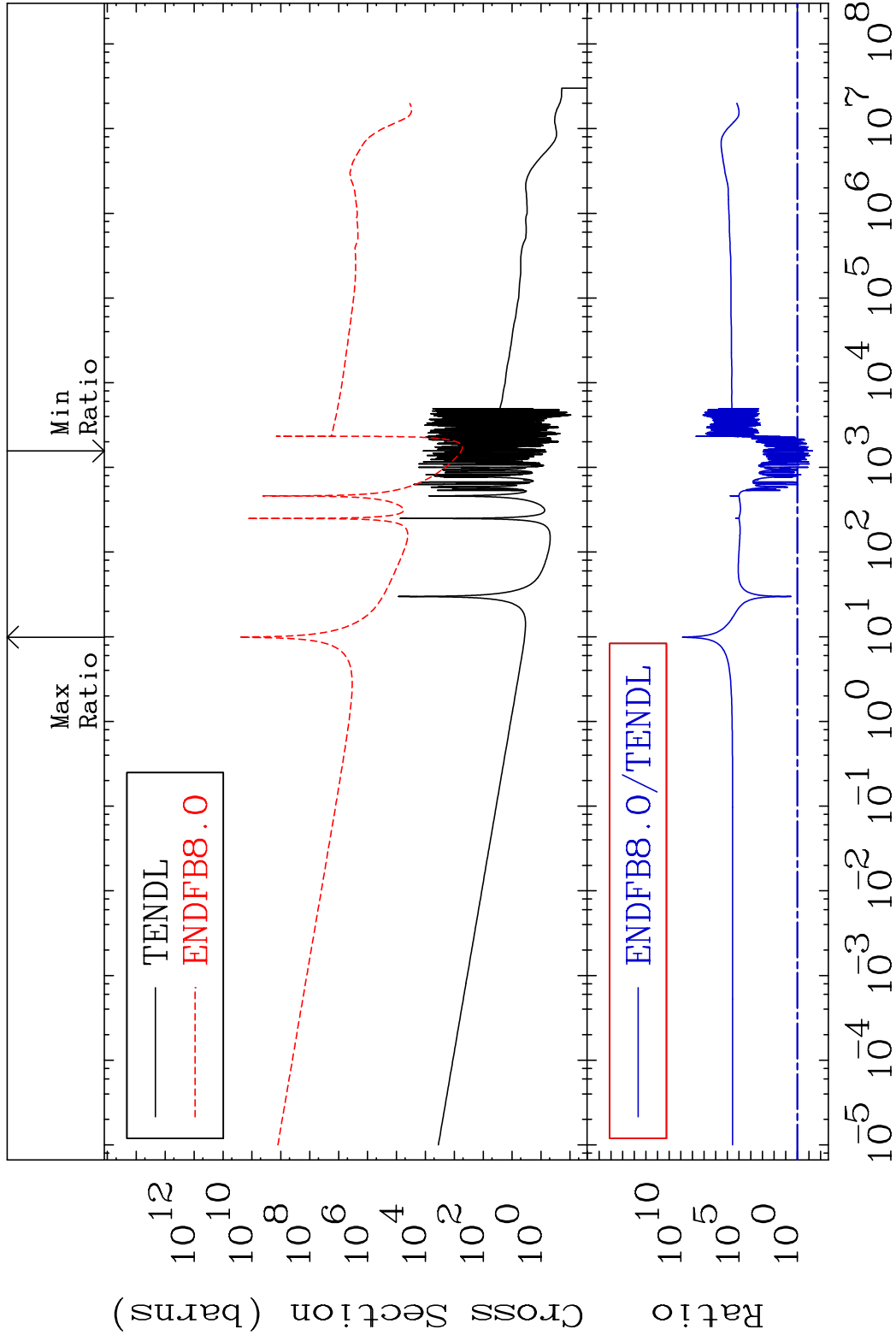
MAT 5431 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-126
 Cross Section 792.2 To 9999. %



MAT 5431

Kerma capture (mt102) 54-Xe-126

Cross Section -95.09 To 9999. %

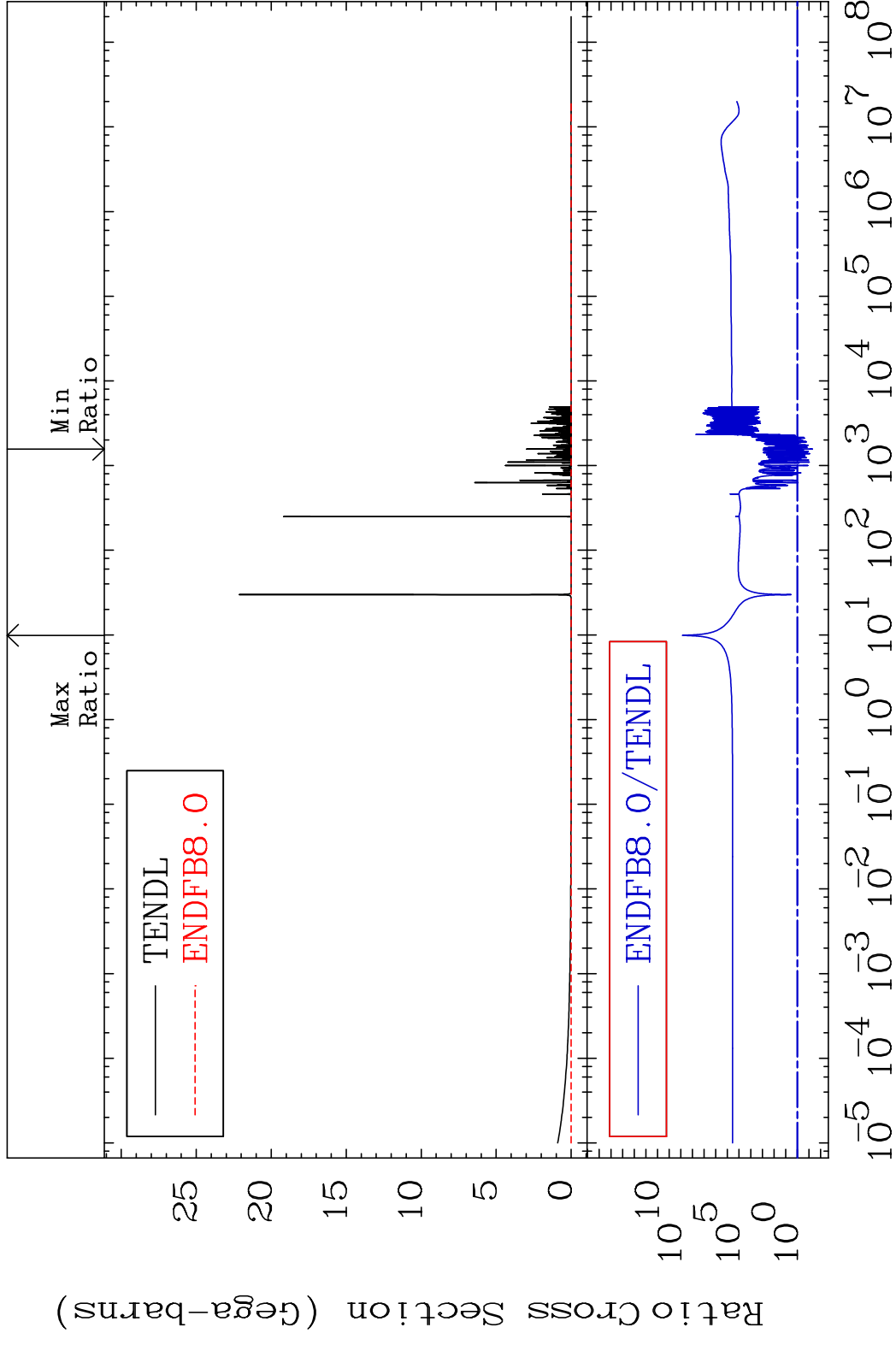


40

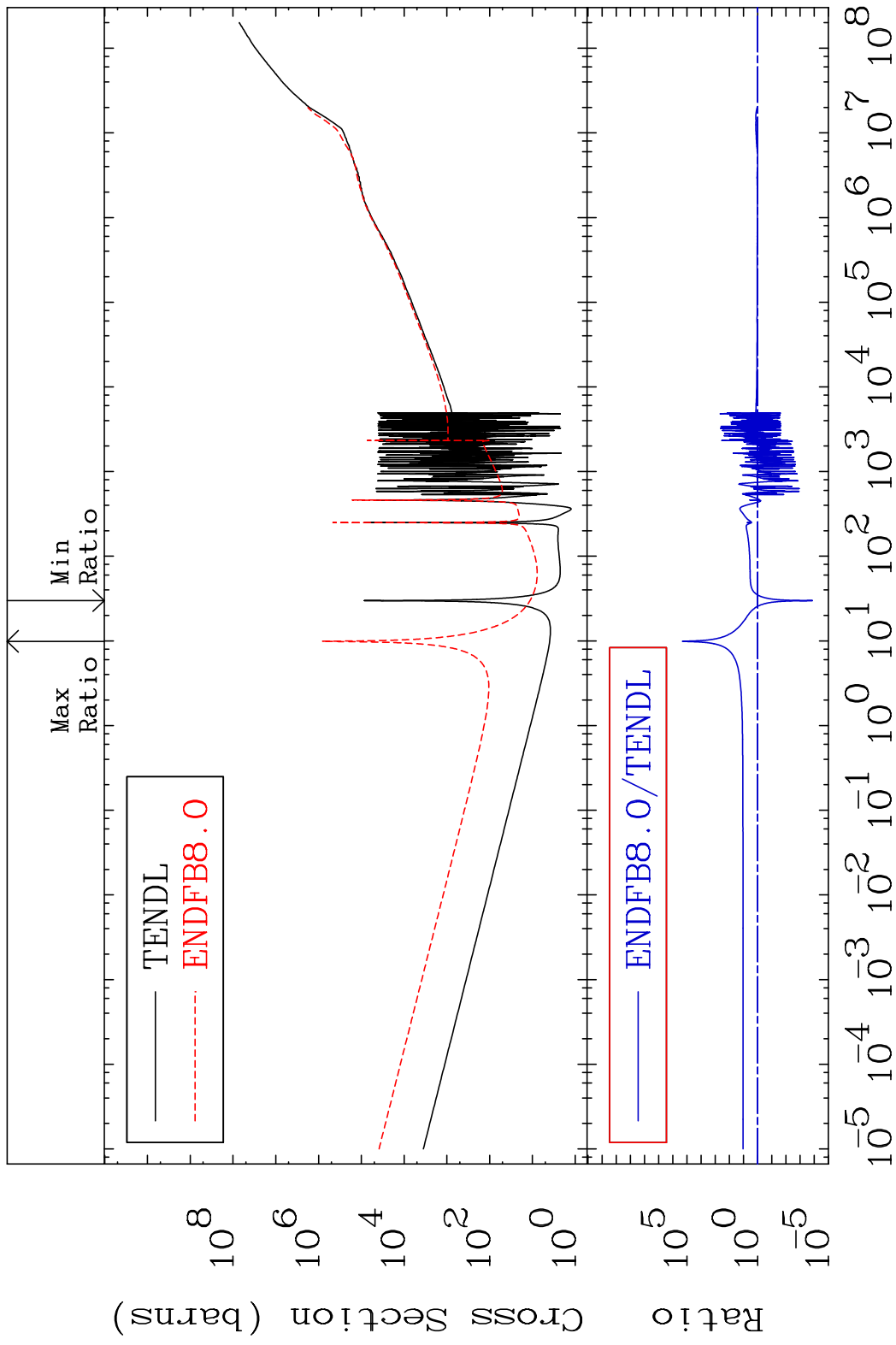
Incident Energy (eV)

54-Xe-126

MAT 5431 Total photon (eV-barns) 54-Xe-126
 Cross Section -95.09 To 9999. %



MAT 5431 Total kinematic kerma (high limit) 54-Xe-126
 Cross Section -99.99 To 9999. %

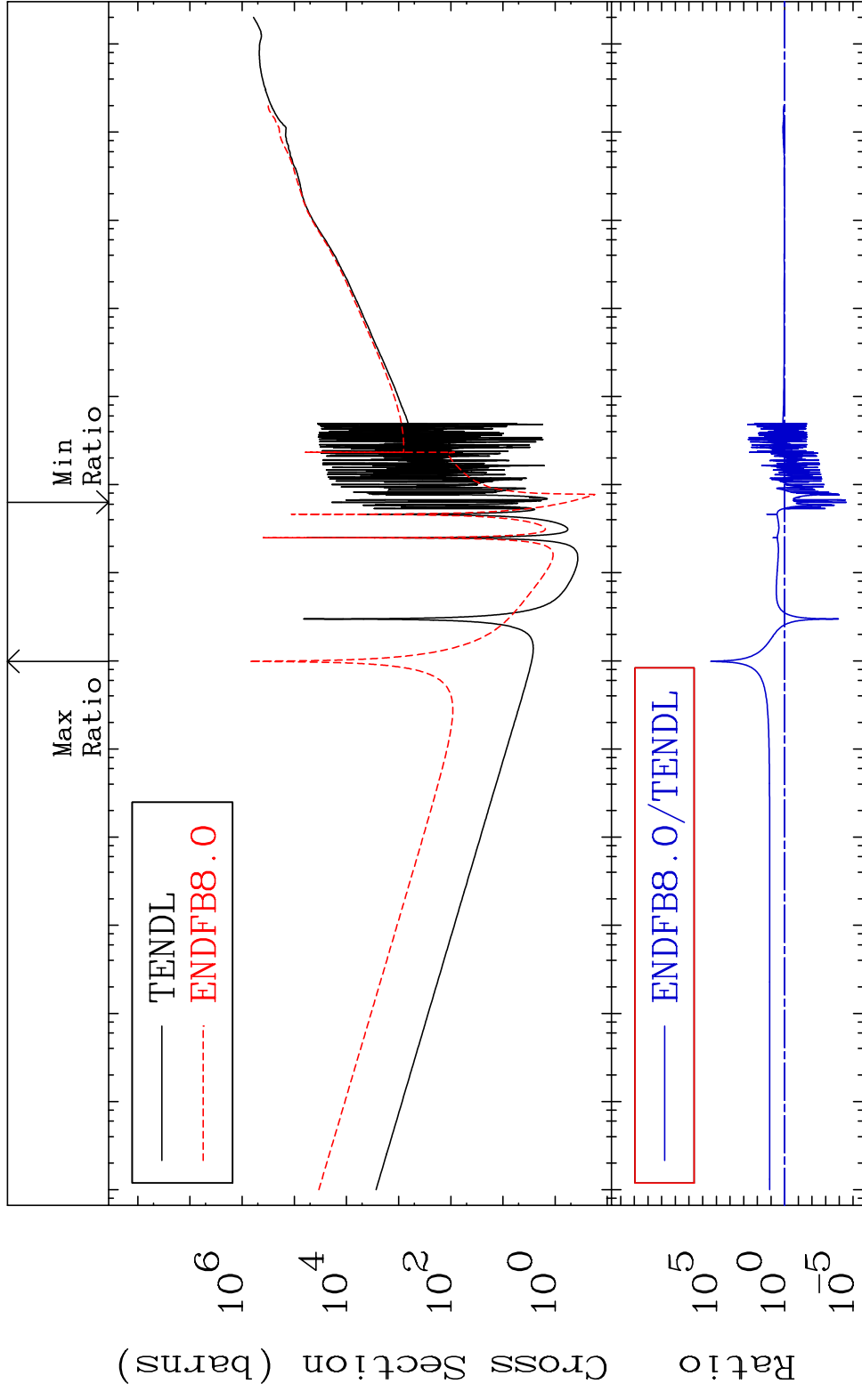


MAT 5431

Dpa total (eV-barns)

54-Xe-126

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

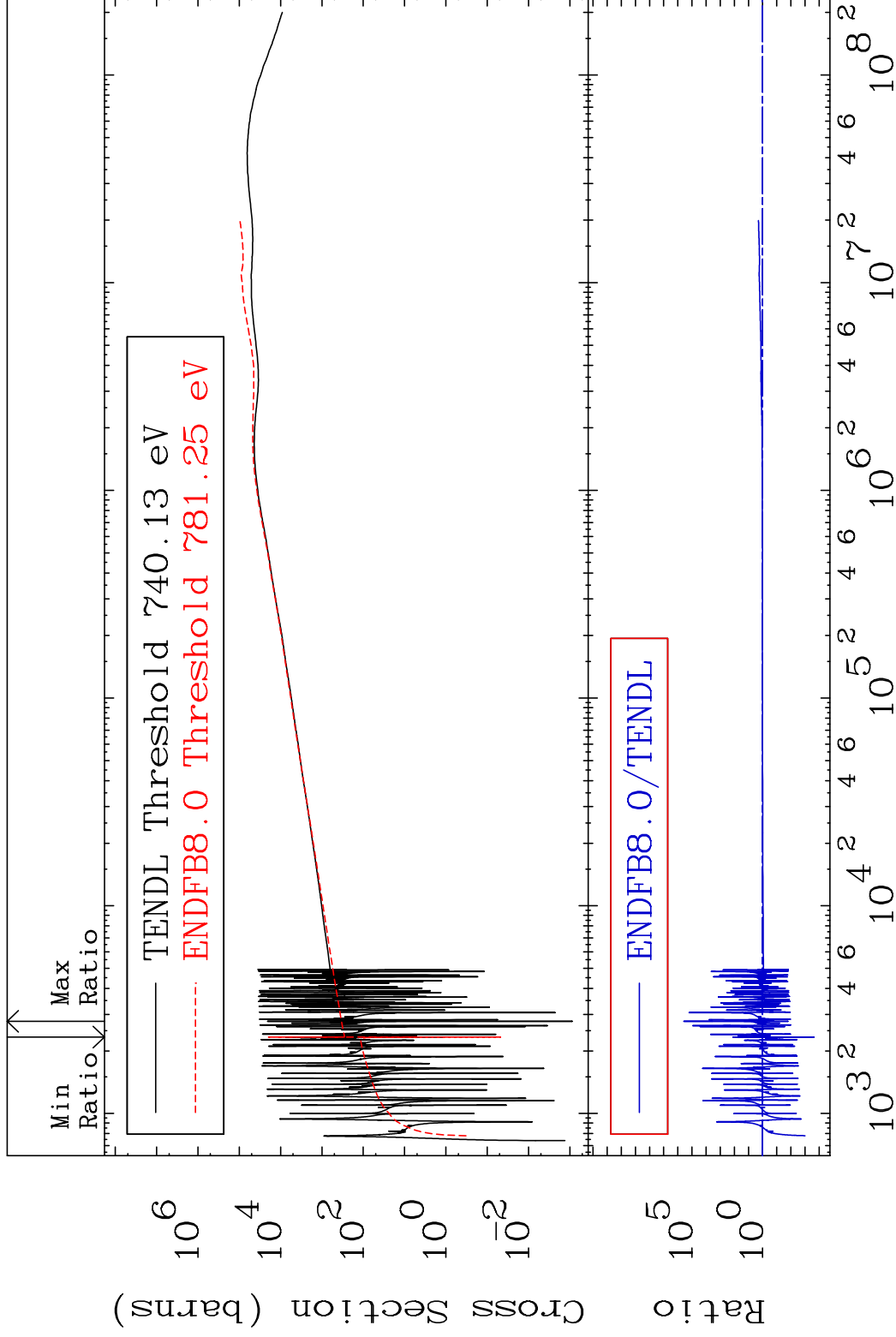
54-Xe-126

MAT 5431

Dpa elastic (mt2)

54-Xe-126

Cross Section -99.98 To 9999. %

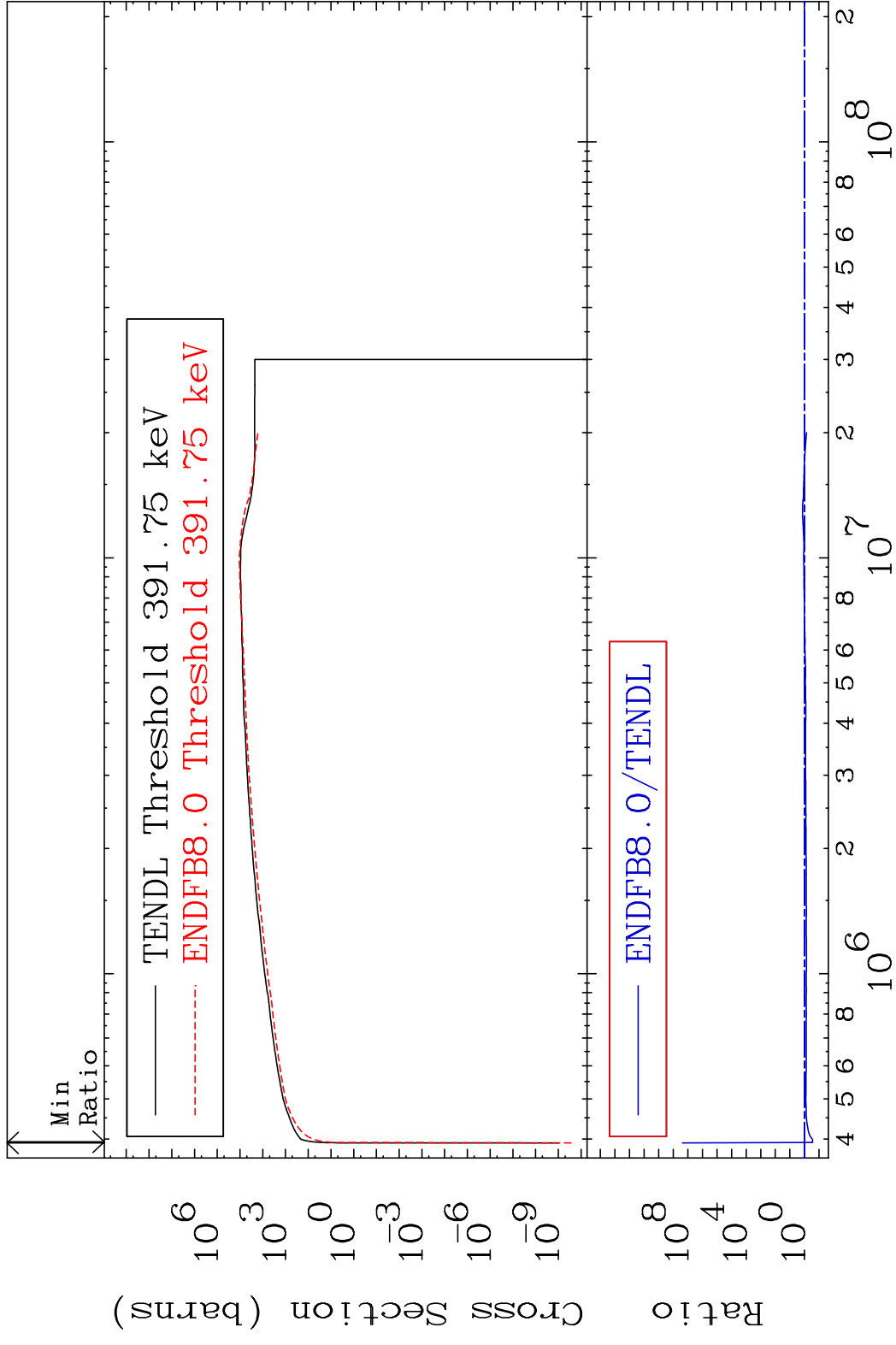


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Incident Energy (eV)

54-Xe-126

MAT 5431 Dpa inelastic (mt51-91) 54-Xe-126
 Cross Section -72.12 To 9999. %



MAT 5431 Dpa disappearance (mt102 -120) 54-Xe-126
 Cross Section -100.0 To 9999. %

