

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

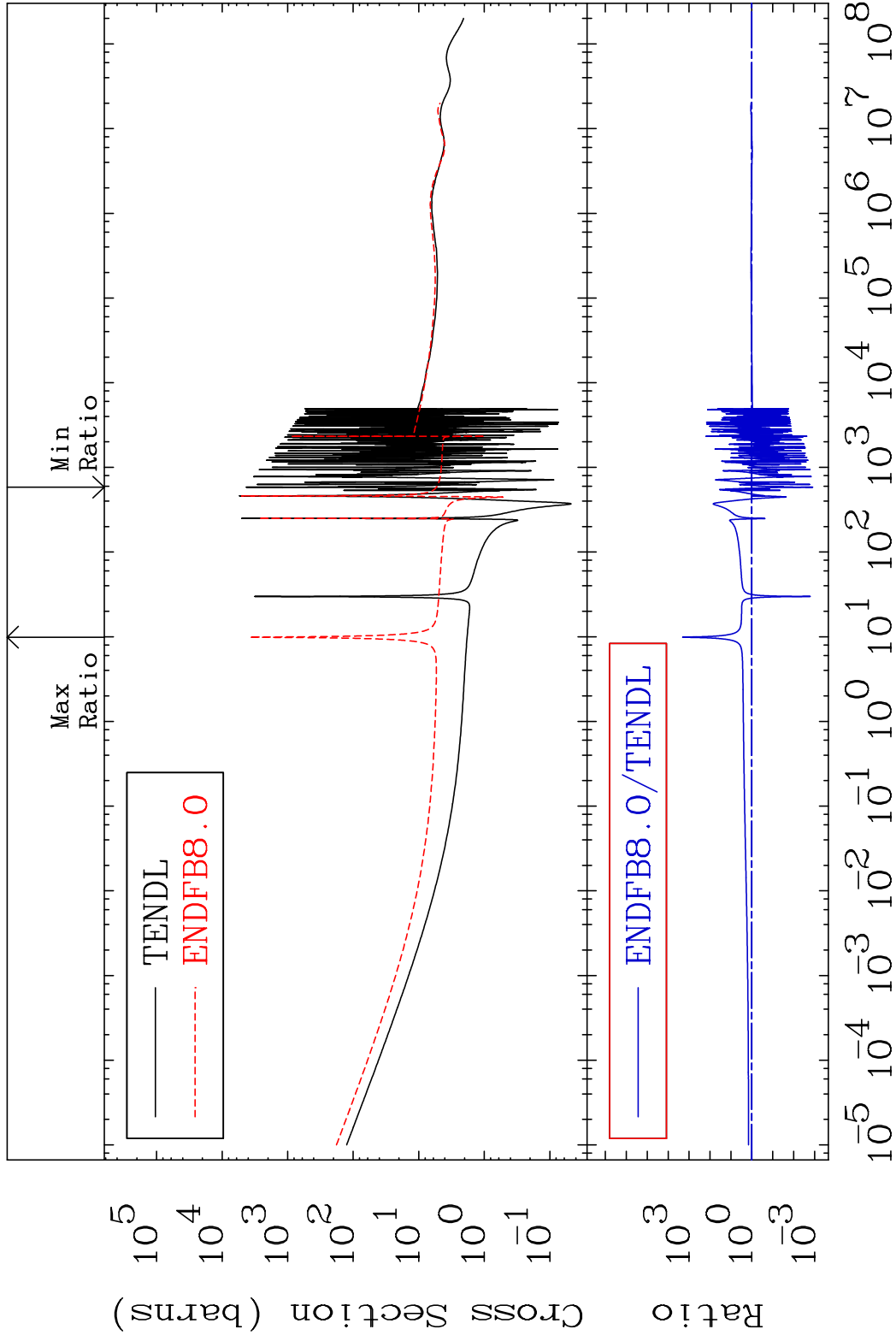
Press Mouse Button to Start

MAT 5431

Total

54-Xe-126

Cross Section -99.88 To 9999. %



1

Incident Energy (eV)

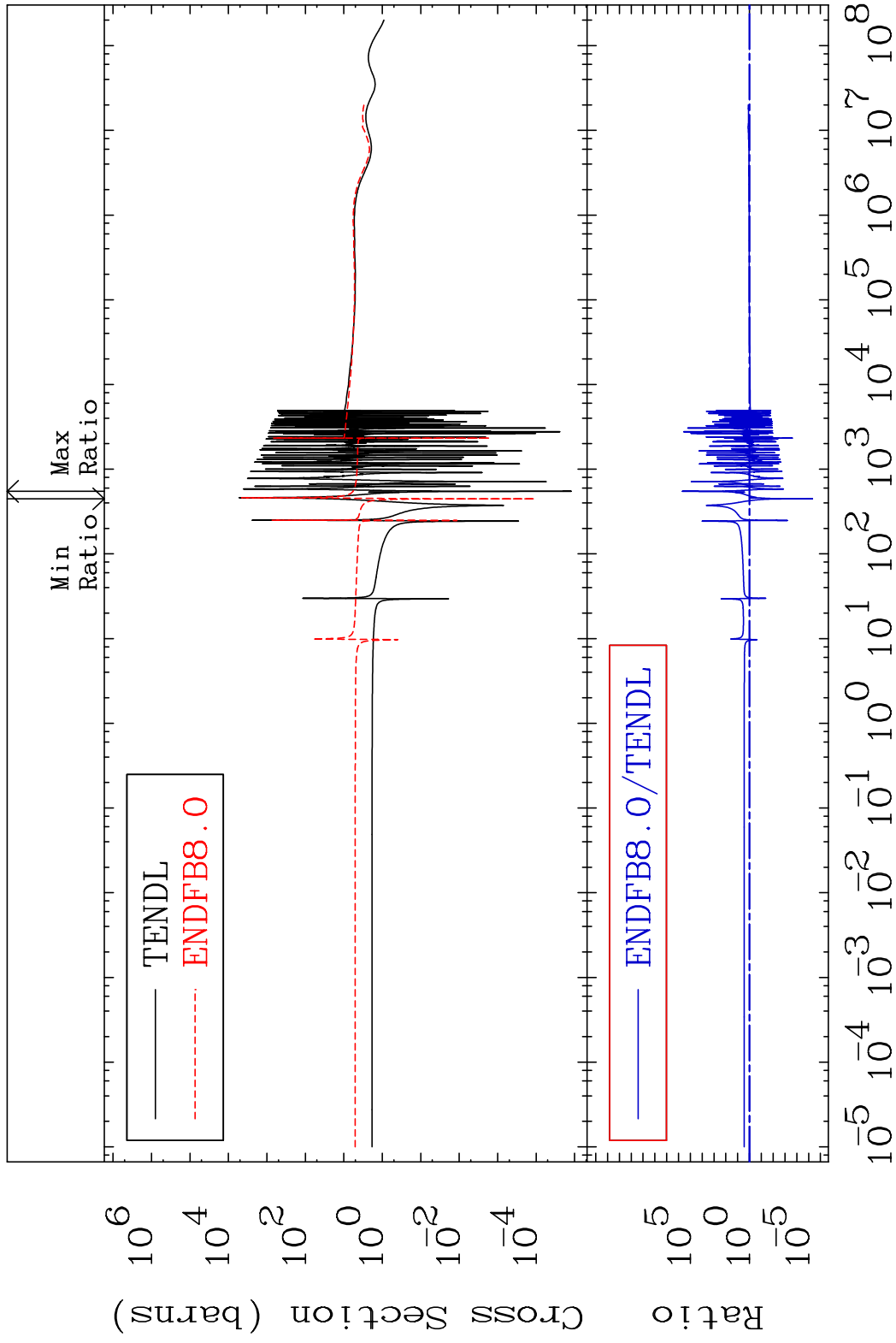
54-Xe-126

MAT 5431

Elastic

54-Xe-126

Cross Section -100.0 To 9999. %



2

Incident Energy (eV)

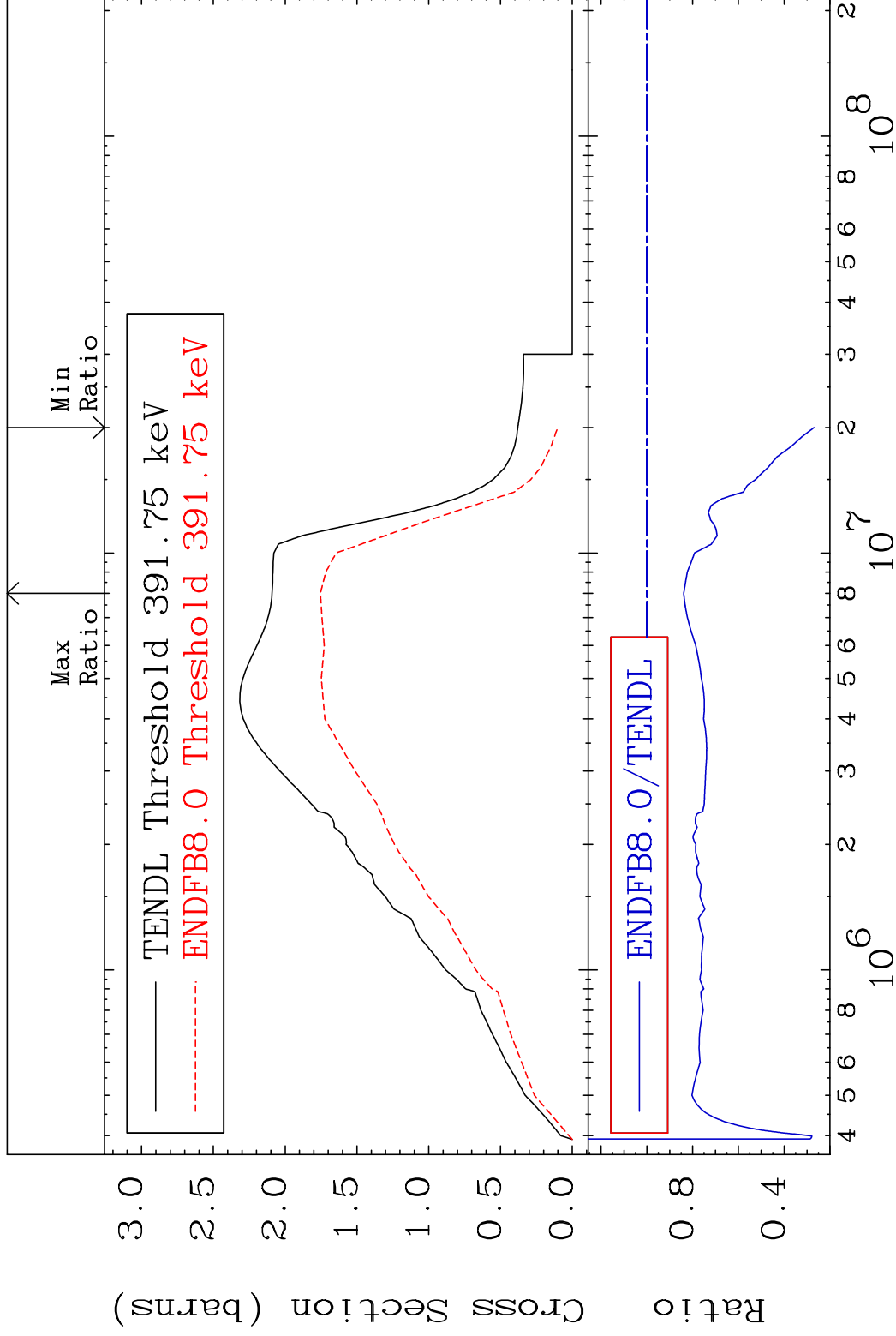
54-Xe-126

MAT 5431

Inelastic

54-Xe-126

Cross Section -73.10 To -16.09%



3

Incident Energy (eV)

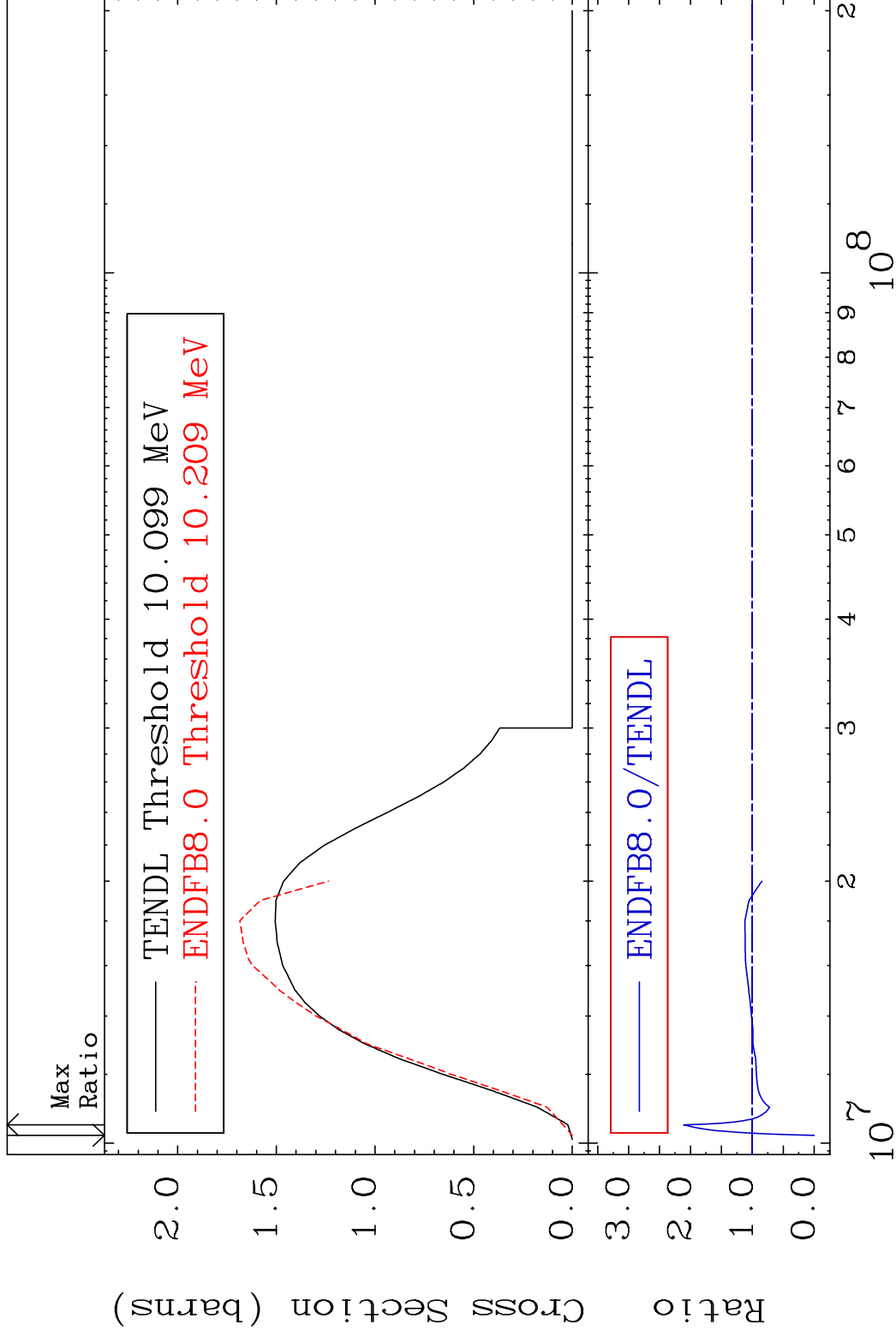
54-Xe-126

MAT 5431

(n,2n)

54-Xe-126

Cross Section -100.0 To 111.0 %



4

Incident Energy (eV)

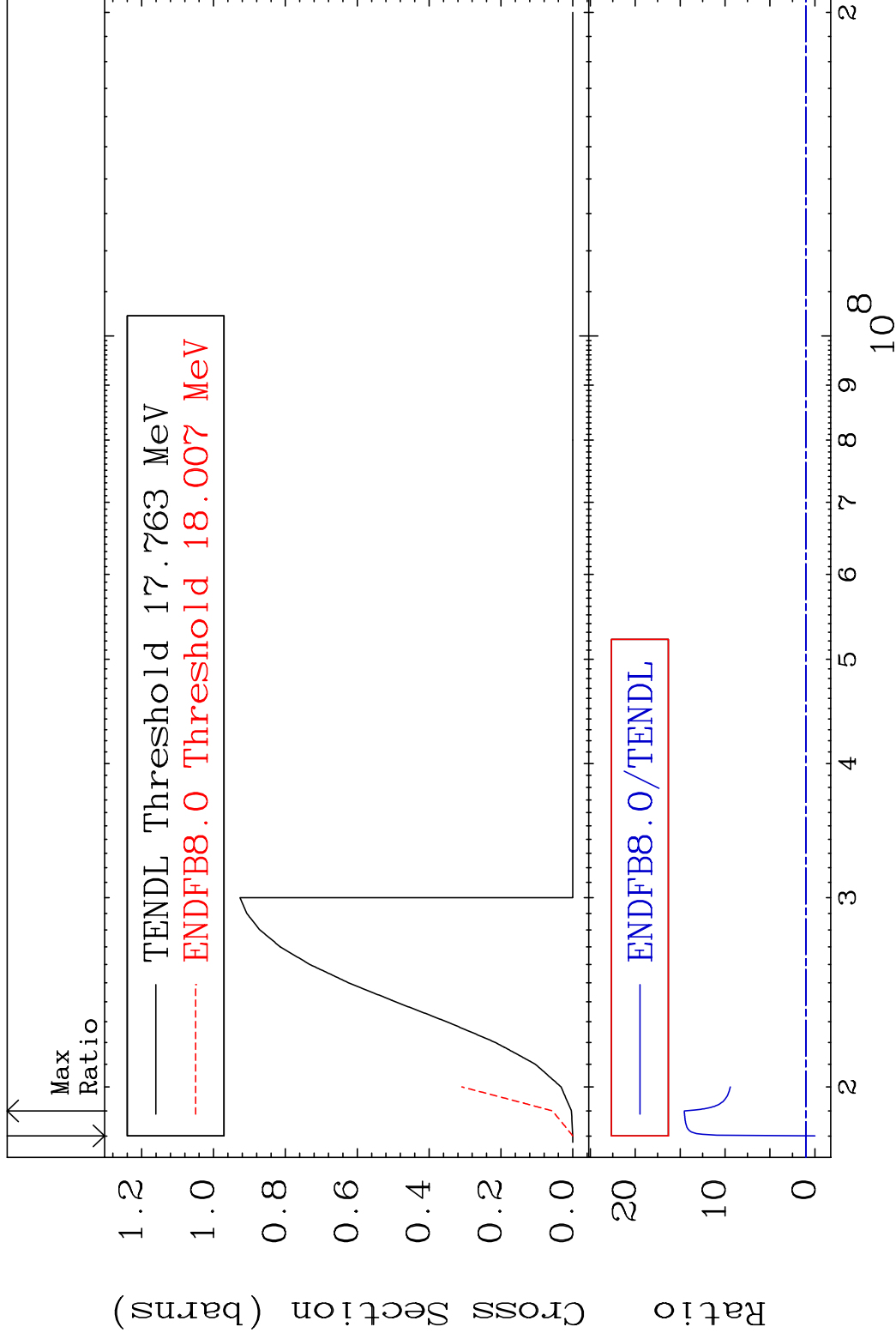
54-Xe-126

MAT 5431

(n,3n)

54-Xe-126

Cross Section -100.0 To 1353. %



5

Incident Energy (eV)

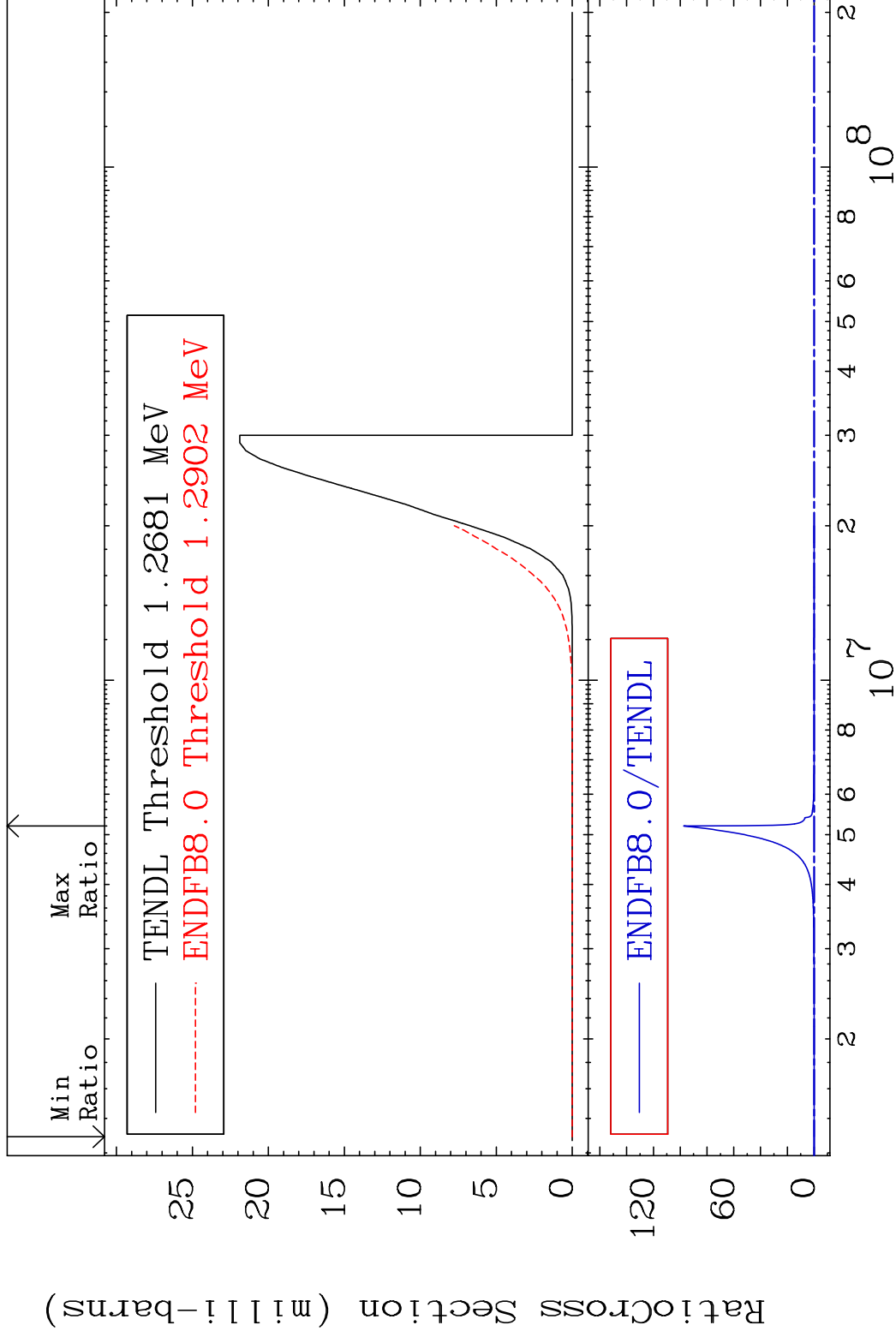
54-Xe-126

MAT 5431

(n, n')  $\alpha$

54-Xe-126

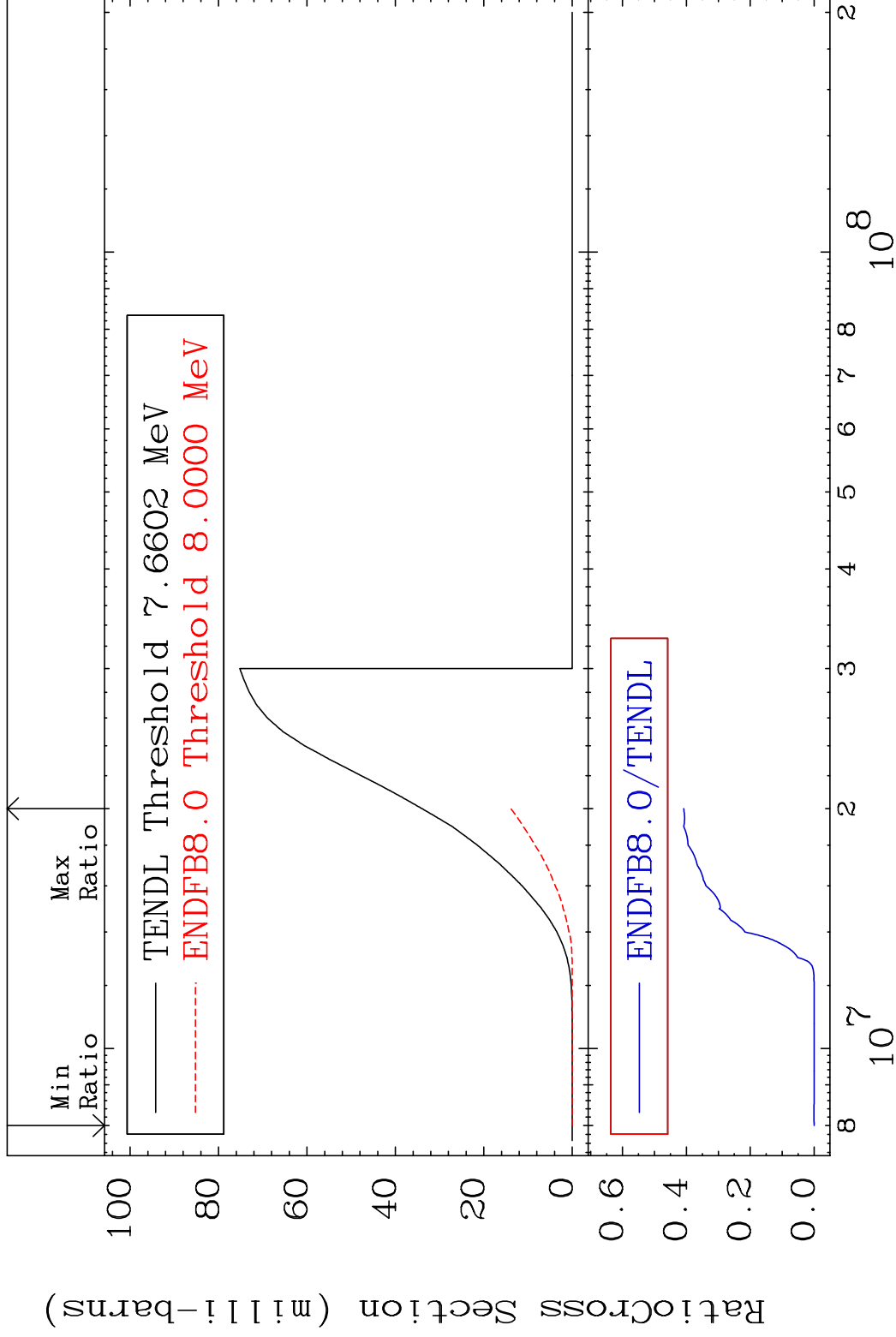
Cross Section -100.0 To 9999. %



MAT 5431

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

Cross Section -100.0 To -59.14%

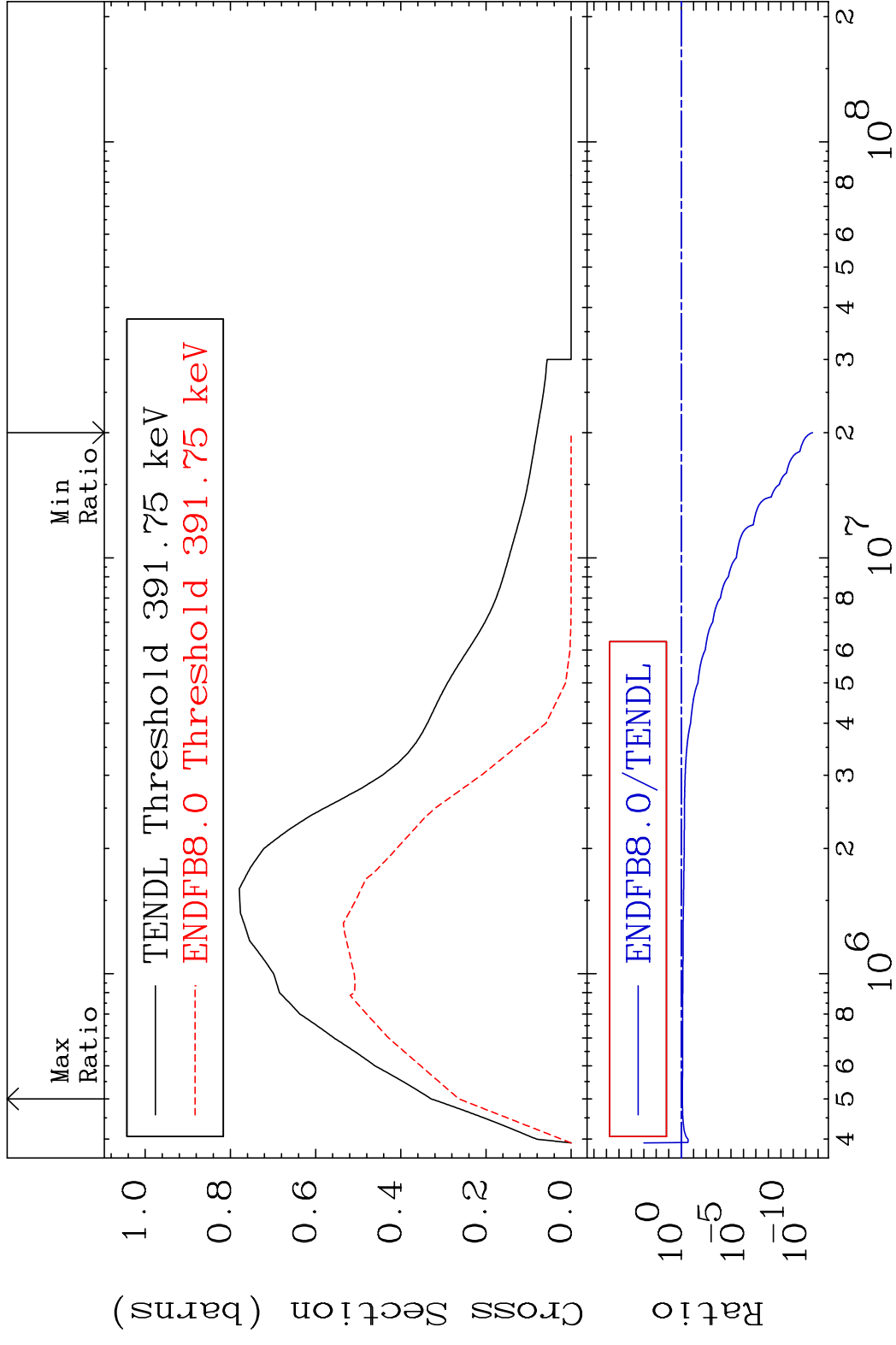


7

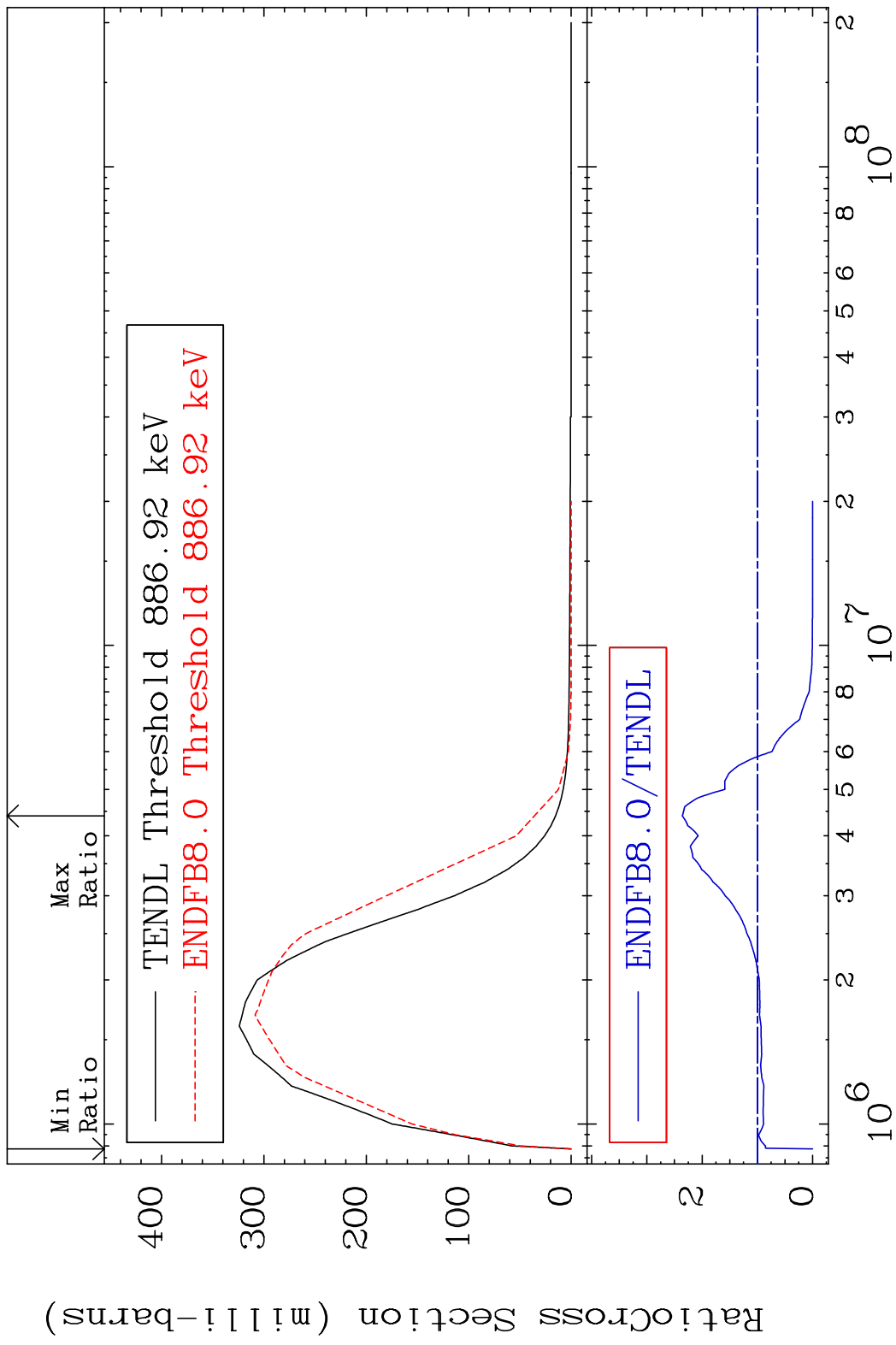
Incident Energy (eV)

54-Xe-126

MAT 5431 MT= 51 (n,n') Level 54-Xe-126  
 Cross Section -100.0 To -19.70%

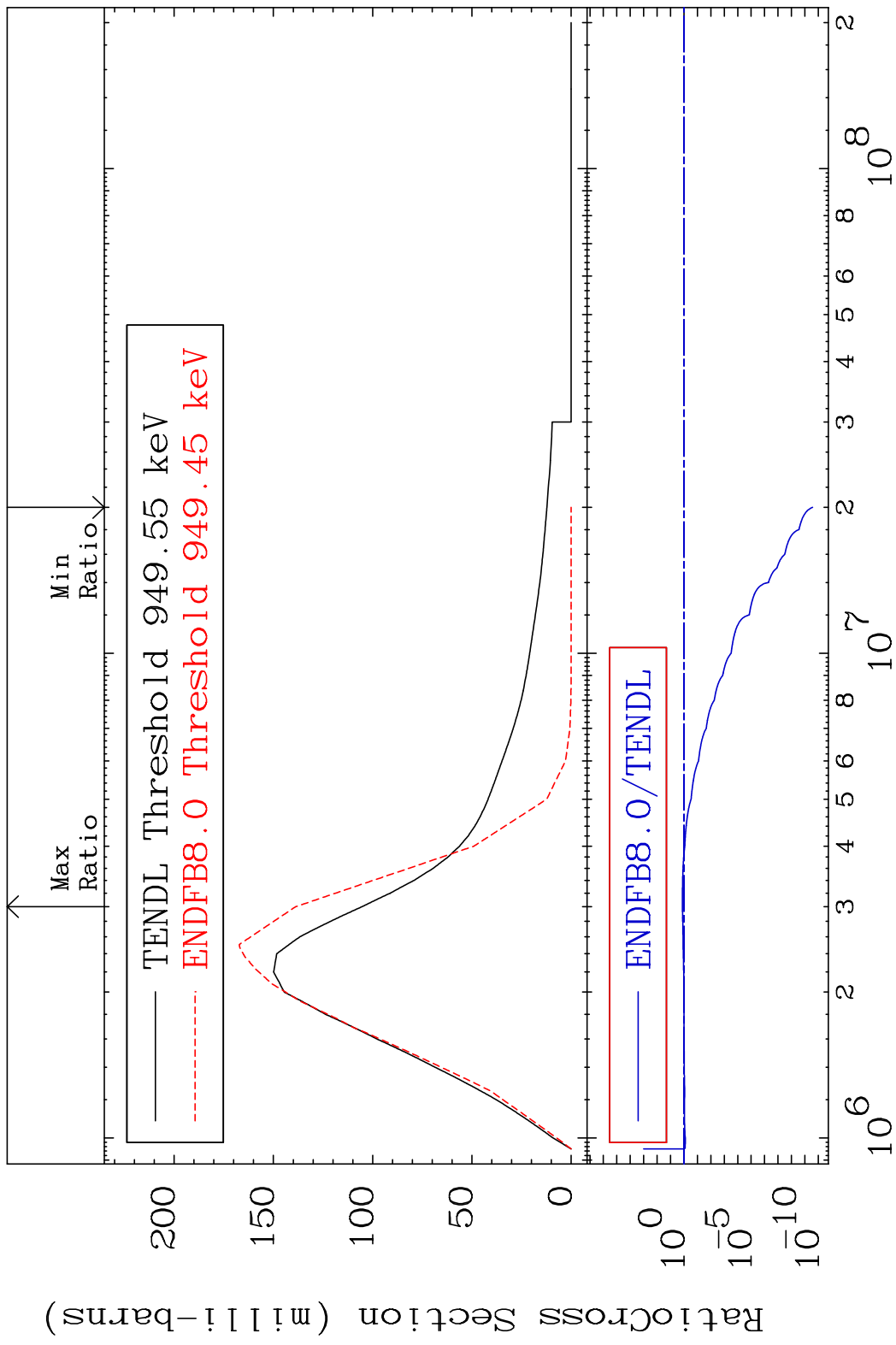


MAT 5431 MT= 52 (n, n') Level 54-Xe-126  
 Cross Section -100.0 To 135.8 %



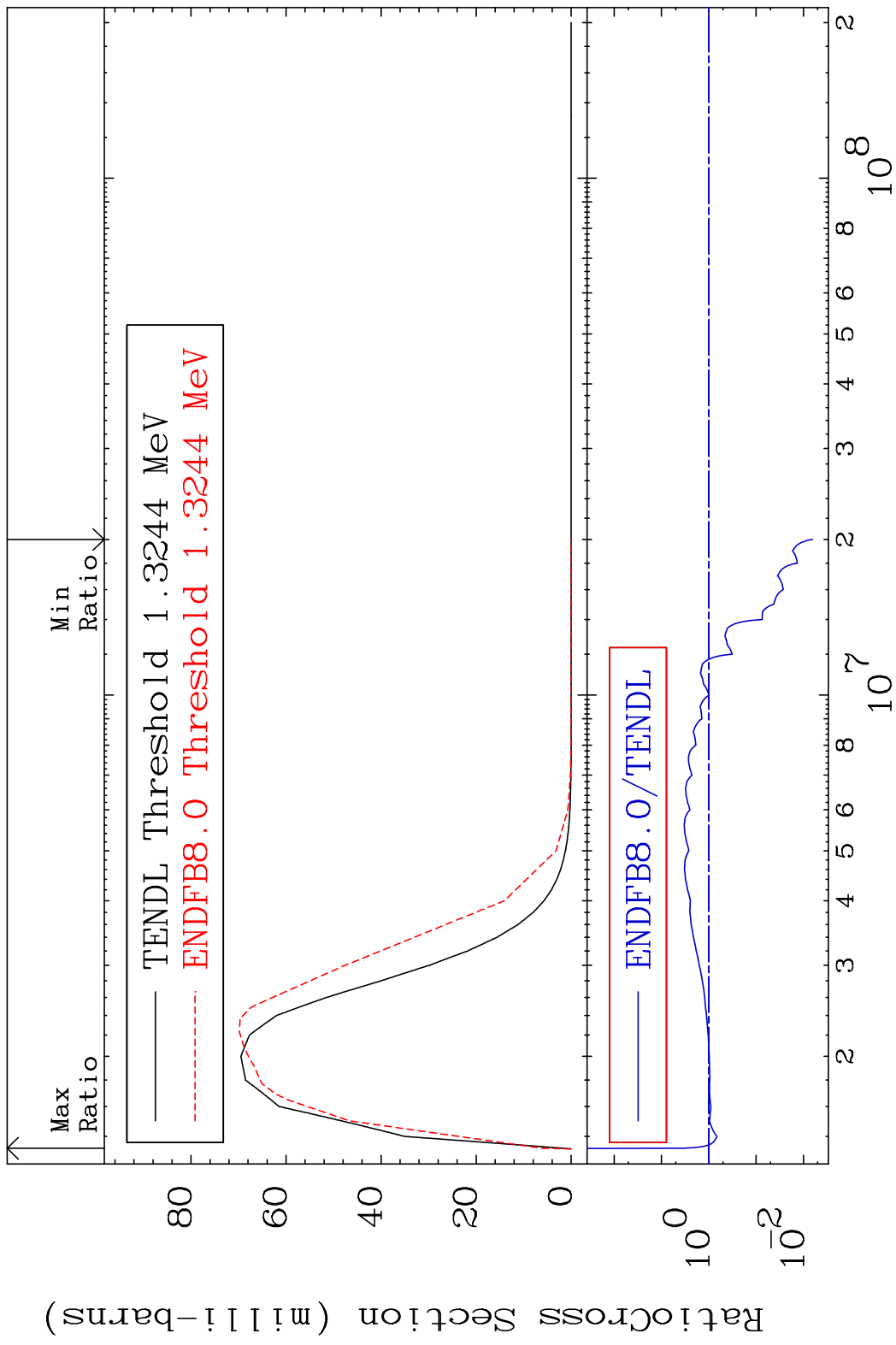
9 Incident Energy (eV) 54-Xe-126

MAT 5431 MT= 53 (n, n') Level 54-Xe-126  
 Cross Section -100.0 To 31.74 %



10 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup> 2 3 4 5 6 8 2 54-Xe-126

MAT 5431 MT= 54 (n, n') Level 54-Xe-126  
 Cross Section -99.36 To 262.0 %

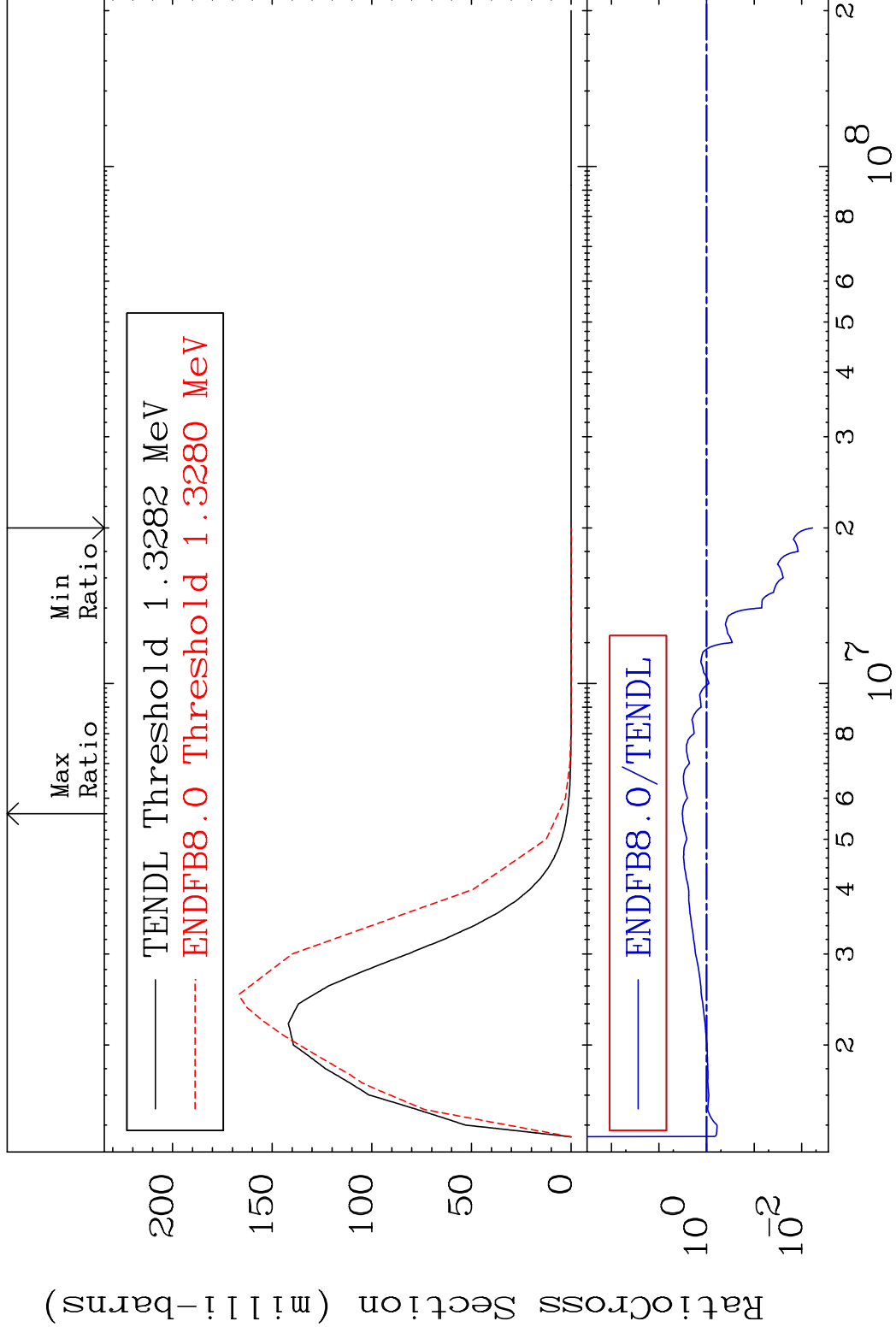


MAT 5431

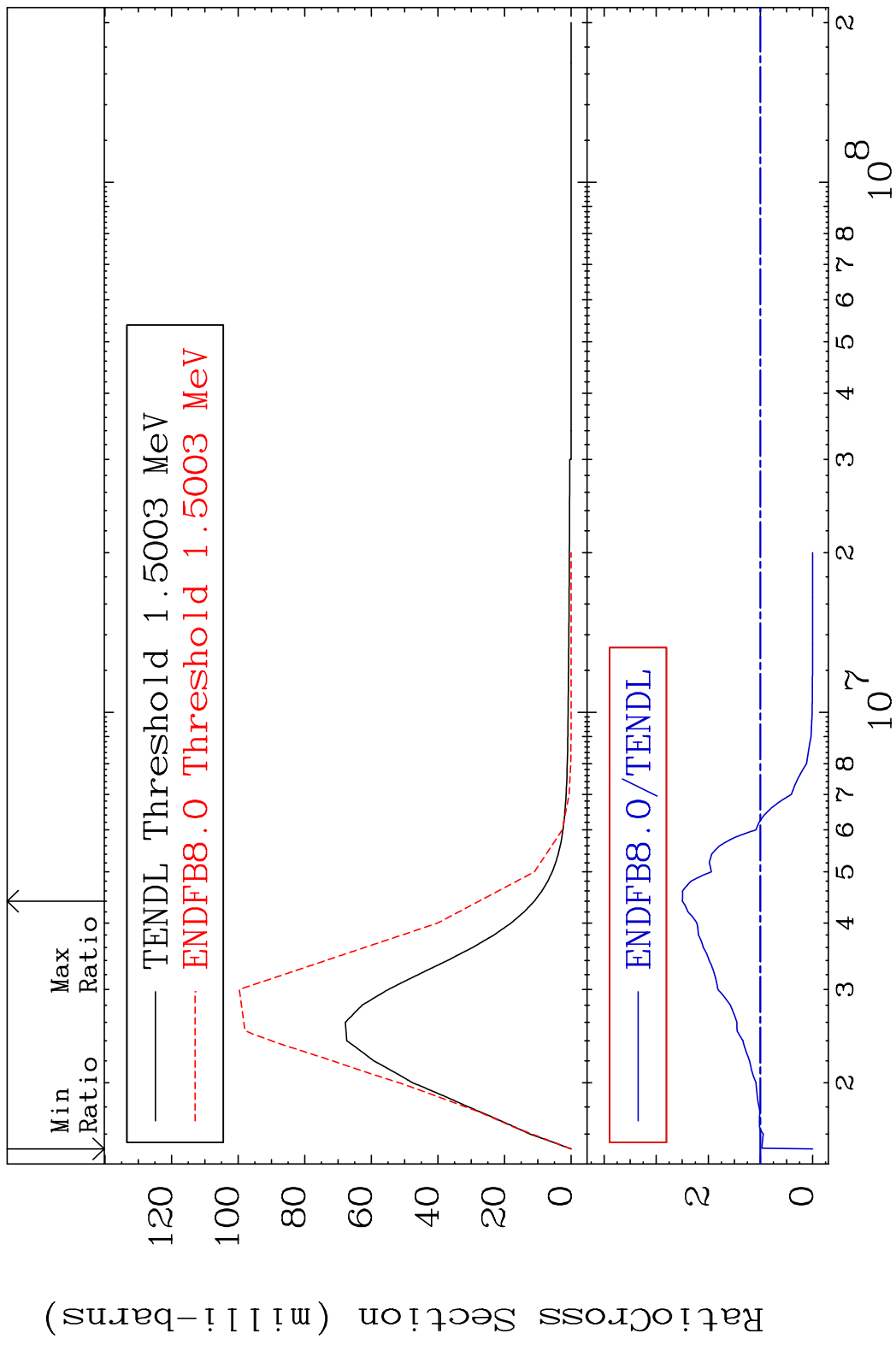
MT= 55 (n, n') Level

54-Xe-126

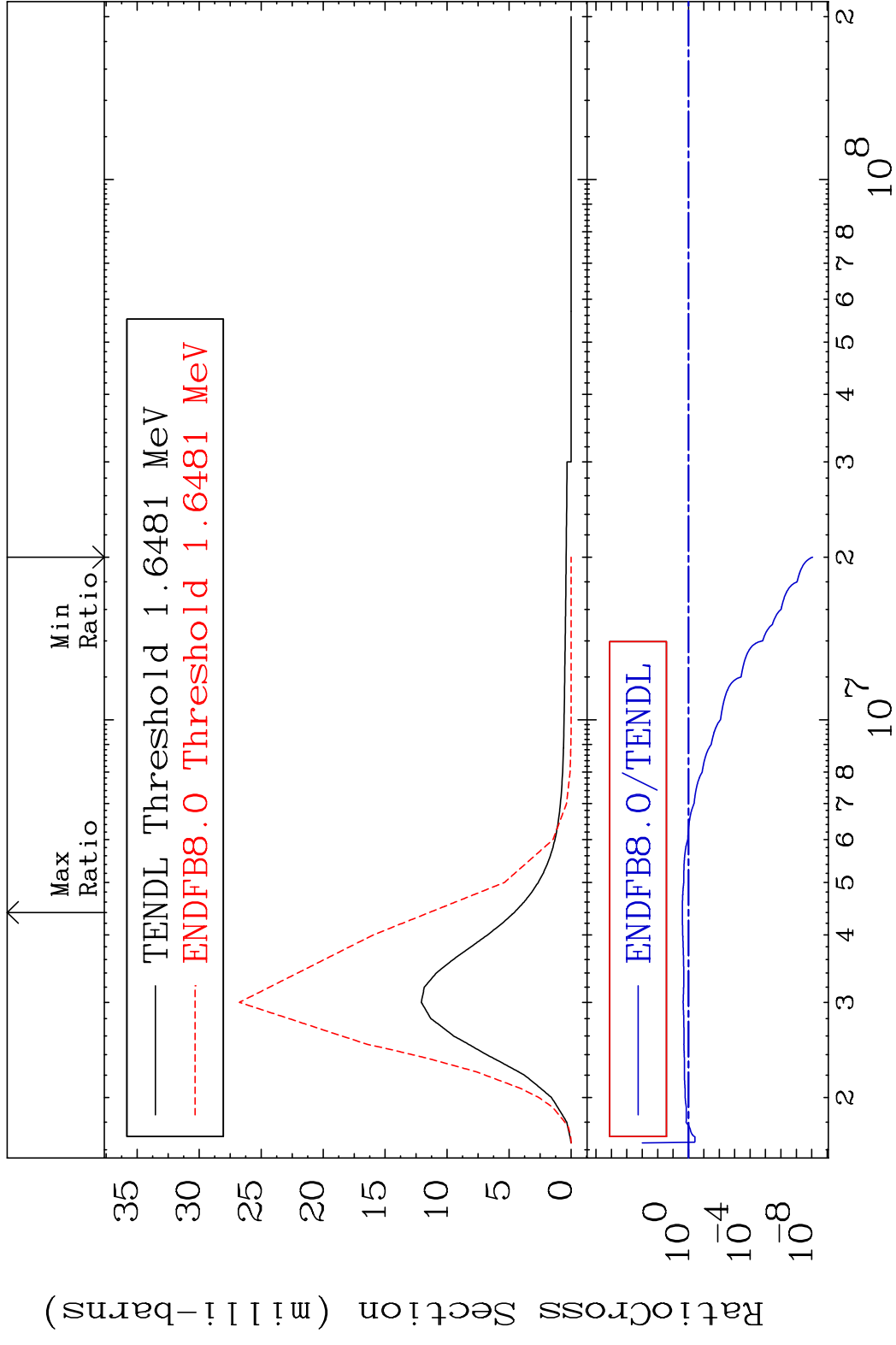
Cross Section -99.41 To 222.9 %



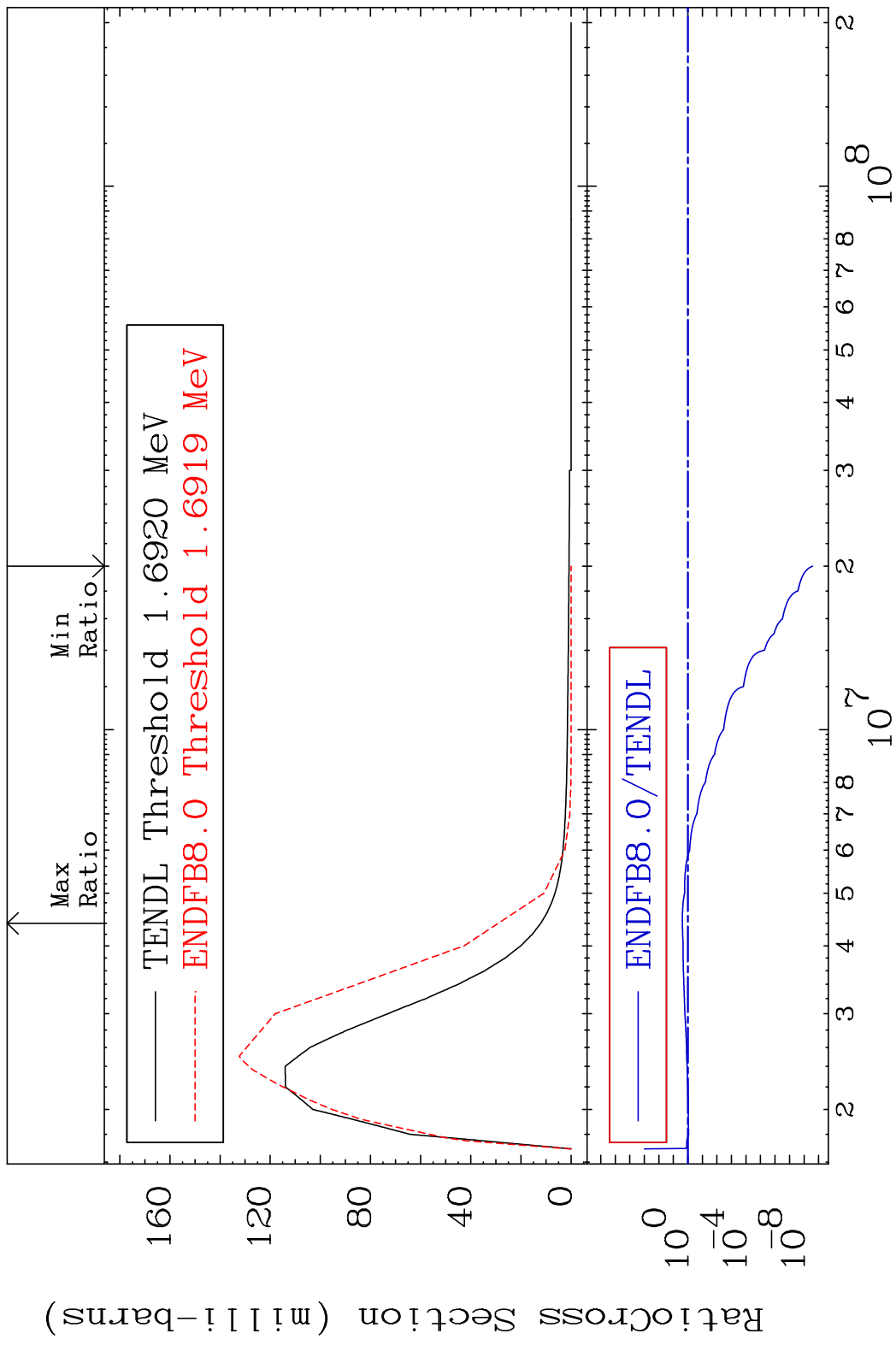
MAT 5431 MT= 56 (n,n') Level 54-Xe-126  
 Cross Section -100.0 To 149.8 %



MAT 5431 MT= 57 (n, n') Level 54-Xe-126  
 Cross Section -100.0 To 149.2 %



MAT 5431 MT= 58 (n, n') Level 54-Xe-126  
 Cross Section -100.0 To 139.9 %

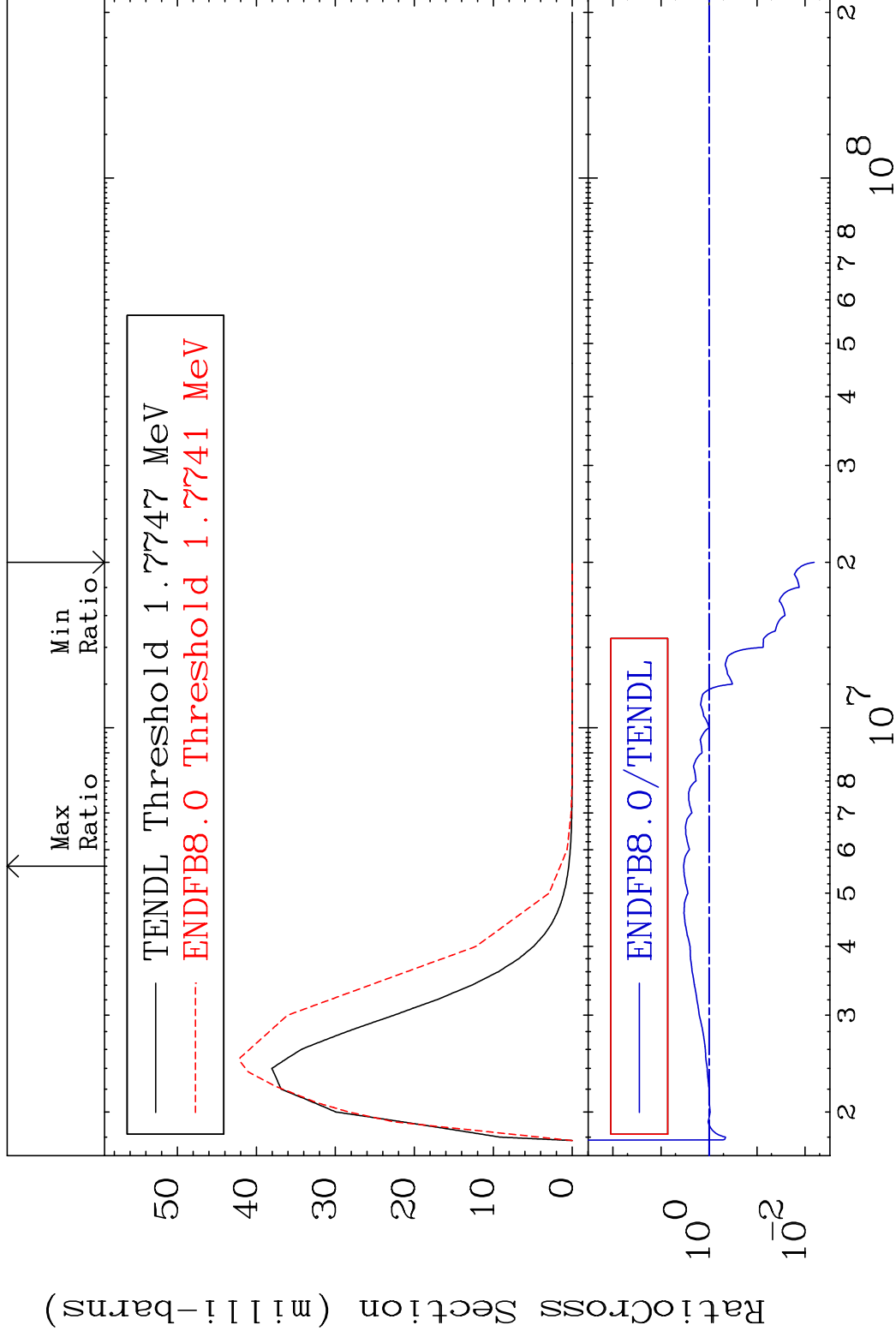


MAT 5431

MT= 59 (n, n') Level

54-Xe-126

Cross Section -99.35 To 237.1 %

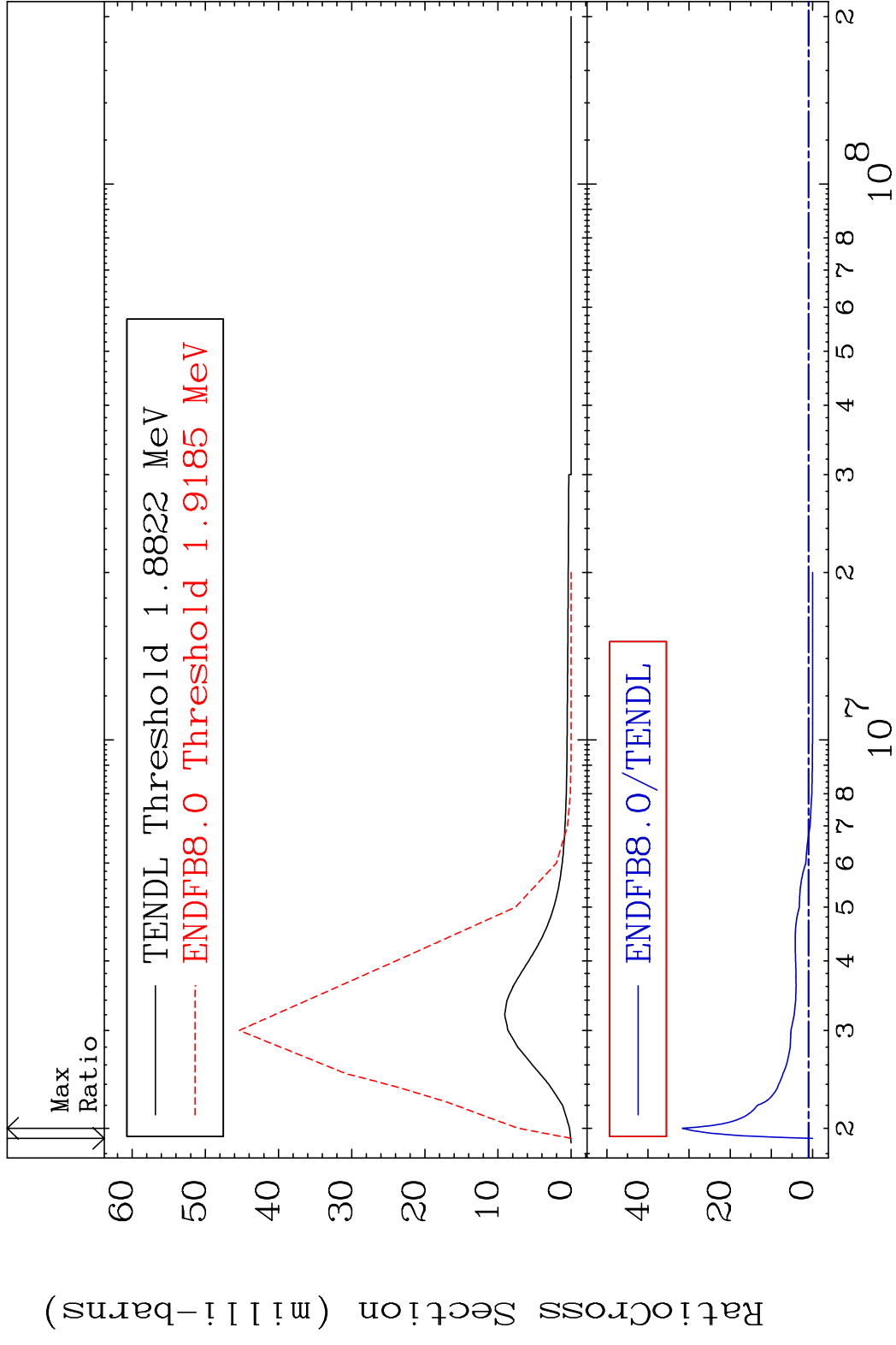


16

Incident Energy (eV)

54-Xe-126

MAT 5431 MT= 60 (n, n') Level 54-Xe-126  
 Cross Section -100.0 To 3064. %

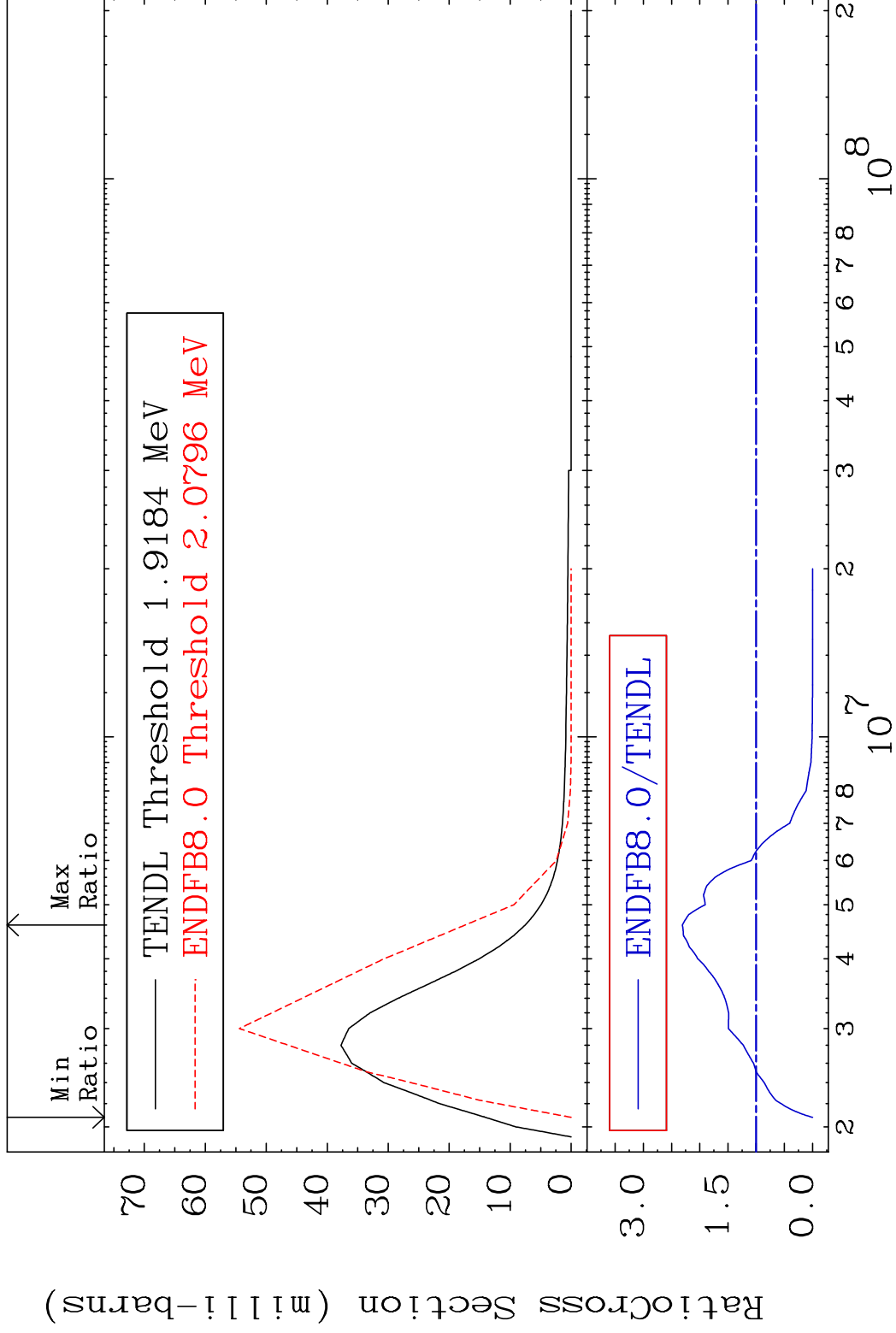


MAT 5431

MT= 61 (n, n') Level

54-Xe-126

Cross Section -100.0 To 130.9 %

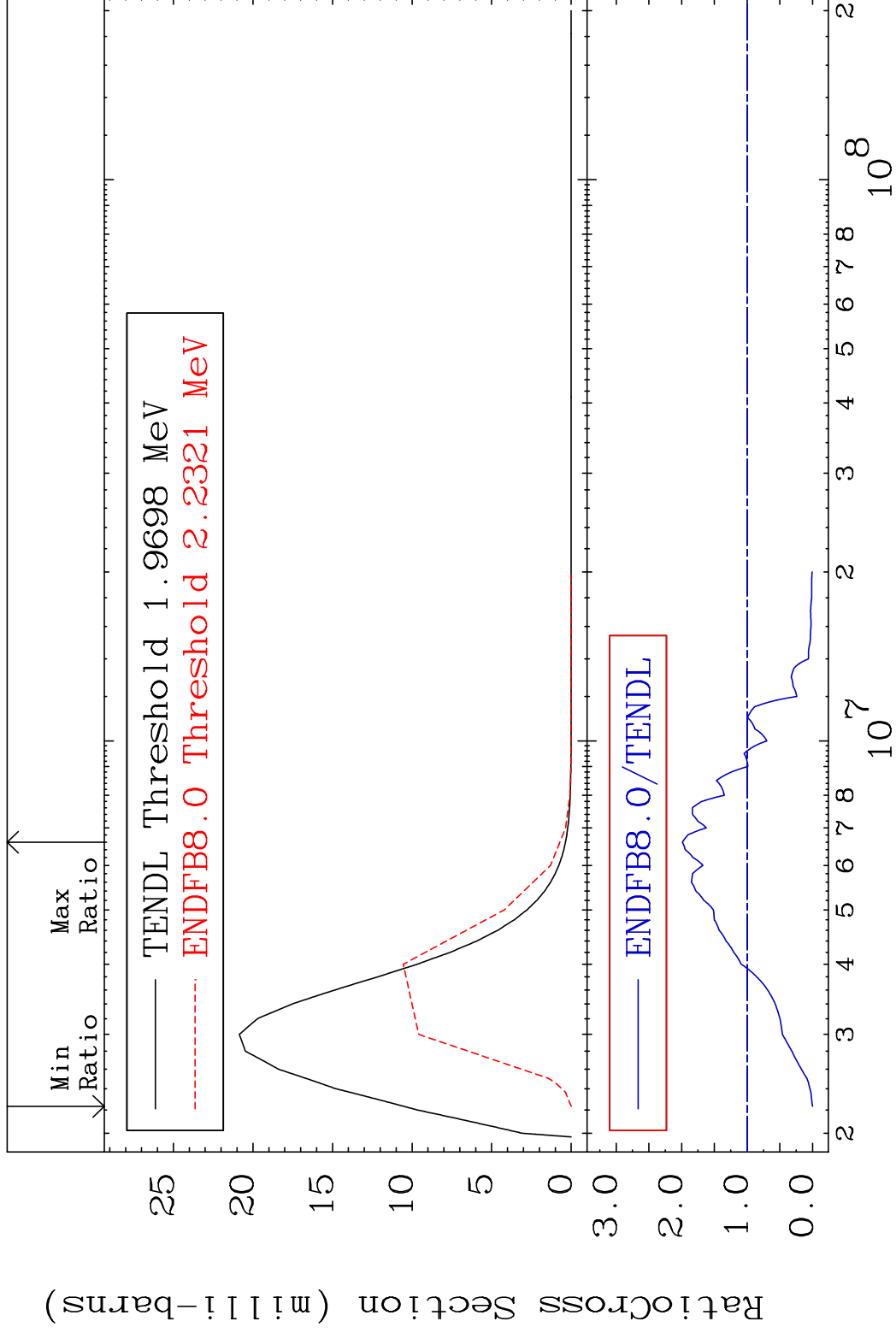


MAT 5431

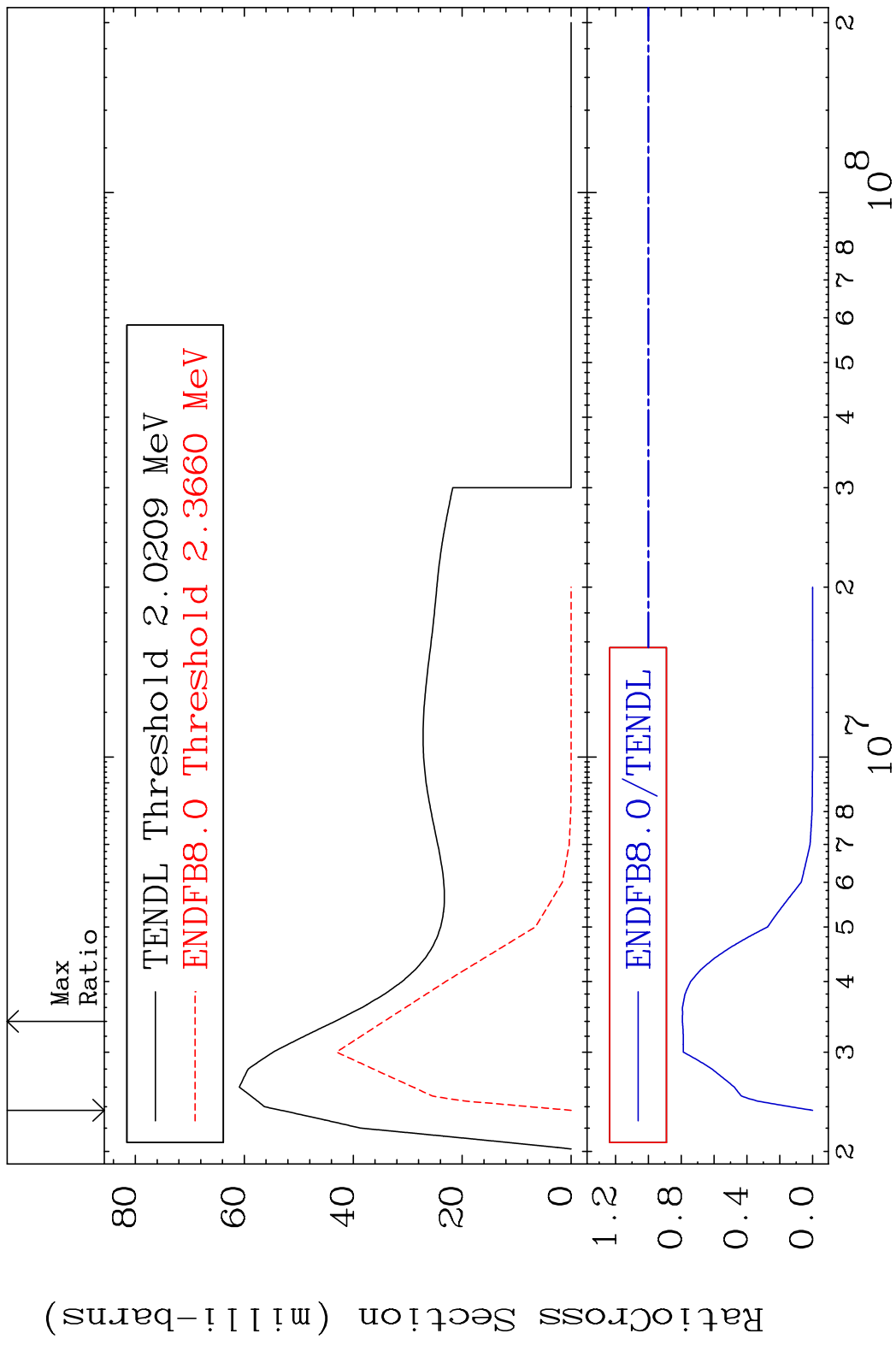
MT= 62 (n, n') Level

54-Xe-126

Cross Section -100.0 To 98.90 %

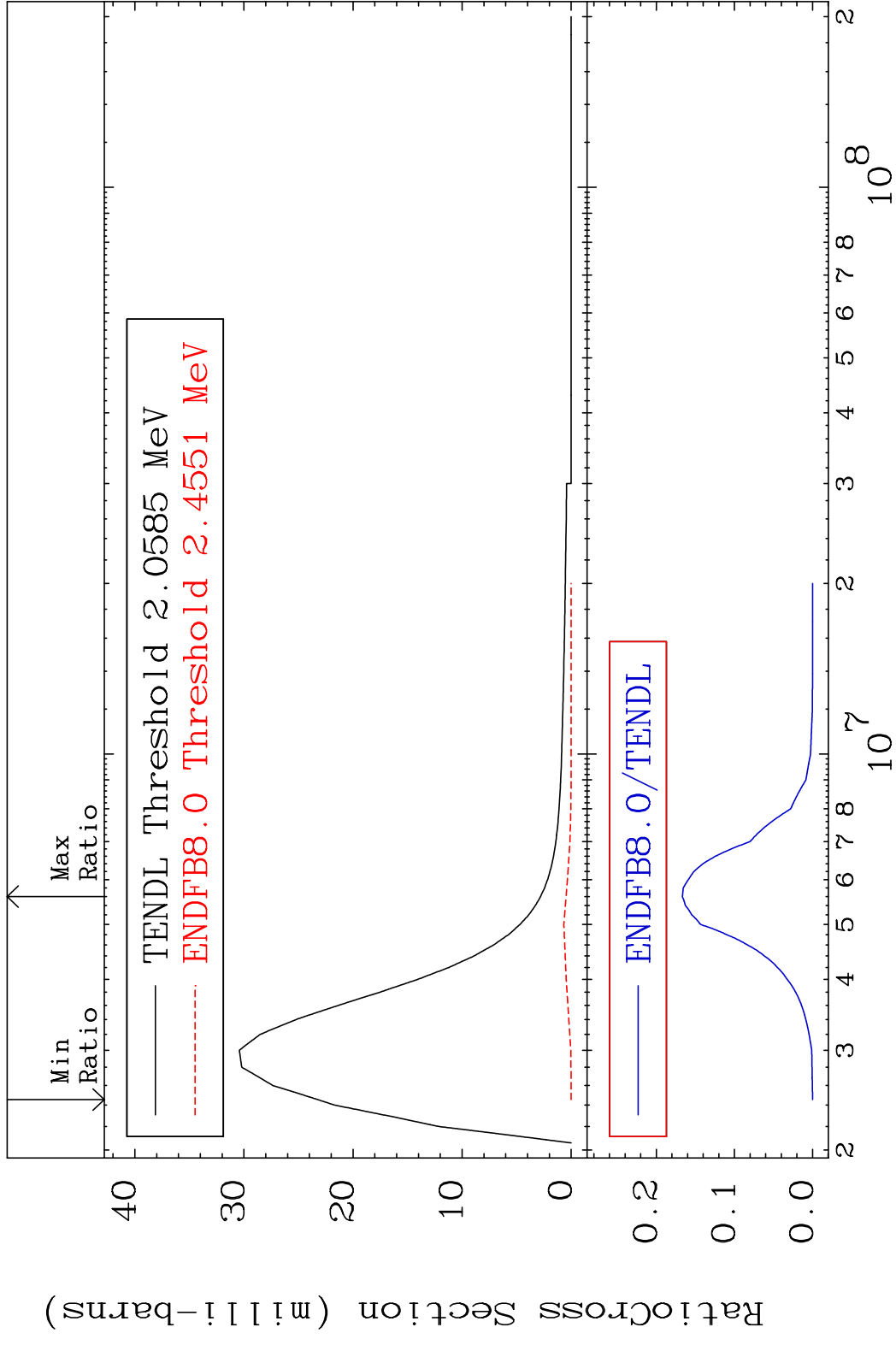


MAT 5431 MT= 63 (n, n') Level 54-Xe-126  
 Cross Section -100.0 To -20.69%

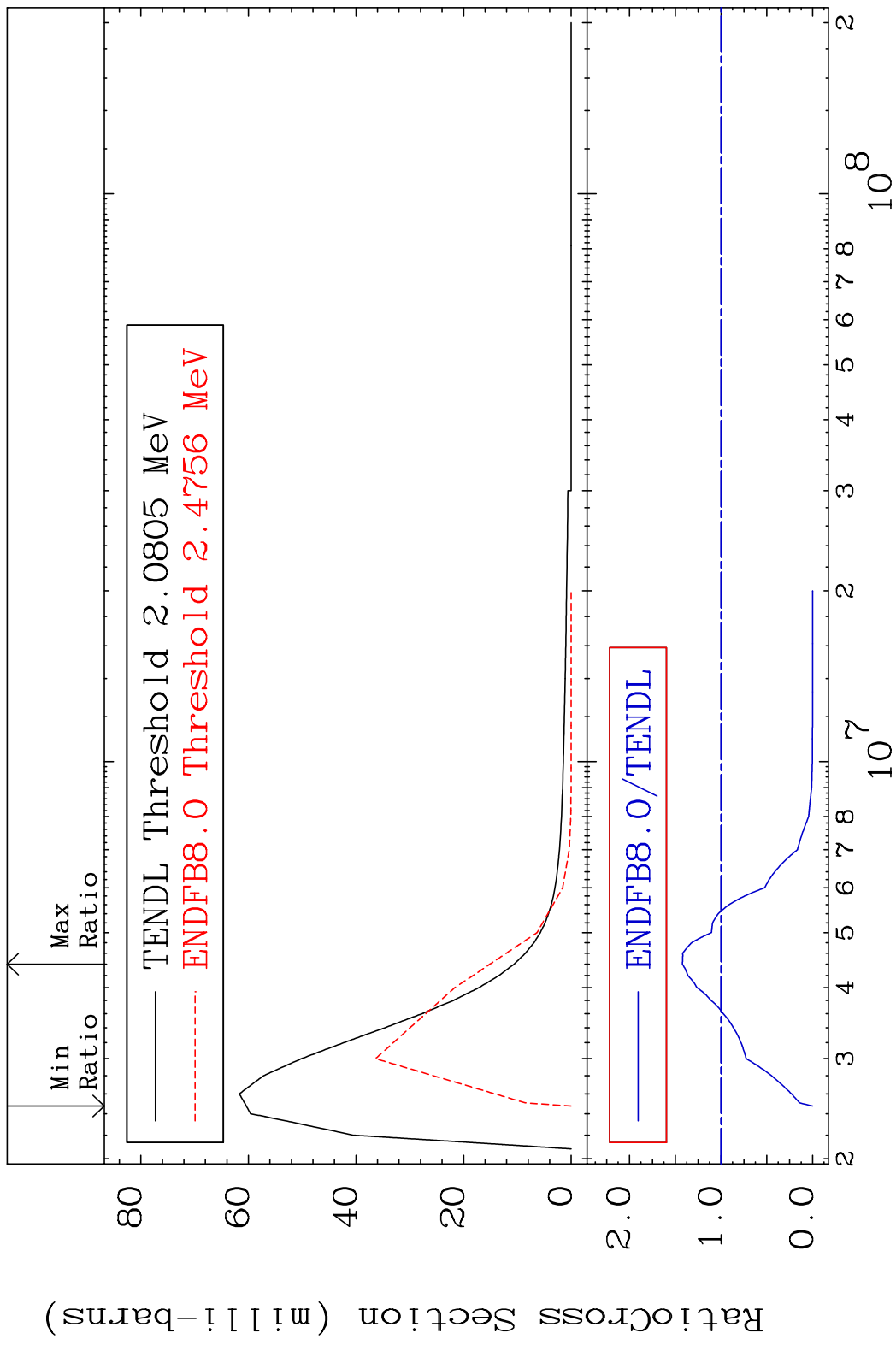


20 54-Xe-126

MAT 5431 MT= 64 (n,n') Level 54-Xe-126  
 Cross Section -100.0 To -83.33%



MAT 5431 MT= 65 (n,n') Level 54-Xe-126  
 Cross Section -100.0 To 42.29 %

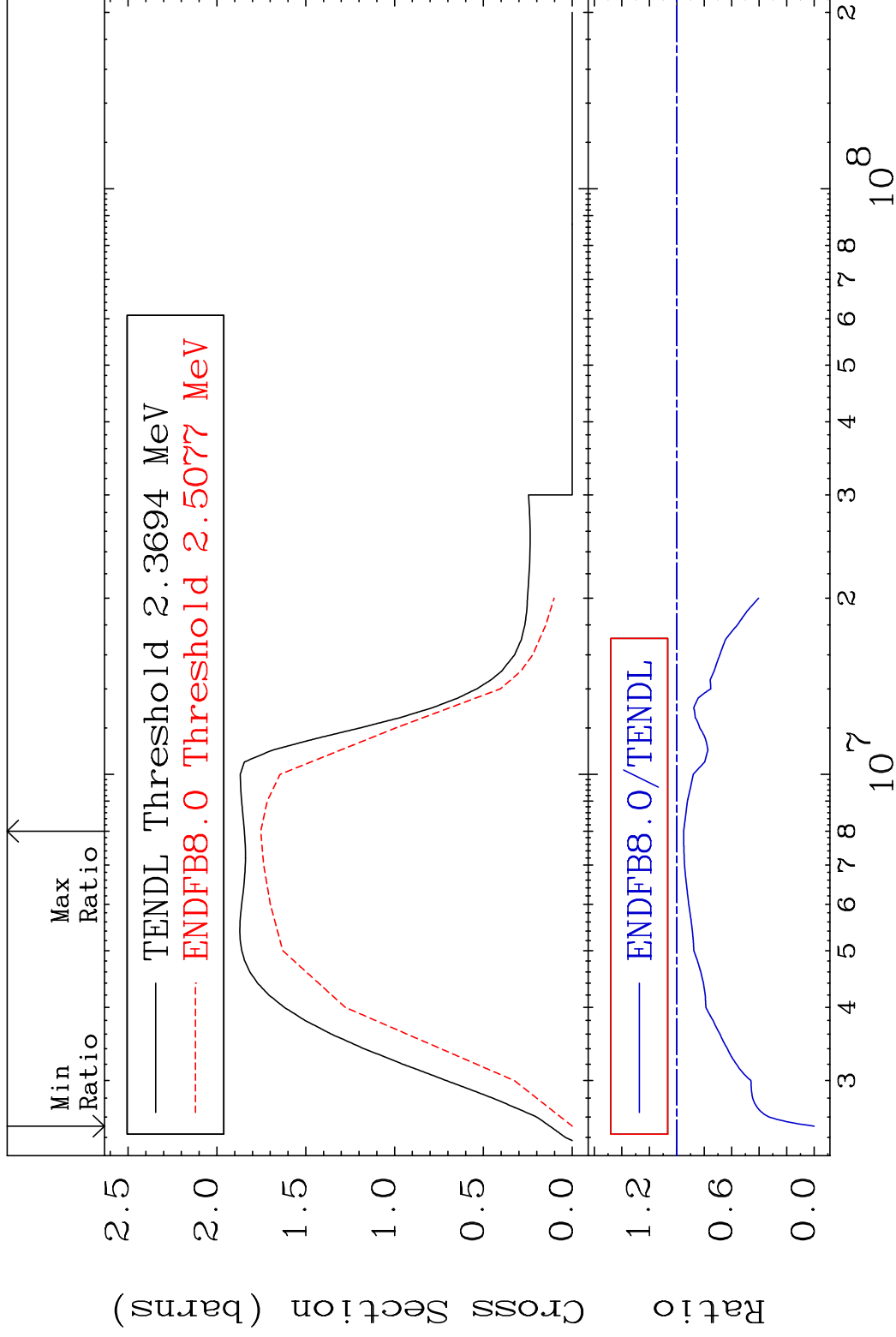


MAT 5431

(n, n') Continuum

54-Xe-126

Cross Section -100.0 To -4.996%



23

Incident Energy (eV)

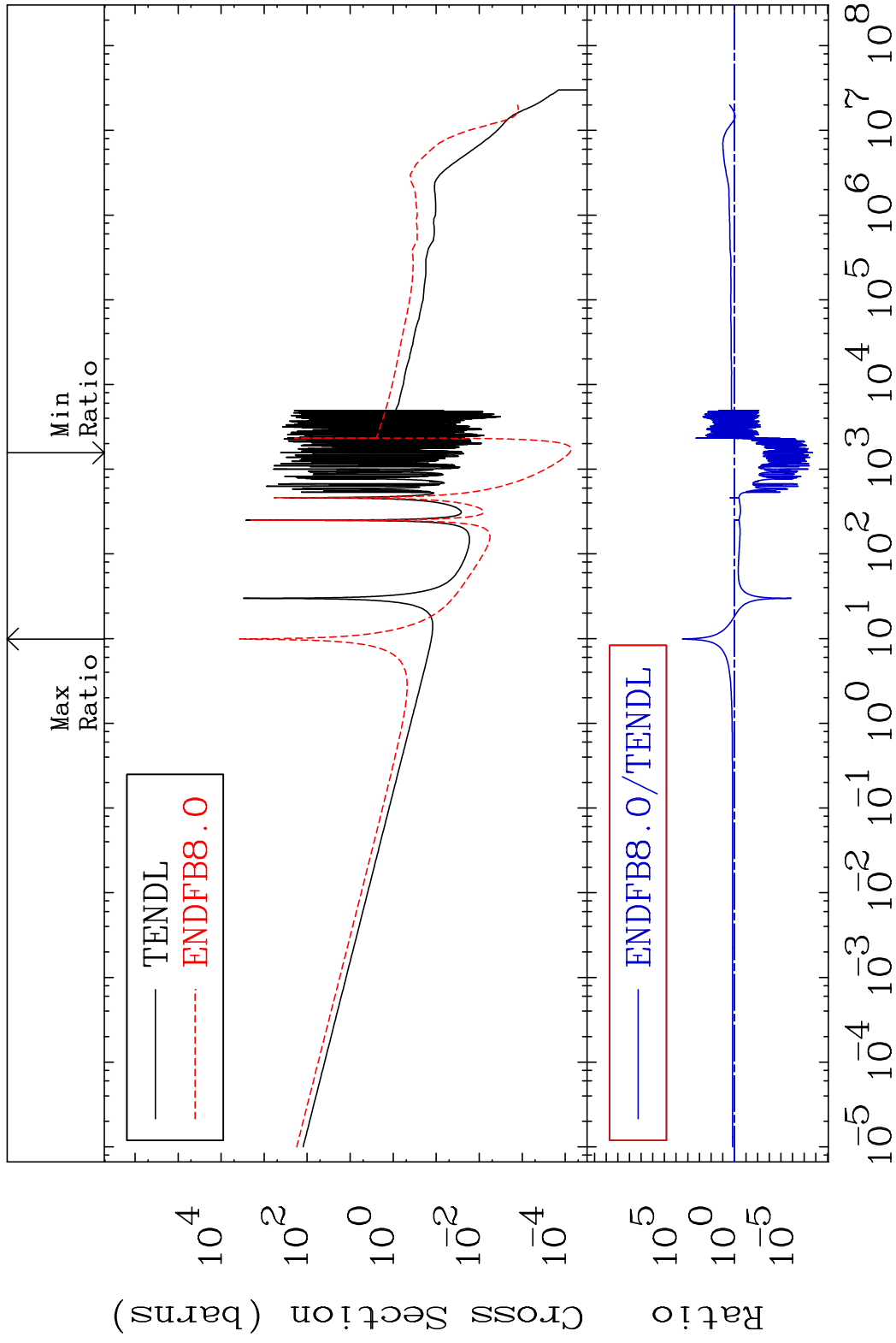
54-Xe-126

MAT 5431

(n,  $\gamma$ )

54-Xe-126

Cross Section -100.0 To 9999. %

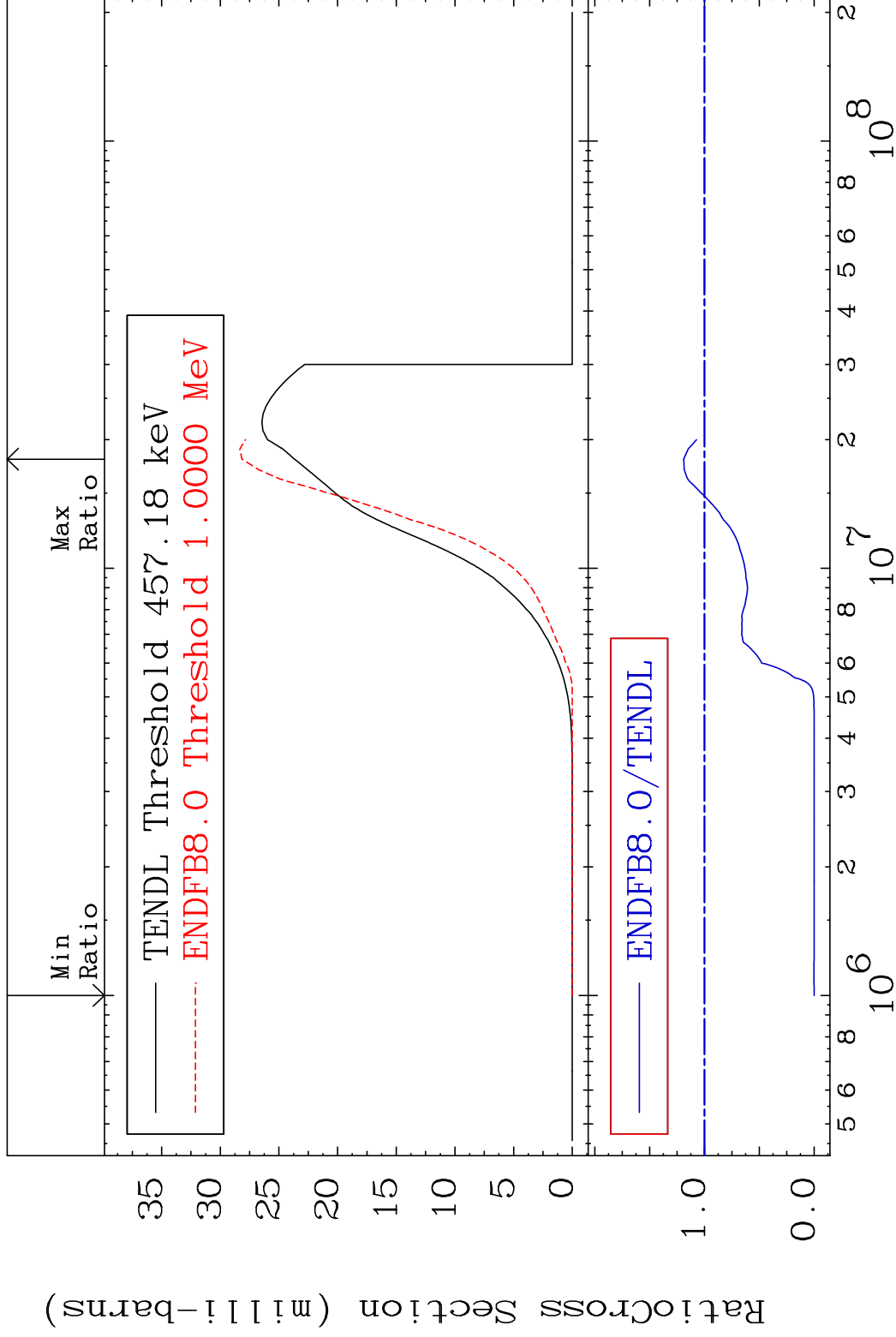


MAT 5431

(n, p)

54-Xe-126

Cross Section -100.0 To 18.93 %



25

Incident Energy (eV)

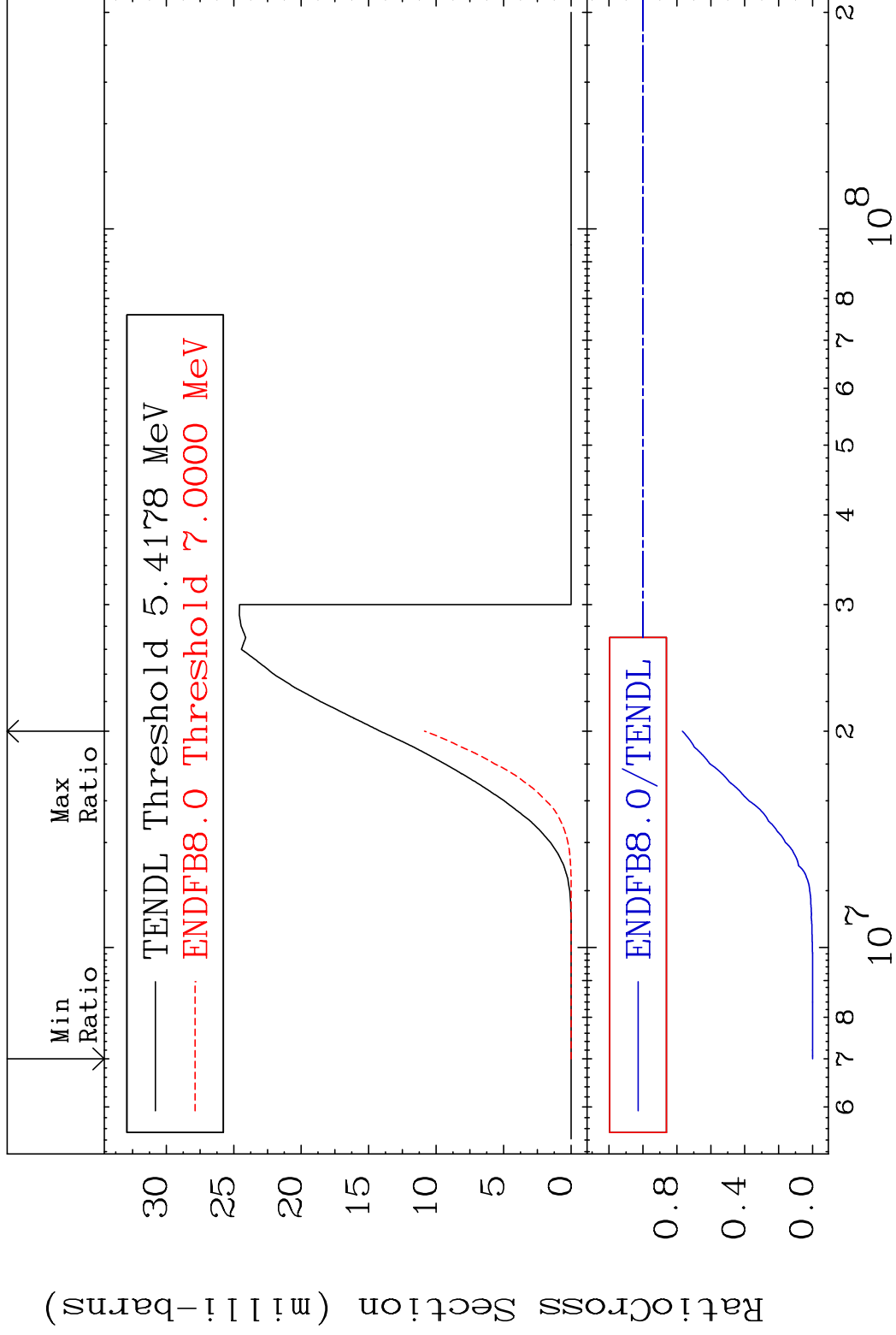
54-Xe-126

MAT 5431

(n,d)

54-Xe-126

Cross Section -100.0 To -23.23%



26

Incident Energy (eV)

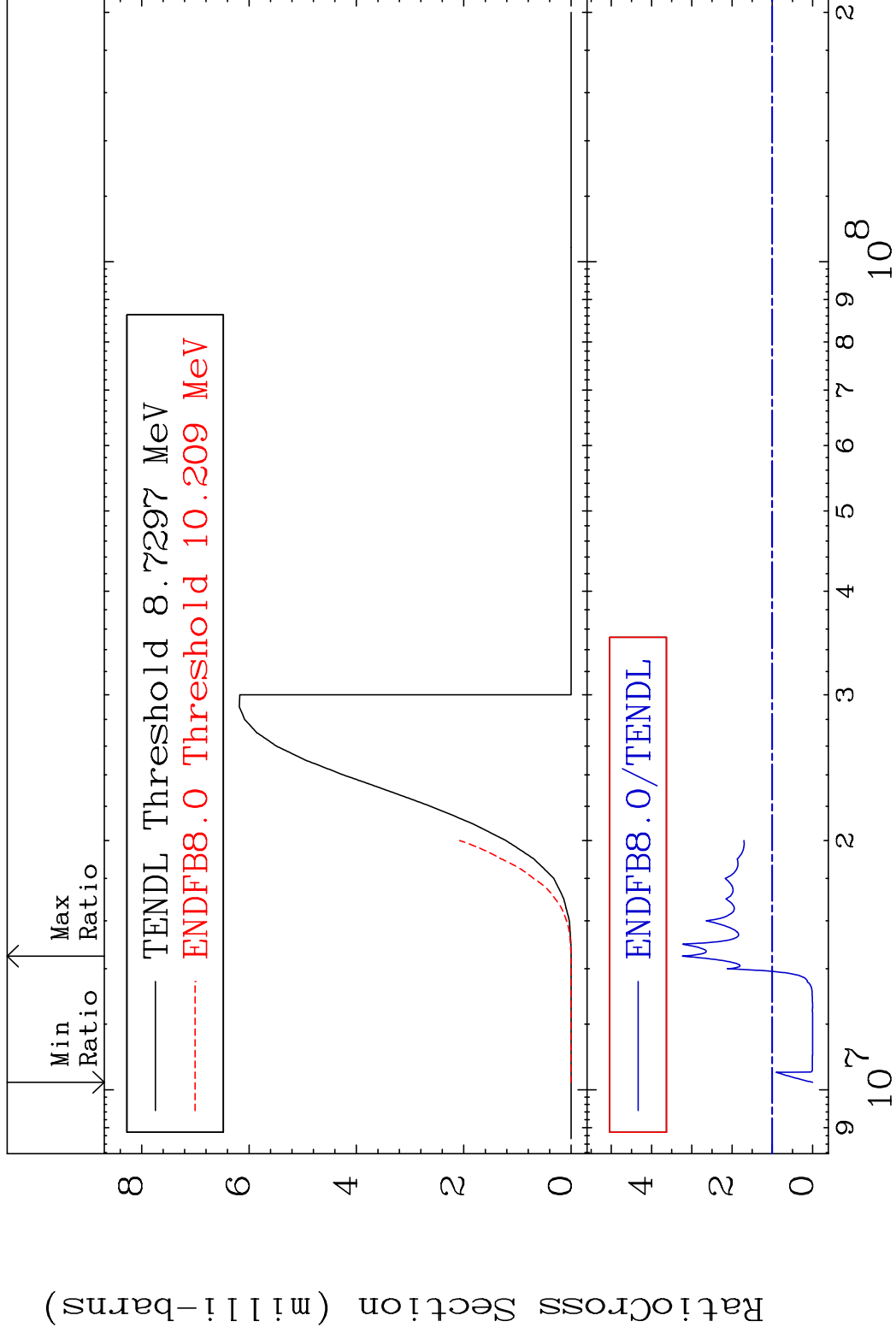
54-Xe-126

MAT 5431

(n, t)

54-Xe-126

Cross Section -100.0 To 223.5 %



27

Incident Energy (eV)

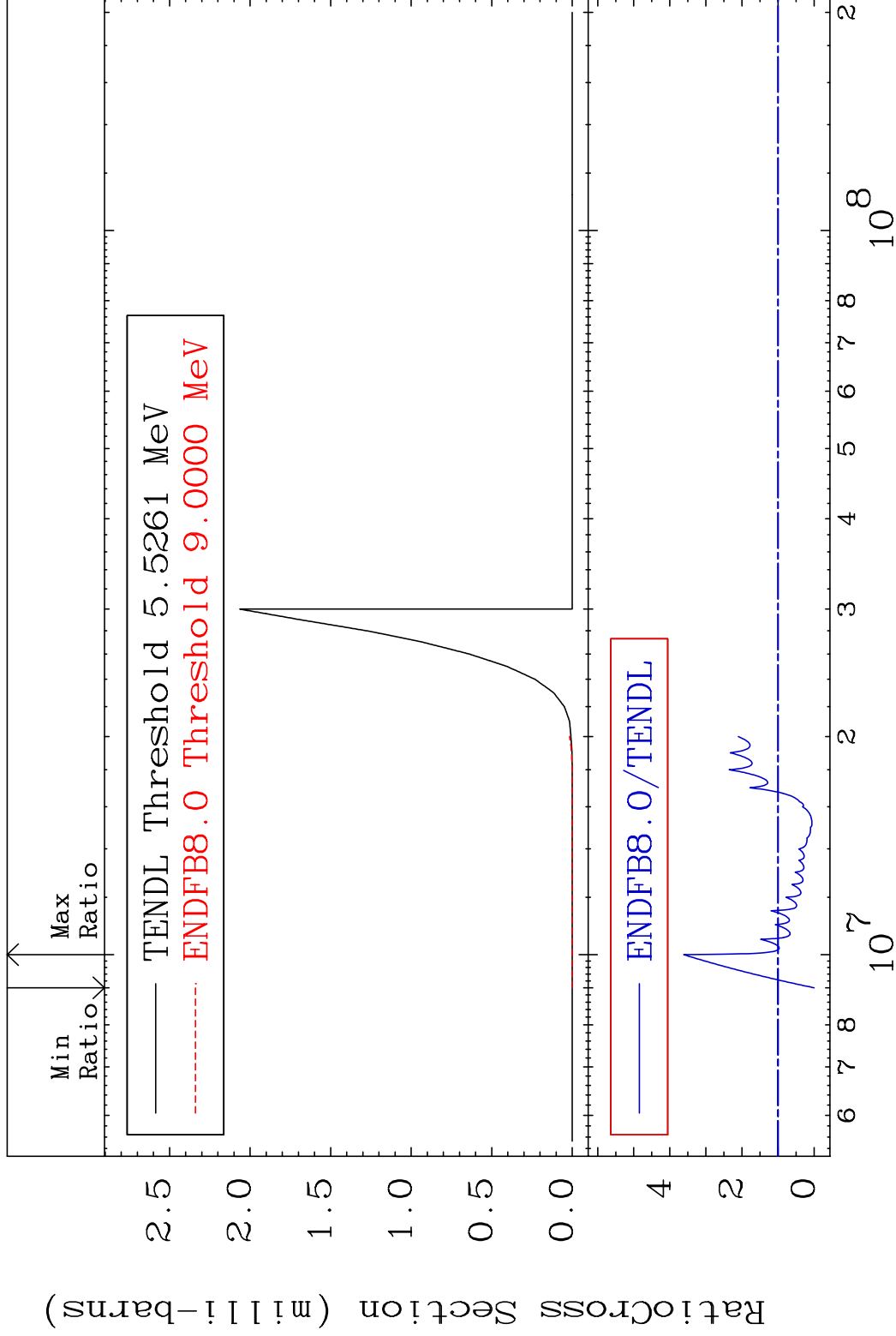
54-Xe-126

MAT 5431

(n, He-3)

54-Xe-126

Cross Section -100.0 To 261.7 %



28

Incident Energy (eV)

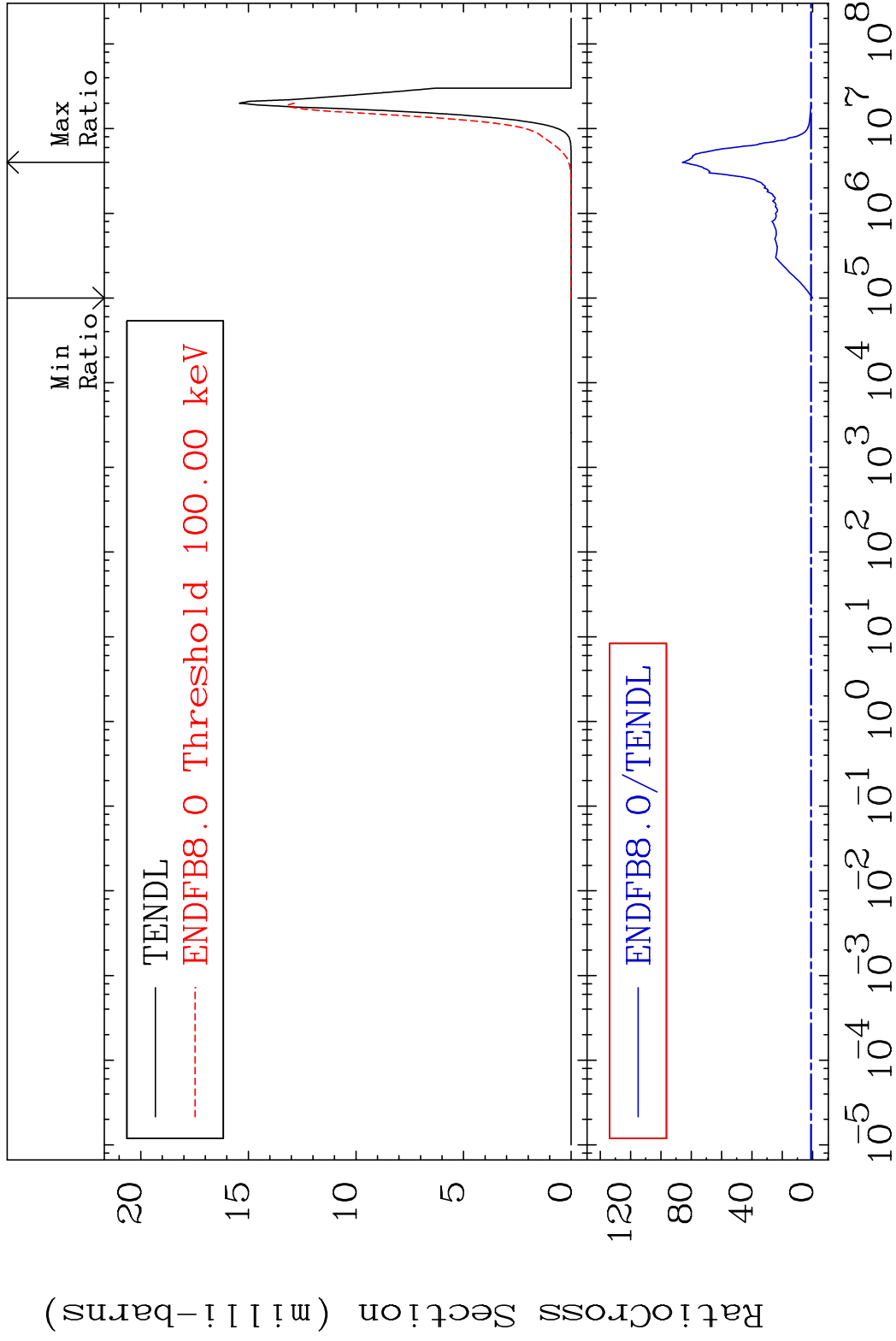
54-Xe-126

MAT 5431

(n,  $\alpha$ )

54-Xe-126

Cross Section -100.0 To 8483. %



29

Incident Energy (eV)

54-Xe-126

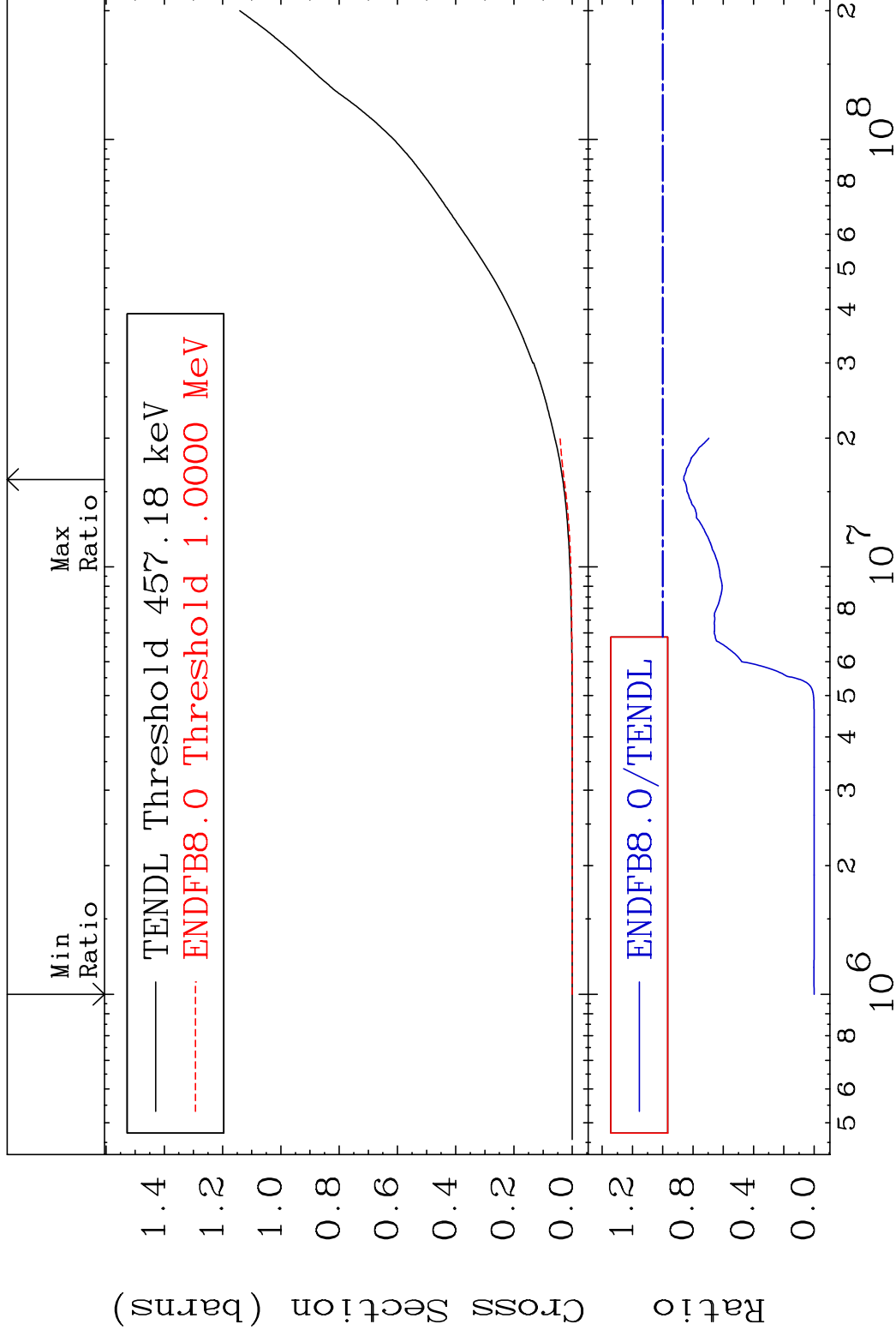
MAT 5431

Hydrogen Production

54-Xe-126

Cross Section

-100.0 To -13.80%



30

Incident Energy (eV)

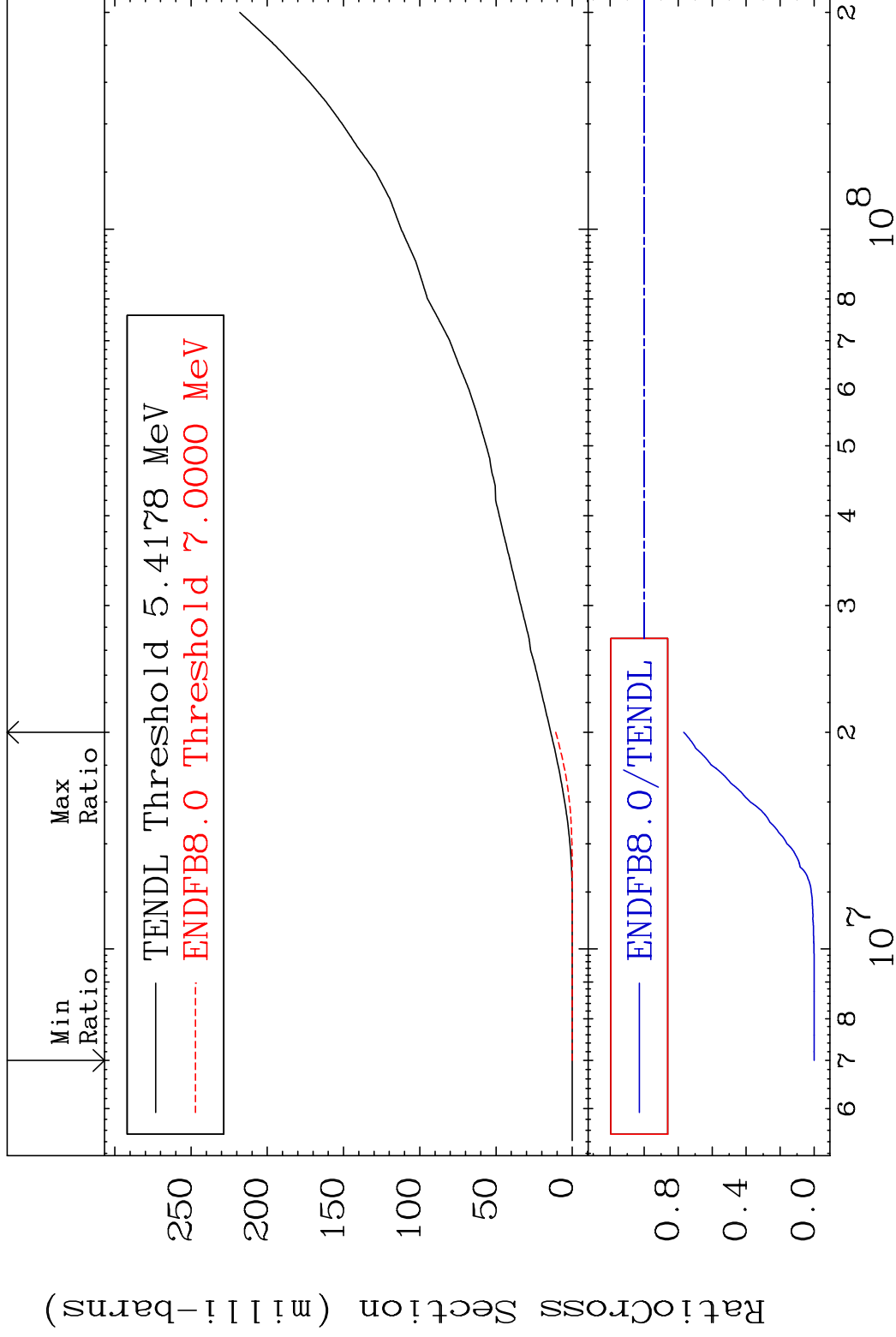
54-Xe-126

MAT 5431

Deuterium Production

54-Xe-126

Cross Section -100.0 To -23.24%



31

Incident Energy (eV)

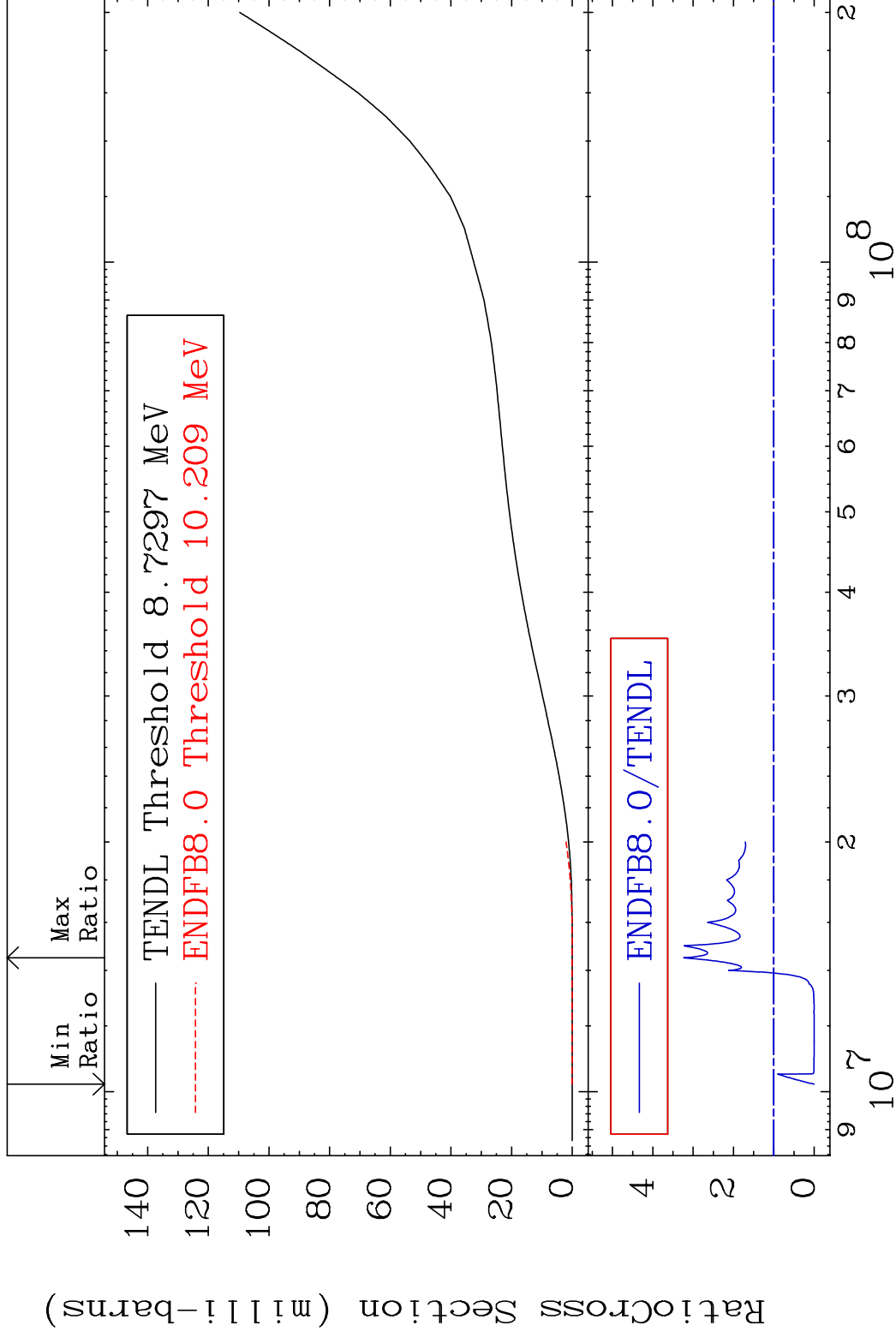
54-Xe-126

MAT 5431

Tritium Production

54-Xe-126

Cross Section -100.0 To 223.5 %



32

Incident Energy (eV)

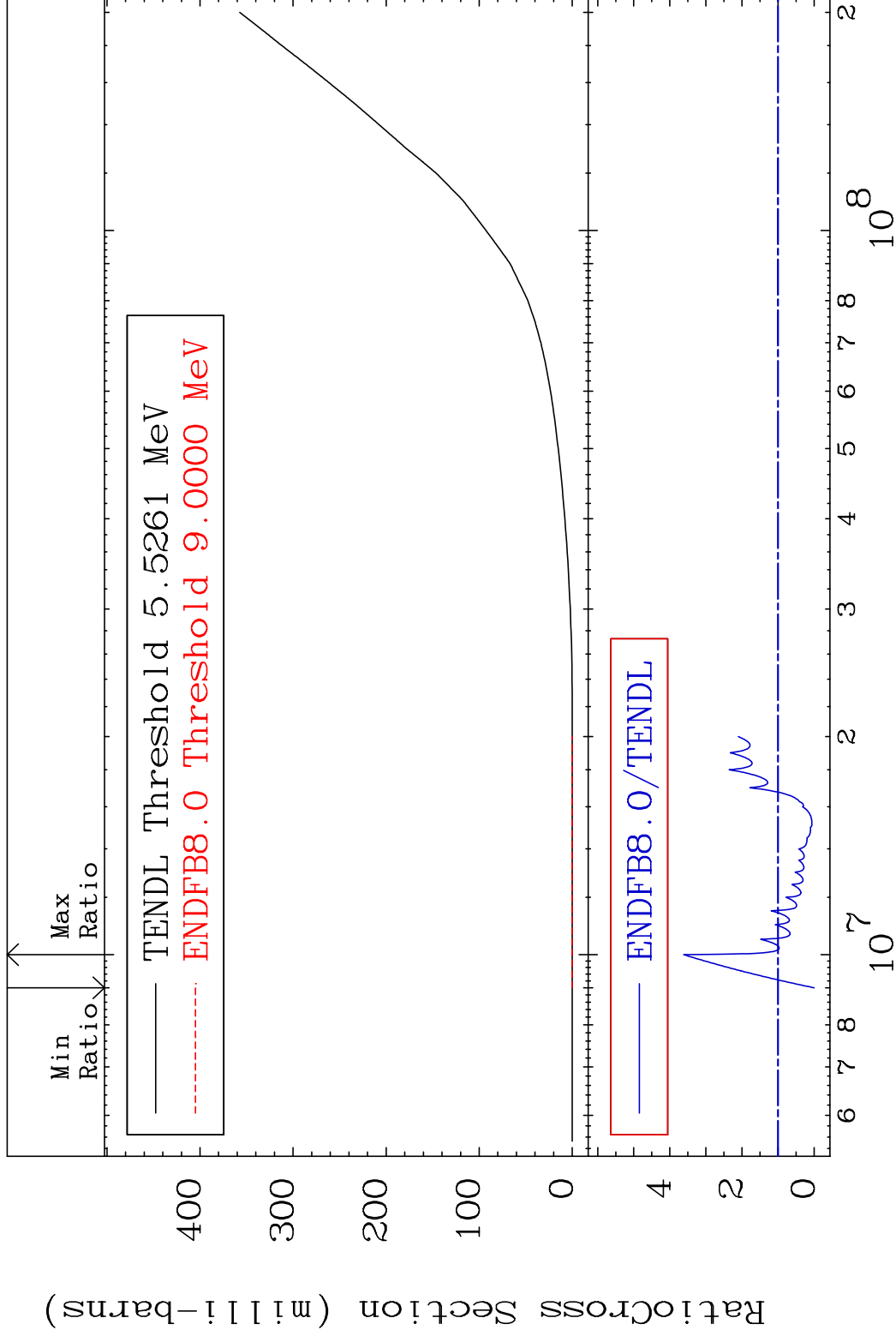
54-Xe-126

MAT 5431

He-3 Production

54-Xe-126

Cross Section -100.0 To 261.7 %



33

Incident Energy (eV)

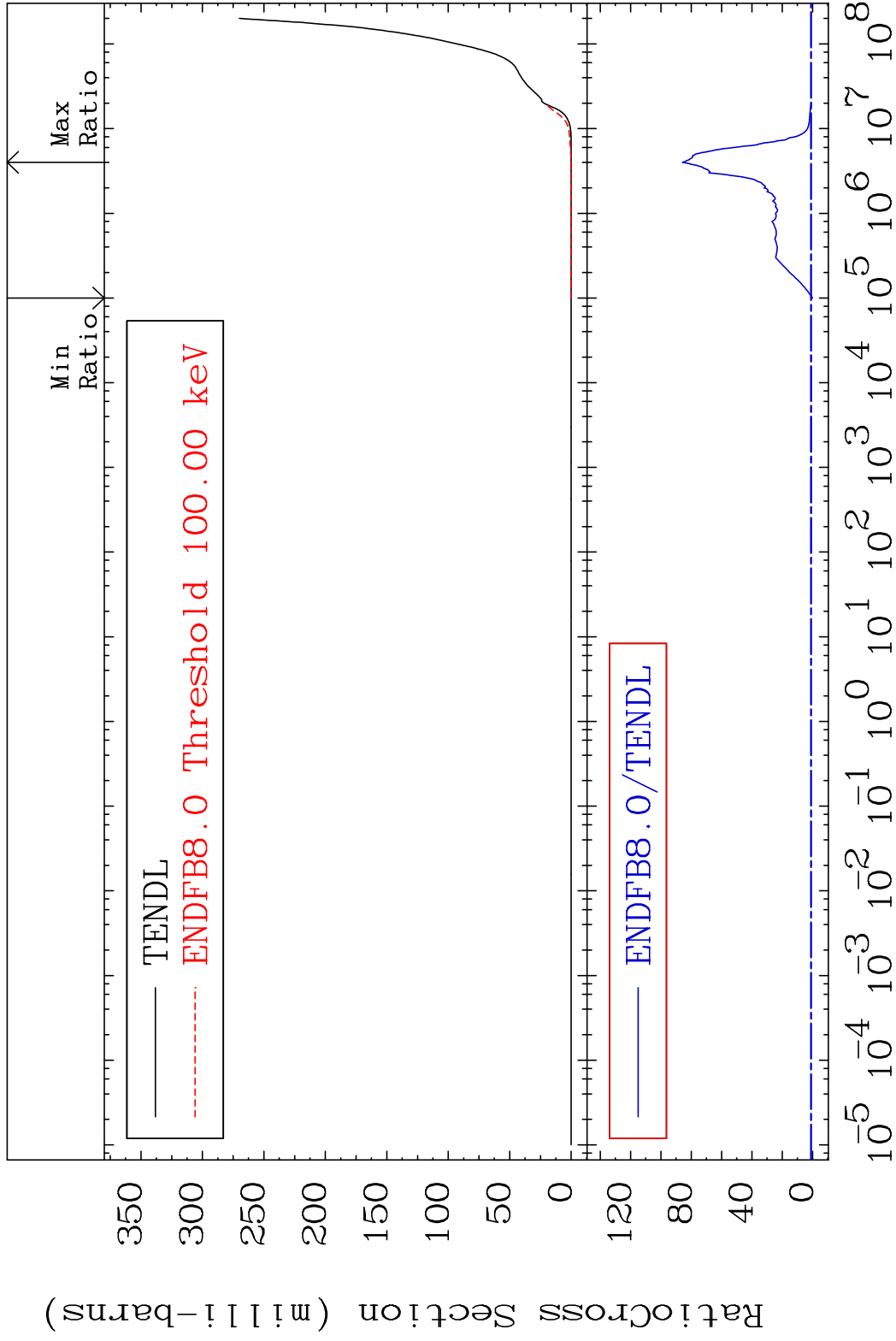
54-Xe-126

MAT 5431

He-4 Production

54-Xe-126

Cross Section -100.0 To 8483. %

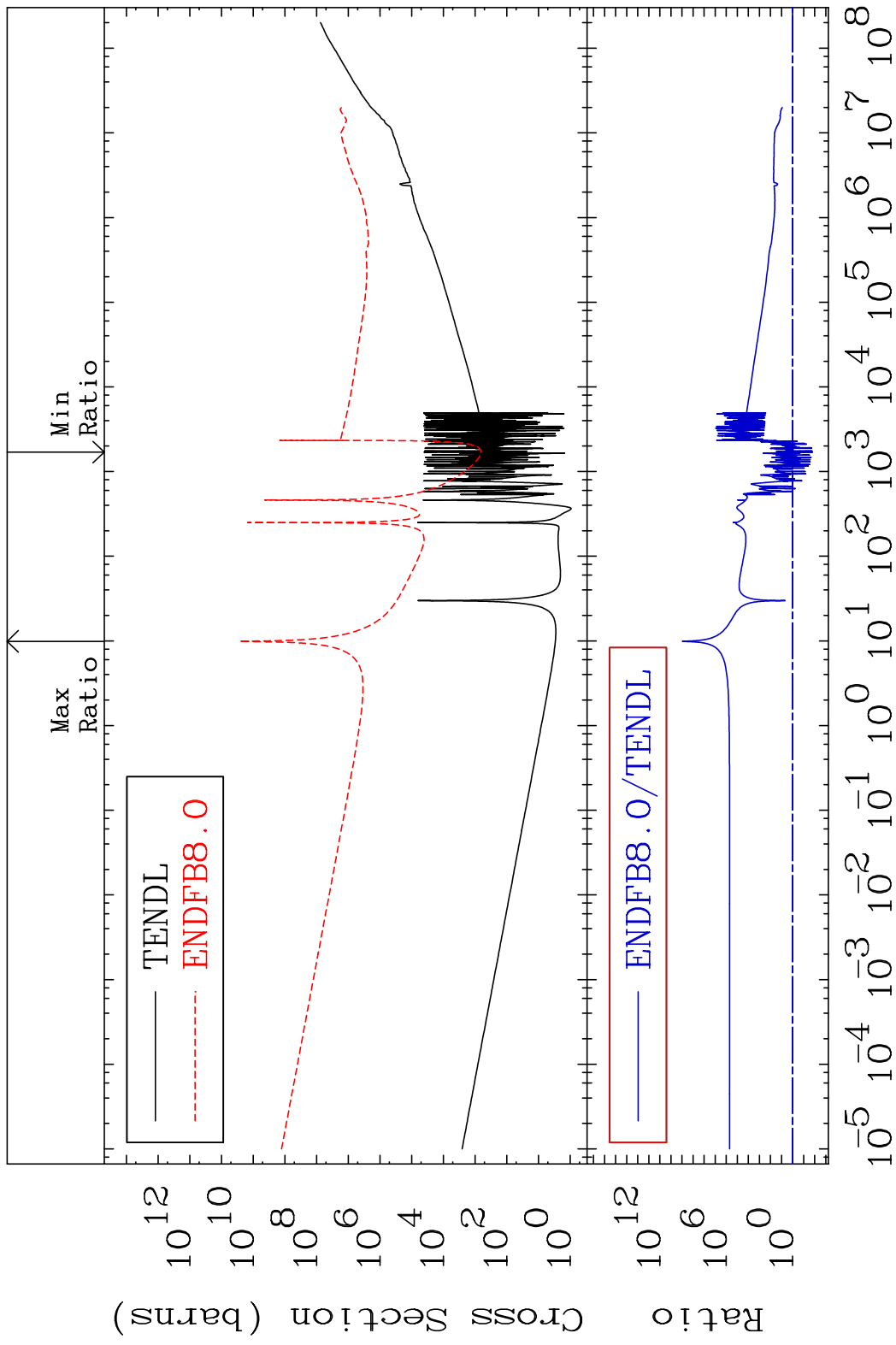


34

Incident Energy (eV)

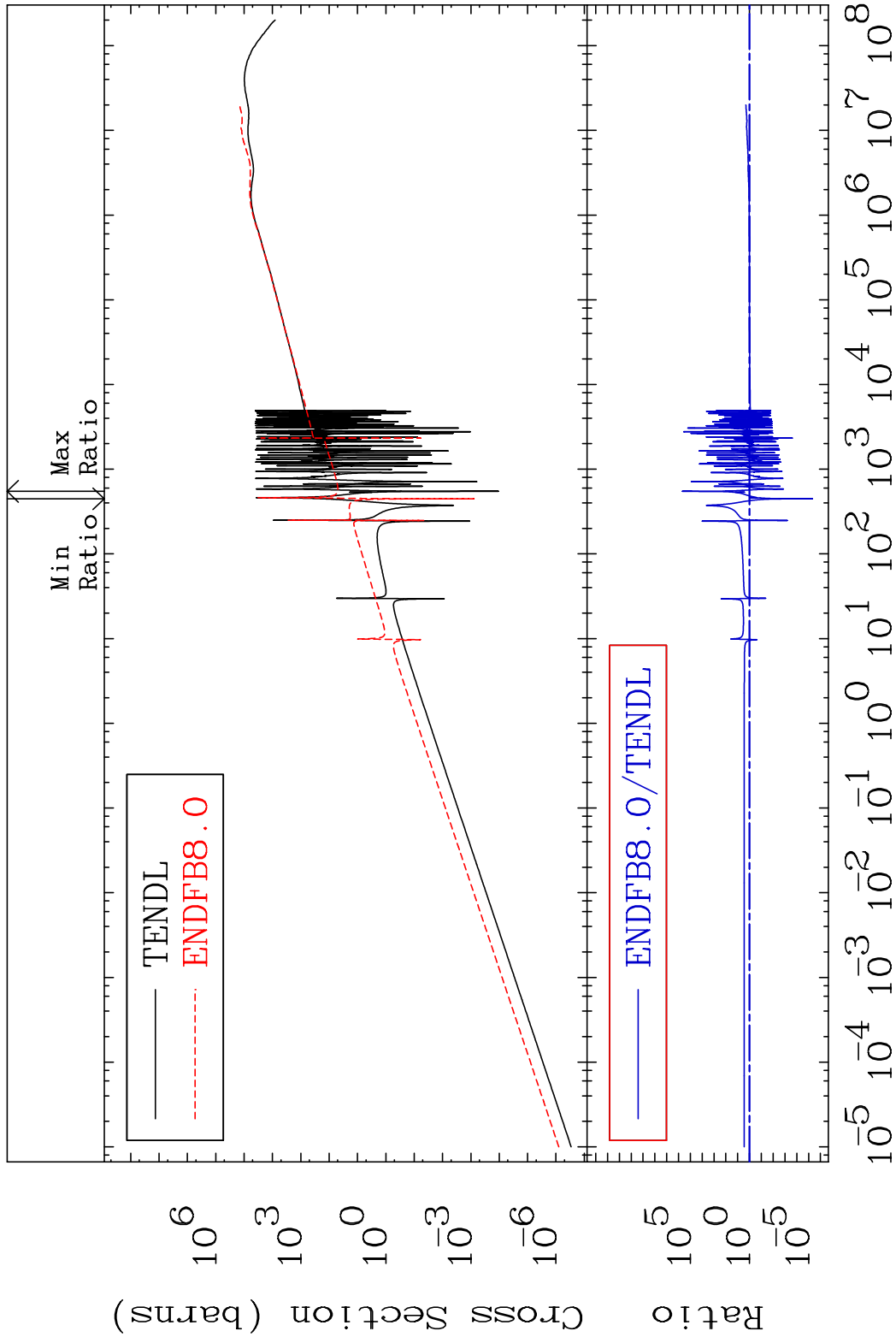
54-Xe-126

MAT 5431 Kerma total (eV-barns) 54-Xe-126  
 Cross Section -98.41 To 9999. %

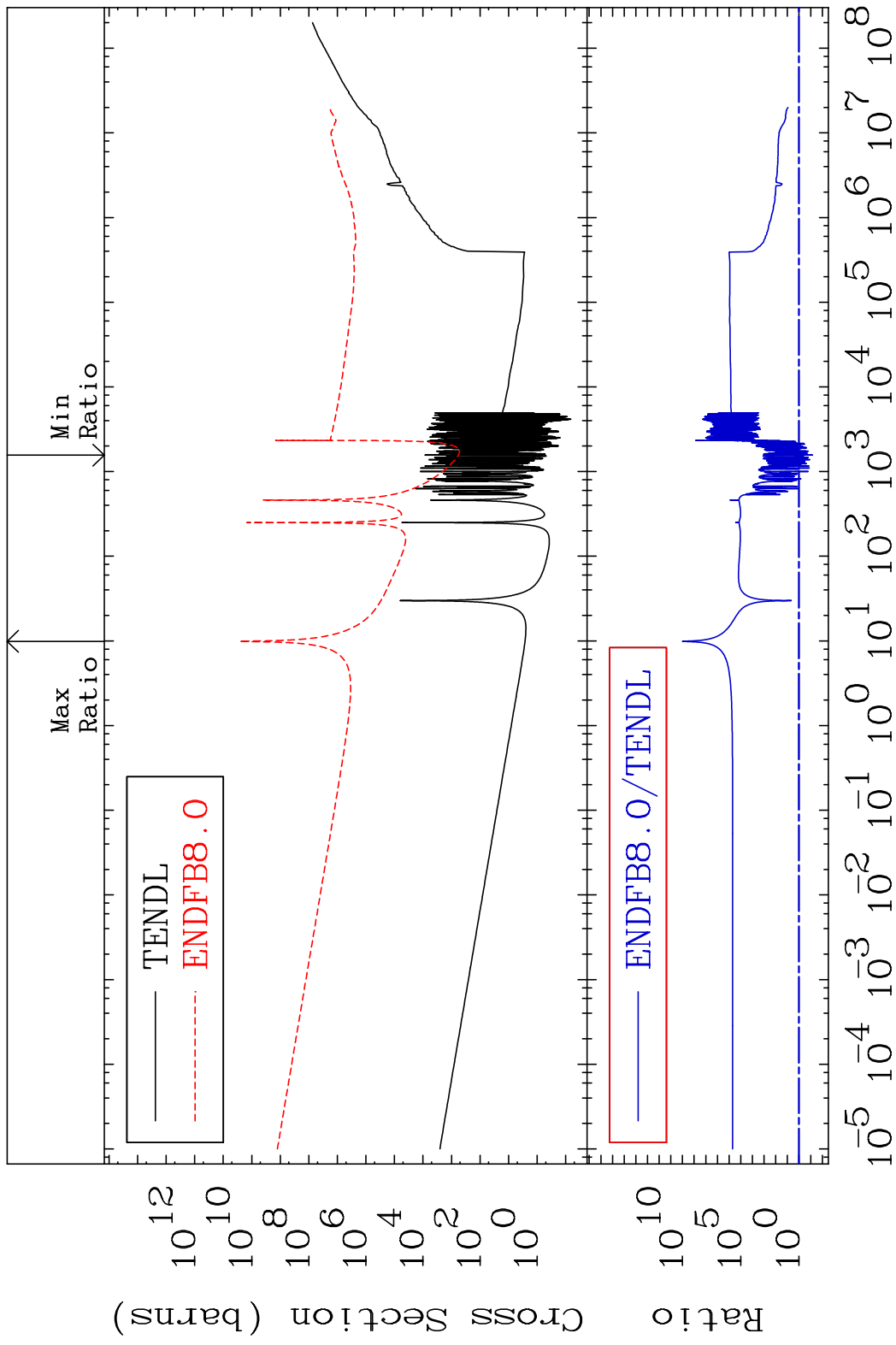


MAT 5431

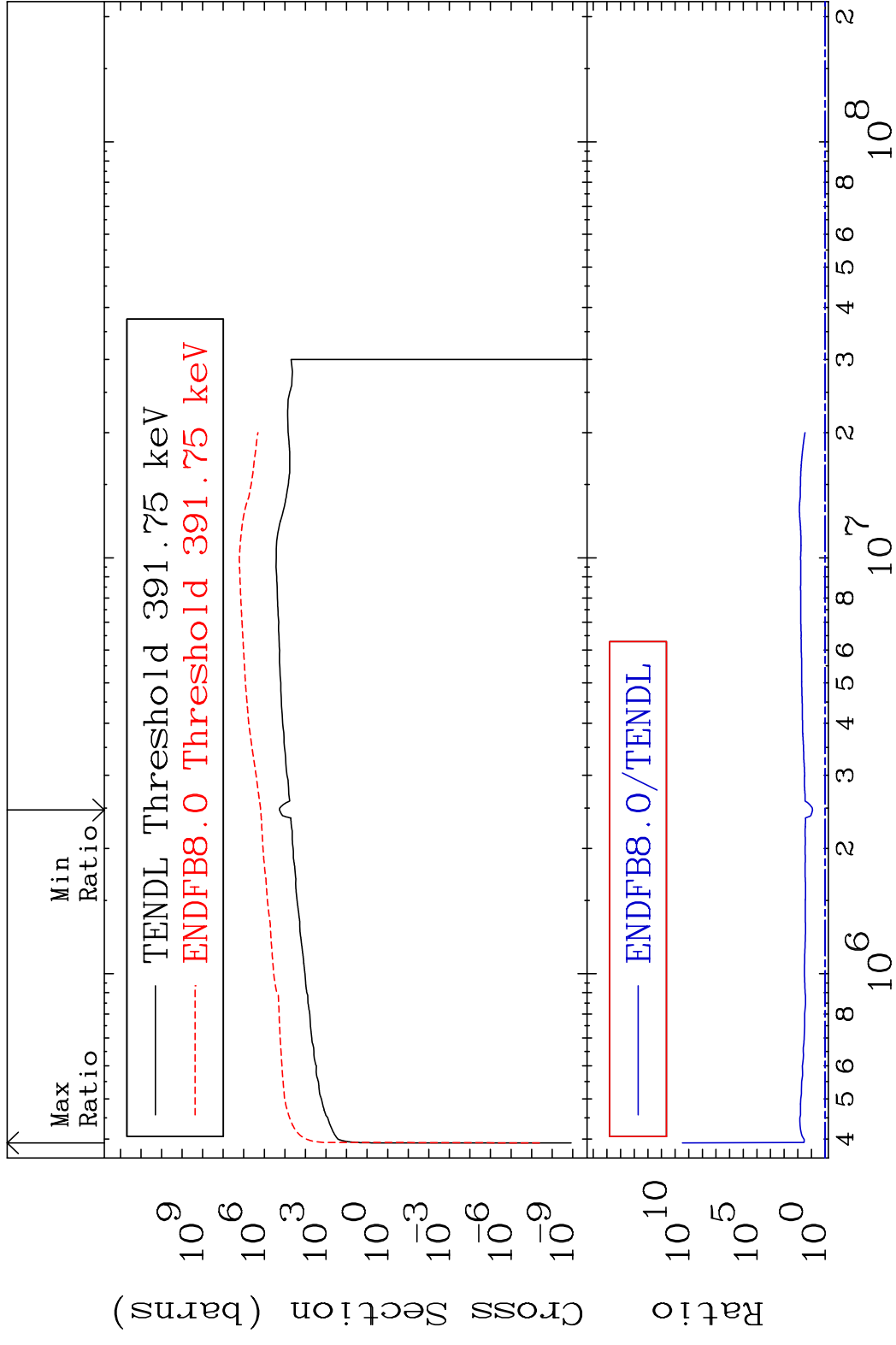
Kerma elastic Cross Section -100.0 To 9999. %  
54-Xe-126



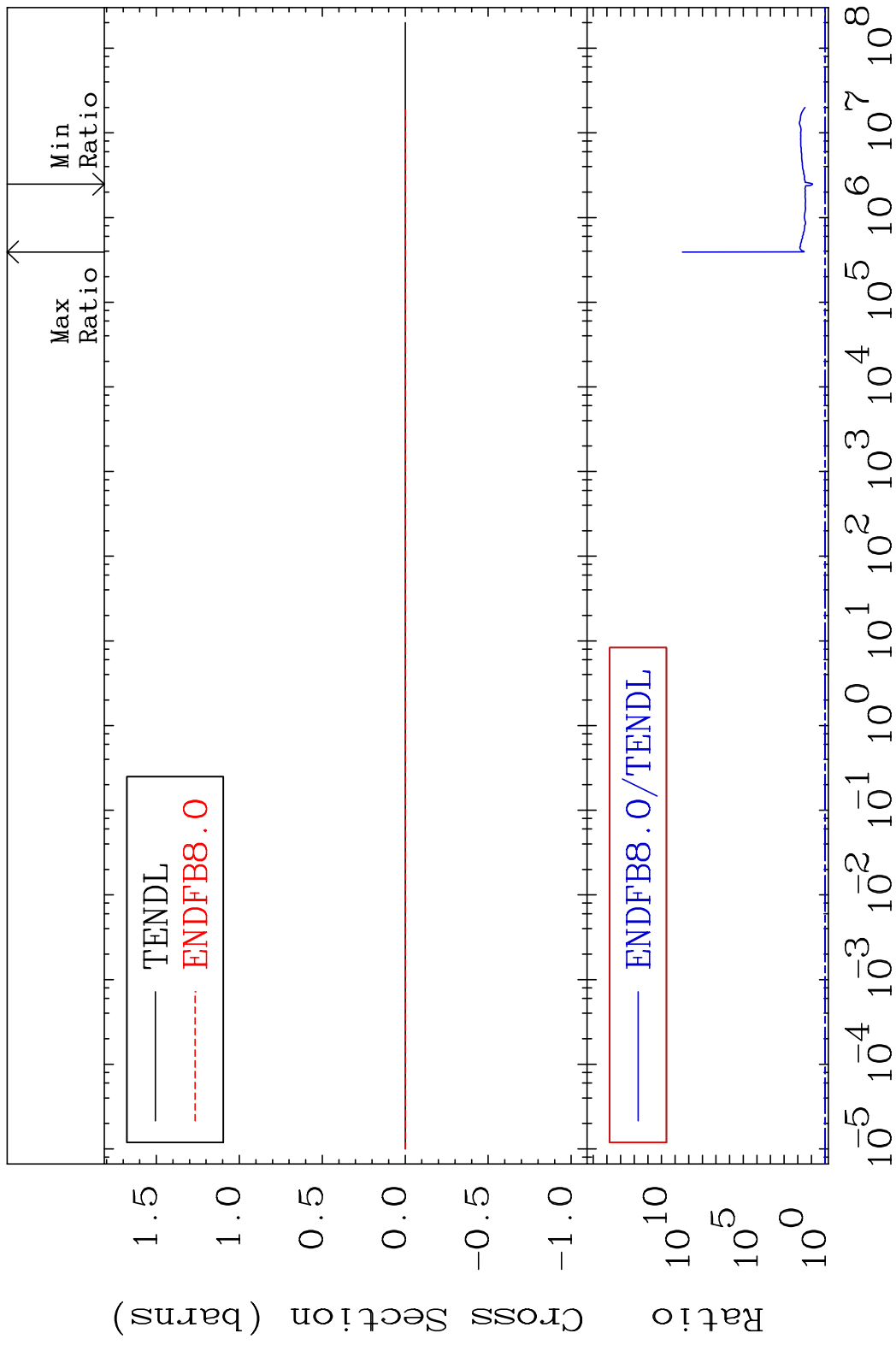
MAT 5431 Kerma non-elastic (all but mt2) 54-Xe-126  
 Cross Section -93.11 To 9999. %



MAT 5431 Kerma inelastic (mt51-91) 54-Xe-126  
 Cross Section 725.4 To 9999. %



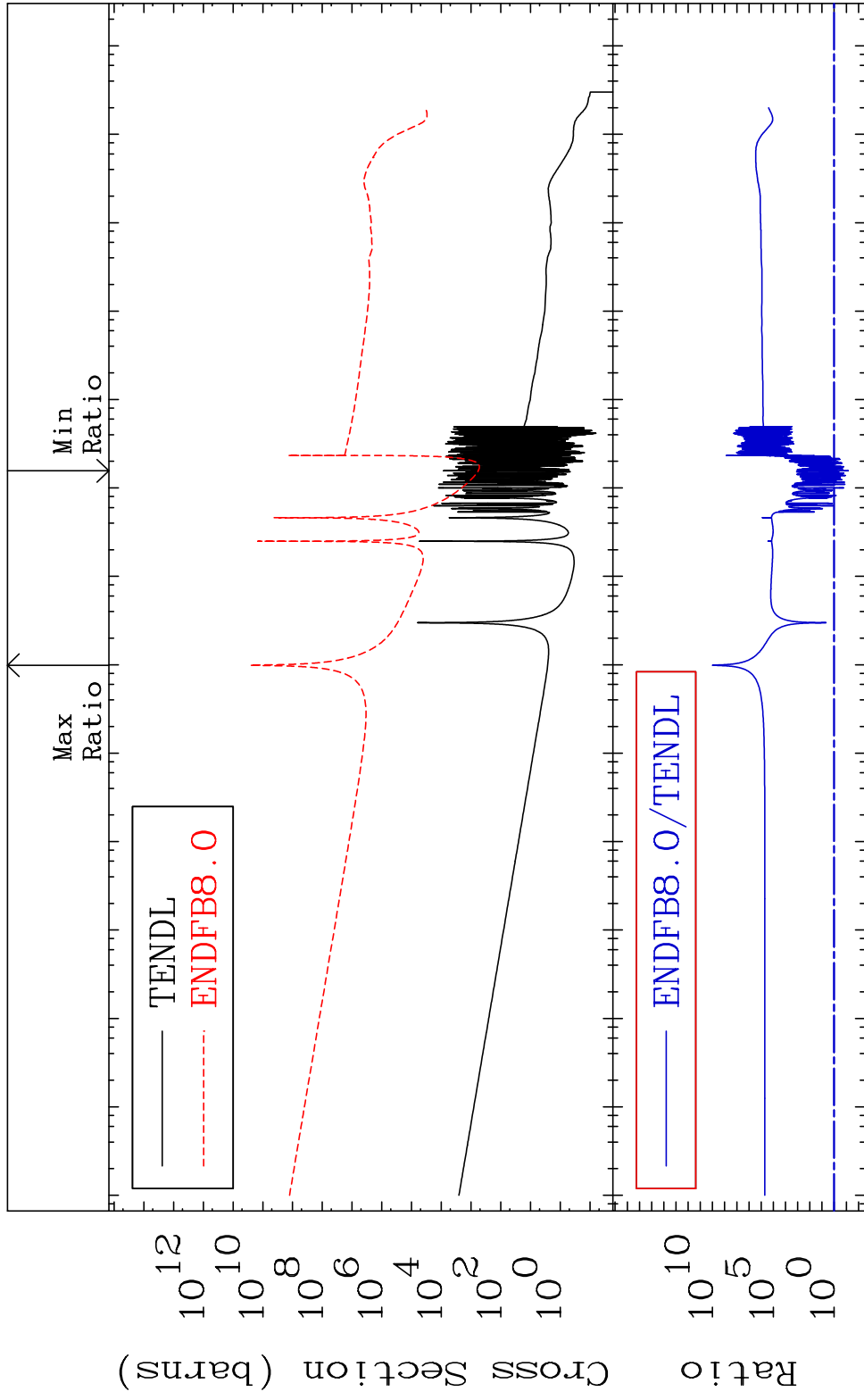
MAT 5431 Kerma fission (mt18 or mt19-20-21-38) 54-Xe-126  
 Cross Section 725.4 To 9999. %



MAT 5431

Kerma capture (mt102) 54-Xe-126

Cross Section -93.11 To 9999. %

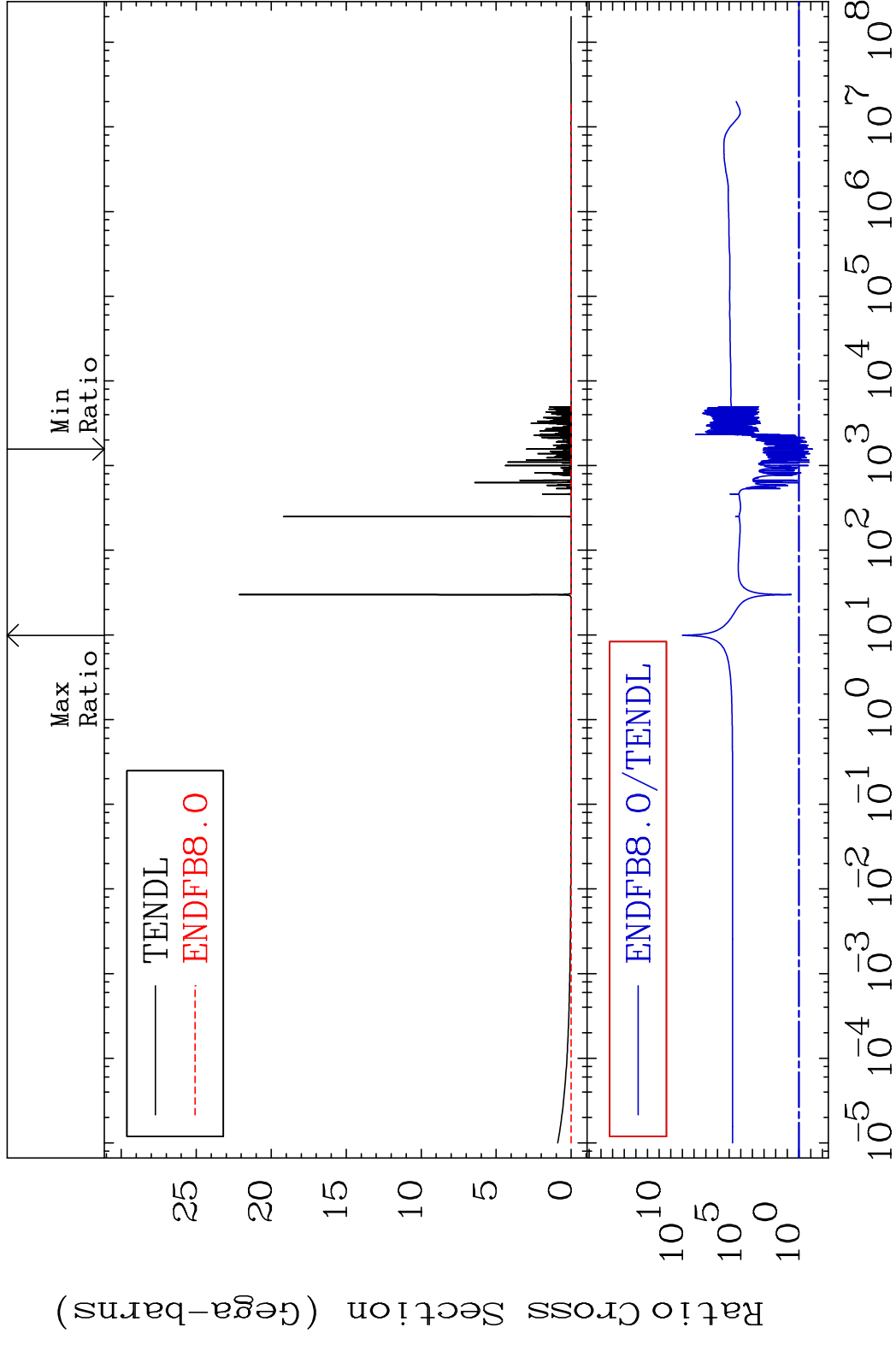


40

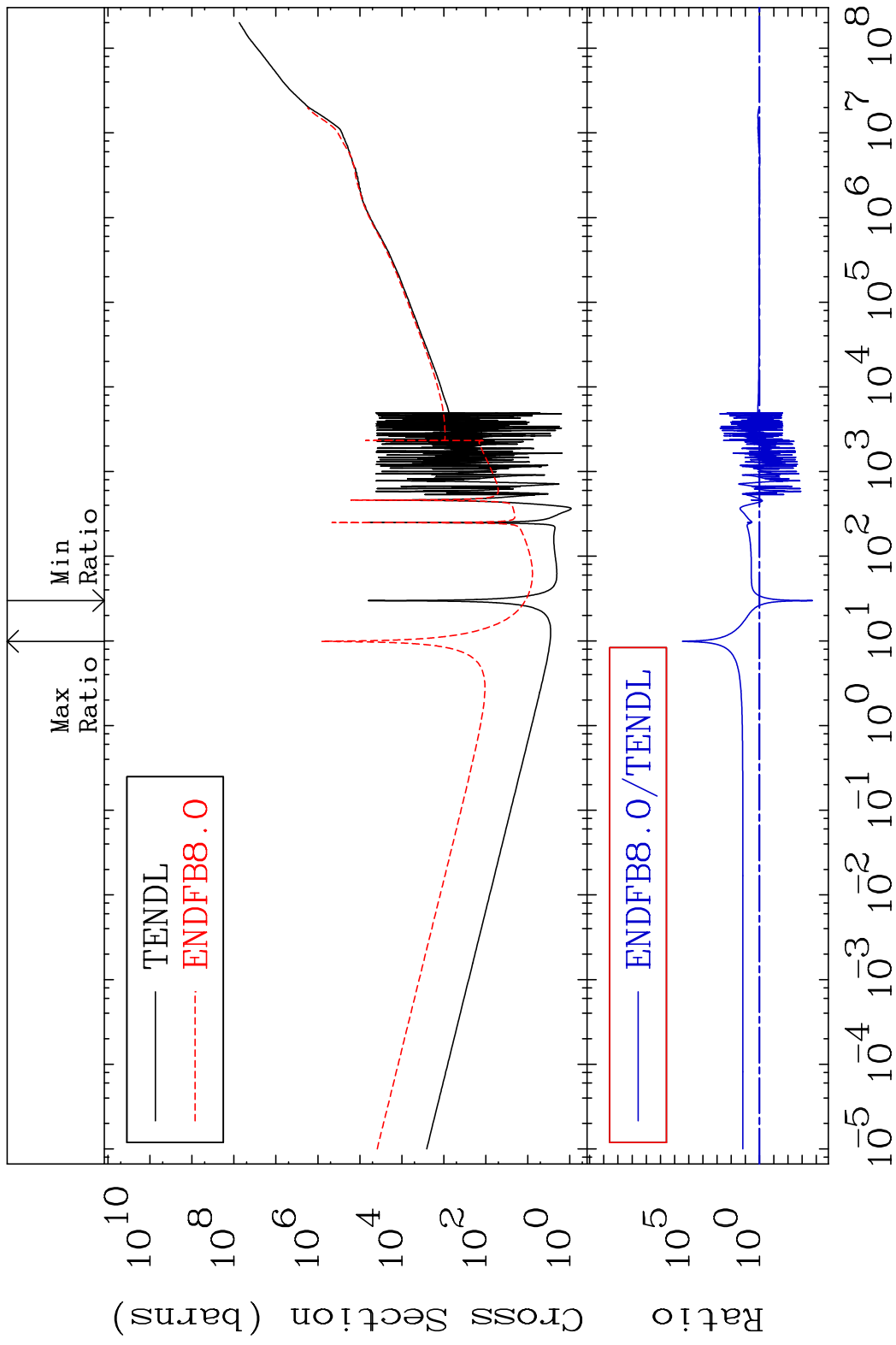
Incident Energy (eV)

54-Xe-126

MAT 5431 Total photon (eV-barns) 54-Xe-126  
 Cross Section -93.11 To 9999. %



MAT 5431 Total kinematic kerma (high limit) 54-Xe-126  
 Cross Section -99.98 To 9999. %

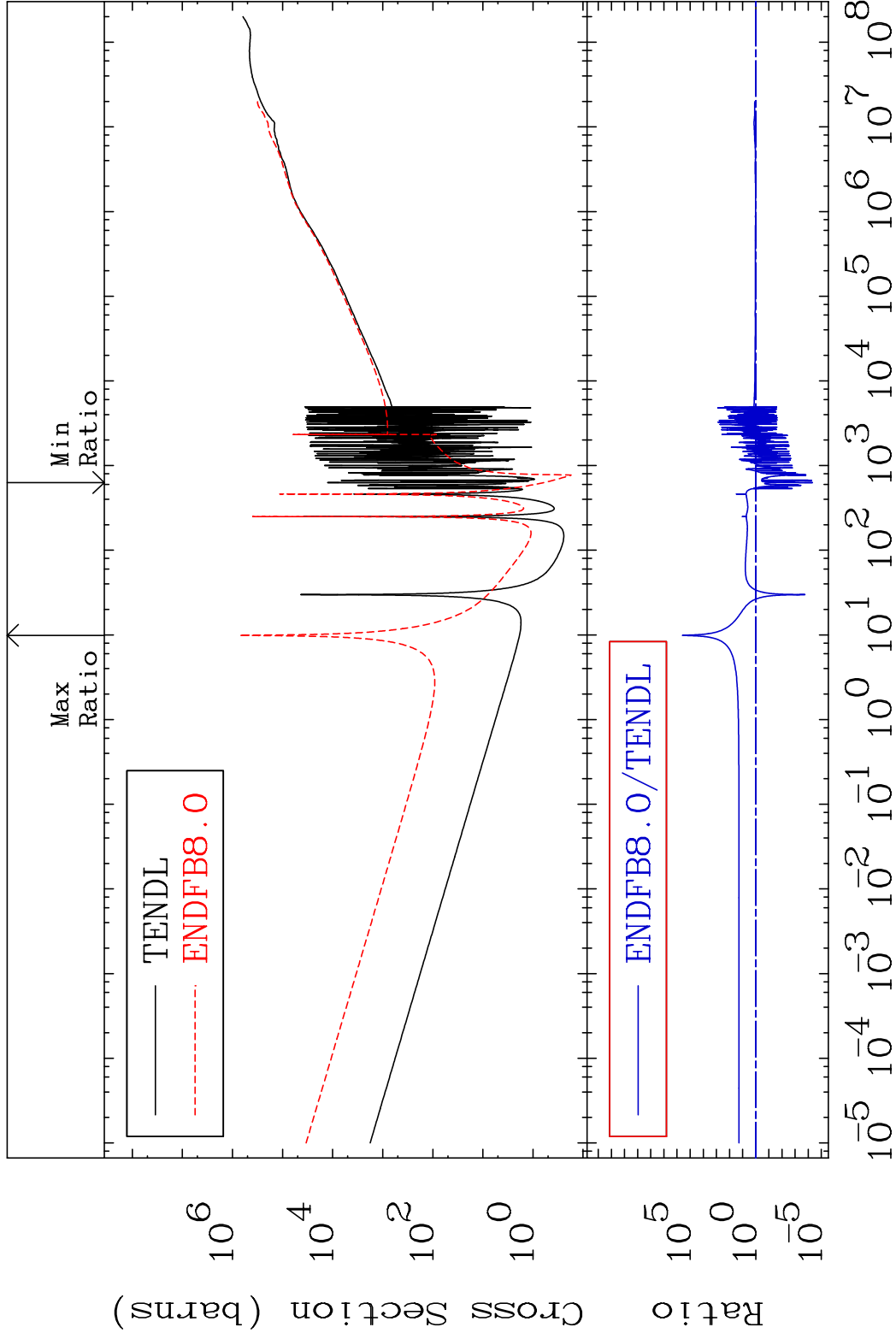


MAT 5431

Dpa total (eV-barns)

54-Xe-126

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

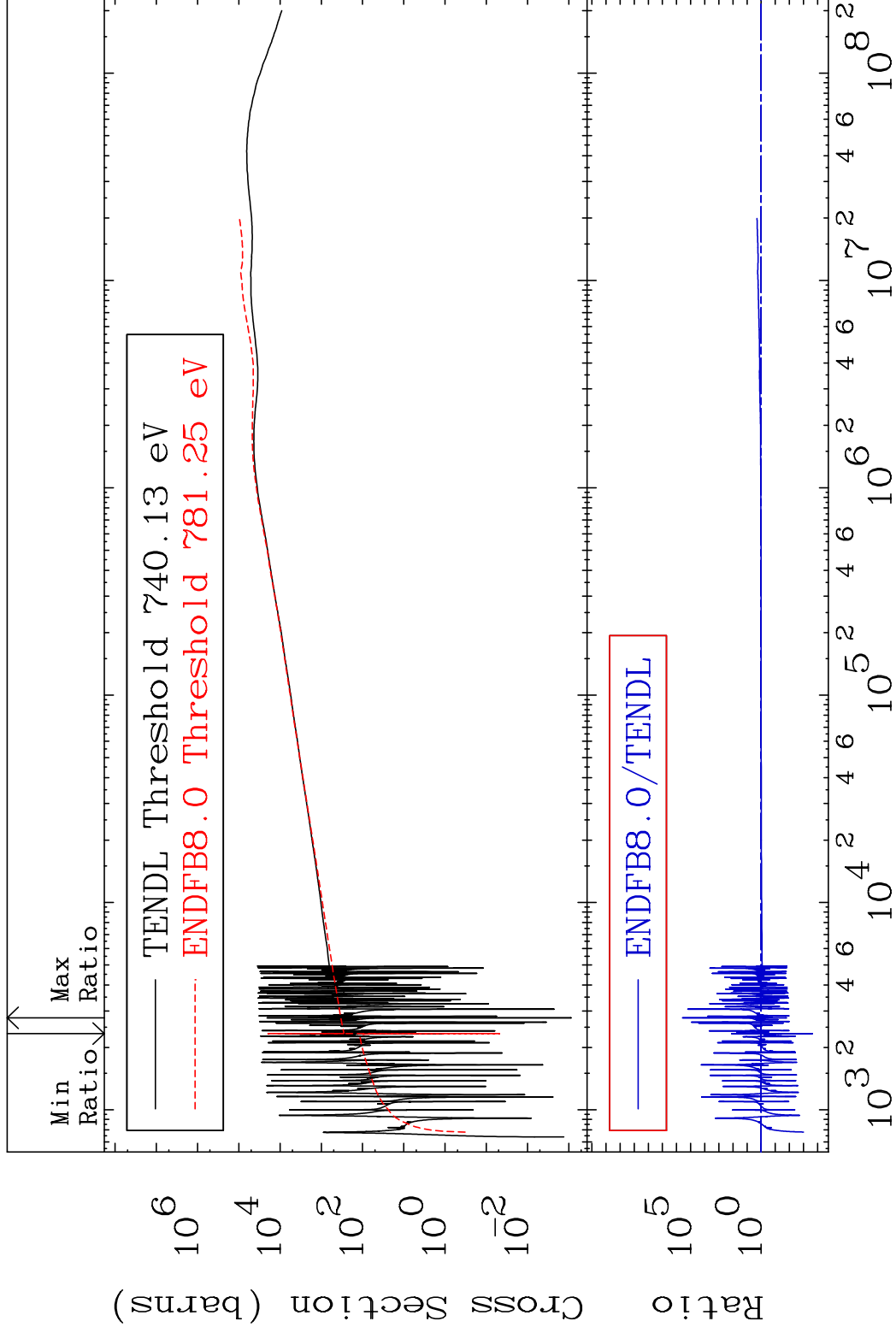
54-Xe-126

MAT 5431

Dpa elastic (mt2)

54-Xe-126

Cross Section -99.98 To 9999. %

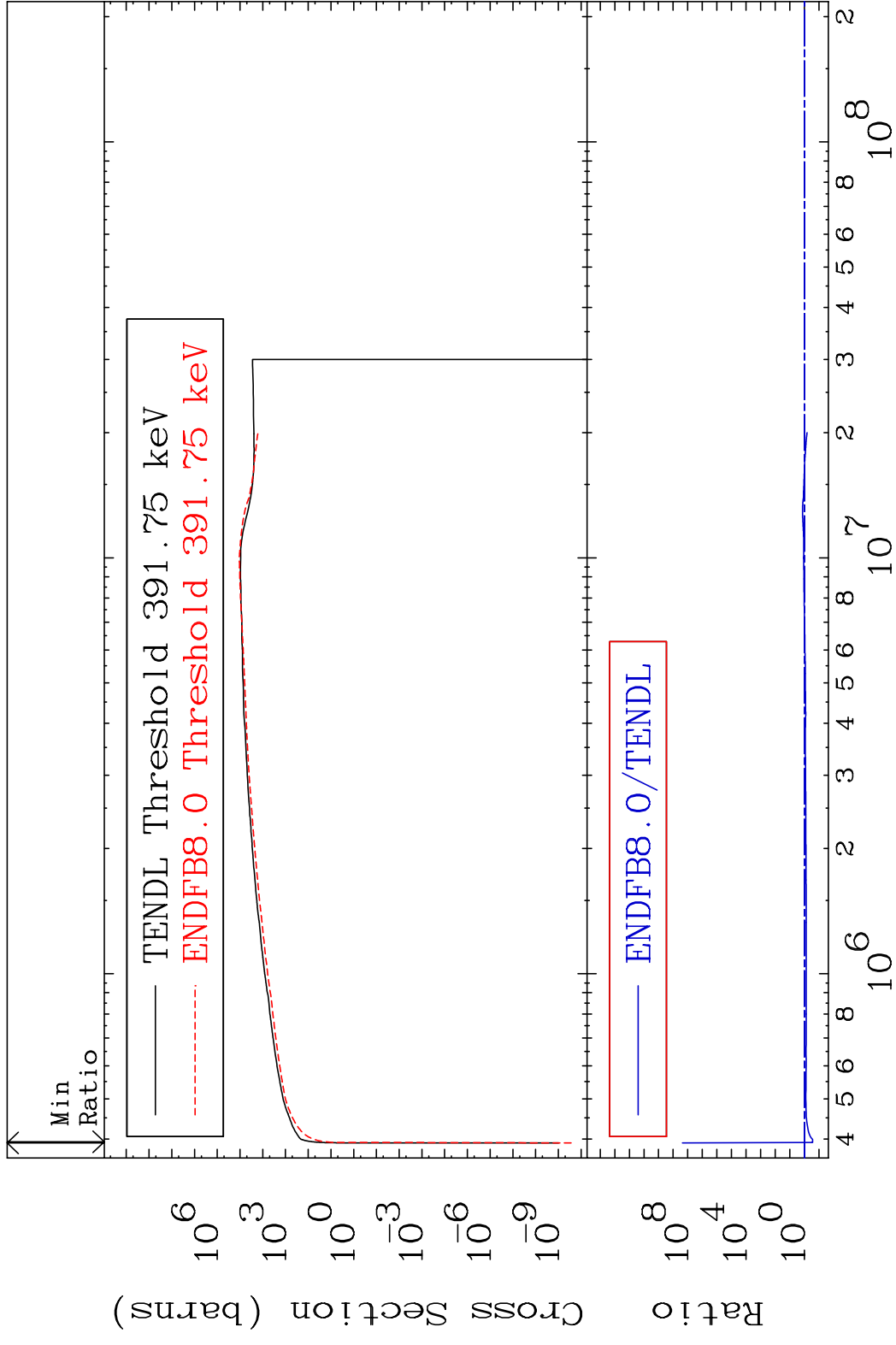


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Incident Energy (eV)

54-Xe-126

MAT 5431      Dpa inelastic (mt51-91)      54-Xe-126  
 Cross Section      -72.46 To 9999. %



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

