

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](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

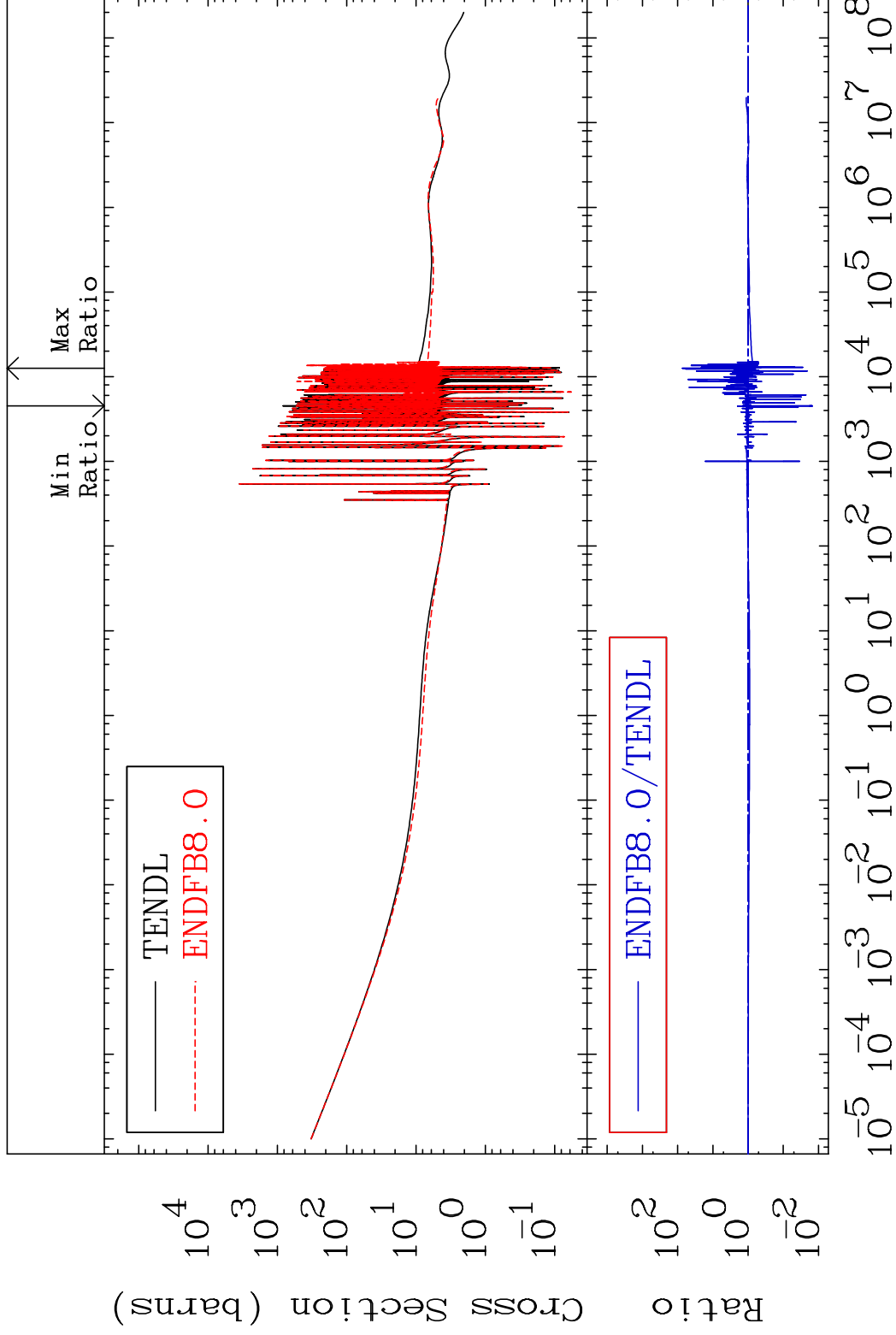
MAT 5237

Total

52-Te-124

Cross Section

-98.53 To 7241. %



1

Incident Energy (eV)

52-Te-124

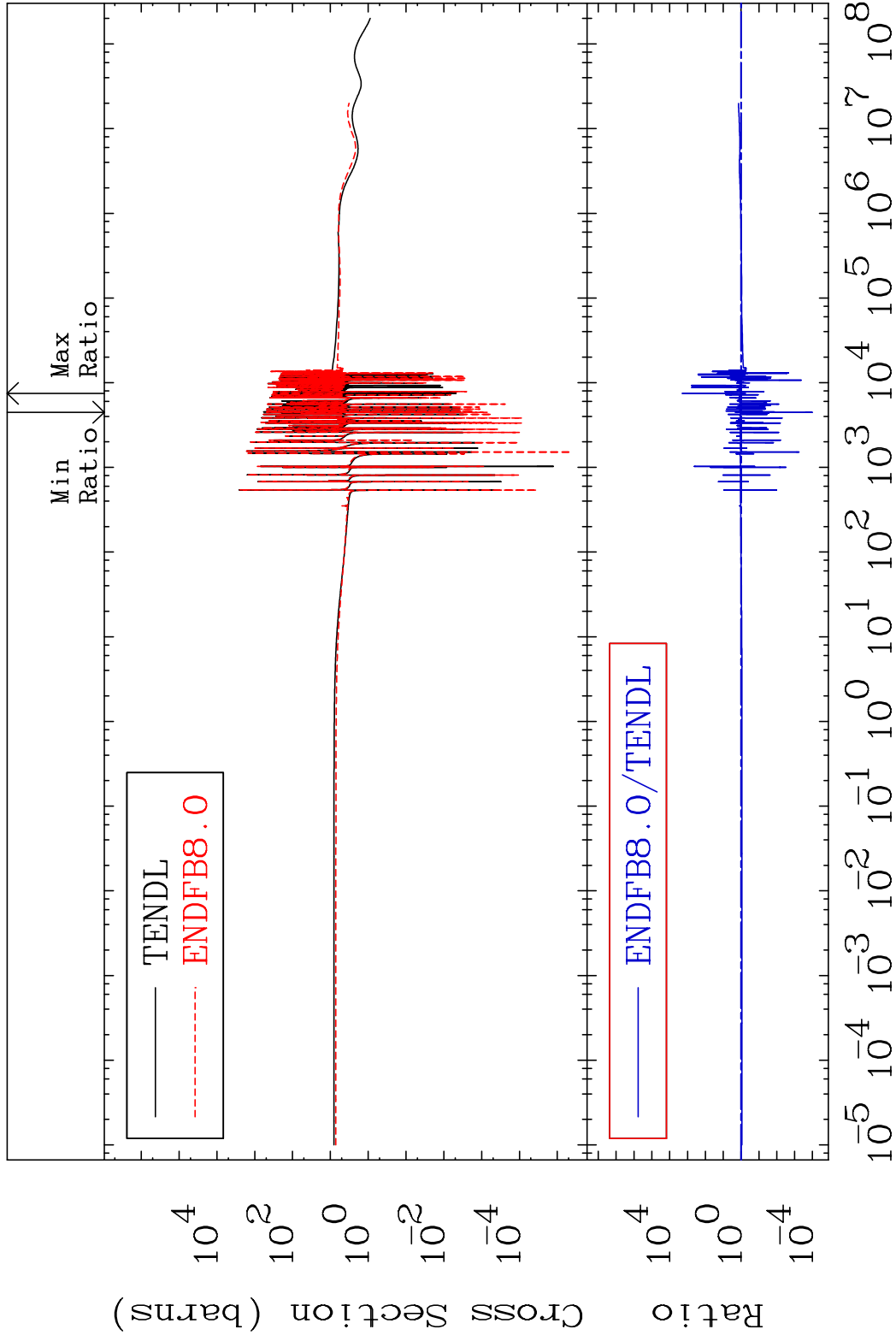
MAT 5237

Elastic

52-Te-124

Cross Section

-99.99 To 9999. %



2

Incident Energy (eV)

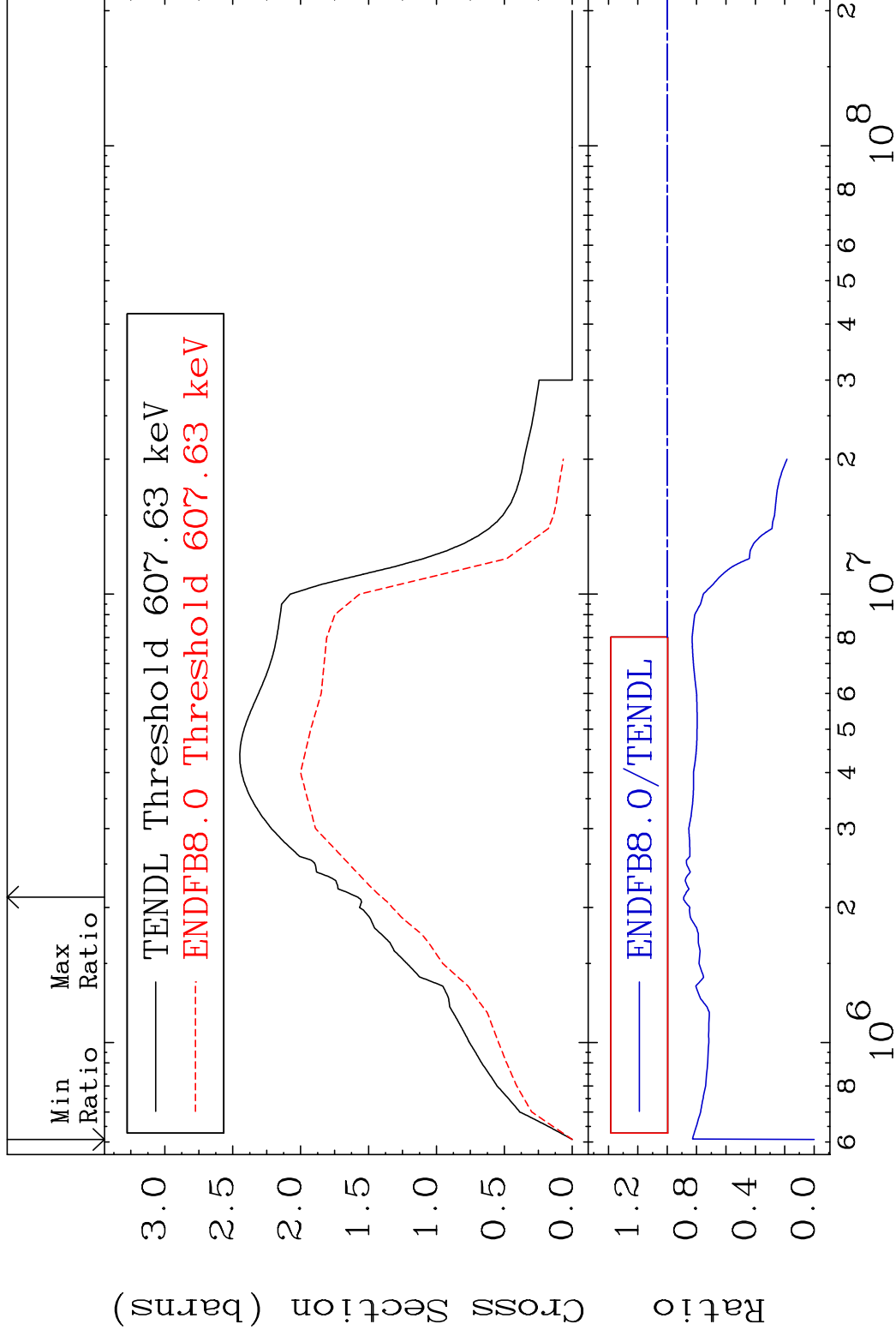
52-Te-124

MAT 5237

Inelastic

52-Te-124

Cross Section -100.0 To -11.19%



3

Incident Energy (eV)

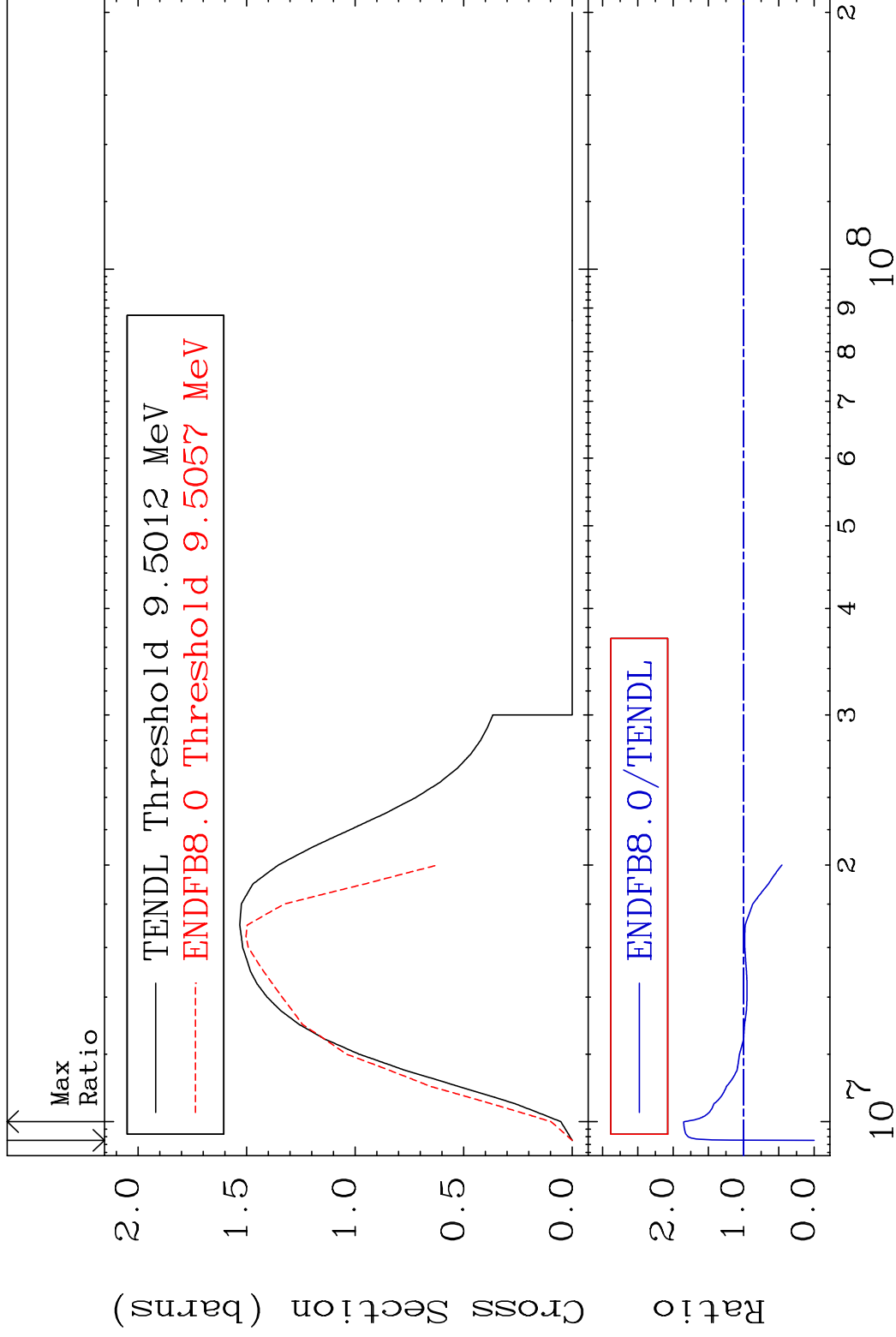
52-Te-124

MAT 5237

(n,2n)

52-Te-124

Cross Section -100.0 To 85.00 %



4

Incident Energy (eV)

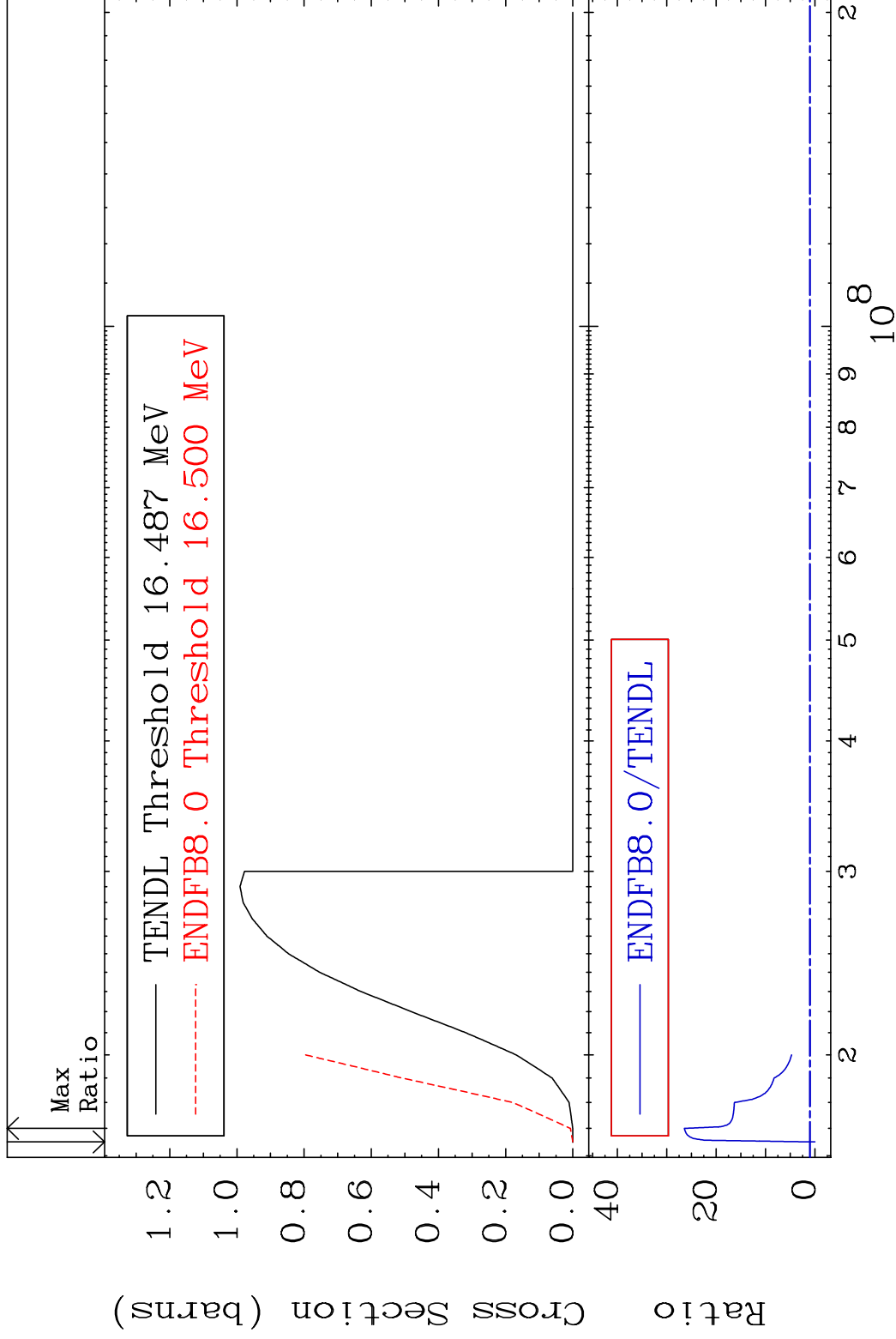
52-Te-124

MAT 5237

(n,3n)

52-Te-124

Cross Section -100.0 To 2544. %



5

Incident Energy (eV)

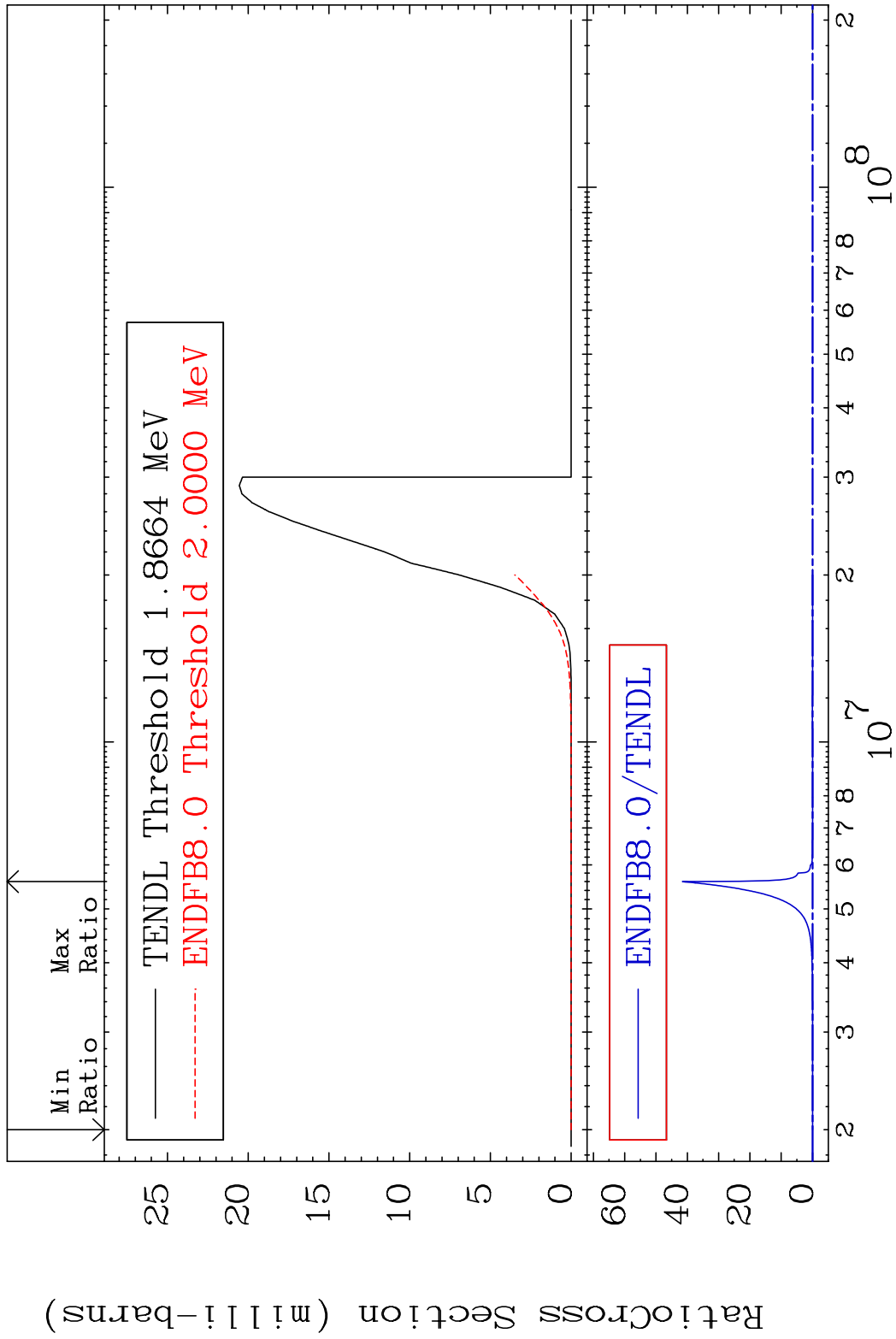
52-Te-124

MAT 5237

(n, n')  $\alpha$

52-Te-124

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

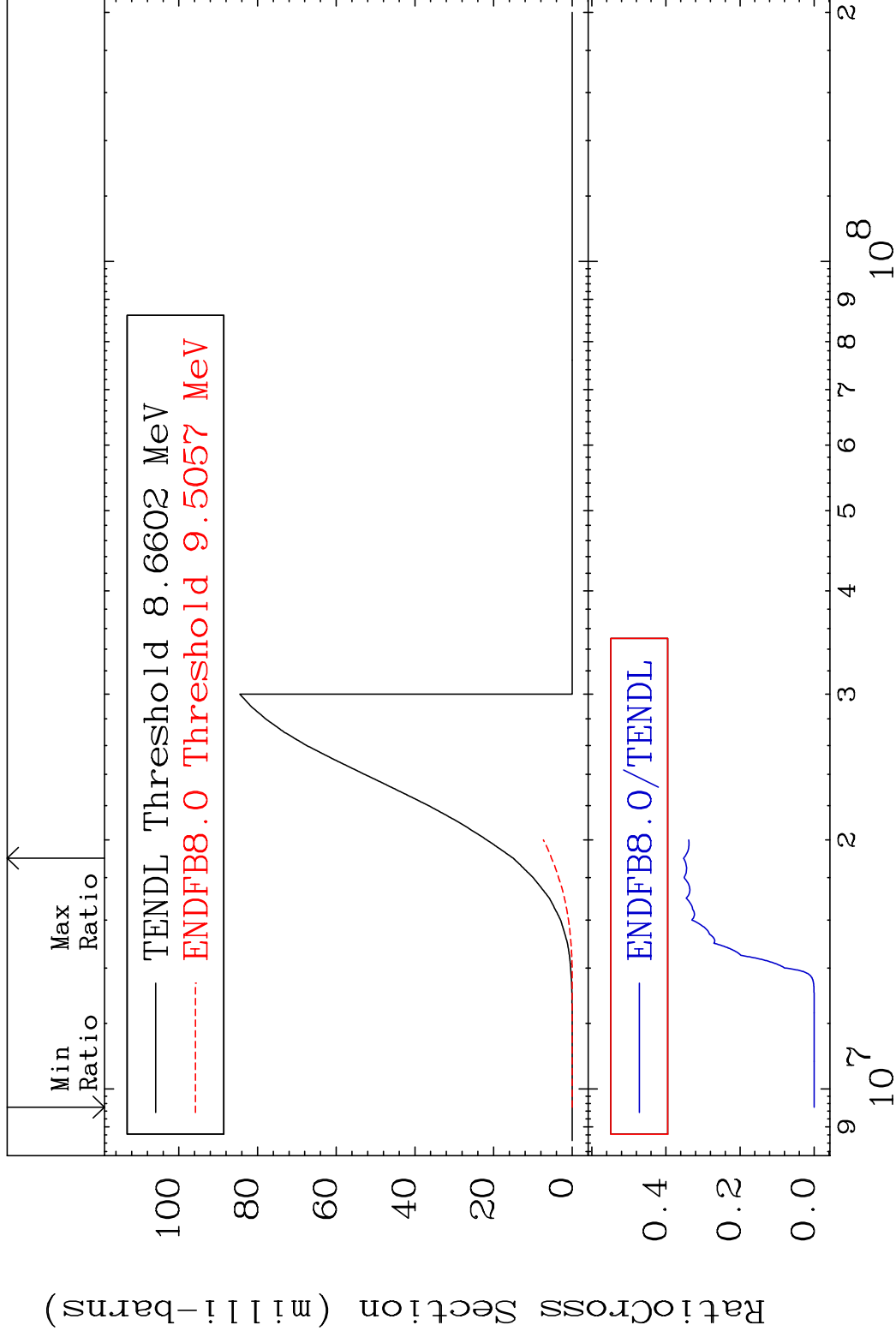
52-Te-124

MAT 5237

(n, n') p

52-Te-124

Cross Section -100.0 To -64.78%



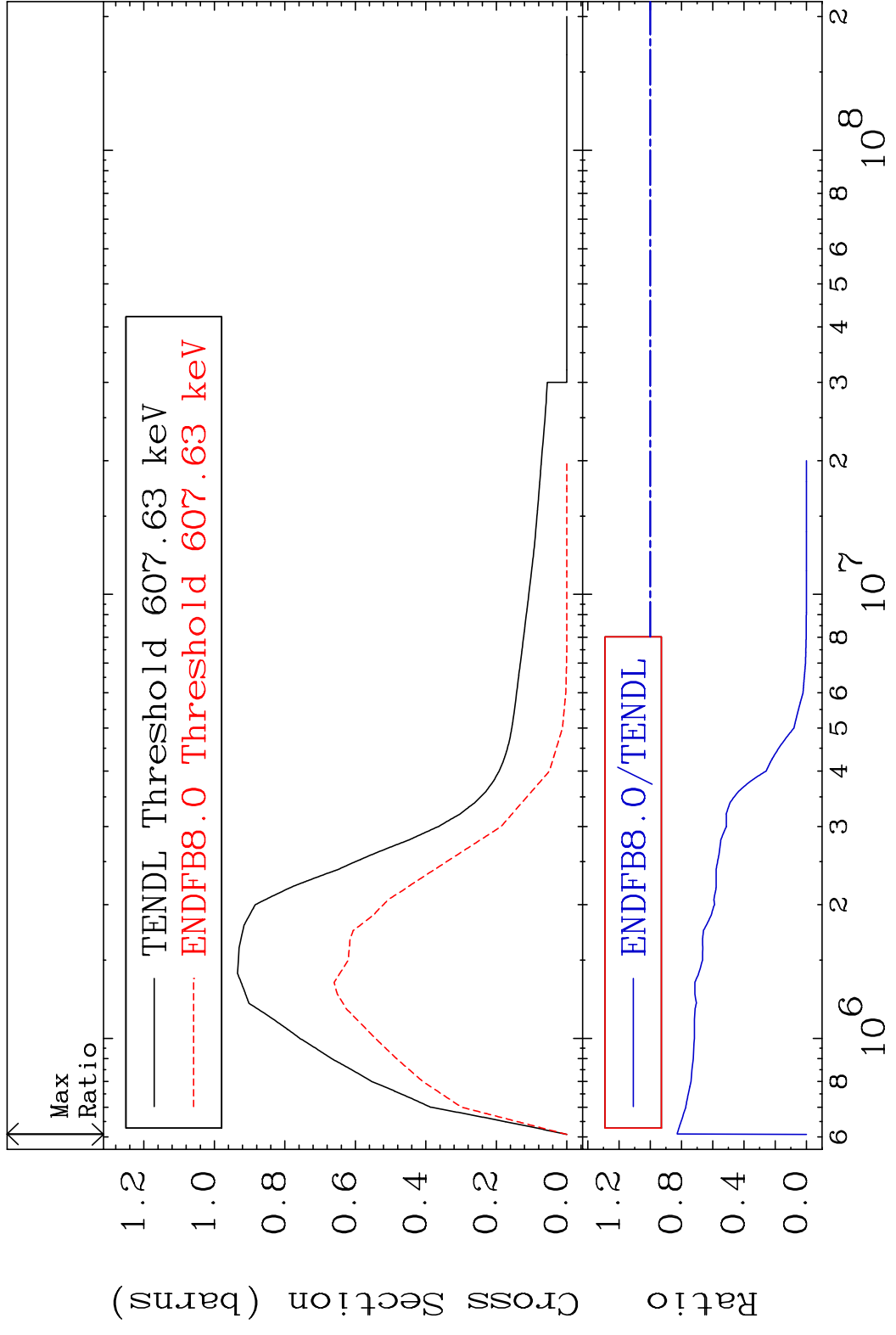
7

Incident Energy (eV)

52-Te-124

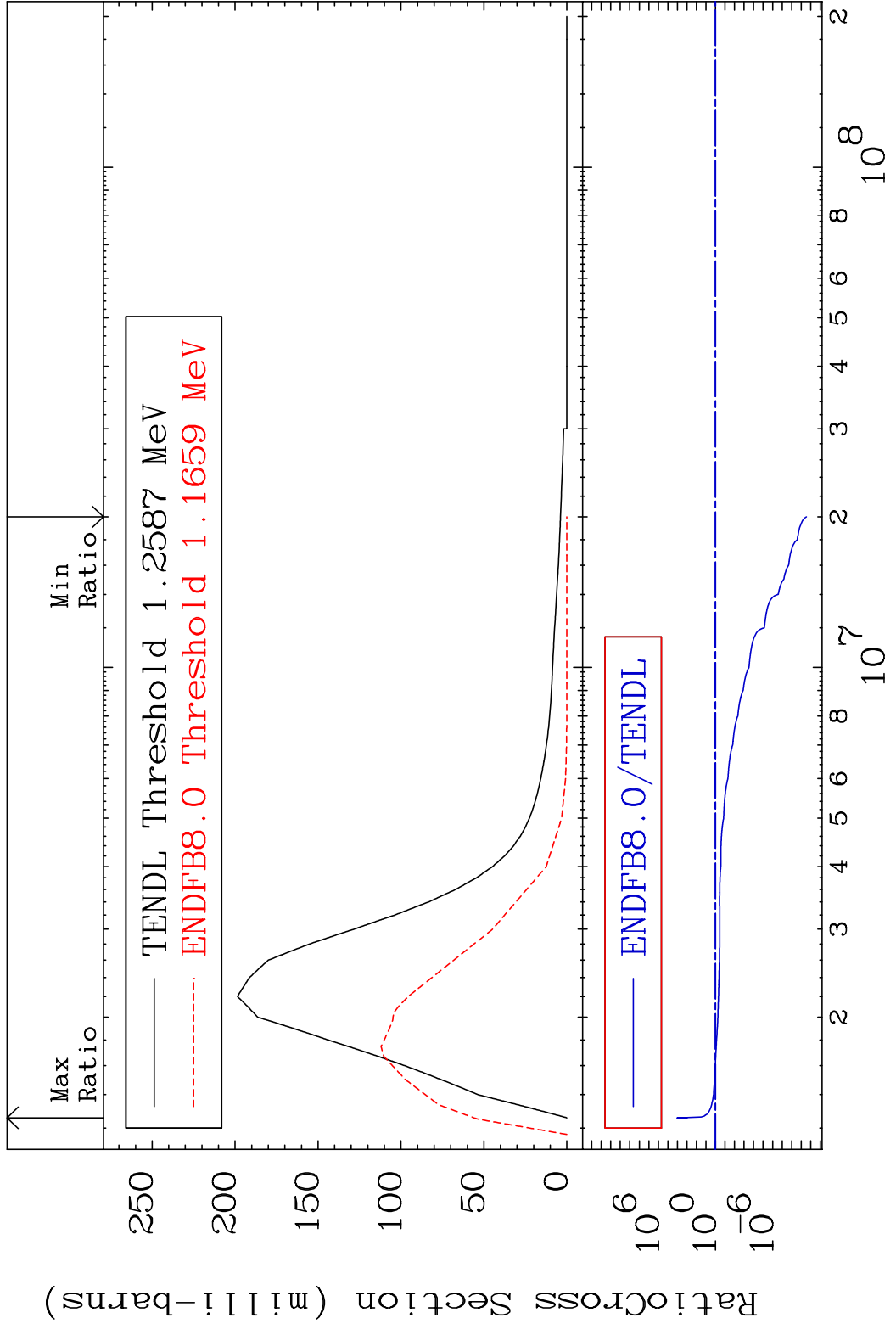


MAT 5237 MT= 51 (n,n') Level 52-Te-124  
 Cross Section -100.0 To -17.27%

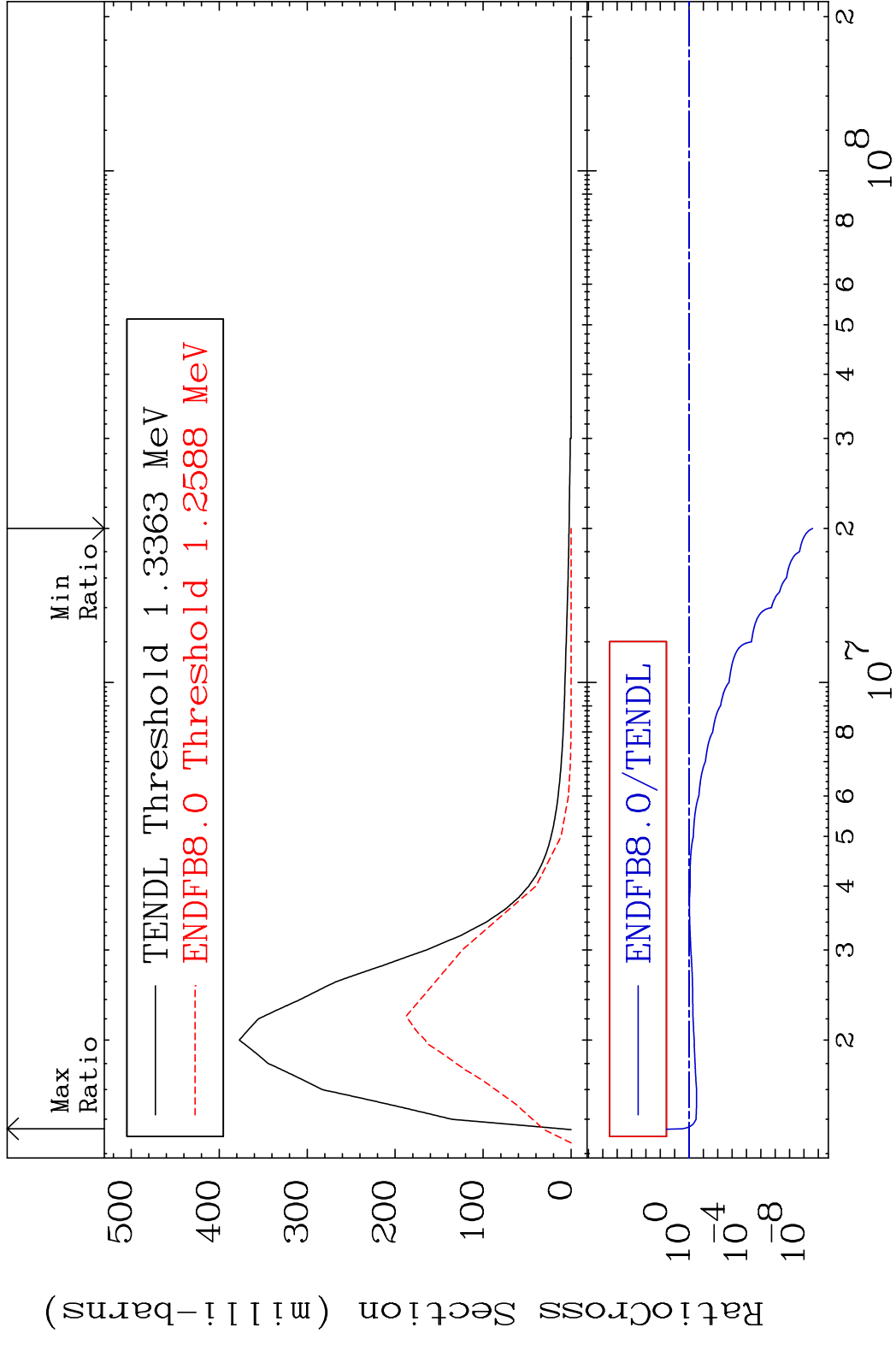


8 Incident Energy (eV) 52-Te-124

MAT 5237 MT= 52 (n,n') Level 52-Te-124  
 Cross Section -100.0 To 9999. %

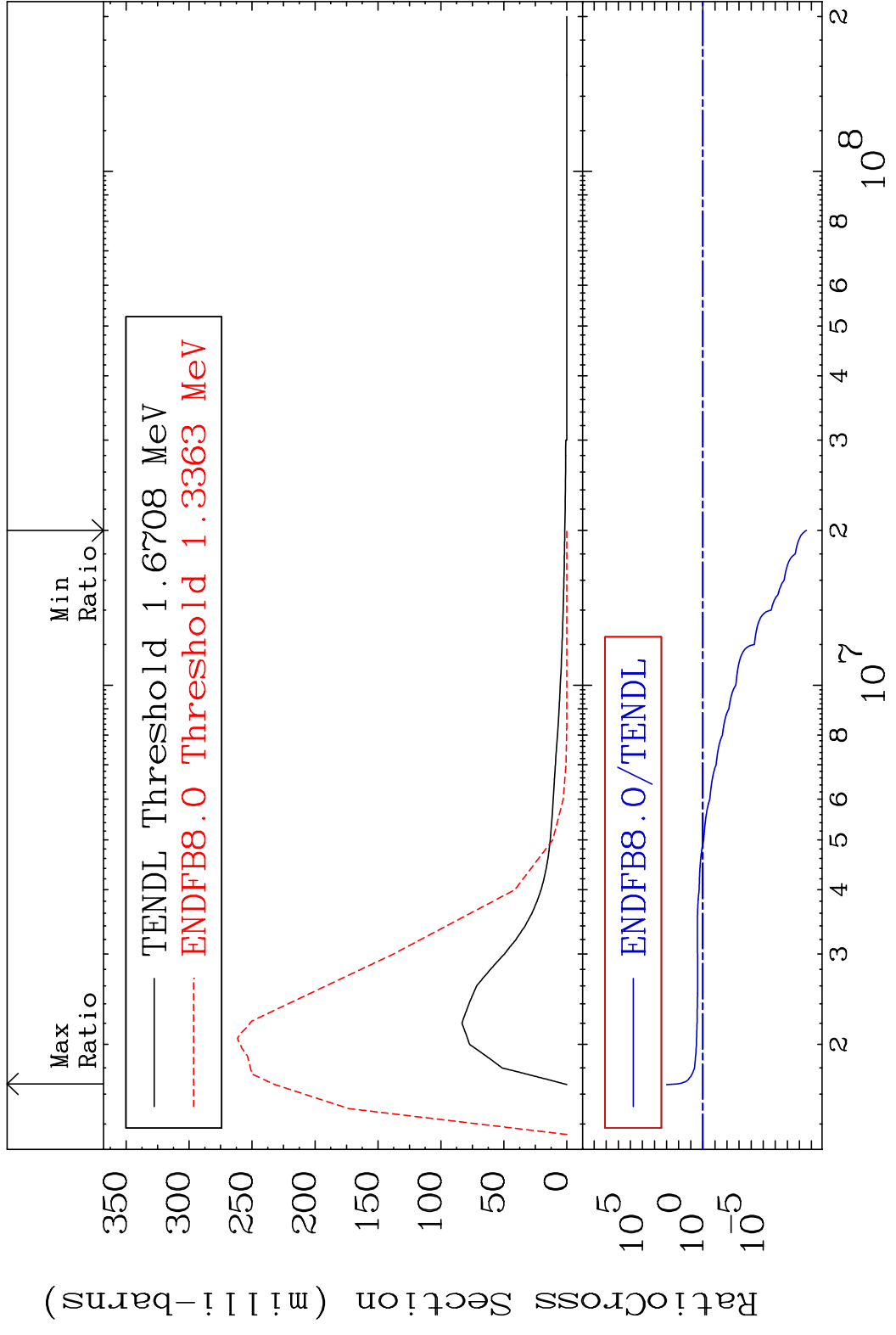


MAT 5237 MT= 53 (n, n') Level 52-Te-124  
 Cross Section -100.0 To 192.2 %

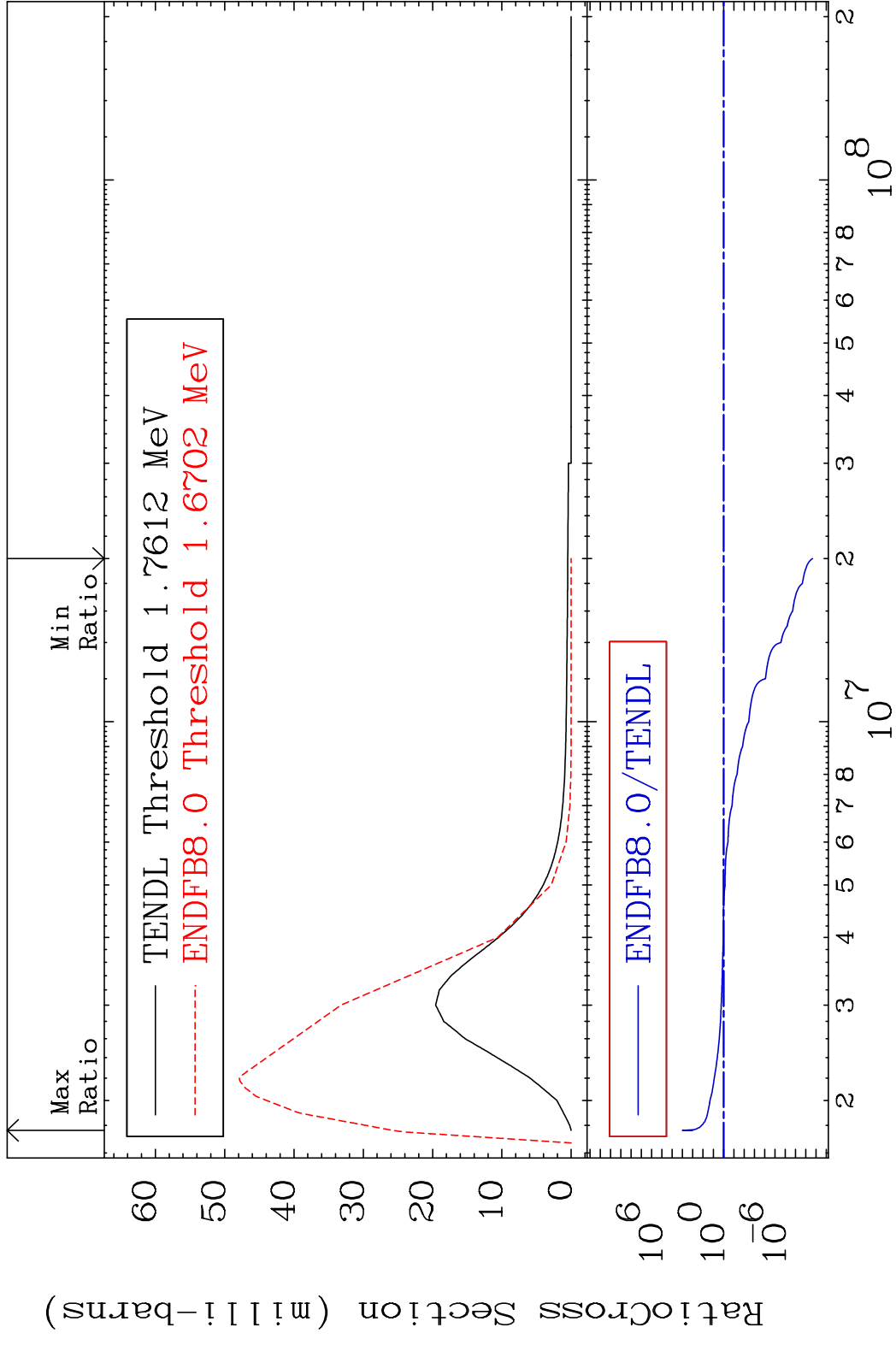


10 Incident Energy (eV) 52-Te-124

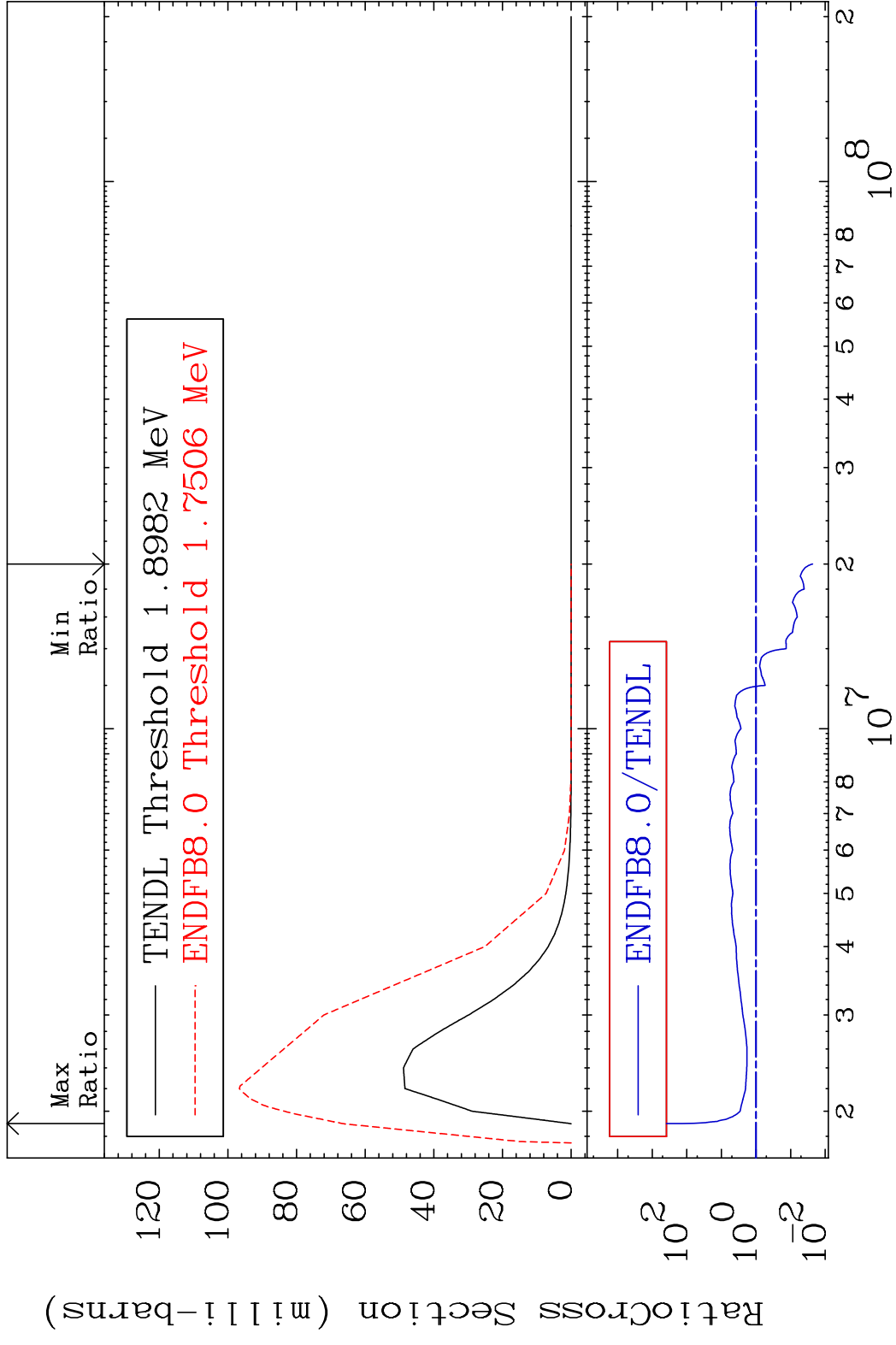
MAT 5237 MT= 54 (n, n') Level 52-Te-124  
 Cross Section -100.0 To 9999. %



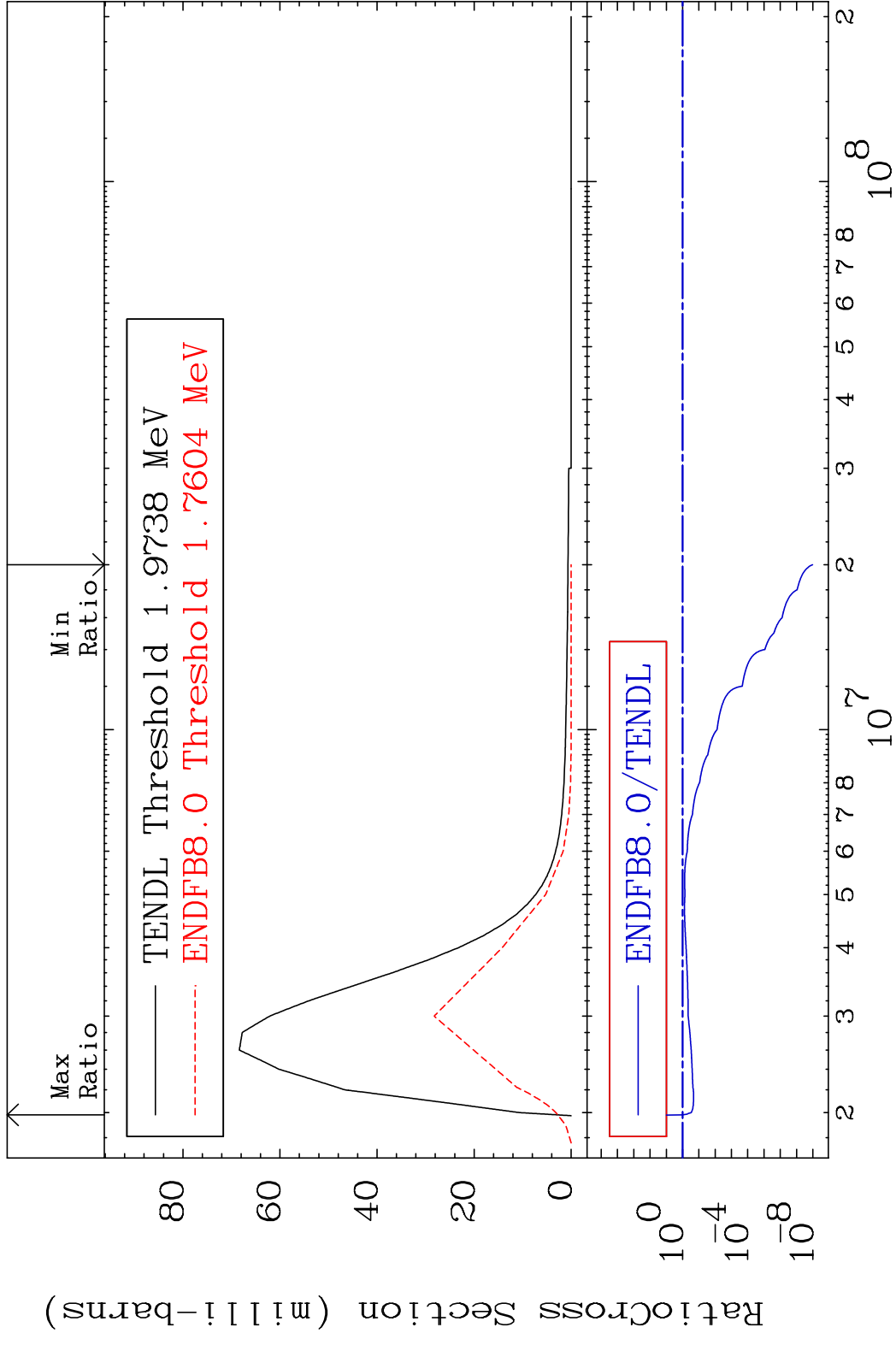
MAT 5237 MT= 55 (n,n') Level 52-Te-124  
 Cross Section -100.0 To 9999. %



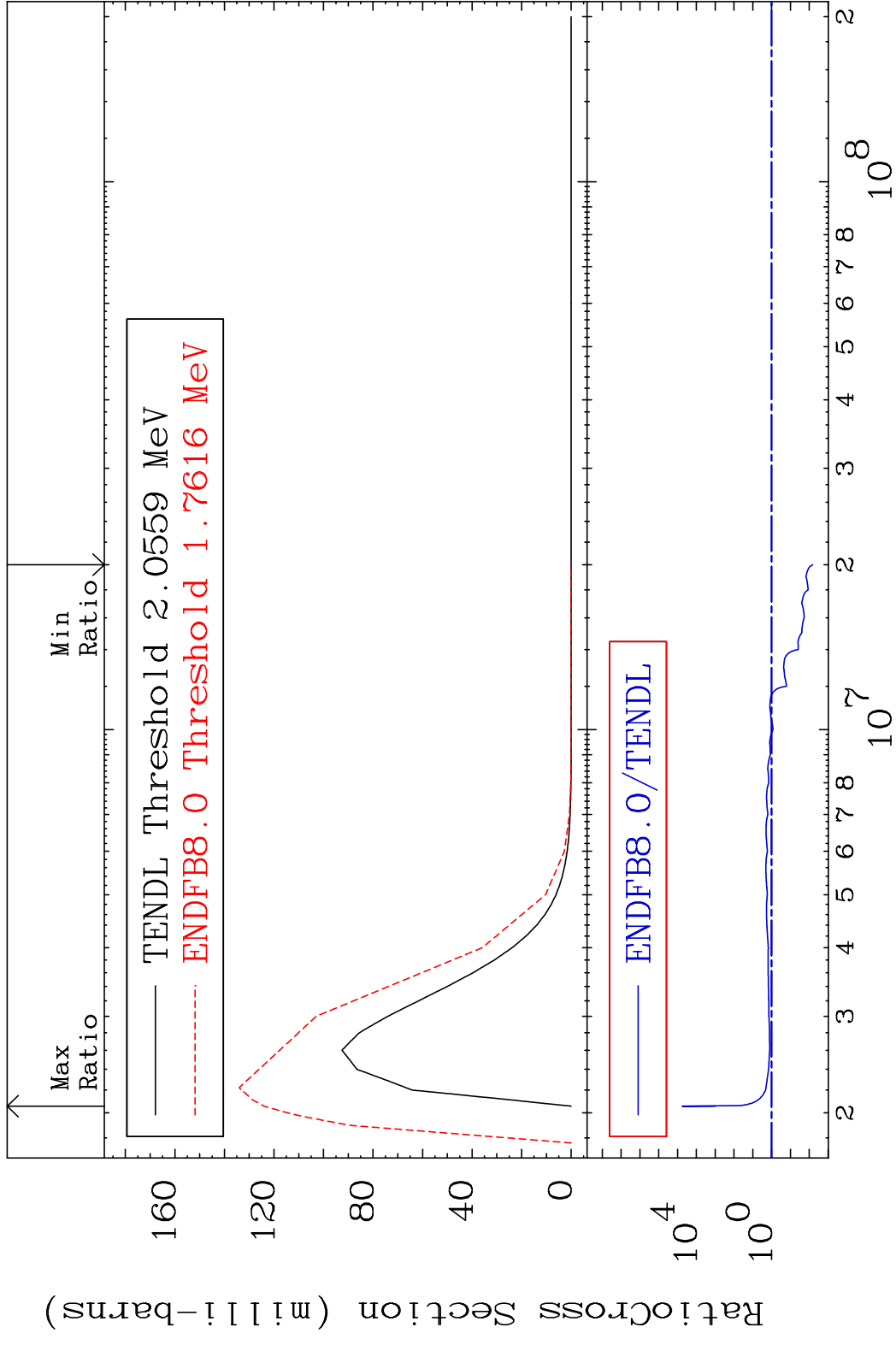
MAT 5237 MT= 56 (n, n') Level 52-Te-124  
 Cross Section -97.68 To 9999. %



MAT 5237 MT= 57 (n, n') Level 52-Te-124  
 Cross Section -100.0 To 3.536 %



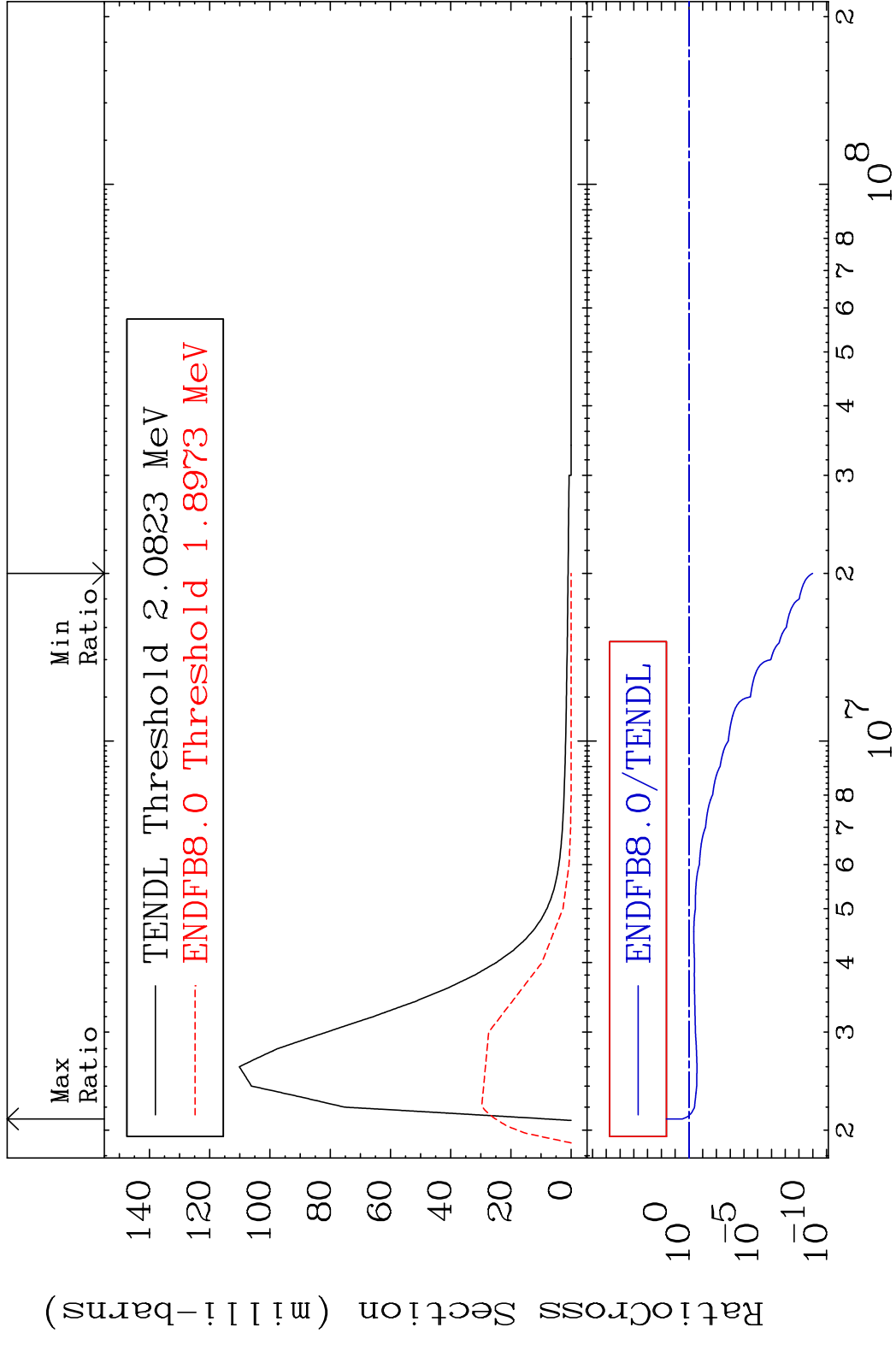
MAT 5237 MT= 58 (n,n') Level 52-Te-124  
 Cross Section -99.33 To 9999. %



15 Incident Energy (eV) 52-Te-124

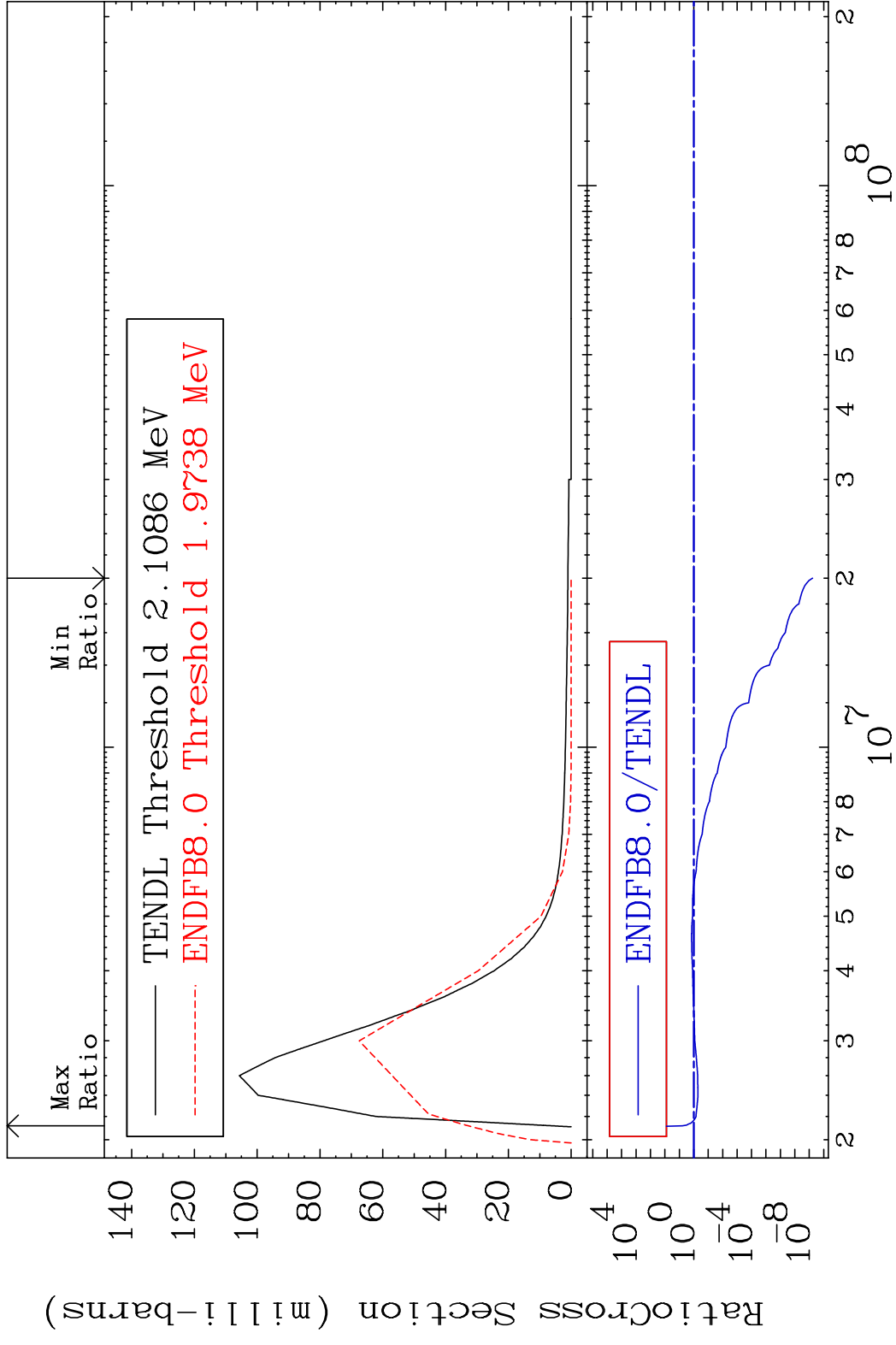


MAT 5237 MT= 59 (n, n') Level 52-Te-124  
 Cross Section -100.0 To 199.1 %

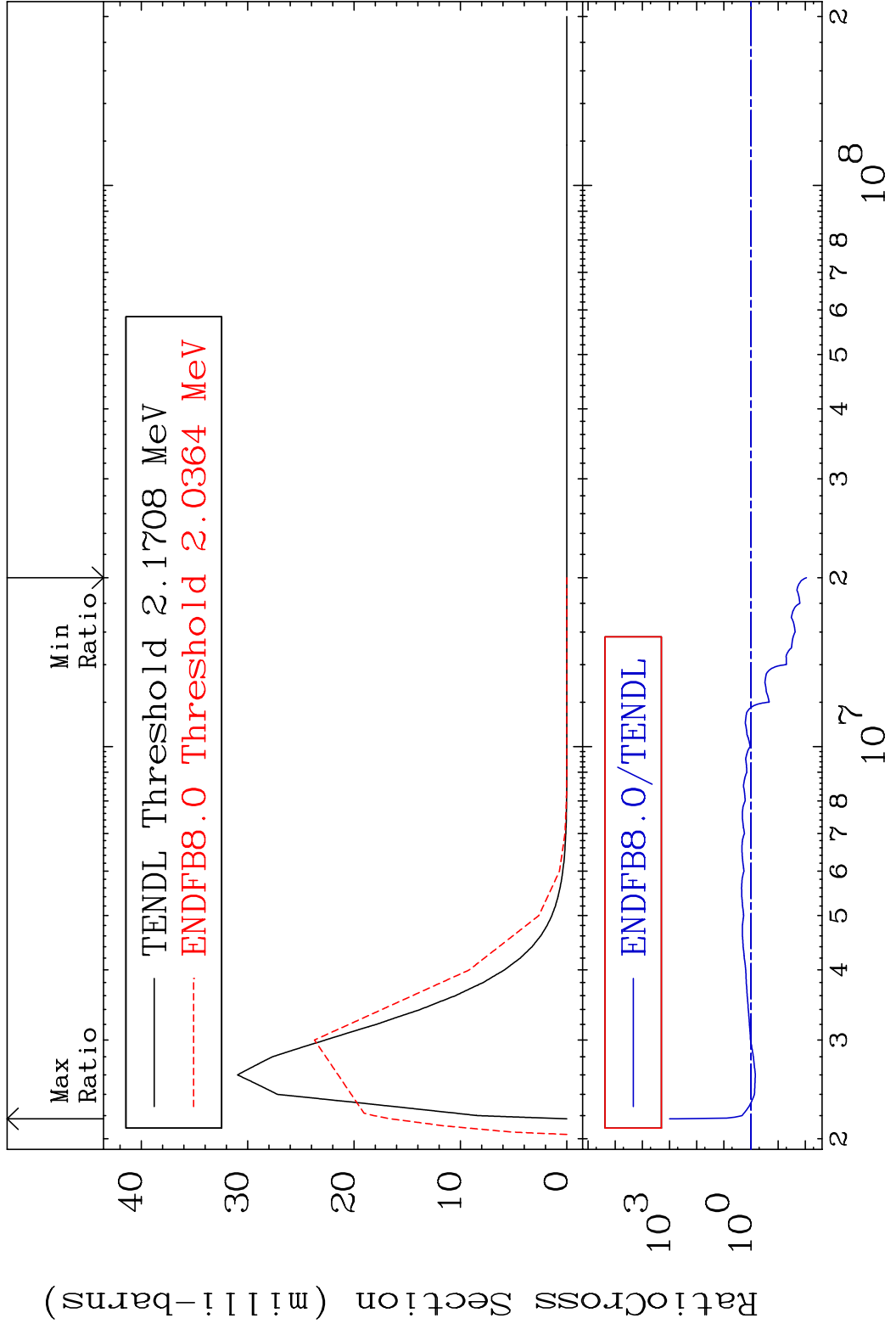


16 Incident Energy (eV) 52-Te-124

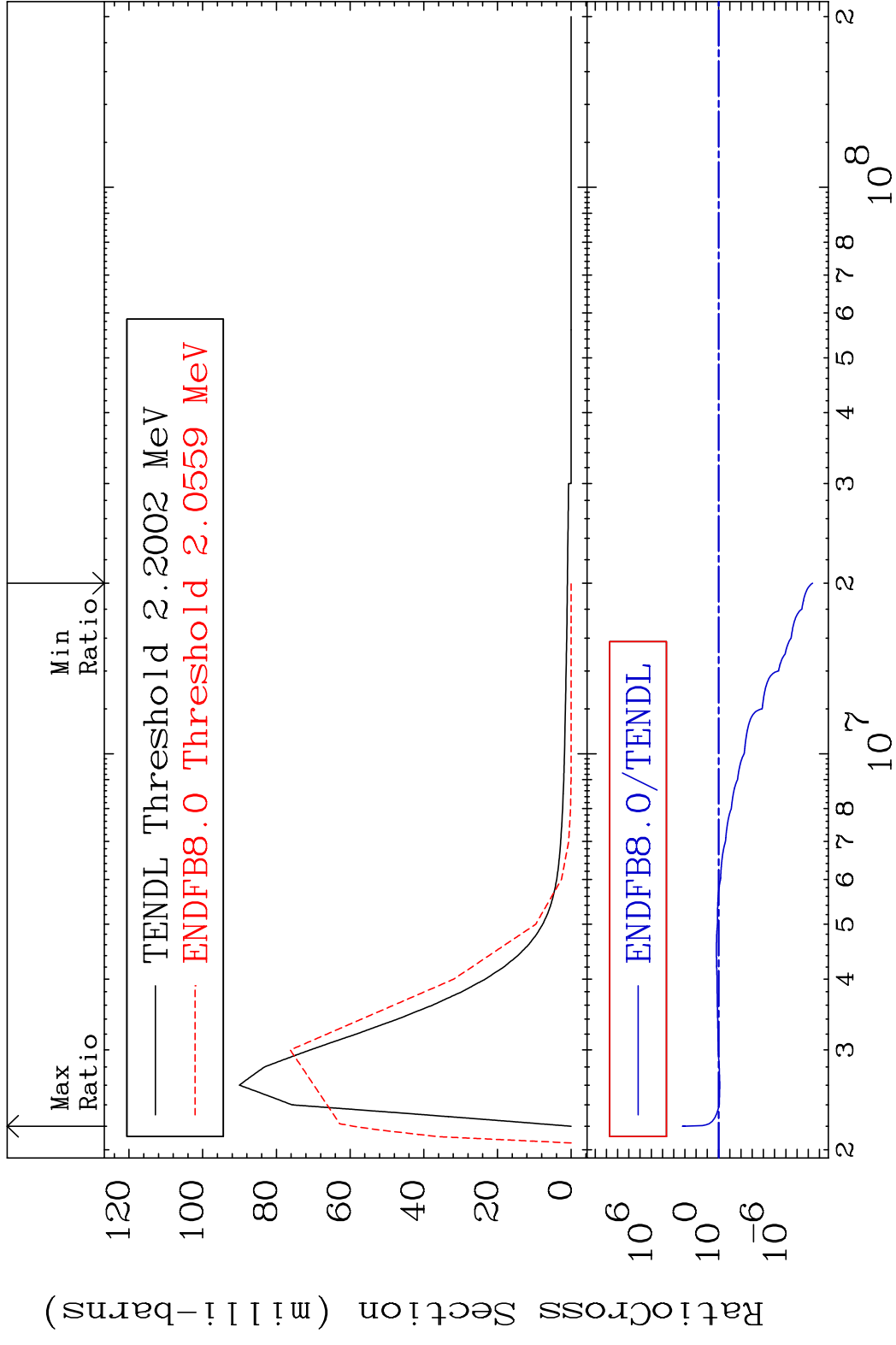
MAT 5237 MT= 60 (n, n') Level 52-Te-124  
 Cross Section -100.0 To 518.0 %



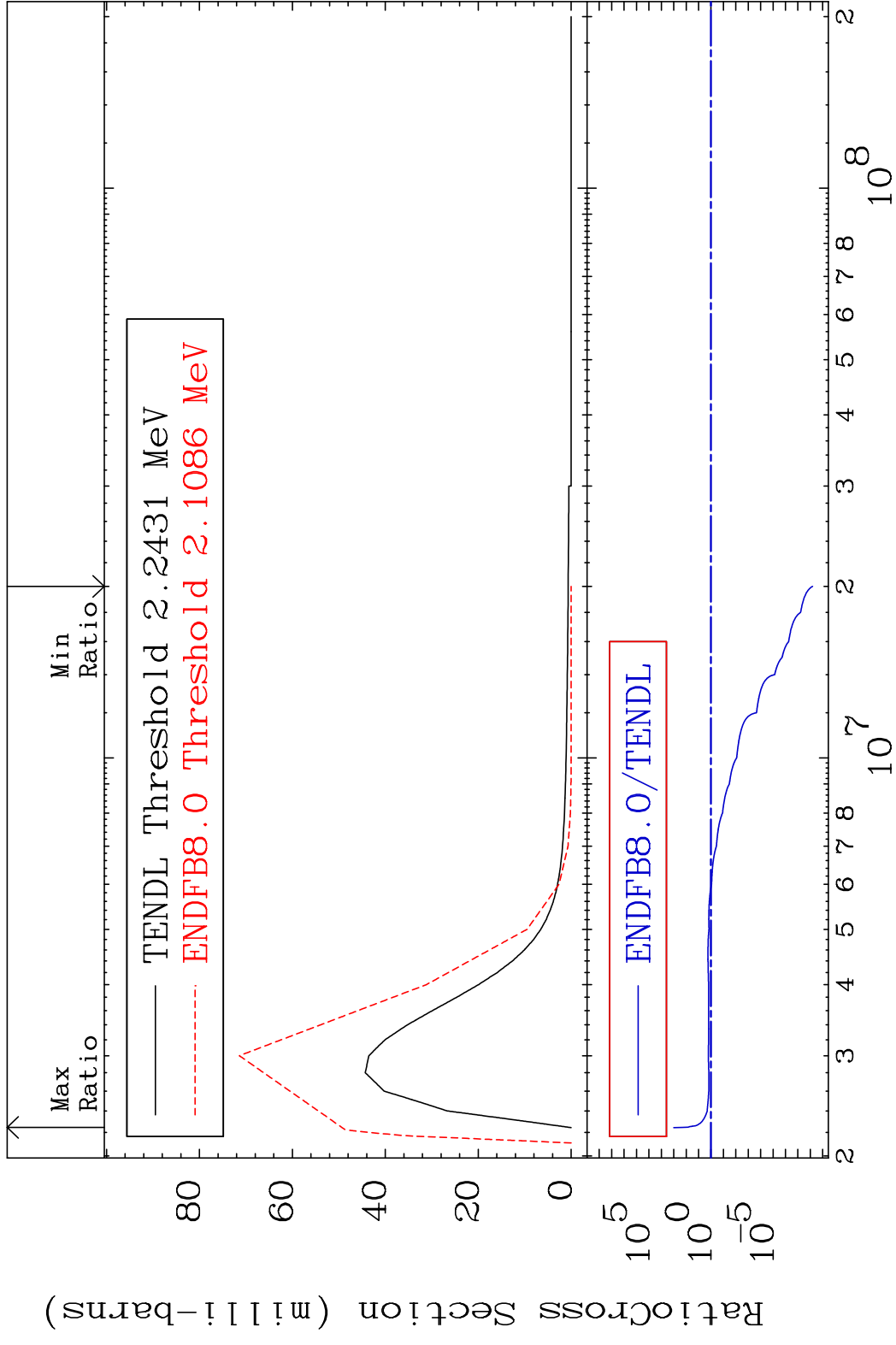
MAT 5237 MT= 61 (n, n') Level 52-Te-124  
 Cross Section -99.09 To 9999. %



MAT 5237 MT= 62 (n, n') Level 52-Te-124  
 Cross Section -100.0 To 9999. %

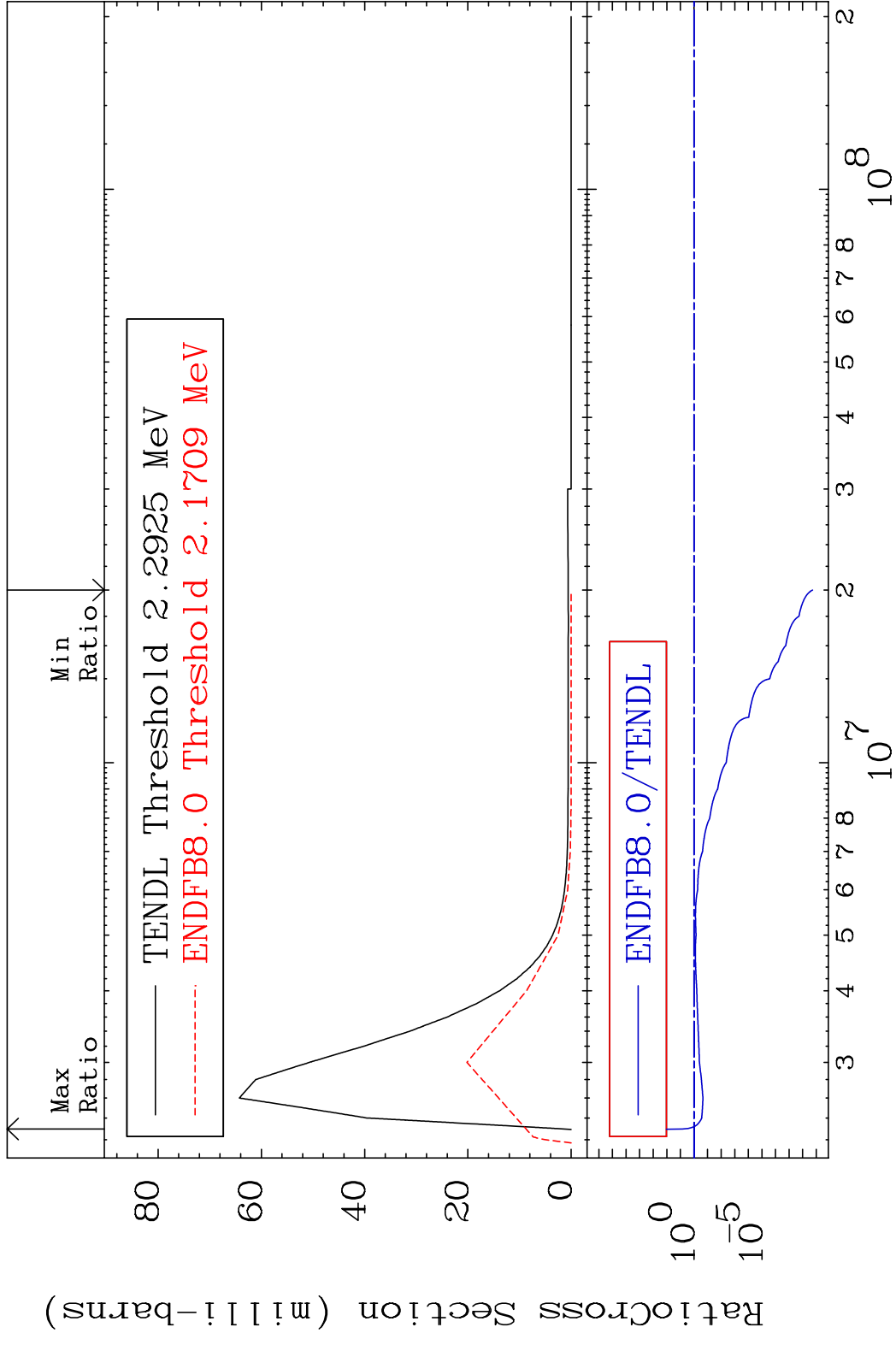


MAT 5237 MT= 63 (n, n') Level 52-Te-124  
 Cross Section -100.0 To 9999. %



20 Incident Energy (eV) 52-Te-124

MAT 5237 MT= 64 (n, n') Level 52-Te-124  
 Cross Section -100.0 To 615.0 %

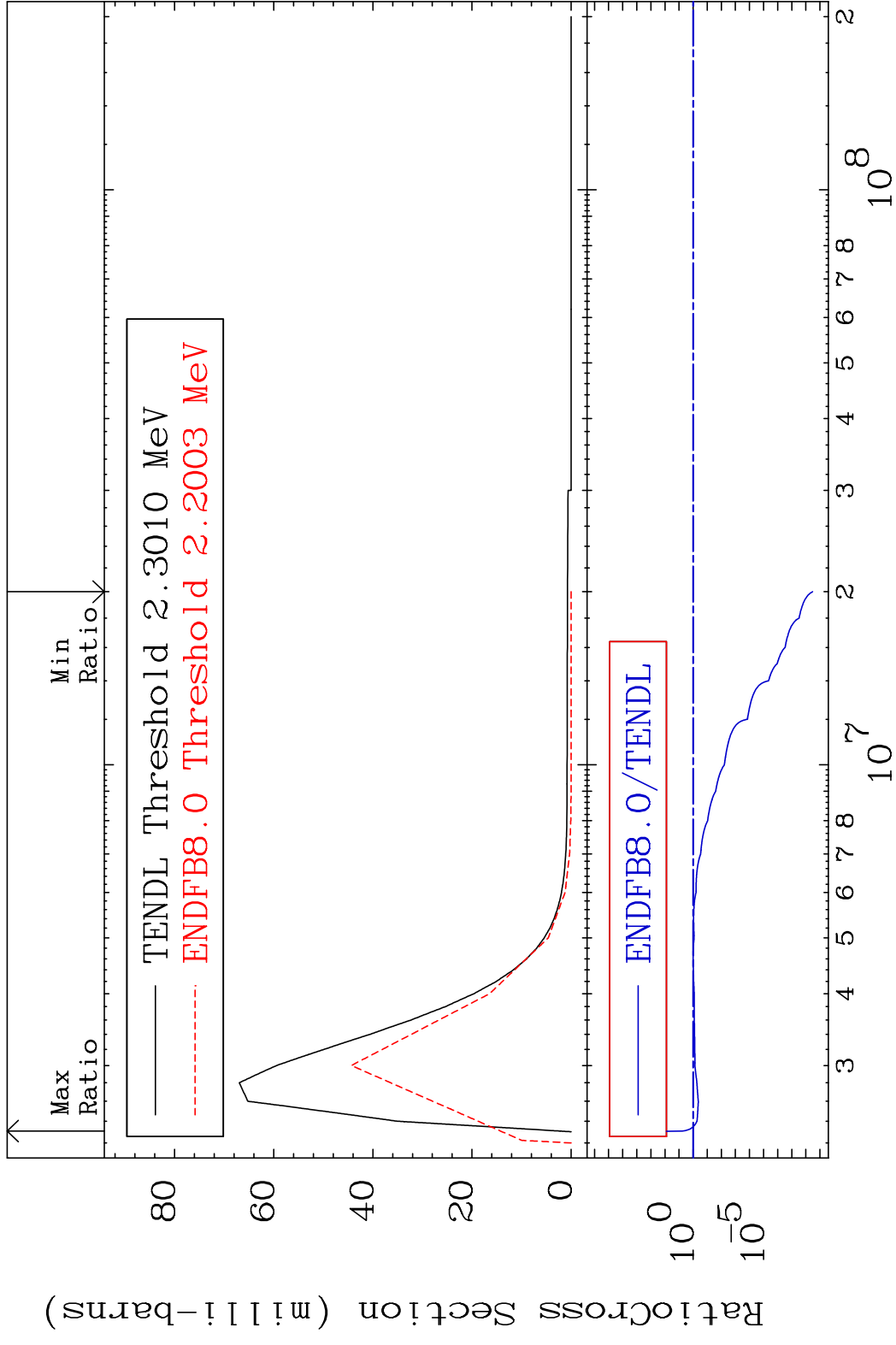


MAT 5237

MT= 65 (n, n') Level

52-Te-124

Cross Section -100.0 To 481.4 %

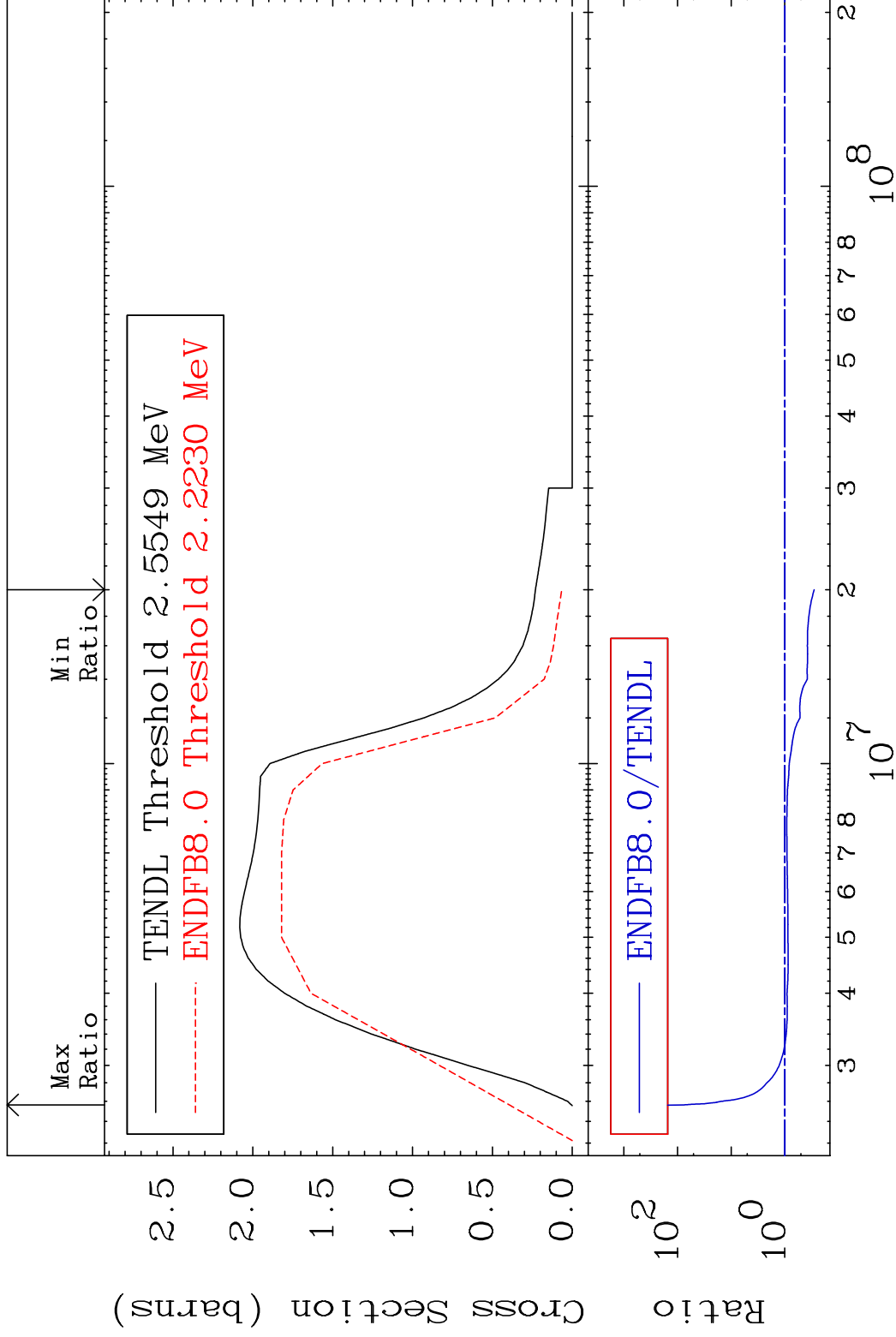


MAT 5237

(n, n') Continuum

52-Te-124

Cross Section -71.56 To 7562. %



23

Incident Energy (eV)

52-Te-124

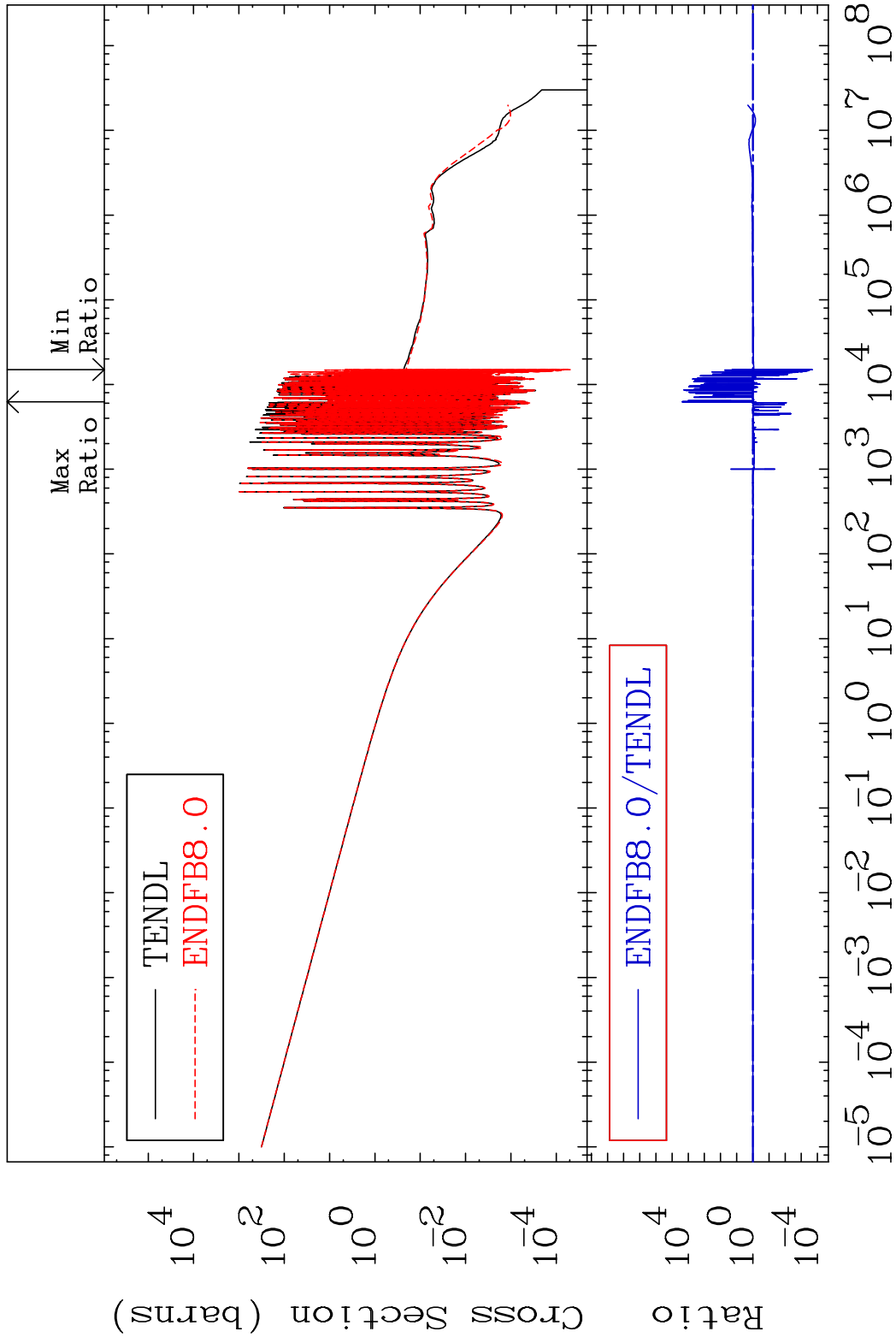


MAT 5237

(n,  $\gamma$ )

52-Te-124

Cross Section -99.98 To 9999. %



24

Incident Energy (eV)

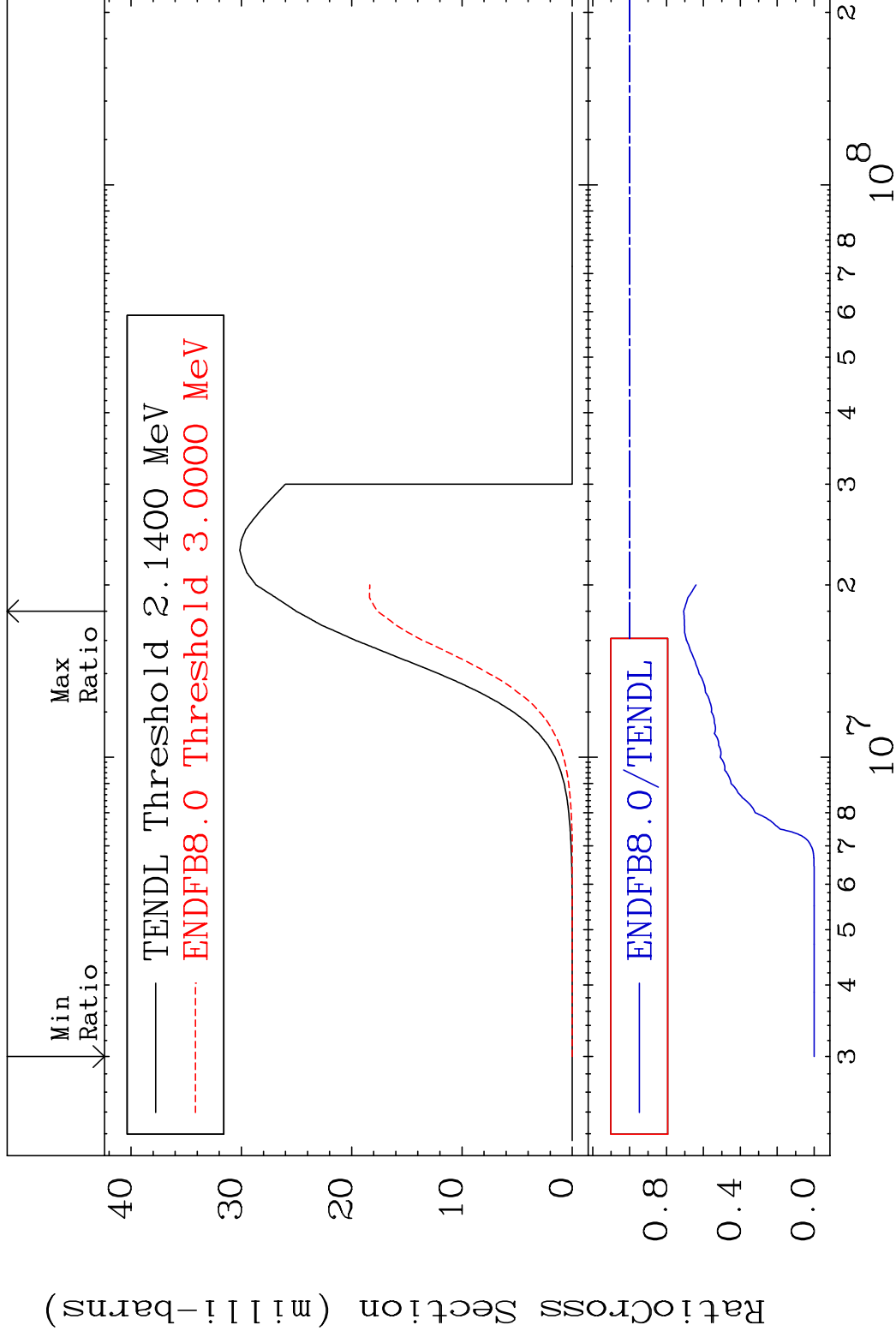
52-Te-124

MAT 5237

(n,p)

52-Te-124

Cross Section -100.0 To -29.31%



25

Incident Energy (eV)

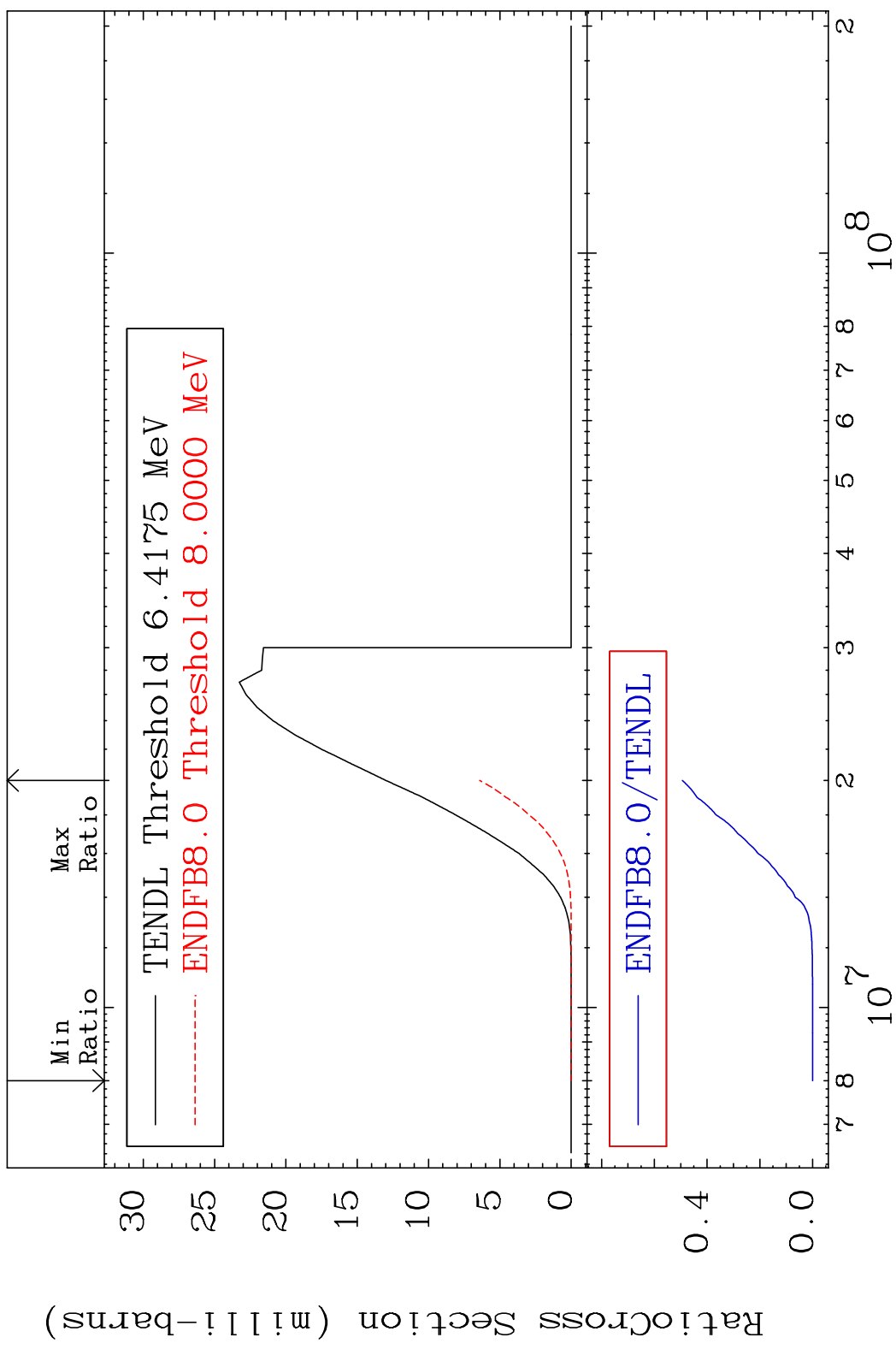
52-Te-124

MAT 5237

(n,d)

52-Te-124

Cross Section -100.0 To -50.62%



26

Incident Energy (eV)

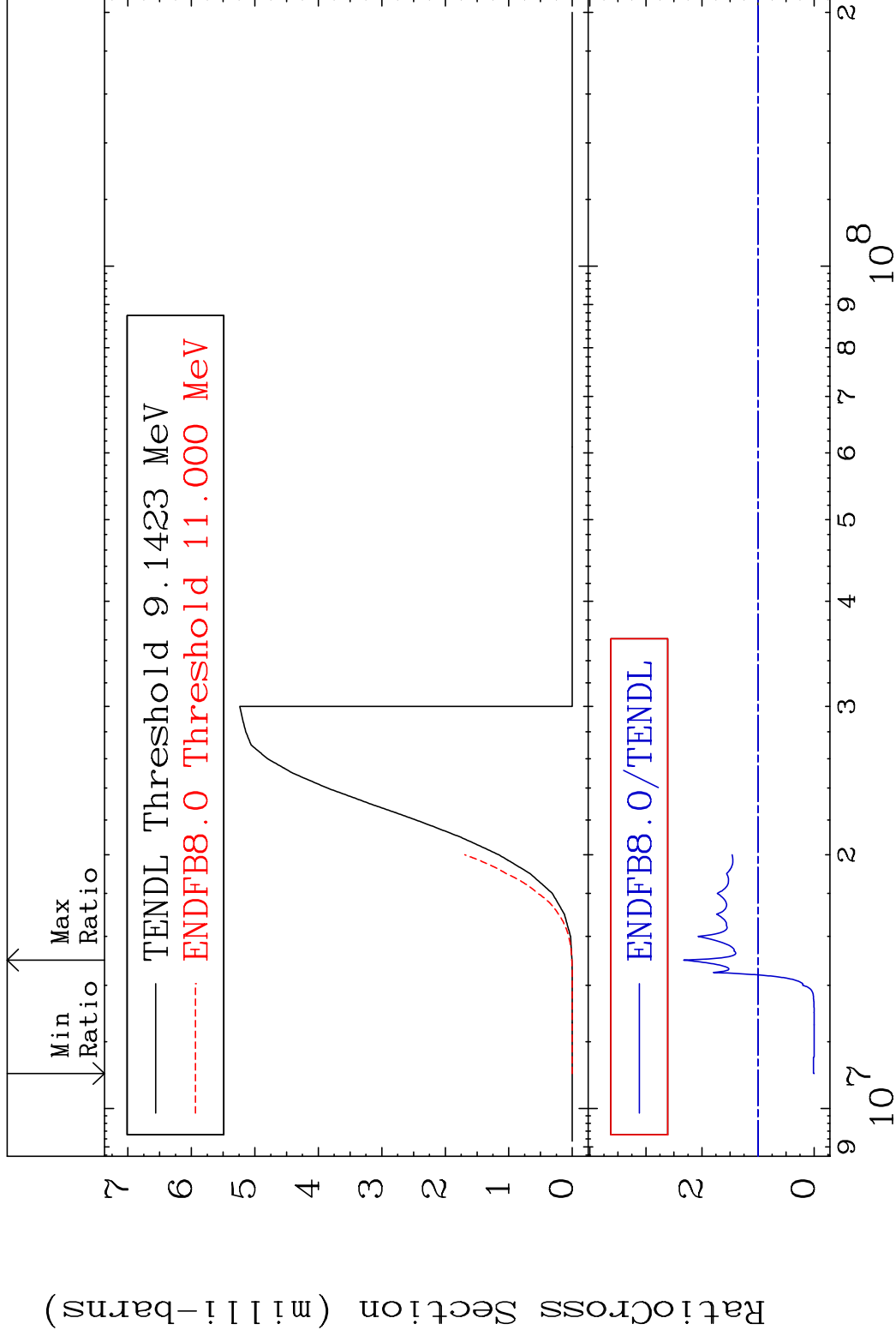
52-Te-124

MAT 5237

(n, t)

52-Te-124

Cross Section -100.0 To 132.7 %



27

Incident Energy (eV)

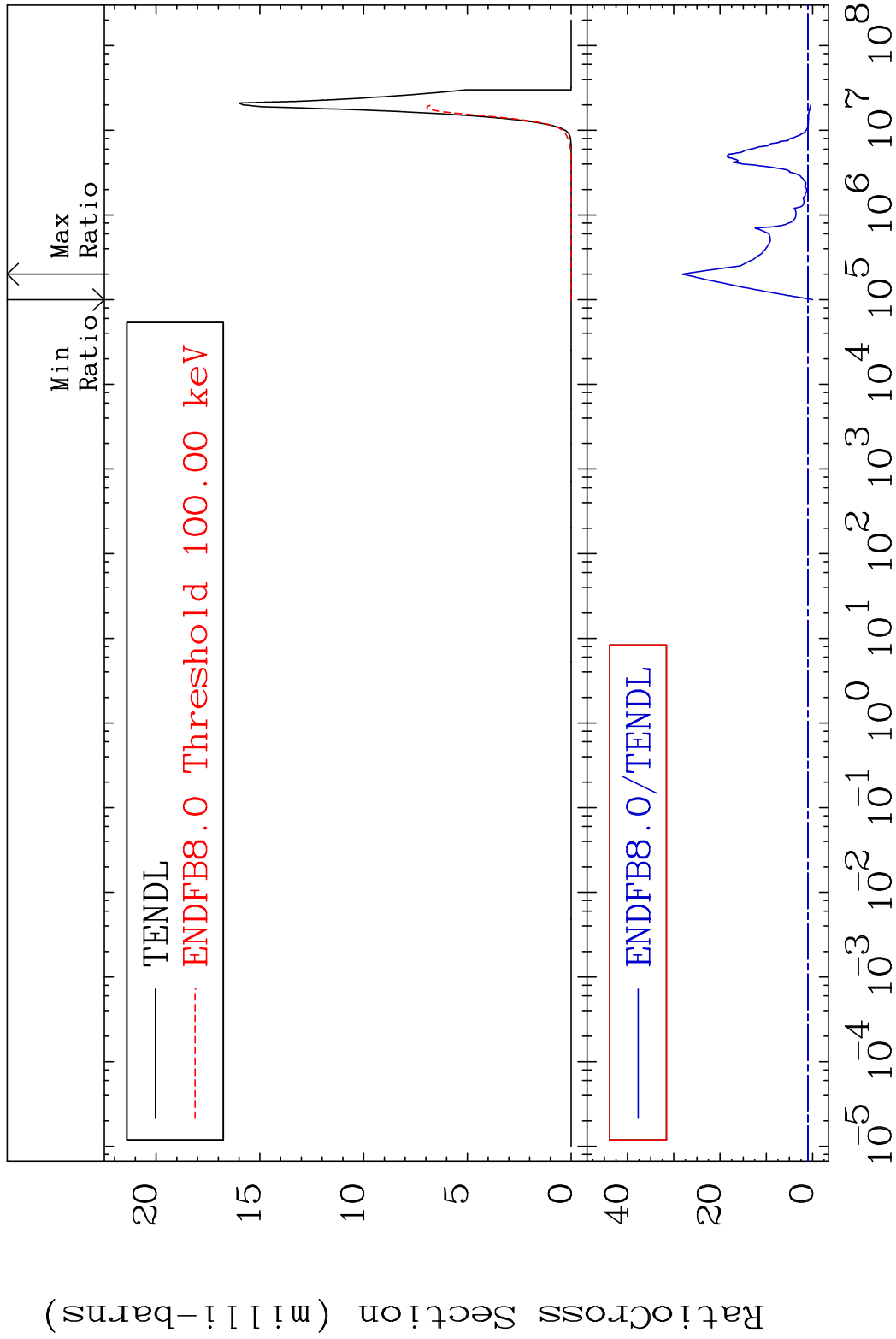
52-Te-124

MAT 5237

(n,  $\alpha$ )

52-Te-124

Cross Section -100.0 To 2715. %



28

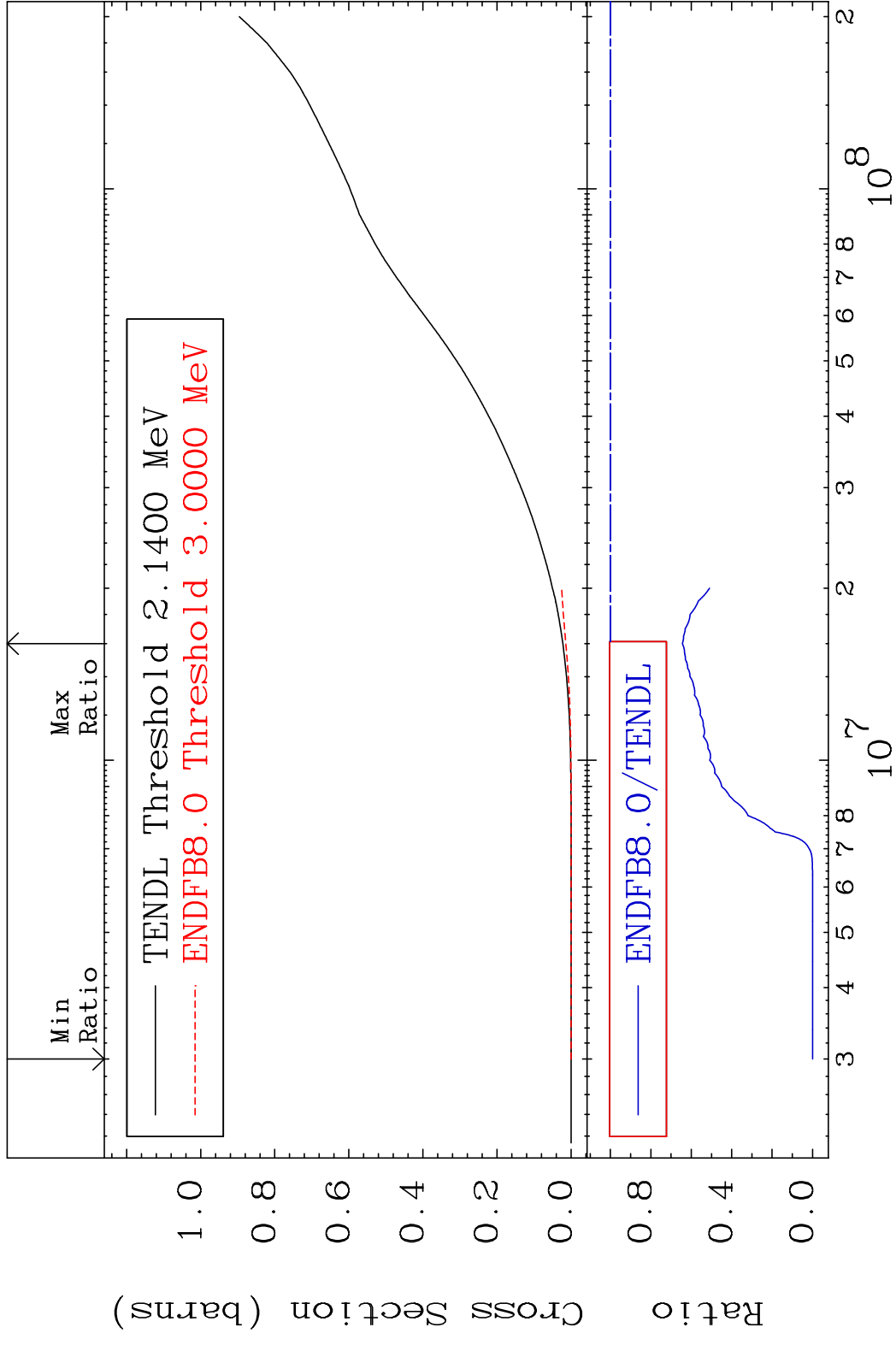
Incident Energy (eV)

52-Te-124

MAT 5237

Hydrogen Production  
Cross Section -100.0 To -35.59%

52-Te-124

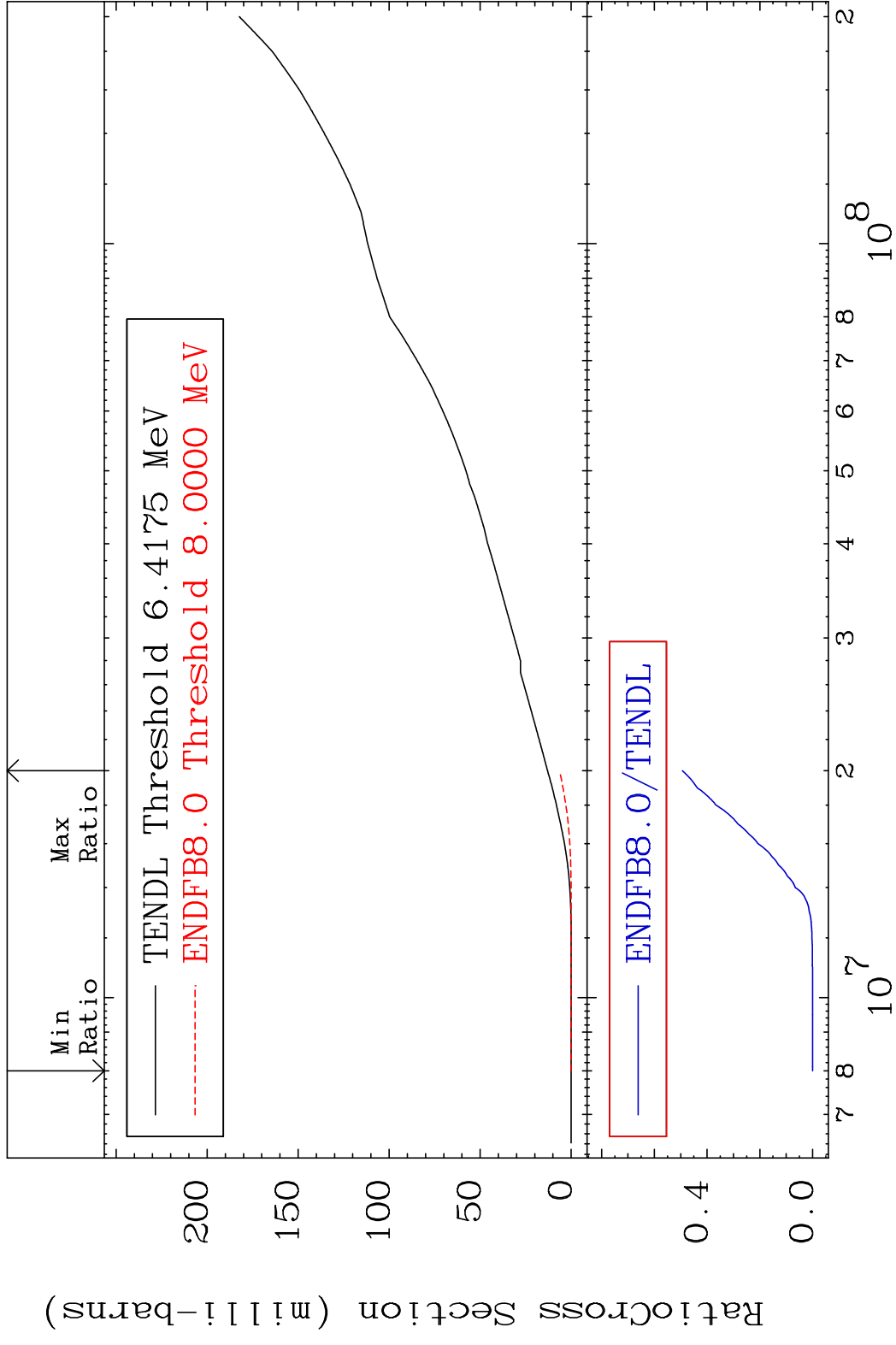


MAT 5237

Deuterium Production

52-Te-124

Cross Section -100.0 To -50.63%



30

Incident Energy (eV)

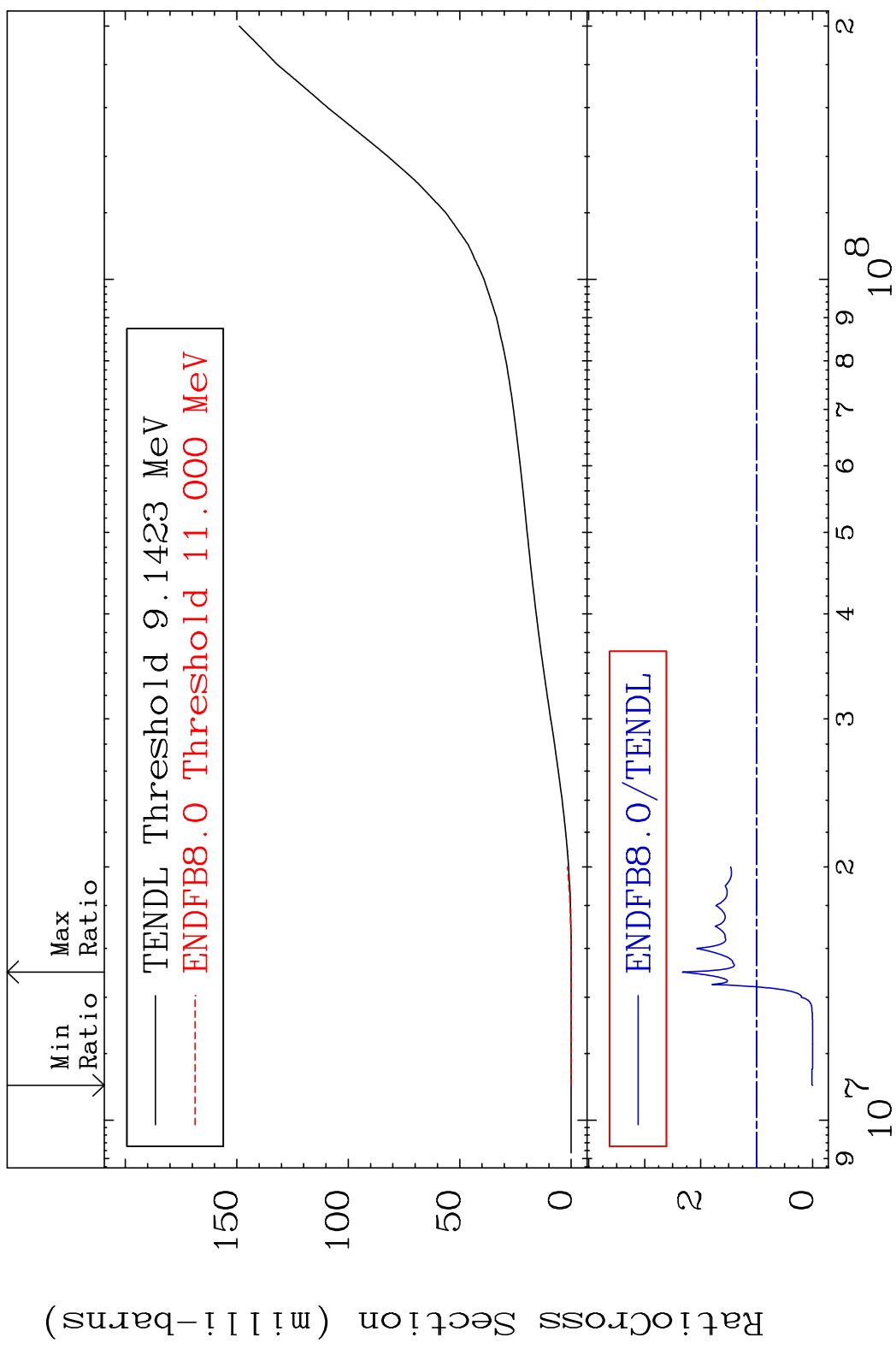
52-Te-124

MAT 5237

Tritium Production

52-Te-124

Cross Section -100.0 To 132.7 %



31

Incident Energy (eV)

52-Te-124

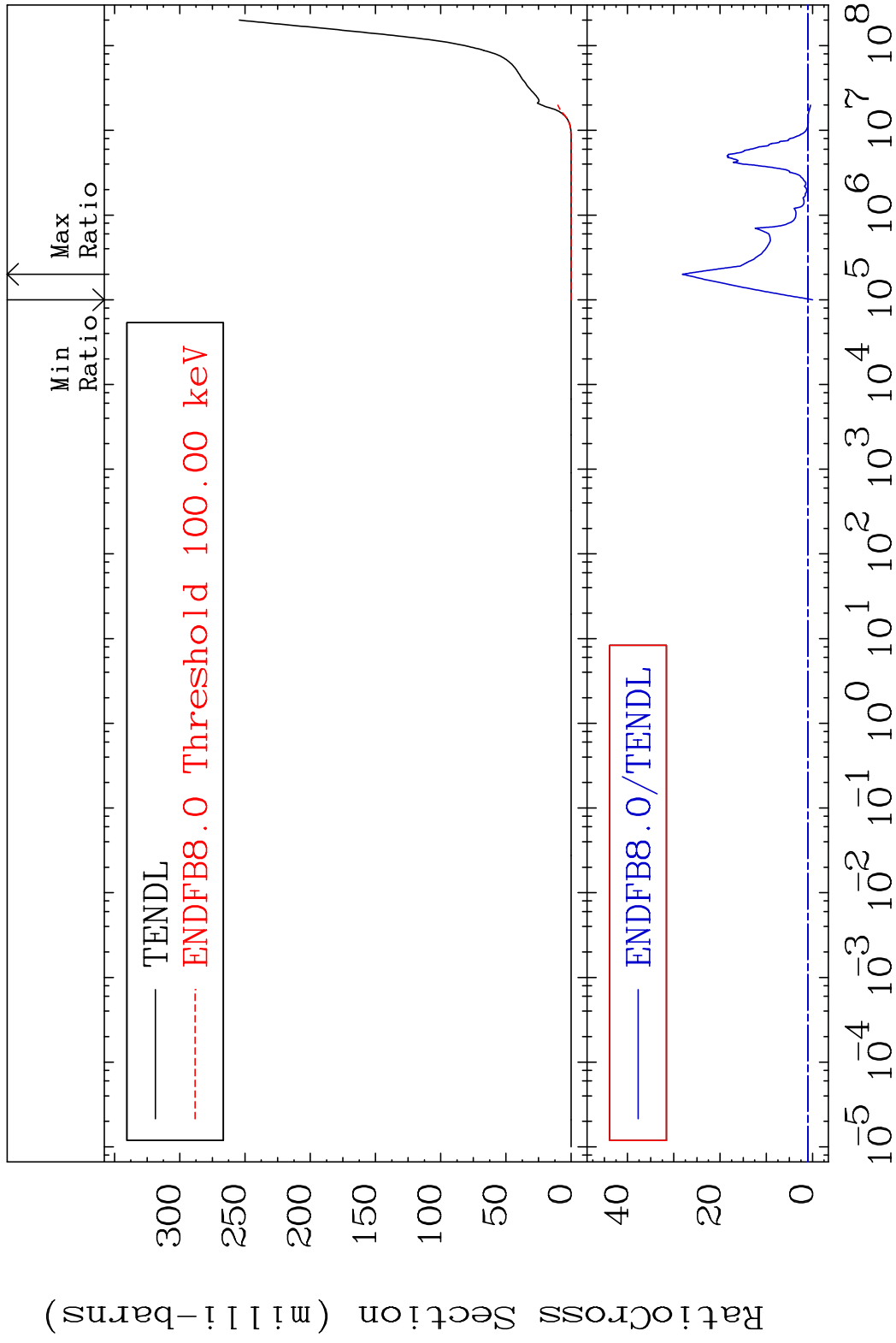


MAT 5237

He-4 Production

52-Te-124

Cross Section -100.0 To 2715. %



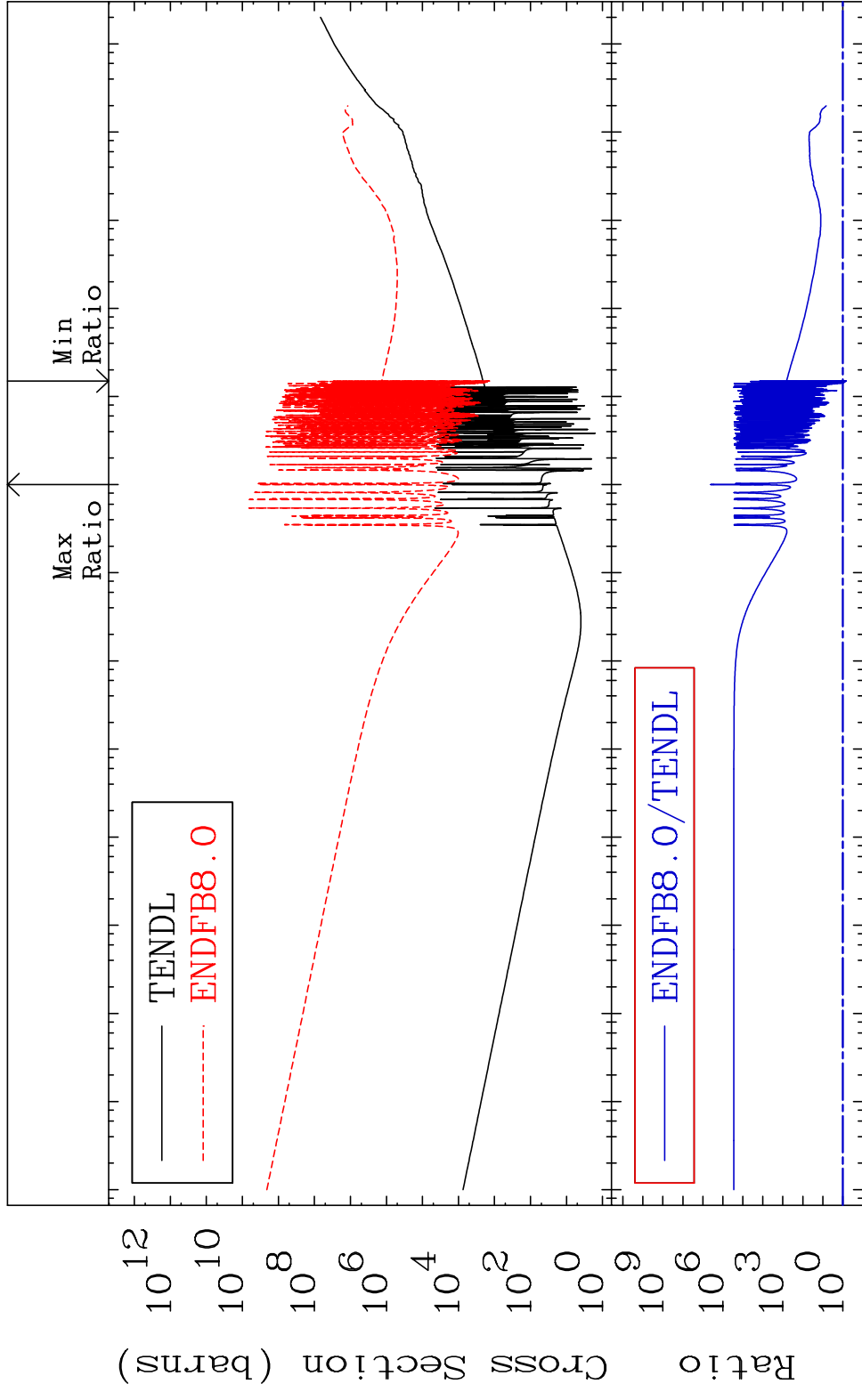
32

Incident Energy (eV)

52-Te-124

MAT 5237

Kerma total (eV-barns) 52-Te-124  
Cross Section -33.36 To 9999. %



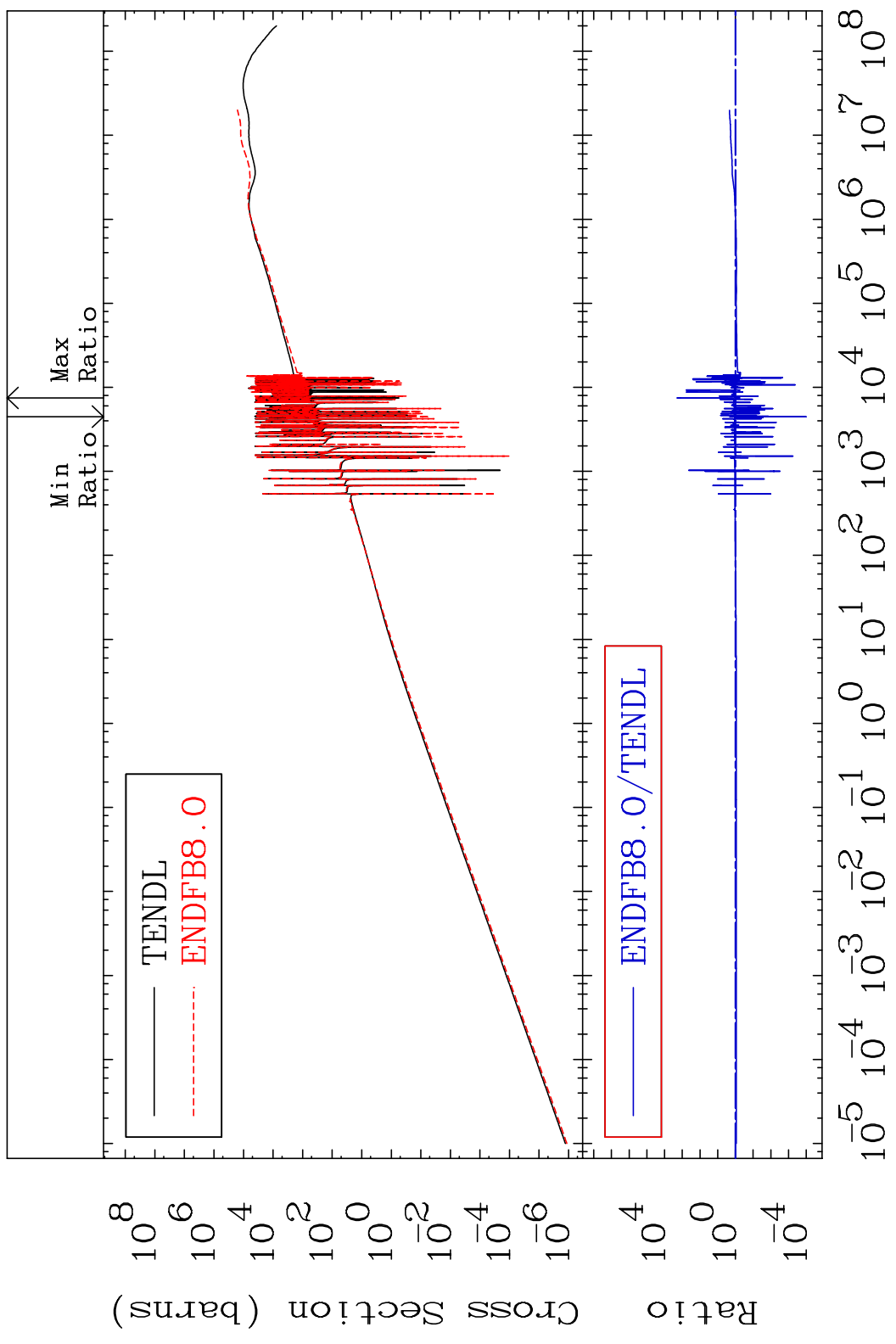
33

Incident Energy (eV) 52-Te-124

MAT 5237

Kerma elastic  
Cross Section -99.99 To 9999. %

52-Te-124

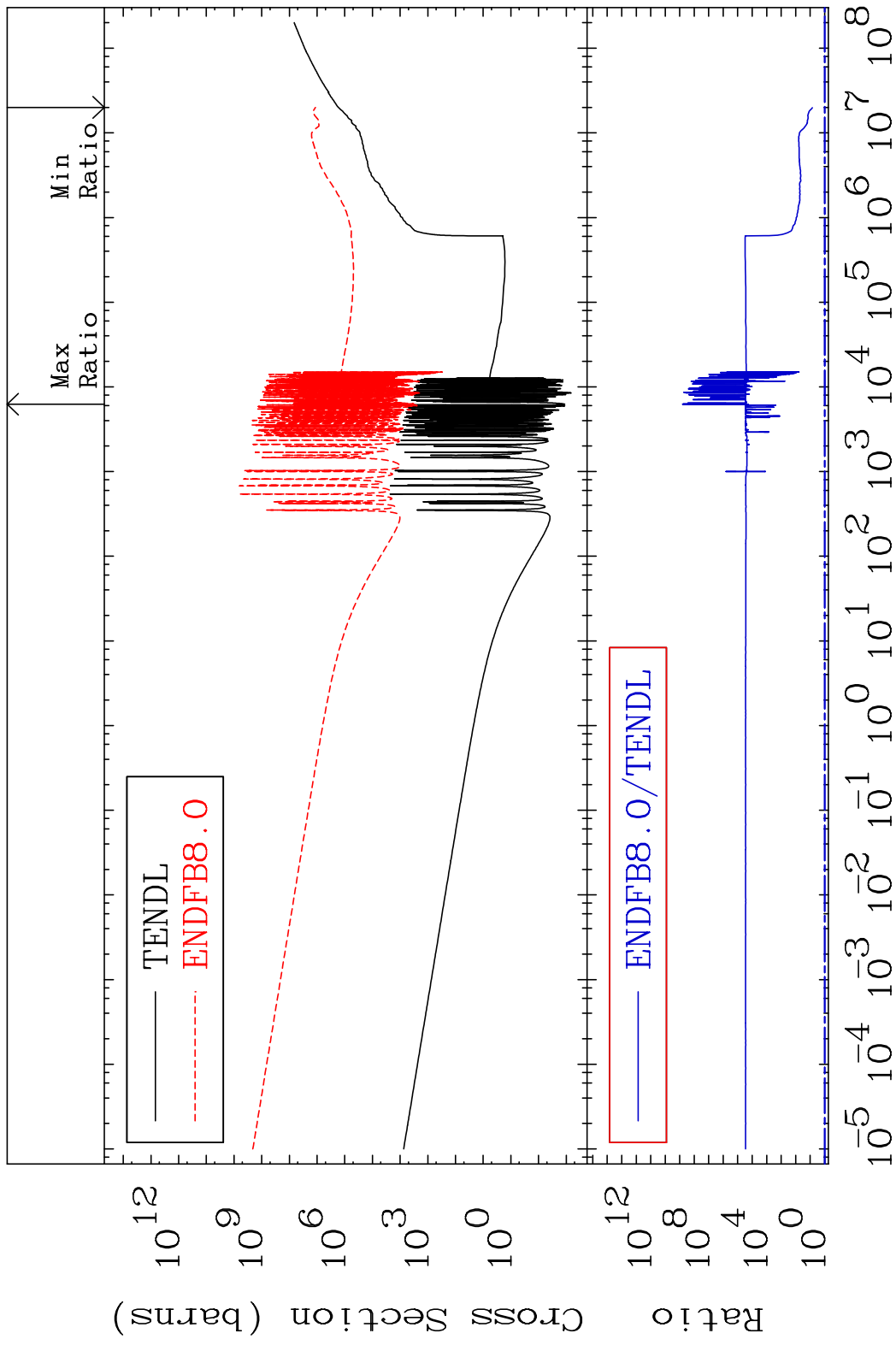


34

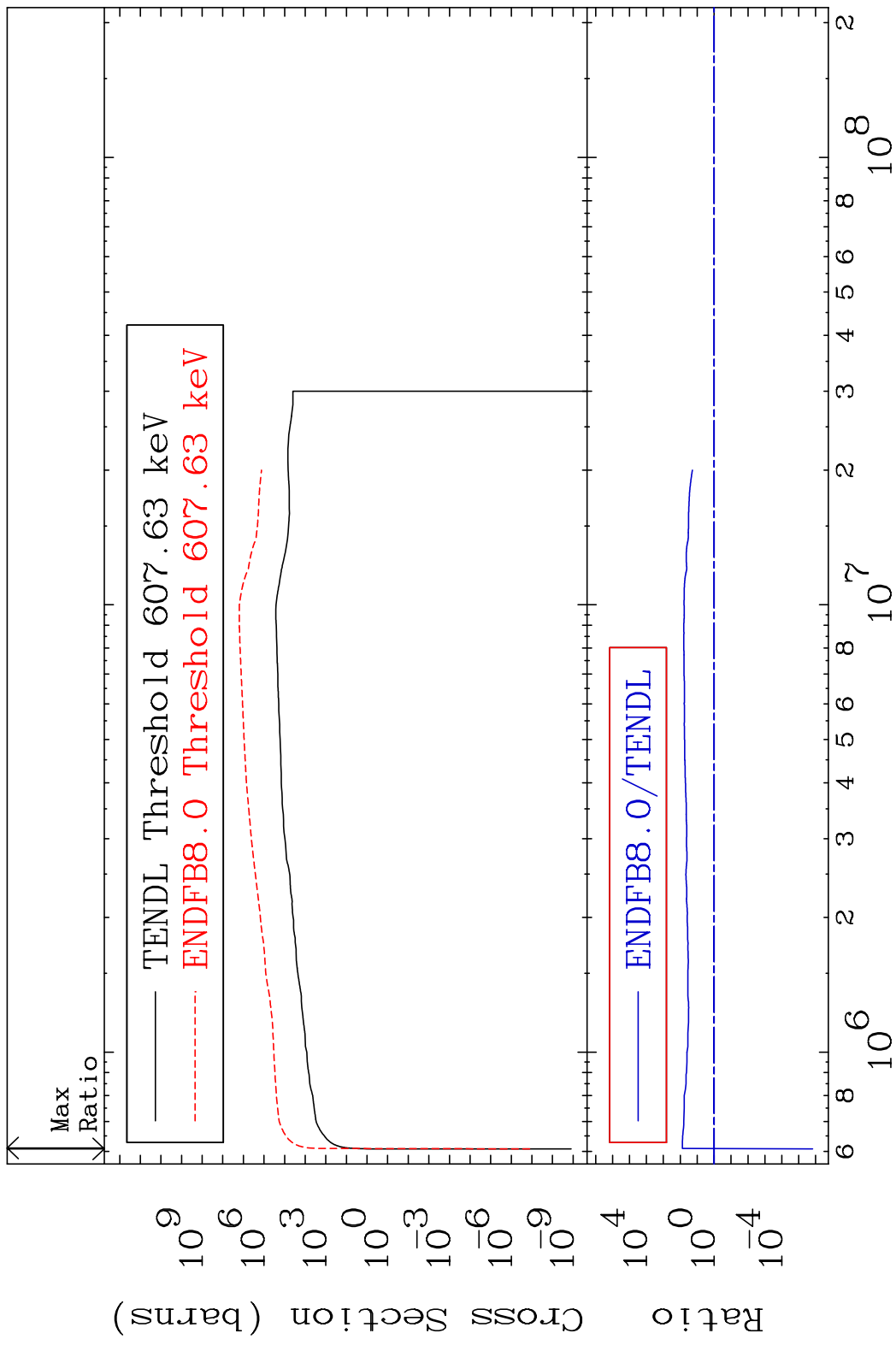
Incident Energy (eV)

52-Te-124

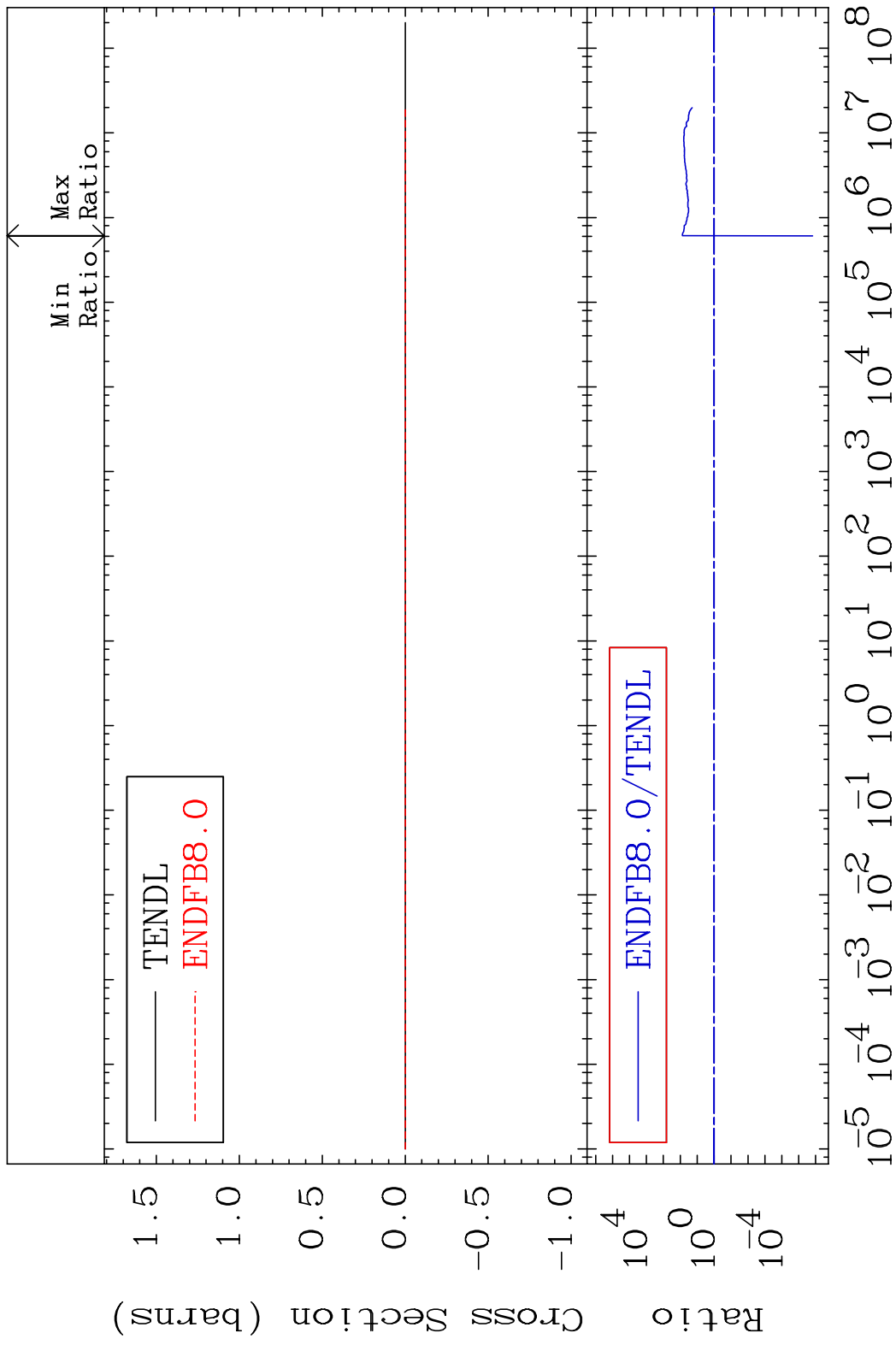
MAT 5237 Kerma non-elastic (all but mt2) 52-Te-124  
 Cross Section 583.0 To 9999. %



MAT 5237 Kerma inelastic (mt51-91) 52-Te-124  
 Cross Section -100.0 To 7430. %



MAT 5237 Kerma fission (mt18 or mt19-20-21-38) 52-Te-124  
 Cross Section -100.0 To 7430. %

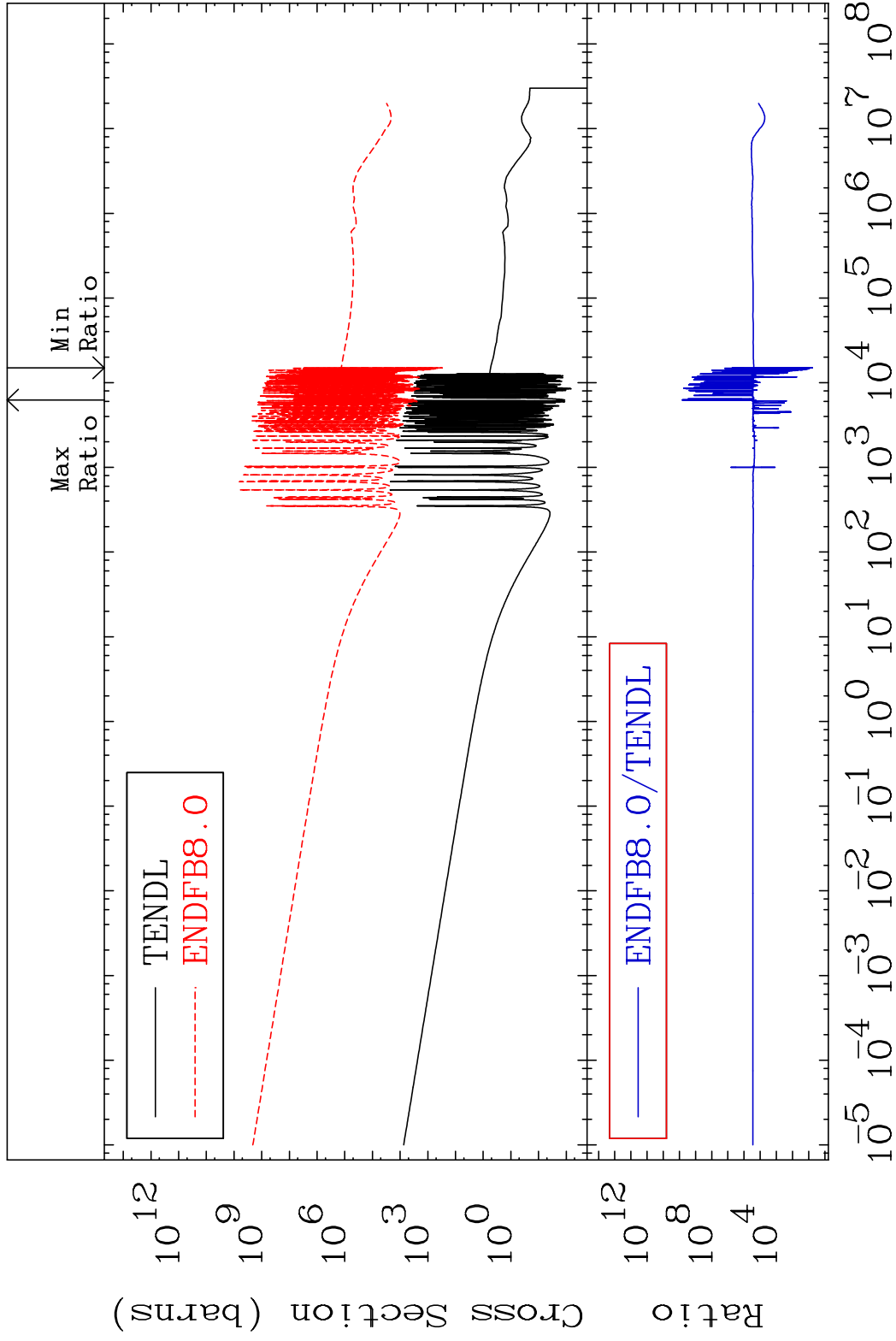


MAT 5237

Kerma capture (mt102)

52-Te-124

Cross Section 5633. To 9999. %



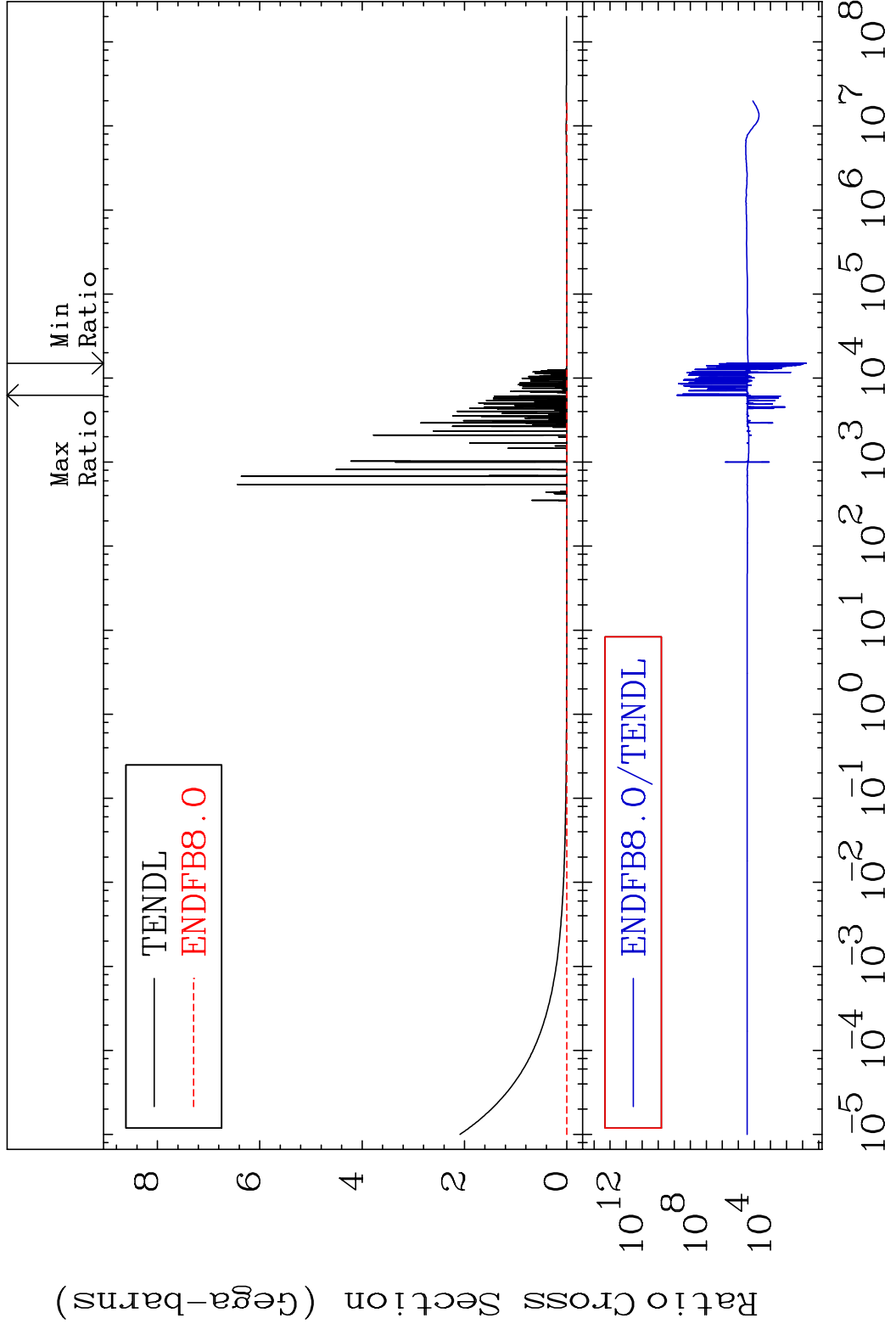
38

Incident Energy (eV)

52-Te-124

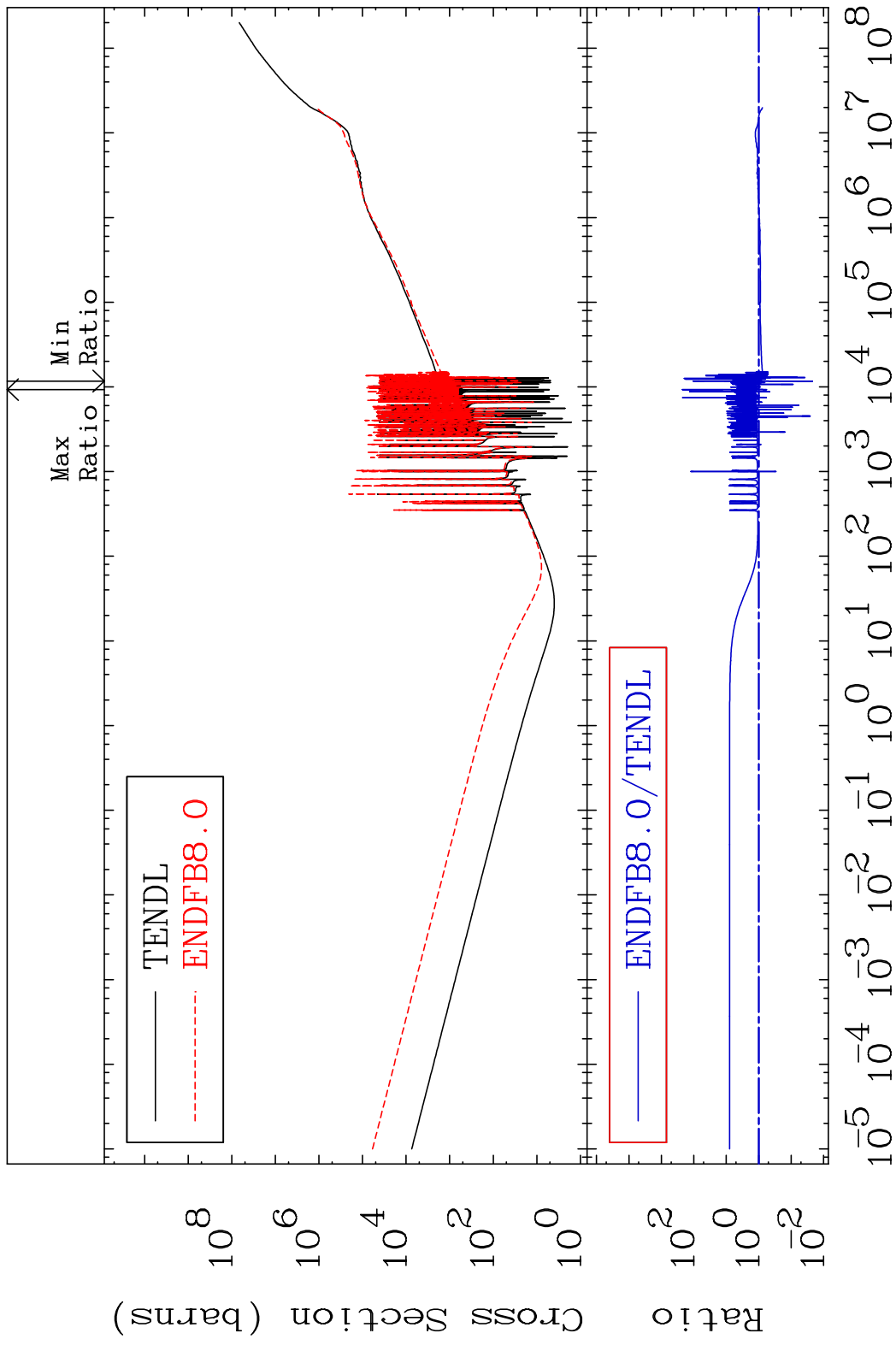
MAT 5237

Total photon (eV-barns) 52-Te-124  
Cross Section 5633. To 9999. %





MAT 5237 Total kinematic kerma (high limit) 52-Te-124  
 Cross Section -97.81 To 9999. %



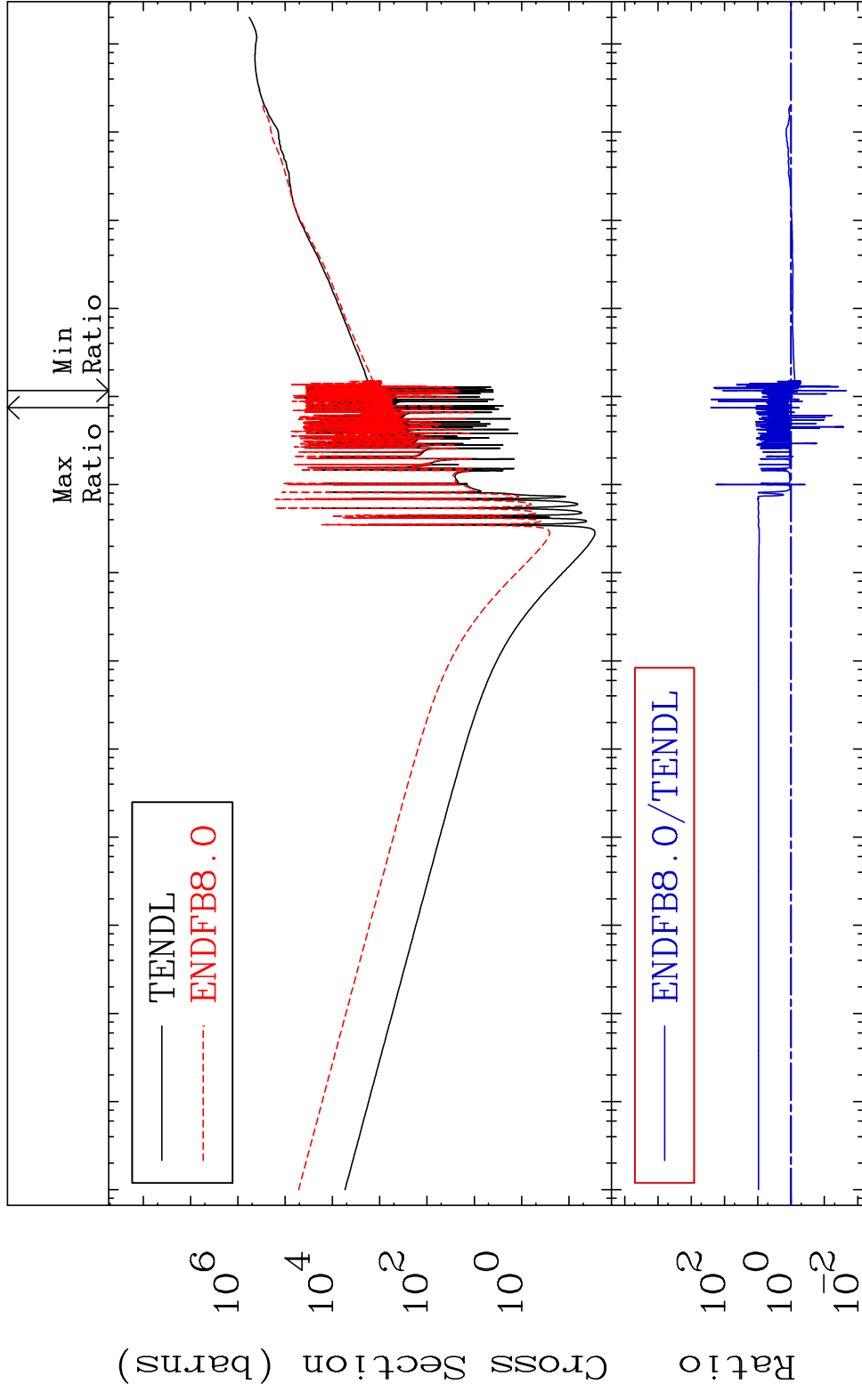
40 Incident Energy (eV) 52-Te-124

MAT 5237

Dpa total (eV-barns)

52-Te-124

Cross Section -97.81 To 9999. %



41

Incident Energy (eV)

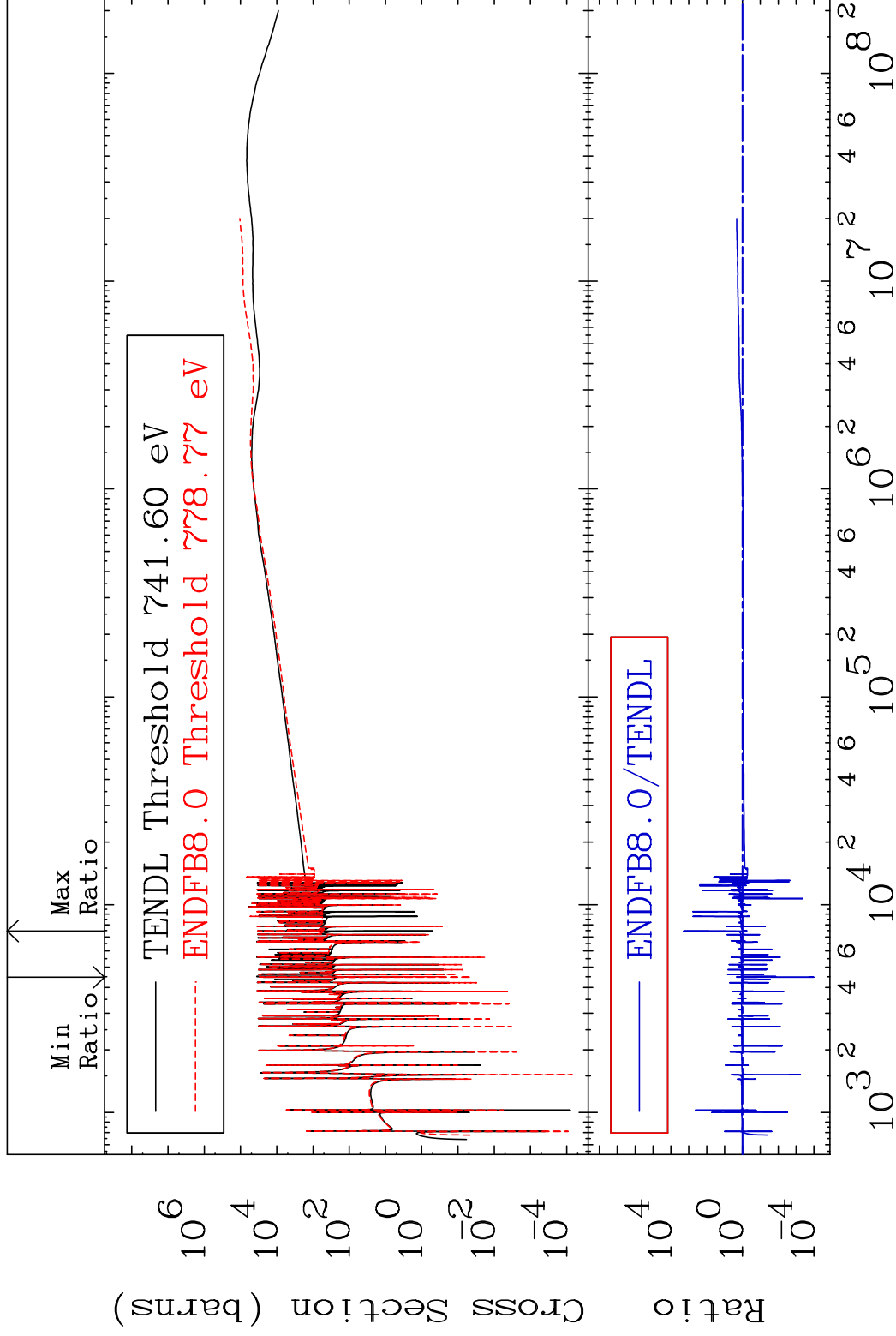
52-Te-124

MAT 5237

Dpa elastic (mt2)

52-Te-124

Cross Section -99.99 To 9999. %

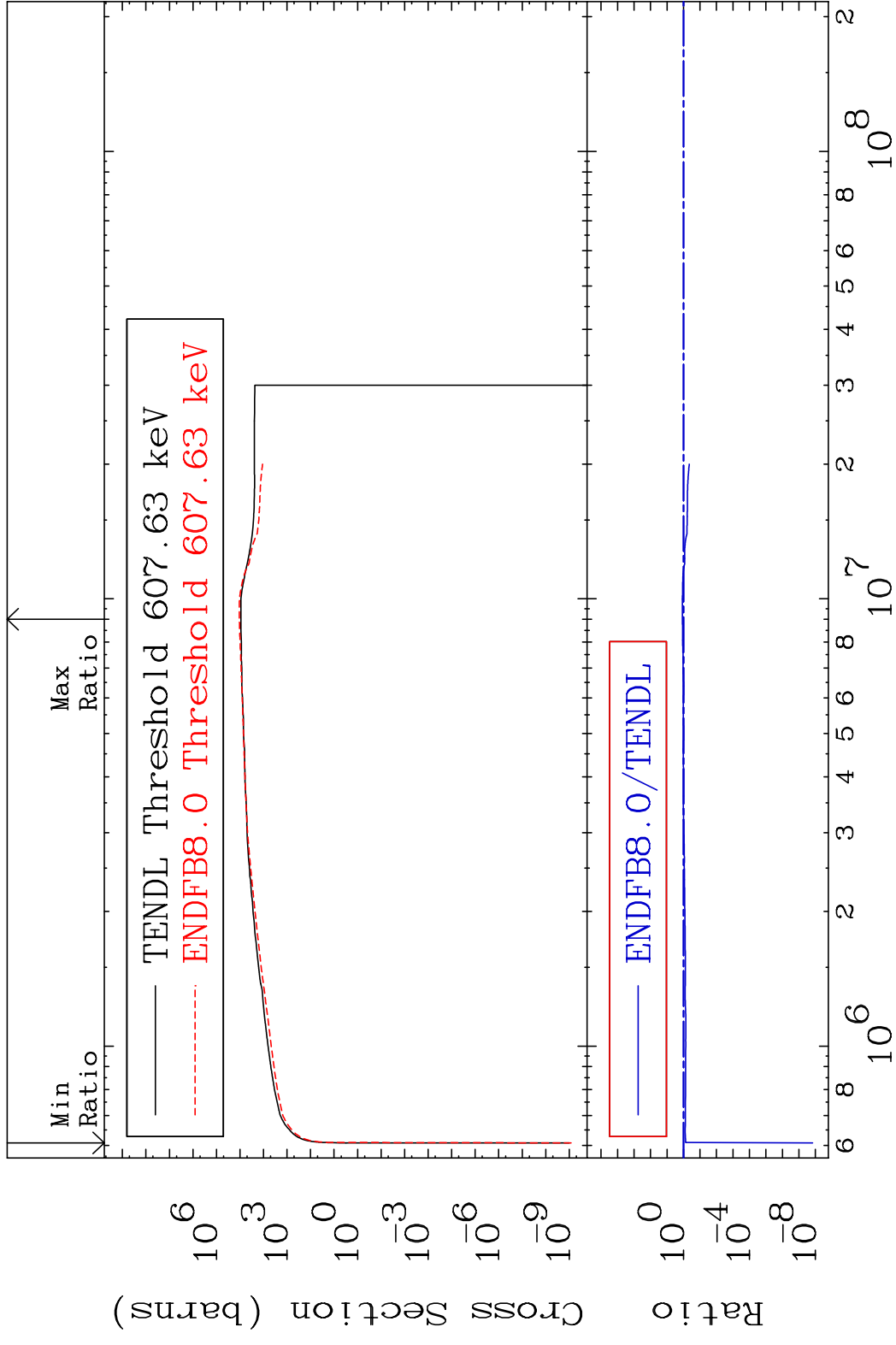


42

Incident Energy (eV)

52-Te-124

MAT 5237 Dpa inelastic (mt51-91) 52-Te-124  
 Cross Section -100.0 To 17.30 %



MAT 5237 Dpa disappearance (mt102 -120) 52-Te-124  
 Cross Section -99.68 To 9999. %

