

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)

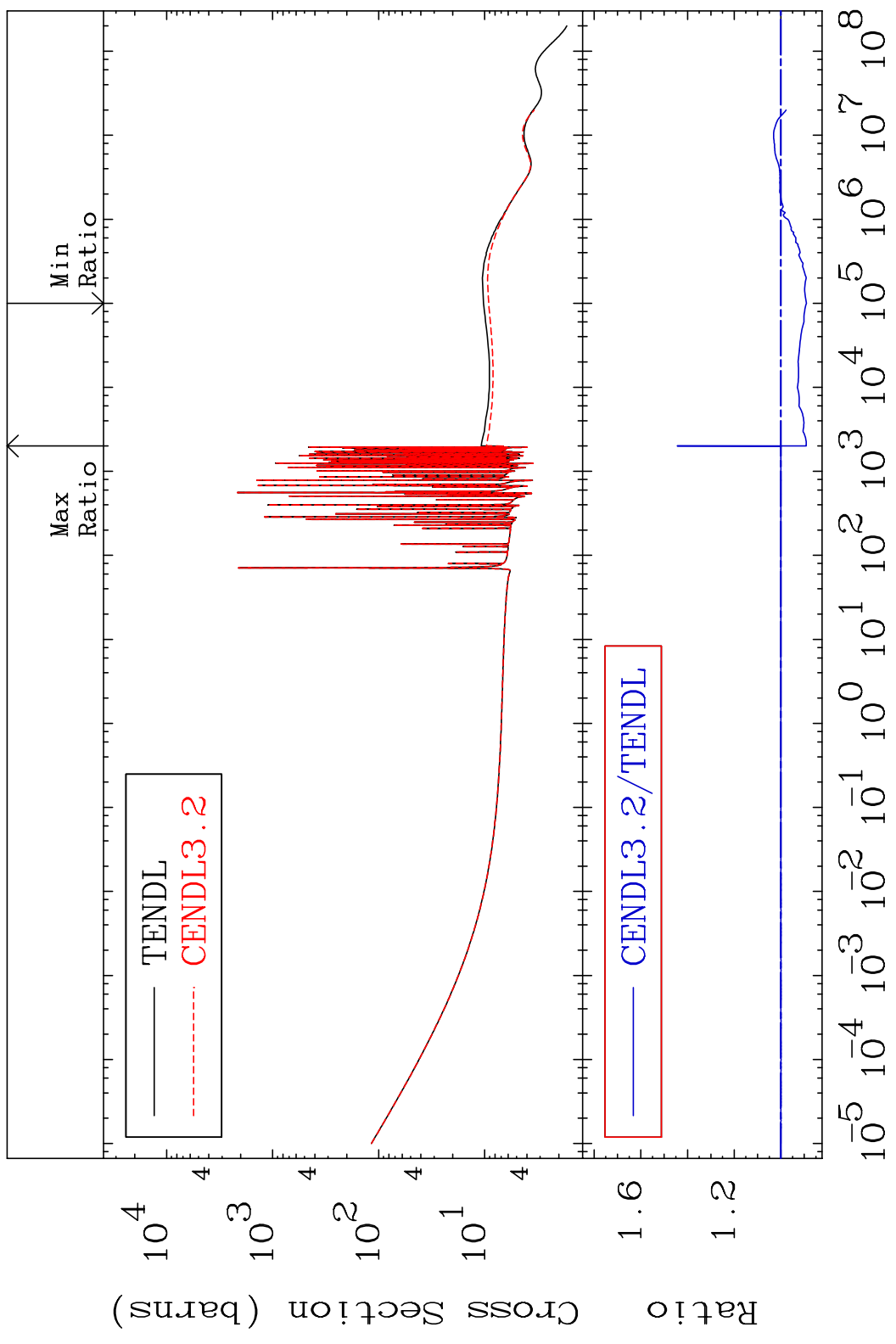
Press Mouse Button to Start

MAT 4240

Total

42-Mo-97

Cross Section -10.90 To 44.42 %



42-Mo-97

Incident Energy (eV)

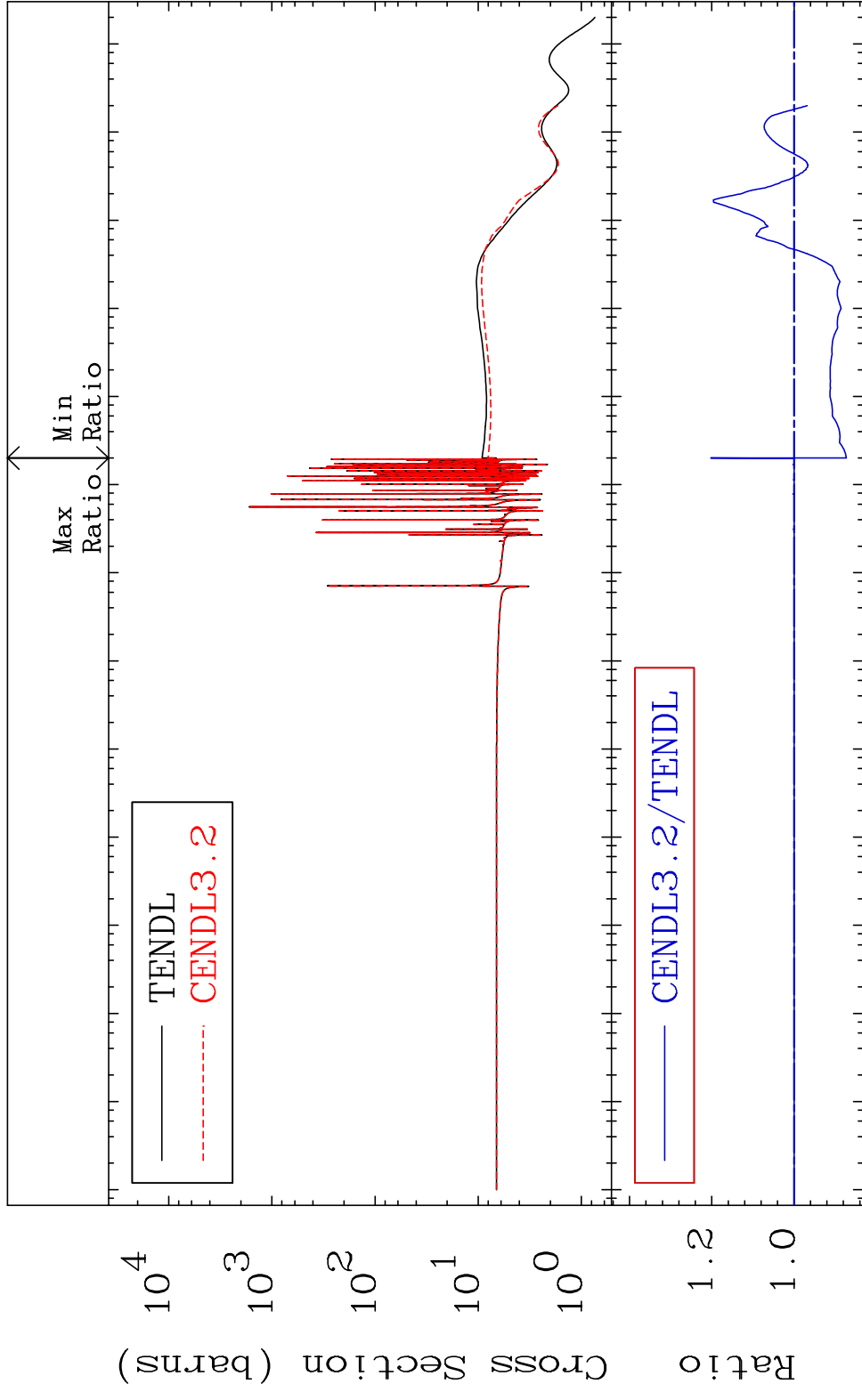
1

MAT 4240

Elastic

42-Mo-97

Cross Section -12.72 To 20.27 %

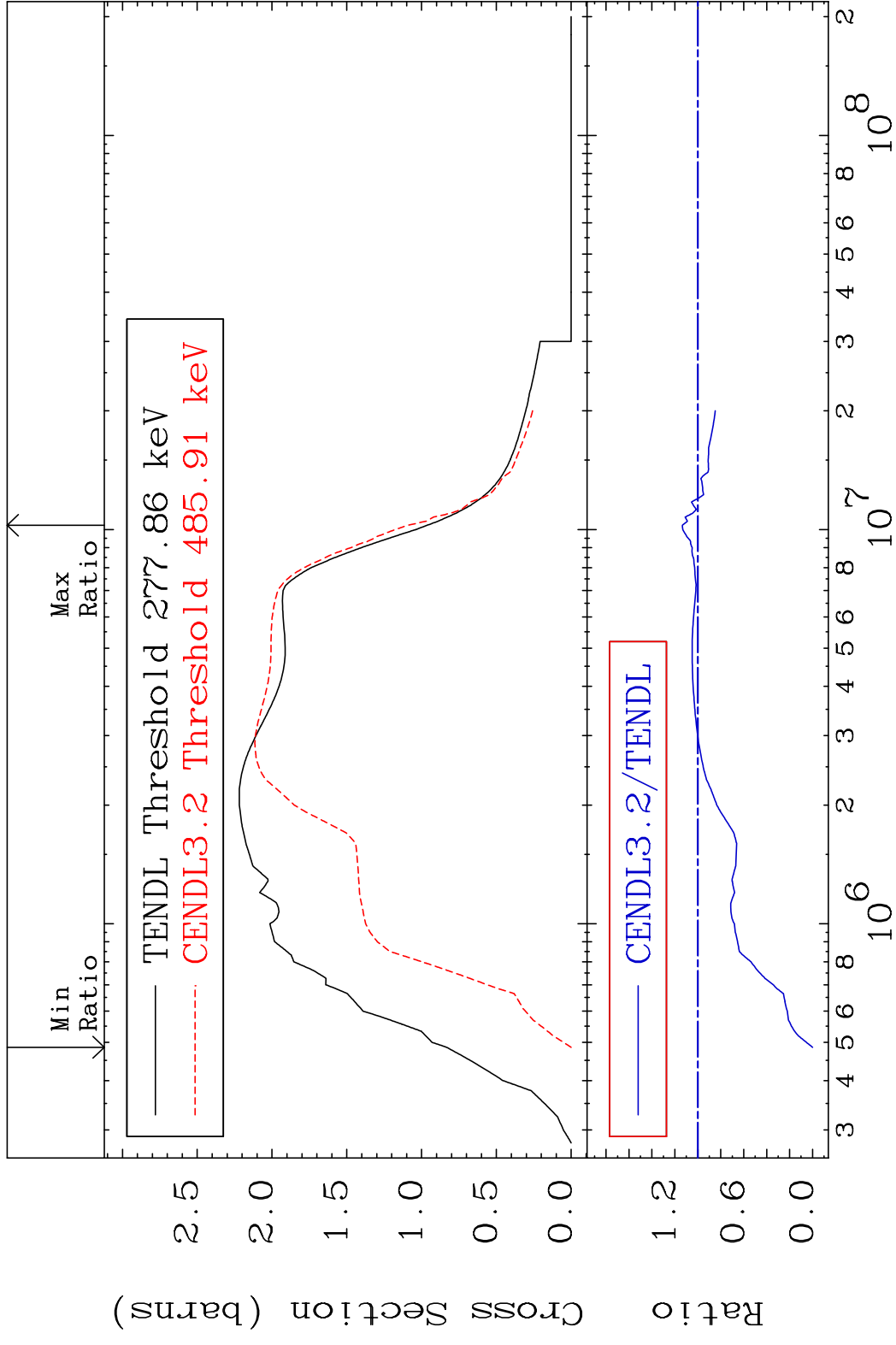


Incident Energy (eV)

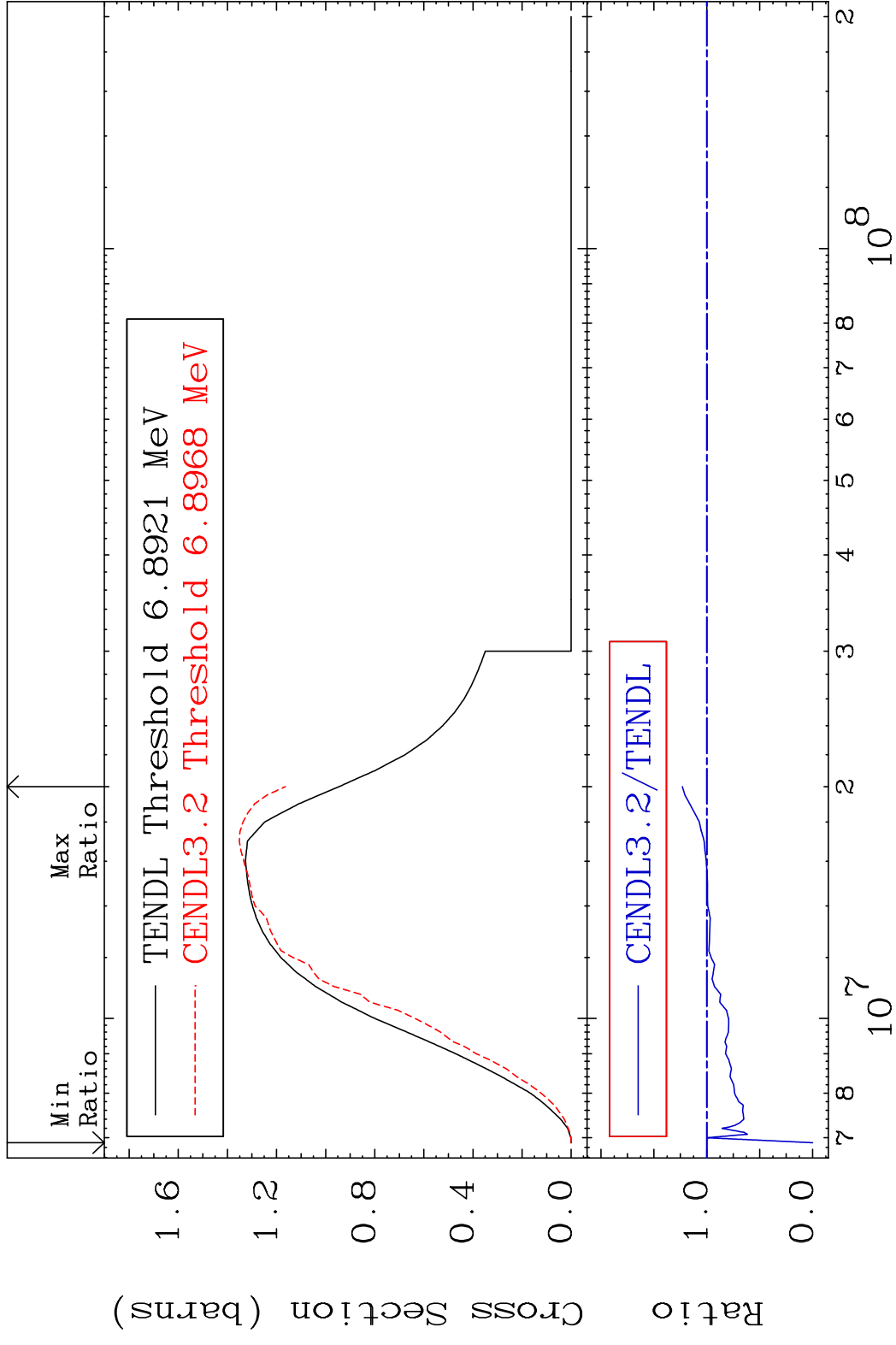
2

42-Mo-97

MAT 4240 Inelastic Cross Section -100.0 To 13.49 % 42-Mo-97



MAT 4240 (n,2n) 42-Mo-97  
 Cross Section -100.0 To 23.10 %



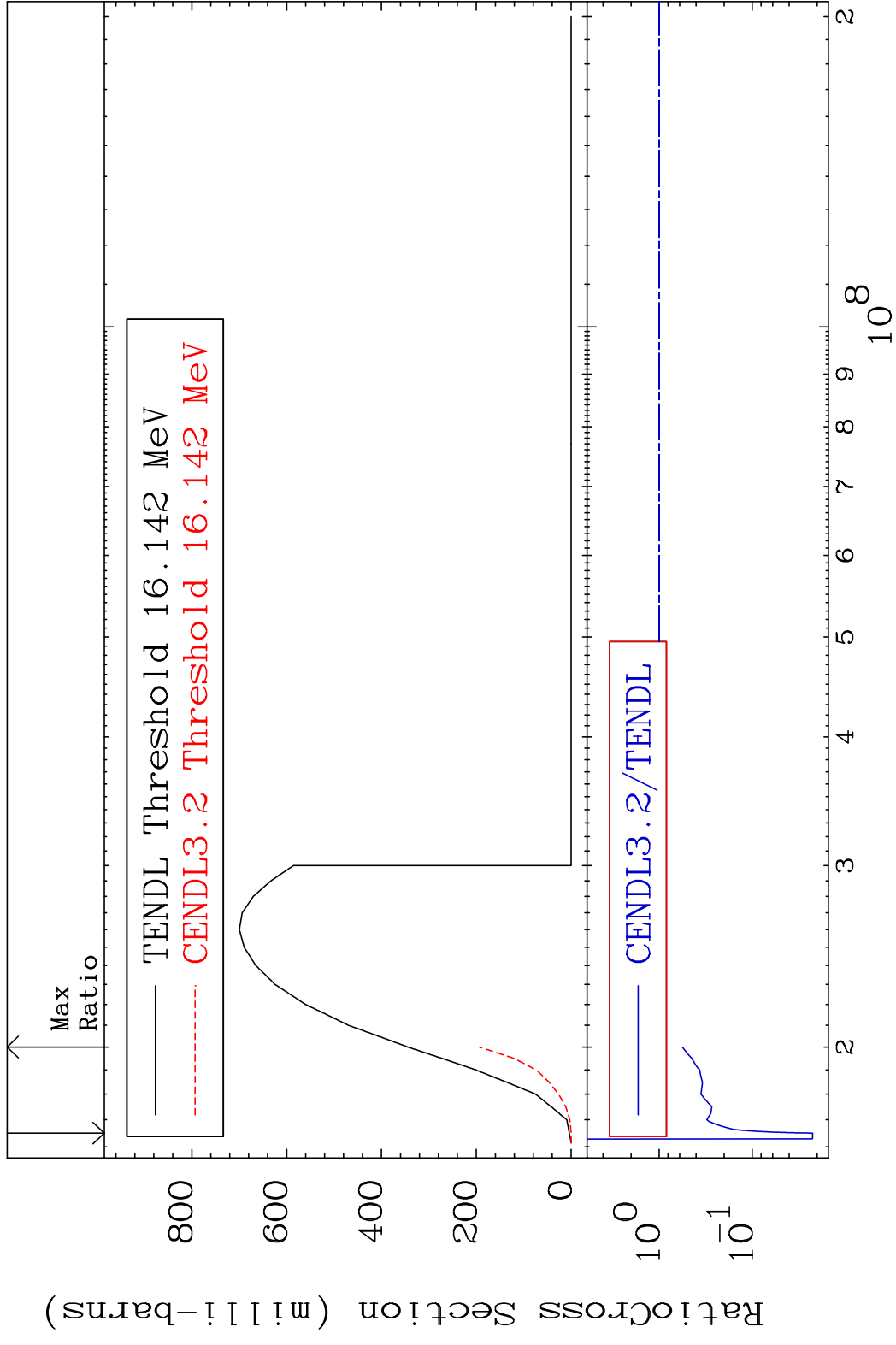
4 Incident Energy (eV) 42-Mo-97

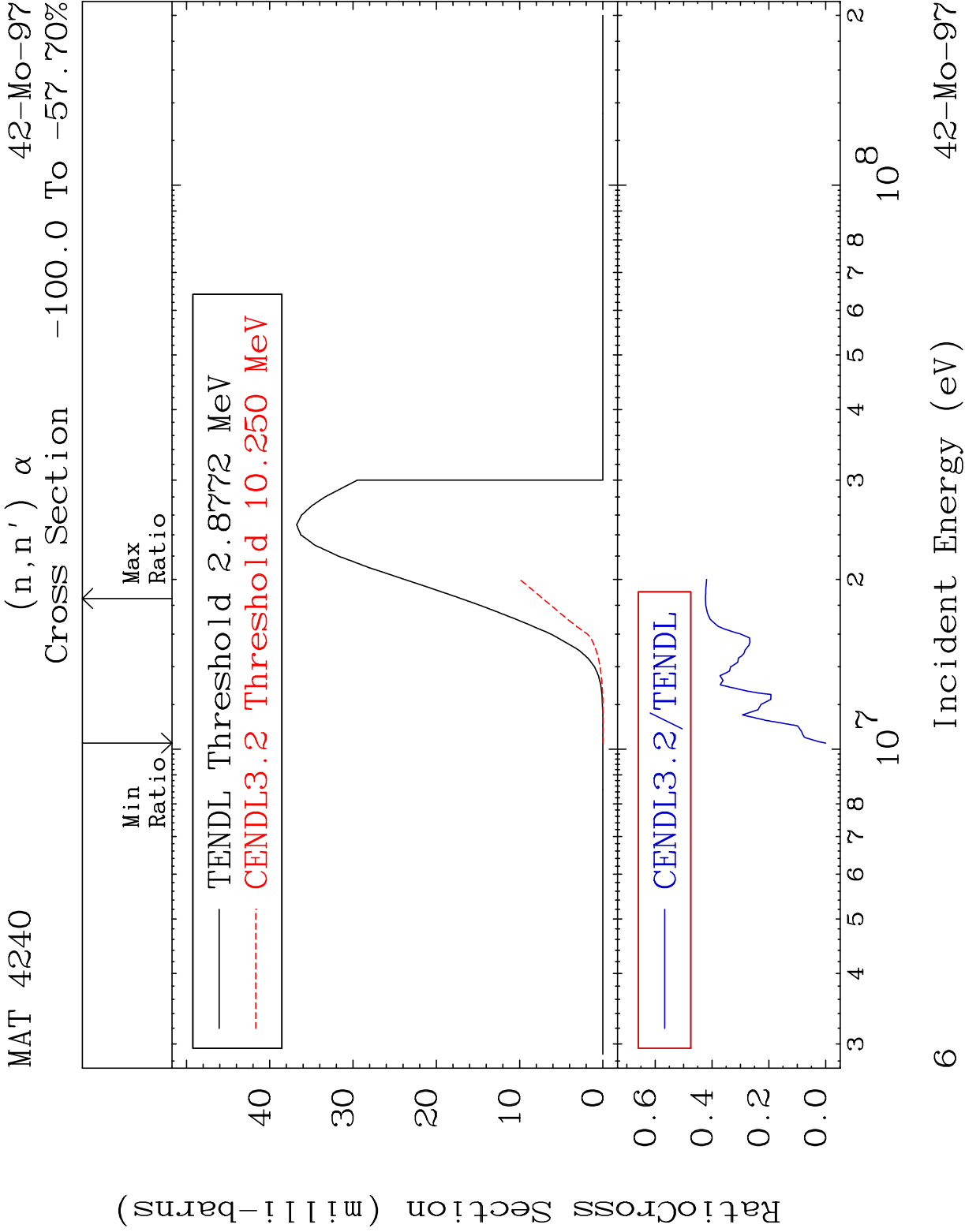
MAT 4240

(n,3n)

42-Mo-97

Cross Section -97.76 To -43.83%



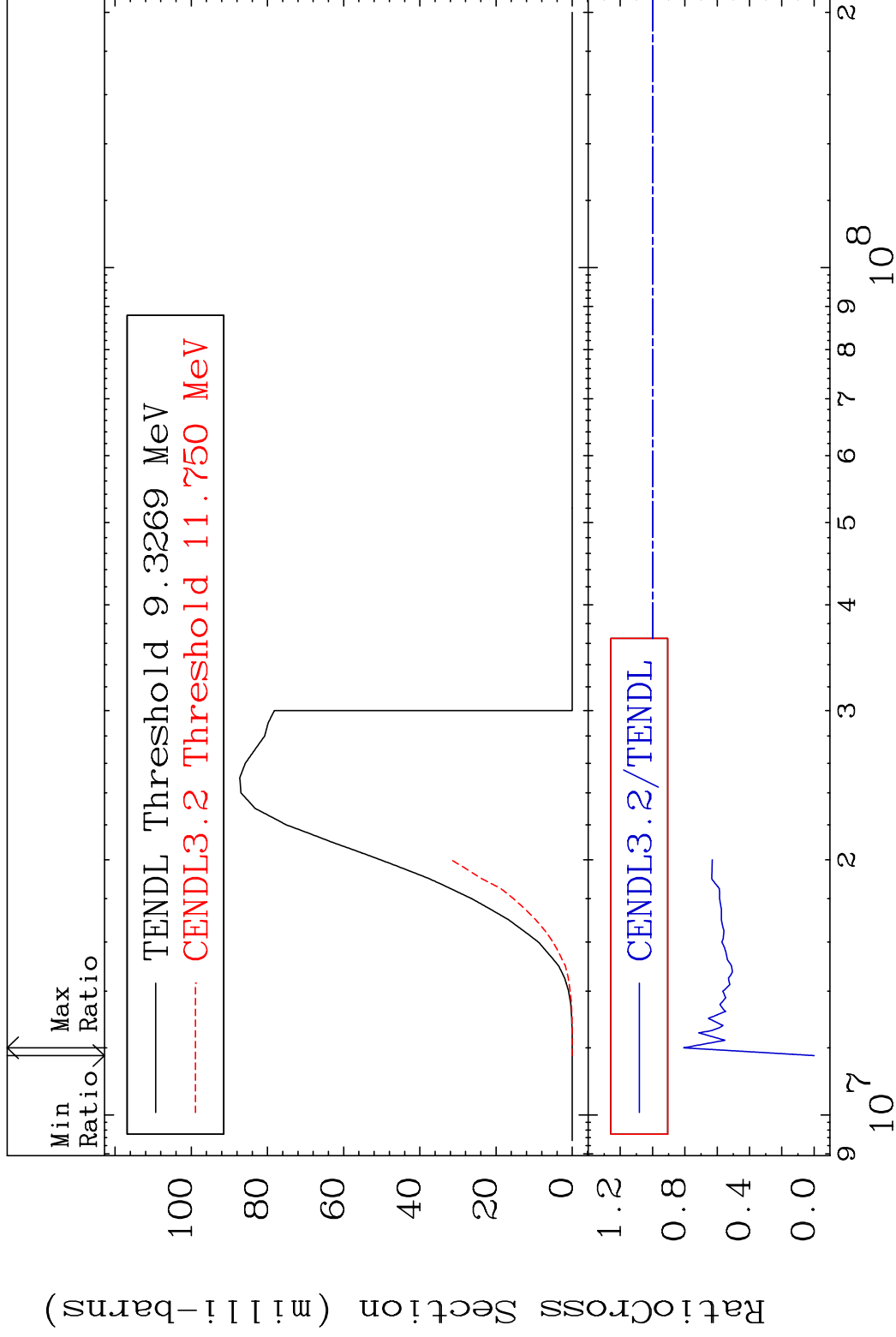


MAT 4240

(n, n') p

42-Mo-97

Cross Section -100.0 To -19.24%

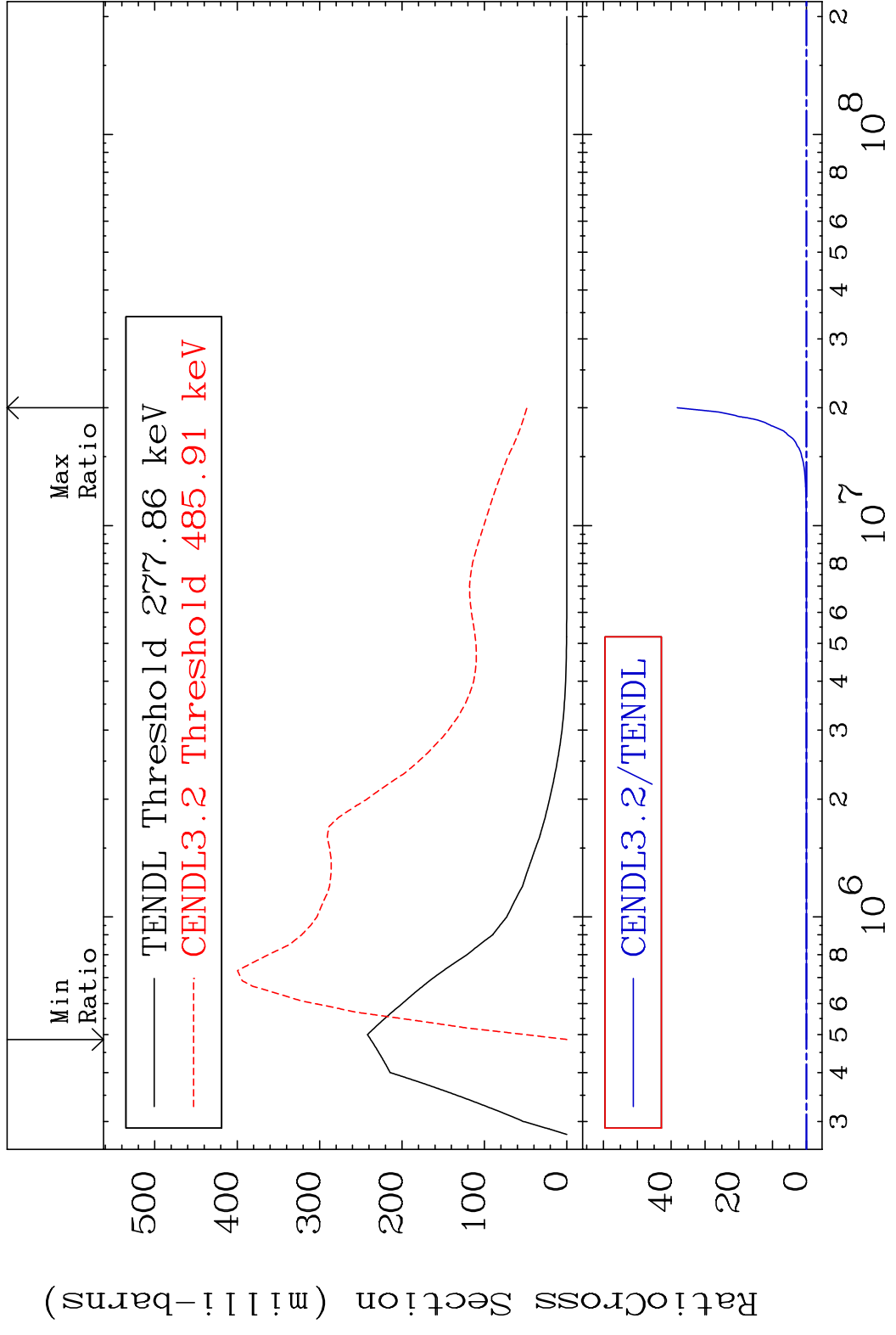


7

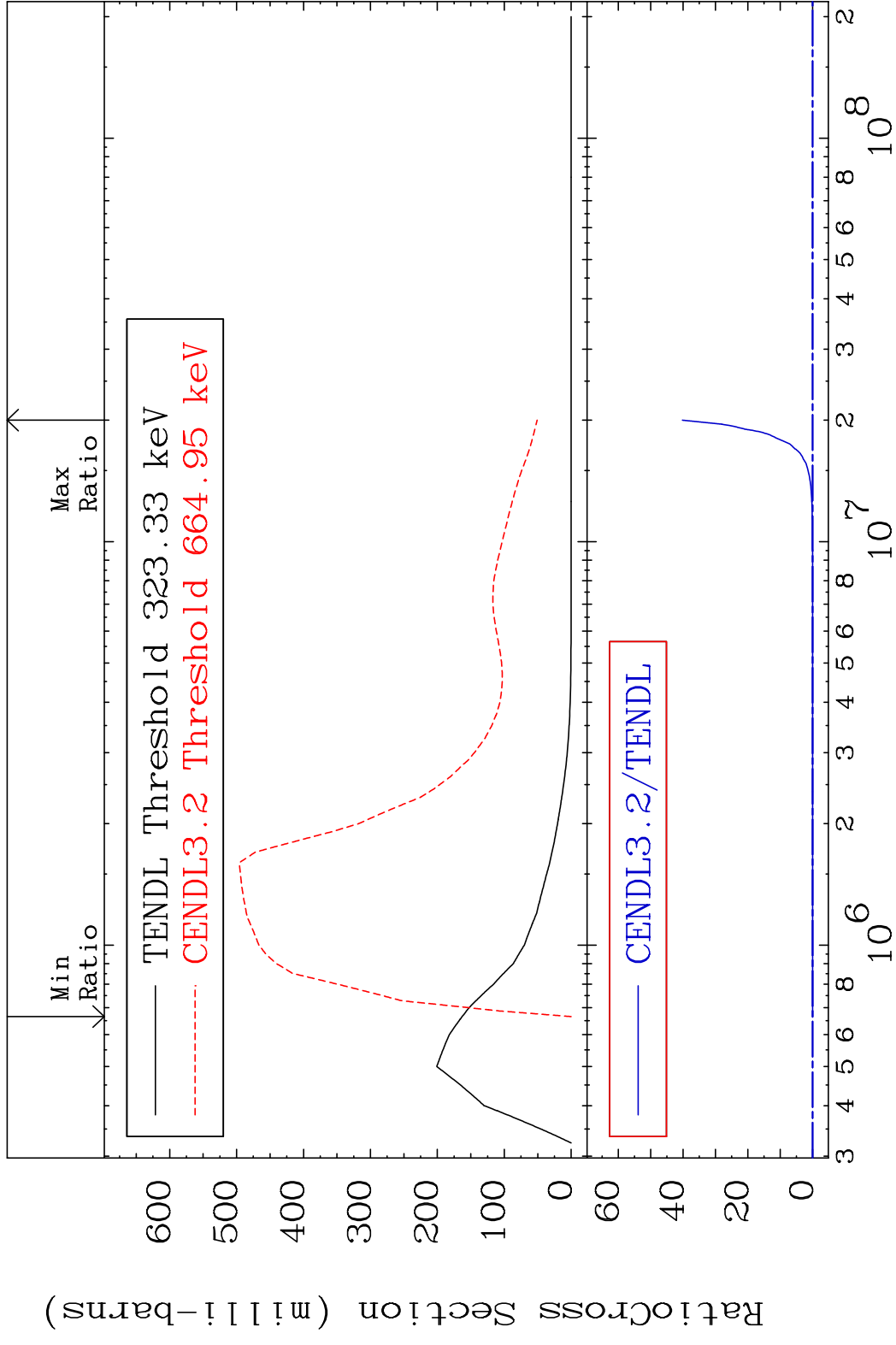
Incident Energy (eV)

42-Mo-97

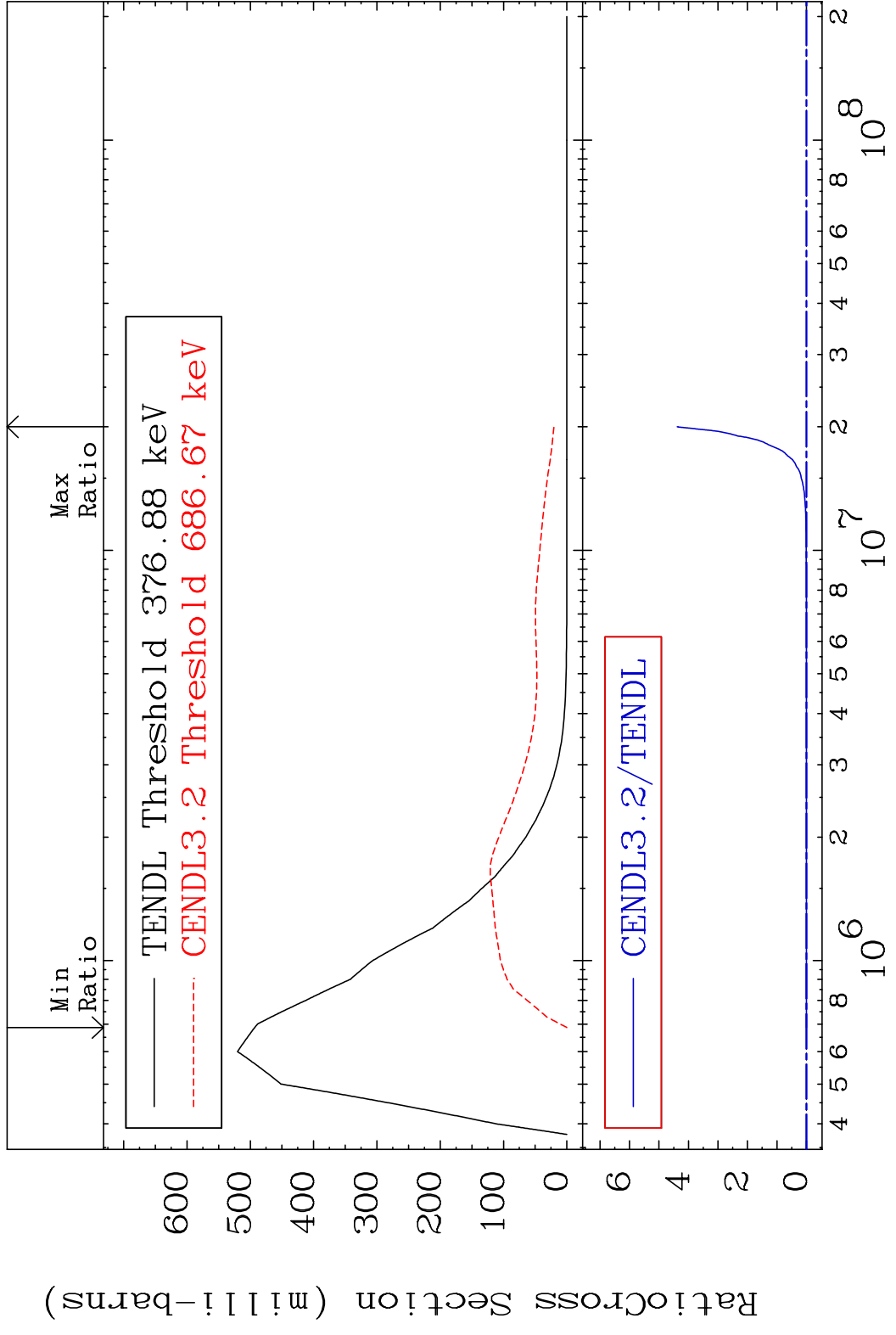
MAT 4240 MT= 51 (n, n') Level 42-Mo-97  
 Cross Section -100.0 To 9999. %



MAT 4240 MT= 52 (n, n') Level 42-Mo-97  
 Cross Section -100.0 To 9999. %

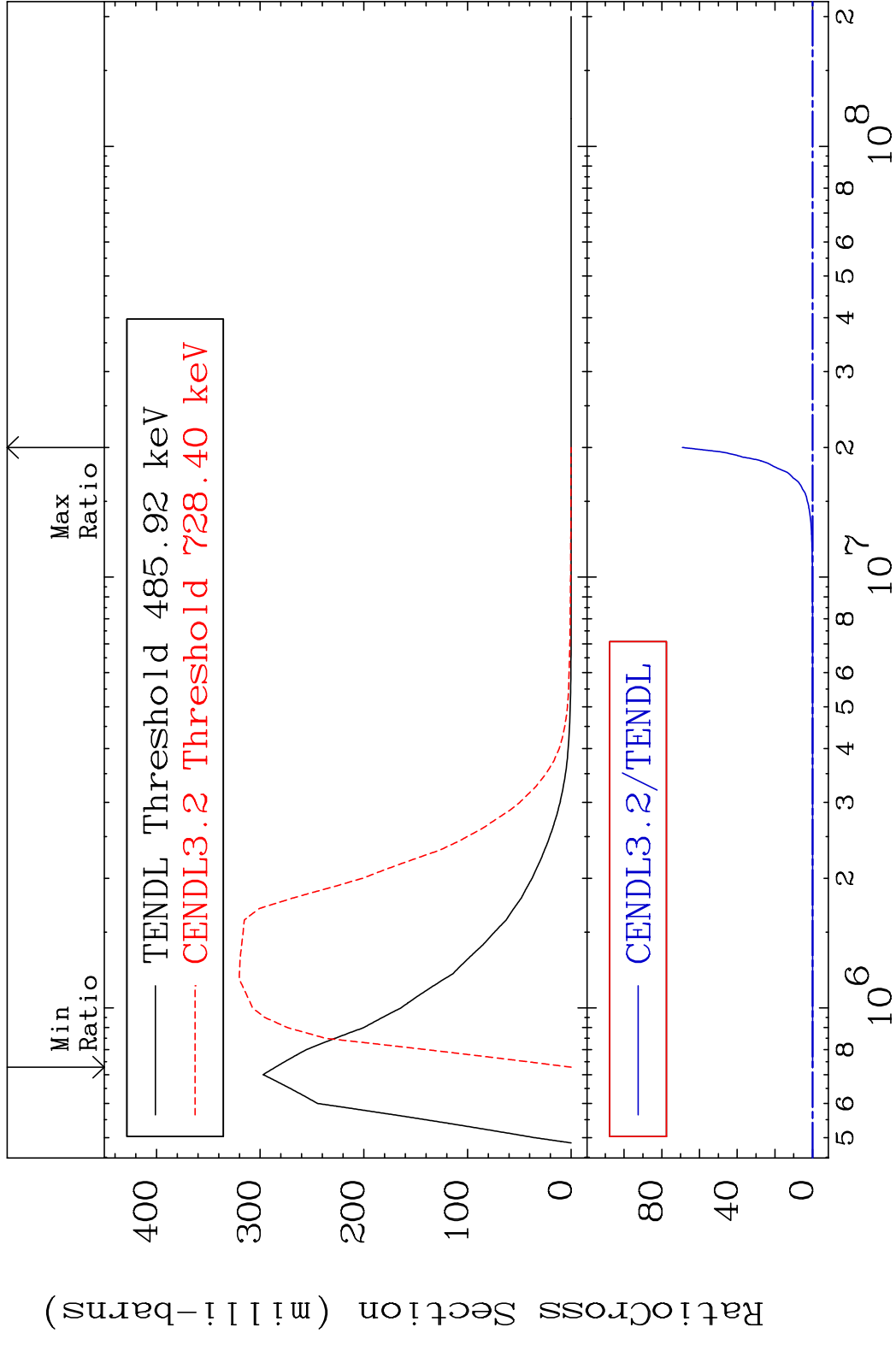


MAT 4240 MT= 53 (n, n') Level 42-Mo-97  
 Cross Section -100.0 To 9999. %

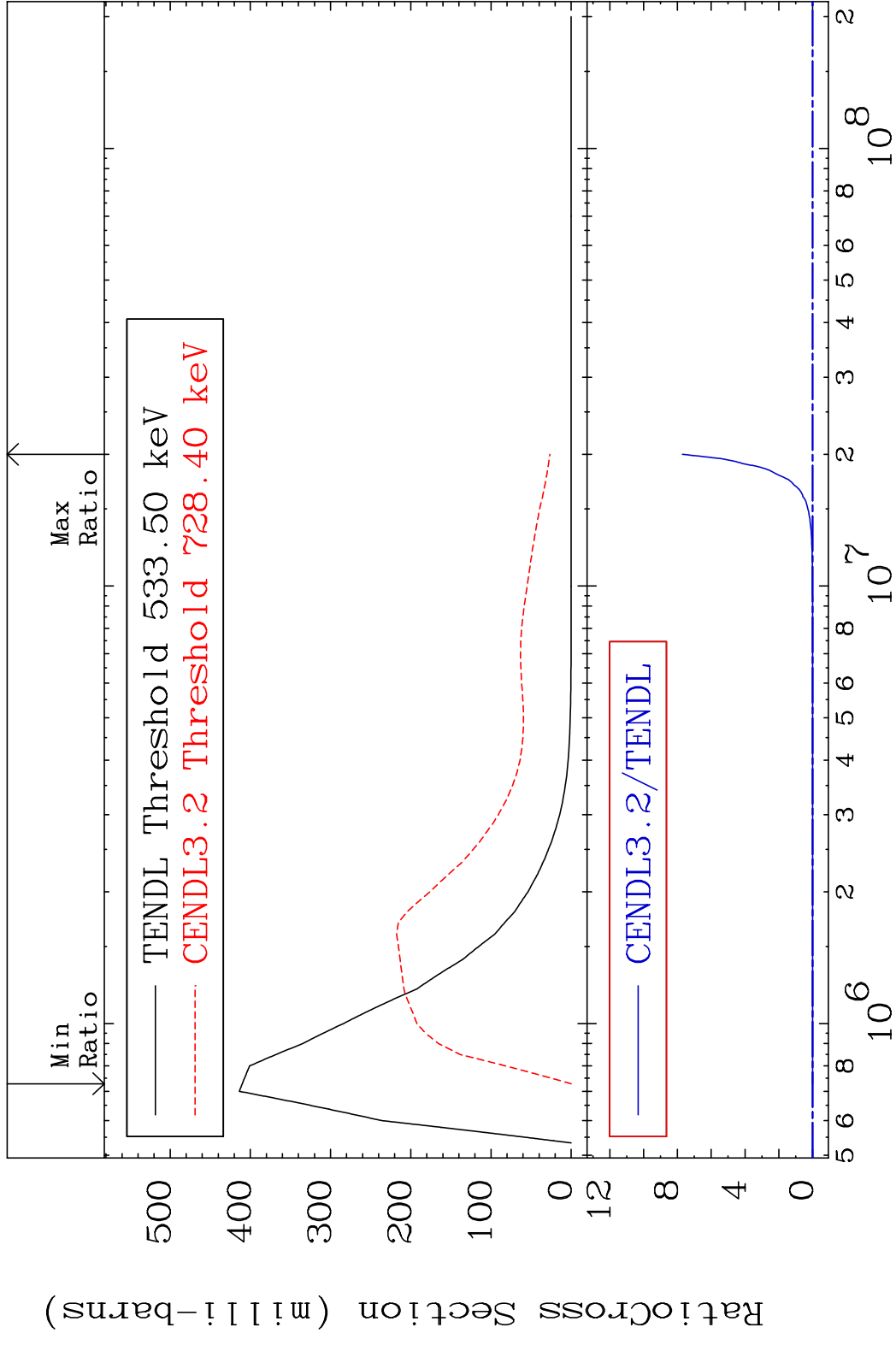


10 Incident Energy (eV) 42-Mo-97

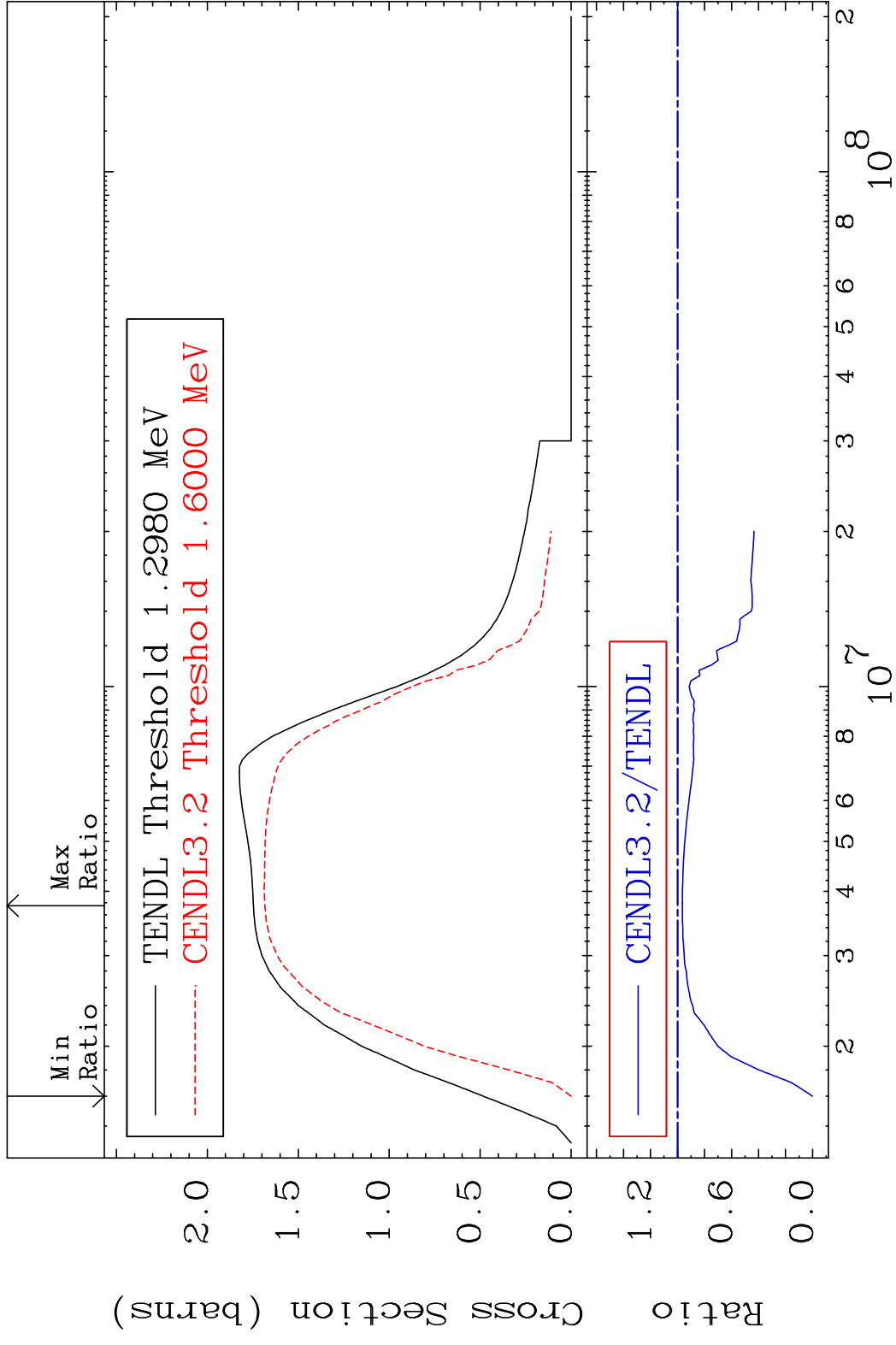
MAT 4240 MT= 54 (n, n') Level 42-Mo-97  
 Cross Section -100.0 To 9999. %



MAT 4240 MT= 55 (n, n') Level 42-Mo-97  
 Cross Section -100.0 To 9999. %



MAT 4240 (n,n') Continuum 42-Mo-97  
 Cross Section -100.0 To -3.573%

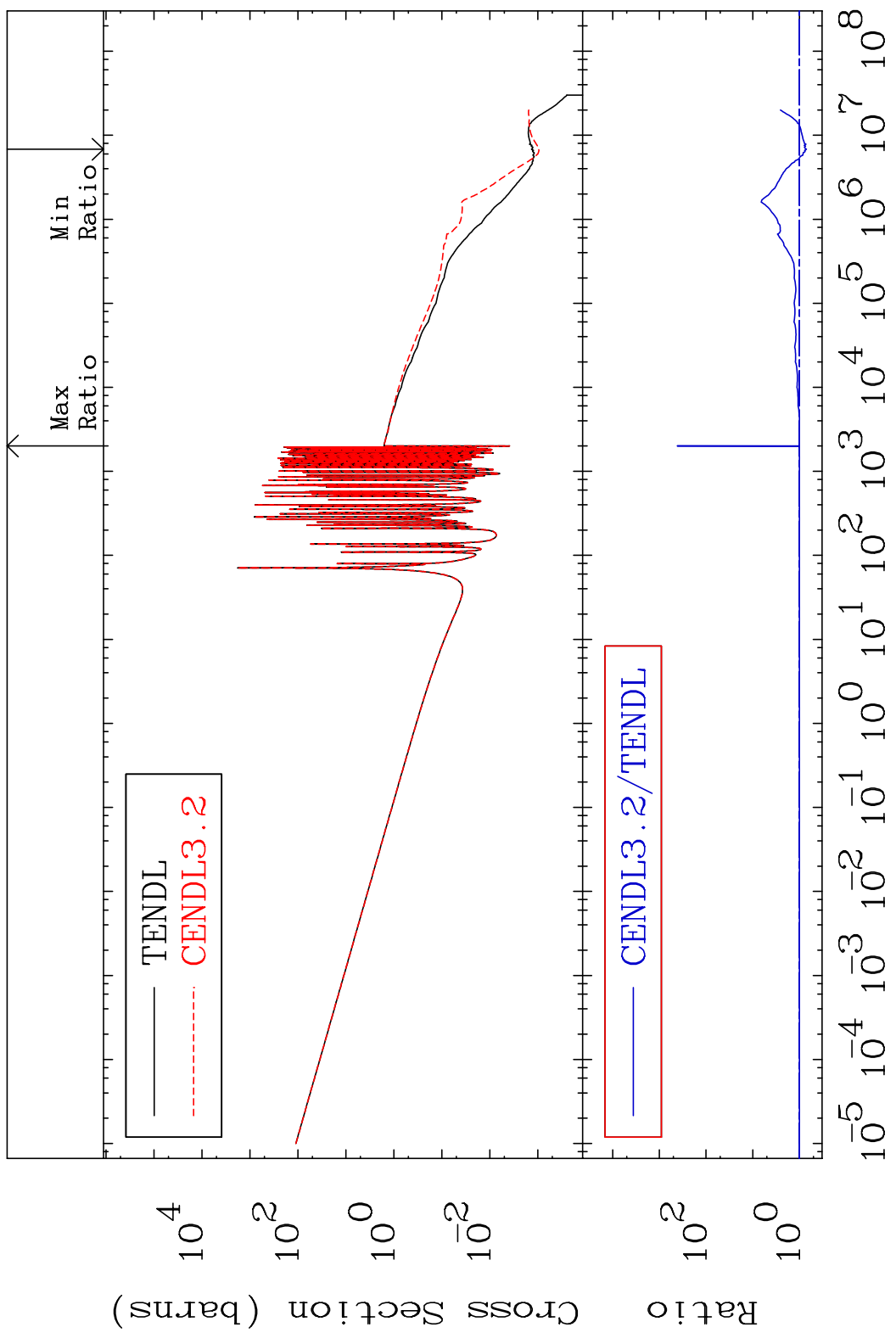


MAT 4240

(n,  $\gamma$ )

42-Mo-97

Cross Section -29.43 To 9999. %

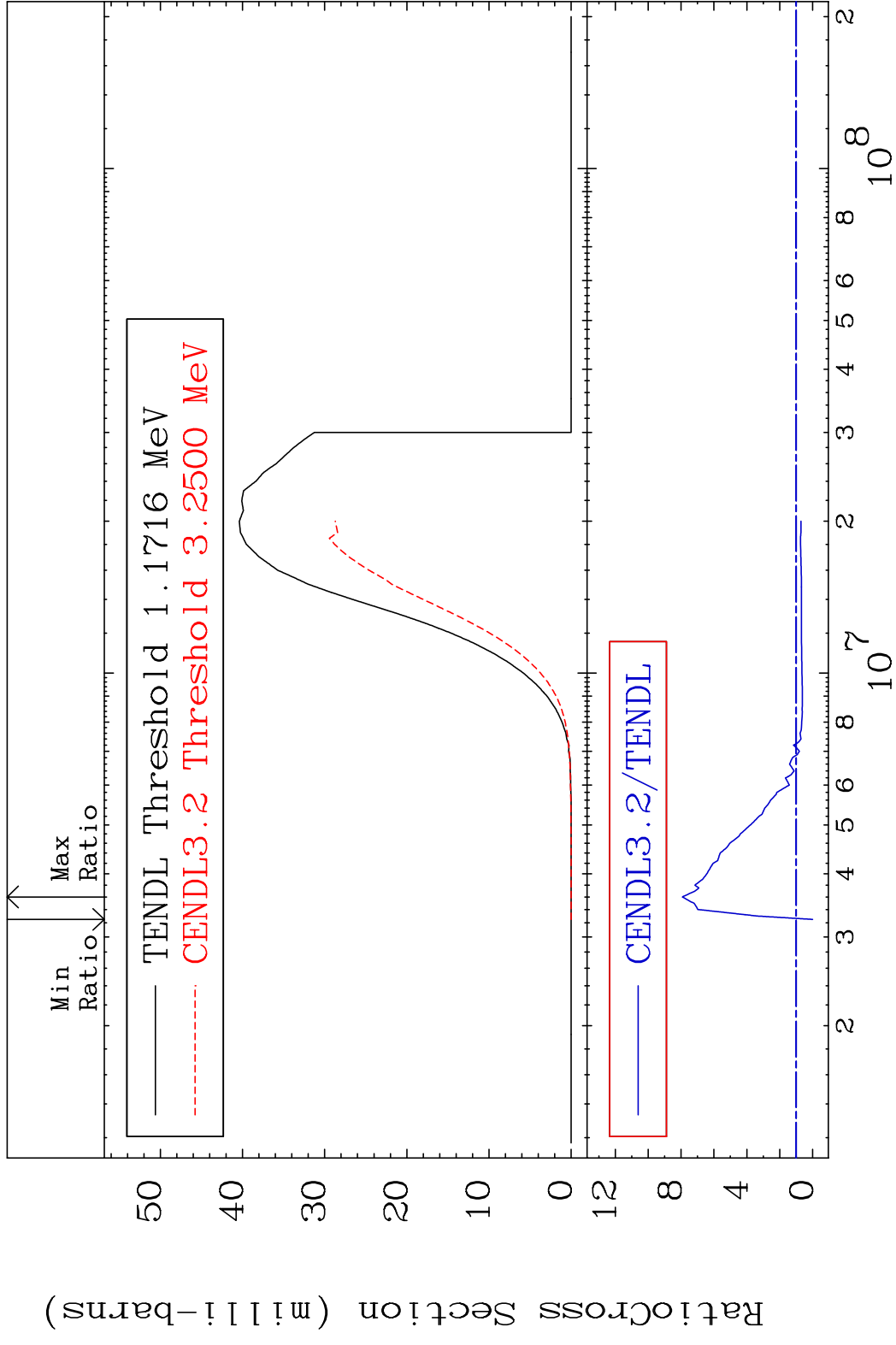


14

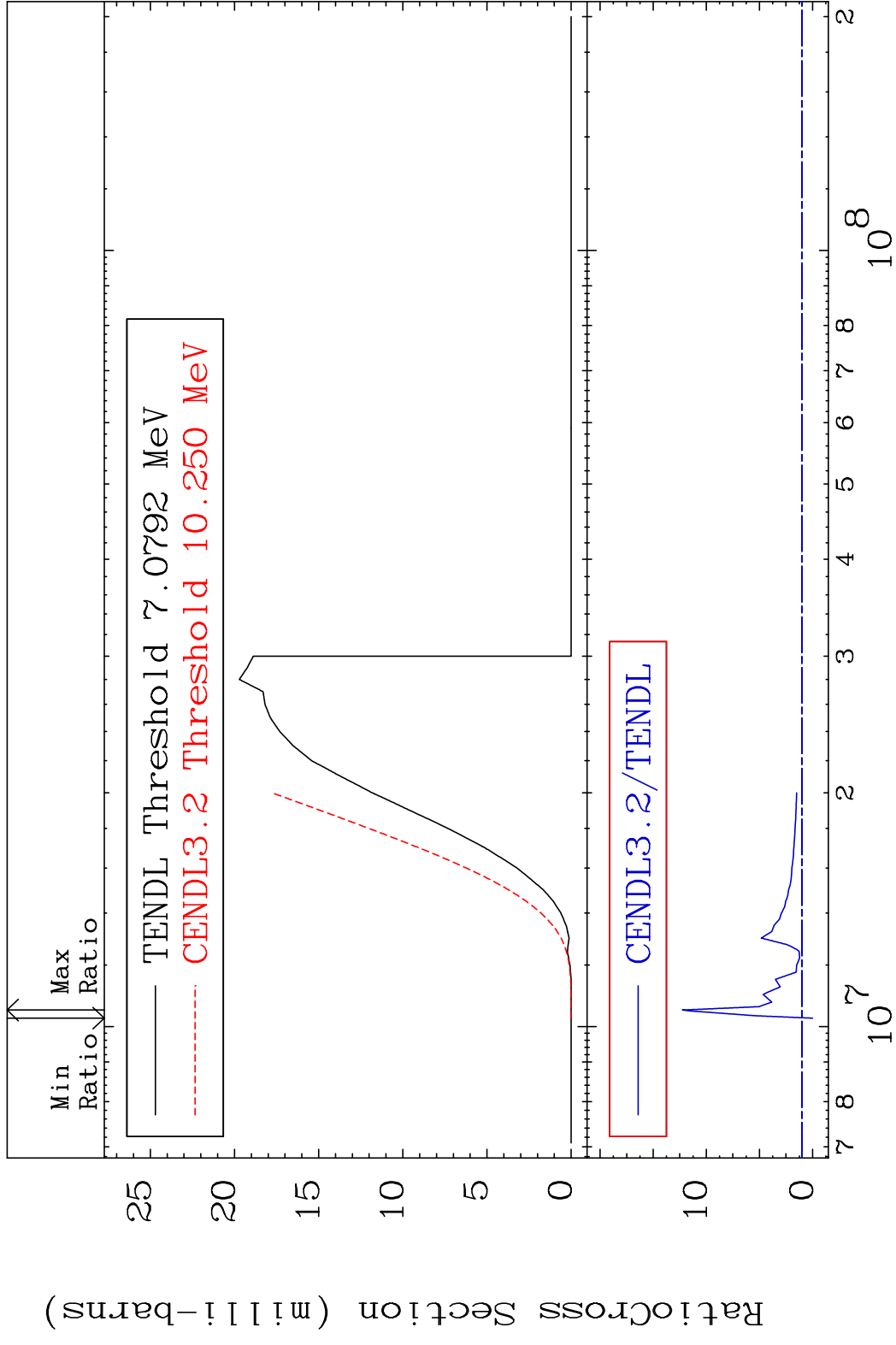
Incident Energy (eV)

42-Mo-97

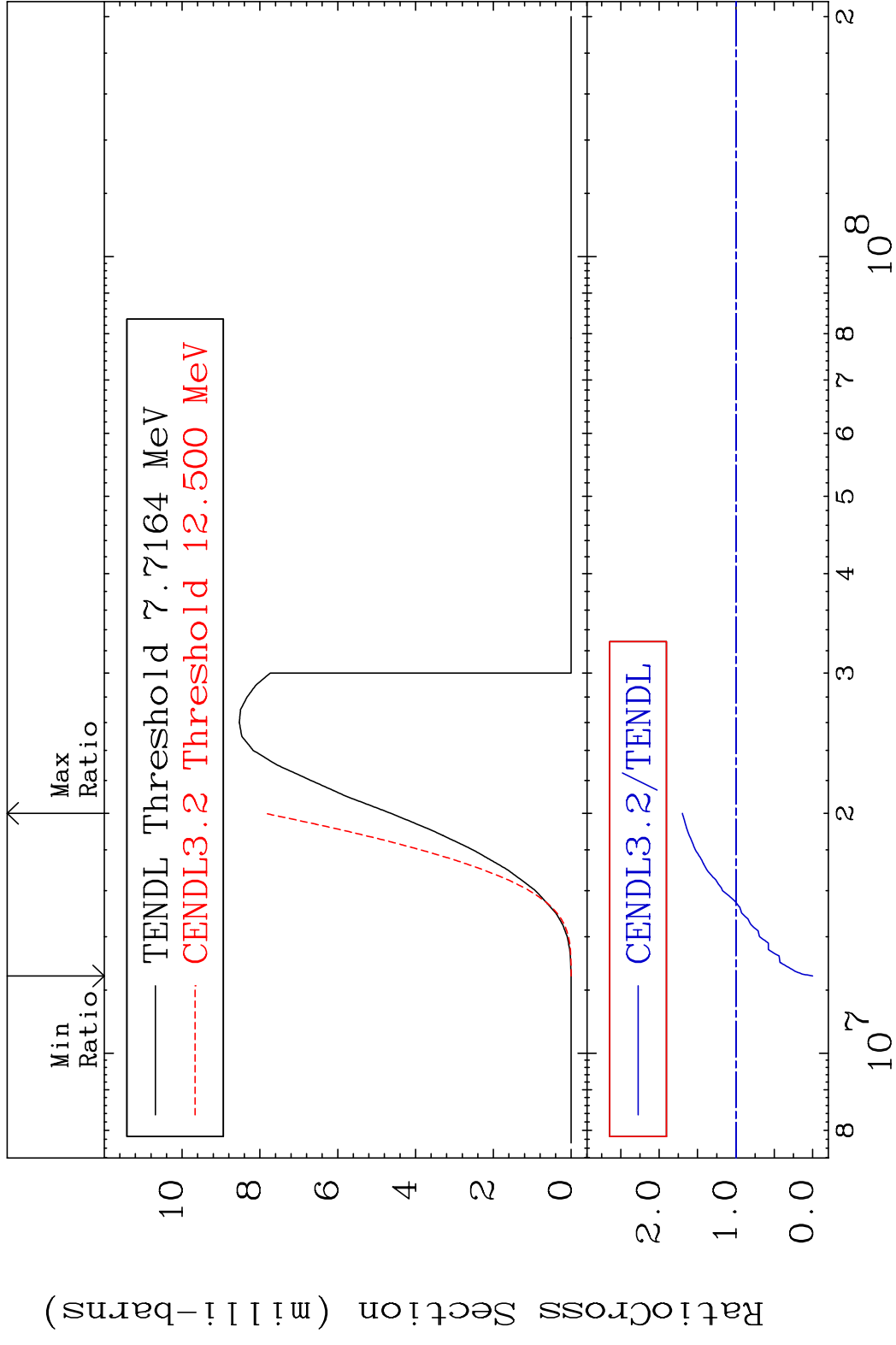
MAT 4240 (n,p) 42-Mo-97  
 Cross Section -100.0 To 692.3 %



MAT 4240 (n,d) 42-Mo-97  
 Cross Section -100.0 To 1126. %



MAT 4240 (n, t) 42-Mo-97  
 Cross Section -100.0 To 69.81 %

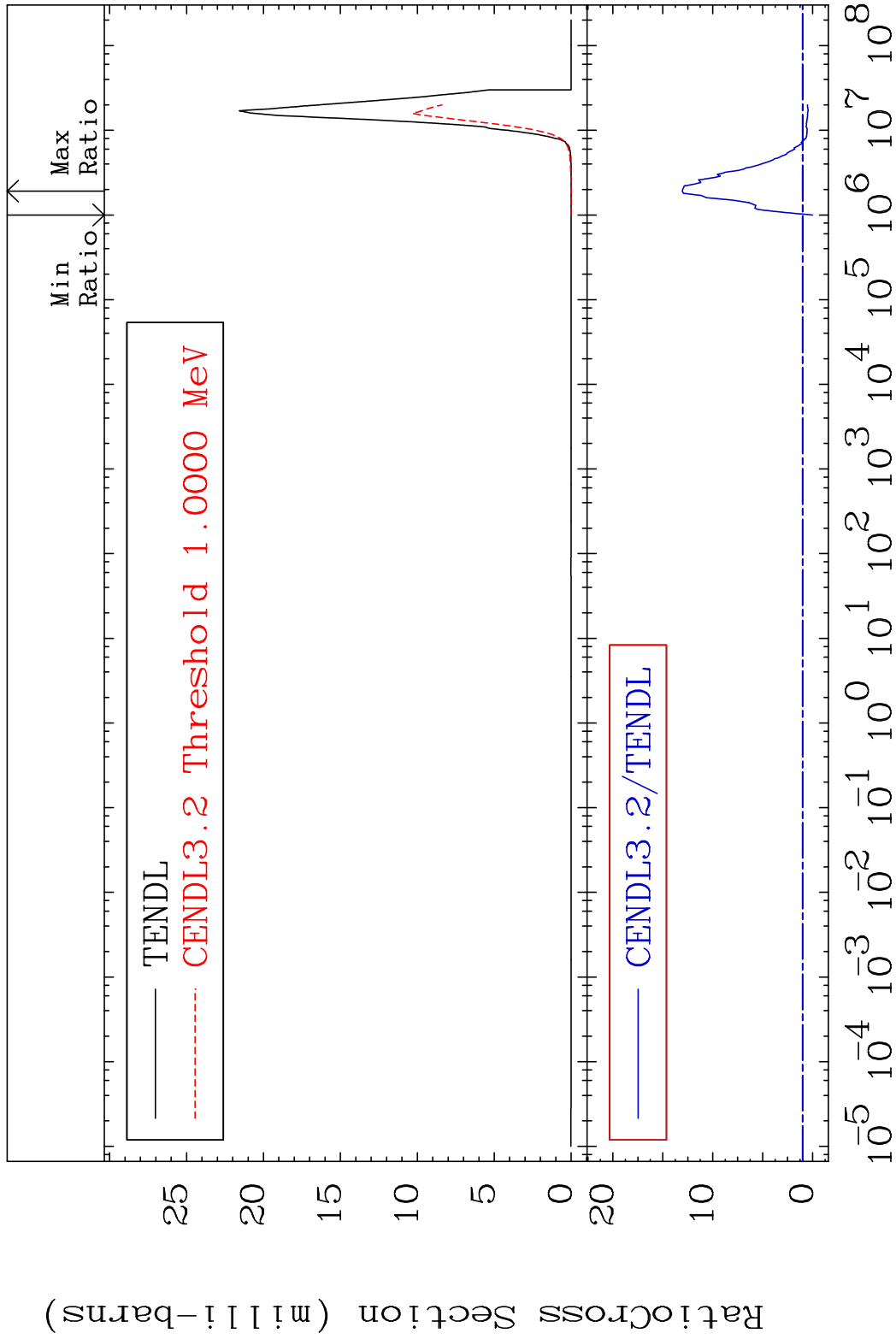


MAT 4240

(n,  $\alpha$ )

42-Mo-97

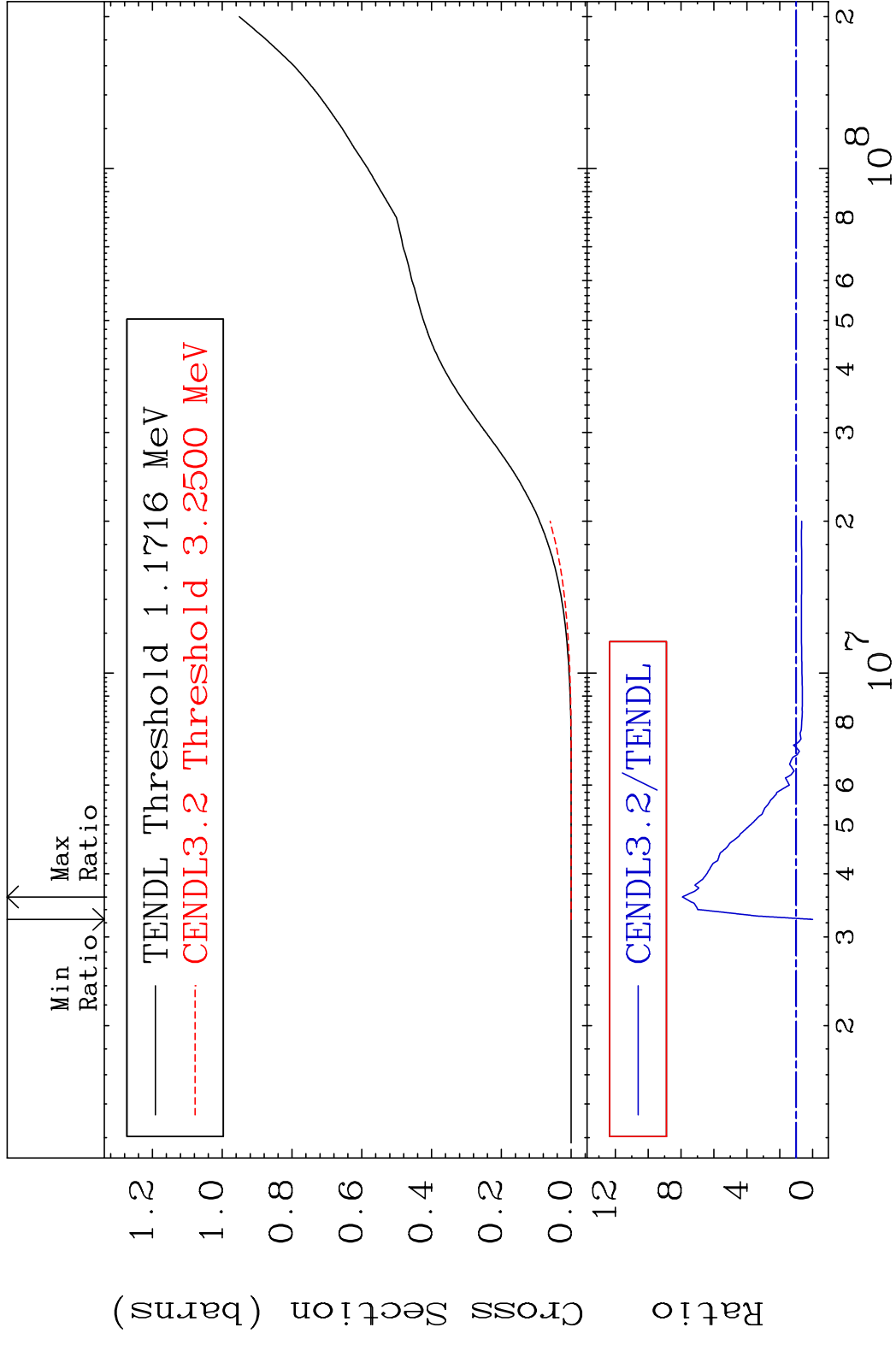
Cross Section -100.0 To 1204. %



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Incident Energy (eV)

42-Mo-97

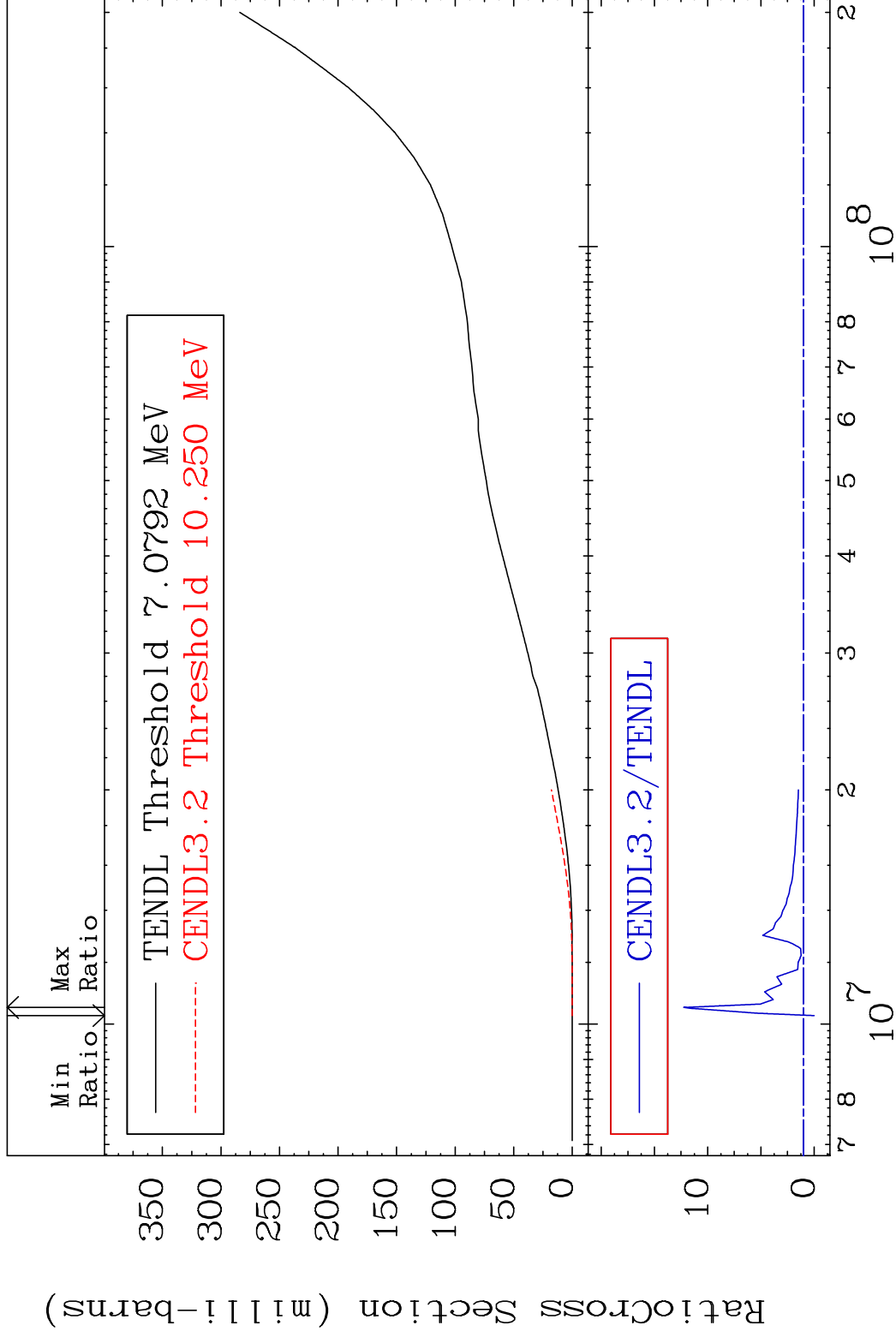


MAT 4240

Deuterium Production

42-Mo-97

Cross Section -100.0 To 1126. %

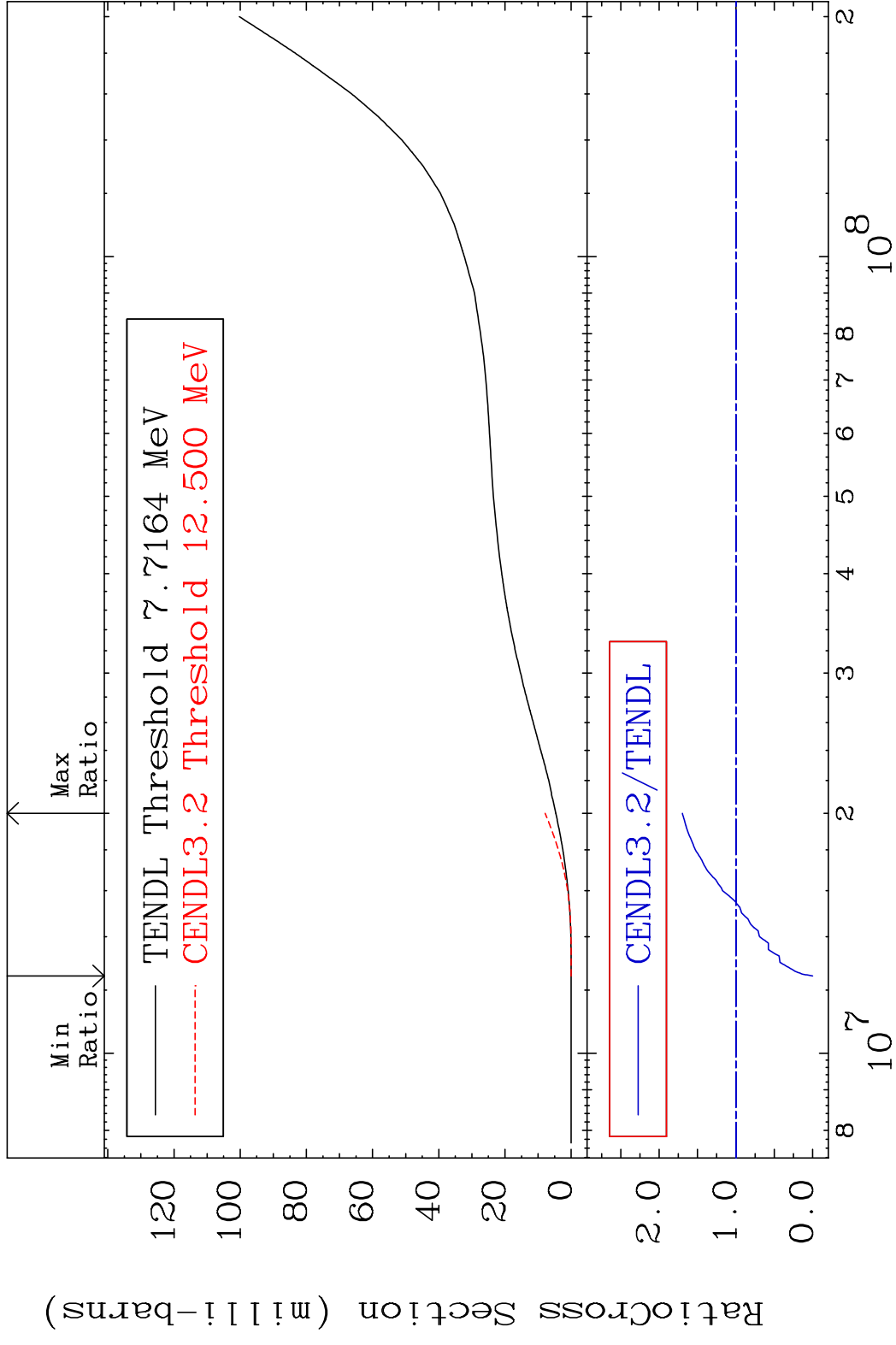


20

Incident Energy (eV)

42-Mo-97

MAT 4240 Tritium Production 42-Mo-97  
 Cross Section -100.0 To 69.80 %

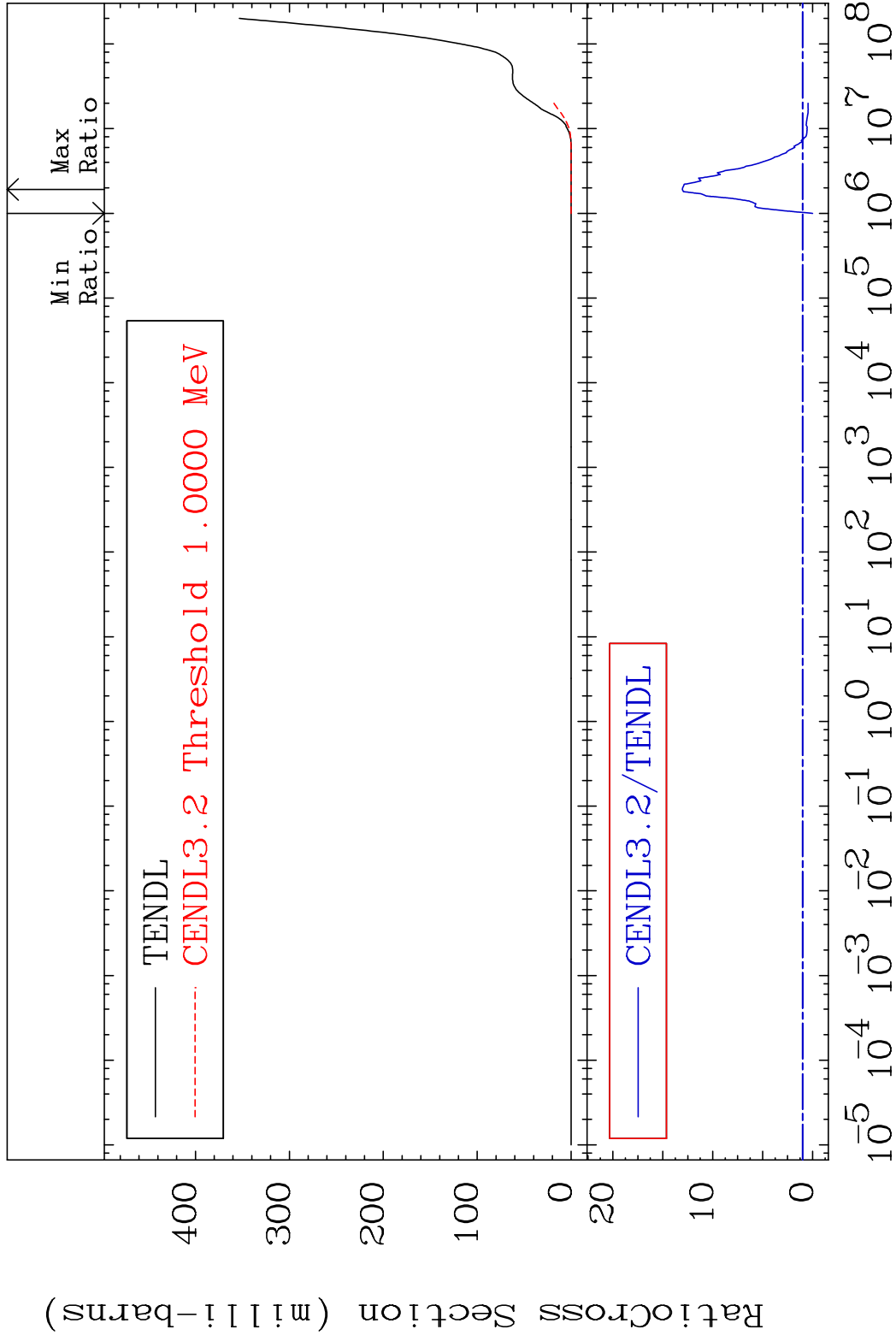


MAT 4240

He-4 Production

42-Mo-97

Cross Section -100.0 To 1204. %

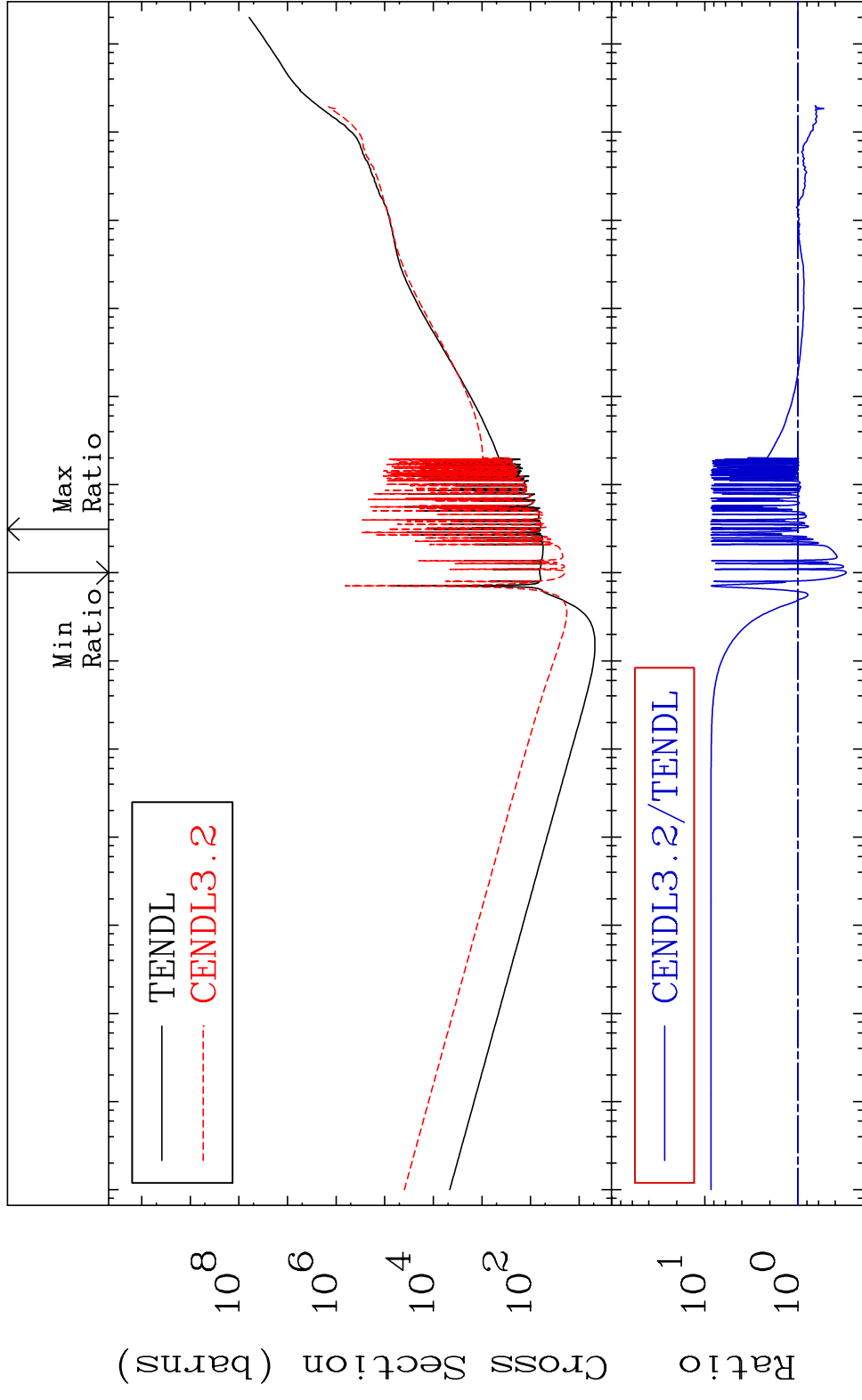


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Incident Energy (eV)

42-Mo-97

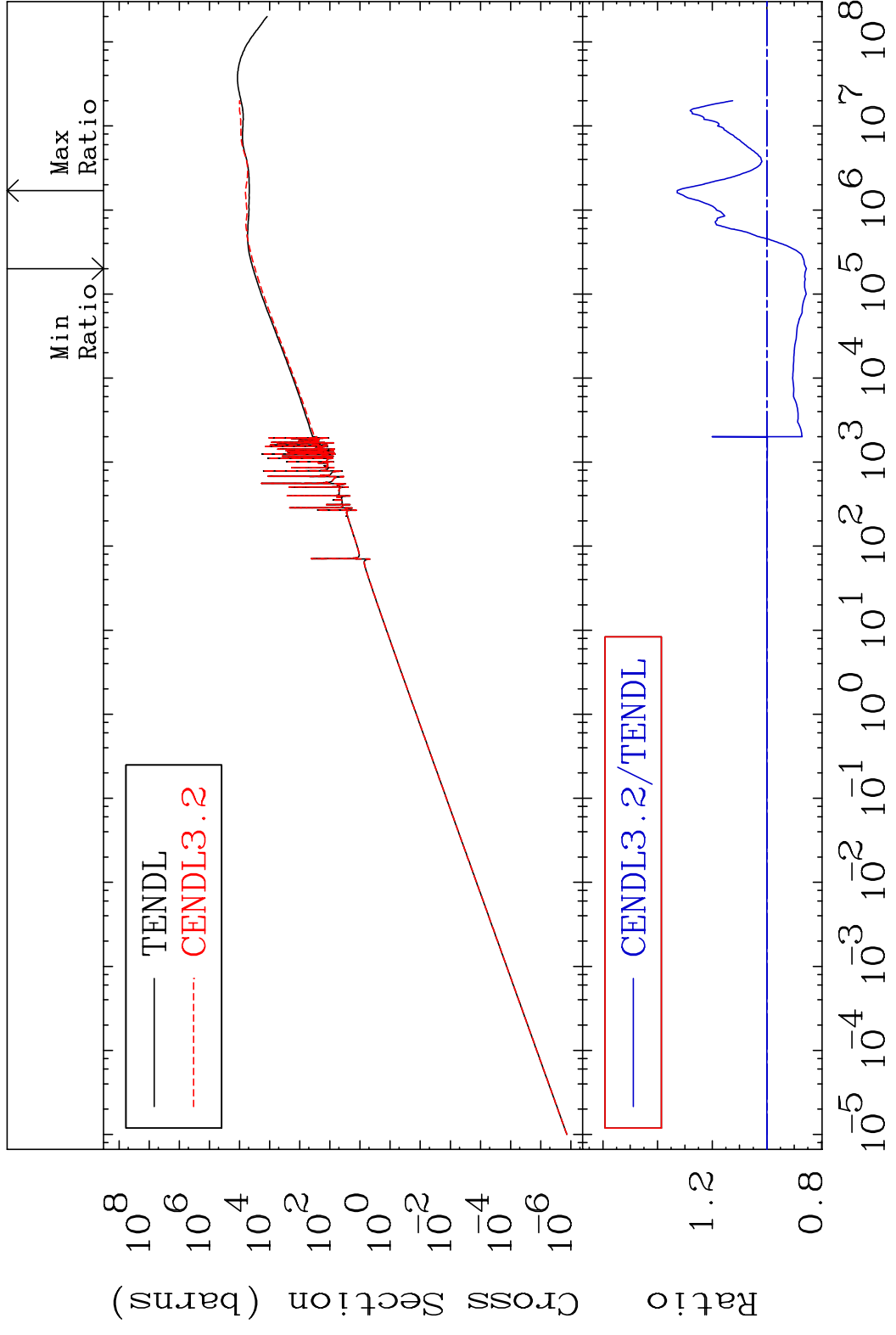
MAT 4240 Kerma total (eV-barns) 42-Mo-97  
 Cross Section -69.69 To 765.8 %



MAT 4240

Kerma elastic  
Cross Section

42-Mo-97  
-14.47 To 32.82 %

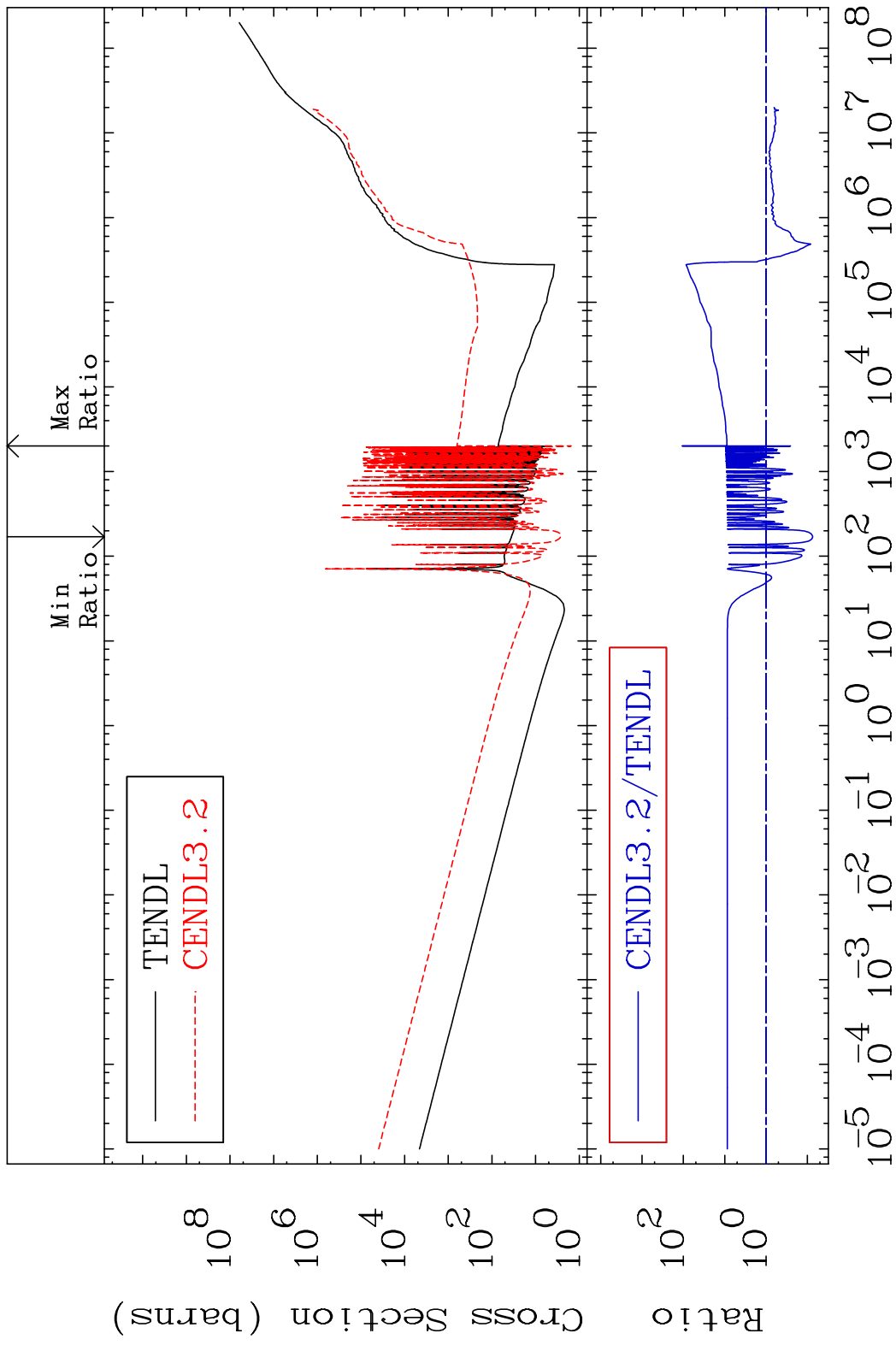


24

Incident Energy (eV)

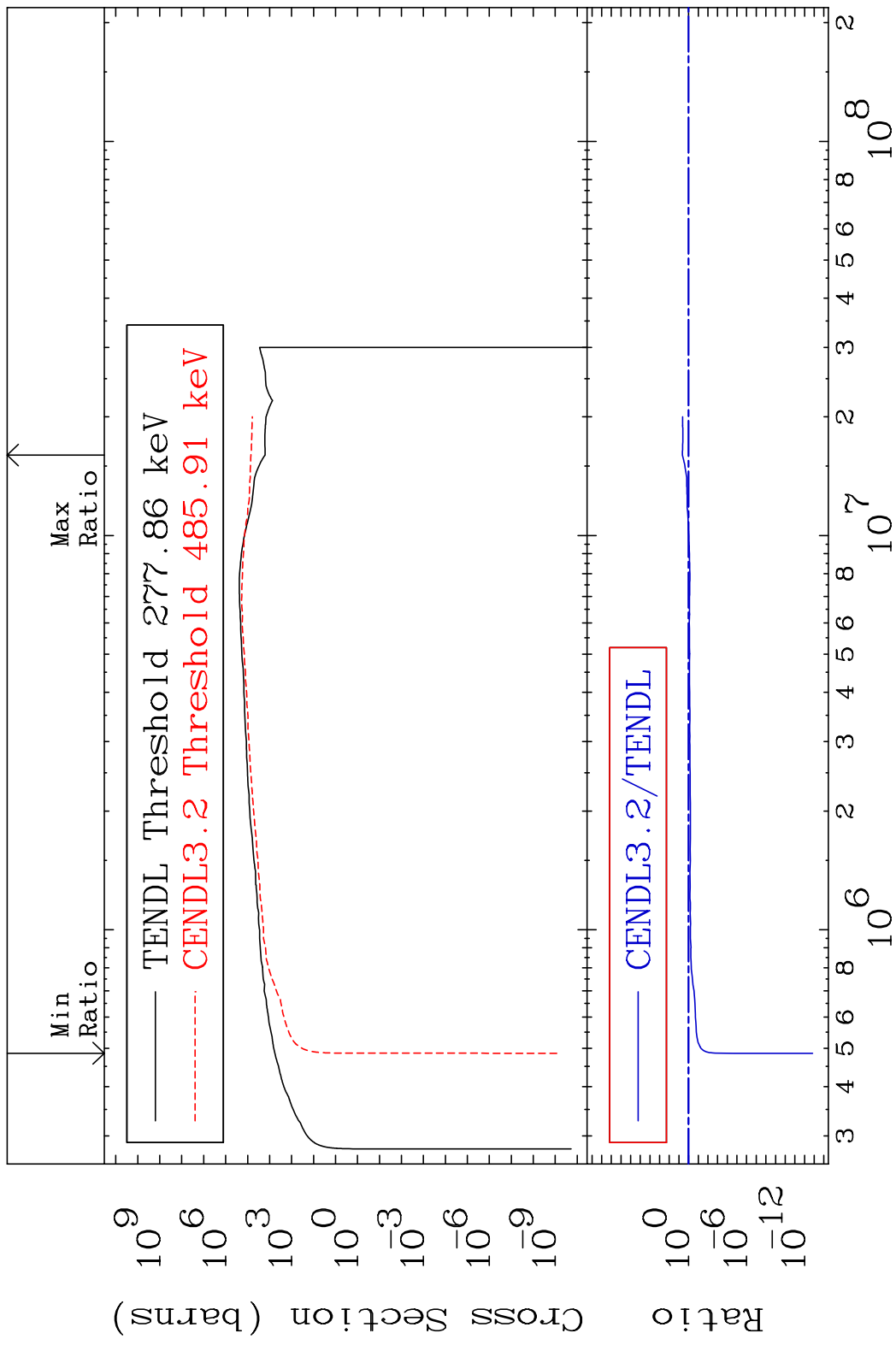
42-Mo-97

MAT 4240 Kerma non-elastic (all but mt2) 42-Mo-97  
 Cross Section -92.51 To 9999. %

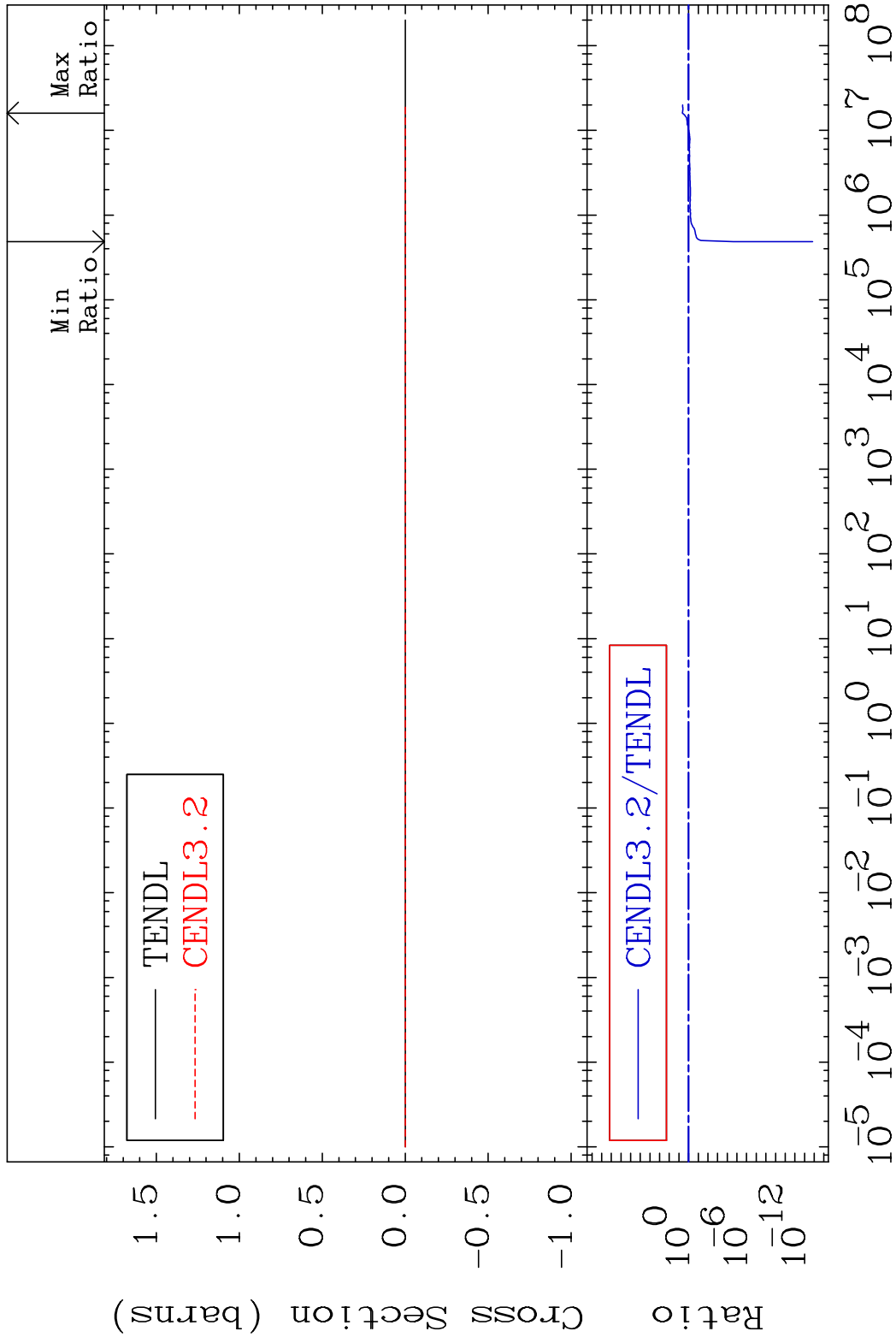


25 Incident Energy (eV) 42-Mo-97

MAT 4240 Kerma inelastic (mt51-91) 42-Mo-97  
 Cross Section -100.0 To 342.2 %

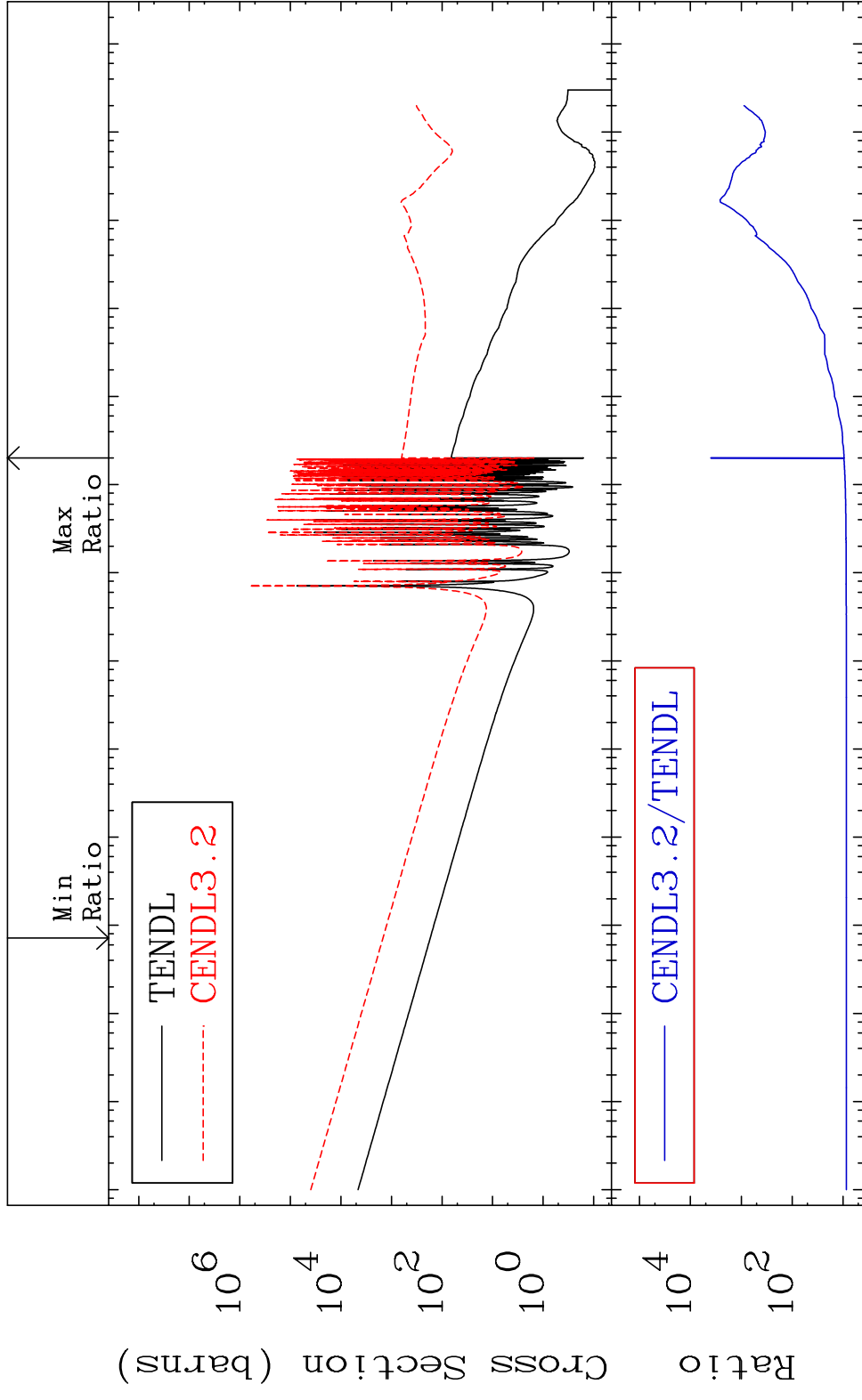


MAT 4240 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-97  
 Cross Section -100.0 To 342.2 %



MAT 4240

Kerma capture (mt102) 42-Mo-97  
Cross Section 760.3 To 9999. %

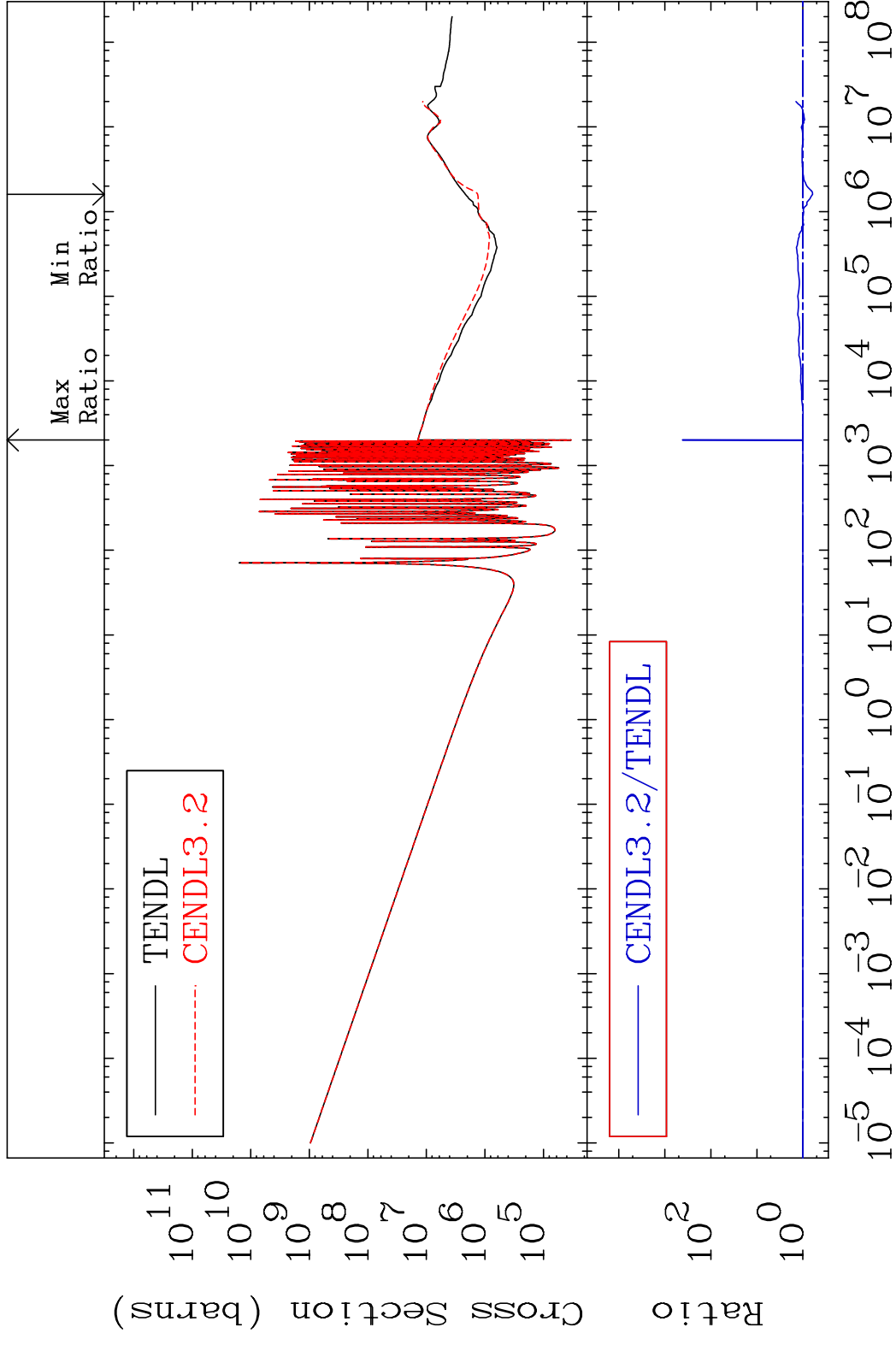


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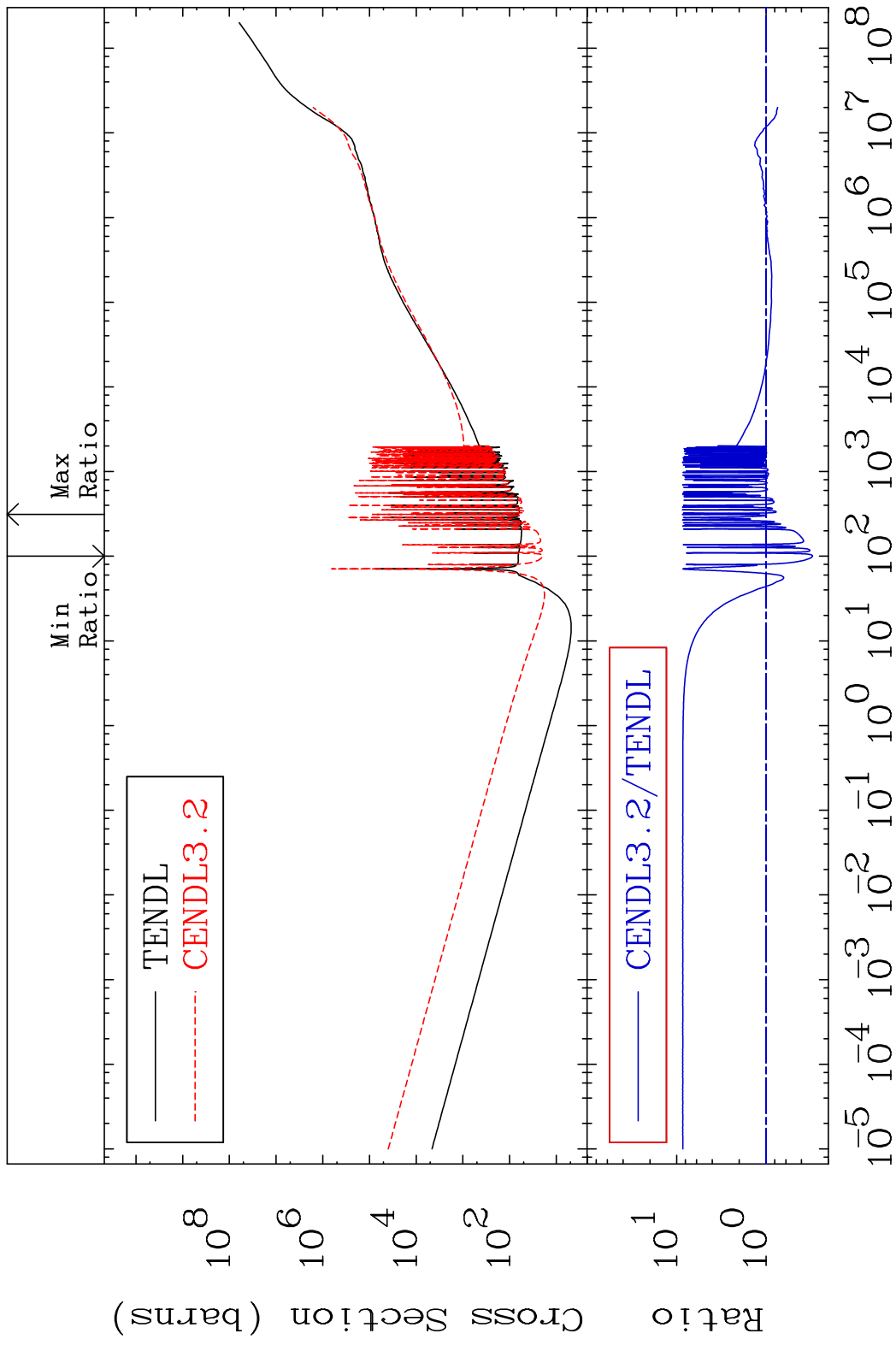
Incident Energy (eV) 42-Mo-97

MAT 4240

Total photon (eV-barns) 42-Mo-97  
Cross Section -38.44 To 9999. %



MAT 4240 Total kinematic kerma (high limit) 42-Mo-97  
 Cross Section -69.89 To 765.8 %

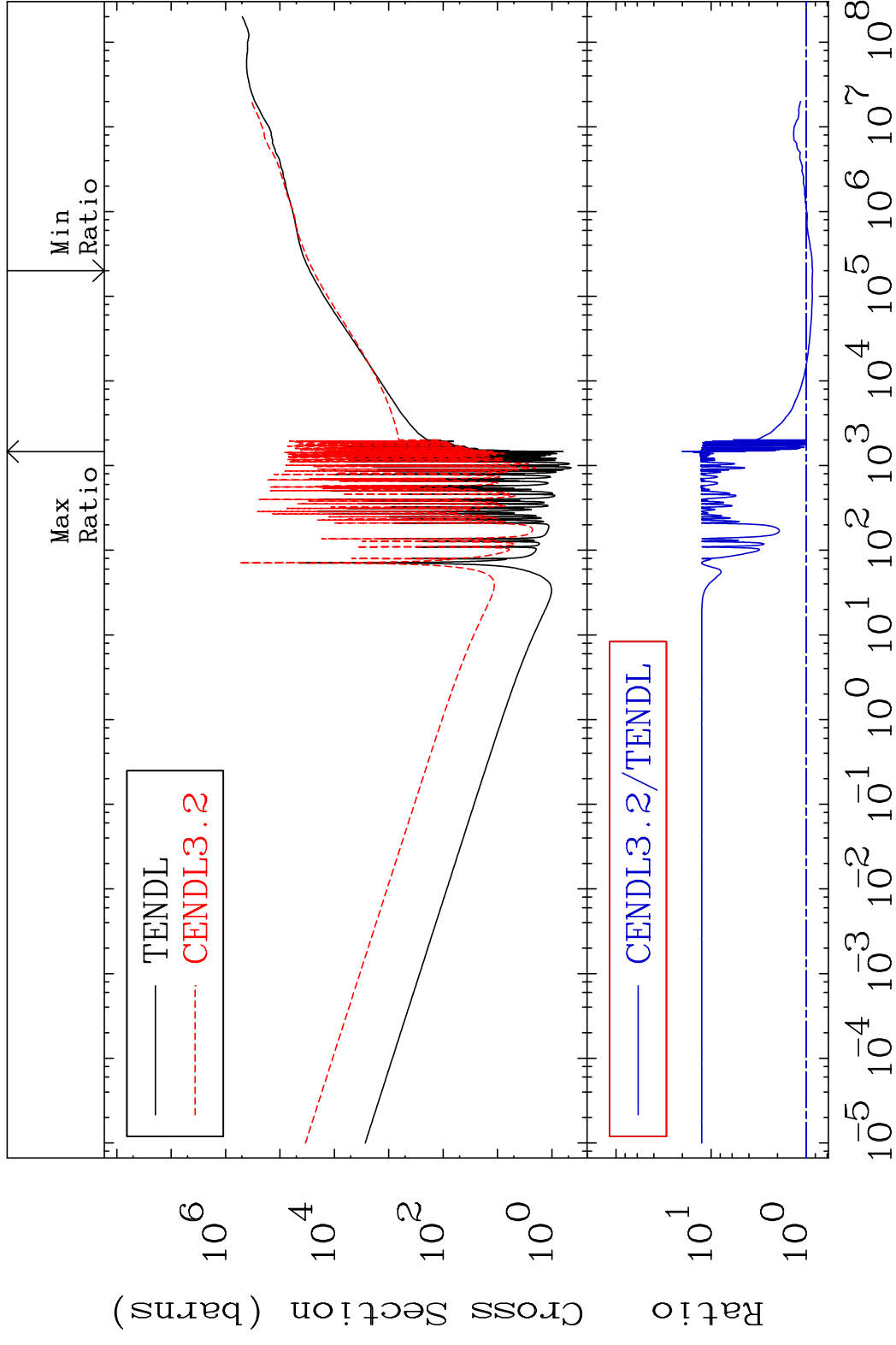


MAT 4240

Dpa total (eV-barns)

42-Mo-97

Cross Section -14.31 To 1907. %



31

Incident Energy (eV)

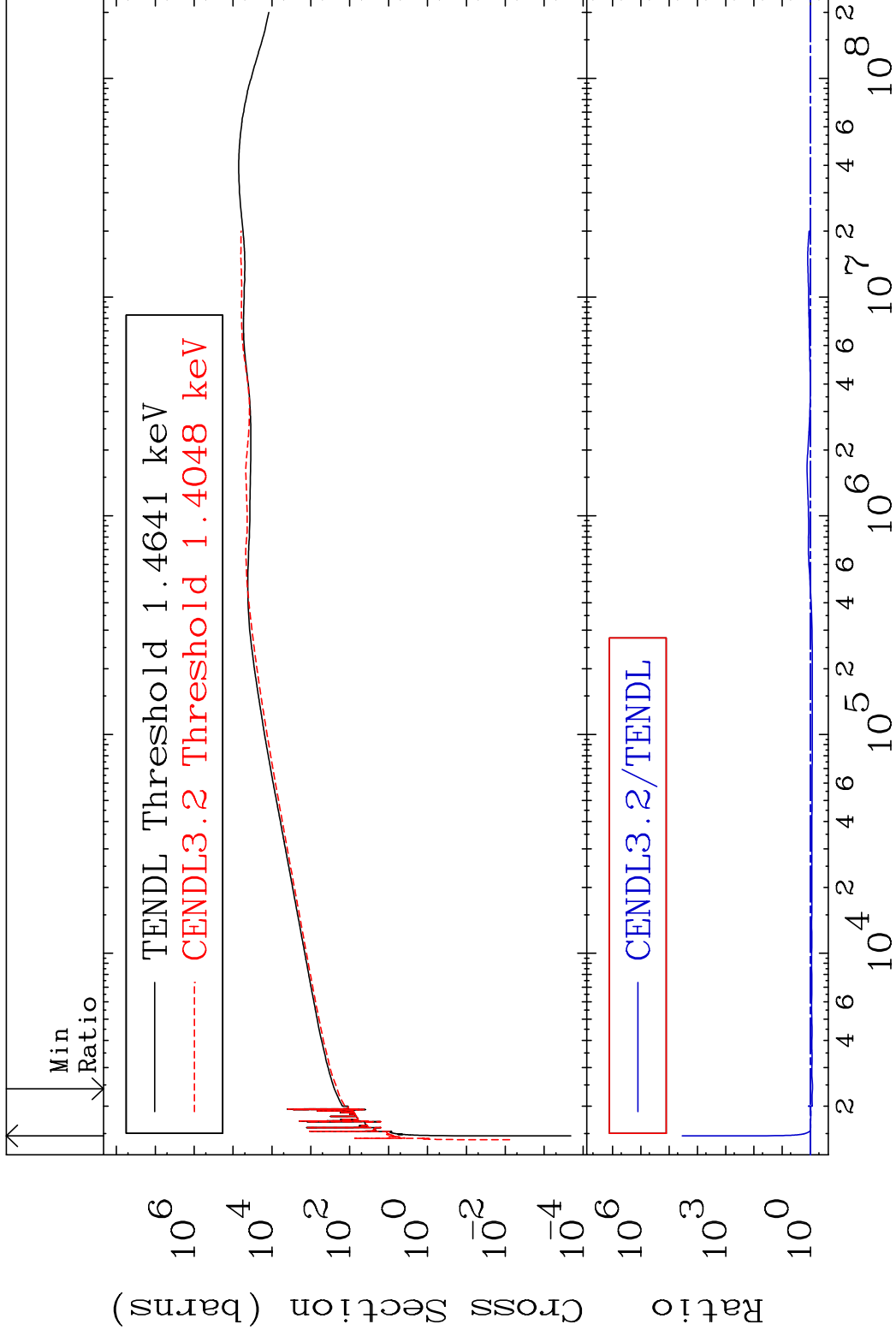
42-Mo-97

MAT 4240

Dpa elastic (mt2)

42-Mo-97

Cross Section -15.02 To 9999. %

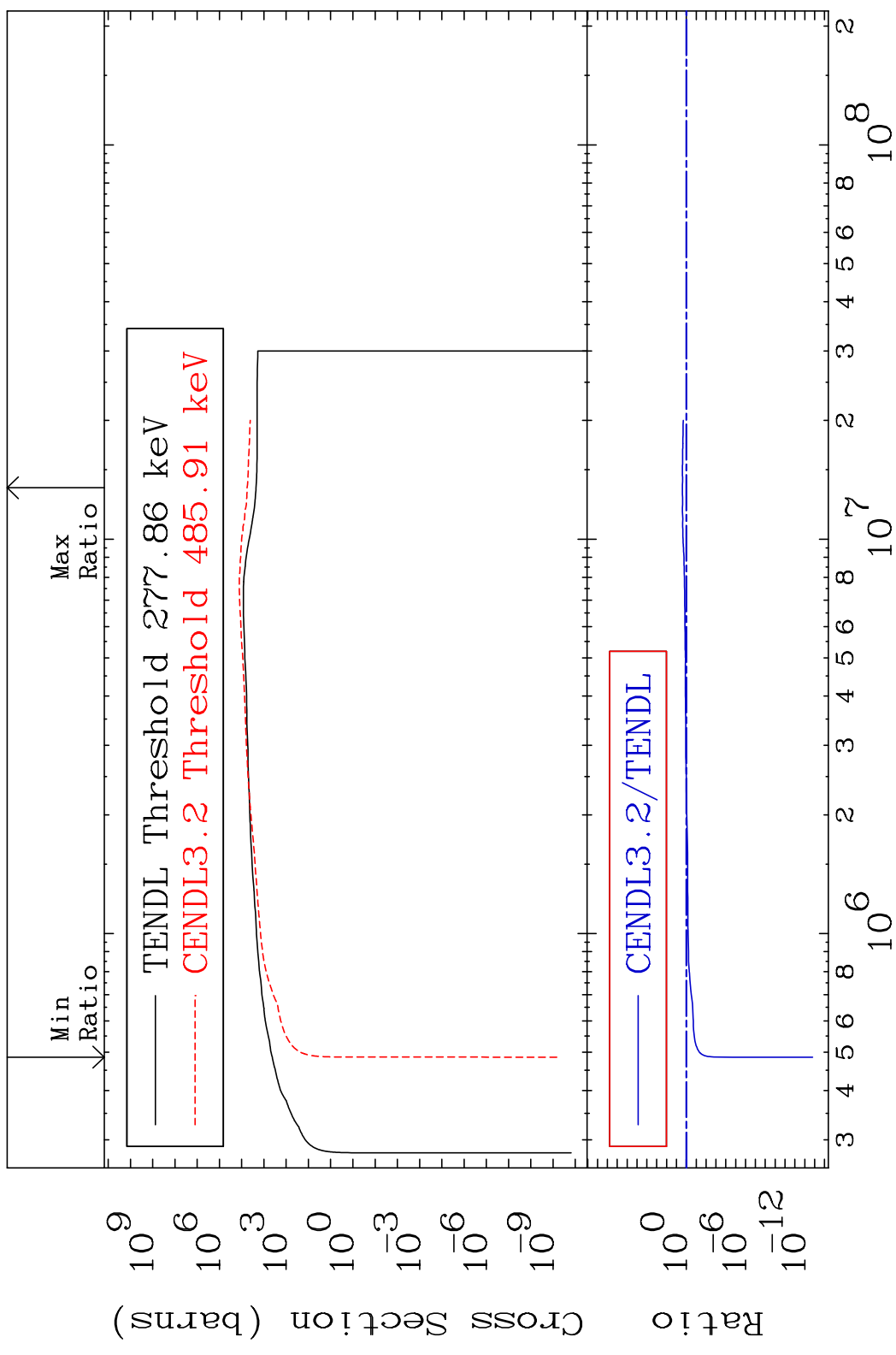


MAT 4240

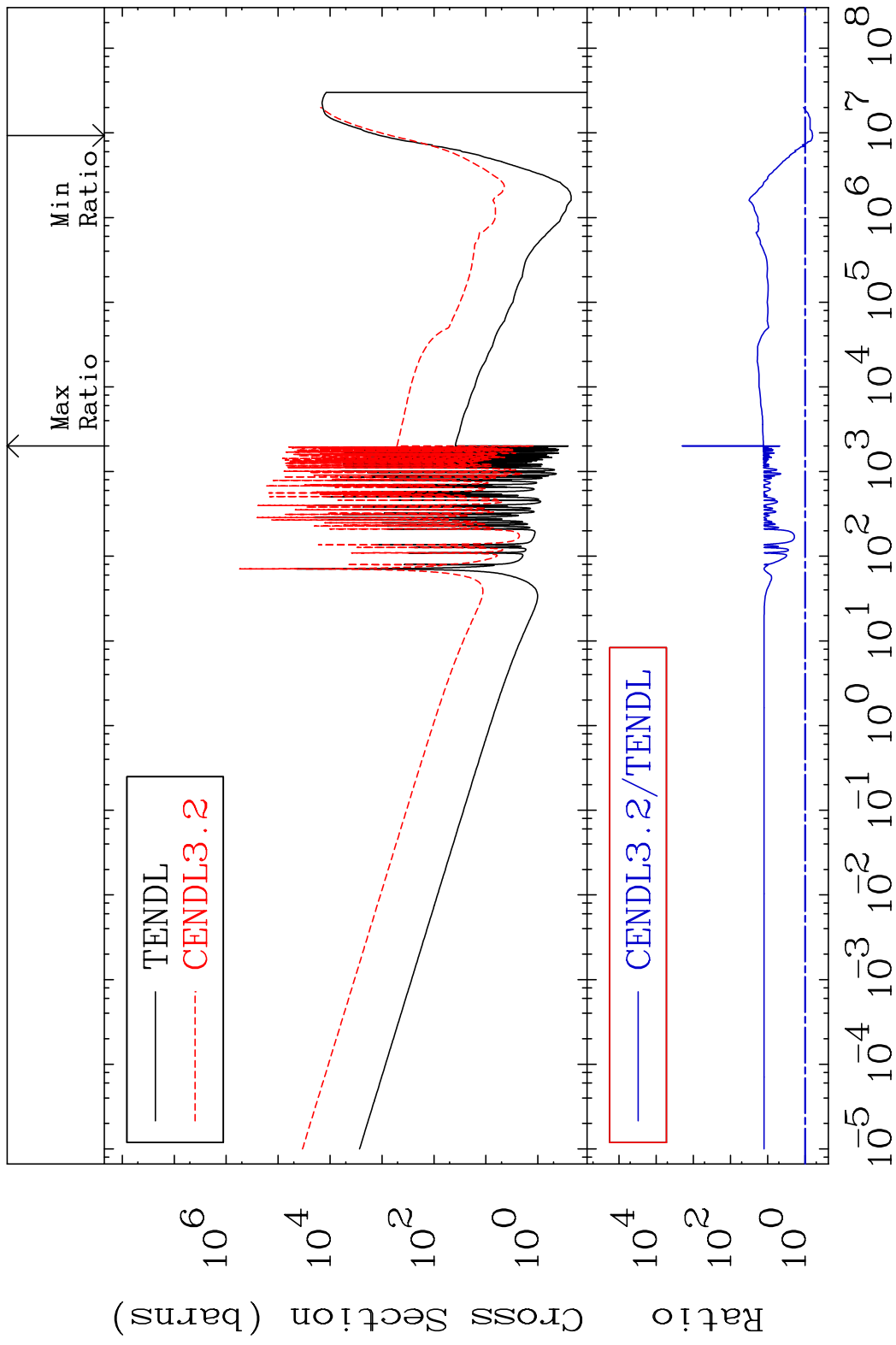
Dpa inelastic (mt51-91)

42-Mo-97

Cross Section -100.0 To 153.1 %



MAT 4240 Dpa disappearance (mt102 -120) 42-Mo-97  
 Cross Section -37.42 To 9999. %



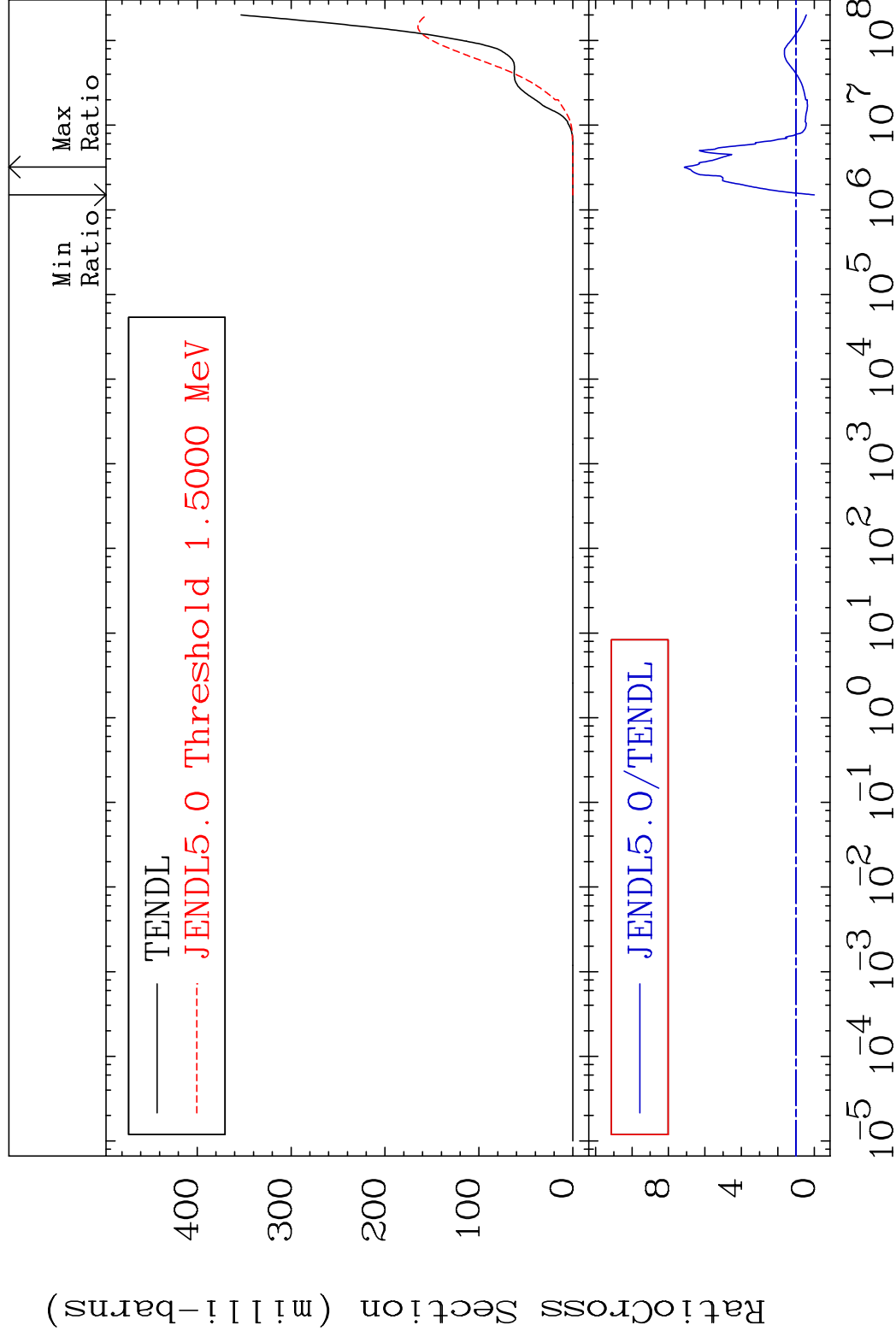
34 Incident Energy (eV) 42-Mo-97

MAT 4240

He-4 Production

42-Mo-97

Cross Section -100.0 To 614.3 %

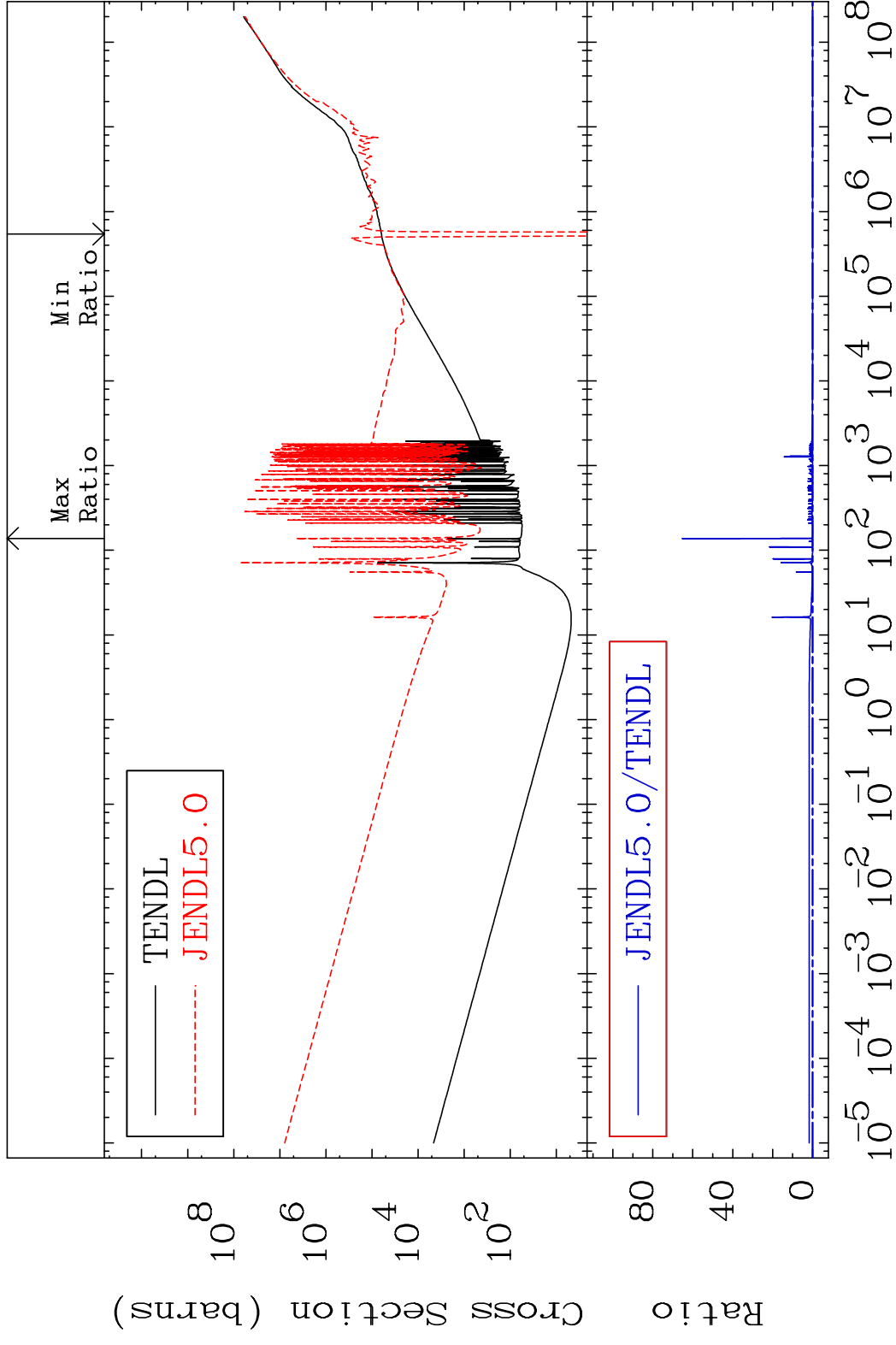


35

Incident Energy (eV)

42-Mo-97

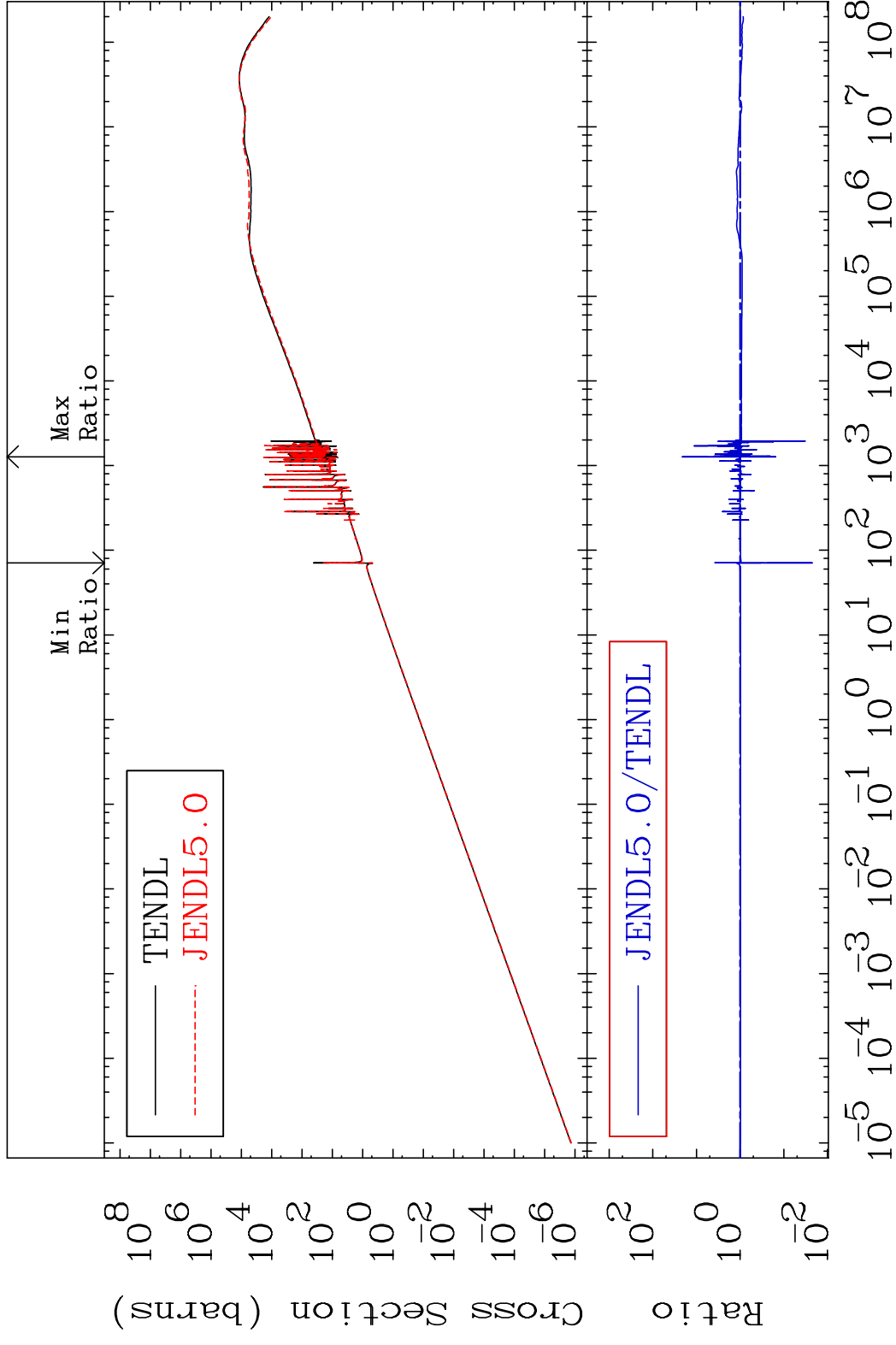
MAT 4240 Kerma total (eV-barns) 42-Mo-97  
 Cross Section -302.4 To 9999. %



MAT 4240

Kerma elastic Cross Section

42-Mo-97 -97.80 To 2010. %

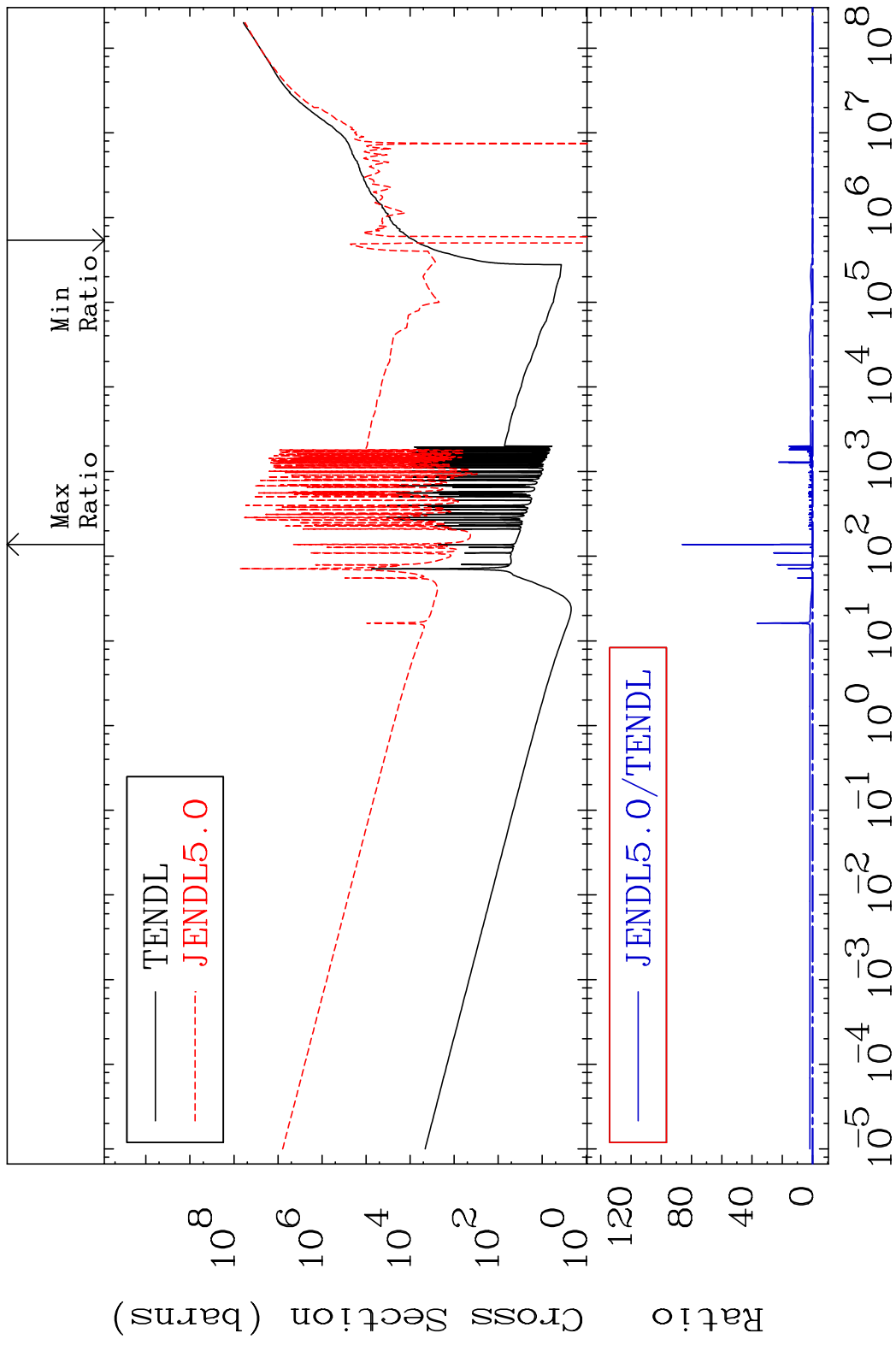


37

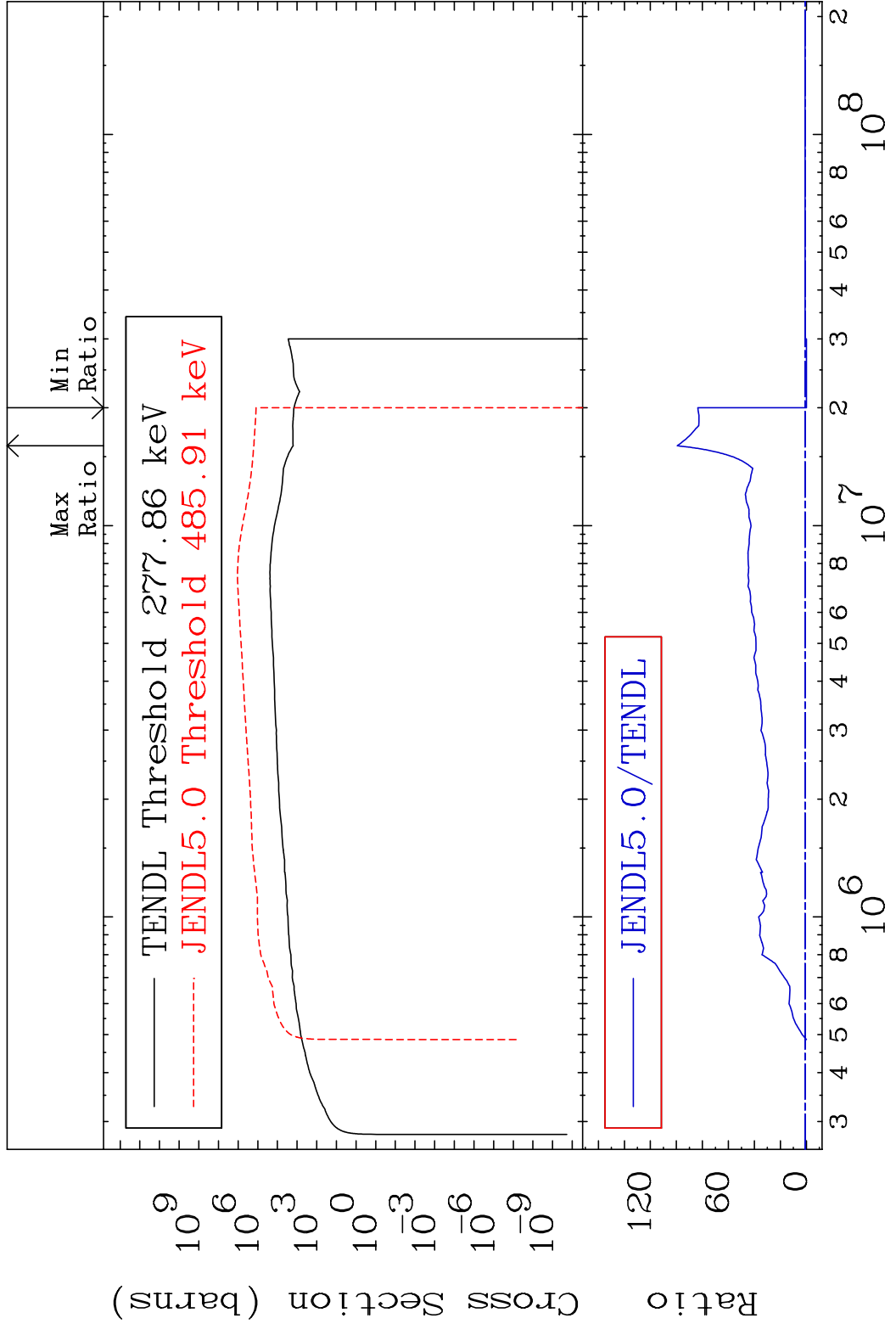
Incident Energy (eV)

42-Mo-97

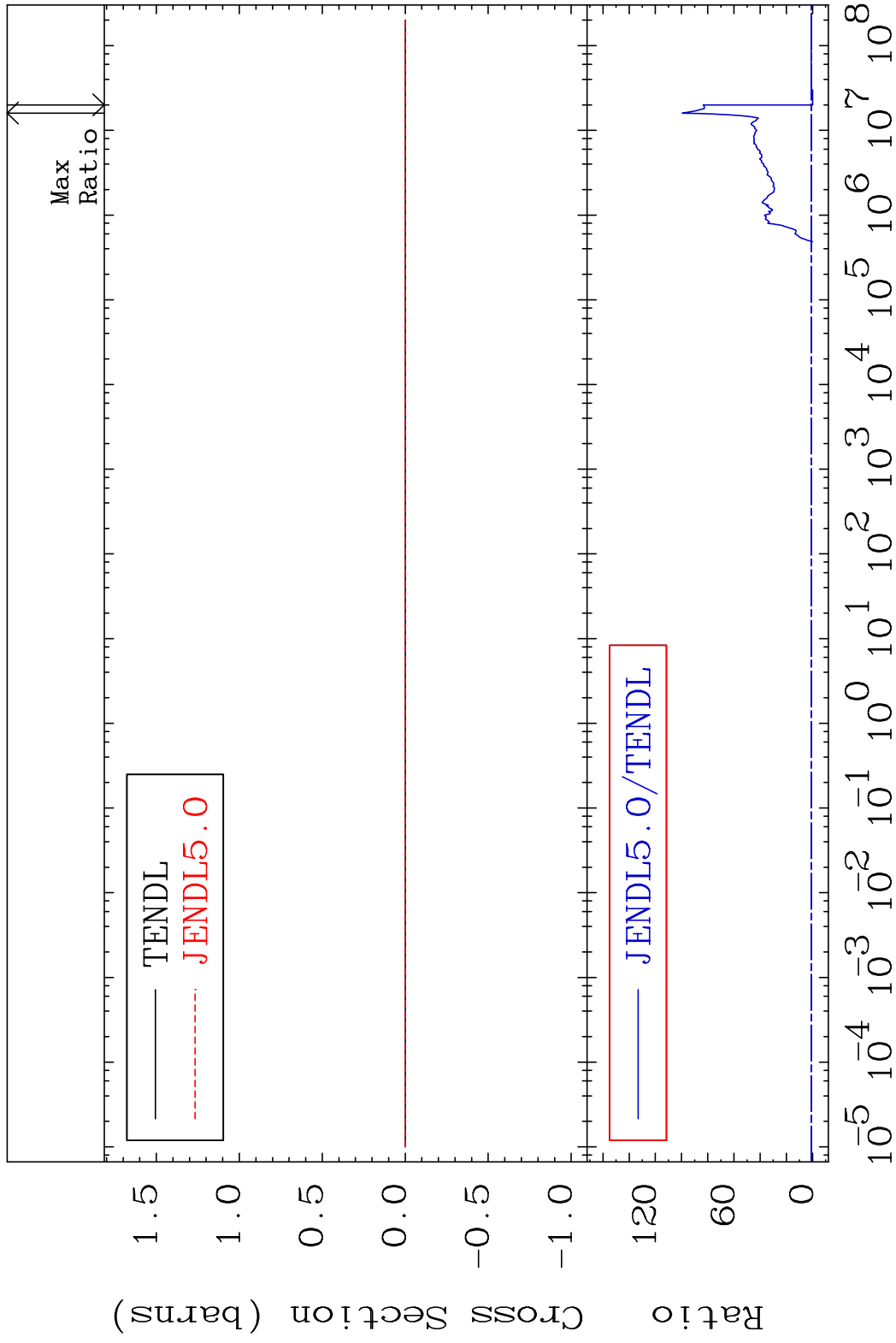
MAT 4240 Kerma non-elastic (all but mt2) 42-Mo-97  
 Cross Section -2372. To 9999. %



MAT 4240 Kerma inelastic (mt51-91) 42-Mo-97  
 Cross Section -100.0 To 9838. %

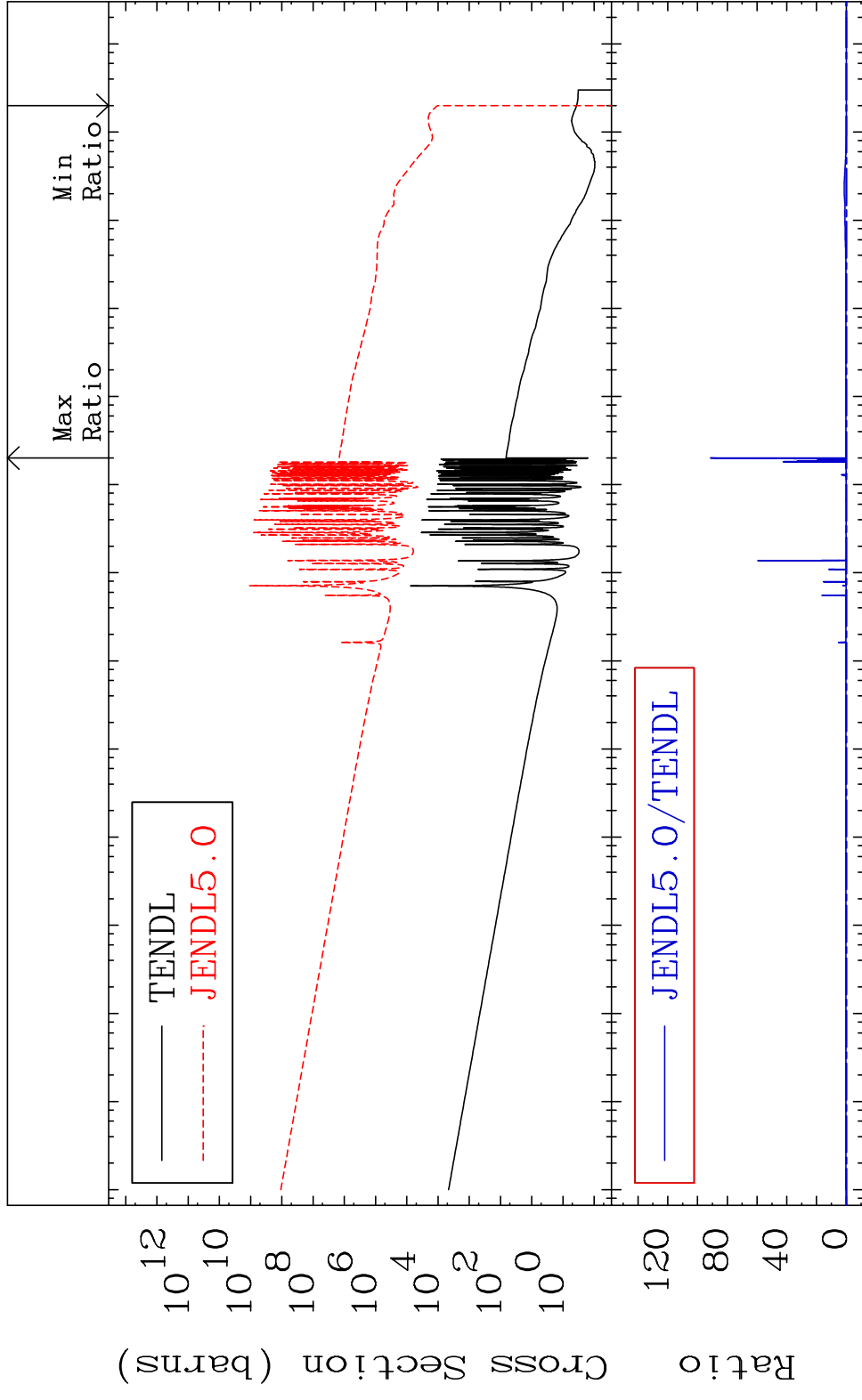


MAT 4240 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-97  
 Cross Section -100.0 To 9838. %



MAT 4240

Kerma capture (mt102) 42-Mo-97  
Cross Section -100.0 To 9999. %

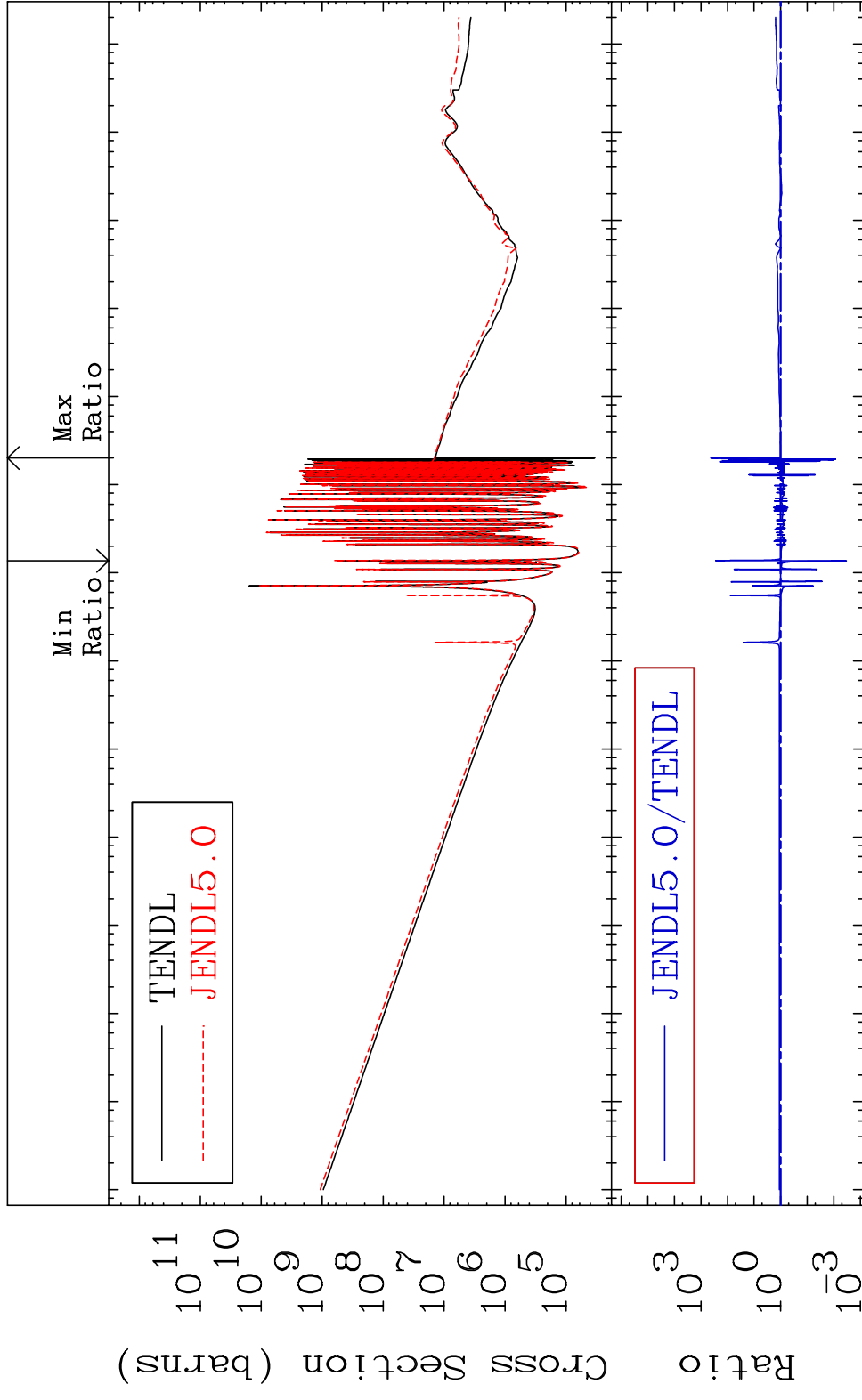


41

Incident Energy (eV)

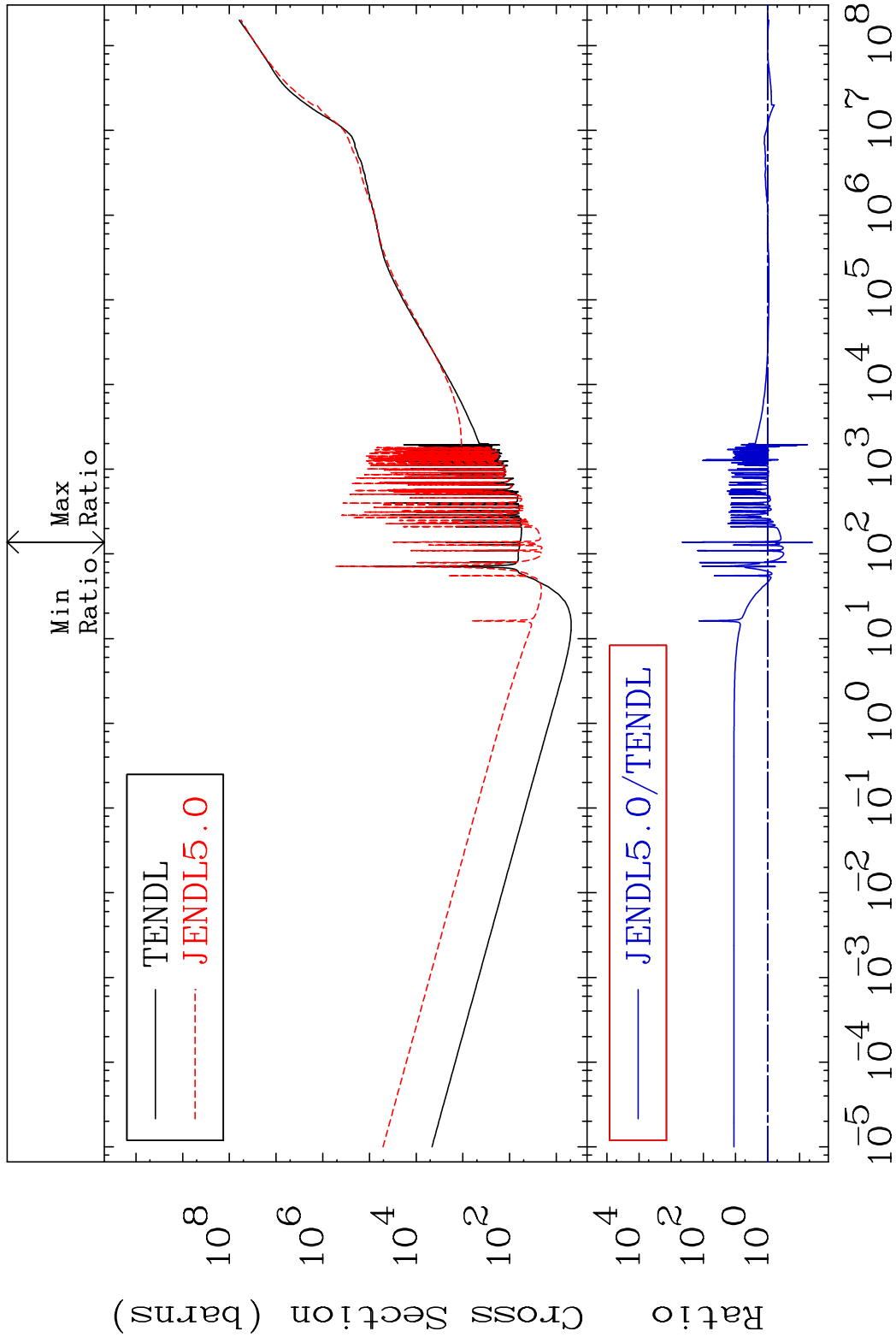
42-Mo-97

MAT 4240 Total photon (eV-barns) 42-Mo-97  
 Cross Section -99.66 To 9999. %



42 Incident Energy (eV) 42-Mo-97

MAT 4240 Total kinematic kerma (high limit) 42-Mo-97  
Cross Section -96.02 To 9999. %

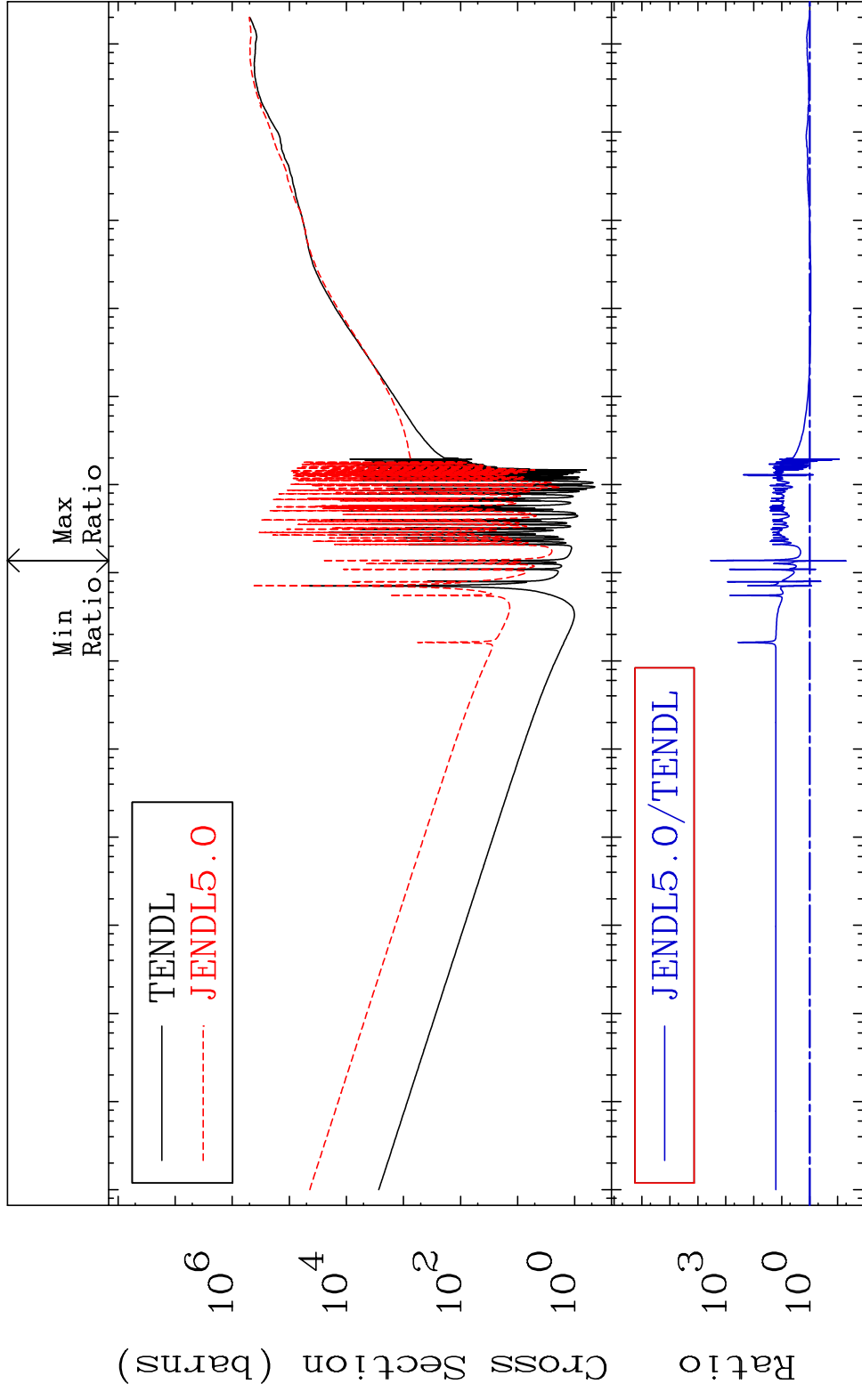


MAT 4240

Dpa total (eV-barns)

42-Mo-97

Cross Section -95.11 To 9999. %



44

Incident Energy (eV)

42-Mo-97

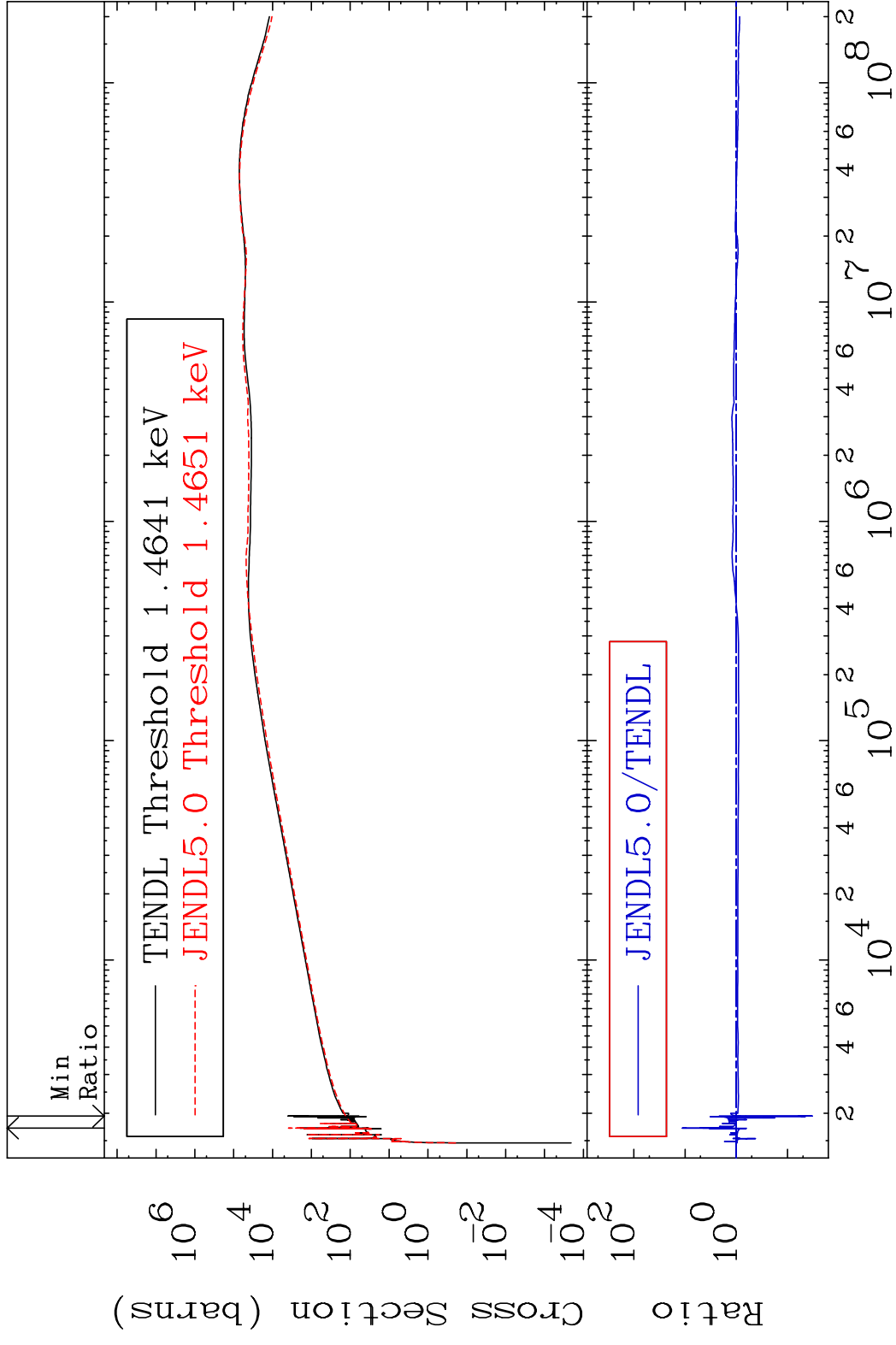
MAT 4240

Dpa elastic (mt2)

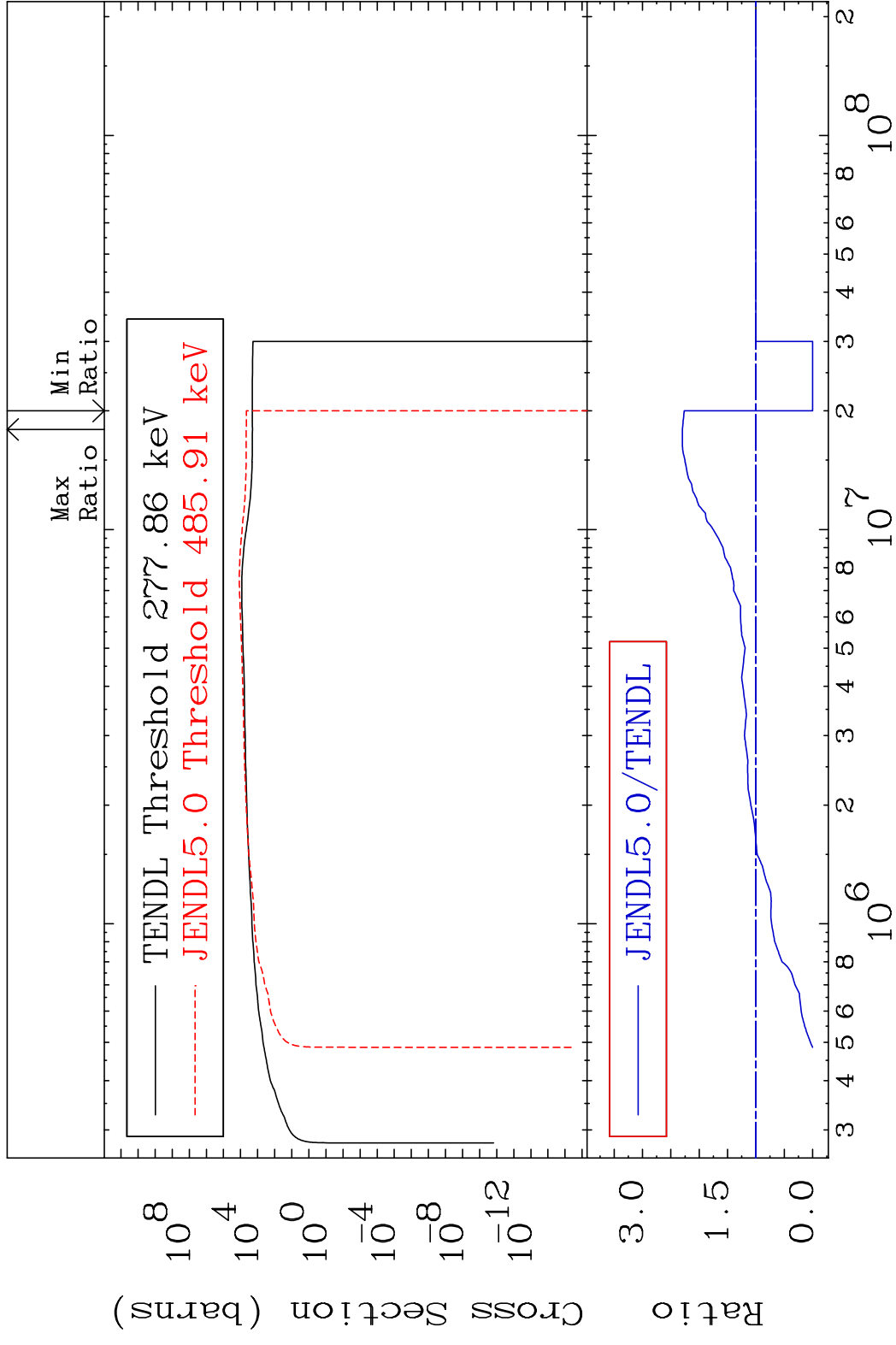
42-Mo-97

Cross Section

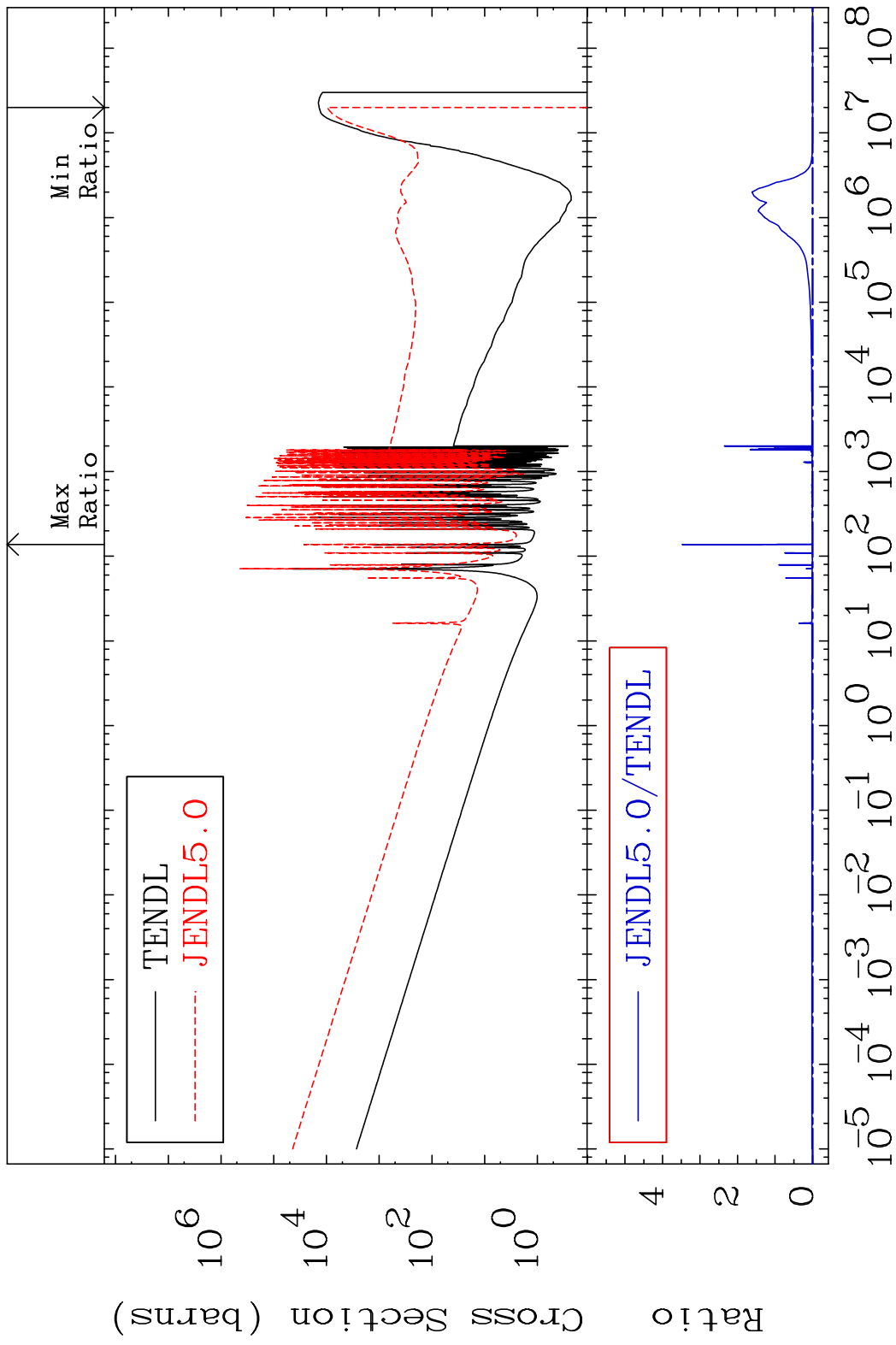
-96.76 To 1029. %



Cross Section -100.0 To 129.7 %



MAT 4240 Dpa disappearance (mt102 -120) 42-Mo-97  
 Cross Section -100.0 To 9999. %



47 Incident Energy (eV) 42-Mo-97