

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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U.S.A.

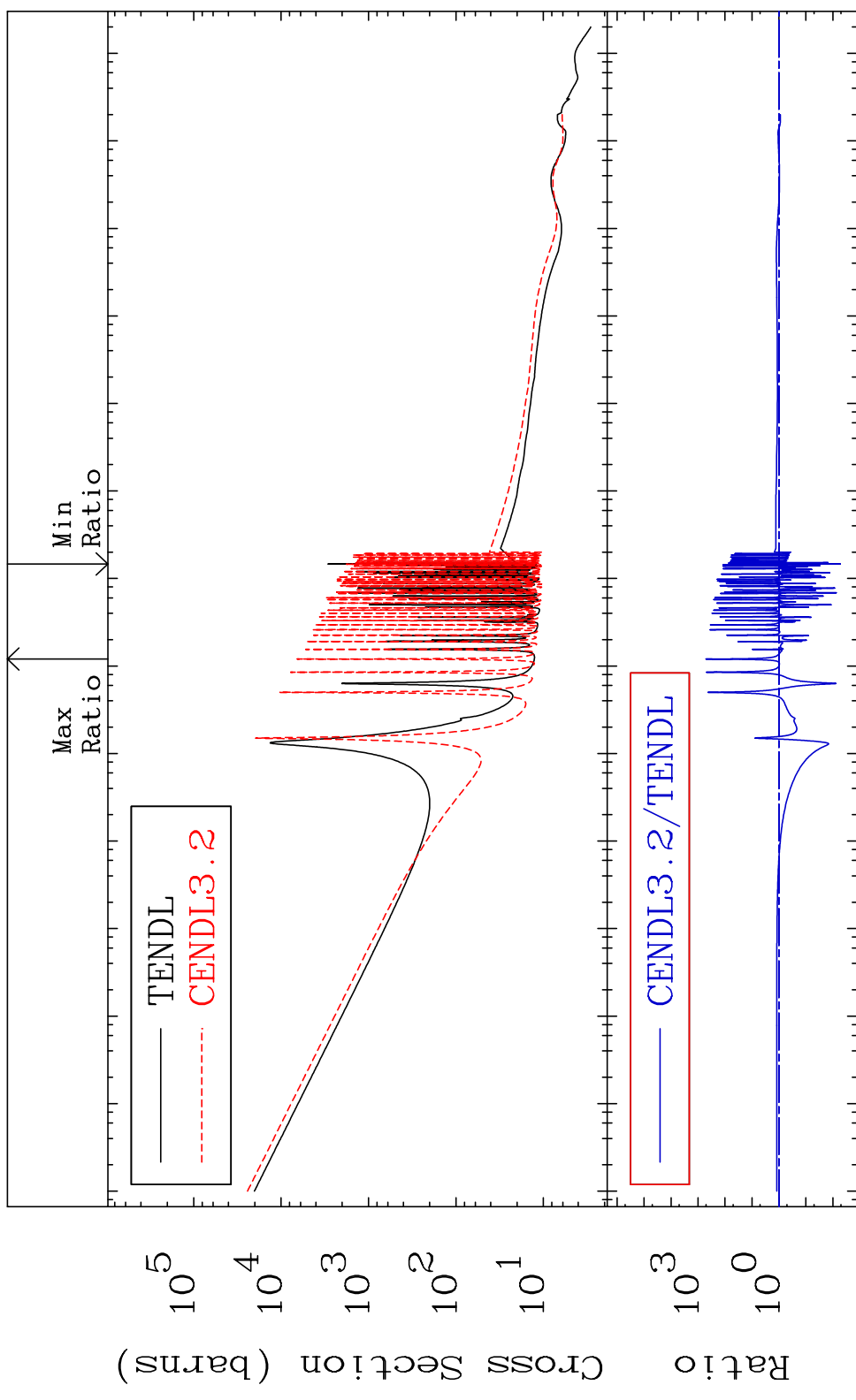
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9234

Total Cross Section -99.47 To 9999. %  
92-U -237



10<sup>5</sup> 10<sup>4</sup> 10<sup>3</sup> 10<sup>2</sup> 10<sup>1</sup> 10<sup>0</sup> 10<sup>-1</sup> 10<sup>-2</sup> 10<sup>-3</sup> 10<sup>-4</sup> 10<sup>-5</sup>

10<sup>8</sup> 10<sup>7</sup> 10<sup>6</sup> 10<sup>5</sup> 10<sup>4</sup> 10<sup>3</sup> 10<sup>2</sup> 10<sup>1</sup> 10<sup>0</sup> 10<sup>-1</sup> 10<sup>-2</sup> 10<sup>-3</sup> 10<sup>-4</sup> 10<sup>-5</sup>

Ratio

10<sup>3</sup> 10<sup>0</sup>

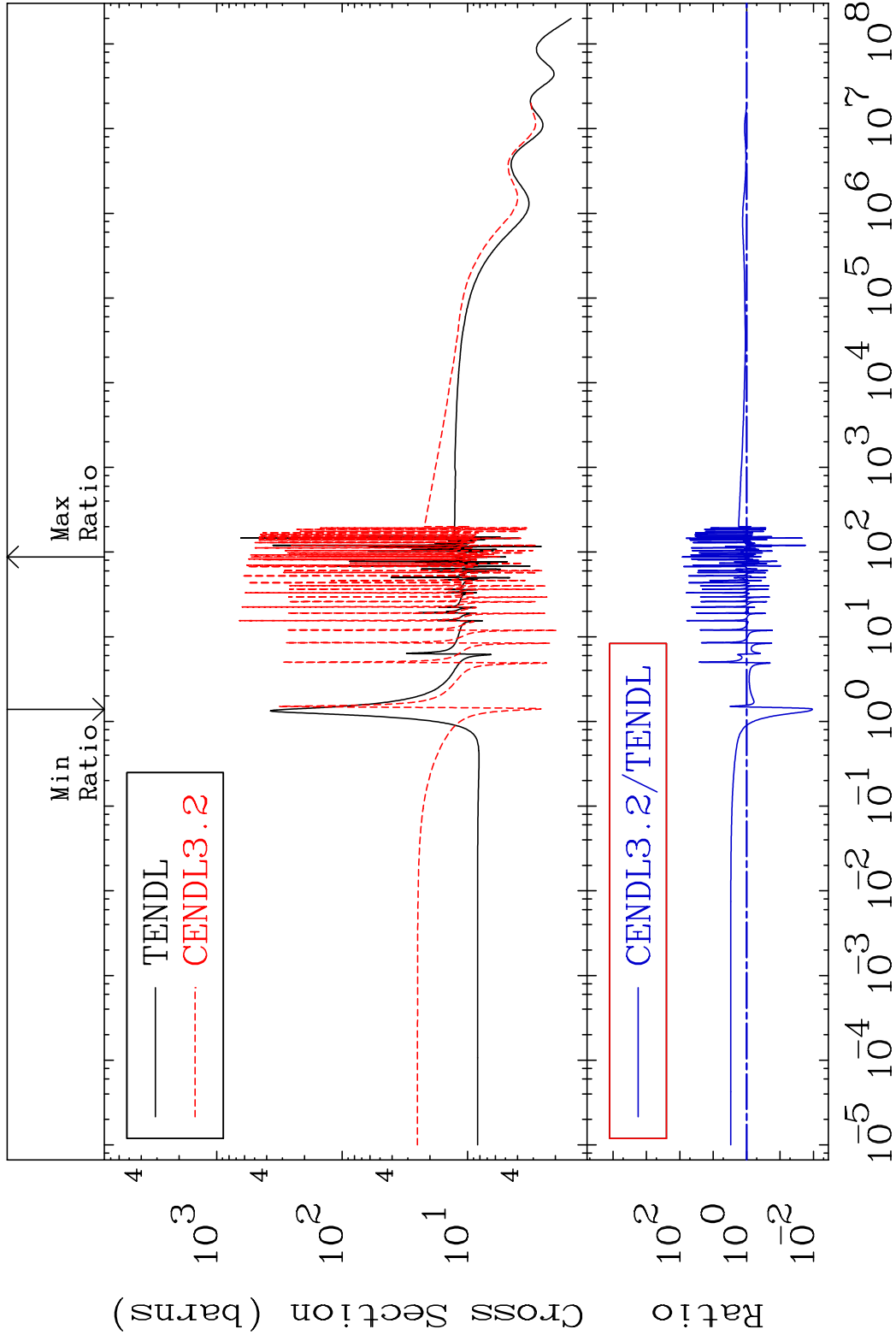
Incident Energy (eV) 92-U -237

MAT 9234

Elastic

92-U -237

Cross Section -98.94 To 8302. %



2

Incident Energy (eV)

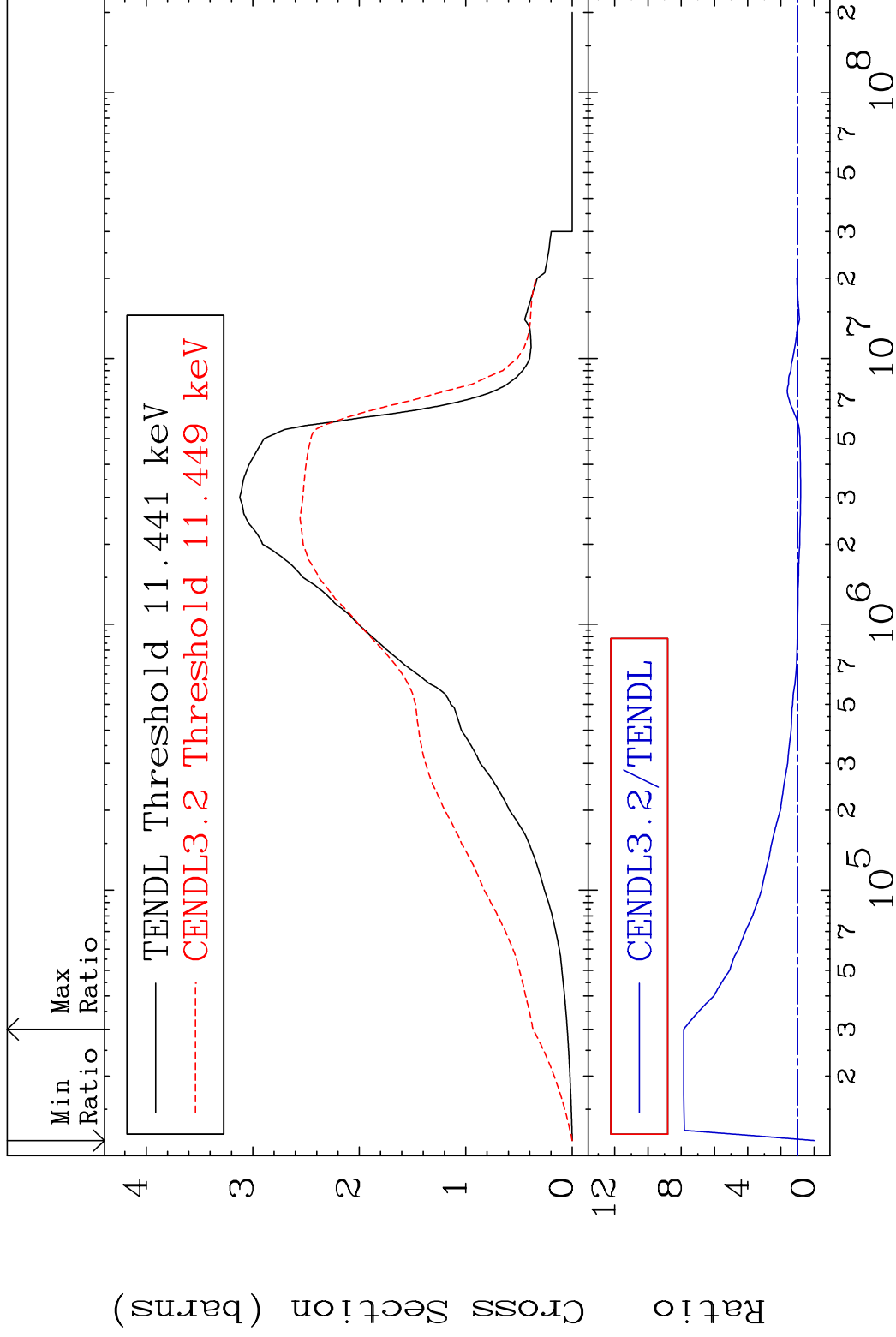
92-U -237

MAT 9234

Inelastic

92-U -237

Cross Section -100.0 To 685.3 %



3

Incident Energy (eV)

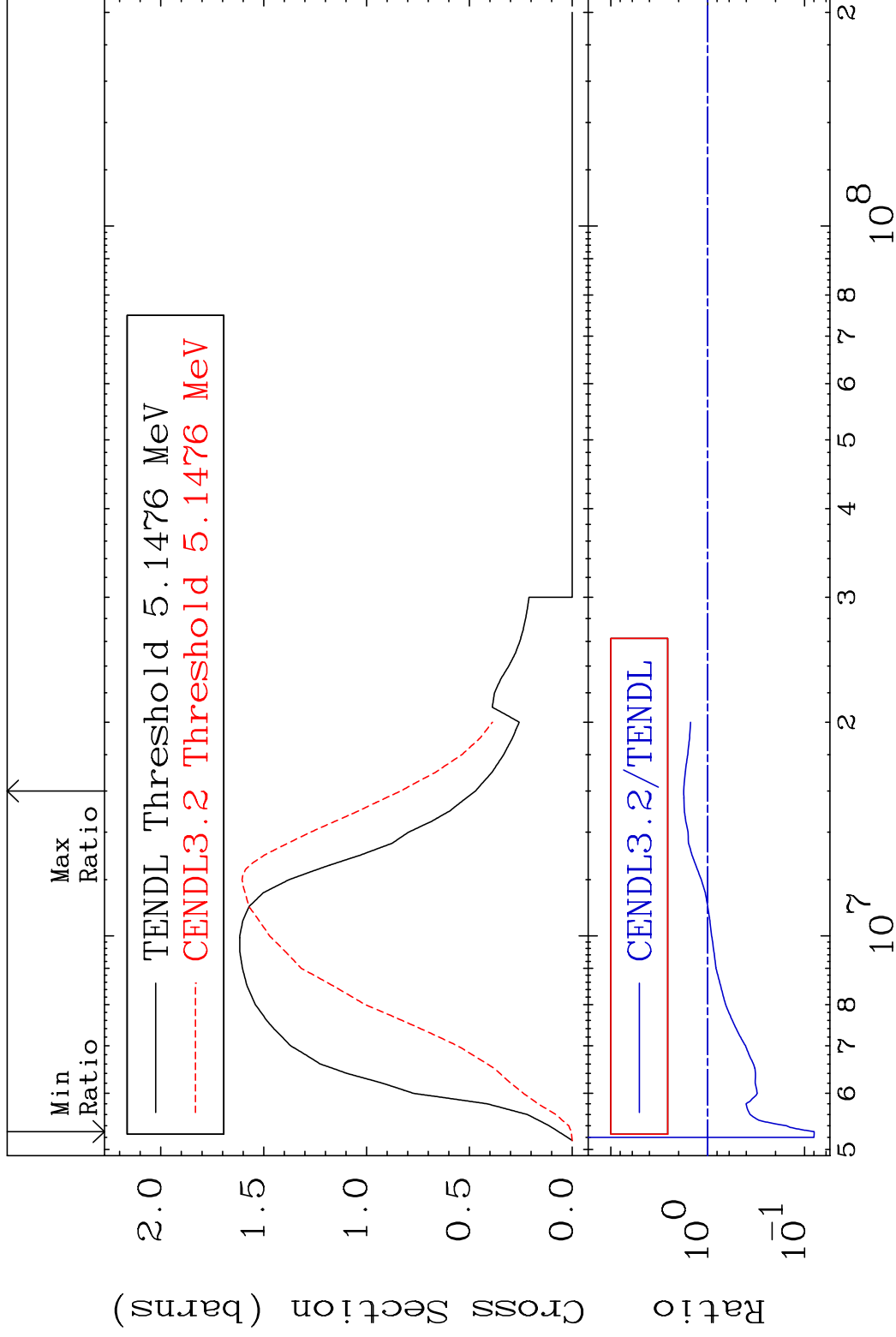
92-U -237

MAT 9234

(n,2n)

92-U -237

Cross Section -92.02 To 77.23 %



4

Incident Energy (eV)

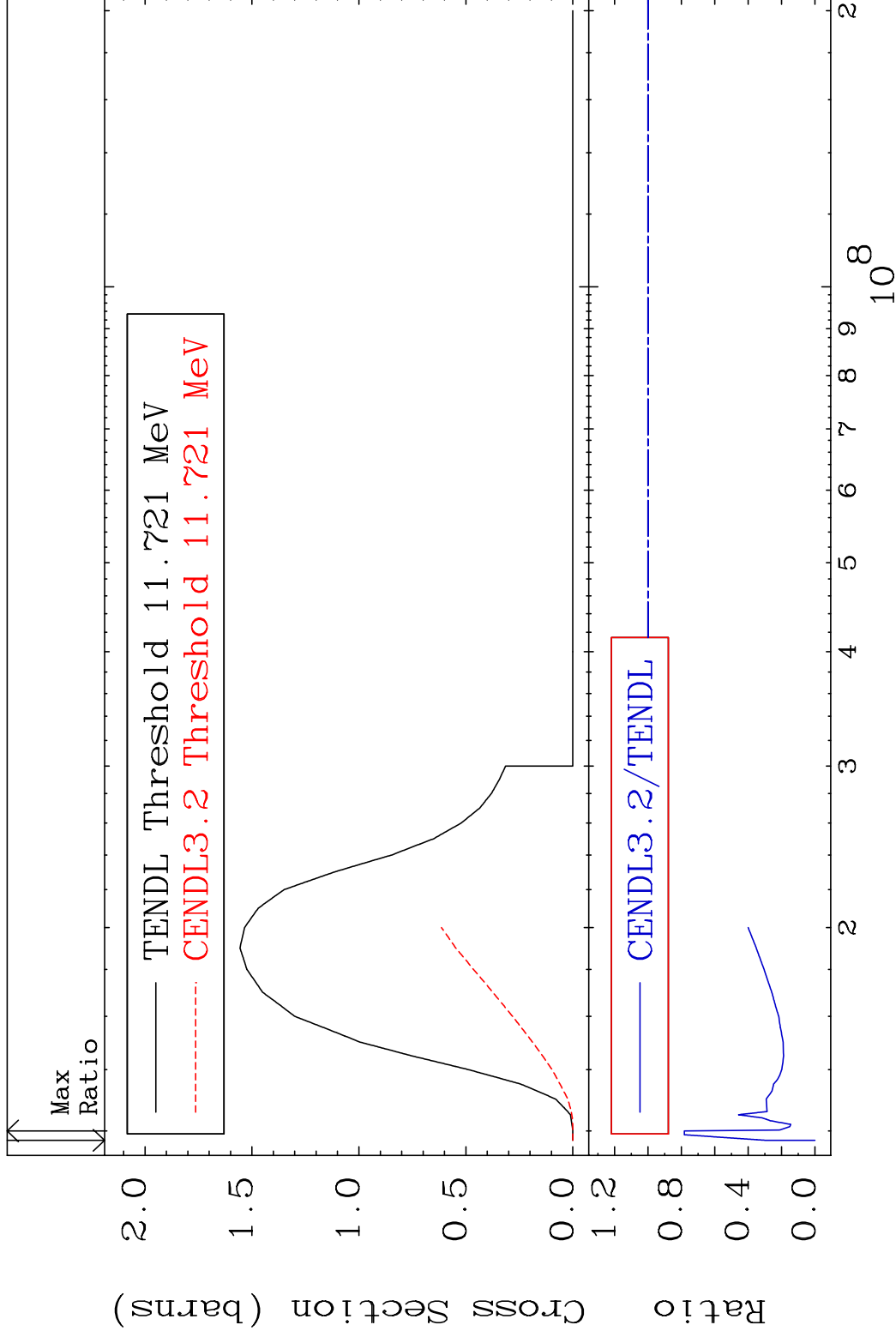
92-U -237

MAT 9234

(n,3n)

92-U -237

Cross Section -100.0 To -21.76%



5

Incident Energy (eV)

92-U -237

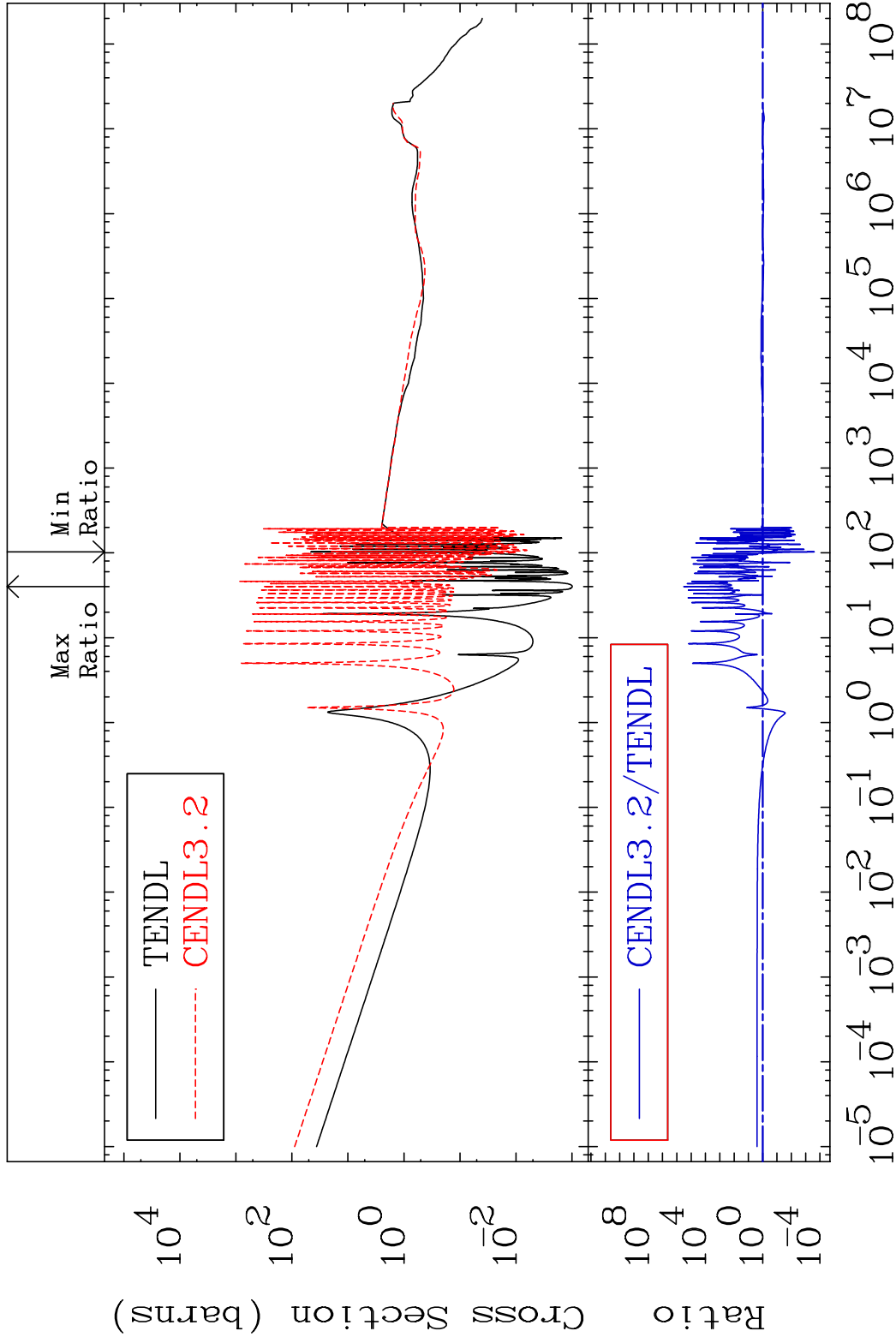
MAT 9234

Fission

92-U -237

Cross Section

-99.97 To 9999. %

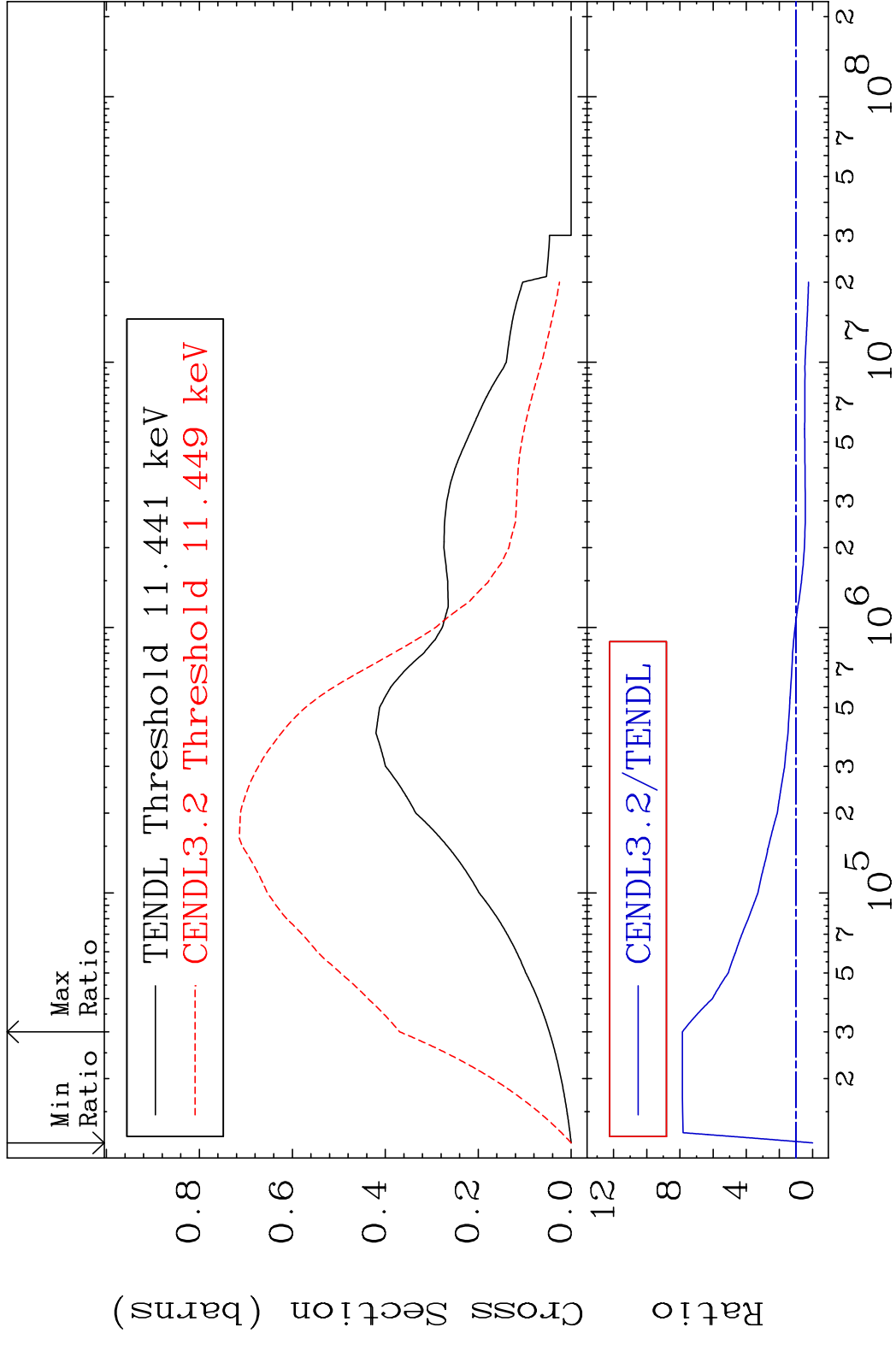


6

Incident Energy (eV)

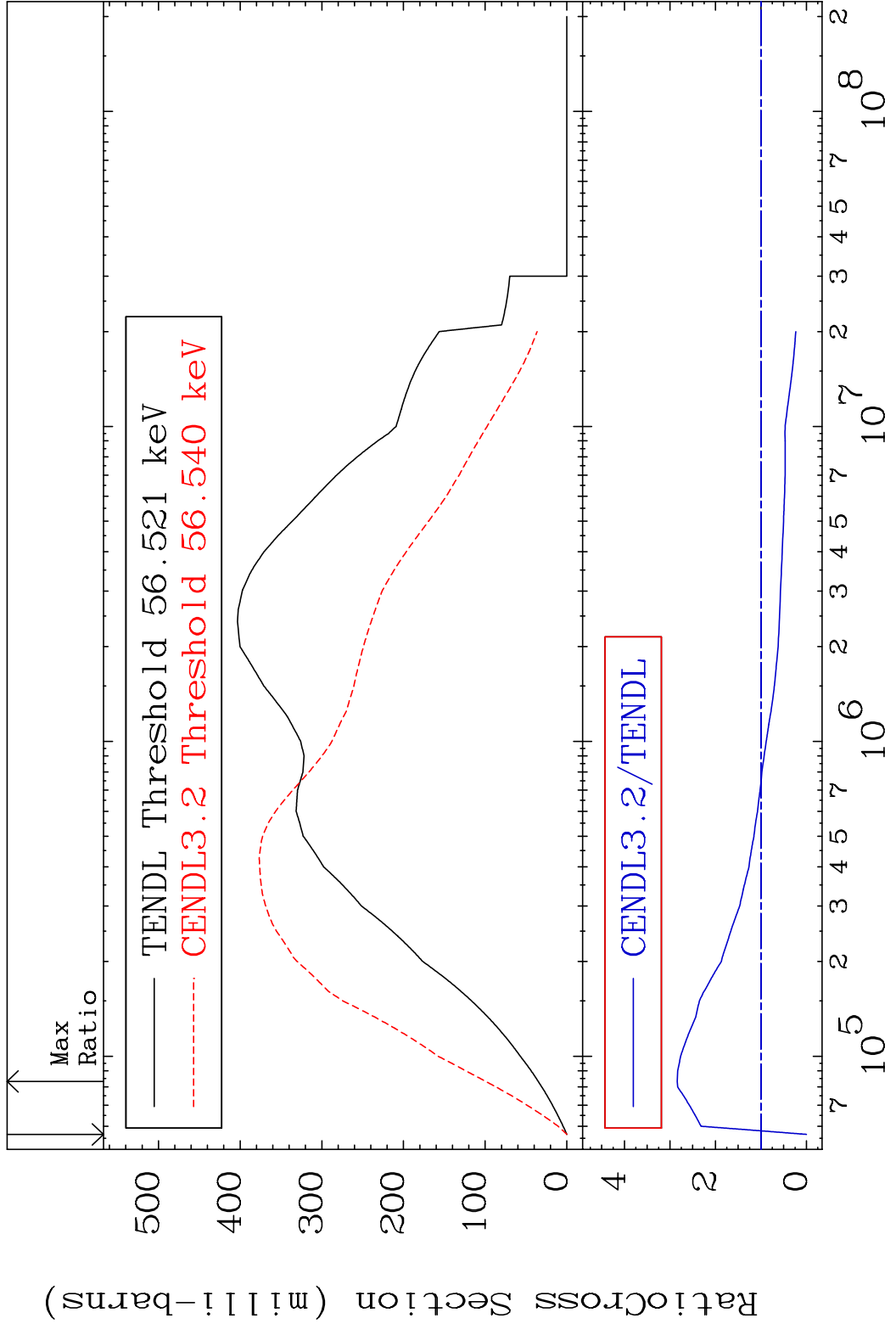
92-U -237

MAT 9234 MT= 51 (n,n') Level 92-U -237  
 Cross Section -100.0 To 685.3 %



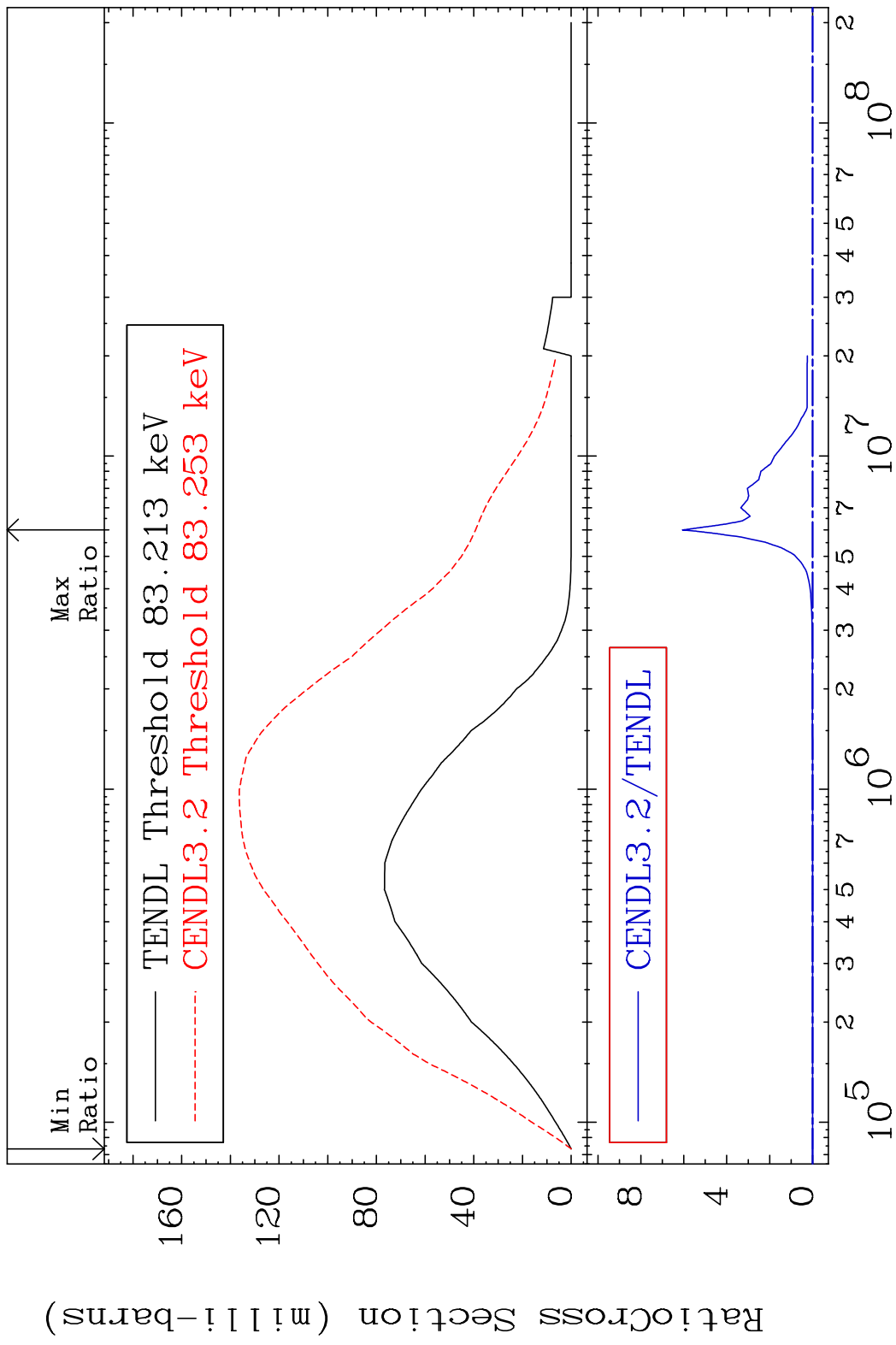


MAT 9234 MT= 52 (n,n') Level 92-U -237  
 Cross Section -100.0 To 184.0 %



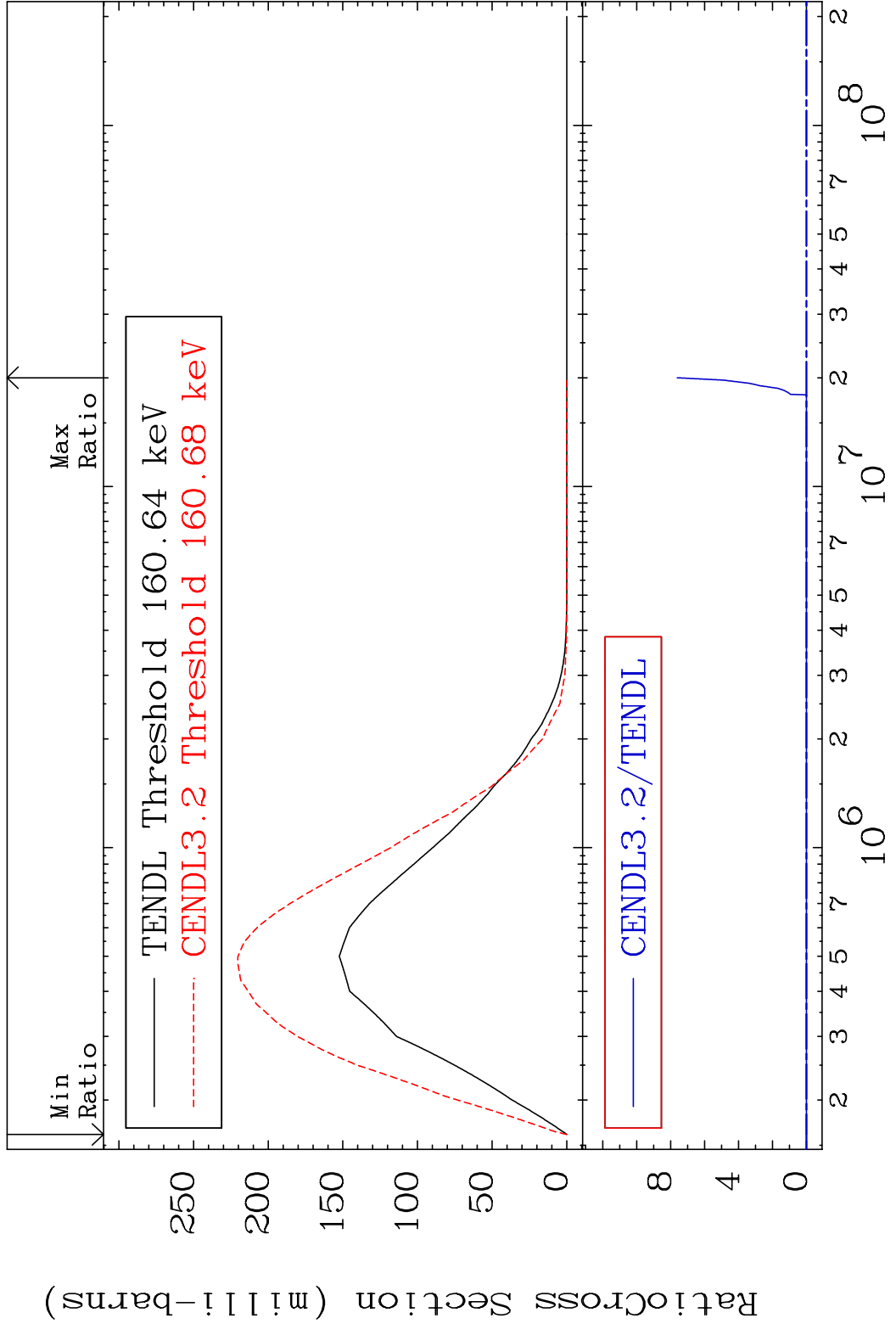
8 8 Incident Energy (eV) 92-U -237

MAT 9234 MT= 53 (n, n') Level 92-U -237  
 Cross Section -100.0 To 9999. %



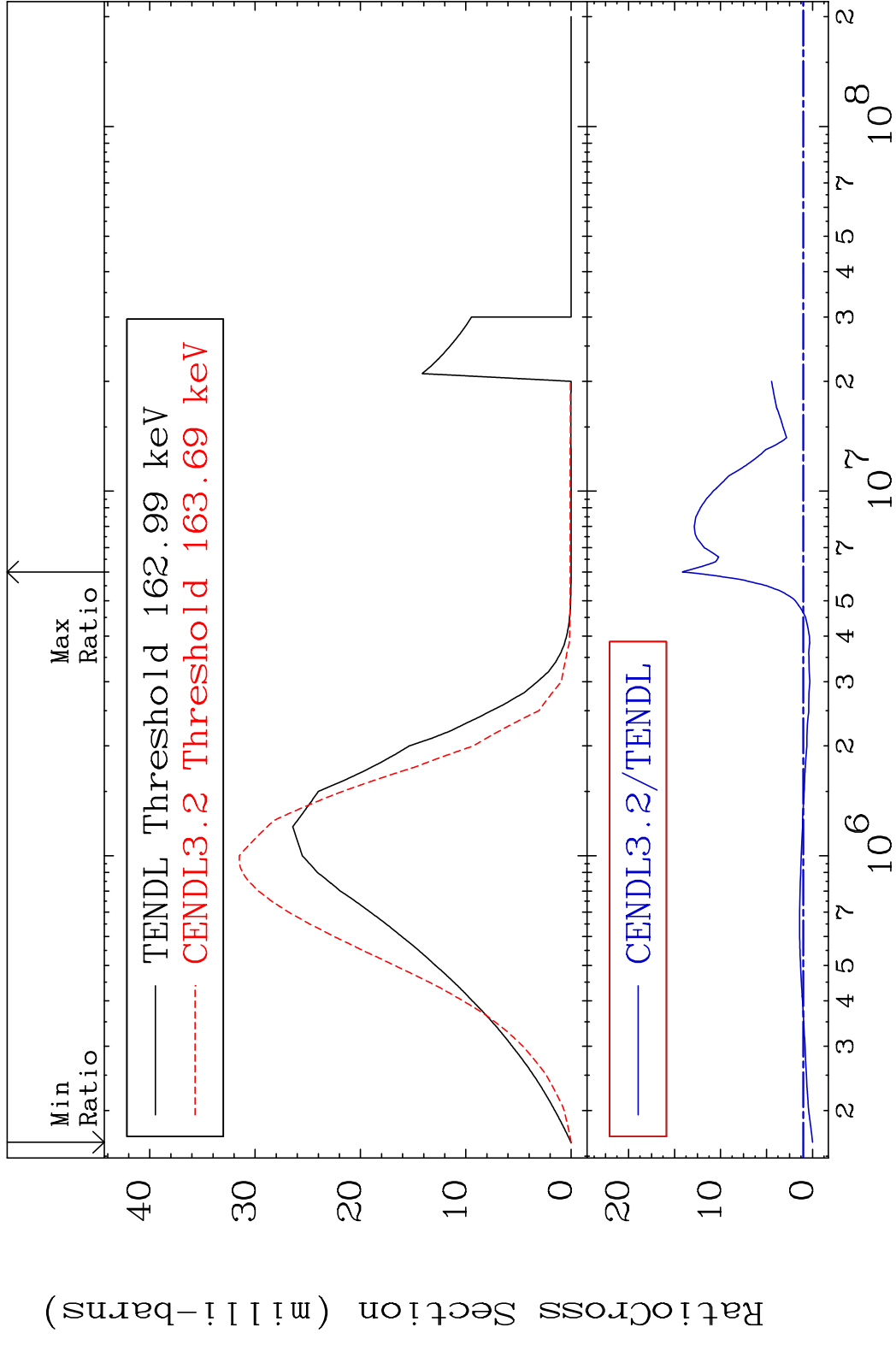
9 92-U -237

MAT 9234 MT= 54 (n,n') Level 92-U -237  
 Cross Section -100.0 To 9999. %

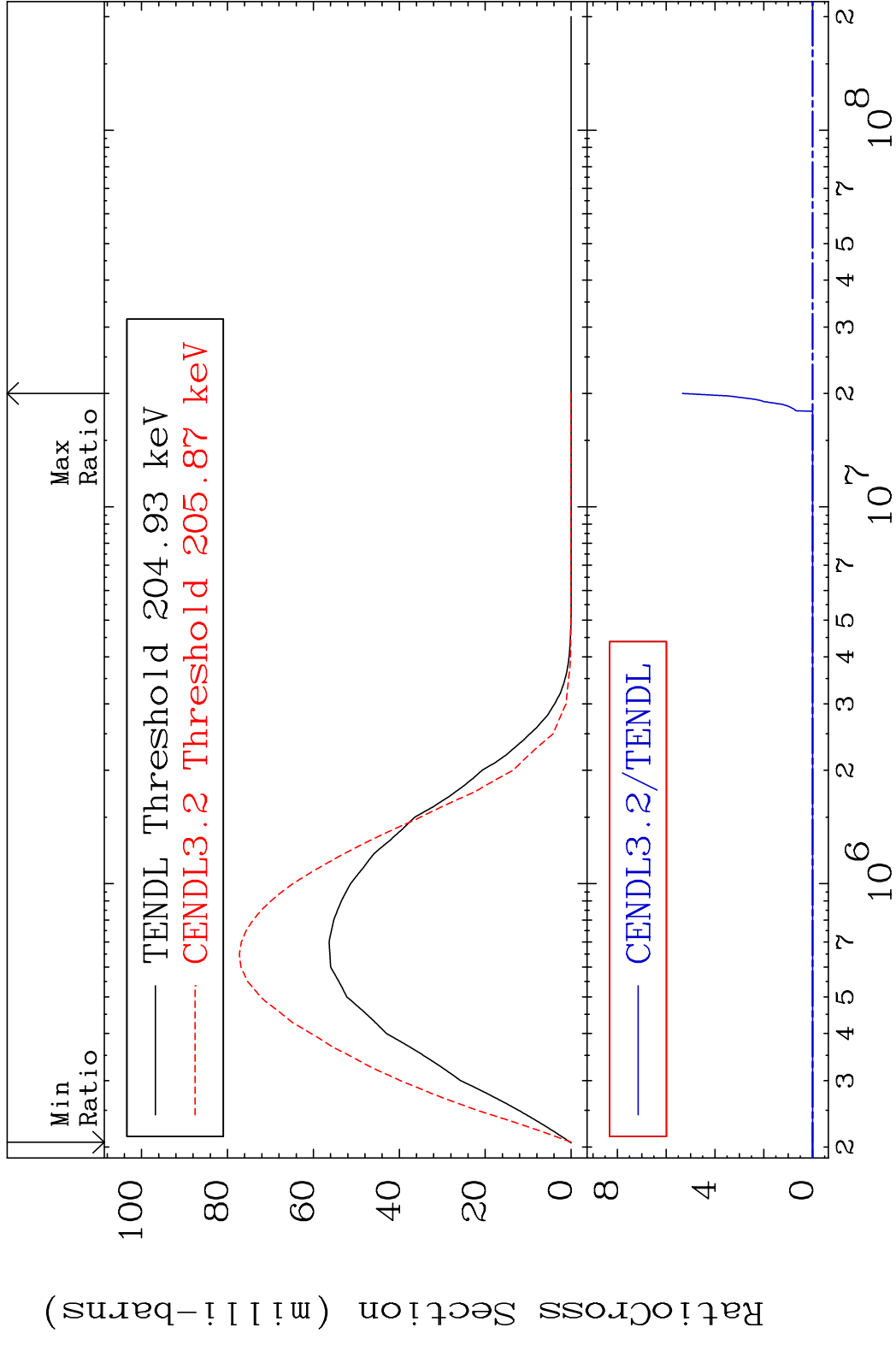


10 Incident Energy (eV) 92-U -237

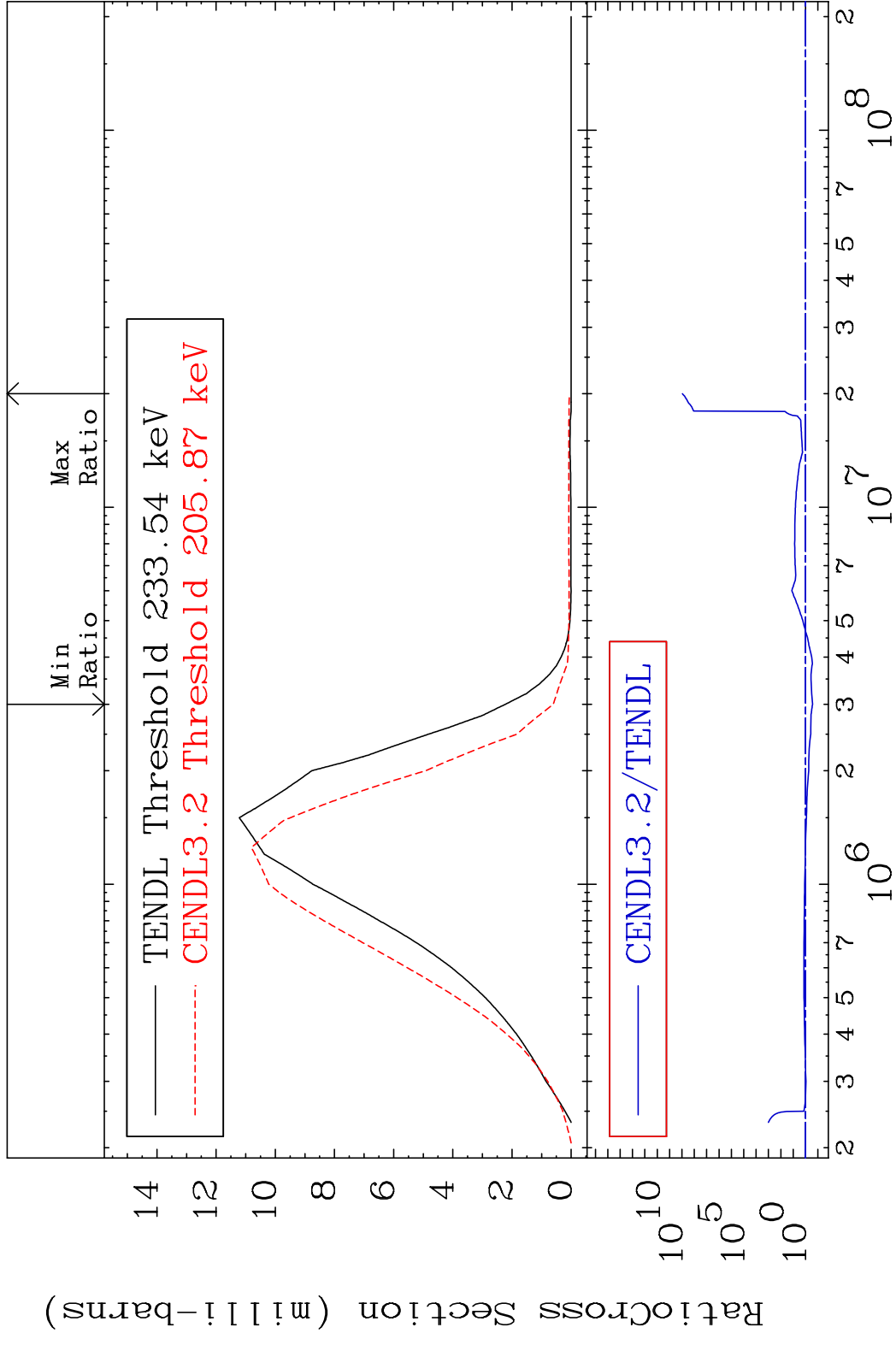
MAT 9234 MT= 55 (n,n') Level 92-U -237  
 Cross Section -100.0 To 1315. %



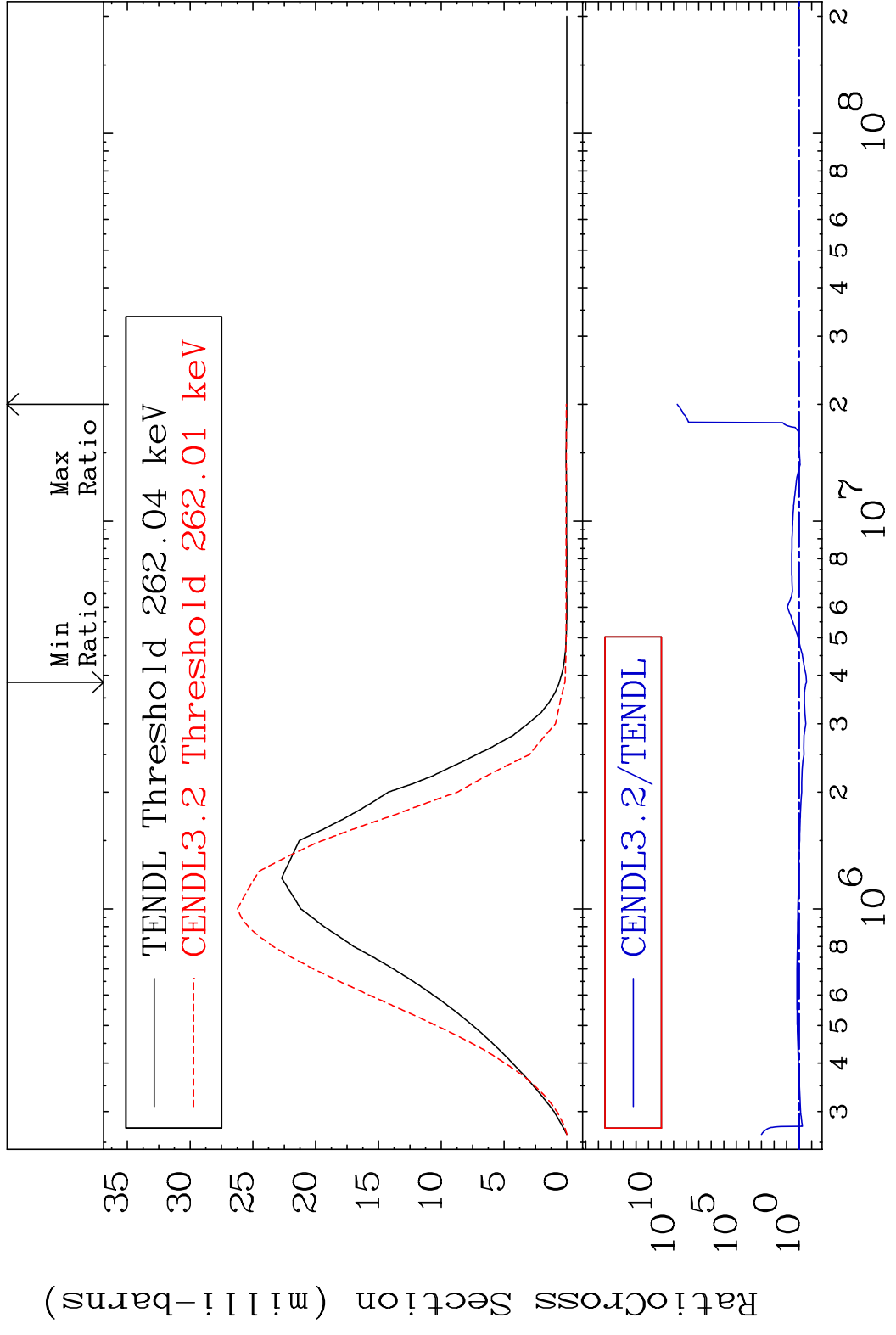
MAT 9234 MT= 56 (n,n') Level 92-U -237  
 Cross Section -100.0 To 9999. %



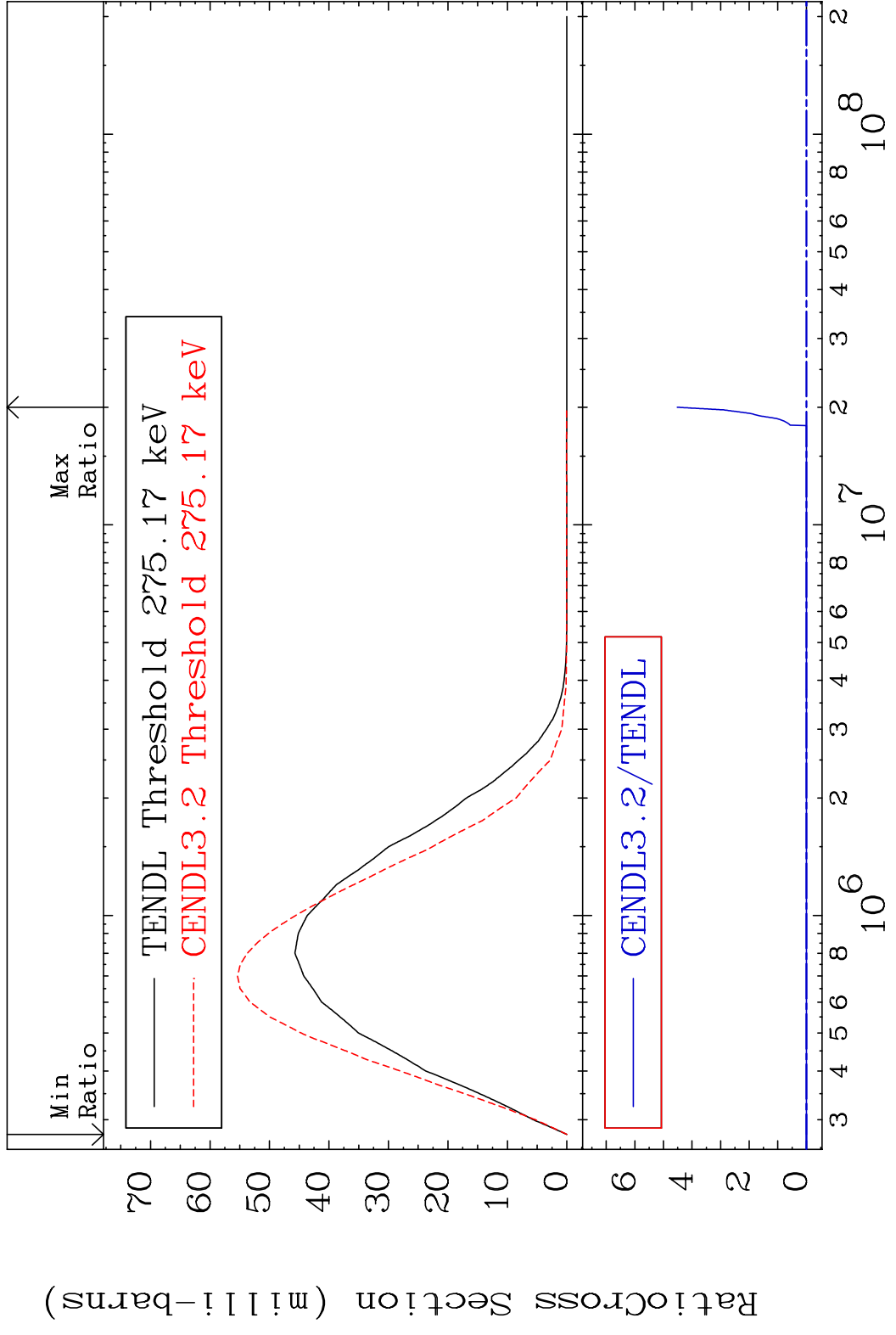
MAT 9234 MT= 57 (n,n') Level 92-U -237  
 Cross Section -72.82 To 9999. %



MAT 9234 MT= 58 (n,n') Level 92-U -237  
 Cross Section -73.84 To 9999. %

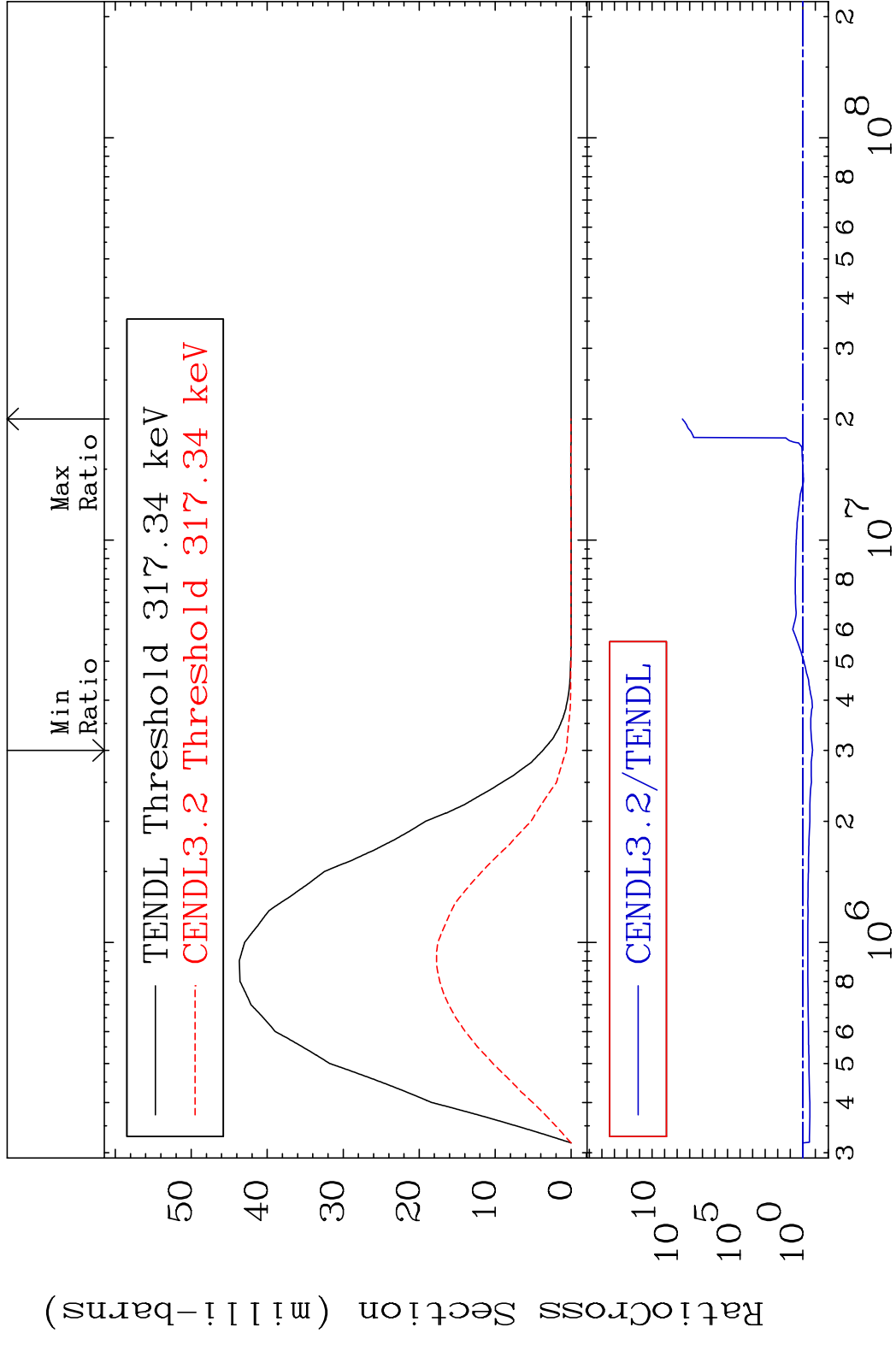


MAT 9234 MT= 59 (n,n') Level 92-U -237  
 Cross Section -100.0 To 9999. %

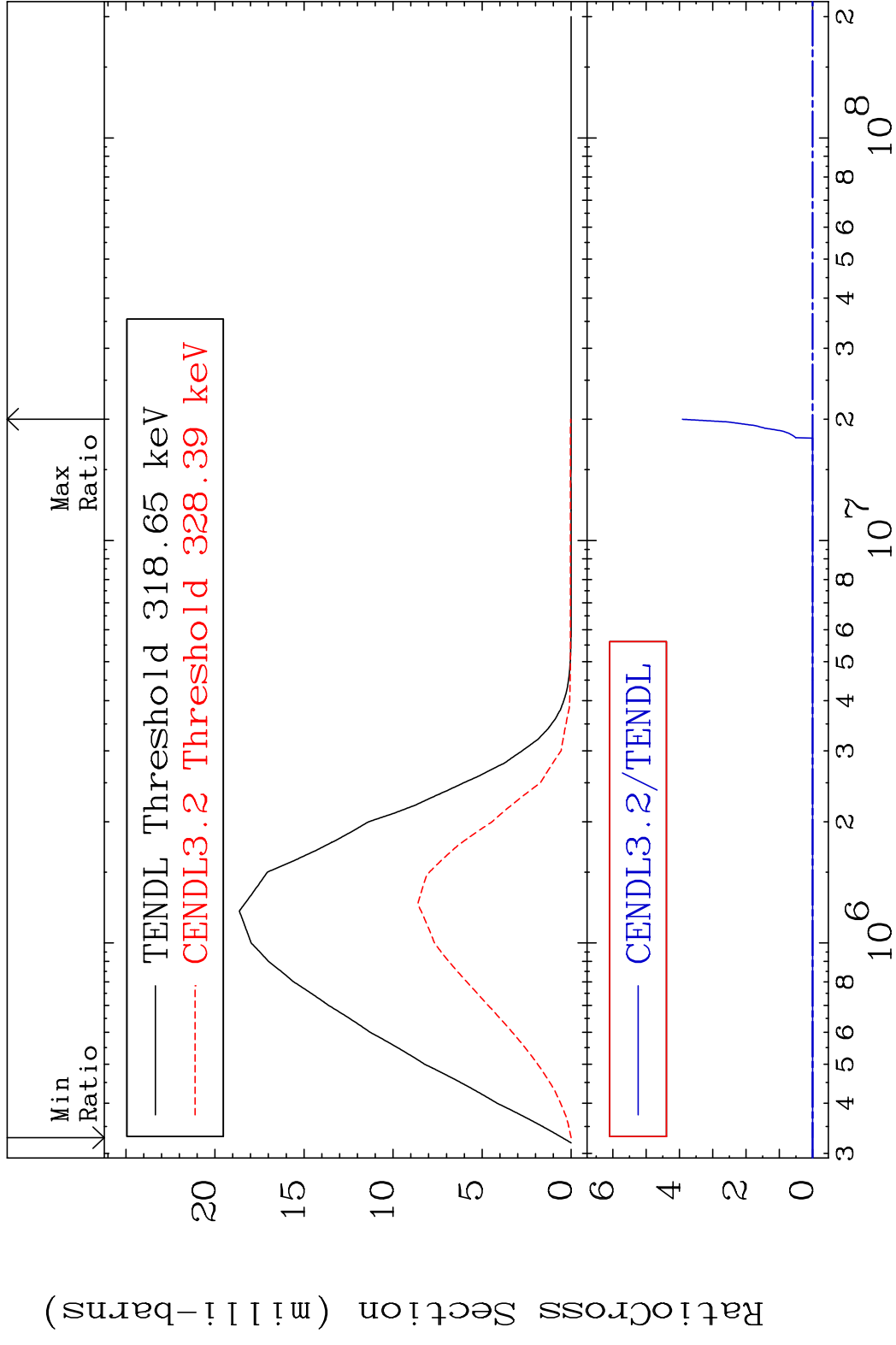




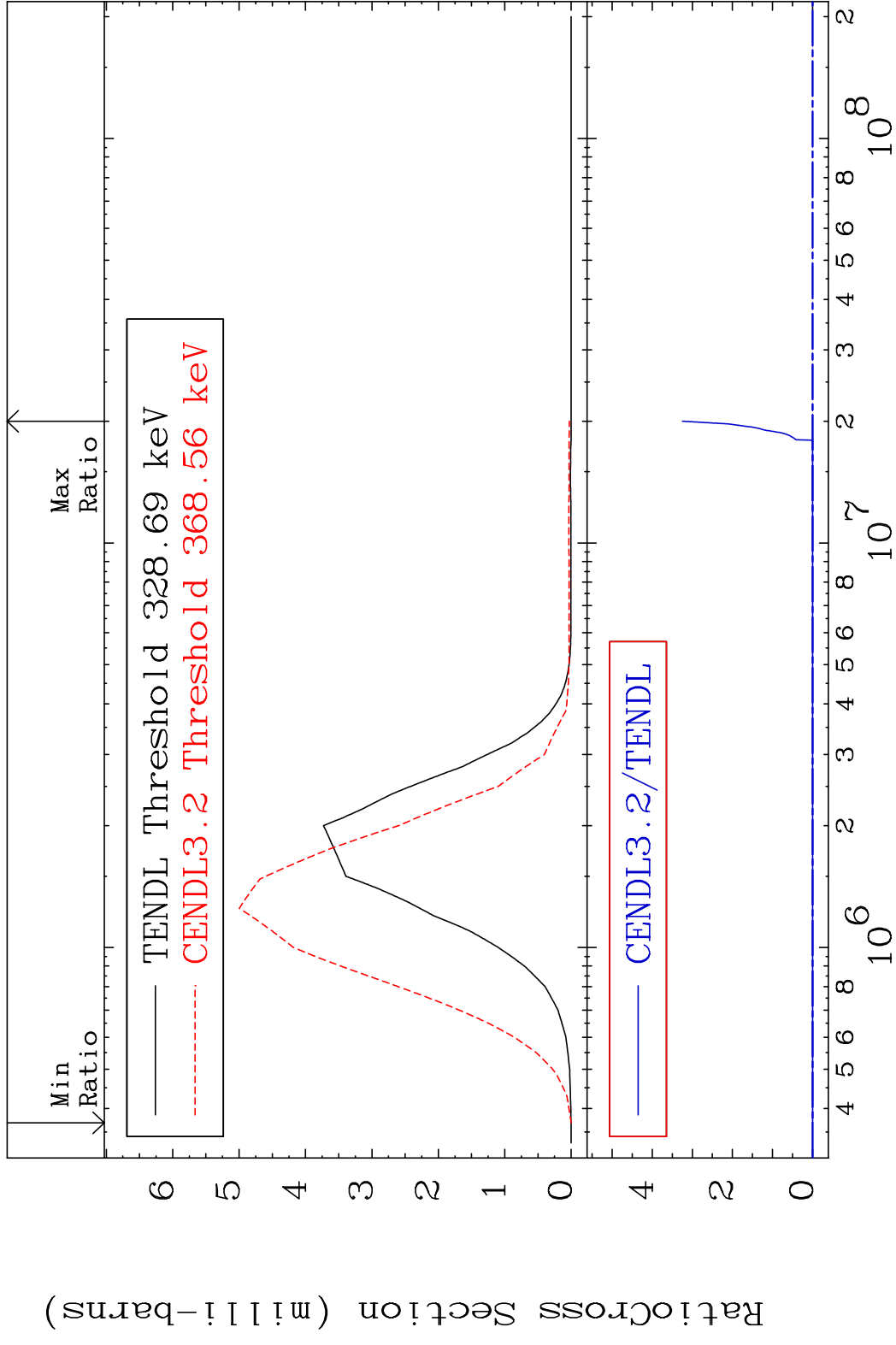
MAT 9234 MT= 60 (n,n') Level 92-U -237  
 Cross Section -82.99 To 9999. %



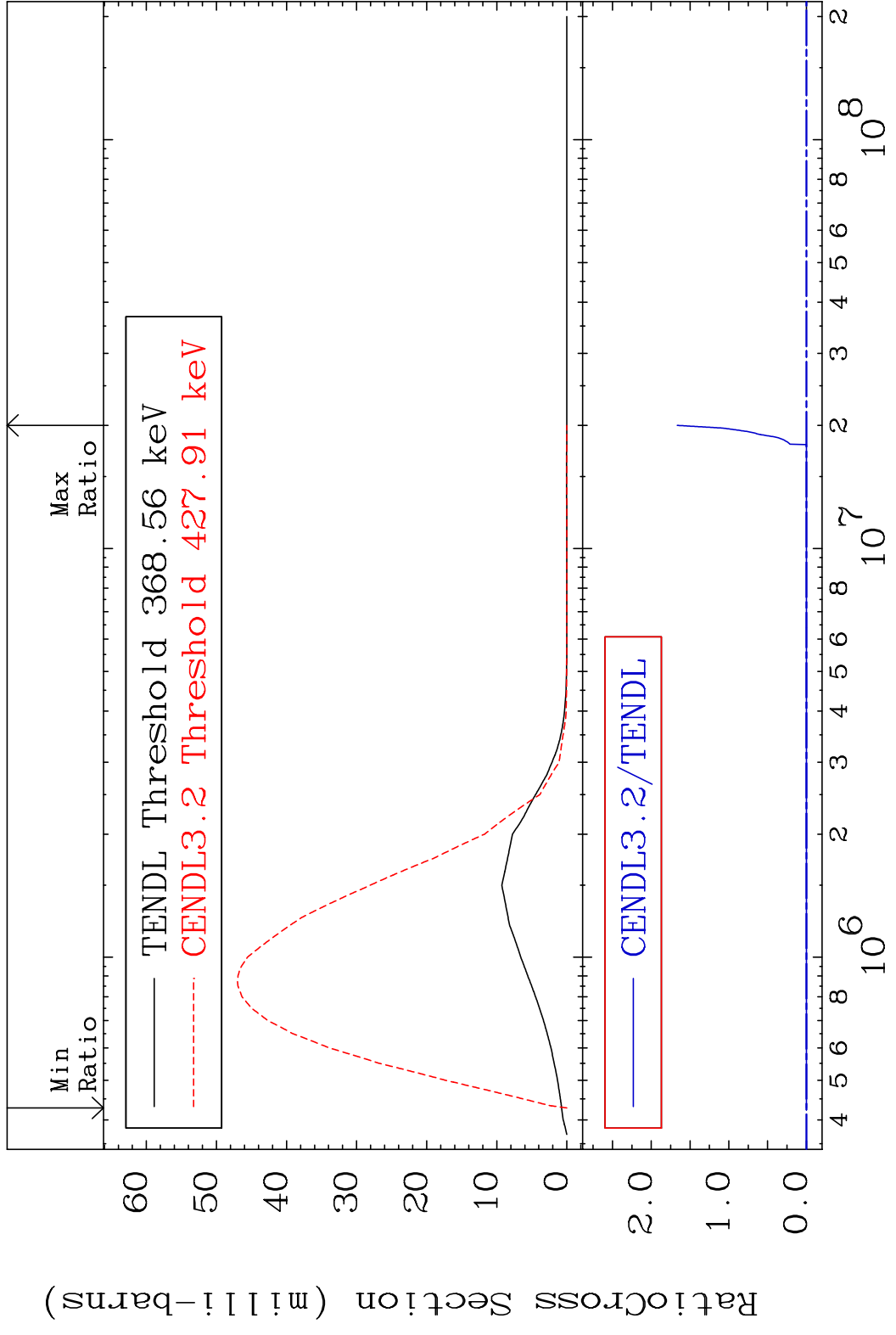
MAT 9234 MT= 61 (n,n') Level 92-U -237  
 Cross Section -100.0 To 9999. %



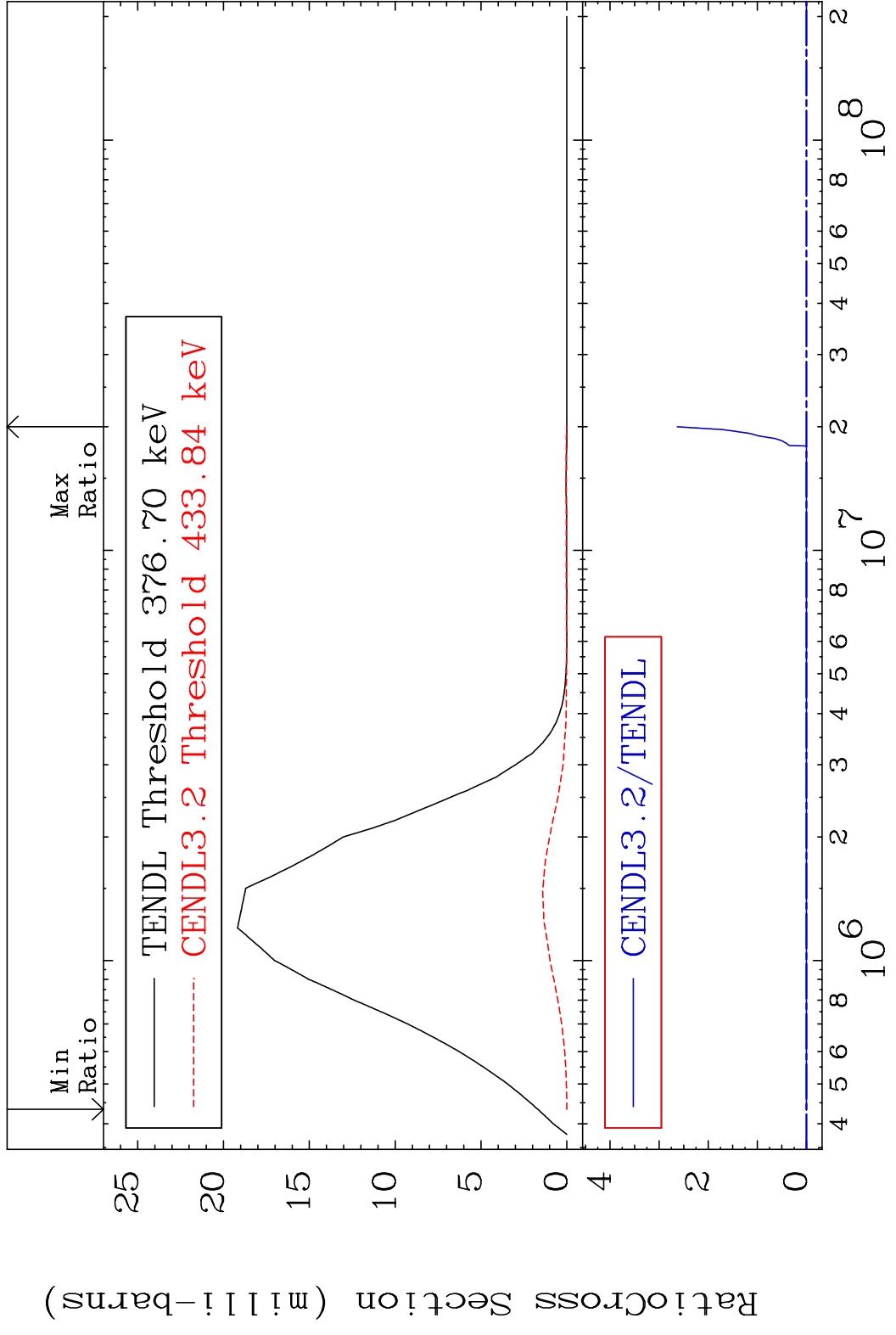
MAT 9234 MT= 62 (n, n') Level 92-U -237  
 Cross Section -100.0 To 9999. %



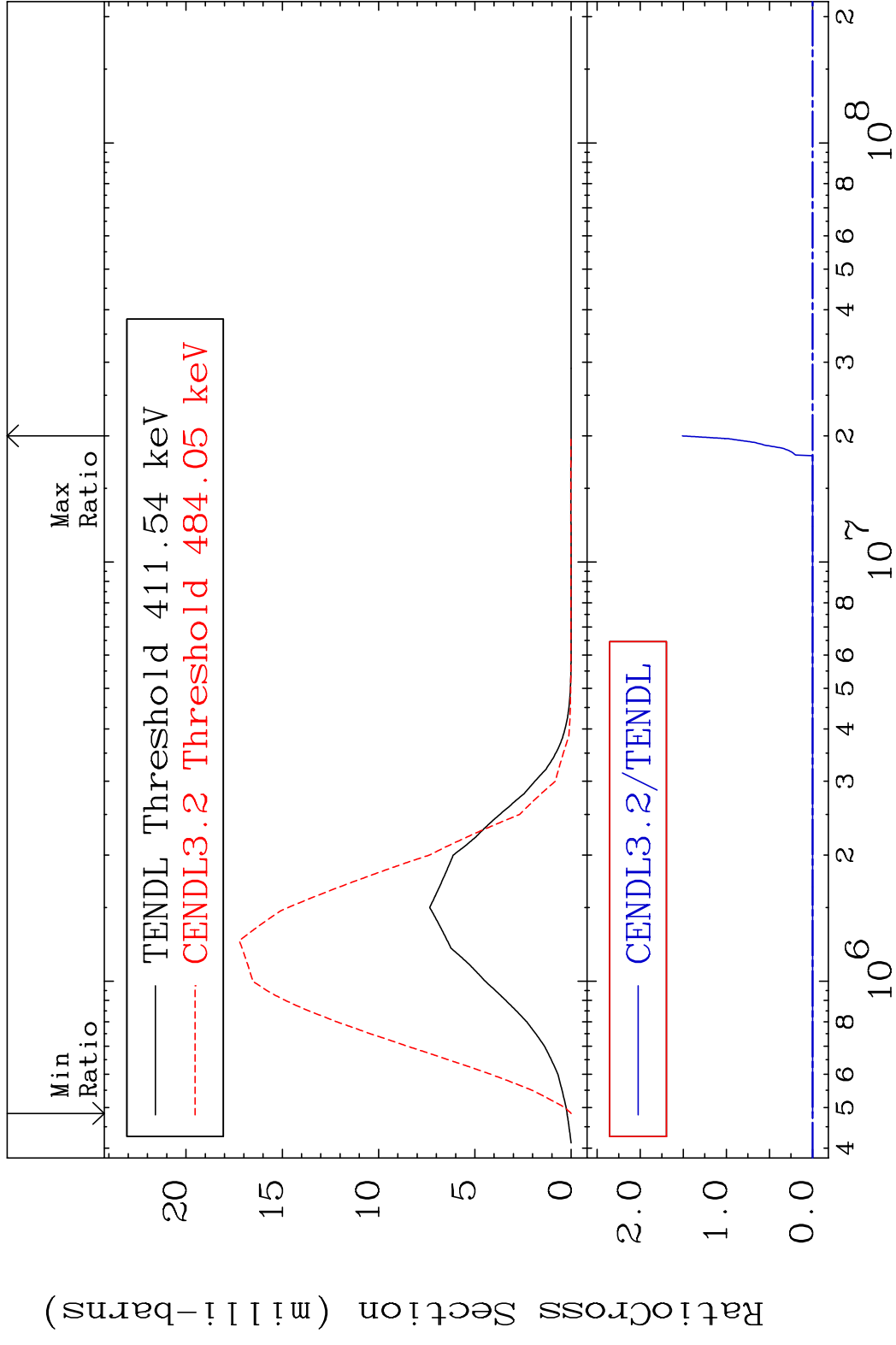
MAT 9234 MT= 63 (n,n') Level 92-U -237  
 Cross Section -100.0 To 9999. %



MAT 9234 MT= 64 (n, n') Level 92-U -237  
 Cross Section -100.0 To 9999. %



MAT 9234 MT= 65 (n, n') Level 92-U -237  
 Cross Section -100.0 To 9999. %

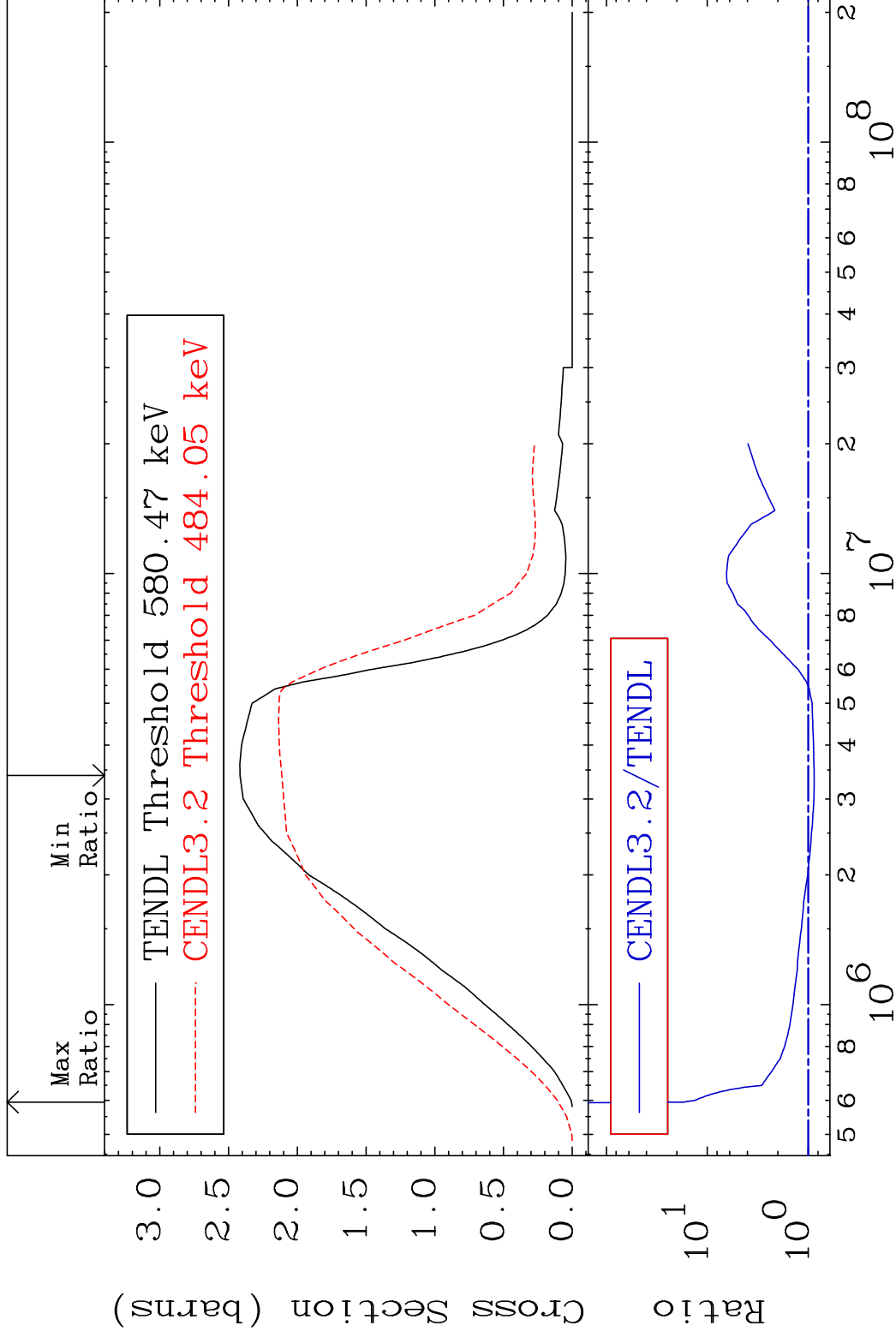


MAT 9234

(n,n') Continuum

92-U -237

Cross Section -12.57 To 1615. %



22

Incident Energy (eV)

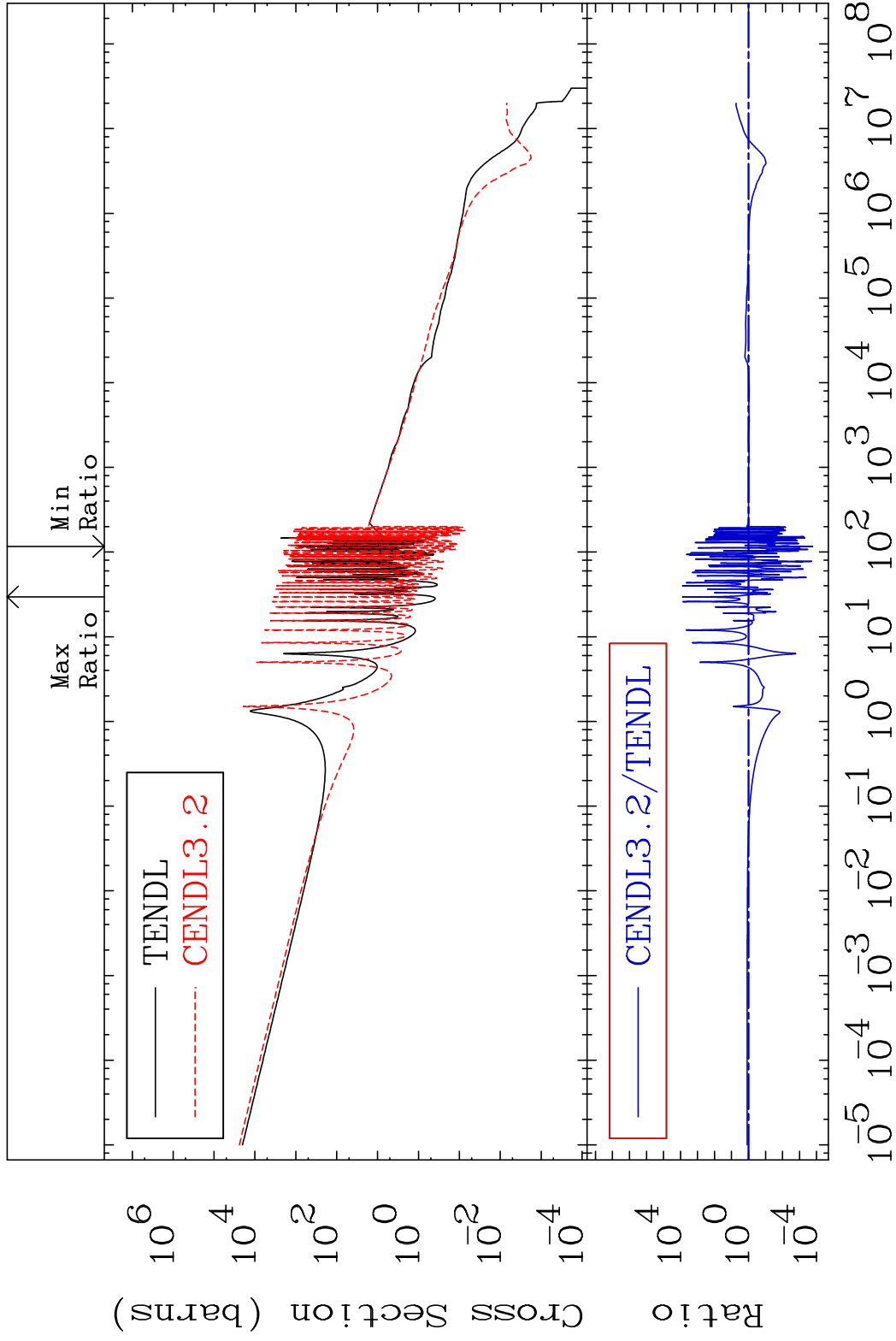
92-U -237

MAT 9234

(n,  $\gamma$ )

92-U -237

Cross Section -99.98 To 9999. %



23

Incident Energy (eV)

92-U -237

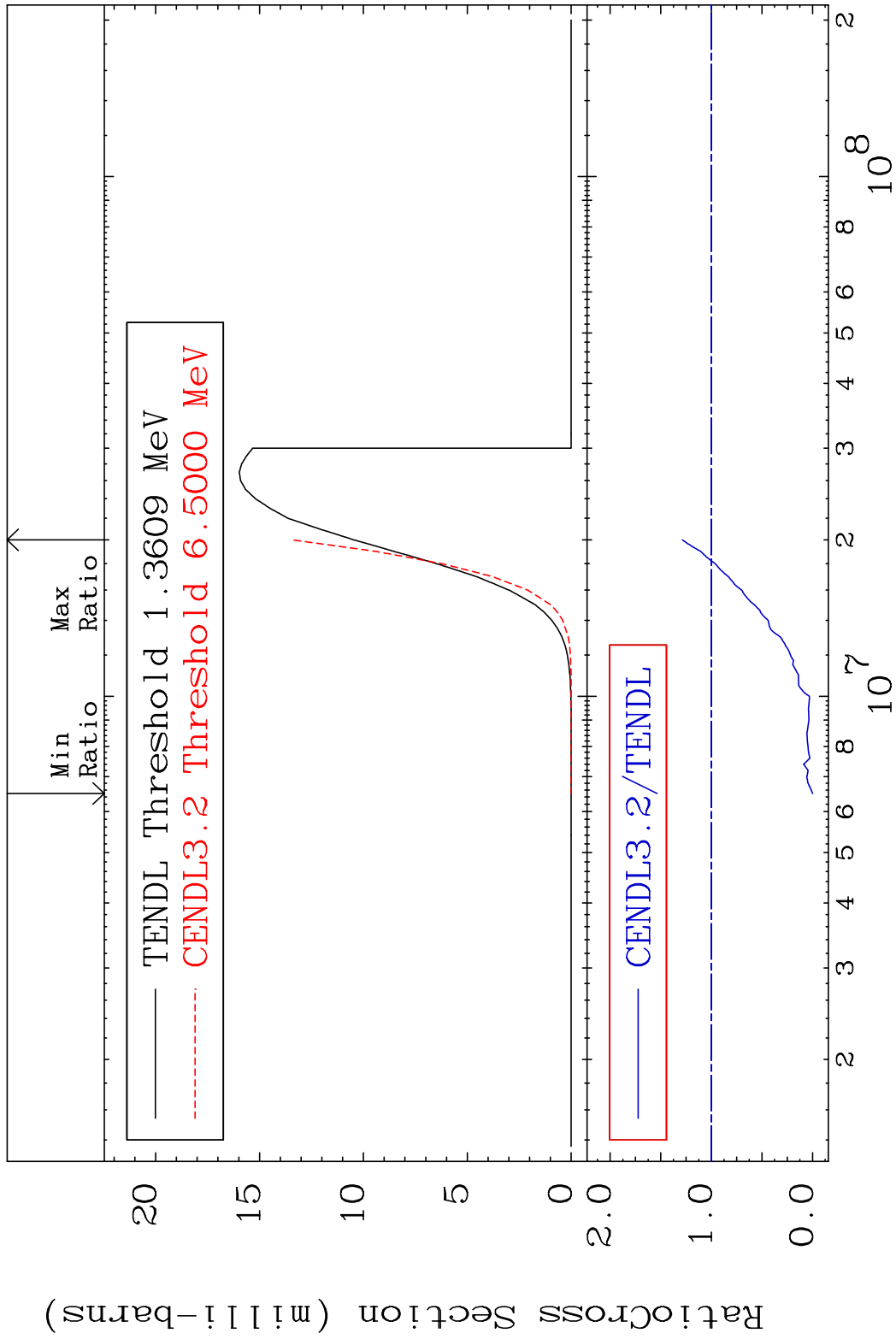


MAT 9234

(n,p)

92-U -237

Cross Section -100.0 To 28.67 %



24

Incident Energy (eV)

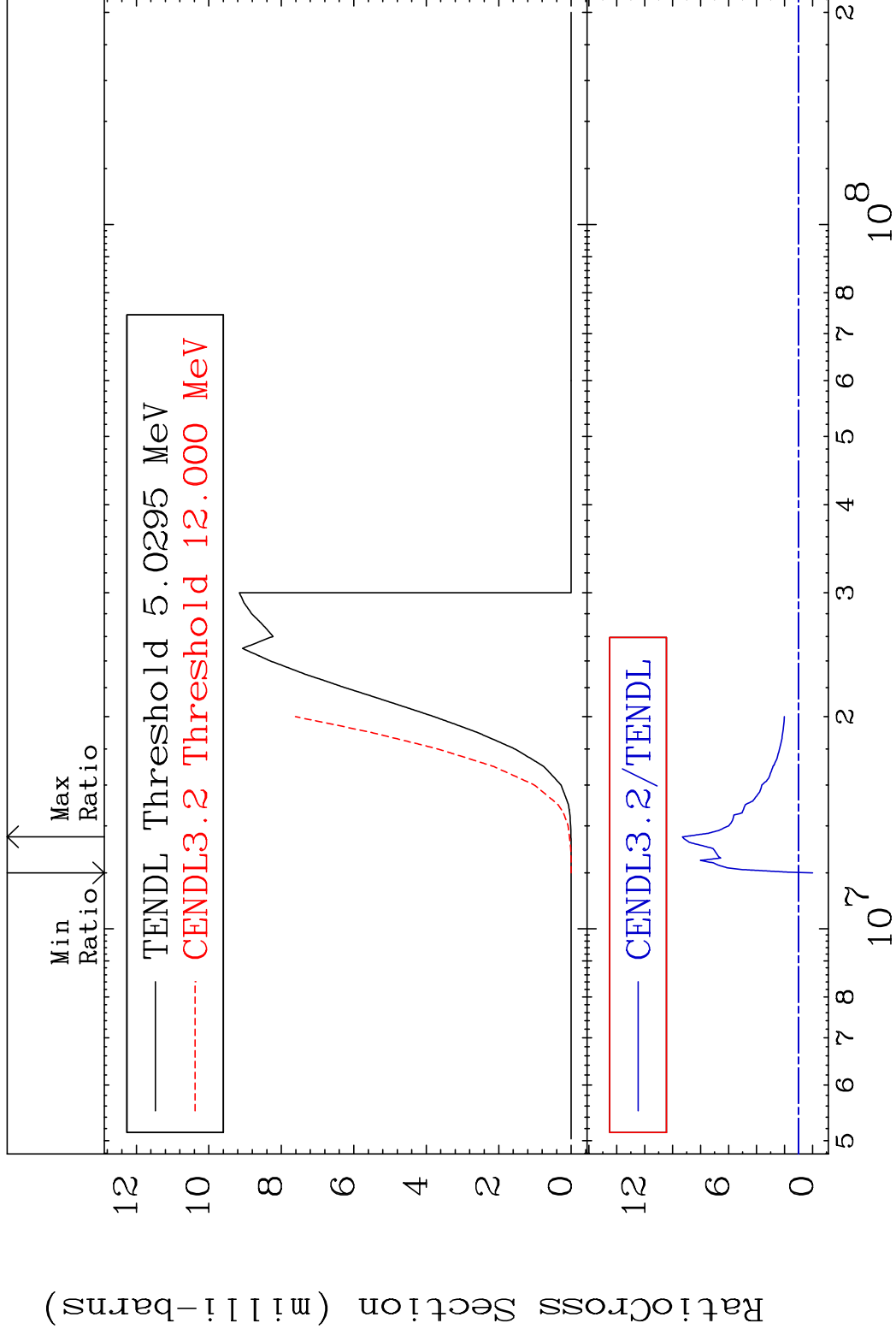
92-U -237

MAT 9234

(n,d)

92-U -237

Cross Section -100.0 To 830.9 %



25

Incident Energy (eV)

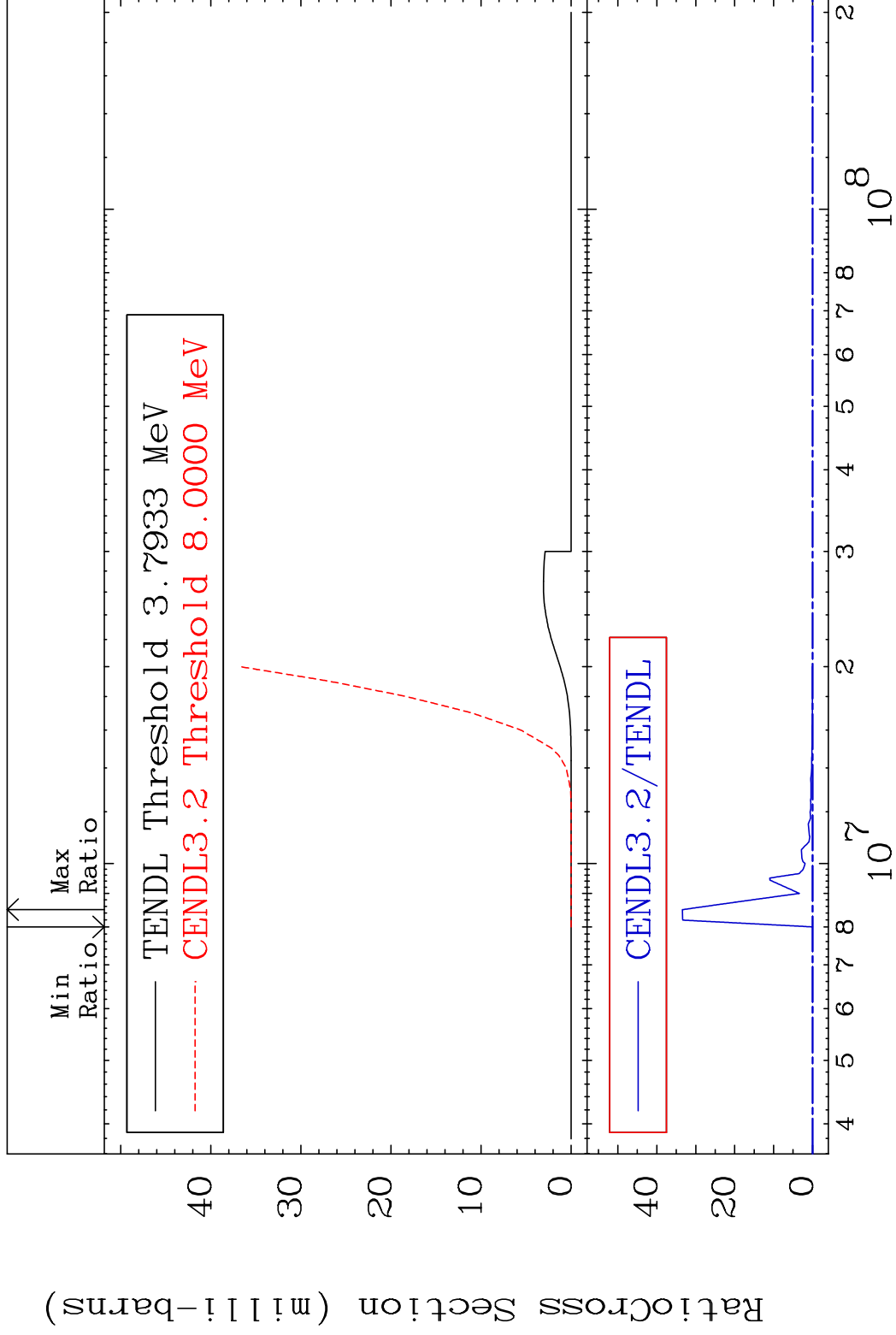
92-U -237

MAT 9234

(n, t)

92-U -237

Cross Section -100.0 To 9999. %



26

Incident Energy (eV)

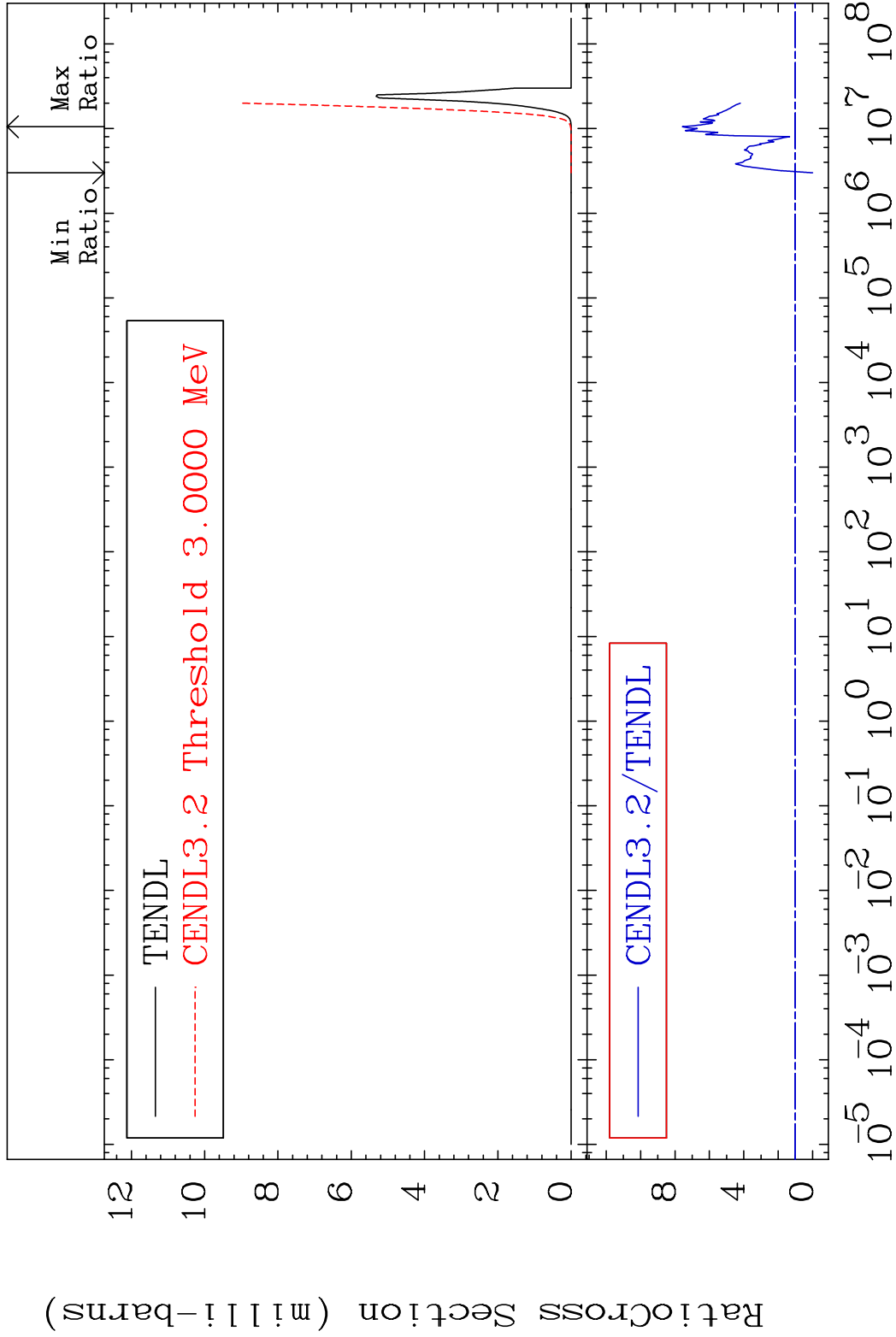
92-U -237

MAT 9234

(n,  $\alpha$ )

92-U -237

Cross Section -100.0 To 657.3 %



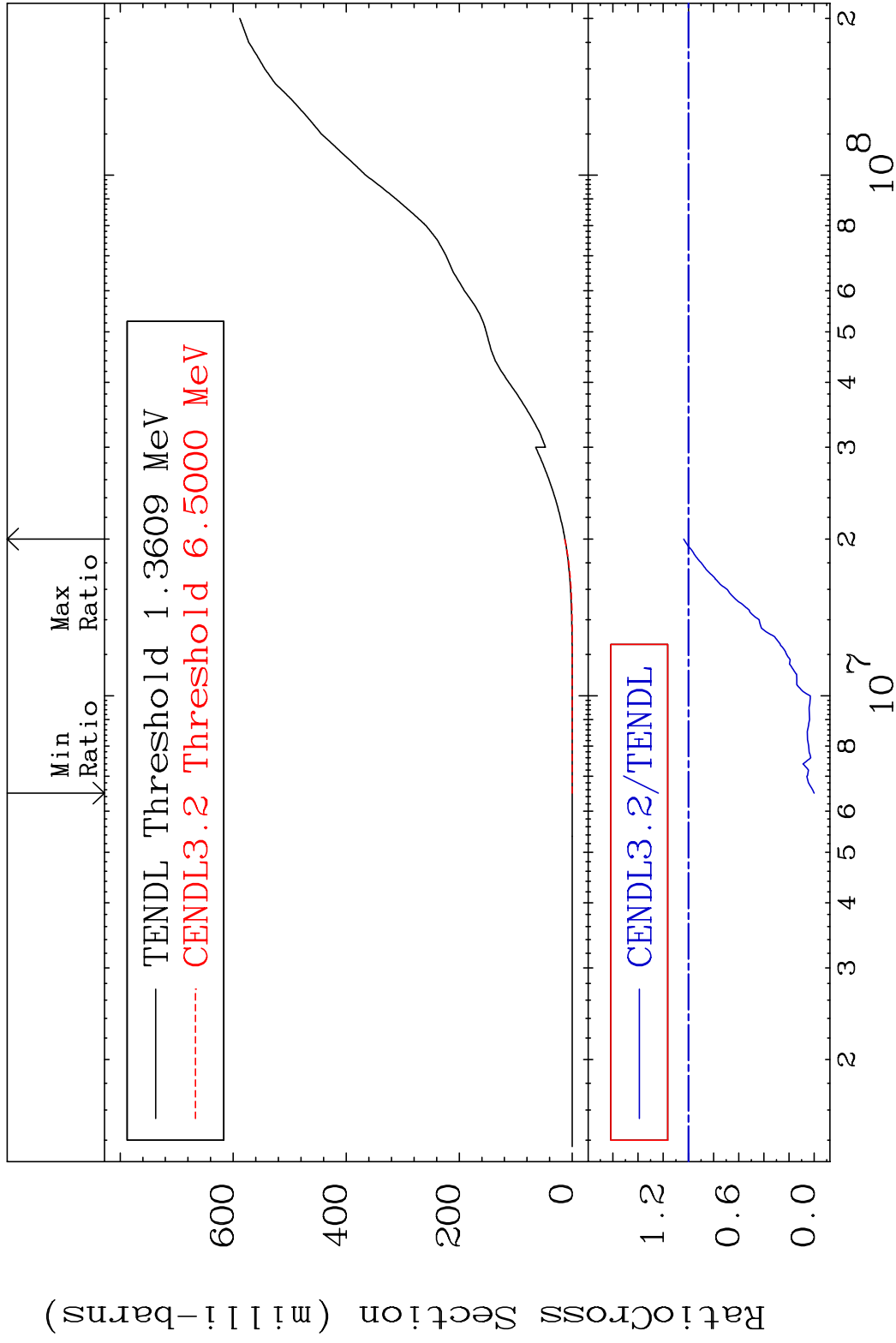
27

Incident Energy (eV)

92-U -237

MAT 9234

Hydrogen Production 92-U -237  
Cross Section -100.0 To 3.762 %



28

Incident Energy (eV)

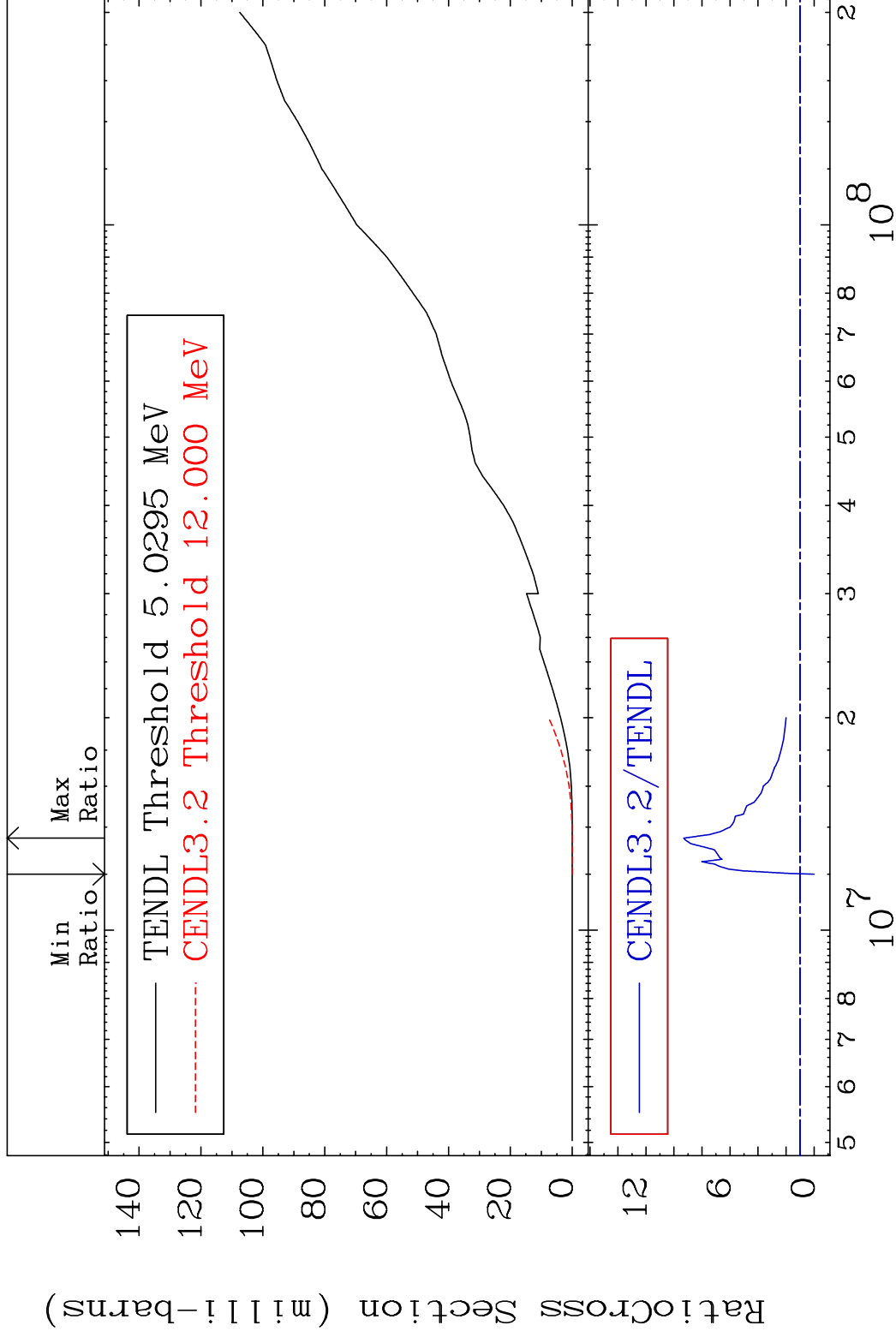
92-U -237

MAT 9234

Deuterium Production

92-U -237

Cross Section -100.0 To 830.9 %

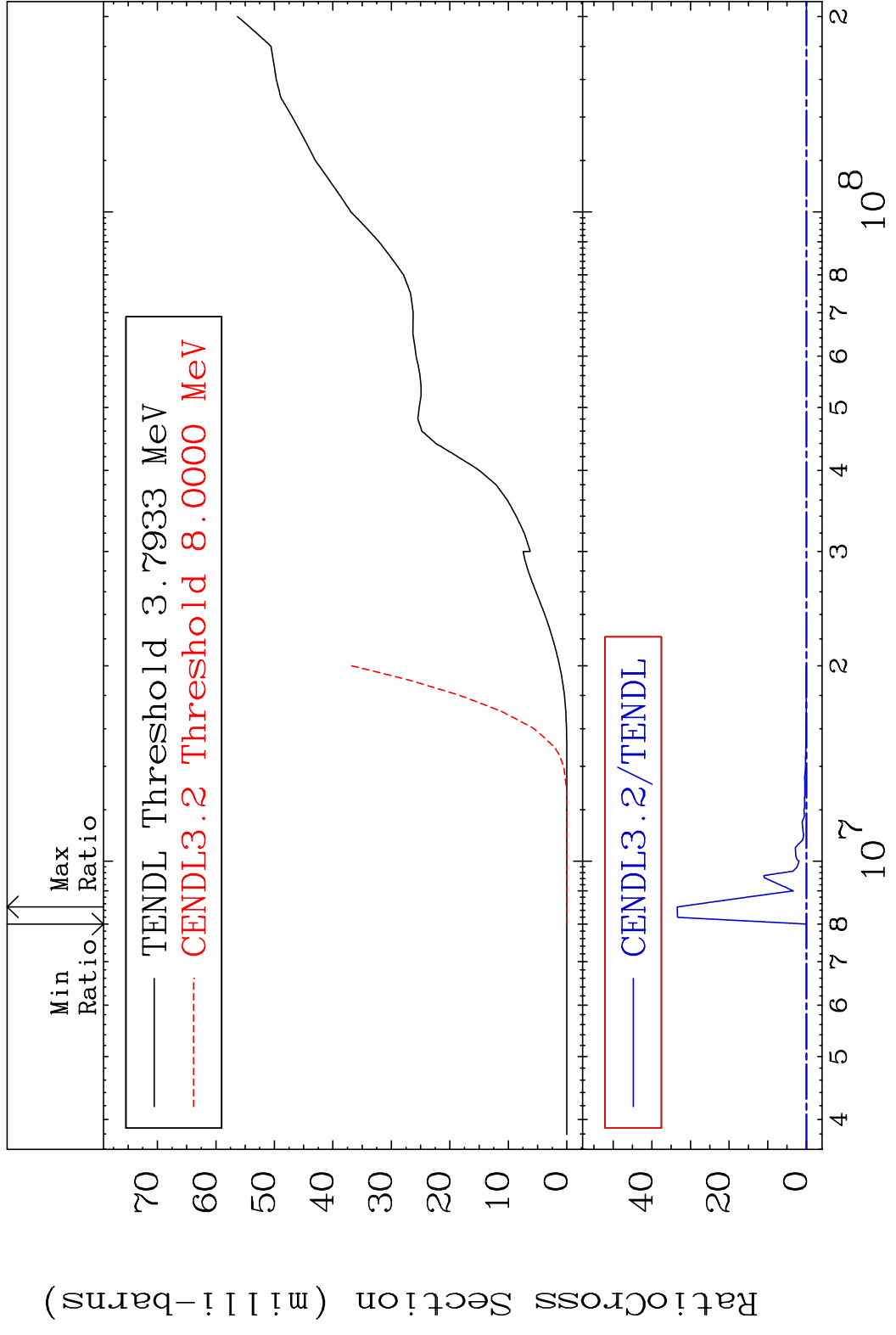


29

Incident Energy (eV)

92-U -237

MAT 9234 Tritium Production 92-U -237  
 Cross Section -100.0 To 9999. %



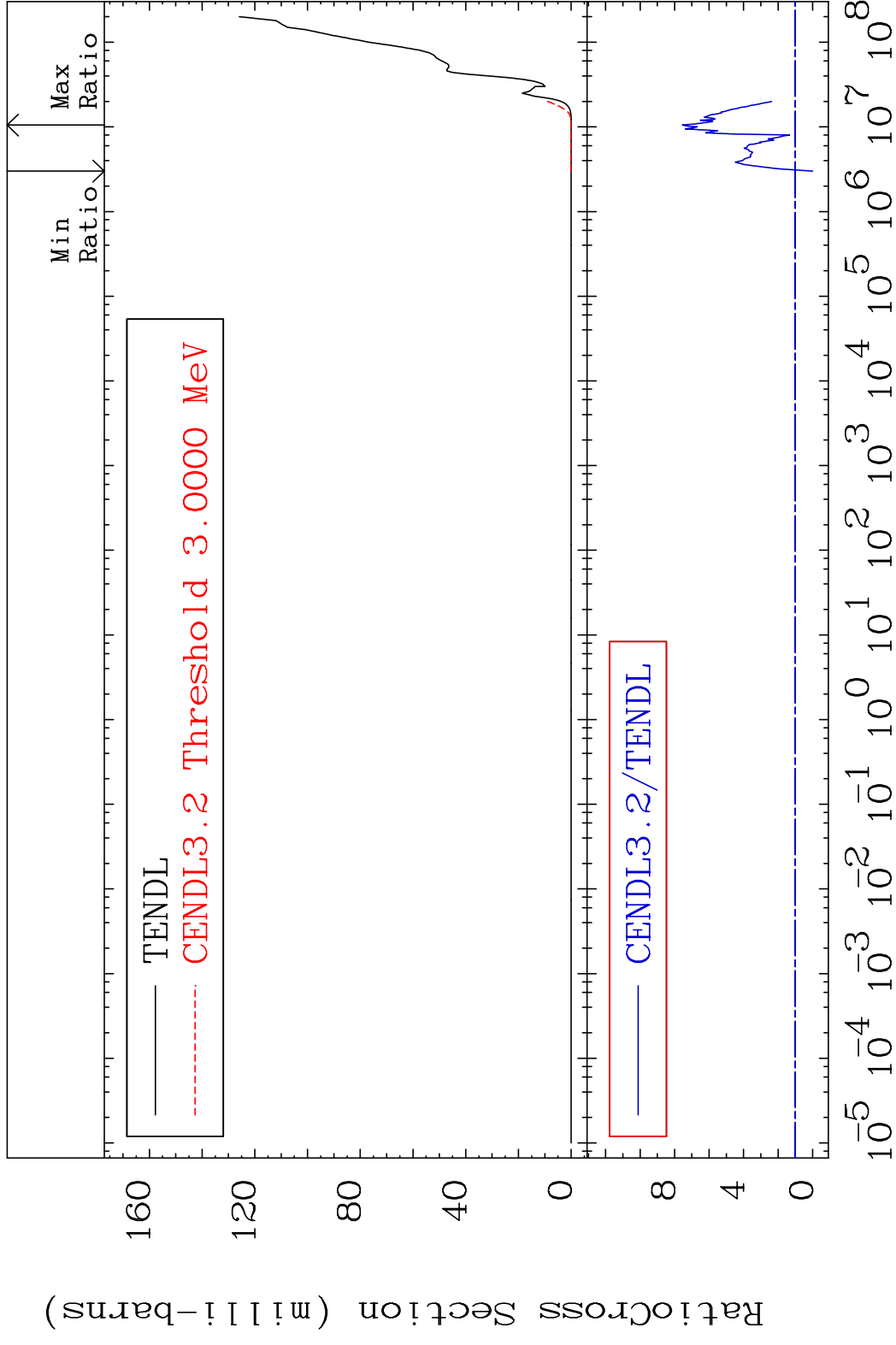
30 Incident Energy (eV) 92-U -237

MAT 9234

He-4 Production

92-U -237

Cross Section -100.0 To 655.1 %



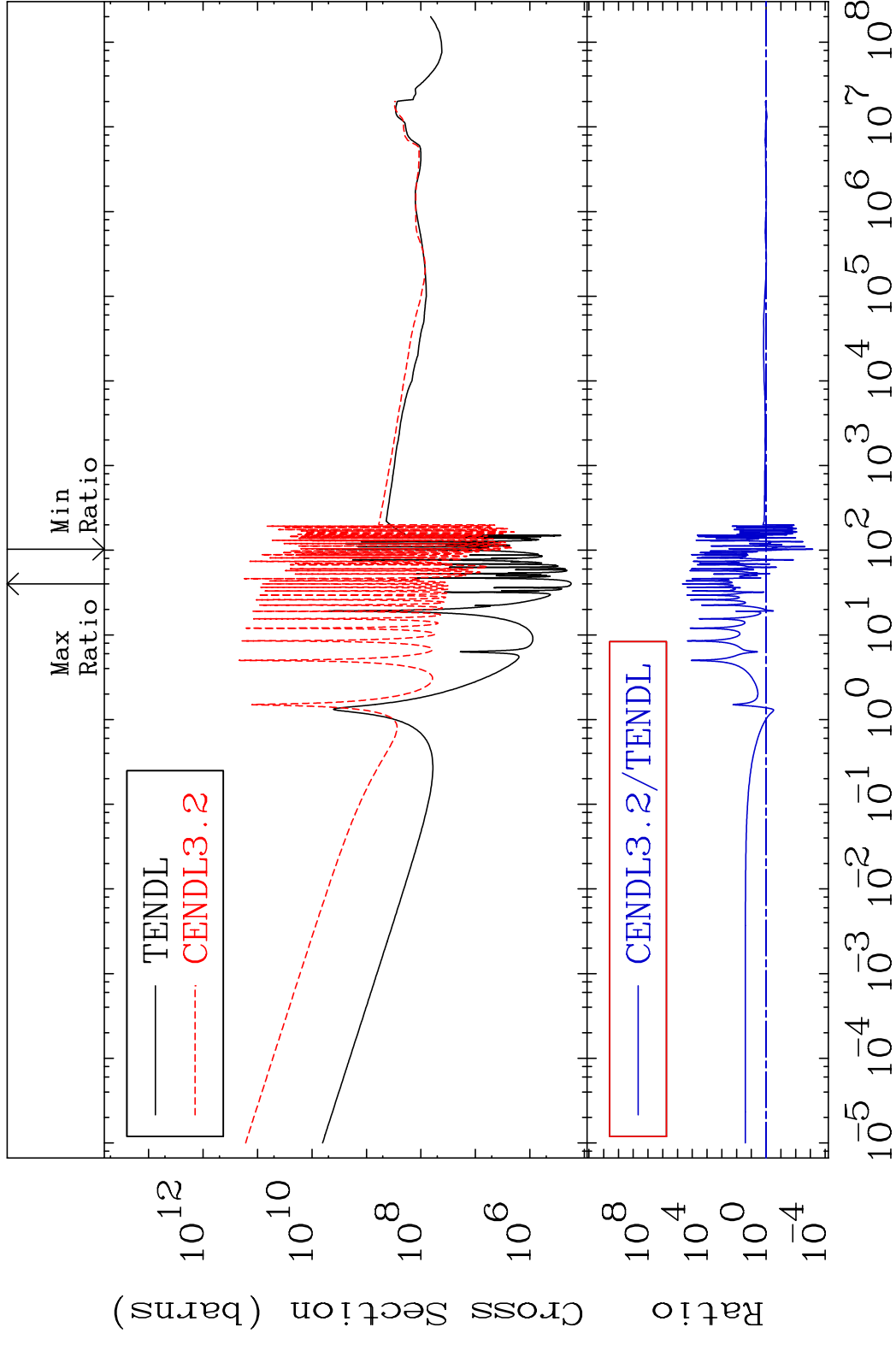
31

Incident Energy (eV)

92-U -237



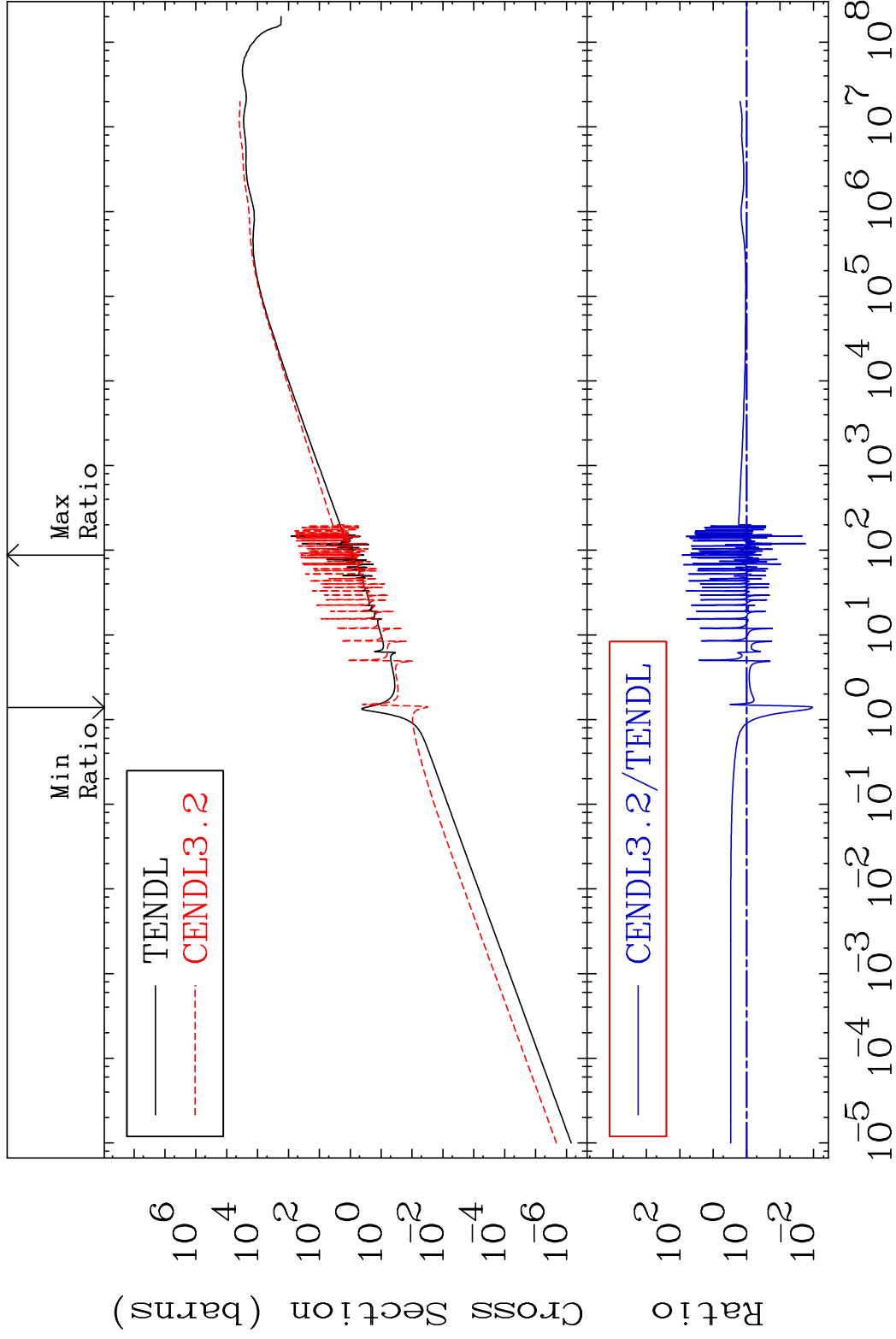
MAT 9234 Kerma total (eV-barns) 92-U -237  
 Cross Section -99.93 To 9999. %



MAT 9234

Kerma elastic  
Cross Section

92-U -237  
-98.94 To 8301. %

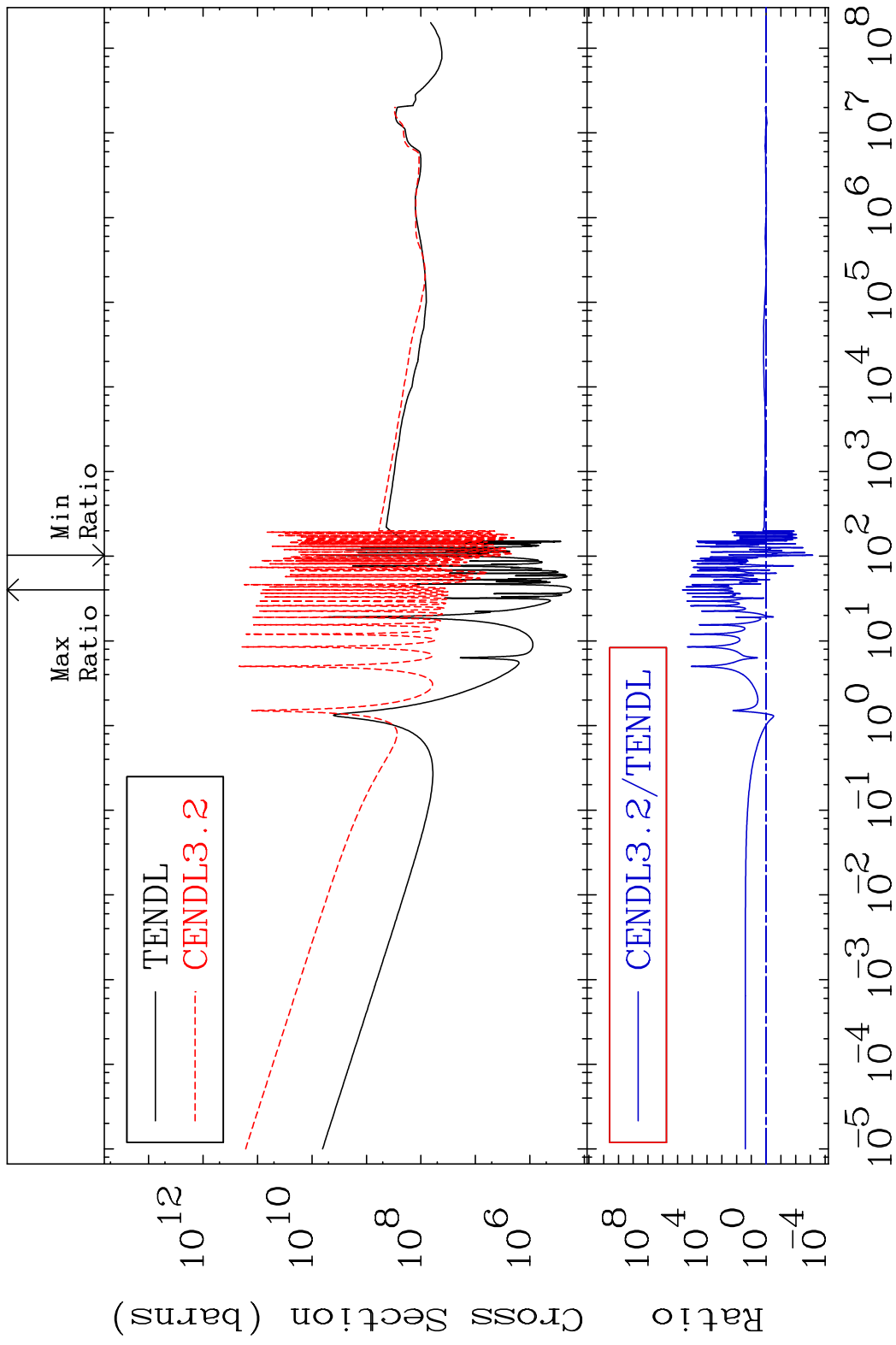


33

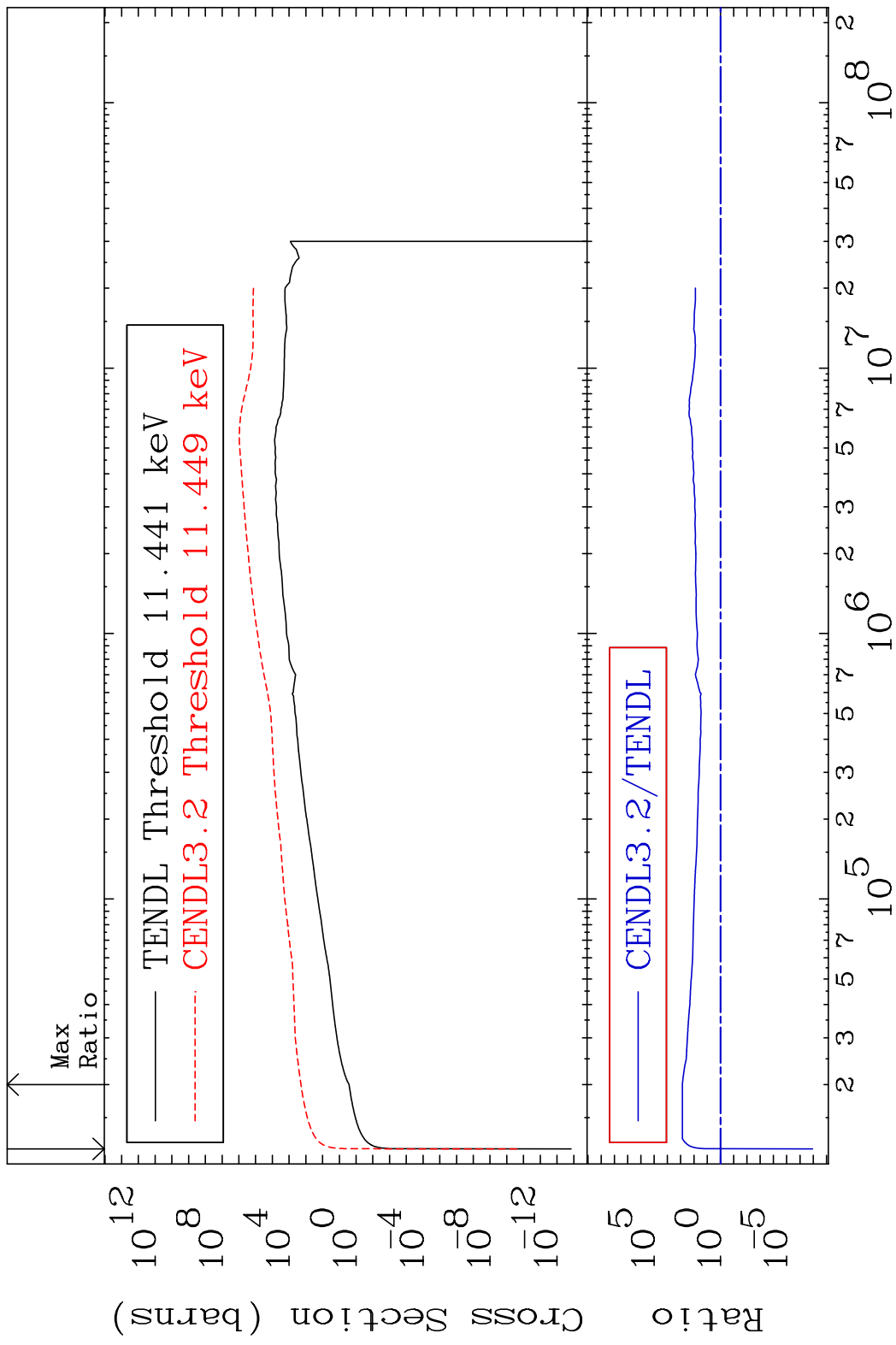
Incident Energy (eV)

92-U -237

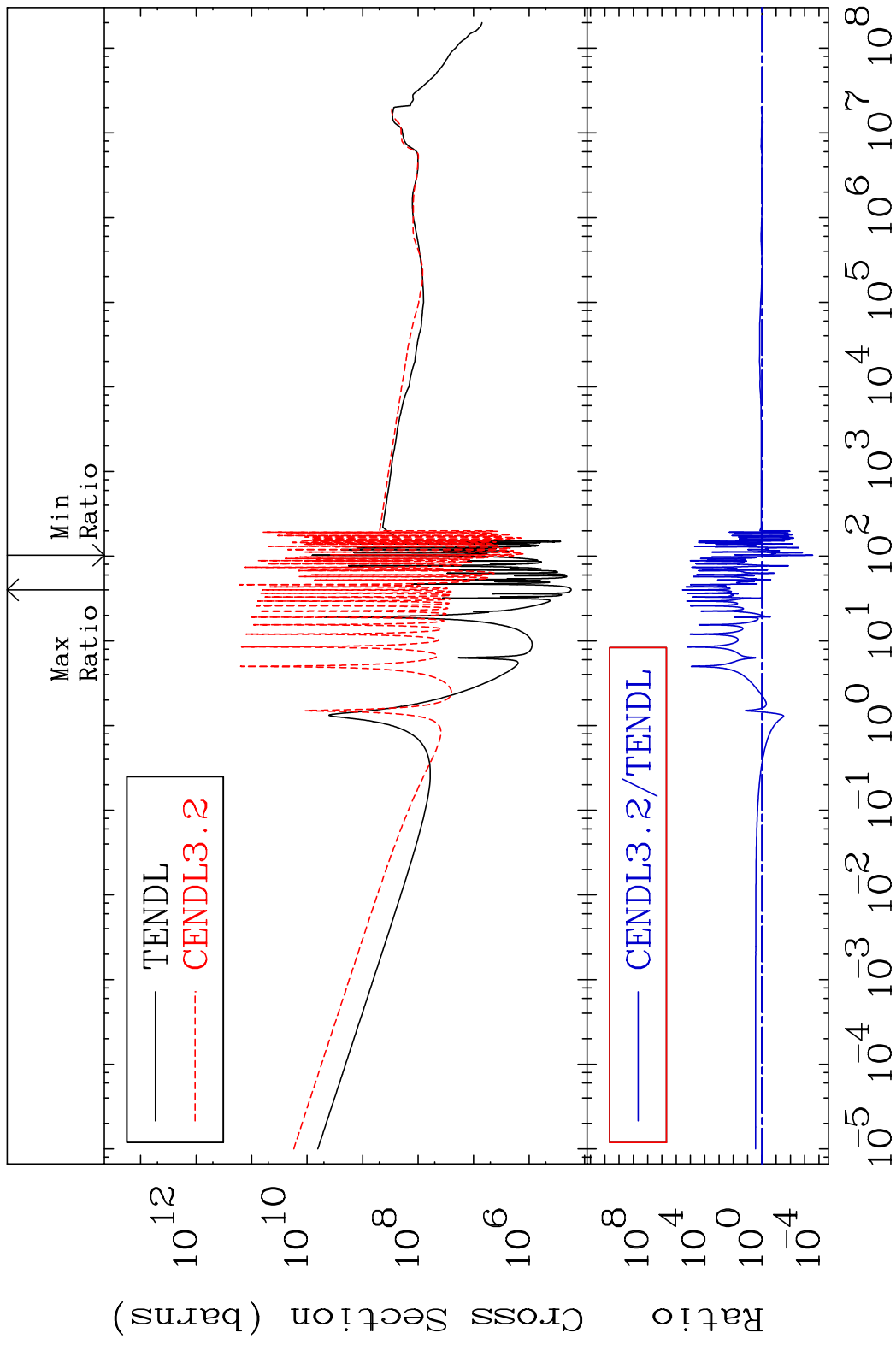
MAT 9234 Kerma non-elastic (all but mt2) 92-U -237  
 Cross Section -99.93 To 9999. %



MAT 9234 Kerma inelastic (mt51-91) 92-U -237  
 Cross Section -100.0 To 9999. %

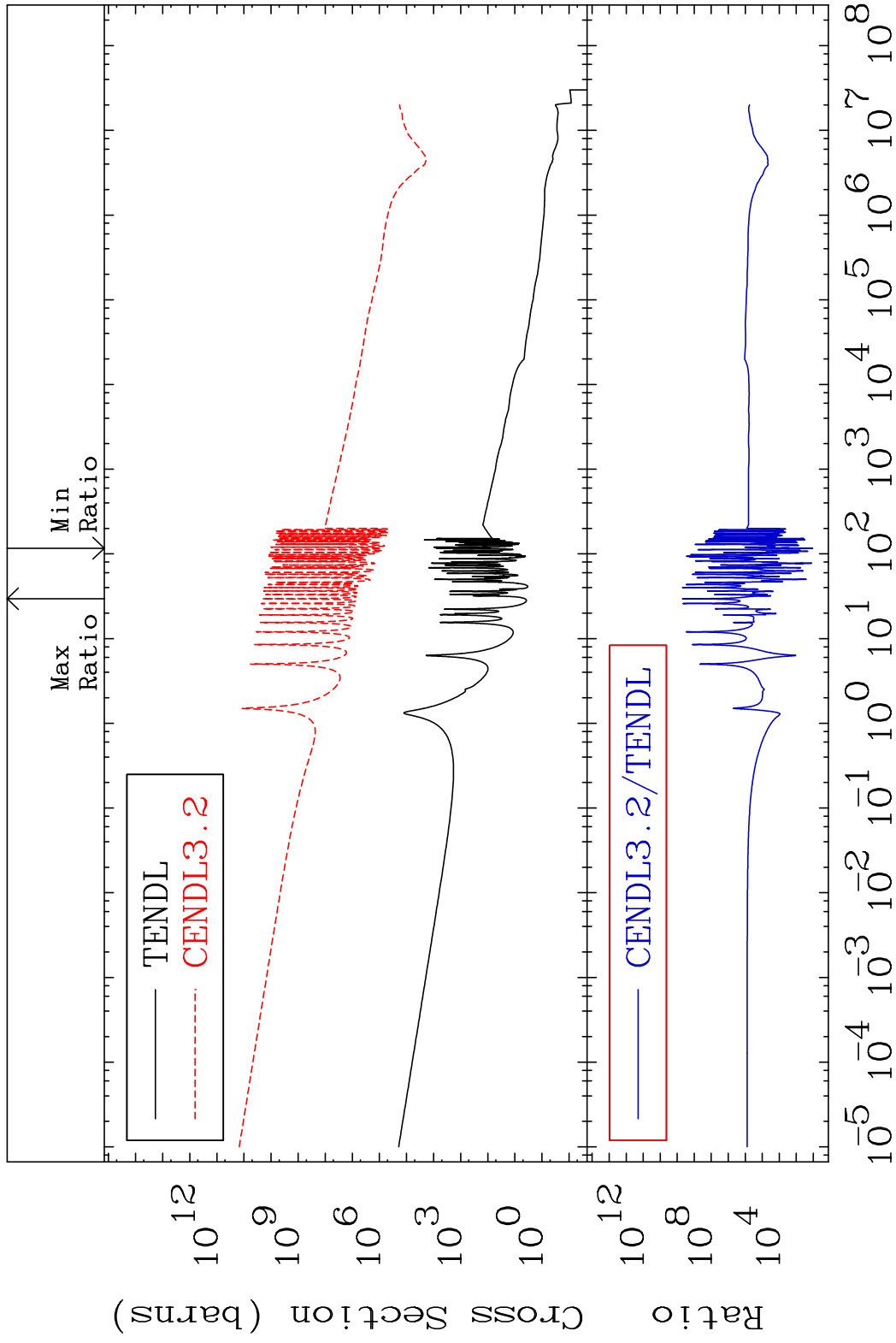


MAT 9234 Kerma fission (mt18 or mt19-20-21-38)2-U -237  
 Cross Section -99.97 To 9999. %



MAT 9234

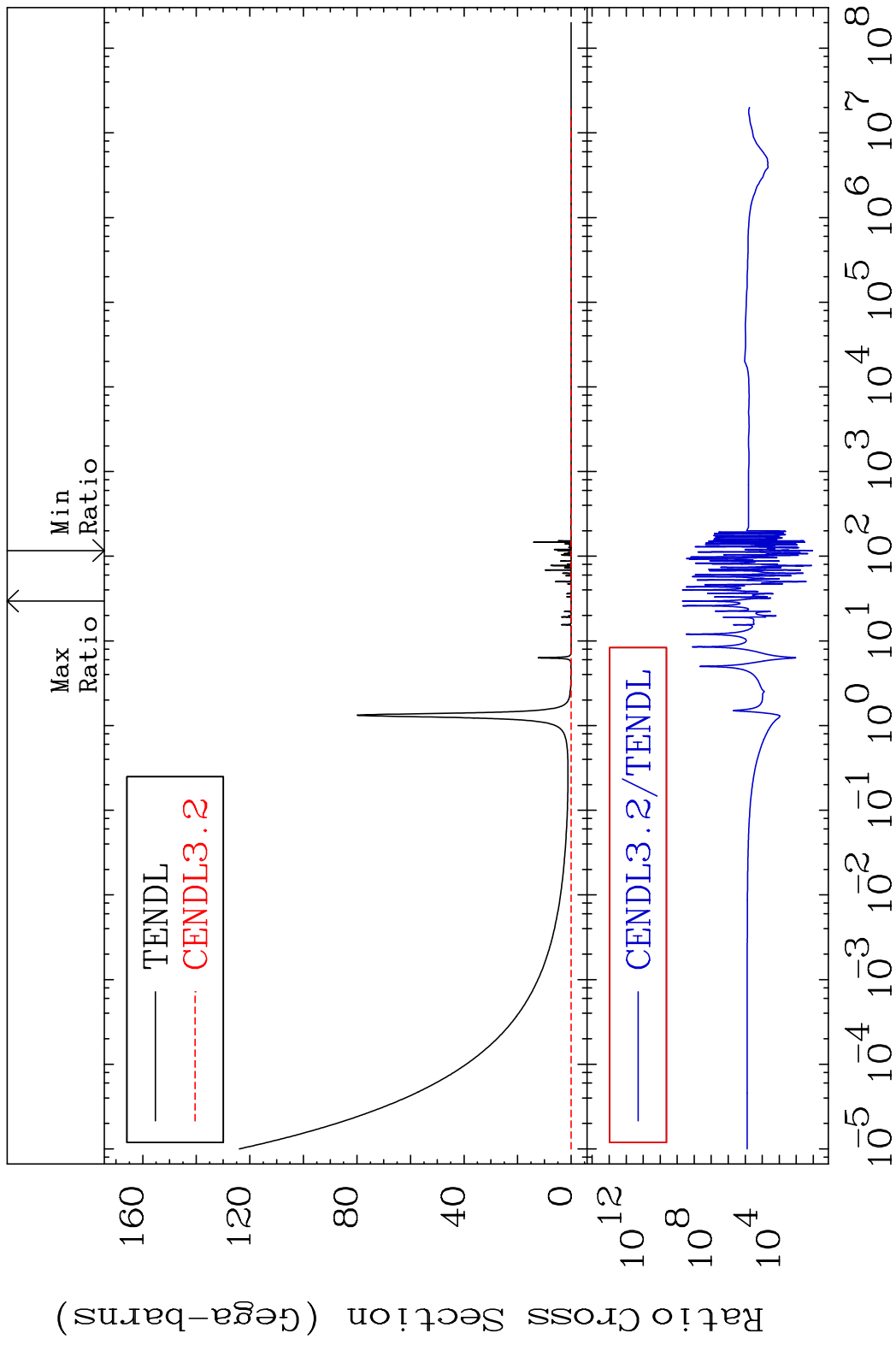
Kerma capture (mt102) 92-U -237  
Cross Section 9999. To 9999. %



37

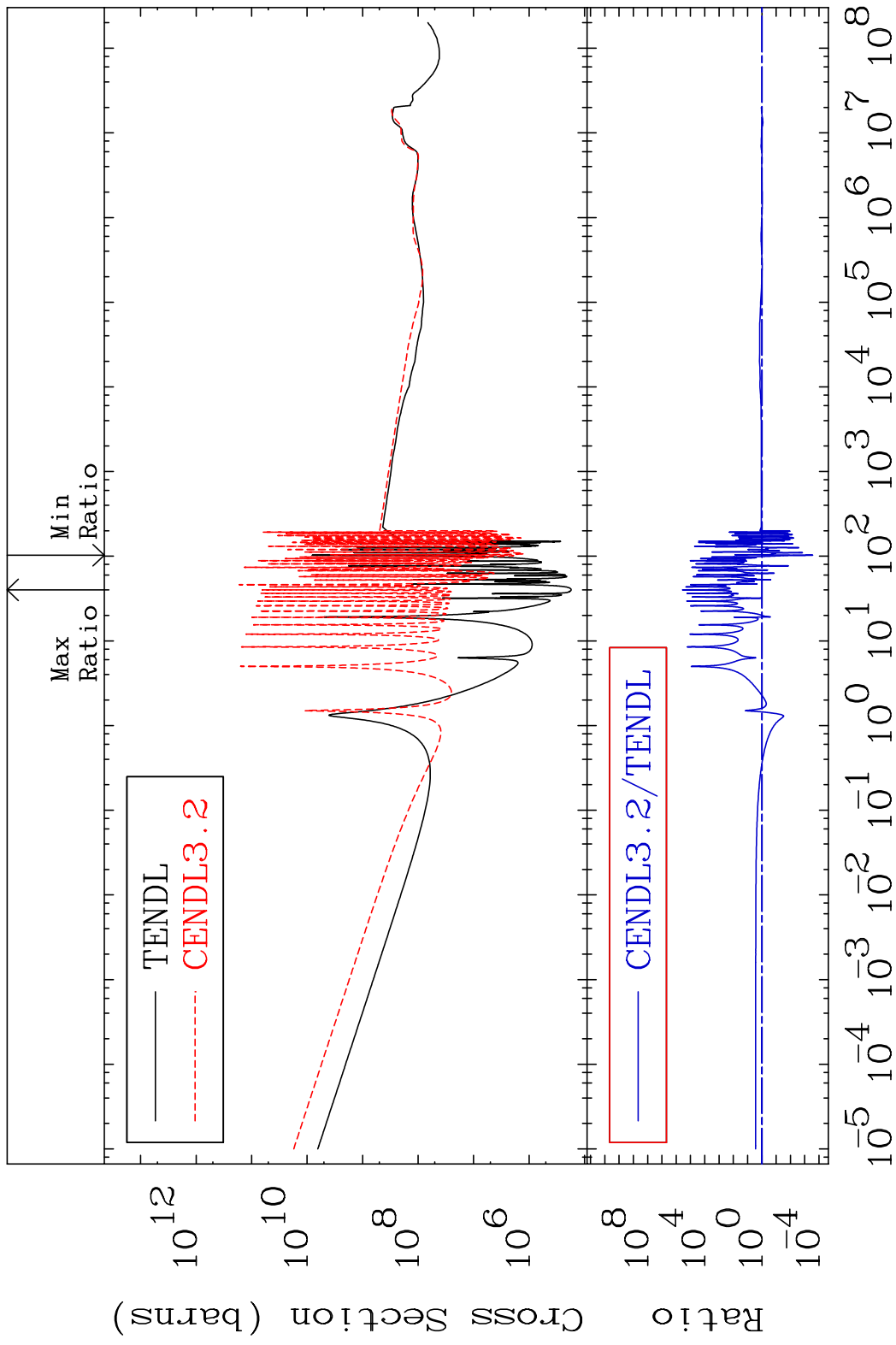
Incident Energy (eV) 92-U -237

MAT 9234 Total photon (eV-barns) 92-U -237  
 Cross Section 9999. To 9999. %



38 92-U -237

MAT 9234 Total kinematic kerma (high limit) 92-U -237  
 Cross Section -99.97 To 9999. %



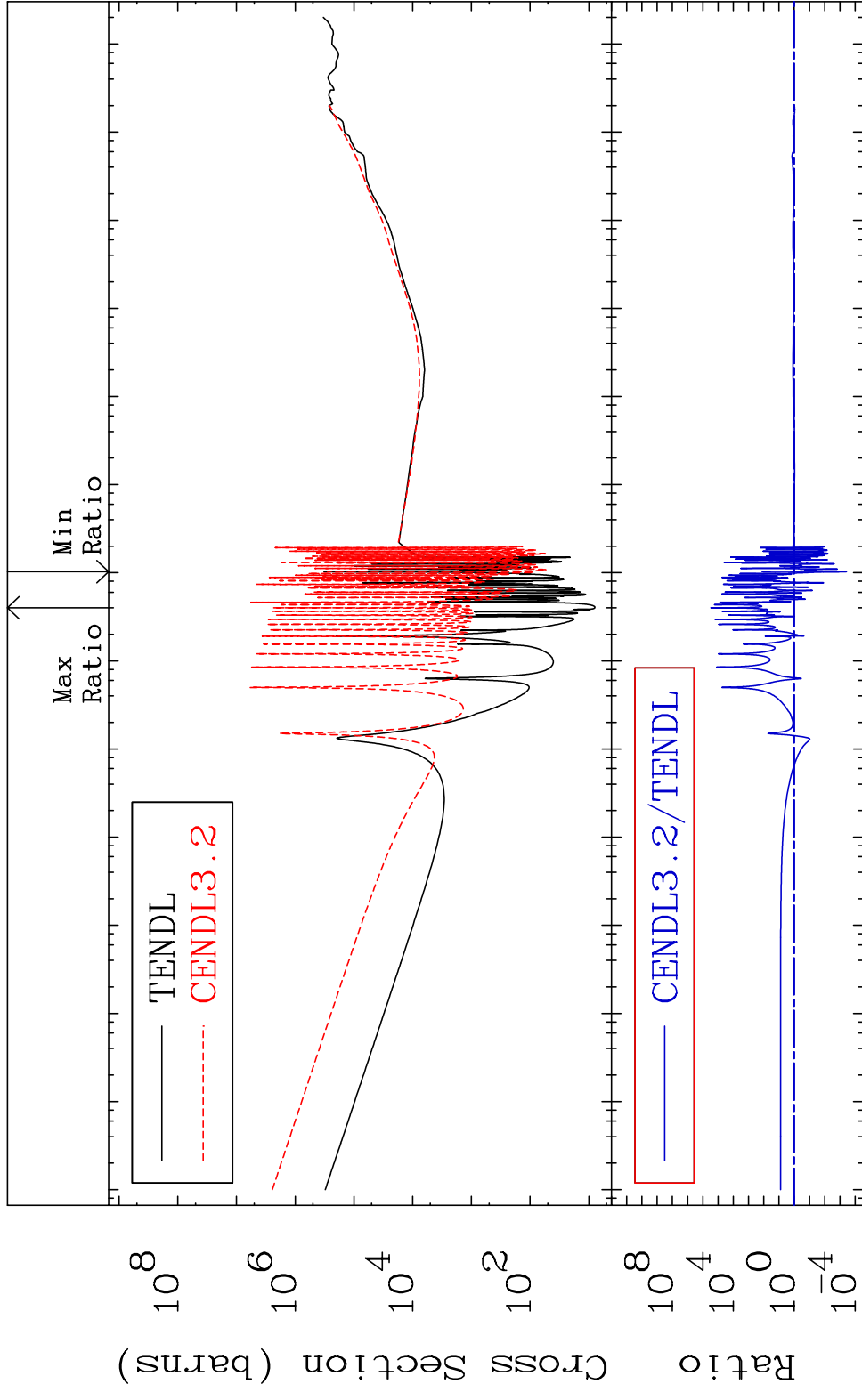


MAT 9234

Dpa total (eV-barns)

92-U -237

Cross Section -99.96 To 9999. %

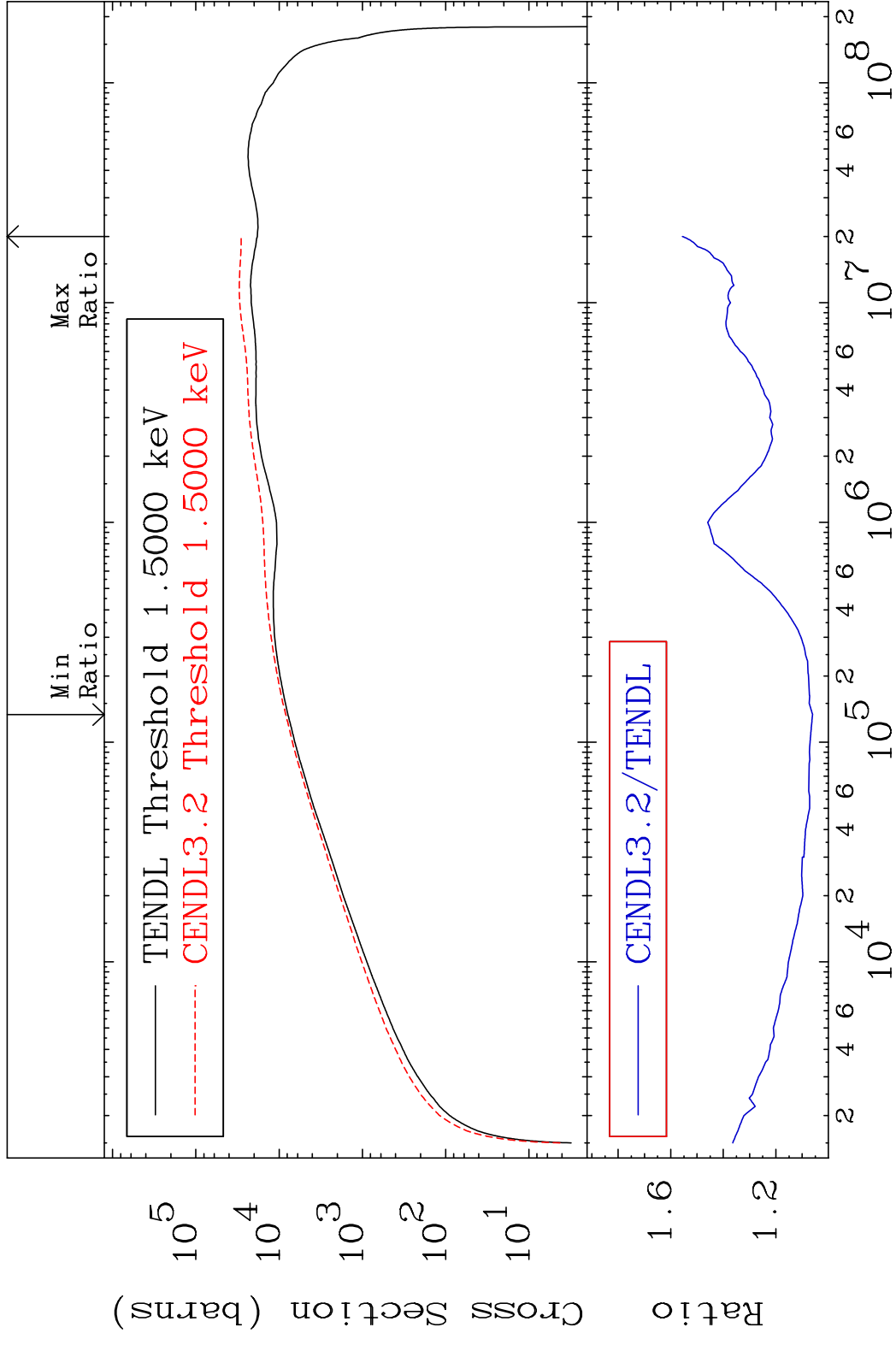


40

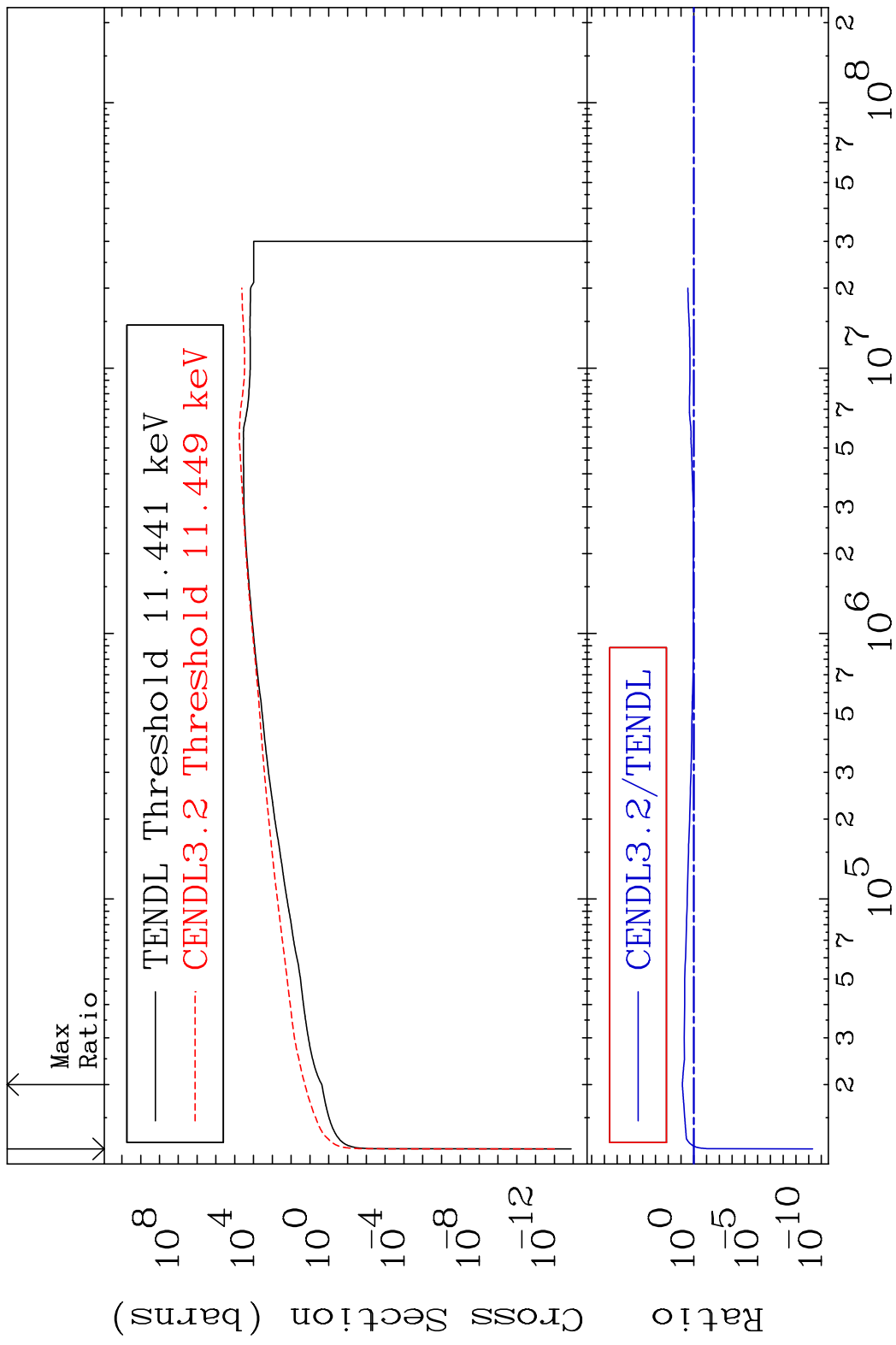
Incident Energy (eV)

92-U -237

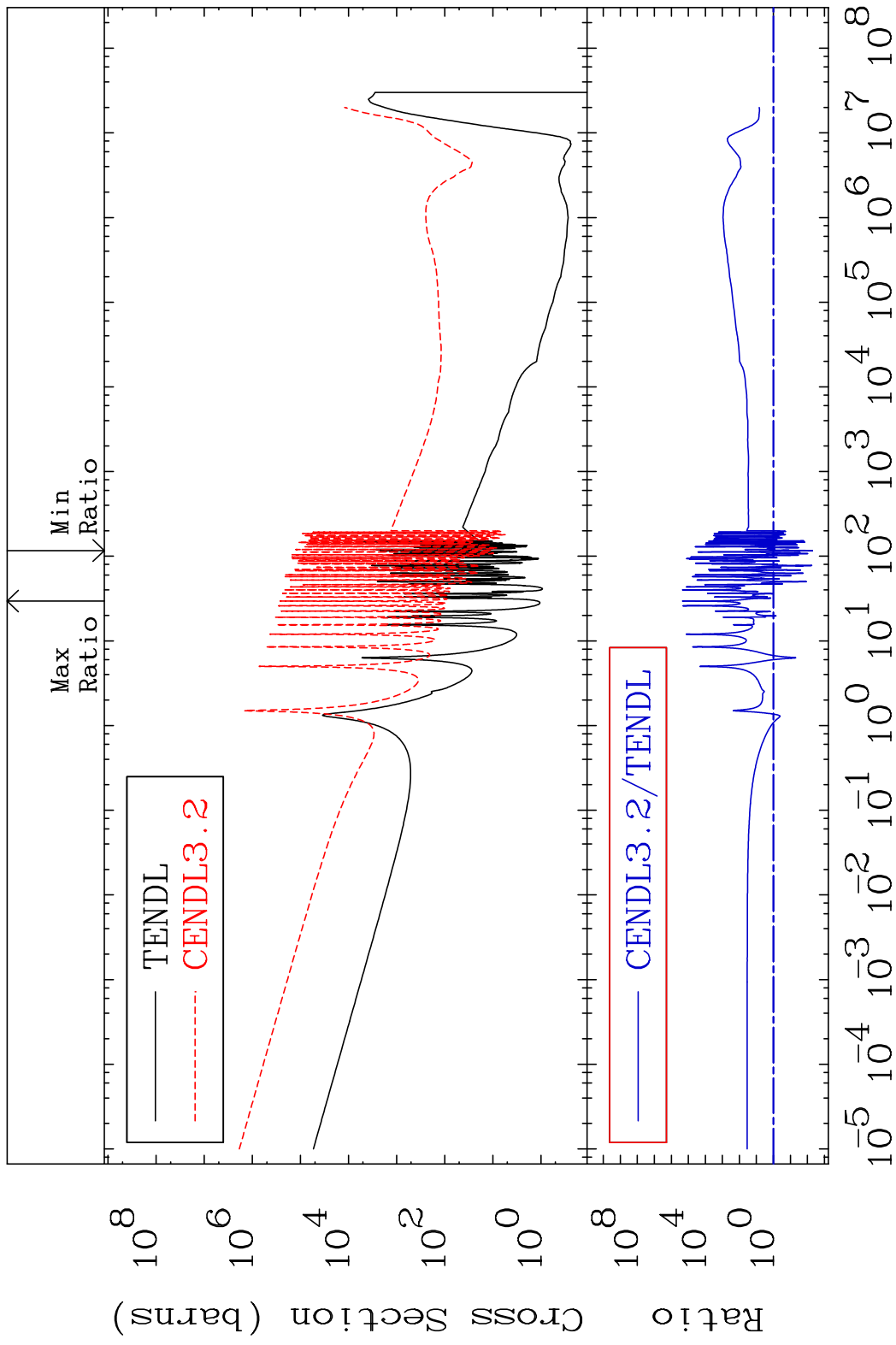
MAT 9234      Dpa elastic (mt2)      92-U -237  
 Cross Section      6.052      To 55.58 %



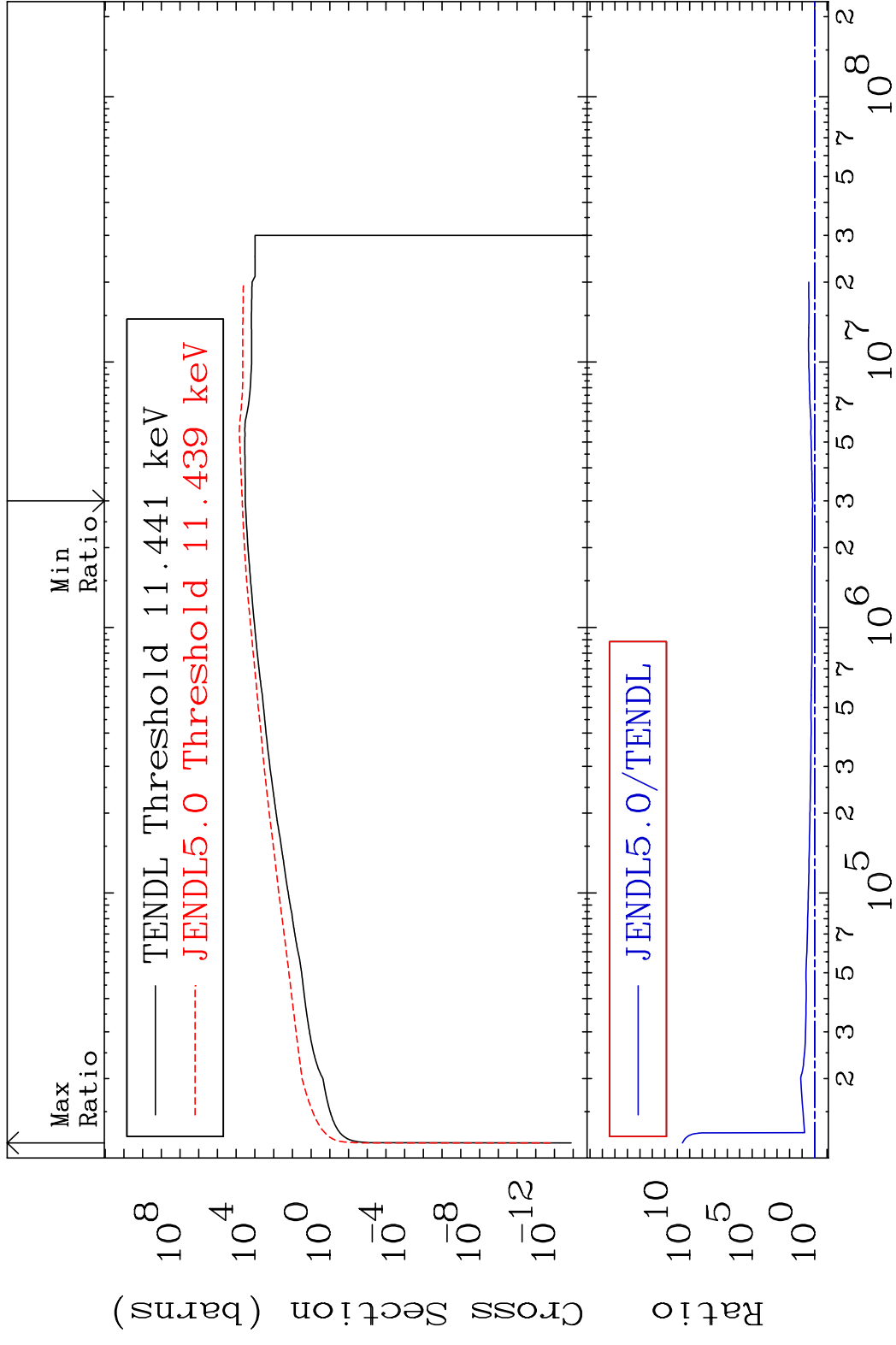
MAT 9234      Dpa inelastic (mt51-91)      92-U -237  
 Cross Section      -100.0 To 686.0 %



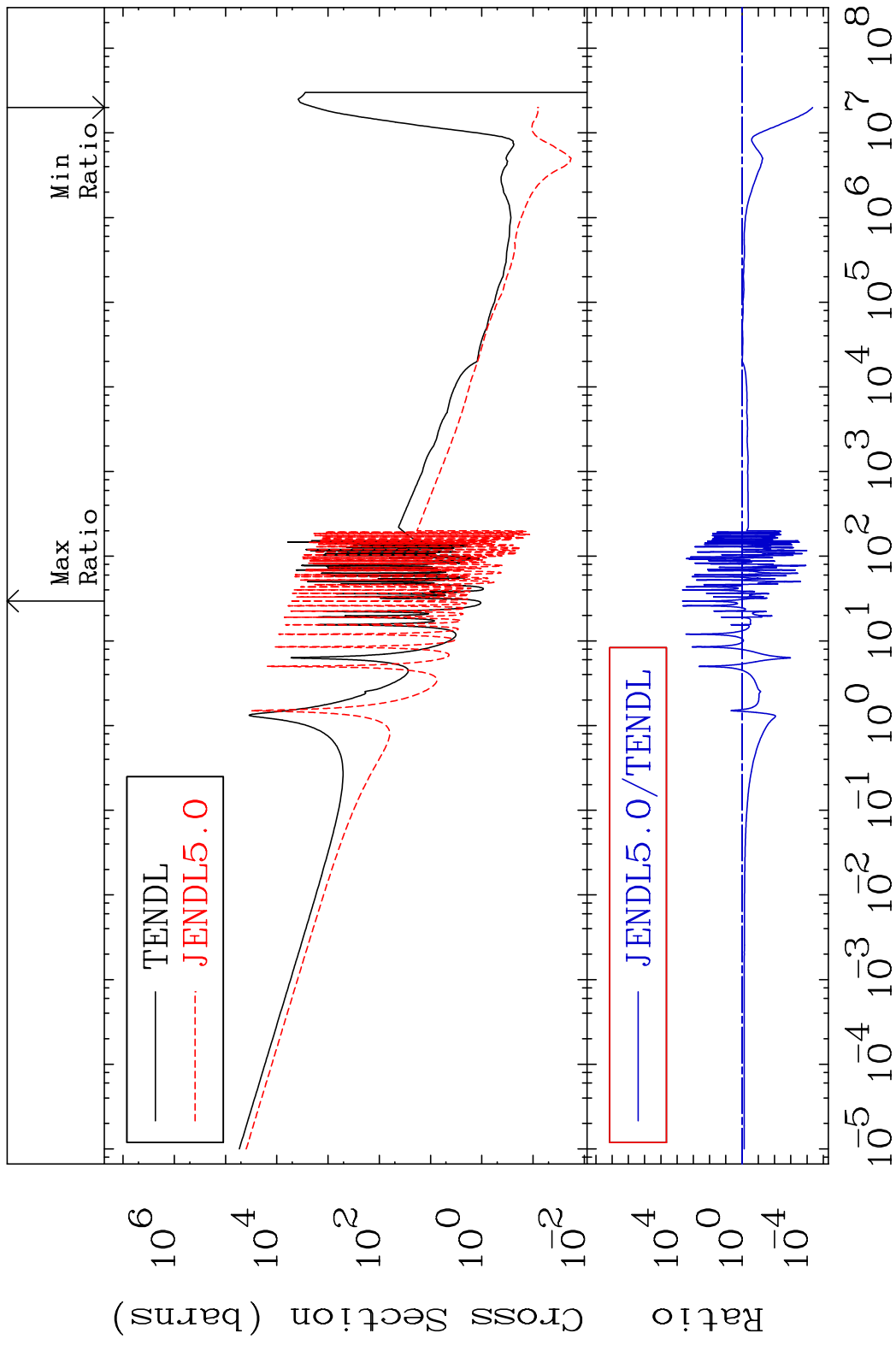
MAT 9234 Dpa disappearance (mt102 -120) 92-U -237  
 Cross Section -99.50 To 9999. %



MAT 9234      Dpa inelastic (mt51-91)      92-U -237  
 Cross Section    44.79    To 9999. %



MAT 9234 Dpa disappearance (mt102 -120) 92-U -237  
 Cross Section -100.0 To 9999. %



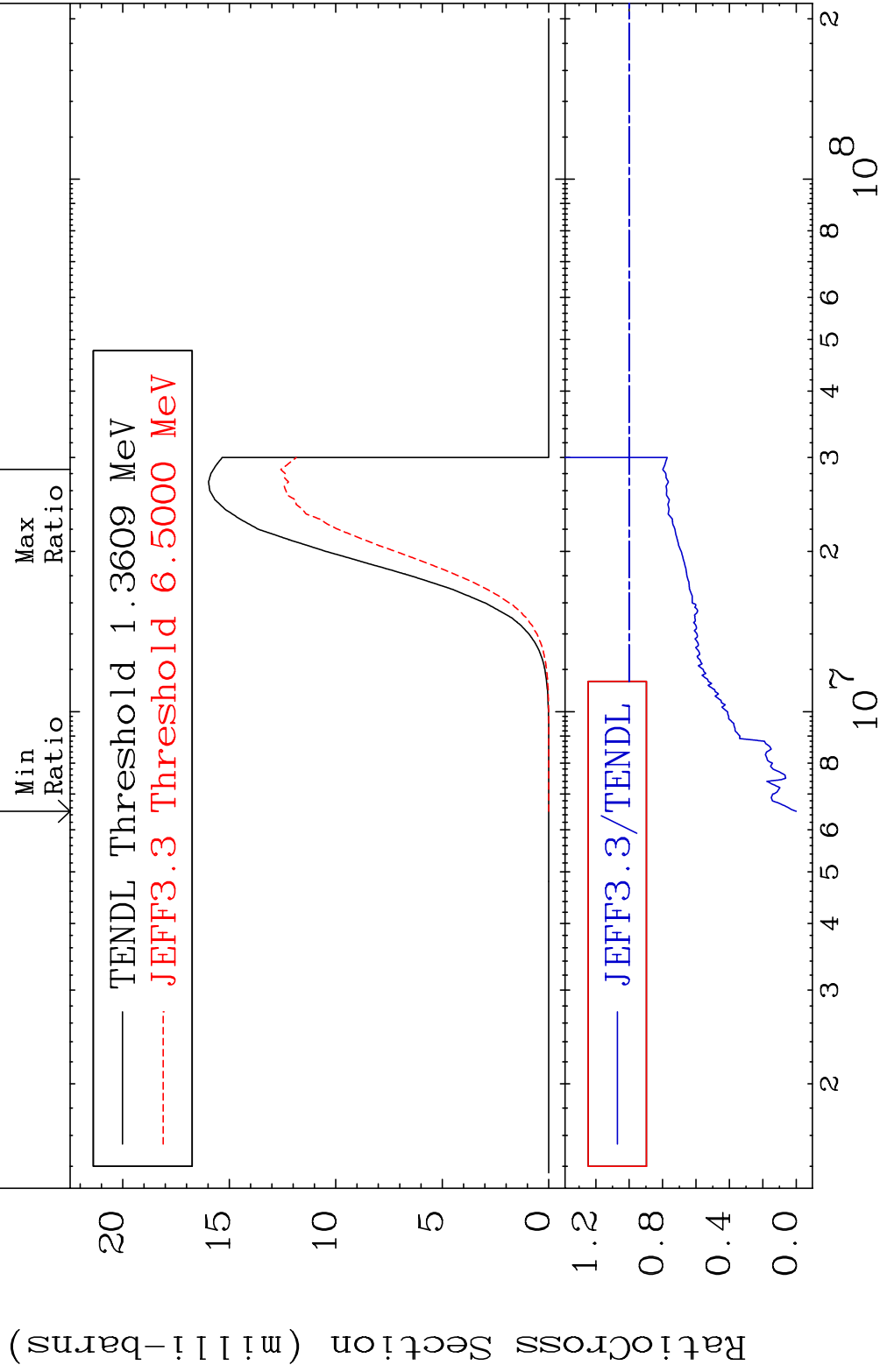
45 Incident Energy (eV) 92-U -237

MAT 9234

(n,p)

92-U -237

Cross Section -100.0 To -20.08%



46

Incident Energy (eV)

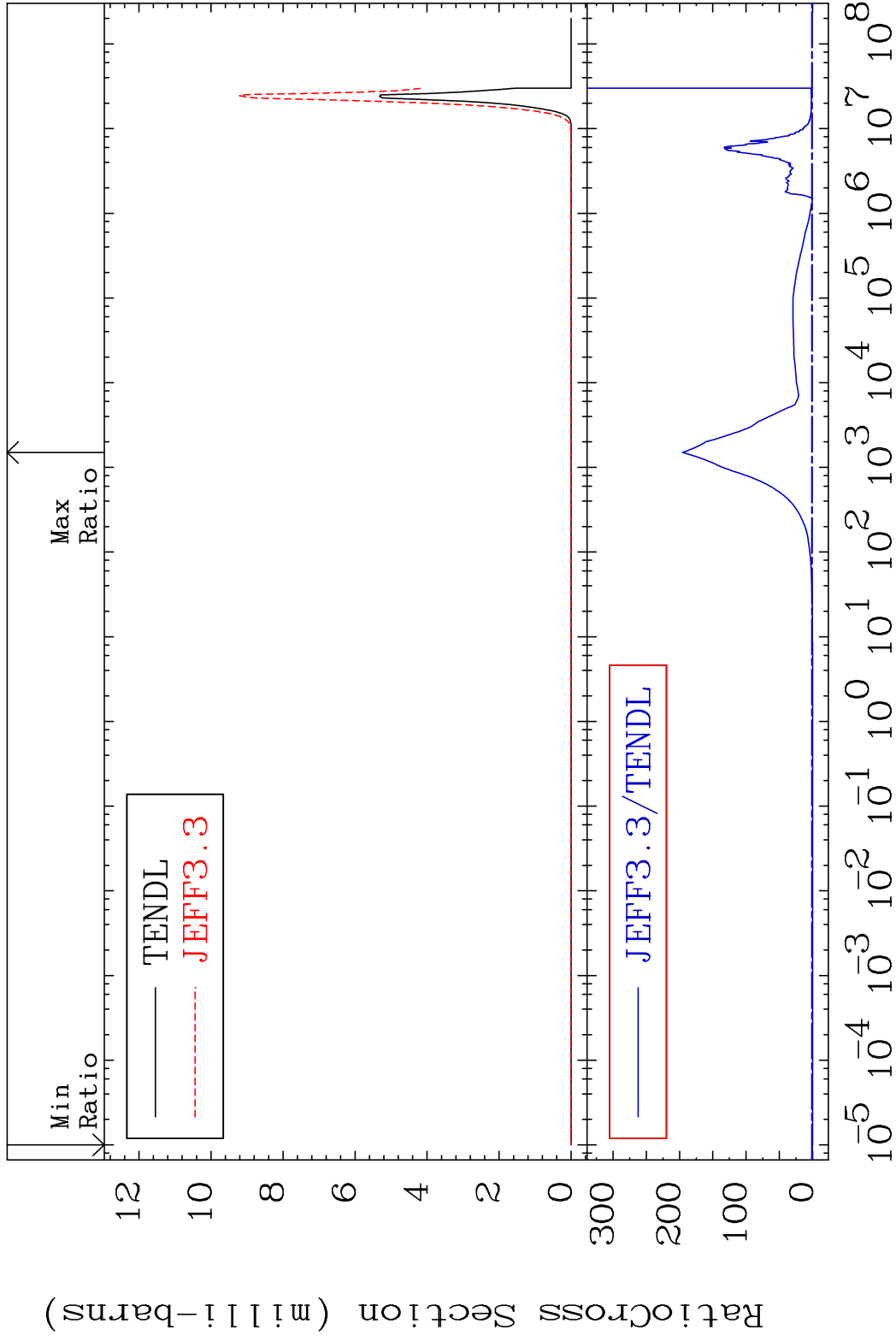
92-U -237

MAT 9234

(n,  $\alpha$ )

92-U -237

Cross Section -100.0 To 9999. %



47

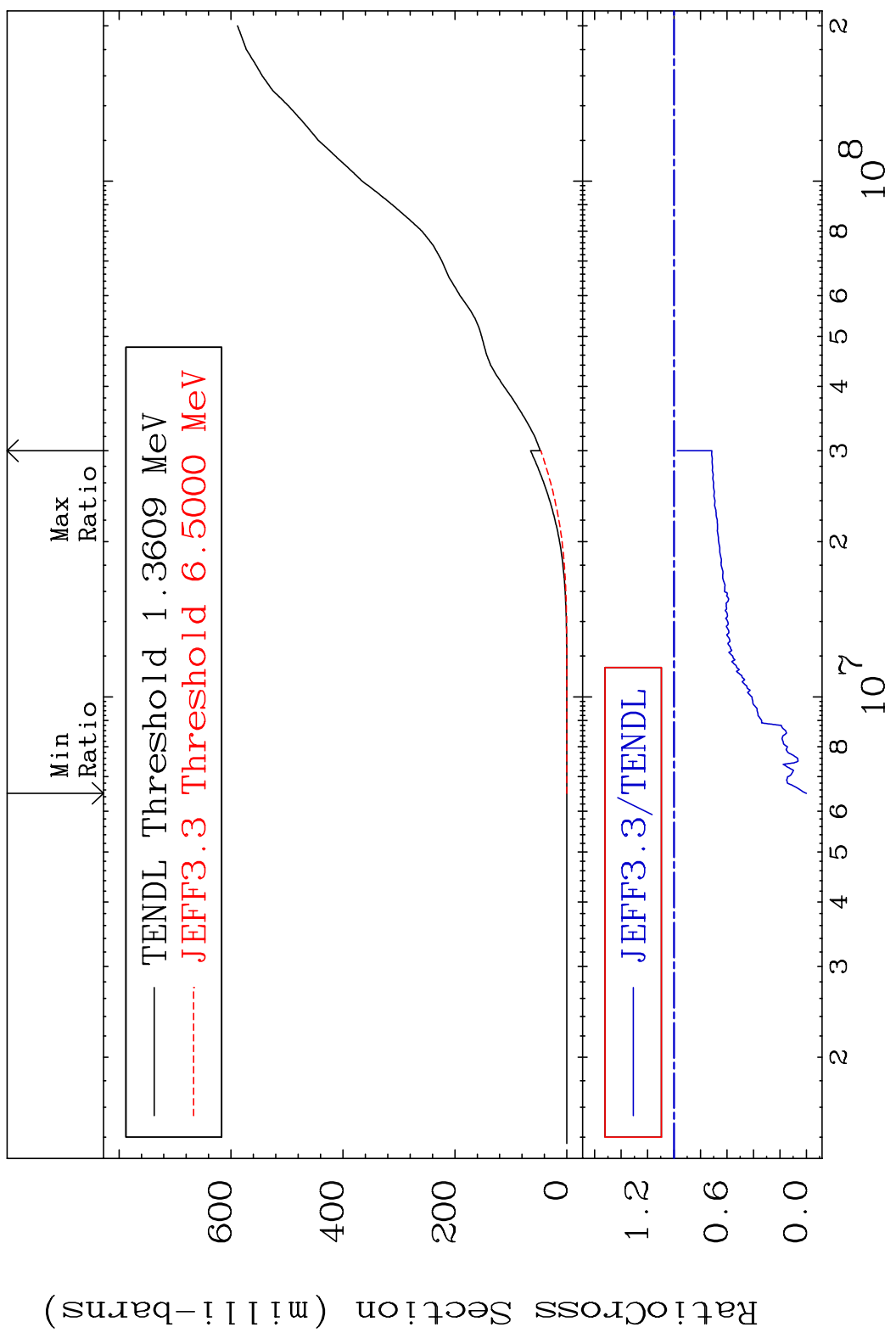
Incident Energy (eV)

92-U -237



MAT 9234

Hydrogen Production 92-U -237  
Cross Section -100.0 To -2.373%



48

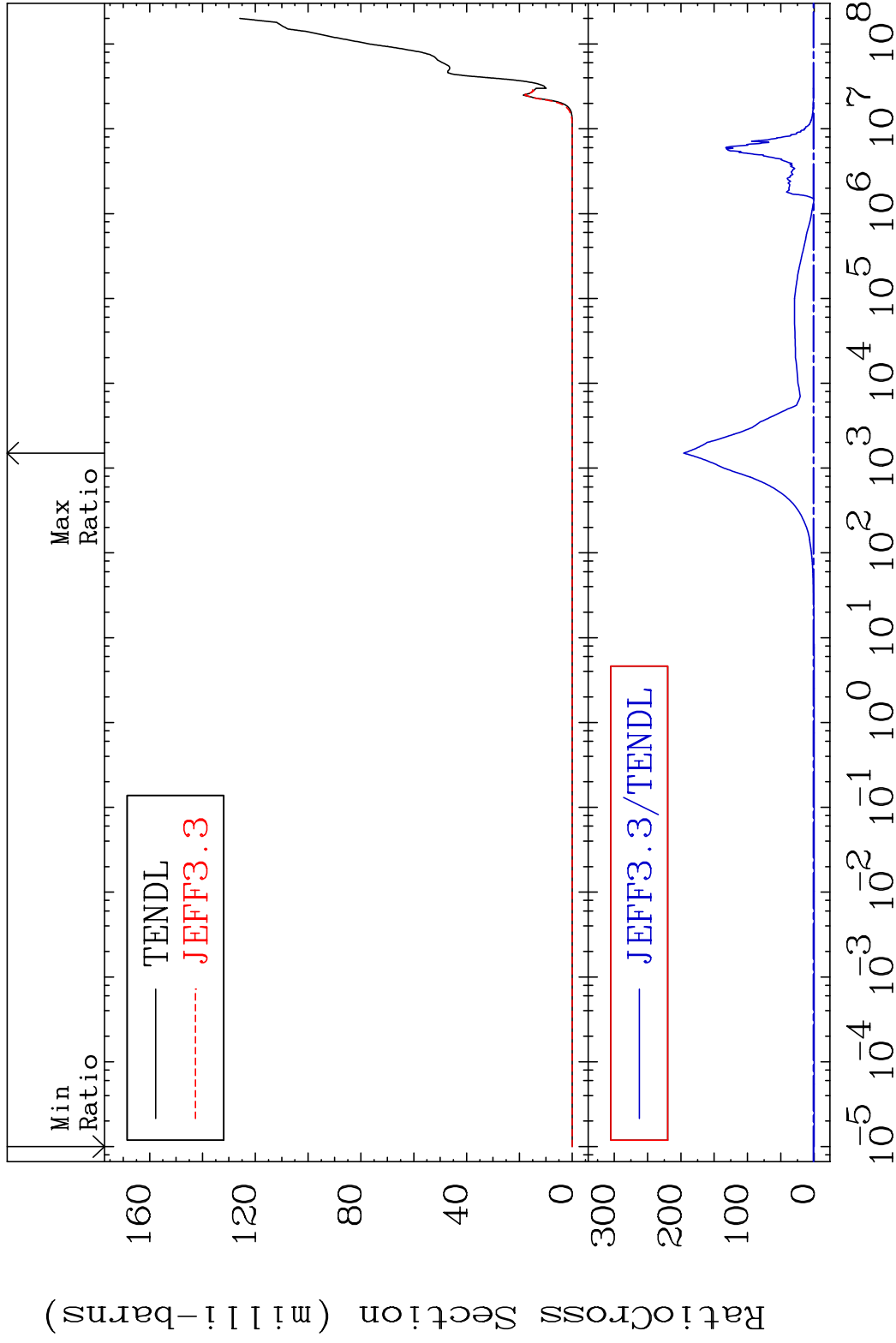
Incident Energy (eV) 92-U -237

MAT 9234

He-4 Production

92-U -237

Cross Section -100.0 To 9999. %

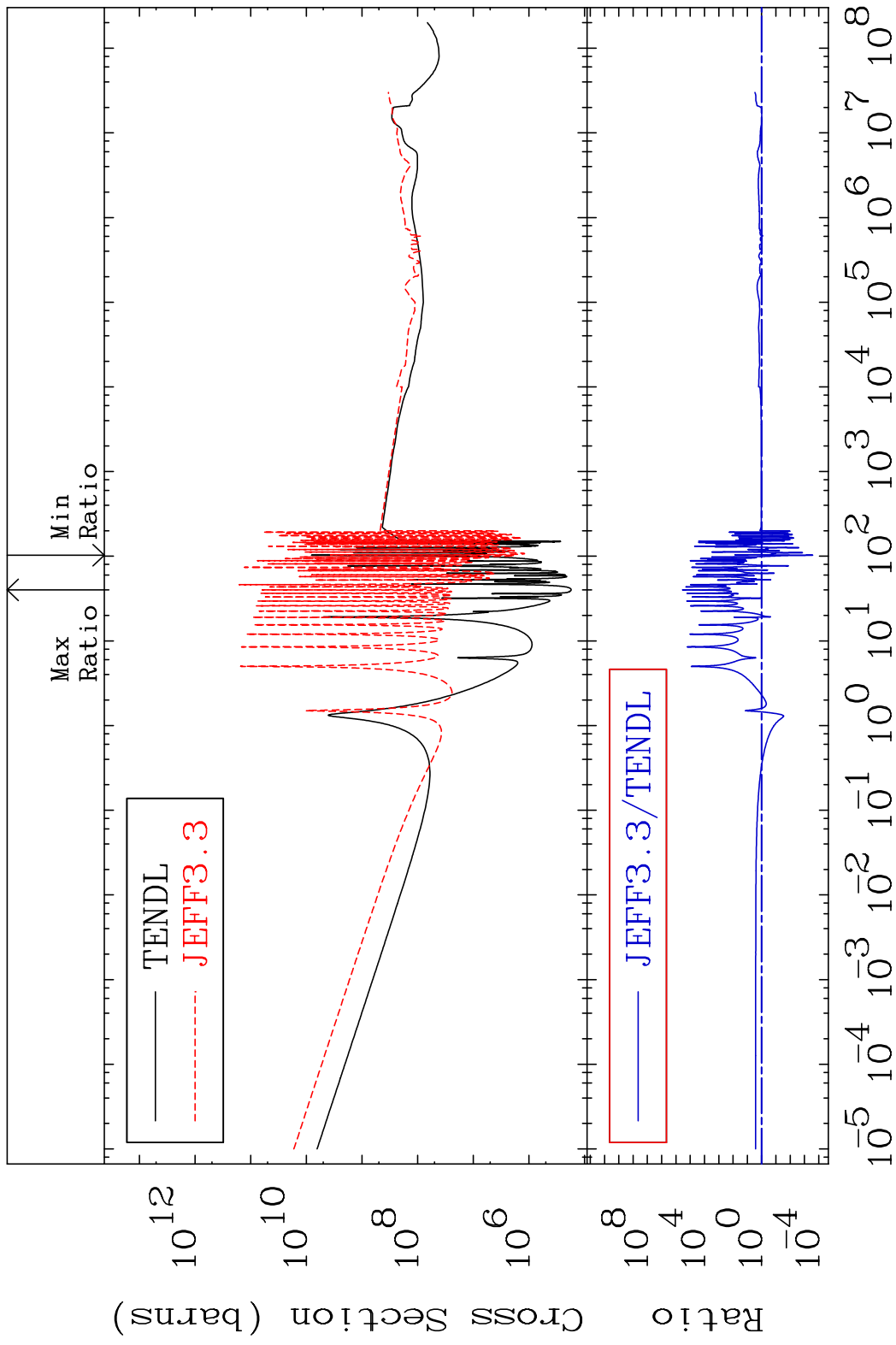


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Incident Energy (eV)

92-U -237

MAT 9234 Kerma total (eV-barns) 92-U -237  
 Cross Section -99.97 To 9999. %

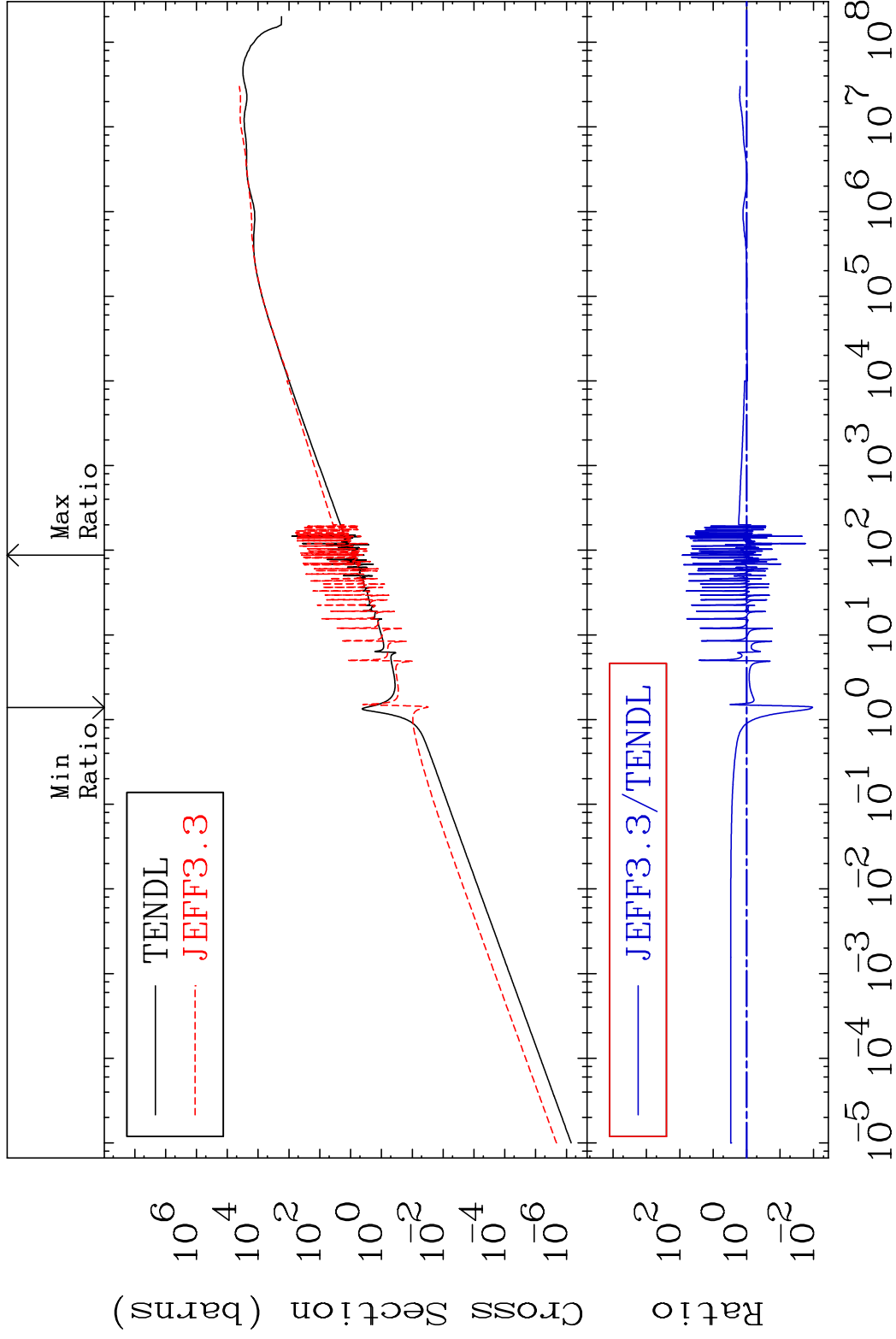


50 Incident Energy (eV) 92-U -237

MAT 9234

Kerma elastic  
Cross Section

92-U -237  
-98.94 To 8301. %

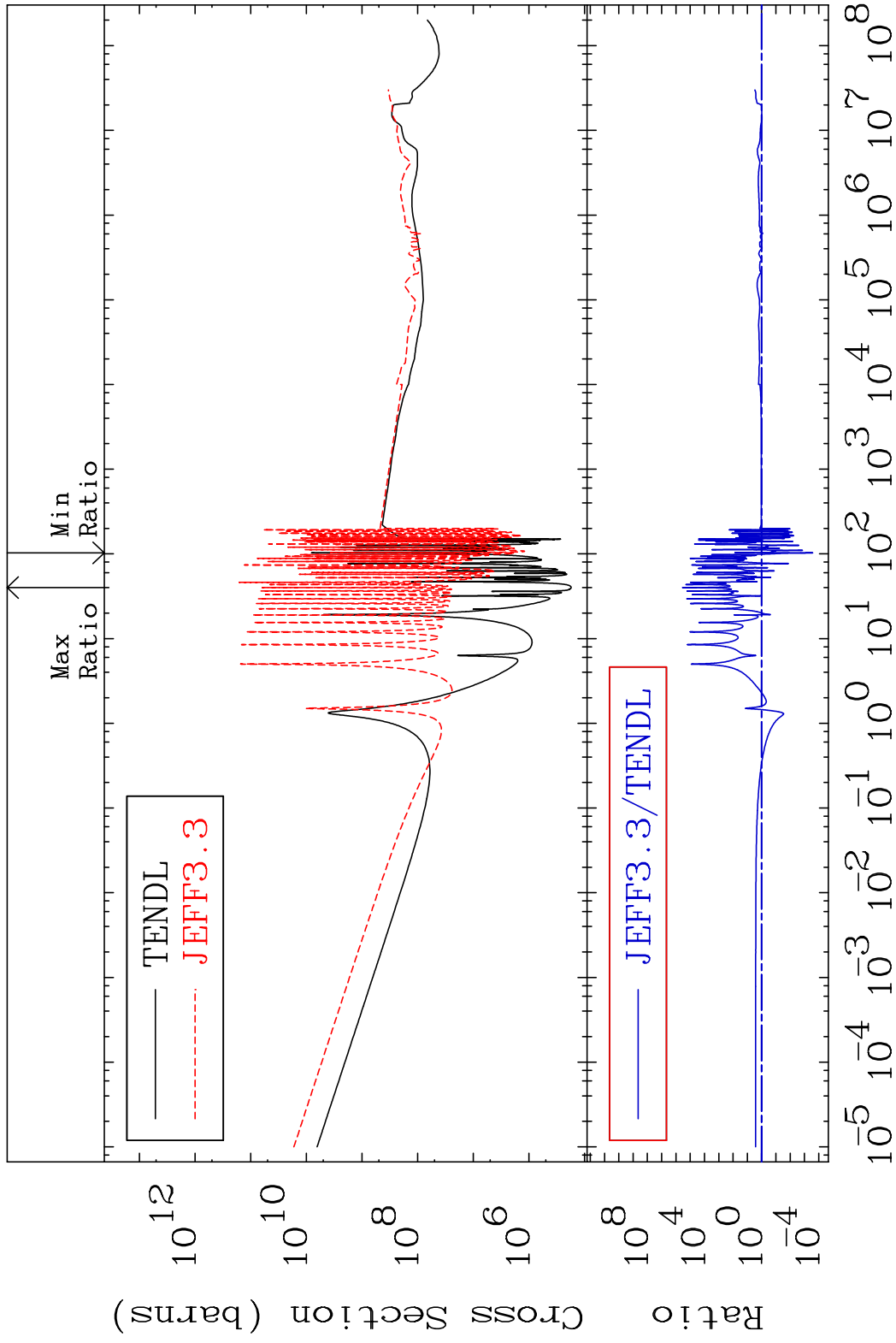


51

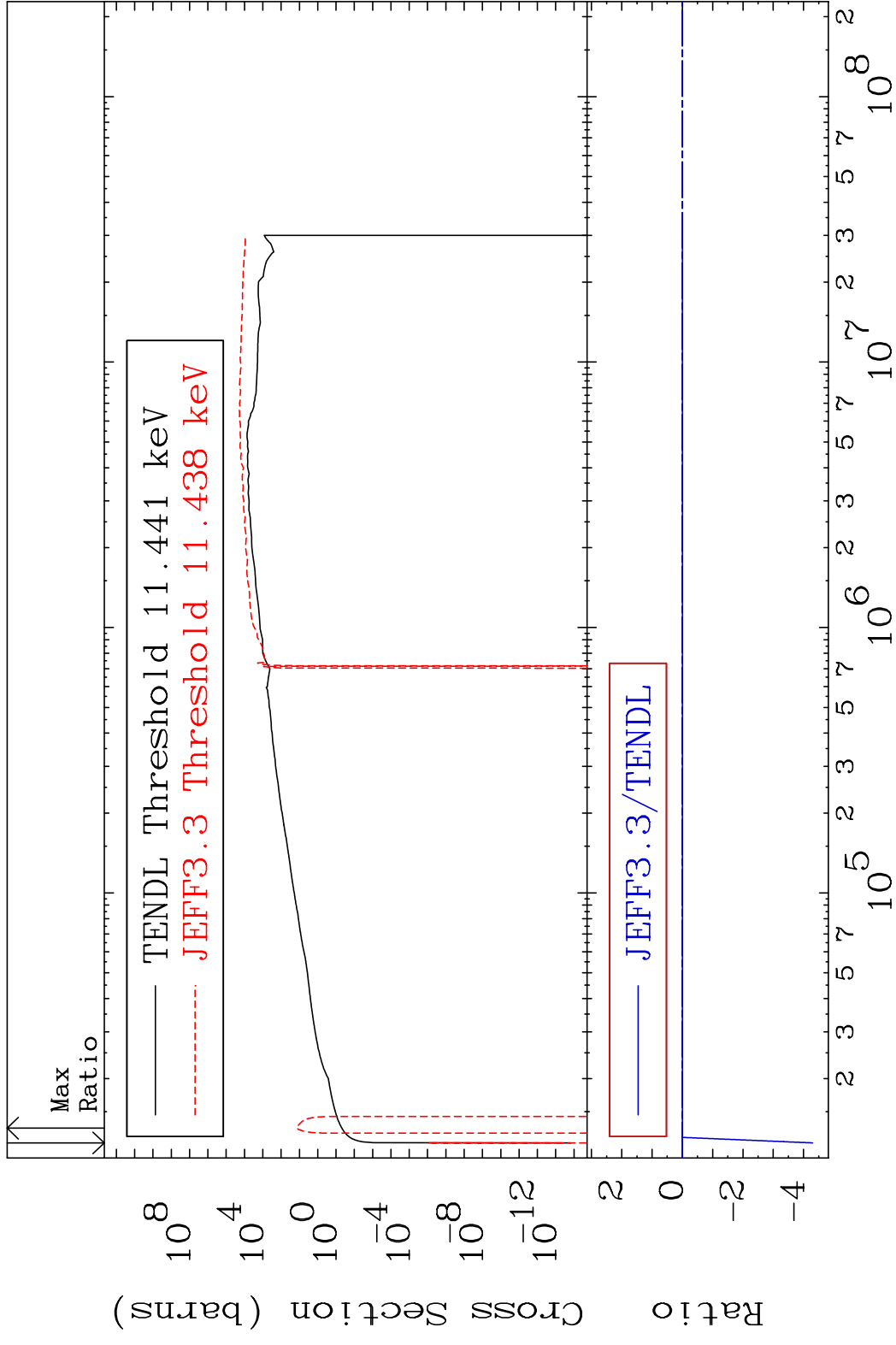
Incident Energy (eV)

92-U -237

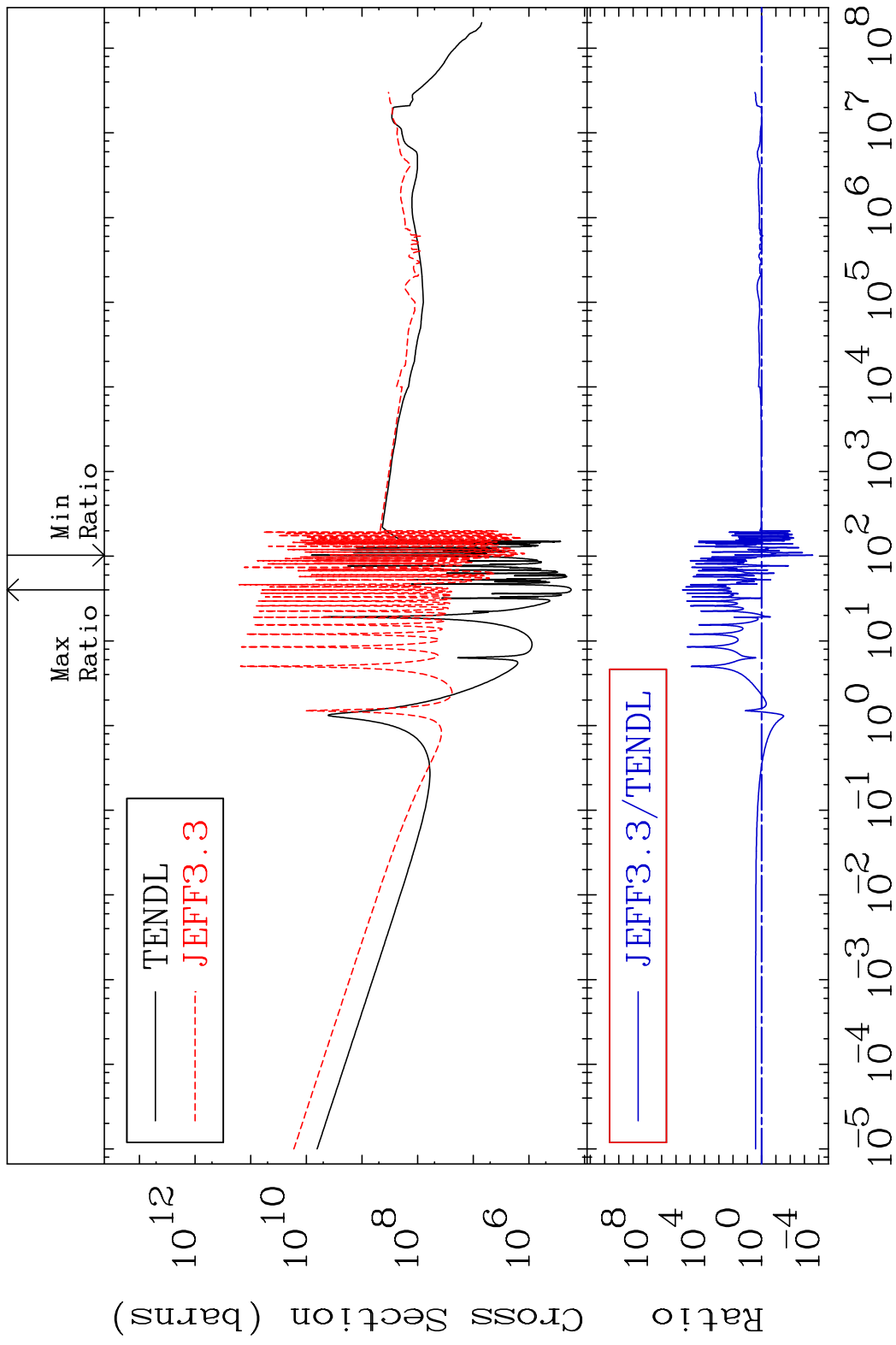
MAT 9234 Kerma non-elastic (all but mt2) 92-U -237  
 Cross Section -99.97 To 9999. %



MAT 9234 Kerma inelastic (mt51-91) 92-U -237  
 Cross Section -9999. To 9999. %

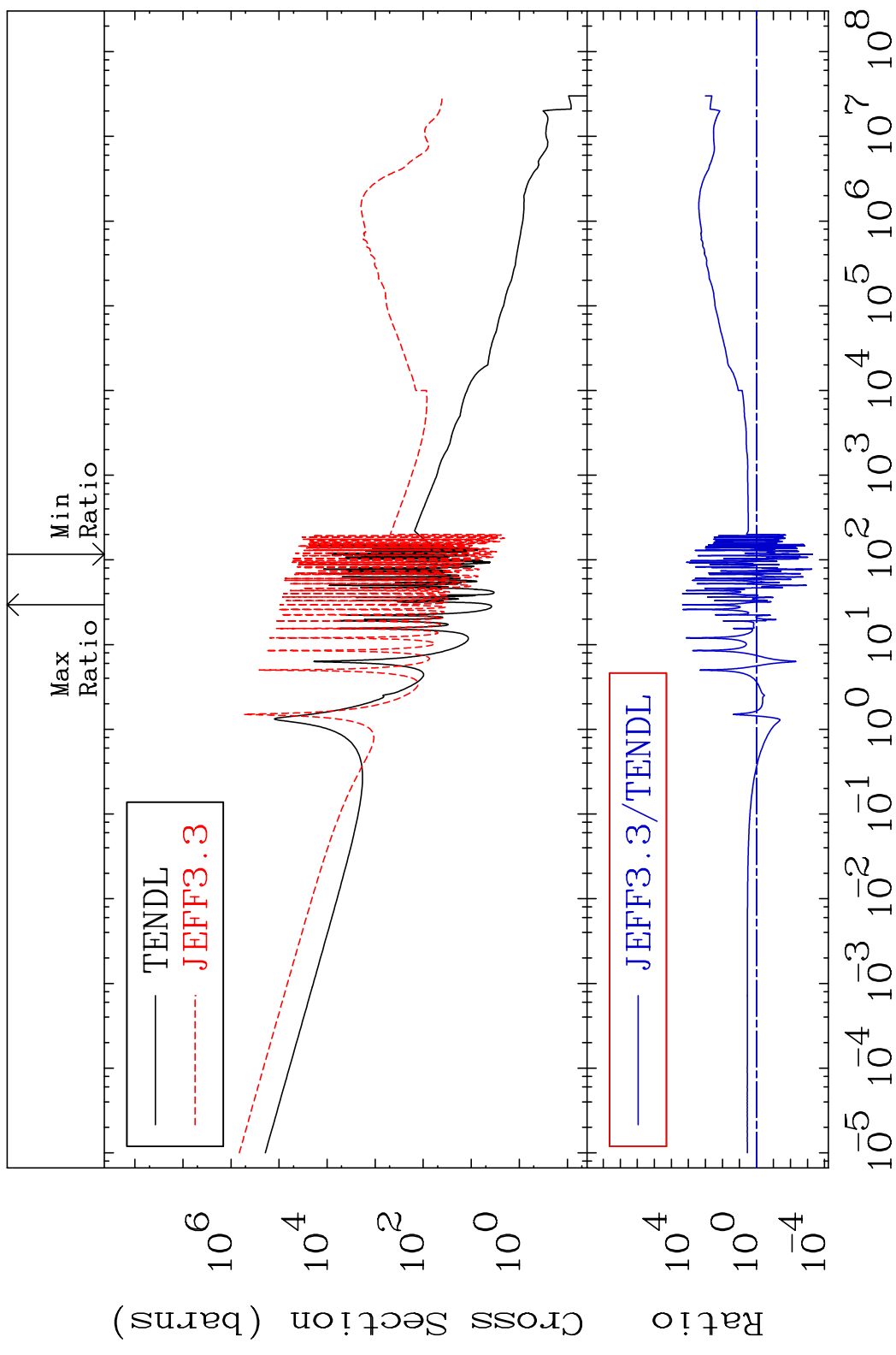


MAT 9234 Kerma fission (mt18 or mt19-20-21-38)2-U -237  
 Cross Section -99.97 To 9999. %



MAT 9234

Kerma capture (mt102) 92-U -237  
Cross Section -99.95 To 9999. %

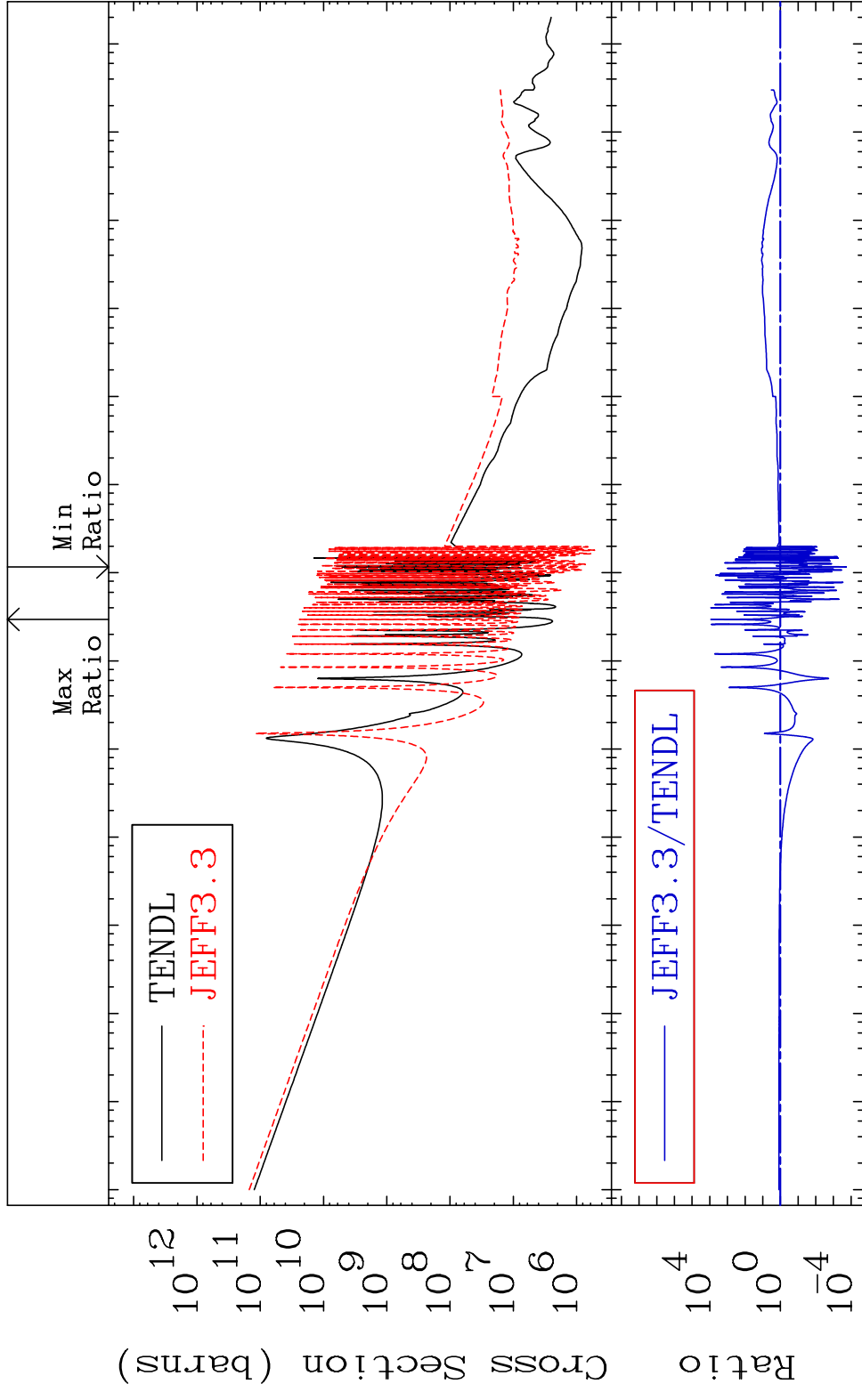


55

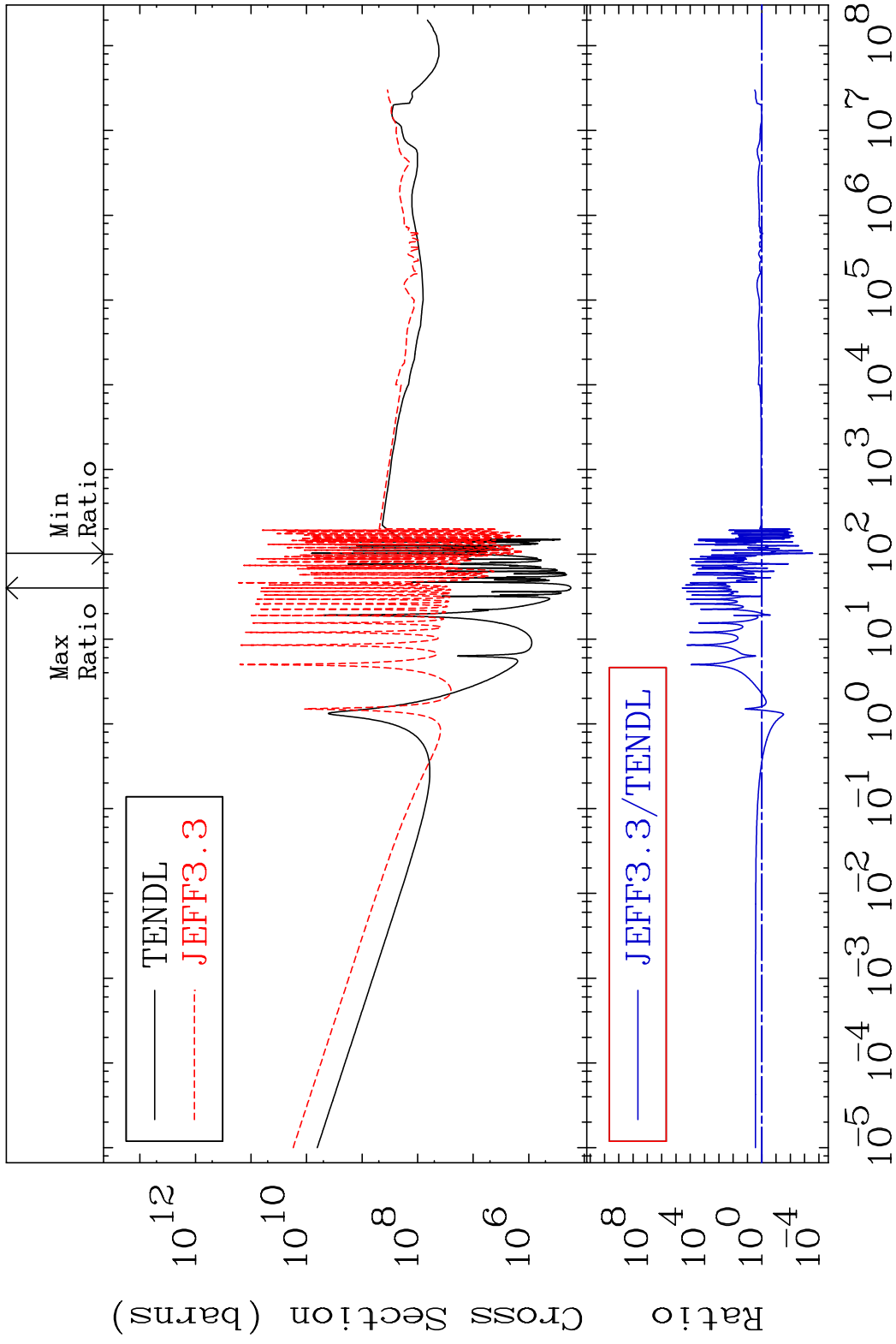
Incident Energy (eV) 92-U -237



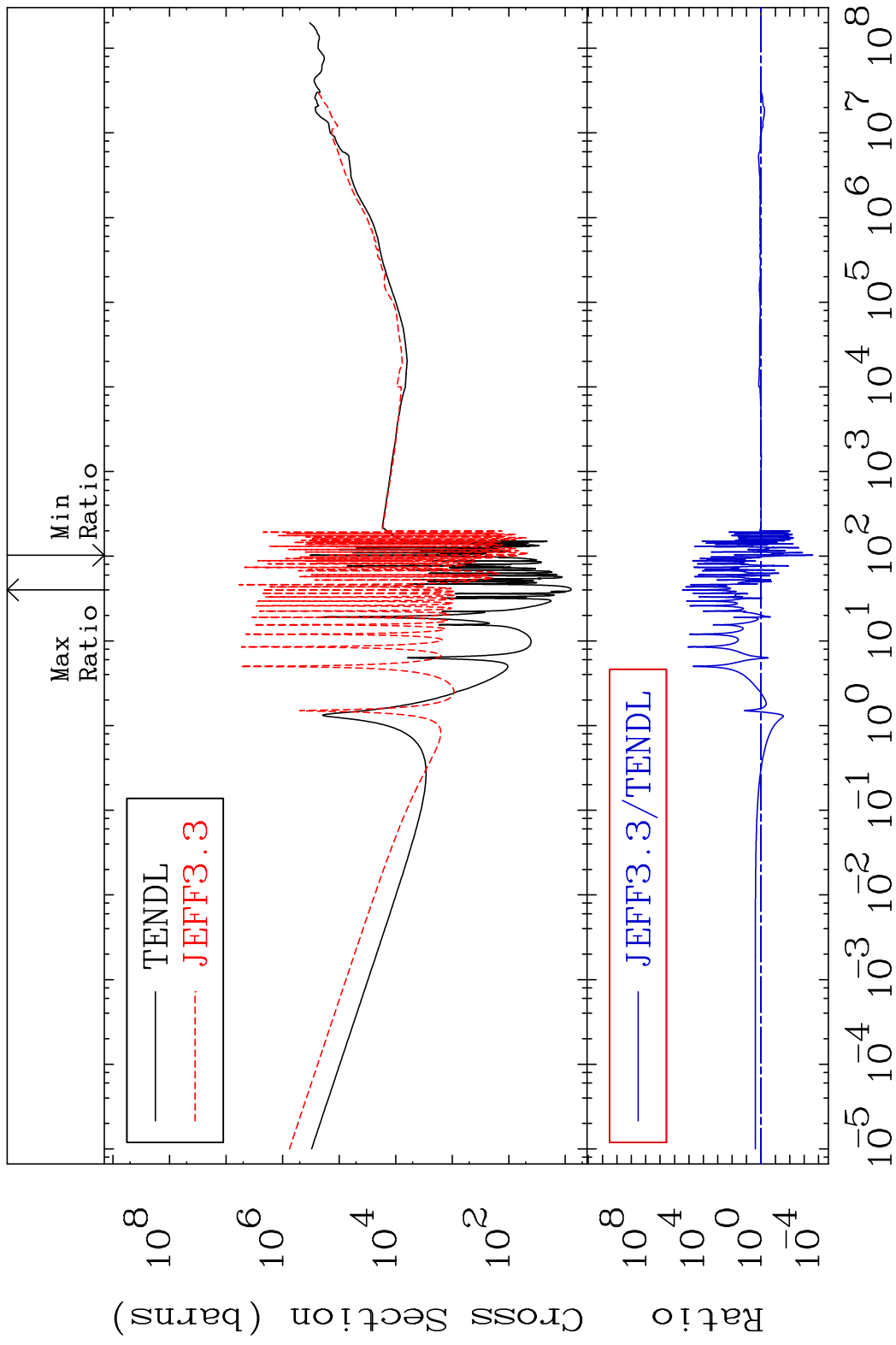
MAT 9234 Total photon (eV-barns) 92-U -237  
 Cross Section -99.98 To 9999. %



MAT 9234 Total kinematic kerma (high limit) 92-U -237  
 Cross Section -99.97 To 9999. %



MAT 9234      Dpa total (eV-barns)      92-U -237  
 Cross Section      -99.97 To 9999. %

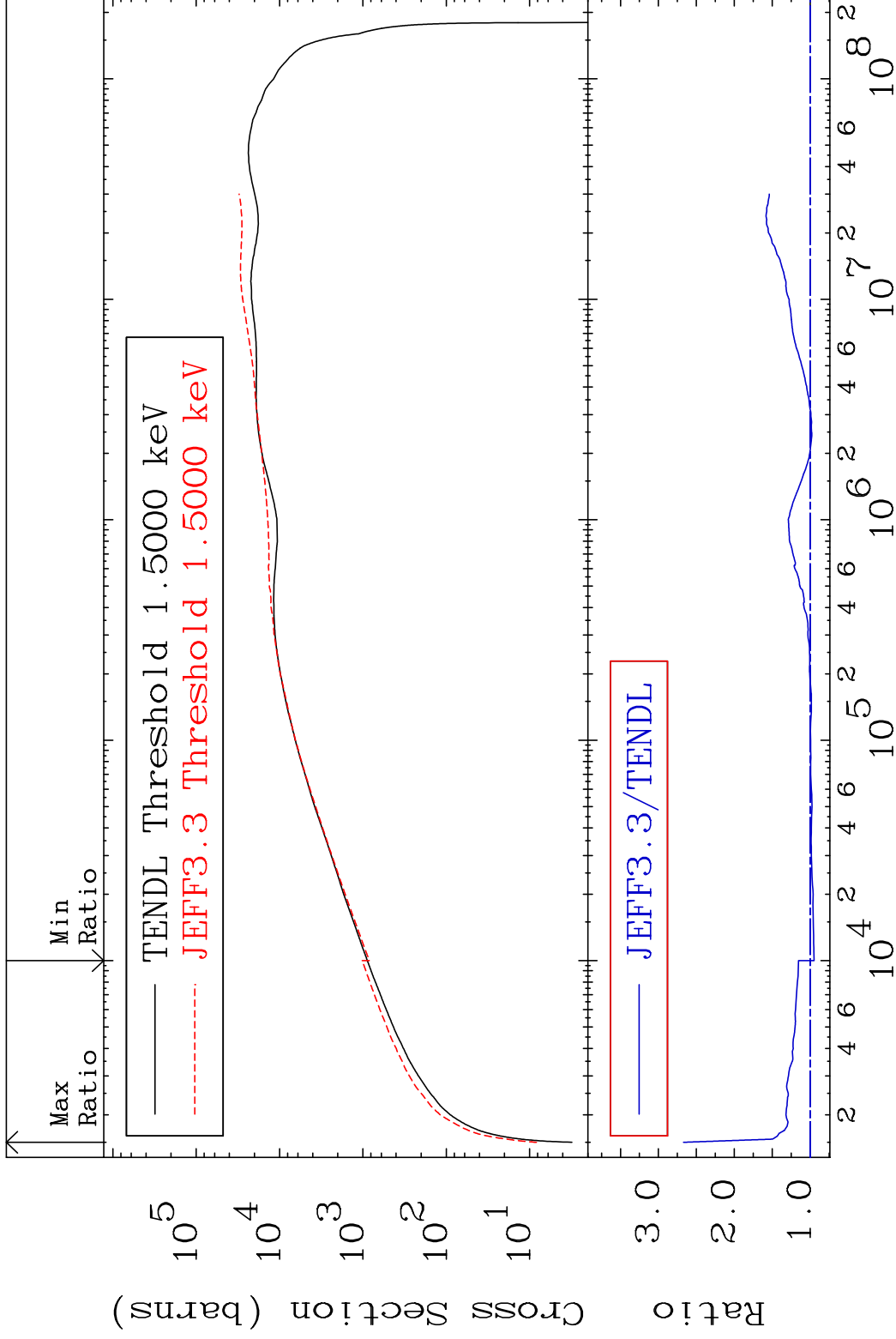


MAT 9234

Dpa elastic (mt2)

92-U -237

Cross Section -5.156 To 167.0 %

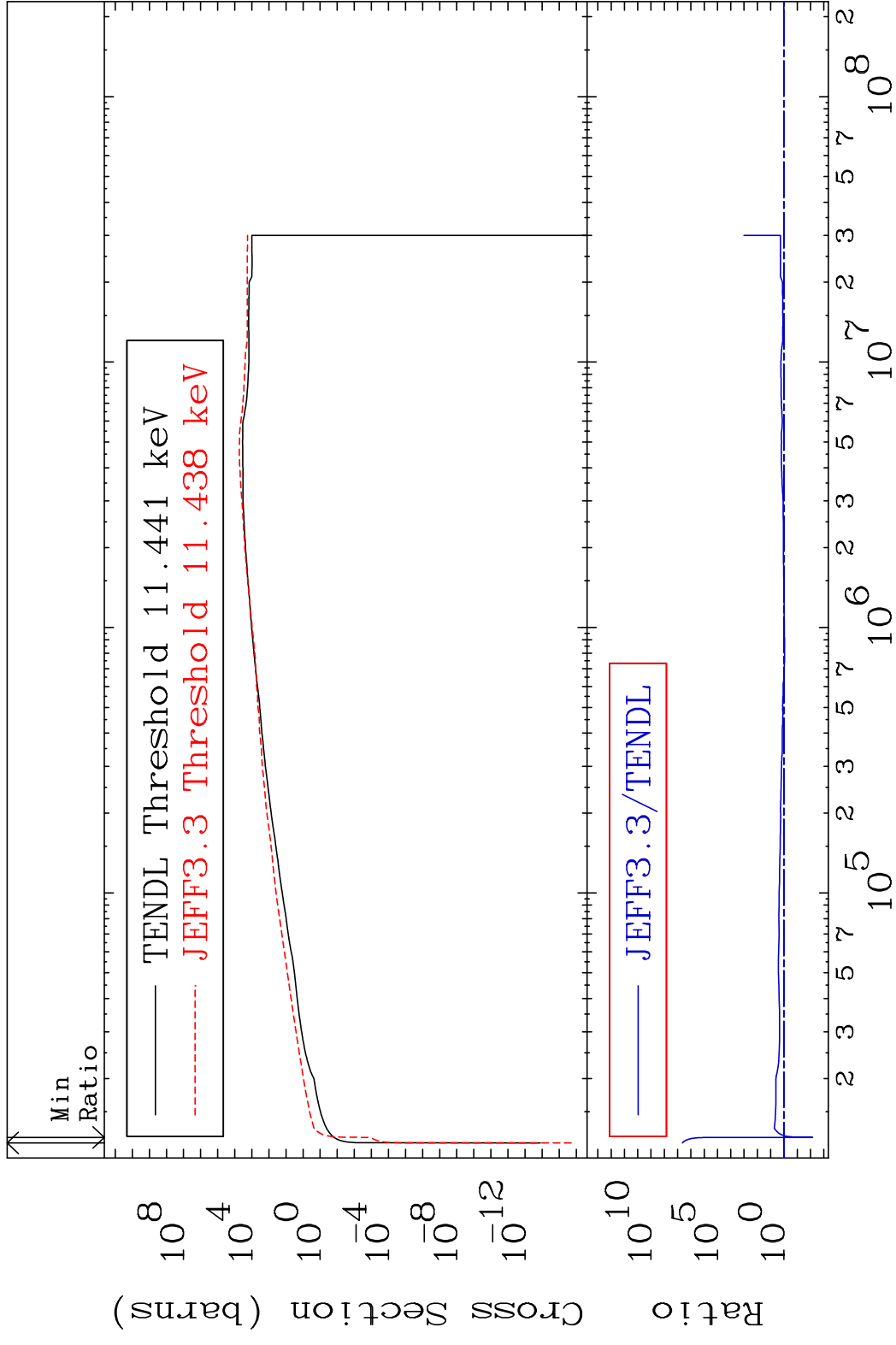


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Incident Energy (eV)

92-U -237

MAT 9234 Dpa inelastic (mt51-91) 92-U -237  
 Cross Section -99.30 To 9999. %



MAT 9234 Dpa disappearance (mt102 -120) 92-U -237  
 Cross Section -99.96 To 9999. %

