

Program Complot  
(Version 2021-1)

by

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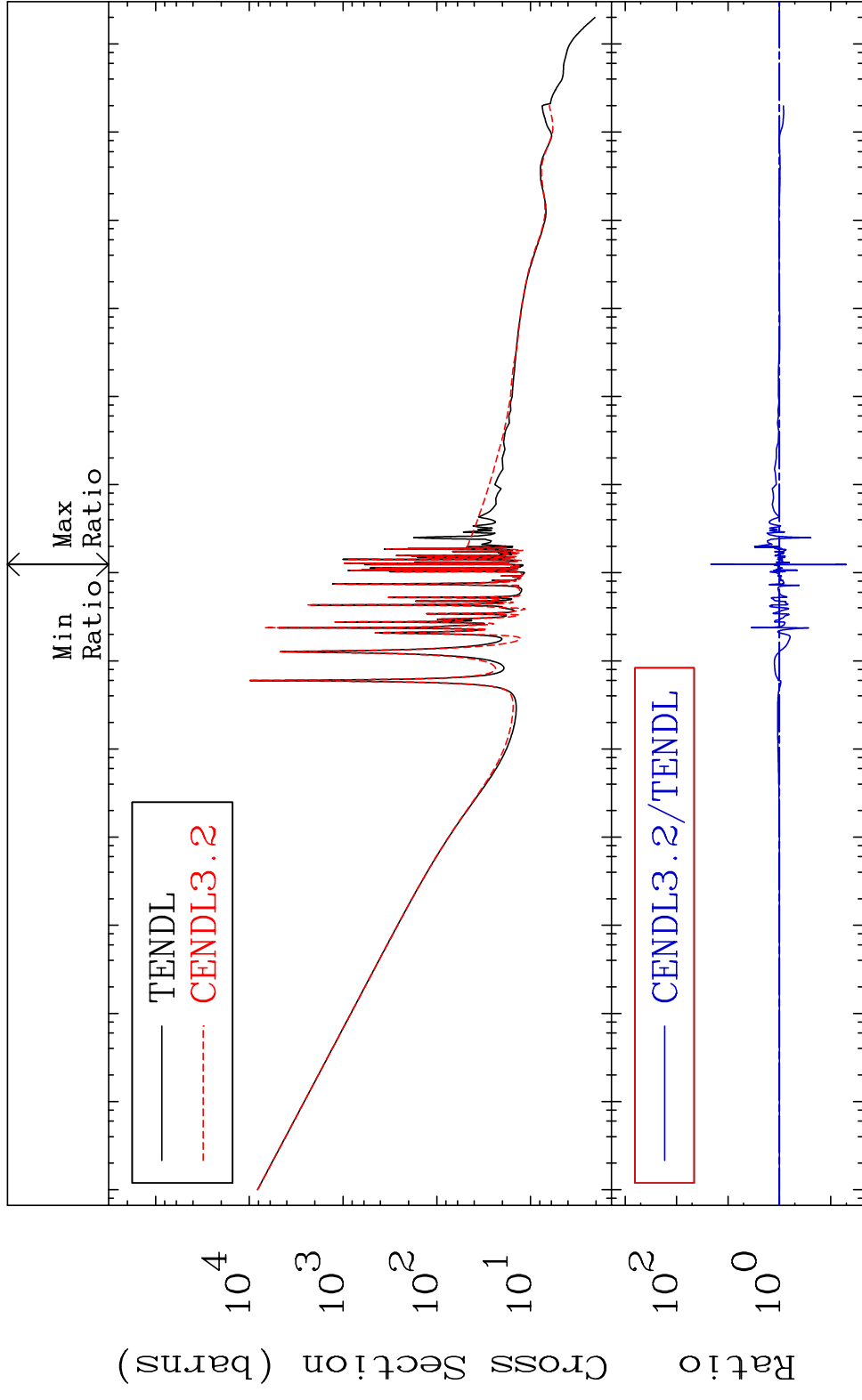
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9219

Total Cross Section -95.01 To 2071. %

92-U -232



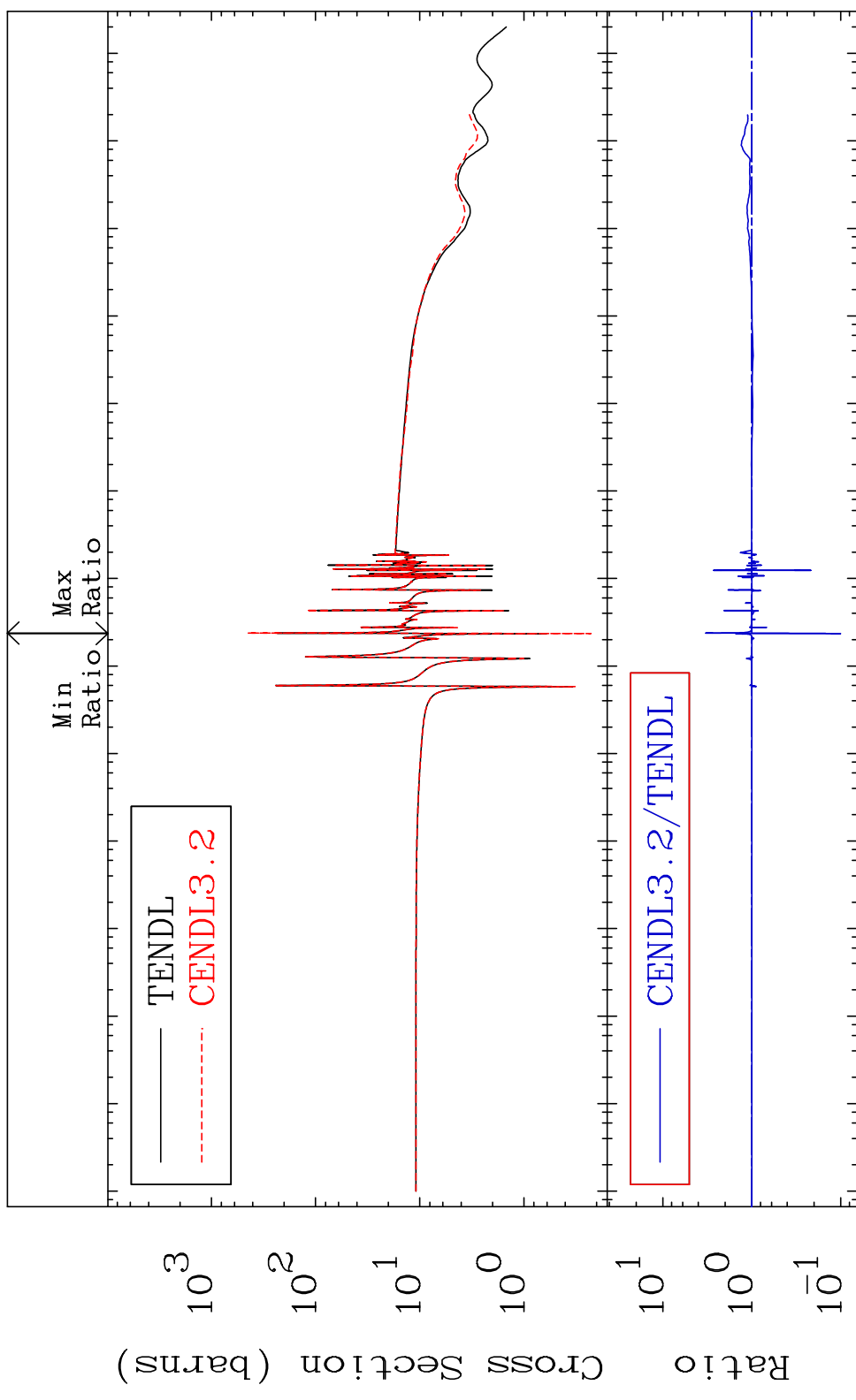
1

Incident Energy (eV)

92-U -232

MAT 9219

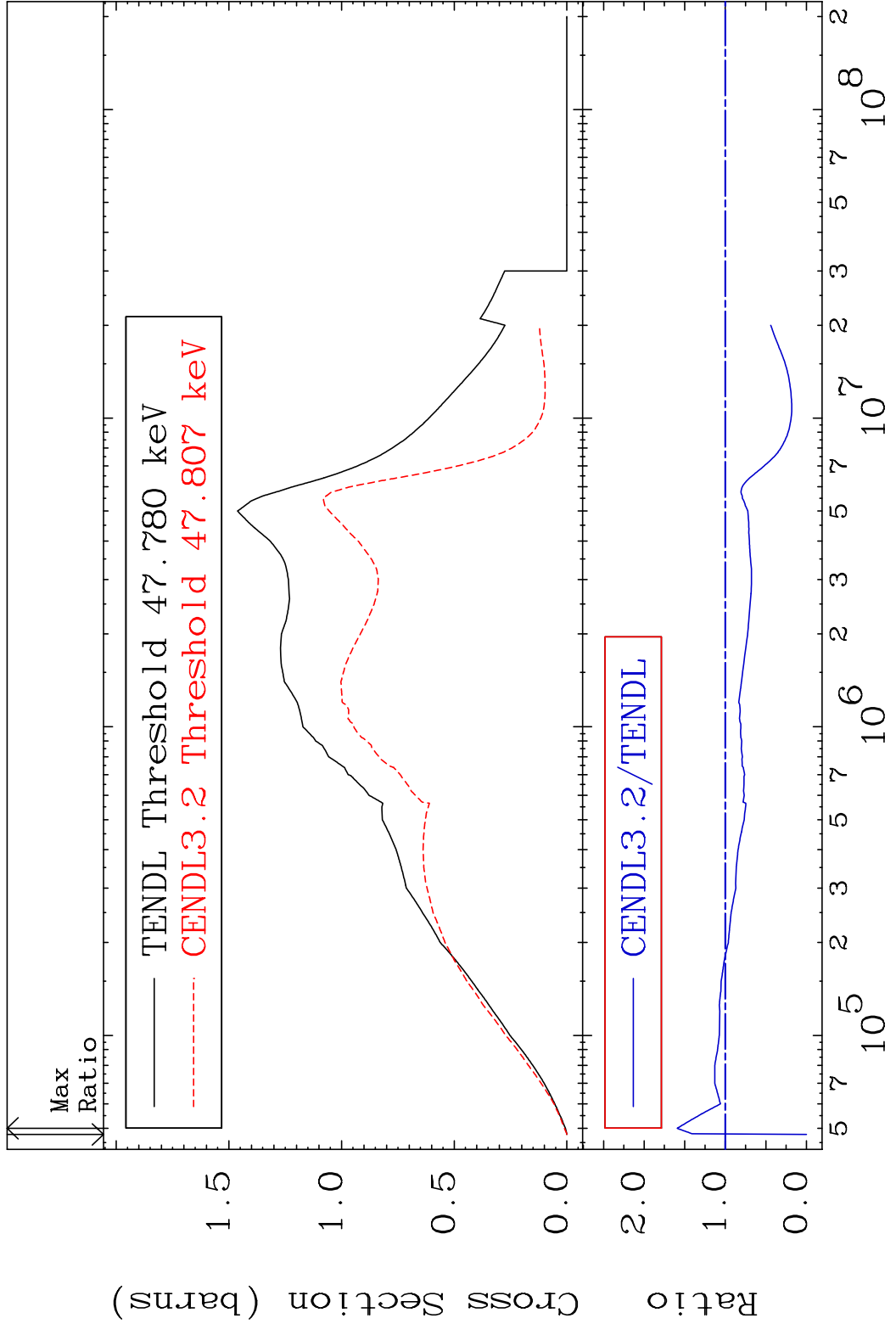
Elastic Cross Section -89.90 To 229.8 %  
92-U -232



Ratio  
Cross Section (barns)  
10<sup>3</sup>  
10<sup>2</sup>  
10<sup>1</sup>  
10<sup>0</sup>  
10<sup>-1</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> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

2 Incident Energy (eV) 92-U -232

MAT 9219 Inelastic 92-U -232  
 Cross Section -100.0 To 59.26 %

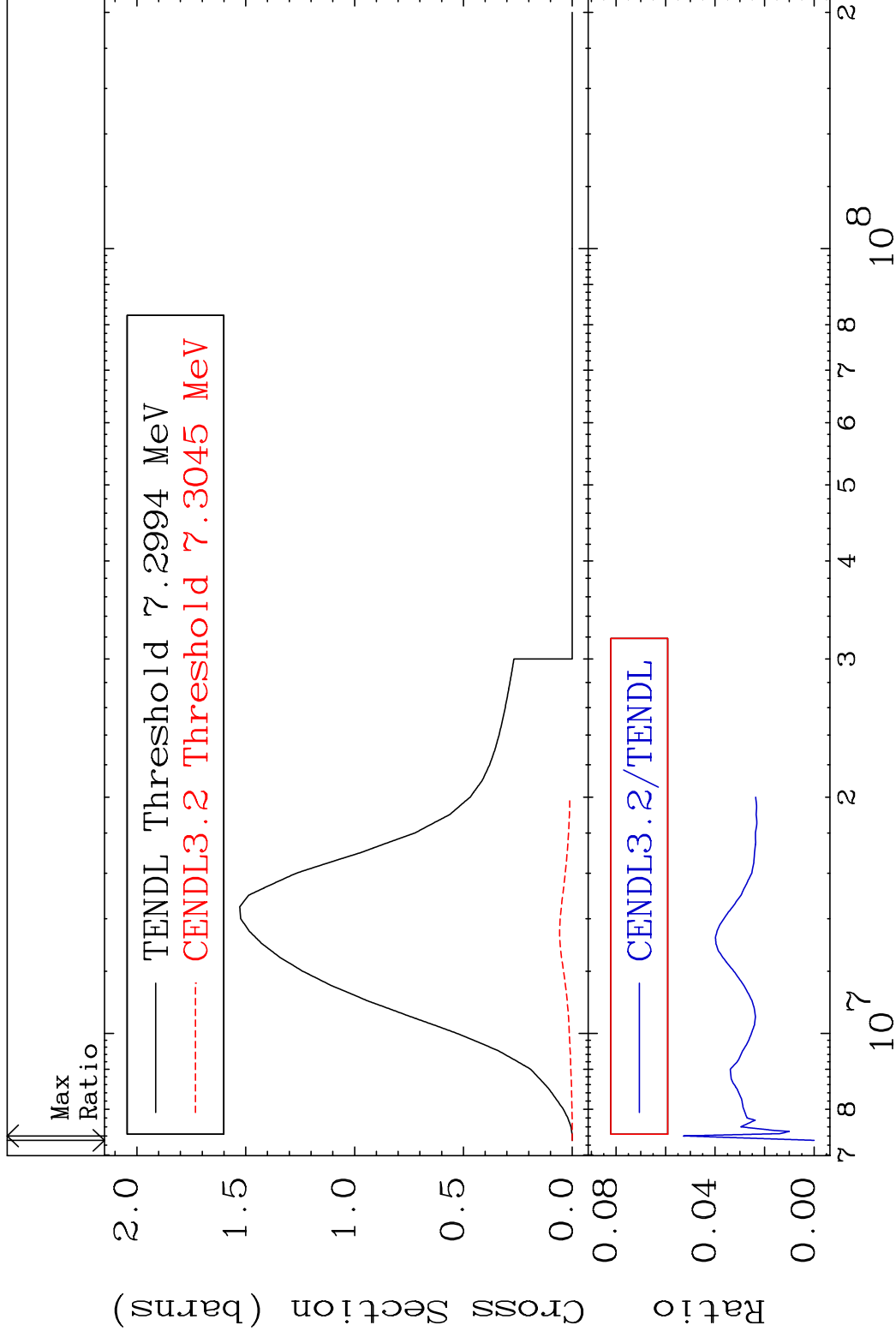


MAT 9219

(n,2n)

92-U -232

Cross Section -100.0 To -94.73%



4

Incident Energy (eV)

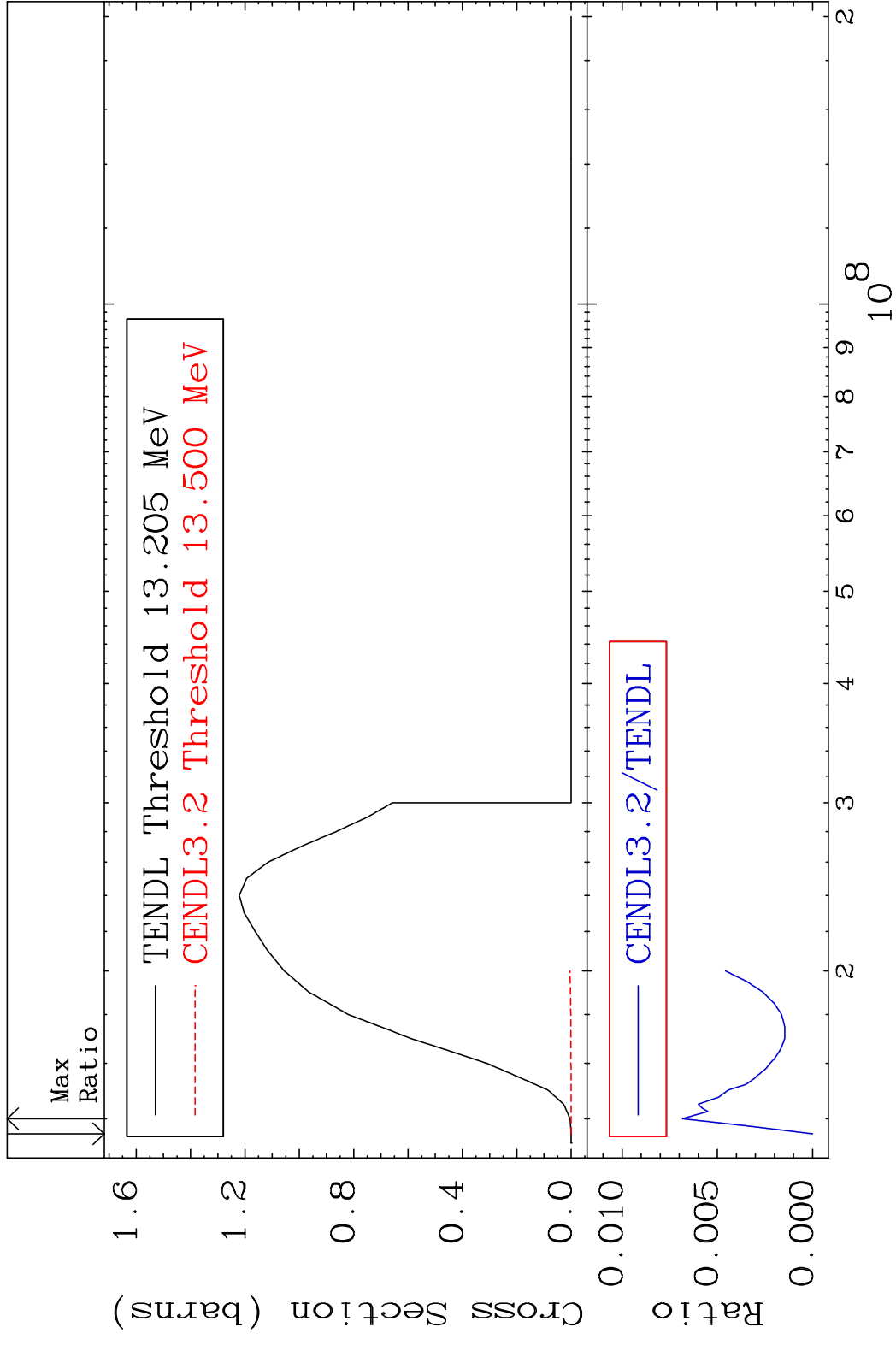
92-U -232

MAT 9219

(n,3n)

92-U -232

Cross Section -100.0 To -99.32%



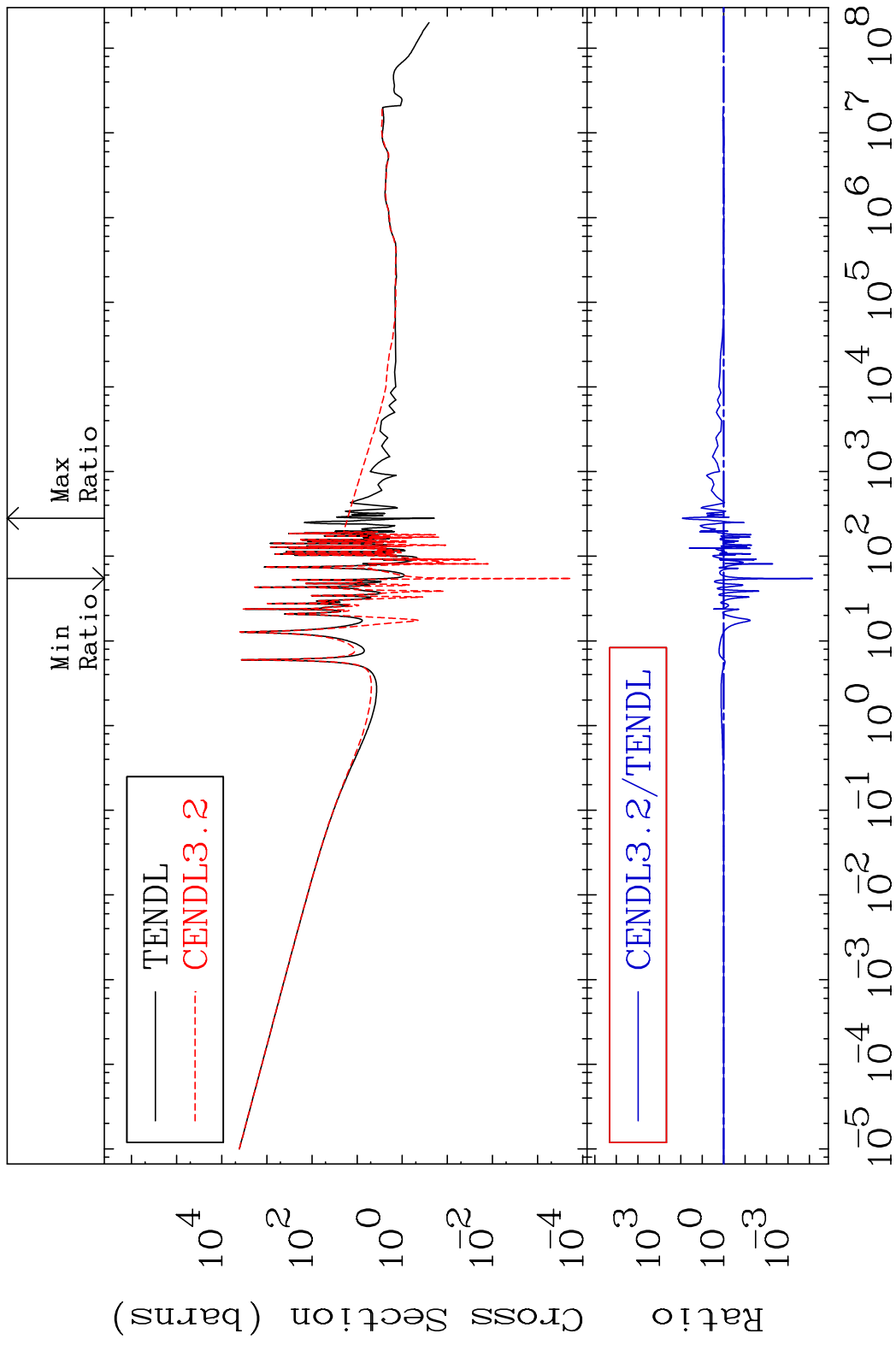
5

Incident Energy (eV)

92-U -232

MAT 9219

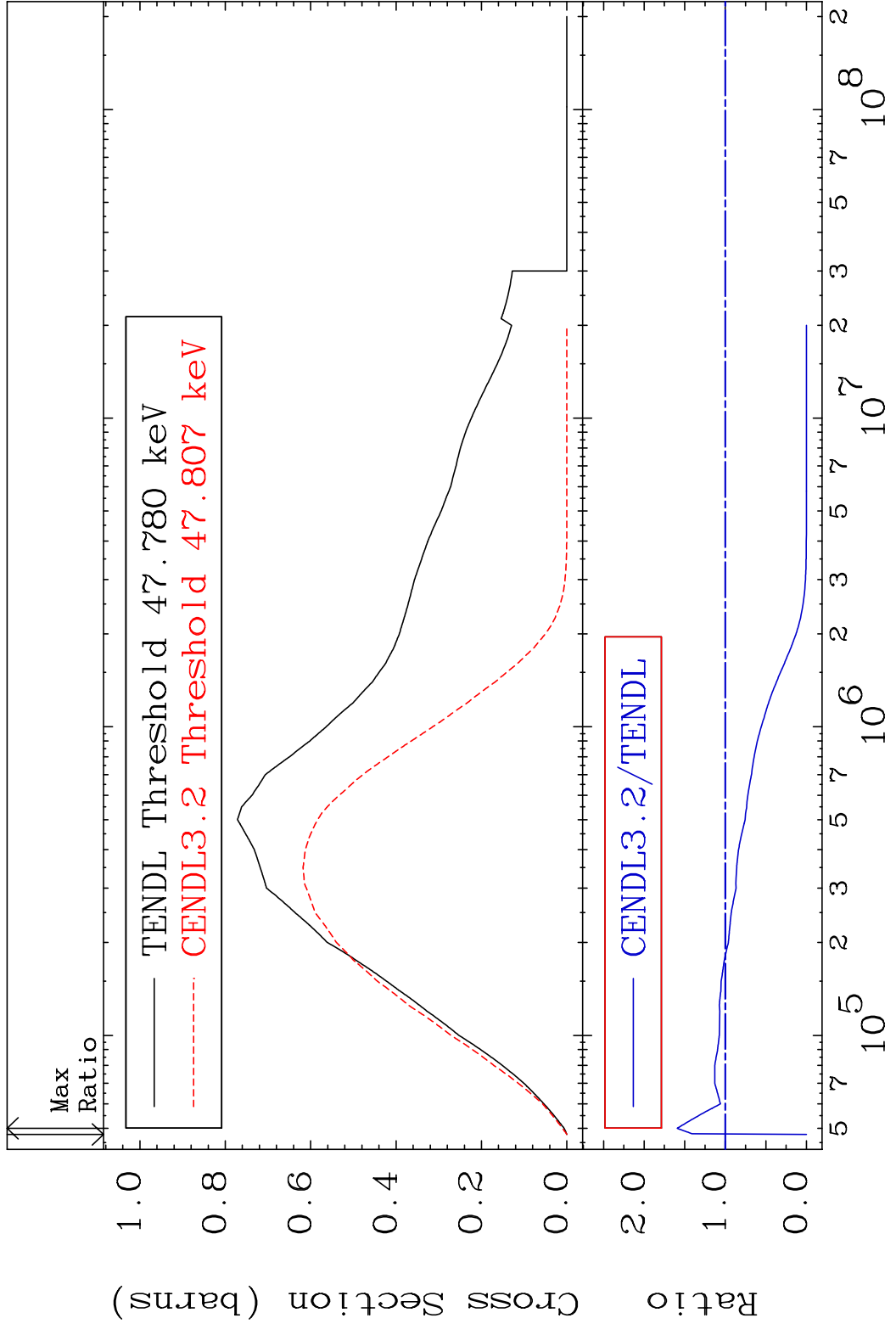
Fission Cross Section 92-U -232  
-99.99 To 8305. %



6

Incident Energy (eV) 92-U -232

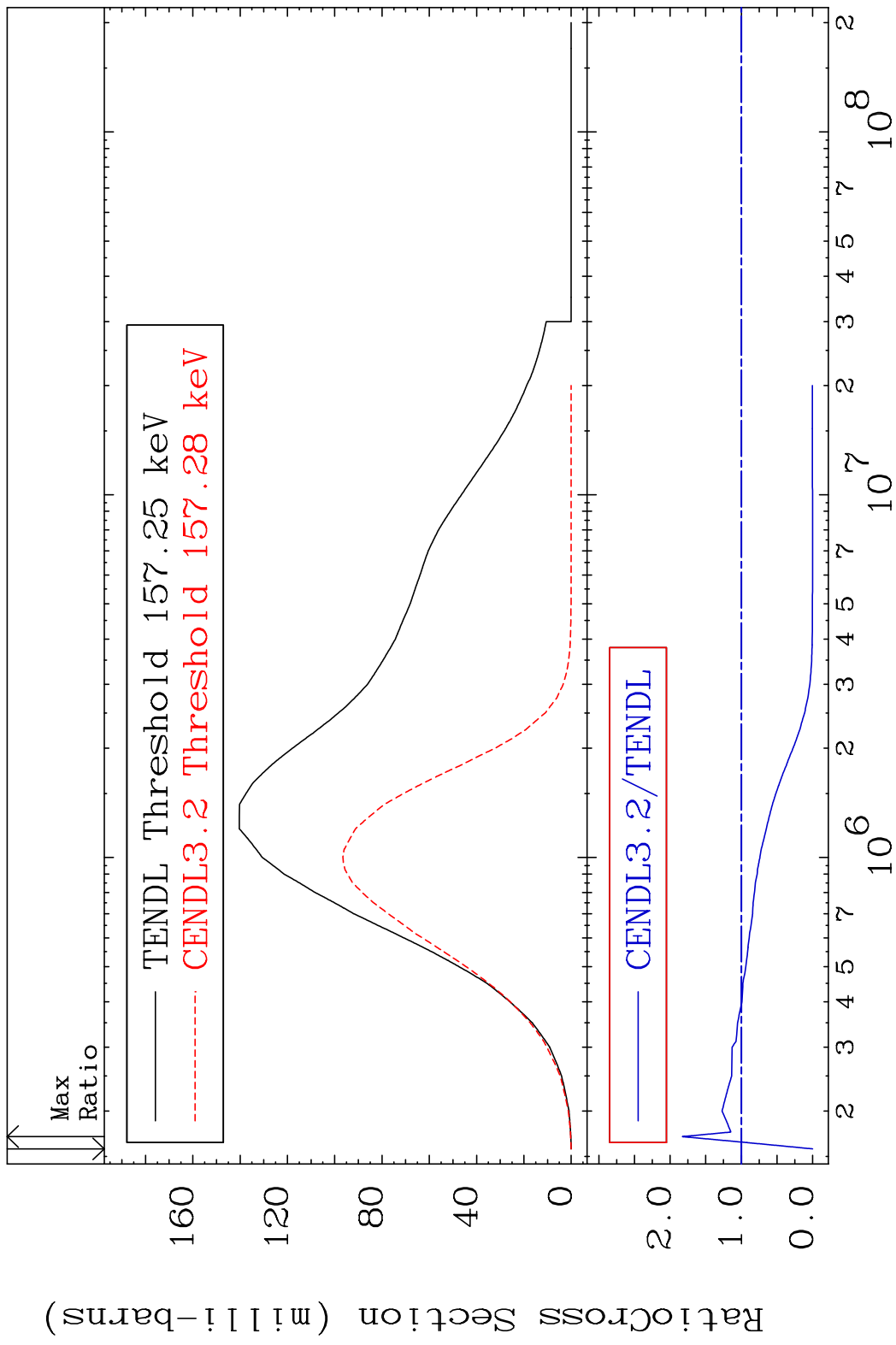
MAT 9219 MT= 51 (n, n') Level 92-U -232  
 Cross Section -100.0 To 59.26 %



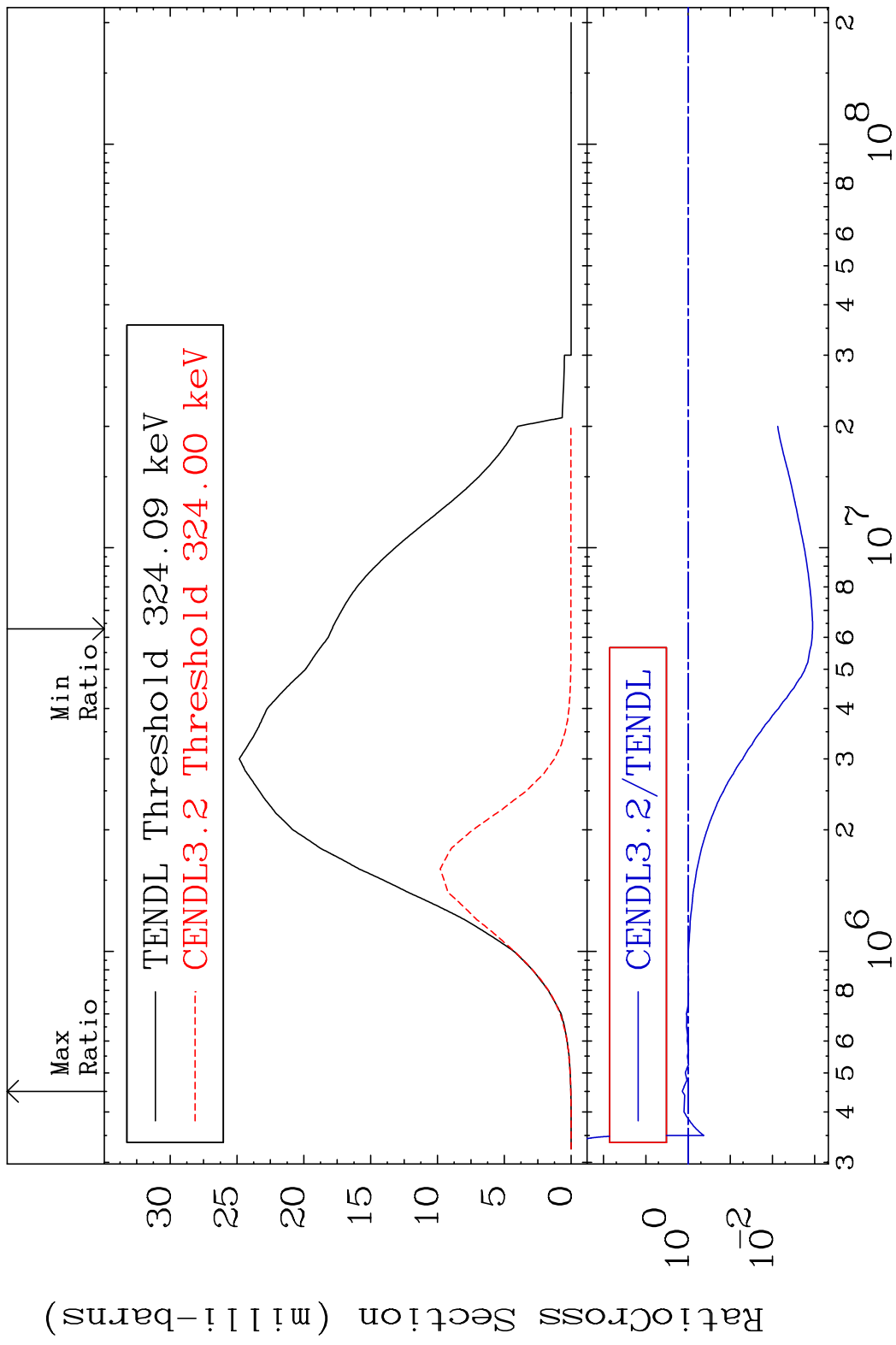
7 Incident Energy (eV) 92-U -232



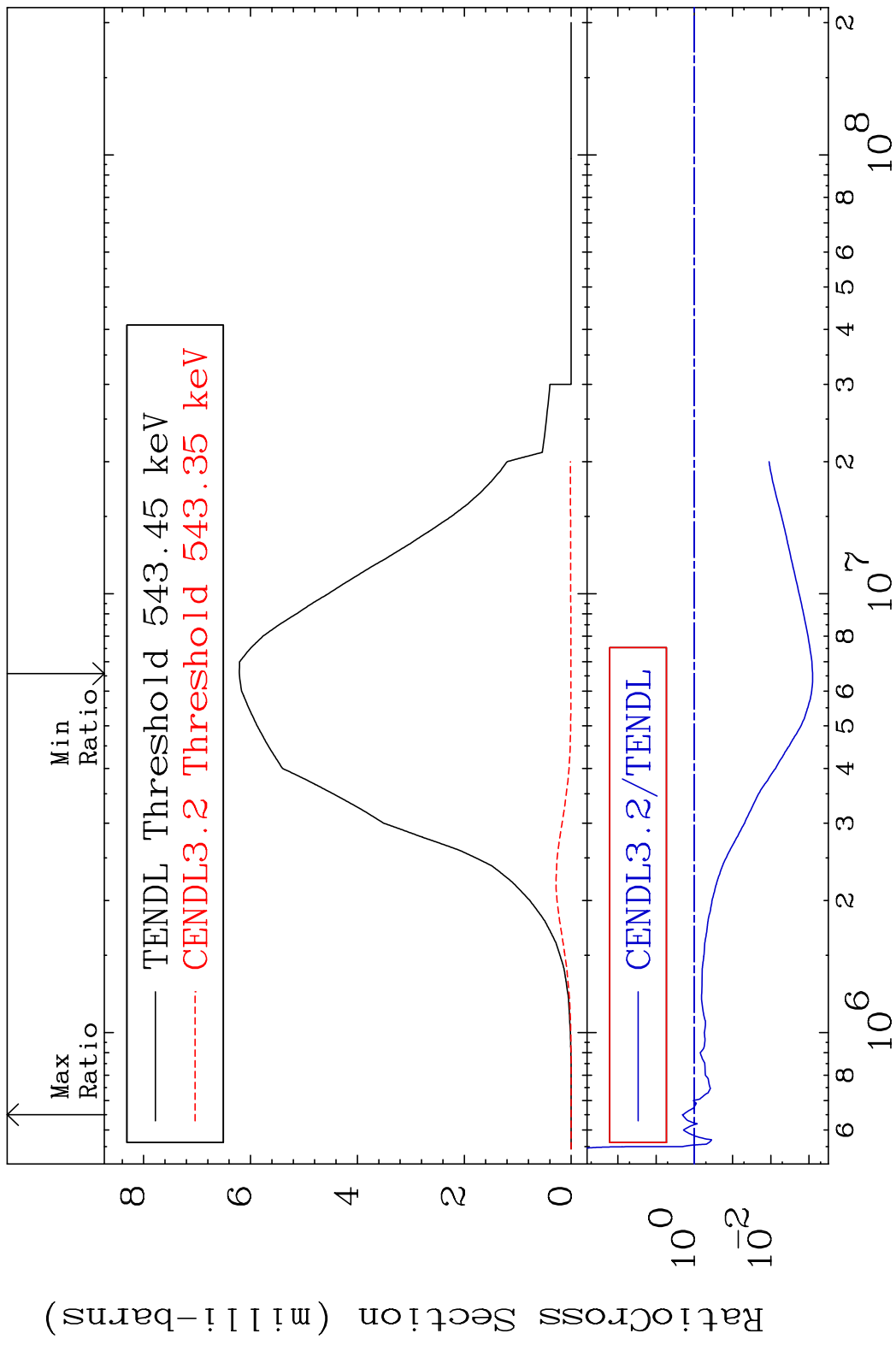
MAT 9219 MT= 52 (n,n') Level 92-U -232  
 Cross Section -100.0 To 82.85 %



MAT 9219 MT= 53 (n, n') Level 92-U -232  
 Cross Section -99.89 To 36.48 %

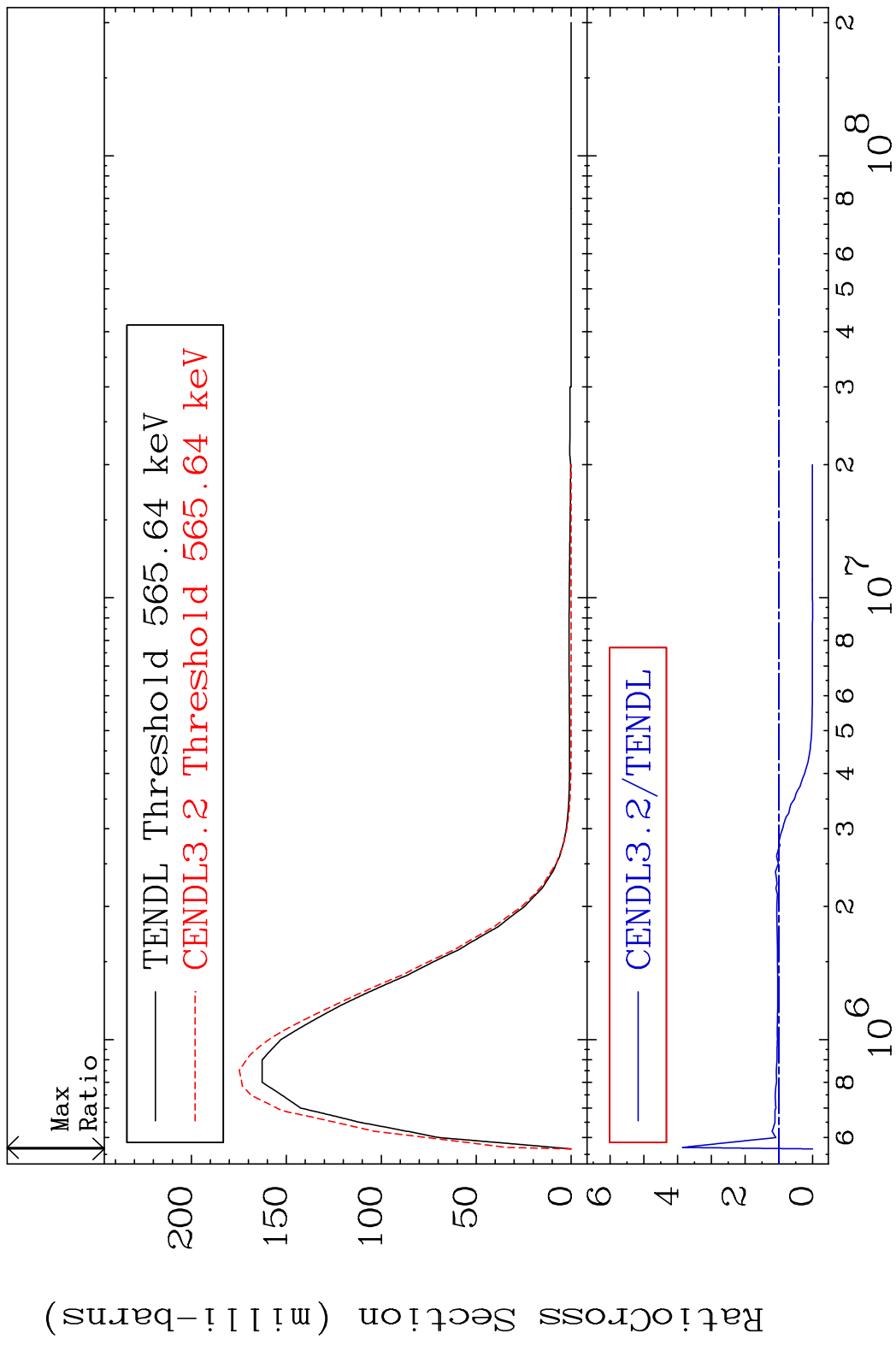


MAT 9219 MT= 54 (n, n') Level 92-U -232  
 Cross Section -99.92 To 105.8 %

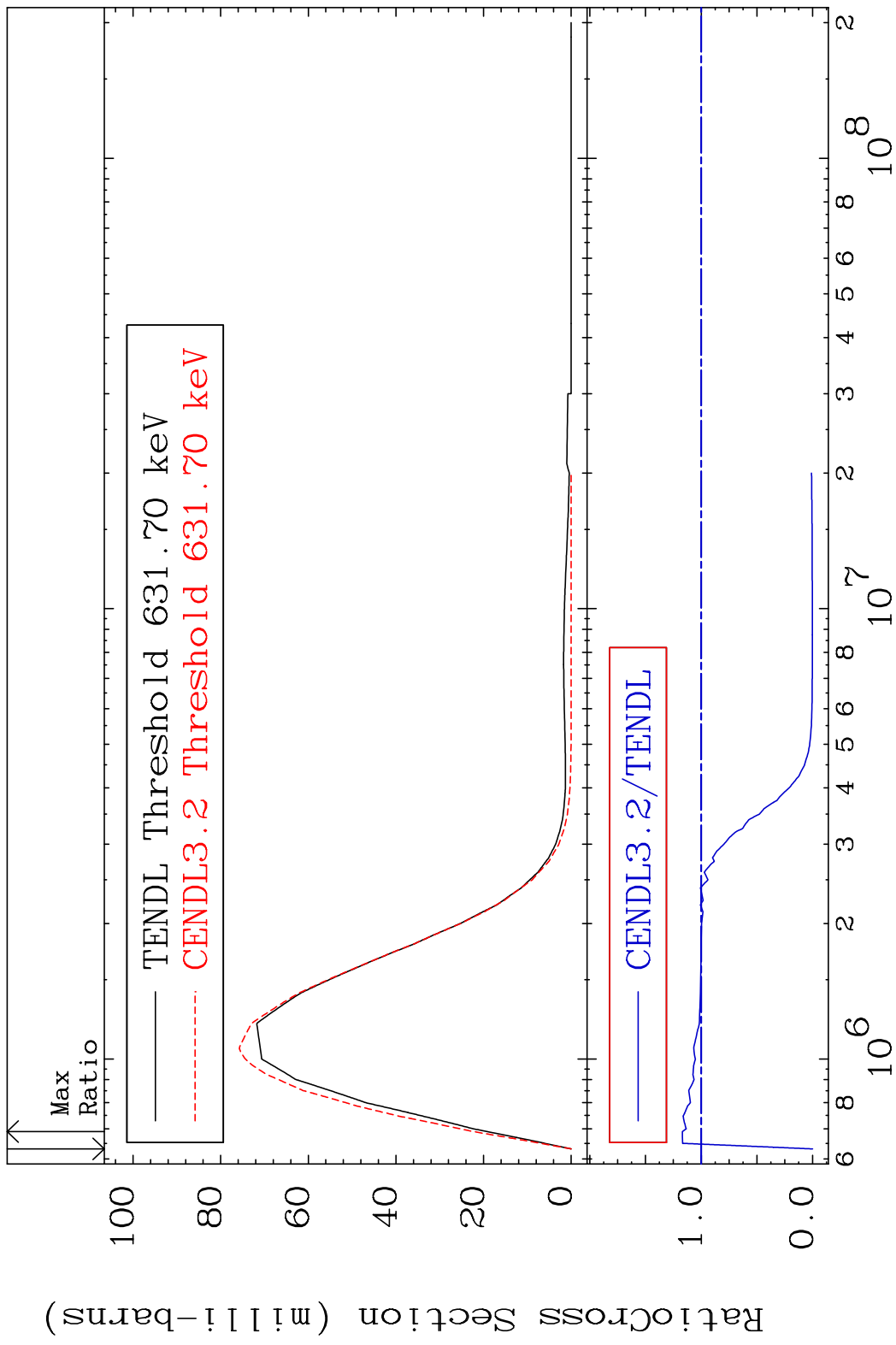


10 Incident Energy (eV) 92-U -232

MAT 9219 MT= 55 (n,n') Level 92-U -232  
 Cross Section -100.0 To 285.9 %

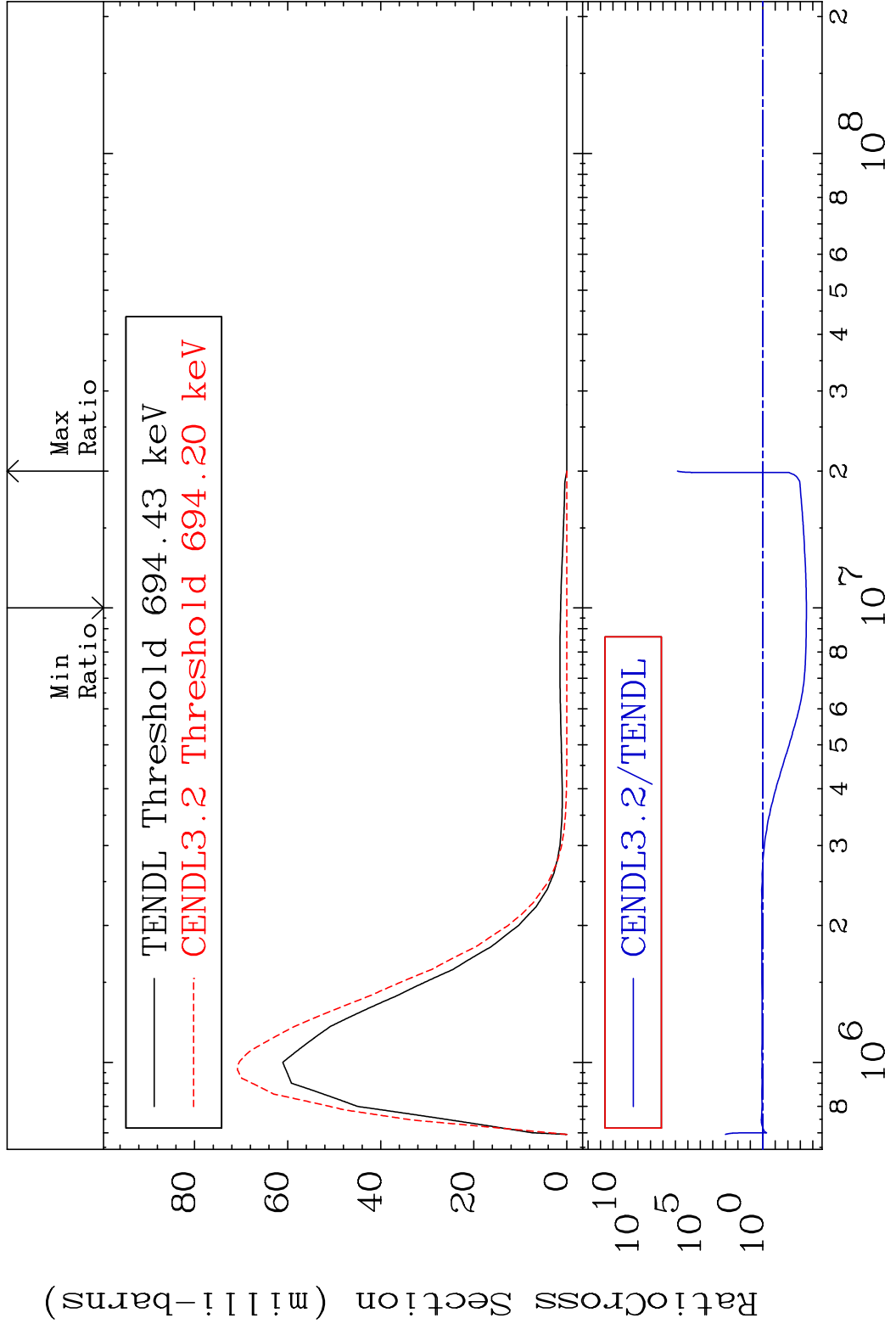


MAT 9219 MT= 56 (n,n') Level 92-U -232  
 Cross Section -100.0 To 16.93 %

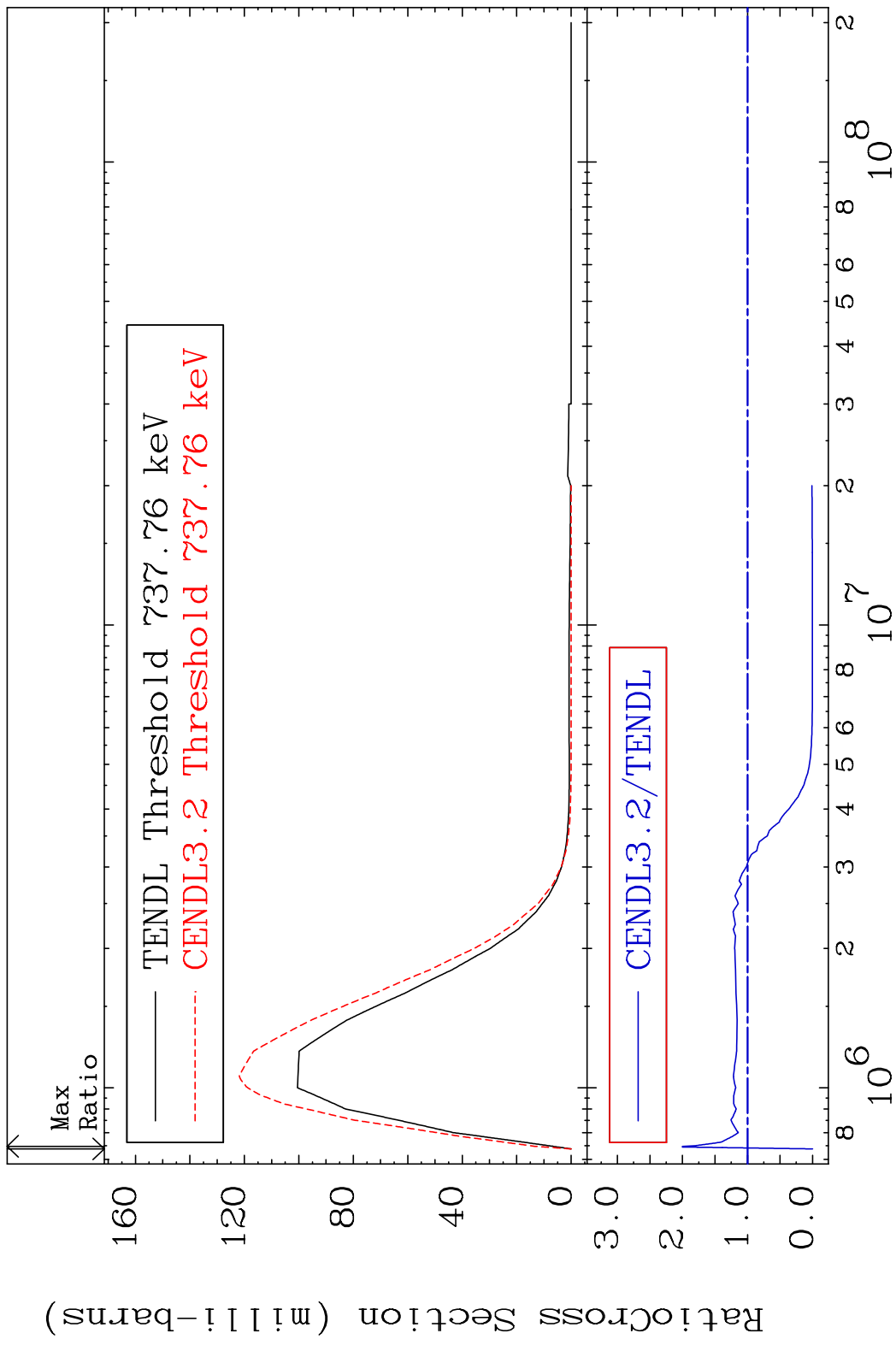


12 Incident Energy (eV) 92-U -232

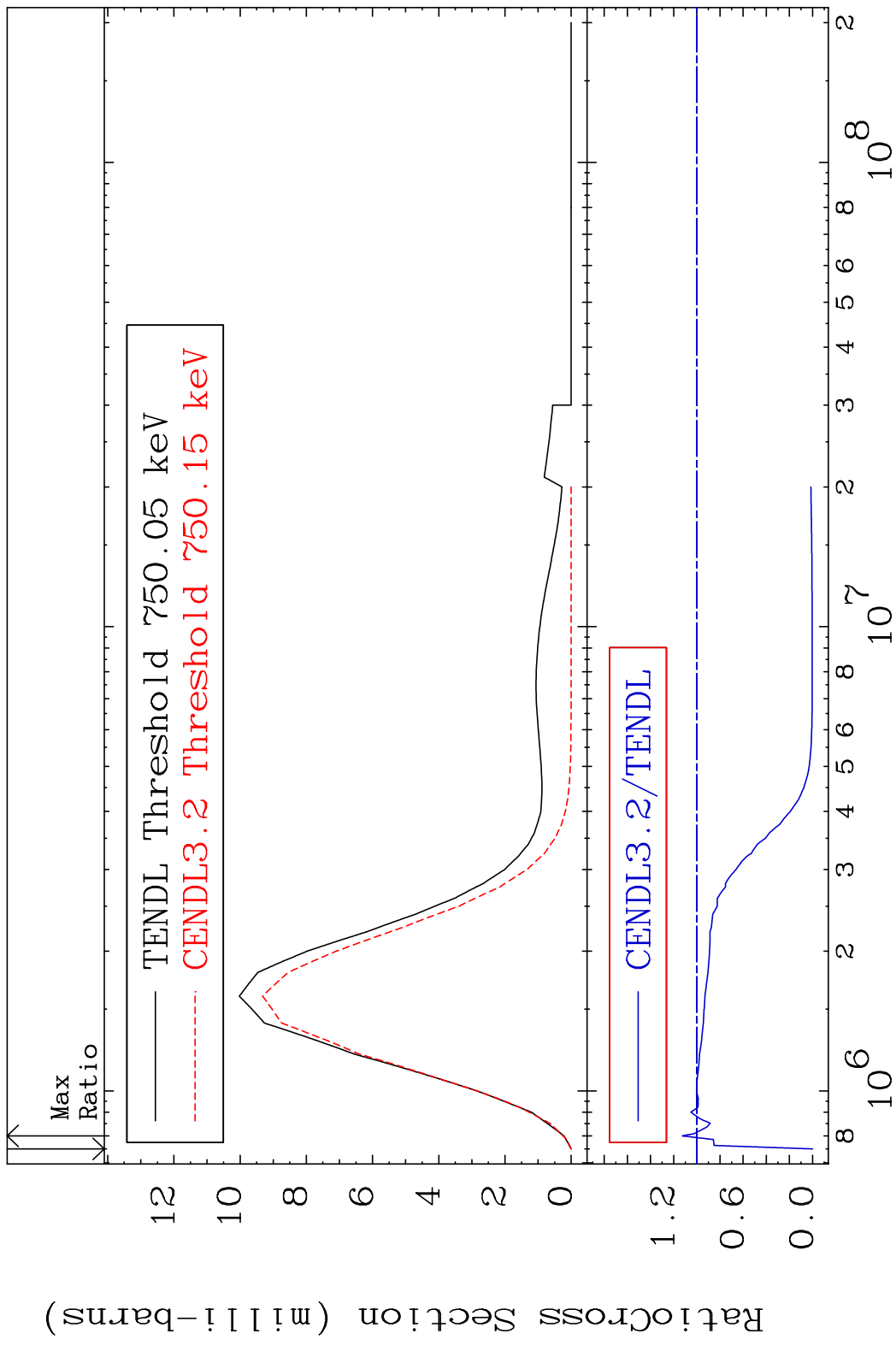
MAT 9219 MT= 57 (n, n') Level 92-U -232  
 Cross Section -99.97 To 9999. %



MAT 9219 MT= 58 (n,n') Level 92-U -232  
 Cross Section -100.0 To 100.2 %



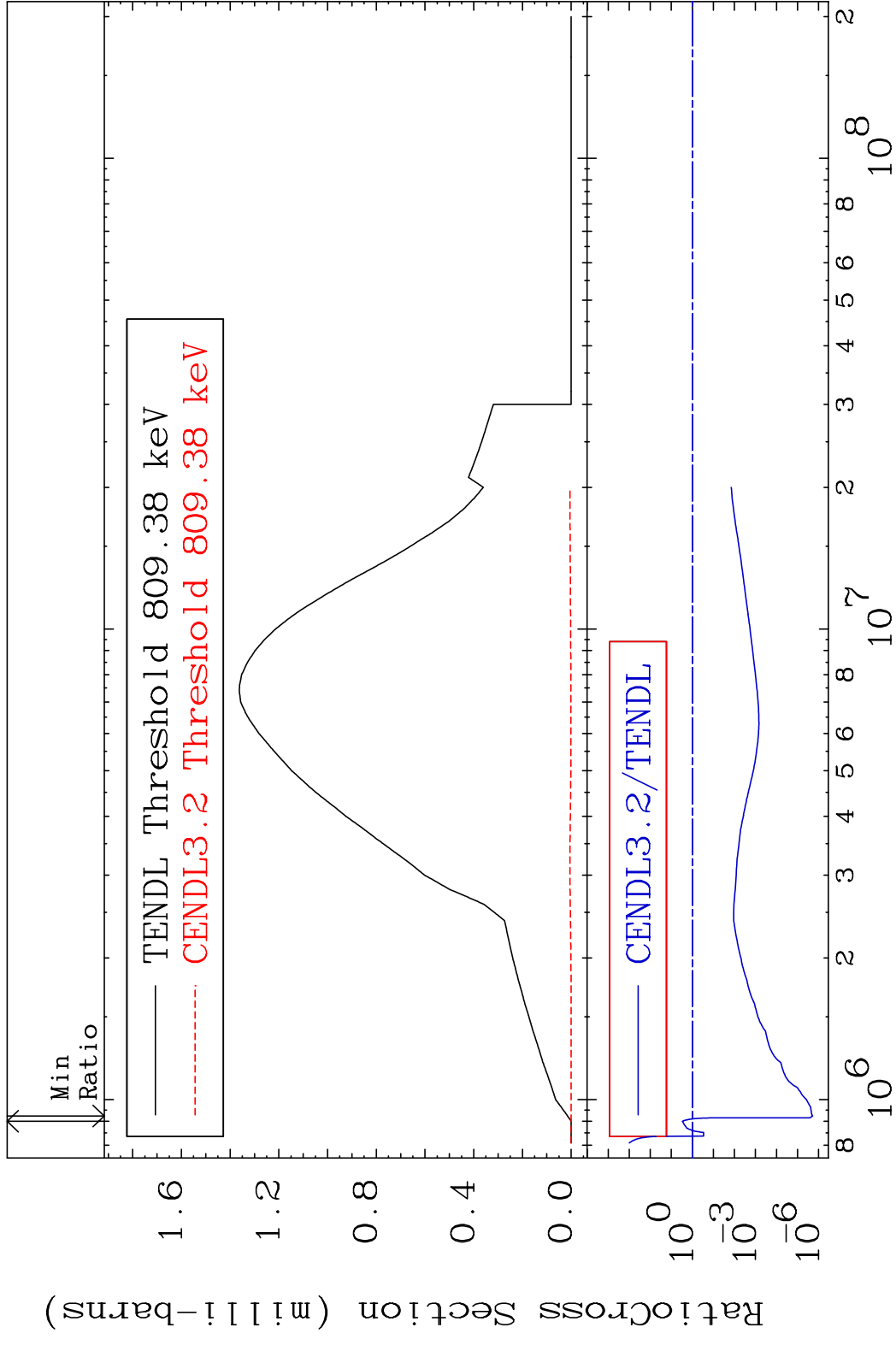
MAT 9219 MT= 59 (n,n') Level 92-U -232  
 Cross Section -100.0 To 12.51 %



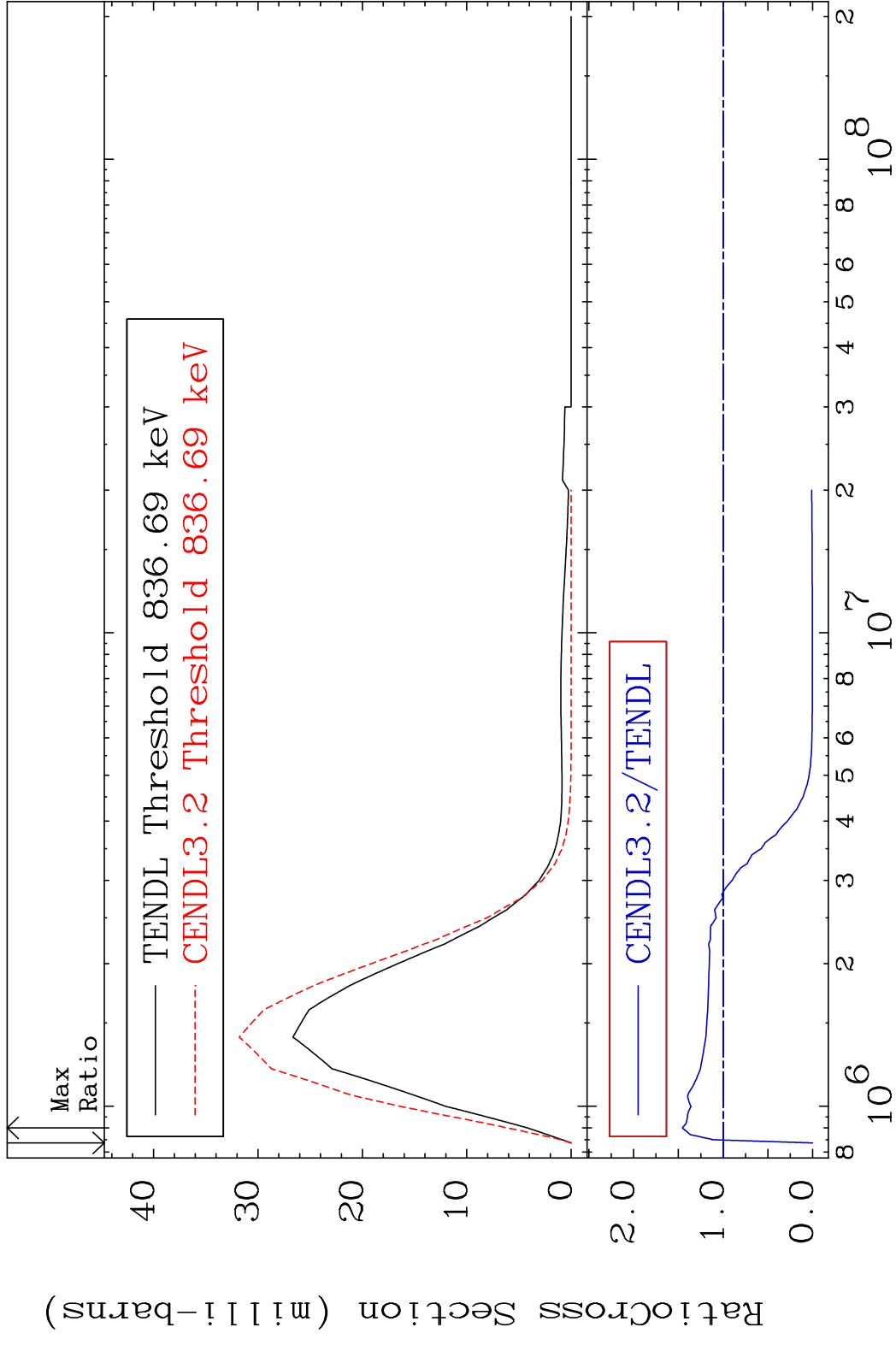
15 Incident Energy (eV) 92-U -232



MAT 9219 MT= 60 (n, n') Level 92-U -232  
 Cross Section -100.0 To 198.7 %

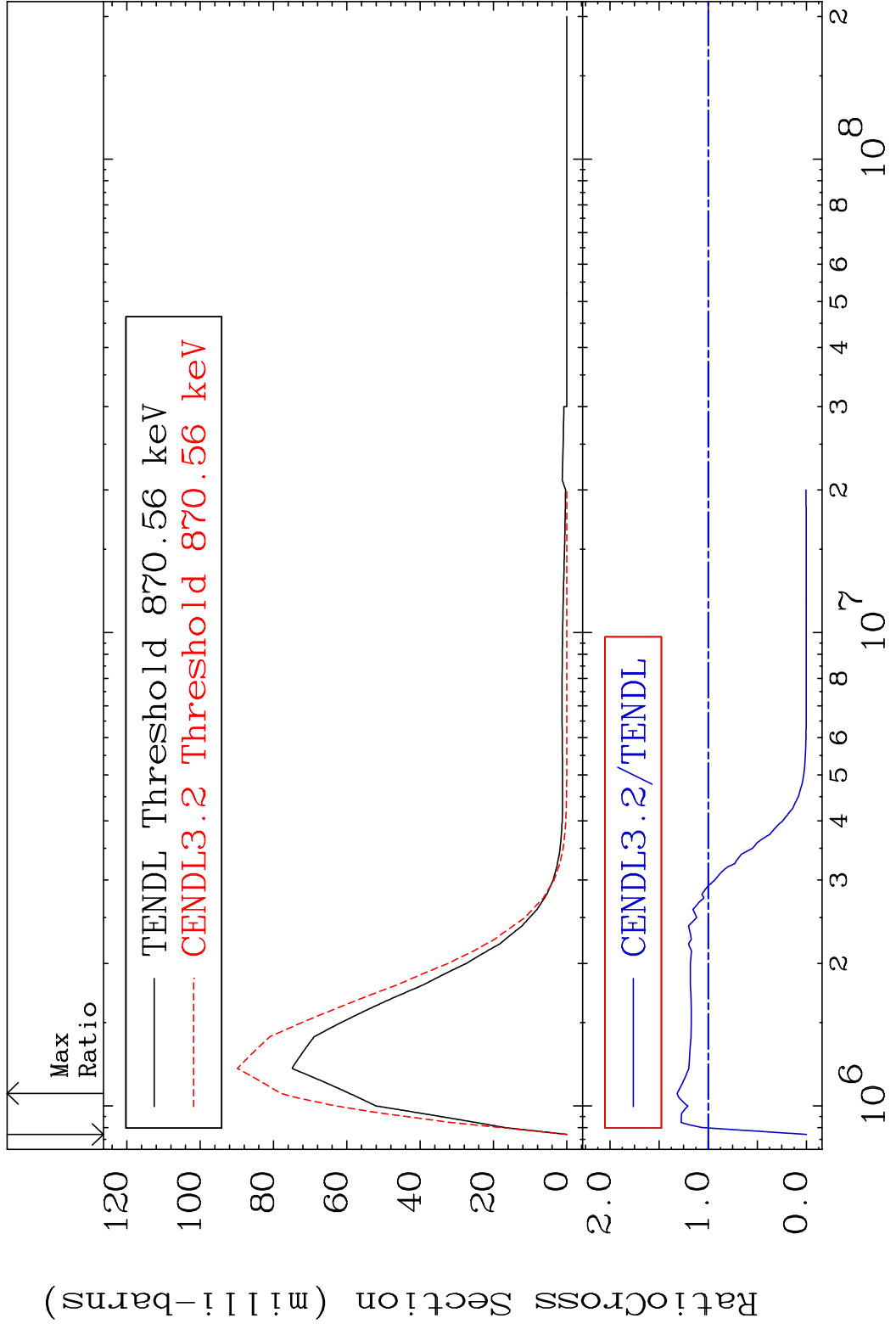


MAT 9219 MT= 61 (n, n') Level 92-U -232  
 Cross Section -100.0 To 45.57 %



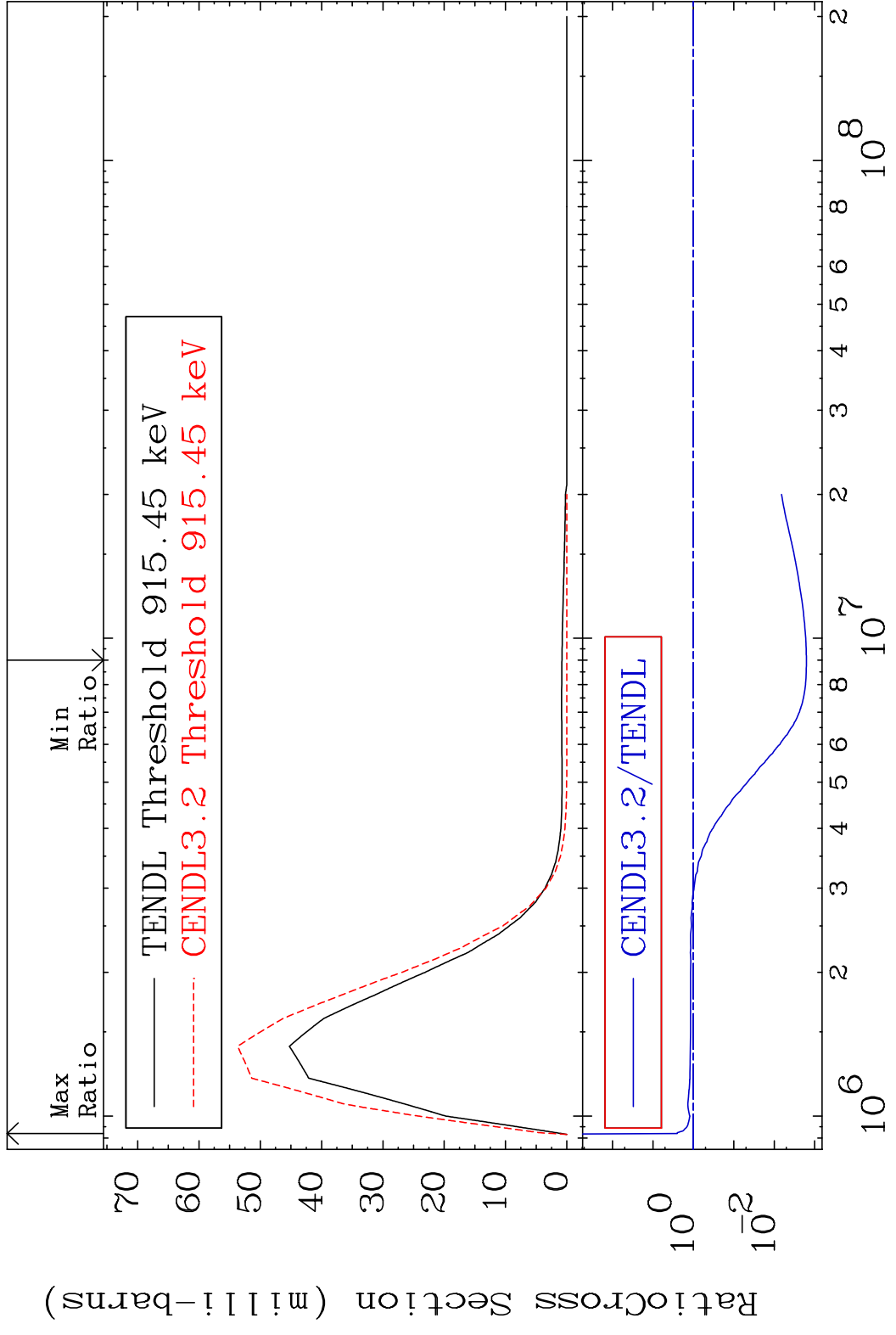
17 Incident Energy (eV) 92-U -232

MAT 9219 MT= 62 (n, n') Level 92-U -232  
 Cross Section -100.0 To 31.58 %



18 Incident Energy (eV) 92-U -232

MAT 9219 MT= 63 (n, n') Level 92-U -232  
 Cross Section -99.84 To 151.0 %



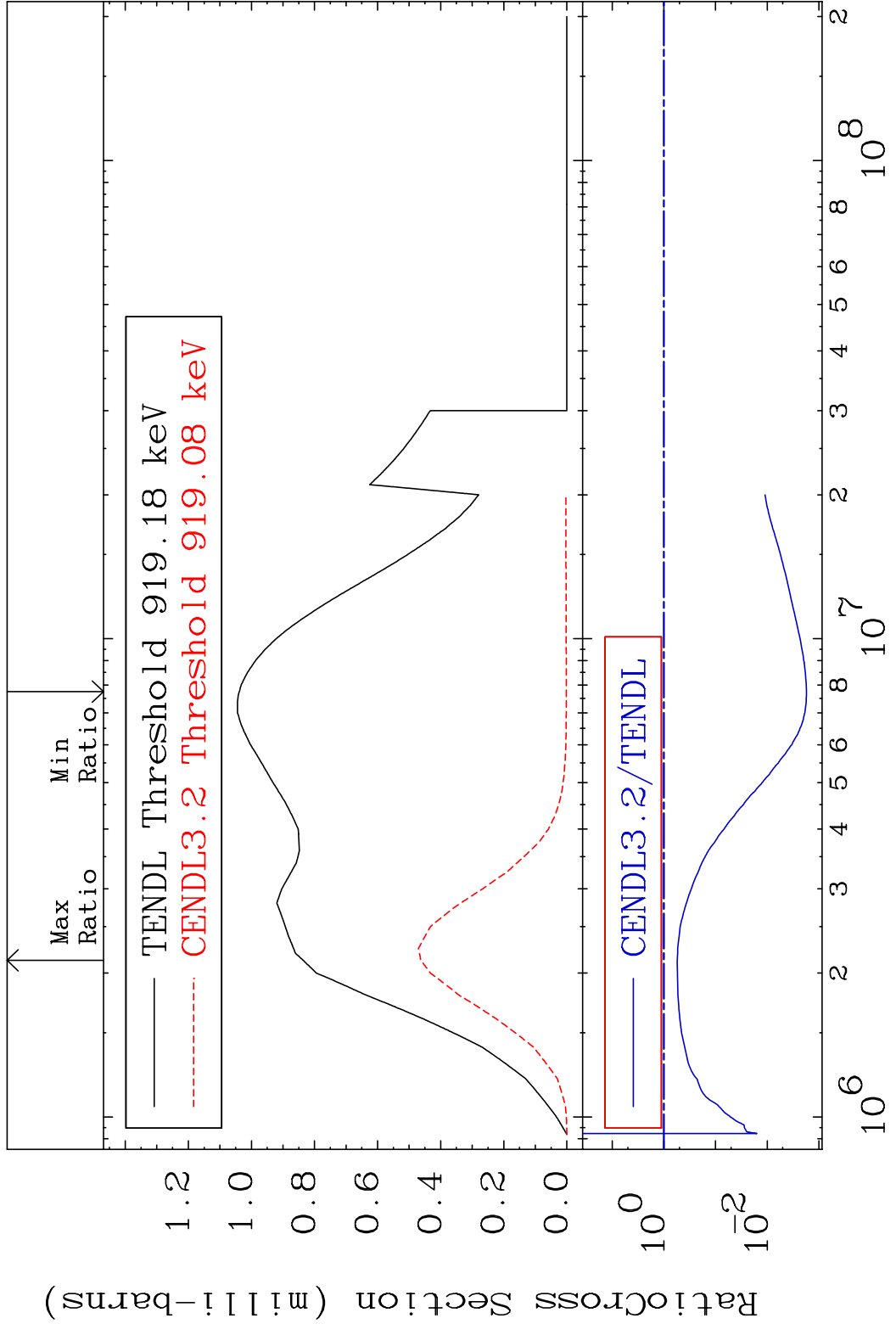
19 Incident Energy (eV) 92-U -232

MAT 9219

MT= 64 (n, n') Level

92-U -232

Cross Section -99.83 To -44.64%

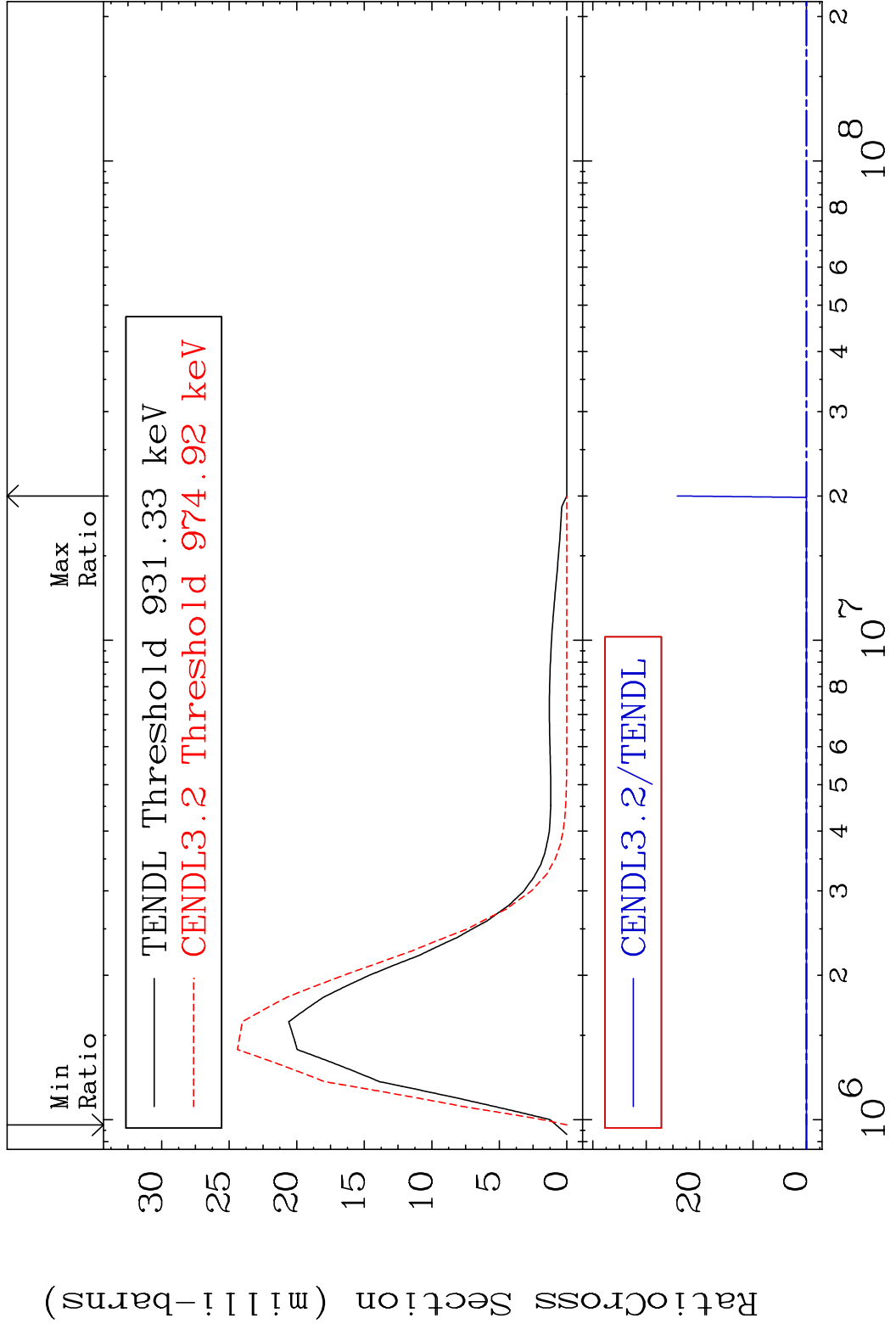


20

Incident Energy (eV)

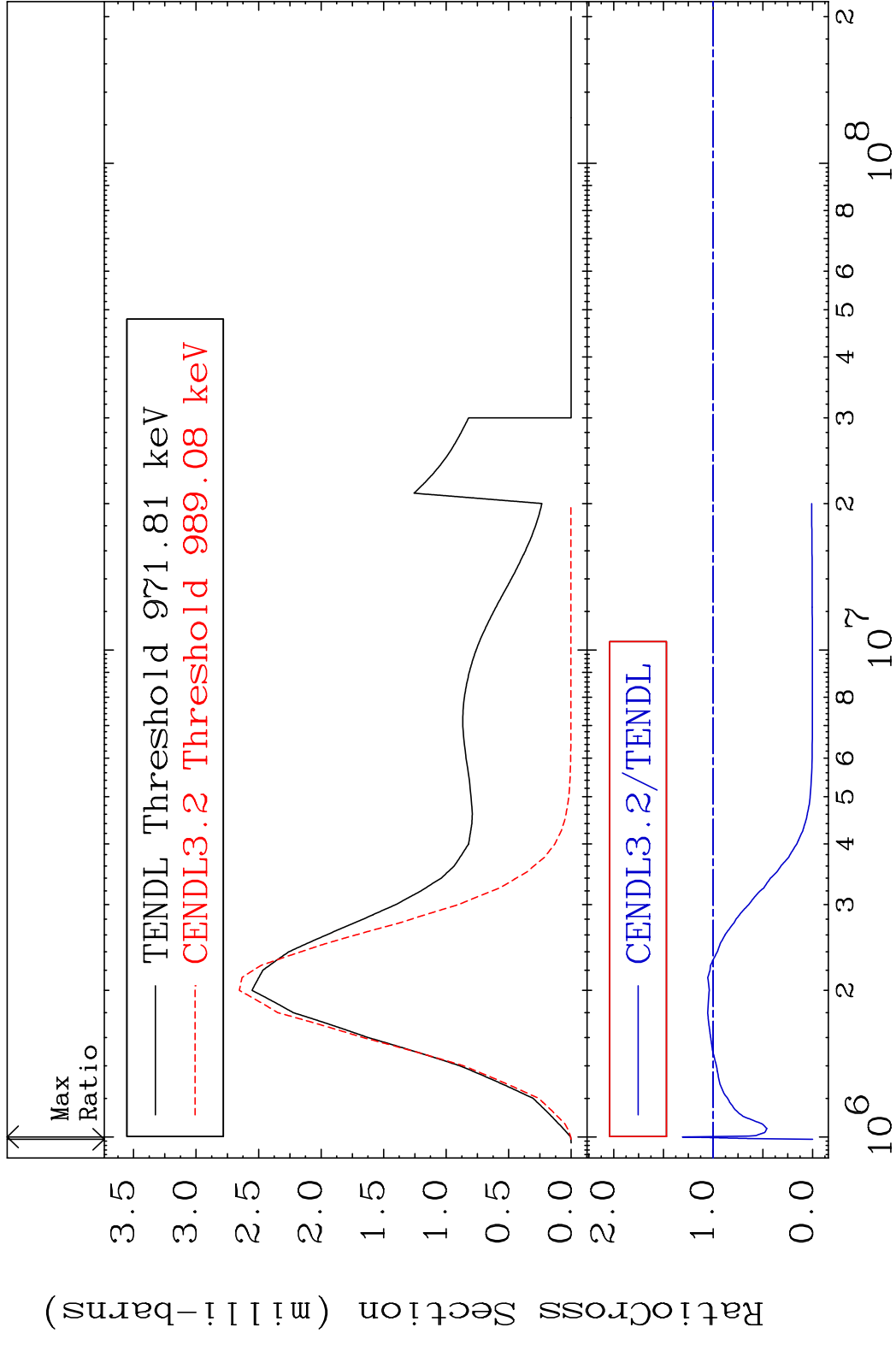
92-U -232

MAT 9219 MT= 65 (n, n') Level 92-U -232  
 Cross Section -100.0 To 9999. %



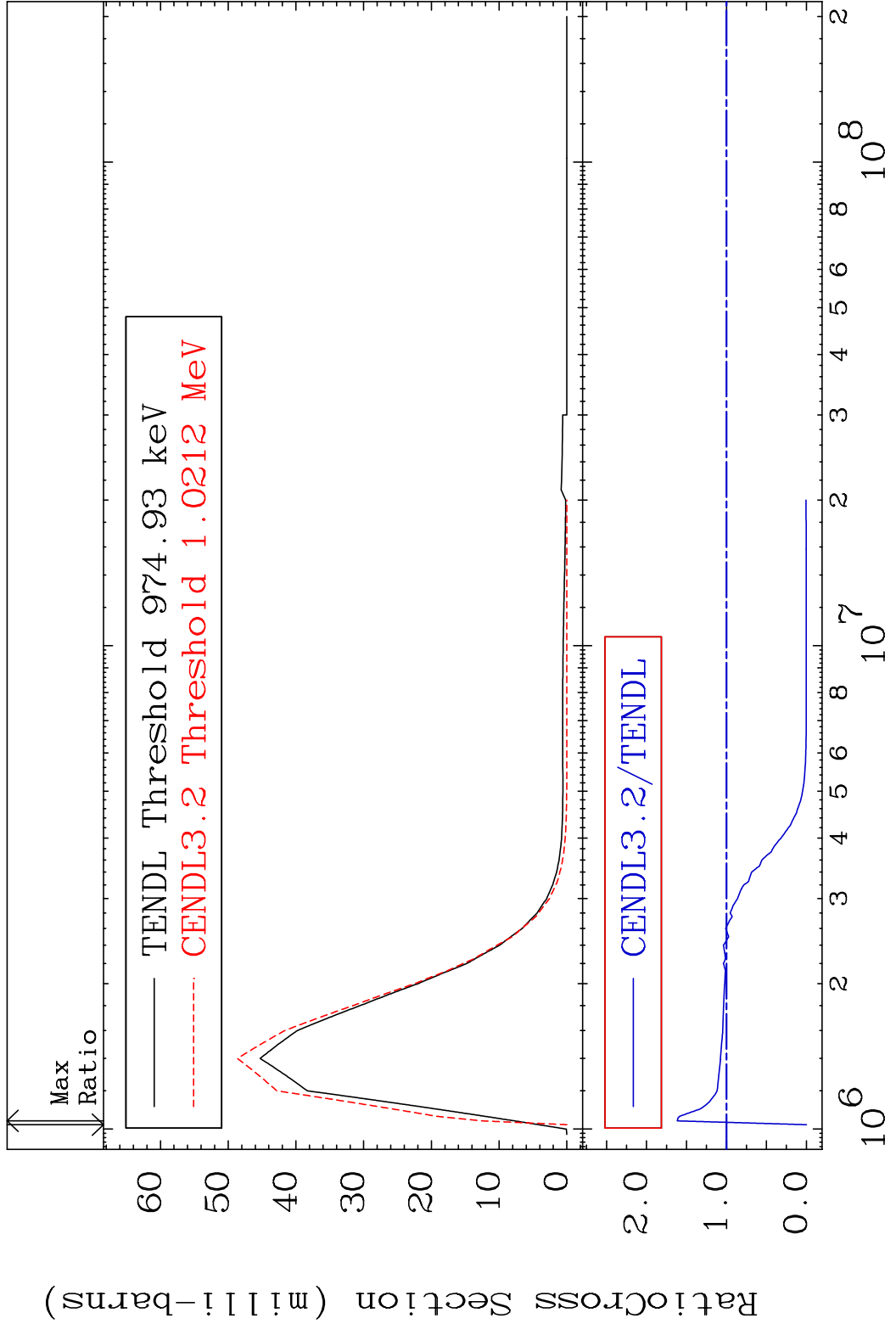
21 Incident Energy (eV) 92-U -232

MAT 9219 MT= 66 (n,n') Level 92-U -232  
 Cross Section -100.0 To 30.97 %



22 Incident Energy (eV) 92-U -232

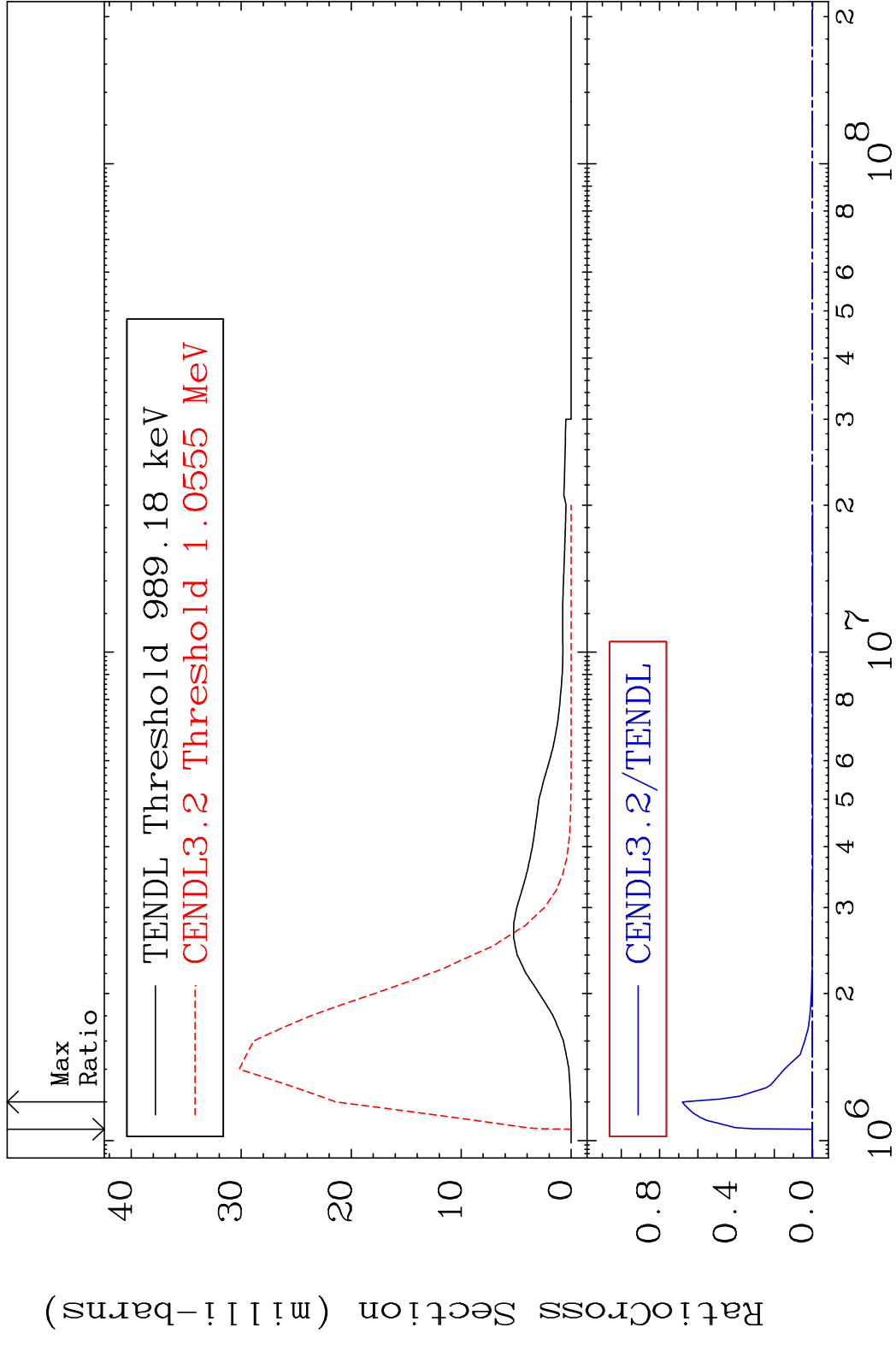
MAT 9219 MT= 67 (n, n') Level 92-U -232  
 Cross Section -100.0 To 61.64 %



23 Incident Energy (eV) 92-U -232

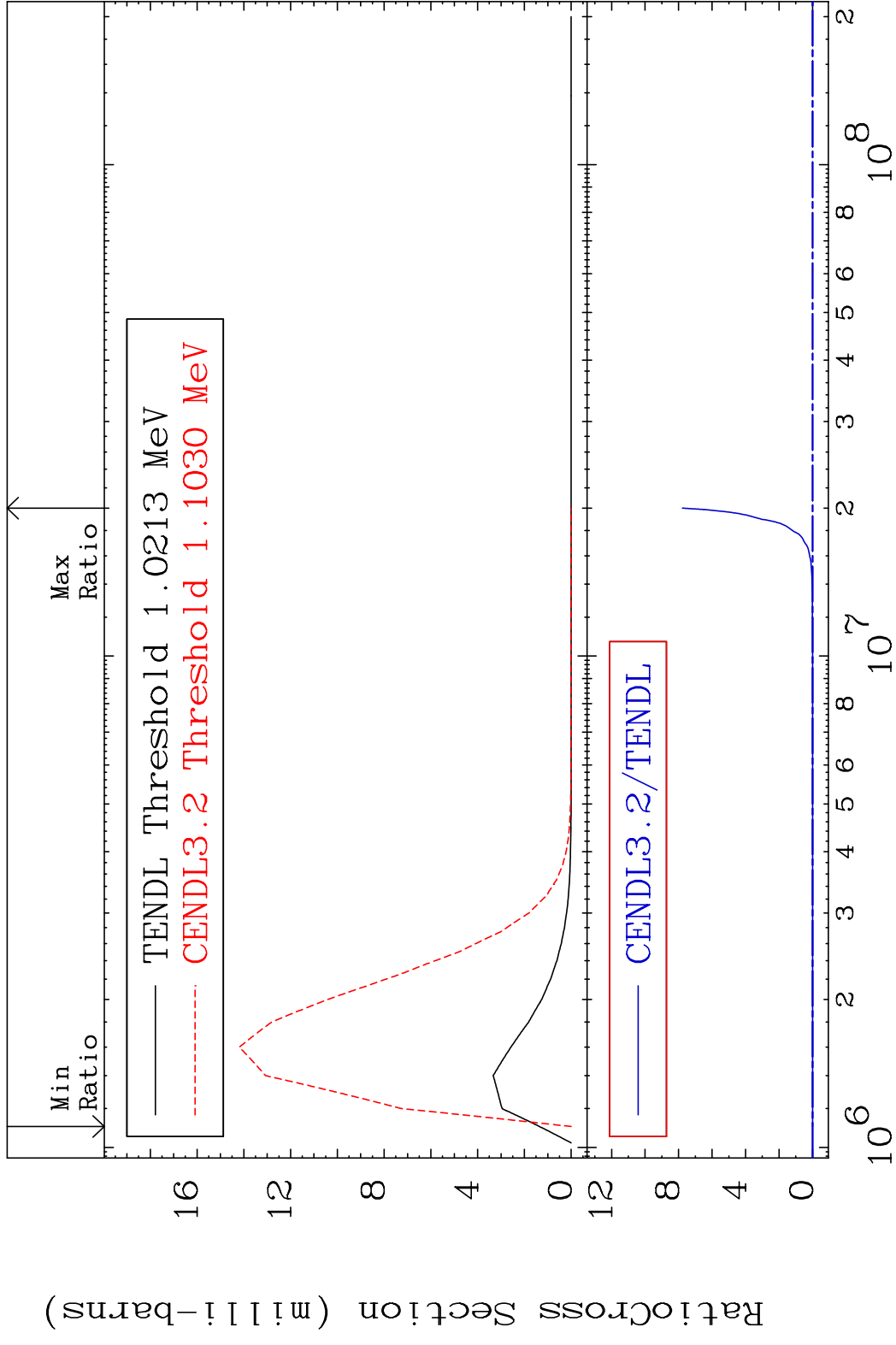


MAT 9219 MT= 68 (n,n') Level 92-U -232  
 Cross Section -100.0 To 9999. %



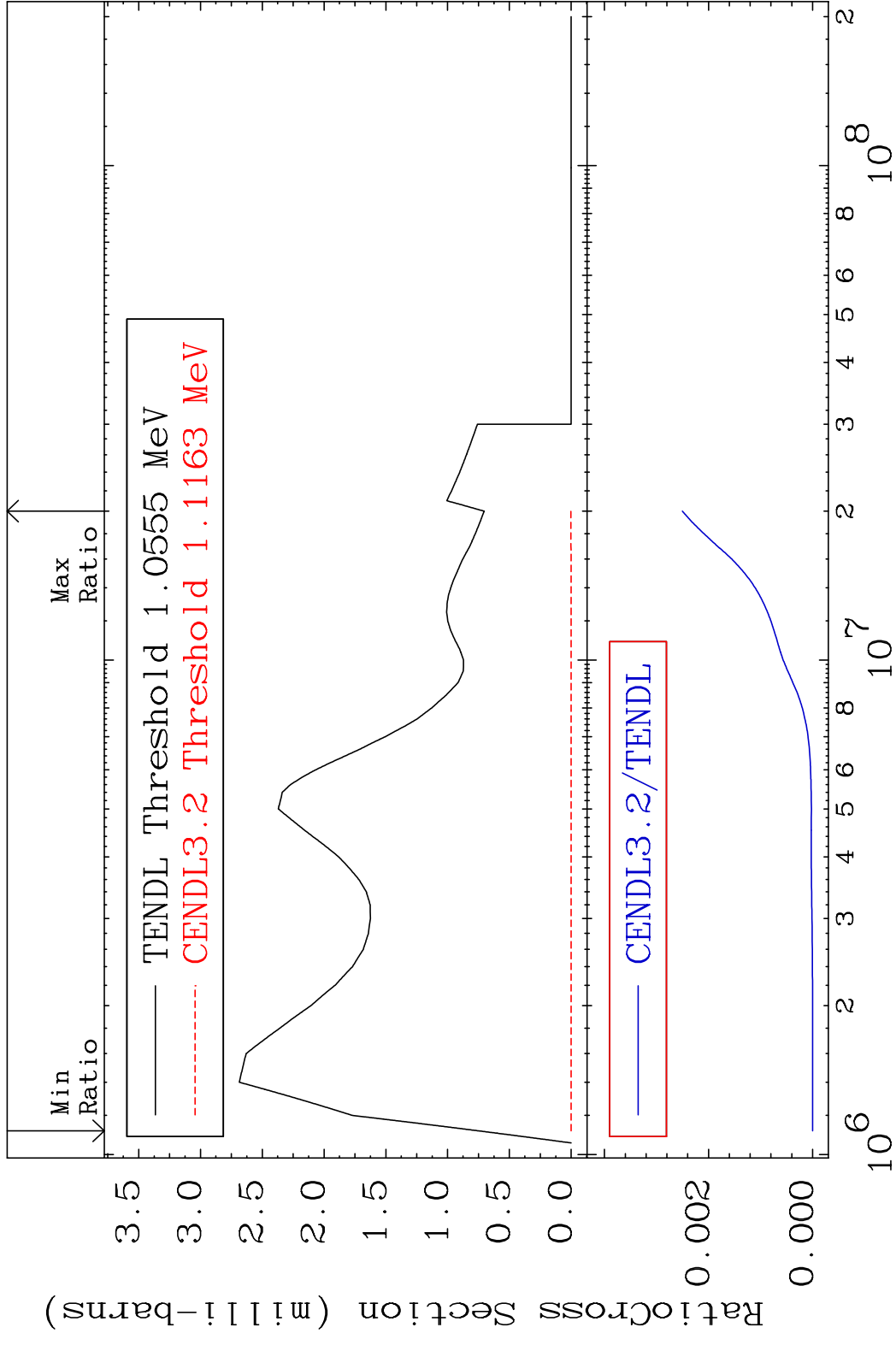
24 92-U -232

MAT 9219 MT= 69 (n, n') Level 92-U -232  
 Cross Section -100.0 To 9999. %



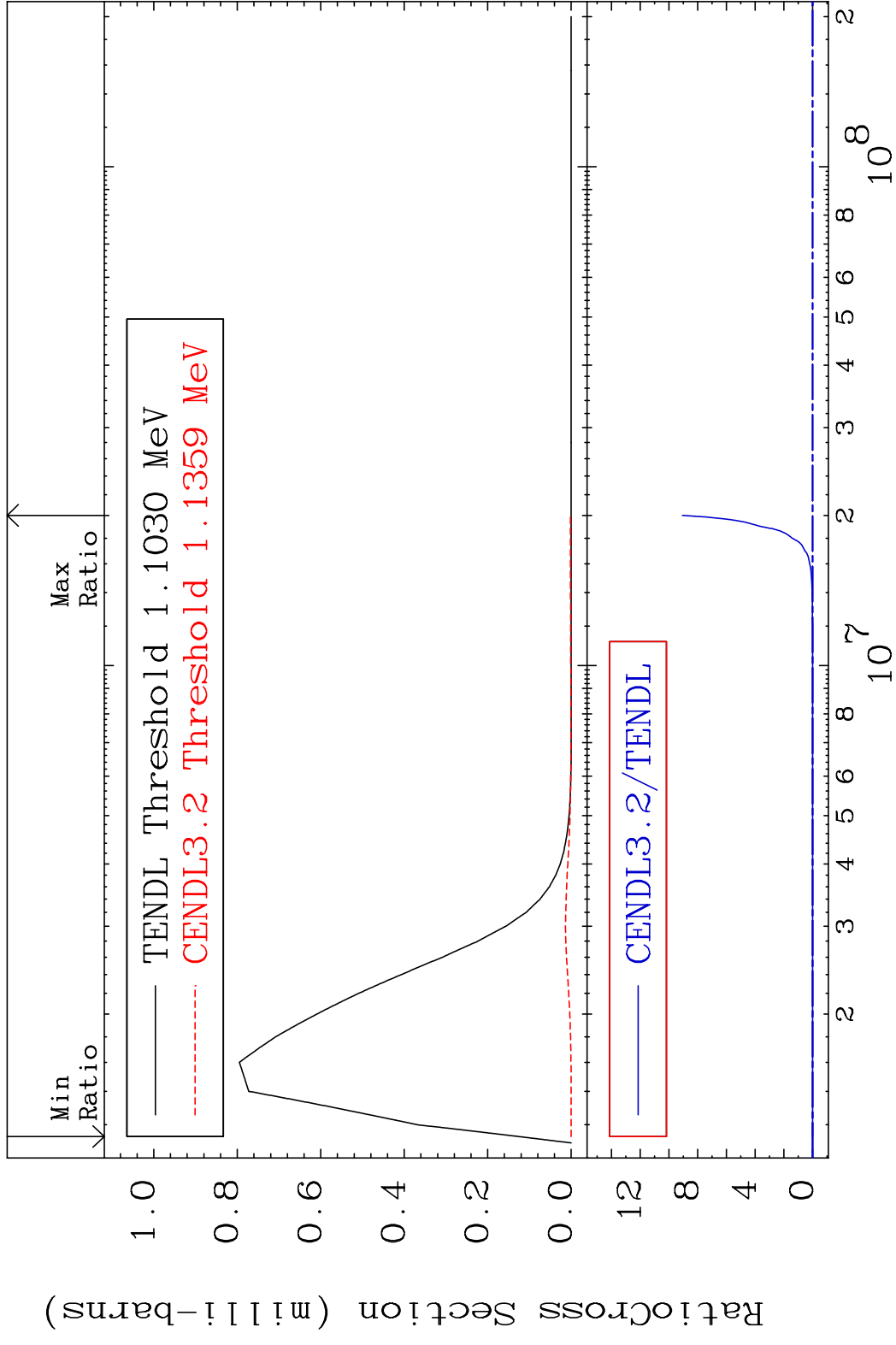
25 Incident Energy (eV) 92-U -232

MAT 9219 MT= 70 (n, n') Level 92-U -232  
 Cross Section -100.0 To -99.75%

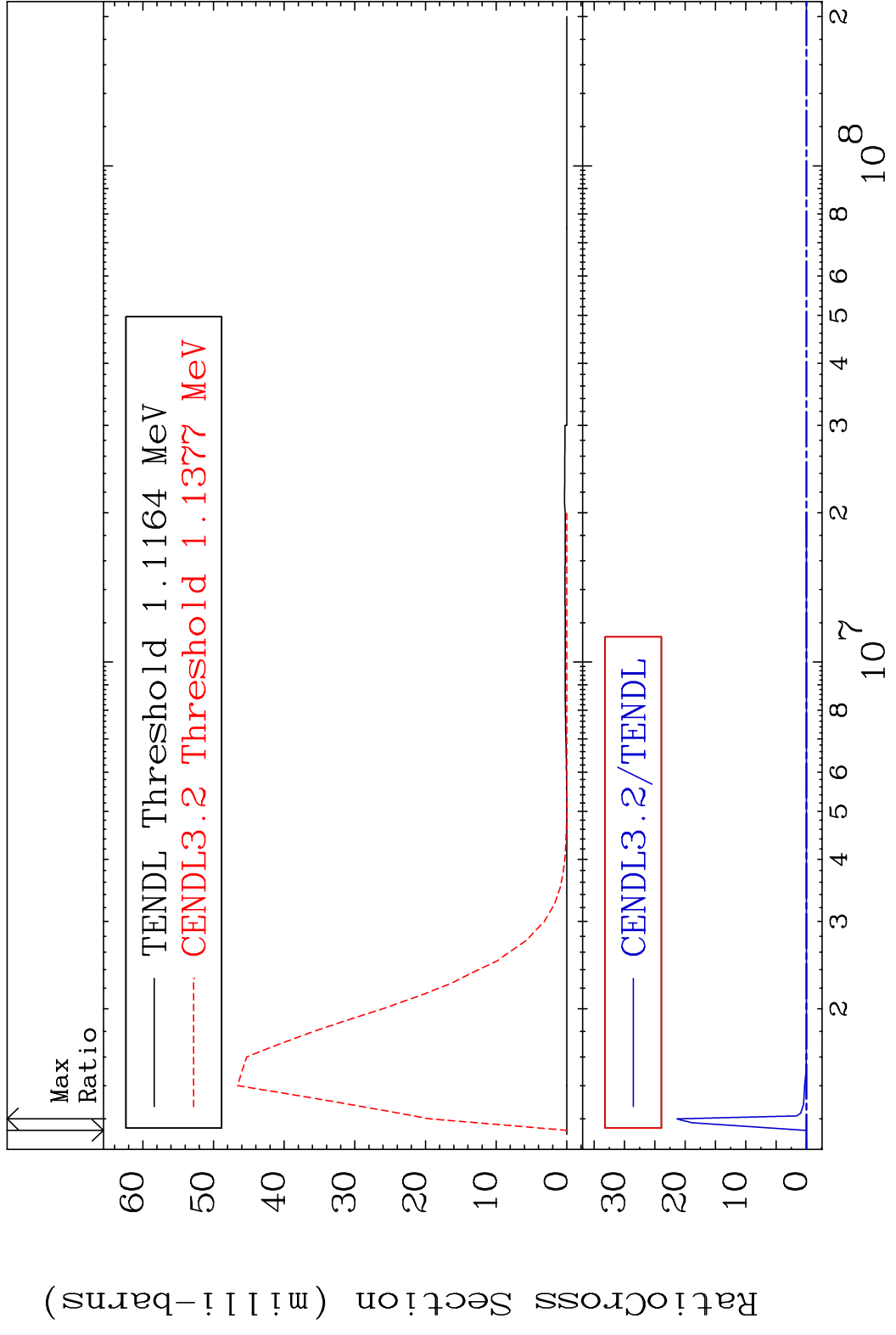


26 Incident Energy (eV) 92-U -232

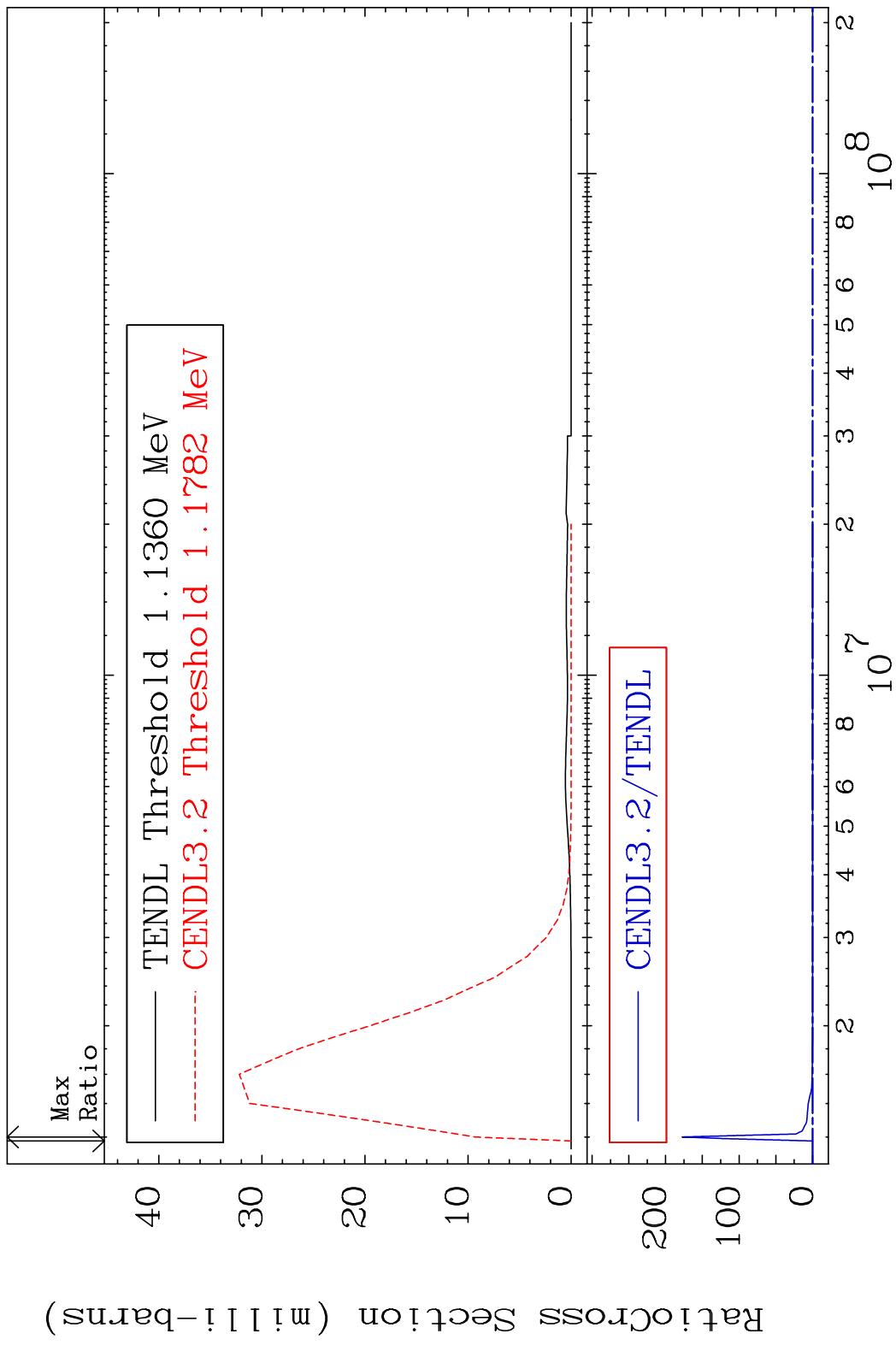
MAT 9219 MT= 71 (n, n') Level 92-U -232  
 Cross Section -100.0 To 9999. %



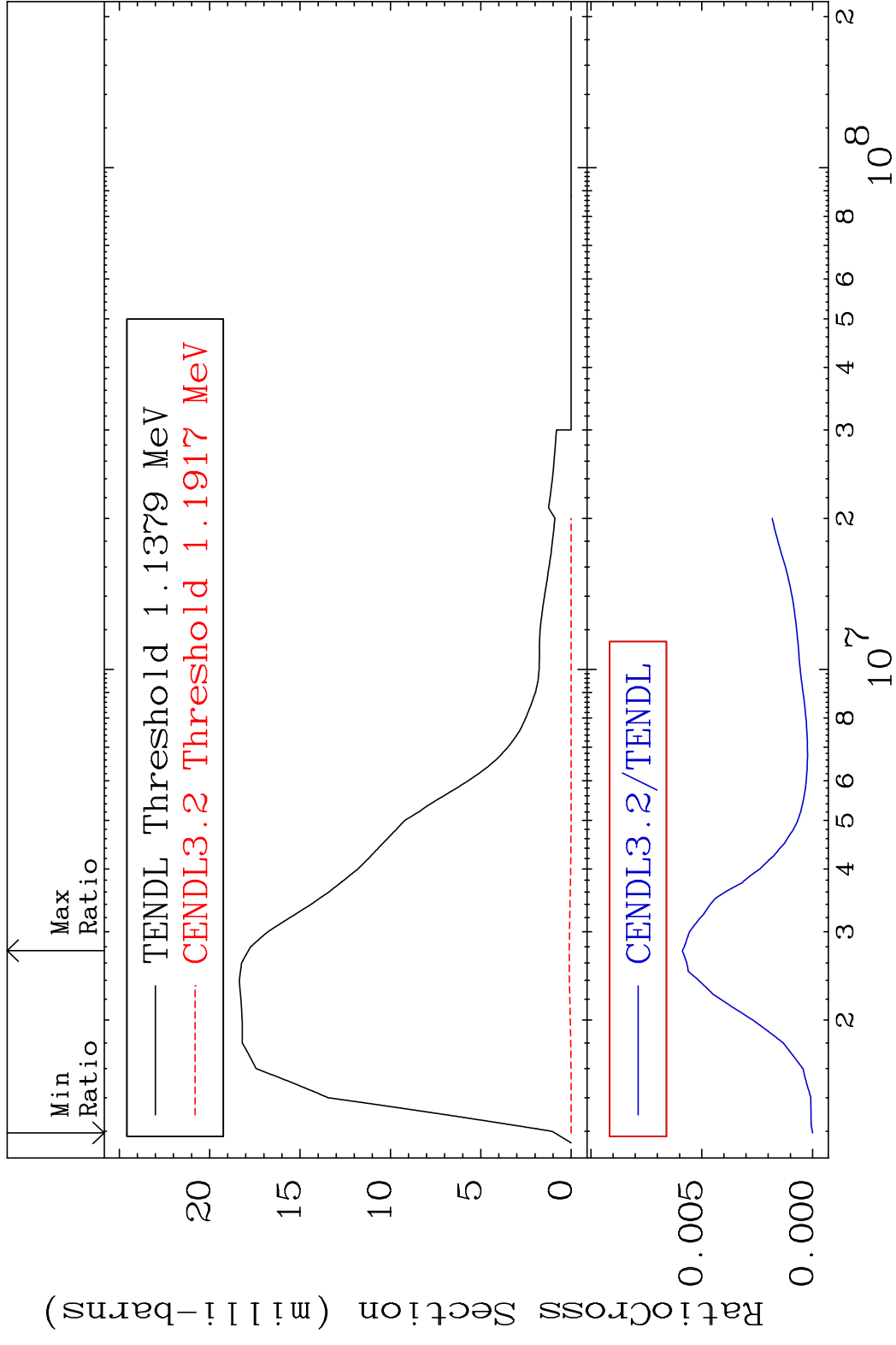
MAT 9219 MT= 72 (n, n') Level 92-U -232  
 Cross Section -100.0 To 9999. %



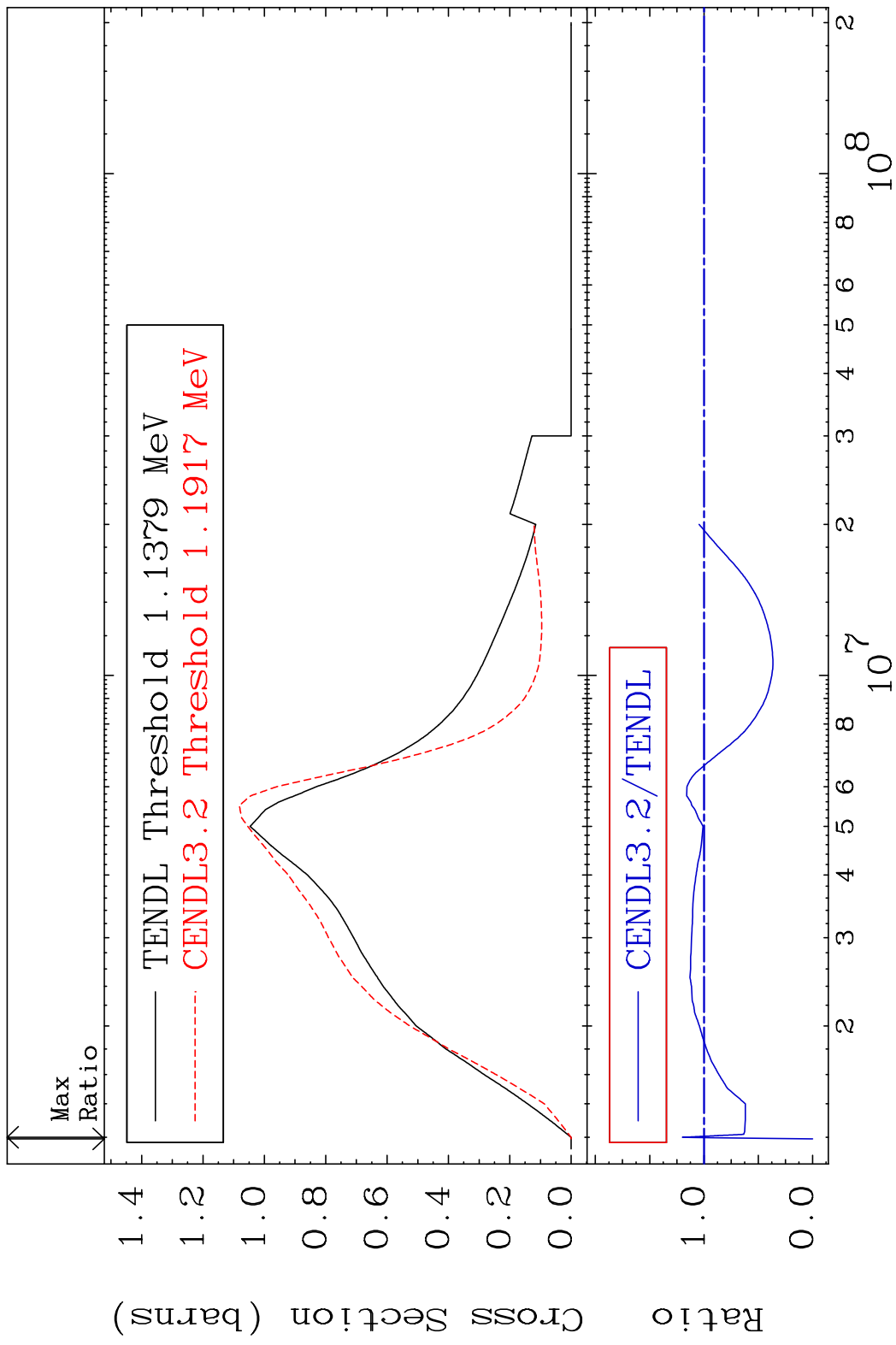
MAT 9219      MT= 73 (n,n') Level      92-U -232  
 Cross Section    -100.0 To 9999. %



MAT 9219 MT= 74 (n,n') Level 92-U -232  
 Cross Section -100.0 To -99.41%



MAT 9219 (n, n') Continuum 92-U -232  
 Cross Section -100.0 To 19.90 %



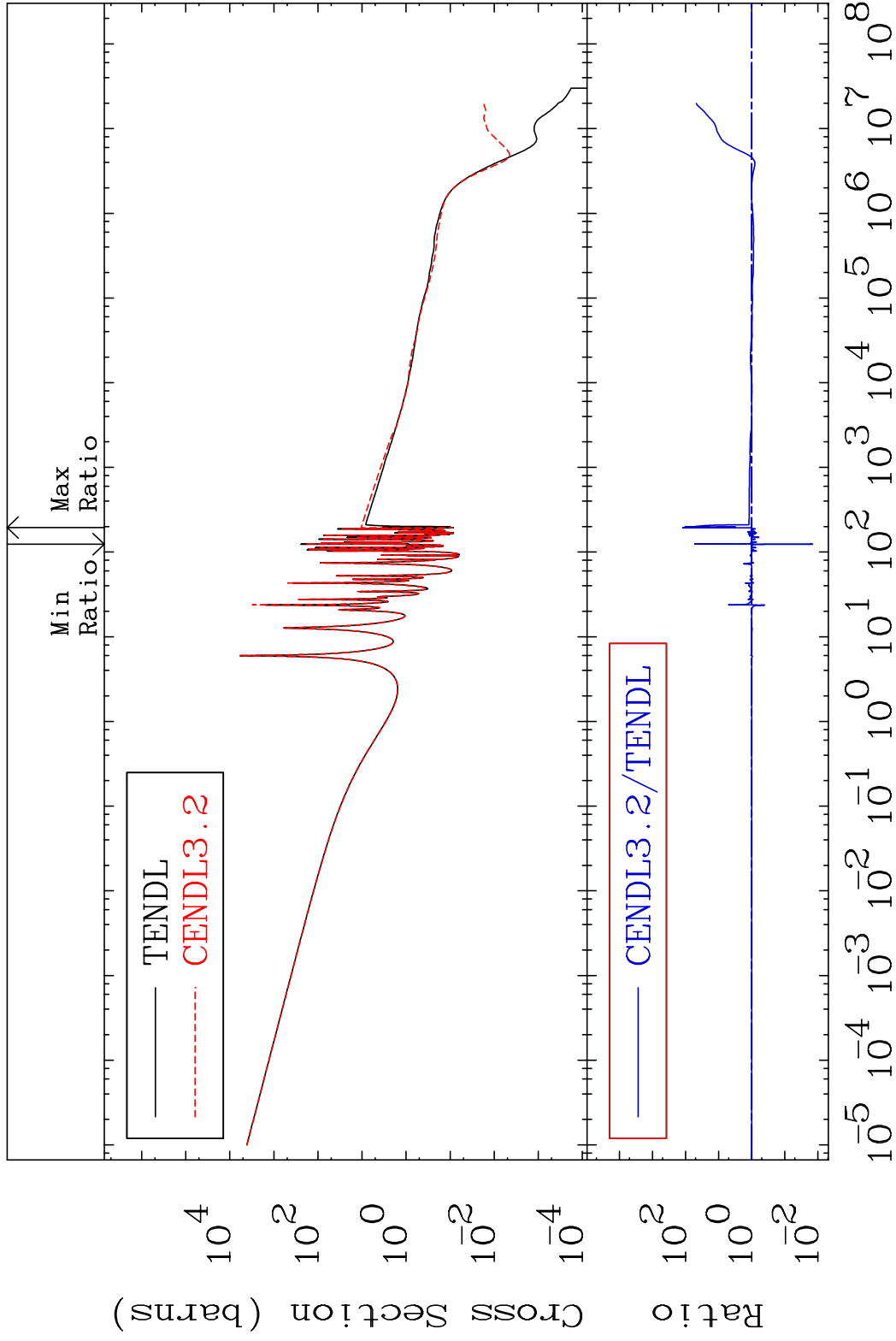


MAT 9219

(n,  $\gamma$ )

92-U -232

Cross Section -98.55 To 9999. %



32

Incident Energy (eV)

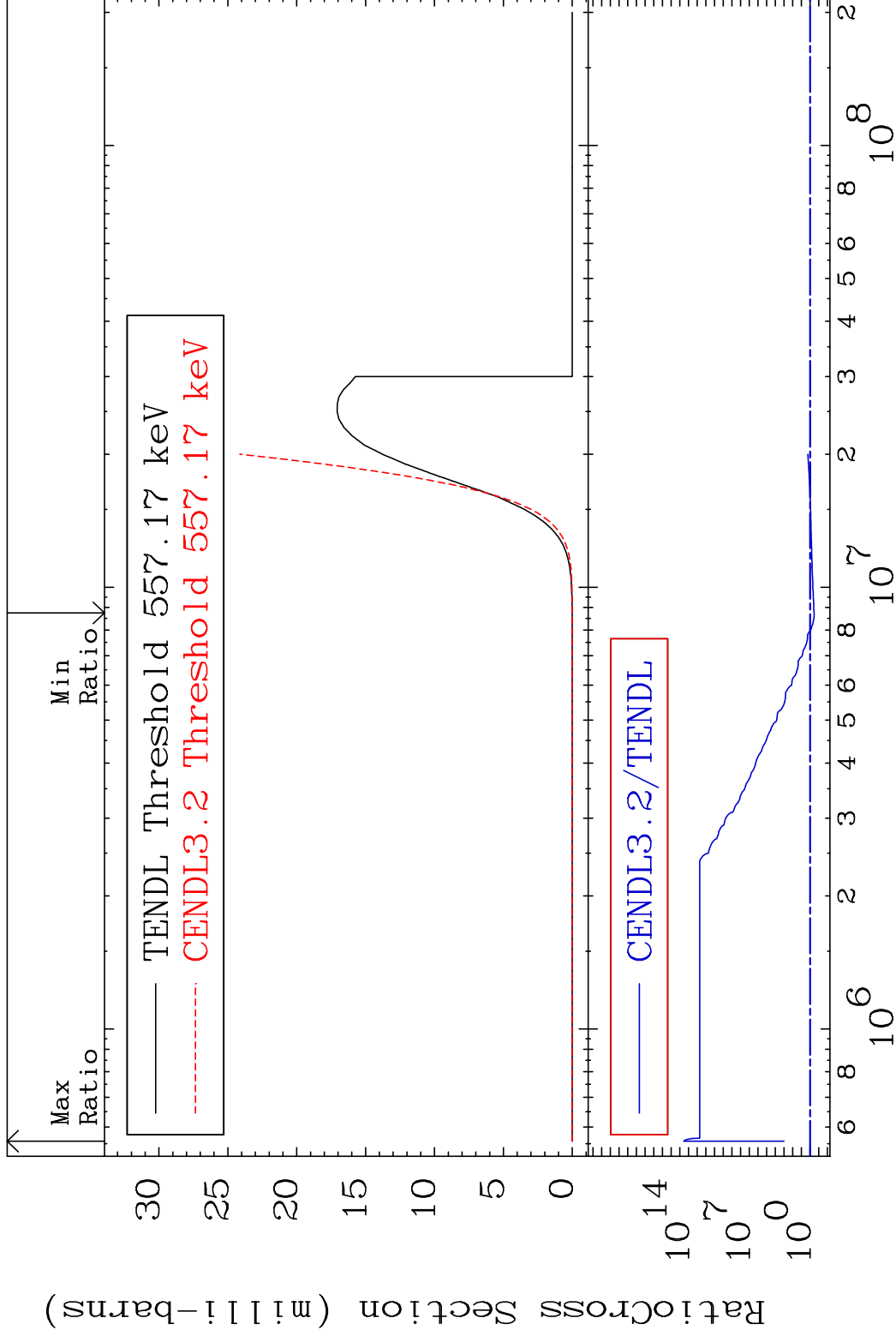
92-U -232

MAT 9219

(n,p)

92-U -232

Cross Section -66.75 To 9999. %

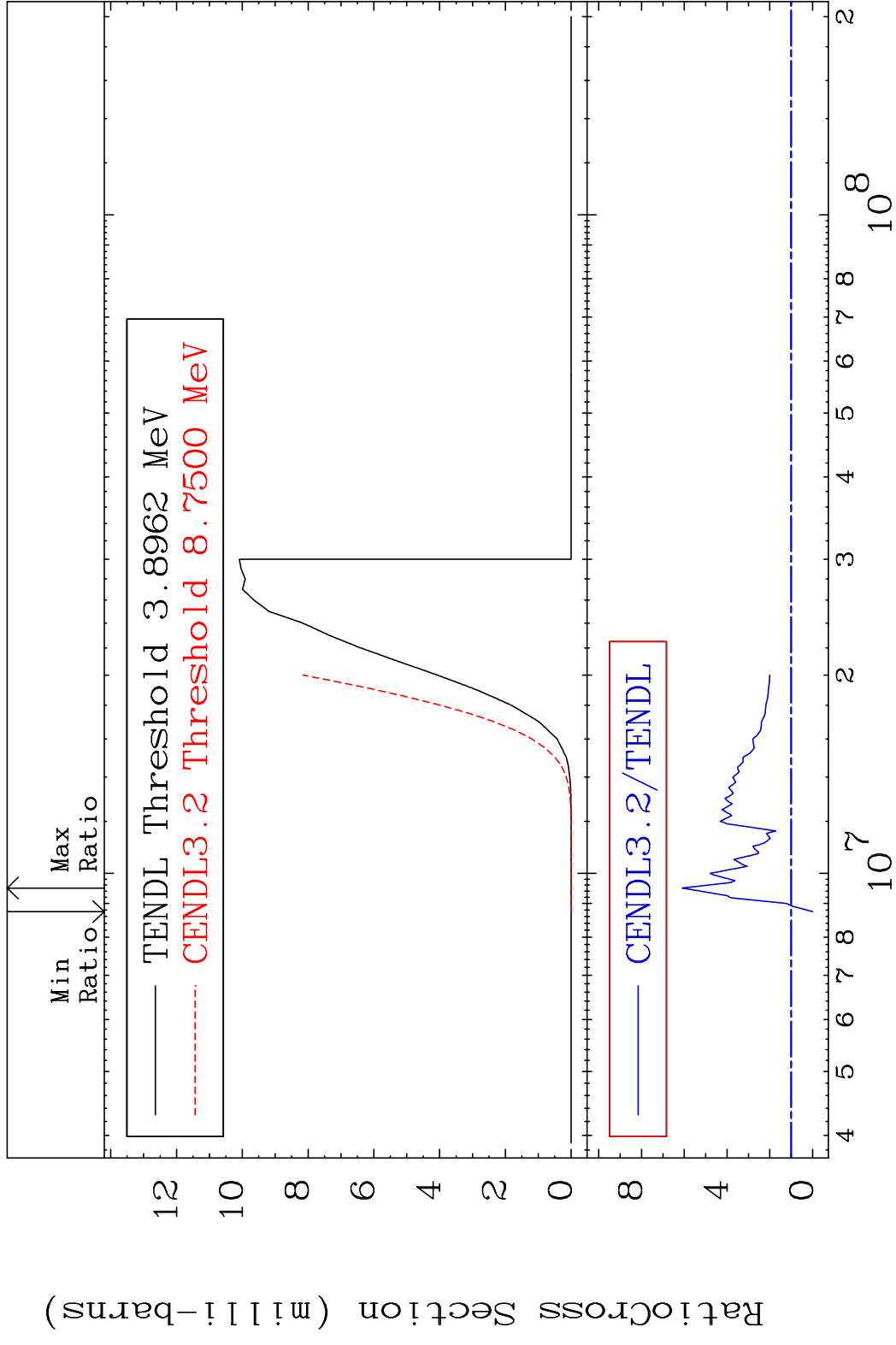


33

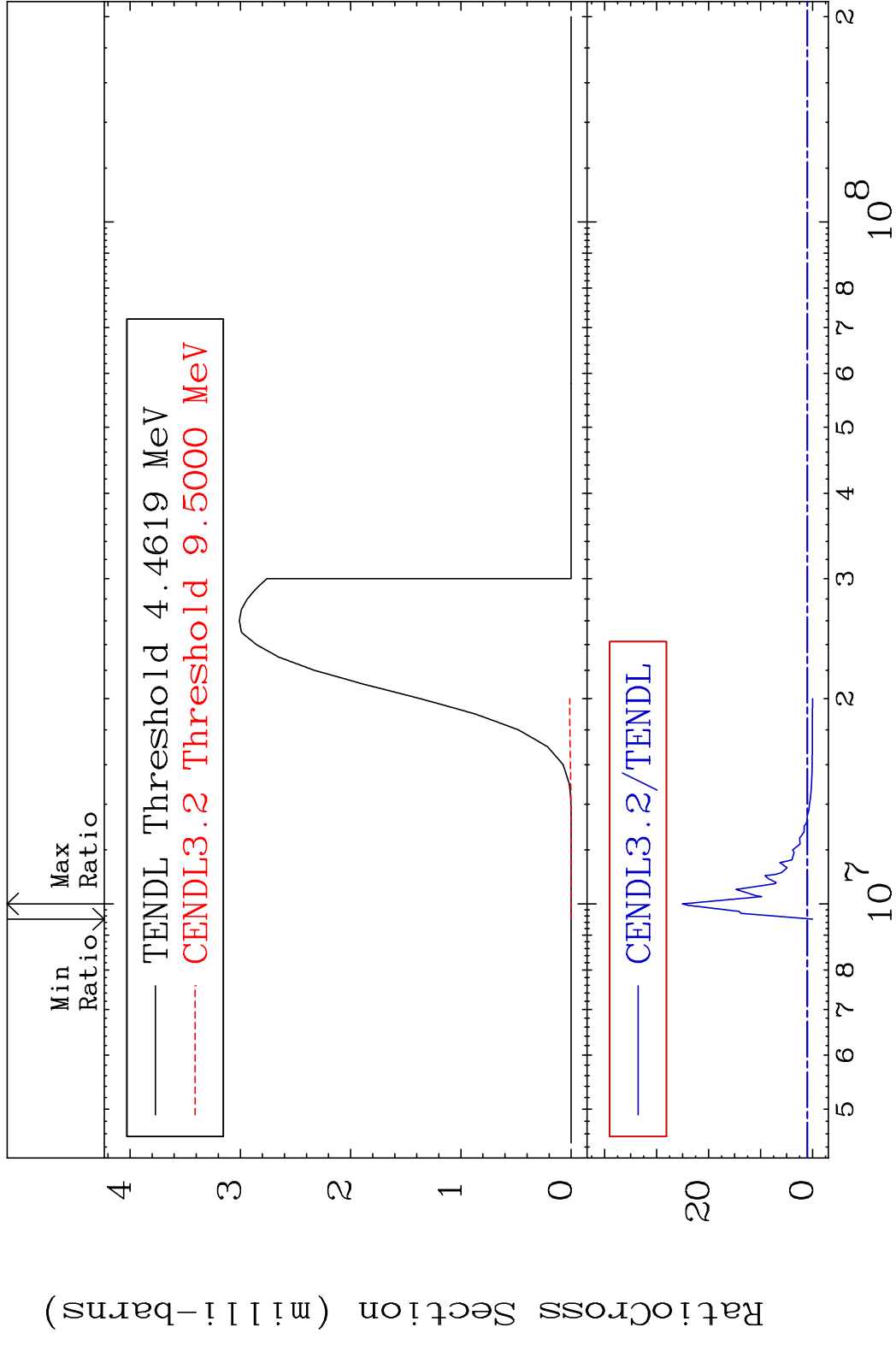
Incident Energy (eV)

92-U -232

MAT 9219 (n,d) 92-U -232  
 Cross Section -100.0 To 509.0 %



MAT 9219 (n, t) 92-U -232  
 Cross Section -100.0 To 2406. %

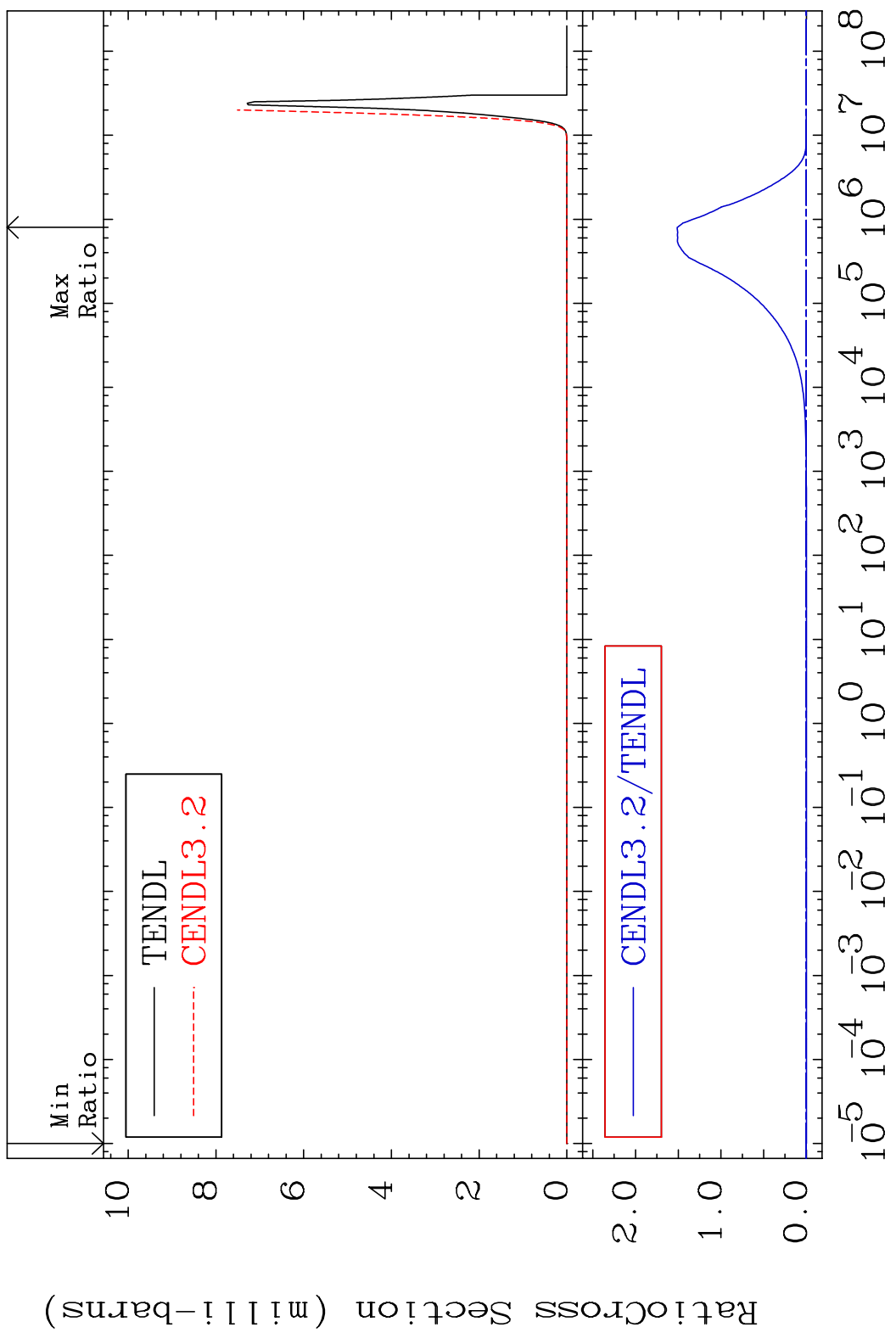


MAT 9219

(n,  $\alpha$ )

92-U -232

Cross Section -100.0 To 9999. %



36

Incident Energy (eV)

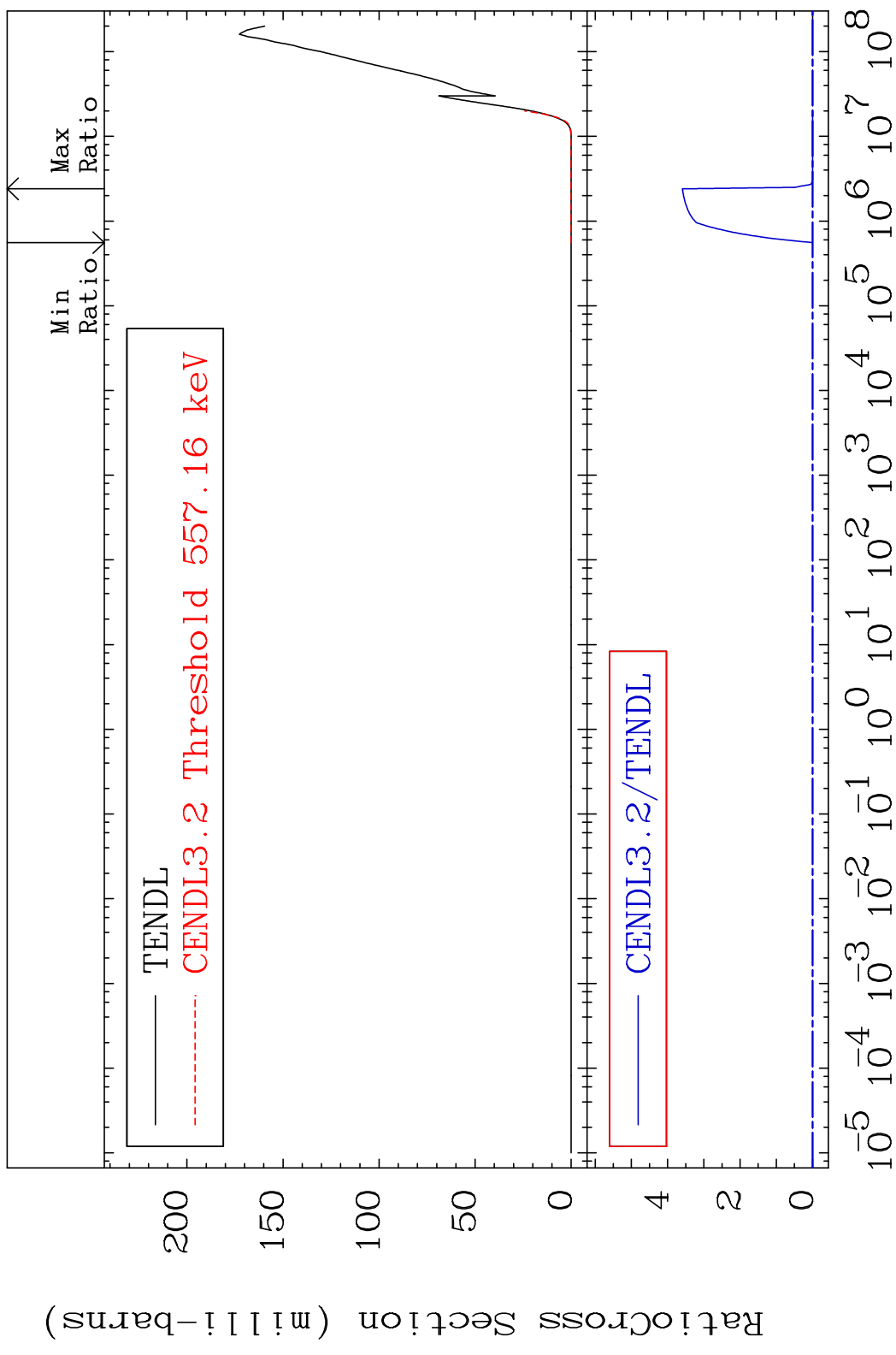
92-U -232

MAT 9219

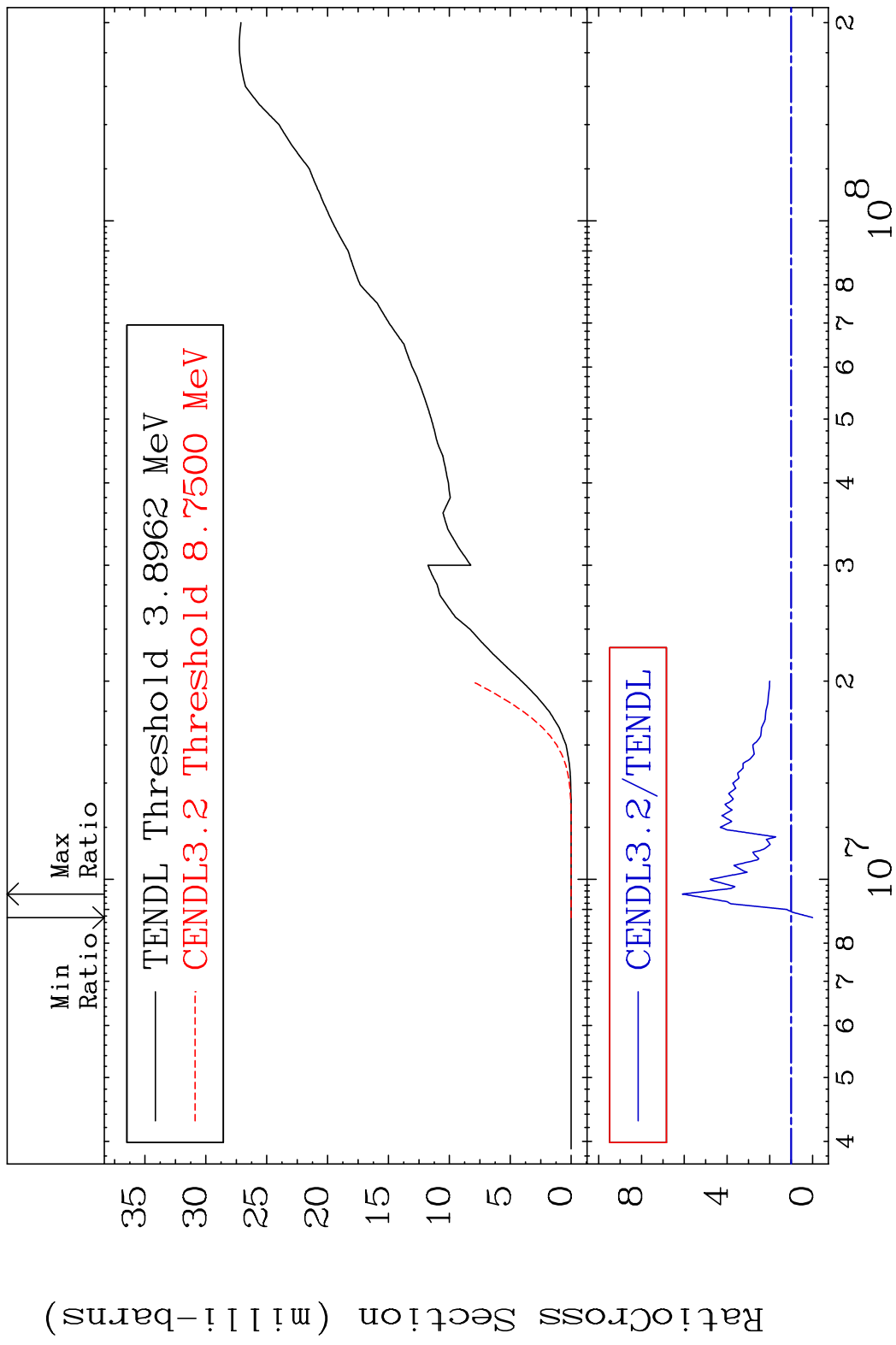
Hydrogen Production

92-U -232

Cross Section -100.0 To 9999. %

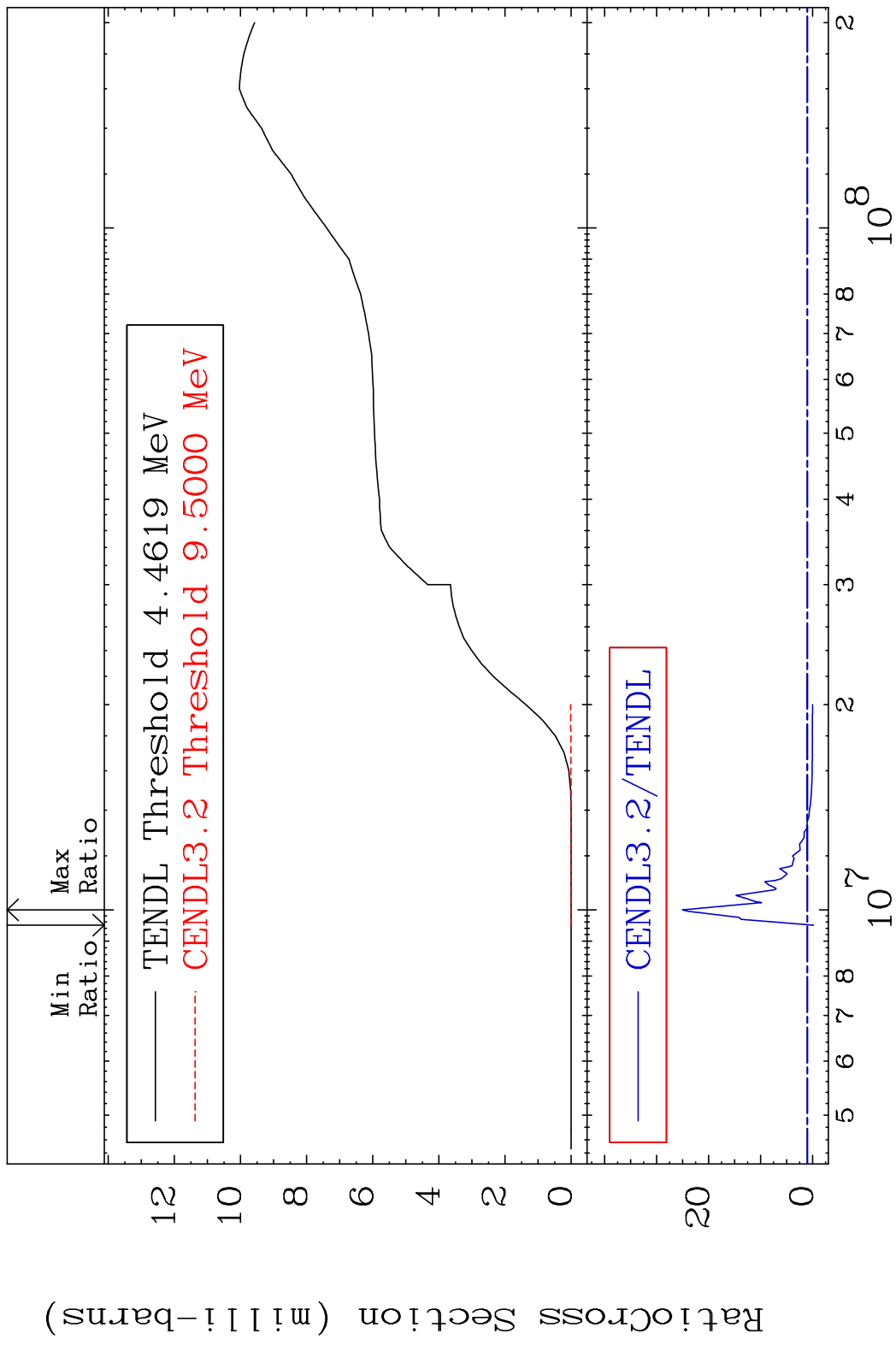


MAT 9219 Deuterium Production 92-U -232  
 Cross Section -100.0 To 509.0 %



38 Incident Energy (eV) 92-U -232

MAT 9219 Tritium Production 92-U -232  
 Cross Section -100.0 To 2406. %



39 Incident Energy (eV) 92-U -232

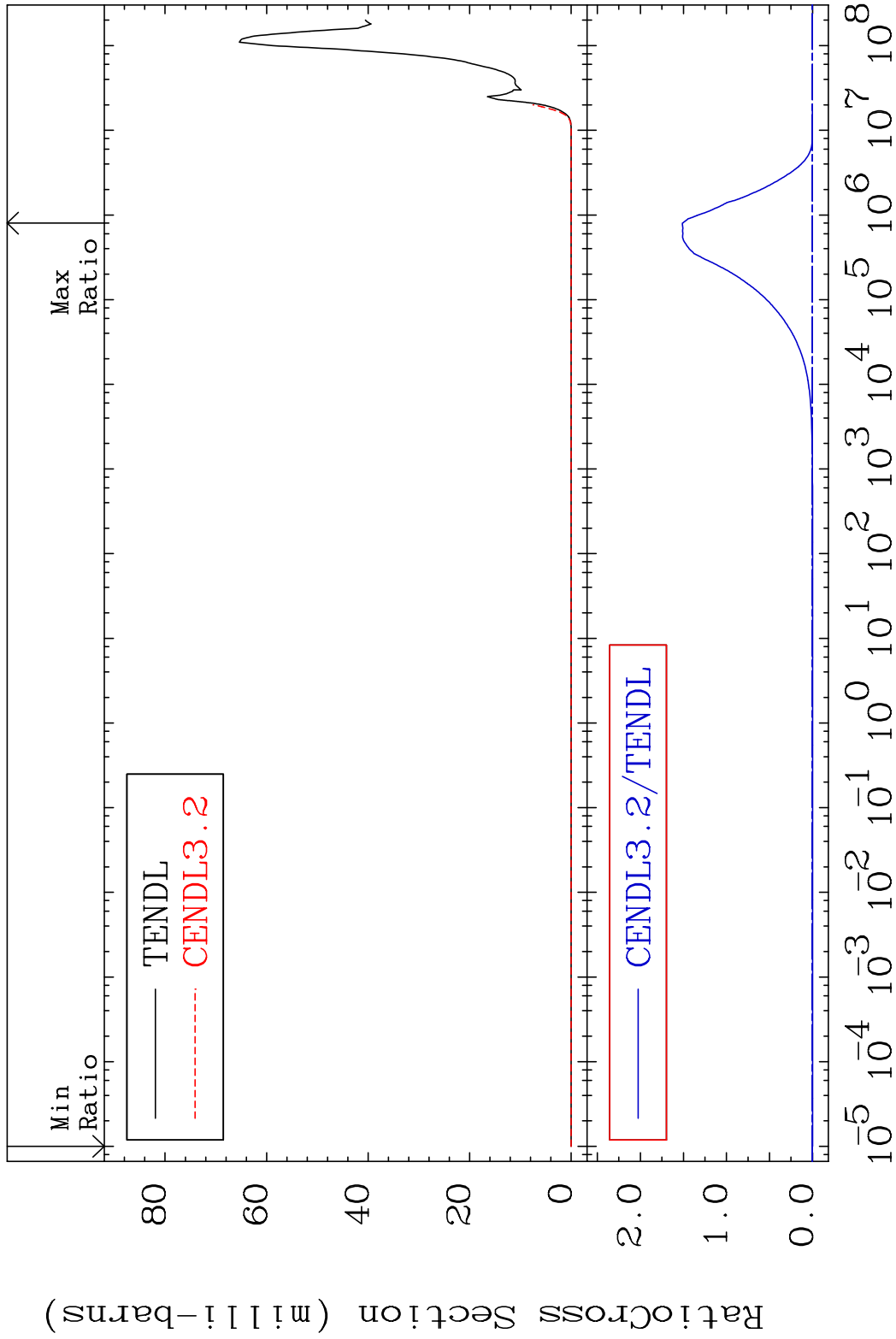


MAT 9219

He-4 Production

92-U -232

Cross Section -100.0 To 9999. %



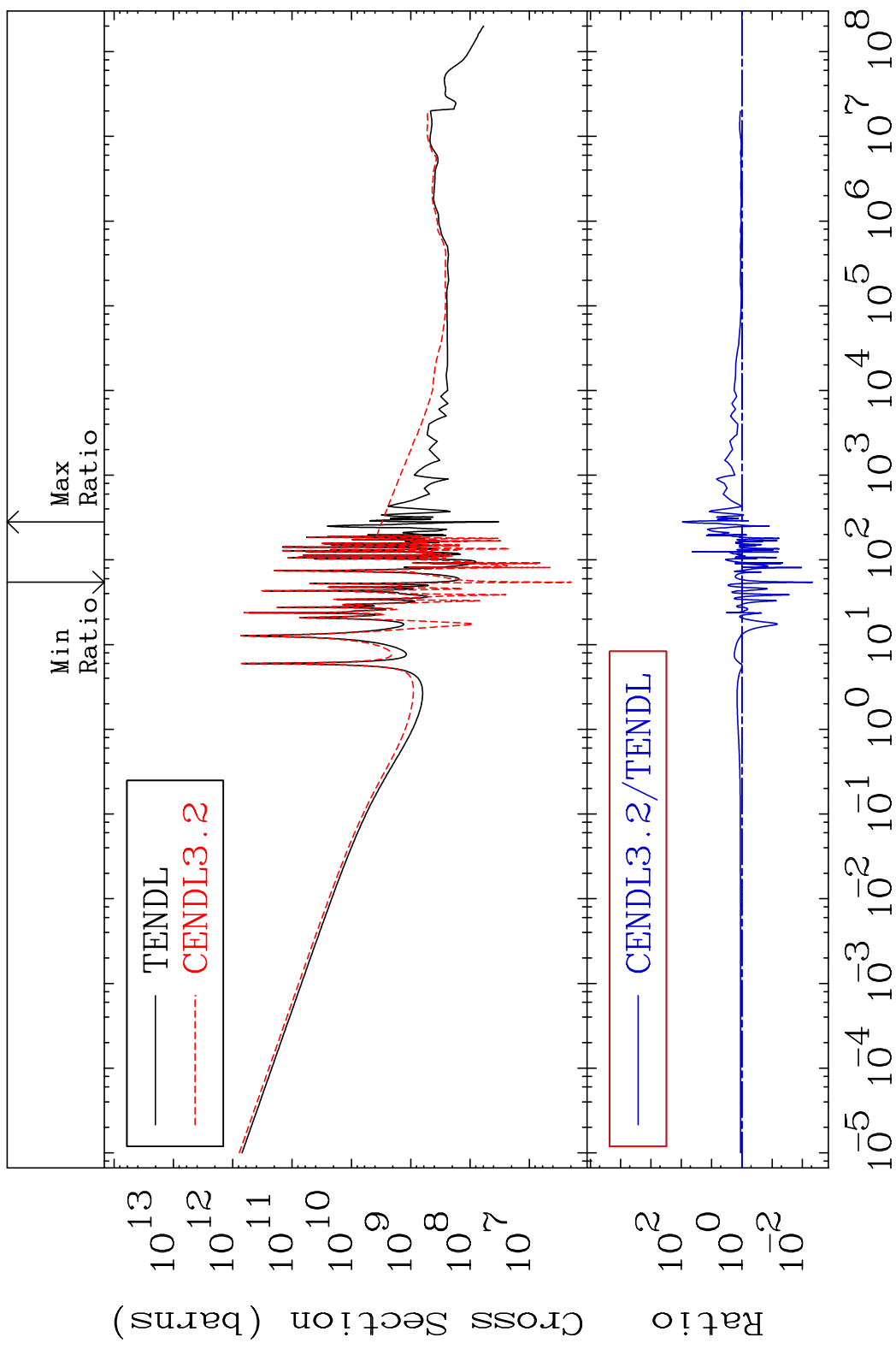
40

Incident Energy (eV)

92-U -232

MAT 9219

Kerma total (eV-barns) 92-U -232  
Cross Section -99.54 To 9117. %

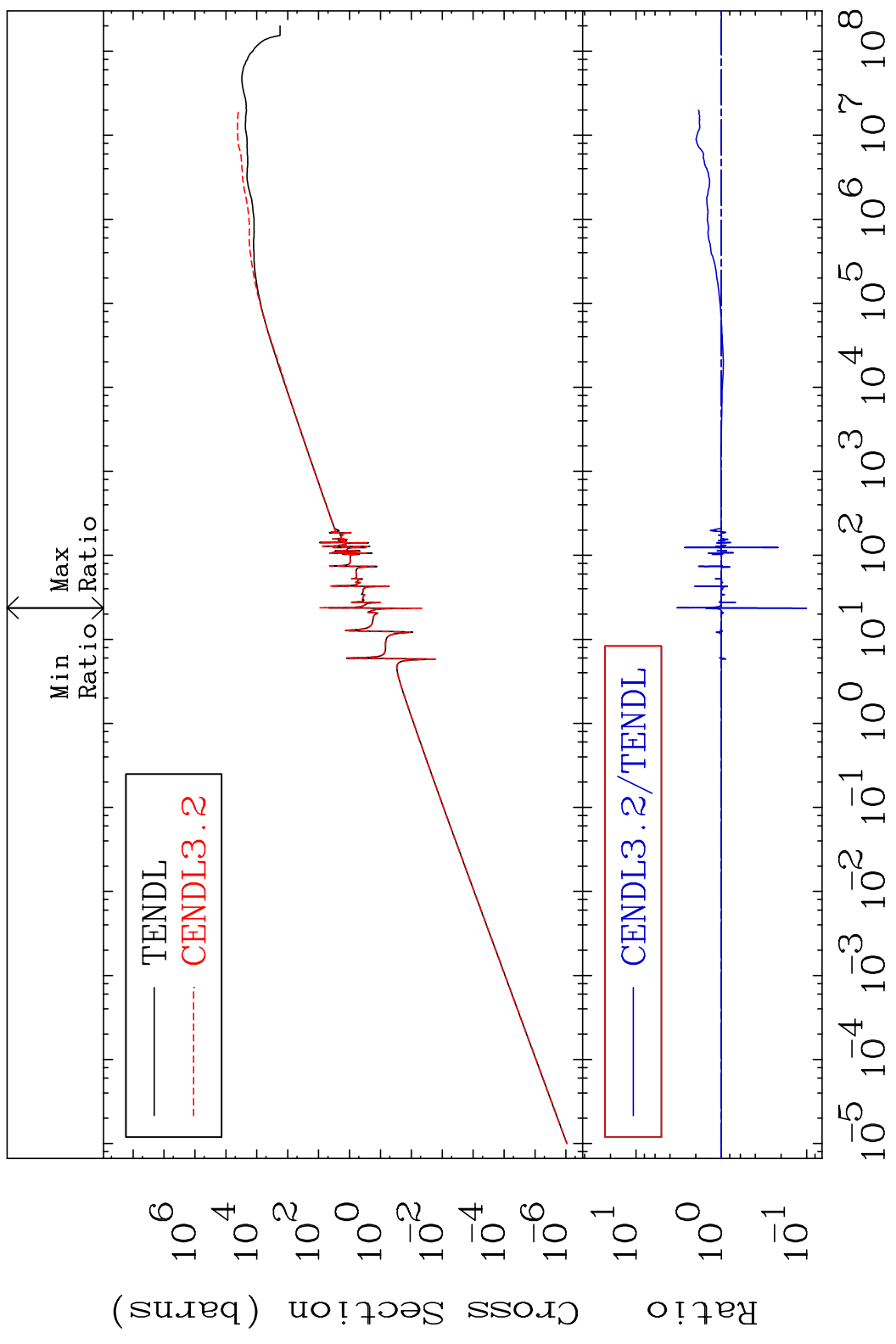


41

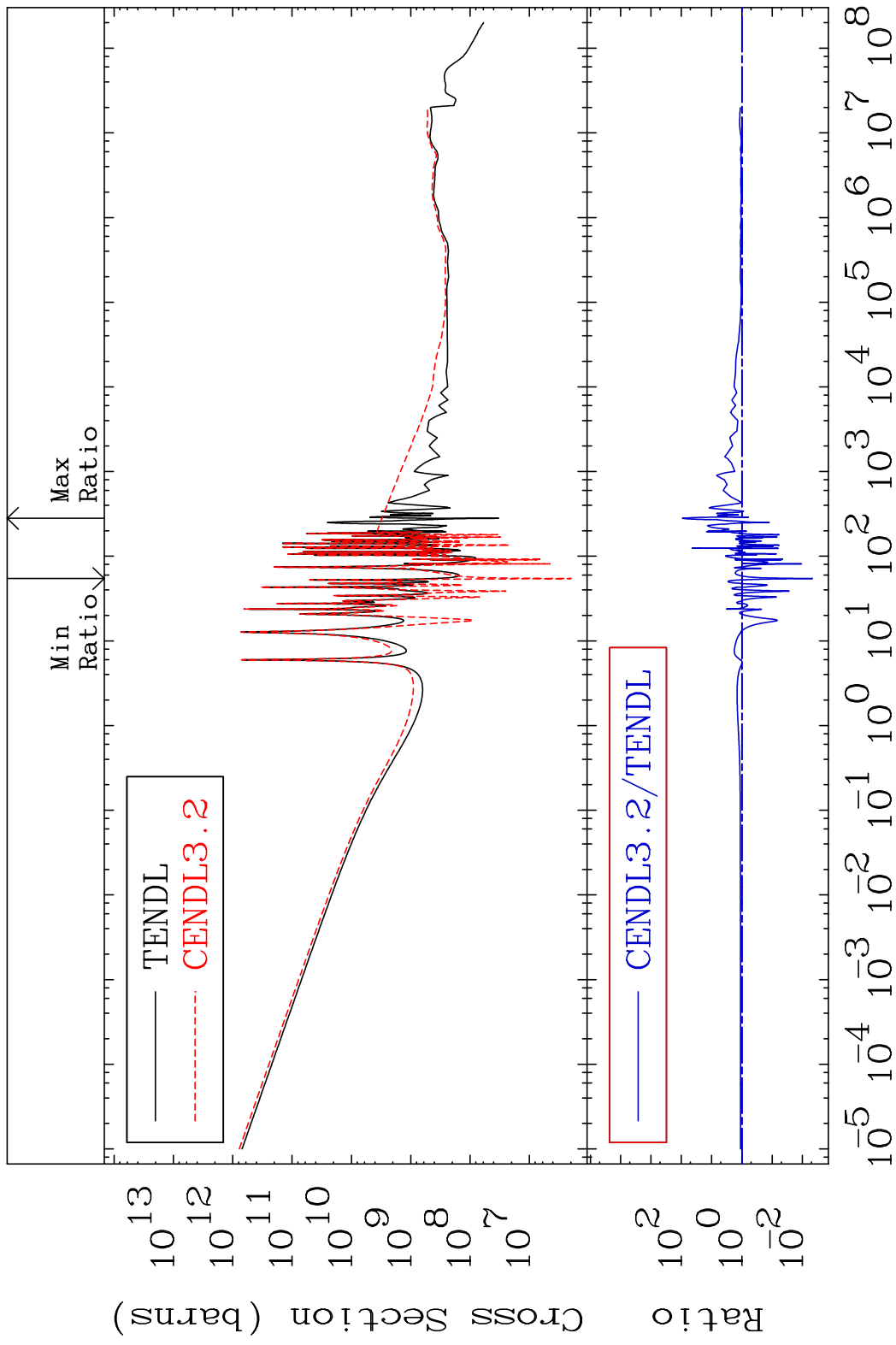
Incident Energy (eV) 92-U -232

MAT 9219

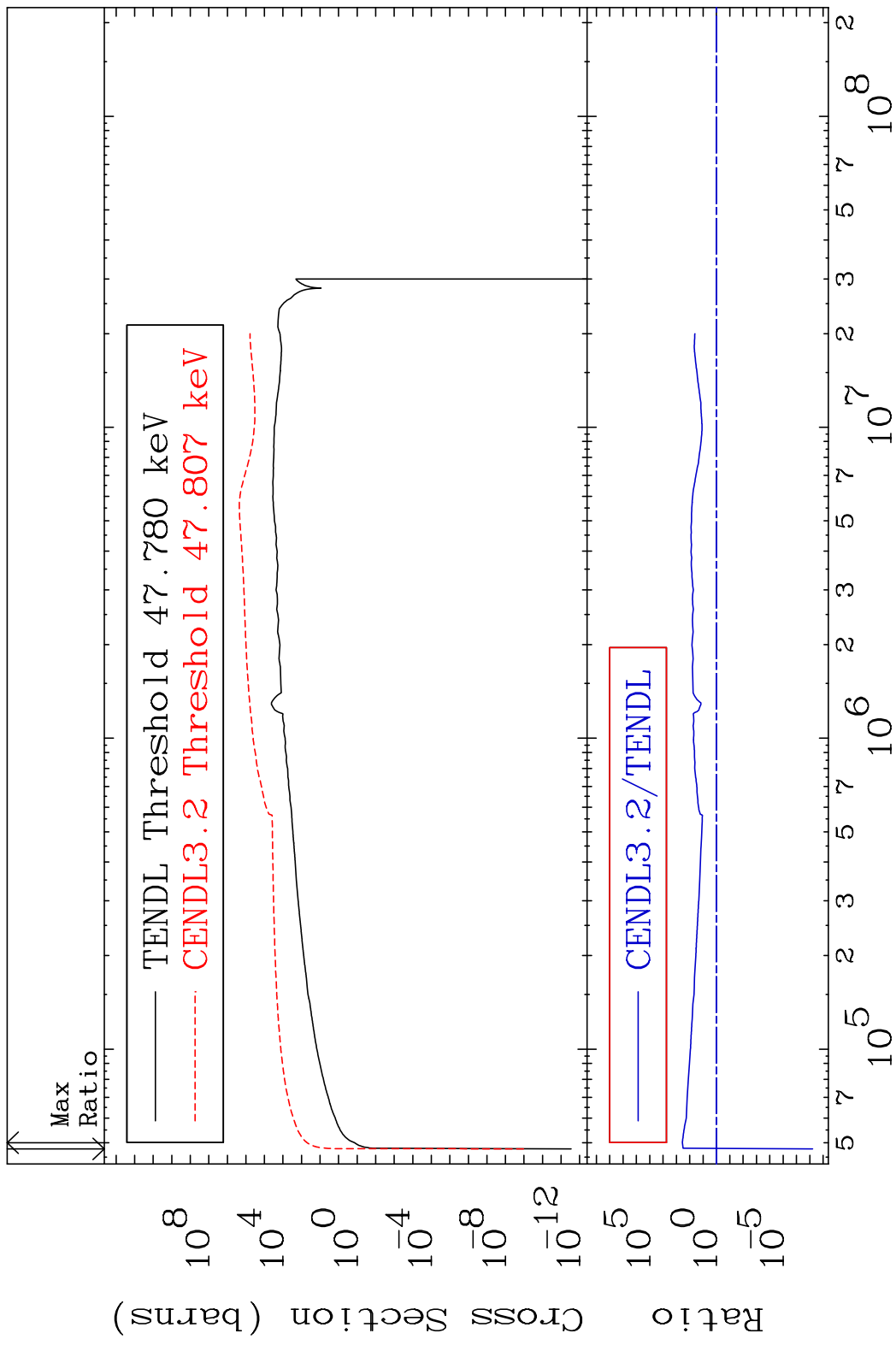
Kerma elastic 92-U -232  
Cross Section -89.90 To 229.8 %



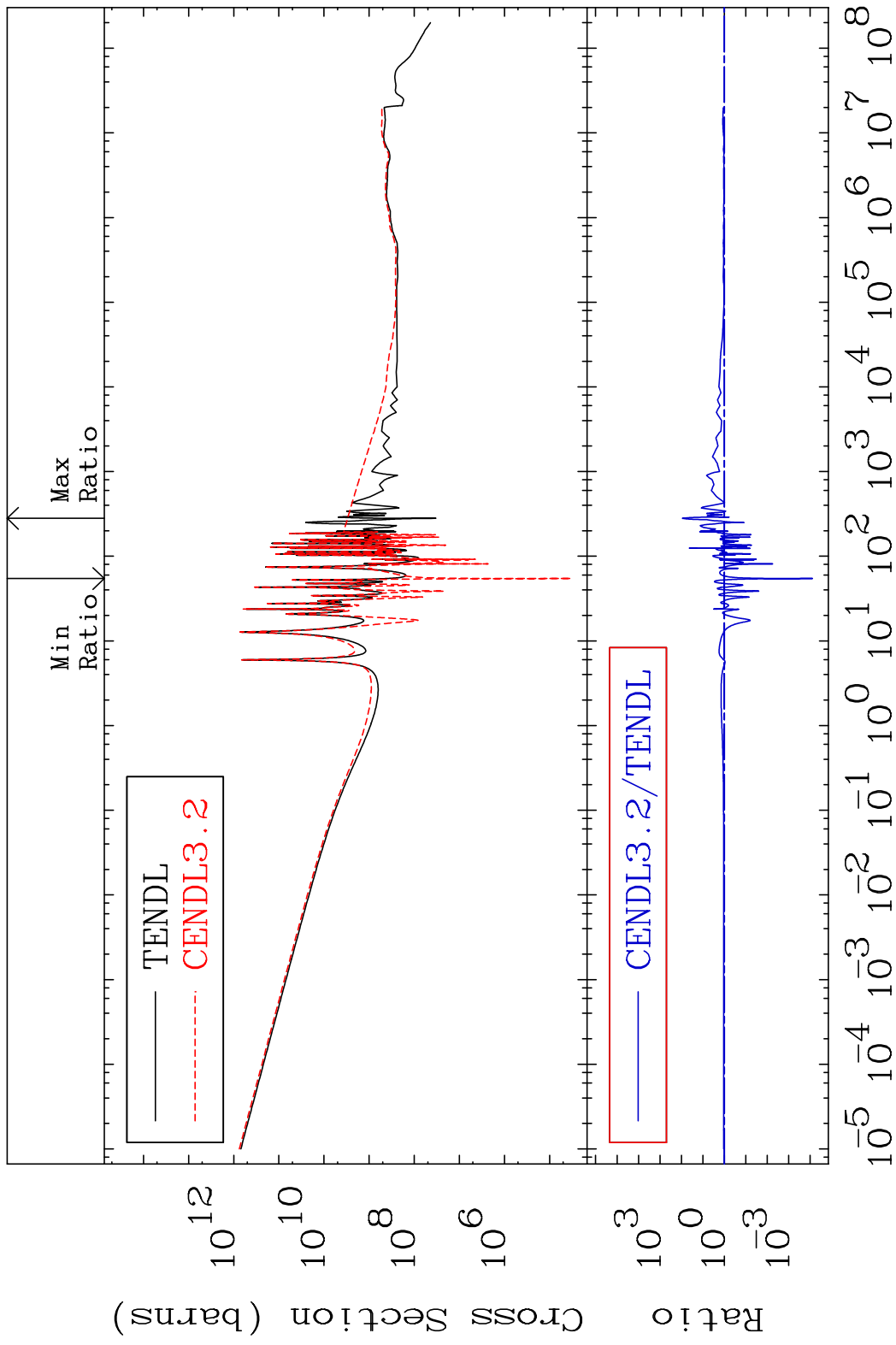
MAT 9219 Kerma non-elastic (all but mt2) 92-U -232  
 Cross Section -99.54 To 9117. %



MAT 9219 Kerma inelastic (mt51-91) 92-U -232  
 Cross Section -100.0 To 9999. %

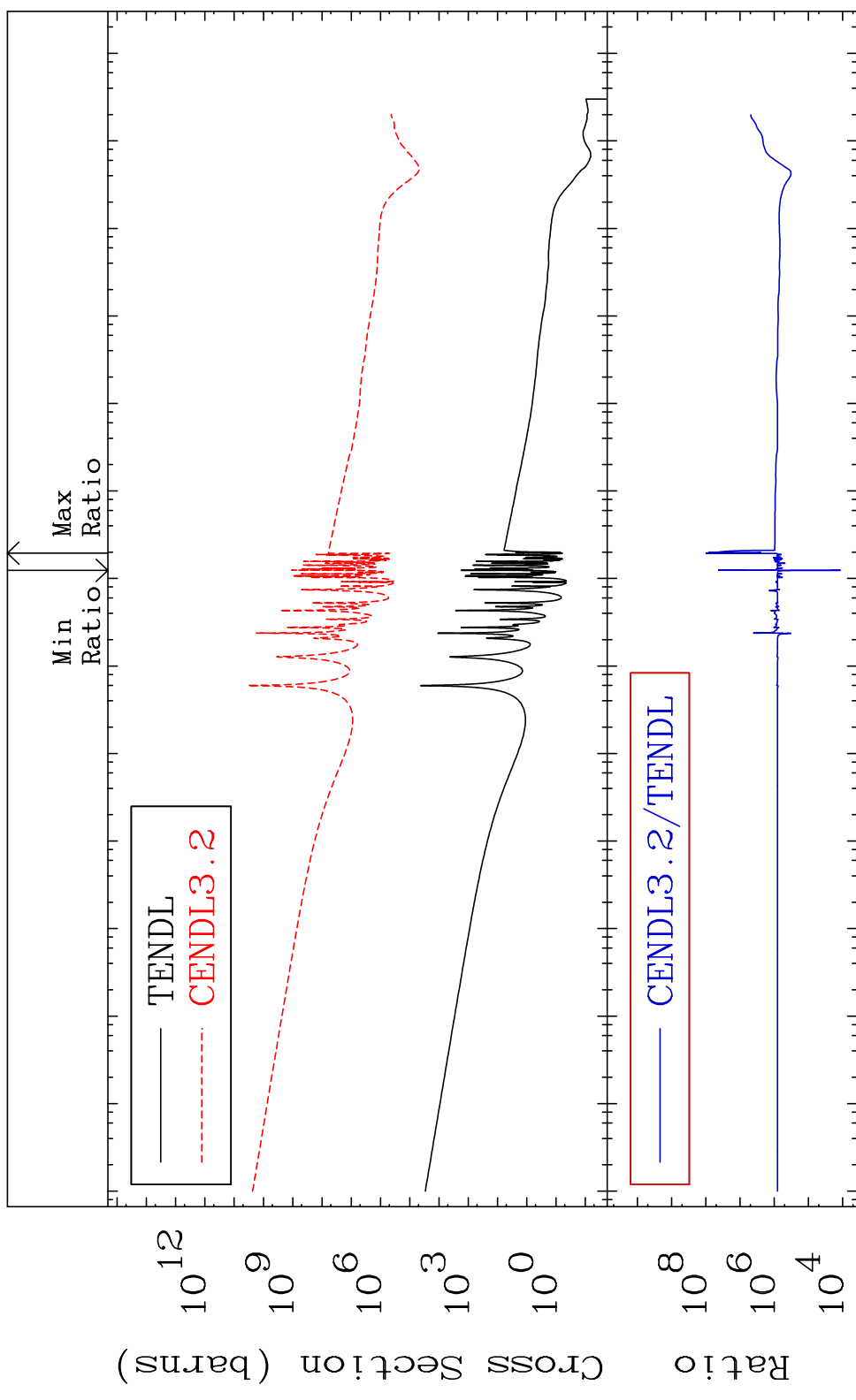


MAT 9219 Kerma fission (mt18 or mt19-20-21-38) 92-U -232  
 Cross Section -99.99 To 8971. %

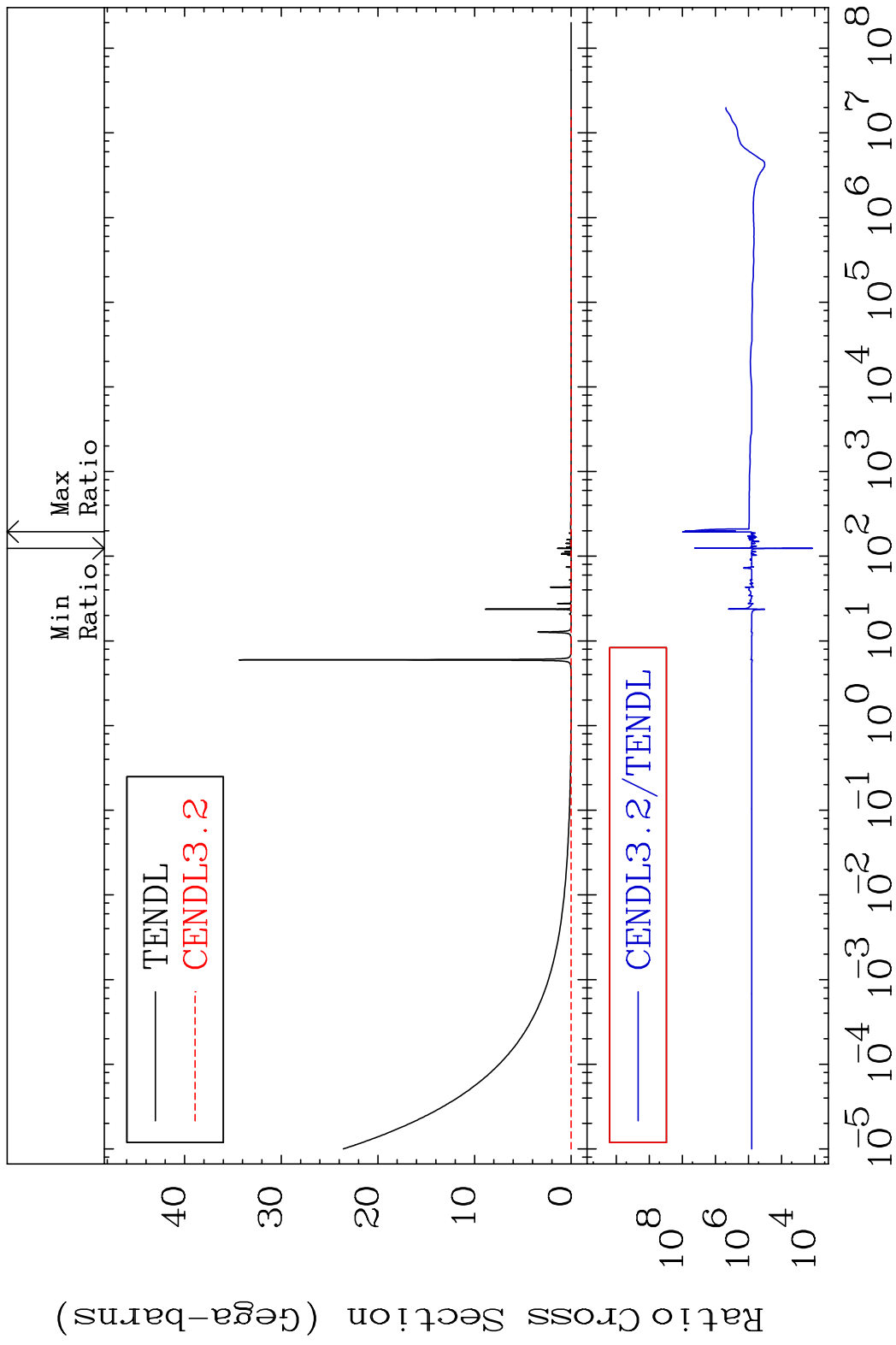


MAT 9219

Kerma capture (mt102) 92-U -232  
Cross Section 9999. To 9999. %



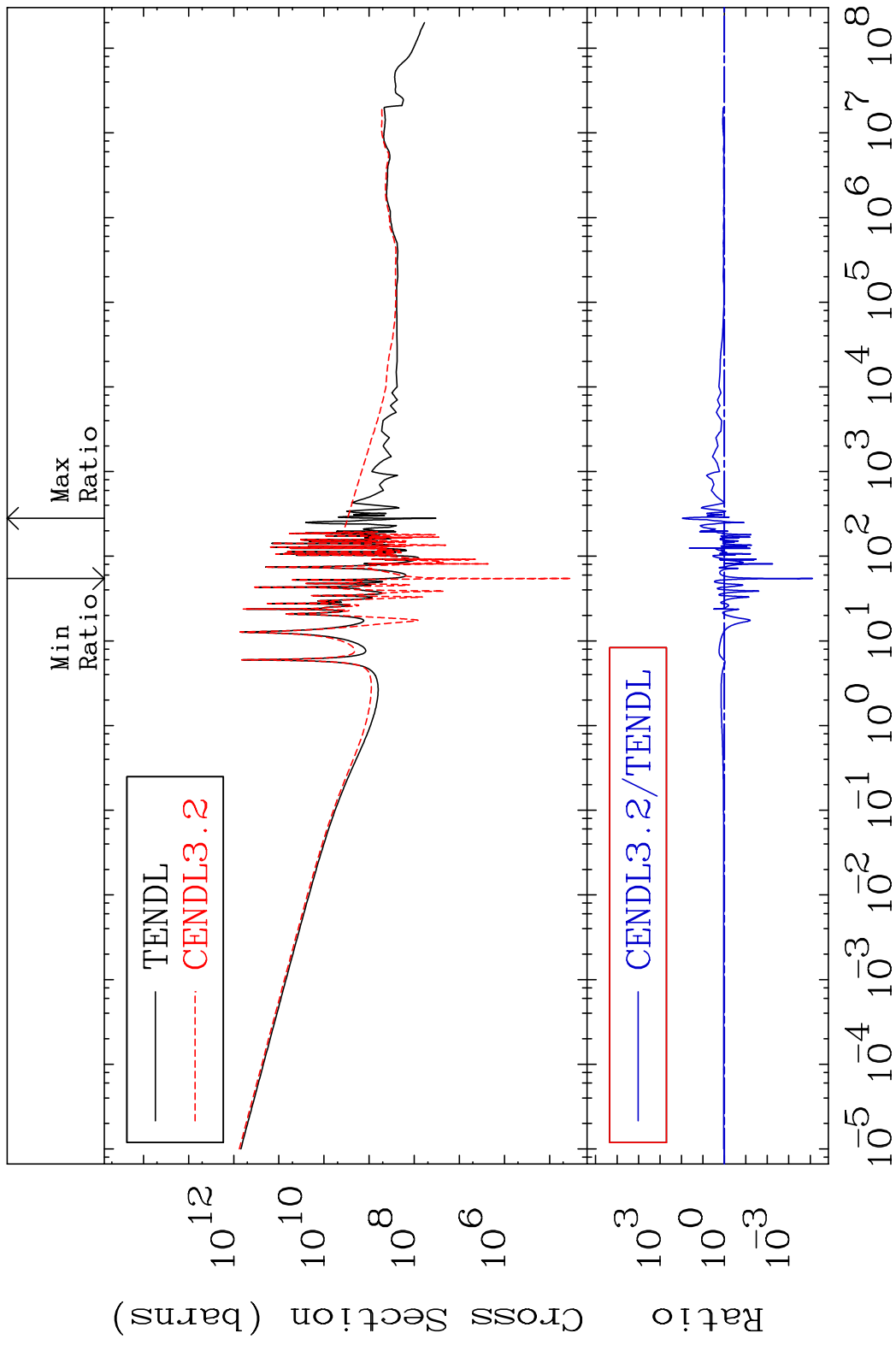
MAT 9219 Total photon (eV-barns) 92-U -232  
 Cross Section 9999. To 9999. %



47 92-U -232



MAT 9219 Total kinematic kerma (high limit) 92-U -232  
 Cross Section -99.99 To 8971. %

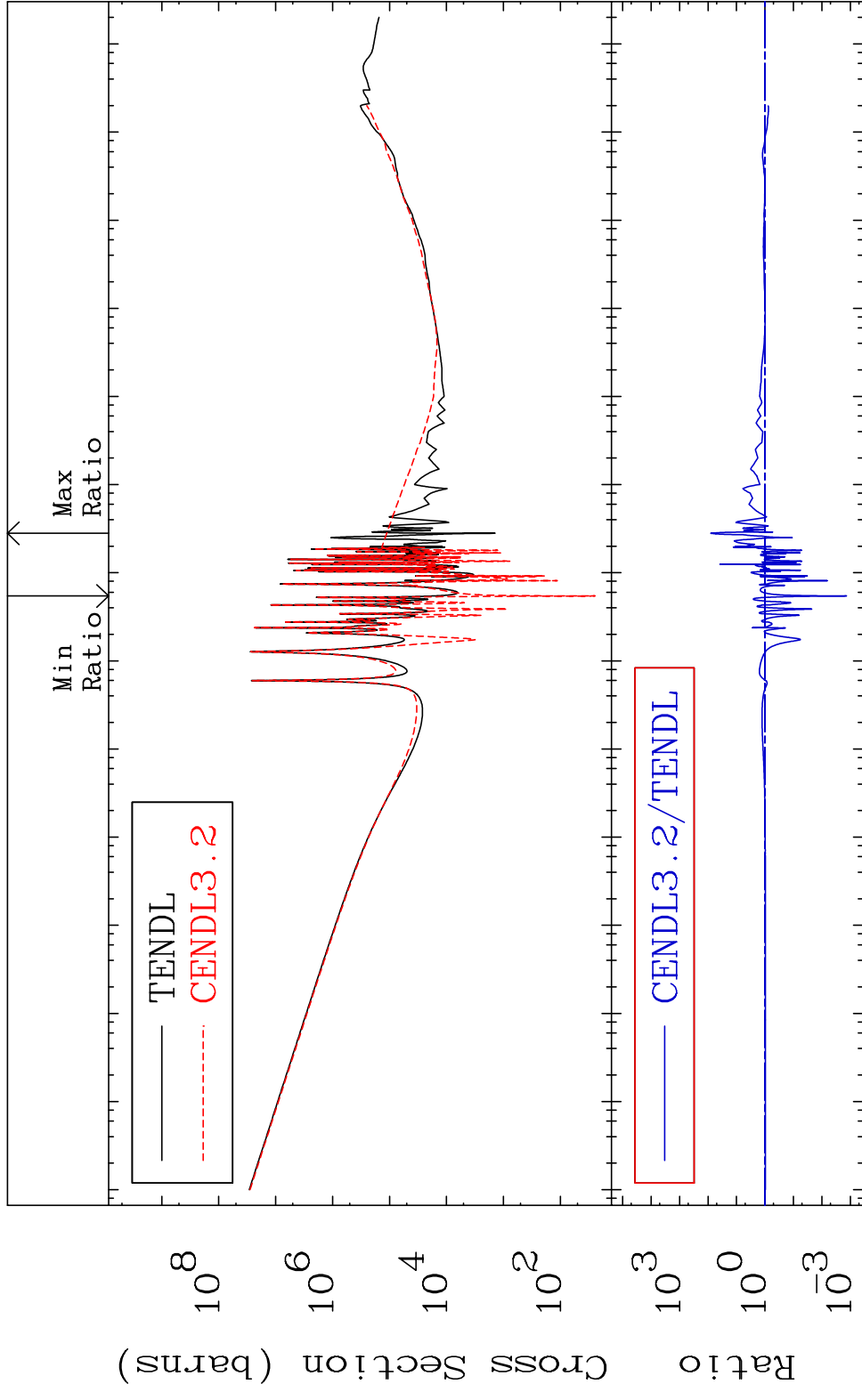


MAT 9219

Dpa total (eV-barns)

92-U -232

Cross Section -99.86 To 7953. %



49

Incident Energy (eV)

92-U -232

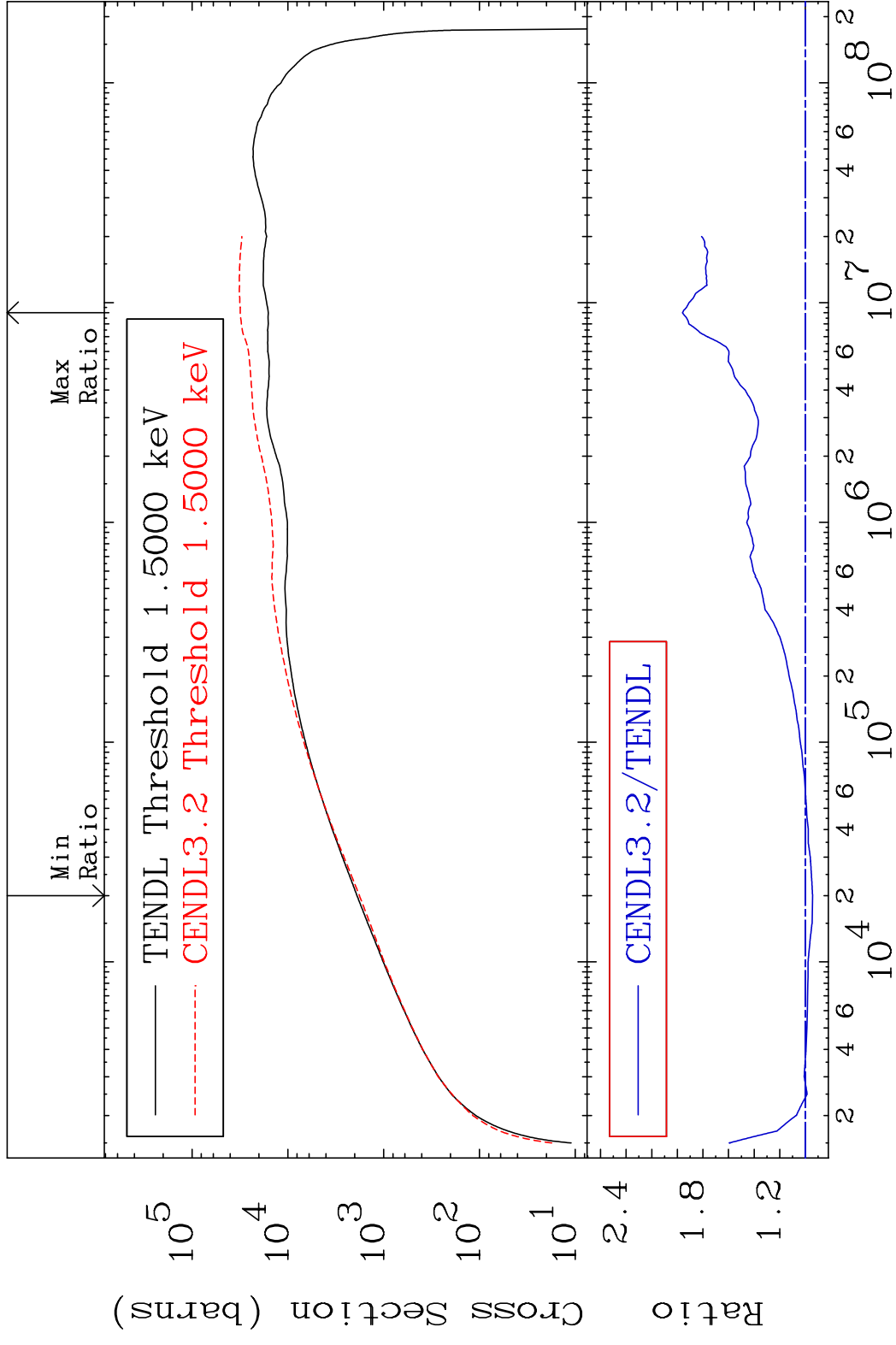
MAT 9219

Dpa elastic (mt2)

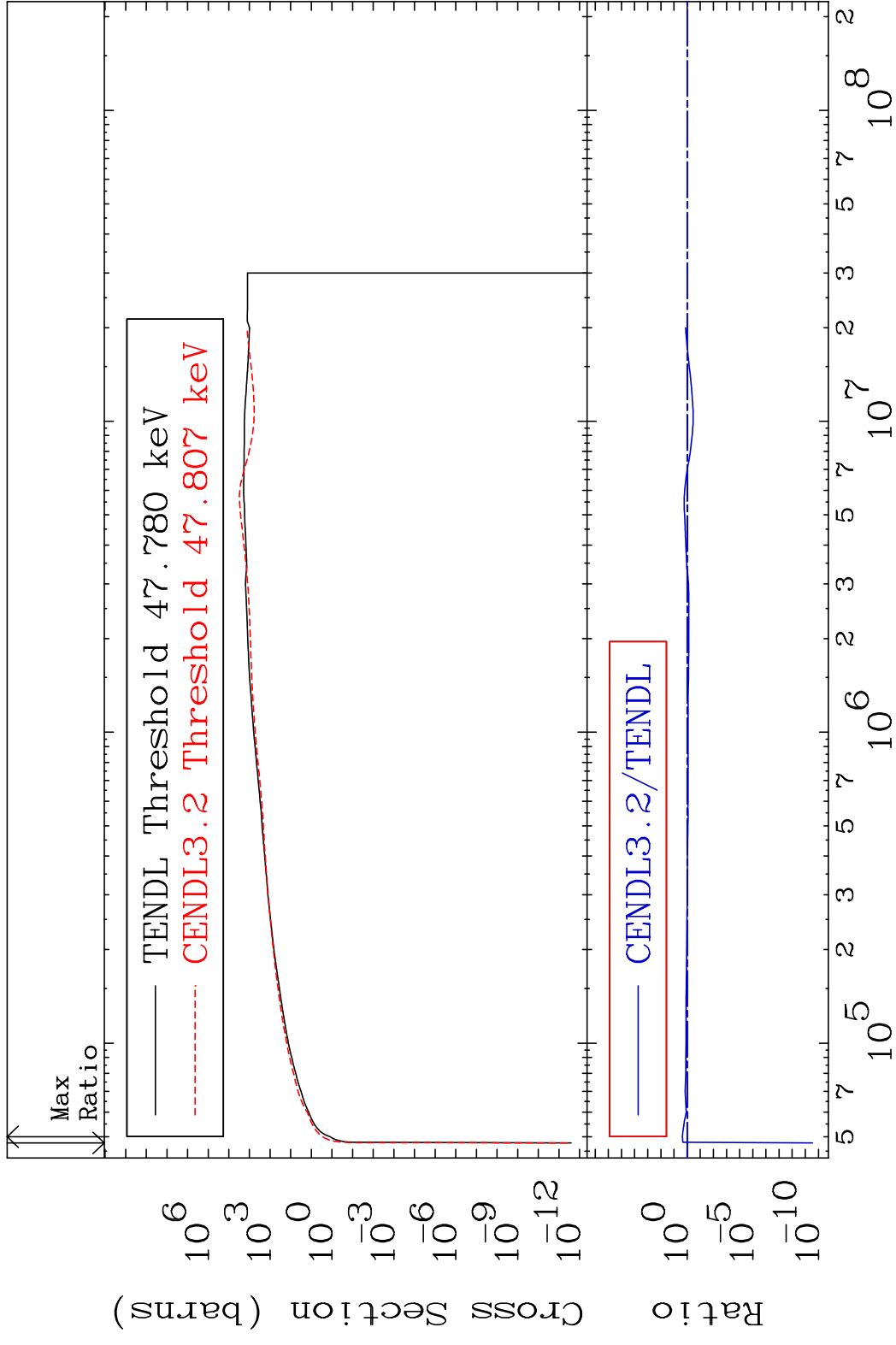
92-U -232

Cross Section

-5.622 To 96.07 %



MAT 9219      Dpa inelastic (mt51-91)      92-U -232  
 Cross Section      -100.0 To 130.7 %



MAT 9219 Dpa disappearance (mt102 -120) 92-U -232  
 Cross Section -30.48 To 9999. %

