

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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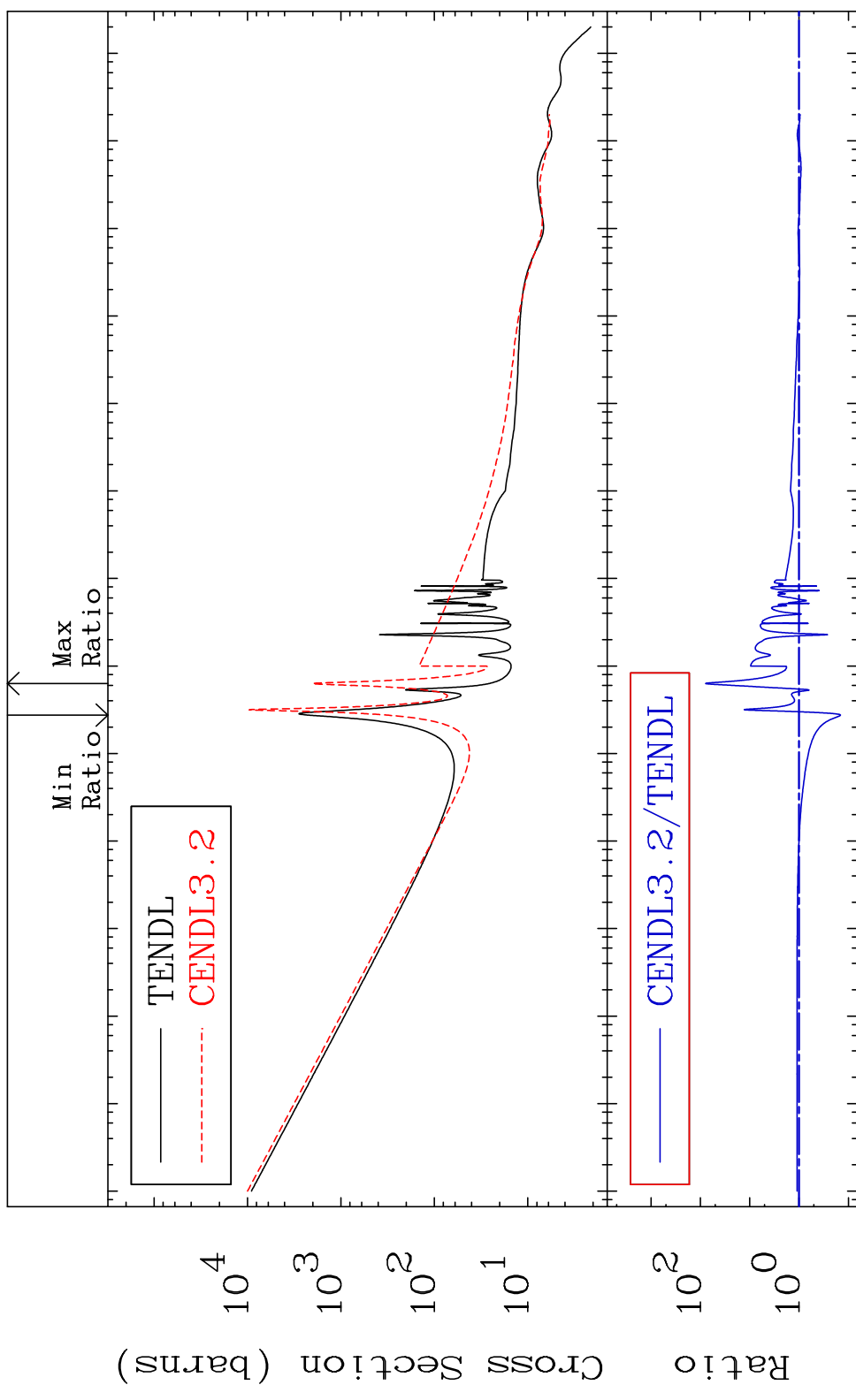
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9428

Total  
Cross Section -85.50 To 7691. %

94-Pu-236



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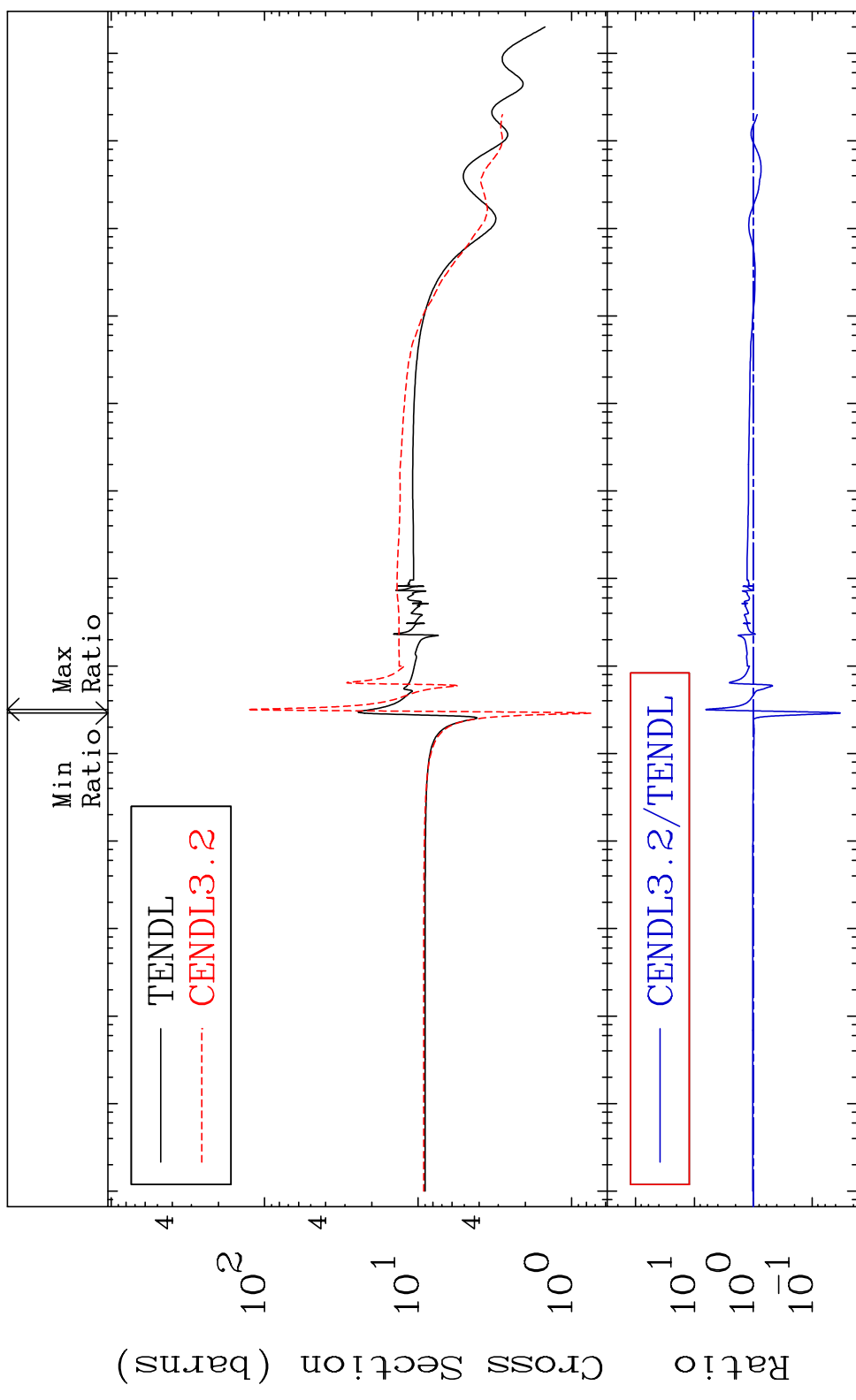
Incident Energy (eV)

94-Pu-236

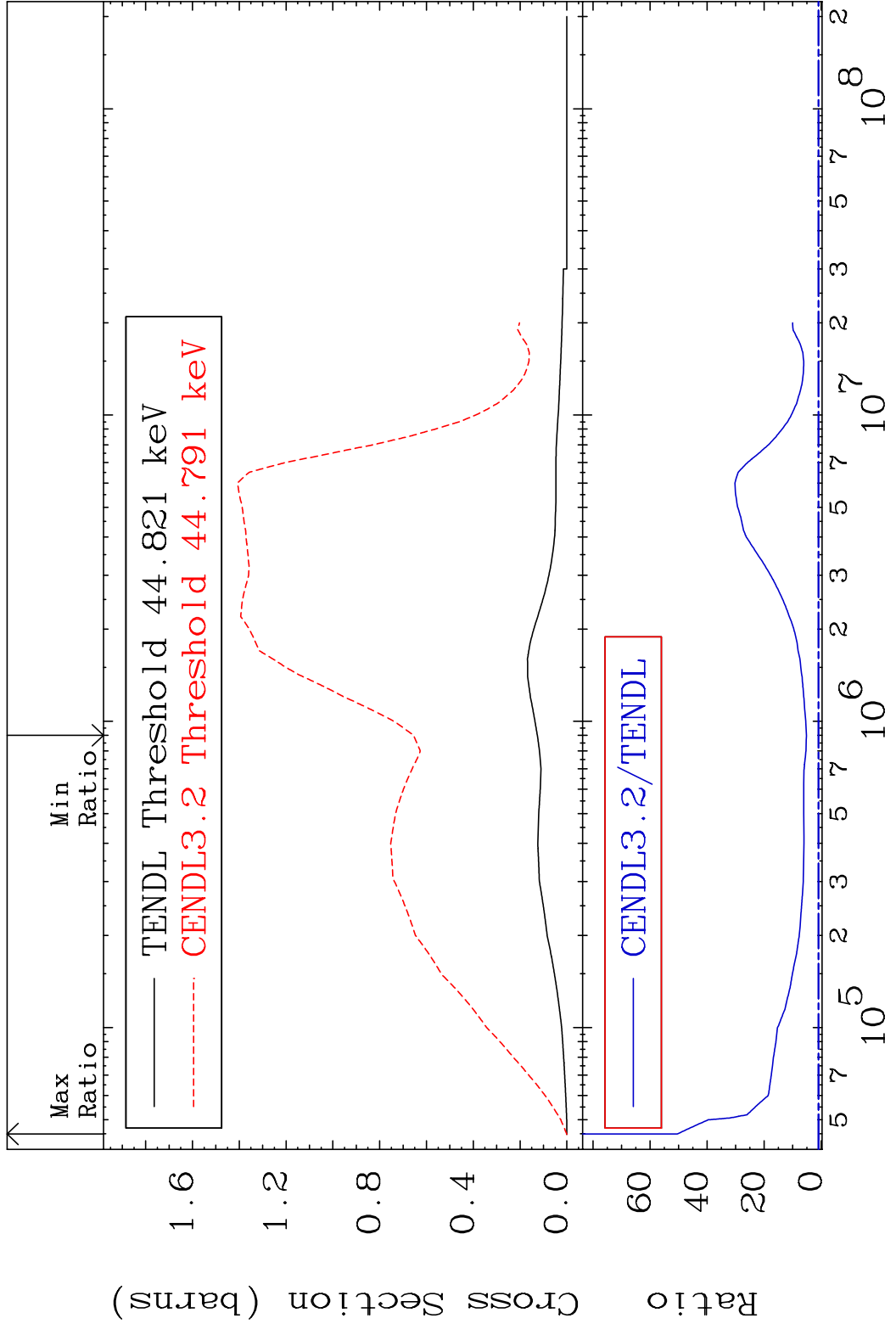
MAT 9428

Elastic Cross Section -96.68 To 540.7 %

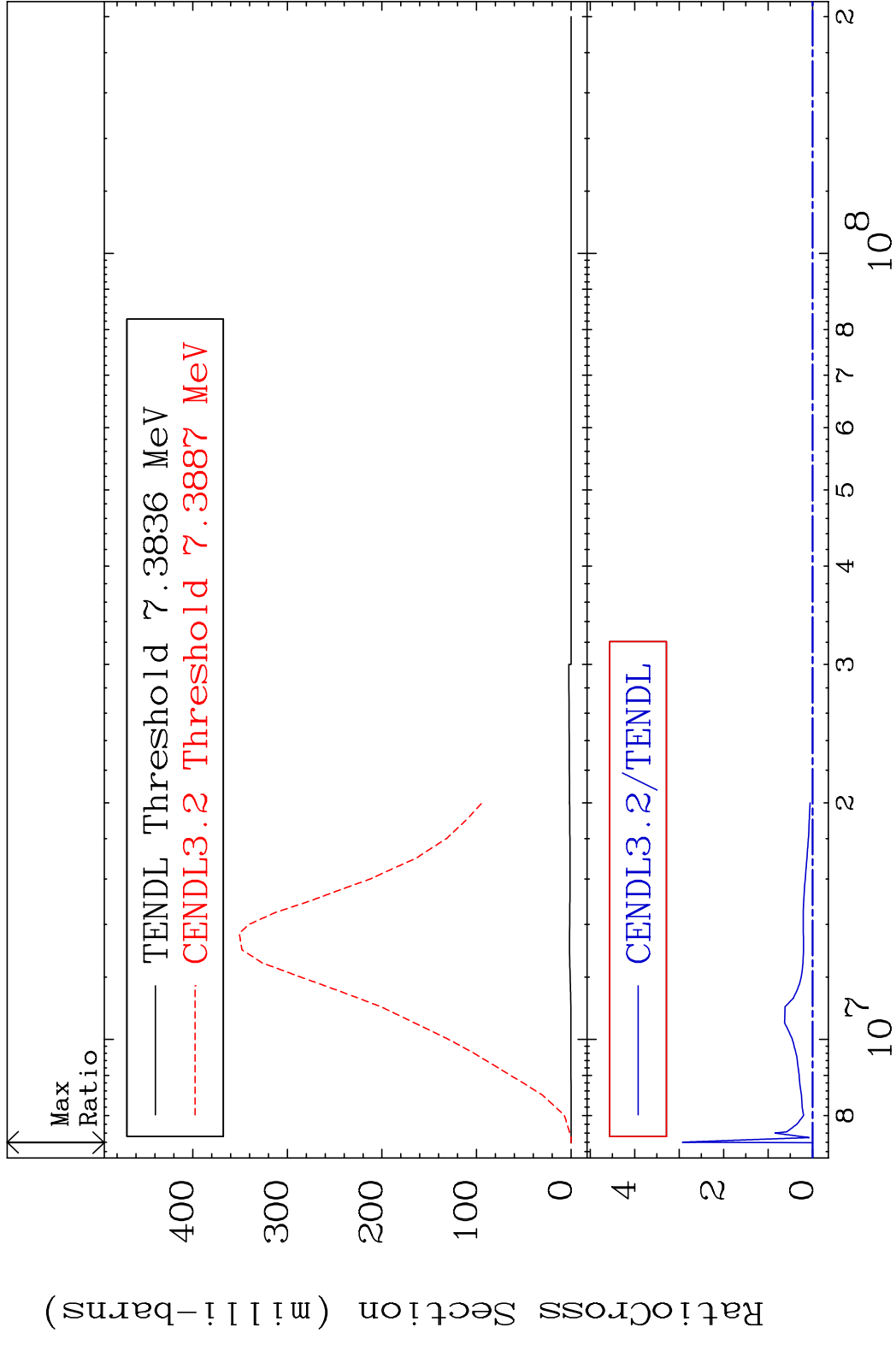
94-Pu-236



MAT 9428 Inelastic 94-Pu-236  
 Cross Section 418.9 To 4949. %



MAT 9428 (n,2n) 94-Pu-236  
 Cross Section -100.0 To 9999. %



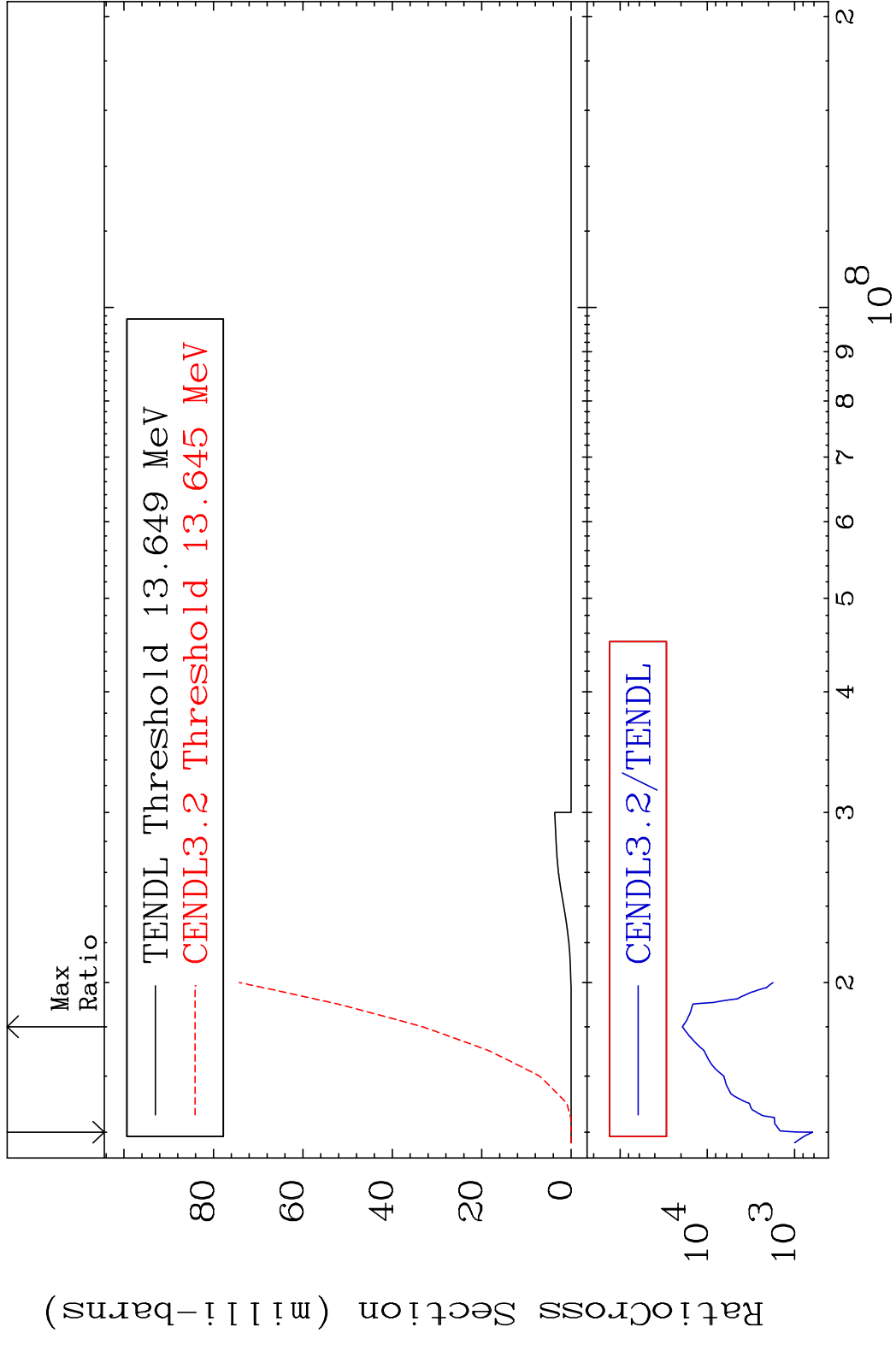
4 8 10<sup>7</sup> 2 3 4 5 6 7 8 10<sup>8</sup> 2 94-Pu-236

MAT 9428

(n,3n)

94-Pu-236

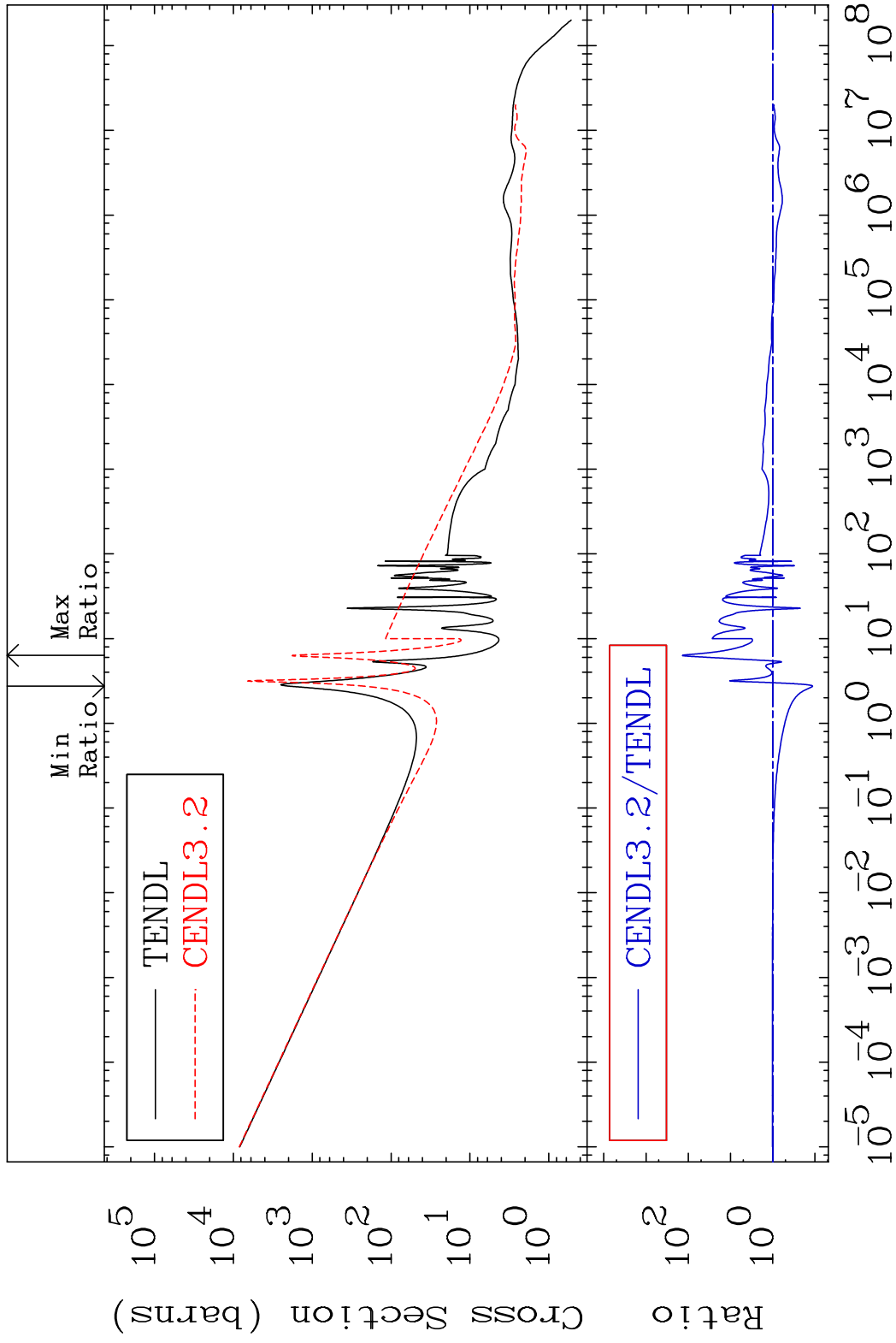
Cross Section 9999. To 9999. %



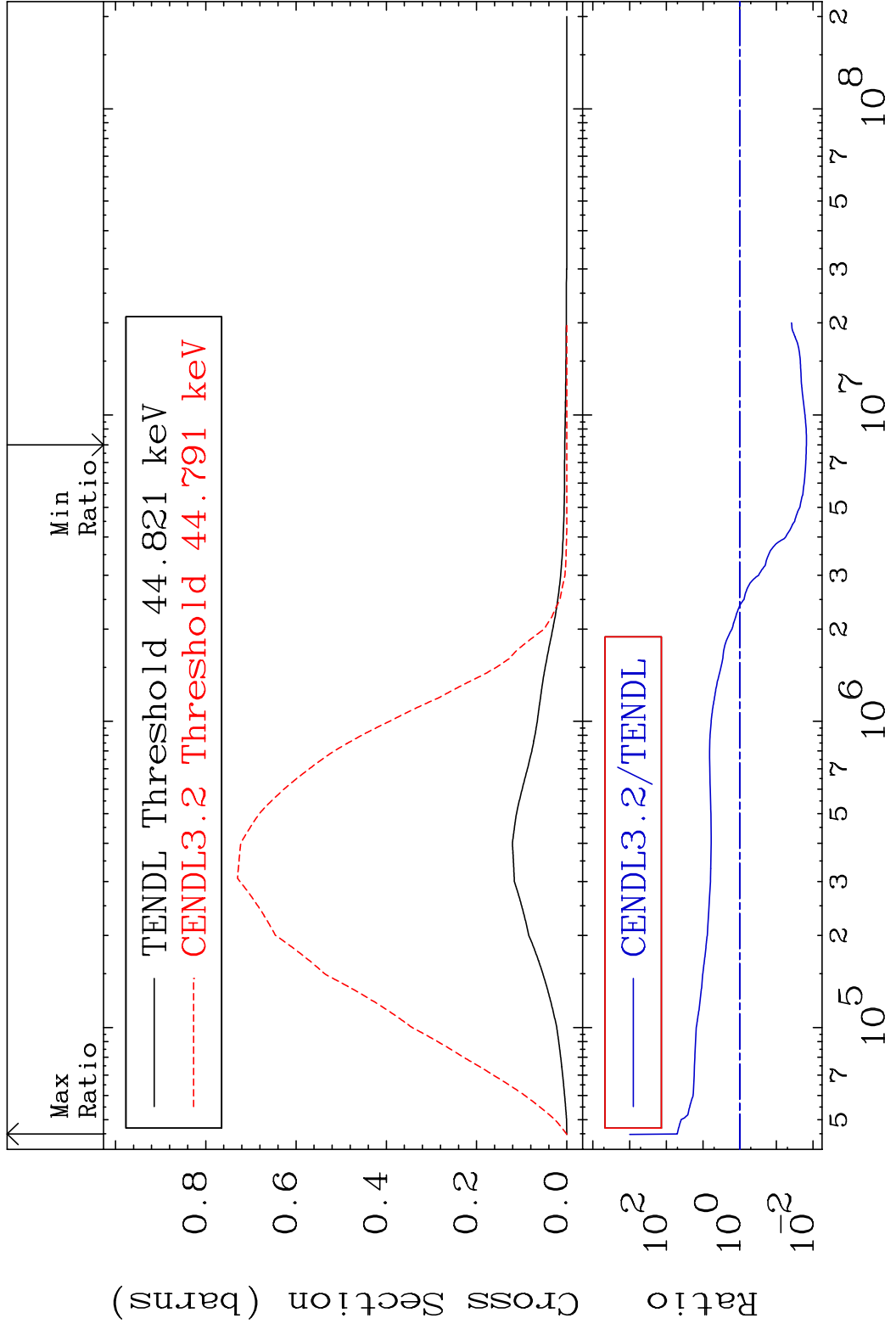
MAT 9428

Fission 94-Pu-236

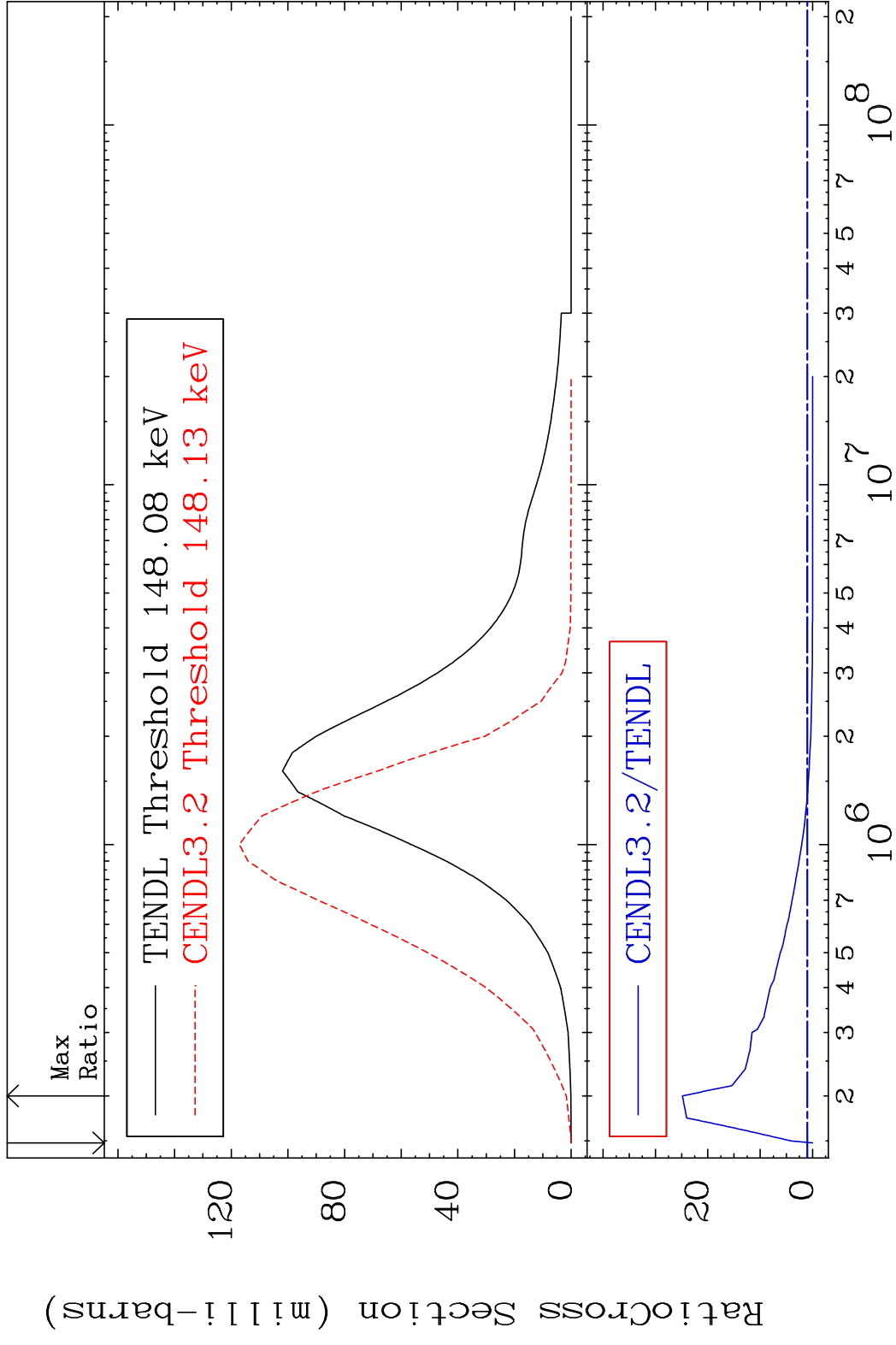
Cross Section -88.58 To 9999. %



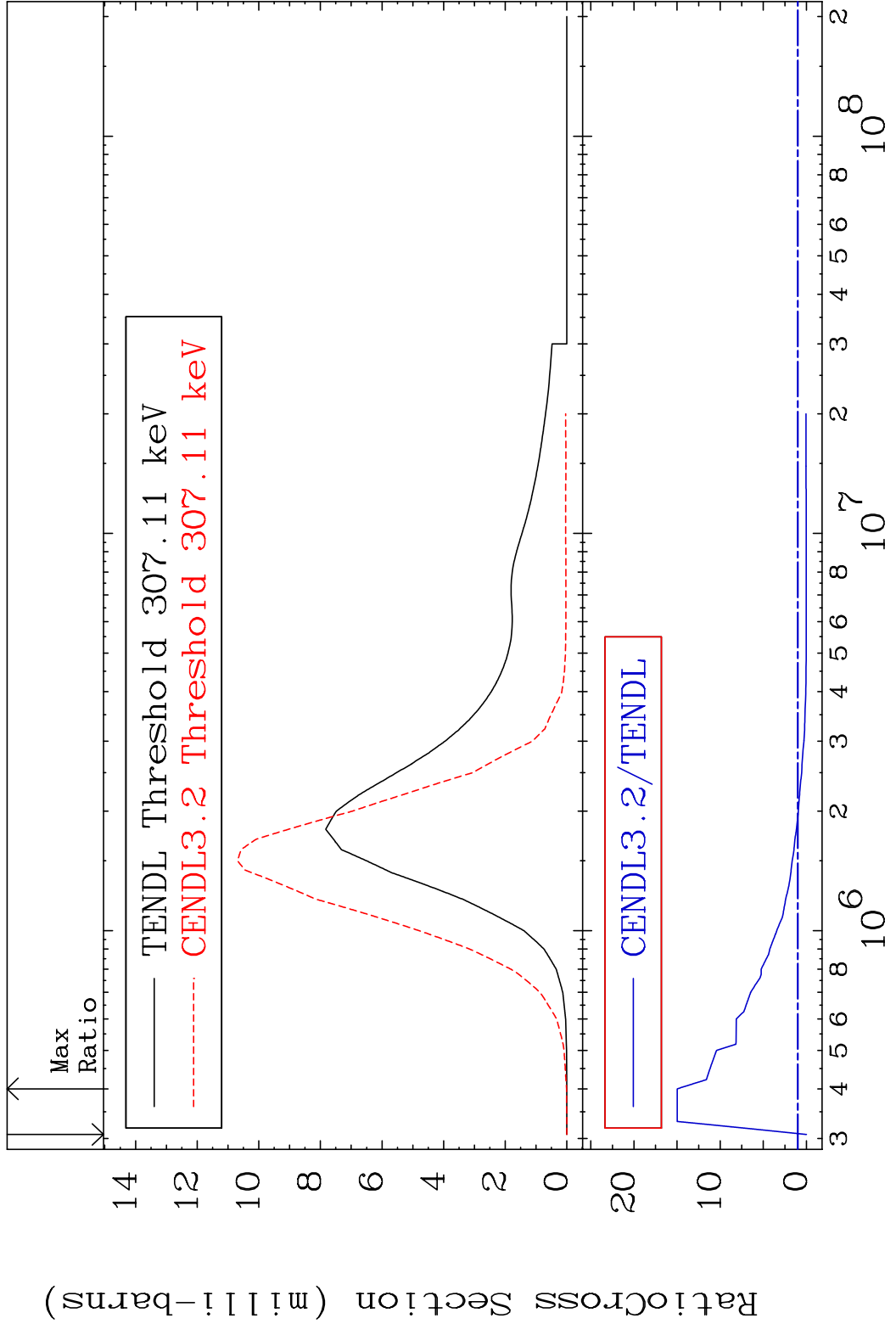
MAT 9428 MT= 51 (n, n') Level 94-Pu-236  
 Cross Section -98.48 To 4949. %



MAT 9428 MT= 52 (n,n') Level 94-Pu-236  
 Cross Section -100.0 To 2386. %



MAT 9428 MT= 53 (n,n') Level 94-Pu-236  
 Cross Section -100.0 To 1399. %

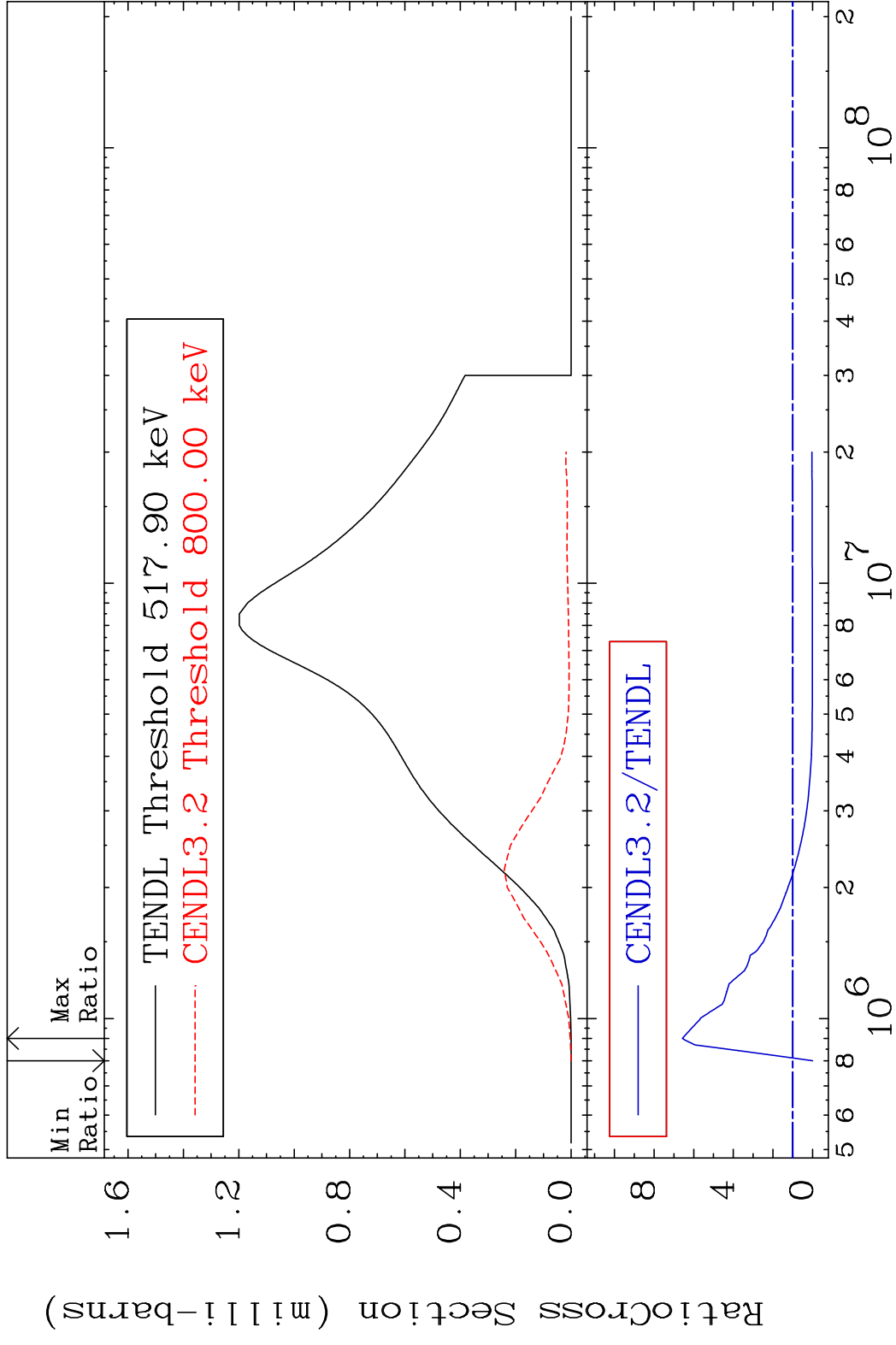


MAT 9428

MT= 54 (n, n') Level

94-Pu-236

Cross Section -100.0 To 557.2 %

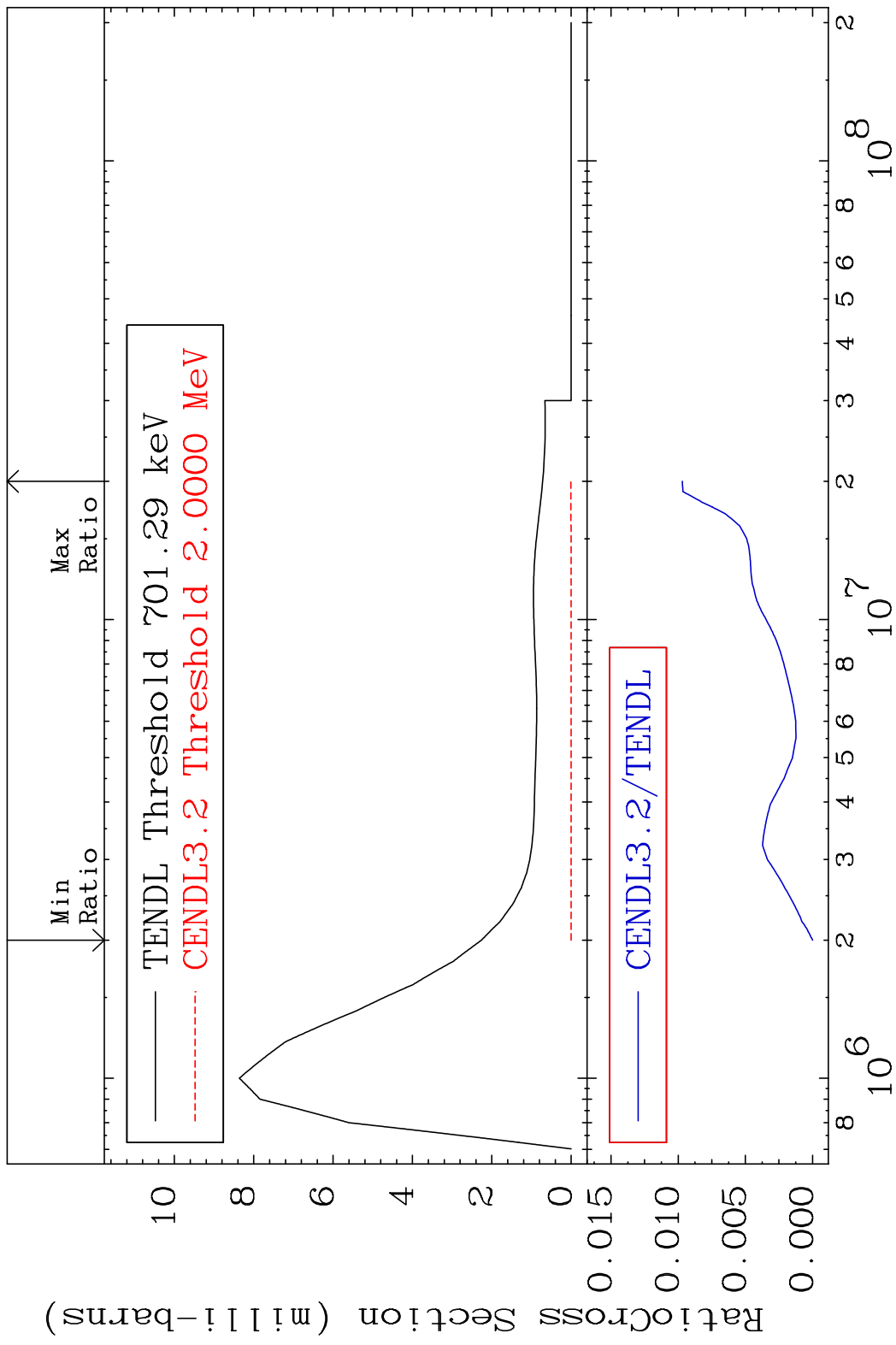


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Incident Energy (eV)

94-Pu-236

MAT 9428 MT= 55 (n, n') Level 94-Pu-236  
 Cross Section -100.0 To -99.03%

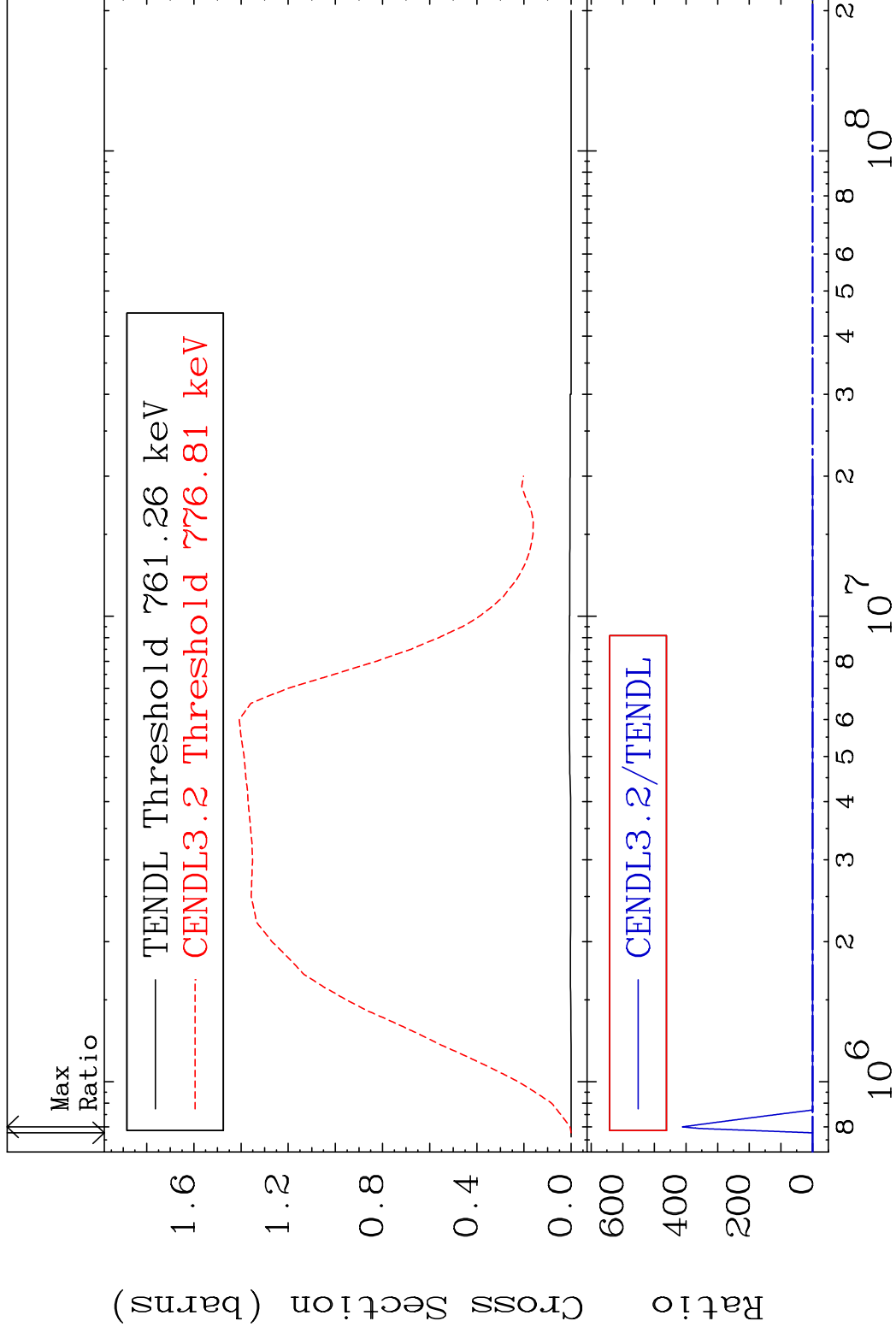


MAT 9428

(n,n') Continuum

94-Pu-236

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

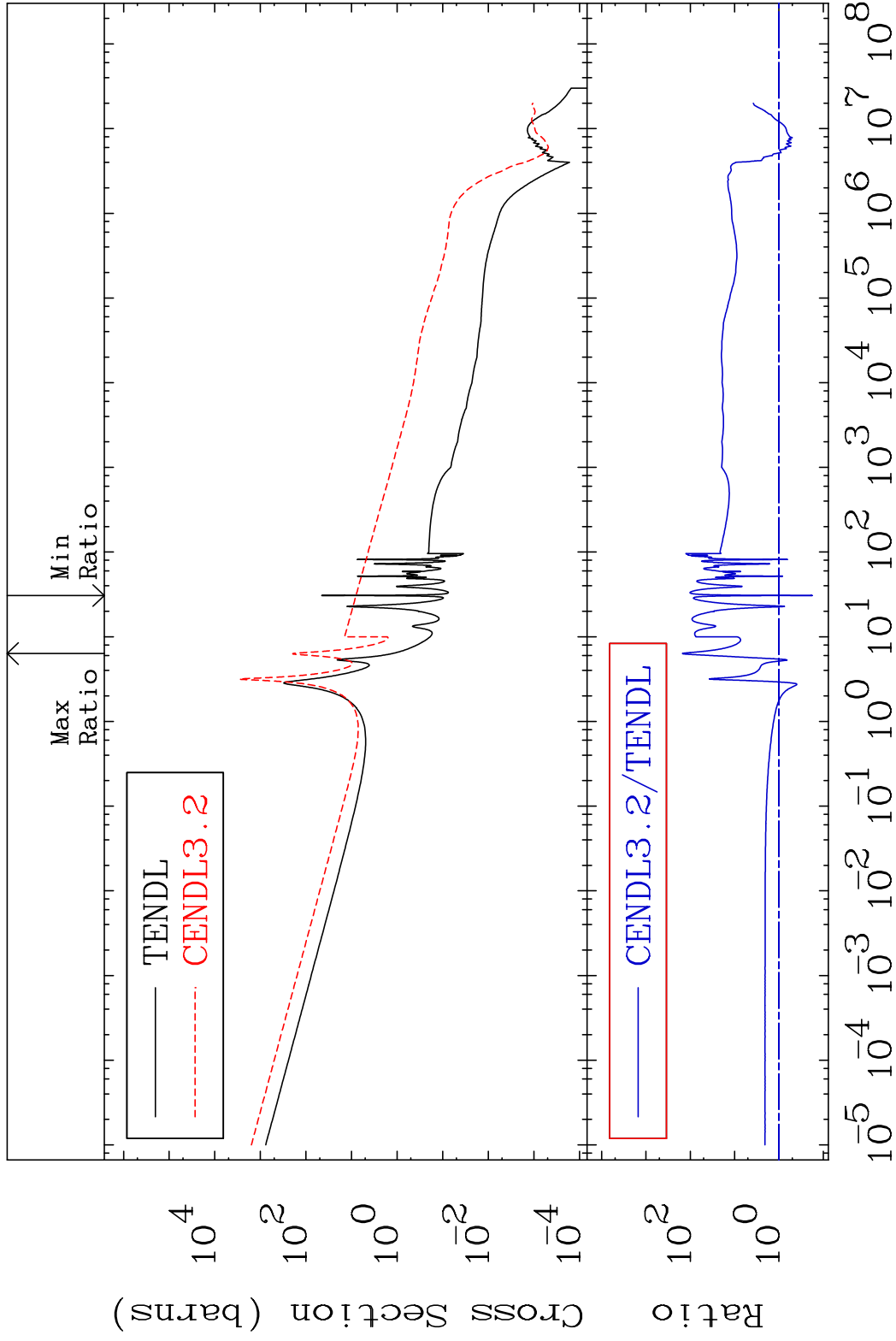
94-Pu-236

MAT 9428

(n,  $\gamma$ )

94-Pu-236

Cross Section -82.59 To 9999. %



13

Incident Energy (eV)

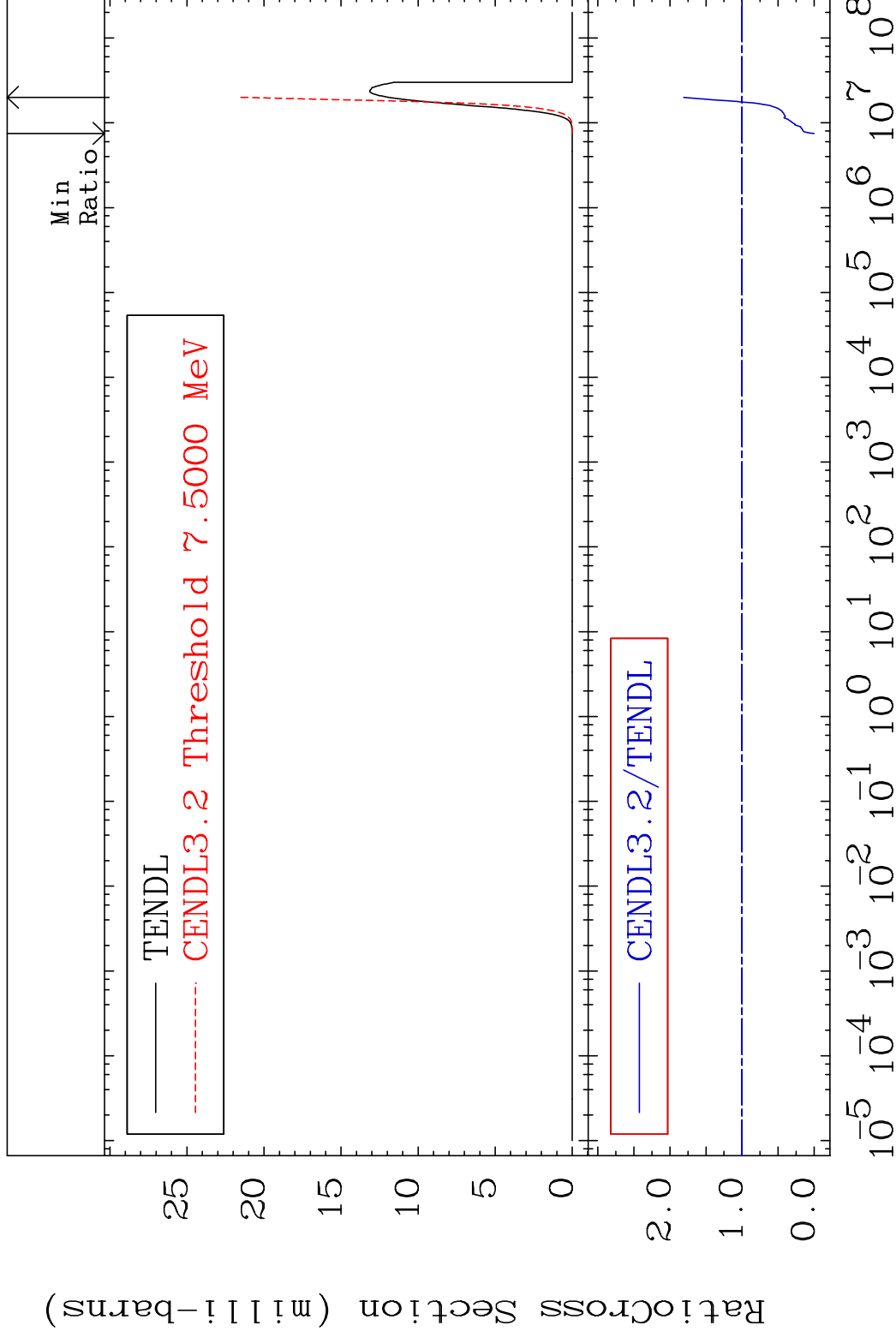
94-Pu-236

MAT 9428

(n,p)

94-Pu-236

Cross Section -100.0 To 81.00 %



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Incident Energy (eV)

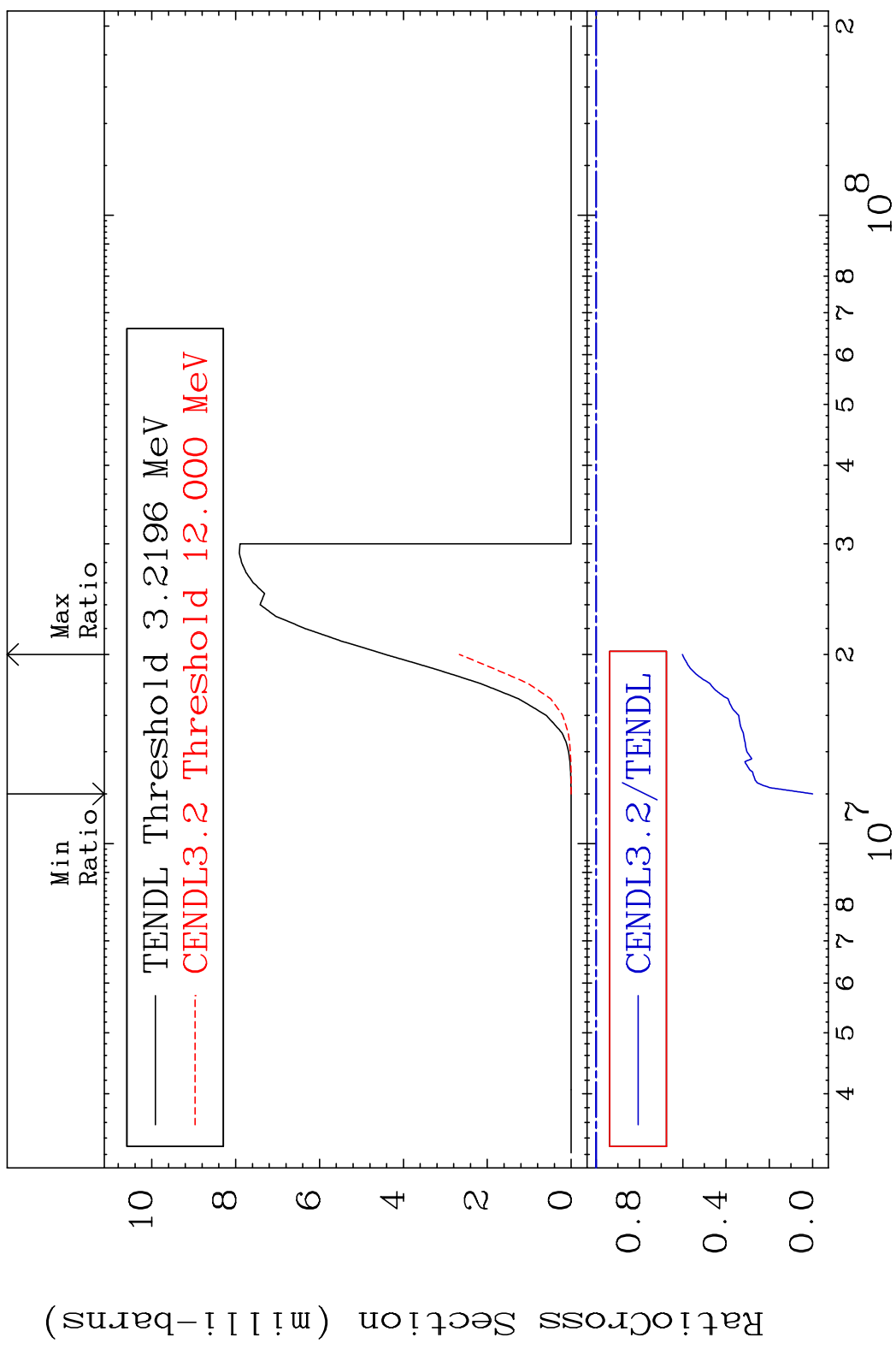
94-Pu-236

MAT 9428

(n,d)

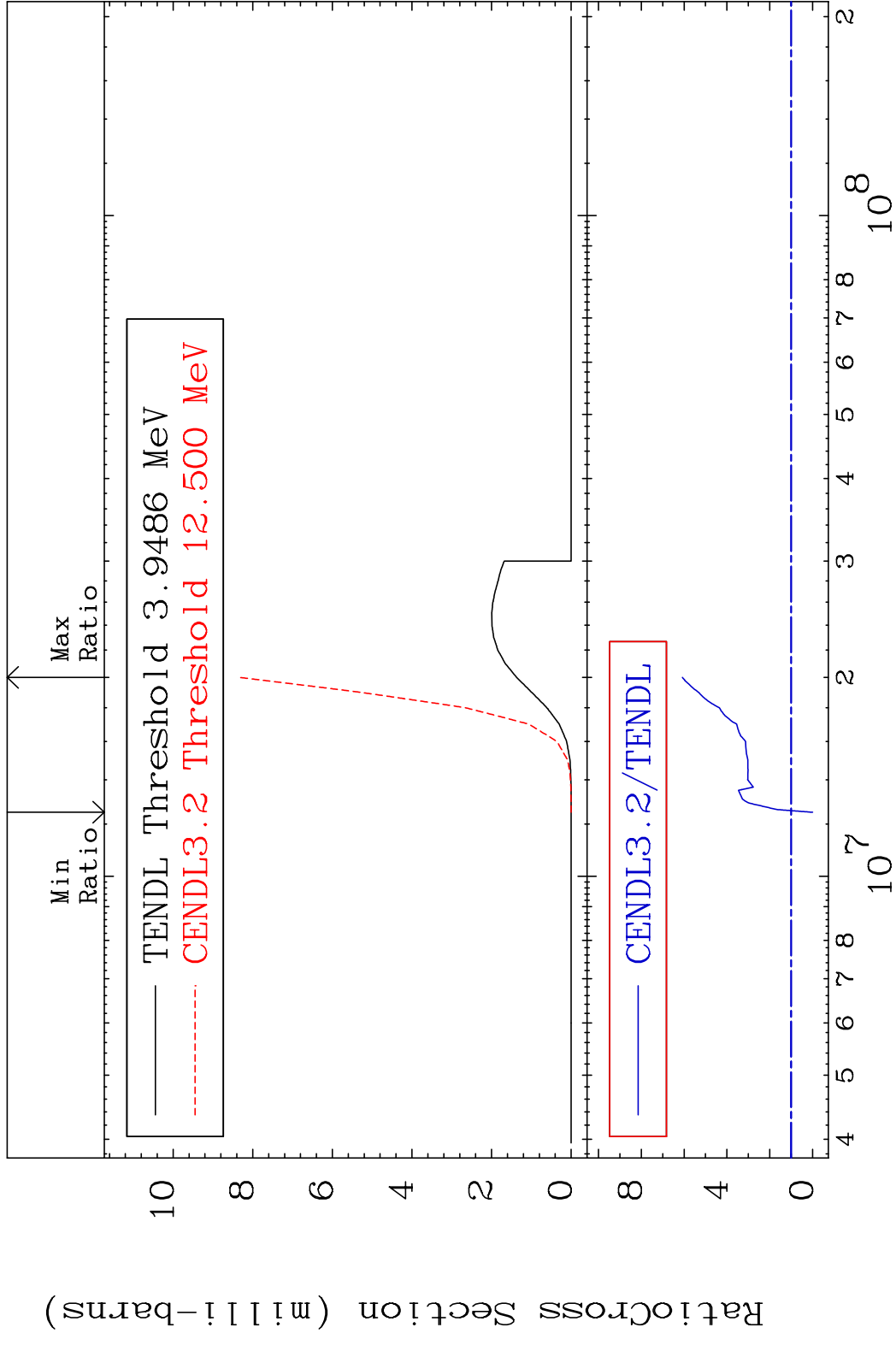
94-Pu-236

Cross Section -100.0 To -39.82%



MAT 9428

(n, t) 94-Pu-236  
Cross Section -100.0 To 508.2 %



16

Incident Energy (eV)

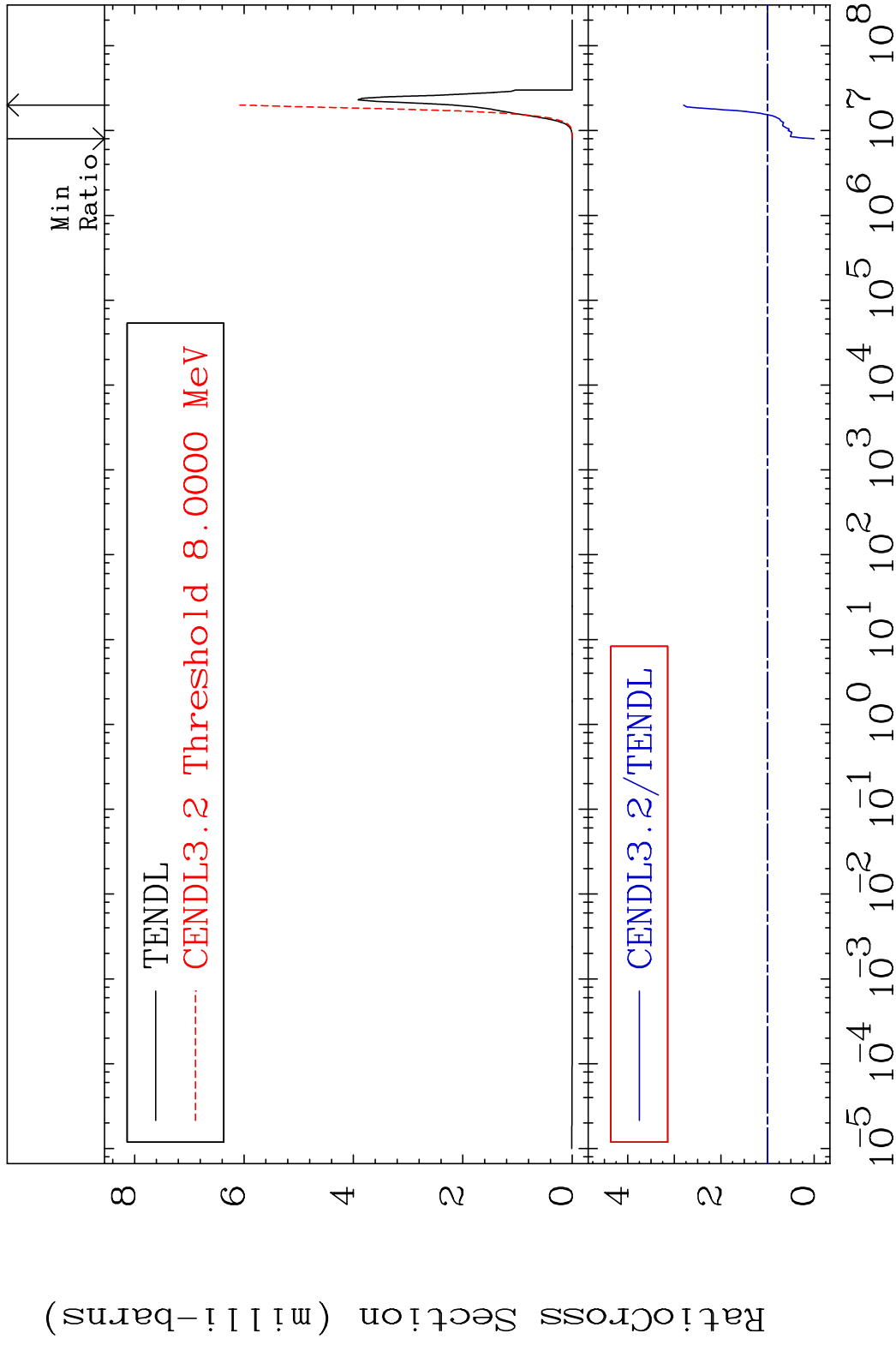
94-Pu-236

MAT 9428

(n,  $\alpha$ )

94-Pu-236

Cross Section -100.0 To 179.9 %



17

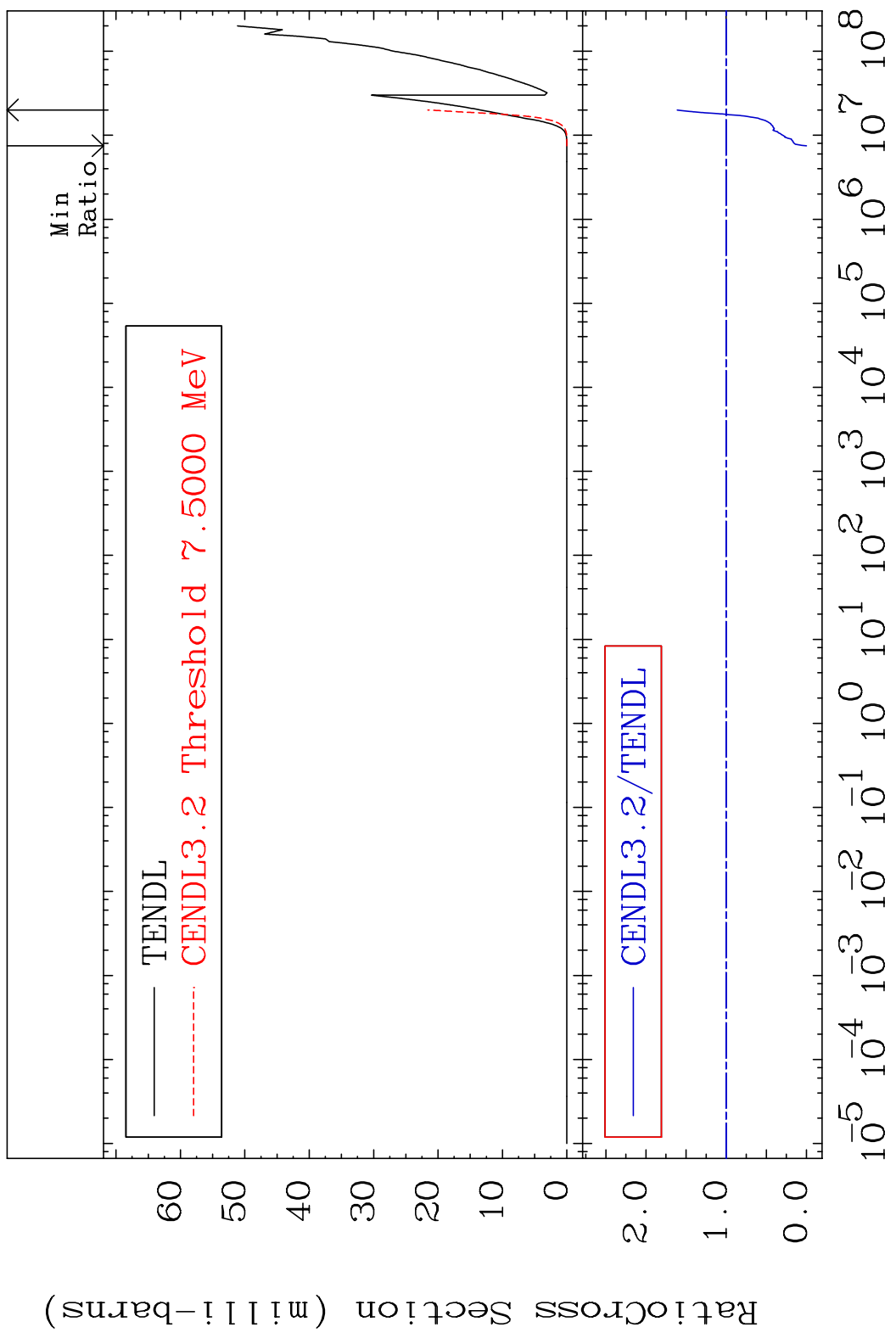
Incident Energy (eV)

94-Pu-236

MAT 9428

Hydrogen Production  
Cross Section -100.0 To 61.07 %

94-Pu-236



18

Incident Energy (eV)

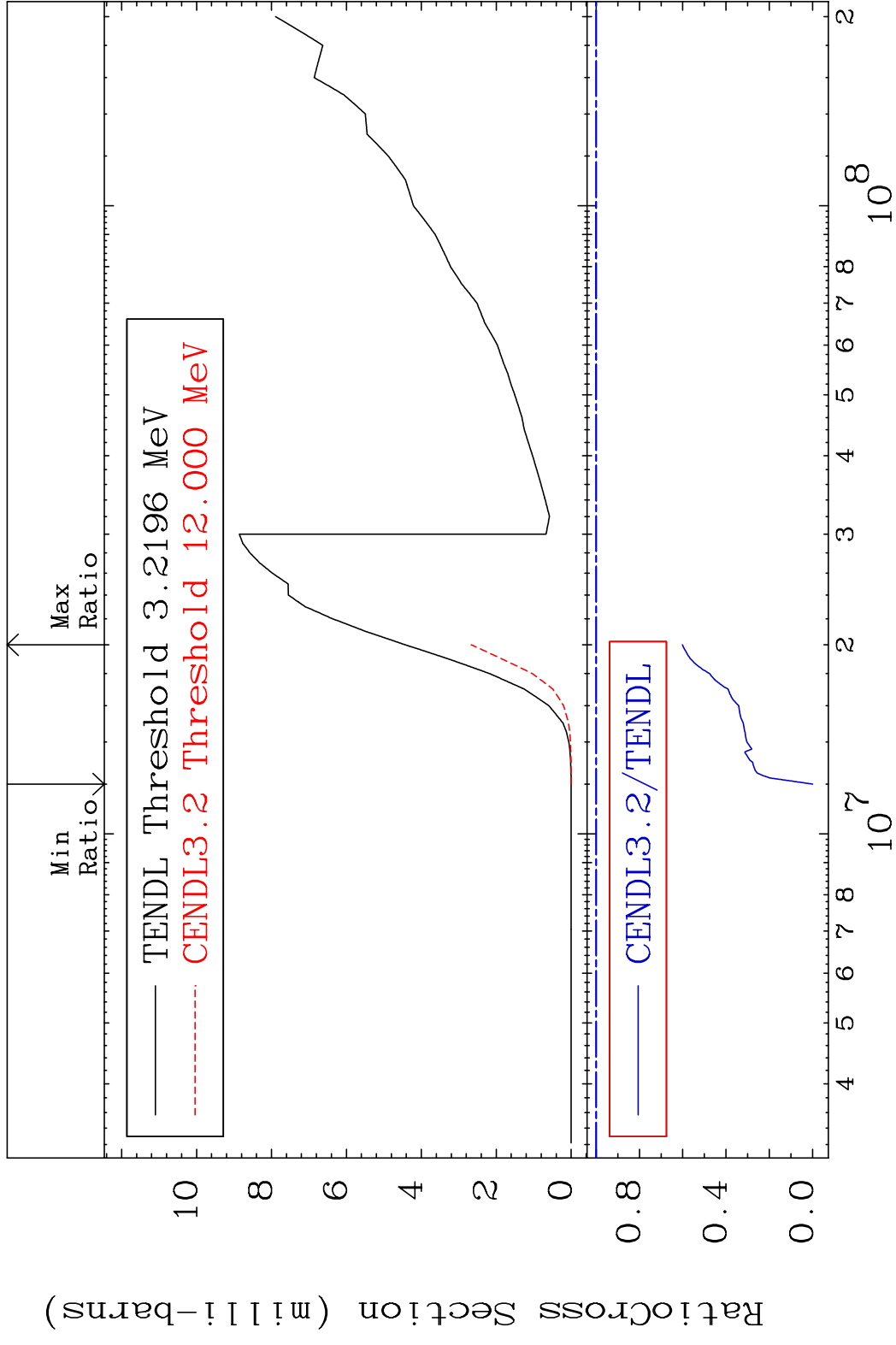
94-Pu-236

MAT 9428

Deuterium Production

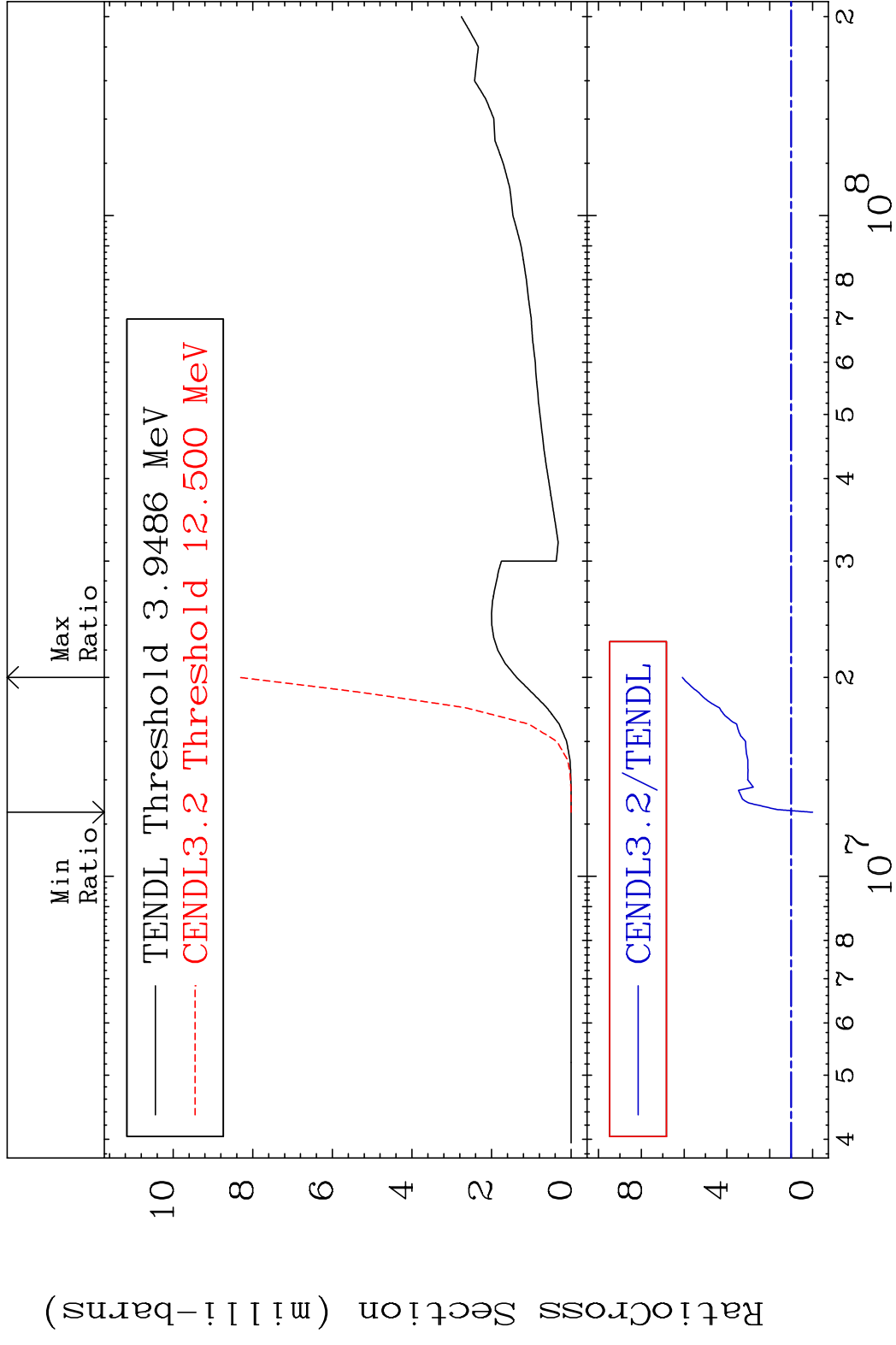
94-Pu-236

Cross Section -100.0 To -39.83%



MAT 9428

Tritium Production 94-Pu-236  
Cross Section -100.0 To 508.2 %



20

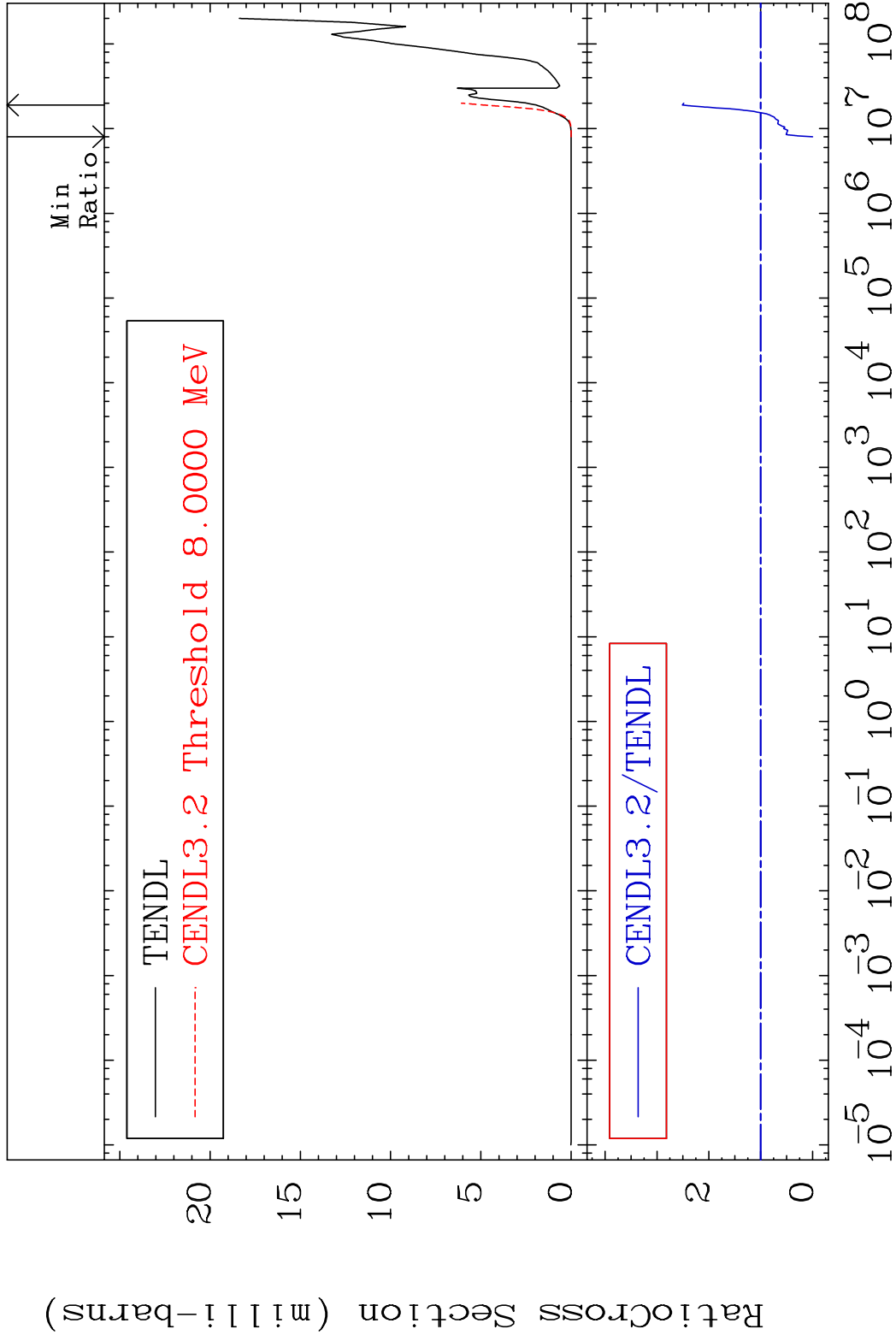
94-Pu-236

MAT 9428

He-4 Production

94-Pu-236

Cross Section -100.0 To 151.0 %

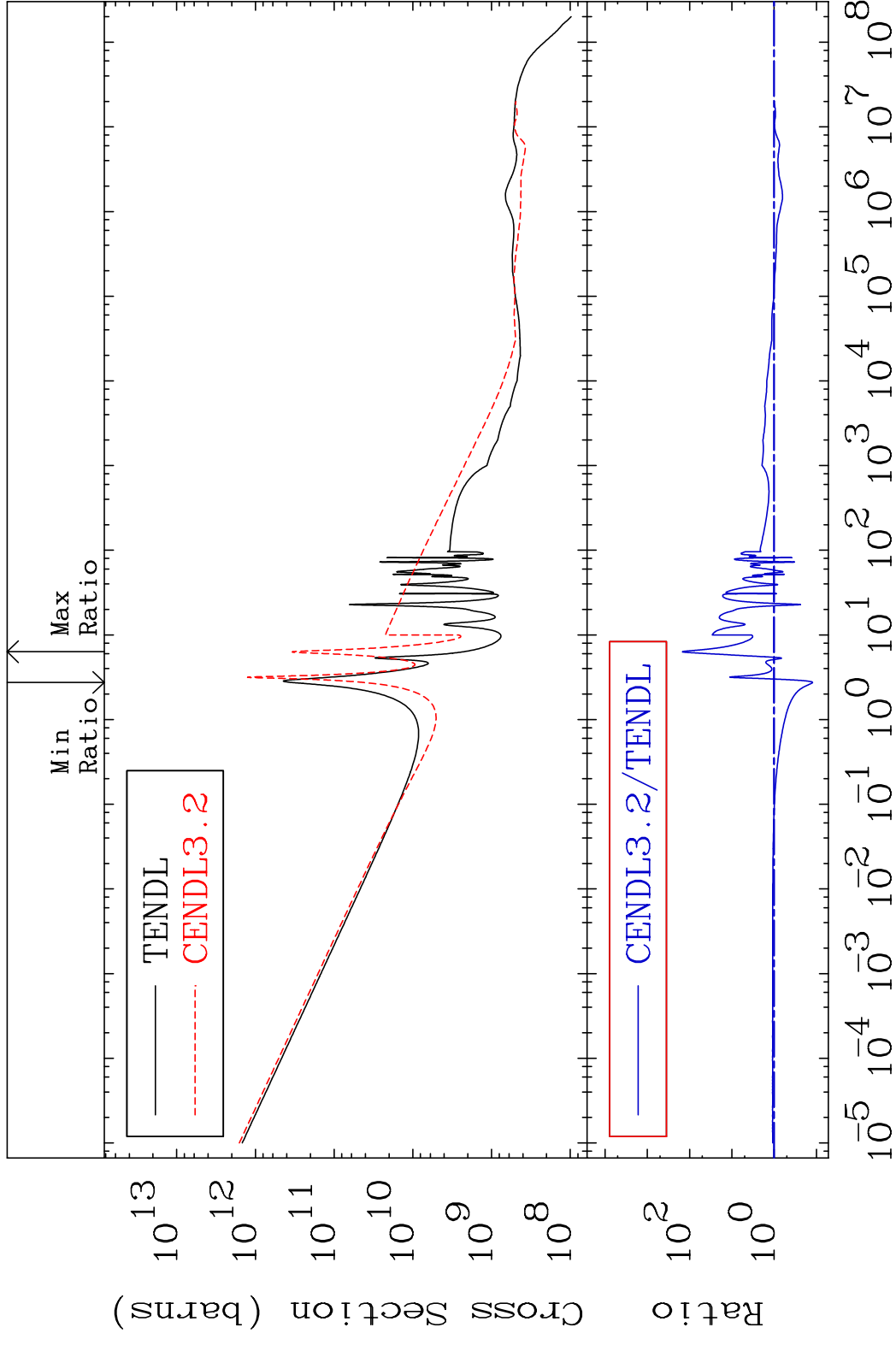


21

Incident Energy (eV)

94-Pu-236

MAT 9428 Kerma total (eV-barns) 94-Pu-236  
 Cross Section -87.63 To 9999. %

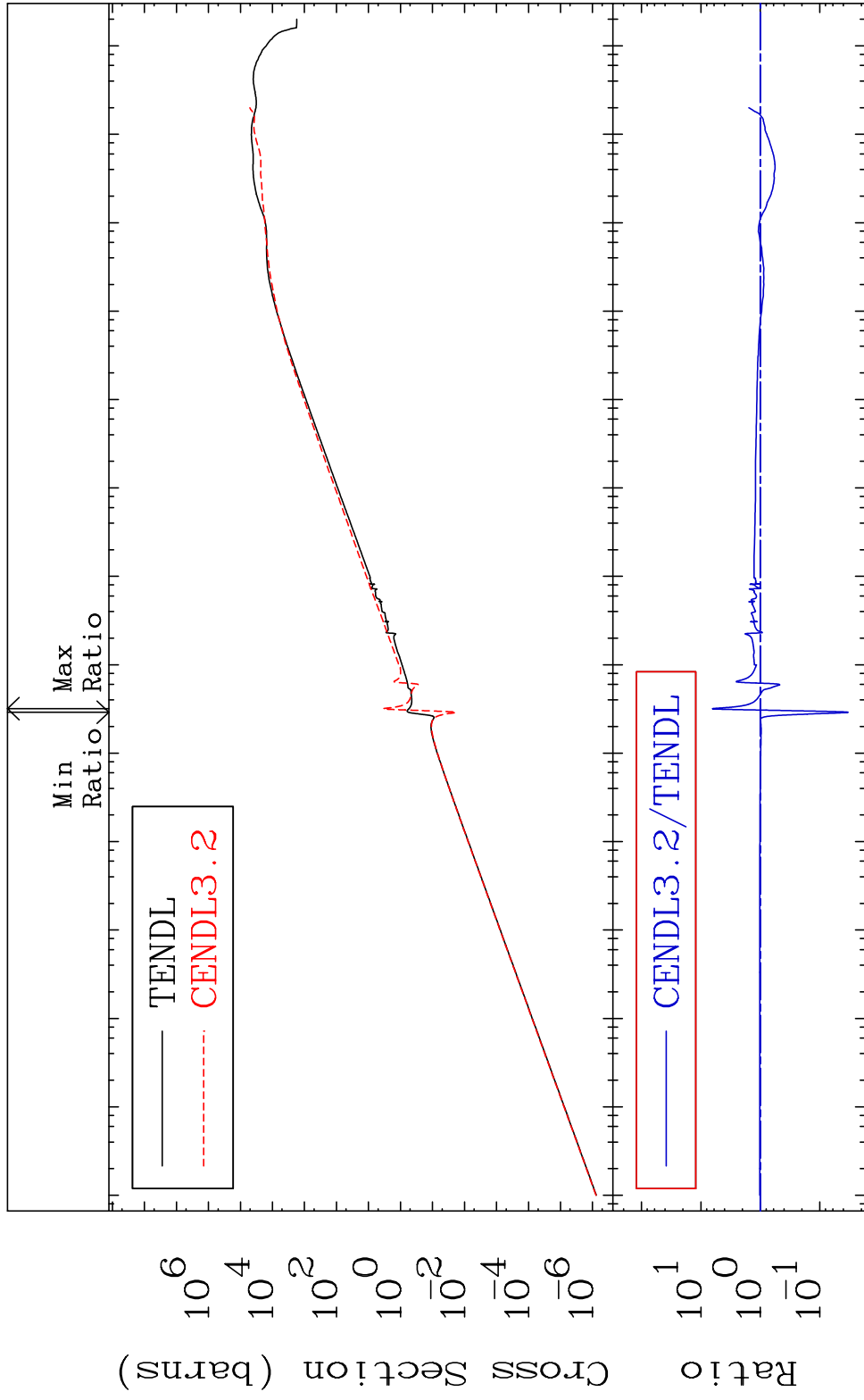


MAT 9428

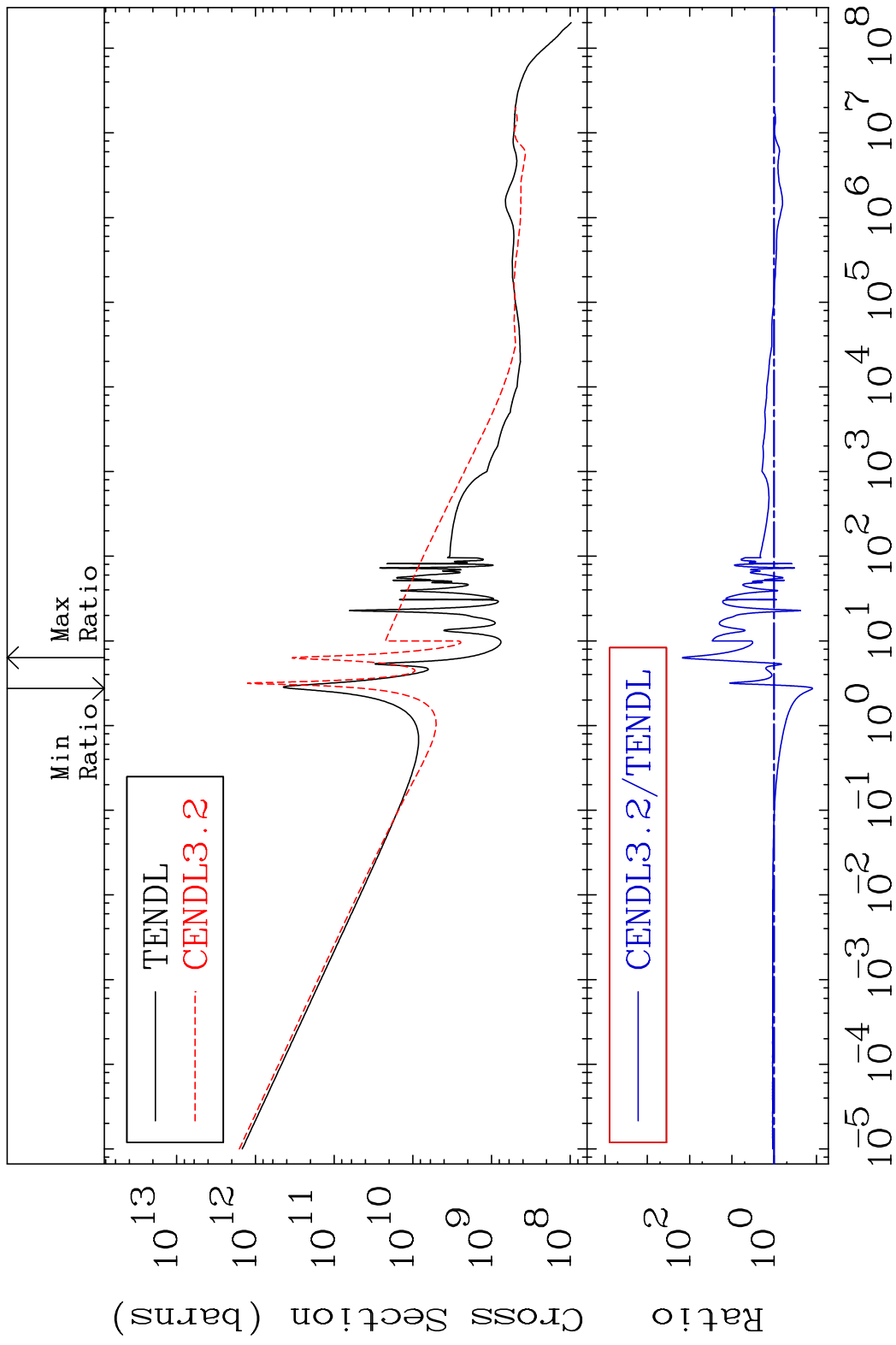
Kerma elastic

94-Pu-236

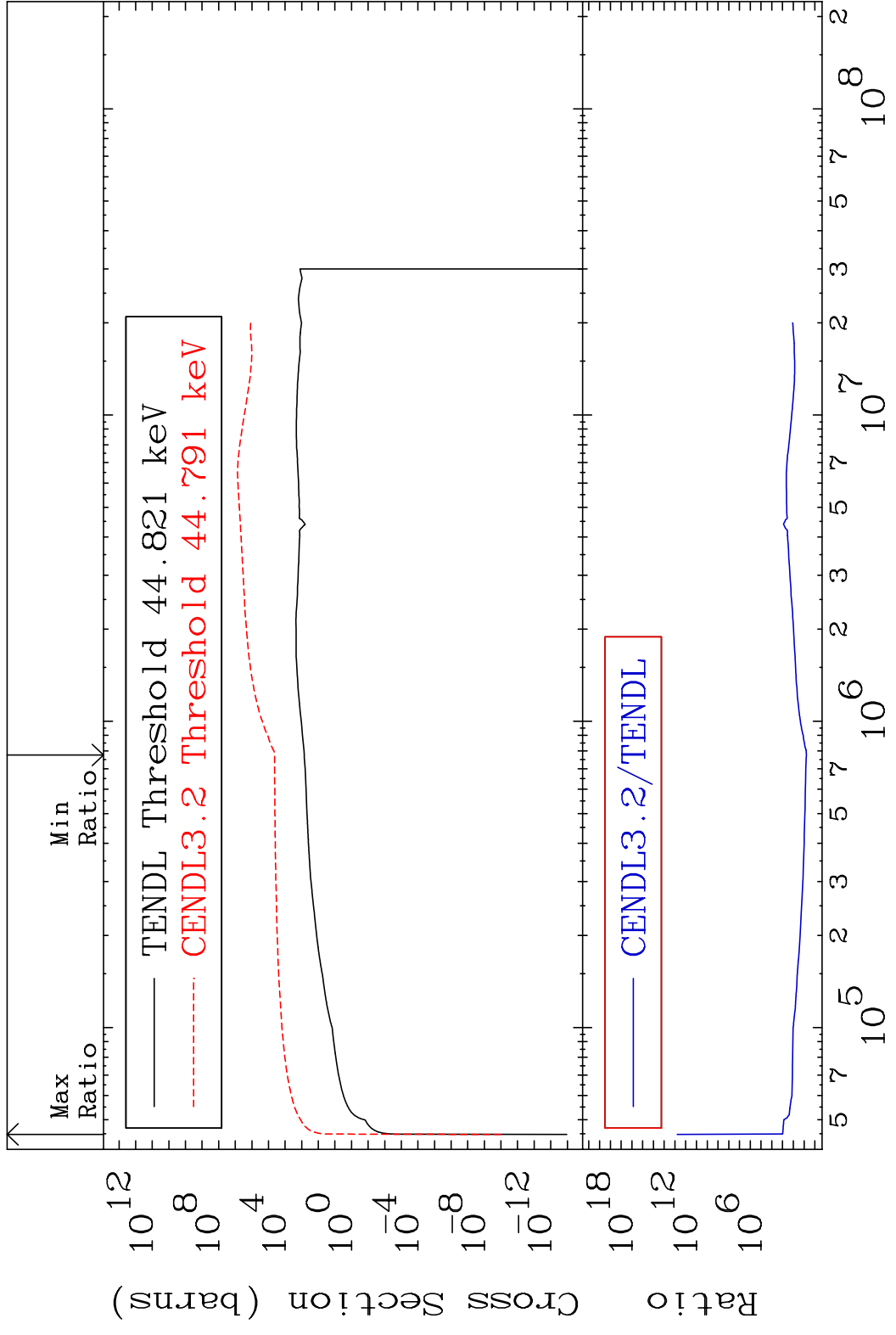
Cross Section -96.68 To 540.7 %



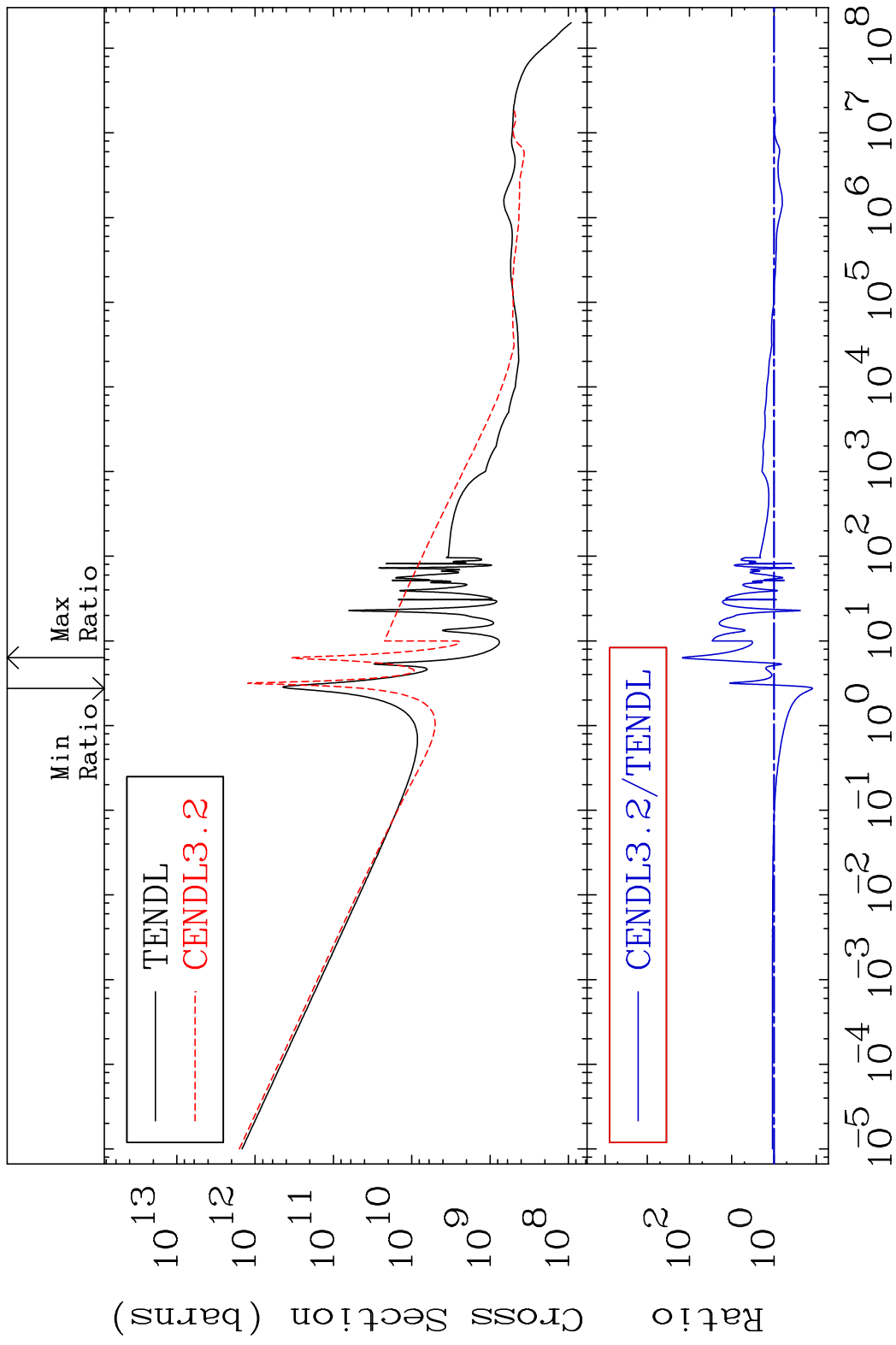
MAT 9428 Kerma non-elastic (all but mt2) 94-Pu-236  
 Cross Section -87.63 To 9999. %

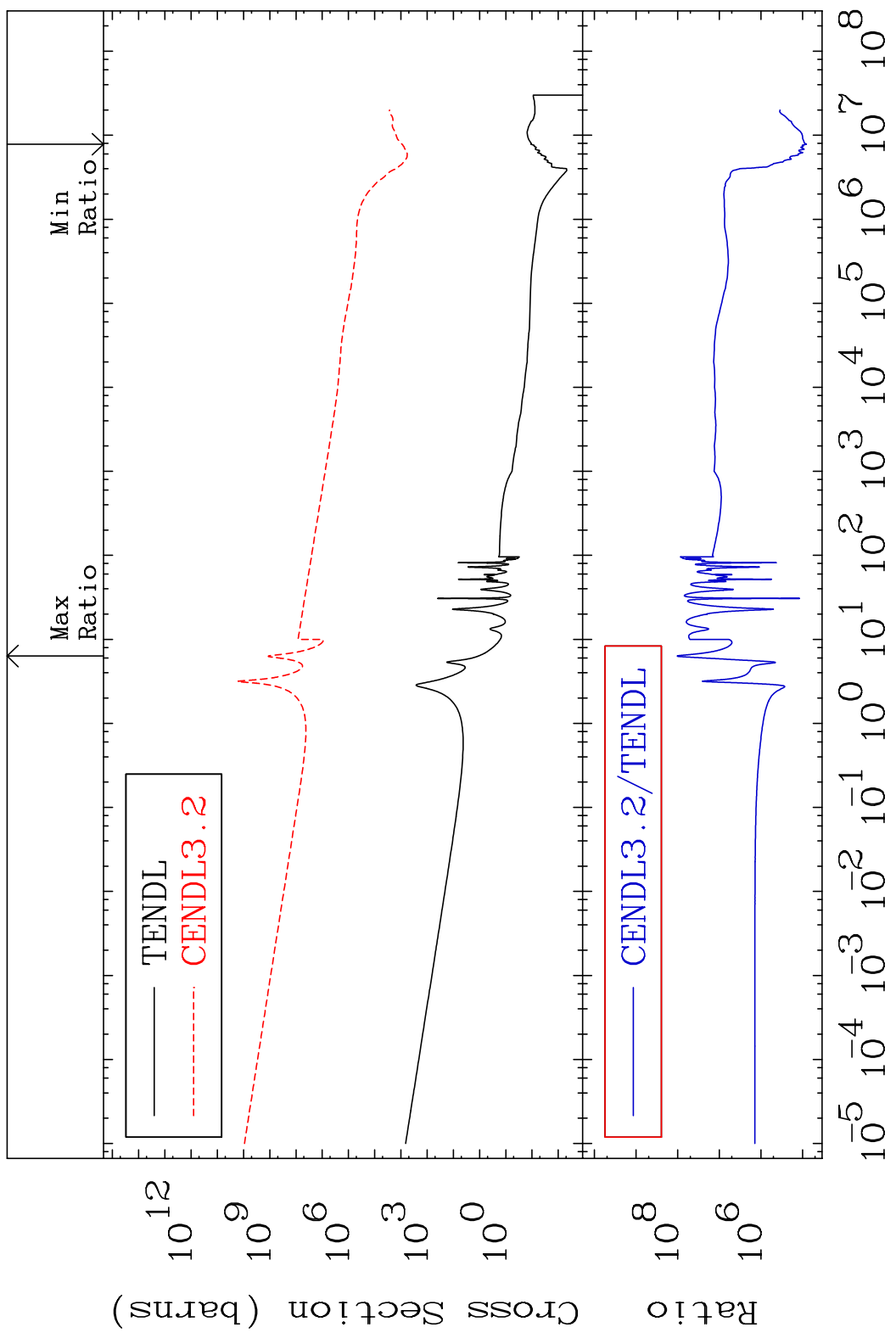


MAT 9428 Kerma inelastic (mt51-91) 94-Pu-236  
 Cross Section 6004. To 9999. %

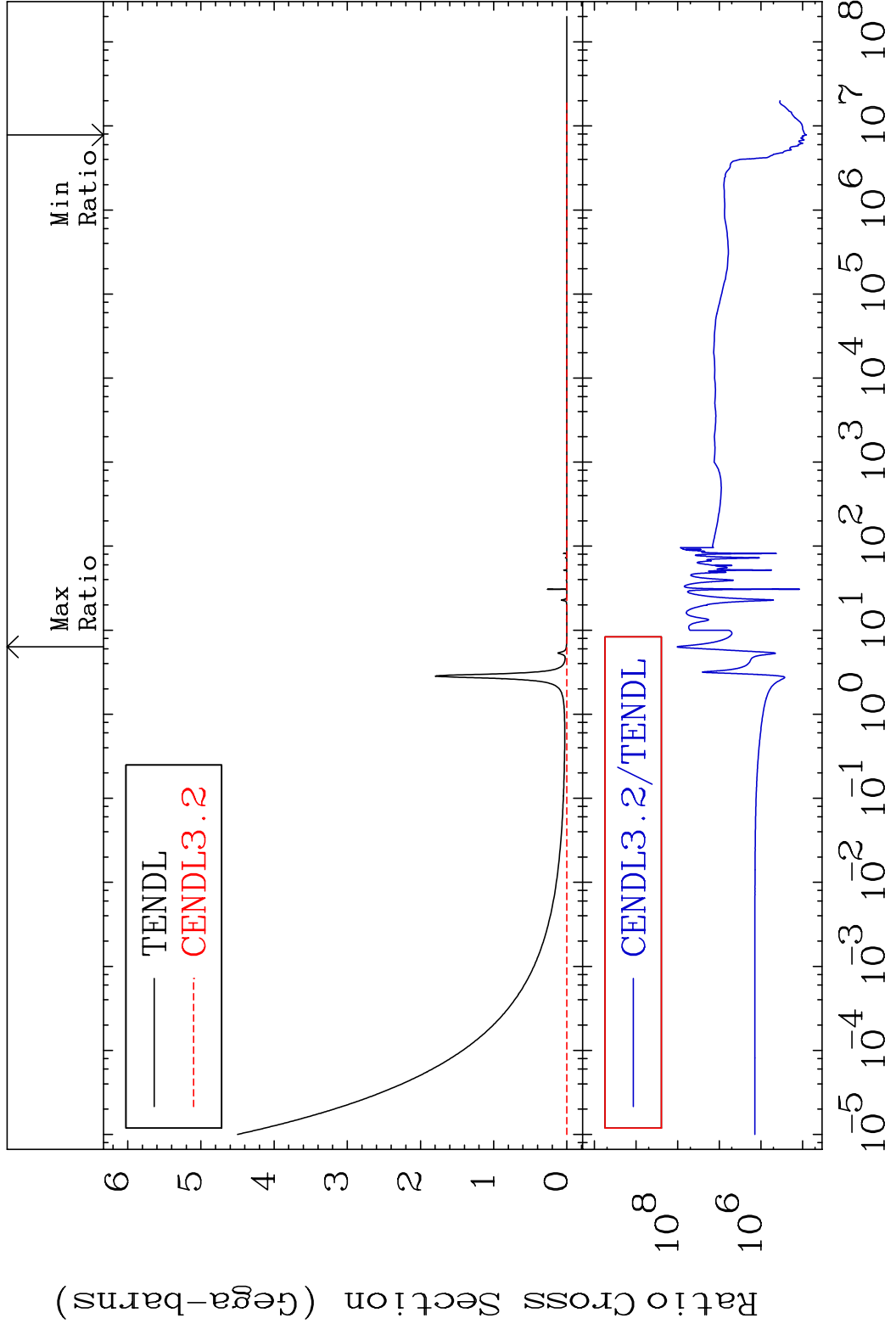


MAT 9428 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-236  
 Cross Section -87.79 To 9999. %

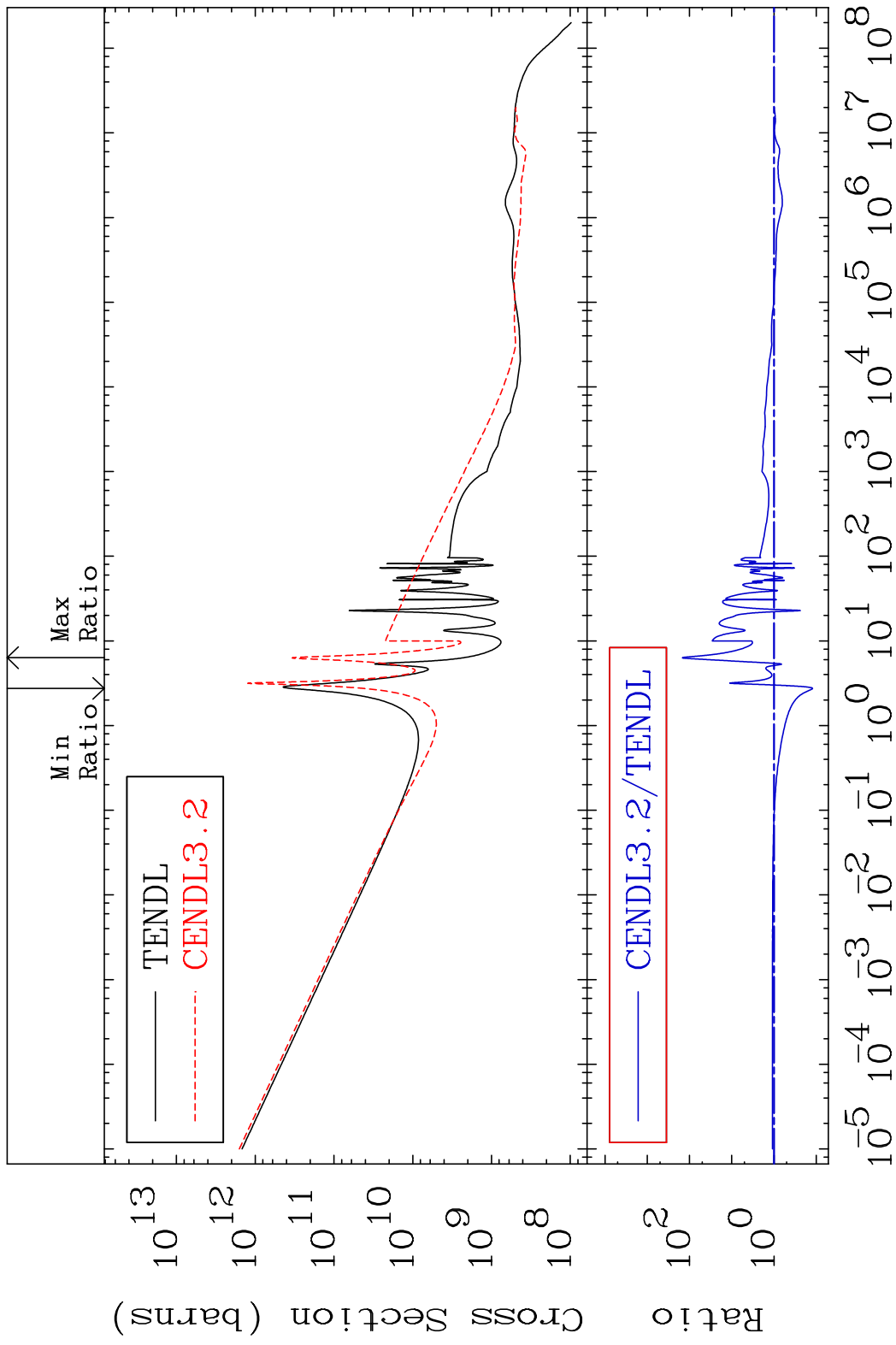




MAT 9428 Total photon (eV-barns) 94-Pu-236  
 Cross Section 9999. To 9999. %



MAT 9428 Total kinematic kerma (high limit) 94-Pu-236  
 Cross Section -87.79 To 9999. %

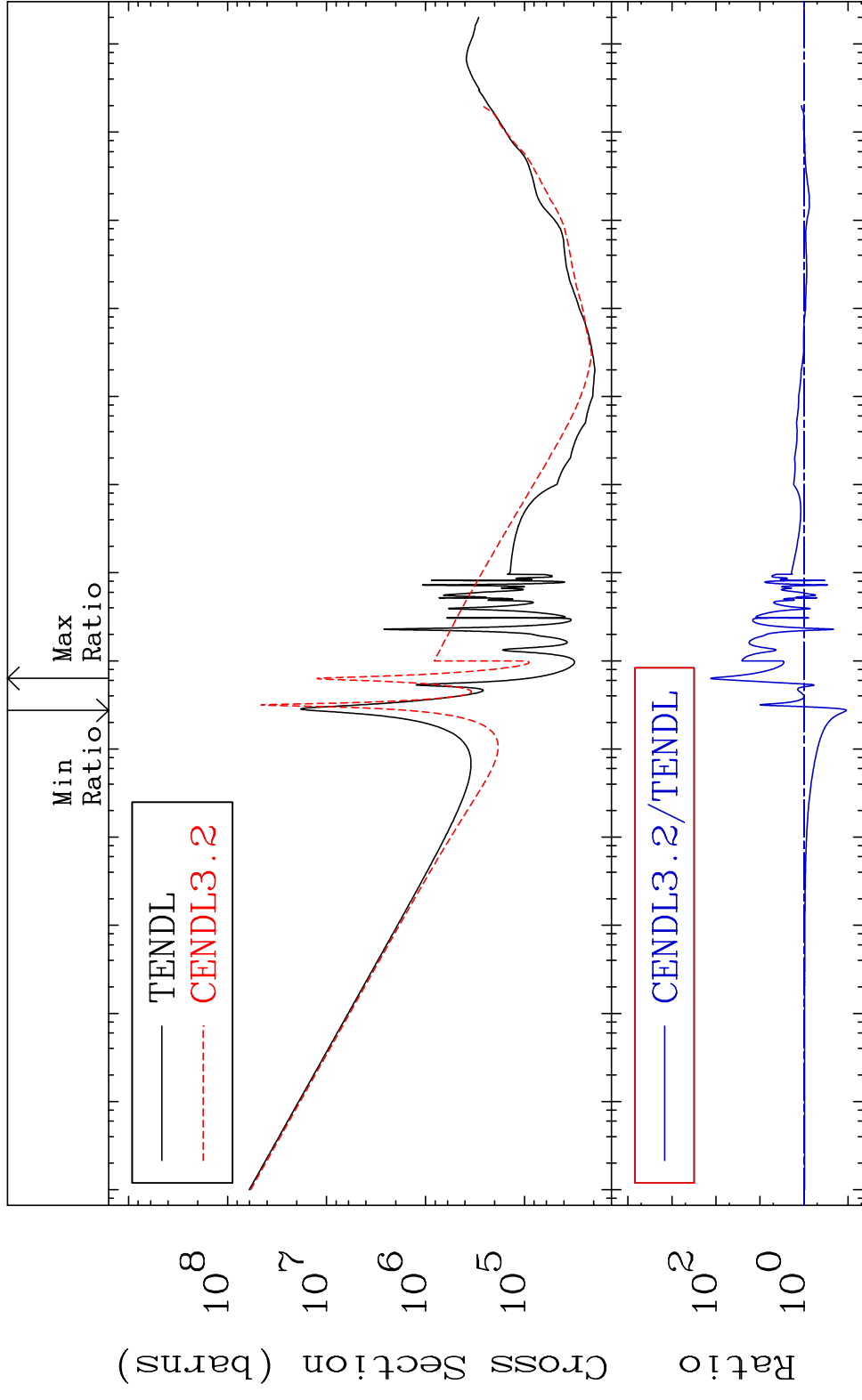


MAT 9428

Dpa total (eV-barns)

94-Pu-236

Cross Section -89.06 To 9999. %



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Incident Energy (eV)

94-Pu-236

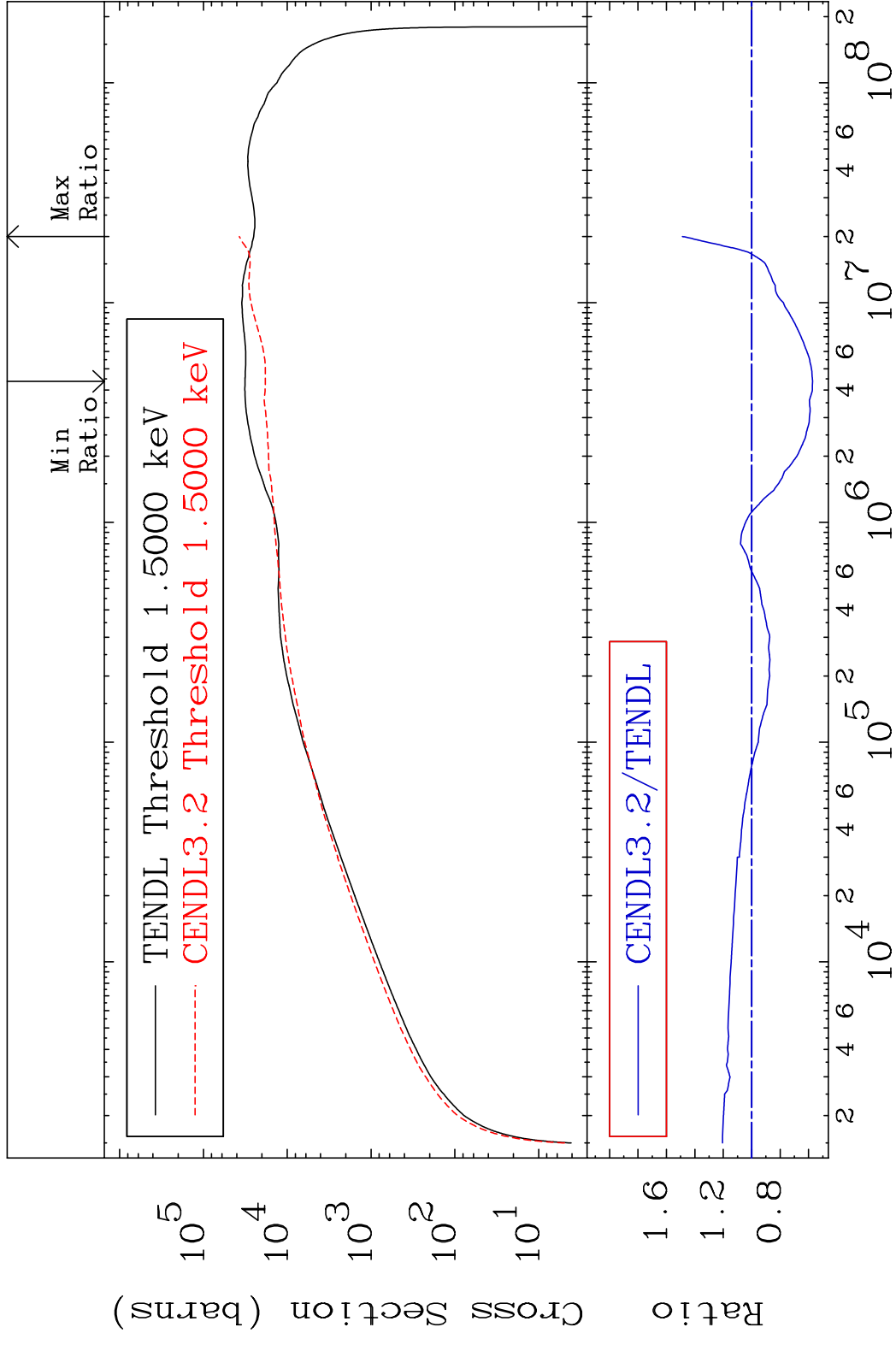
MAT 9428

Dpa elastic (mt2)

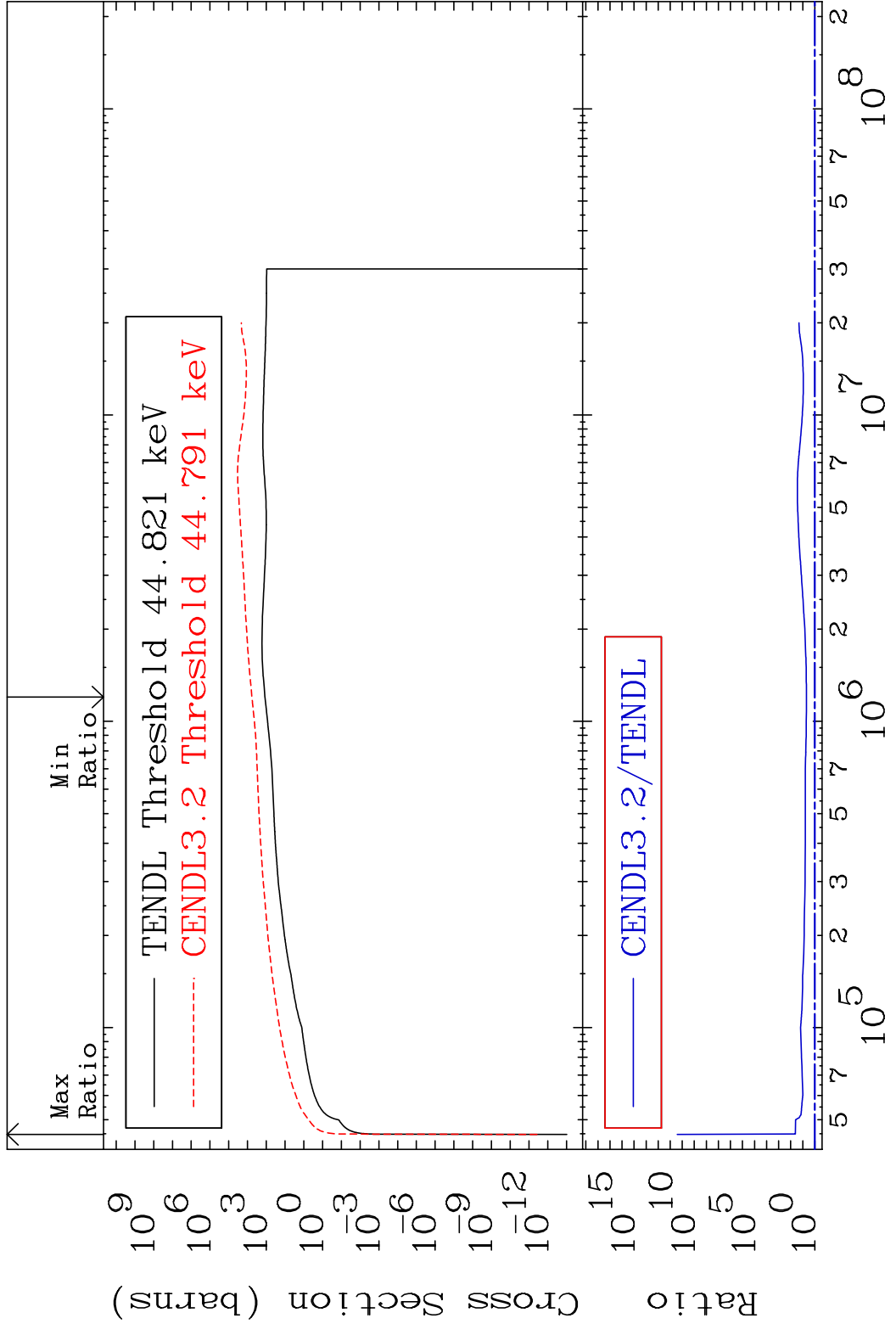
94-Pu-236

Cross Section

-42.80 To 48.79 %



MAT 9428 Dpa inelastic (mt51-91) 94-Pu-236  
 Cross Section 395.1 To 9999. %



MAT 9428 Dpa disappearance (mt102 -120) 94-Pu-236  
 Cross Section -9.560 To 9999. %

