

Program Complot  
(Version 2021-1)

by

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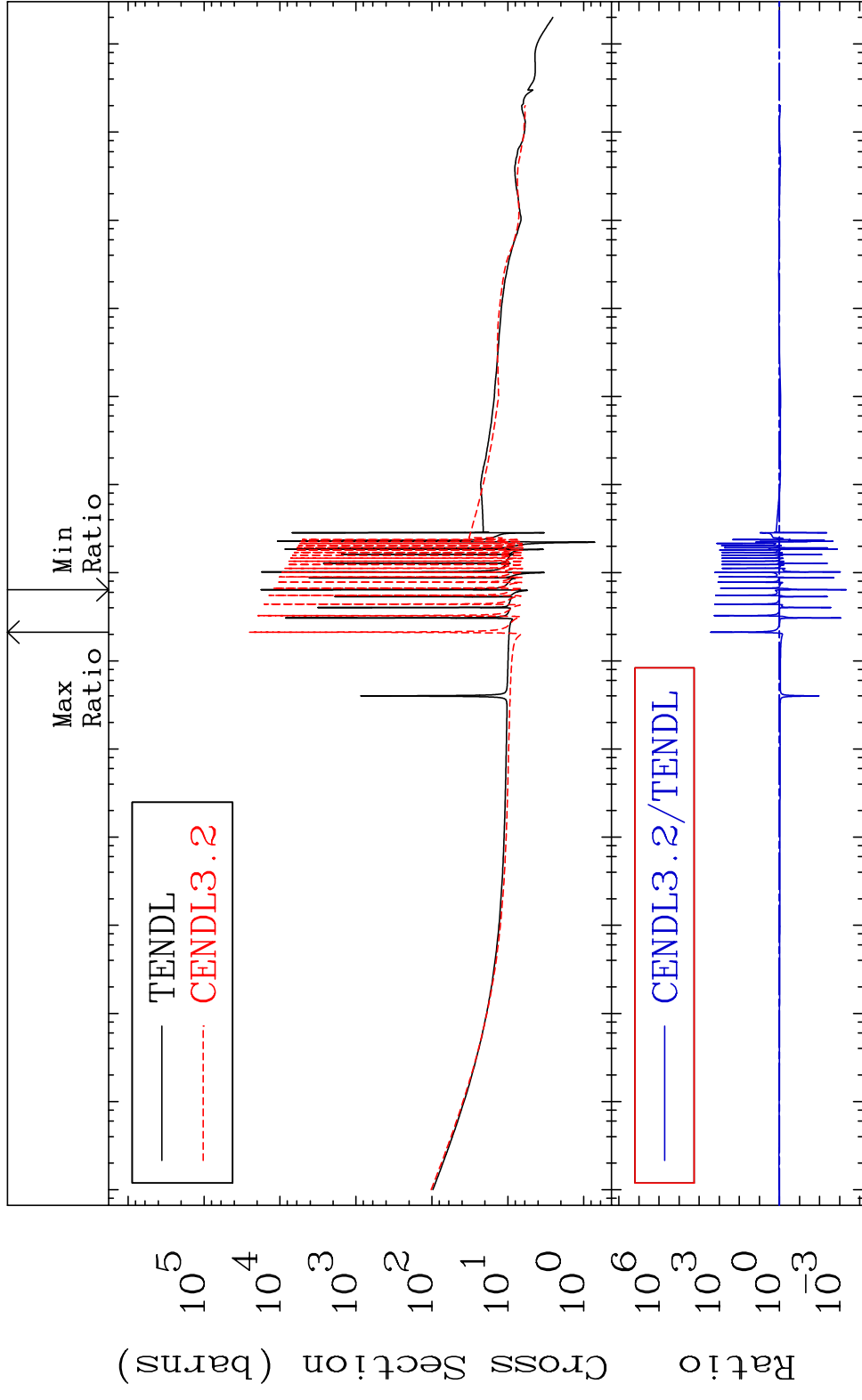
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9452

Total Cross Section -99.95 To 9999. %

94-Pu-244



1

Incident Energy (eV)

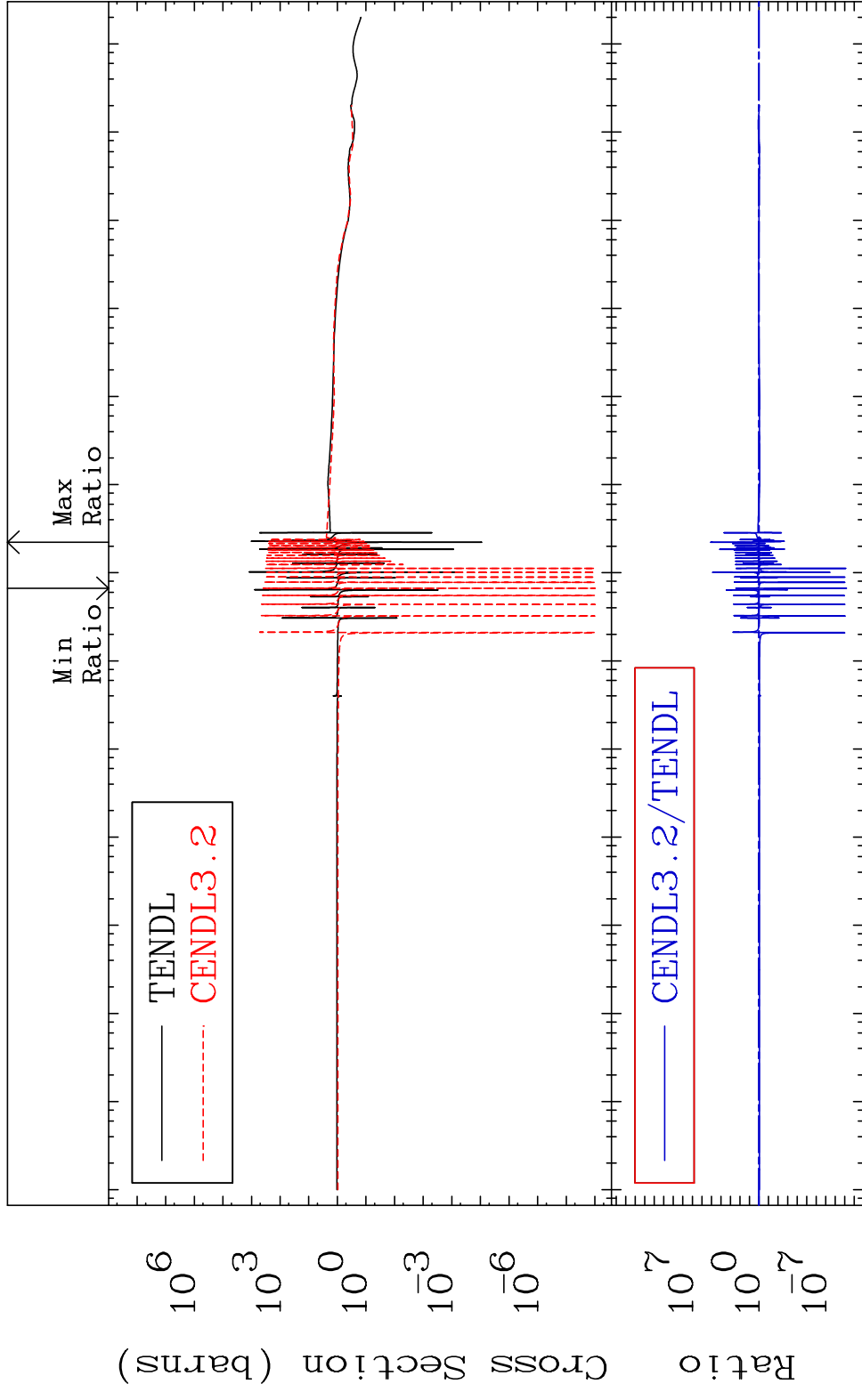
94-Pu-244

MAT 9452

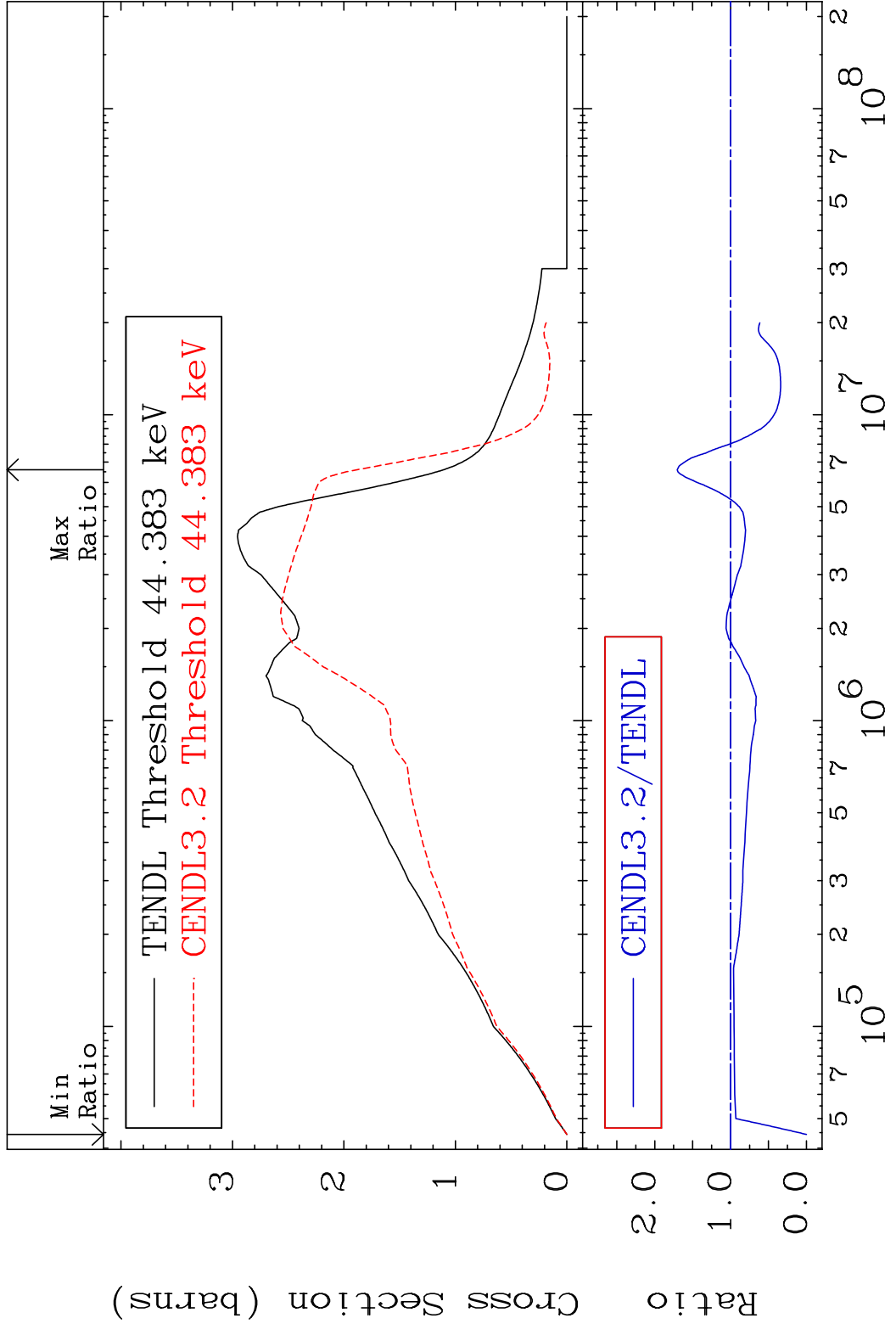
94-Pu-244

Elastic

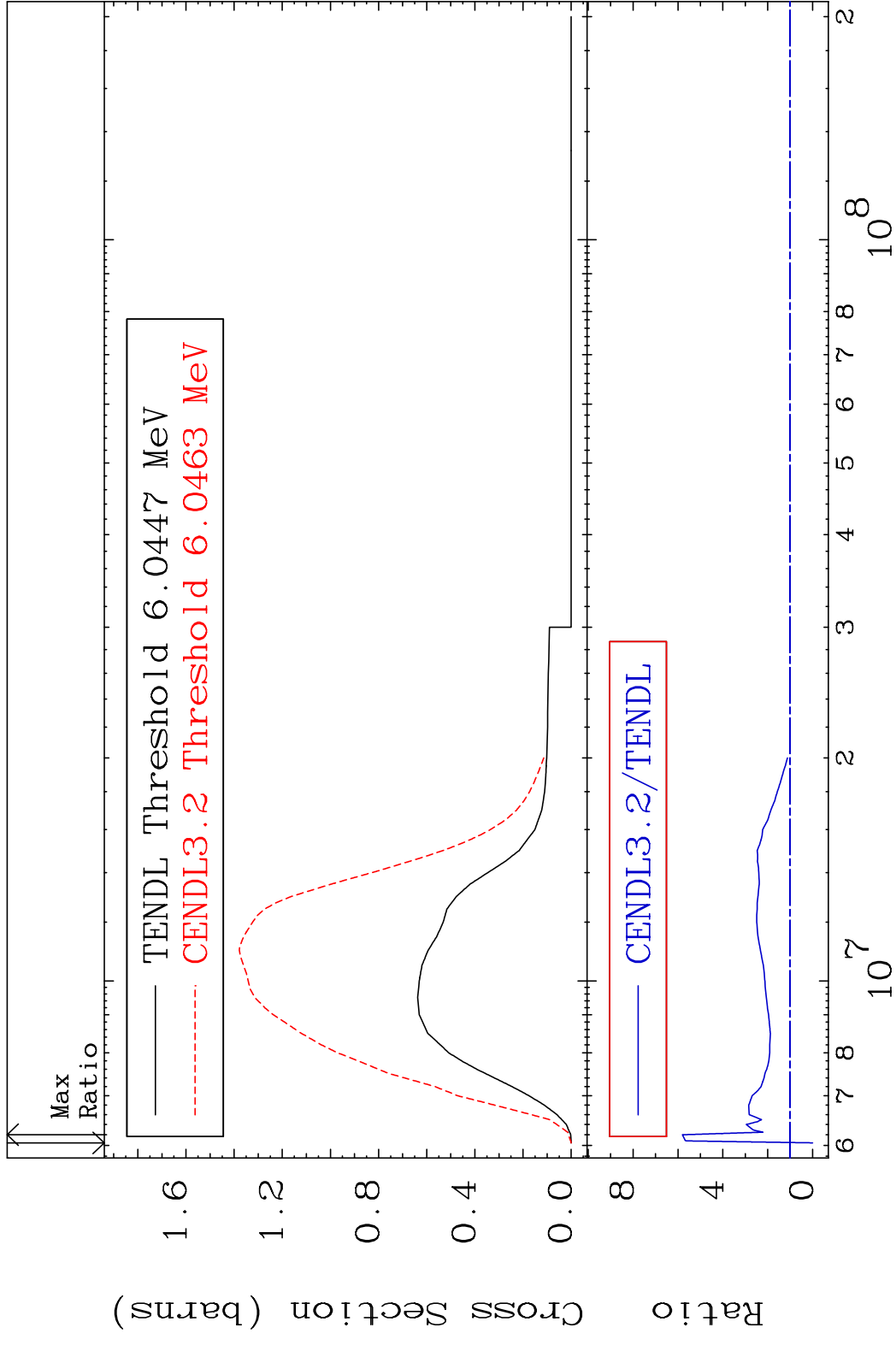
Cross Section -100.0 To 9999. %



MAT 9452 Inelastic 94-Pu-244  
 Cross Section -100.0 To 70.41 %

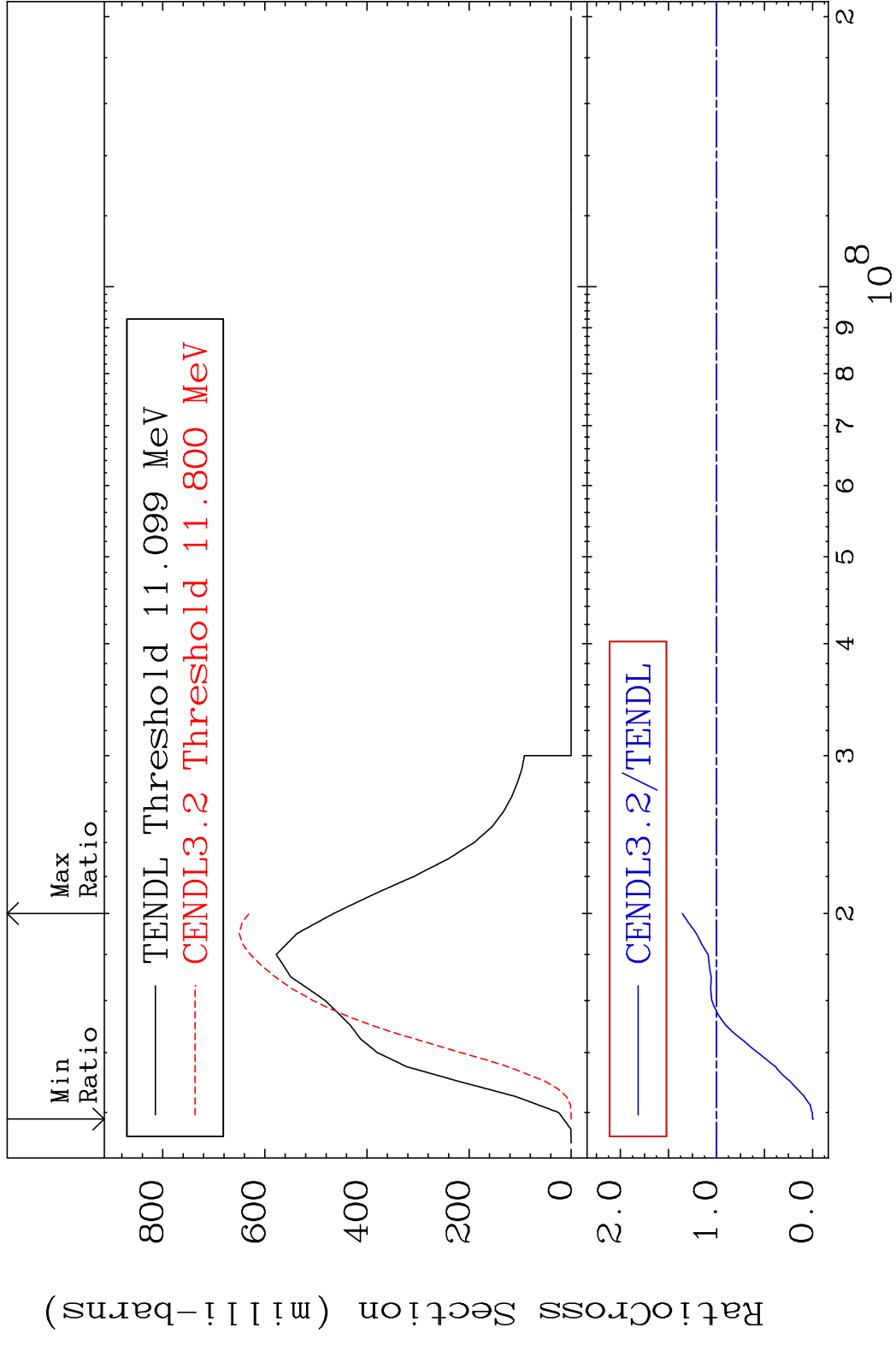


MAT 9452 (n,2n) 94-Pu-244  
 Cross Section -100.0 To 480.4 %



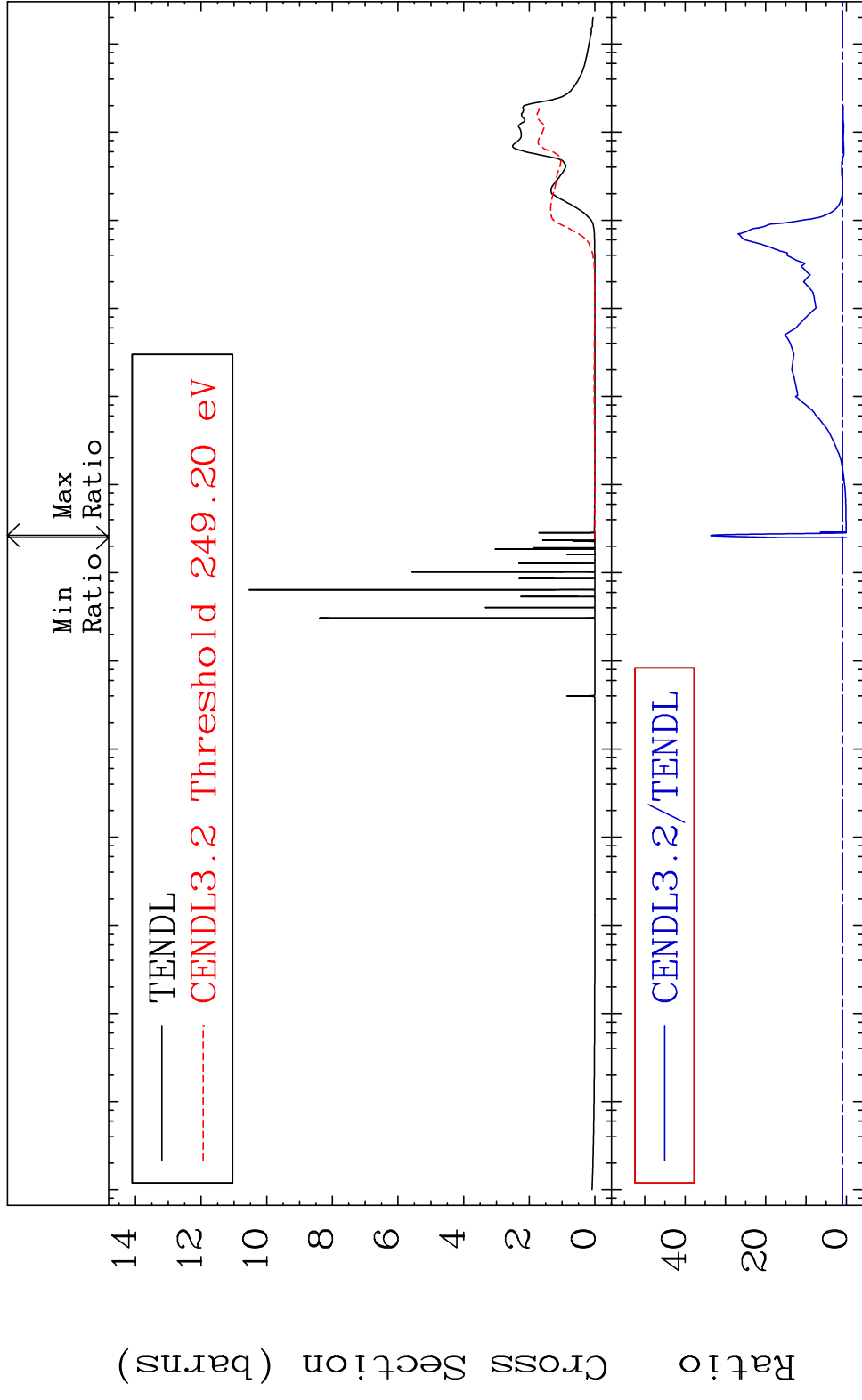
4 Incident Energy (eV) 94-Pu-244

MAT 9452 (n,3n) 94-Pu-244  
 Cross Section -100.0 To 35.55 %

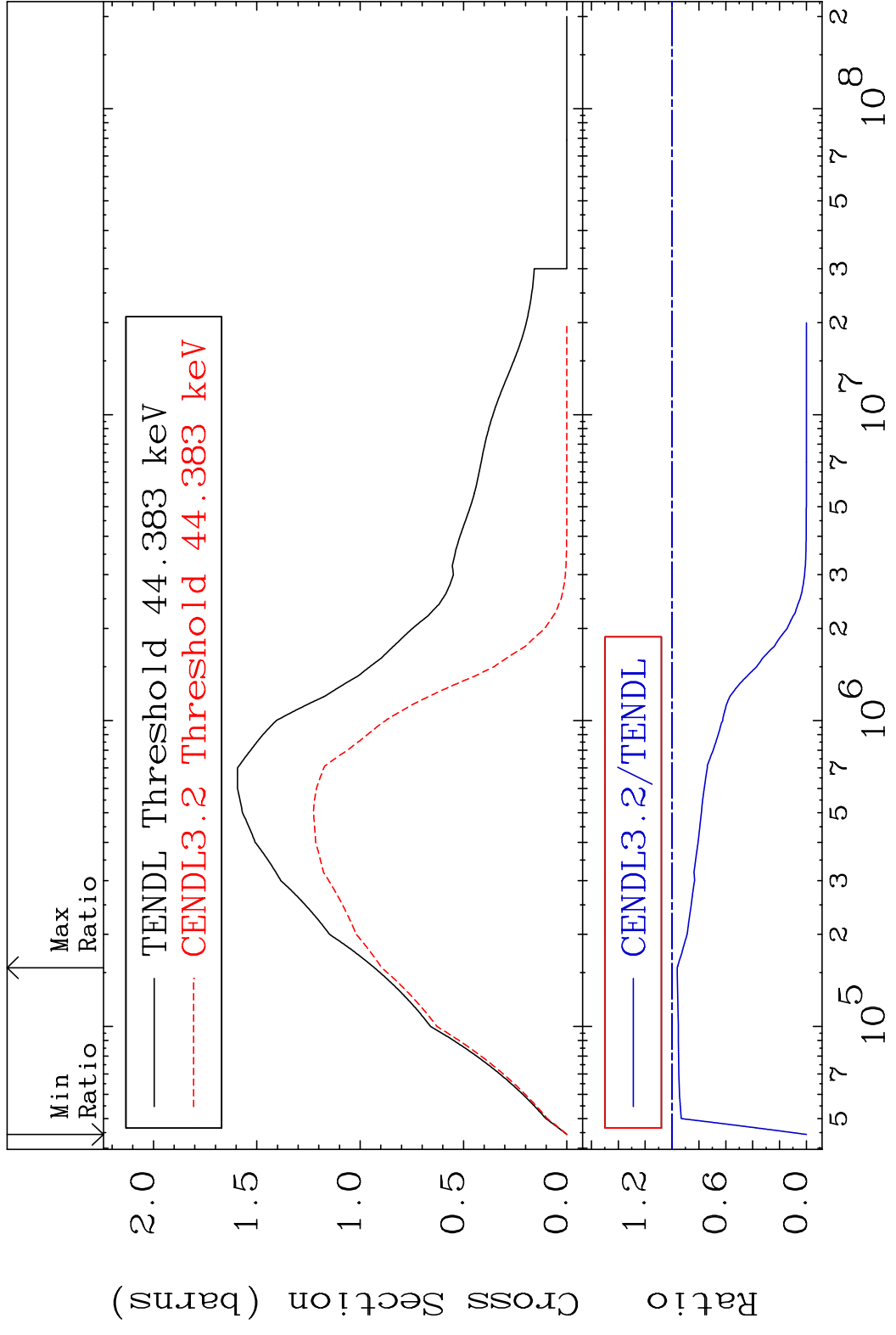


MAT 9452

Fission Cross Section -100.0 To 3264. %  
94-Pu-244

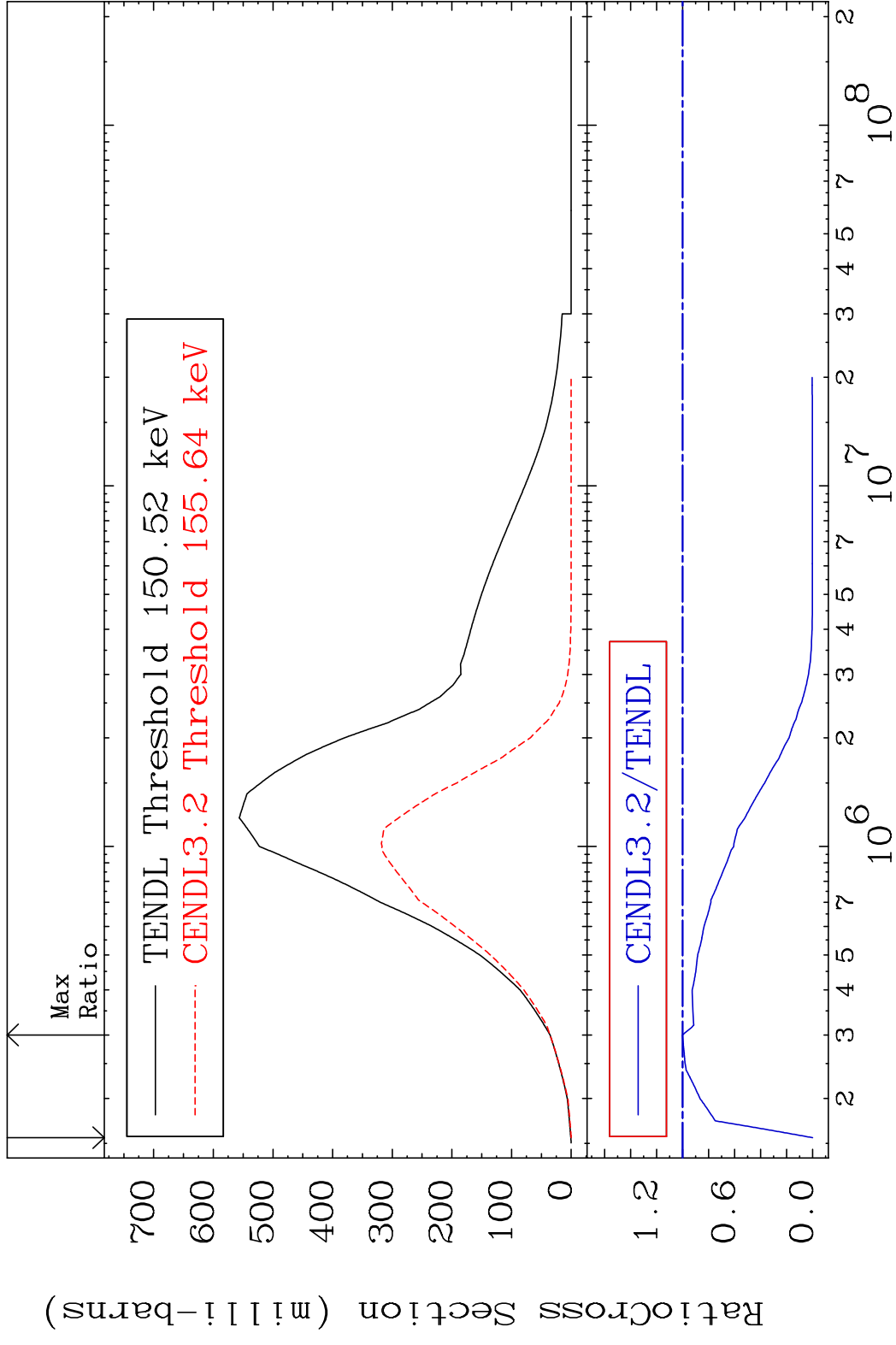


MAT 9452 MT= 51 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To -3.834%

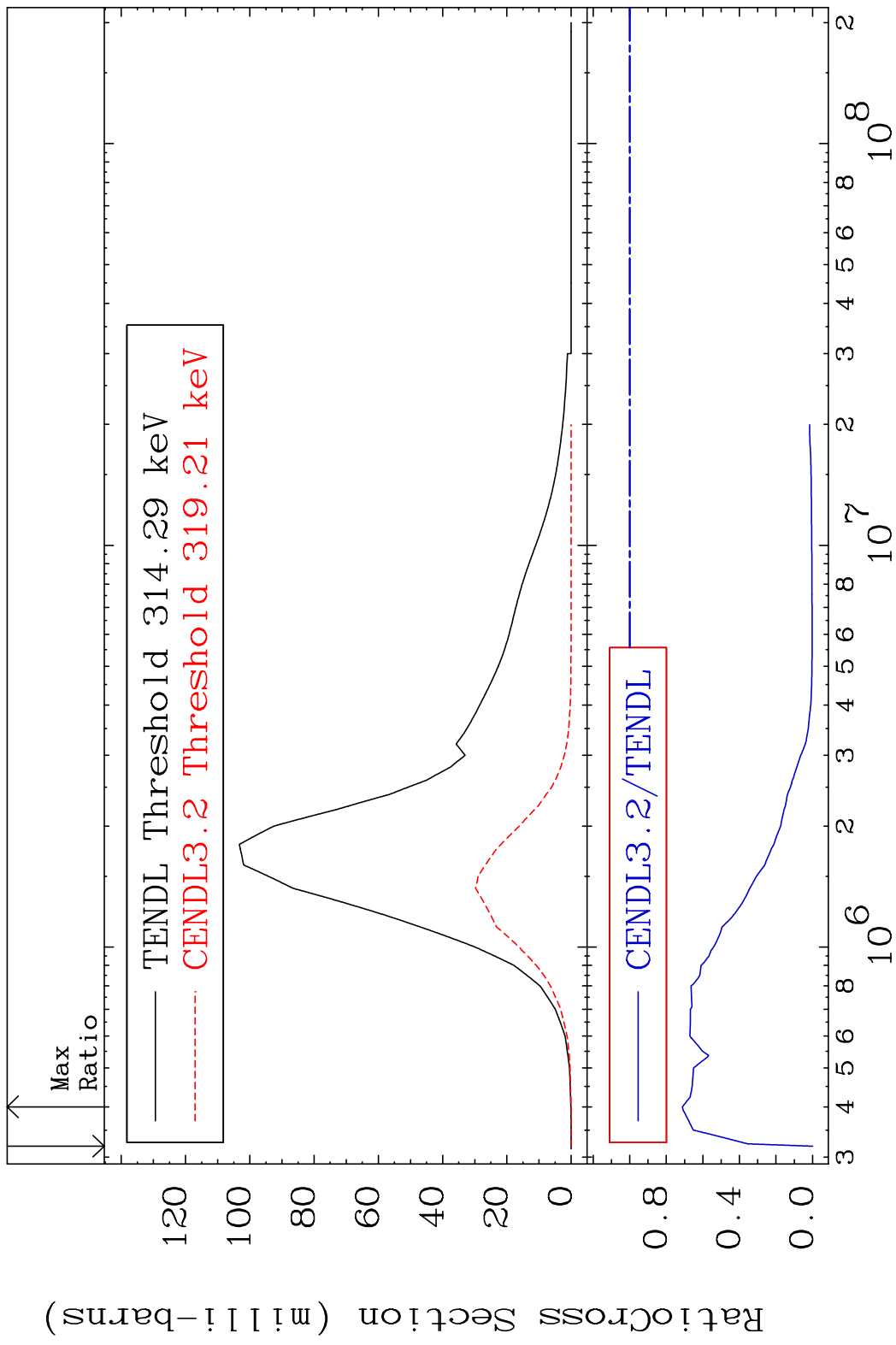




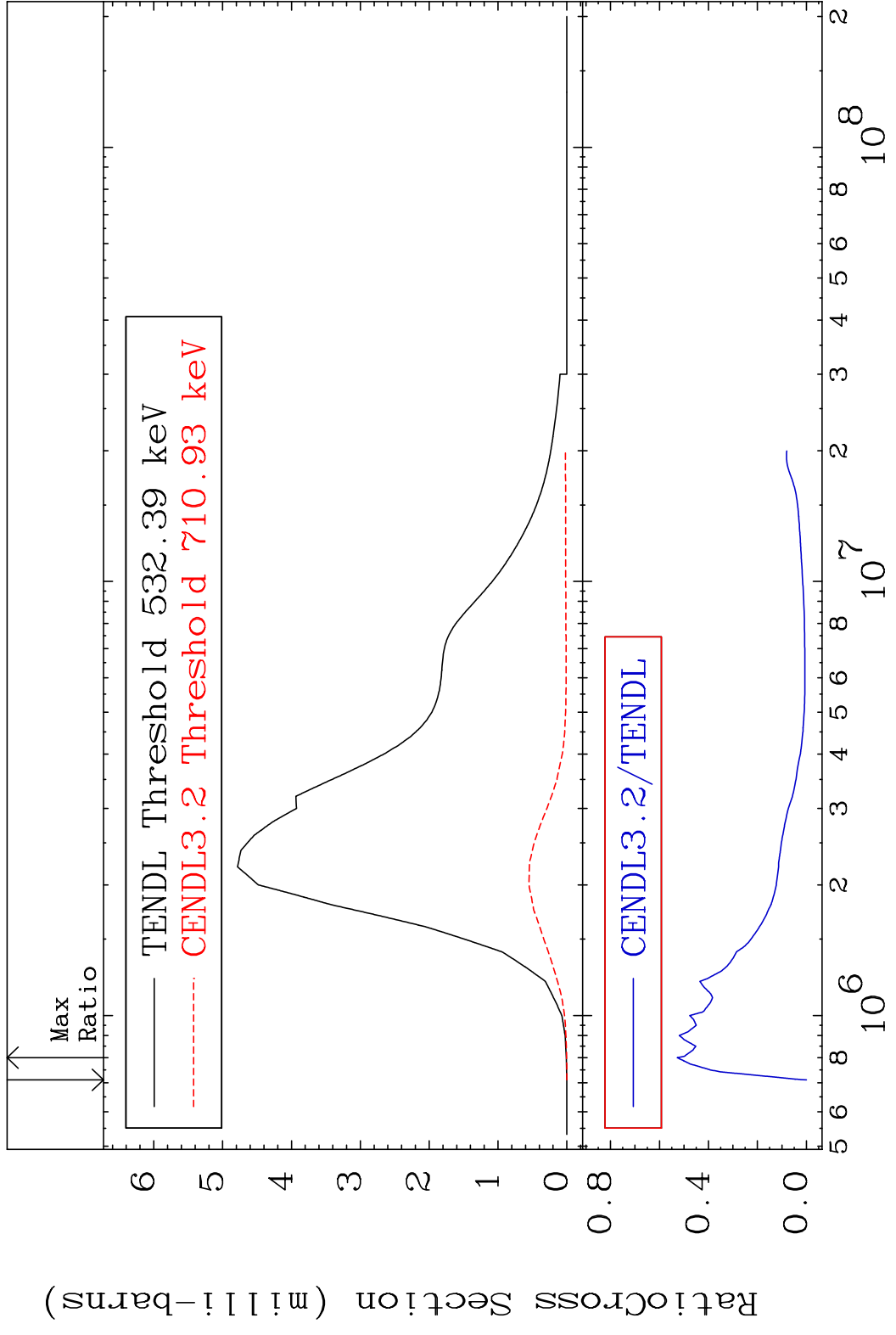
MAT 9452 MT= 52 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To 0.216 %



MAT 9452 MT= 53 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To -28.78%

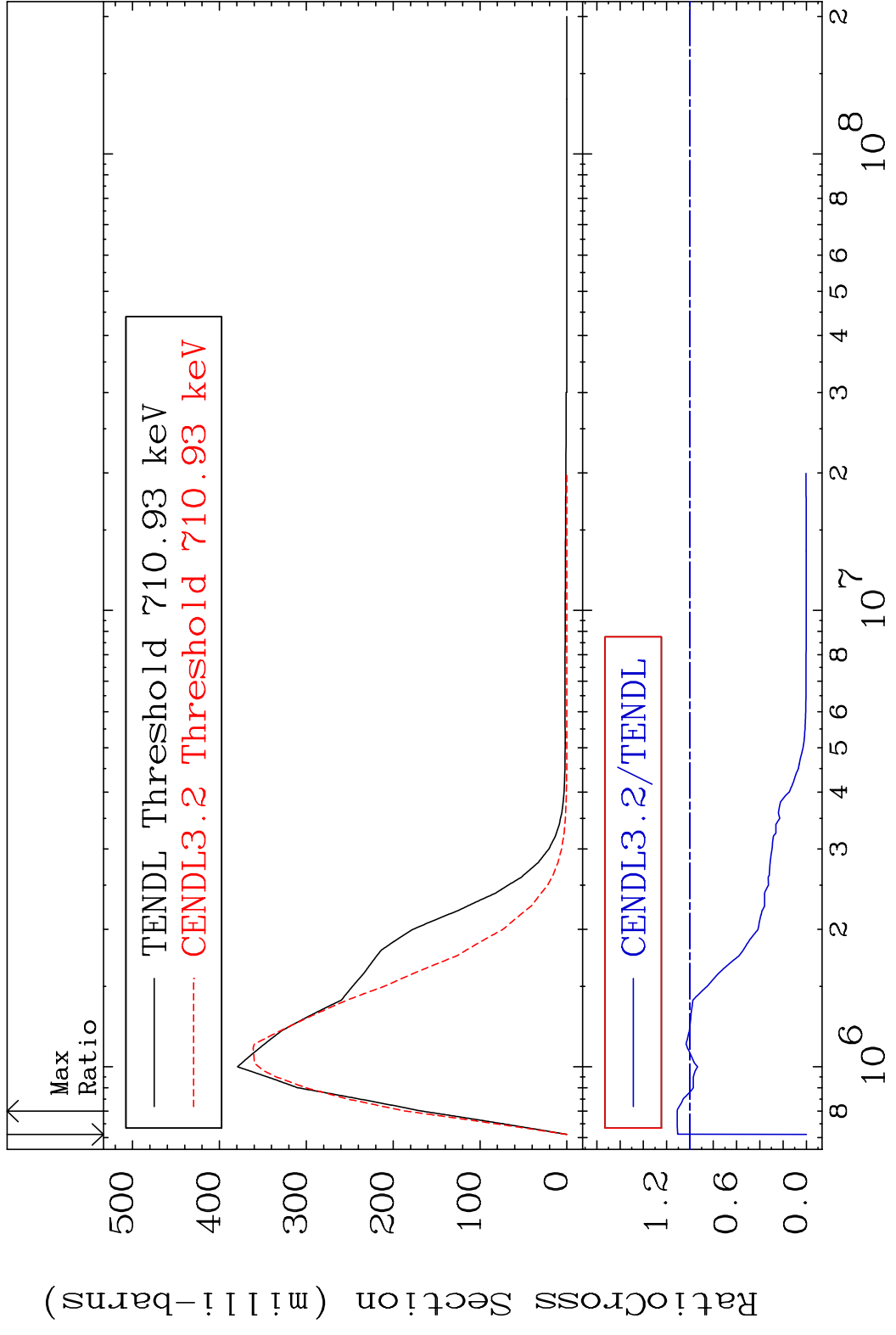


MAT 9452 MT= 54 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To -47.23%

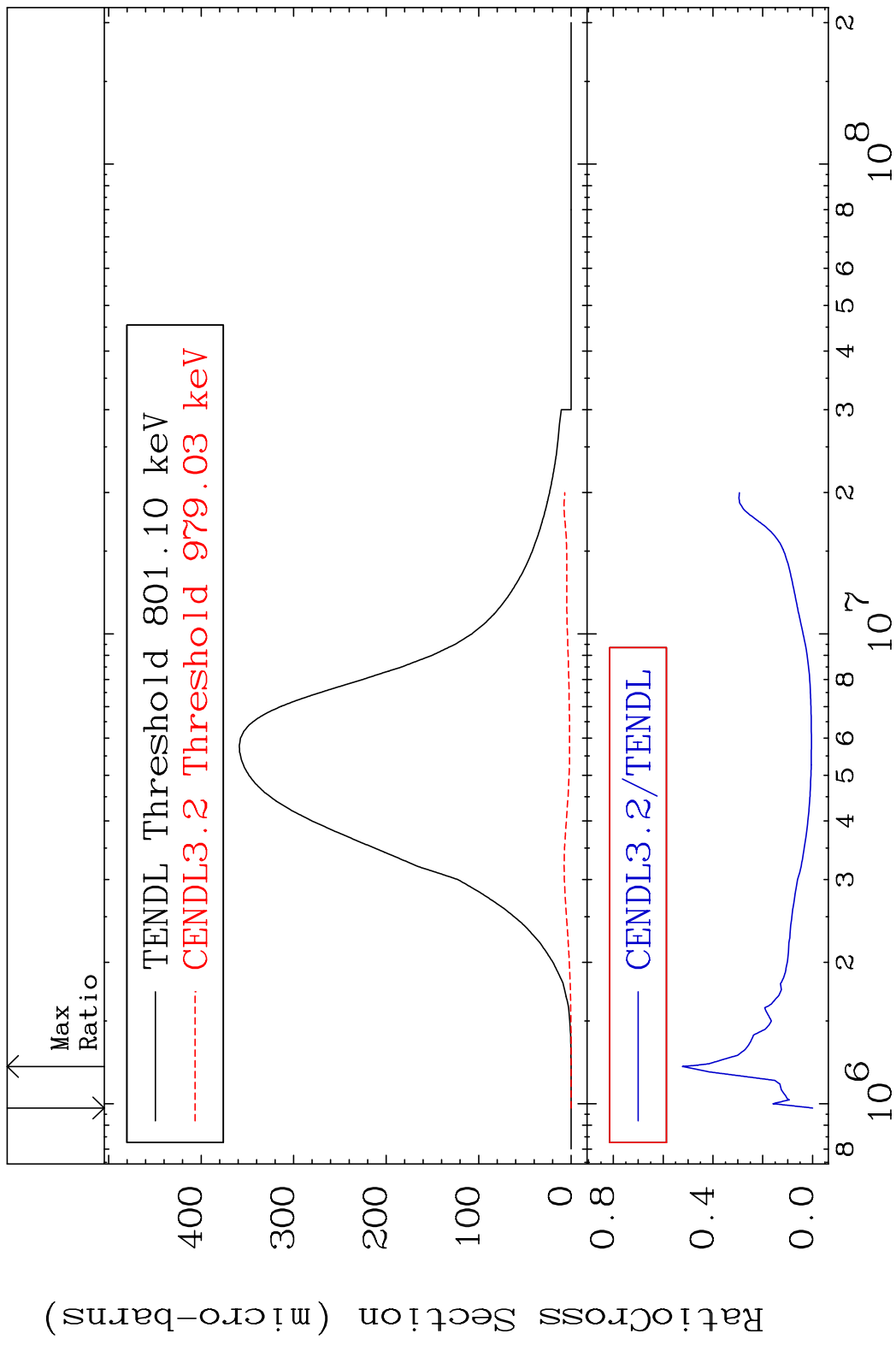


10 Incident Energy (eV) 94-Pu-244

MAT 9452 MT= 55 (n,n') Level 94-Pu-244  
 Cross Section -100.0 To 10.97 %

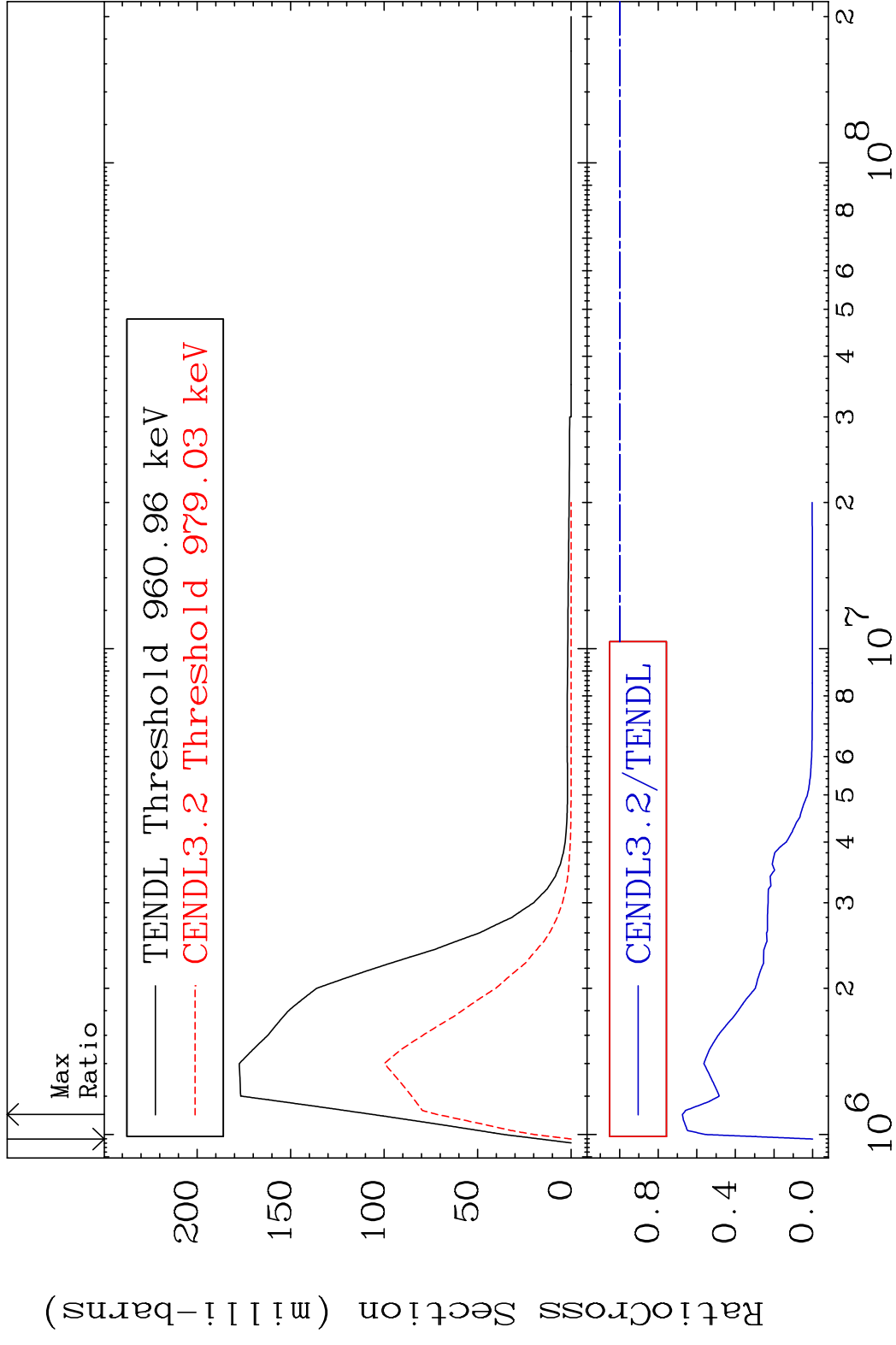


MAT 9452 MT= 56 (n,n') Level 94-Pu-244  
 Cross Section -100.0 To -47.71%



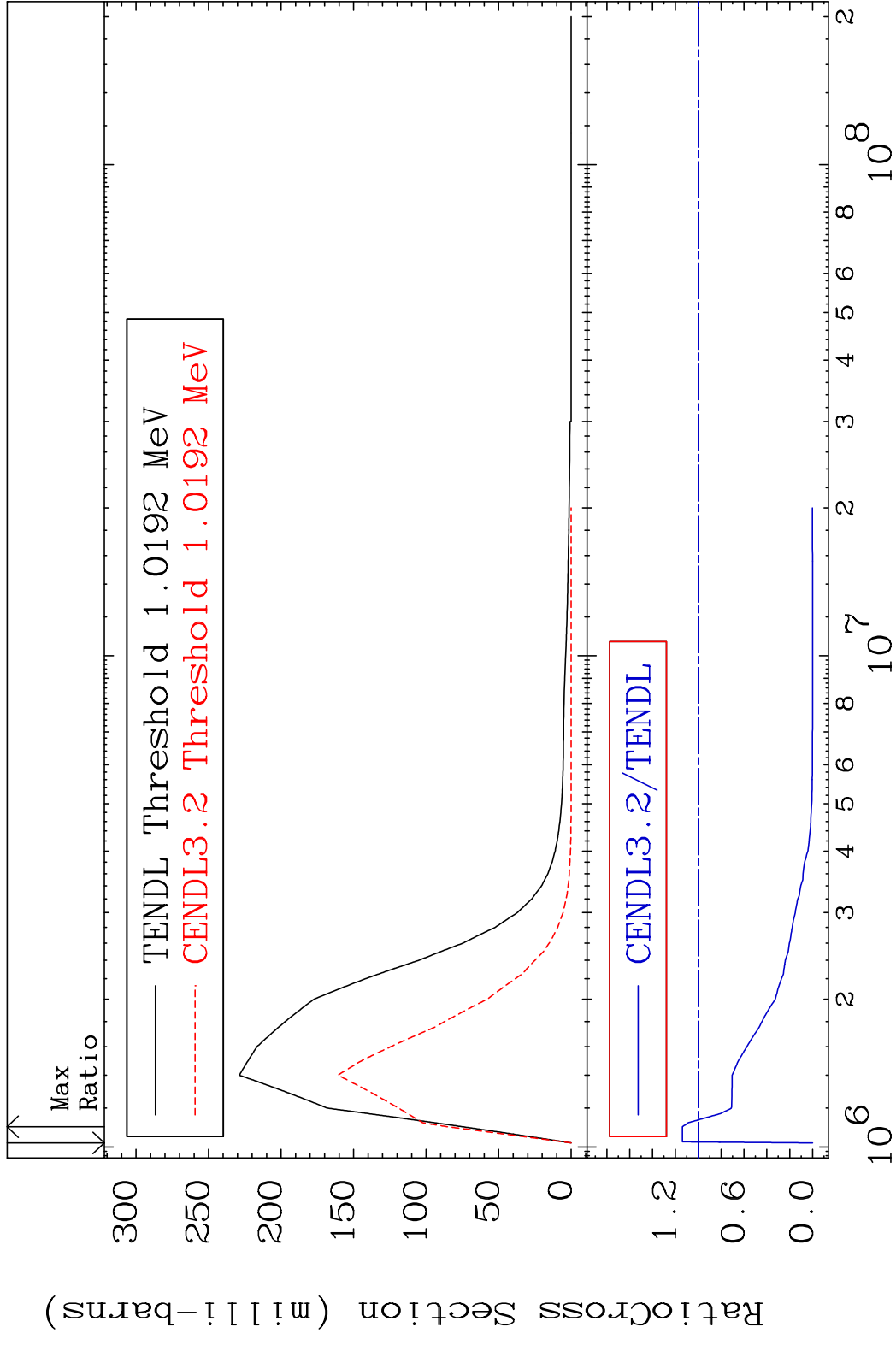
12 Incident Energy (eV) 94-Pu-244

MAT 9452 MT= 57 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To -32.53%

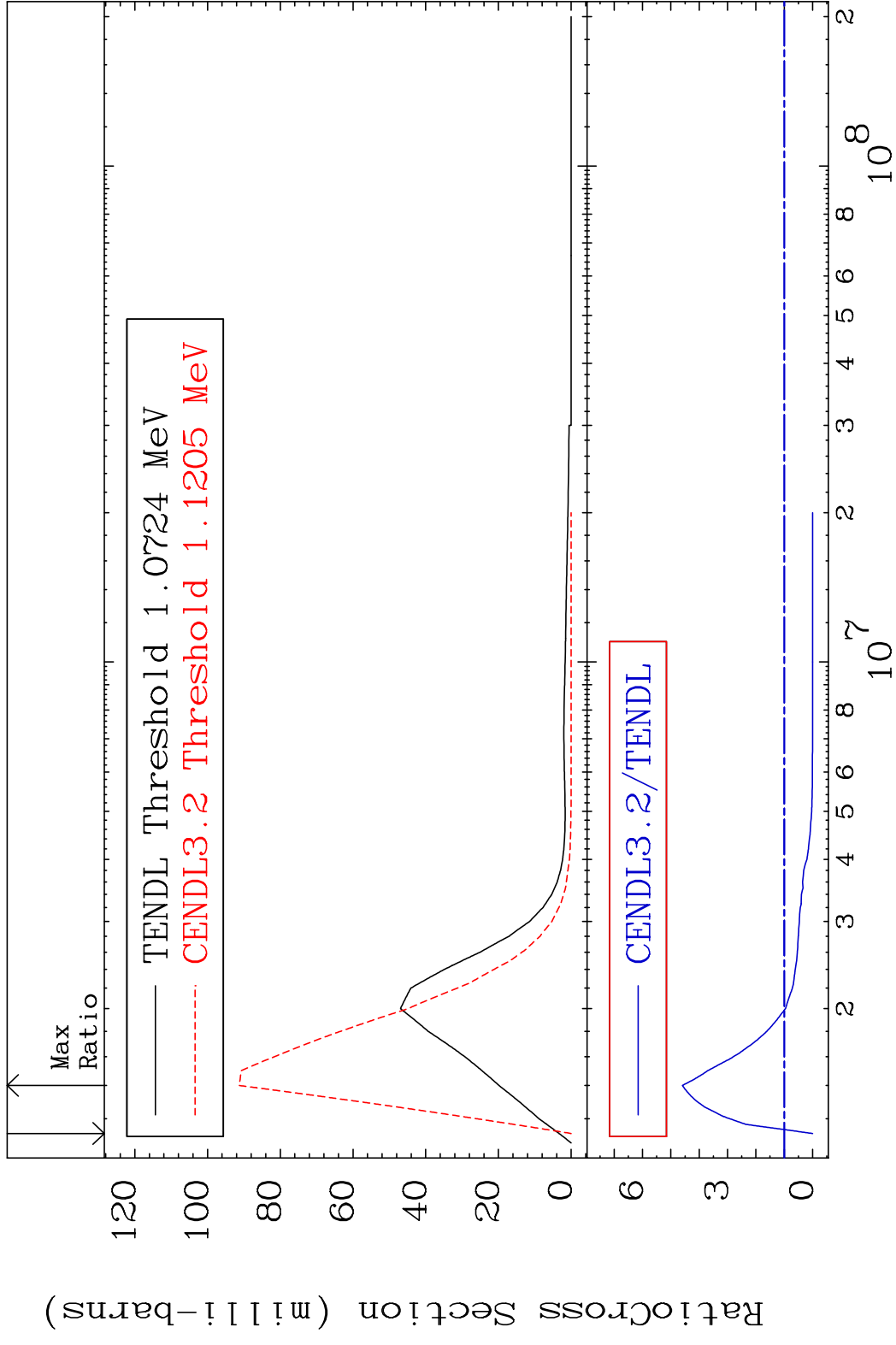


13 Incident Energy (eV) 94-Pu-244

MAT 9452 MT= 58 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To 13.91 %



MAT 9452 MT= 59 (n, n') Level 94-Pu-244  
 Cross Section -100.0 To 359.5 %



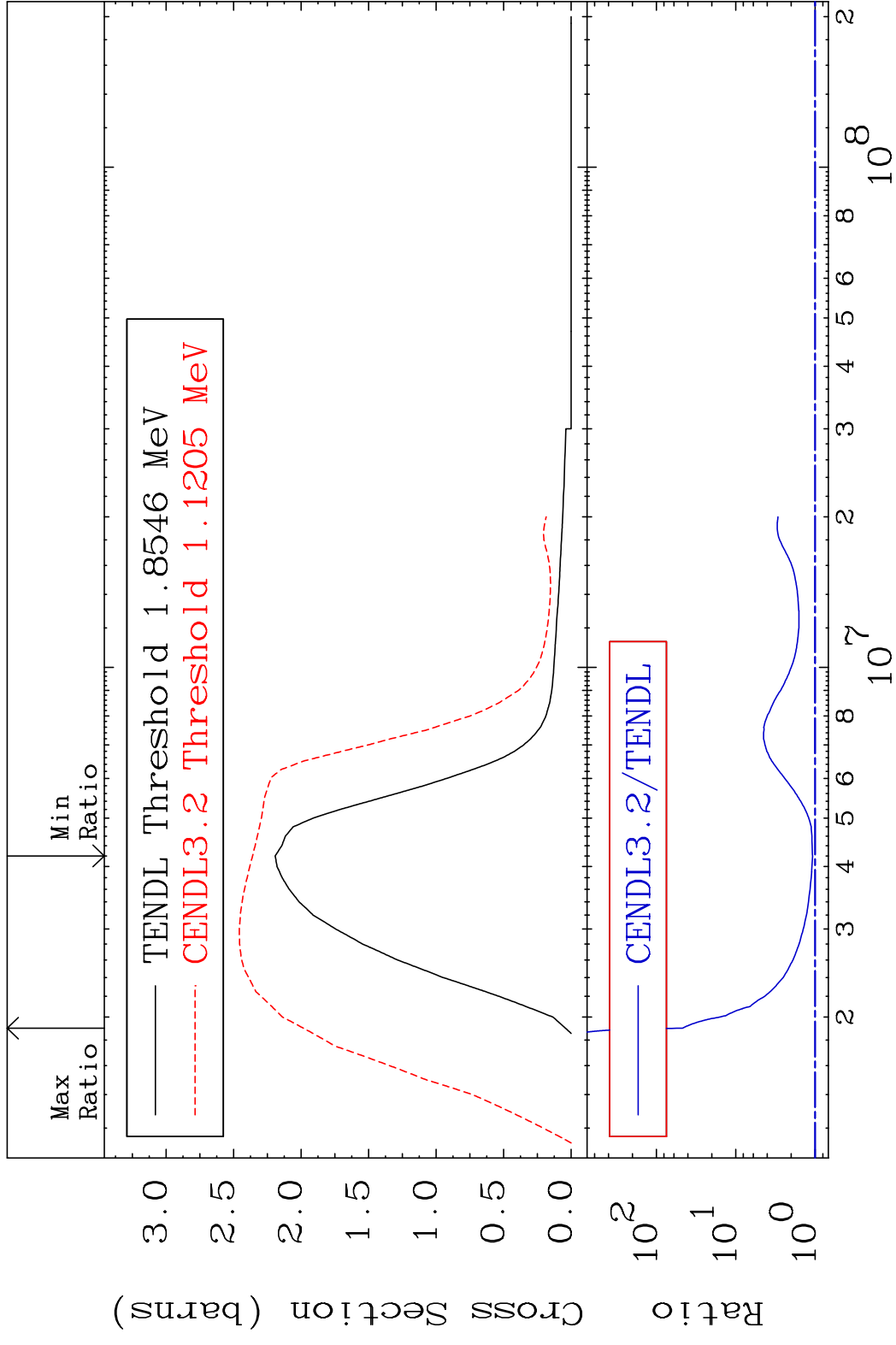


MAT 9452

(n,n') Continuum

94-Pu-244

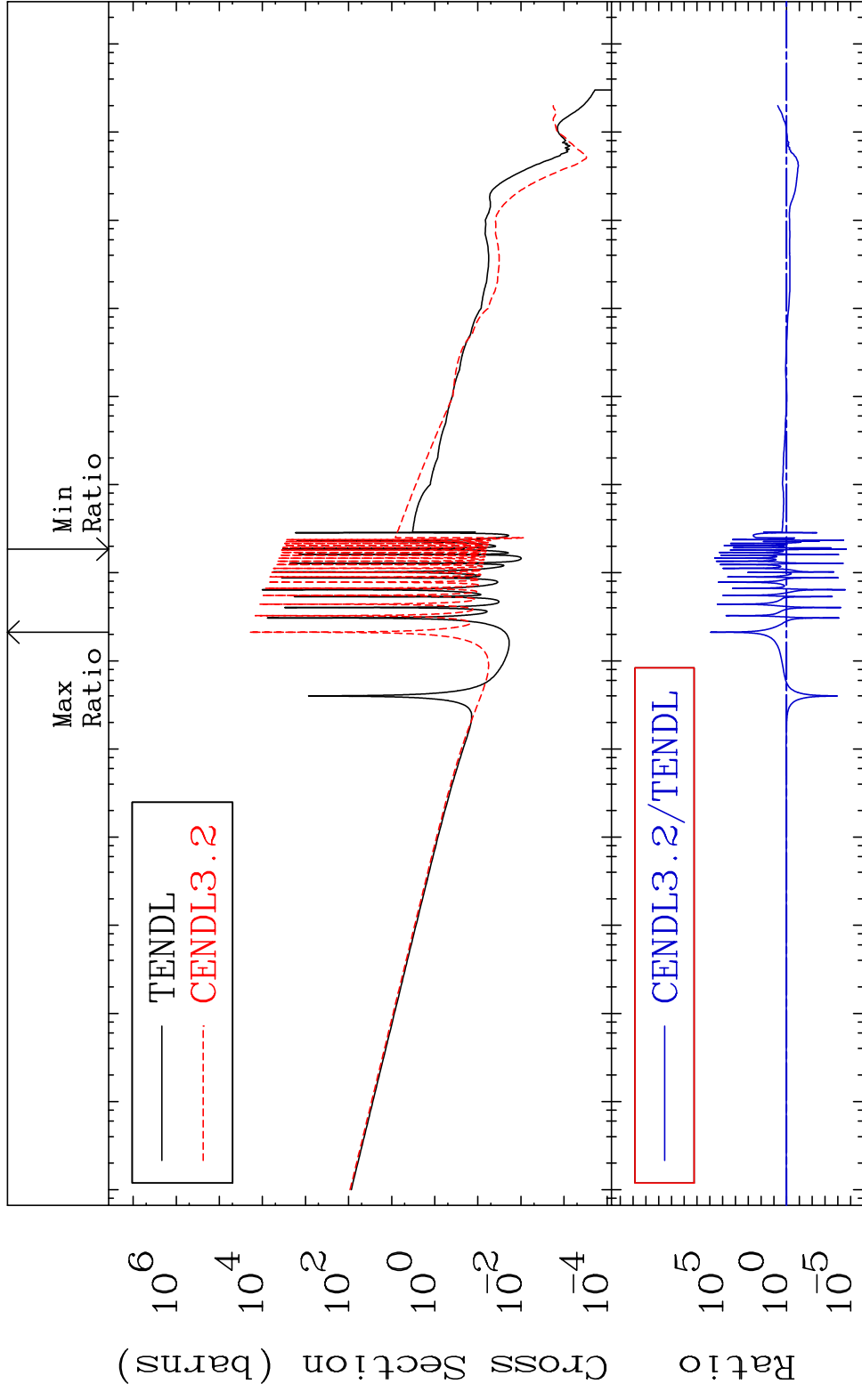
Cross Section 7.636 To 4596. %



MAT 9452

(n,  $\gamma$ )  
Cross Section -100.0 To 9999. %

94-Pu-244

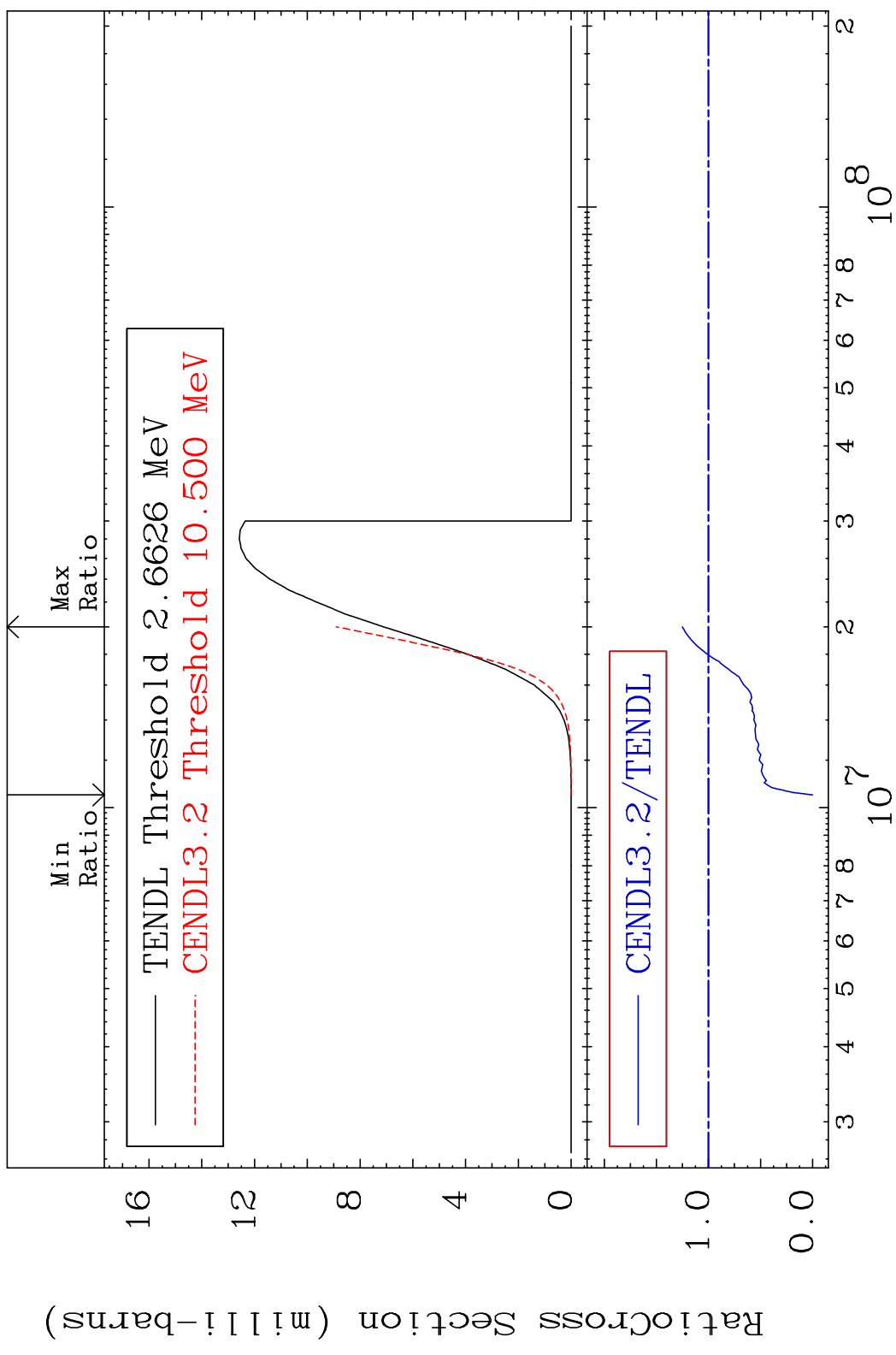


MAT 9452

(n,p)

94-Pu-244

Cross Section -100.0 To 25.10 %



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Incident Energy (eV)

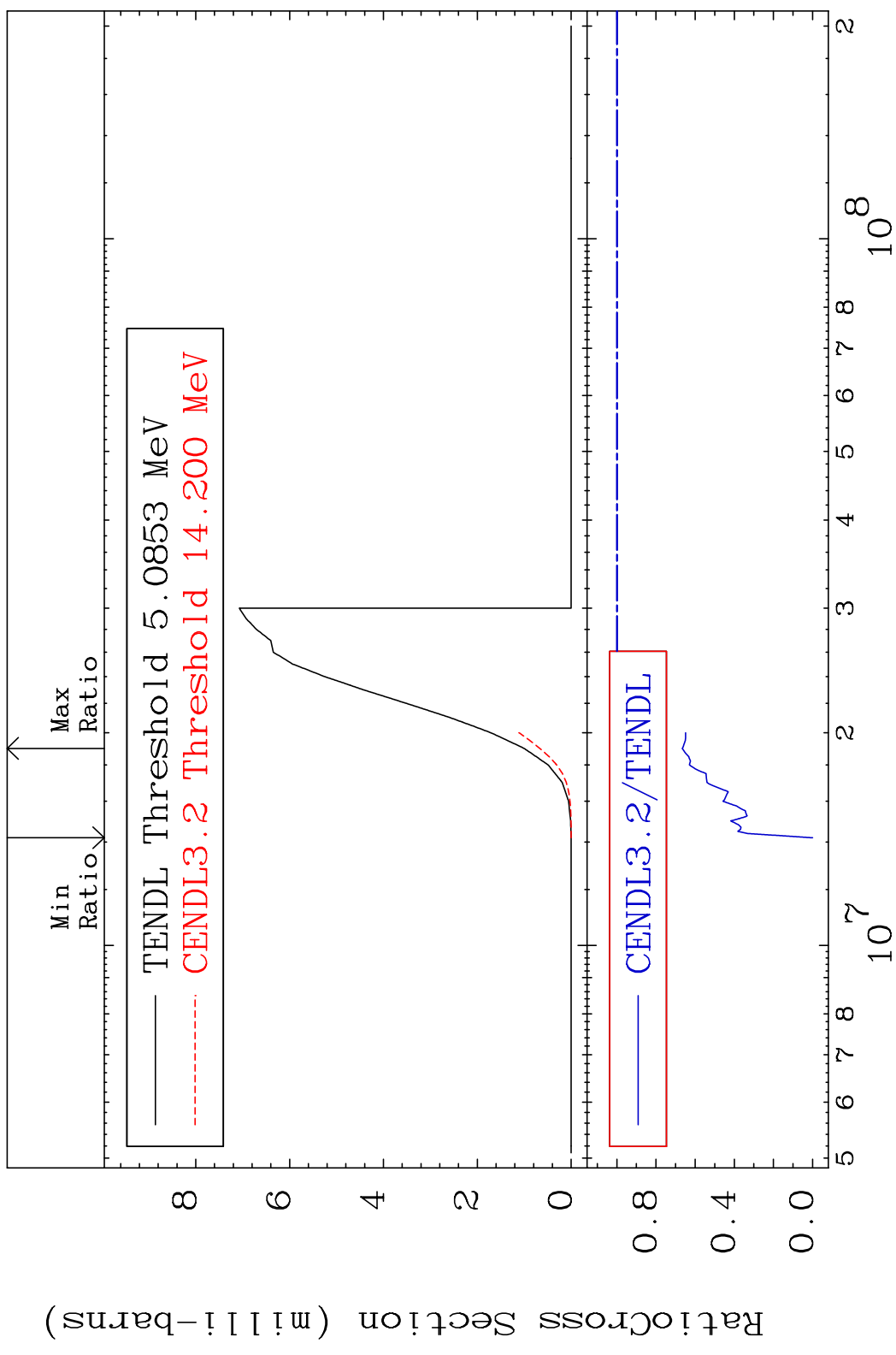
94-Pu-244

MAT 9452

(n, d)

94-Pu-244

Cross Section -100.0 To -33.47%

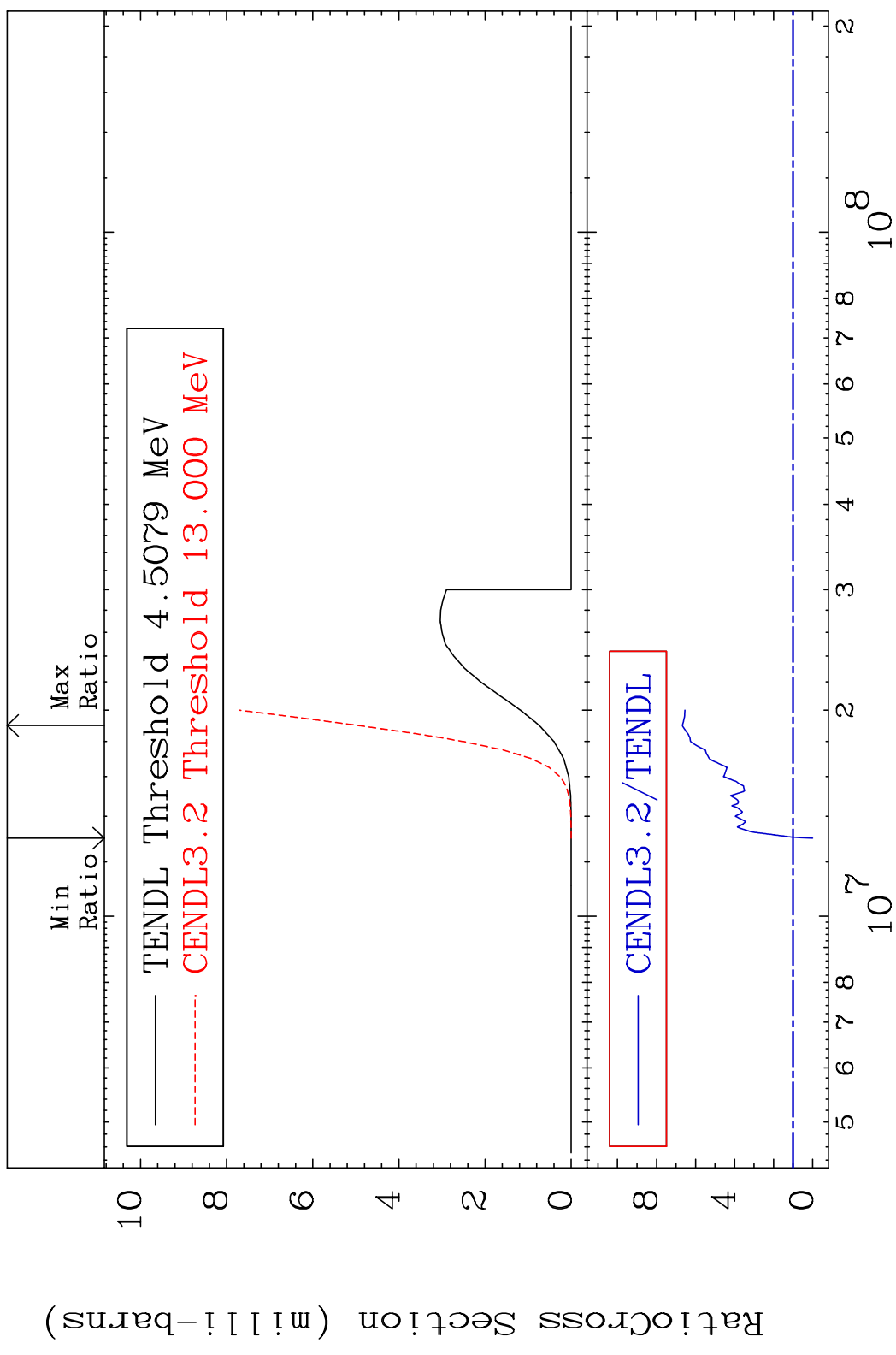


MAT 9452

(n, t)

94-Pu-244

Cross Section -100.0 To 567.5 %



20

Incident Energy (eV)

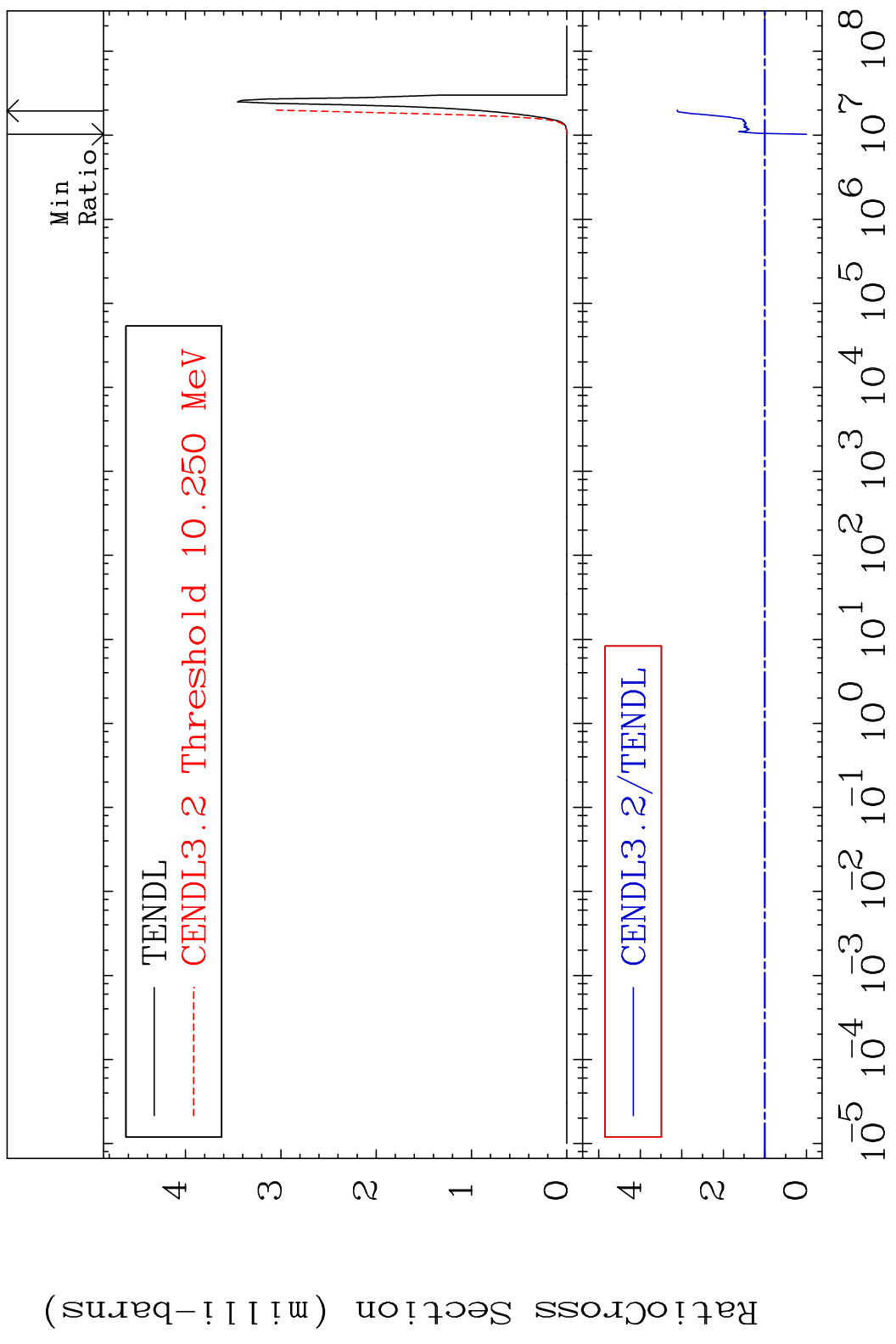
94-Pu-244

MAT 9452

(n,  $\alpha$ )

94-Pu-244

Cross Section -100.0 To 211.1 %



21

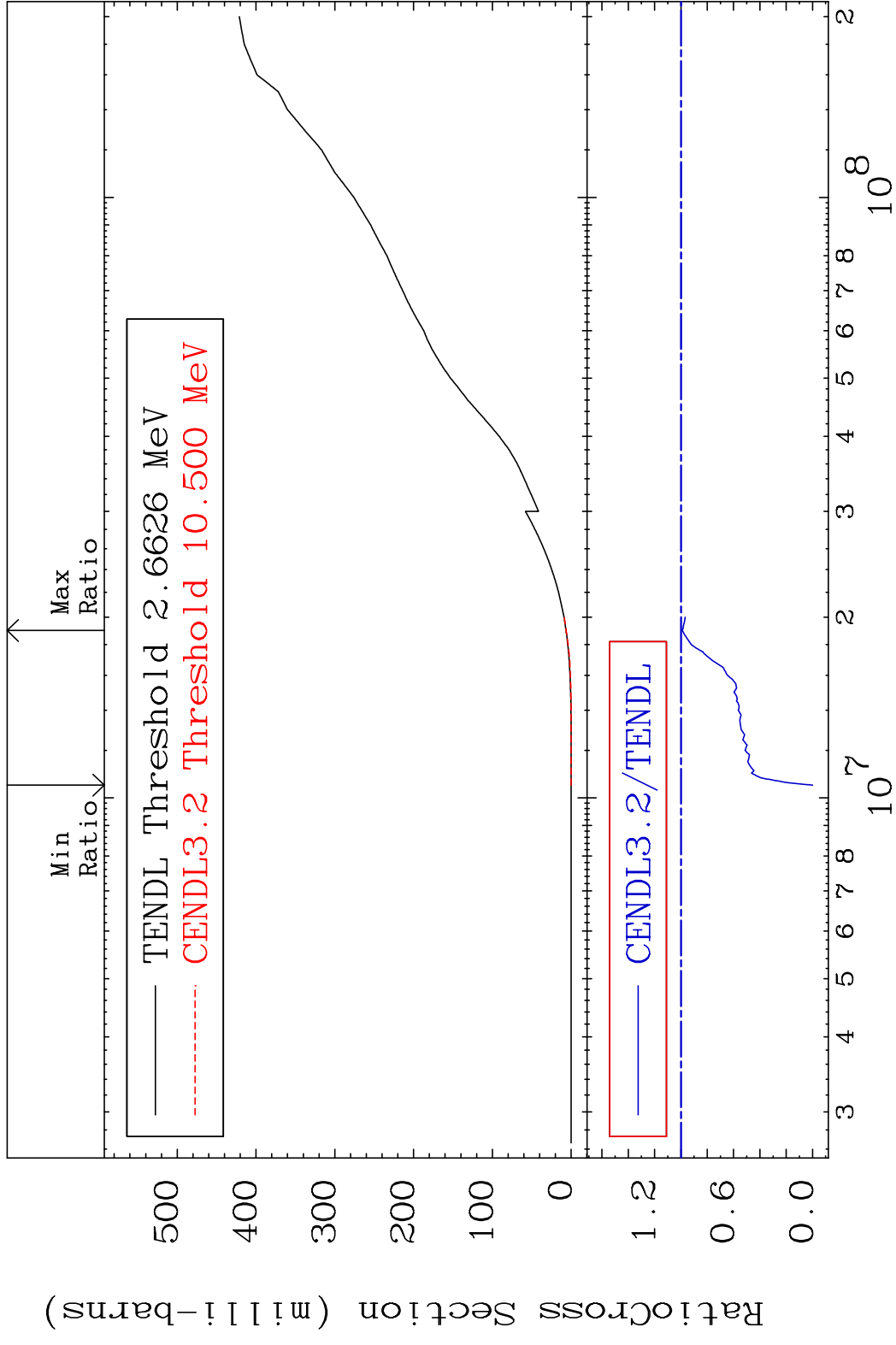
Incident Energy (eV)

94-Pu-244

MAT 9452

Hydrogen Production  
Cross Section -100.0 To -1.076%

94-Pu-244



22

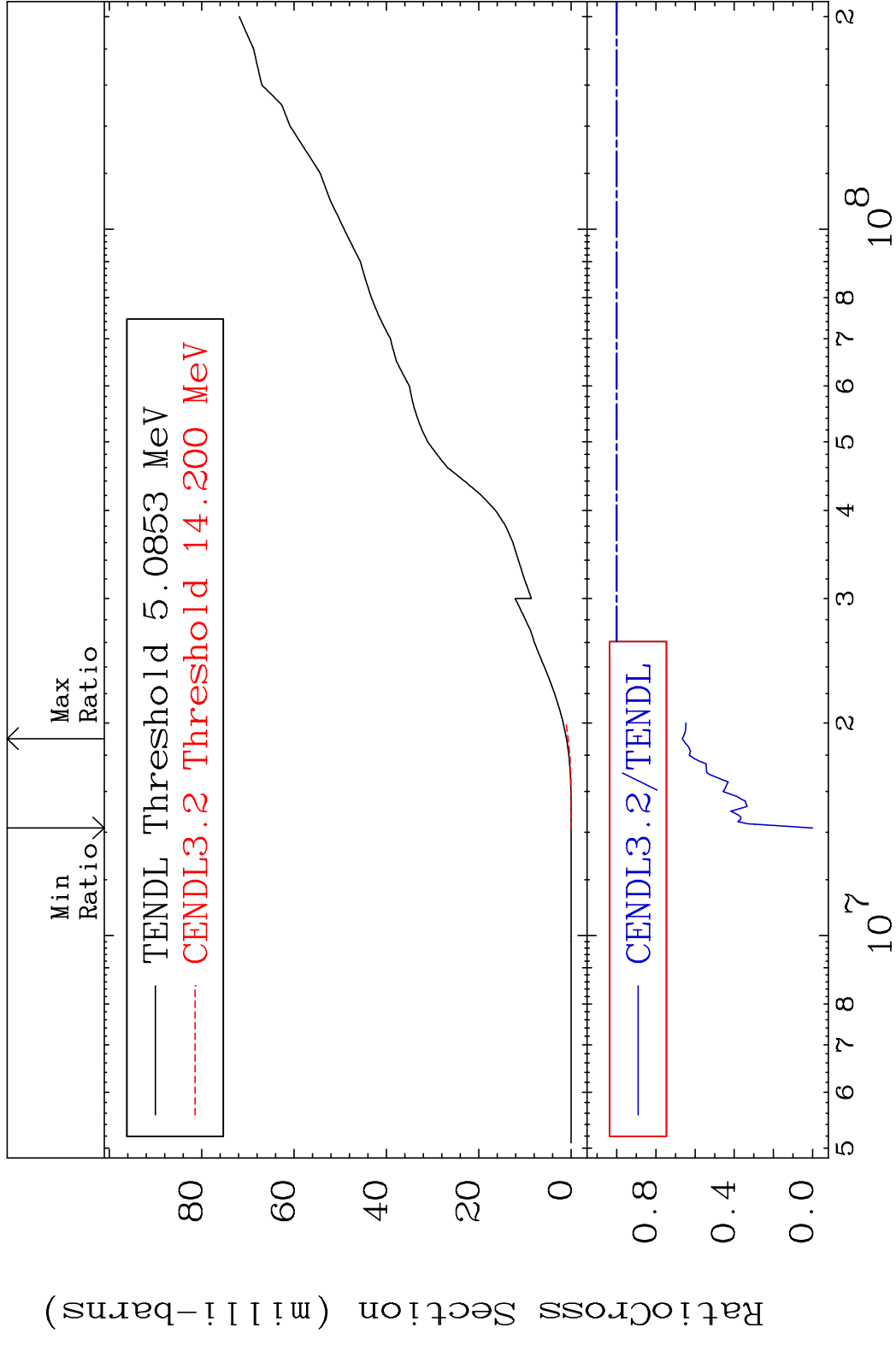
Incident Energy (eV)

94-Pu-244

MAT 9452

Deuterium Production 94-Pu-244

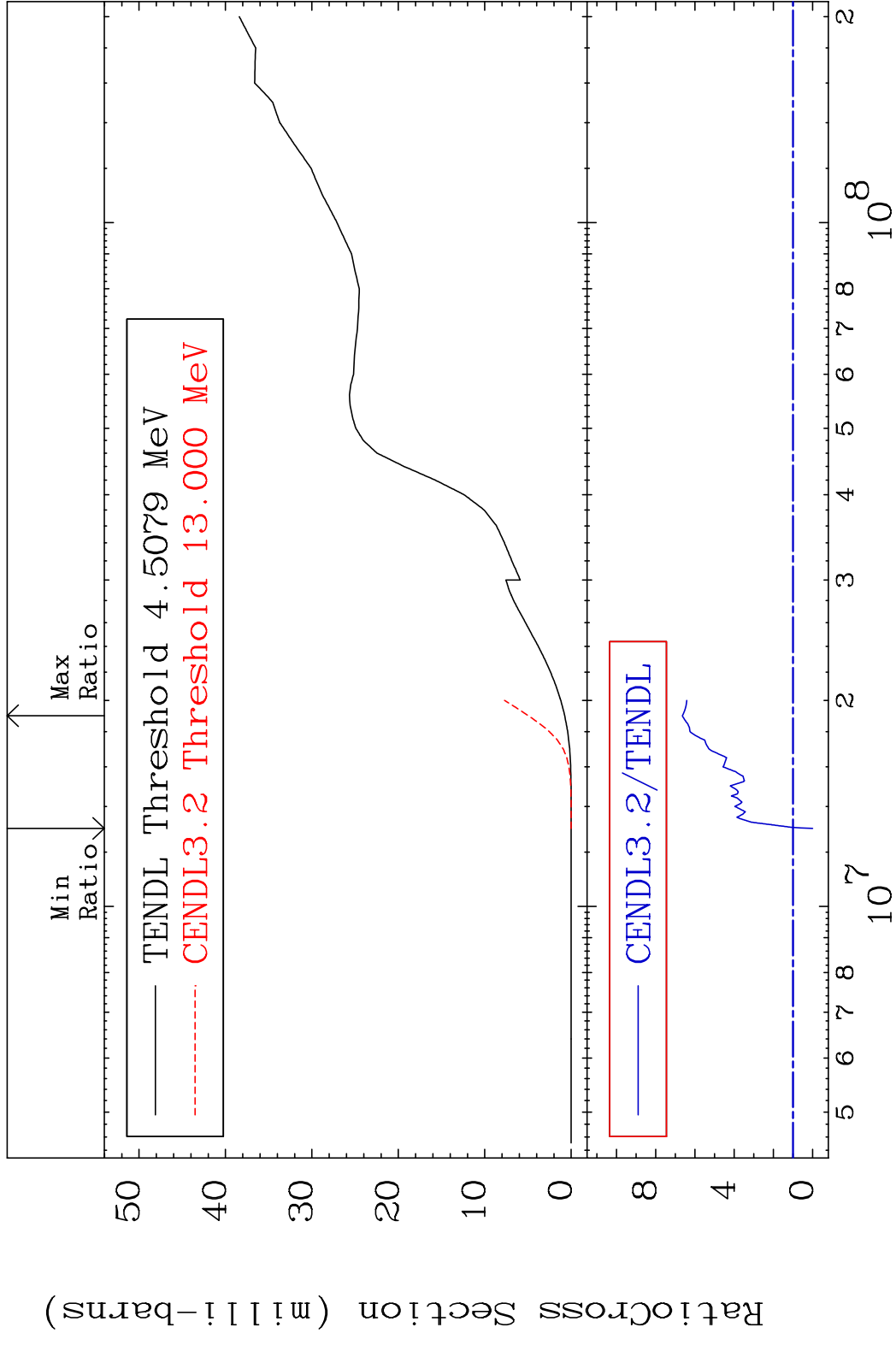
Cross Section -100.0 To -33.50%





MAT 9452

Tritium Production 94-Pu-244  
Cross Section -100.0 To 564.1 %



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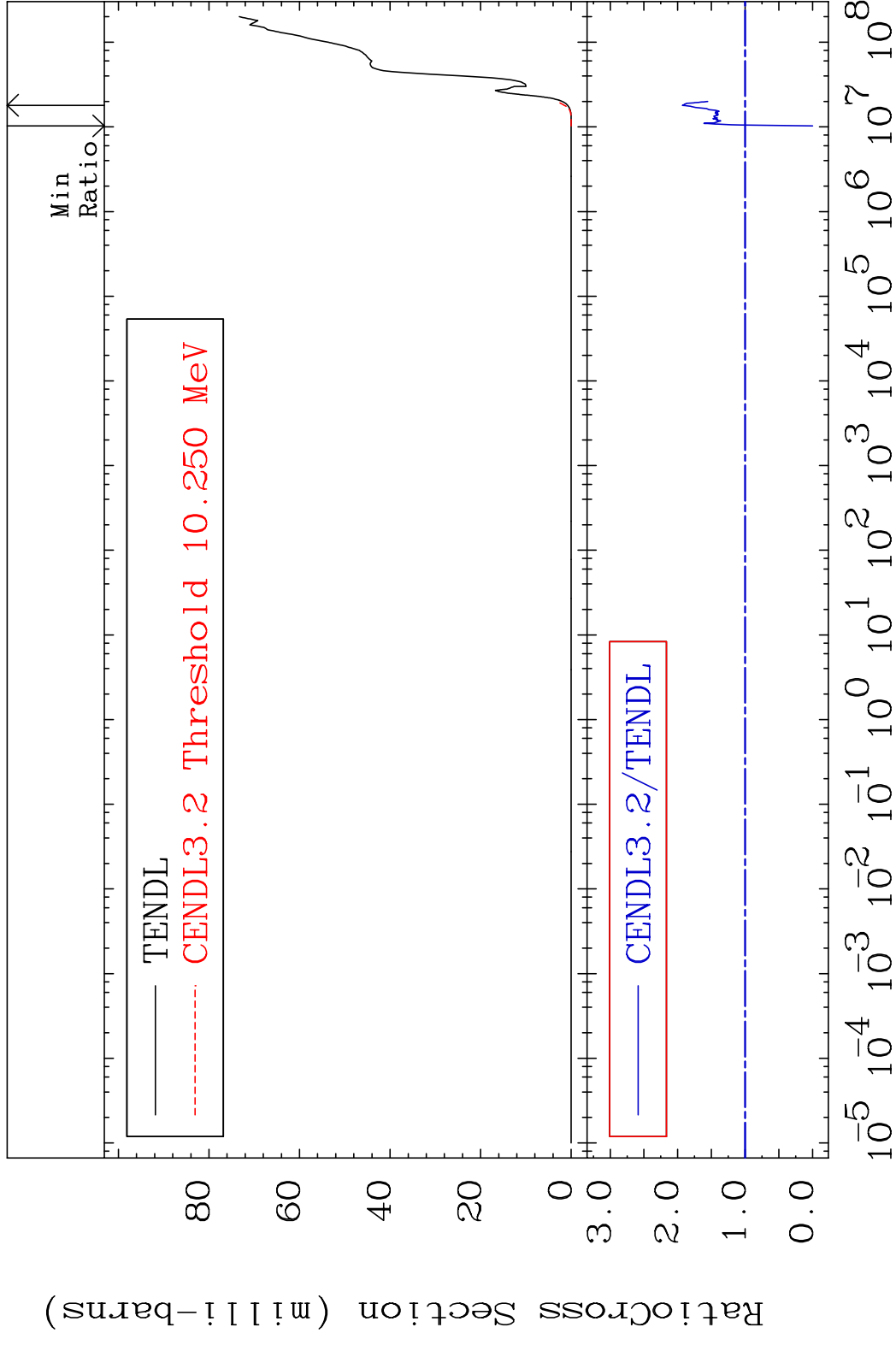
94-Pu-244

MAT 9452

He-4 Production

94-Pu-244

Cross Section -100.0 To 93.06 %

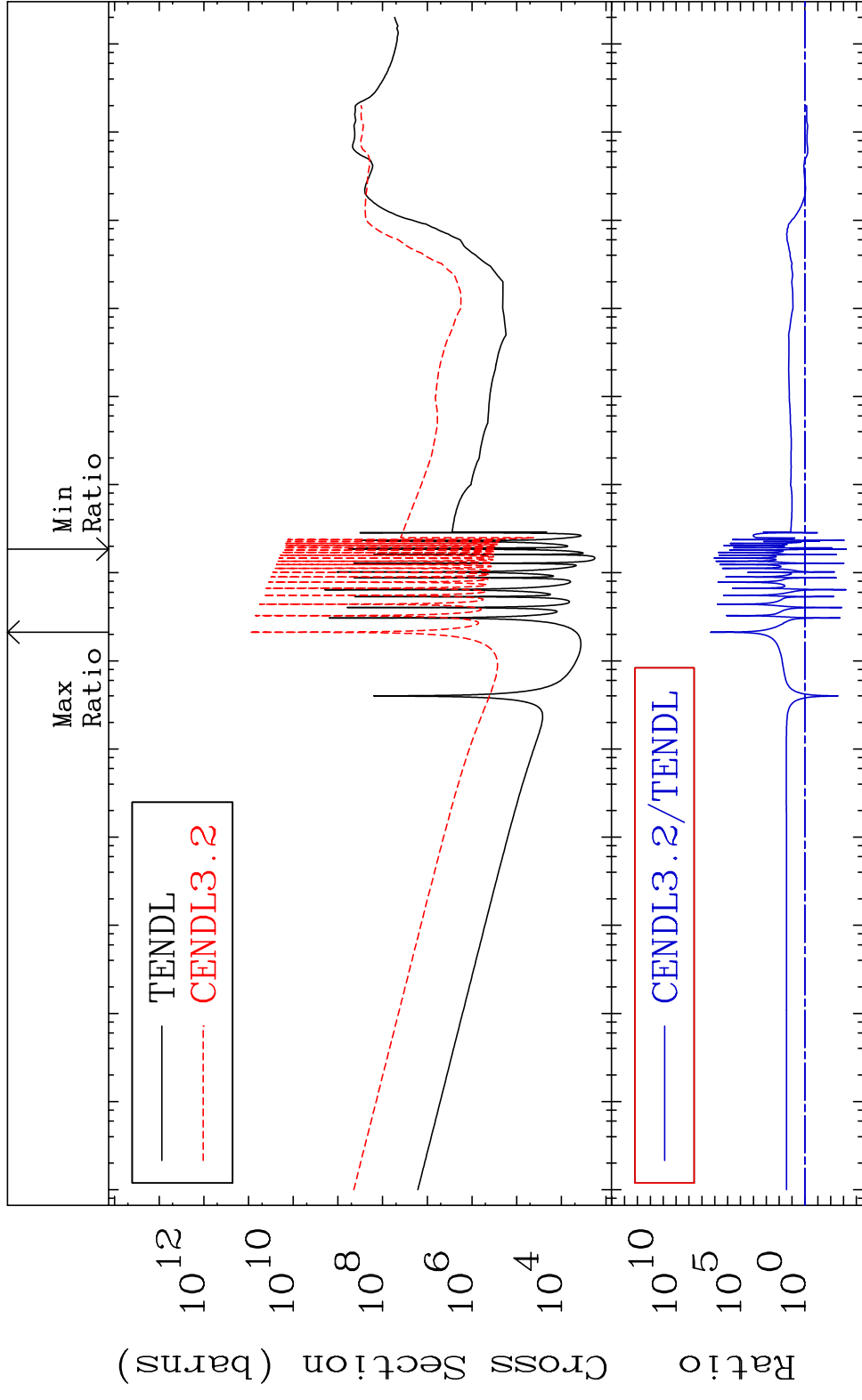


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Incident Energy (eV)

94-Pu-244

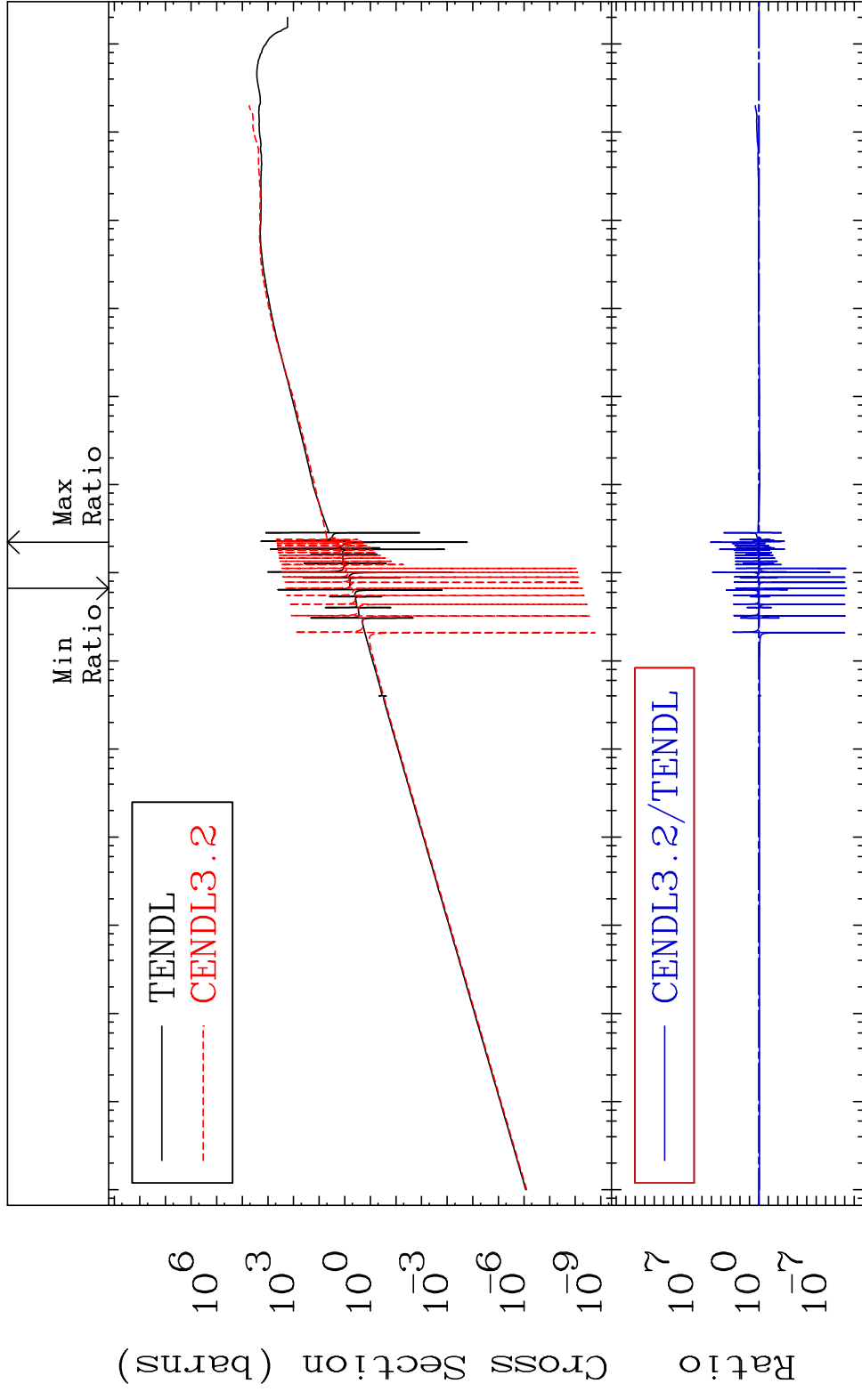
MAT 9452 Kerma total (eV-barns) 94-Pu-244  
 Cross Section -99.94 To 9999. %



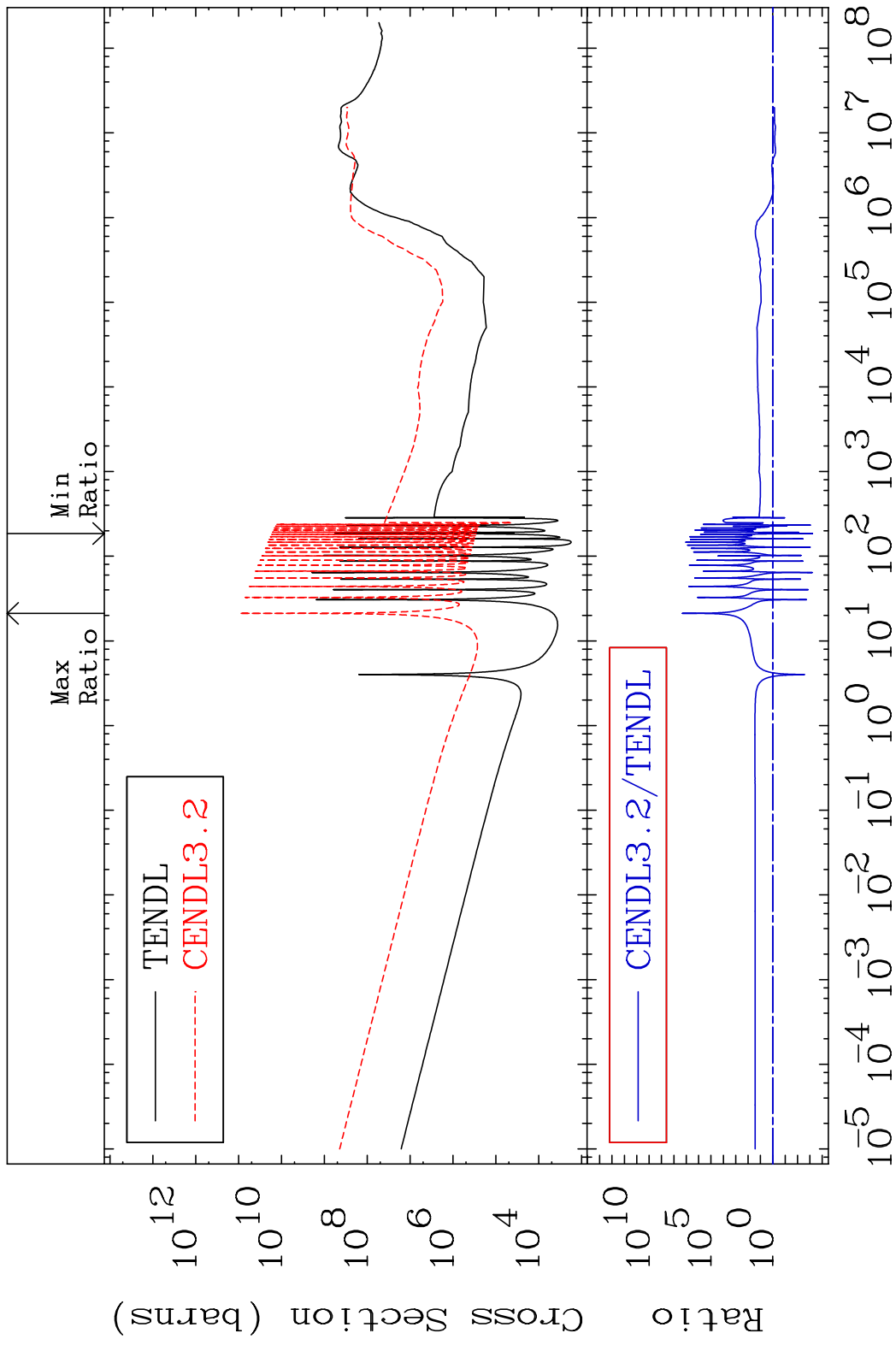
MAT 9452

Kerma elastic  
Cross Section -100.0 To 9999. %

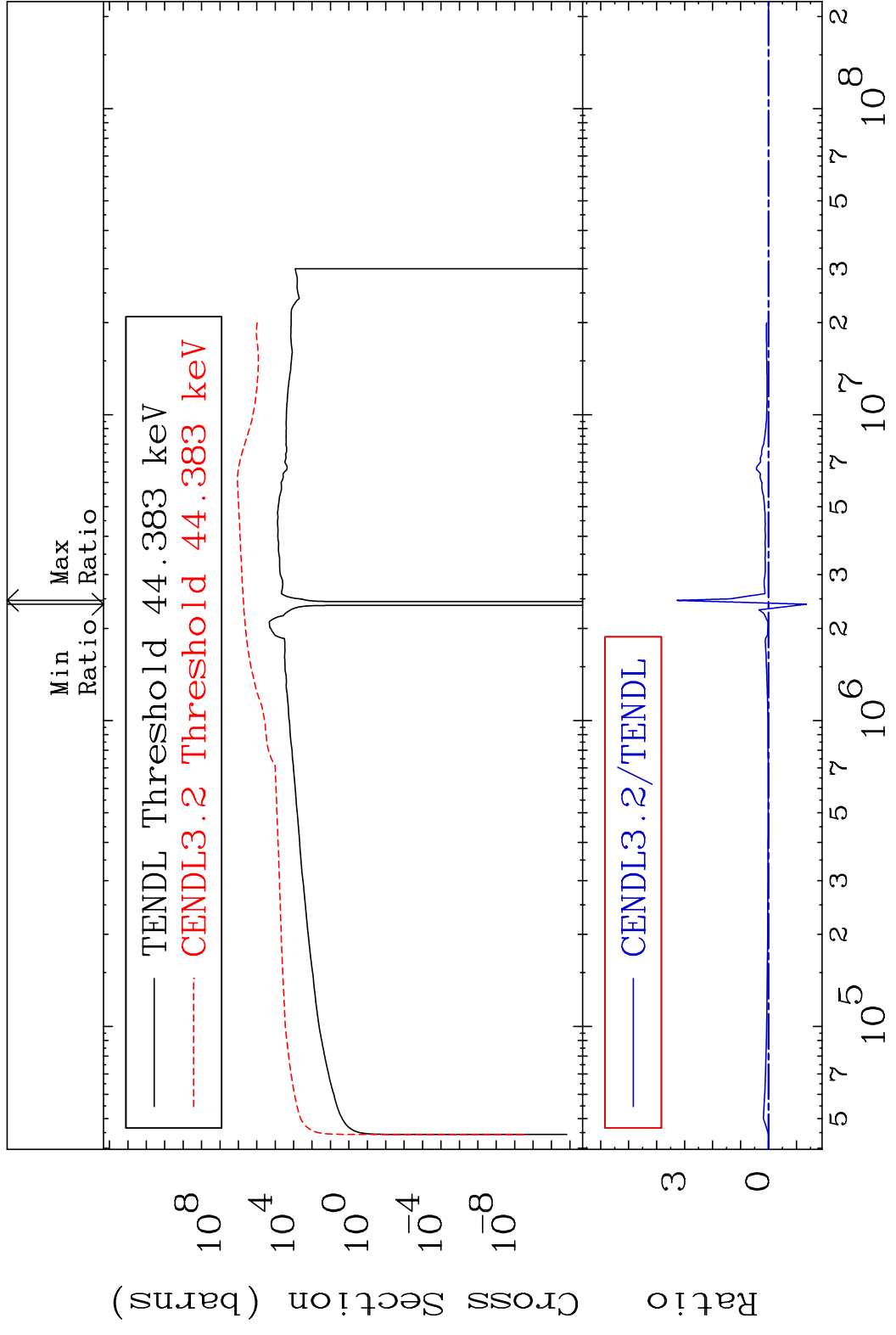
94-Pu-244



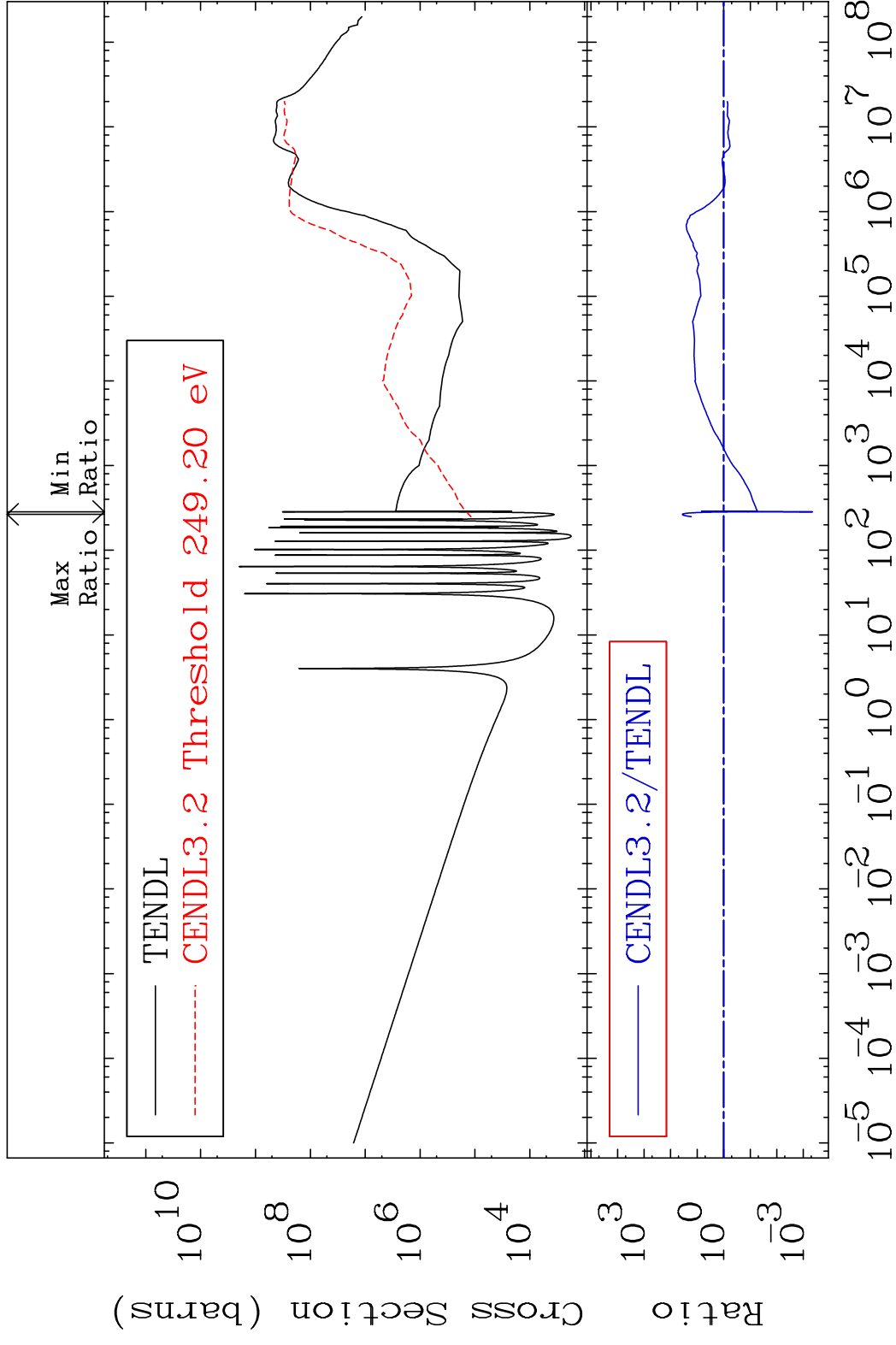
MAT 9452 Kerma non-elastic (all but mt2) 94-Pu-244  
 Cross Section -99.94 To 9999. %

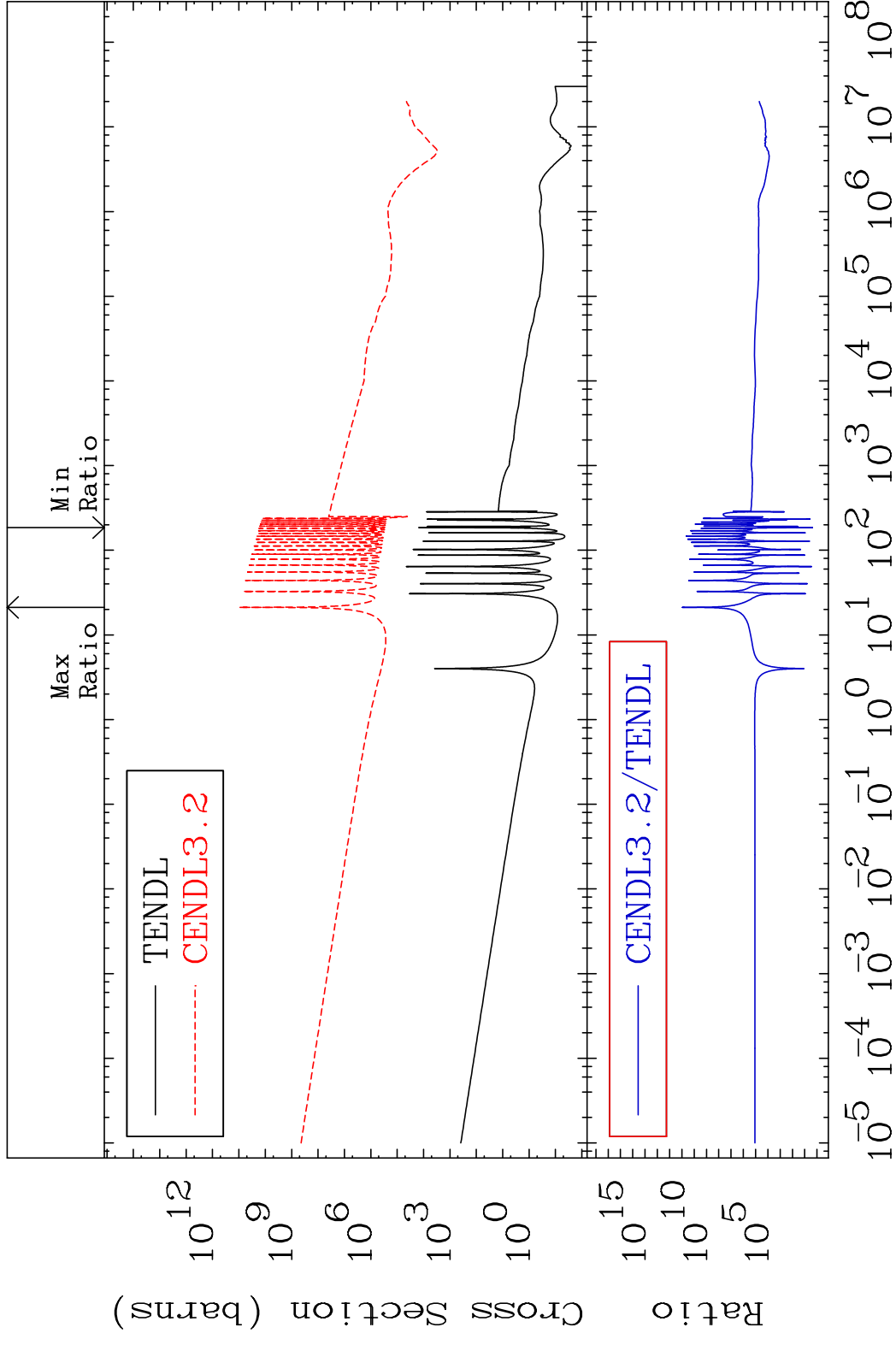


MAT 9452 Kerma inelastic (mt51-91) 94-Pu-244  
 Cross Section -9999. To 9999. %



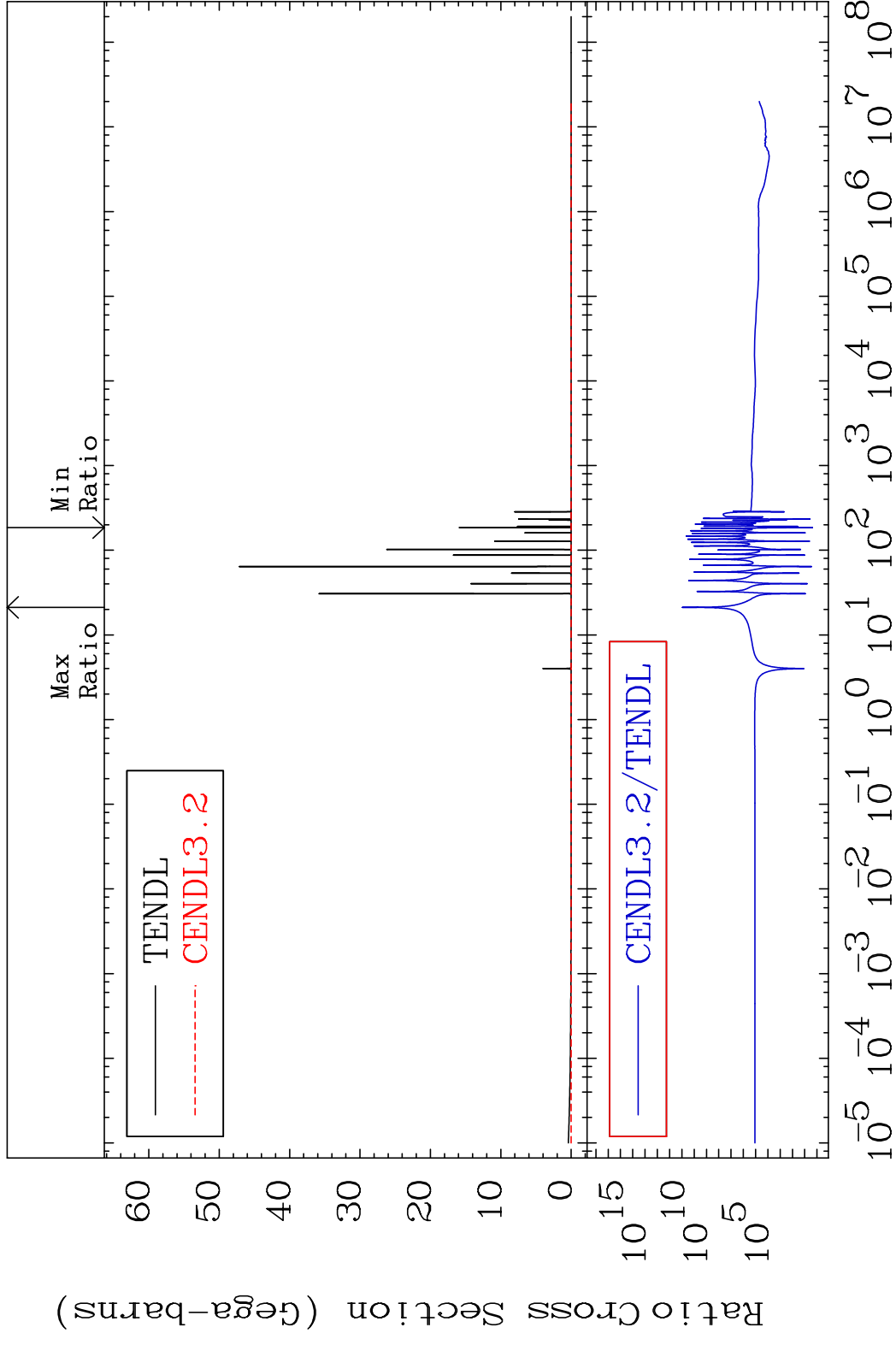
MAT 9452 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-244  
 Cross Section -99.95 To 3514. %



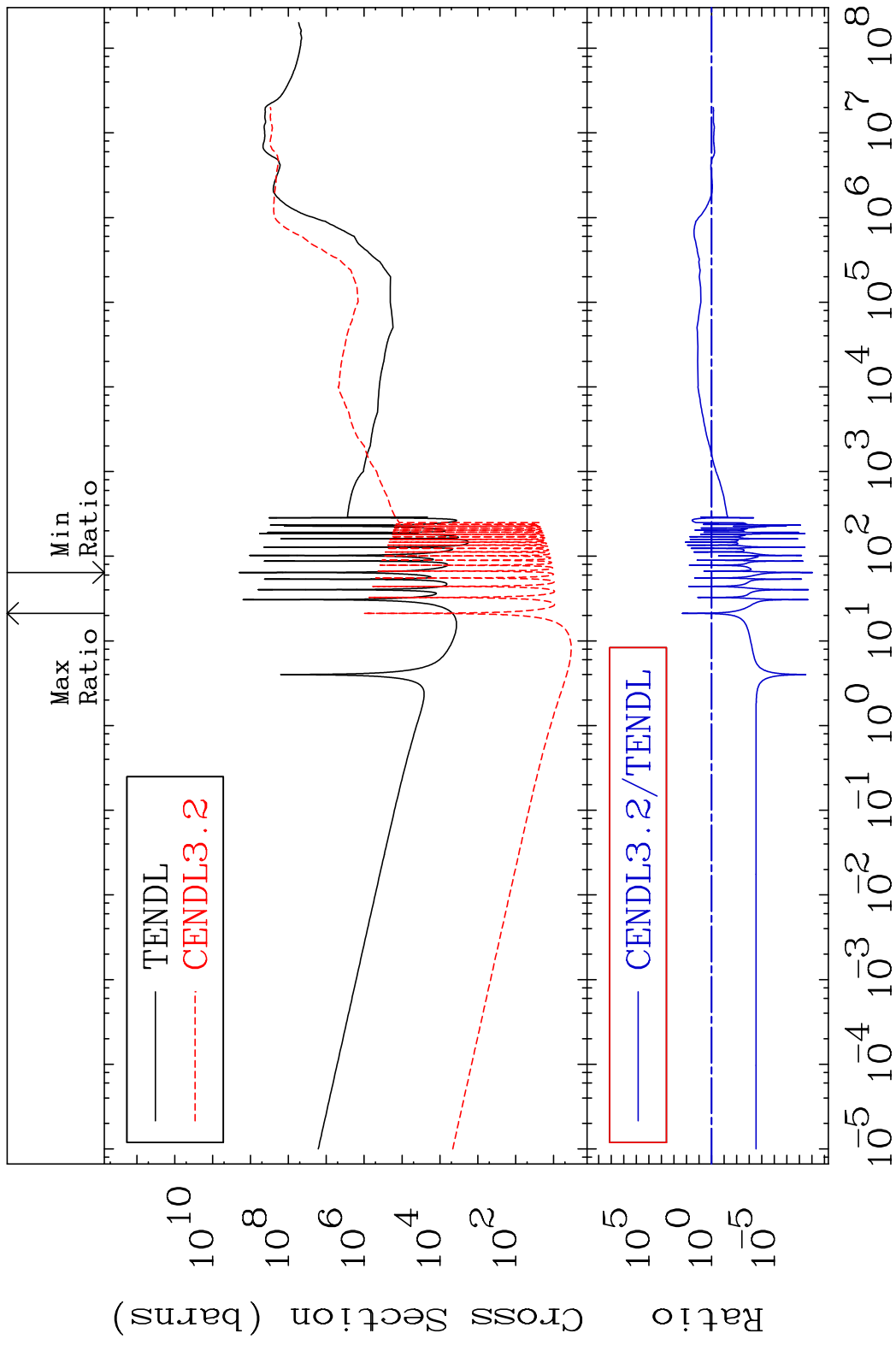




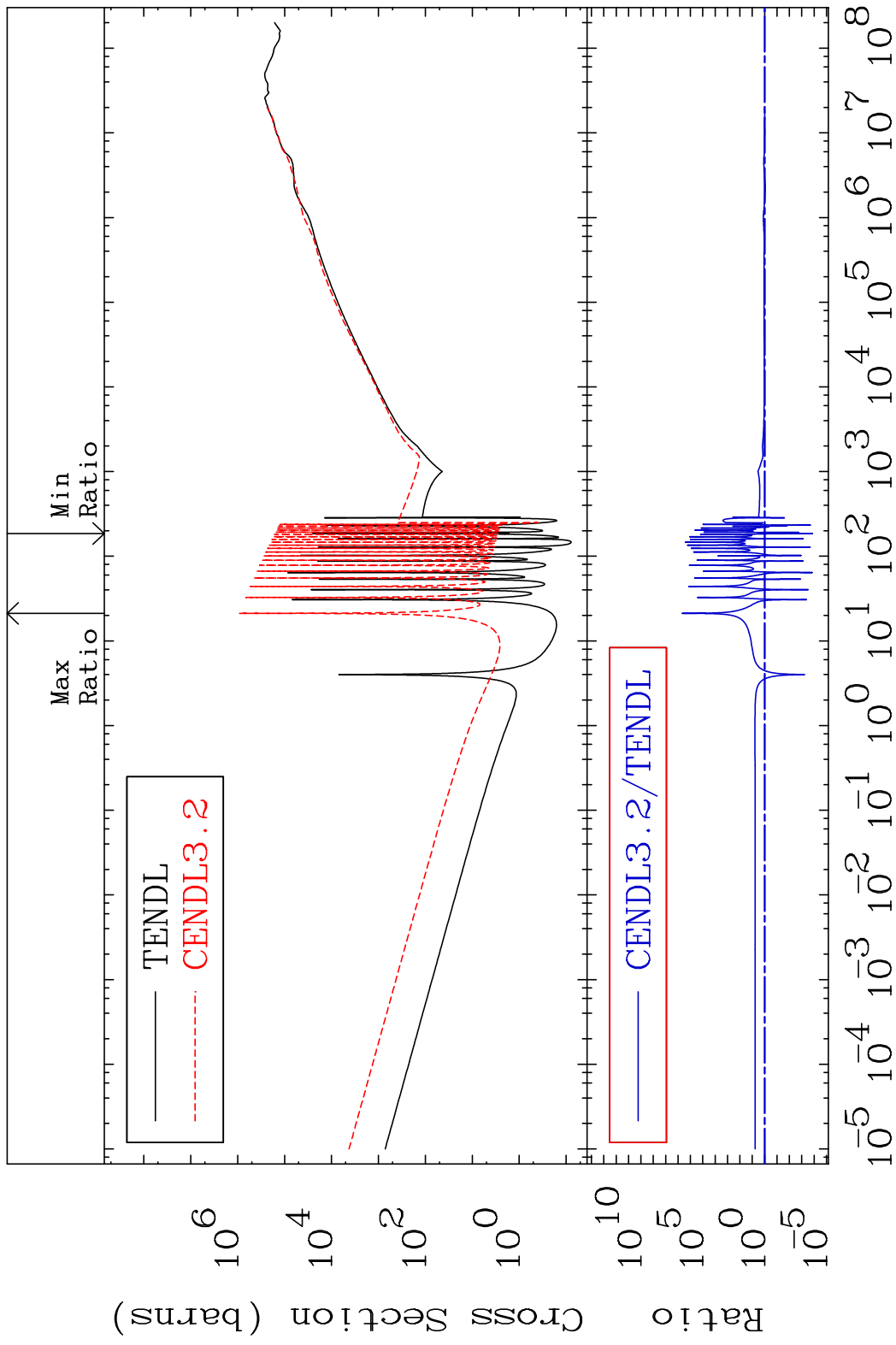
MAT 9452 Total photon (eV-barns) 94-Pu-244  
 Cross Section 2207. To 9999. %



MAT 9452 Total kinematic kerma (high limit) 94-Pu-244  
 Cross Section -100.0 To 9999. %



MAT 9452      Dpa total (eV-barns)      94-Pu-244  
 Cross Section      -99.99 To 9999.      %

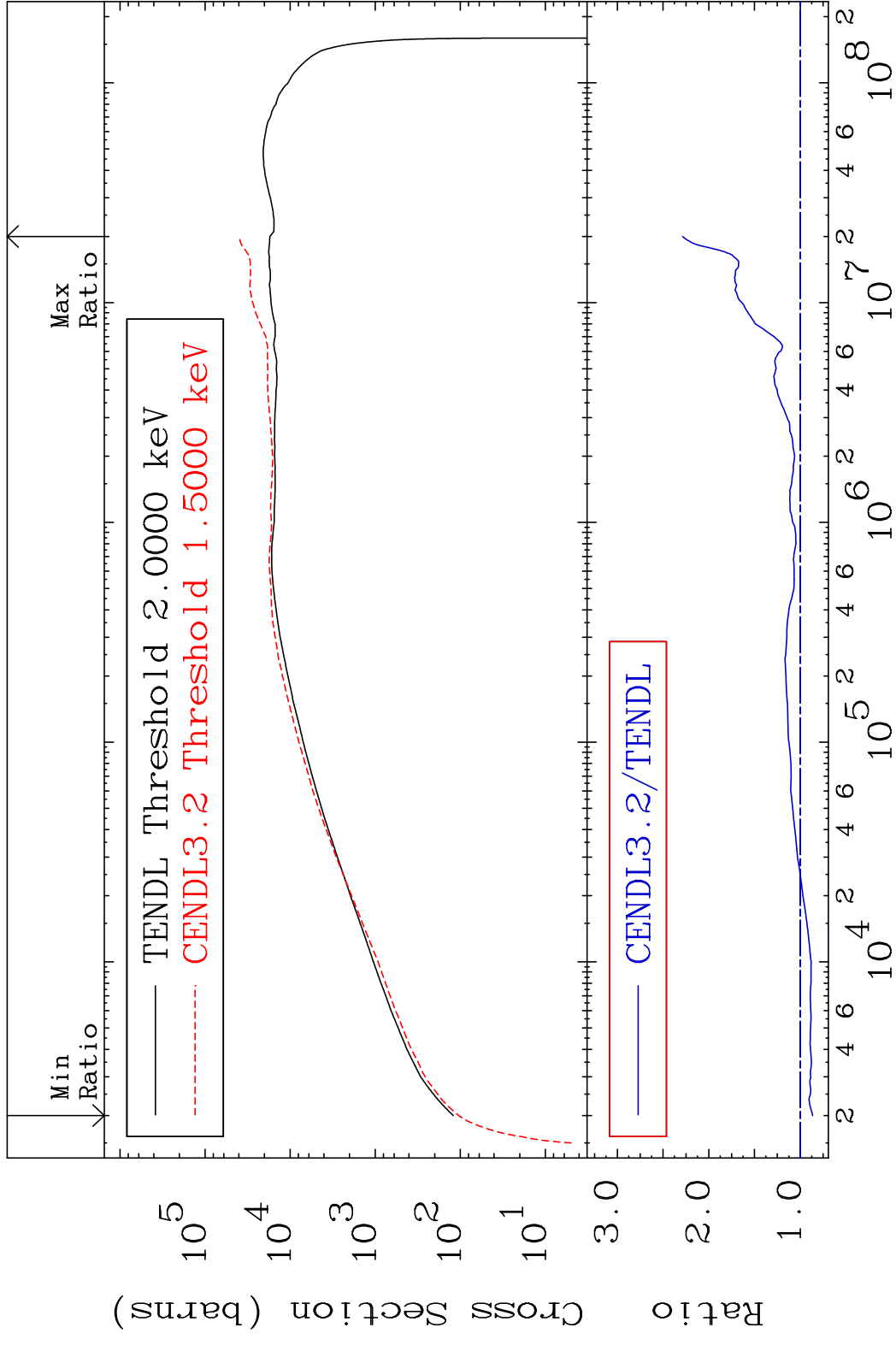


MAT 9452

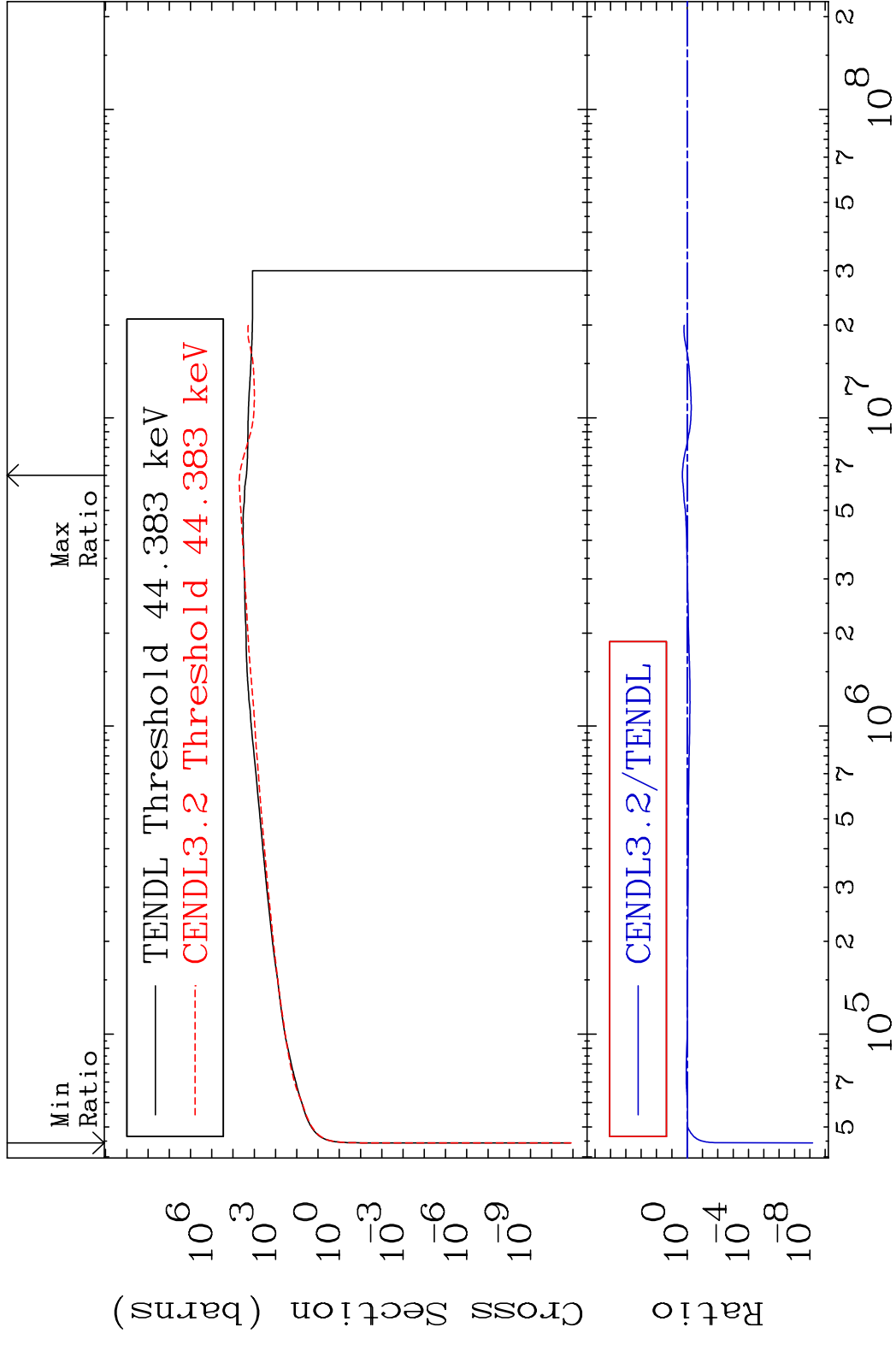
Dpa elastic (mt2)

94-Pu-244

Cross Section -13.51 To 128.9 %



MAT 9452      Dpa inelastic (mt51-91)      94-Pu-244  
 Cross Section      -100.0 To 105.5 %



MAT 9452 Dpa disappearance (mt102 -120) 94-Pu-244  
 Cross Section -99.83 To 9999. %

