

Program Complot  
(Version 2021-1)

by

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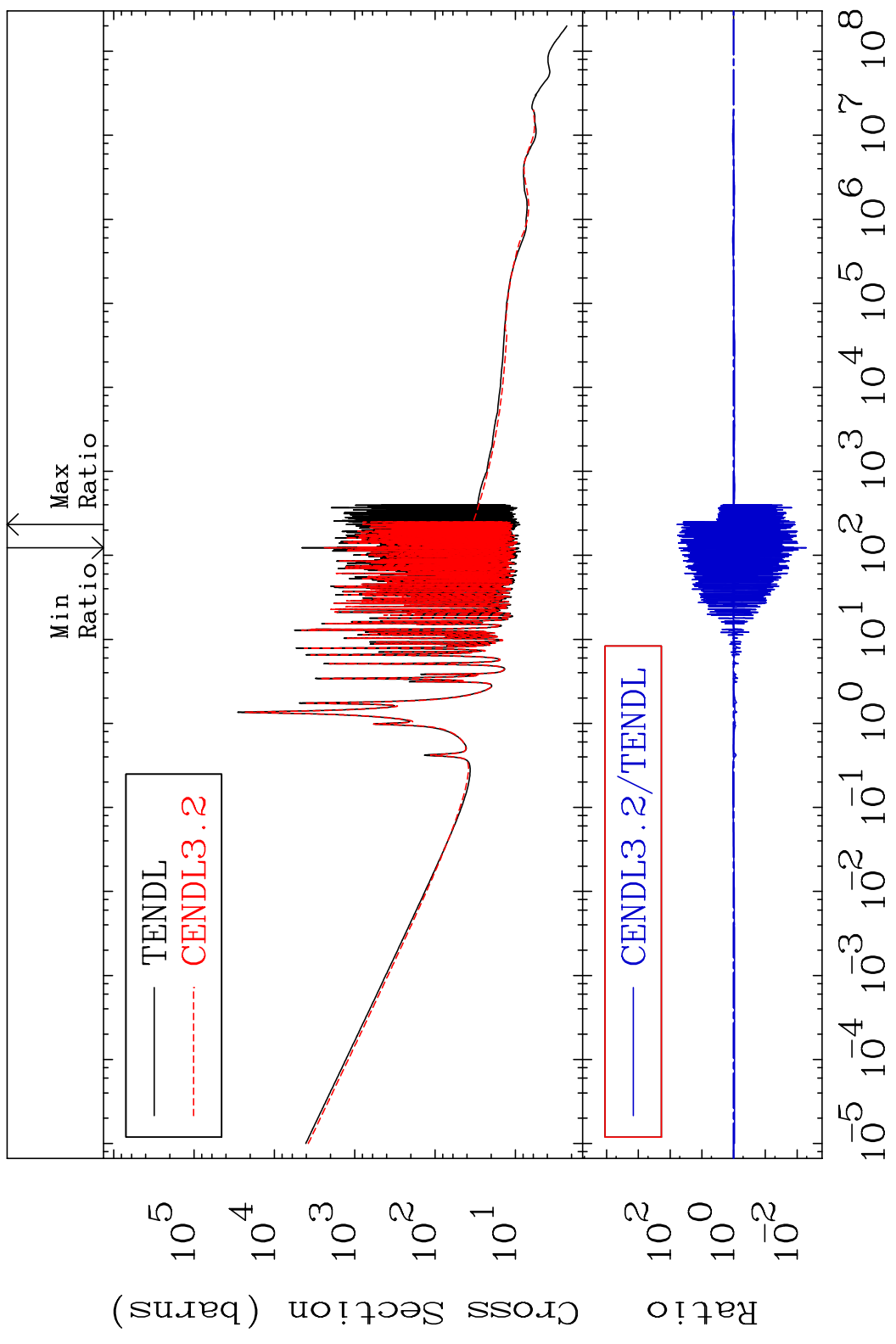
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 9549

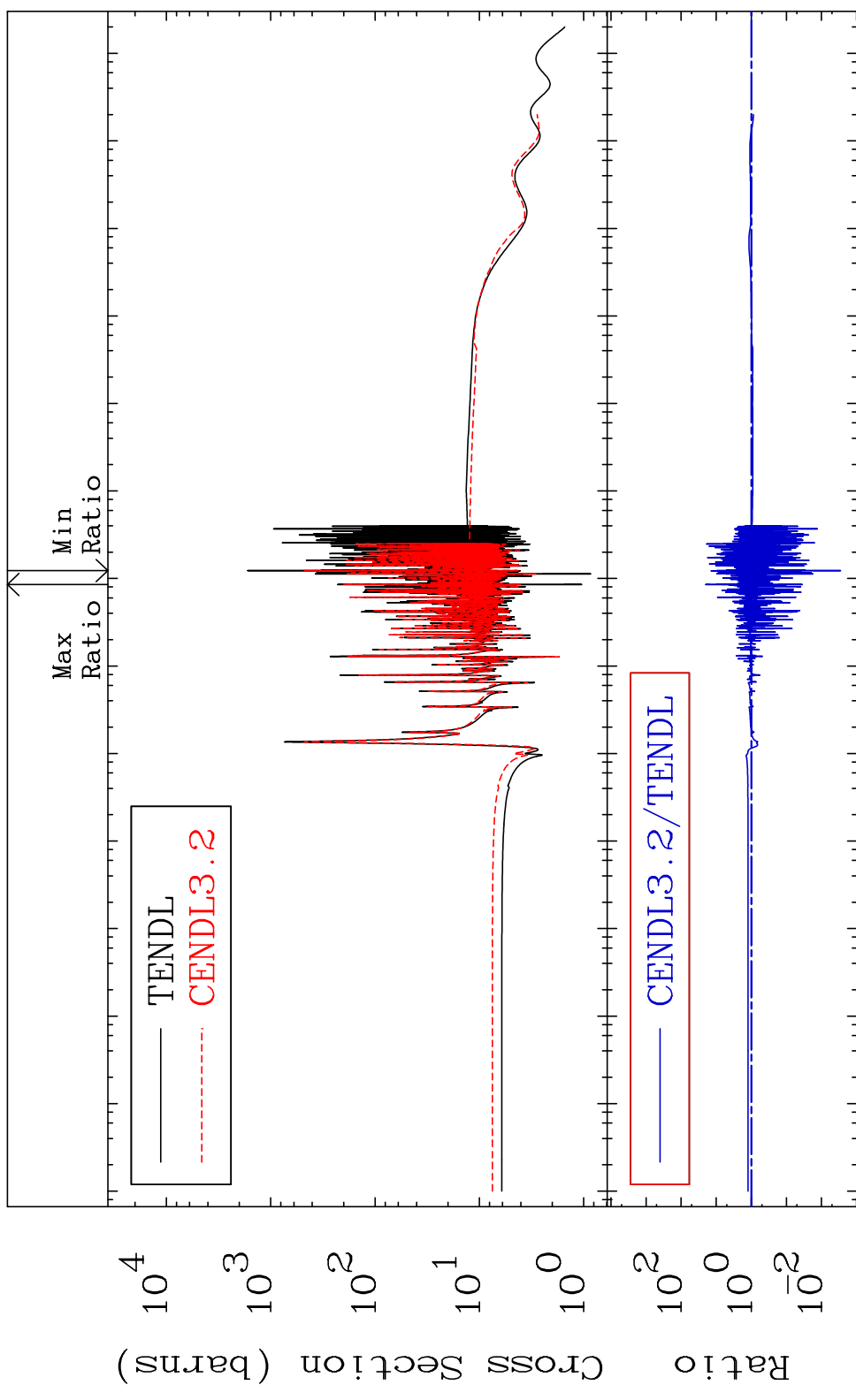
Total Cross Section -99.49 To 5883. %  
95-Am-243



1 Incident Energy (eV) 95-Am-243

MAT 9549

Elastic Cross Section -99.71 To 1883. %  
95-Am-243

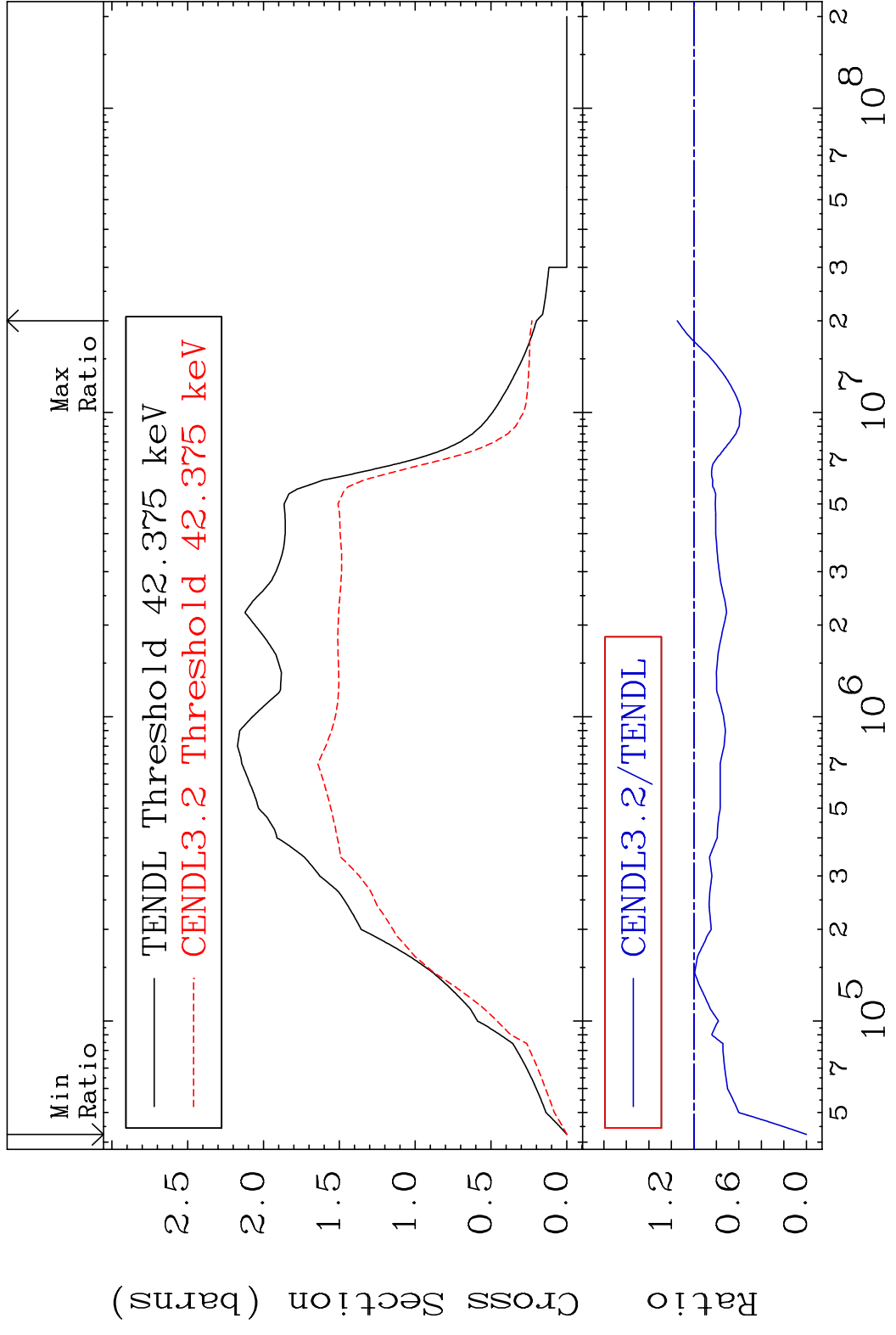


2

Incident Energy (eV)

95-Am-243

MAT 9549 Inelastic 95-Am-243  
 Cross Section -100.0 To 14.84 %

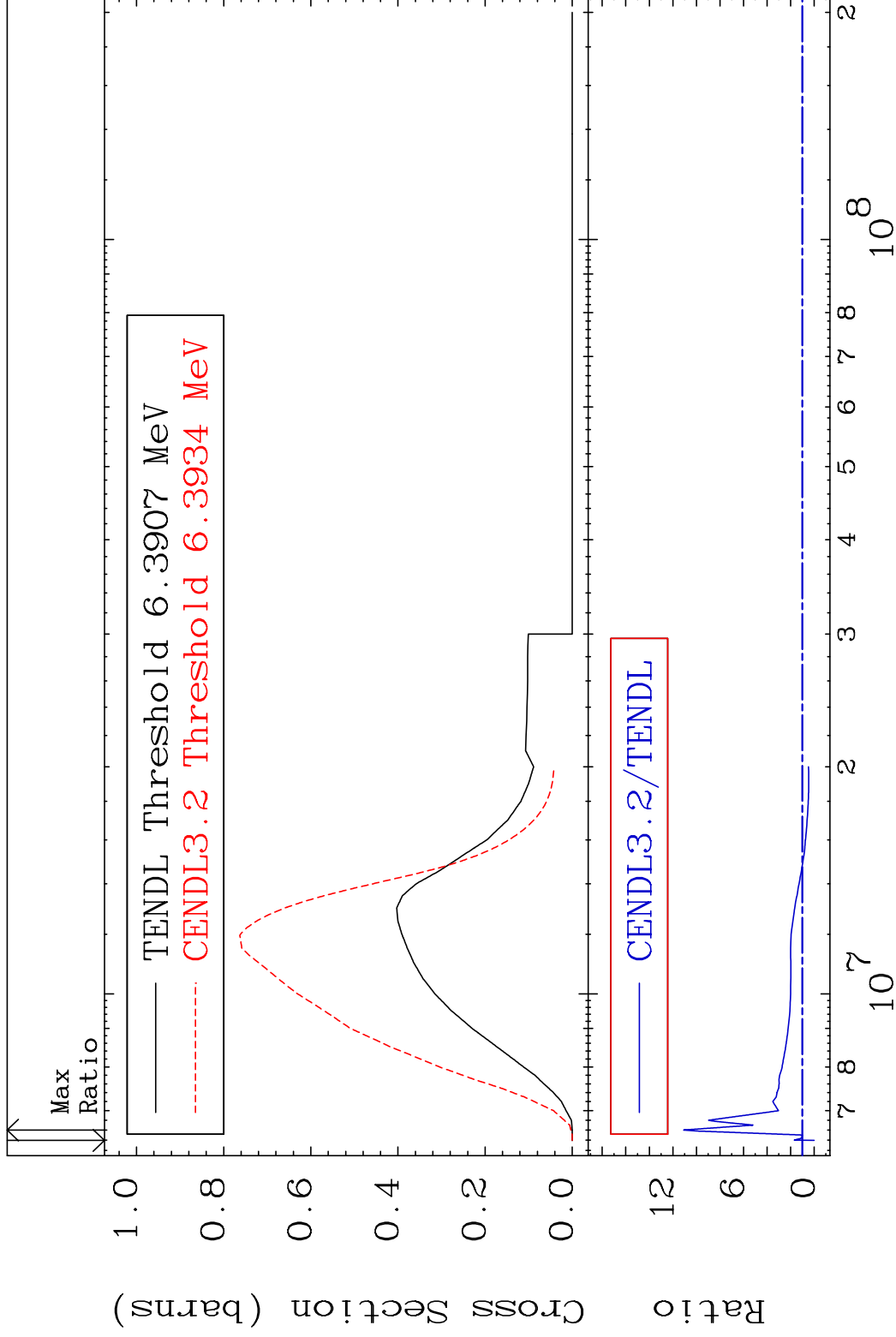


MAT 9549

(n,2n)

95-Am-243

Cross Section -100.0 To 1008. %



4

Incident Energy (eV)

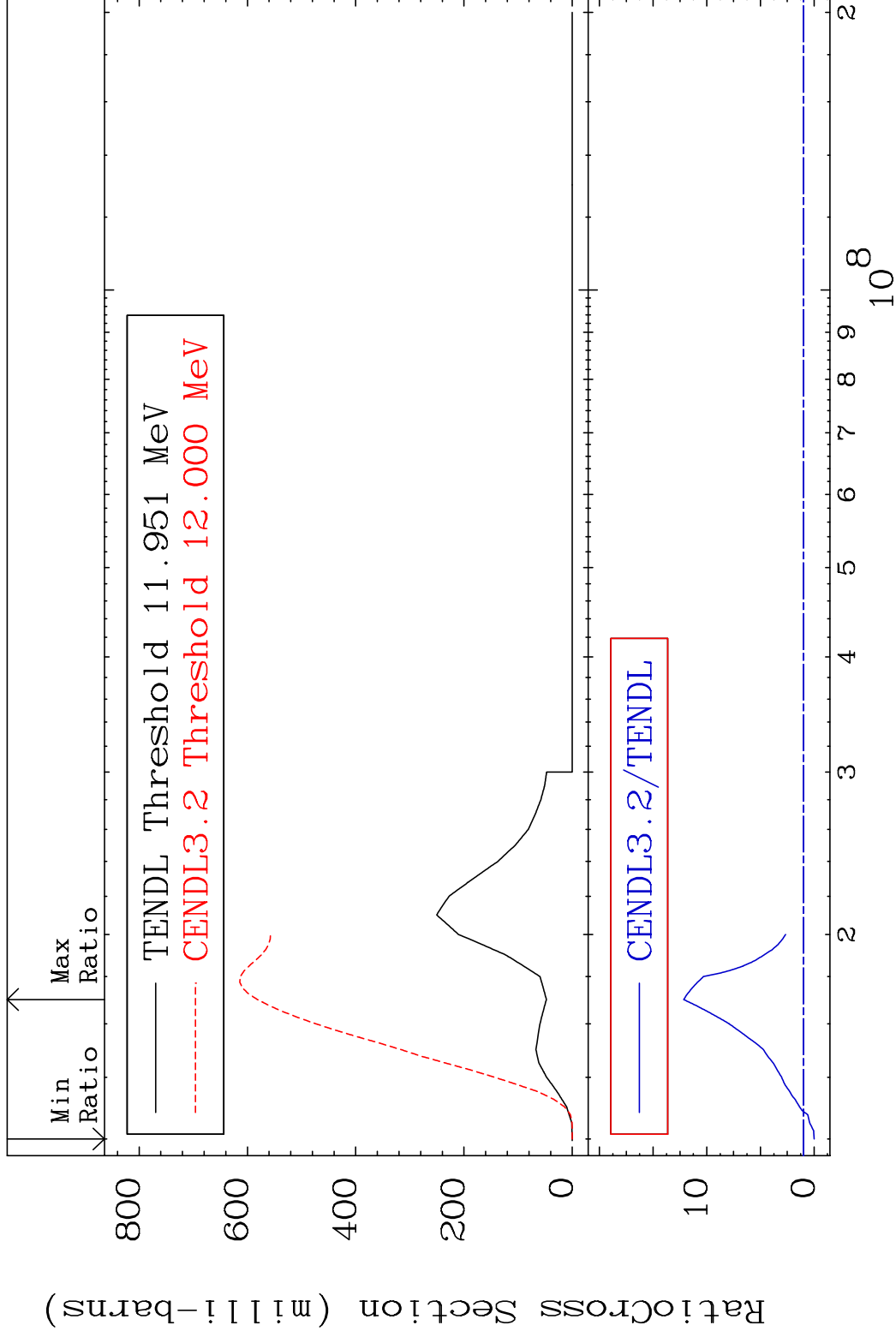
95-Am-243

MAT 9549

(n,3n)

95-Am-243

Cross Section -100.0 To 1115. %



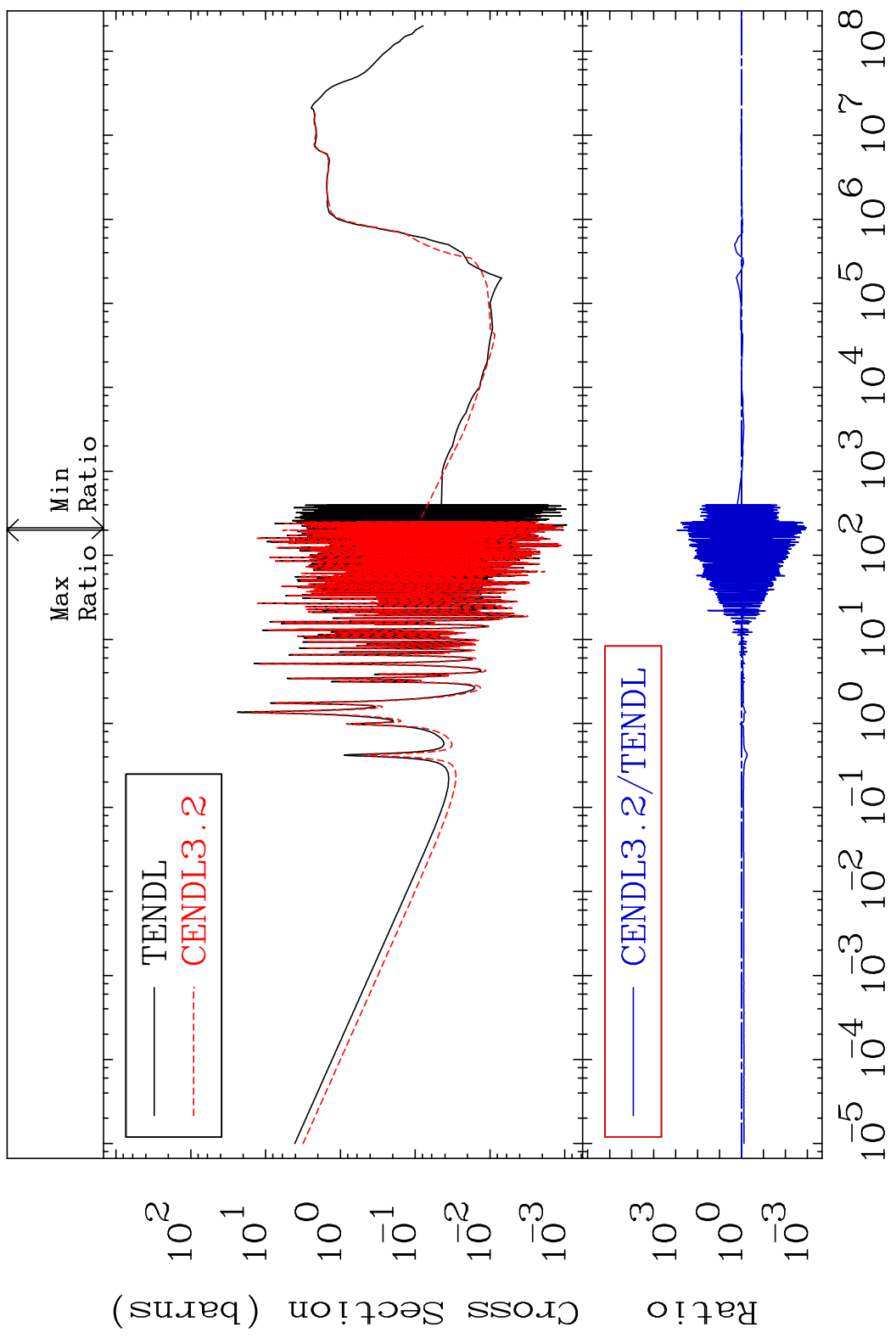
5

Incident Energy (eV)

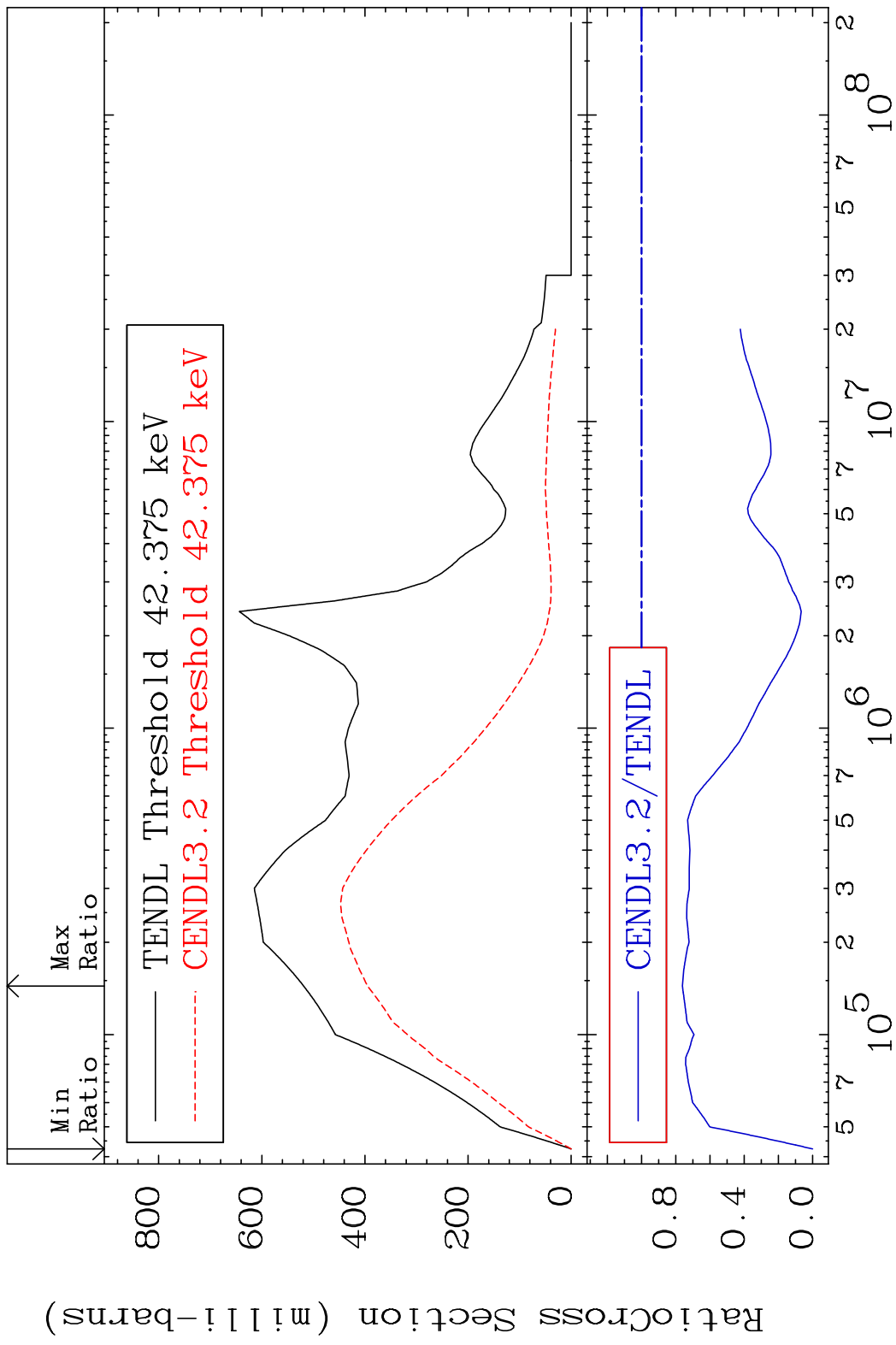
95-Am-243

MAT 9549

Fission  
Cross Section -99.89 To 9999. %  
95-Am-243



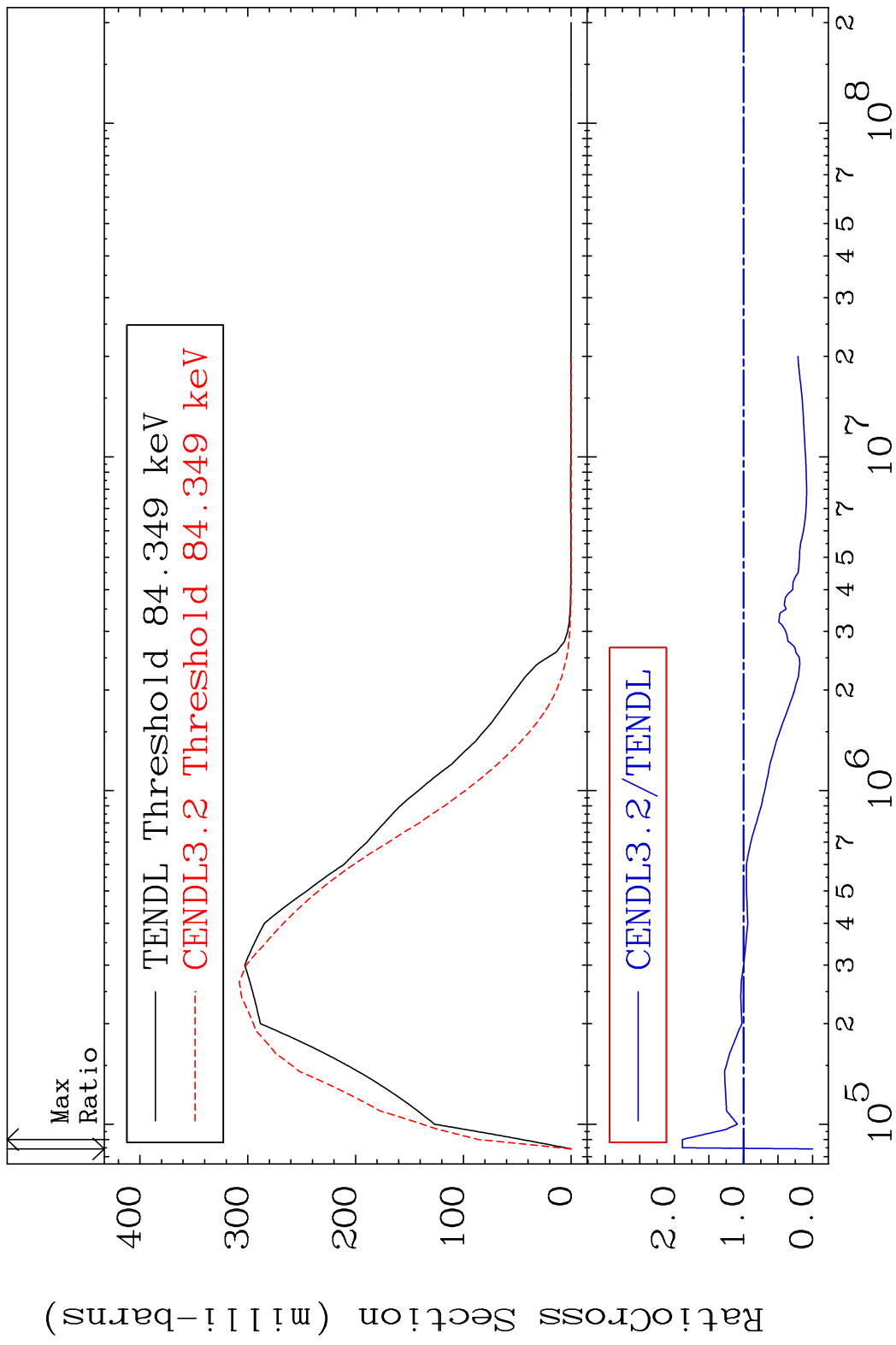
MAT 9549 MT= 51 (n,n') Level 95-Am-243  
 Cross Section -100.0 To -23.84%



7 95-Am-243

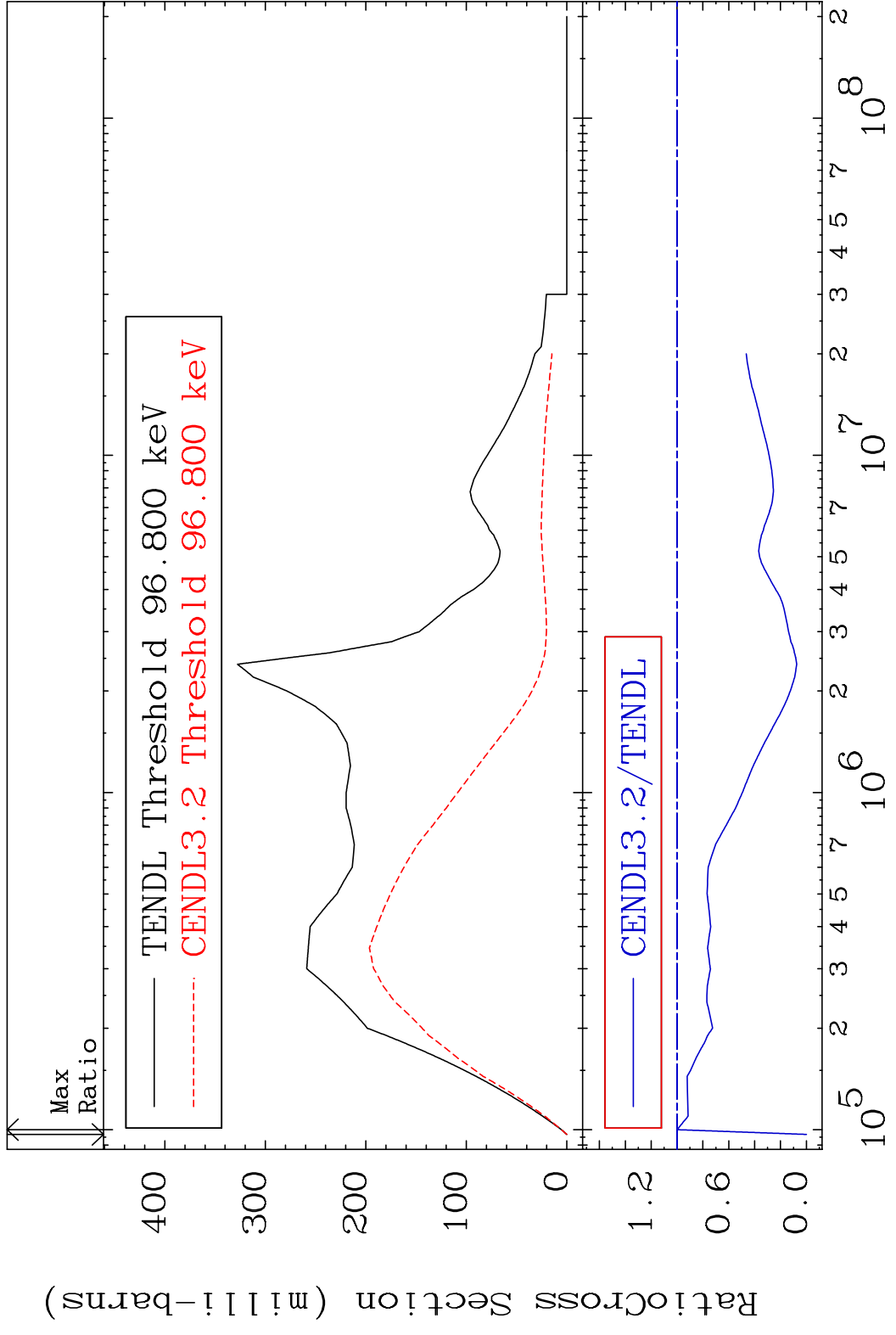


MAT 9549 MT= 52 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 88.42 %



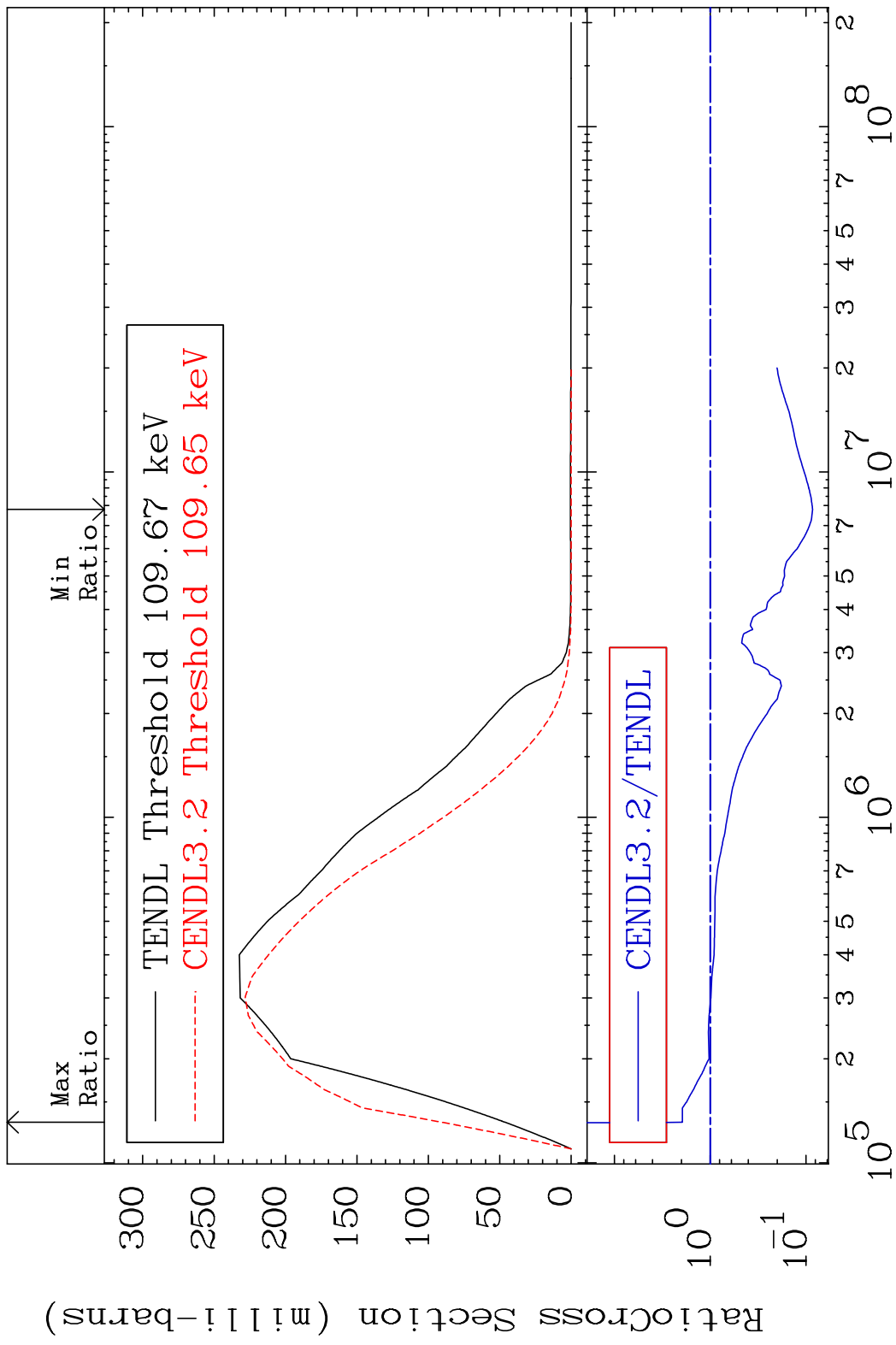
8 8 95-Am-243

MAT 9549 MT= 53 (n, n') Level 95-Am-243  
 Cross Section -100.0 To -0.119%



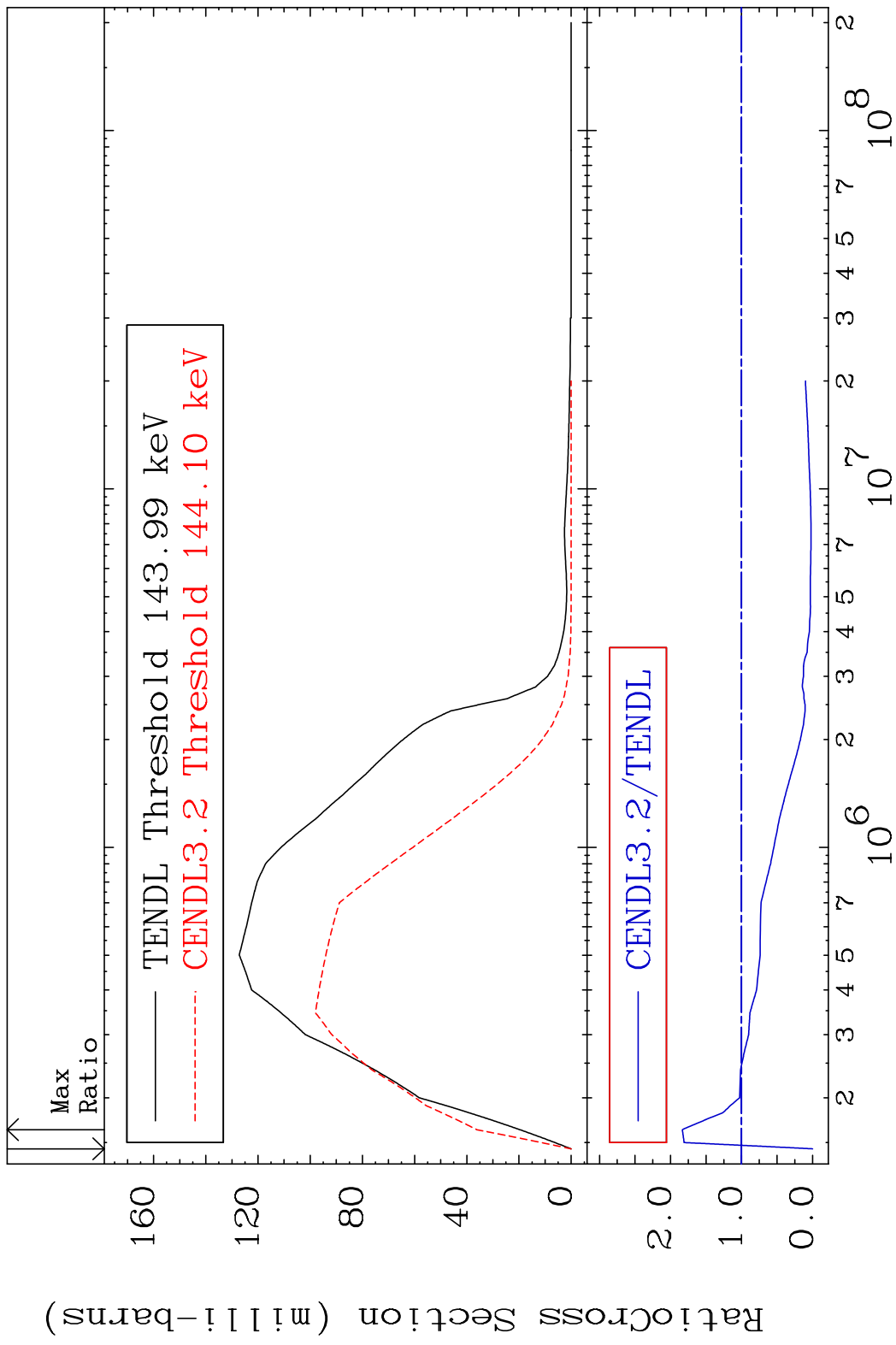
9 95-Am-243

MAT 9549 MT= 54 (n, n') Level 95-Am-243  
 Cross Section -91.46 To 95.60 %

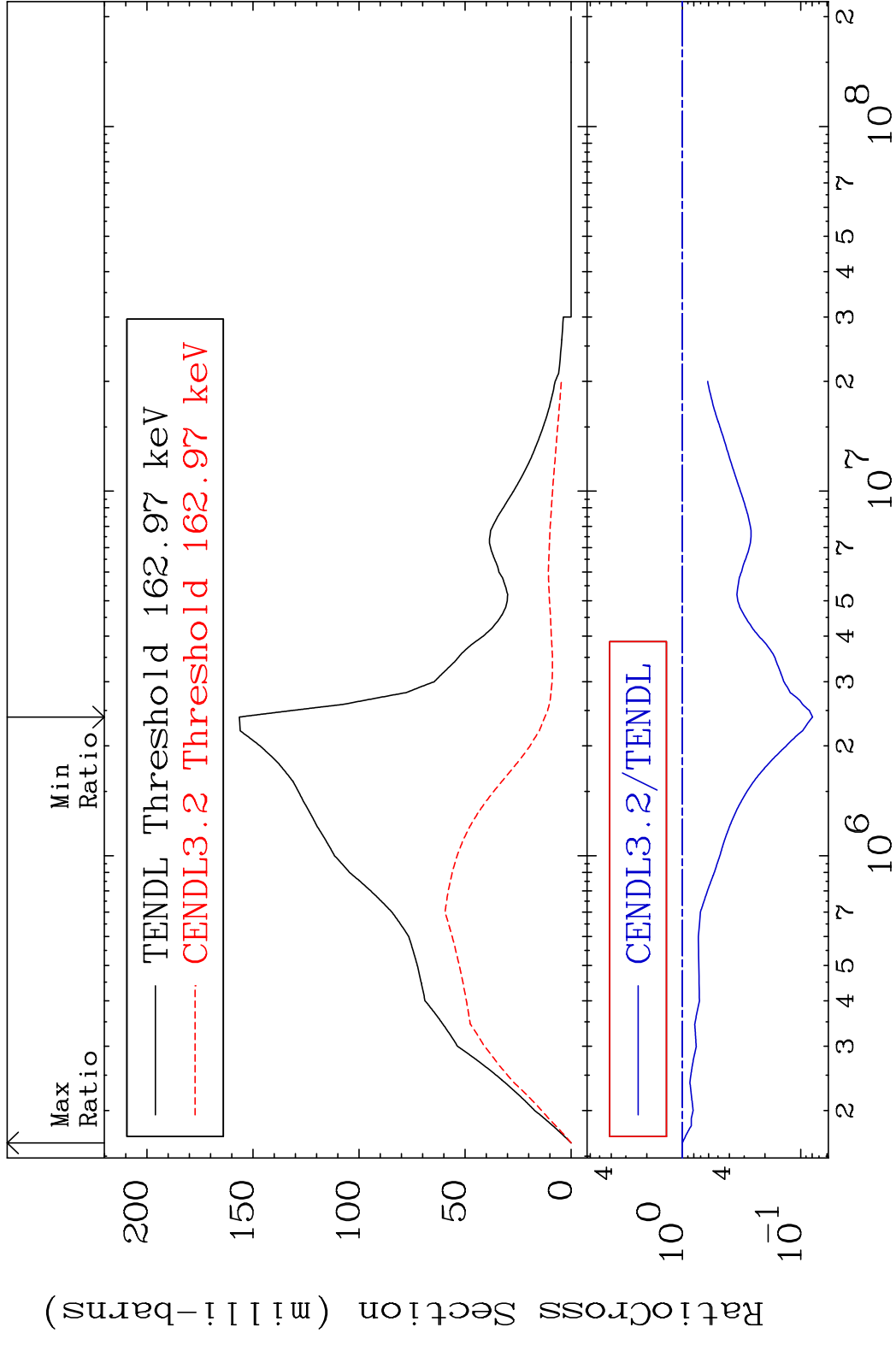


10 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup> 2 3 4 5 7 8 2 95-Am-243

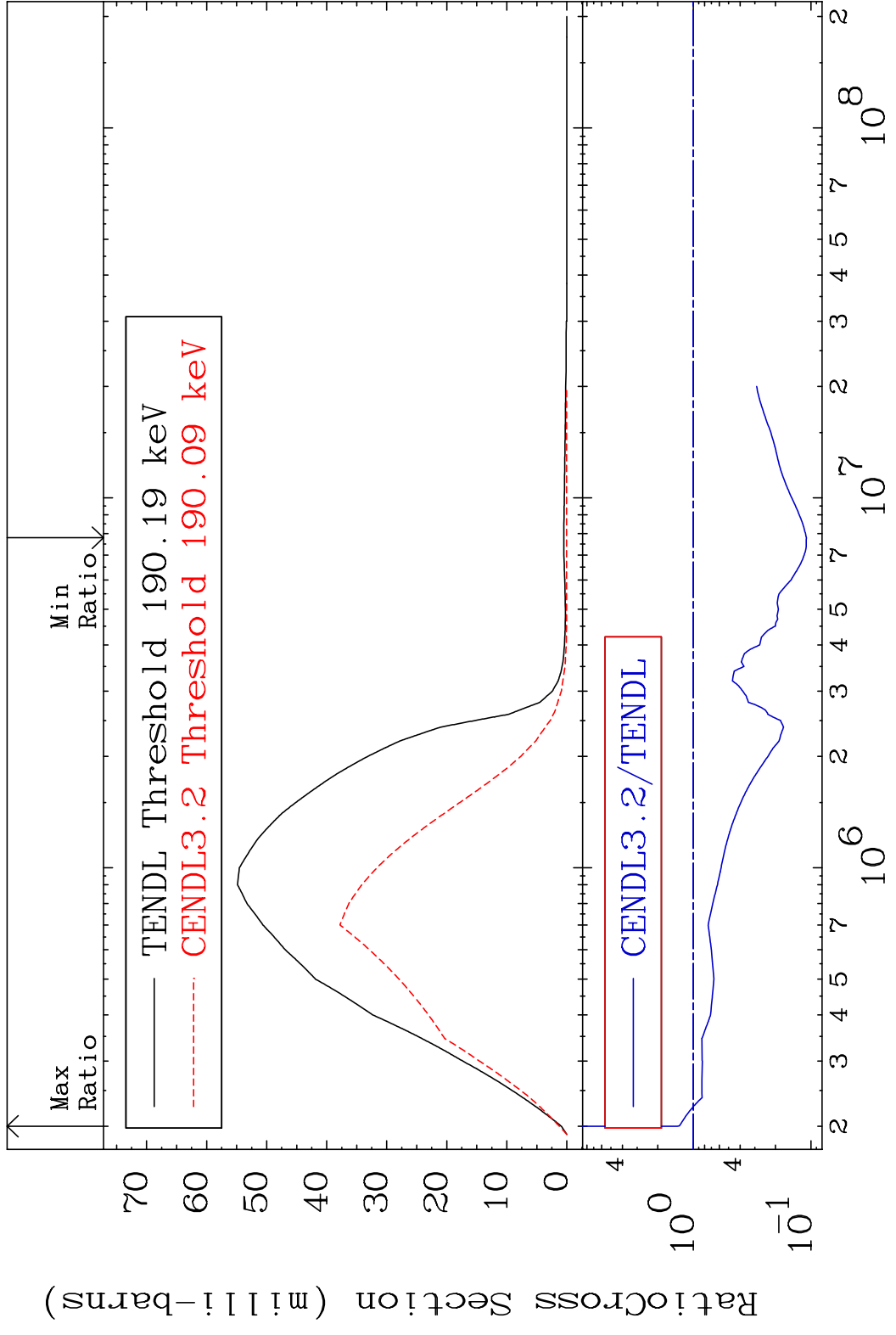
MAT 9549 MT= 55 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 83.36 %



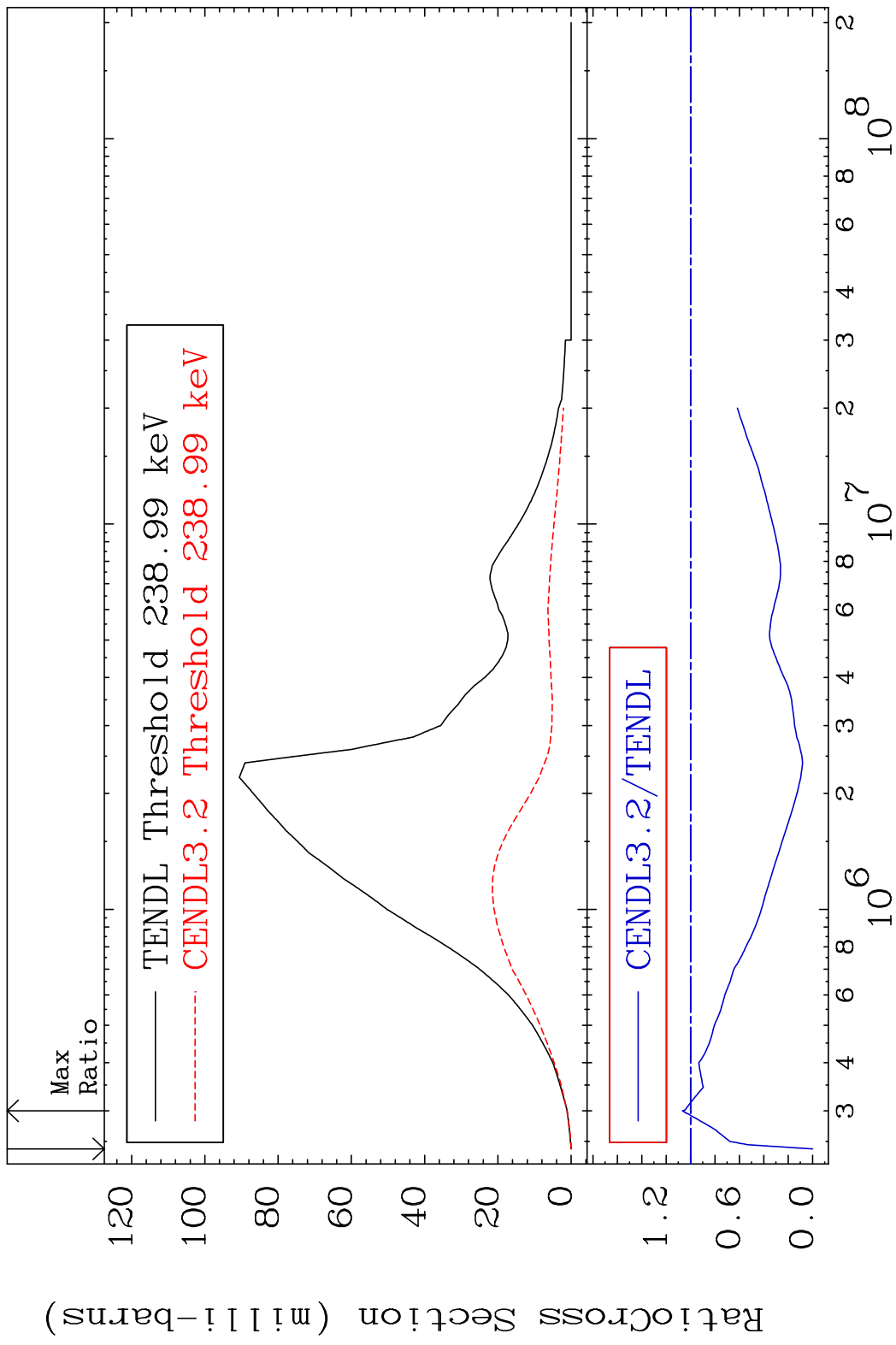
MAT 9549 MT= 56 (n, n') Level 95-Am-243  
 Cross Section -92.07 To 0.000 %



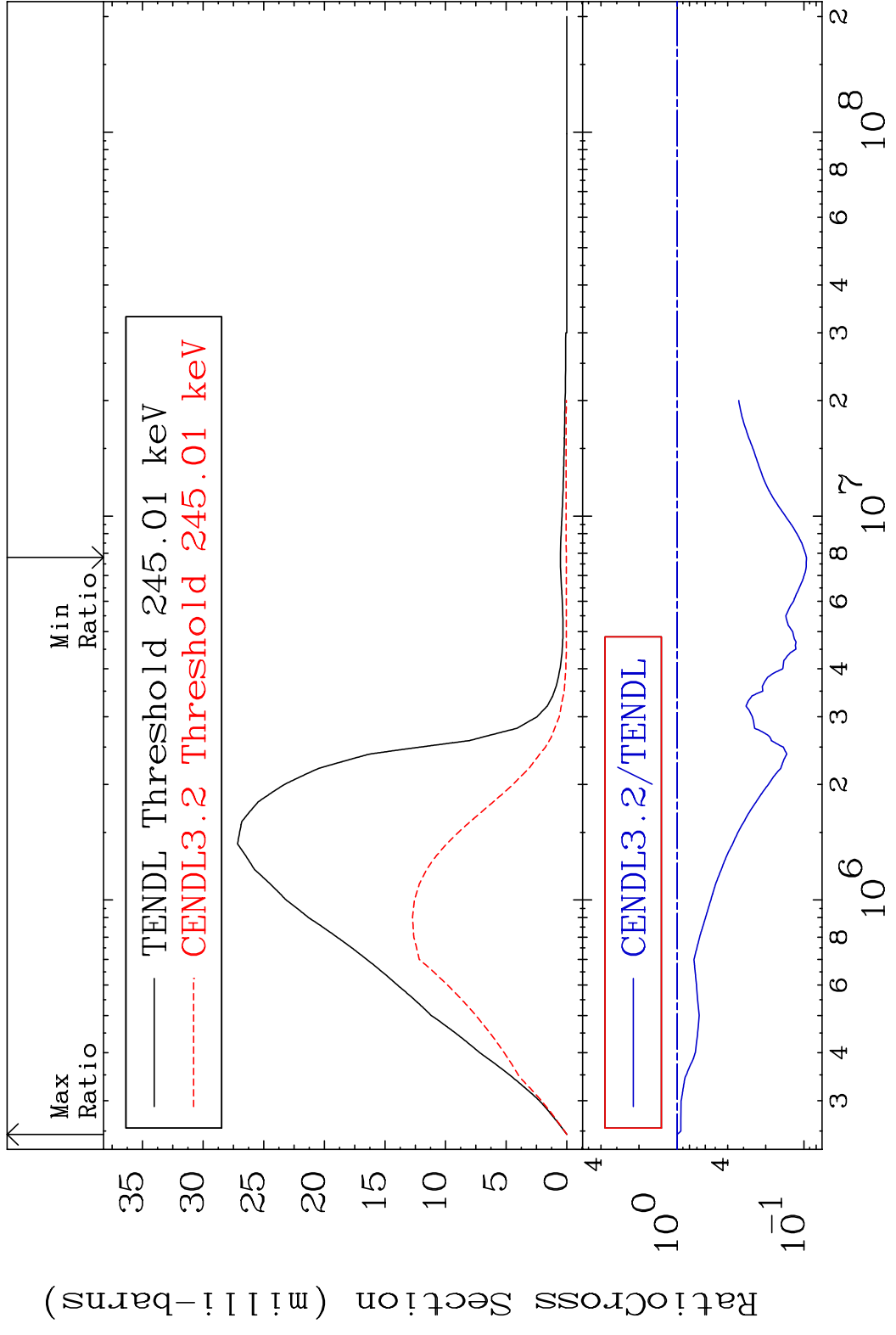
MAT 9549 MT= 57 (n, n') Level 95-Am-243  
 Cross Section -89.07 To 36.88 %



MAT 9549 MT= 58 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 6.693 %

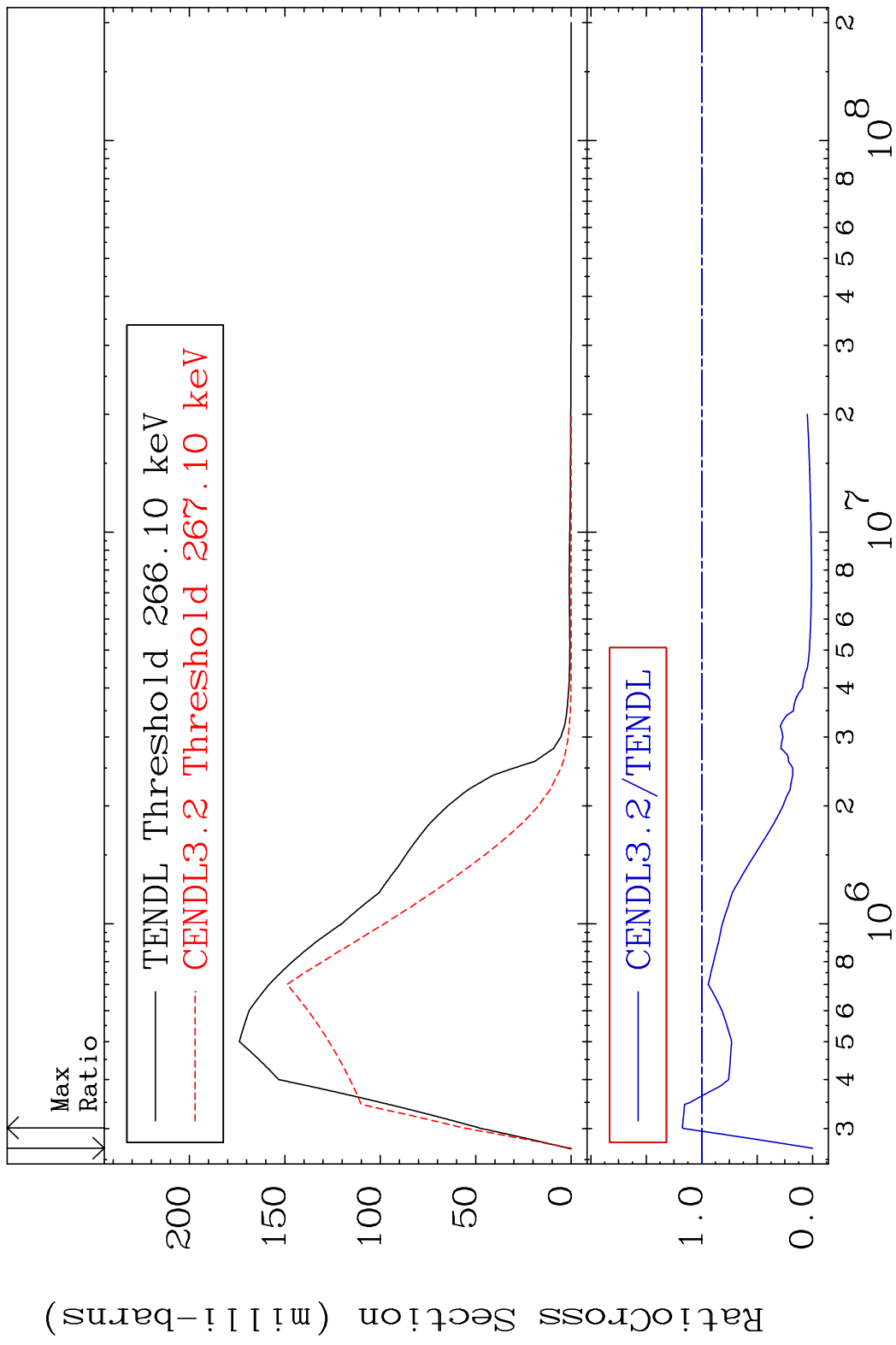


MAT 9549 MT= 59 (n, n') Level 95-Am-243  
 Cross Section -90.44 To 0.000 %

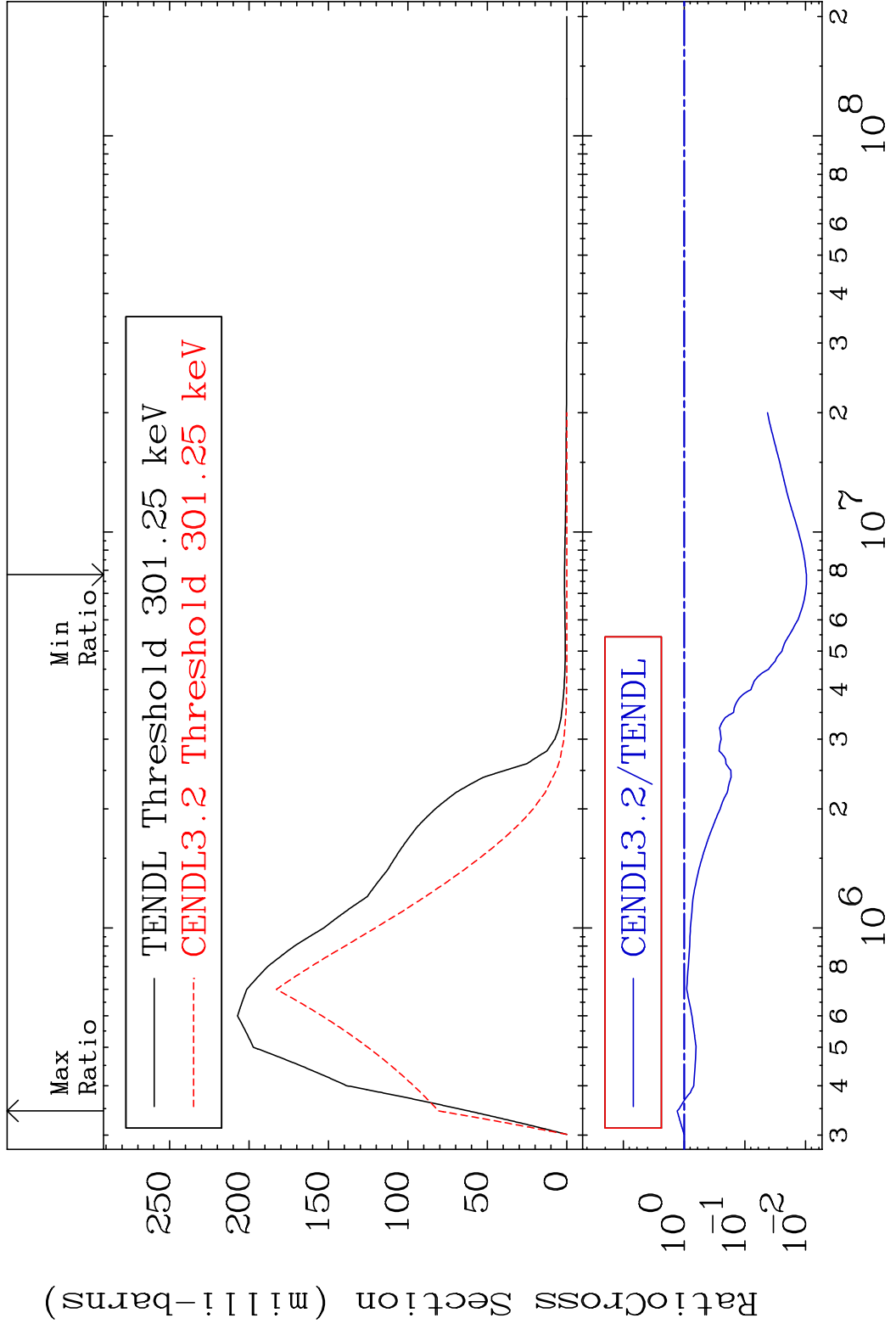




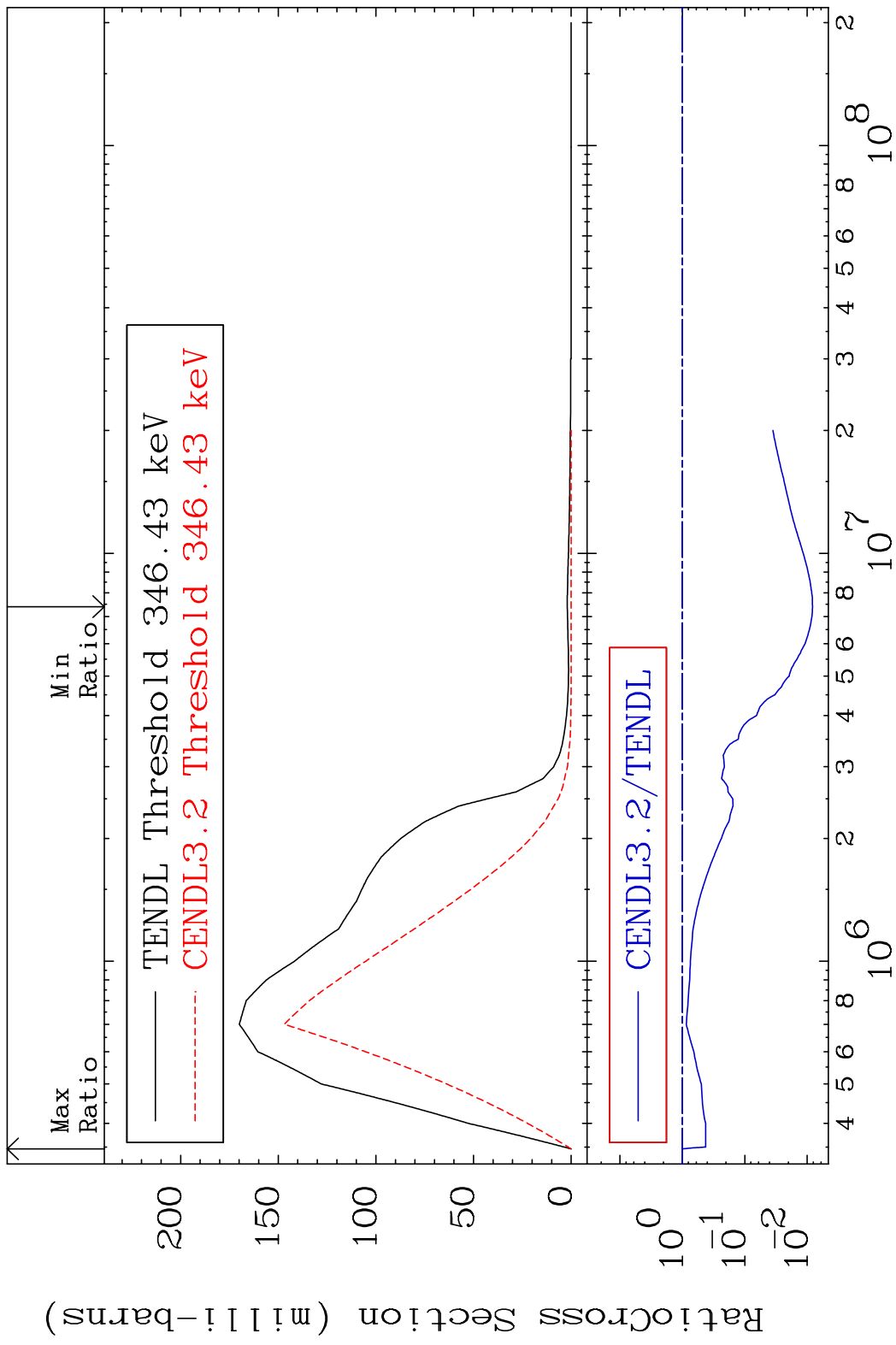
MAT 9549 MT= 60 (n, n') Level 95-Am-243  
 Cross Section -100.0 To 17.46 %



MAT 9549 MT= 61 (n, n') Level 95-Am-243  
 Cross Section -99.03 To 30.24 %



MAT 9549 MT= 62 (n, n') Level 95-Am-243  
 Cross Section -99.18 To 0.000 %

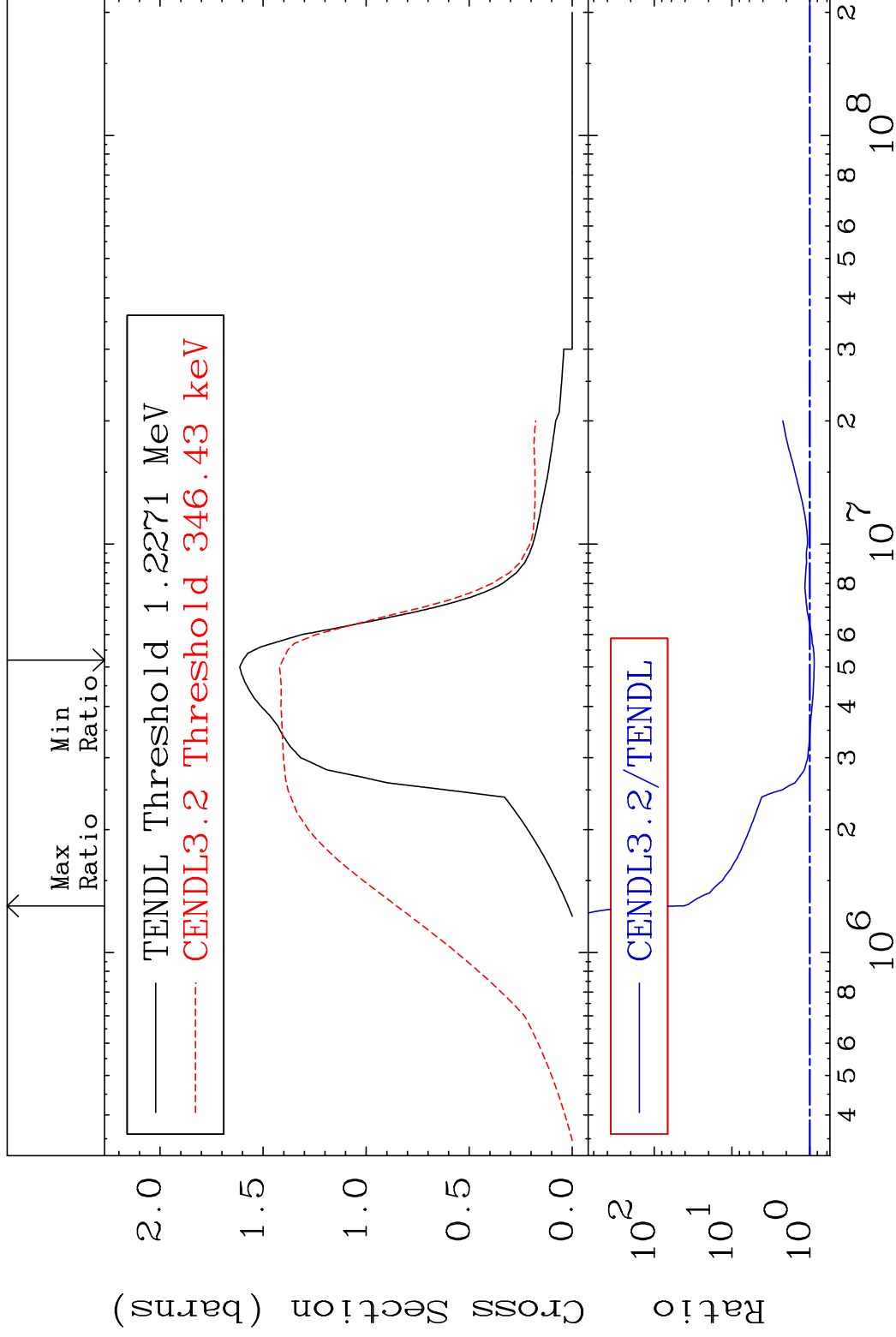


MAT 9549

(n, n') Continuum

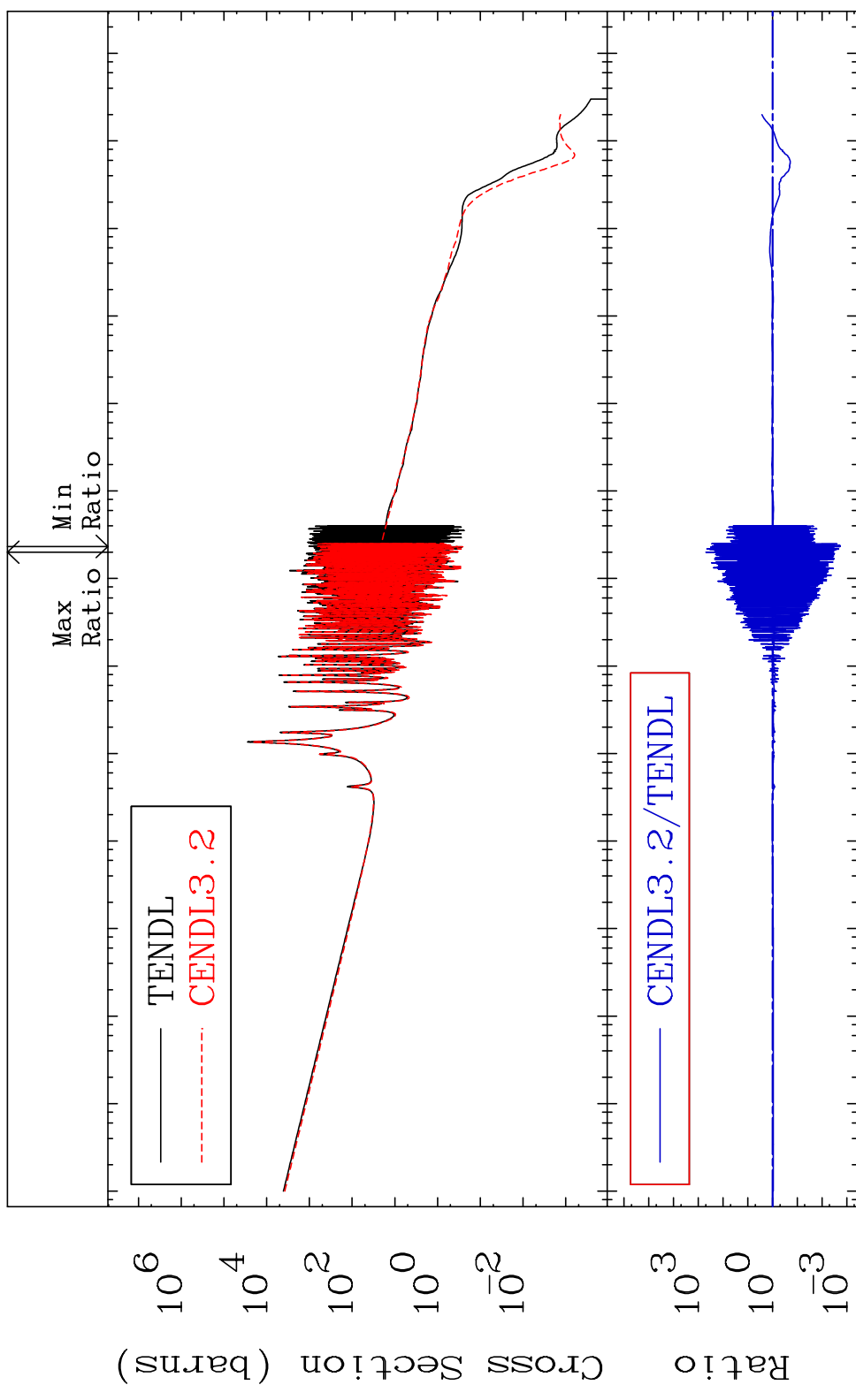
95-Am-243

Cross Section -12.08 To 4074. %



MAT 9549

(n,  $\gamma$ )  
Cross Section -99.82 To 9999. %  
95-Am-243



20

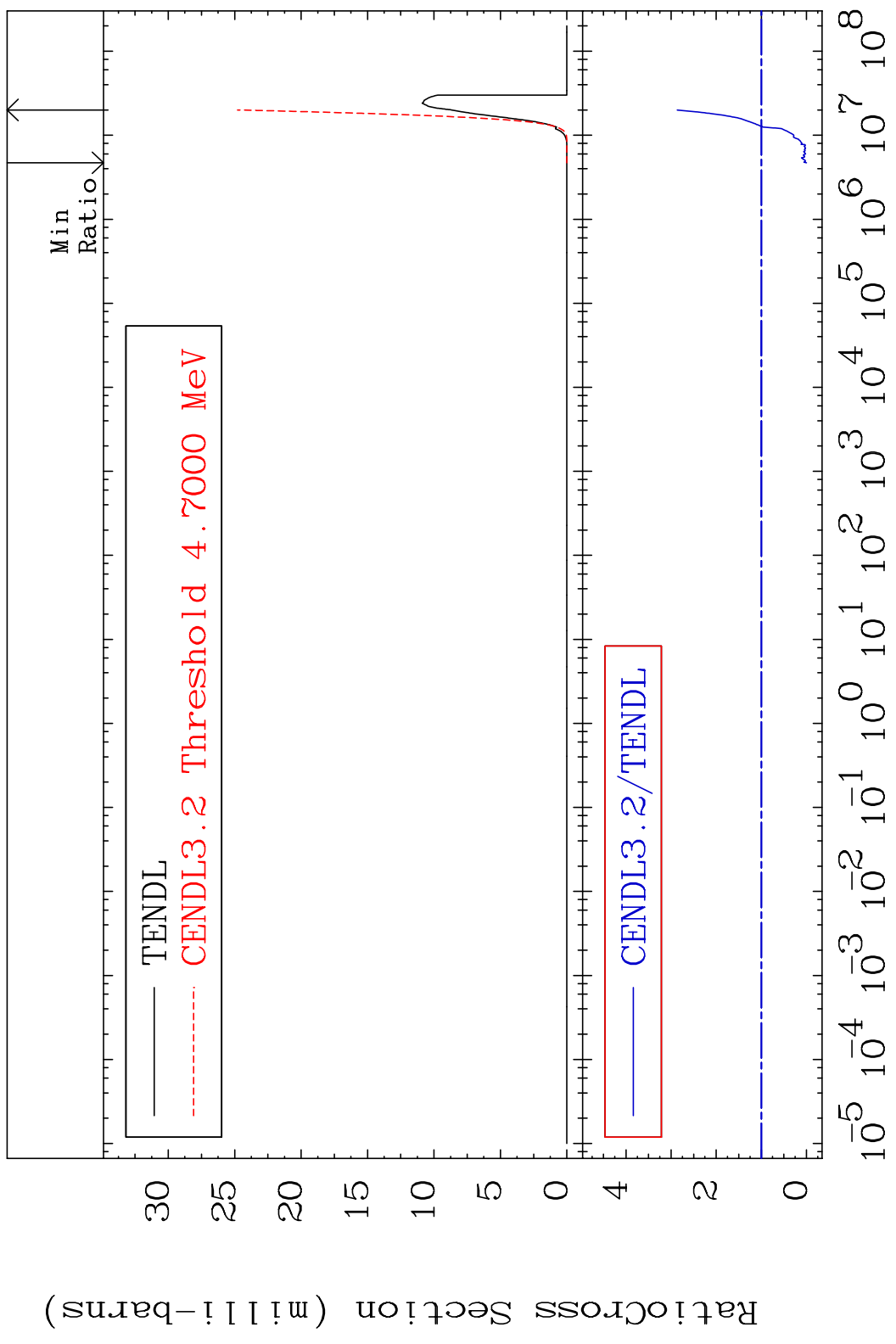
Incident Energy (eV) 95-Am-243

MAT 9549

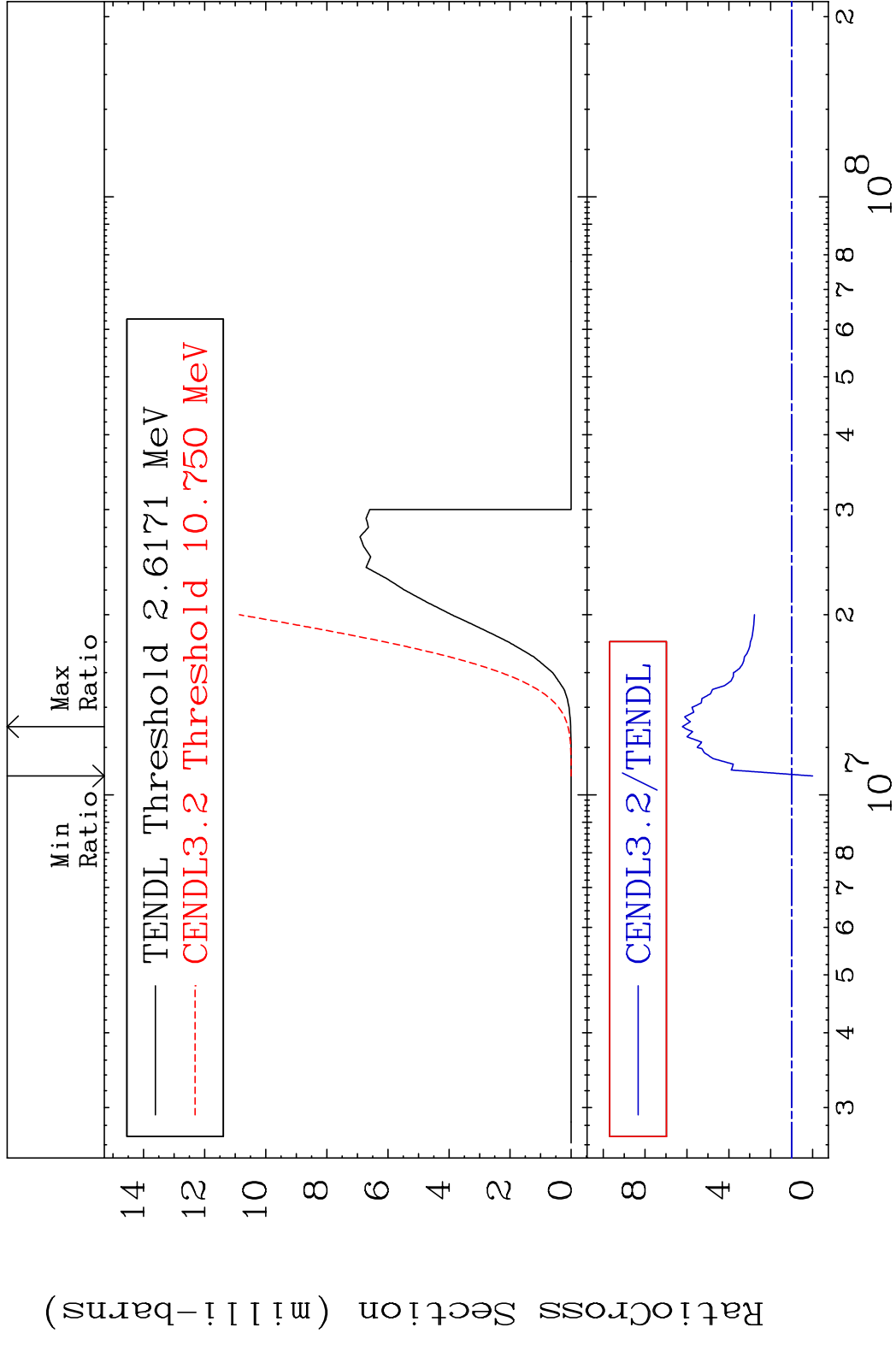
(n, p)

95-Am-243

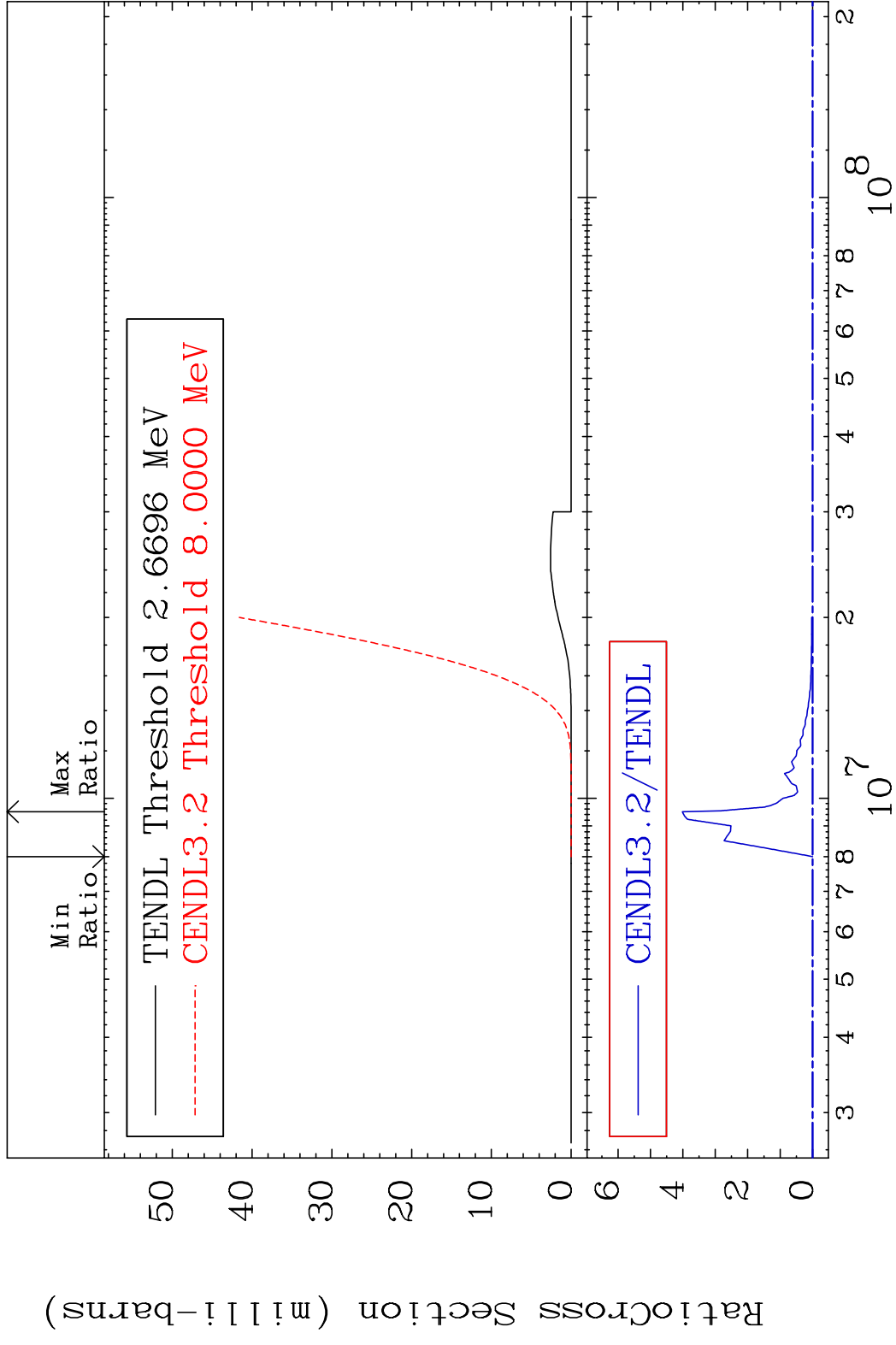
Cross Section -100.0 To 186.6 %



MAT 9549 (n,d) 95-Am-243  
 Cross Section -100.0 To 522.0 %



22 Incident Energy (eV) 95-Am-243



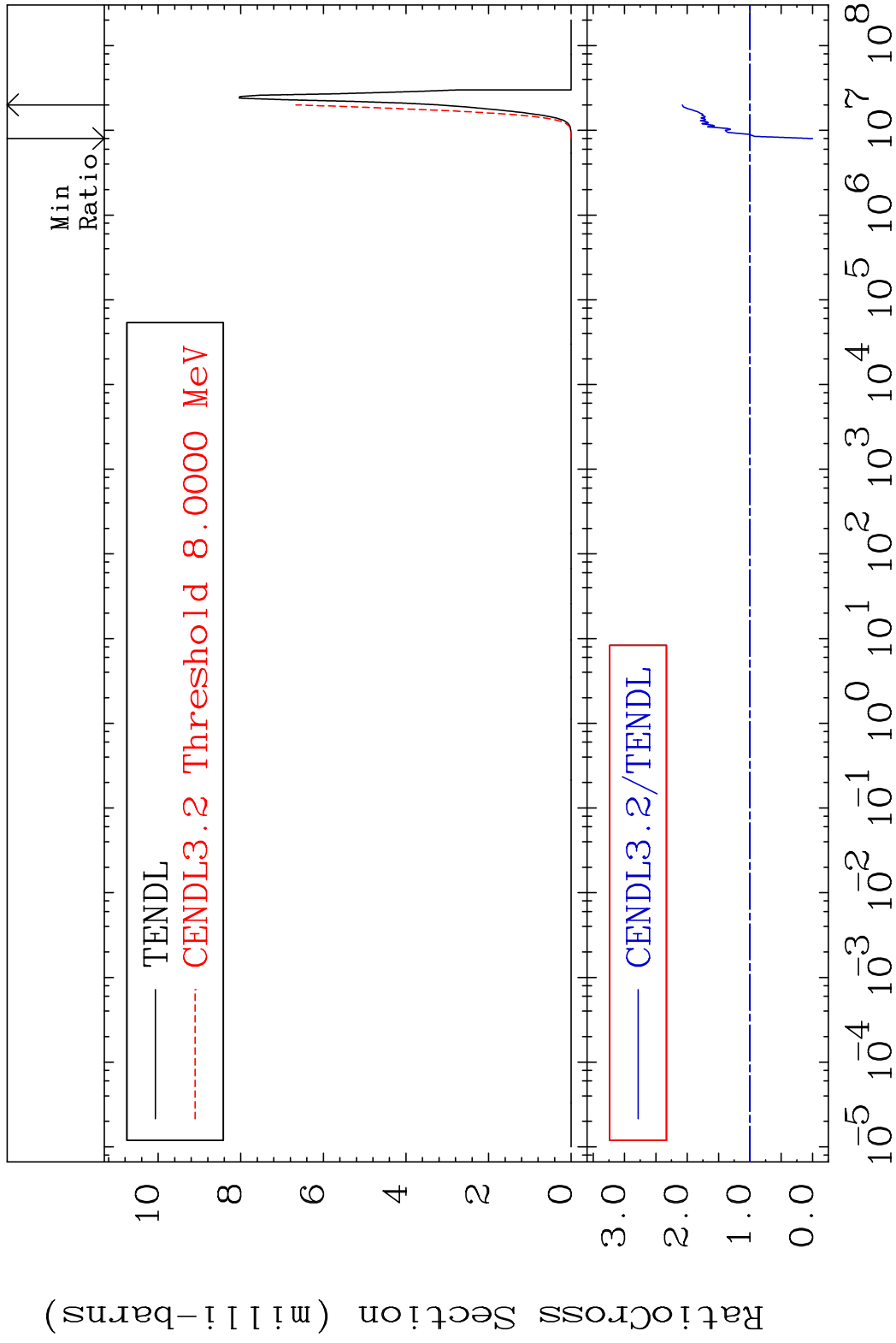


MAT 9549

(n,  $\alpha$ )

95-Am-243

Cross Section -100.0 To 107.8 %



24

Incident Energy (eV)

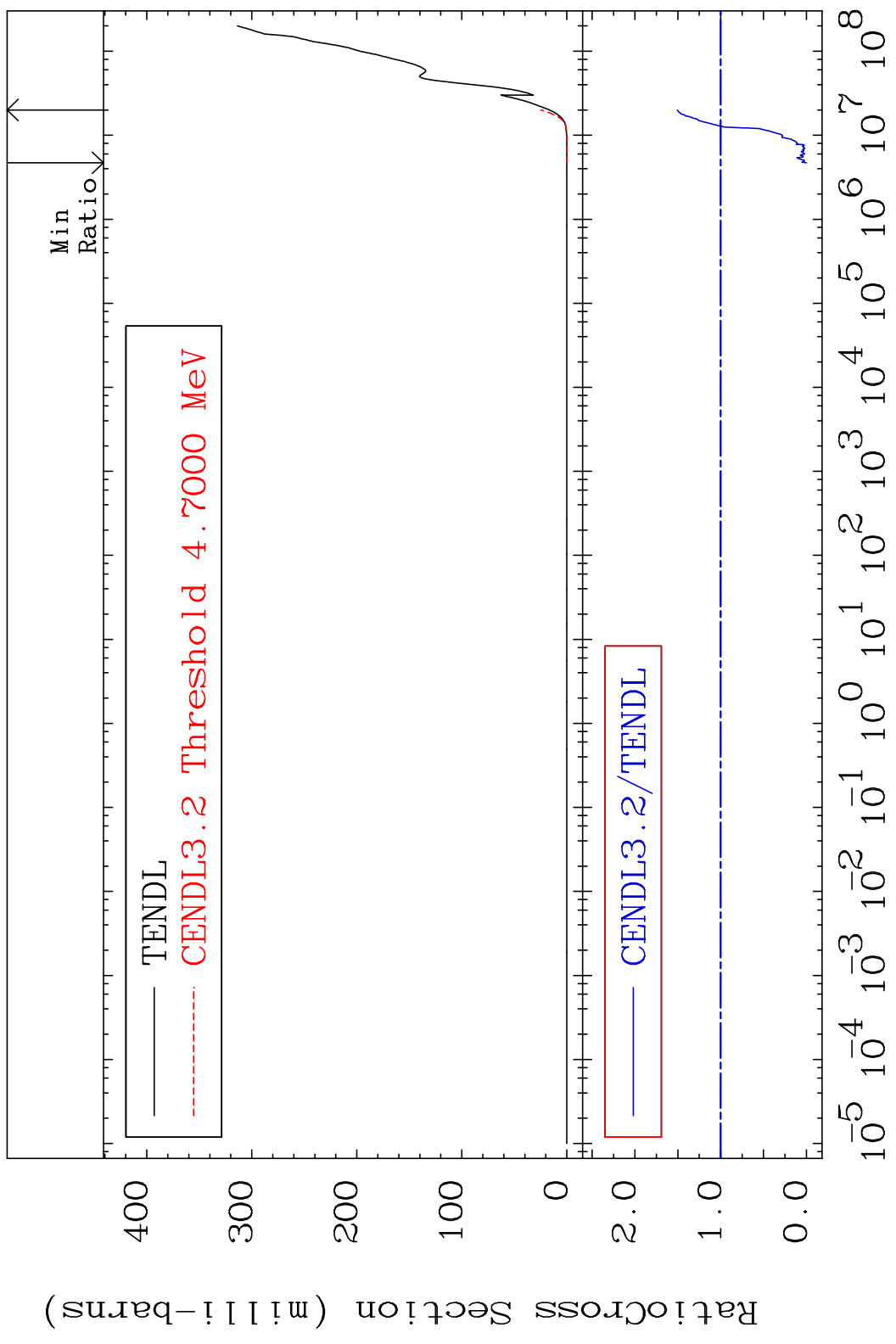
95-Am-243

MAT 9549

Hydrogen Production

95-Am-243

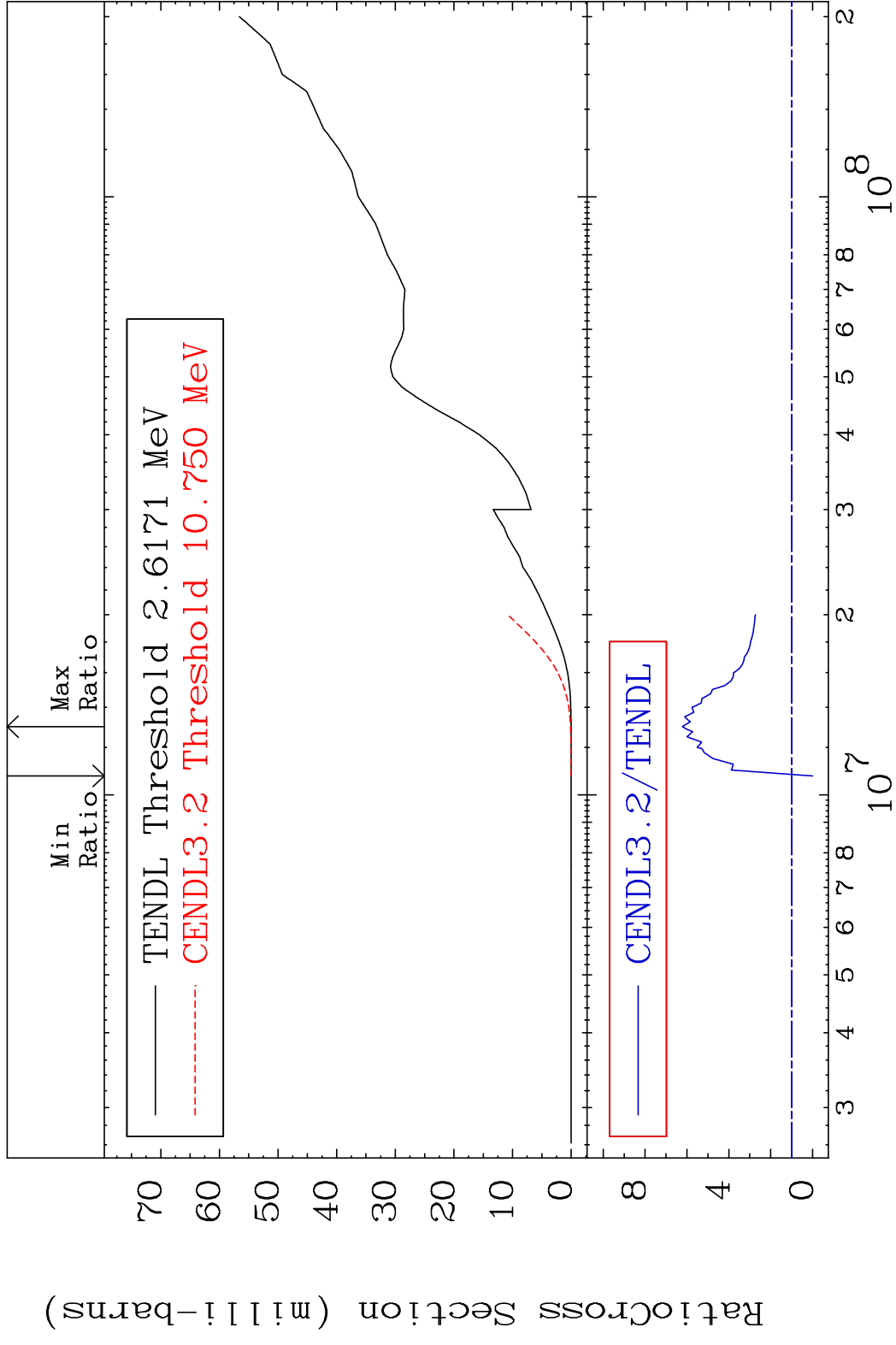
Cross Section -100.0 To 50.75 %



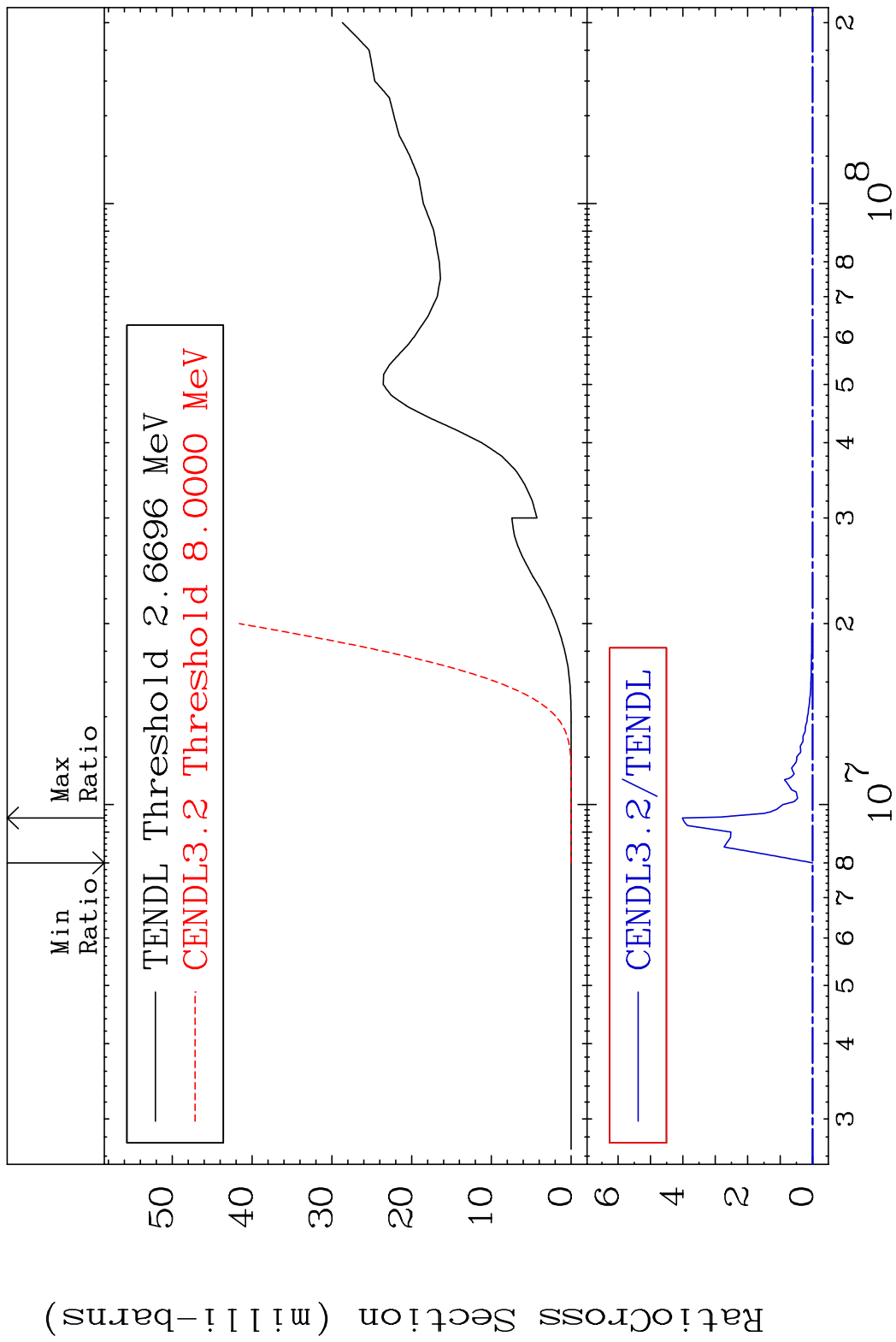
25

95-Am-243

MAT 9549 Deuterium Production 95-Am-243  
 Cross Section -100.0 To 522.0 %



MAT 9549 Tritium Production 95-Am-243  
 Cross Section -100.0 To 9999. %

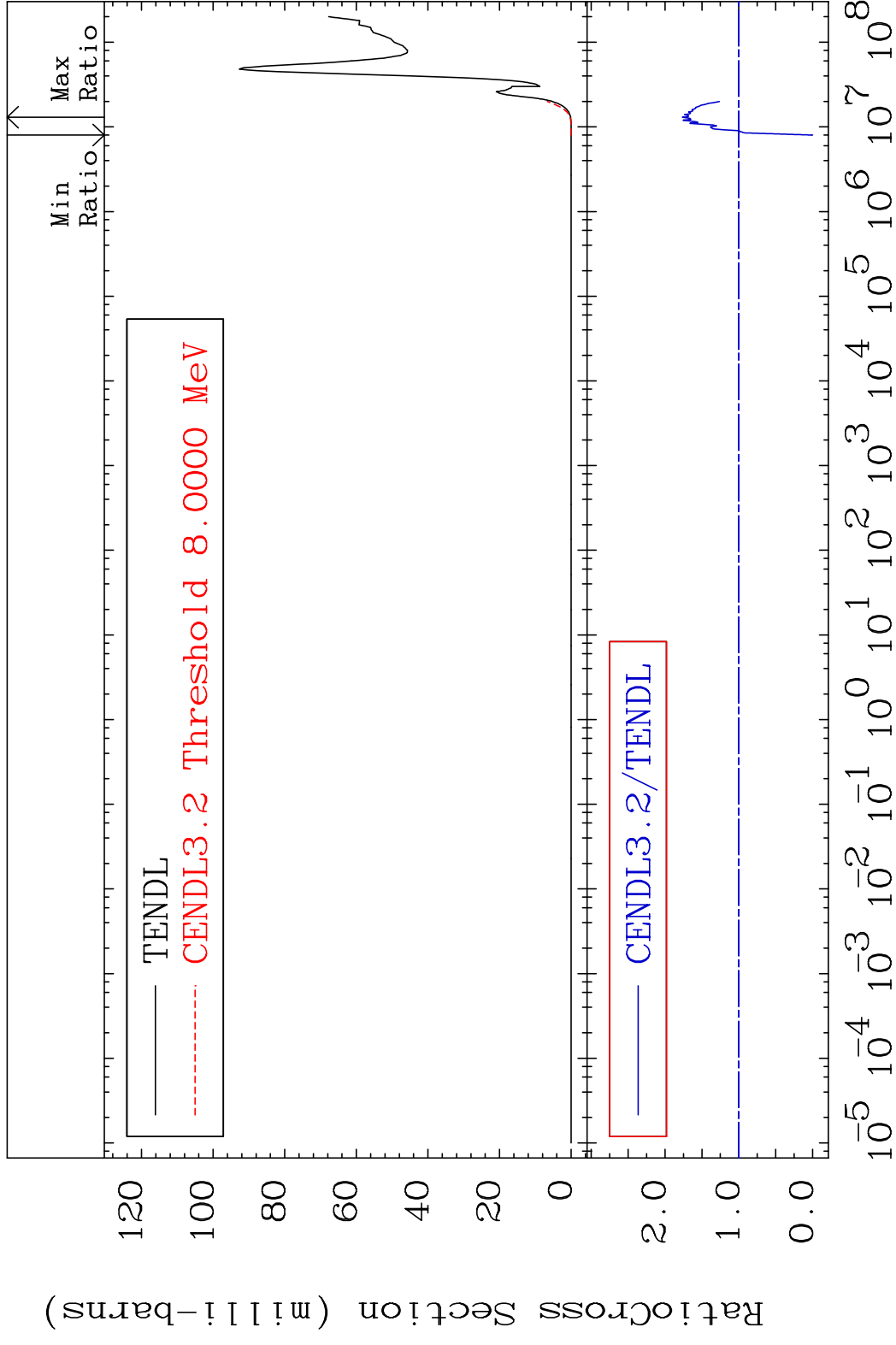


MAT 9549

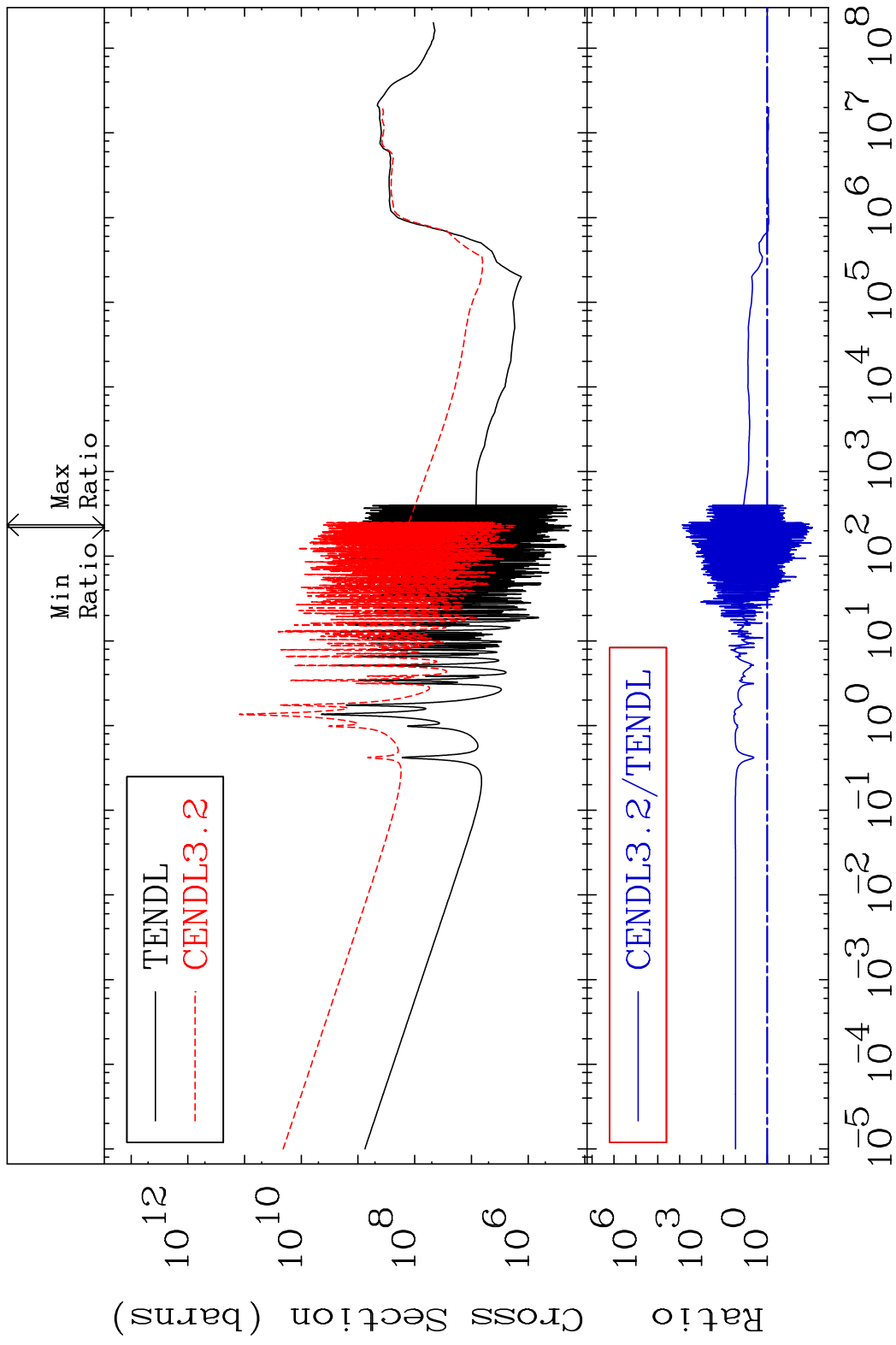
He-4 Production

95-Am-243

Cross Section -100.0 To 76.49 %



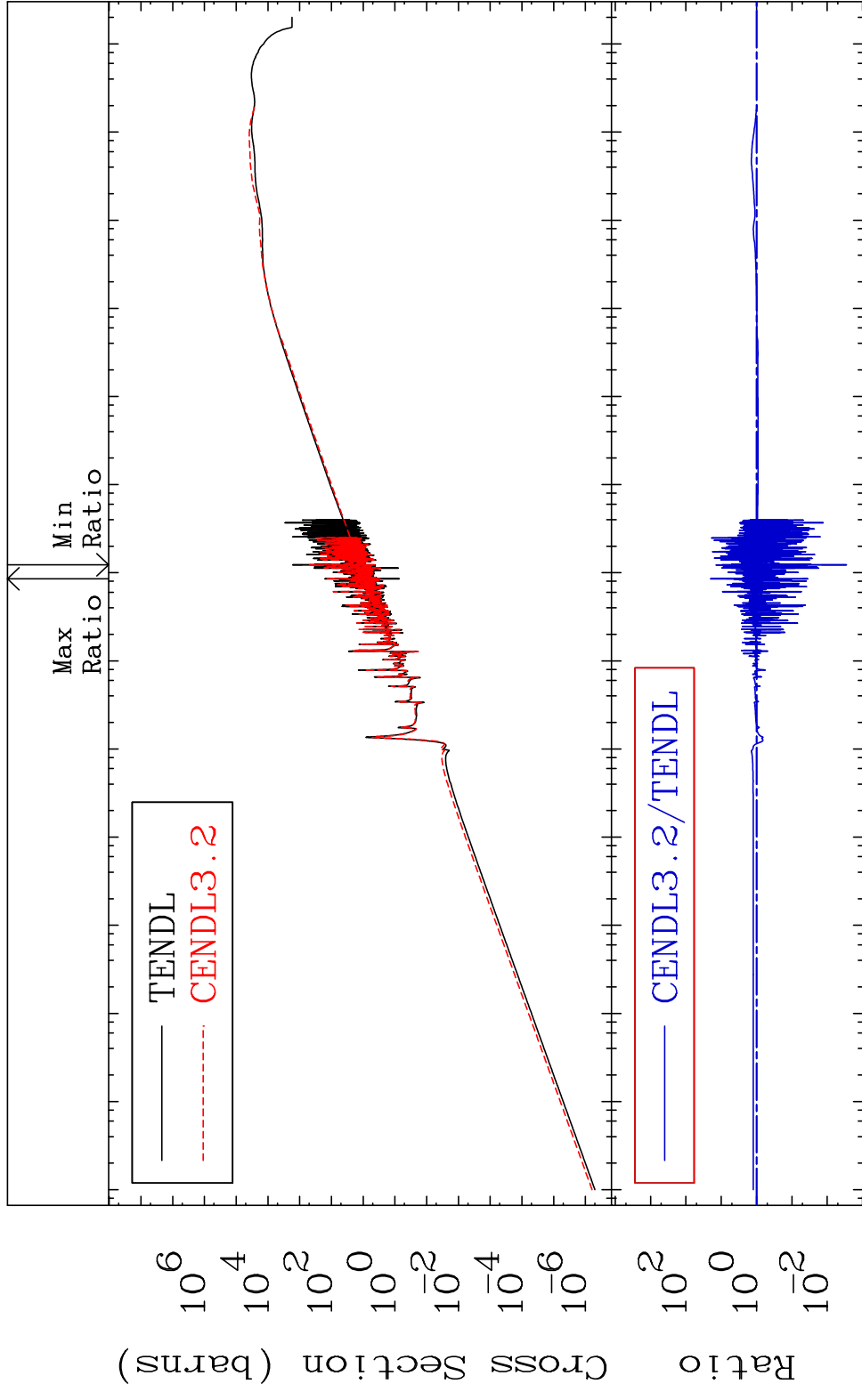
MAT 9549 Kerma total (eV-barns) 95-Am-243  
 Cross Section -99.16 To 9999. %



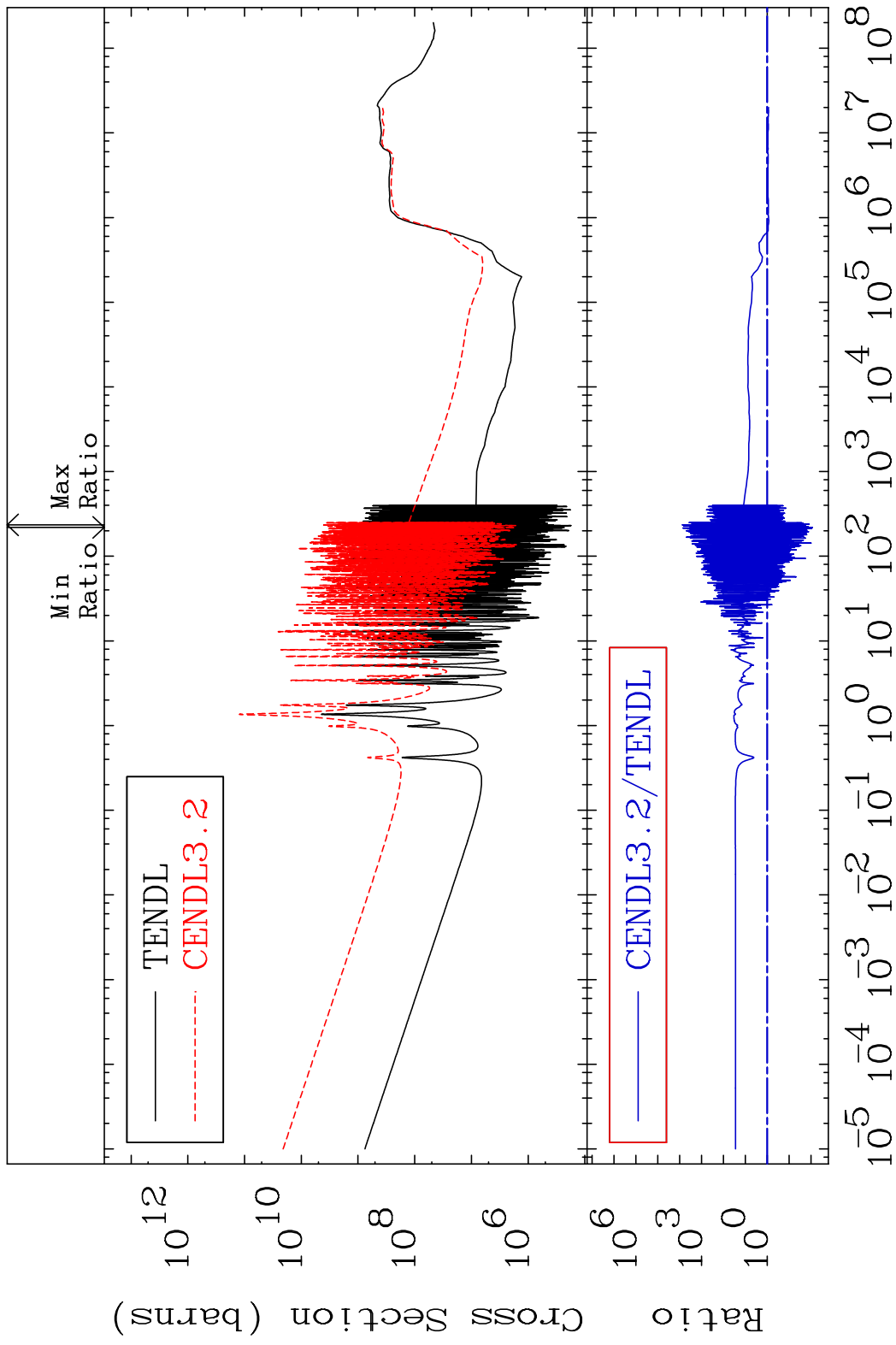
MAT 9549

Kerma elastic  
Cross Section -99.71 To 1883. %

95-Am-243

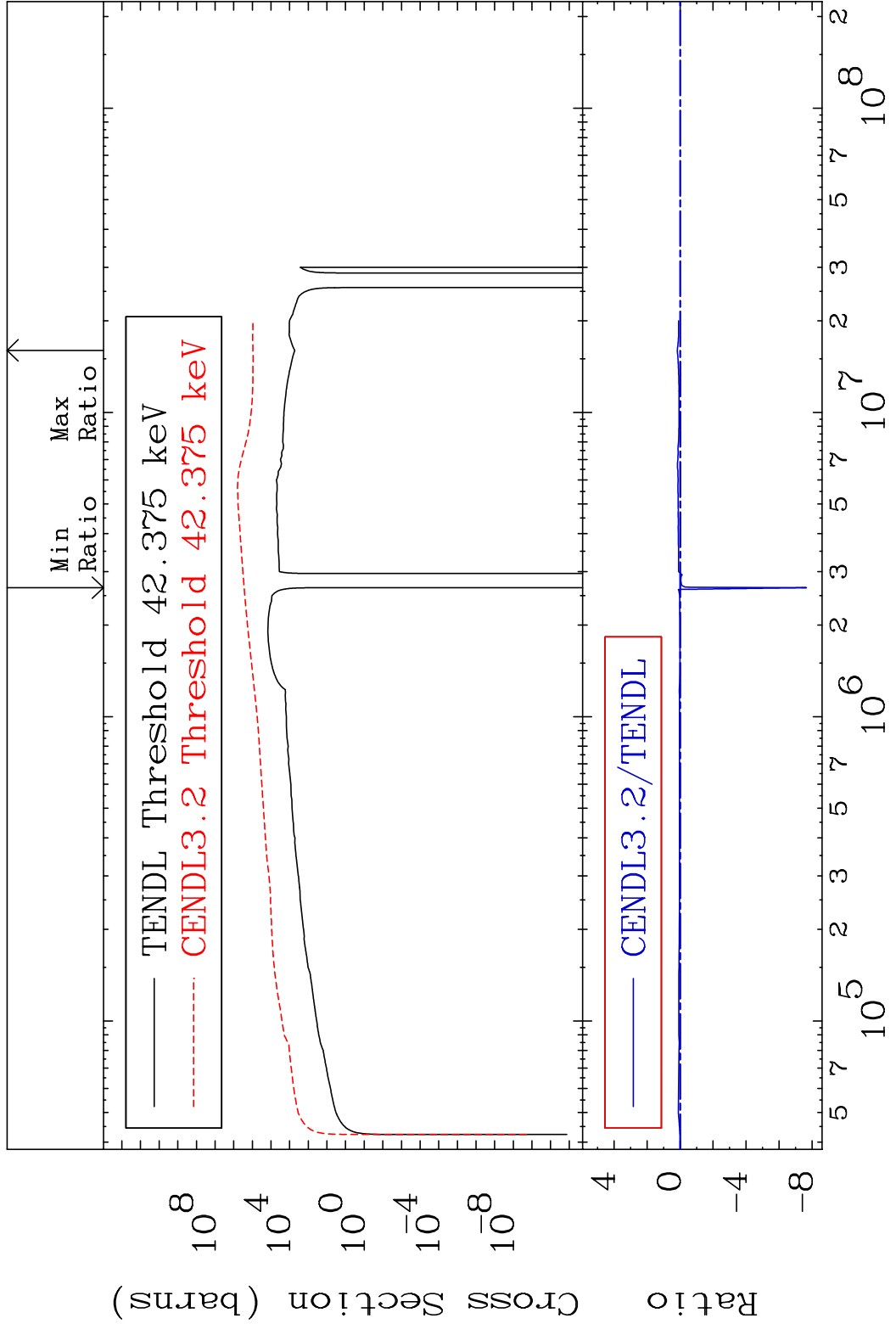


MAT 9549 Kerma non-elastic (all but mt2) 95-Am-243  
 Cross Section -99.16 To 9999. %

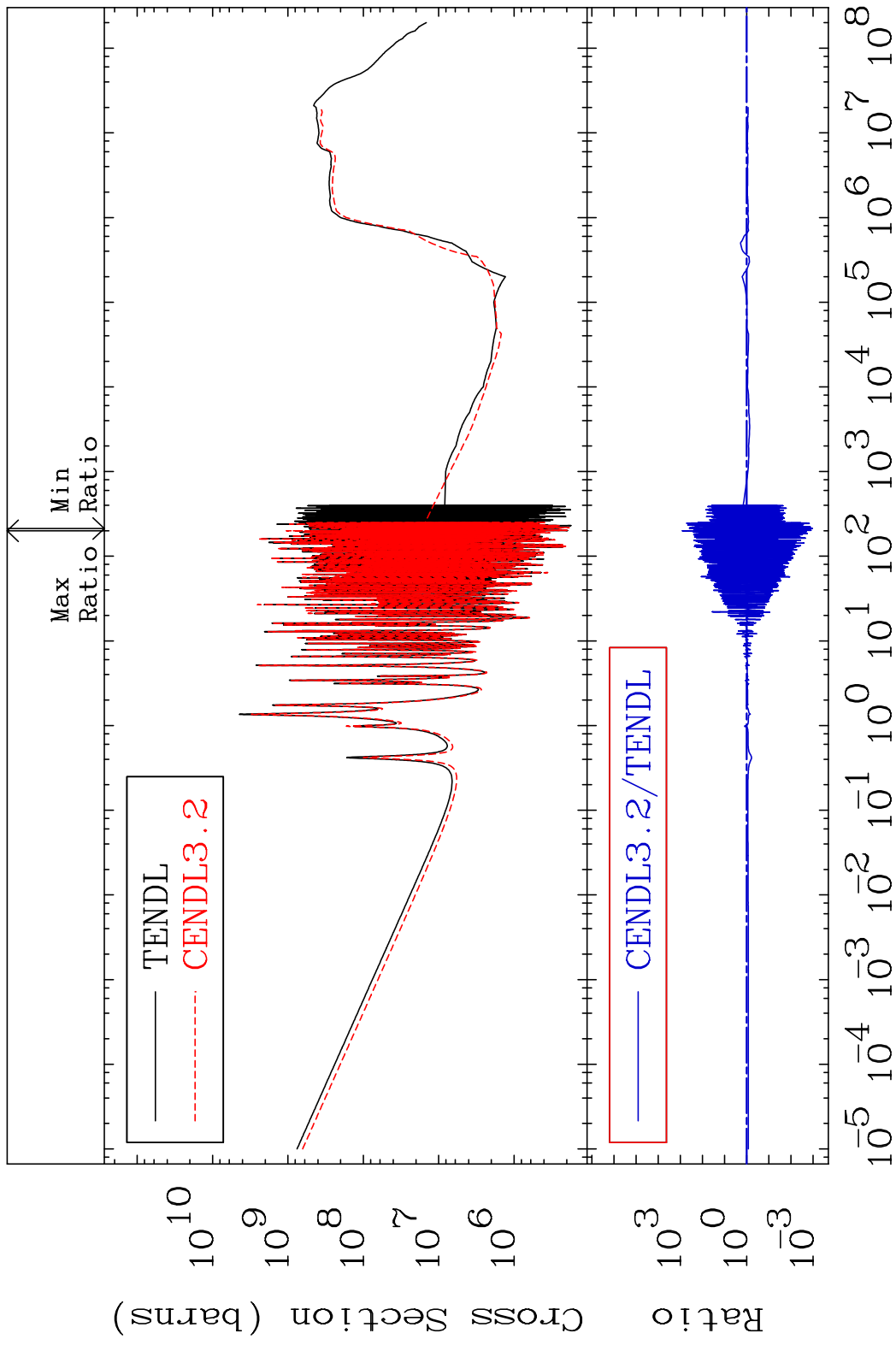




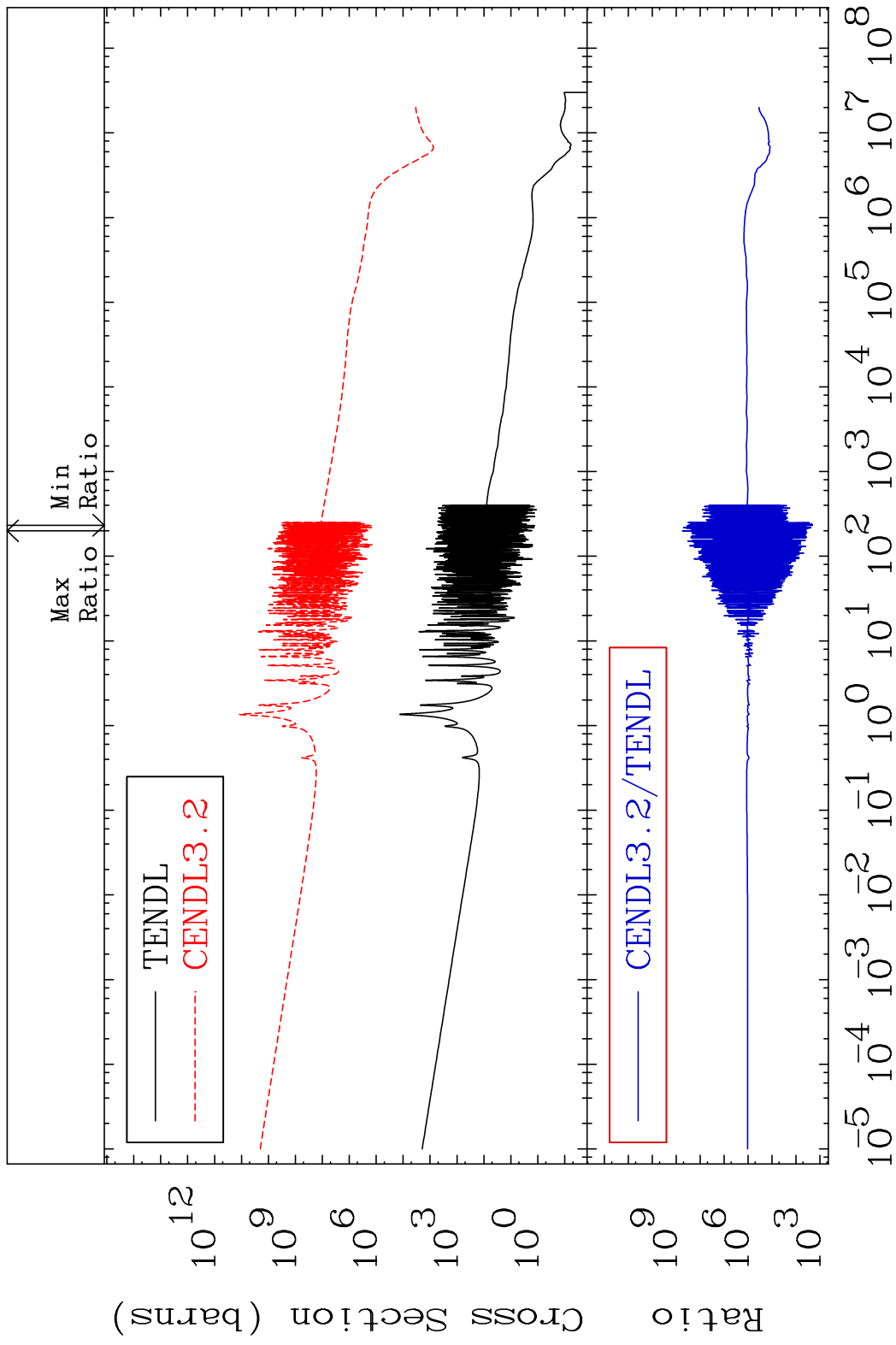
MAT 9549 Kerma inelastic (mt51-91) 95-Am-243  
 Cross Section -9999. To 9999. %



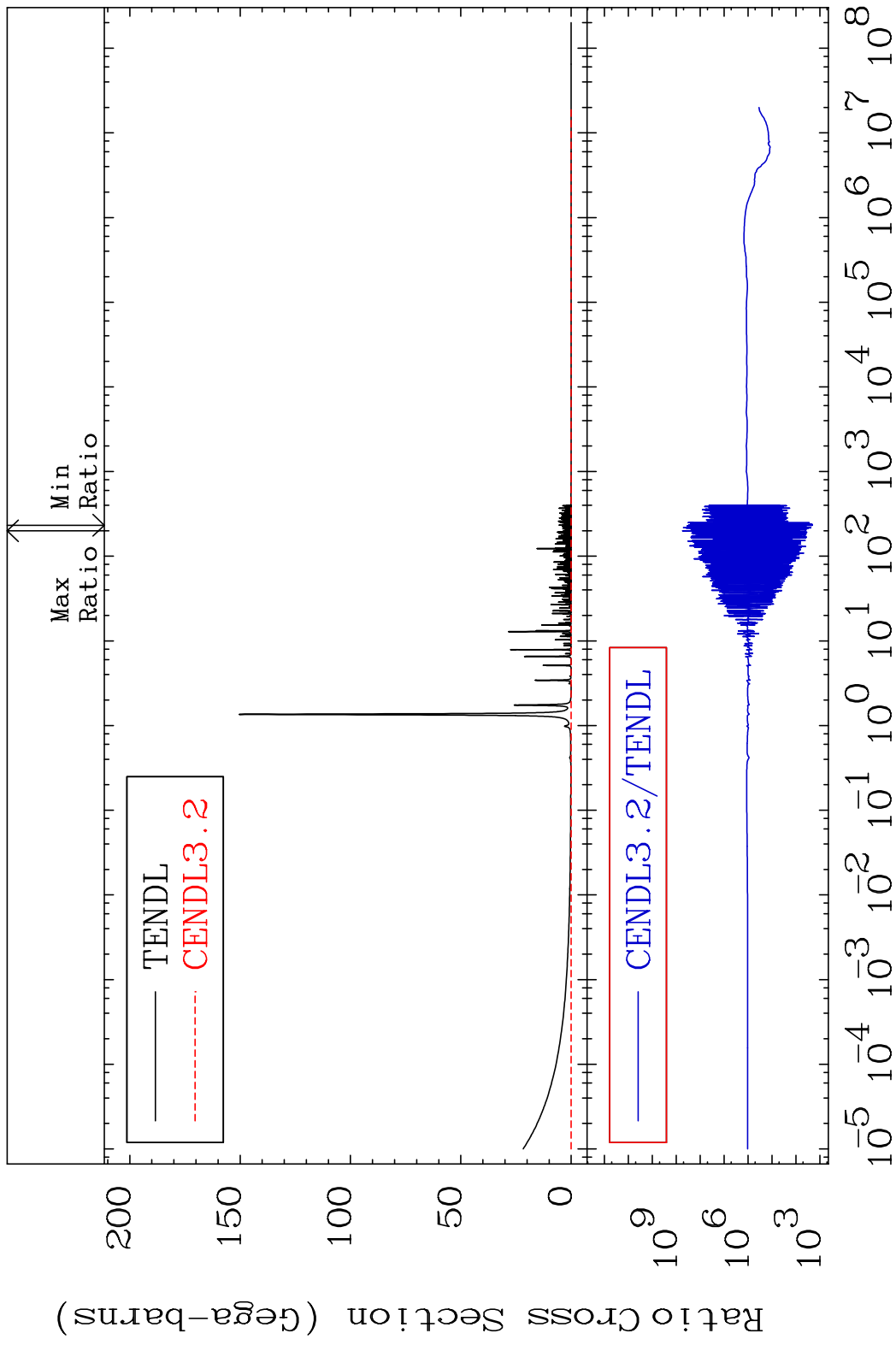
MAT 9549 Kerma fission (mt18 or mt19-20-21-38) 95-Am-243  
 Cross Section -99.90 To 9999. %



MAT 9549 Kerma capture (mt102) 95-Am-243  
 Cross Section 9999. To 9999. %

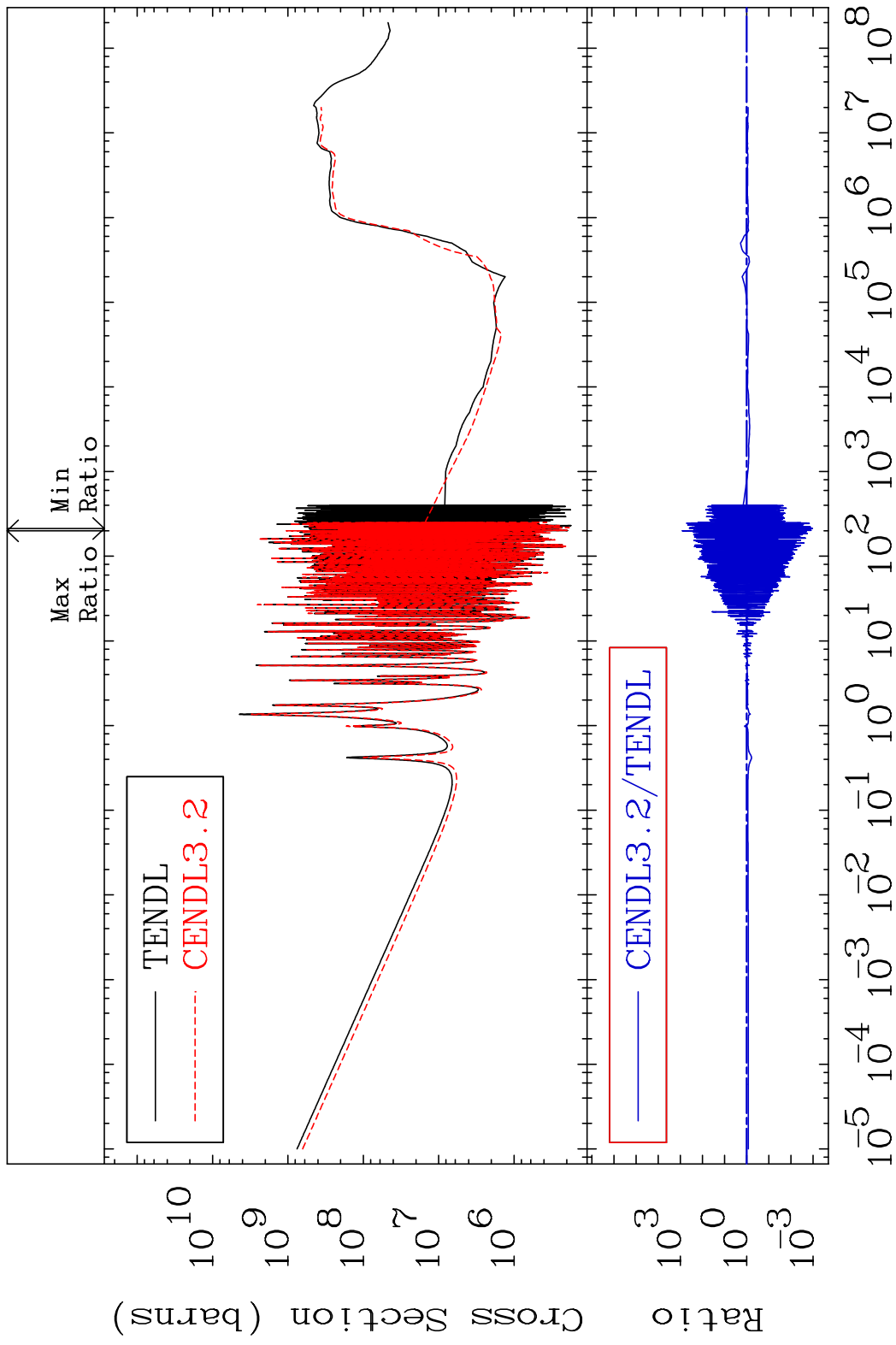


MAT 9549 Total photon (eV-barns) 95-Am-243  
 Cross Section 9999. To 9999. %

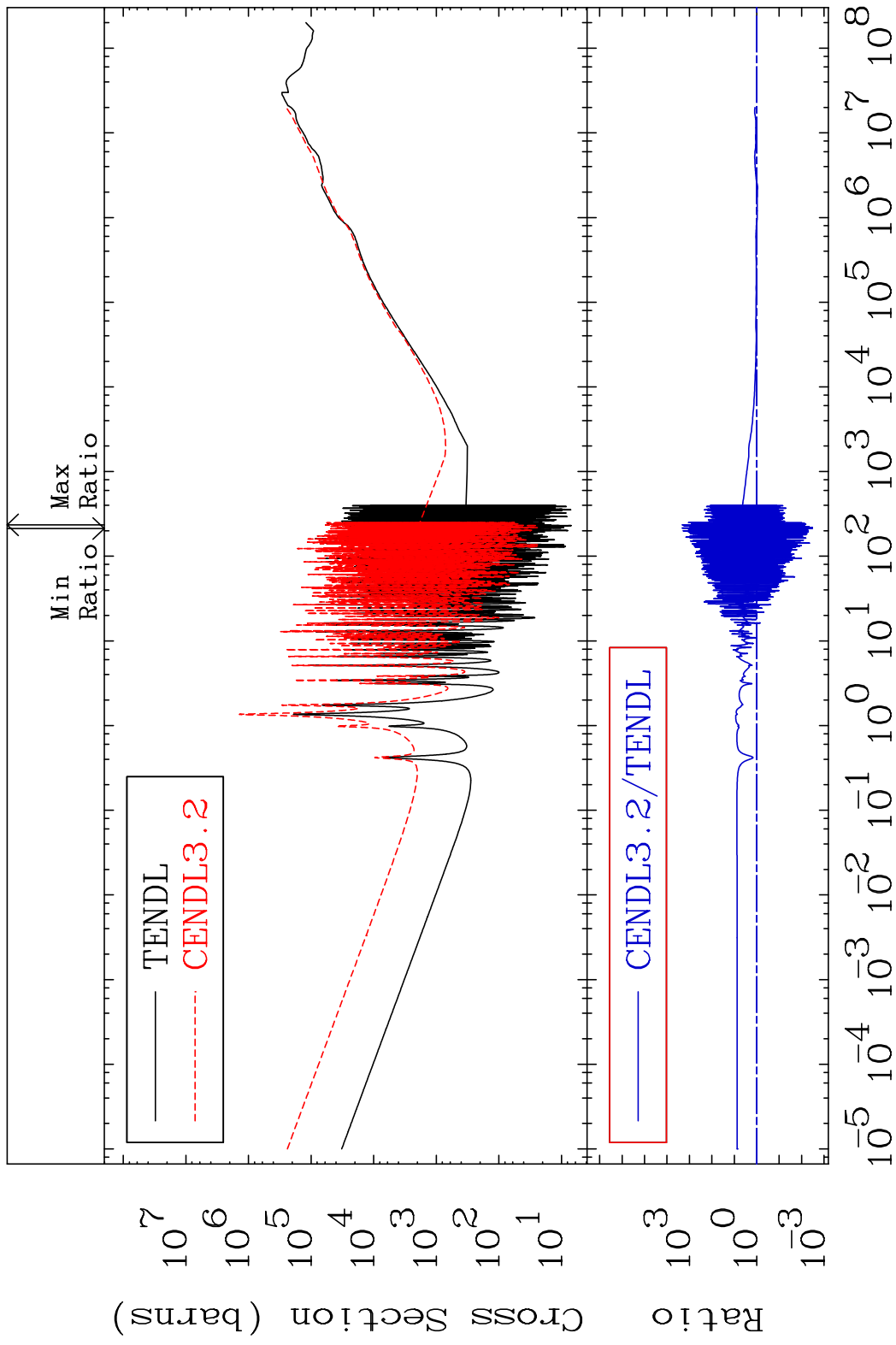


35 Incident Energy (eV) 95-Am-243

MAT 9549 Total kinematic kerma (high limit) 95-Am-243  
 Cross Section -99.90 To 9999. %



MAT 9549      Dpa total (eV-barns)      95-Am-243  
 Cross Section      -99.68 To 9999.      %

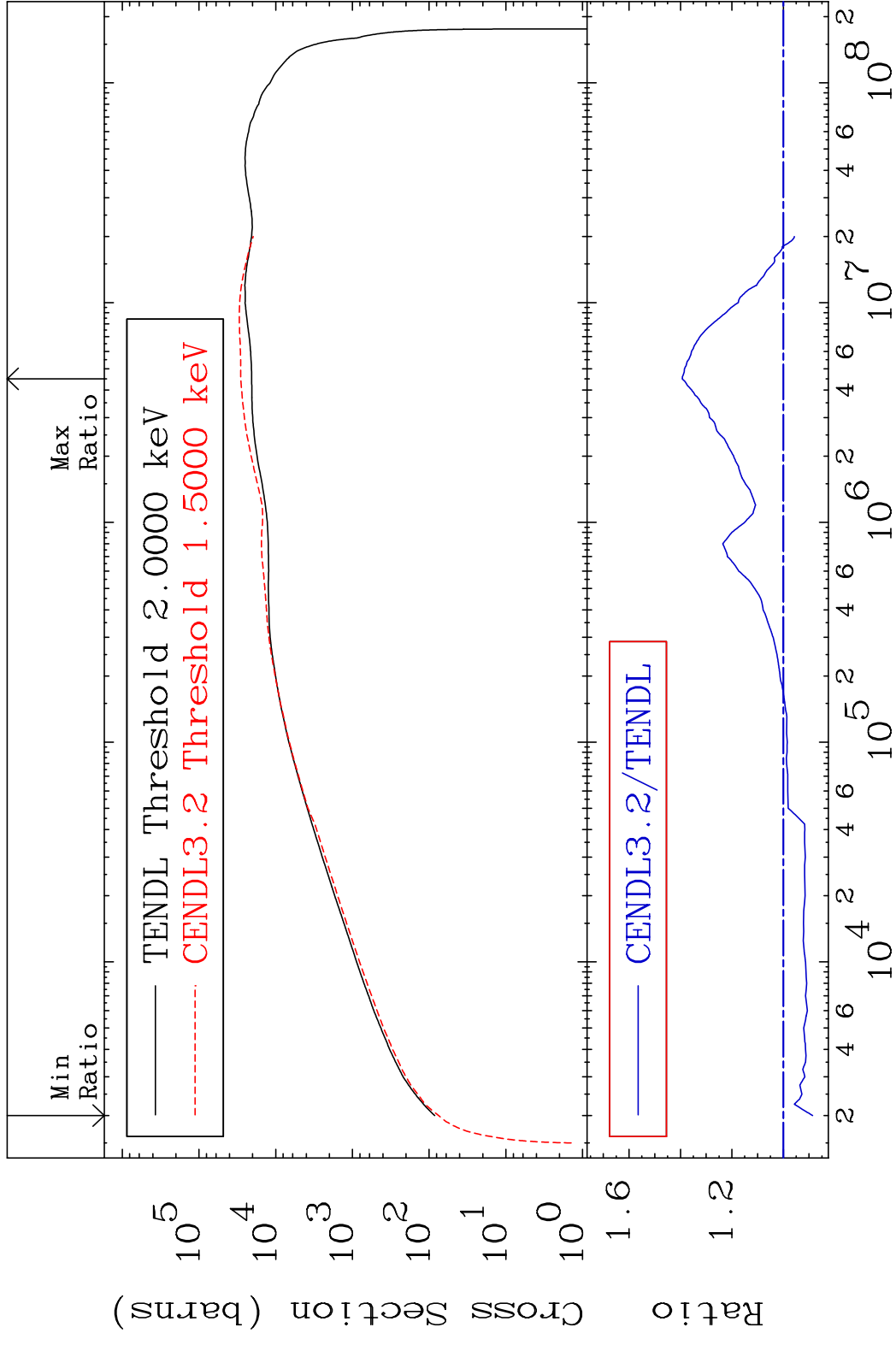


MAT 9549

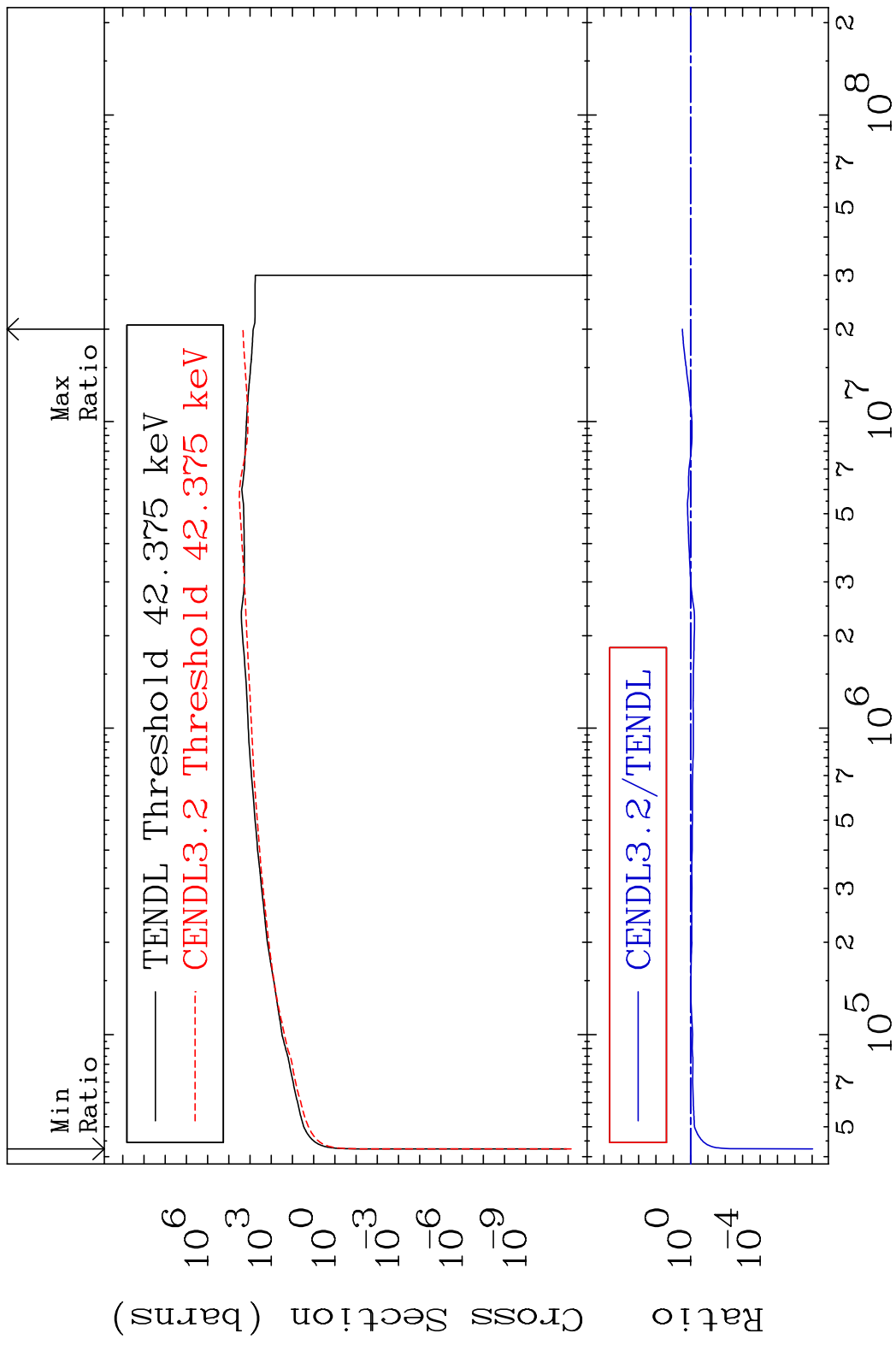
Dpa elastic (mt2)

95-Am-243

Cross Section -11.37 To 39.27 %

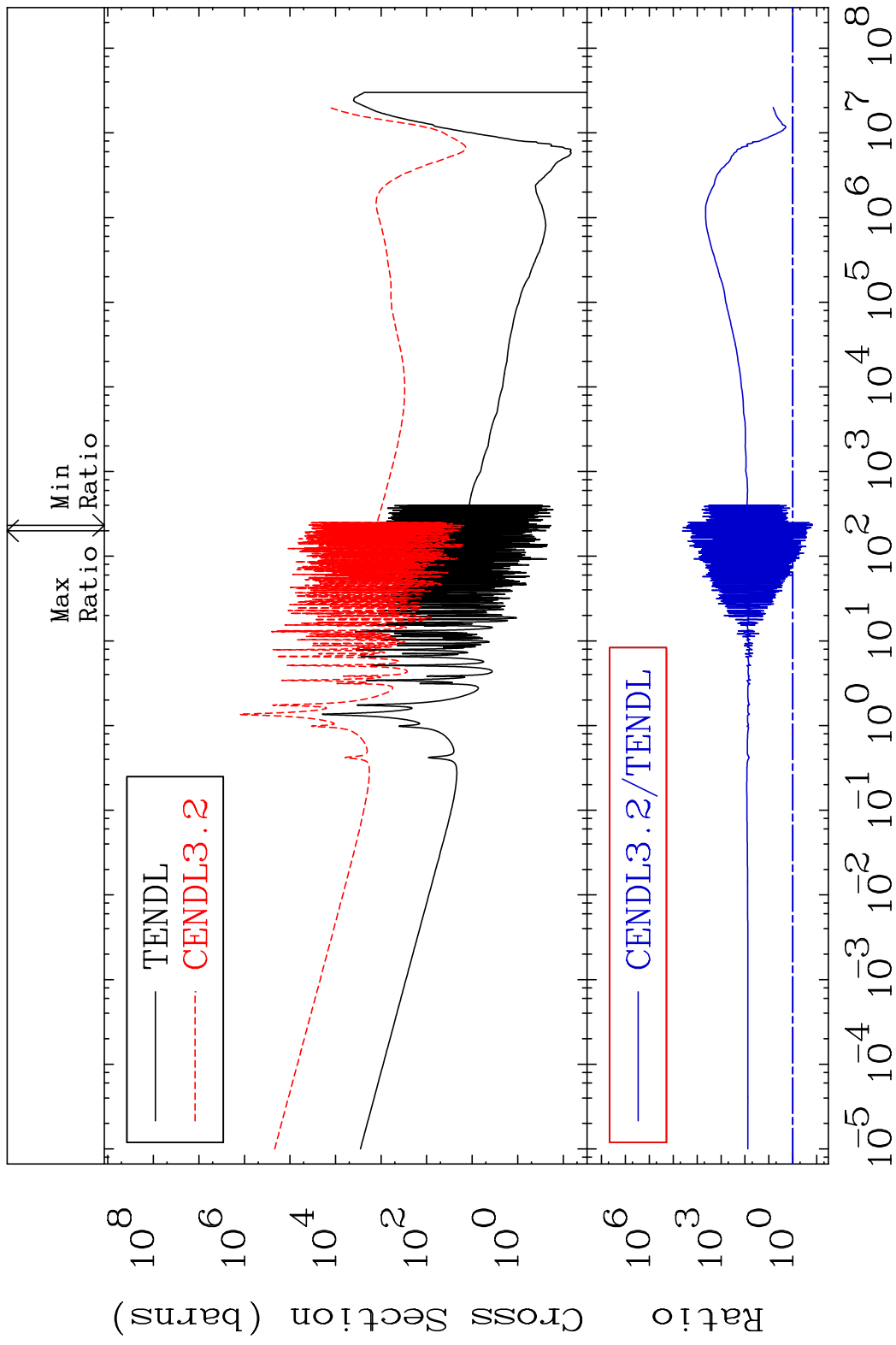


MAT 9549 Dpa inelastic (mt51-91) 95-Am-243  
 Cross Section -100.0 To 199.8 %





MAT 9549 Dpa disappearance (mt102 -120) 95-Am-243  
 Cross Section -84.99 To 9999. %



40 Incident Energy (eV) 95-Am-243