

Program Complot  
(Version 2021-1)

by

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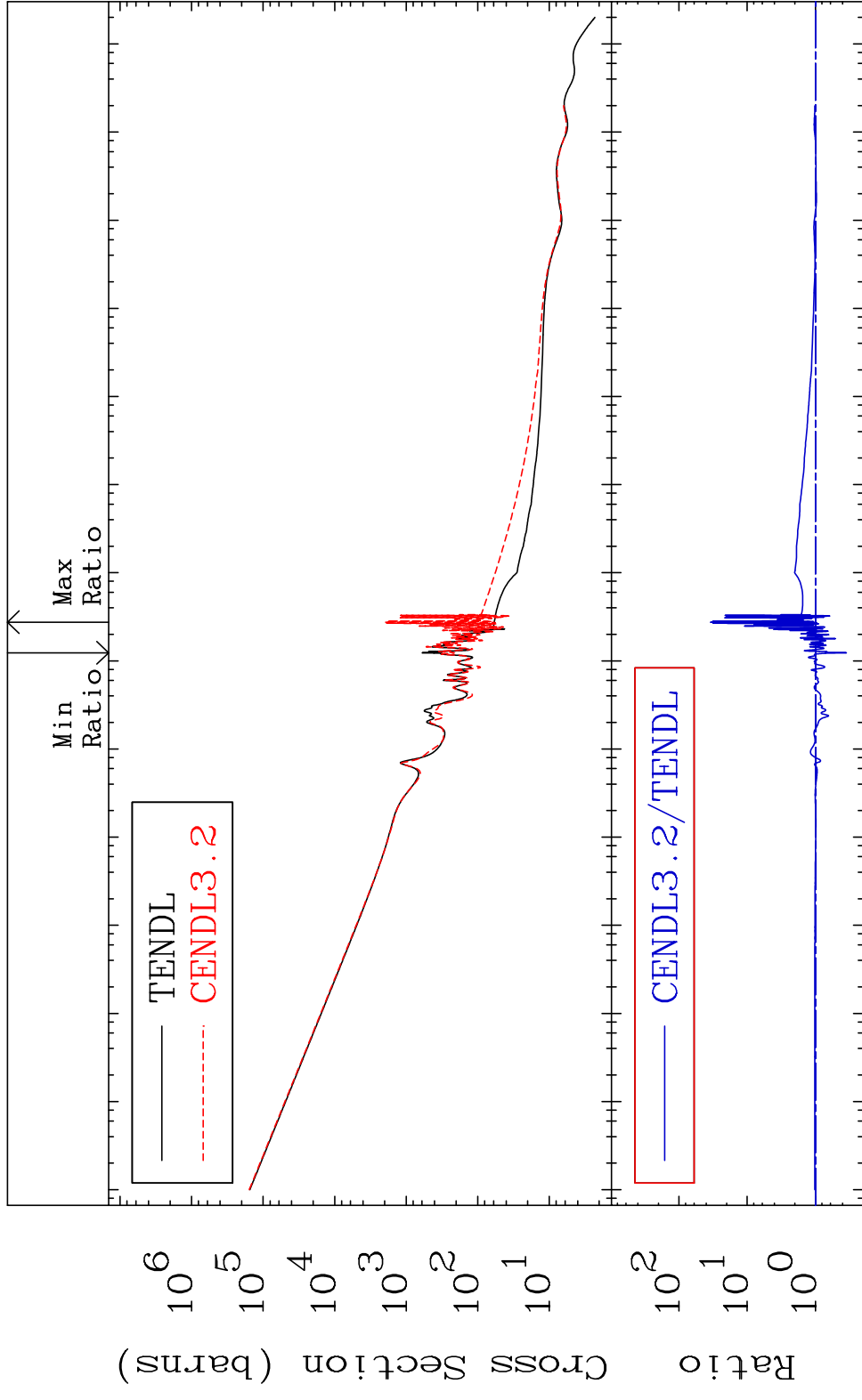
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9343

Total  
Cross Section -64.80 To 3326. %

93-Np-236

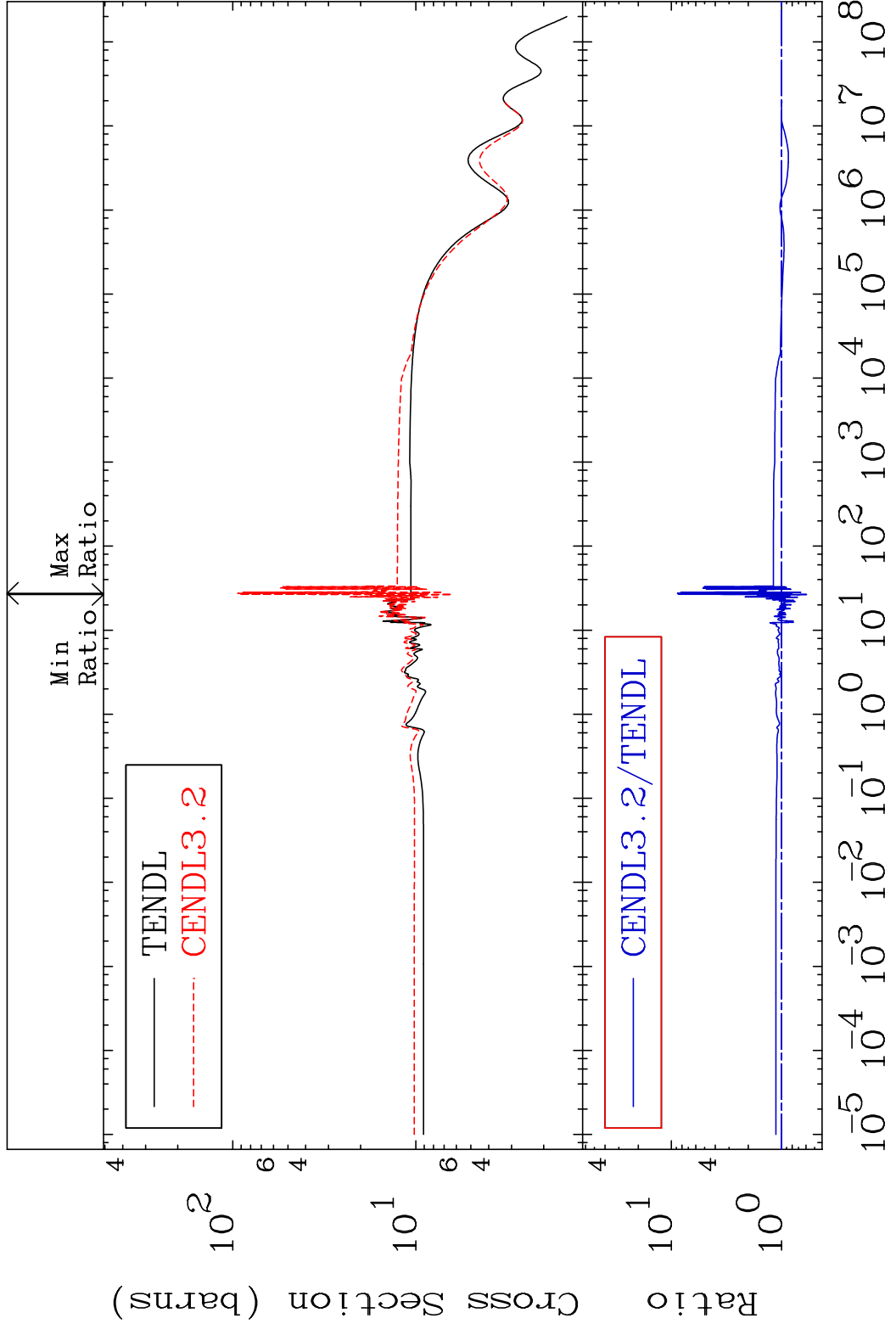


1 Incident Energy (eV) 93-Np-236

MAT 9343

Elastic Cross Section -40.57 To 785.3 %

93-Np-236

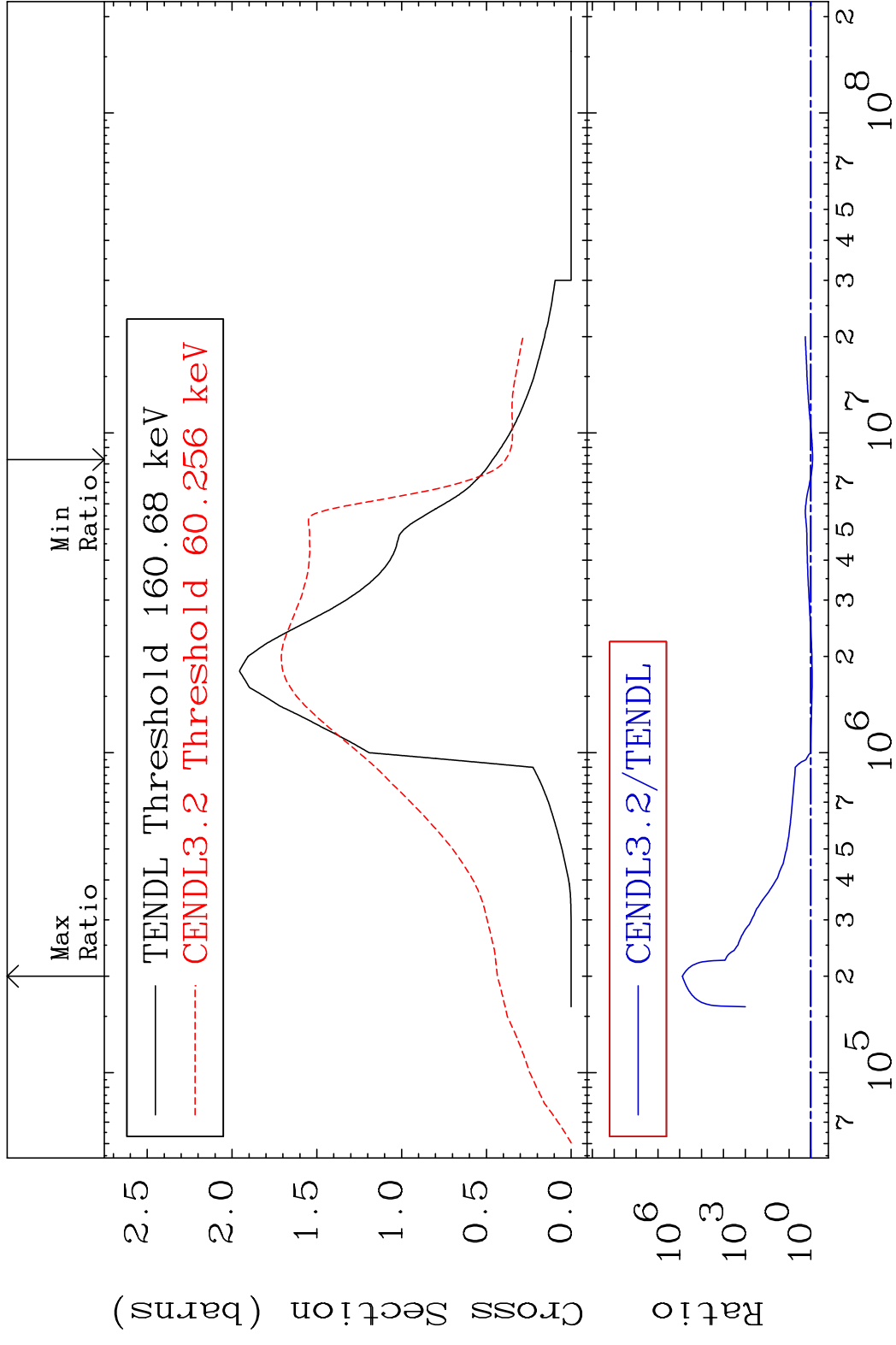


MAT 9343

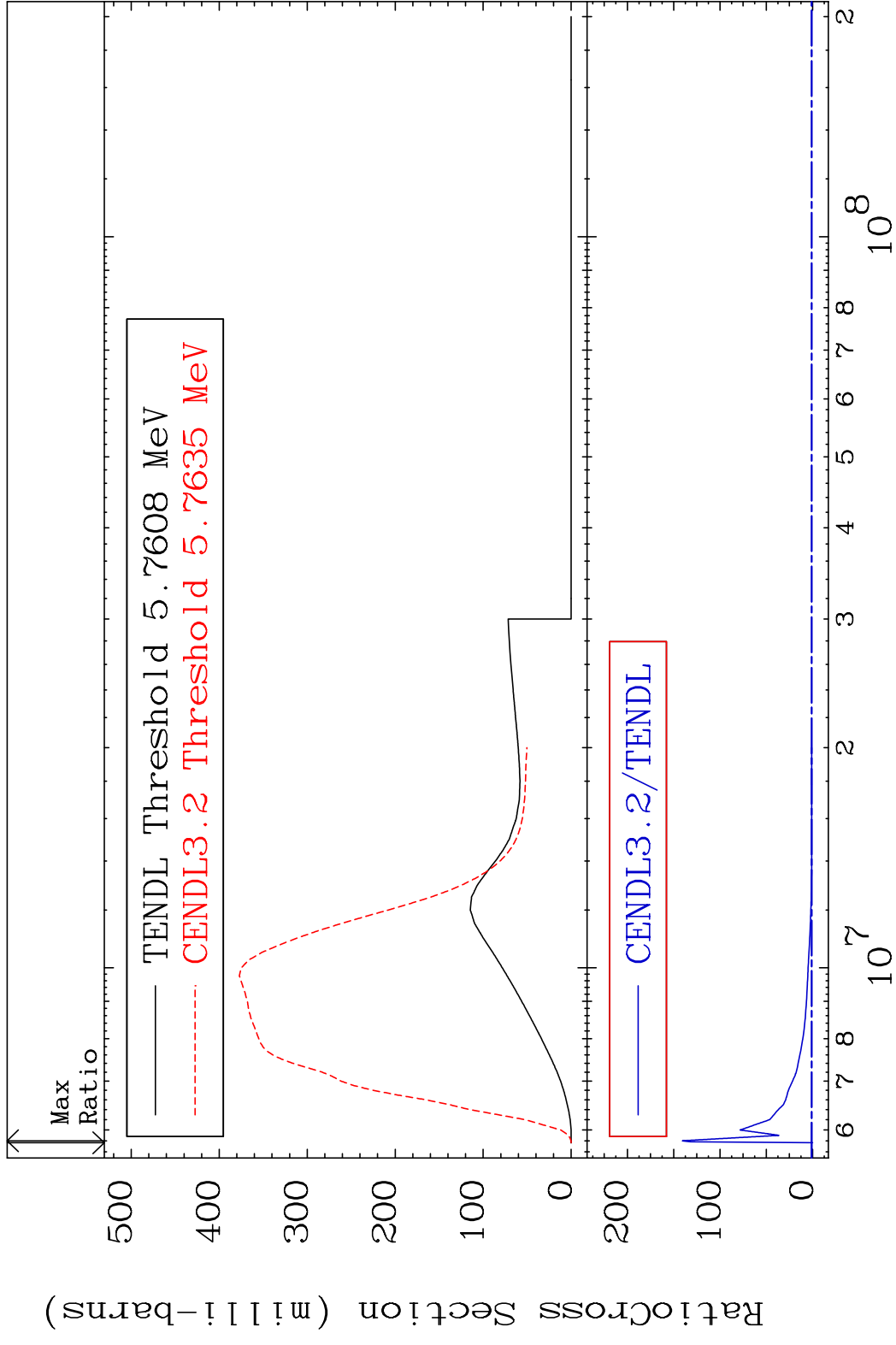
Inelastic

93-Np-236

Cross Section -16.36 To 9999. %

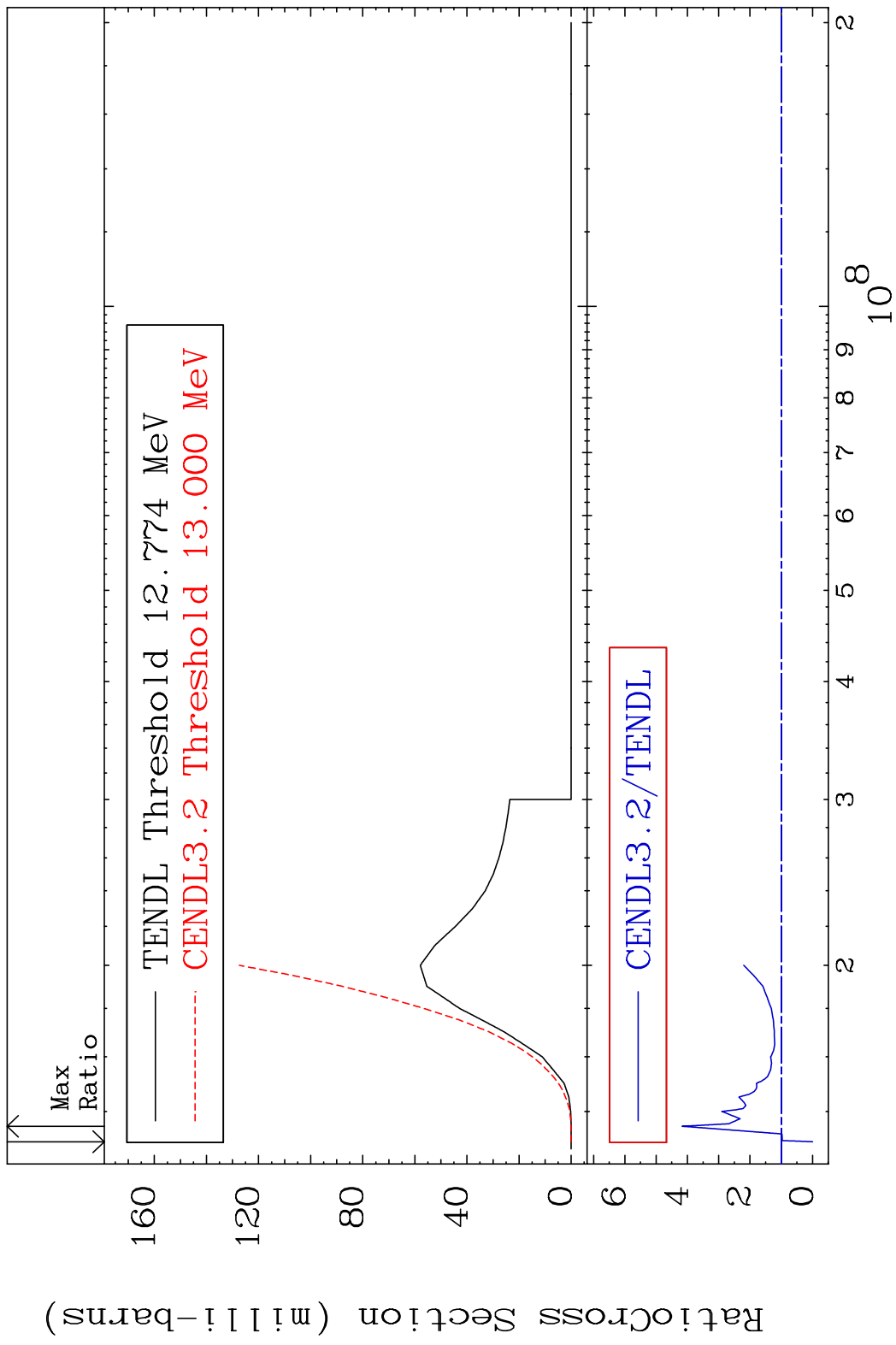


MAT 9343 (n,2n) 93-Np-236  
 Cross Section -100.0 To 9999. %



4 Incident Energy (eV) 93-Np-236

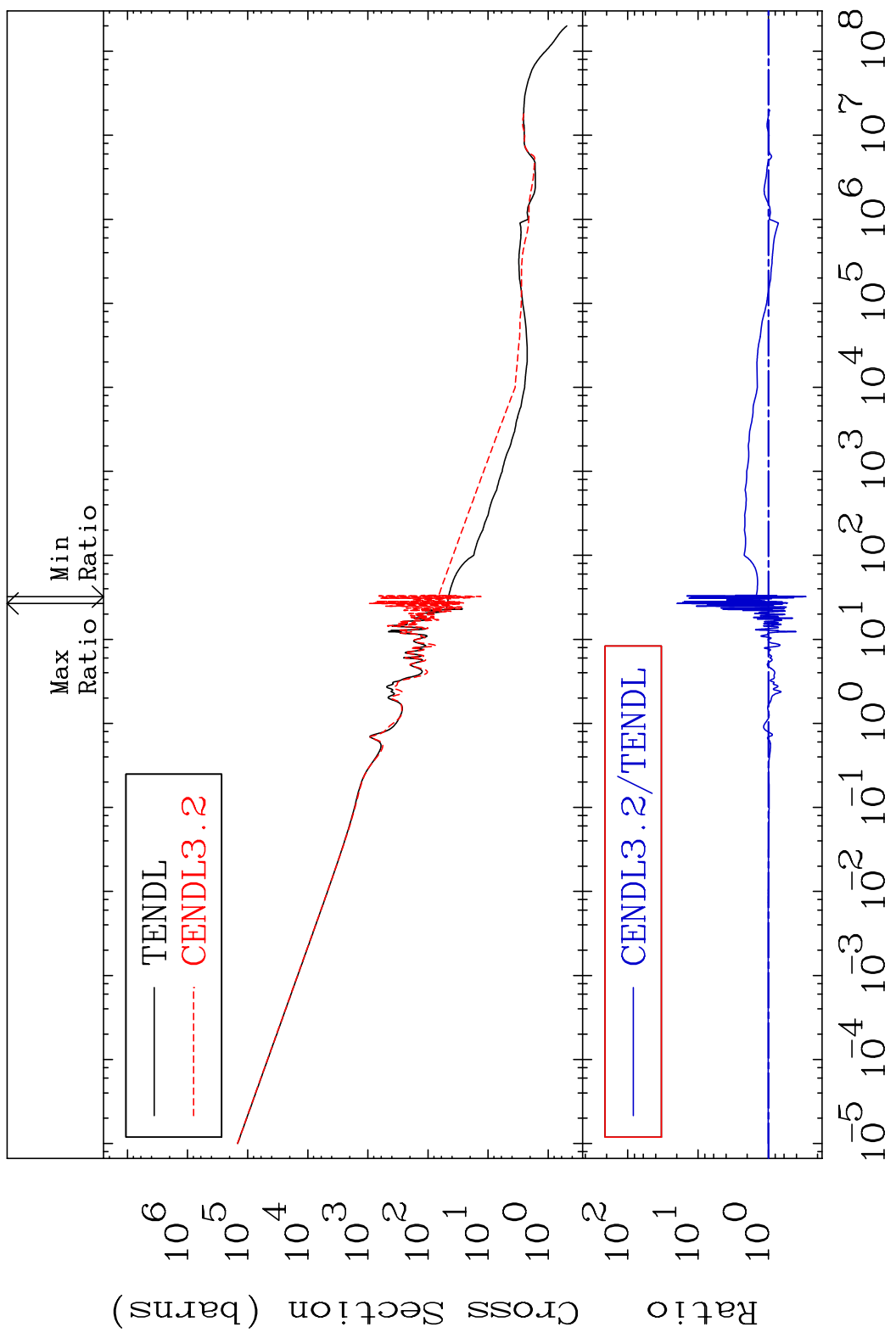
MAT 9343 (n,3n) <sup>93</sup>Np-236  
 Cross Section -100.0 To 316.2 %



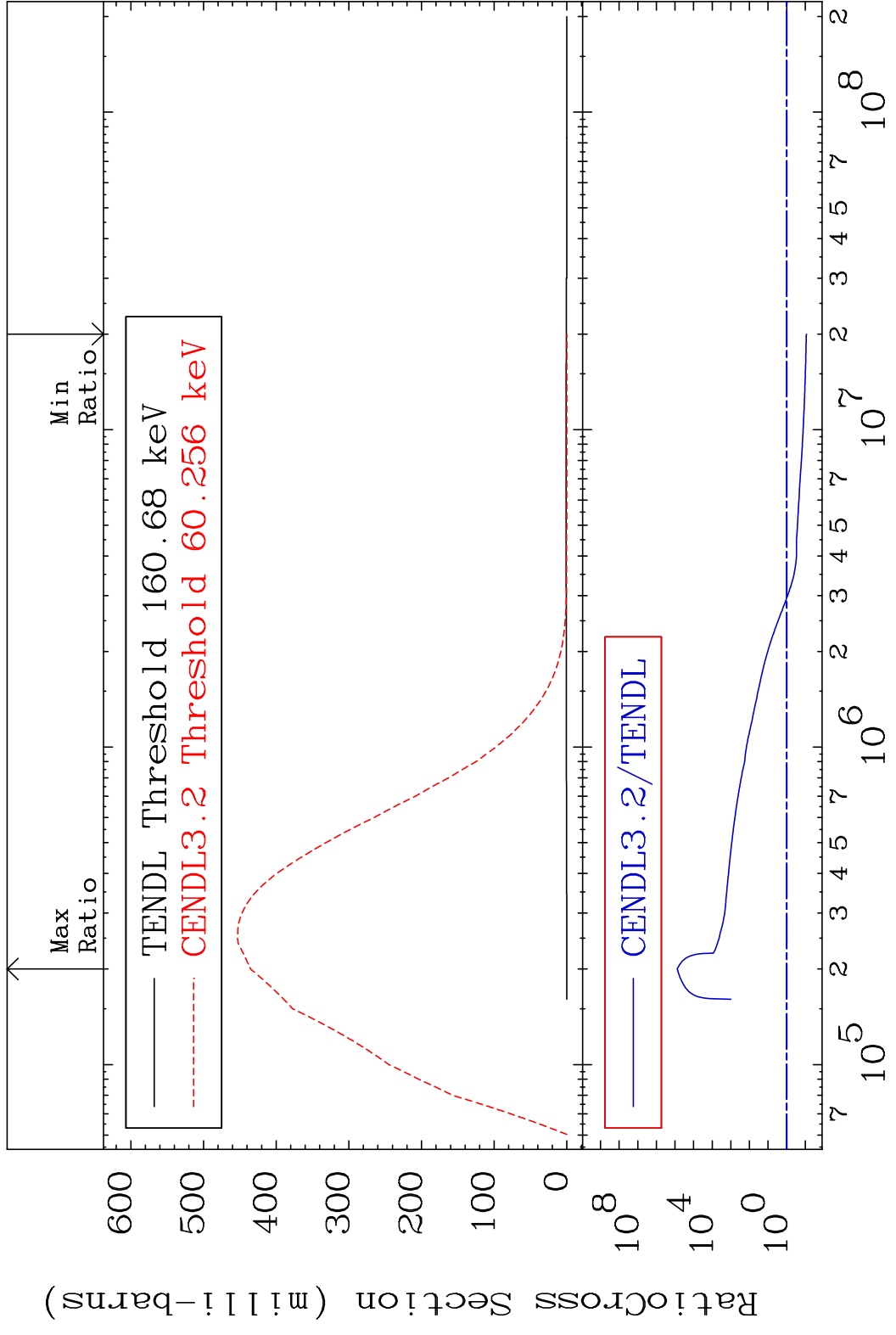
5 5 Incident Energy (eV) <sup>93</sup>Np-236

MAT 9343

Fission  
Cross Section -71.15 To 1880. %



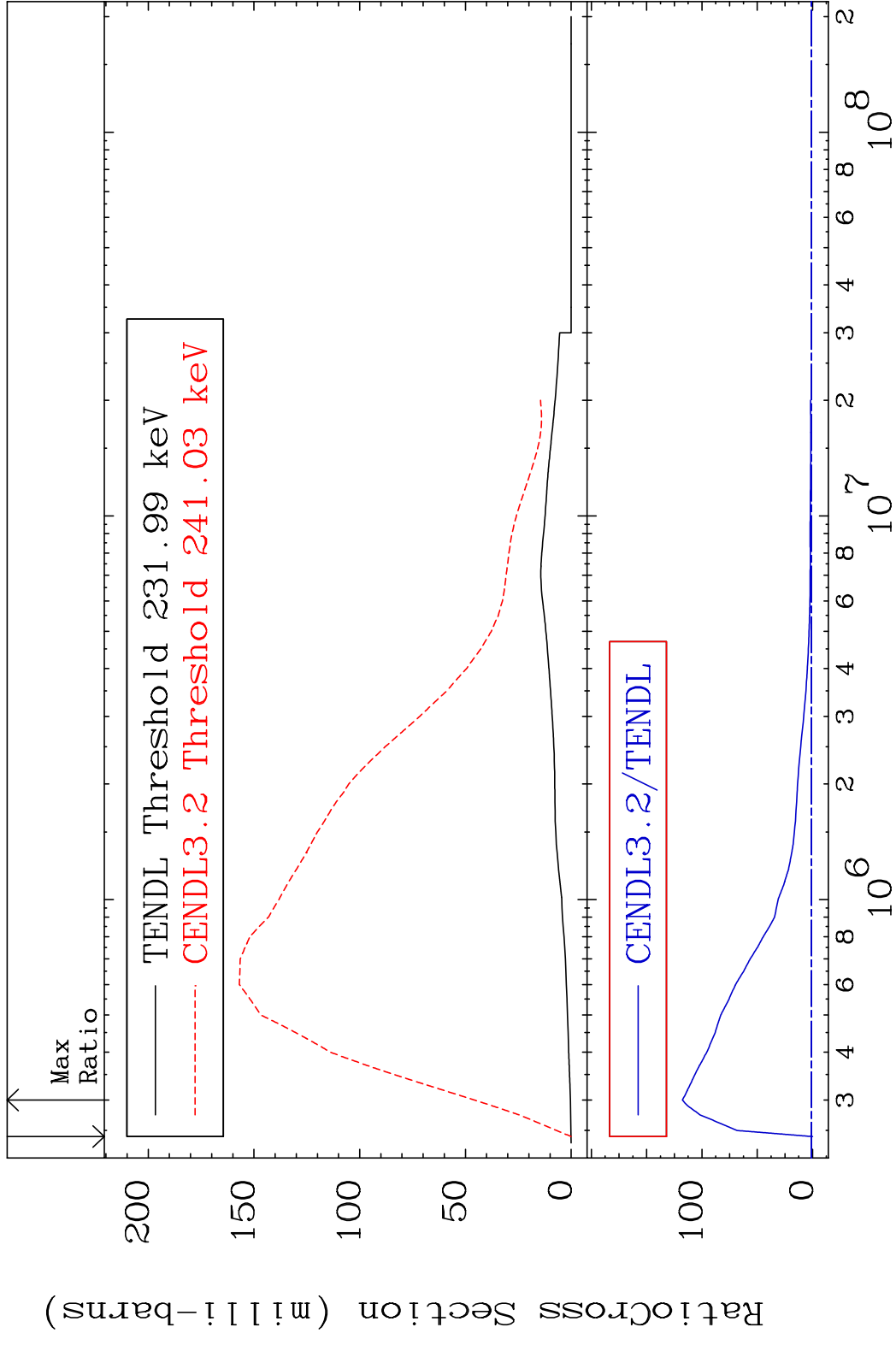
MAT 9343 MT= 51 (n, n') Level 93-Np-236  
 Cross Section -91.24 To 9999. %



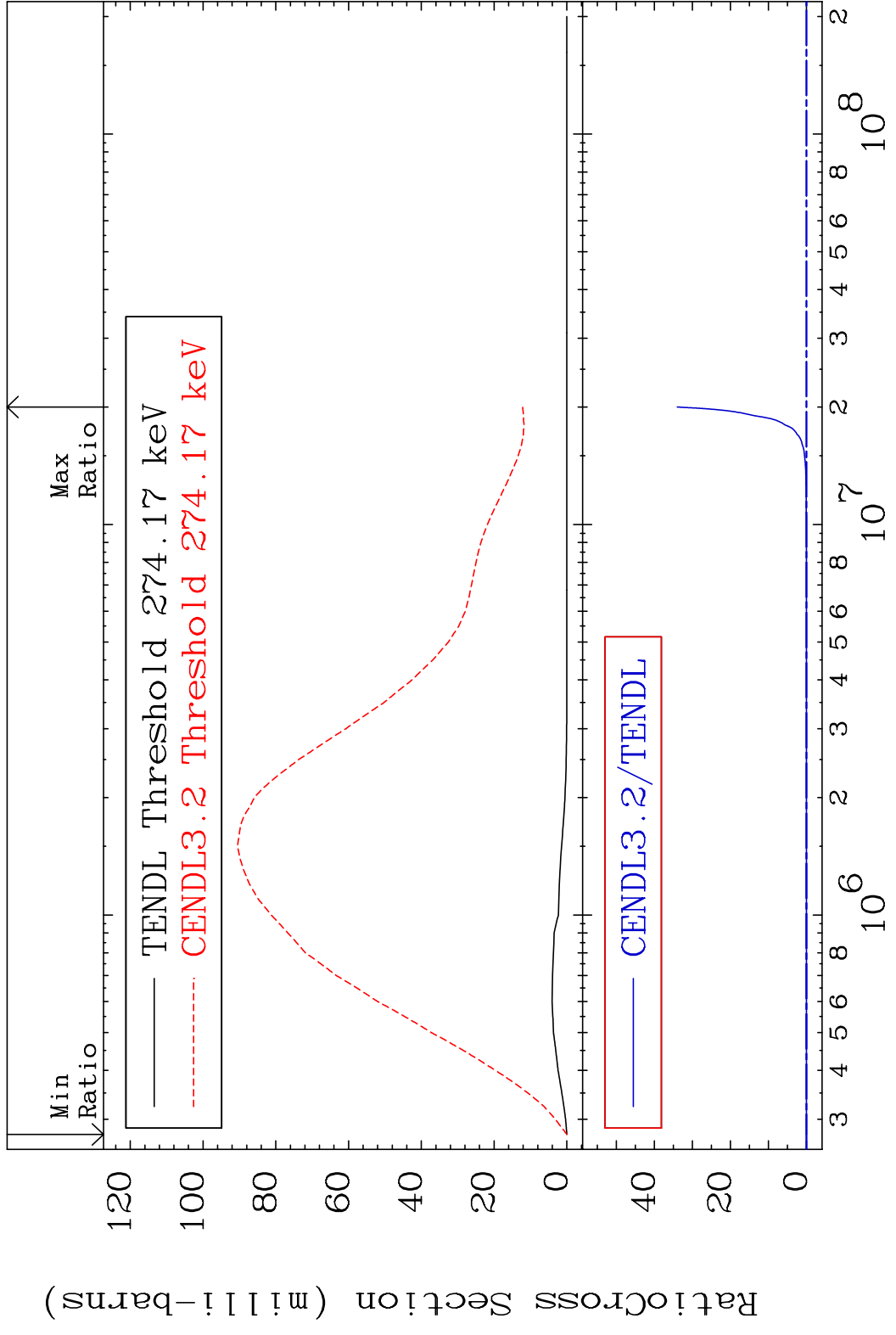
7 7 93-Np-236



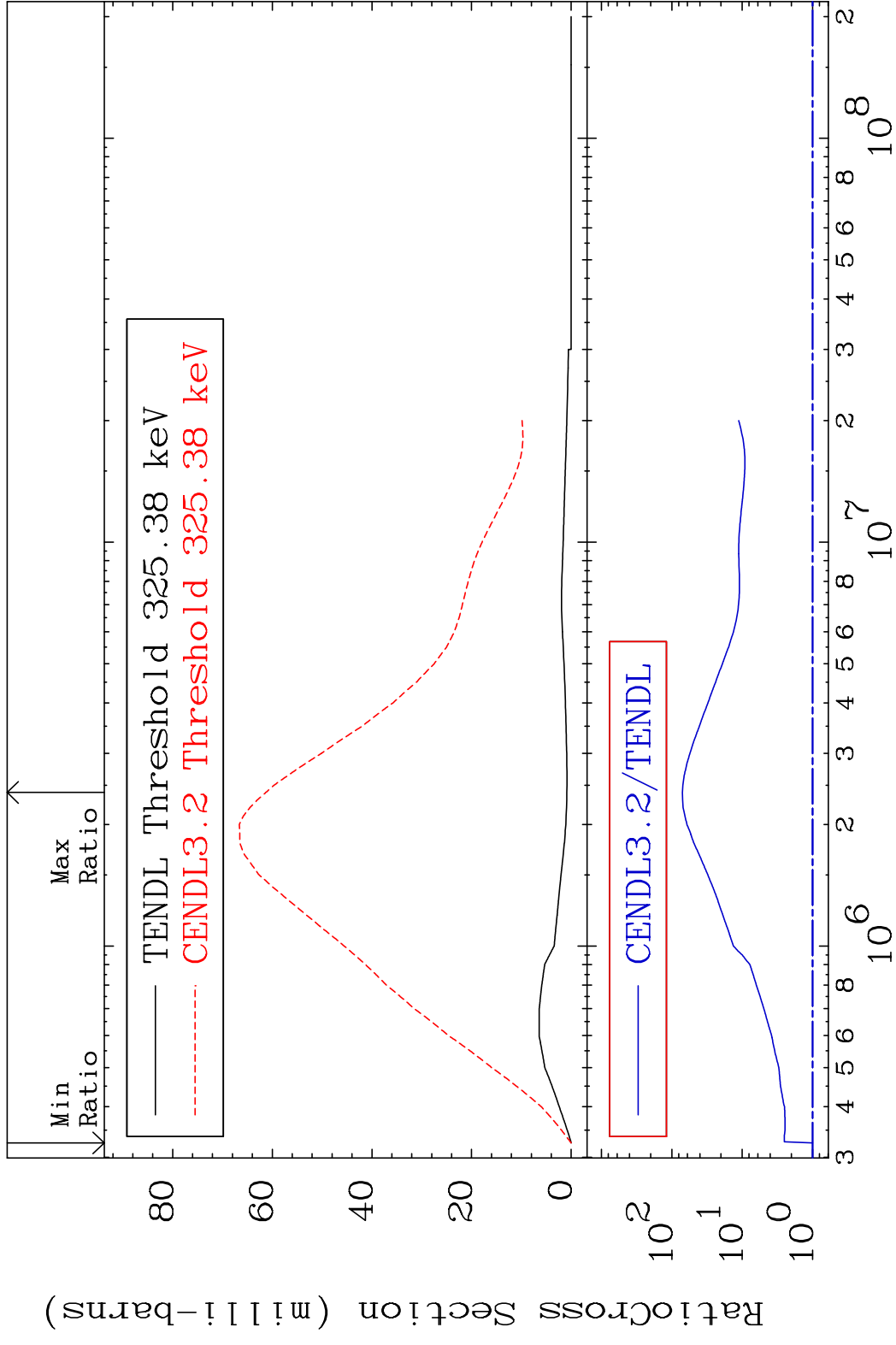
MAT 9343 MT= 52 (n, n') Level 93-Np-236  
 Cross Section -100.0 To 9999. %



MAT 9343 MT= 53 (n, n') Level 93-Np-236  
 Cross Section -100.0 To 9999. %



MAT 9343 MT= 54 (n, n') Level 93-Np-236  
 Cross Section 0.000 To 6996. %



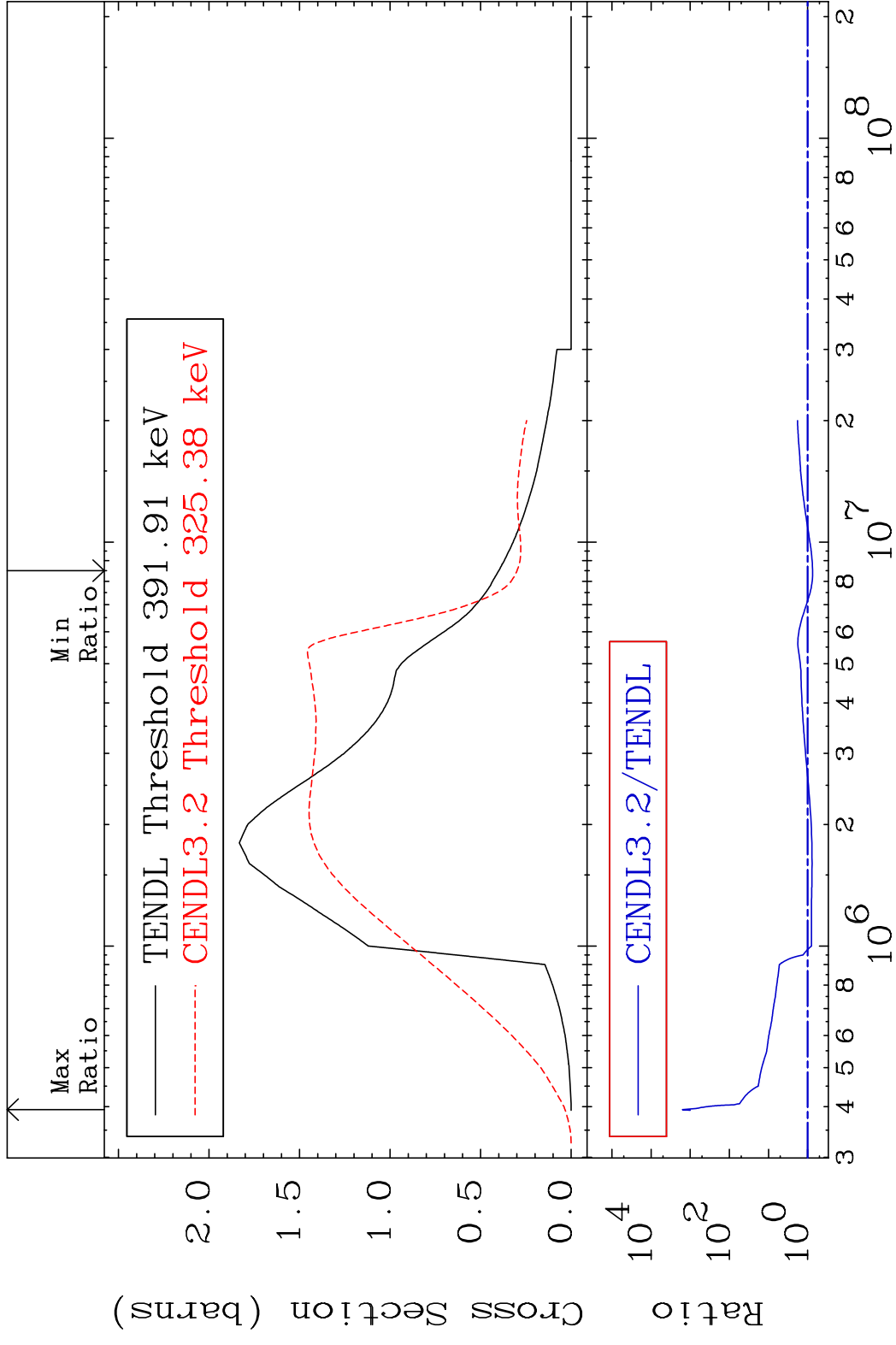
10 Incident Energy (eV) 93-Np-236

MAT 9343

(n, n') Continuum

93-Np-236

Cross Section -25.20 To 9999. %

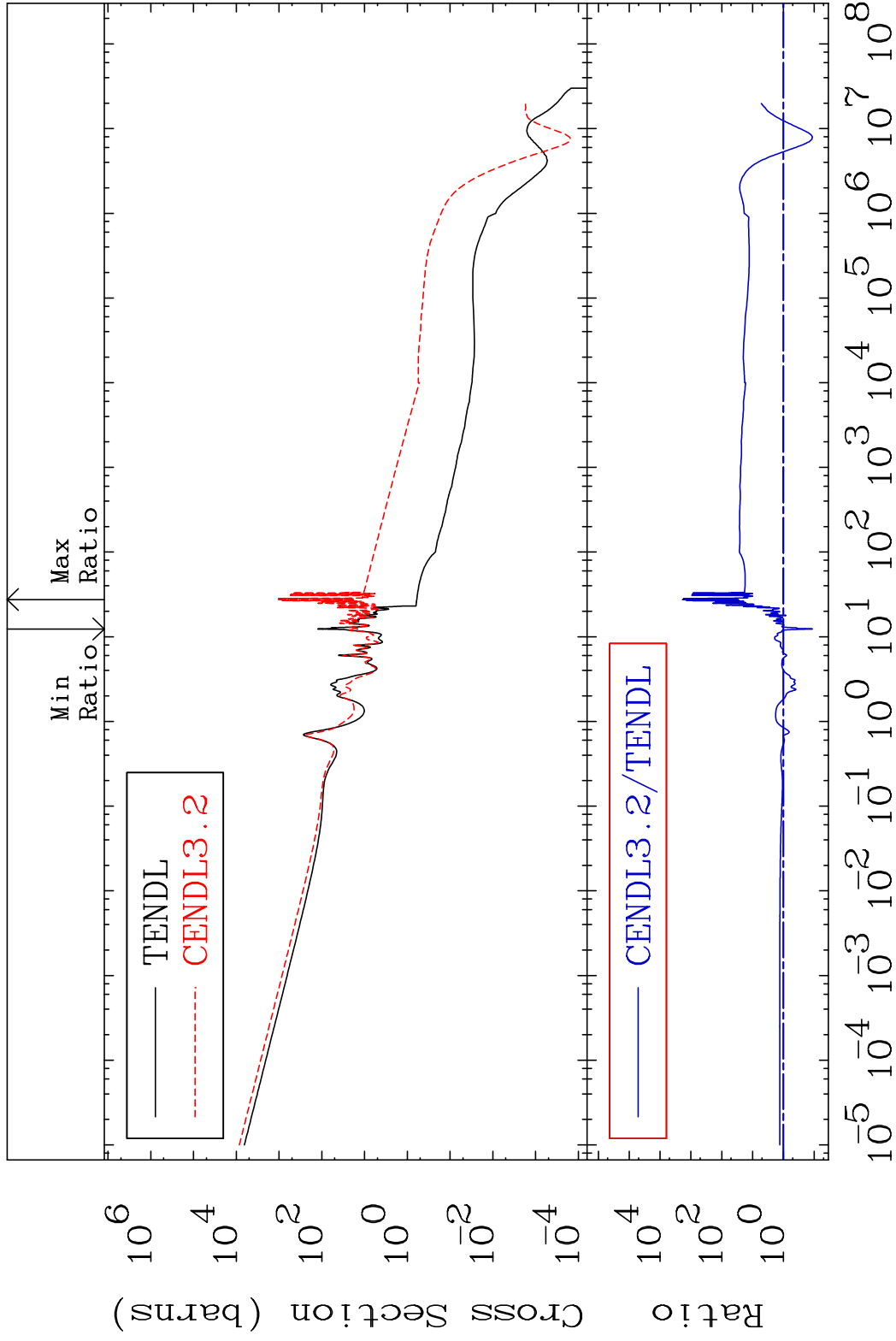


MAT 9343

(n,  $\gamma$ )

93-Np-236

Cross Section -88.60 To 9999. %



12

Incident Energy (eV)

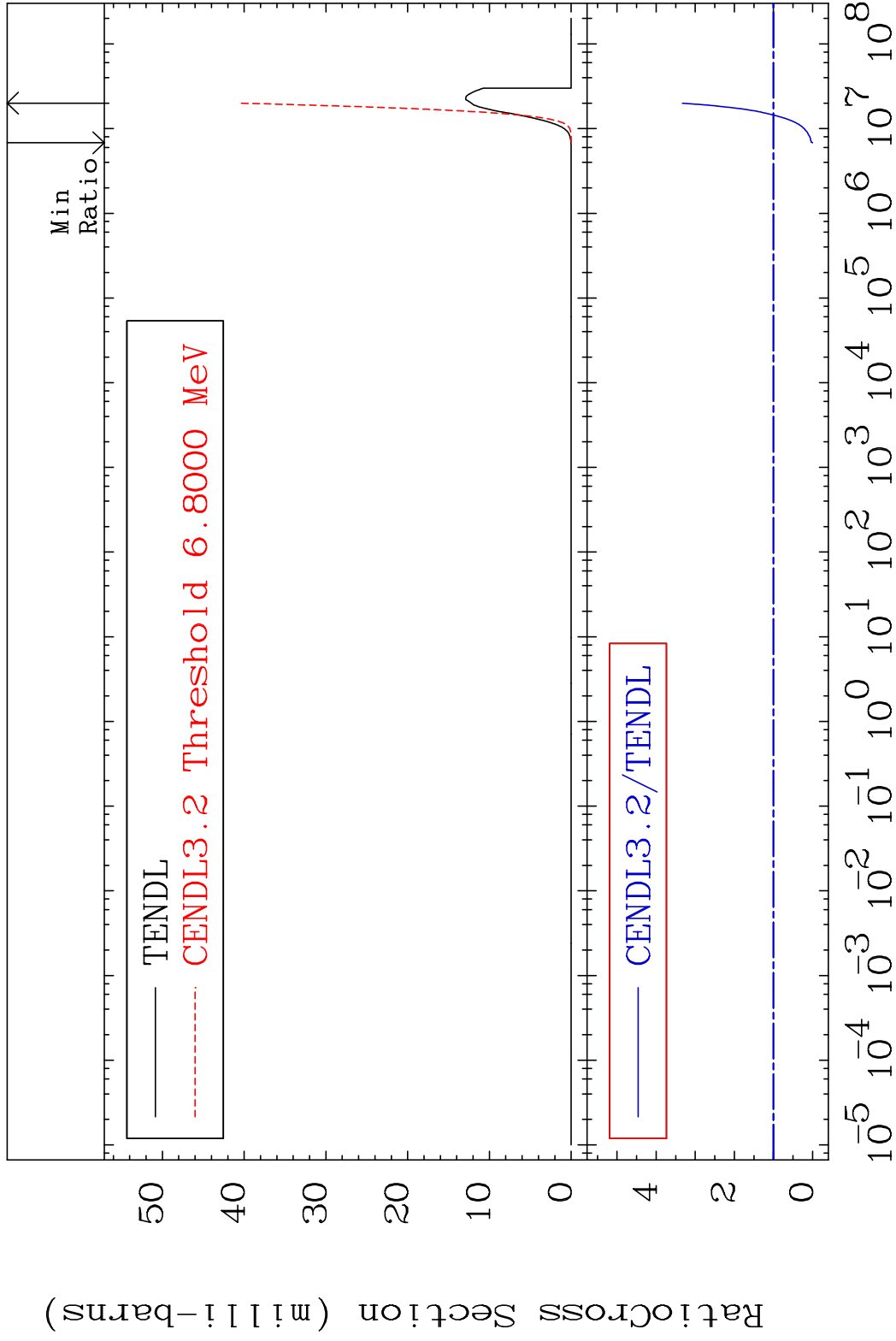
93-Np-236

MAT 9343

(n, p)

93-Np-236

Cross Section -100.0 To 232.9 %



13

Incident Energy (eV)

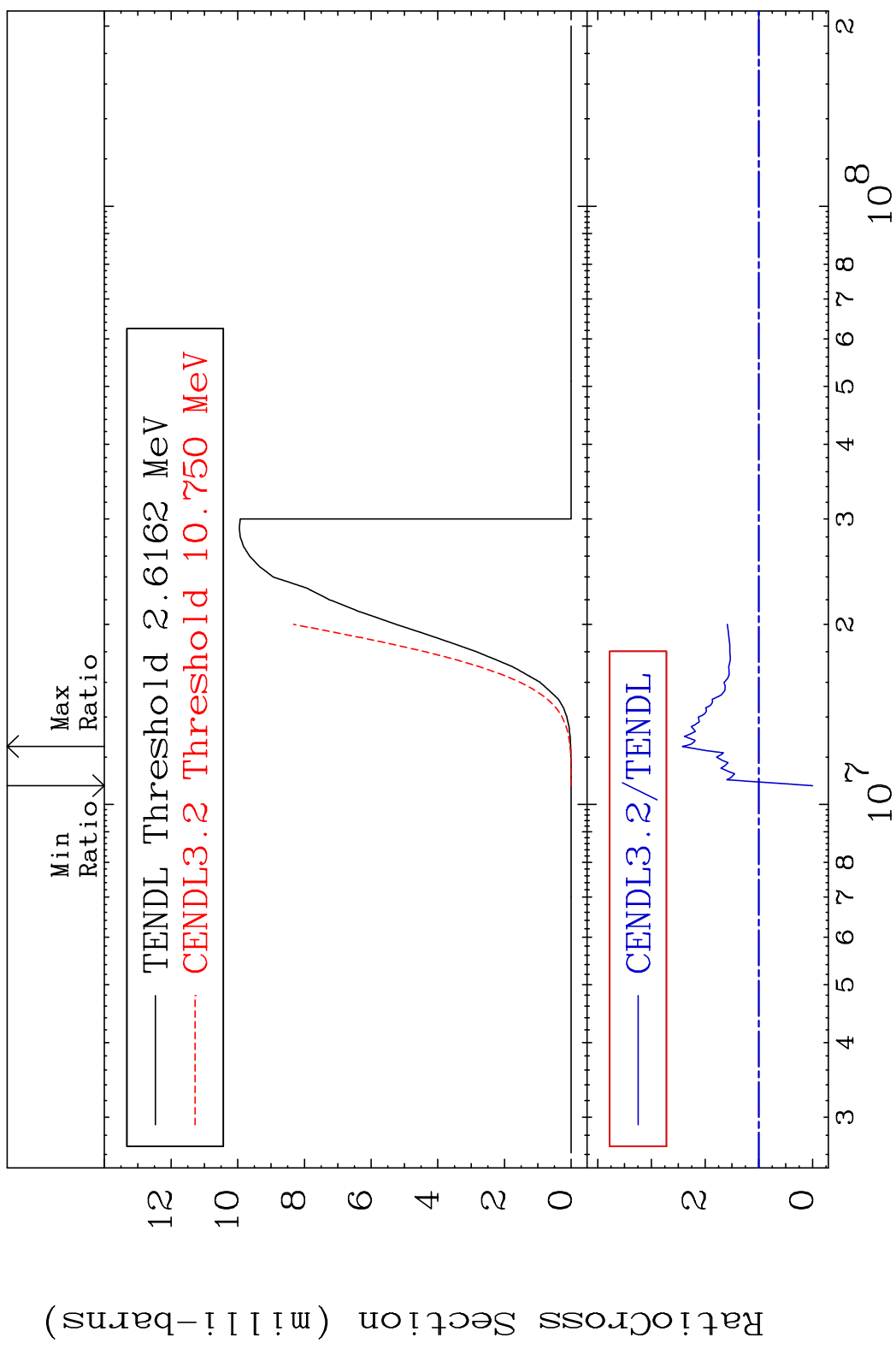
93-Np-236

MAT 9343

(n, d)

93-Np-236

Cross Section -100.0 To 142.4 %



14

Incident Energy (eV)

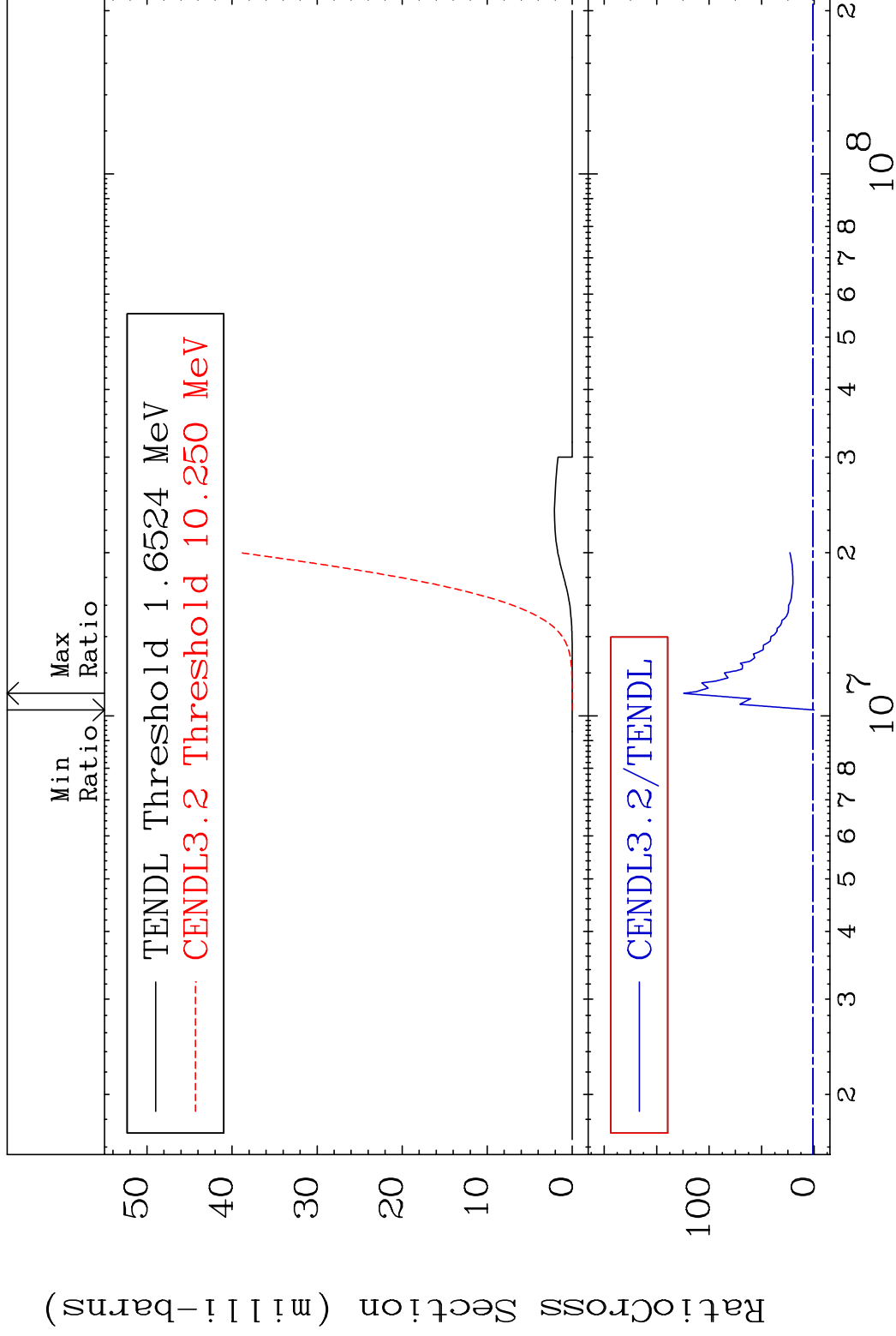
93-Np-236

MAT 9343

(n, t)

93-Np-236

Cross Section -100.0 To 9999. %



15

Incident Energy (eV)

93-Np-236

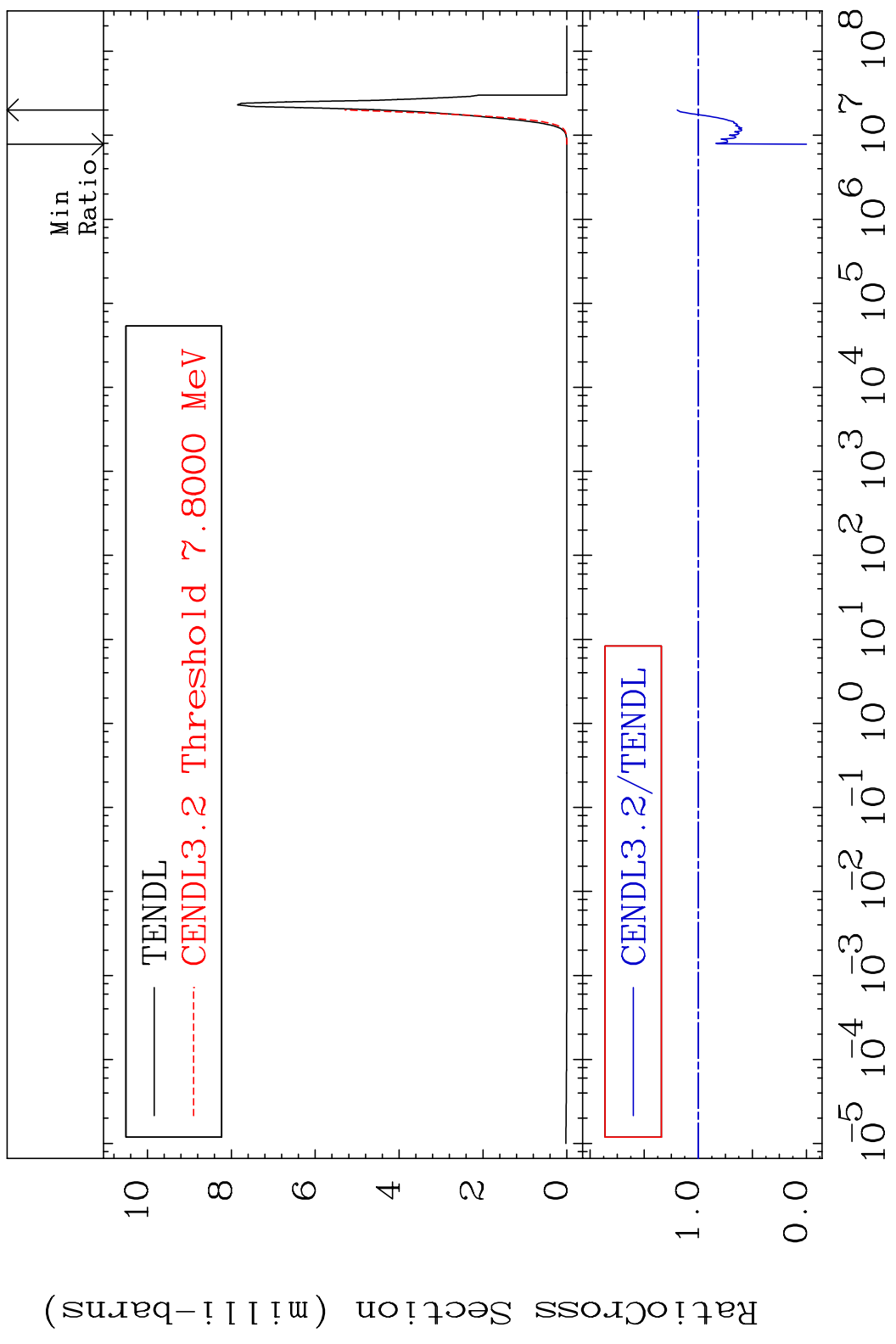


MAT 9343

(n,  $\alpha$ )

93-Np-236

Cross Section -100.0 To 19.53 %



16

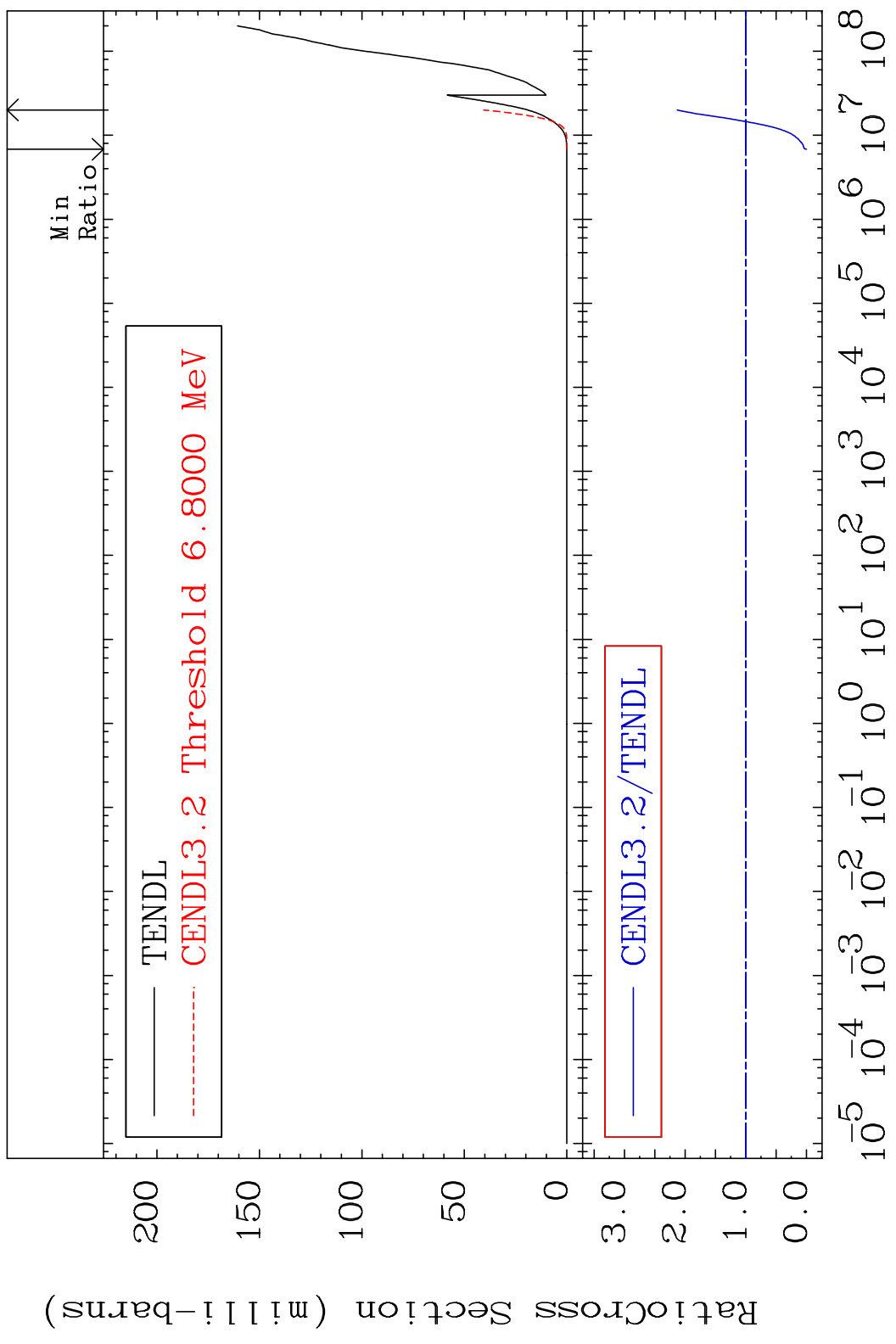
Incident Energy (eV)

93-Np-236

MAT 9343

Hydrogen Production  
Cross Section -100.0 To 113.2 %

93-Np-236



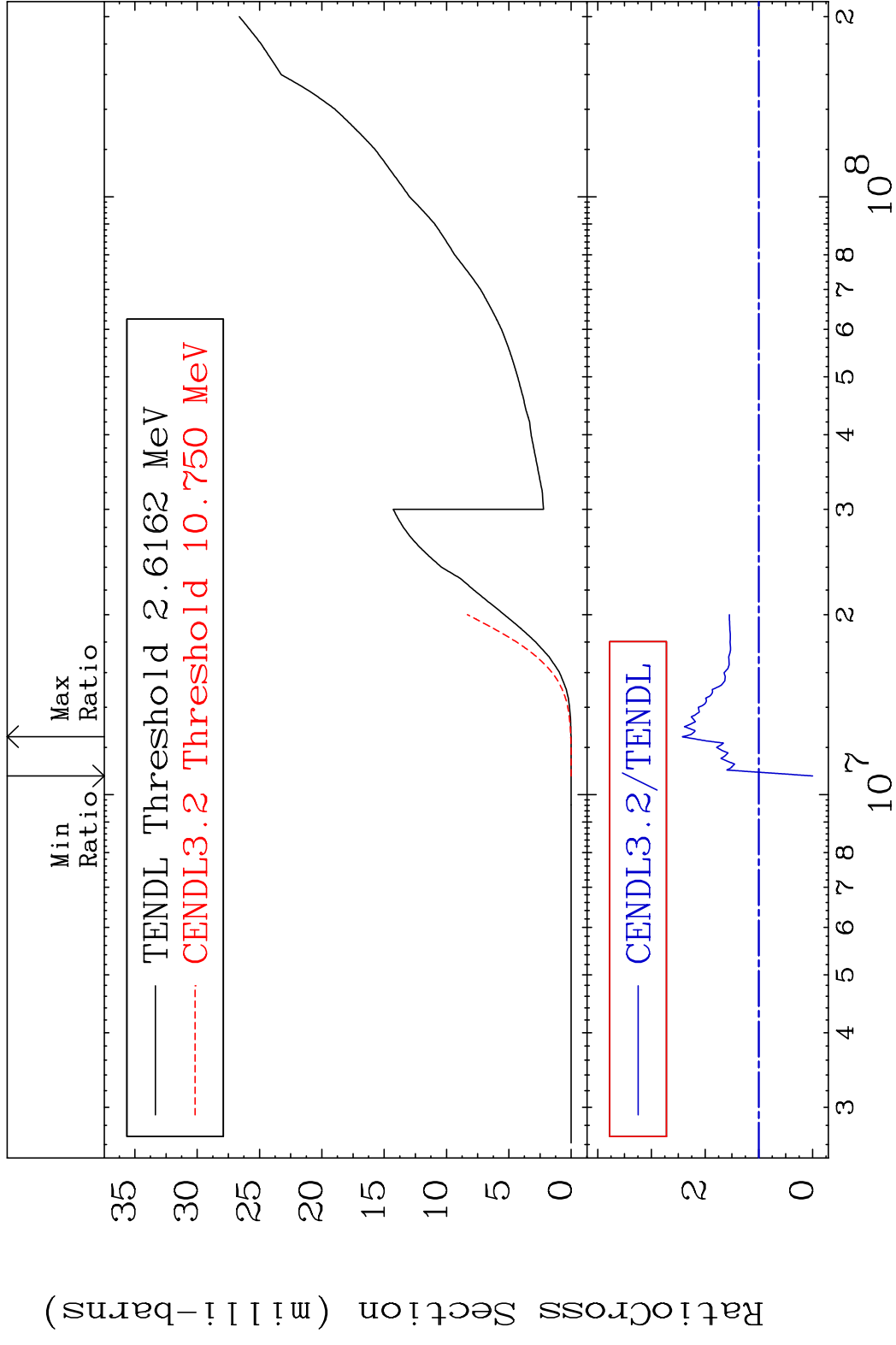
17

Incident Energy (eV)

93-Np-236

MAT 9343

Deuterium Production <sup>93</sup>Np-236  
Cross Section -100.0 To 142.4 %



18

Incident Energy (eV)

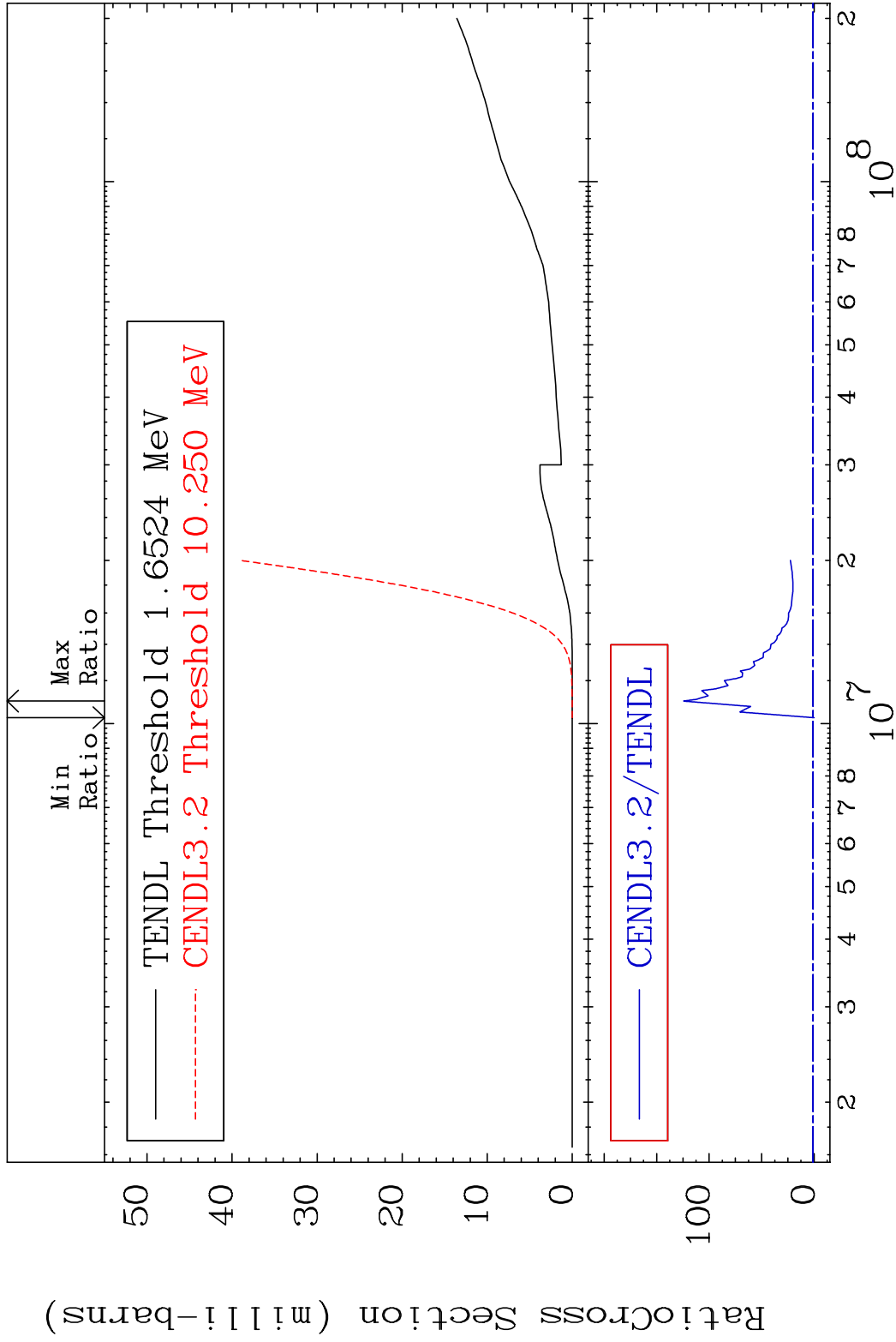
<sup>93</sup>Np-236

MAT 9343

Tritium Production

93-Np-236

Cross Section -100.0 To 9999. %

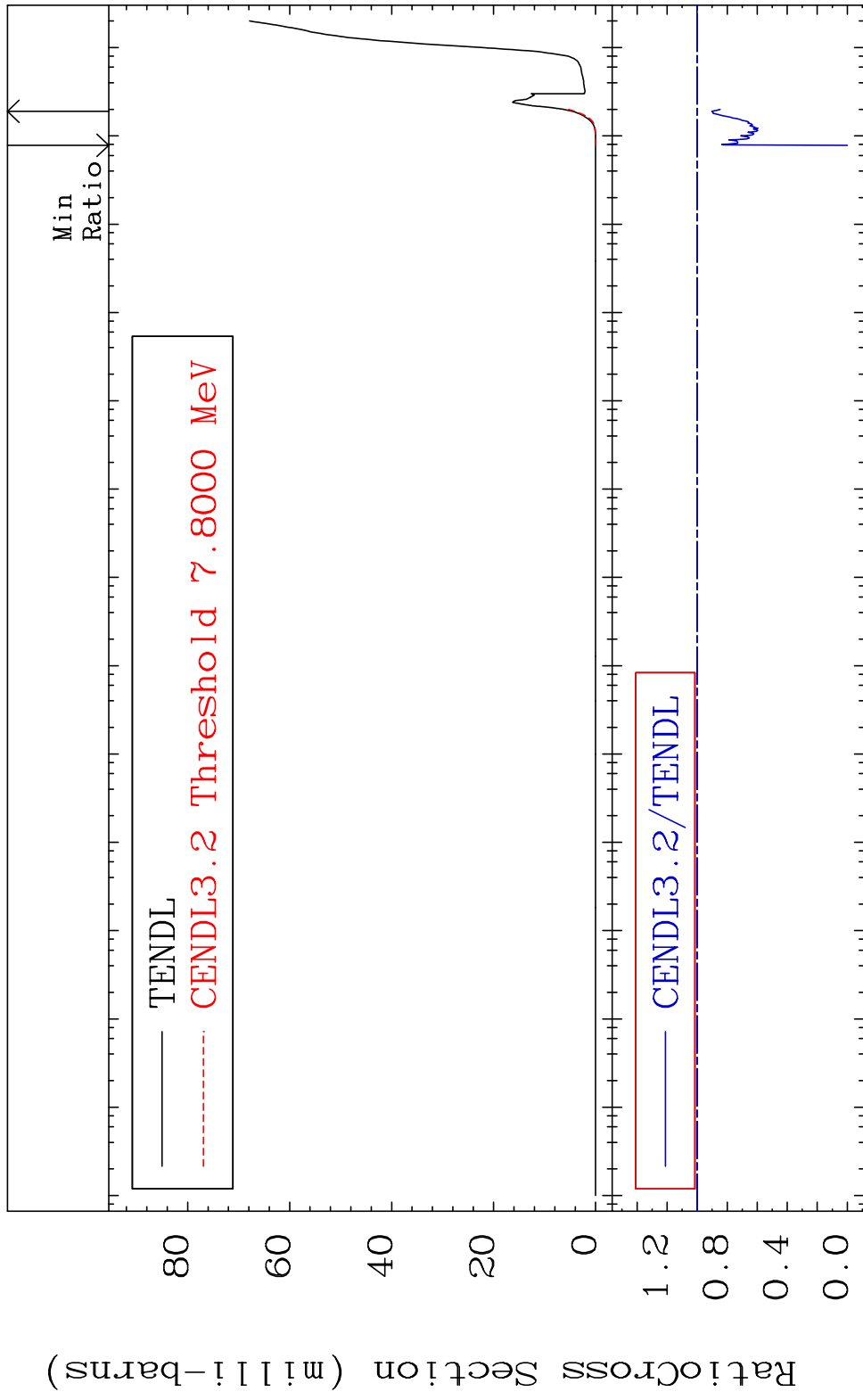


MAT 9343

He-4 Production

93-Np-236

Cross Section -100.0 To -9.595%



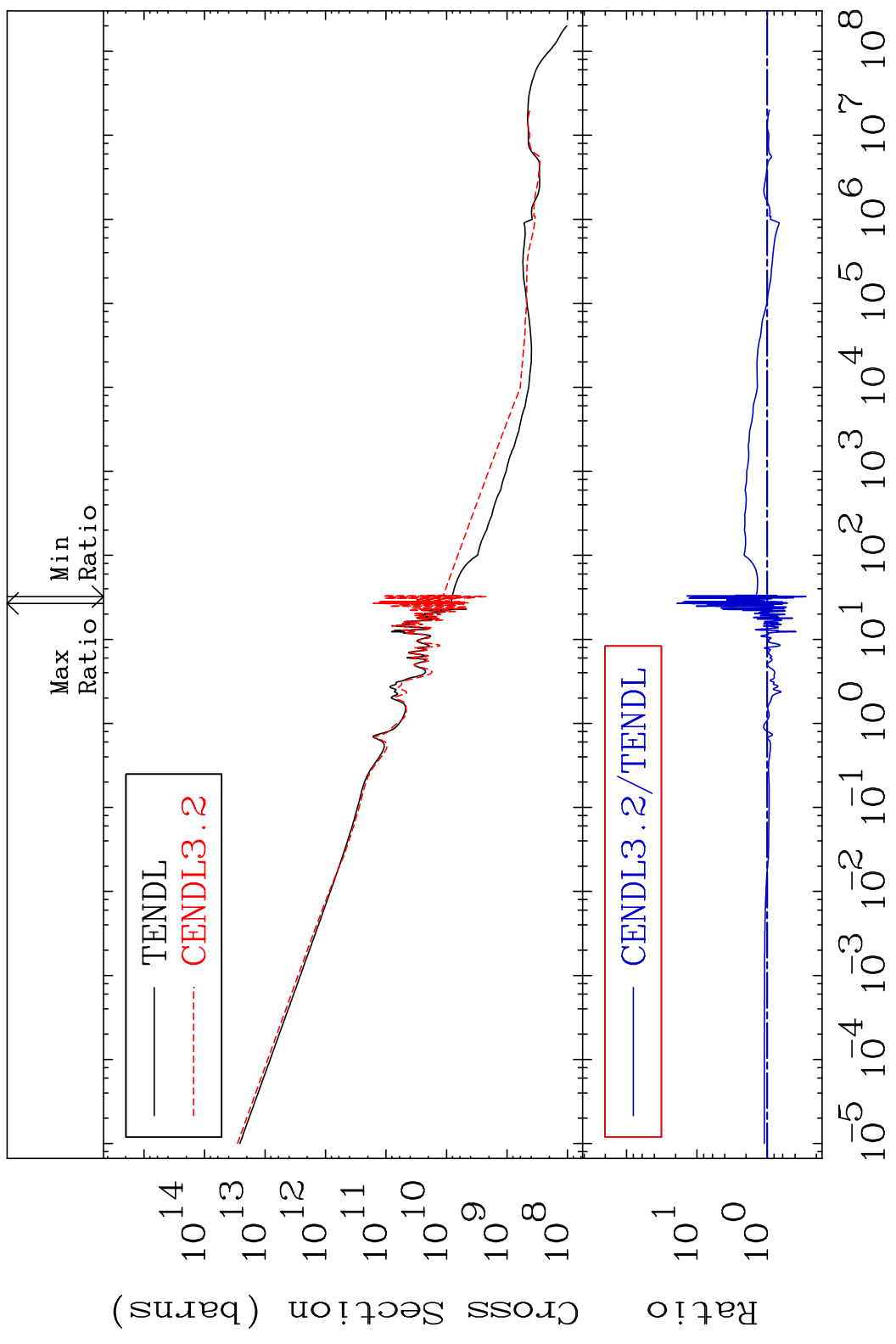
20

Incident Energy (eV)

93-Np-236

MAT 9343

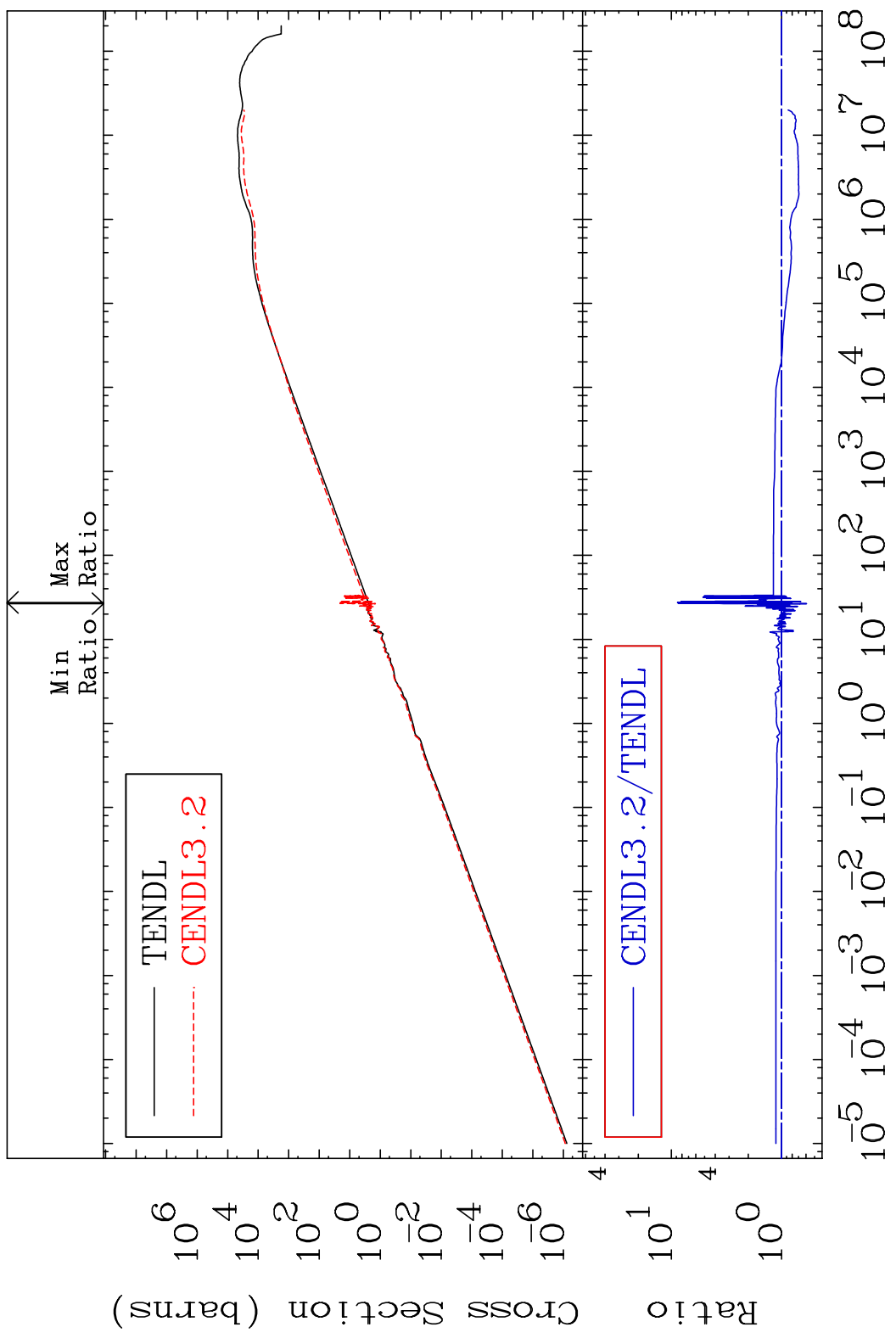
Kerma total (eV-barns) 93-Np-236  
Cross Section -72.29 To 1801. %



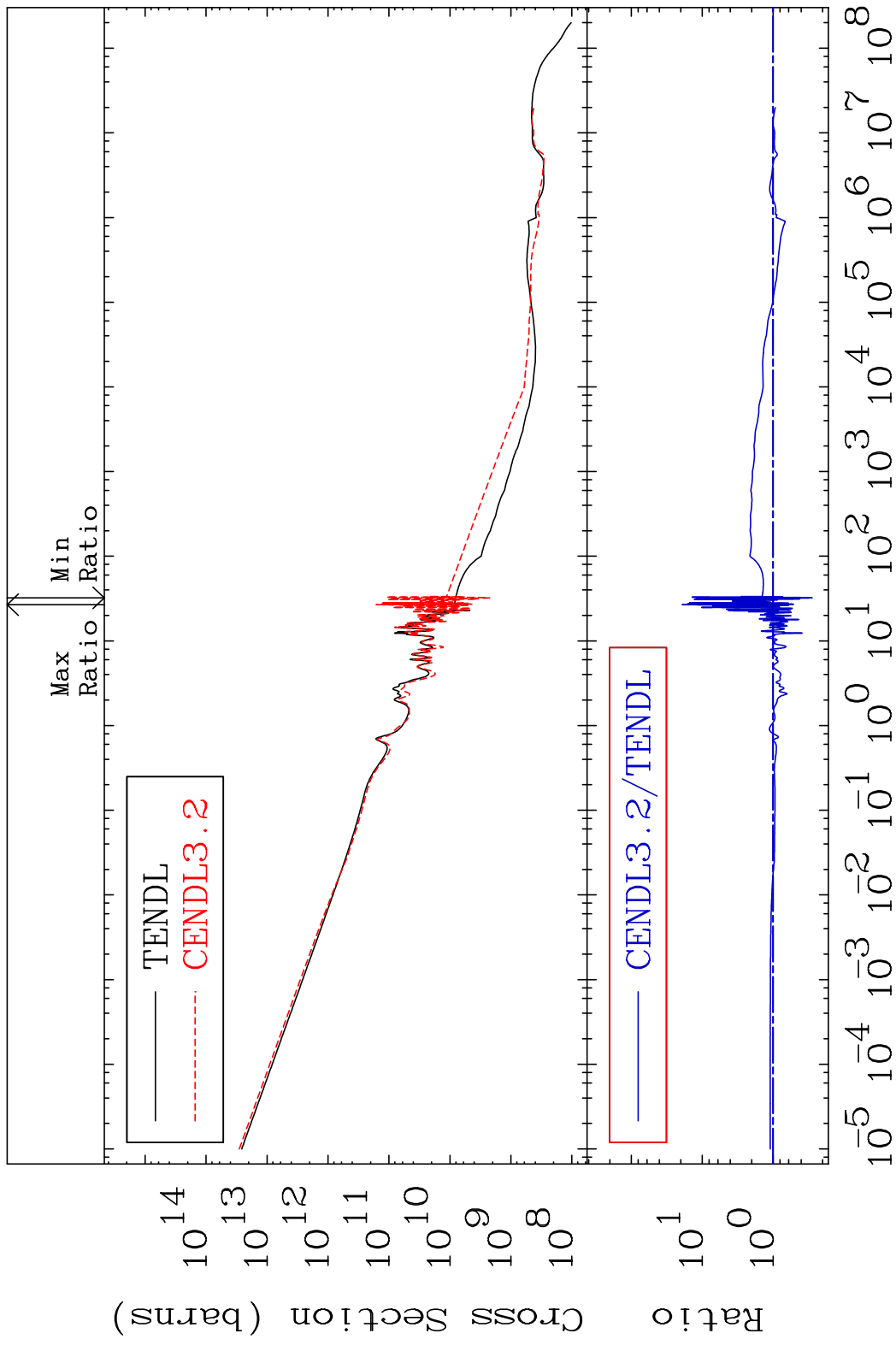
MAT 9343

Kerma elastic  
Cross Section -40.56 To 785.4 %

93-Np-236



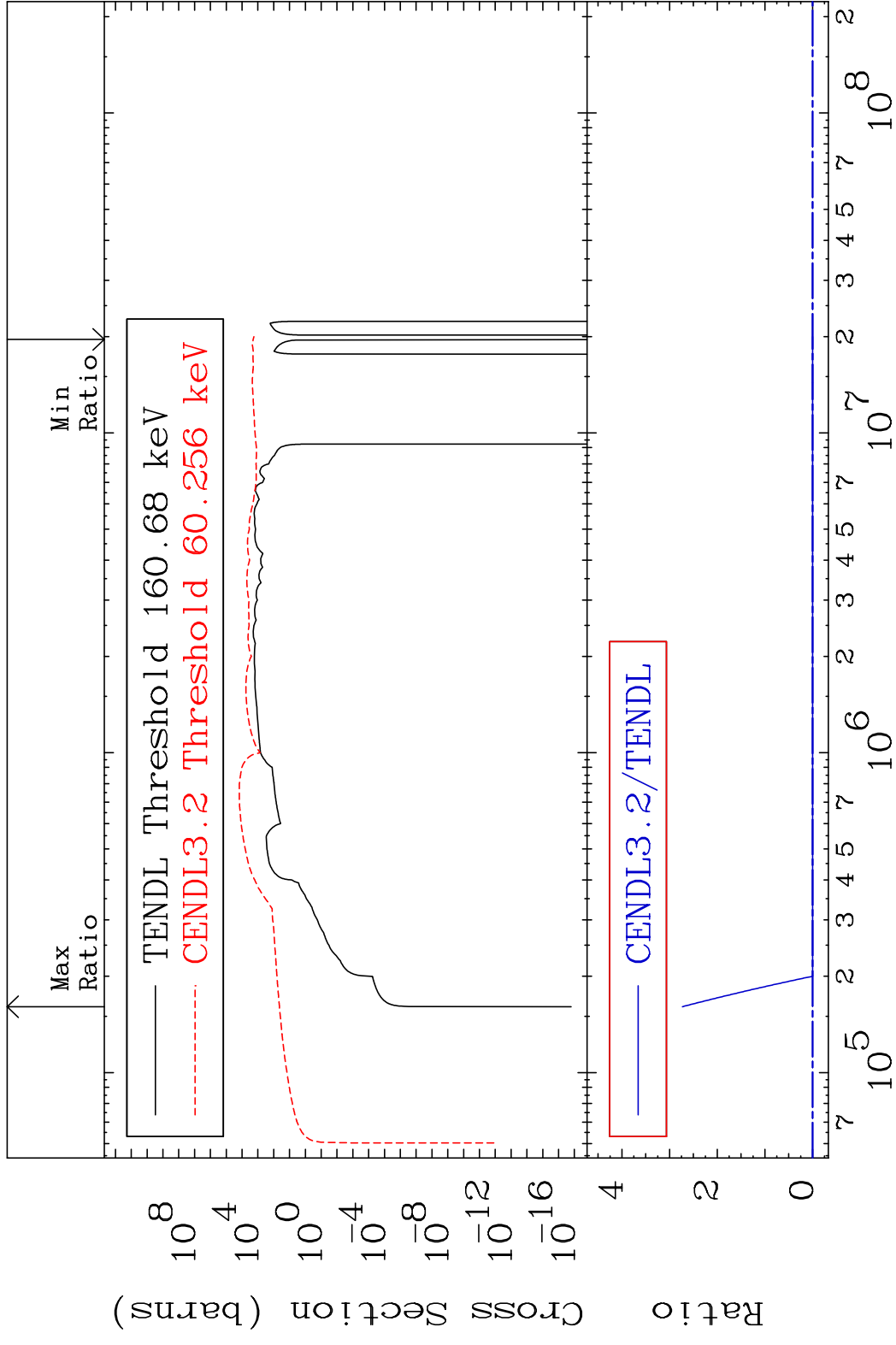
MAT 9343 Kerma non-elastic (all but mt2) 93-Np-236  
 Cross Section -72.29 To 1801. %



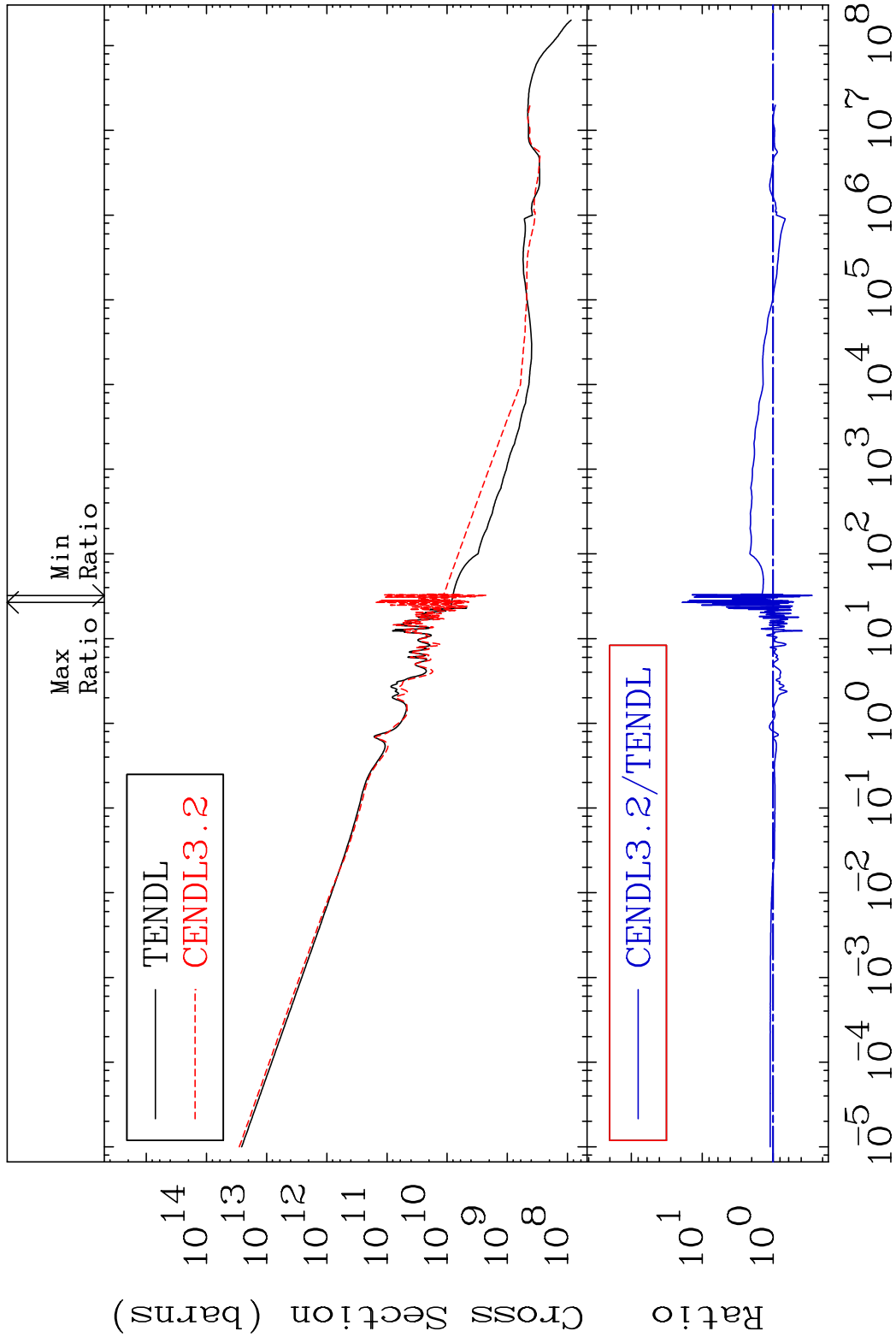
23 Incident Energy (eV) 93-Np-236



MAT 9343 Kerma inelastic (mt51-91) 93-Np-236  
 Cross Section -9999. To 9999. %



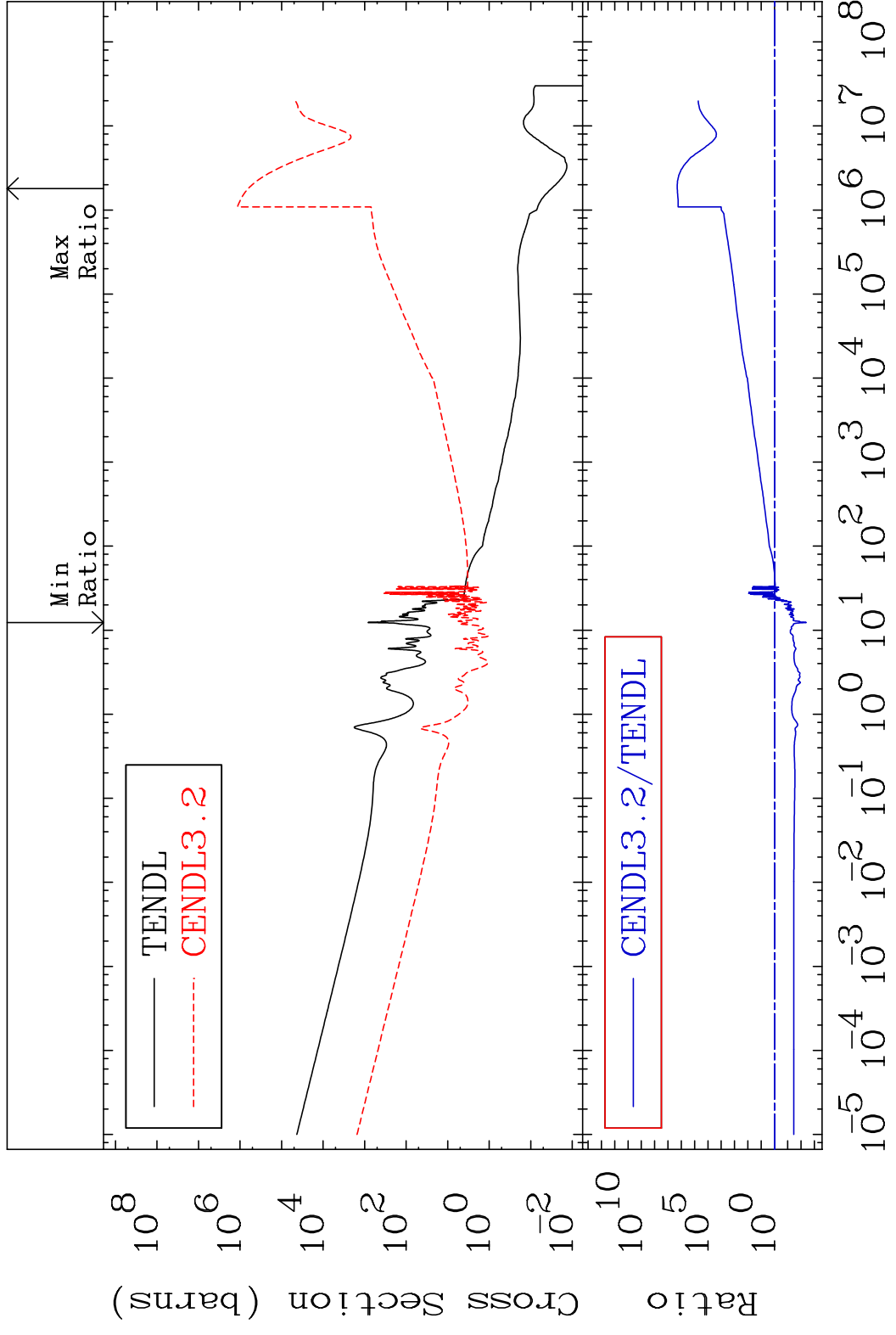
MAT 9343 Kerma fission (mt18 or mt19-20-21-38) 93-Np-236  
 Cross Section -72.29 To 1801. %



25 Incident Energy (eV) 93-Np-236

MAT 9343

Kerma capture (mt102) 93-Np-236  
Cross Section -99.60 To 9999. %



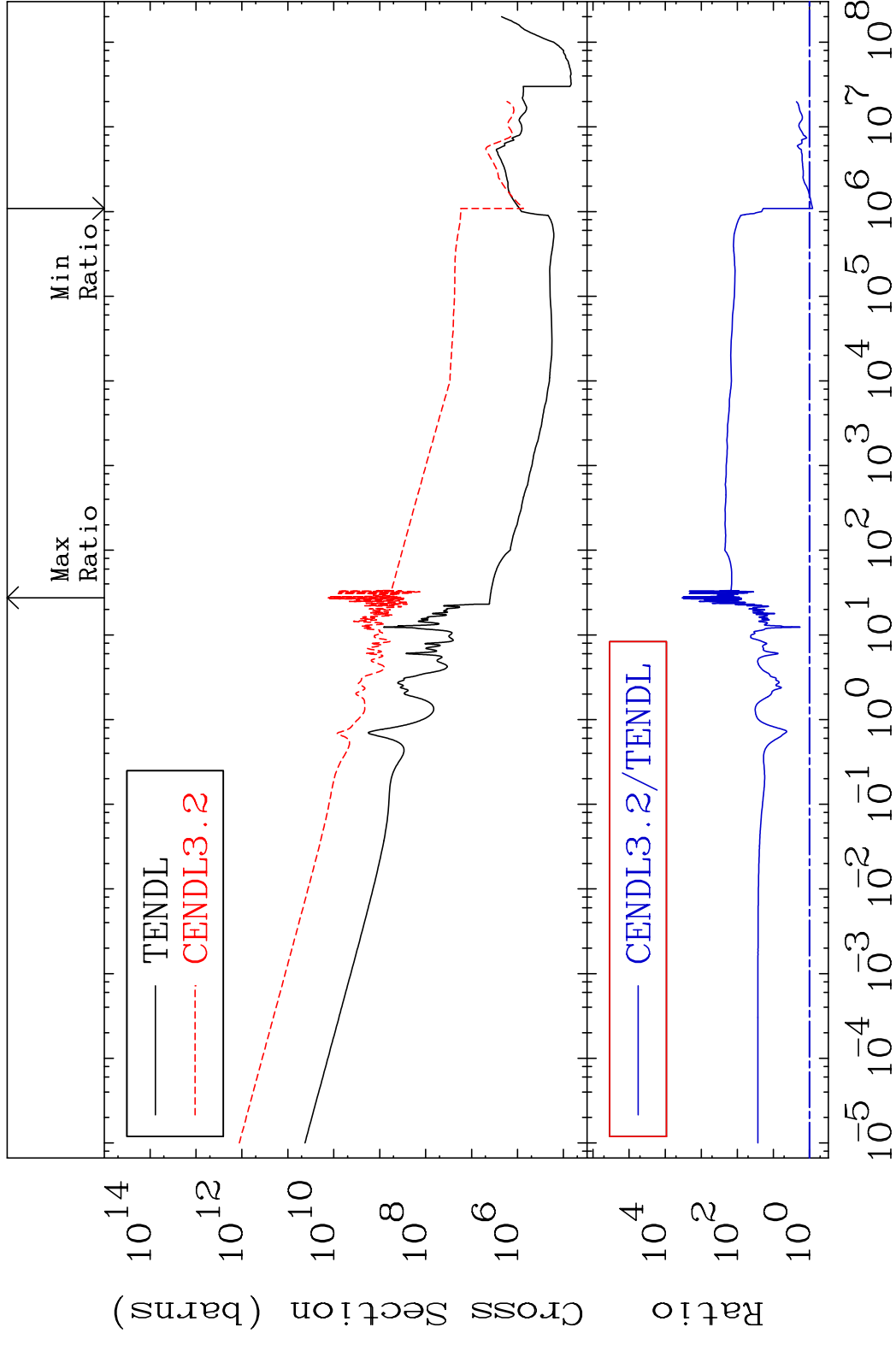
26

Incident Energy (eV)

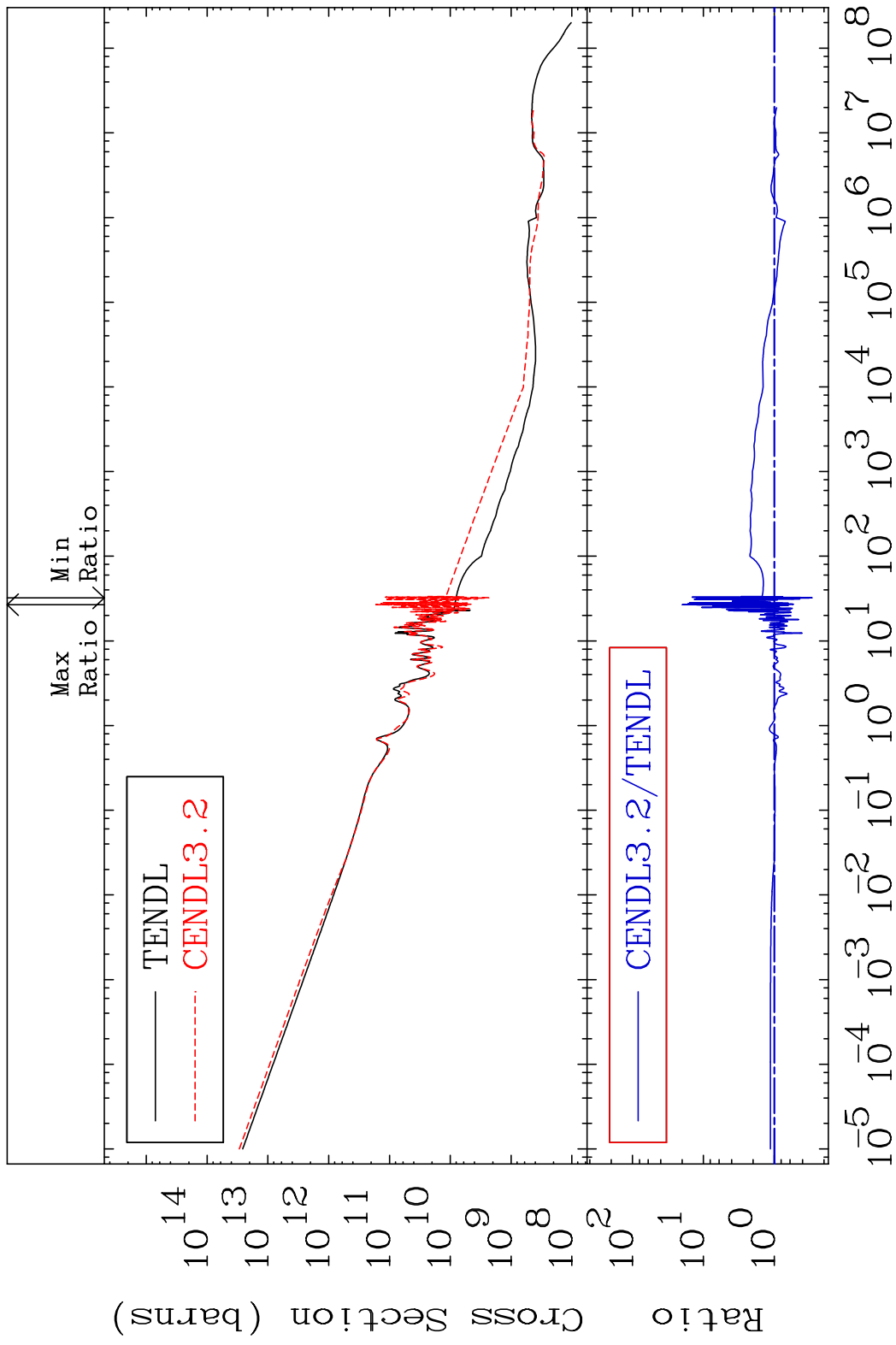
93-Np-236

MAT 9343

Total photon (eV-barns) 93-Np-236  
Cross Section -18.34 To 9999. %



MAT 9343 Total kinematic kerma (high limit) 93-Np-236  
 Cross Section -71.09 To 1883. %

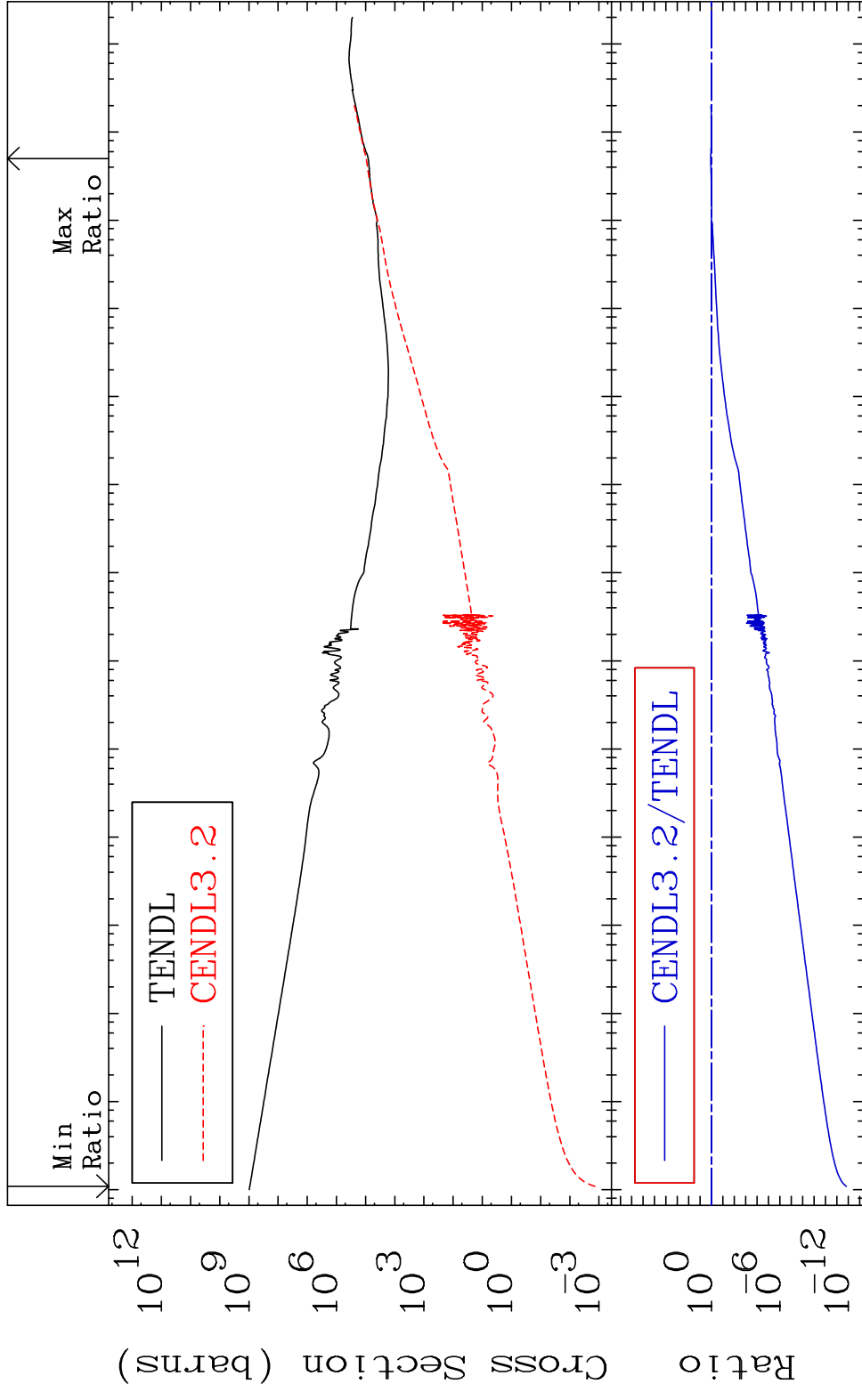


MAT 9343

Dpa total (eV-barns)

93-Np-236

Cross Section -100.0 To 17.77 %

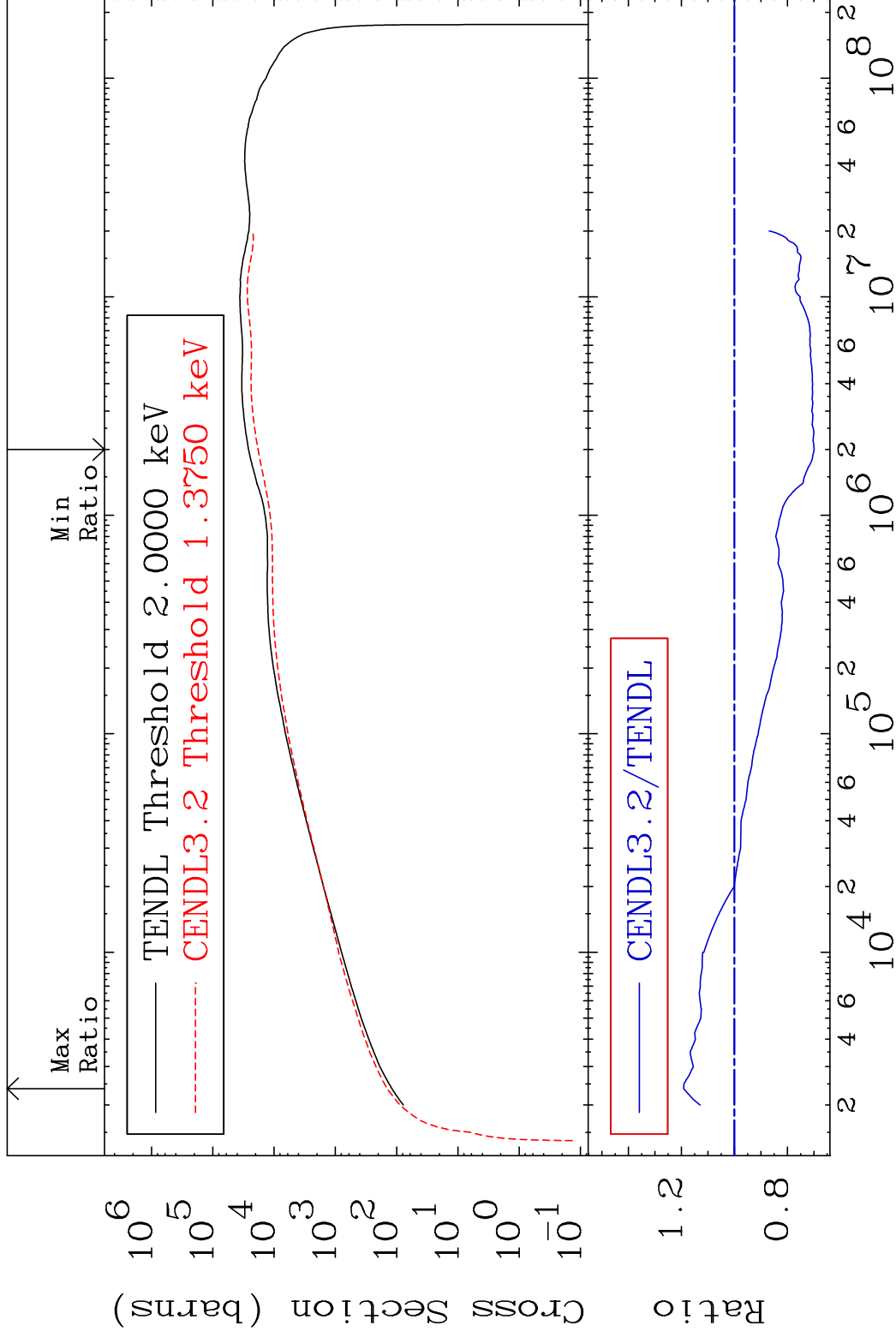


MAT 9343

Dpa elastic (mt2)

93-Np-236

Cross Section -30.04 To 19.17 %

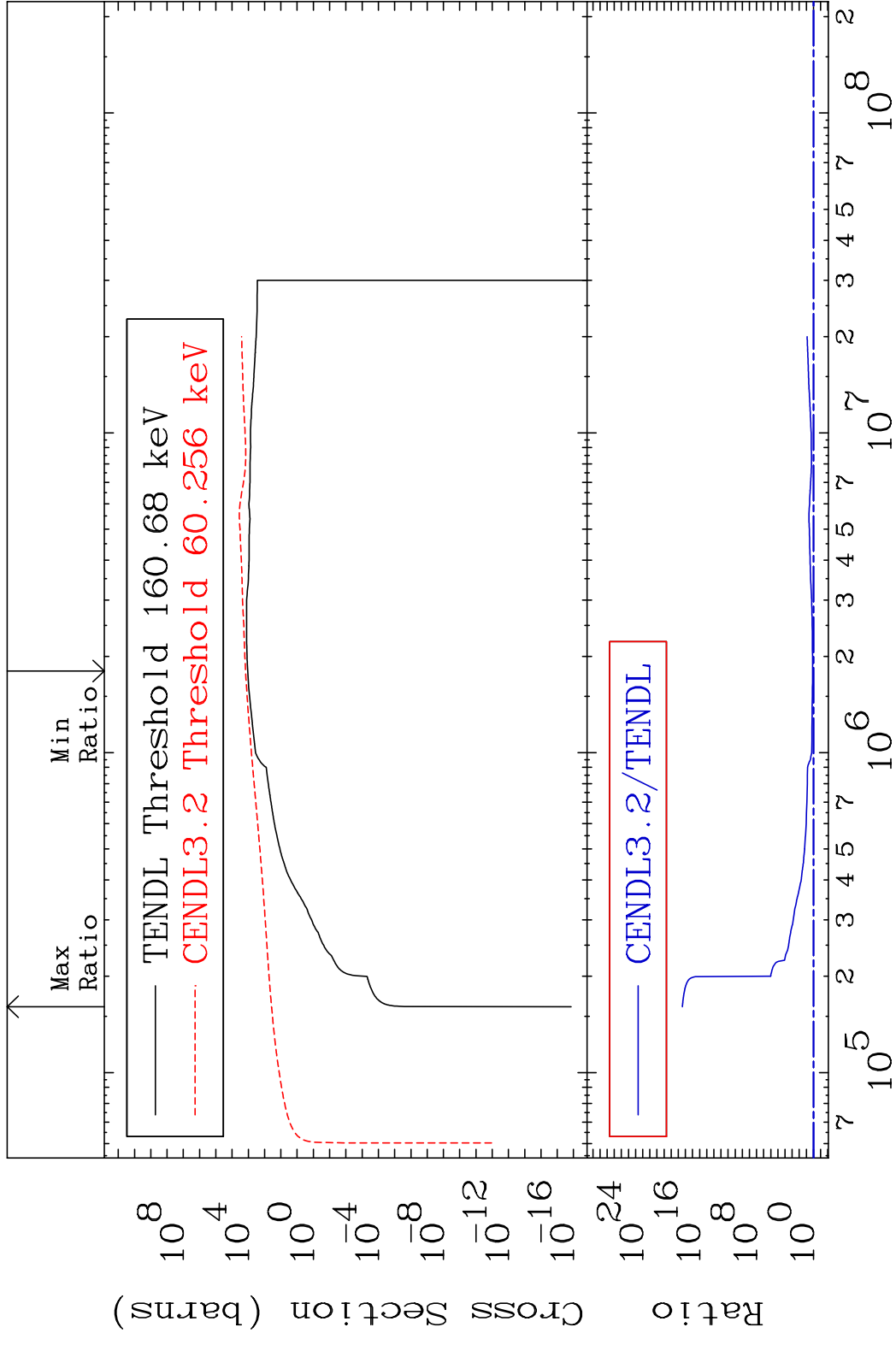


30

Incident Energy (eV)

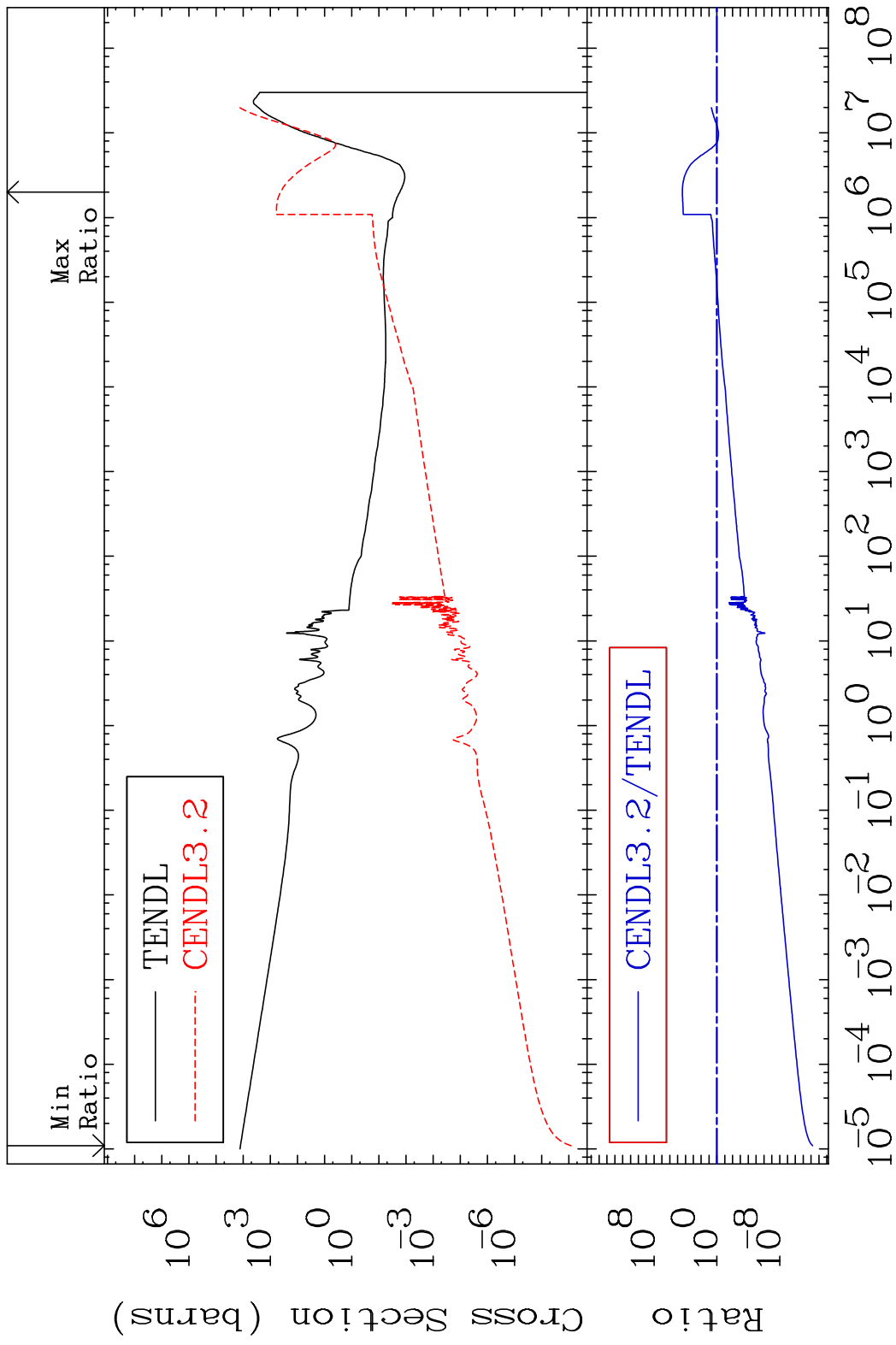
93-Np-236

MAT 9343 Dpa inelastic (mt51-91) 93-Np-236  
 Cross Section 34.03 To 9999. %





MAT 9343 Dpa disappearance (mt102 -120) 93-Np-236  
 Cross Section -100.0 To 9999. %



32 Incident Energy (eV) 93-Np-236