

Program Complot  
(Version 2021-1)

by

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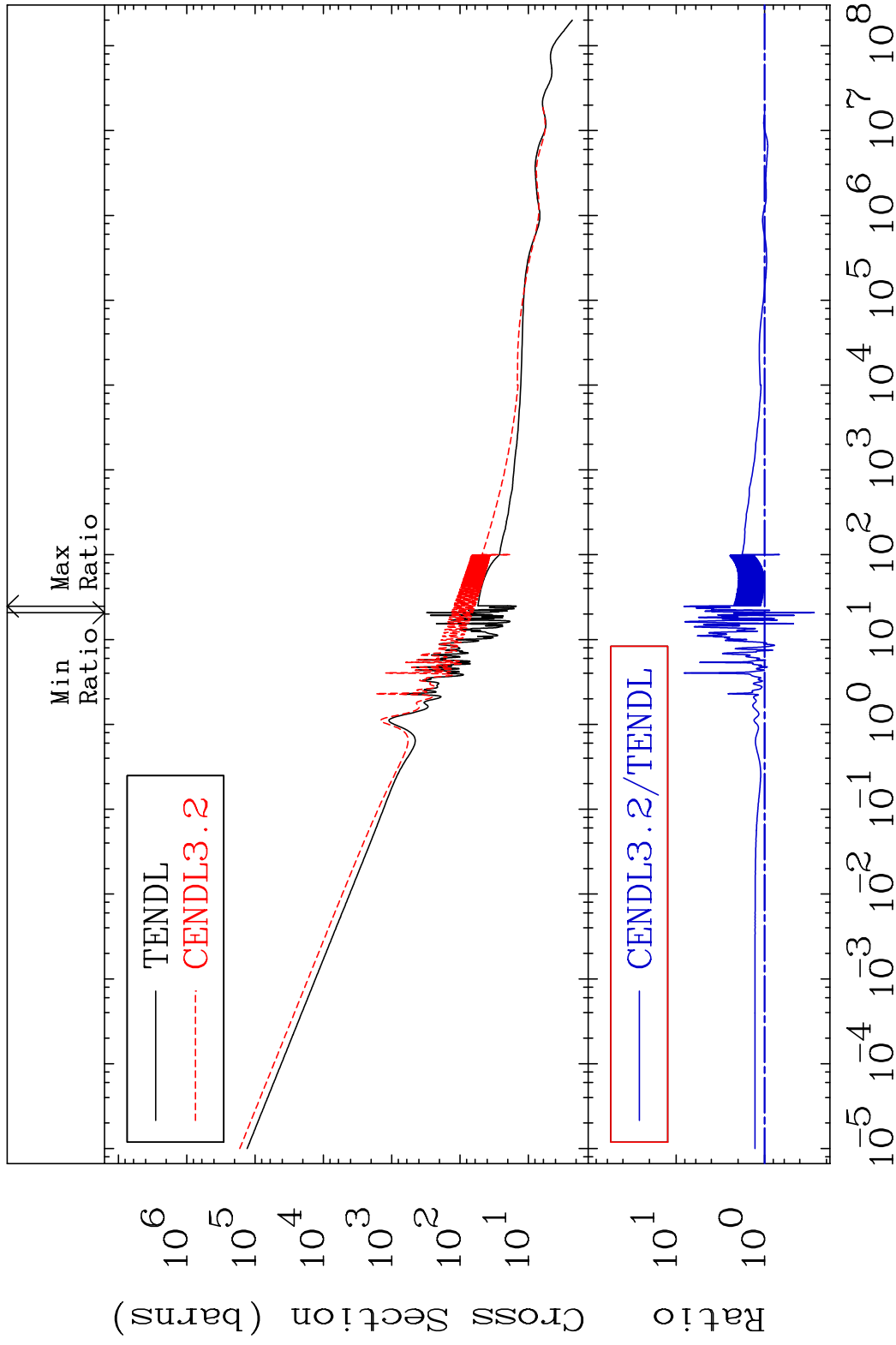
Press Mouse Button to Start

MAT 9349

Total

93-Np-238

Cross Section -72.41 To 722.7 %

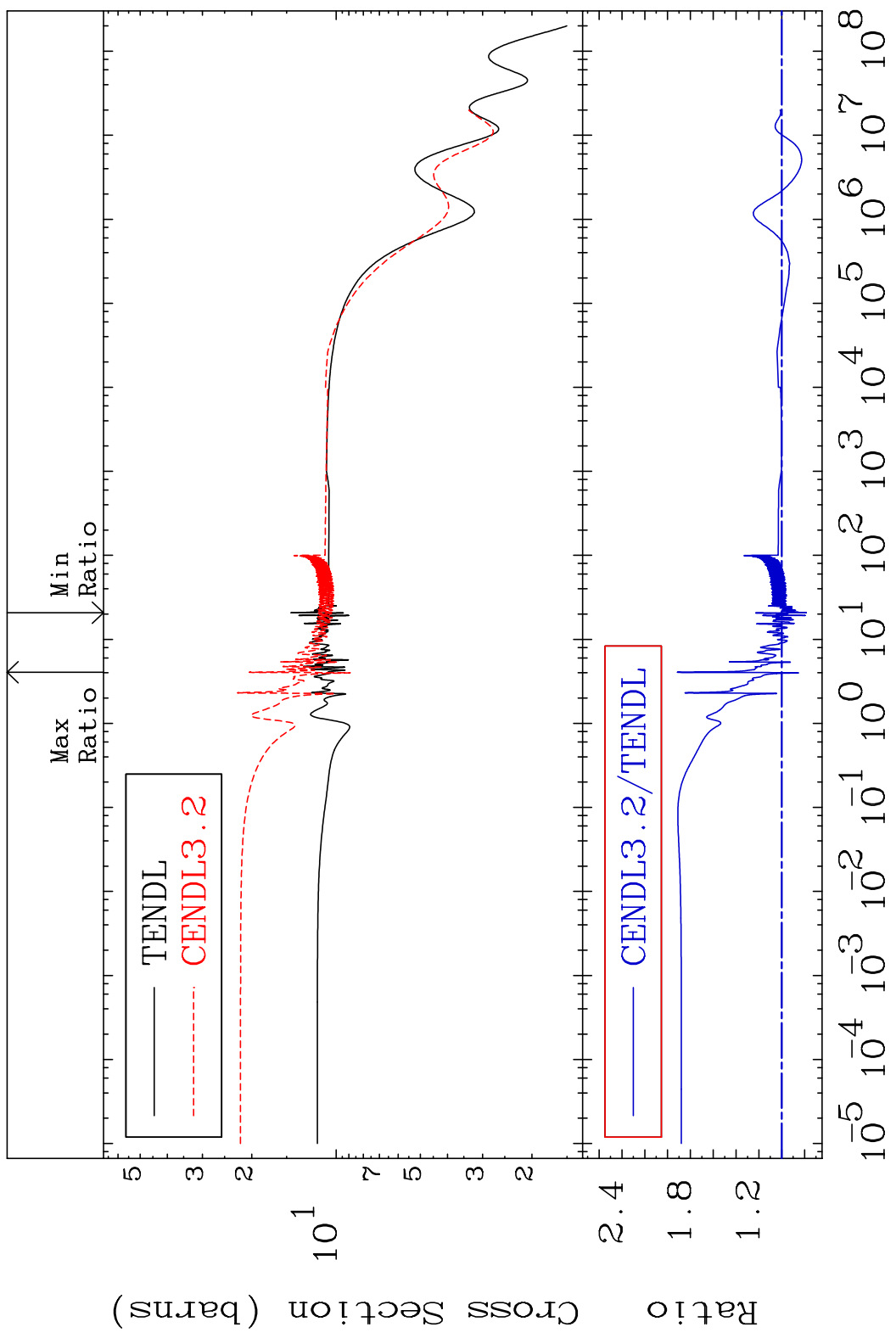


93-Np-238

MAT 9349

Elastic Cross Section -21.60 To 91.59 %

93-Np-238



2

Incident Energy (eV)

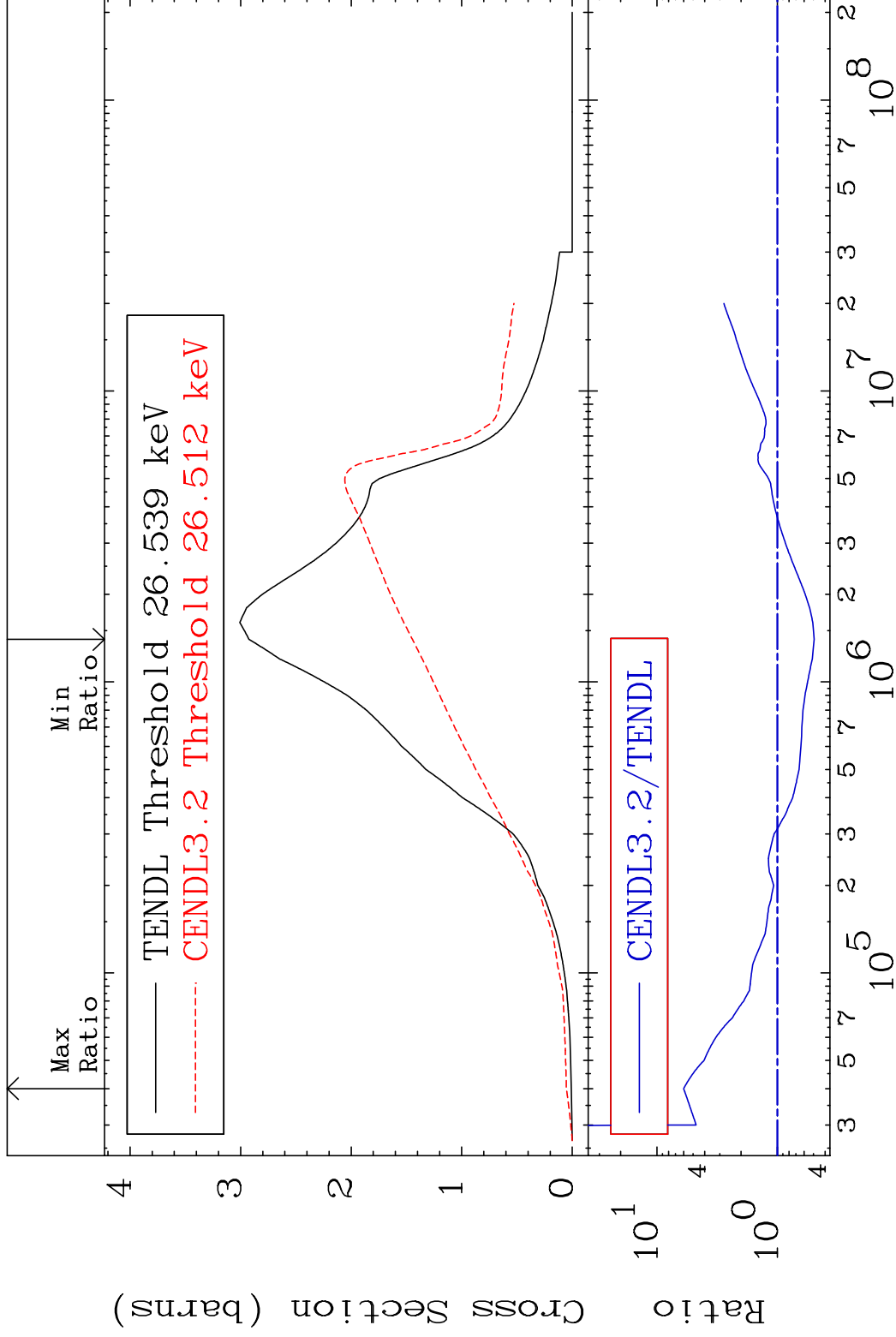
93-Np-238

MAT 9349

Inelastic

93-Np-238

Cross Section -50.55 To 499.5 %



3

Incident Energy (eV)

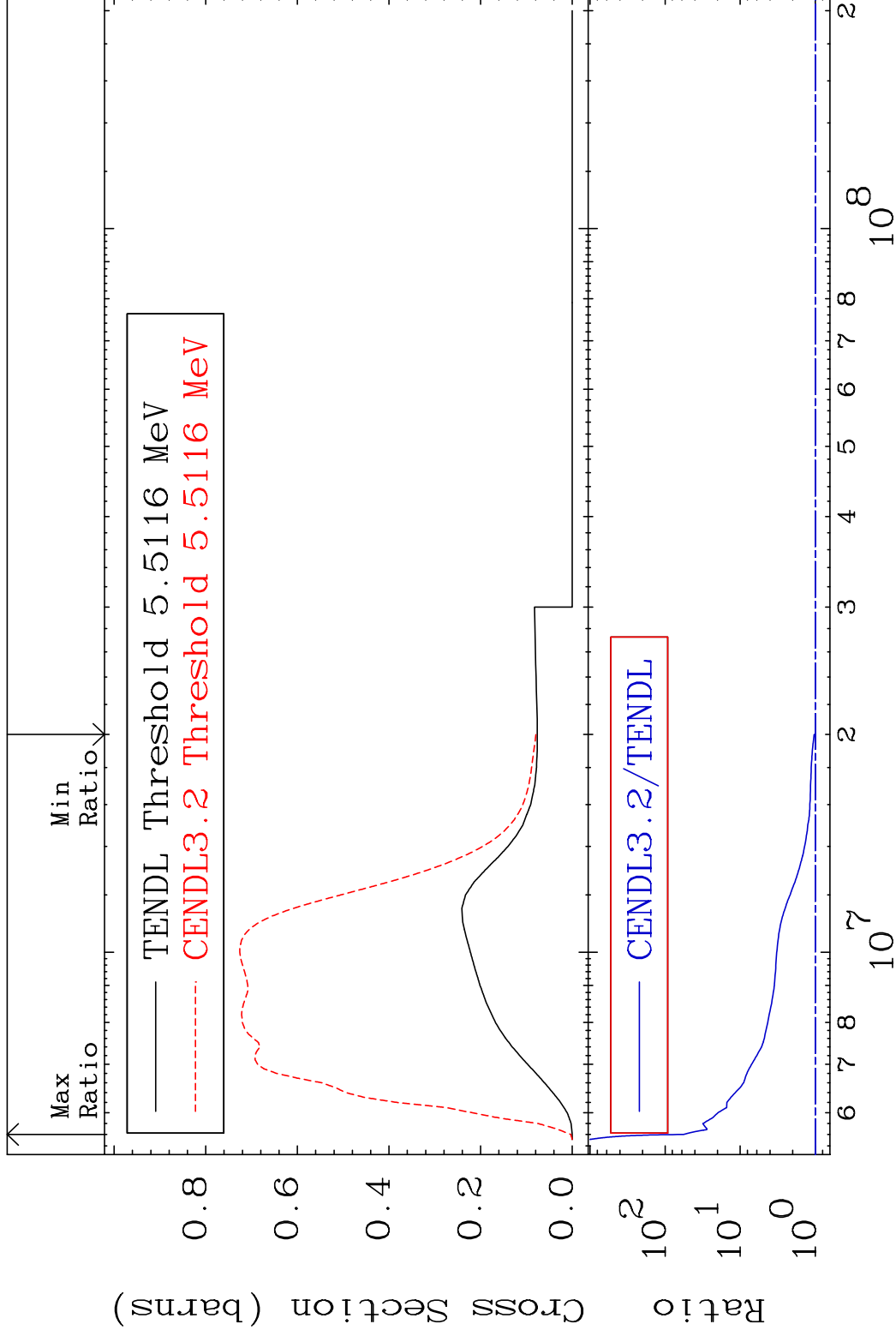
93-Np-238

MAT 9349

(n,2n)

93-Np-238

Cross Section 3.955 To 5561. %



4

Incident Energy (eV)

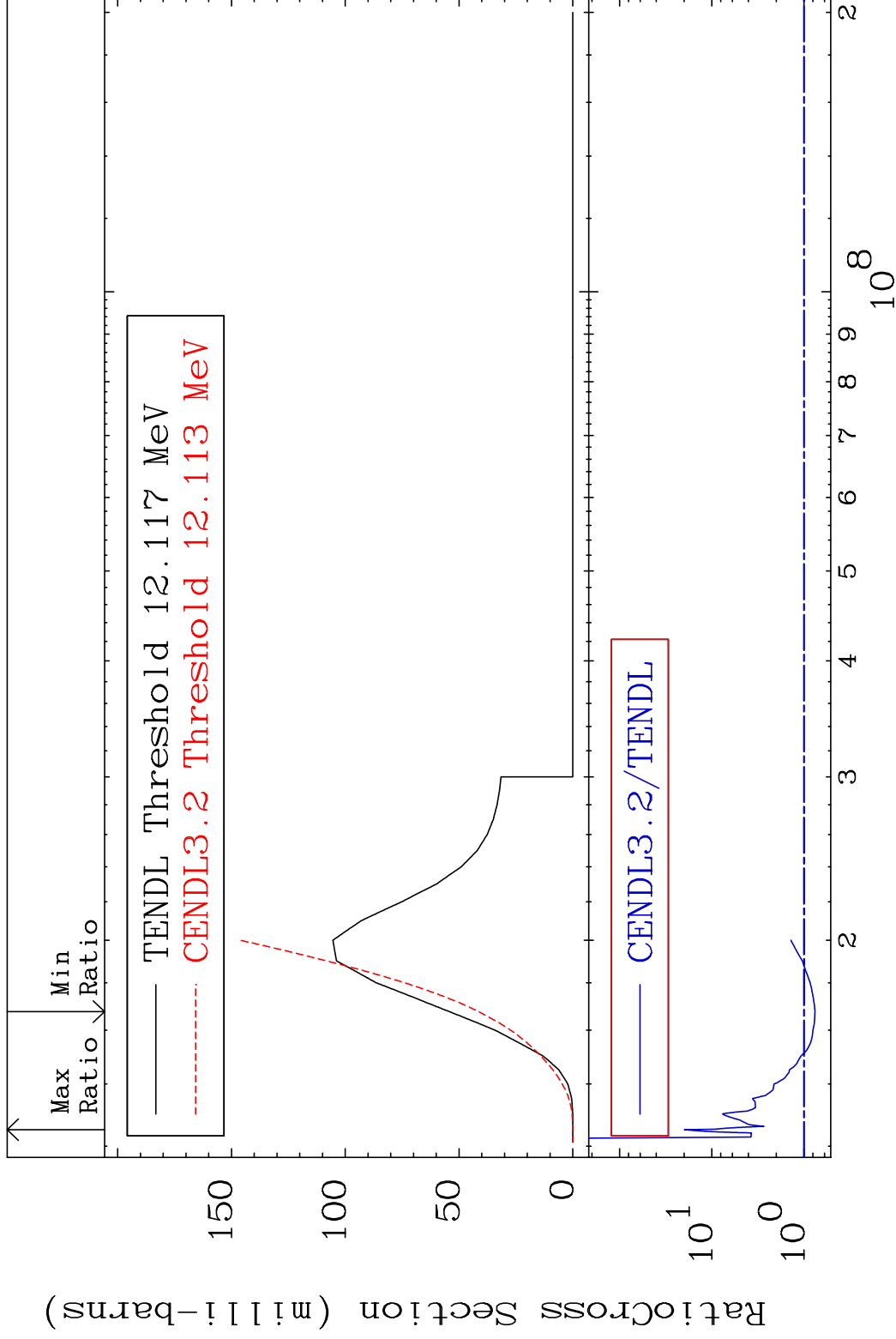
93-Np-238

MAT 9349

(n,3n)

93-Np-238

Cross Section -23.84 To 1888. %



5

Incident Energy (eV)

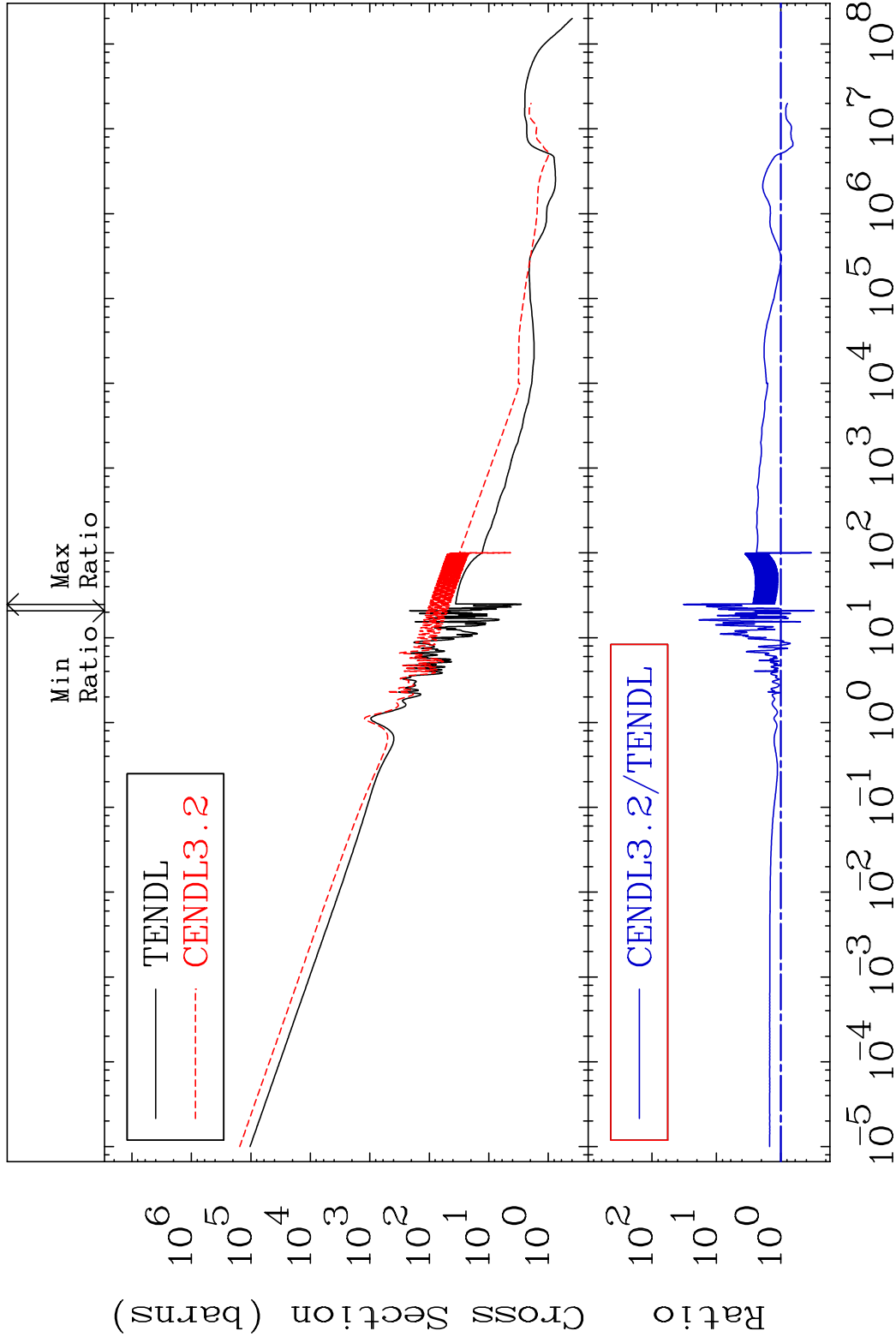
93-Np-238

MAT 9349

Fission

93-Np-238

Cross Section -69.54 To 3117. %

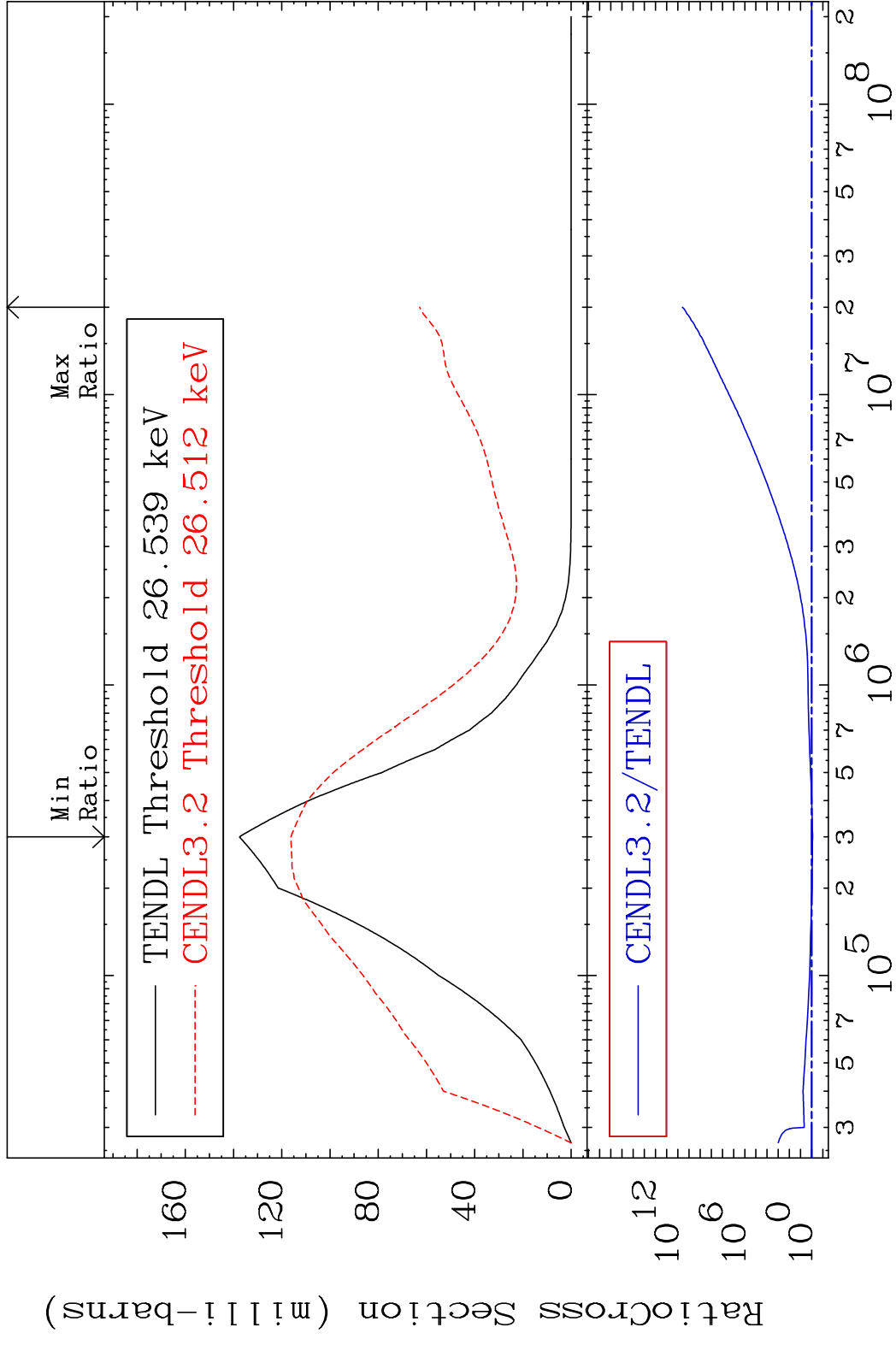


6

Incident Energy (eV)

93-Np-238

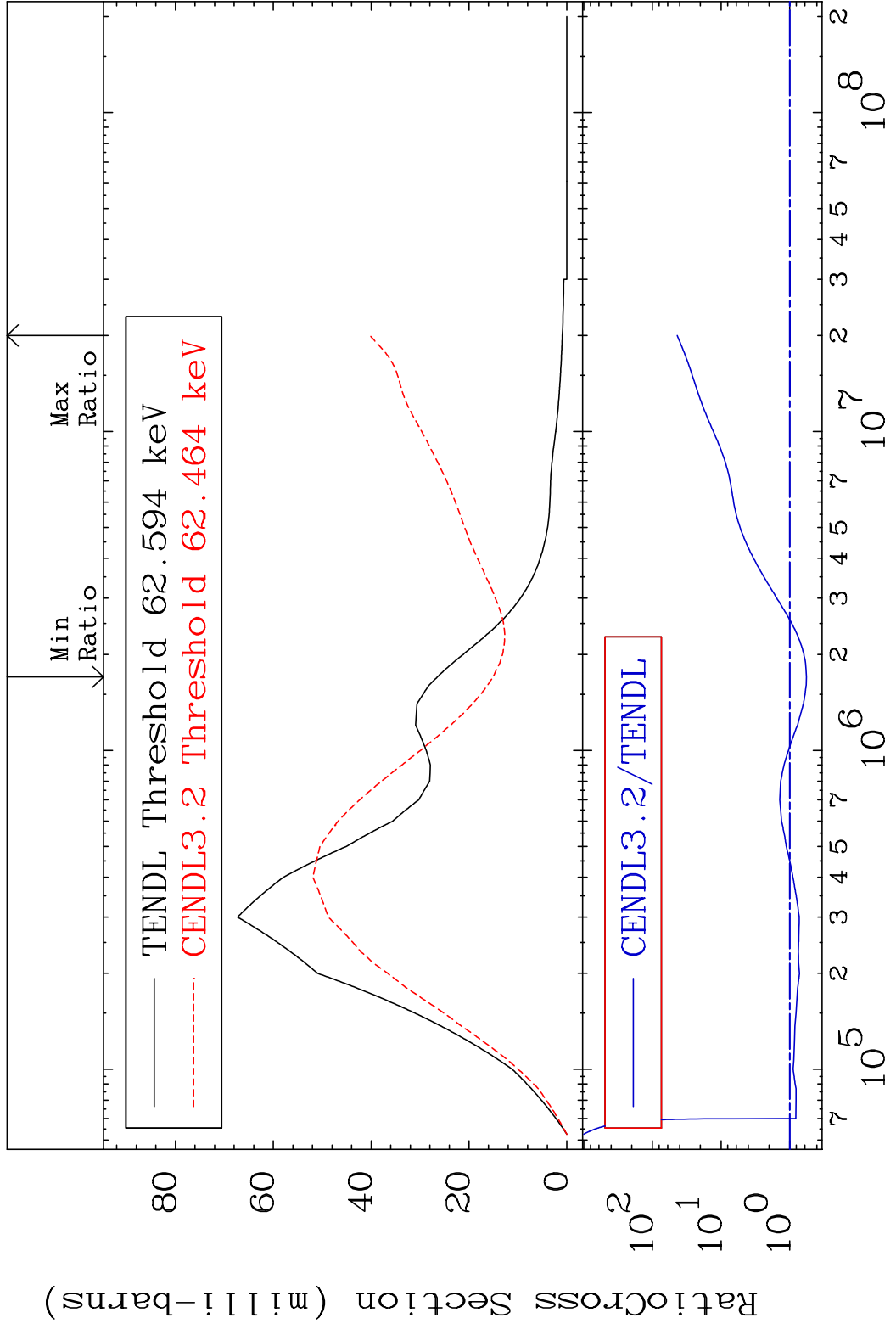
MAT 9349 MT= 51 (n, n') Level 93-Np-238  
 Cross Section -15.52 To 9999. %



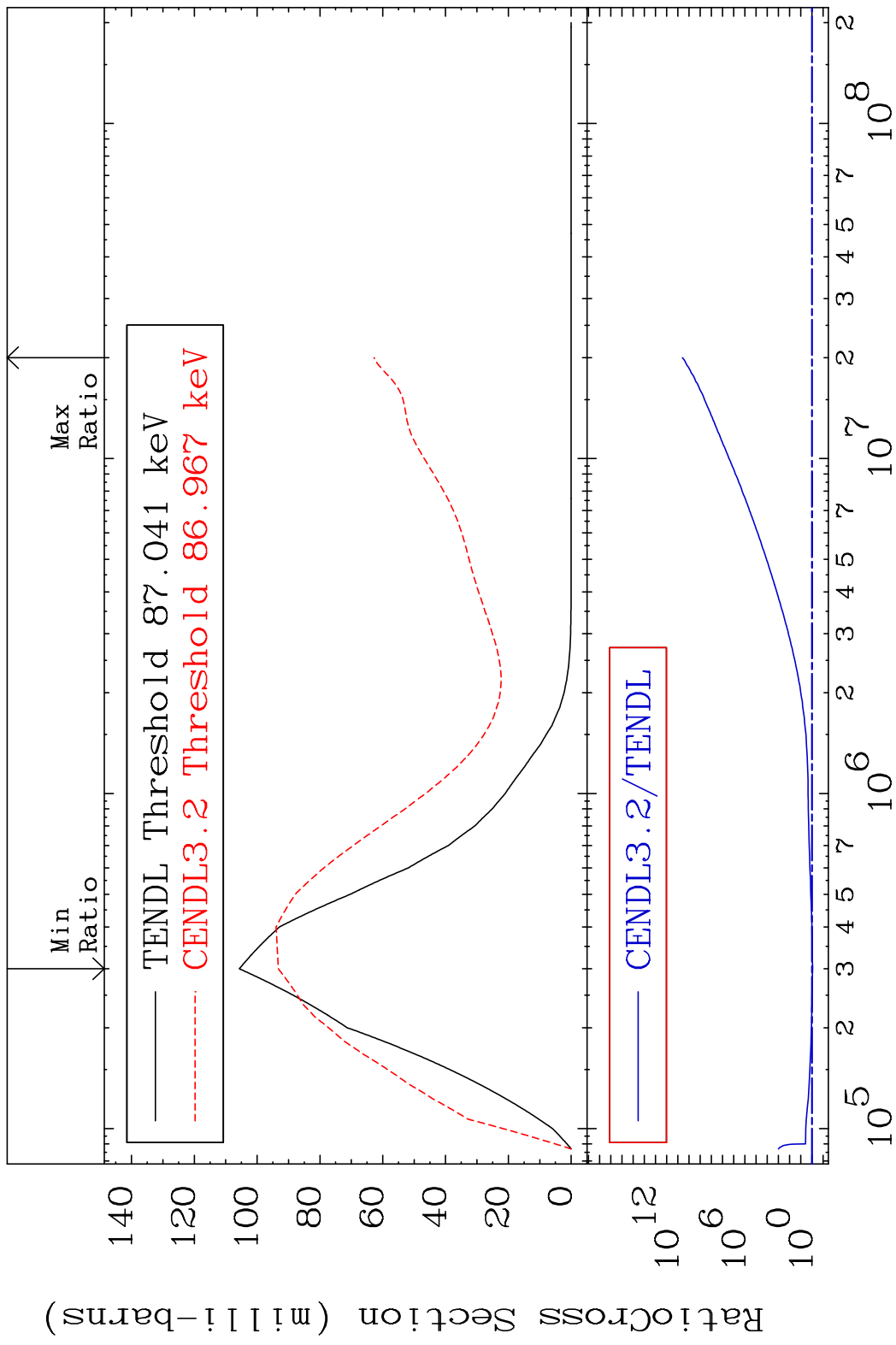
7 Incident Energy (eV) 93-Np-238



MAT 9349 MT= 52 (n, n') Level 93-Np-238  
 Cross Section -42.98 To 4256. %



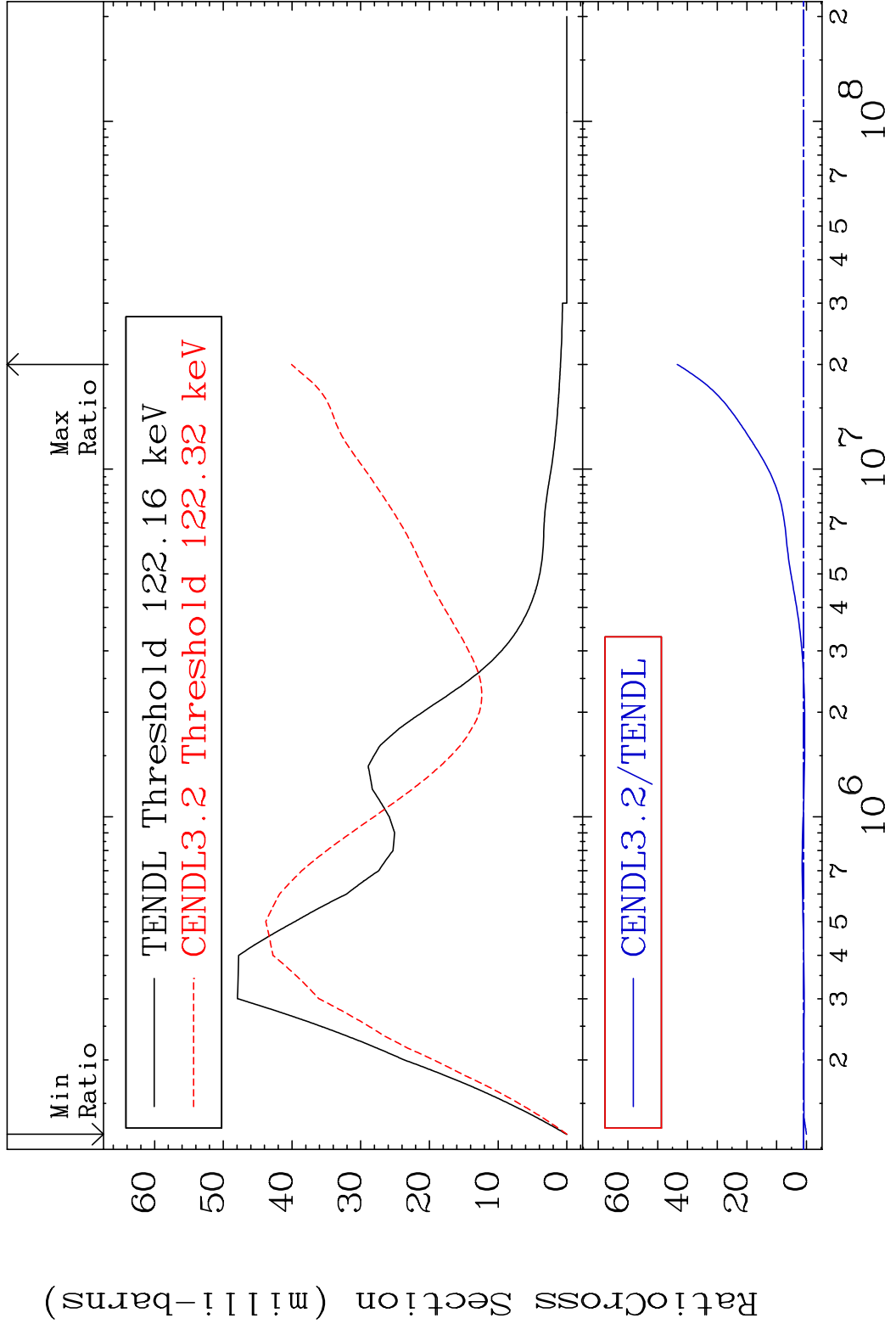
MAT 9349 MT= 53 (n, n') Level 93-Np-238  
 Cross Section -11.74 To 9999. %



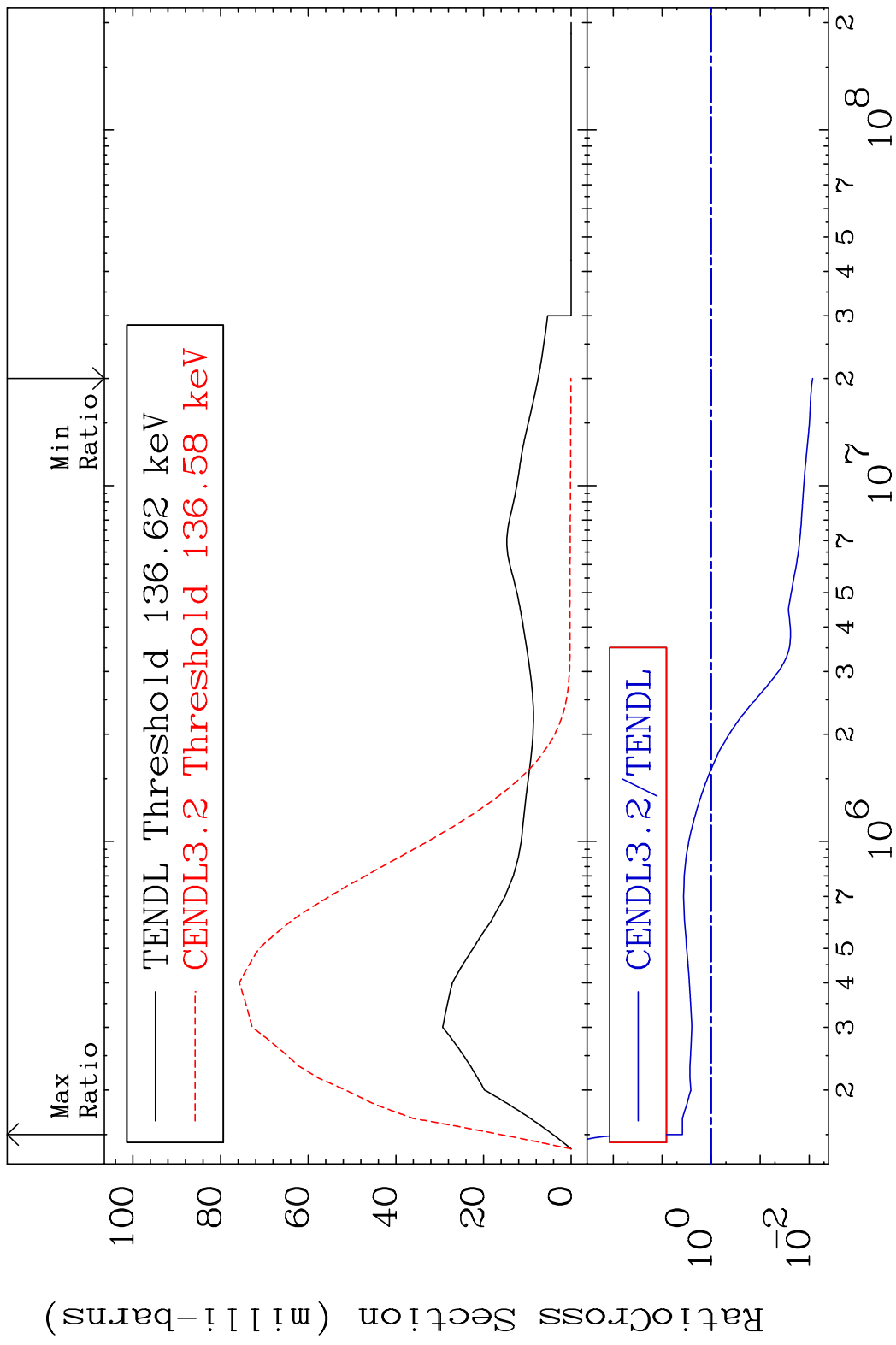
9 Incident Energy (eV) 93-Np-238



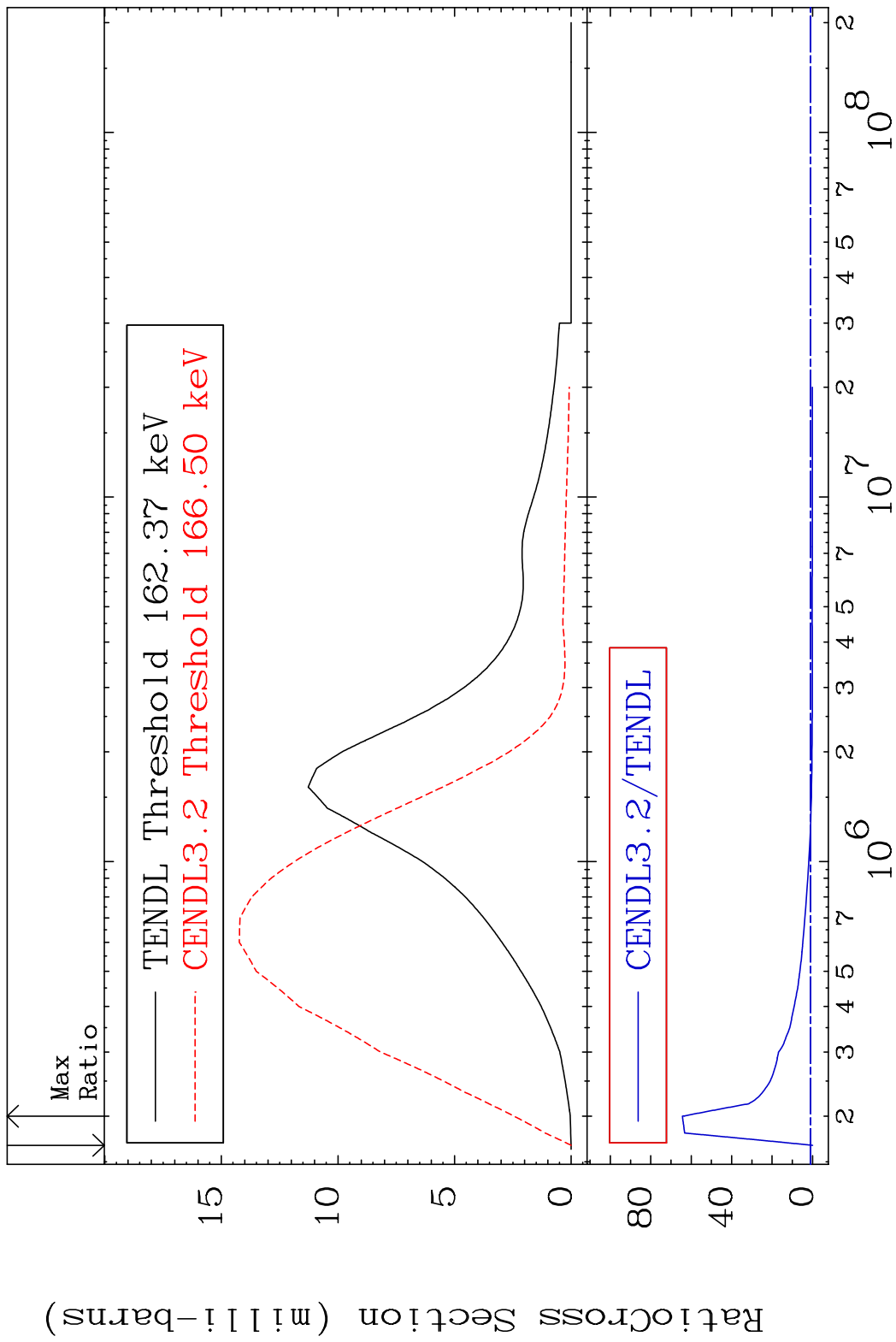
MAT 9349 MT= 55 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 4244. %



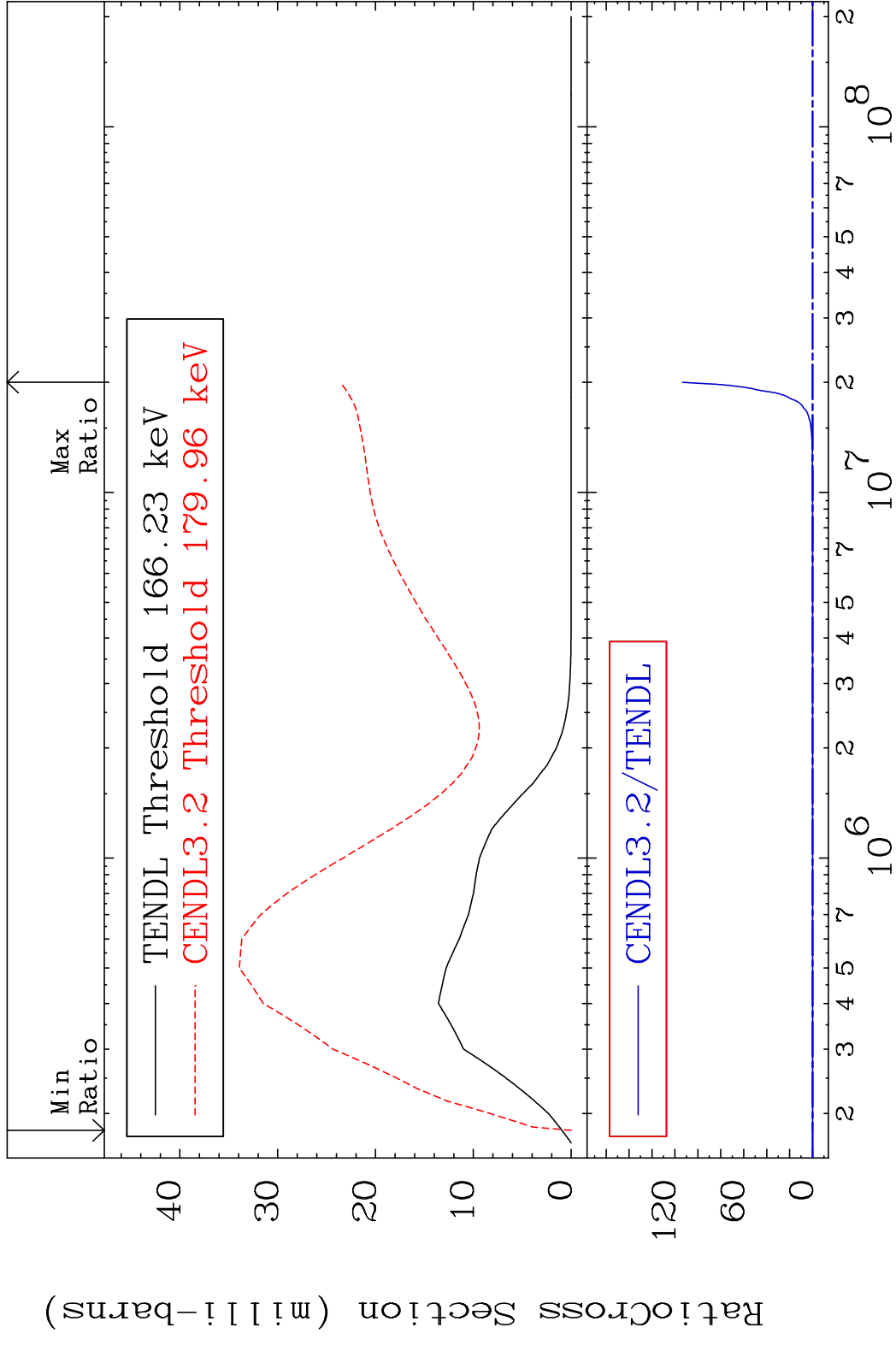
MAT 9349 MT= 56 (n, n') Level 93-Np-238  
 Cross Section -99.15 To 287.7 %



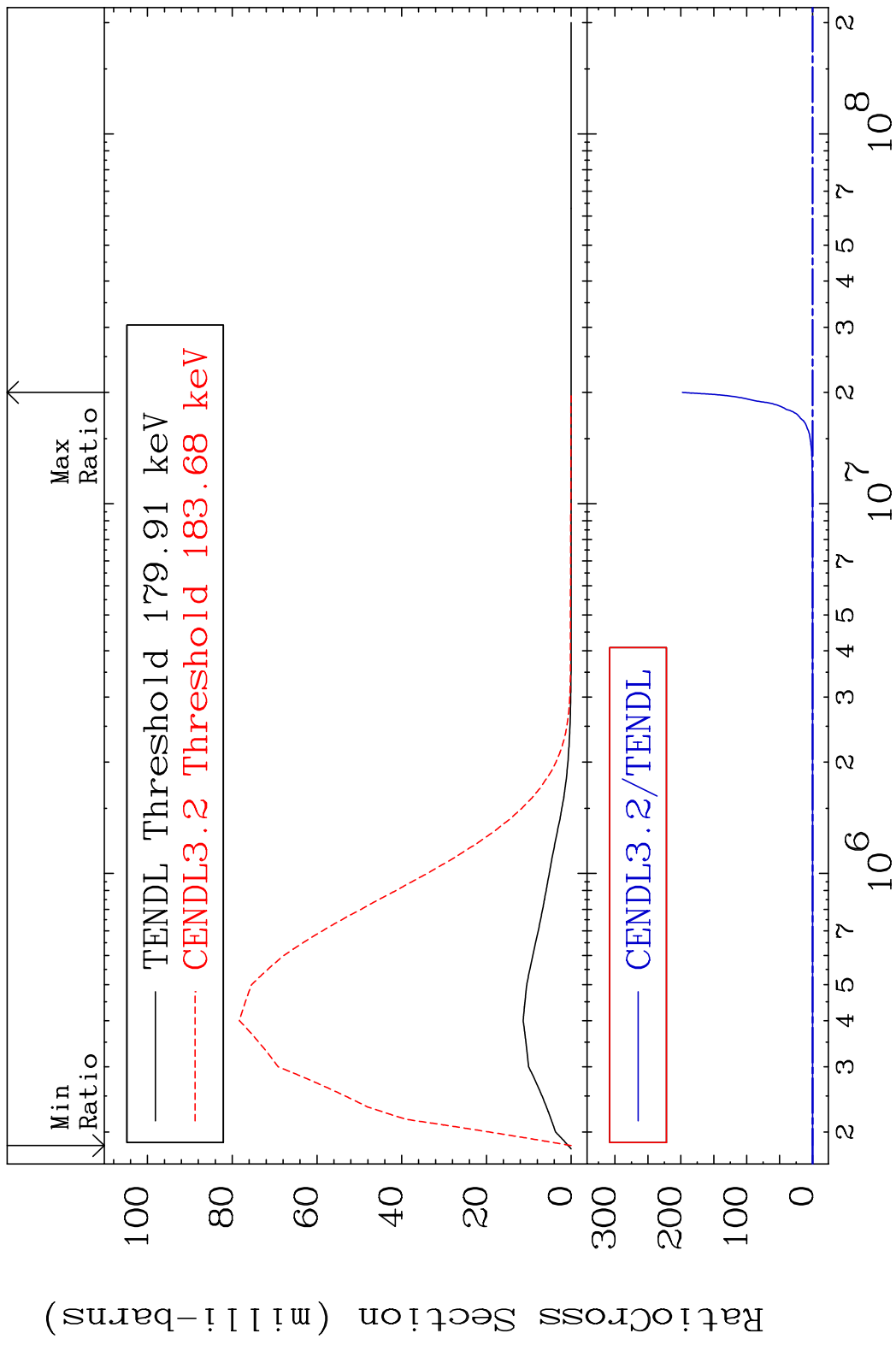
MAT 9349 MT= 57 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 6339. %



MAT 9349 MT= 58 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 9999. %

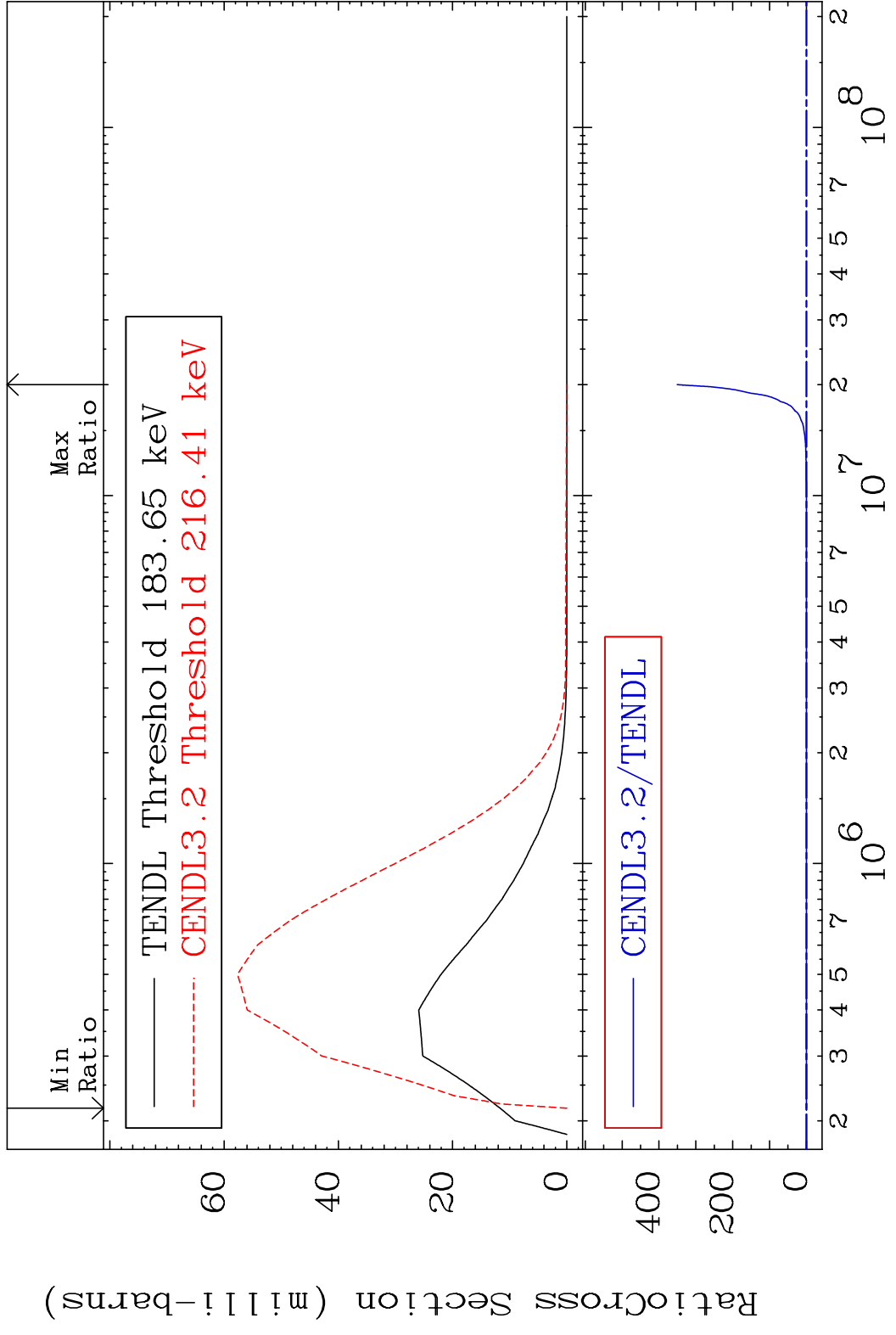


MAT 9349 MT= 59 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 9999. %



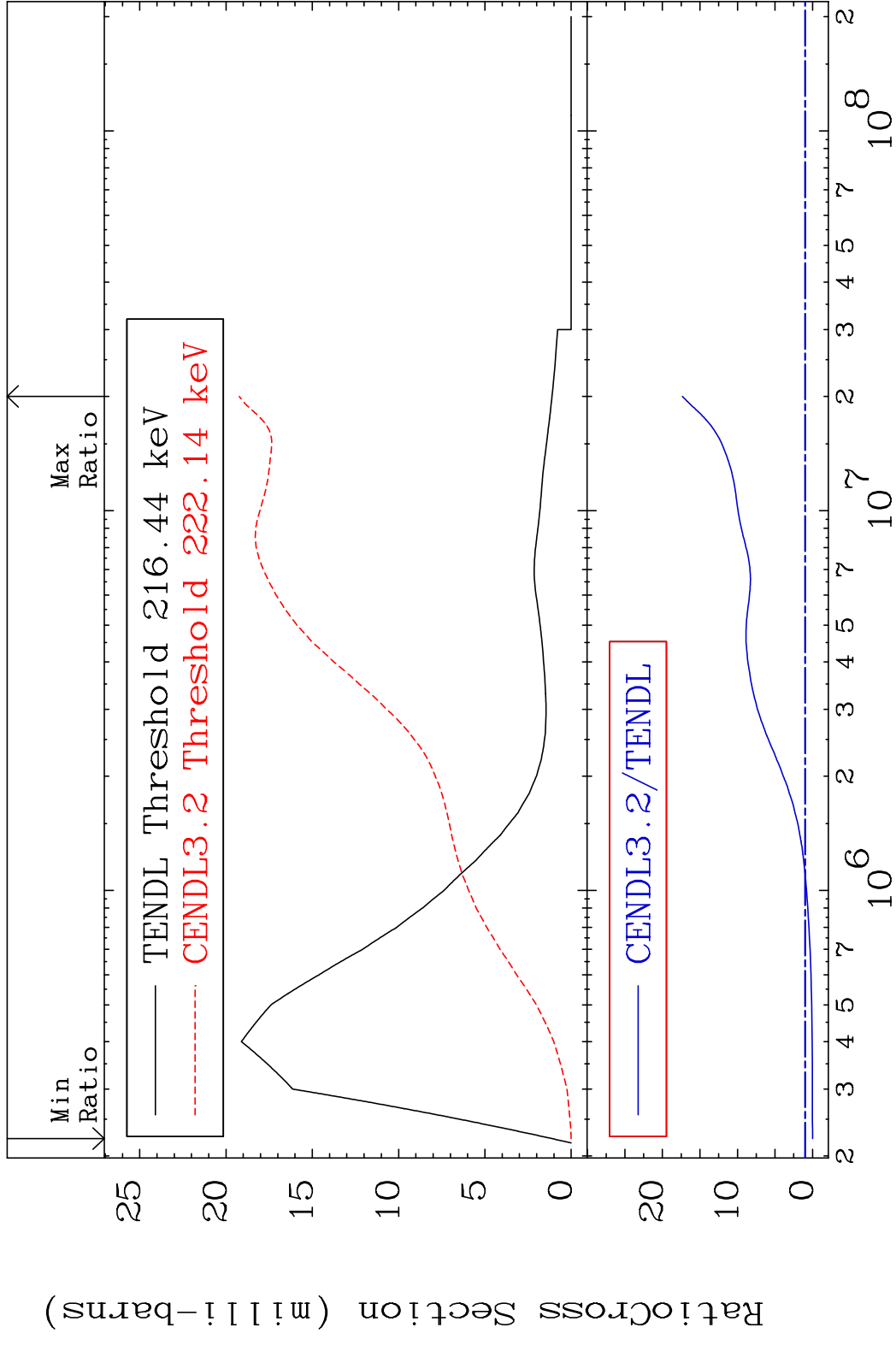


MAT 9349 MT= 60 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 9999. %

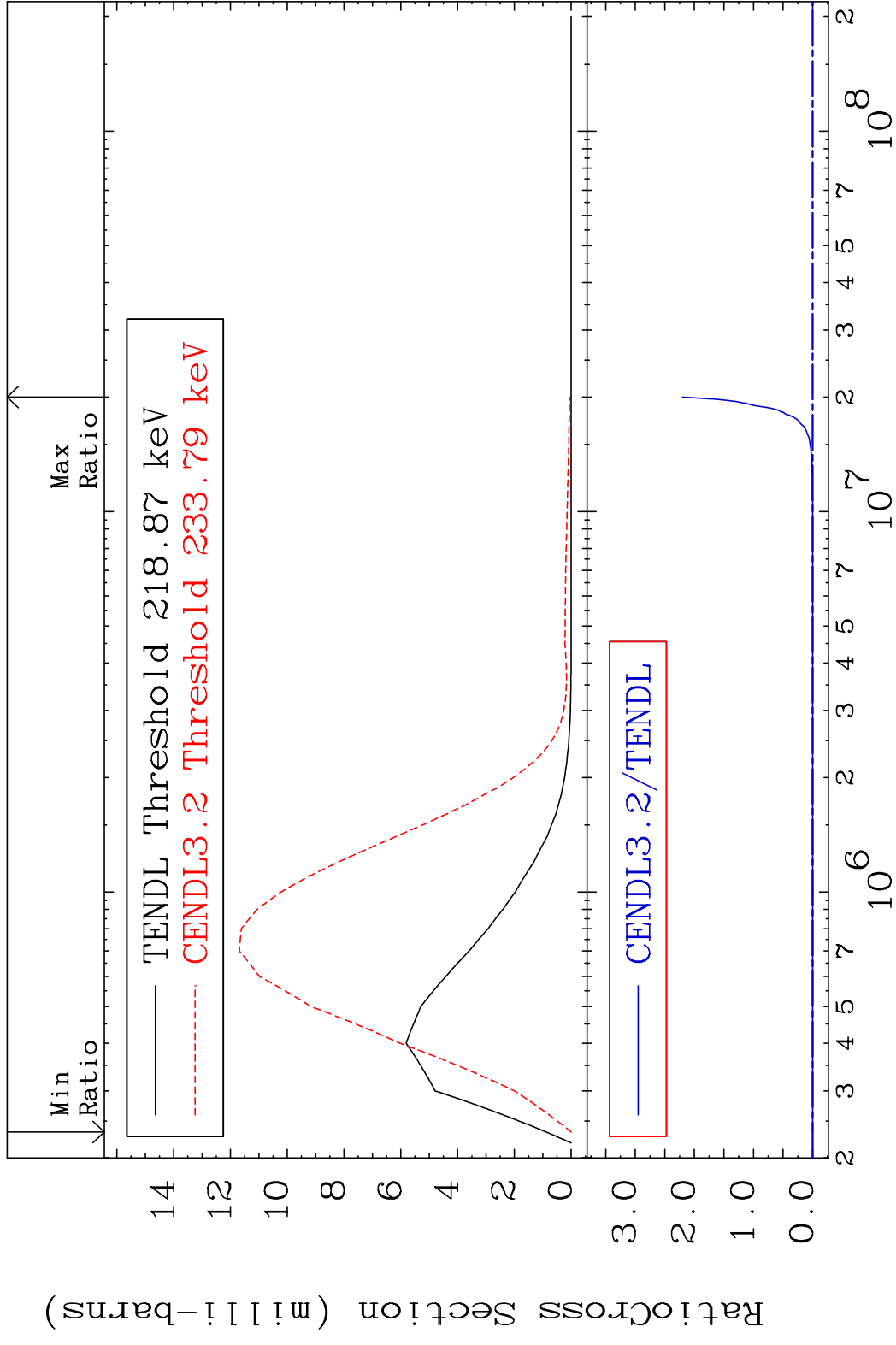


16 Incident Energy (eV) 93-Np-238

MAT 9349 MT= 61 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 1635. %



MAT 9349 MT= 62 (n, n') Level 93-Np-238  
 Cross Section -100.0 To 9999. %

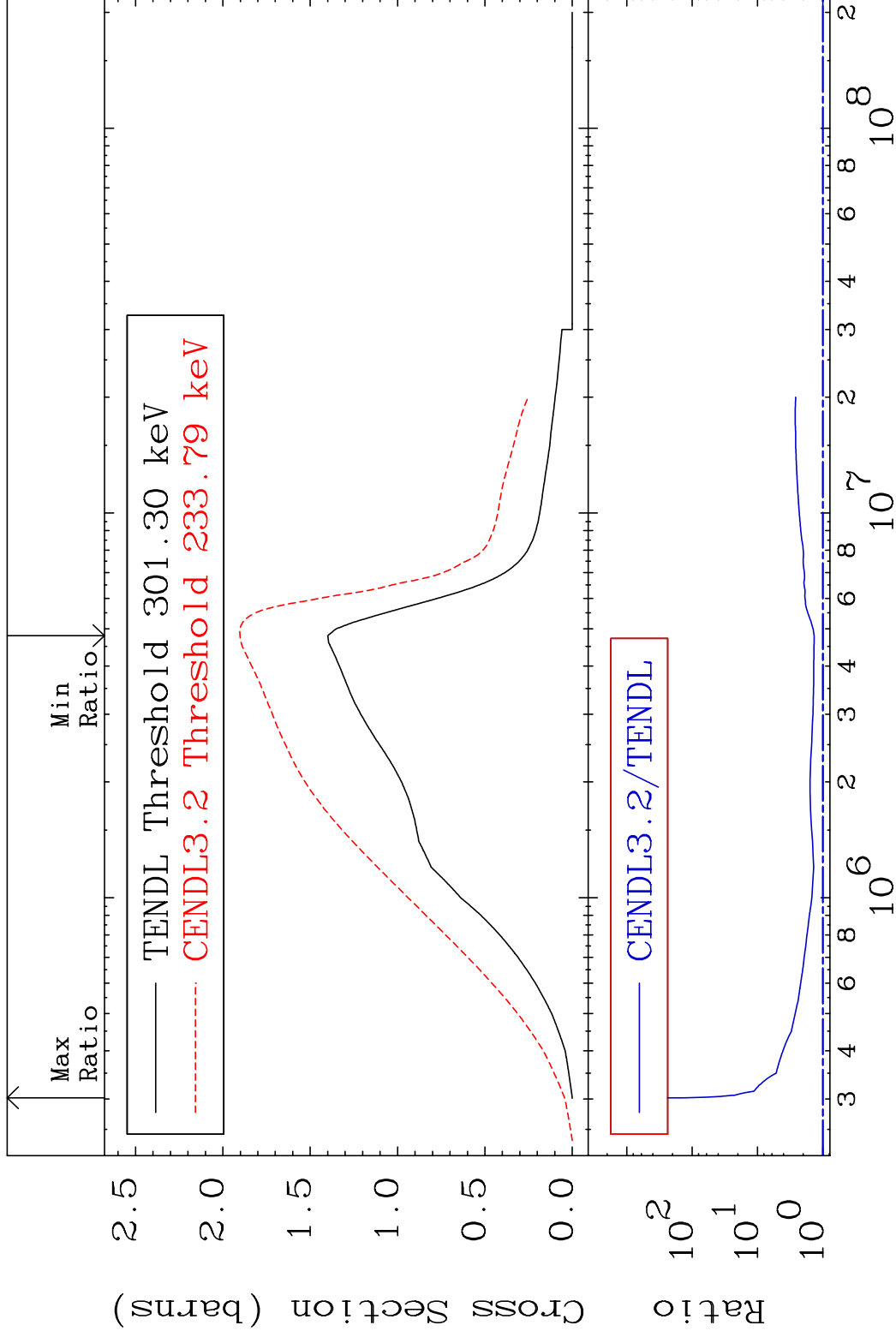


MAT 9349

(n, n') Continuum

93-Np-238

Cross Section 35.90 To 9999. %

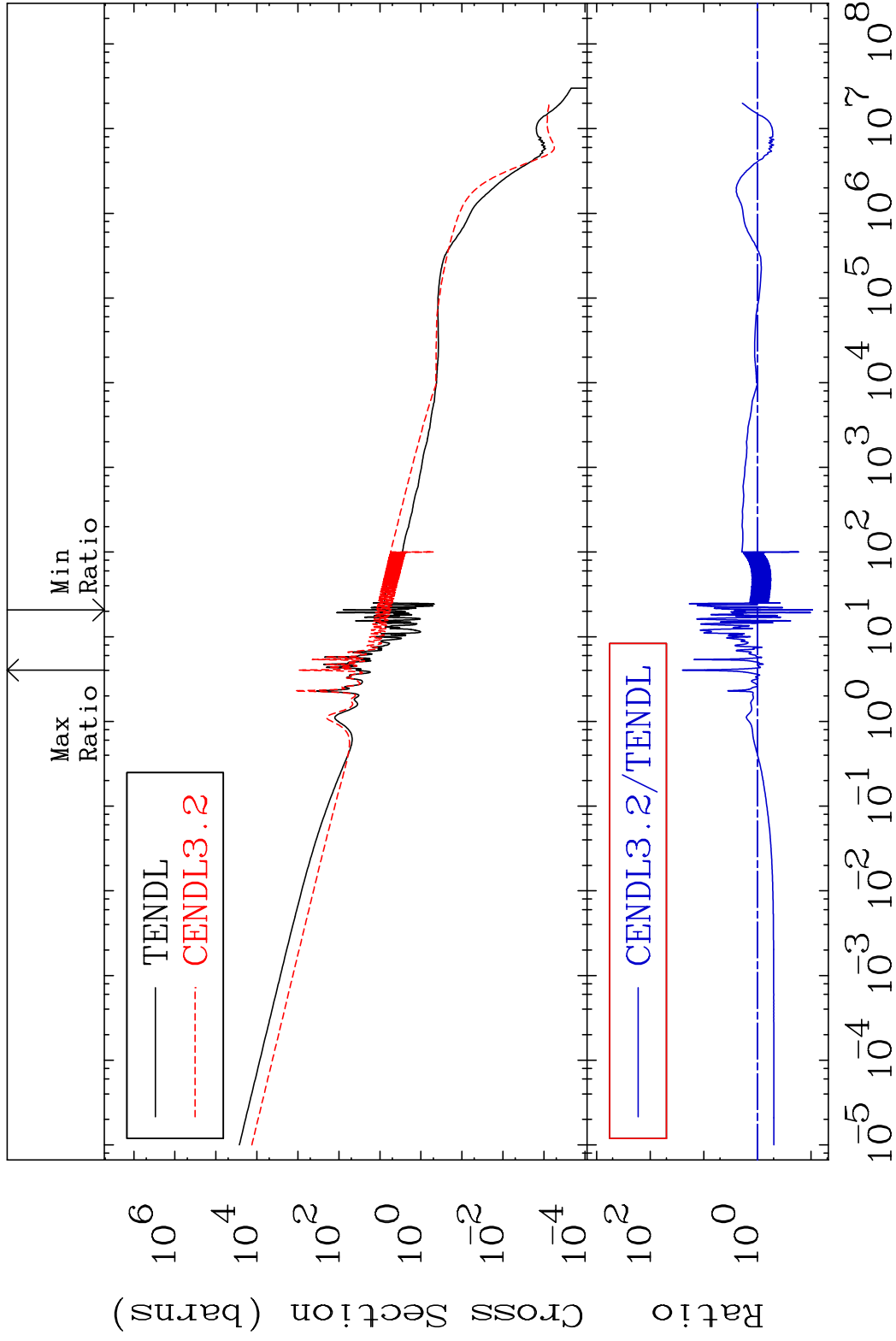


MAT 9349

(n,  $\gamma$ )

93-Np-238

Cross Section -90.65 To 2411. %



20

Incident Energy (eV)

93-Np-238

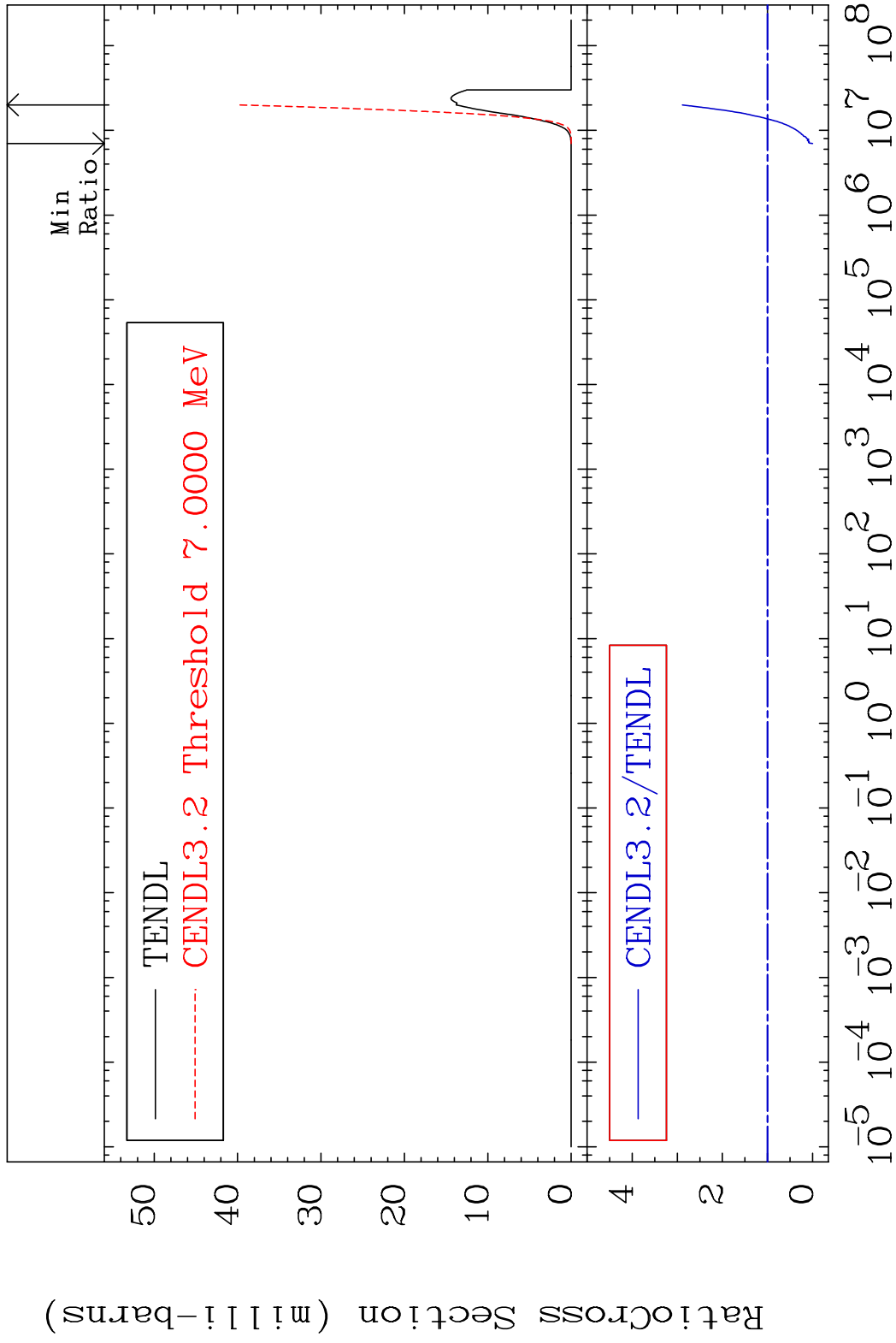
MAT 9349

(n, p)

93-Np-238

Cross Section

-100.0 To 188.8 %



21

Incident Energy (eV)

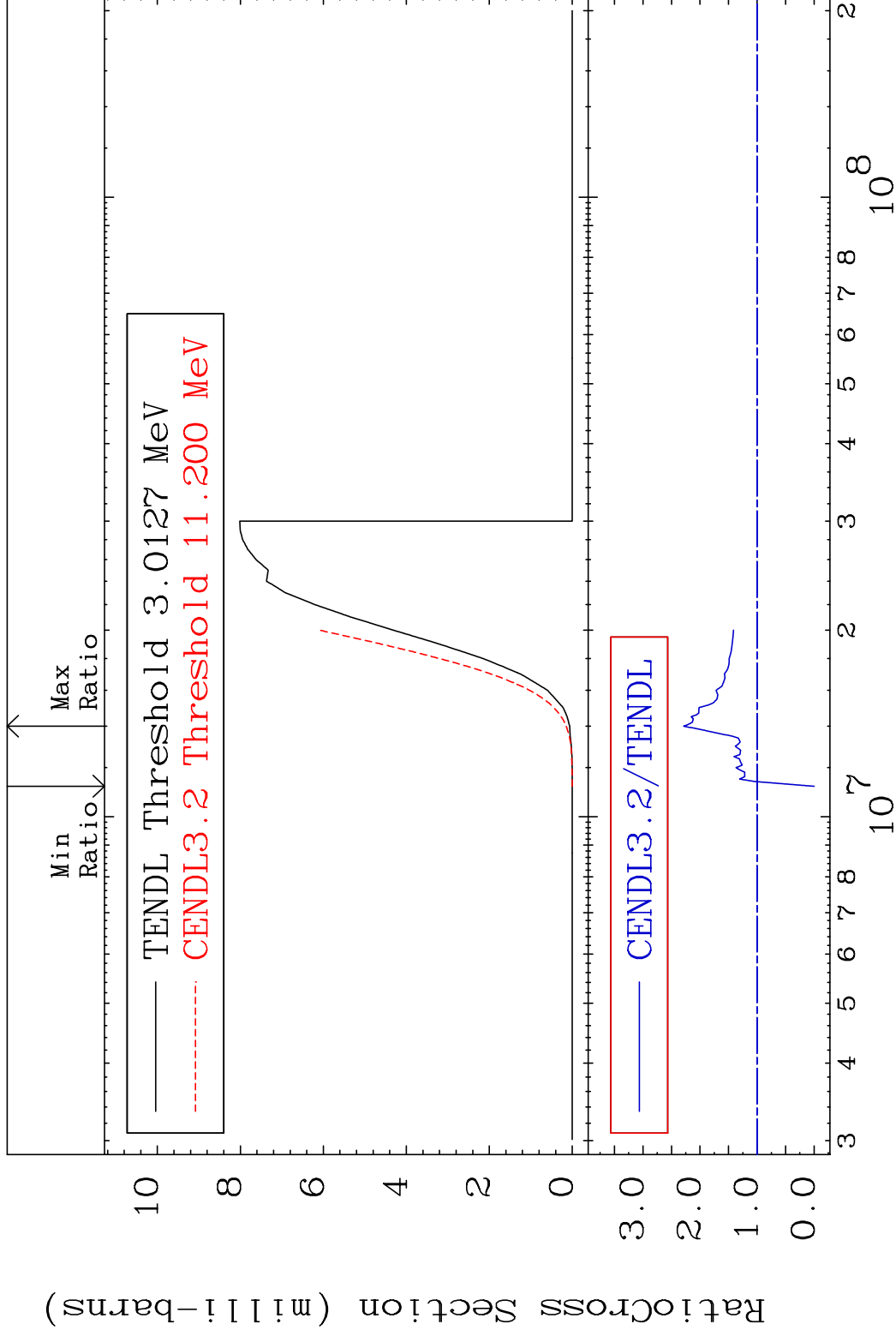
93-Np-238

MAT 9349

(n, d)

93-Np-238

Cross Section -100.0 To 128.6 %



22

Incident Energy (eV)

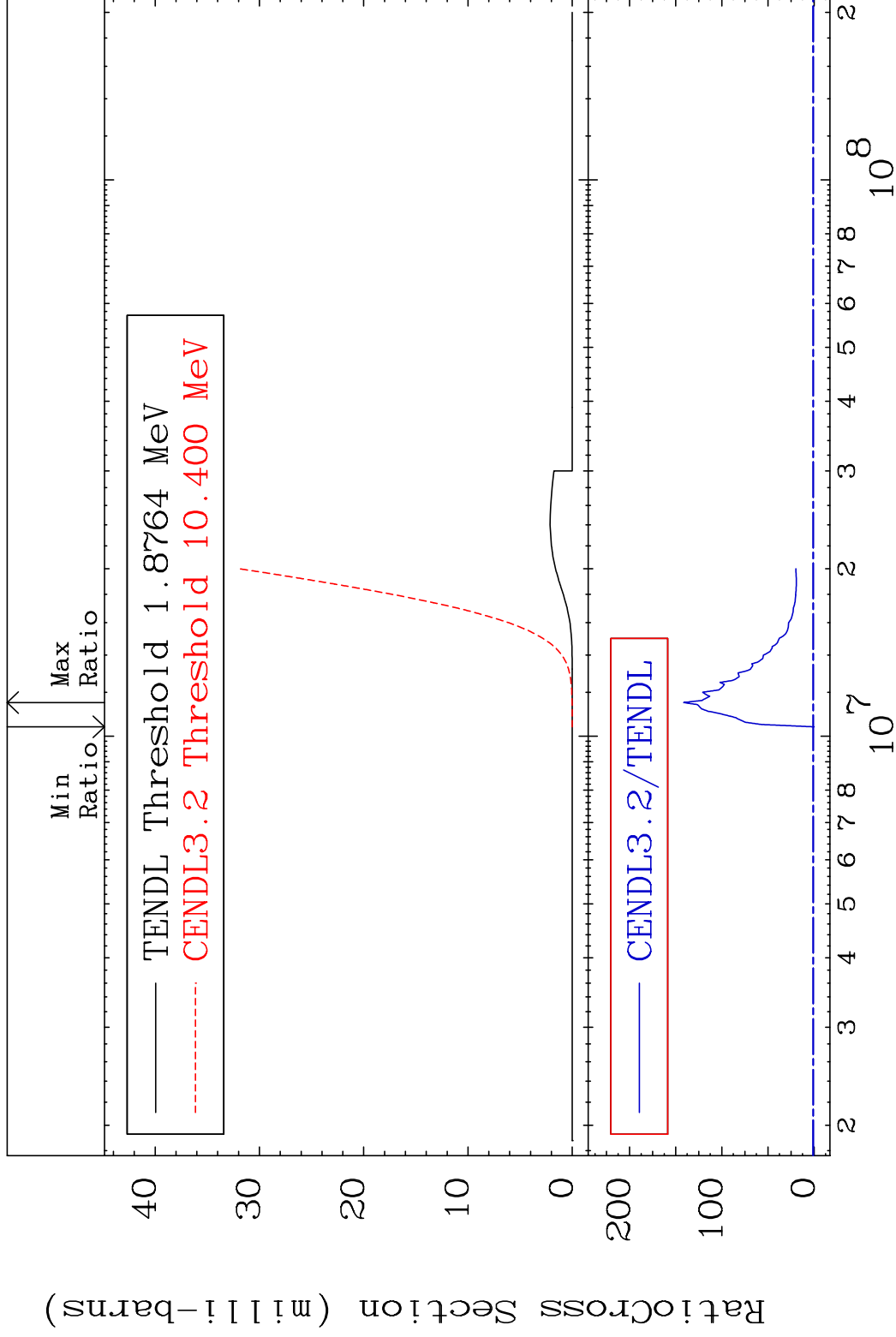
93-Np-238

MAT 9349

(n, t)

93-Np-238

Cross Section -100.0 To 9999. %



23

Incident Energy (eV)

93-Np-238

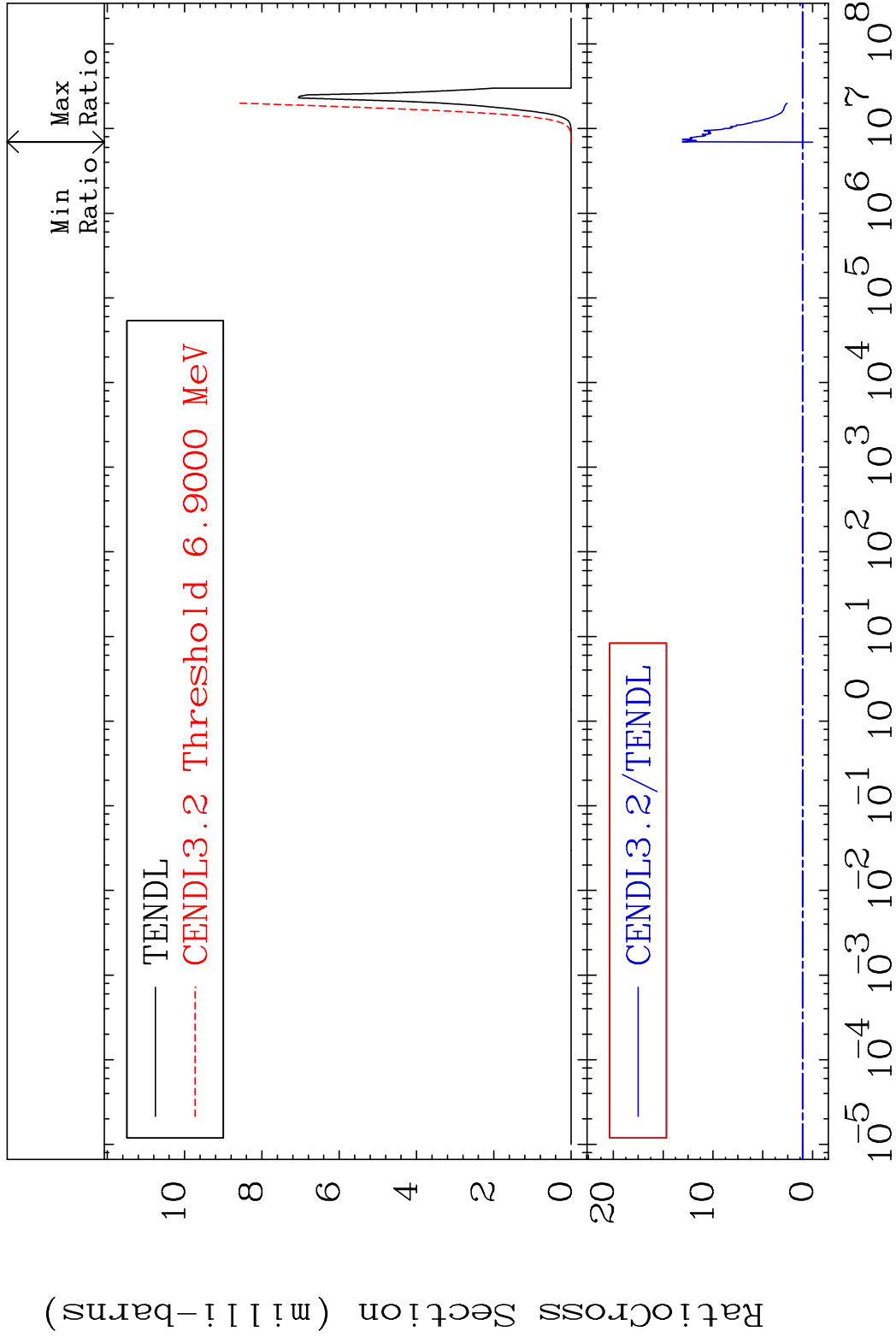


MAT 9349

(n,  $\alpha$ )

93-Np-238

Cross Section -100.0 To 1207. %



24

Incident Energy (eV)

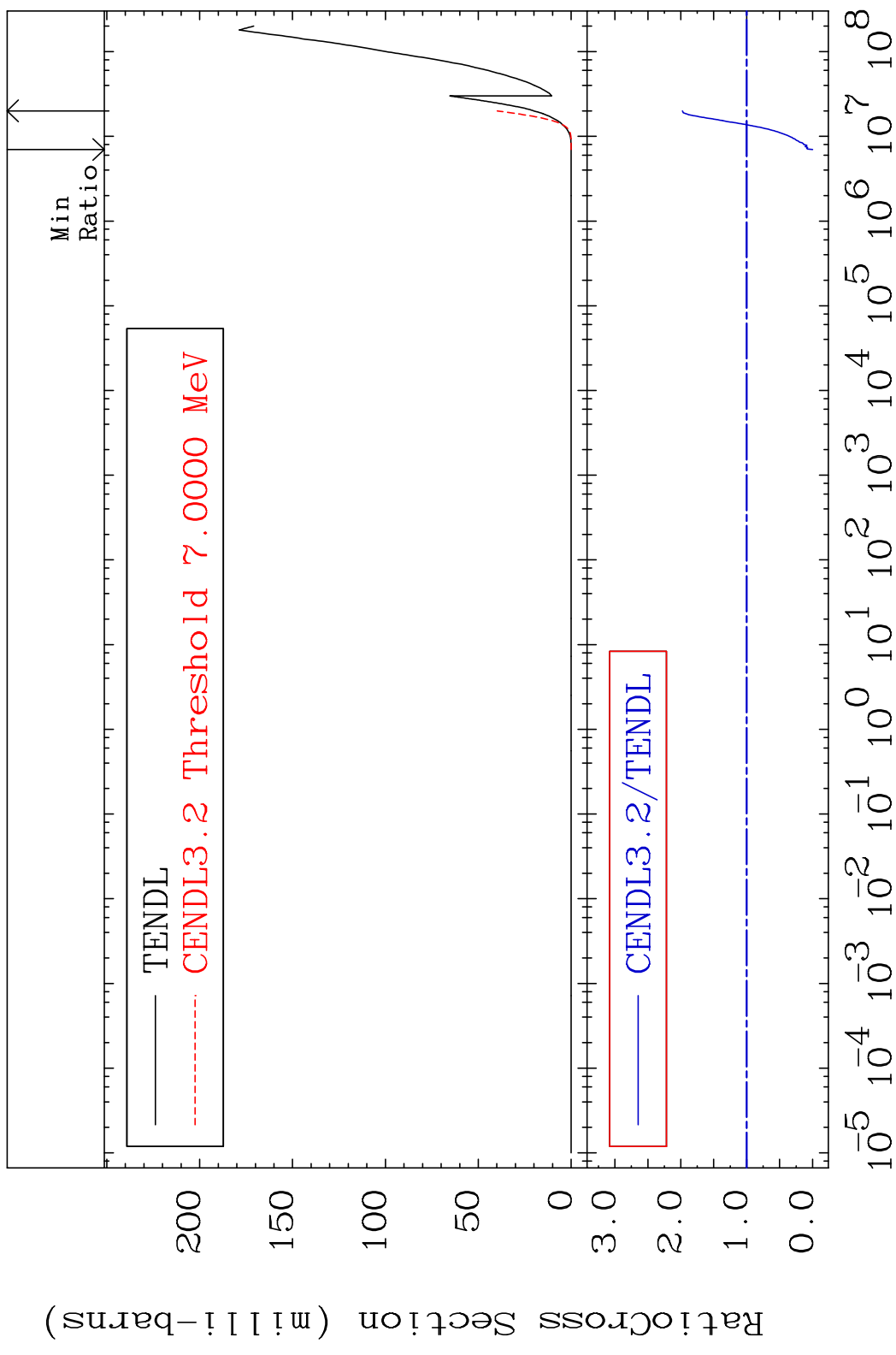
93-Np-238

MAT 9349

Hydrogen Production

93-Np-238

Cross Section -100.0 To 97.63 %



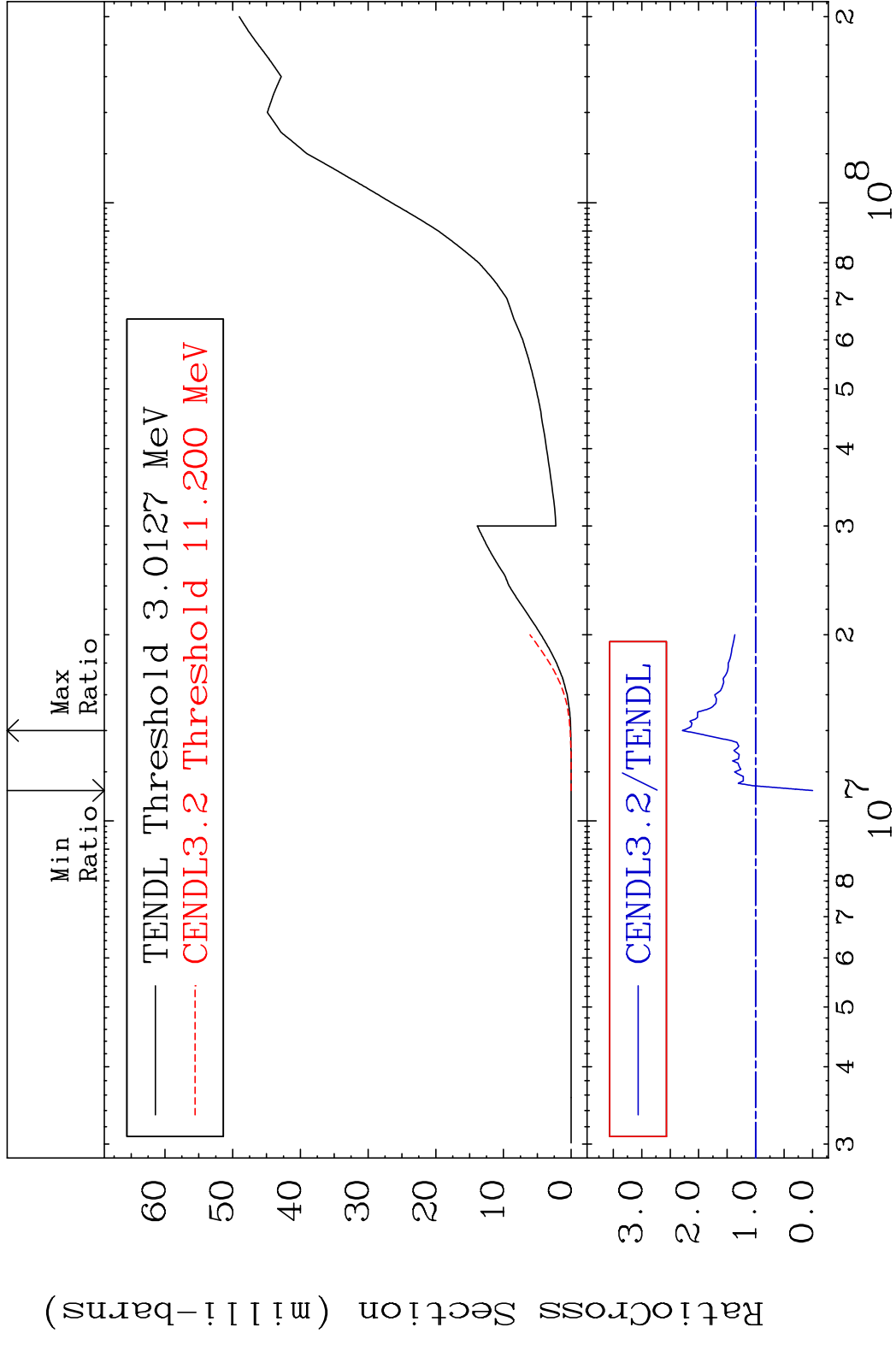
25

Incident Energy (eV)

93-Np-238

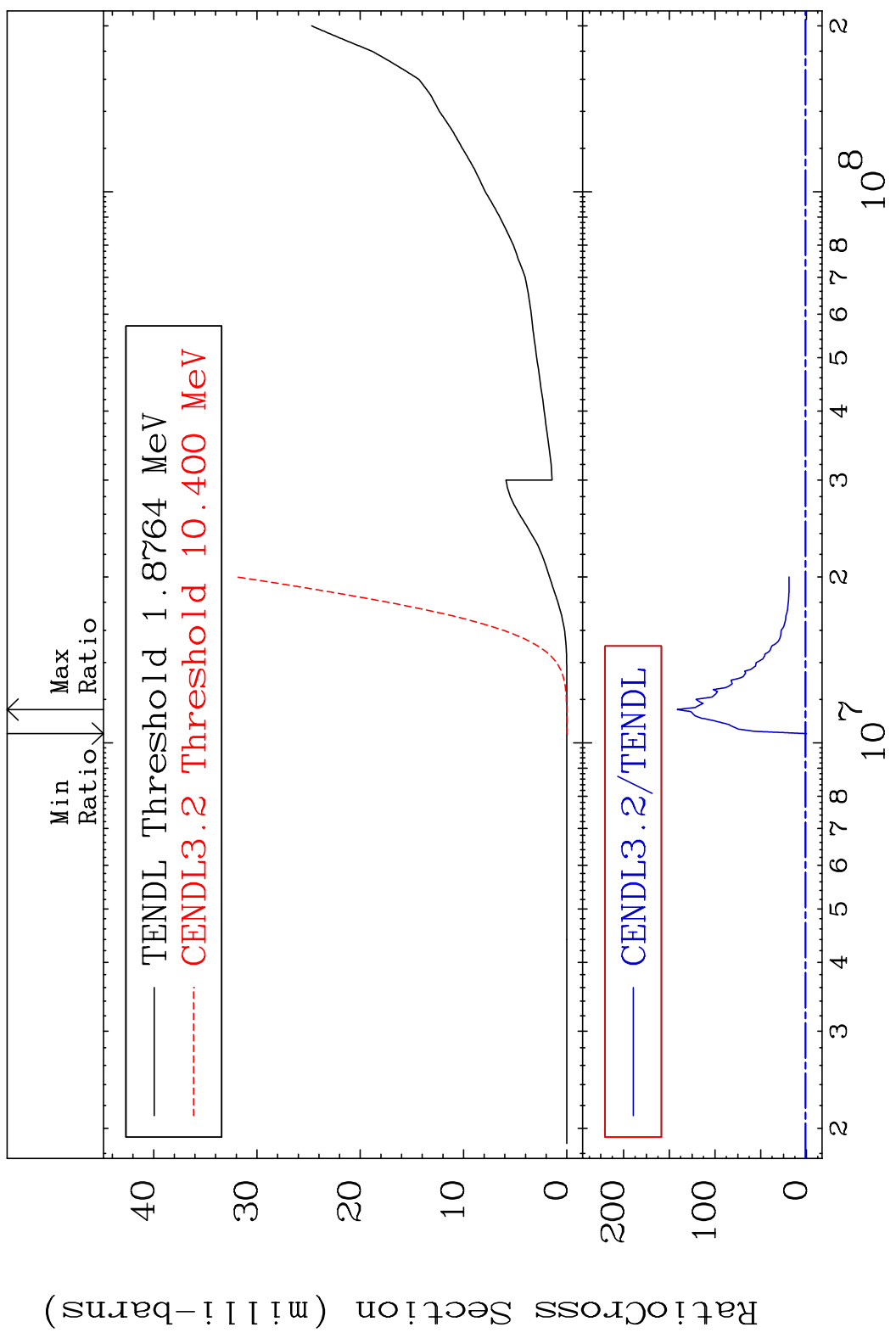
MAT 9349

Deuterium Production 93-Np-238  
Cross Section -100.0 To 128.6 %



MAT 9349

Tritium Production <sup>93</sup>Np-238  
Cross Section -100.0 To 9999. %

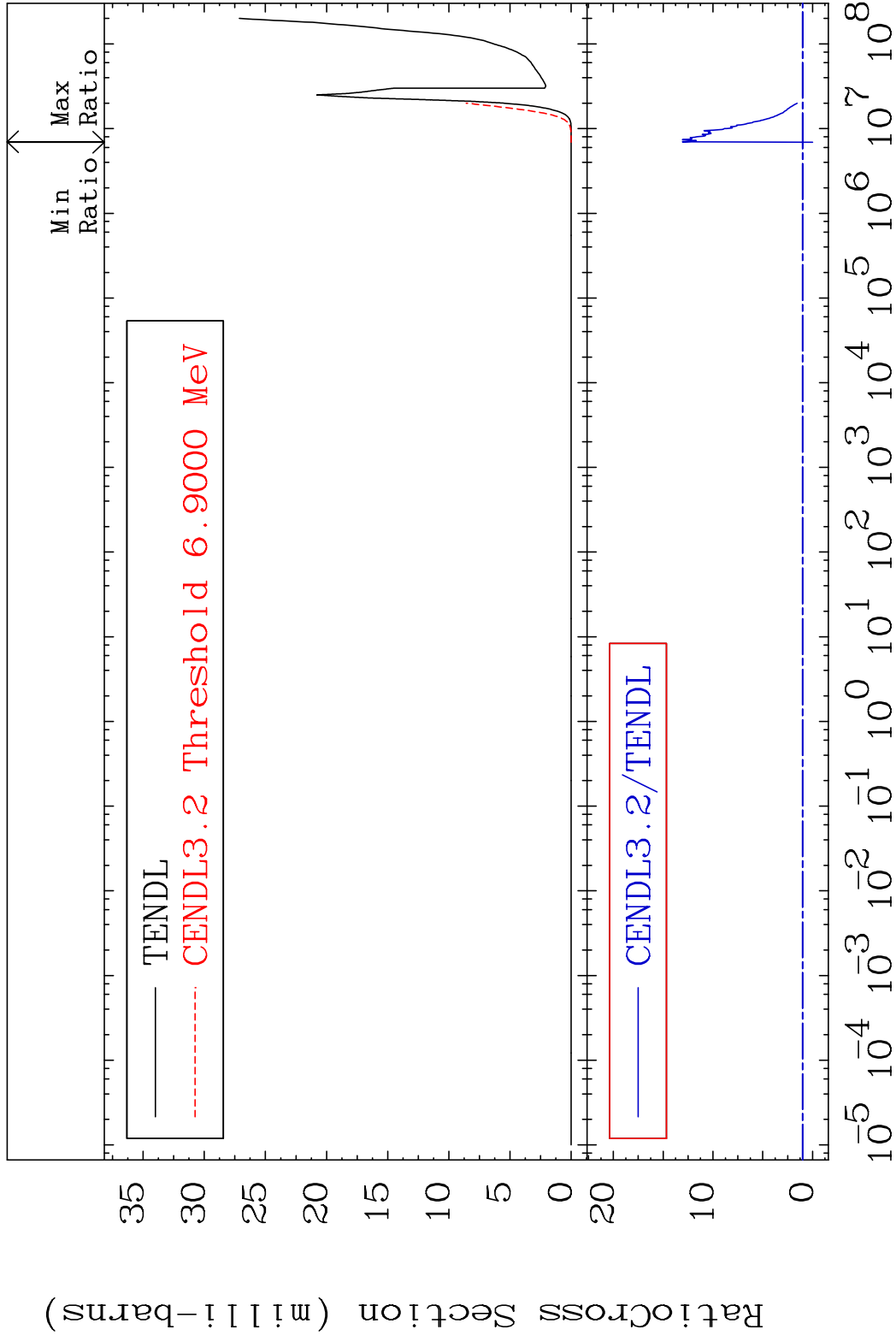


MAT 9349

He-4 Production

93-Np-238

Cross Section -100.0 To 1207. %

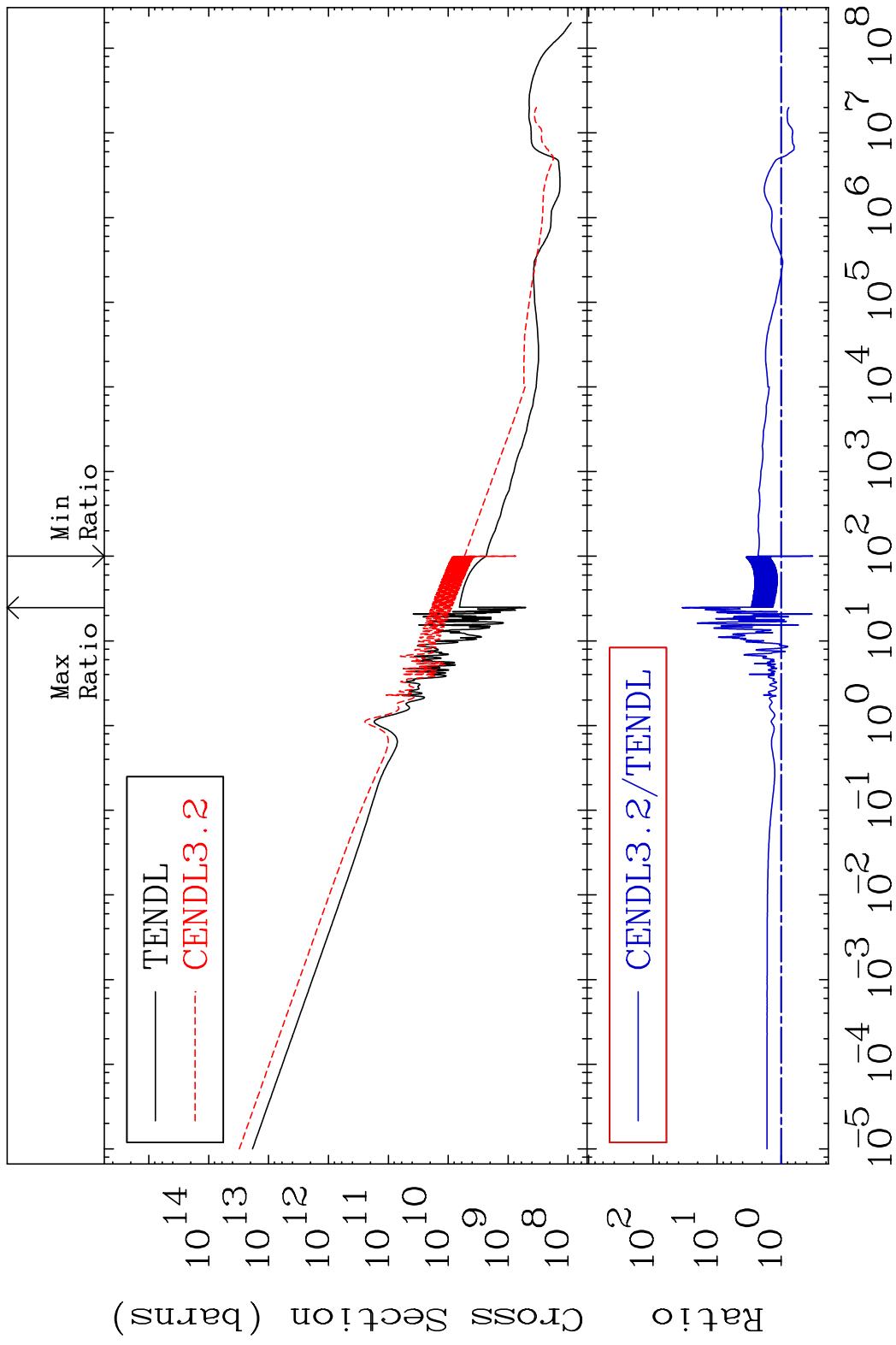


28

Incident Energy (eV)

93-Np-238

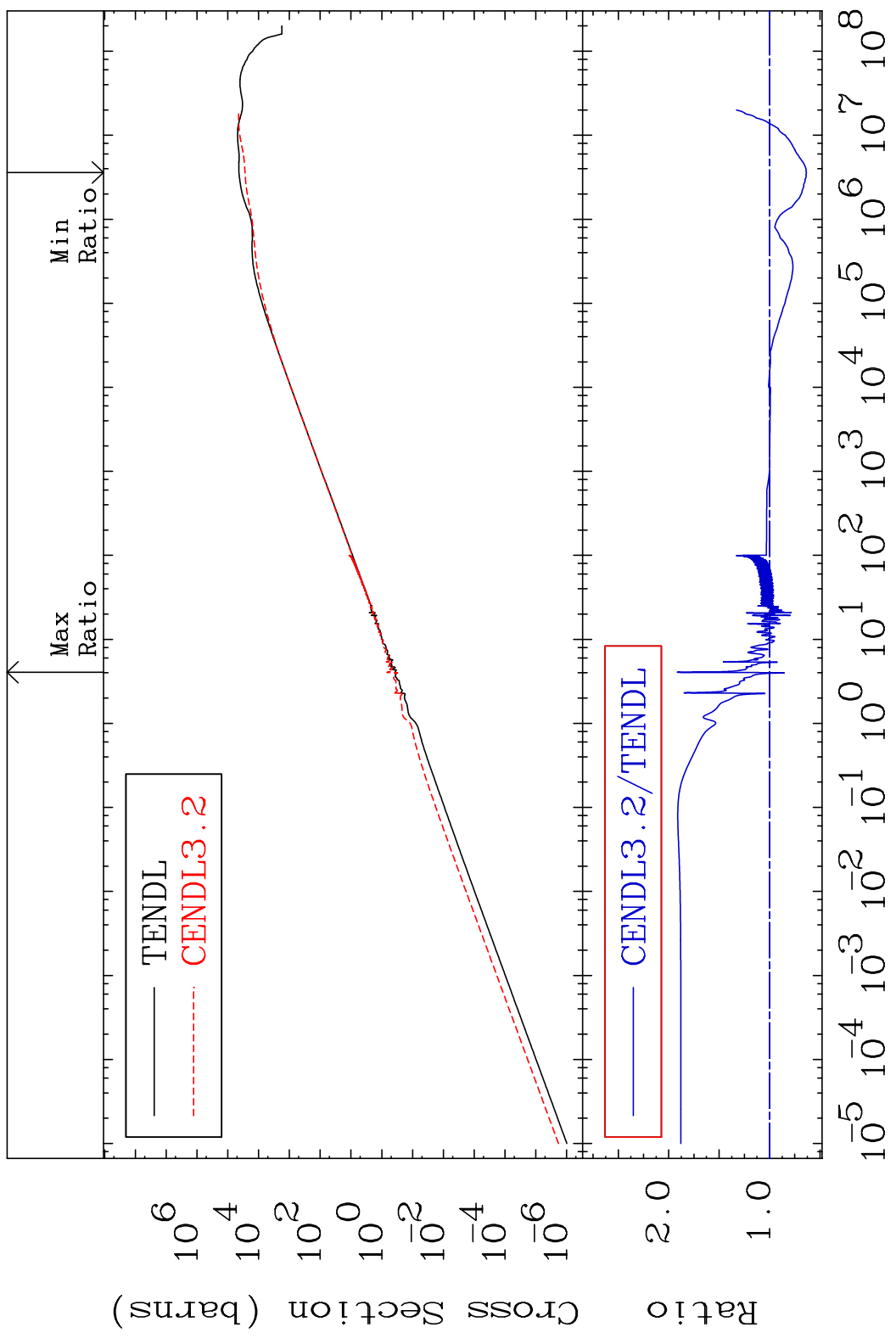
MAT 9349 Kerma total (eV-barns) 93-Np-238  
 Cross Section -67.51 To 3373. %



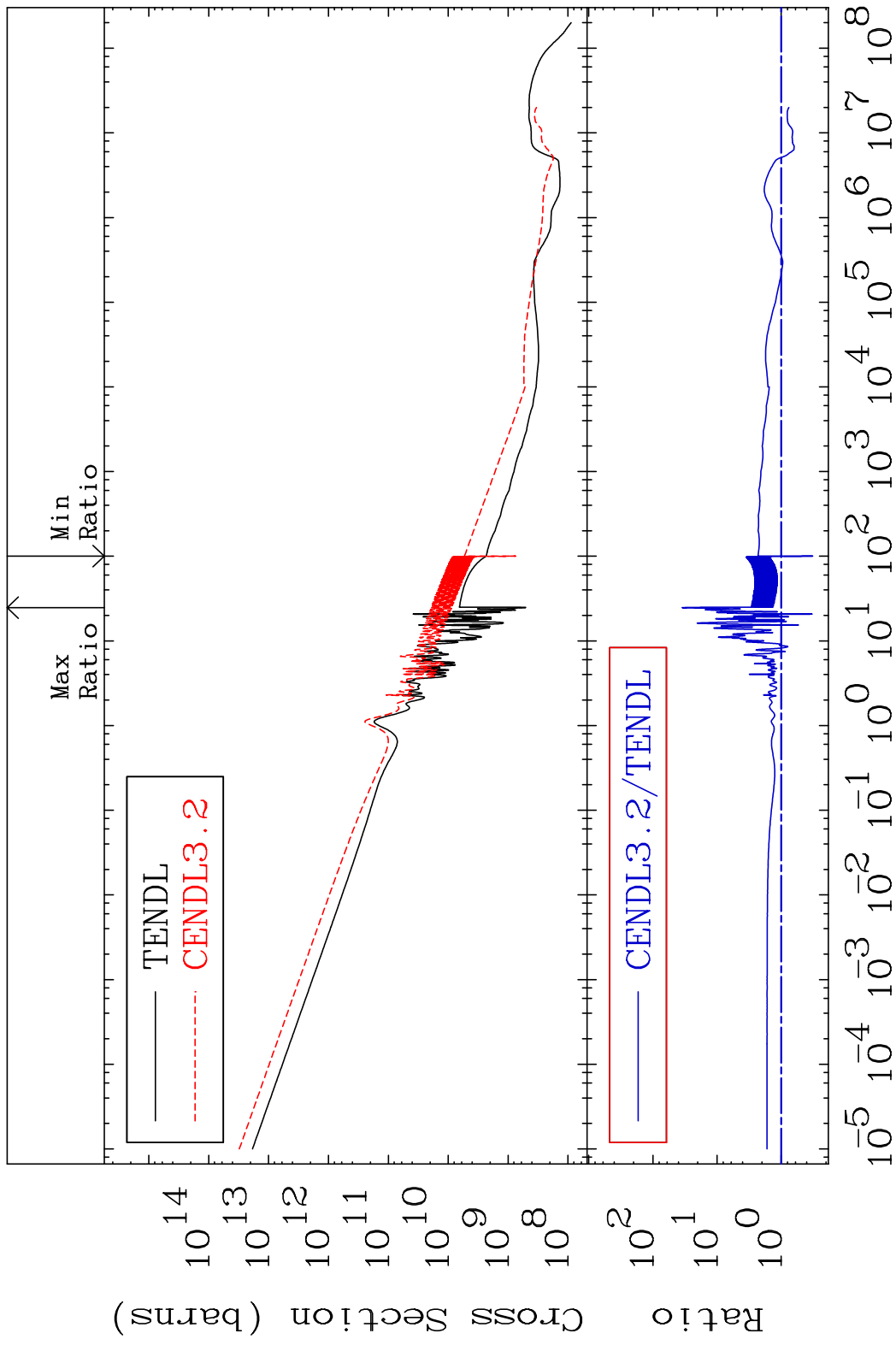
MAT 9349

Kerma elastic Cross Section -36.56 To 91.59 %

93-Np-238

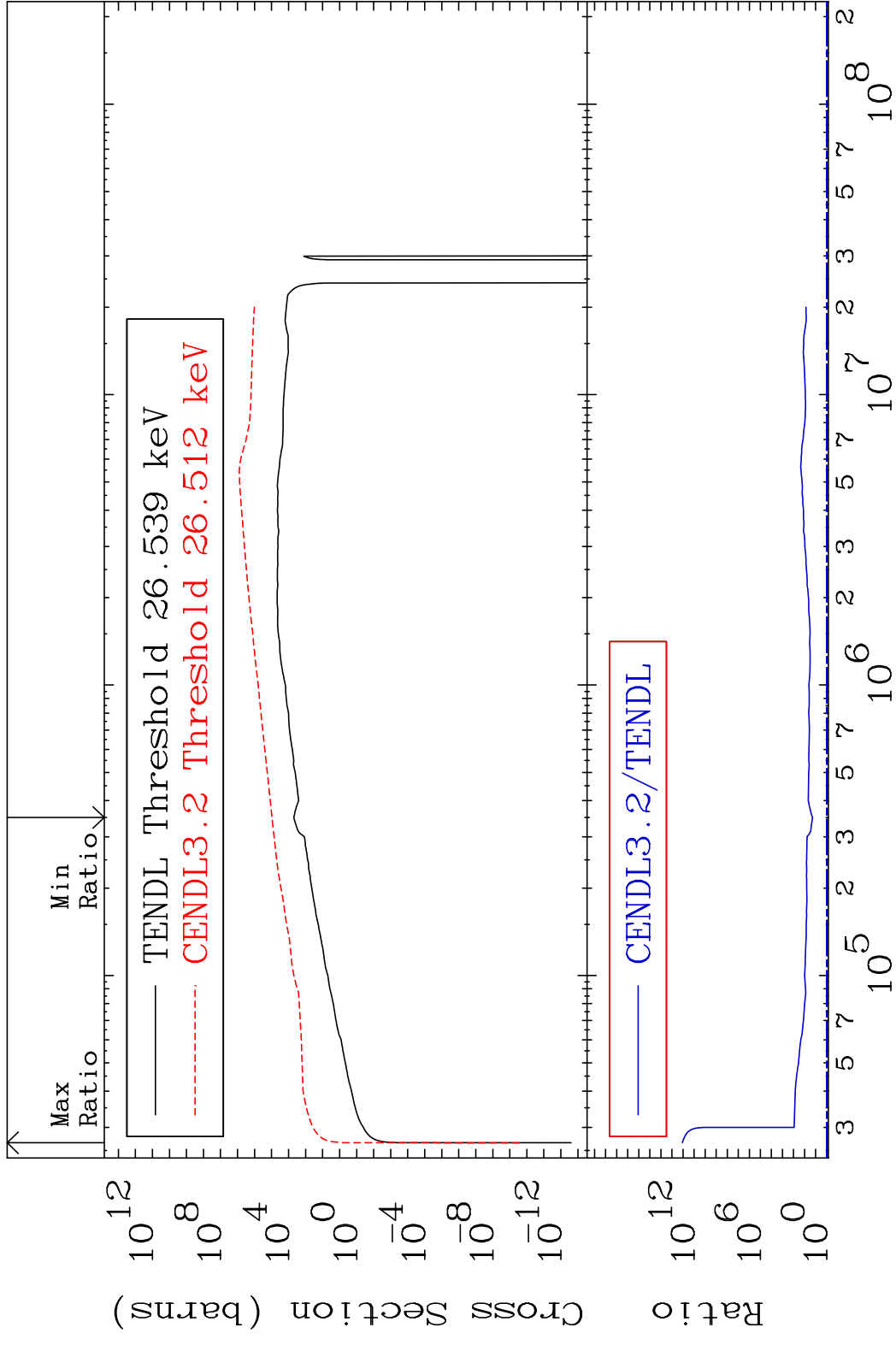


MAT 9349 Kerma non-elastic (all but mt2) 93-Np-238  
 Cross Section -67.51 To 3373. %

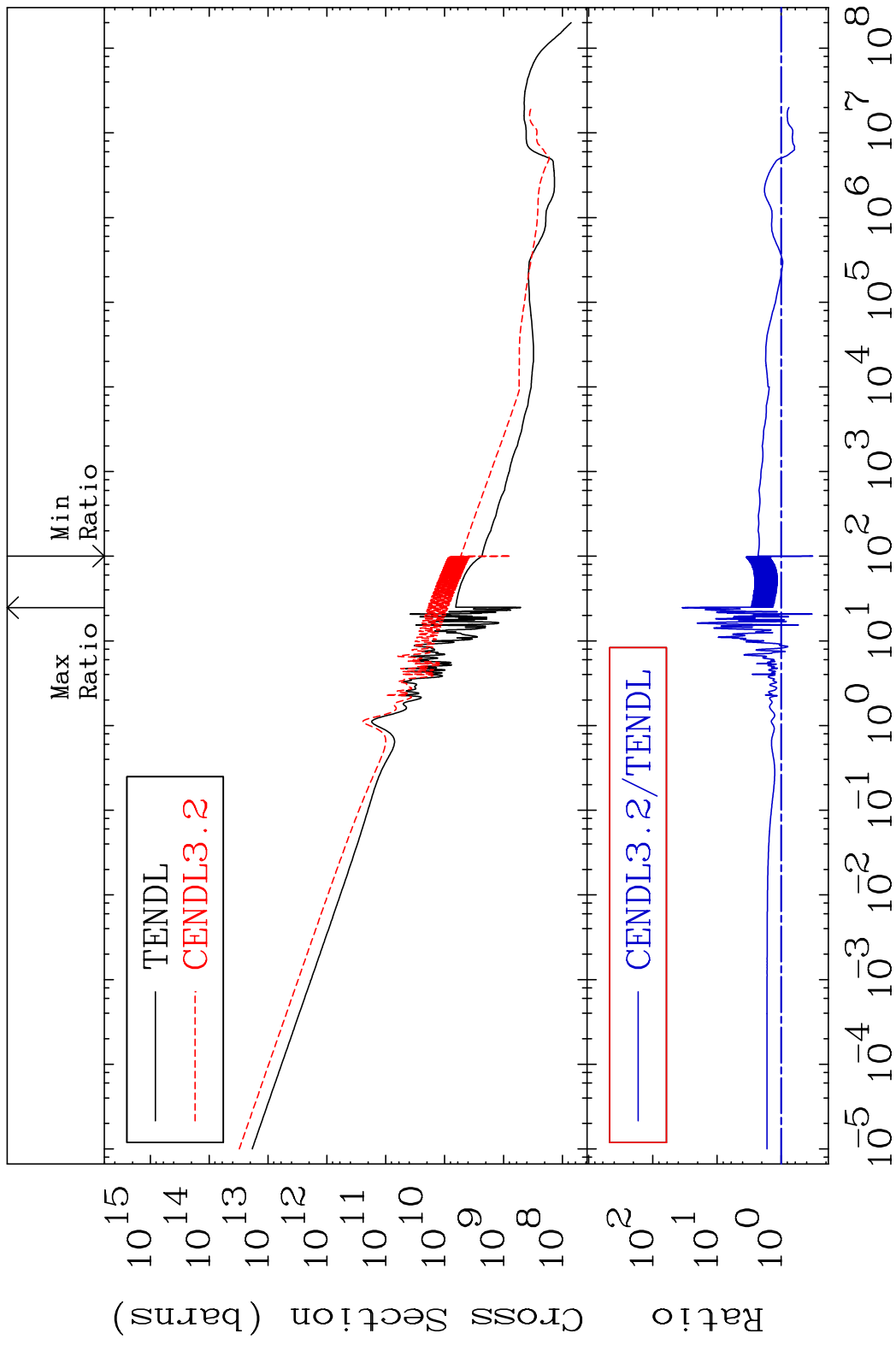




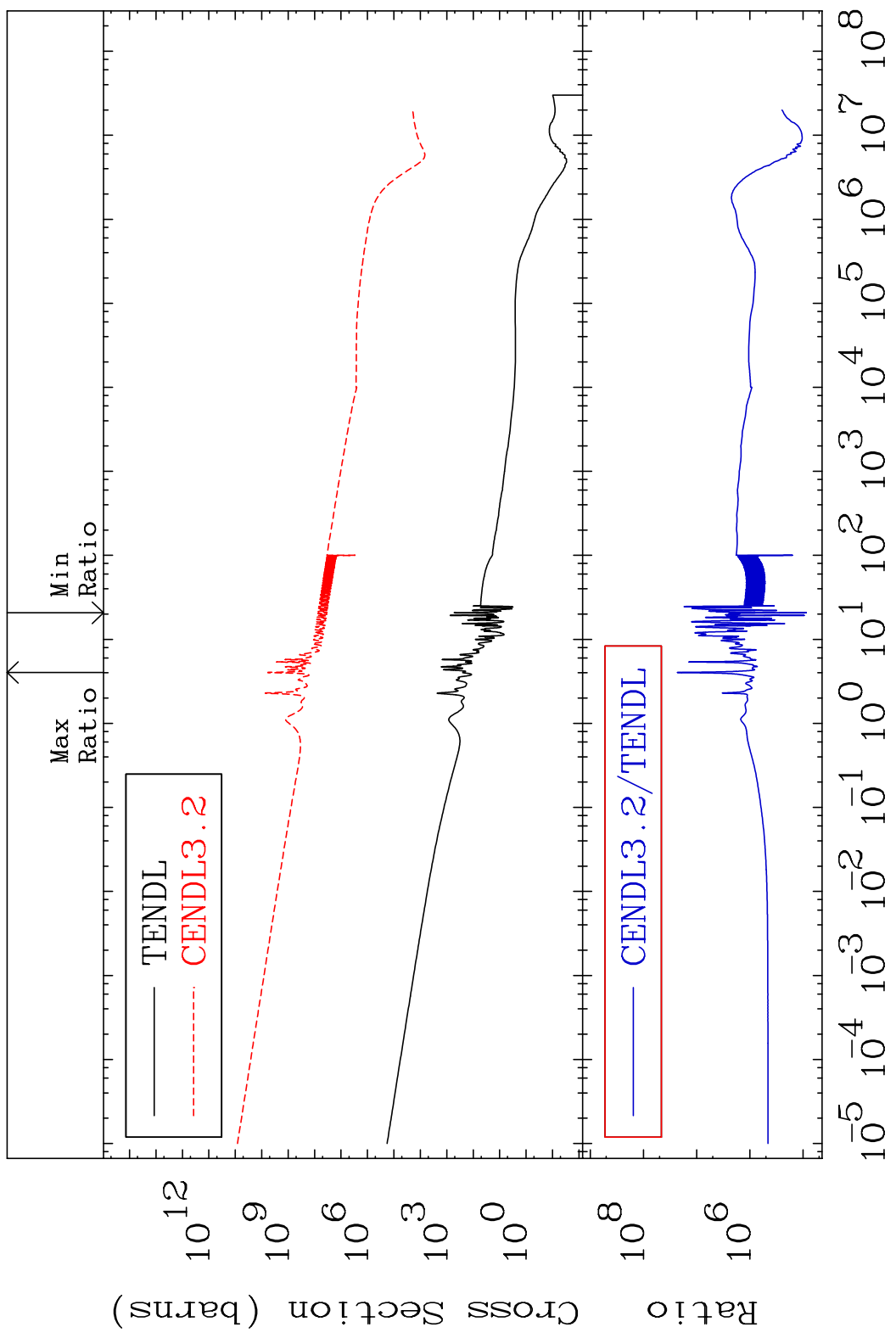
MAT 9349 Kerma inelastic (mt51-91) 93-Np-238  
 Cross Section 1810. To 9999. %



MAT 9349 Kerma fission (mt18 or mt19-20-21-38) 93-Np-238  
 Cross Section -67.64 To 3361. %

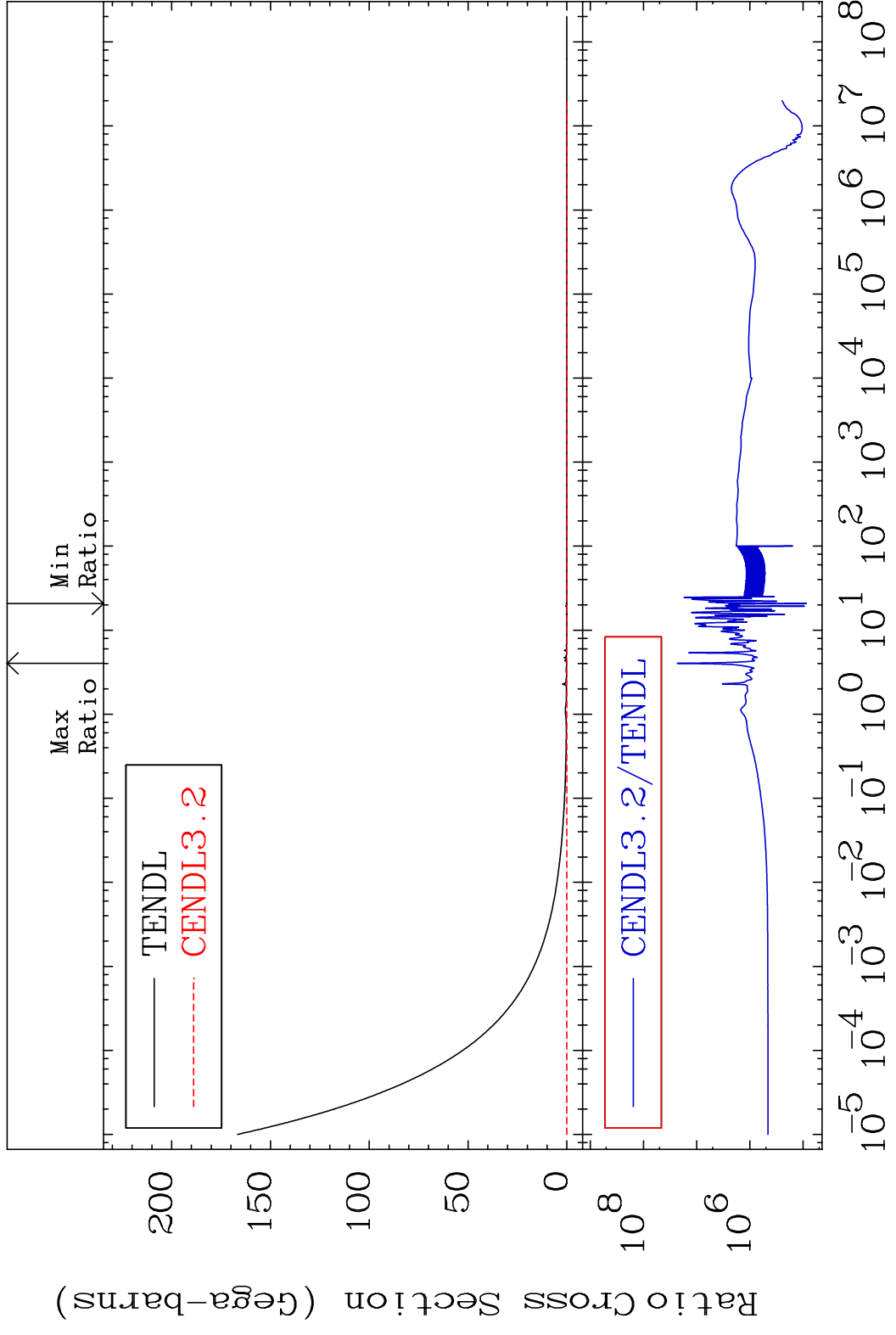


33 Incident Energy (eV) 93-Np-238

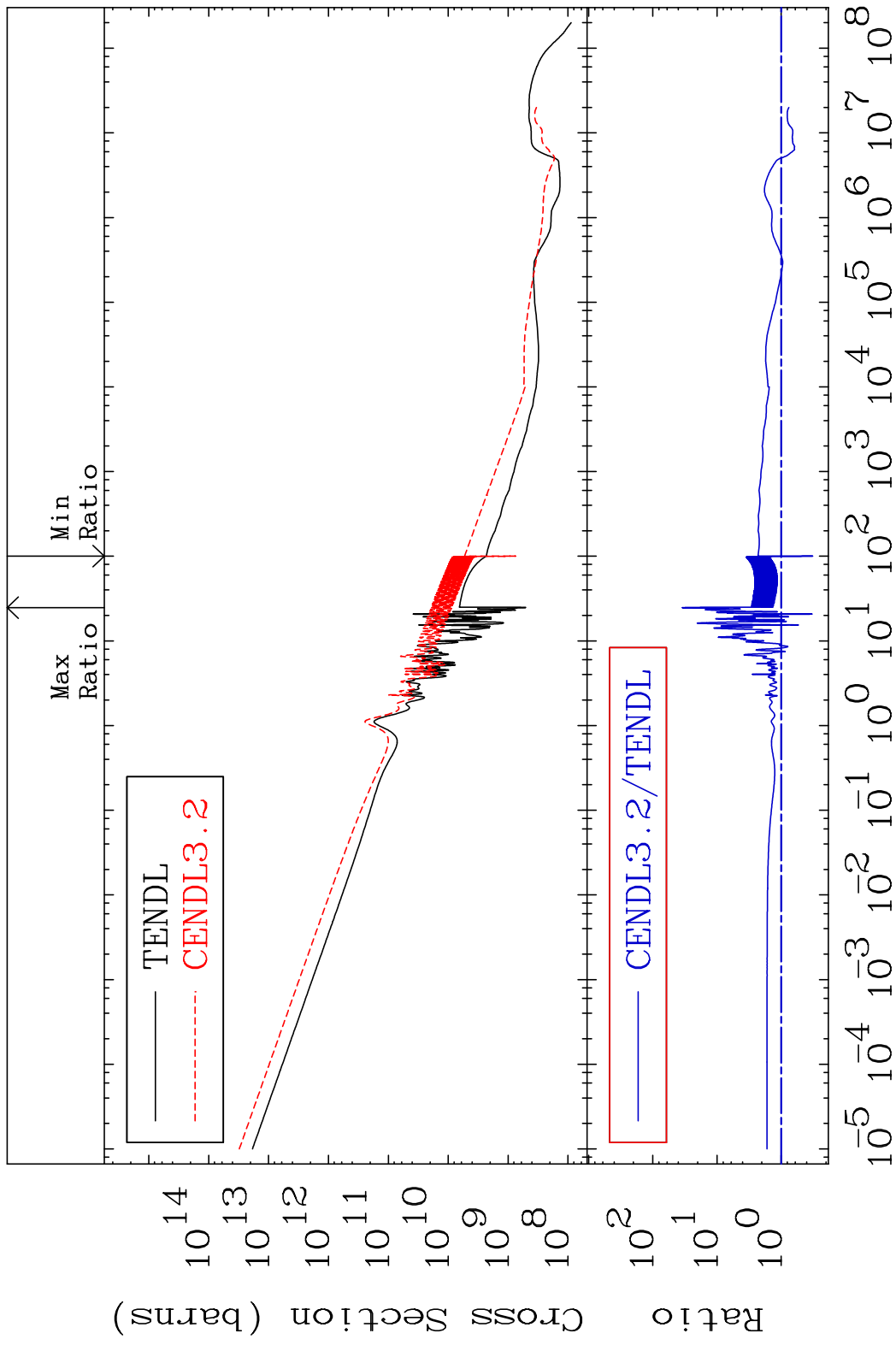


MAT 9349

Total photon (eV-barns) 93-Np-238  
Cross Section 9999. To 9999. %



MAT 9349 Total kinematic kerma (high limit) 93-Np-238  
 Cross Section -67.64 To 3361. %

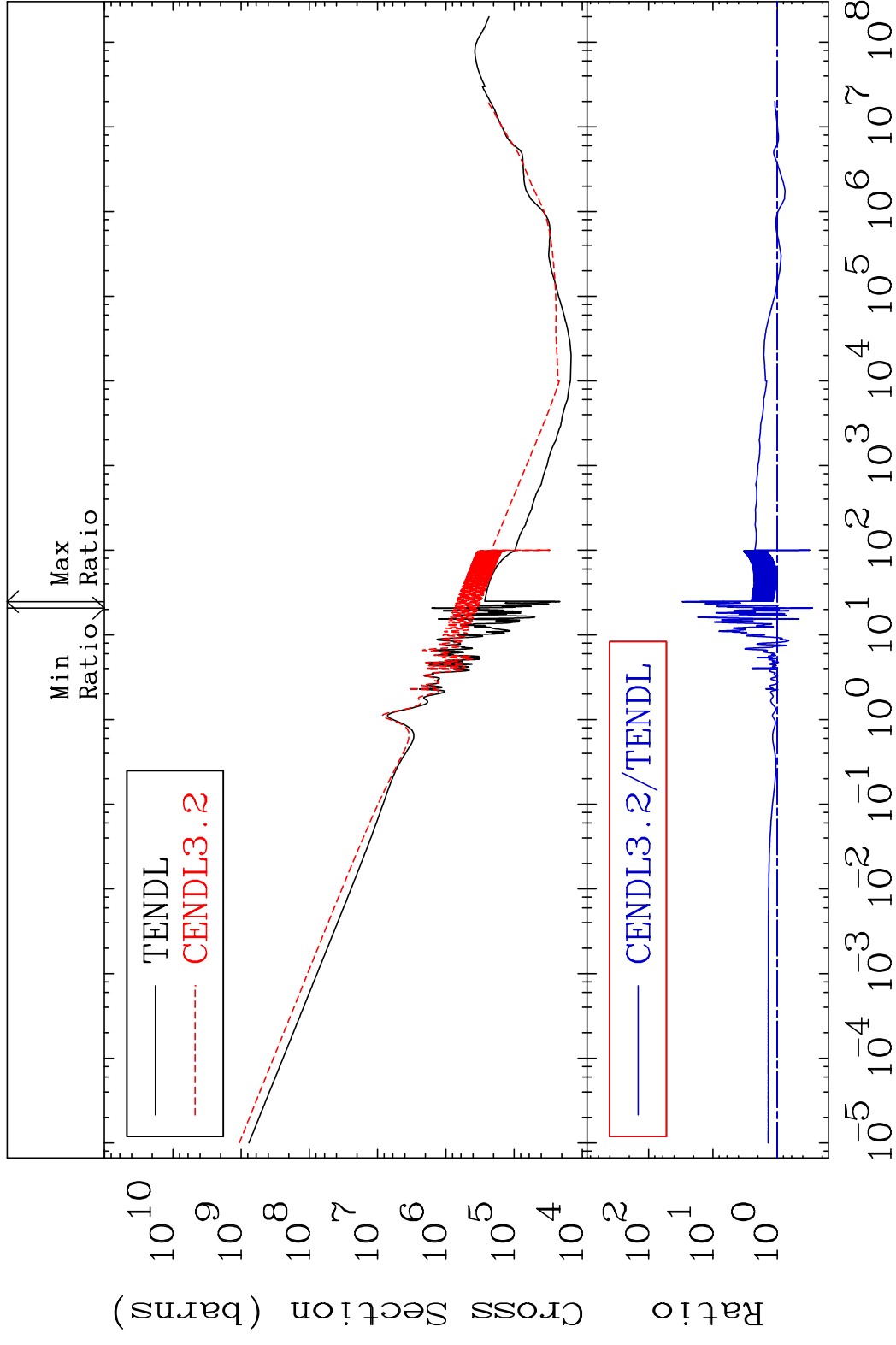


MAT 9349

Dpa total (eV-barns)

93-Np-238

Cross Section -71.74 To 2885. %



37

Incident Energy (eV)

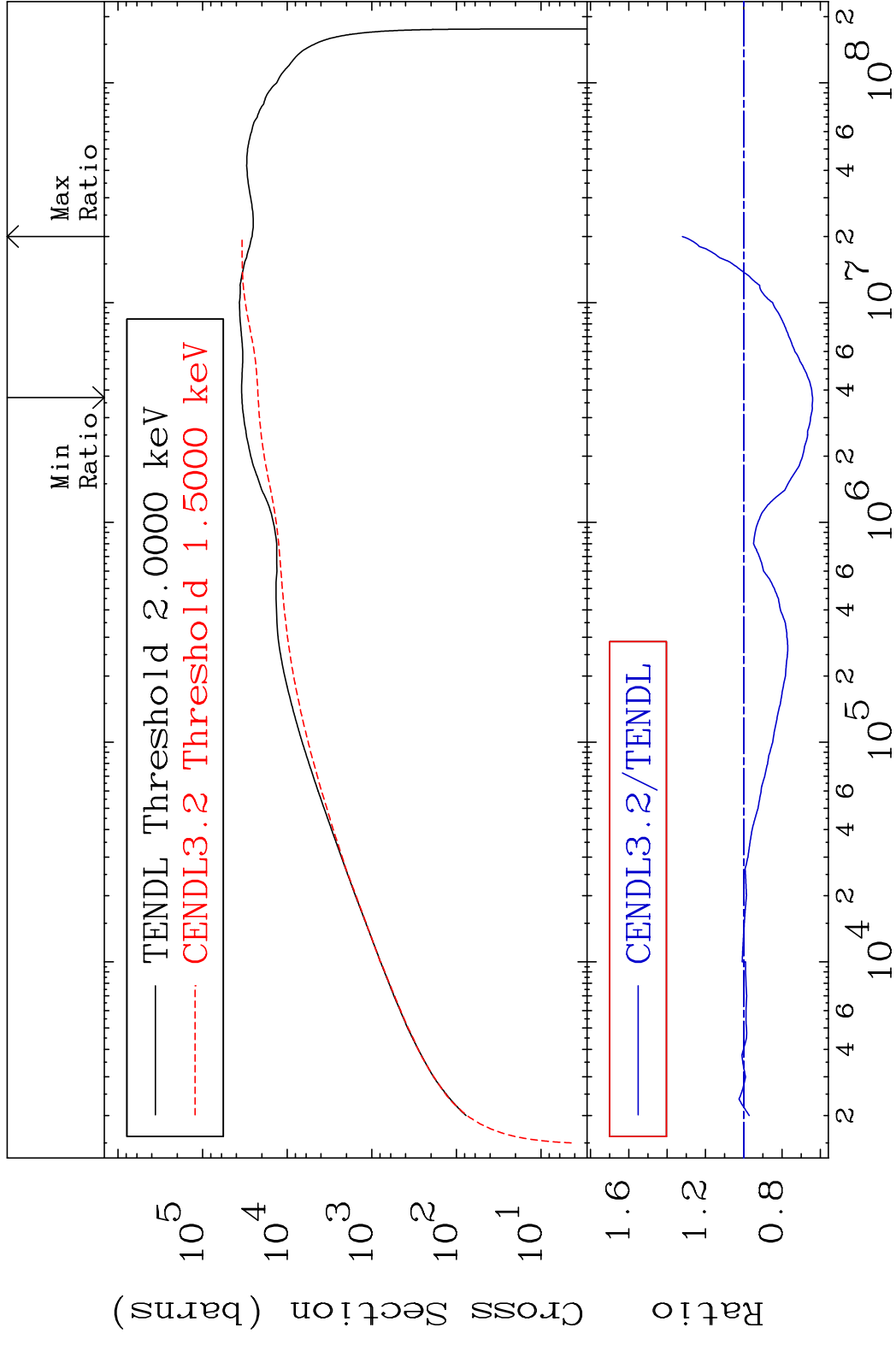
93-Np-238

MAT 9349

Dpa elastic (mt2)

93-Np-238

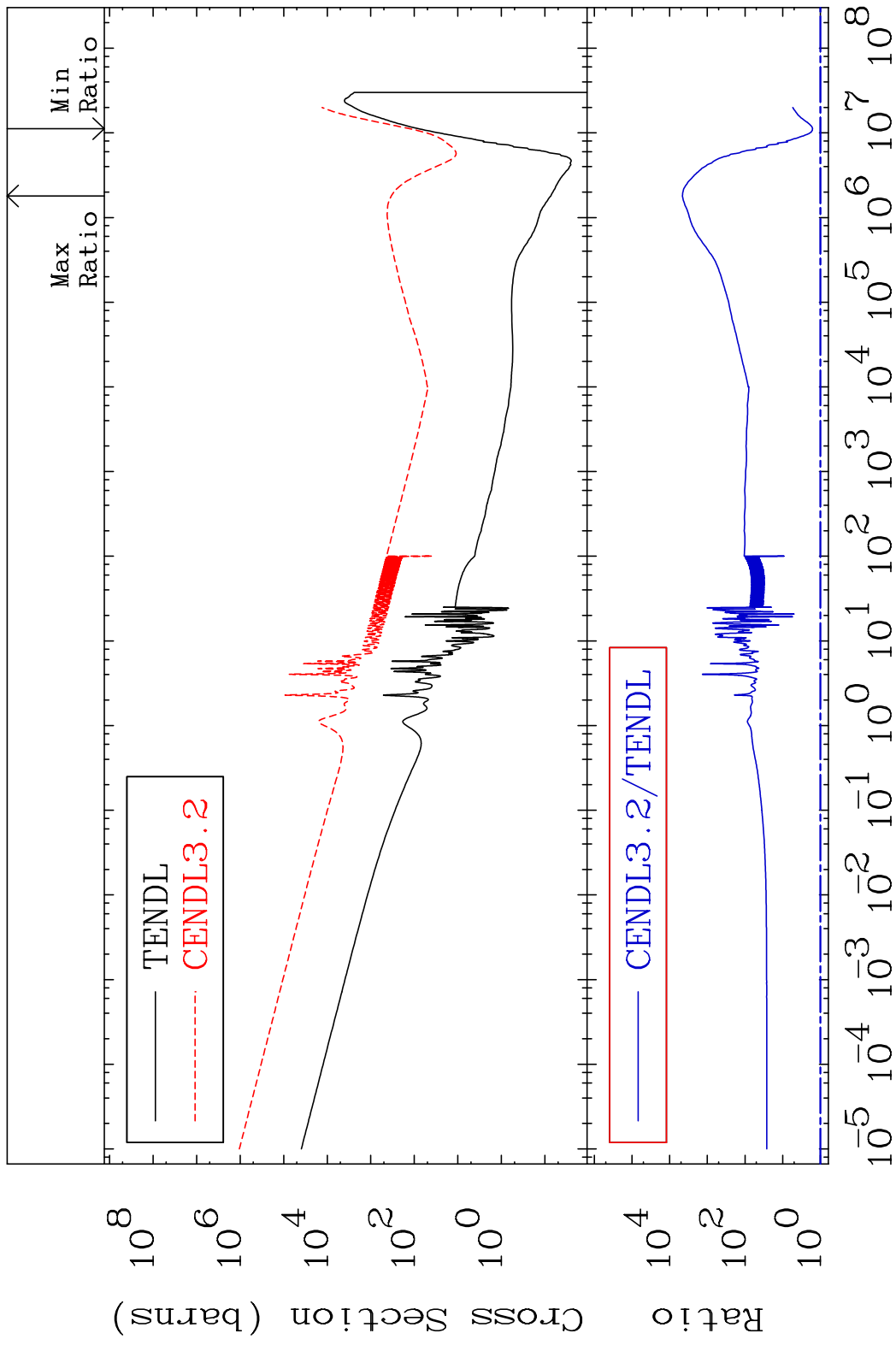
Cross Section -35.90 To 32.03 %





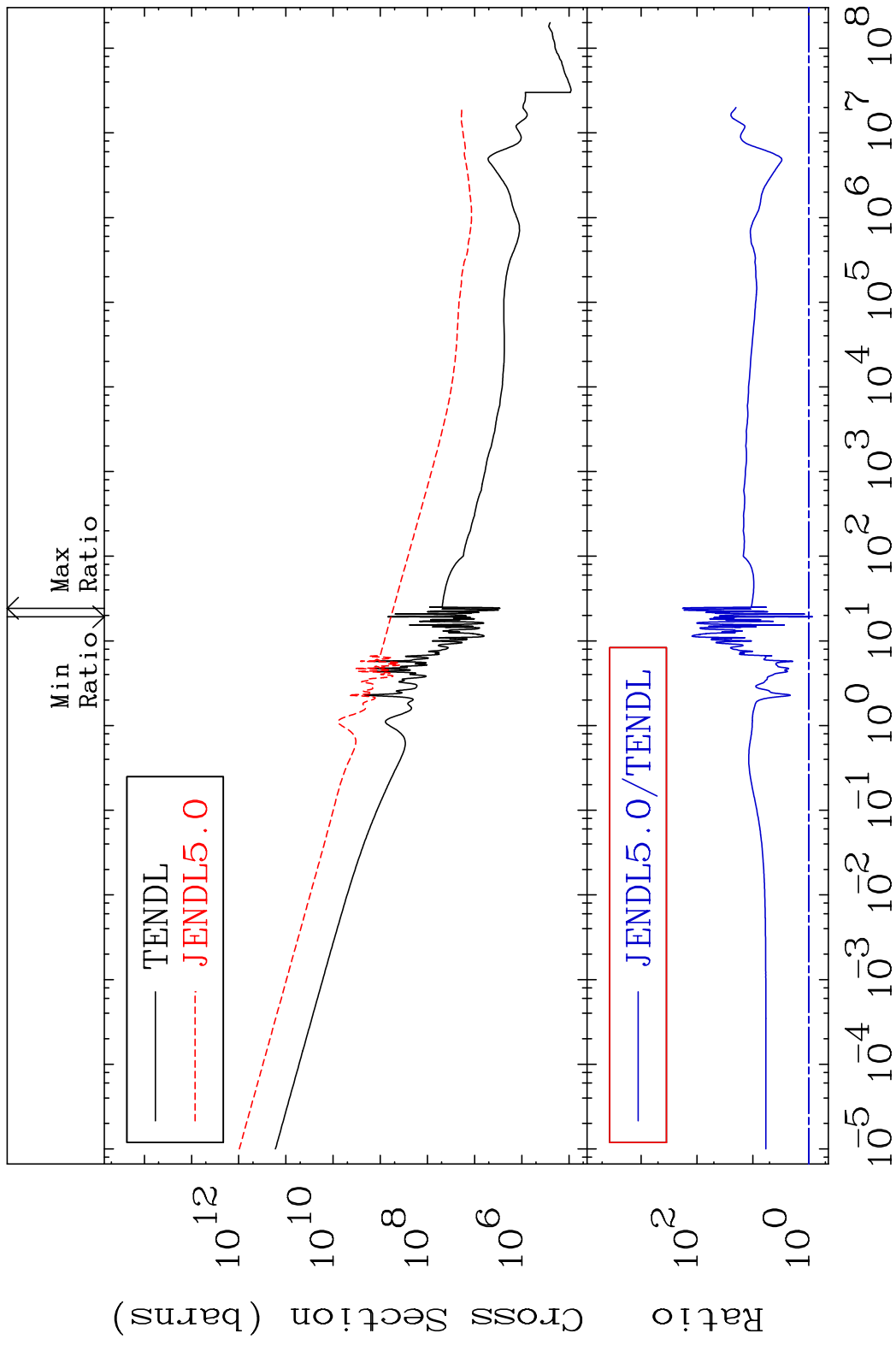


MAT 9349 Dpa disappearance (mt102 -120) 93-Np-238  
 Cross Section 61.30 To 9999. %

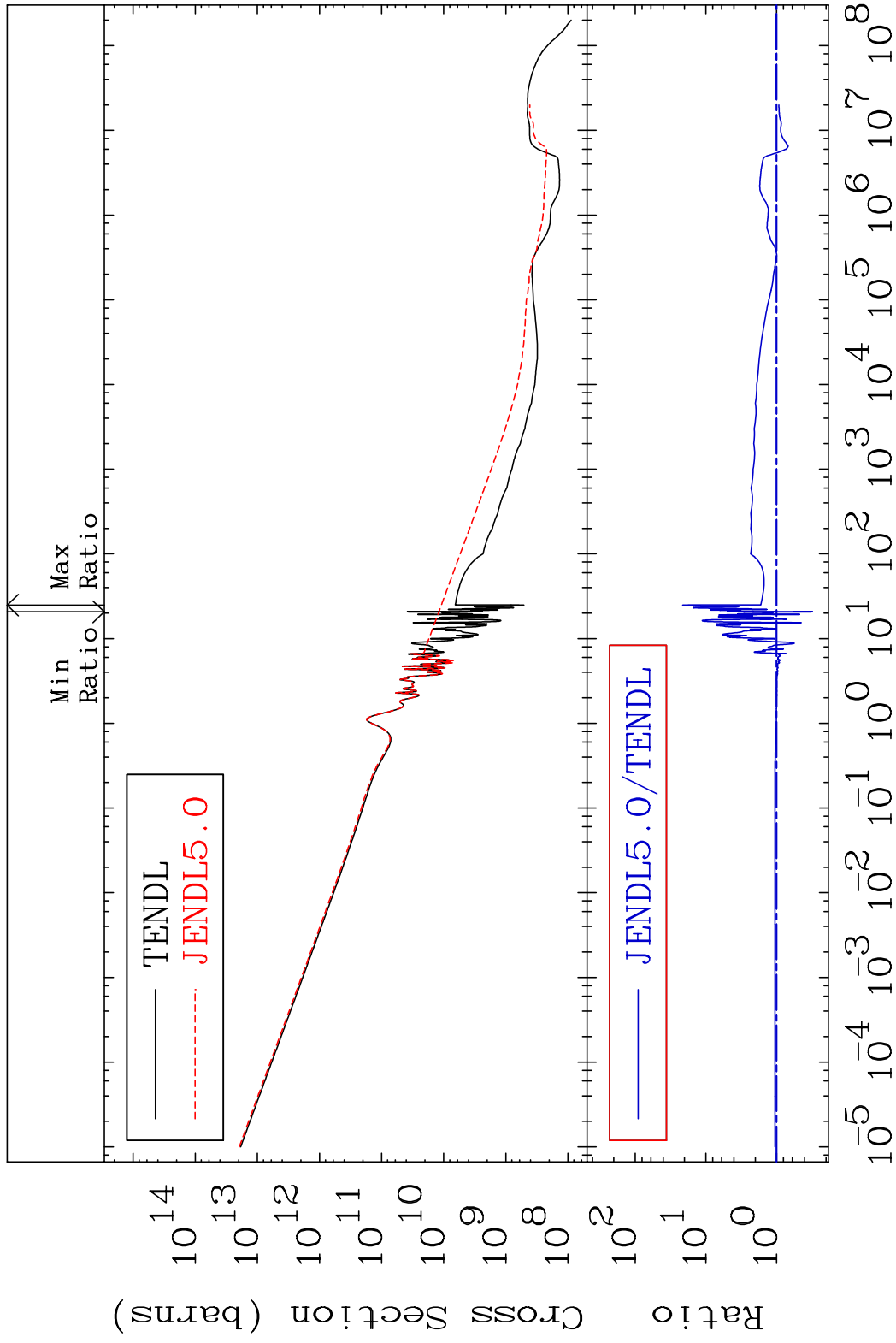


40 Incident Energy (eV) 93-Np-238

MAT 9349 Total photon (eV-barns) 93-Np-238  
Cross Section -14.91 To 9999. %



MAT 9349 Total kinematic kerma (high limit) 93-Np-238  
 Cross Section -69.02 To 2048. %

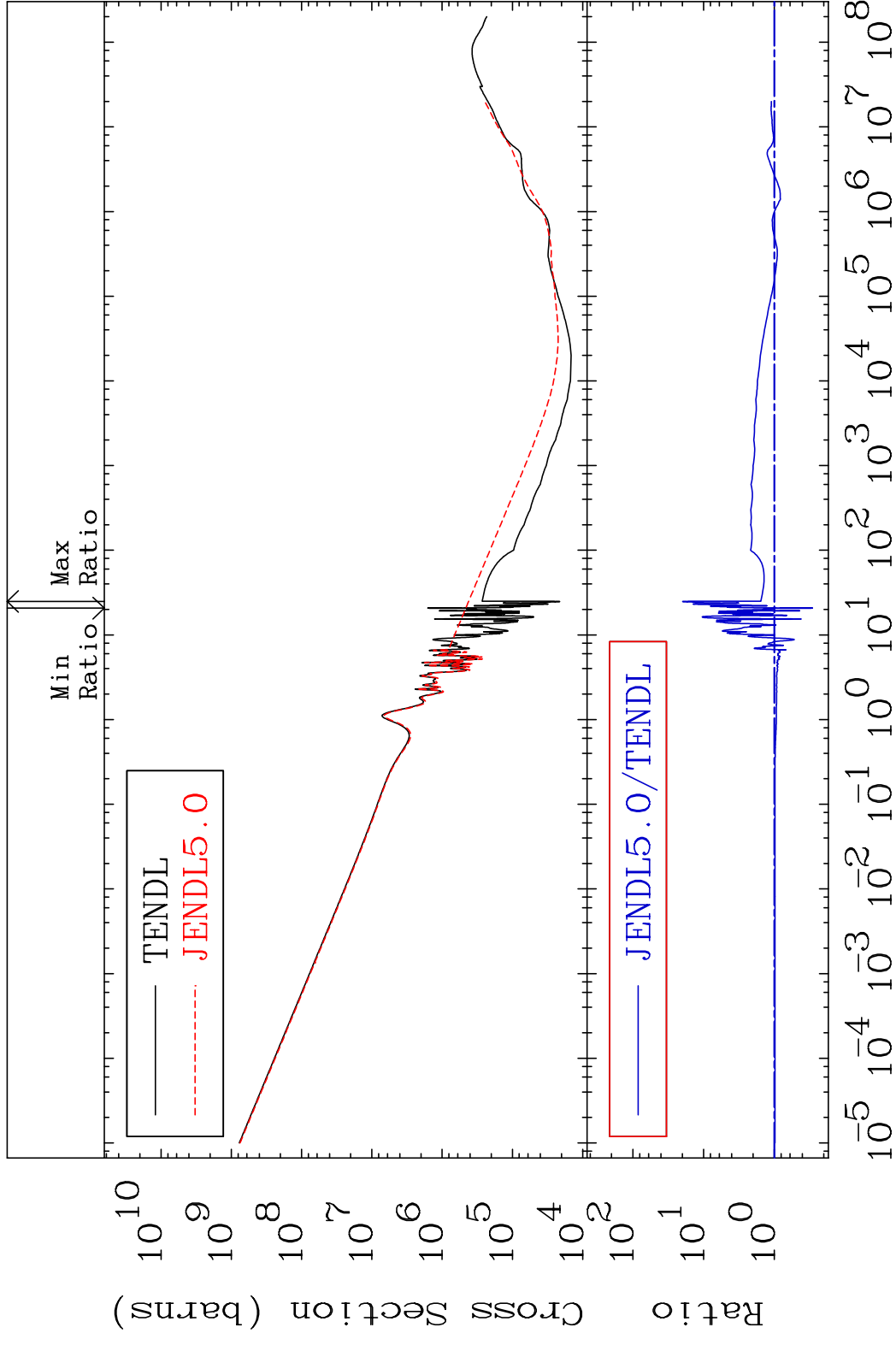


MAT 9349

Dpa total (eV-barns)

93-Np-238

Cross Section -71.21 To 1896. %



43

Incident Energy (eV)

93-Np-238

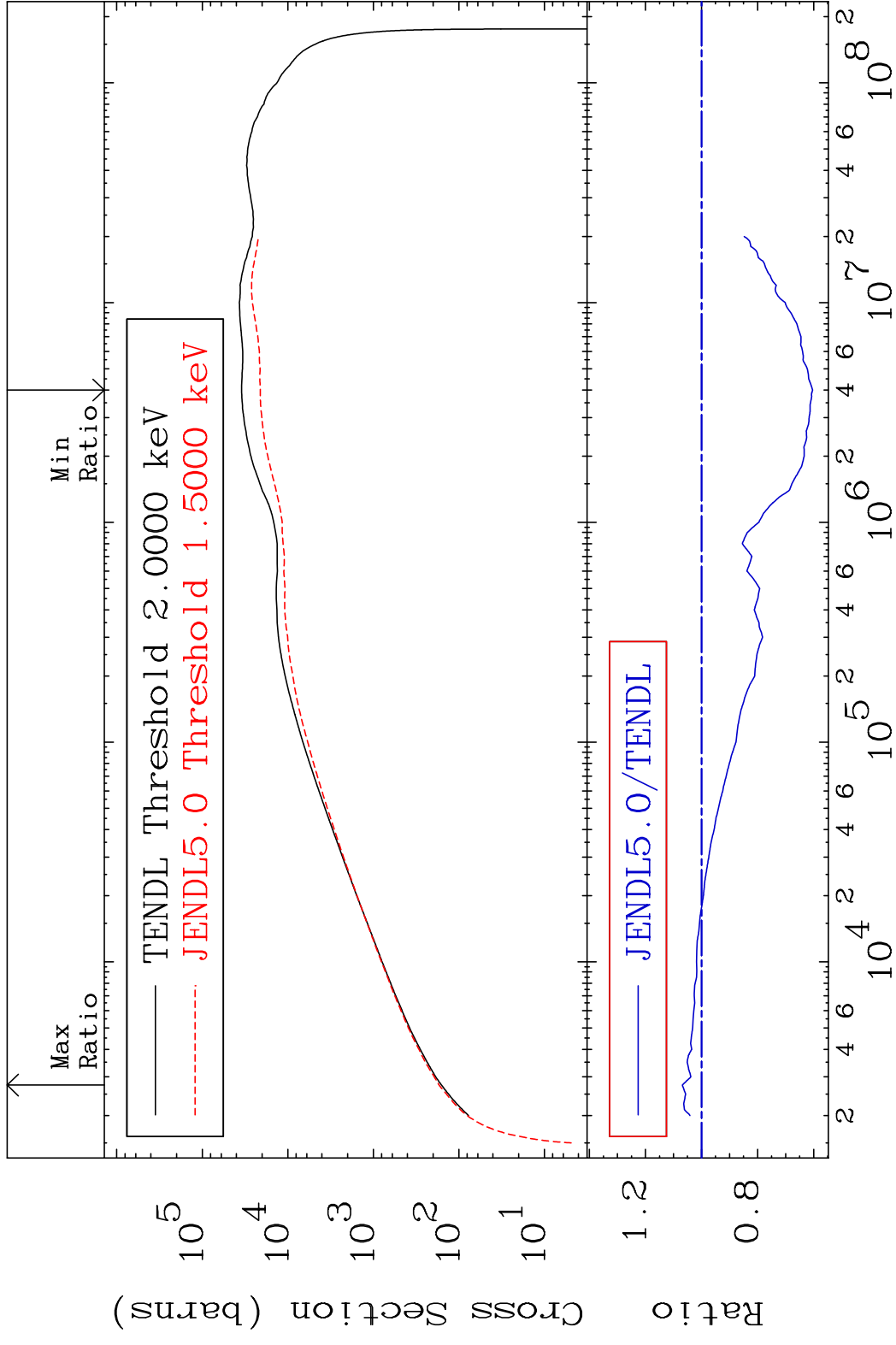
MAT 9349

Dpa elastic (mt2)

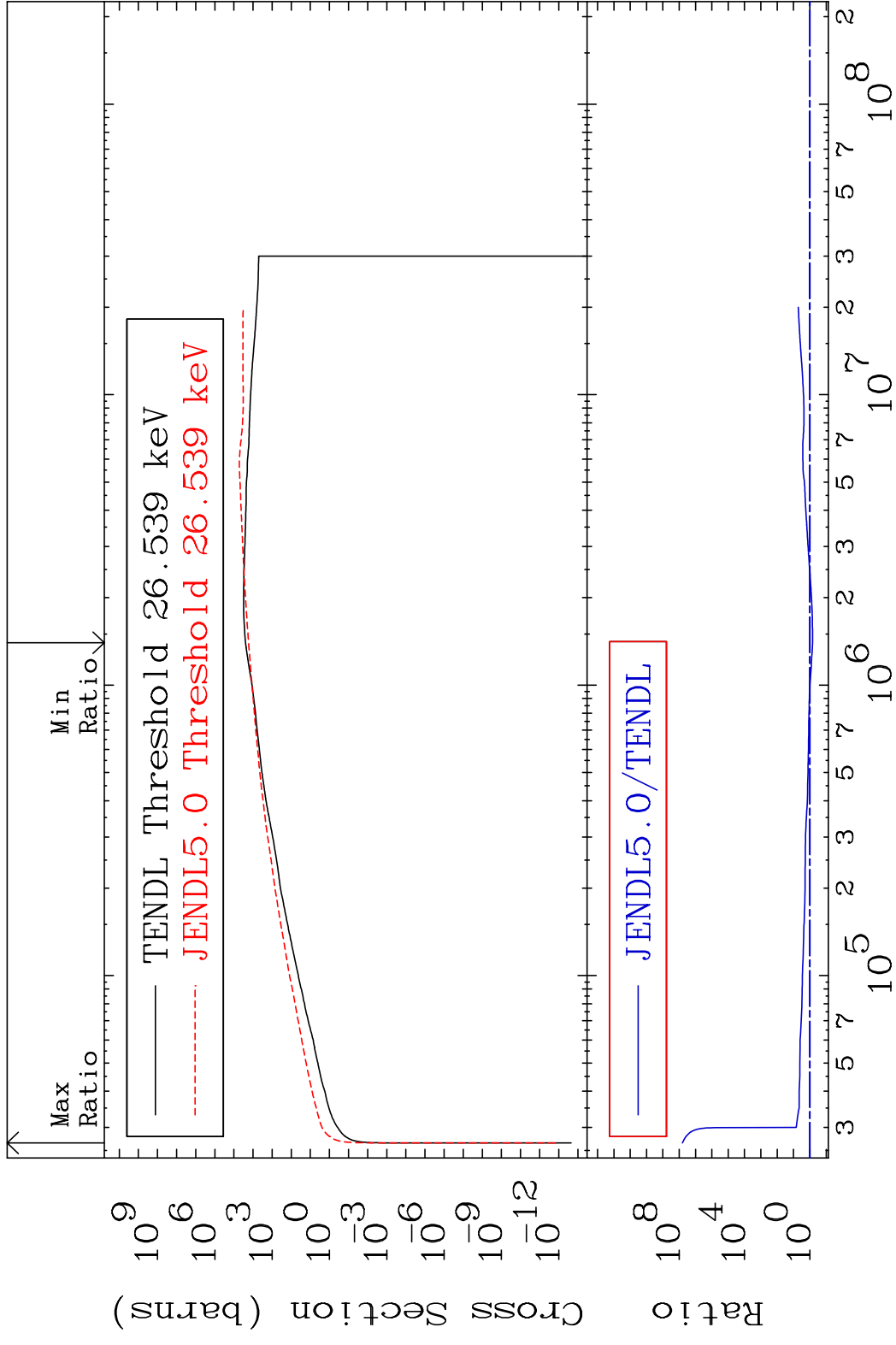
93-Np-238

Cross Section

-39.61 To 6.839 %

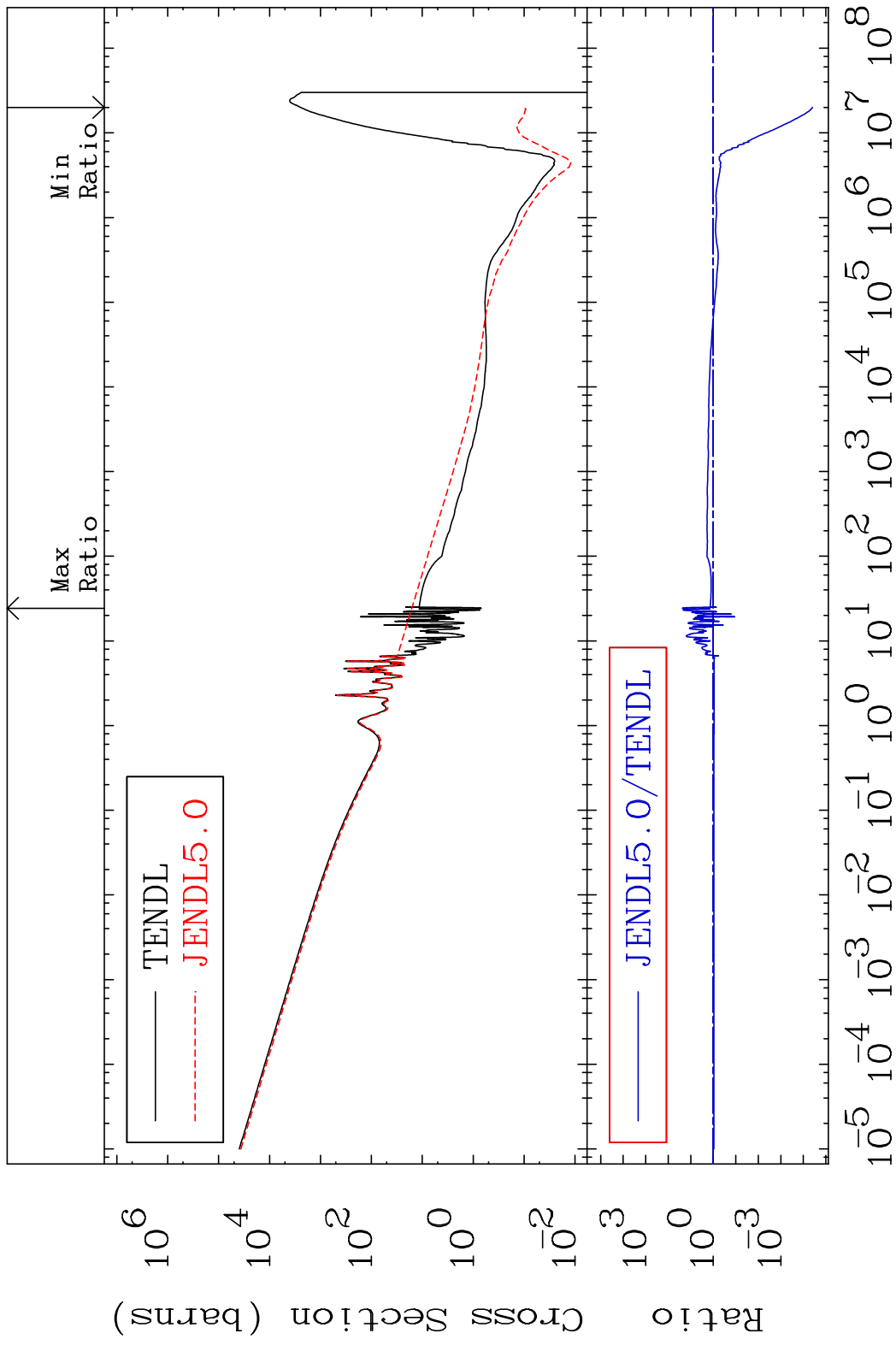


MAT 9349 Dpa inelastic (mt51-91) 93-Np-238  
 Cross Section -31.74 To 9999. %



45 Incident Energy (eV) 93-Np-238

MAT 9349 Dpa disappearance (mt102 -120) 93-Np-238  
 Cross Section -100.0 To 2256. %

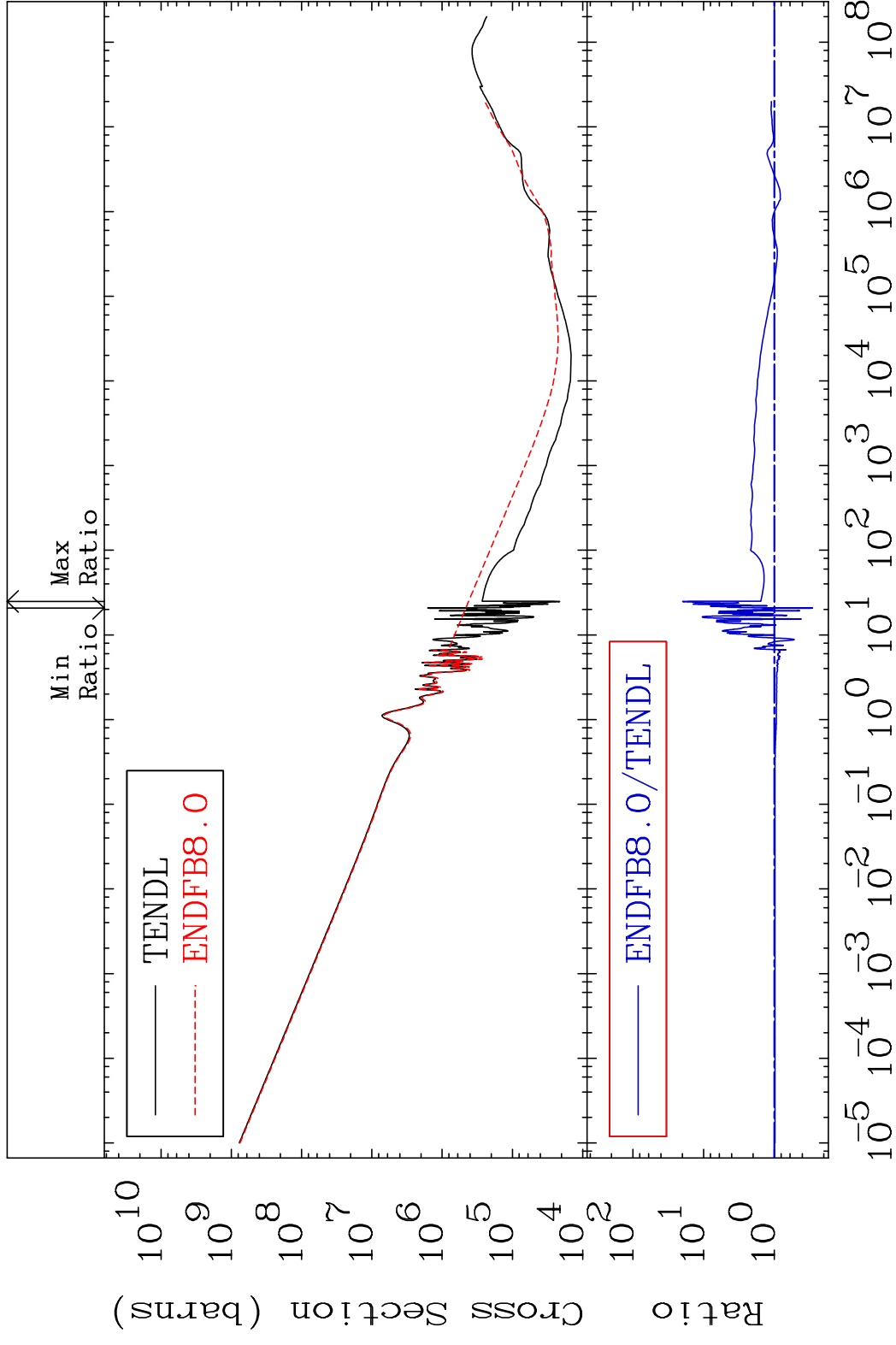


MAT 9349

Dpa total (eV-barns)

93-Np-238

Cross Section -71.21 To 1896. %



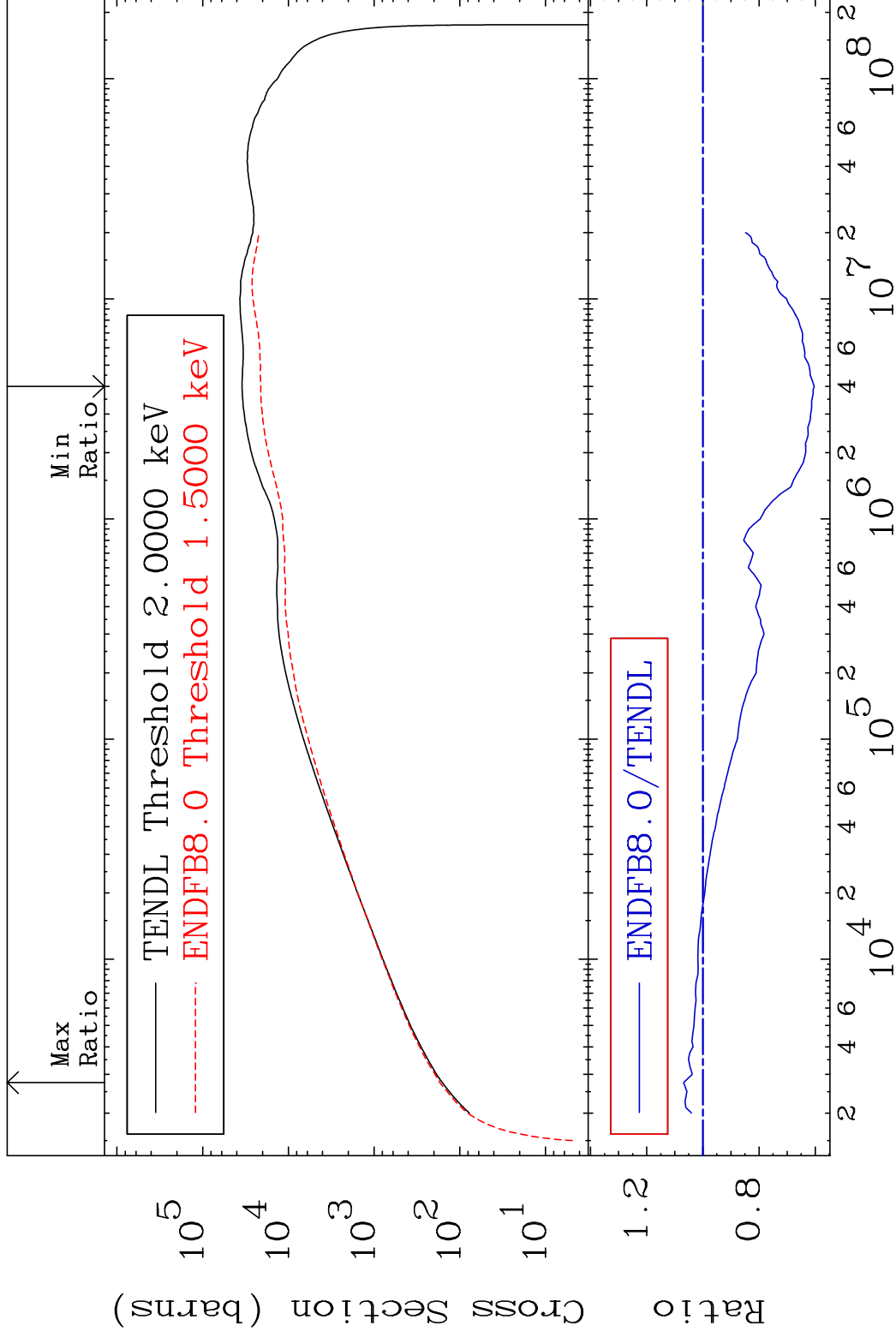


MAT 9349

Dpa elastic (mt2)

93-Np-238

Cross Section -39.61 To 6.839 %

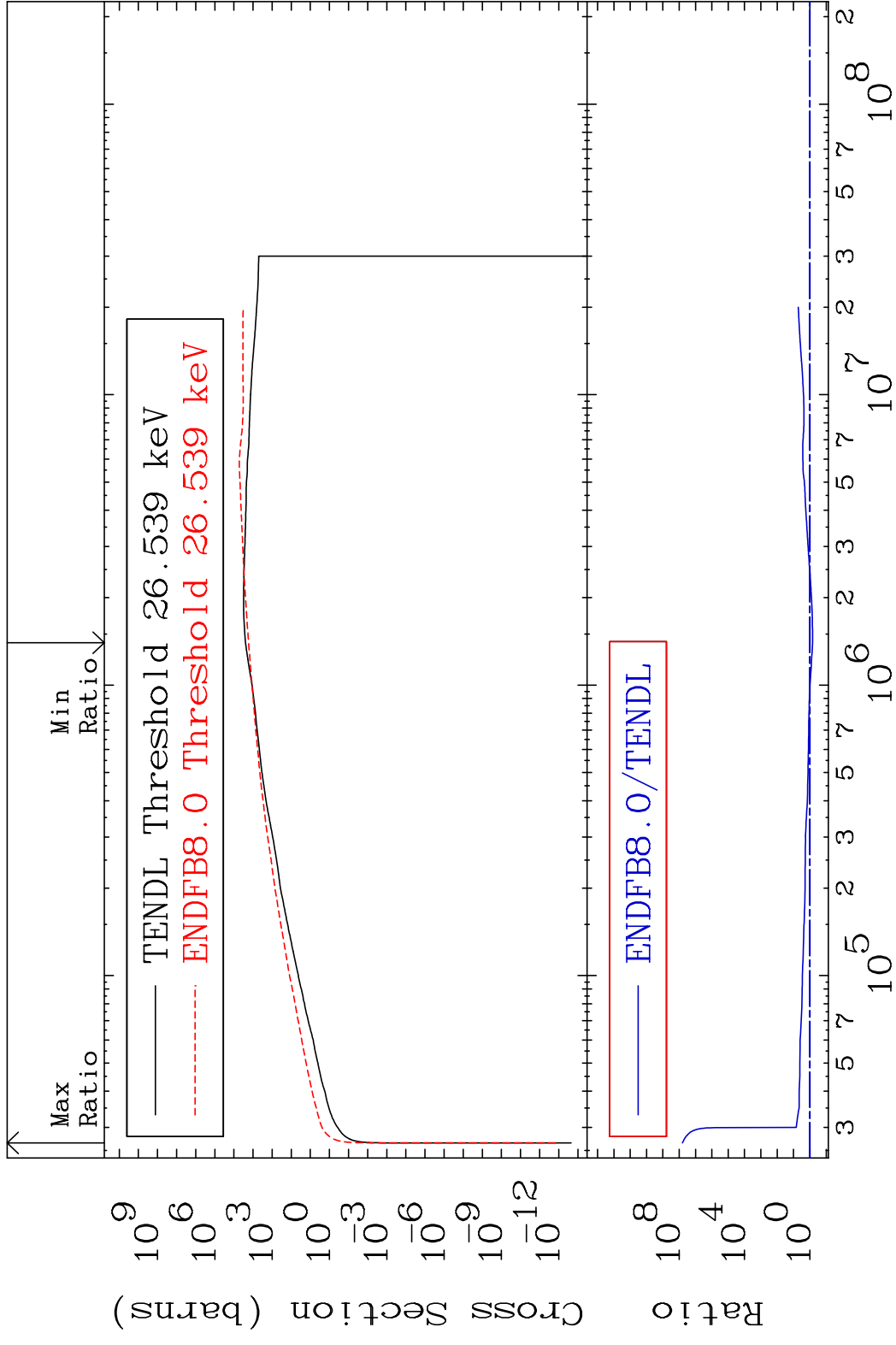


48

Incident Energy (eV)

93-Np-238

MAT 9349 Dpa inelastic (mt51-91) 93-Np-238  
 Cross Section -31.74 To 9999. %



49 Incident Energy (eV) 93-Np-238

MAT 9349 Dpa disappearance (mt102 -120) 93-Np-238  
 Cross Section -100.0 To 2256. %

