

Program Complot
(Version 2021-1)

by

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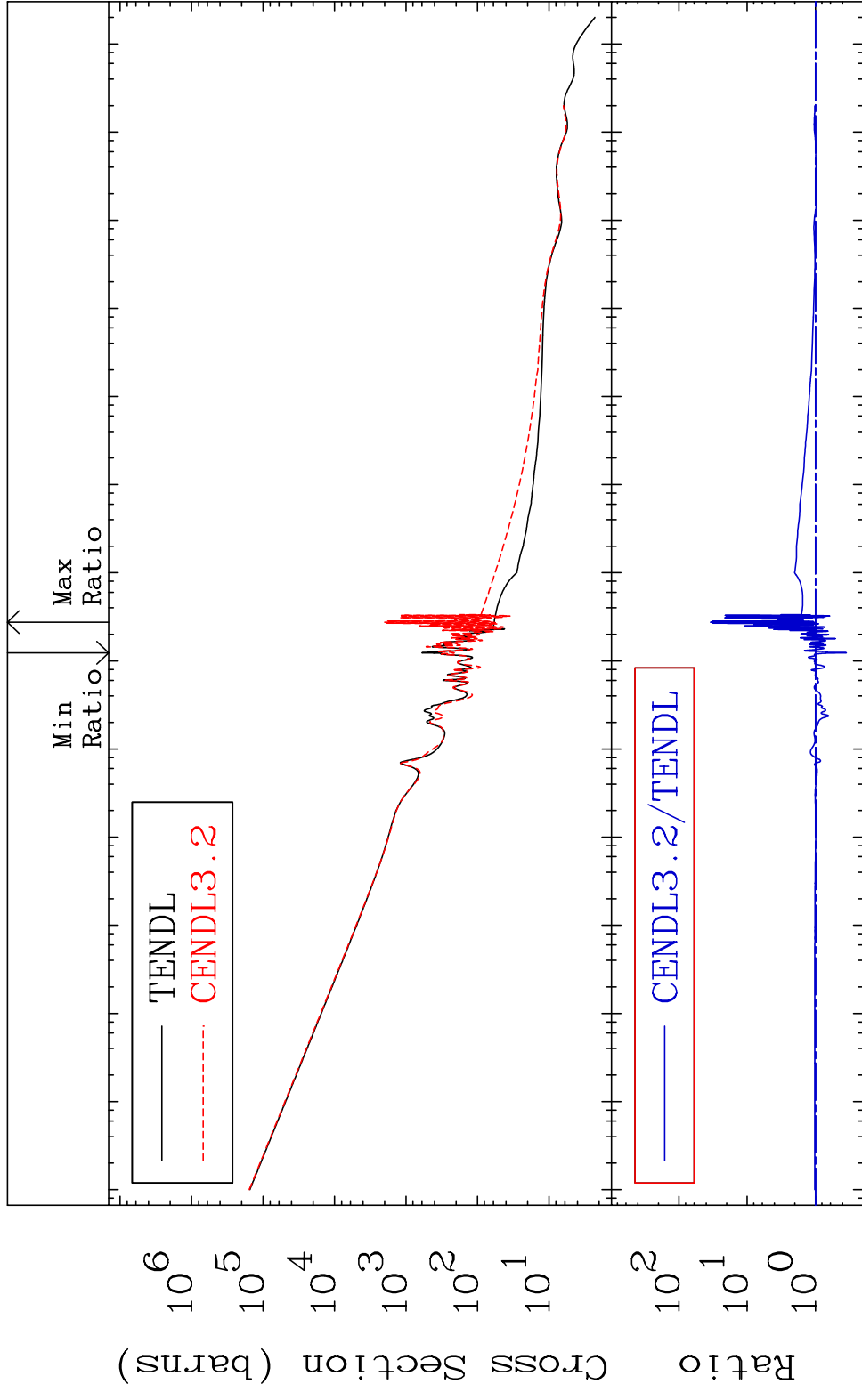
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9343

Total
Cross Section -64.80 To 3326. %

93-Np-236

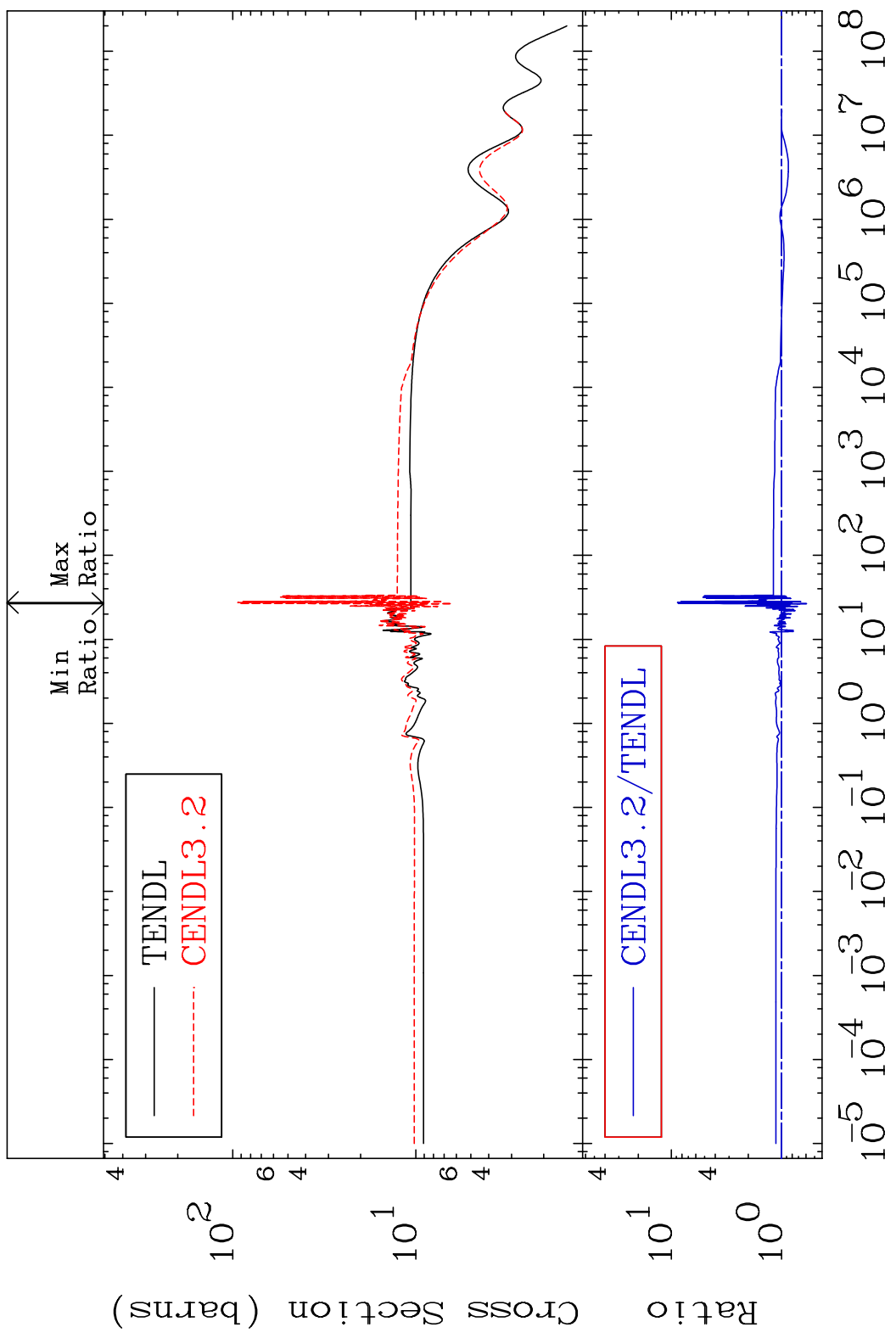


1 Incident Energy (eV) 93-Np-236

MAT 9343

Elastic Cross Section -40.57 To 785.3 %

93-Np-236



2

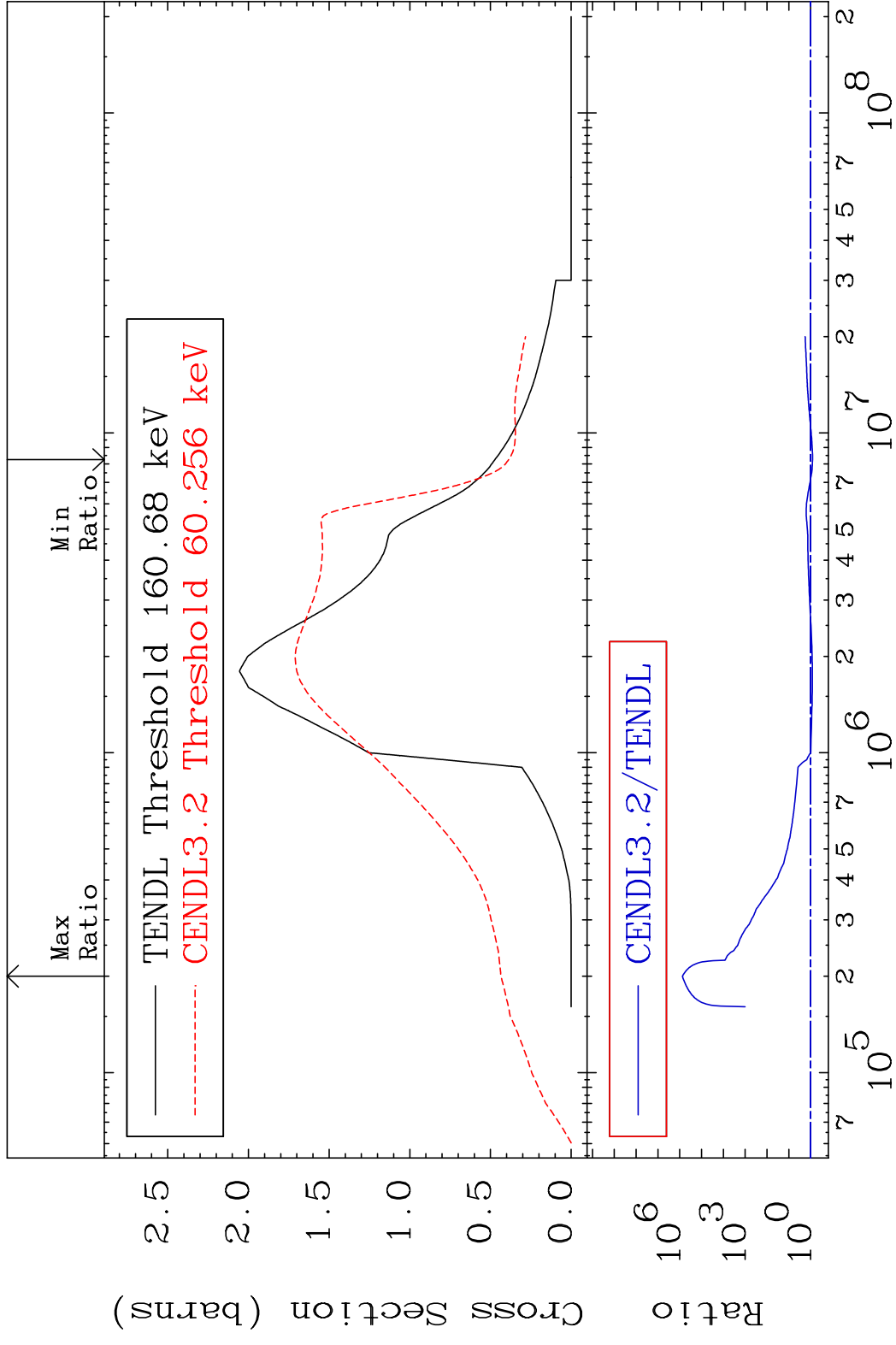
Incident Energy (eV)

93-Np-236

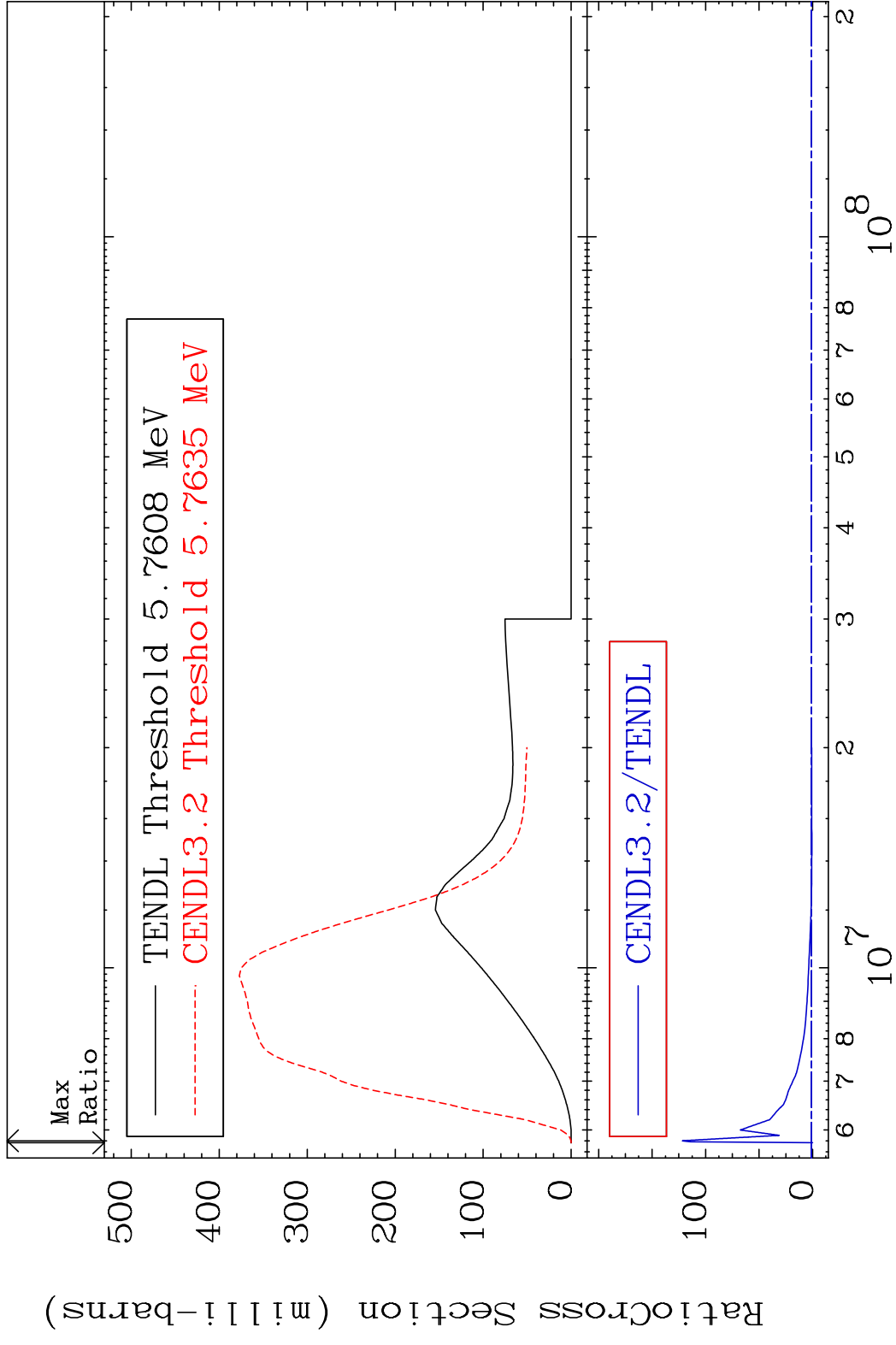
MAT 9343

Inelastic
Cross Section -18.12 To 9999. %

93-Np-236



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



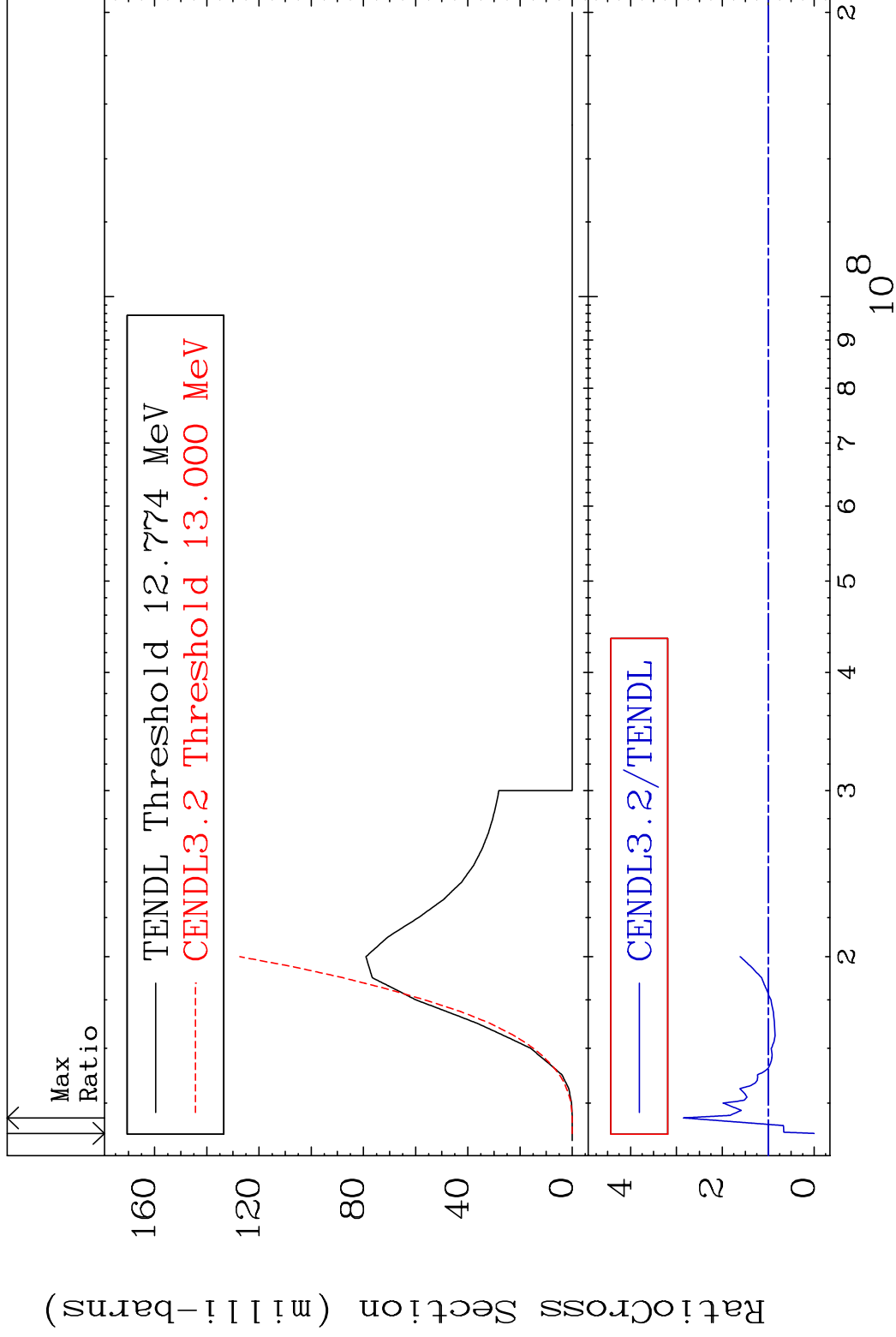
4 Incident Energy (eV) 93-Np-236

MAT 9343

(n,3n)

93-Np-236

Cross Section -100.0 To 184.4 %



5

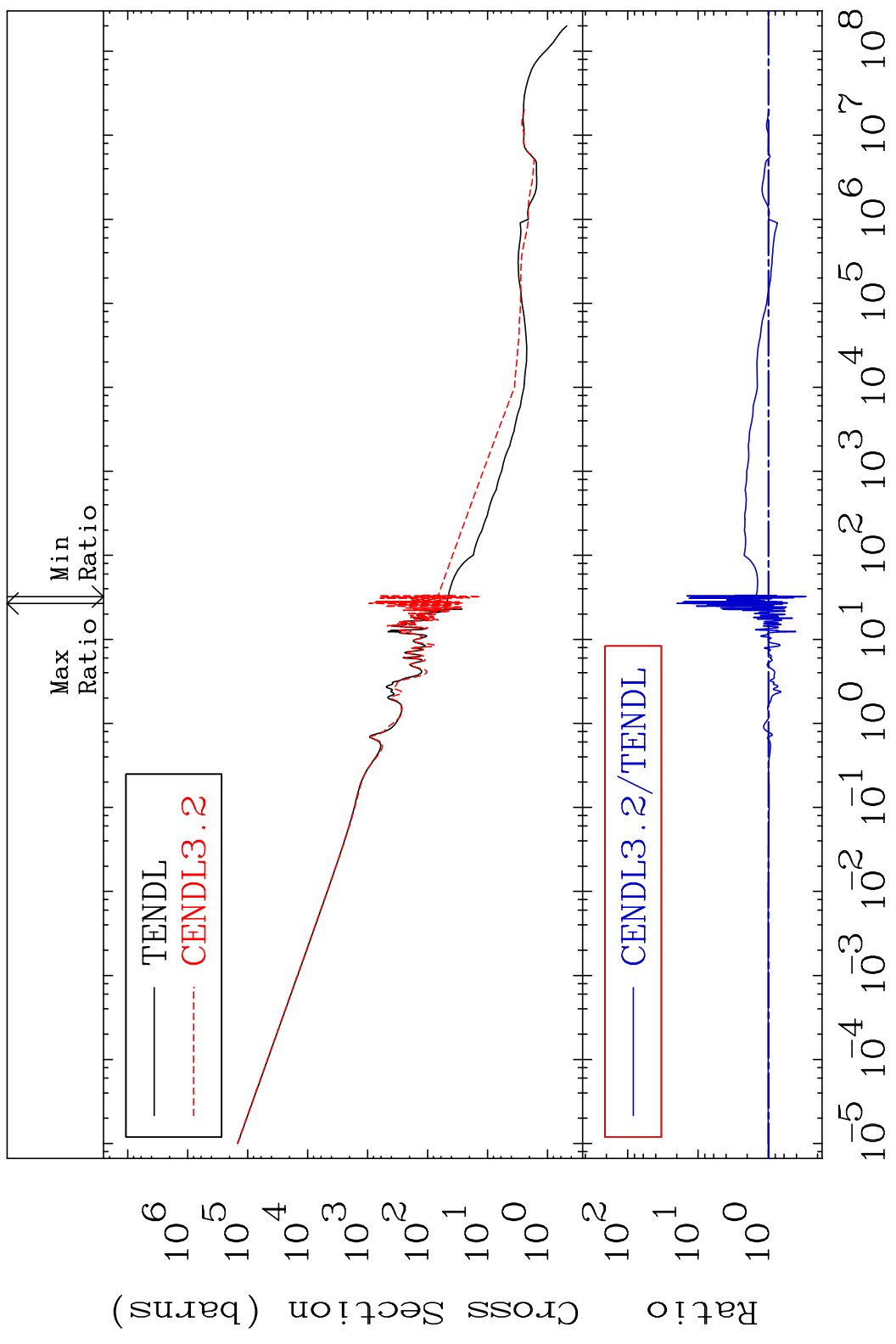
Incident Energy (eV)

93-Np-236

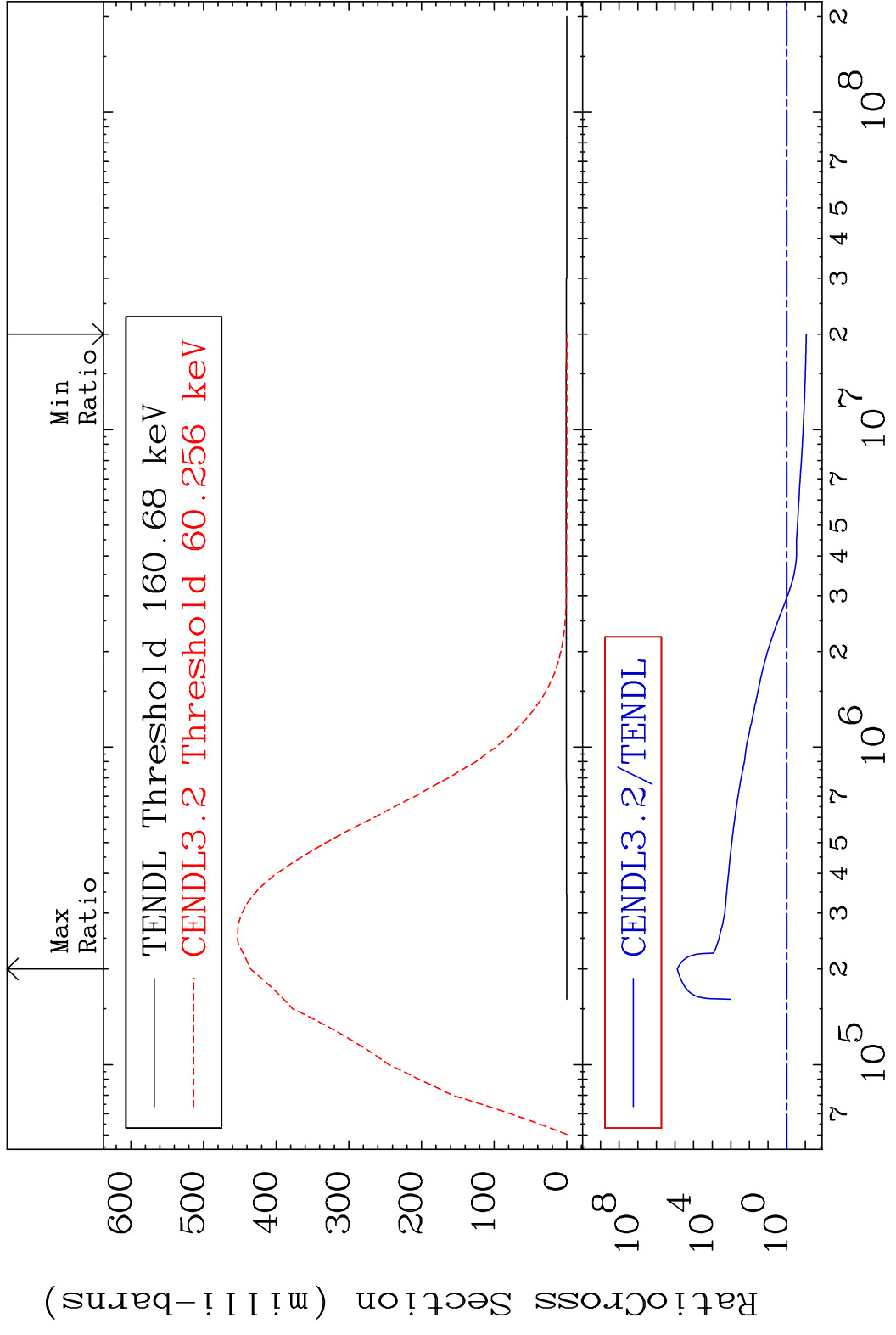
MAT 9343

Fission
Cross Section -71.18 To 1877. %

93-Np-236

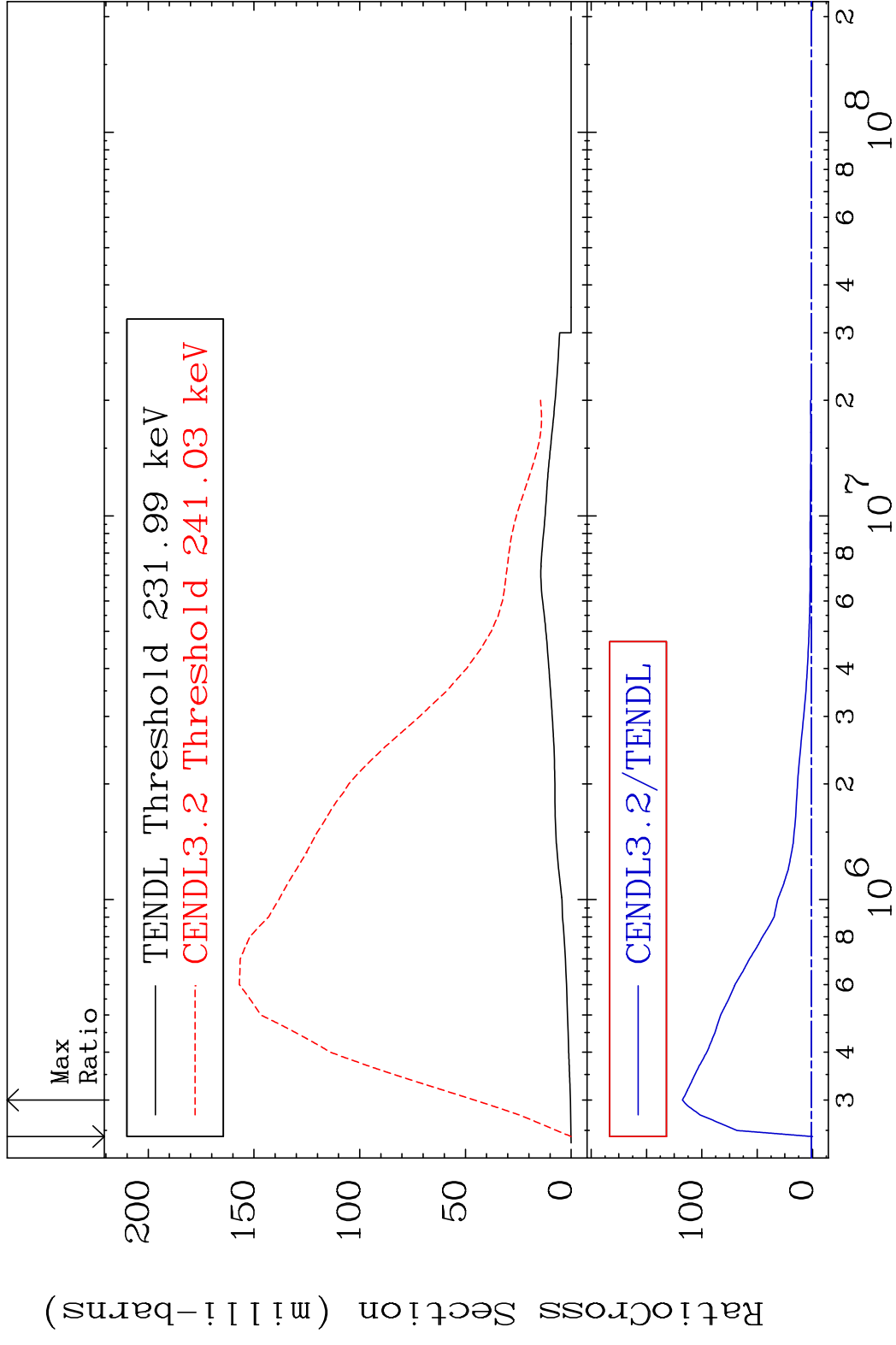


MAT 9343 MT= 51 (n, n') Level 93-Np-236
 Cross Section -91.24 To 9999. %

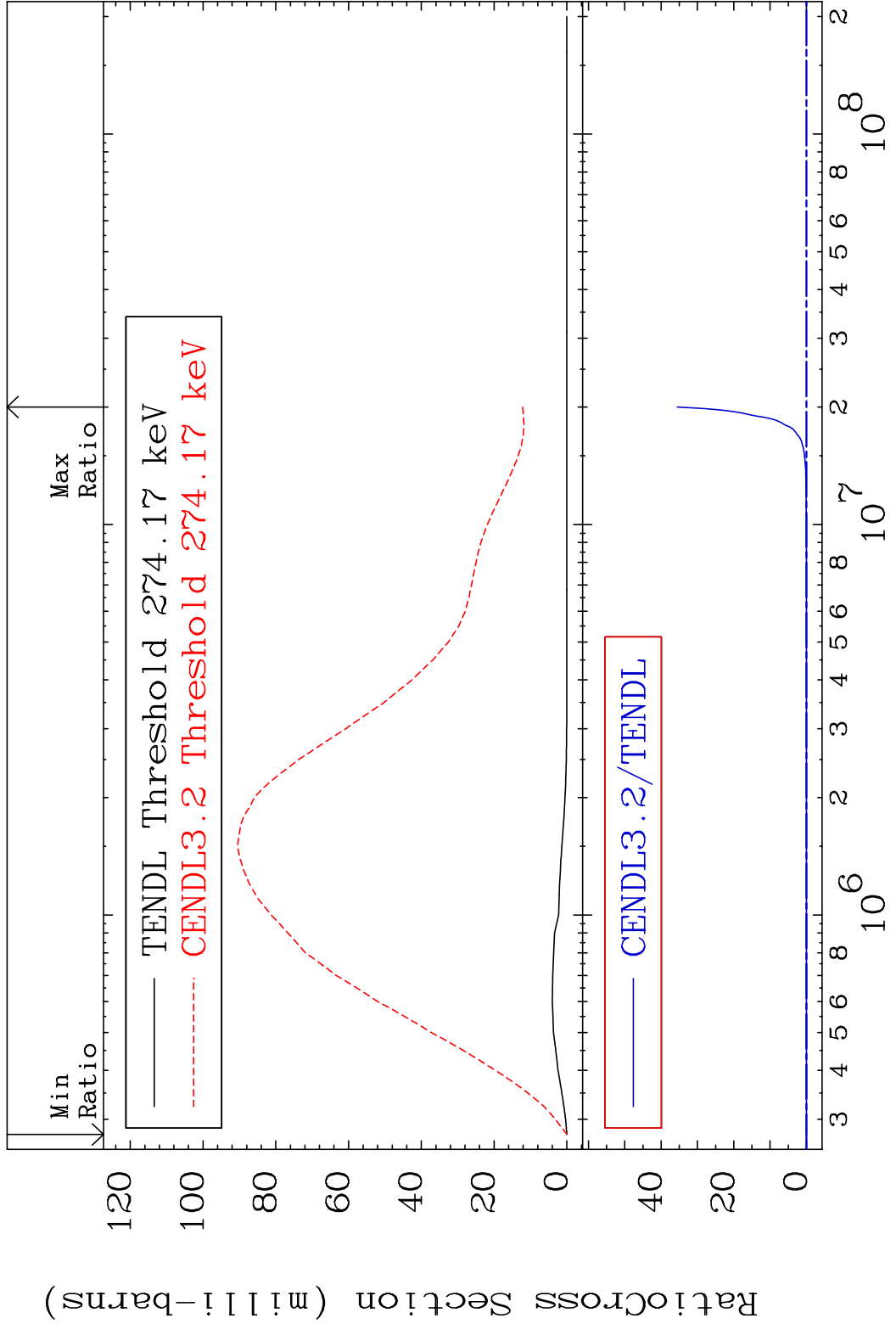


7 7 93-Np-236

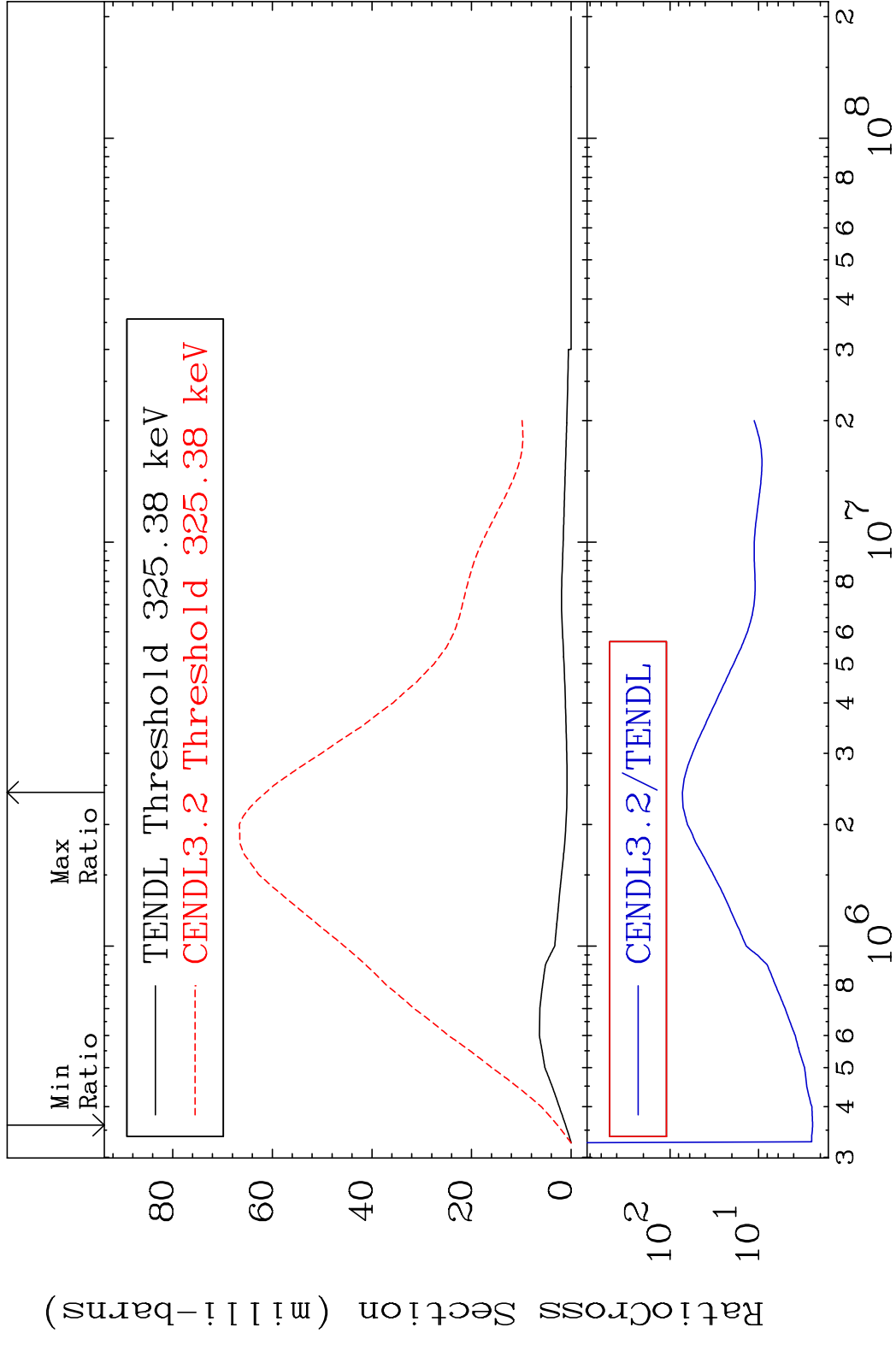
MAT 9343 MT= 52 (n, n') Level 93-Np-236
 Cross Section -100.0 To 9999. %



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 145.4 To 7154. %



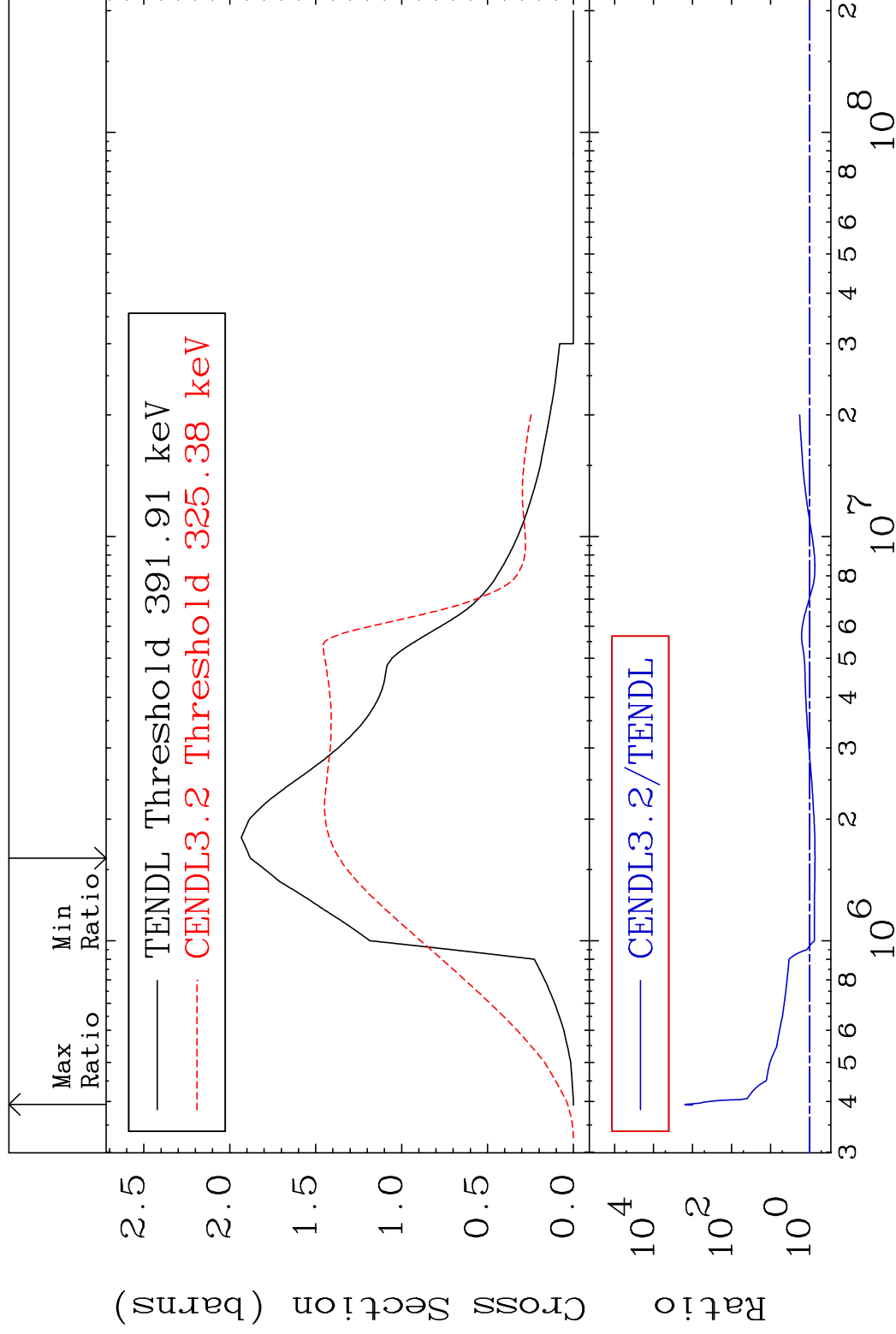
10 Incident Energy (eV) 93-Np-236

MAT 9343

(n, n') Continuum

93-Np-236

Cross Section -27.59 To 9999. %



11

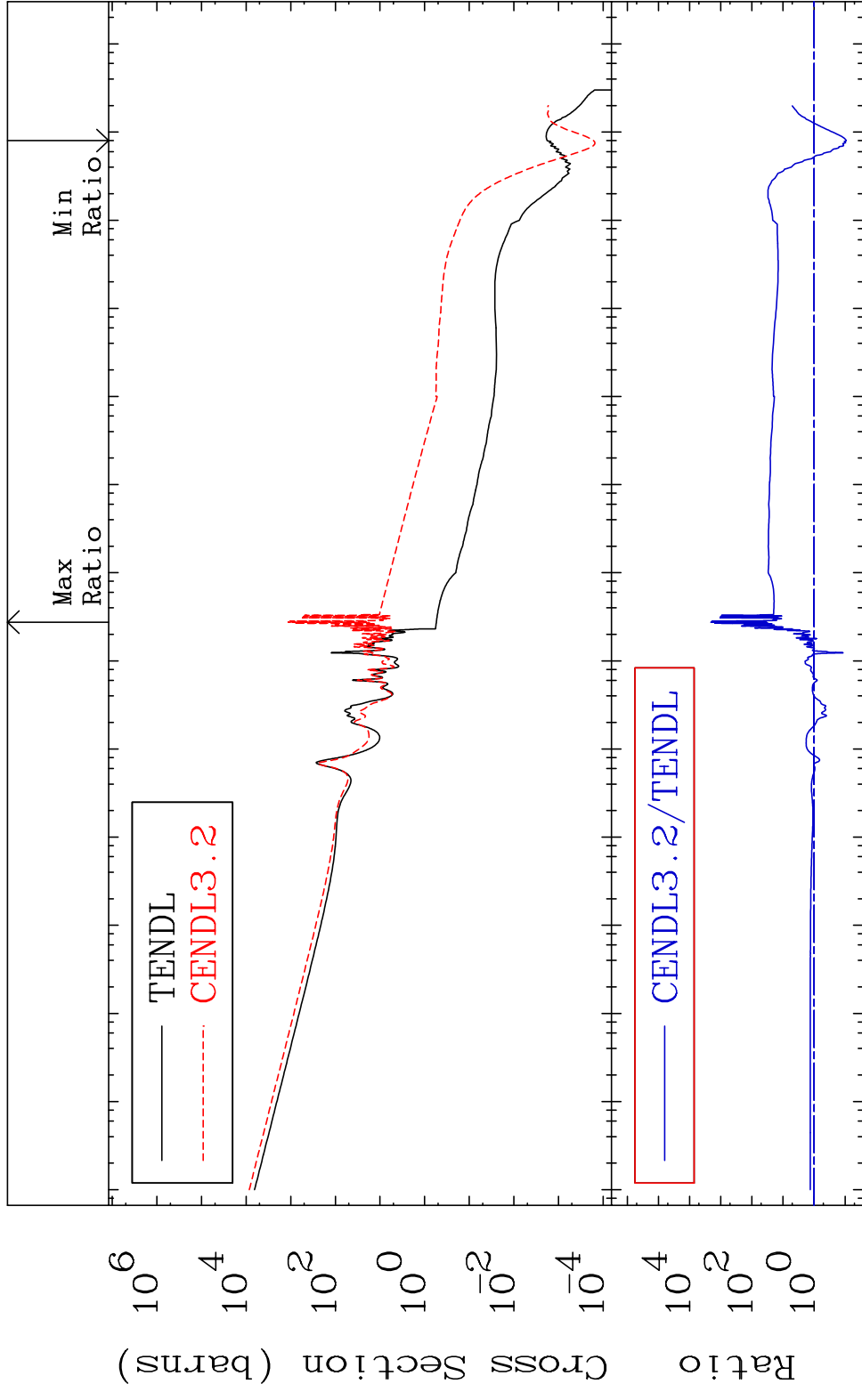
Incident Energy (eV)

93-Np-236

MAT 9343

(n, γ)
Cross Section -90.85 To 9999. %

93-Np-236

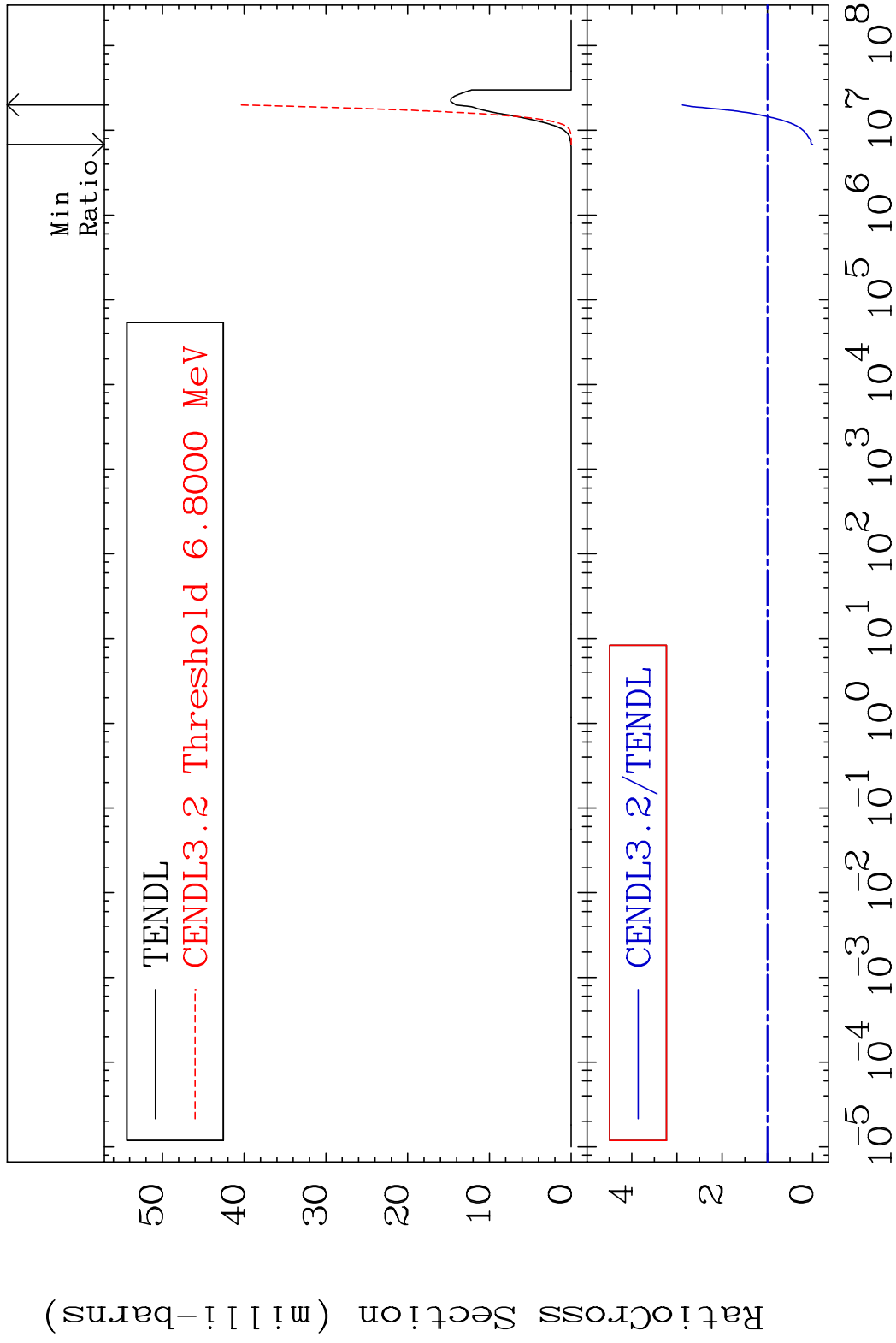


MAT 9343

(n, p)

93-Np-236

Cross Section -100.0 To 188.1 %



13

Incident Energy (eV)

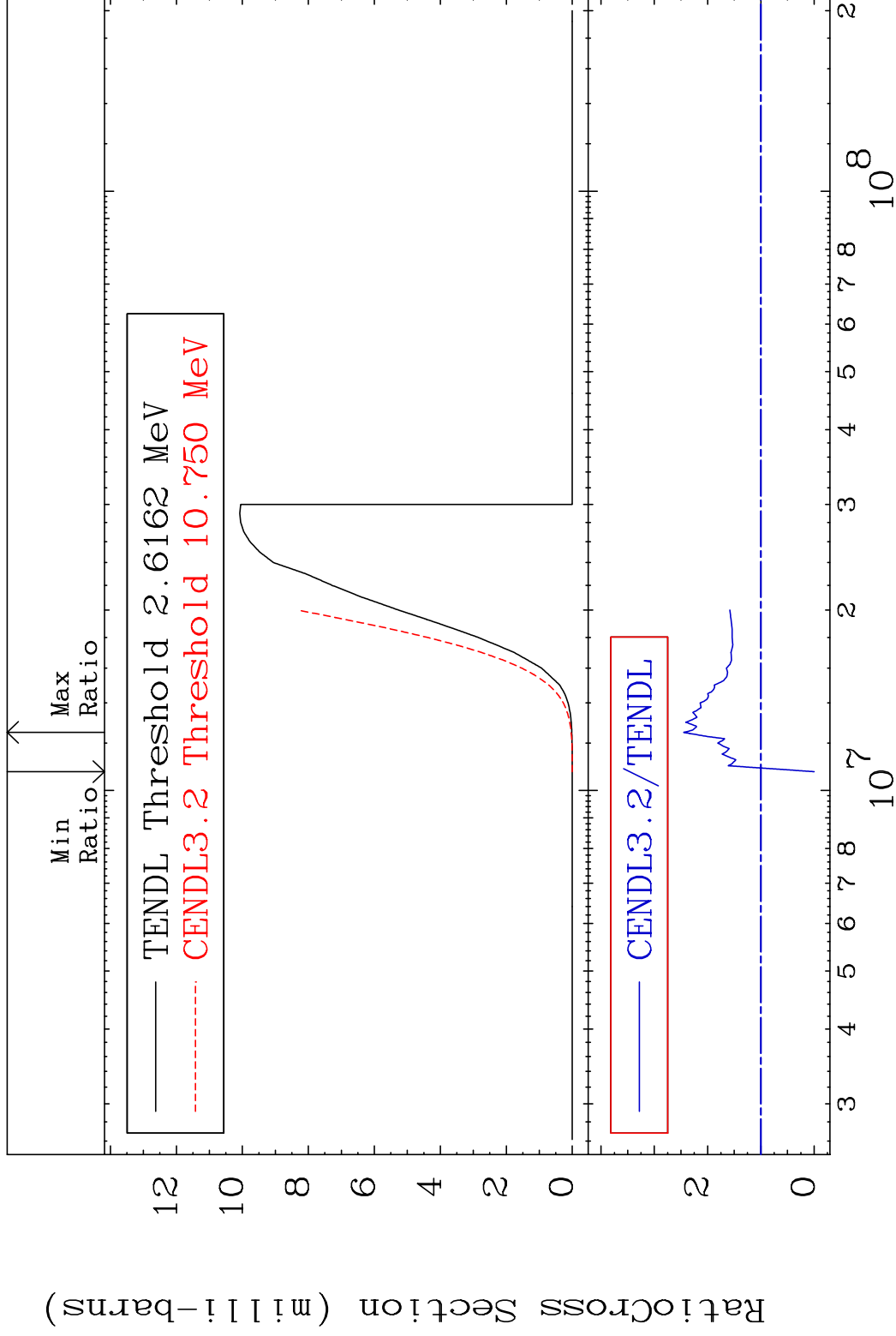
93-Np-236

MAT 9343

(n, d)

93-Np-236

Cross Section -100.0 To 144.9 %



14

Incident Energy (eV)

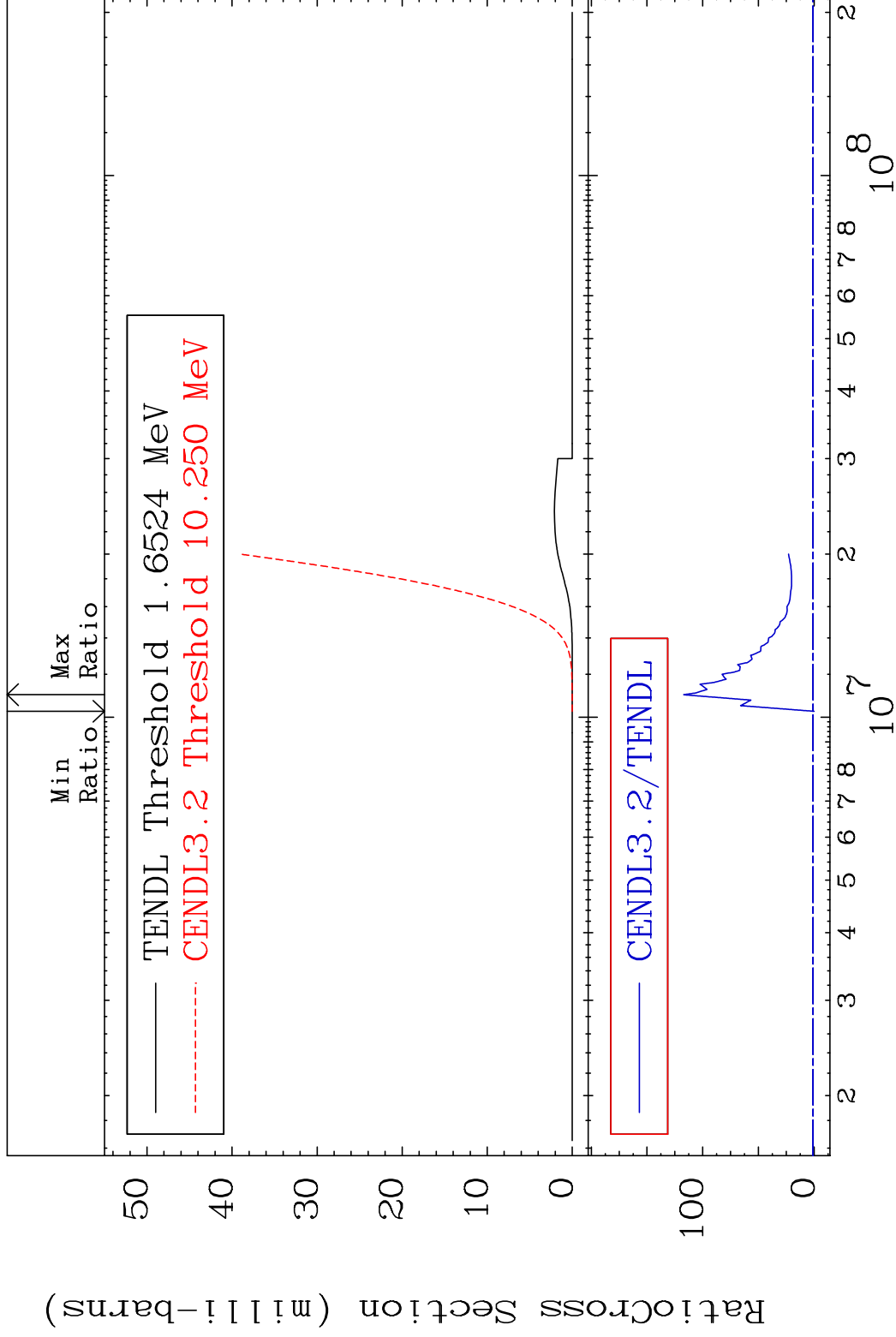
93-Np-236

MAT 9343

(n, t)

93-Np-236

Cross Section -100.0 To 9999. %



15

Incident Energy (eV)

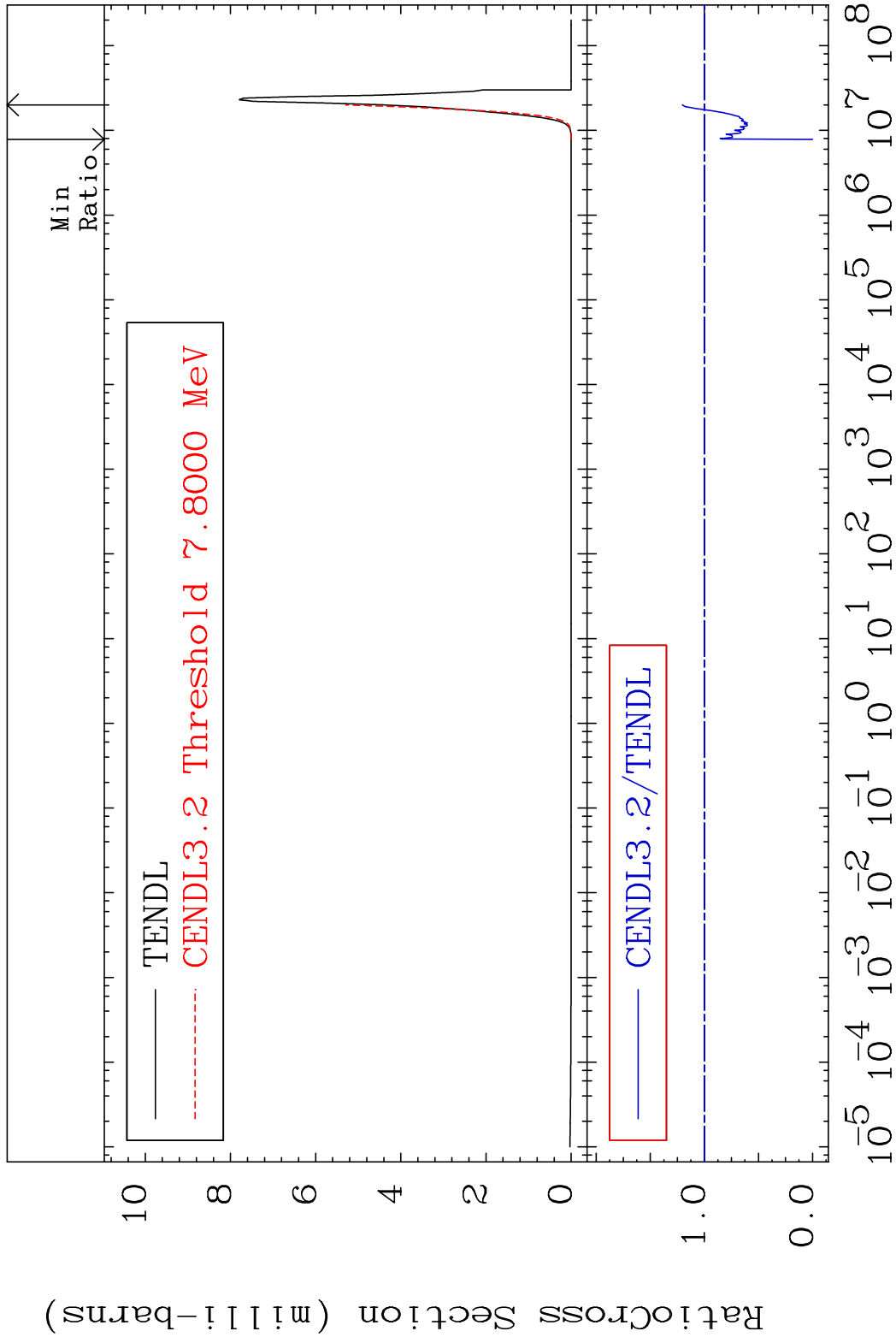
93-Np-236

MAT 9343

(n, α)

93-Np-236

Cross Section -100.0 To 20.37 %



16

Incident Energy (eV)

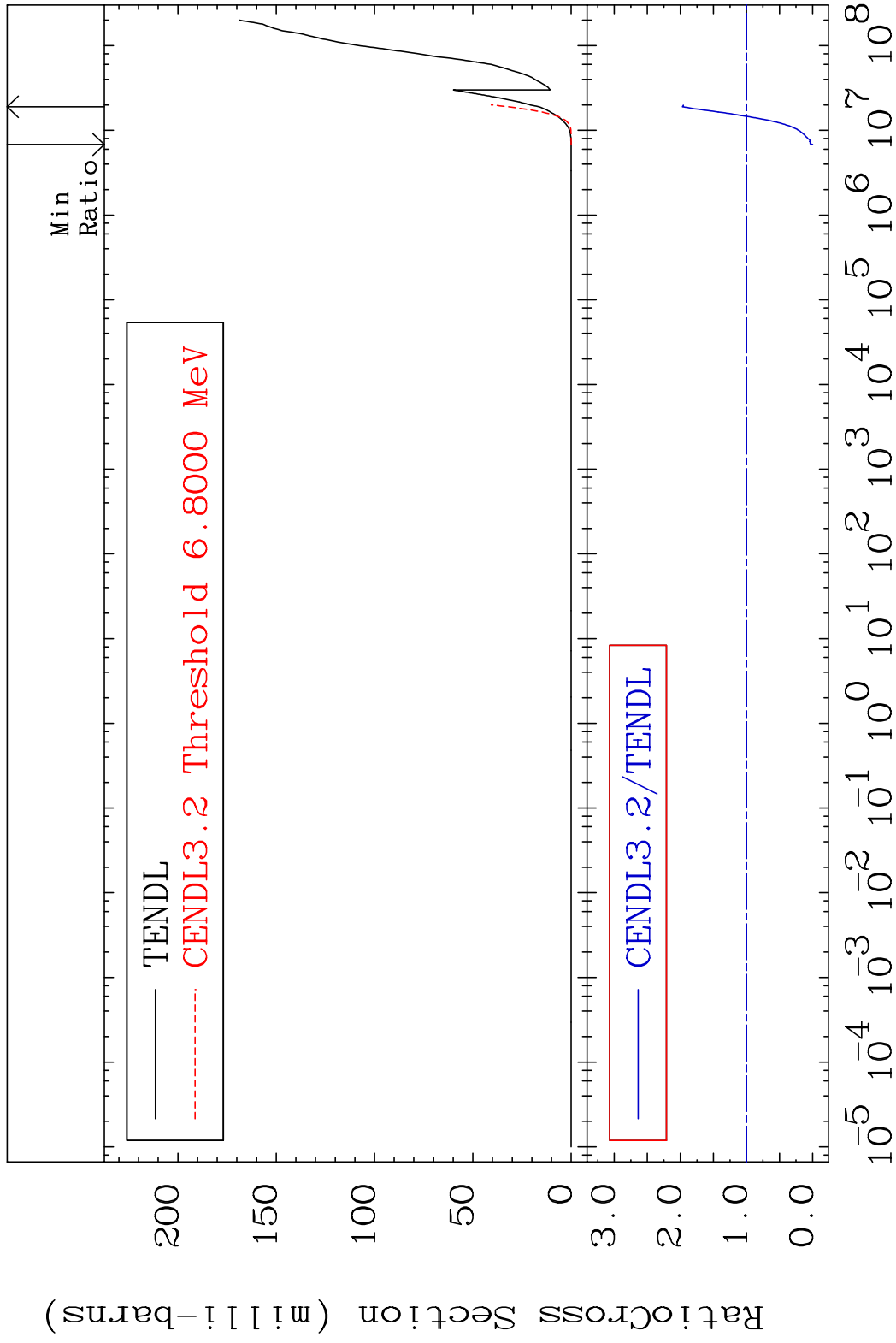
93-Np-236

MAT 9343

Hydrogen Production

93-Np-236

Cross Section -100.0 To 97.00 %



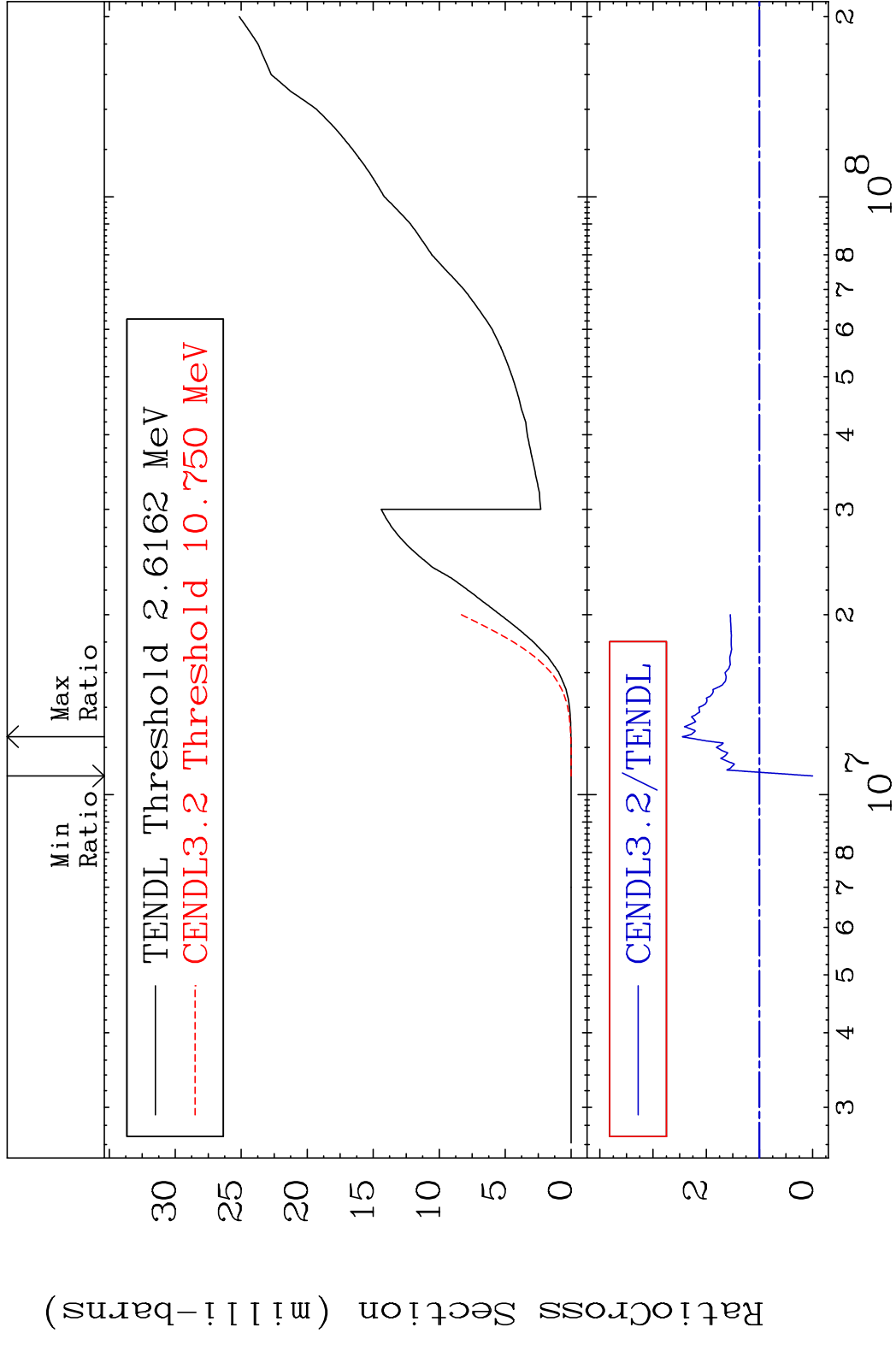
17

Incident Energy (eV)

93-Np-236

MAT 9343

Deuterium Production 93-Np-236
Cross Section -100.0 To 144.9 %



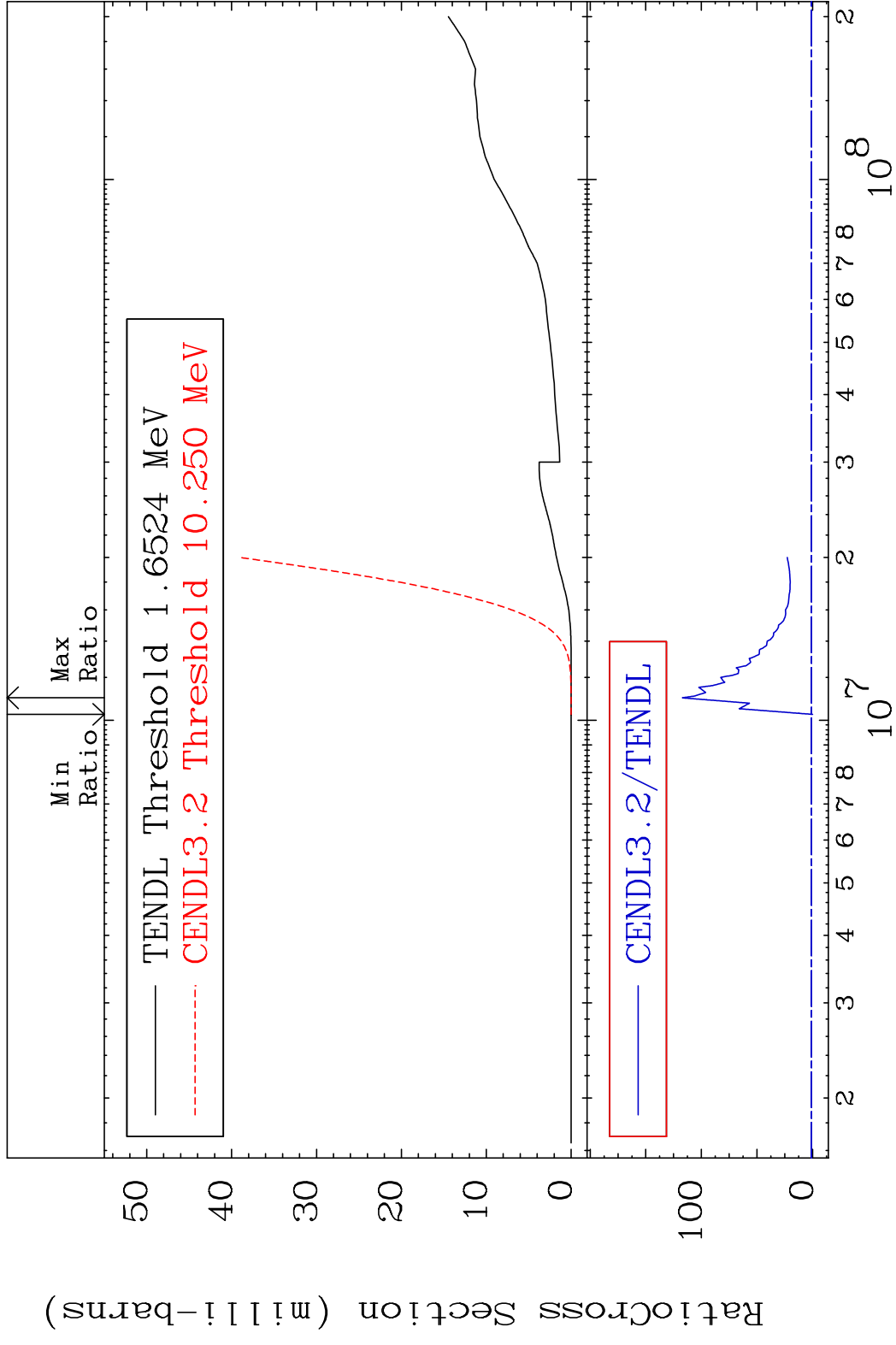
18

Incident Energy (eV)

93-Np-236

MAT 9343

Tritium Production 93-Np-236
Cross Section -100.0 To 9999. %

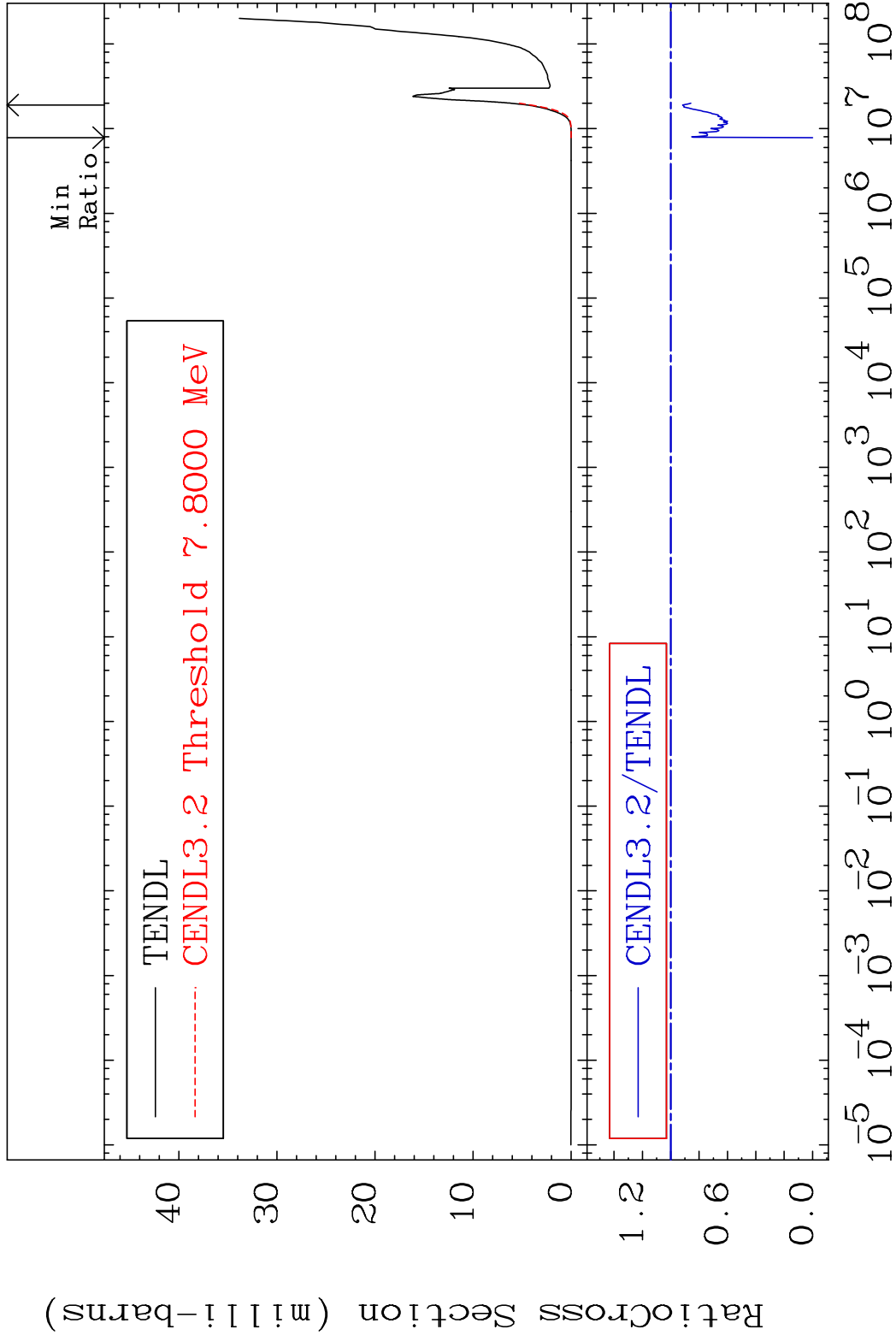


MAT 9343

He-4 Production

93-Np-236

Cross Section -100.0 To -8.162%



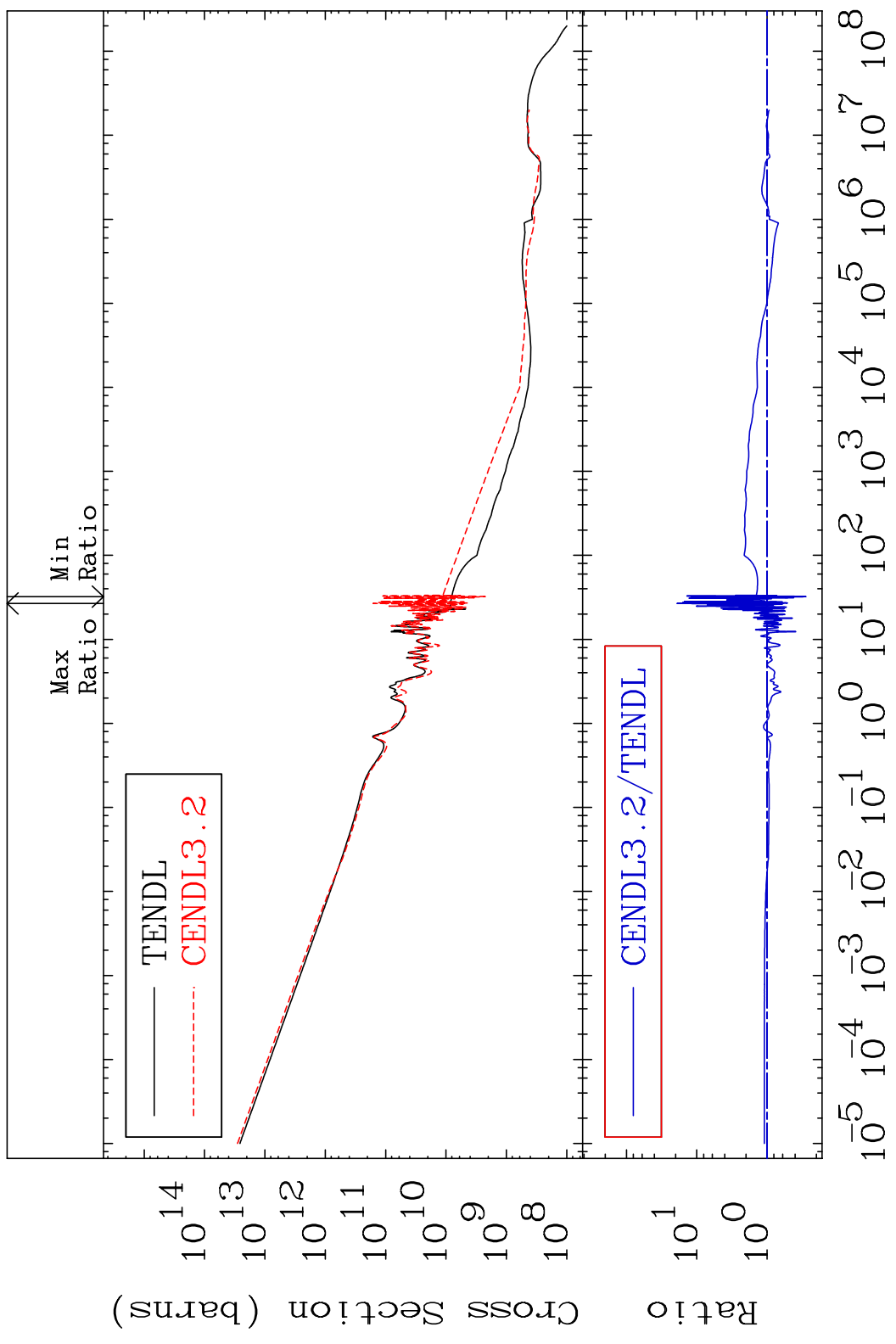
20

Incident Energy (eV)

93-Np-236

MAT 9343

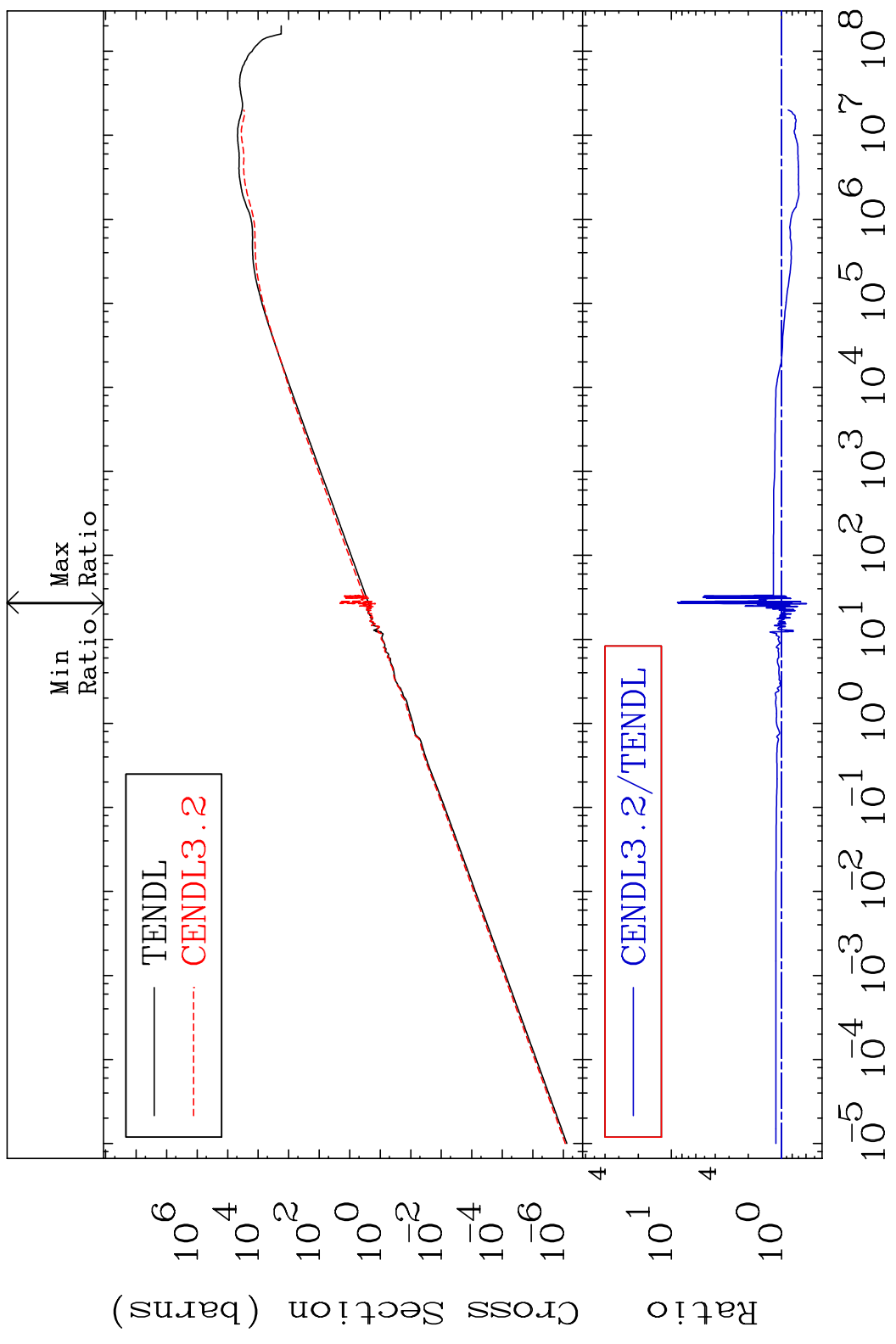
Kerma total (eV-barns) 93-Np-236
Cross Section -72.32 To 1799. %



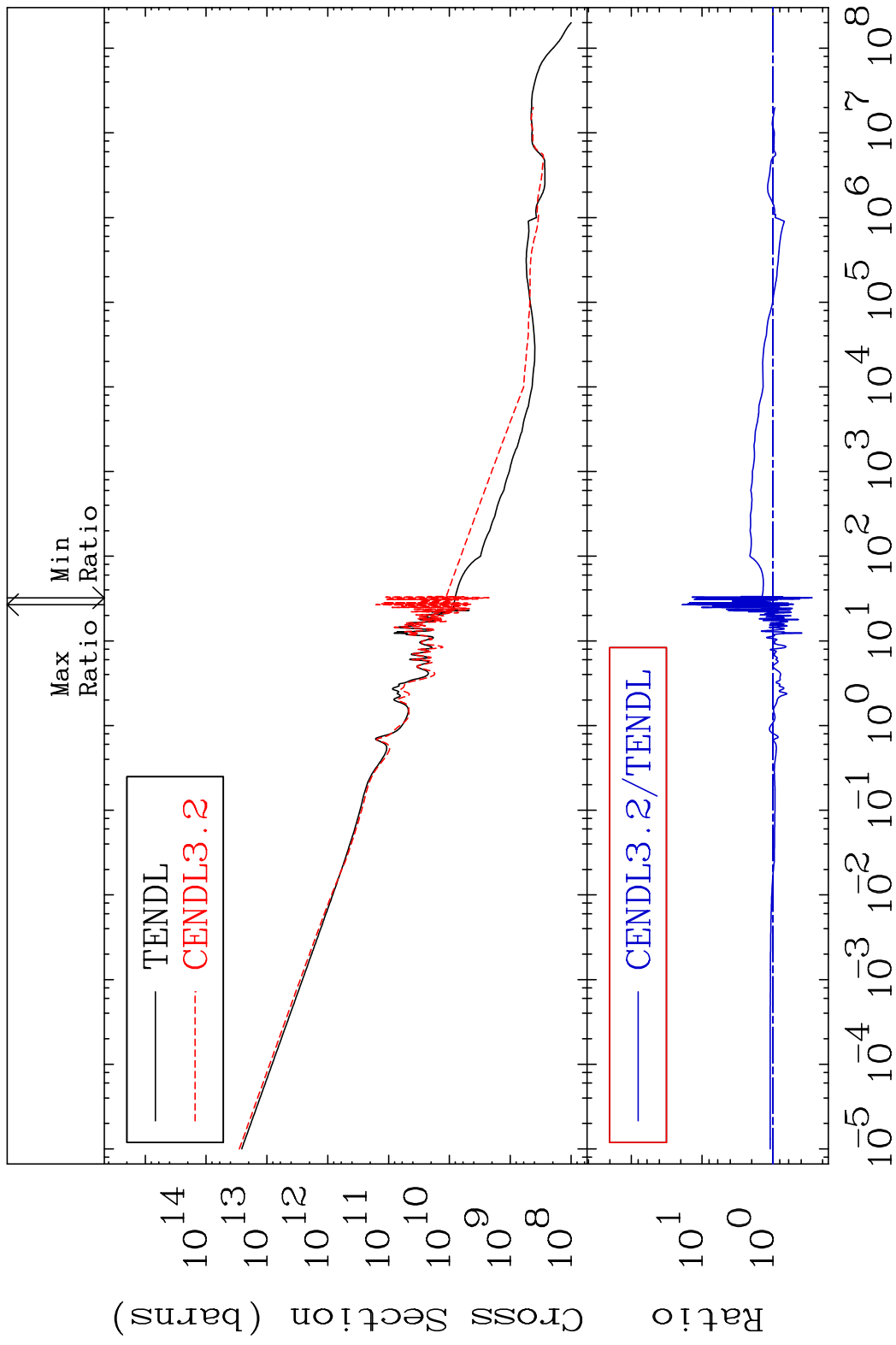
MAT 9343

Kerma elastic
Cross Section -40.56 To 785.4 %

93-Np-236

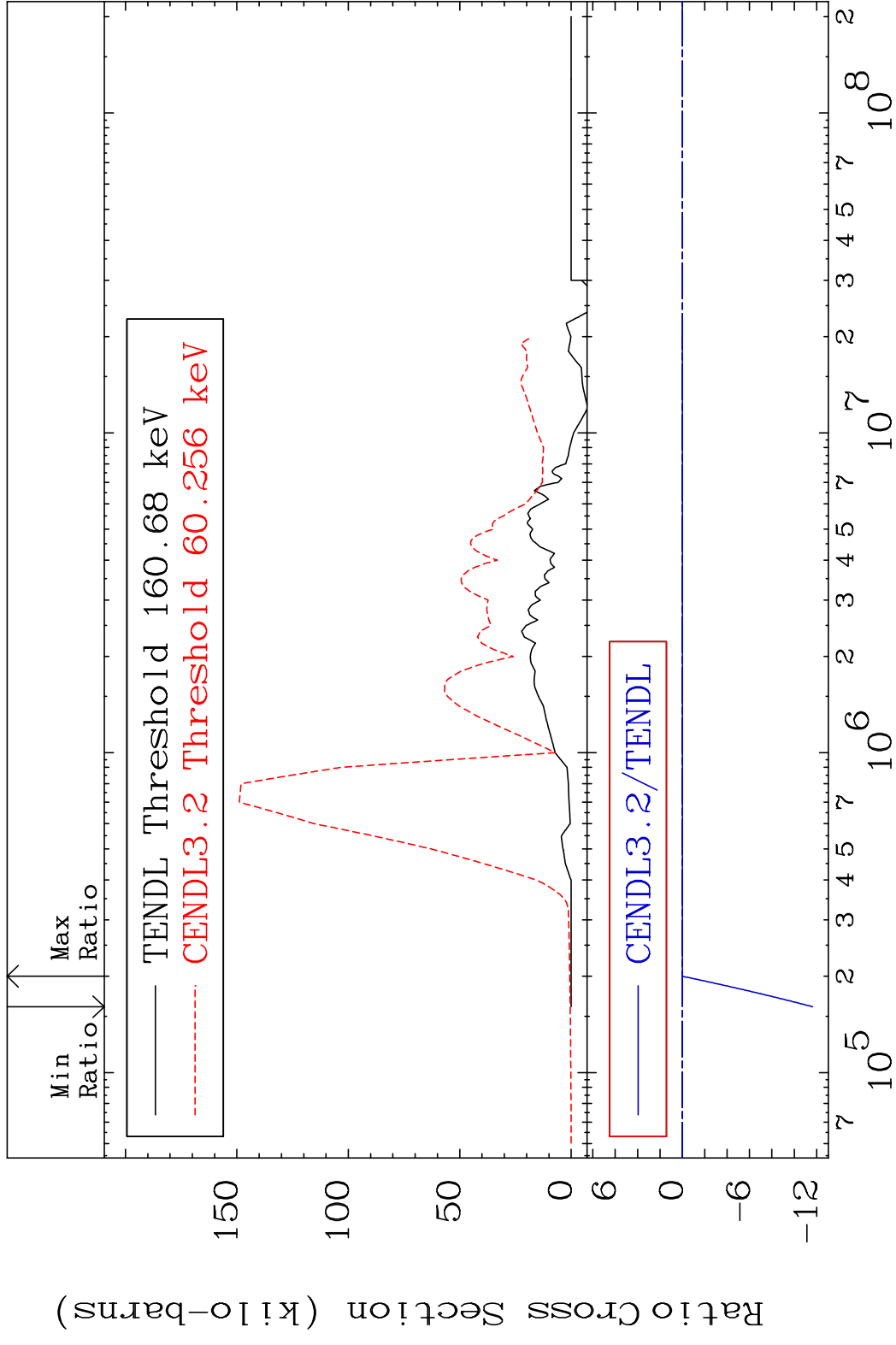


MAT 9343 Kerma non-elastic (all but mt2) 93-Np-236
 Cross Section -72.32 To 1799. %

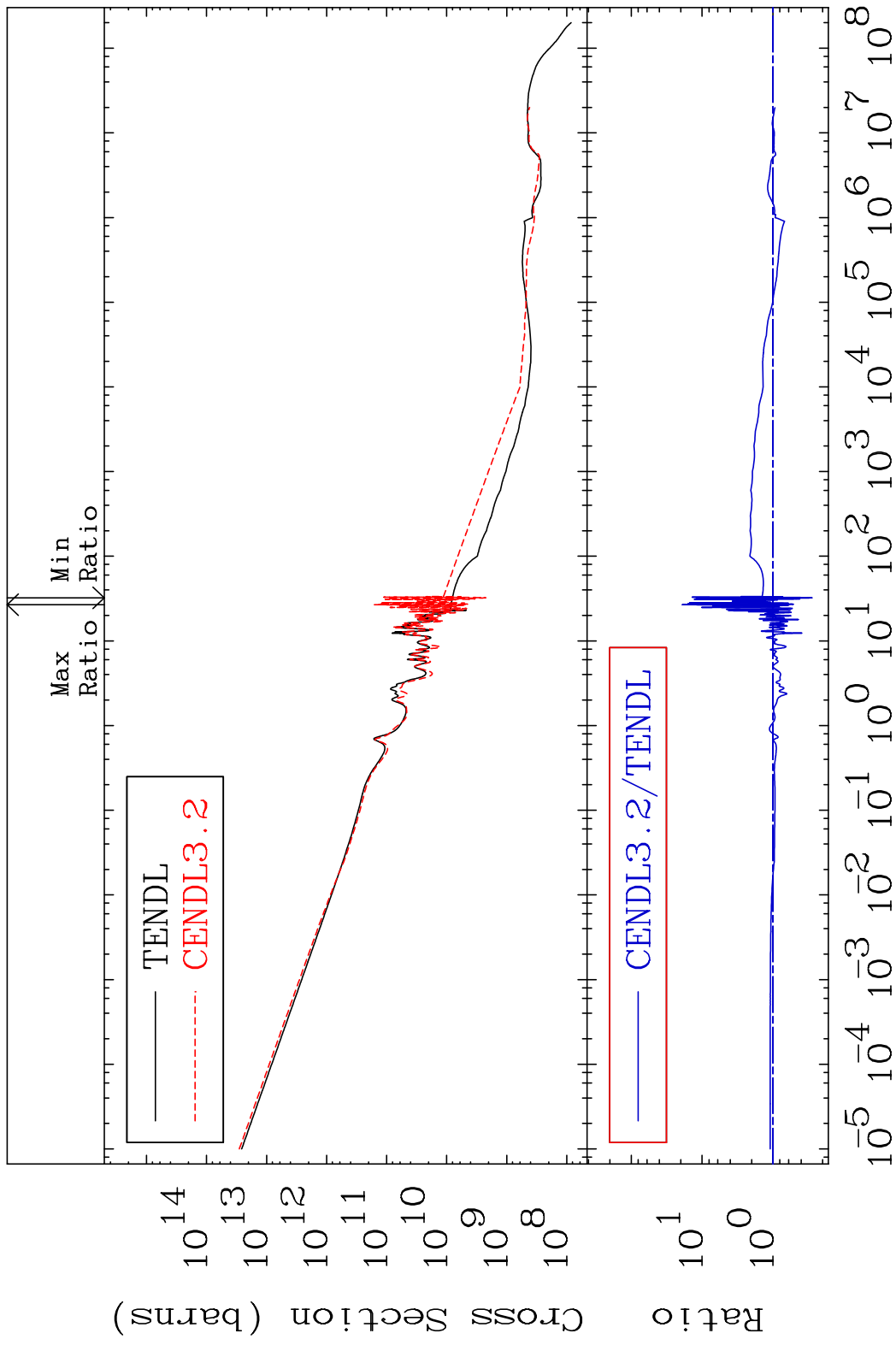


23 Incident Energy (eV) 93-Np-236

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



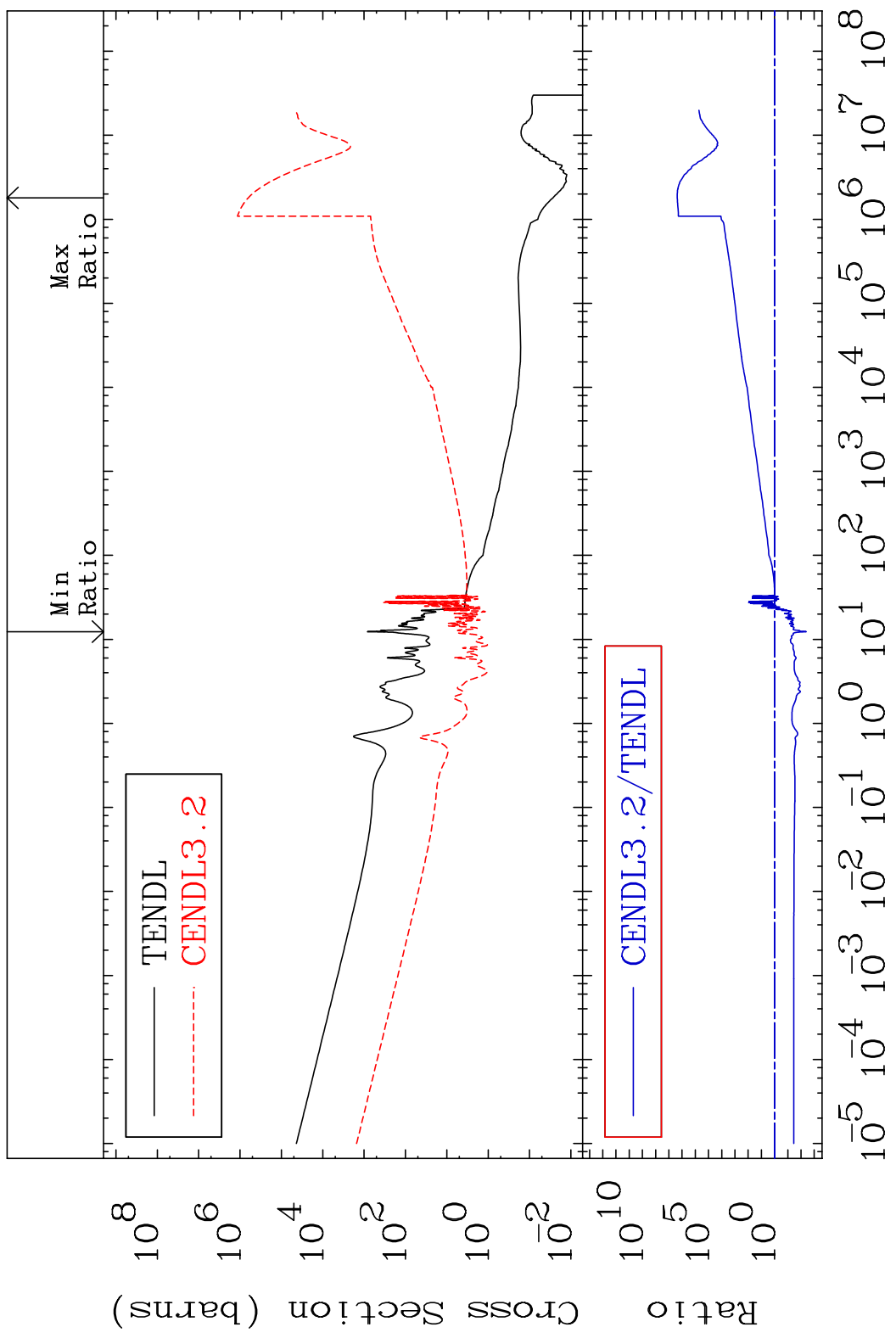
MAT 9343 Kerma fission (mt18 or mt19-20-21-38) 93-Np-236
 Cross Section -72.32 To 1799. %



25 Incident Energy (eV) 93-Np-236

MAT 9343

Kerma capture (mt102) 93-Np-236
Cross Section -99.61 To 9999. %

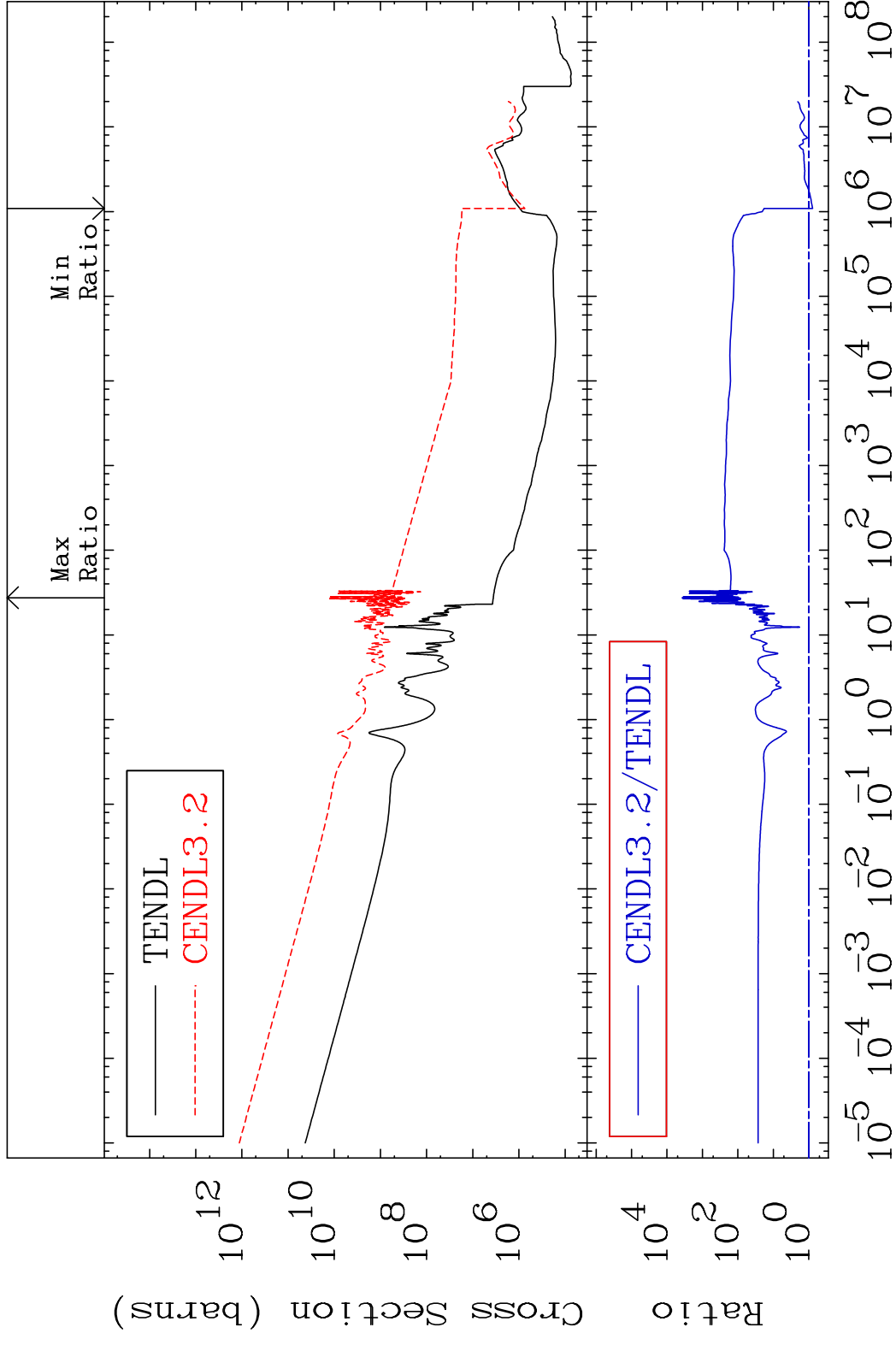


26

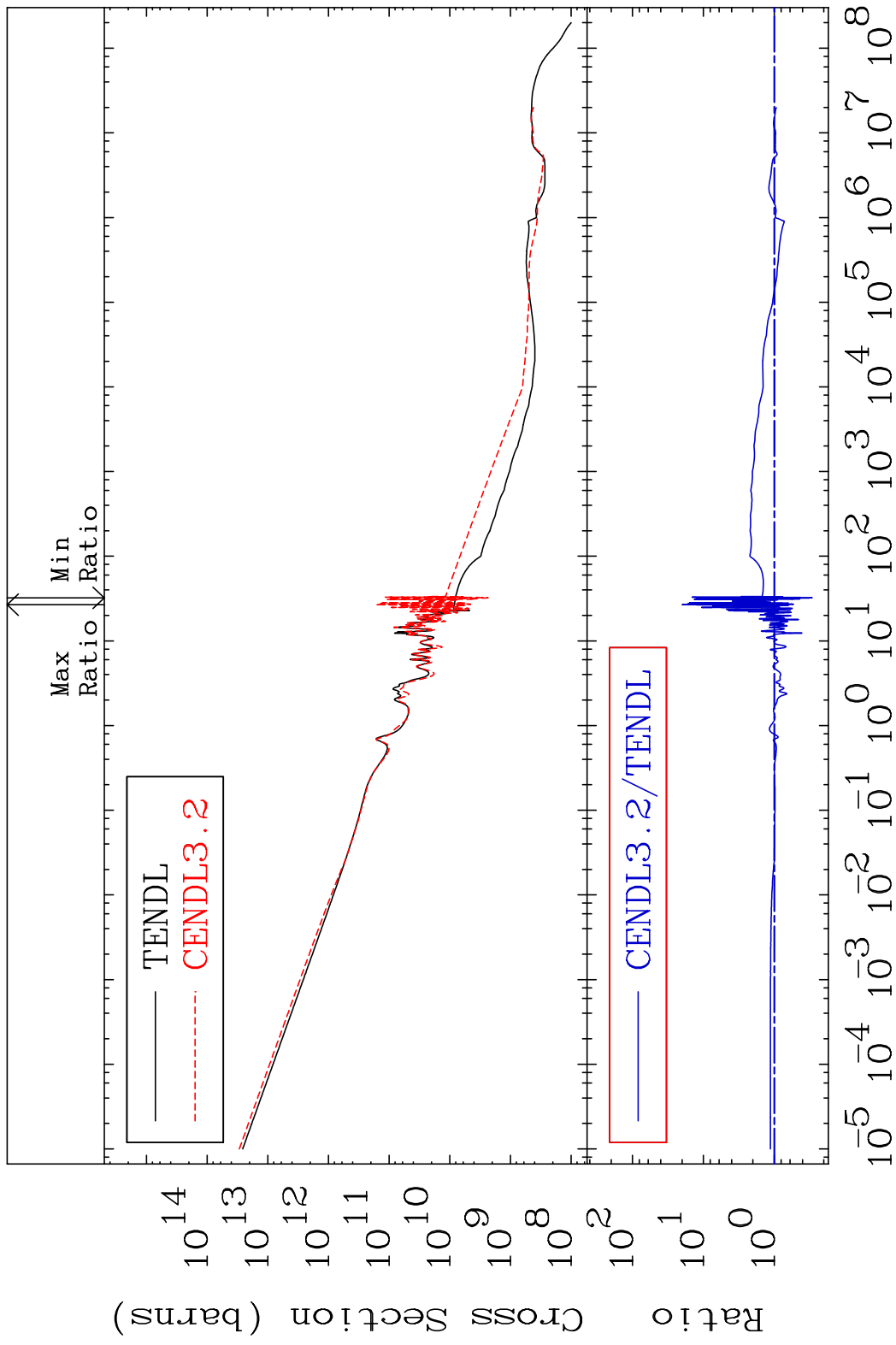
Incident Energy (eV)

93-Np-236

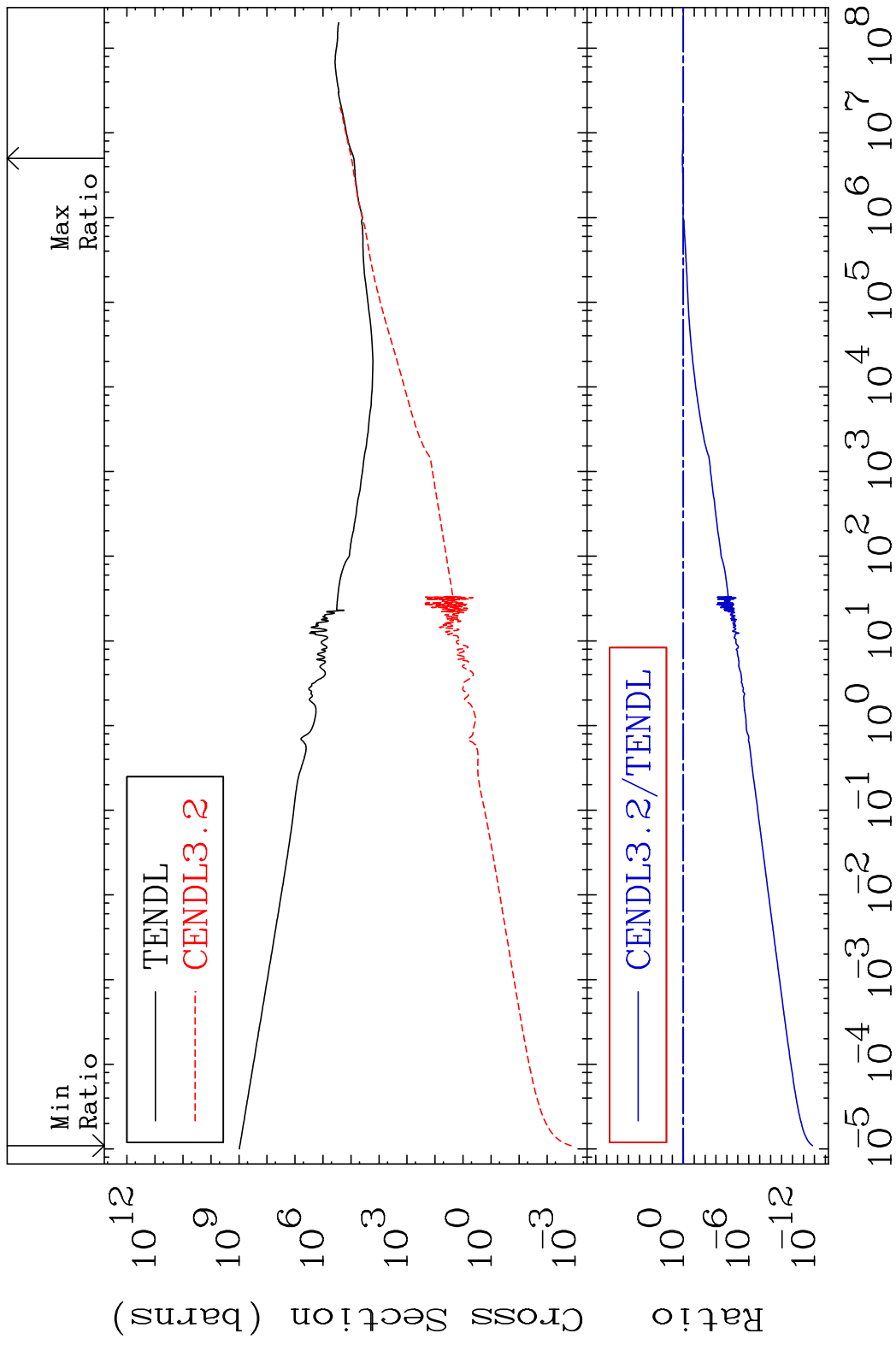
MAT 9343 Total photon (eV-barns) 93-Np-236
 Cross Section -22.12 To 9999. %



MAT 9343 Total kinematic kerma (high limit) 93-Np-236
 Cross Section -71.13 To 1881. %



MAT 9343 Dpa total (eV-barns) 93-Np-236
 Cross Section -100.0 To 20.24 %

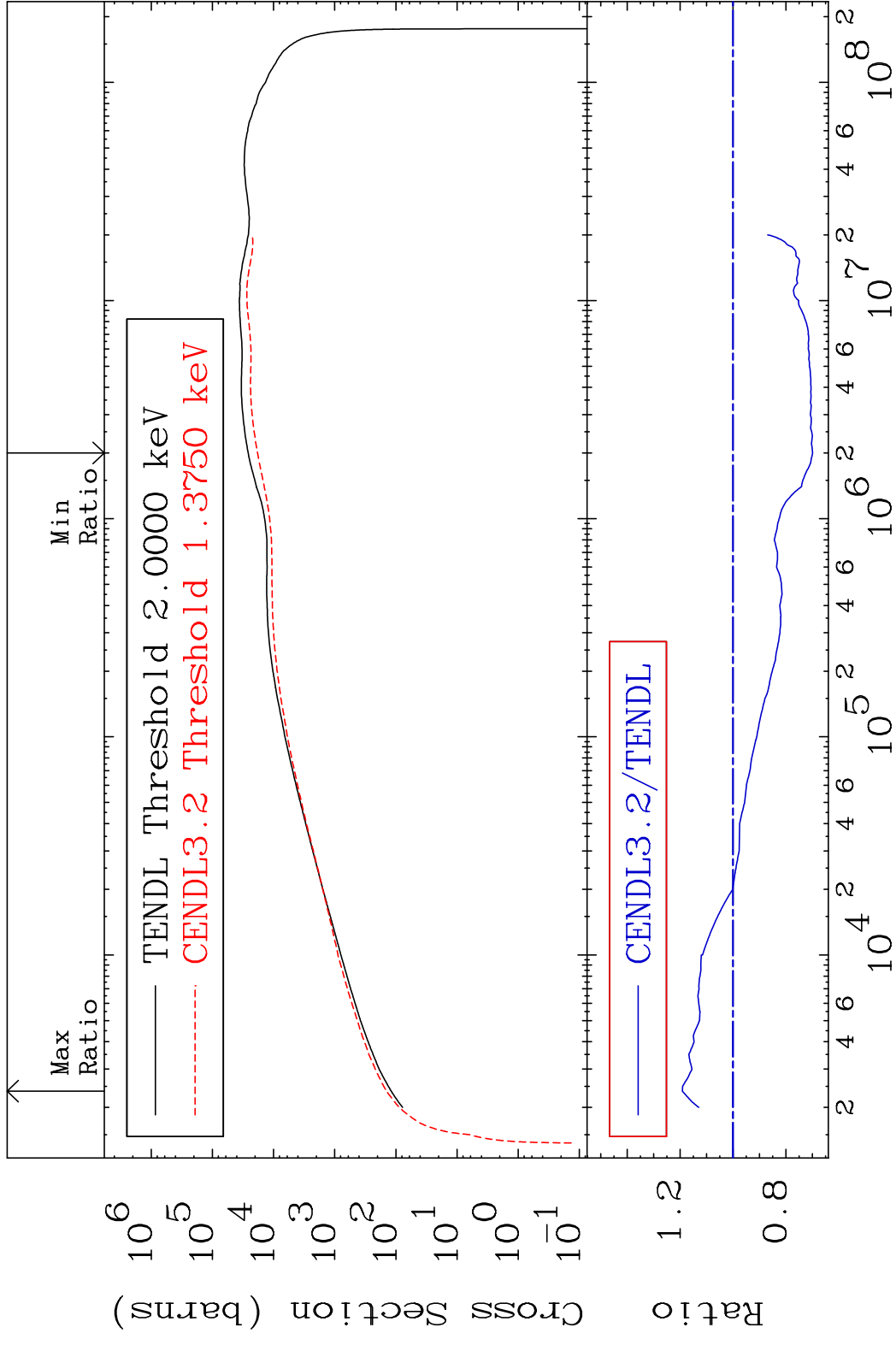


MAT 9343

Dpa elastic (mt2)

93-Np-236

Cross Section -30.04 To 19.17 %

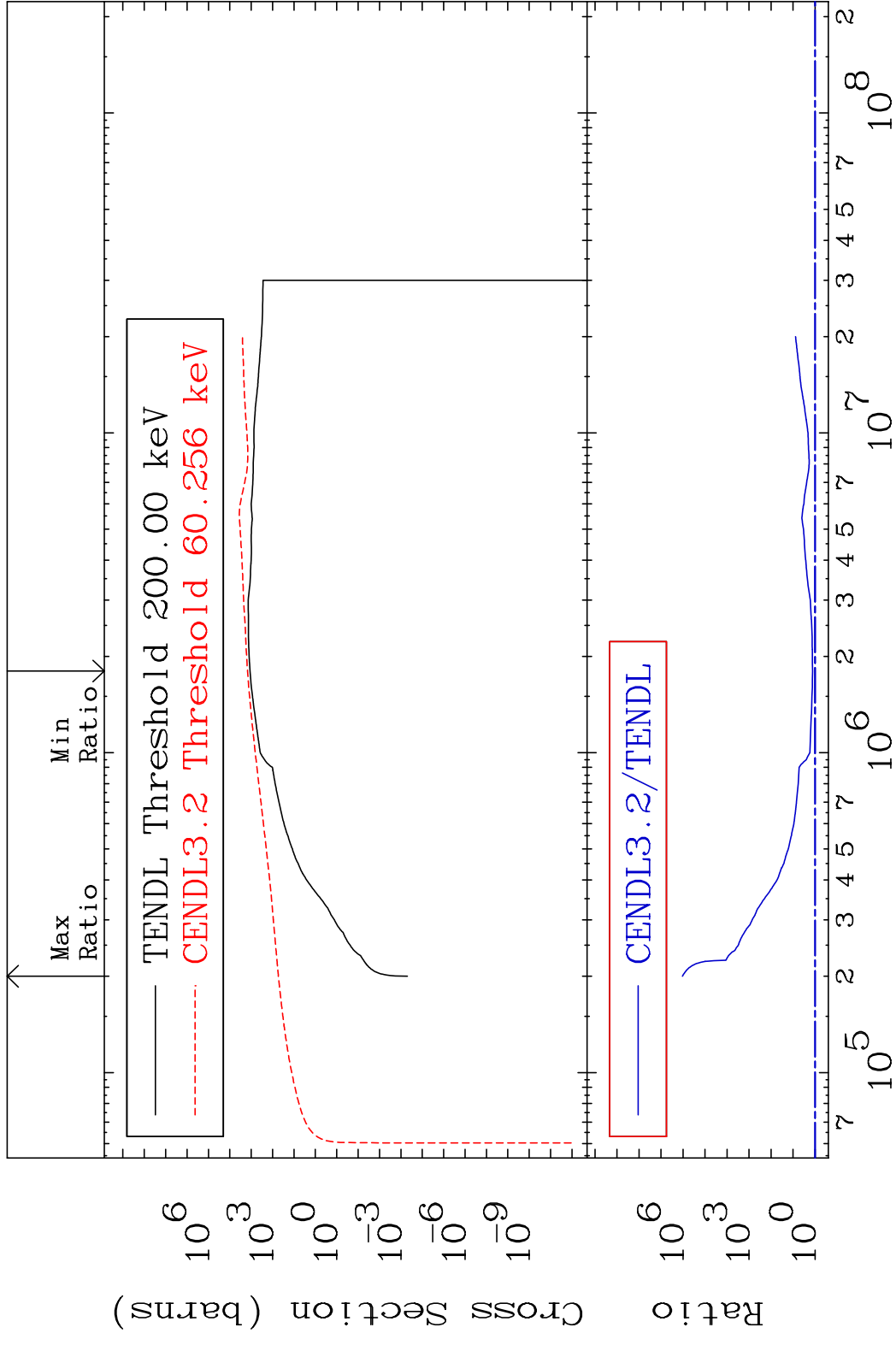


30

Incident Energy (eV)

93-Np-236

MAT 9343 Dpa inelastic (mt51-91) 93-Np-236
 Cross Section 29.56 To 9999. %



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

