

Program Complot
(Version 2021-1)

by

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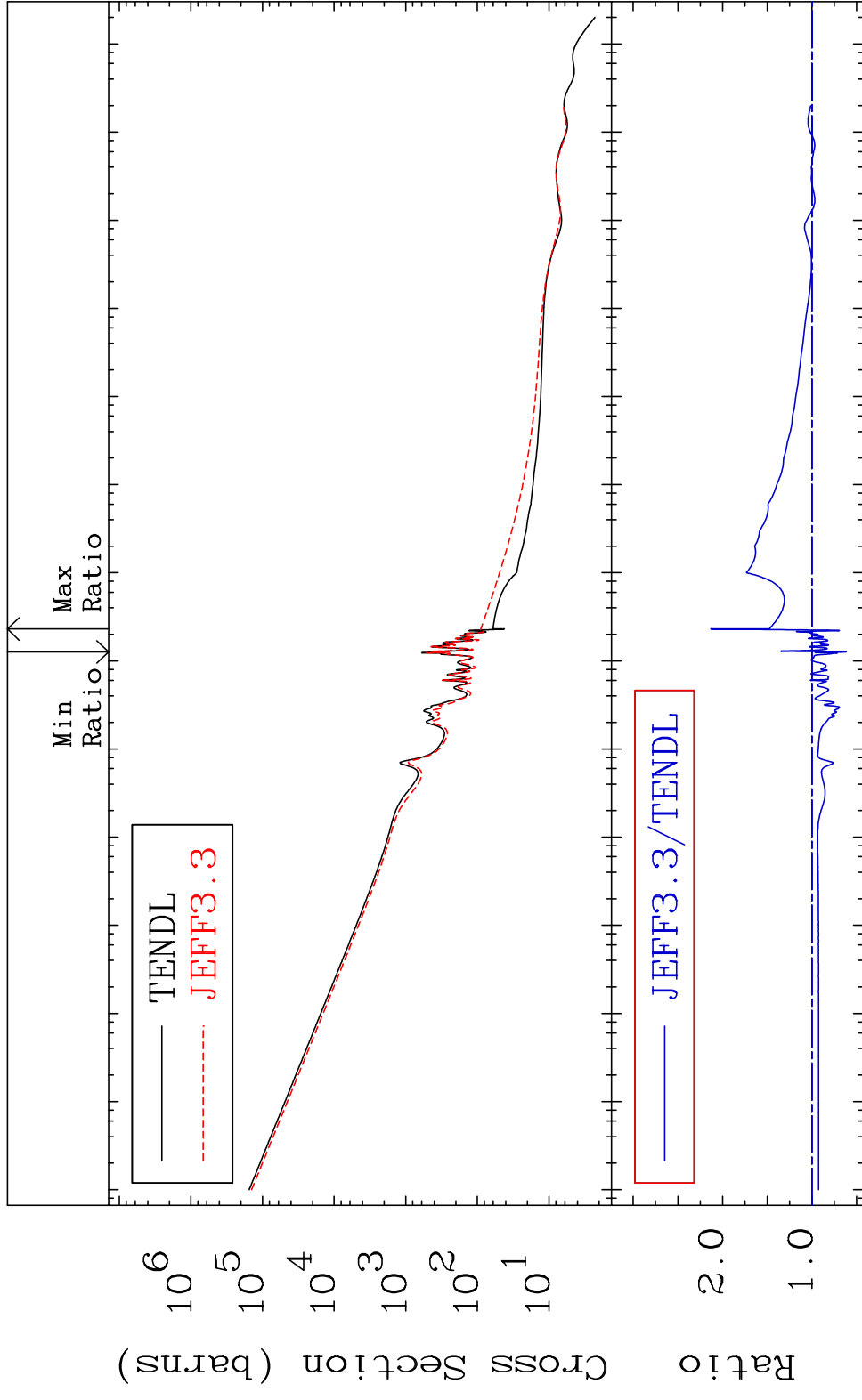
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9343

Total
Cross Section -38.43 To 113.3 %

93-Np-236



1

Incident Energy (eV)

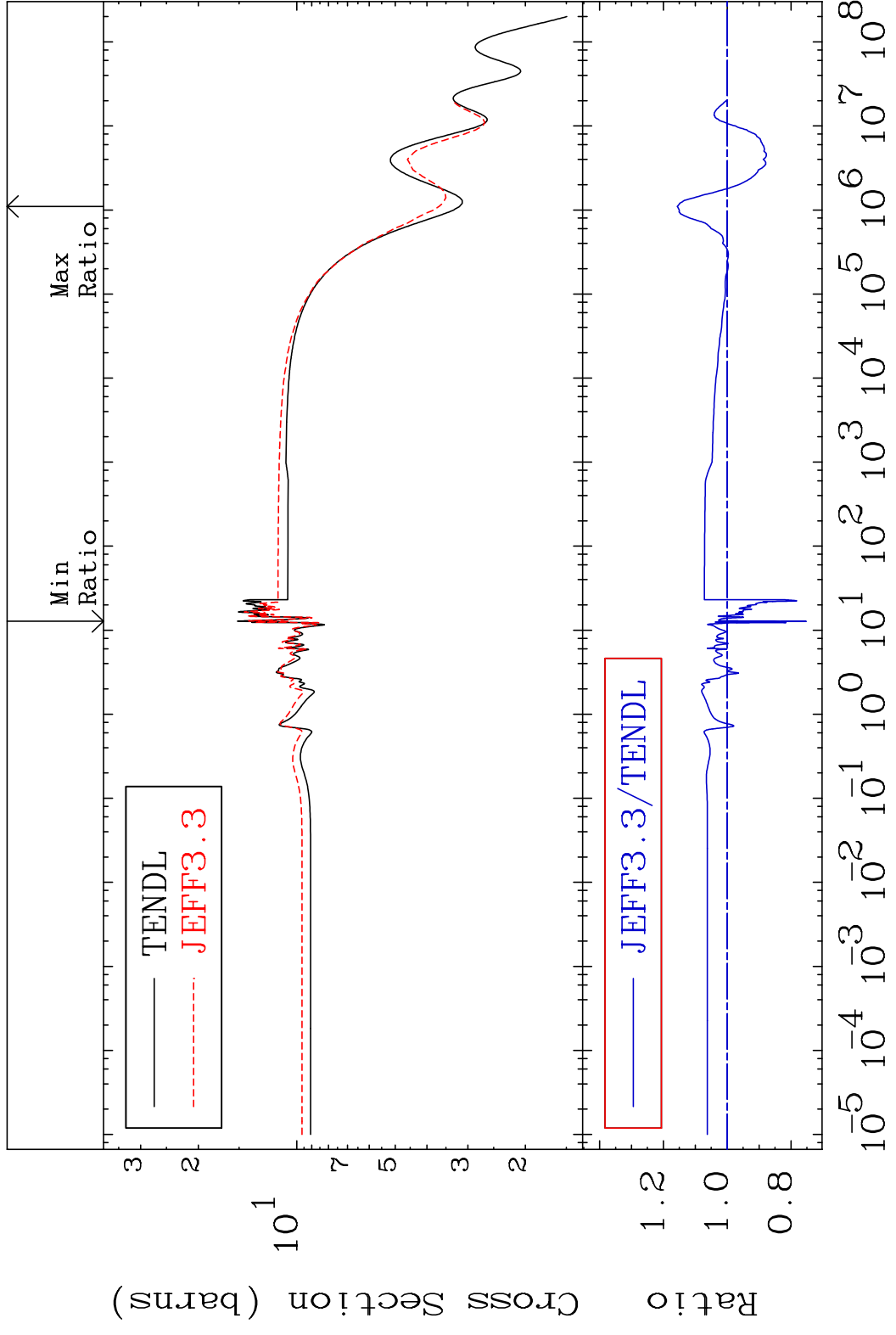
93-Np-236

MAT 9343

Elastic

93-Np-236

Cross Section -24.84 To 15.68 %



2

Incident Energy (eV)

93-Np-236

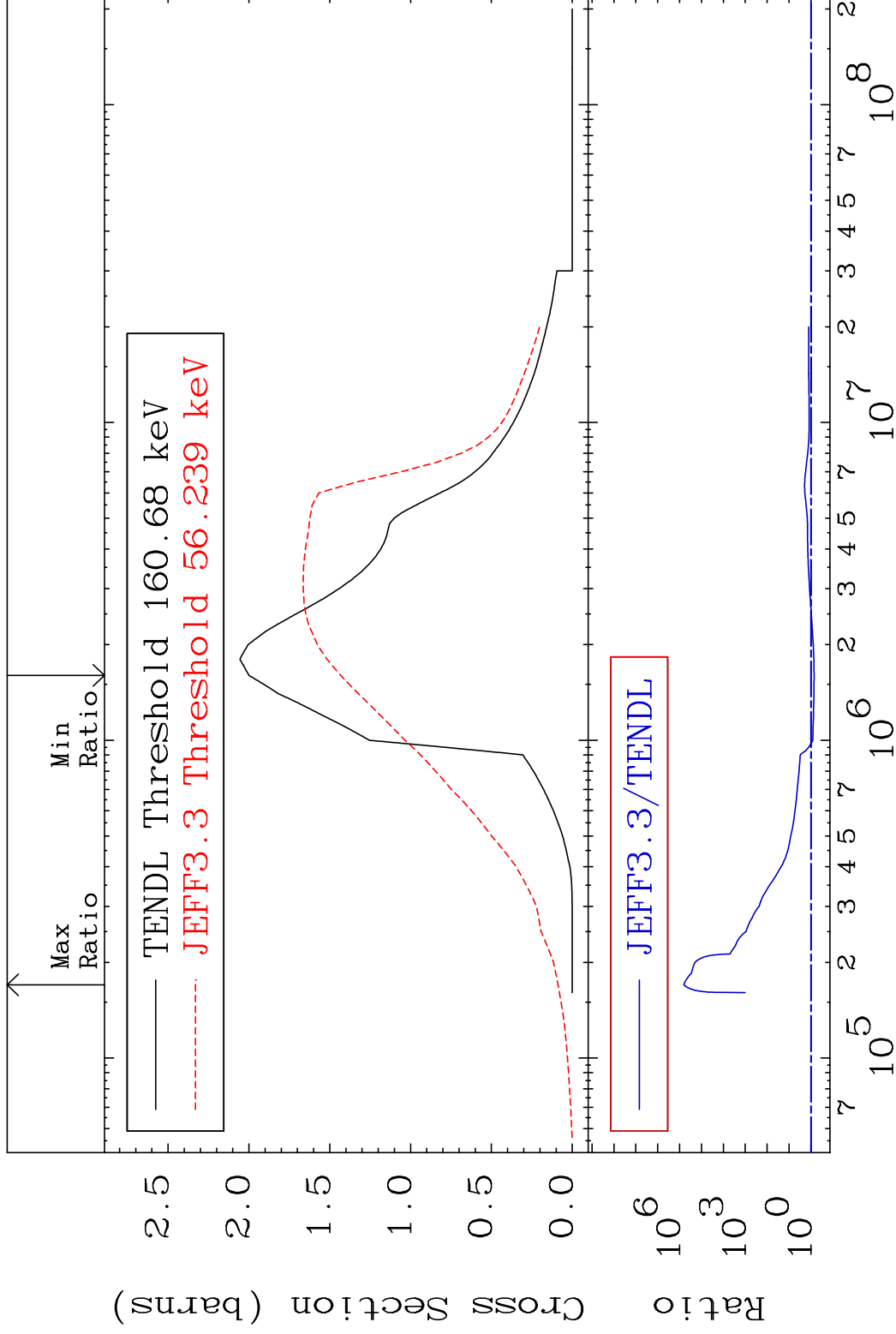
MAT 9343

Inelastic

93-Np-236

Cross Section

-28.37 To 9999. %



3

Incident Energy (eV)

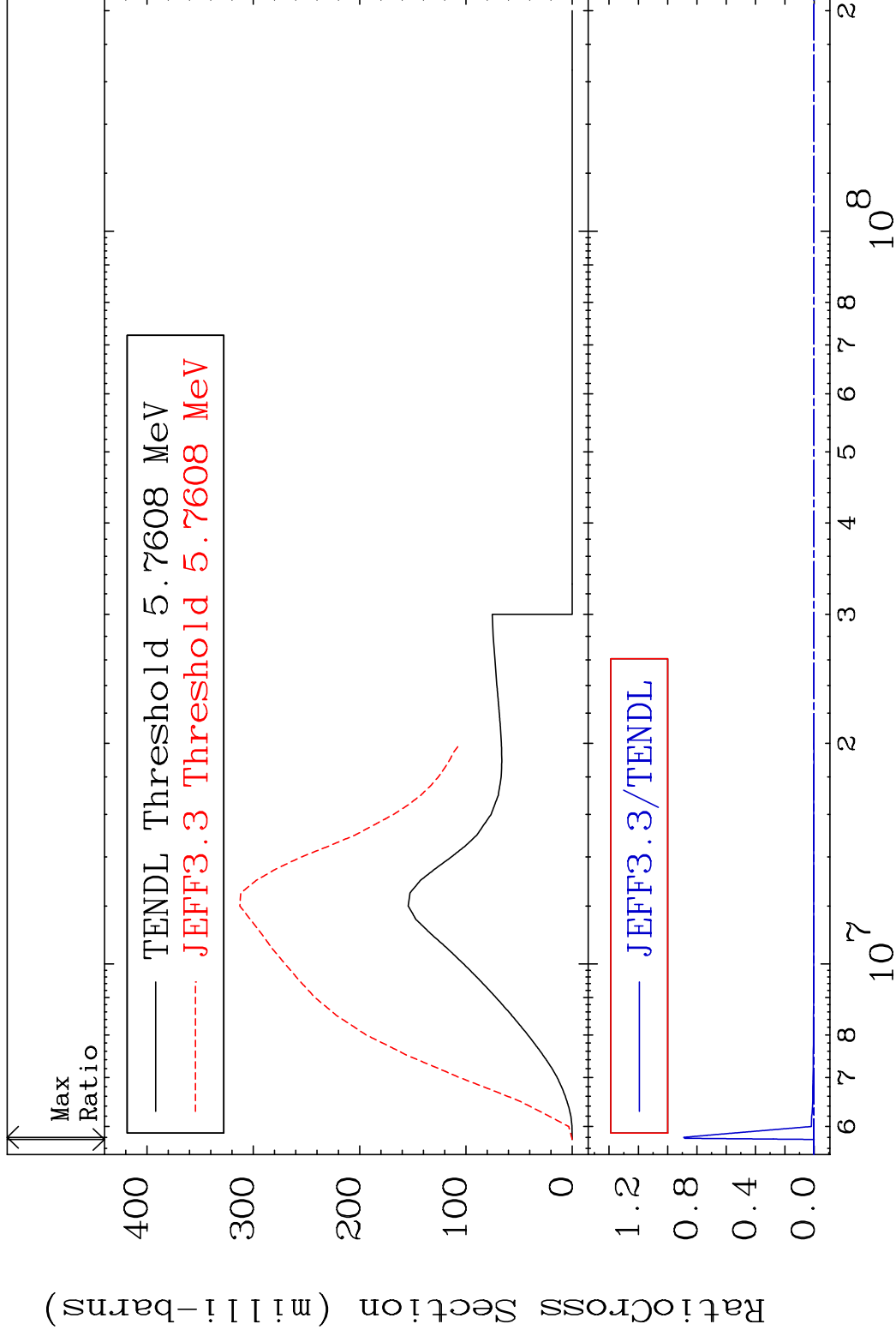
93-Np-236

MAT 9343

(n,2n)

93-Np-236

Cross Section -100.0 To 9999. %



4

Incident Energy (eV)

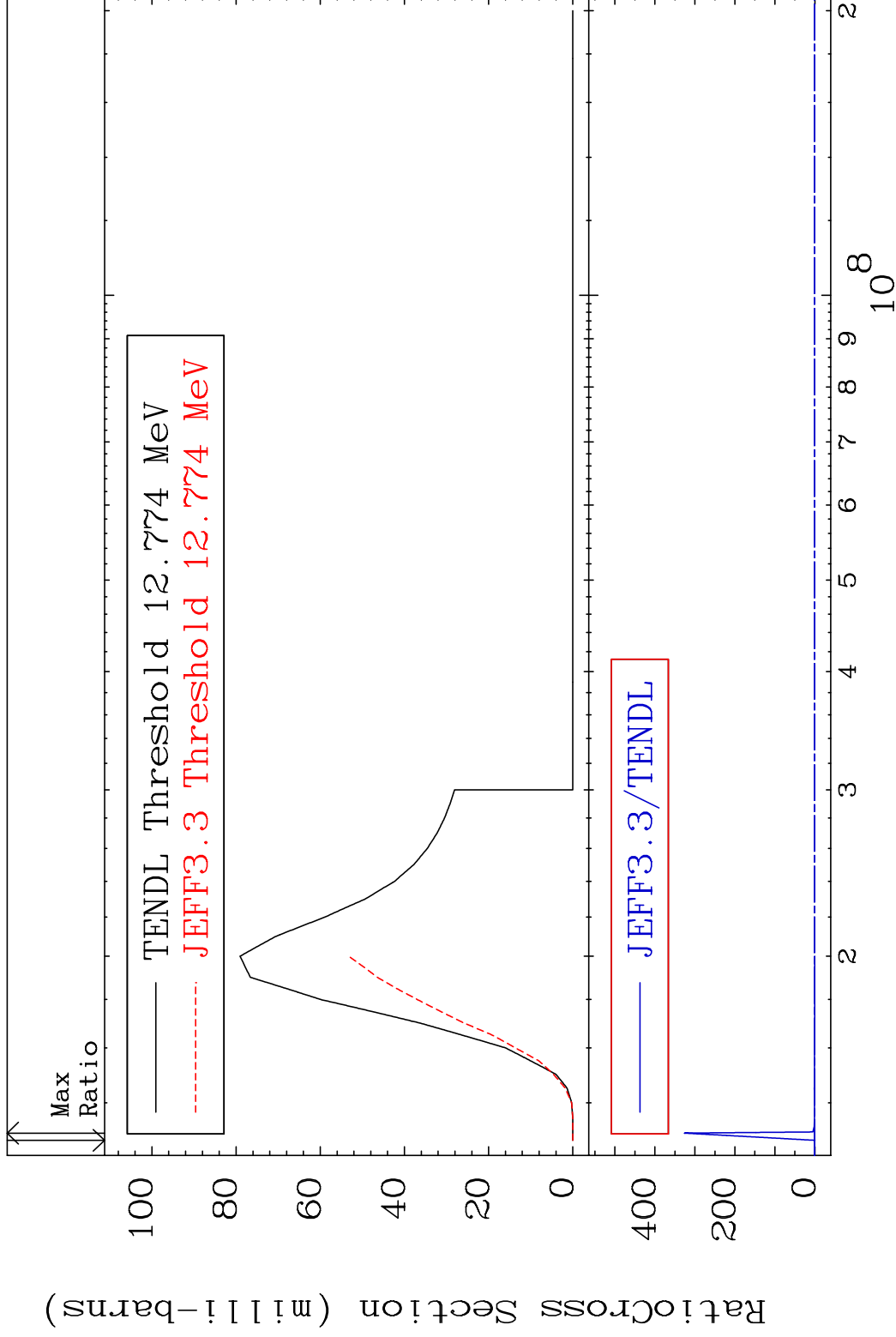
93-Np-236

MAT 9343

(n,3n)

93-Np-236

Cross Section -100.0 To 9999. %



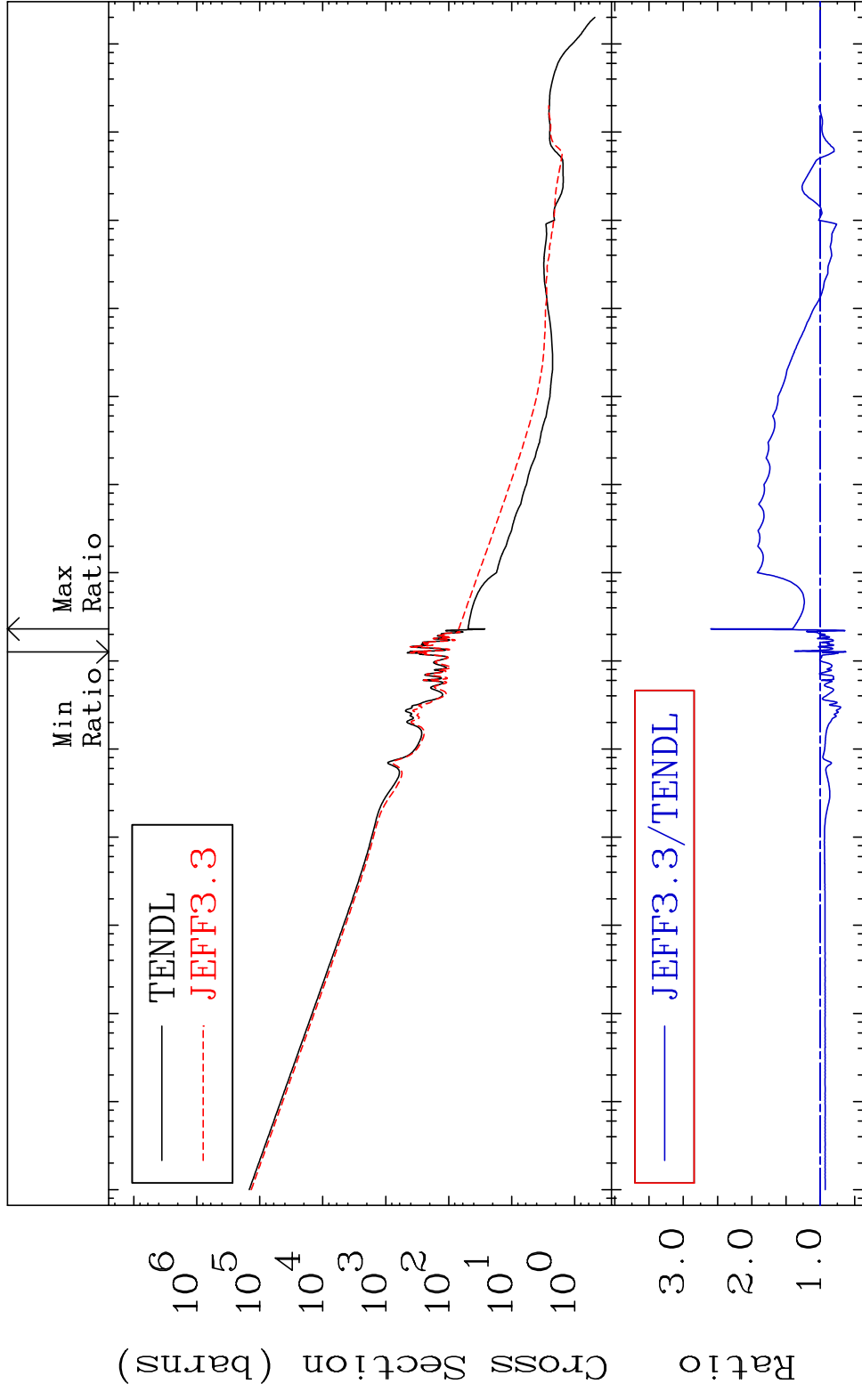
5

Incident Energy (eV)

93-Np-236

MAT 9343

Fission
Cross Section -37.94 To 160.0 %



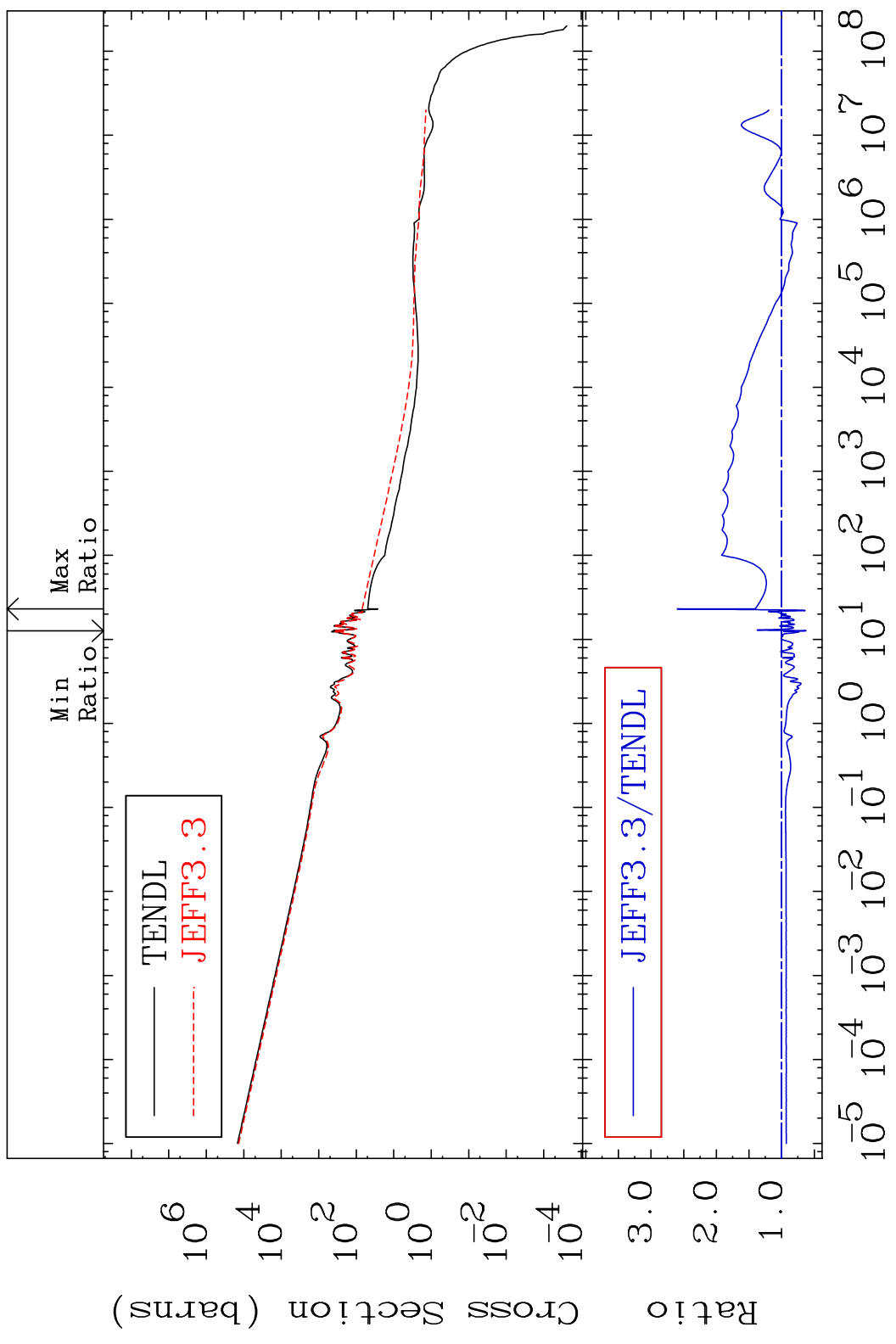
6

Incident Energy (eV)

93-Np-236

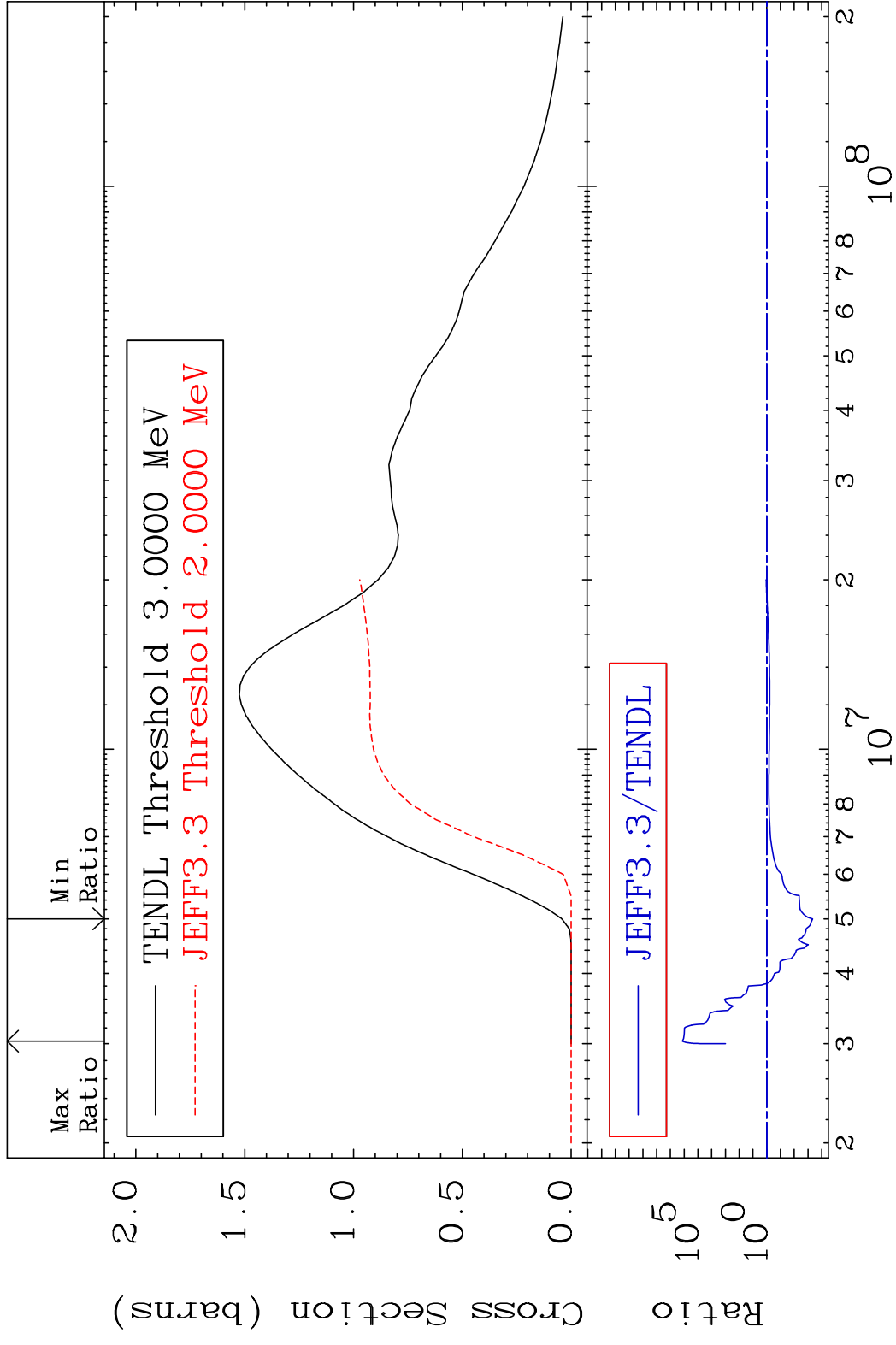
MAT 9343

(n,f) First Chance 93-Np-236
Cross Section -37.94 To 160.0 %

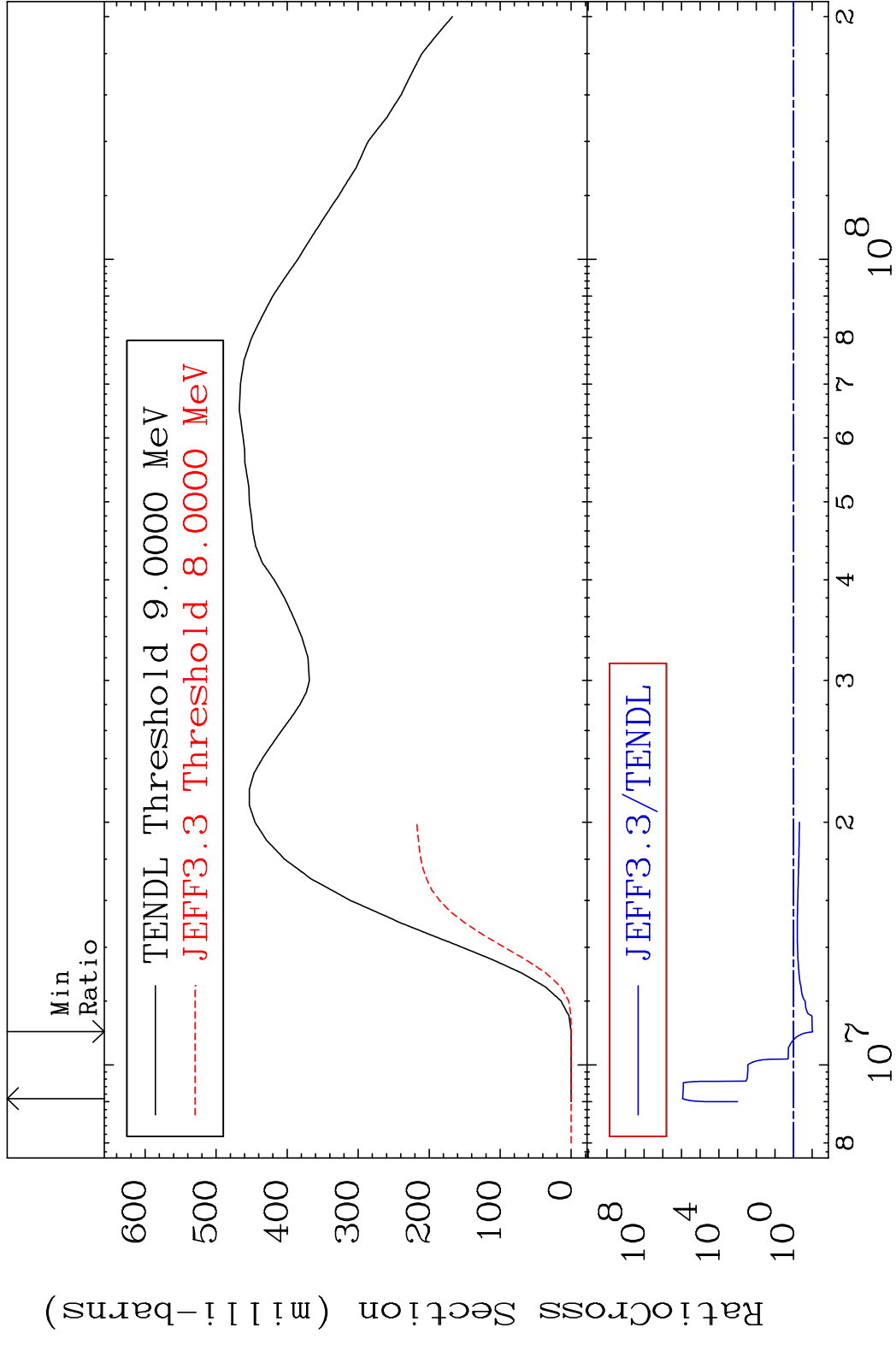


MAT 9343

(n, nf) Second Chance 93-Np-236
Cross Section -99.95 To 9999. %



MAT 9343 (n,2nf) Third Chance 93-Np-236
 Cross Section -90.40 To 9999. %

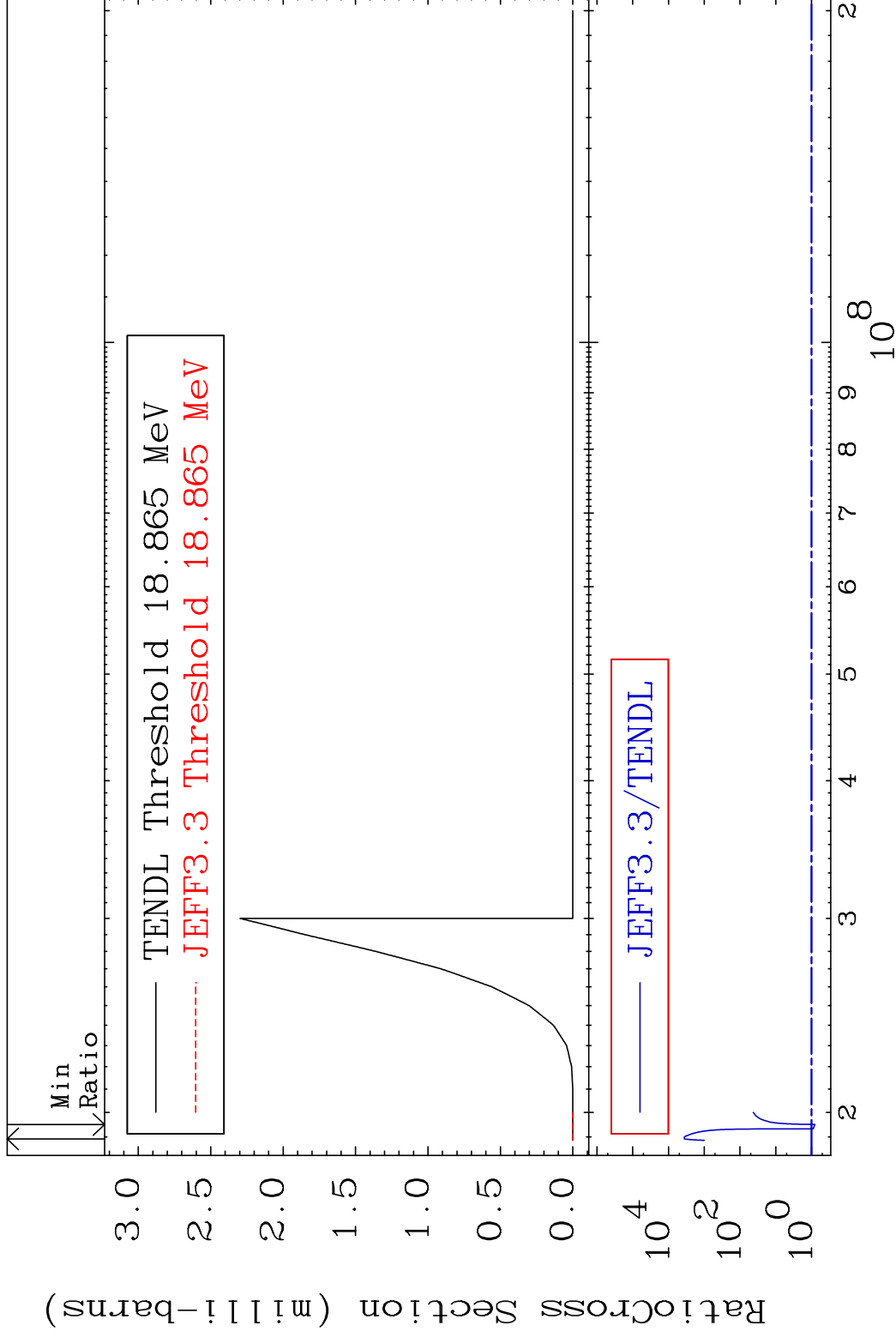


MAT 9343

(n,4n)

93-Np-236

Cross Section -19.46 To 9999. %



10

Incident Energy (eV)

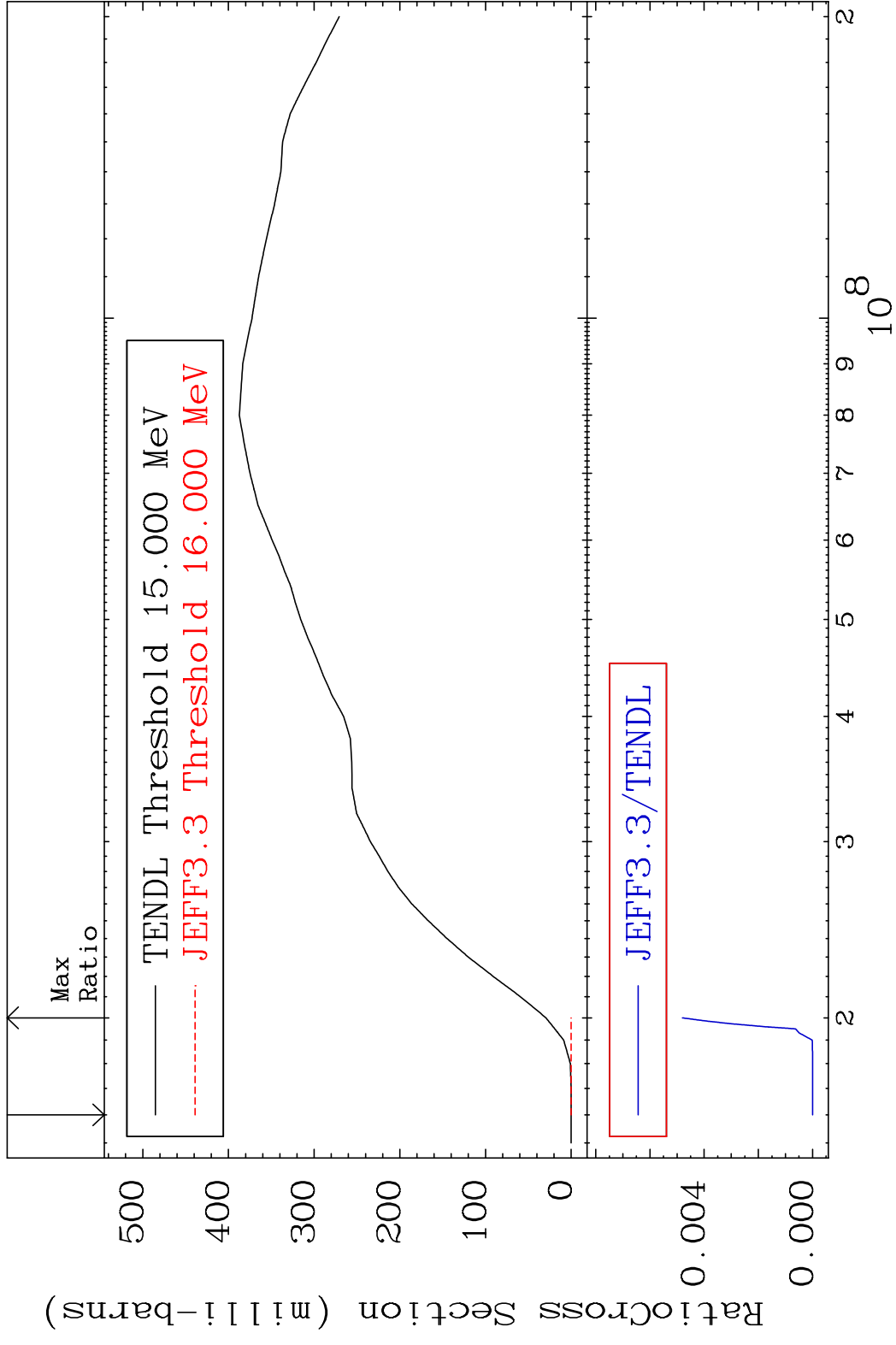
93-Np-236

MAT 9343

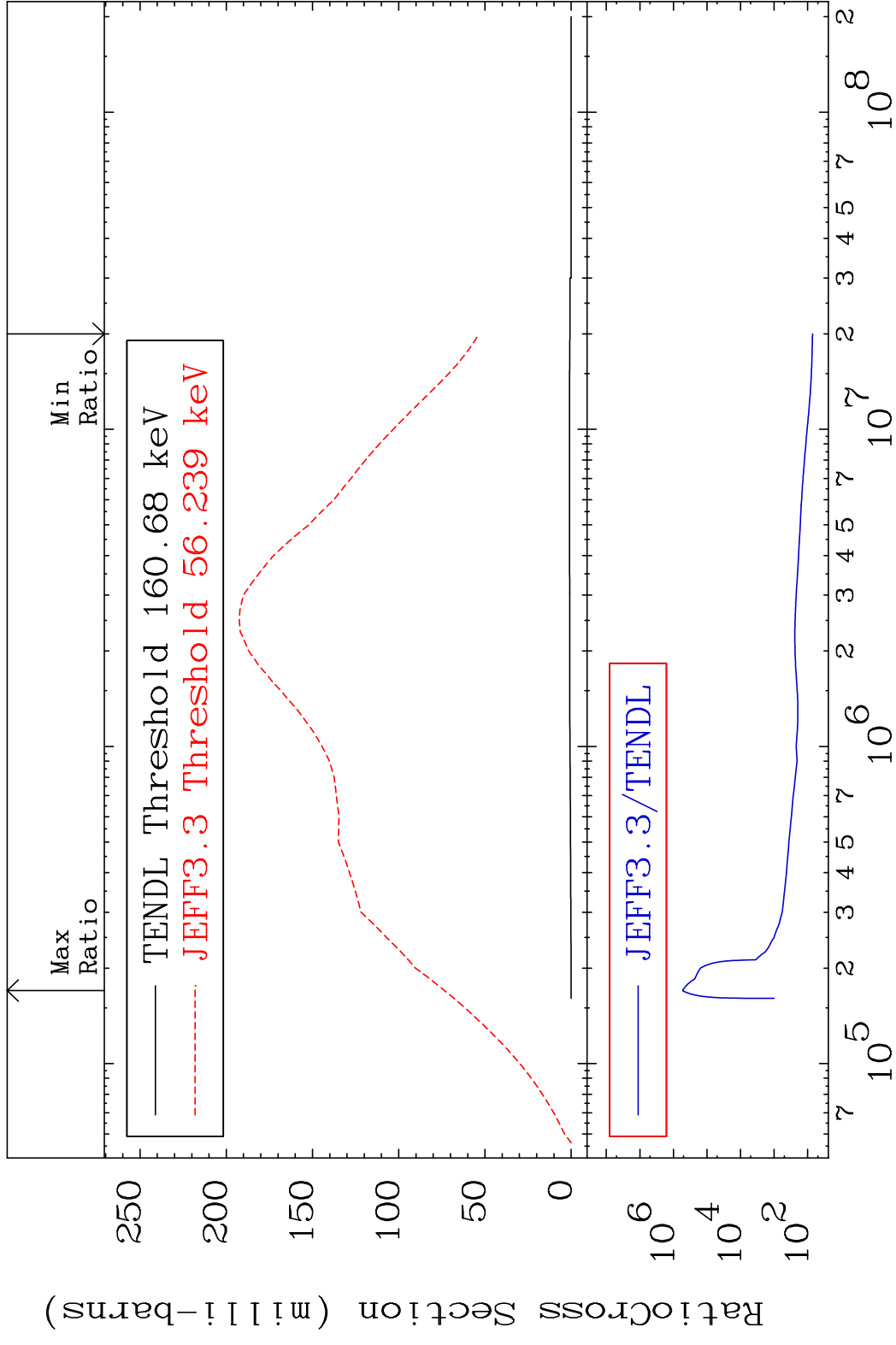
(n,3nf) Fourth Chance

93-Np-236

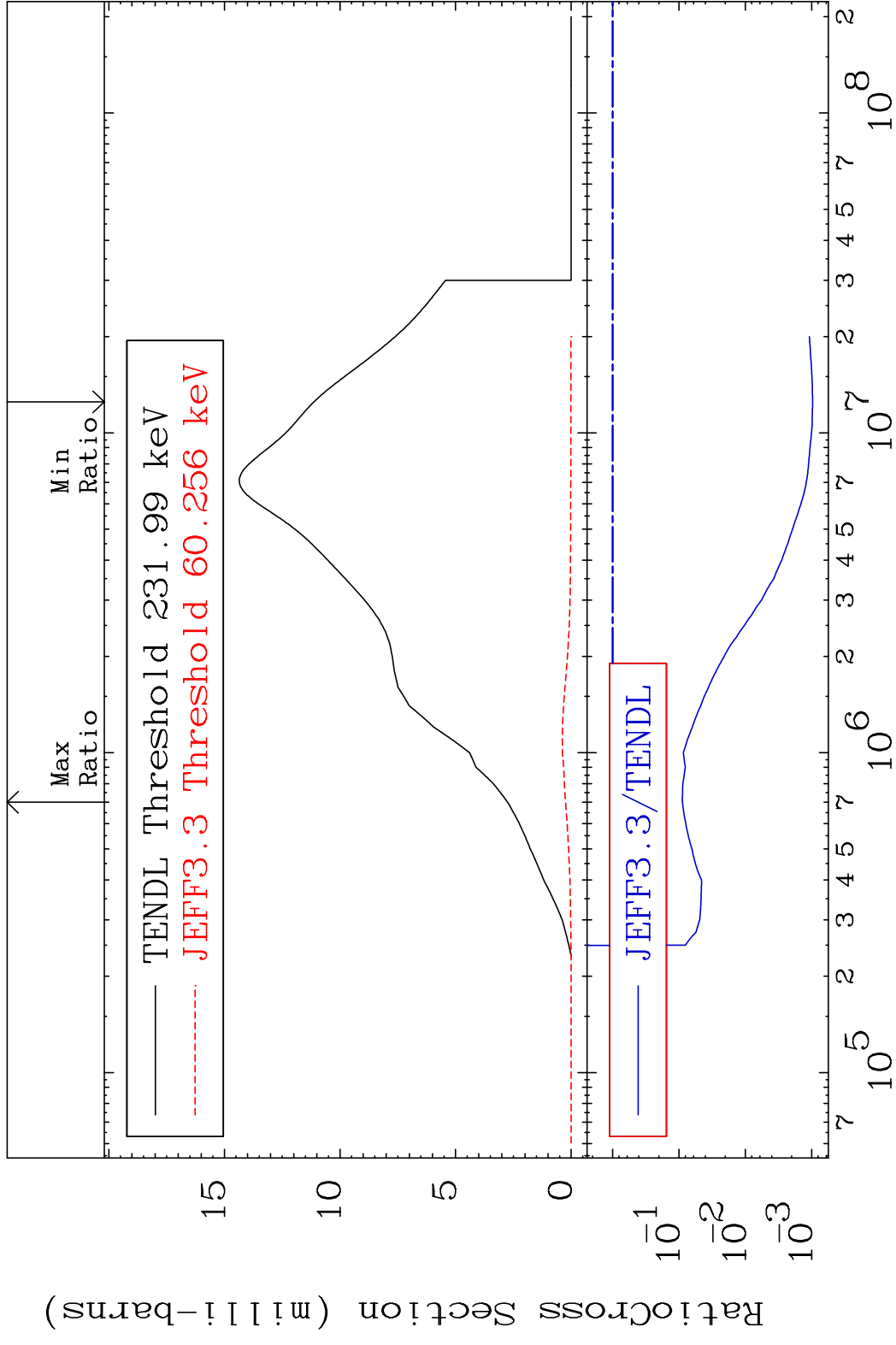
Cross Section -100.0 To -99.52%



MAT 9343 MT= 51 (n, n') Level 93-Np-236
 Cross Section 7066. To 9999. %



MAT 9343 MT= 52 (n, n') Level 93-Np-236
 Cross Section -99.90 To -91.13%

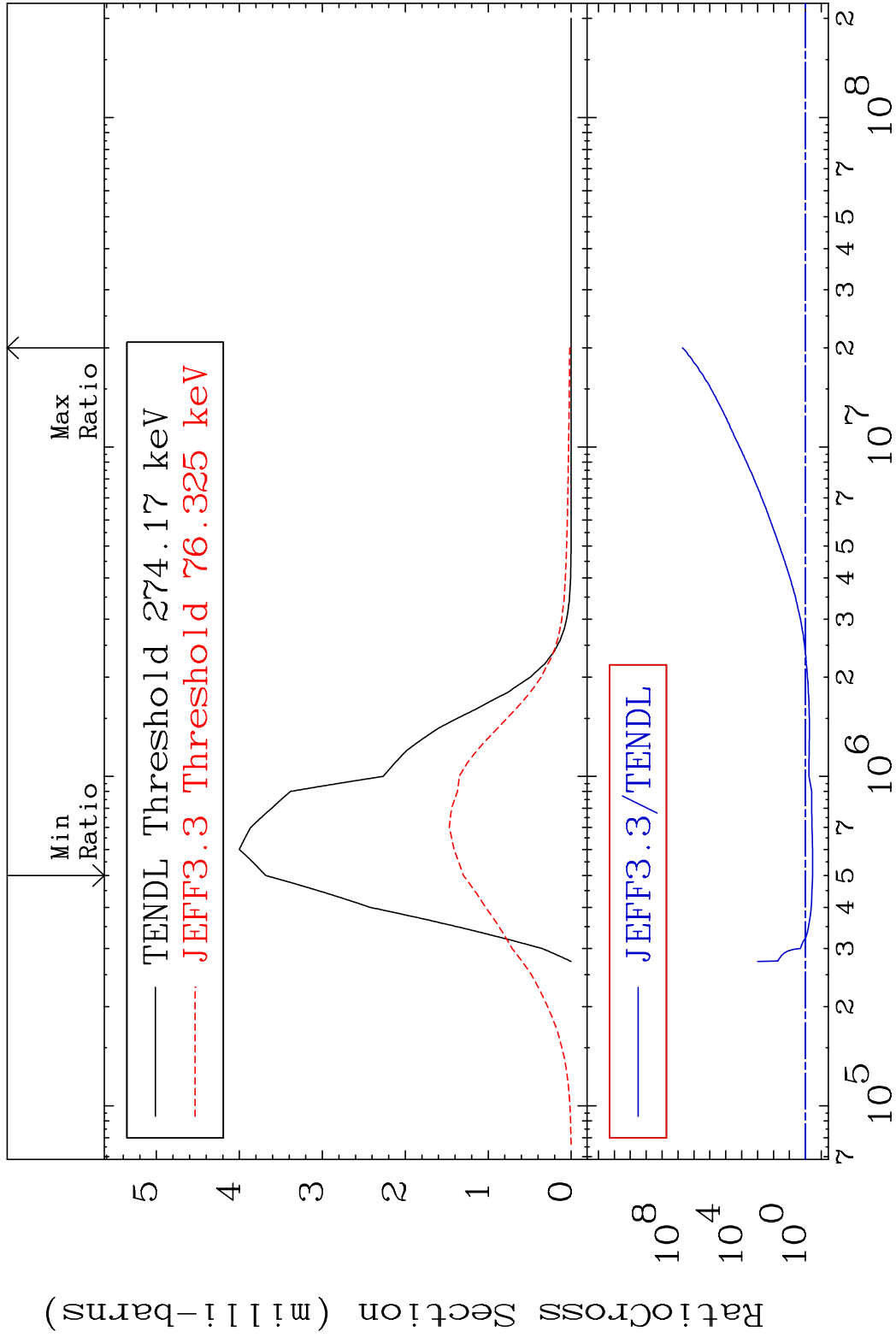


MAT 9343

MT= 53 (n, n')

Level 93-Np-236

Cross Section -64.72 To 9999. %

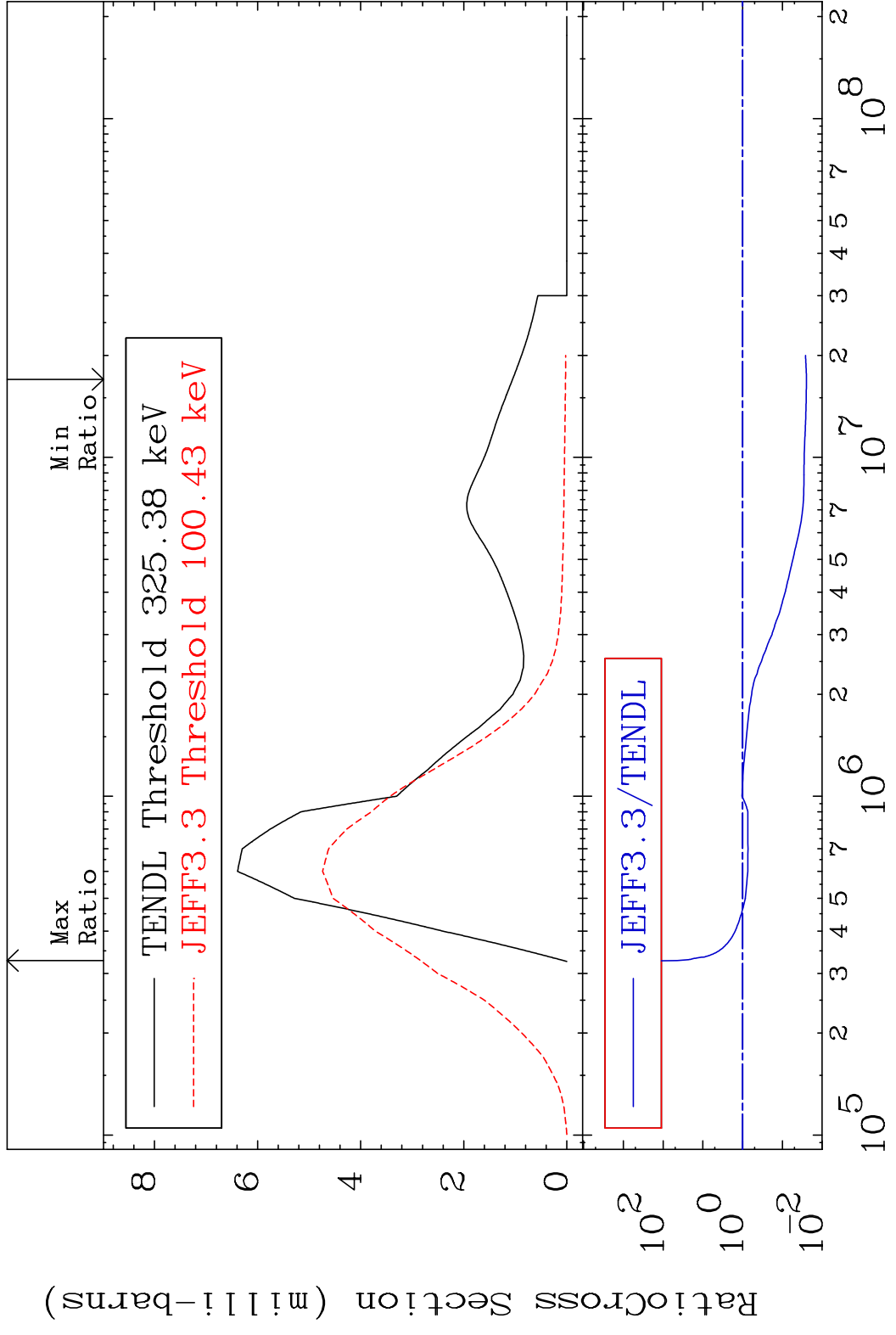


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Incident Energy (eV)

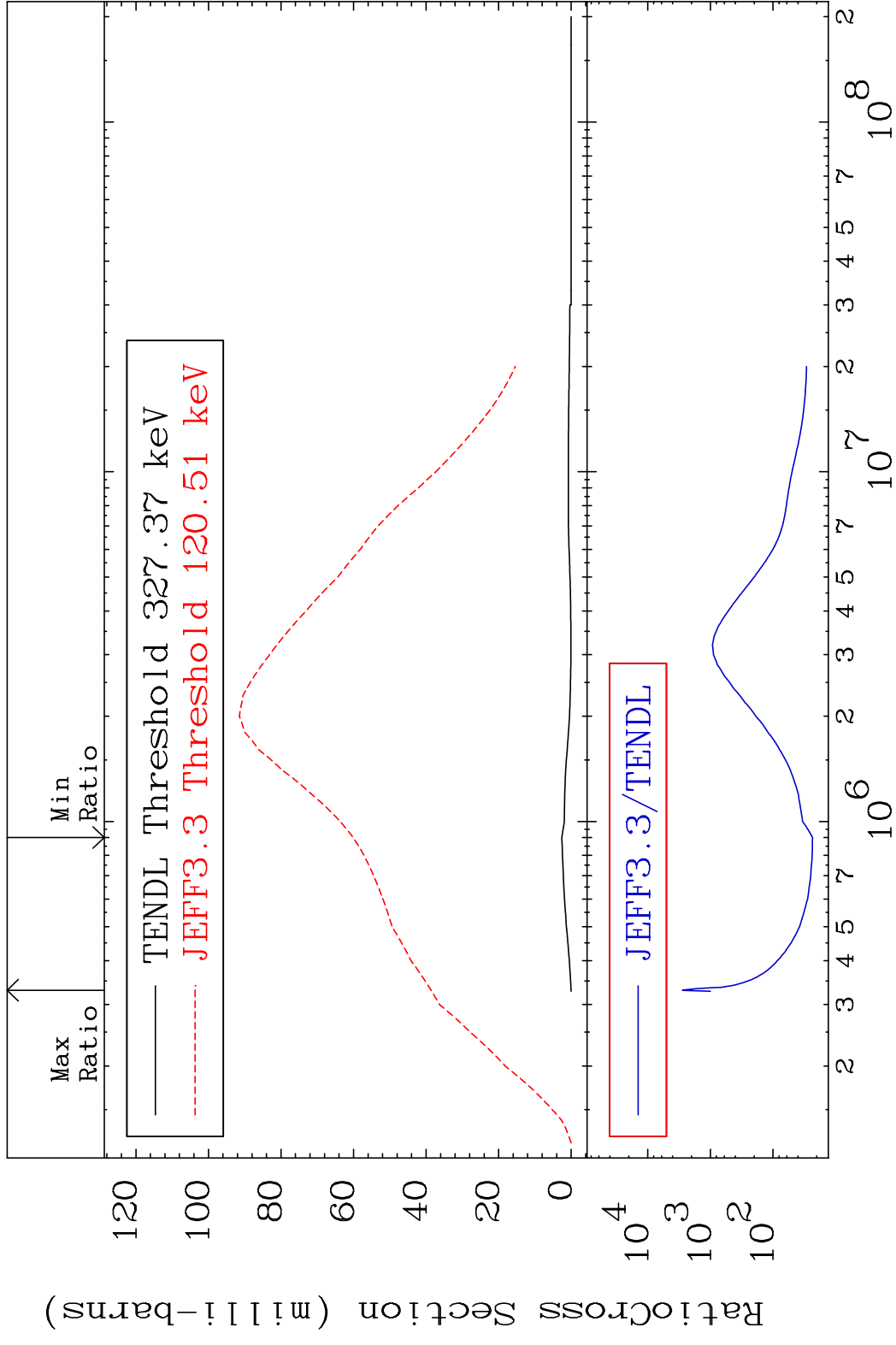
93-Np-236

MAT 9343 MT= 54 (n, n') Level 93-Np-236
 Cross Section -97.51 To 4330. %

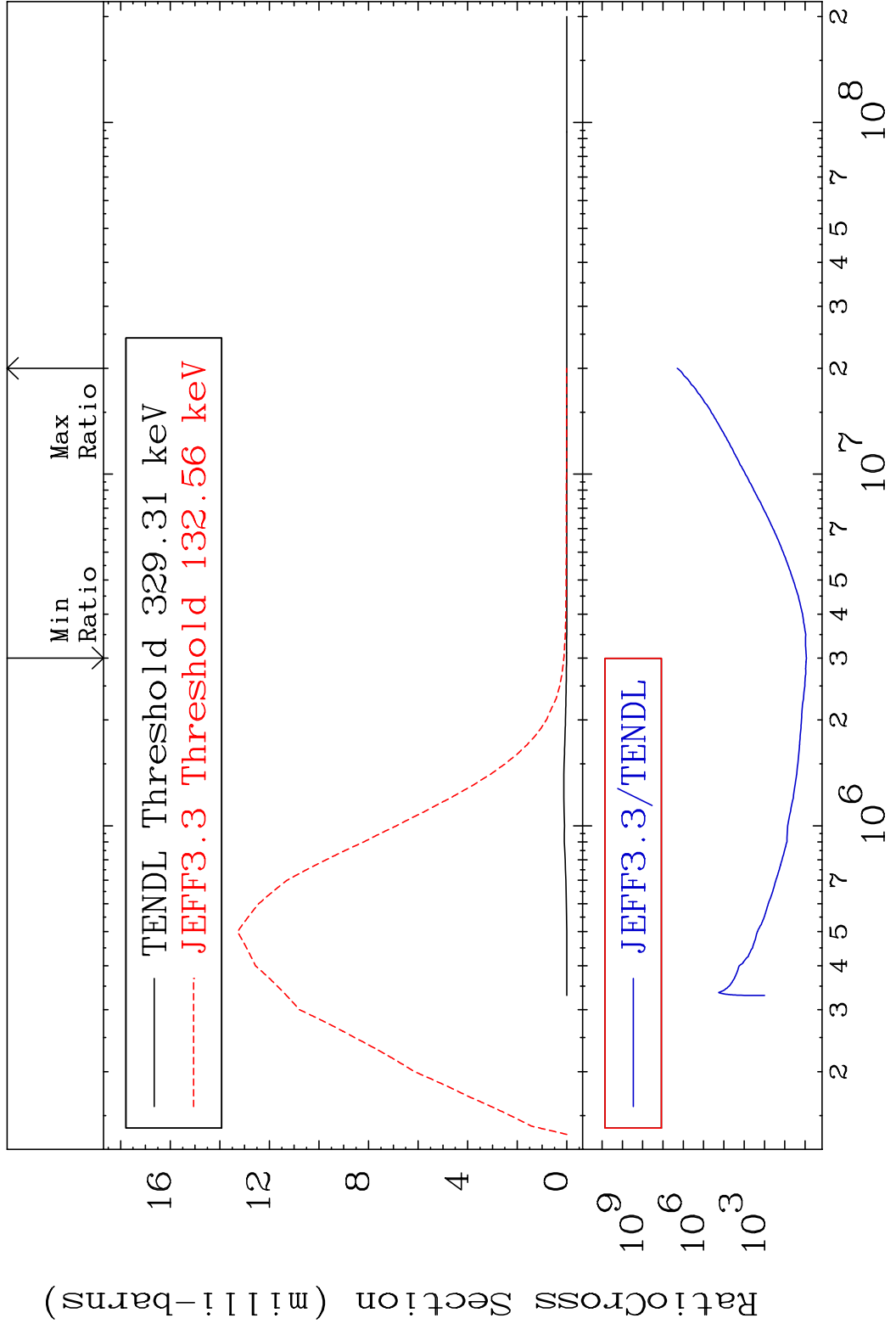


15 Incident Energy (eV) 93-Np-236

MAT 9343 MT= 55 (n, n') Level 93-Np-236
 Cross Section 2239. To 9999. %



MAT 9343 MT= 56 (n, n') Level 93-Np-236
 Cross Section 759.5 To 9999. %

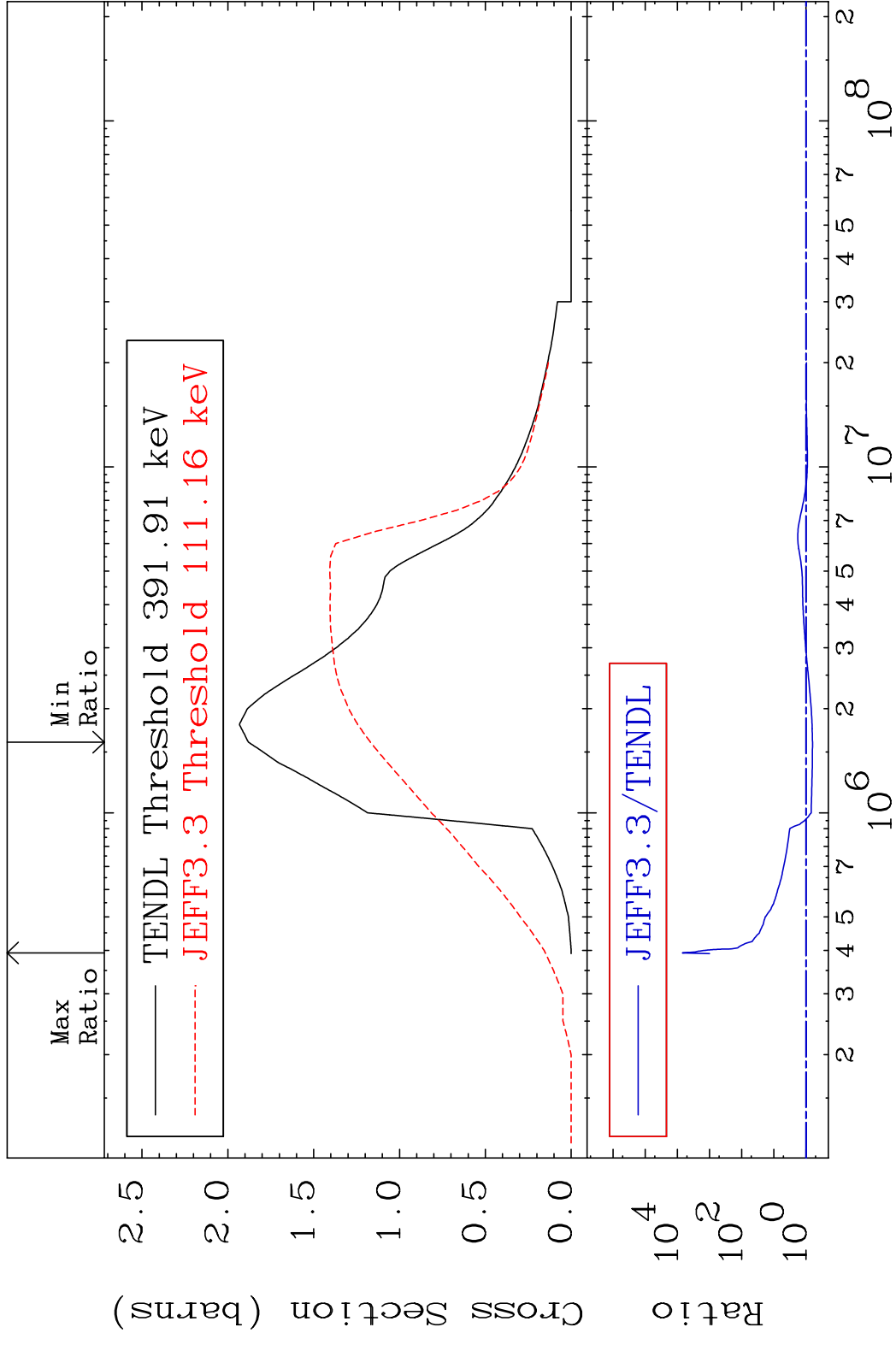


MAT 9343

(n, n') Continuum

93-Np-236

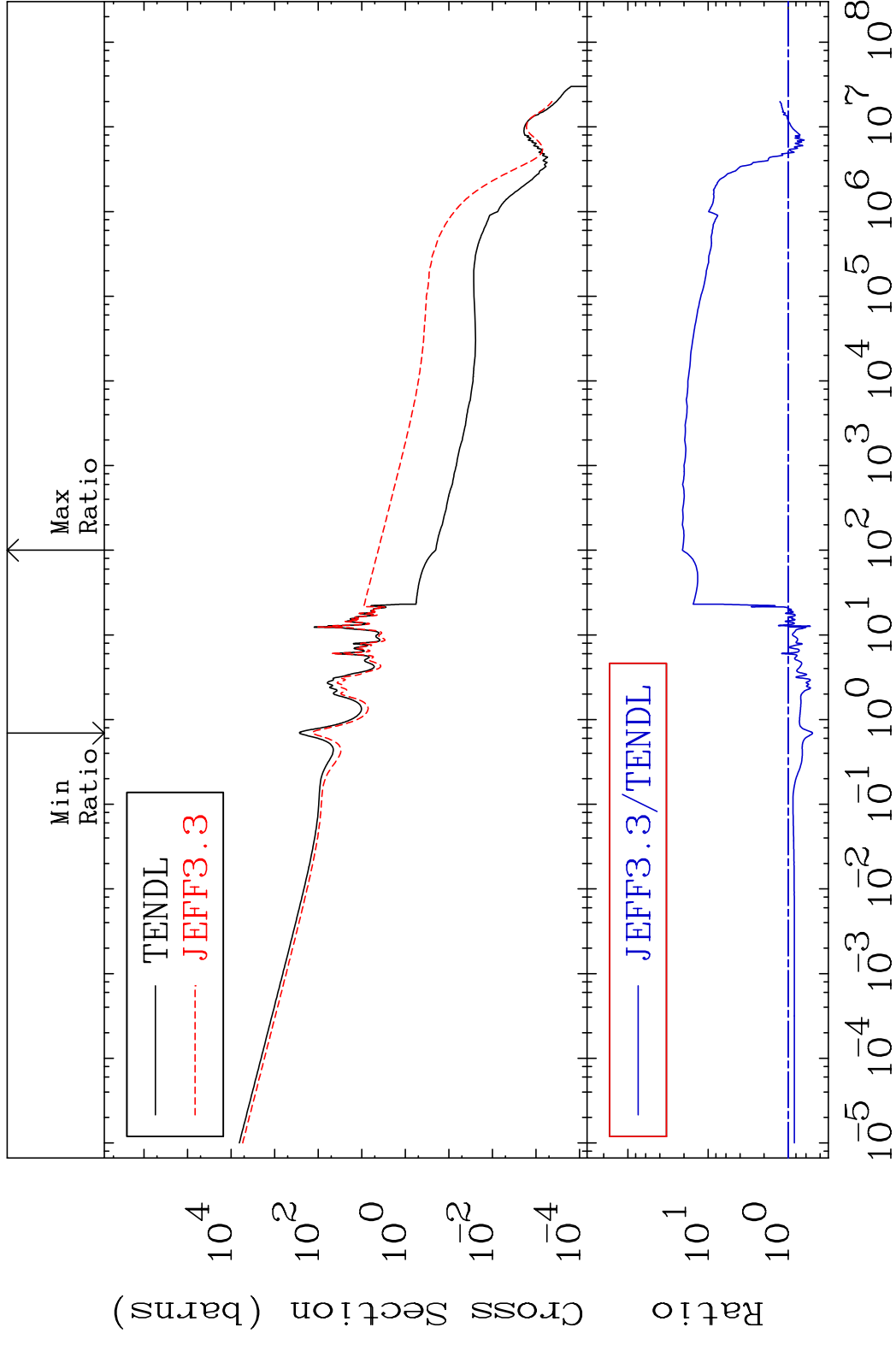
Cross Section -37.83 To 9999. %



MAT 9343

(n, γ)
Cross Section -50.23 To 1994. %

93-Np-236



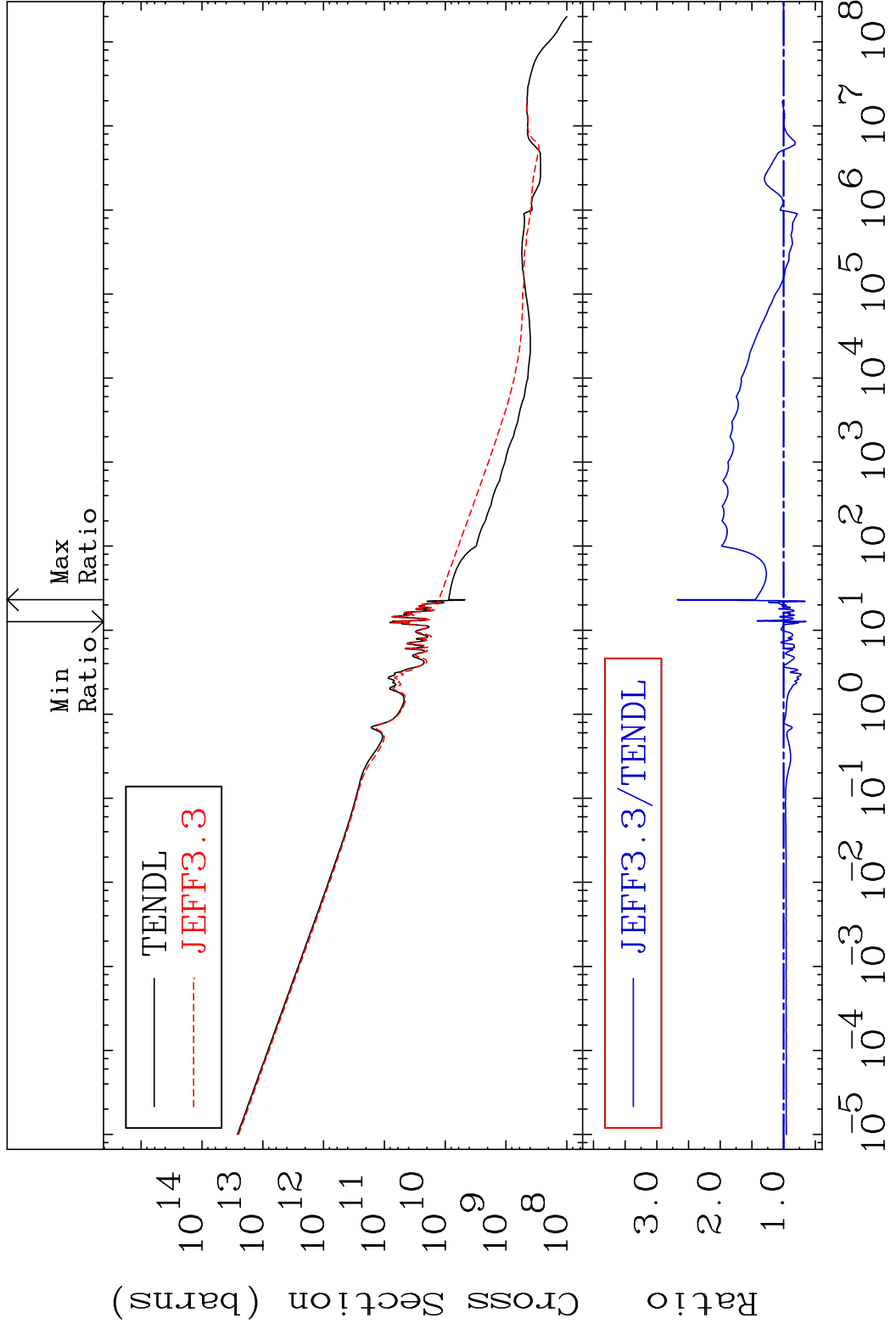
19

Incident Energy (eV)

93-Np-236

MAT 9343

Kerma total (eV-barns) 93-Np-236
Cross Section -36.04 To 168.0 %



20

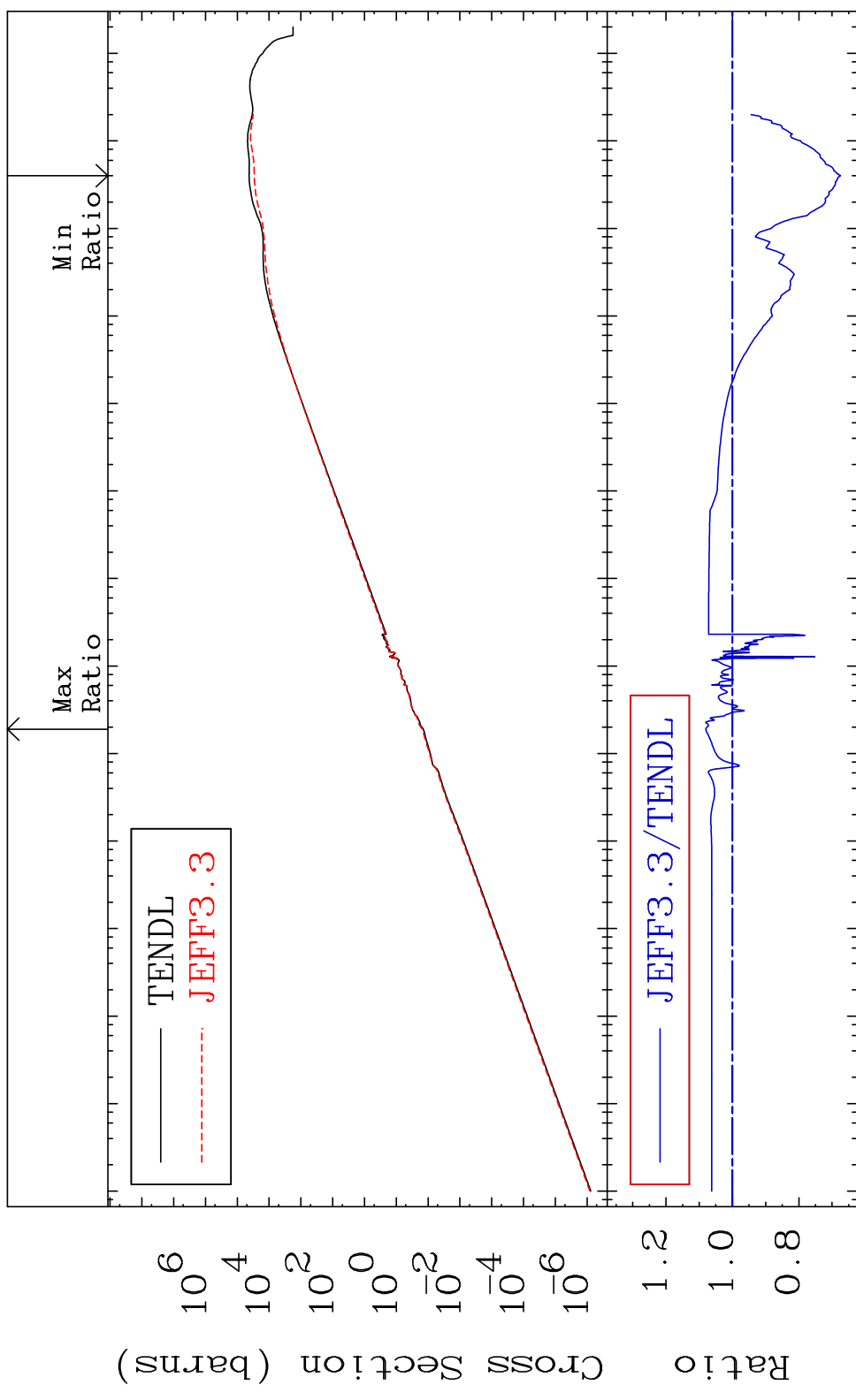
Incident Energy (eV)

93-Np-236

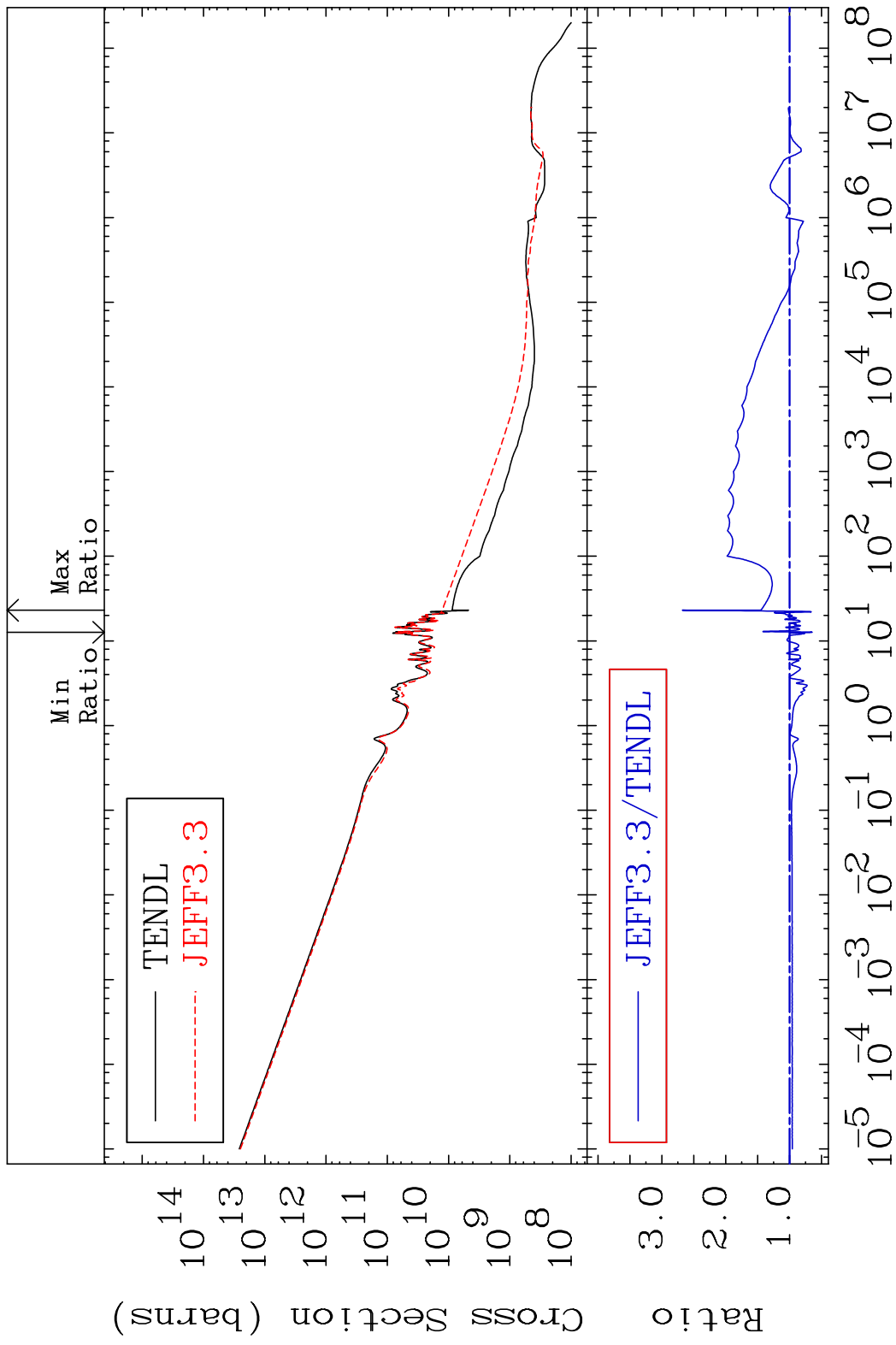
MAT 9343

Kerma elastic Cross Section -32.51 To 8.019 %

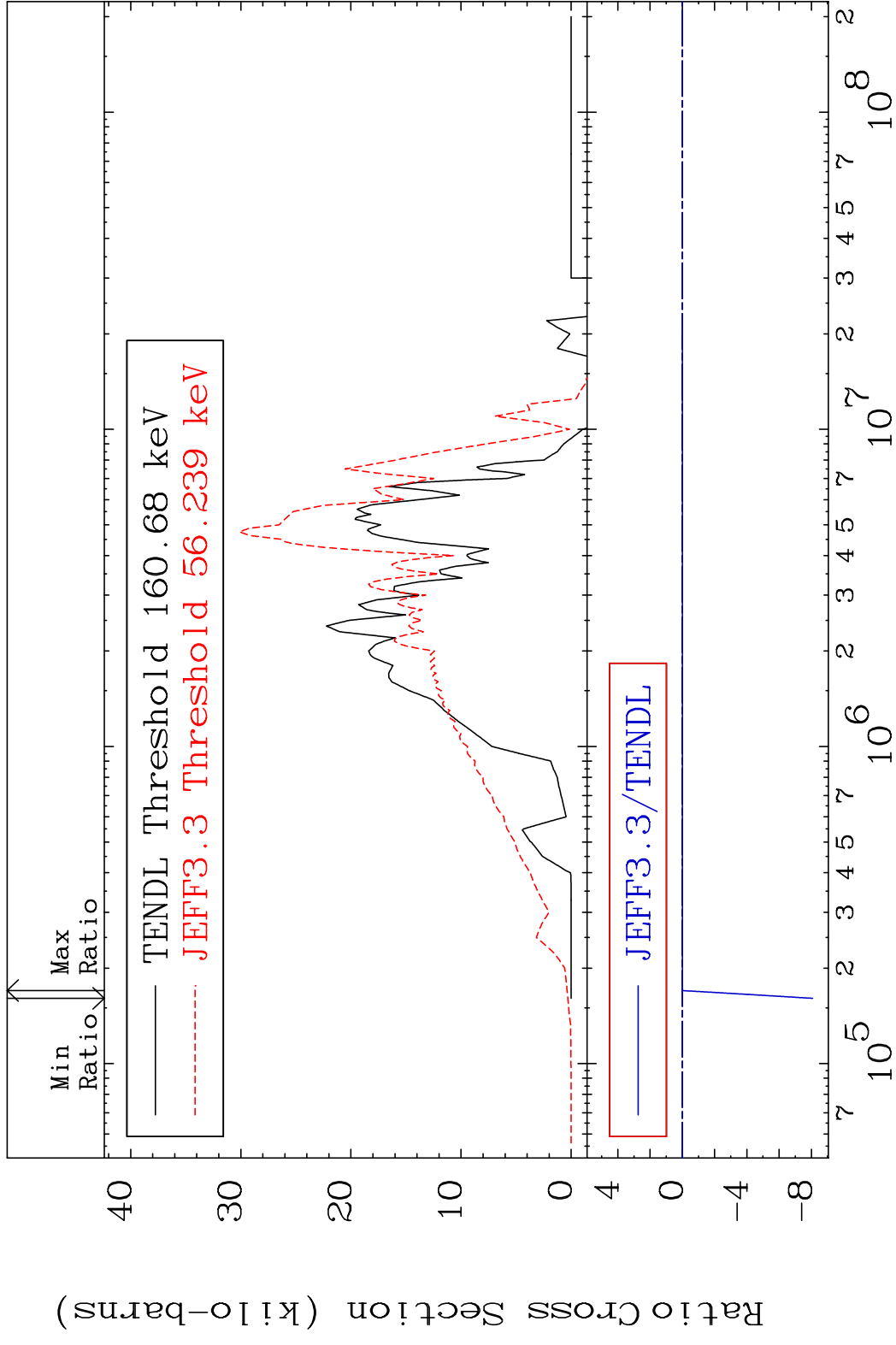
93-Np-236



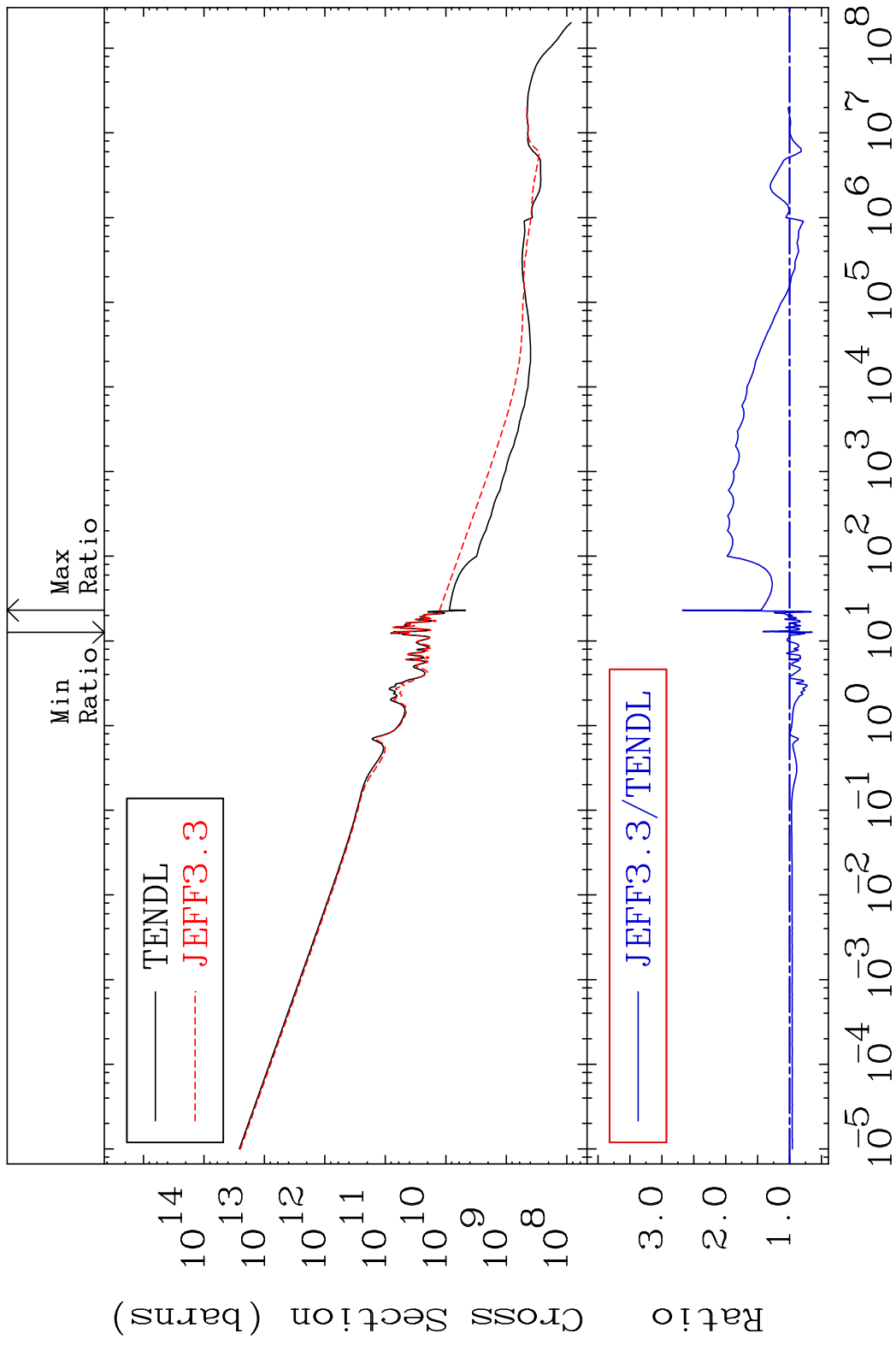
MAT 9343 Kerma non-elastic (all but mt2) 93-Np-236
 Cross Section -36.04 To 168.0 %



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

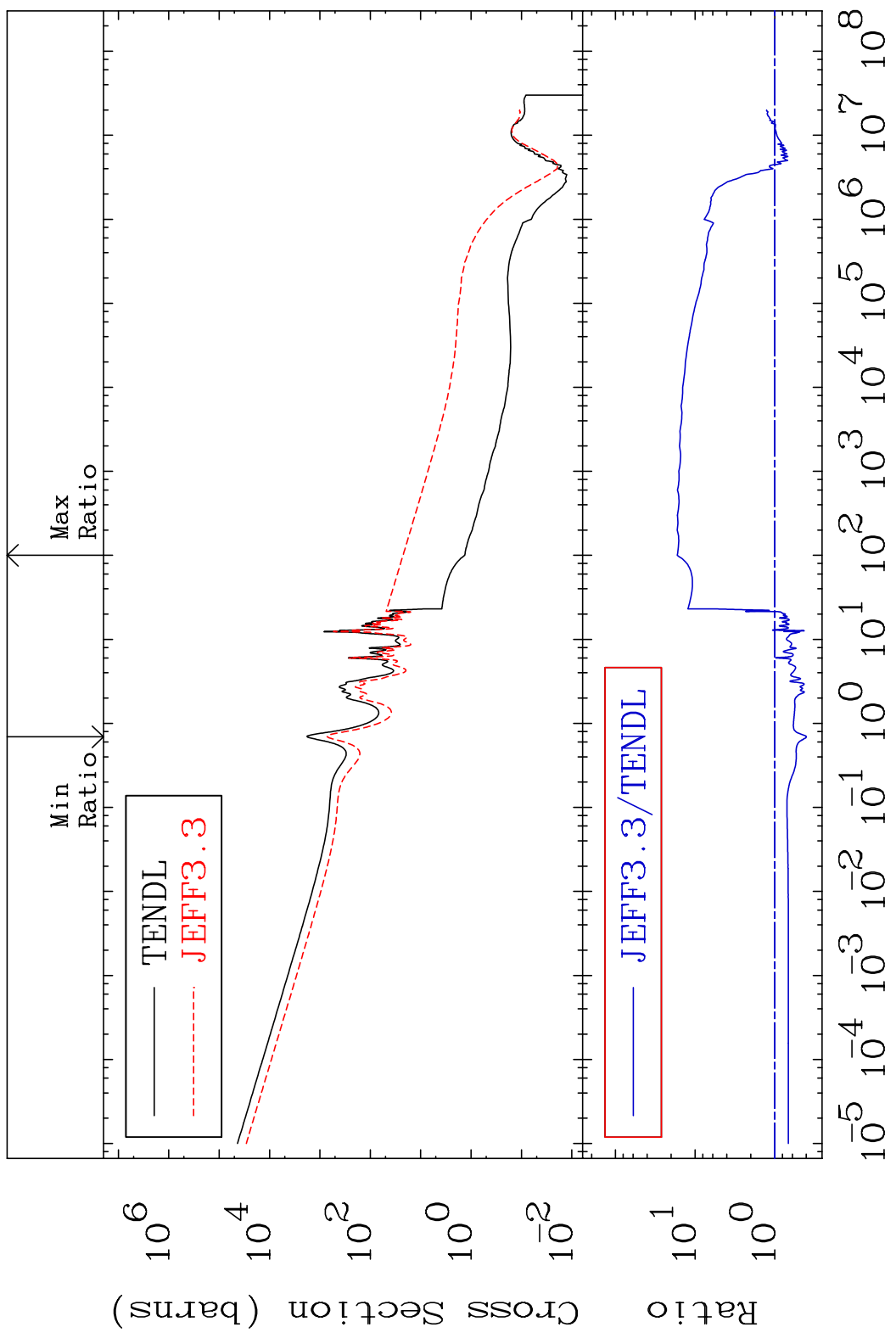


MAT 9343 Kerma fission (mt18 or mt19-20-21-38) 93-Np-236
 Cross Section -36.04 To 168.0 %



MAT 9343

Kerma capture (mt102) 93-Np-236
Cross Section -60.10 To 1579. %

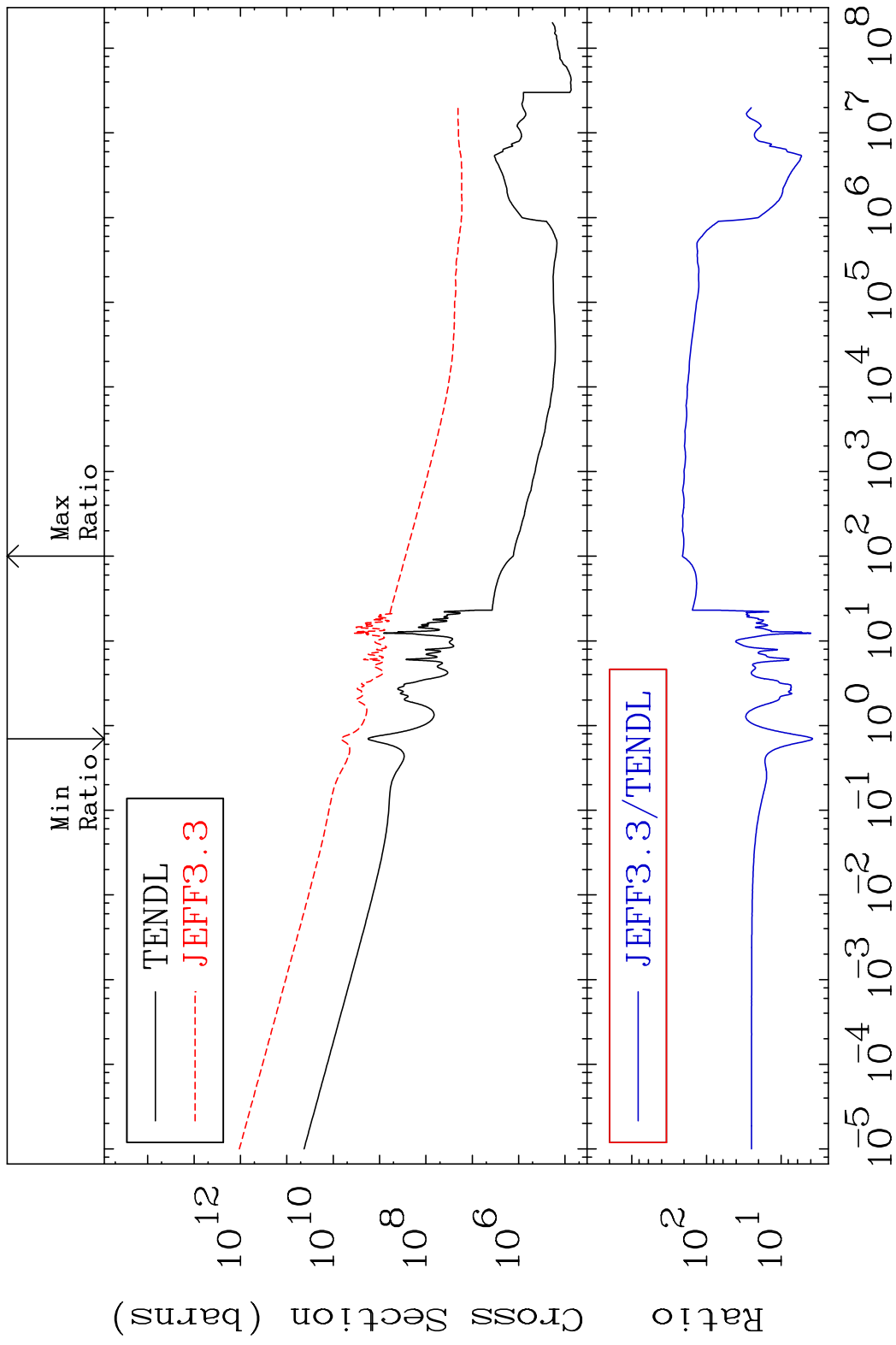


25

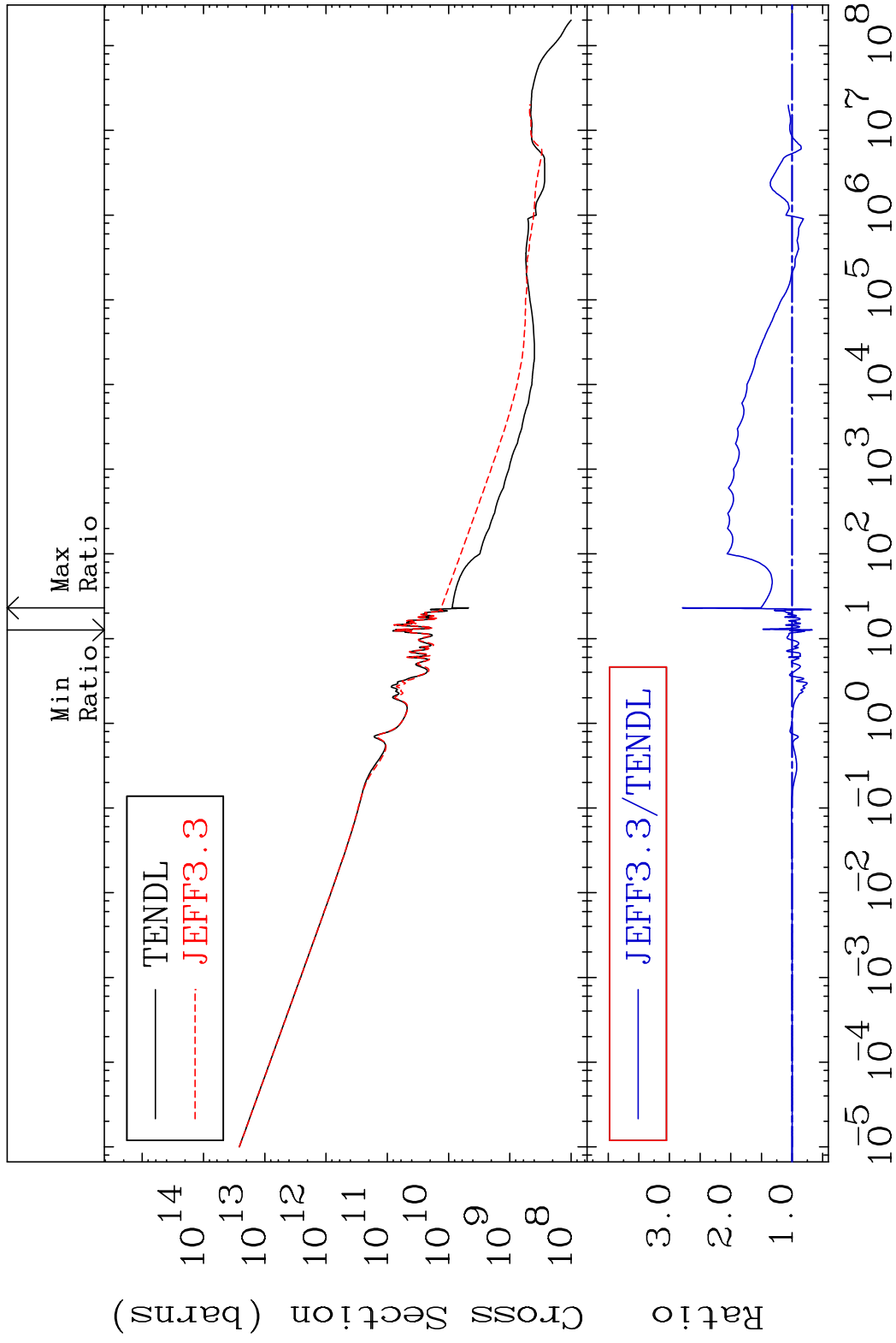
Incident Energy (eV)

93-Np-236

MAT 9343 Total photon (eV-barns) 93-Np-236
 Cross Section 278.3 To 9999. %



MAT 9343 Total kinematic kerma (high limit) 93-Np-236
 Cross Section -33.42 To 179.0 %

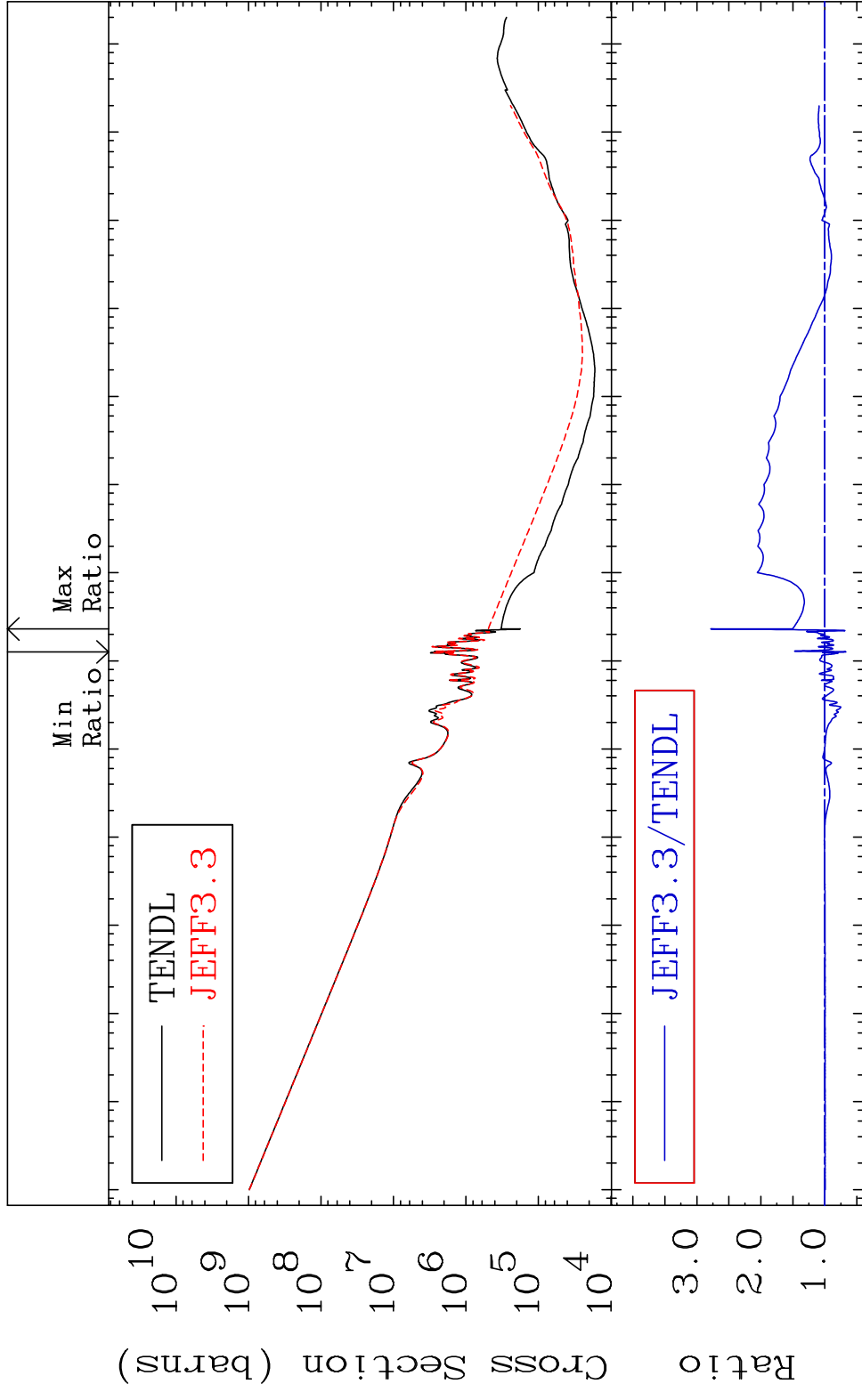


MAT 9343

Dpa total (eV-barns)

93-Np-236

Cross Section -33.56 To 178.4 %



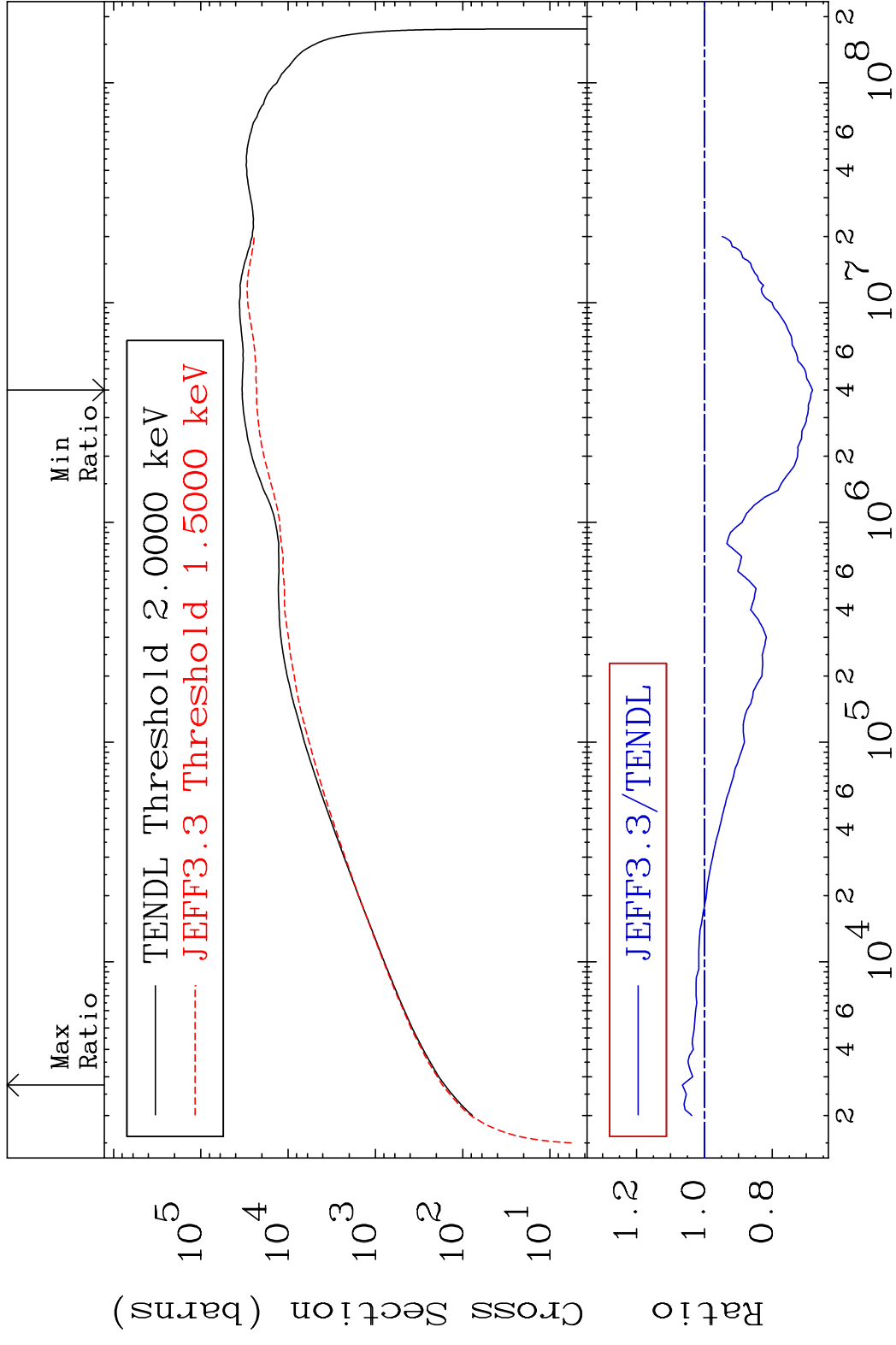
MAT 9343

Dpa elastic (mt2)

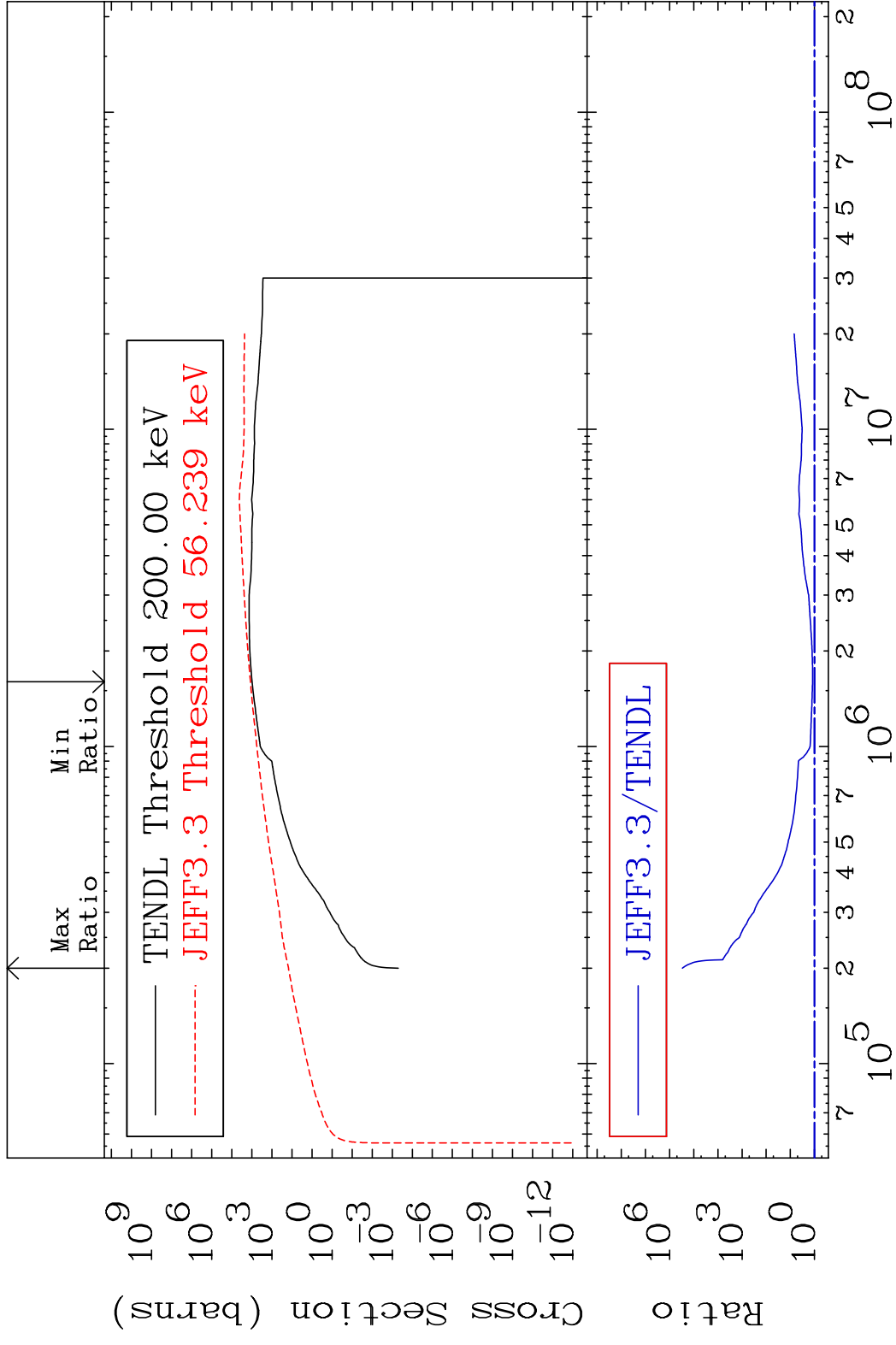
93-Np-236

Cross Section

-31.85 To 6.502 %



MAT 9343 Dpa inelastic (mt51-91) 93-Np-236
 Cross Section 19.80 To 9999. %



MAT 9343 Dpa disappearance (mt102 -120) 93-Np-236
 Cross Section -100.0 To 1094. %

