

Program Complot
(Version 2018-1)

by

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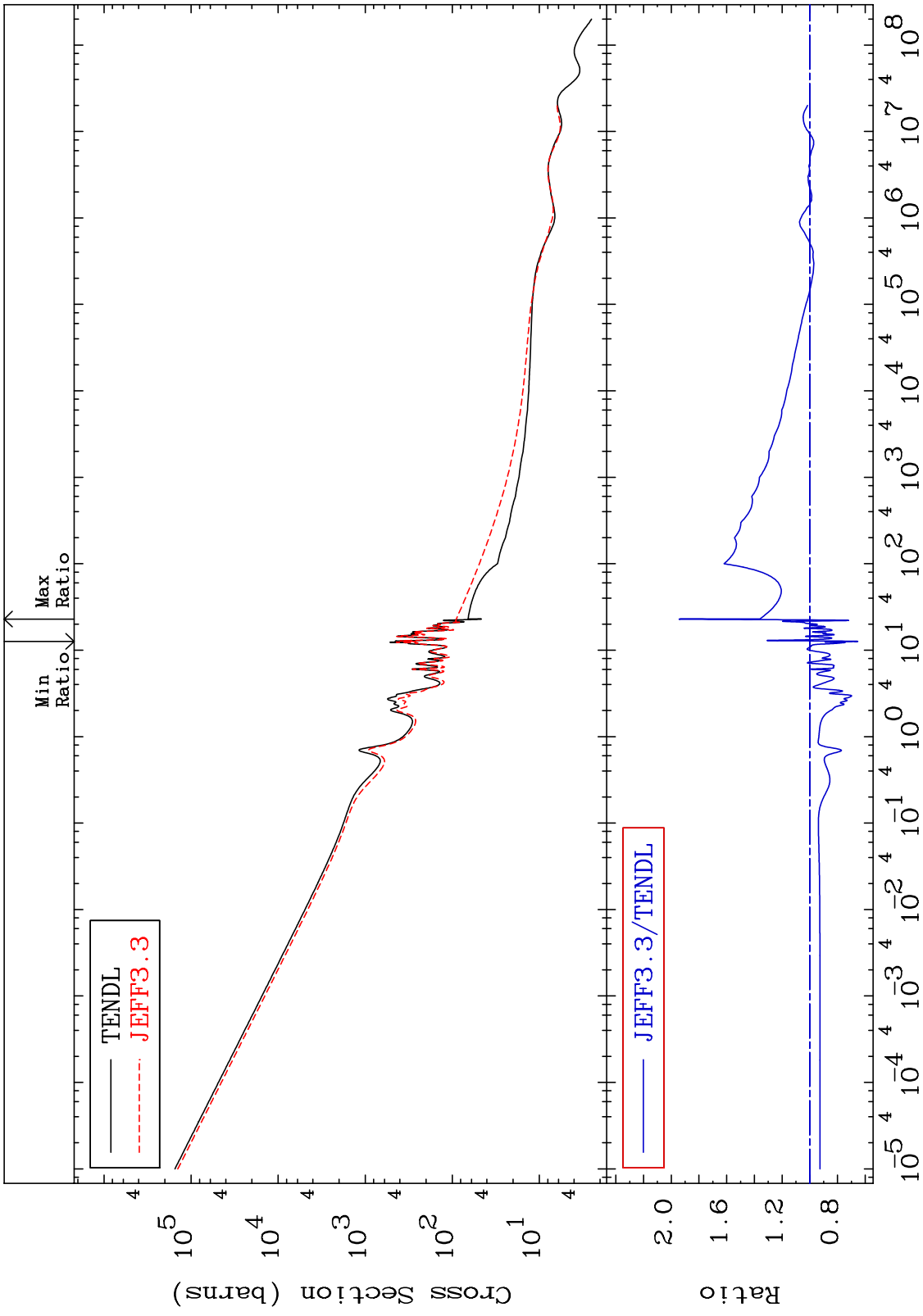
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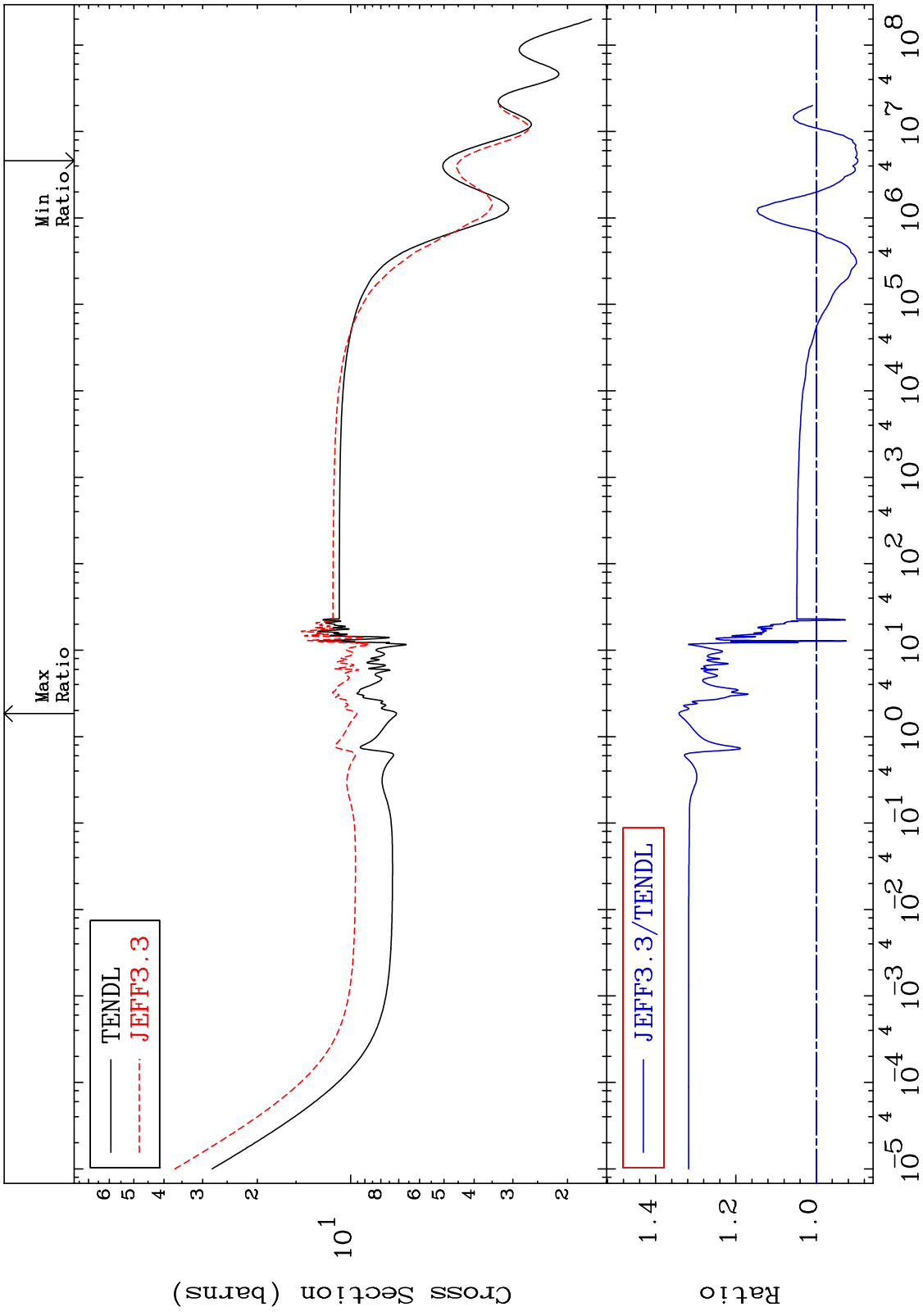
Press Mouse Button to Start

MAT 9343 93-Np-236
Total Cross Section -34.69 To 94.37 %



Incident Energy (eV) 93-Np-236

MAT 9343 Elastic Cross Section $^{93}\text{Np-236}$ -10.36 To 34.16 %

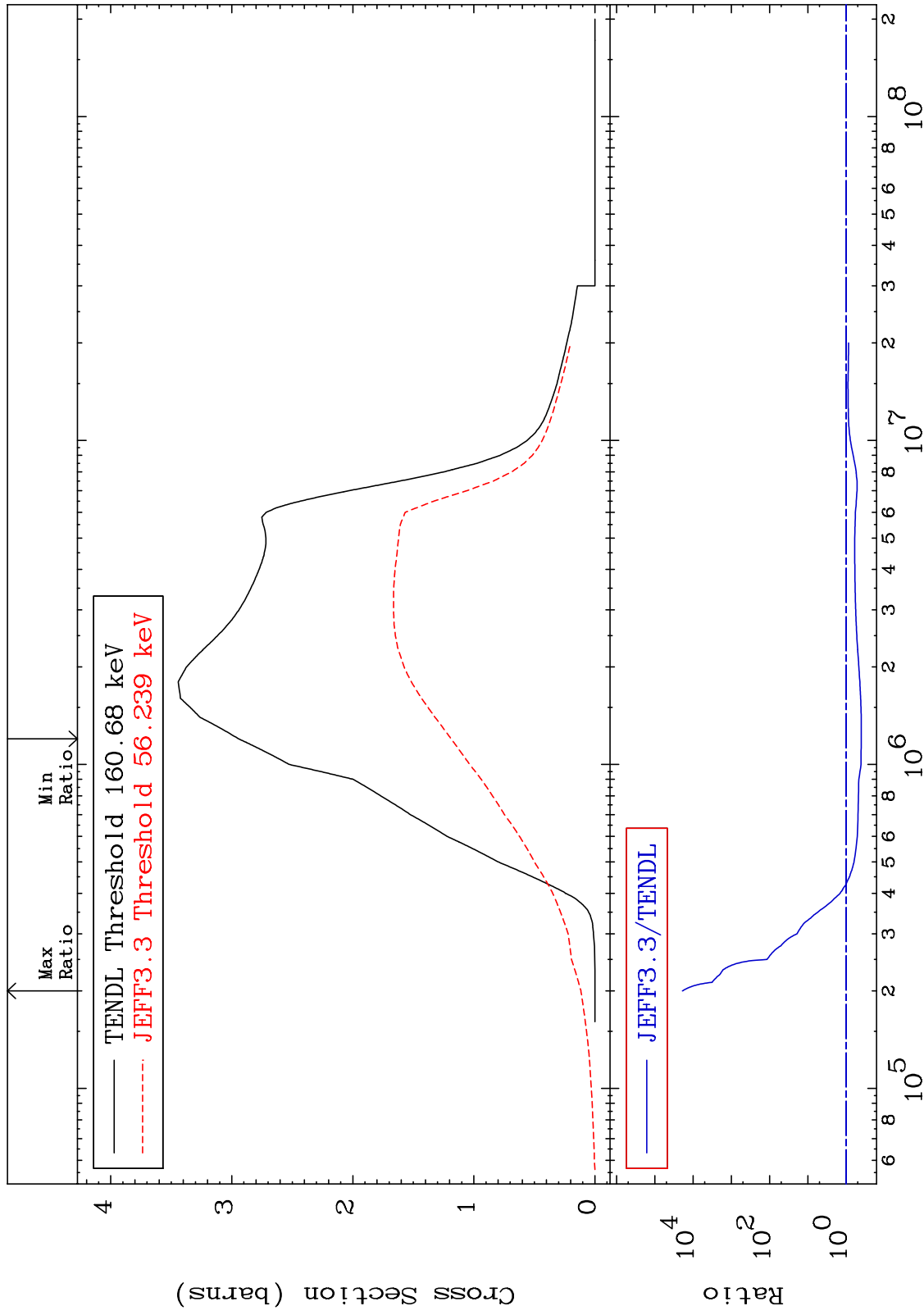


2 $^{93}\text{Np-236}$

MAT 9343

Inelastic
Cross Section

93-Np-236
-59.64 To 9999. %

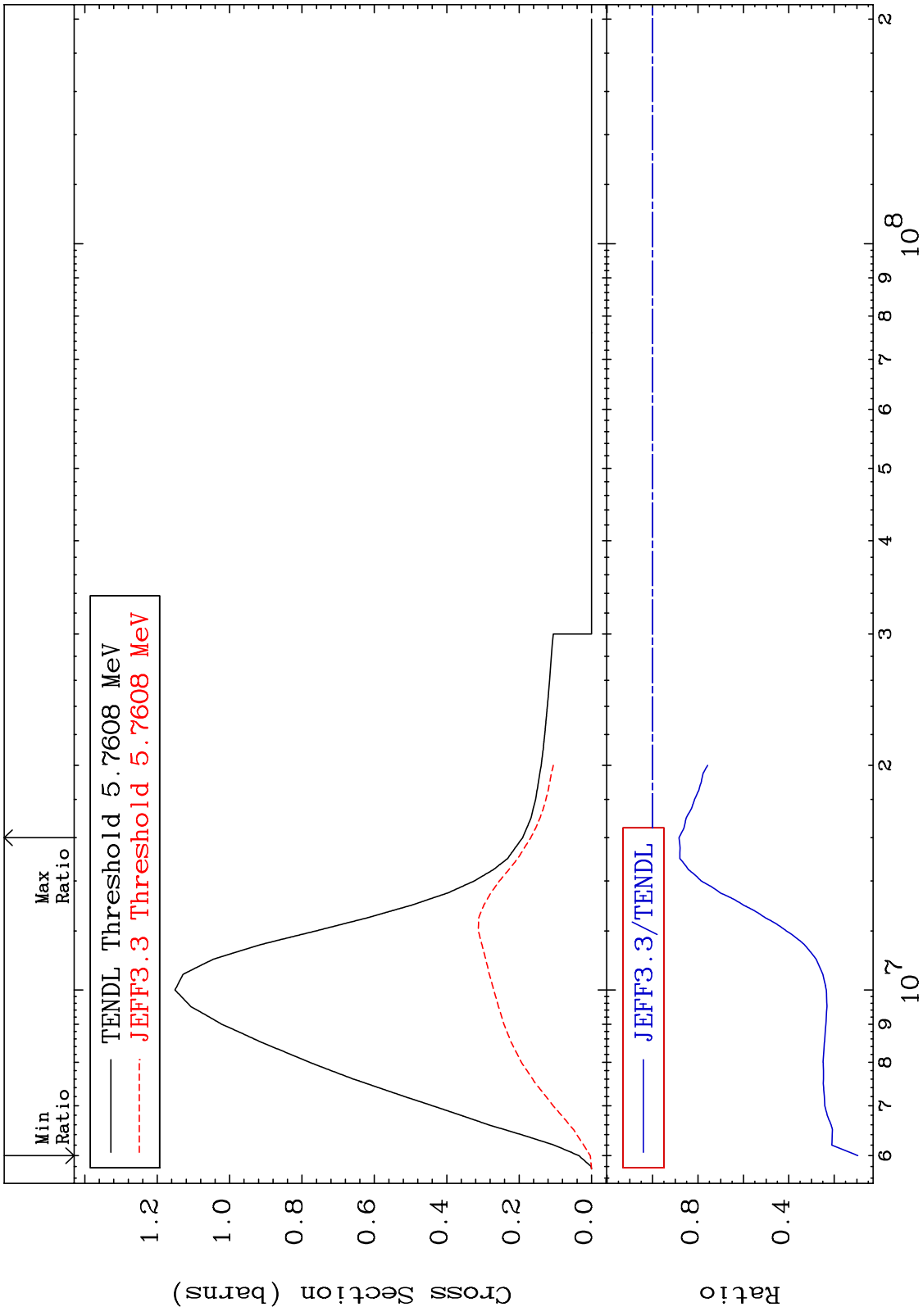


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Incident Energy (eV)

93-Np-236

MAT 9343 (n,2n) 93-Np-236
Cross Section -90.39 To -11.67%



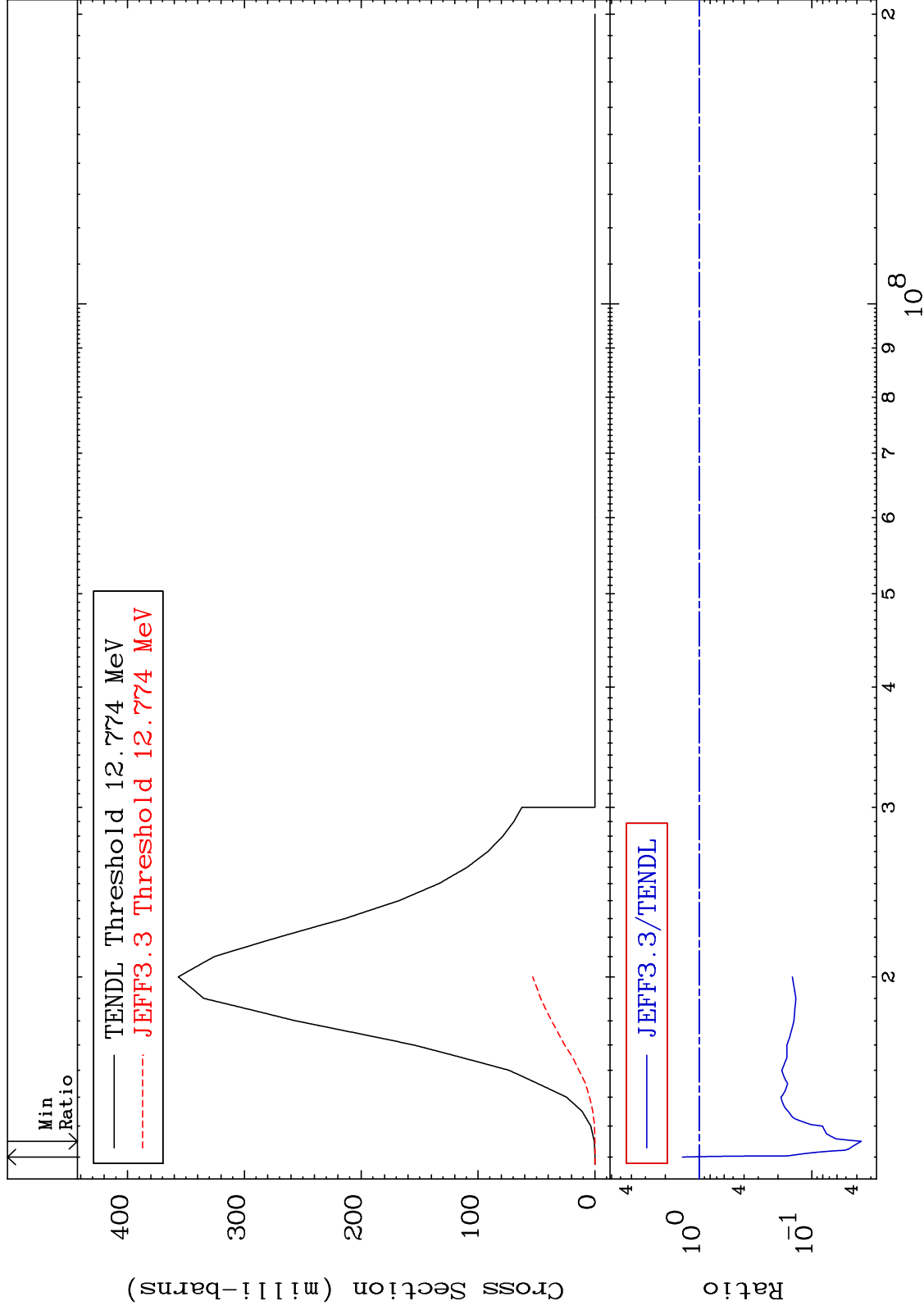
MAT 9343

(n,3n)

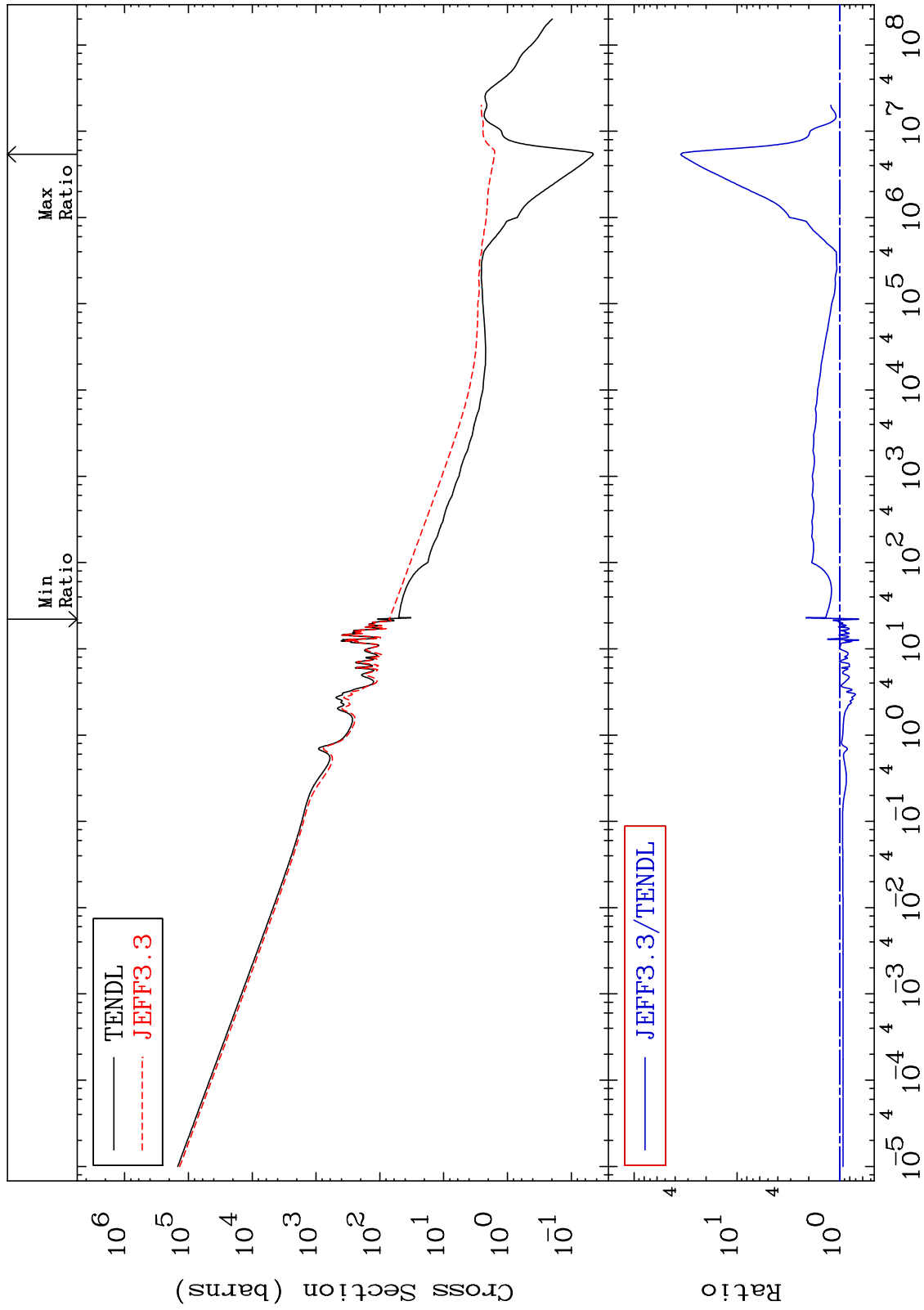
⁹³Np-236

Cross Section

-96.35 To 40.86 %



MAT 9343 Fission Cross Section 93-Np-236 -35.00 To 3433. %



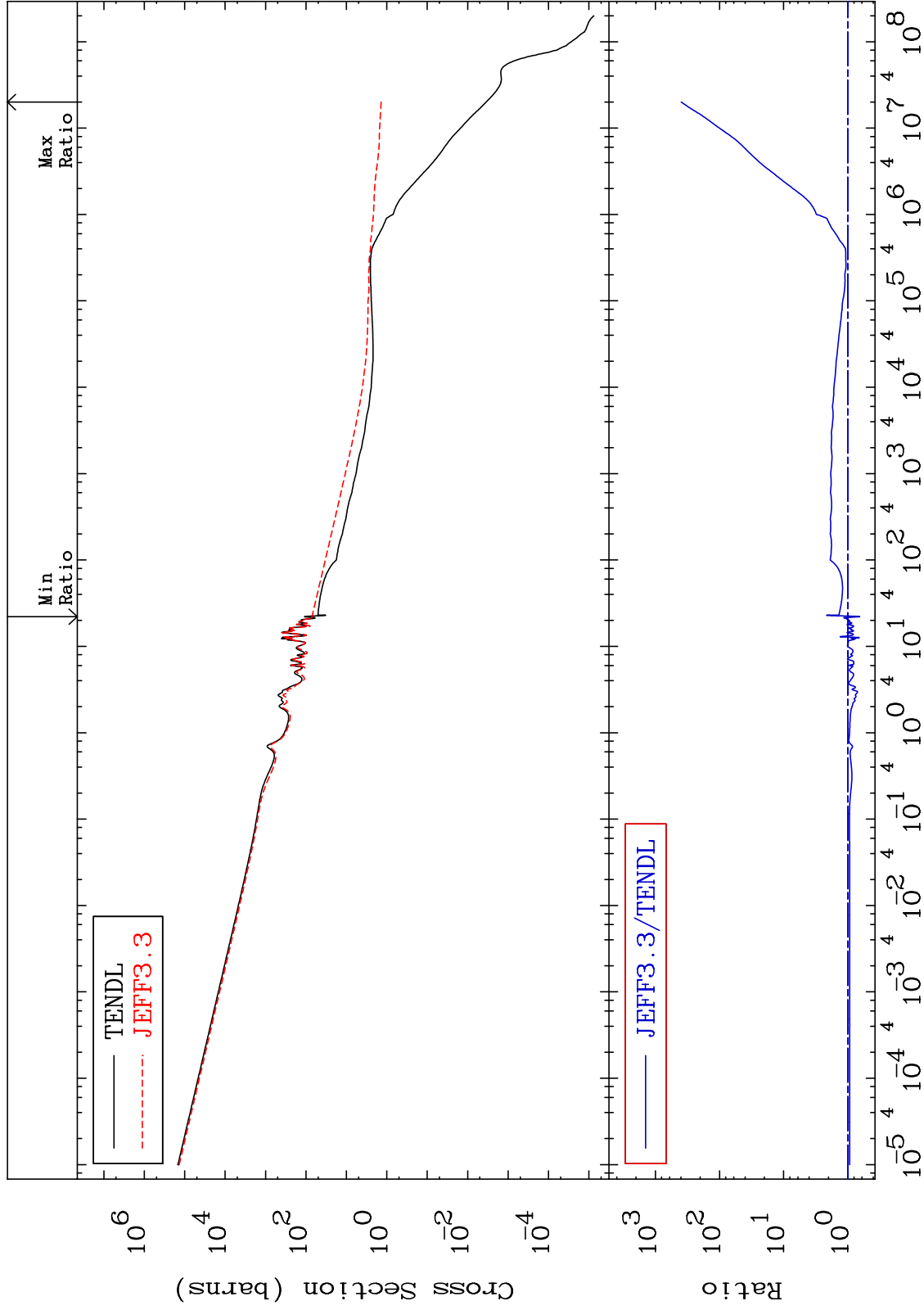
93-Np-236

Incident Energy (eV)

MAT 9343

(n,f) First Chance
Cross Section

93-Np-236
-35.00 To 9999. %



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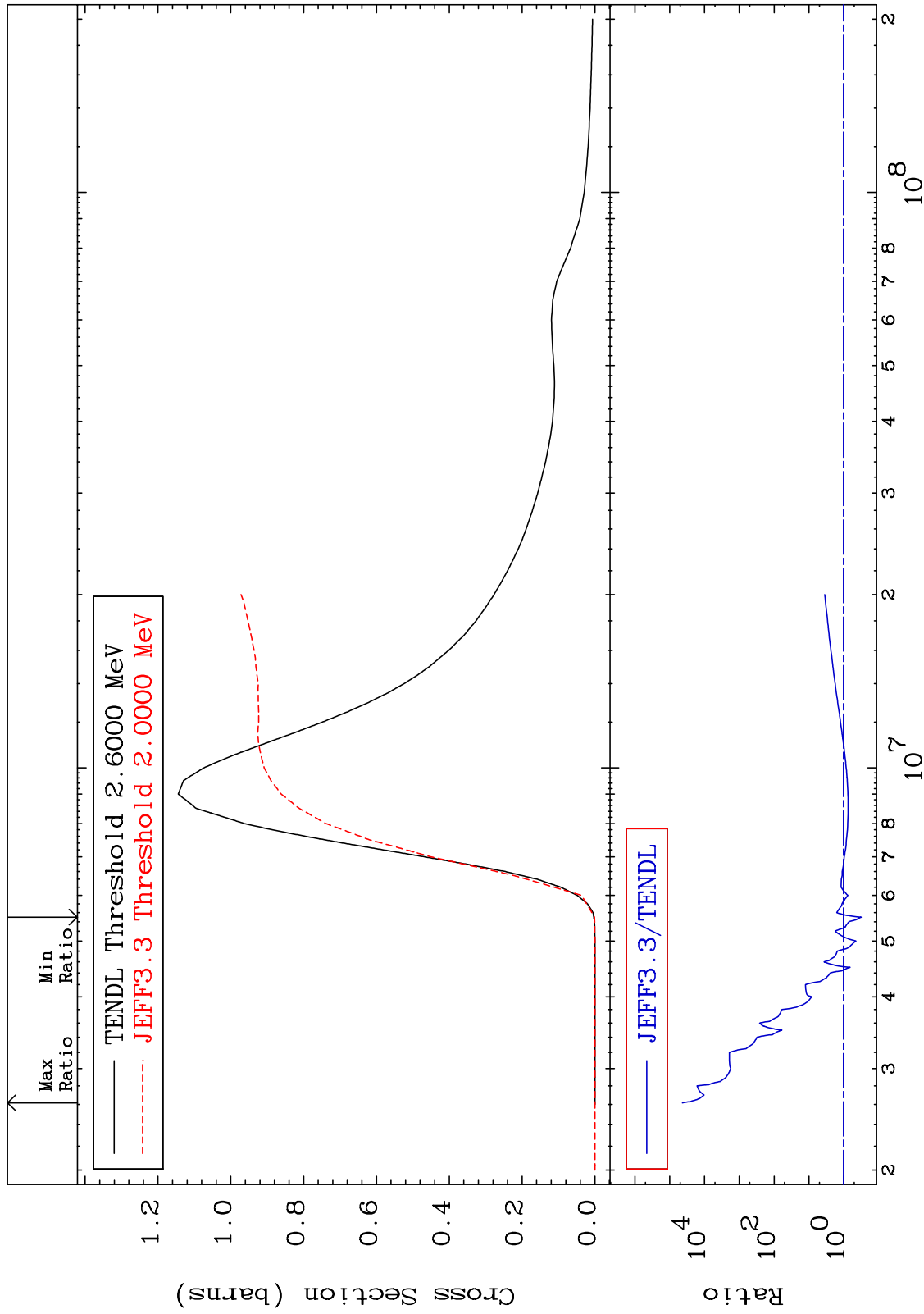
Incident Energy (eV)

93-Np-236

MAT 9343

(n,nf) Second Chance
Cross Section

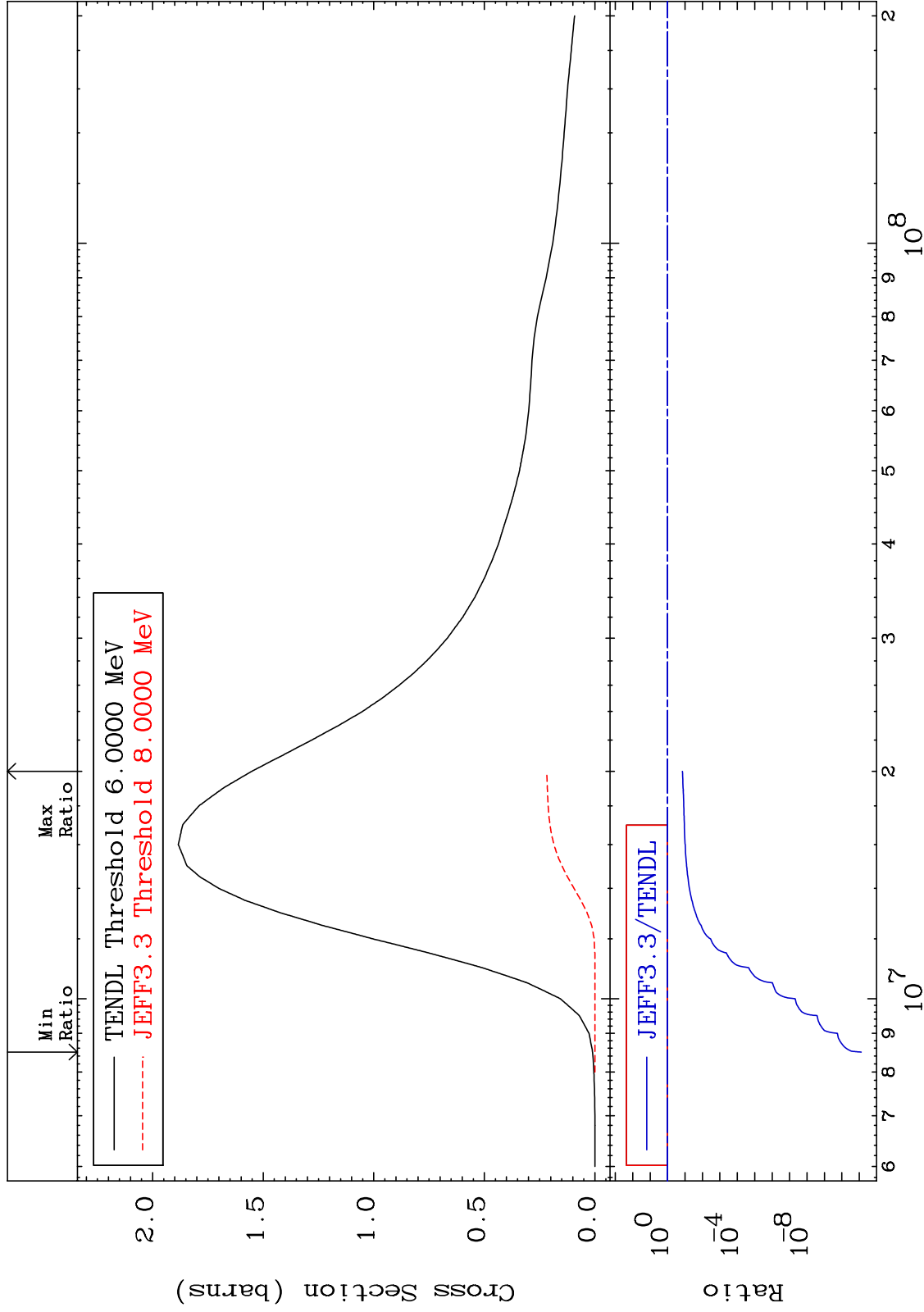
93-Np-236
-68.75 To 9999. %



MAT 9343

(n,2nf) Third Chance
Cross Section

93-Np-236
-100.0 To -86.00%



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Incident Energy (eV)

93-Np-236

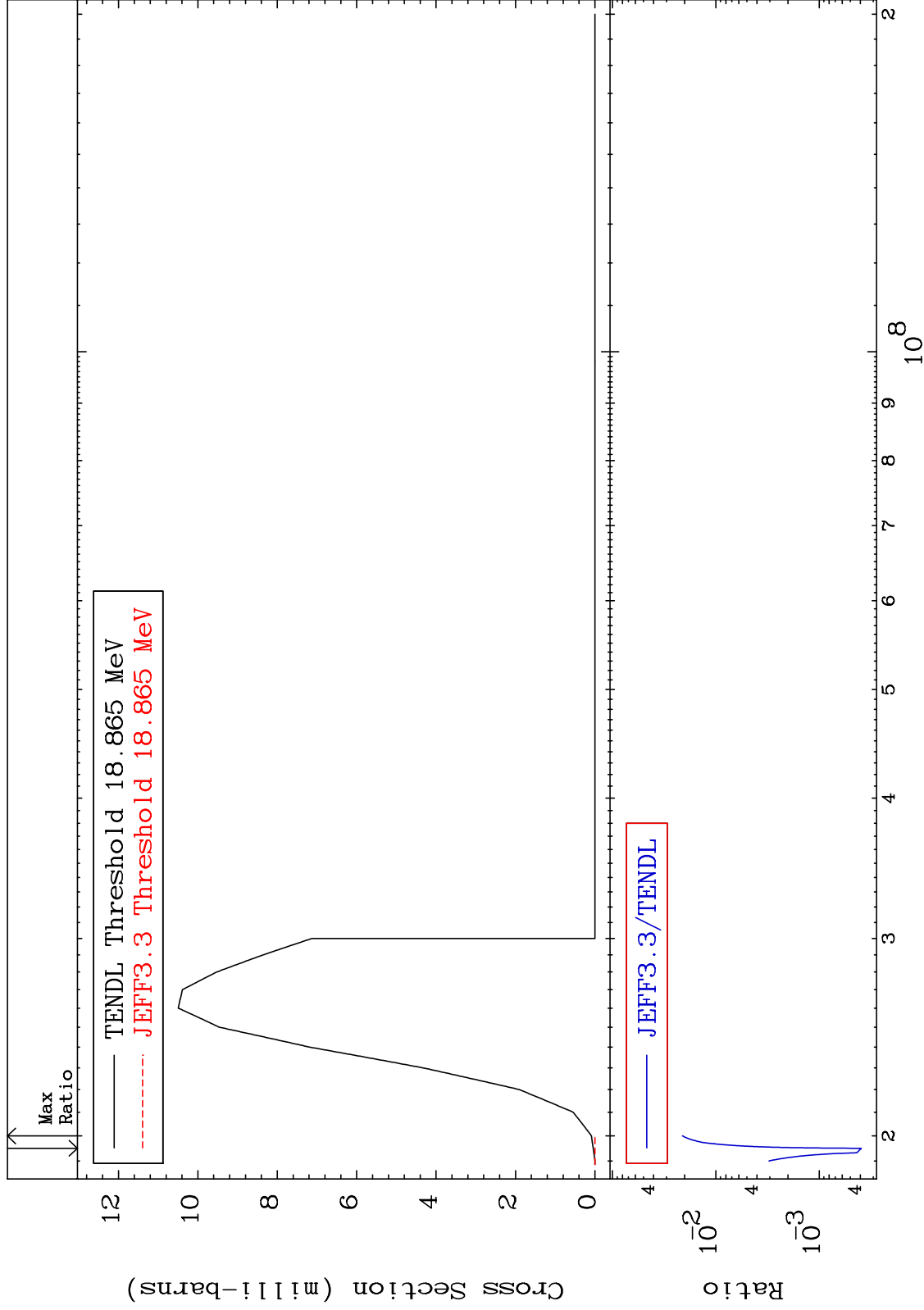
MAT 9343

(n,4n)

⁹³Np-236

Cross Section

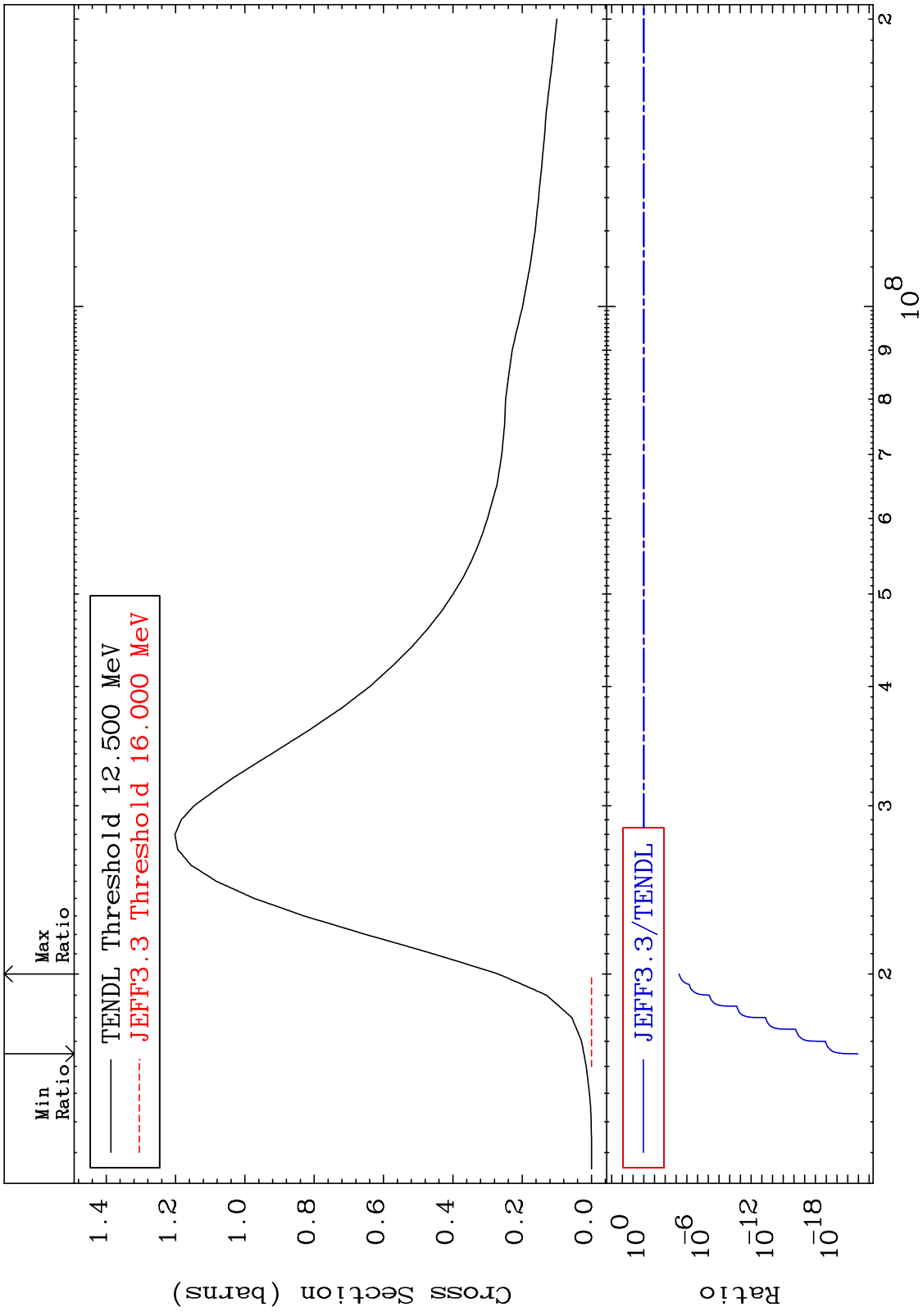
-99.96 To -97.90%



10

Incident Energy (eV)

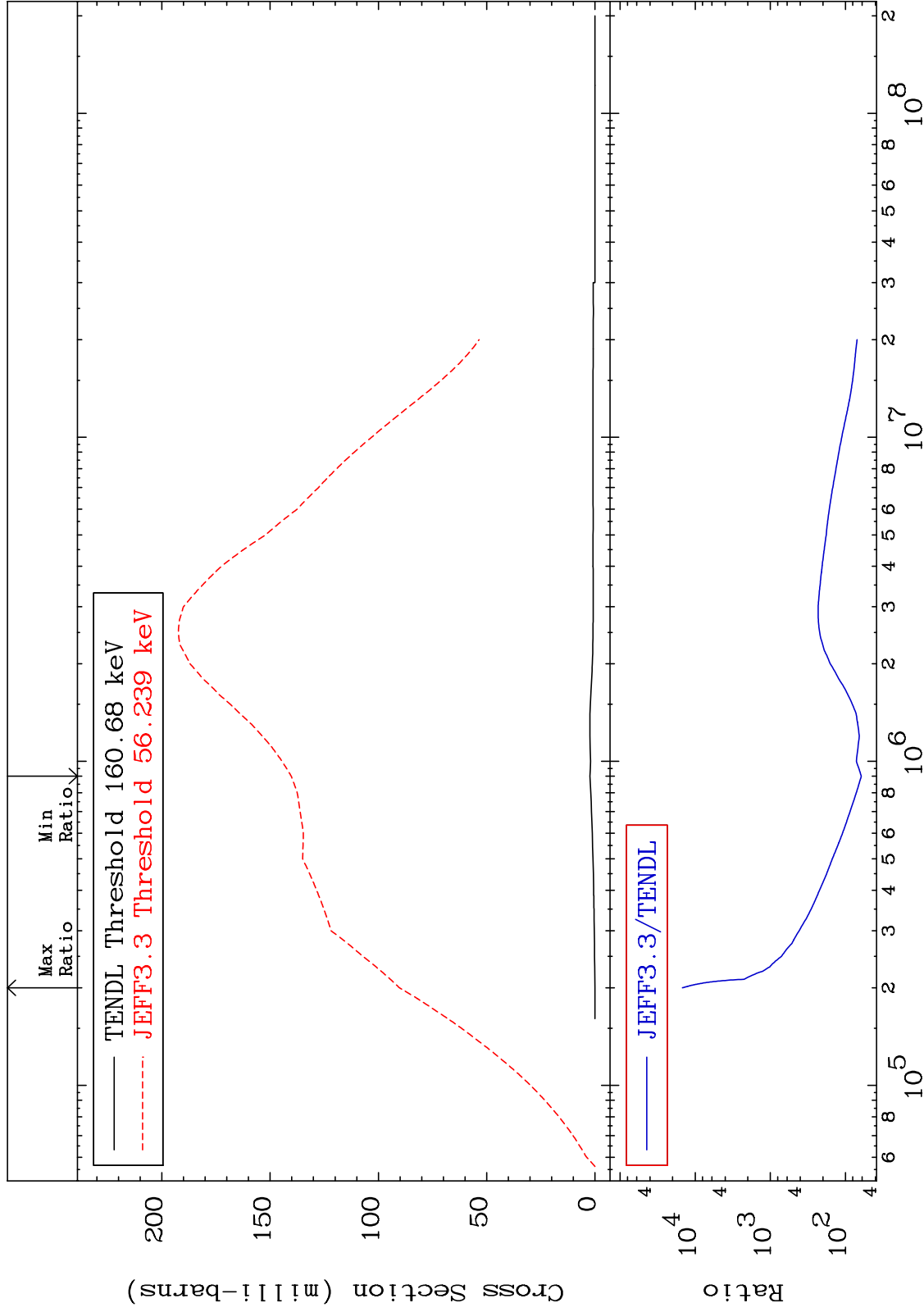
⁹³Np-236



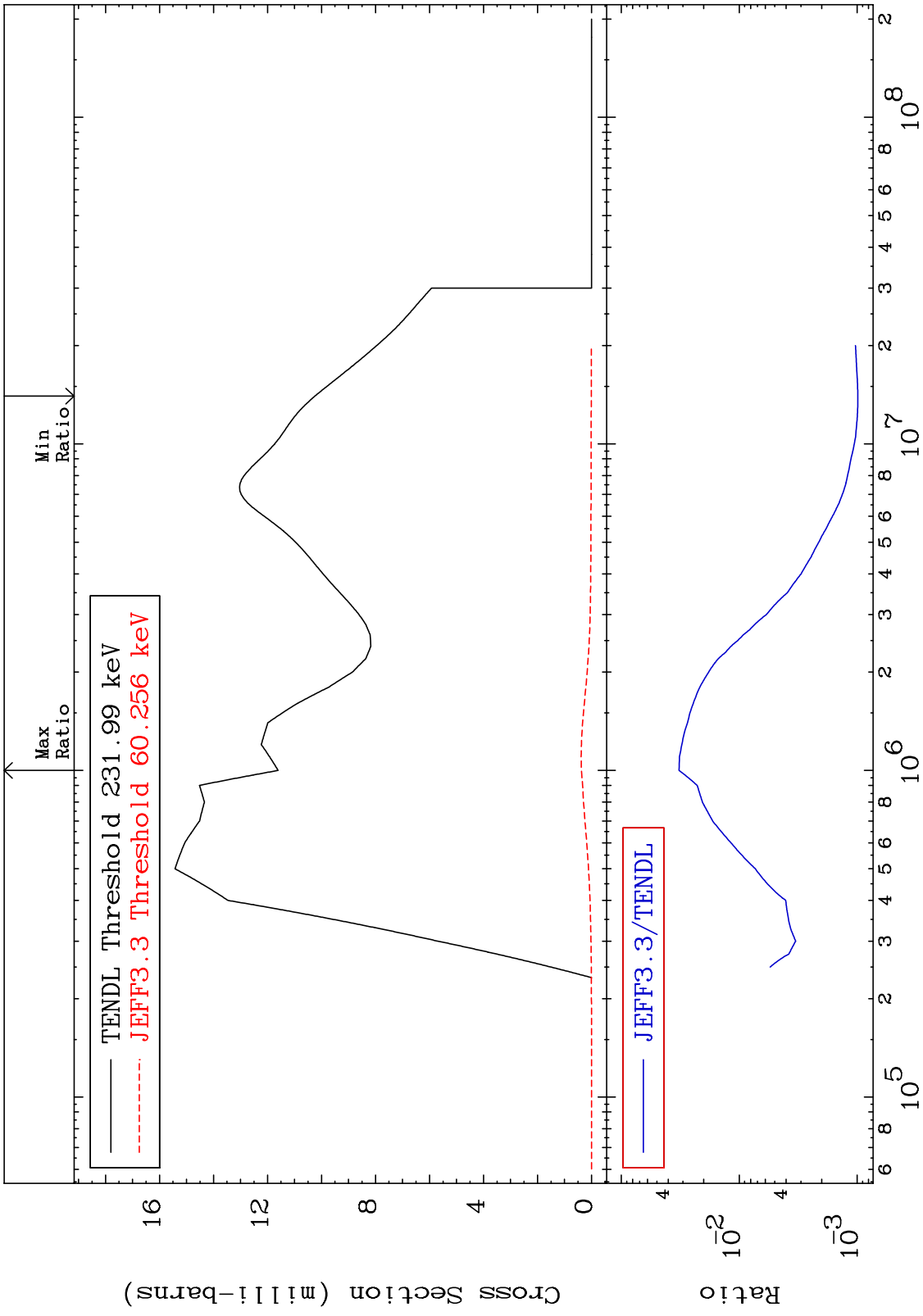
MAT 9343

MT= 51 (n,n') Level
Cross Section

93-Np-236
6062. To 9999. %



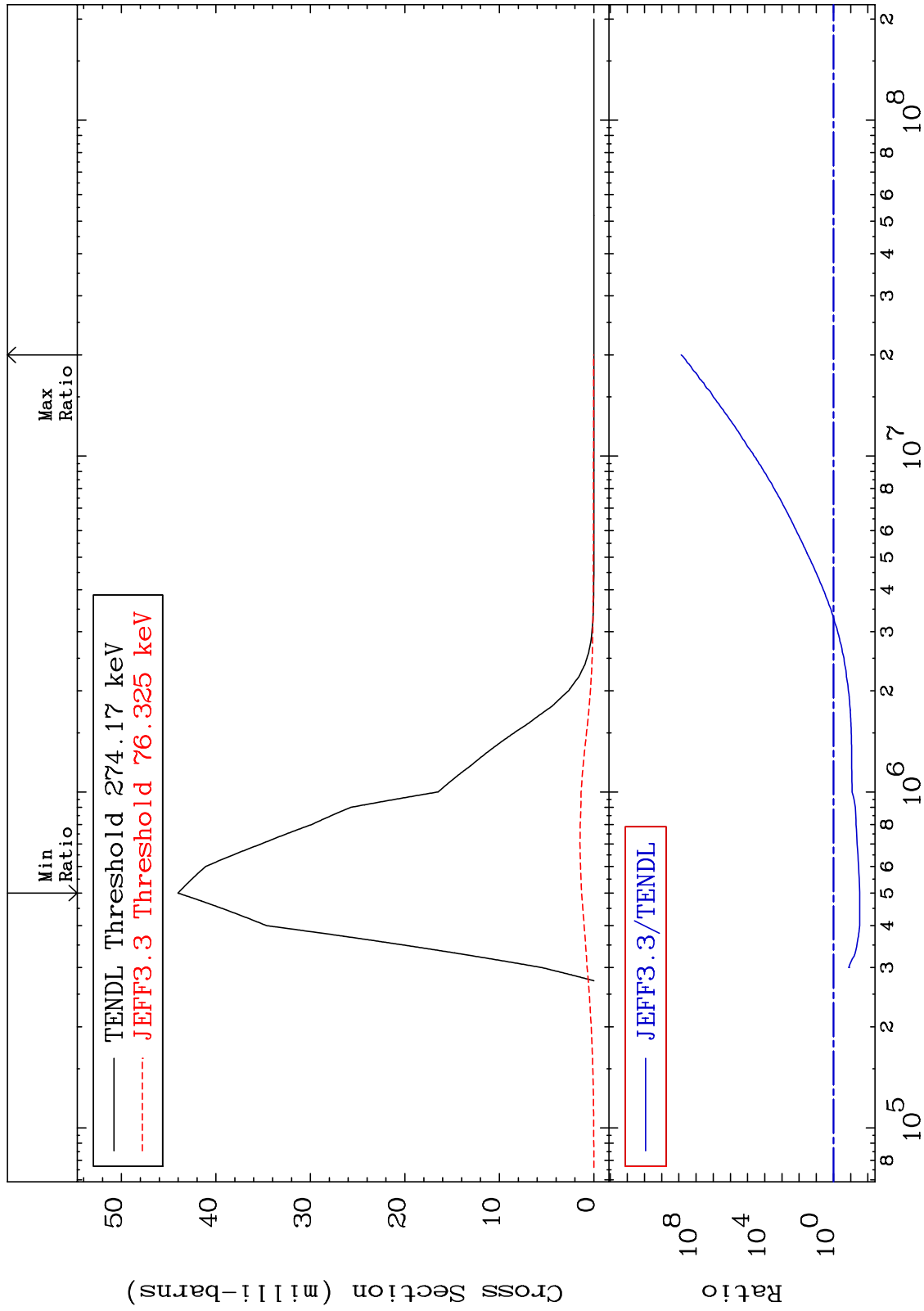
MAT 9343 MT= 52 (n,n') Level Cross Section 93-Np-236
 -99.90 To -96.76%



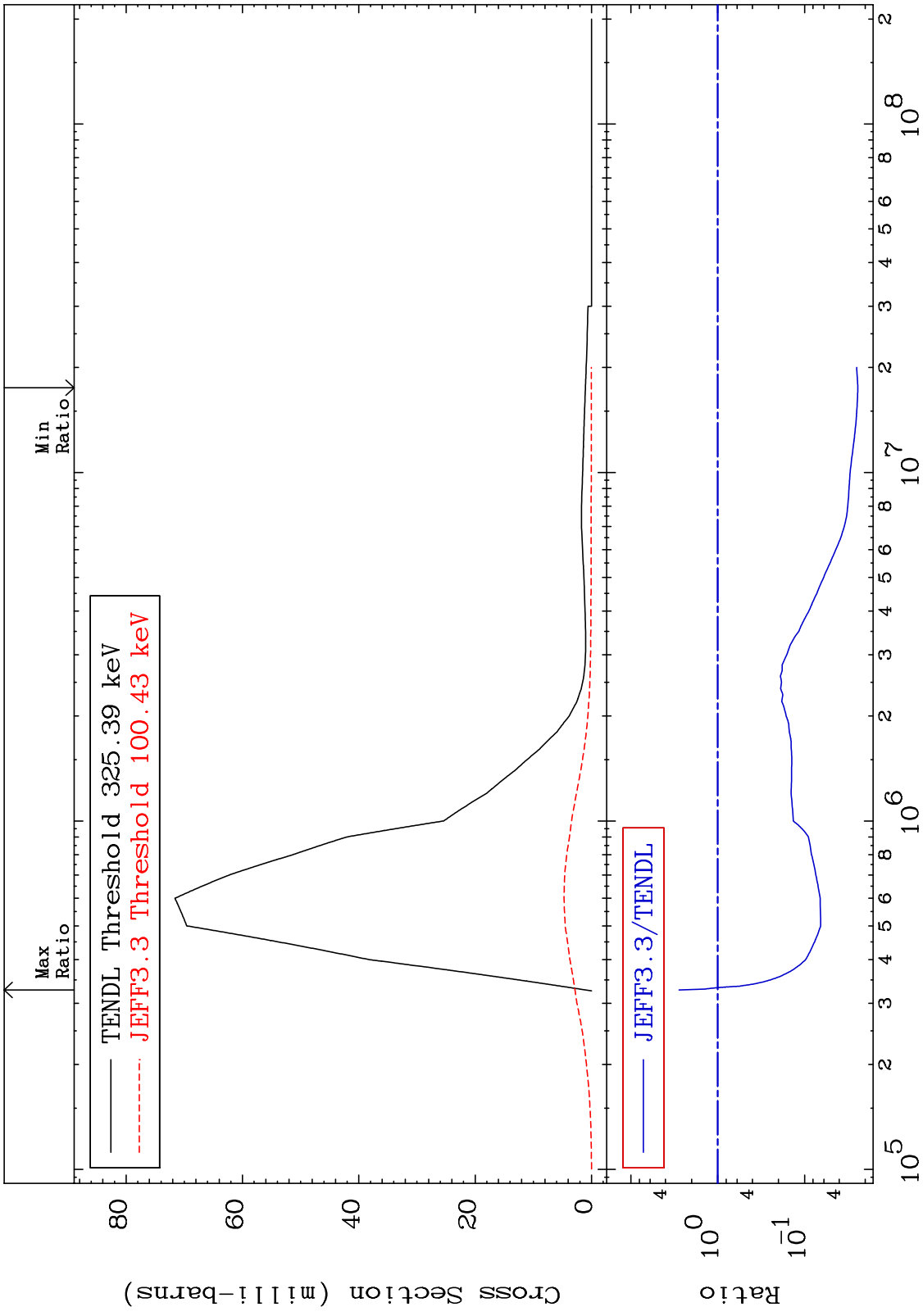
MAT 9343

MT= 53 (n,n') Level
Cross Section

93-Np-236
-97.05 To 9999. %



MAT 9343 MT= 54 (n,n') Level Cross Section 93-Np-236
 -97.56 To 179.3 %

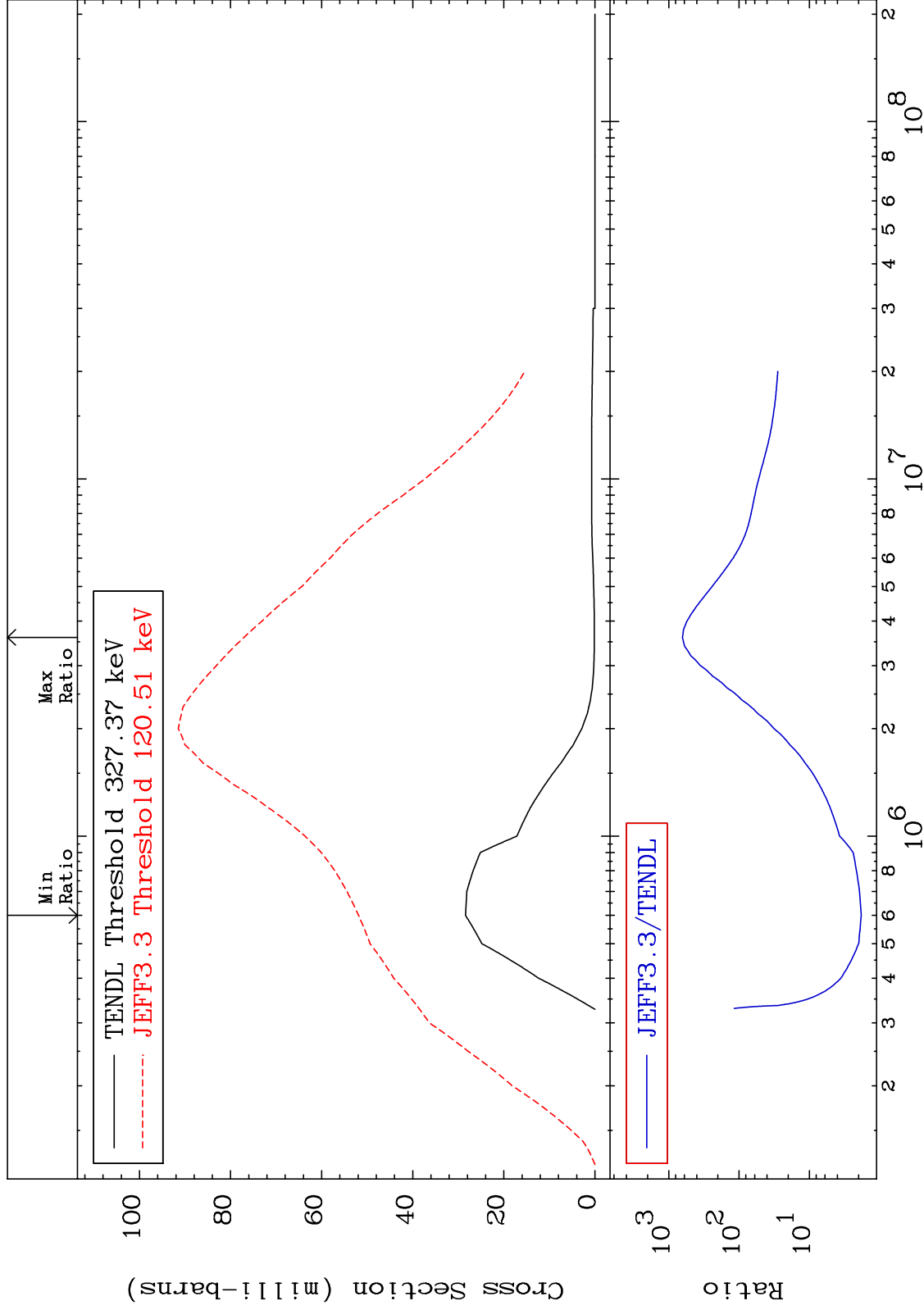


15 Incident Energy (eV) 93-Np-236

MAT 9343

MT= 55 (n,n') Level
Cross Section

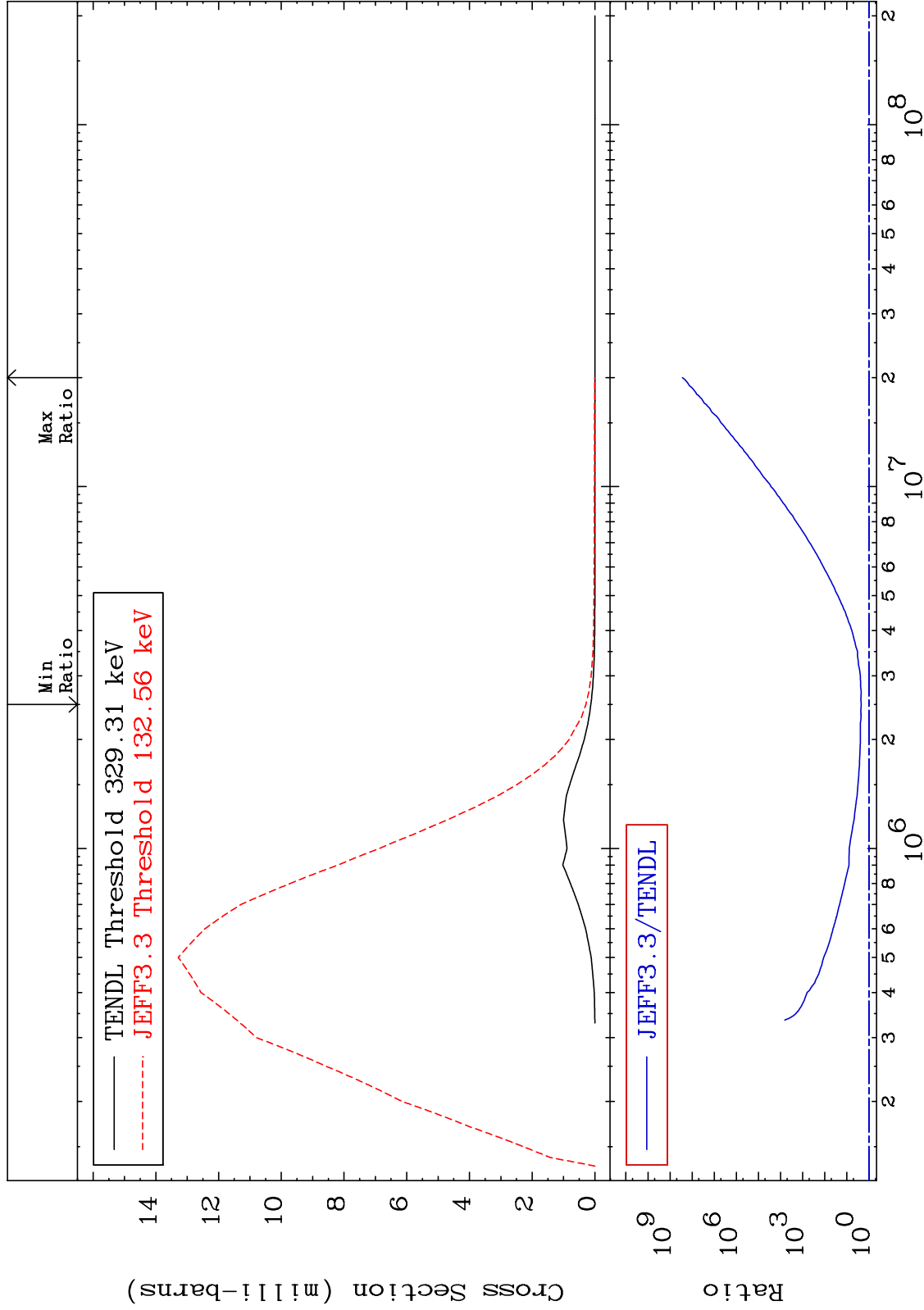
82.60 To 9999. %
93-Np-236



MAT 9343

MT= 56 (n,n') Level
Cross Section

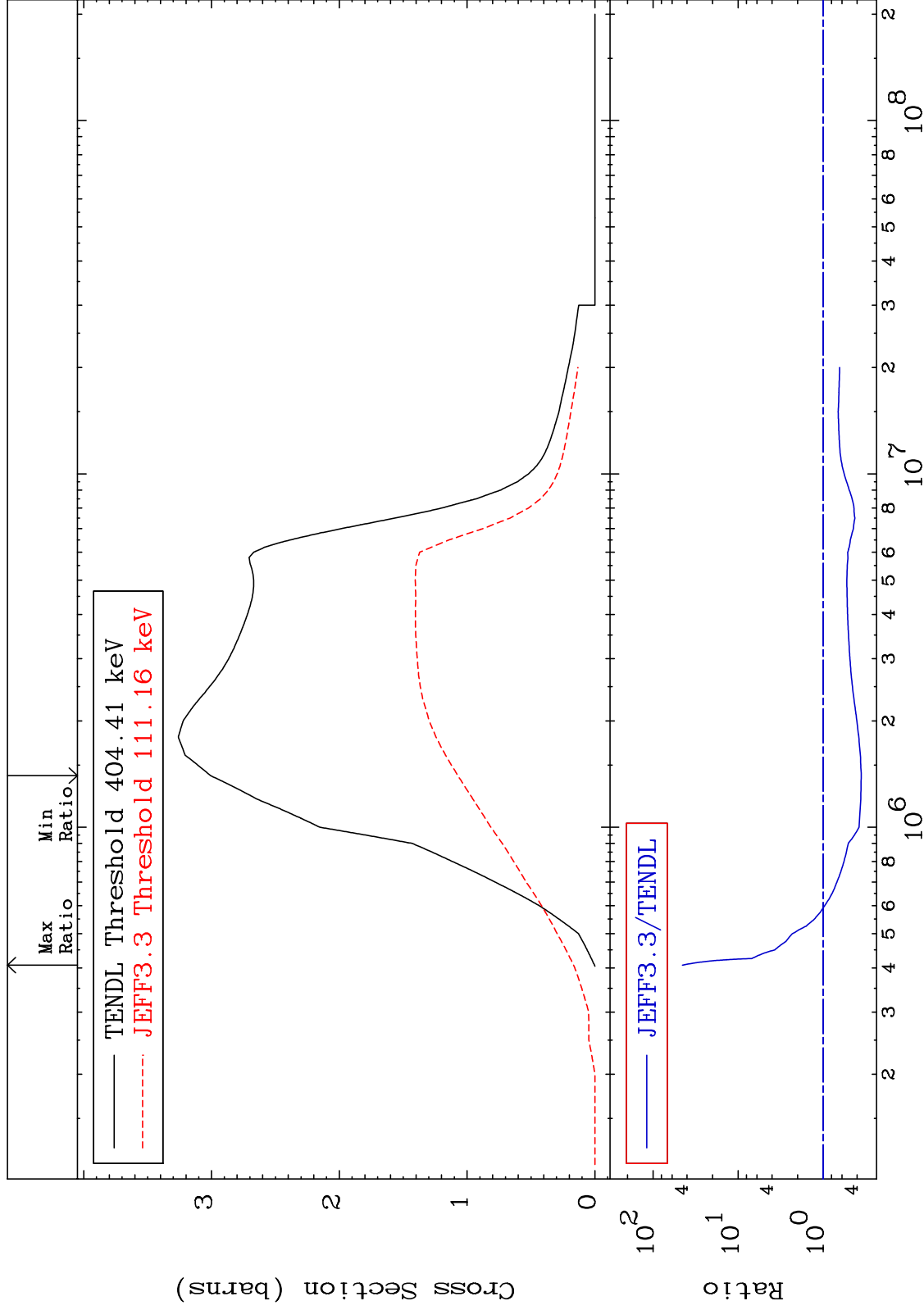
93-Np-236
120.3 To 9999. %



MAT 9343

(n, n') Continuum
Cross Section

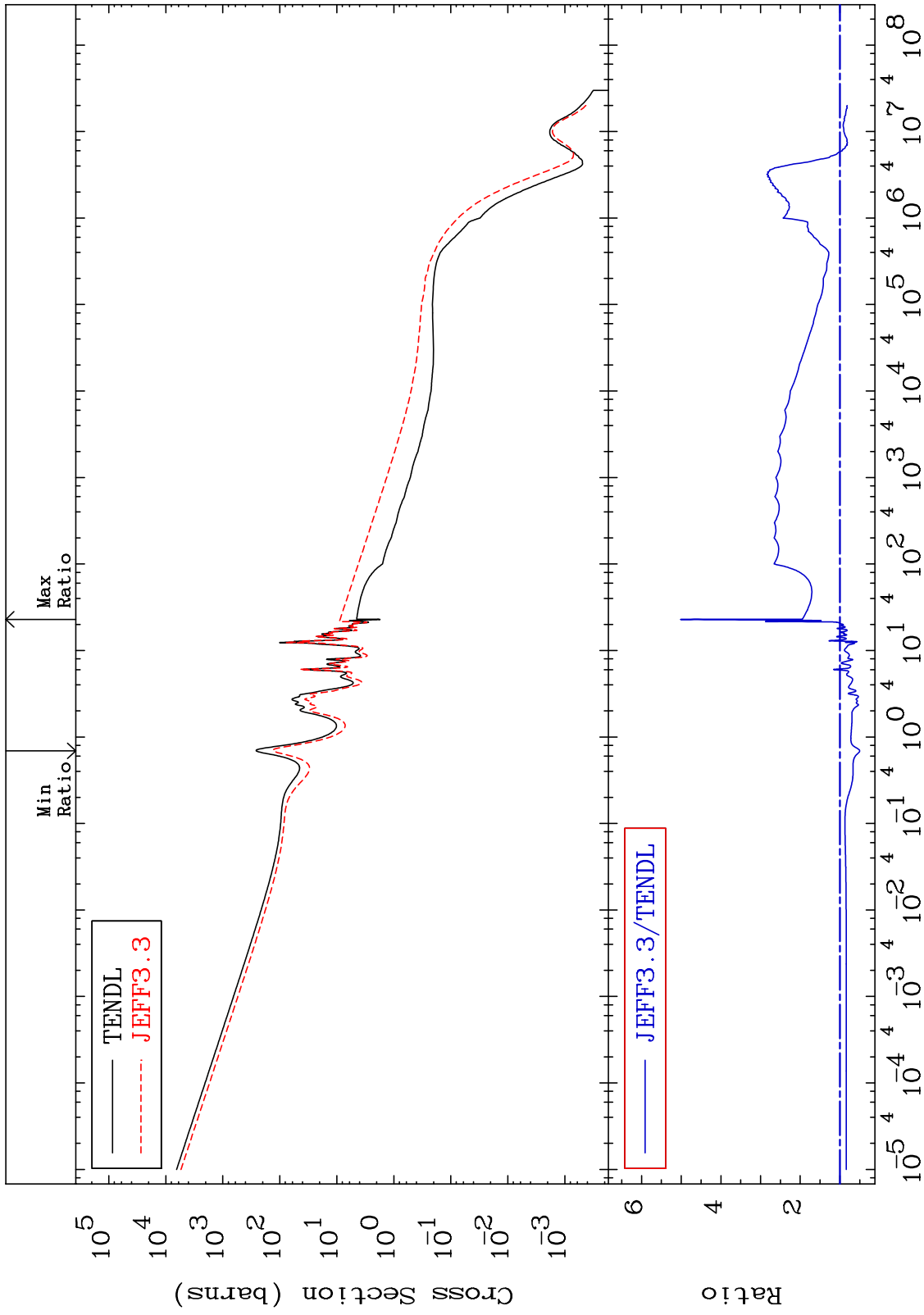
93-Np-236
-64.36 To 4421. %



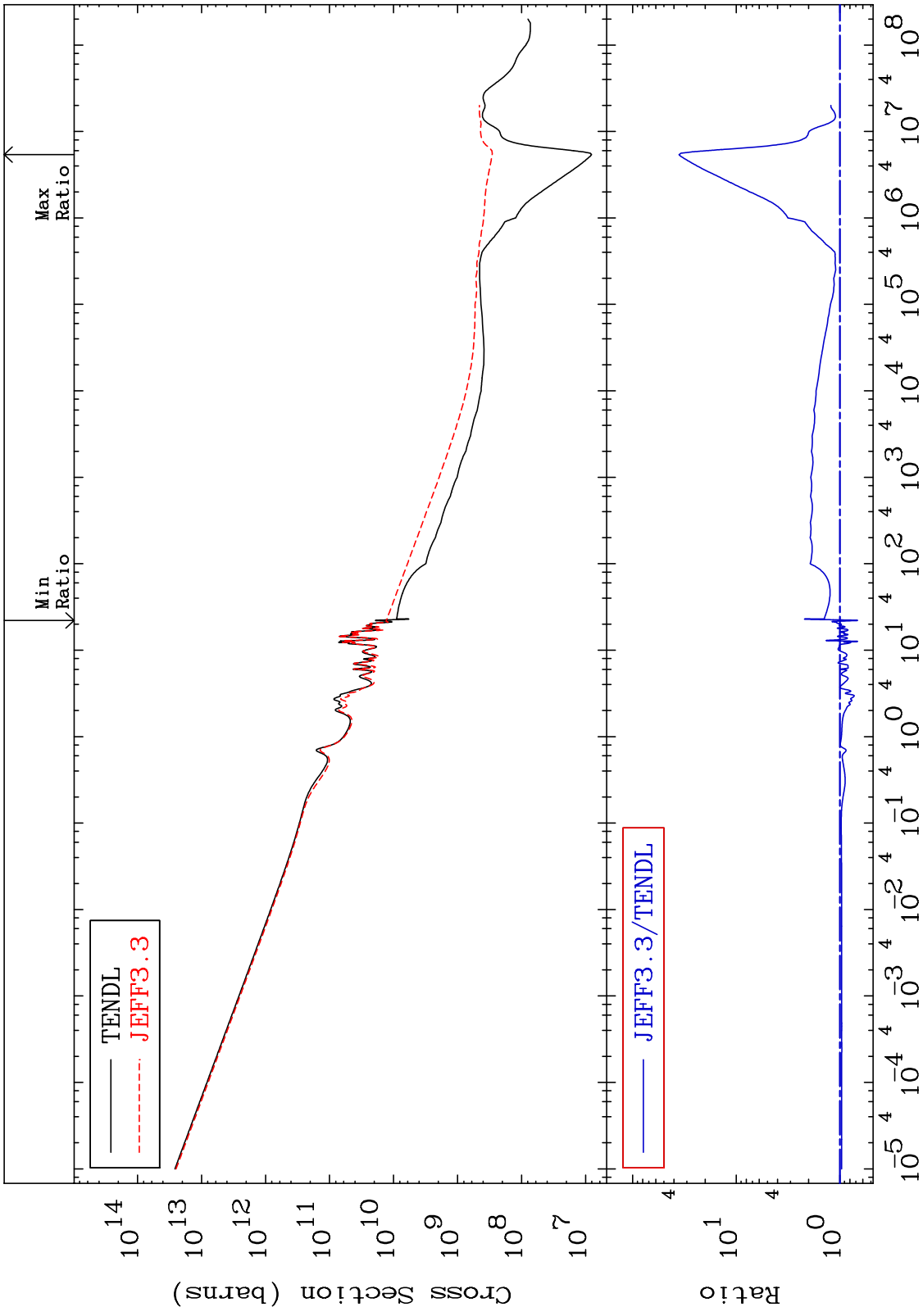
MAT 9343

(n, γ) Cross Section
-49.75 To 401.0 %

93-Np-236



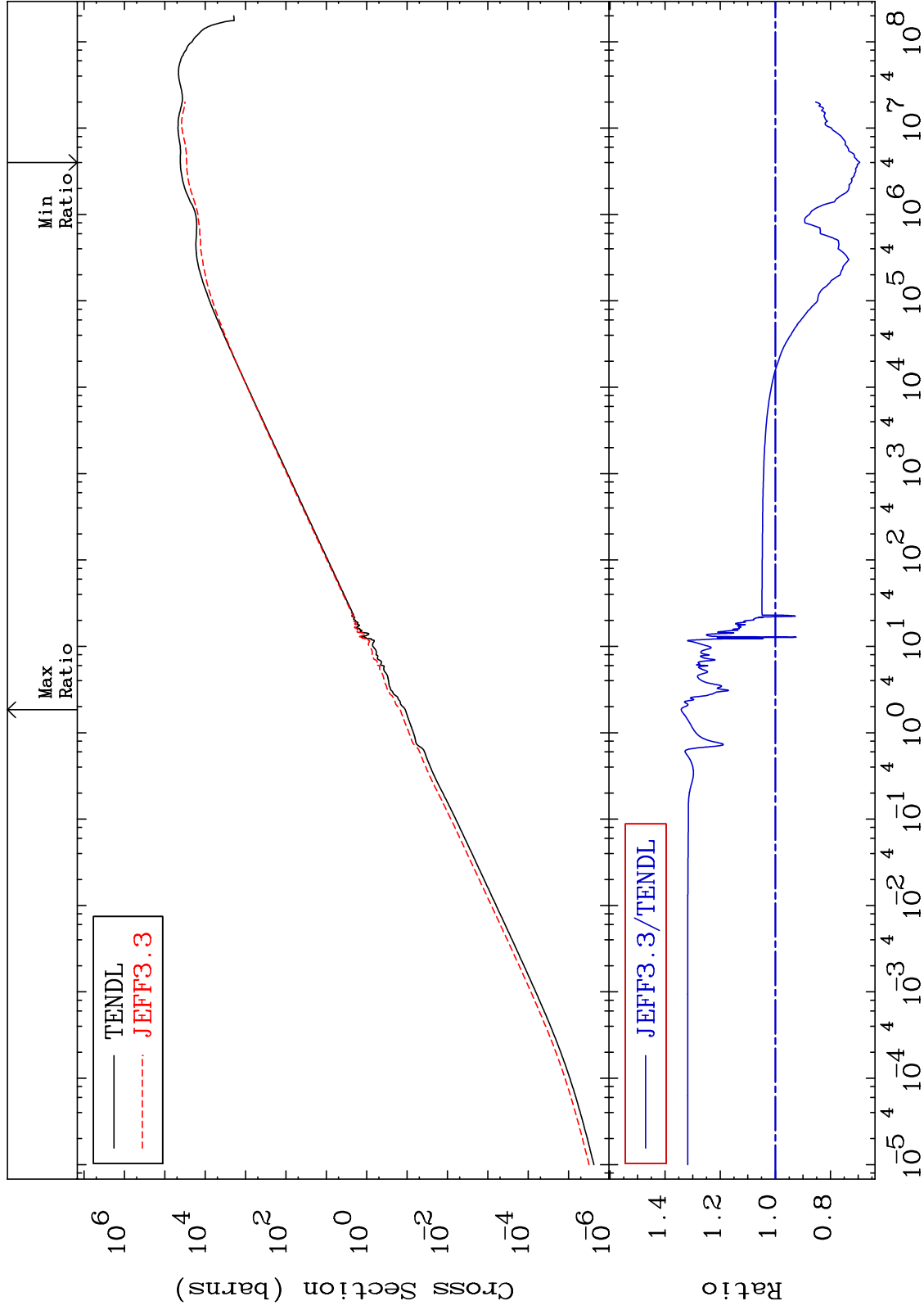
MAT 9343 Kerma total (eV-barns) Cross Section 93-Np-236 -33.00 To 3471. %



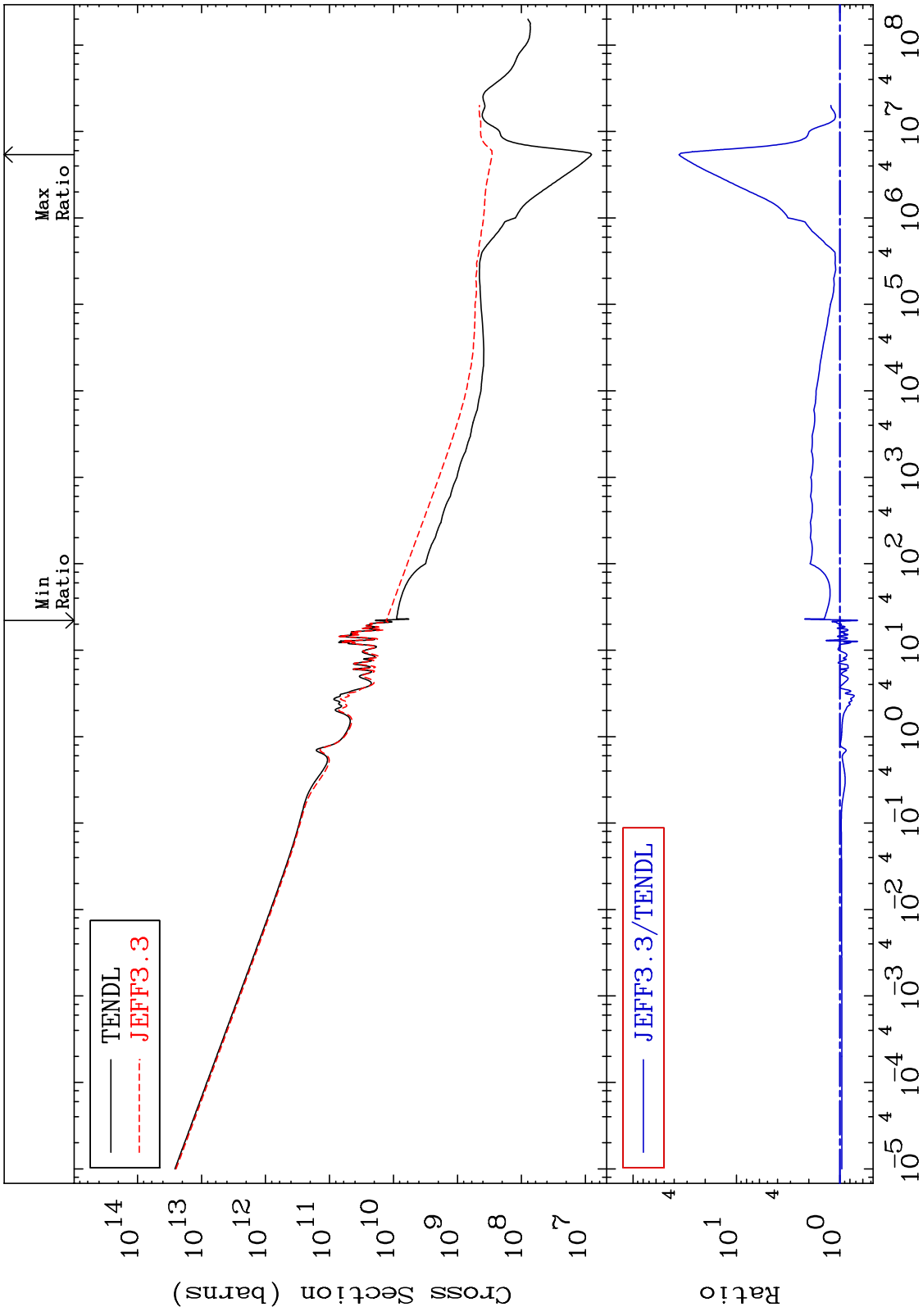
MAT 9343

Kerma elastic
Cross Section

93-Np-236
-30.61 To 34.13 %



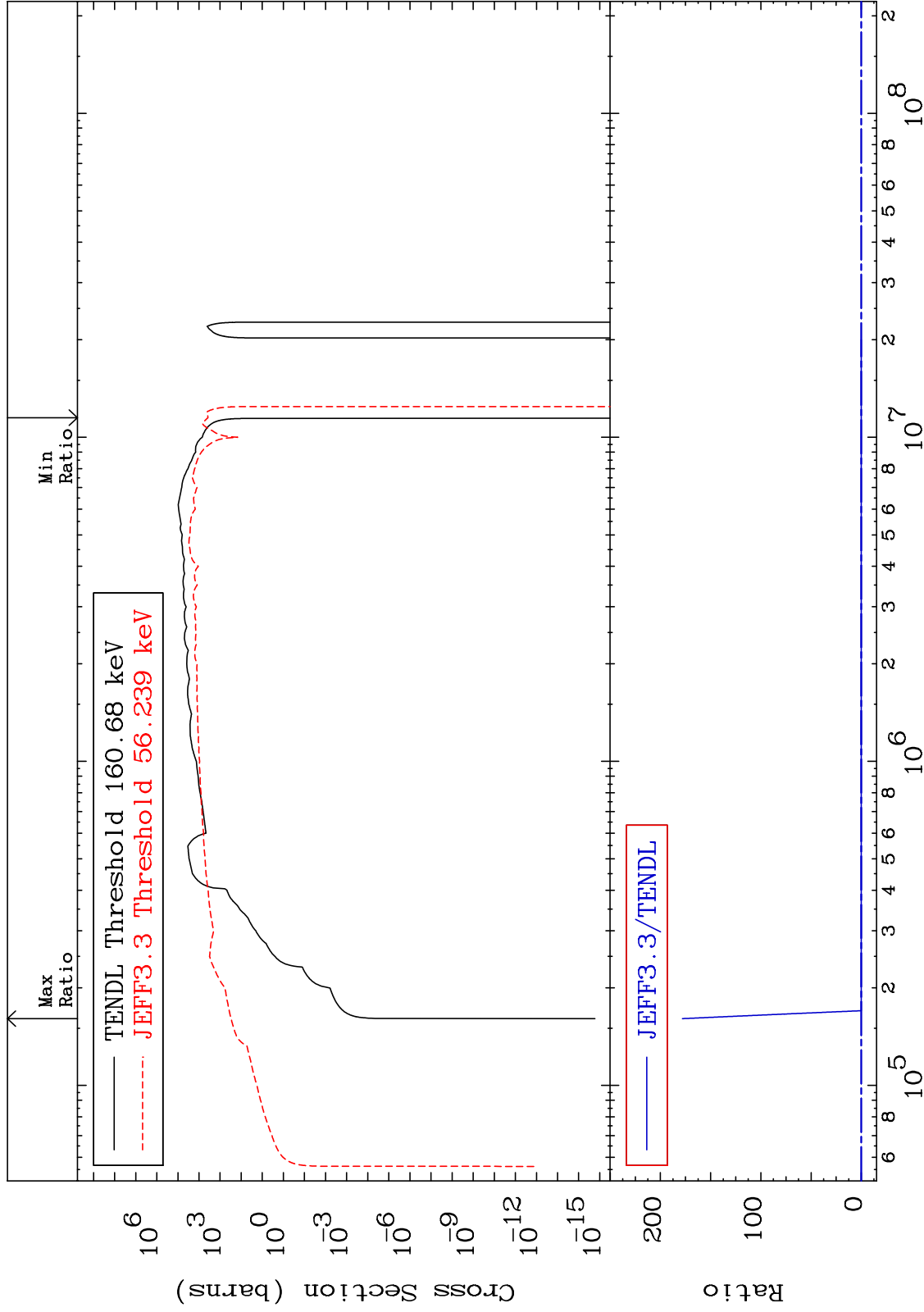
MAT 9343 Kerma non-elastic (all but mt2) 93-Np-236
 Cross Section -33.00 To 3489. %



MAT 9343

Kerma inelastic (mt51-91)
Cross Section

93-Np-236
-1291. To 9999. %



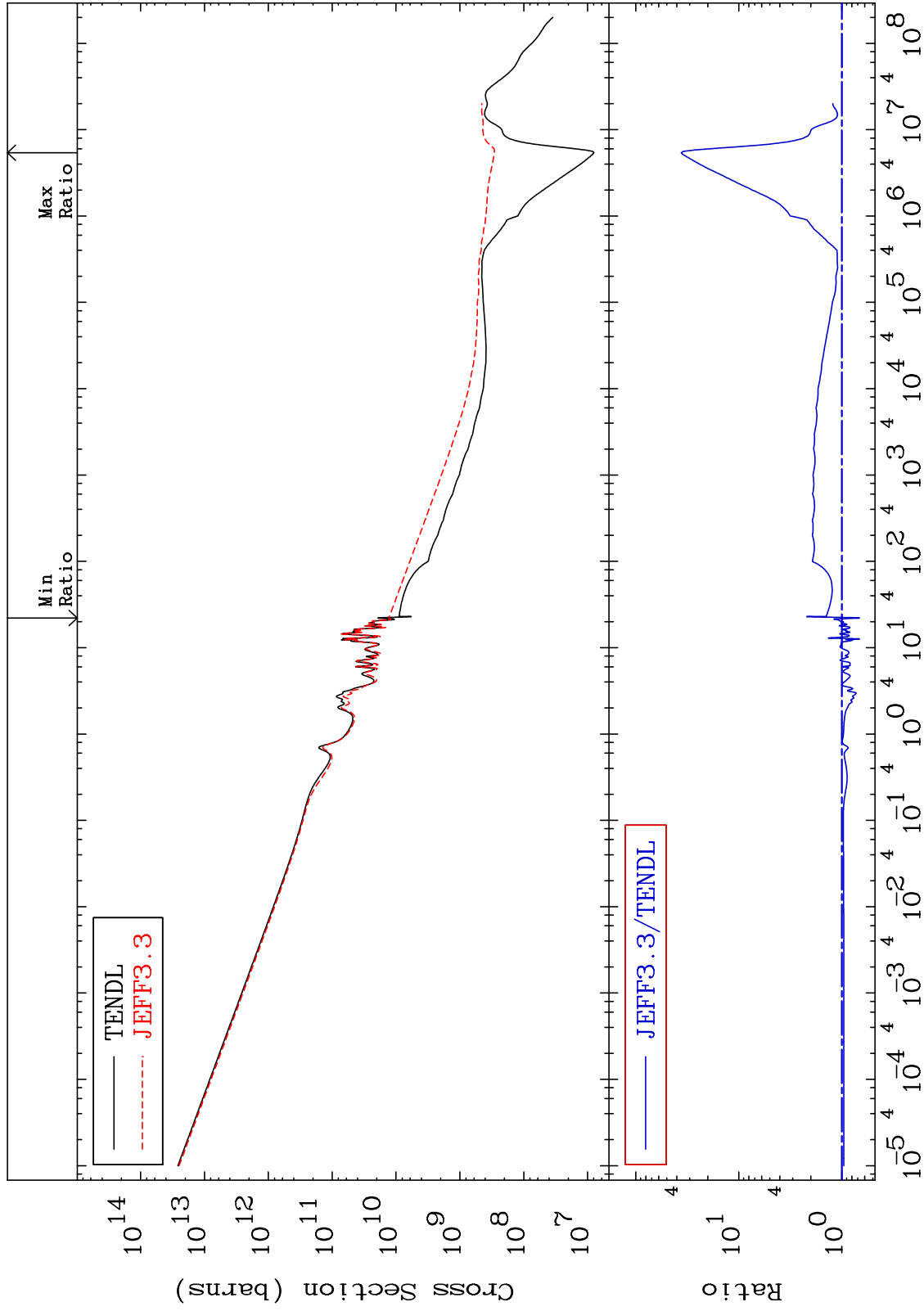
MAT 9343

Kerma fission (mt18 or mt19-20-21-38)

93-Np-236

-33.00 To 3520. %

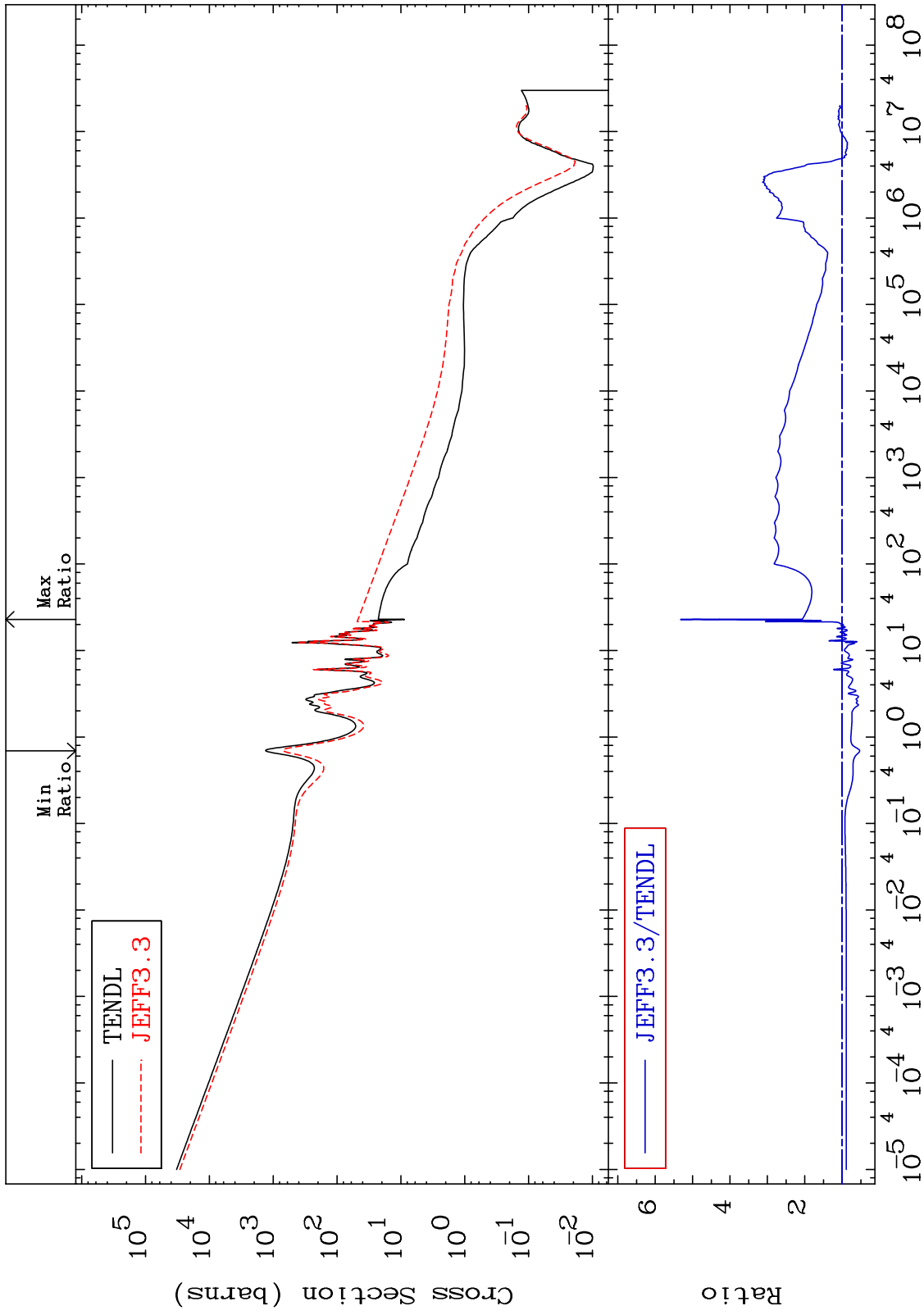
Cross Section



MAT 9343

Kerma capture (mt102)
Cross Section

93-Np-236
-46.68 To 431.6 %

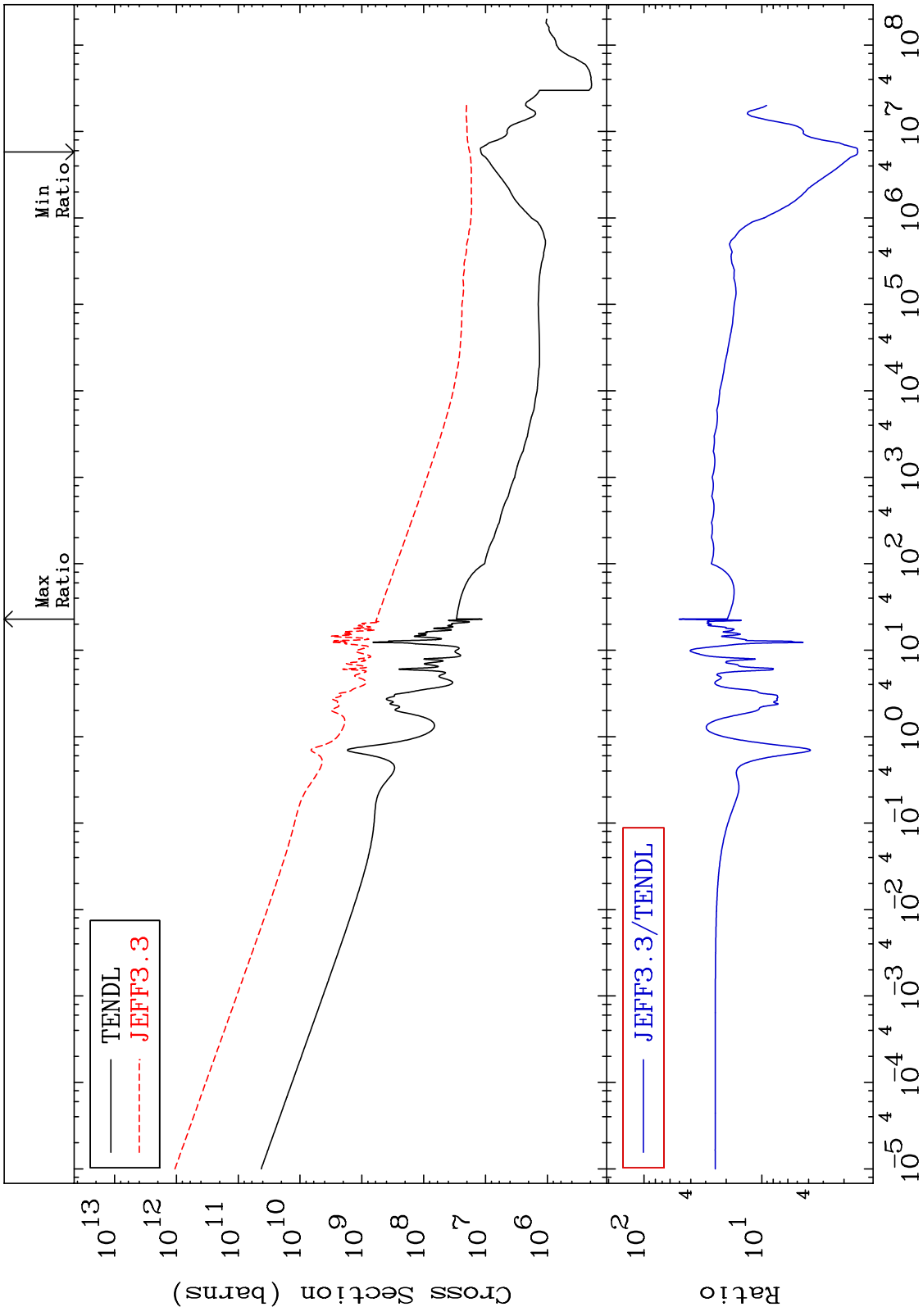


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Incident Energy (eV)

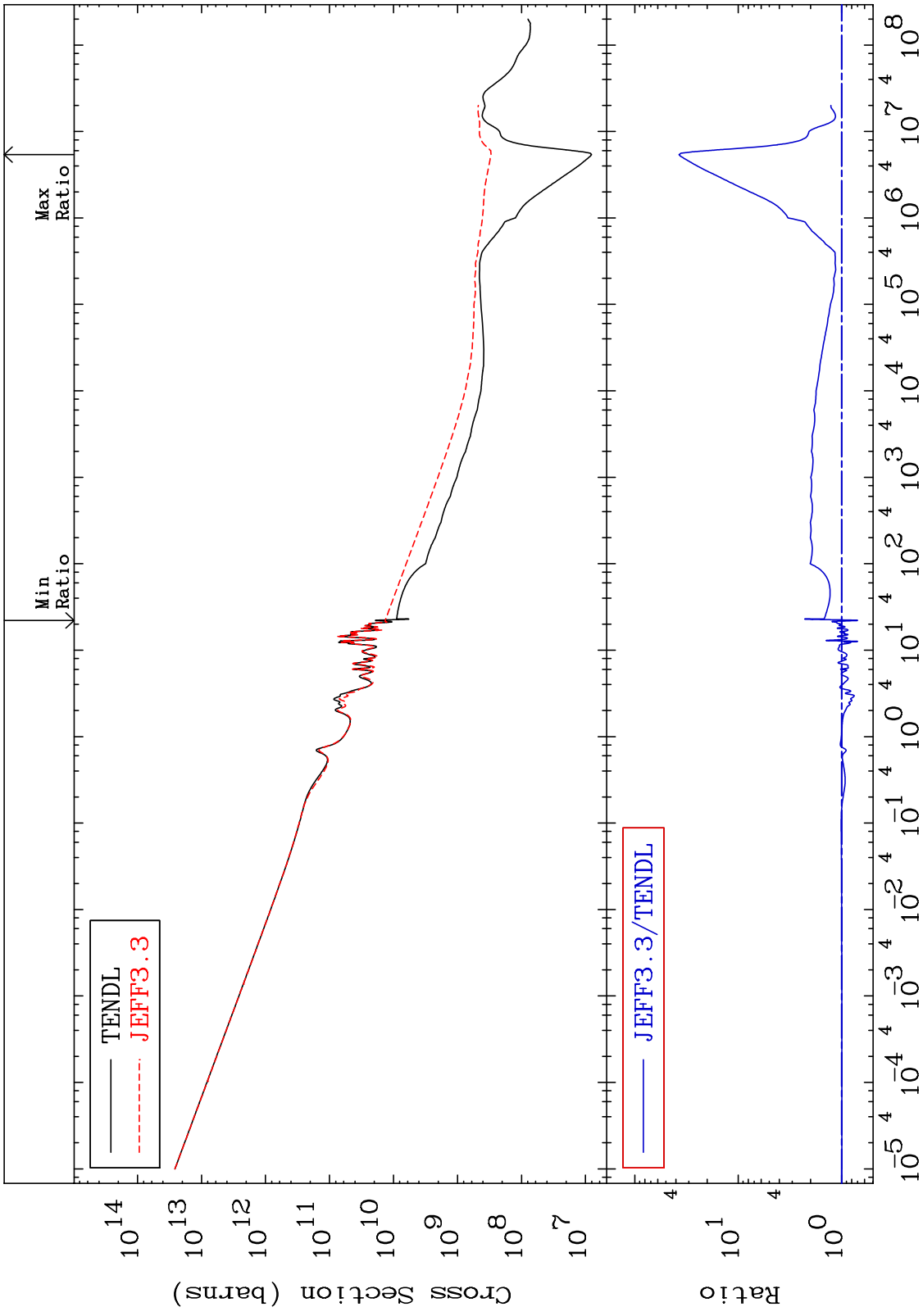
93-Np-236

MAT 9343 93-Np-236
 Total photon (eV-barns) 52.70 To 4936. %
 Cross Section

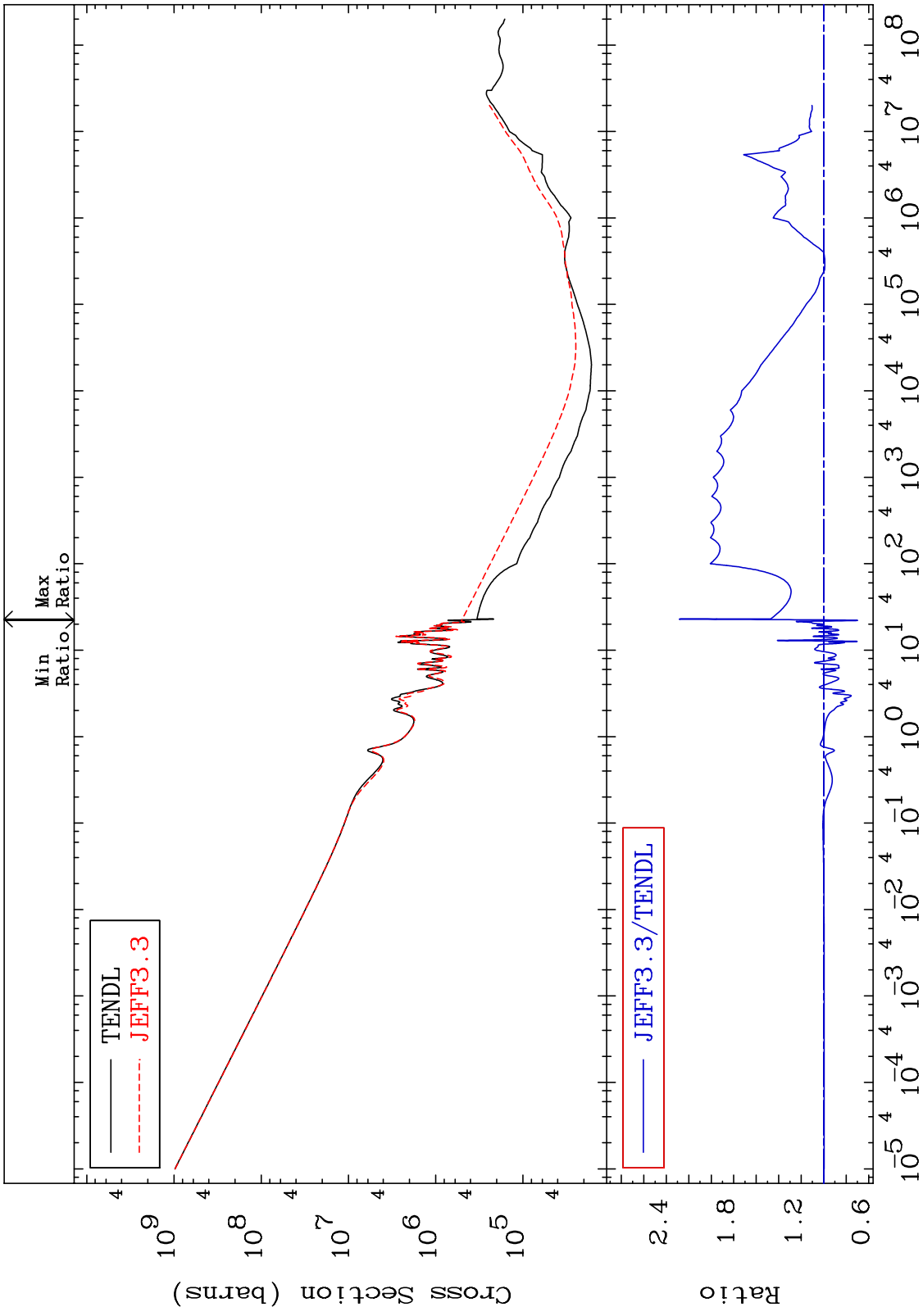


26 93-Np-236

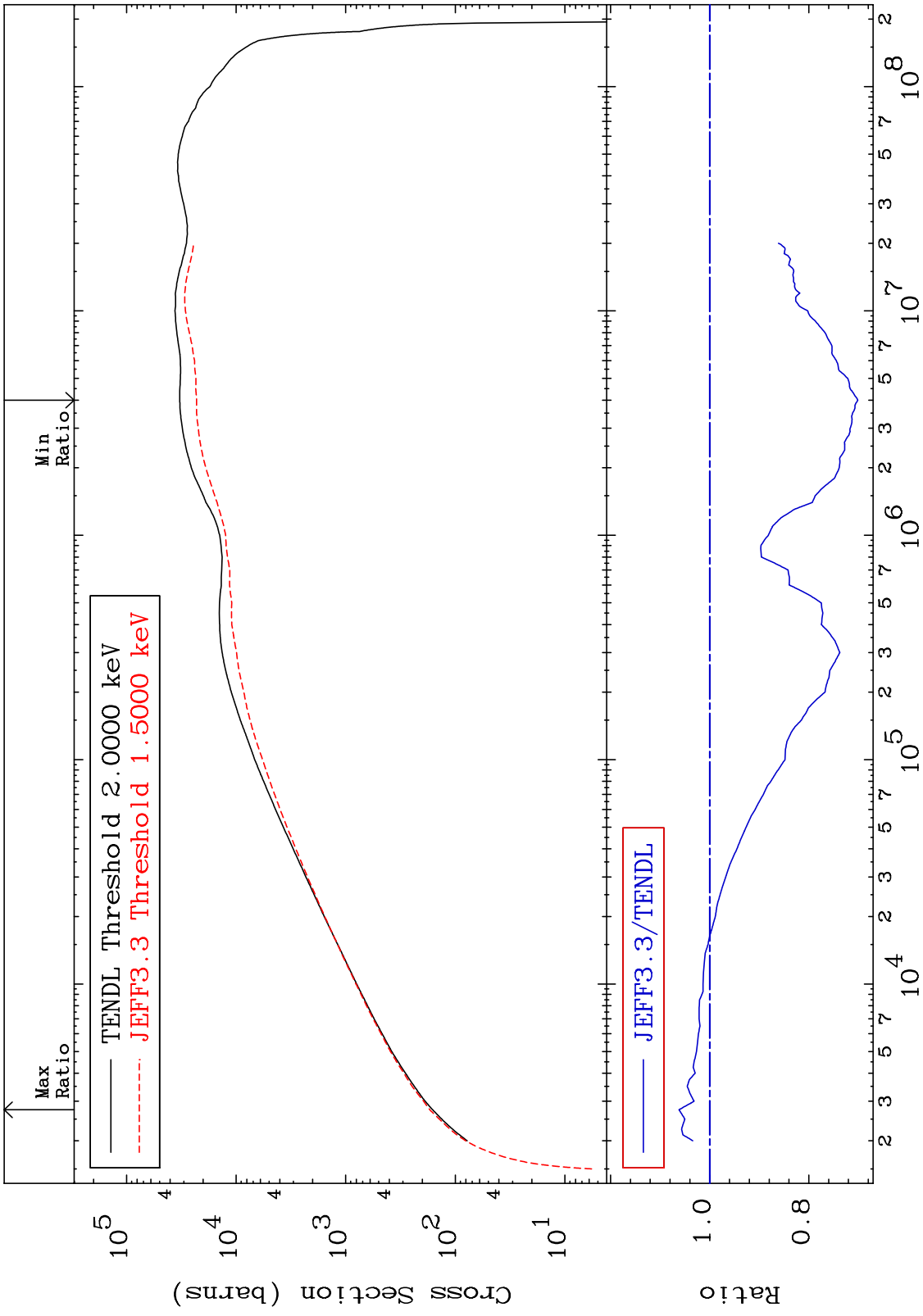
MAT 9343 Total kinematic kerma (high limit) 93-Np-236
 Cross Section -30.26 To 3635. %



MAT 9343 Dpa total (eV-barns) 93-Np-236
 Cross Section -30.41 To 128.6 %



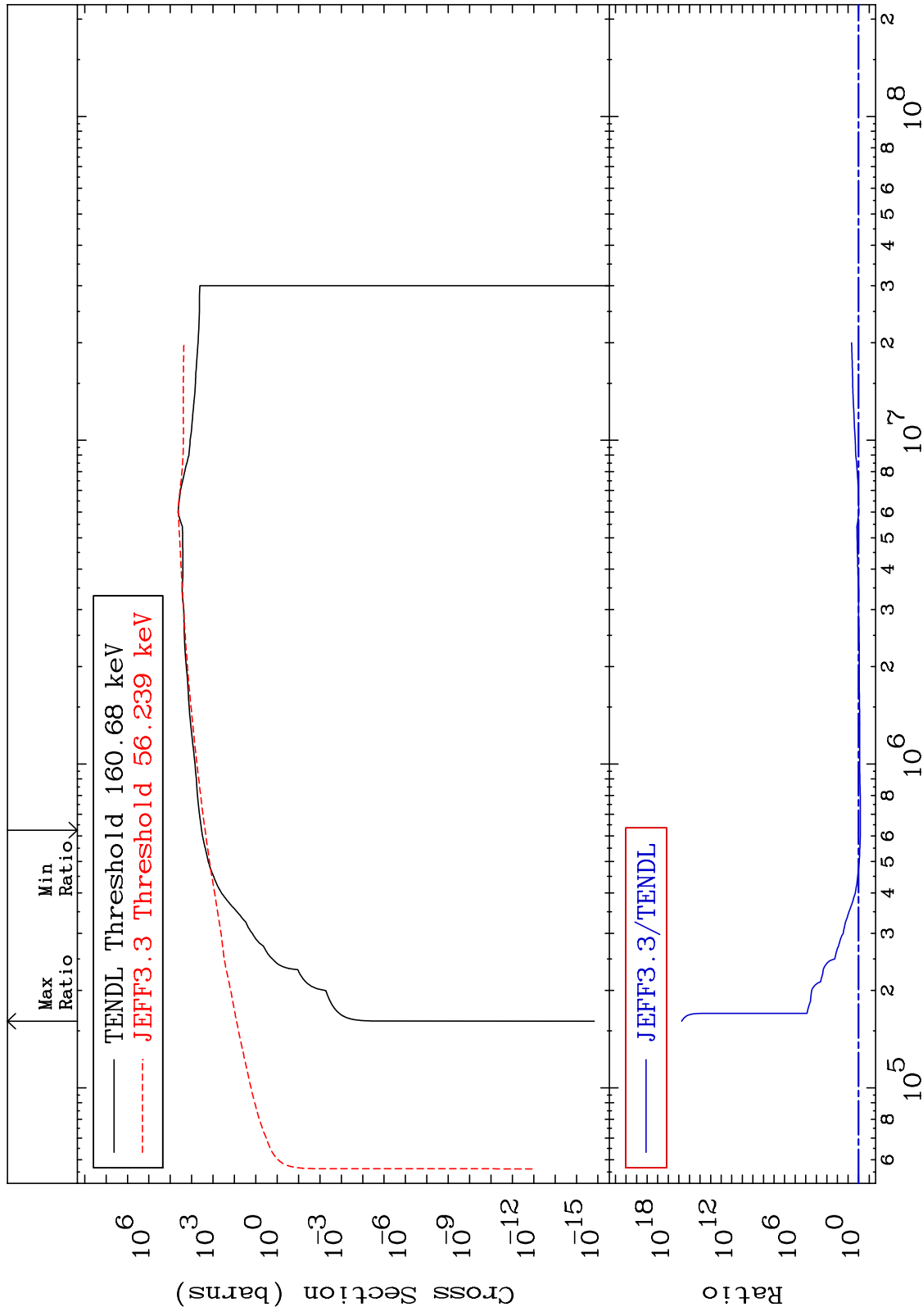
MAT 9343 93-Np-236
 Dpa elastic (mt2) -29.89 To 6.184 %
 Cross Section



MAT 9343

Dpa inelastic (mt51-91)
Cross Section

93-Np-236
-31.30 To 9999. %



MAT 9343 Dpa disappearance (mt102 -120) 93-Np-236
 Cross Section -100.0 To 388.3 %

