

Program Complot
(Version 2018-1)

by

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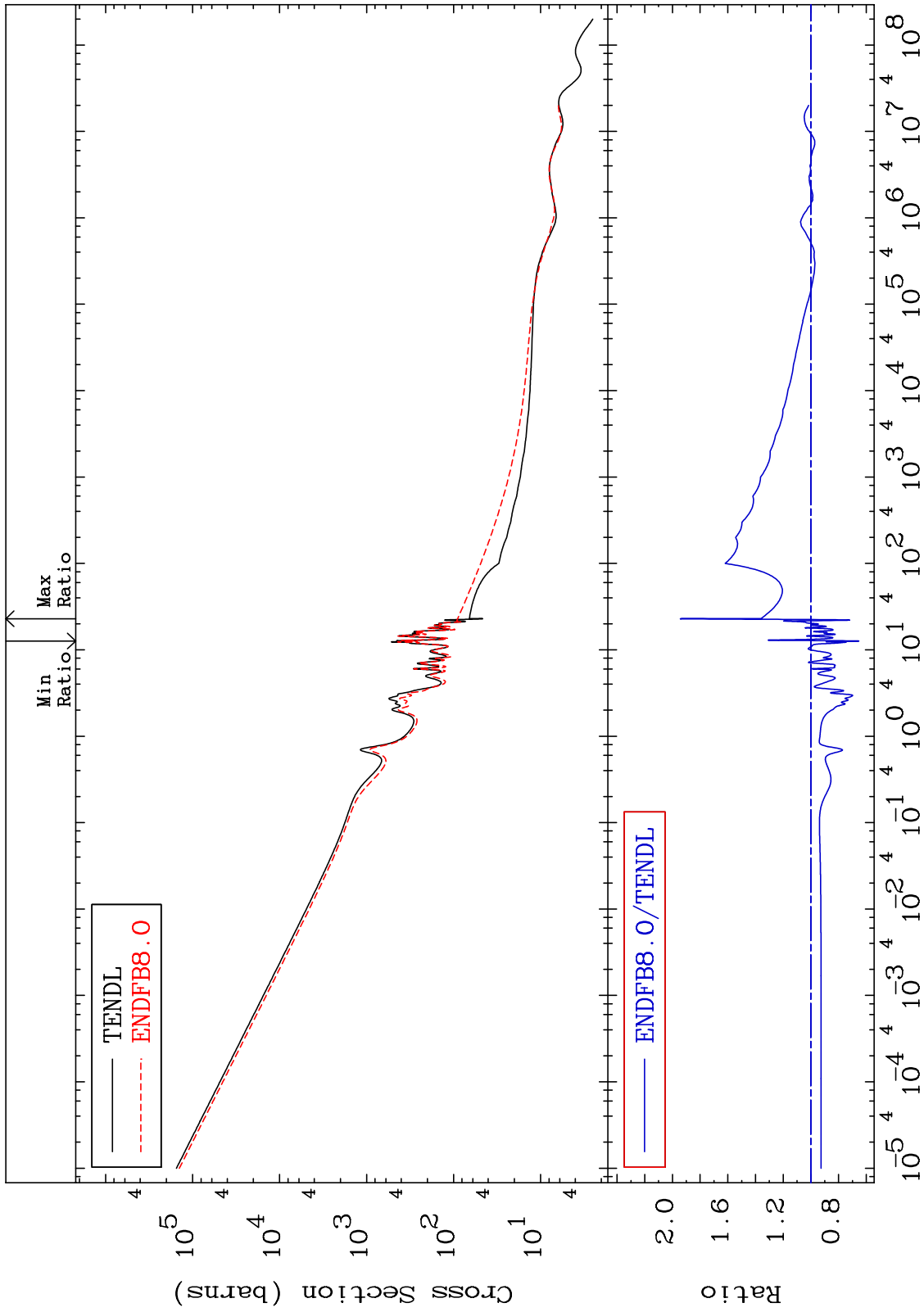
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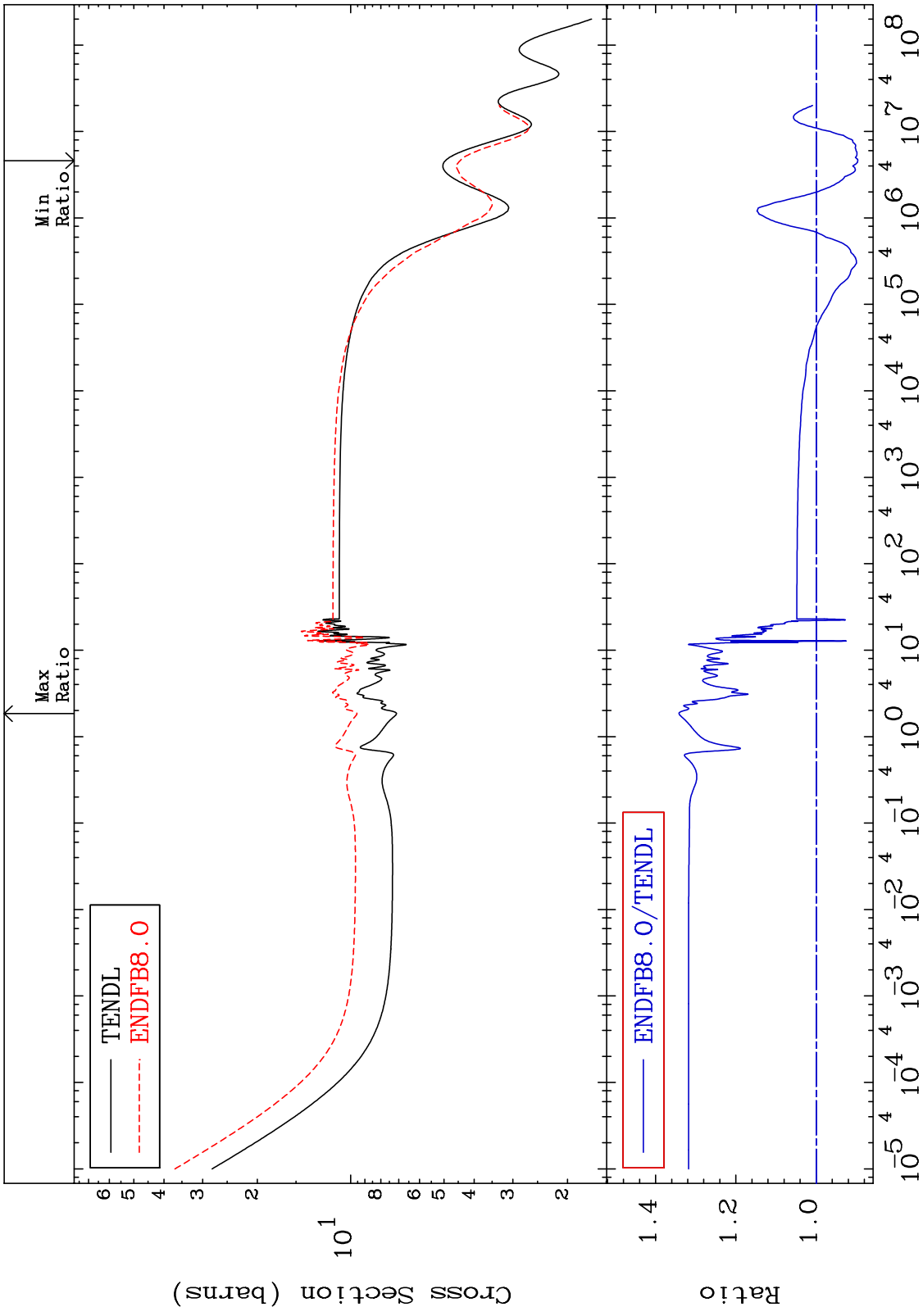
Press Mouse Button to Start

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 %

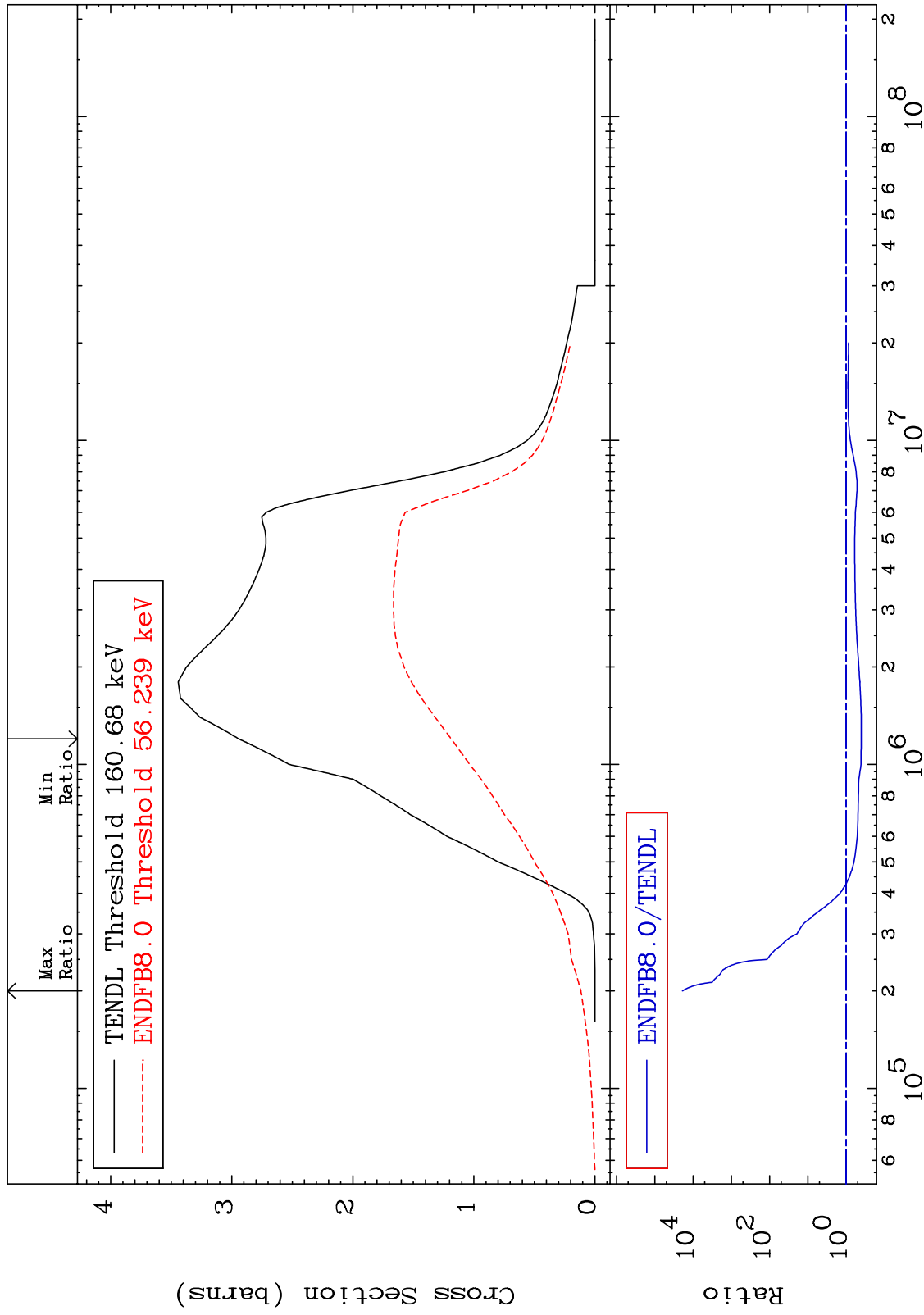


2 $^{93}\text{Np-236}$

MAT 9343

Inelastic
Cross Section

93-Np-236
-59.64 To 9999. %

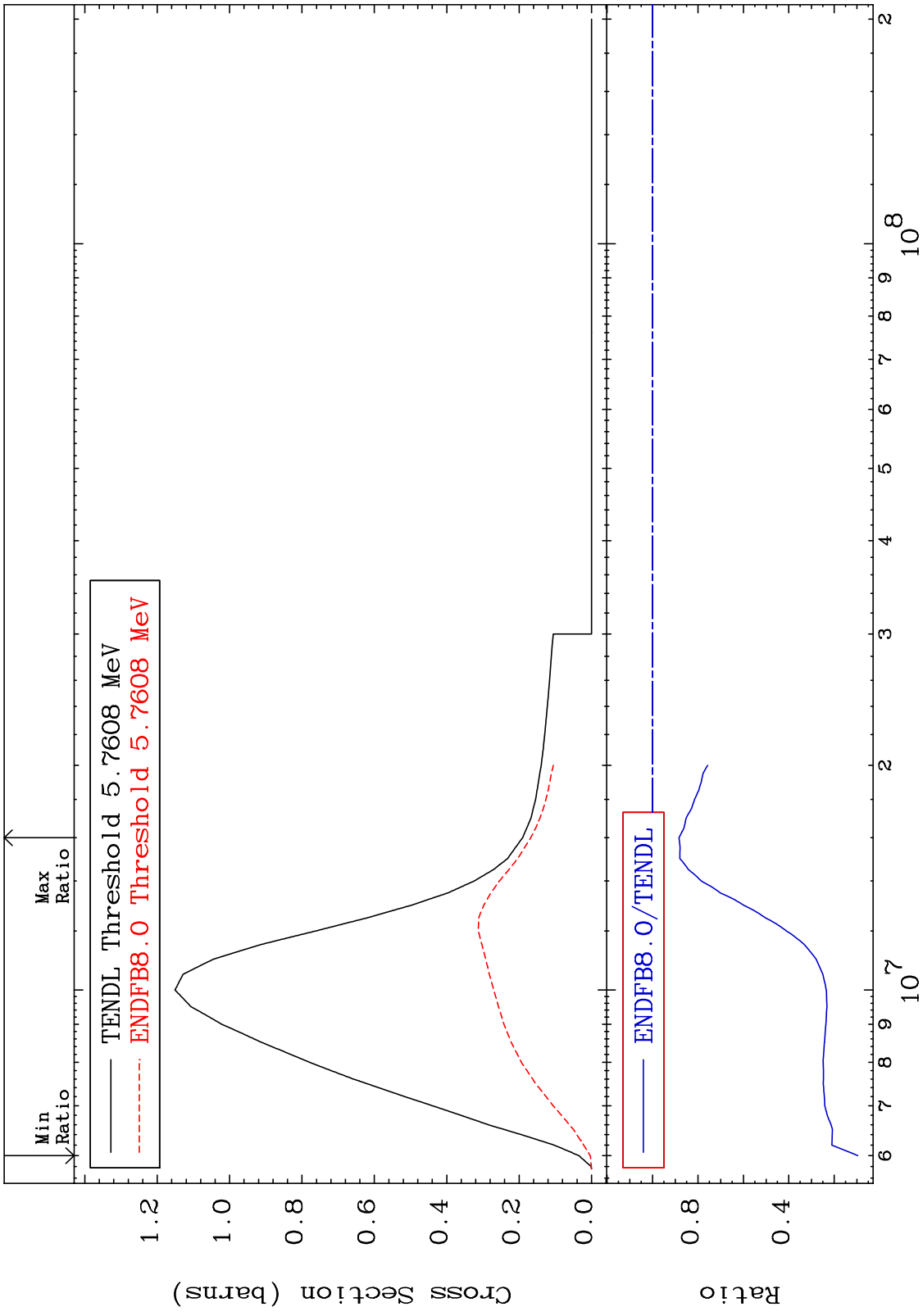


3

Incident Energy (eV)

93-Np-236

MAT 9343 $(n,2n)$ Cross Section $^{93}\text{Np-236}$ -90.39 To -11.67%



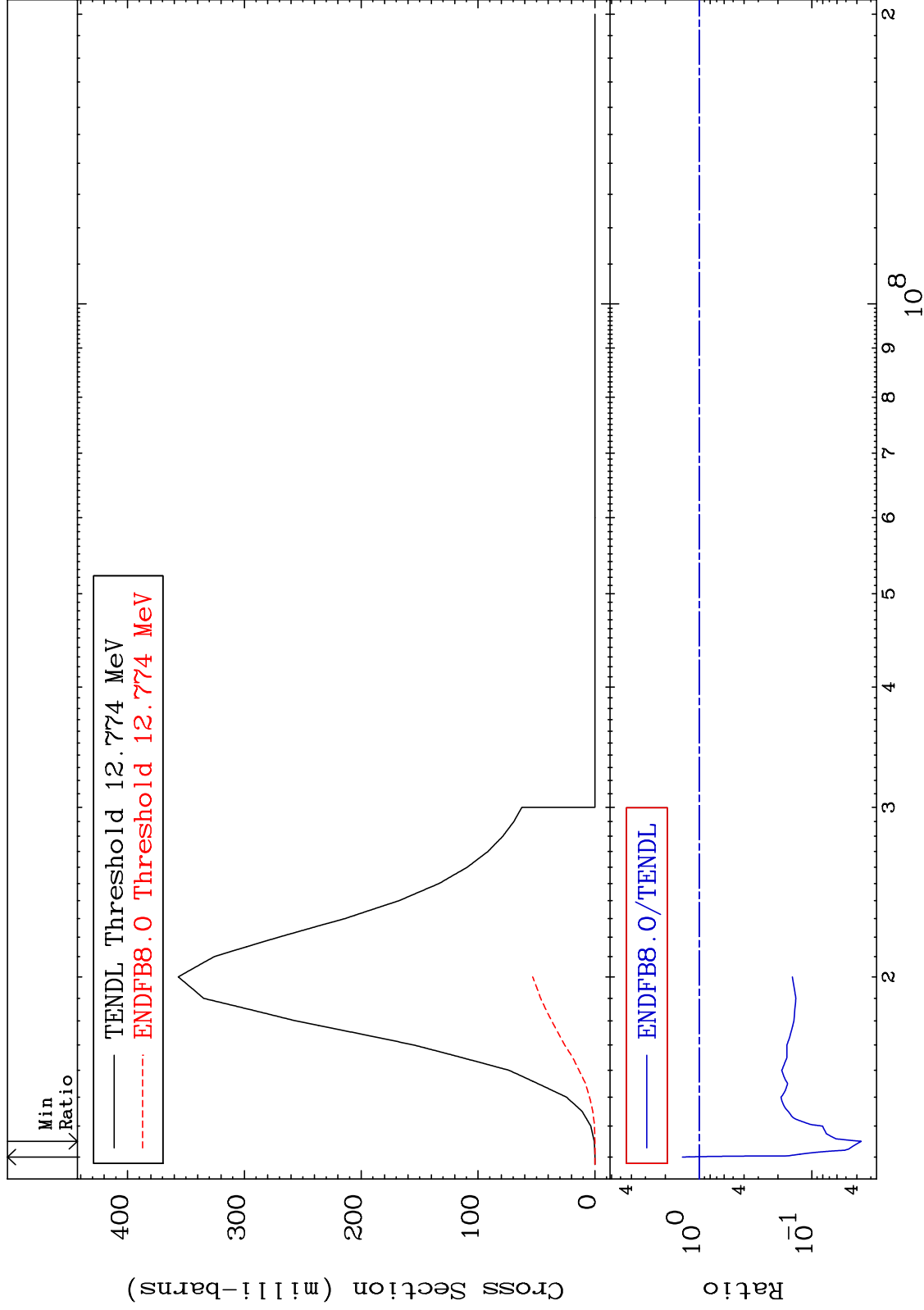
MAT 9343

(n,3n)

⁹³Np-236

Cross Section

-96.35 To 40.86 %

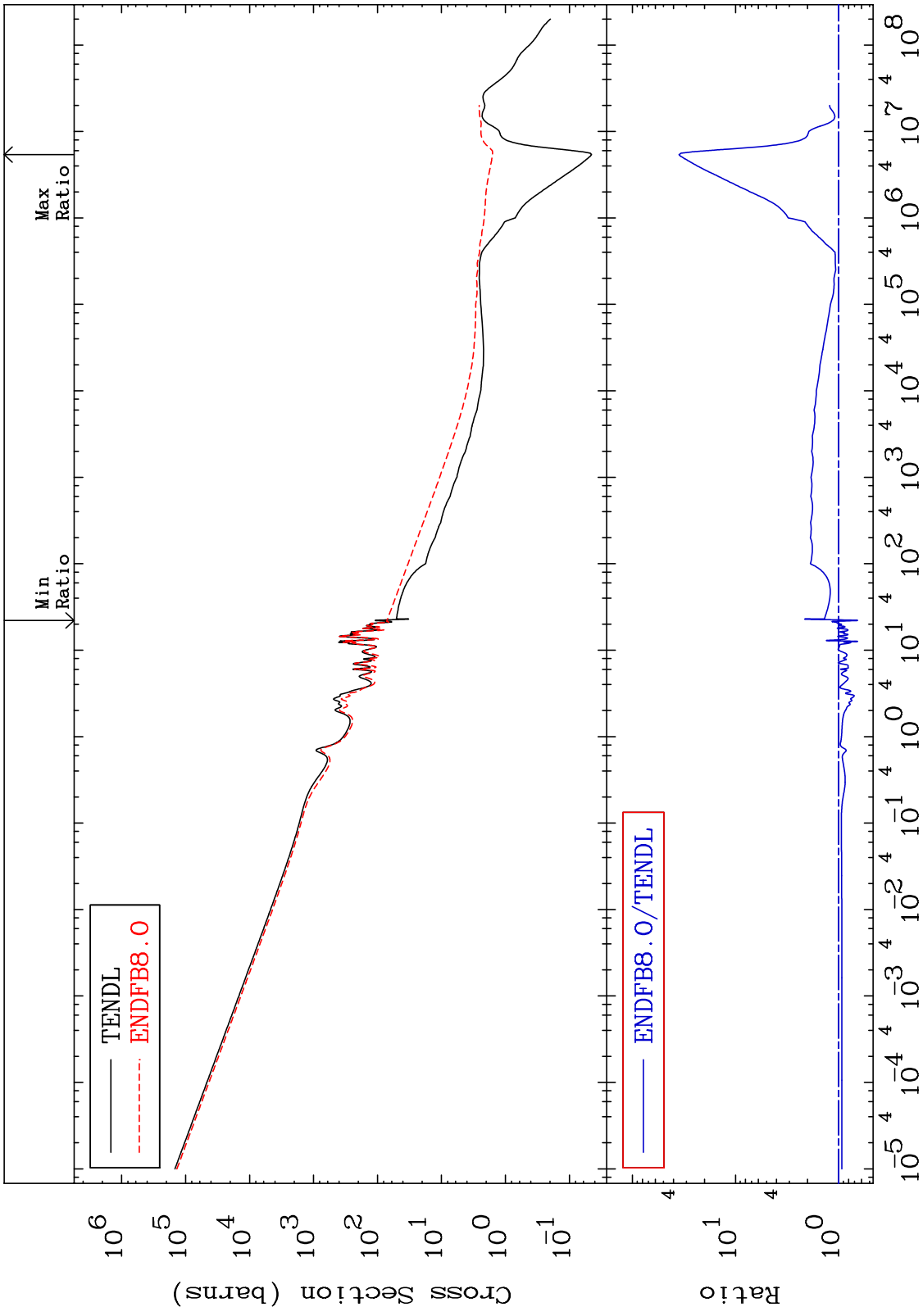


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Incident Energy (eV)

⁹³Np-236

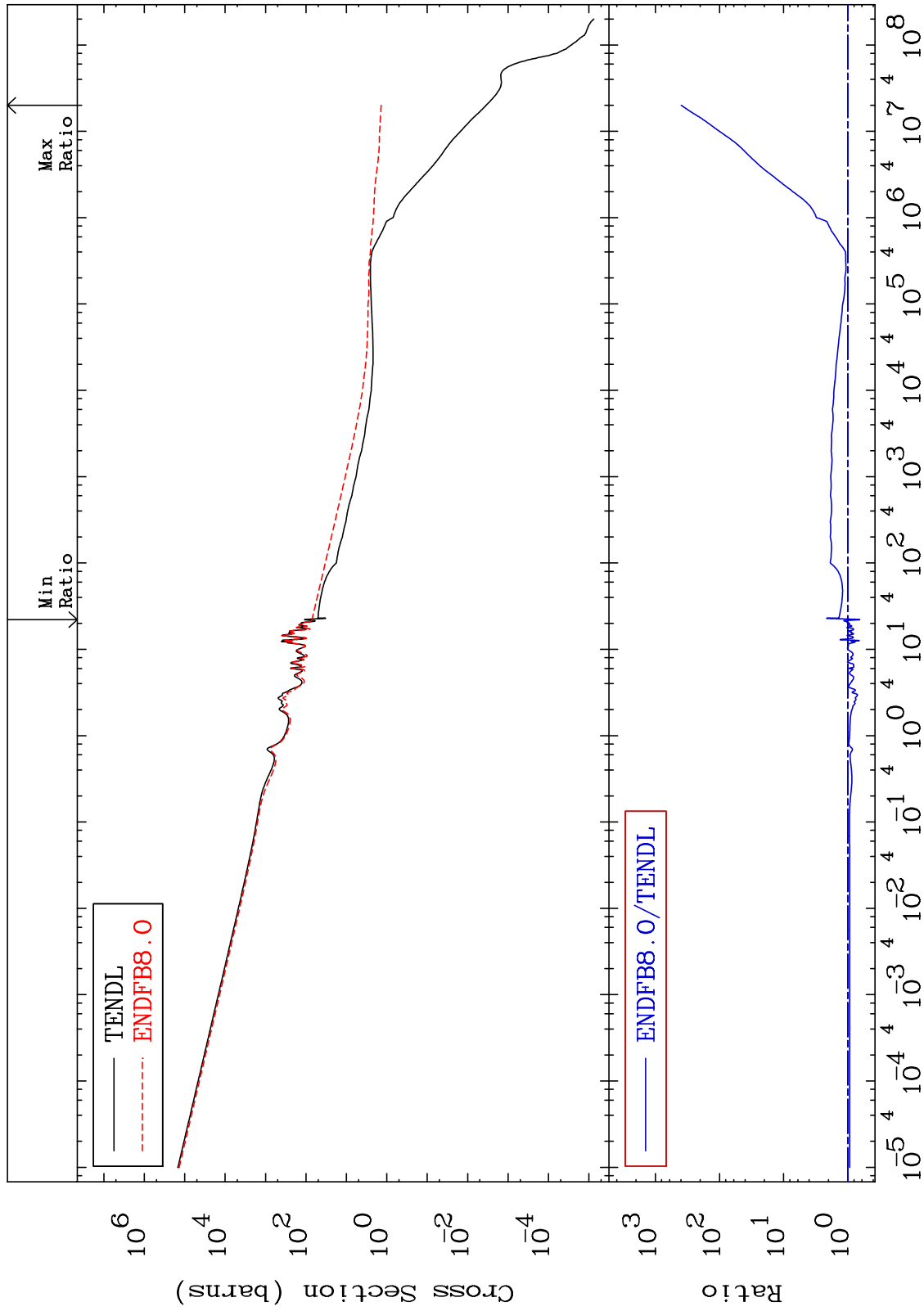
MAT 9343 Fission Cross Section 93-Np-236 -35.00 To 3433. %



MAT 9343

(n,f) First Chance
Cross Section

93-Np-236
-35.00 To 9999. %



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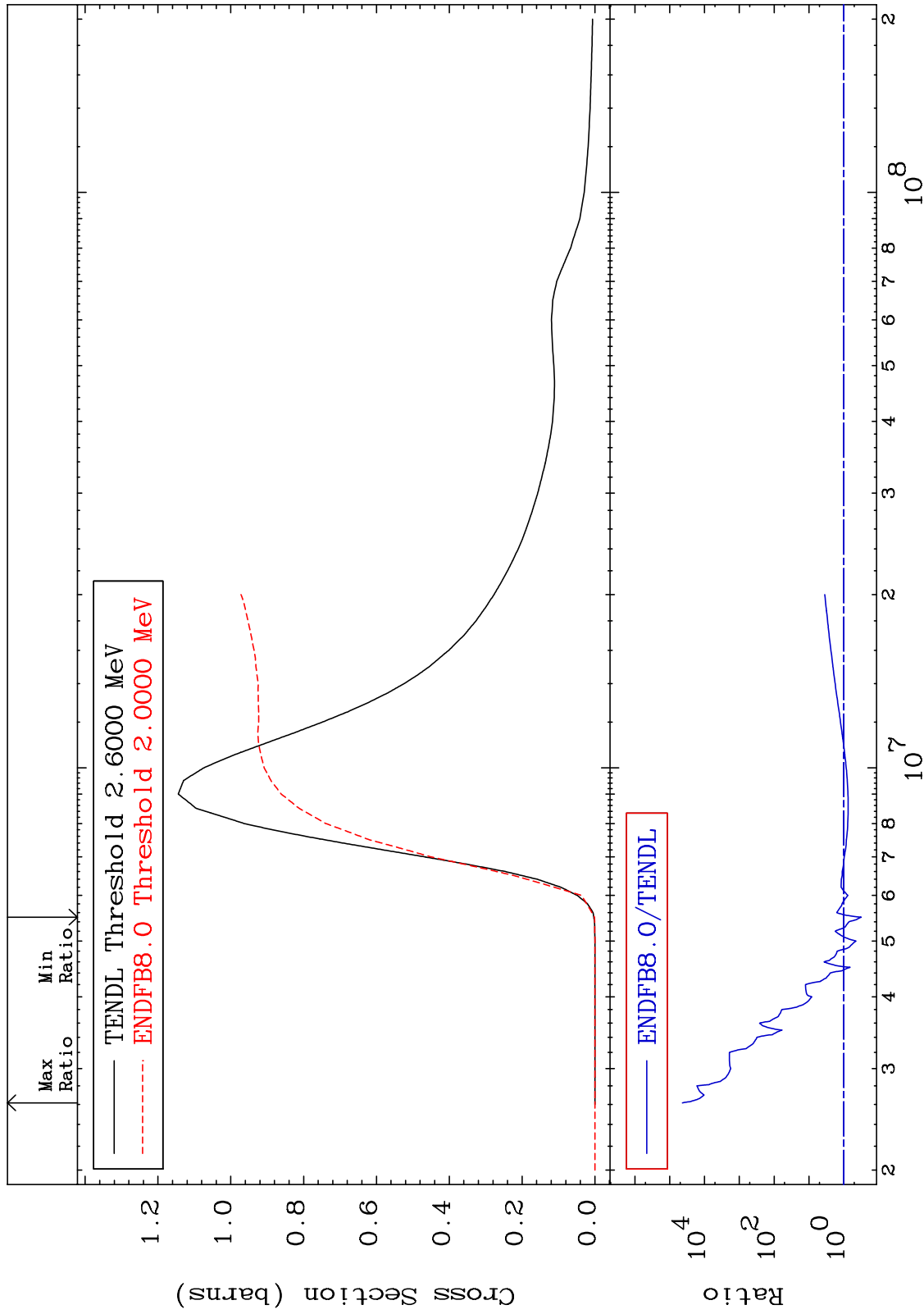
Incident Energy (eV)

93-Np-236

MAT 9343

(n,nf) Second Chance
Cross Section

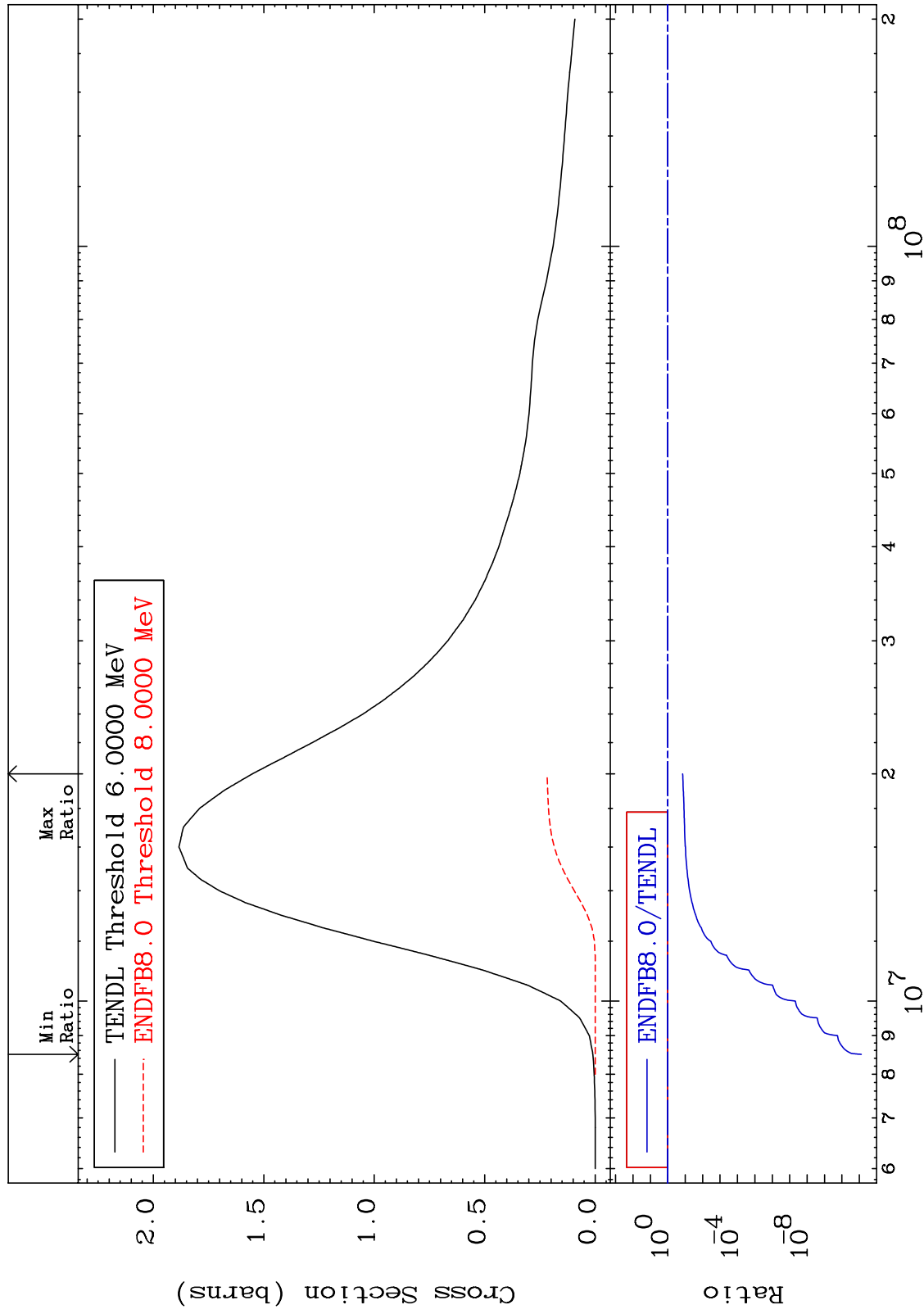
93-Np-236
-68.75 To 9999. %



MAT 9343

(n,2nf) Third Chance
Cross Section

93-Np-236
-100.0 To -86.00%



9

Incident Energy (eV)

93-Np-236

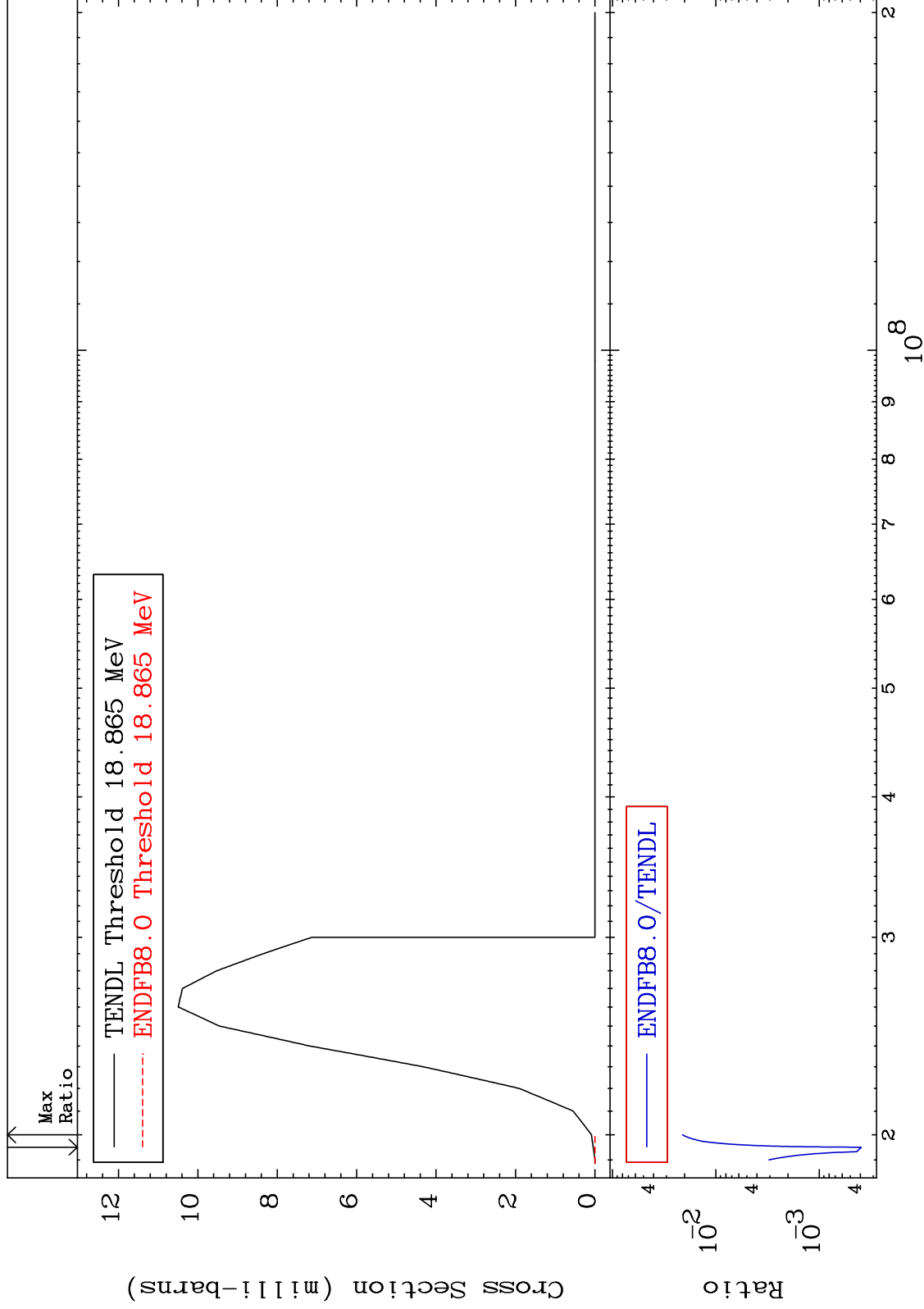
MAT 9343

(n,4n)

⁹³Np-236

Cross Section

-99.96 To -97.90%



10

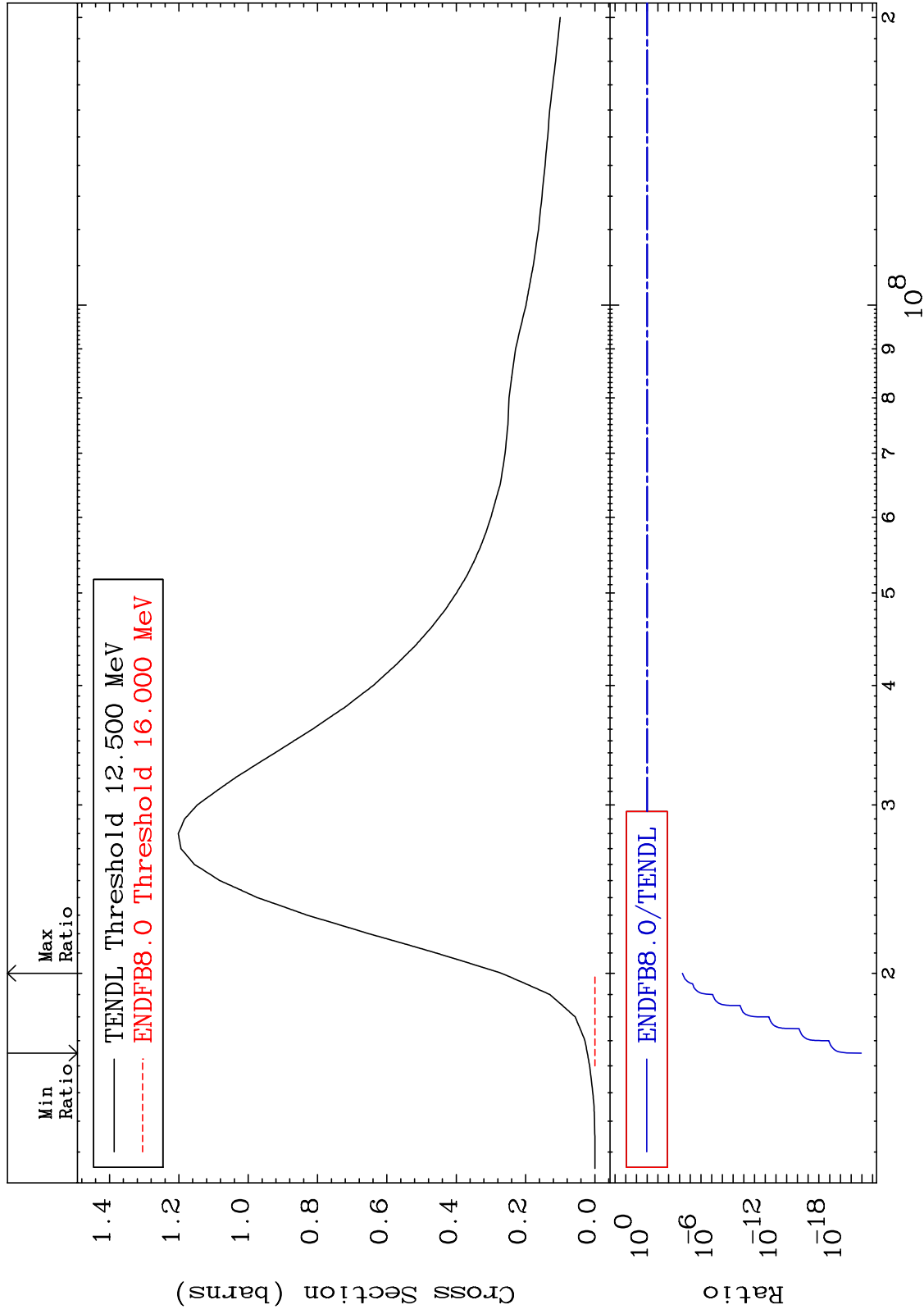
Incident Energy (eV)

⁹³Np-236

MAT 9343

(n,3nf) Fourth Chance
Cross Section

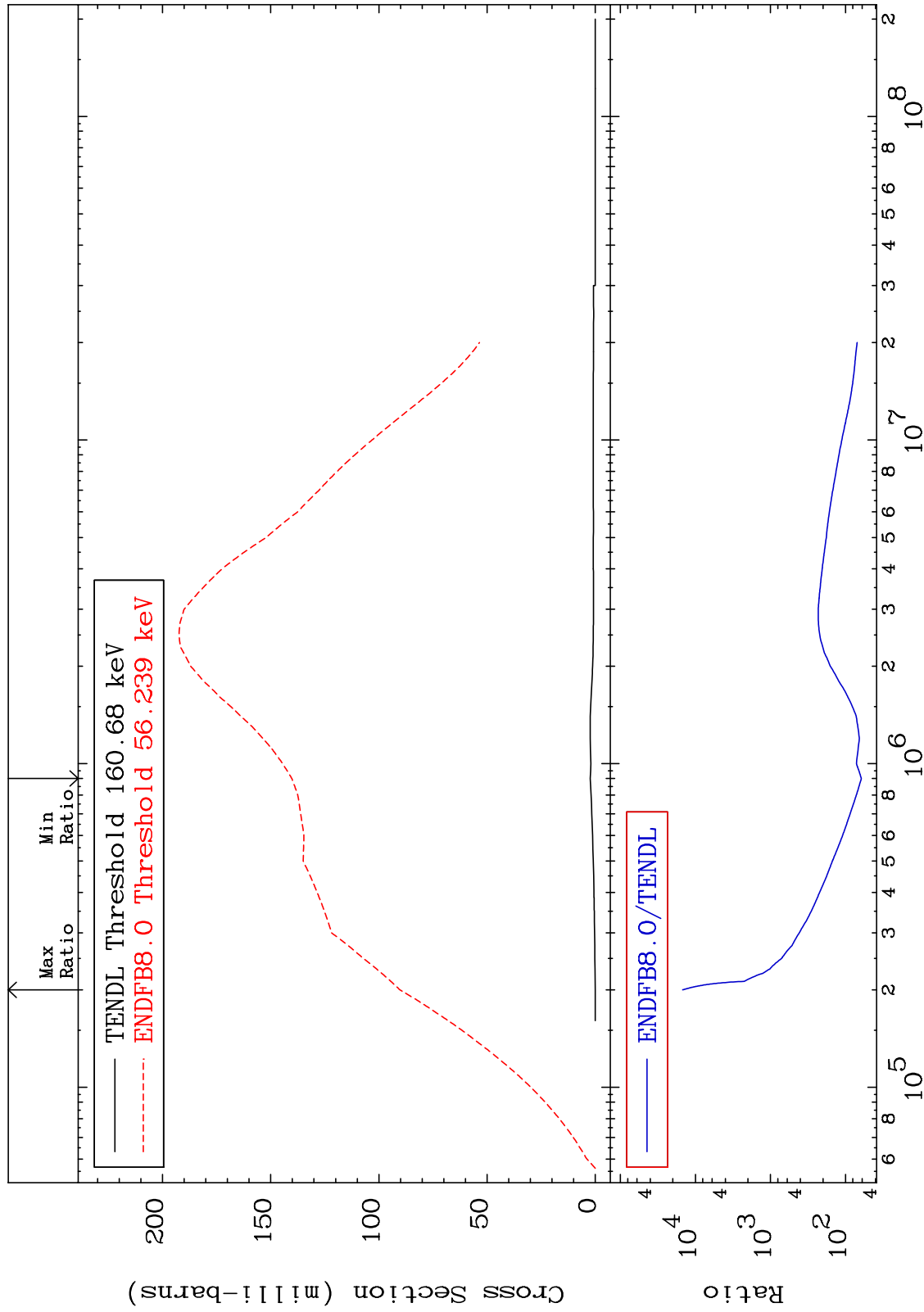
93-Np-236
-100.0 To -99.95%



MAT 9343

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

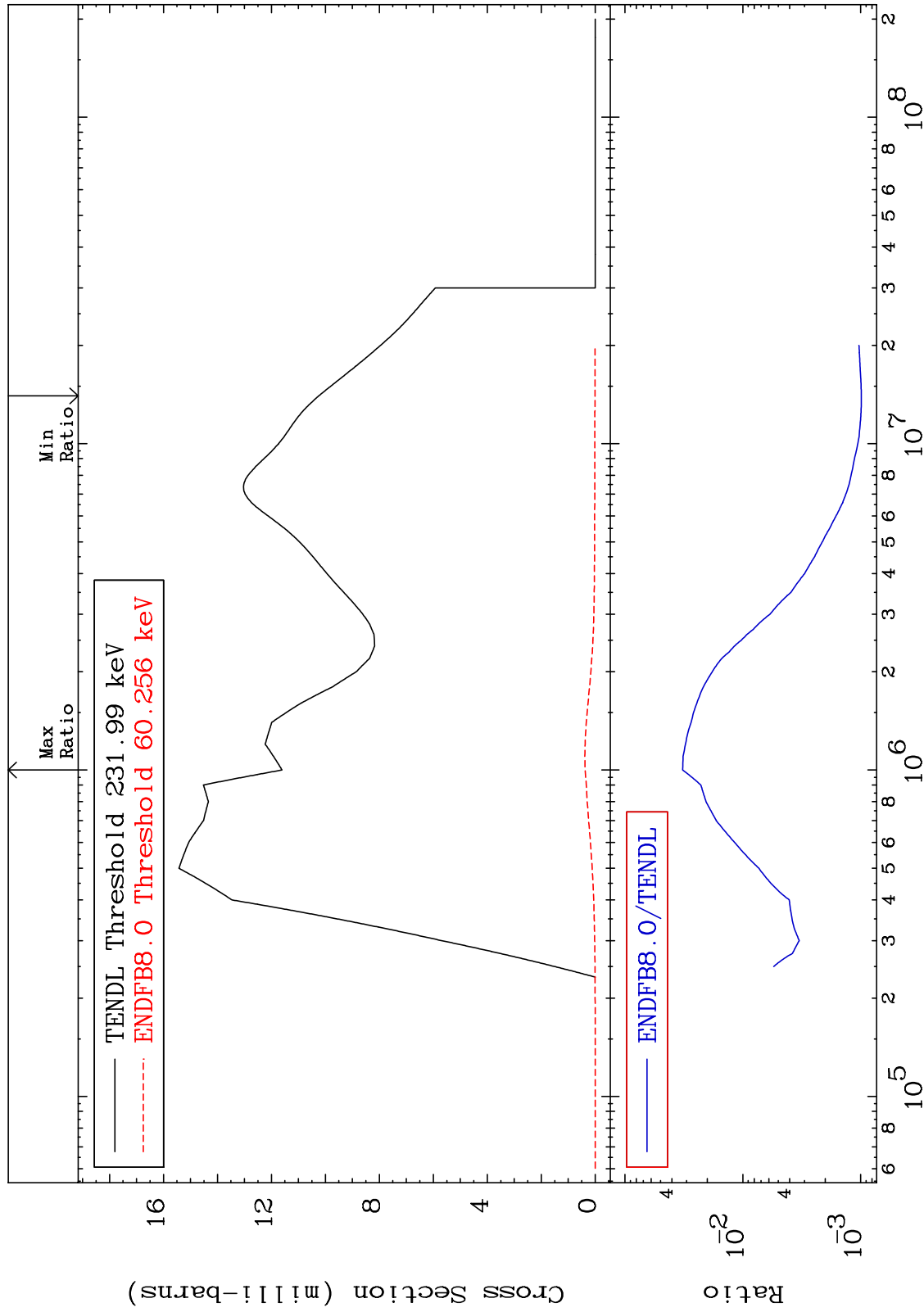
93-Np-236
6062. To 9999. %



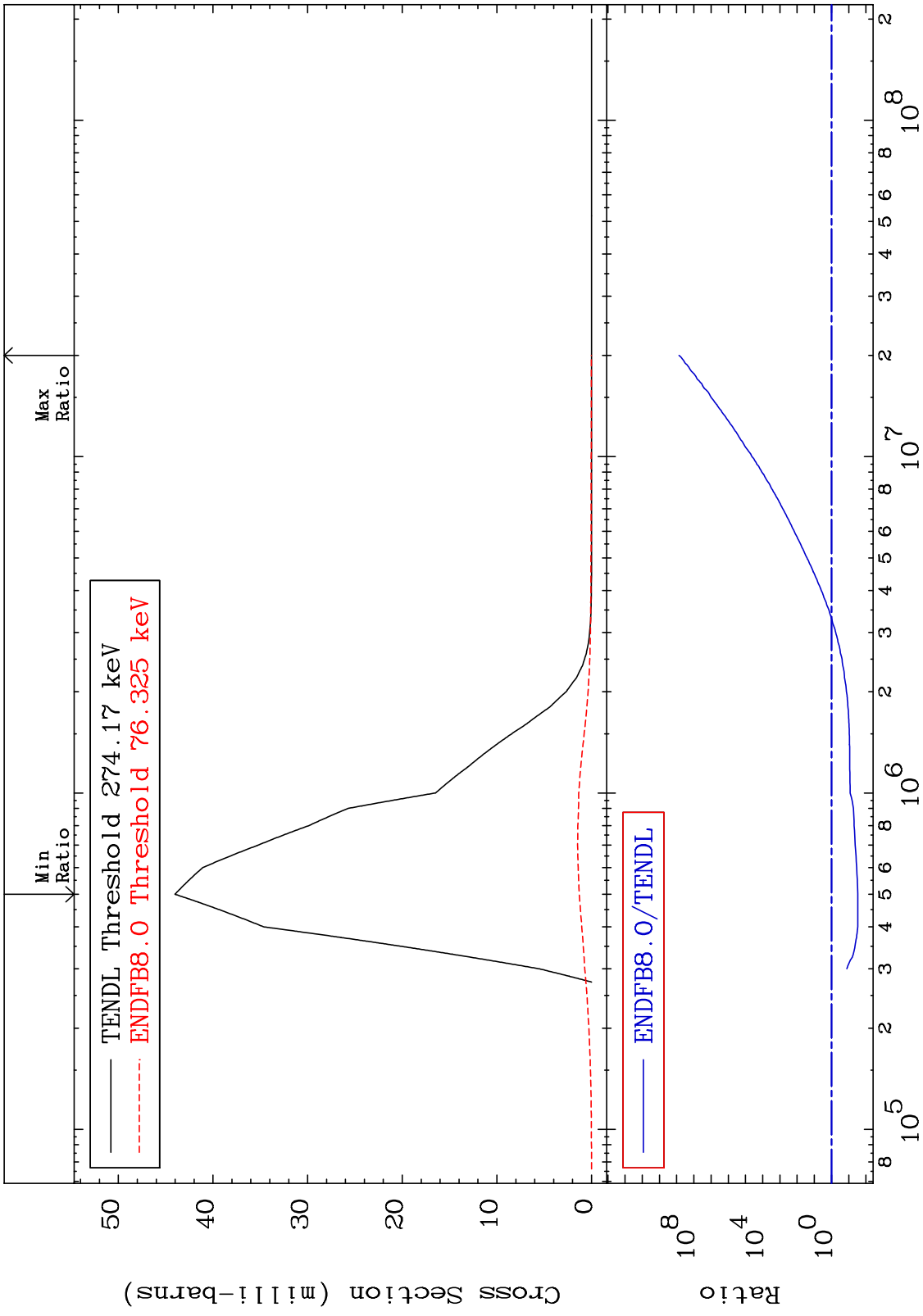
MAT 9343

MT= 52 (n,n') Level
Cross Section

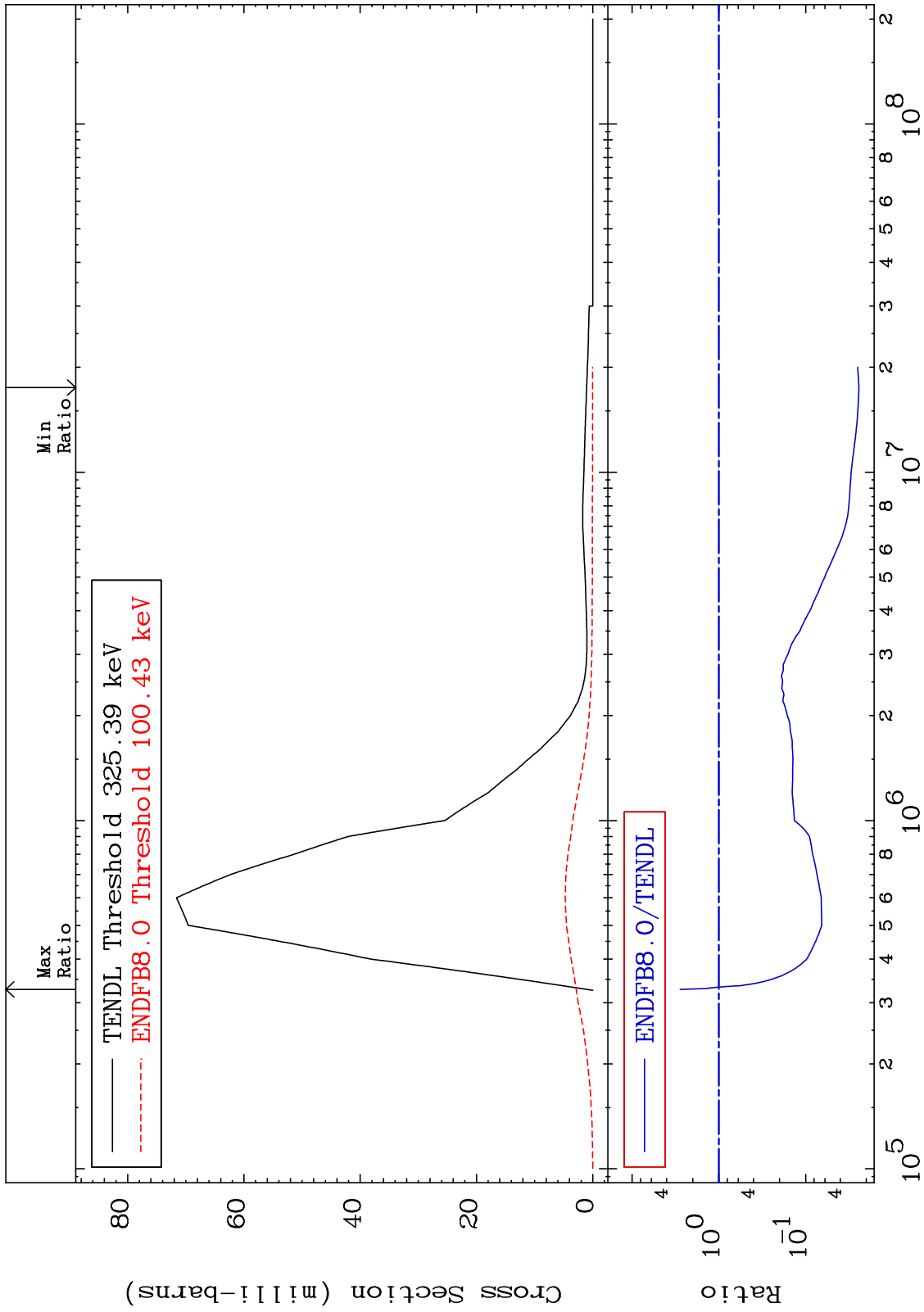
93-Np-236
-99.90 To -96.76%



MAT 9343 MT= 53 (n,n') Level Cross Section 93-Np-236
 -97.05 To 9999. %

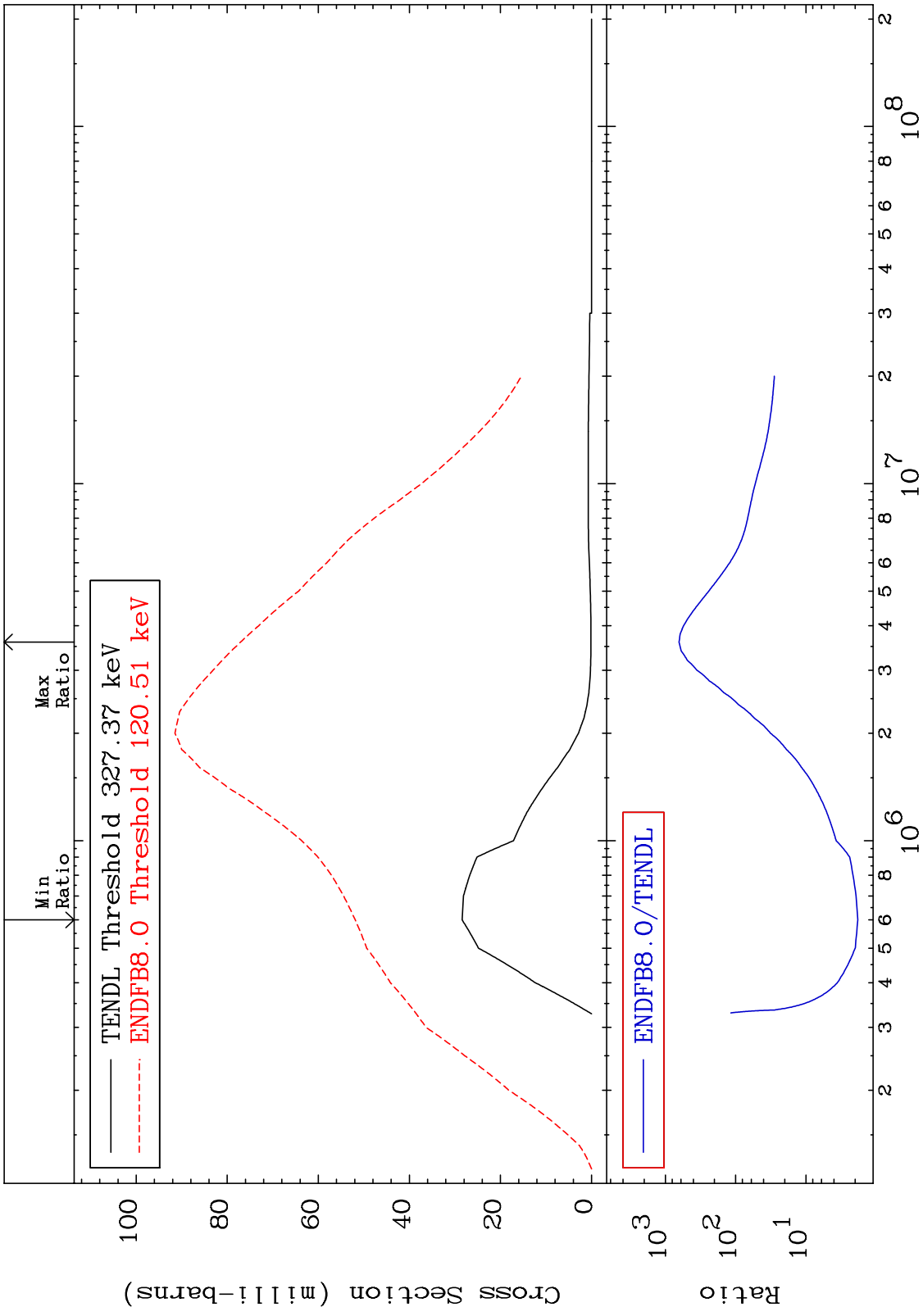


MAT 9343 MT= 54 (n,n') Level Cross Section 93-Np-236
 -97.56 To 179.3 %



15 93-Np-236

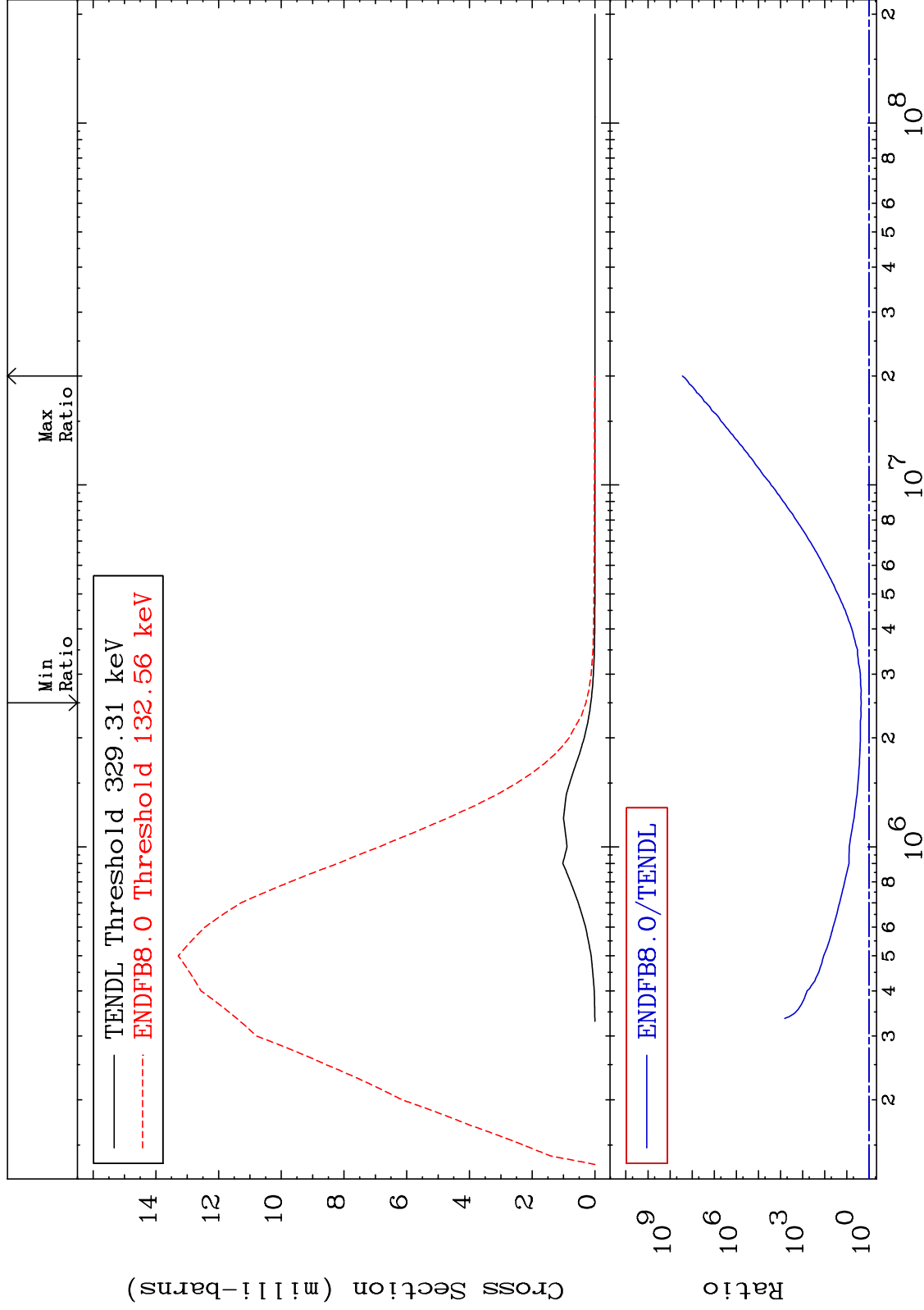
MAT 9343 MT= 55 (n,n') Level Cross Section 93-Np-236 82.60 To 9999. %



MAT 9343

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

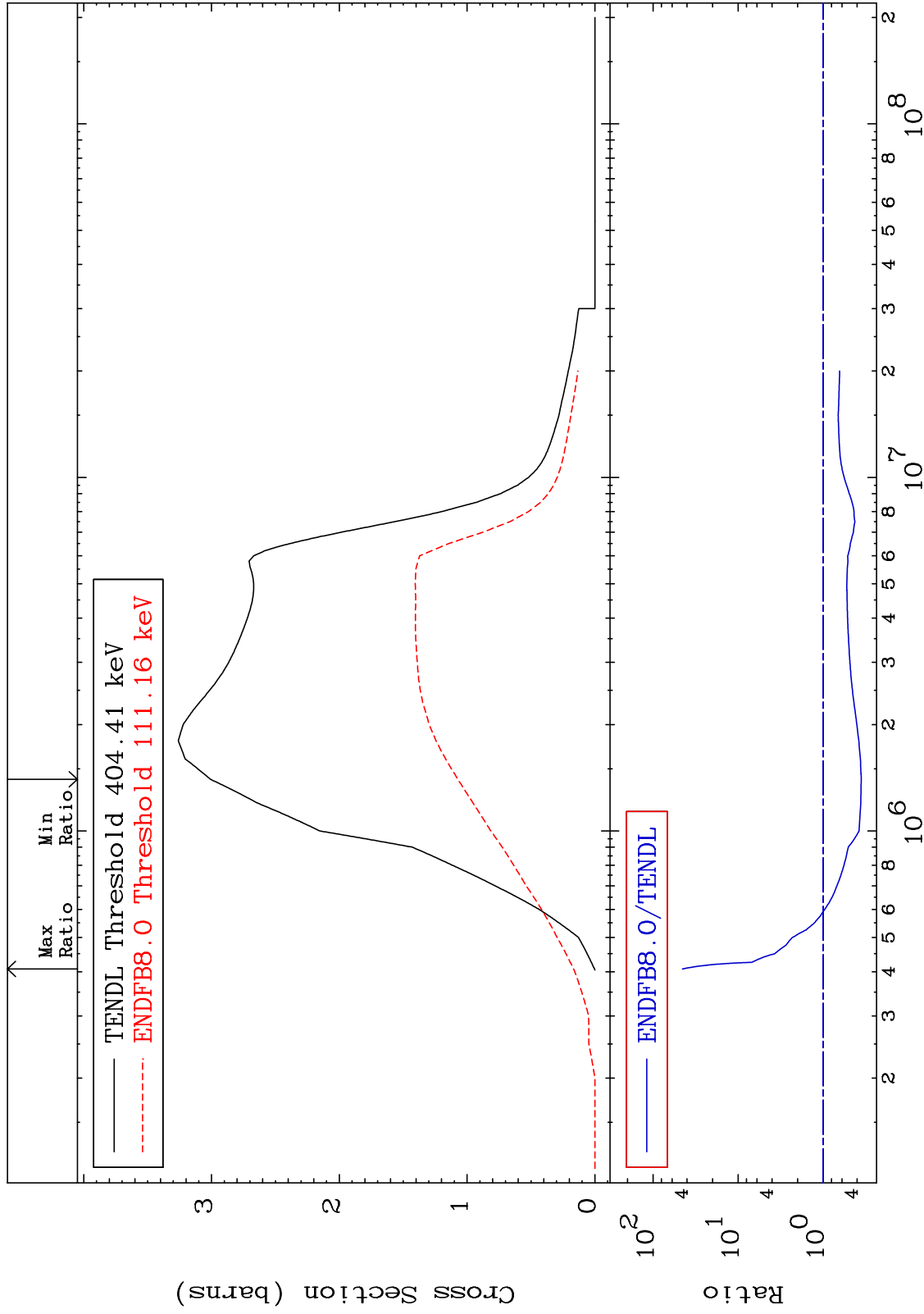
93-Np-236
120.3 To 9999. %



MAT 9343

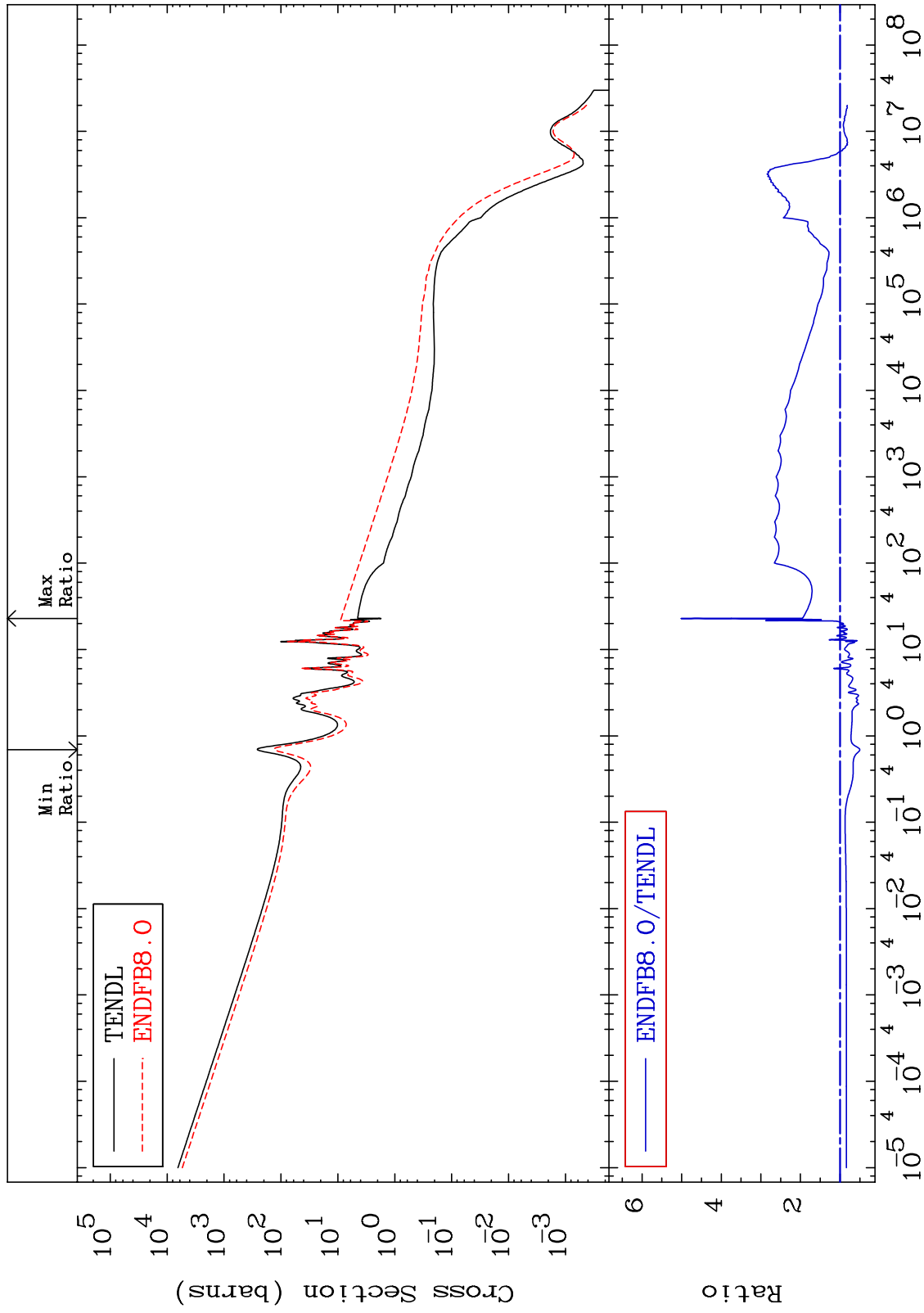
(n, n') Continuum
Cross Section

93-Np-236
-64.36 To 4421. %

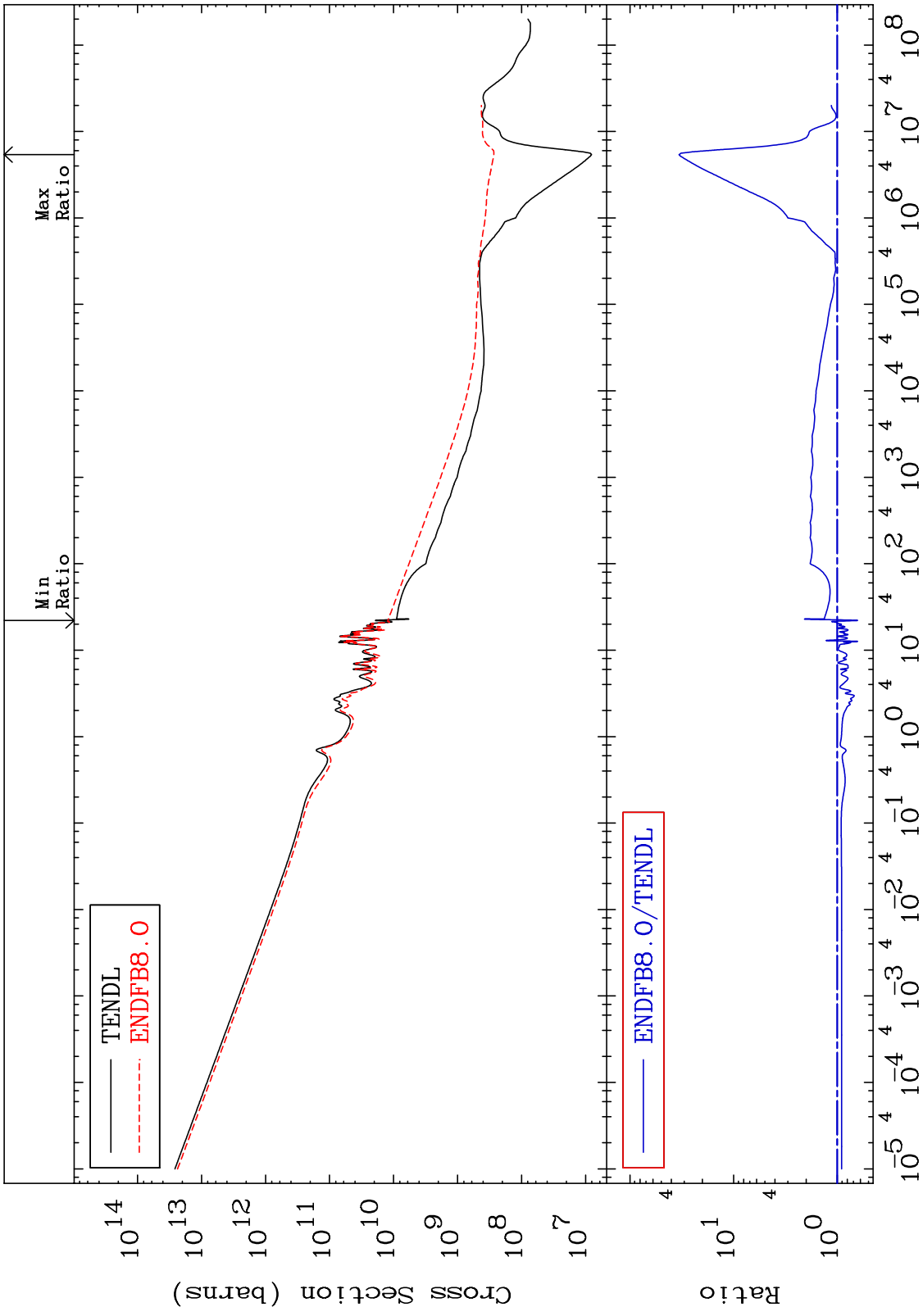


MAT 9343

(n, γ) Cross Section
93-Np-236
-49.75 To 401.0 %



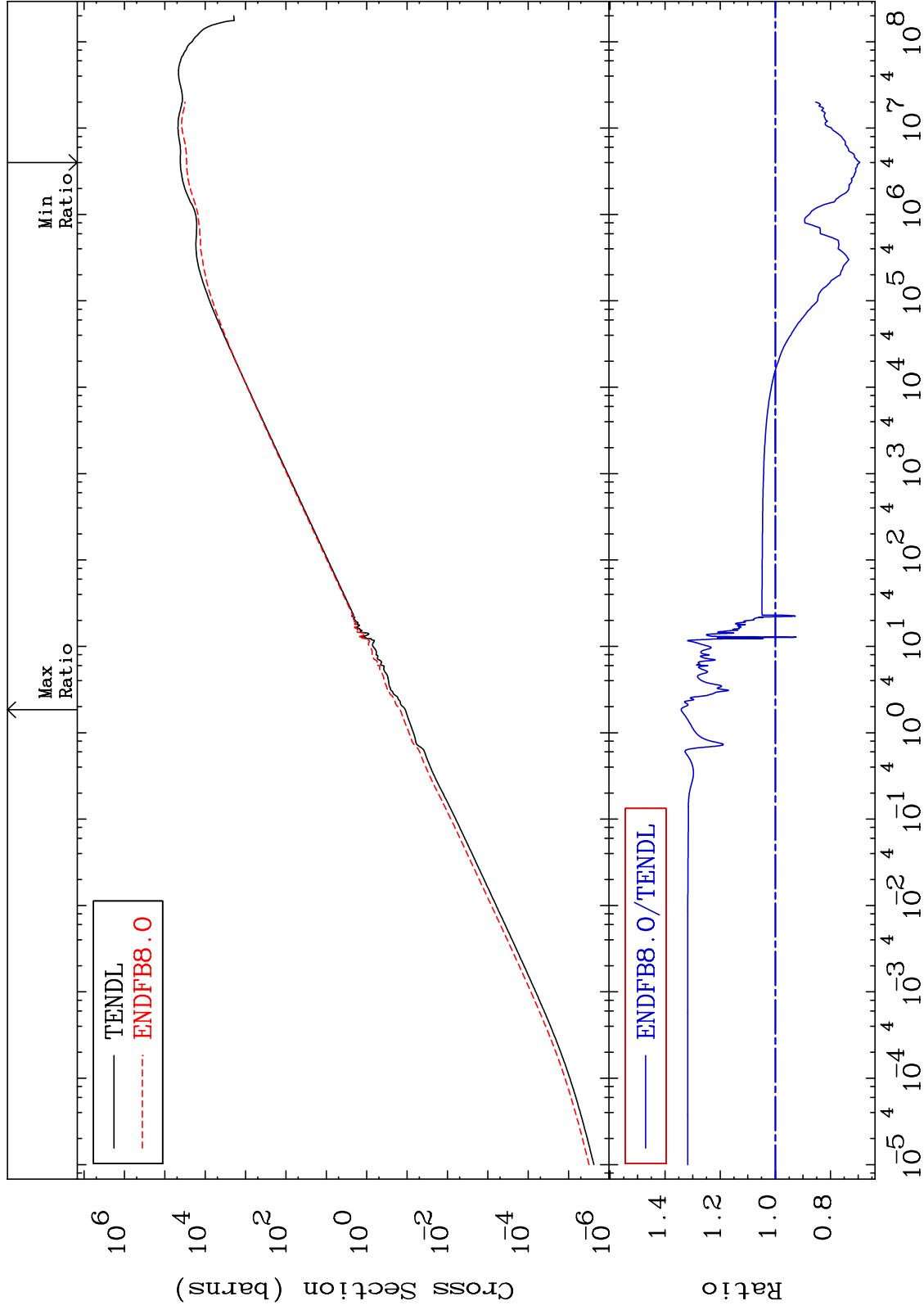
MAT 9343 Kerma total (eV-barns) Cross Section 93-Np-236 -36.59 To 3262. %



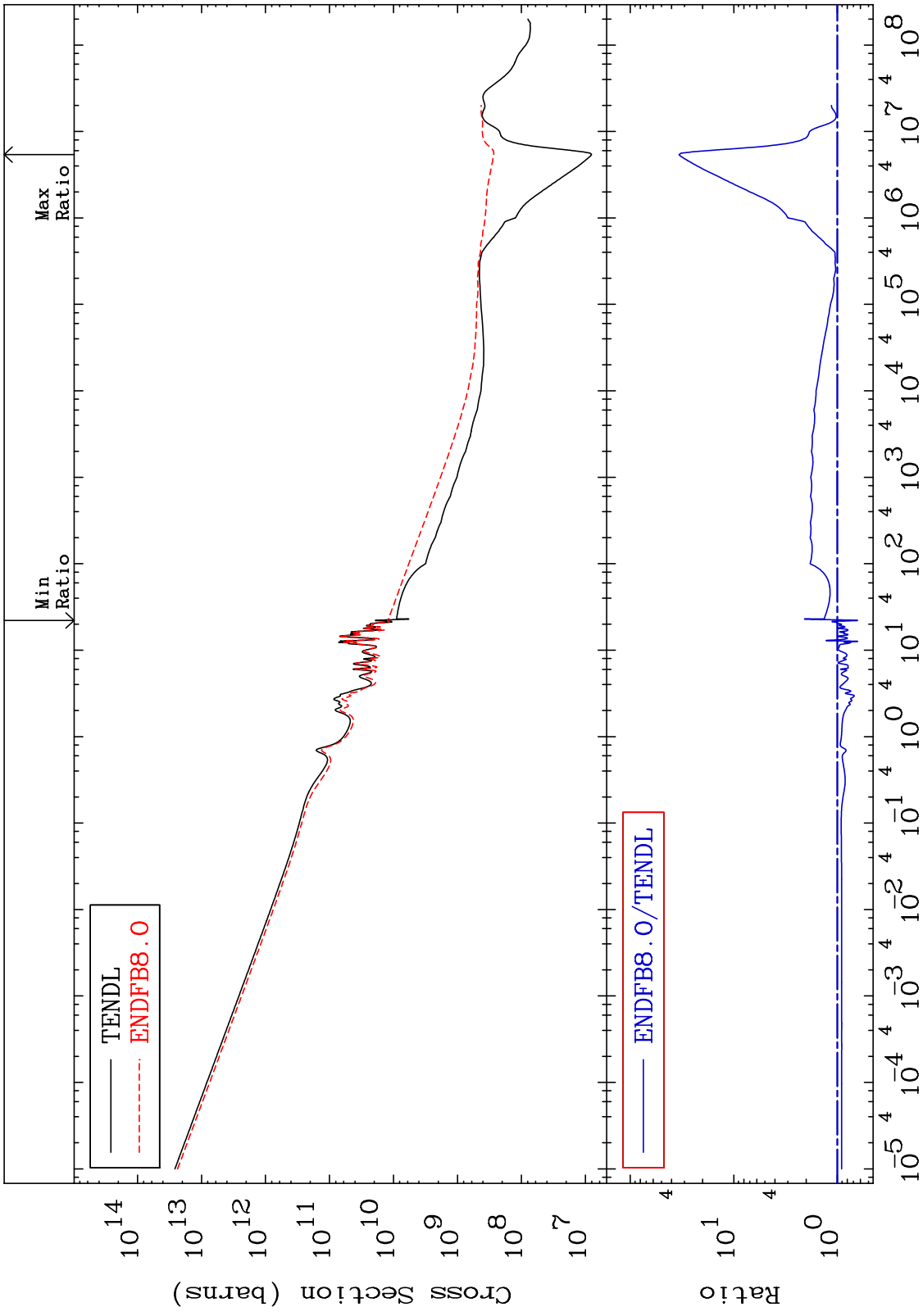
MAT 9343

Kerma elastic
Cross Section

93-Np-236
-30.61 To 34.13 %



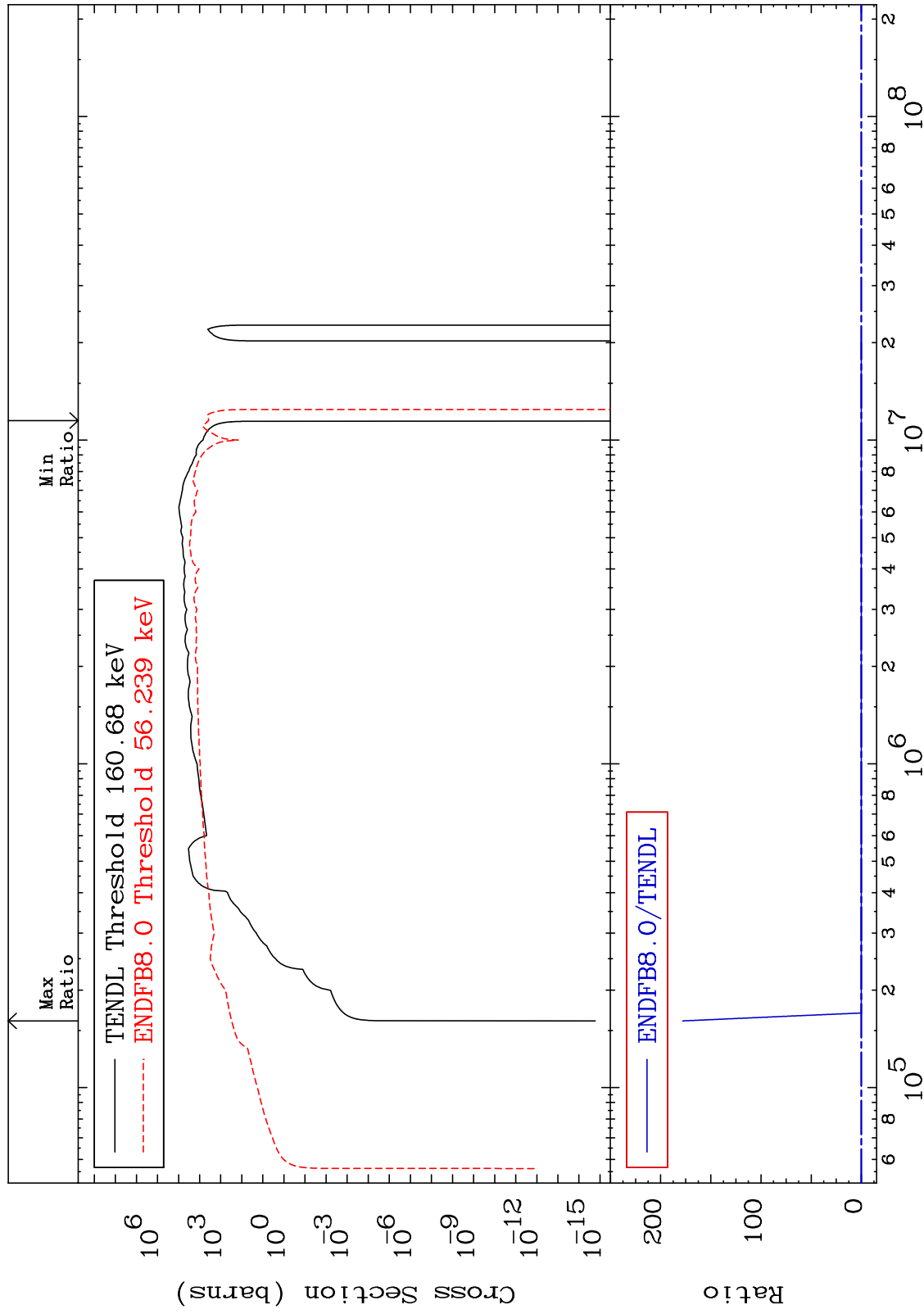
MAT 9343 Kerma non-elastic (all but mt2) 93-Np-236
 Cross Section -36.59 To 3279. %



MAT 9343

Kerma inelastic (mt51-91)
Cross Section

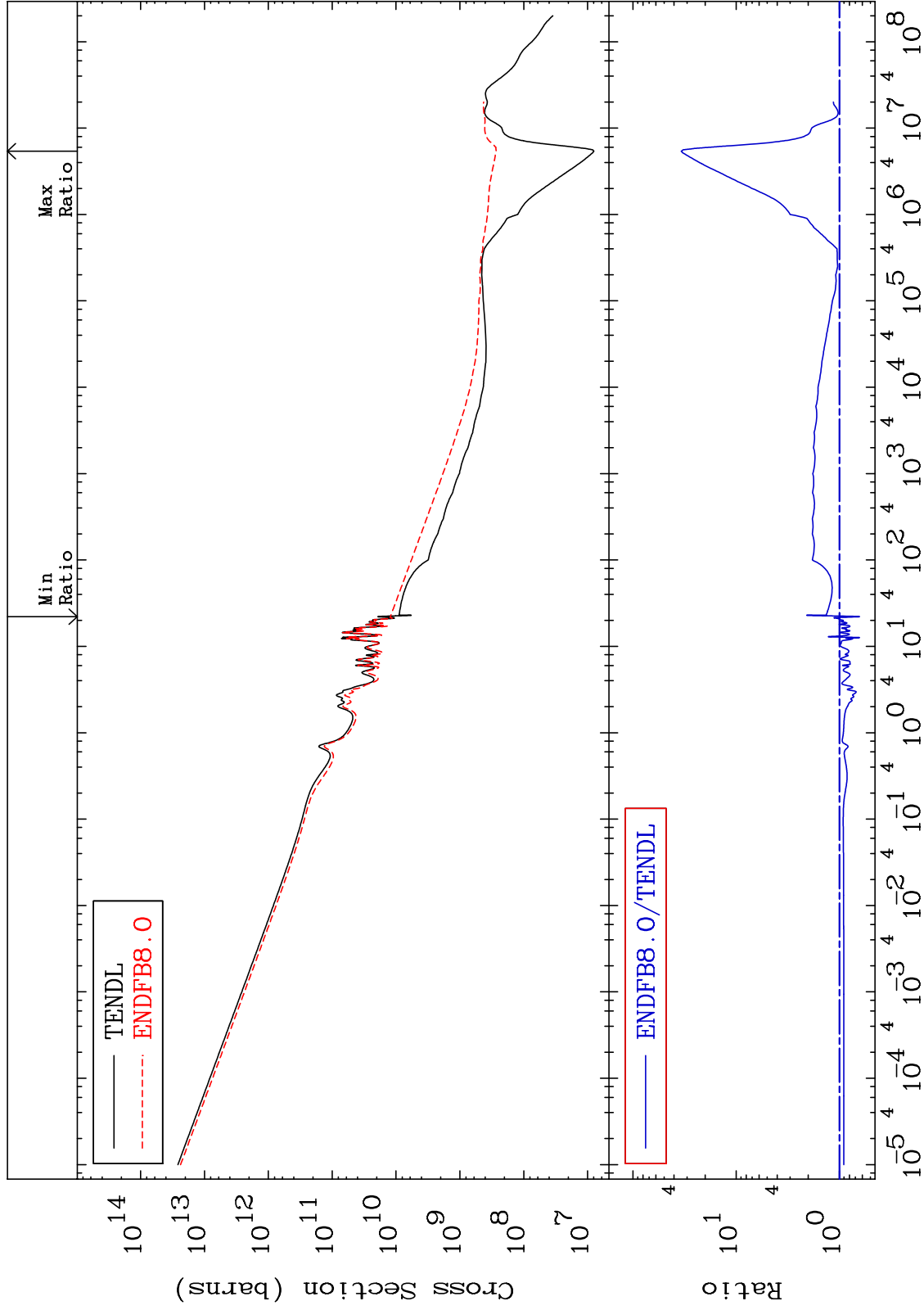
93-Np-236
-1291. To 9999. %



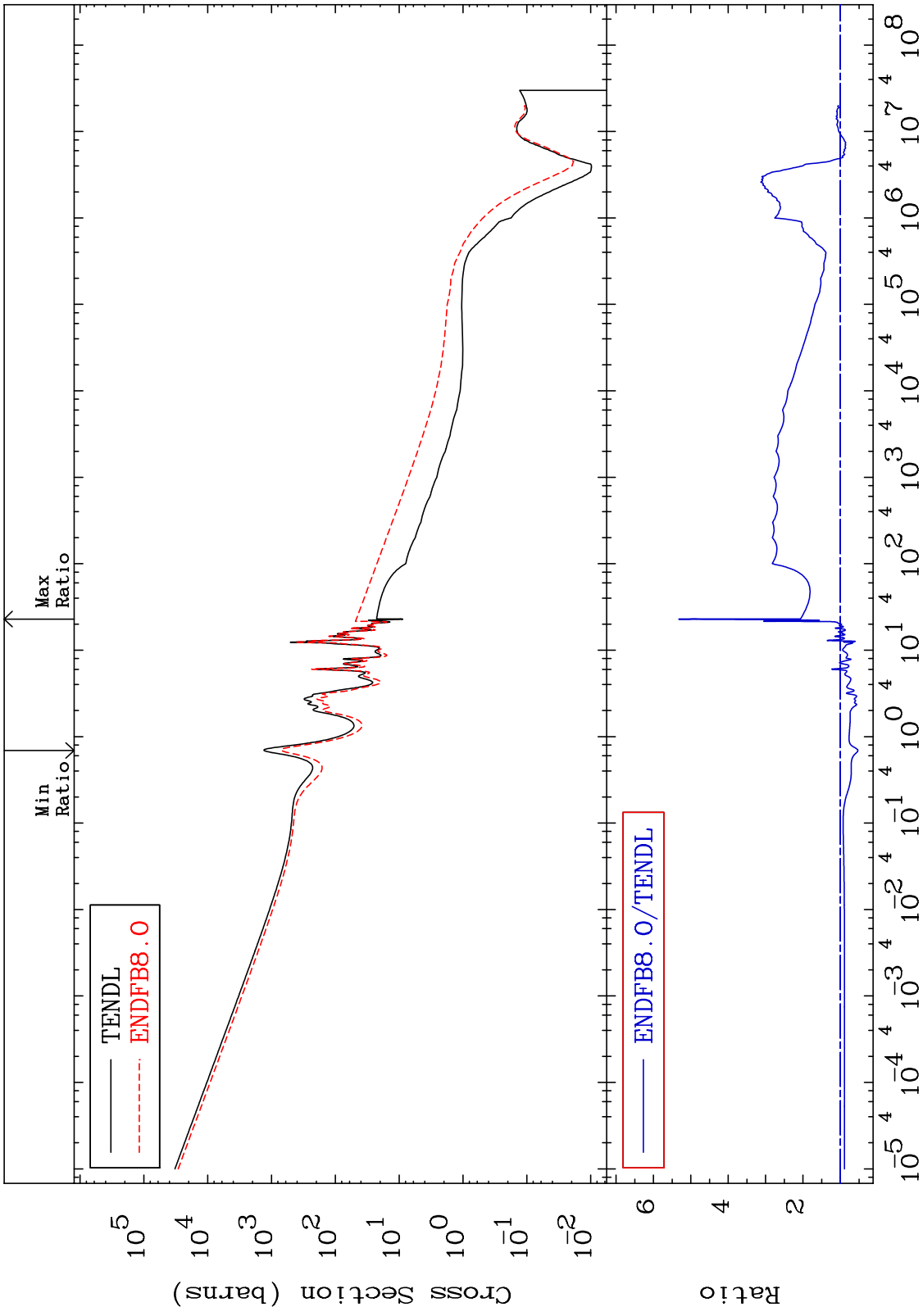
MAT 9343

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

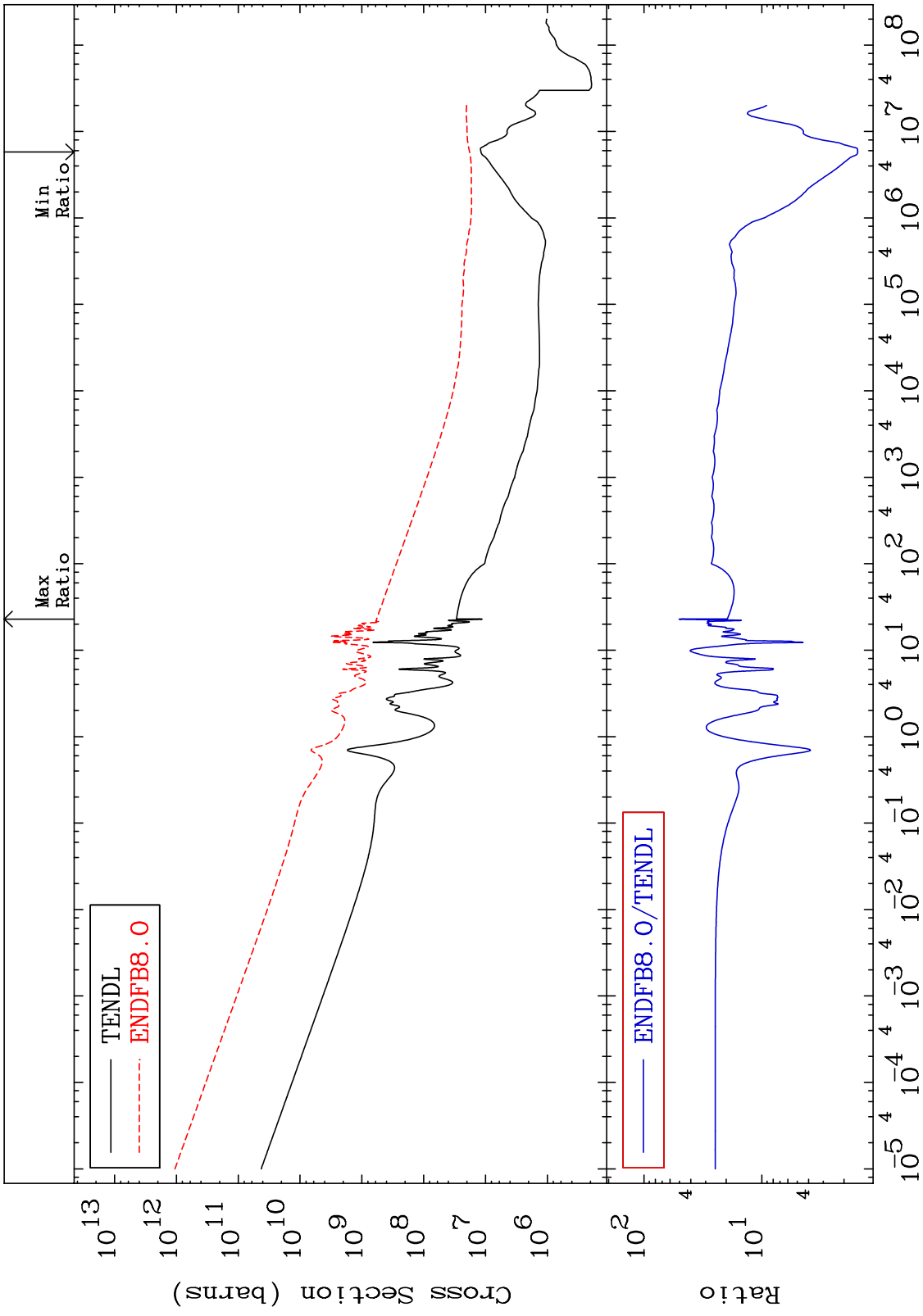
93-Np-236
-36.59 To 3308. %



MAT 9343 Kerma capture (mt102) 93-Np-236
 Cross Section -46.68 To 431.6 %



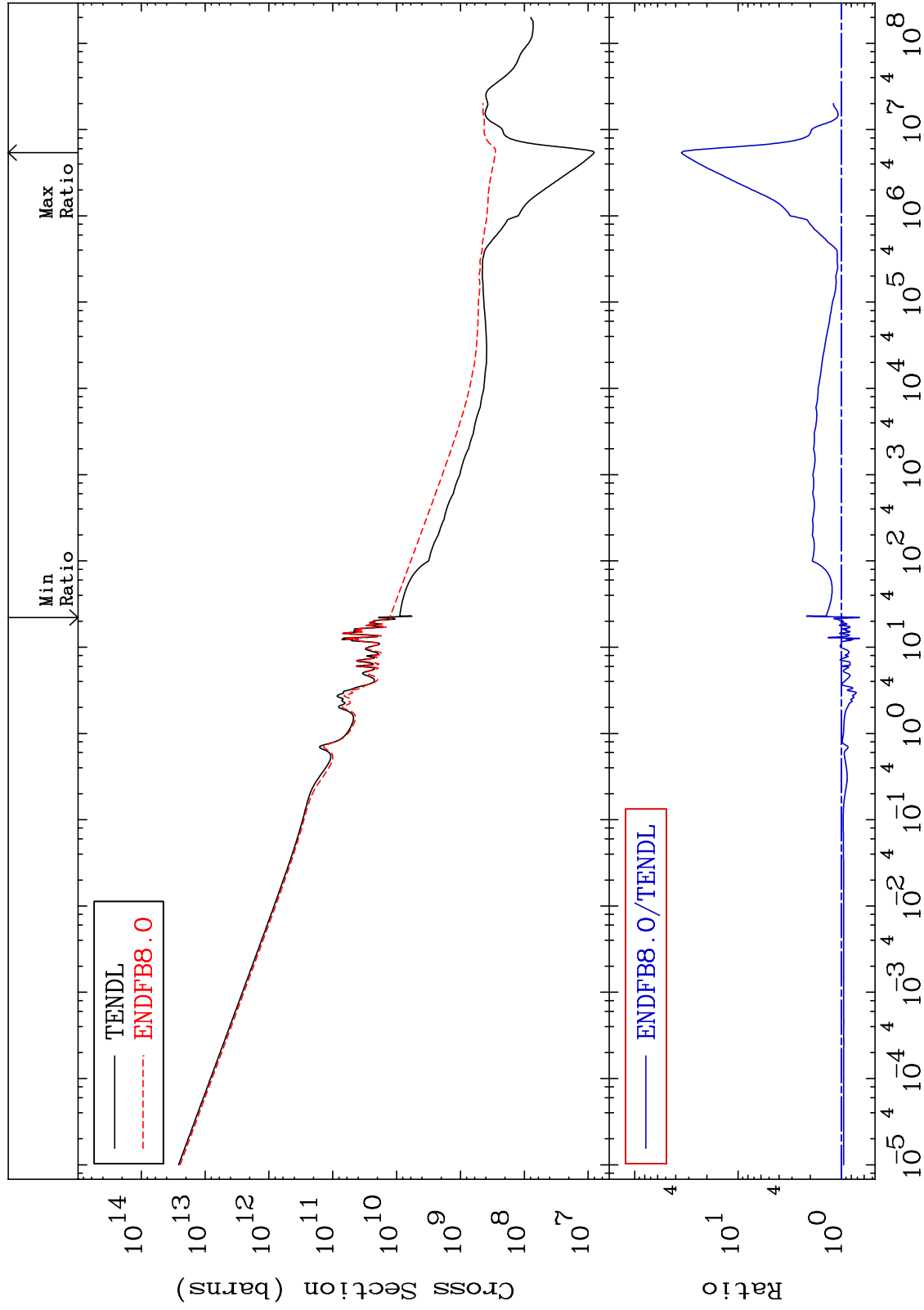
MAT 9343 93-Np-236
 Total photon (eV-barns) 52.70 To 4936. %
 Cross Section



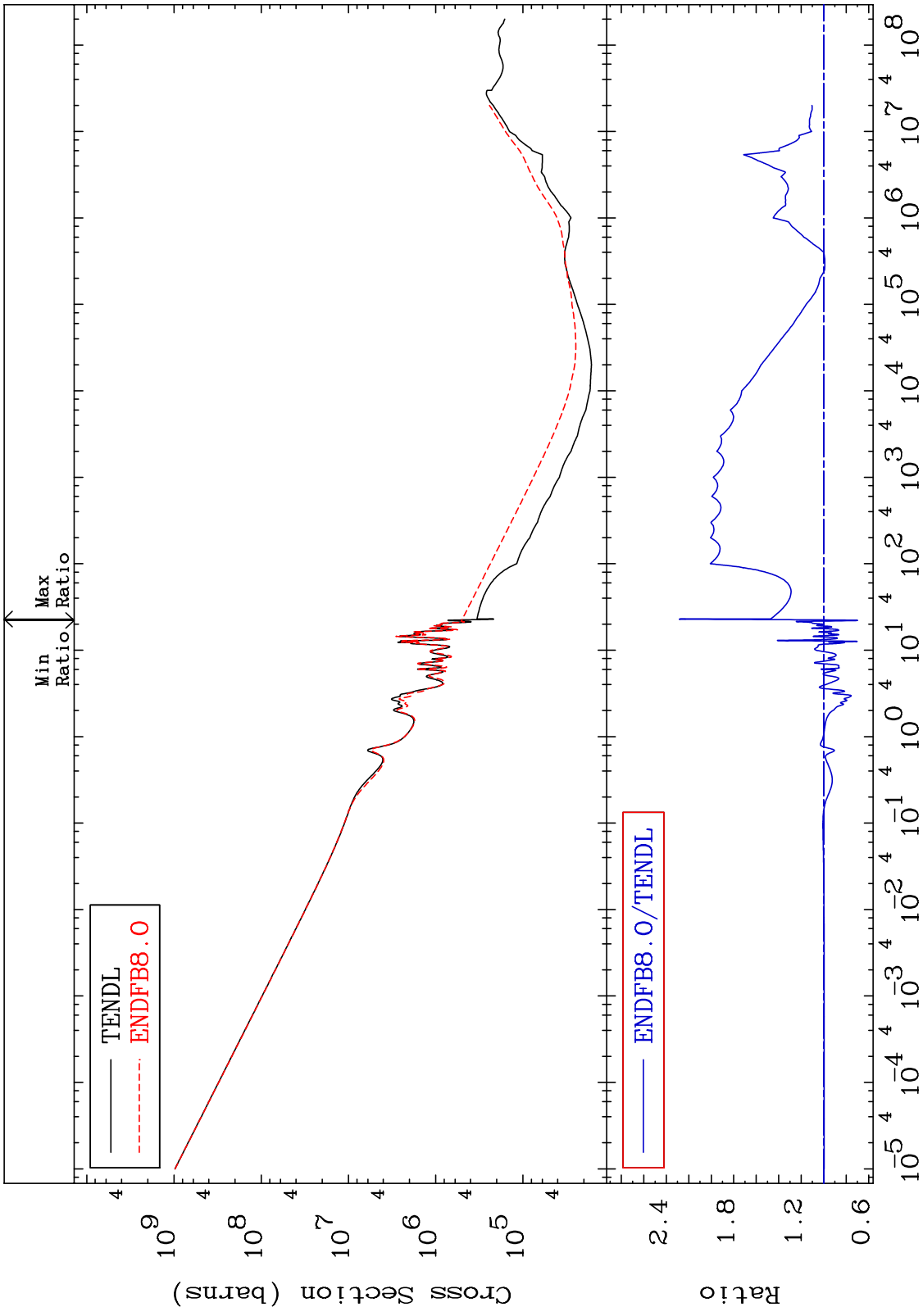
MAT 9343

Total kinematic kerma (high limit)
Cross Section

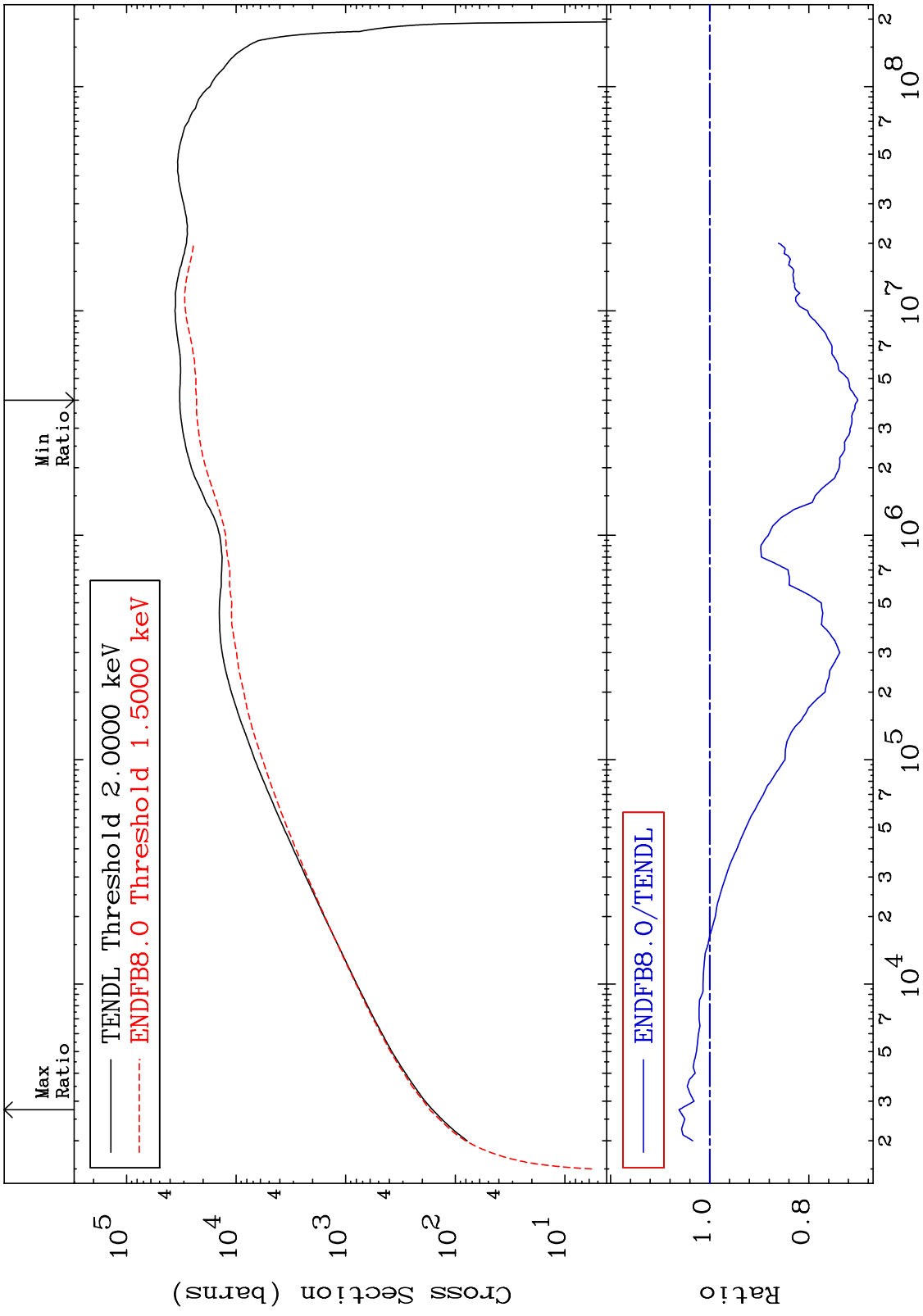
93-Np-236
-33.84 To 3425. %



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



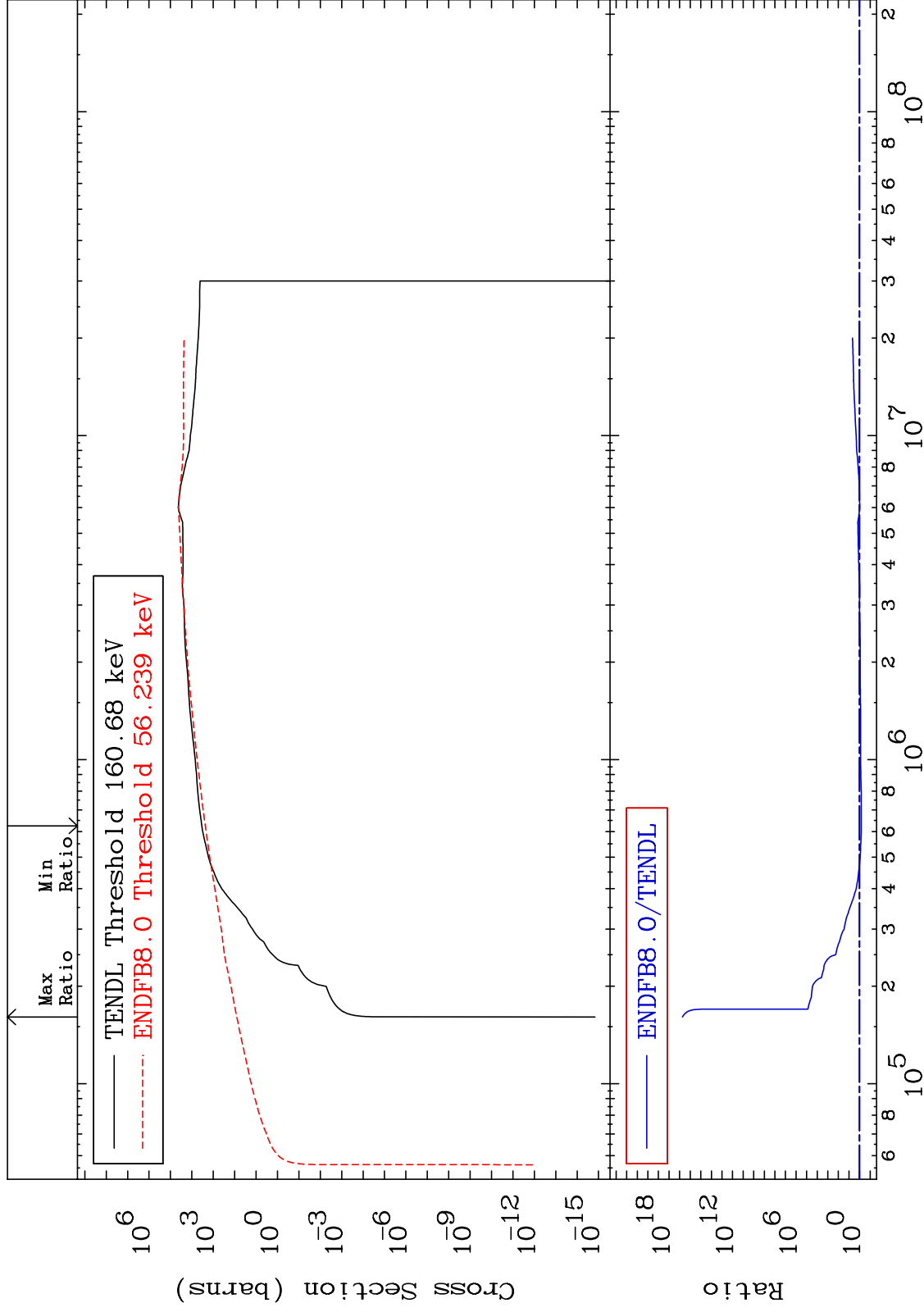
MAT 9343 93-Np-236
 Dpa elastic (mt2) -29.89 To 6.184 %
 Cross Section



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 %

