

Program Complot  
(Version 2018-1)

by

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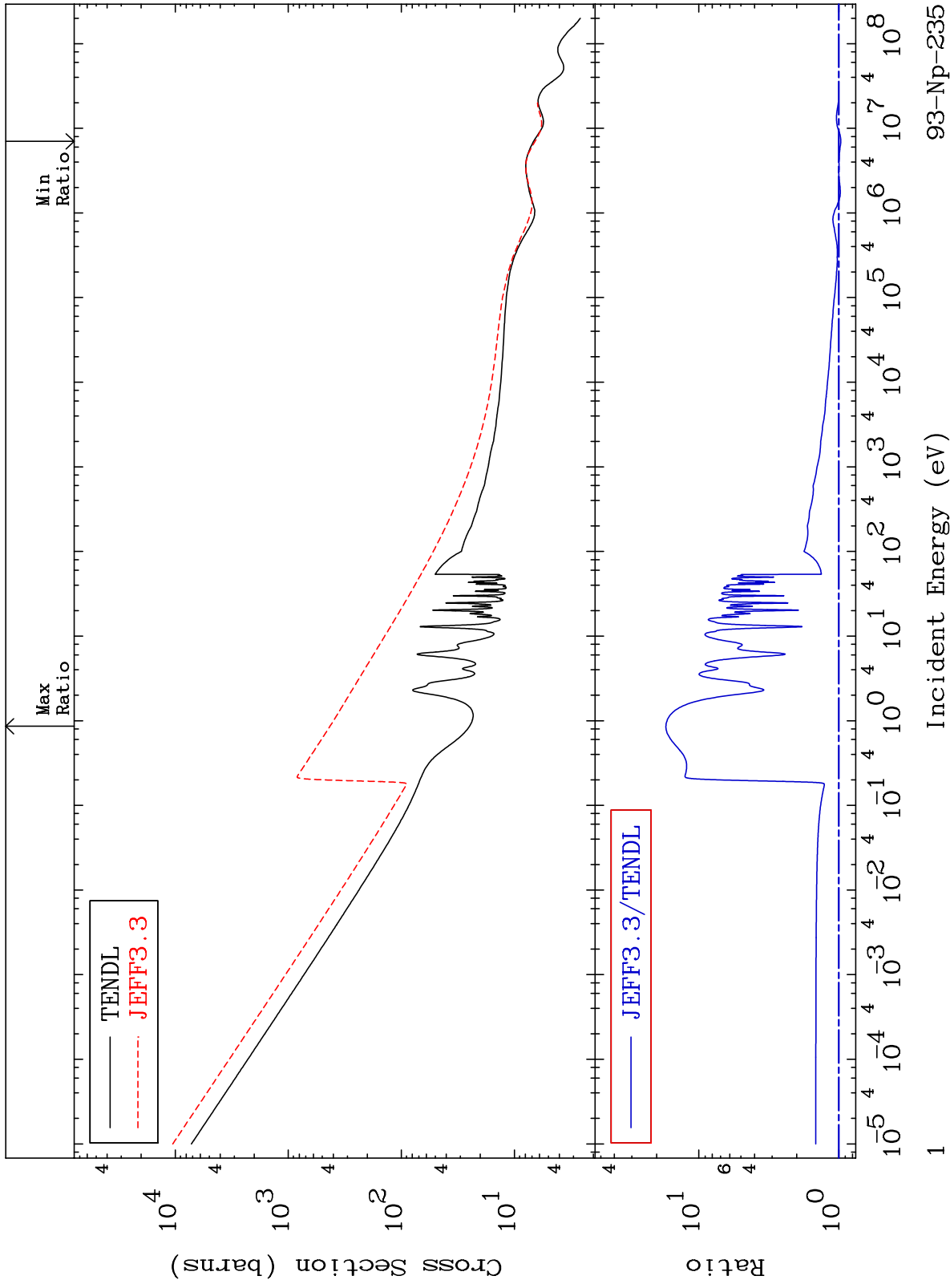
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 9340

Total  
Cross Section

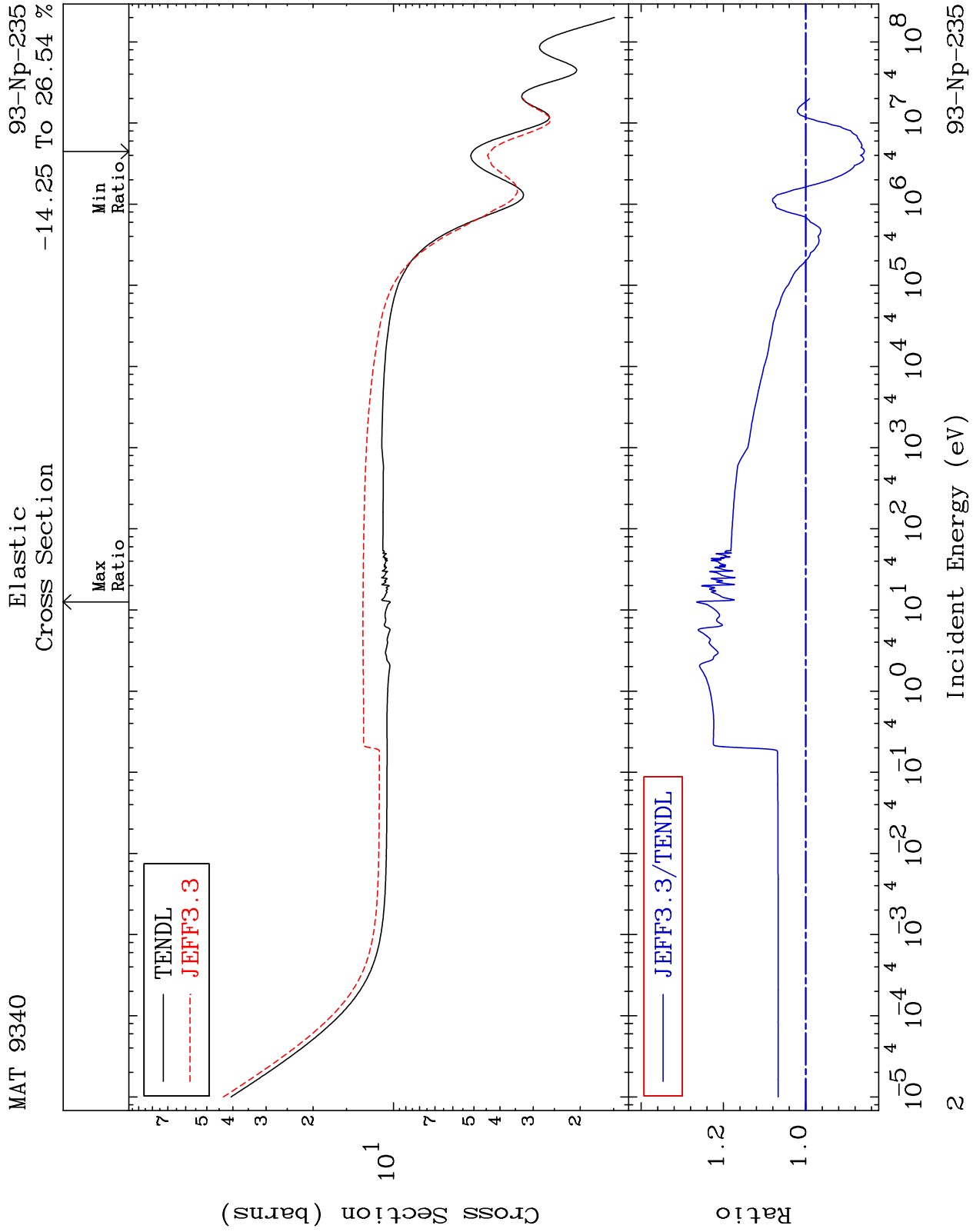
93-Np-235  
-3.029 To 1616. %



93-Np-235

Incident Energy (eV)

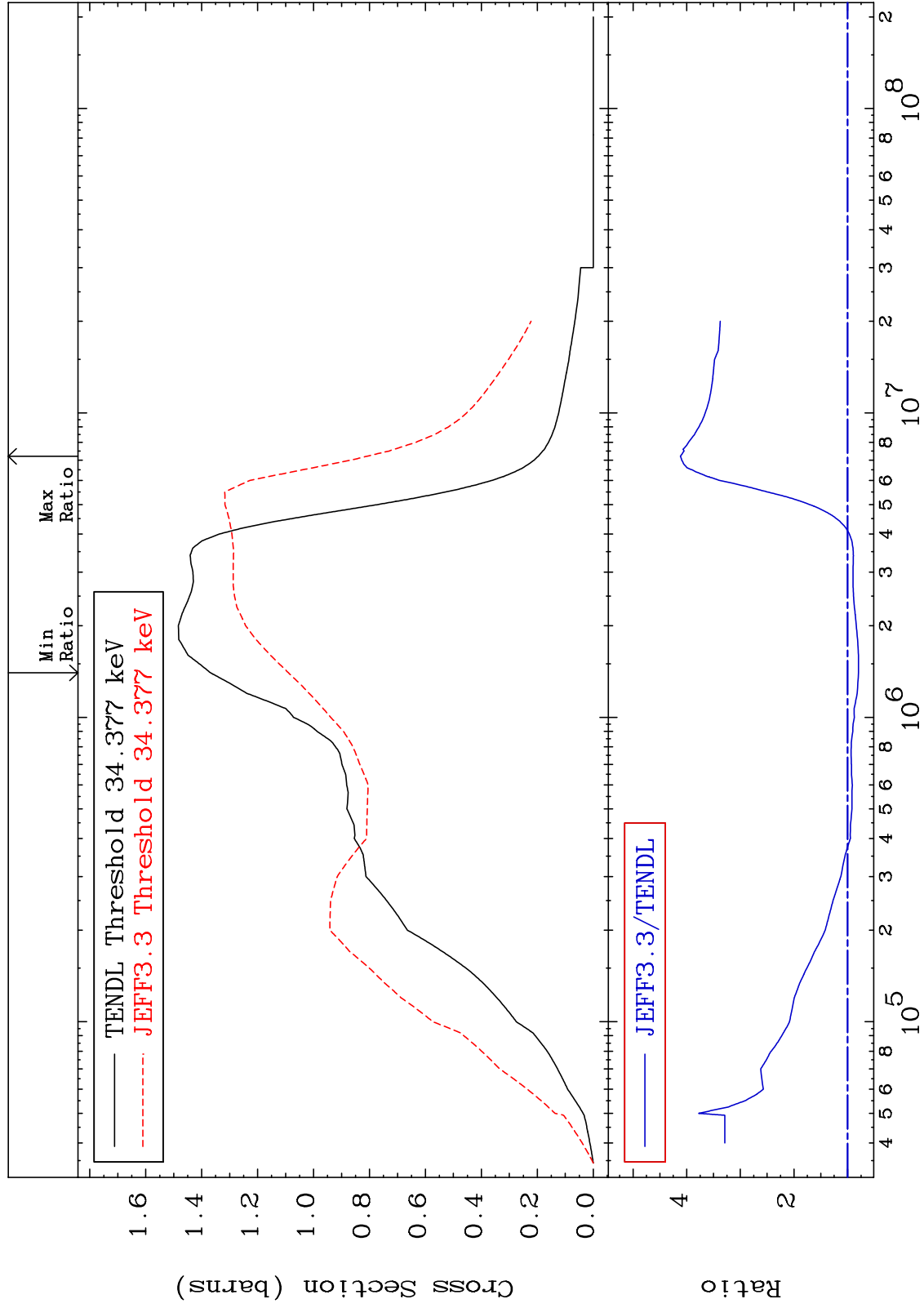
1



MAT 9340

93-Np-235  
-20.36 To 311.6 %

Inelastic  
Cross Section

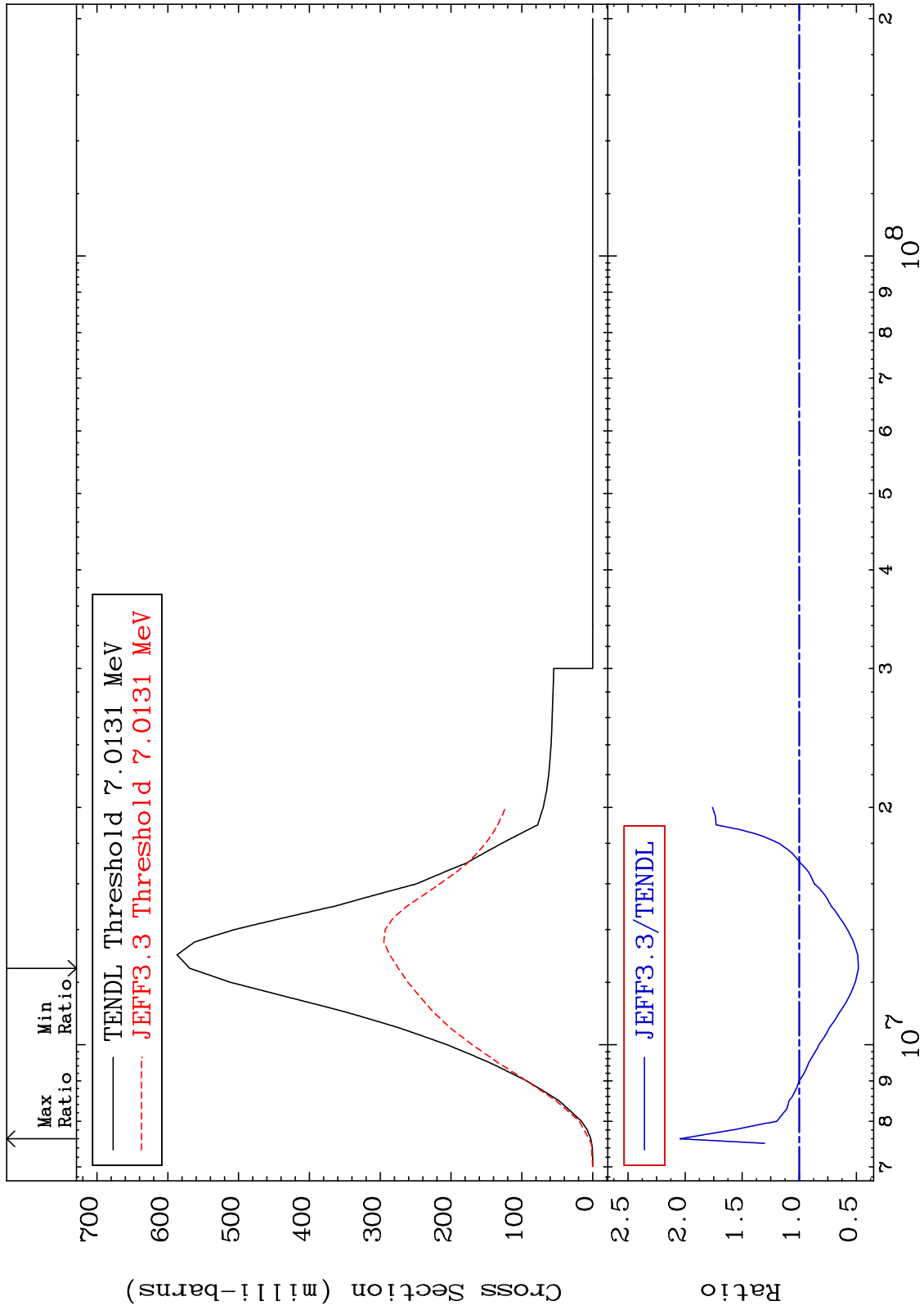


93-Np-235

Incident Energy (eV)

3

MAT 9340 (n,2n) Cross Section 93-Np-235 -51.80 To 104.5 %



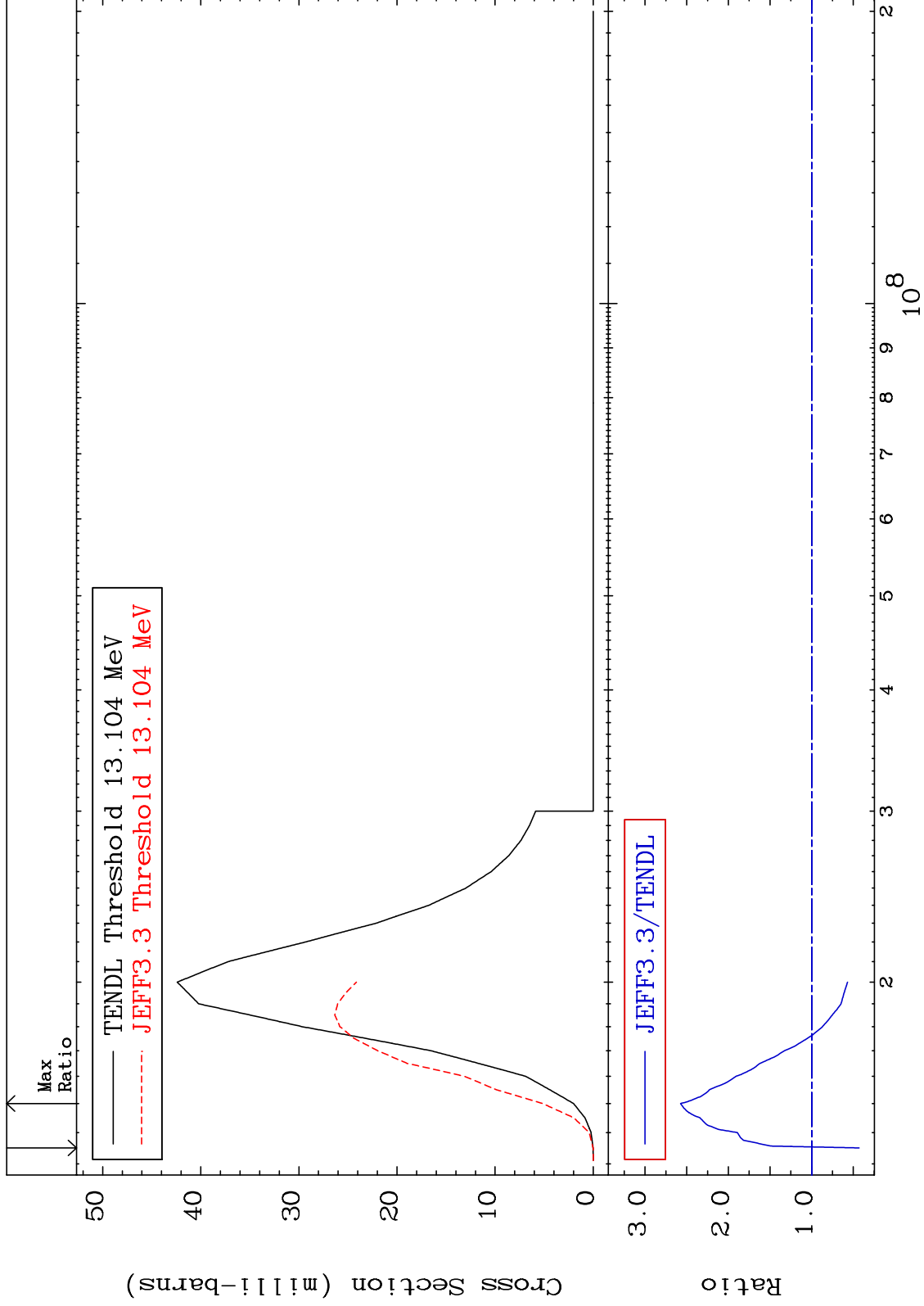
MAT 9340

(n, 3n)

<sup>93</sup>Np-235

Cross Section

-57.03 To 157.3 %



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Incident Energy (eV)

<sup>93</sup>Np-235

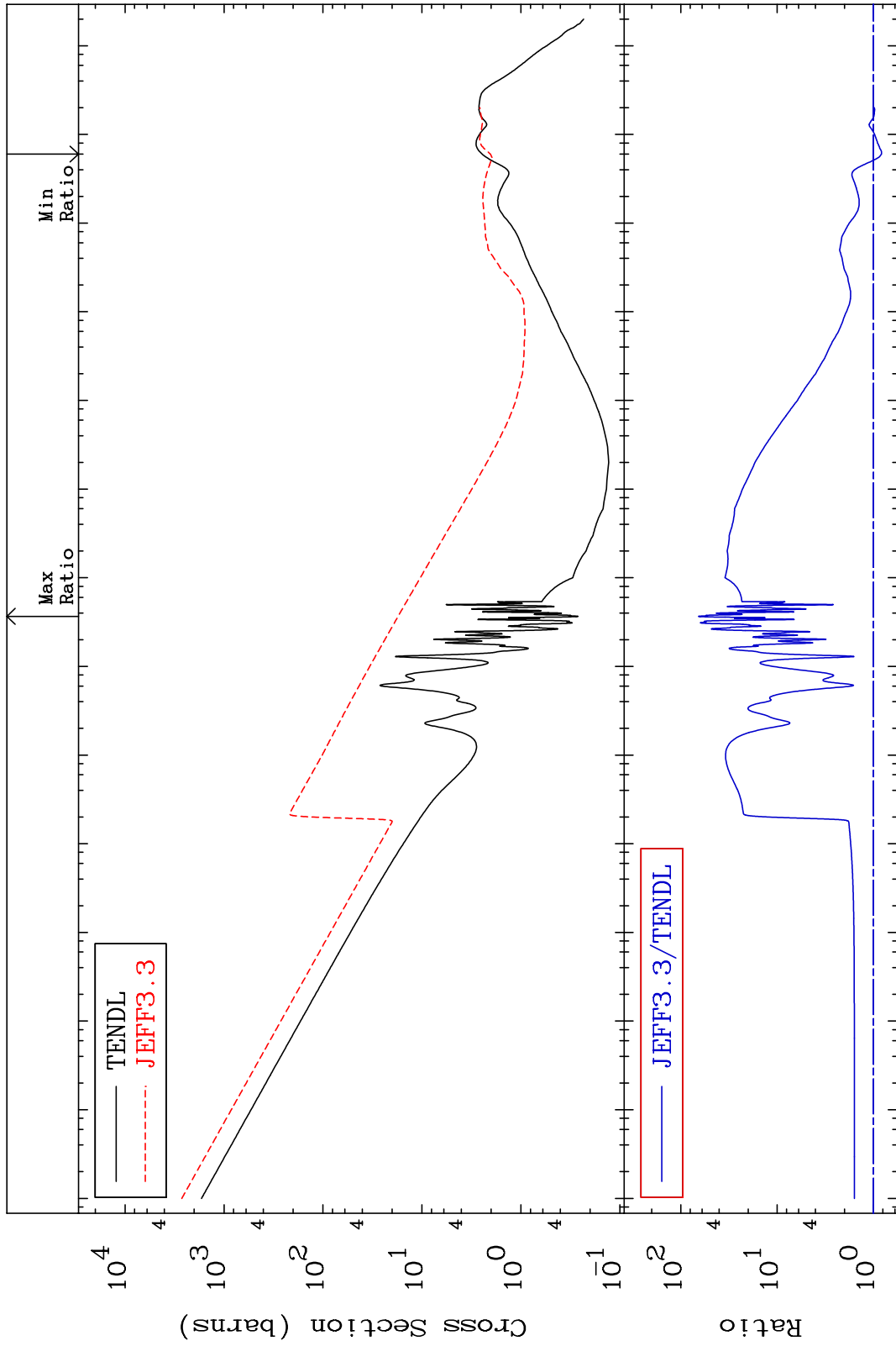
MAT 9340

Fission

93-Np-235

Cross Section

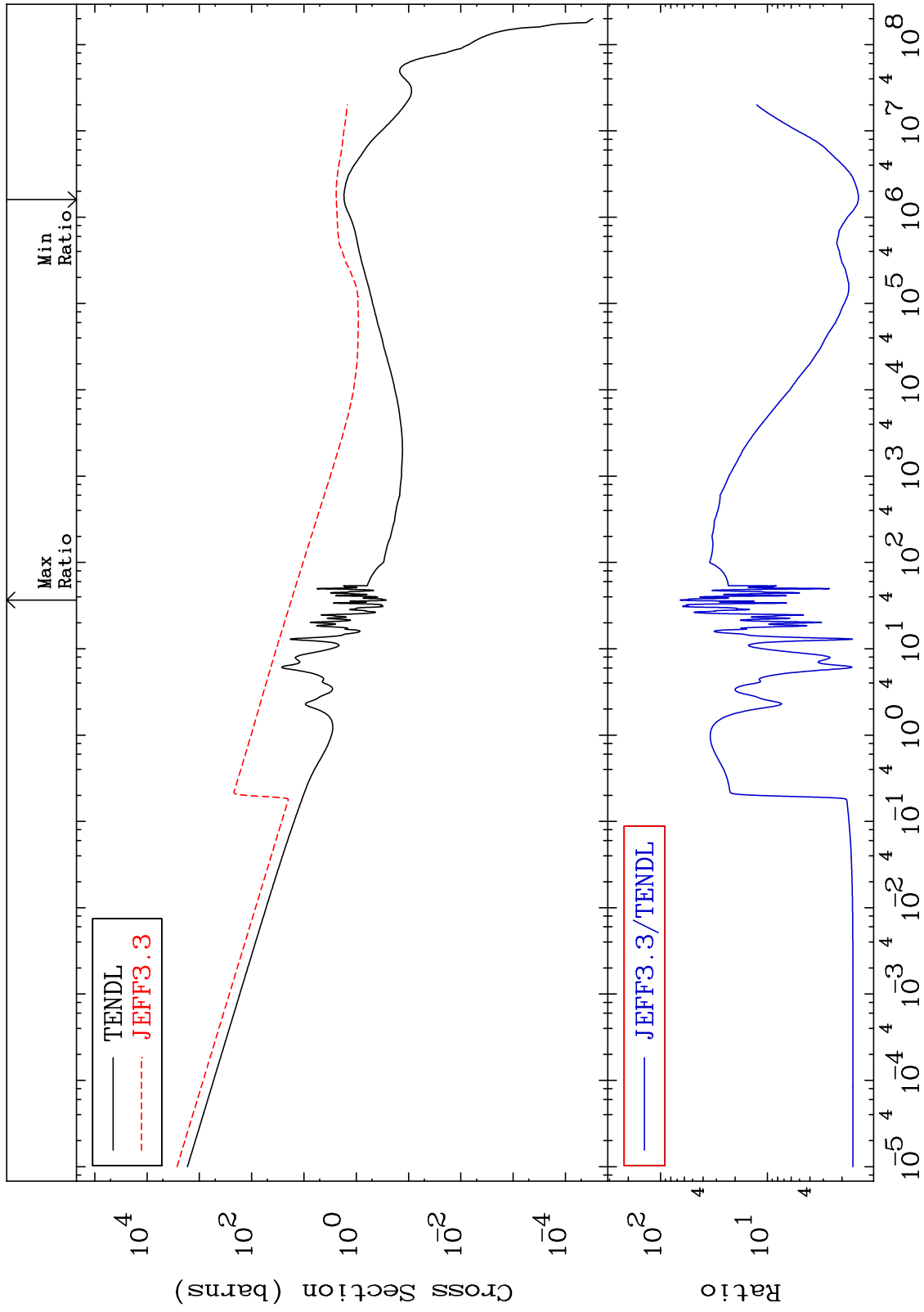
-17.46 To 6470. %



MAT 9340

(n,f) First Chance  
Cross Section

93-Np-235  
40.70 To 6470. %



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Incident Energy (eV)

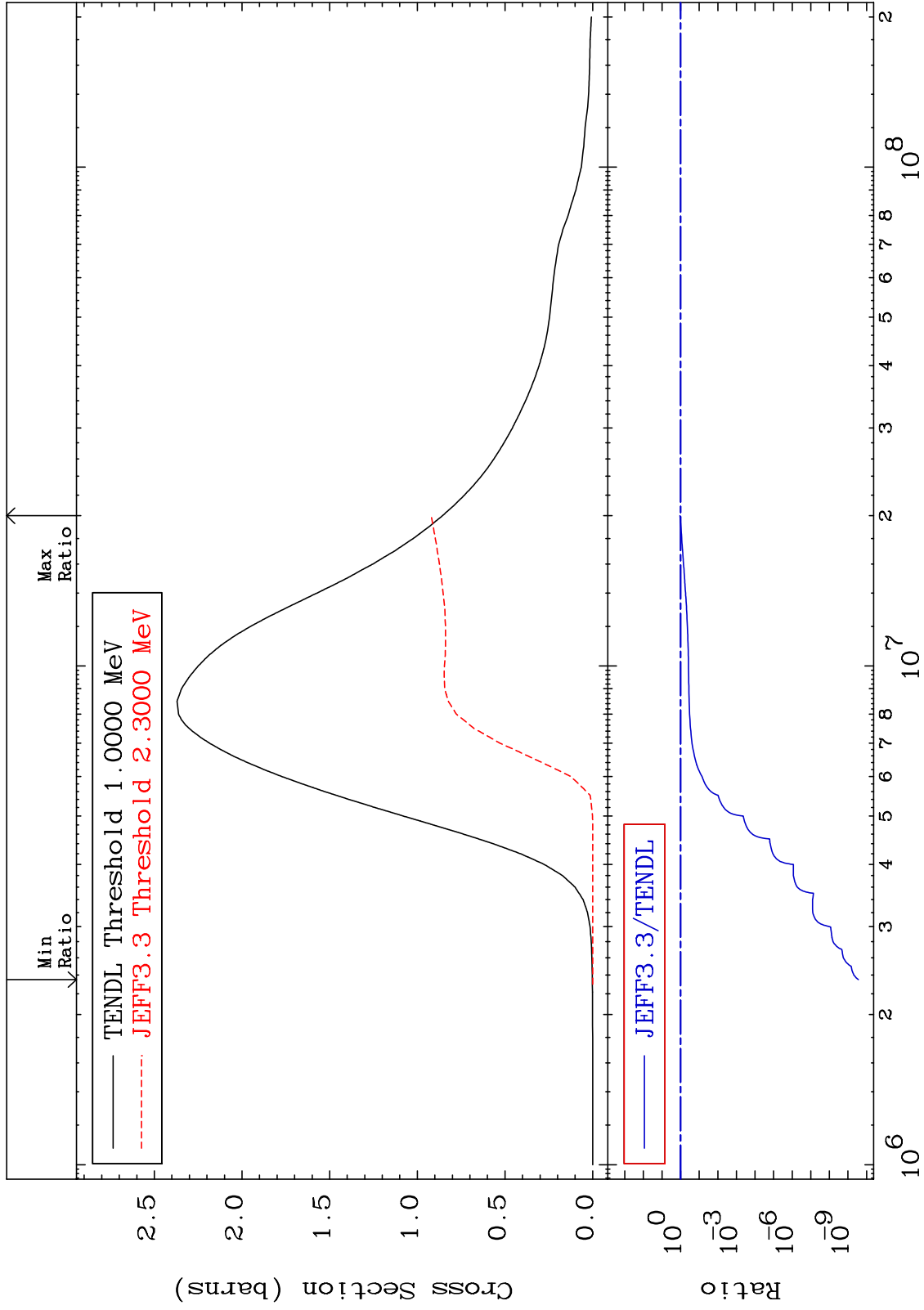
93-Np-235



MAT 9340

(n, nf) Second Chance  
Cross Section

93-Np-235  
-100.0 To 7.538 %



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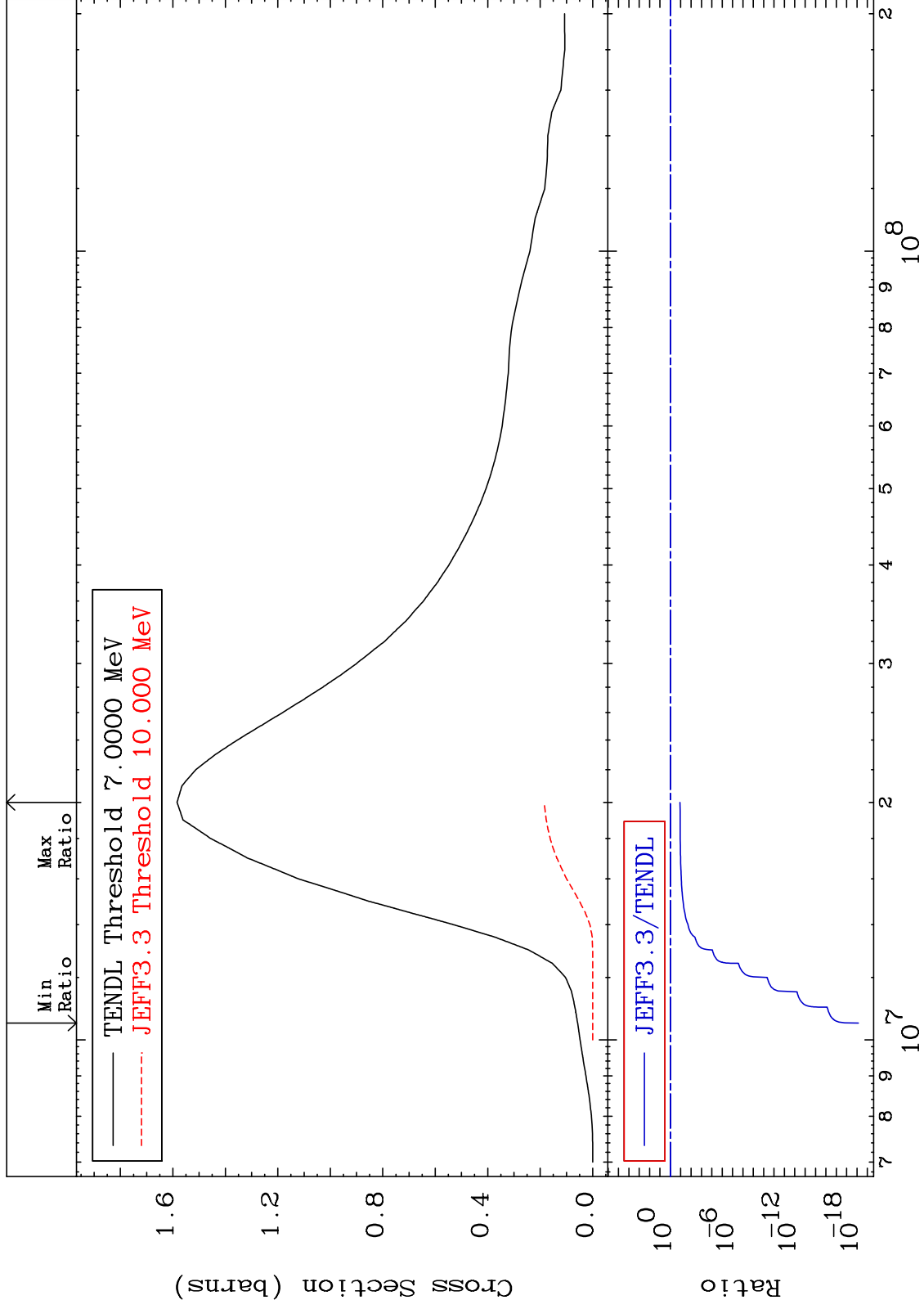
Incident Energy (eV)

93-Np-235

MAT 9340

(n,2nf) Third Chance  
Cross Section

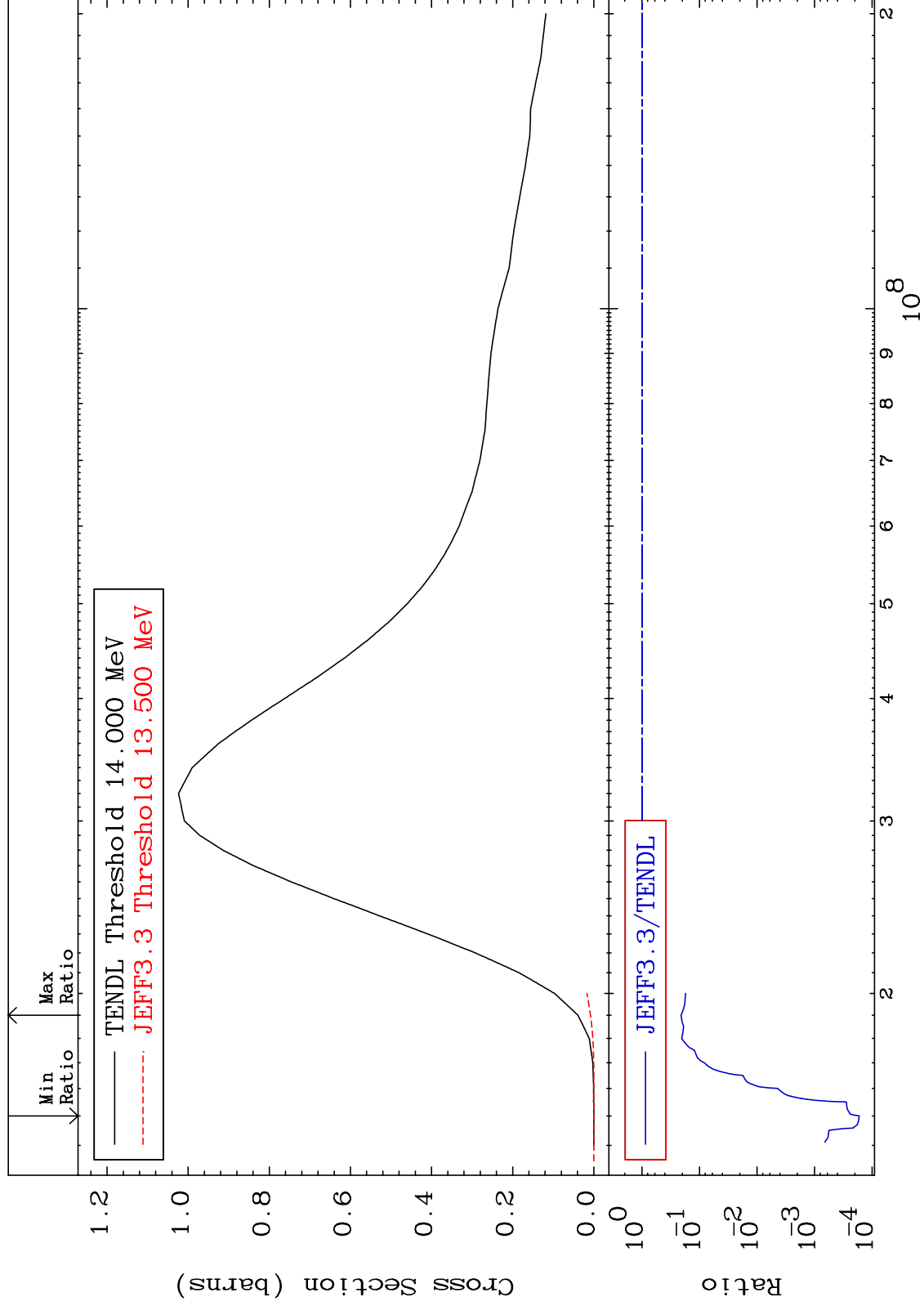
93-Np-235  
-100.0 To -88.35%



MAT 9340

(n,3nf) Fourth Chance  
Cross Section

93-Np-235  
-99.98 To -79.01%



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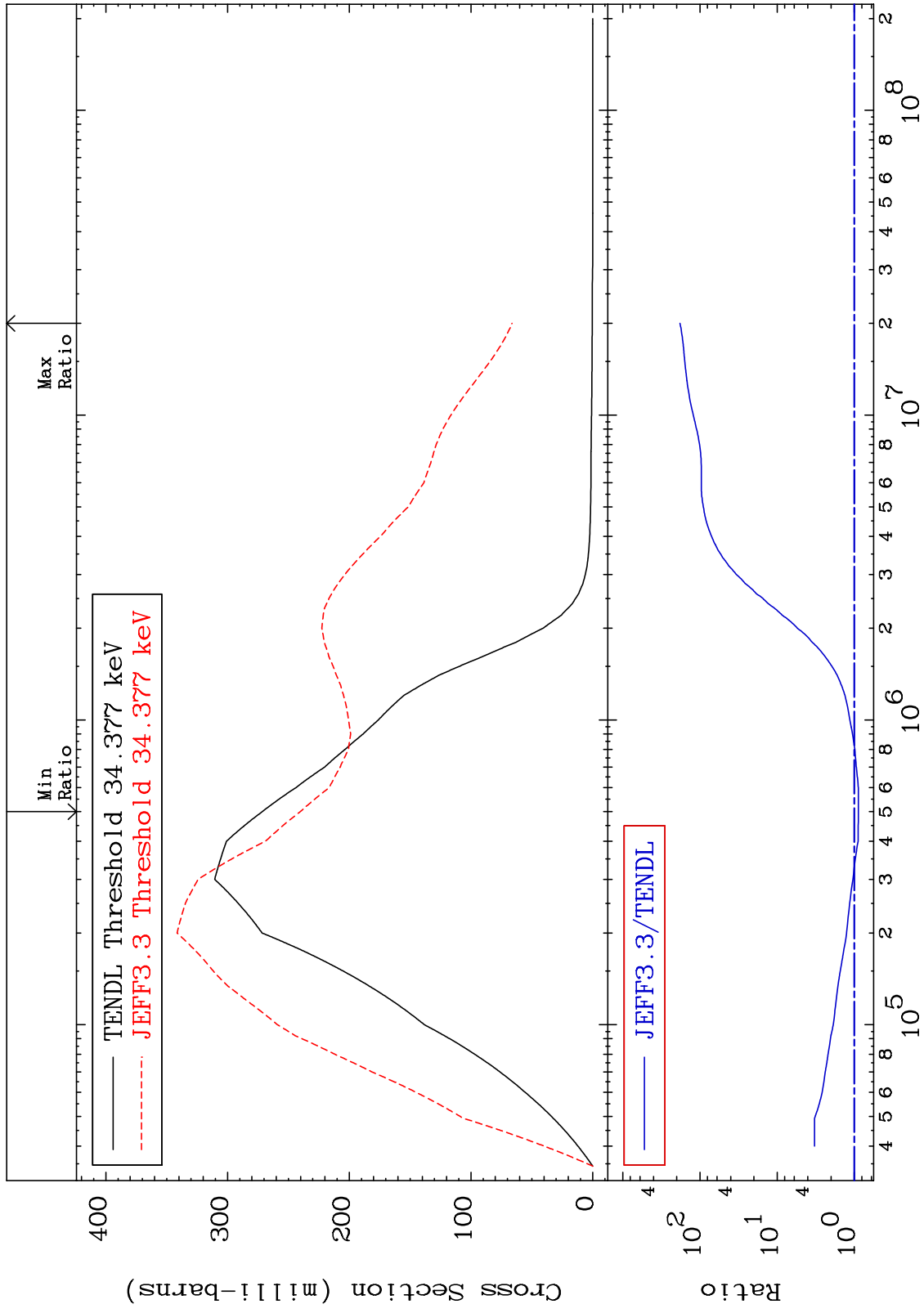
Incident Energy (eV)

93-Np-235

MAT 9340

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

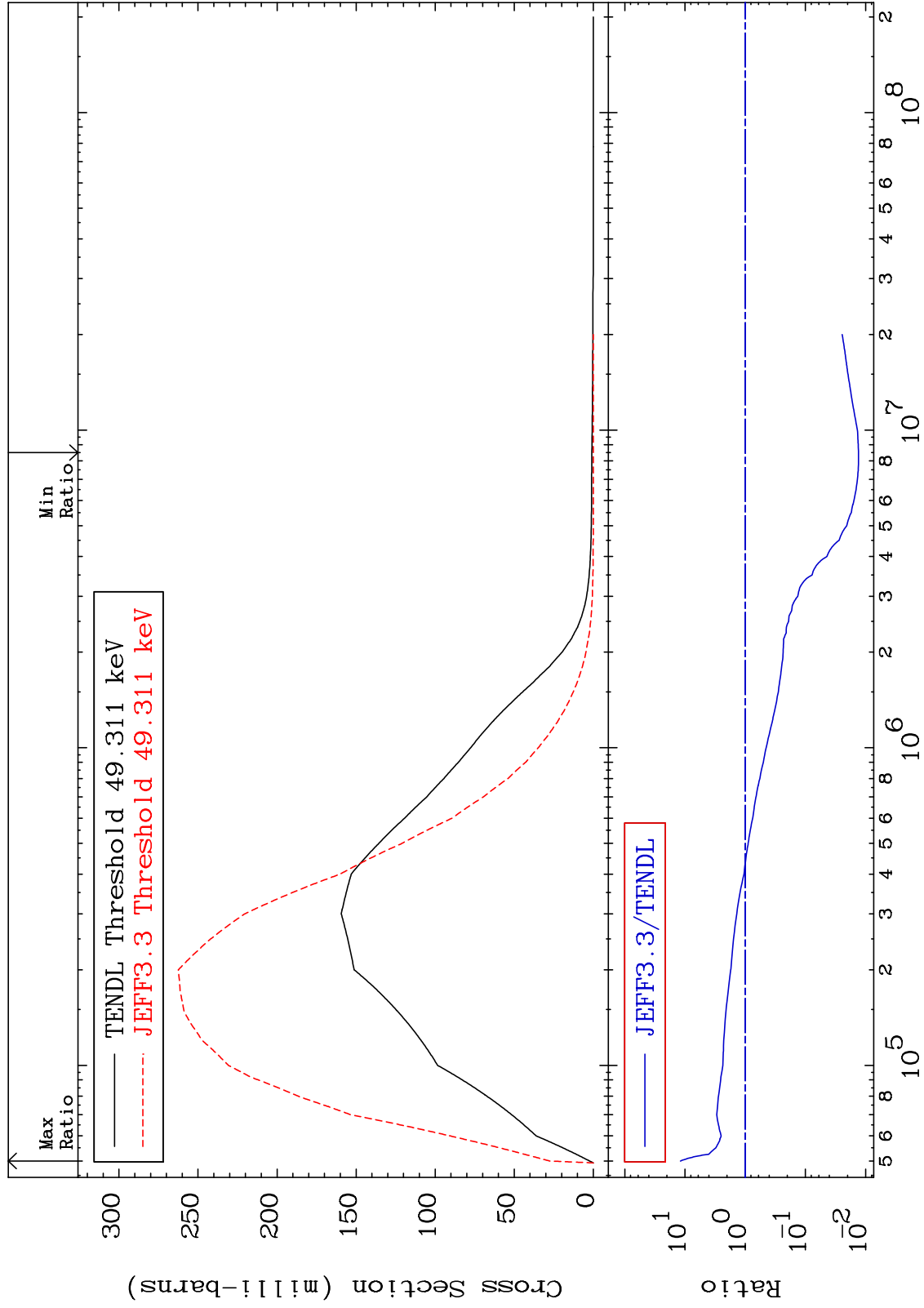
93-Np-235  
-11.53 To 9999. %



MAT 9340

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

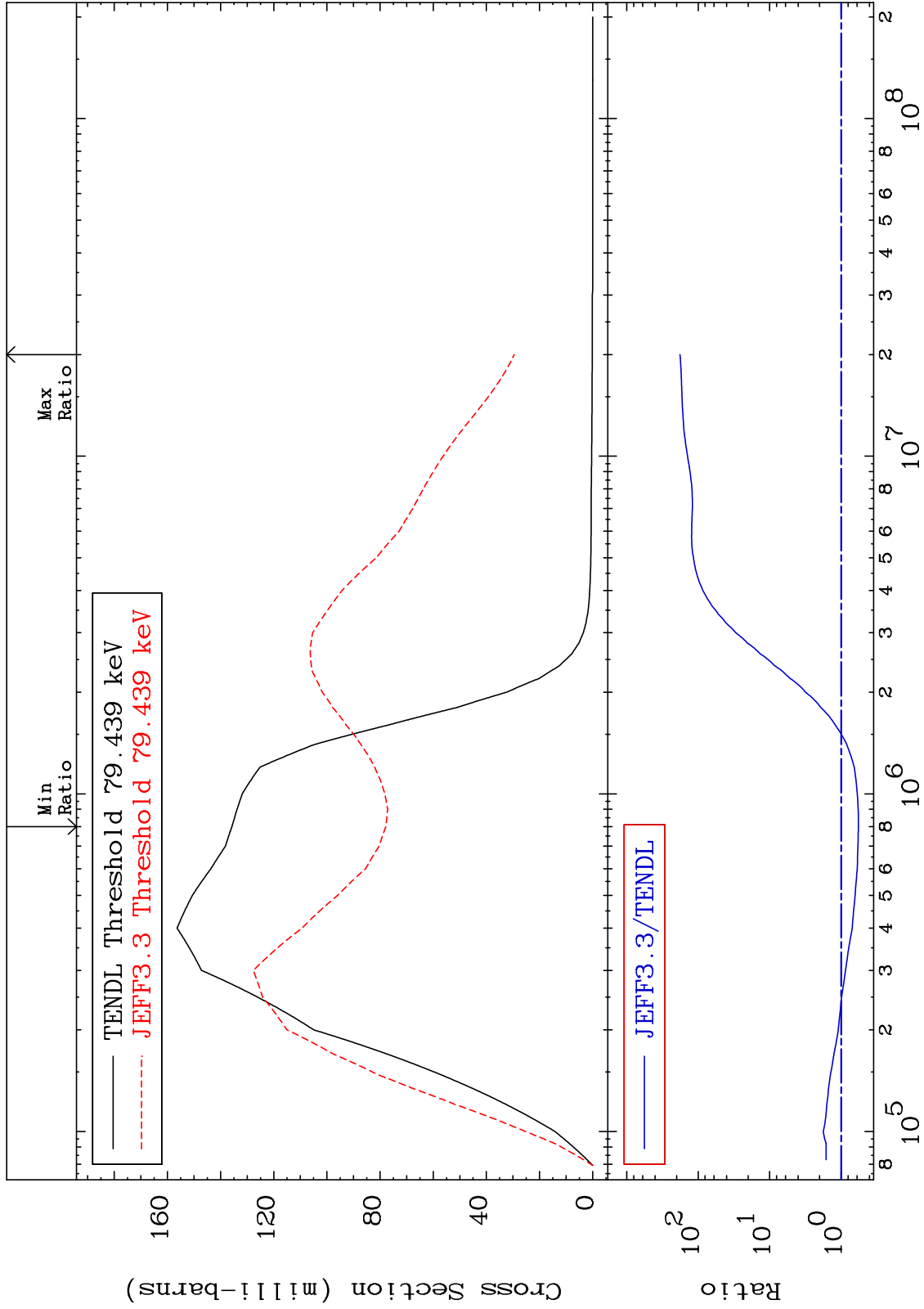
93-Np-235  
-98.69 To 1089. %



MAT 9340

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

93-Np-235  
-42.68 To 9999. %



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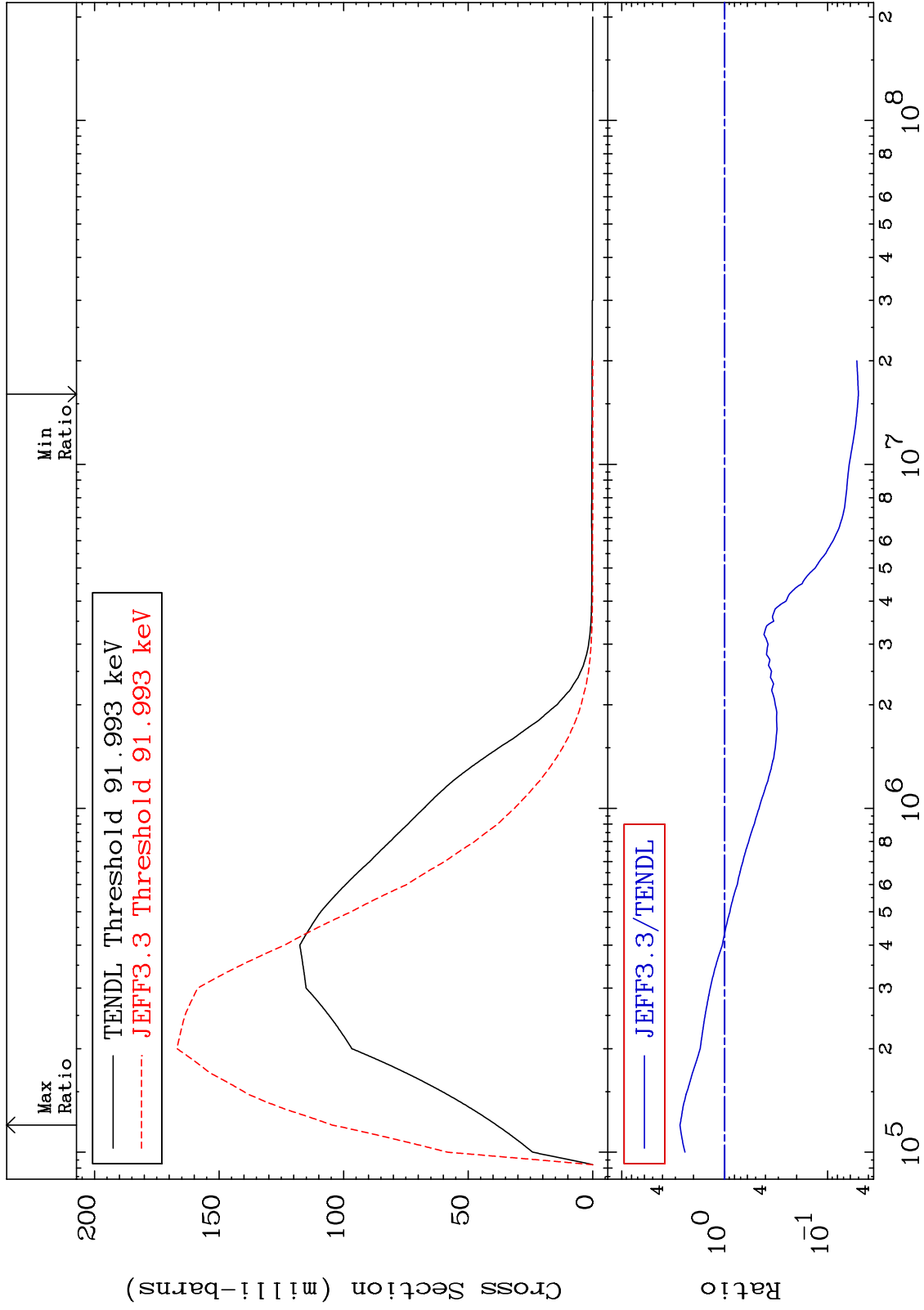
Incident Energy (eV)

93-Np-235

MAT 9340

MT= 54 (n,n') Level  
Cross Section

93-Np-235  
-94.99 To 170.8 %



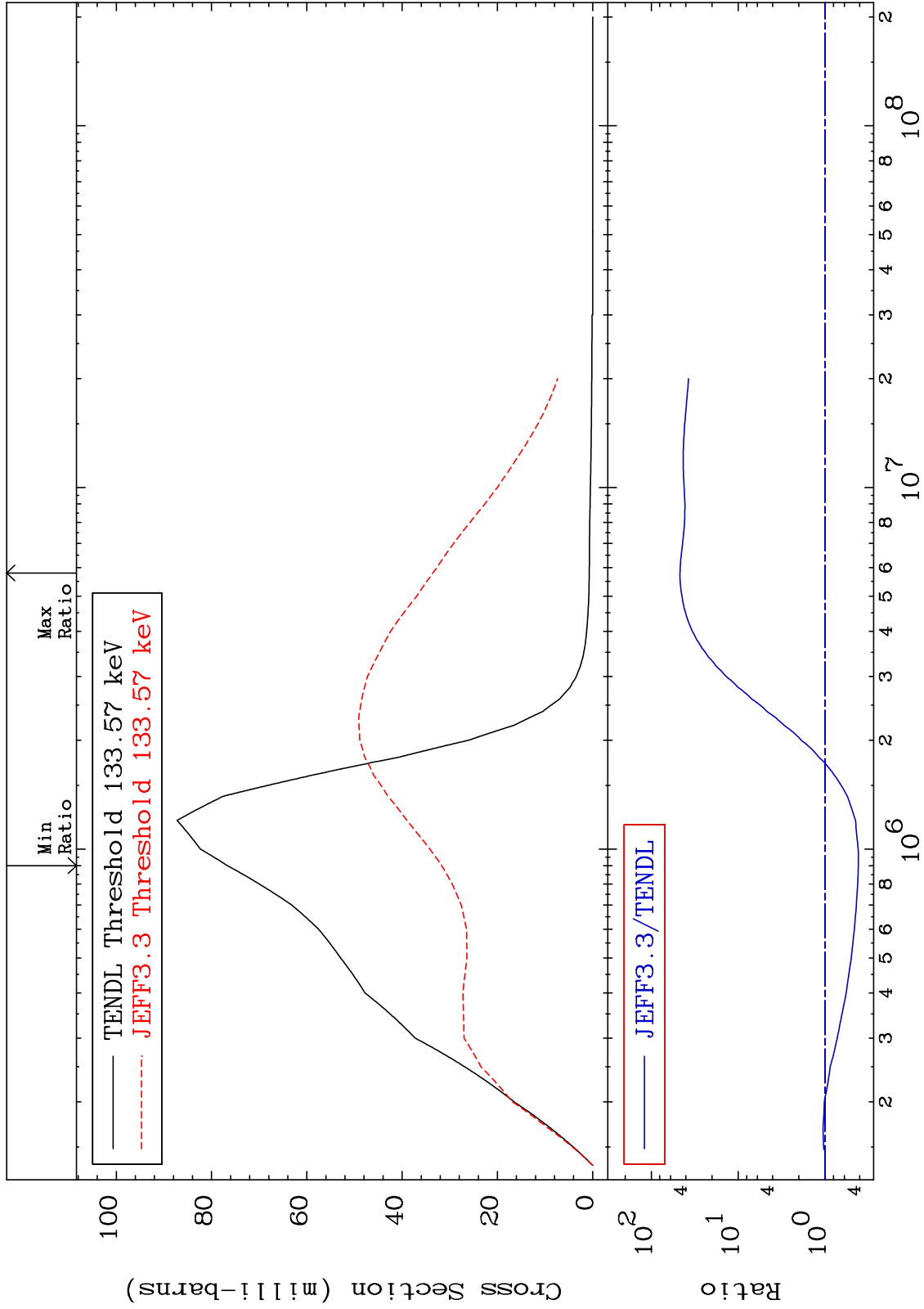
14

93-Np-235

MAT 9340

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

93-Np-235  
-58.67 To 4569. %

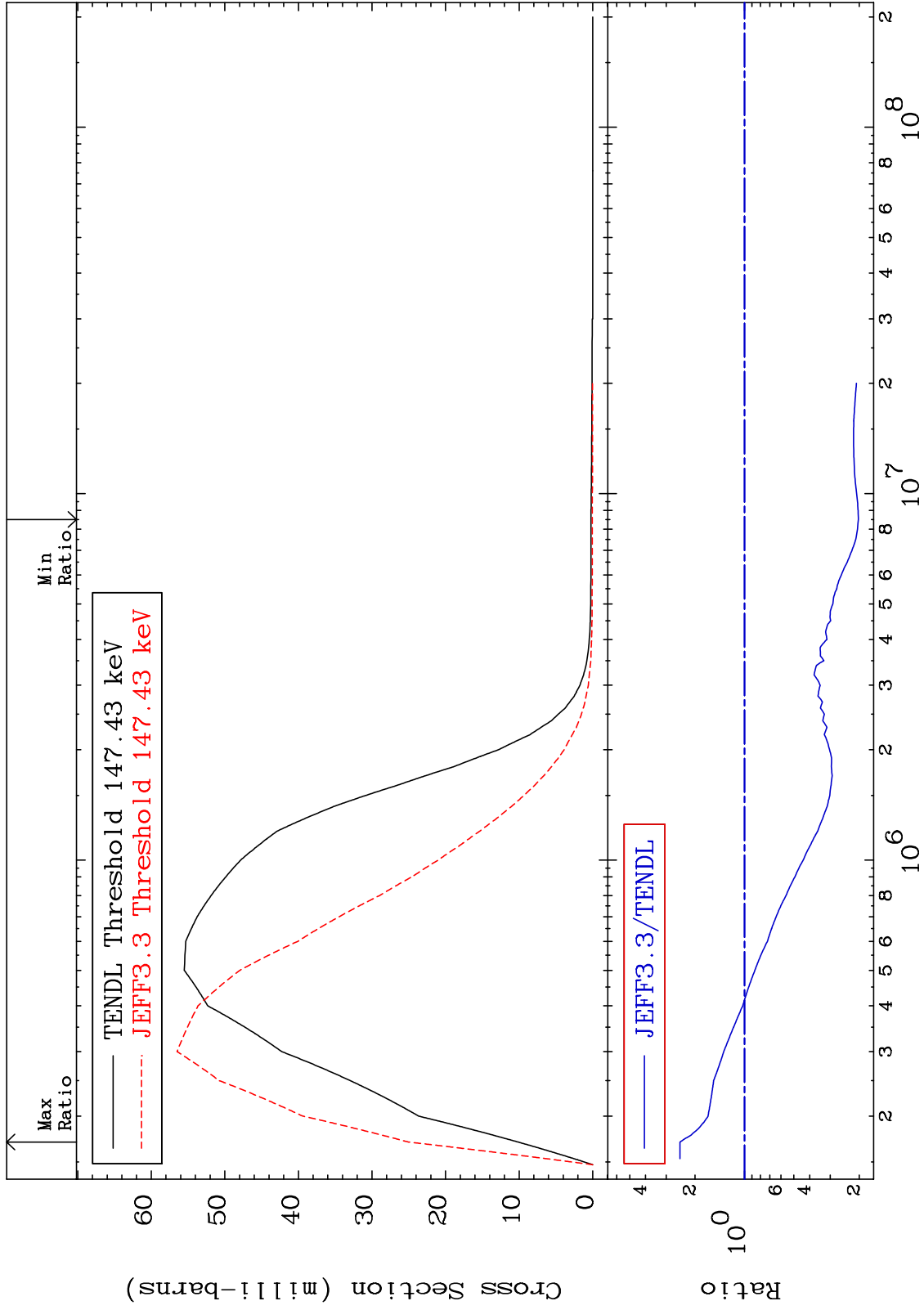




MAT 9340

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

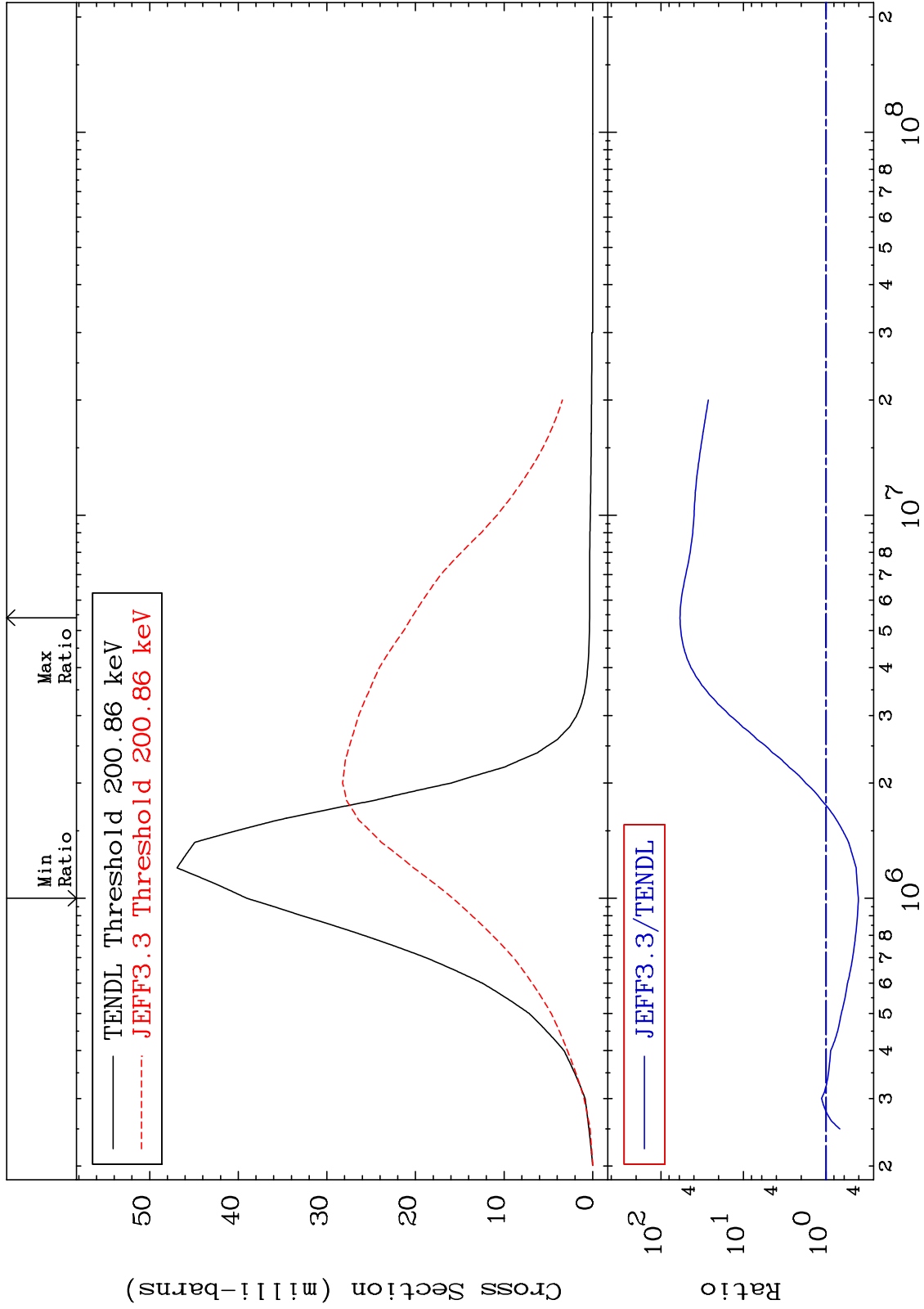
93-Np-235  
-79.77 To 146.8 %



MAT 9340

MT= 57 (n,n') Level  
Cross Section

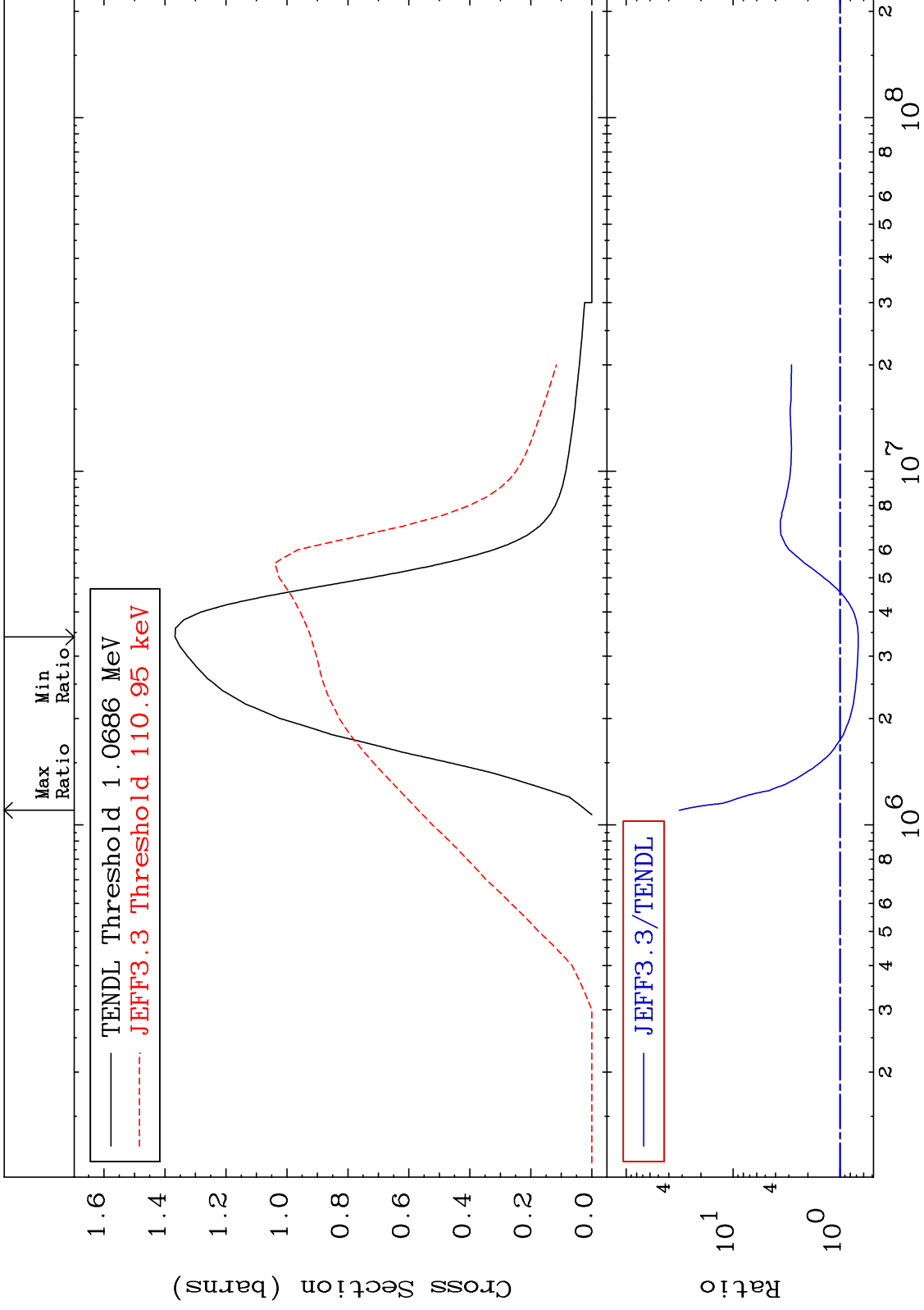
93-Np-235  
-59.55 To 5778. %



MAT 9340

(n, n') Continuum  
Cross Section

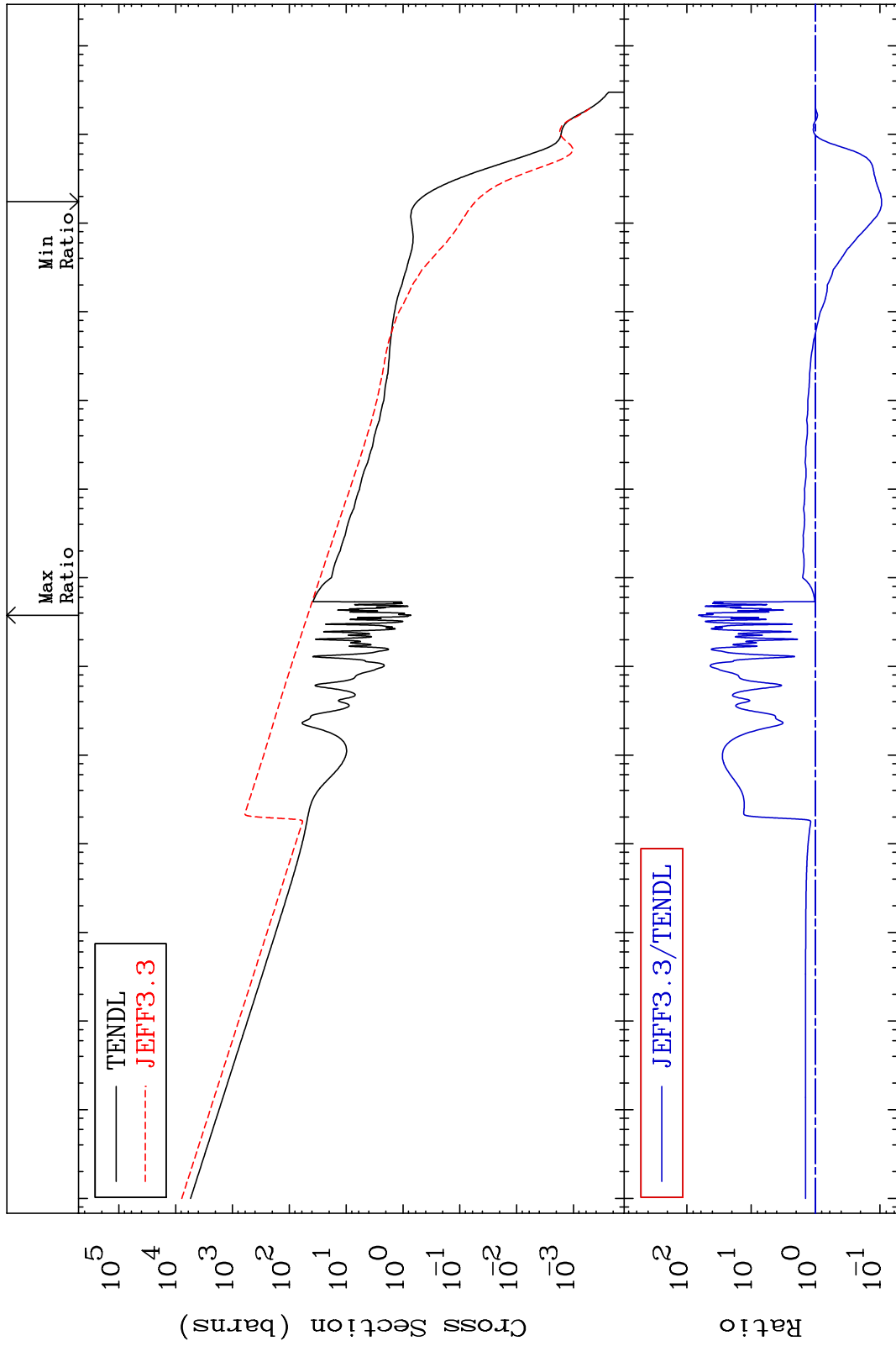
93-Np-235  
-32.55 To 3082. %



MAT 9340

(n,  $\gamma$ )  
Cross Section

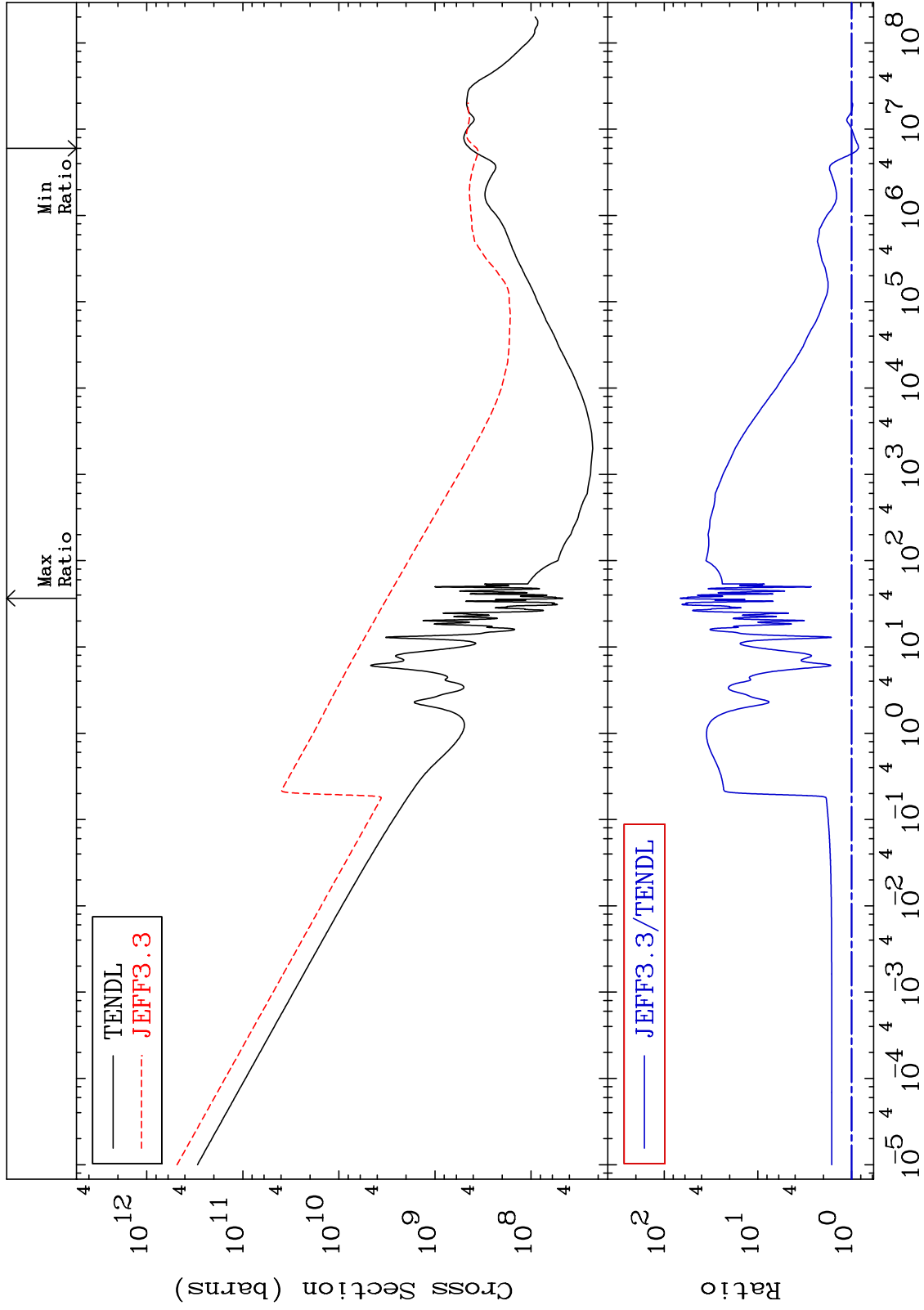
93-Np-235  
-90.57 To 6511. %



MAT 9340

Kerma total (eV-barns)  
Cross Section

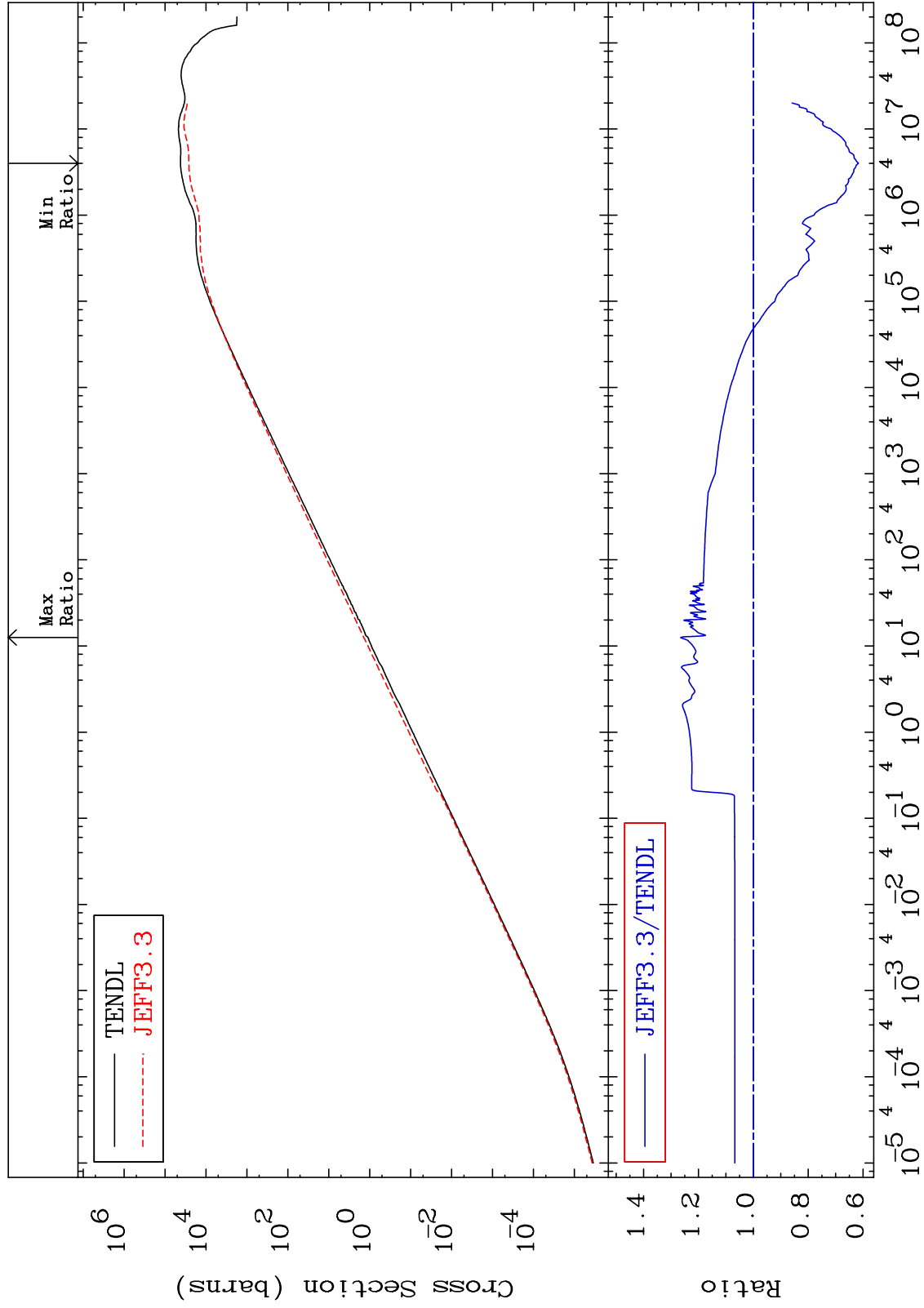
93-Np-235  
-15.41 To 6672. %



MAT 9340

Kerma elastic  
Cross Section

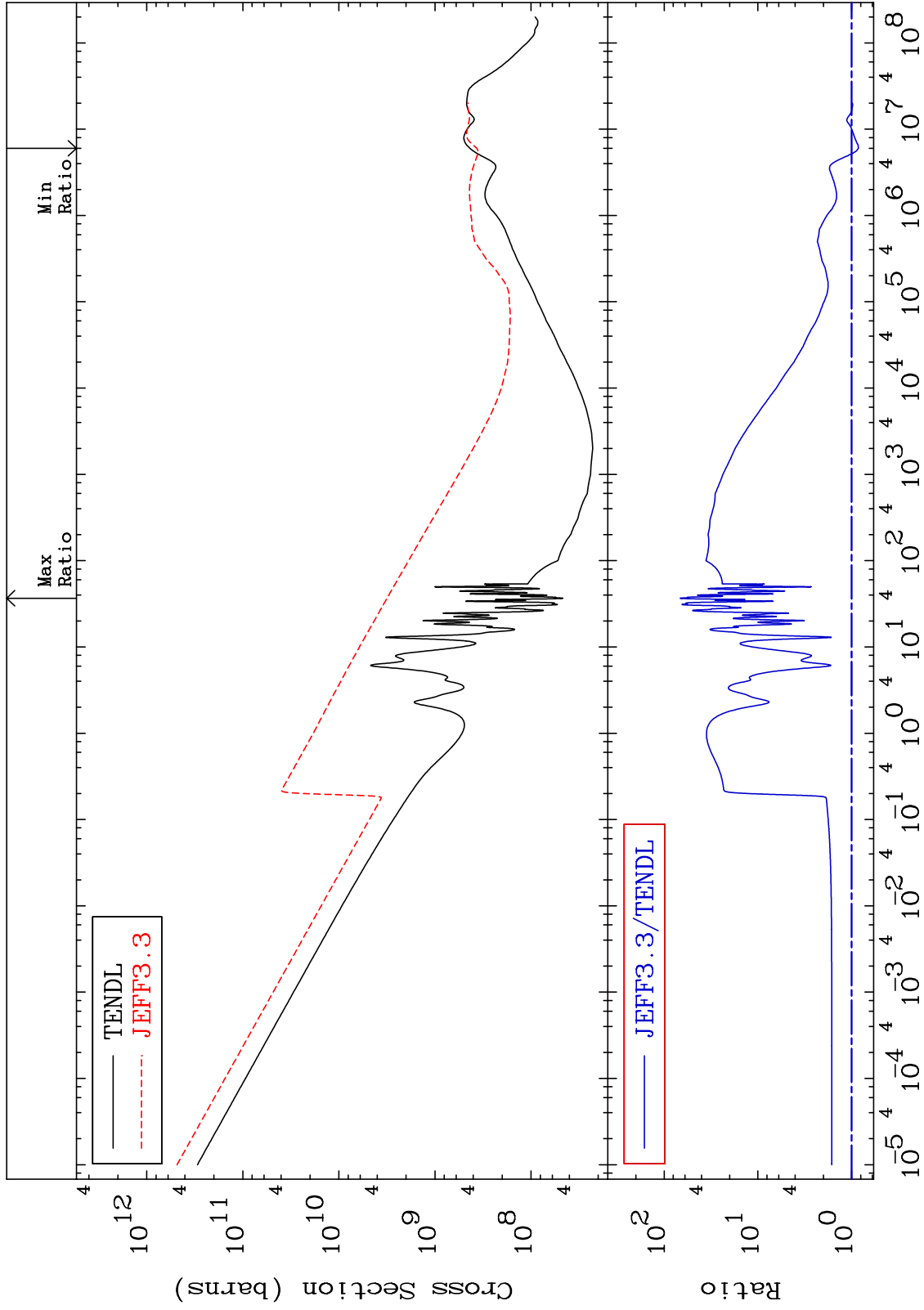
93-Np-235  
-38.36 To 26.54 %



MAT 9340

Kerma non-elastic (all but mt2)  
Cross Section

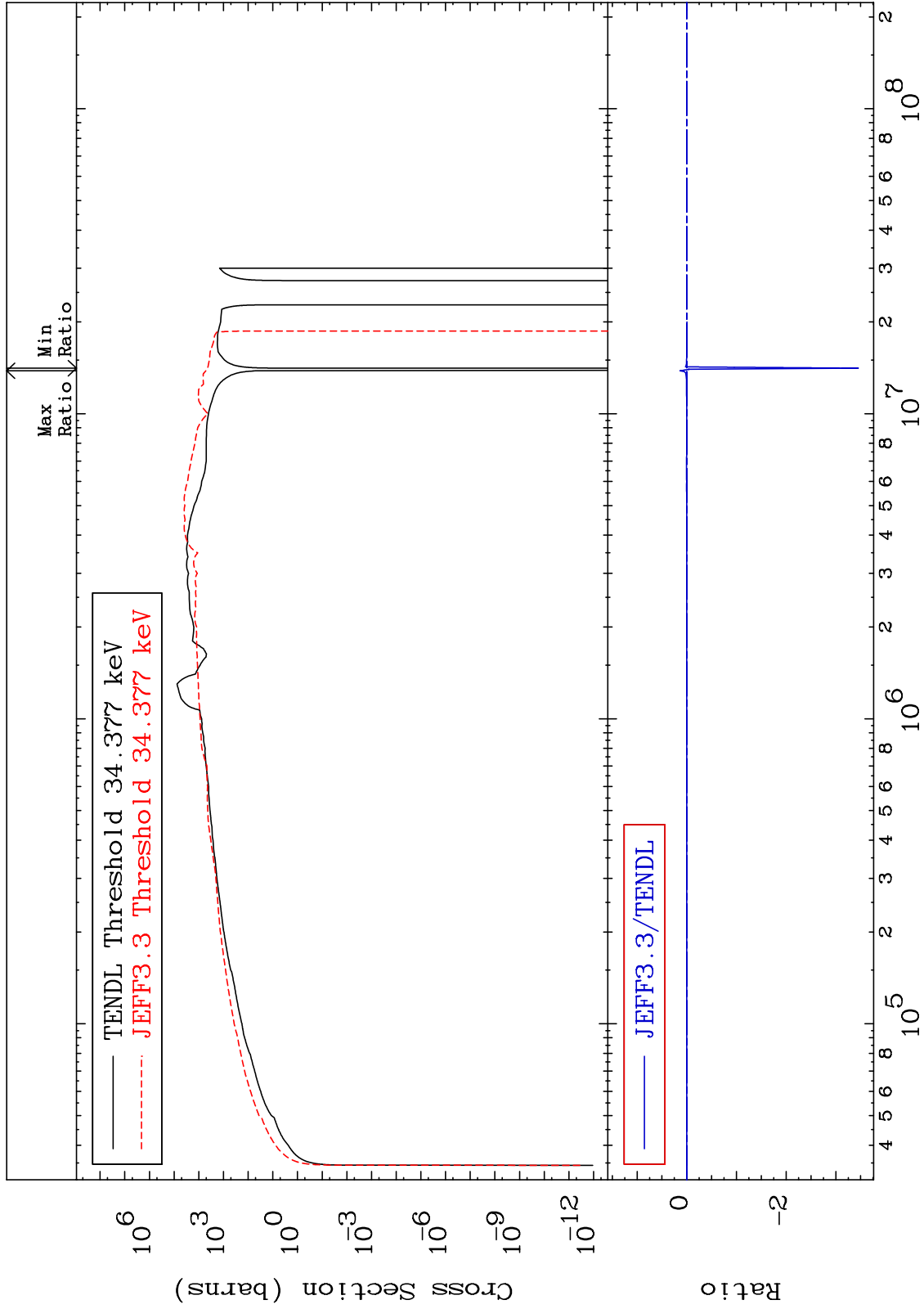
93-Np-235  
-15.41 To 6672. %



MAT 9340

Kerma inelastic (mt51-91)  
Cross Section

93-Np-235  
-9999. To 9999. %

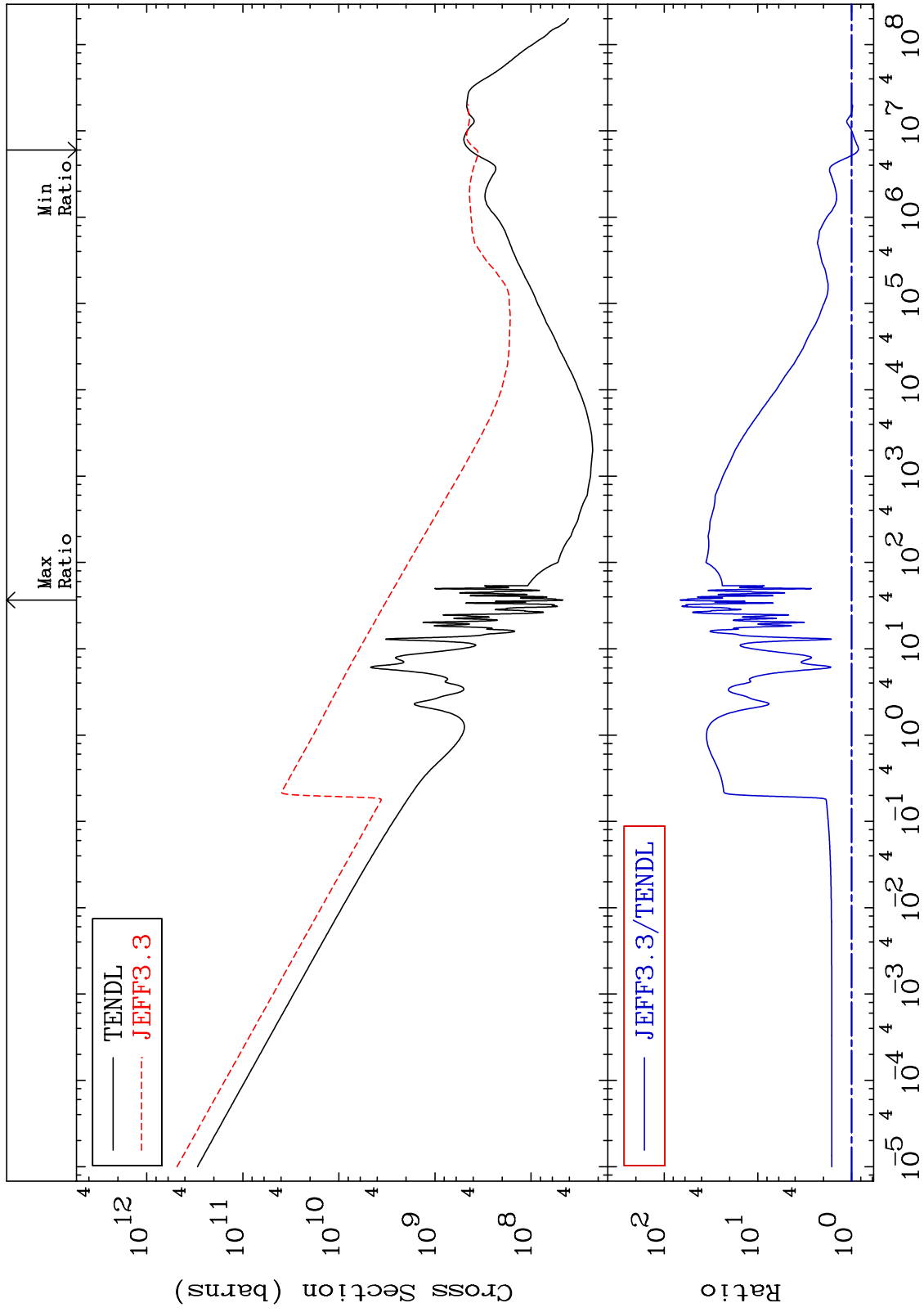




MAT 9340

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

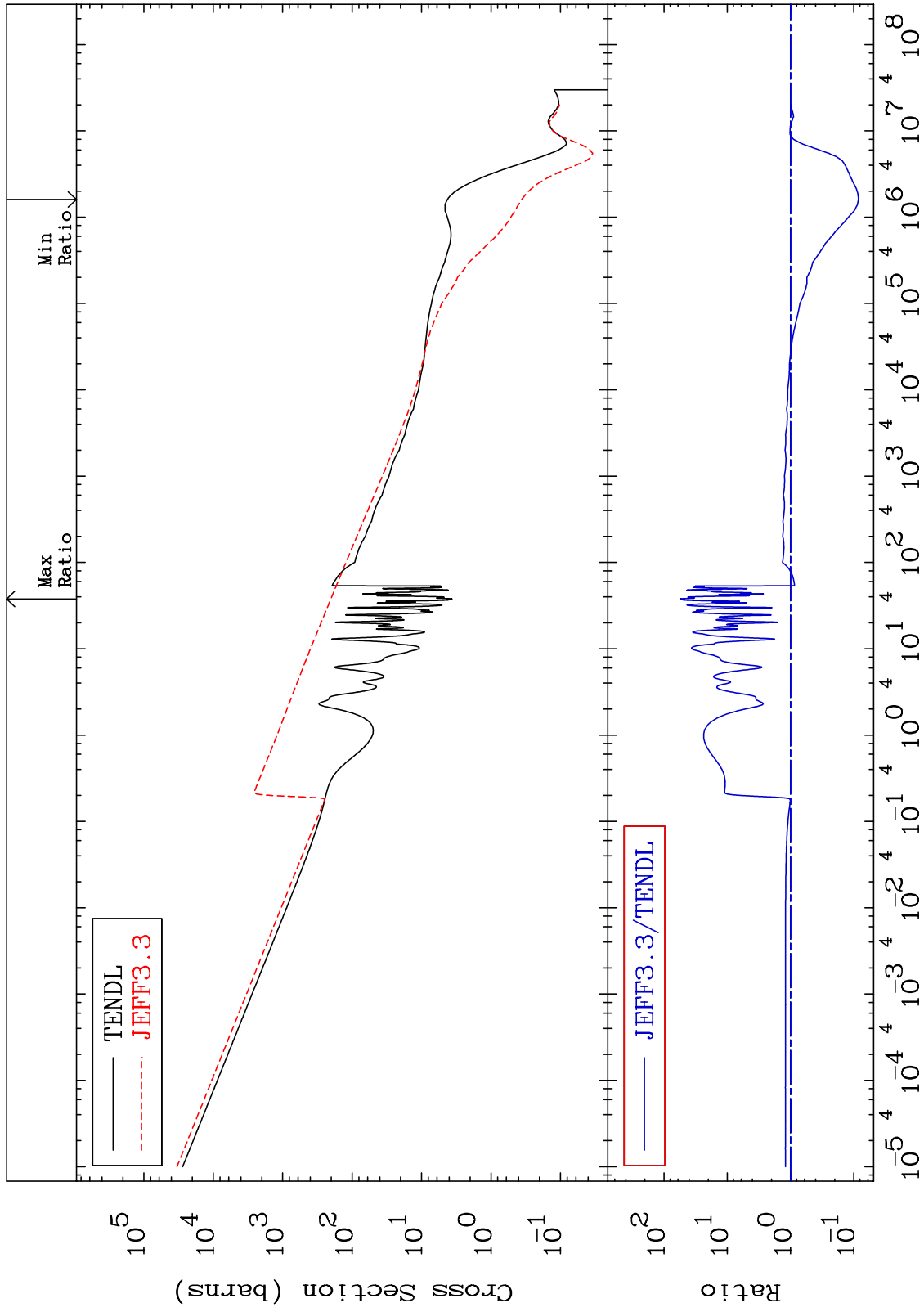
93-Np-235  
-15.41 To 6672. %



MAT 9340

Kerma capture (mt102)  
Cross Section

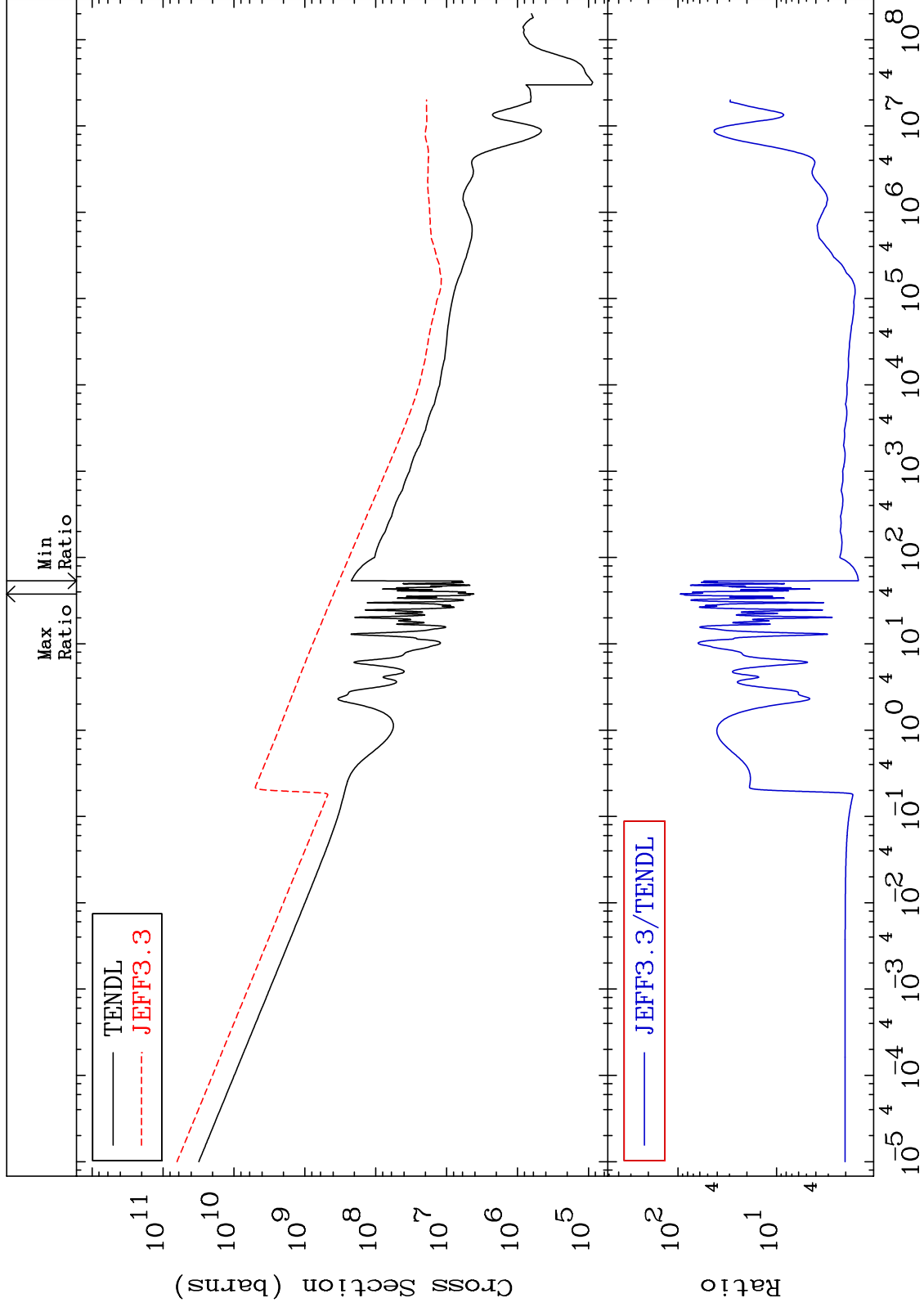
93-Np-235  
-91.54 To 5479. %



MAT 9340

Total photon (eV-barns)  
Cross Section

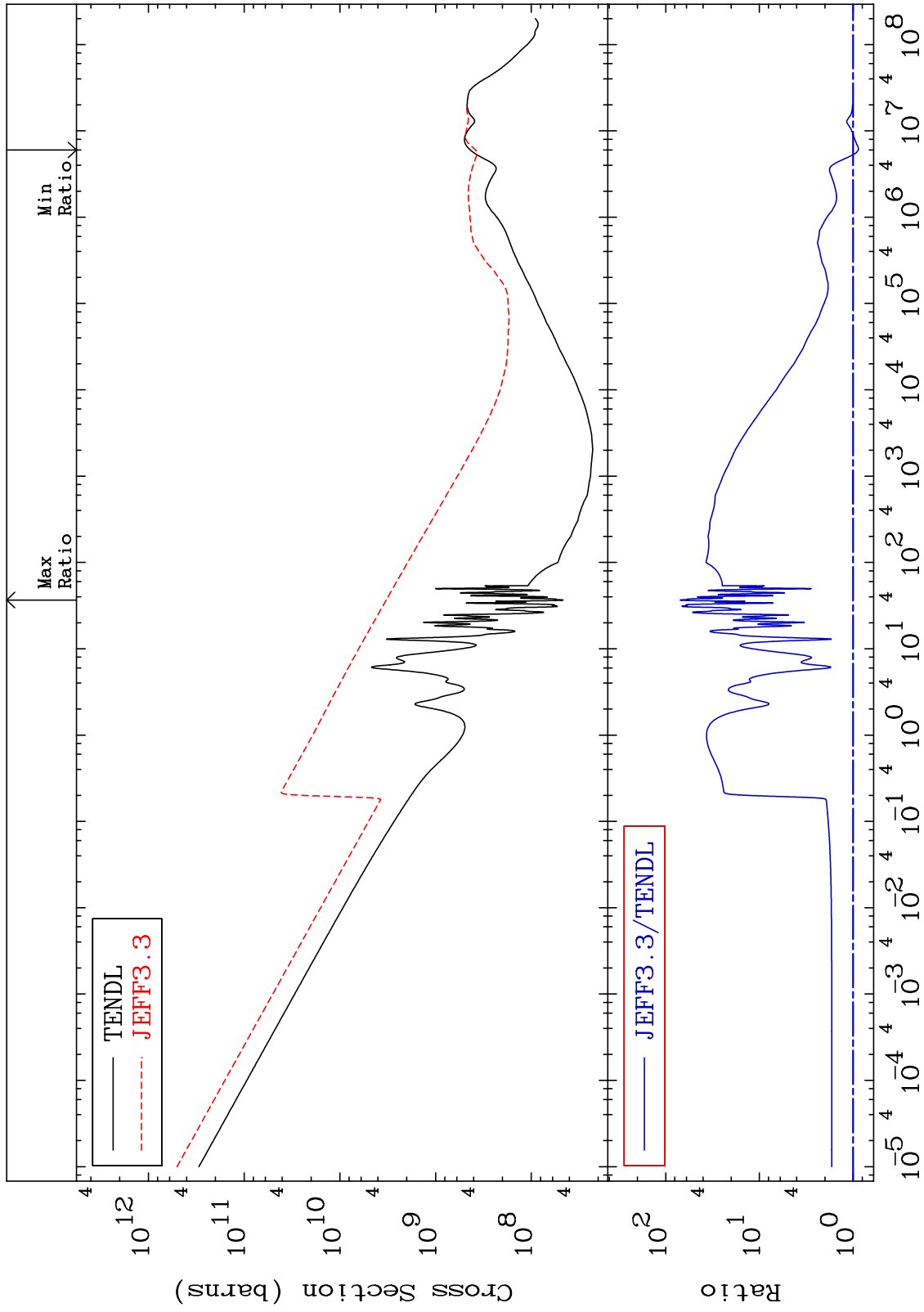
93-Np-235  
48.37 To 9433. %



MAT 9340

Total kinematic kerma (high limit)  
Cross Section

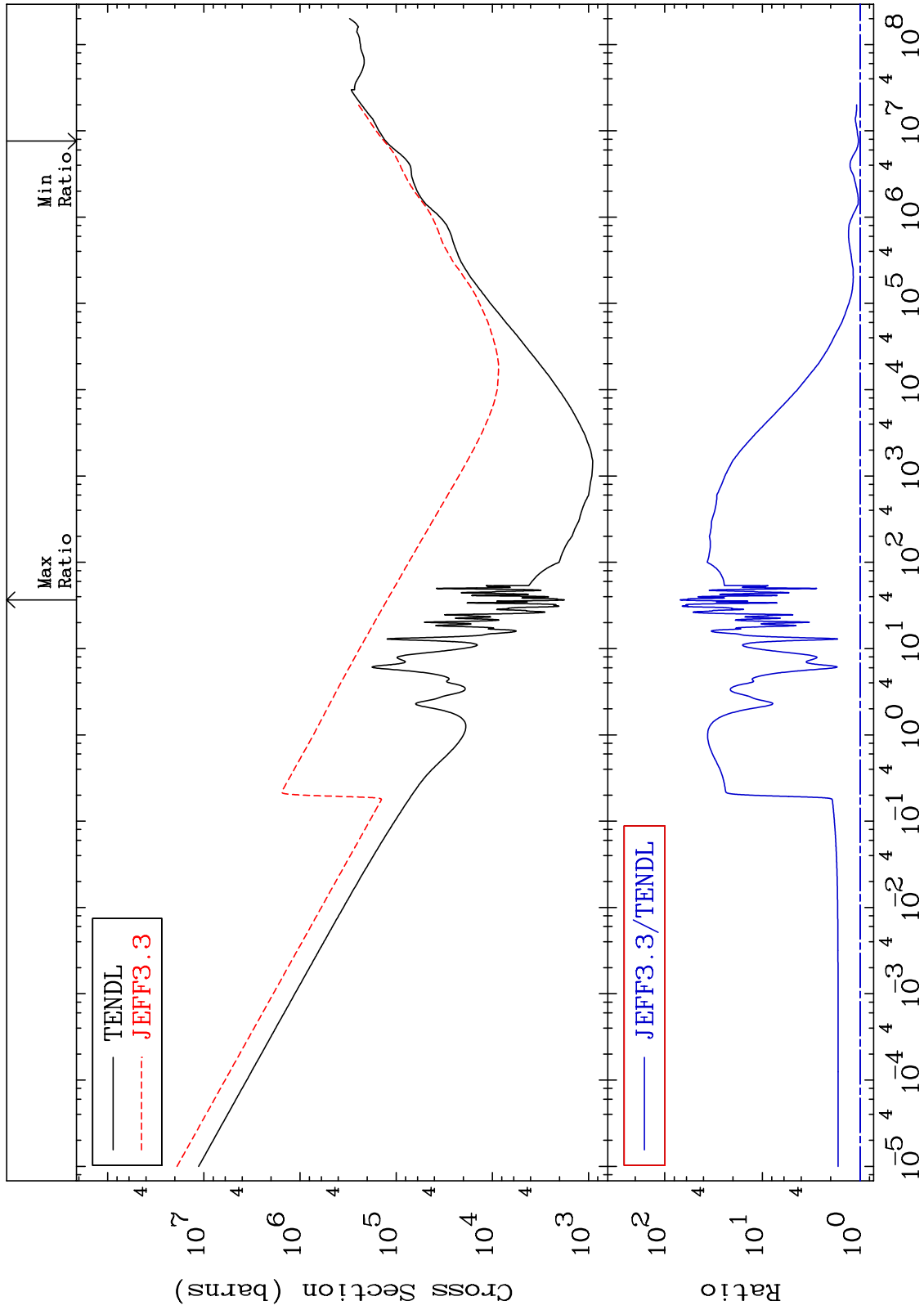
93-Np-235  
-12.10 To 6935. %



MAT 9340

Dpa total (eV-barns)  
Cross Section

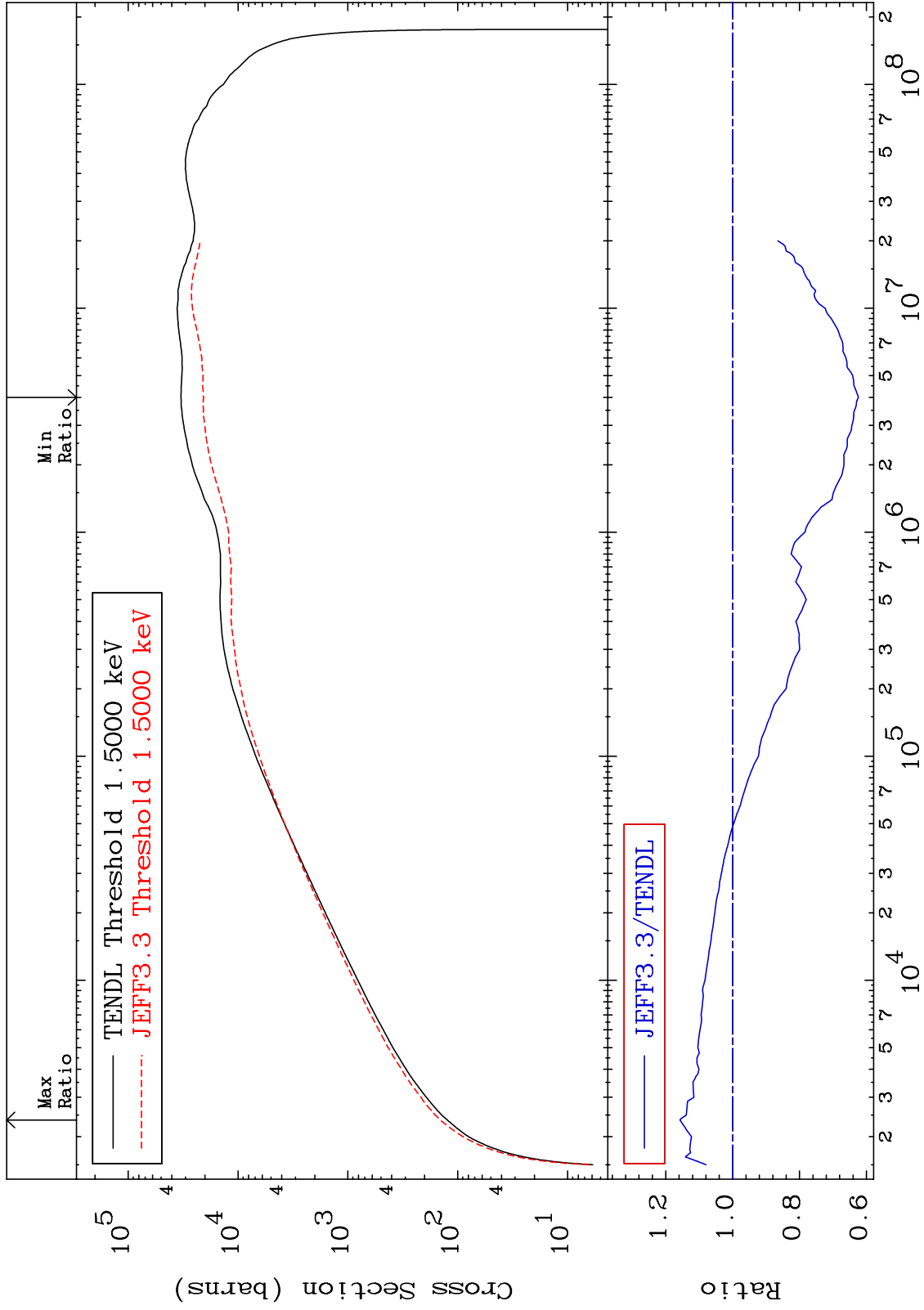
93-Np-235  
3.832 To 6873. %



MAT 9340

Dpa elastic (mt2)  
Cross Section

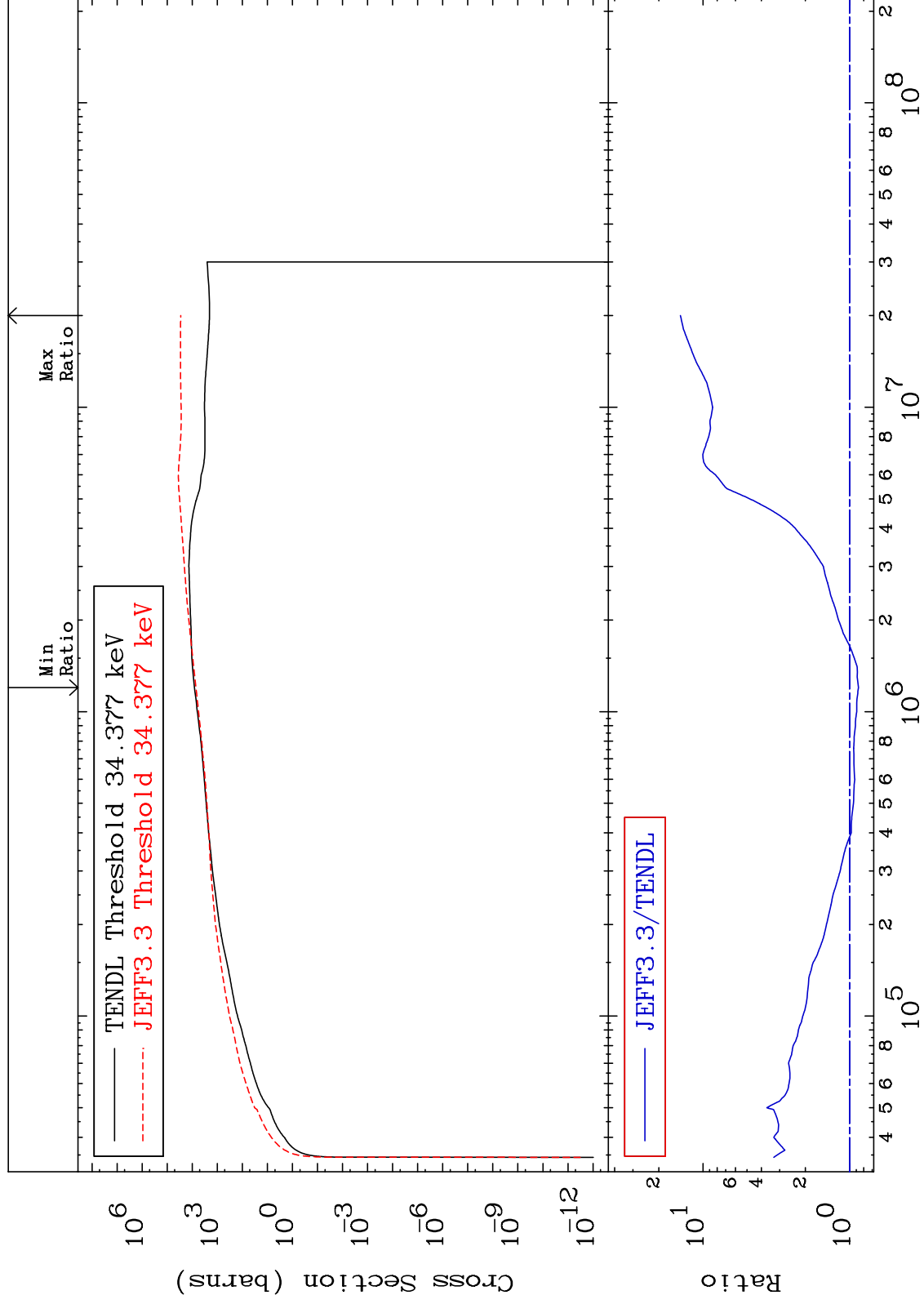
93-Np-235  
-37.60 To 15.75 %



MAT 9340

Dpa inelastic (mt51-91)  
Cross Section

93-Np-235  
-13.15 To 1323. %



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Incident Energy (eV)

93-Np-235

MAT 9340

Dpa disappearance (mt102 -120)  
Cross Section

93-Np-235  
-100.0 To 7573. %

