

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

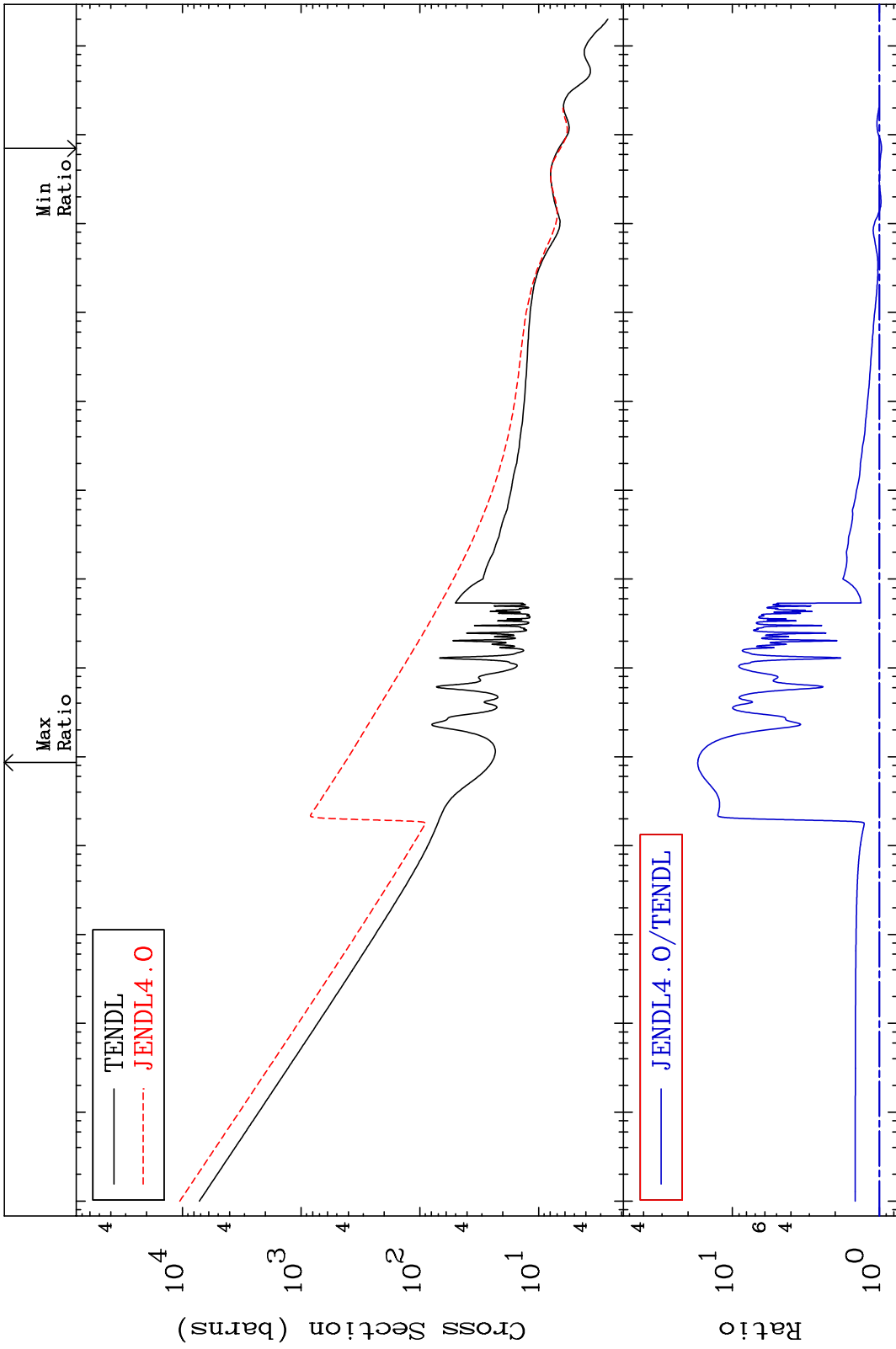
MAT 9340

Total

93-Np-235

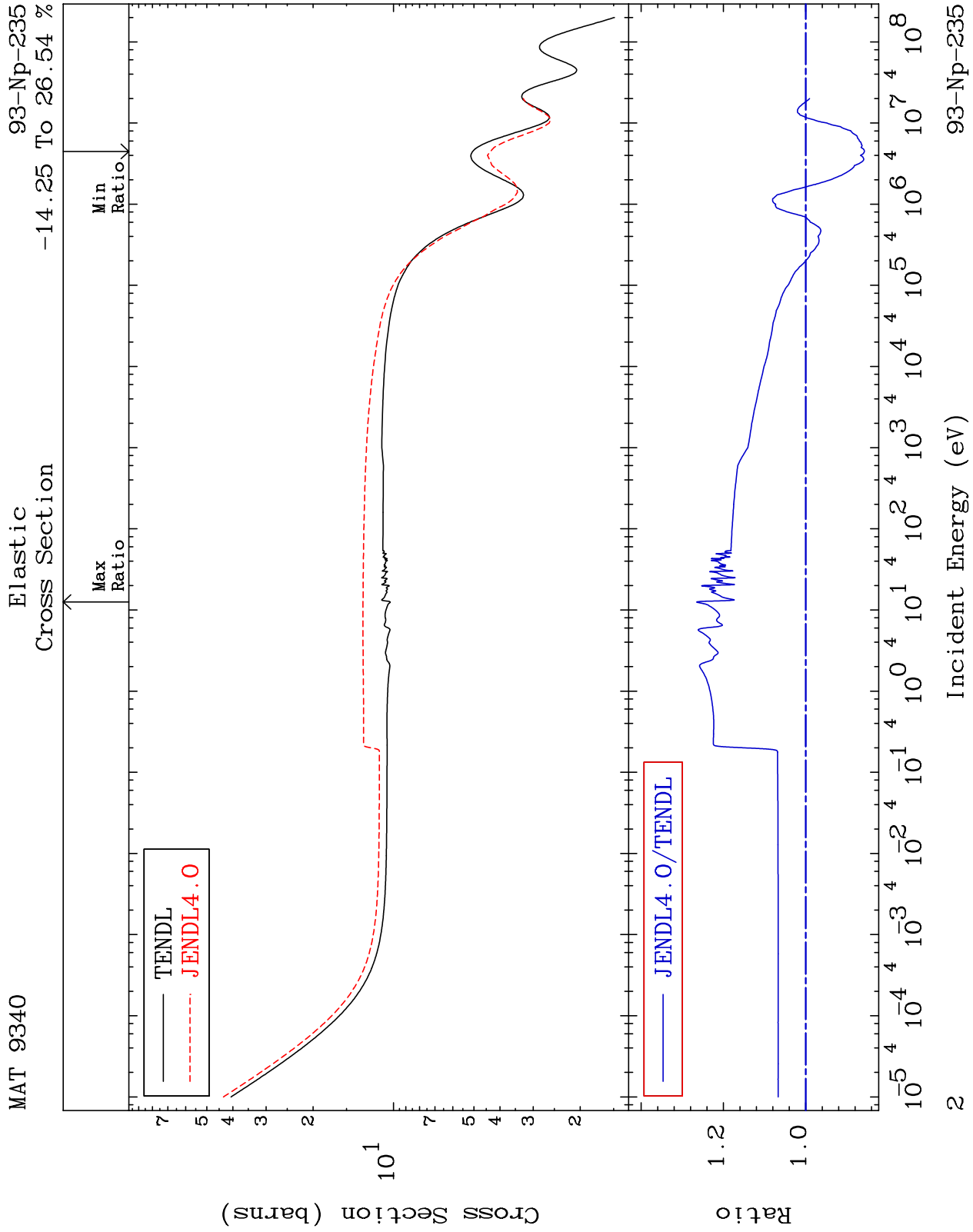
-3.029 To 1616. %

Cross Section



Incident Energy (eV)

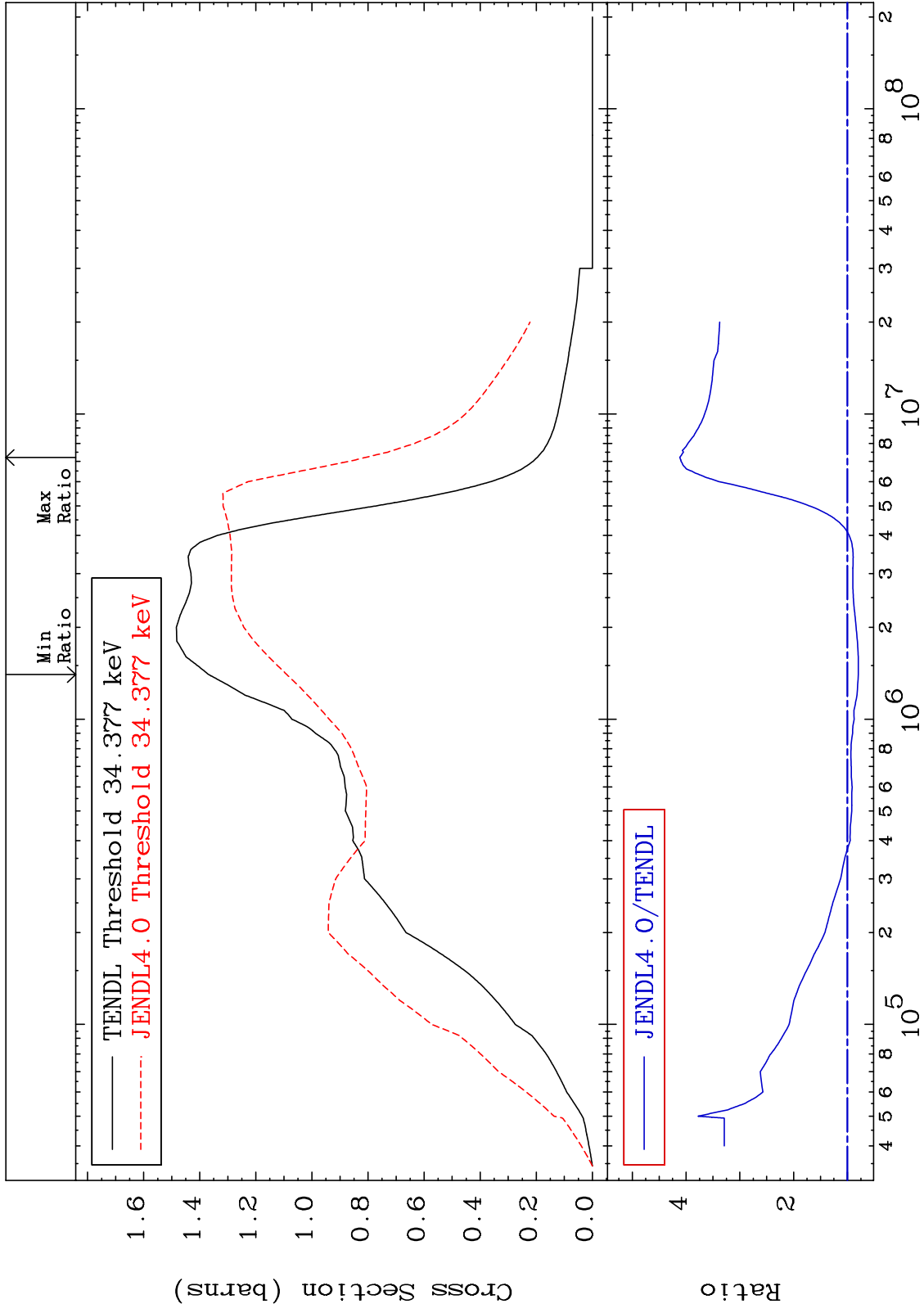
93-Np-235



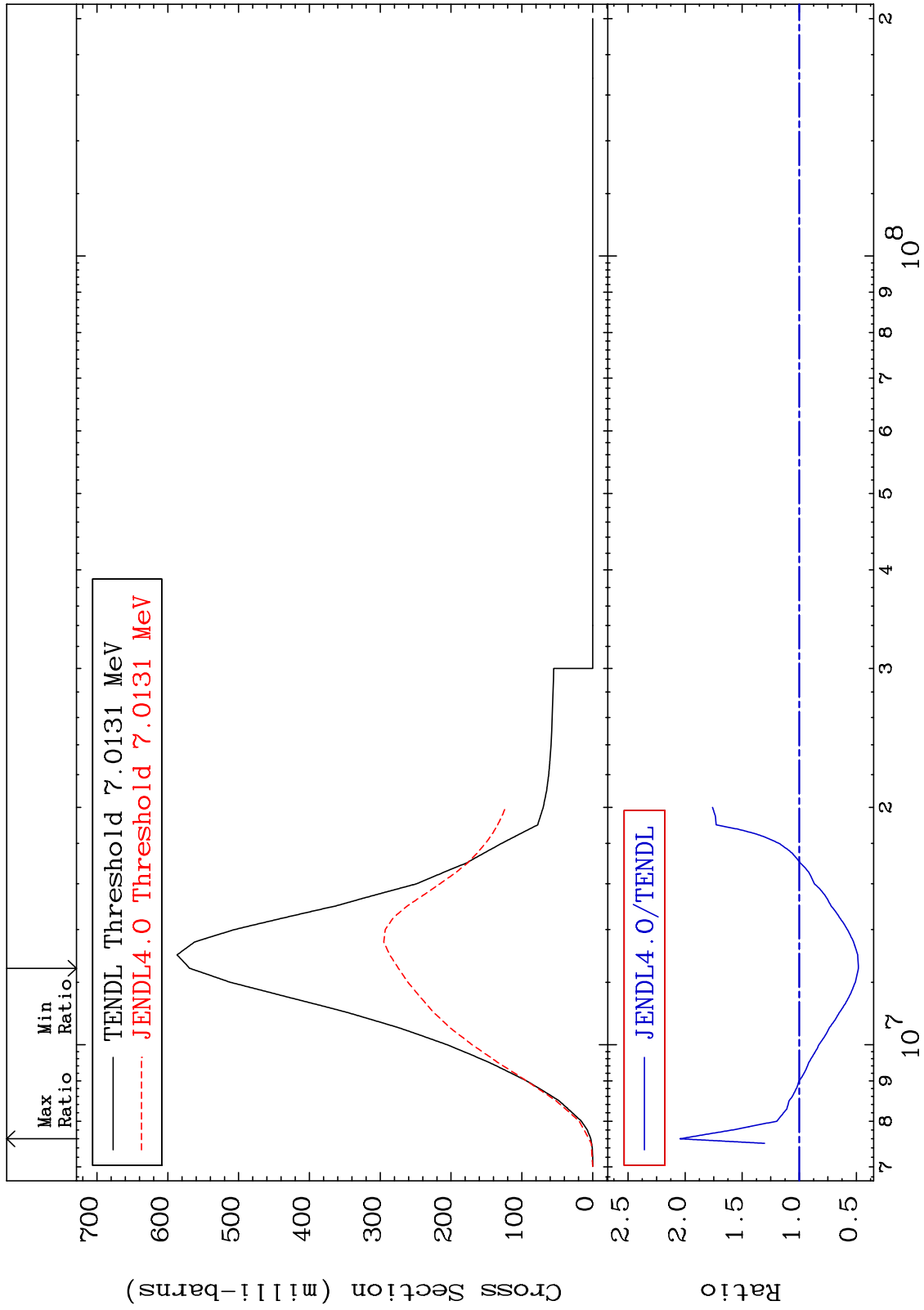
MAT 9340

93-Np-235
-20.36 To 311.6 %

Inelastic
Cross Section



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



4 Incident Energy (eV) 93-Np-235

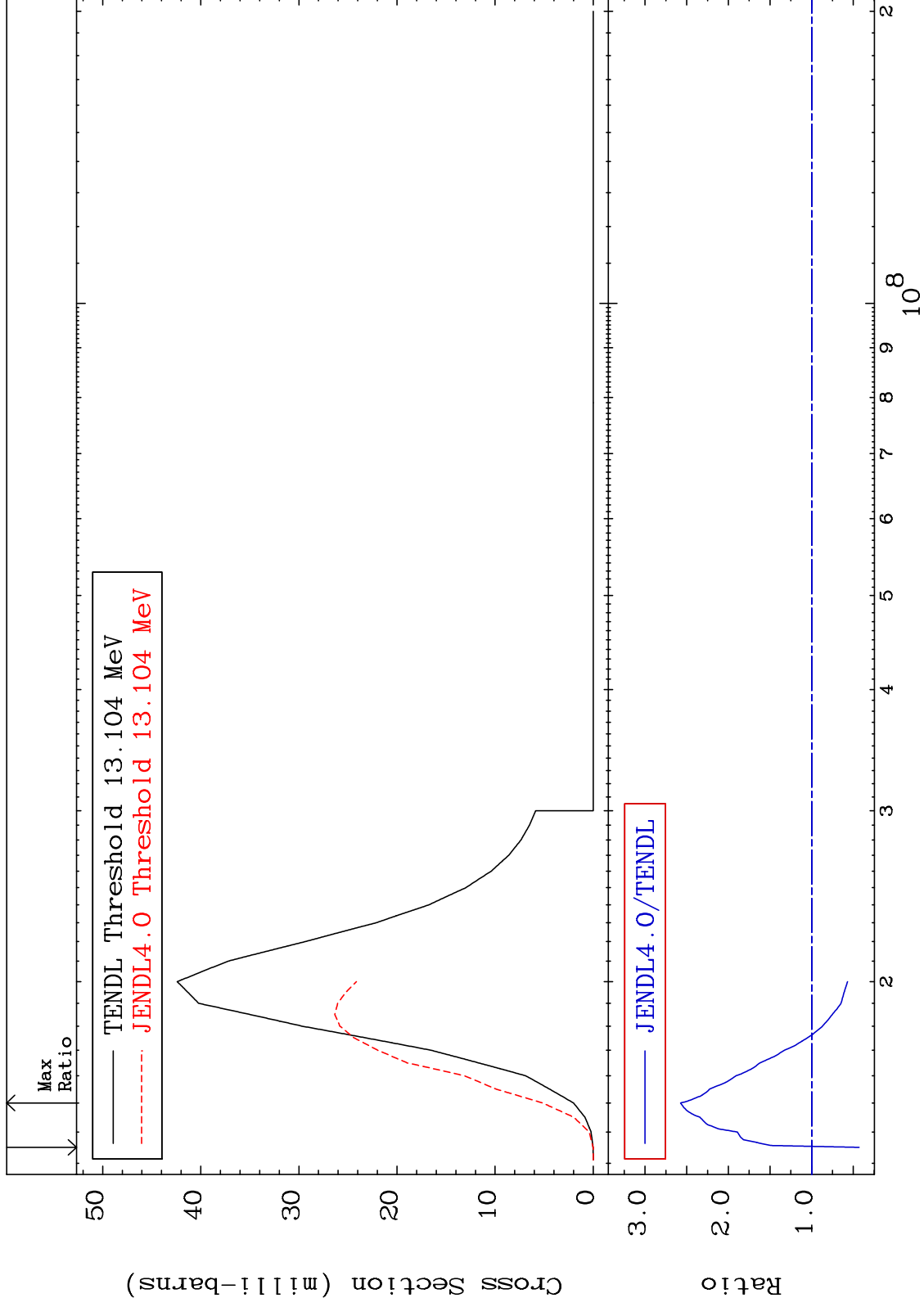
MAT 9340

(n, 3n)

93-Np-235

Cross Section

-57.03 To 157.3 %



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Incident Energy (eV)

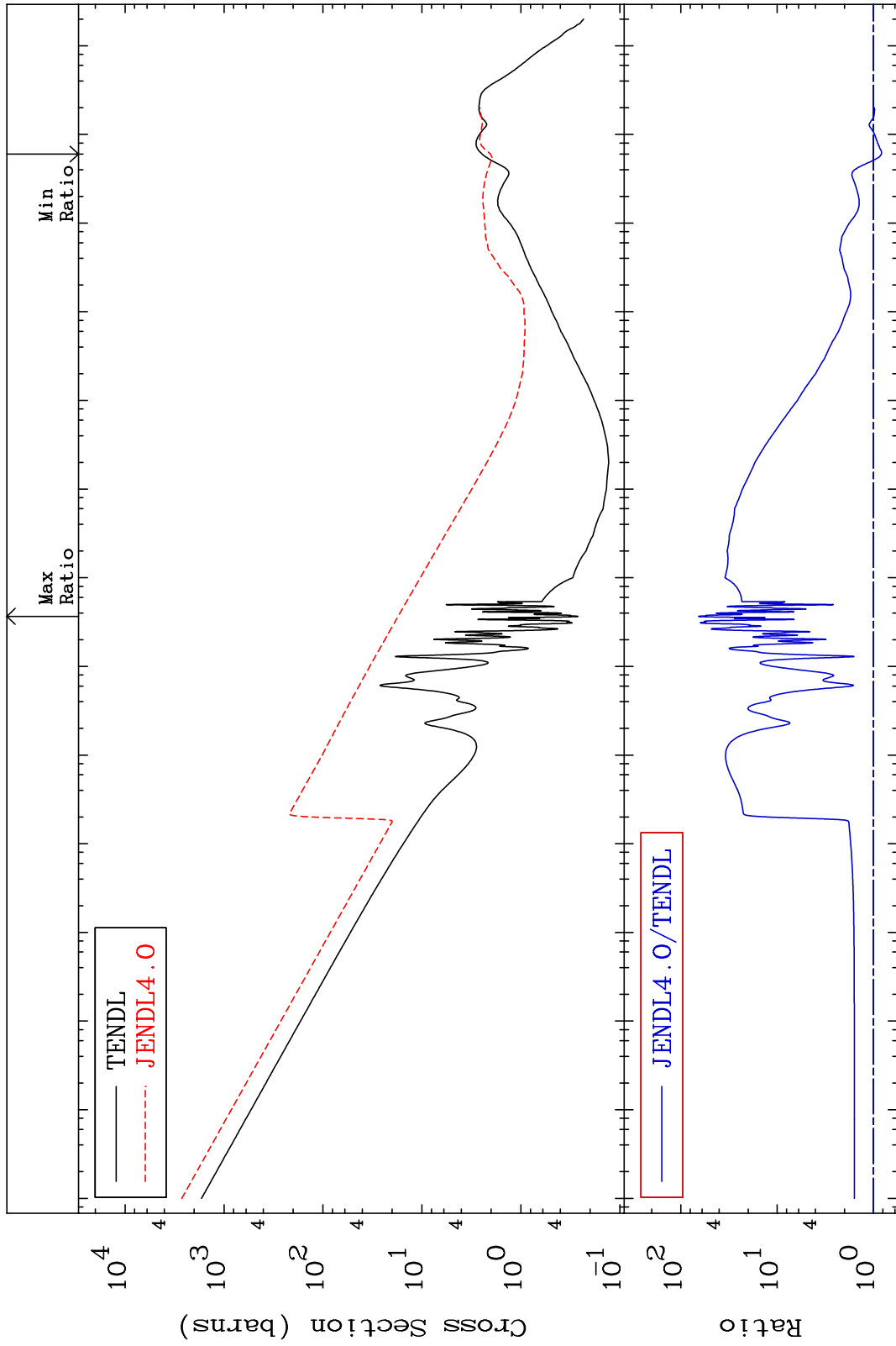
93-Np-235

MAT 9340

Fission

93-Np-235

Cross Section
-17.46 To 6470. %



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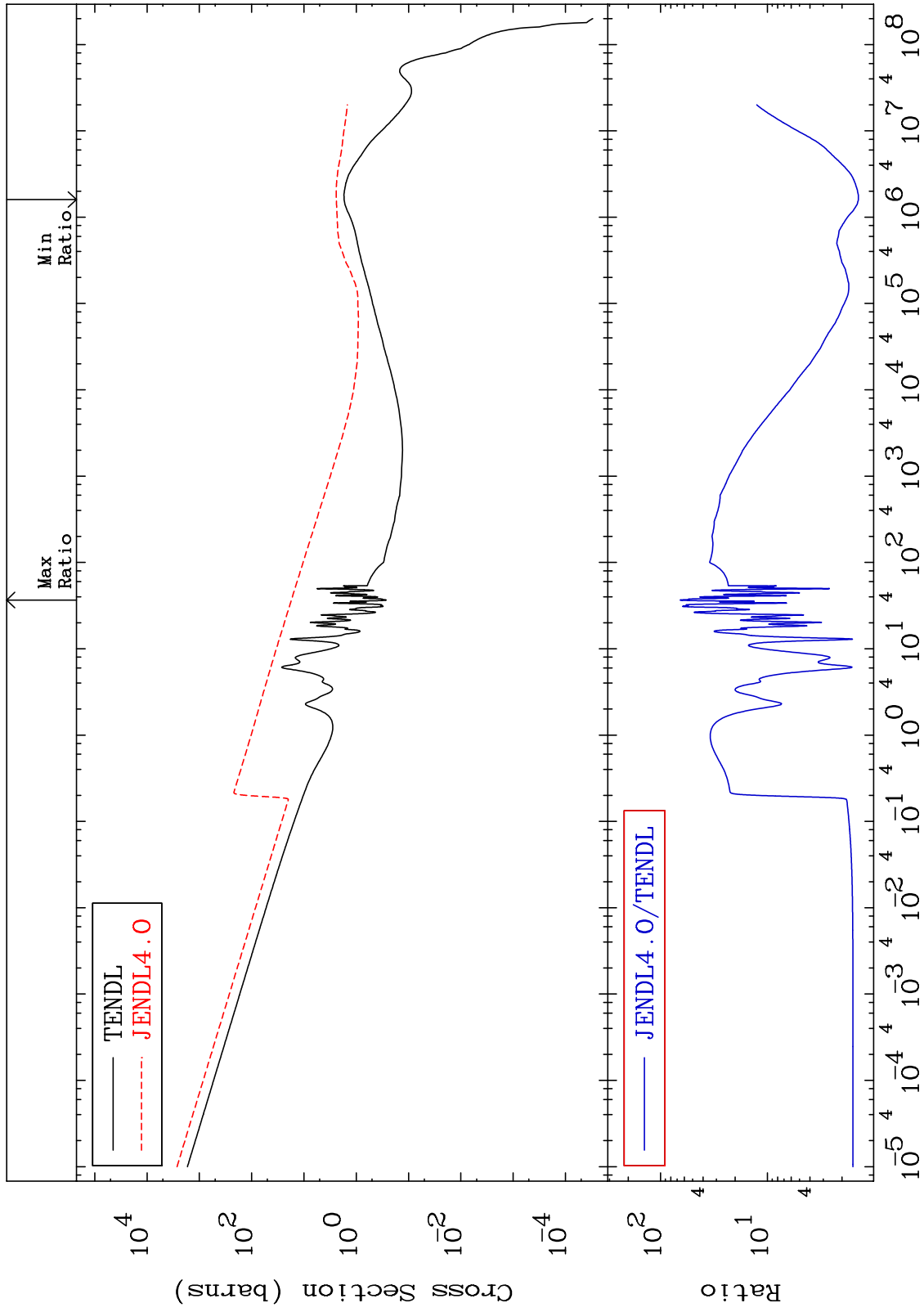
Incident Energy (eV)

93-Np-235

MAT 9340

(n,f) First Chance
Cross Section

93-Np-235
40.70 To 6470. %



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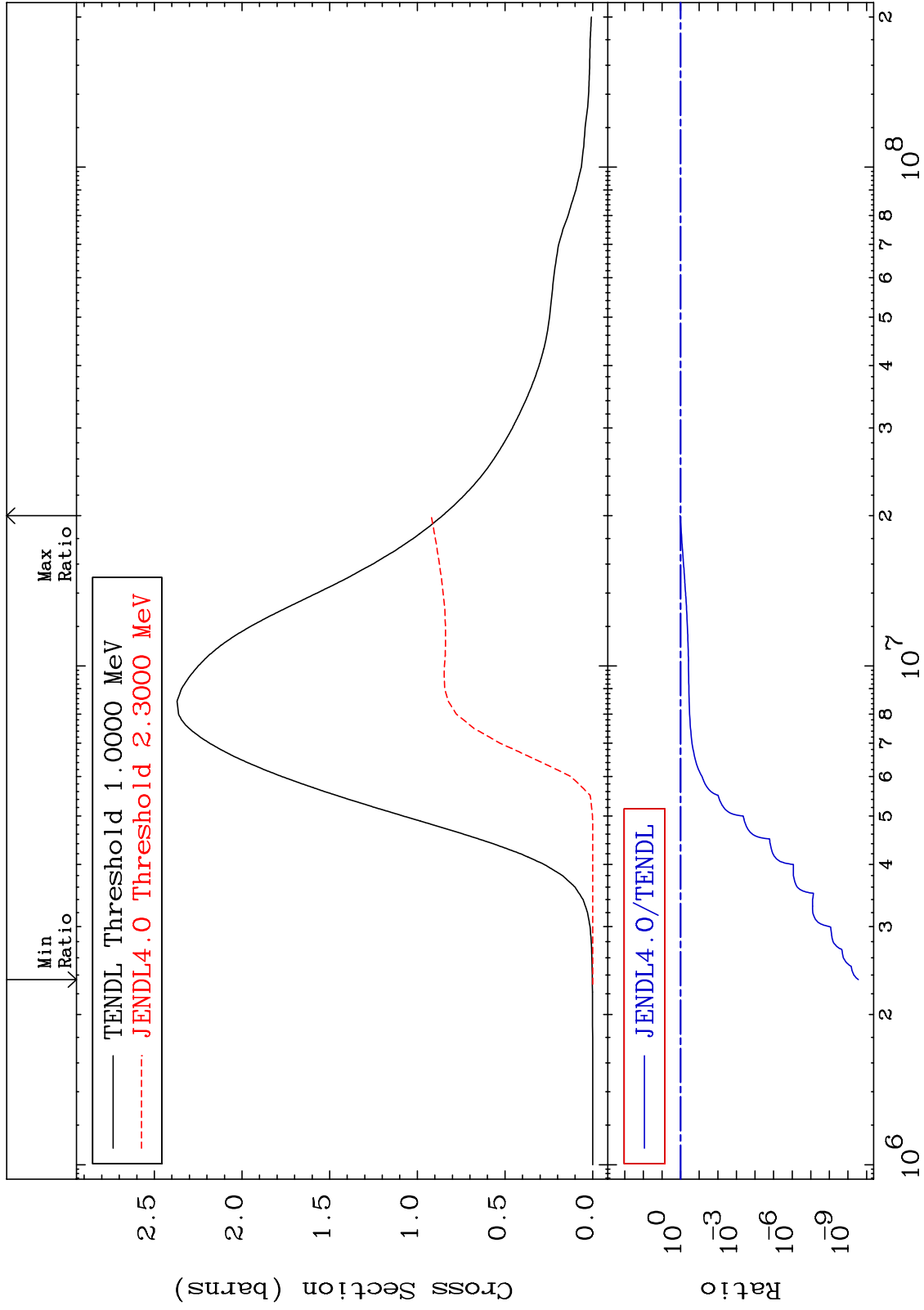
Incident Energy (eV)

93-Np-235

MAT 9340

(n, nf) Second Chance
Cross Section

93-Np-235
-100.0 To 7.538 %



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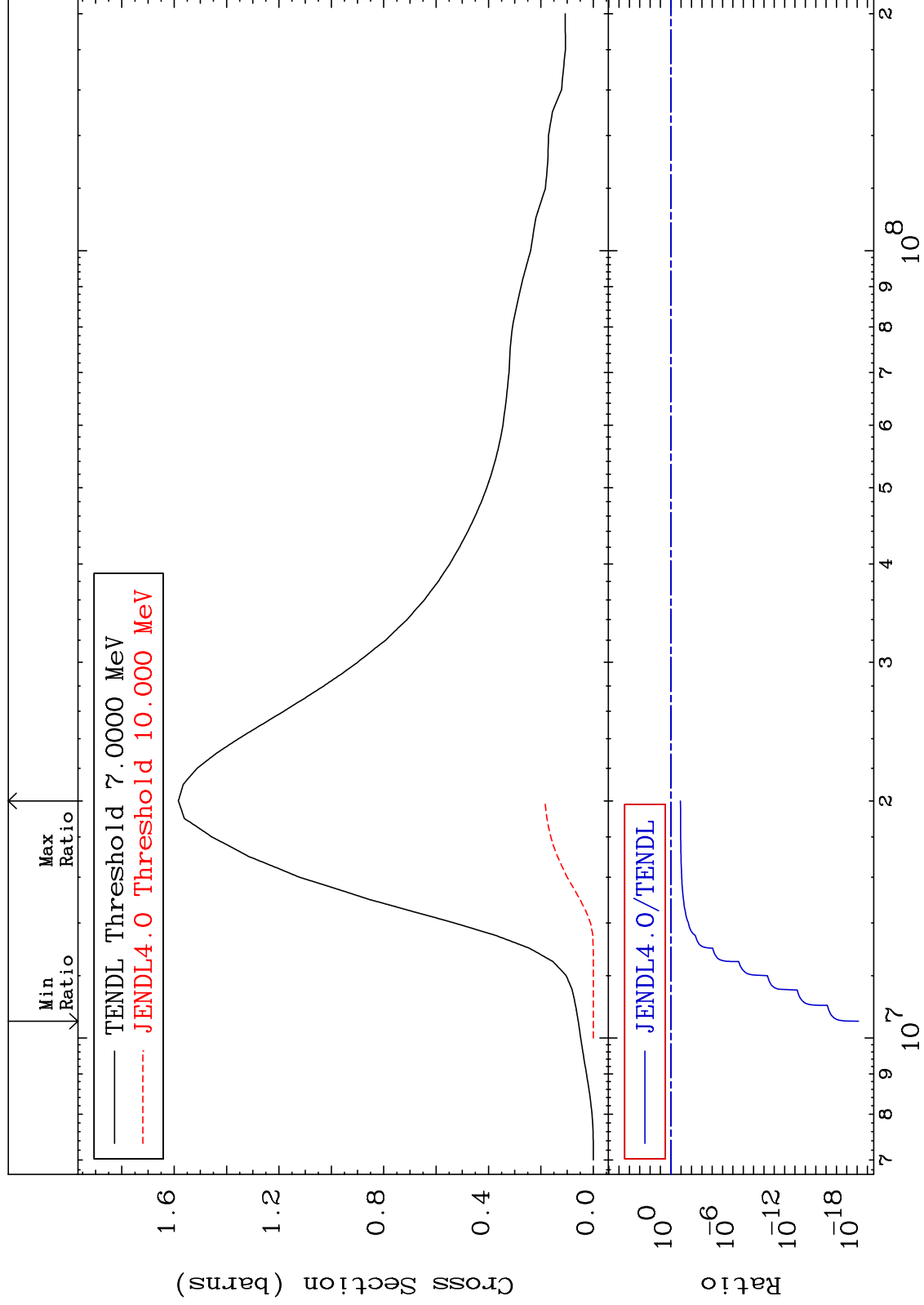
Incident Energy (eV)

93-Np-235

MAT 9340

(n,2nf) Third Chance
Cross Section

93-Np-235
-100.0 To -88.35%



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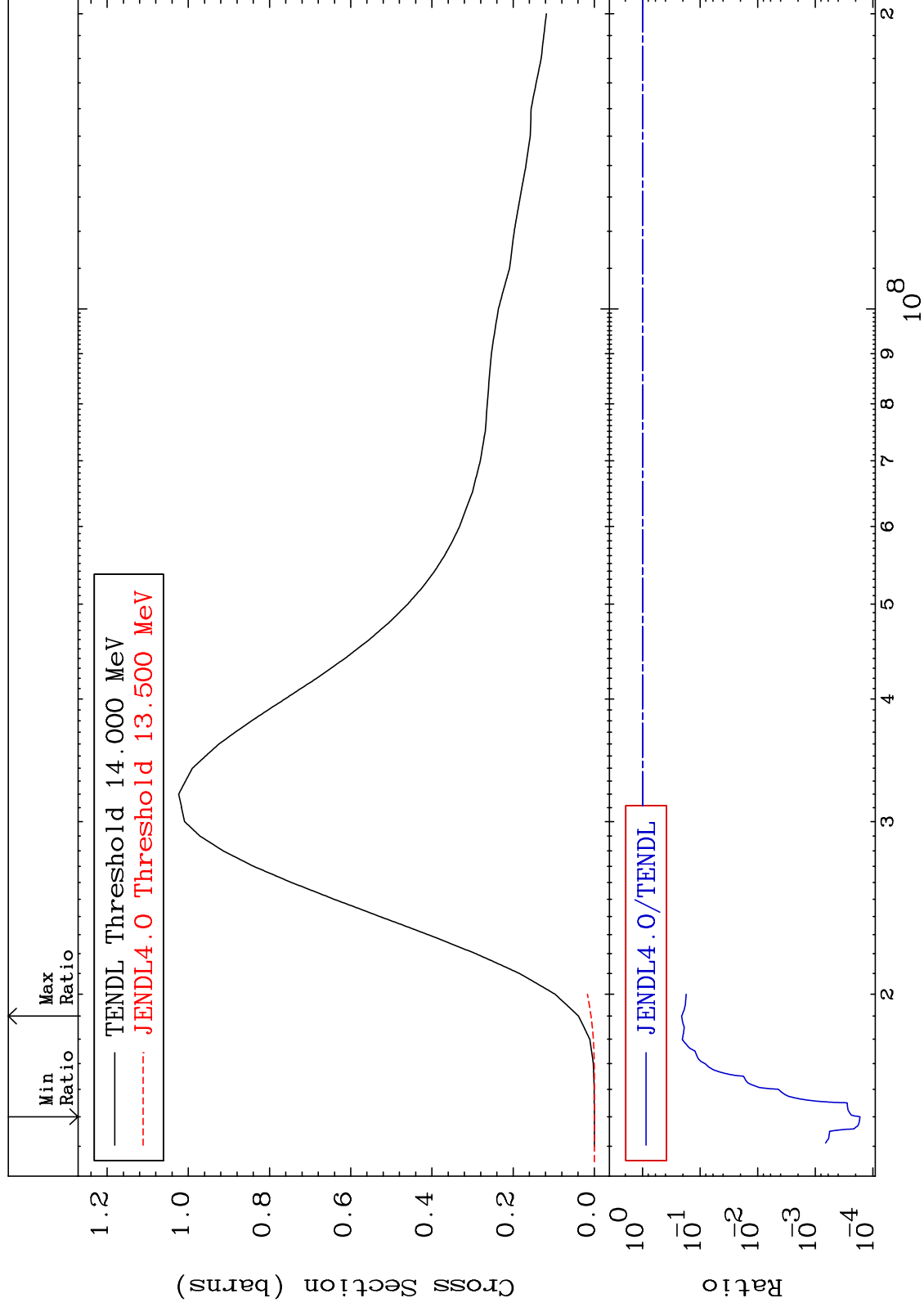
Incident Energy (eV)

93-Np-235

MAT 9340

(n,3nf) Fourth Chance
Cross Section

93-Np-235
-99.98 To -79.01%



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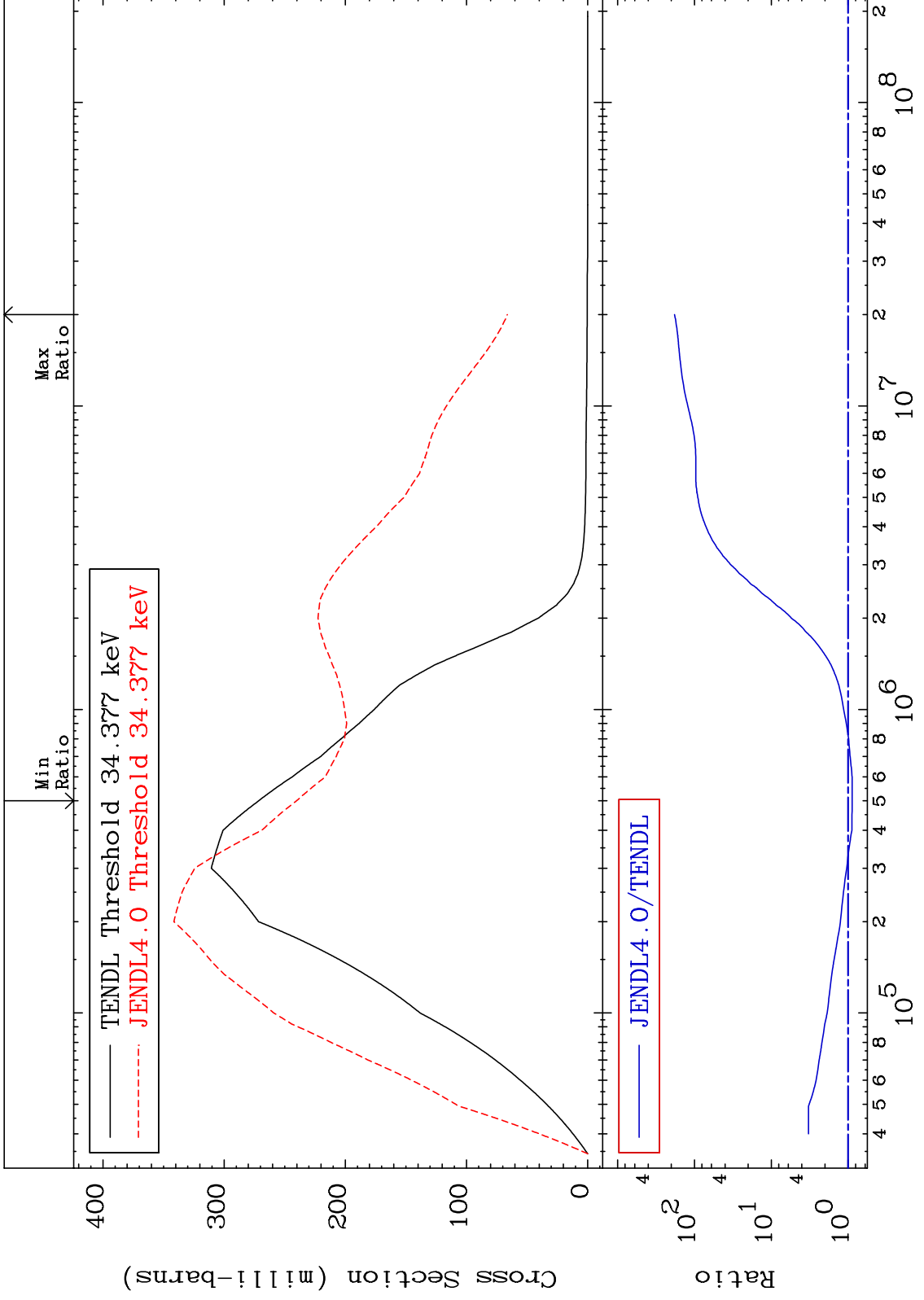
Incident Energy (eV)

93-Np-235

MAT 9340

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

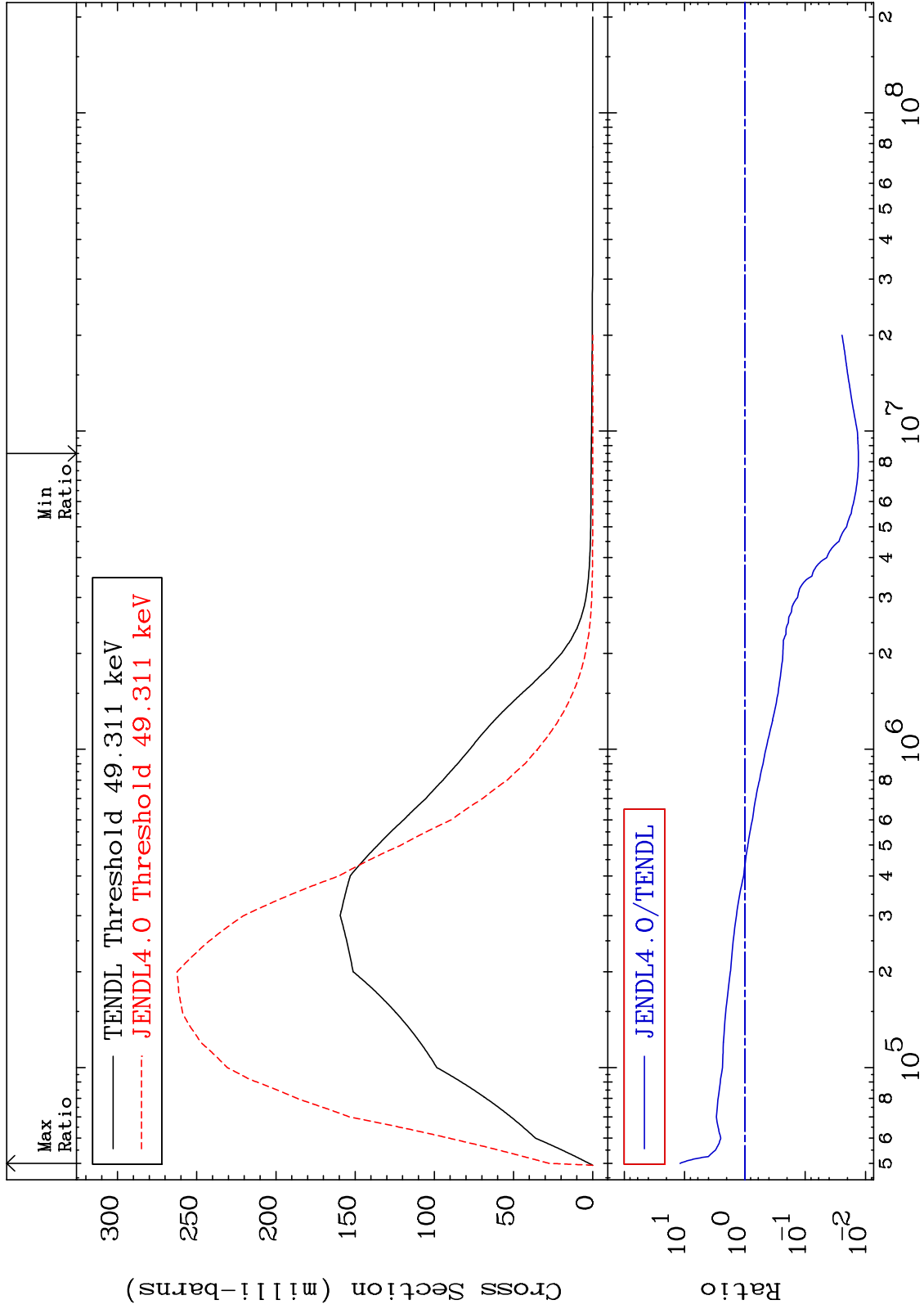
93-Np-235
-11.53 To 9999. %



MAT 9340

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

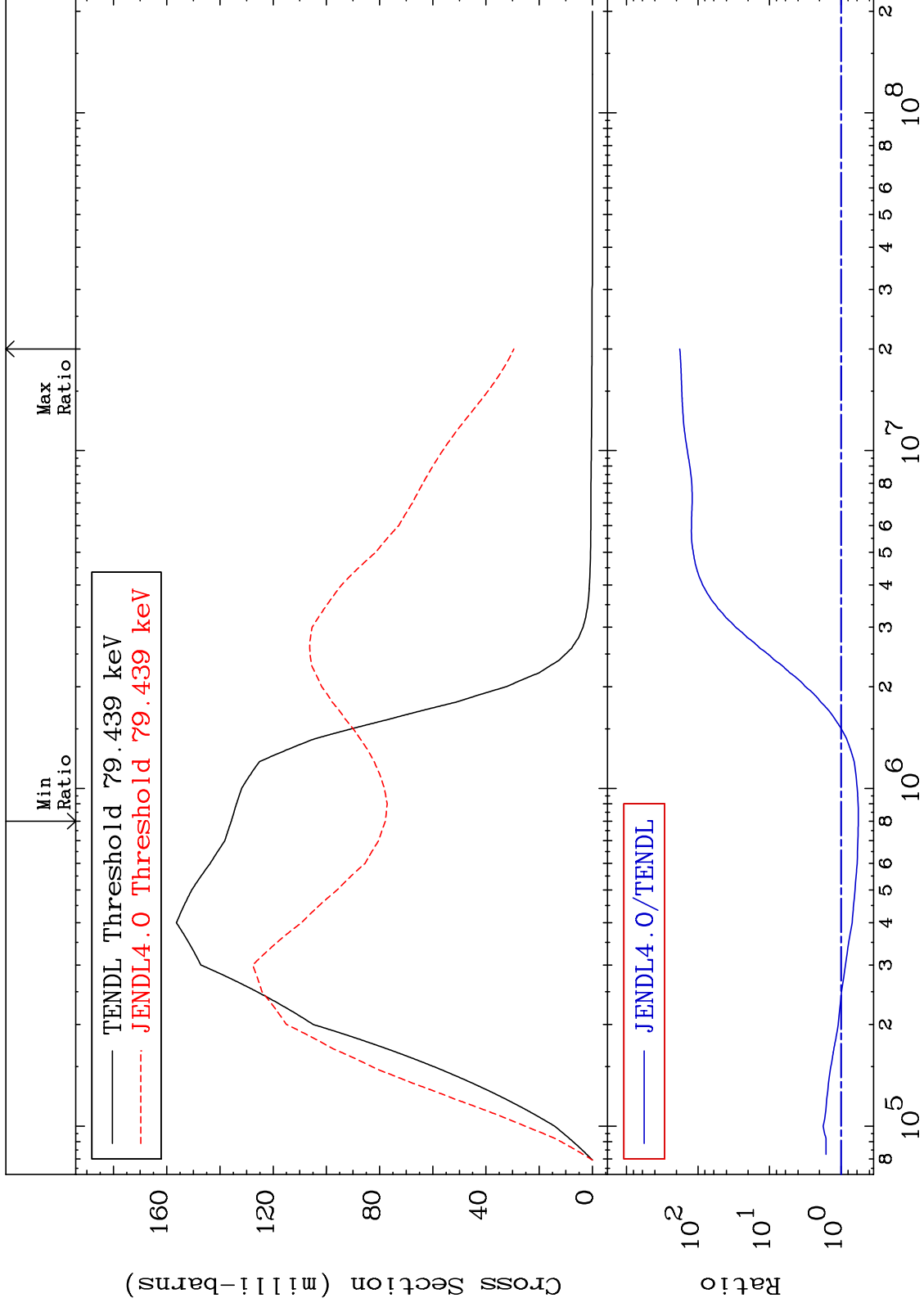
93-Np-235
-98.69 To 1089. %



MAT 9340

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

93-Np-235
-42.68 To 9999. %



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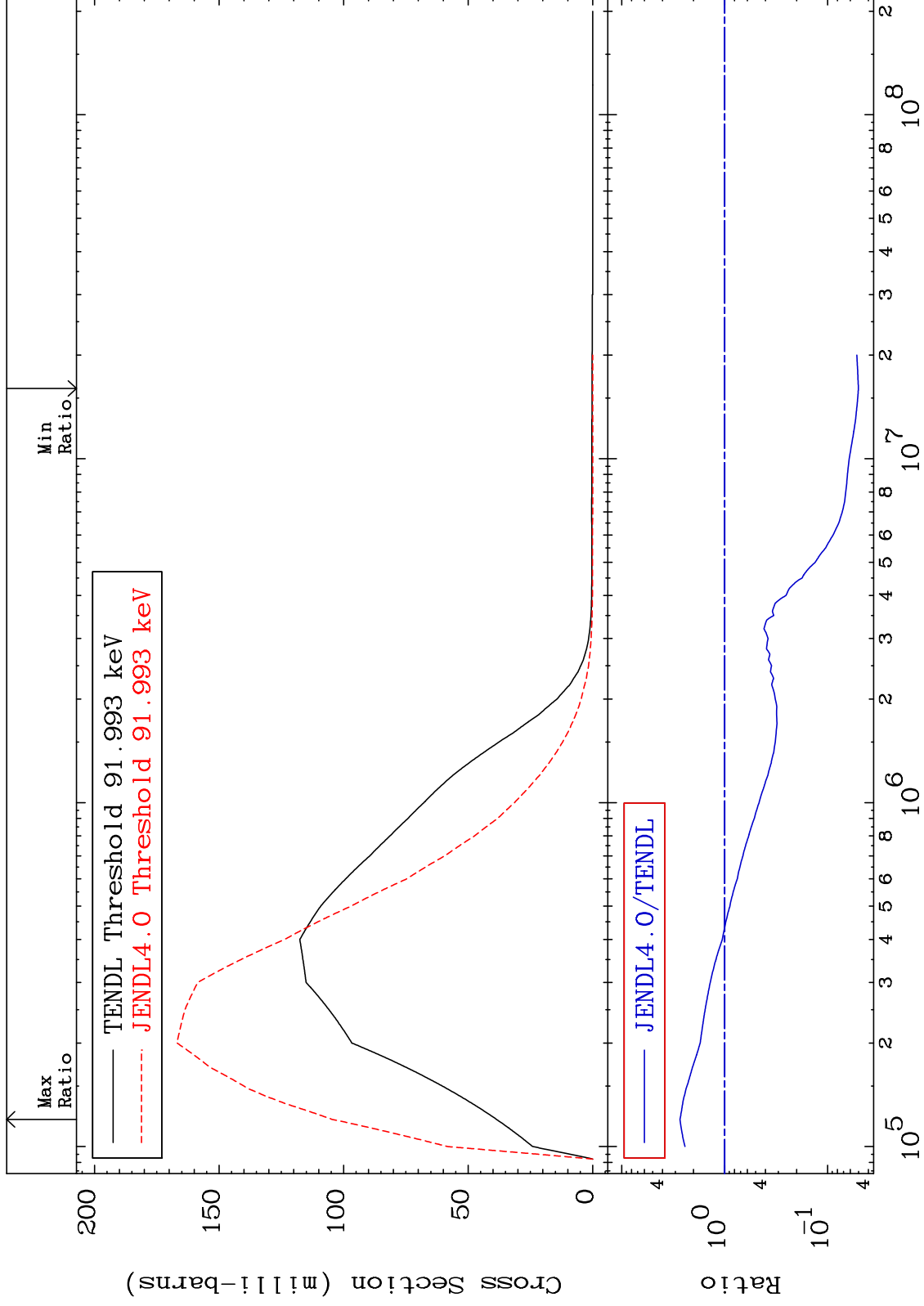
Incident Energy (eV)

93-Np-235

MAT 9340

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

93-Np-235
-94.99 To 170.8 %



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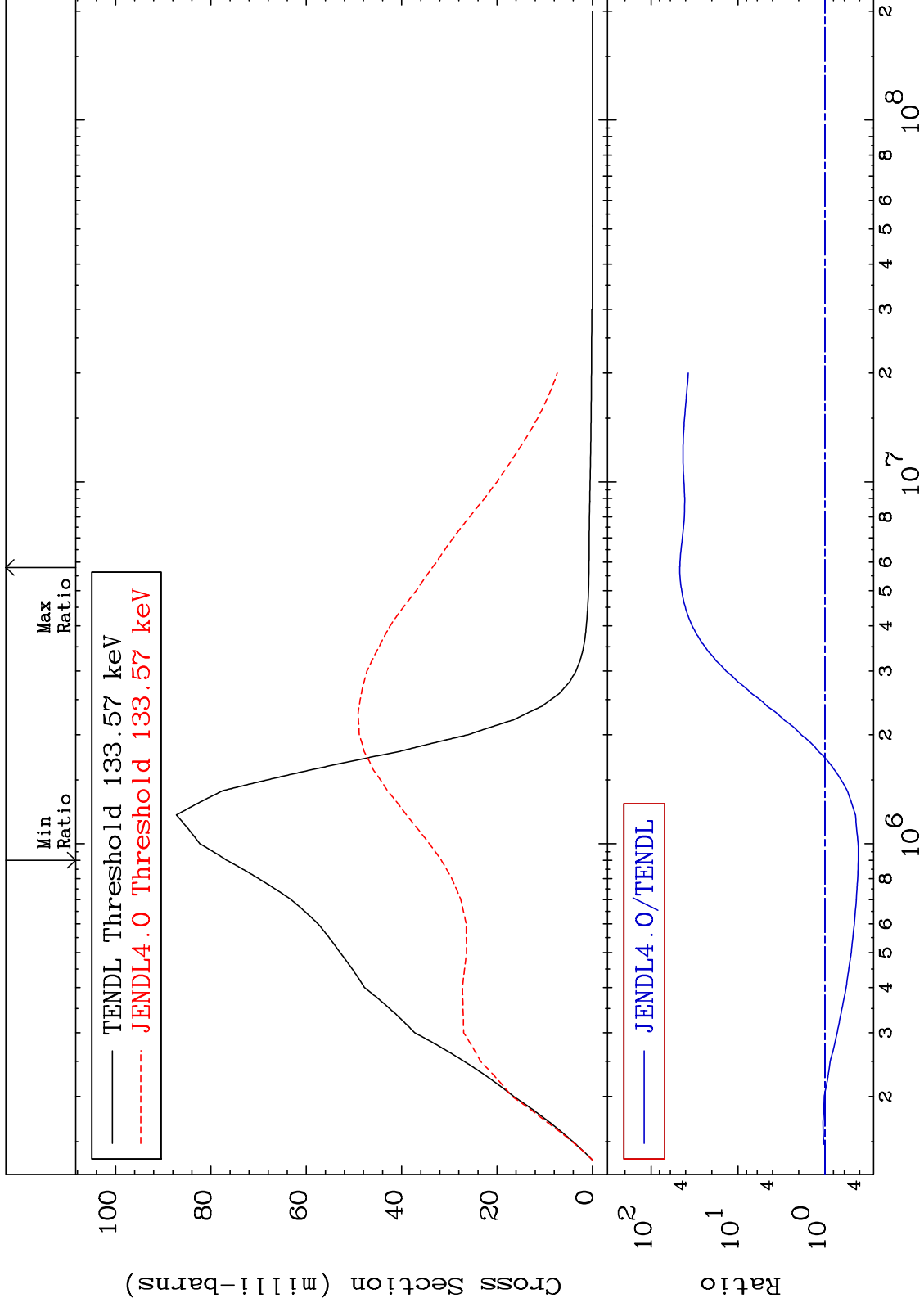
Incident Energy (eV)

93-Np-235

MAT 9340

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

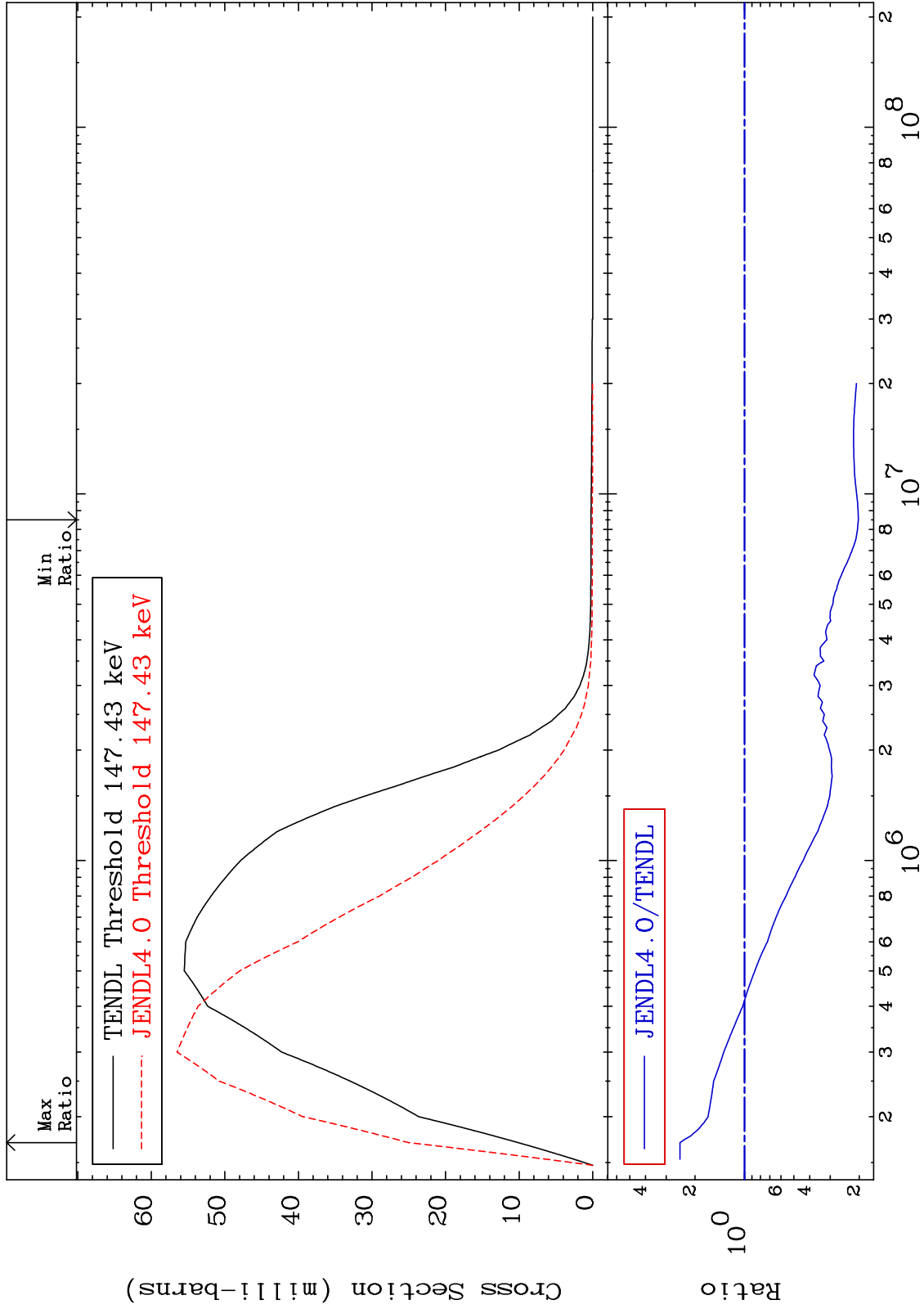
93-Np-235
-58.67 To 4569. %



MAT 9340

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

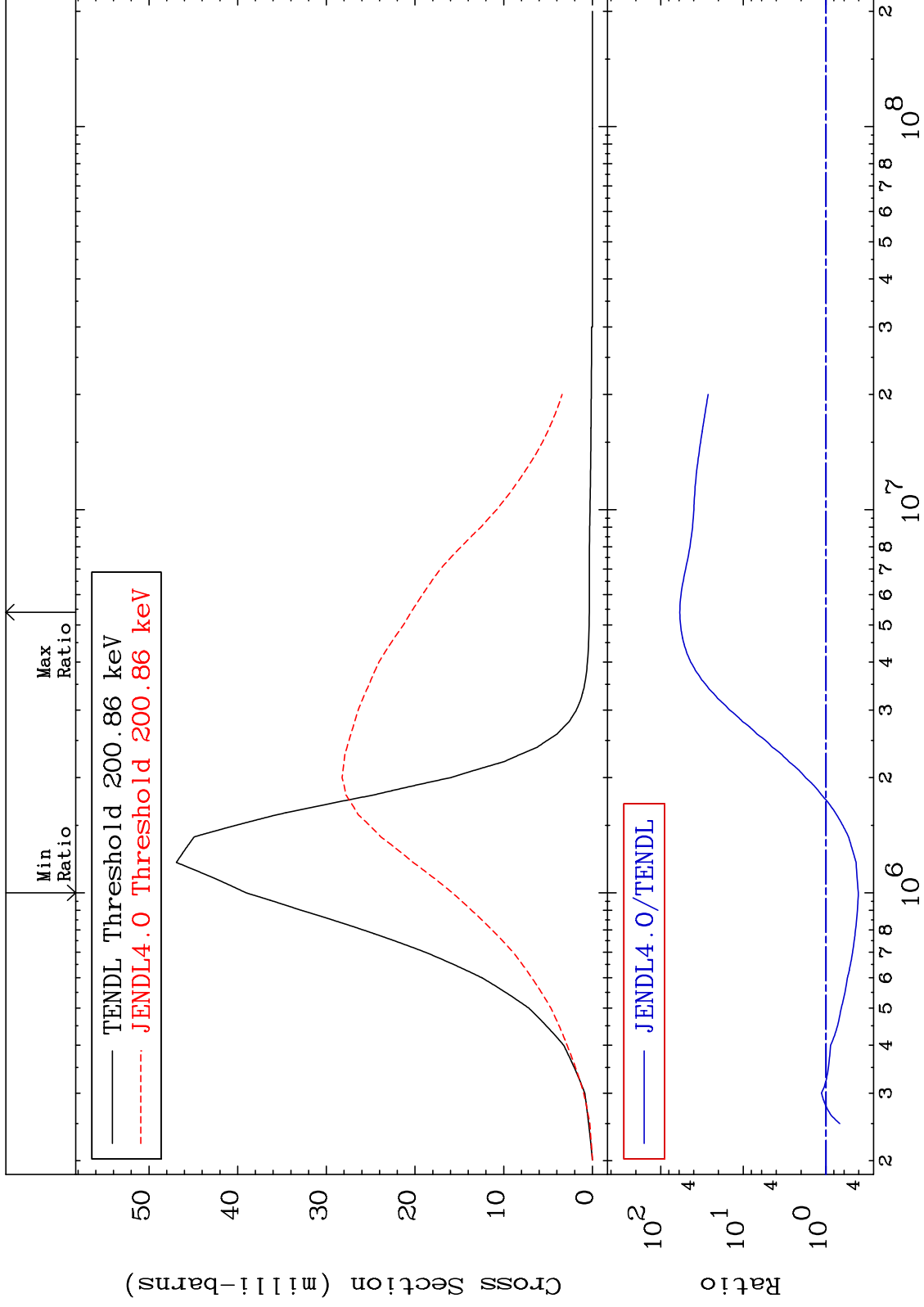
93-Np-235
-79.77 To 146.8 %



MAT 9340

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

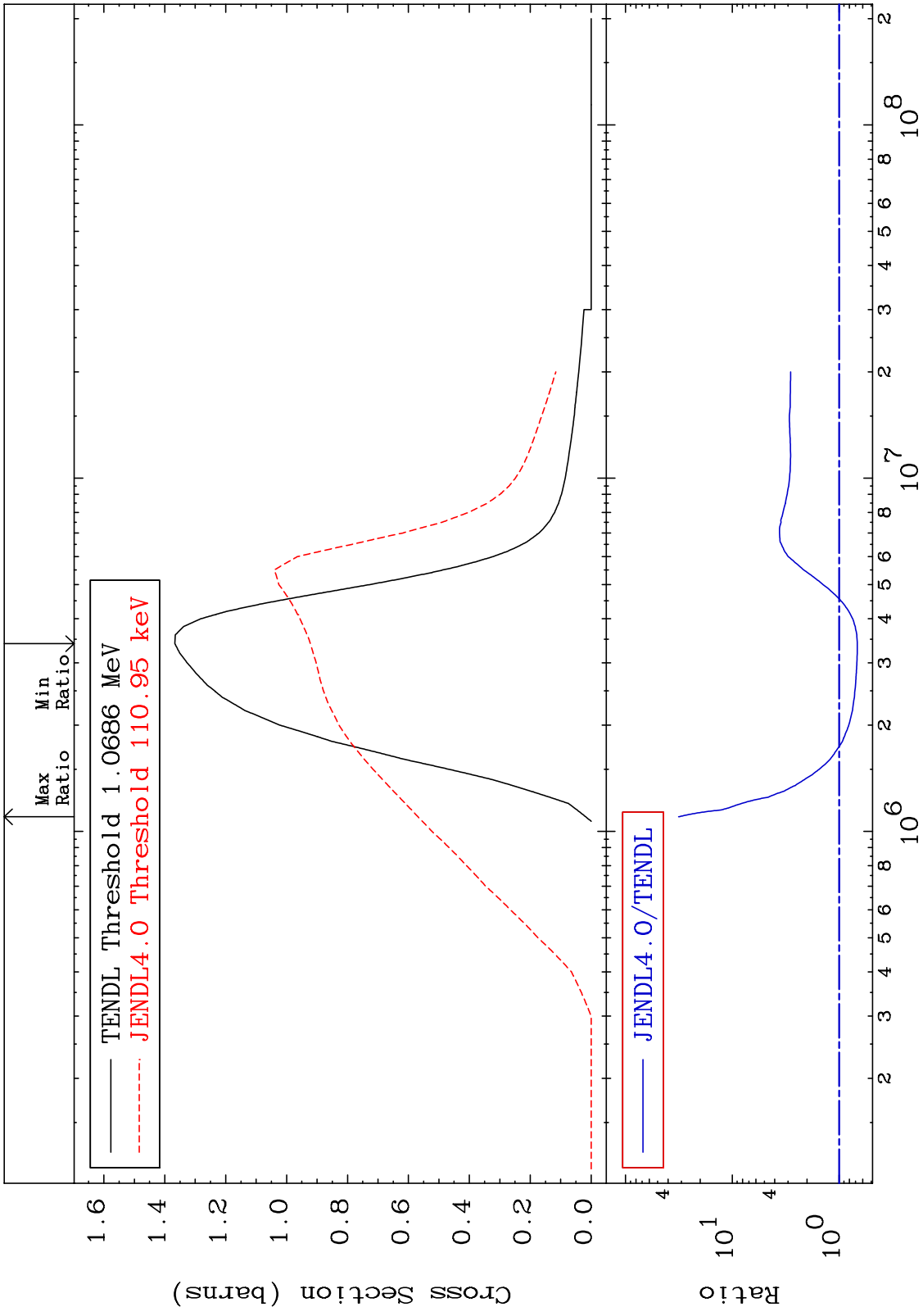
93-Np-235
-59.55 To 5778. %



MAT 9340

(n, n') Continuum
Cross Section

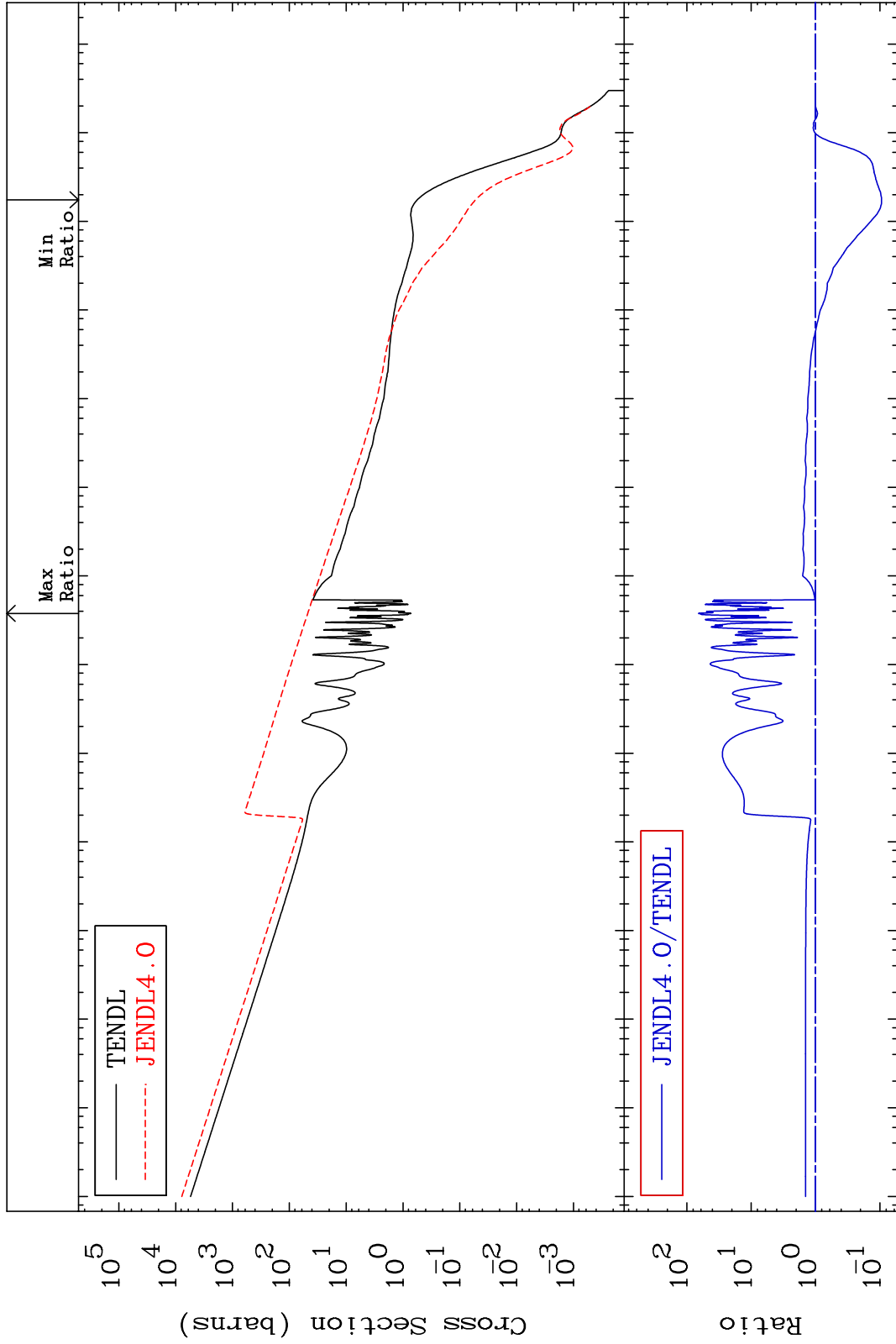
93-Np-235
-32.55 To 3082. %



MAT 9340

(n, γ)
Cross Section

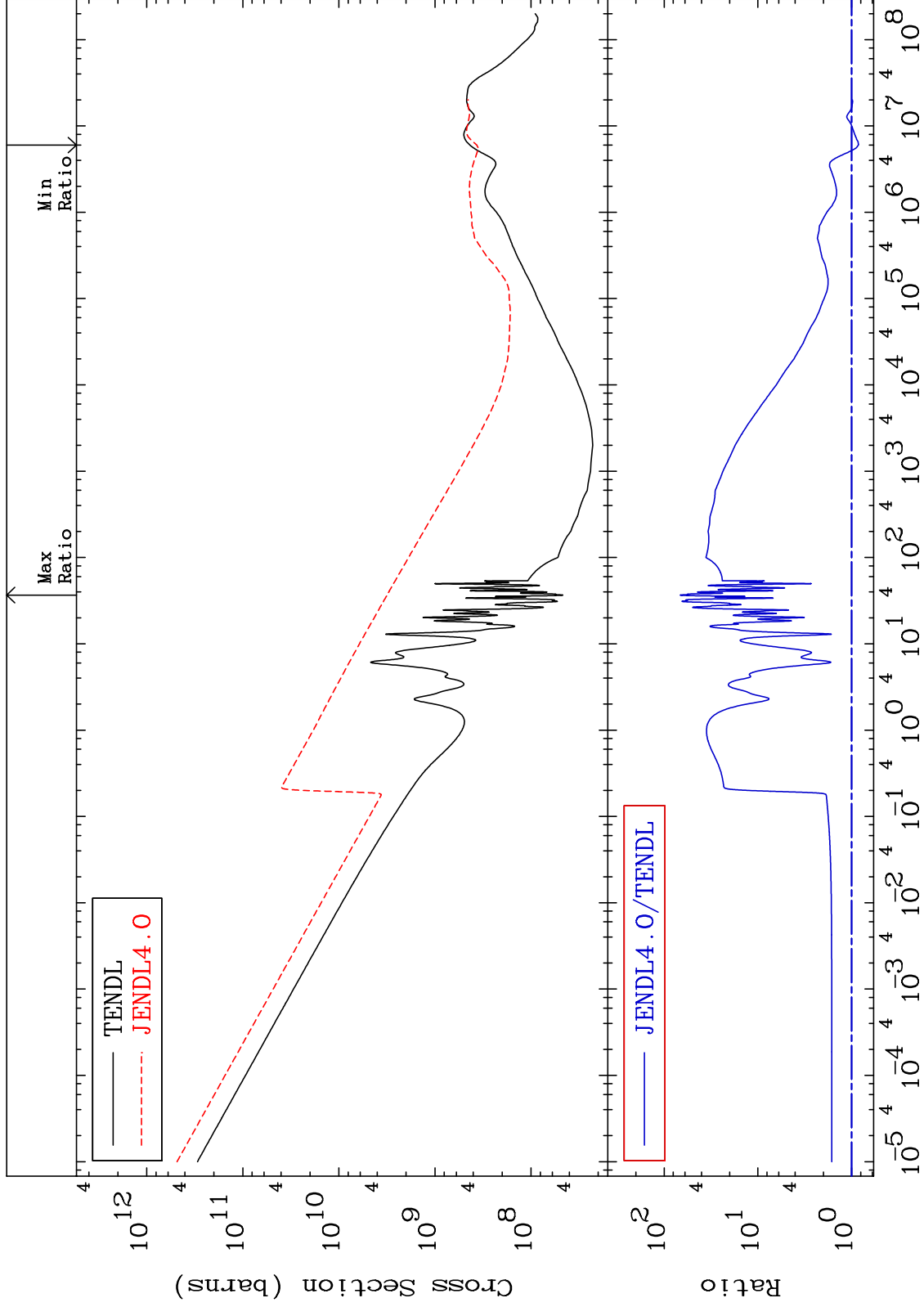
93-Np-235
-90.57 To 6511. %



MAT 9340

Kerma total (eV-barns)
Cross Section

93-Np-235
-15.41 To 6672. %



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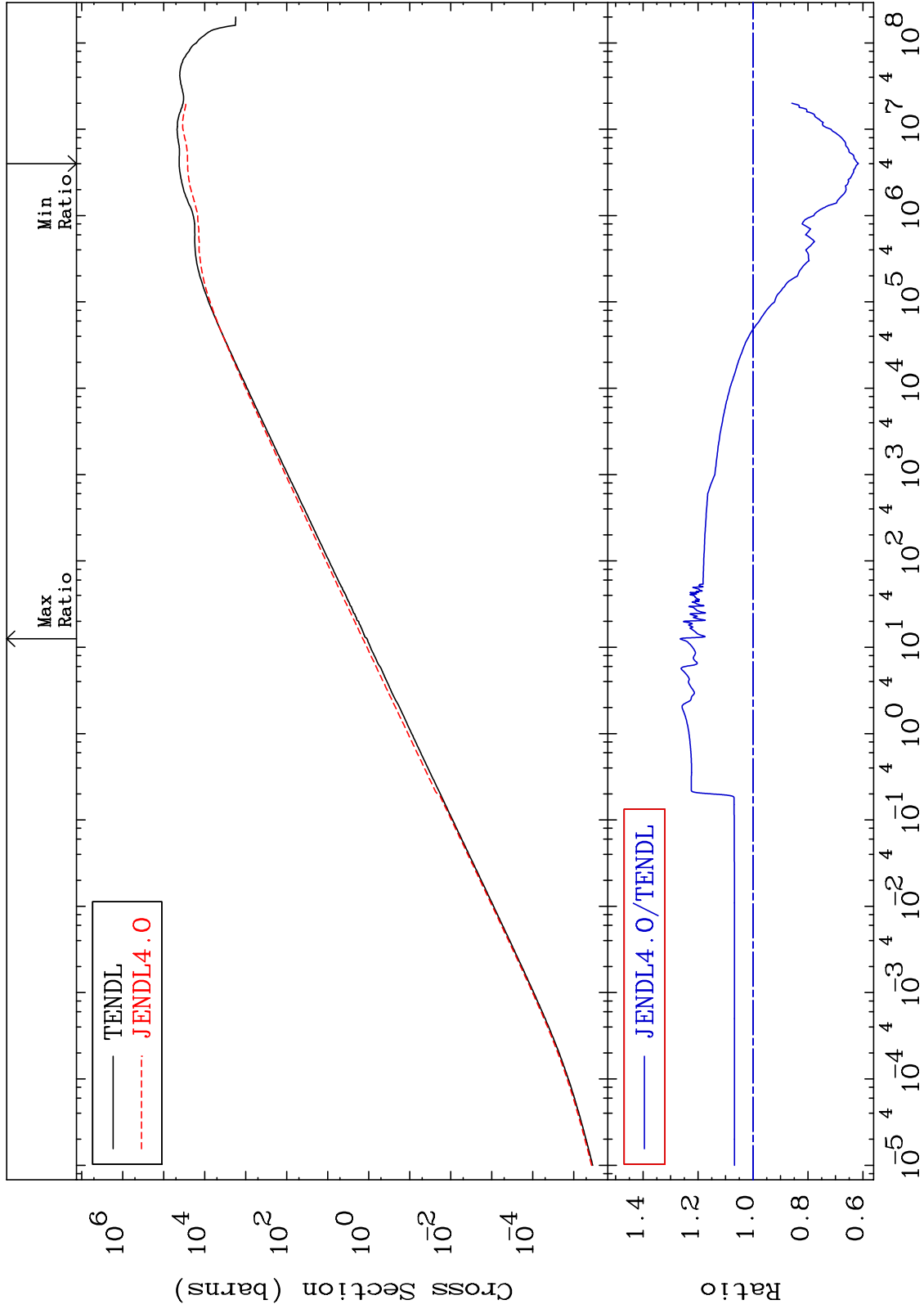
Incident Energy (eV)

93-Np-235

MAT 9340

Kerma elastic
Cross Section

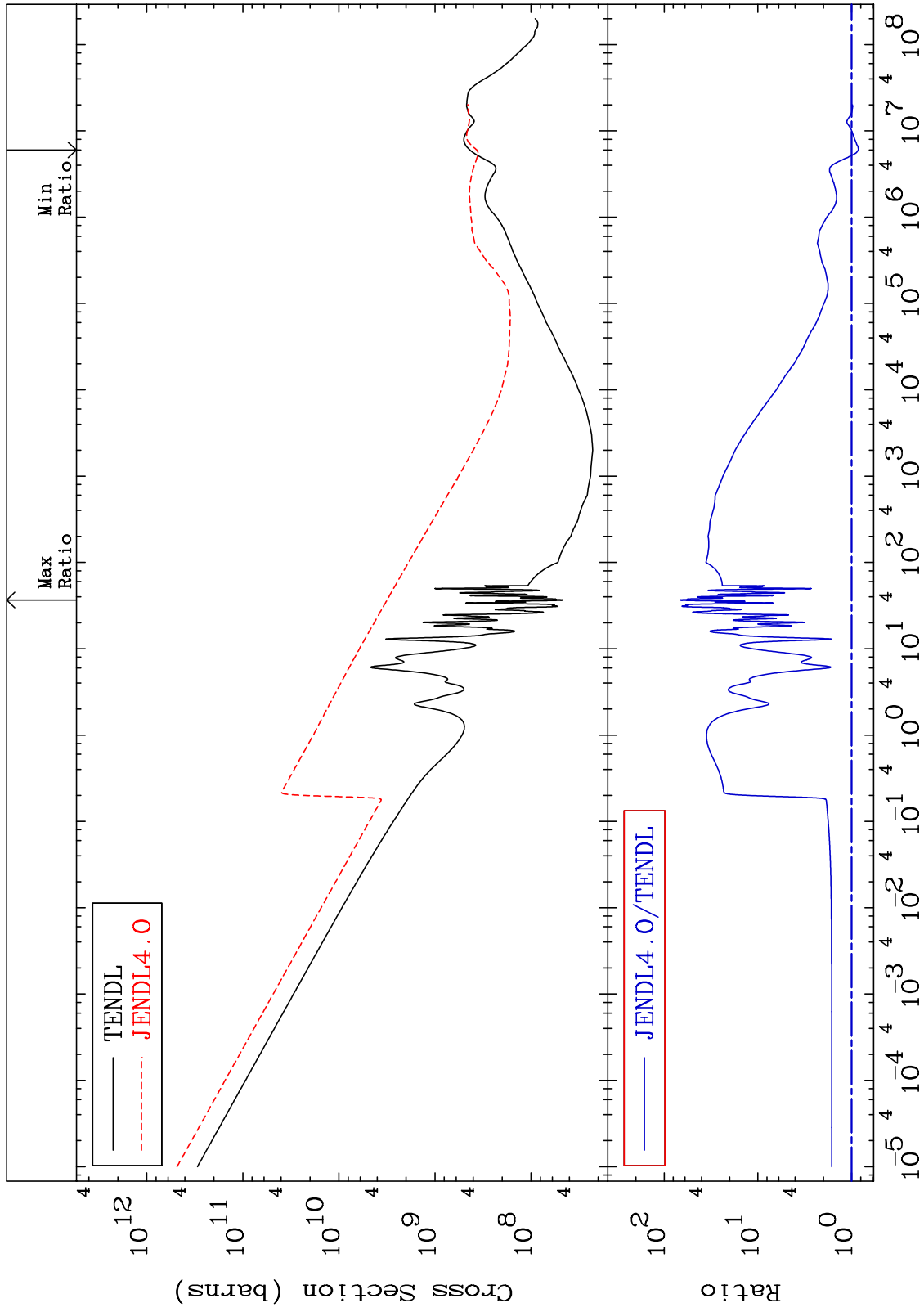
93-Np-235
-38.36 To 26.54 %



MAT 9340

Kerma non-elastic (all but mt2)
Cross Section

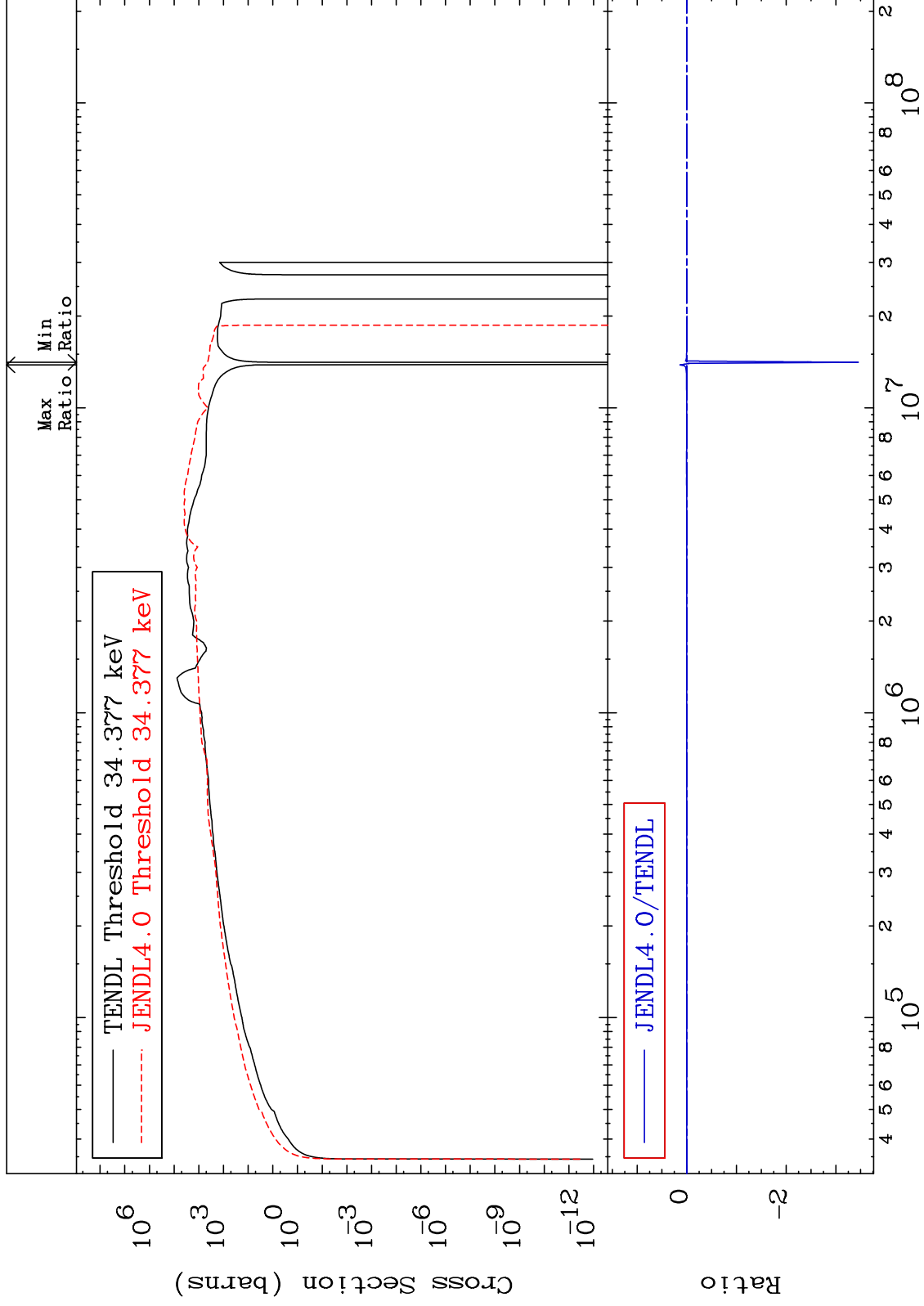
93-Np-235
-15.41 To 6672. %



MAT 9340

Kerma inelastic (mt51-91)
Cross Section

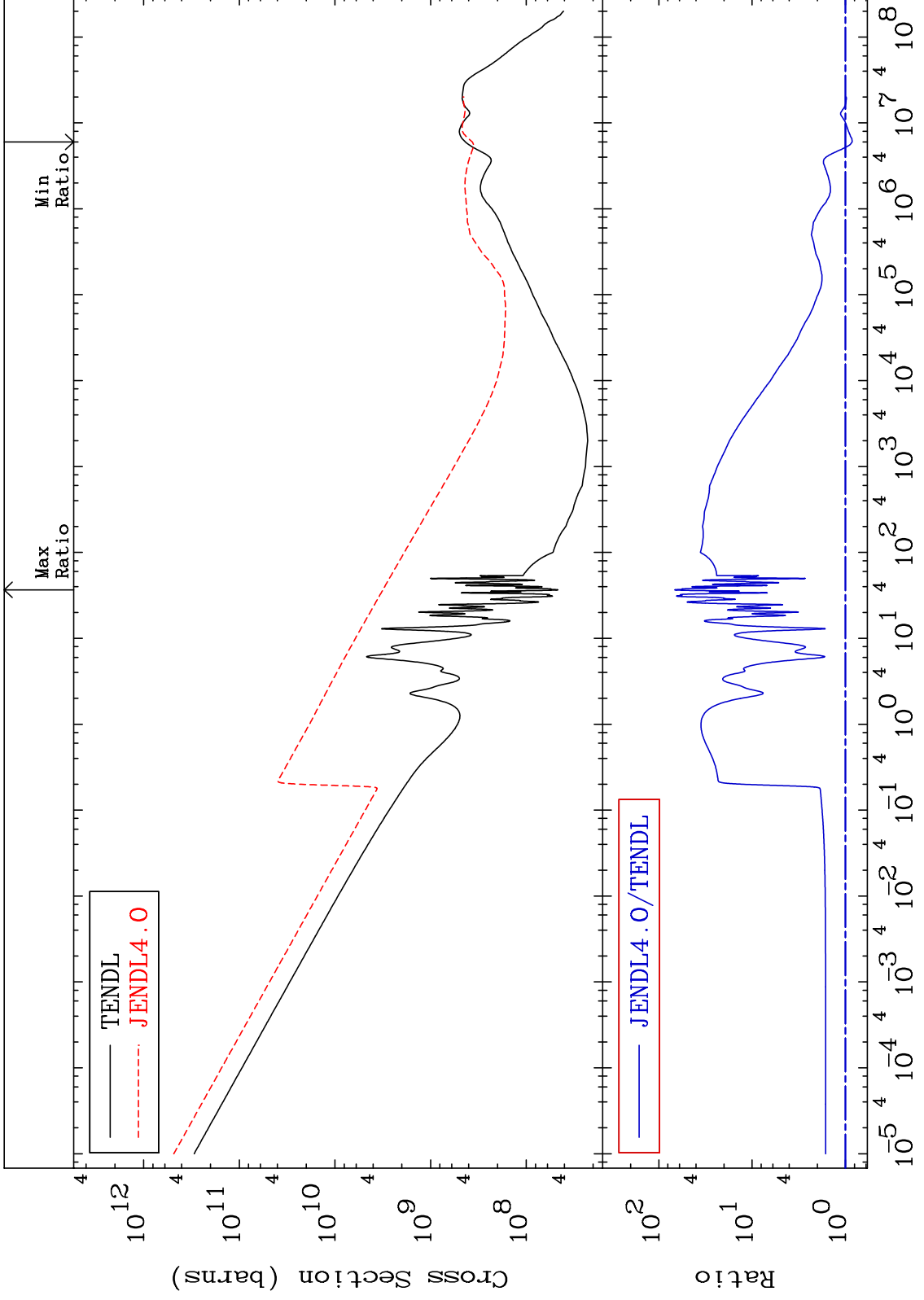
93-Np-235
-9999. To 9999. %



MAT 9340

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

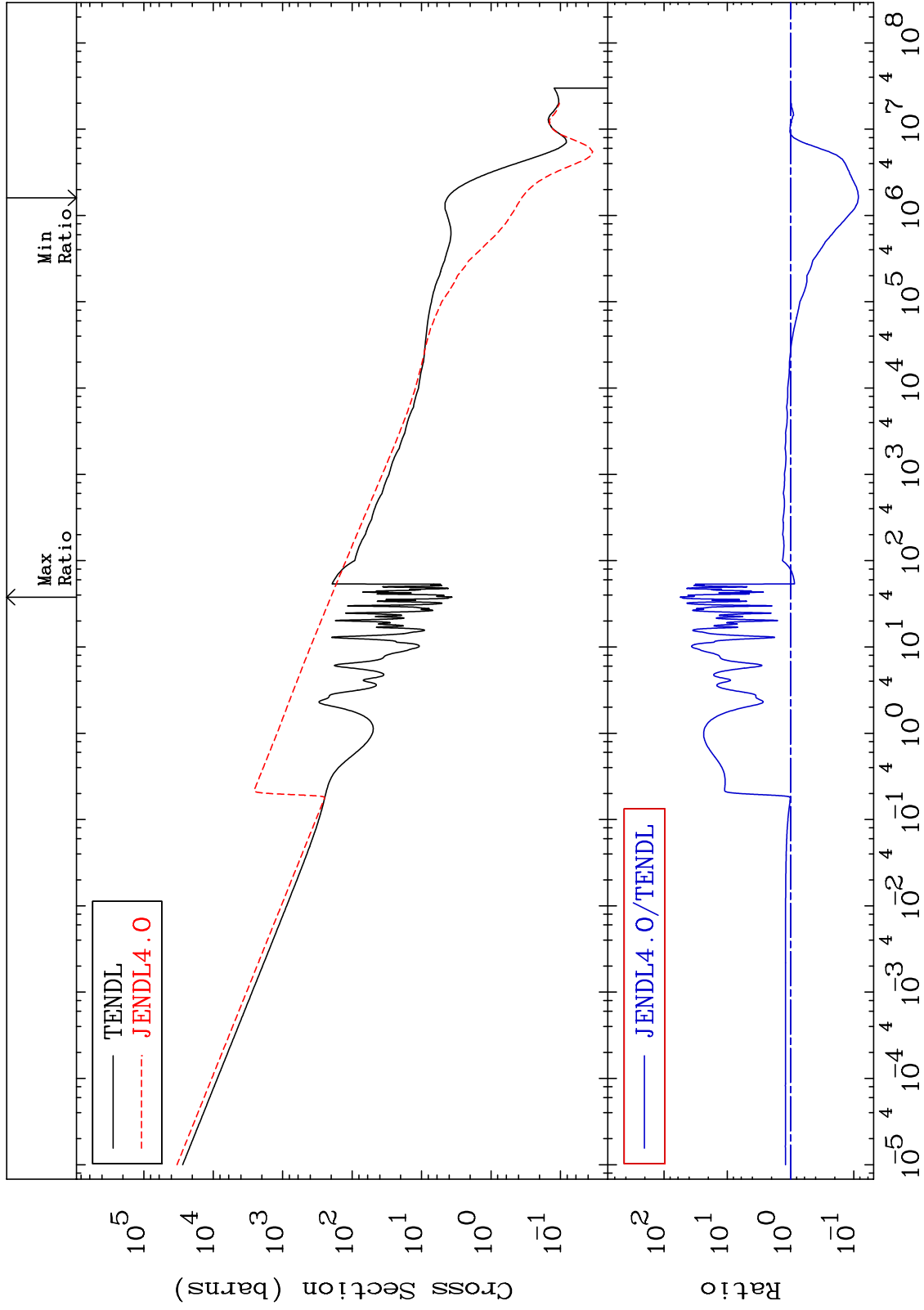
93-Np-235
-15.41 To 6672. %



MAT 9340

Kerma capture (mt102)
Cross Section

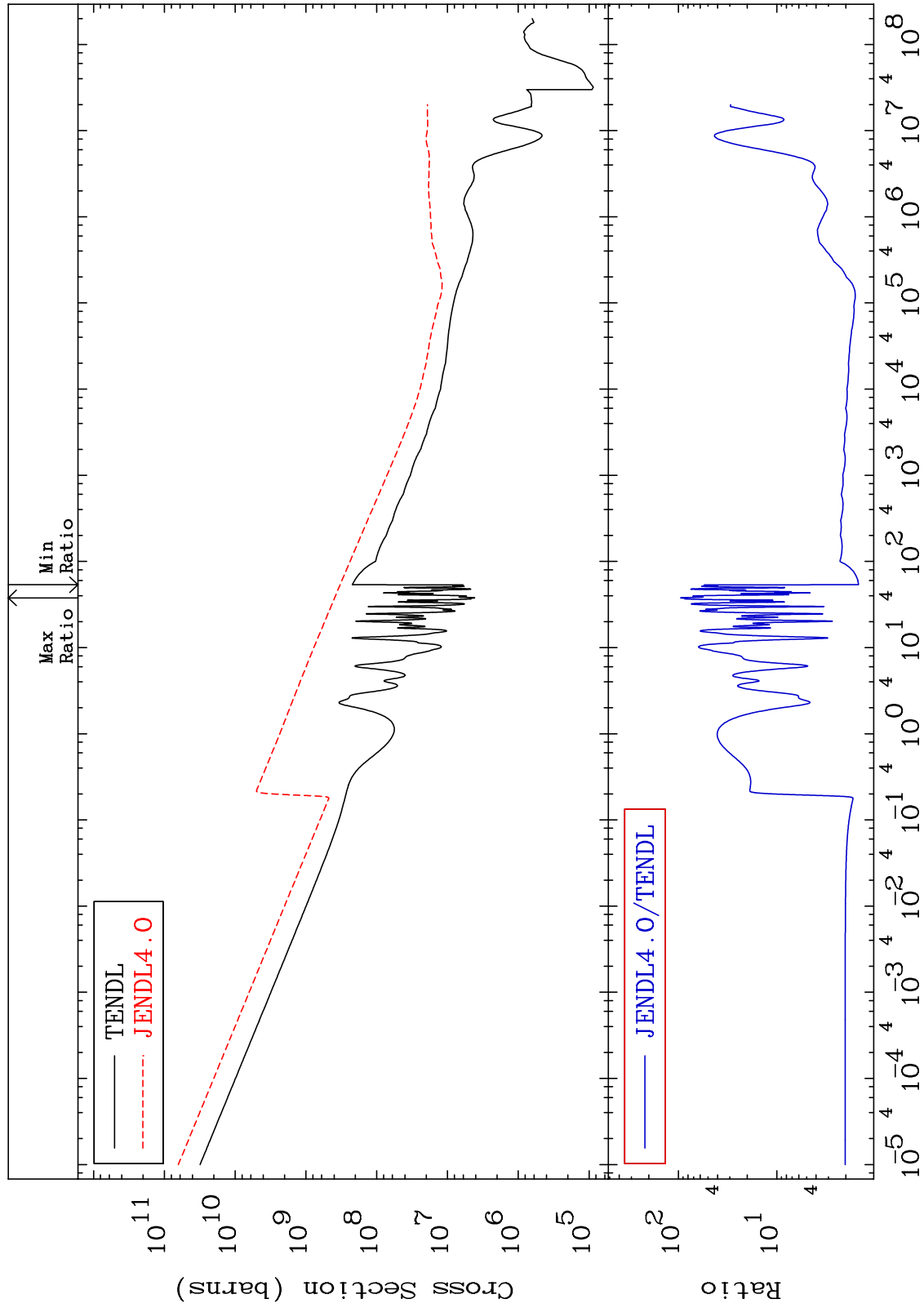
93-Np-235
-91.54 To 5479. %



MAT 9340

Total photon (eV-barns)
Cross Section

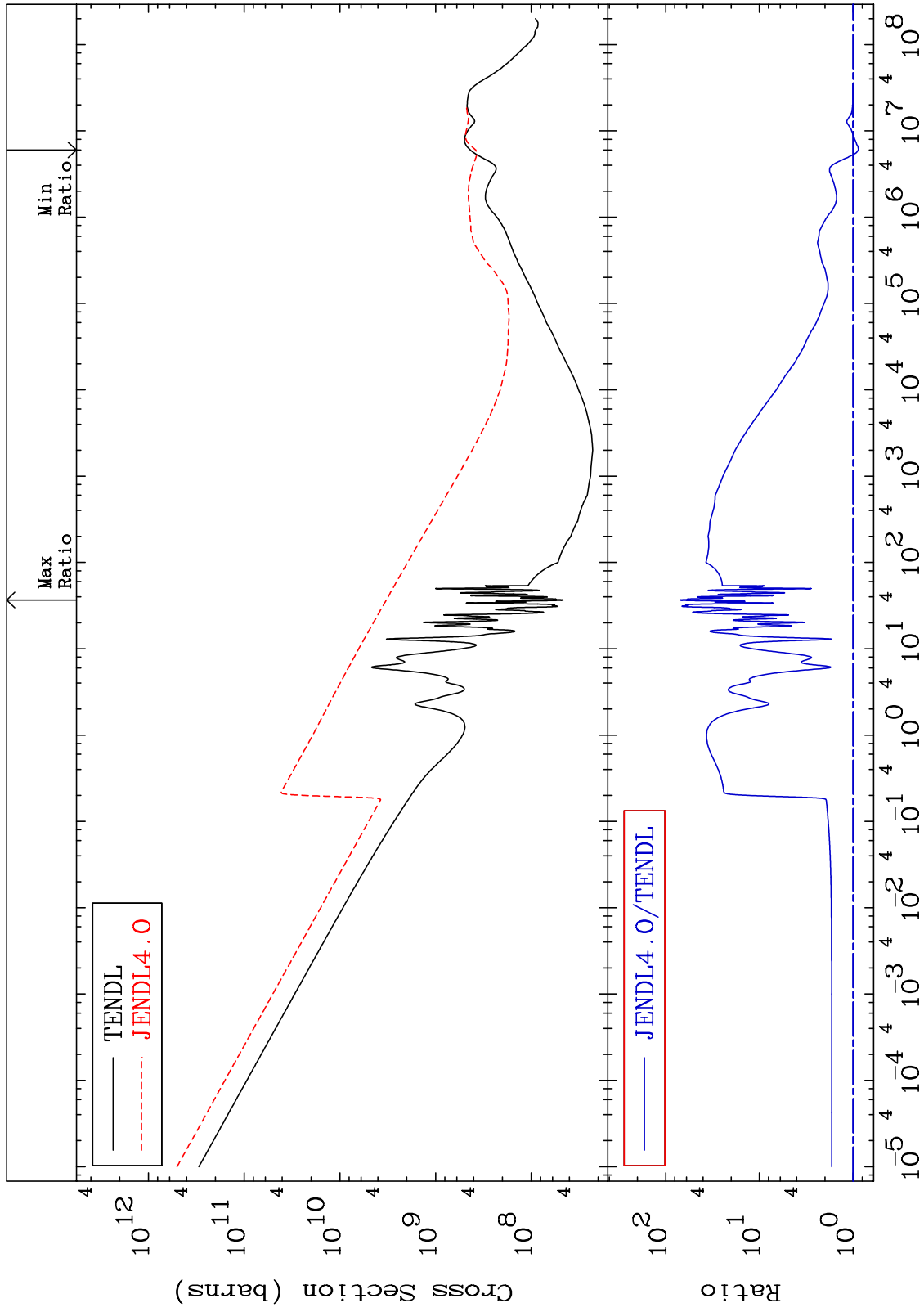
93-Np-235
48.37 To 9433. %



MAT 9340

Total kinematic kerma (high limit)
Cross Section

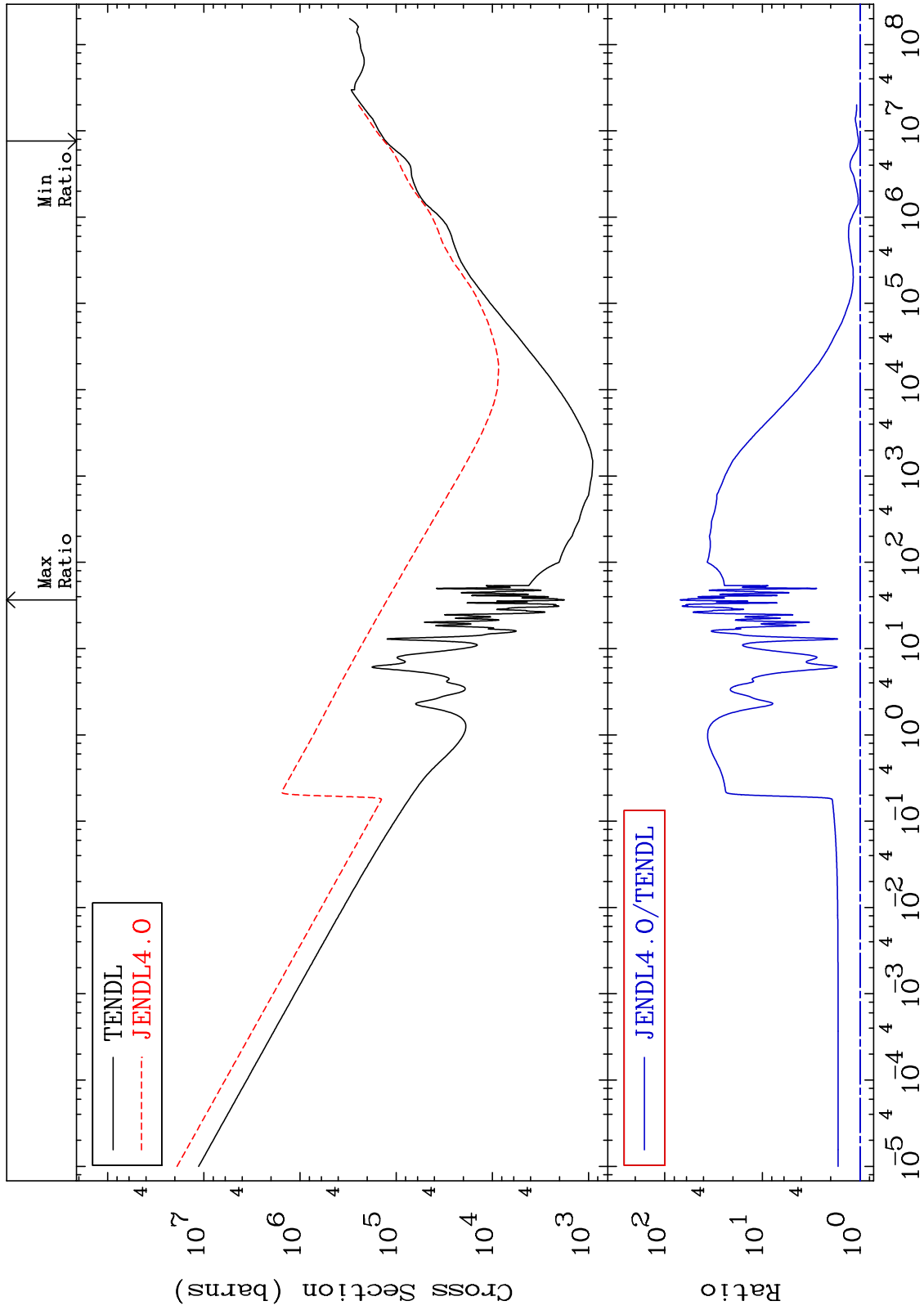
93-Np-235
-12.10 To 6935. %



MAT 9340

Dpa total (eV-barns)
Cross Section

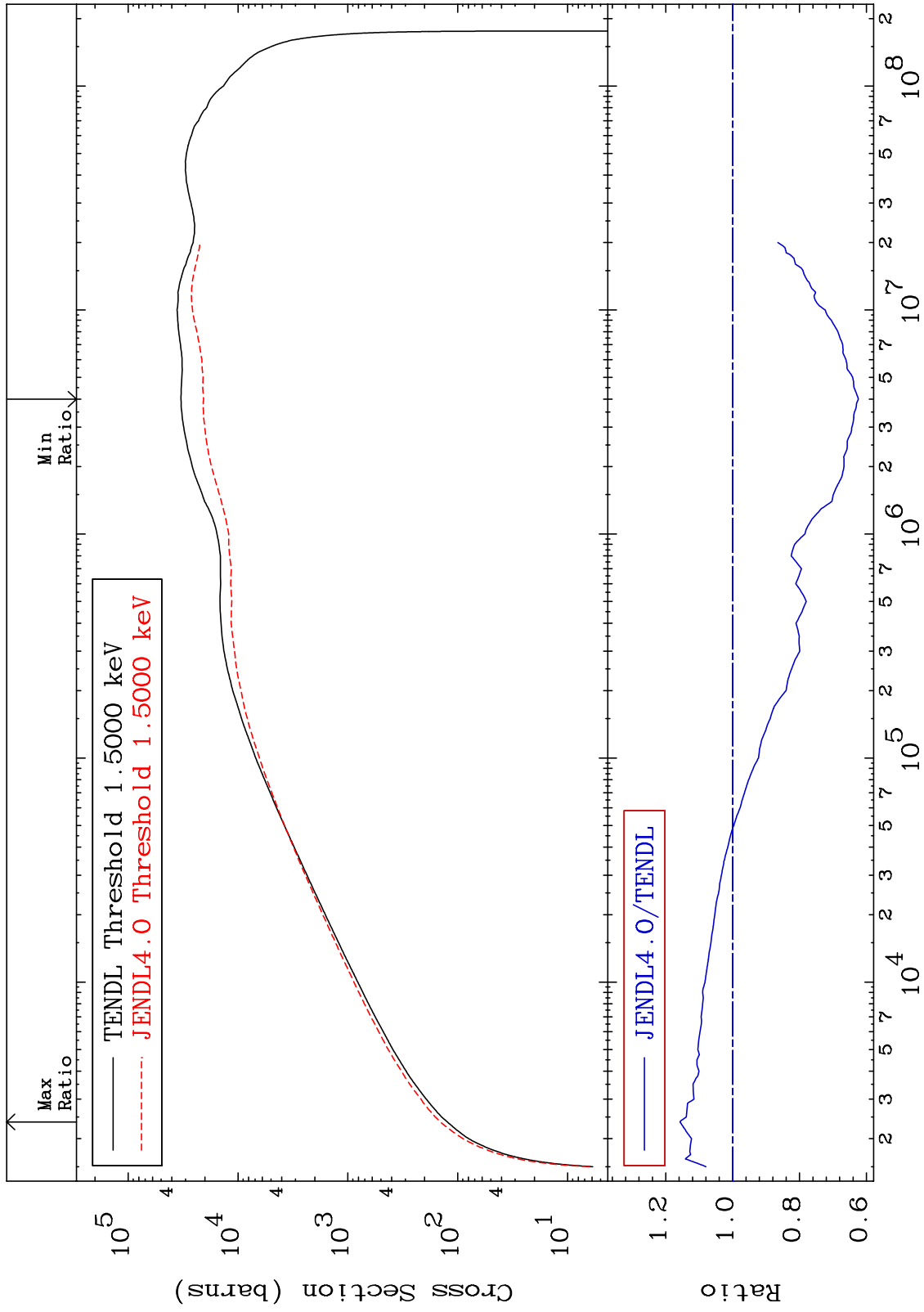
93-Np-235
3.832 To 6873. %



MAT 9340

Dpa elastic (mt2)
Cross Section

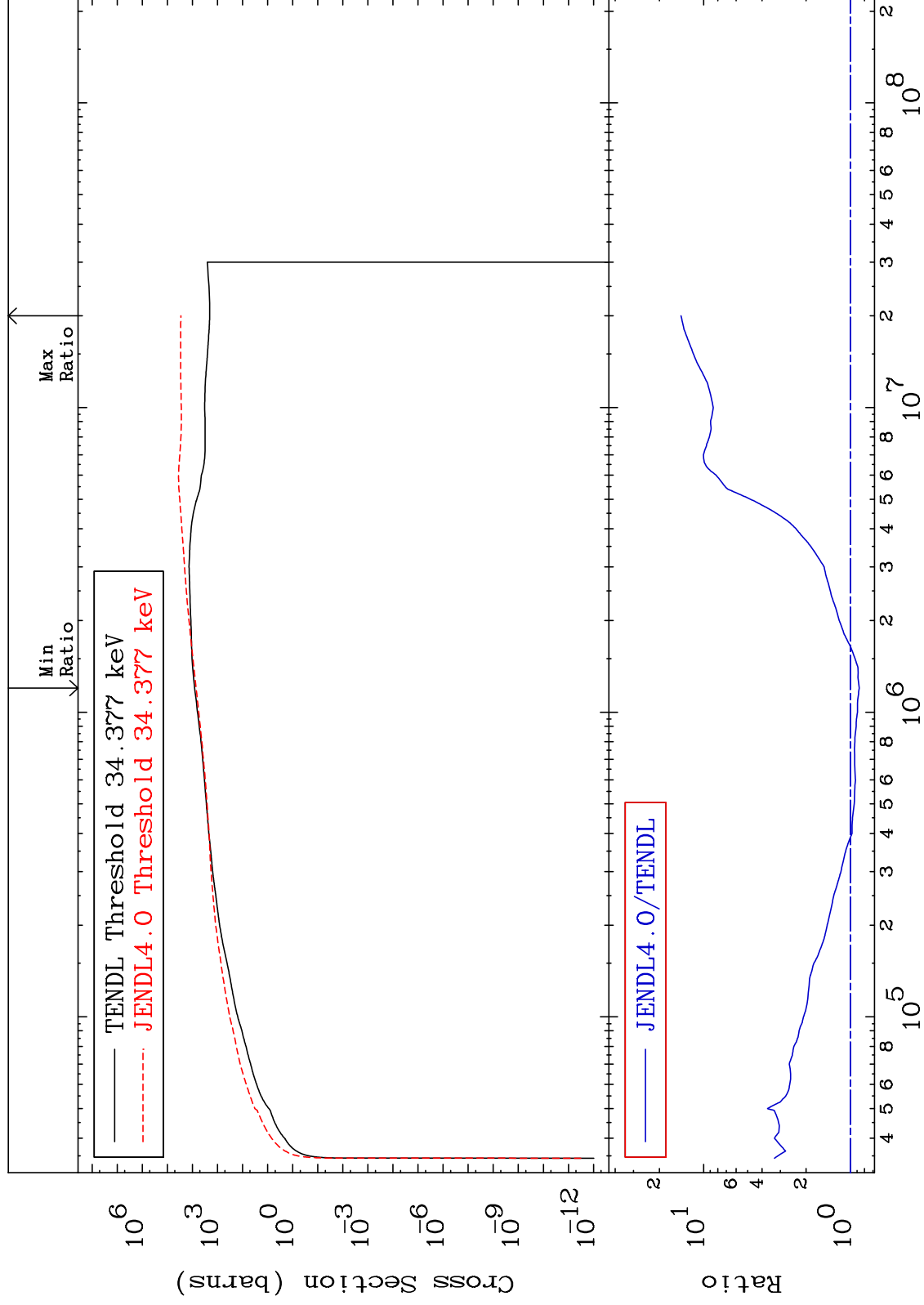
93-Np-235
-37.60 To 15.75 %



MAT 9340

Dpa inelastic (mt51-91)
Cross Section

93-Np-235
-13.15 To 1323. %



MAT 9340

Dpa disappearance (mt102 -120)
Cross Section

93-Np-235
-100.0 To 7573. %

