

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

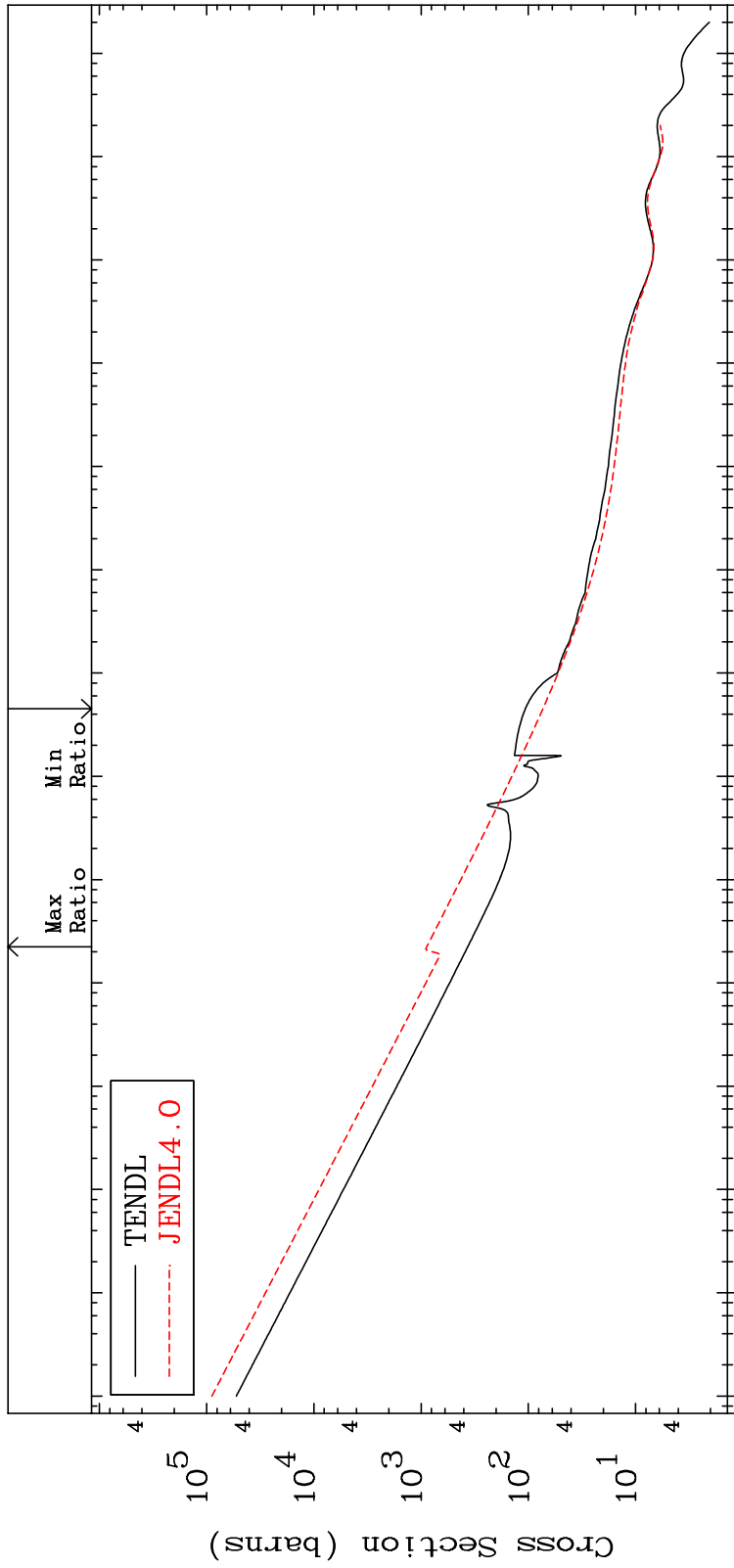
MAT 9540

Total

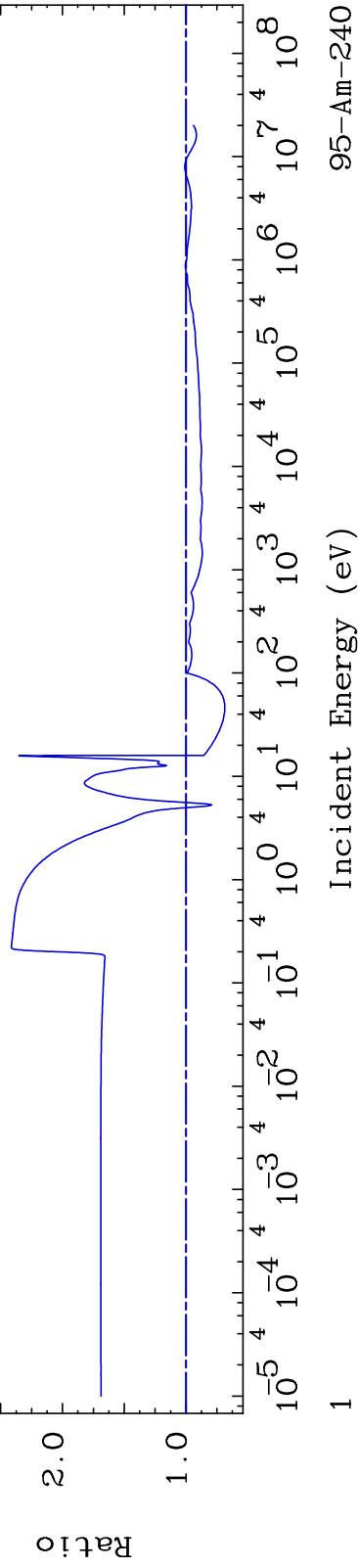
95-Am-240

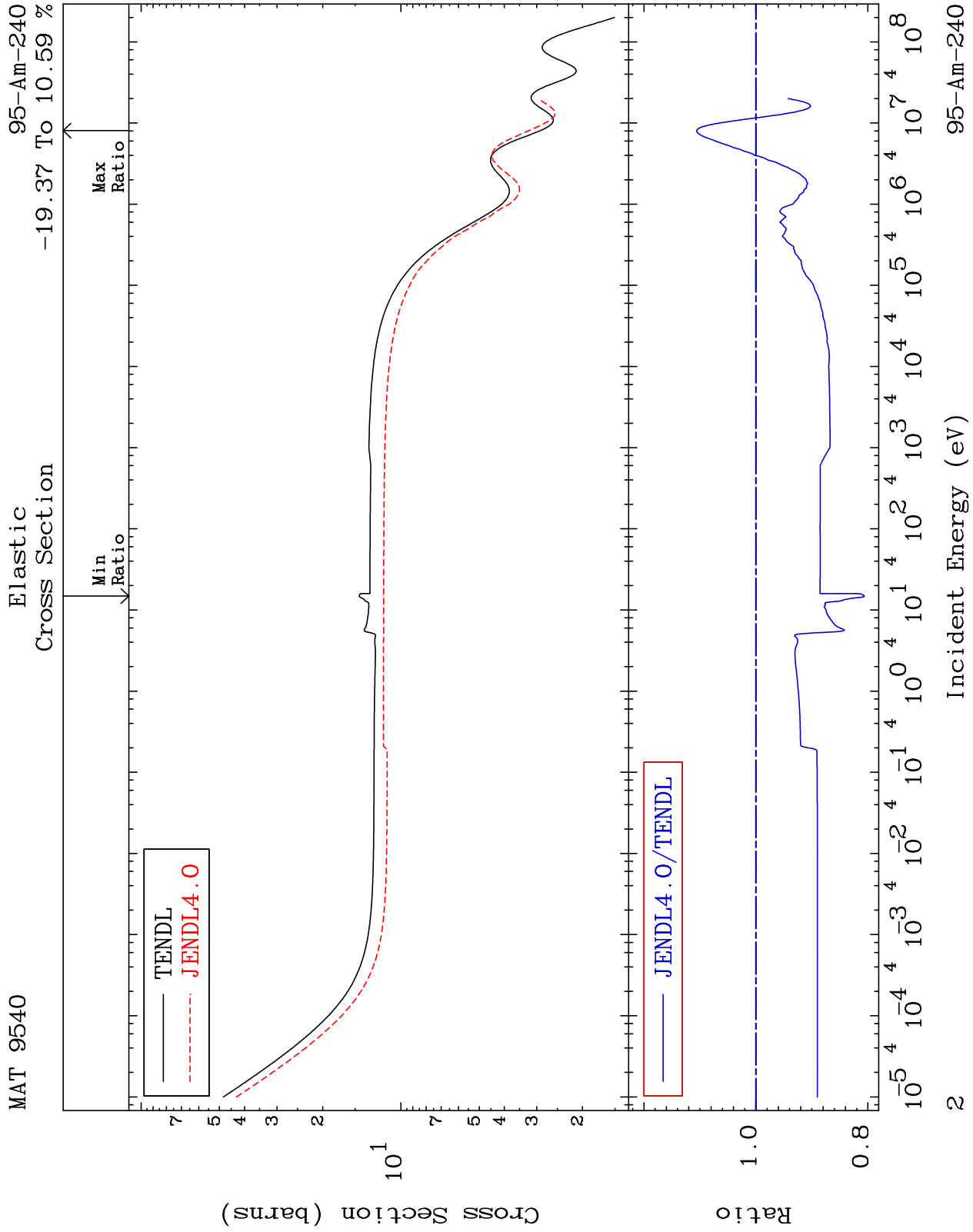
Cross Section

-31.37 To 141.4 %



JENDL4.0/TENDL





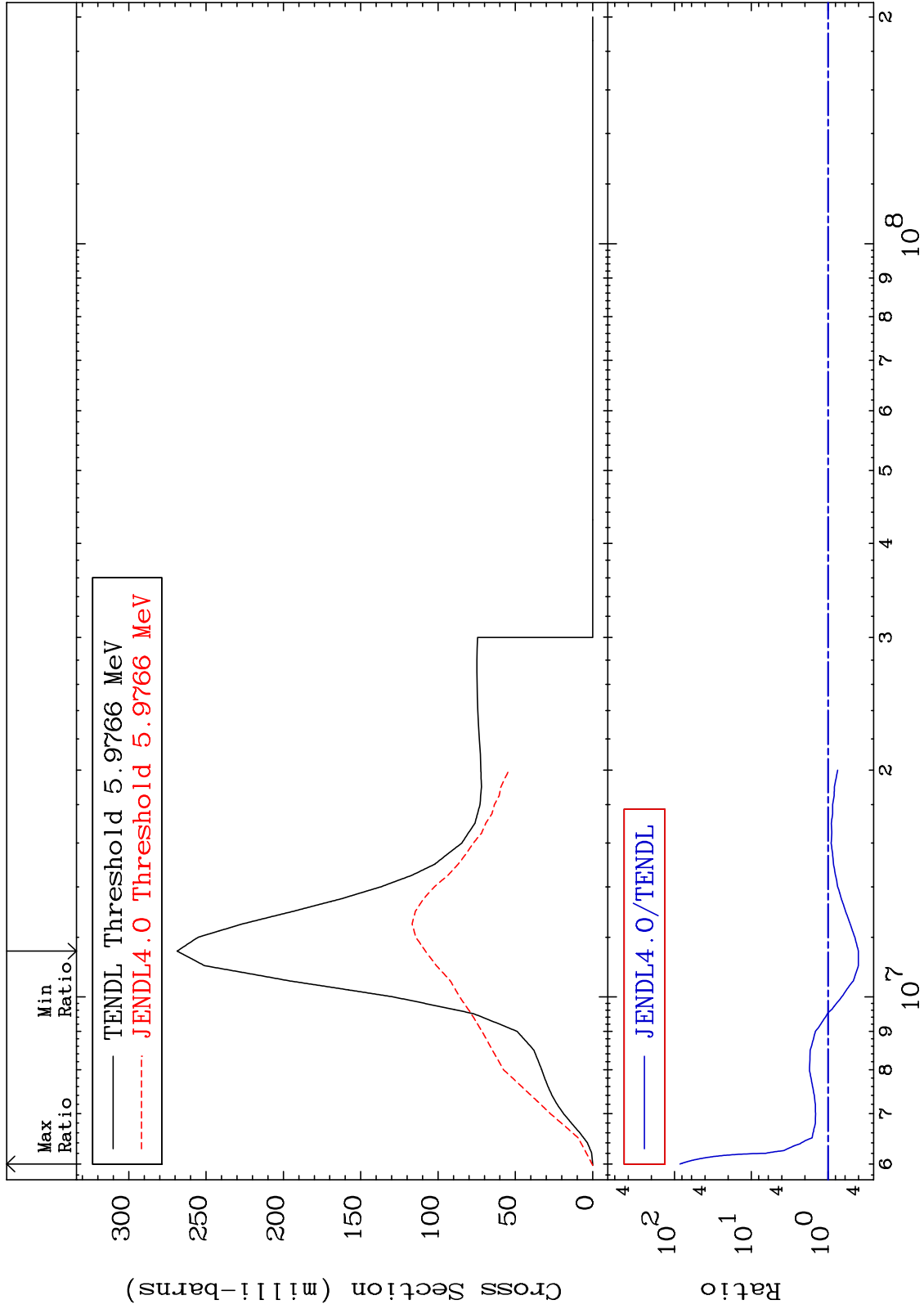
MAT 9540

(n,2n)

95-Am-240

Cross Section

-59.75 To 8369. %

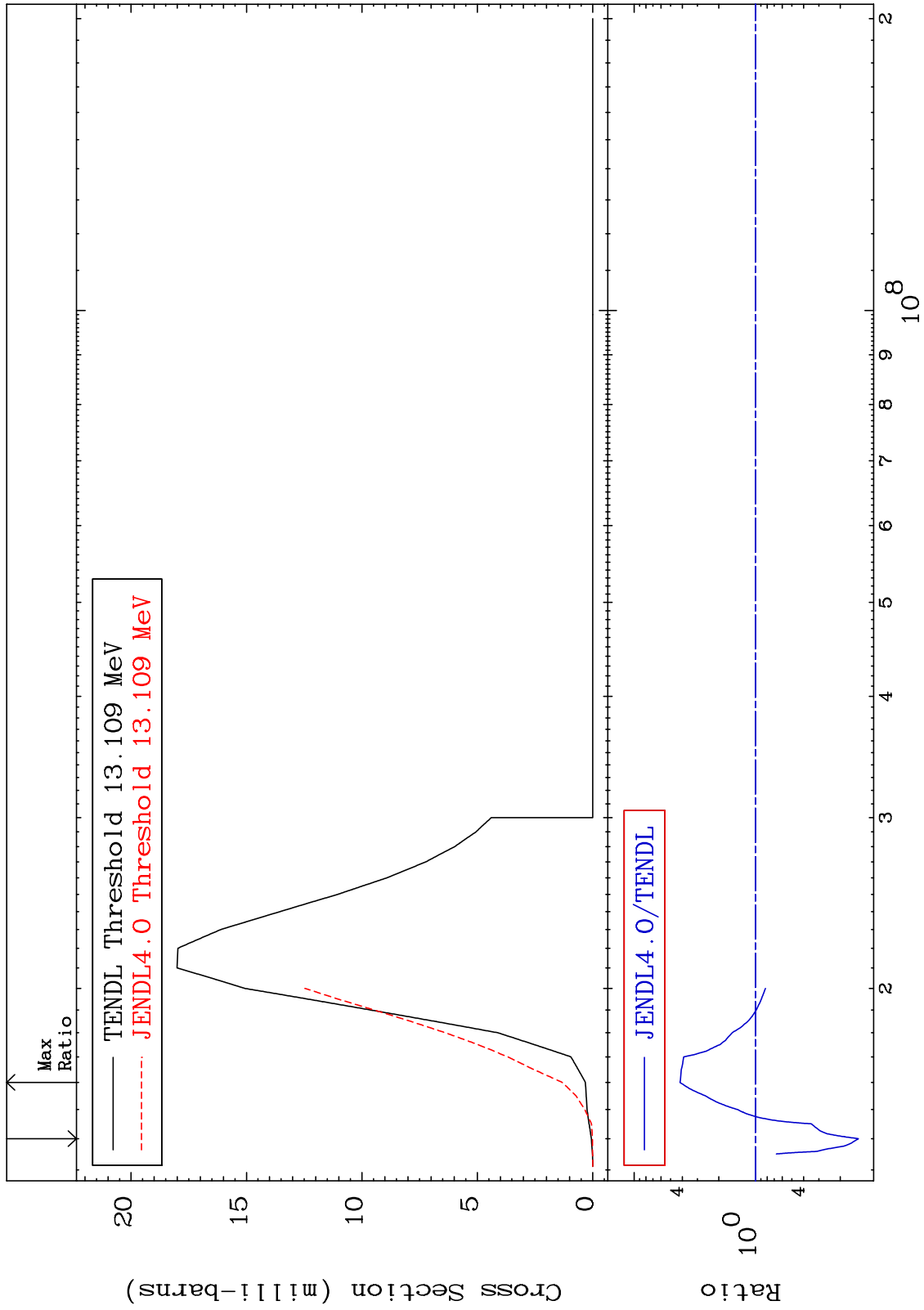


4

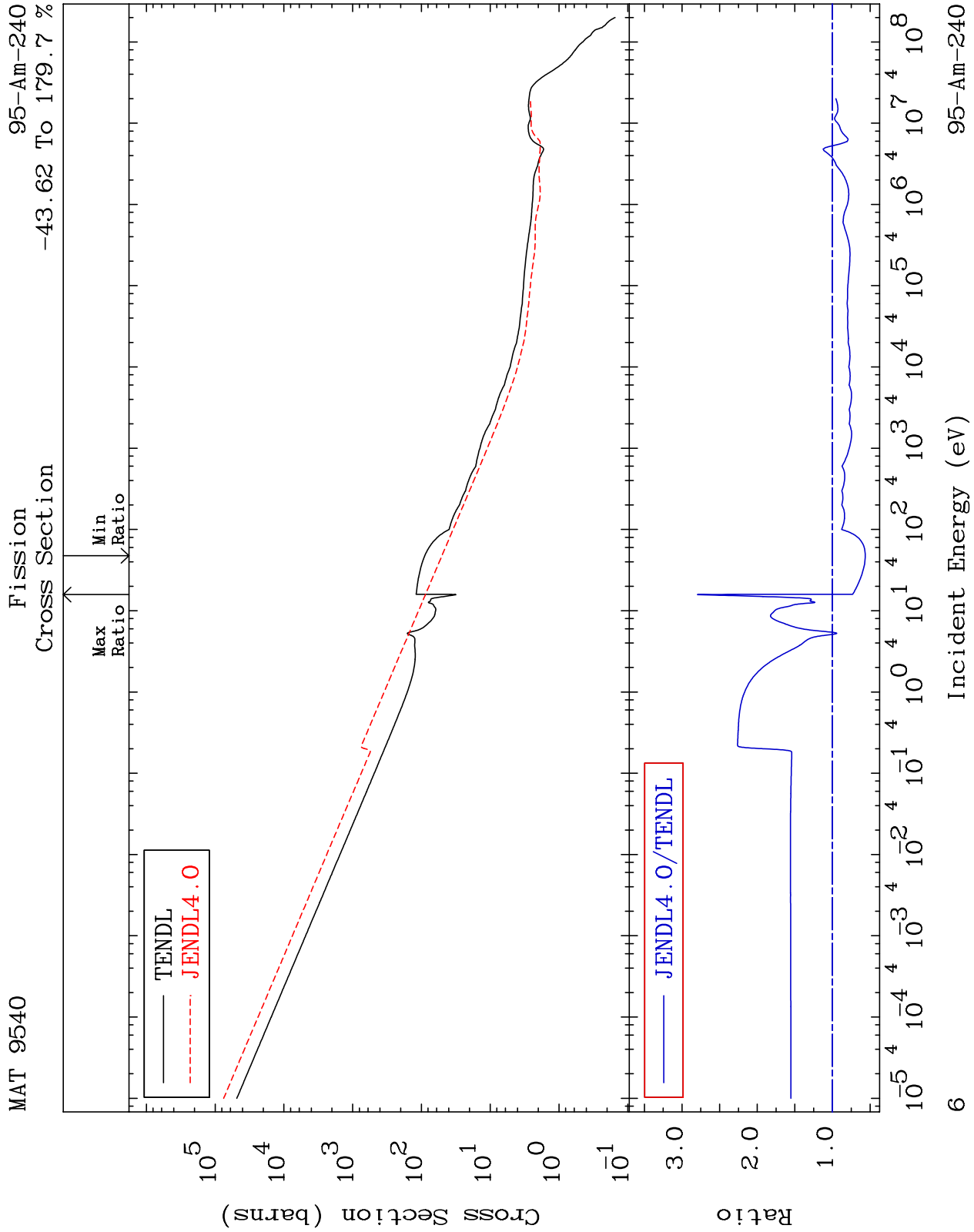
Incident Energy (eV)

95-Am-240

MAT 9540 (n,3n) Cross Section 95-Am-240 -85.84 To 318.1 %



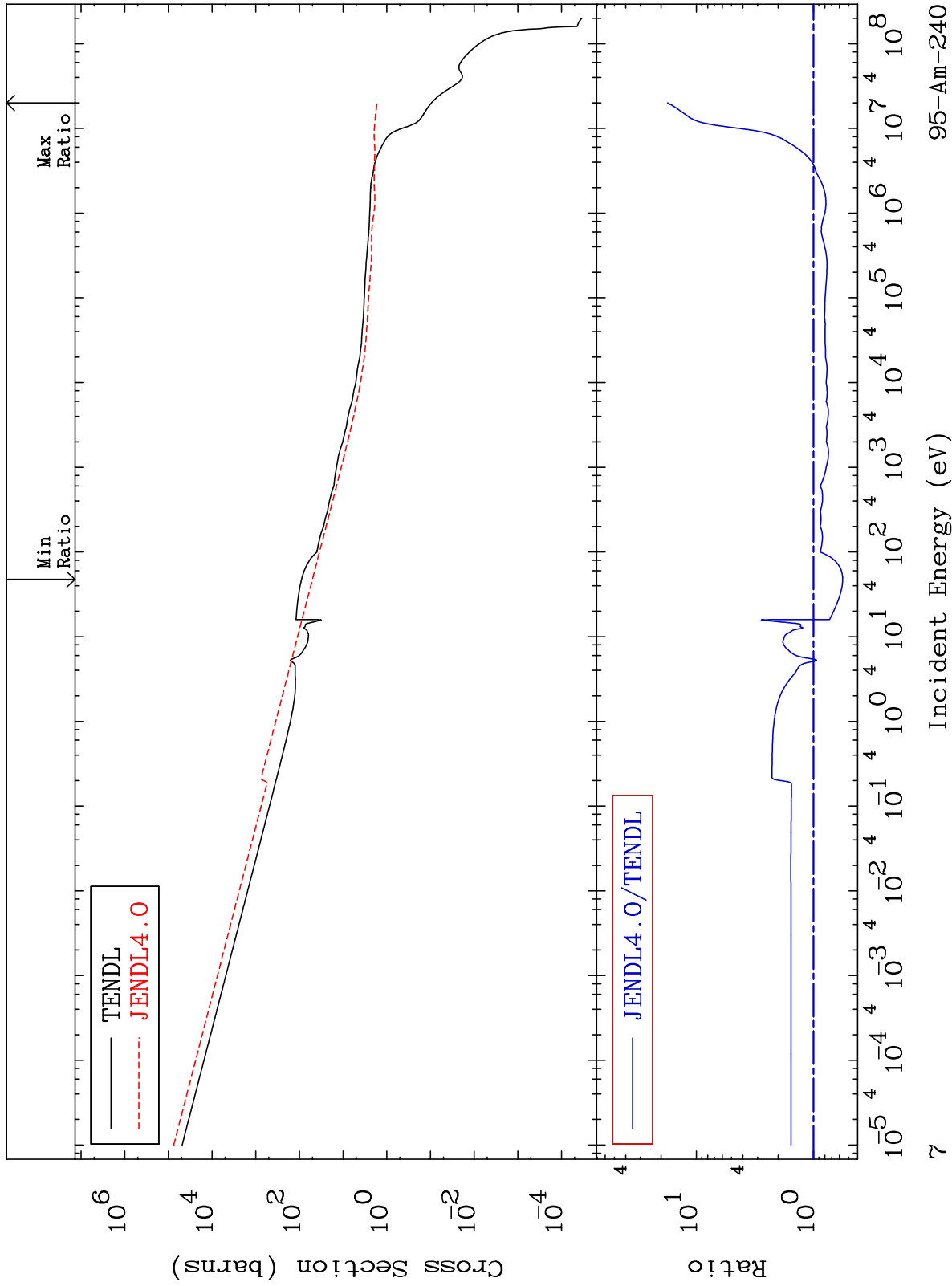
5 95-Am-240



MAT 9540

(n,f) First Chance
Cross Section

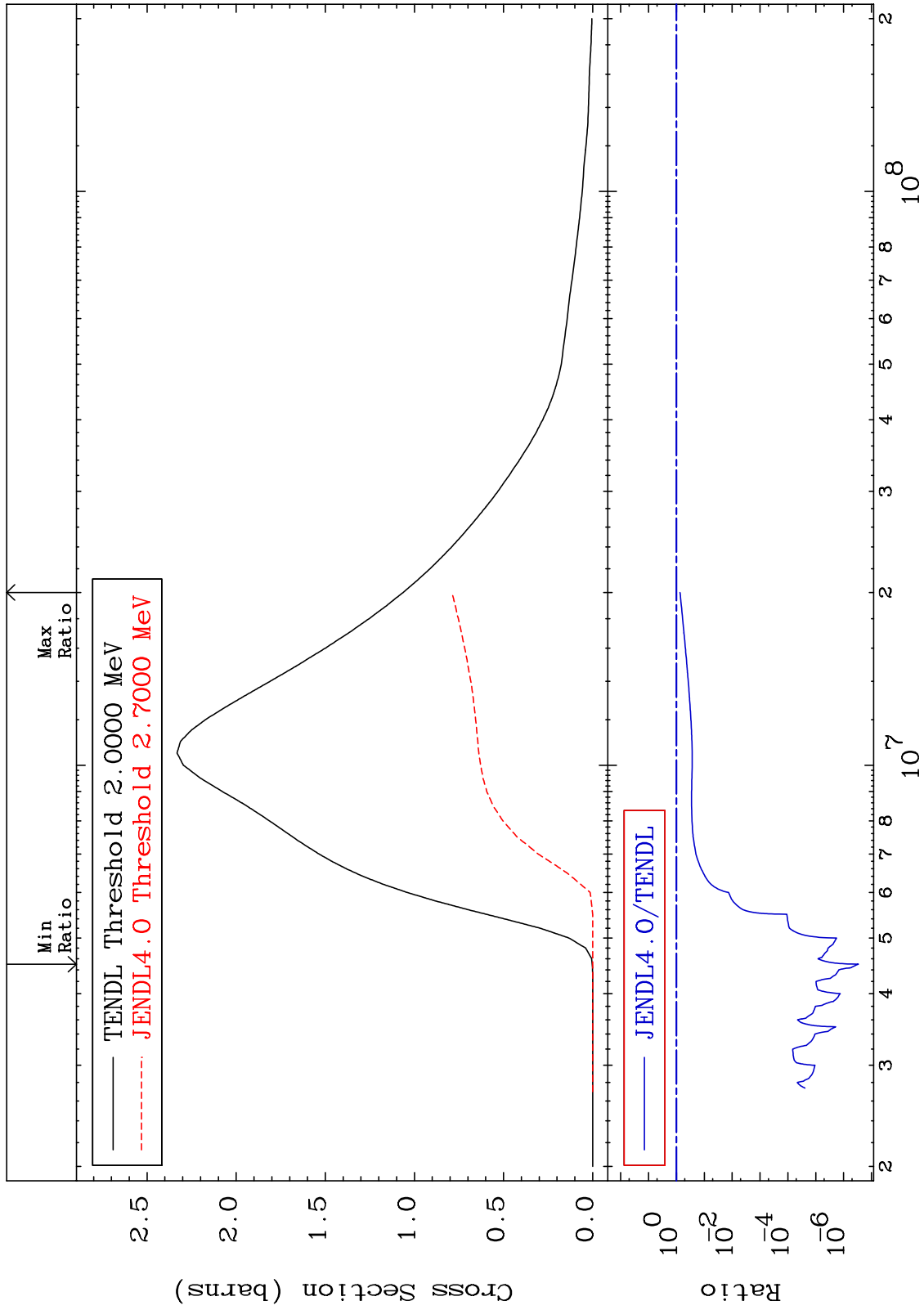
95-Am-240
-43.62 To 1659. %



MAT 9540

(n, nf) Second Chance
Cross Section

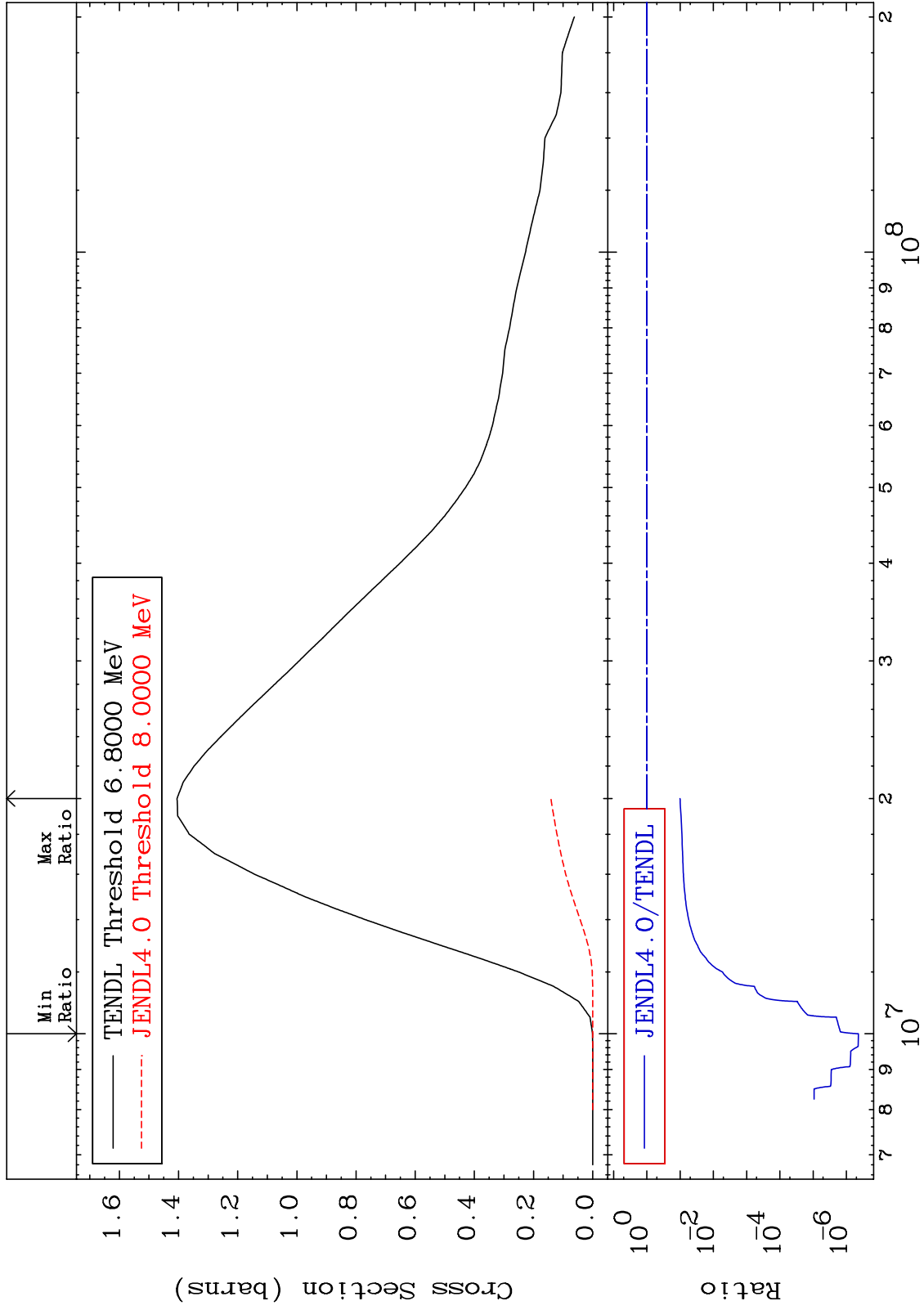
95-Am-240
-100.0 To -25.68%



MAT 9540

(n,2nf) Third Chance
Cross Section

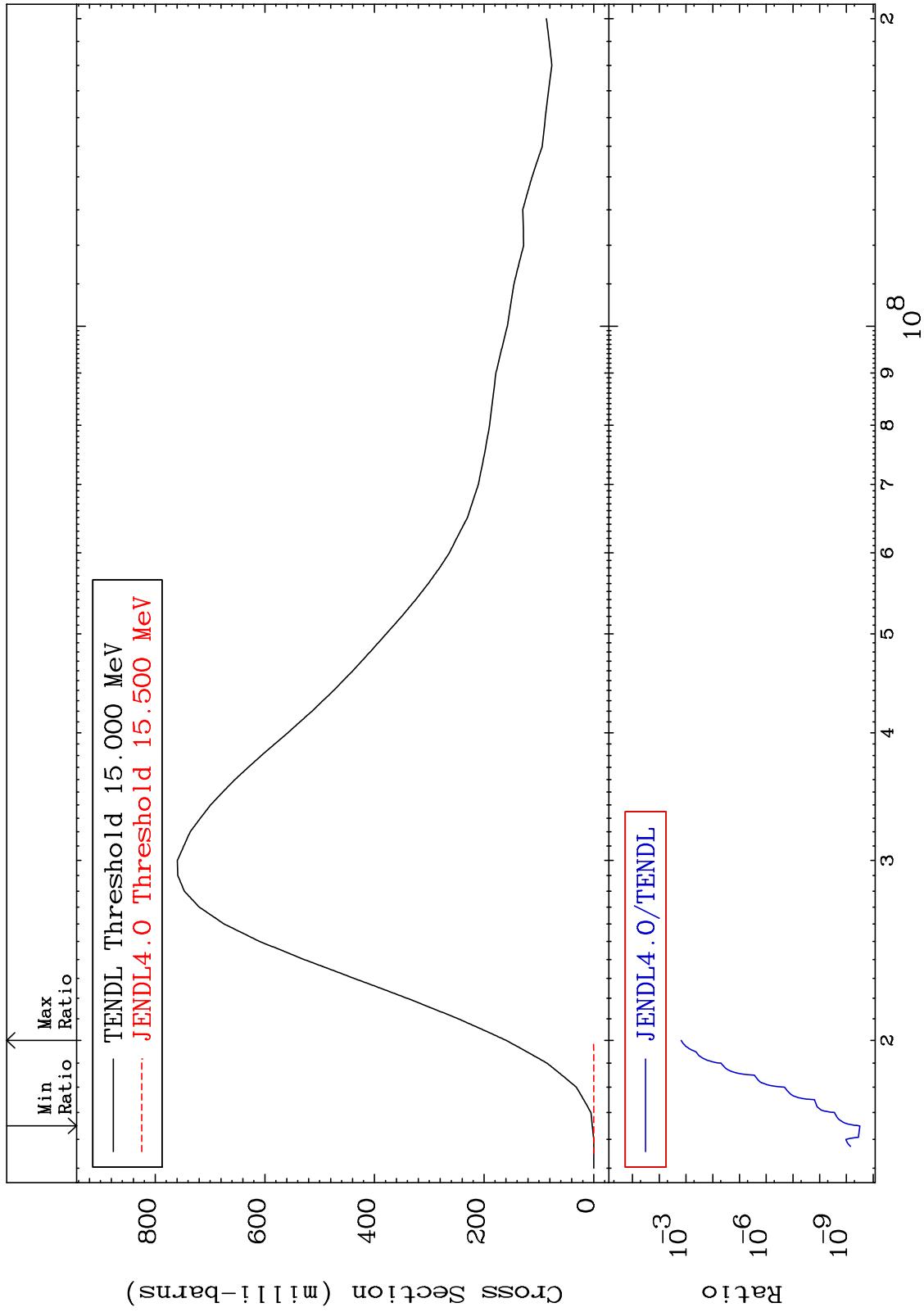
95-Am-240
-100.0 To -89.94%



MAT 9540

(n,3nf) Fourth Chance
Cross Section

95-Am-240
-100.0 To -99.85%

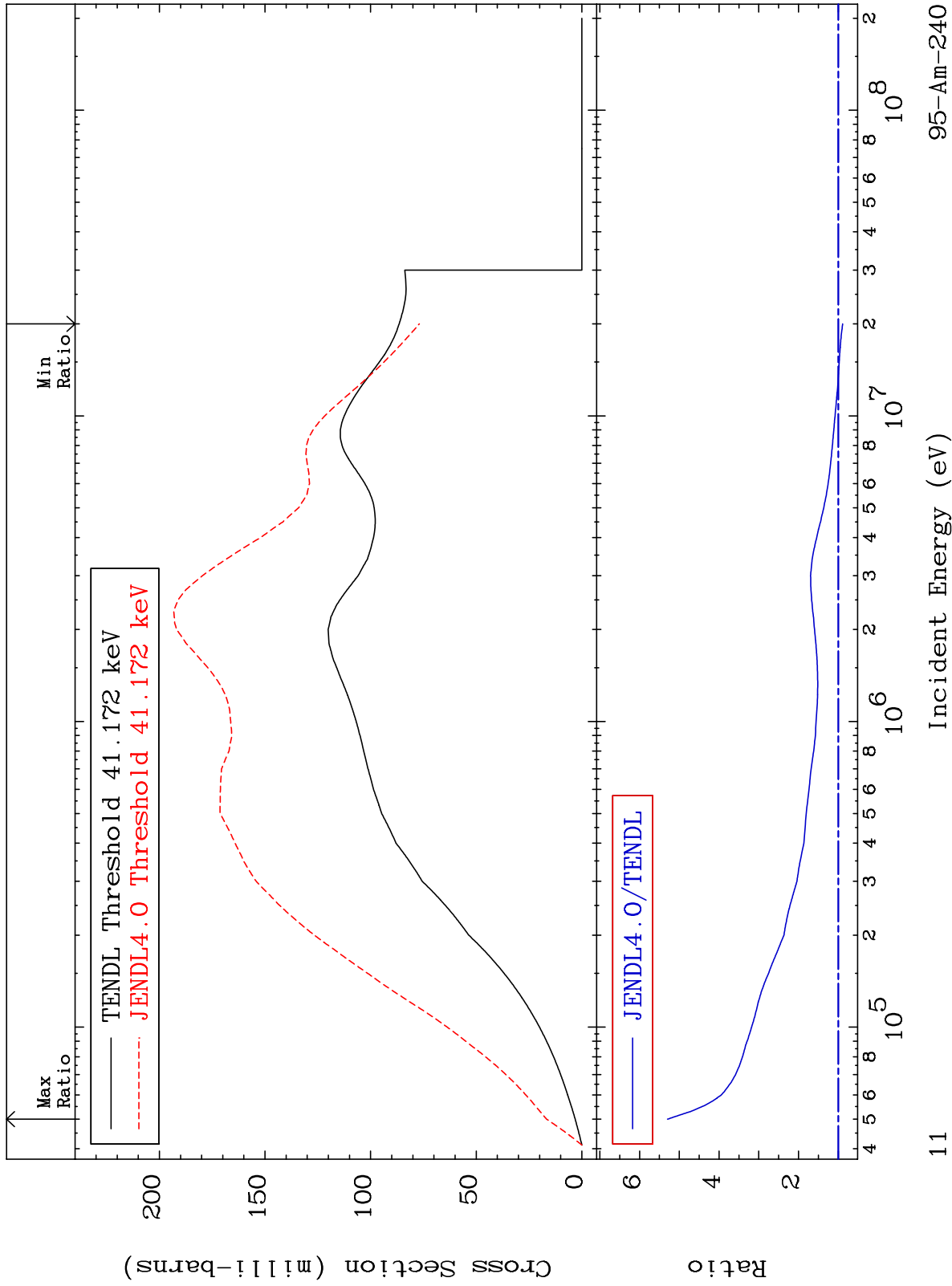


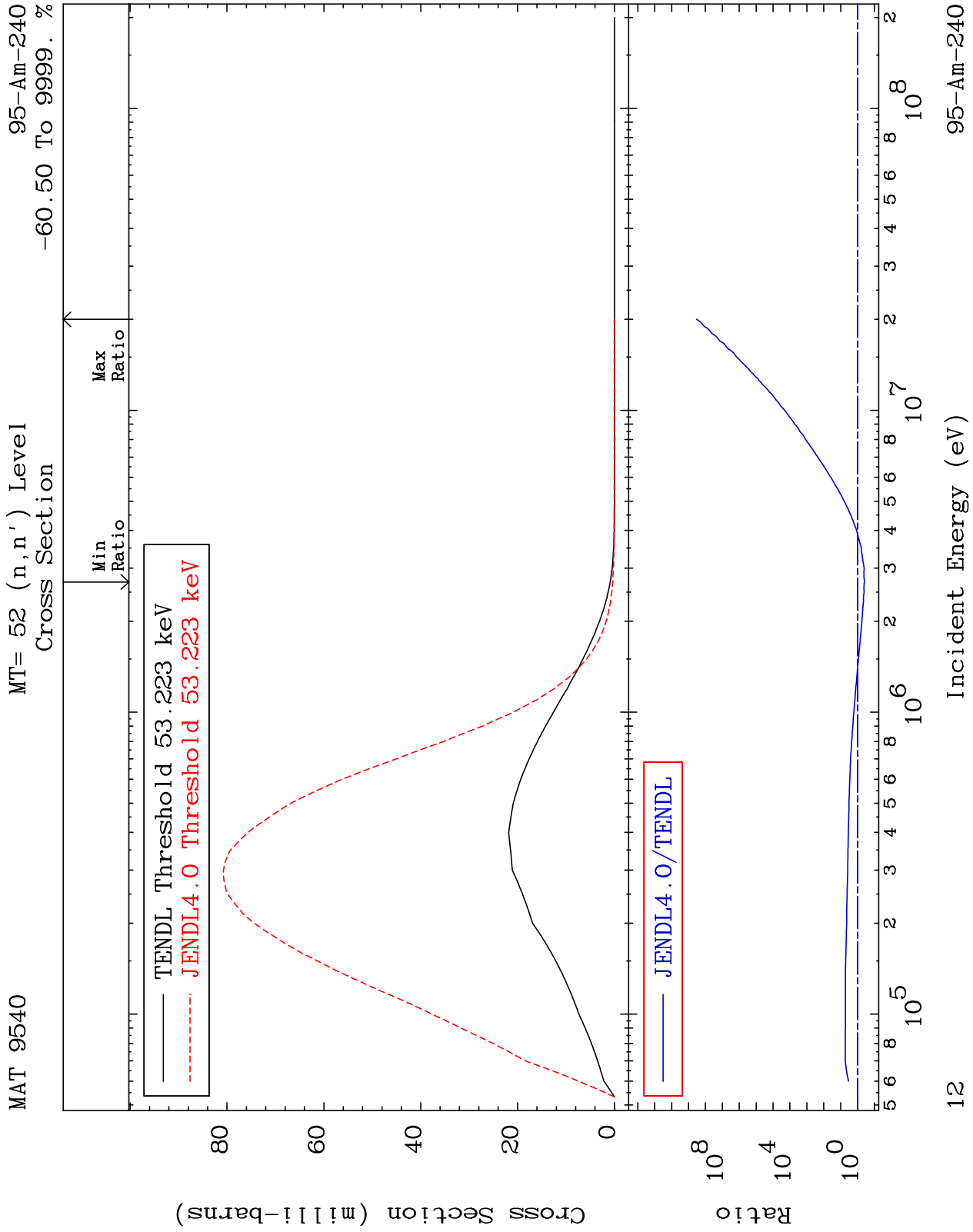
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Incident Energy (eV)

95-Am-240

MAT 9540 MT= 51 (n,n') Level 95-Am-240
 Cross Section -11.05 To 429.5 %

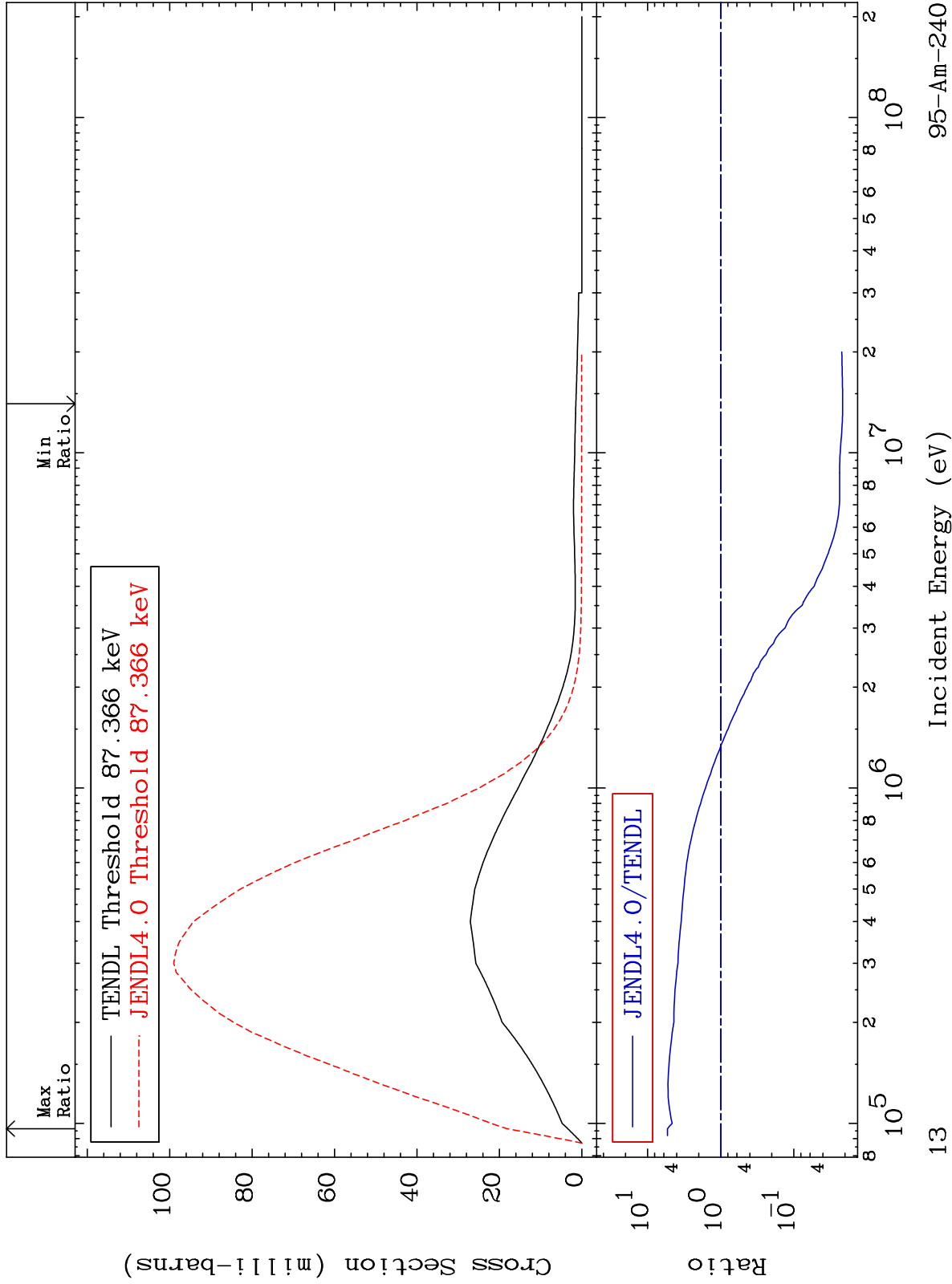




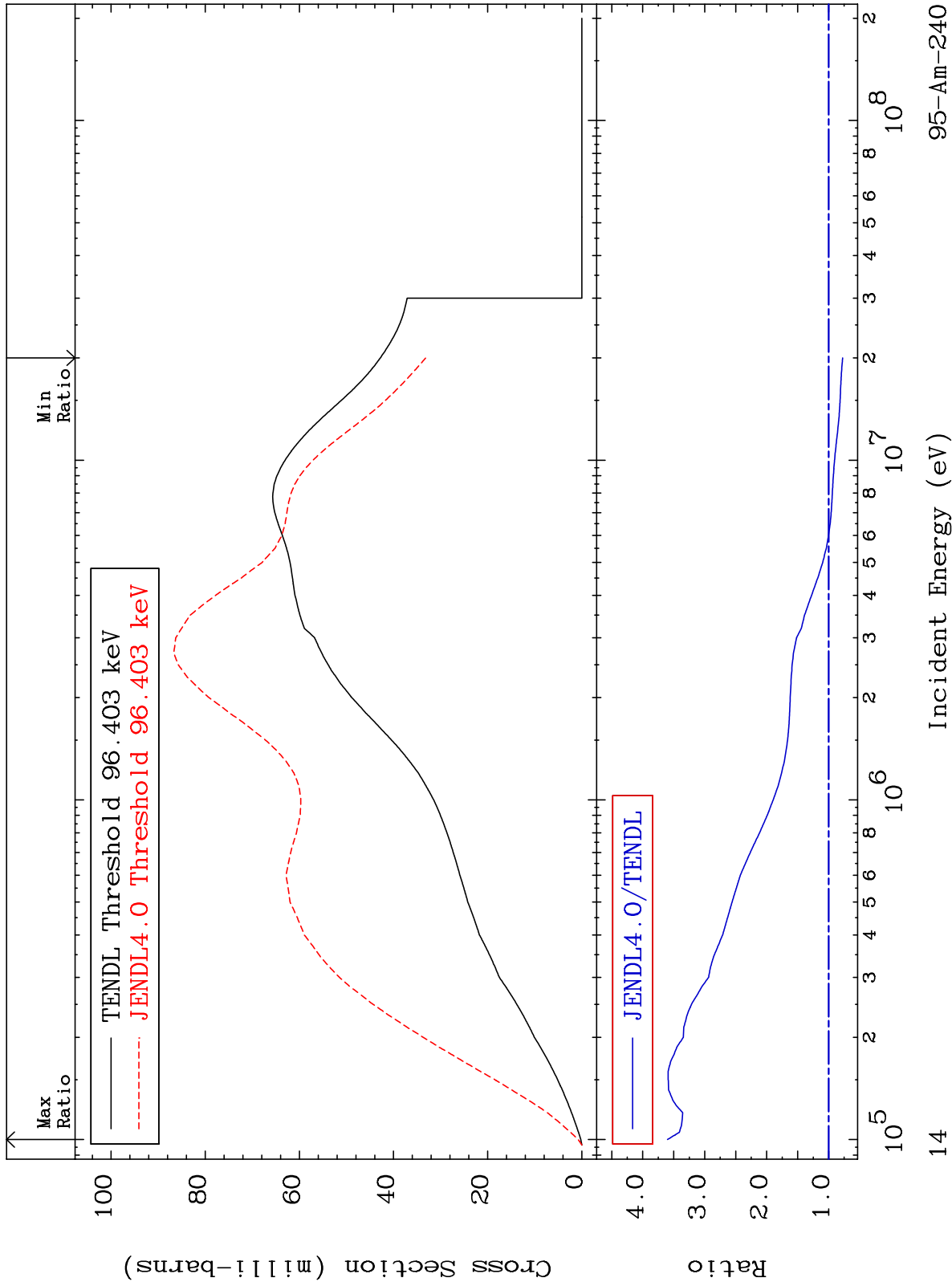
MAT 9540

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

95-Am-240
-97.85 To 433.3 %



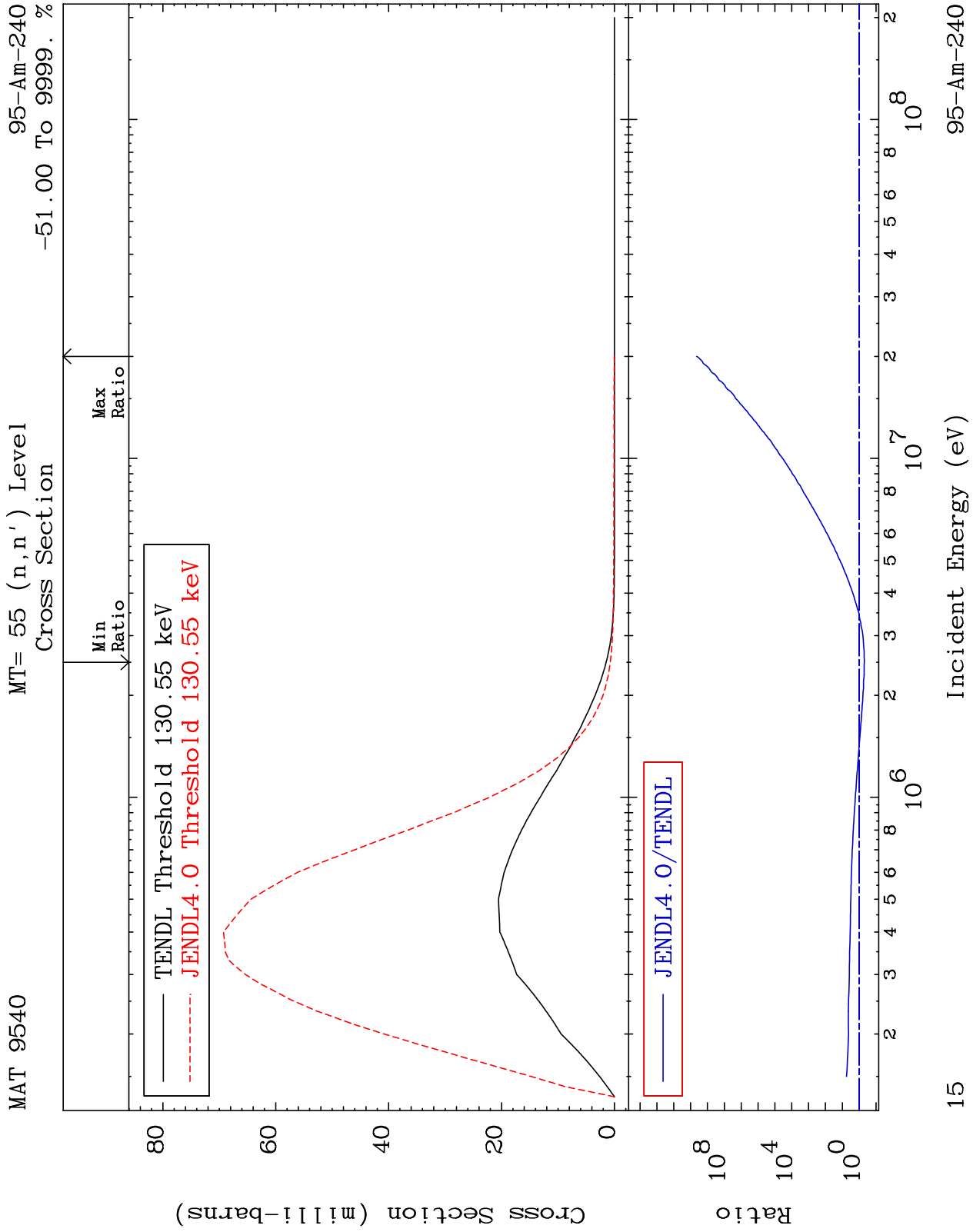
MAT 9540 MT= 54 (n,n') Level 95-Am-240
Cross Section -22.52 To 260.0 %

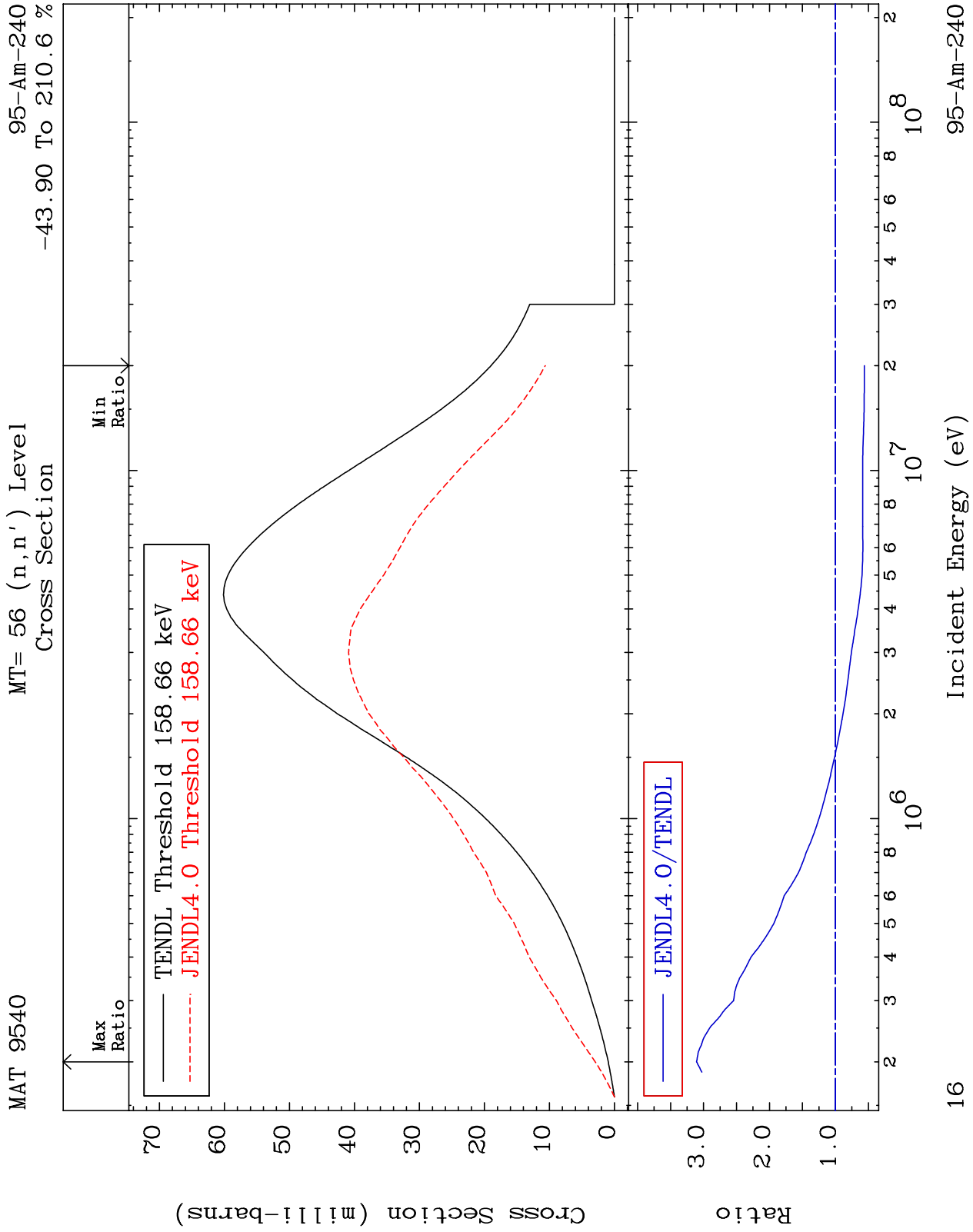


95-Am-240

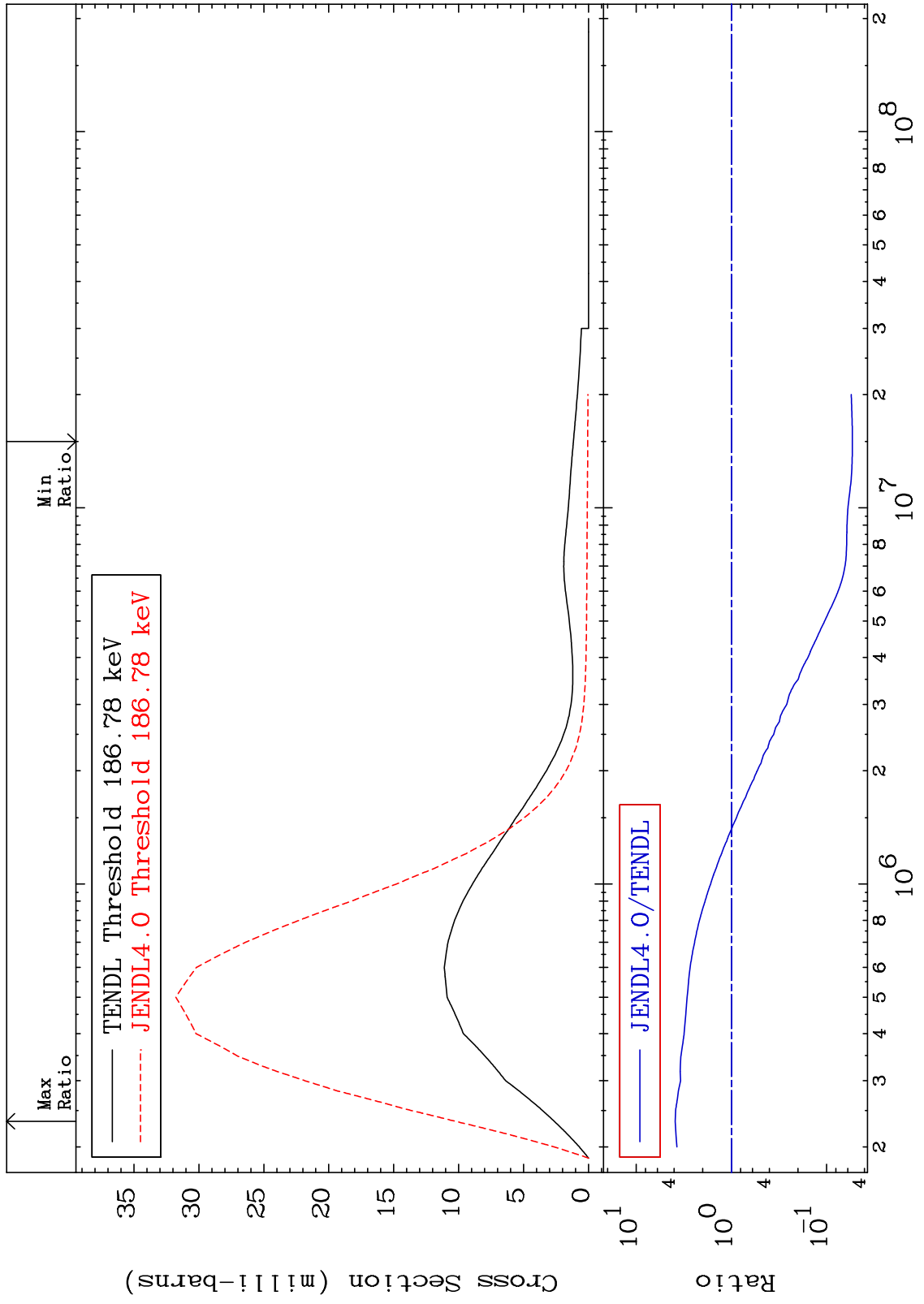
Incident Energy (eV)

14

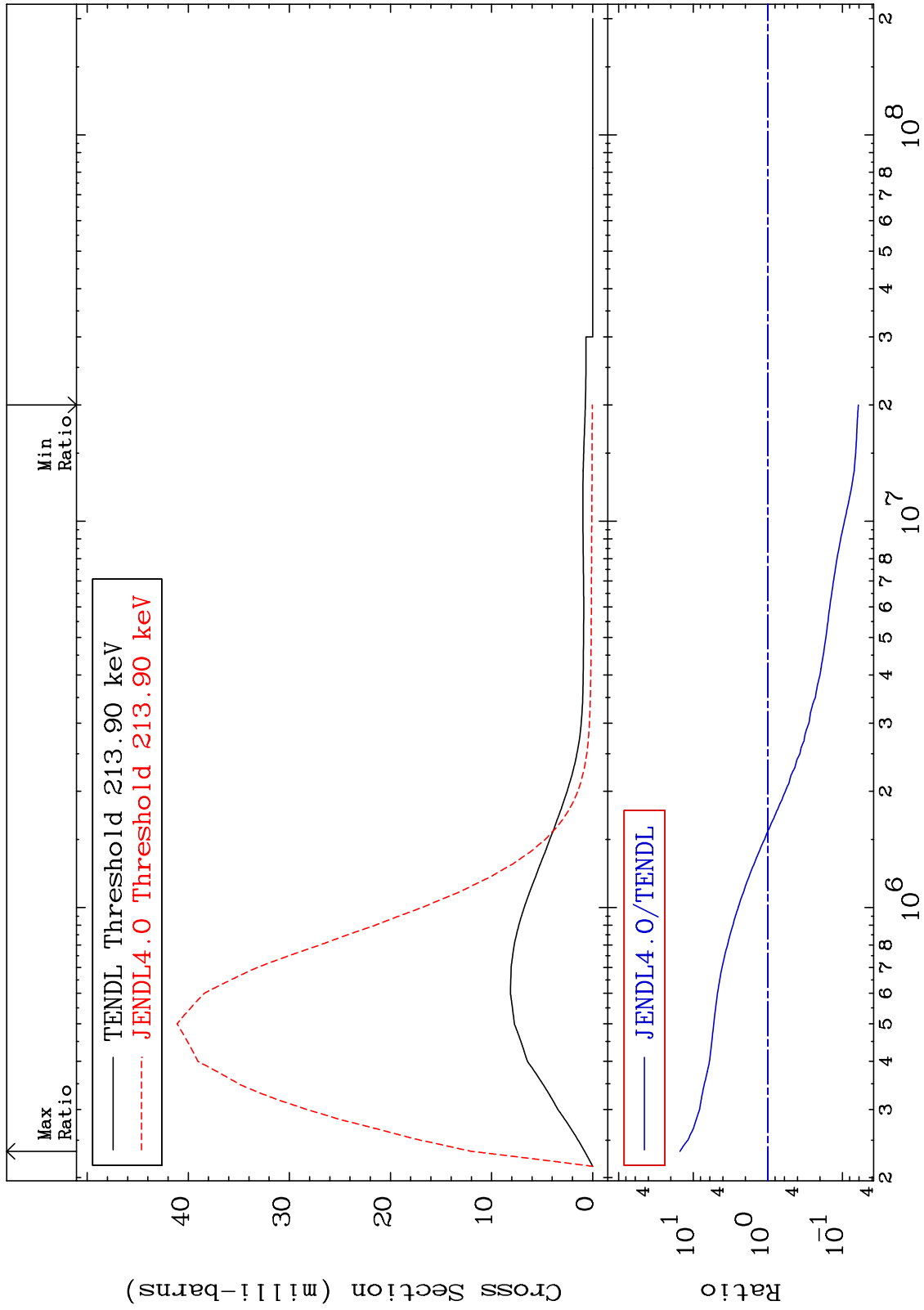




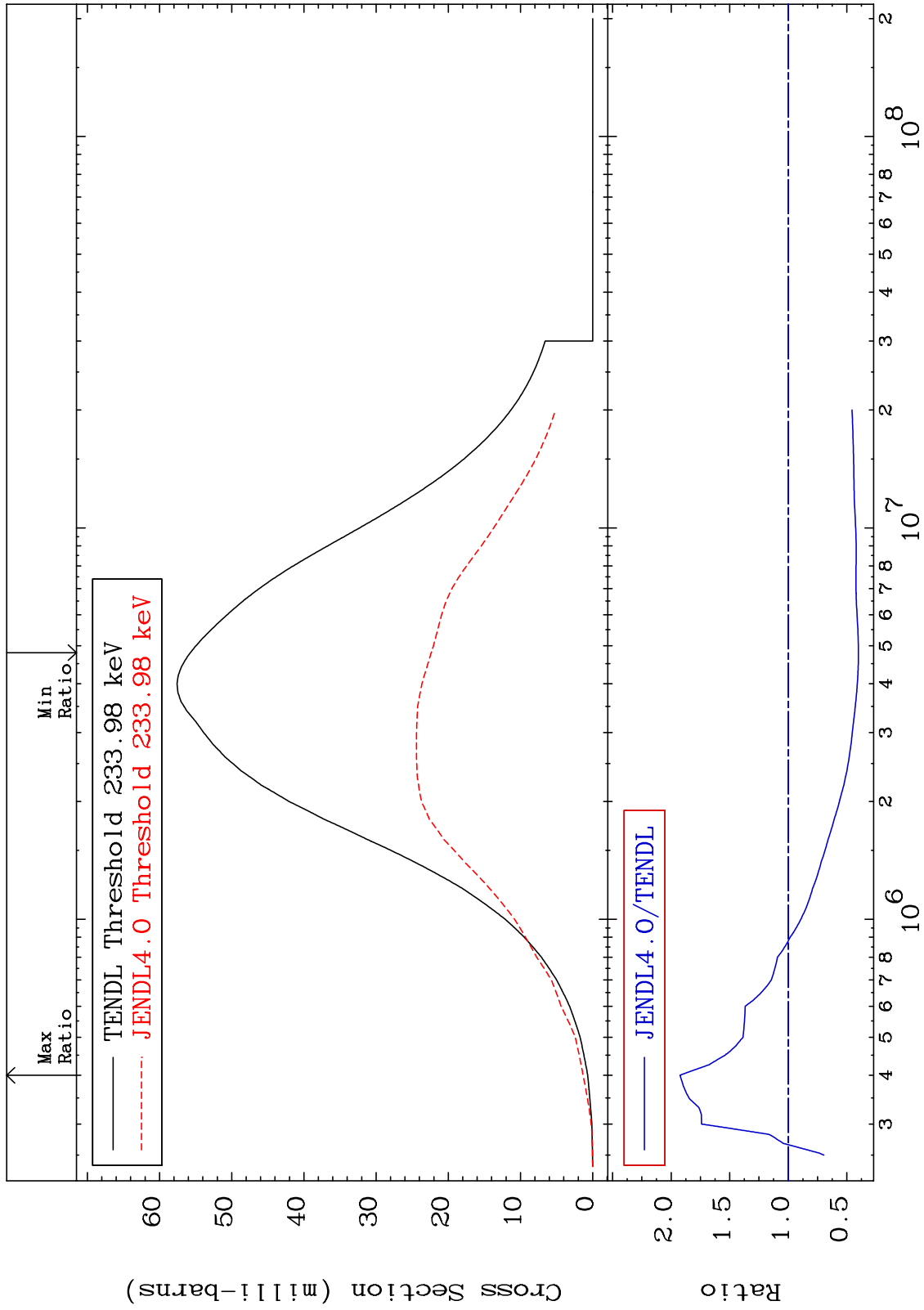
MAT 9540 MT= 57 (n,n') Level Cross Section 95-Am-240
 -94.64 To 289.1 %



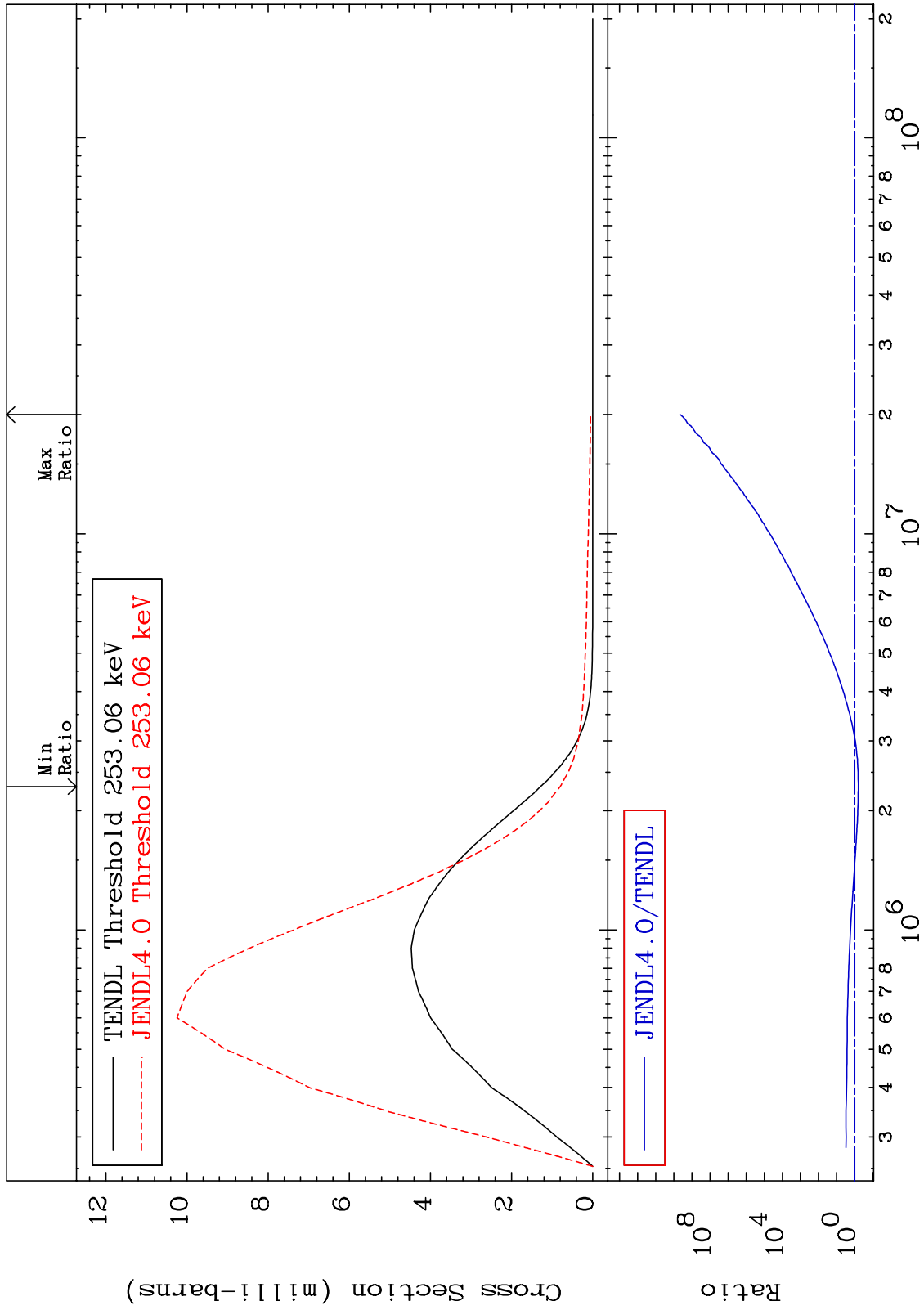
MAT 9540 MT= 58 (n,n') Level 95-Am-240
 Cross Section -93.90 To 1403. %



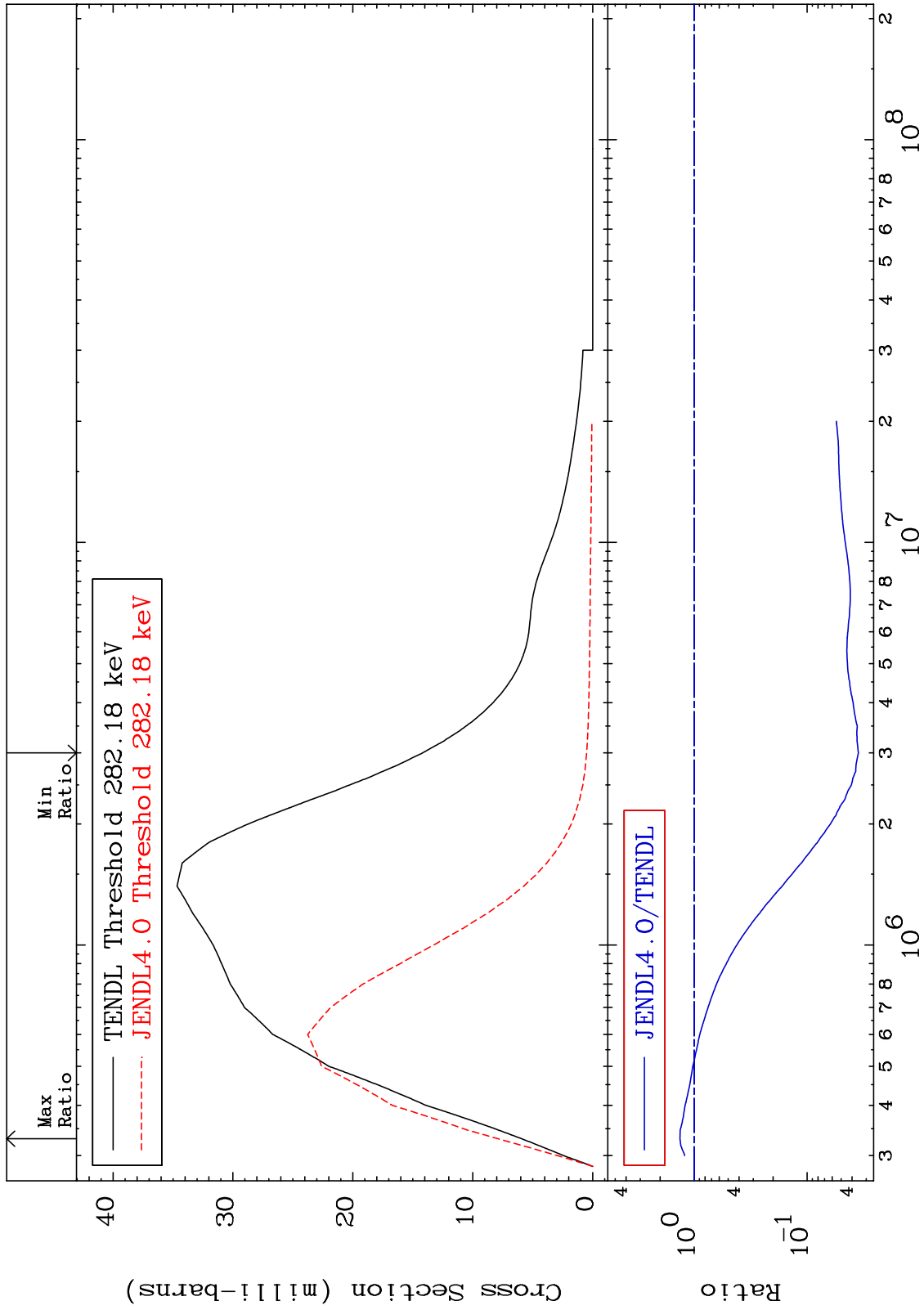
MAT 9540 MT= 59 (n,n') Level 95-Am-240
 Cross Section -59.88 To 92.41 %



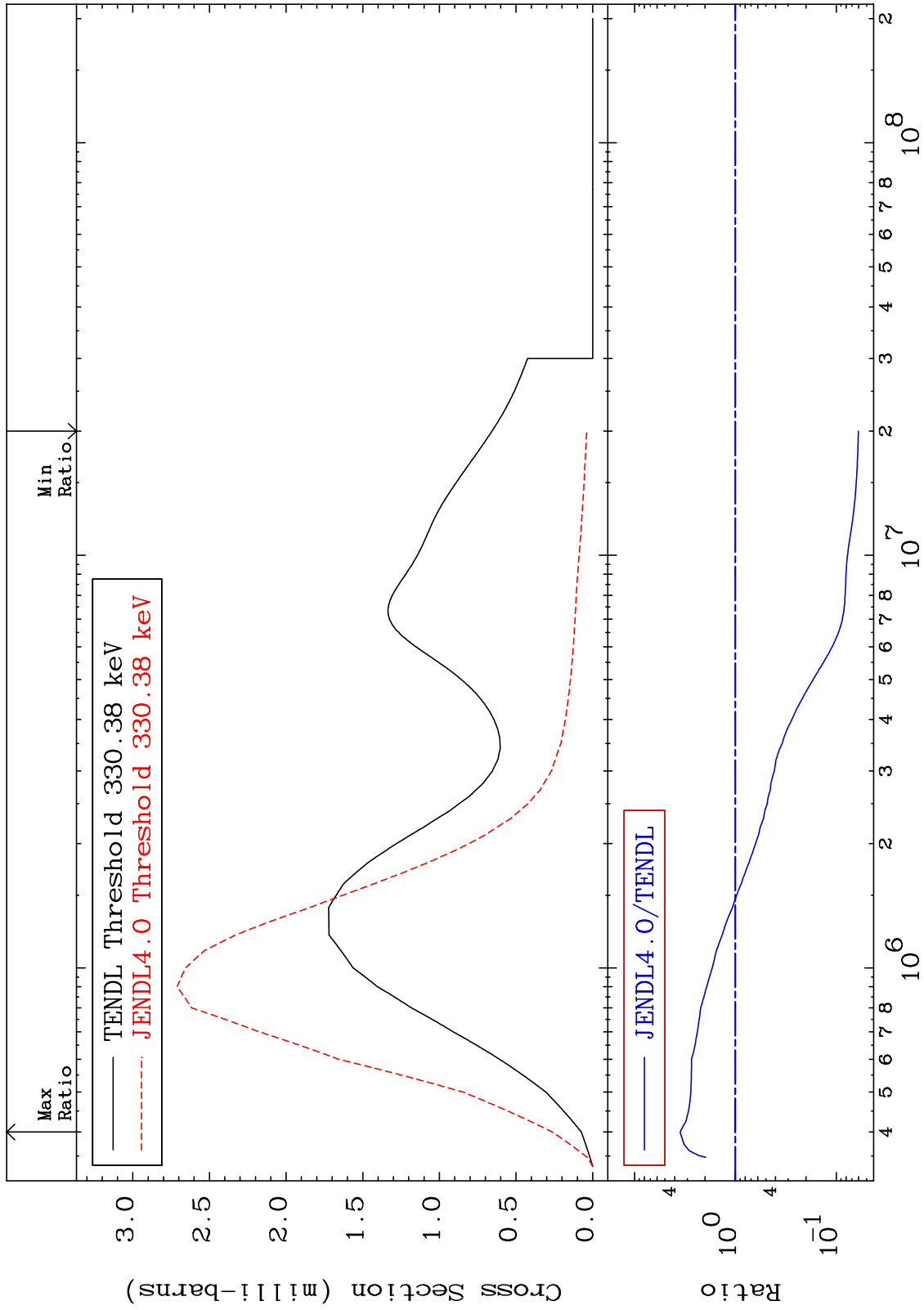
MAT 9540 MT= 60 (n,n') Level 95-Am-240
 Cross Section -37.81 To 9999. %



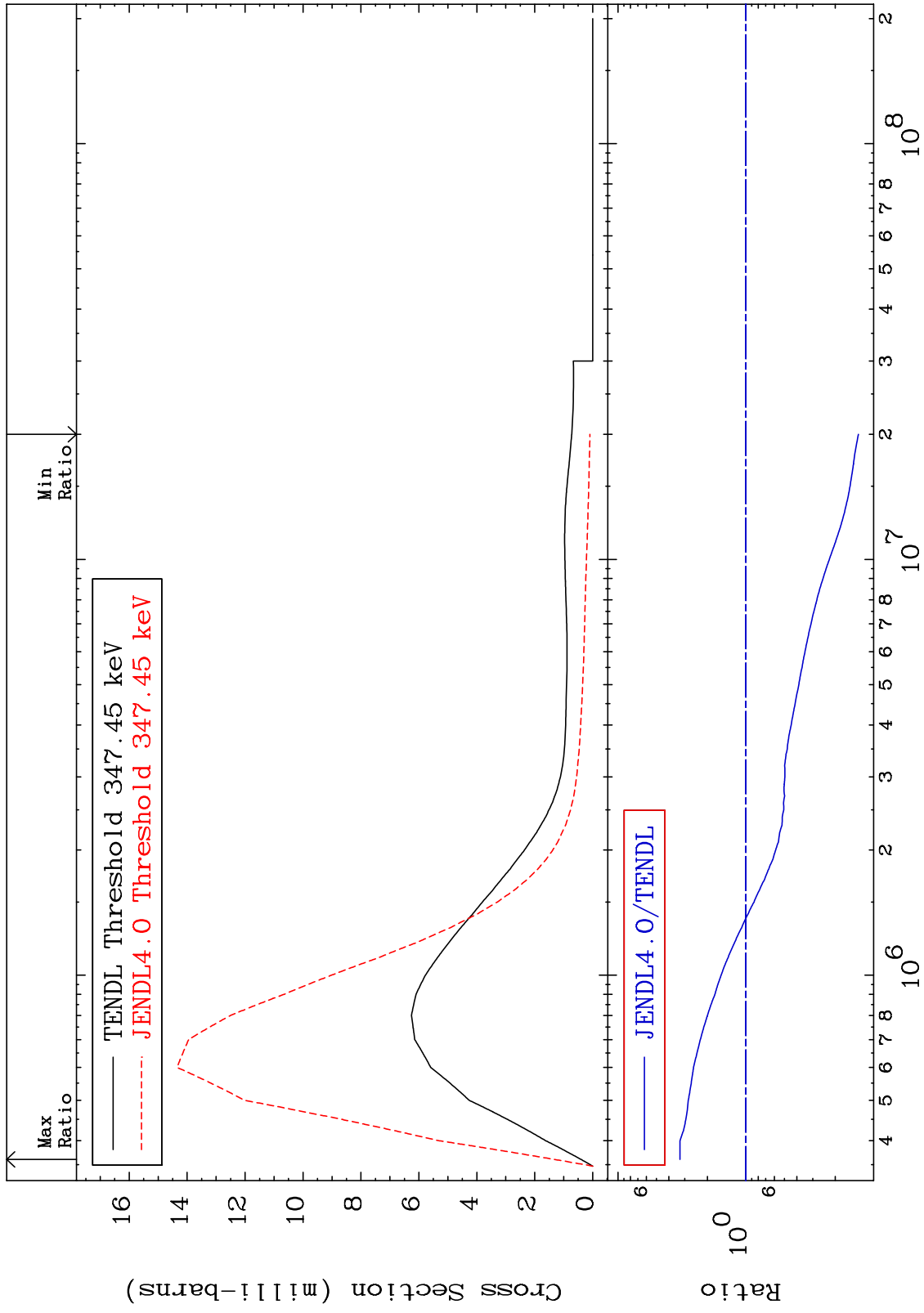
MAT 9540 MT= 61 (n,n') Level 95-Am-240
 Cross Section -96.49 To 33.29 %



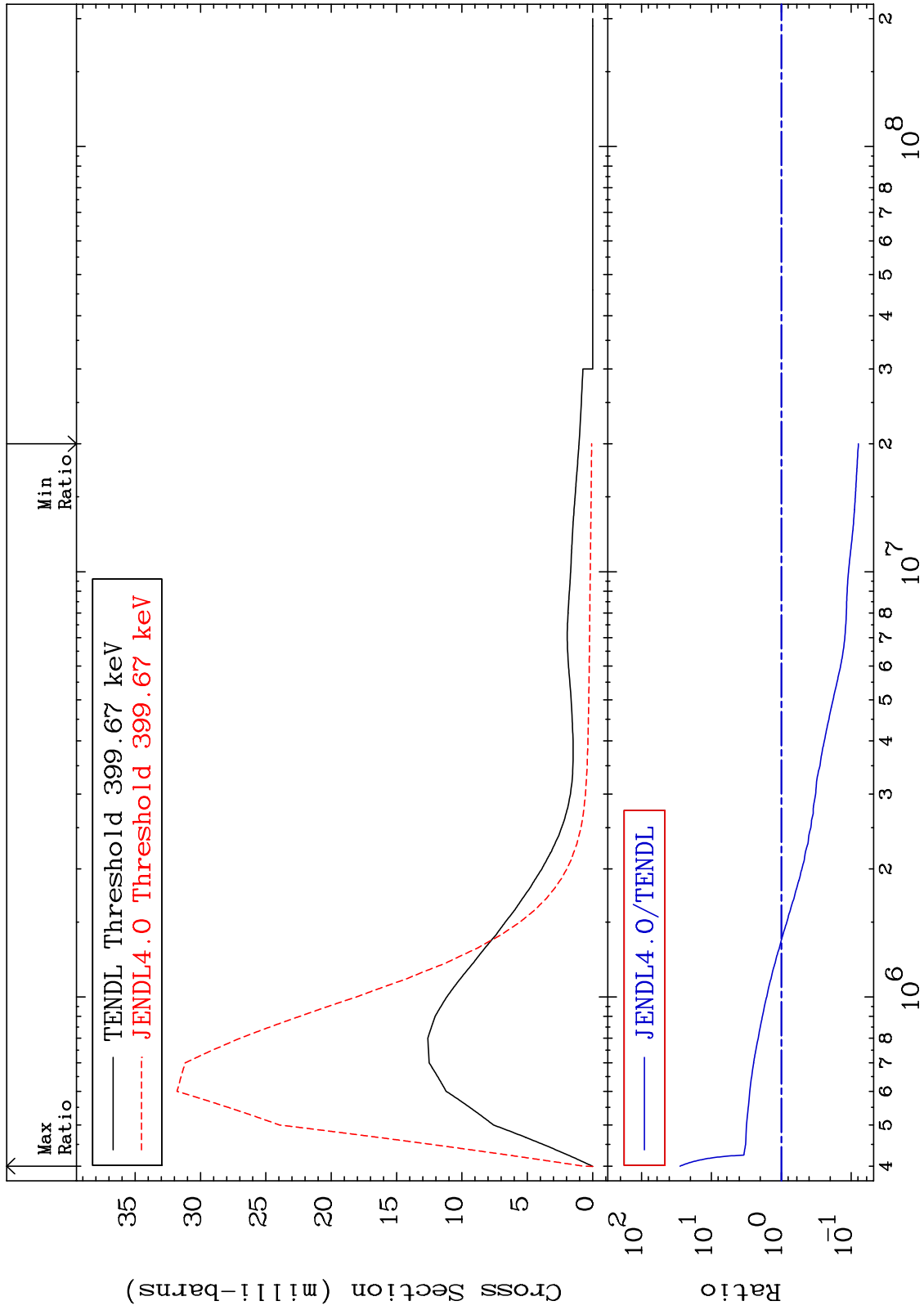
MAT 9540 MT= 63 (n,n') Level 95-Am-240
 Cross Section -93.97 To 254.6 %



MAT 9540 MT= 64 (n,n') Level Cross Section 95-Am-240
 -86.80 To 227.3 %



MAT 9540 MT= 65 (n,n') Level Cross Section 95-Am-240 -92.12 To 2711. %

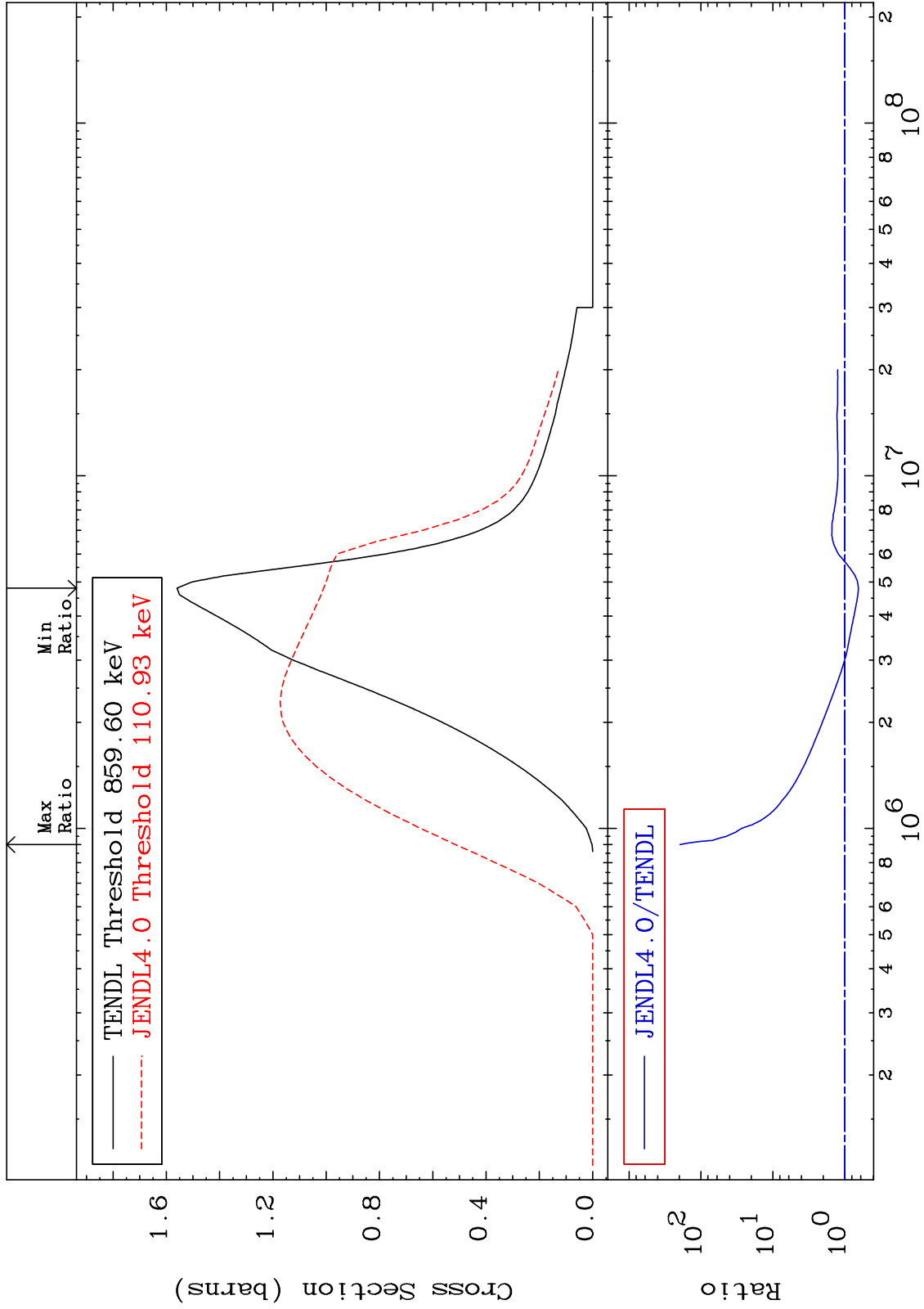


25 Incident Energy (eV) 95-Am-240

MAT 9540

(n,n') Continuum
Cross Section

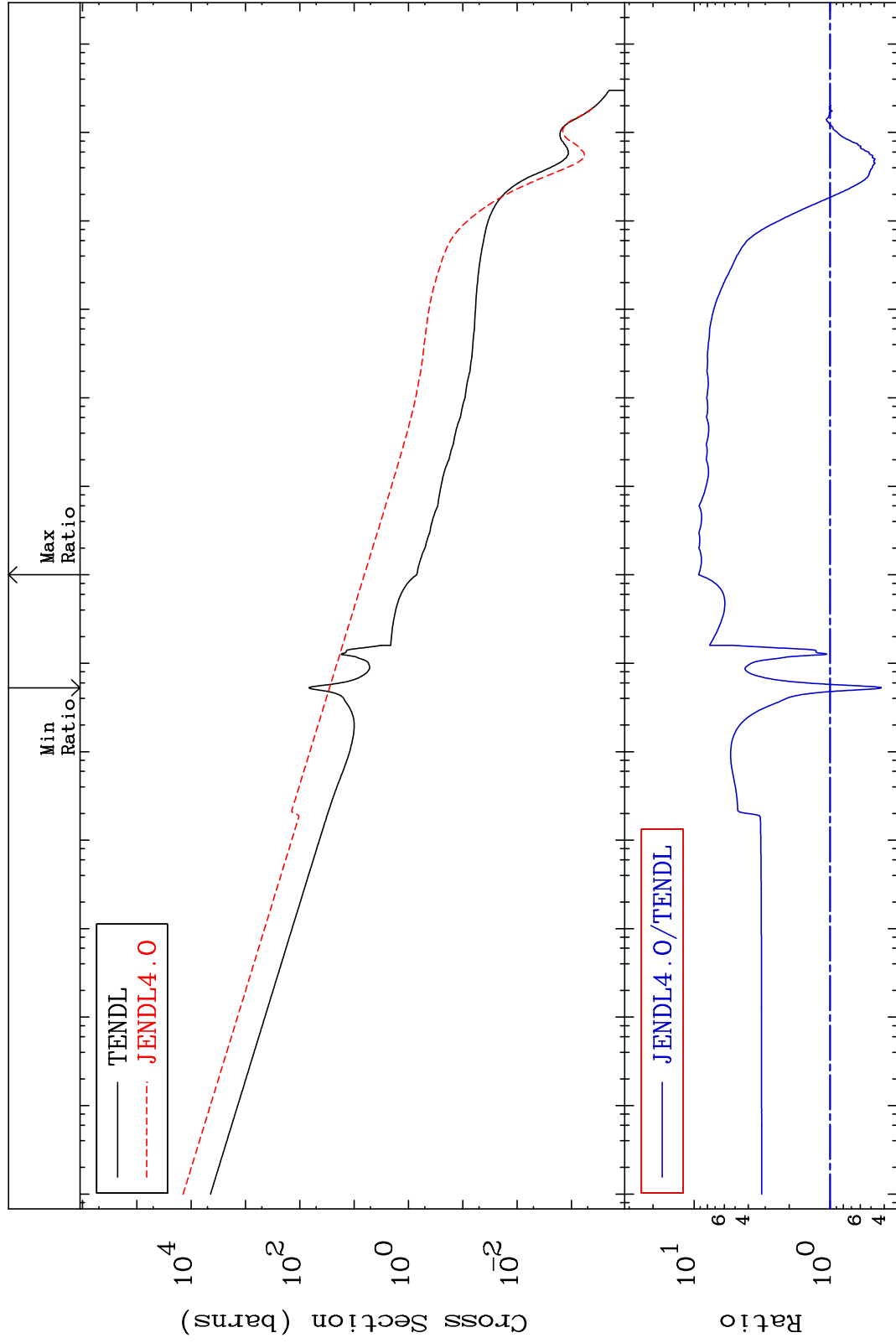
95-Am-240
-35.26 To 9999. %



MAT 9540

95-Am-240
-58.11 To 824.4 %

(n, γ)
Cross Section



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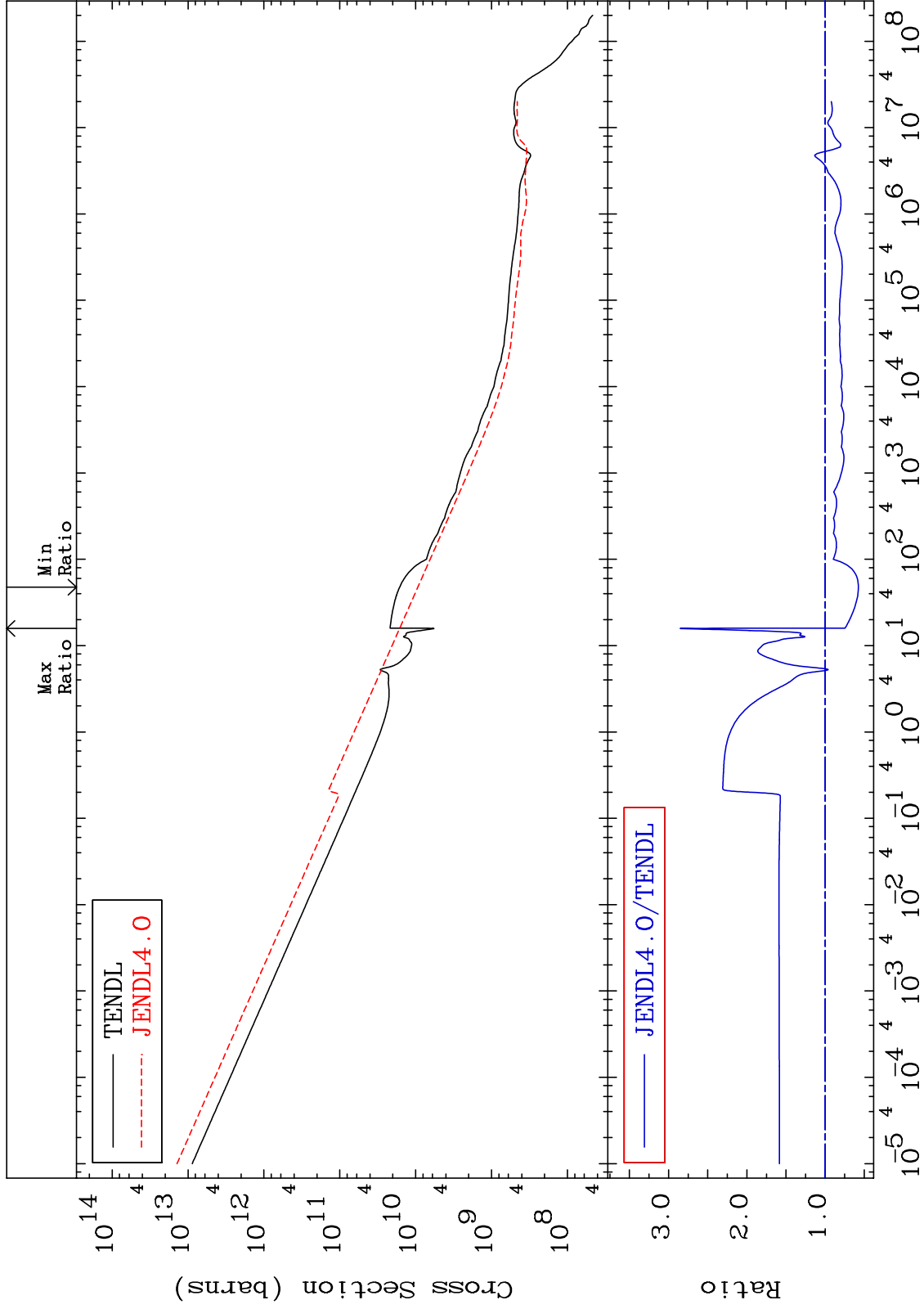
Incident Energy (eV)

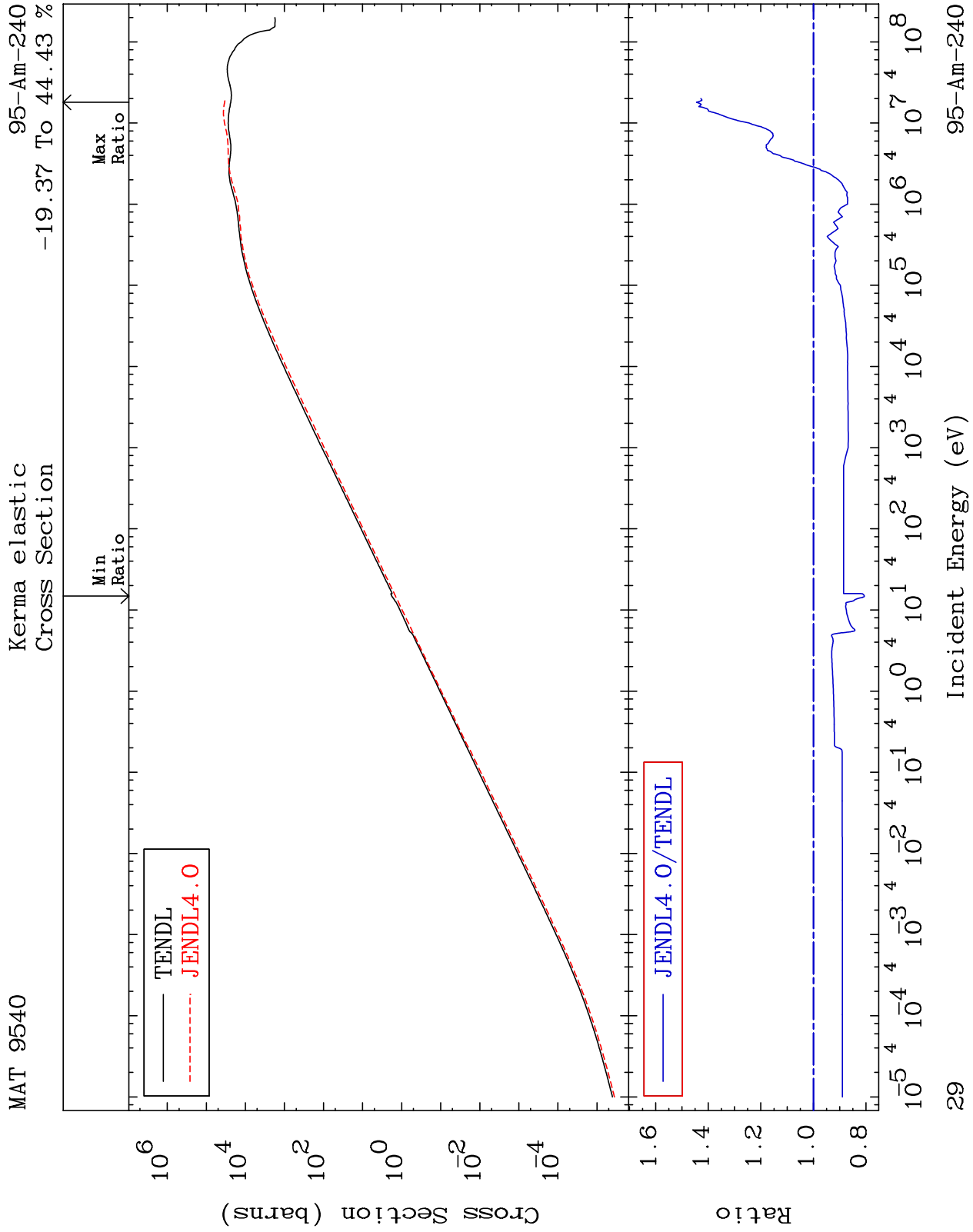
95-Am-240

MAT 9540

Kerma total (eV-barns)
Cross Section

95-Am-240
-42.48 To 185.4 %

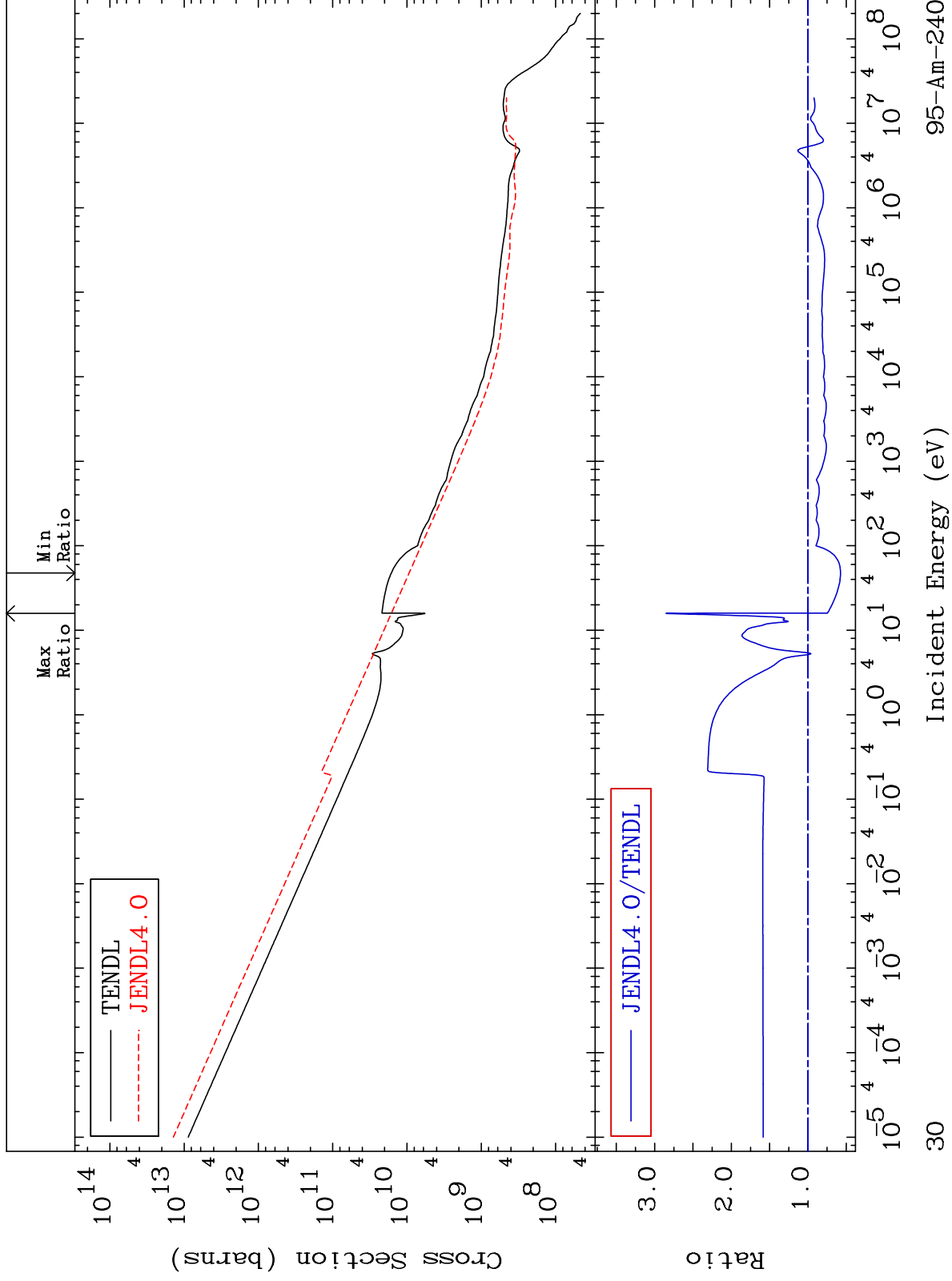




MAT 9540

Kerma non-elastic (all but mt2)
Cross Section

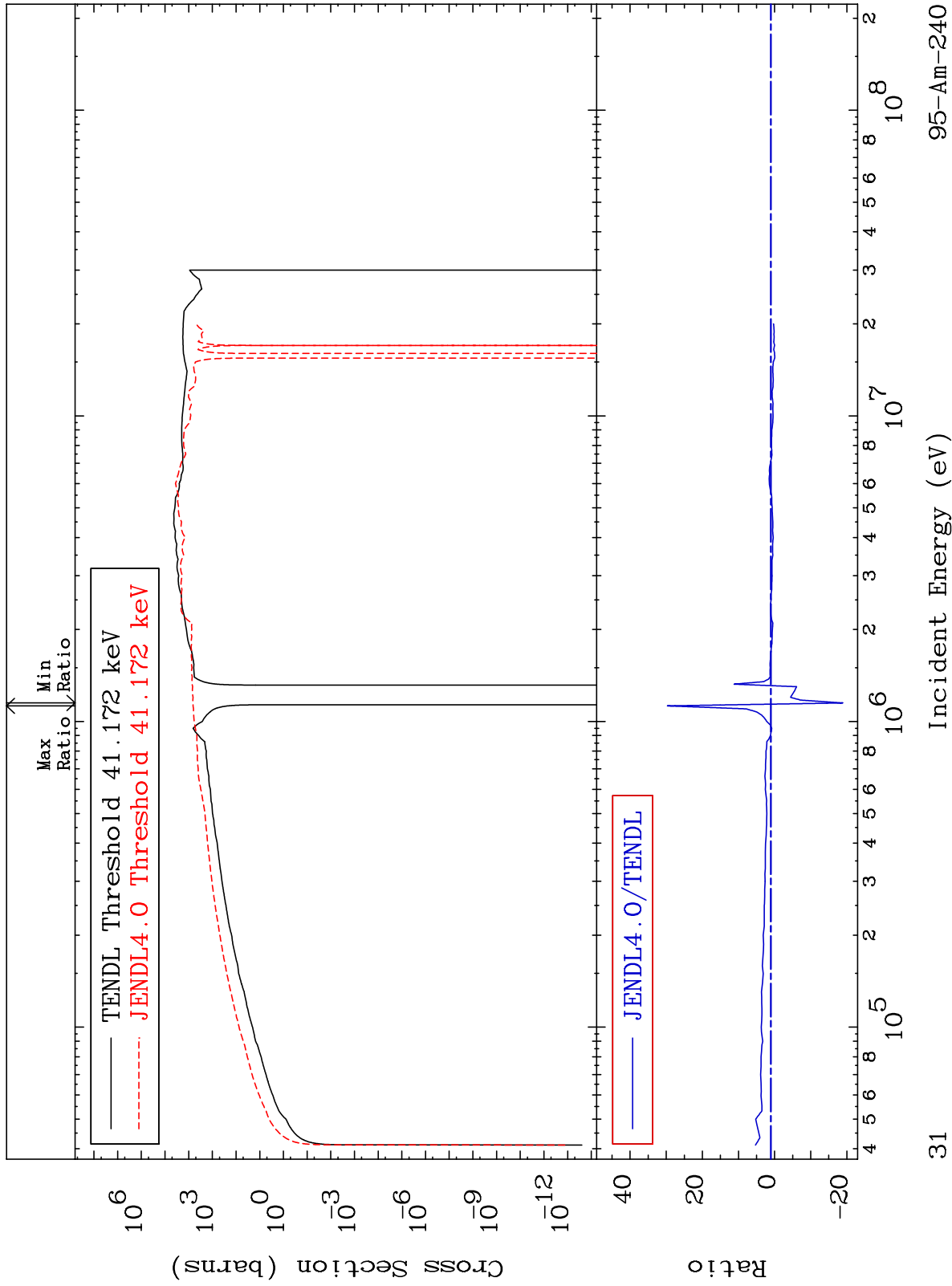
95-Am-240
-42.48 To 185.4 %



MAT 9540

Kerma inelastic (mt51-91)
Cross Section

95-Am-240
-1985. To 2864. %



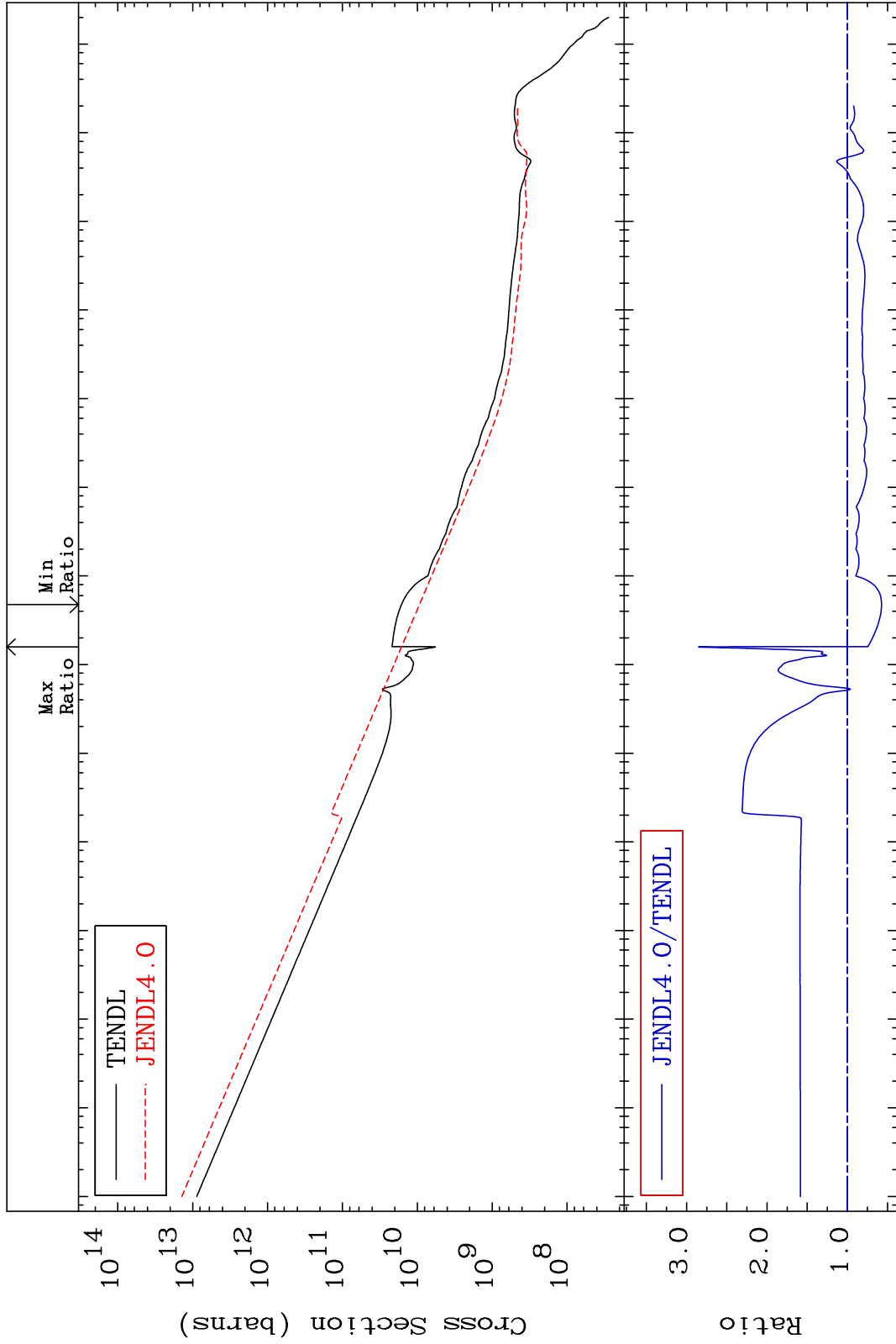
MAT 9540

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

95-Am-240

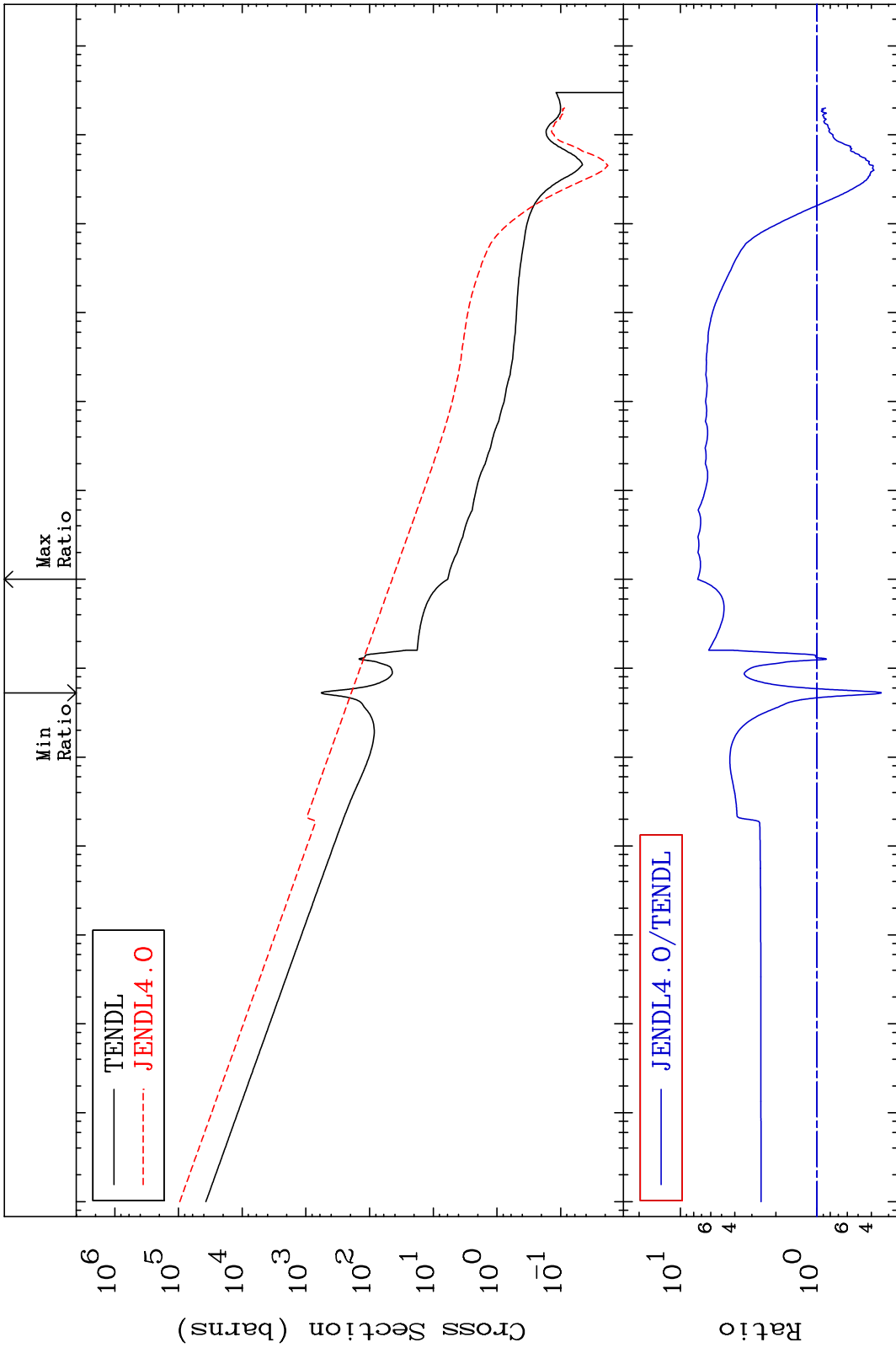
-42.48 To 185.4 %

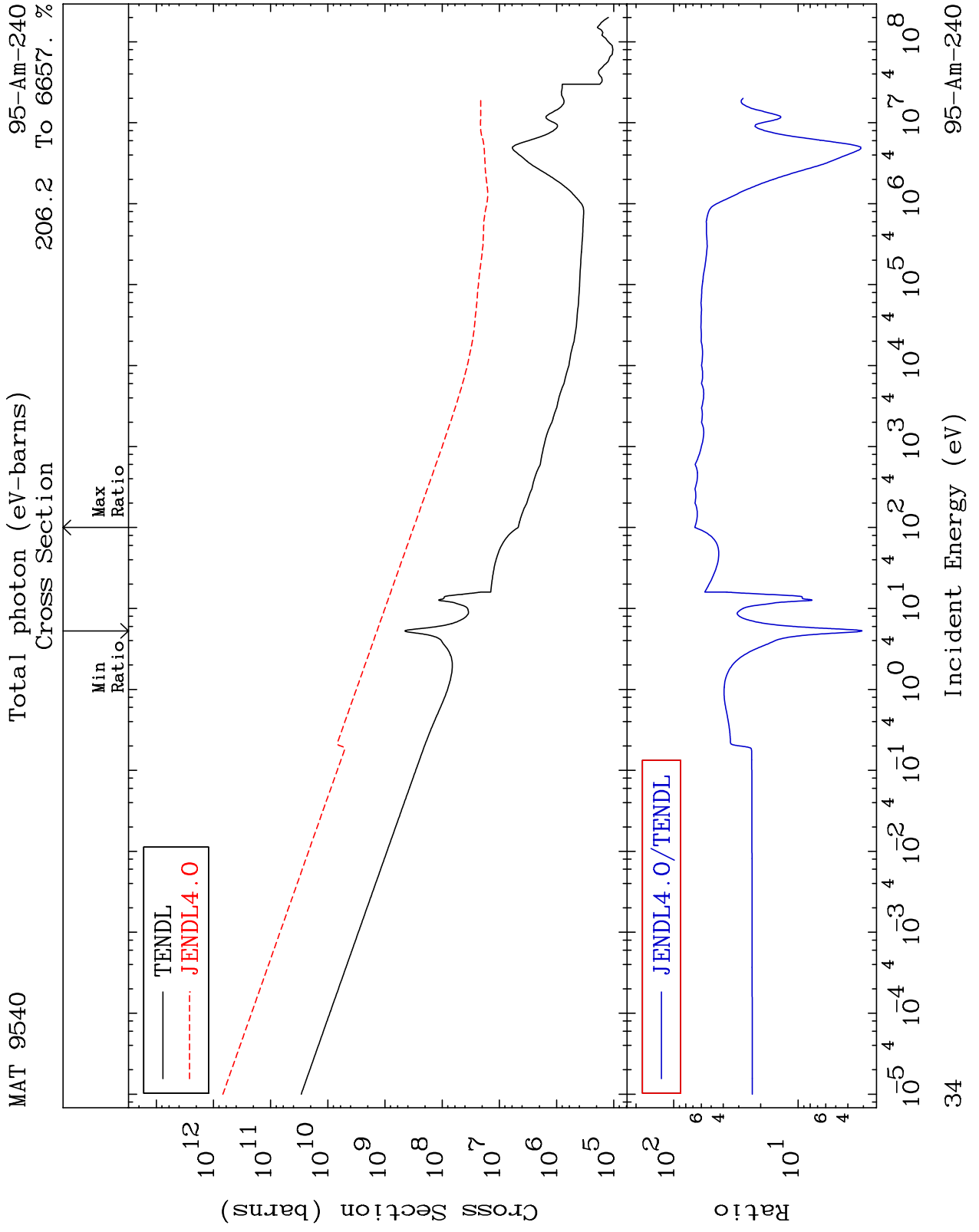
Cross Section



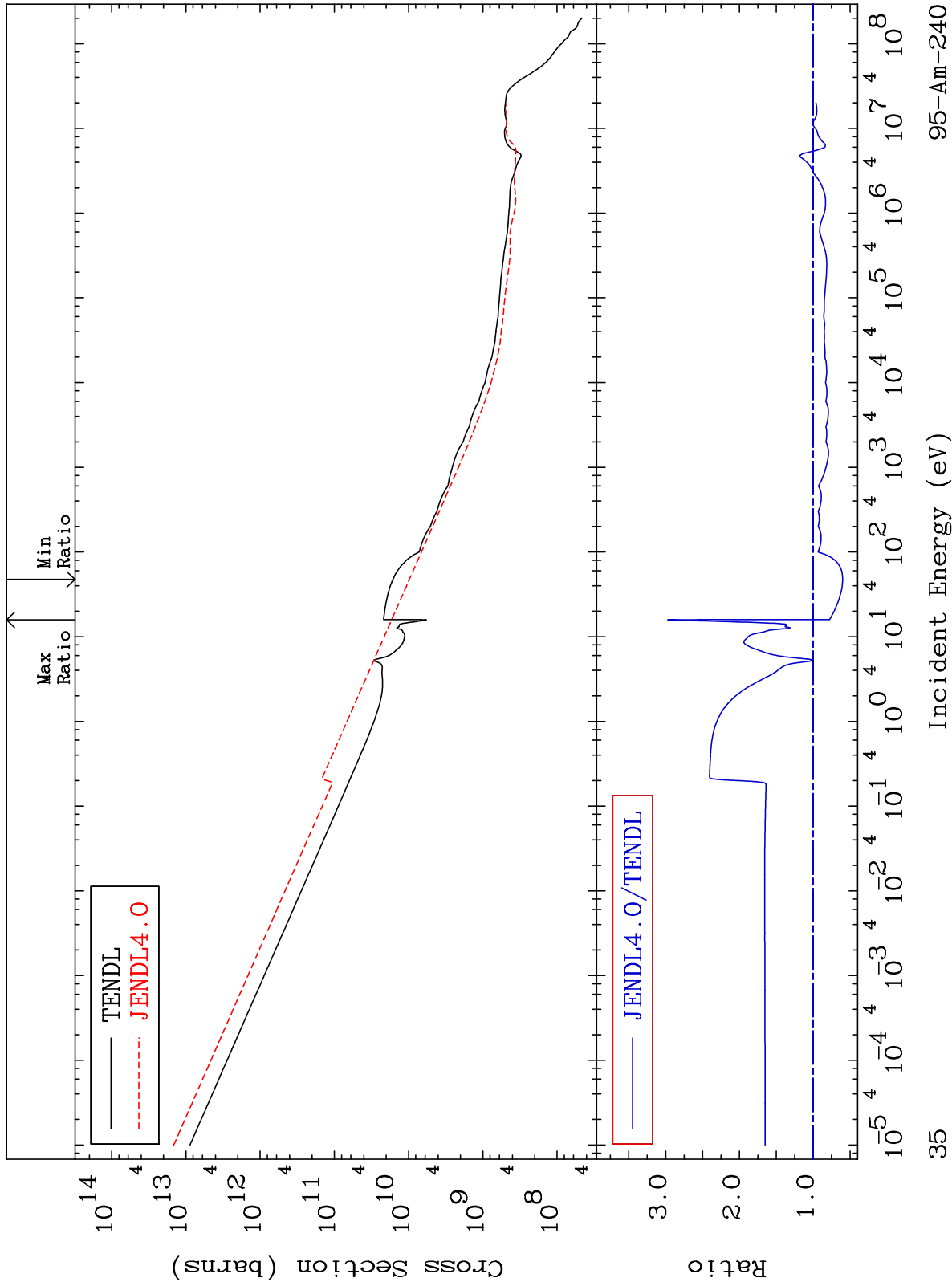
Incident Energy (eV) 95-Am-240

MAT 9540 Kerma capture (mt102) 95-Am-240
 -66.23 To 645.2 %
 Cross Section





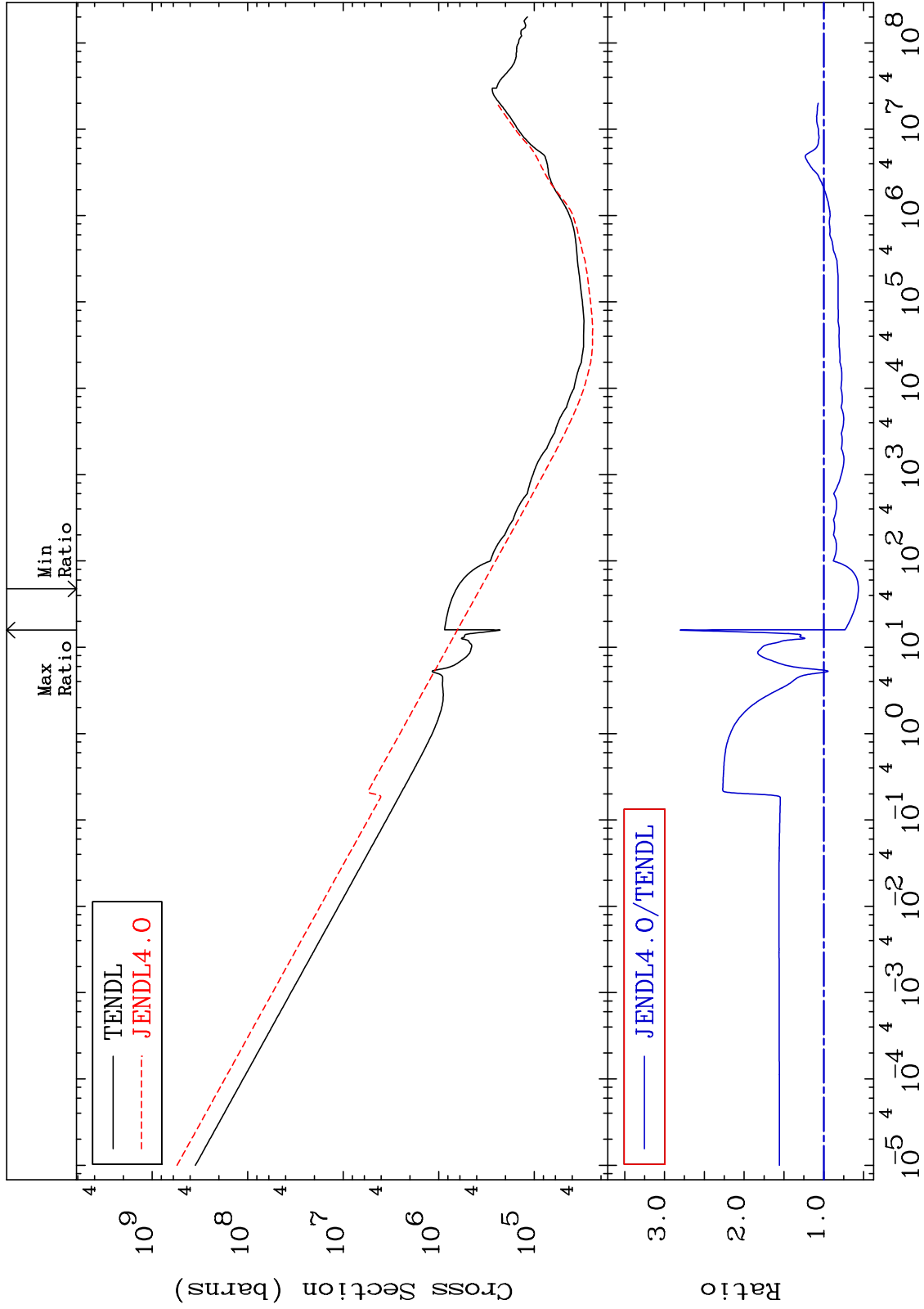
MAT 9540 Total kinematic kerma (high limit) 95-Am-240
-40.04 To 197.4 %
Cross Section



MAT 9540

Dpa total (eV-barns)

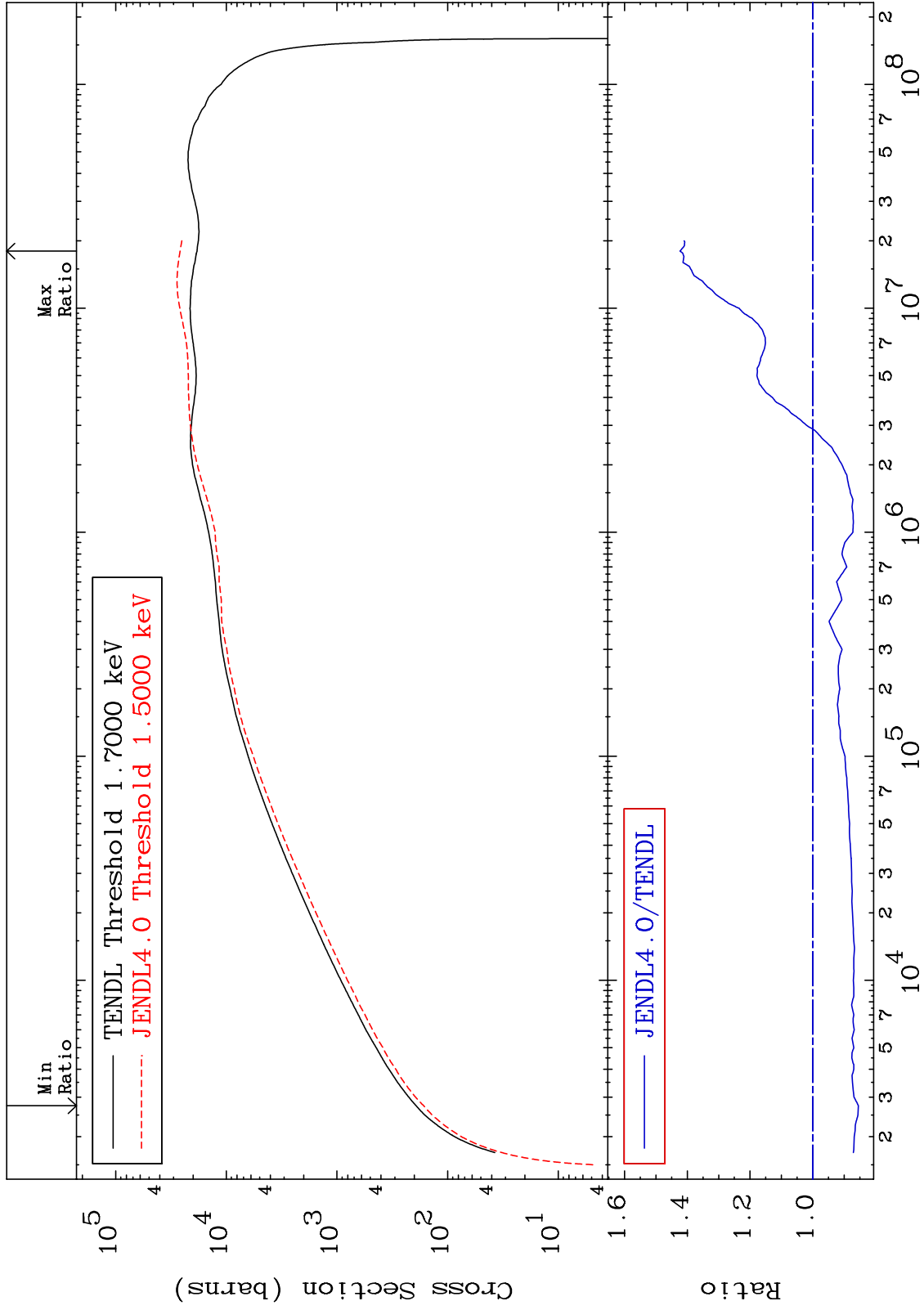
95-Am-240
-43.46 To 180.5 %



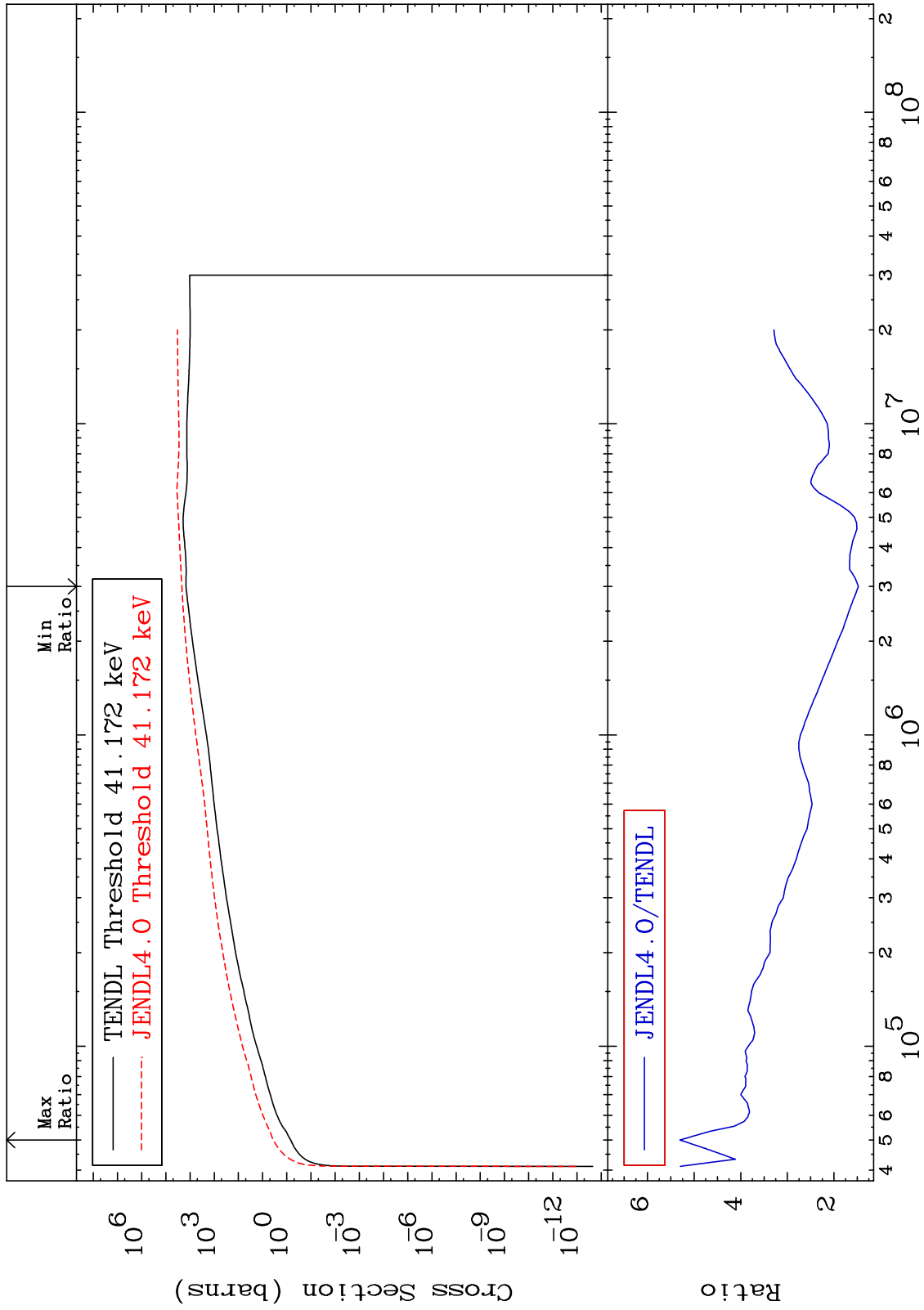
MAT 9540

Dpa elastic (mt2)
Cross Section

95-Am-240
-14.52 To 42.31 %



MAT 9540 Dpa inelastic (mt51-91) 95-Am-240
 Cross Section 47.52 To 430.2 %



MAT 9540 Dpa disappearance (mt102 -120) 95-Am-240
 Cross Section -100.0 To 547.1 %

