

Program Complot  
(Version 2021-1)

by

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U.S.A.

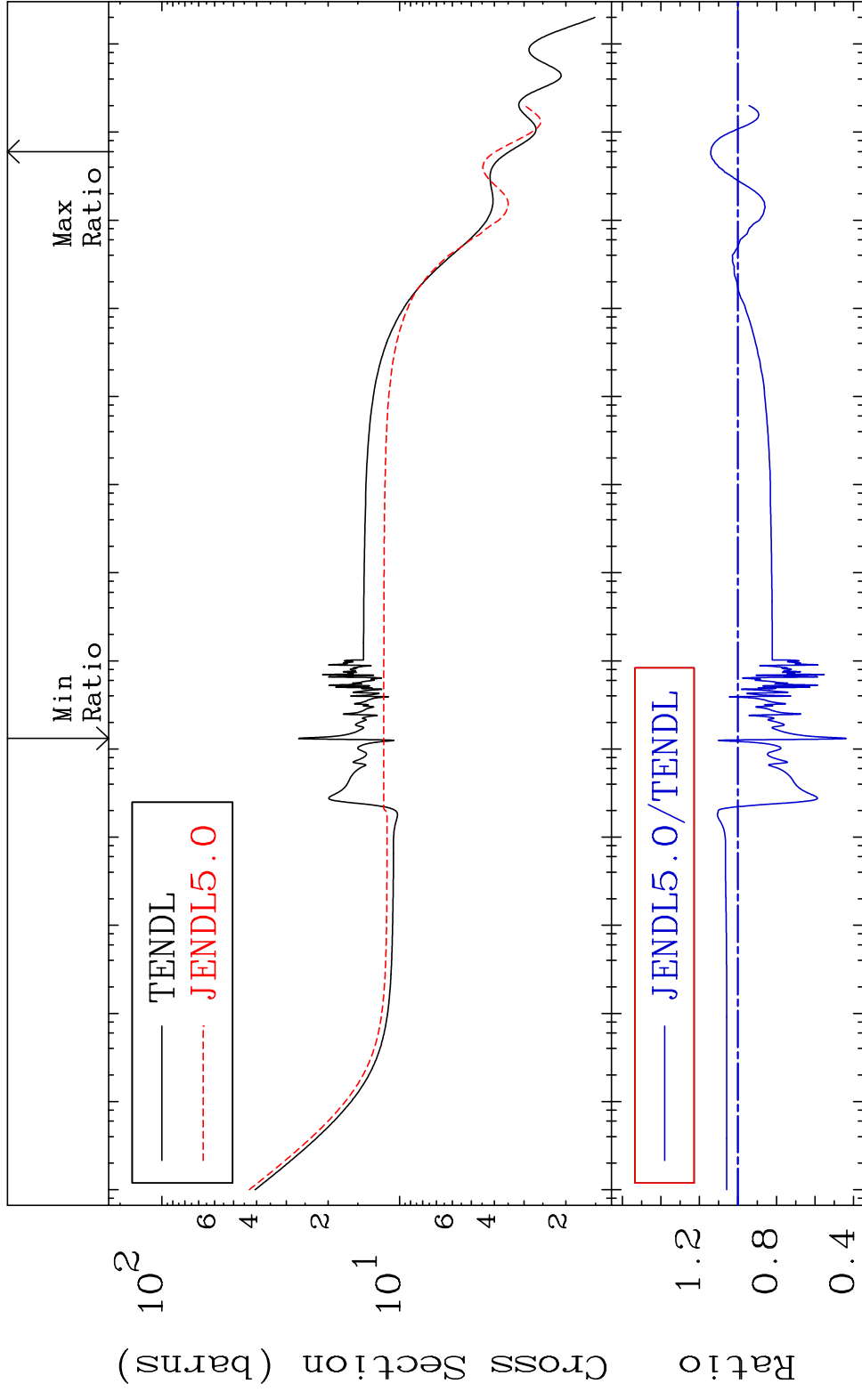
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

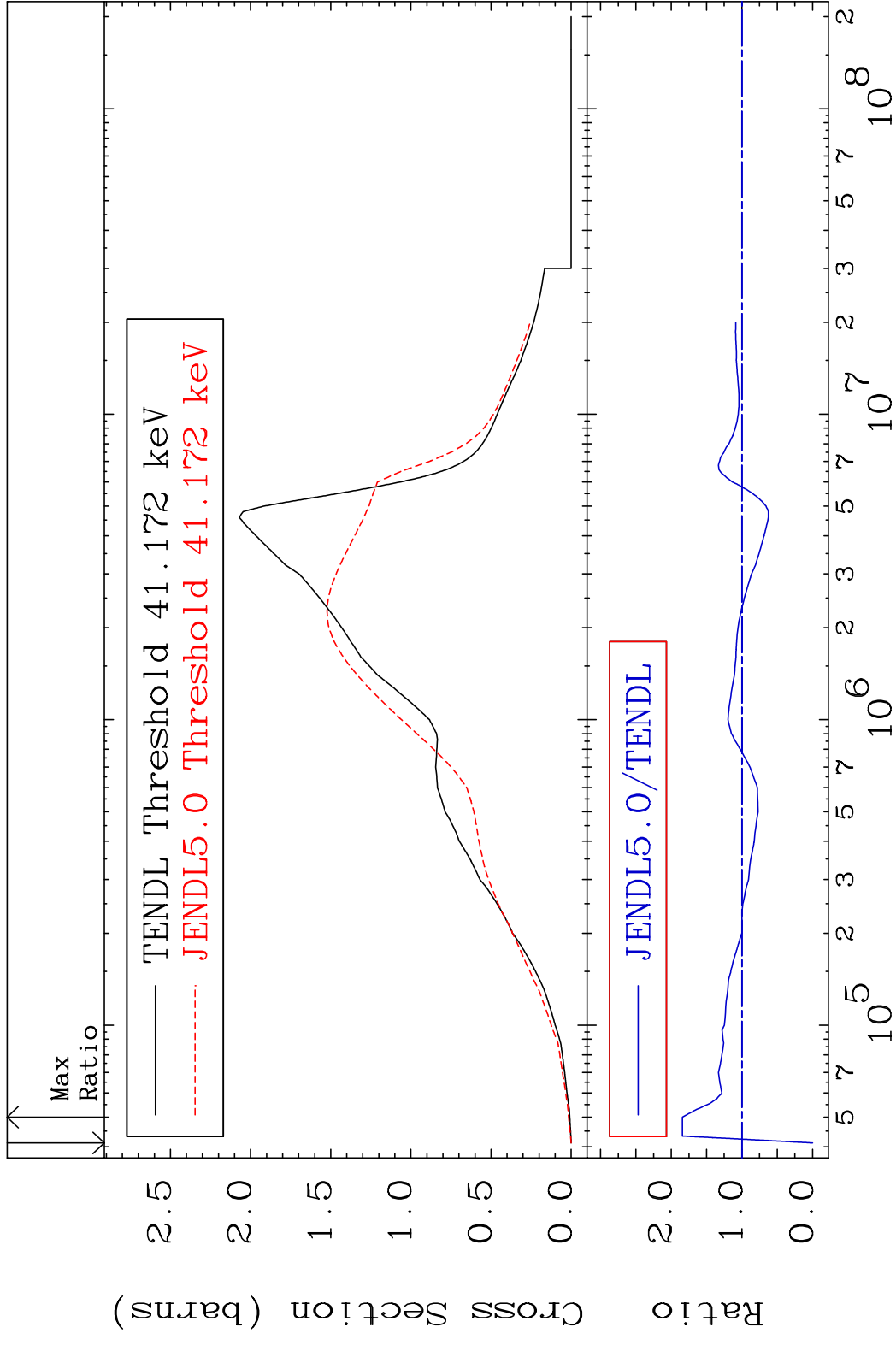


MAT 9540 Elastic Cross Section -56.25 To 14.11 % 95-Am-240

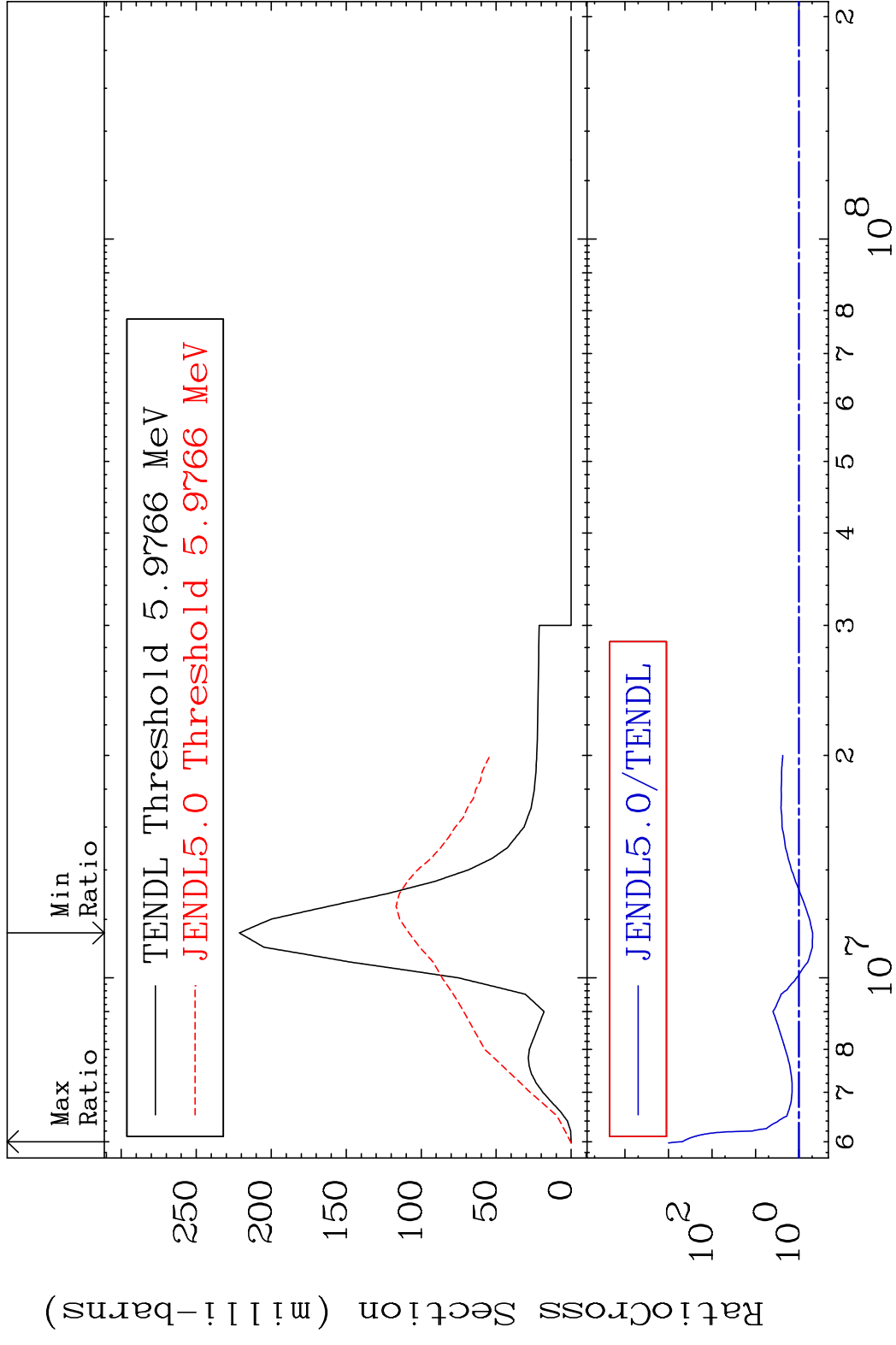


2 Incident Energy (eV) 95-Am-240

MAT 9540 Inelastic Cross Section -100.0 To 84.25 % 95-Am-240



MAT 9540 (n,2n) 95-Am-240  
 Cross Section -51.12 To 9999. %



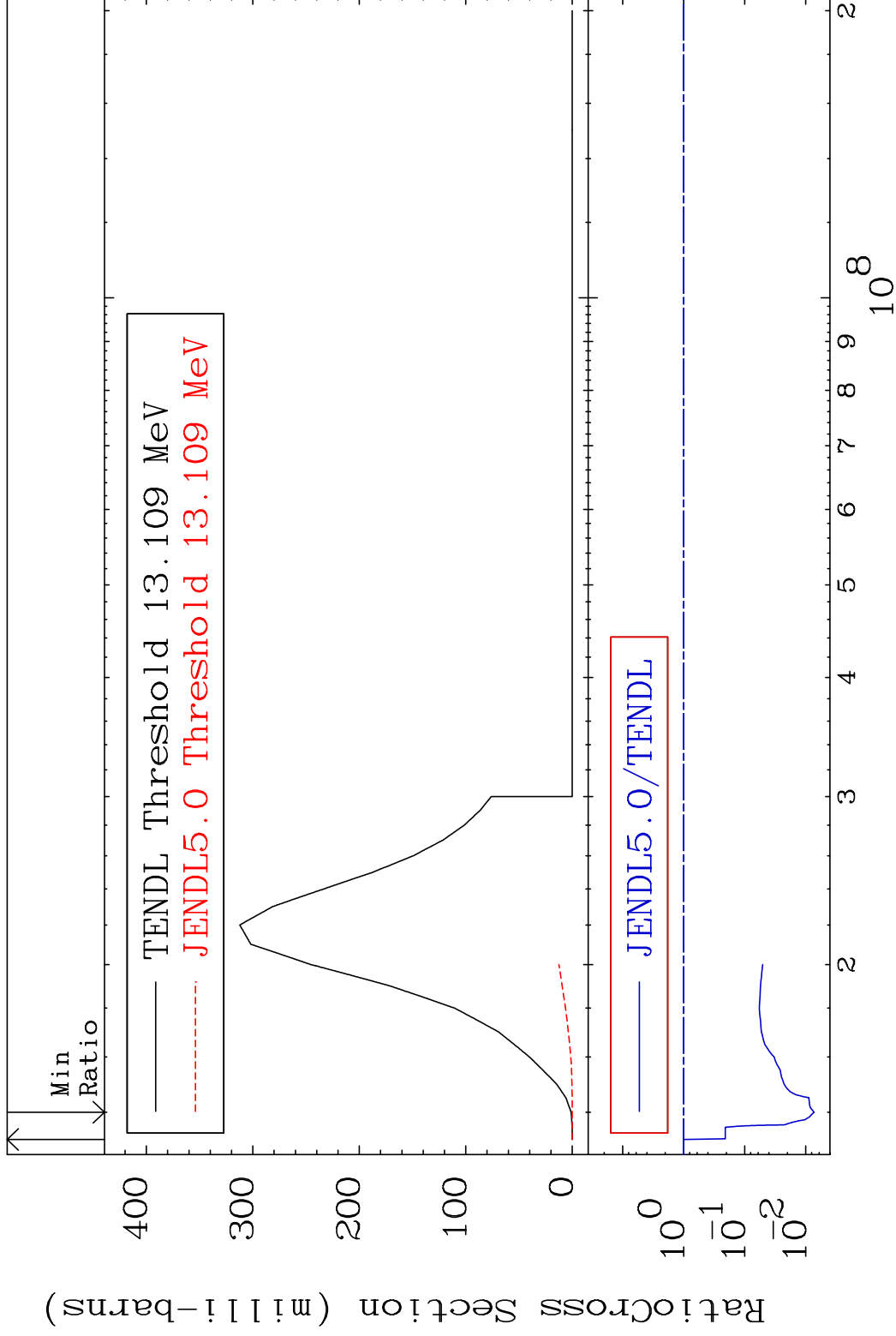
4 95-Am-240

MAT 9540

(n,3n)

95-Am-240

Cross Section -99.27 To 0.000 %

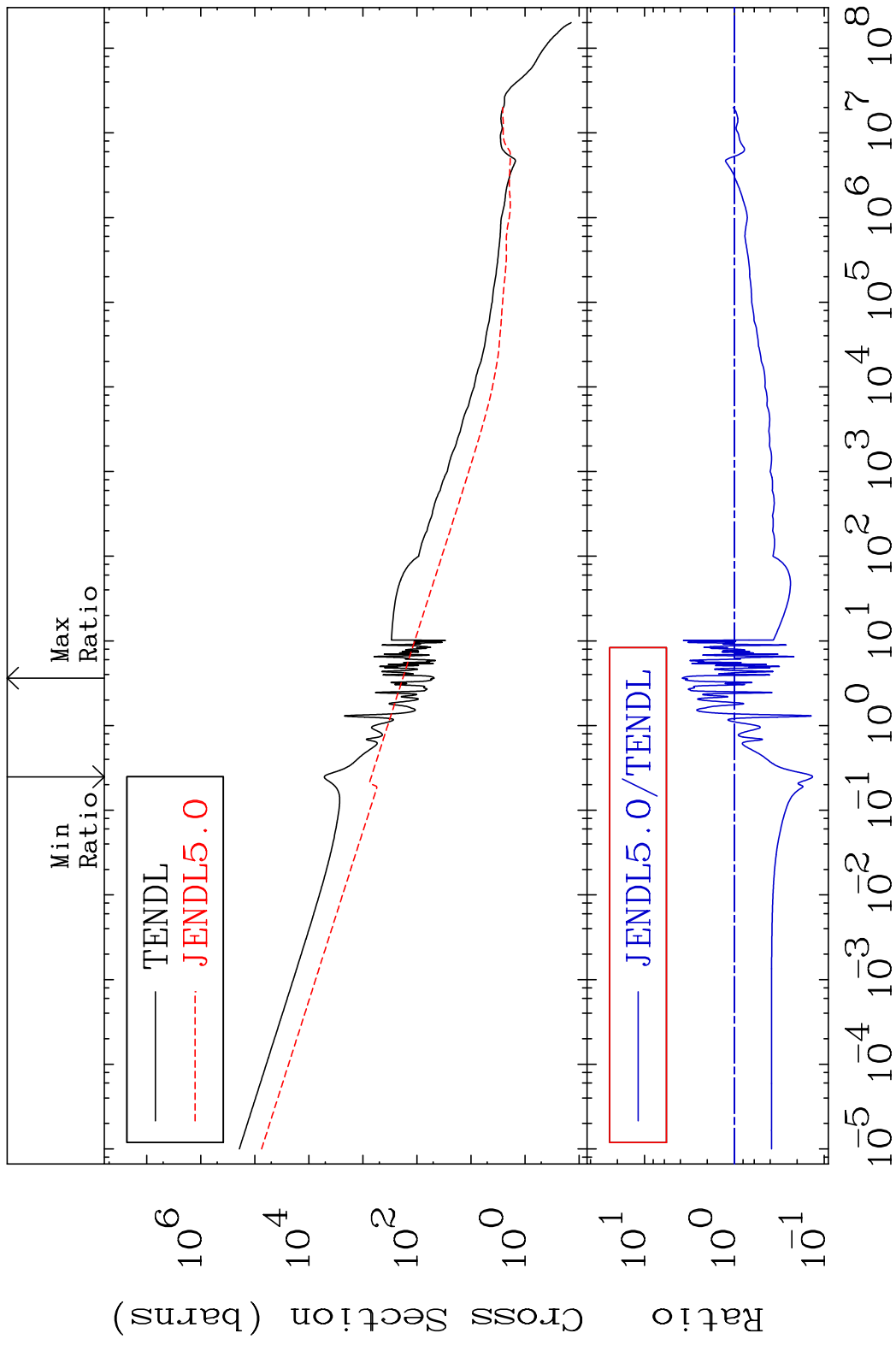


5

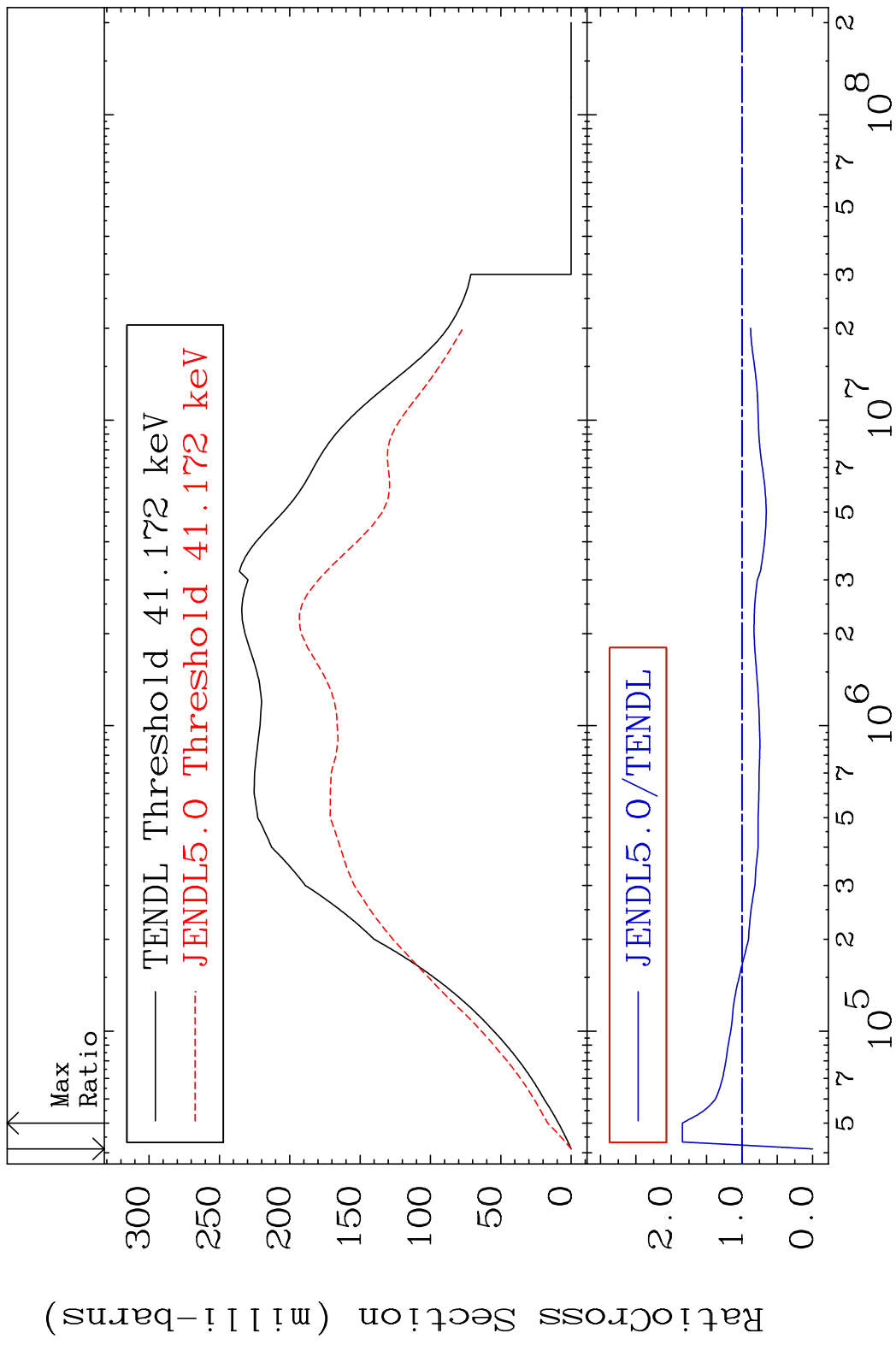
Incident Energy (eV)

95-Am-240

MAT 9540                      Fission                      95-Am-240  
 Cross Section                      -86.50 To 279.1 %

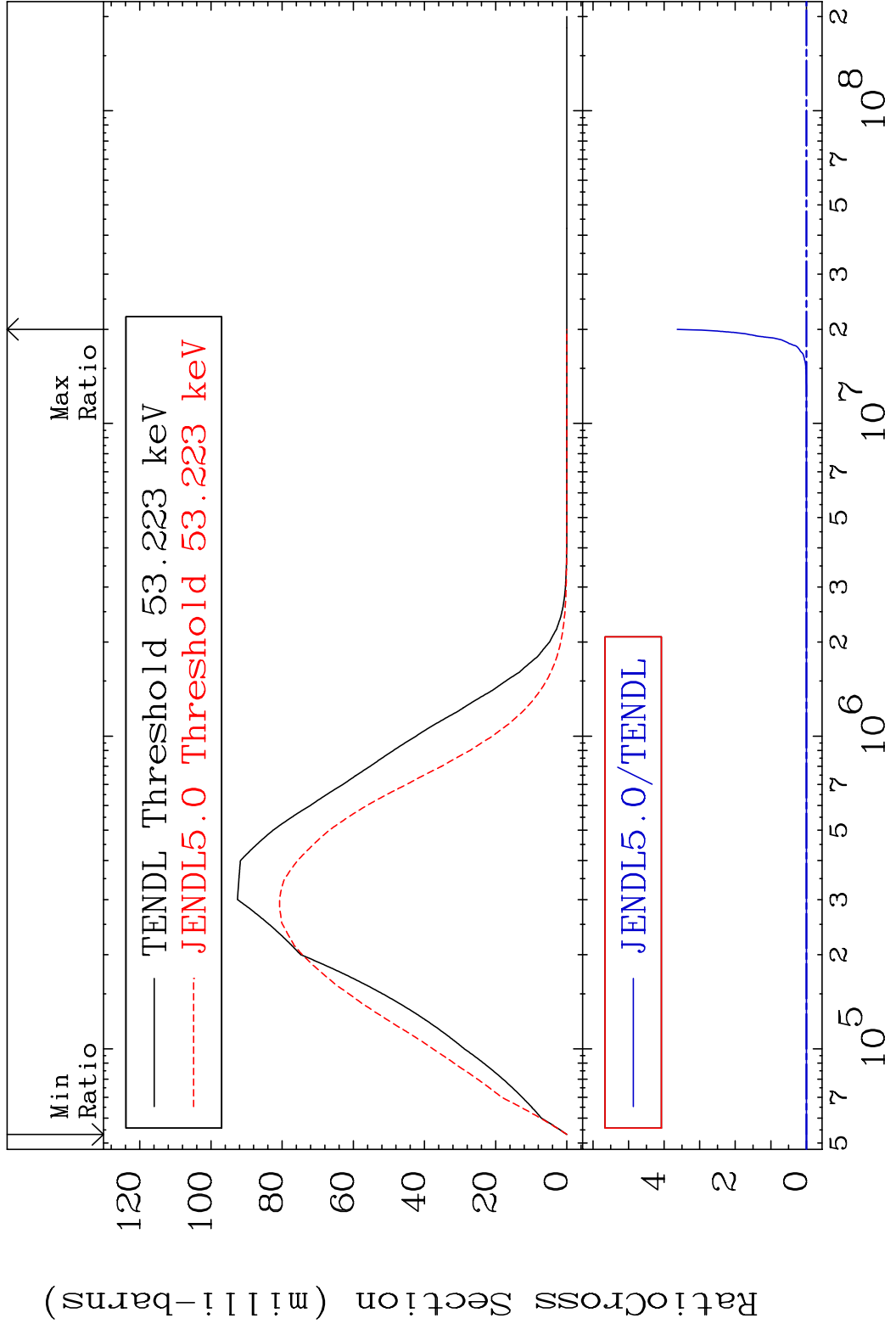


MAT 9540 MT= 51 (n,n') Level 95-Am-240  
 Cross Section -100.0 To 84.25 %



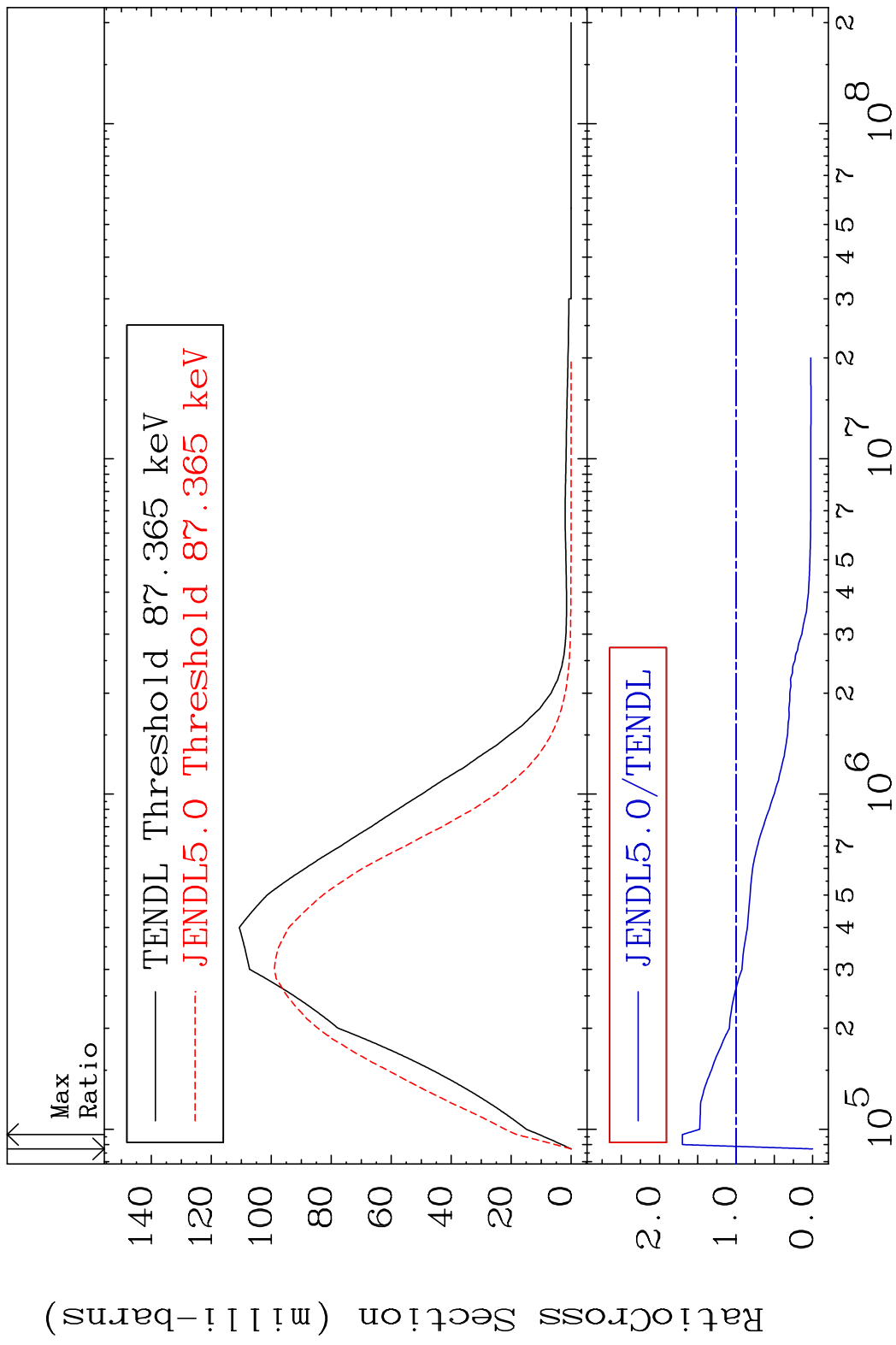
7 95-Am-240

MAT 9540 MT= 52 (n, n') Level 95-Am-240  
 Cross Section -100.0 To 9999. %



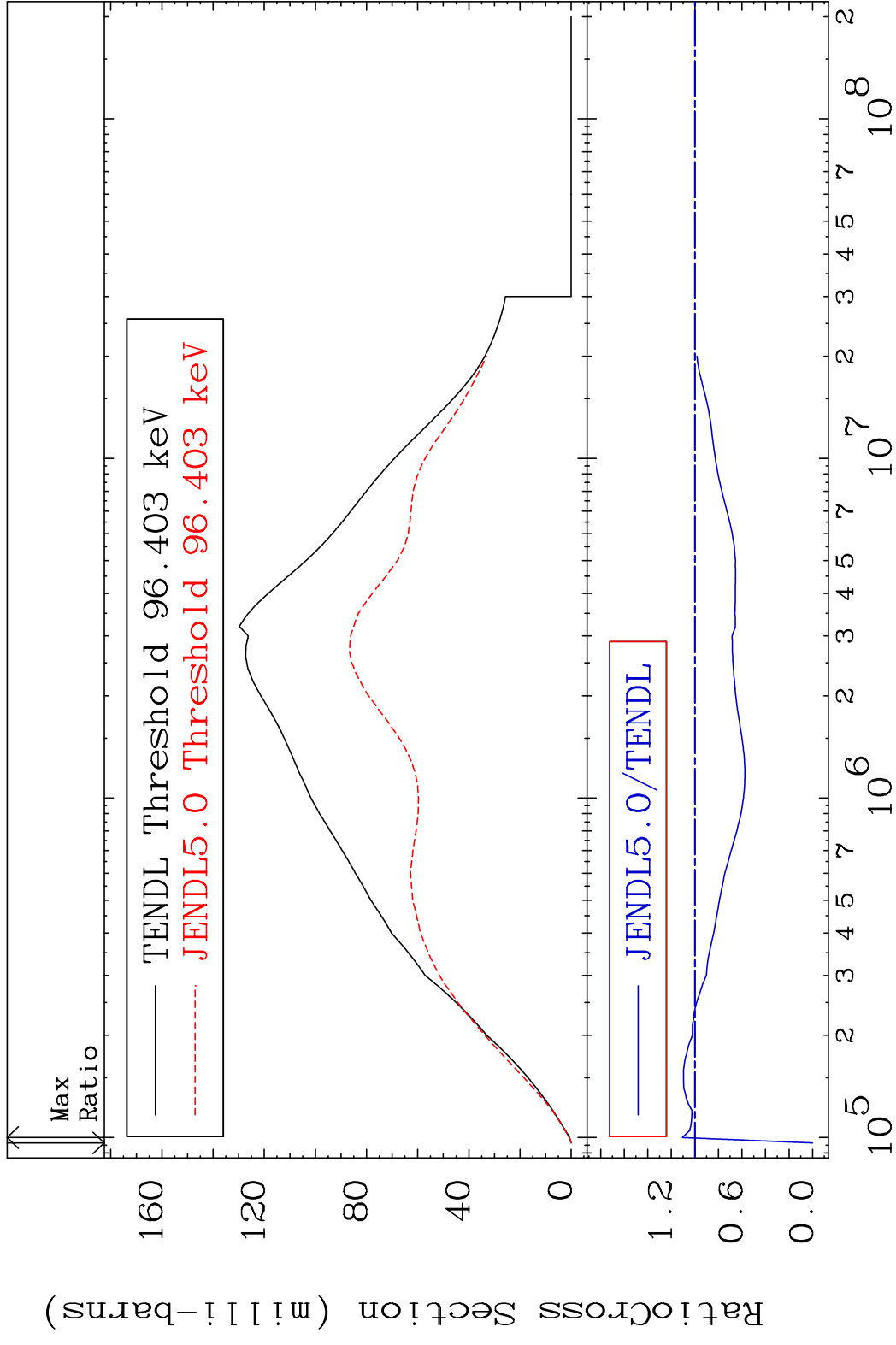
8 8 95-Am-240

MAT 9540 MT= 53 (n, n') Level 95-Am-240  
 Cross Section -100.0 To 70.16 %



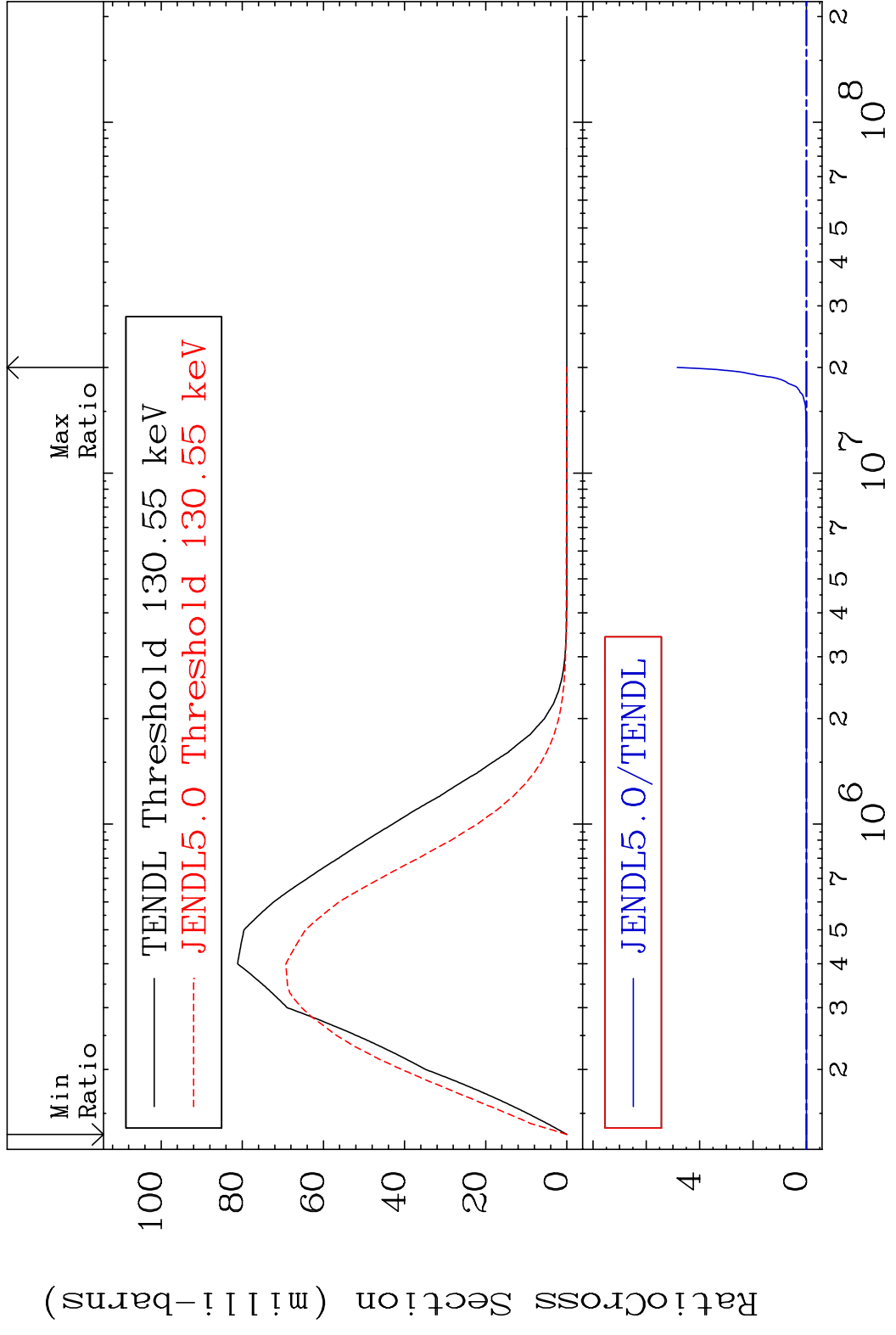
9 95-Am-240

MAT 9540 MT= 54 (n, n') Level 95-Am-240  
 Cross Section -100.0 To 10.59 %

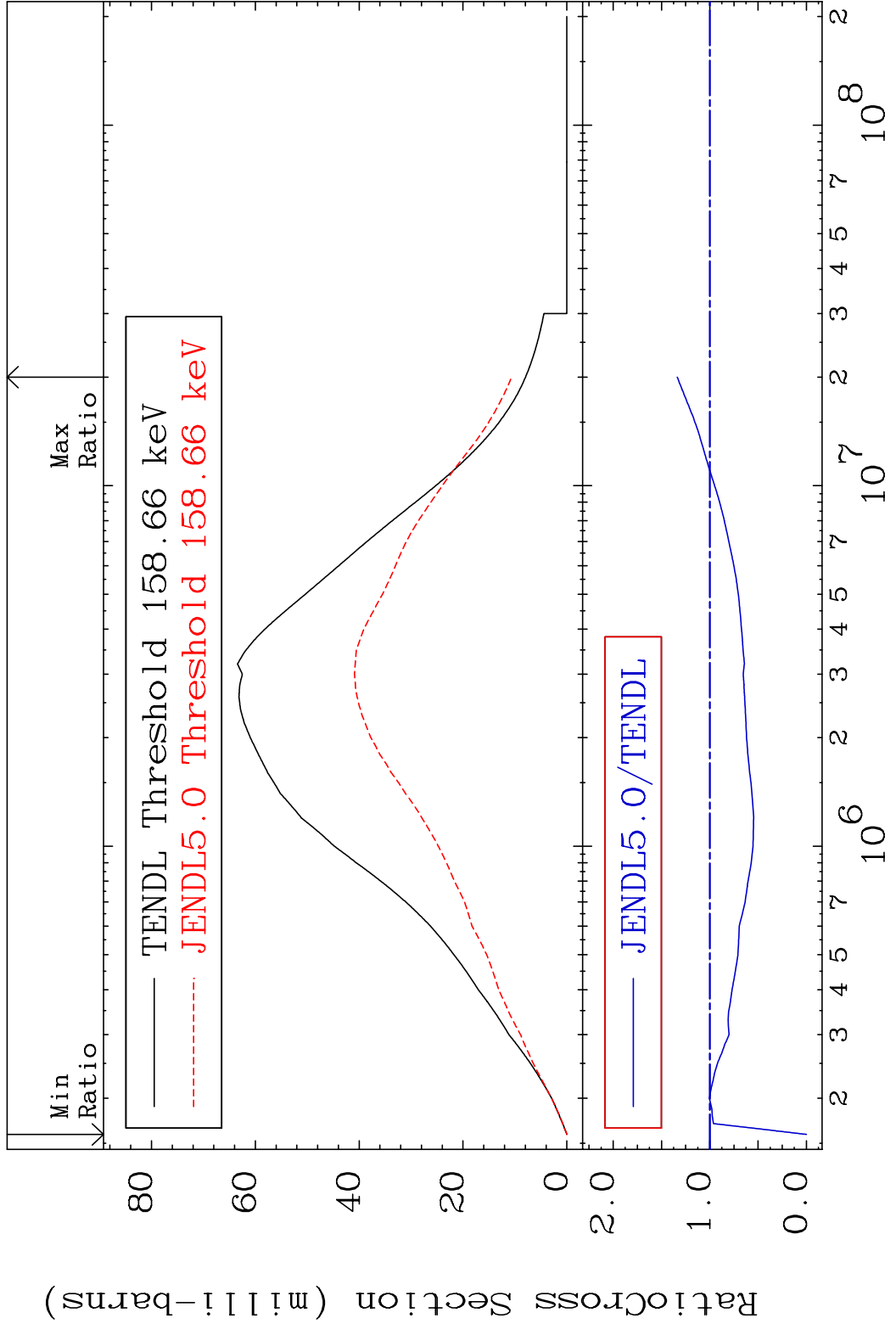


10 Incident Energy (eV) 95-Am-240

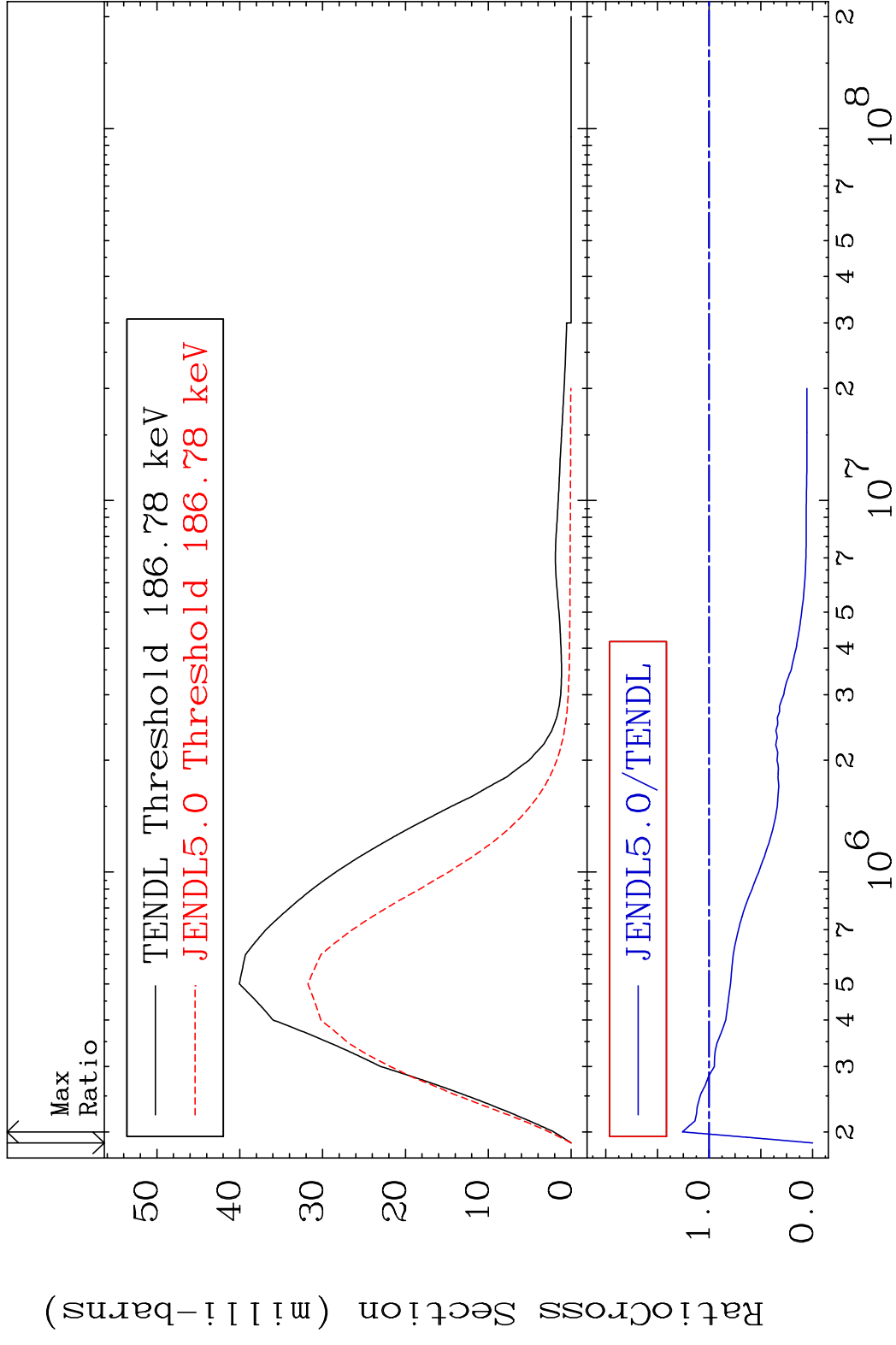
MAT 9540 MT= 55 (n,n') Level 95-Am-240  
 Cross Section -100.0 To 9999. %



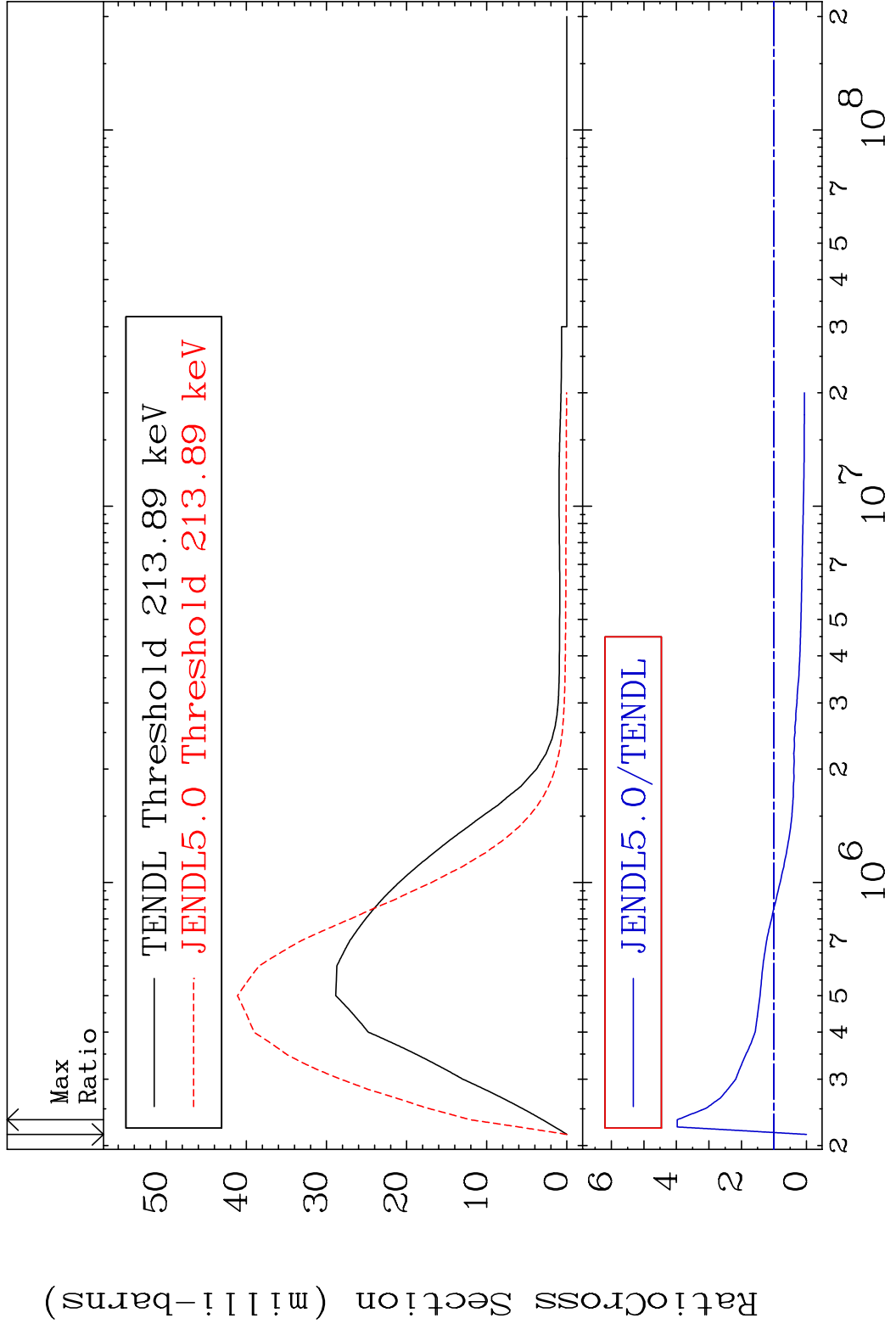
MAT 9540 MT= 56 (n, n') Level 95-Am-240  
 Cross Section -100.0 To 33.76 %



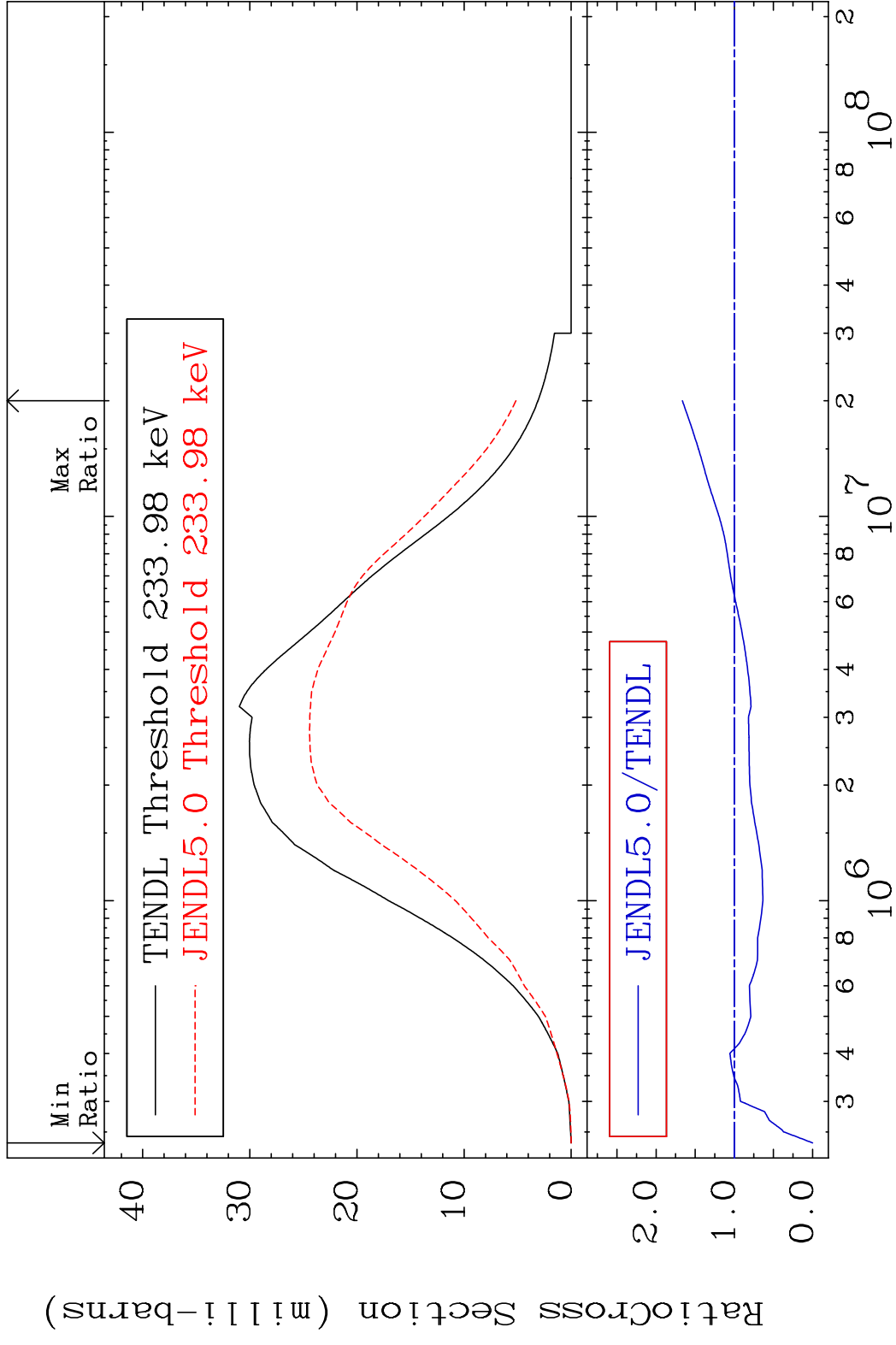
MAT 9540 MT= 57 (n,n') Level 95-Am-240  
 Cross Section -100.0 To 25.92 %



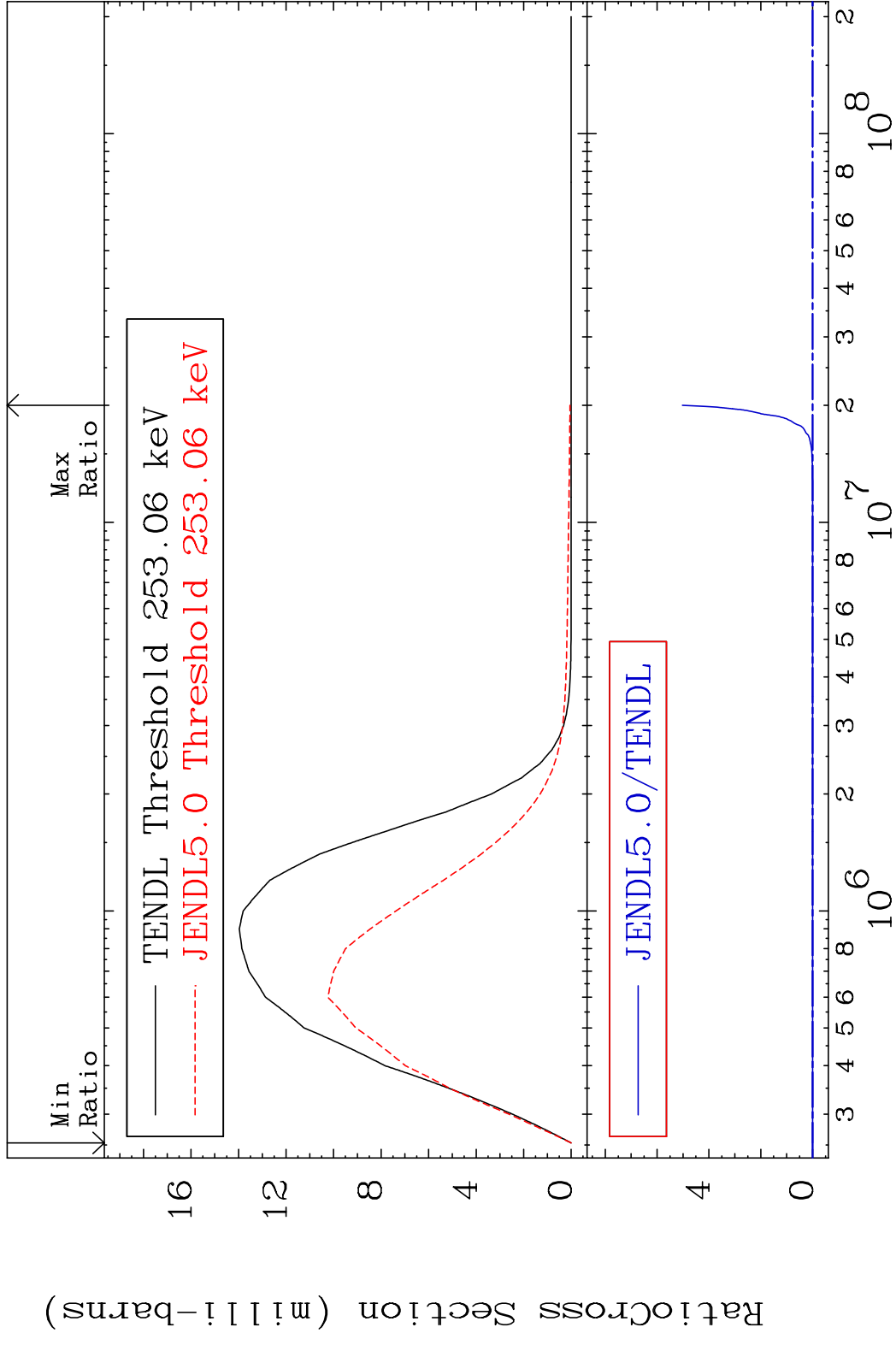
MAT 9540 MT= 58 (n, n') Level 95-Am-240  
 Cross Section -100.0 To 297.5 %



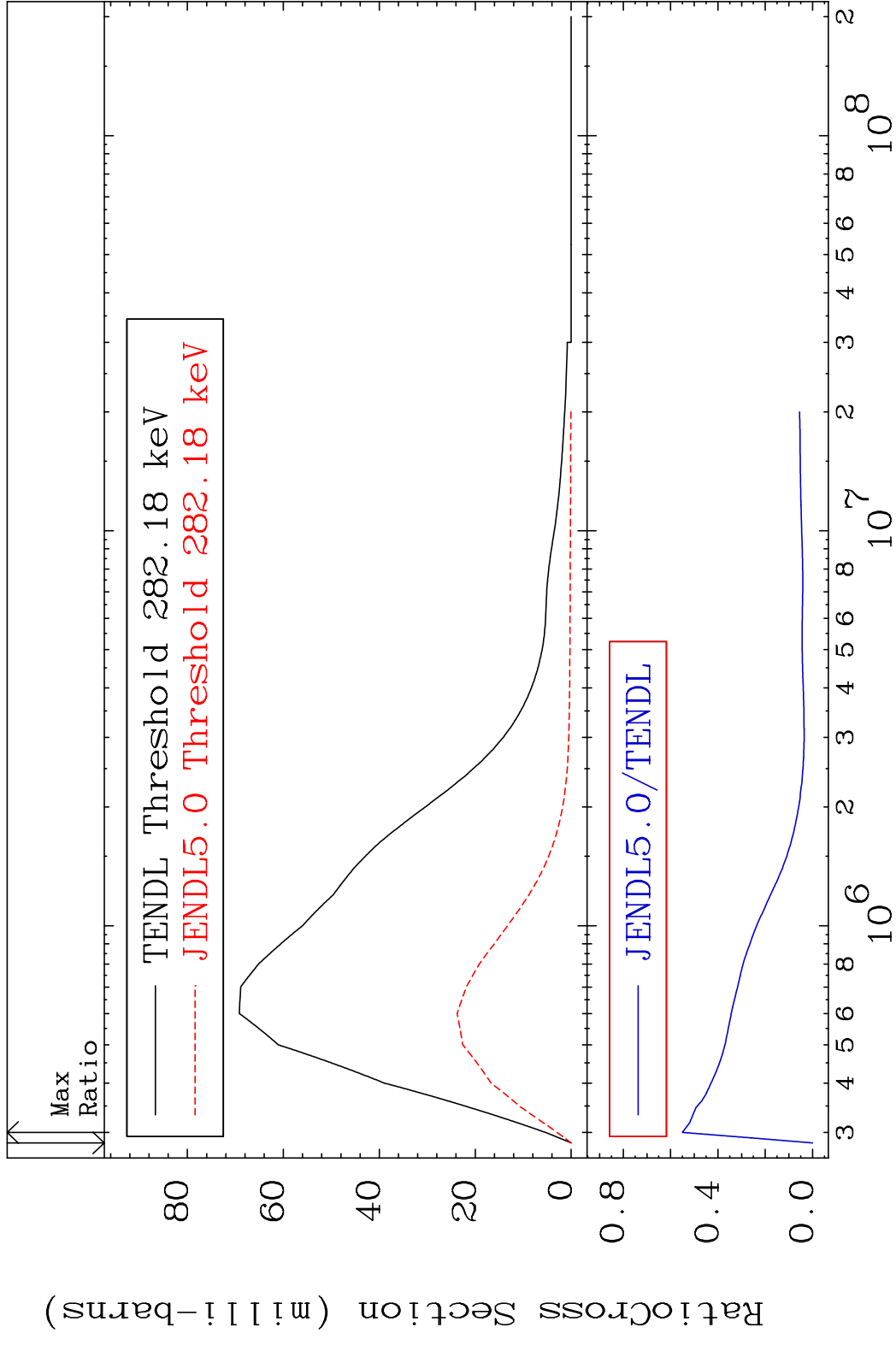
MAT 9540 MT= 59 (n, n') Level 95-Am-240  
 Cross Section -100.0 To 66.40 %



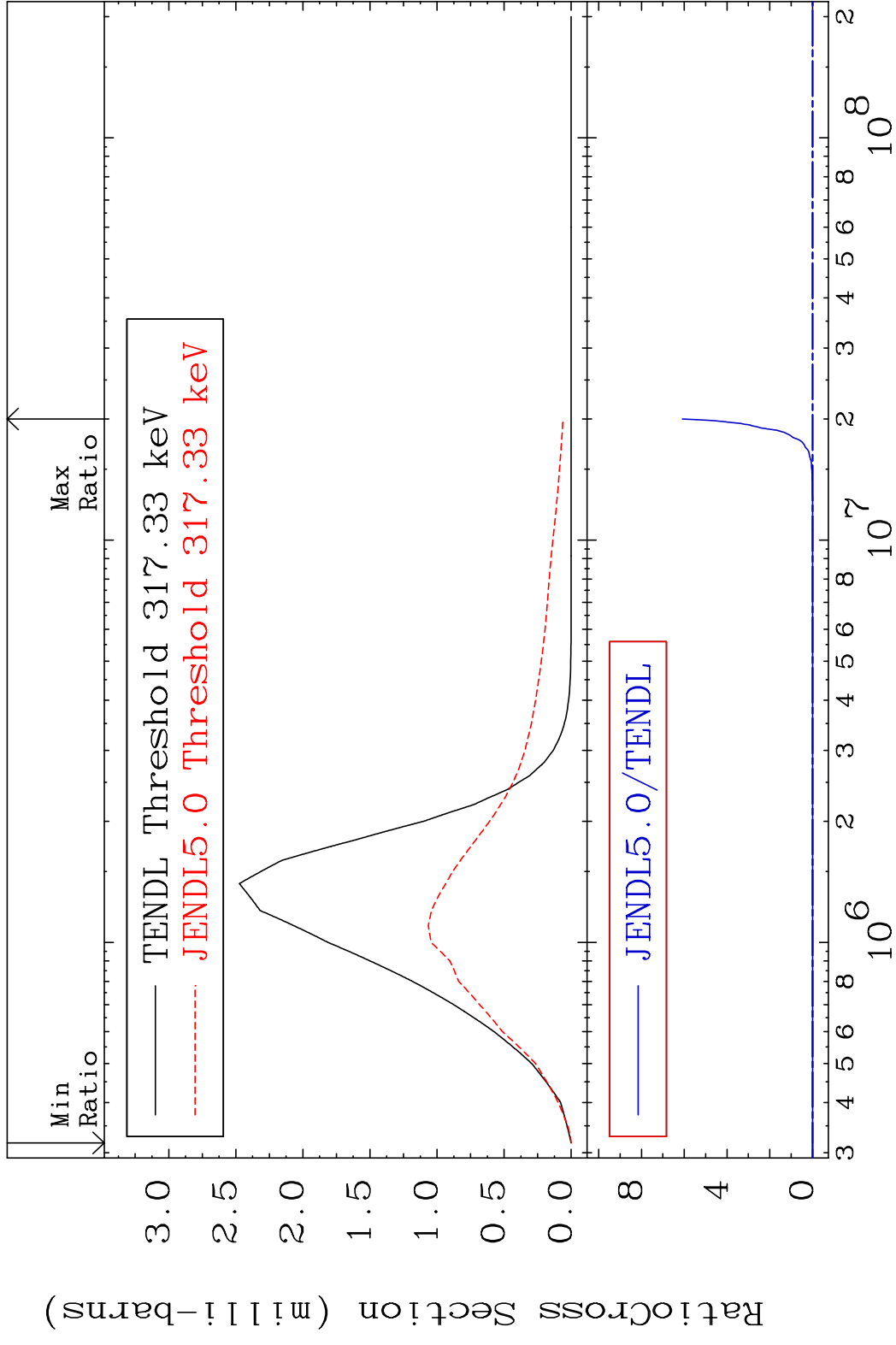
MAT 9540 MT= 60 (n,n') Level 95-Am-240  
 Cross Section -100.0 To 9999. %



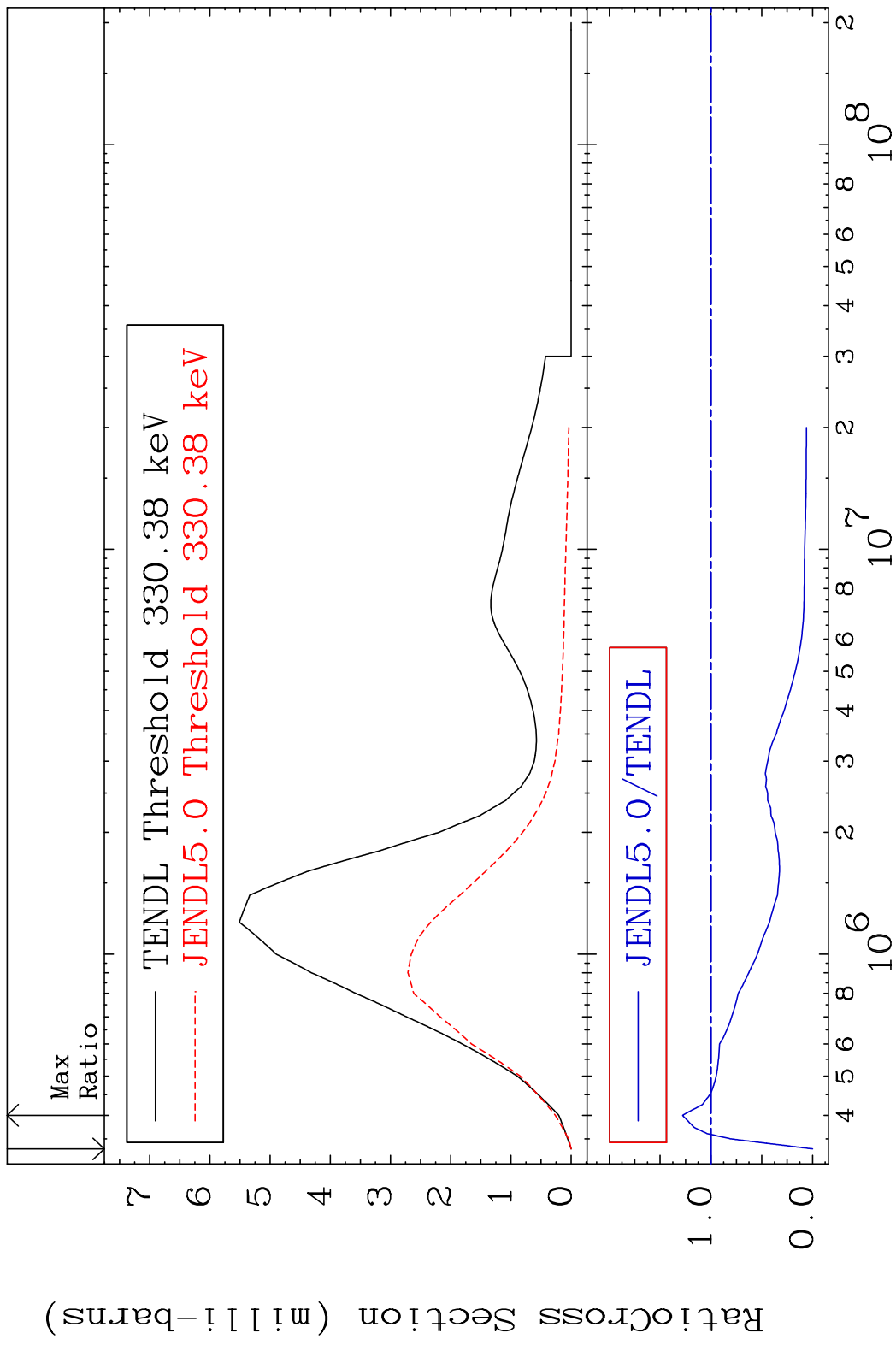
MAT 9540 MT= 61 (n,n') Level 95-Am-240  
 Cross Section -100.0 To -44.97%



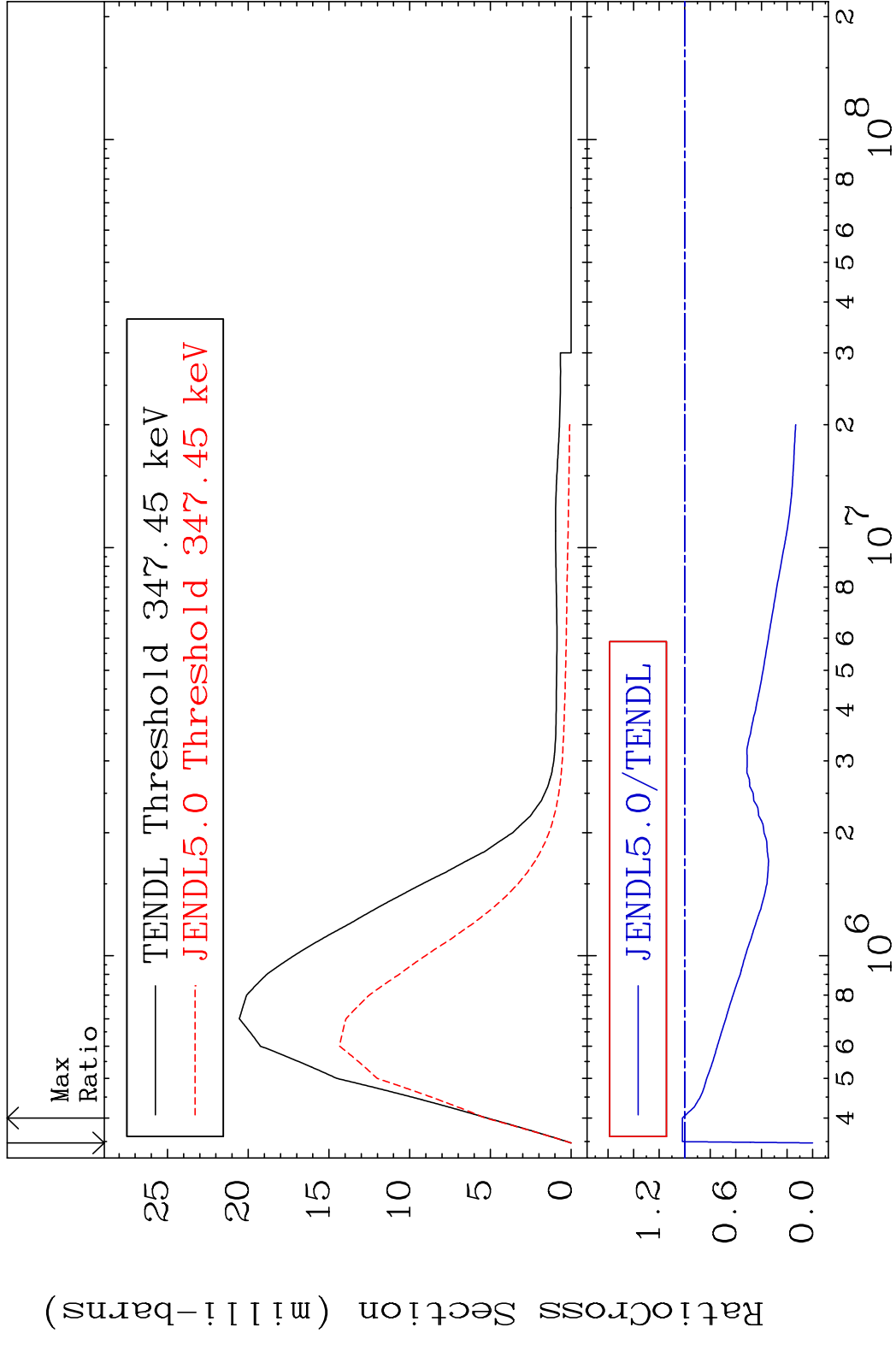
MAT 9540 MT= 62 (n, n') Level 95-Am-240  
 Cross Section -100.0 To 9999. %



MAT 9540 MT= 63 (n, n') Level 95-Am-240  
 Cross Section -100.0 To 28.13 %

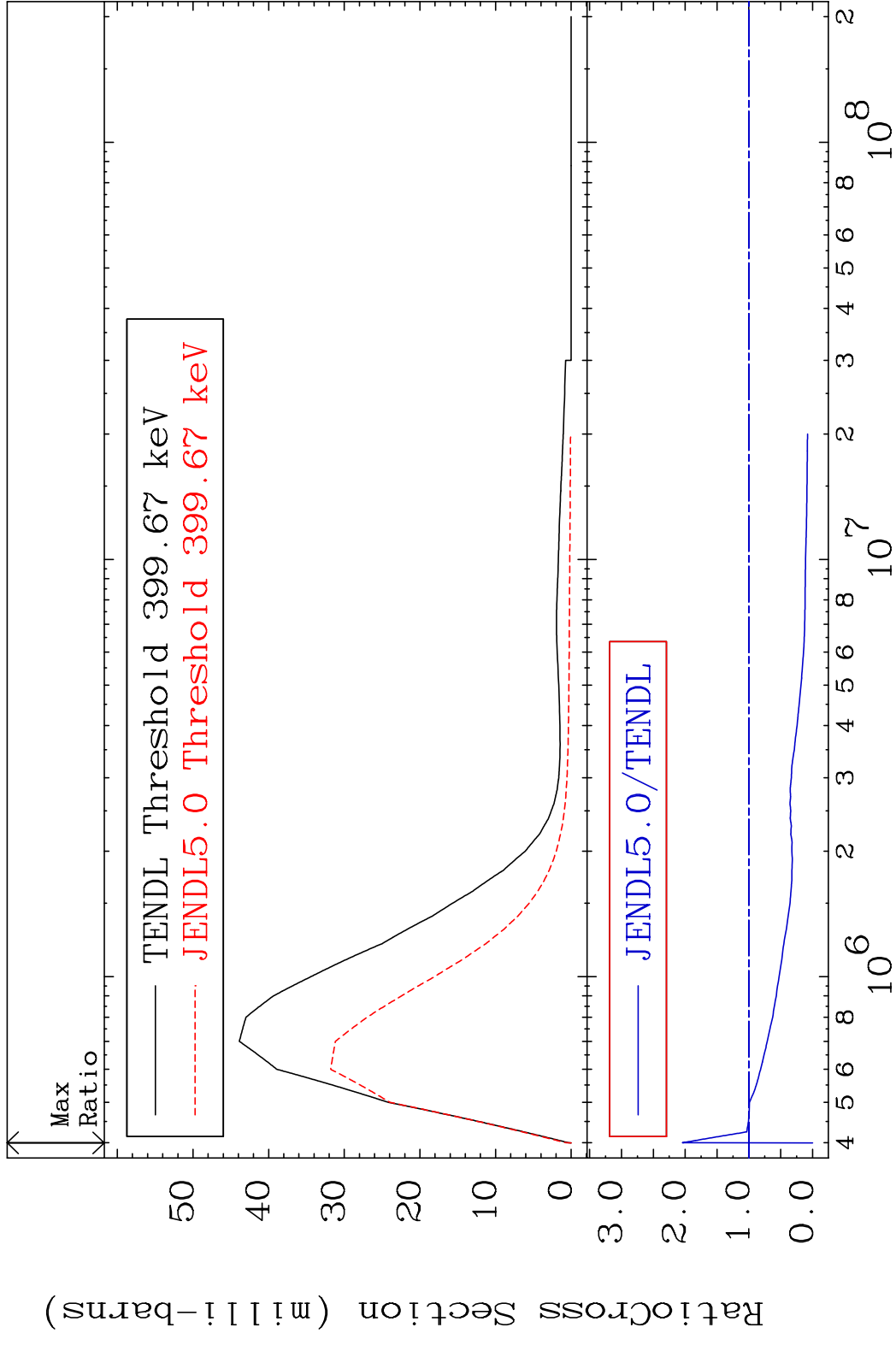


MAT 9540 MT= 64 (n, n') Level 95-Am-240  
 Cross Section -100.0 To 1.846 %



20 95-Am-240

MAT 9540 MT= 65 (n,n') Level 95-Am-240  
 Cross Section -100.0 To 104.4 %

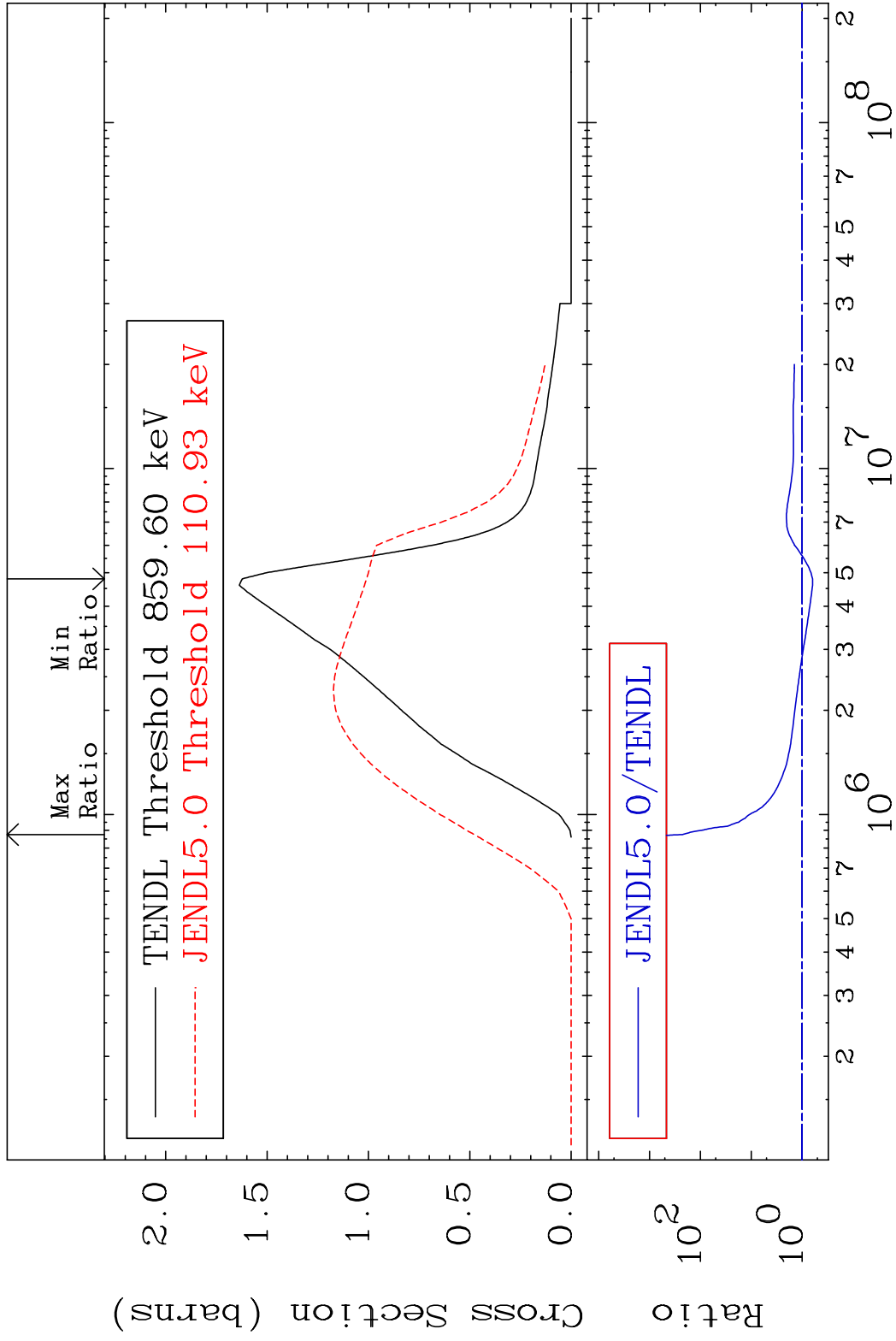


MAT 9540

(n,n') Continuum

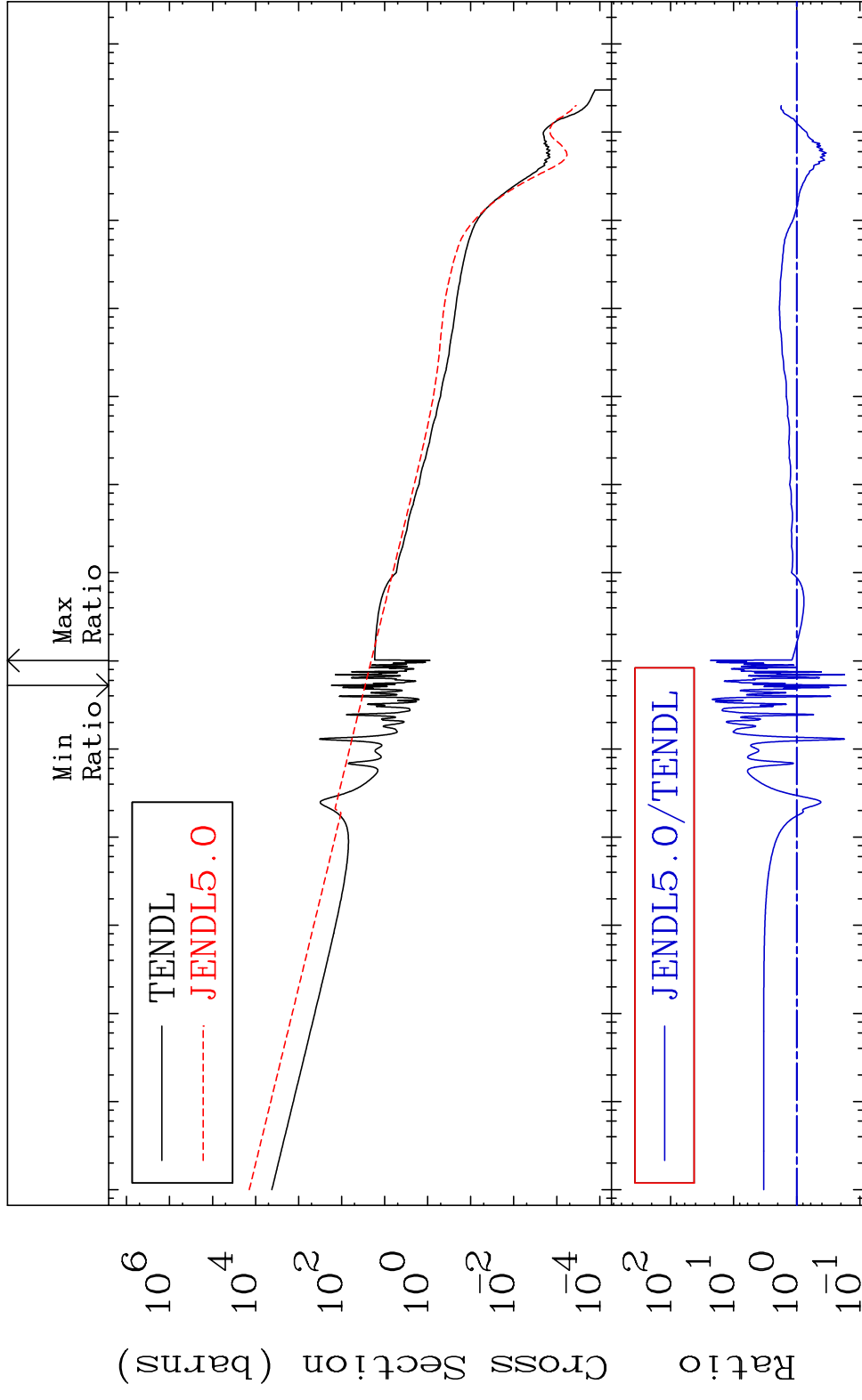
95-Am-240

Cross Section -37.78 To 9999. %

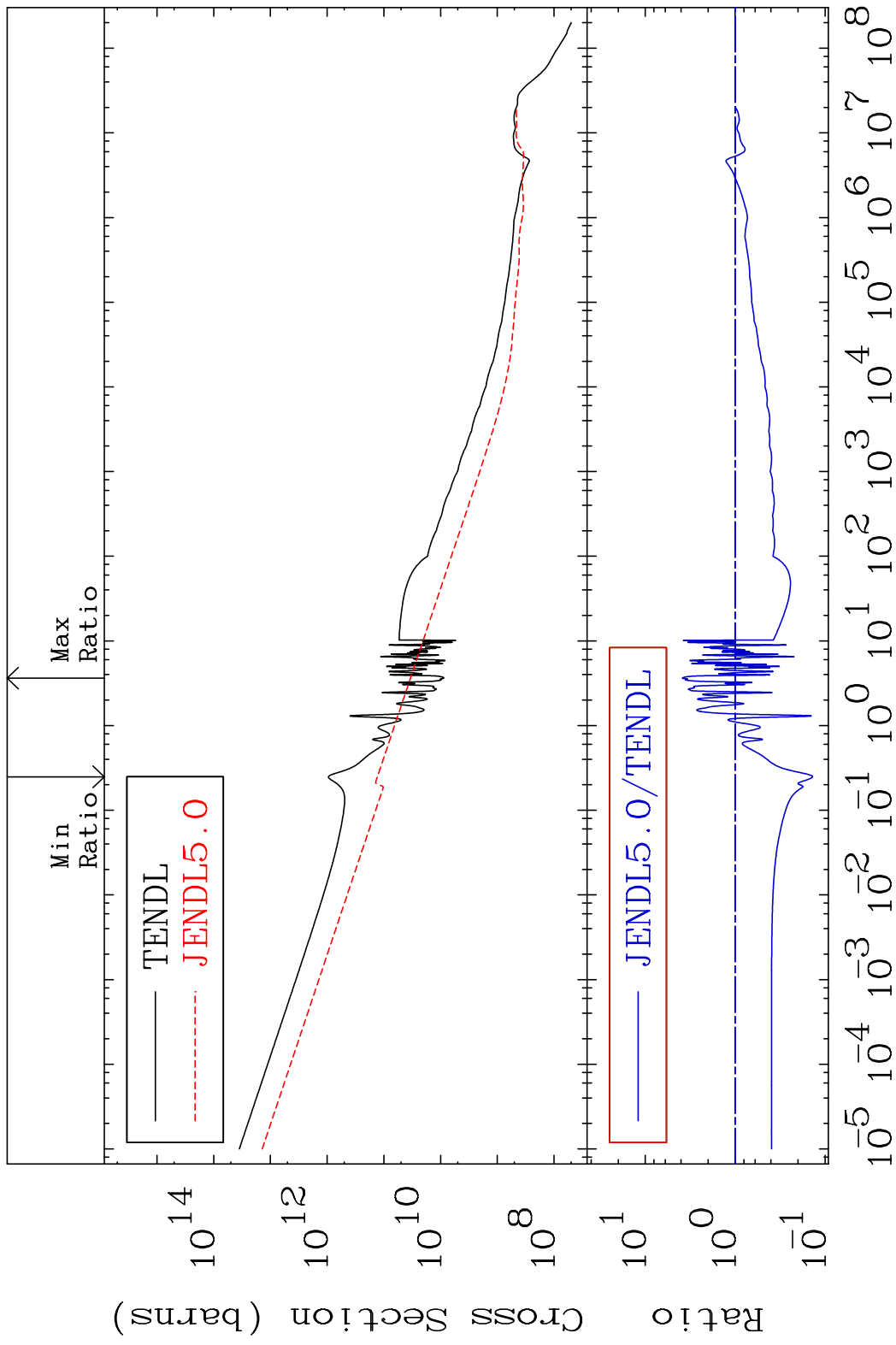


MAT 9540

(n,  $\gamma$ )  
Cross Section -83.60 To 2207. %  
95-Am-240



MAT 9540 Kerma total (eV-barns) 95-Am-240  
 Cross Section -86.23 To 286.8 %

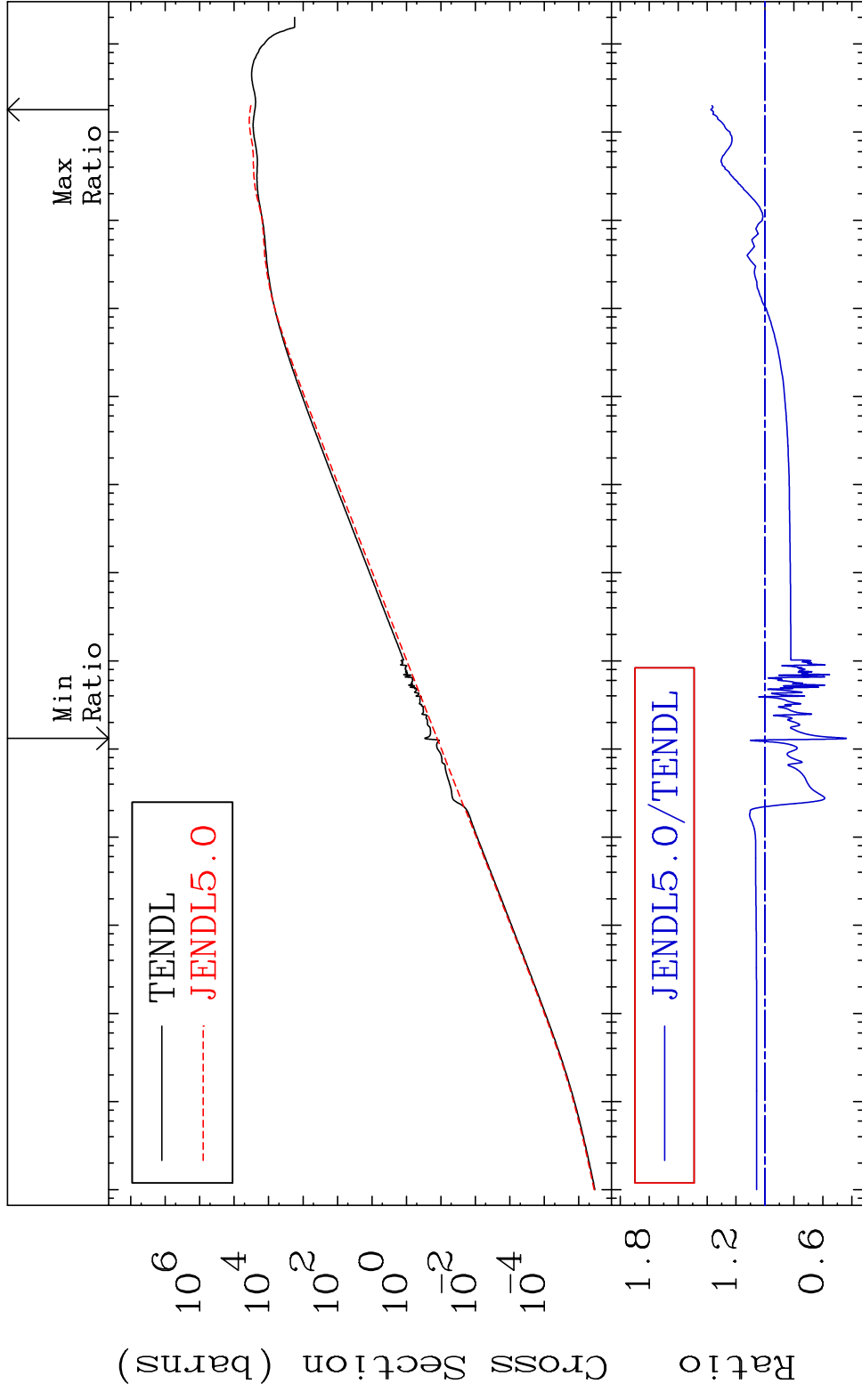


24 Incident Energy (eV) 95-Am-240

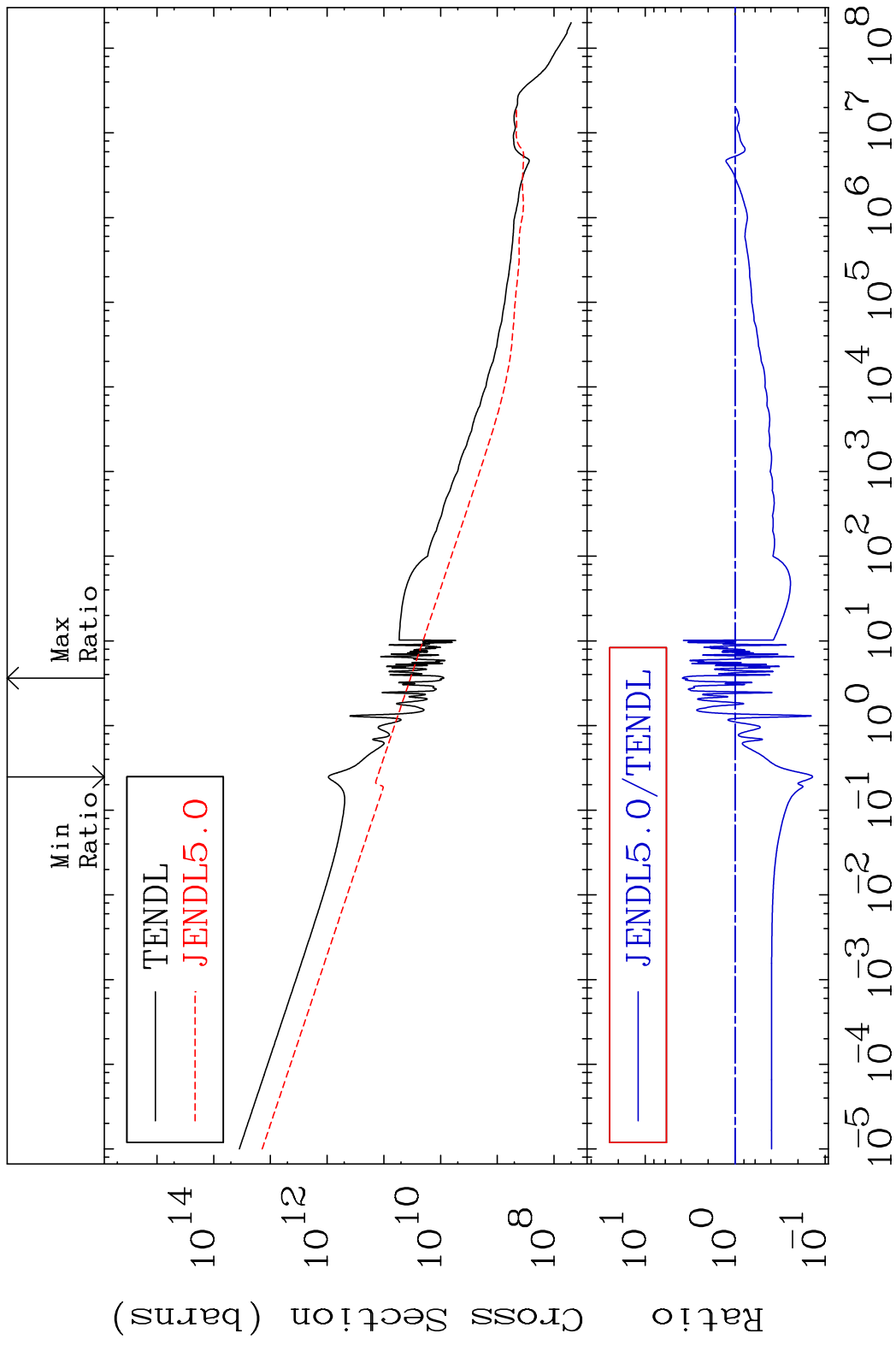
MAT 9540

Kerma elastic  
Cross Section -56.25

95-Am-240  
To 37.50 %

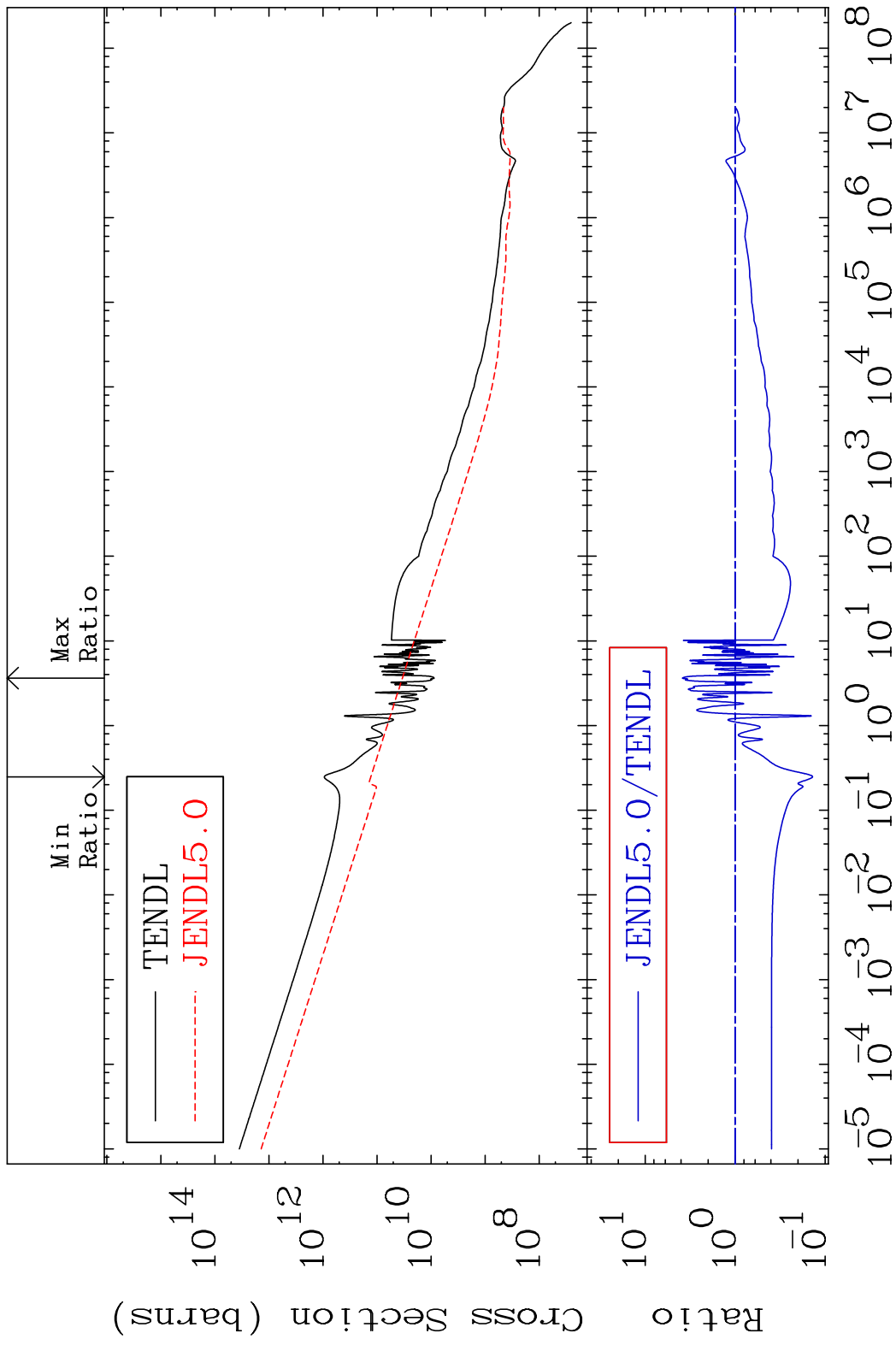


MAT 9540 Kerma non-elastic (all but mt2) 95-Am-240  
 Cross Section -86.23 To 286.8 %



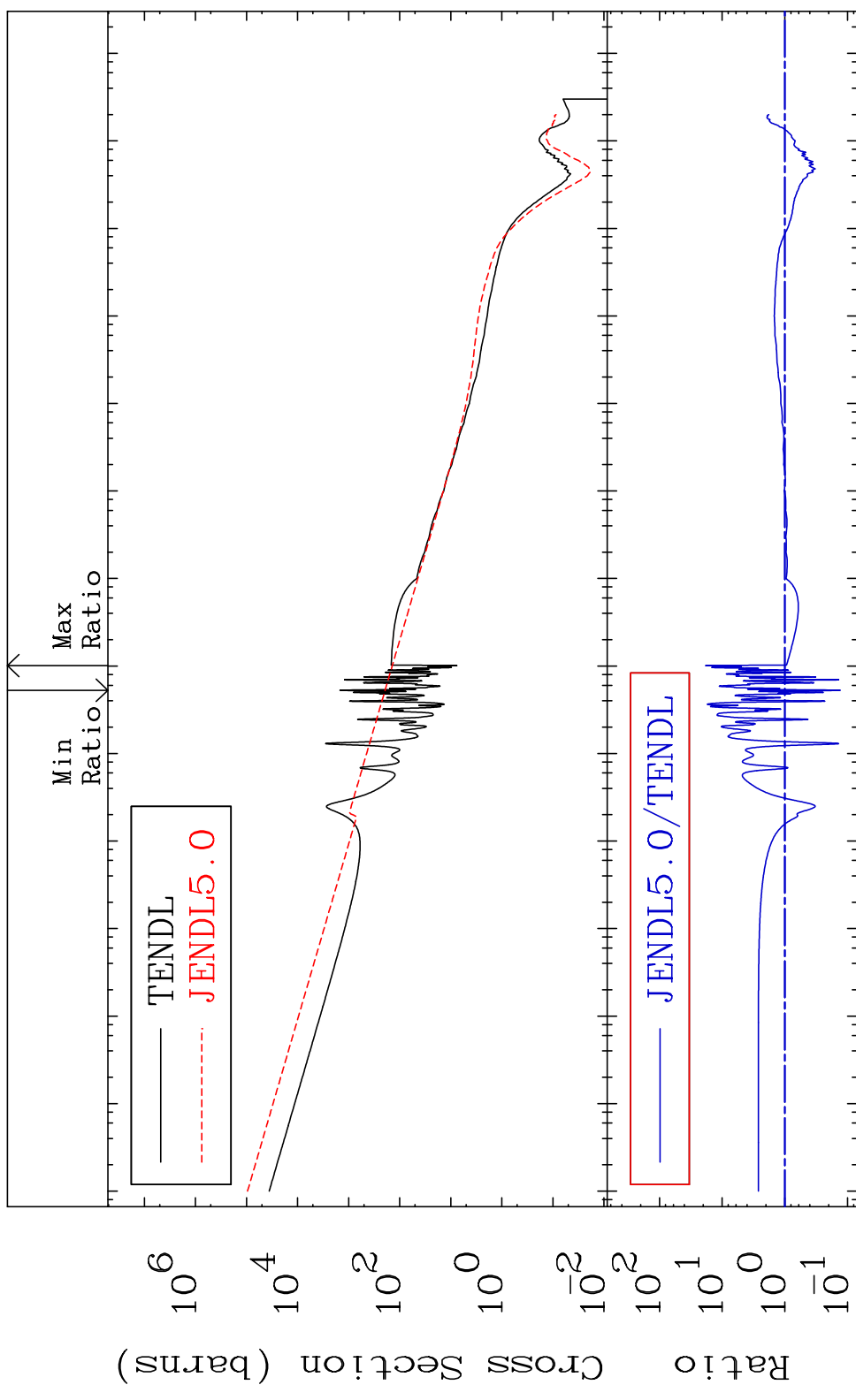


MAT 9540 Kerma fission (mt18 or mt19-20-21-38) 95-Am-240  
 Cross Section -86.23 To 286.8 %



MAT 9540

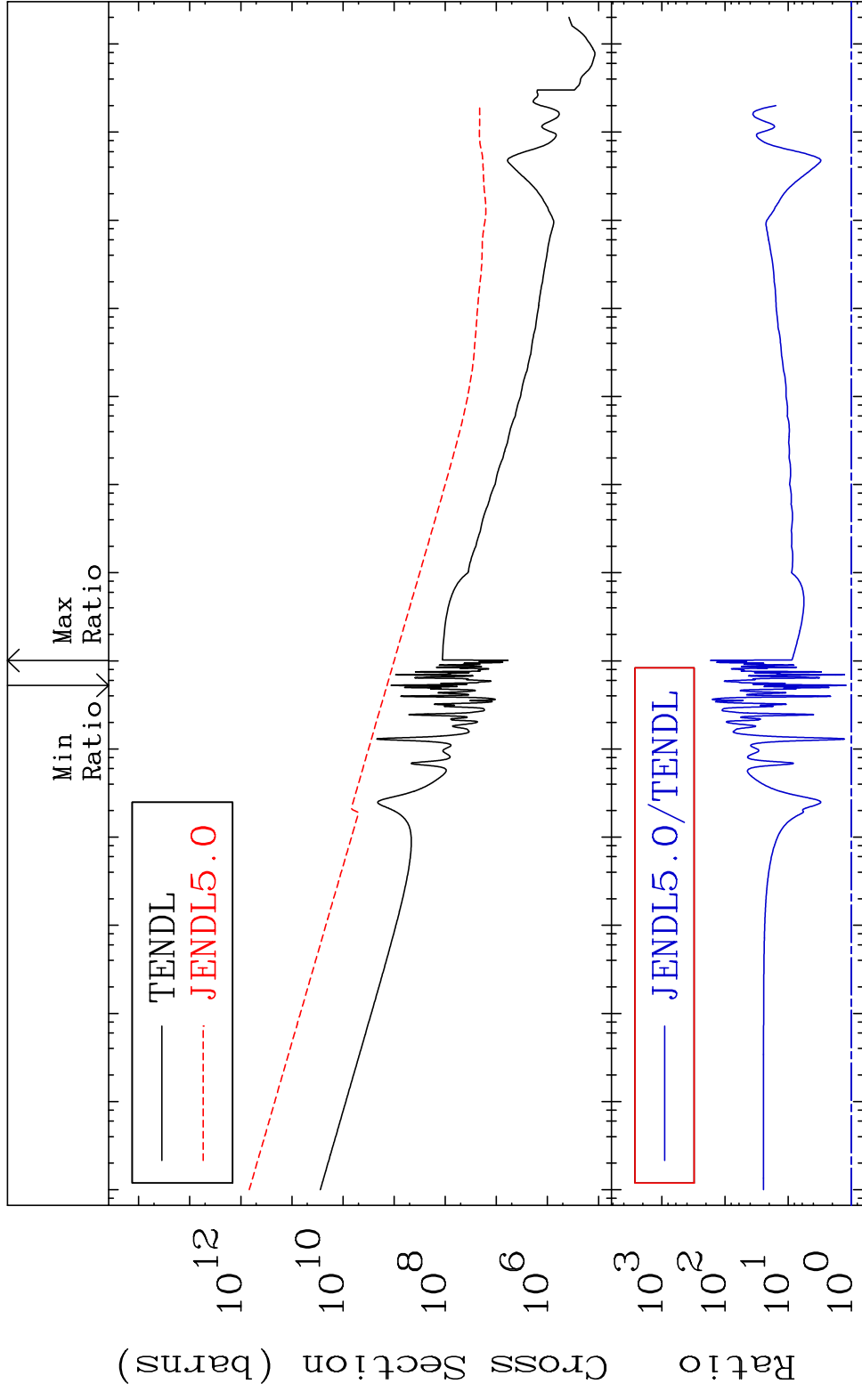
Kerma capture (mt102) 95-Am-240  
Cross Section -87.01 To 1728. %



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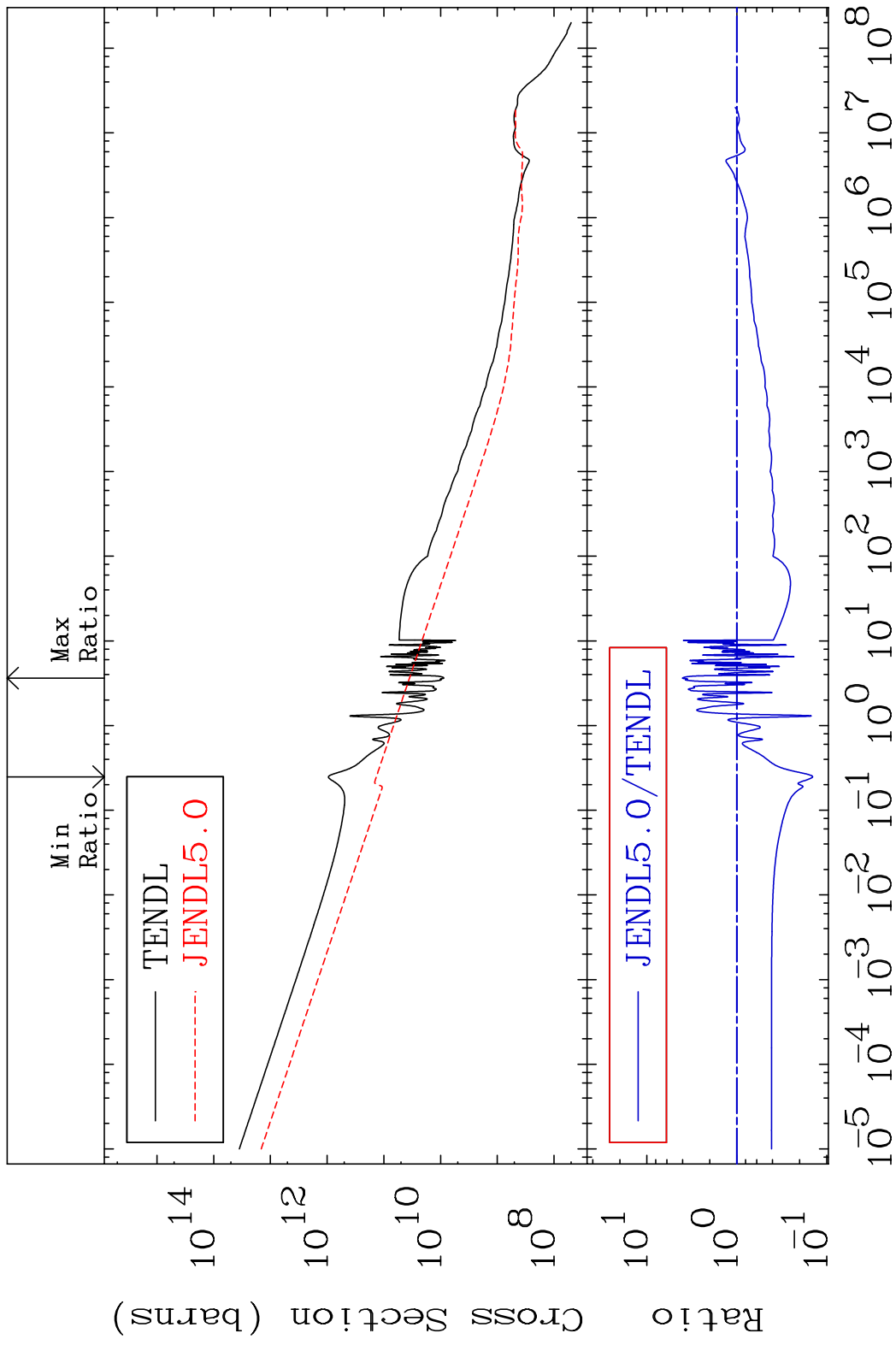
Incident Energy (eV) 95-Am-240

MAT 9540 Total photon (eV-barns) 95-Am-240  
 Cross Section 19.89 To 9999. %

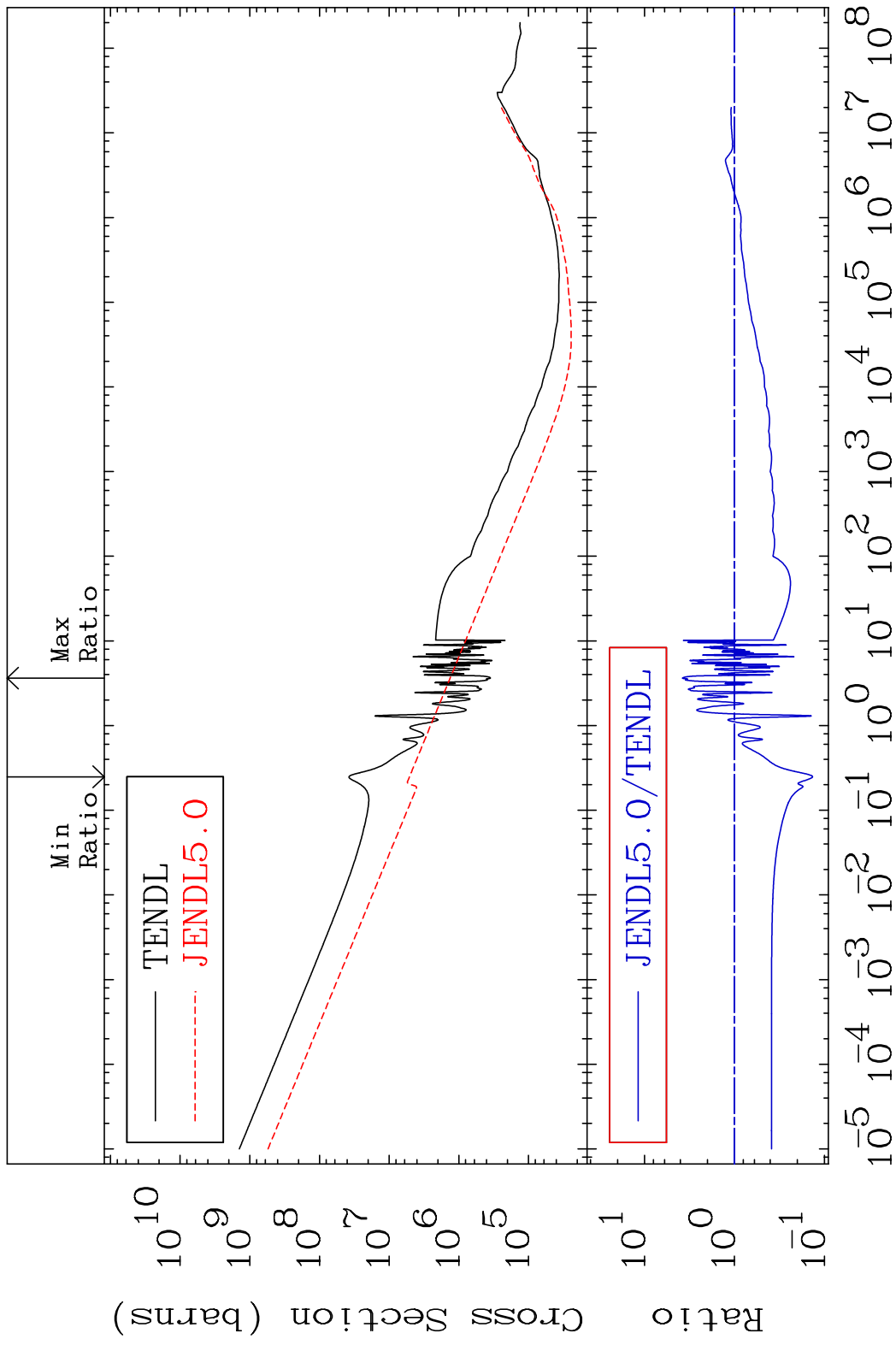


30 Incident Energy (eV) 95-Am-240

MAT 9540 Total kinematic kerma (high limit) 95-Am-240  
 Cross Section -85.65 To 303.2 %

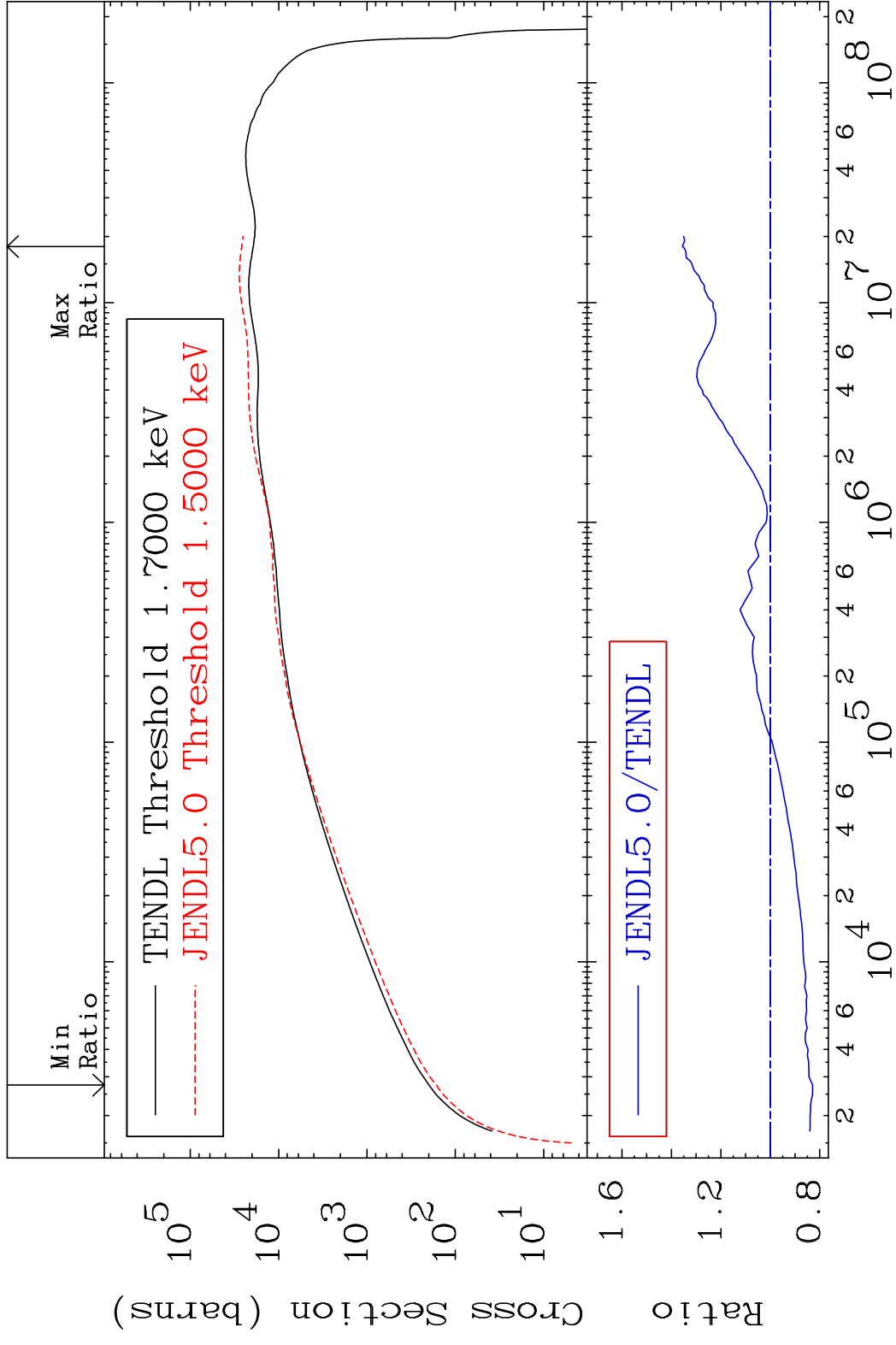


MAT 9540      Dpa total (eV-barns)      95-Am-240  
 Cross Section      -86.46 To 280.3 %

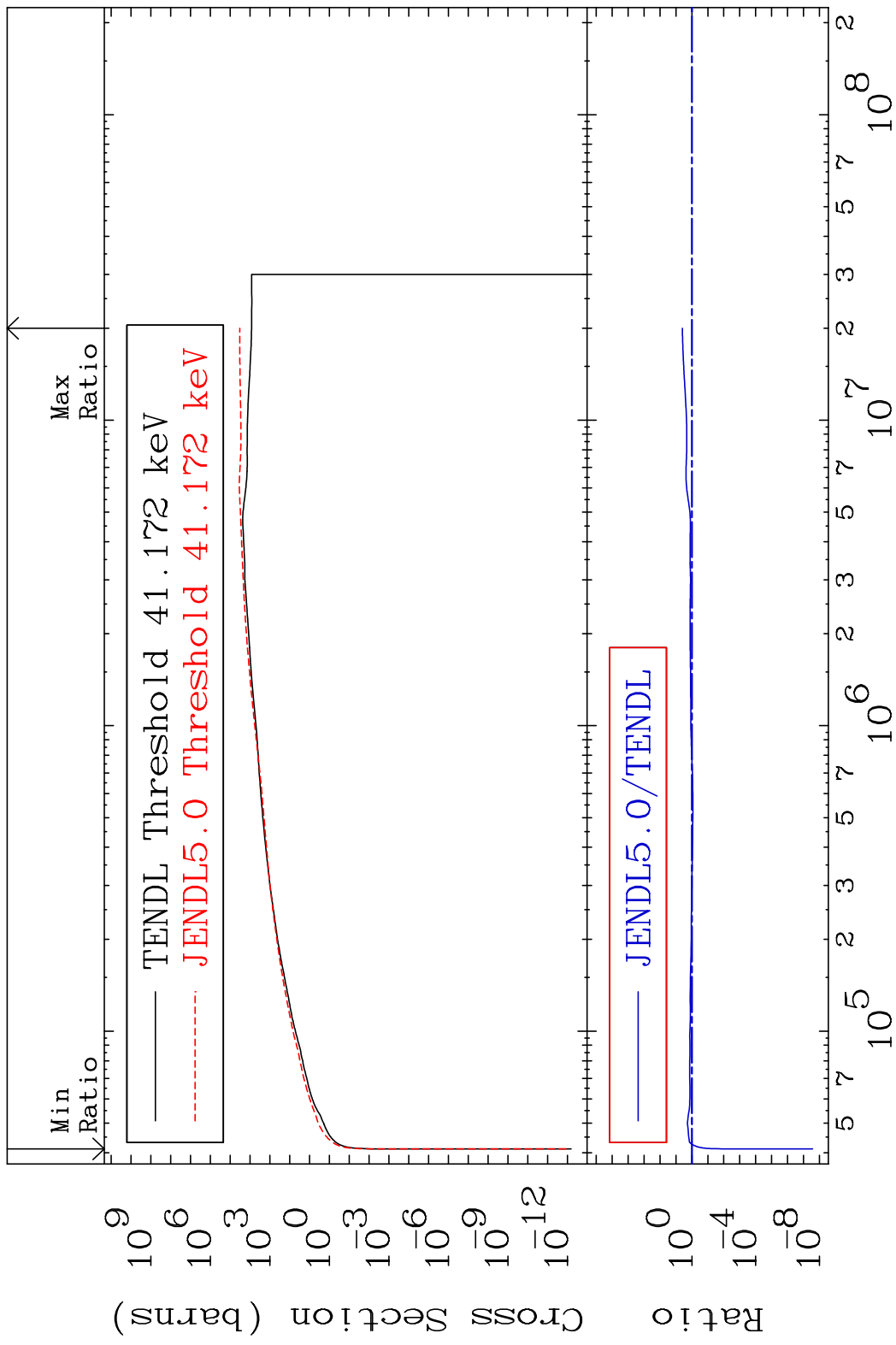


32      Incident Energy (eV)      95-Am-240

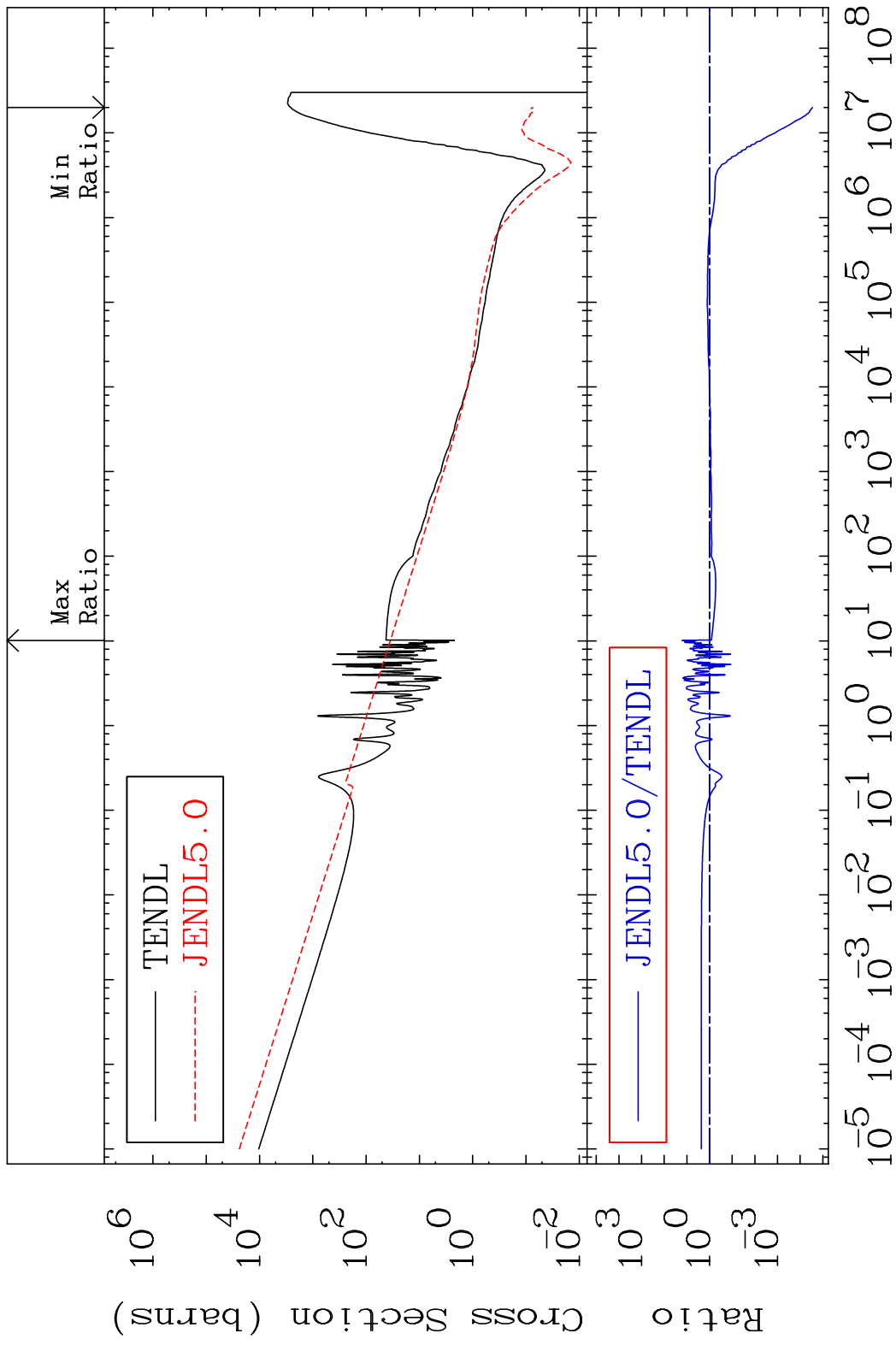
MAT 9540      Dpa elastic (mt2)      95-Am-240  
 Cross Section      -17.10 To 35.57 %



MAT 9540 Dpa inelastic (mt51-91) 95-Am-240  
 Cross Section -100.0 To 295.2 %

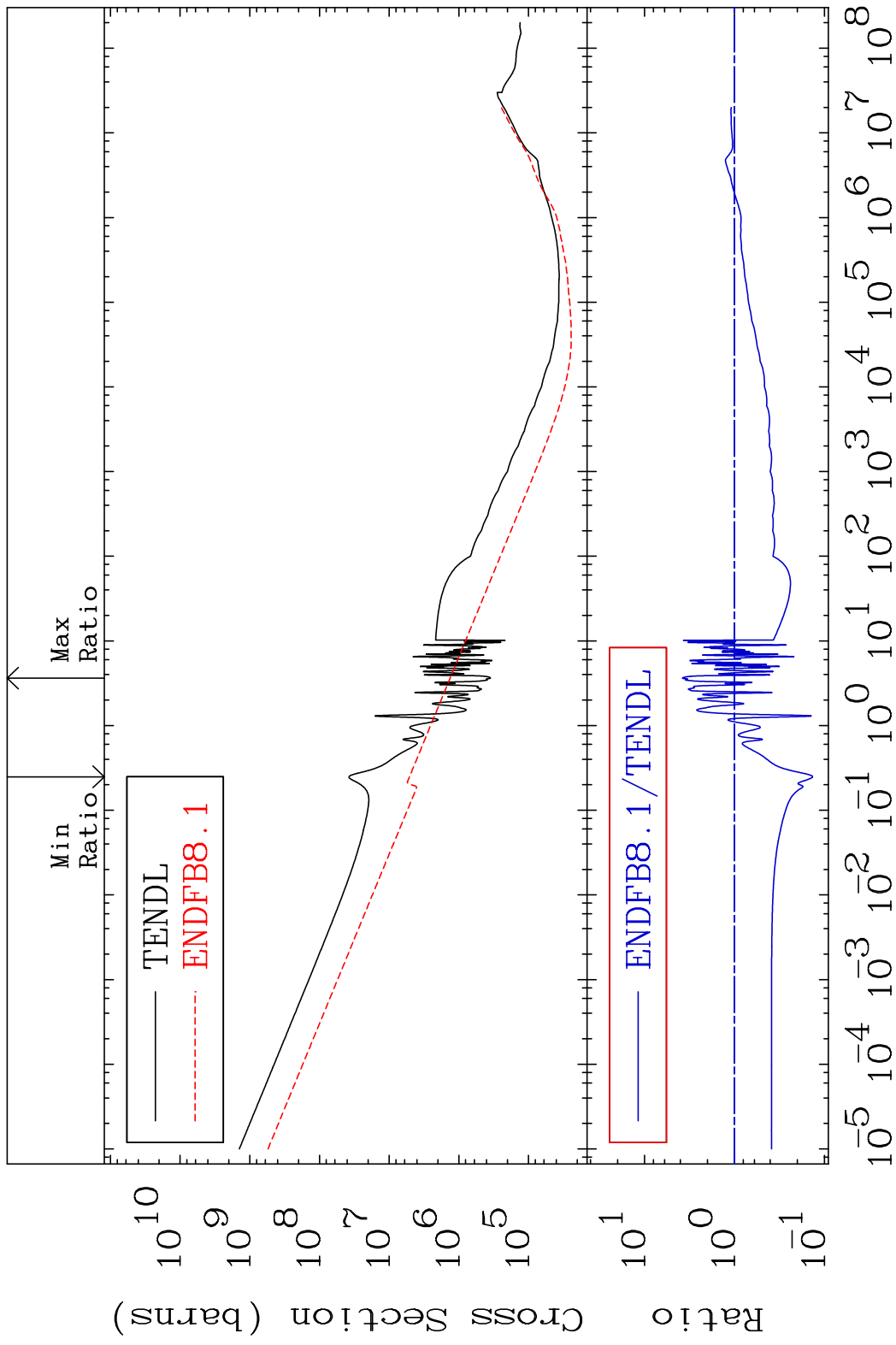


MAT 9540 Dpa disappearance (mt102 -120) 95-Am-240  
 Cross Section -100.0 To 1480. %



35 Incident Energy (eV) 95-Am-240

MAT 9540      Dpa total (eV-barns)      95-Am-240  
 Cross Section      -86.46 To 280.3 %

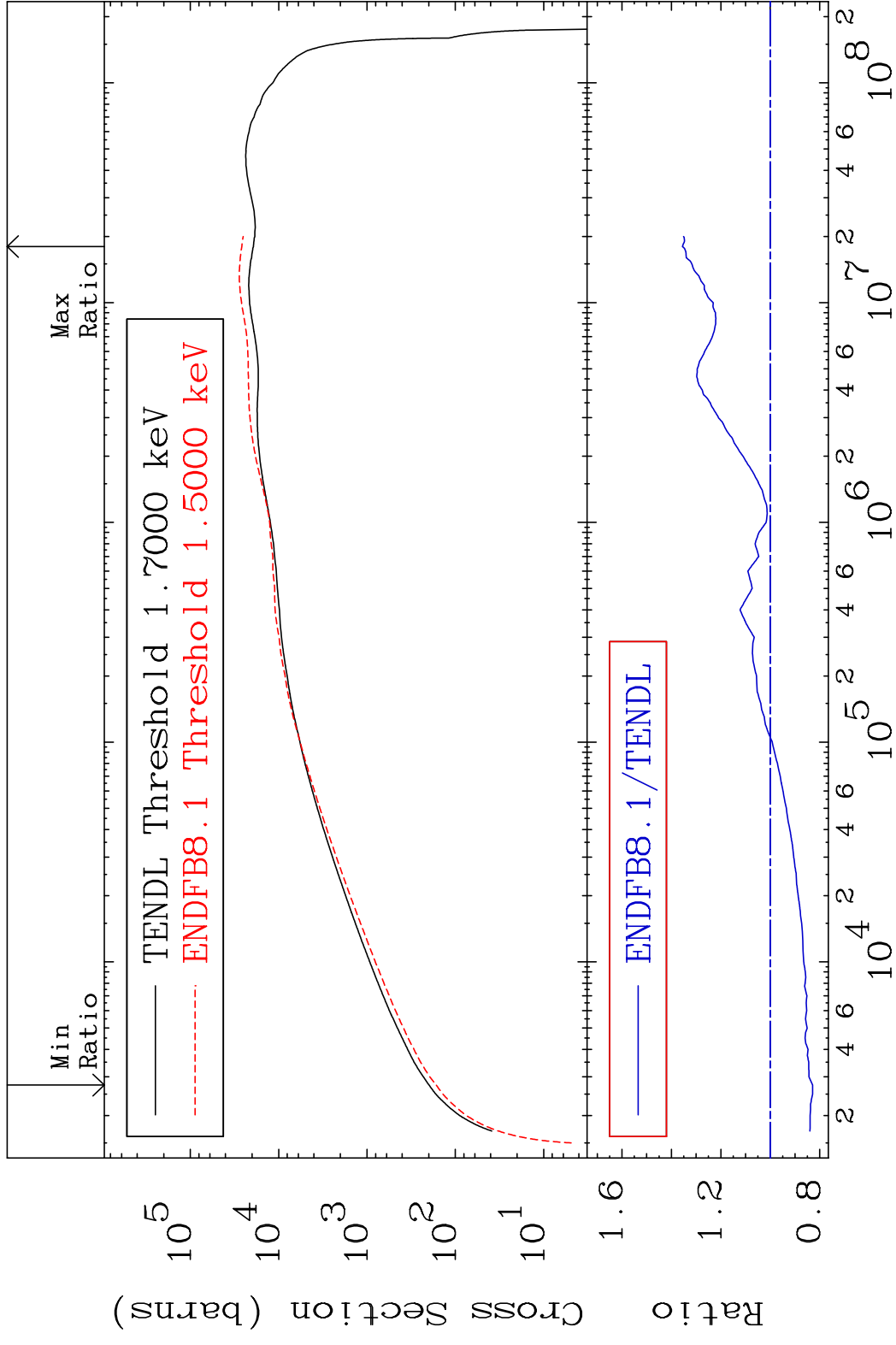


MAT 9540

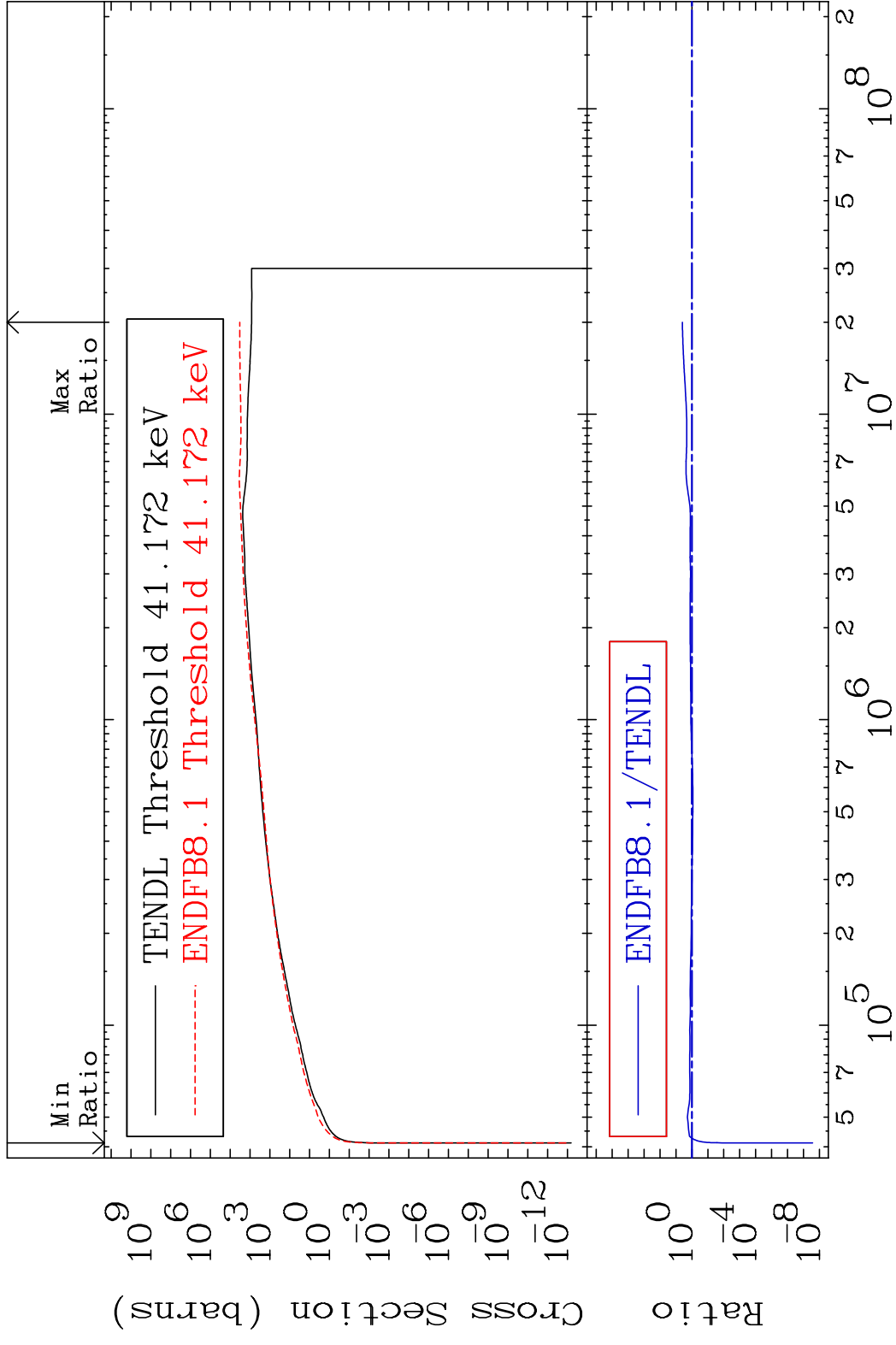
Dpa elastic (mt2)

95-Am-240

Cross Section -17.10 To 35.57 %



MAT 9540 Dpa inelastic (mt51-91) 95-Am-240  
 Cross Section -100.0 To 295.2 %



MAT 9540 Dpa disappearance (mt102 -120) 95-Am-240  
 Cross Section -100.0 To 1480. %

