

Program Complot  
(Version 2018-1)

by

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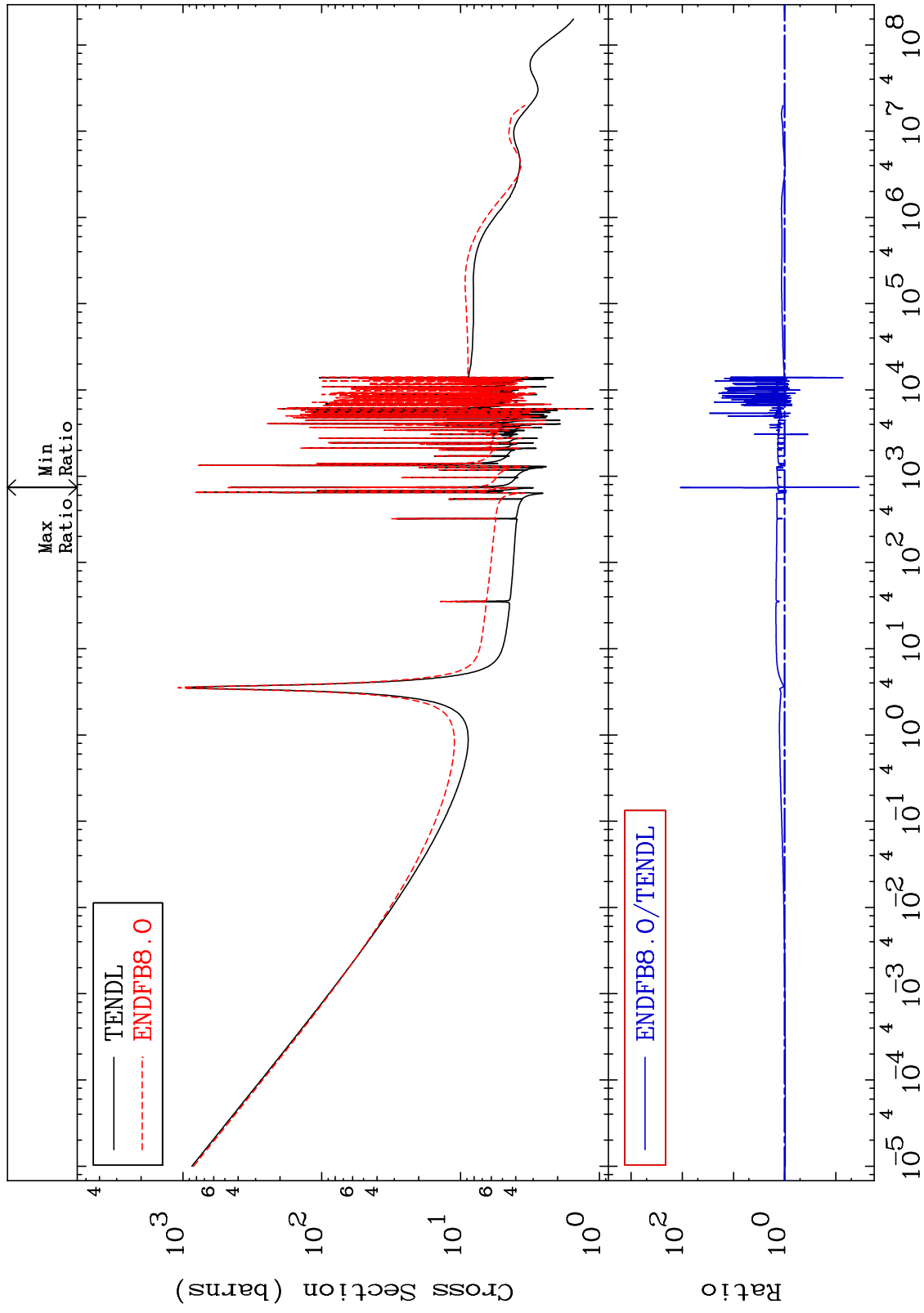
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 3834

Total  
Cross Section

38-Sr-87  
-96.47 To 9999. %



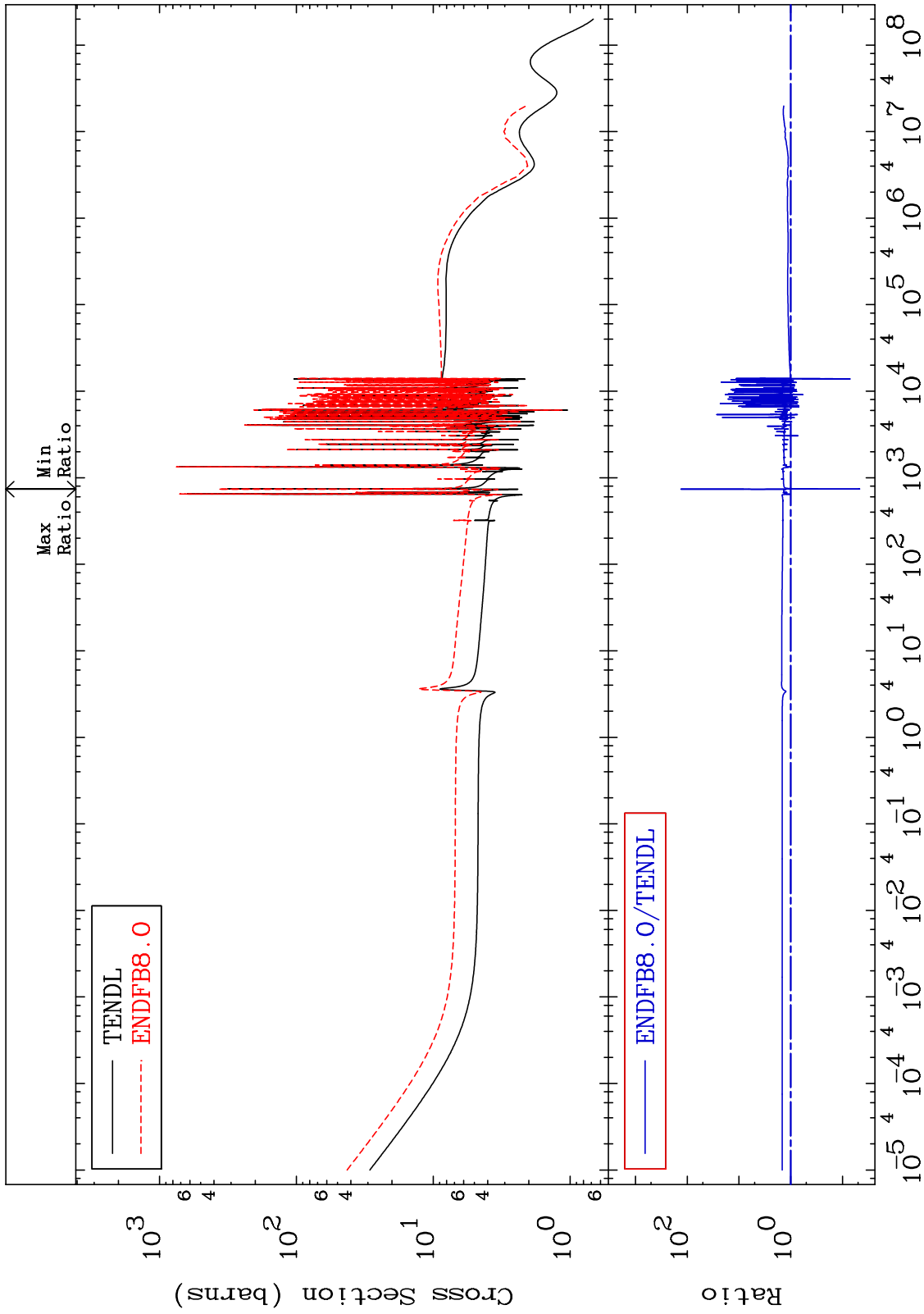
MAT 3834

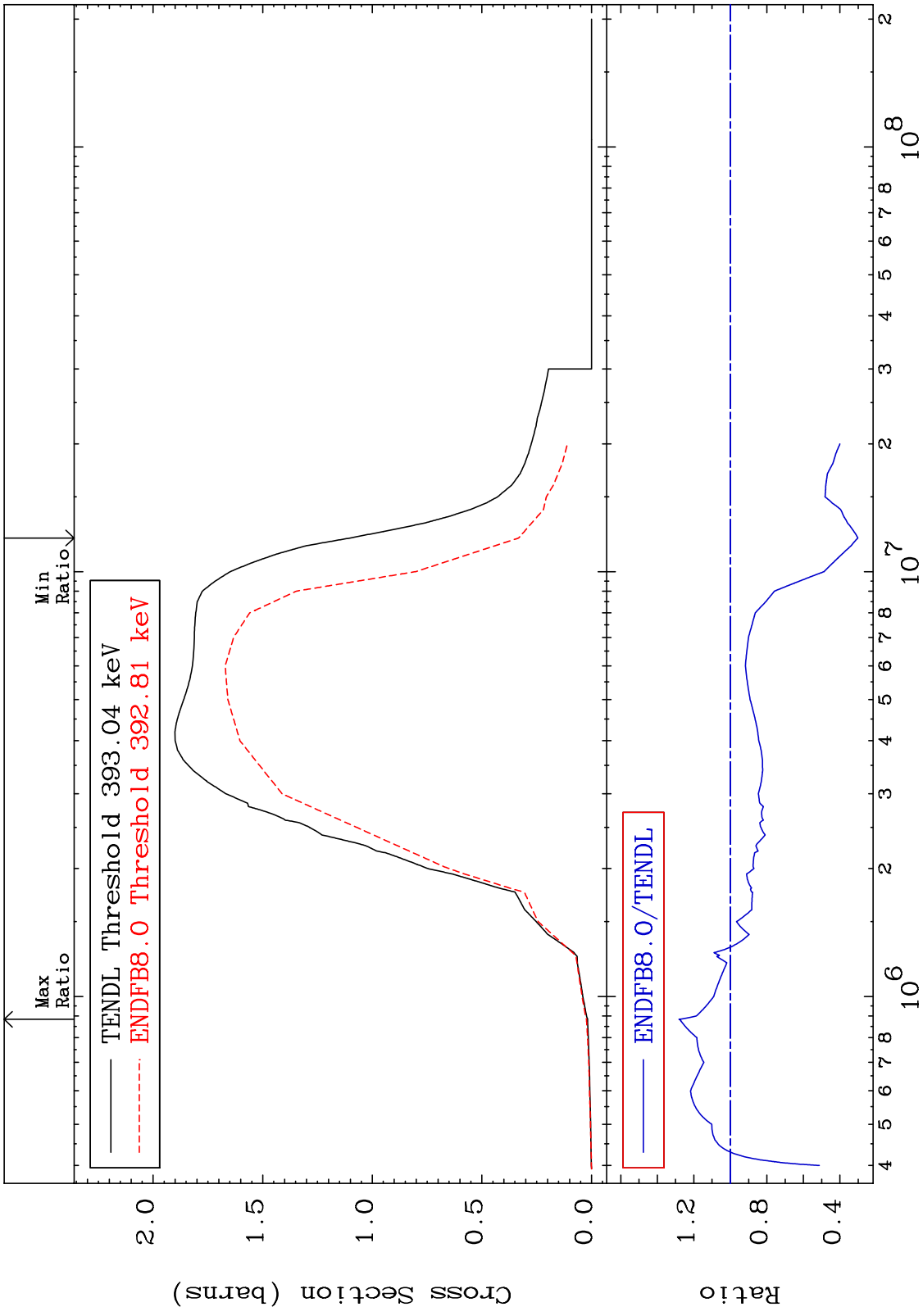
Elastic

38-Sr-87

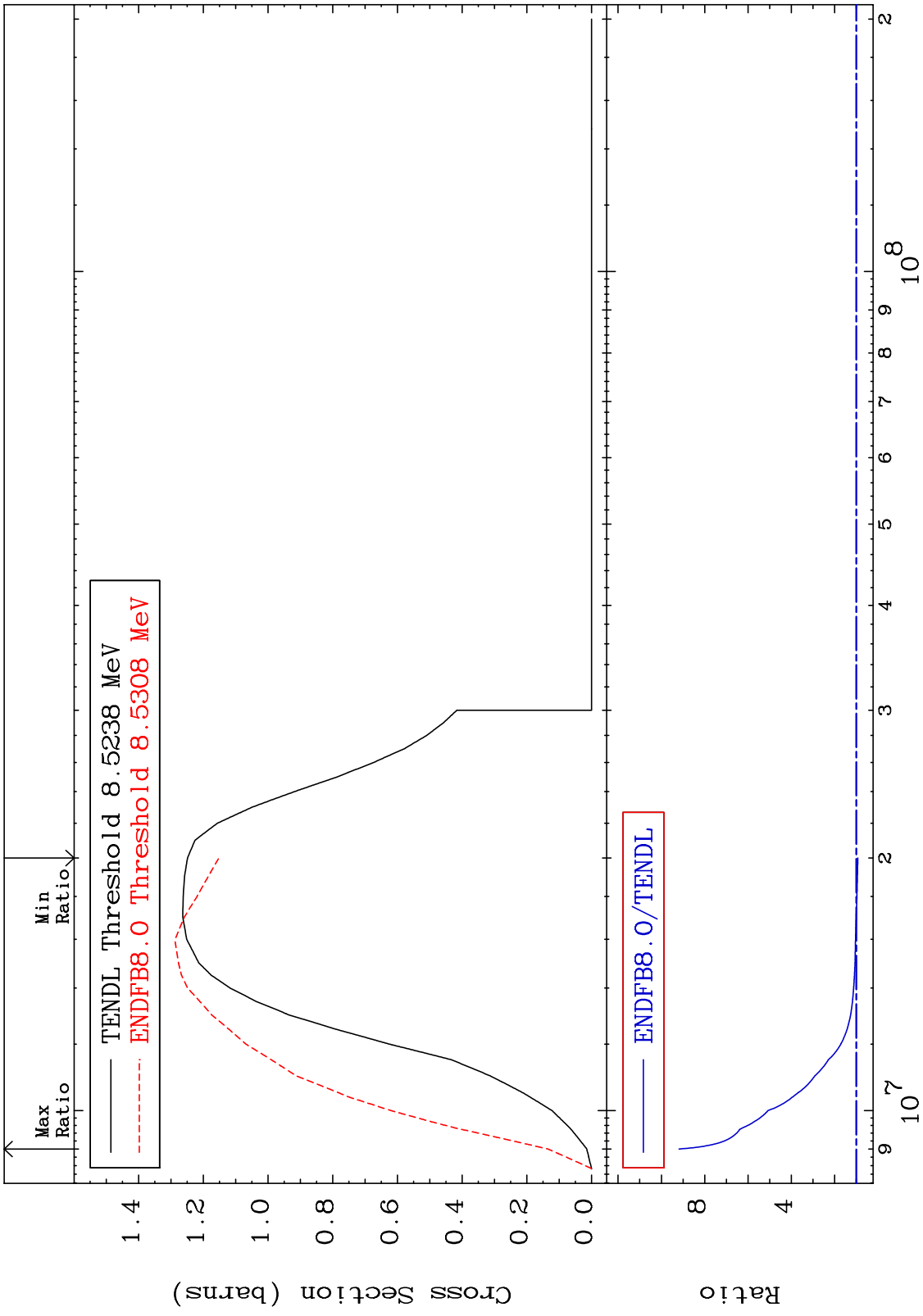
Cross Section

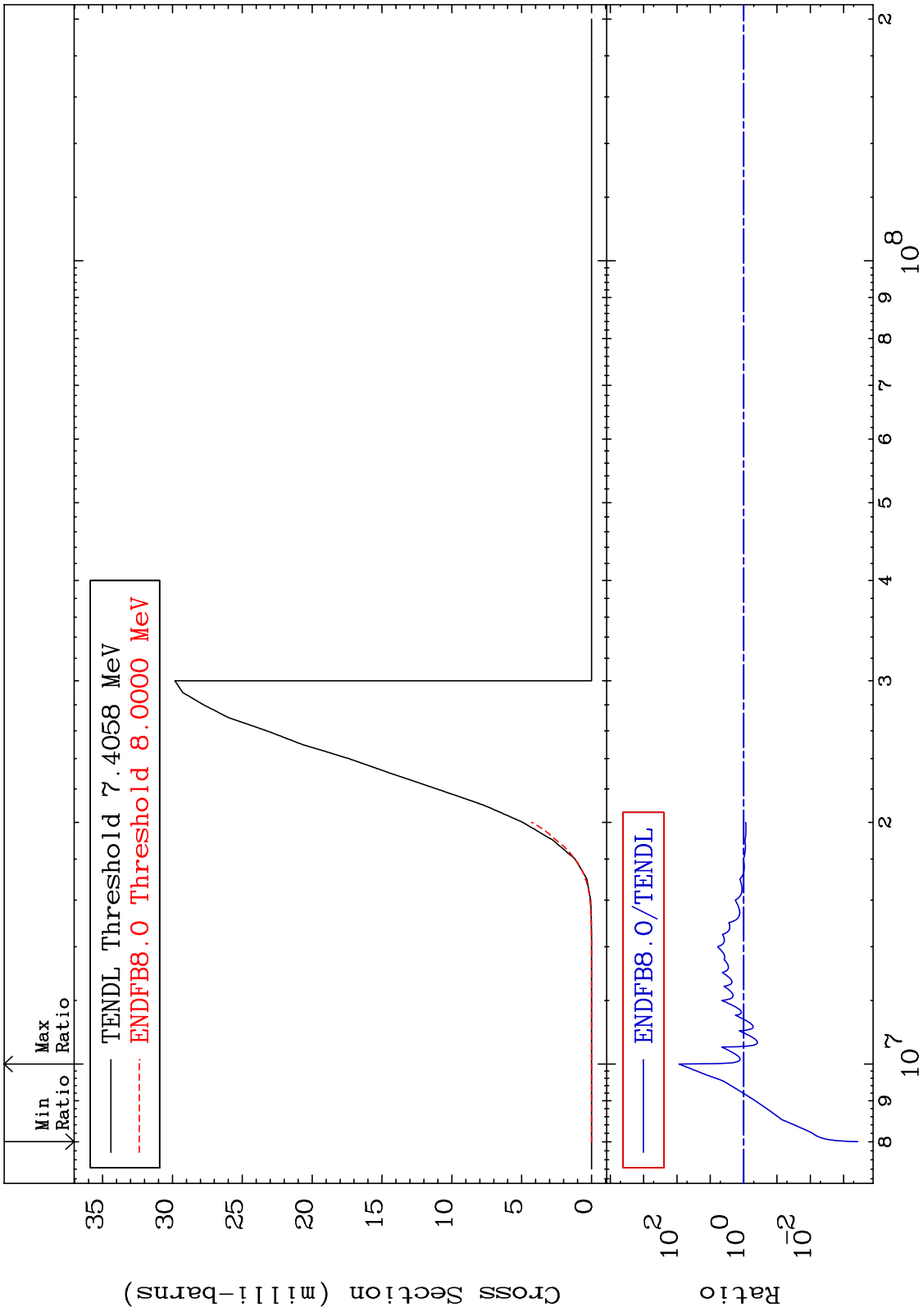
-95.33 To 9999. %



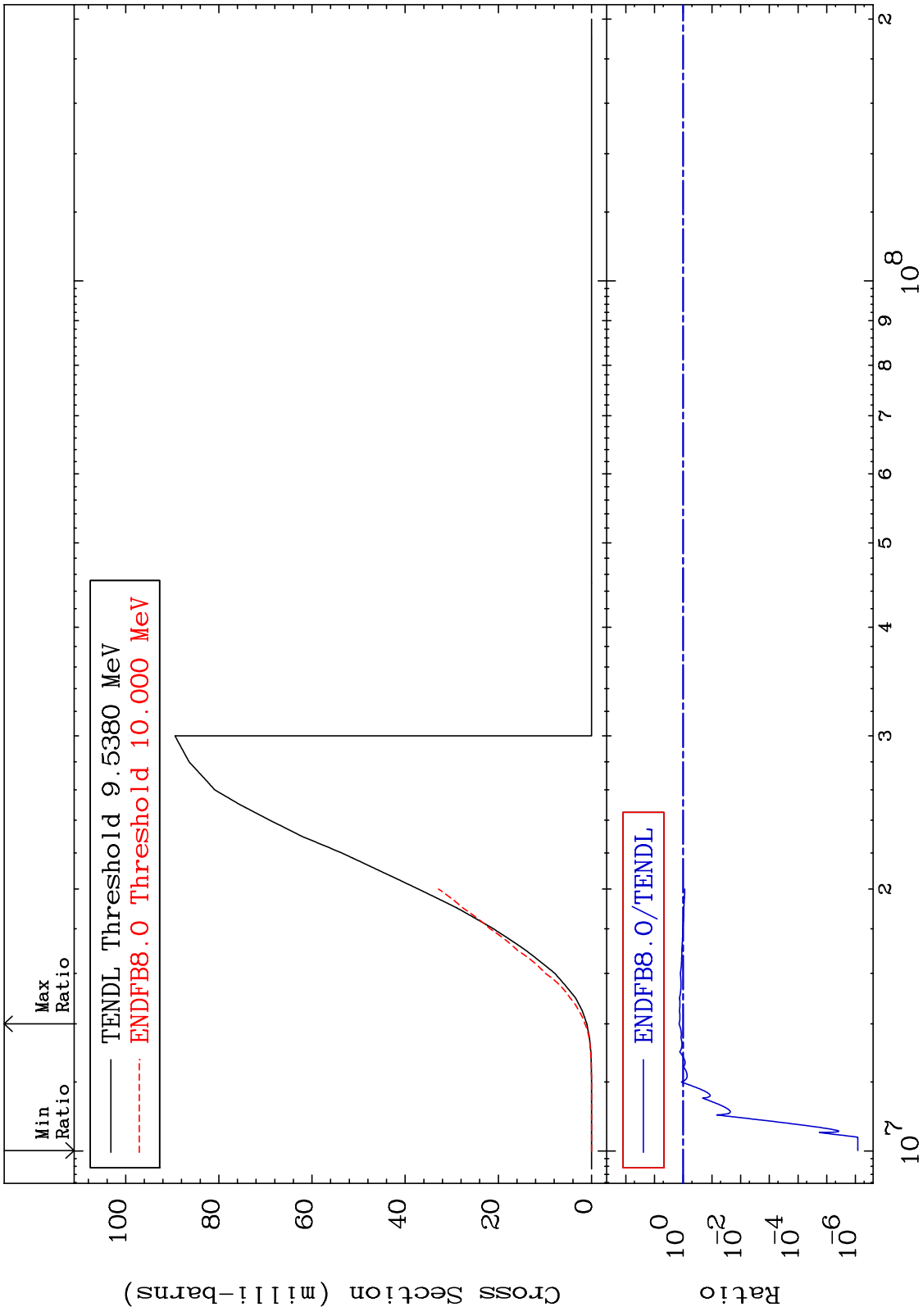


MAT 3834 (n,2n) 38-Sr-87  
 Cross Section -7.751 To 818.4 %

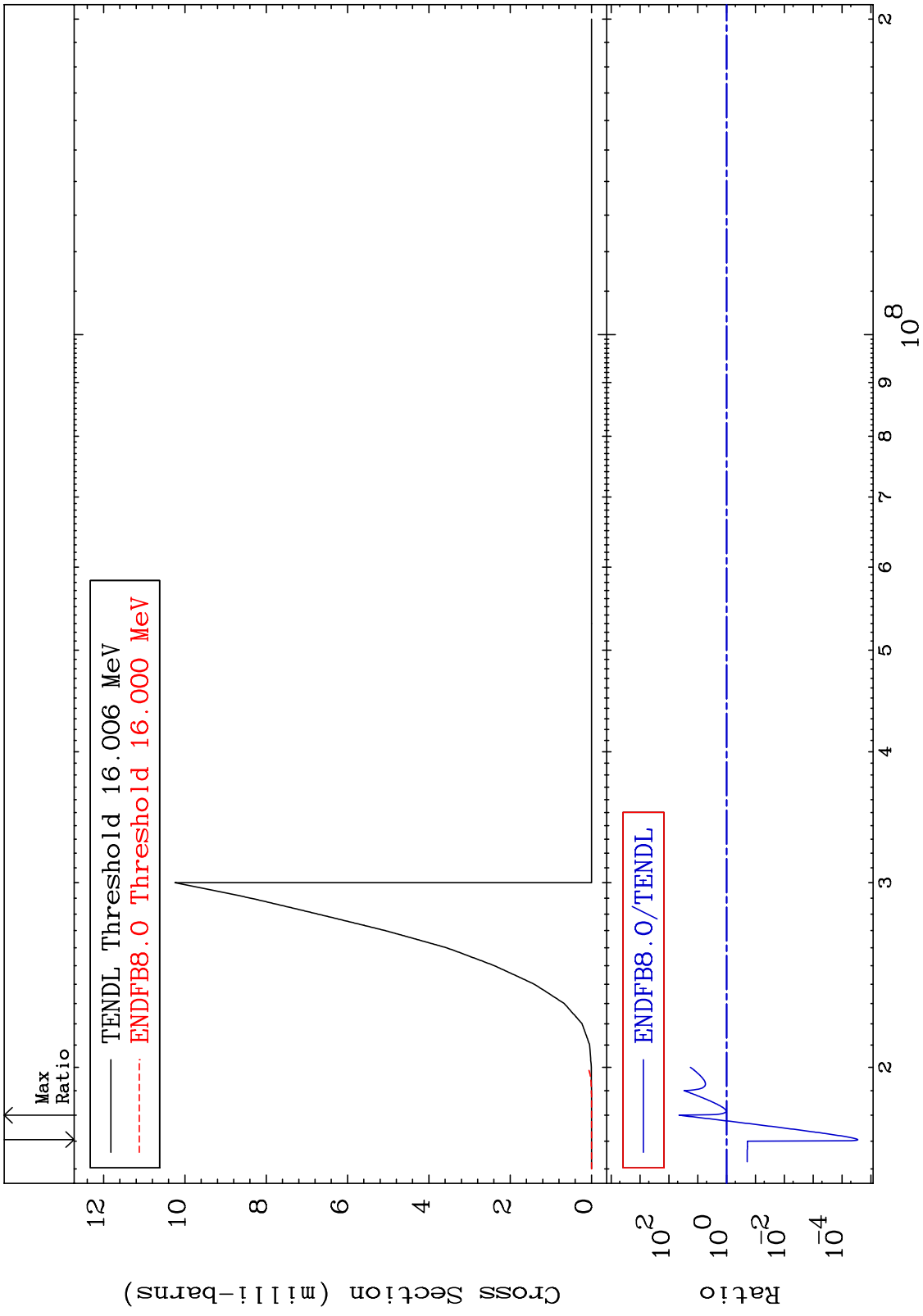




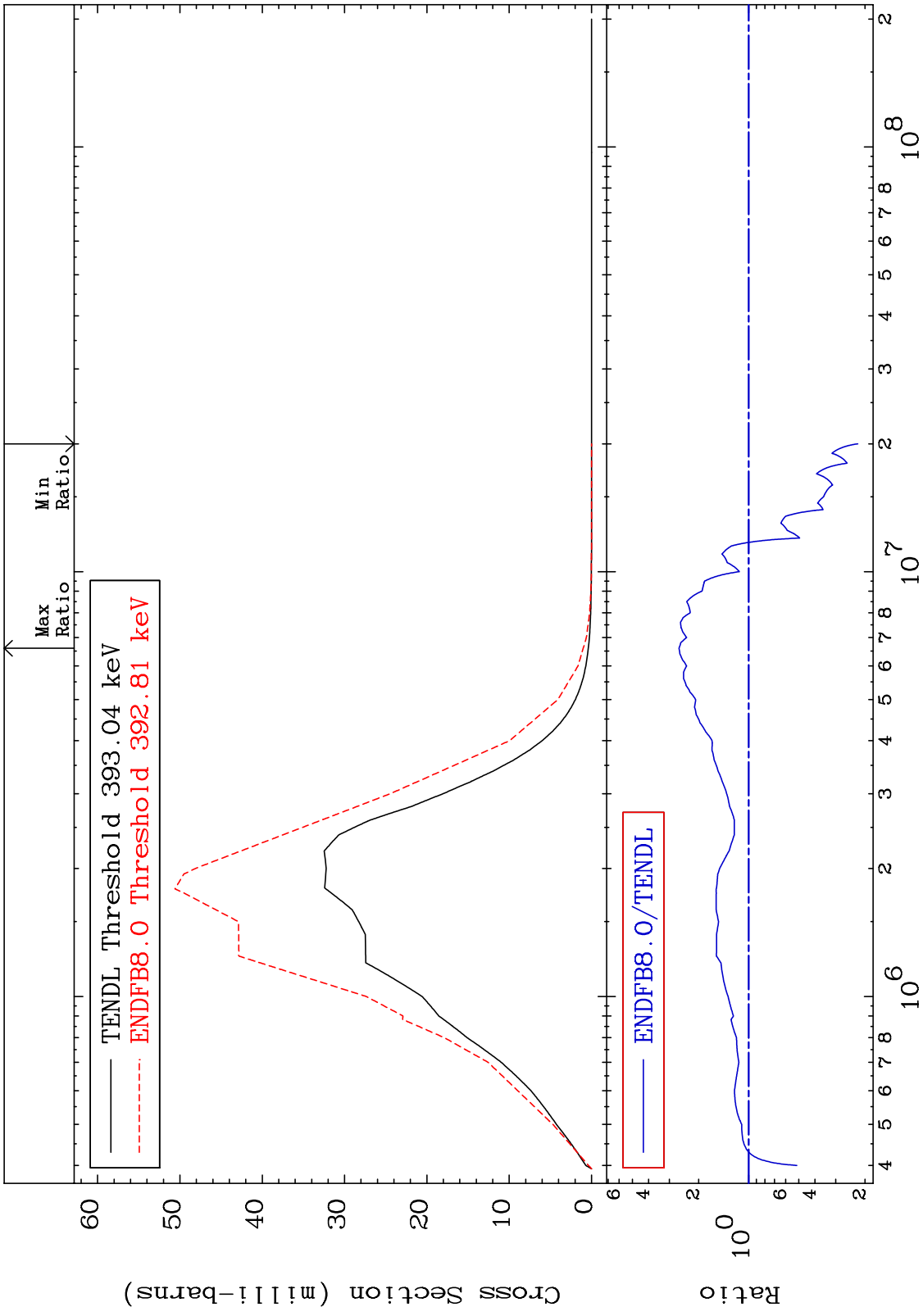
MAT 3834 (n,n') p 38-Sr-87  
 Cross Section -100.0 To 39.63 %



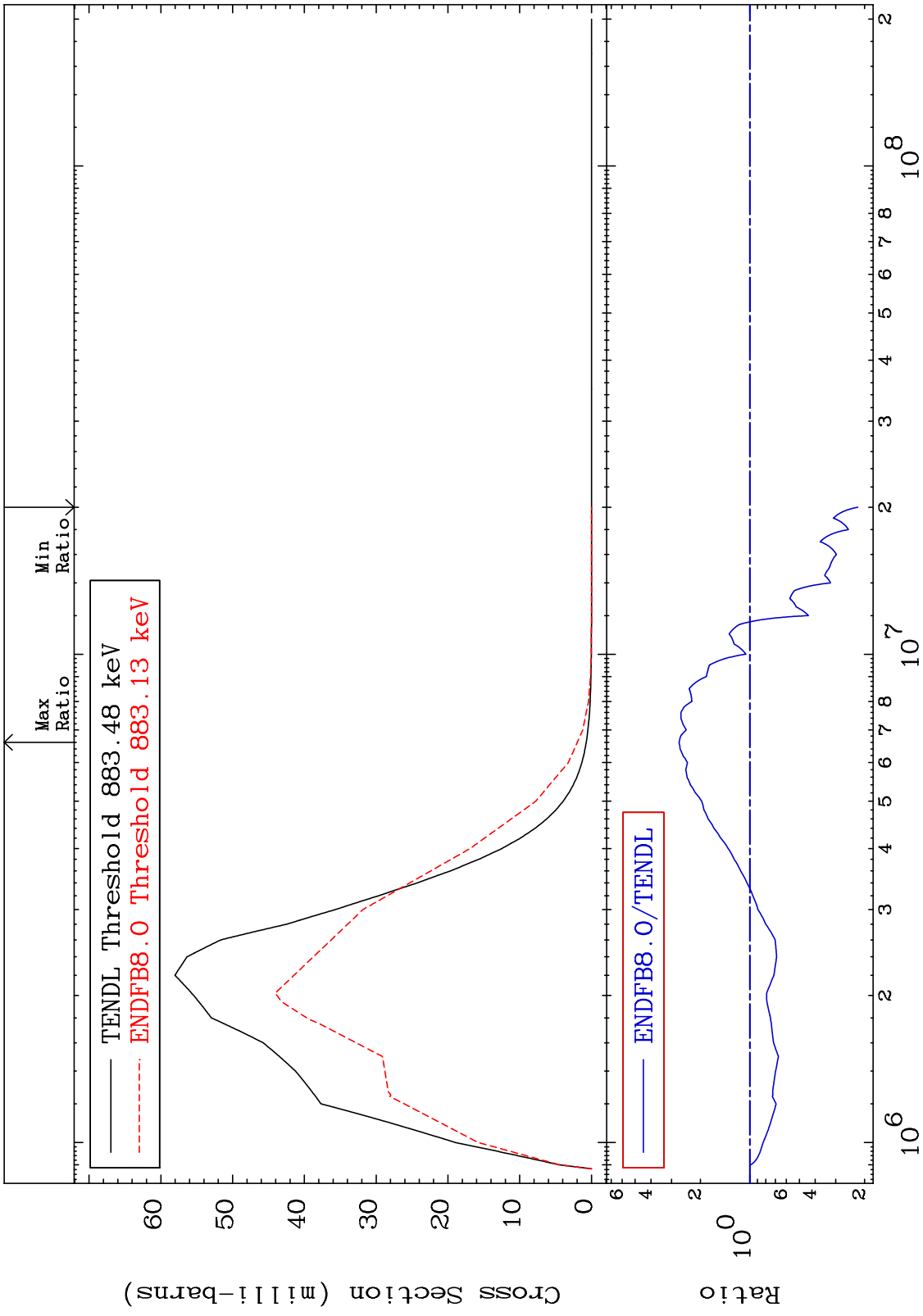
Incident Energy (eV) 38-Sr-87



MAT 3834 MT= 51 (n,n') Level Cross Section -77.91 To 162.1 % 38-Sr-87



MAT 3834 MT= 52 (n,n') Level Cross Section -77.99 To 170.1 % 38-Sr-87

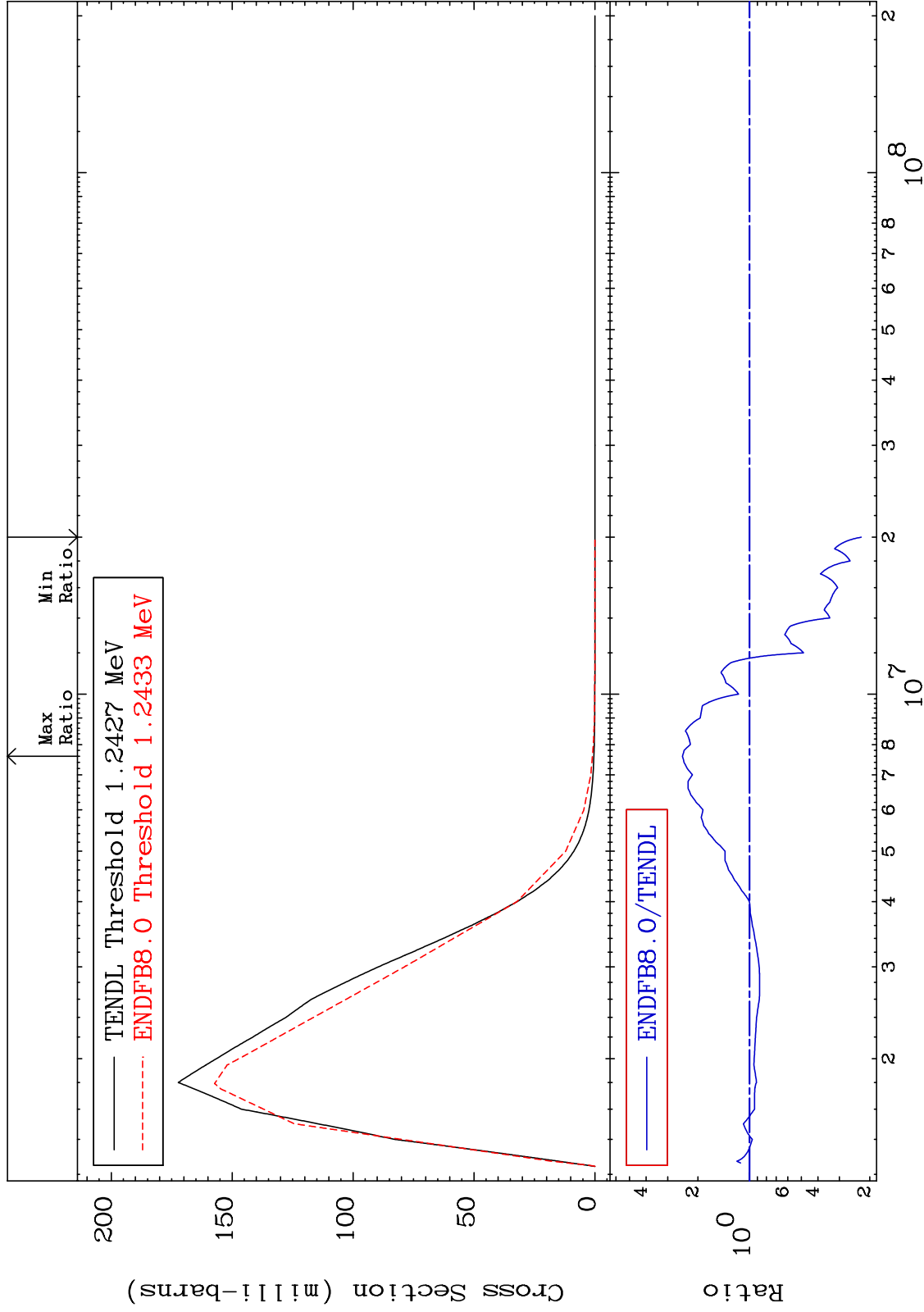


38-Sr-87

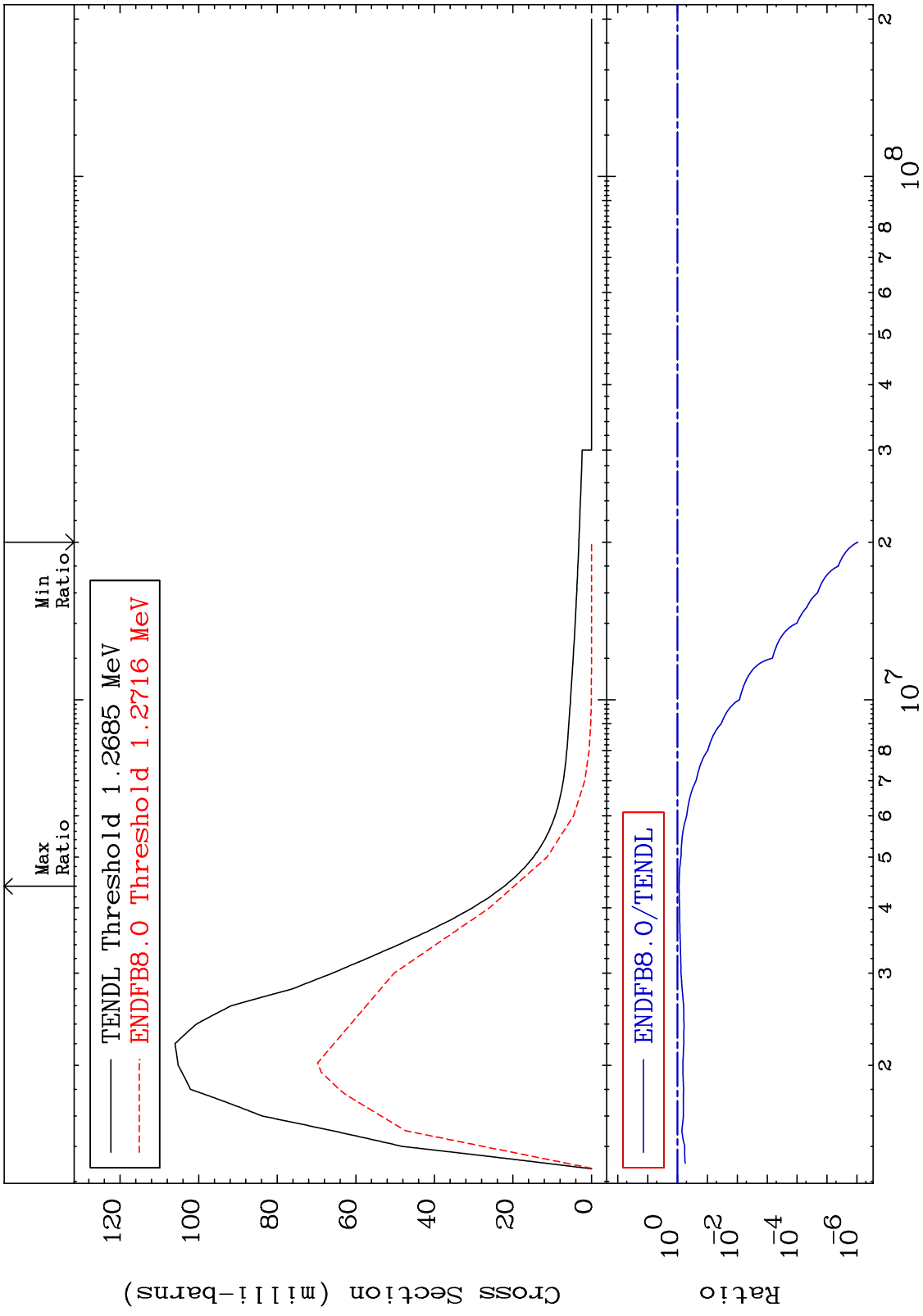
MAT 3834

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

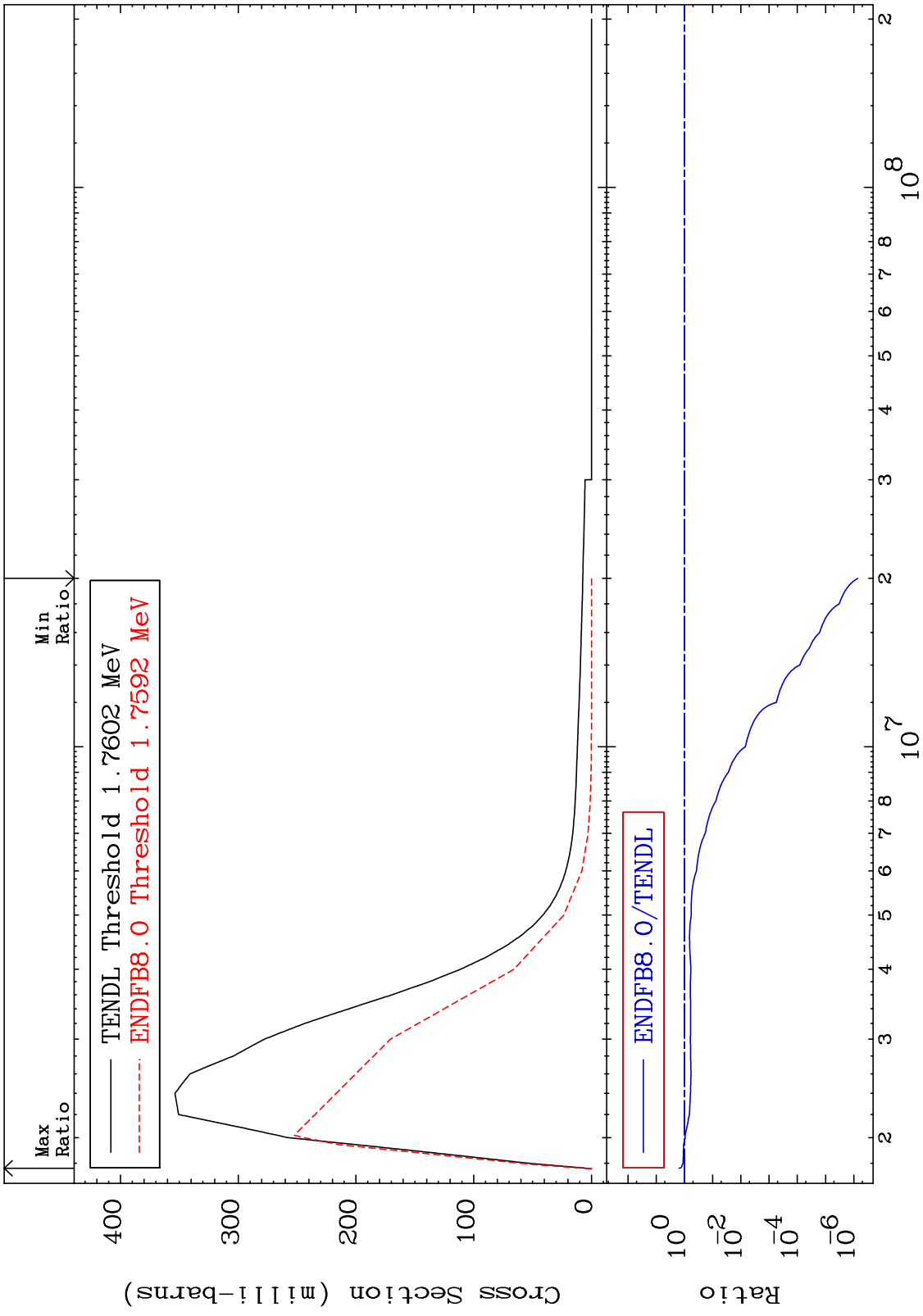
38-Sr-87  
-77.61 To 146.0 %



MAT 3834 MT= 54 (n,n') Level Cross Section 38-Sr-87  
 -100.0 To -11.11%



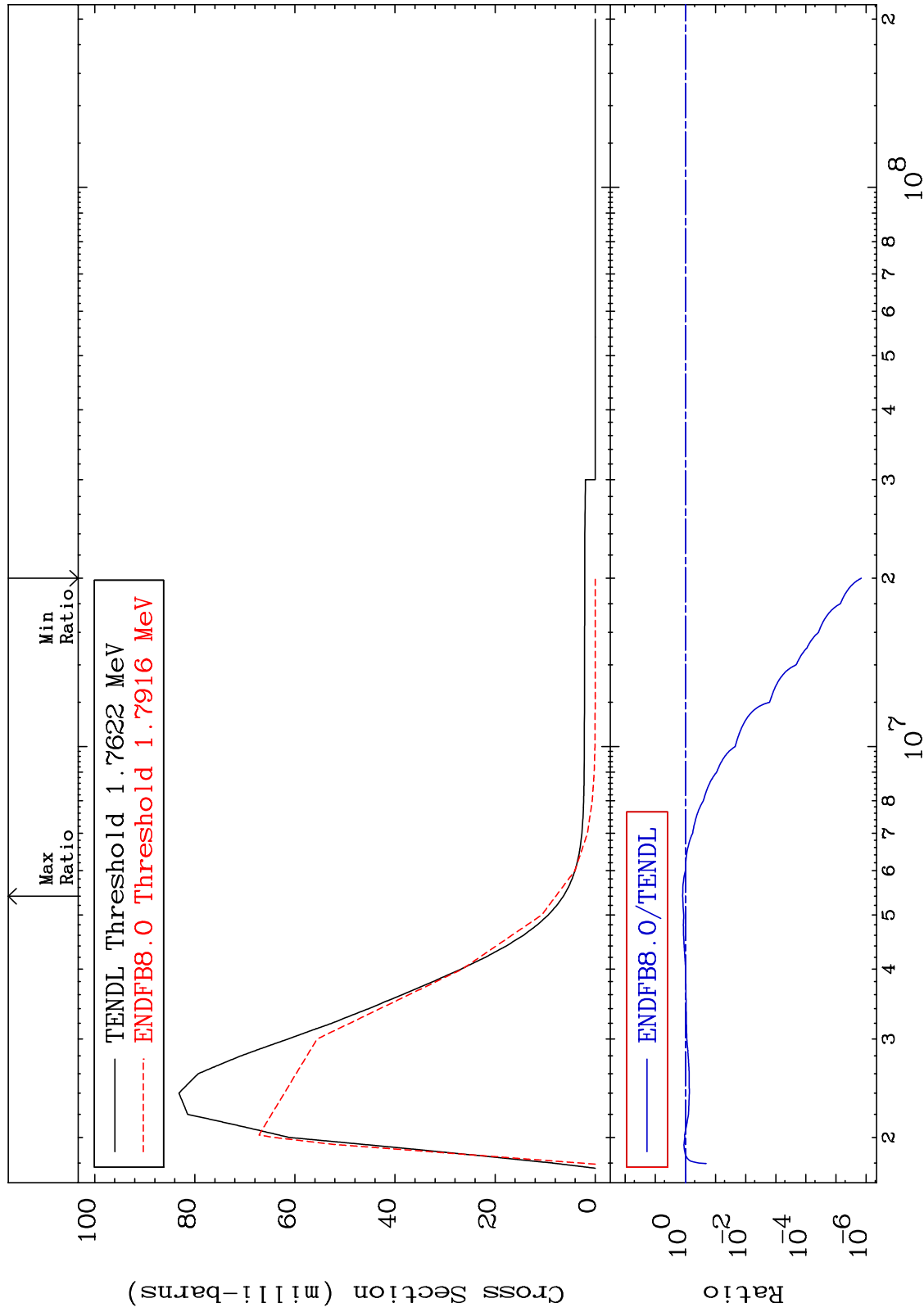
MAT 3834 MT= 55 (n,n') Level Cross Section 38-Sr-87  
 -100.0 To 55.44 %



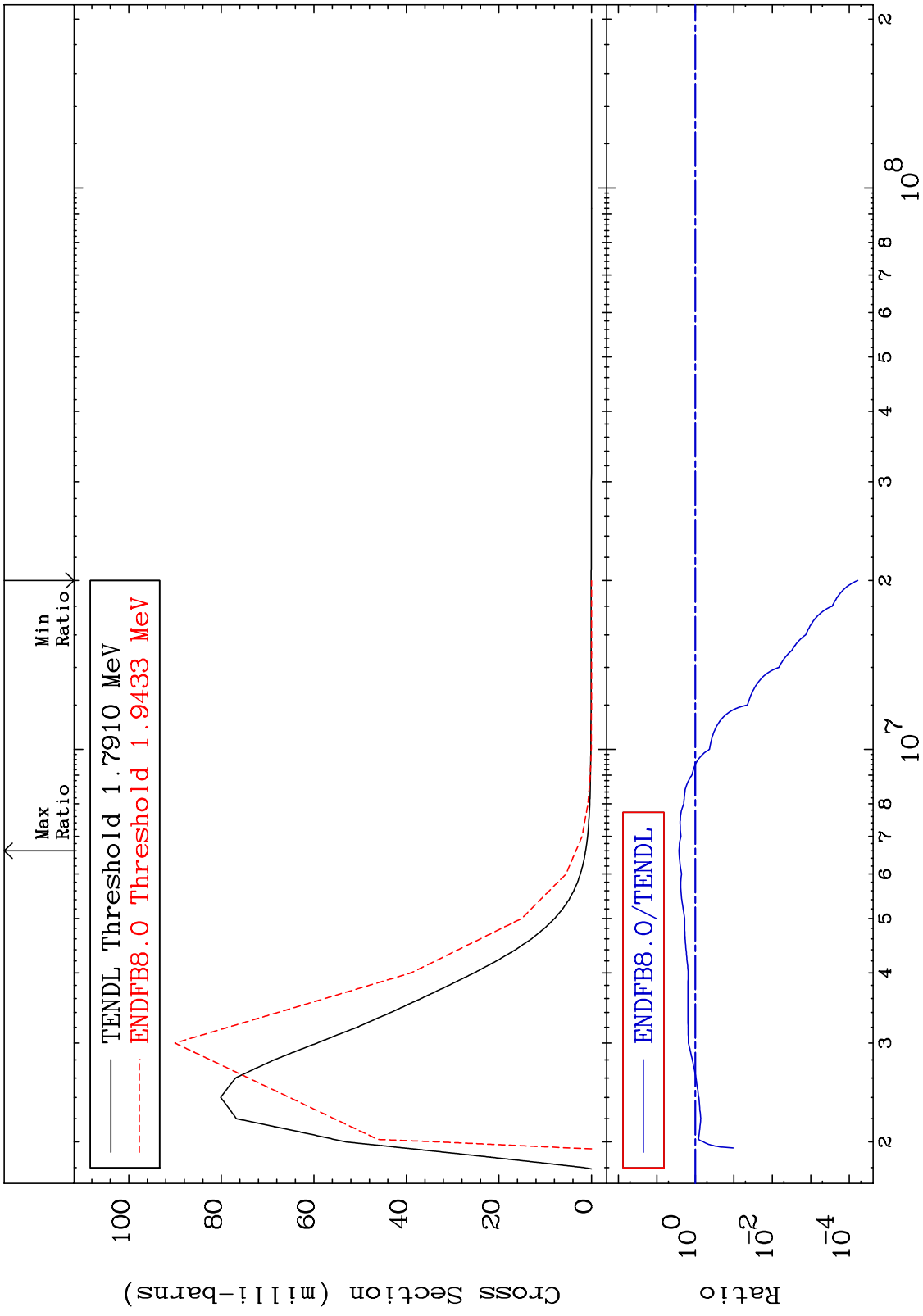
MAT 3834

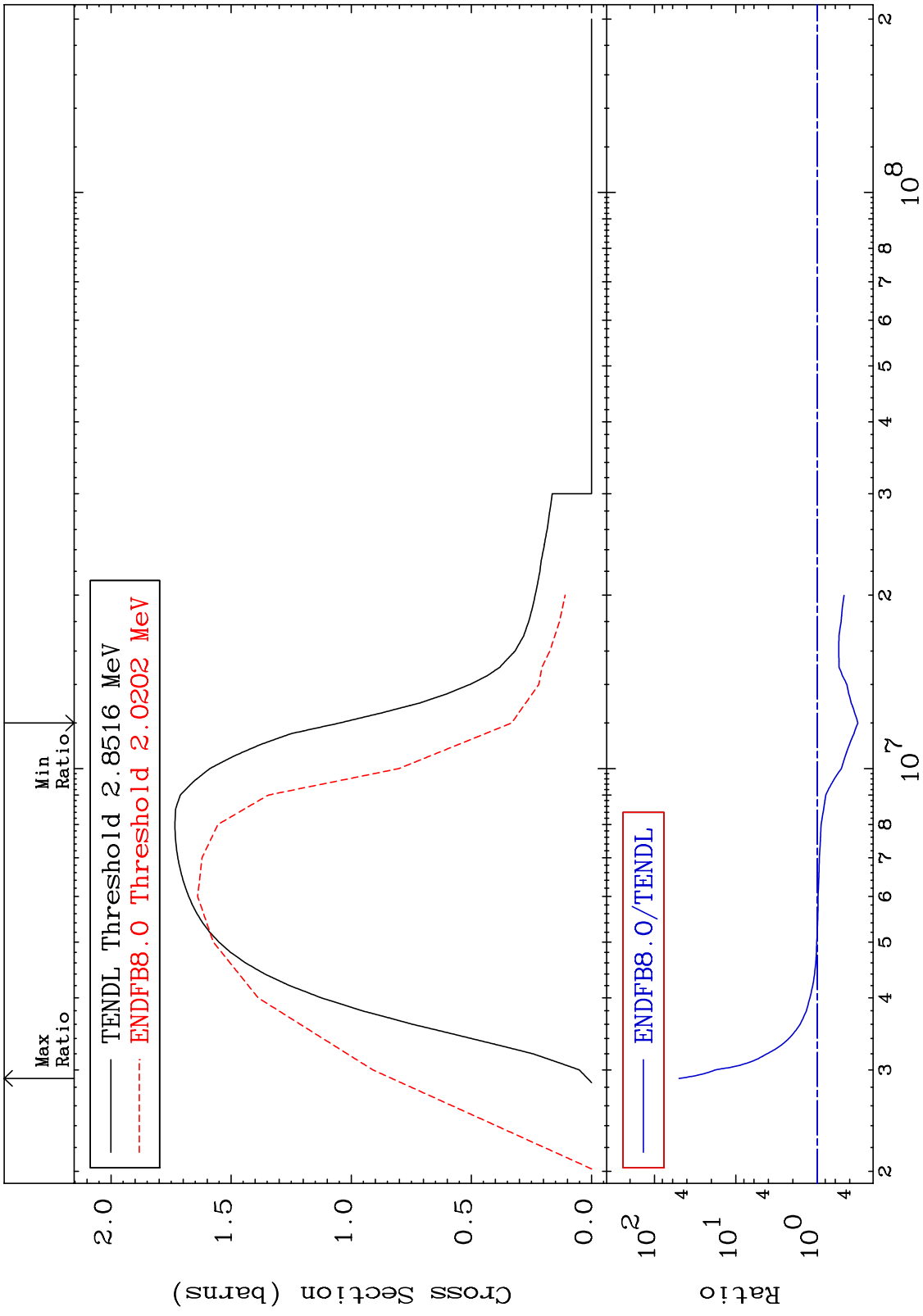
MT= 56 (n,n') Level  
Cross Section

38-Sr-87  
-100.0 To 23.87 %



MAT 3834 MT= 57 (n,n') Level Cross Section 38-Sr-87  
 -99.99 To 165.9 %





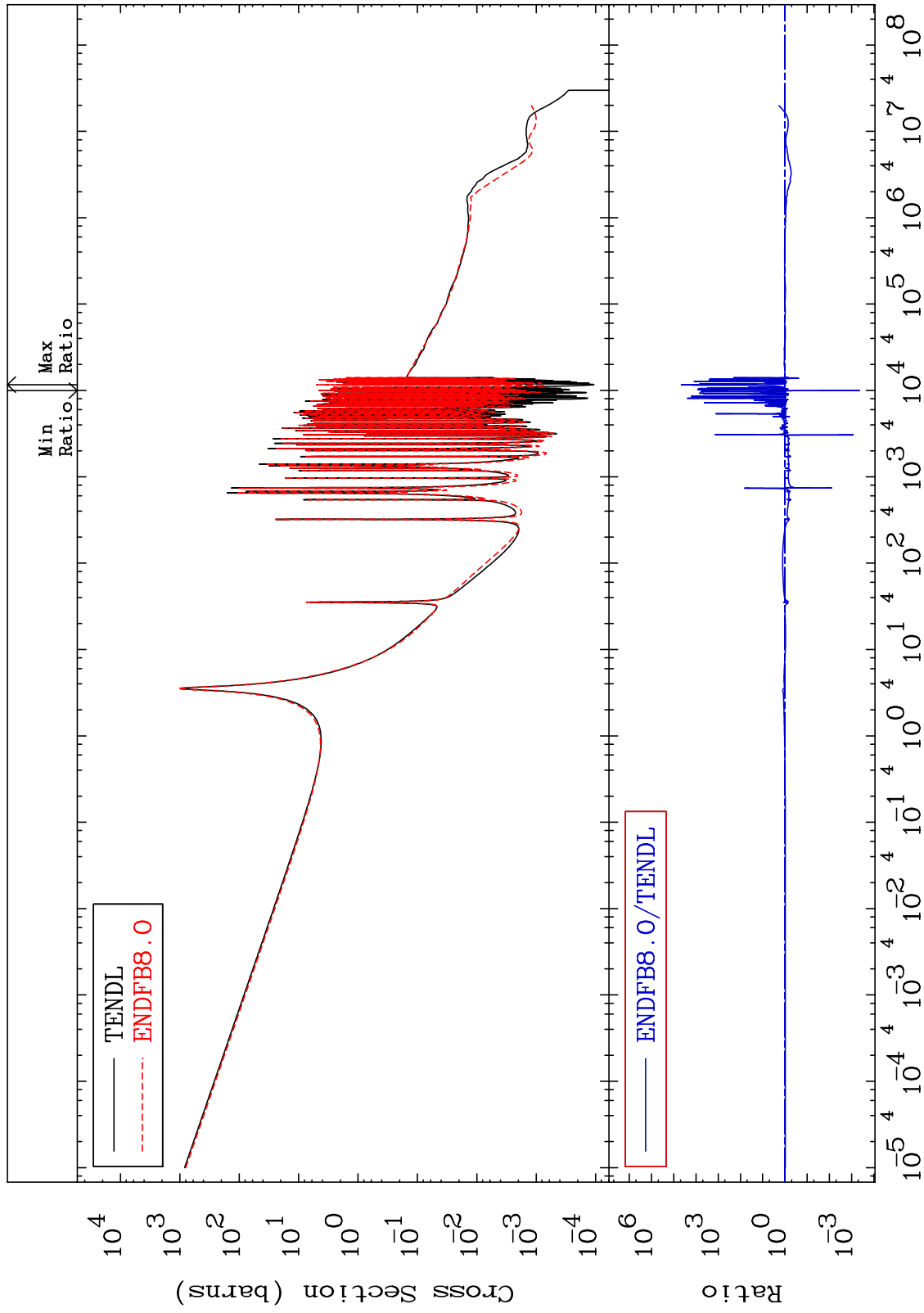
MAT 3834

(n,  $\gamma$ )

38-Sr-87

Cross Section

-99.96 To 9999. %



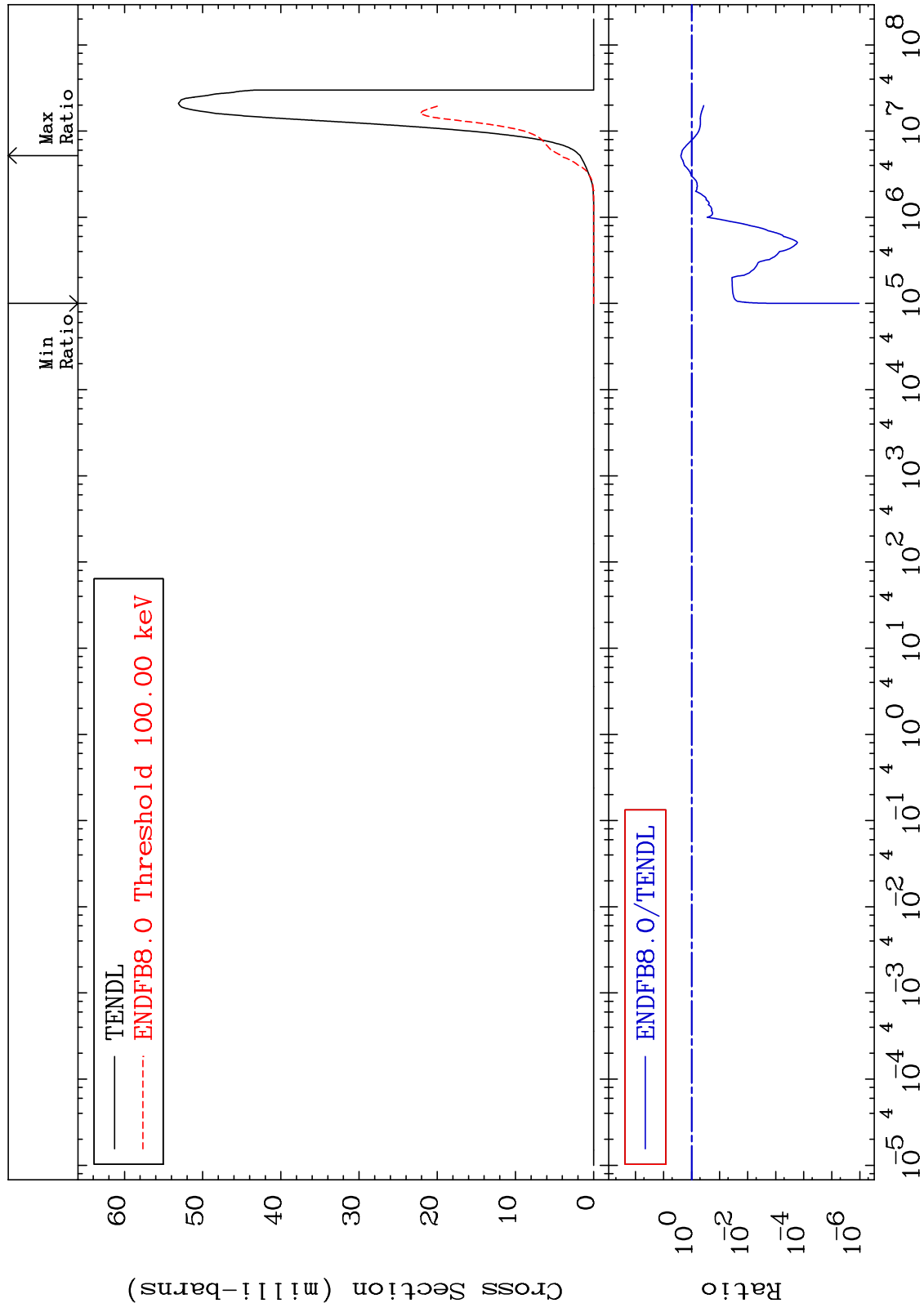
MAT 3834

(n,p)

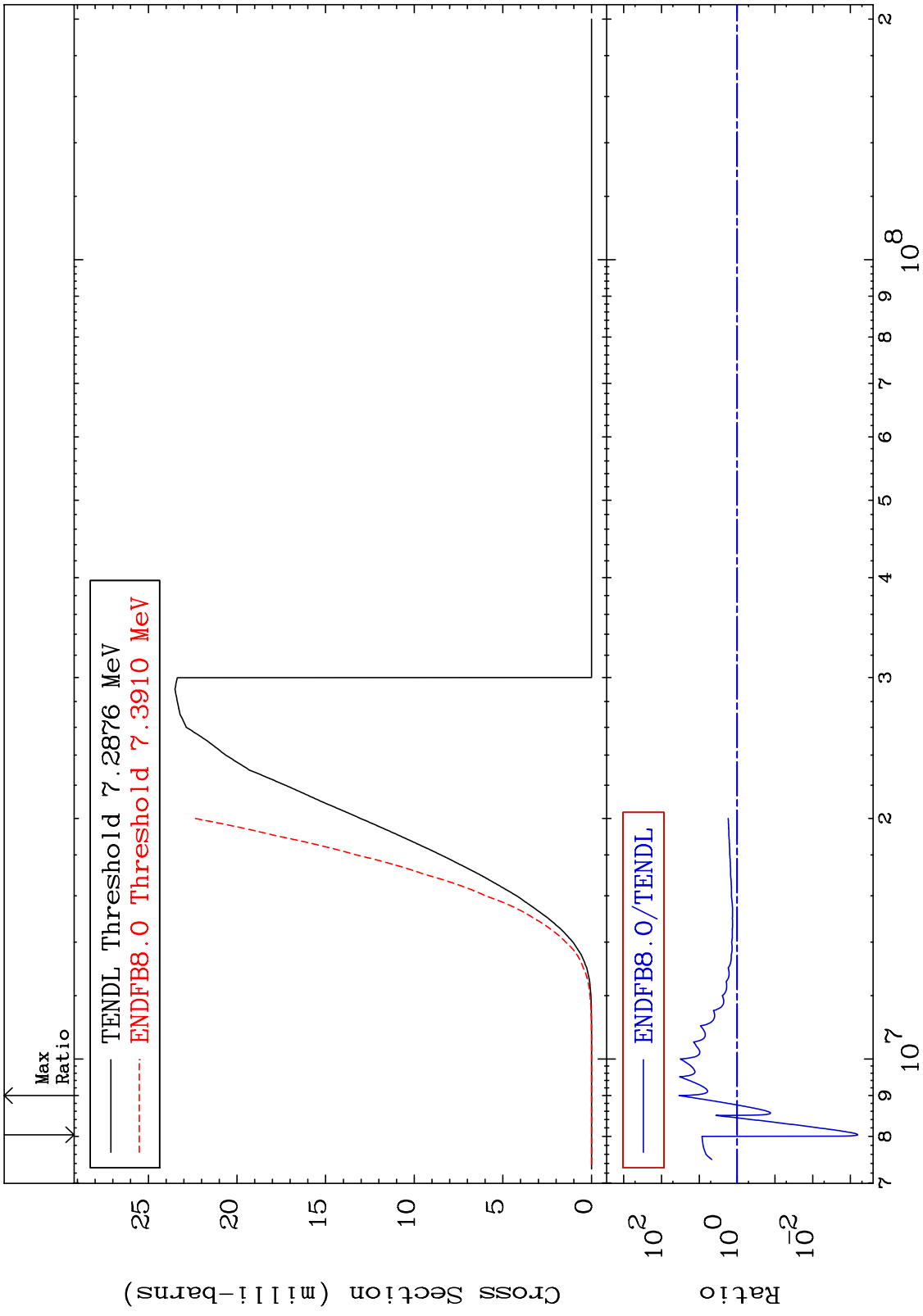
<sup>38</sup>Sr-87

Cross Section

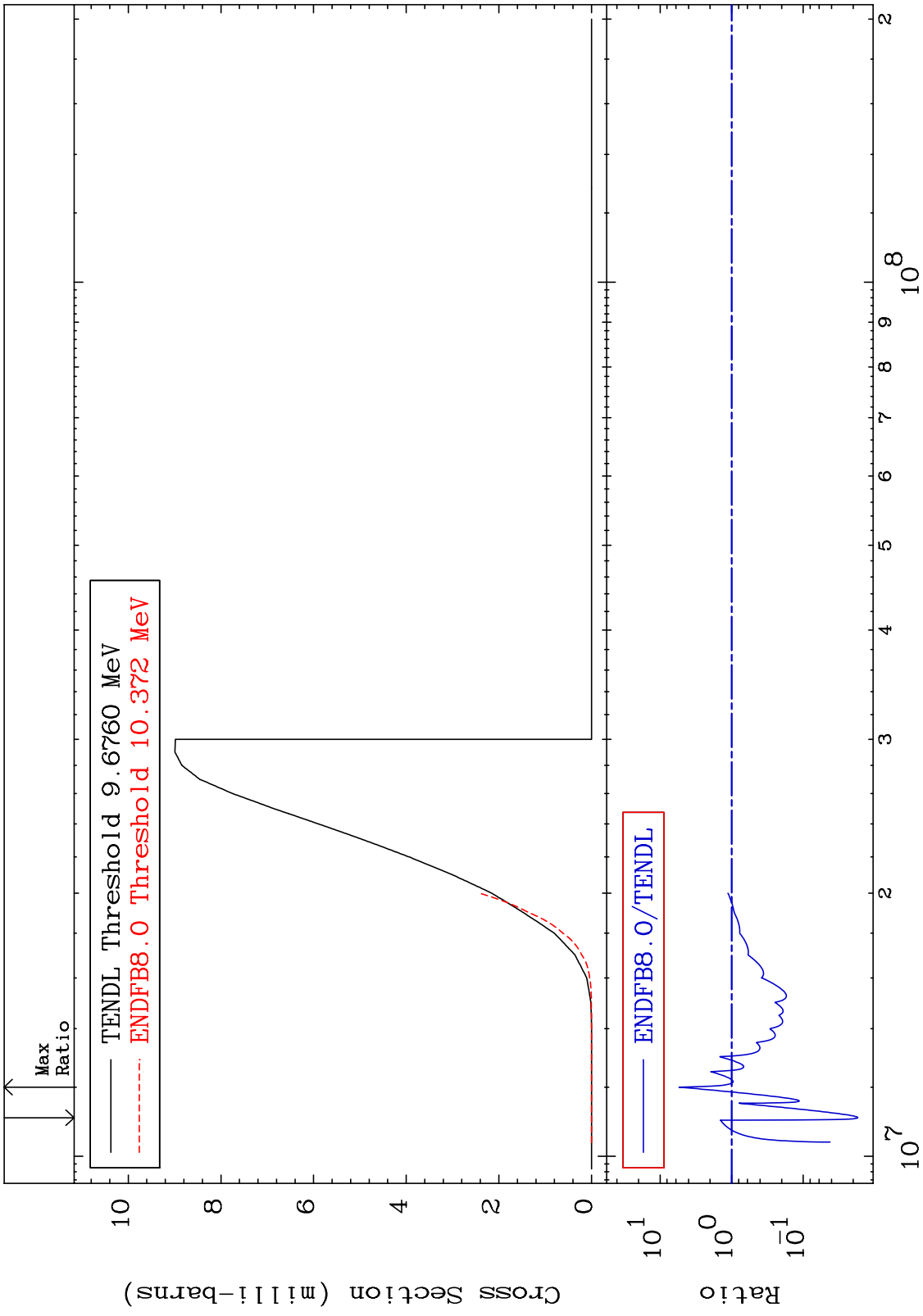
-100.0 To 141.8 %



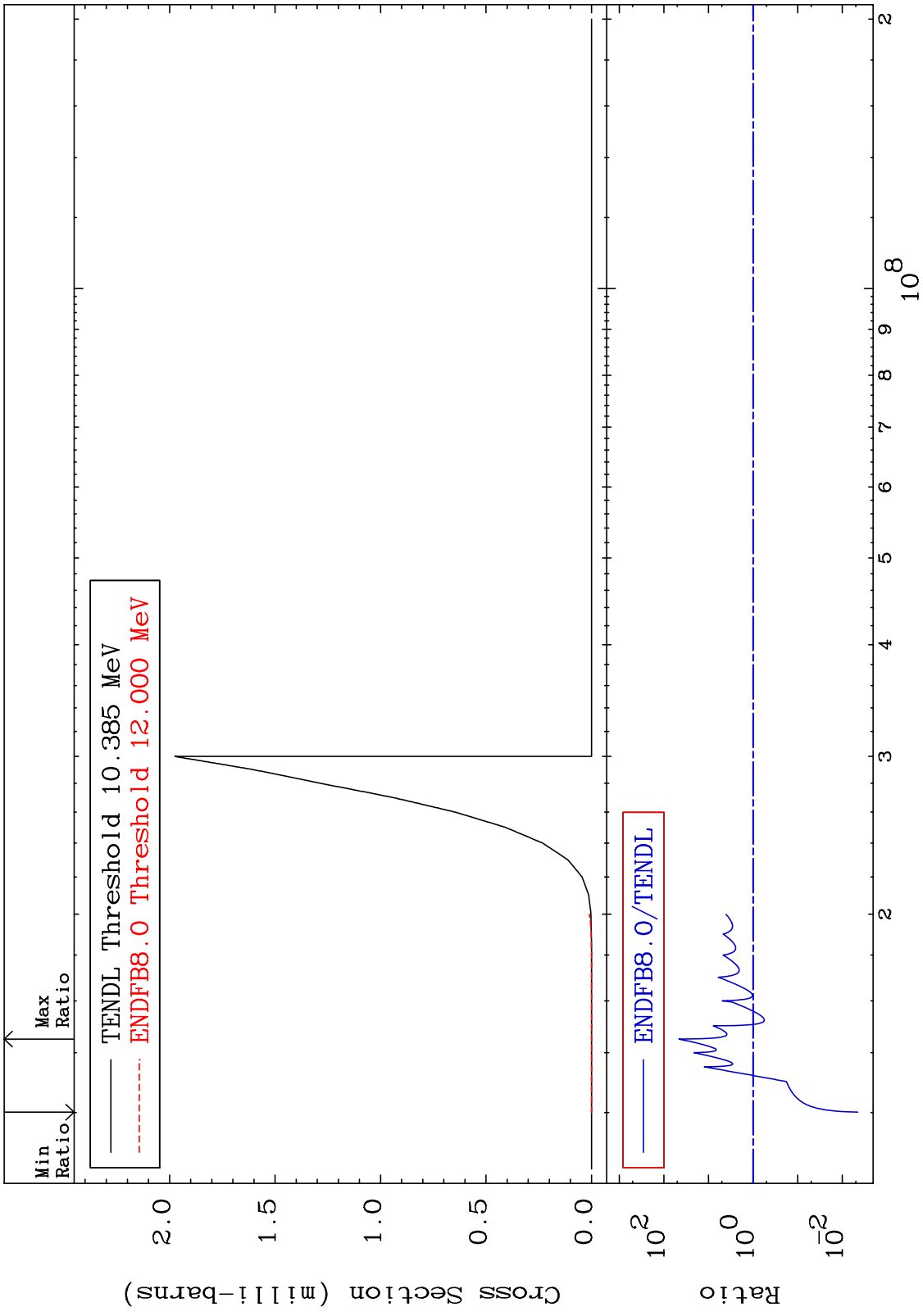
MAT 3834 (n,d) Cross Section 38-Sr-87 -99.94 To 3331. %



MAT 3834 (n,t) 38-Sr-87  
Cross Section -98.28 To 443.1 %



19 38-Sr-87



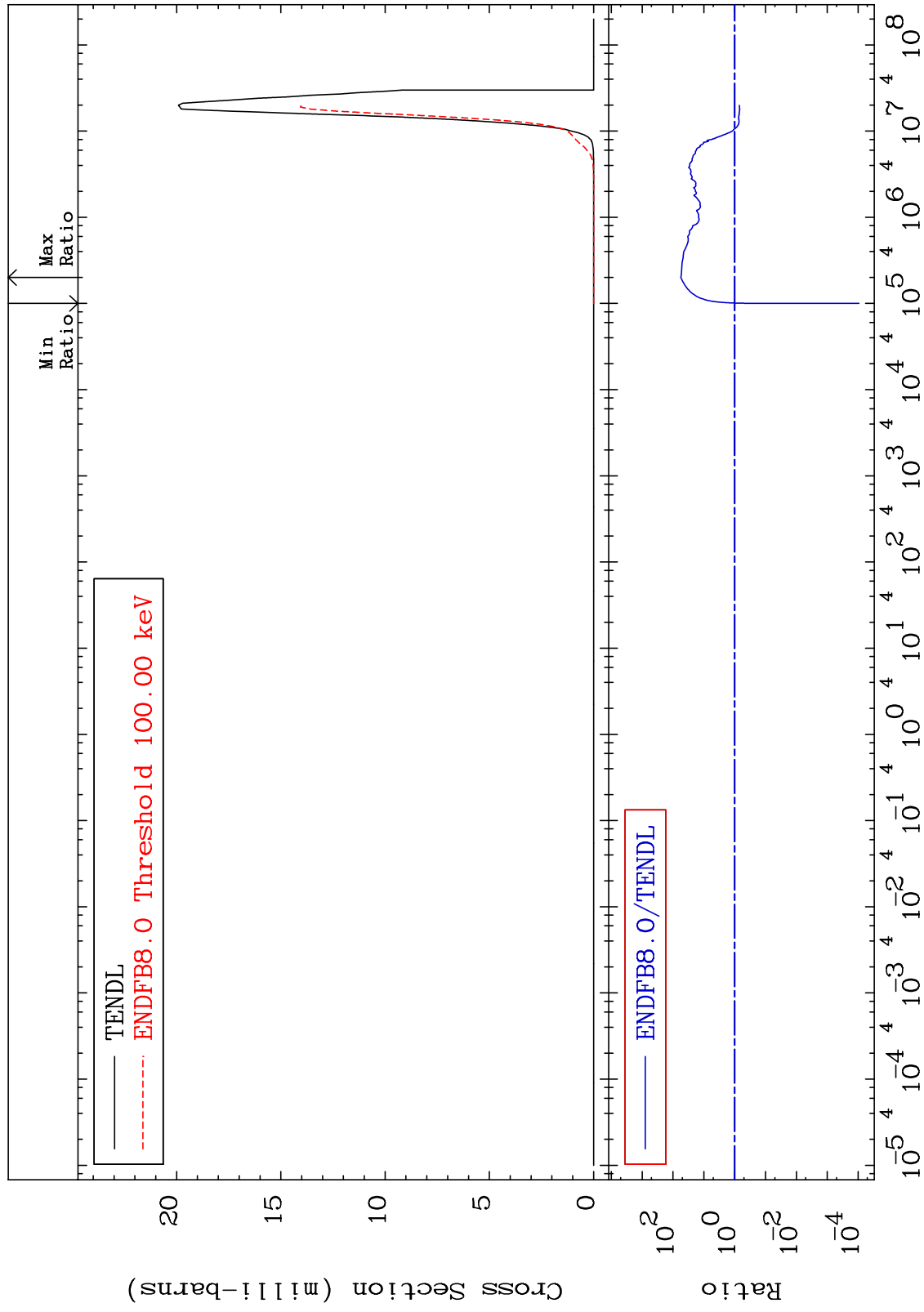
MAT 3834

(n,  $\alpha$ )

38-Sr-87

Cross Section

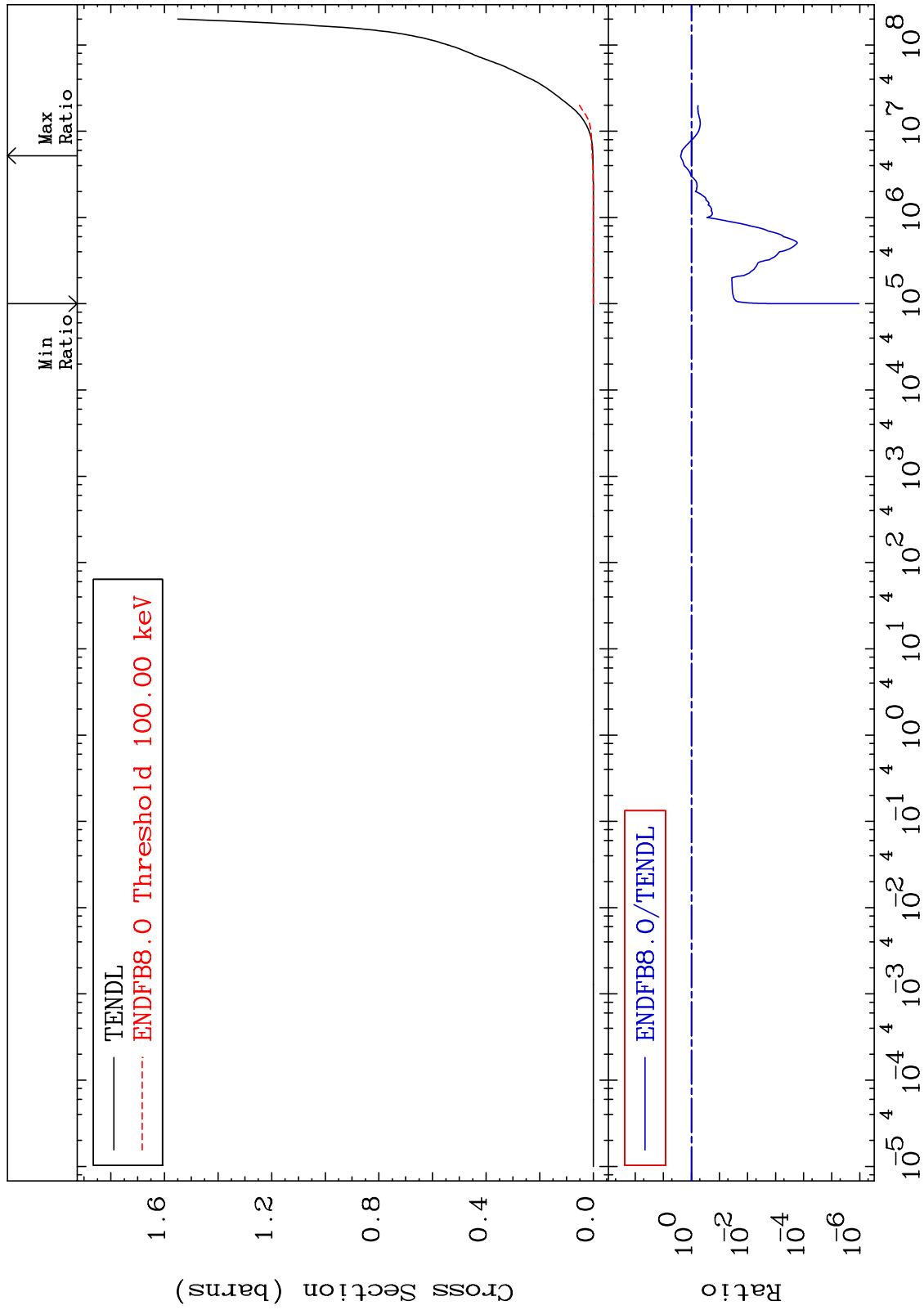
-99.99 To 5474. %



MAT 3834

### Hydrogen Production Cross Section

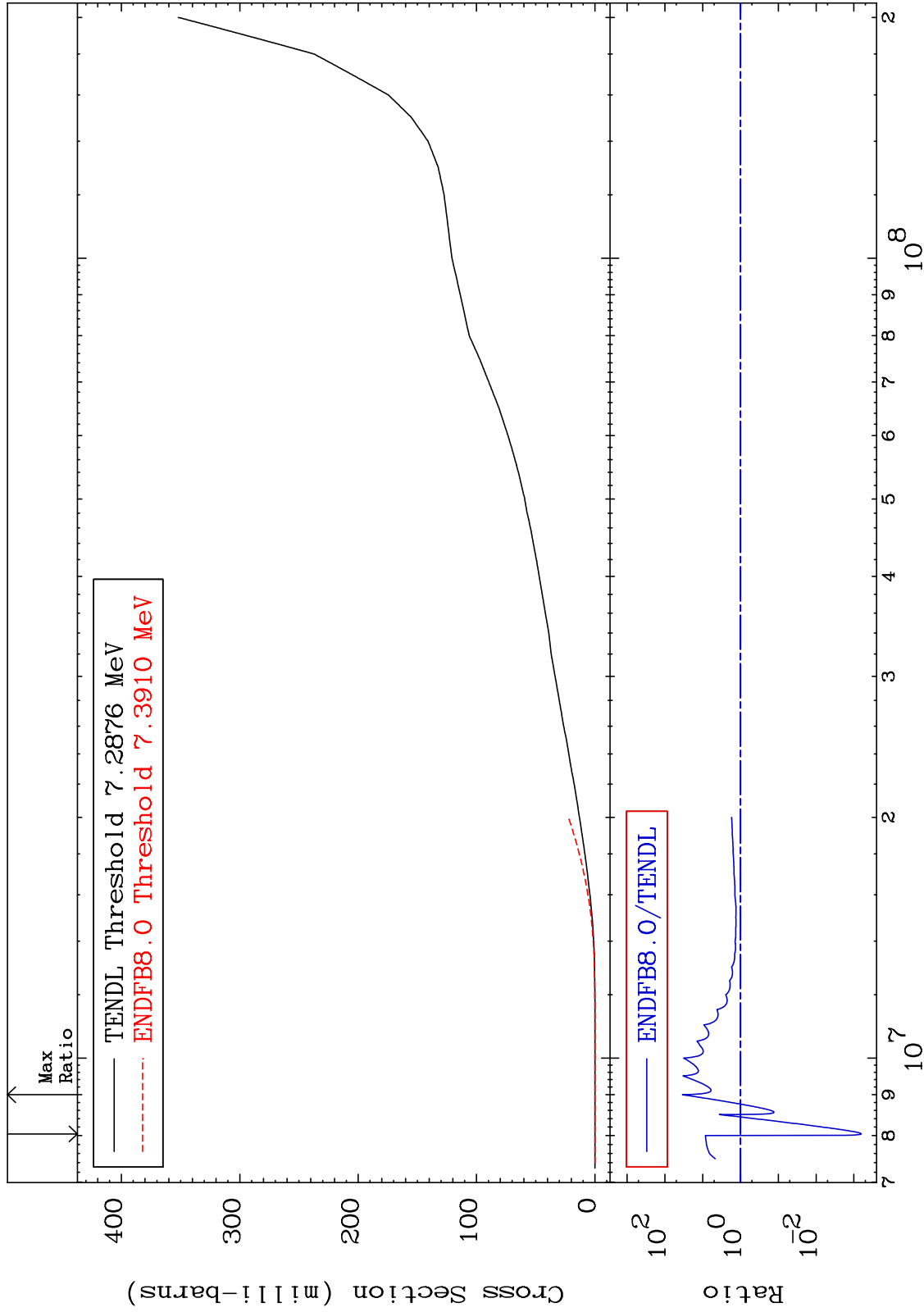
38-Sr-87  
-100.0 To 141.8 %



MAT 3834

Deuterium Production  
Cross Section

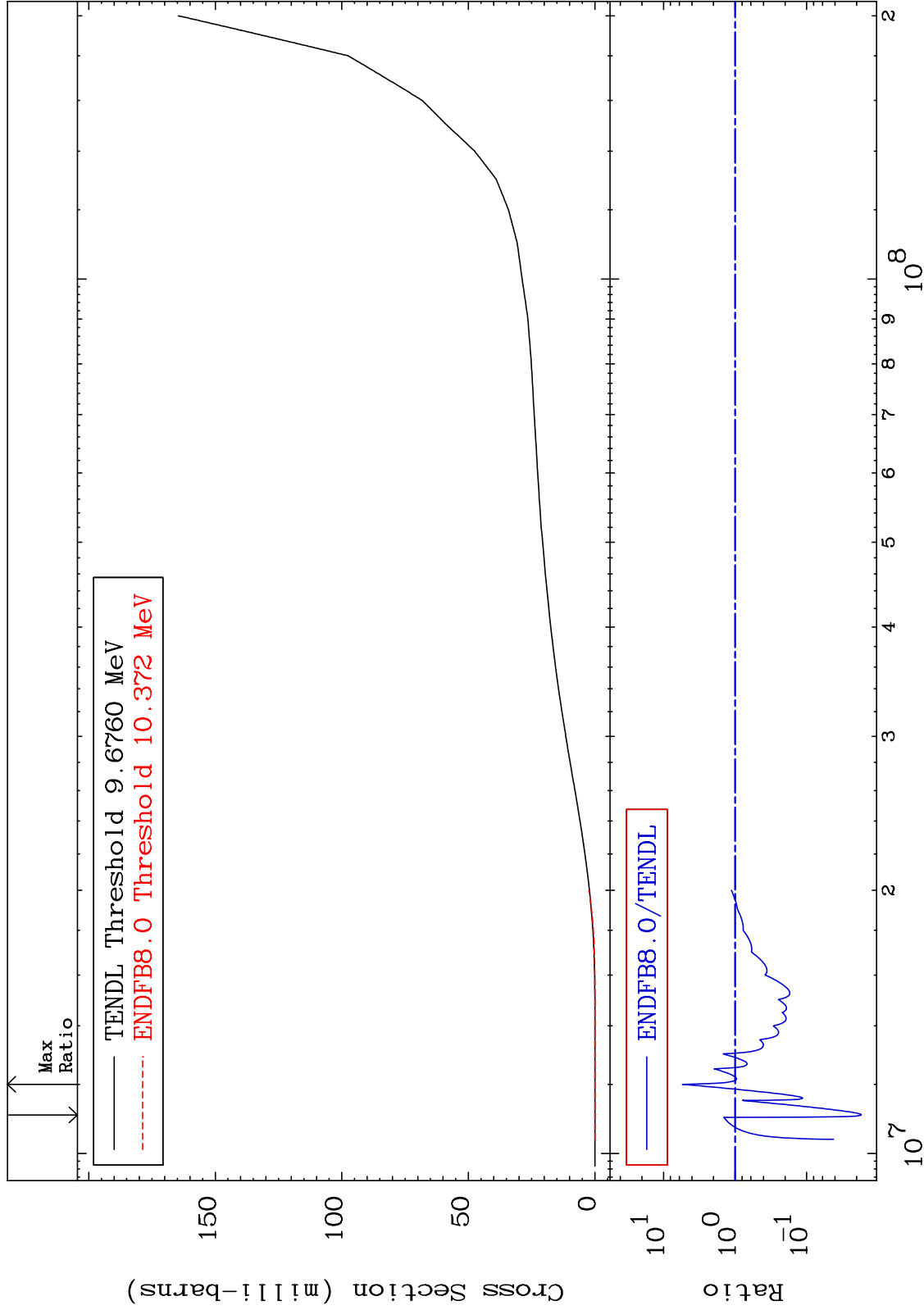
38-Sr-87  
-99.94 To 3331. %



MAT 3834

Tritium Production  
Cross Section

<sup>38</sup>Sr-87  
-98.28 To 443.1 %



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Incident Energy (eV)

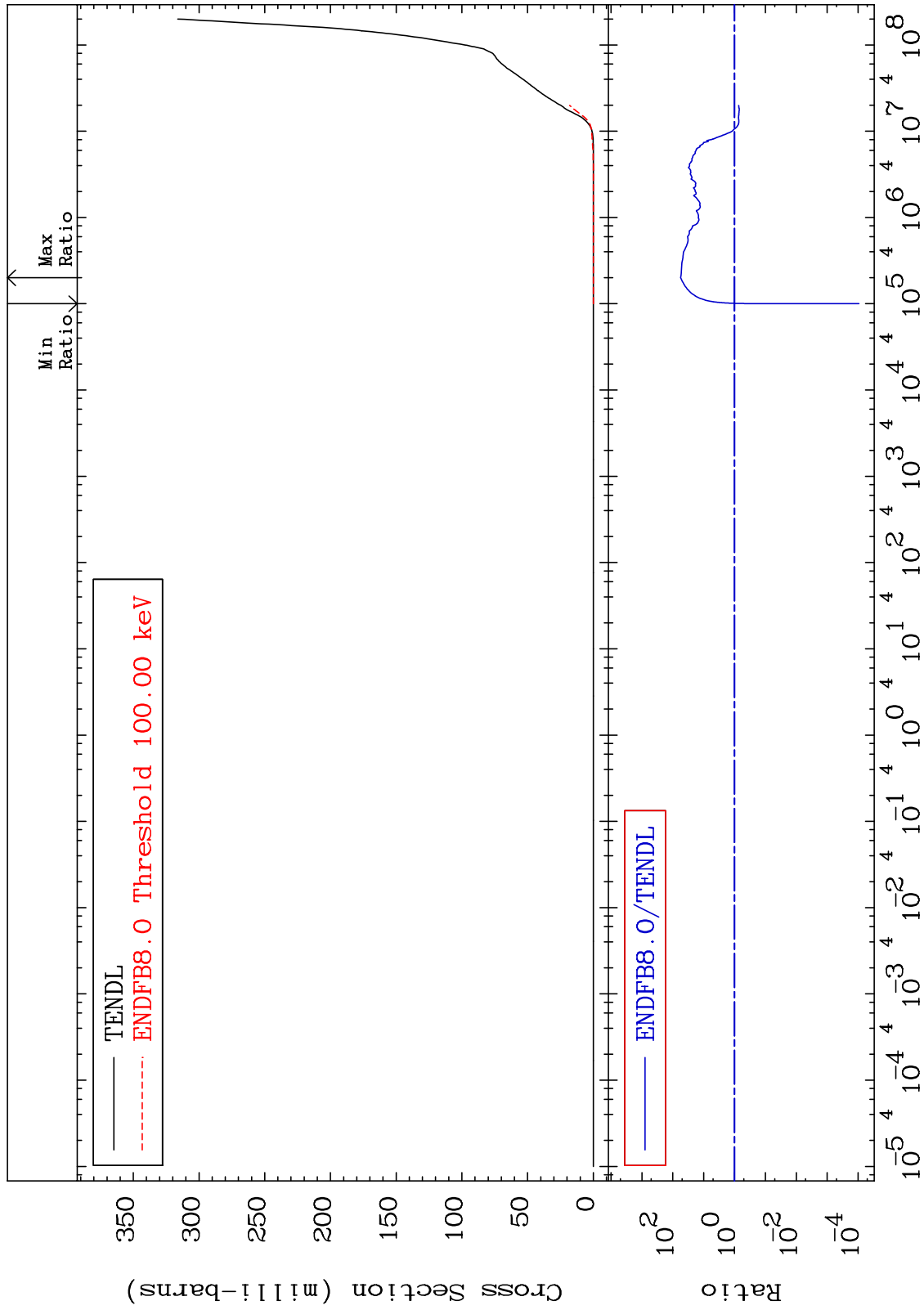
<sup>38</sup>Sr-87



MAT 3834

He-4 Production  
Cross Section

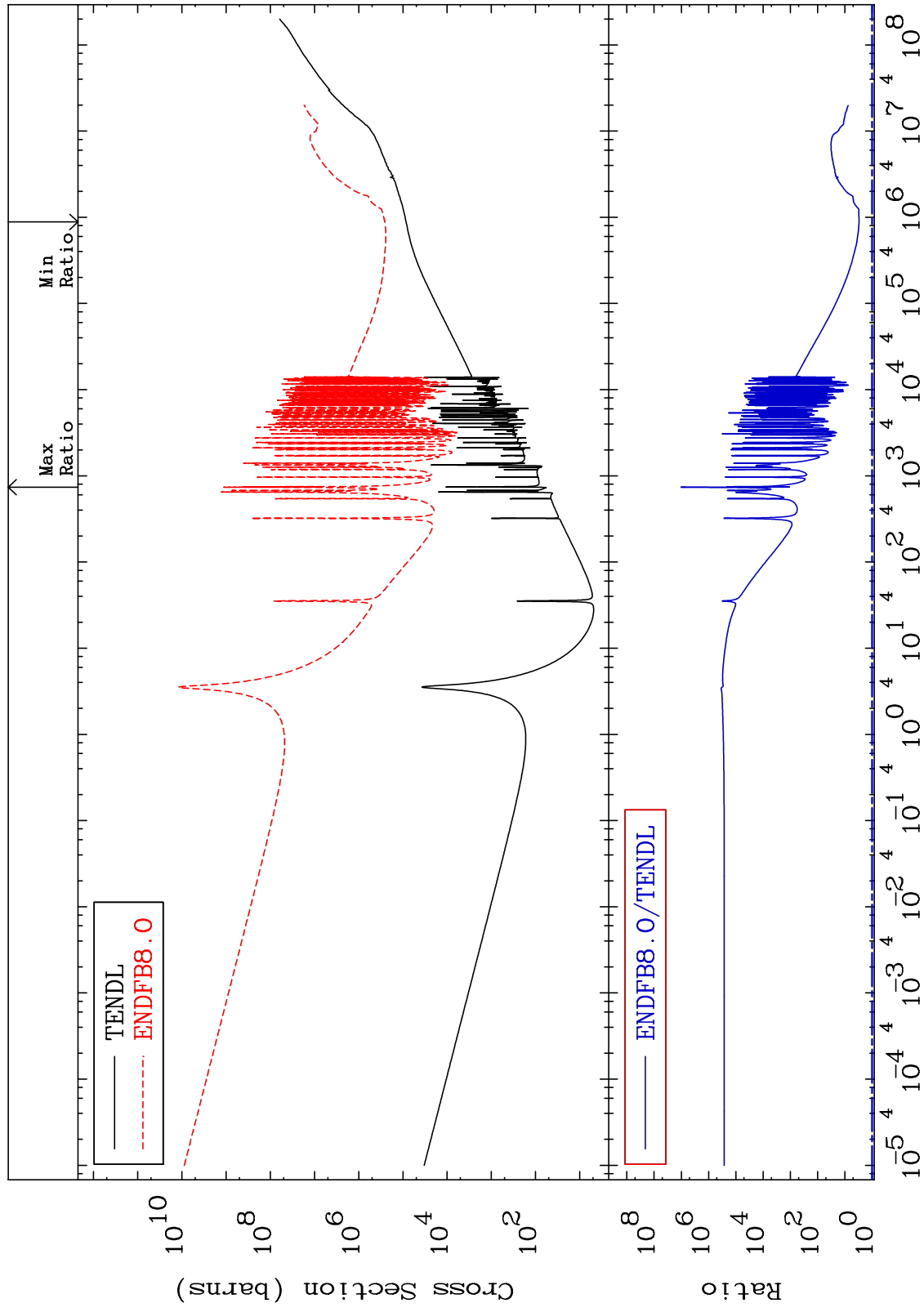
38-Sr-87  
-99.99 To 5474. %



MAT 3834

Kerma total (eV-barns)  
Cross Section

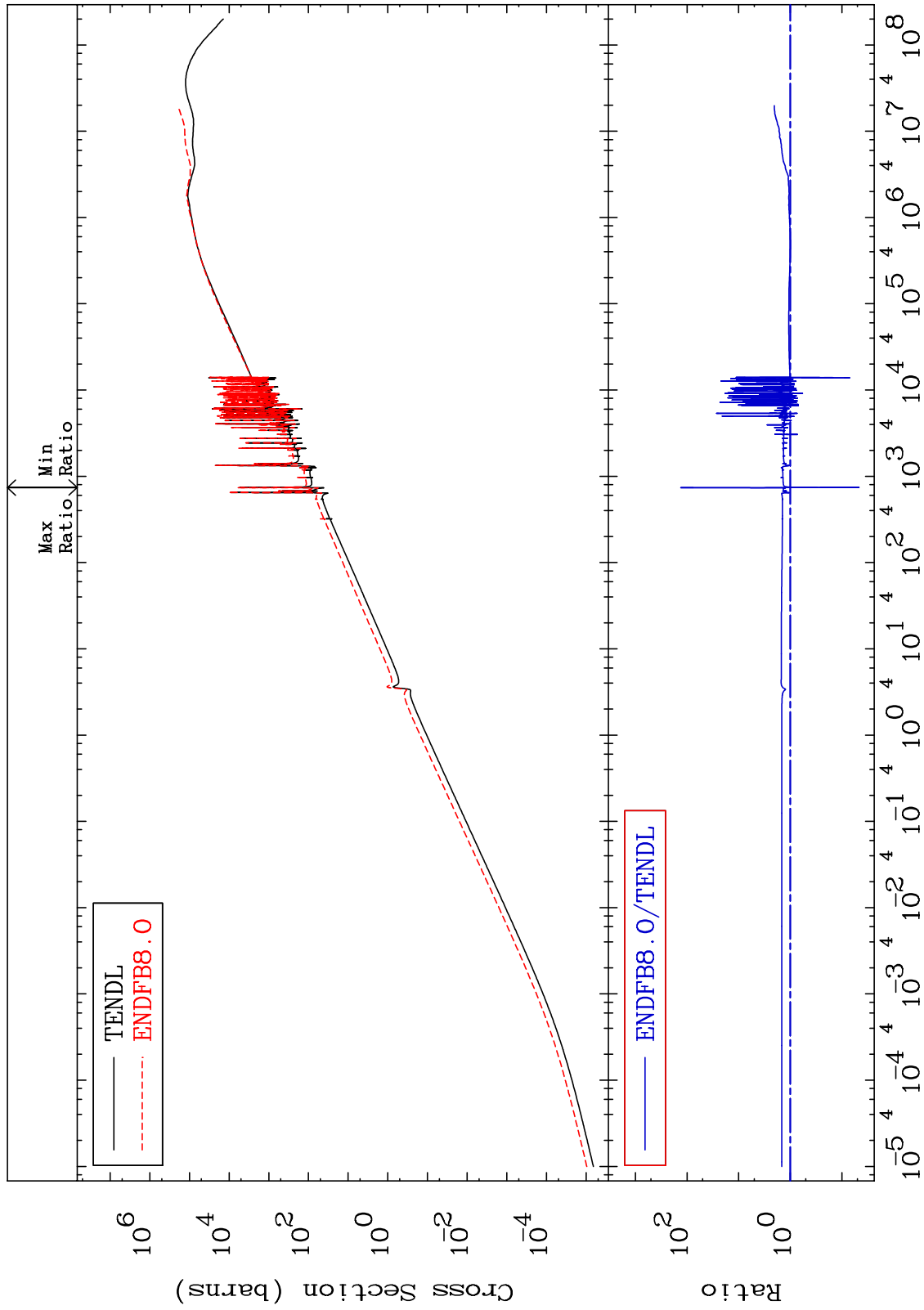
38-Sr-87  
202.0 To 9999. %



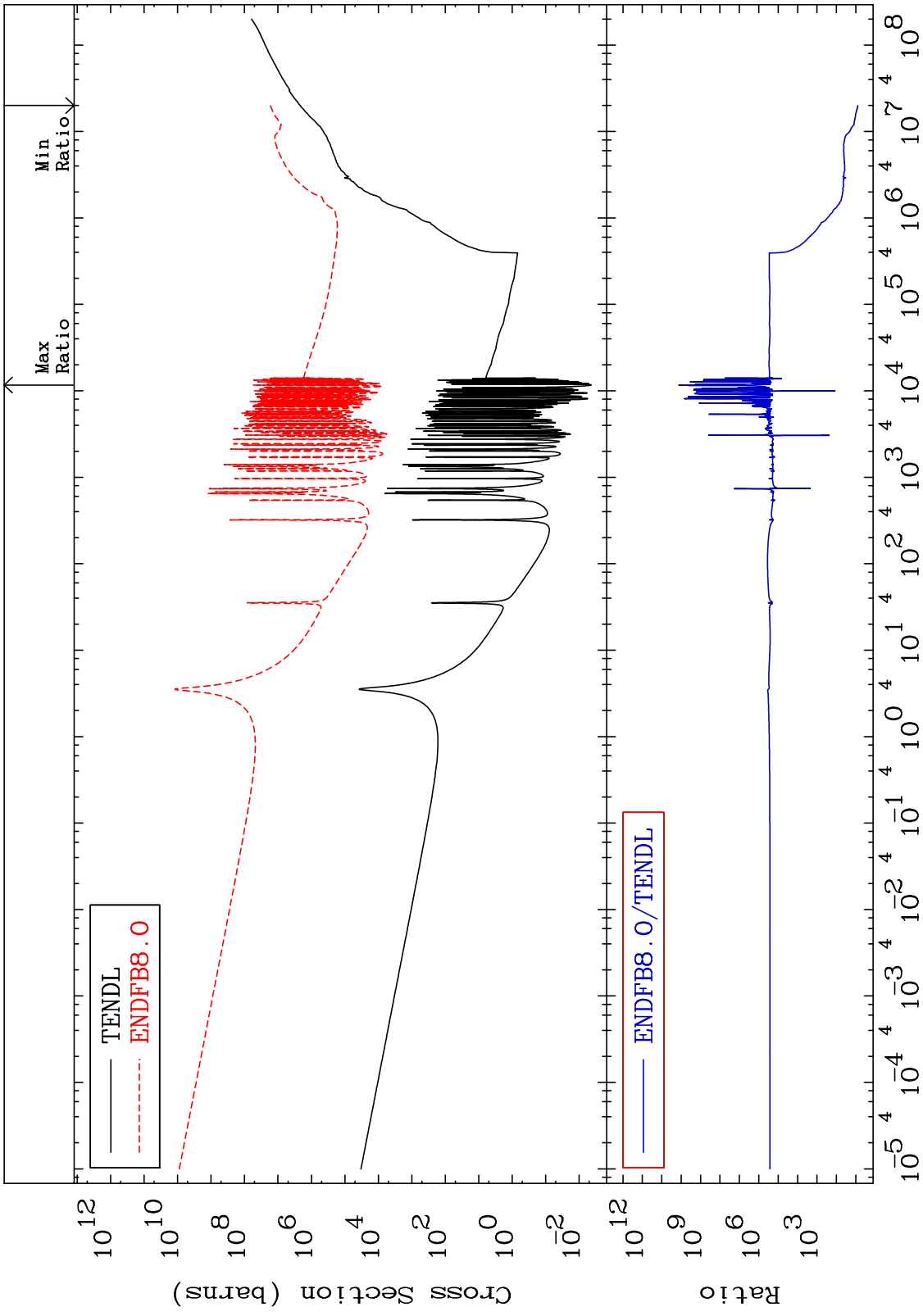
MAT 3834

Kerma elastic  
Cross Section

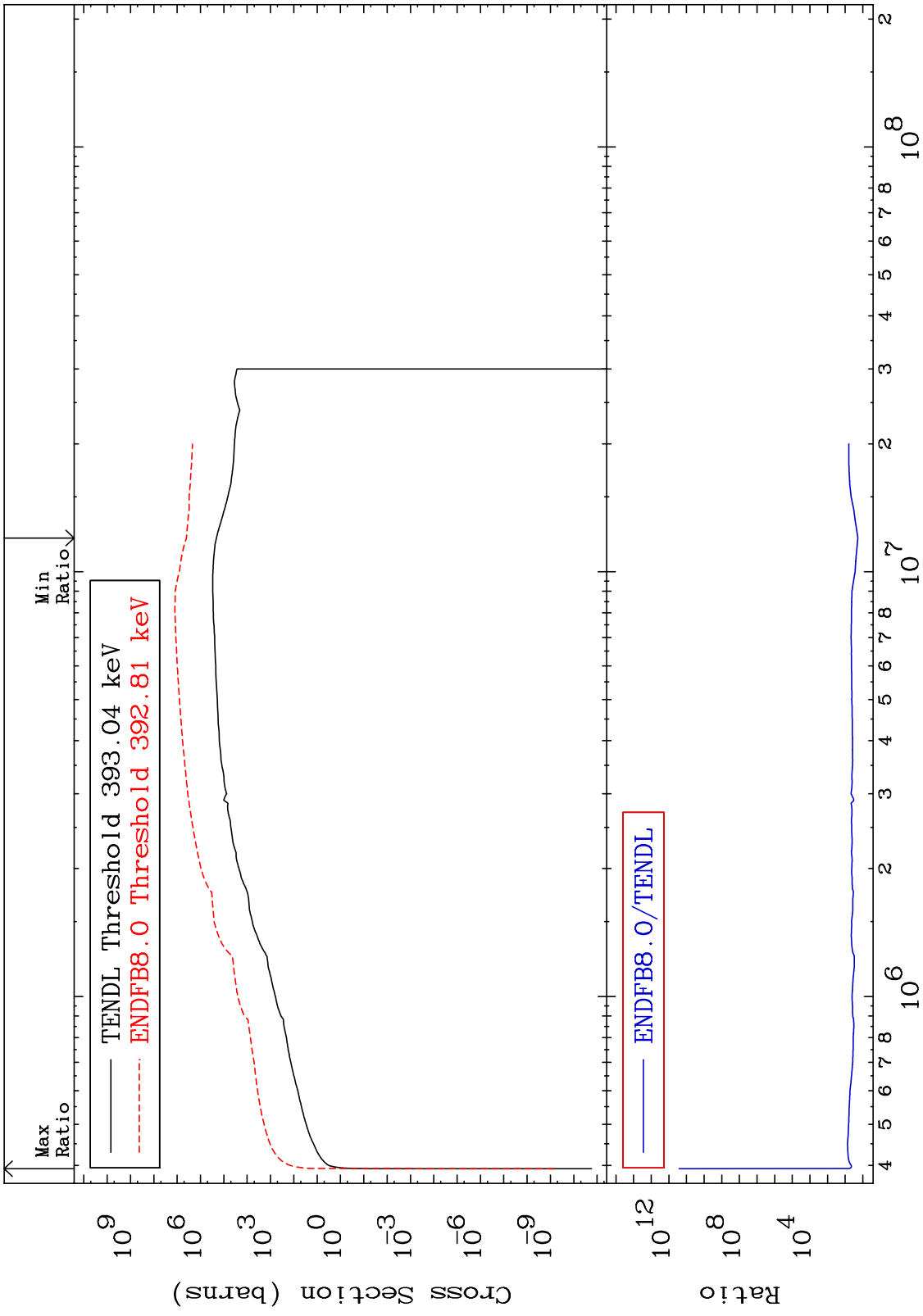
38-Sr-87  
-95.33 To 9999. %



MAT 3834 Kerma non-elastic (all but mt2) Cross Section 38-Sr-87  
 686.0 To 9999. %



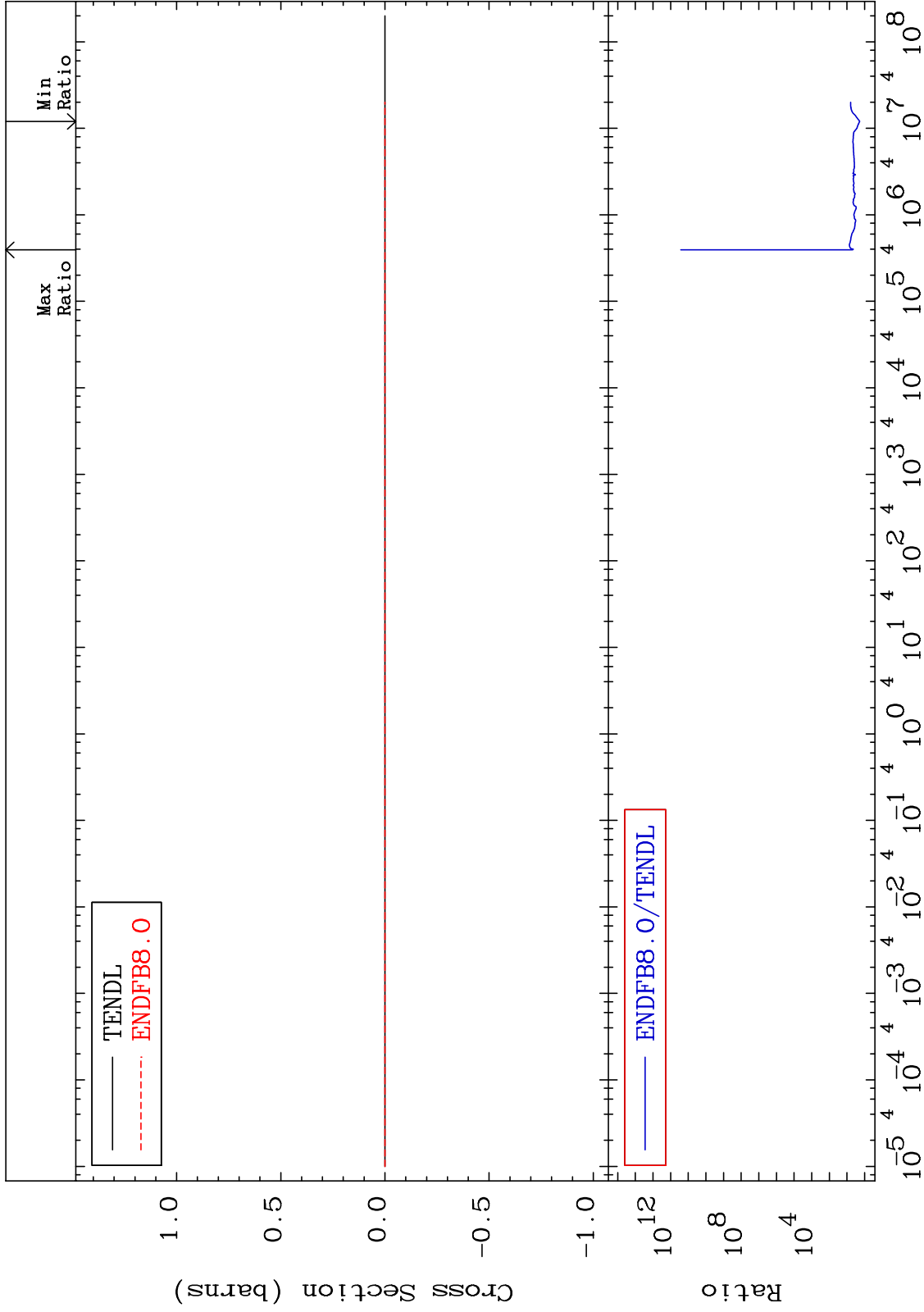
MAT 3834 Kerma inelastic (mt51-91) 38-Sr-87  
 Cross Section 1808. To 9999. %



MAT 3834

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

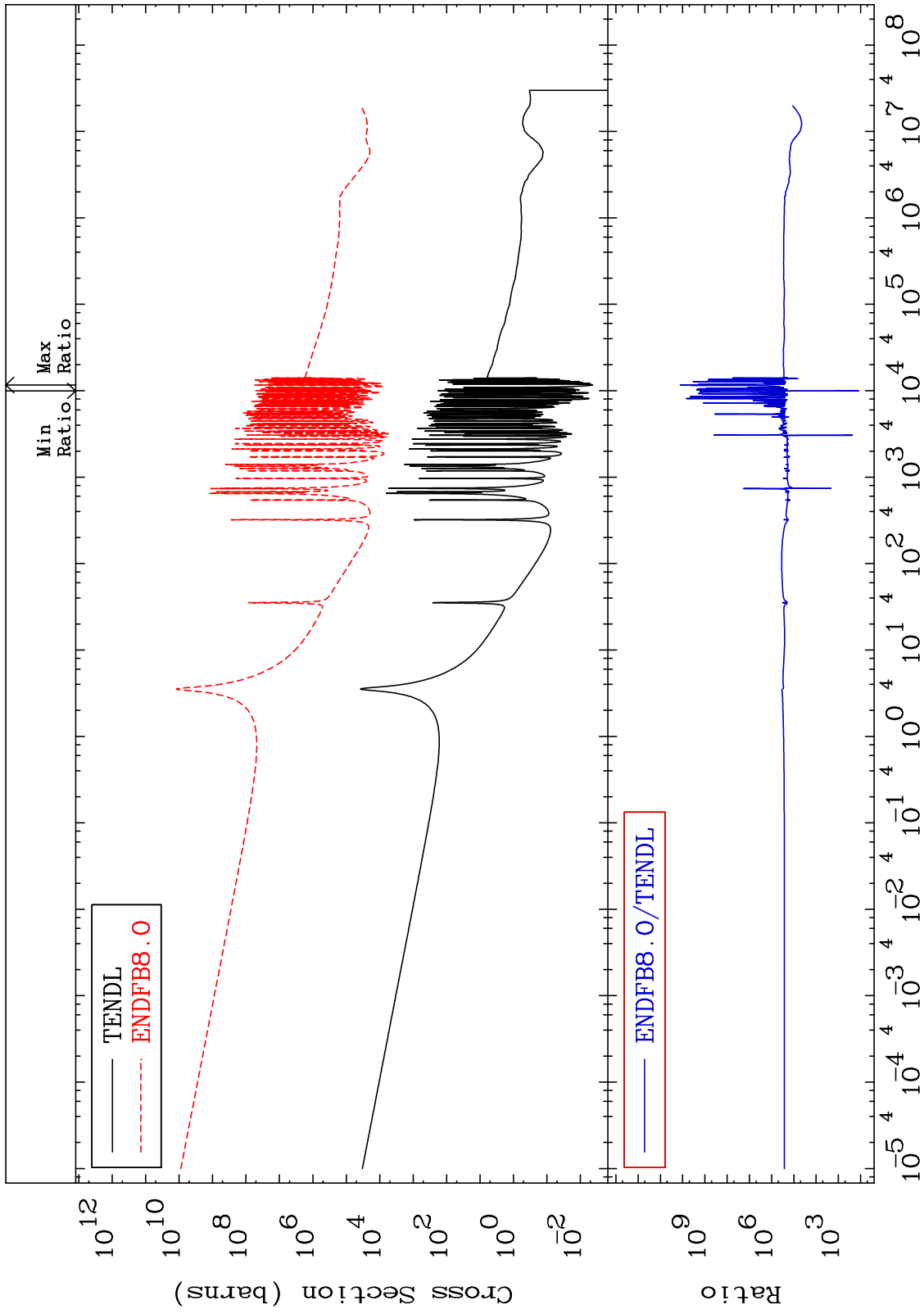
38-Sr-87  
1808. To 9999. %



MAT 3834

Kerma capture (mt102)  
Cross Section

38-Sr-87  
9999. To 9999. %



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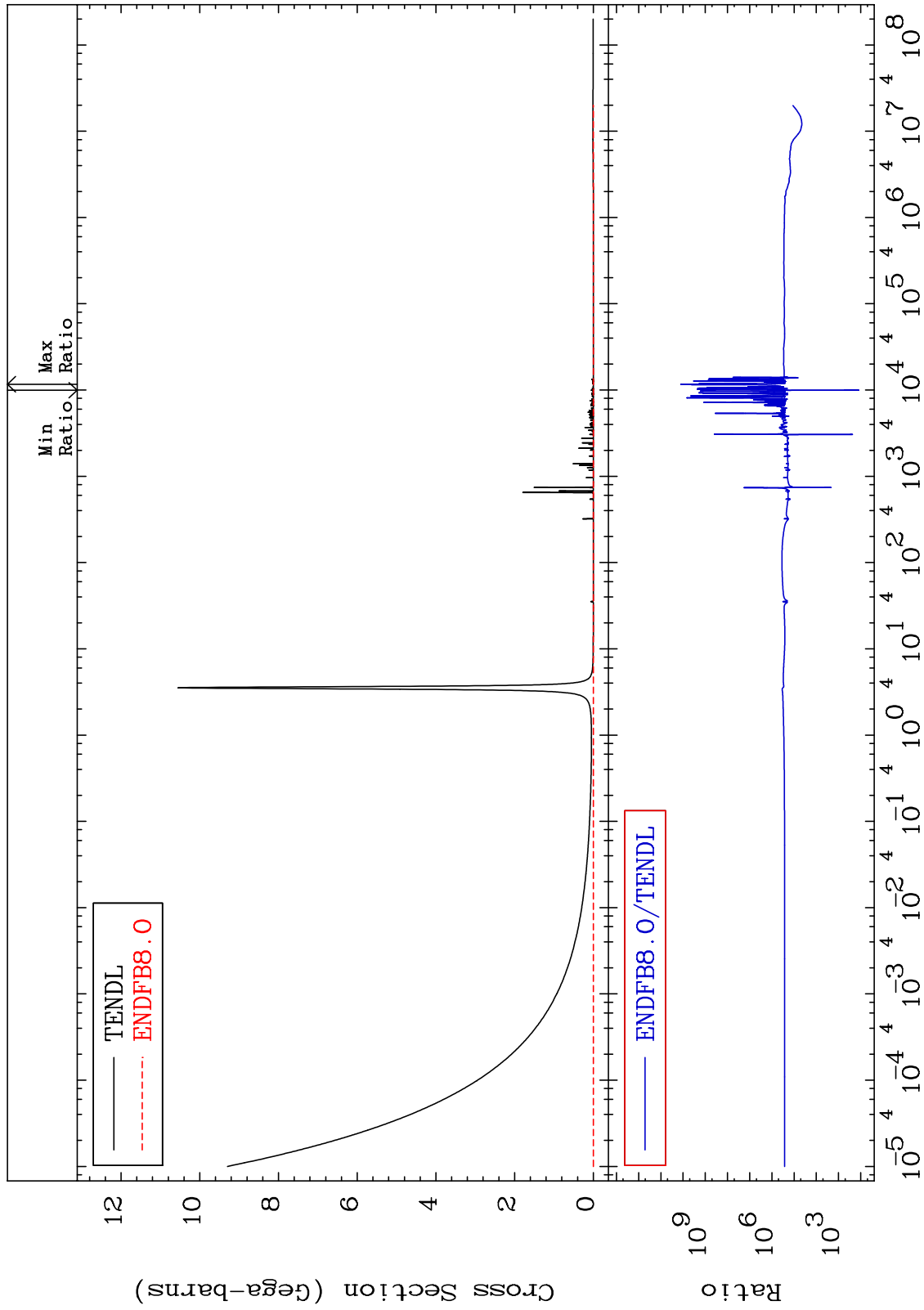
Incident Energy (eV)

38-Sr-87

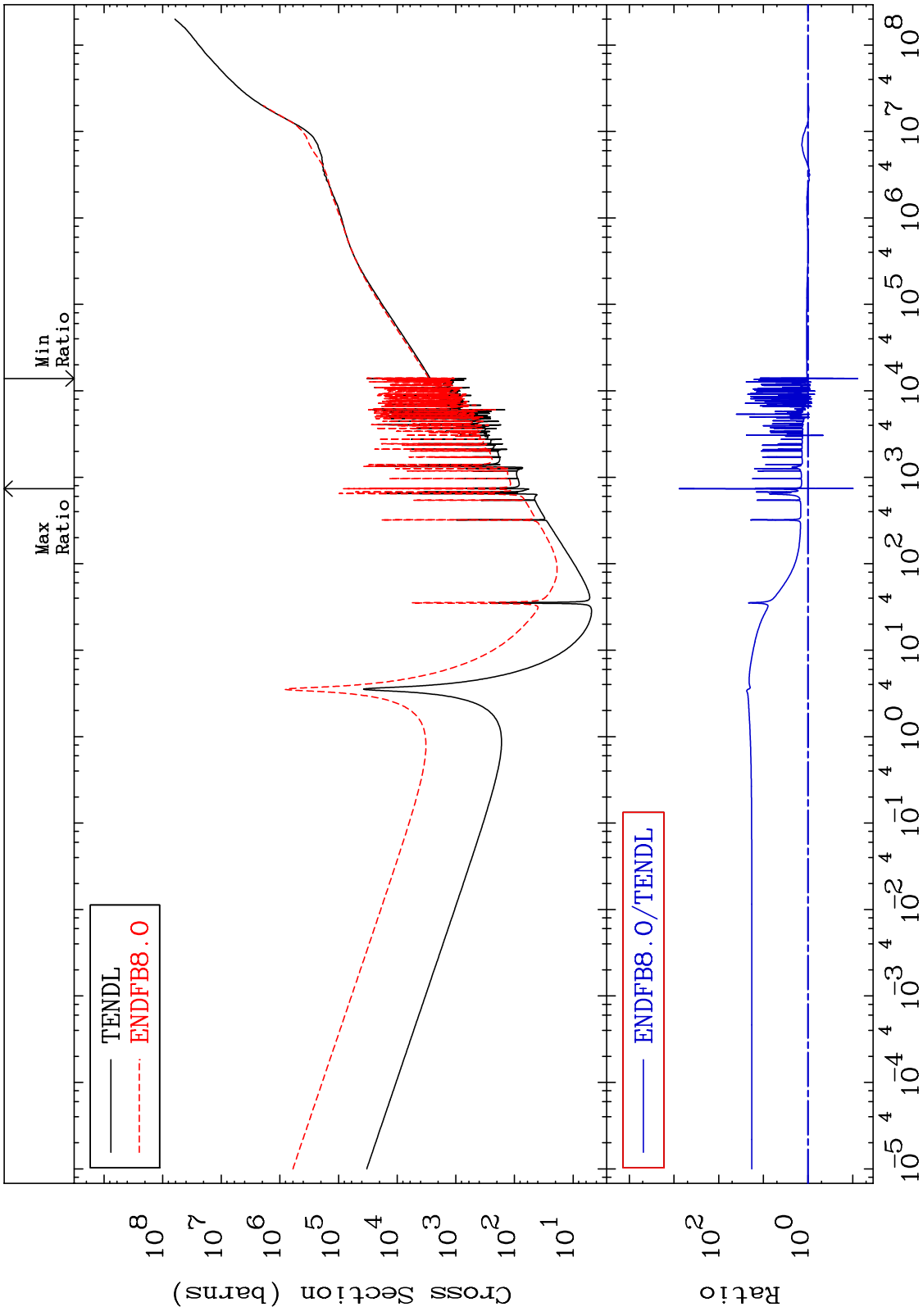
MAT 3834

Total photon (eV-barns)  
Cross Section

38-Sr-87  
9999. To 9999. %



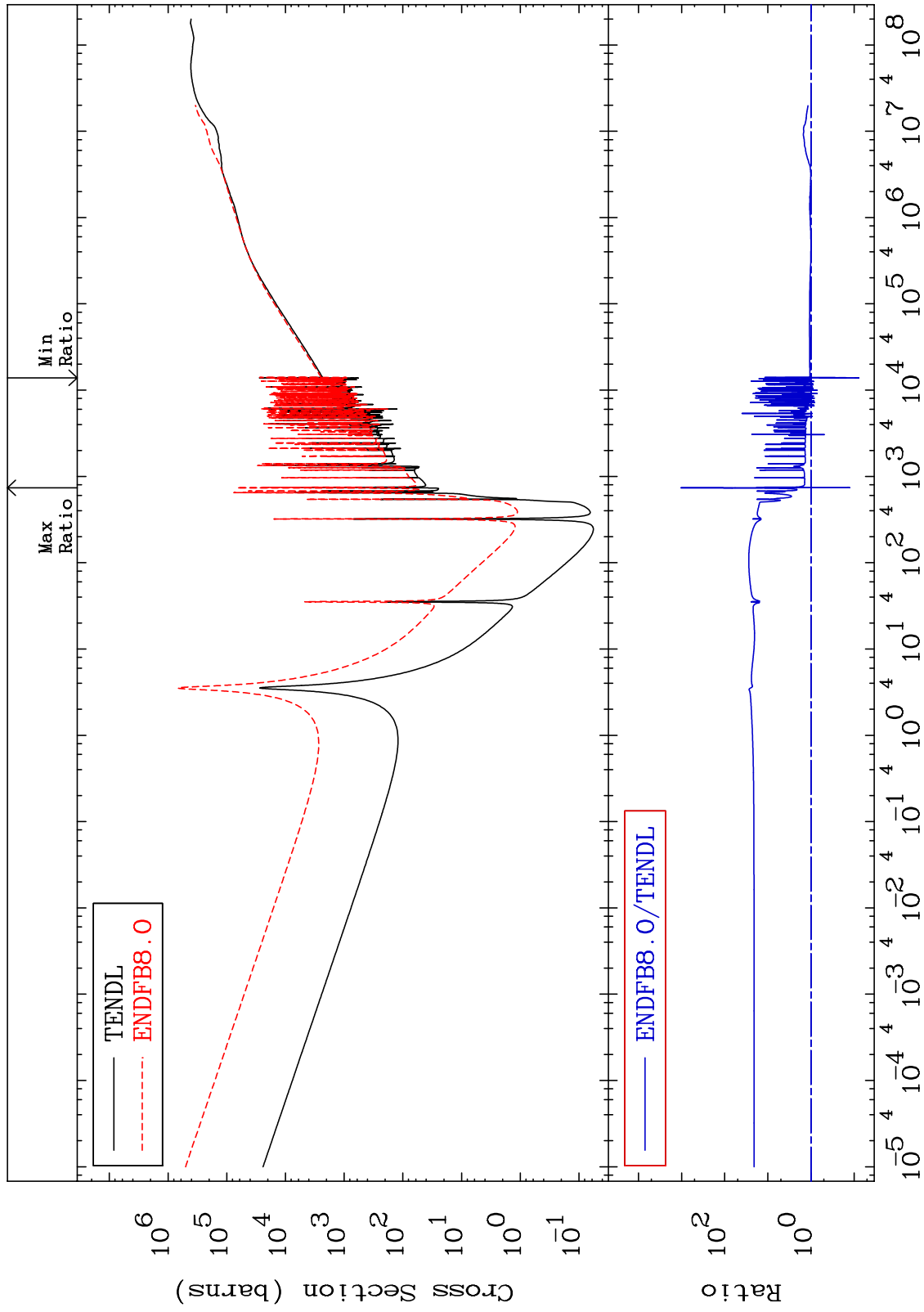
MAT 3834      Total kinematic kerma (high limit)      38-Sr-87  
 Cross Section      -92.31 To 9999. %

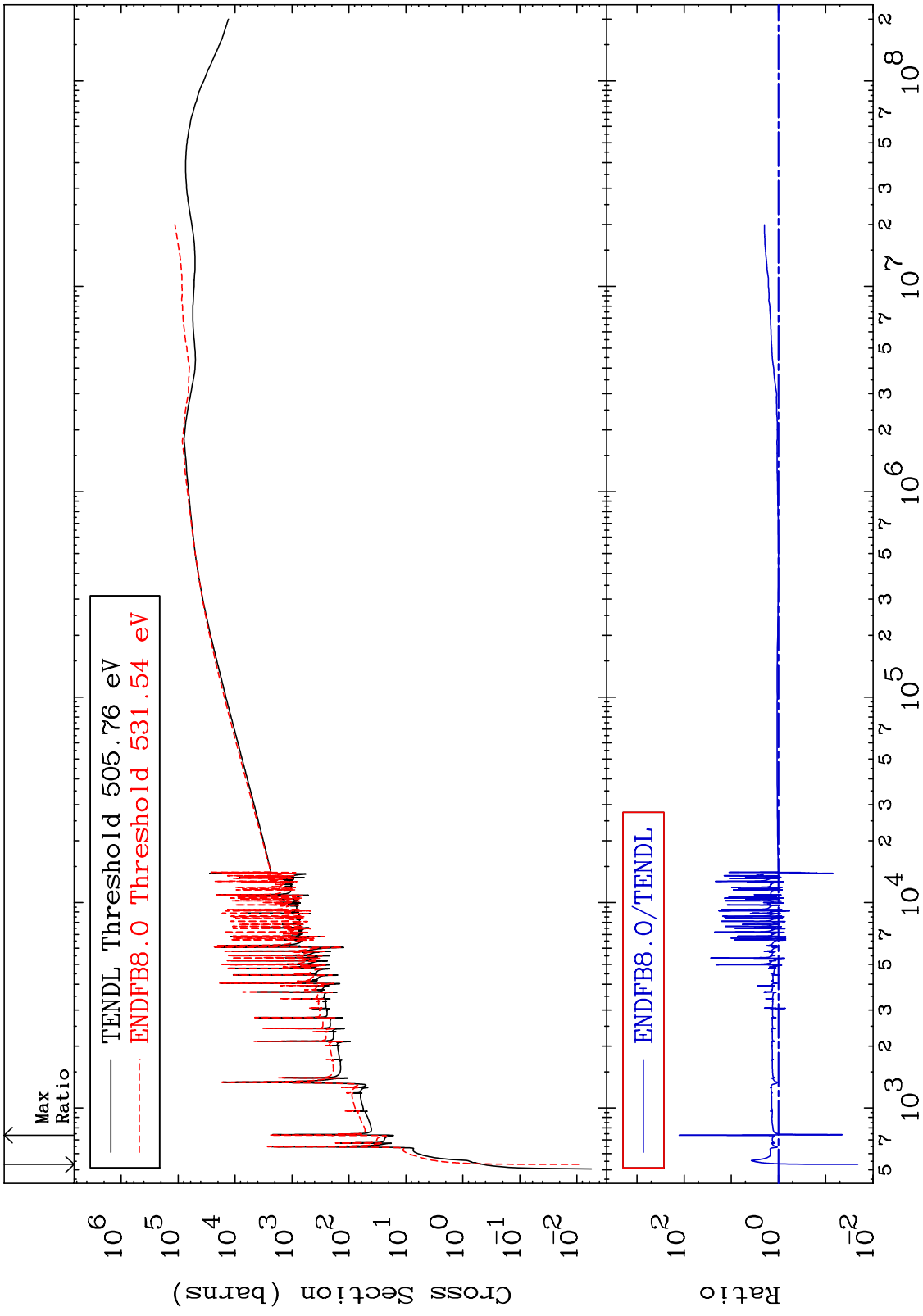


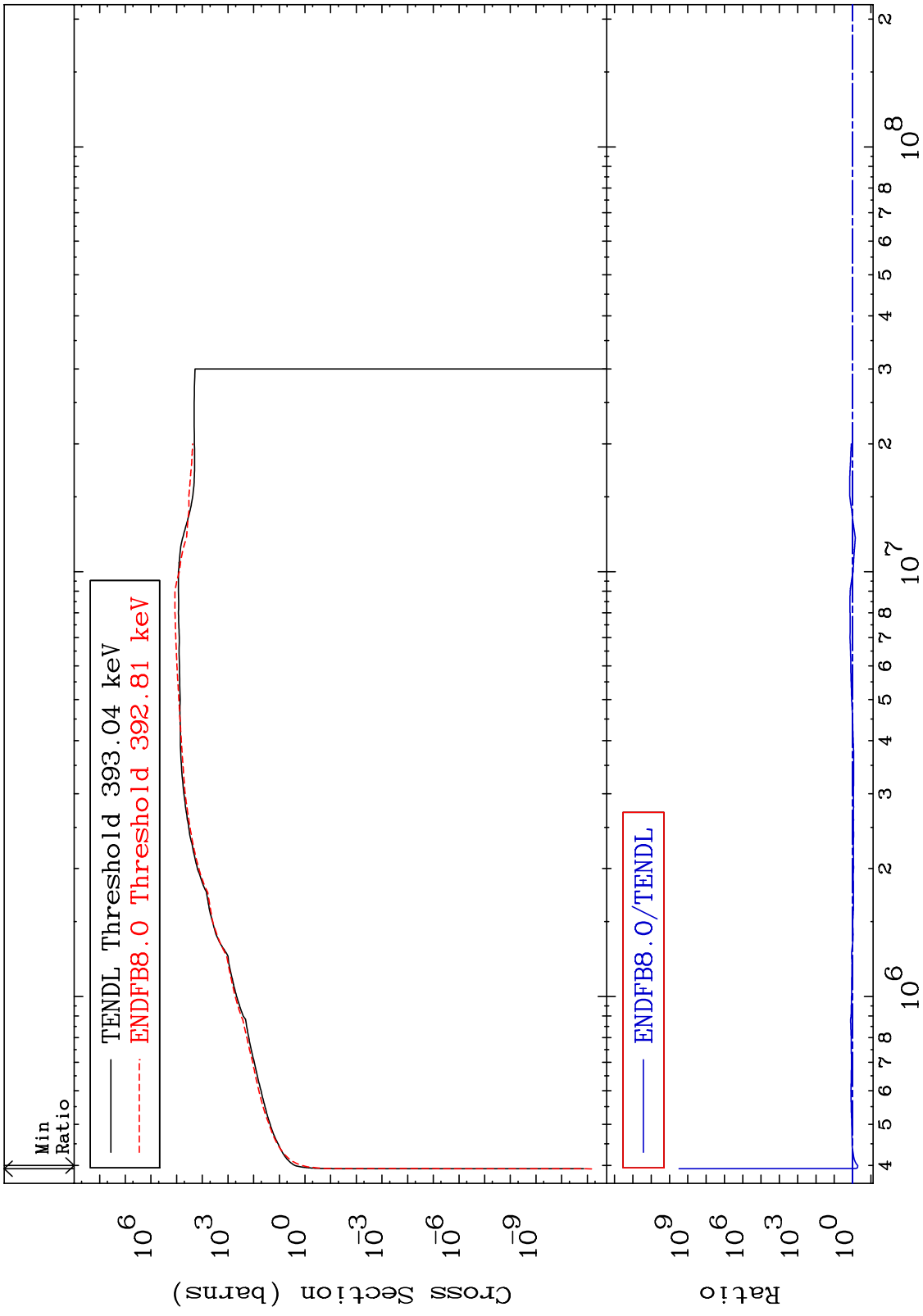
MAT 3834

Dpa total (eV-barns)  
Cross Section

38-Sr-87  
-92.32 To 9999. %







MAT 3834

Dpa disappearance (mt102 -120)  
Cross Section

38-Sr-87  
-98.93 To 9999. %

