

Program Complot  
(Version 2018-1)

by

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(Present Contact Information)

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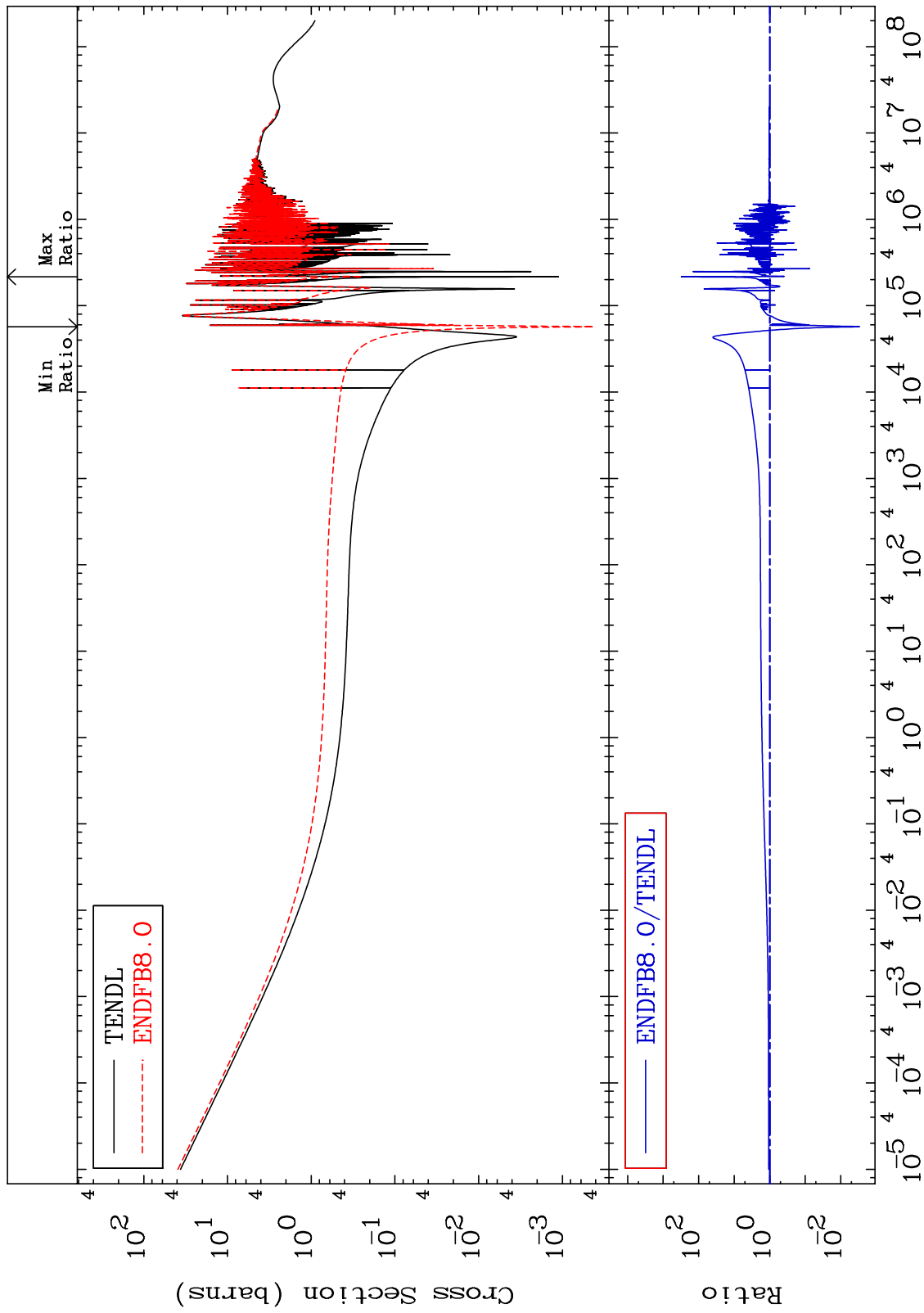
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 1837

Total  
Cross Section

18-Ar-40  
-99.71 To 9999. %



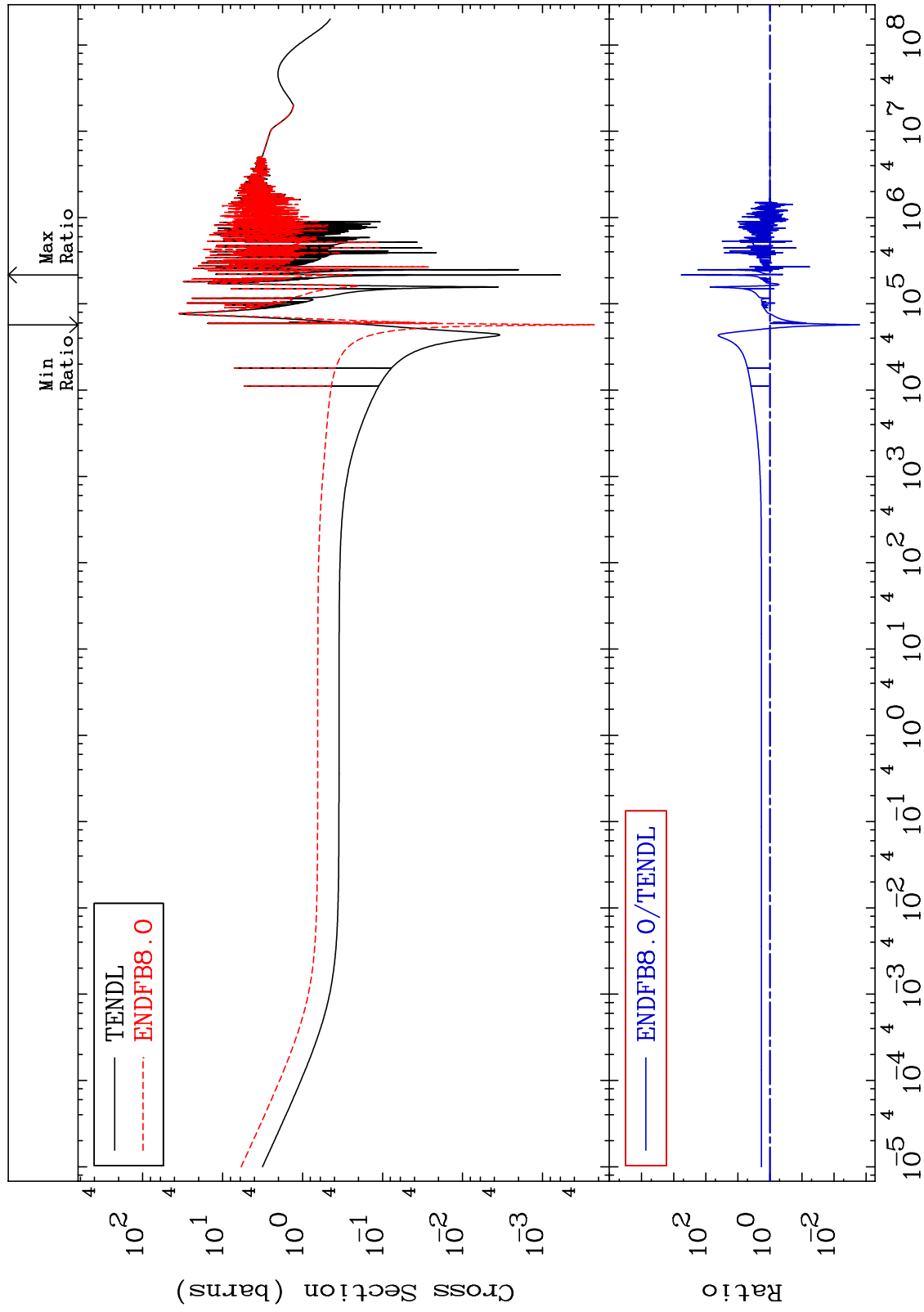
Incident Energy (eV)

18-Ar-40

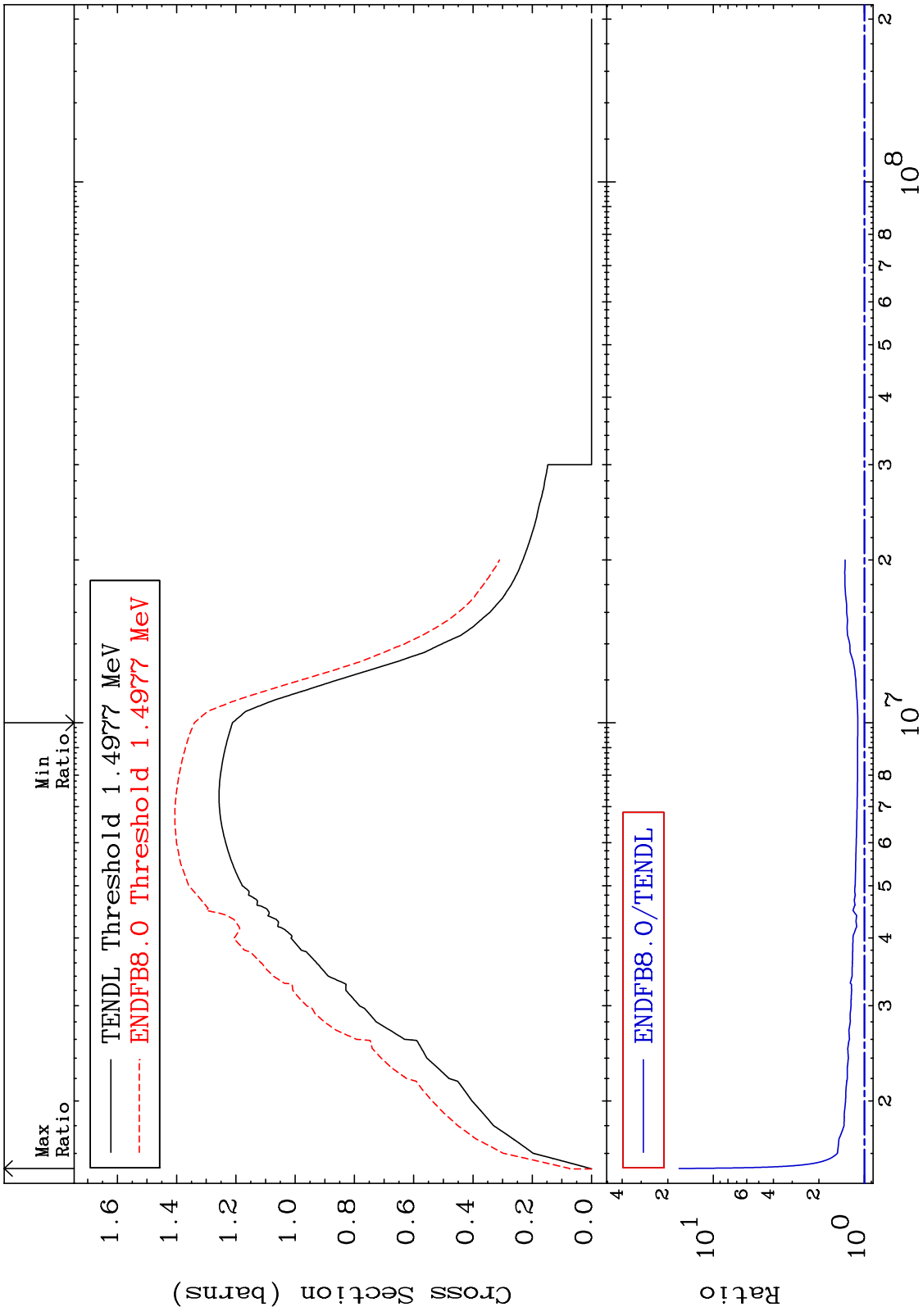
MAT 1837

Elastic  
Cross Section

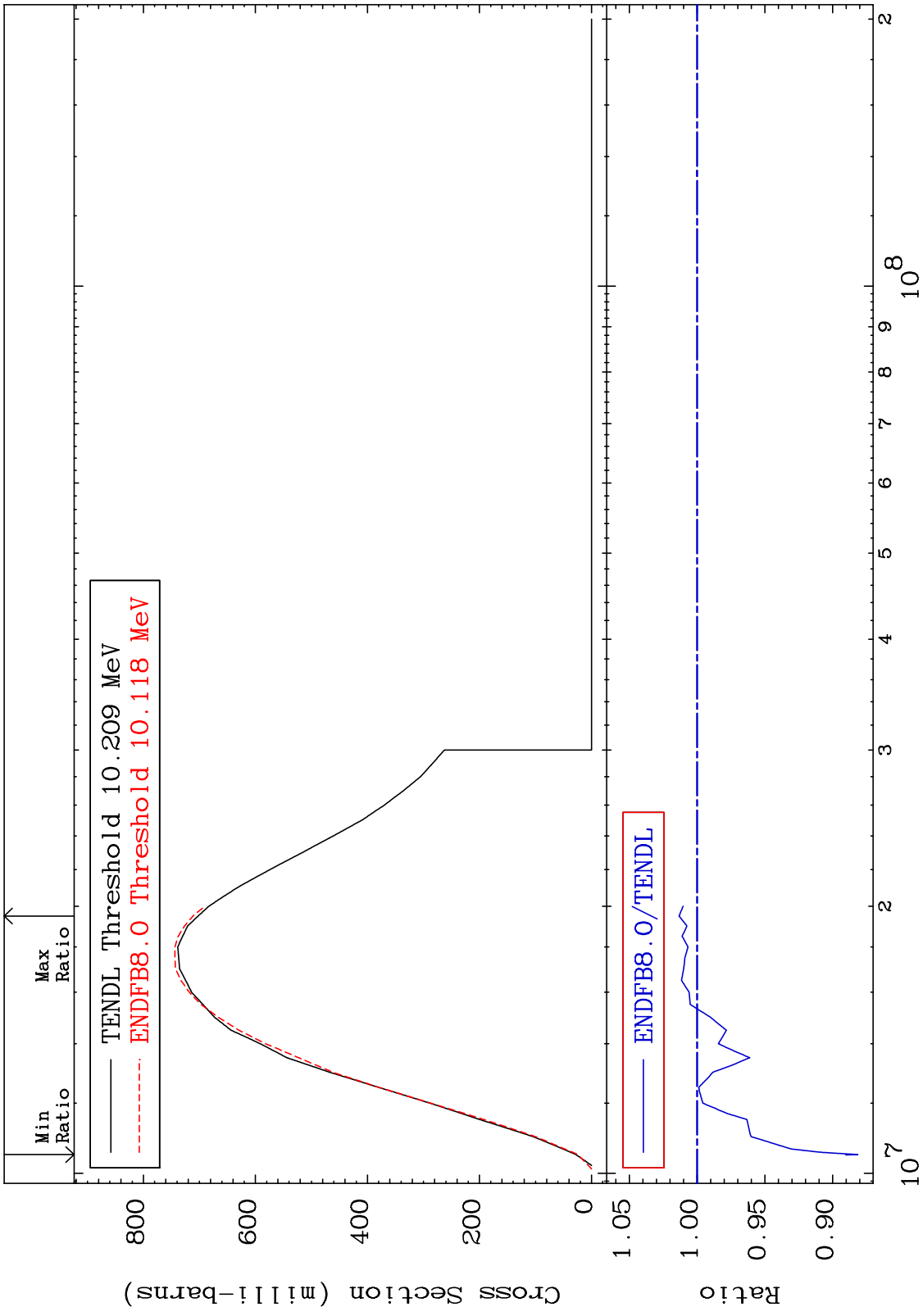
18-Ar-40  
-99.84 To 9999. %



MAT 1837 Inelastic Cross Section 18-Ar-40 To 1583. %

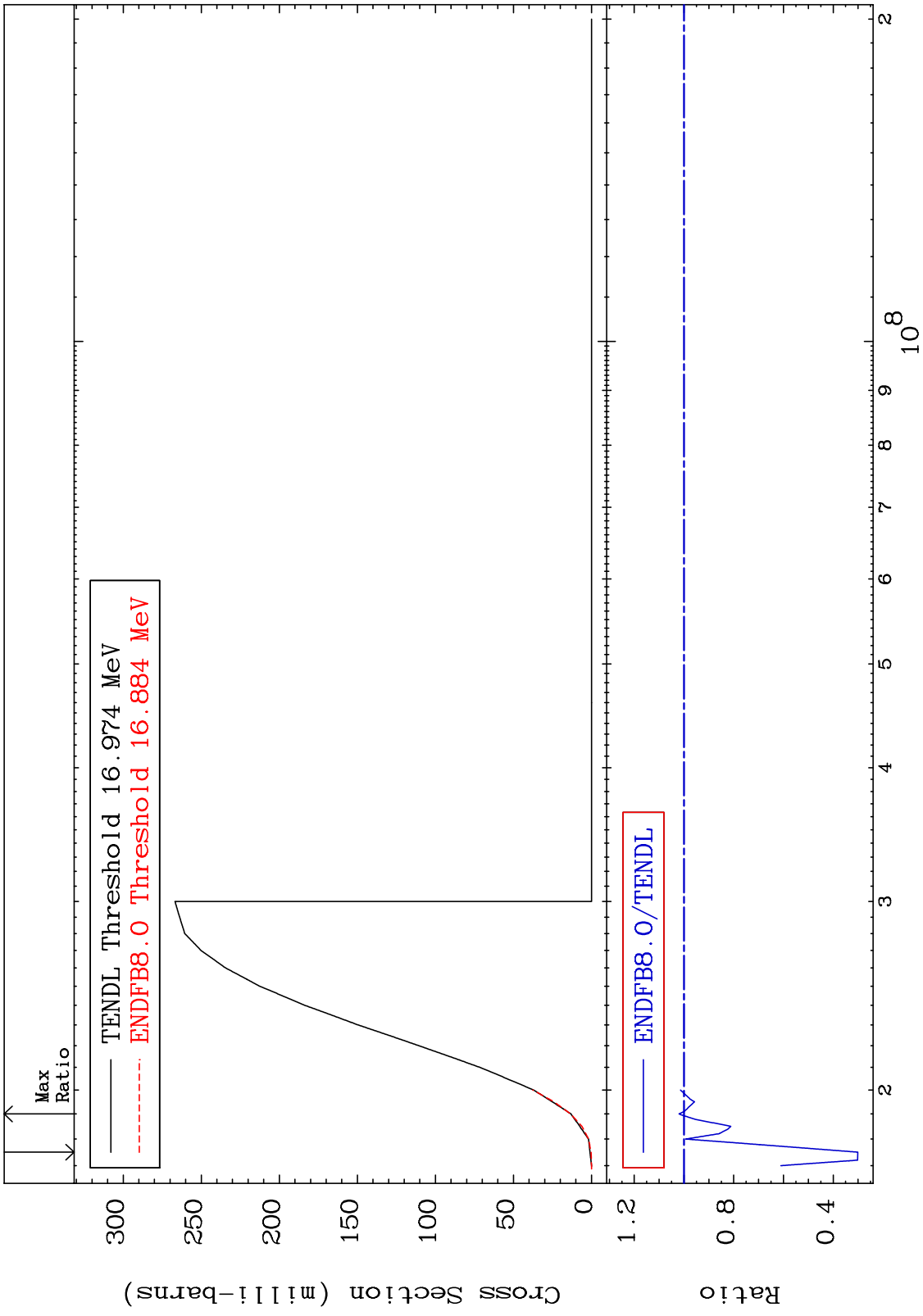


MAT 1837 (n,2n) Cross Section 18-Ar-40  
-11.86 To 1.335 %

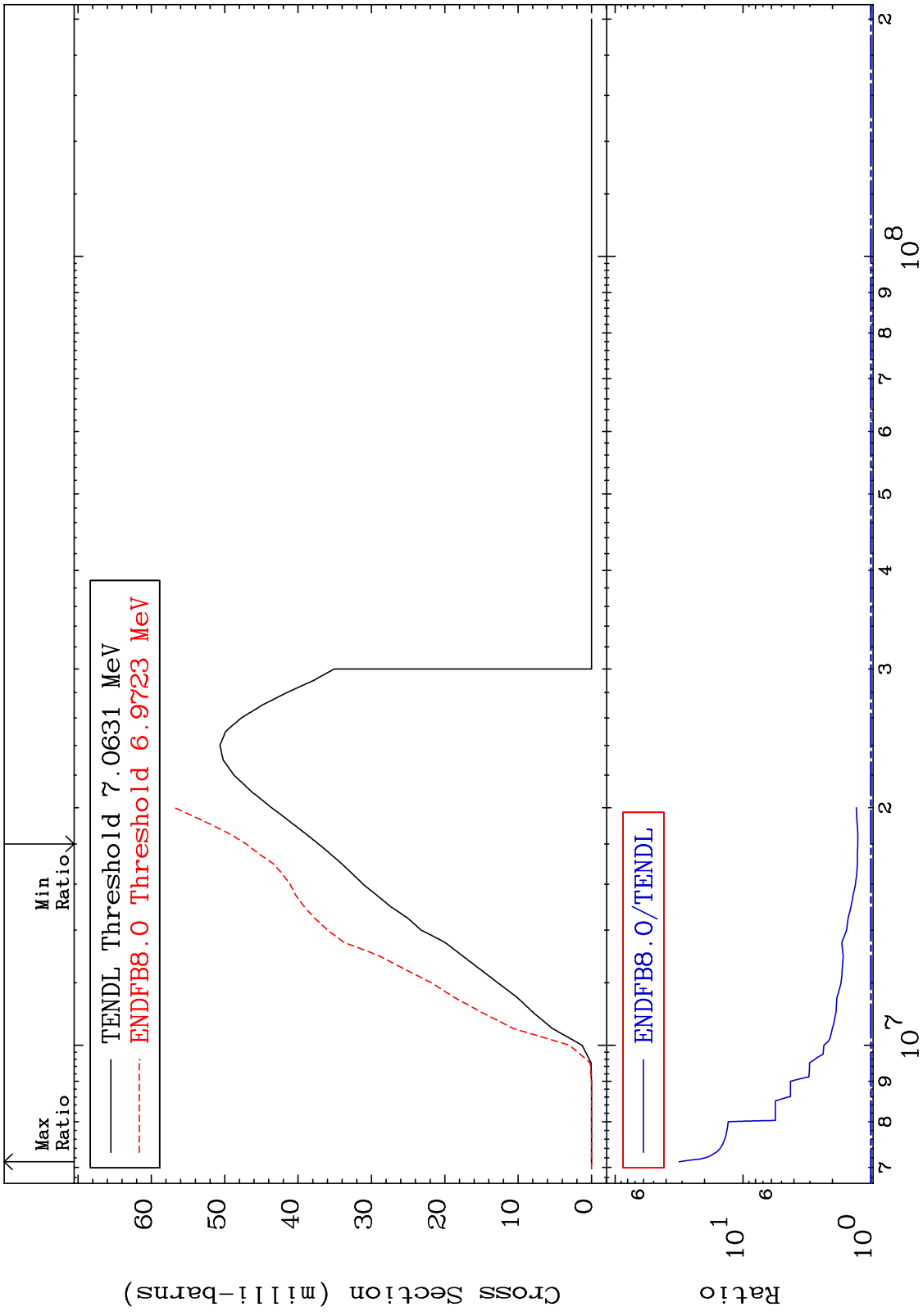


18-Ar-40

MAT 1837 (n,3n) Cross Section 18-Ar-40  
 -69.90 To 1.989 %

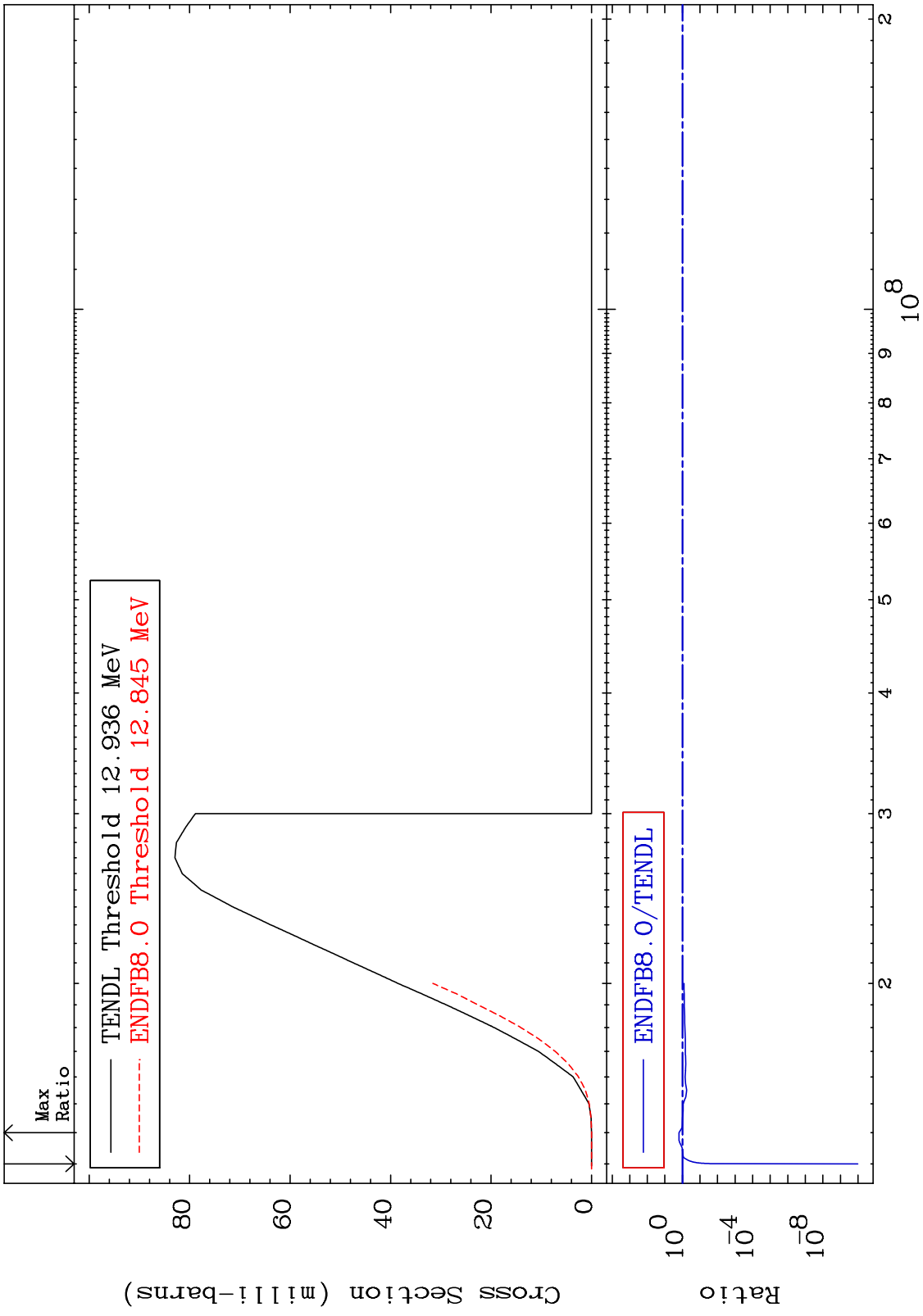


MAT 1837  $(n, n') \alpha$  Cross Section 18-Ar-40 To 3067. %



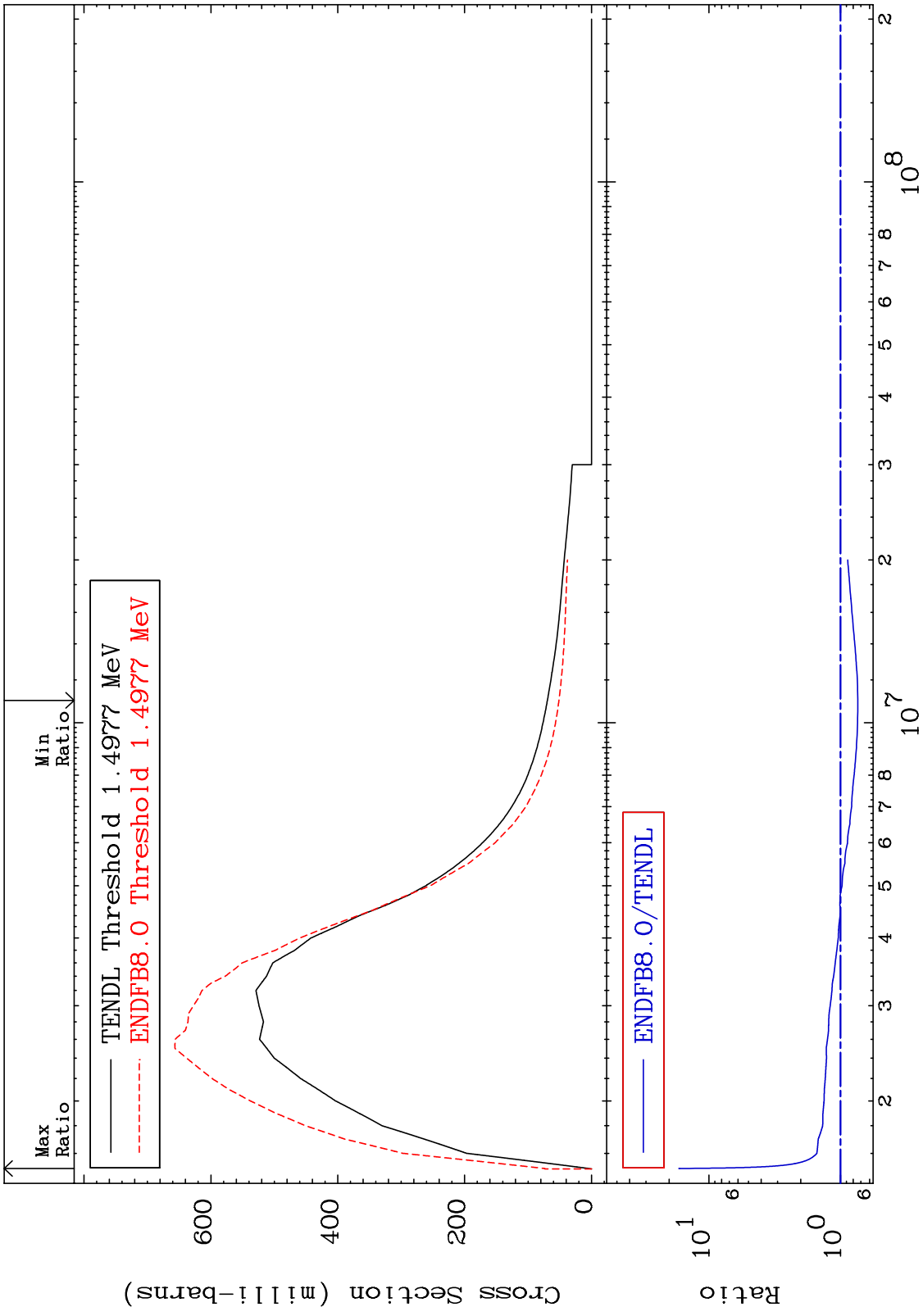
6 Incident Energy (eV) 18-Ar-40

MAT 1837 (n,n') p 18-Ar-40  
 Cross Section -100.0 To 55.71 %

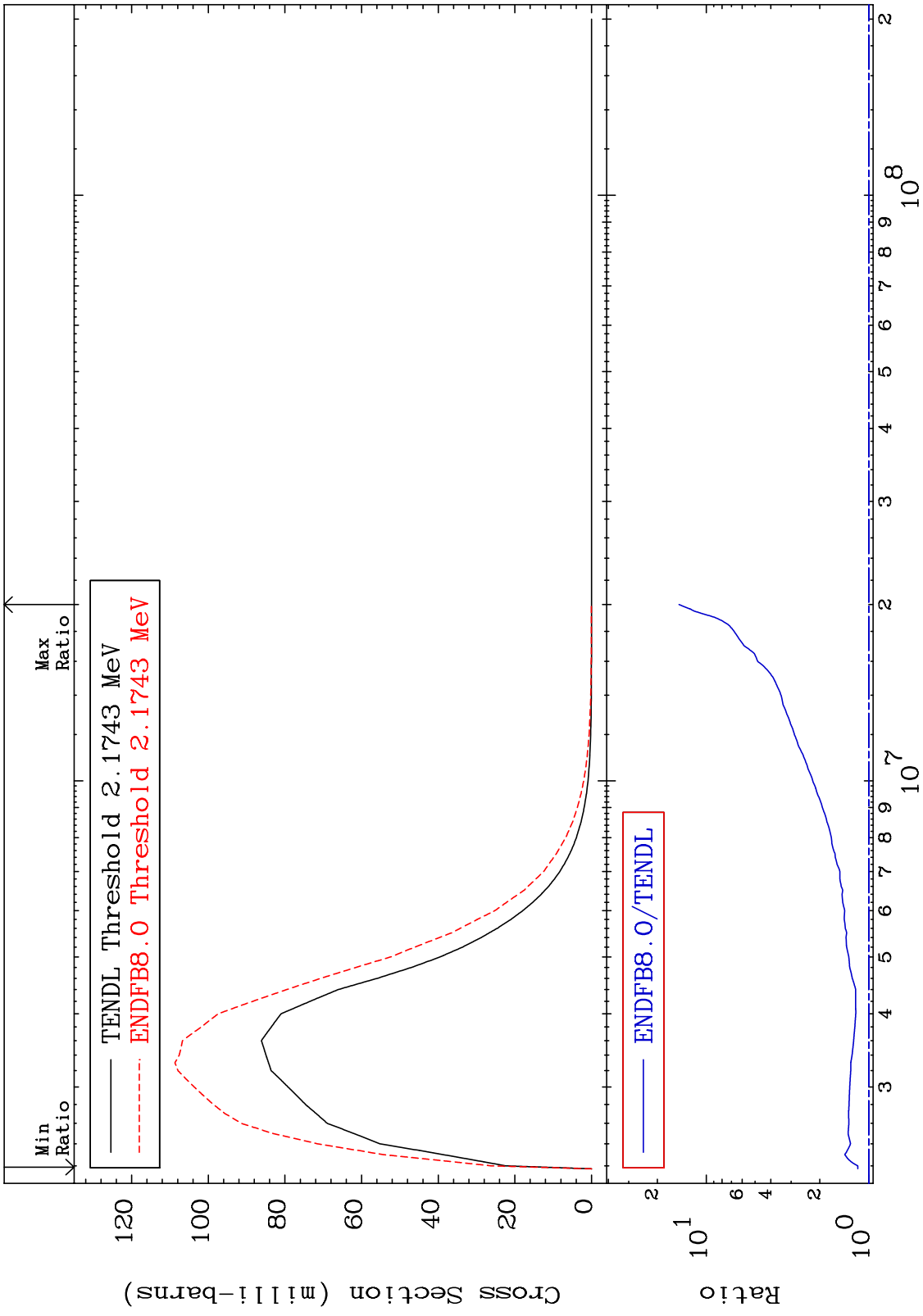




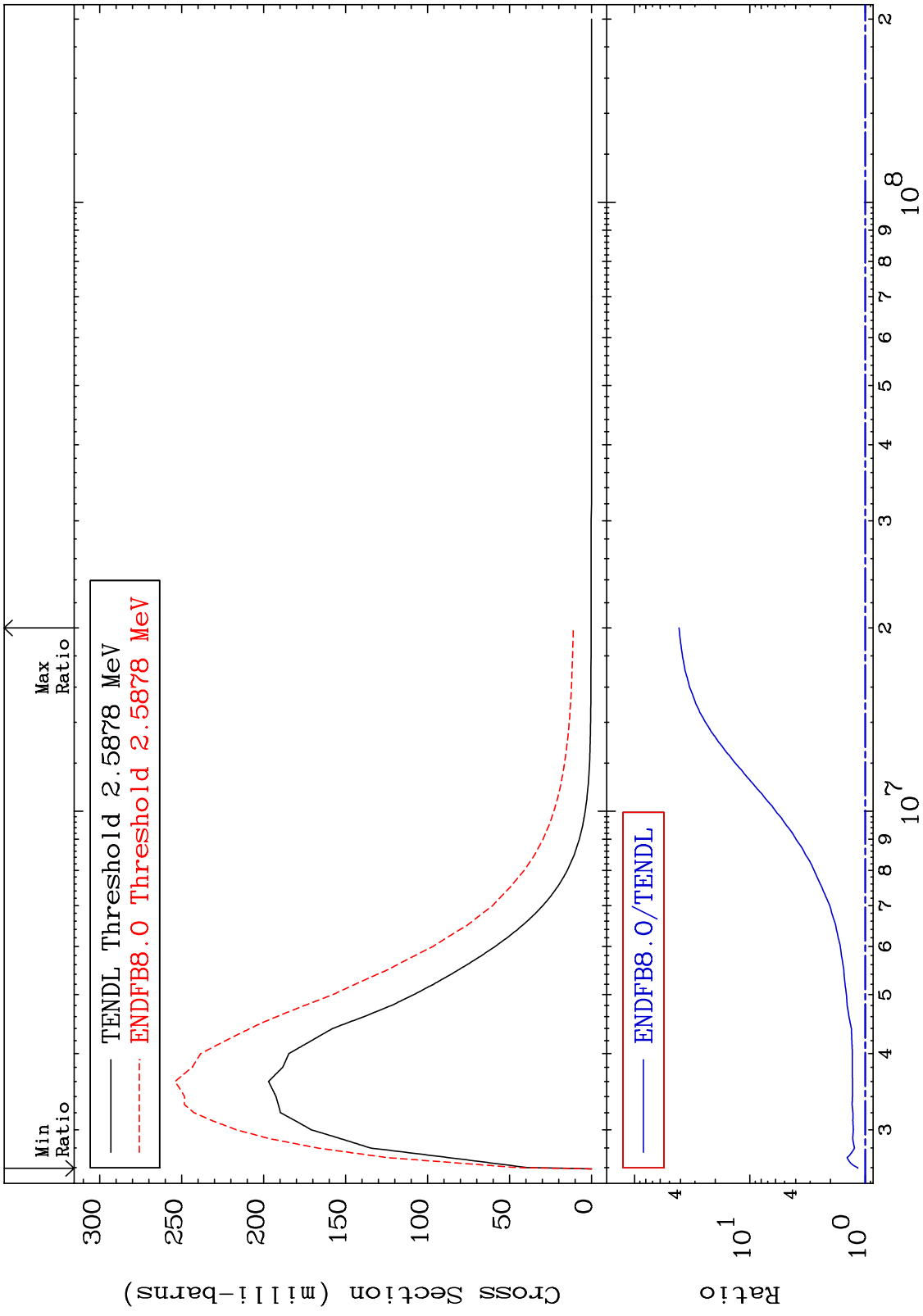
MAT 1837 MT= 51 (n,n') Level Cross Section 18-Ar-40 -26.21 To 1583. %



MAT 1837 MT= 52 (n,n') Level Cross Section 18-Ar-40 16.73 To 1369. %

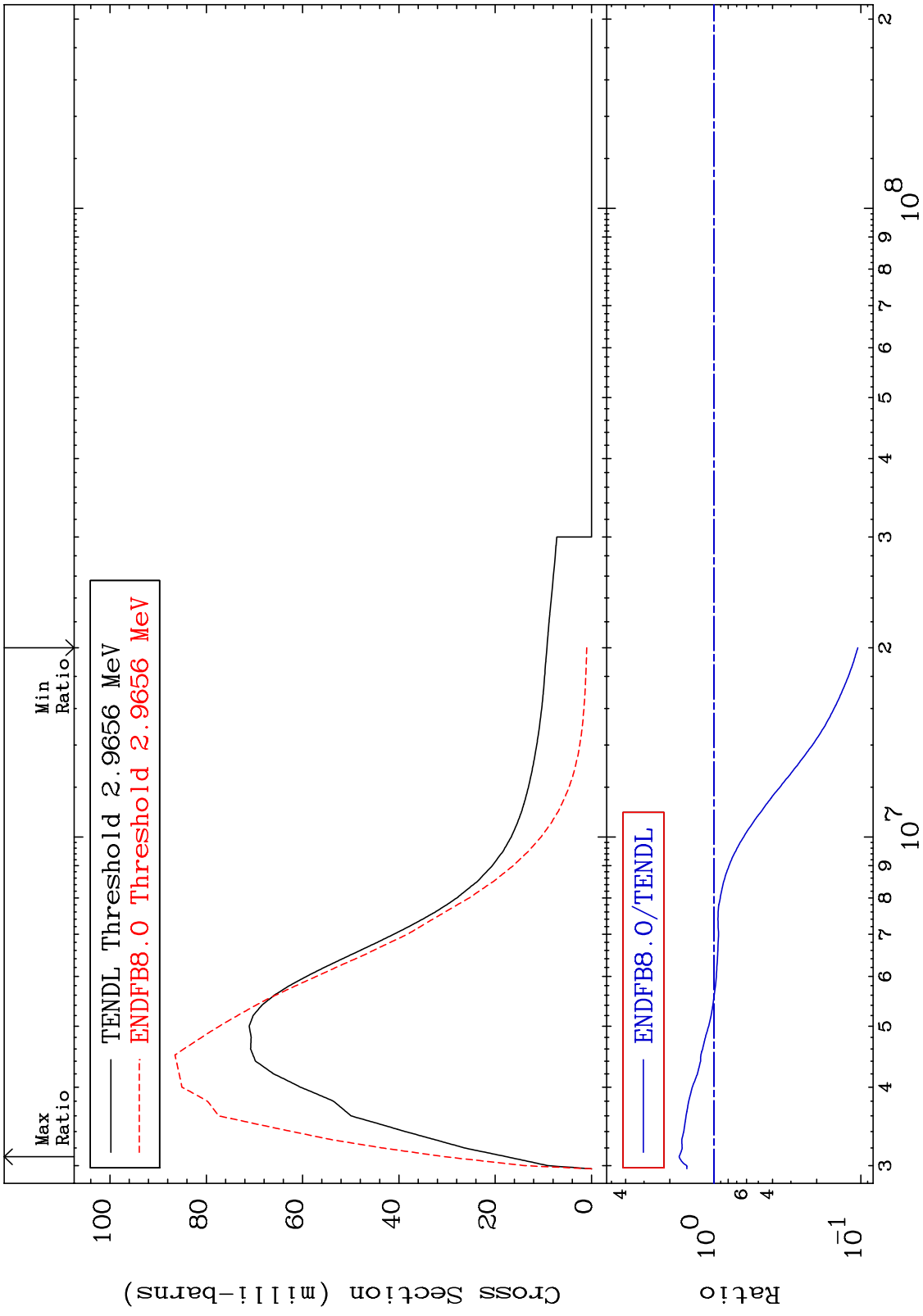


MAT 1837 MT= 53 (n,n') Level Cross Section 15.86 To 4017. % 18-Ar-40

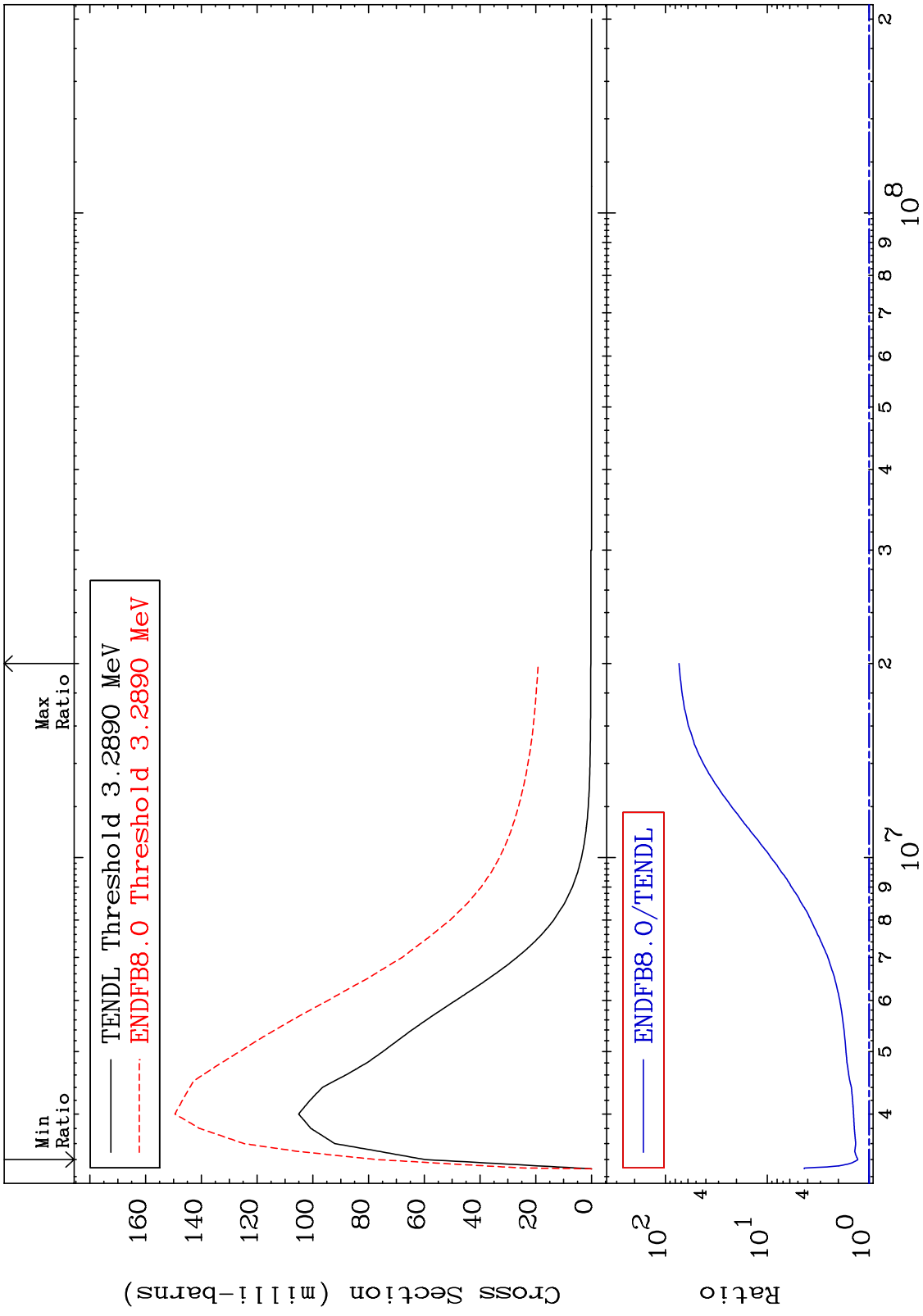


10 Incident Energy (eV) 18-Ar-40

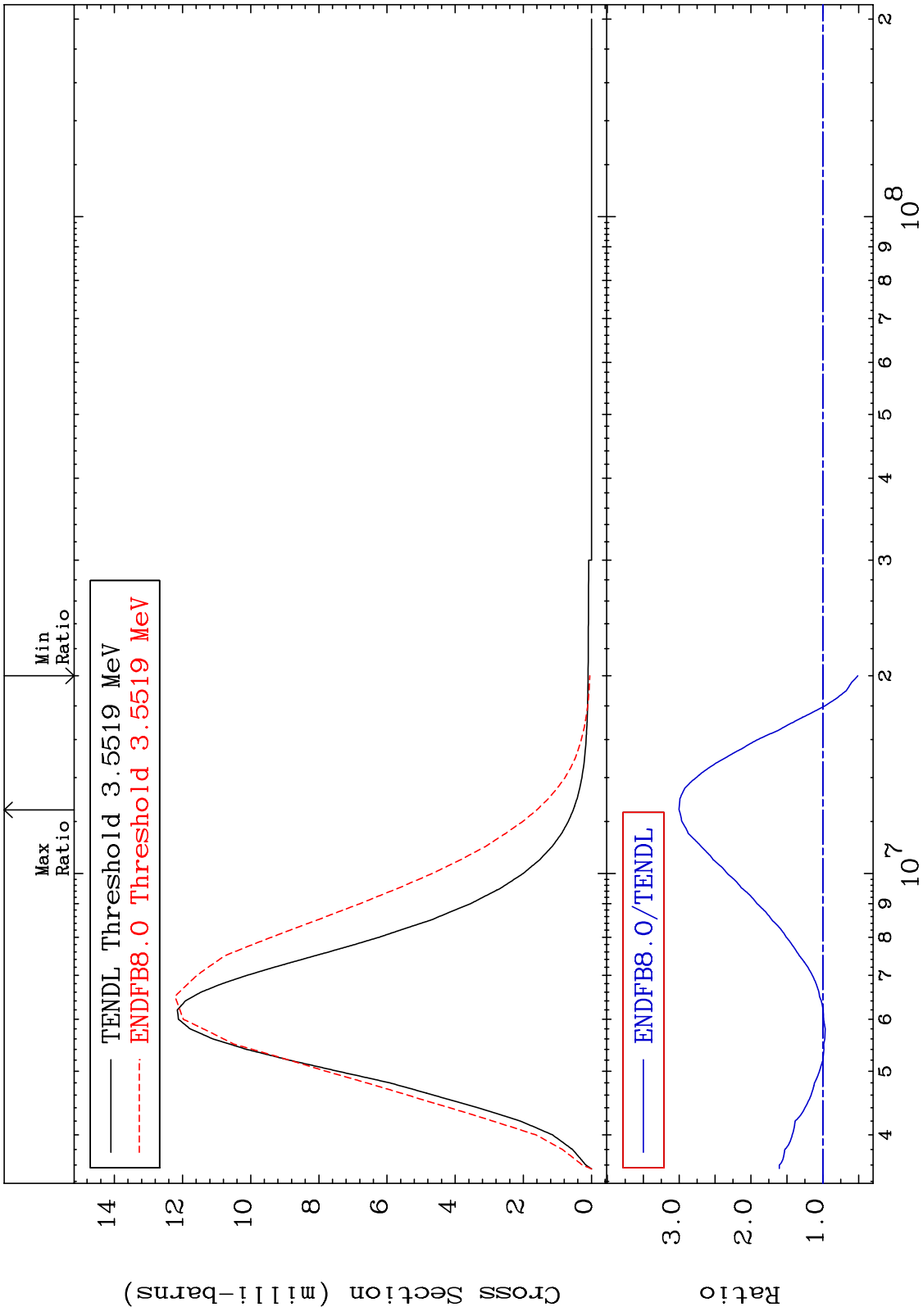
MAT 1837 MT= 54 (n,n') Level Cross Section 18-Ar-40 -89.50 To 73.01 %



MAT 1837 MT= 55 (n,n') Level Cross Section 18-Ar-40 29.01 To 7234. %

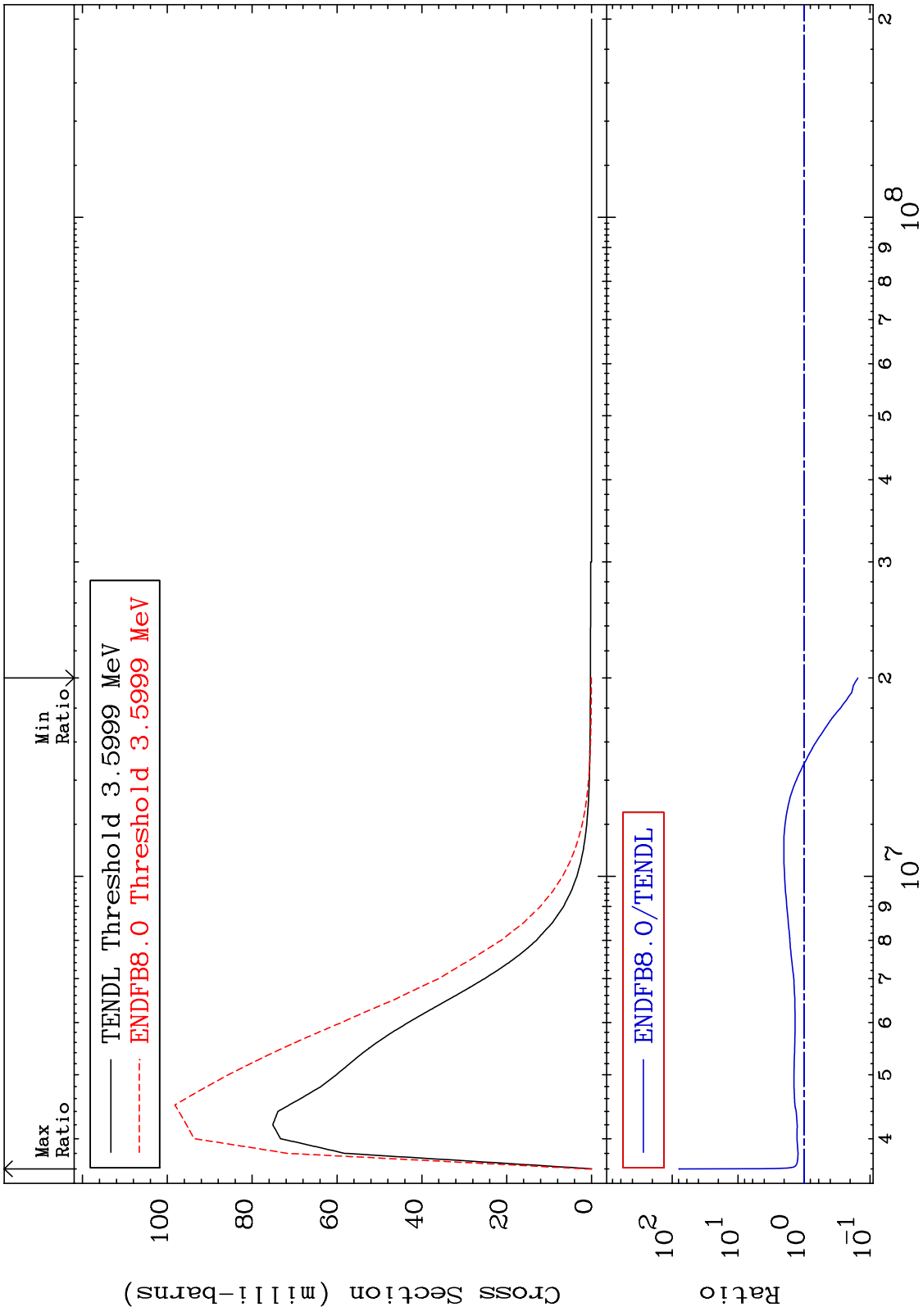


MAT 1837      MT= 56 (n,n') Level      18-Ar-40  
 Cross Section      -48.81 To 200.2 %



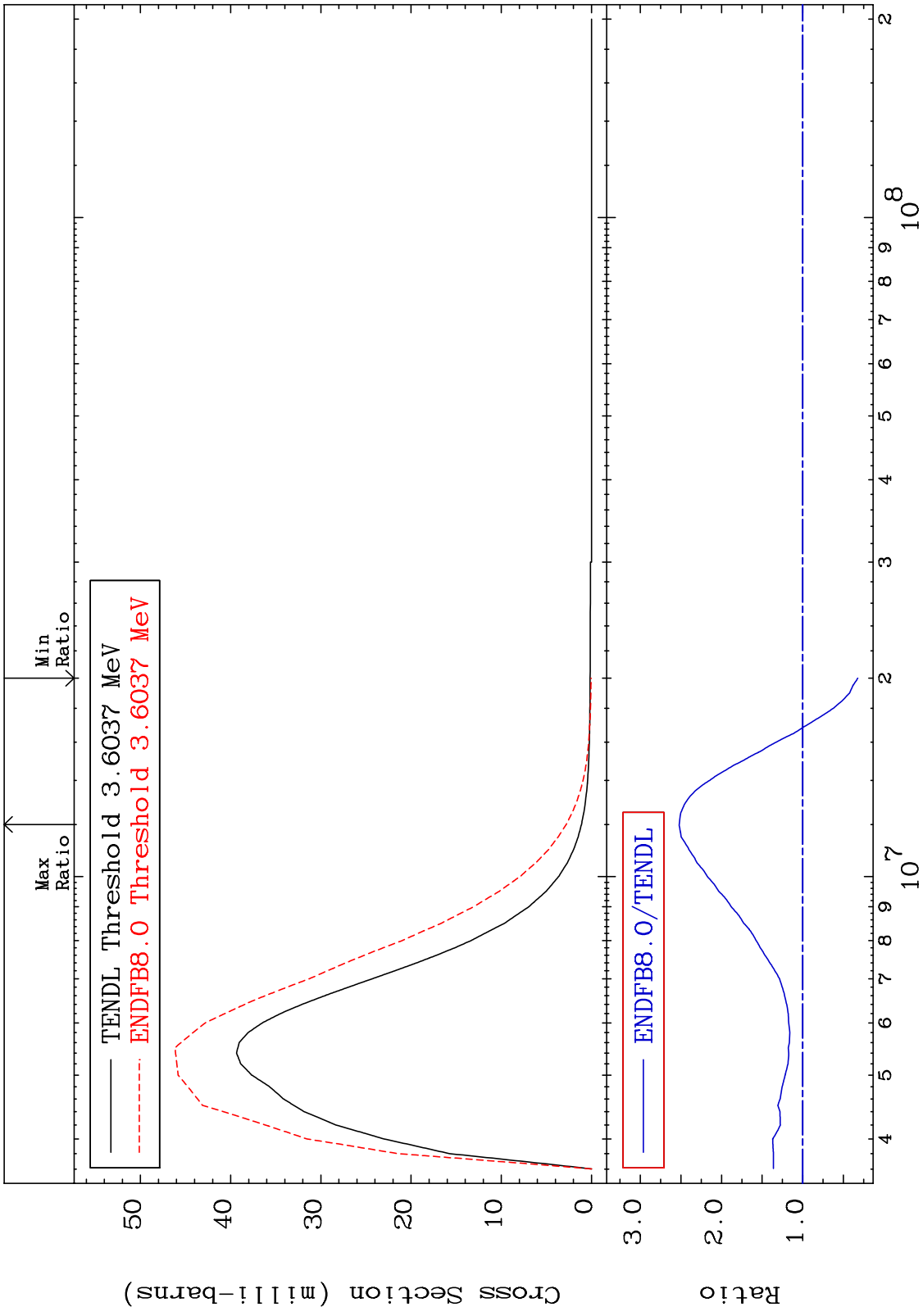
13      18-Ar-40

MAT 1837 MT= 57 (n,n') Level Cross Section 18-Ar-40  
 -84.72 To 7755. %



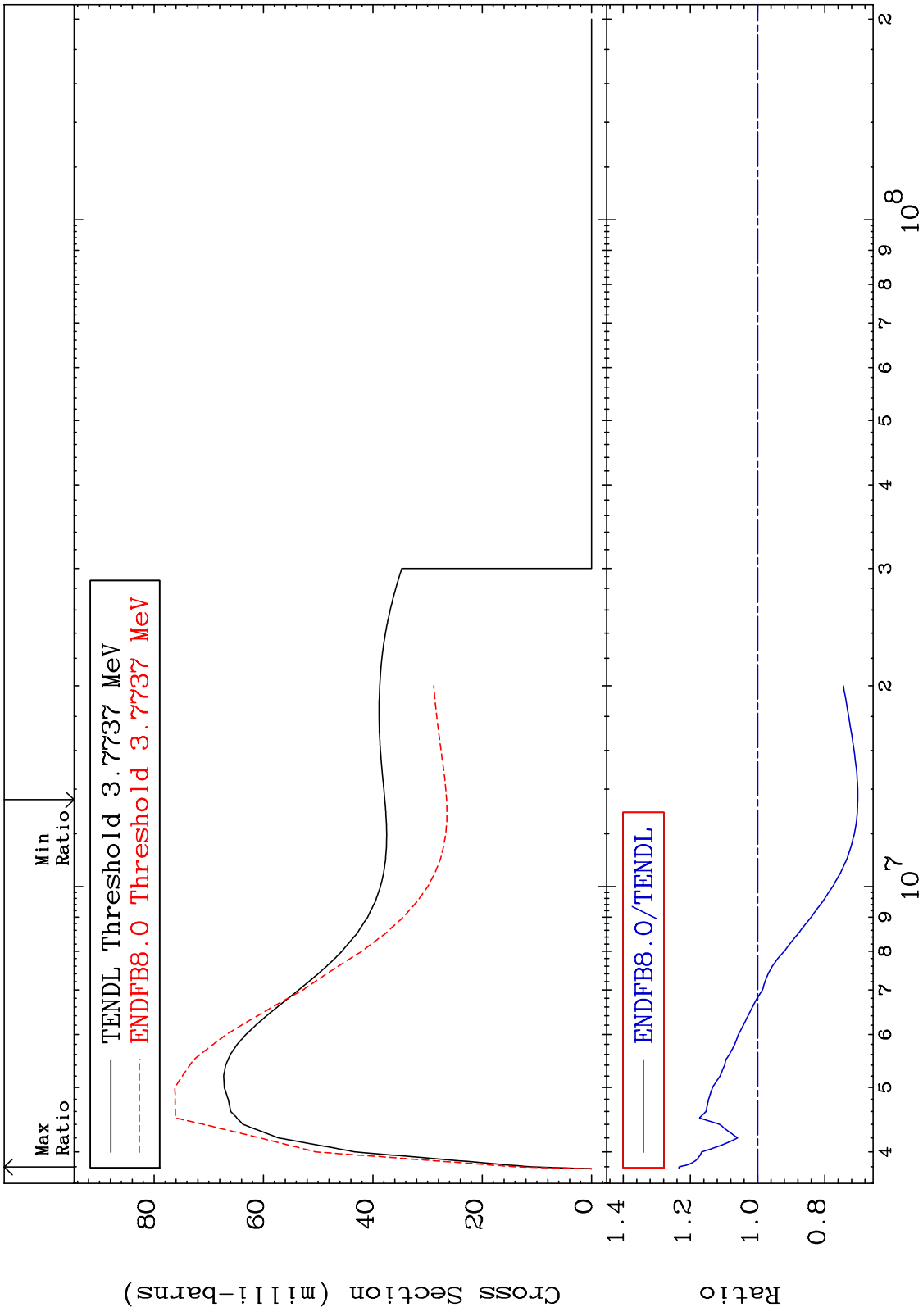
14 18-Ar-40

MAT 1837 MT= 58 (n,n') Level Cross Section -67.82 To 152.3 % 18-Ar-40





MAT 1837 MT= 59 (n,n') Level Cross Section 18-Ar-40  
 -29.86 To 23.39 %

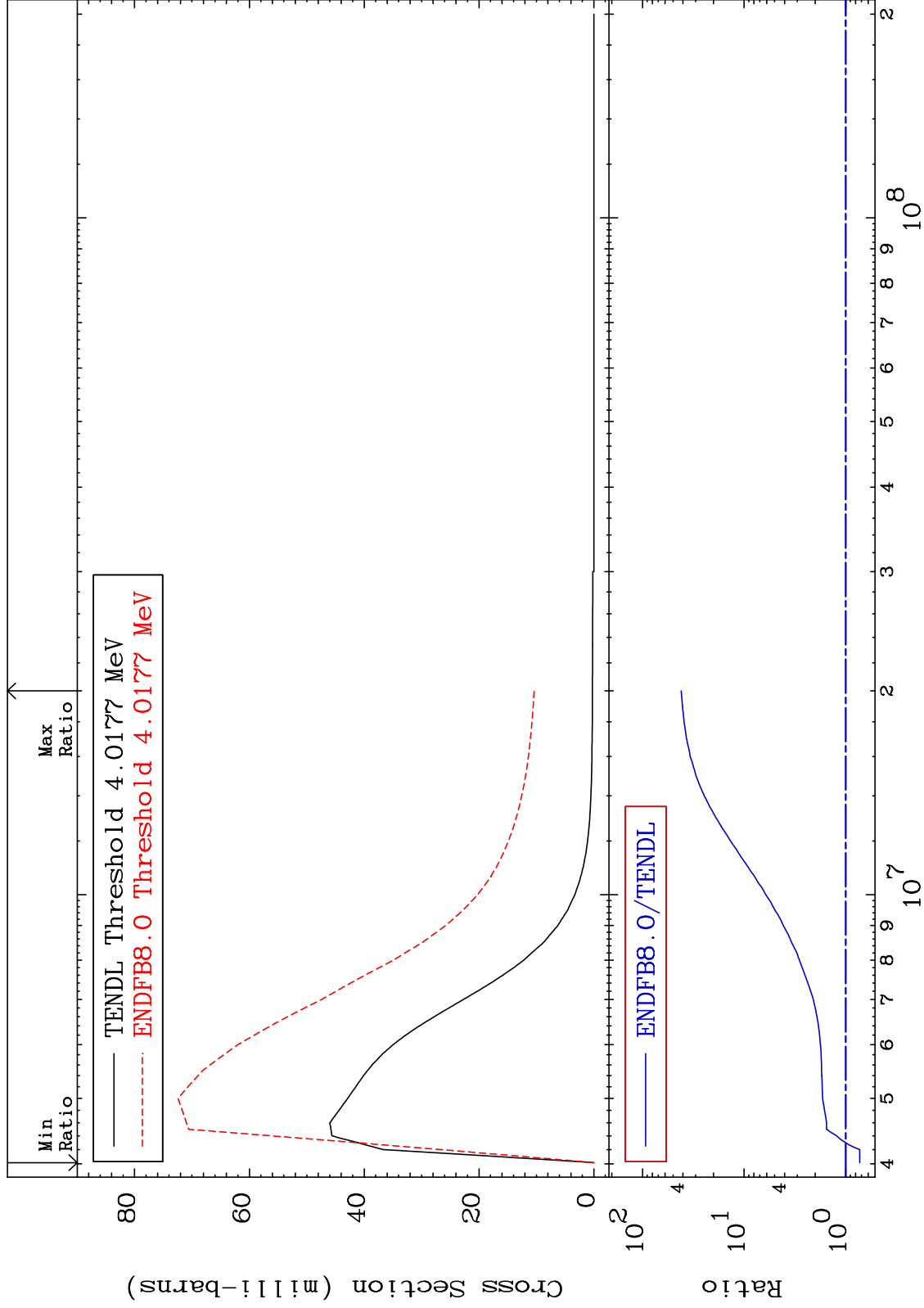


16 18-Ar-40

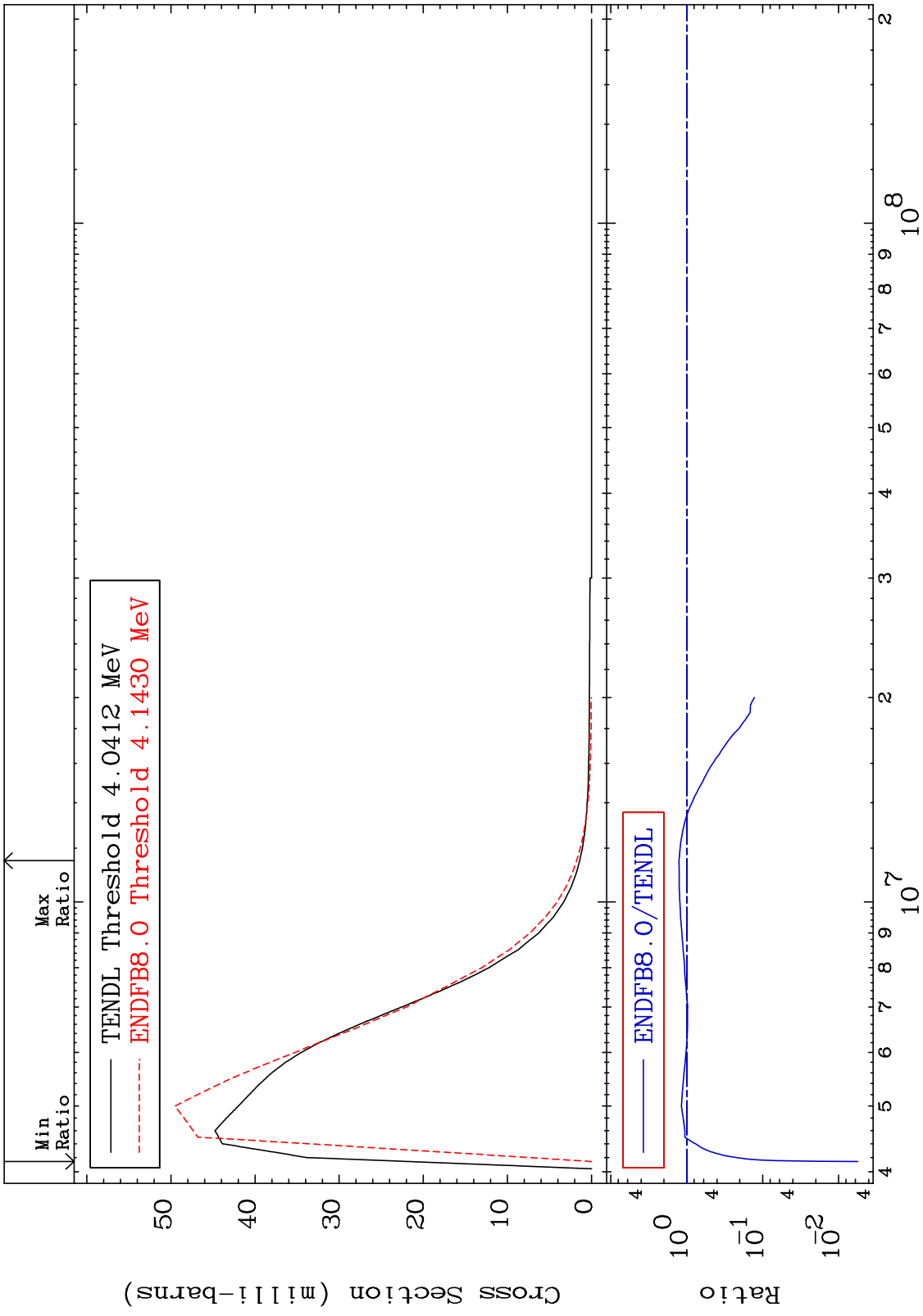
MAT 1837

MT= 60 (n,n') Level  
Cross Section

18-Ar-40  
-27.27 To 4053. %



MAT 1837 MT= 61 (n,n') Level Cross Section 18-Ar-40  
 -99.44 To 26.40 %

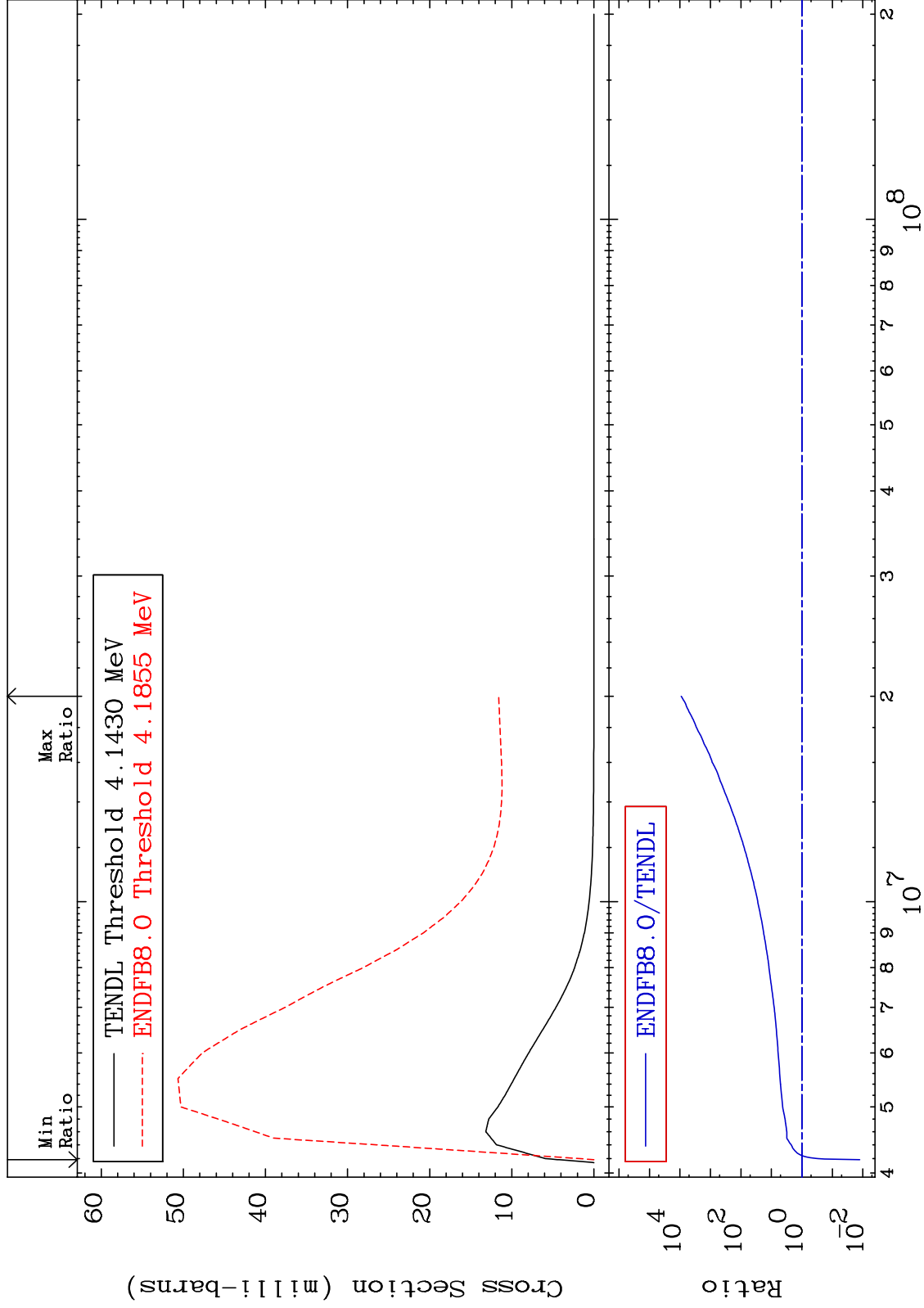


18 Incident Energy (eV) 18-Ar-40

MAT 1837

MT= 62 (n,n') Level  
Cross Section

18-Ar-40  
-98.74 To 9999. %



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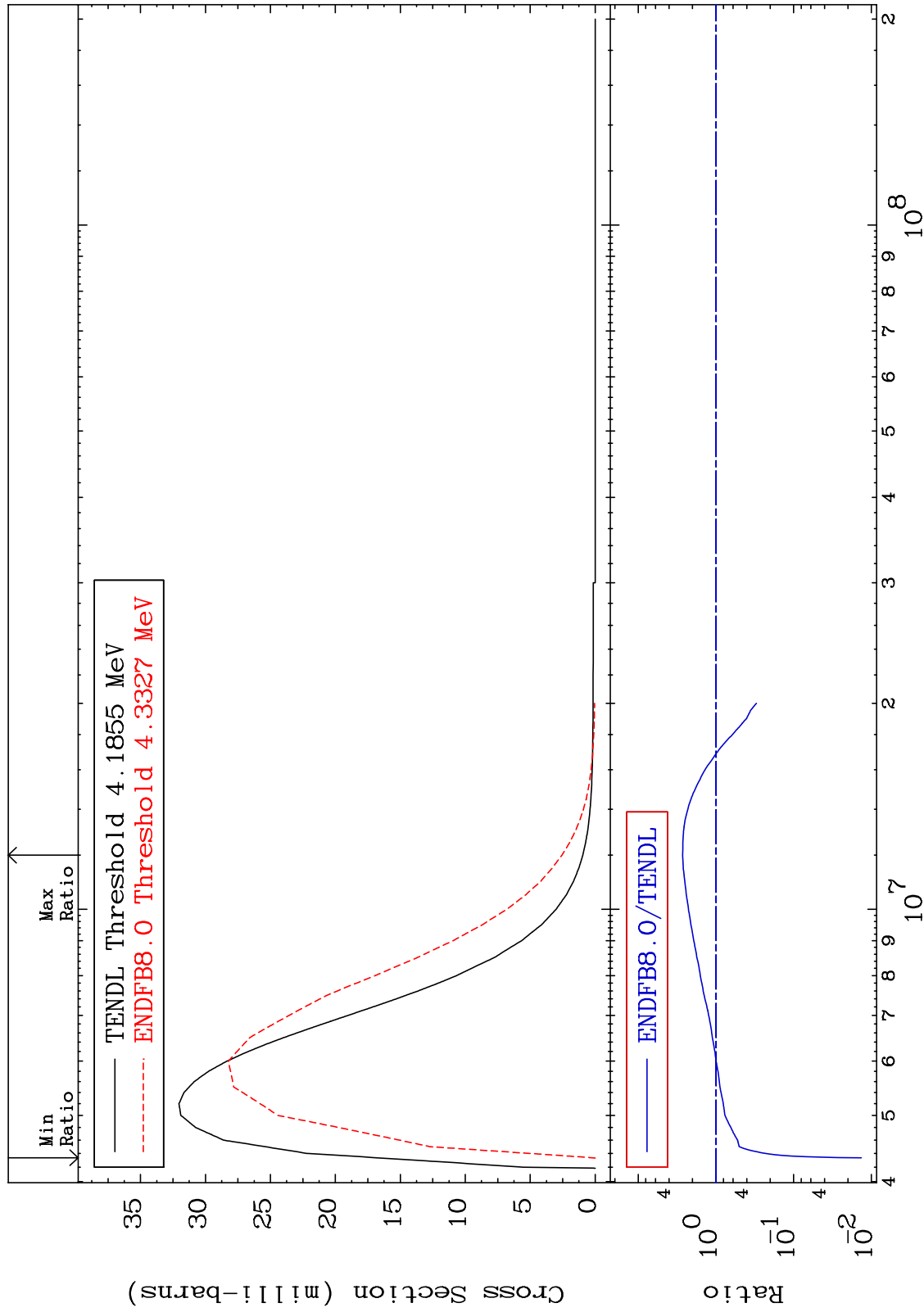
Incident Energy (eV)

18-Ar-40

MAT 1837

MT= 63 (n,n') Level  
Cross Section

18-Ar-40  
-98.66 To 167.9 %



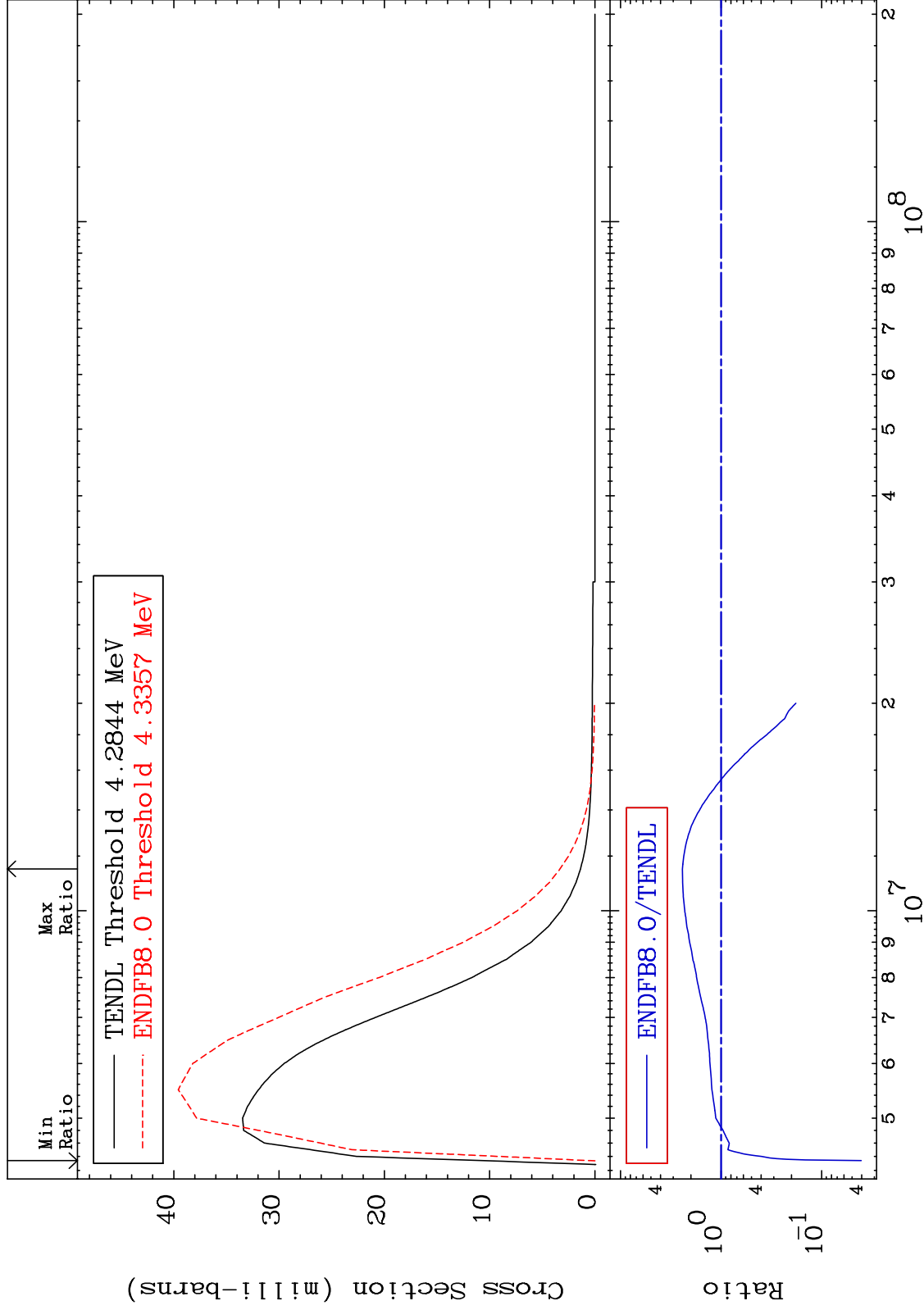
20

18-Ar-40

MAT 1837

MT= 64 (n,n') Level  
Cross Section

18-Ar-40  
-95.96 To 142.6 %

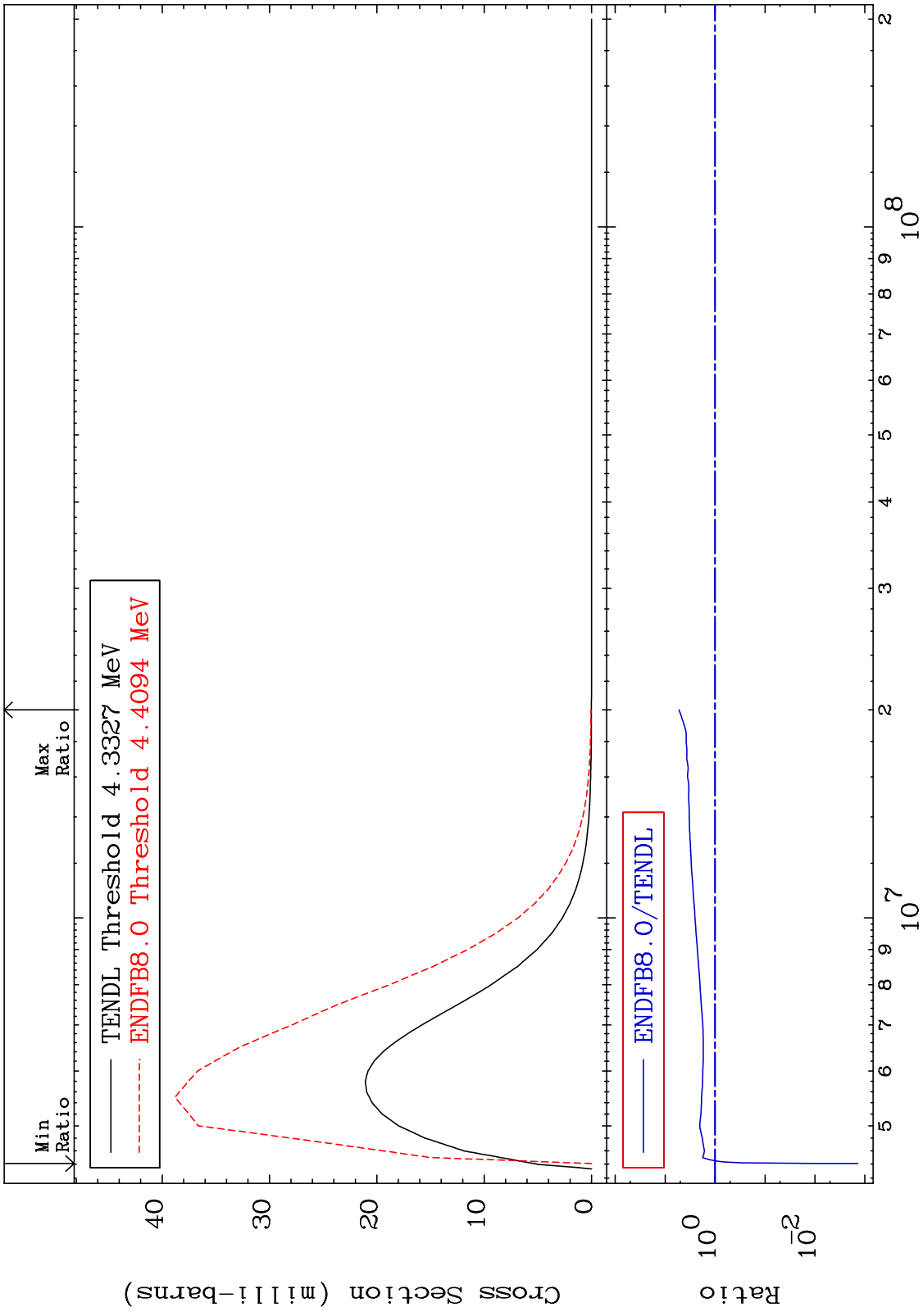


21

Incident Energy (eV)

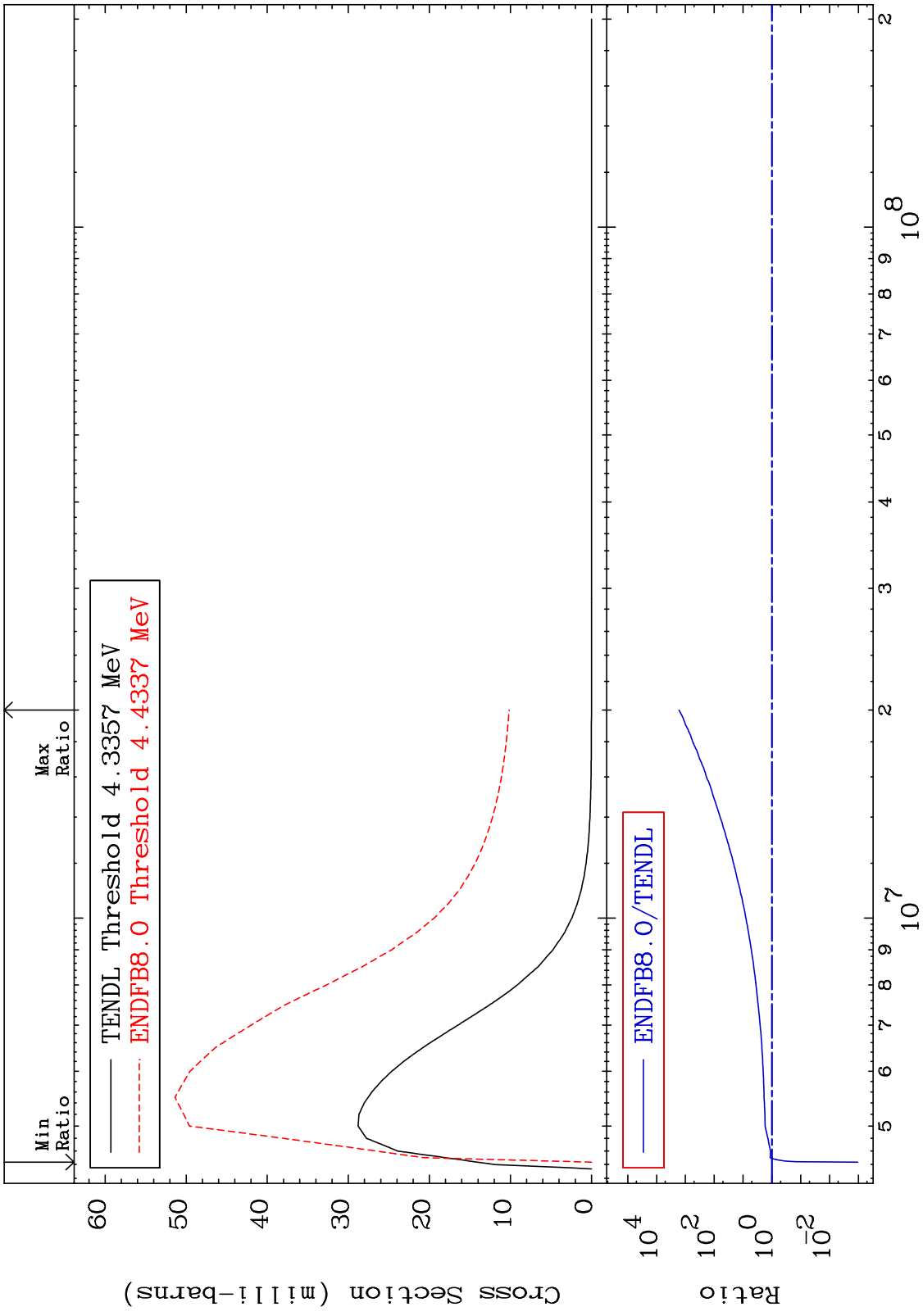
18-Ar-40

MAT 1837 MT= 65 (n,n') Level Cross Section 18-Ar-40  
 -99.86 To 427.1 %



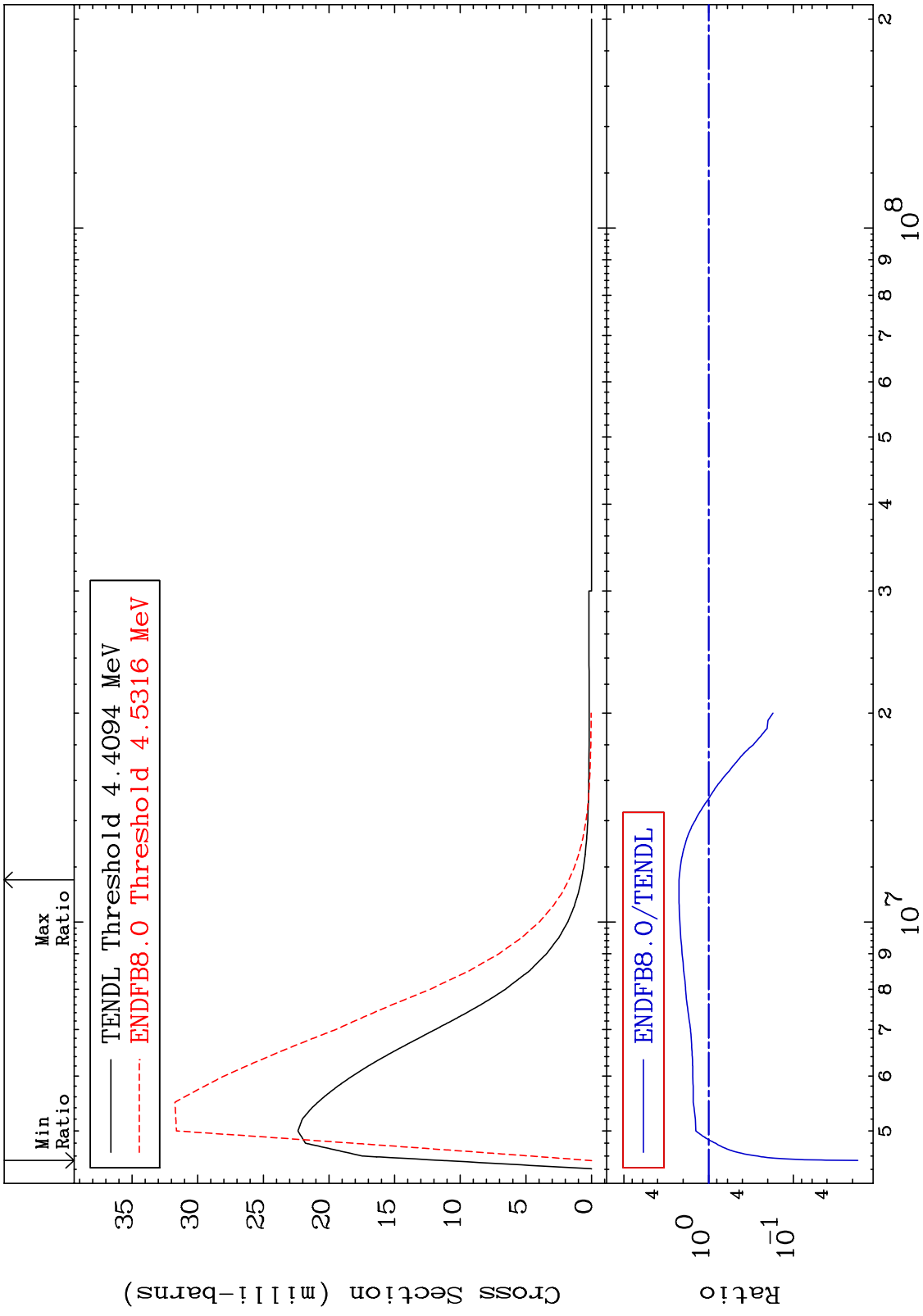
22 18-Ar-40 Incident Energy (eV)

MAT 1837 MT= 66 (n,n') Level Cross Section 18-Ar-40  
 -99.90 To 9999. %





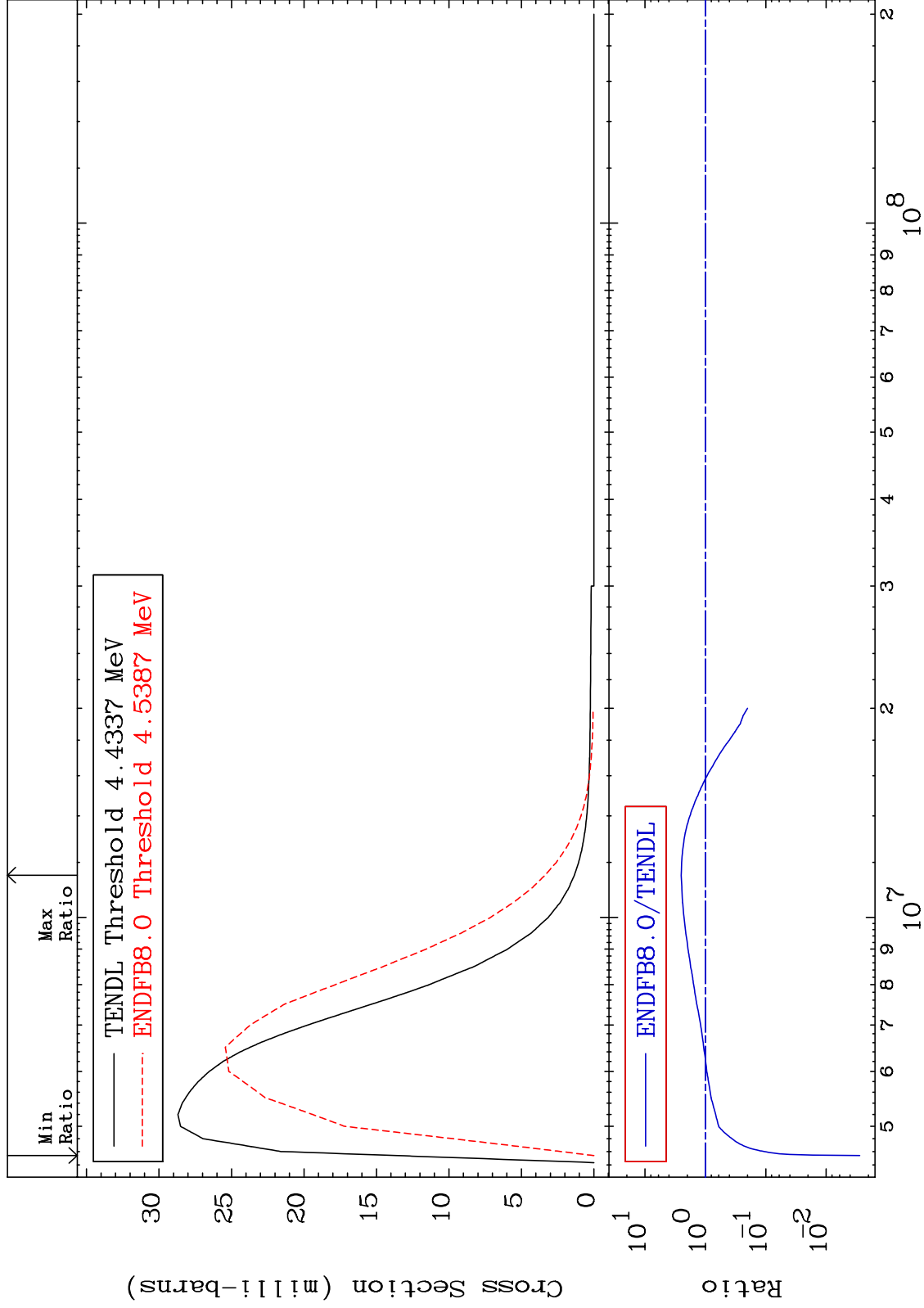
MAT 1837 MT= 67 (n,n') Level Cross Section 18-Ar-40  
 -98.27 To 123.6 %

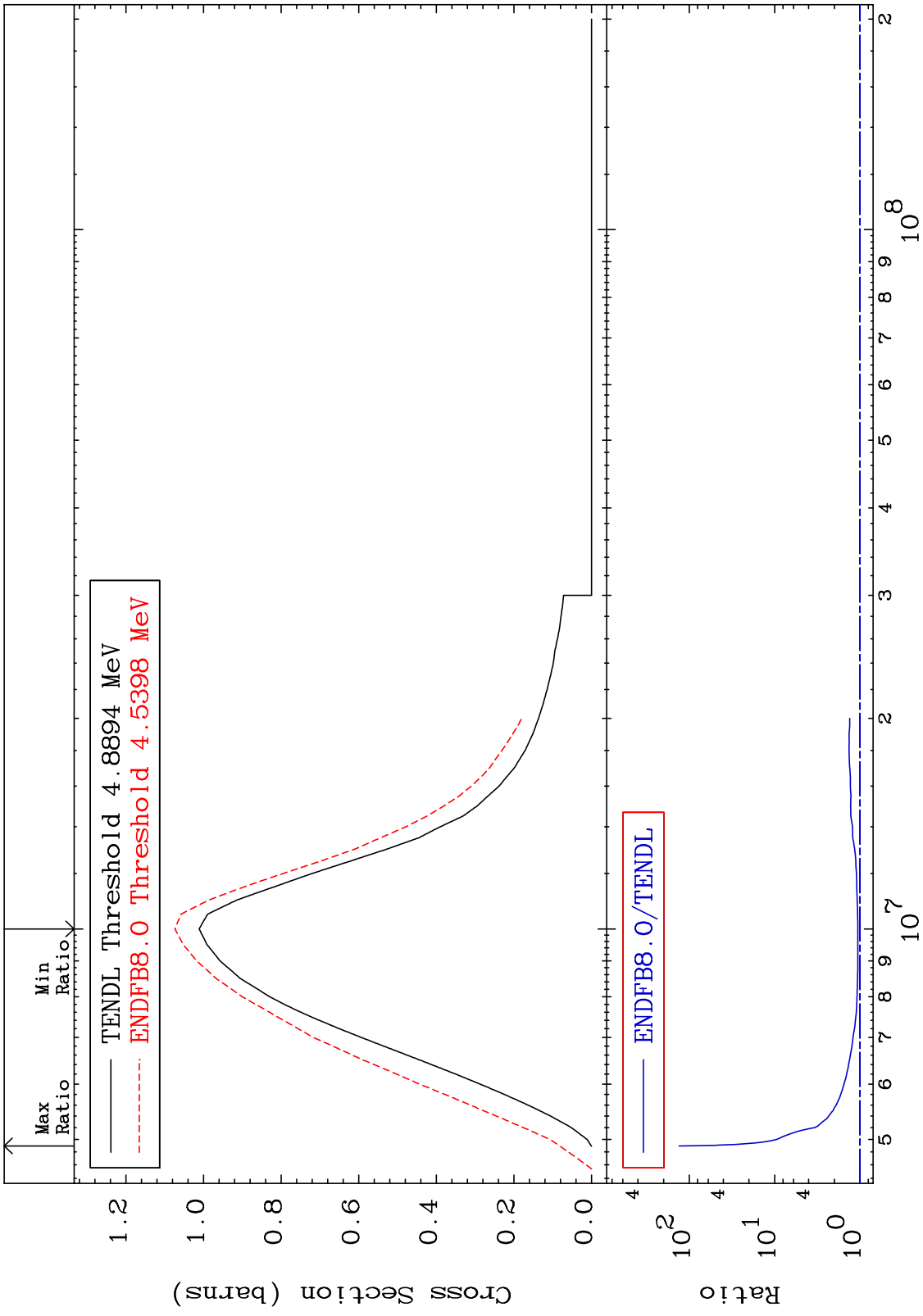


MAT 1837

MT= 68 (n,n') Level  
Cross Section

18-Ar-40  
-99.72 To 151.1 %





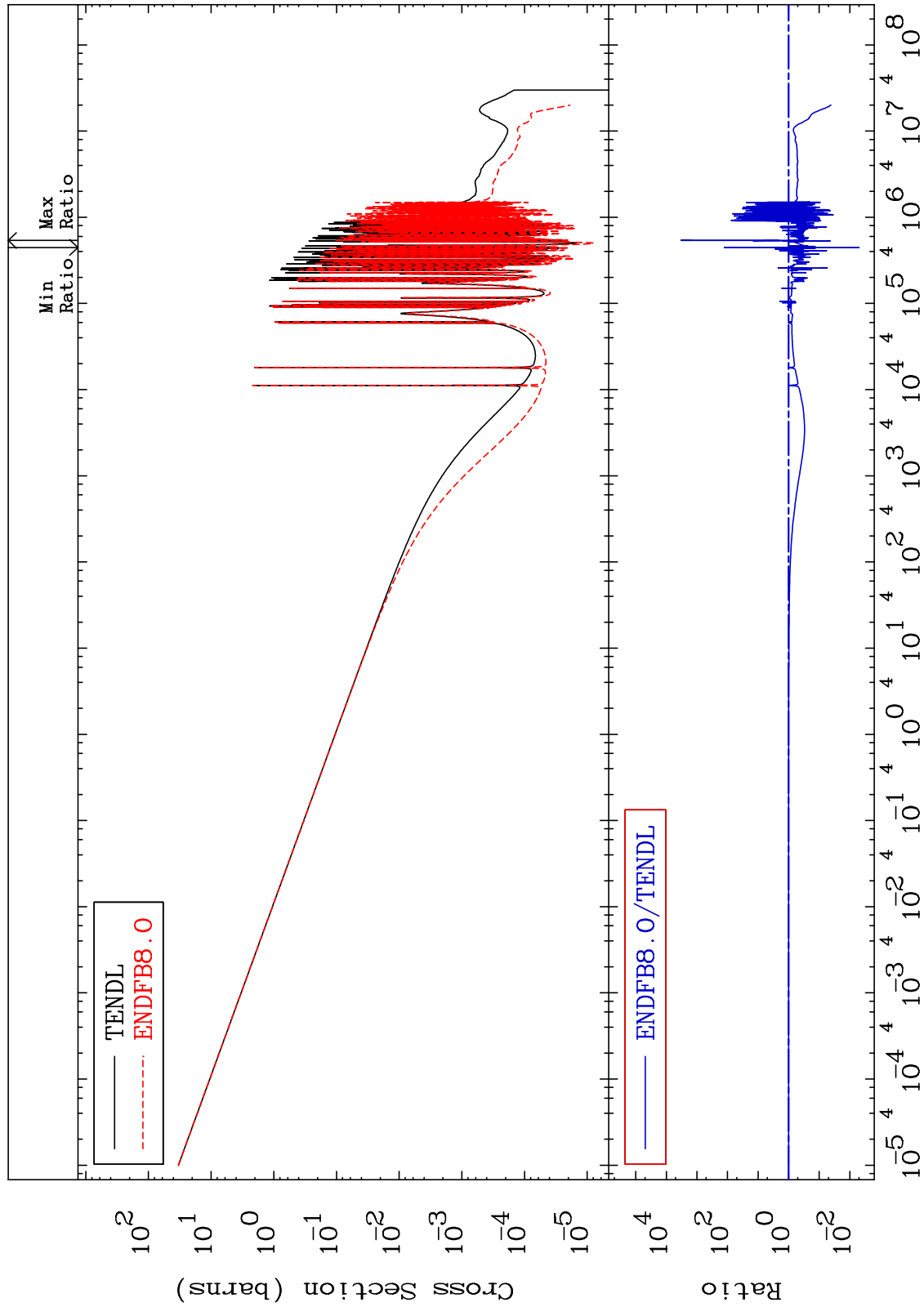
MAT 1837

(n,  $\gamma$ )

18-Ar-40

Cross Section

-99.50 To 9999. %

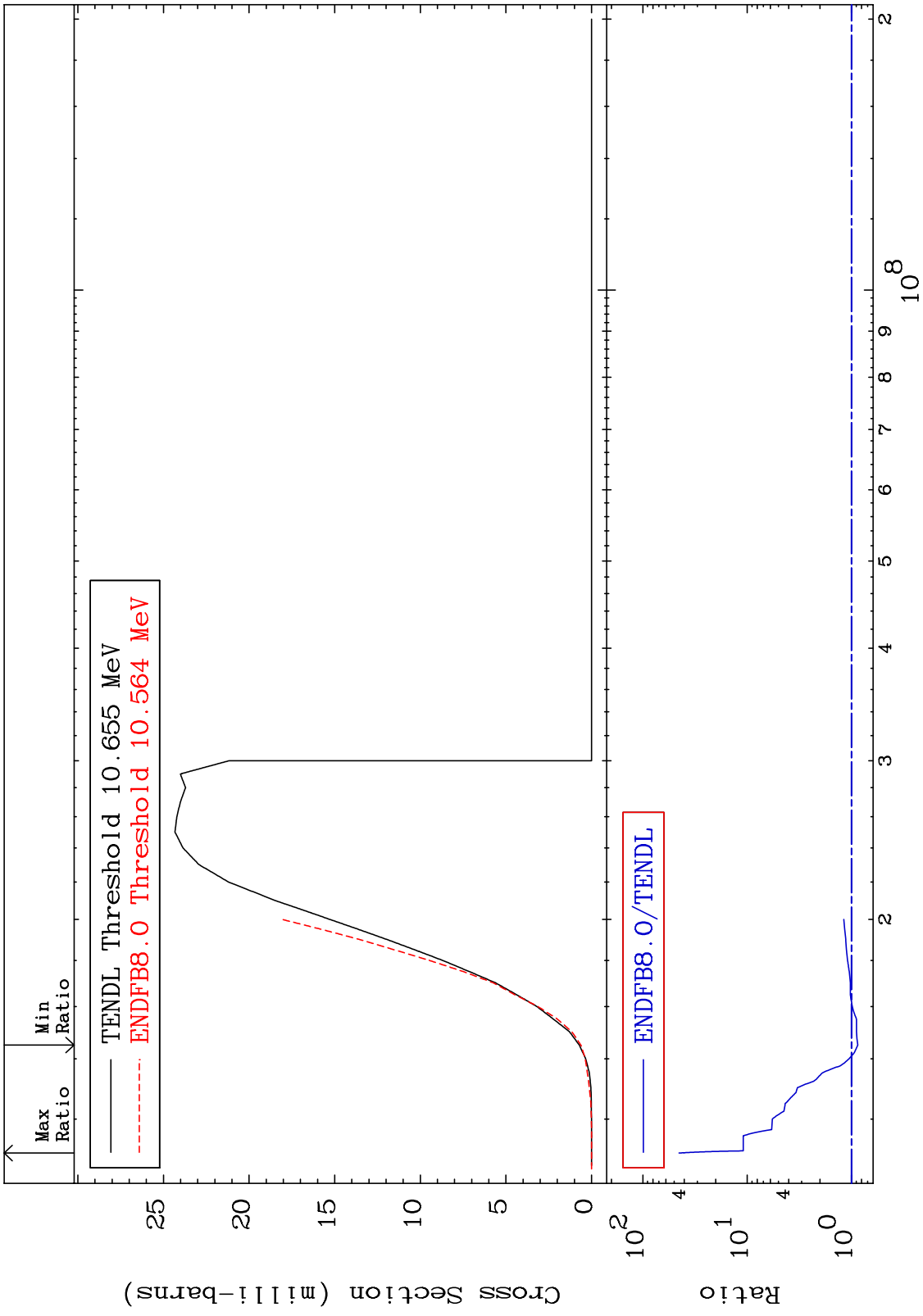


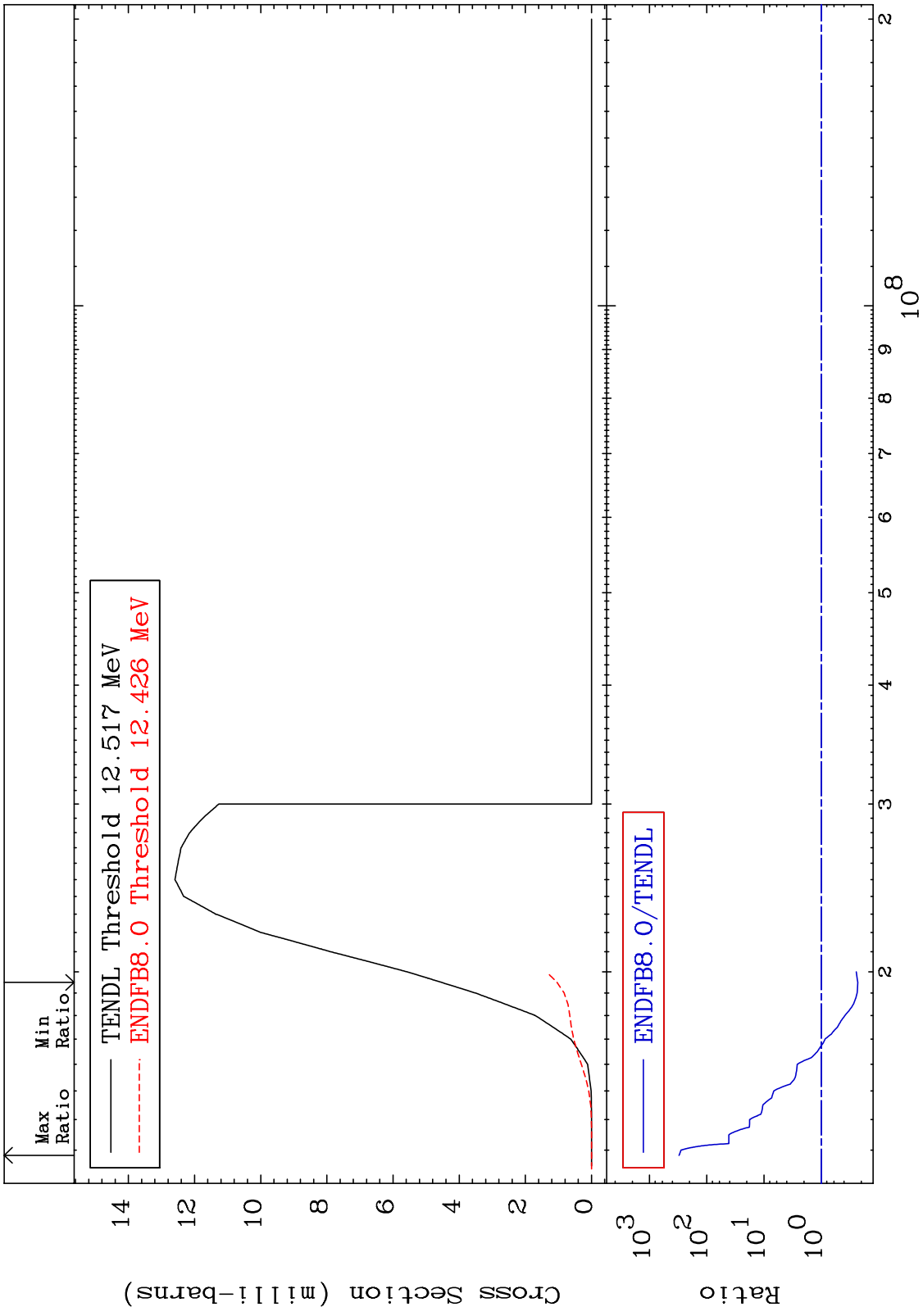
27

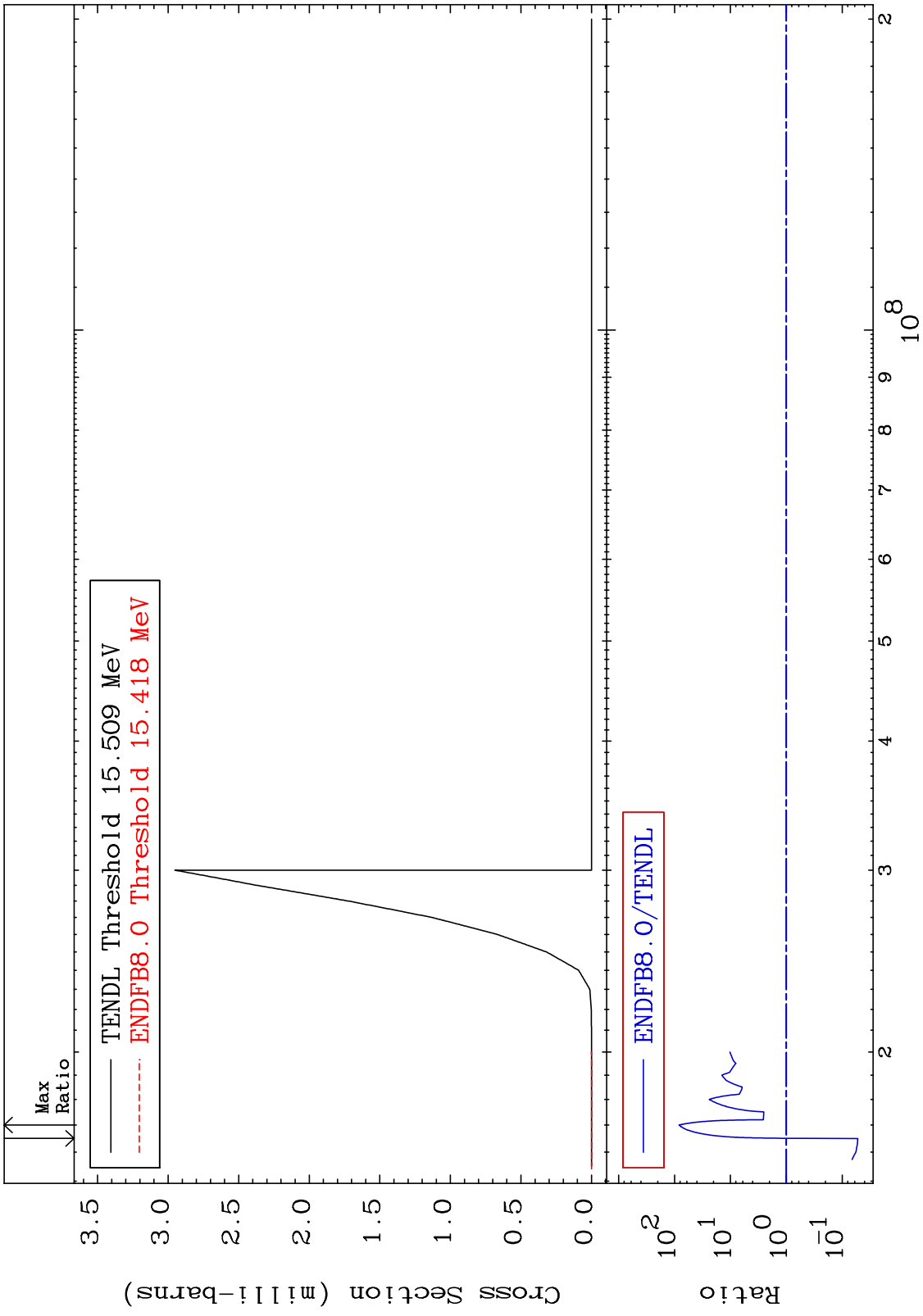
Incident Energy (eV)

18-Ar-40



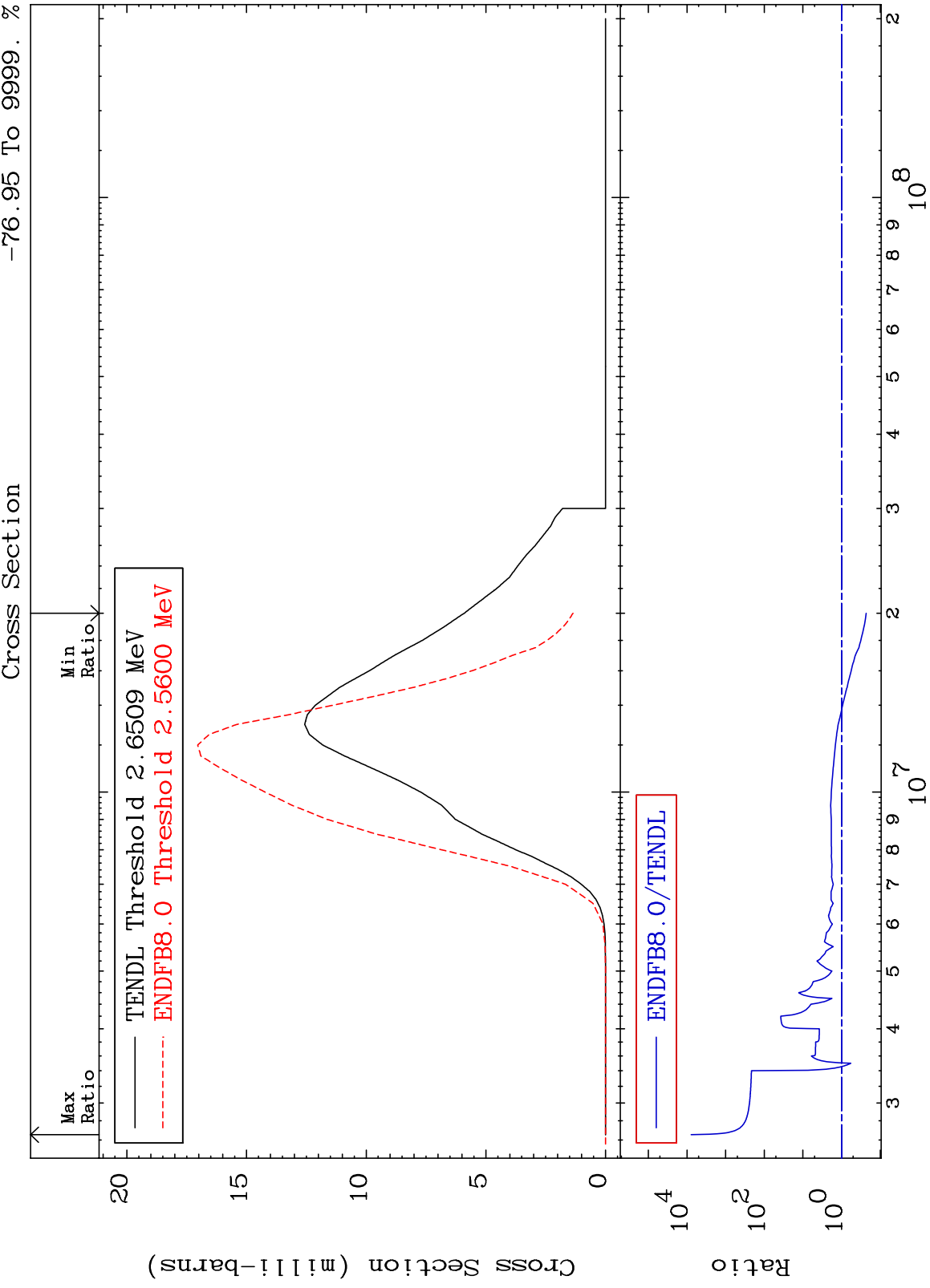


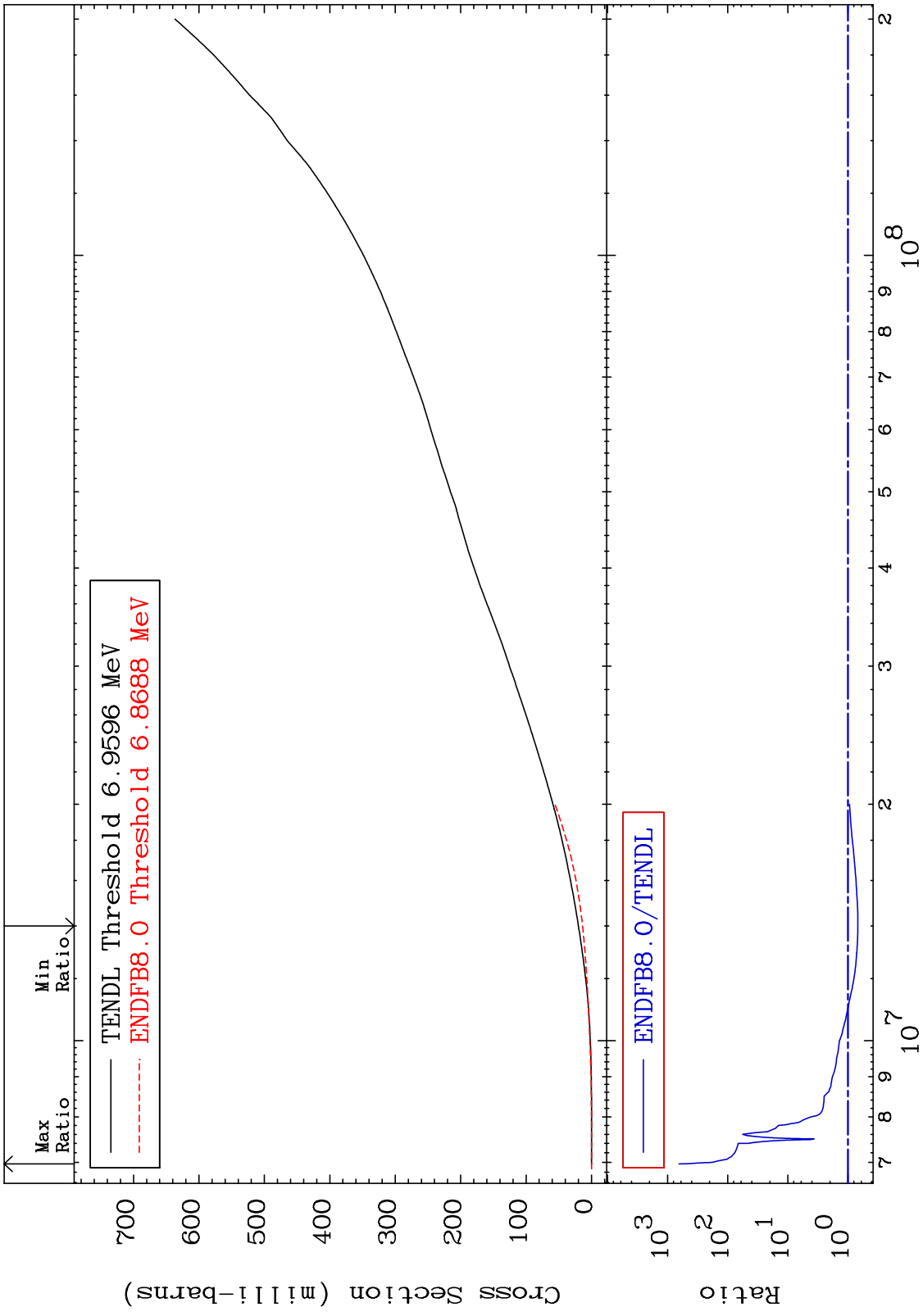


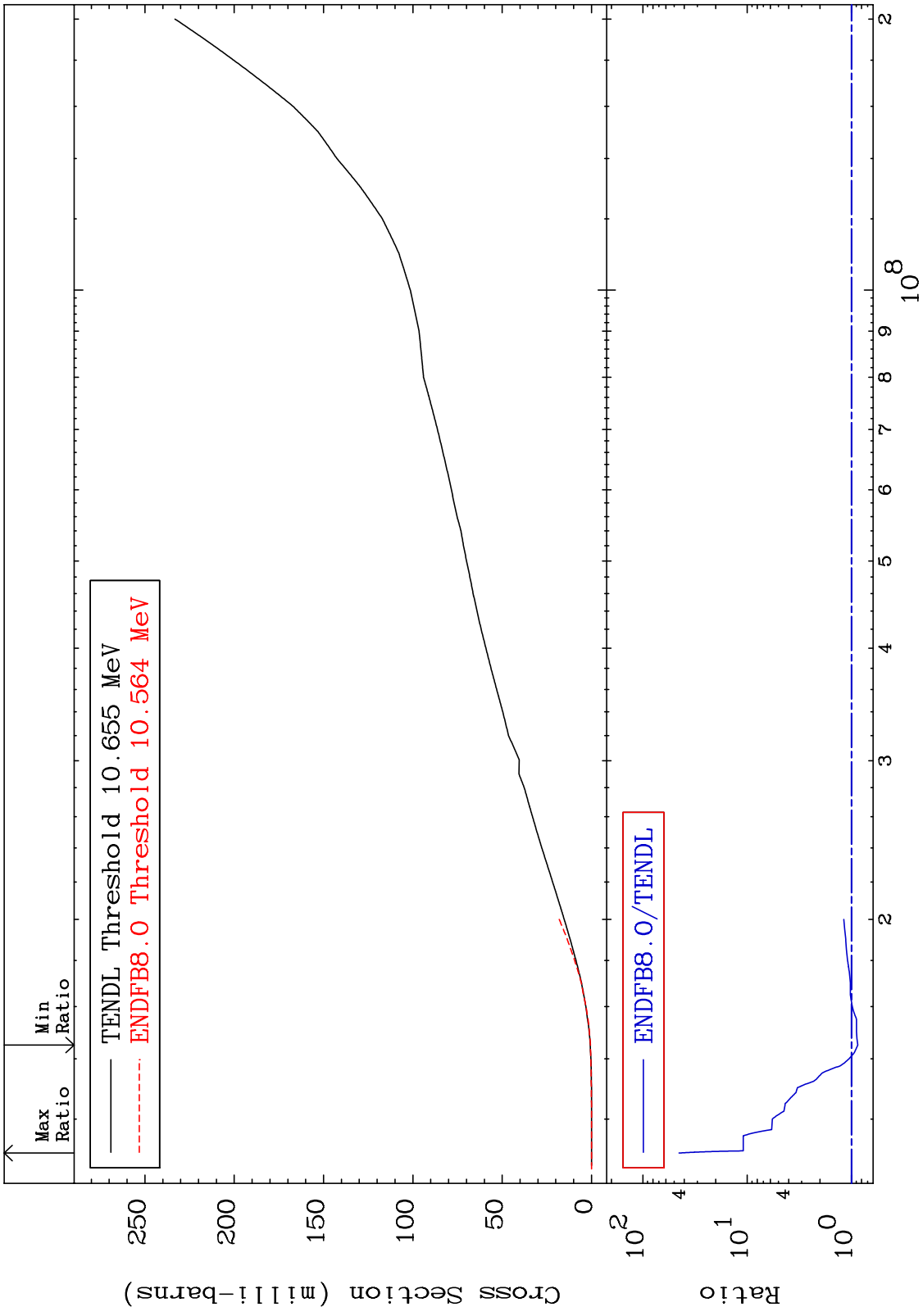




MAT 1837 (n,α) 18-Ar-40 -76.95 To 9999. %



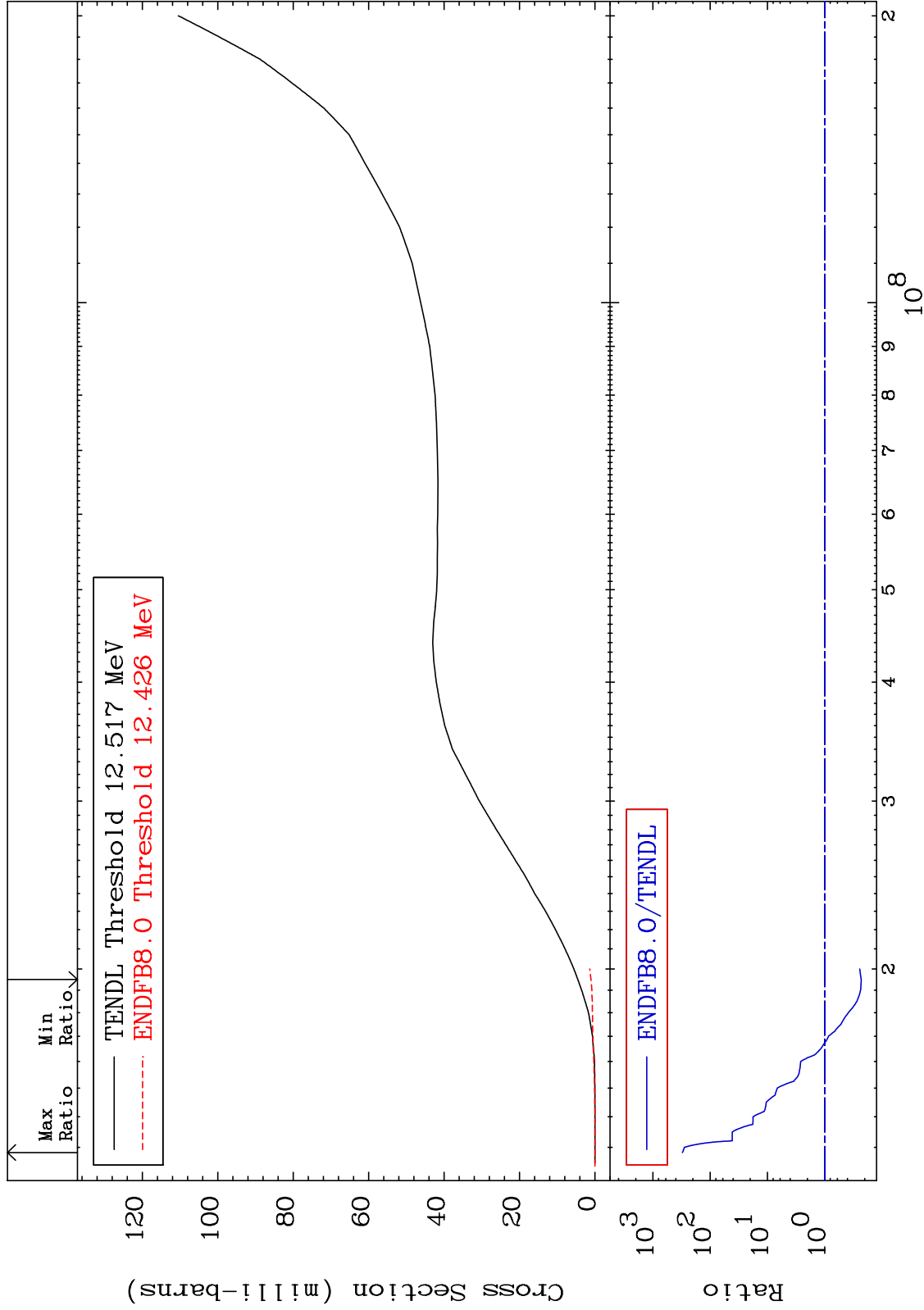




MAT 1837

Tritium Production  
Cross Section

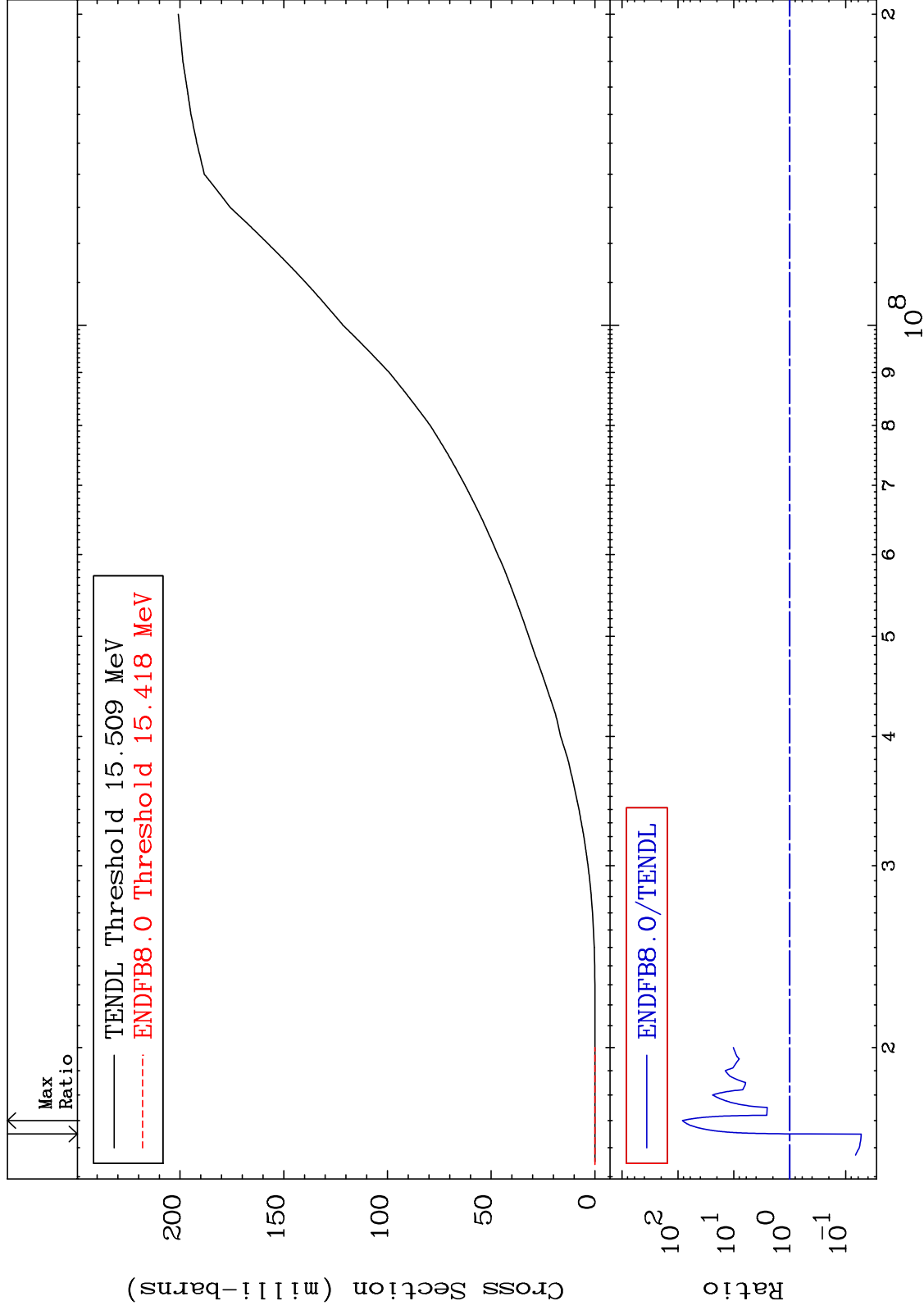
18-Ar-40  
-77.00 To 9999. %



MAT 1837

He-3 Production  
Cross Section

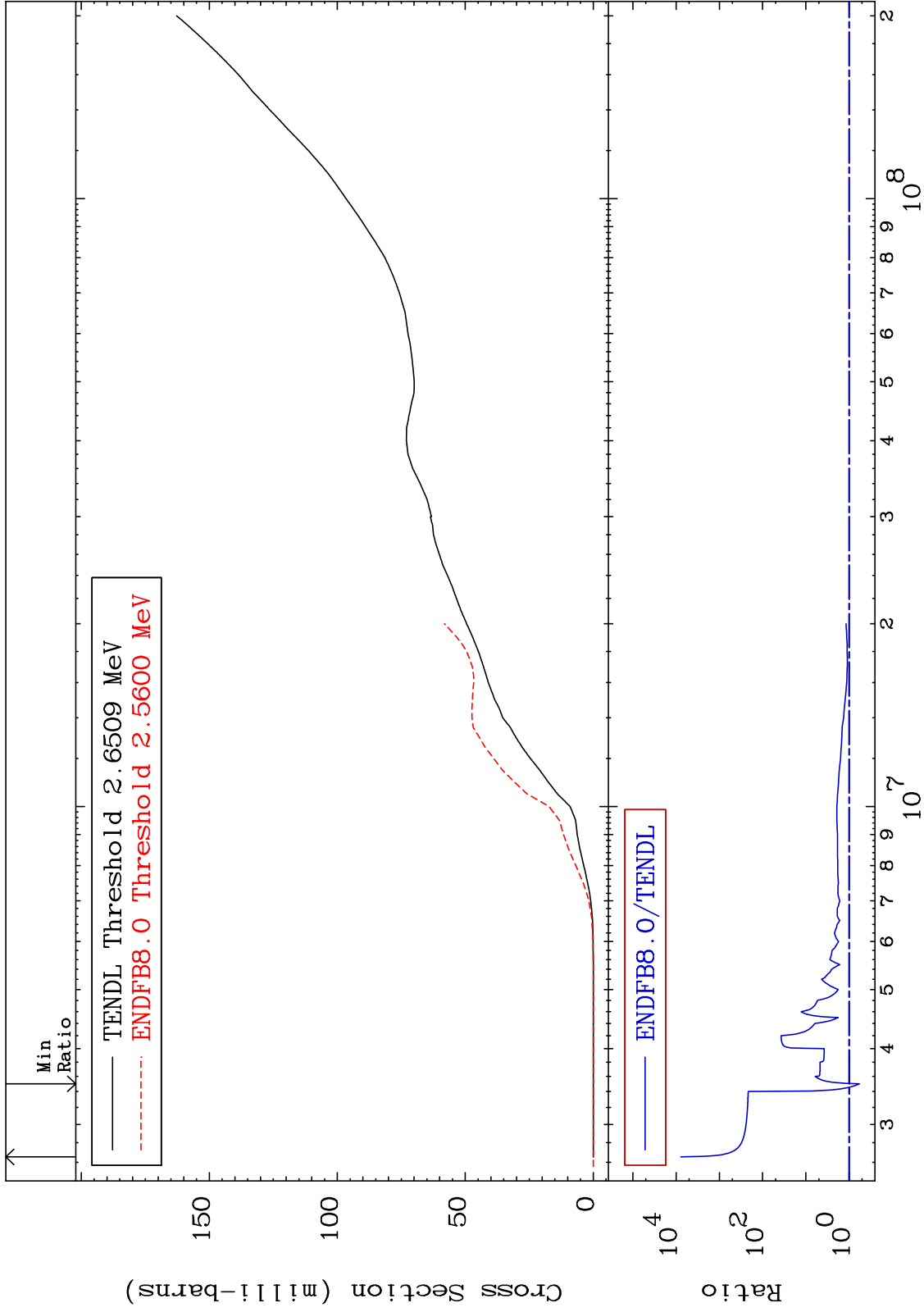
18-Ar-40  
-94.74 To 8210. %



MAT 1837

He-4 Production  
Cross Section

18-Ar-40  
-42.99 To 9999. %

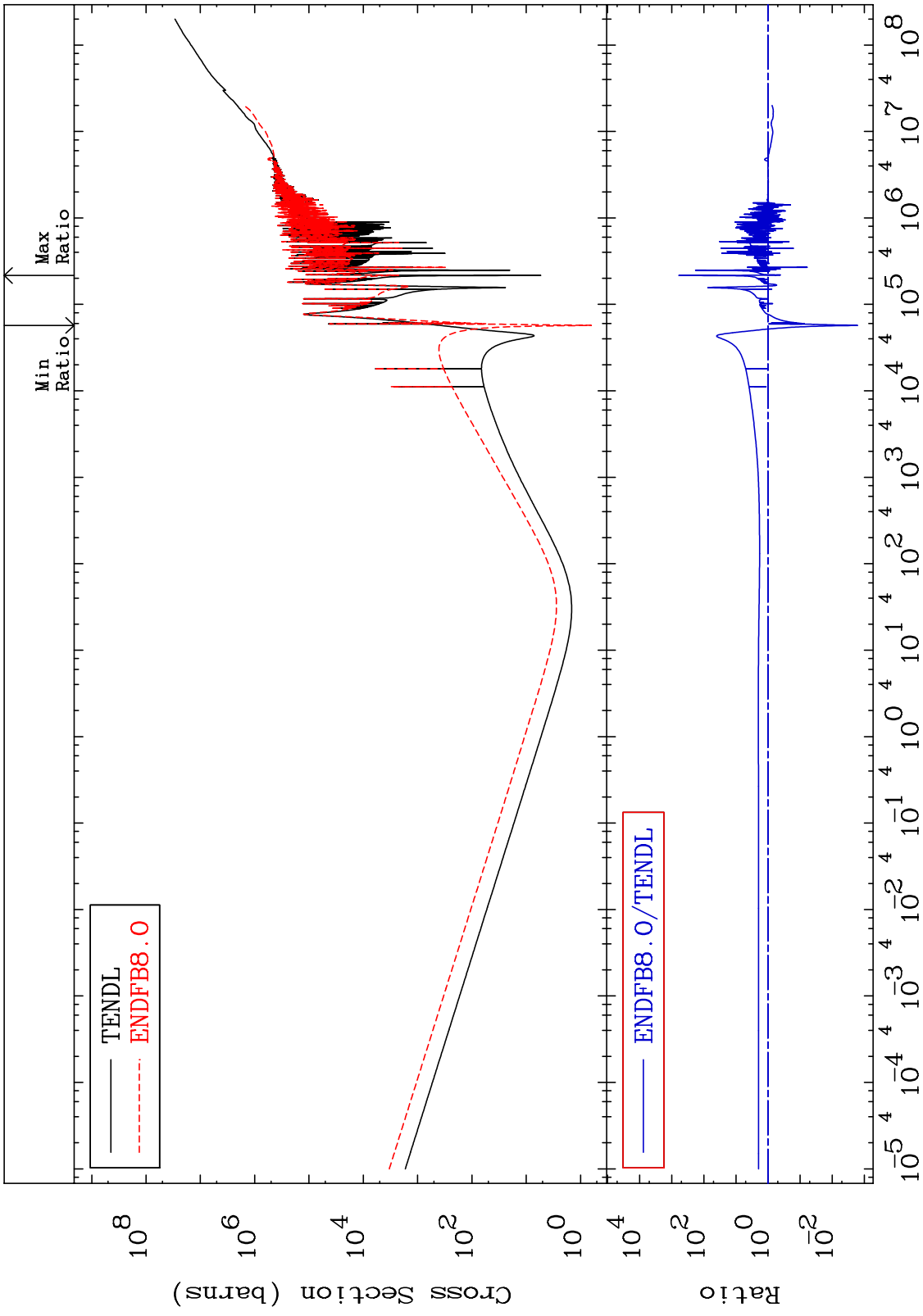


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Incident Energy (eV)

18-Ar-40

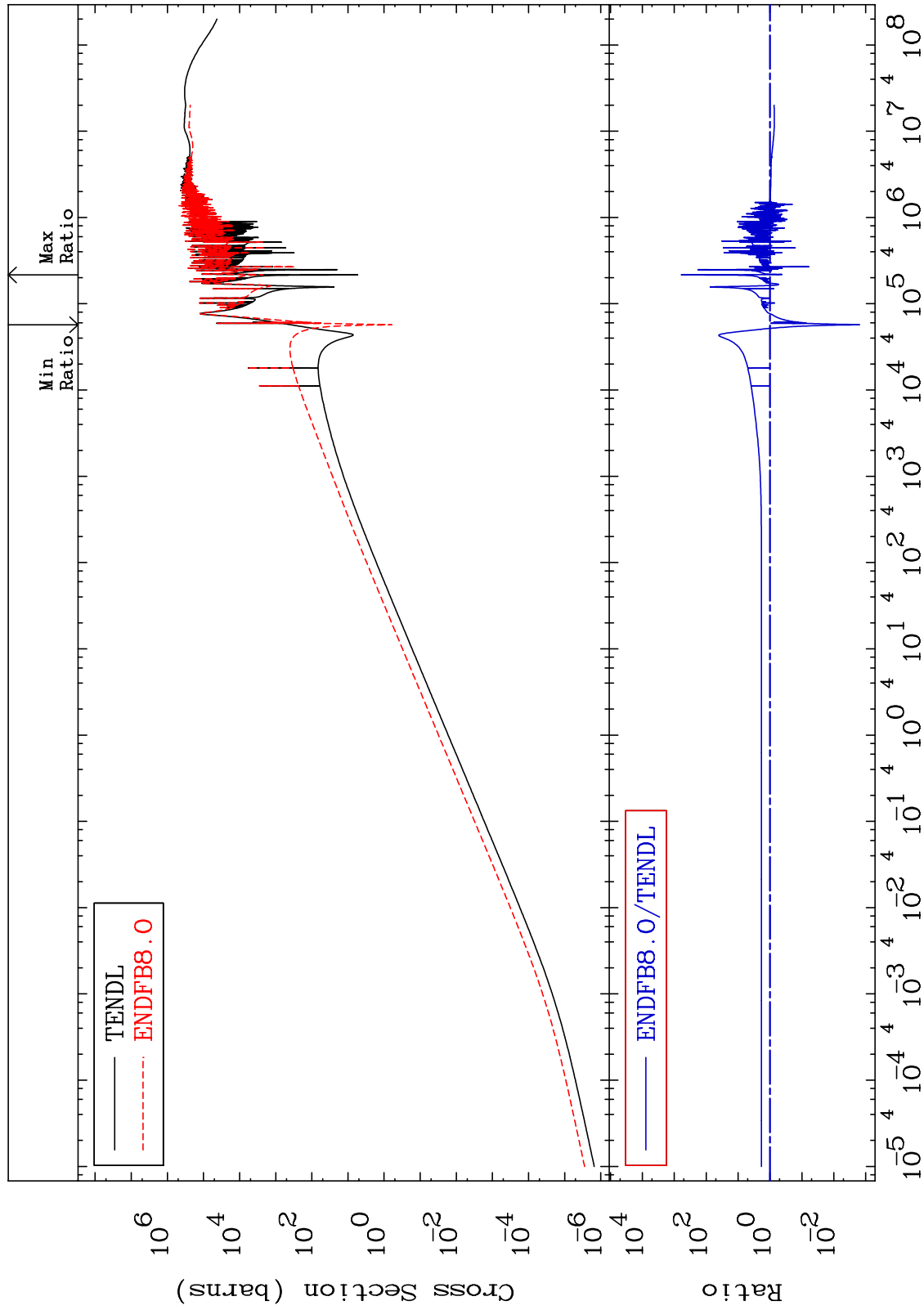
MAT 1837 Kerma total (eV-barns) Cross Section 18-Ar-40 -99.84 To 9999. %



MAT 1837

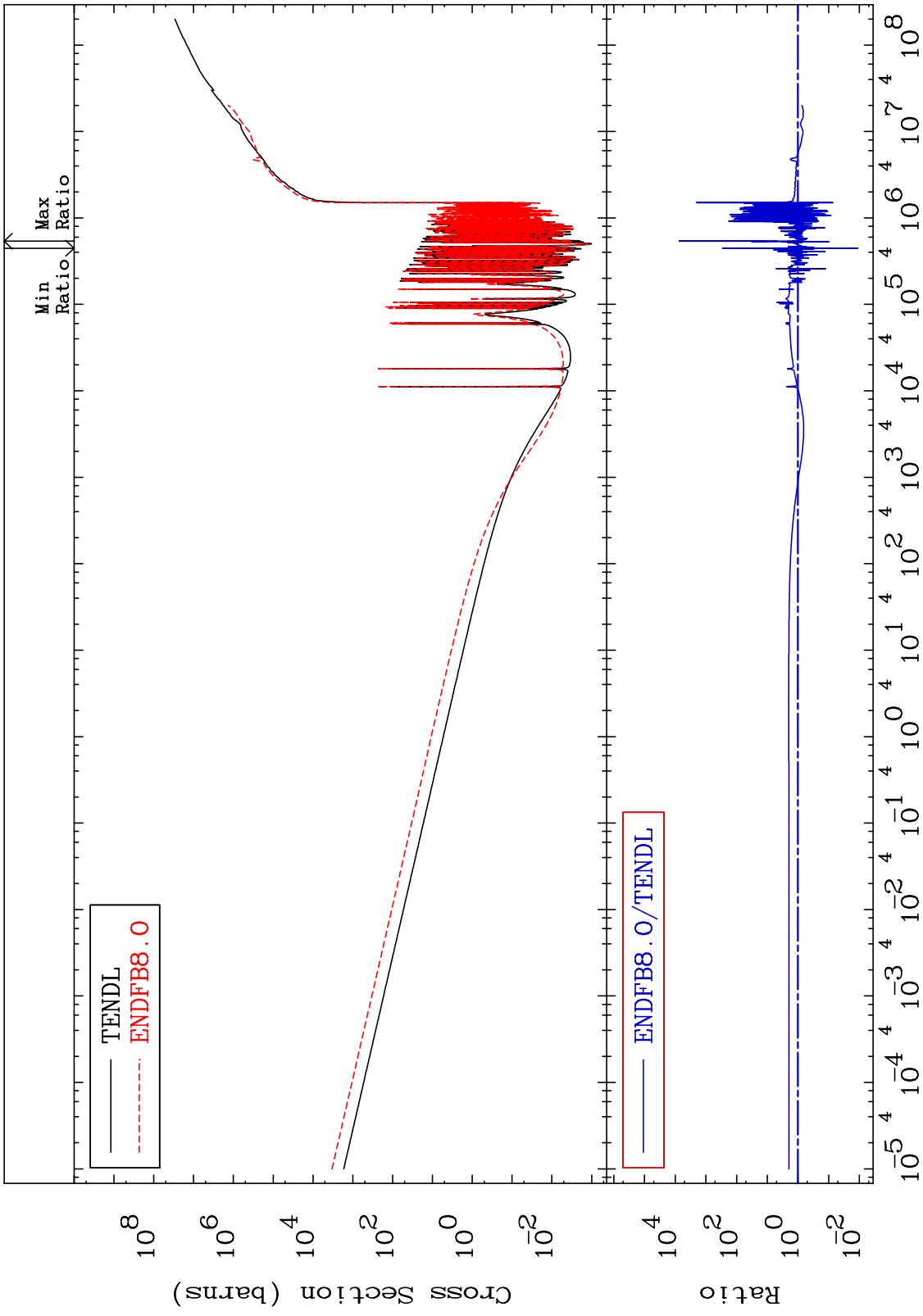
Kerma elastic  
Cross Section

18-Ar-40  
-99.85 To 9999. %



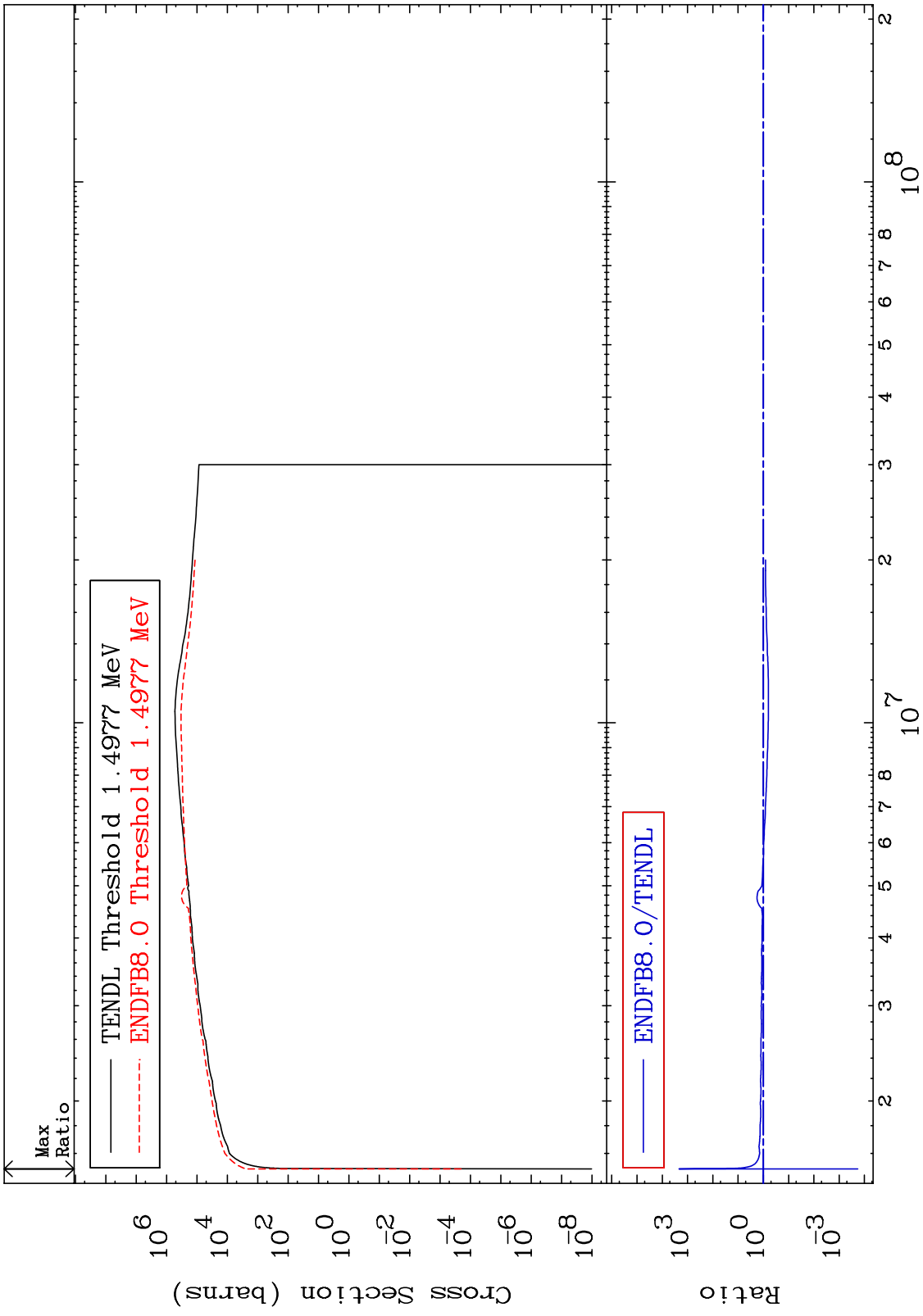


MAT 1837      Kerma non-elastic (all but mt2)      18-Ar-40  
 Cross Section      -98.88 To 9999. %



40      Incident Energy (eV)      18-Ar-40

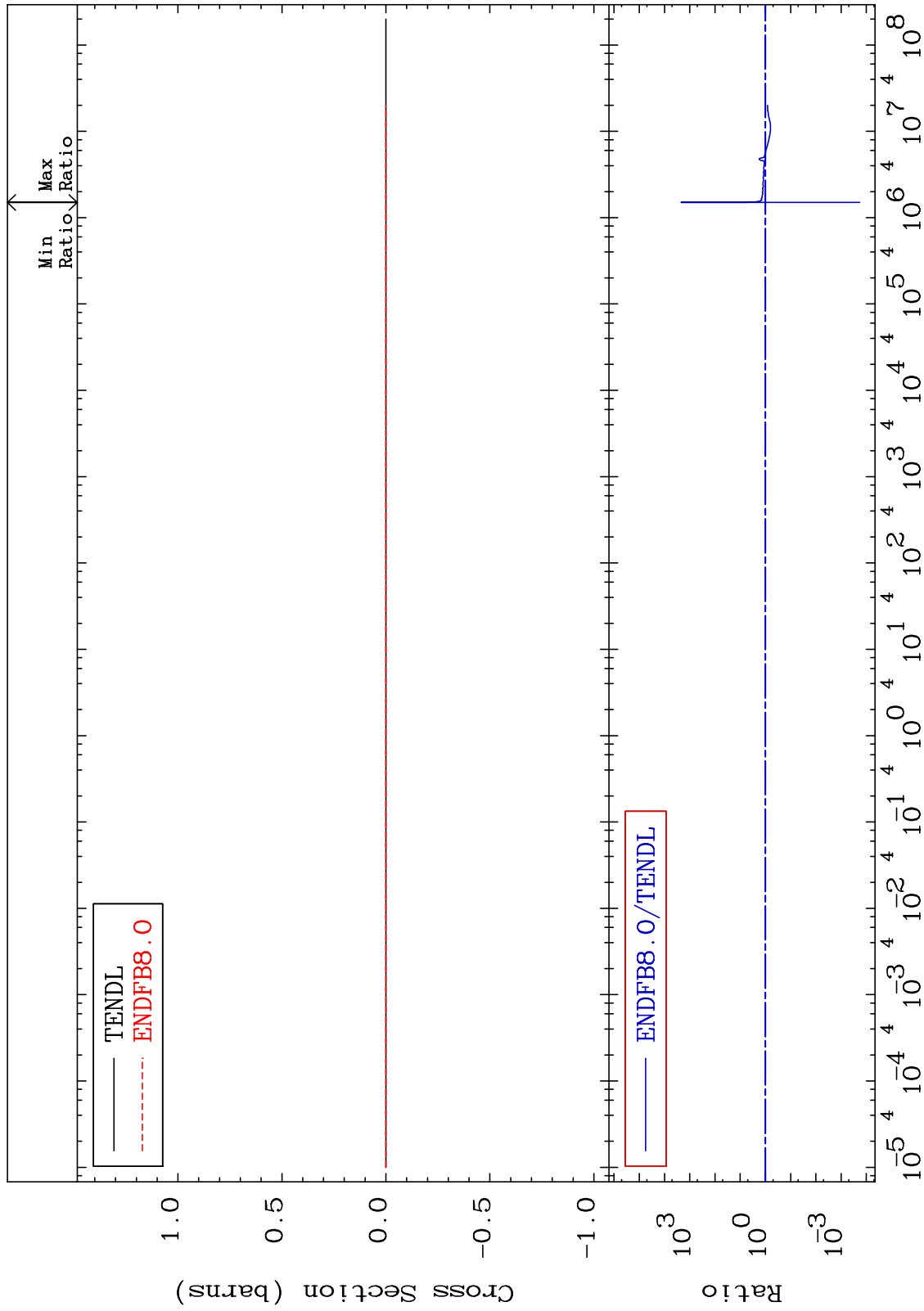
MAT 1837 Kerma inelastic (mt51-91) 18-Ar-40  
 Cross Section -99.98 To 9999. %



MAT 1837

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

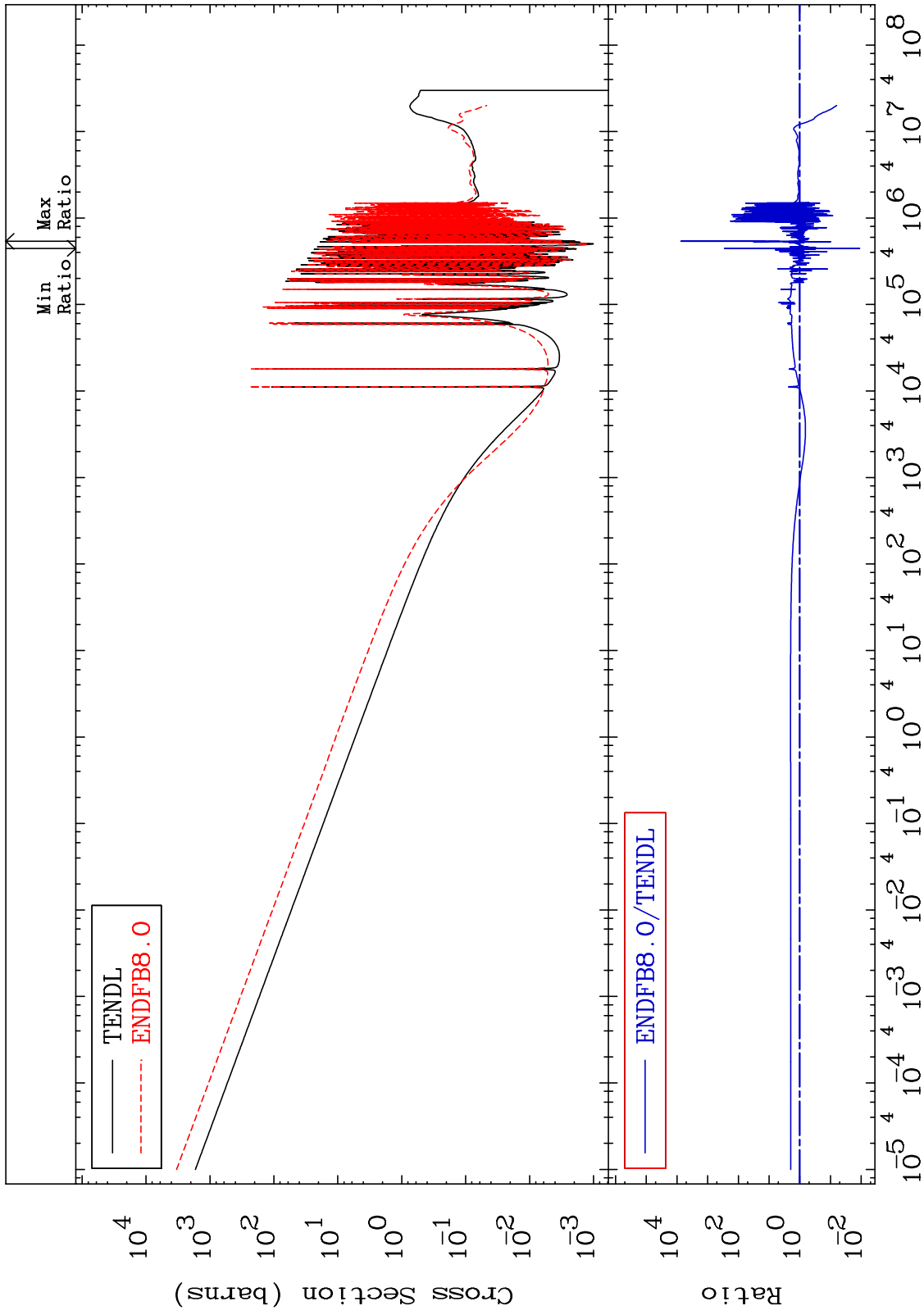
18-Ar-40  
-99.98 To 9999. %



MAT 1837

Kerma capture (mt102)  
Cross Section

18-Ar-40  
-98.88 To 9999. %



43

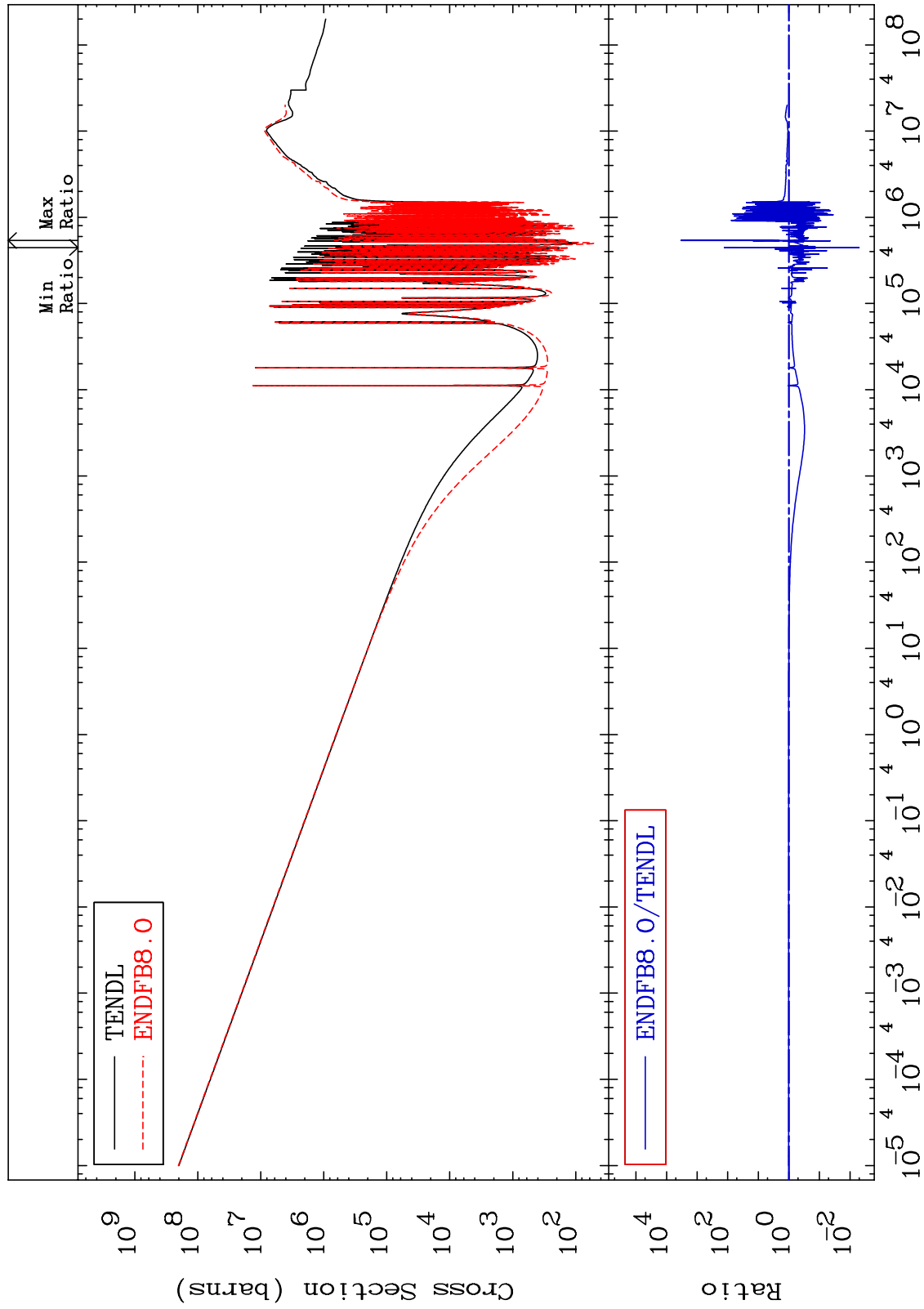
Incident Energy (eV)

18-Ar-40

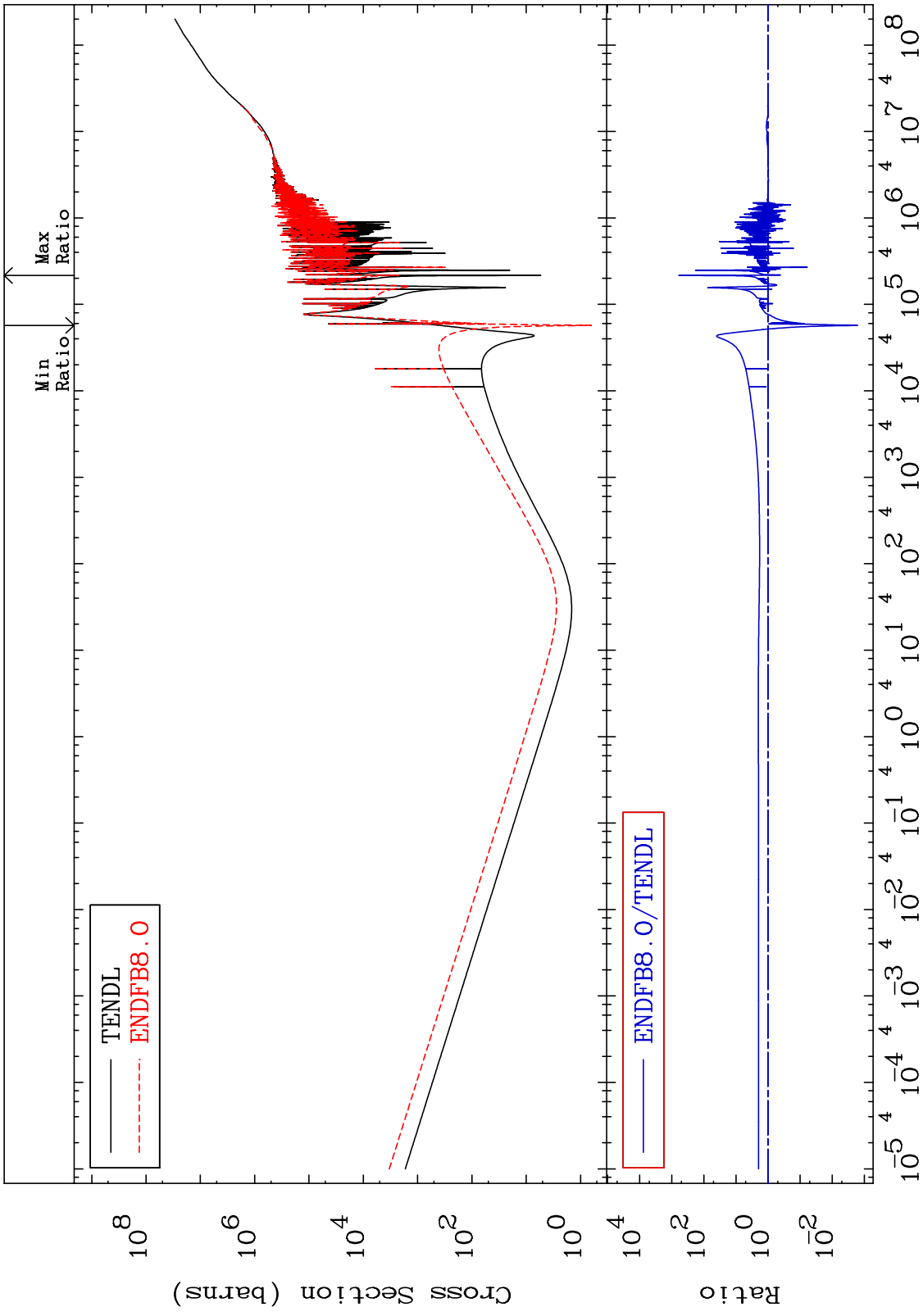
MAT 1837

Total photon (eV-barns)  
Cross Section

18-Ar-40  
-99.49 To 9999. %



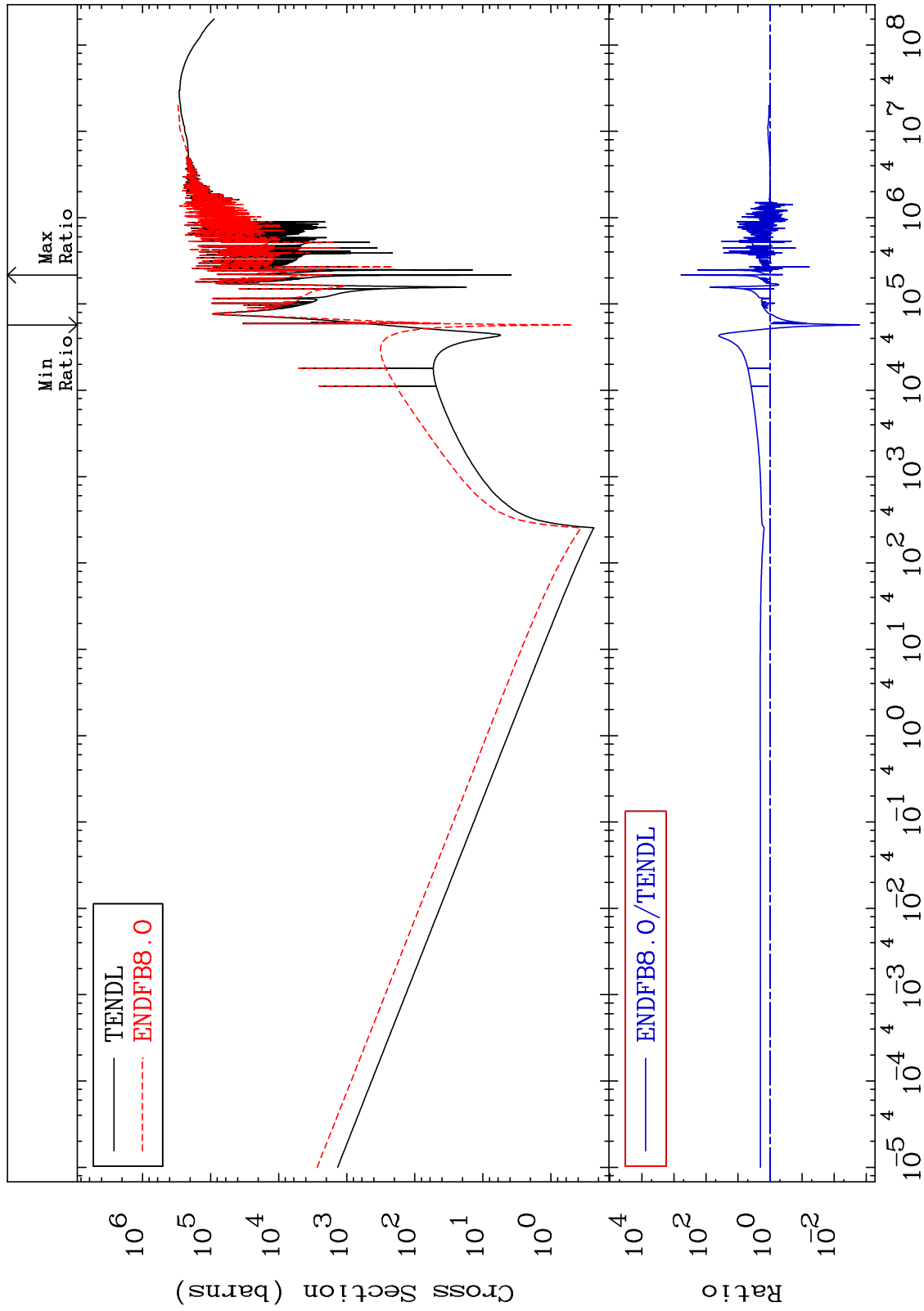
MAT 1837      Total kinematic kerma (high limit)      18-Ar-40  
 Cross Section      -99.84 To 9999. %



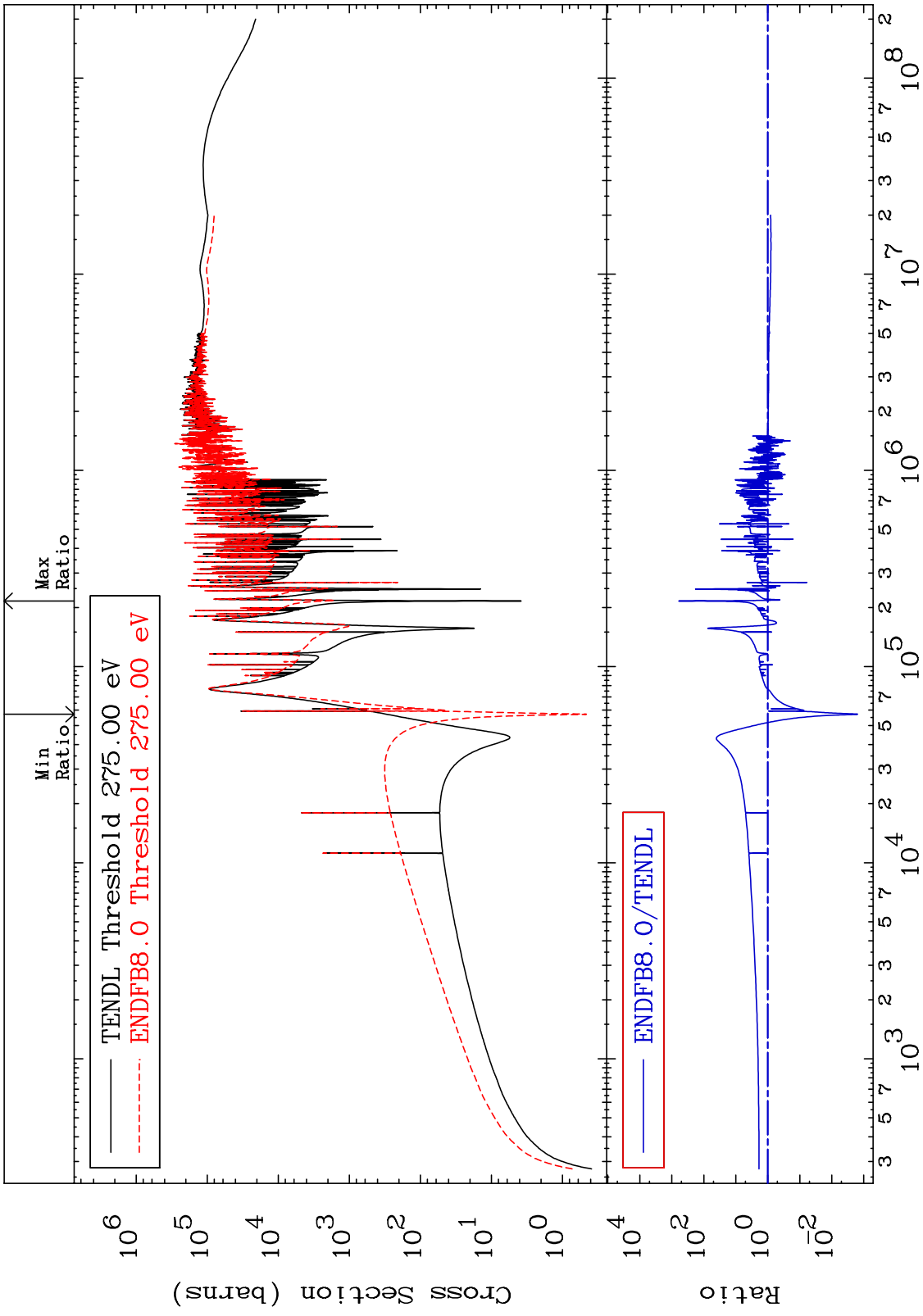
MAT 1837

Dpa total (eV-barns)  
Cross Section

18-Ar-40  
-99.84 To 9999. %

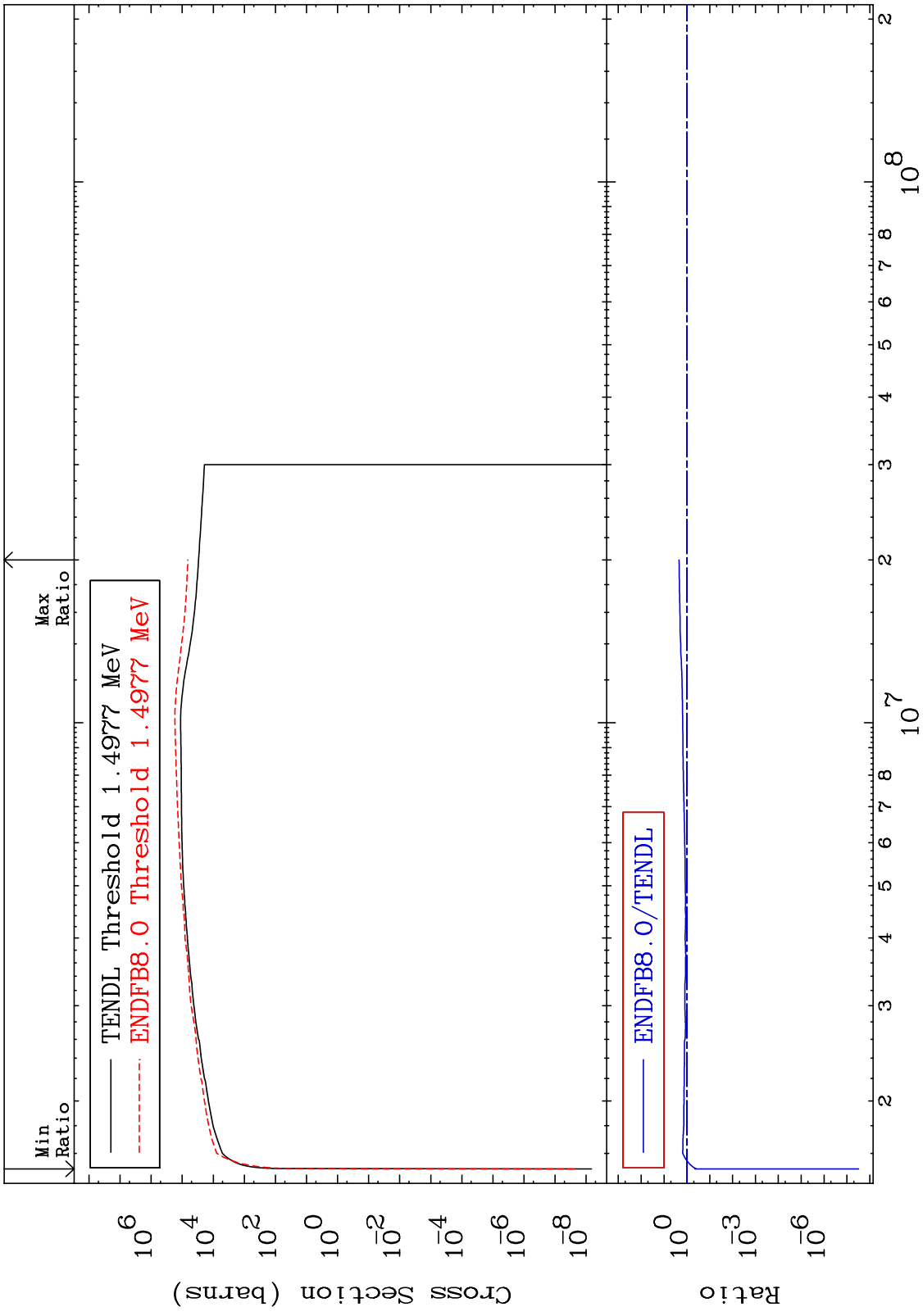


MAT 1837      Dpa elastic (mt2)      18-Ar-40  
 Cross Section      -99.85 To 9999. %





MAT 1837      Dpa inelastic (mt51-91)      18-Ar-40  
 Cross Section      -100.0 To 120.1 %



MAT 1837

Dpa disappearance (mt102 -120)  
Cross Section

18-Ar-40  
-98.88 To 9999. %

