

Program Complot
(Version 2018-1)

by

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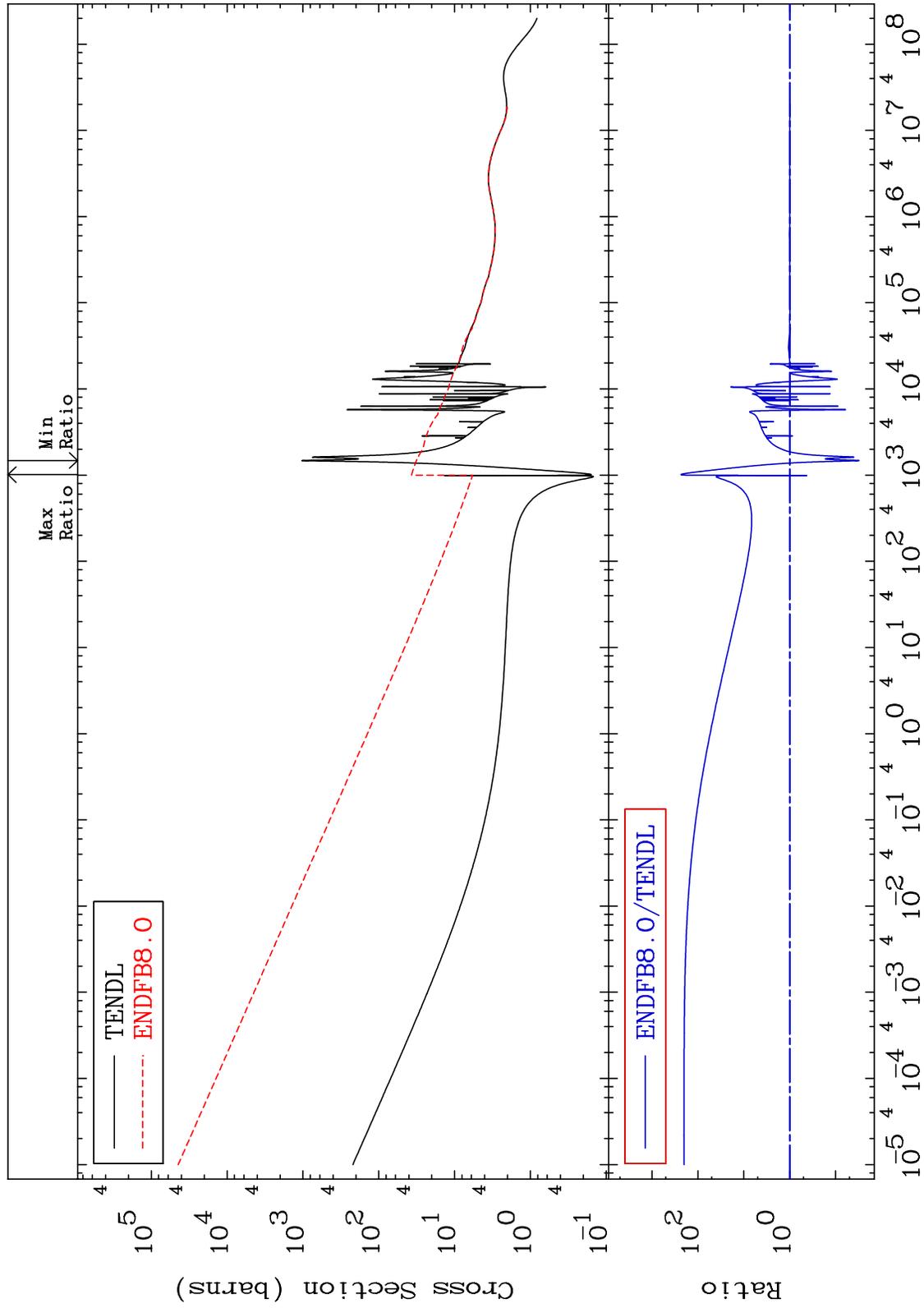
U.S.A.

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Press Mouse Button to Start

MAT 2028 Total Cross Section 20-Ca-41 -96.92 To 9999. %

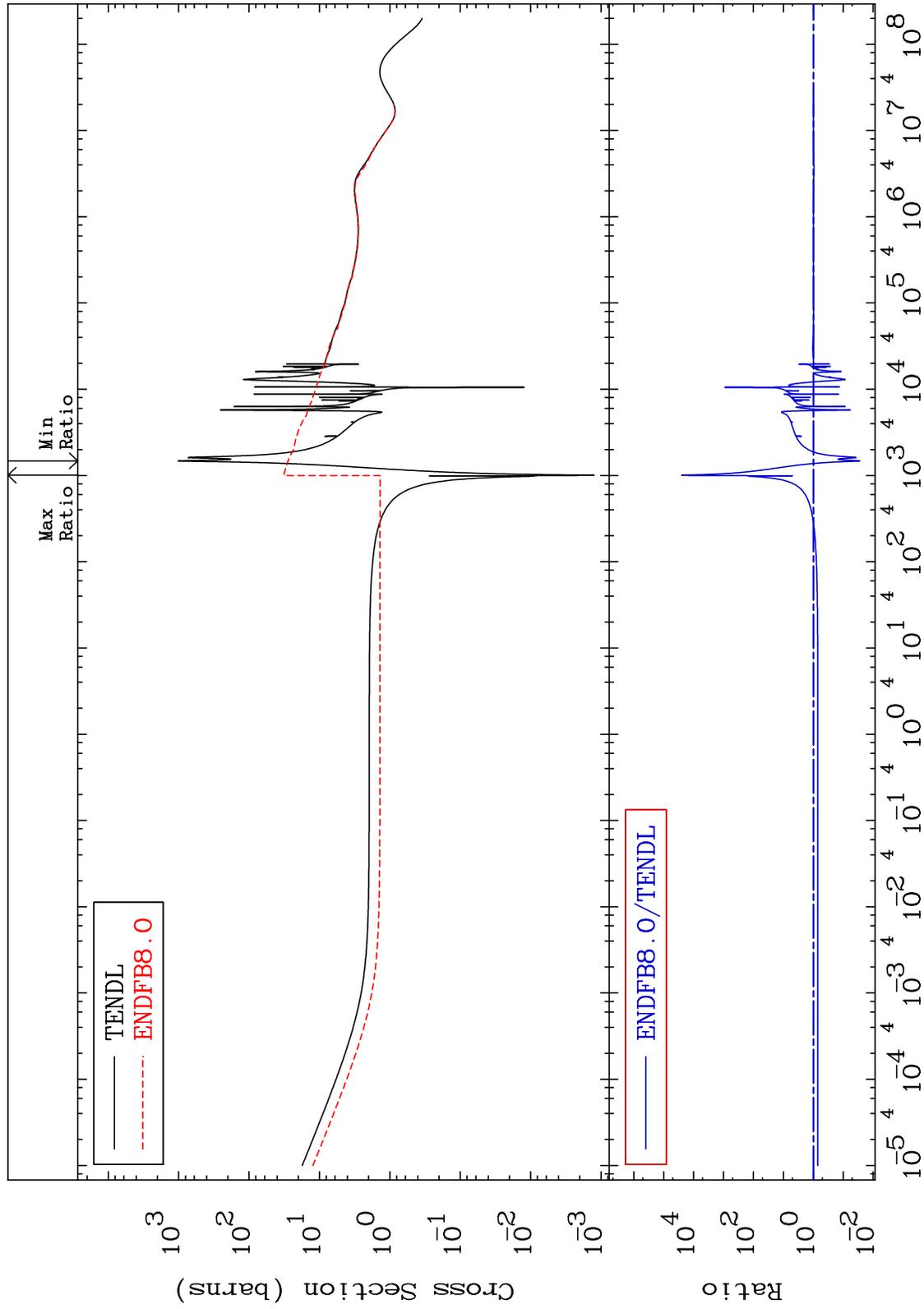


1 Incident Energy (eV) 20-Ca-41

MAT 2028

Elastic
Cross Section

20-Ca-41
-97.23 To 9999. %

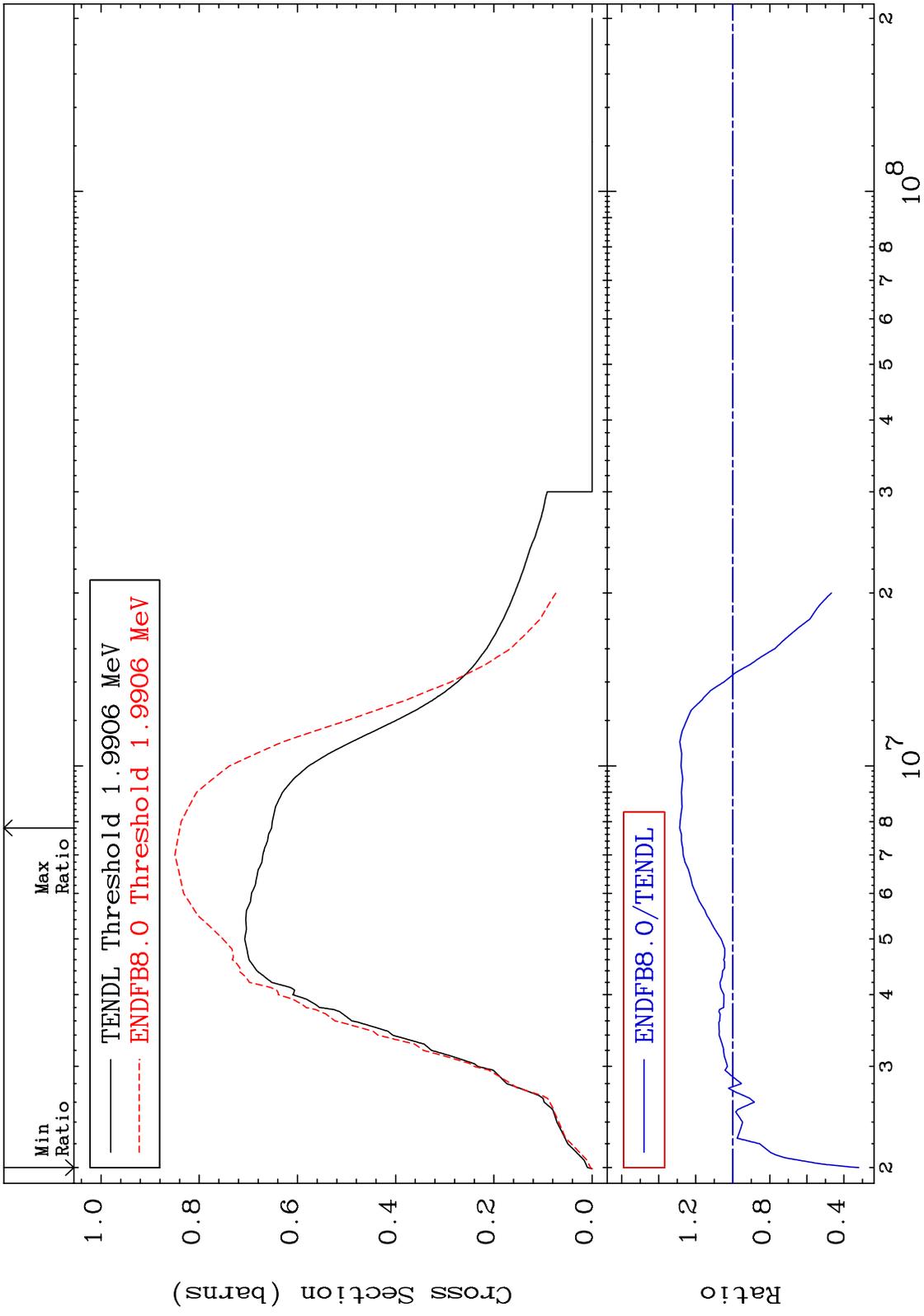


2

Incident Energy (eV)

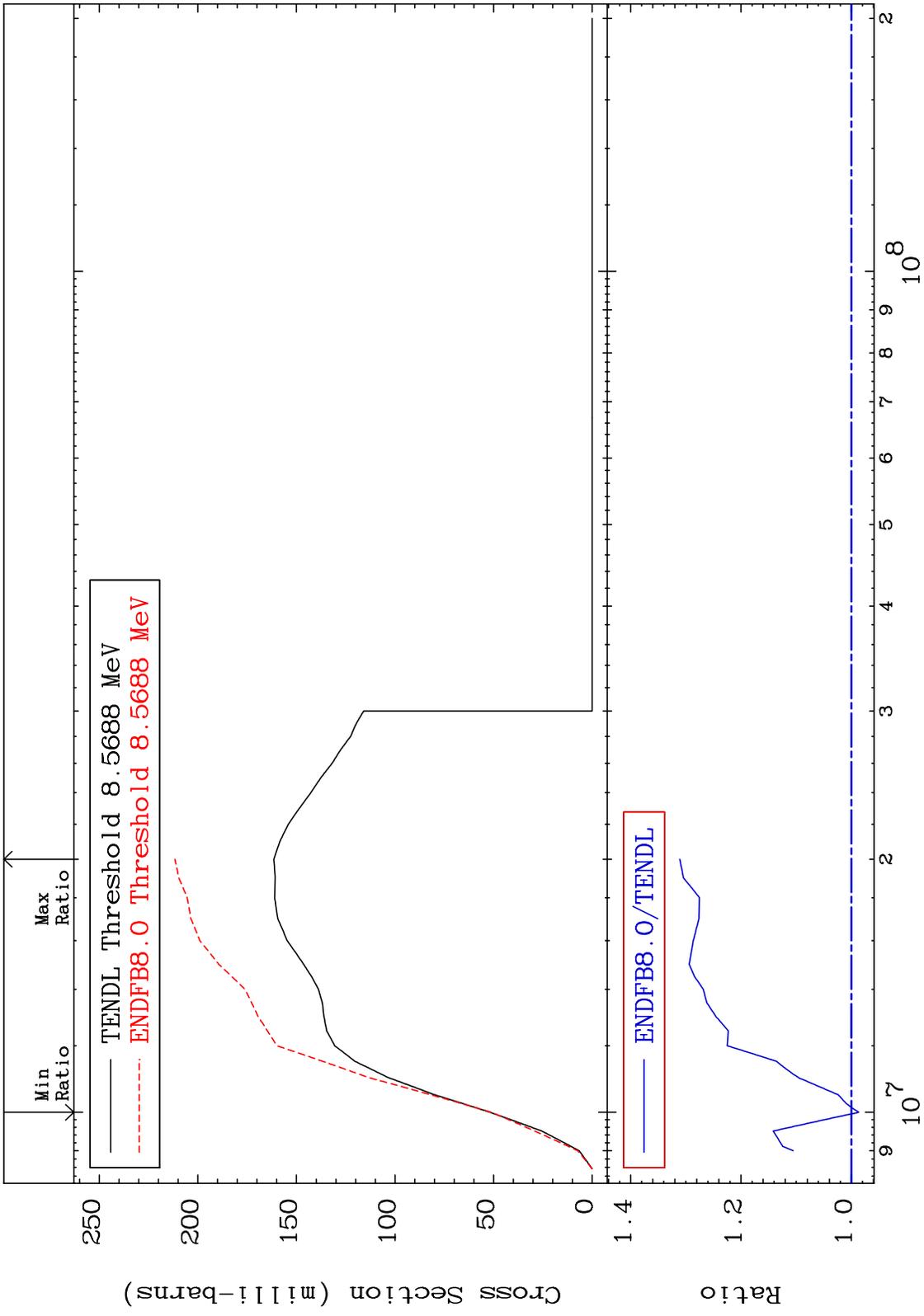
20-Ca-41

MAT 2028 Inelastic Cross Section 20-Ca-41 -68.03 To 28.64 %



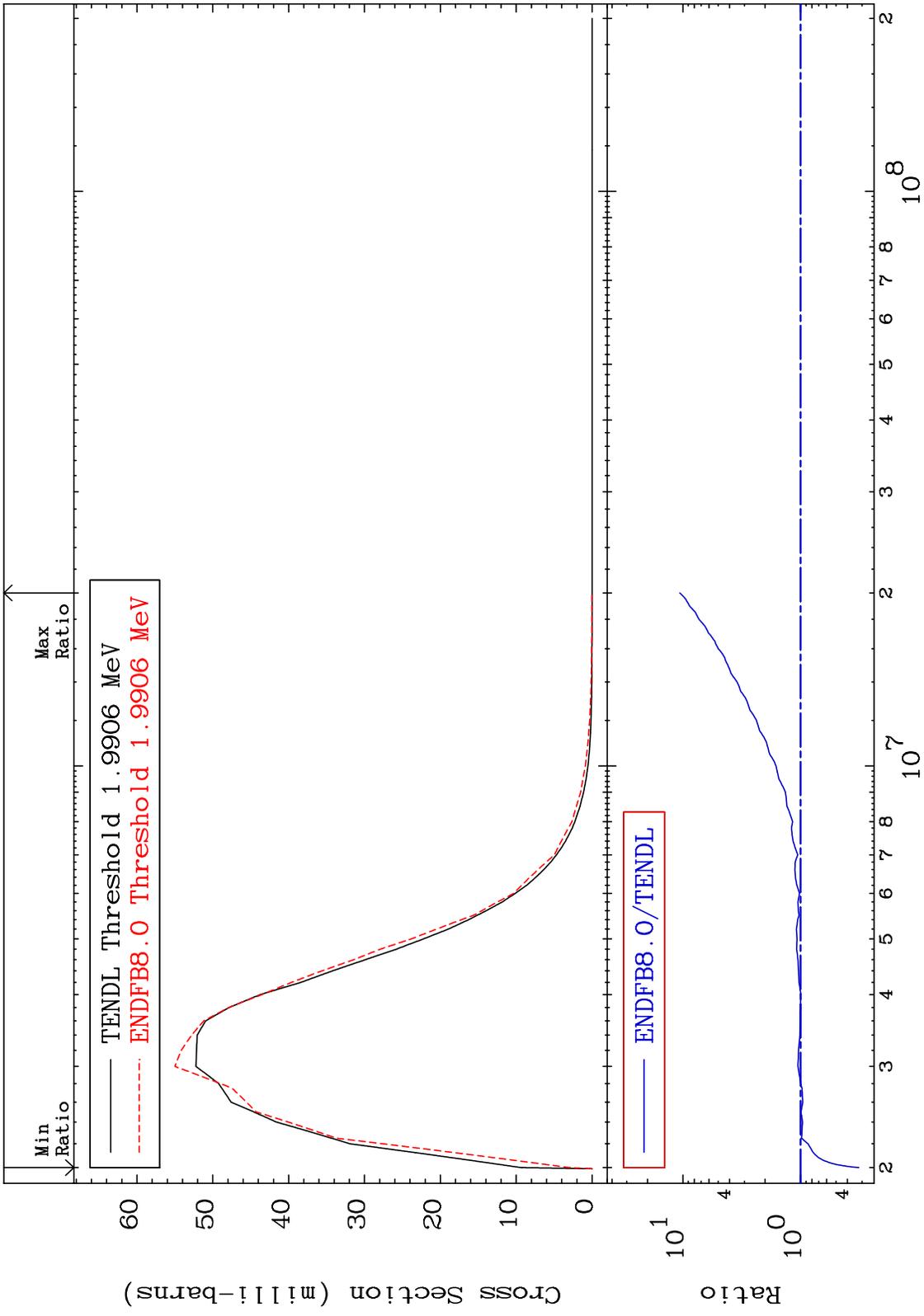
3 Incident Energy (eV) 20-Ca-41

MAT 2028 (n,2n) 20-Ca-41
Cross Section -1.339 To 31.10 %



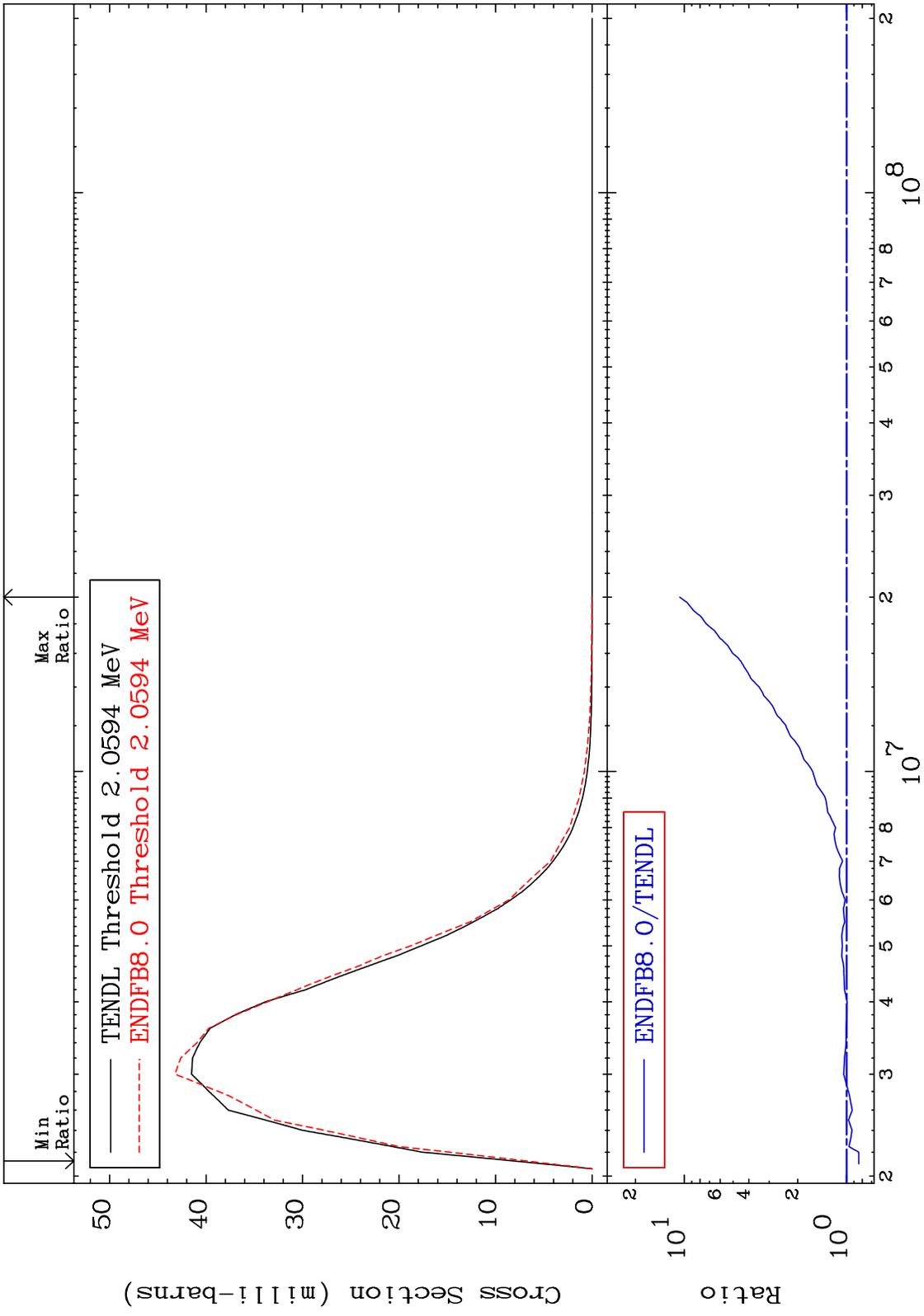
20-Ca-41 Incident Energy (eV)

MAT 2028 MT= 51 (n,n') Level Cross Section -68.03 To 962.9 % 20-Ca-41

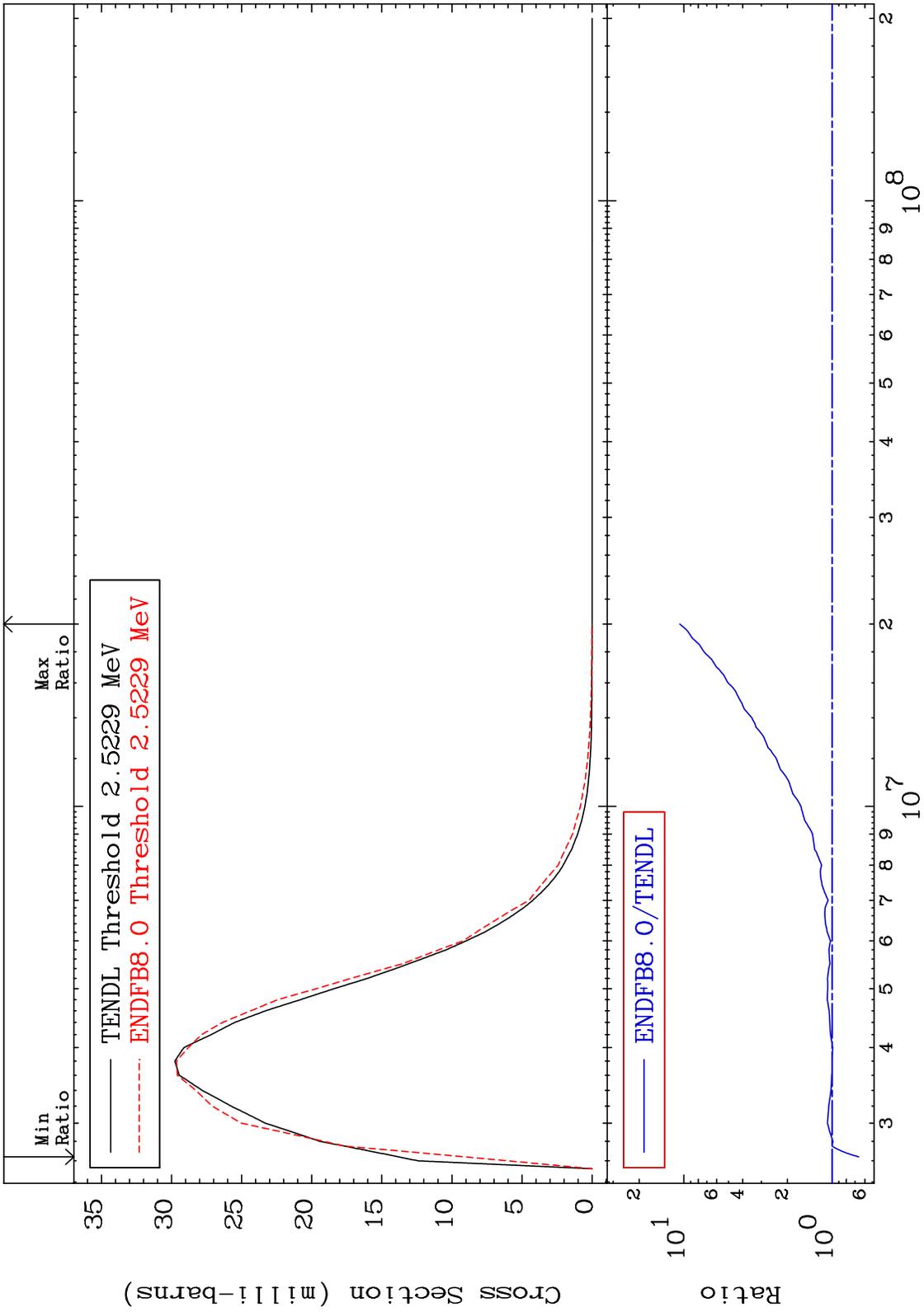


5 Incident Energy (eV) 20-Ca-41

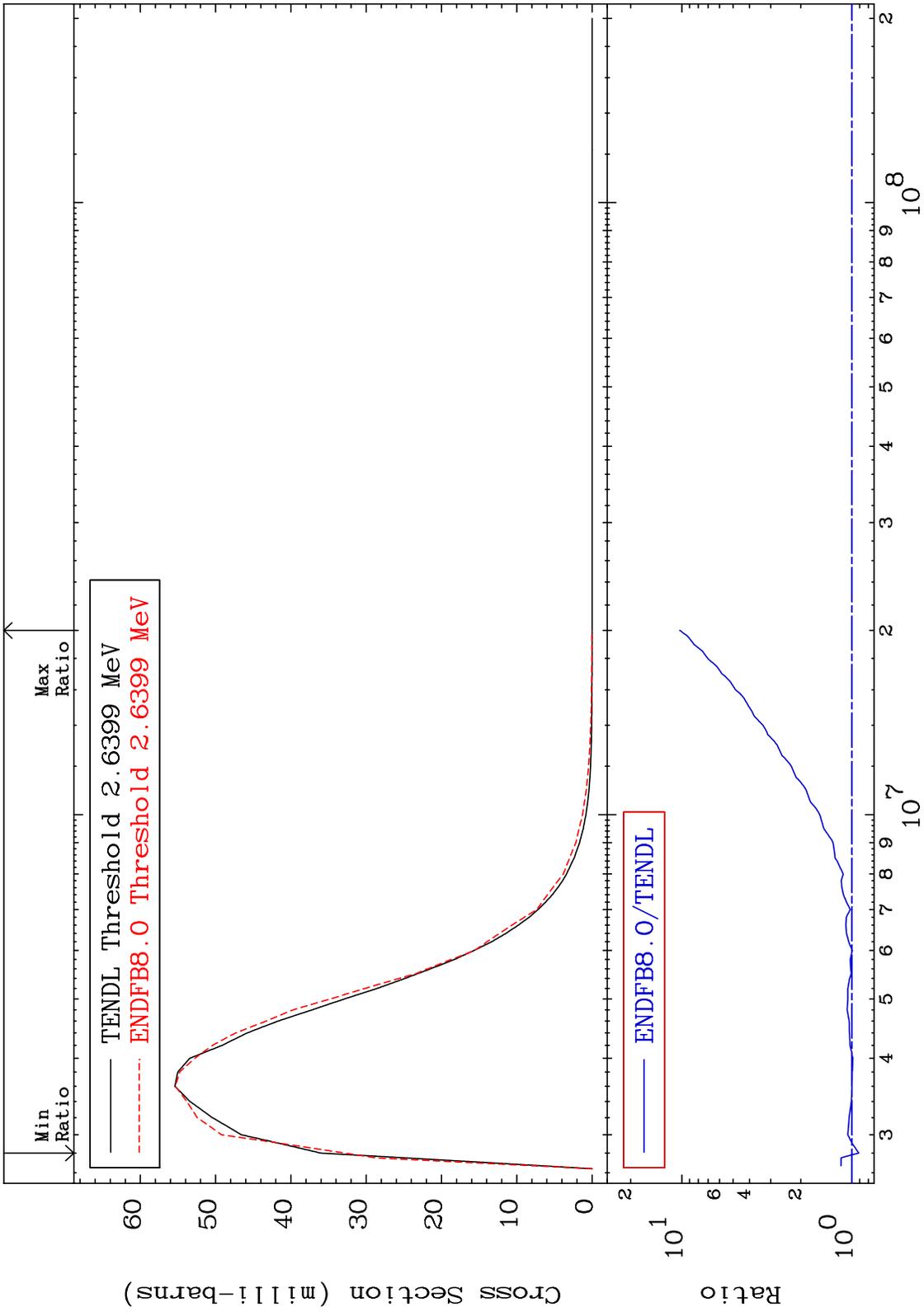
MAT 2028 MT= 52 (n,n') Level Cross Section -15.89 To 965.8 % 20-Ca-41



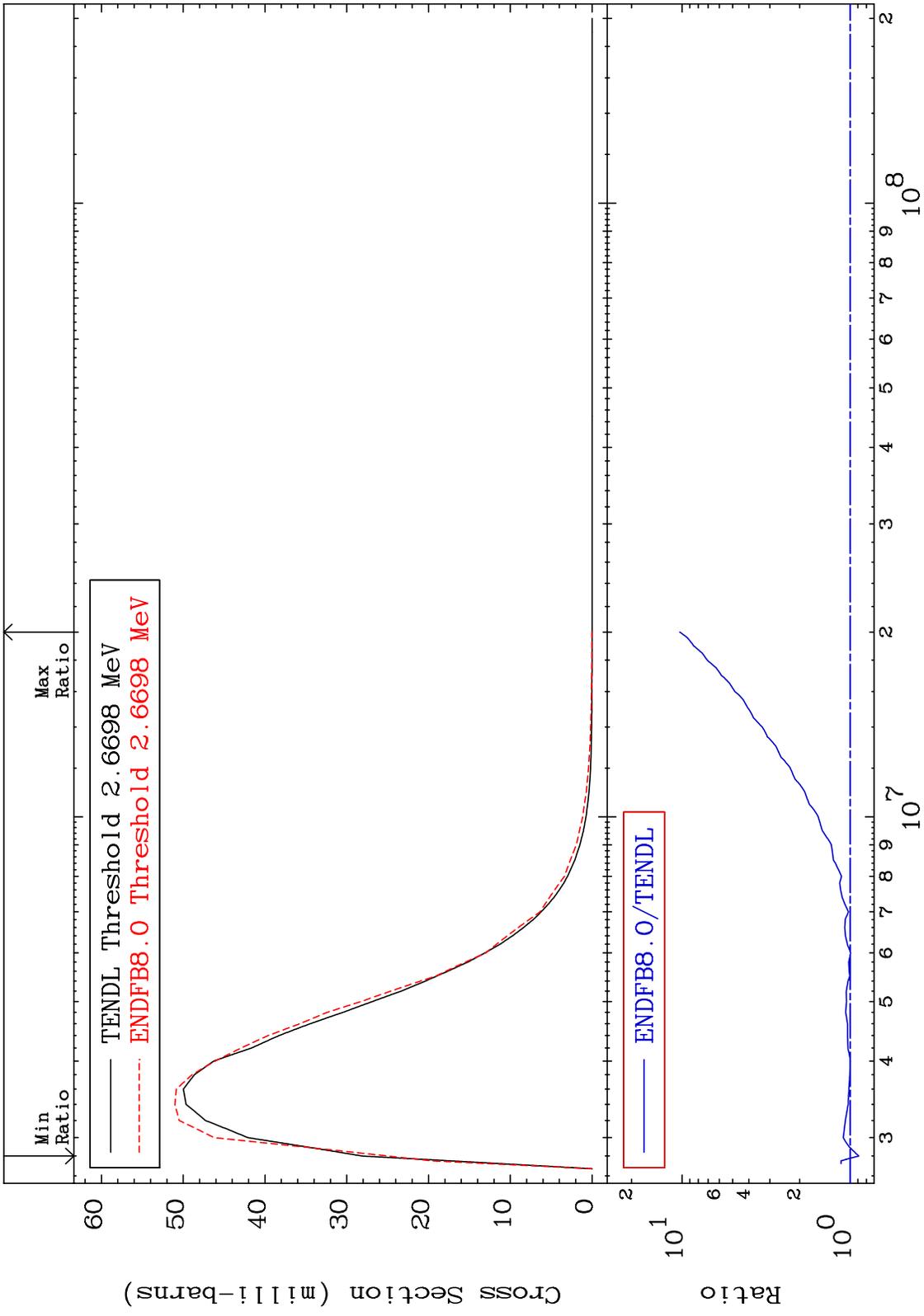
MAT 2028 MT= 53 (n,n') Level Cross Section -34.06 To 966.1 % 20-Ca-41



MAT 2028 MT= 54 (n,n') Level Cross Section -8.895 To 928.5 % 20-Ca-41

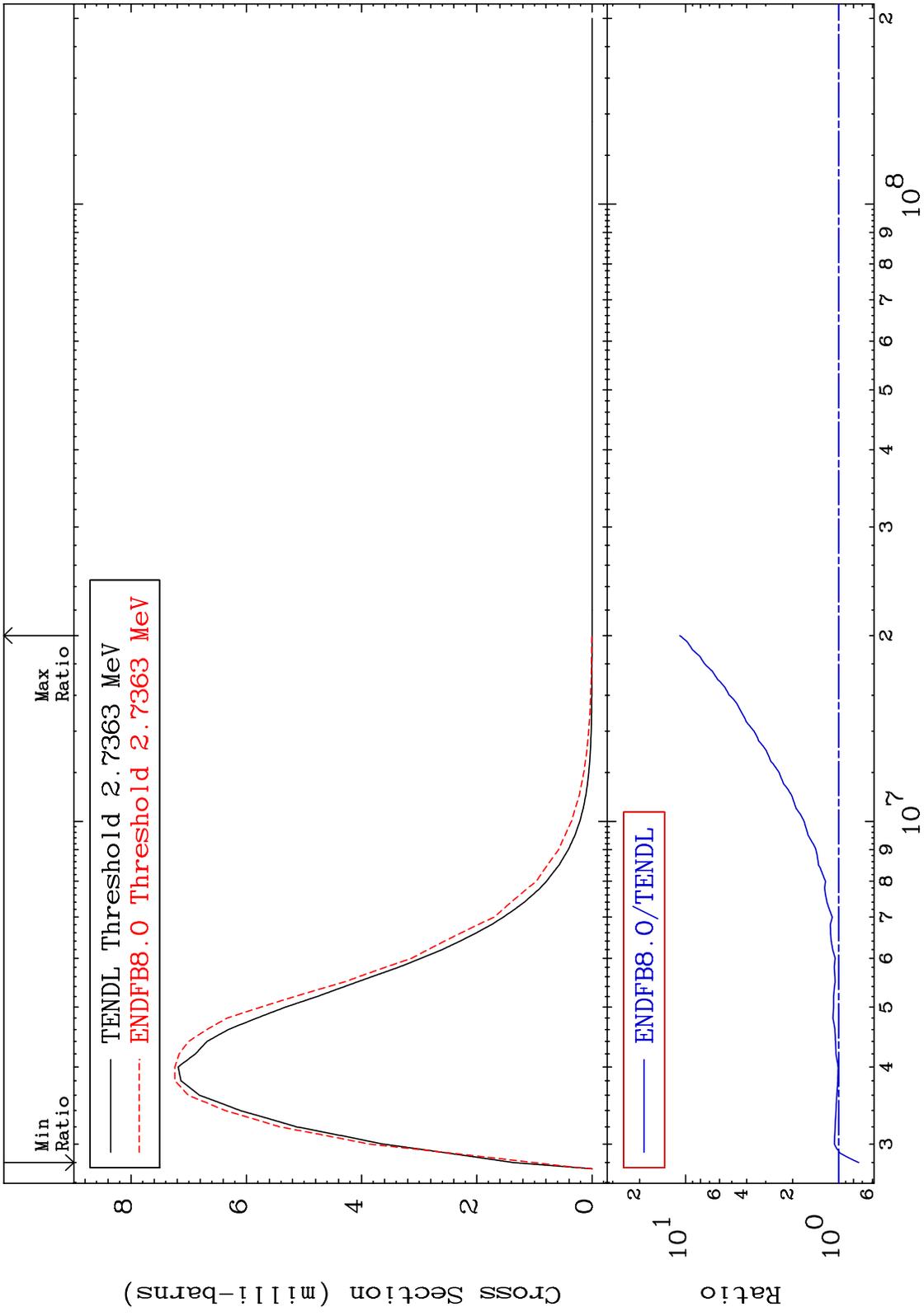


MAT 2028 MT= 55 (n,n') Level Cross Section -11.19 To 932.6 % 20-Ca-41



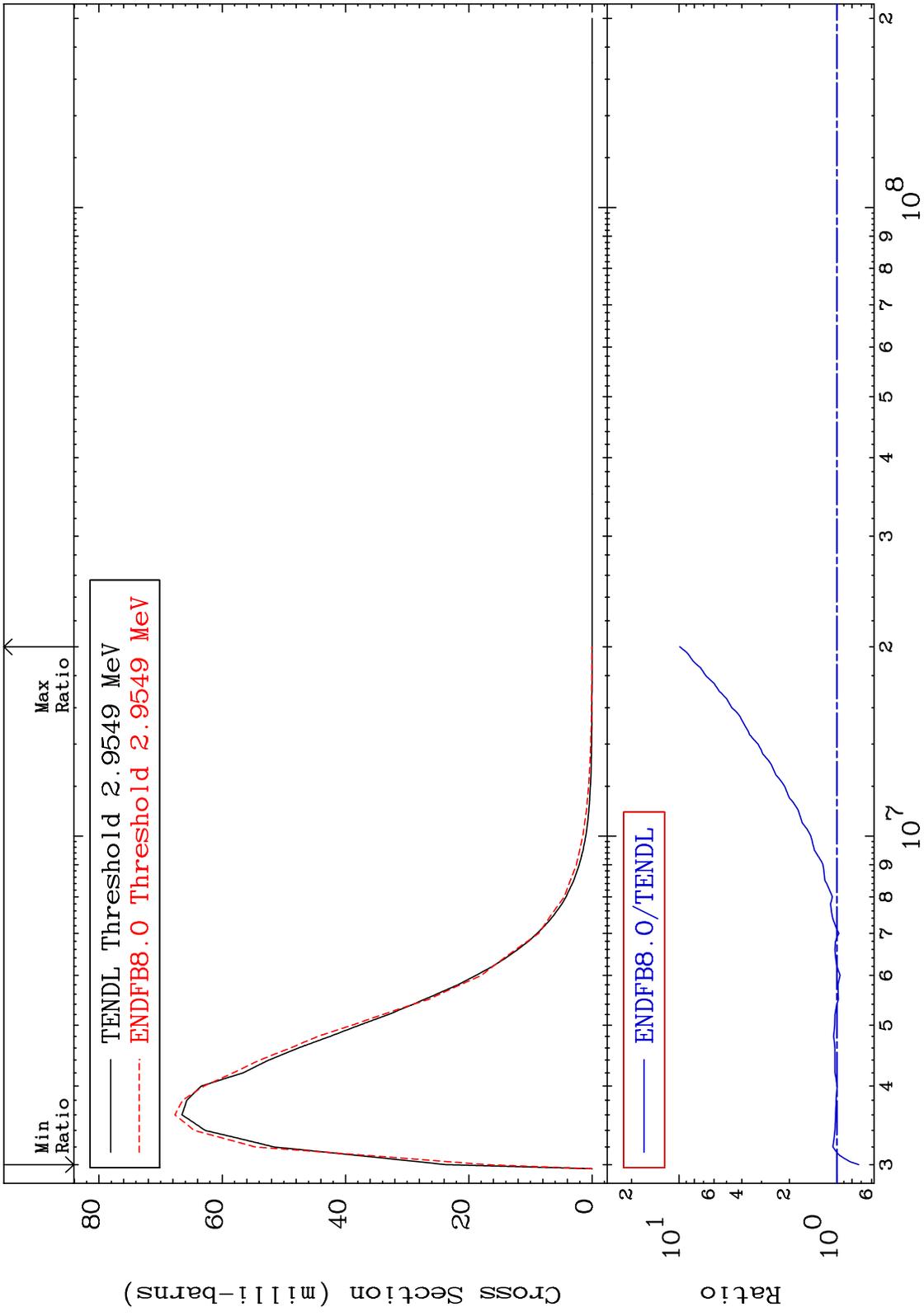
9 Incident Energy (eV) 20-Ca-41

MAT 2028 MT= 56 (n,n') Level Cross Section -26.15 To 993.5 % 20-Ca-41

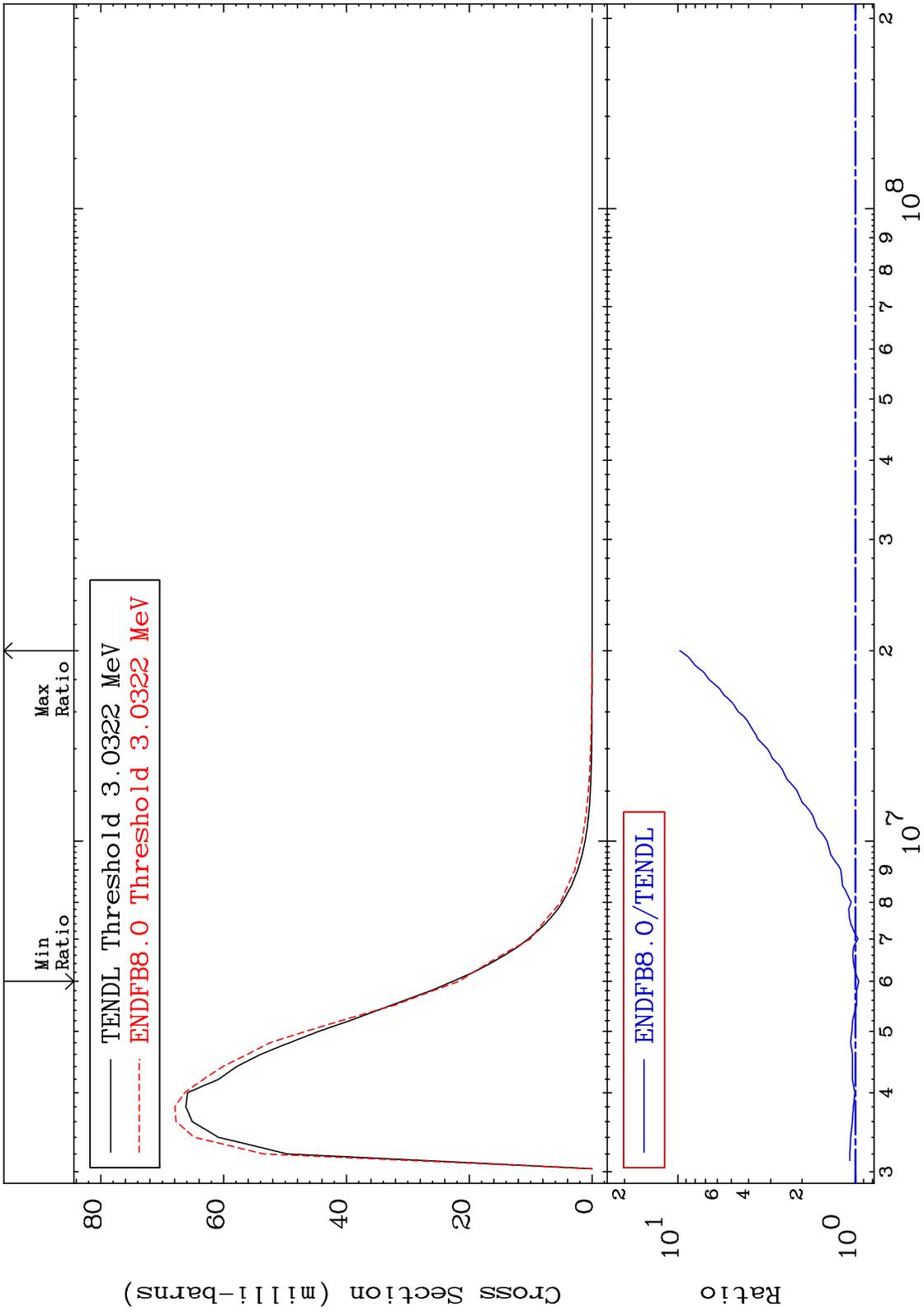


10 10⁰ 10¹ 2 3 4 5 6 7 8 9 10⁸ 20-Ca-41

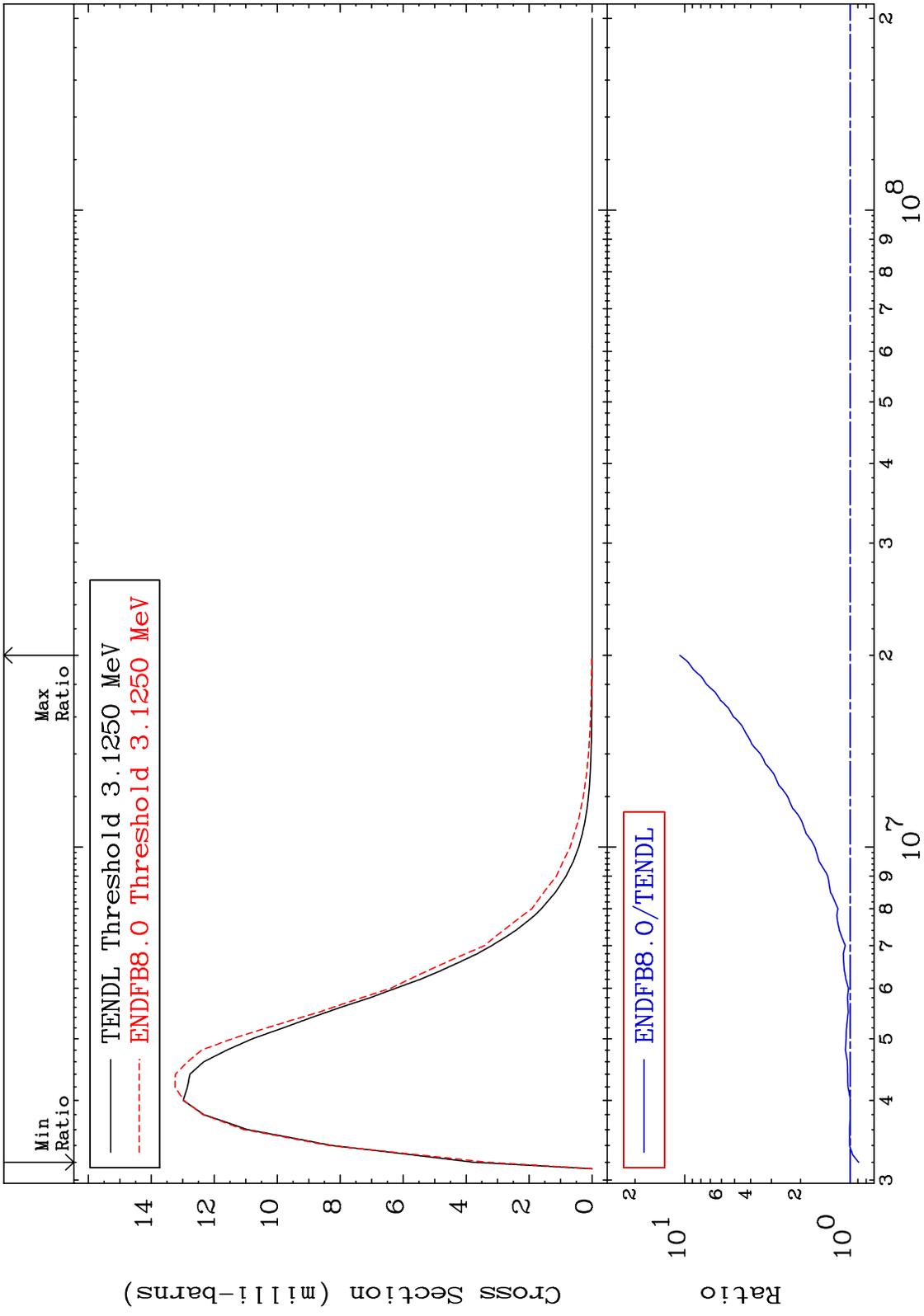
MAT 2028 MT= 57 (n,n') Level Cross Section -27.51 To 889.2 % 20-Ca-41



MAT 2028 MT= 58 (n,n') Level Cross Section -4.280 To 877.6 % 20-Ca-41

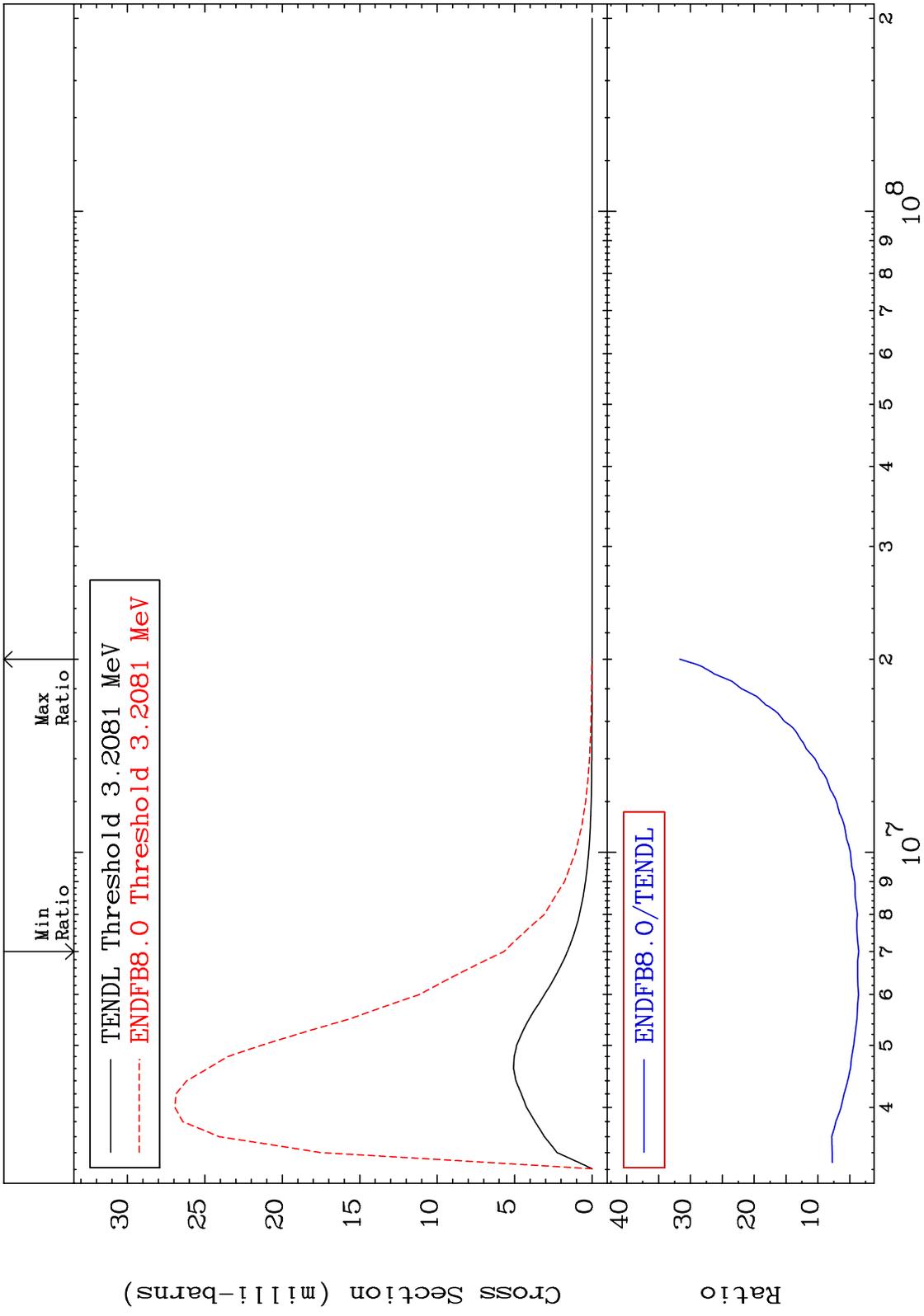


MAT 2028 MT= 59 (n,n') Level Cross Section -11.19 To 972.9 % 20-Ca-41

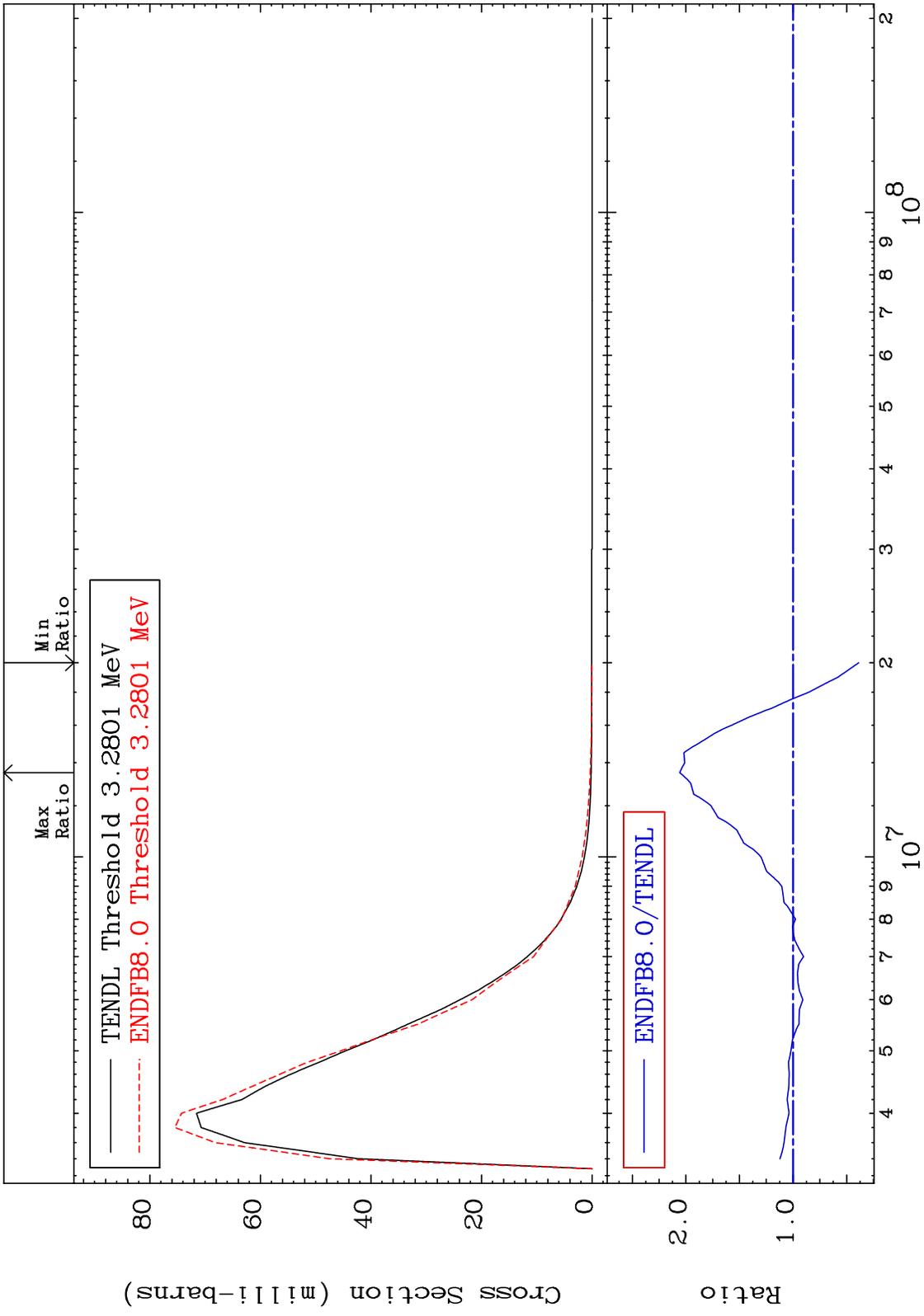


13 Incident Energy (eV) 20-Ca-41

MAT 2028 MT= 60 (n,n') Level Cross Section 20-Ca-41 257.2 To 3068. %



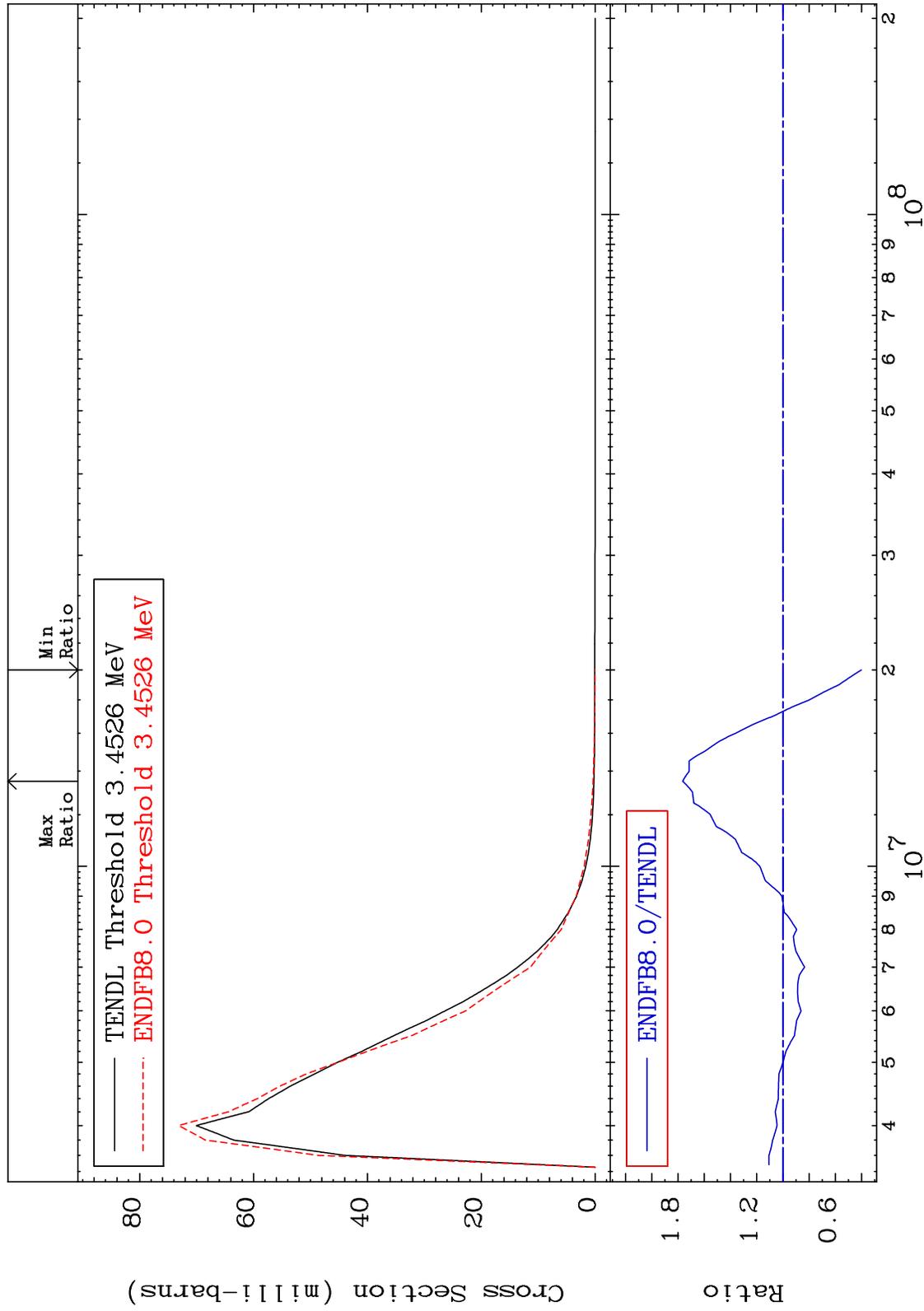
MAT 2028 MT= 61 (n,n') Level Cross Section -61.38 To 105.7 % 20-Ca-41



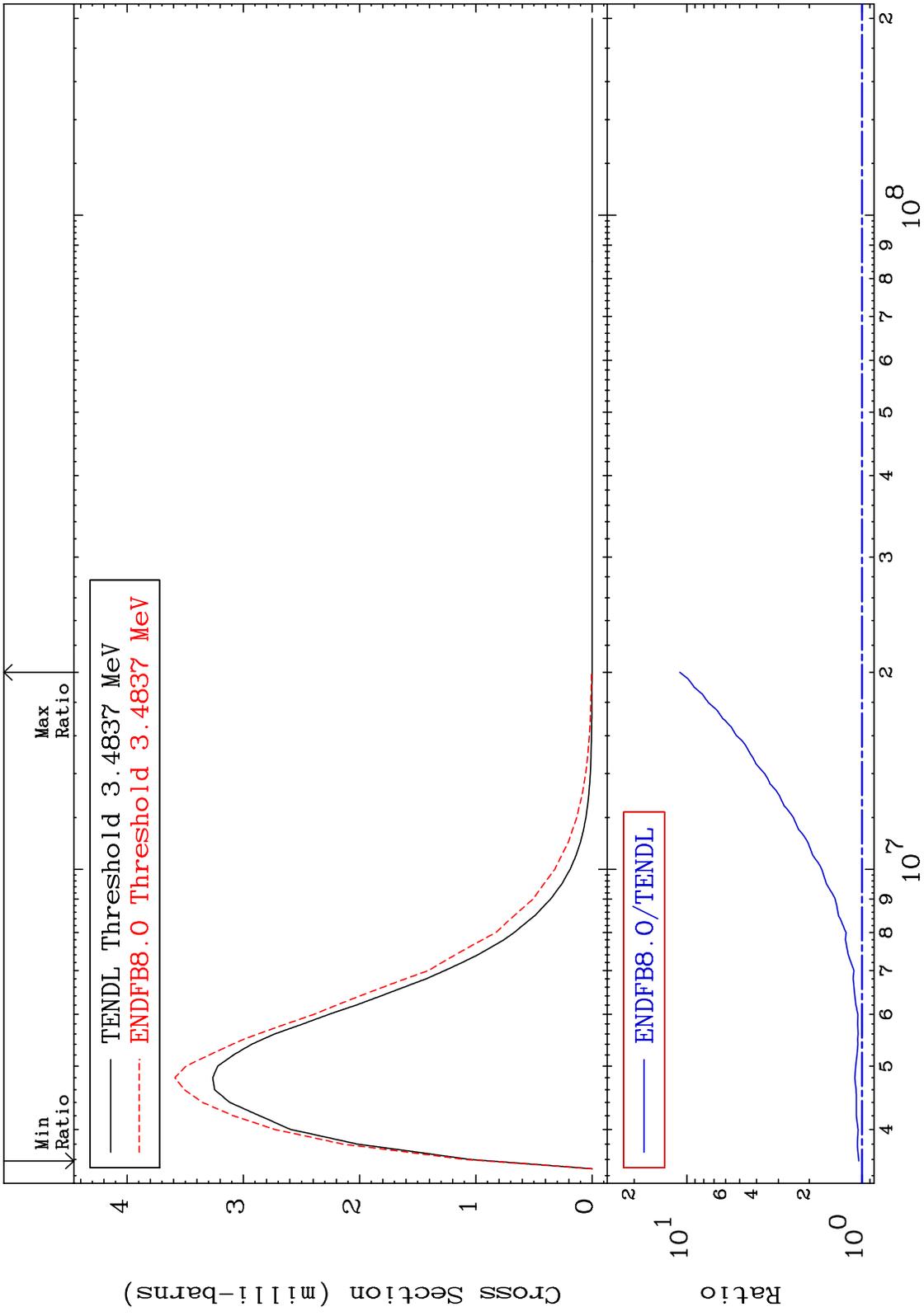
MAT 2028

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

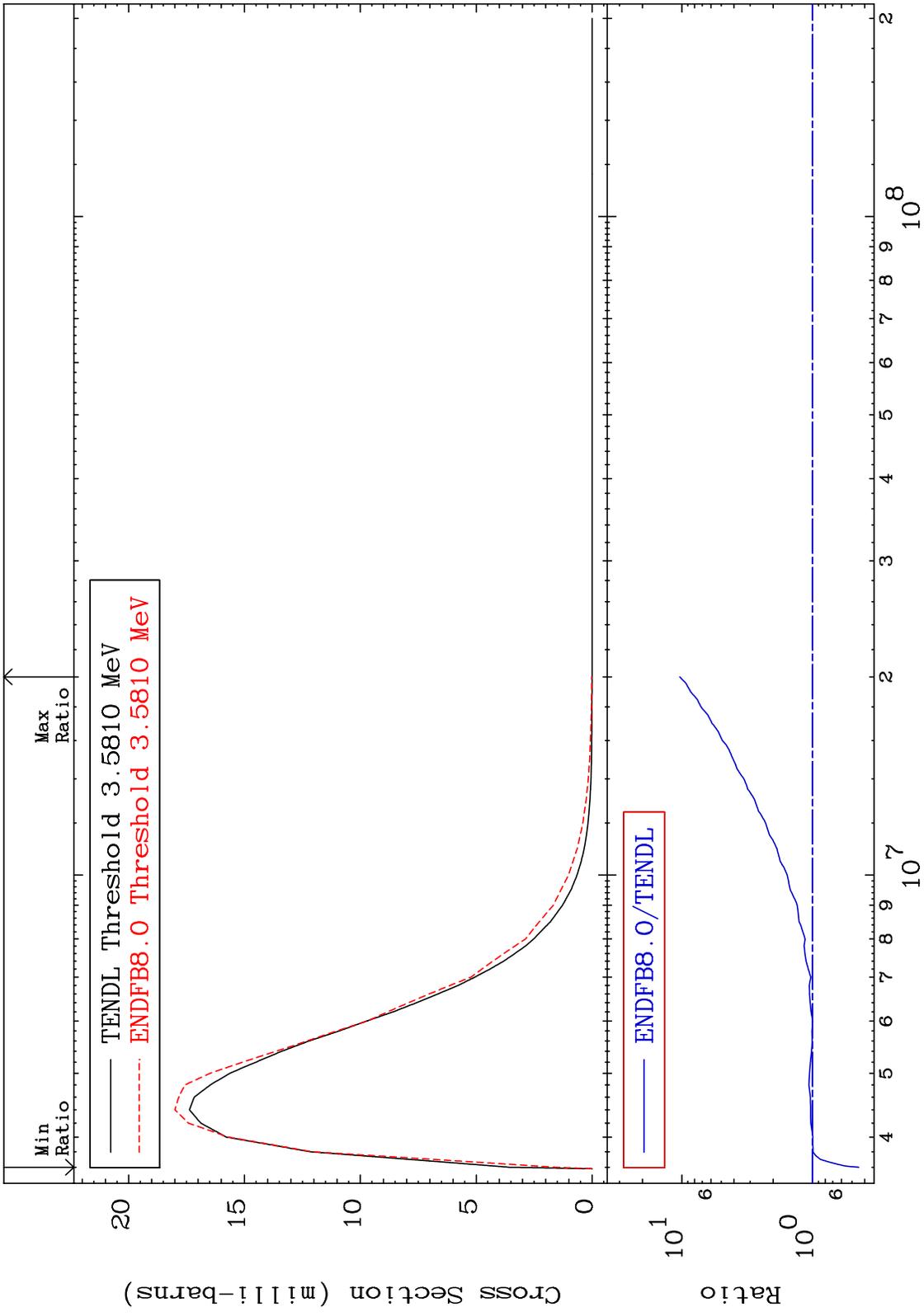
20-Ca-41
-59.90 To 76.48 %



MAT 2028 MT= 63 (n,n') Level Cross Section 20-Ca-41 4.274 To 998.6 %

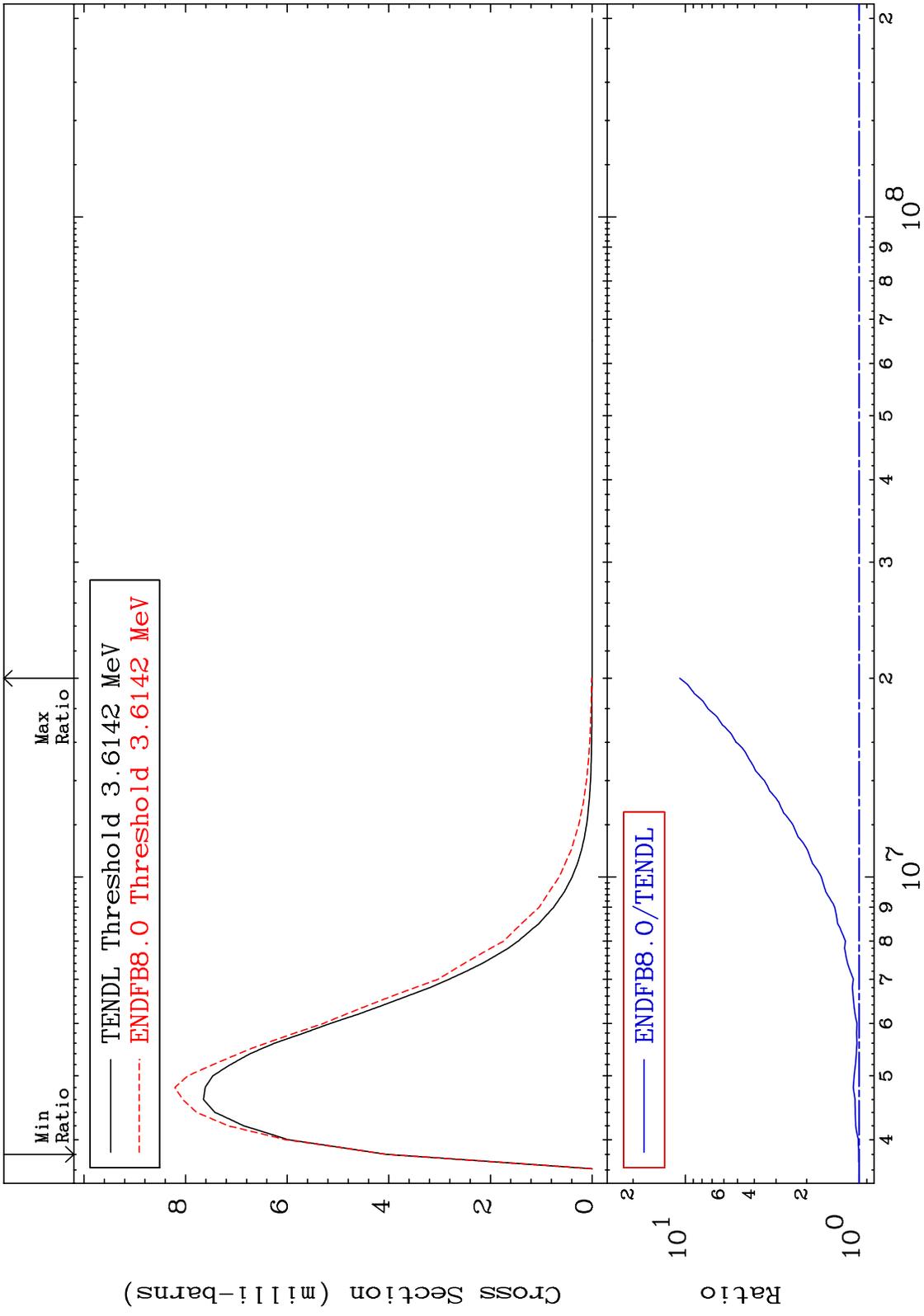


MAT 2028 MT= 64 (n,n') Level Cross Section -55.72 To 938.6 % 20-Ca-41

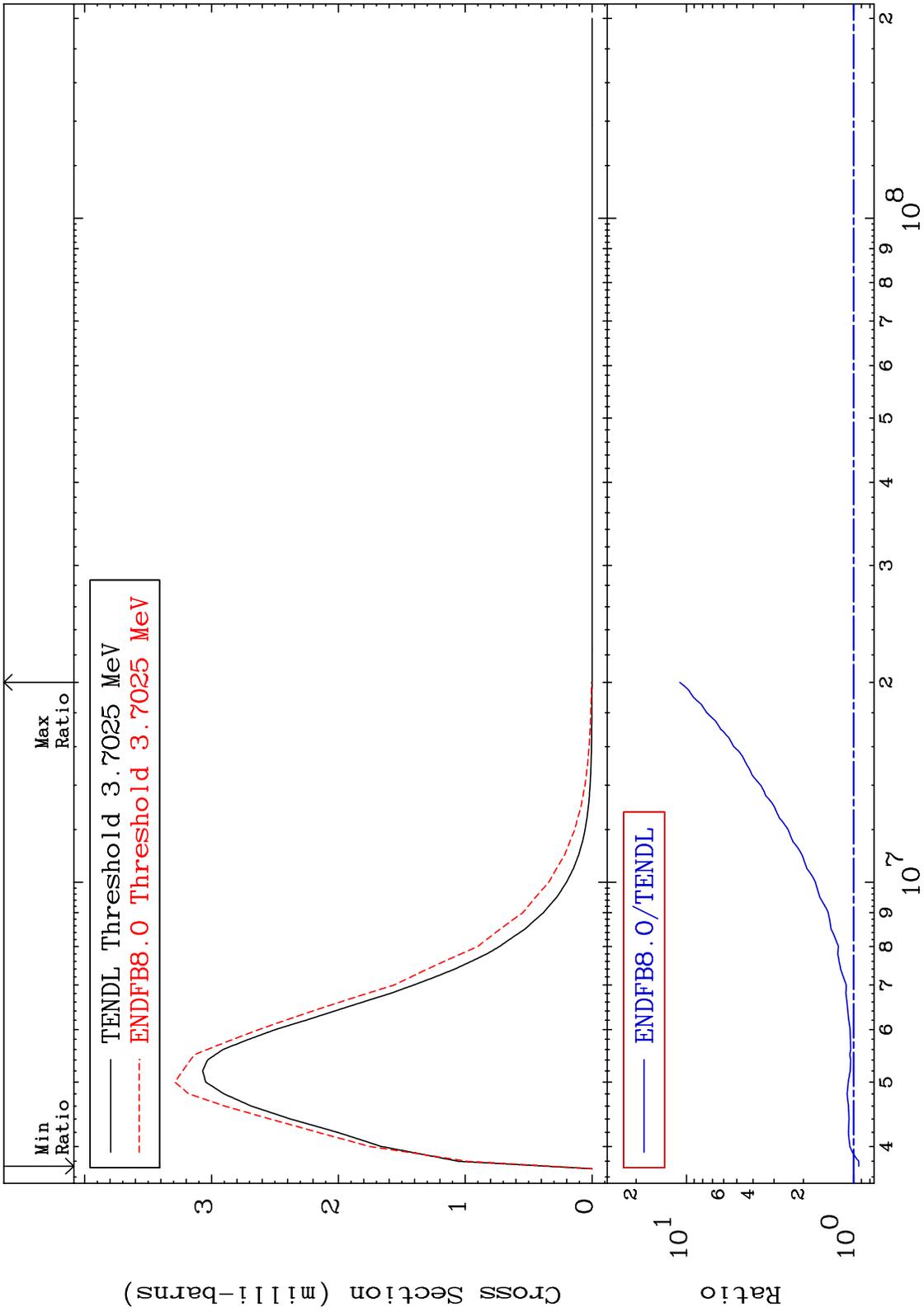


18 Incident Energy (eV) 20-Ca-41

MAT 2028 MT= 65 (n,n') Level Cross Section 20-Ca-41 0.145 To 976.2 %



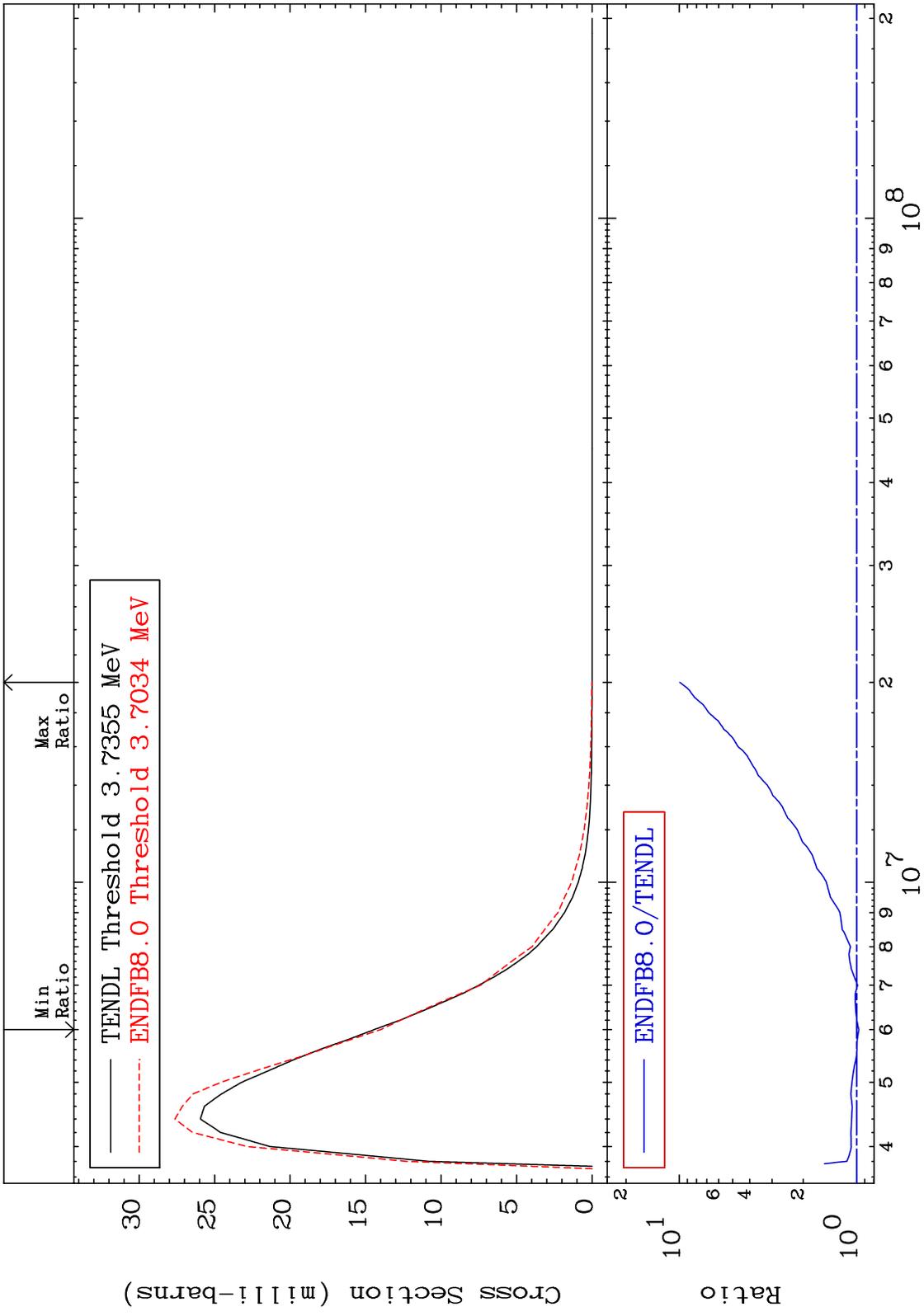
MAT 2028 MT= 66 (n,n') Level Cross Section -6.656 To 997.7 % 20-Ca-41



20

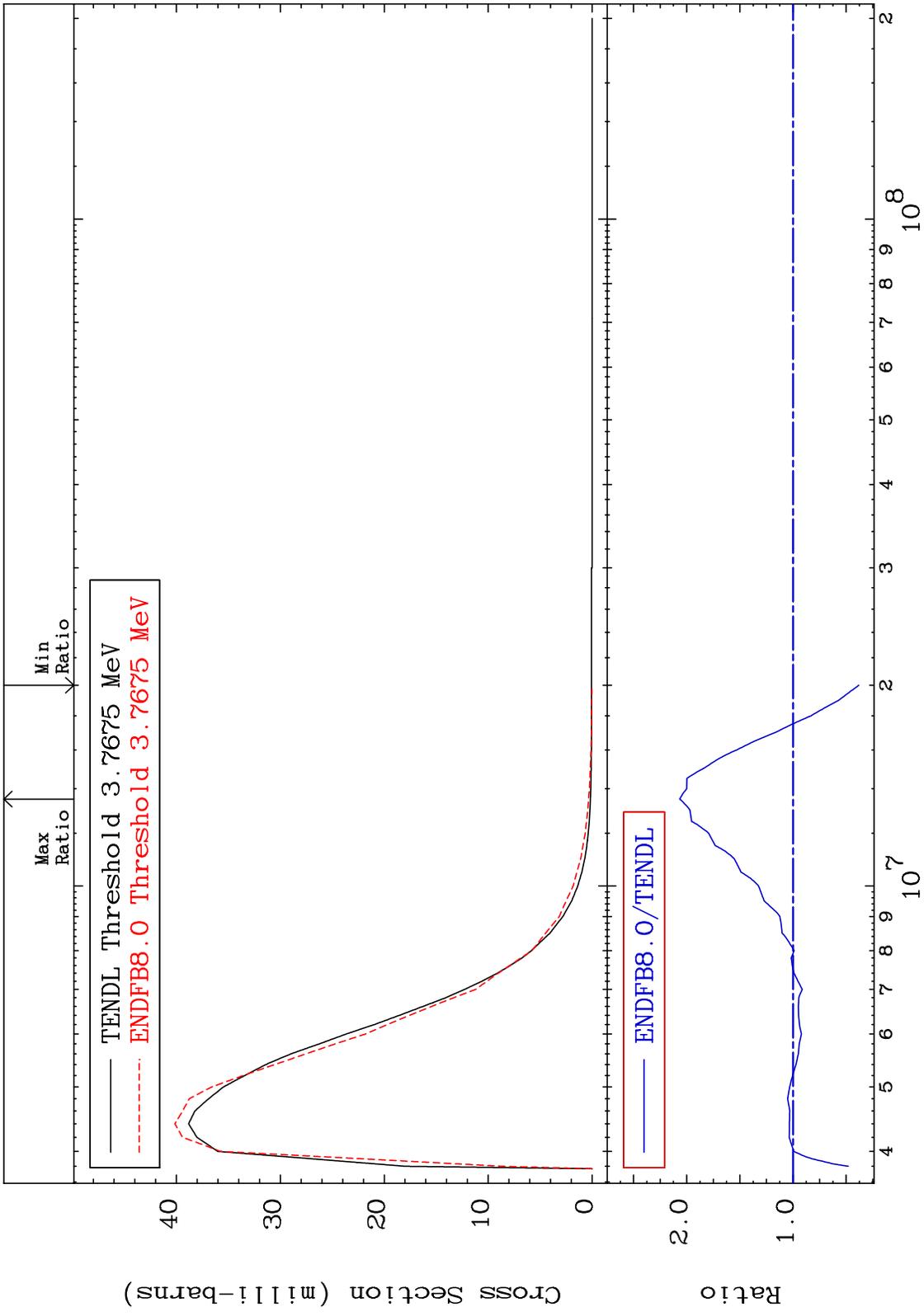
20-Ca-41

MAT 2028 MT= 67 (n,n') Level Cross Section -2.979 To 894.7 % 20-Ca-41

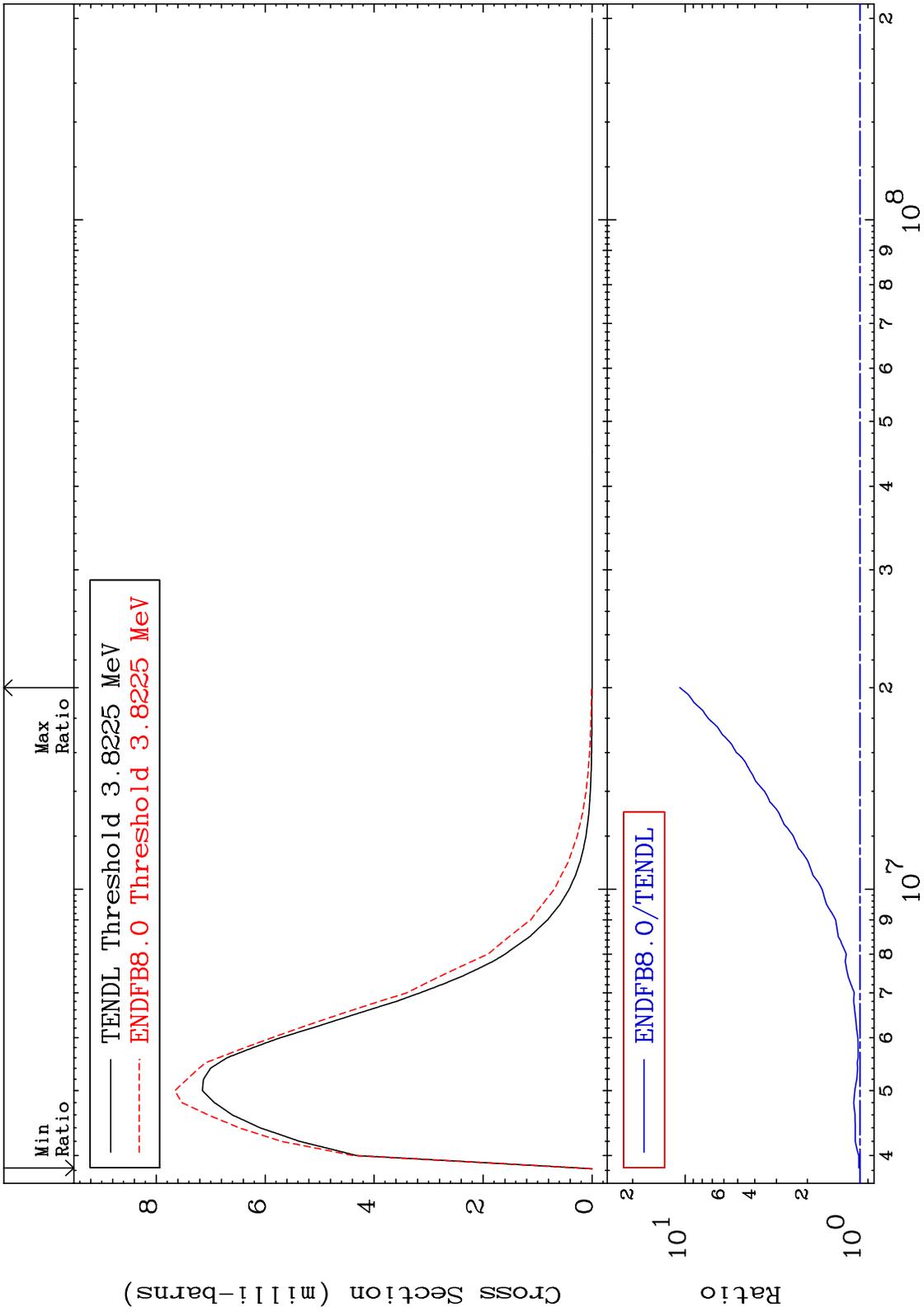


21 Incident Energy (eV) 20-Ca-41

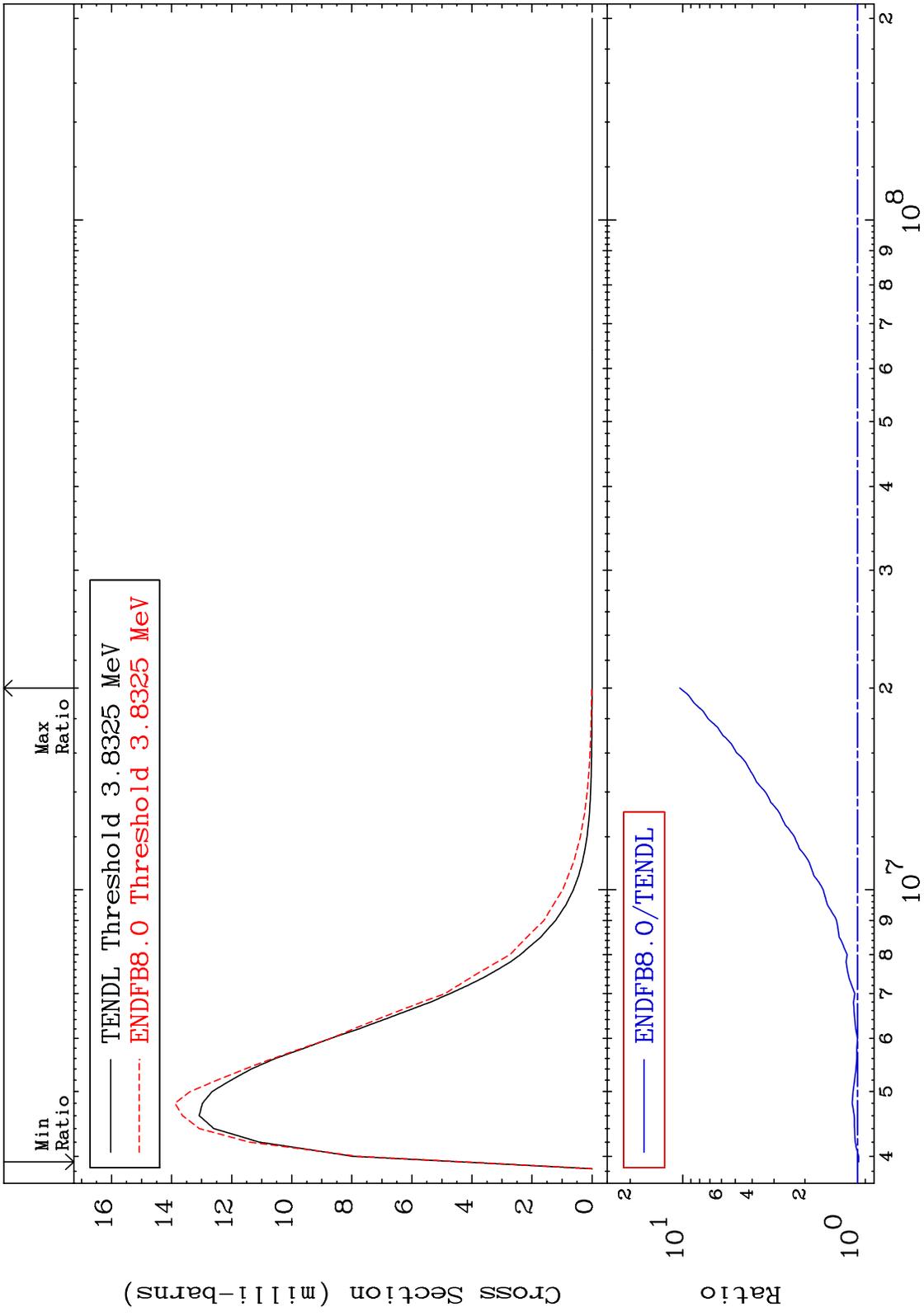
MAT 2028 MT= 68 (n,n') Level Cross Section -61.91 To 106.6 % 20-Ca-41



MAT 2028 MT= 69 (n,n') Level Cross Section 20-Ca-41 To 974.4 %
 1.456



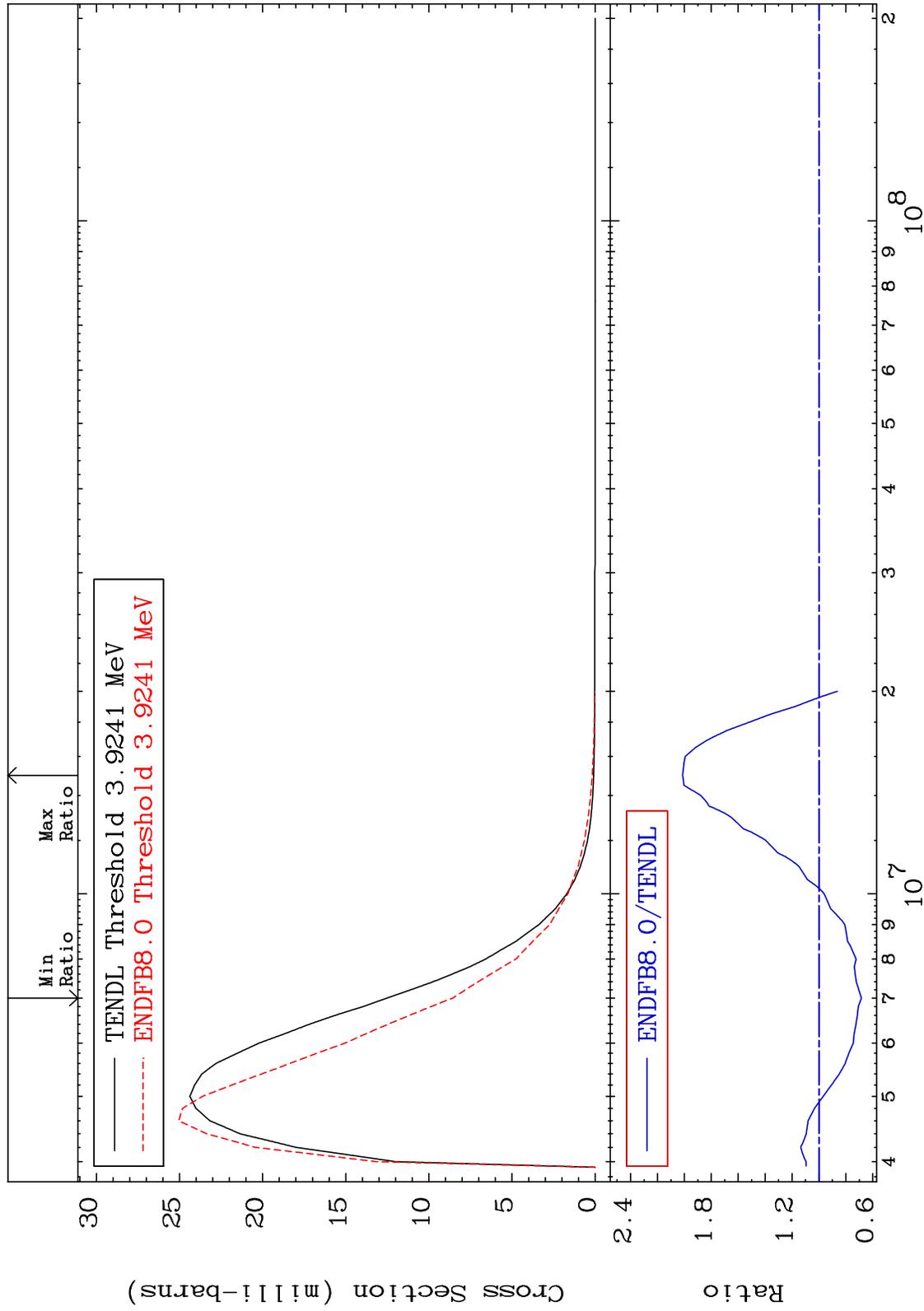
MAT 2028 MT= 70 (n,n') Level Cross Section -1.869 To 940.3 % 20-Ca-41



MAT 2028

MT= 71 (n,n') Level
Cross Section

20-Ca-41
-31.57 To 101.3 %

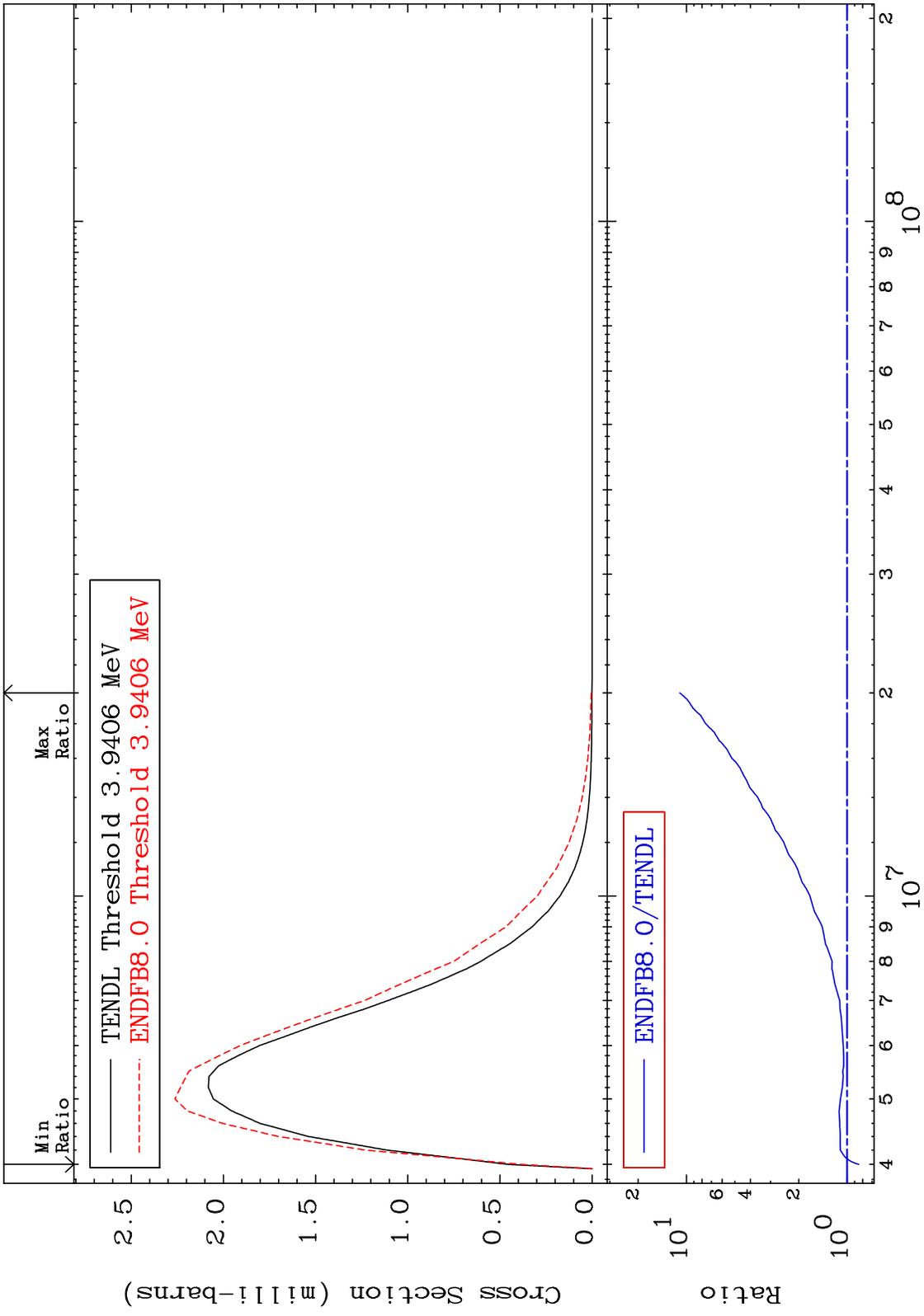


25

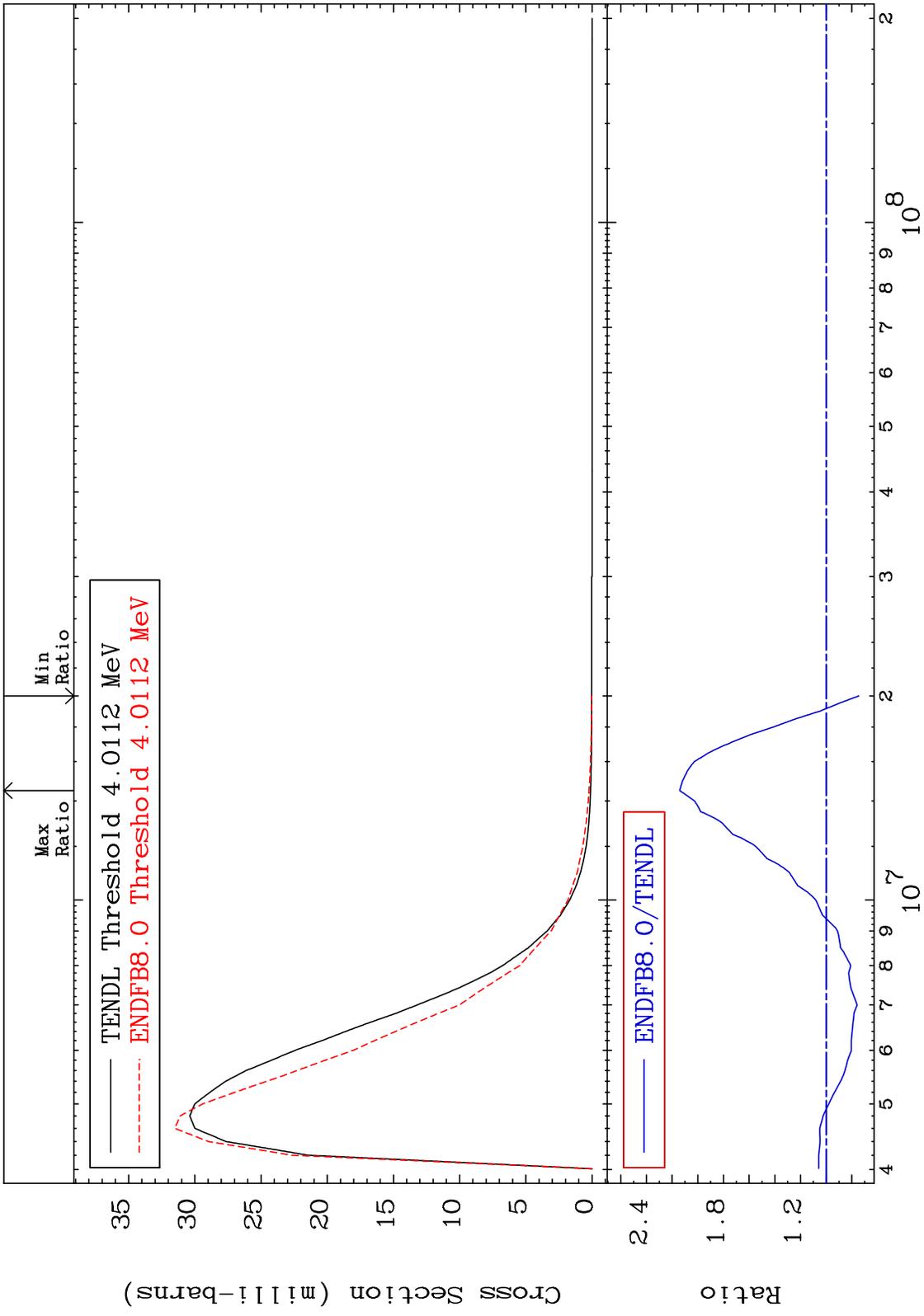
Incident Energy (eV)

20-Ca-41

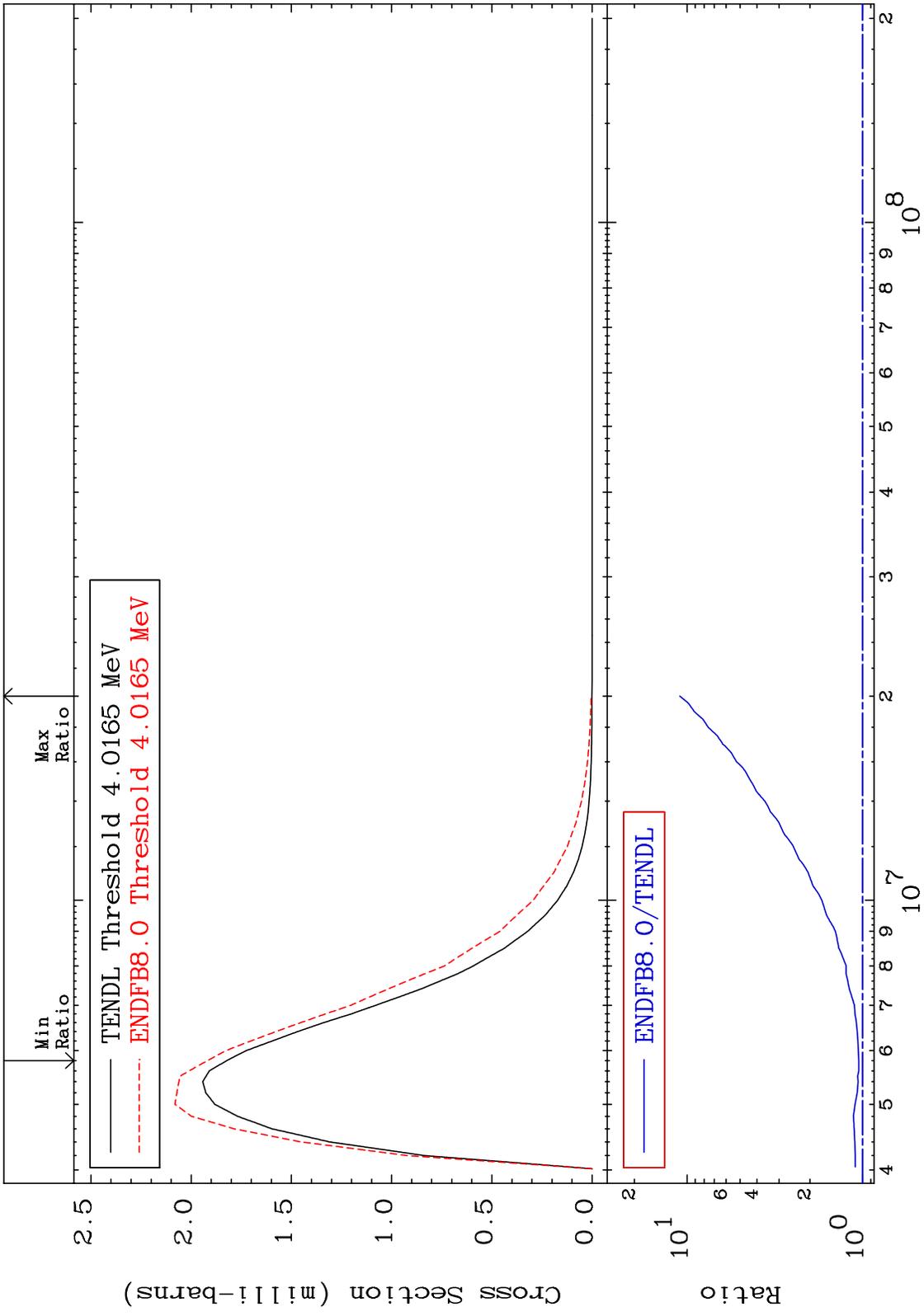
MAT 2028 MT= 72 (n,n') Level Cross Section -15.30 To 1002. % 20-Ca-41



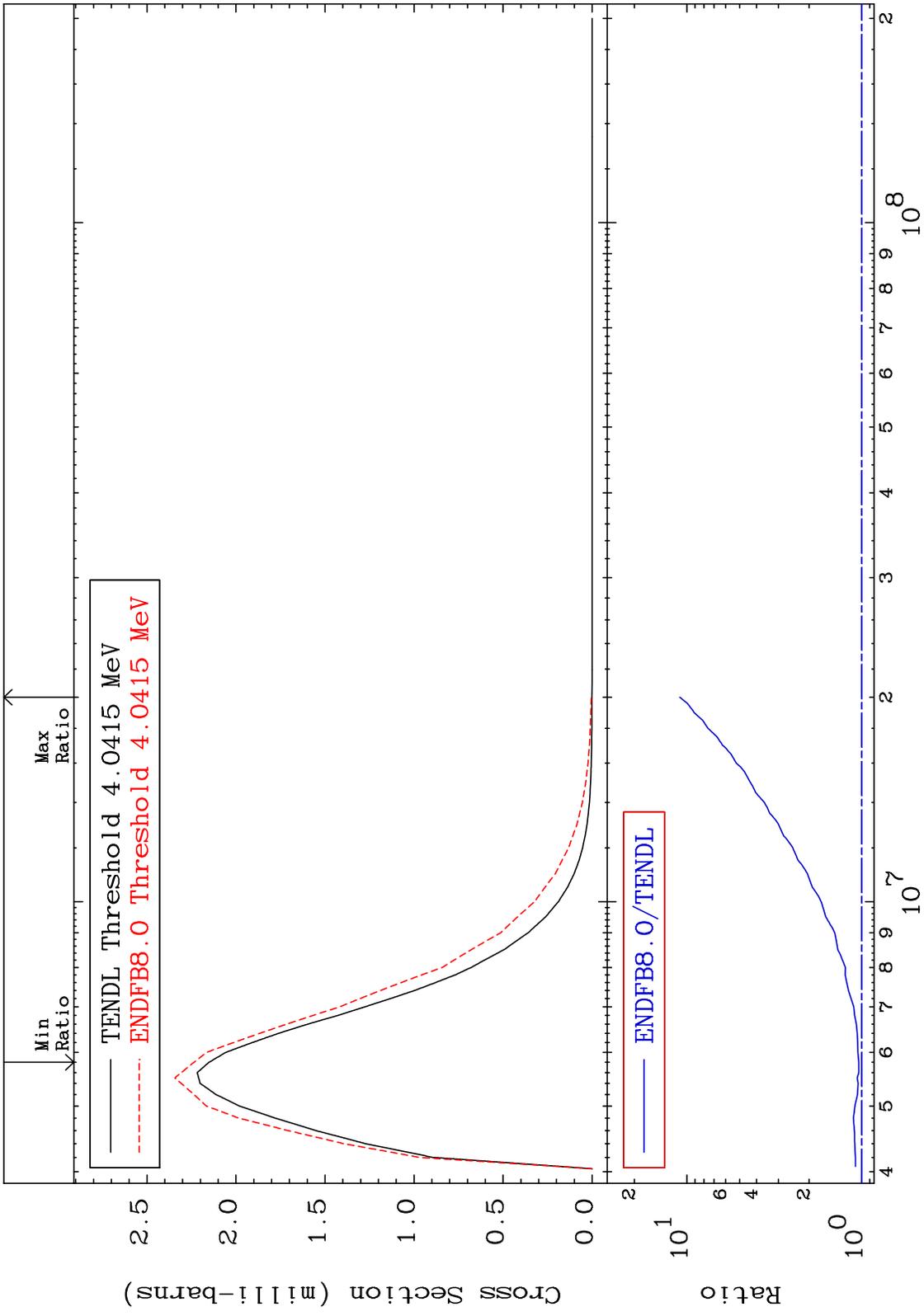
MAT 2028 MT= 73 (n,n') Level Cross Section -25.43 To 114.1 % 20-Ca-41



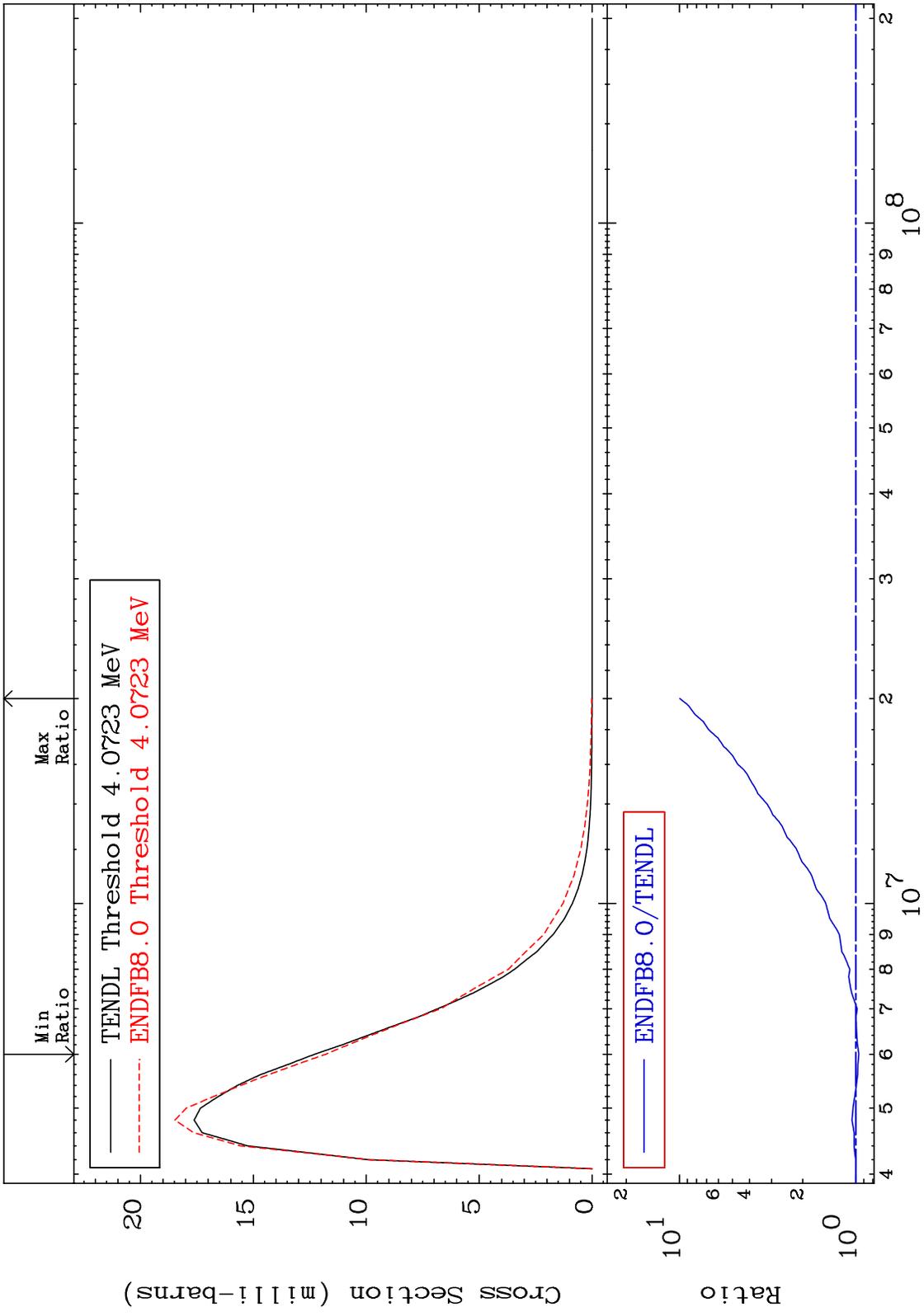
MAT 2028 MT= 74 (n,n') Level Cross Section 20-Ca-41 To 1002. %
 5.263



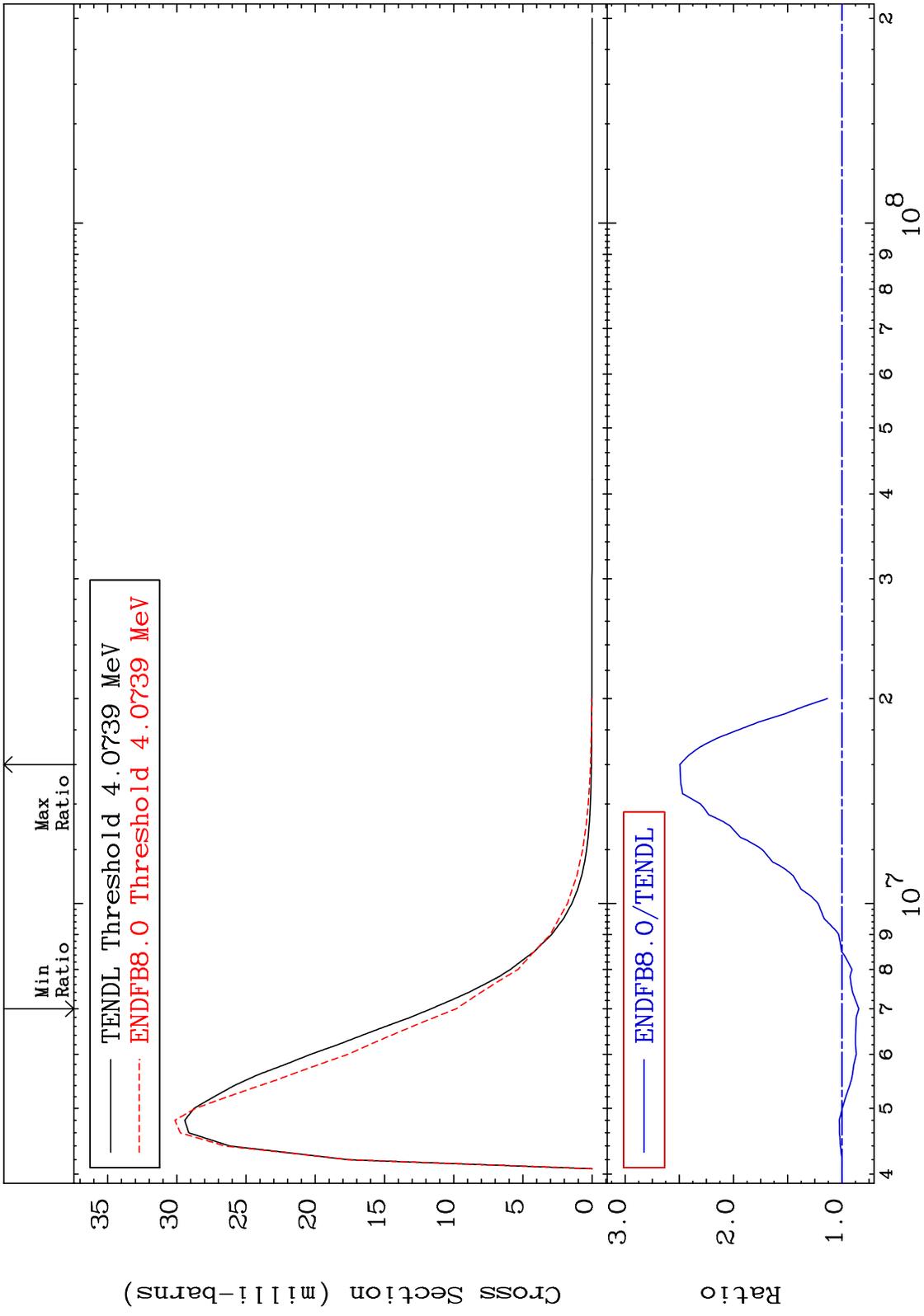
MAT 2028 MT= 75 (n,n') Level Cross Section 20-Ca-41
 3.919 To 1000.0%



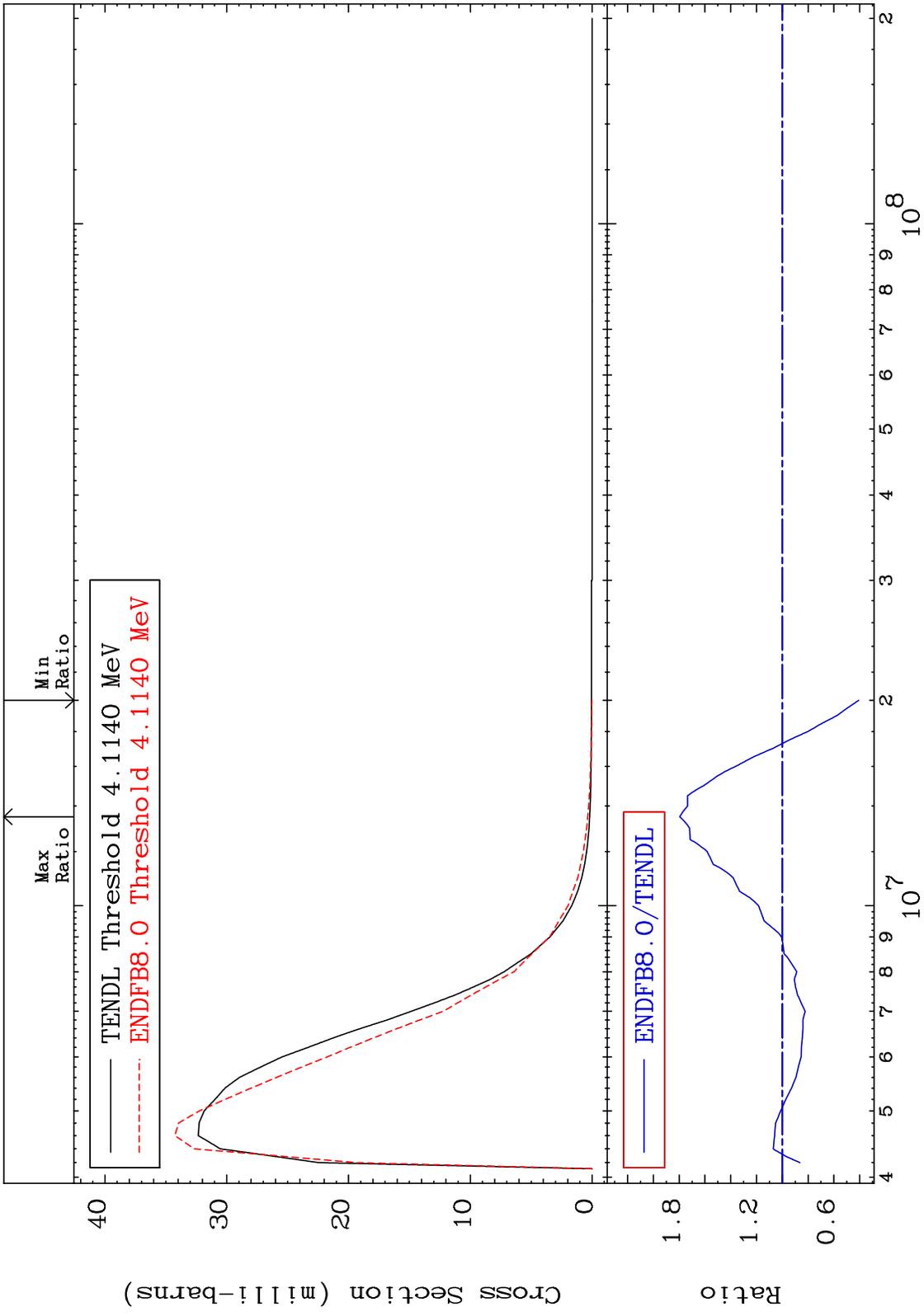
MAT 2028 MT= 76 (n,n') Level Cross Section -4.001 To 895.1 % 20-Ca-41



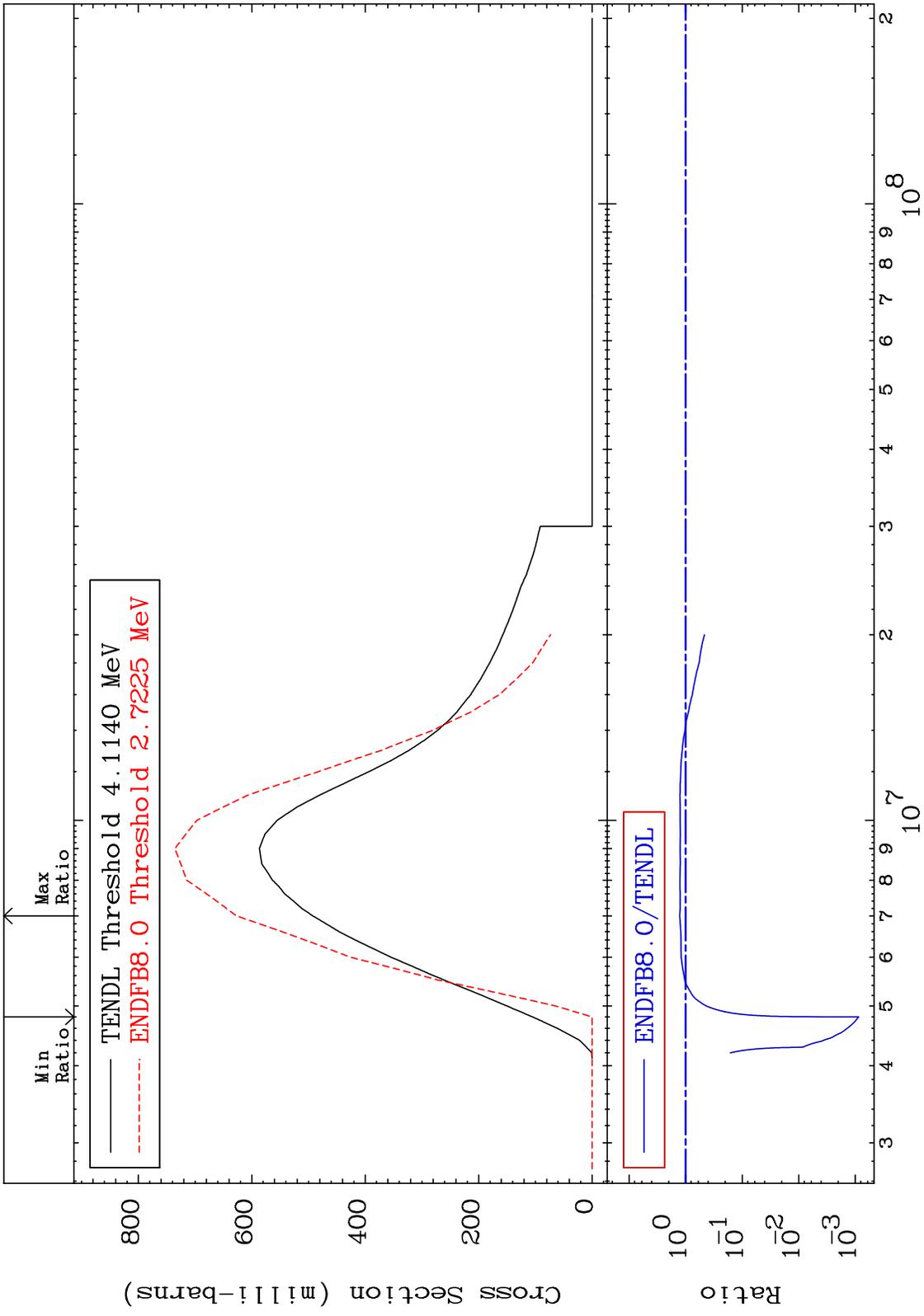
30 Incident Energy (eV) 20-Ca-41



MAT 2028 MT= 78 (n,n') Level Cross Section -59.36 To 79.56 % 20-Ca-41

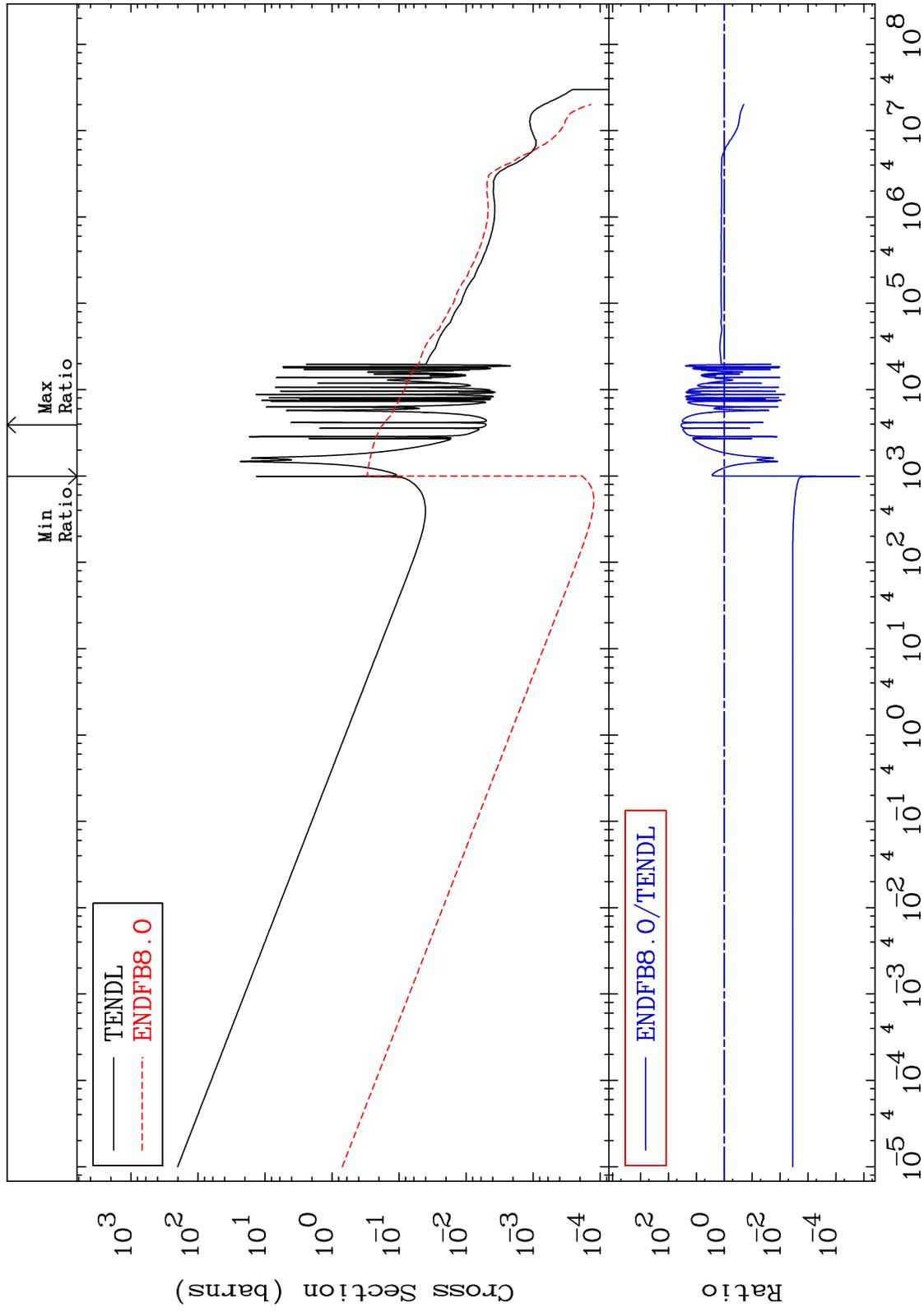


MAT 2028 (n,n') Continuum Cross Section 20-Ca-41 -99.91 To 27.37 %



MAT 2028

(n, γ) Cross Section
-100.0 To 3377. %
20-Ca-41



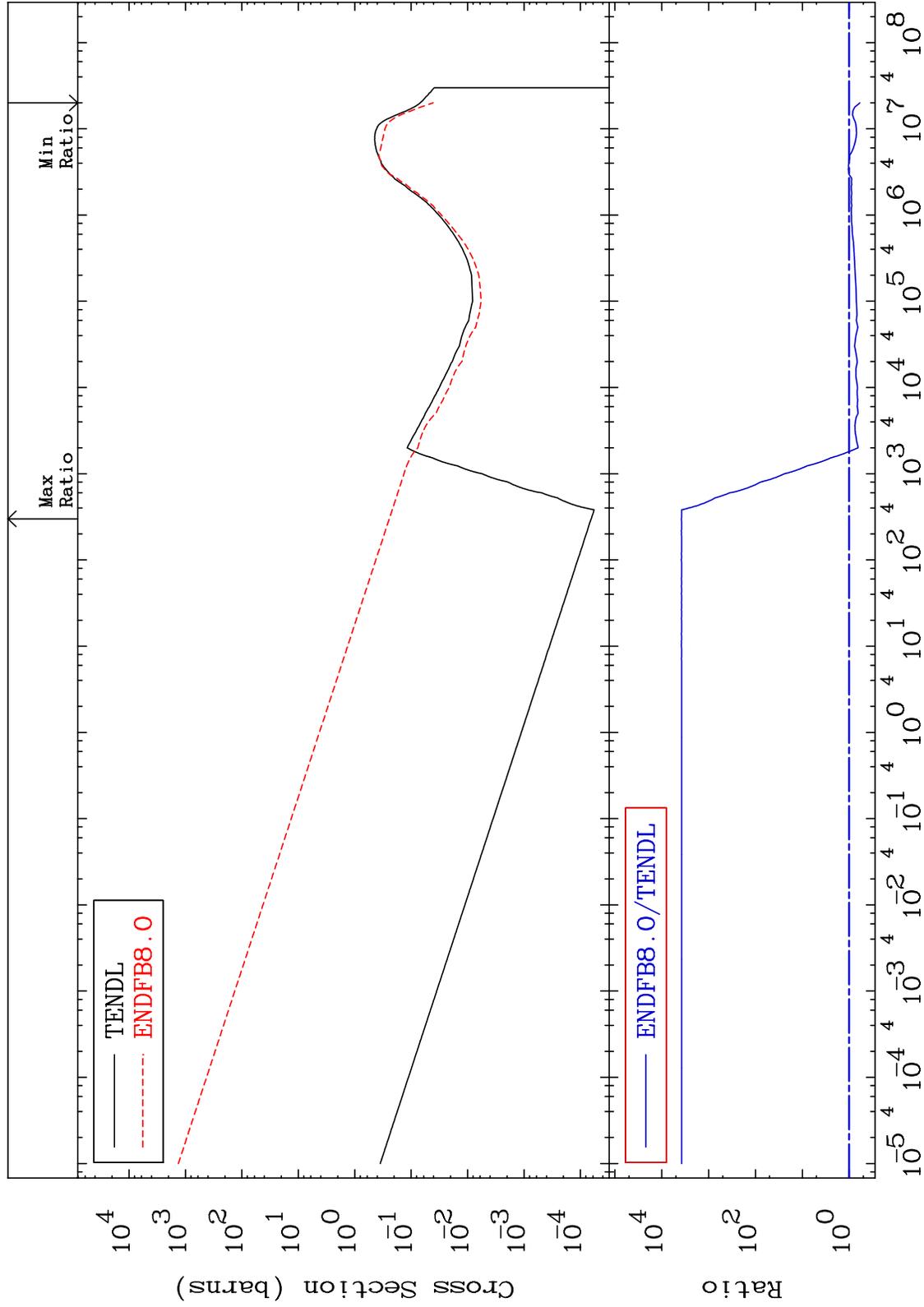
MAT 2028

(n,p)

20-Ca-41

Cross Section

-40.72 To 9999. %



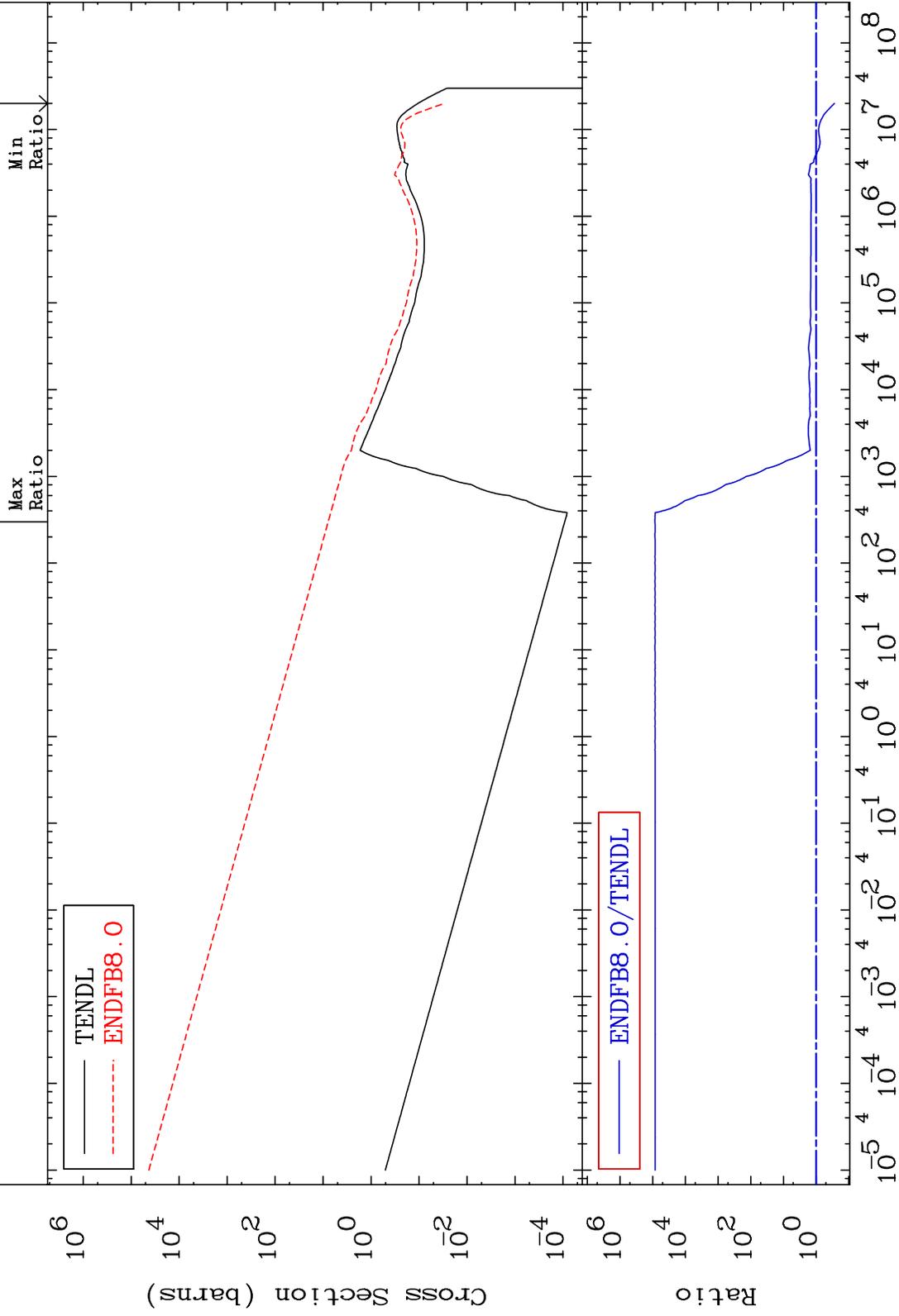
MAT 2028

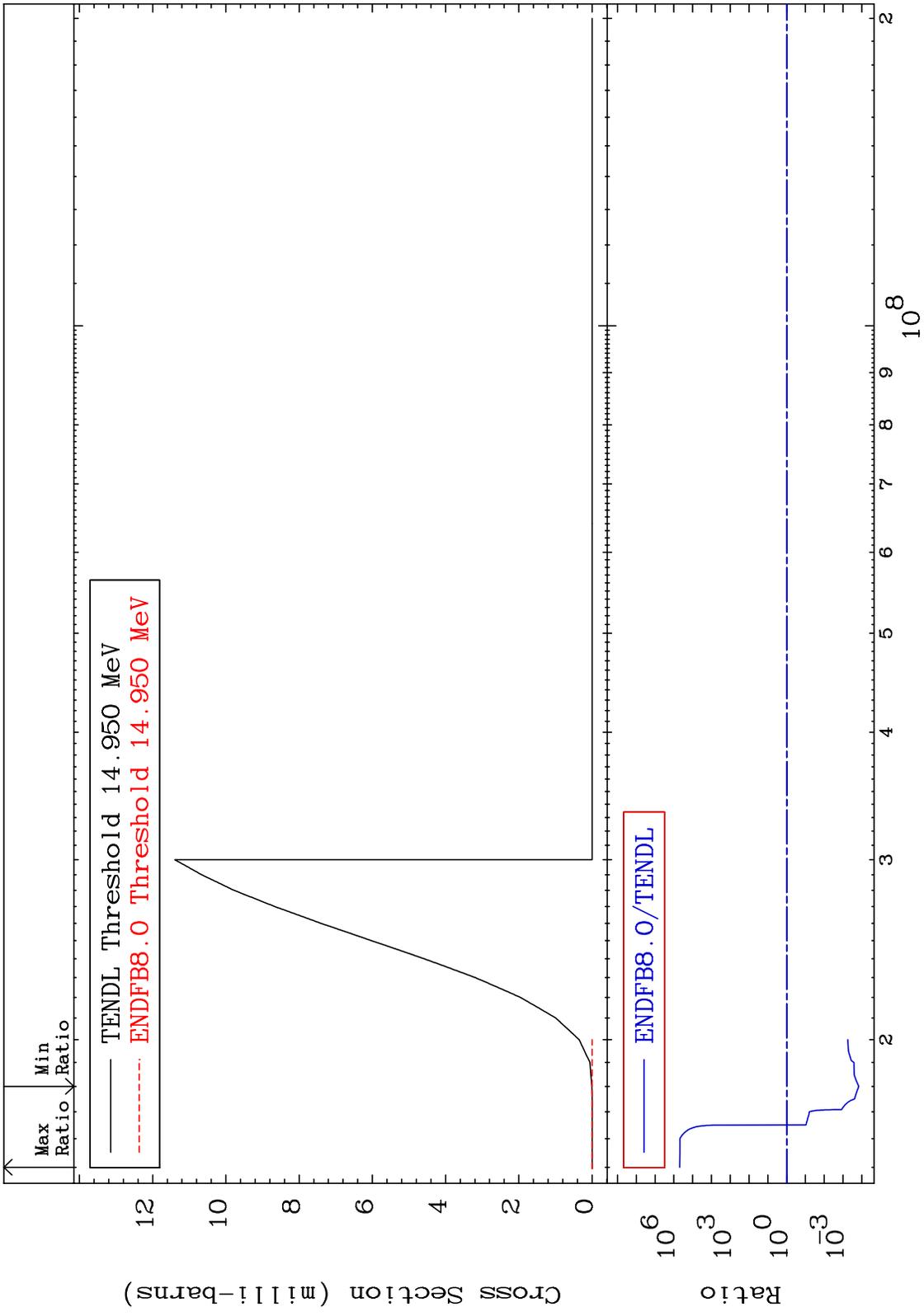
(n, α)

20-Ca-41

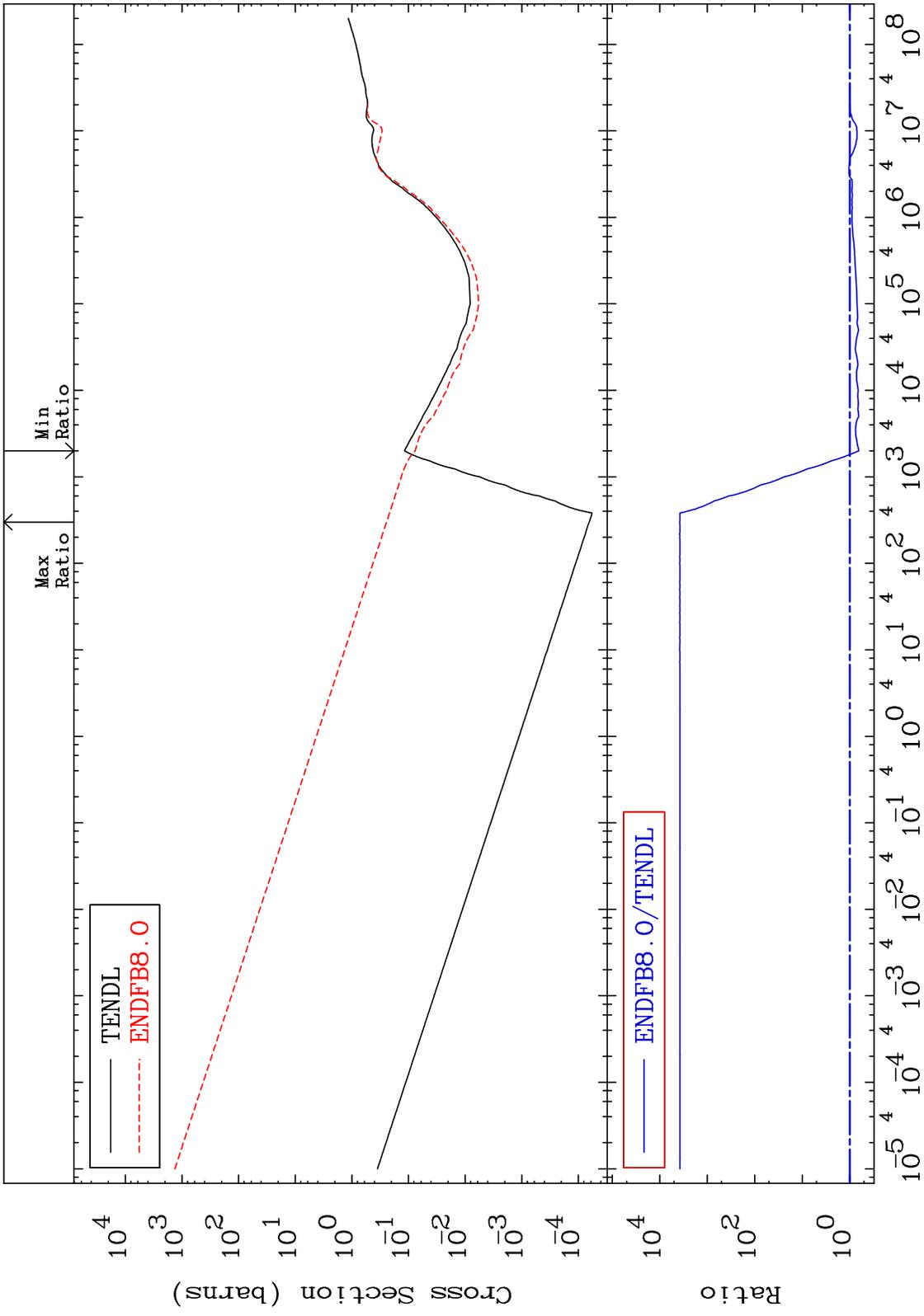
-72.56 To 9999. %

Cross Section





MAT 2028 20-Ca-41 -35.50 To 9999. % Hydrogen Production Cross Section

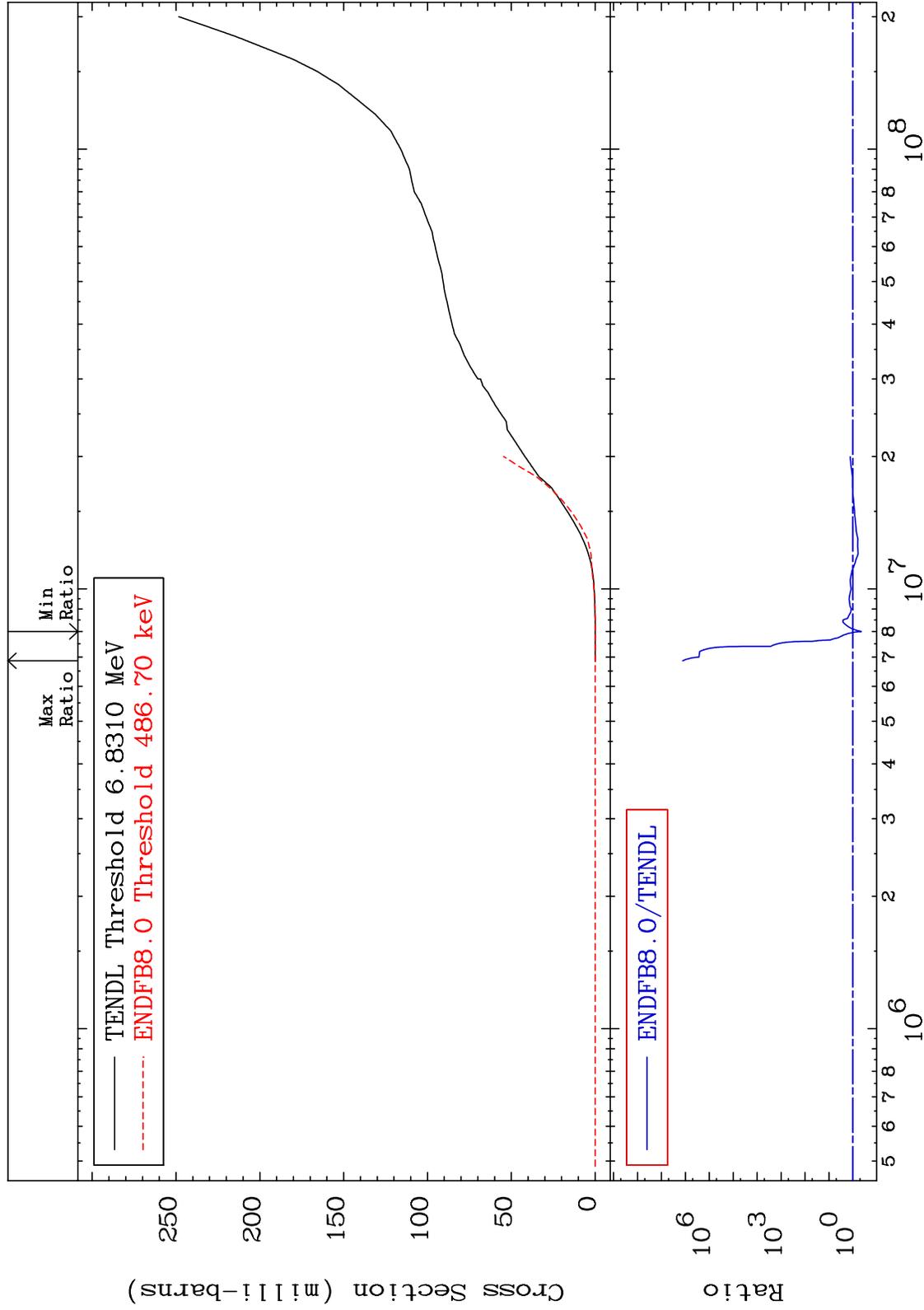


38 20-Ca-41

MAT 2028

Deuterium Production Cross Section

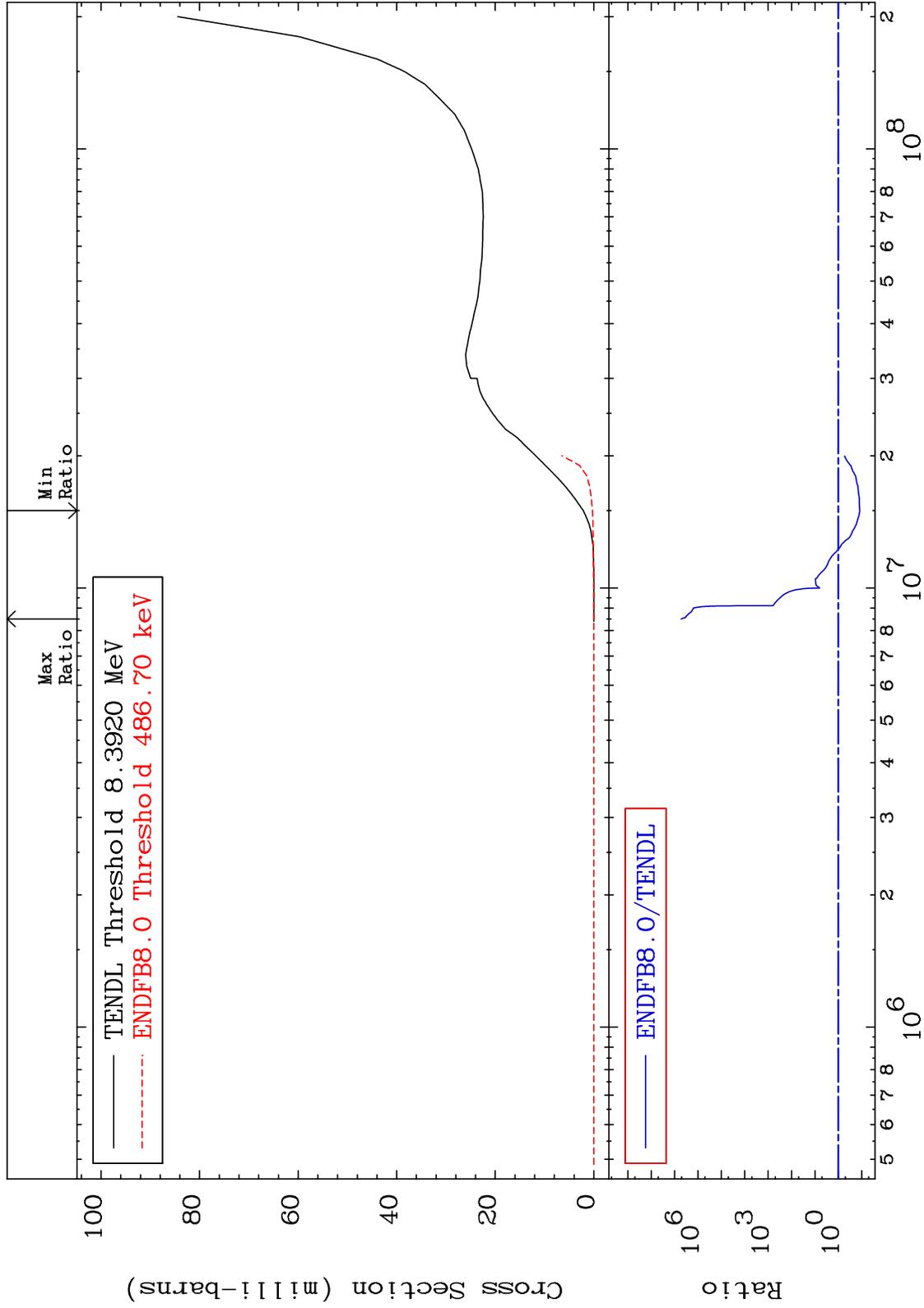
20-Ca-41
-55.74 To 9999. %



MAT 2028

Tritium Production
Cross Section

20-Ca-41
-87.92 To 9999. %

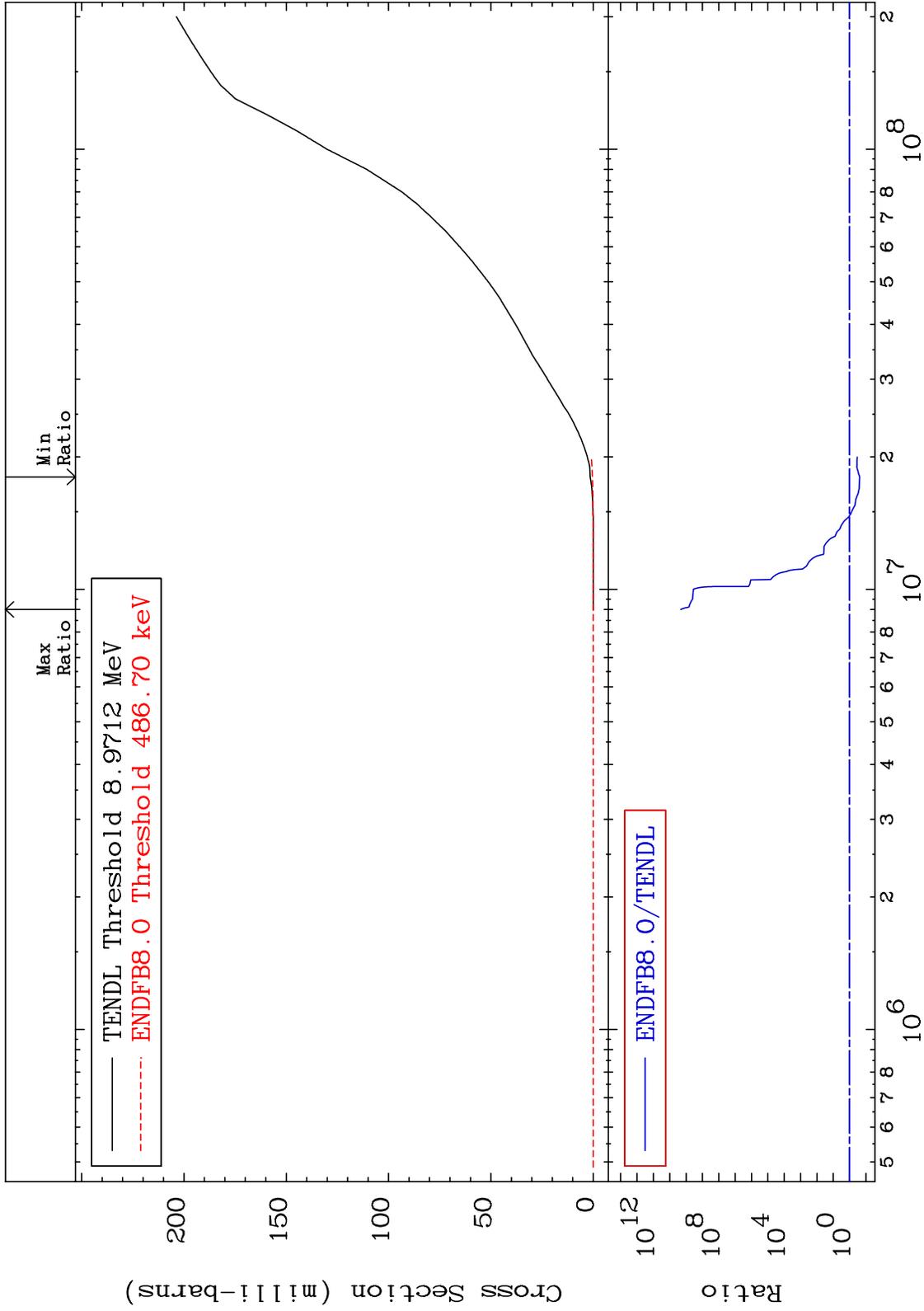


40

MAT 2028

He-3 Production
Cross Section

20-Ca-41
-75.77 To 9999. %



41

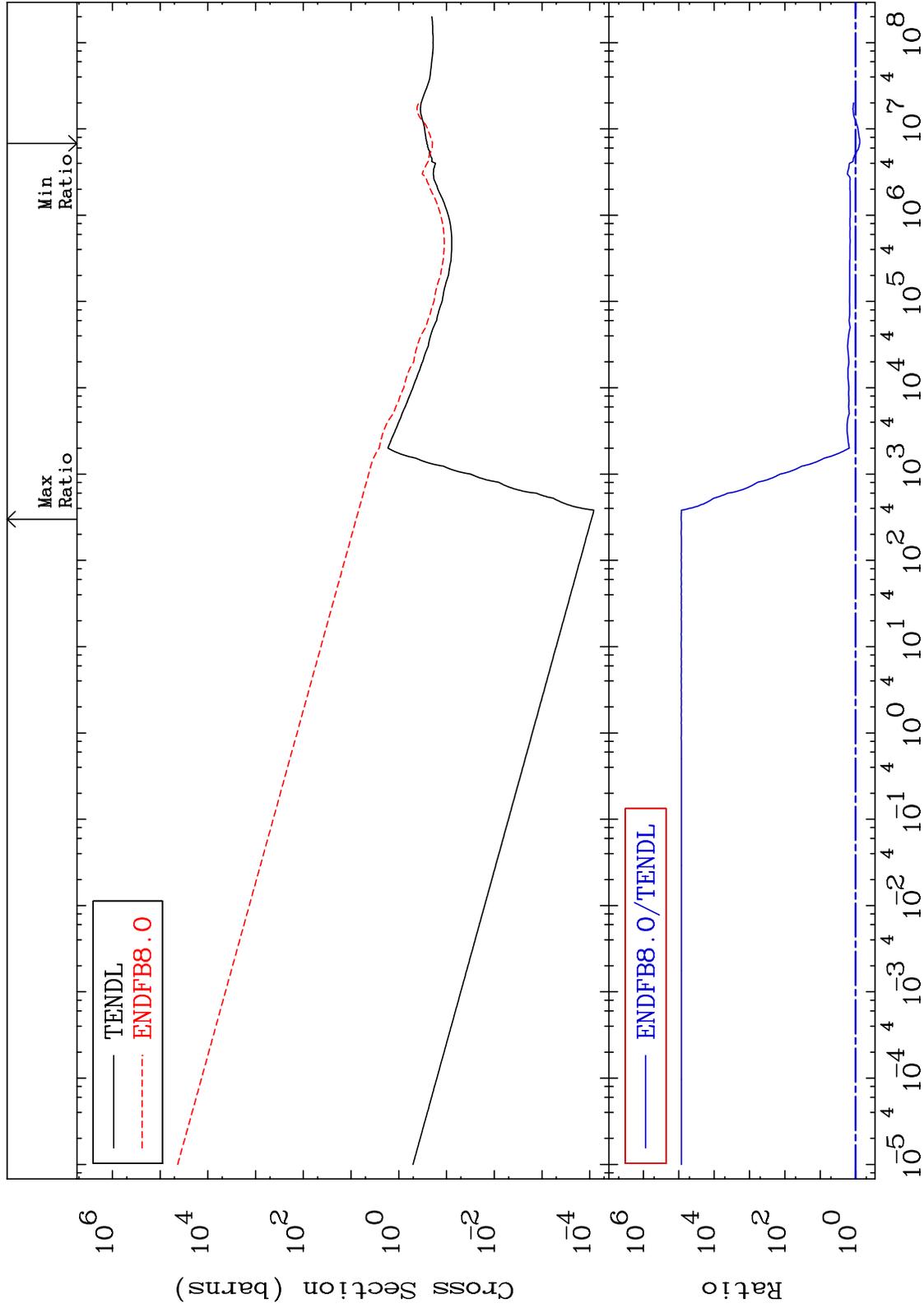
Incident Energy (eV)

20-Ca-41

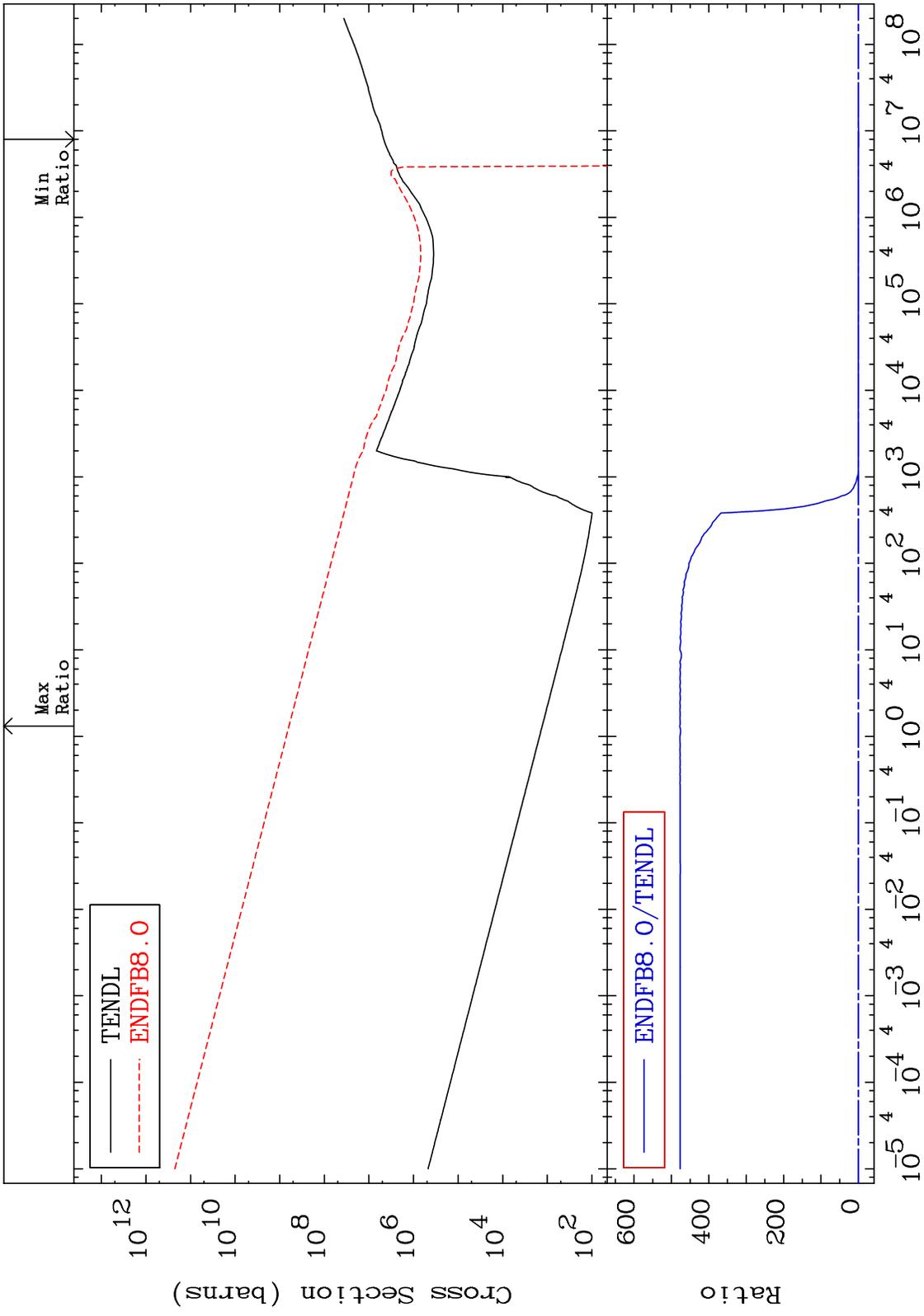
MAT 2028

He-4 Production
Cross Section

20-Ca-41
-23.85 To 9999. %



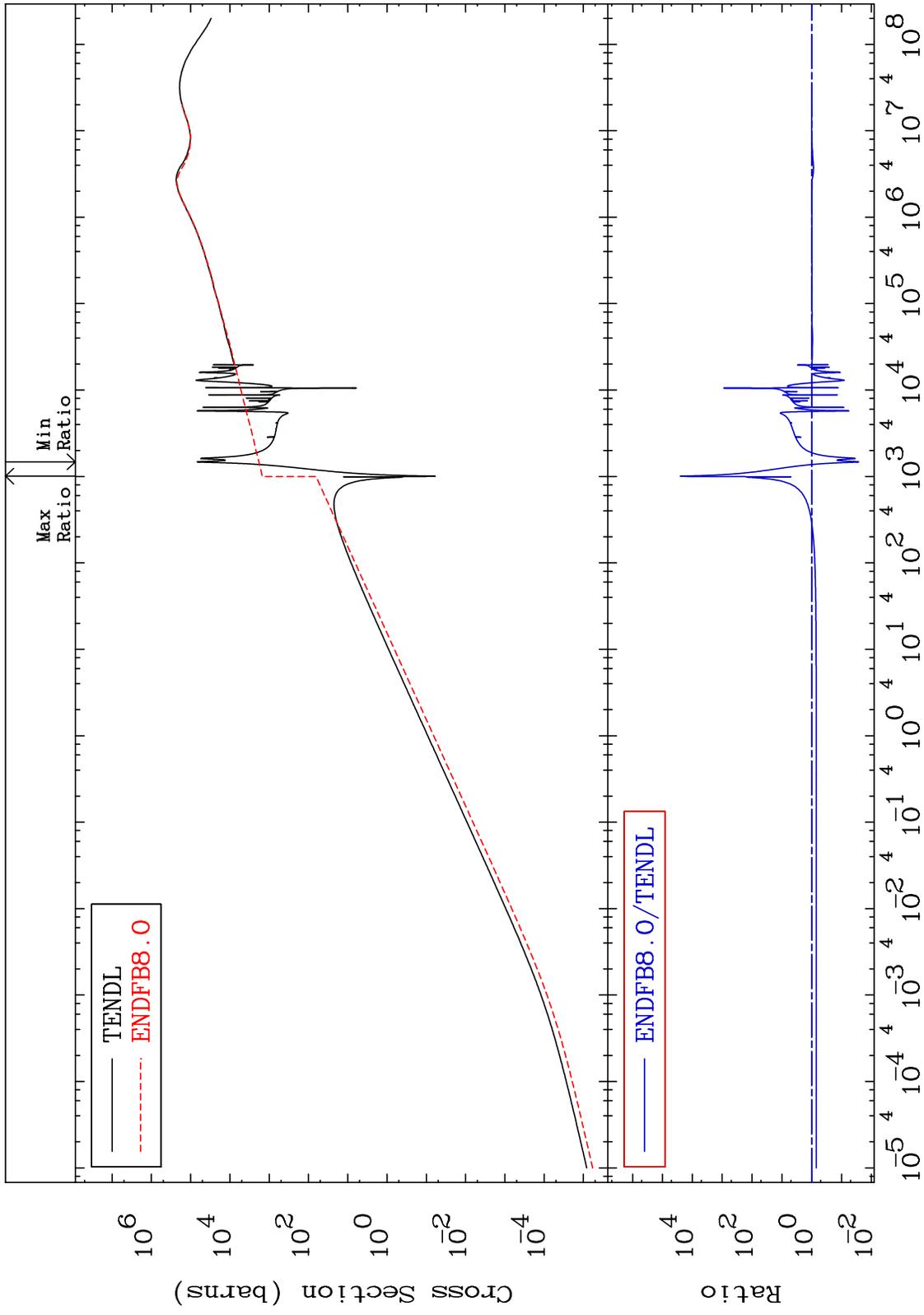
MAT 2028 Kerma total (eV-barns) Cross Section 20-Ca-41 -9999. To 9999. %



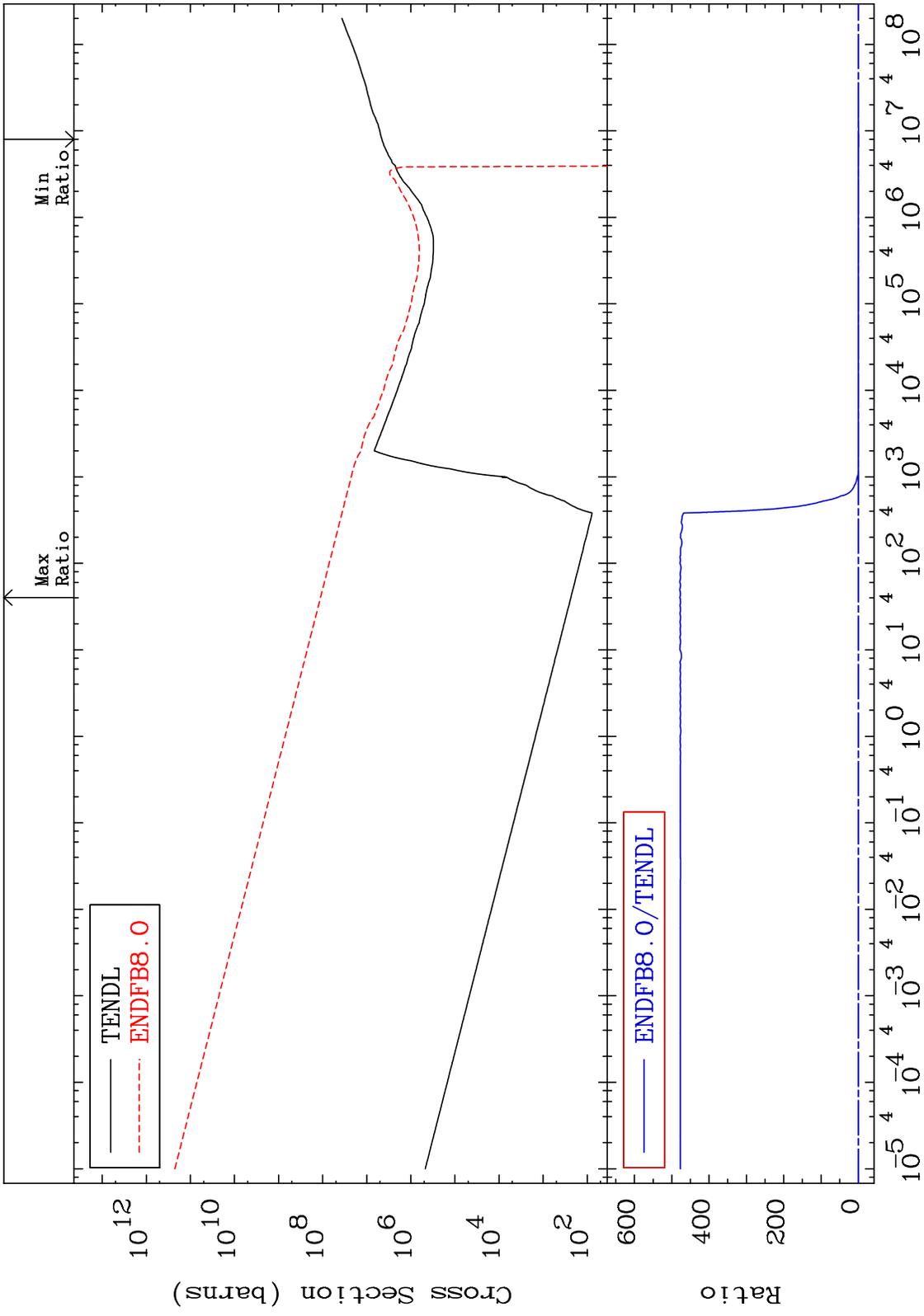
MAT 2028

Kerma elastic
Cross Section

20-Ca-41
-97.38 To 9999. %



MAT 2028 Kerma non-elastic (all but mt2) 20-Ca-41
 -9999. To 9999. % Cross Section

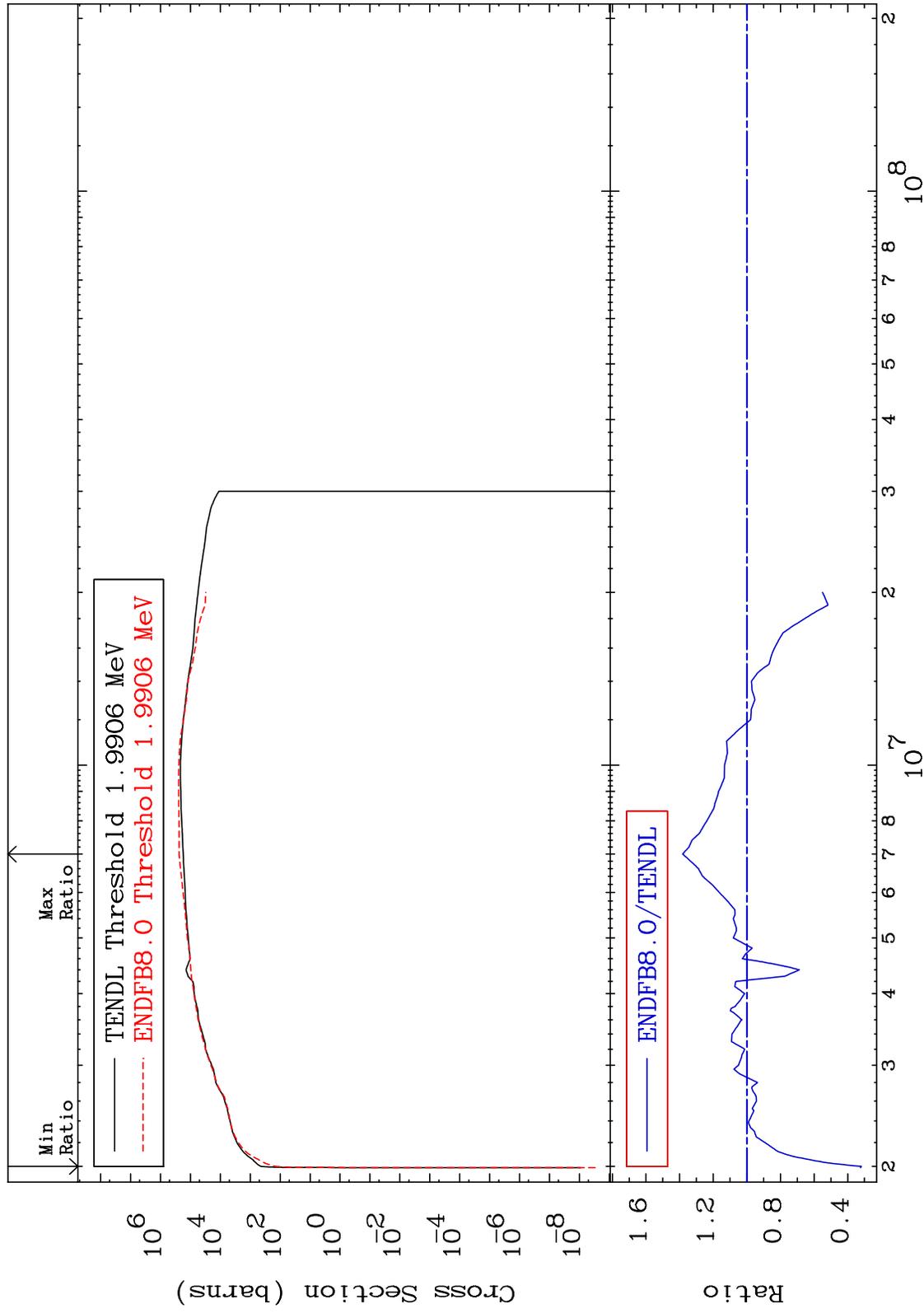


45 Incident Energy (eV) 20-Ca-41

MAT 2028

Kerma inelastic (mt51-91)
Cross Section

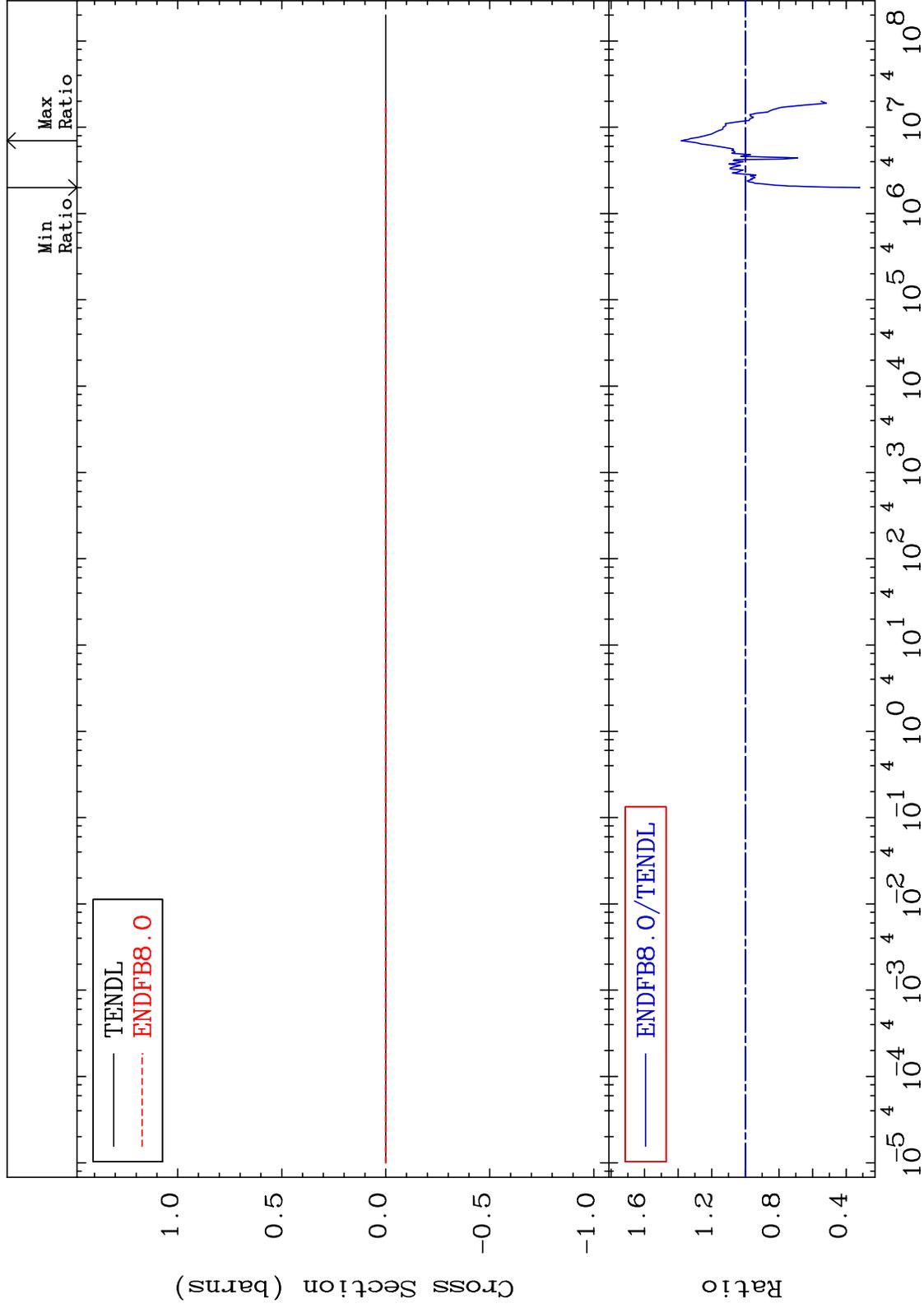
20-Ca-41
-68.15 To 38.18 %



MAT 2028

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

20-Ca-41
-68.15 To 38.18 %



47

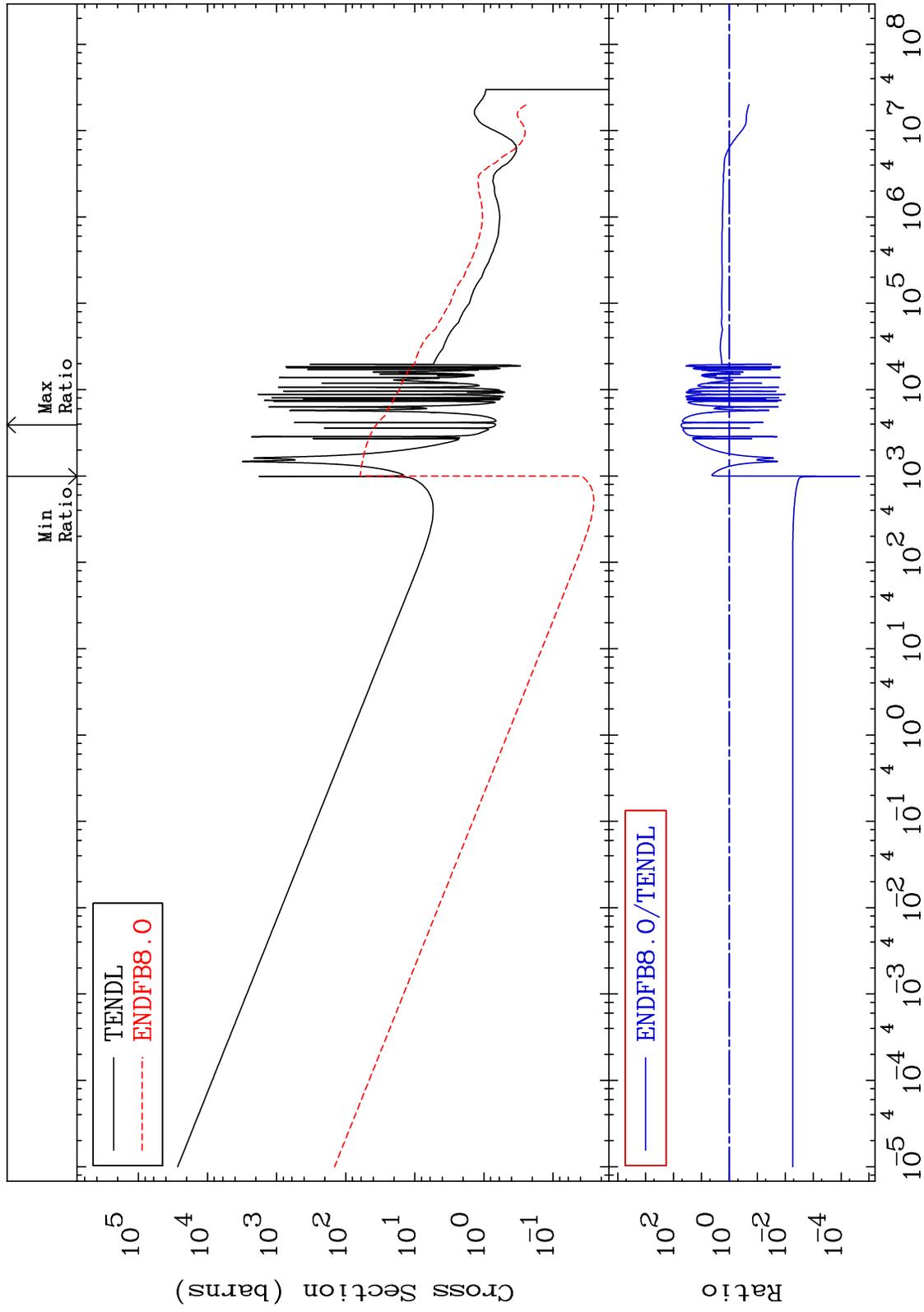
Incident Energy (eV)

20-Ca-41

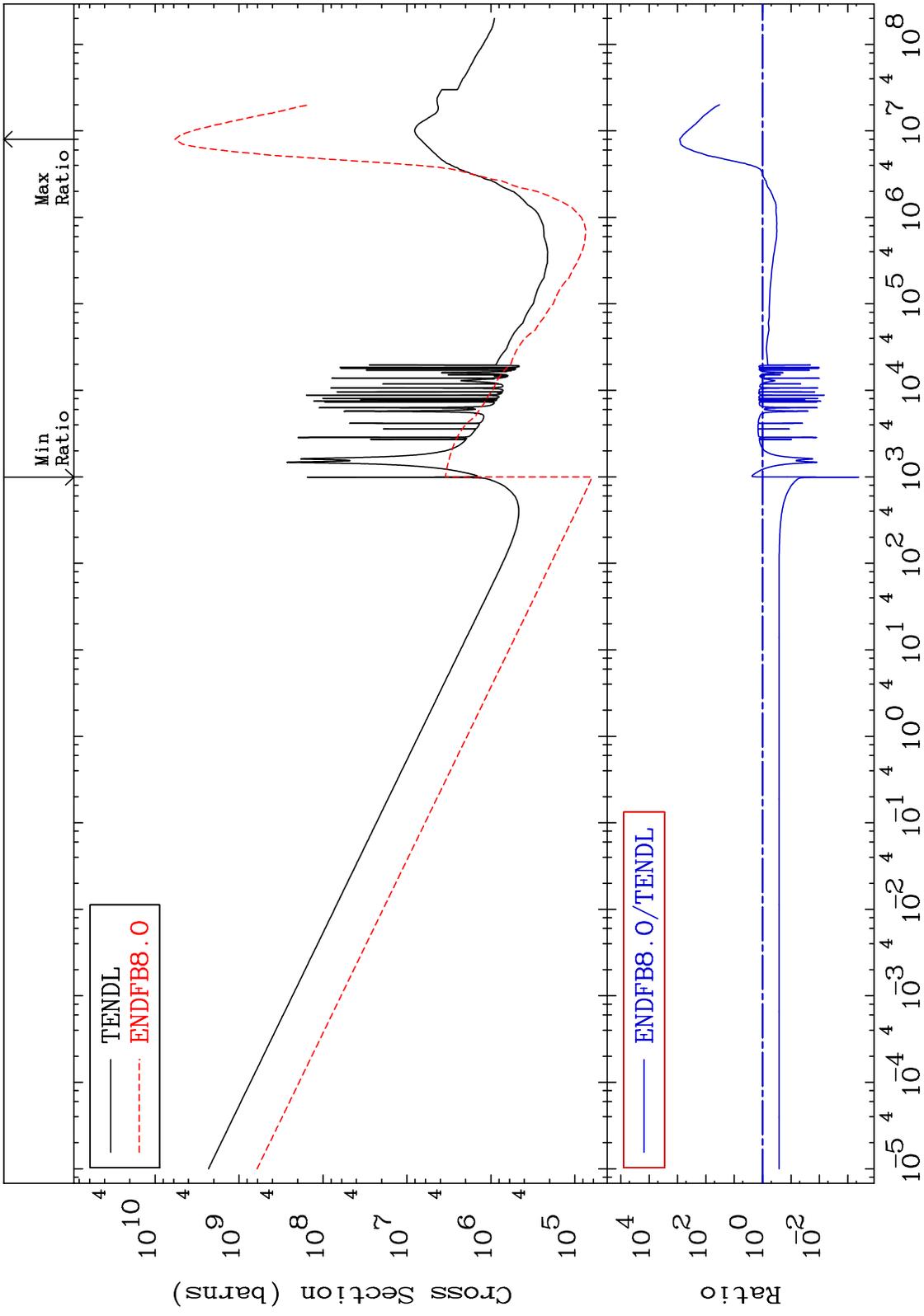
MAT 2028

Kerma capture (mt102)
Cross Section

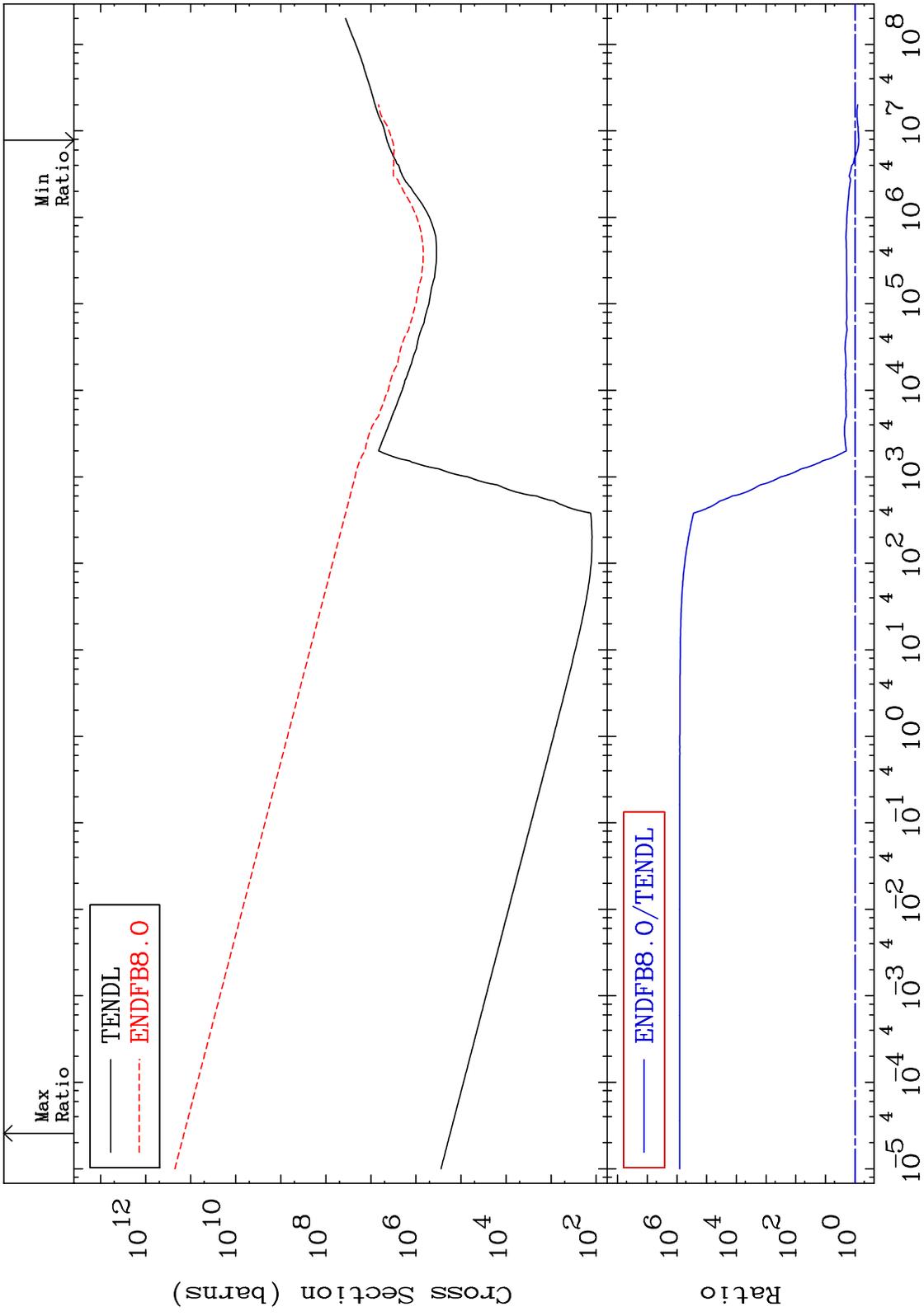
20-Ca-41
-100.0 To 5223. %



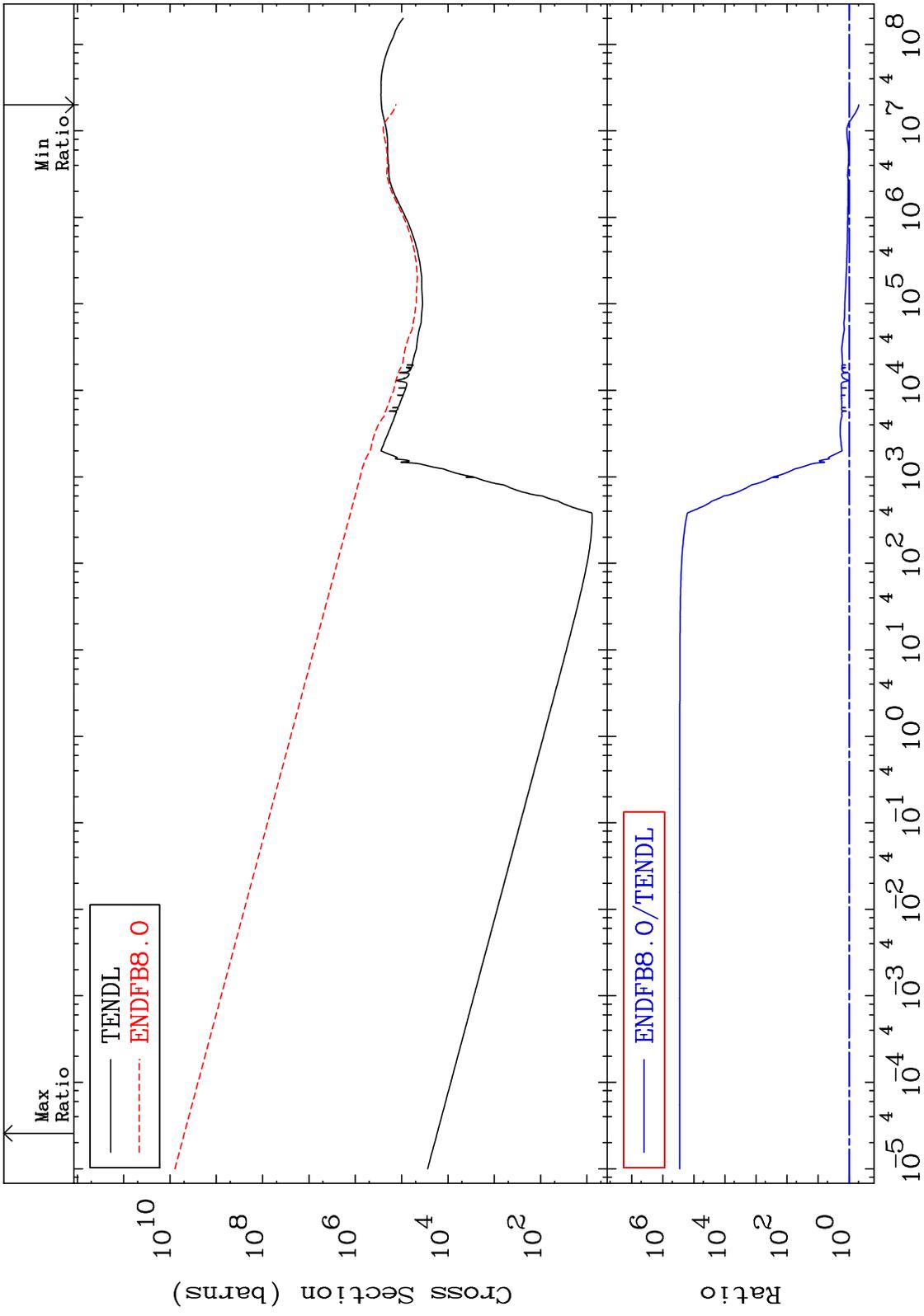
MAT 2028 20-Ca-41
 Total photon (eV-barns) -99.96 To 9999. %
 Cross Section



MAT 2028 Total kinematic kerma (high limit) Cross Section 20-Ca-41 -24.33 To 9999. %



MAT 2028 Dpa total (eV-barns) 20-Ca-41
 Cross Section -51.31 To 9999. %

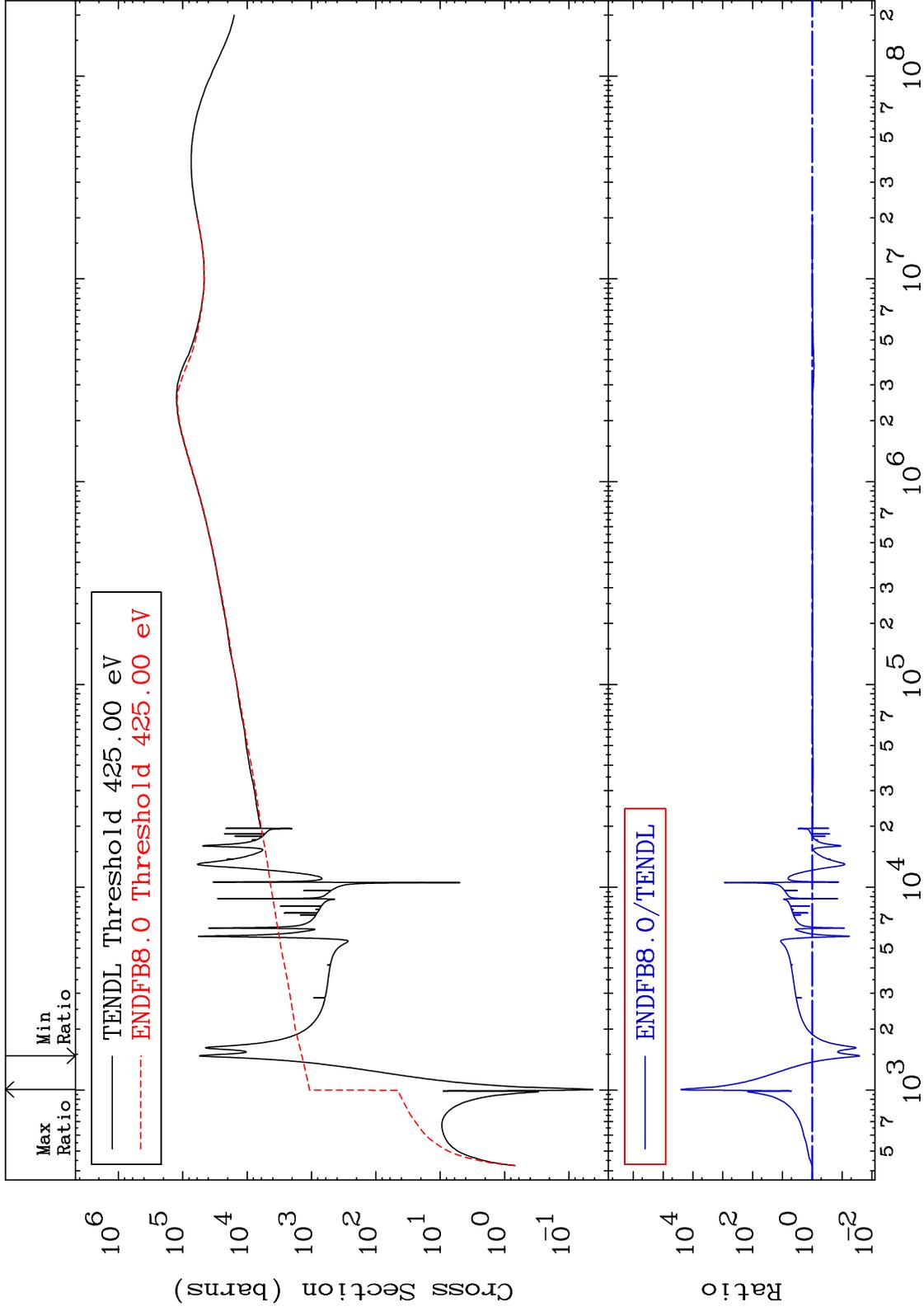


51 Incident Energy (eV) 20-Ca-41

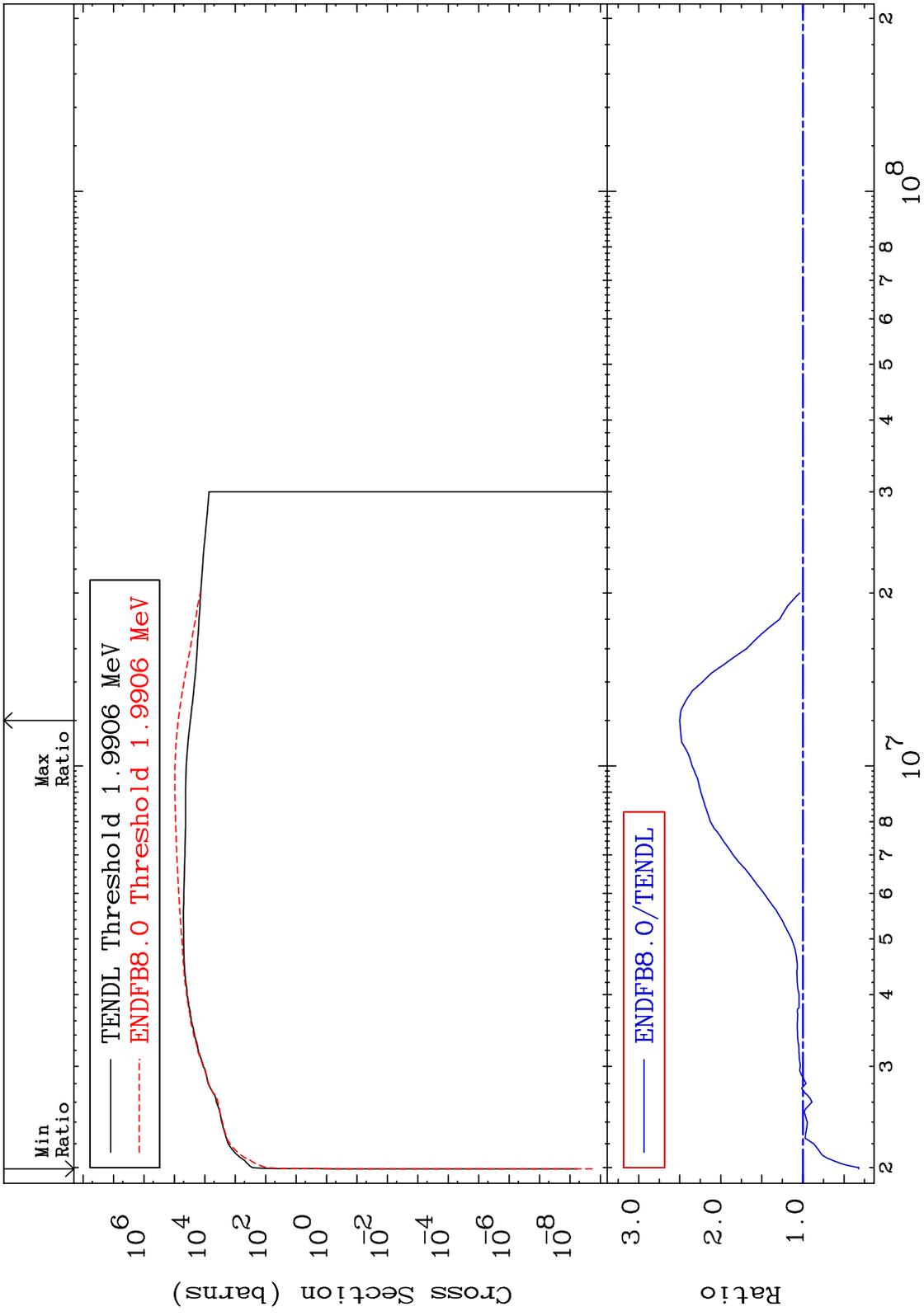
MAT 2028

Dpa elastic (mt2)
Cross Section

20-Ca-41
-97.44 To 9999. %



MAT 2028 Dpa inelastic (mt51-91) 20-Ca-41
 Cross Section -68.03 To 150.0 %



MAT 2028 Dpa disappearance (mt102 -120) 20-Ca-41
 Cross Section -73.18 To 9999. %

