

Program Complot
(Version 2018-1)

by

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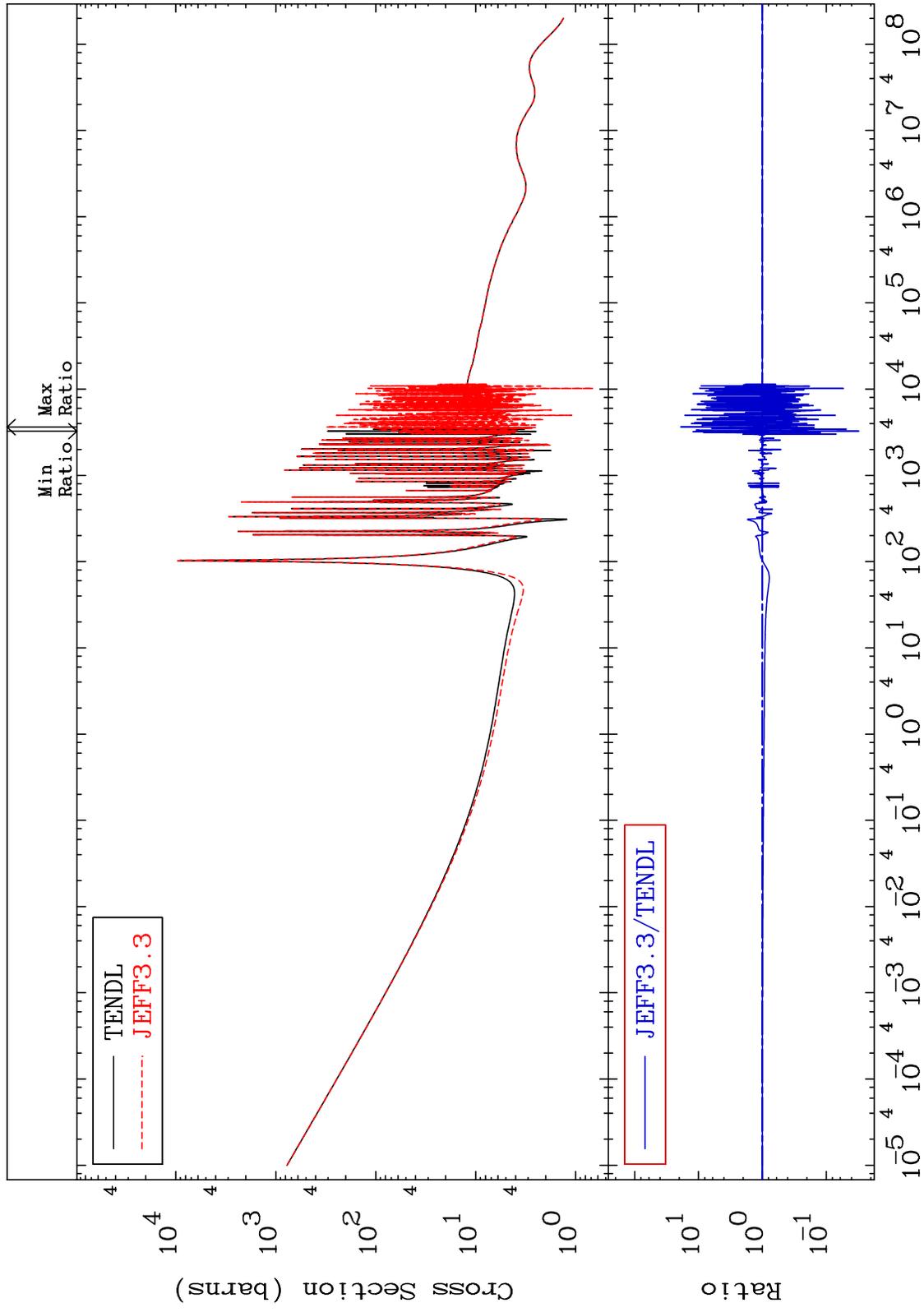
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3234

Total
Cross Section

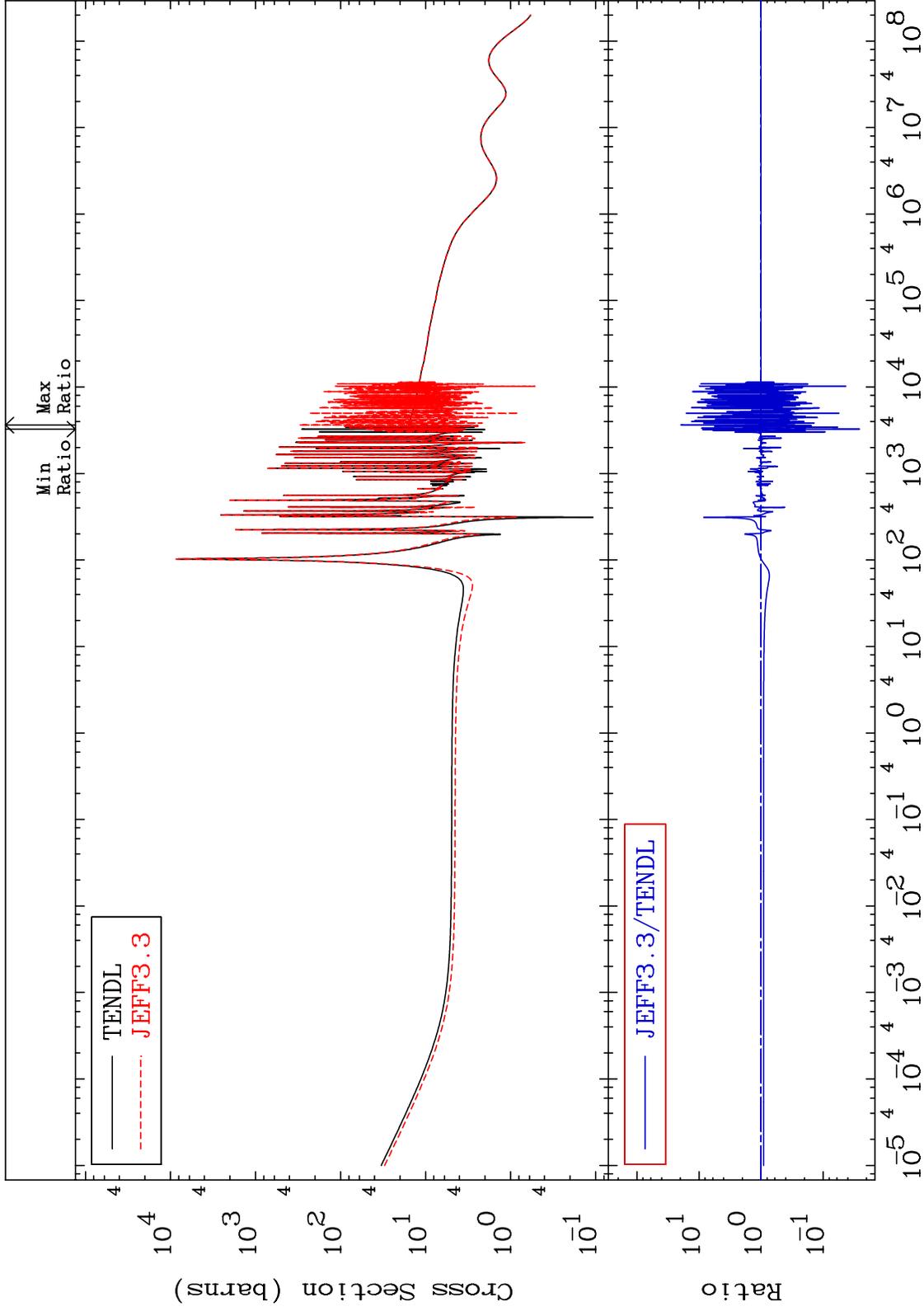
32-Ge-73
-96.94 To 1807. %



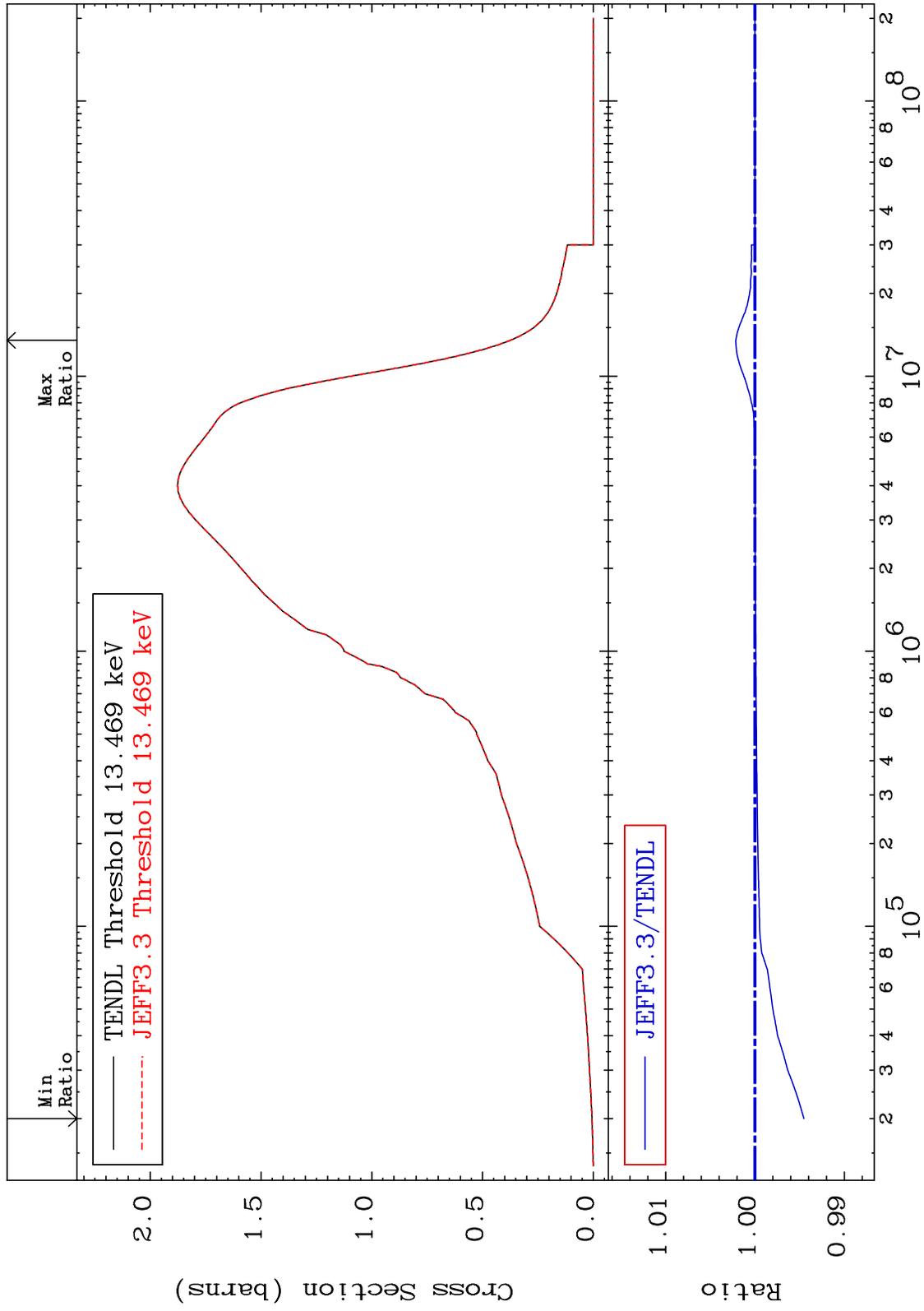
MAT 3234

Elastic
Cross Section

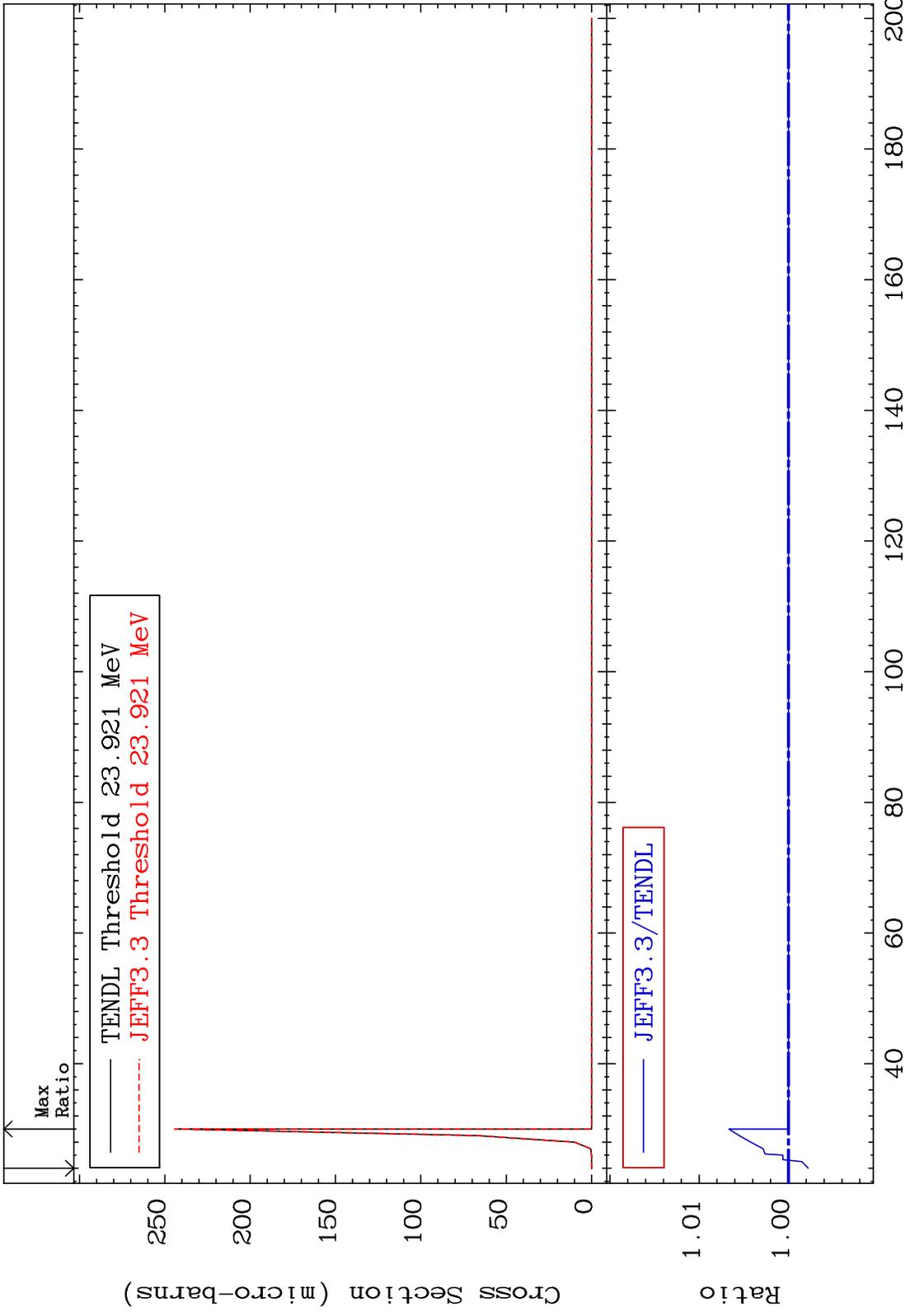
32-Ge-73
-97.42 To 1865. %



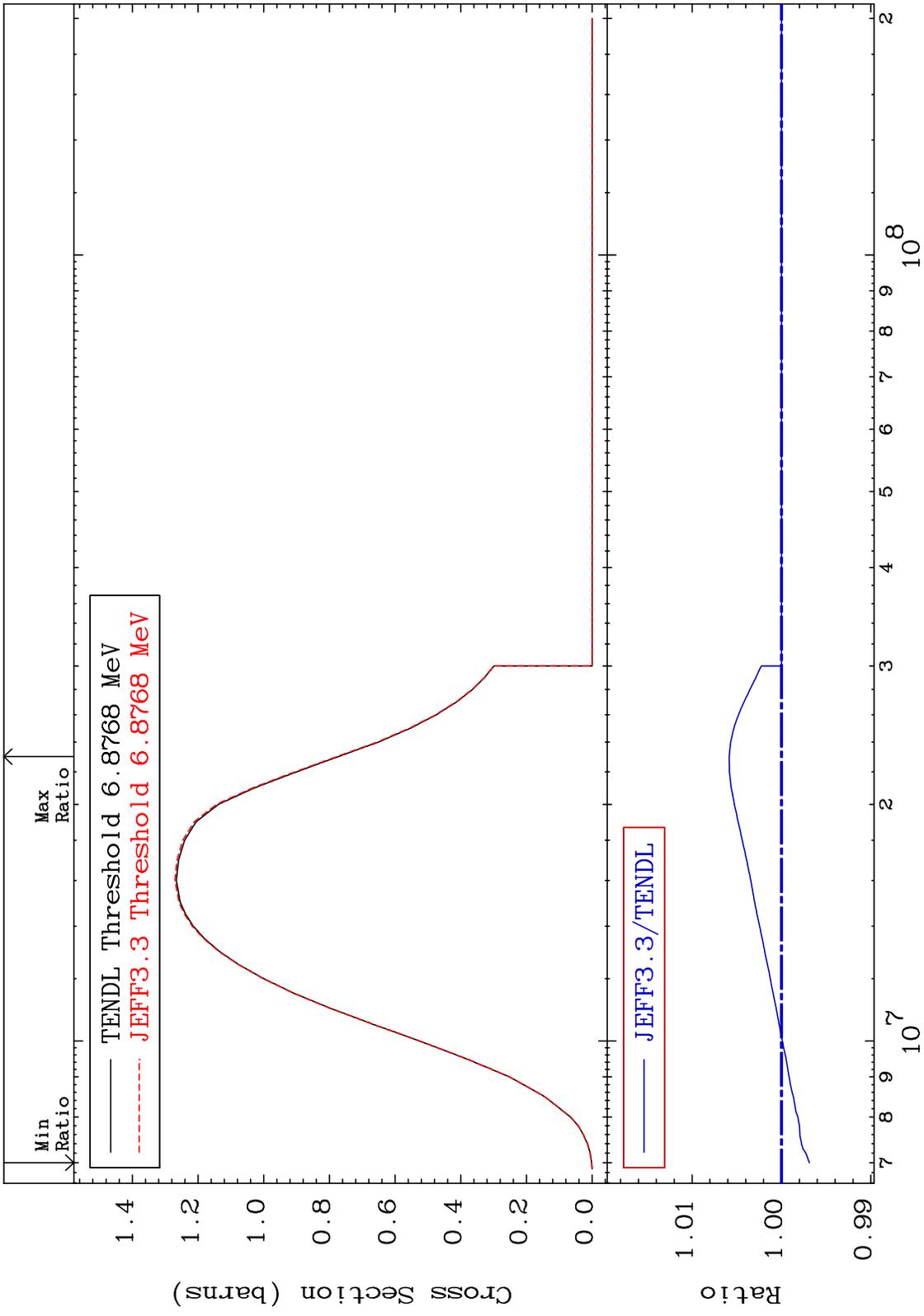
MAT 3234 Inelastic Cross Section 32-Ge-73 -0.547 To 0.214 %



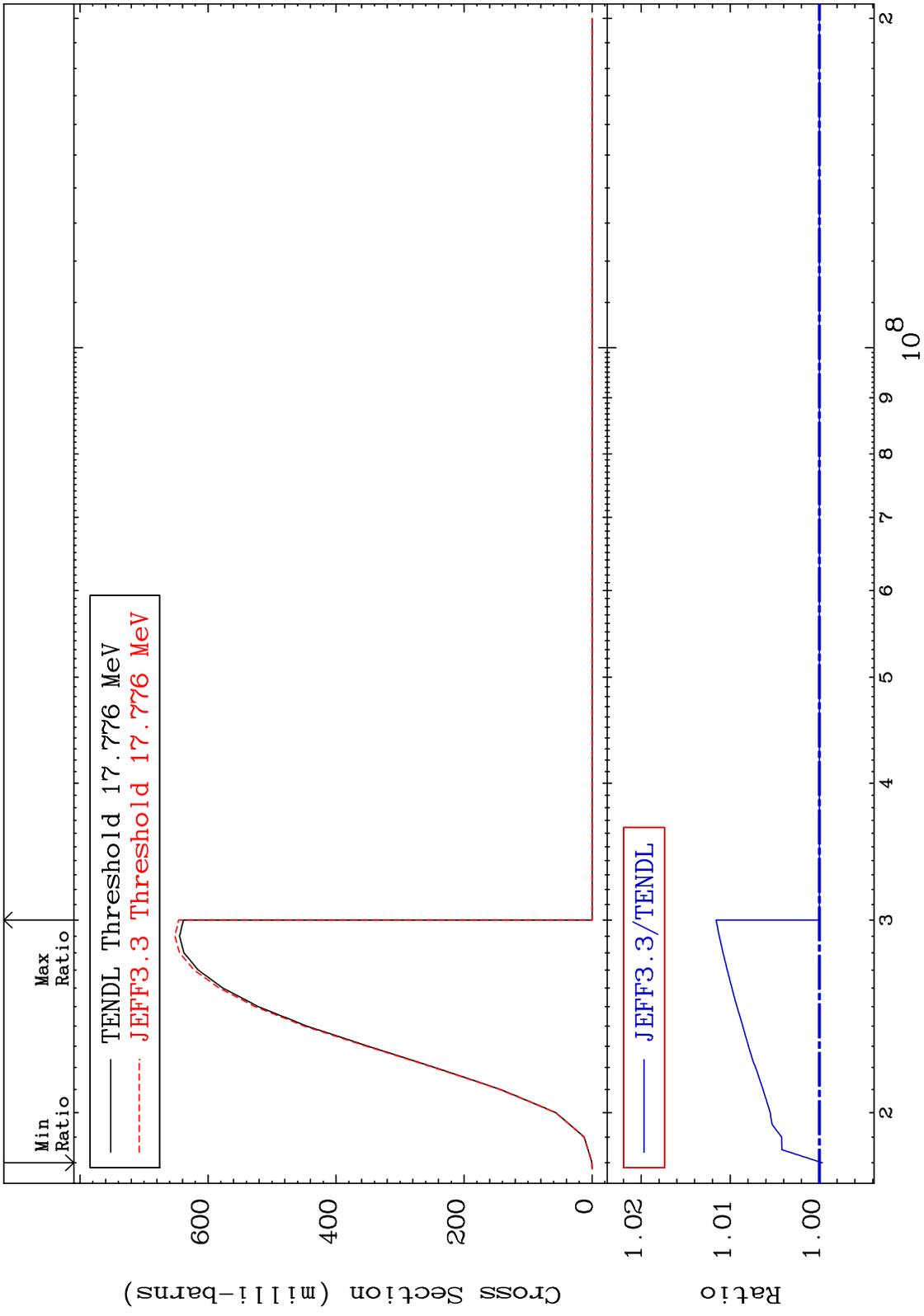
MAT 3234 (n,2n) d 32-Ge-73
Cross Section -0.222 To 0.665 %



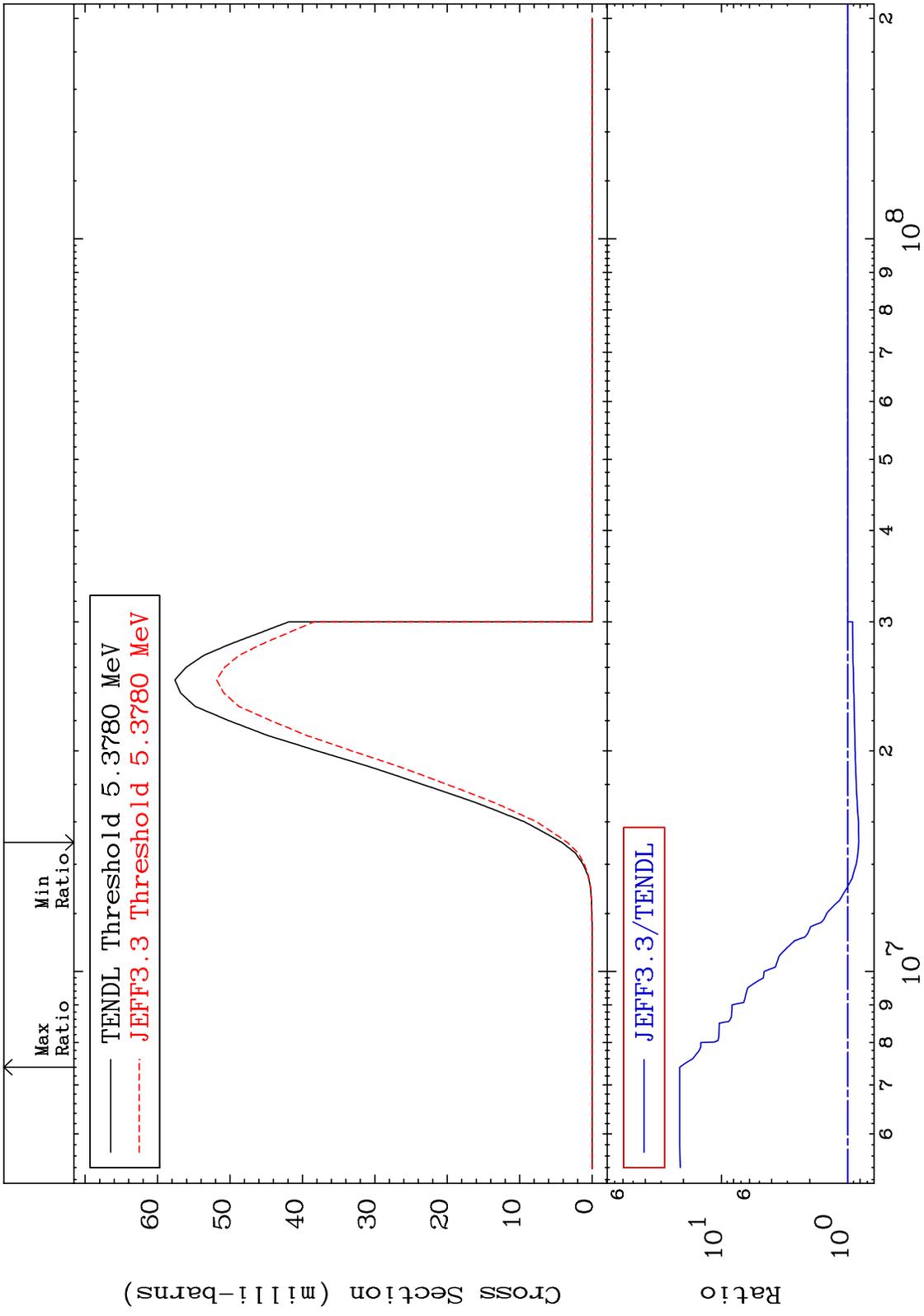
MAT 3234 $(n,2n)$ Cross Section $^{32}\text{Ge-73}$ -0.311 To 0.585 %



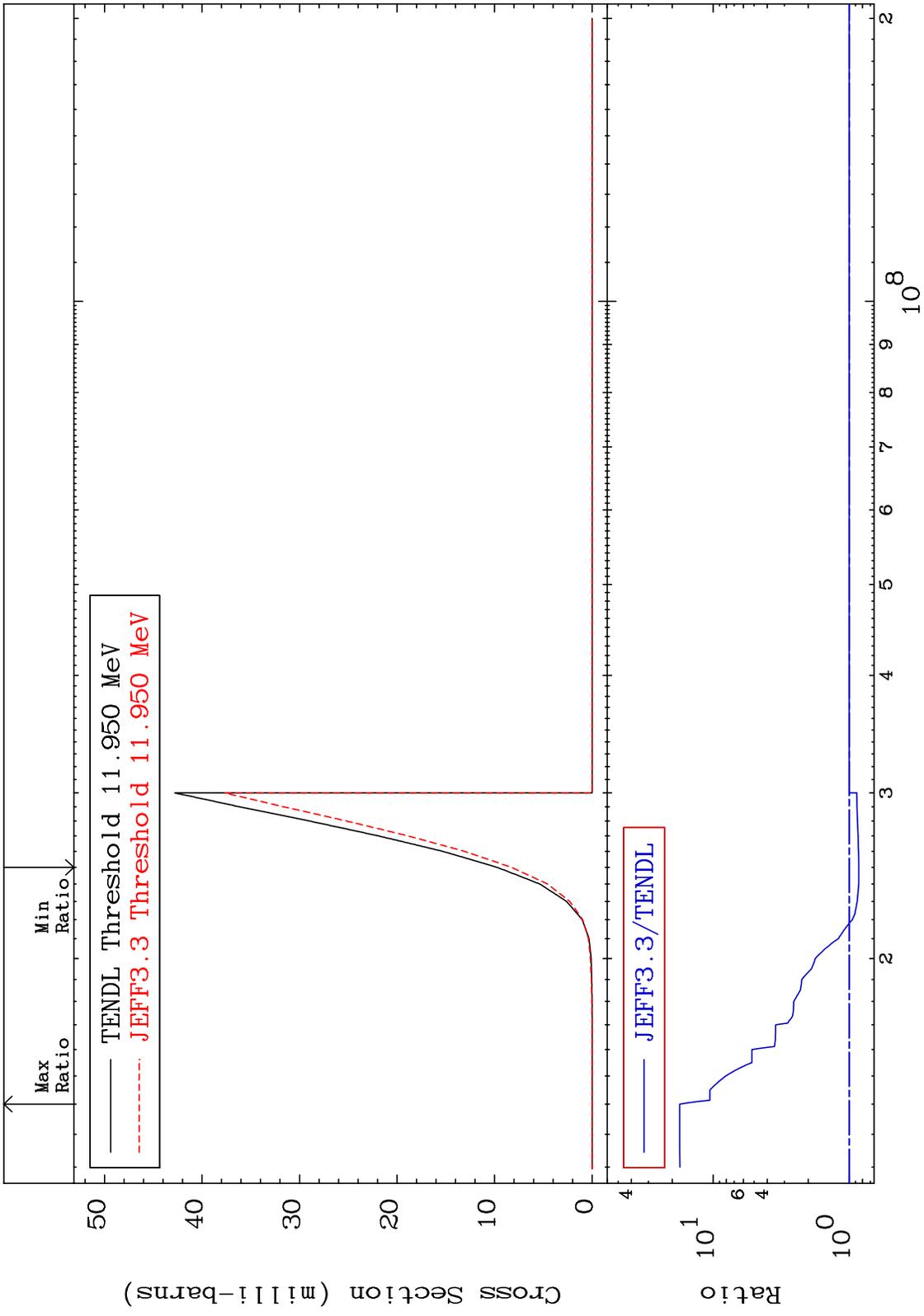
MAT 3234 (n,3n) 32-Ge-73
 Cross Section -0.035 To 1.159 %



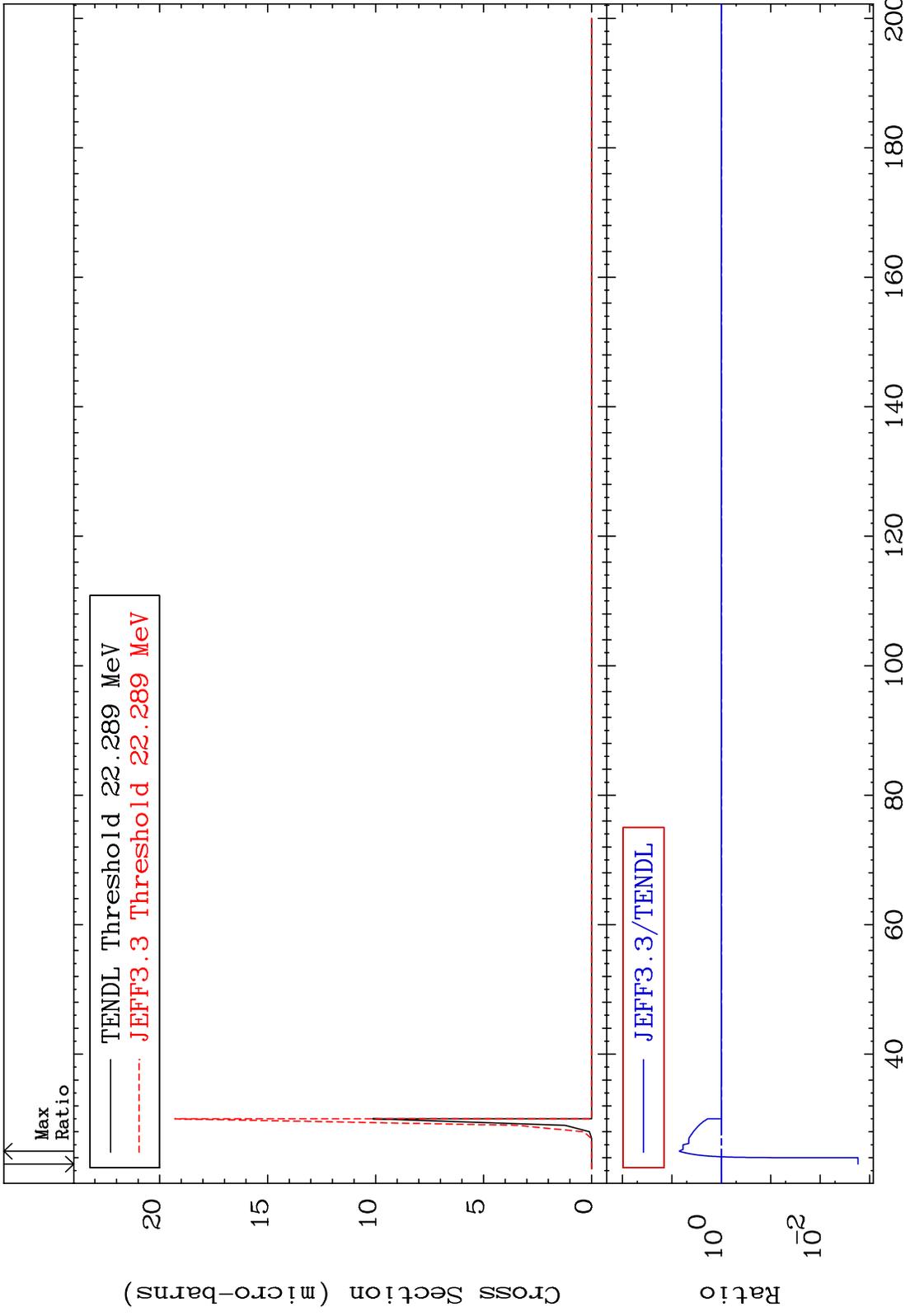
MAT 3234 $(n, n') \alpha$ 32-Ge-73
 Cross Section -18.29 To 2036. %



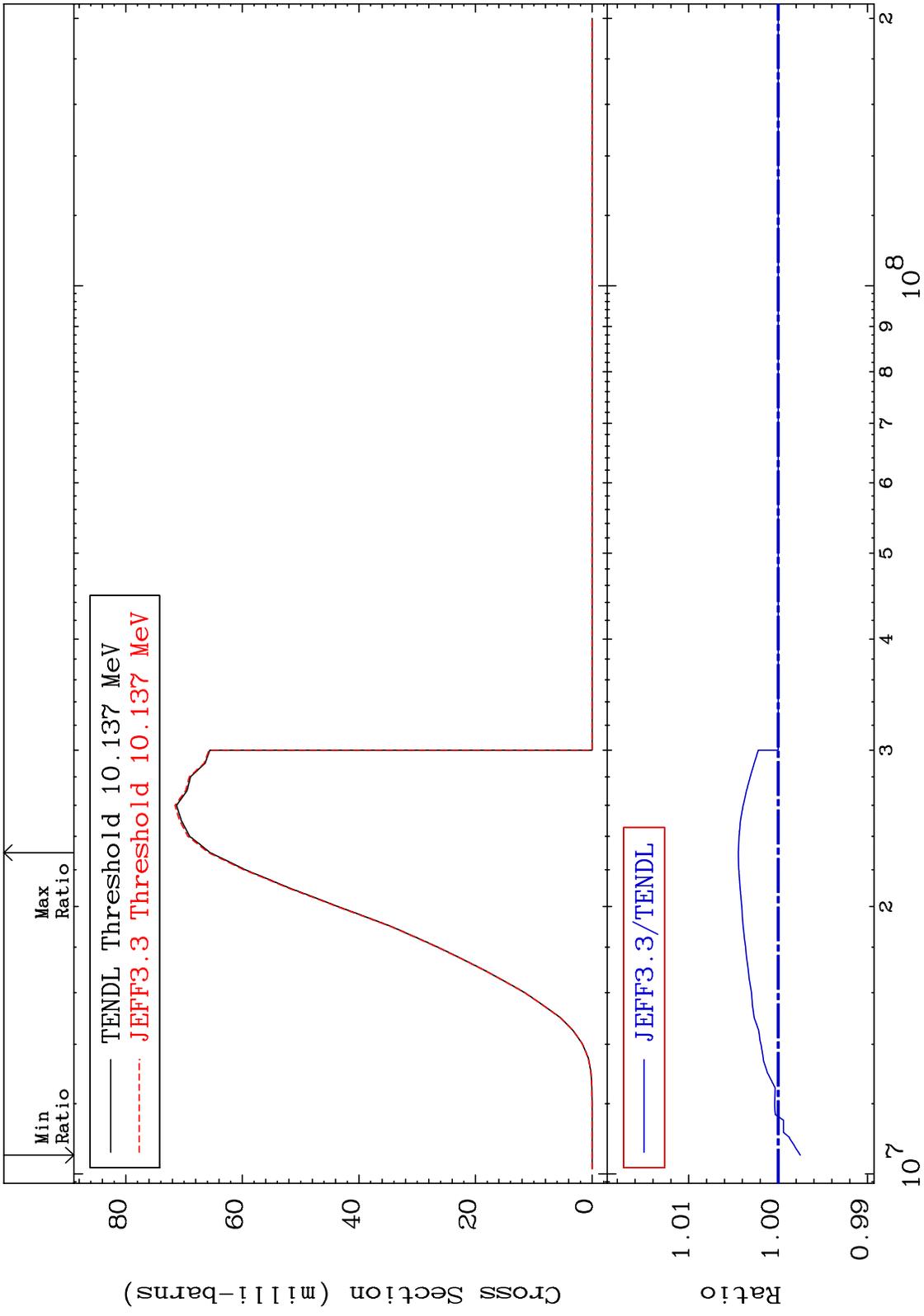
MAT 3234 (n,2n) α 32-Ge-73
 Cross Section -15.00 To 1662. %



MAT 3234 (n,3n) α 32-Ge-73
Cross Section -99.83 To 613.0 %

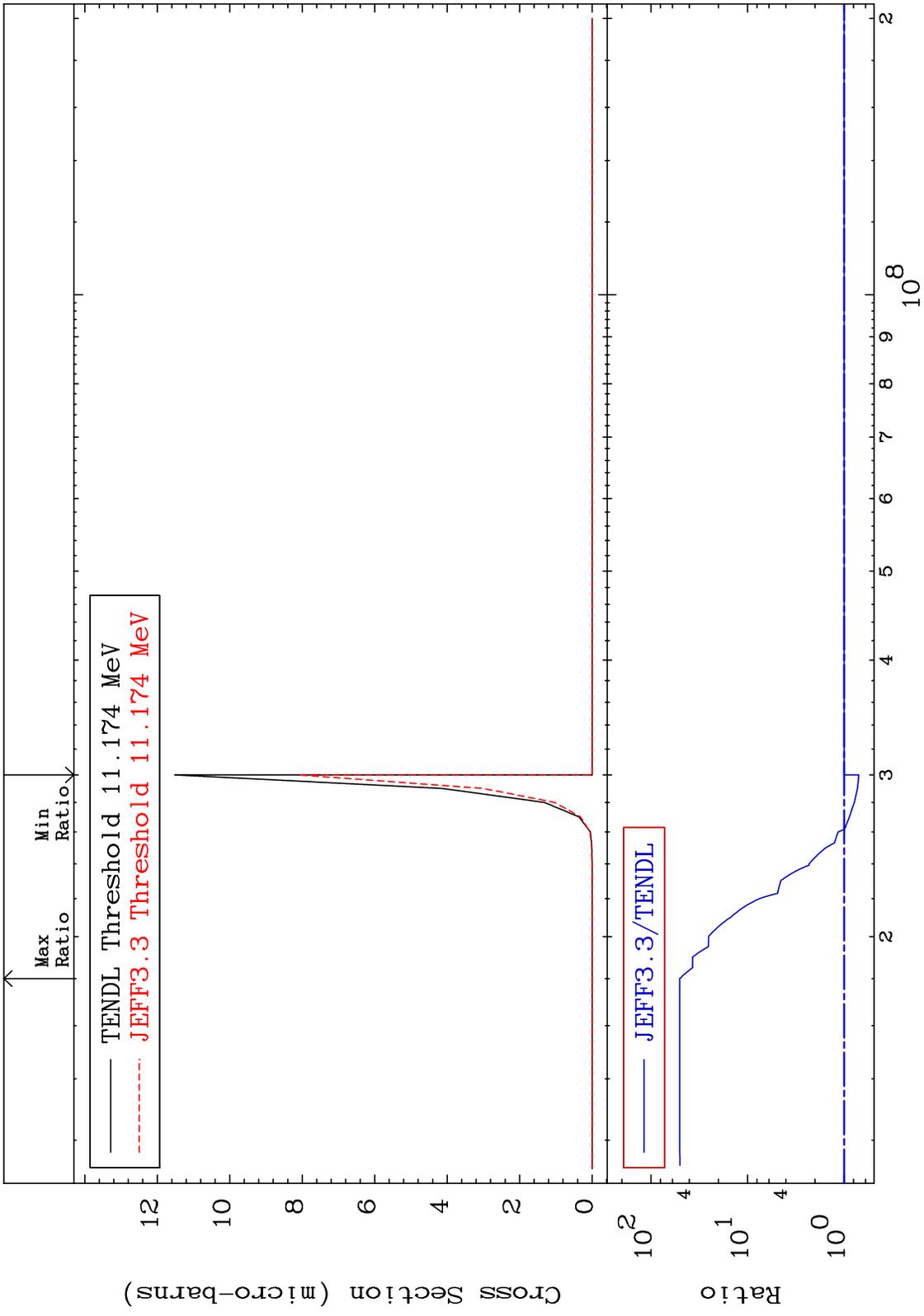


MAT 3234 (n,n') p 32-Ge-73
Cross Section -0.247 To 0.446 %

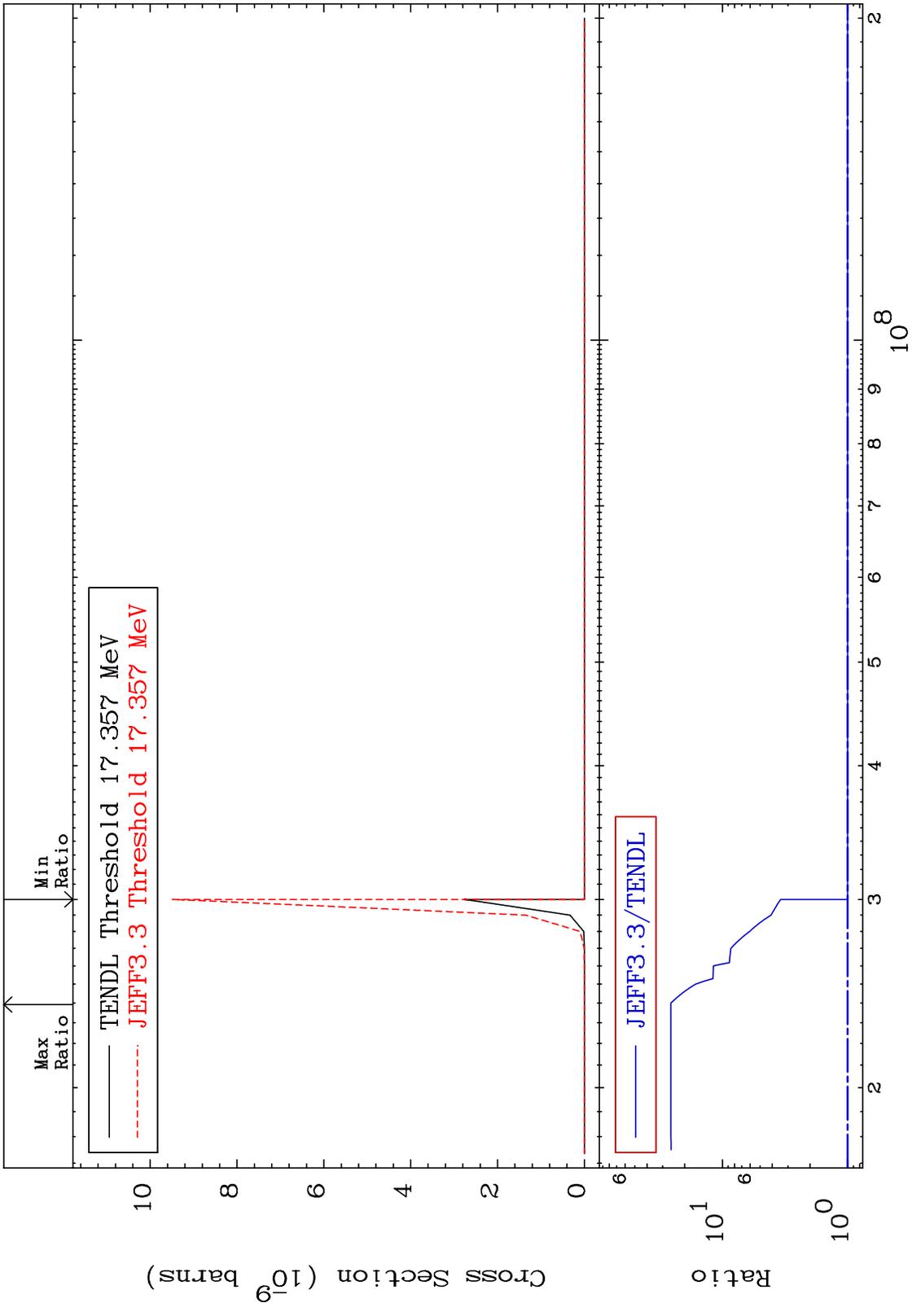


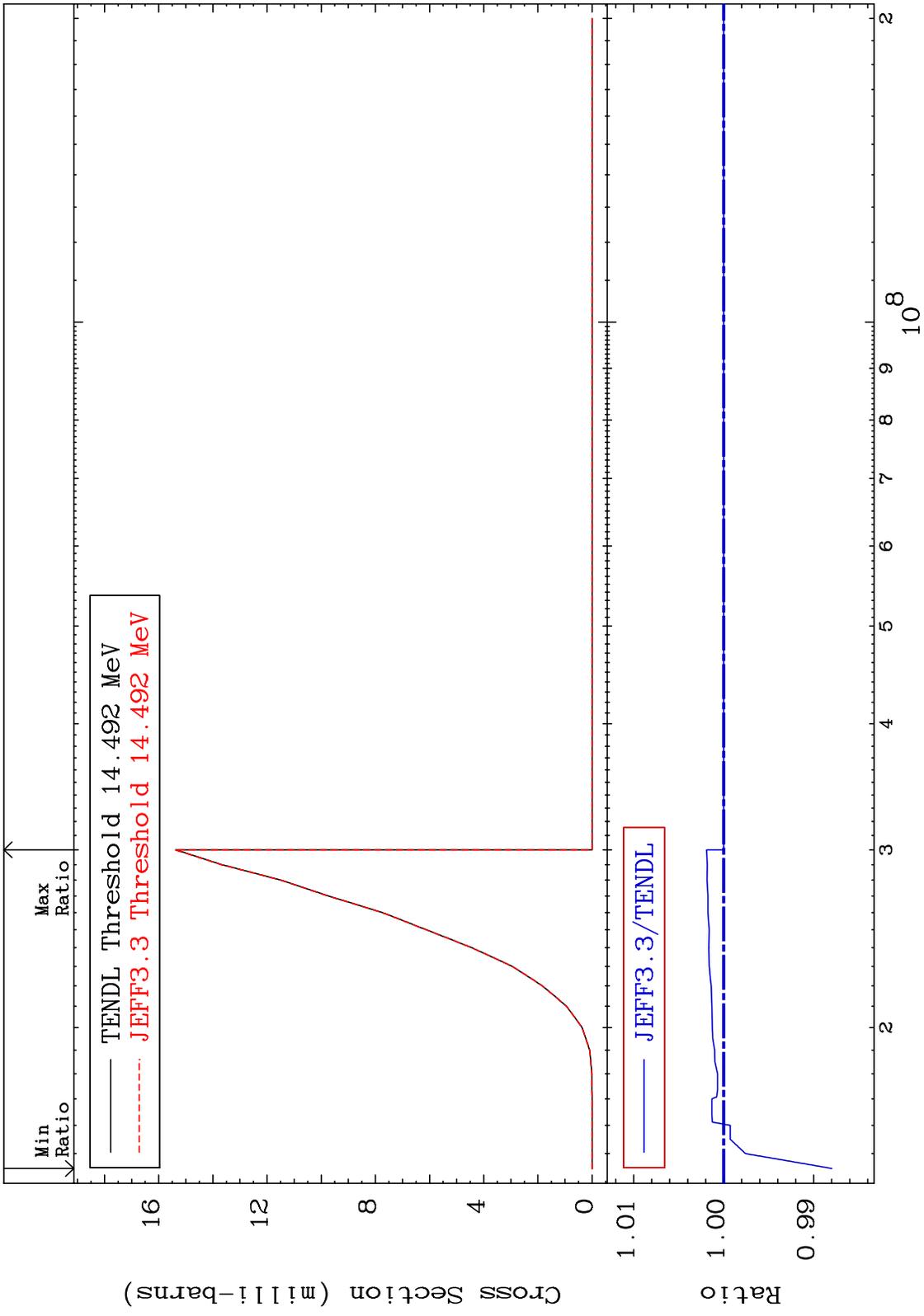
32-Ge-73

MAT 3234 (n,n') 2α 32-Ge-73
 Cross Section -29.60 To 4936. %

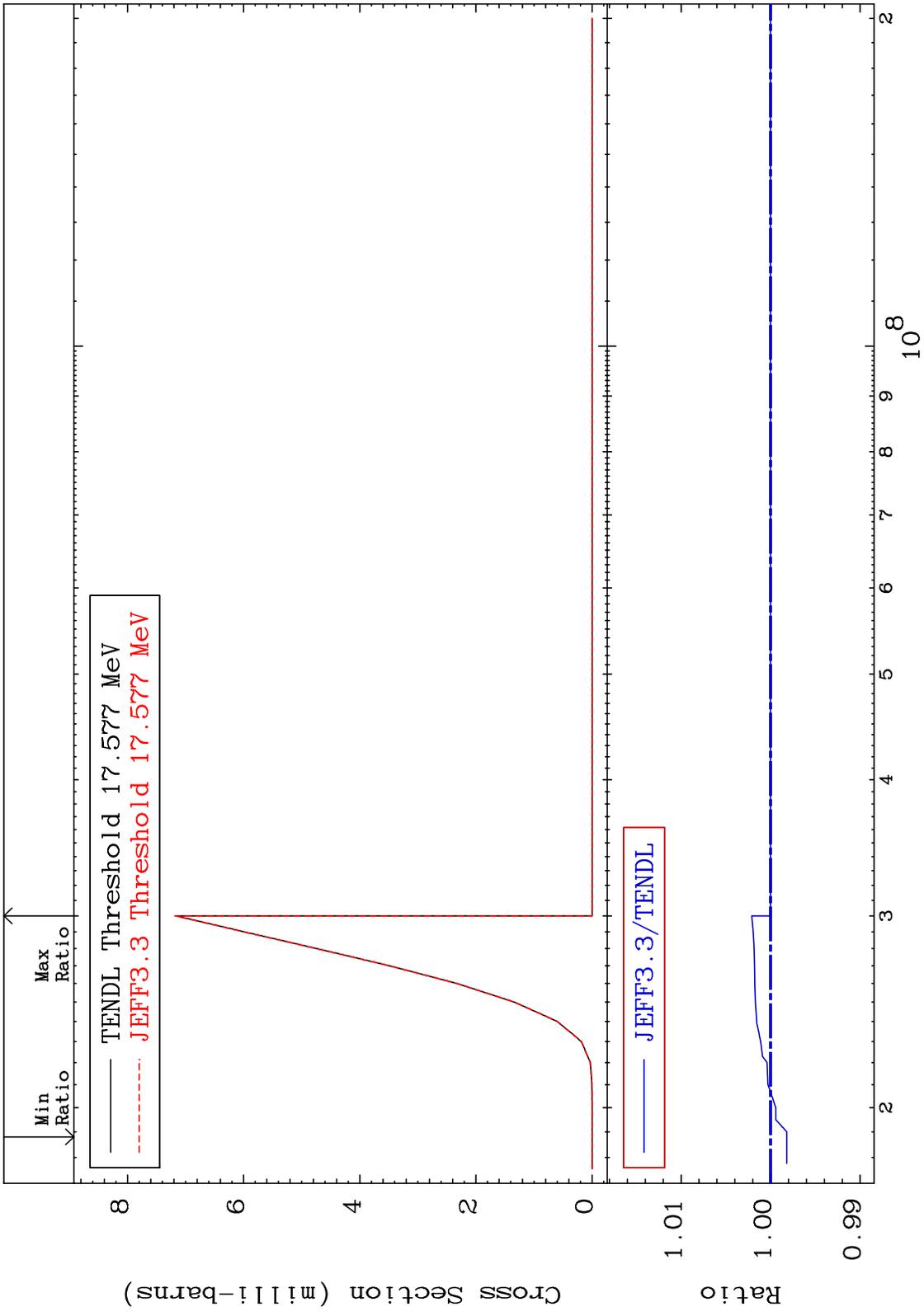


MAT 3234 (n,2n) 2α 32-Ge-73
 Cross Section 0.000 To 2477. %

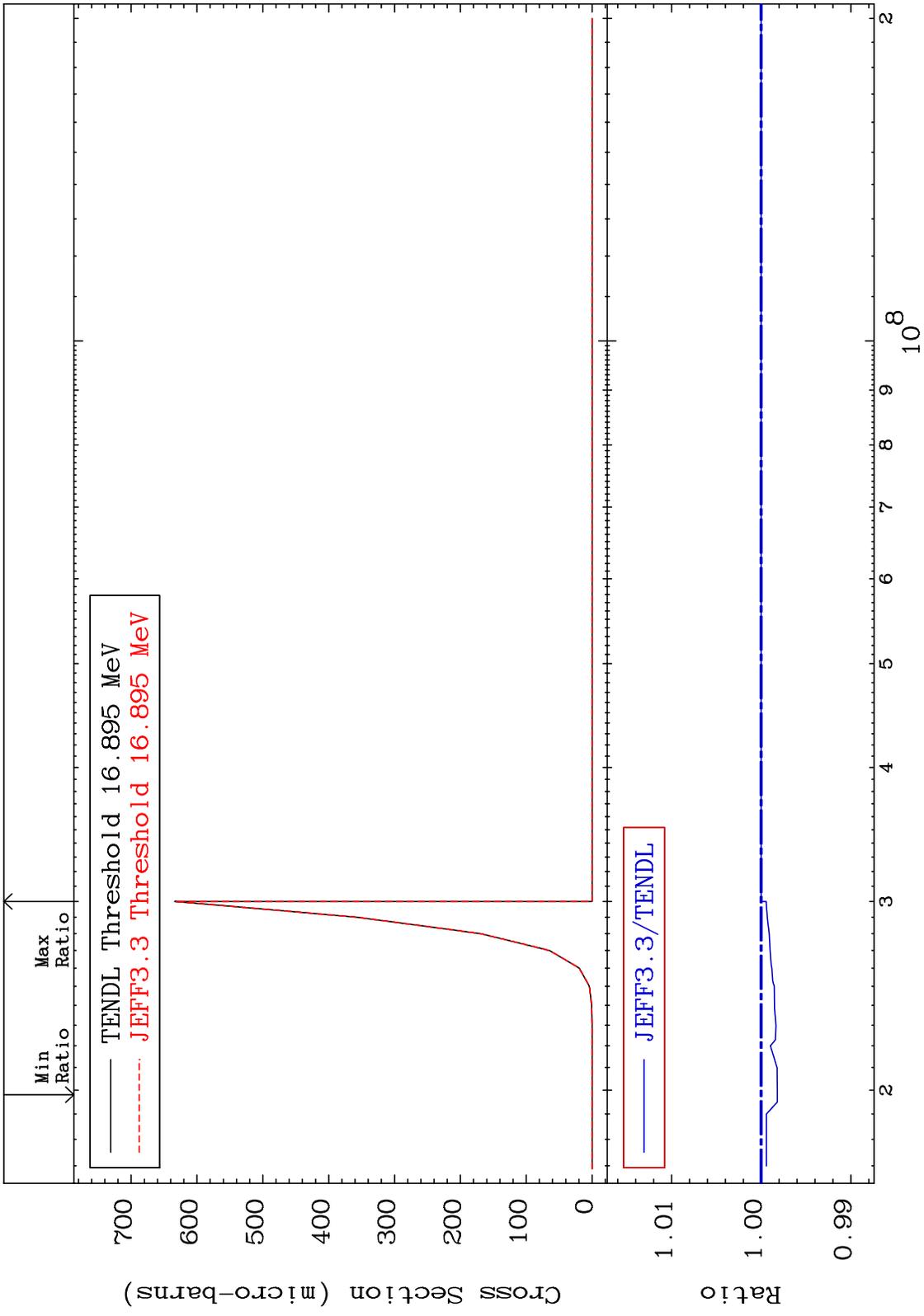




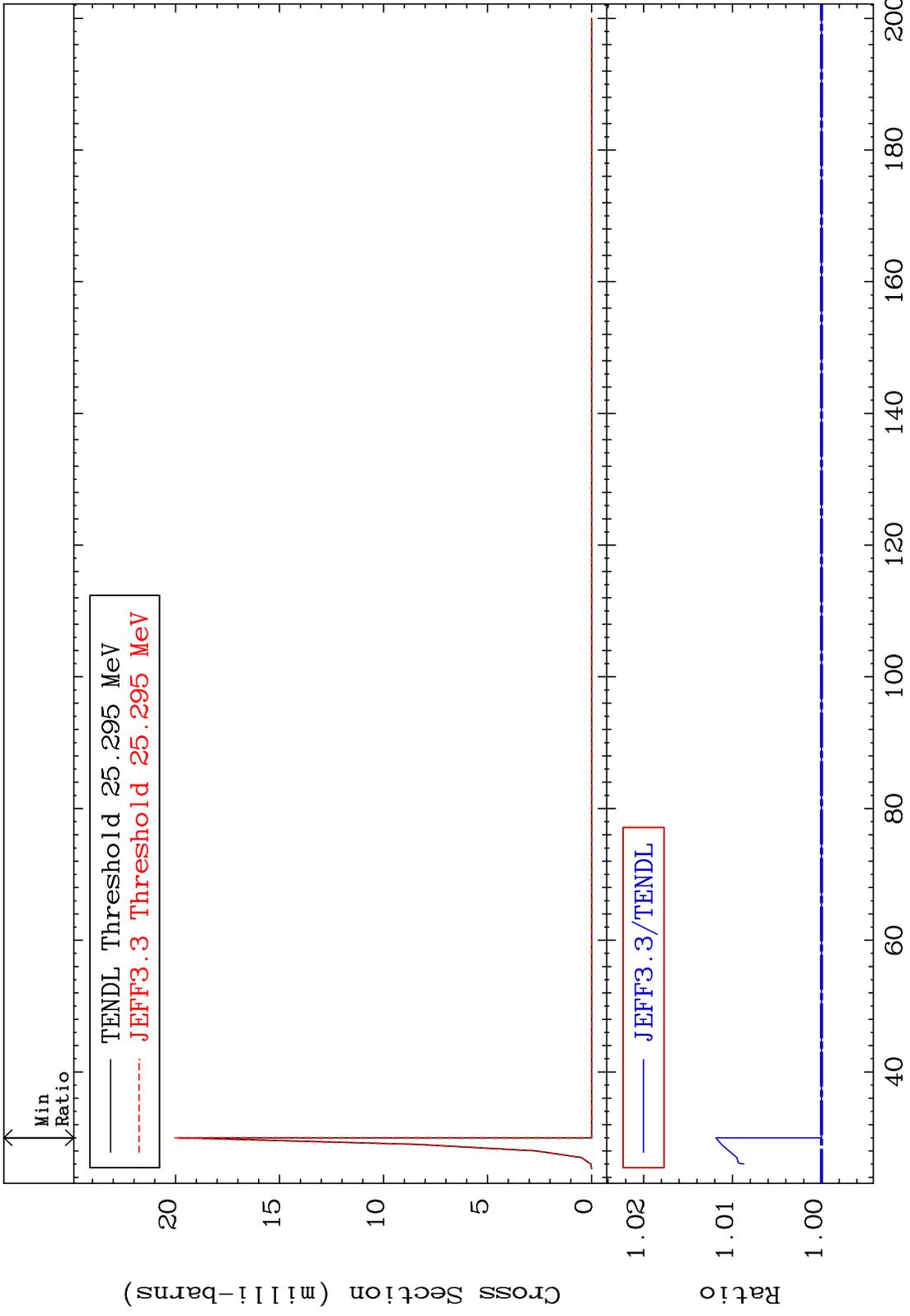
MAT 3234 (n, n') t 32-Ge-73
 Cross Section -0.181 To 0.211 %



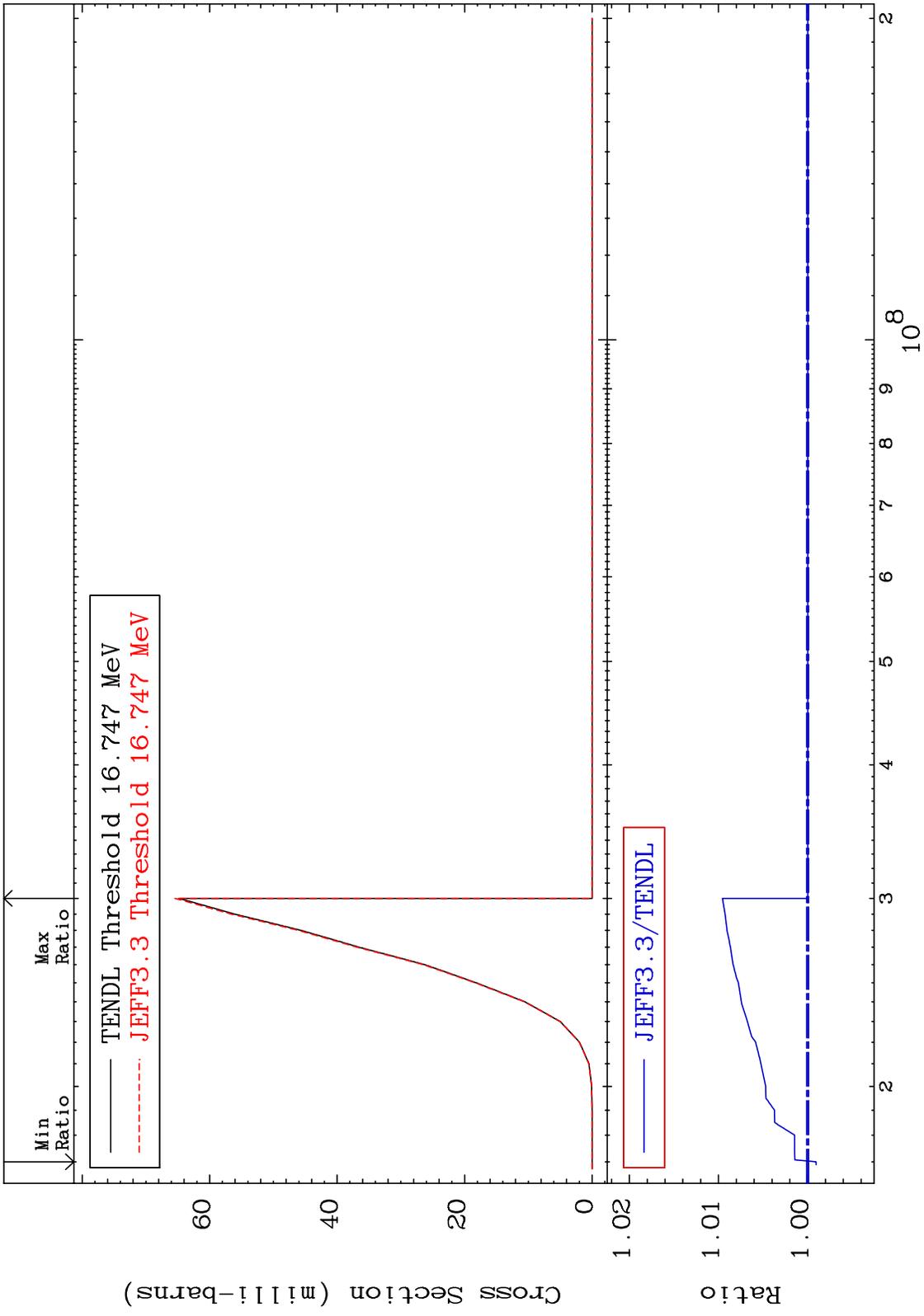
MAT 3234 (n, n') He-3 32-Ge-73
 Cross Section -0.180 To 0.000 %



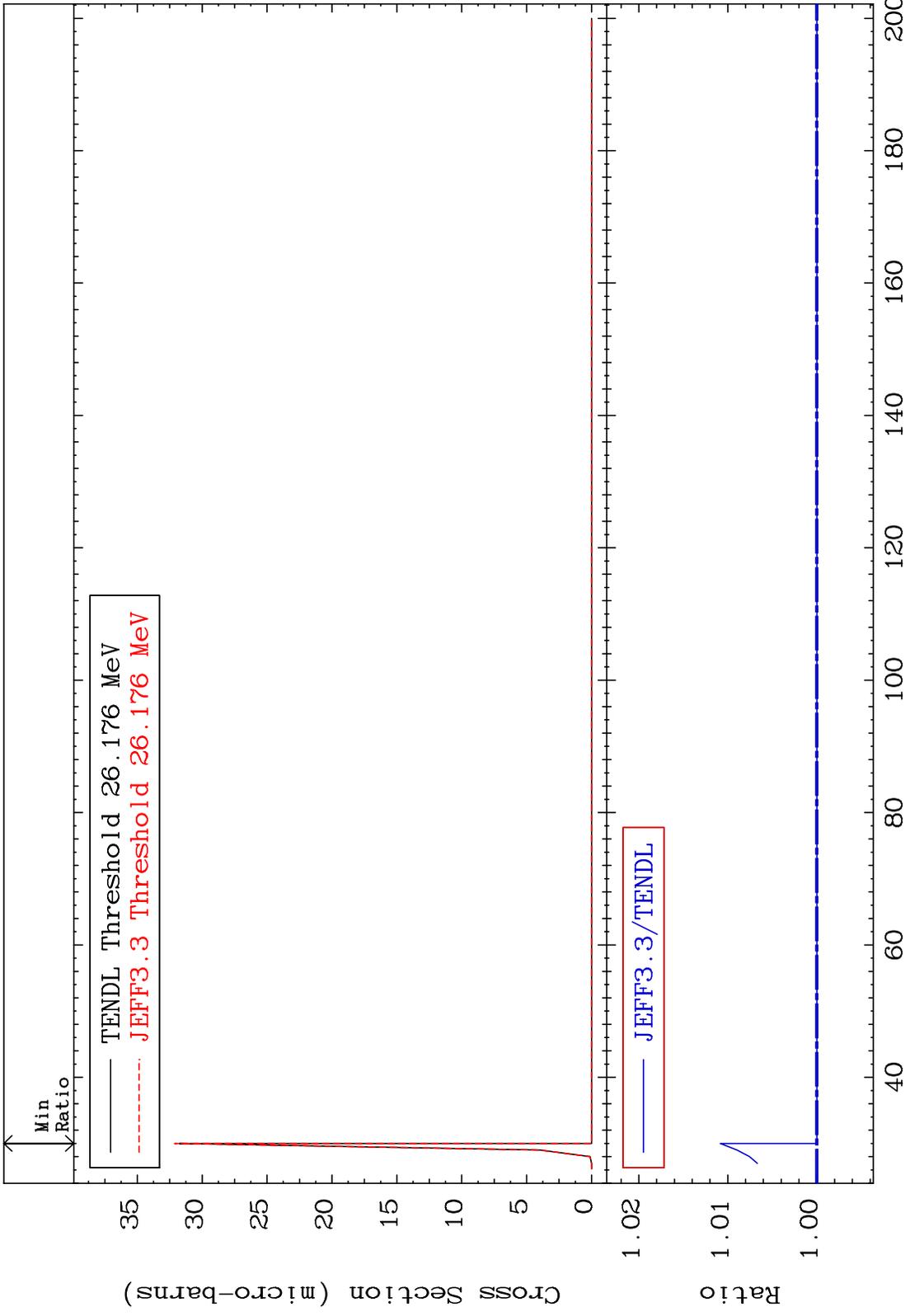
MAT 3234 (n,4n) Cross Section 32-Ge-73 To 1.189 %



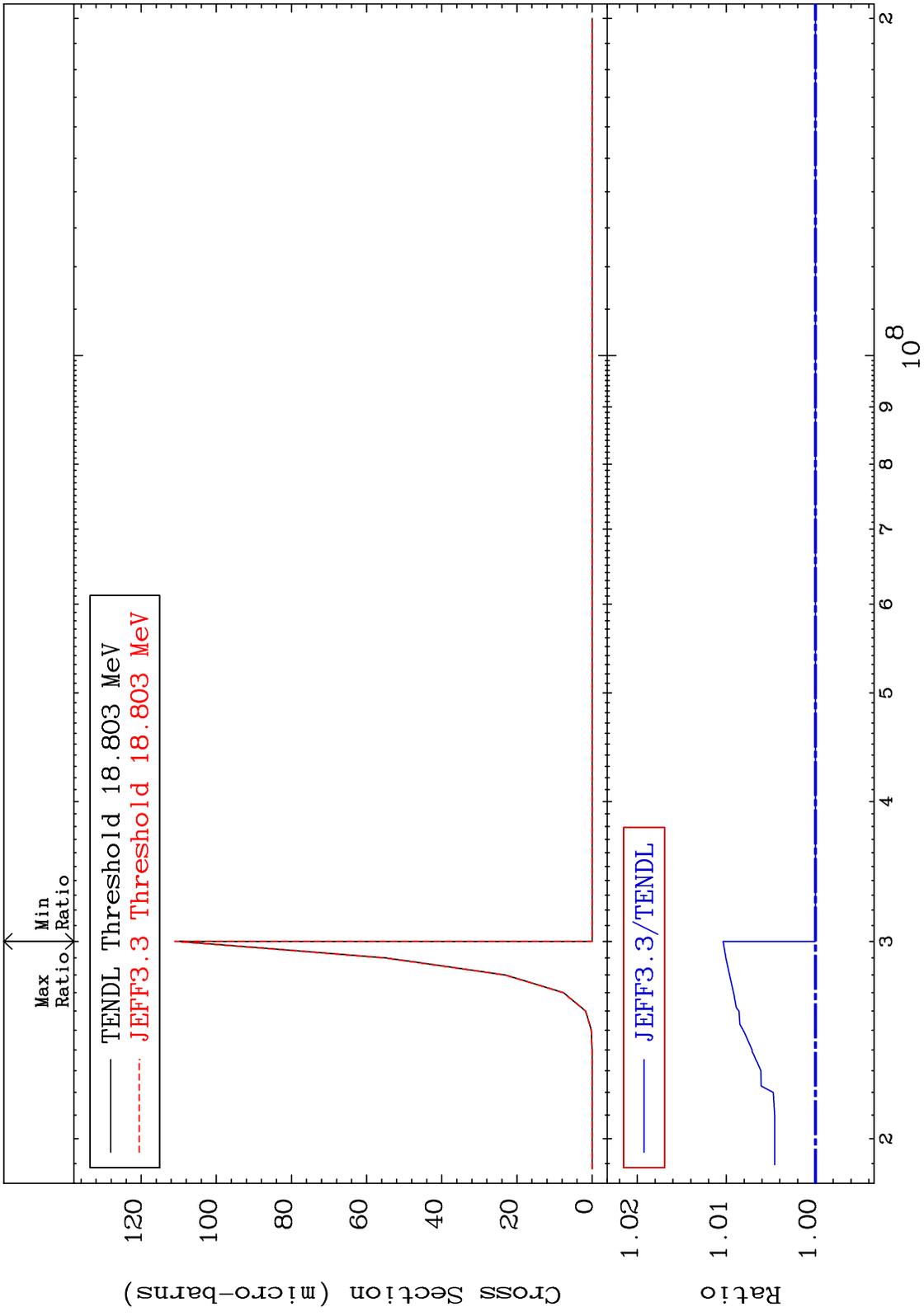
MAT 3234 (n,2n) p 32-Ge-73
 Cross Section -0.095 To 0.956 %



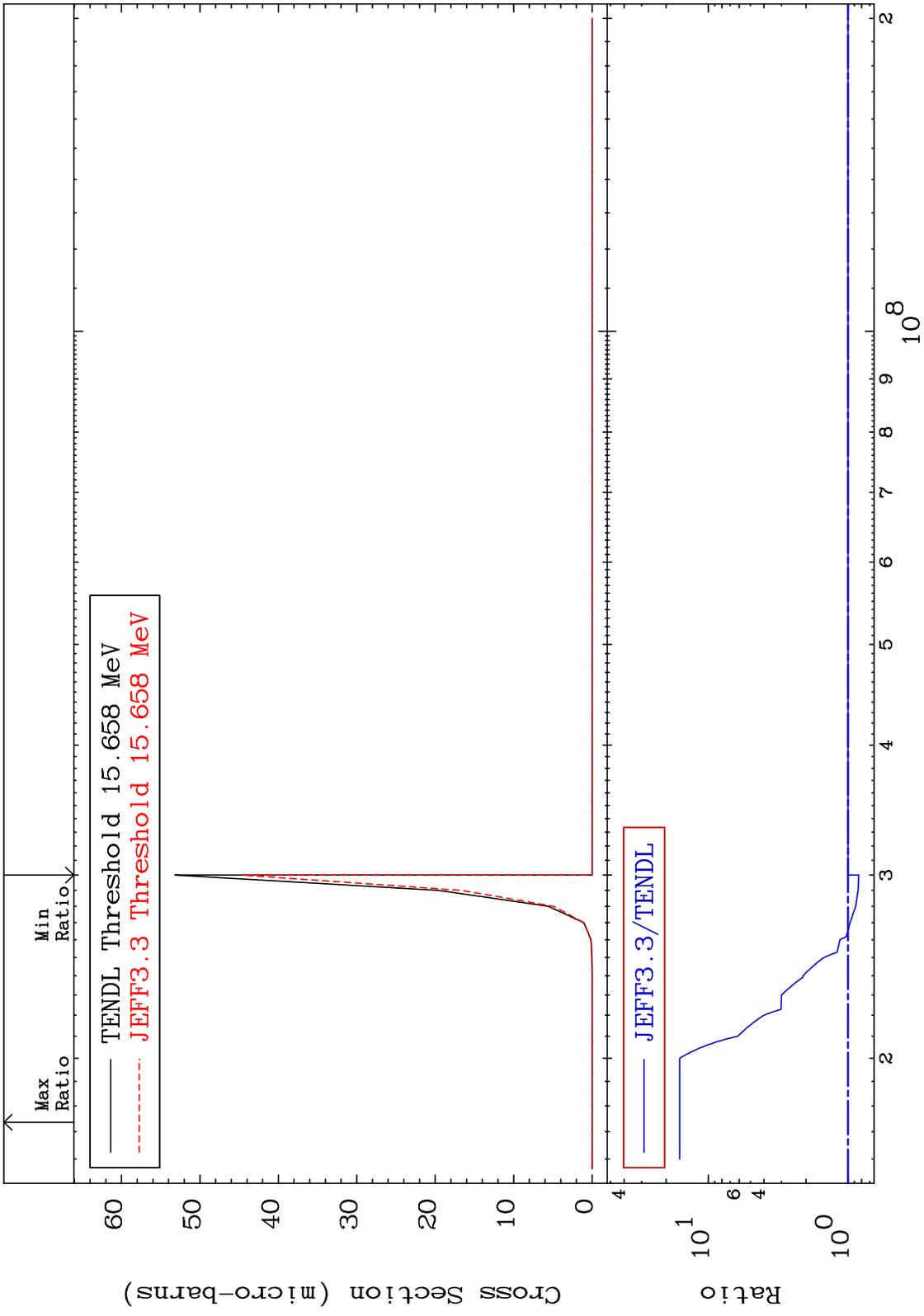
MAT 3234 (n,3n) p 32-Ge-73
 Cross Section 0.000 To 1.083 %



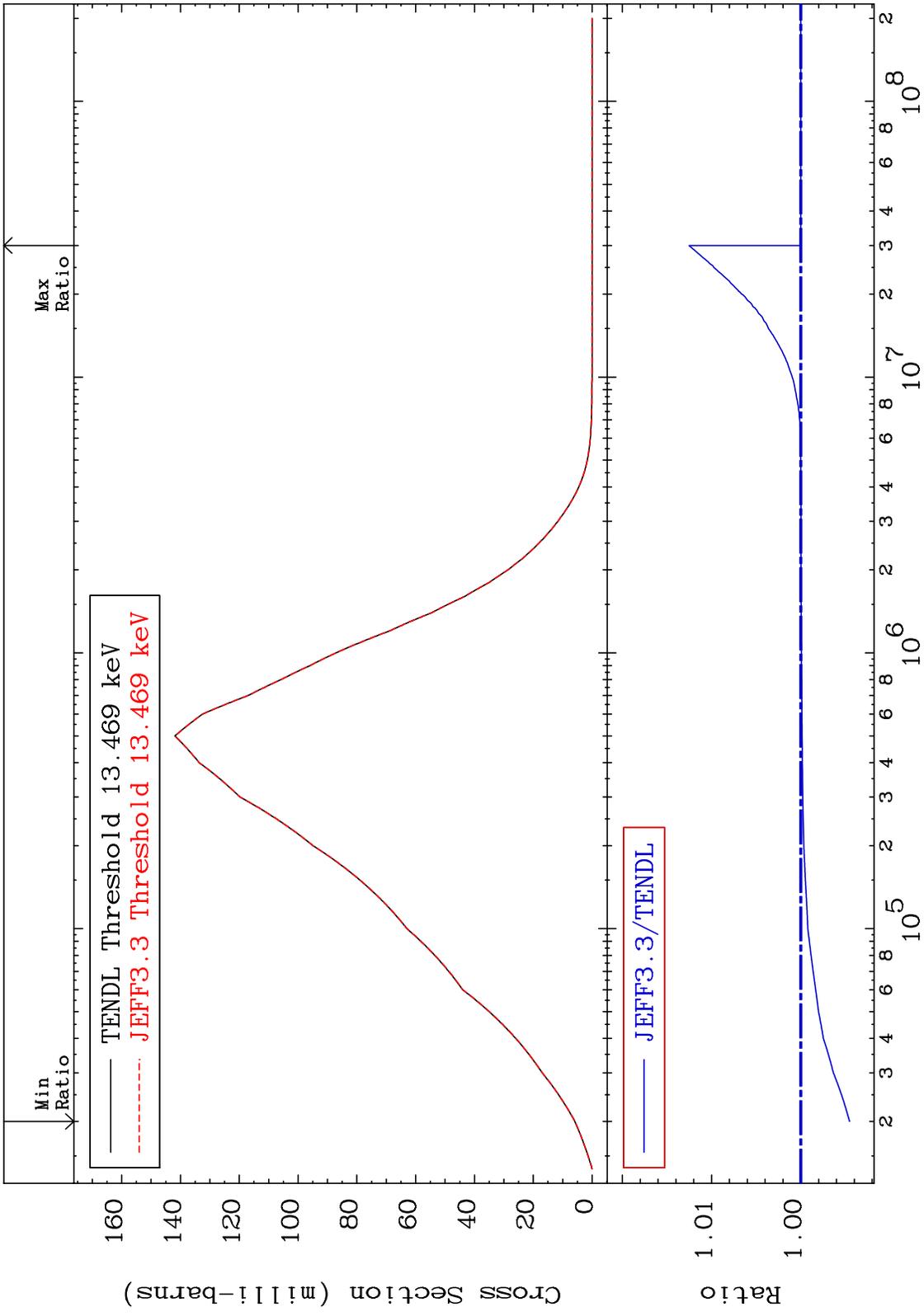
MAT 3234 (n,2n) p 32-Ge-73
 Cross Section 0.000 To 1.036 %



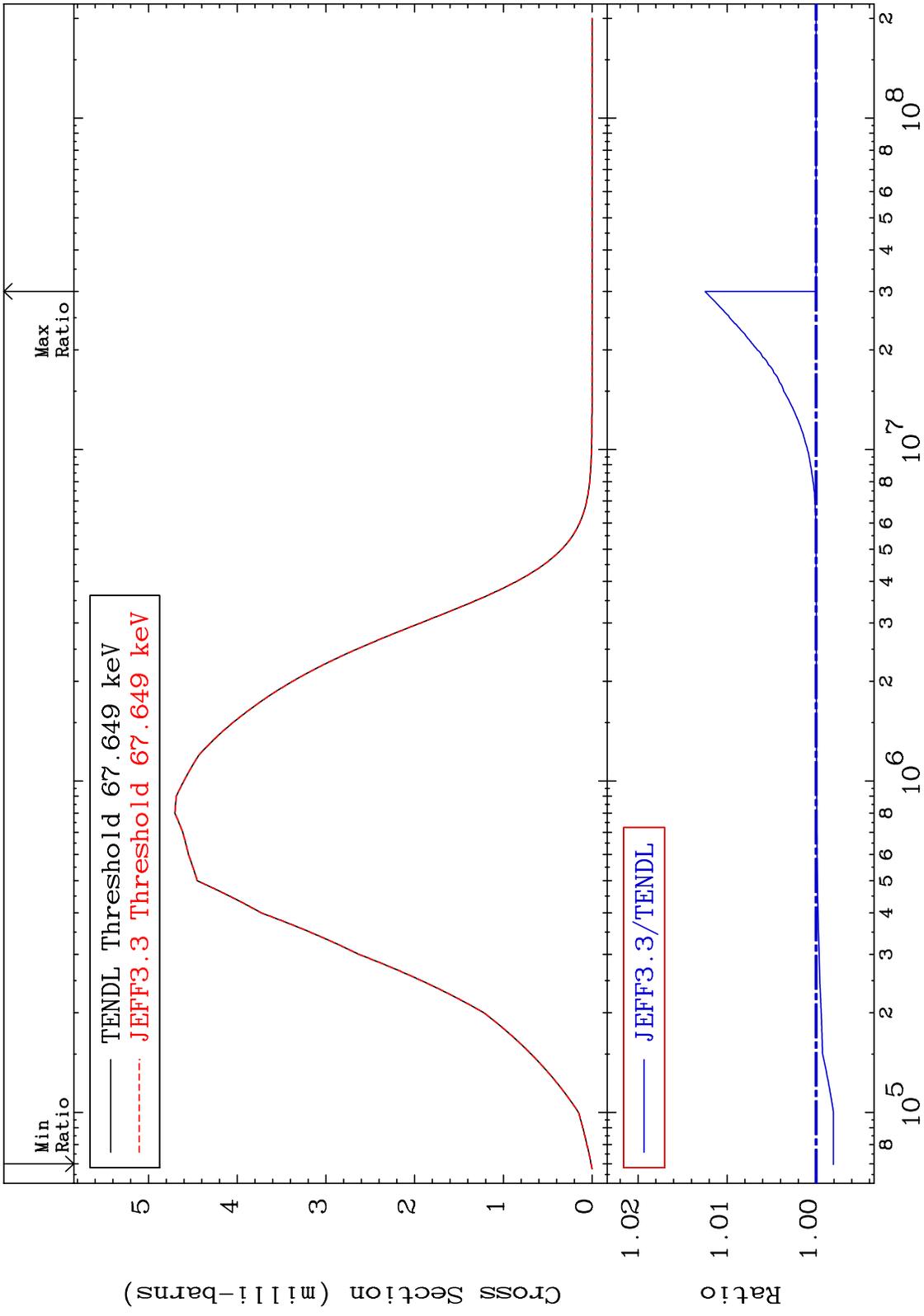
MAT 3234 (n,n') p α 32-Ge-73
 Cross Section -16.18 To 1500. %



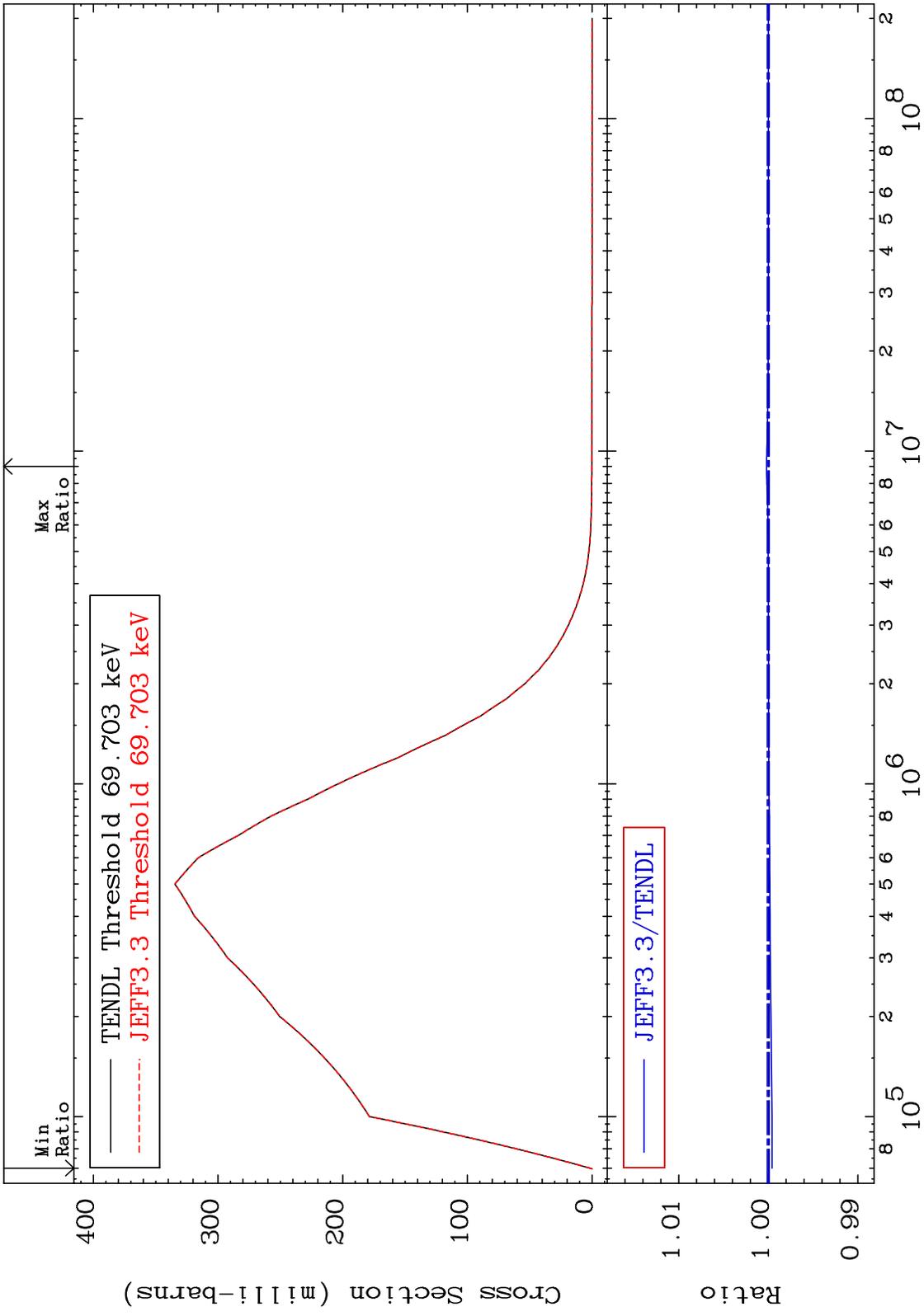
MAT 3234 MT= 51 (n,n') Level Cross Section 32-Ge-73
 -0.547 To 1.252 %



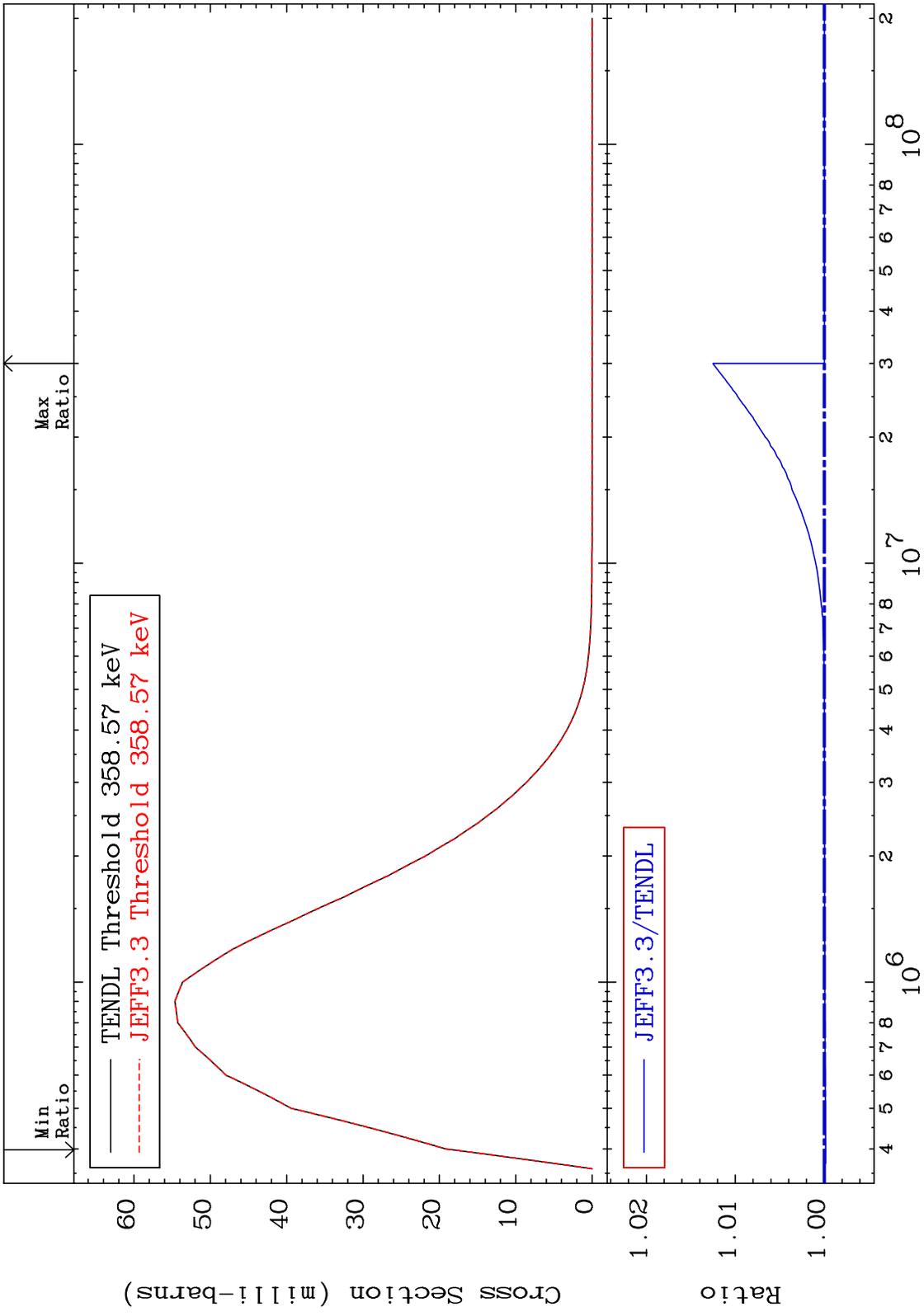
MAT 3234 MT= 52 (n,n') Level Cross Section 32-Ge-73
 -0.194 To 1.247 %



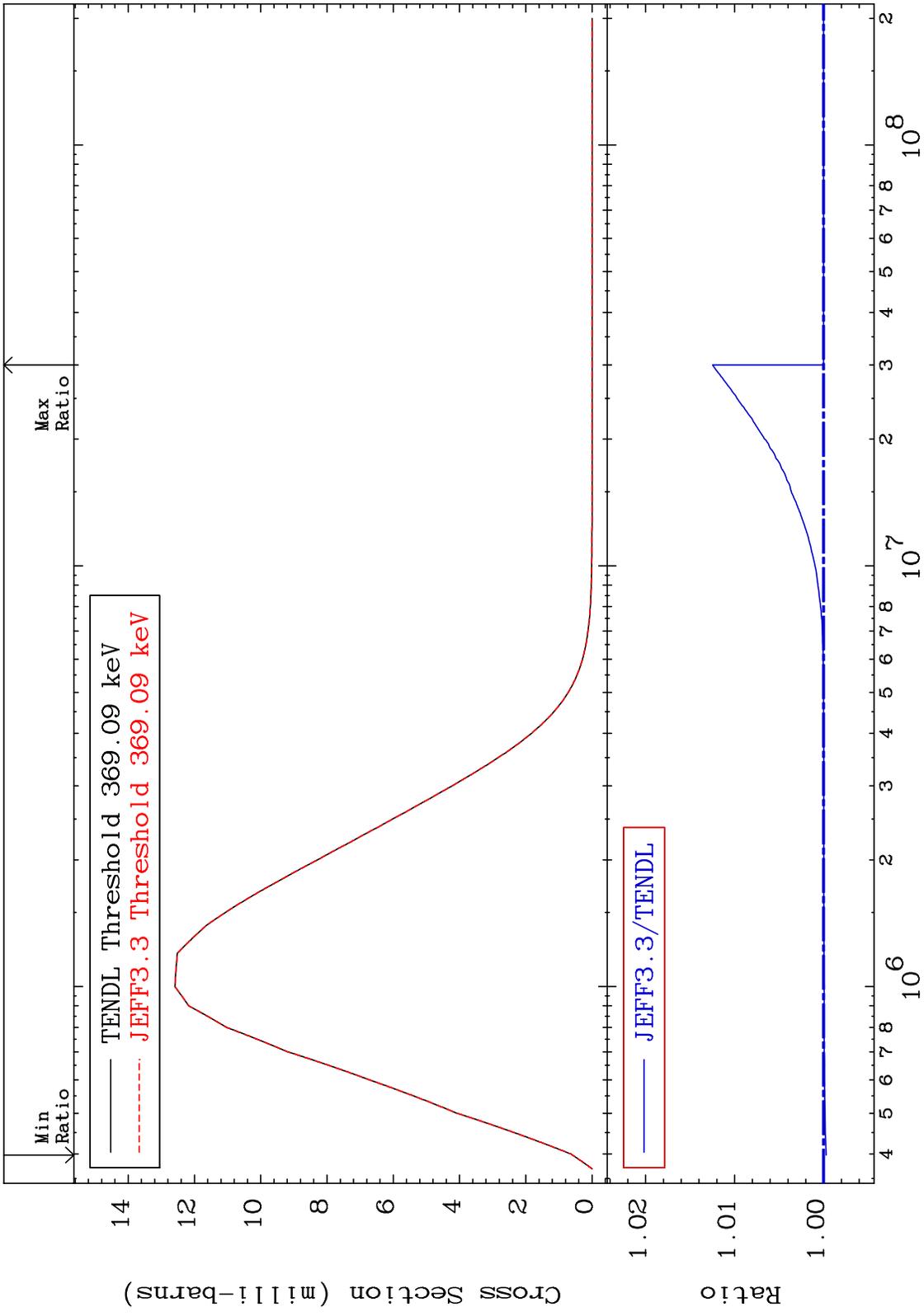
MAT 3234 MT= 53 (n,n') Level Cross Section -0.041 To 0.018 % 32-Ge-73



MAT 3234 MT= 54 (n,n') Level Cross Section 32-Ge-73
 -0.016 To 1.252 %



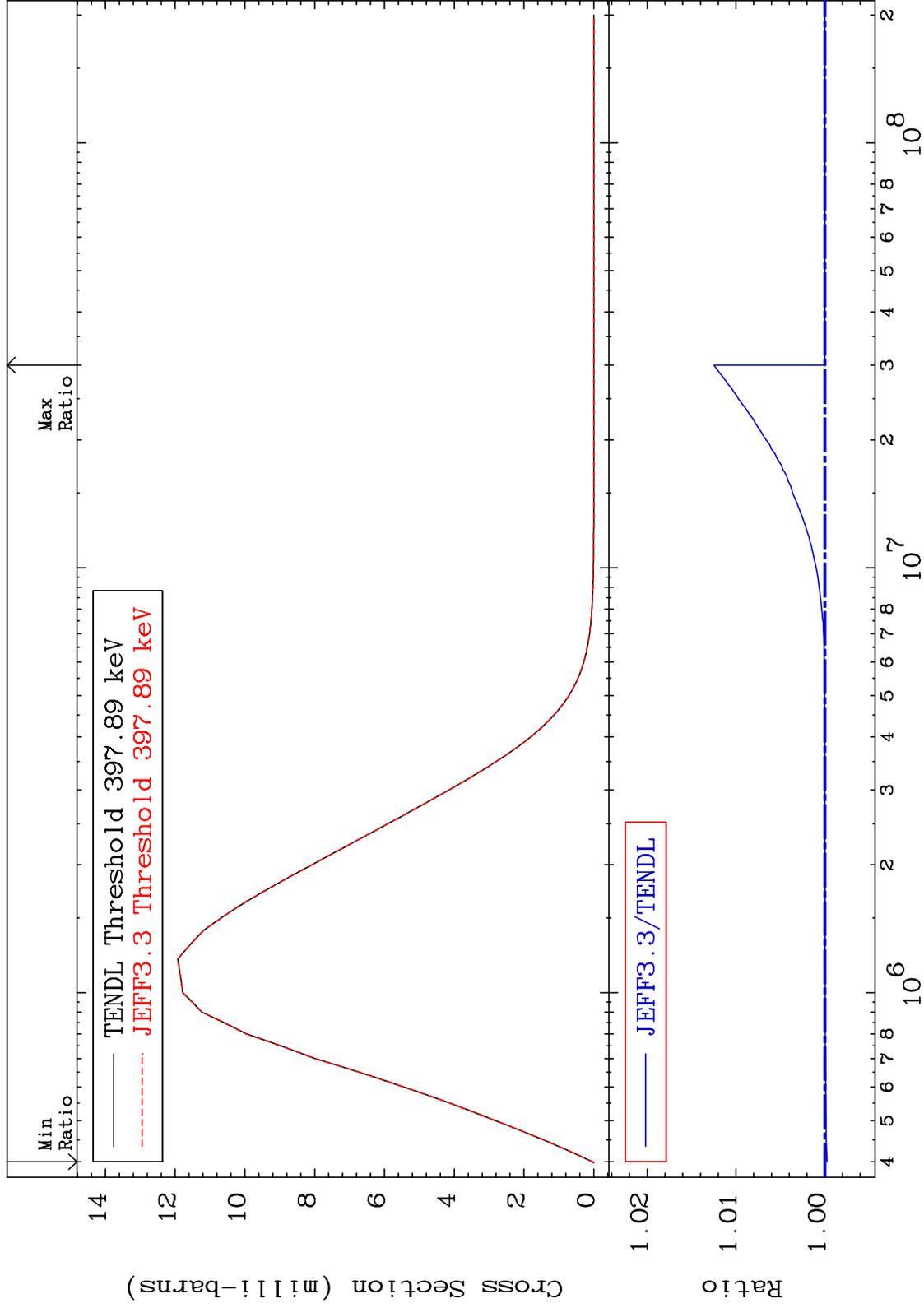
MAT 3234 MT= 55 (n,n') Level Cross Section -0.029 To 1.249 % 32-Ge-73



MAT 3234

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

32-Ge-73
-0.027 To 1.249 %

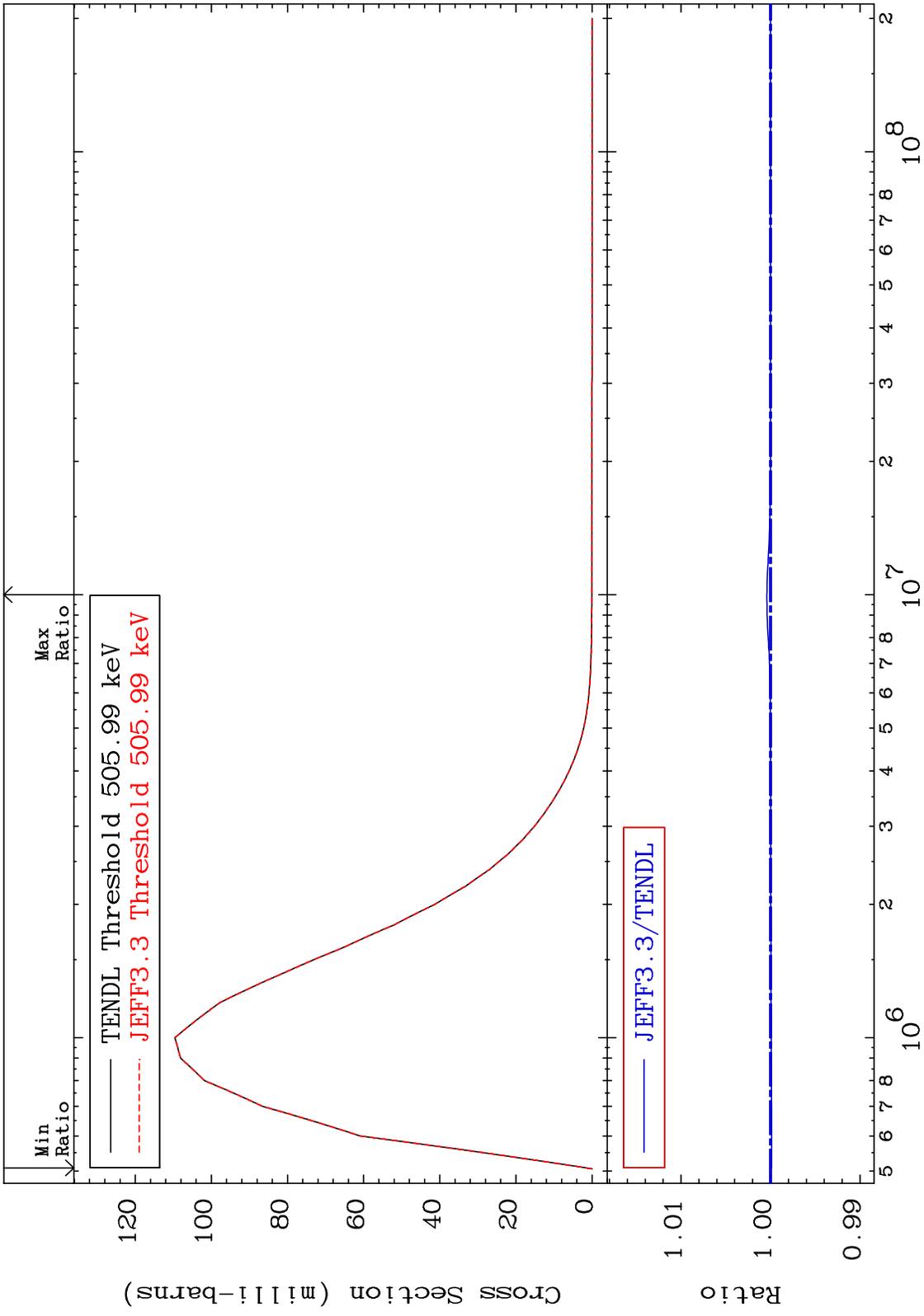


26

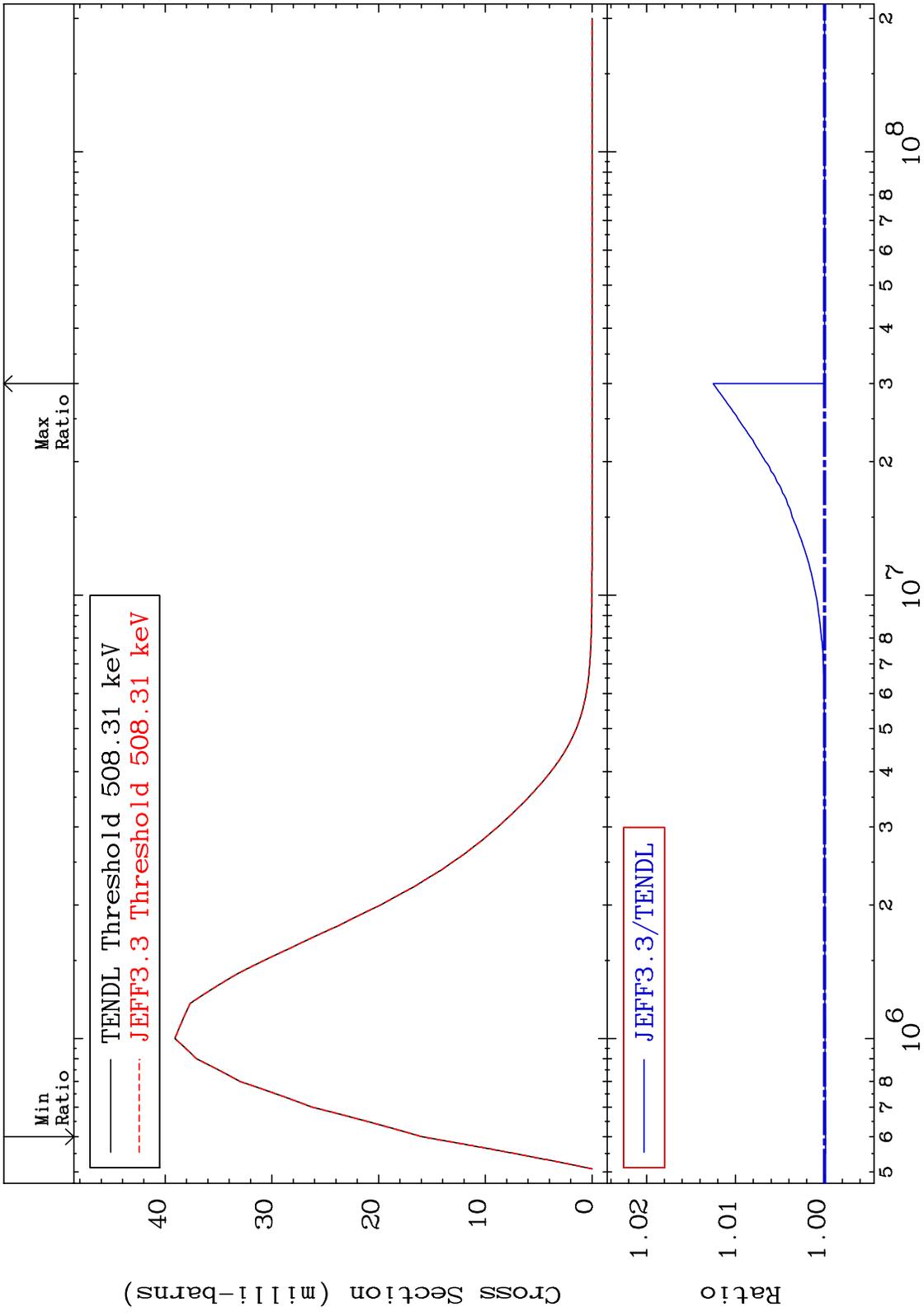
Incident Energy (eV)

32-Ge-73

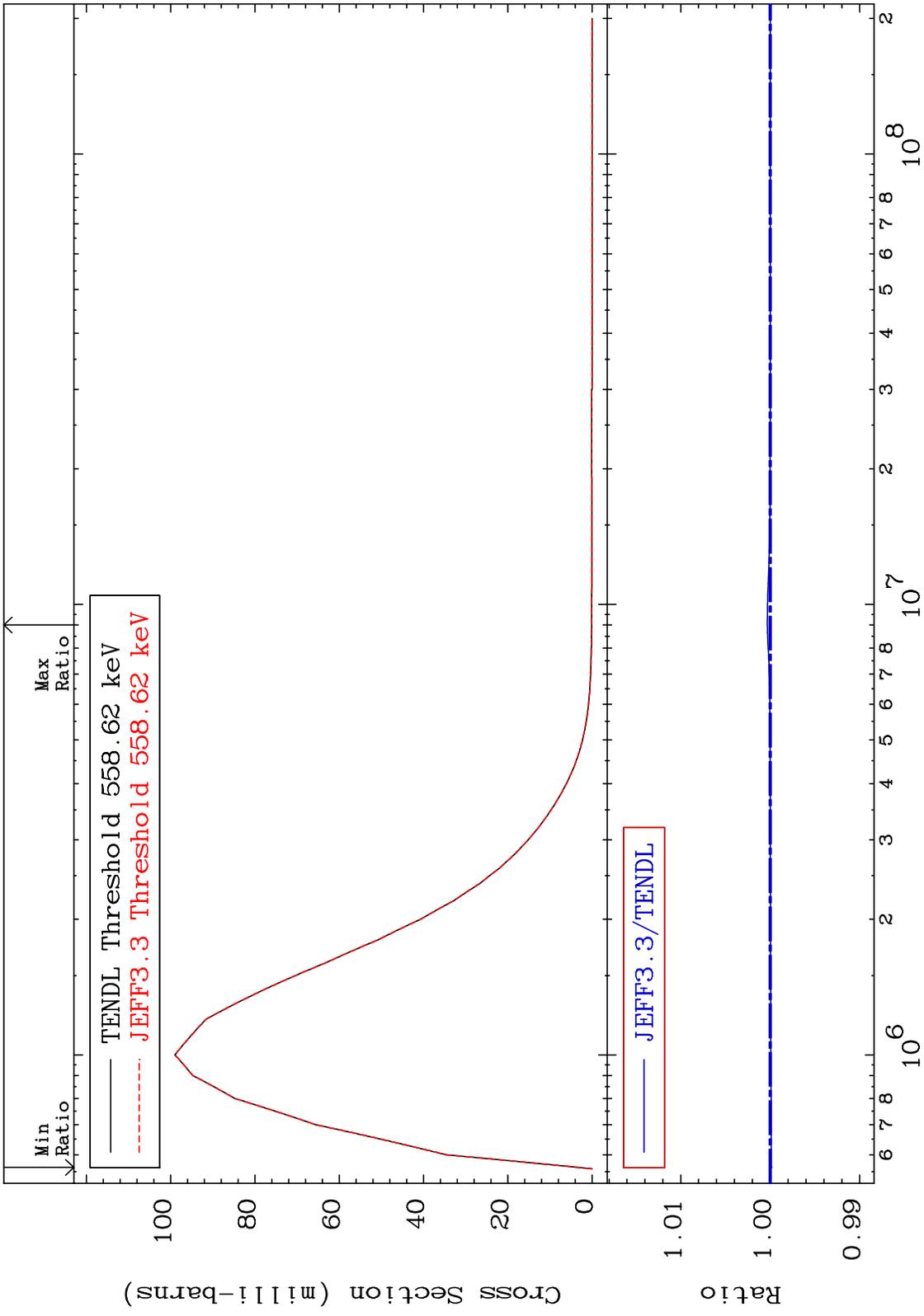
MAT 3234 MT= 57 (n,n') Level Cross Section -0.013 To 0.041 % 32-Ge-73



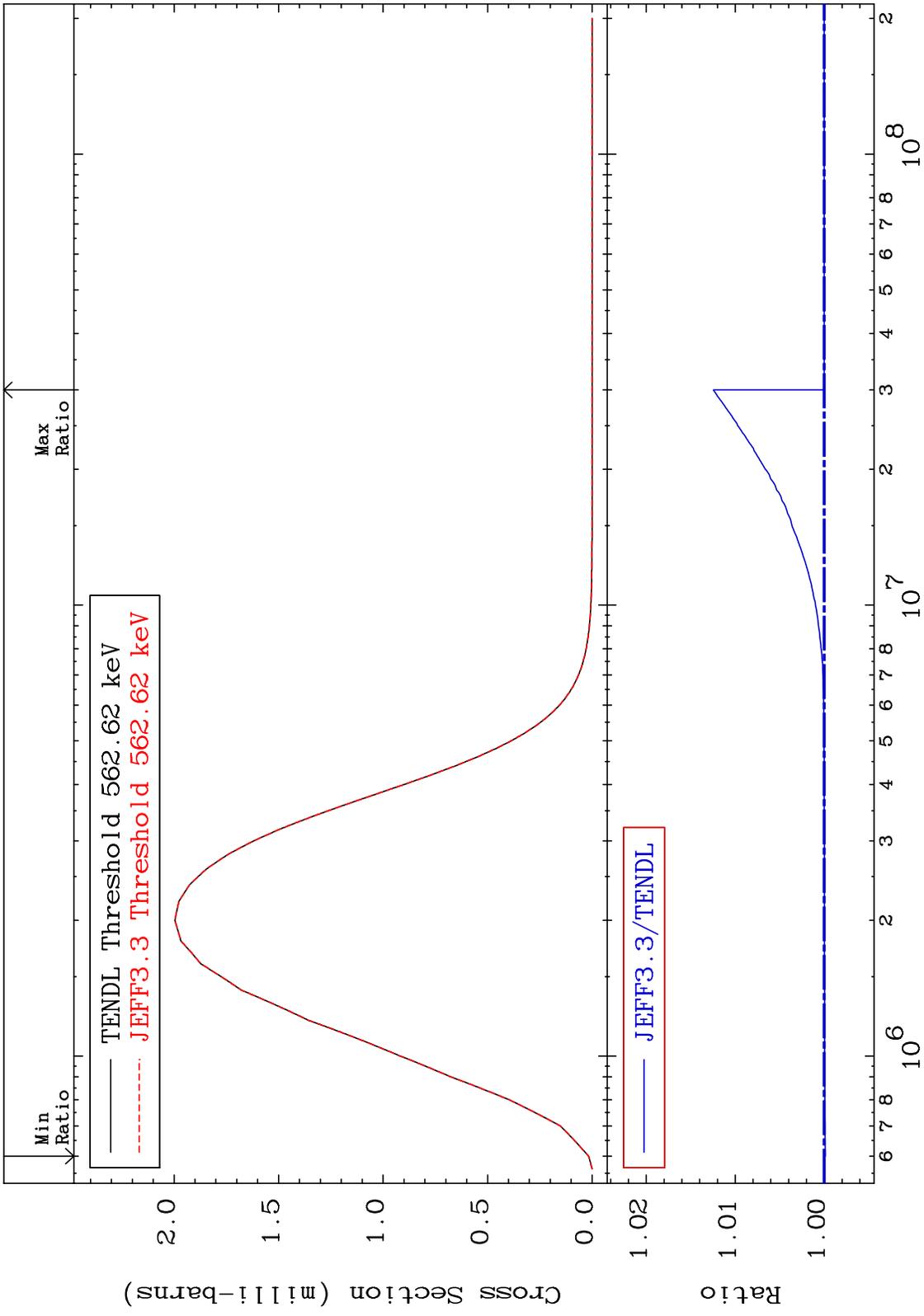
MAT 3234 MT= 58 (n,n') Level Cross Section -0.011 To 1.252 % 32-Ge-73



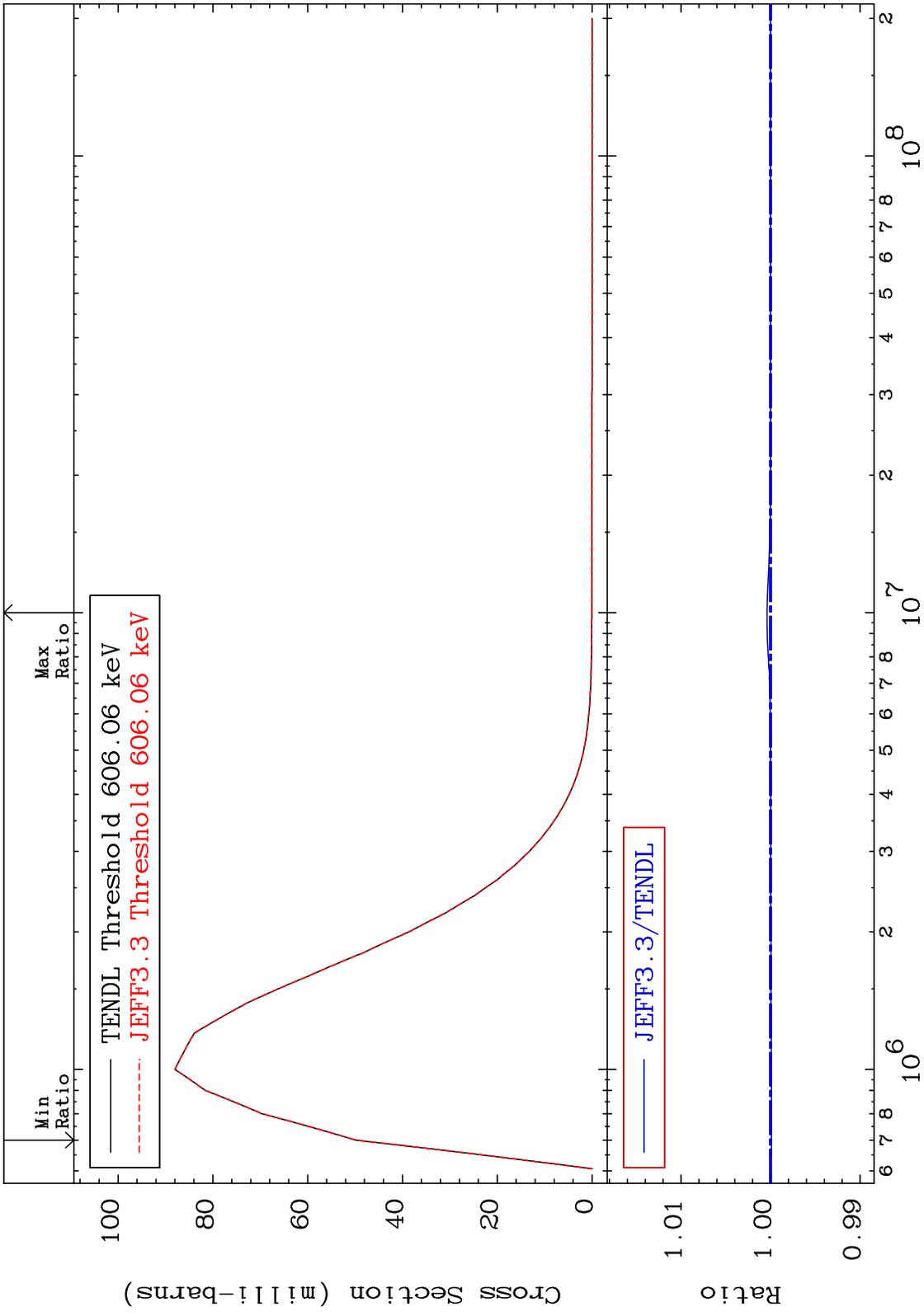
MAT 3234 MT= 59 (n,n') Level Cross Section -0.011 To 0.032 % 32-Ge-73



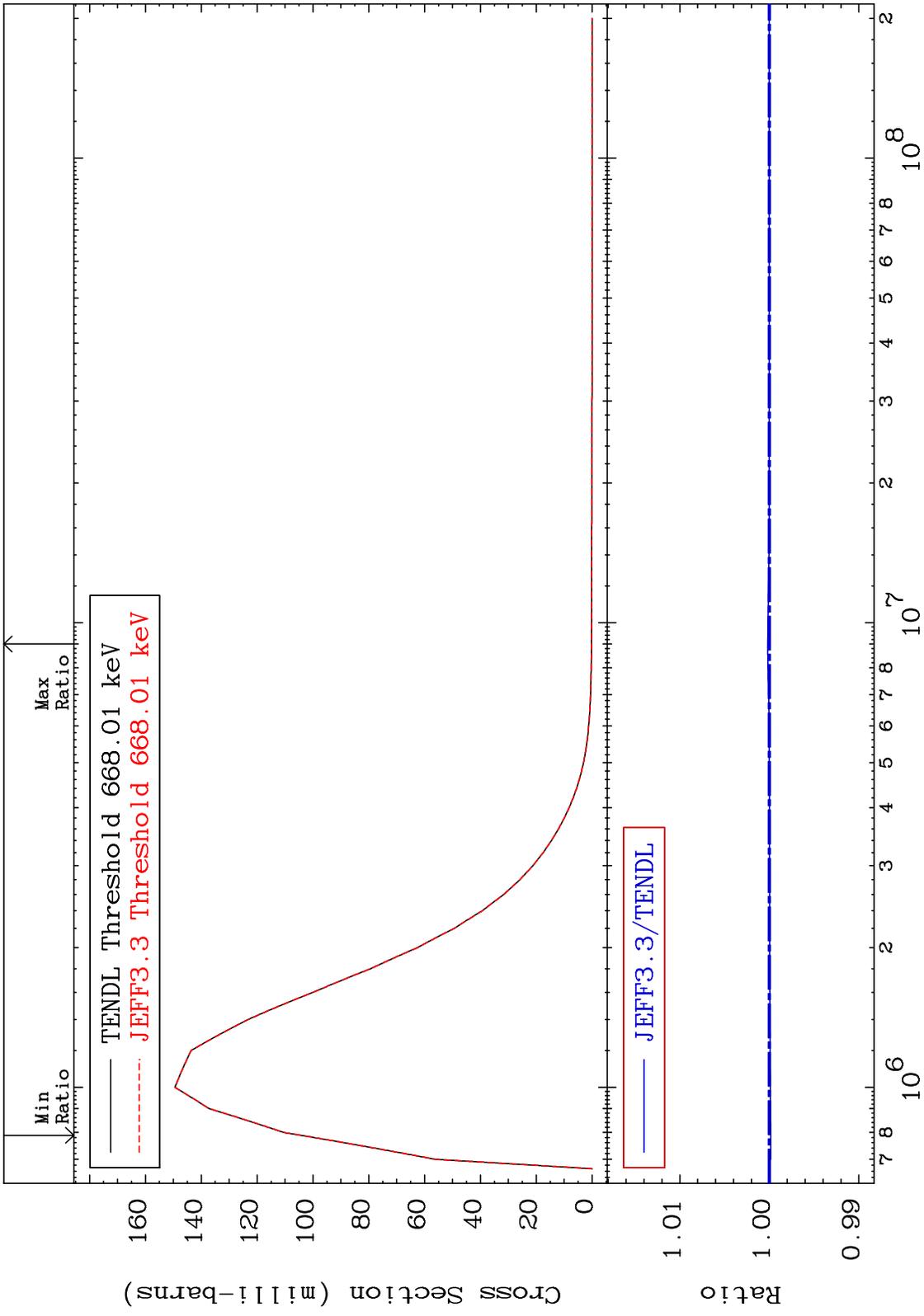
MAT 3234 MT= 60 (n,n') Level Cross Section 32-Ge-73
 -0.012 To 1.247 %



MAT 3234 MT= 61 (n,n') Level Cross Section -0.010 To 0.039 % 32-Ge-73

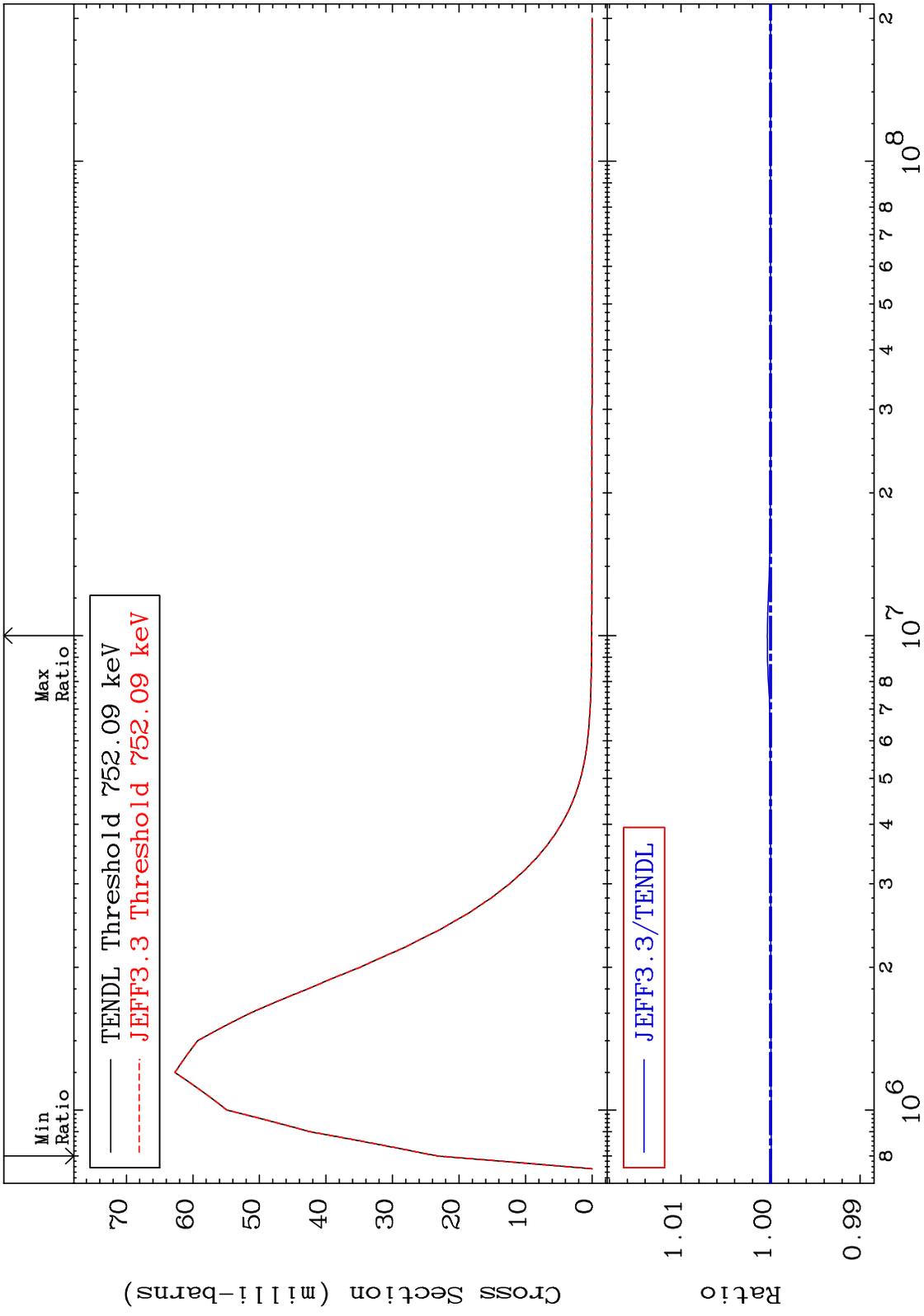


MAT 3234 MT= 62 (n,n') Level Cross Section -0.016 To 0.017 % 32-Ge-73

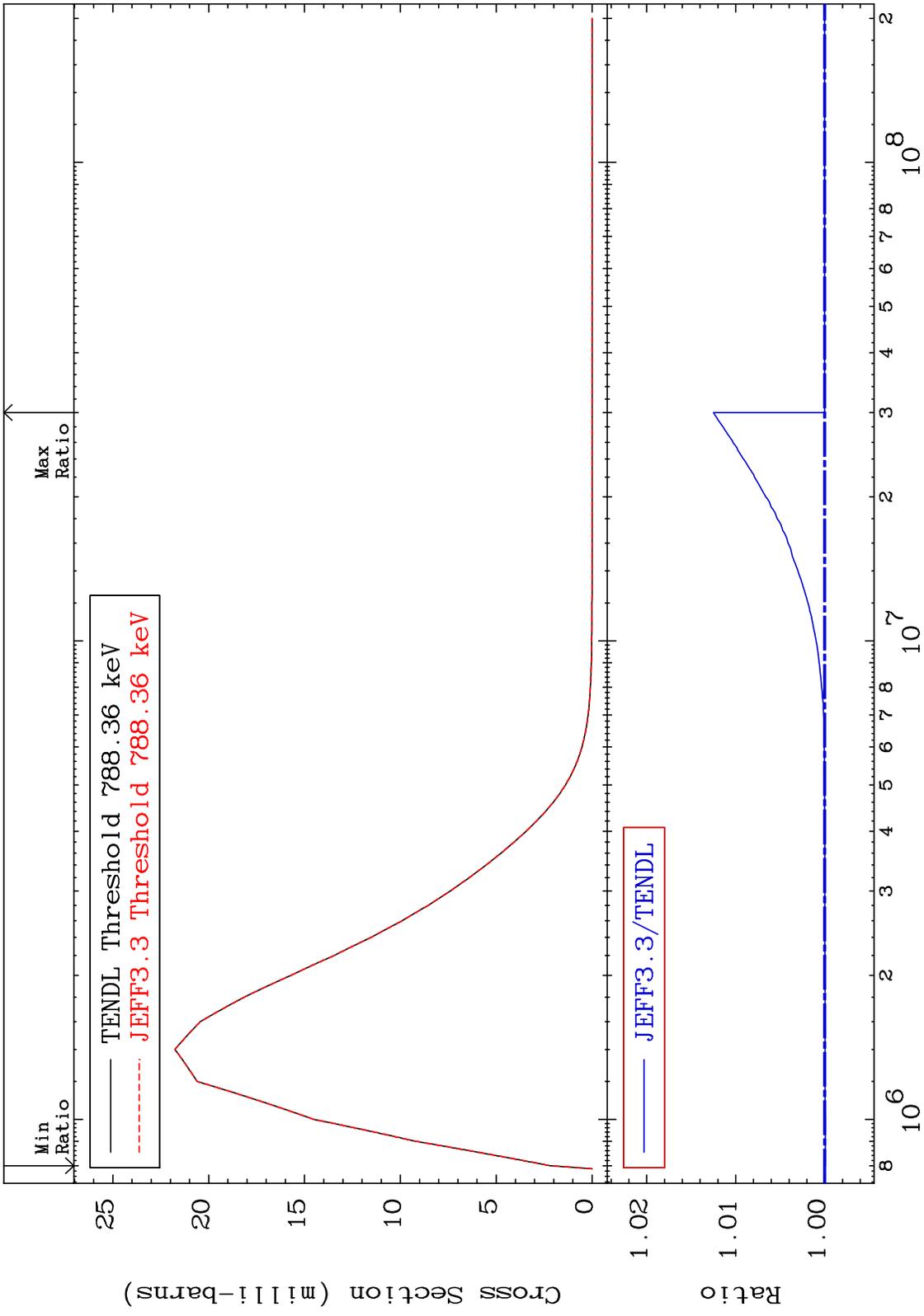


32 Incident Energy (eV) 32-Ge-73

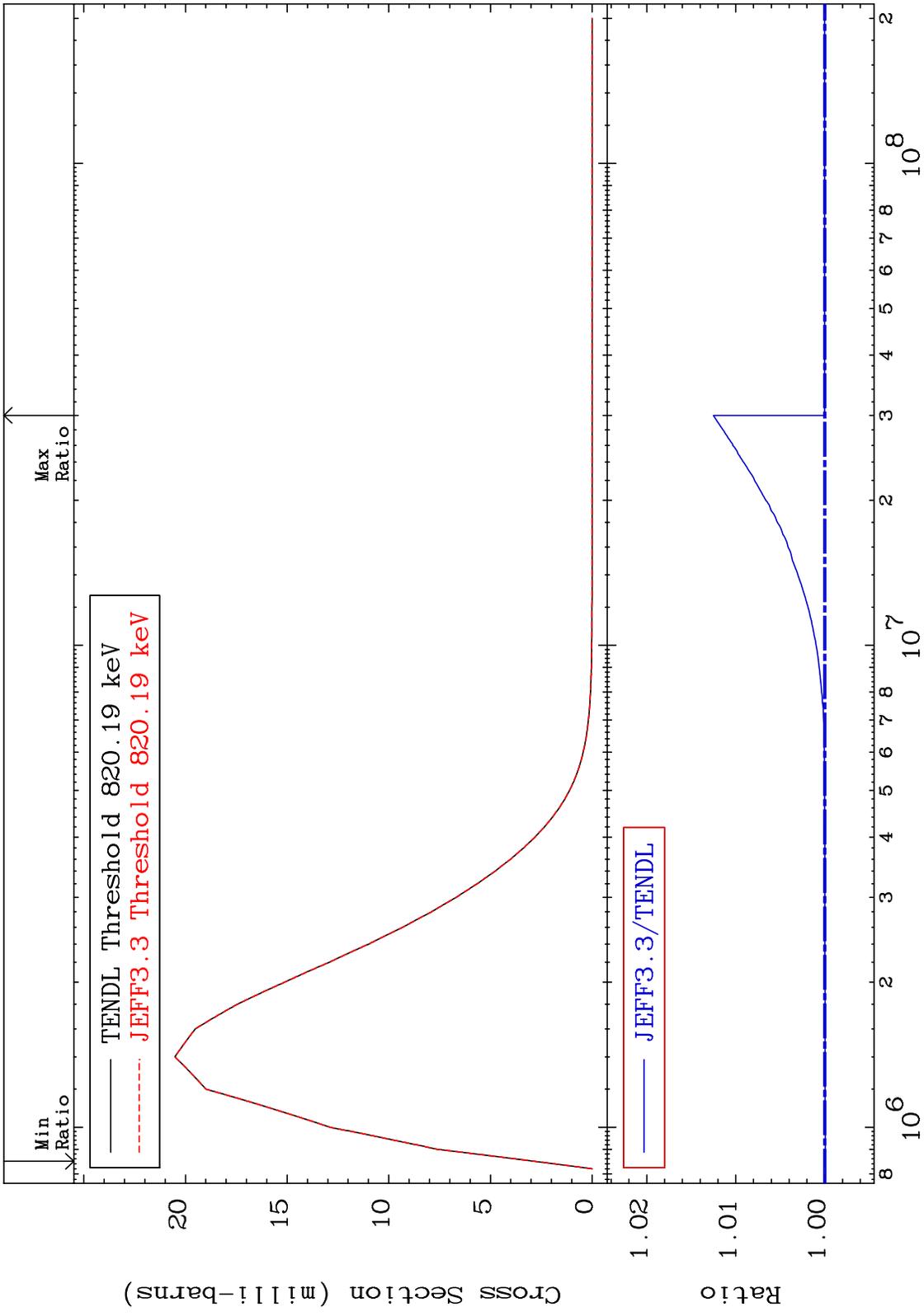
MAT 3234 MT= 63 (n,n') Level Cross Section -0.008 To 0.035 % 32-Ge-73



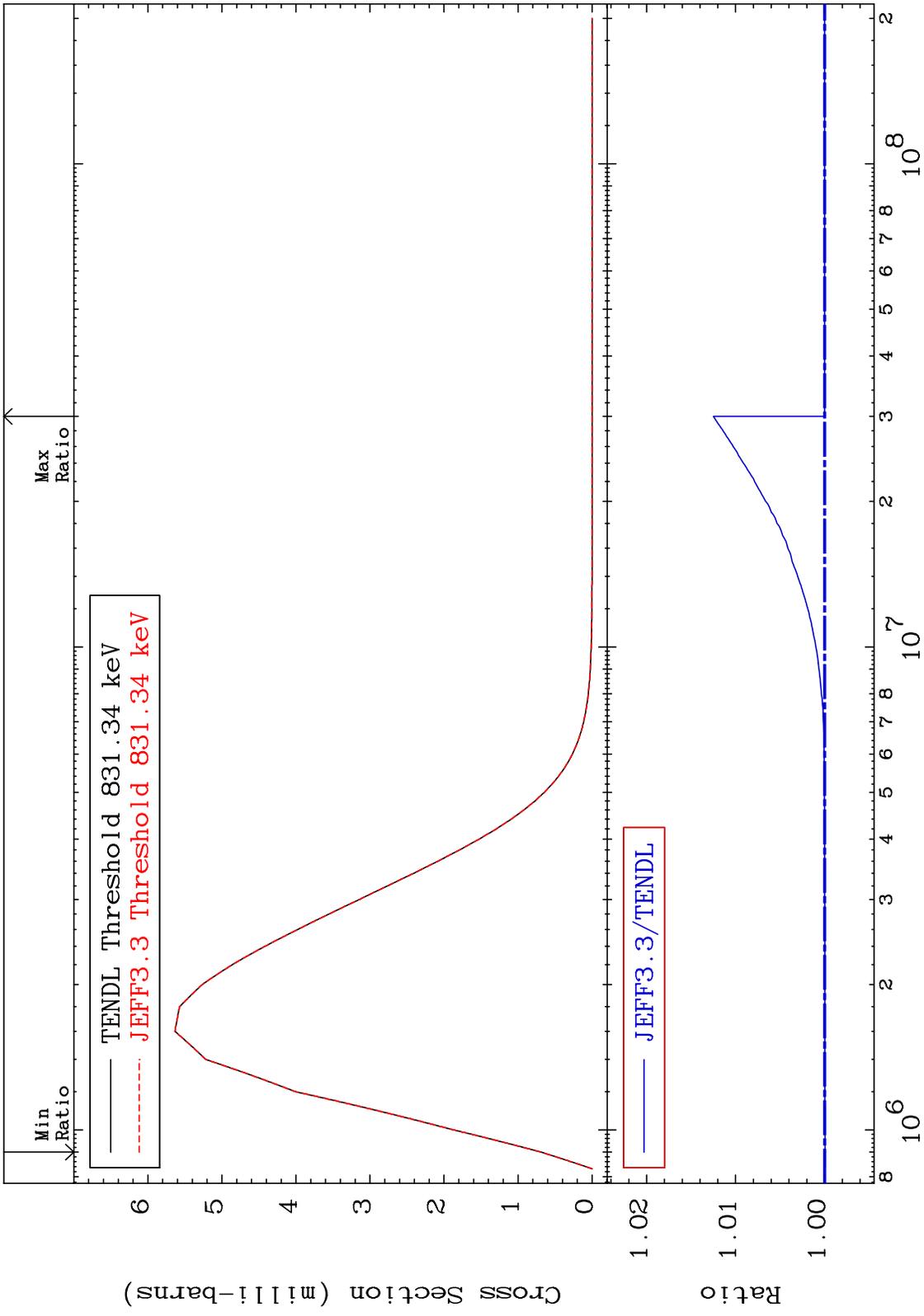
MAT 3234 MT= 64 (n,n') Level Cross Section 32-Ge-73
 -0.006 To 1.252 %



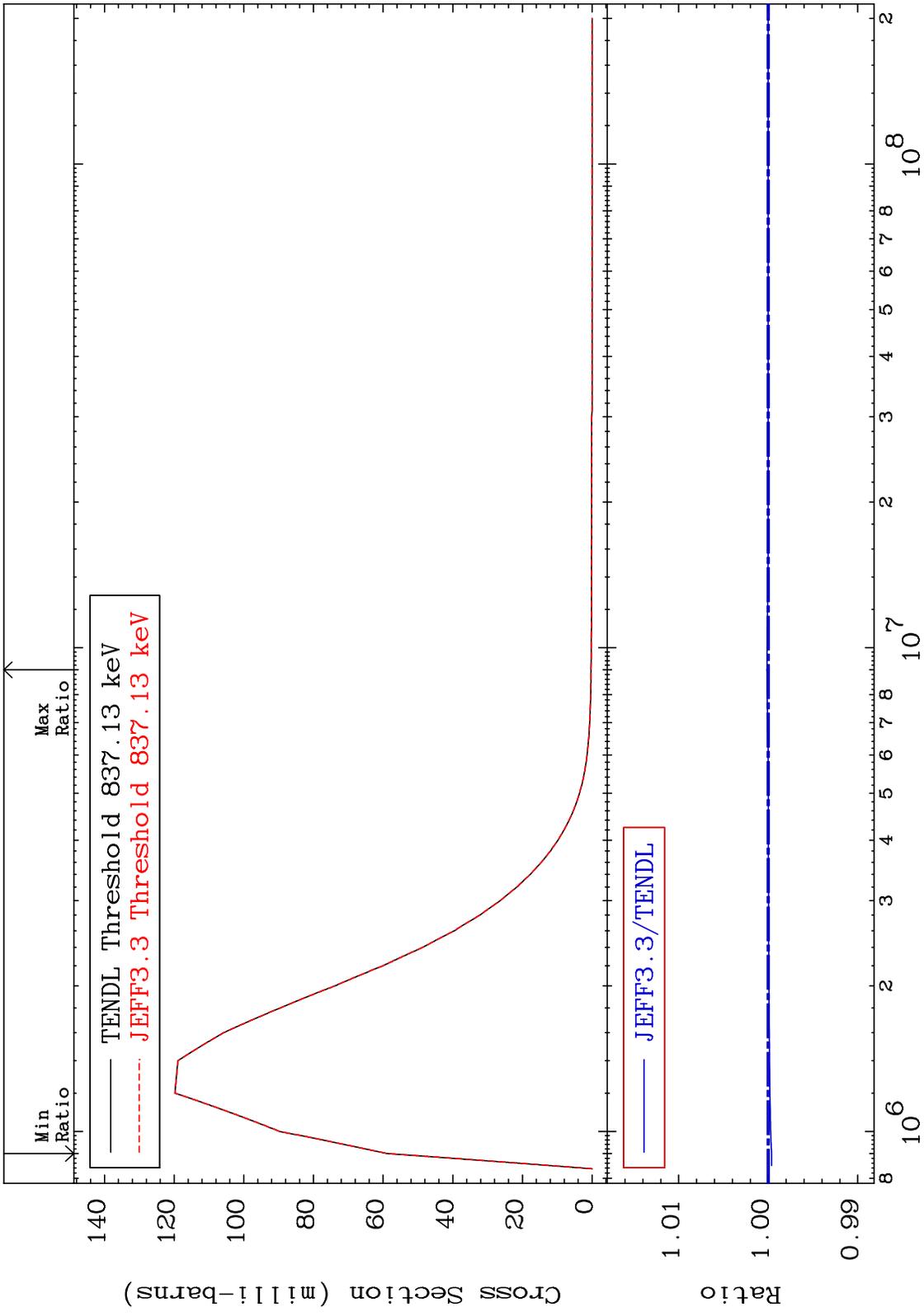
MAT 3234 MT= 65 (n,n') Level Cross Section 32-Ge-73
 -0.006 To 1.252 %



MAT 3234 MT= 66 (n,n') Level Cross Section 32-Ge-73
 -0.006 To 1.248 %

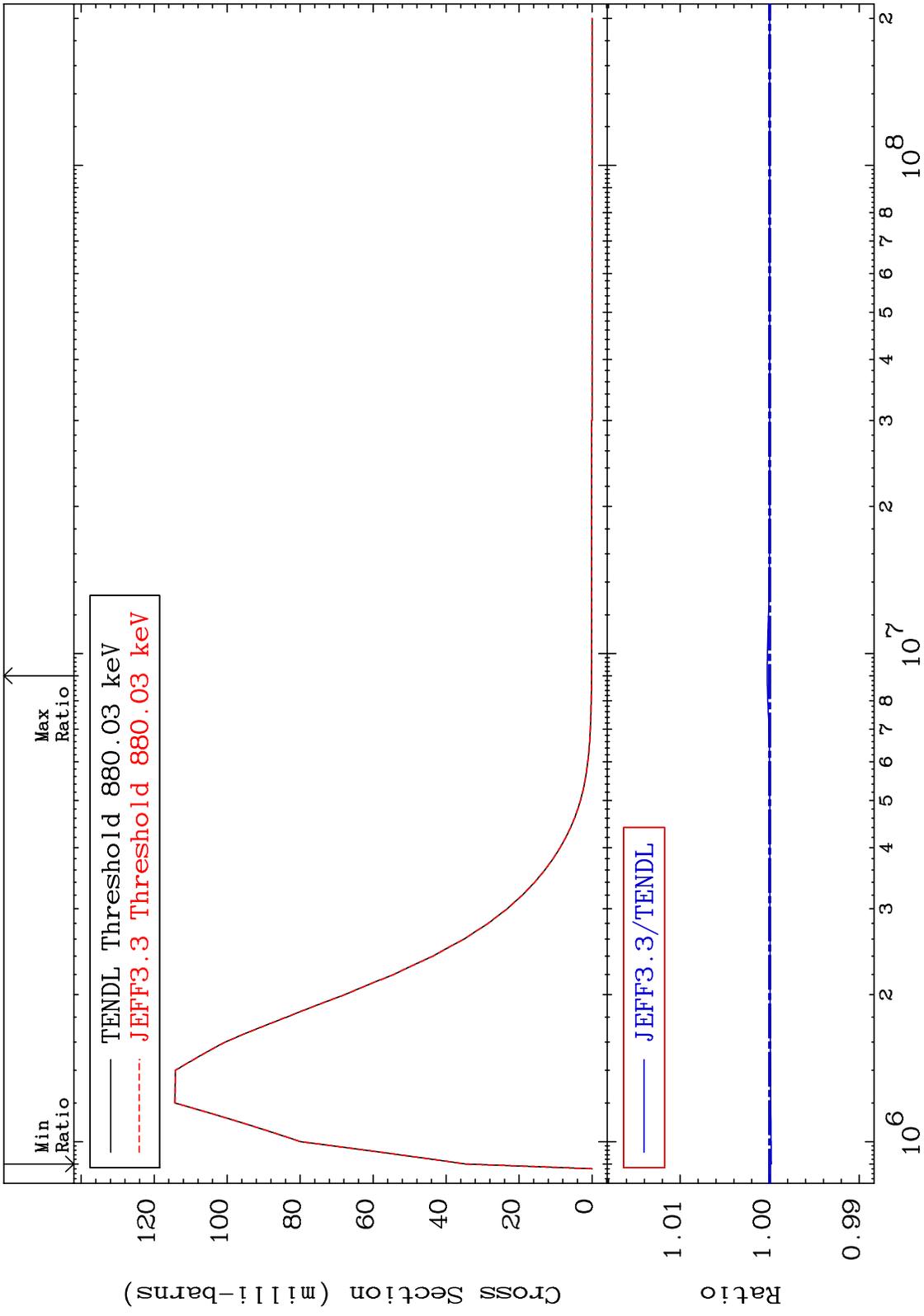


MAT 3234 MT= 67 (n,n') Level Cross Section 32-Ge-73
 -0.038 To 0.015 %



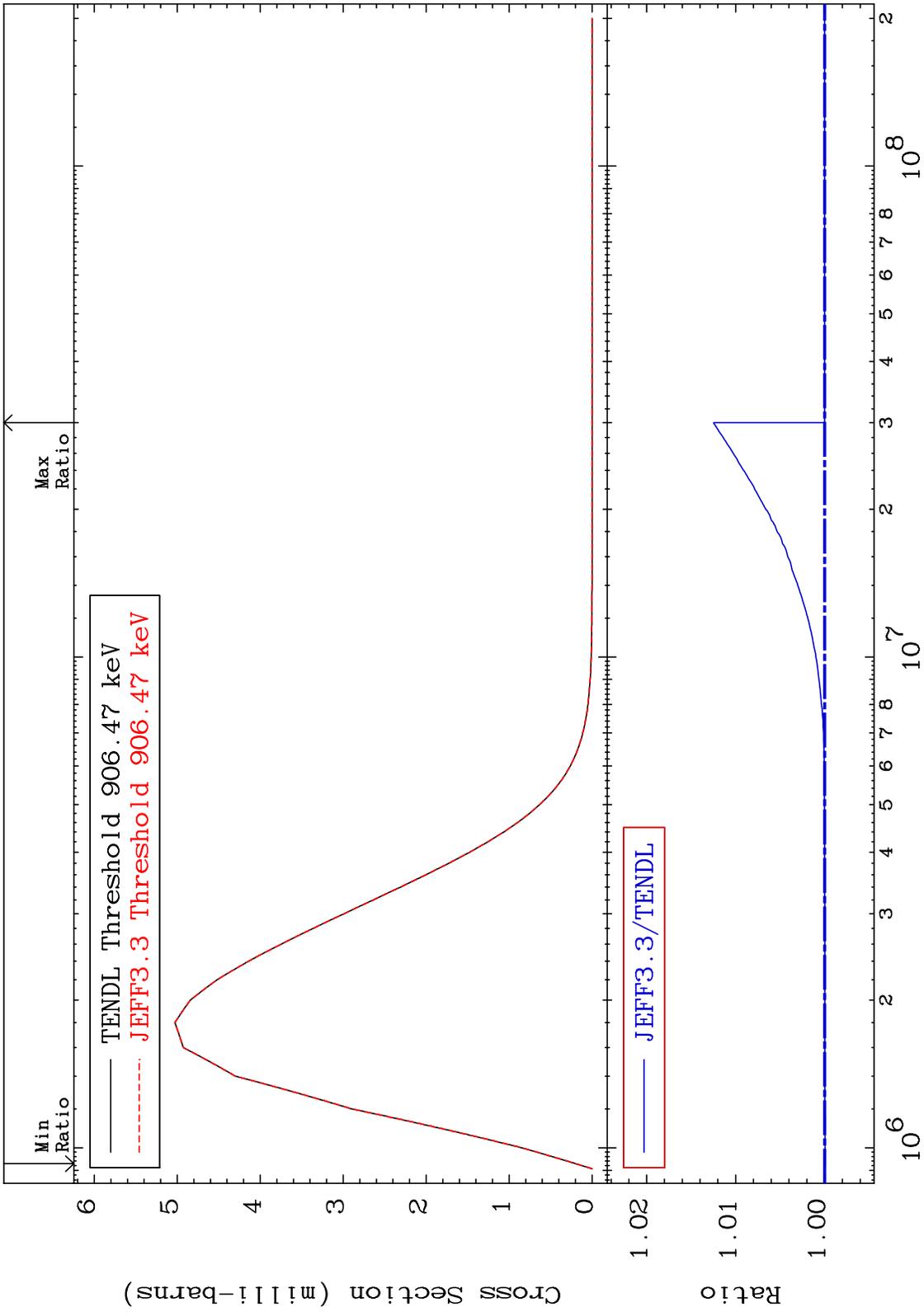
37 Incident Energy (eV) 32-Ge-73

MAT 3234 MT= 68 (n,n') Level Cross Section 32-Ge-73
-0.018 To 0.028 %



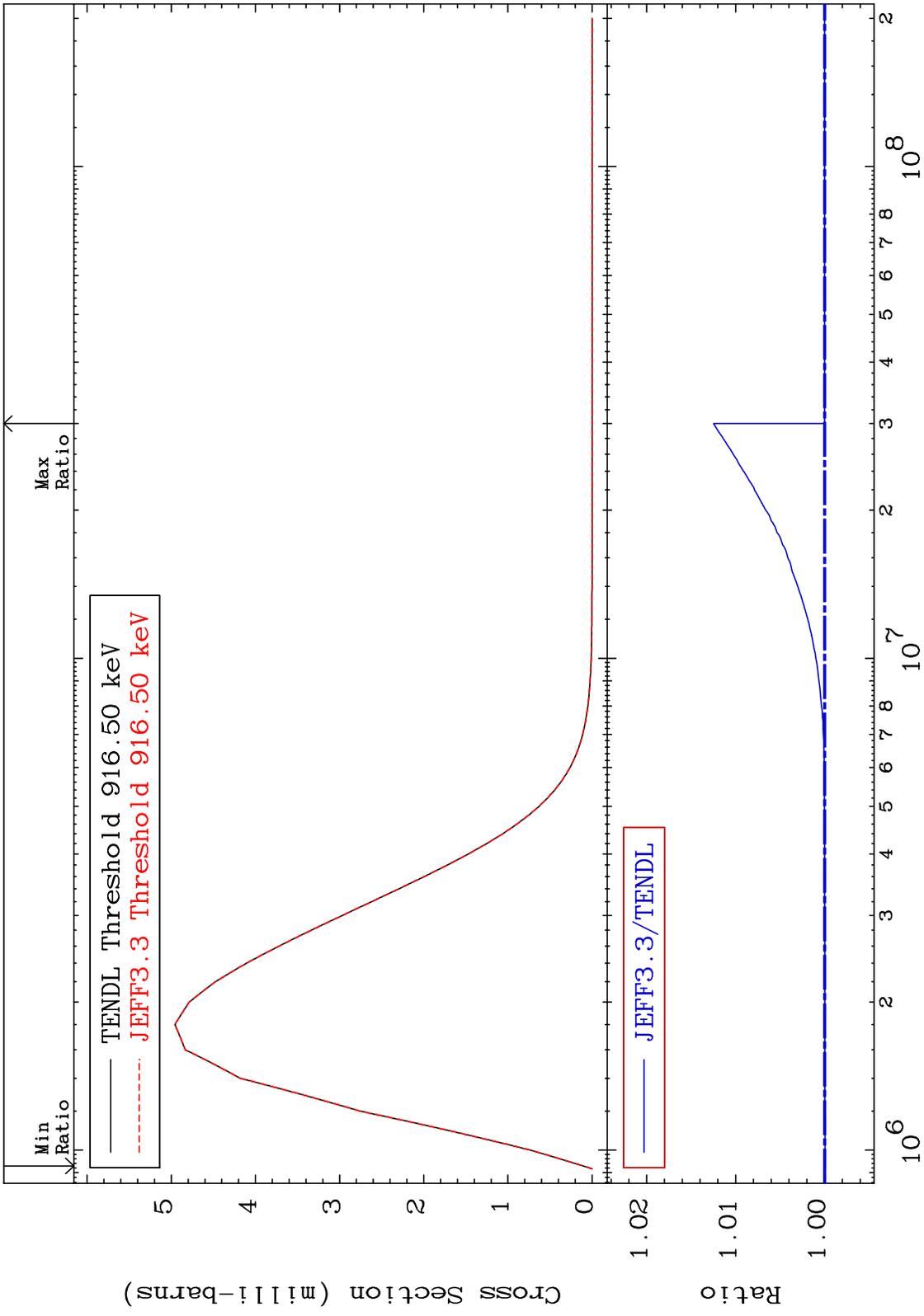
38 32-Ge-73

MAT 3234 MT= 69 (n,n') Level Cross Section -0.005 To 1.249 % 32-Ge-73



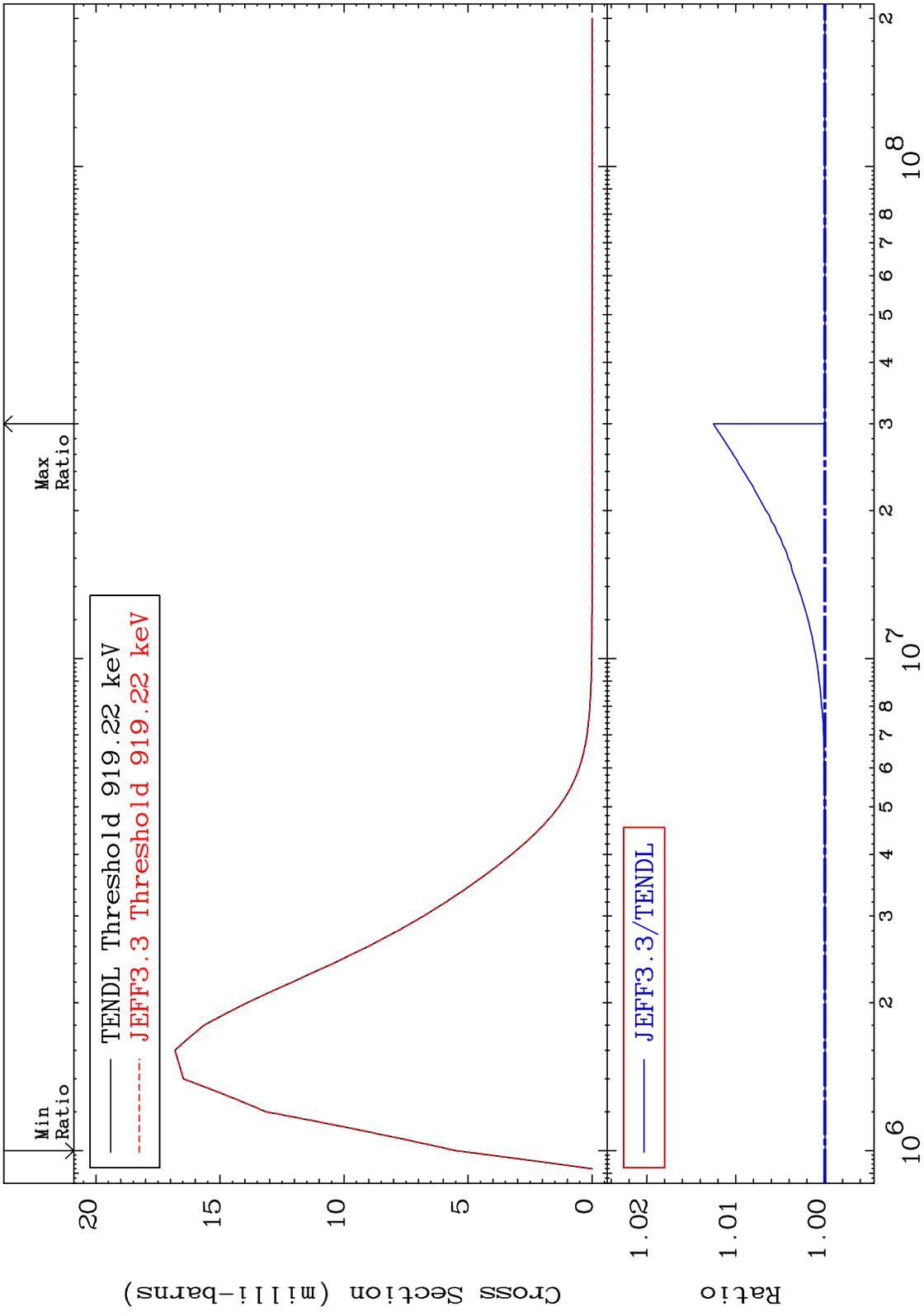
39 Incident Energy (eV) 32-Ge-73

MAT 3234 MT= 70 (n,n') Level Cross Section -0.005 To 1.248 % 32-Ge-73

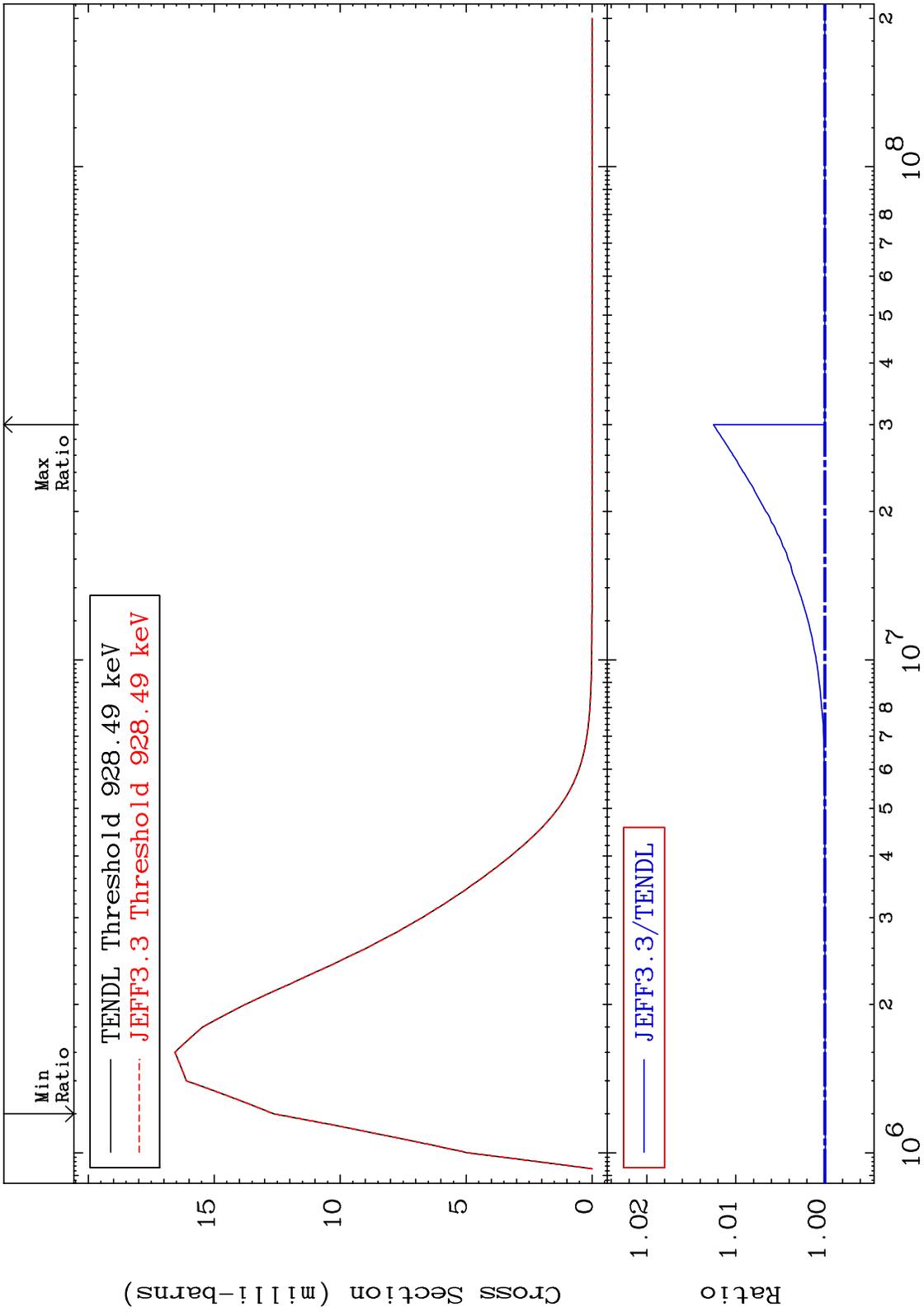


40 32-Ge-73

MAT 3234 MT= 71 (n,n') Level Cross Section 32-Ge-73
 -0.005 To 1.252 %



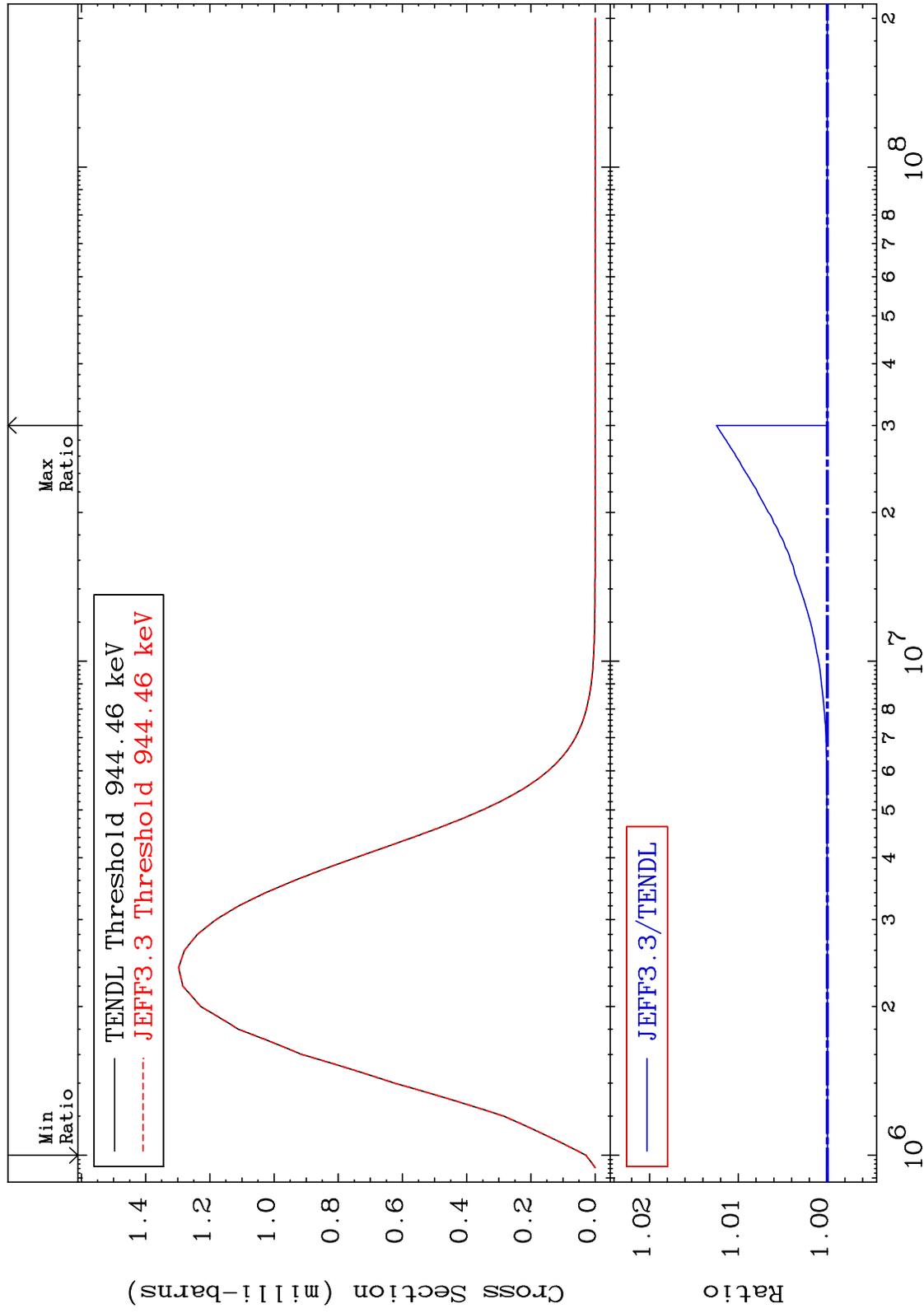
MAT 3234 MT= 72 (n,n') Level Cross Section 32-Ge-73
-0.005 To 1.252 %



MAT 3234

MT= 73 (n,n') Level
Cross Section

32-Ge-73
-0.005 To 1.246 %

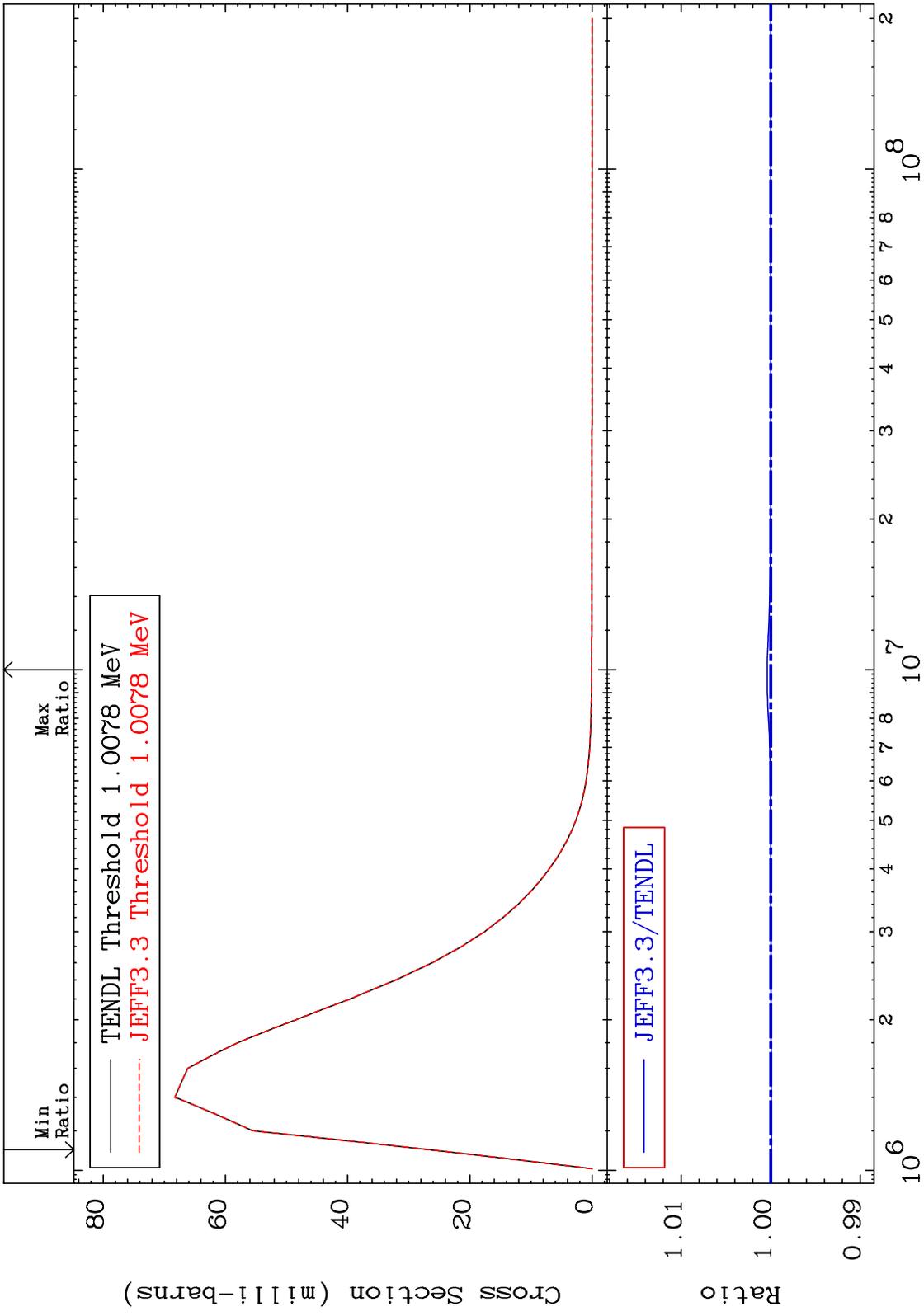


43

Incident Energy (eV)

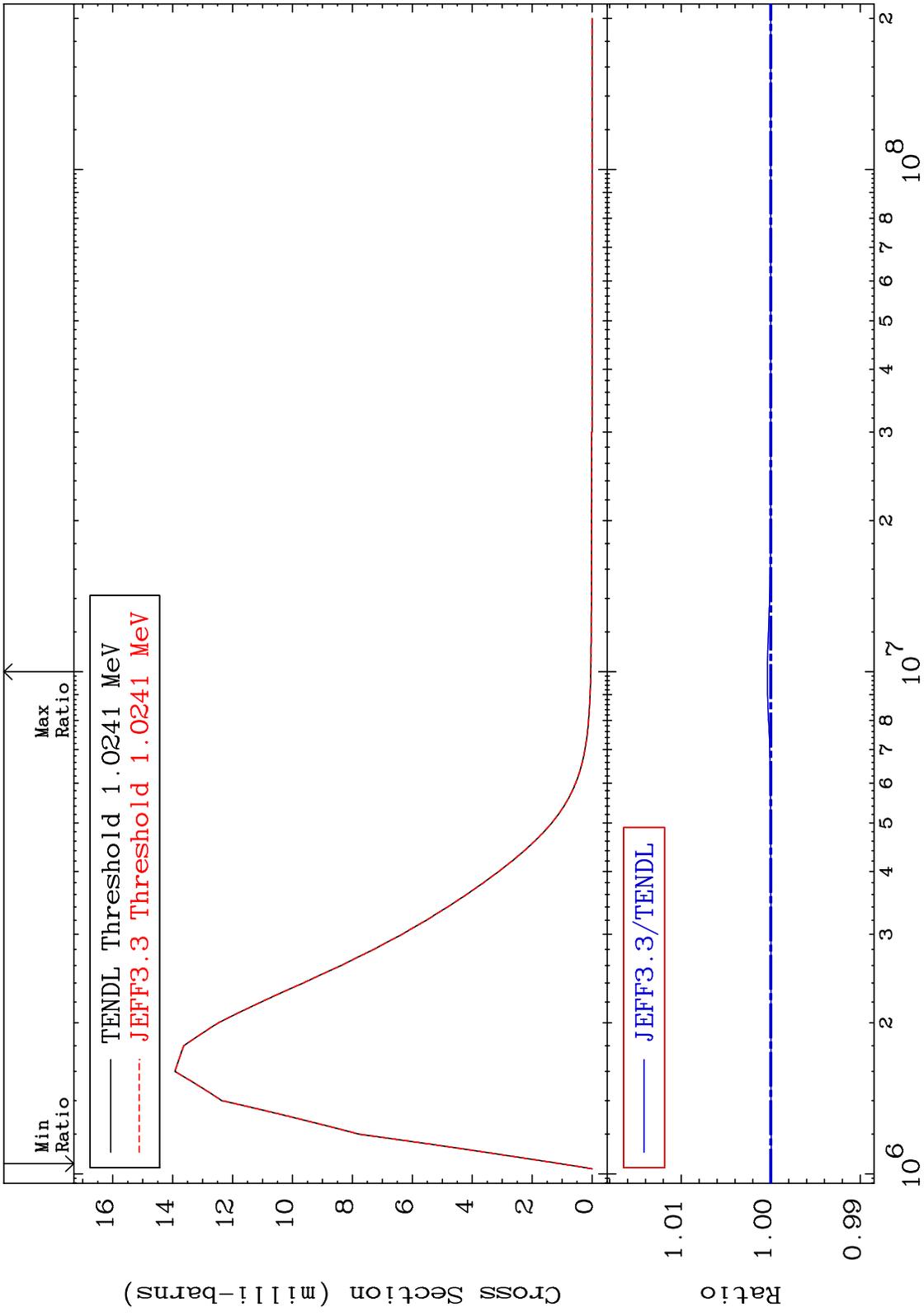
32-Ge-73

MAT 3234 MT= 74 (n,n') Level Cross Section -0.007 To 0.039 % 32-Ge-73



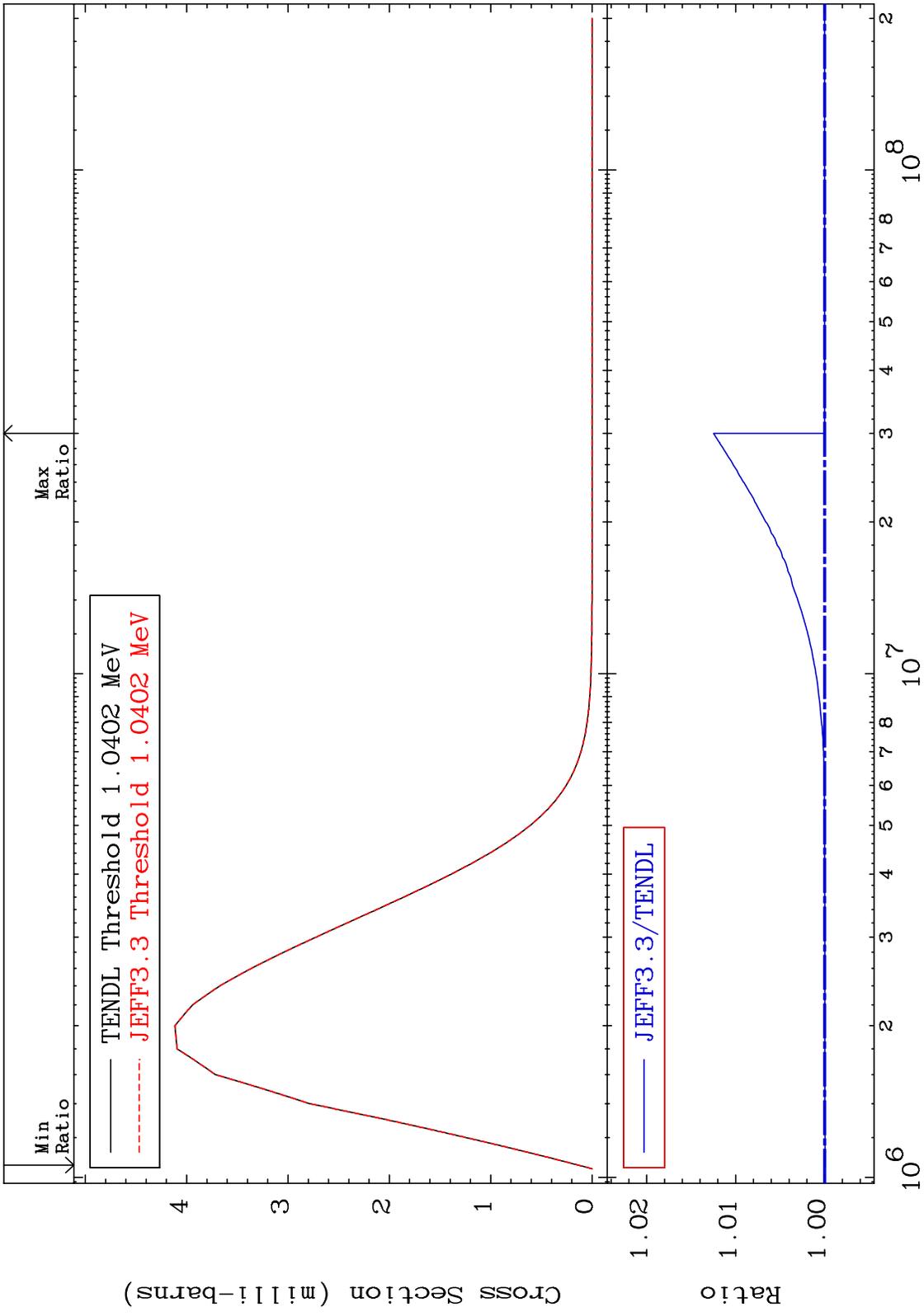
44 Incident Energy (eV) 32-Ge-73

MAT 3234 MT= 75 (n,n') Level Cross Section 32-Ge-73
-0.004 To 0.037 %



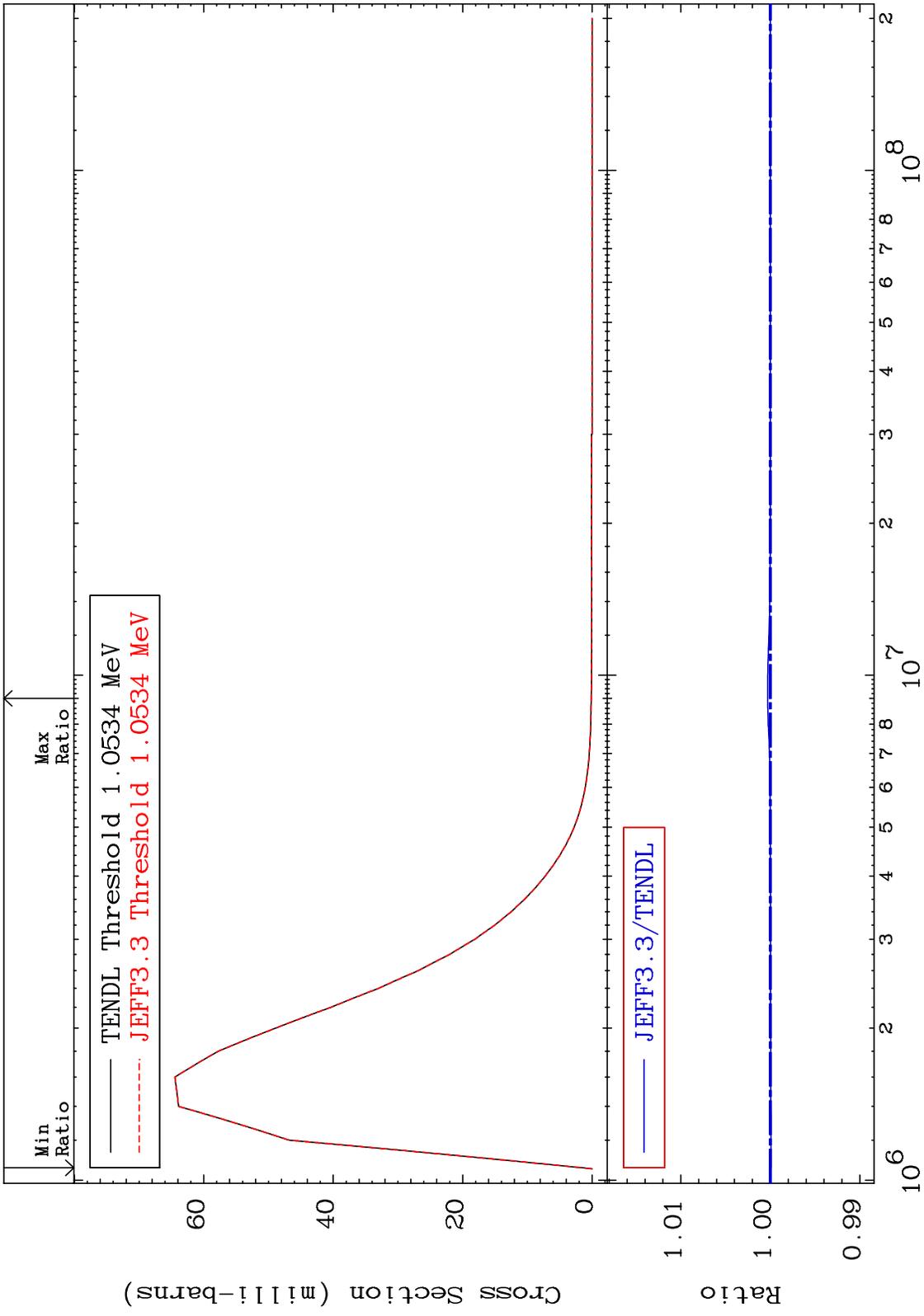
45 32-Ge-73

MAT 3234 MT= 76 (n,n') Level Cross Section -0.004 To 1.248 % 32-Ge-73

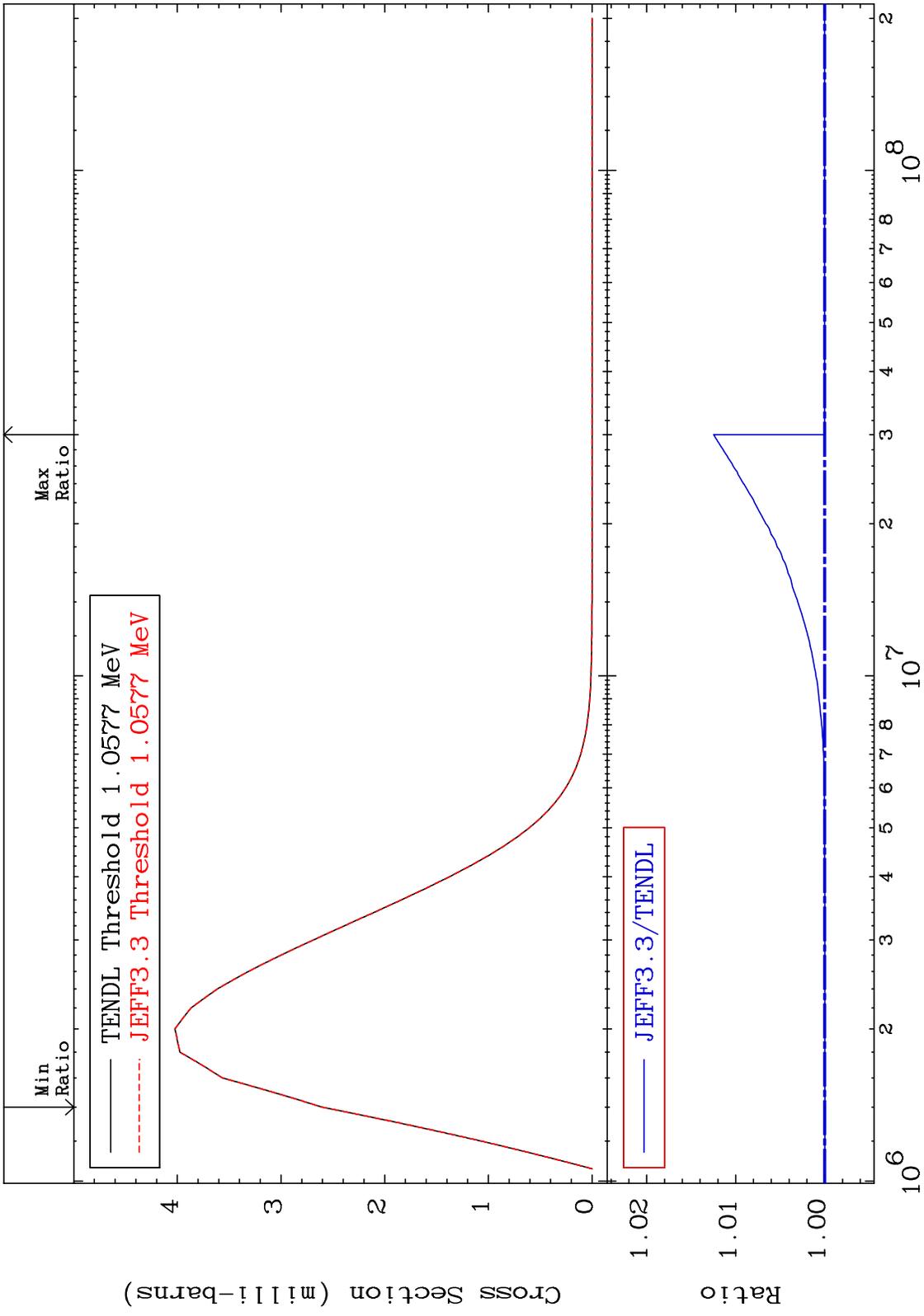


46 Incident Energy (eV) 32-Ge-73

MAT 3234 MT= 77 (n,n') Level Cross Section 32-Ge-73
-0.007 To 0.030 %

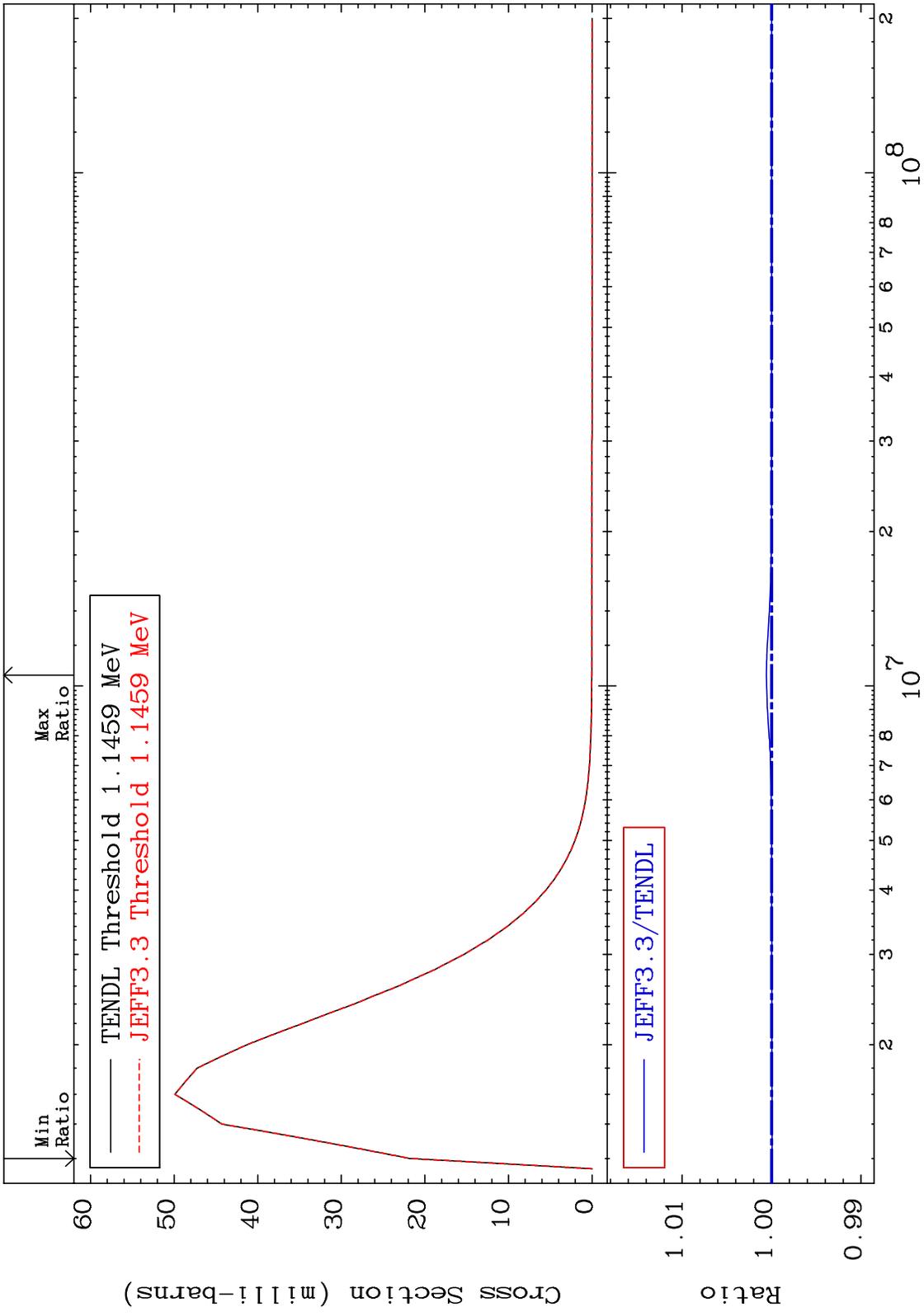


MAT 3234 MT= 78 (n,n') Level Cross Section -0.003 To 1.248 % 32-Ge-73

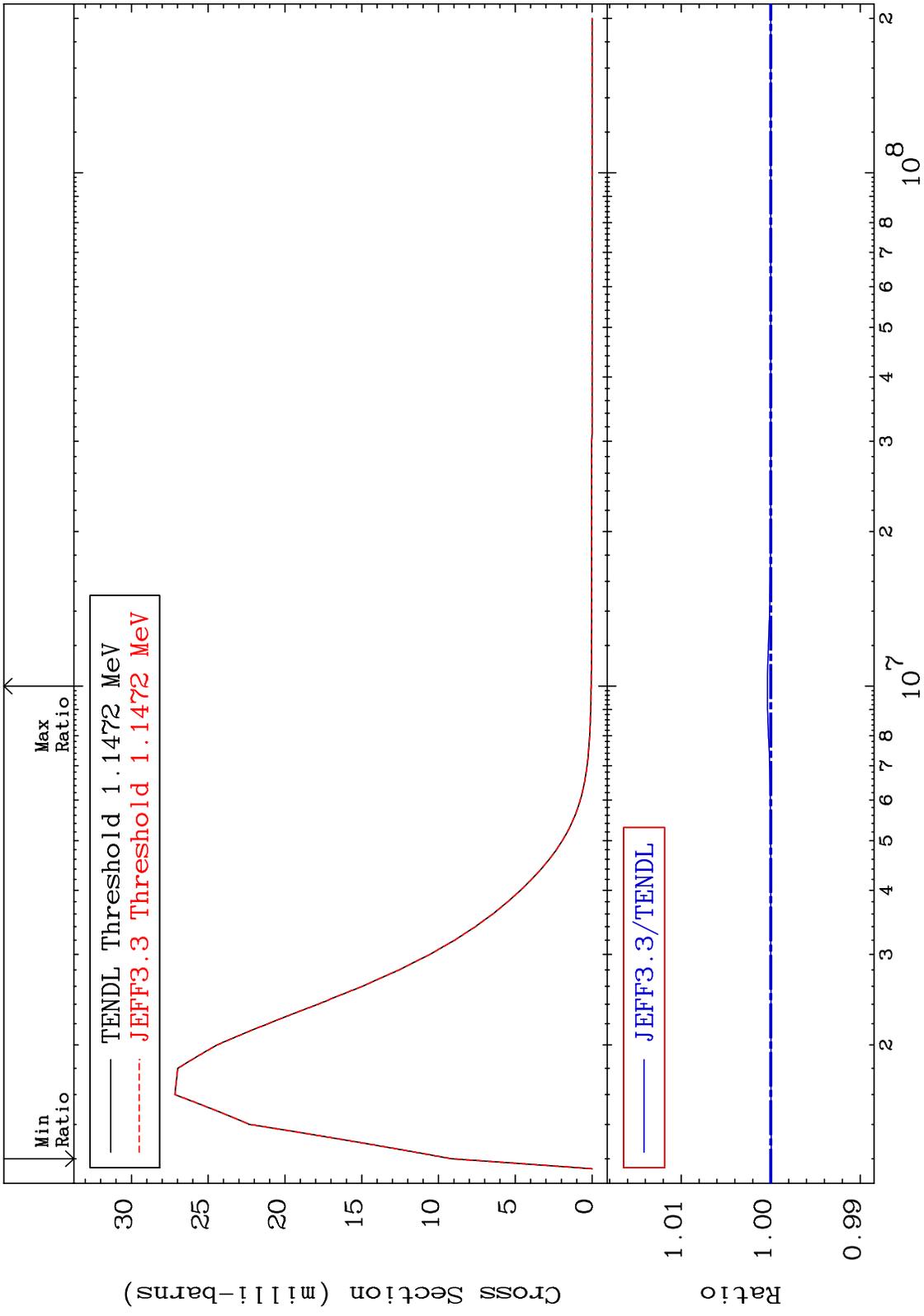


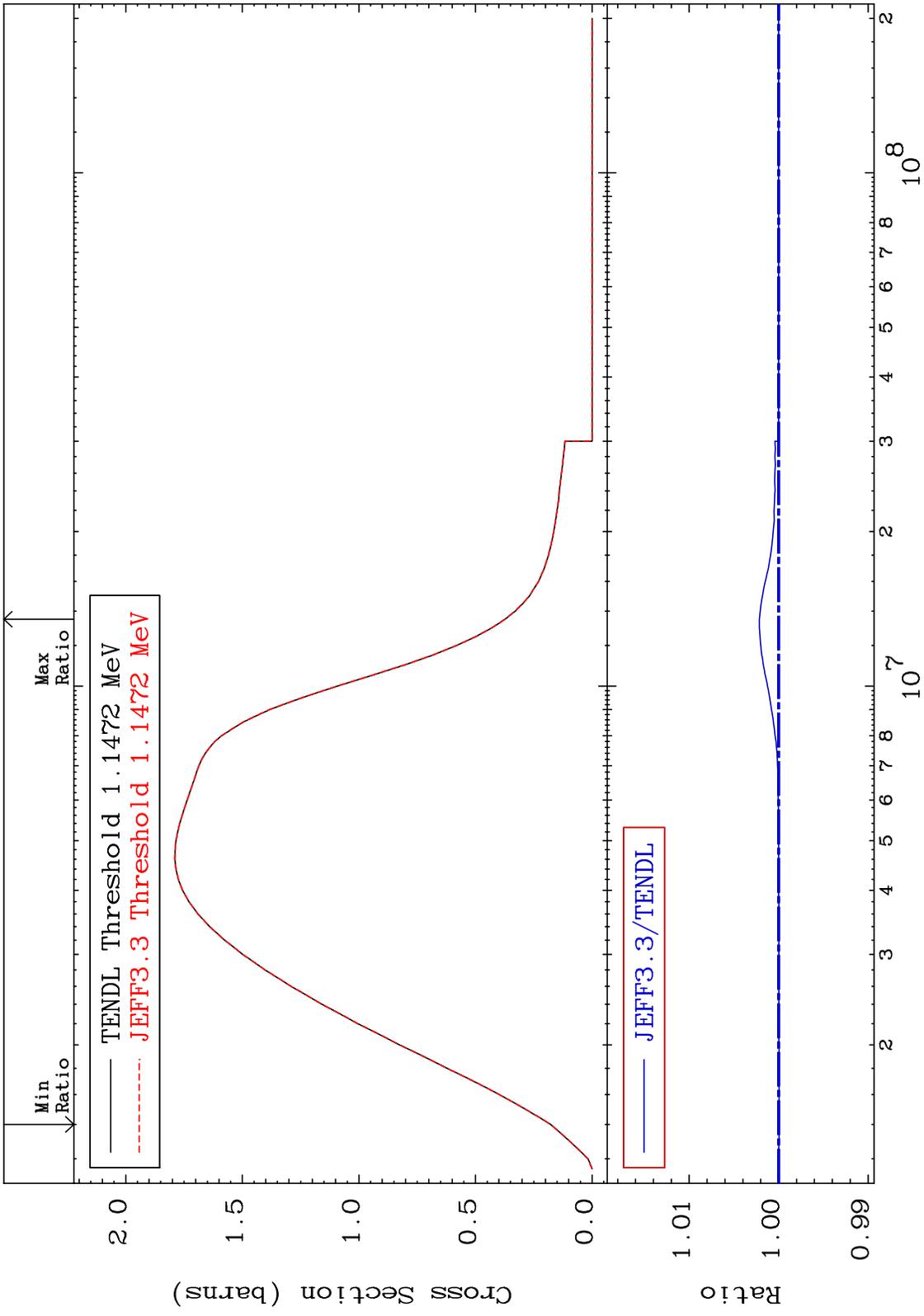
48 32-Ge-73

MAT 3234 MT= 79 (n,n') Level Cross Section 32-Ge-73
 -0.007 To 0.058 %



MAT 3234 MT= 80 (n,n') Level Cross Section 32-Ge-73
-0.005 To 0.037 %





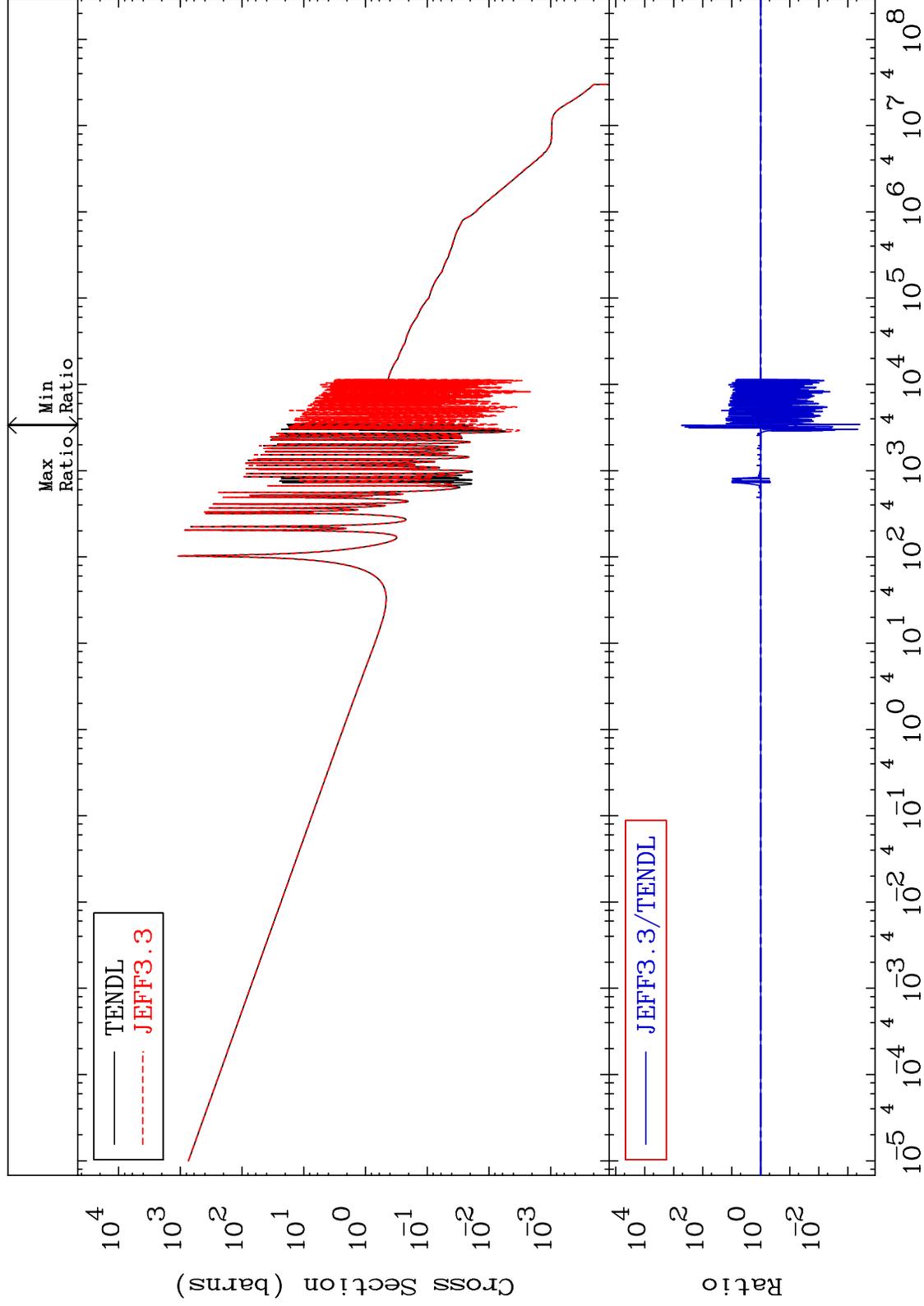
MAT 3234

(n, γ)

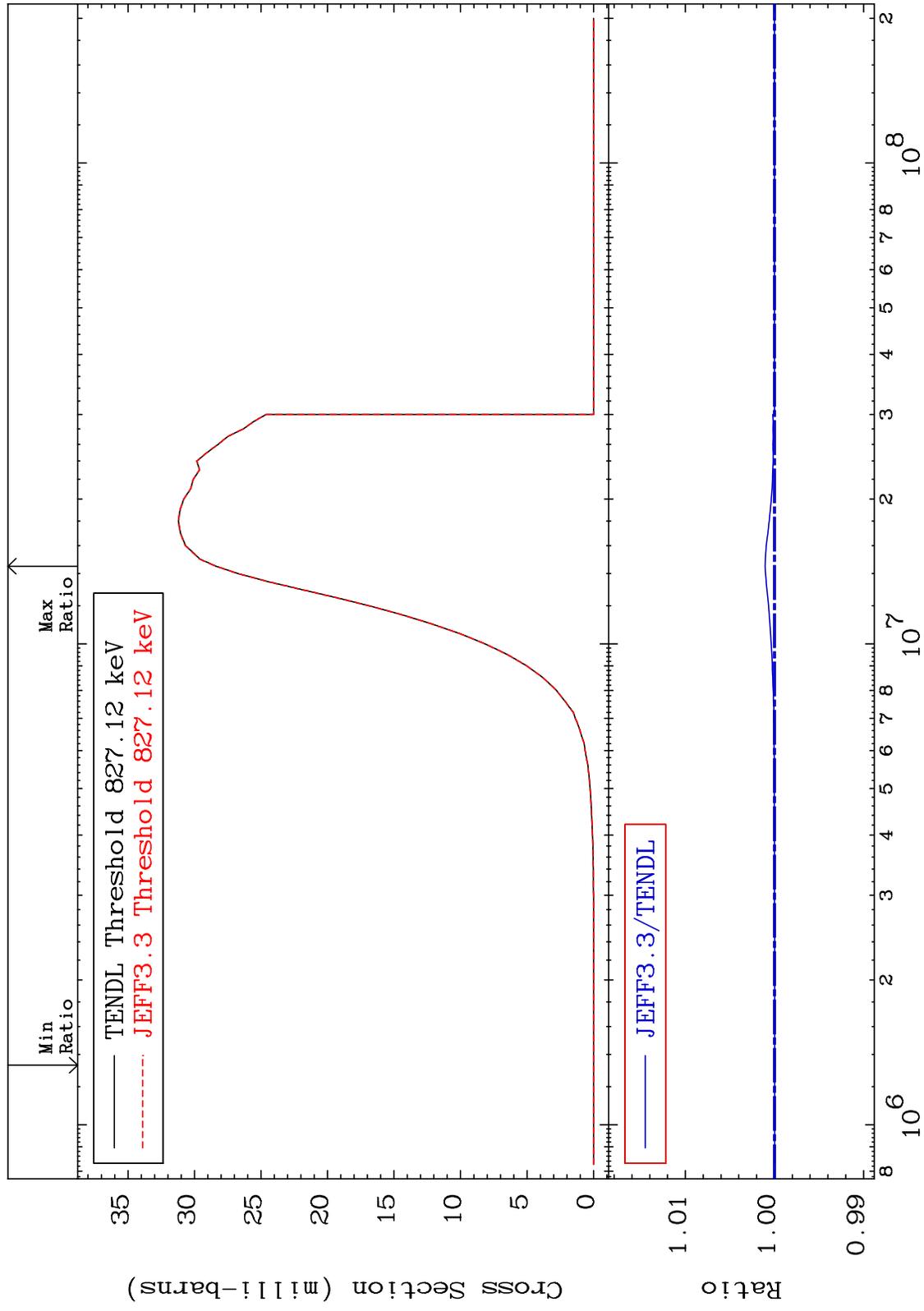
32-Ge-73

Cross Section

-99.96 To 9999. %

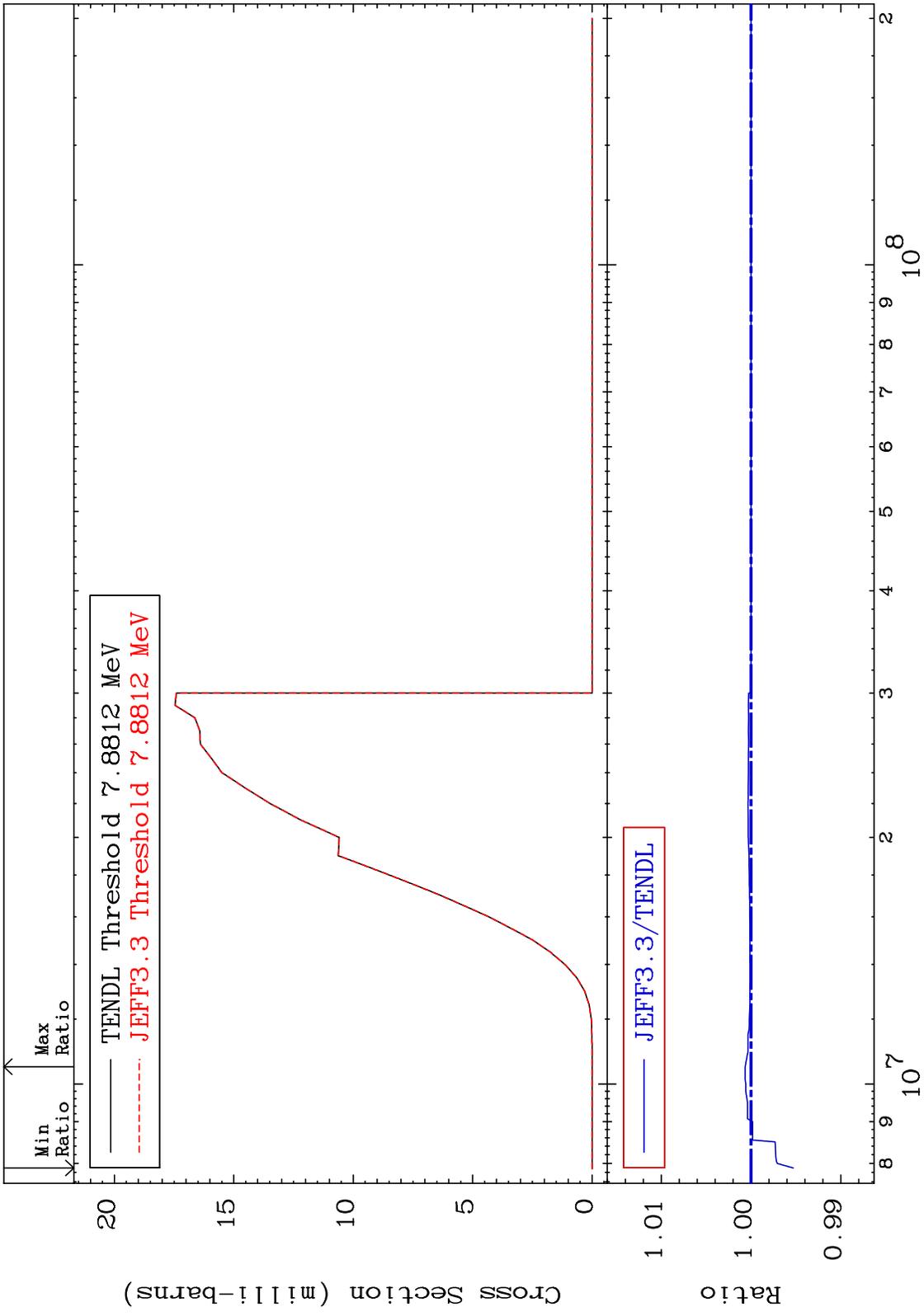


MAT 3234 (n,p) 32-Ge-73
Cross Section -0.004 To 0.105 %

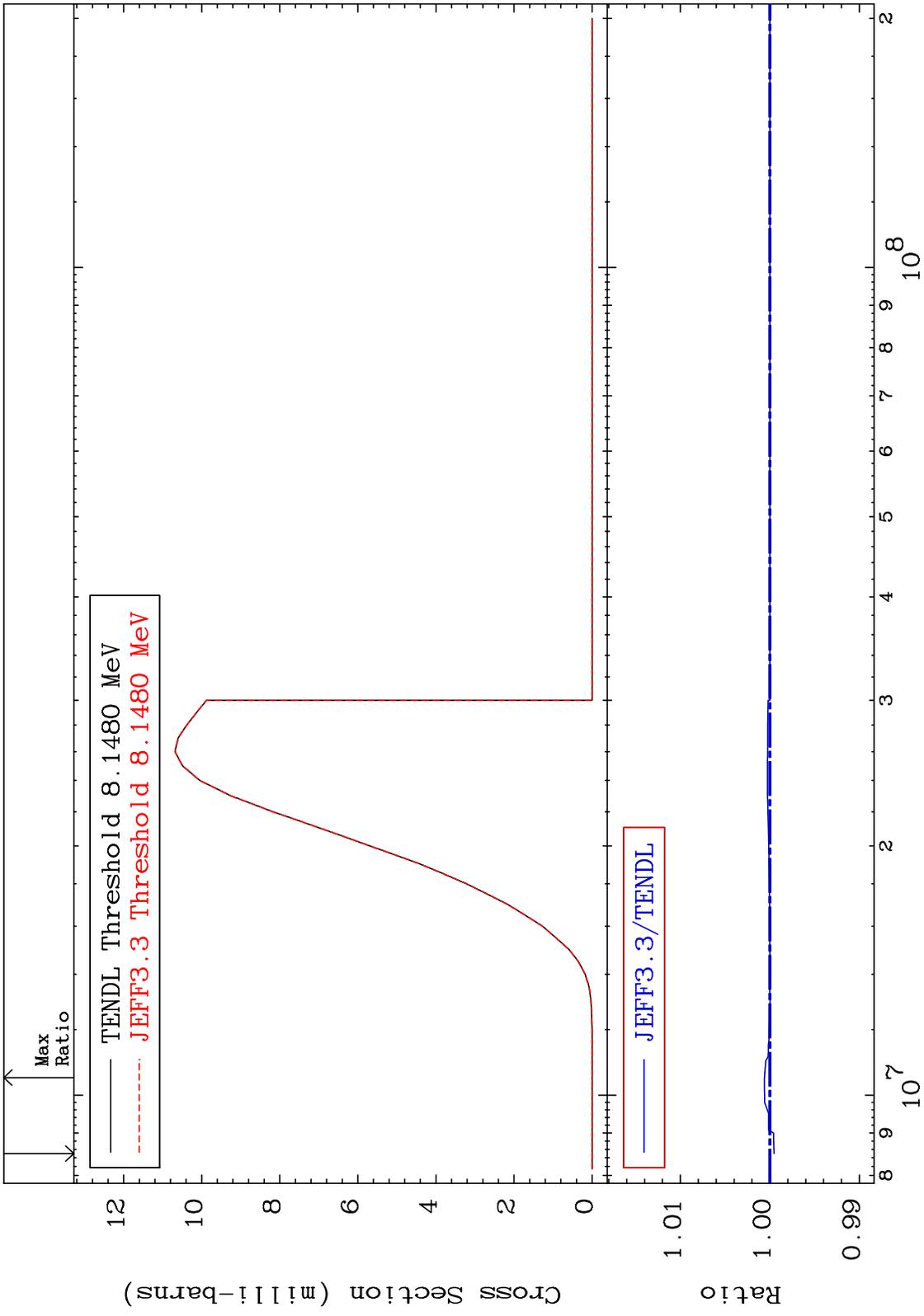


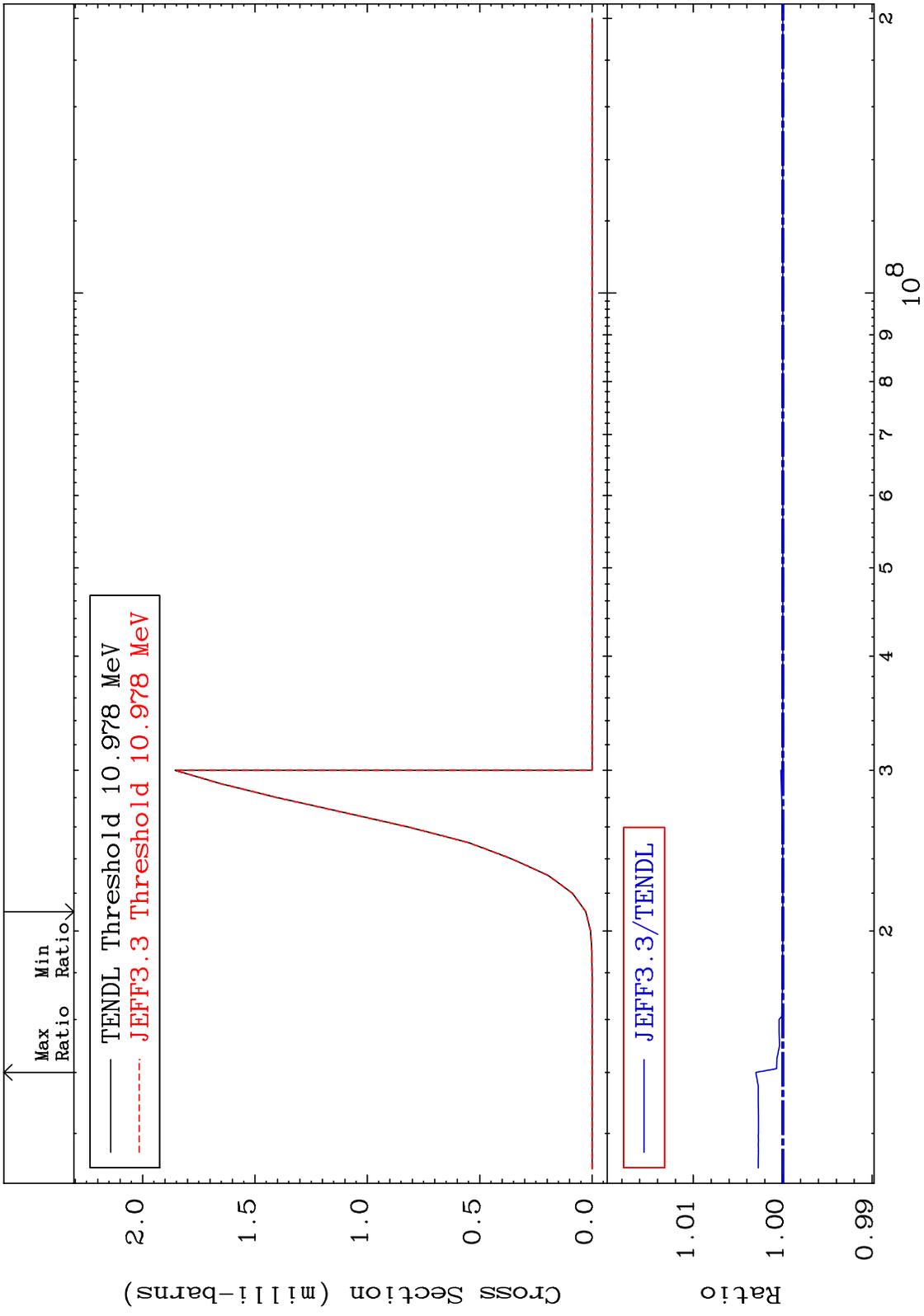
53 32-Ge-73

MAT 3234 (n,d) Cross Section 32-Ge-73
 -0.472 To 0.065 %



MAT 3234 (n,t) 32-Ge-73
 Cross Section -0.047 To 0.061 %





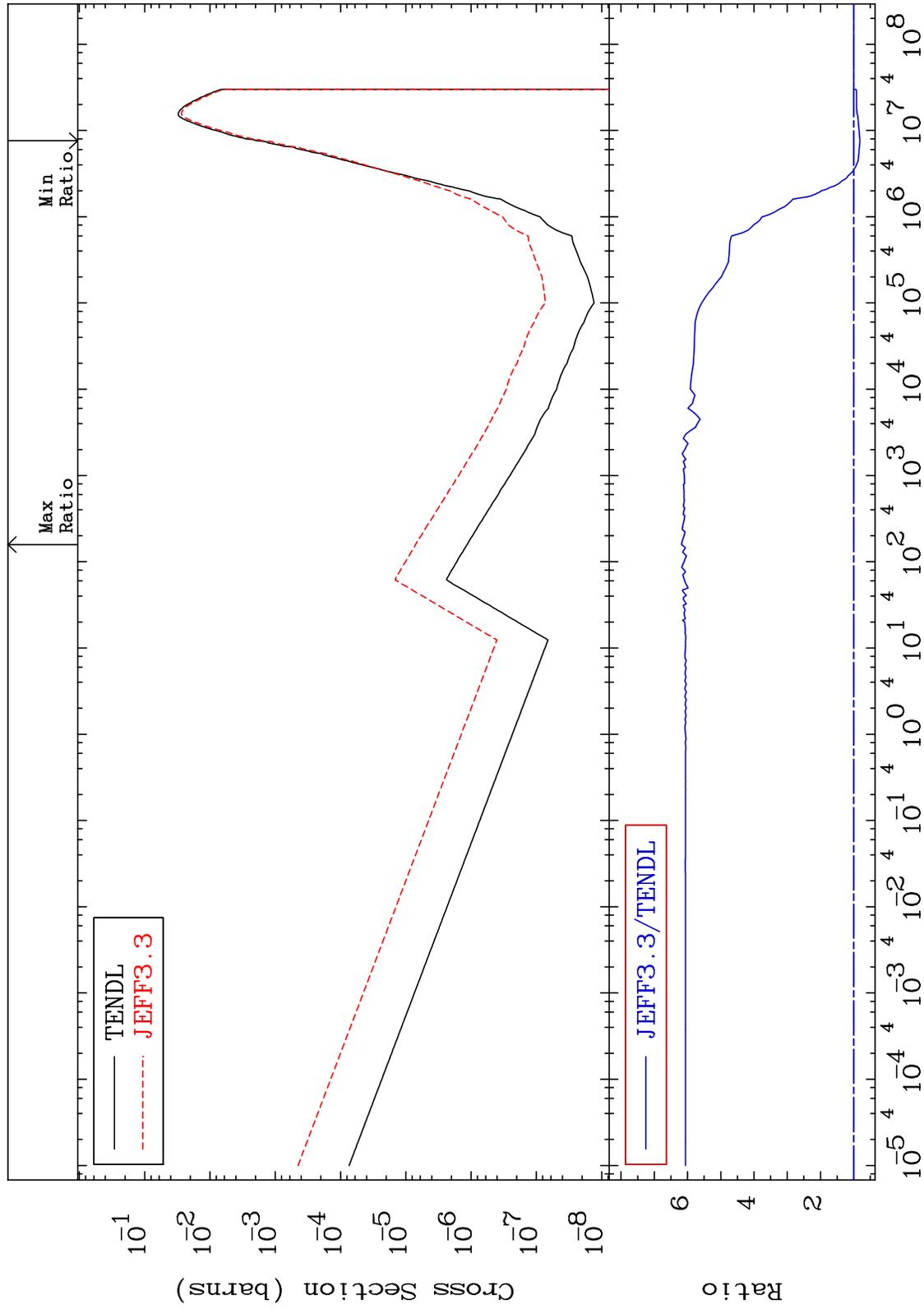
MAT 3234

(n, α)

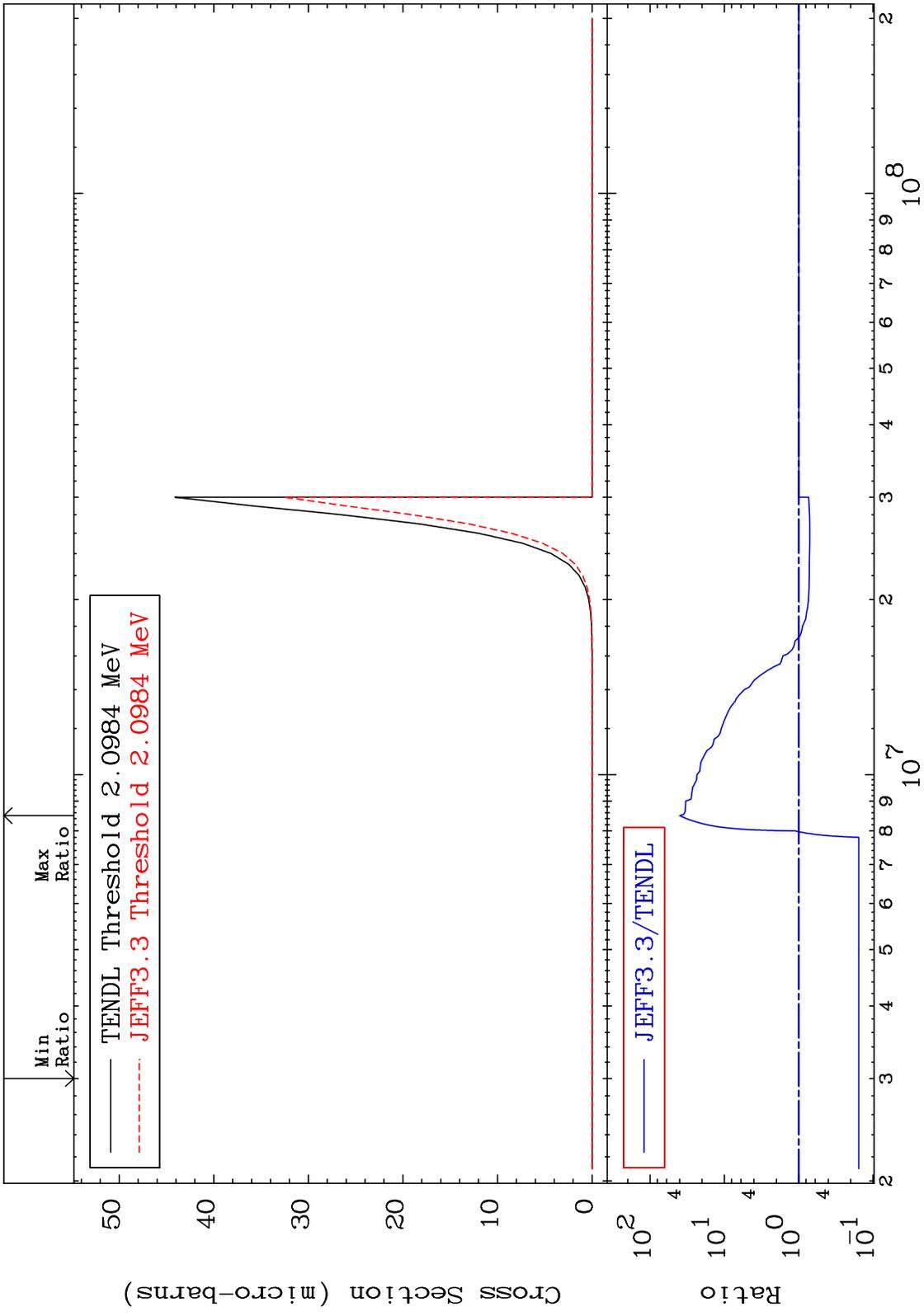
32-Ge-73

Cross Section

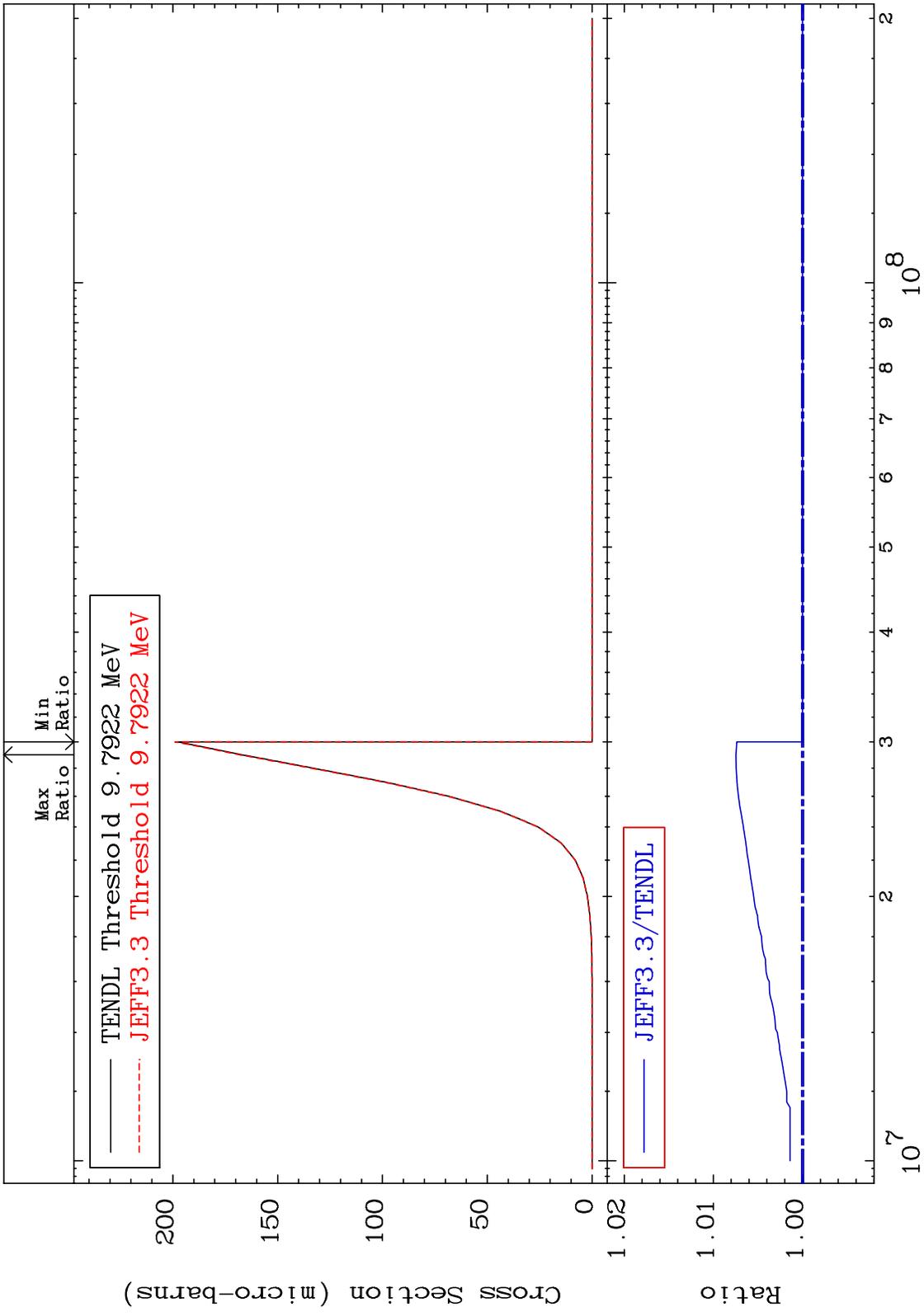
-18.59 To 518.3 %



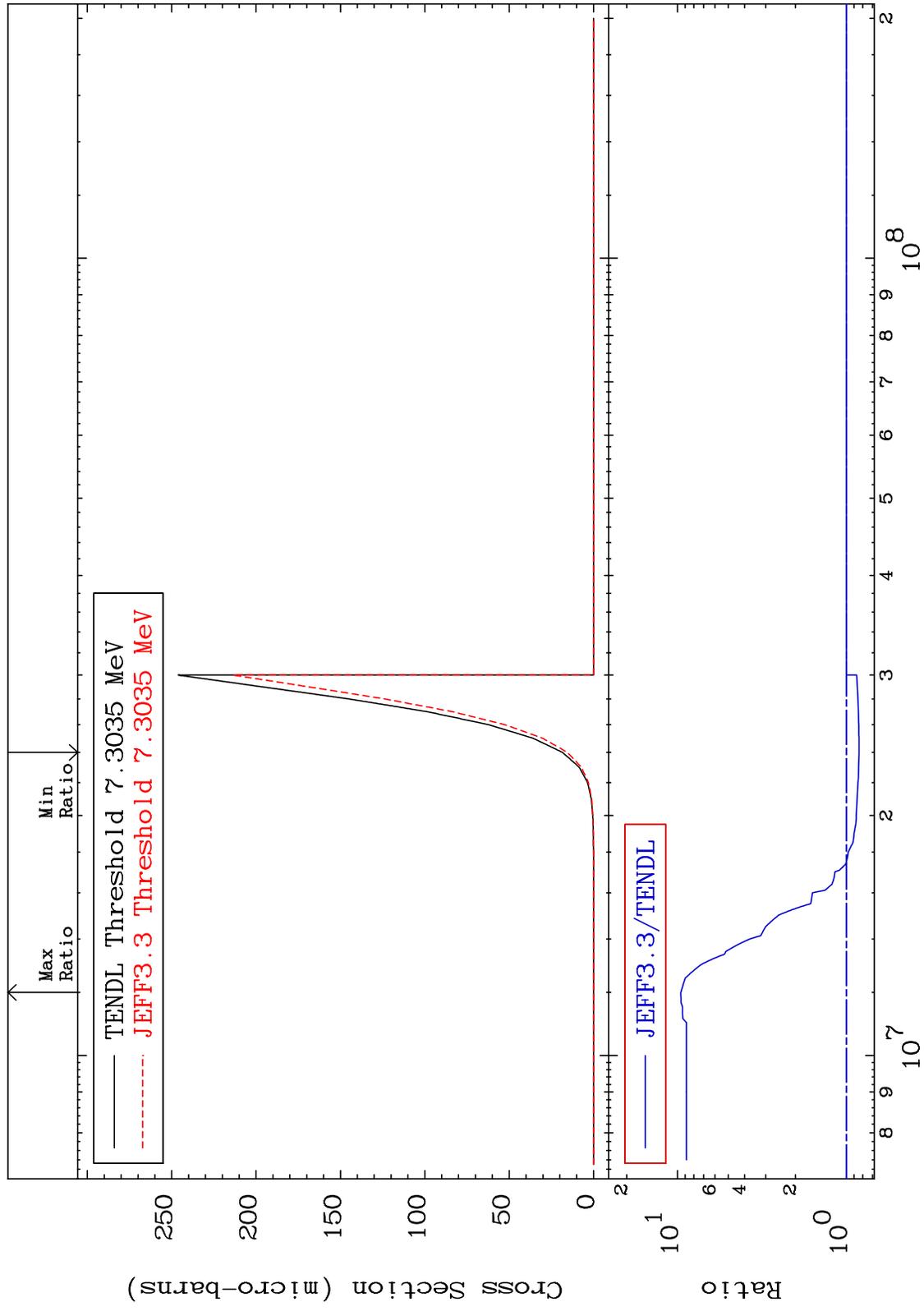
MAT 3234 $(n, 2\alpha)$ 32-Ge-73
 -84.46 To 3889. %
 Cross Section



MAT 3234 (n,2p) Cross Section 32-Ge-73 To 0.747 %



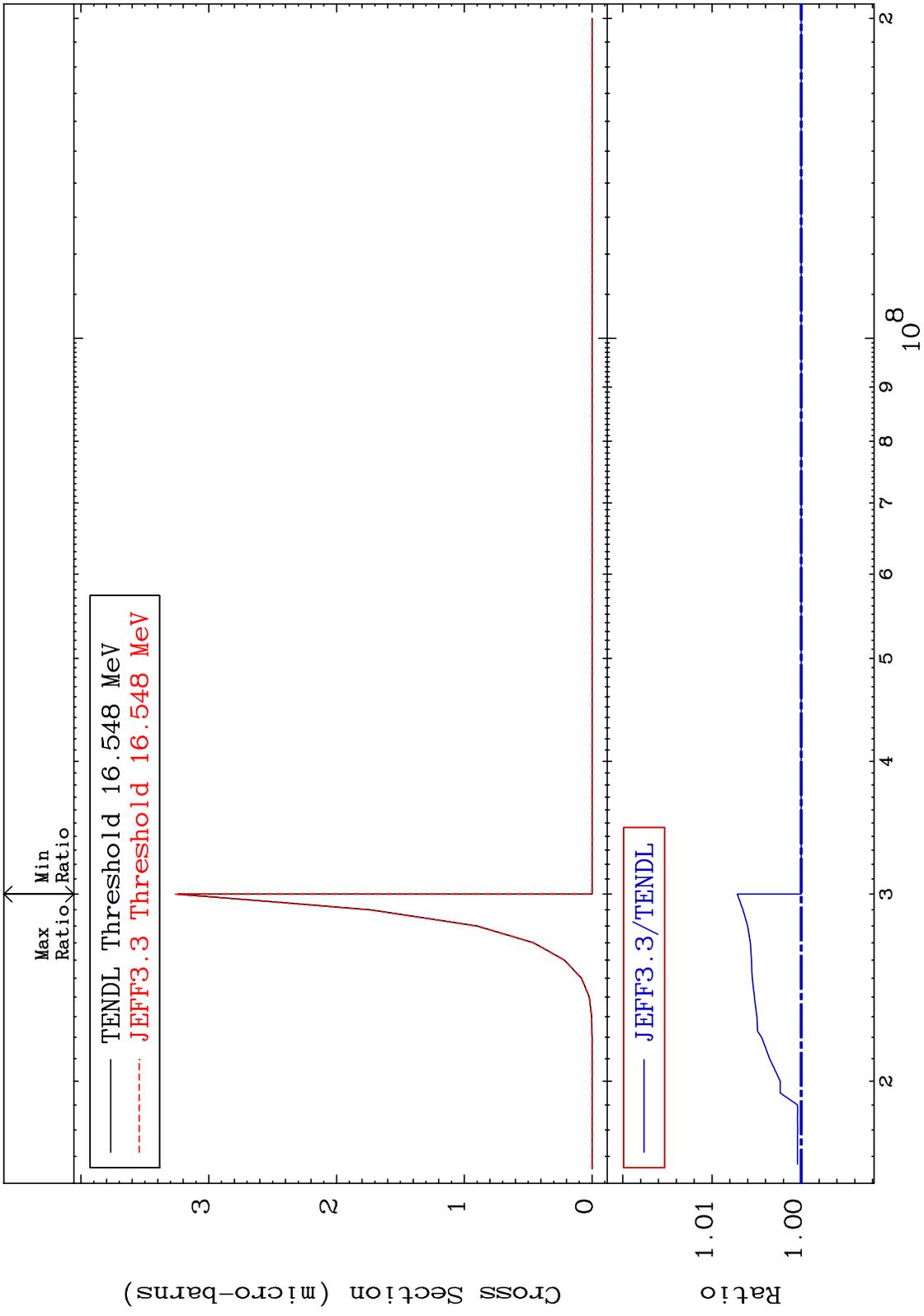
MAT 3234 (n,p) α 32-Ge-73
Cross Section -15.96 To 855.0 %



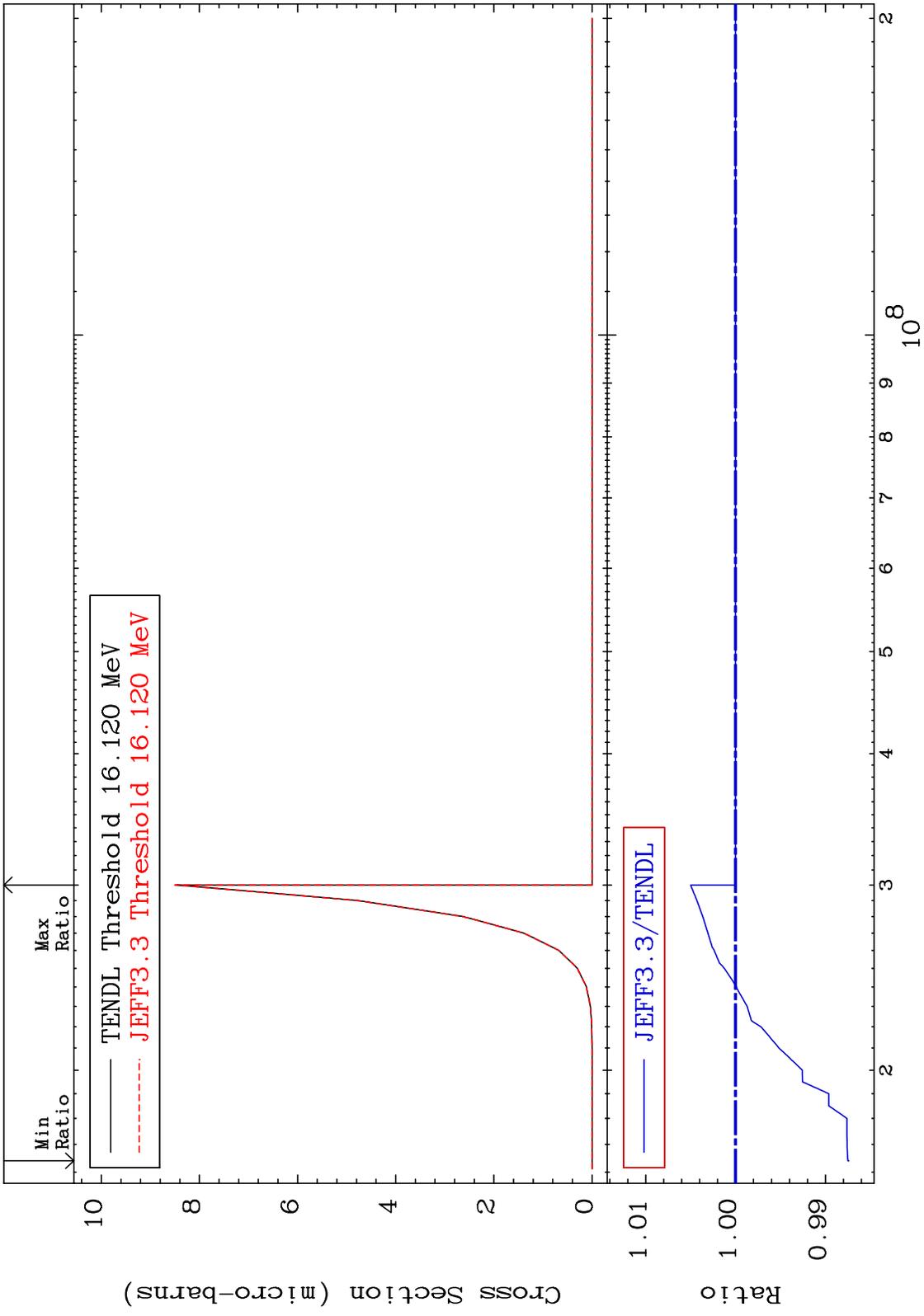
32-Ge-73

Incident Energy (eV)

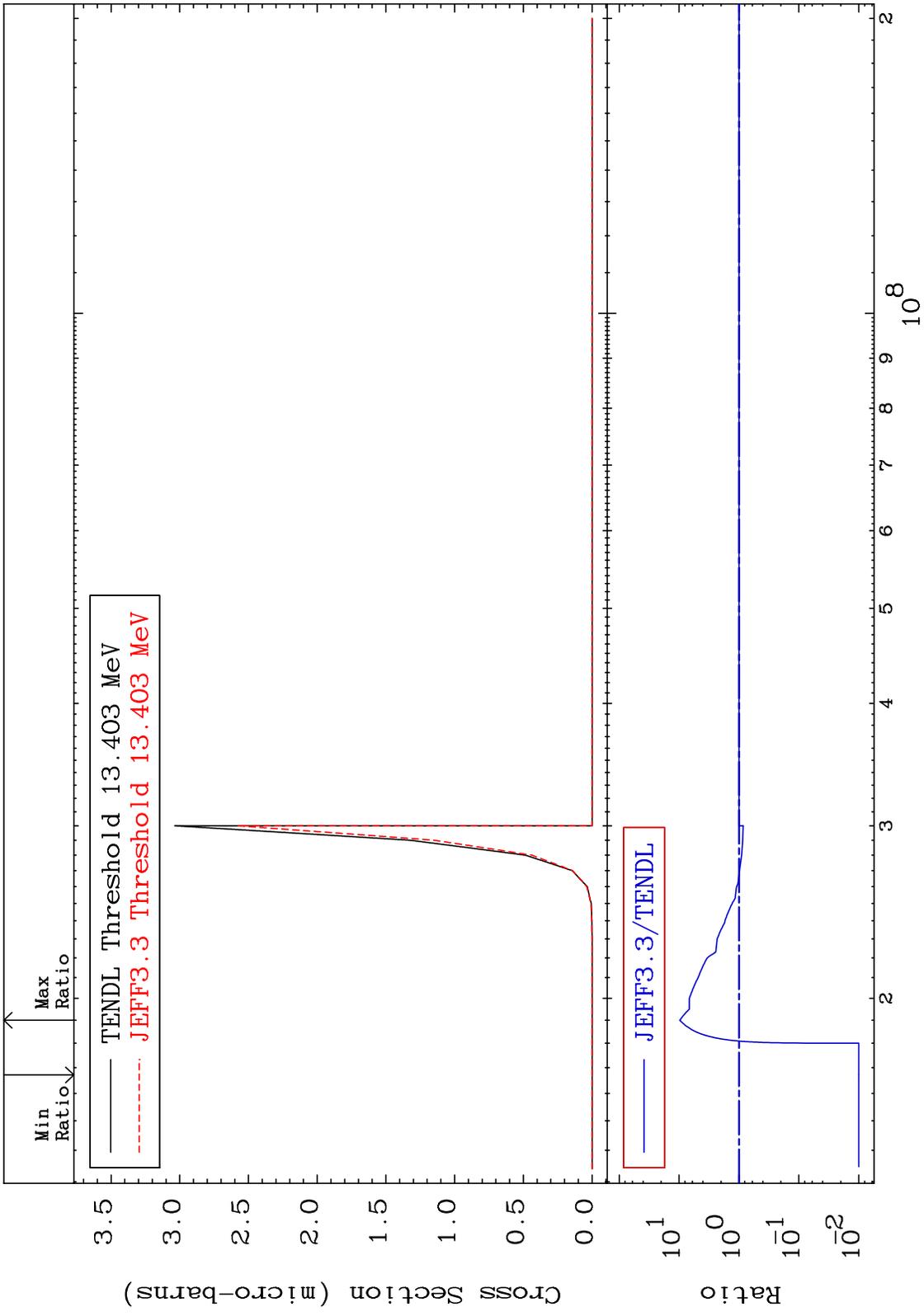
MAT 3234 (n,p) d 32-Ge-73
 Cross Section 0.000 To 0.716 %



MAT 3234 (n,p) t 32-Ge-73
 Cross Section -1.251 To 0.501 %



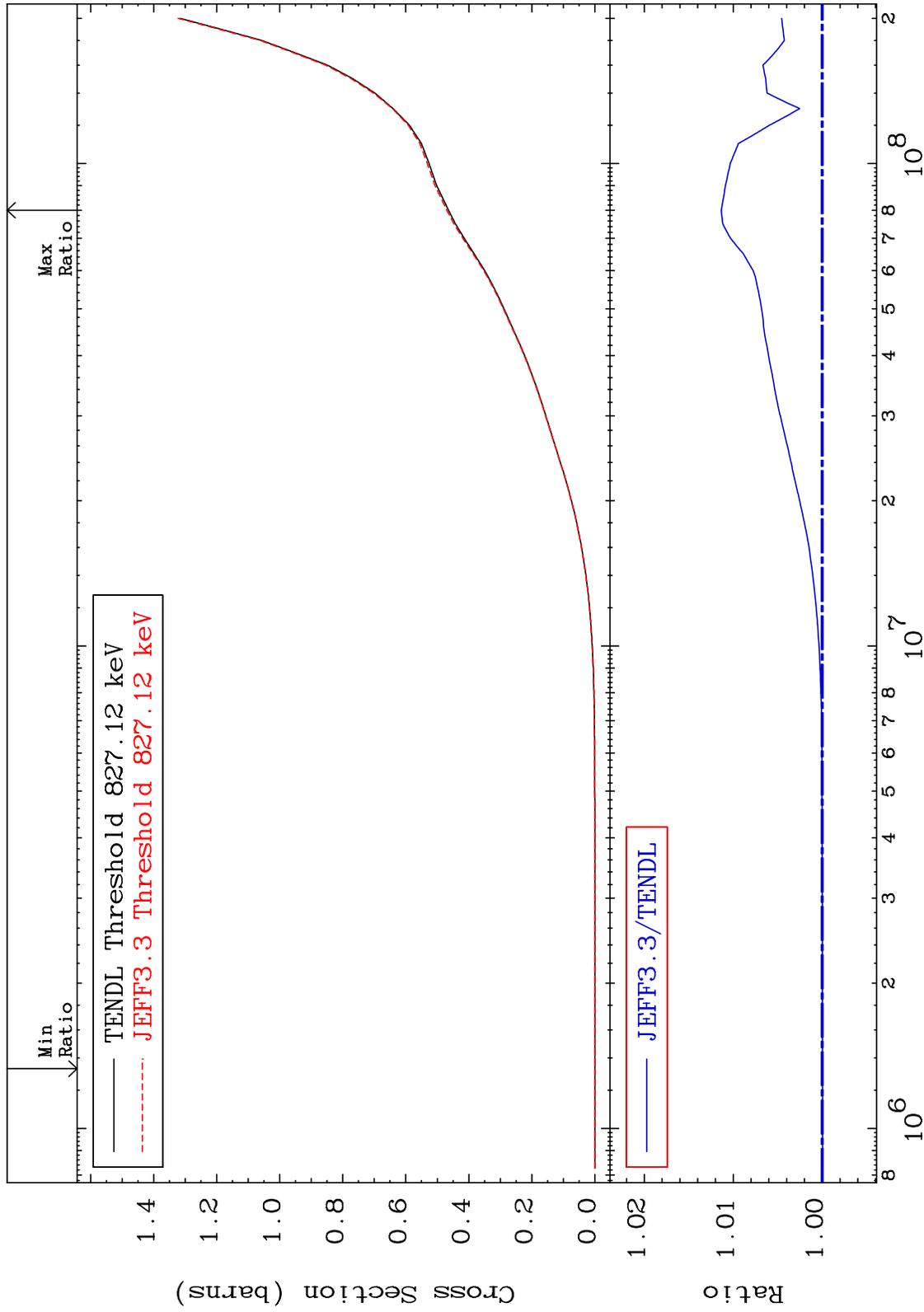
MAT 3234 (n,d) α 32-Ge-73
 Cross Section -99.00 To 874.9 %



MAT 3234

Hydrogen Production
Cross Section

32-Ge-73
-0.004 To 1.135 %



64

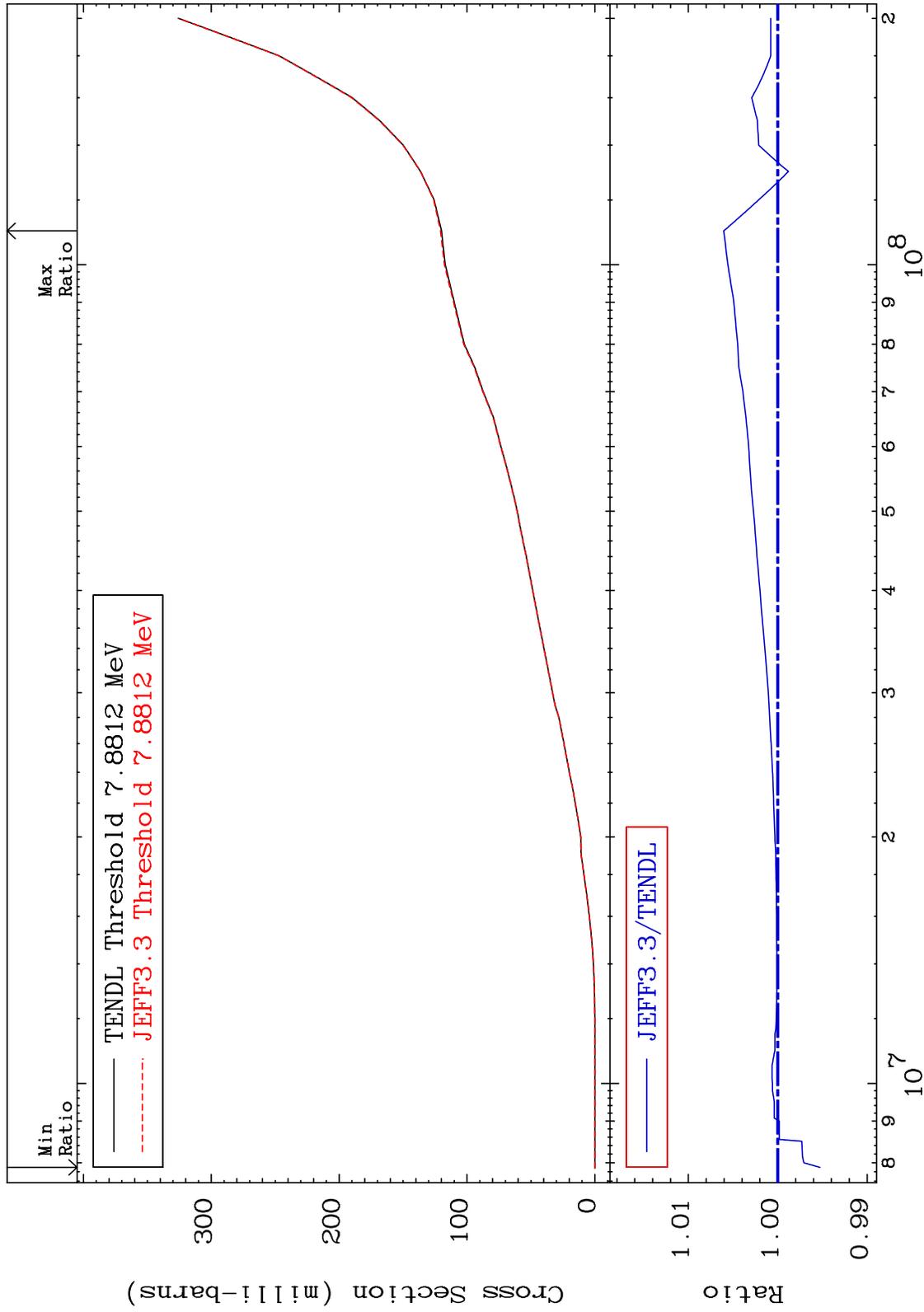
Incident Energy (eV)

32-Ge-73

MAT 3234

Deuterium Production
Cross Section

32-Ge-73
-0.472 To 0.604 %



65

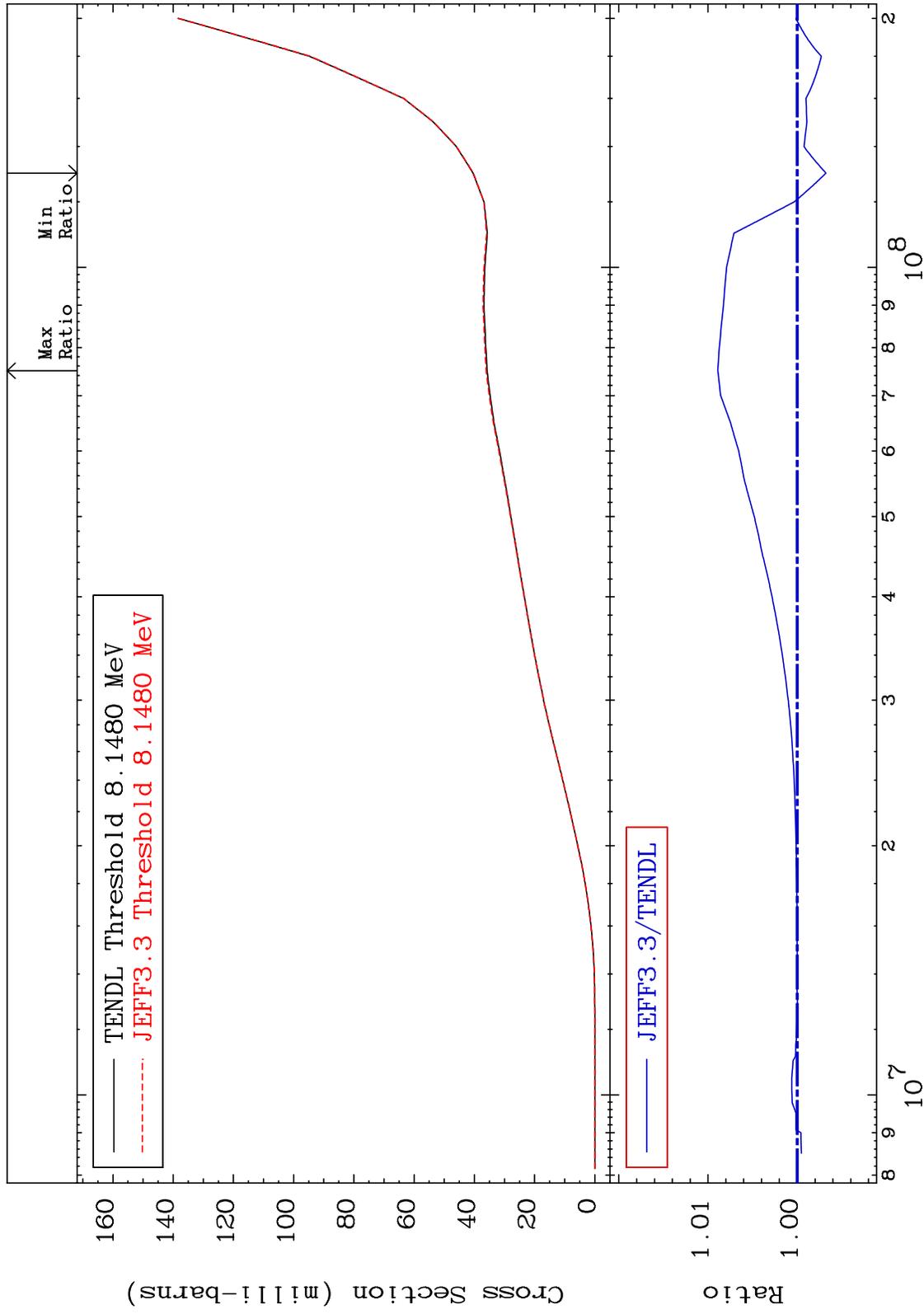
Incident Energy (eV)

32-Ge-73

MAT 3234

Tritium Production
Cross Section

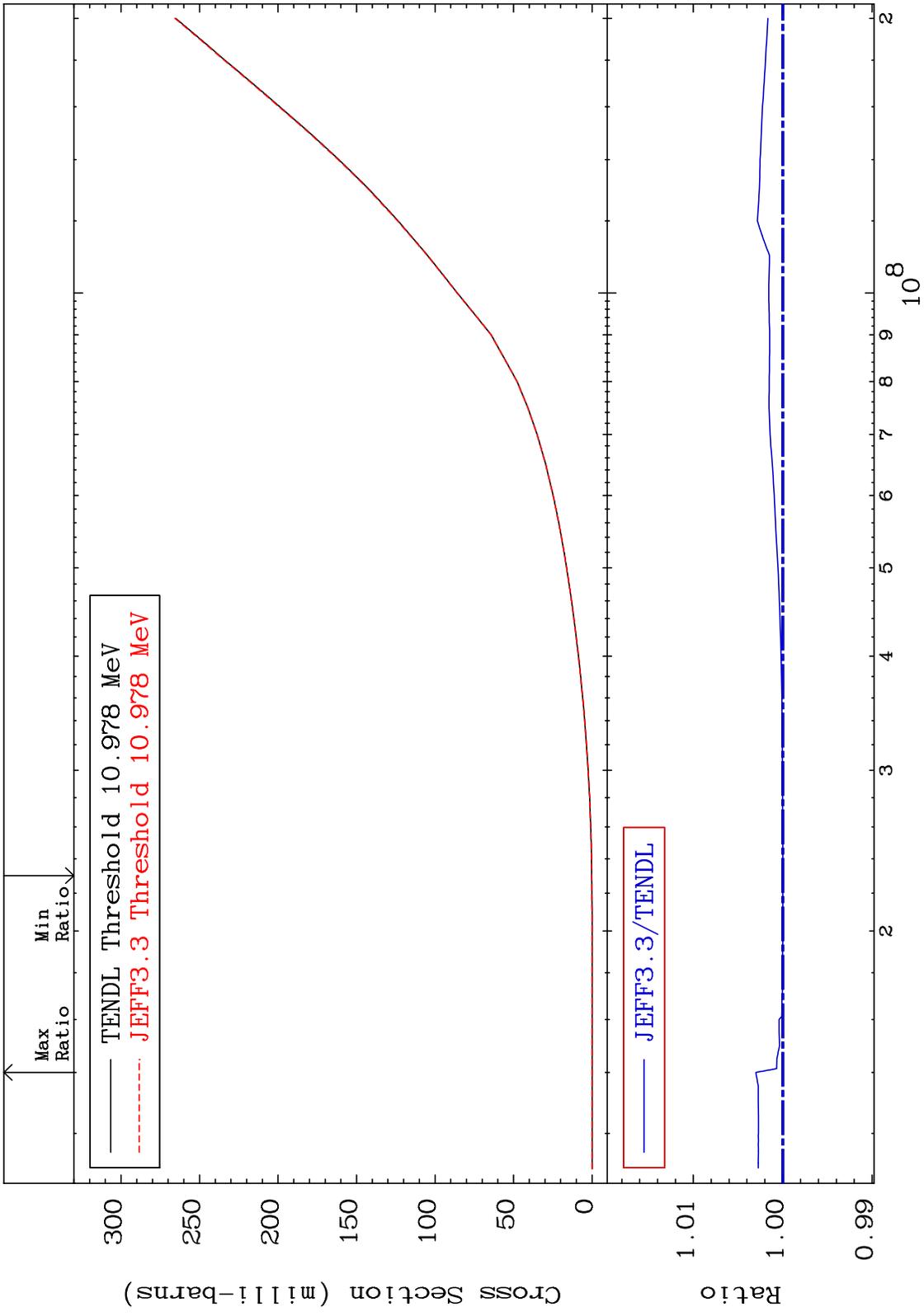
³²Ge-73
-0.322 To 0.890 %



66

Incident Energy (eV)

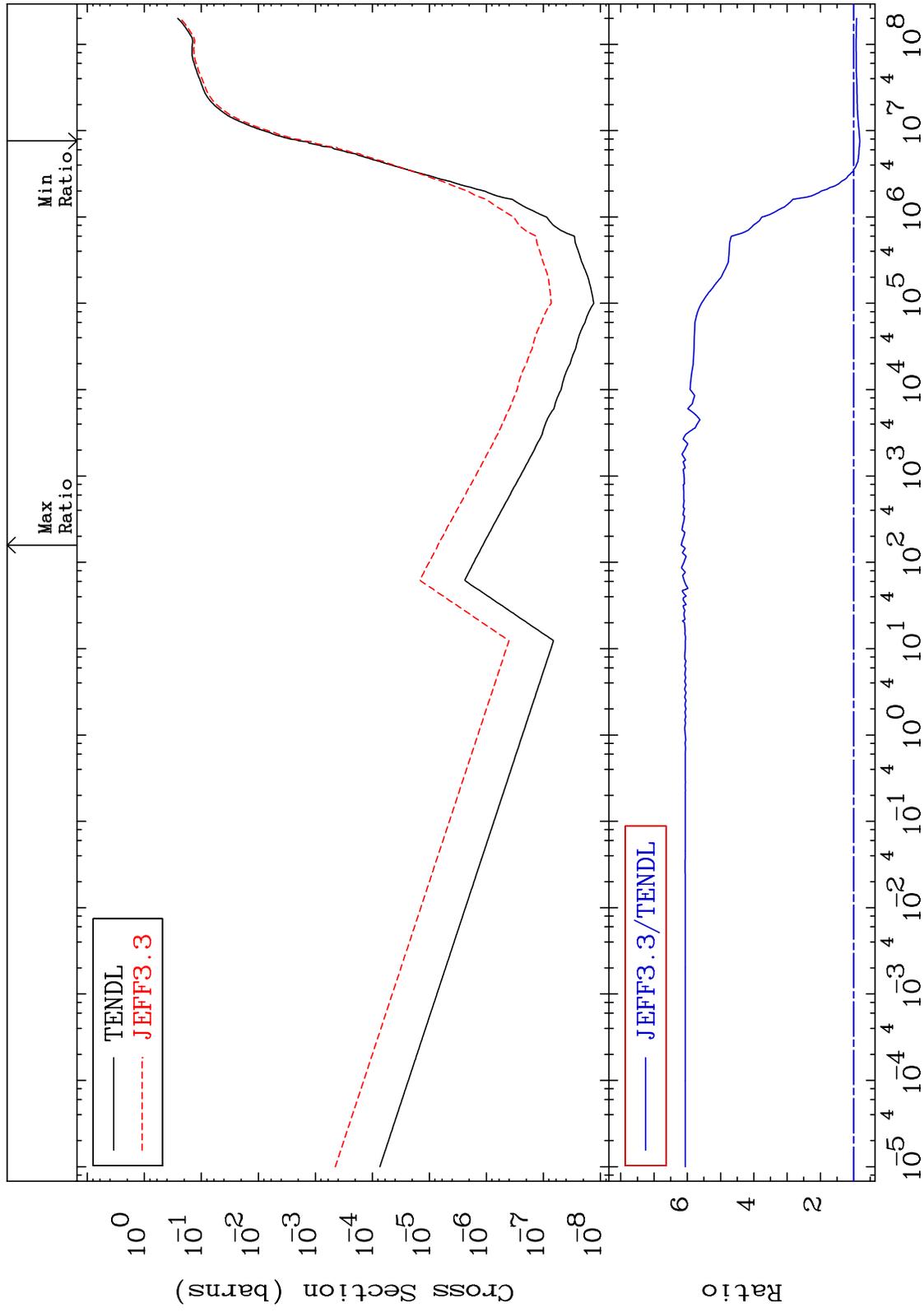
³²Ge-73



MAT 3234

He-4 Production
Cross Section

32-Ge-73
-18.59 To 518.3 %

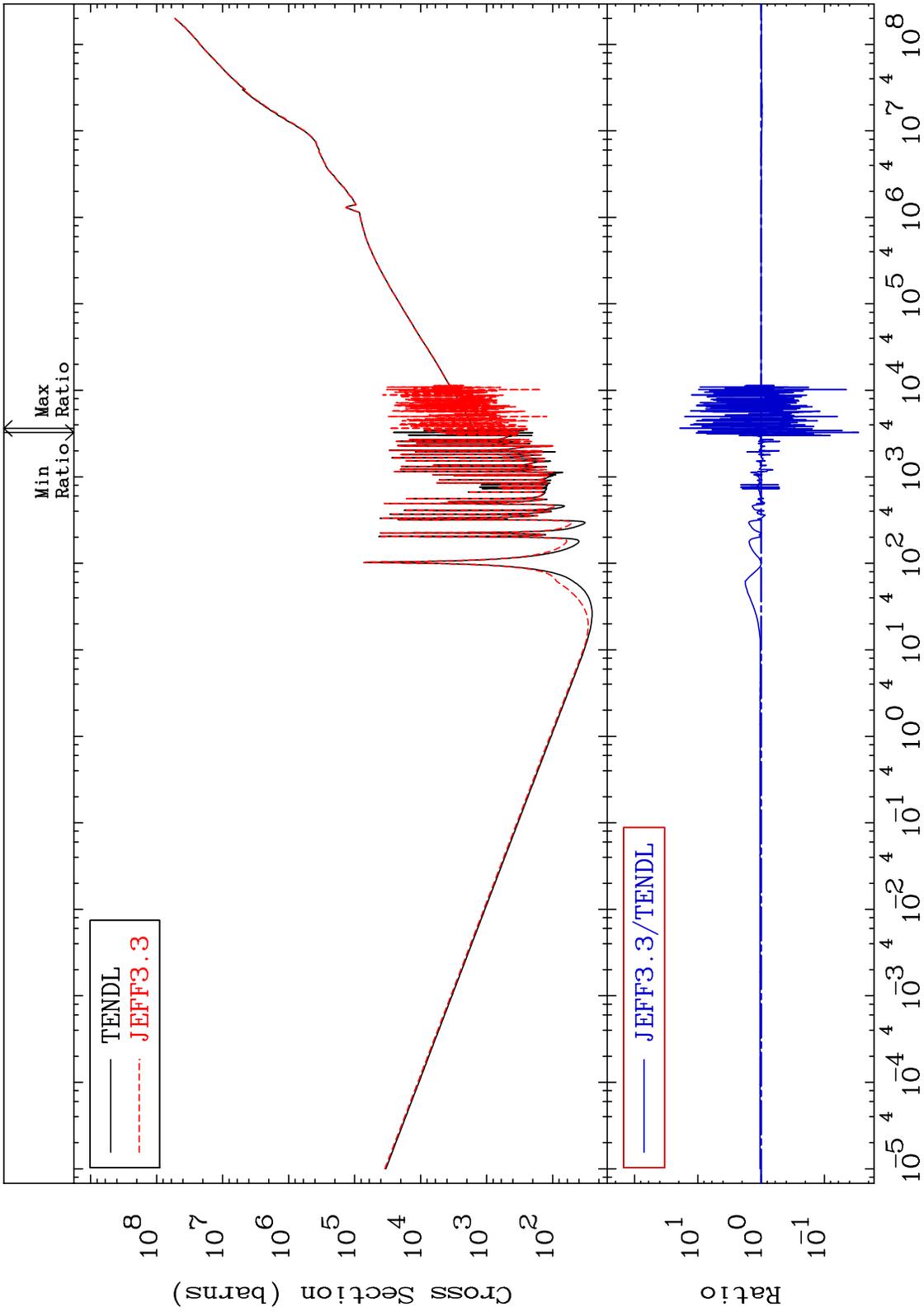


68

Incident Energy (eV)

32-Ge-73

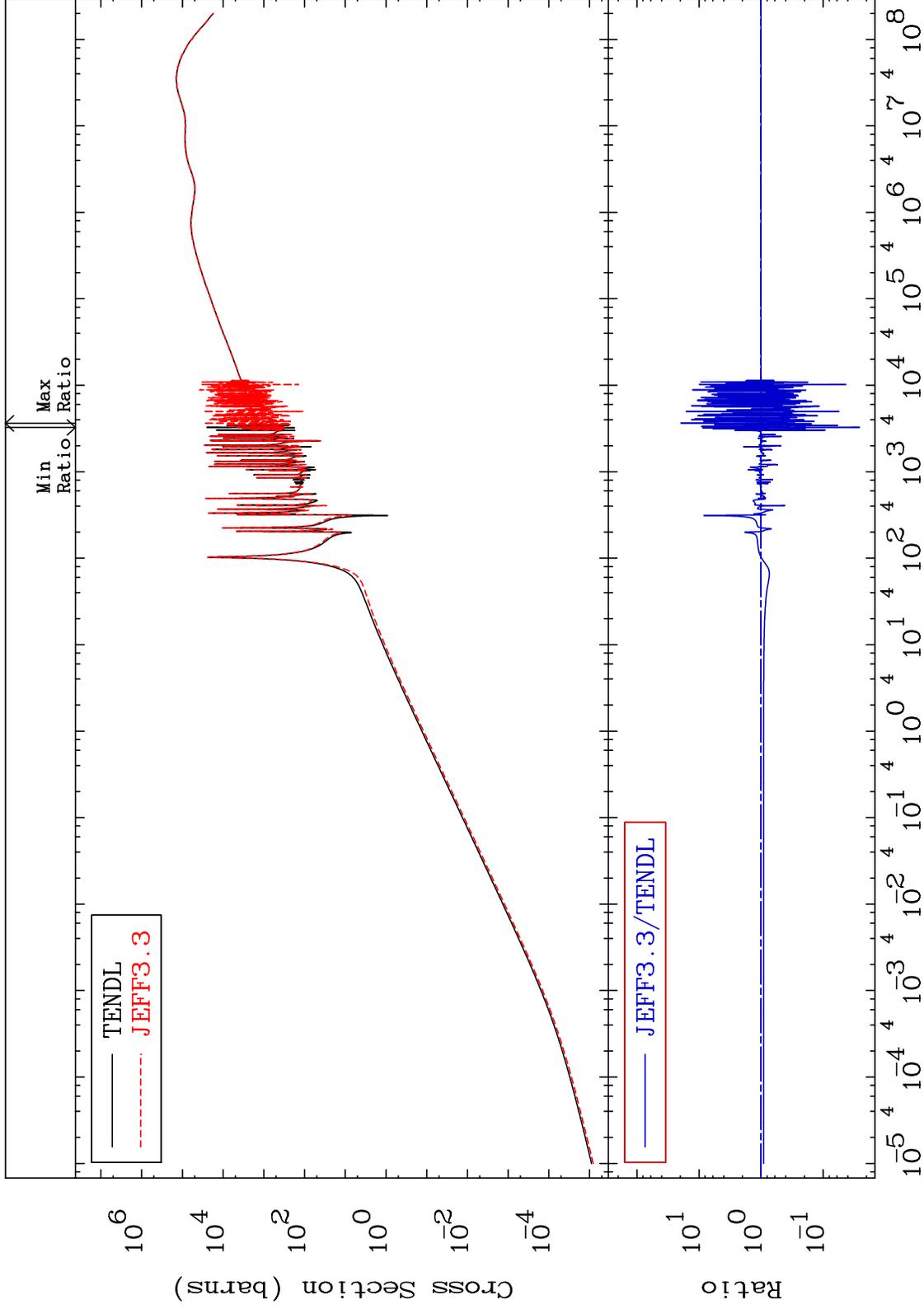
MAT 3234 Kerma total (eV-barns) 32-Ge-73
 Cross Section -97.14 To 1838. %



MAT 3234

Kerma elastic
Cross Section

32-Ge-73
-97.42 To 1866. %



70

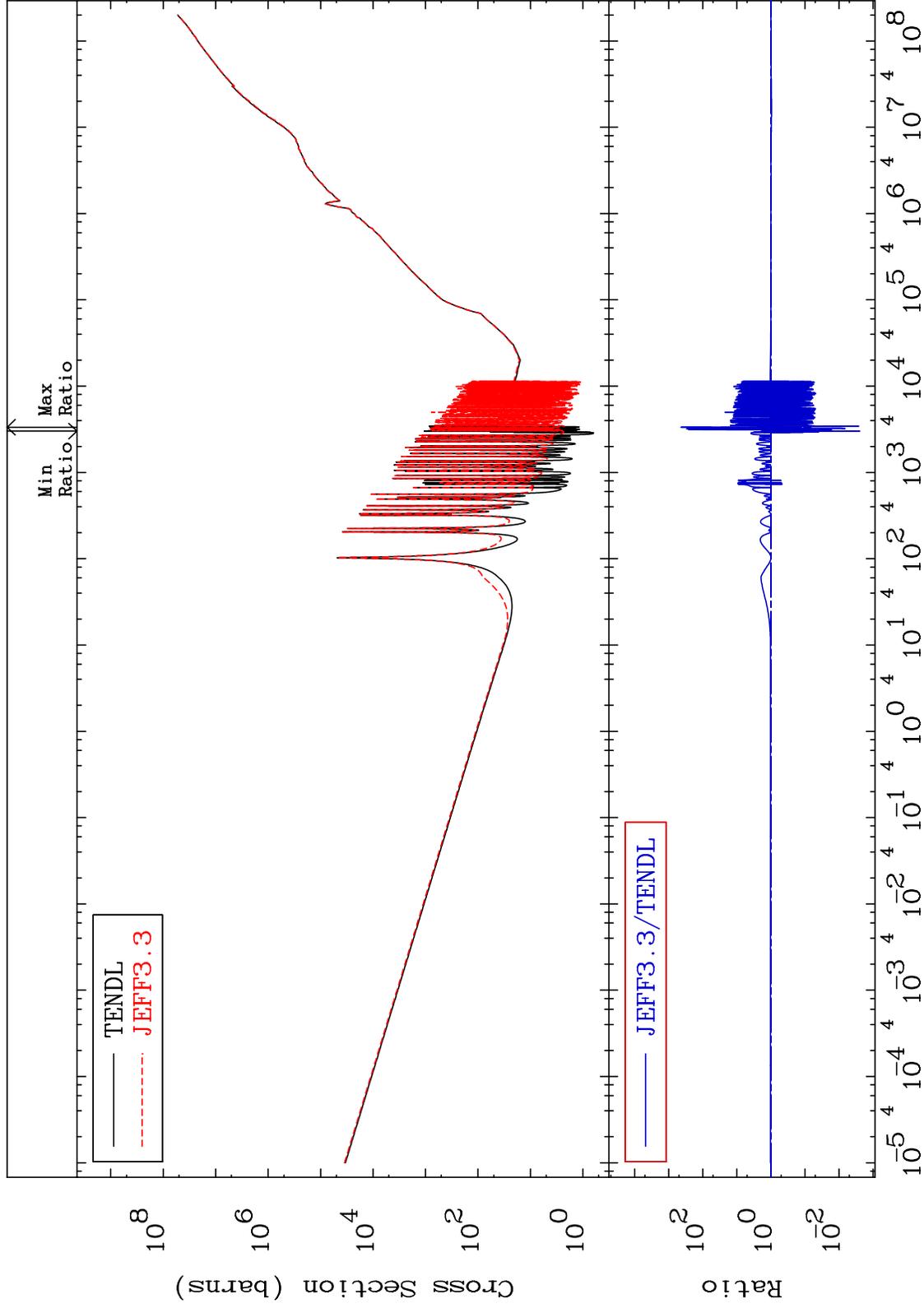
Incident Energy (eV)

32-Ge-73

MAT 3234

Kerma non-elastic (all but mt2)
Cross Section

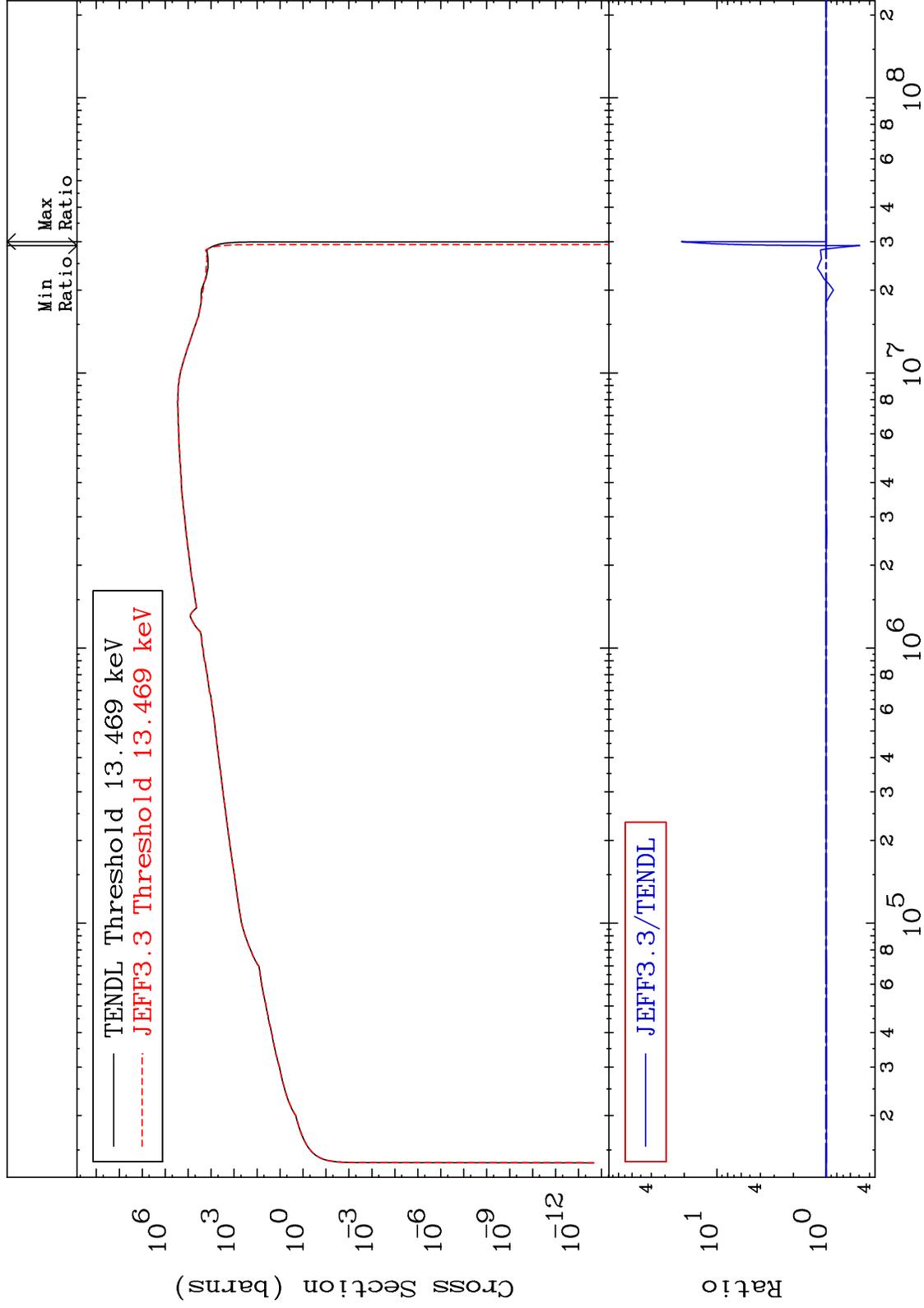
32-Ge-73
-99.75 To 9999. %



MAT 3234

Kerma inelastic (mt51-91)
Cross Section

32-Ge-73
-50.78 To 2028. %



72

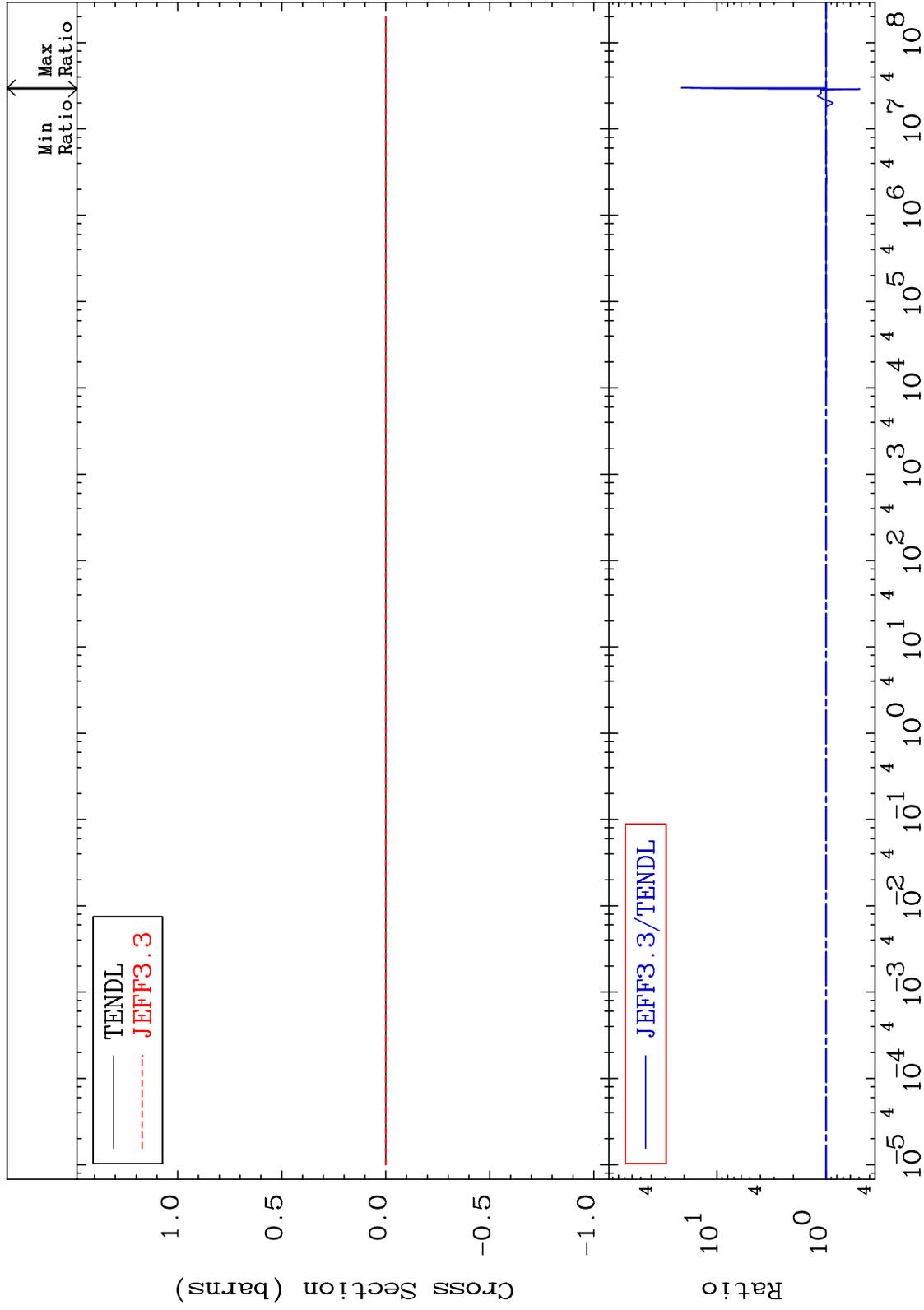
Incident Energy (eV)

32-Ge-73

MAT 3234

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

32-Ge-73
-50.78 To 2028. %



73

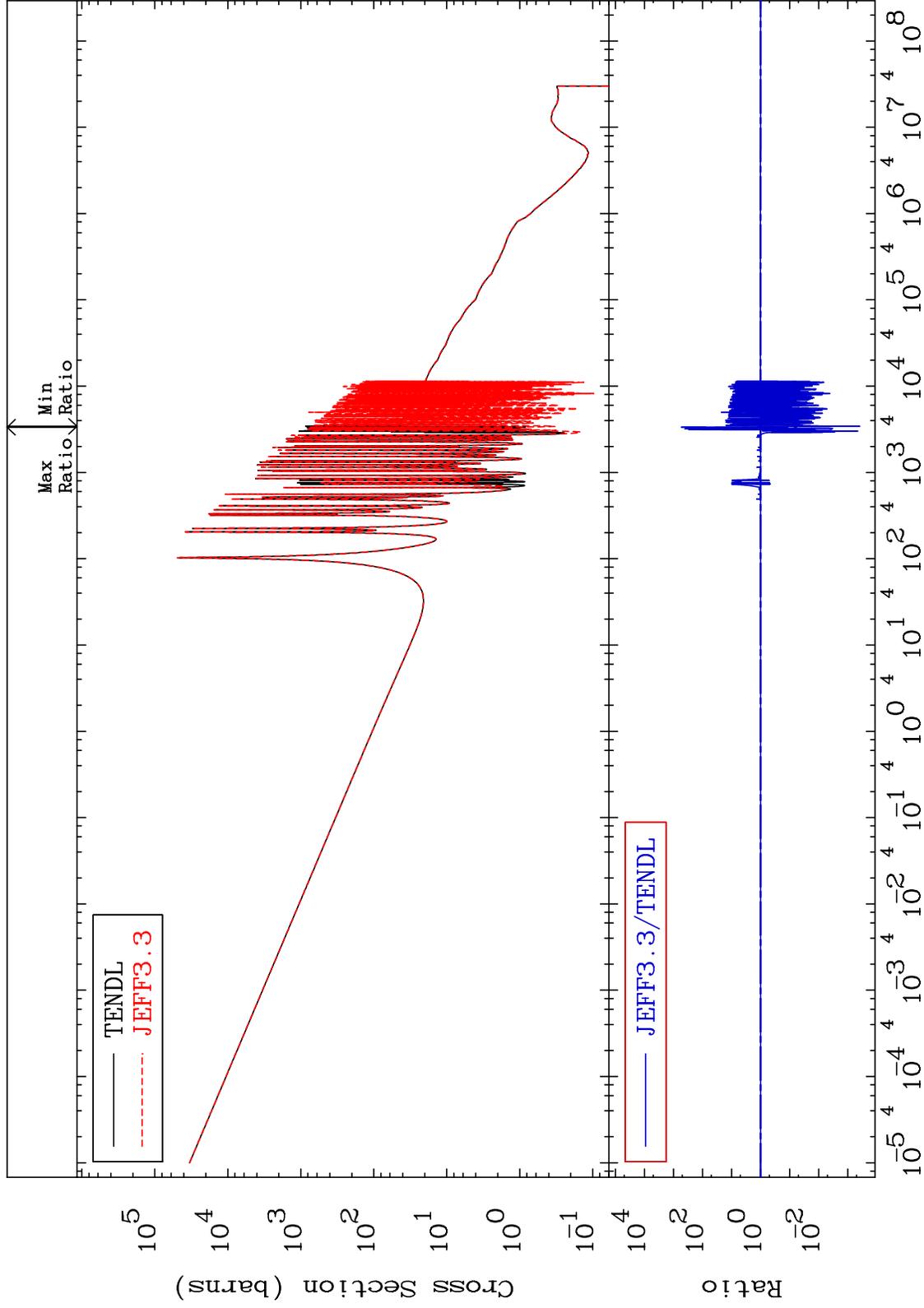
Incident Energy (eV)

32-Ge-73

MAT 3234

Kerma capture (mt102)
Cross Section

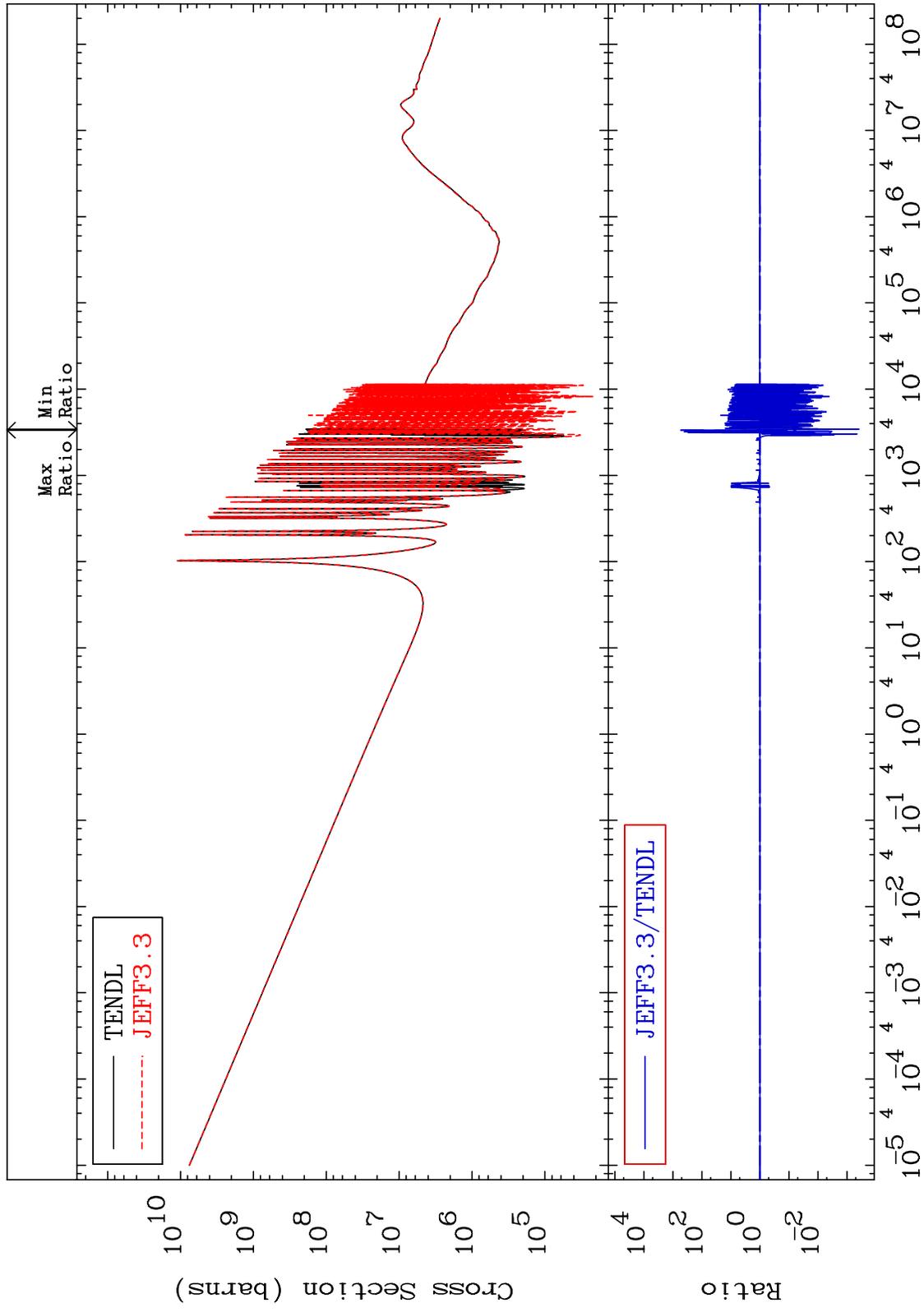
32-Ge-73
-99.96 To 9999. %



MAT 3234

Total photon (eV-barns)
Cross Section

32-Ge-73
-99.96 To 9999. %



75

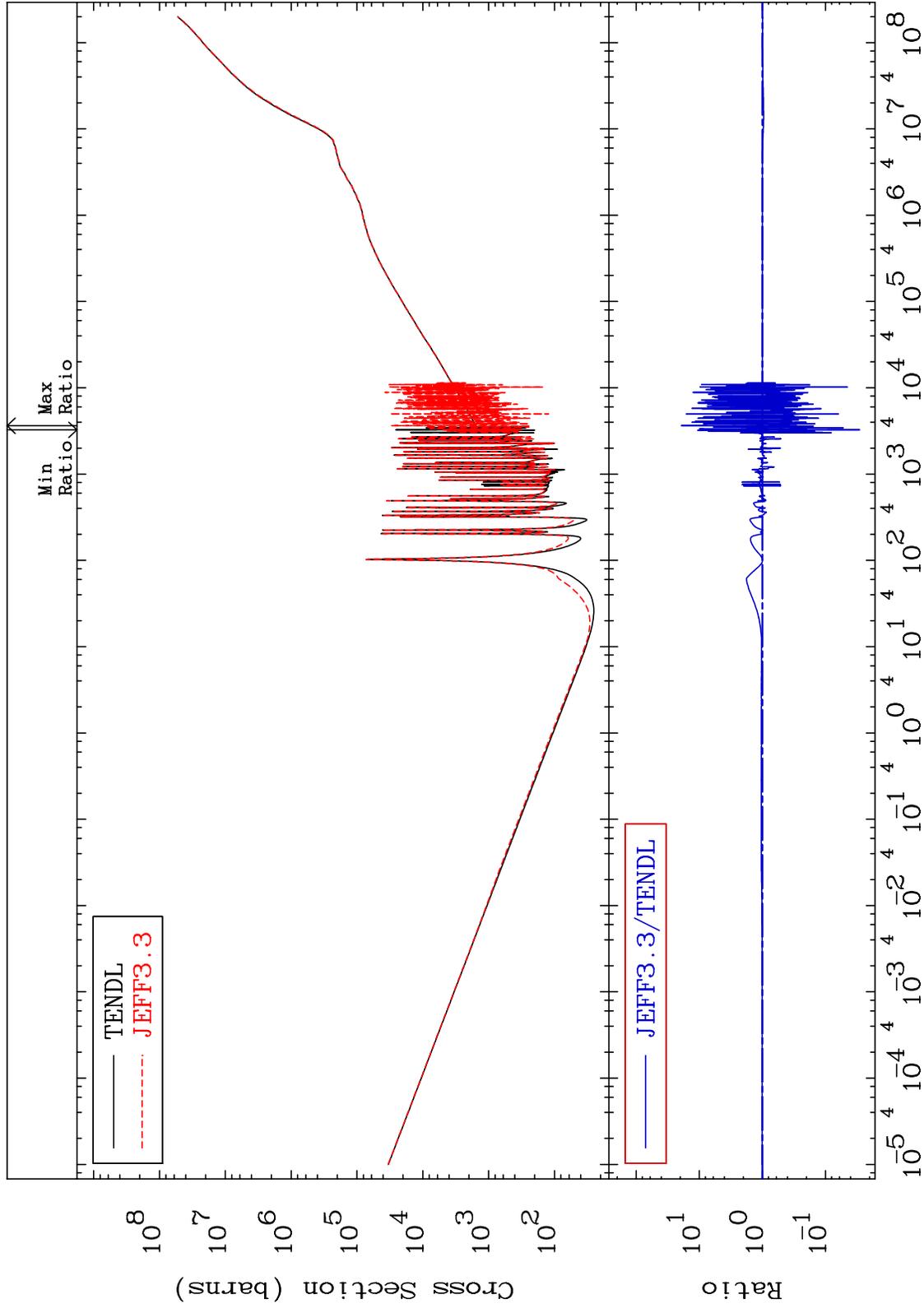
Incident Energy (eV)

32-Ge-73

MAT 3234

Total kinematic kerma (high limit)
Cross Section

32-Ge-73
-97.14 To 1838. %



76

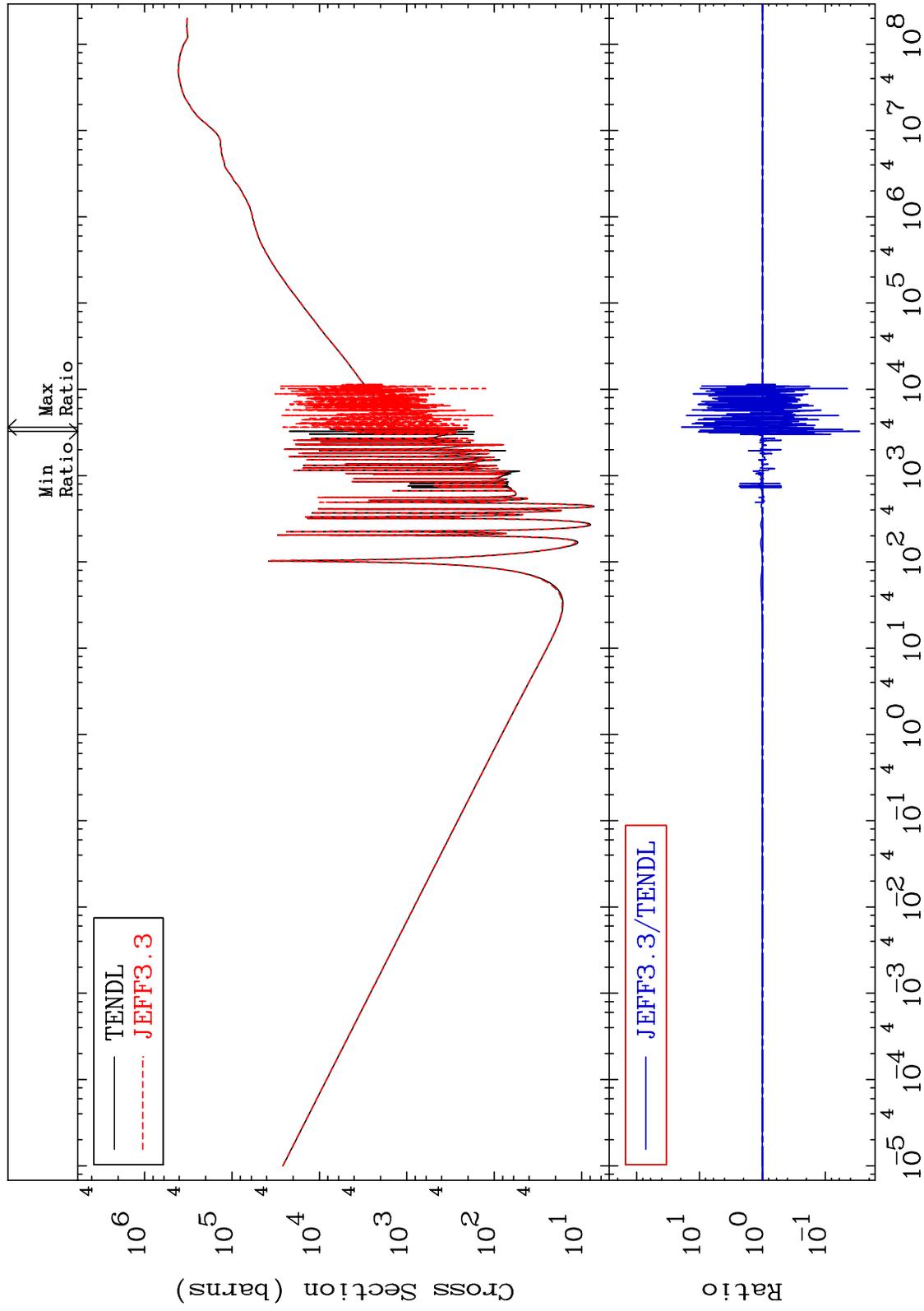
Incident Energy (eV)

32-Ge-73

MAT 3234

Dpa total (eV-barns)
Cross Section

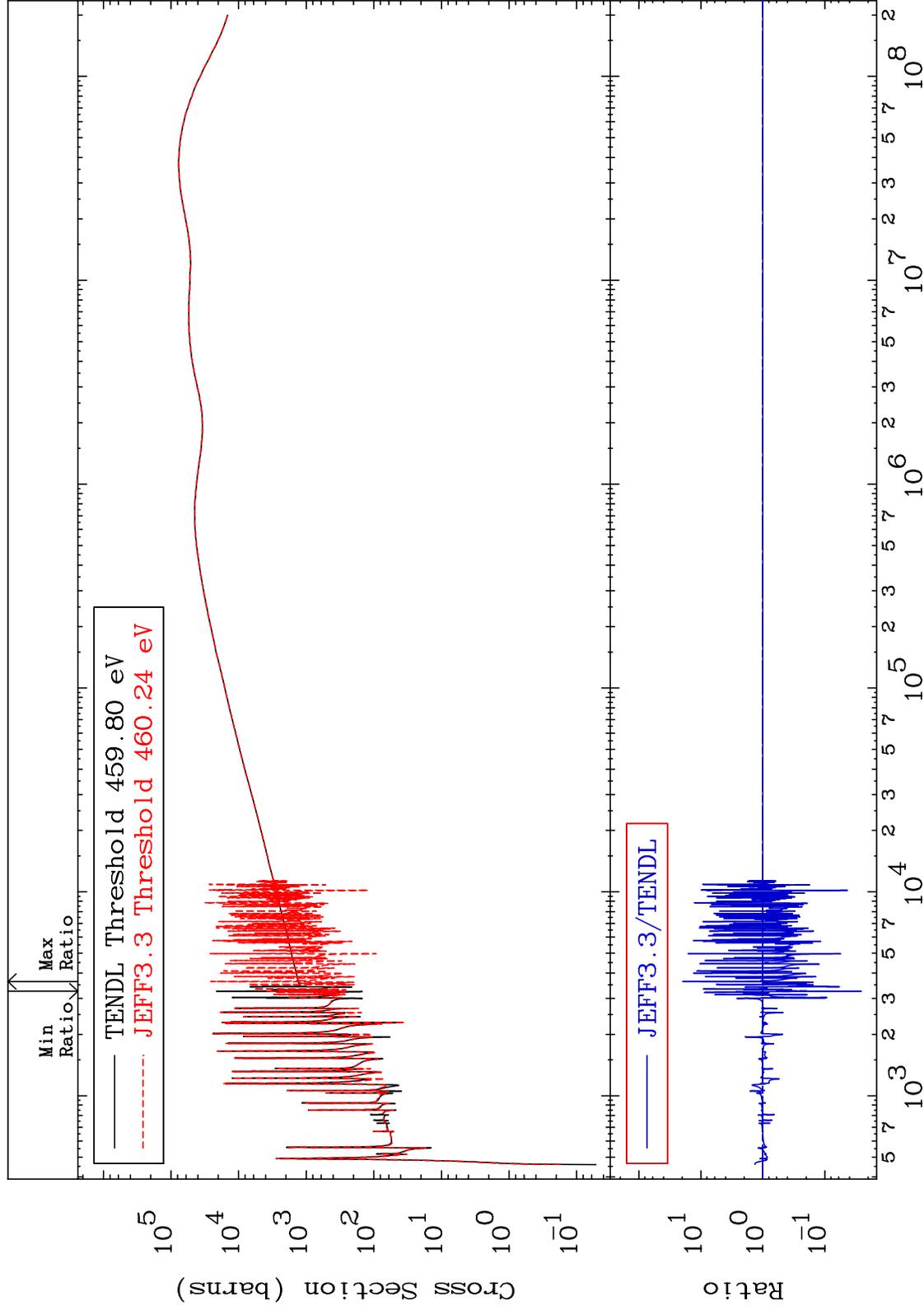
32-Ge-73
-97.18 To 1840. %



MAT 3234

Dpa elastic (mt2)
Cross Section

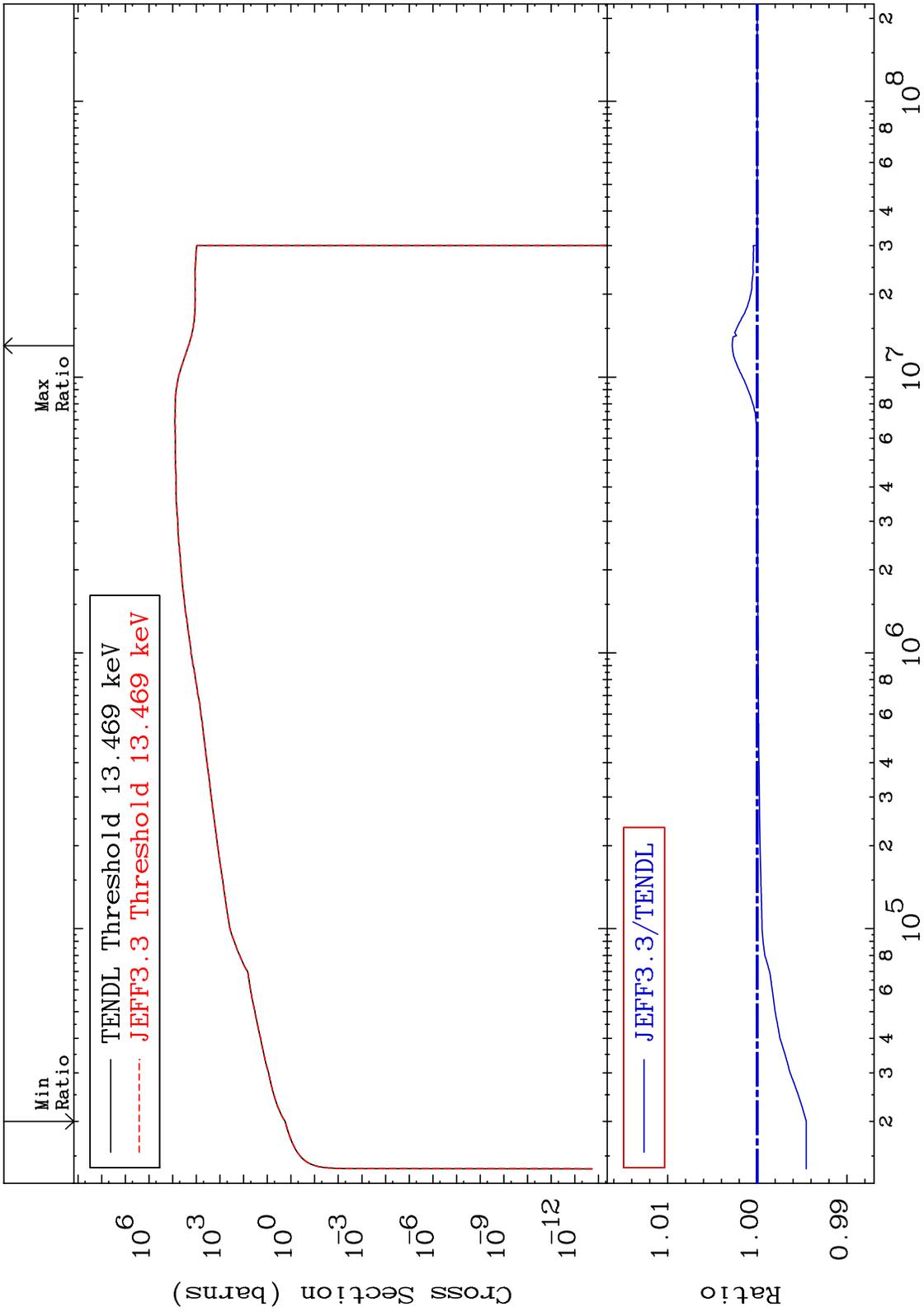
32-Ge-73
-97.42 To 1867. %



78

Incident Energy (eV)

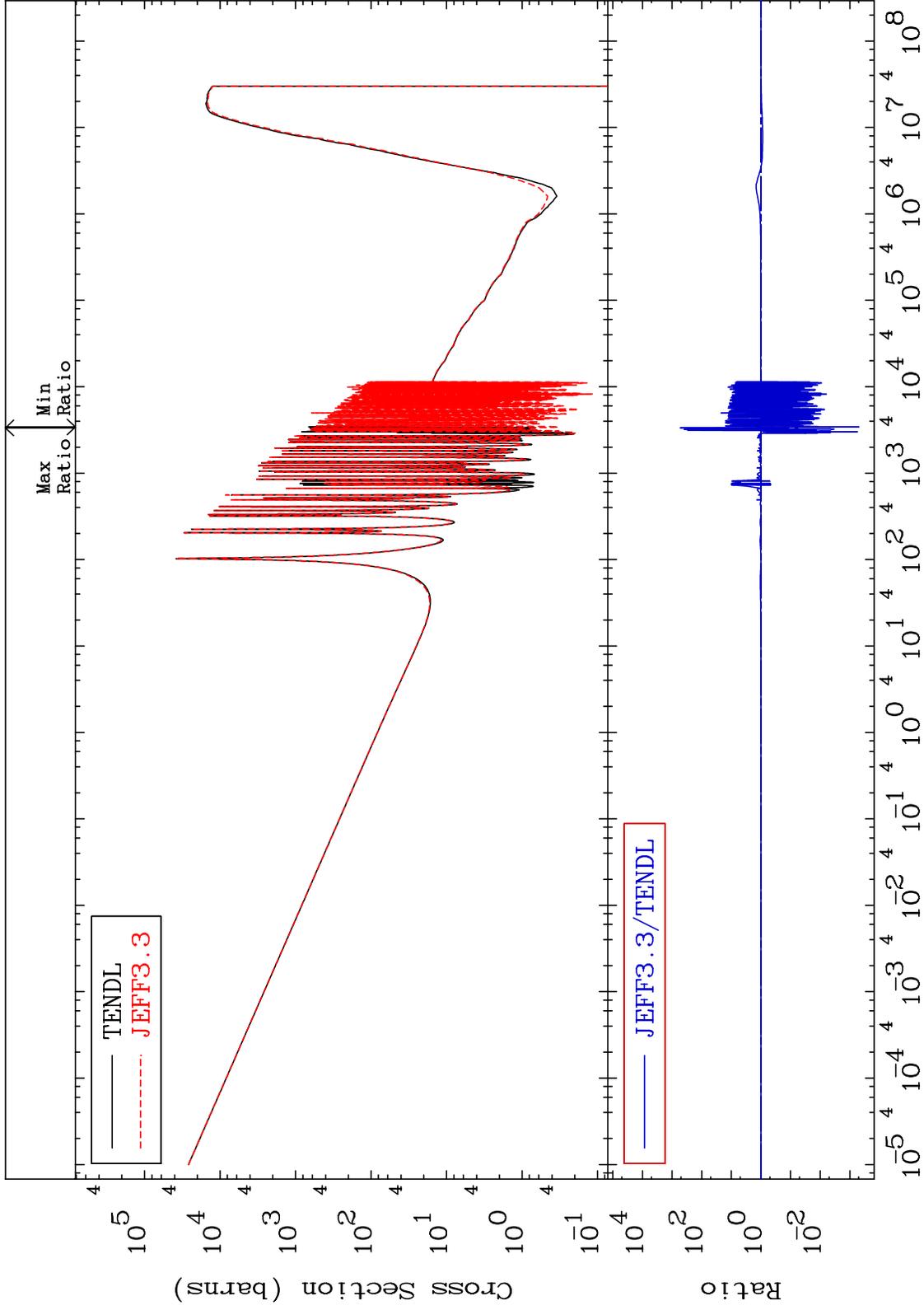
32-Ge-73



MAT 3234

Dpa disappearance (mt102 -120)
Cross Section

32-Ge-73
-99.95 To 9999. %

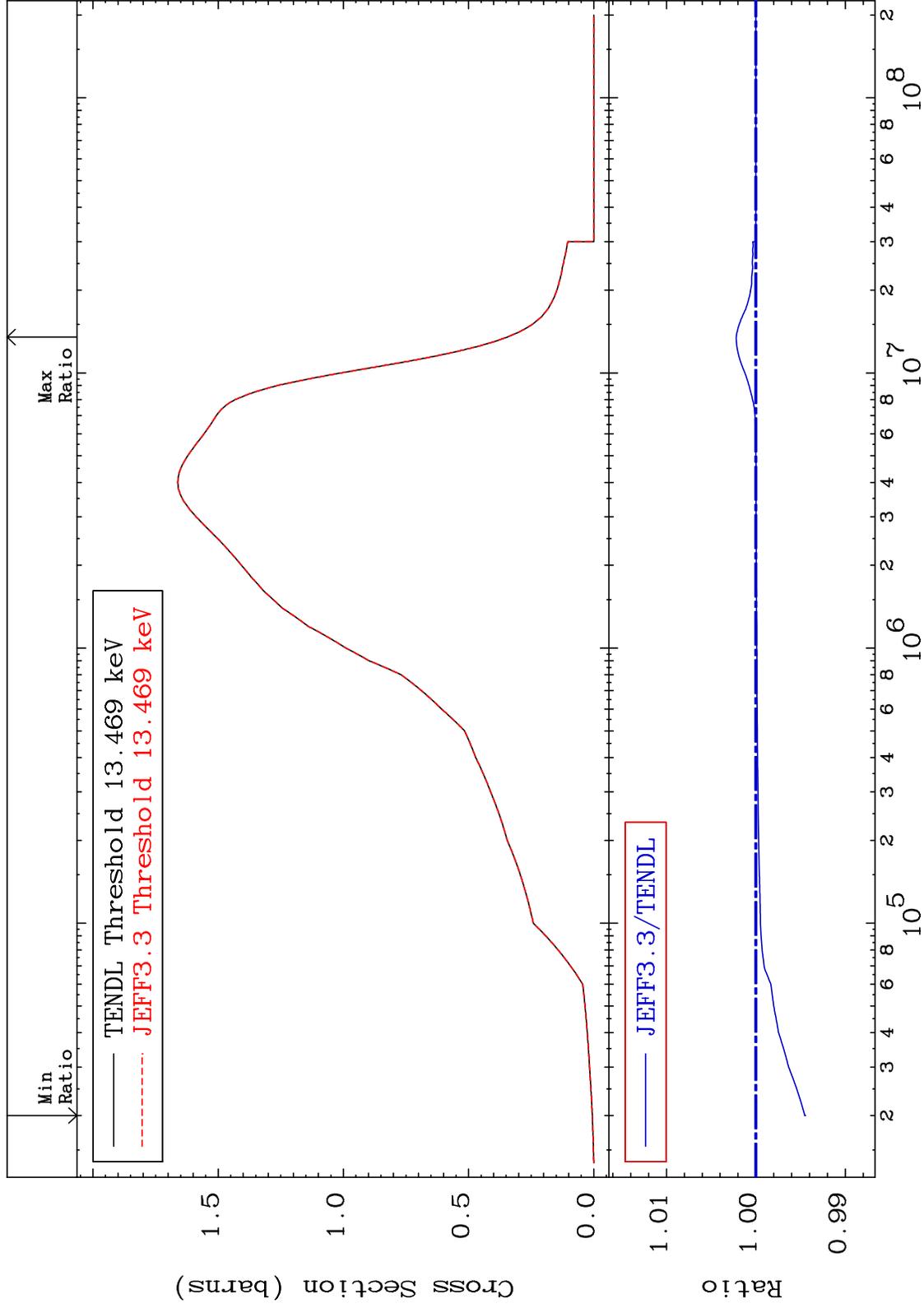


MAT 3234

Inelastic: 32-Ge-73g

32-Ge-73

Radionuclide Production Cross Section -0.547 To 0.219 %

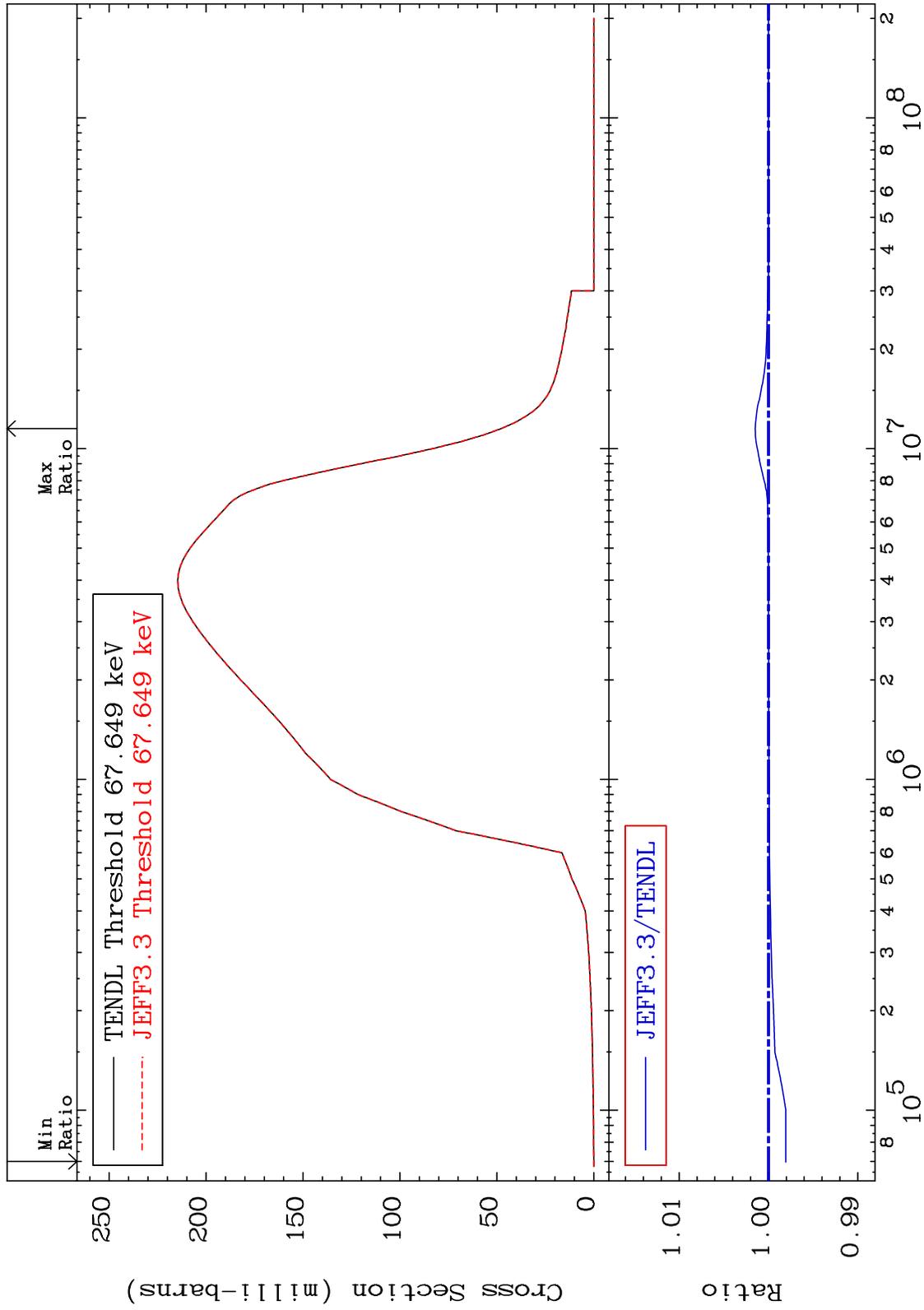


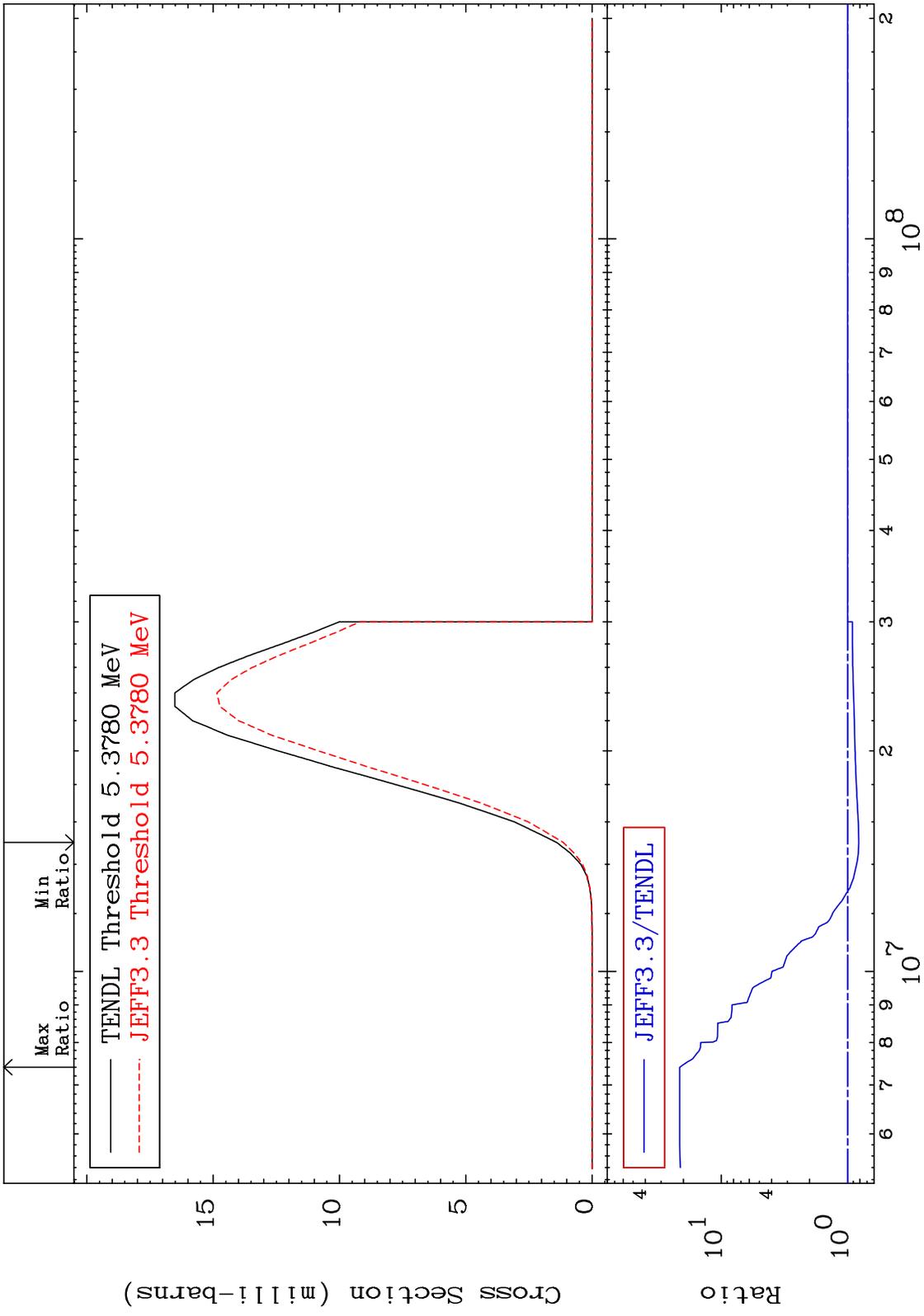
MAT 3234

Inelastic:32-Ge-73m2

32-Ge-73

Radionuclide Production Cross Section -0.194 To 0.148 %



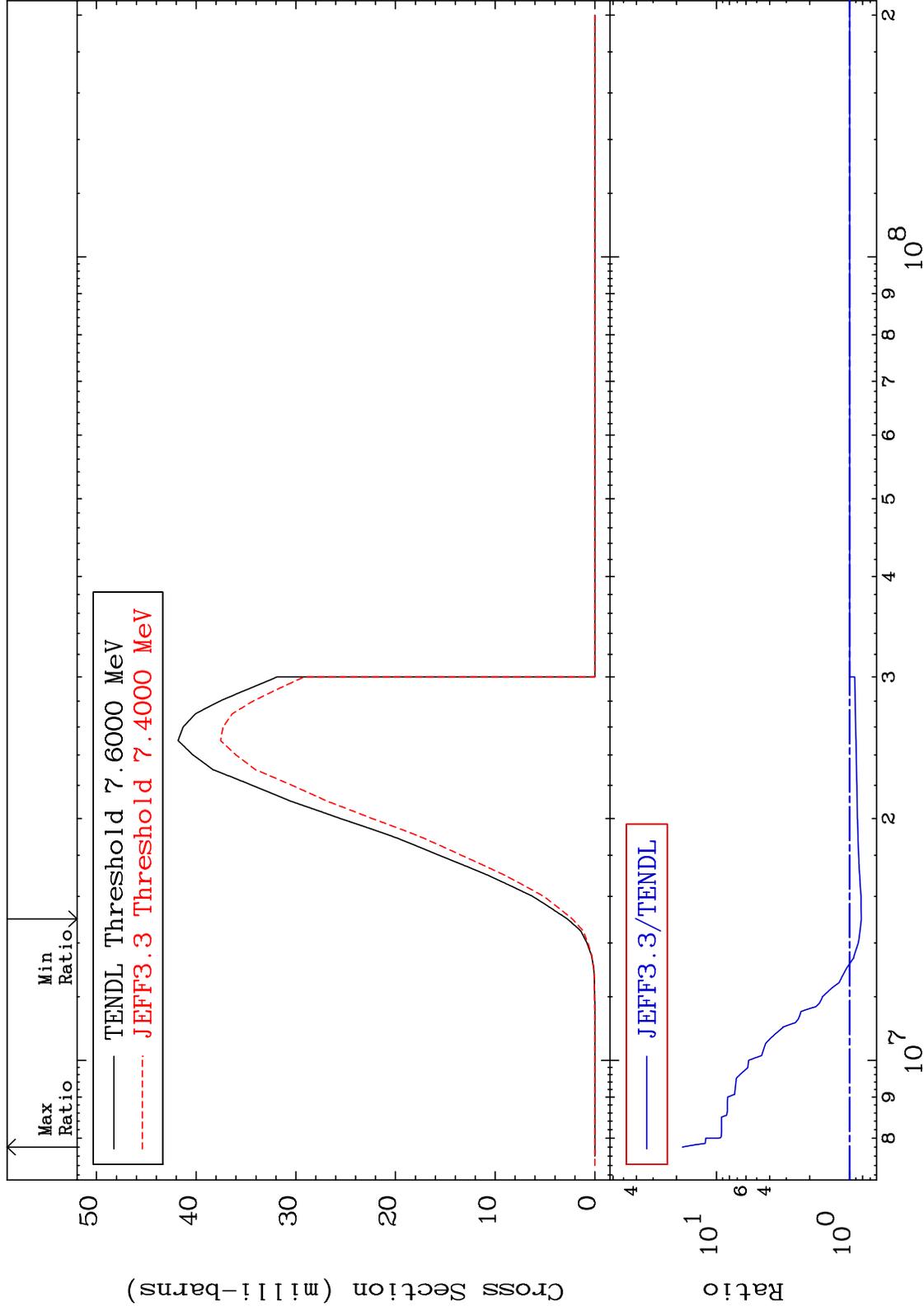


MAT 3234

(n, n') α :30-Zn-69m1

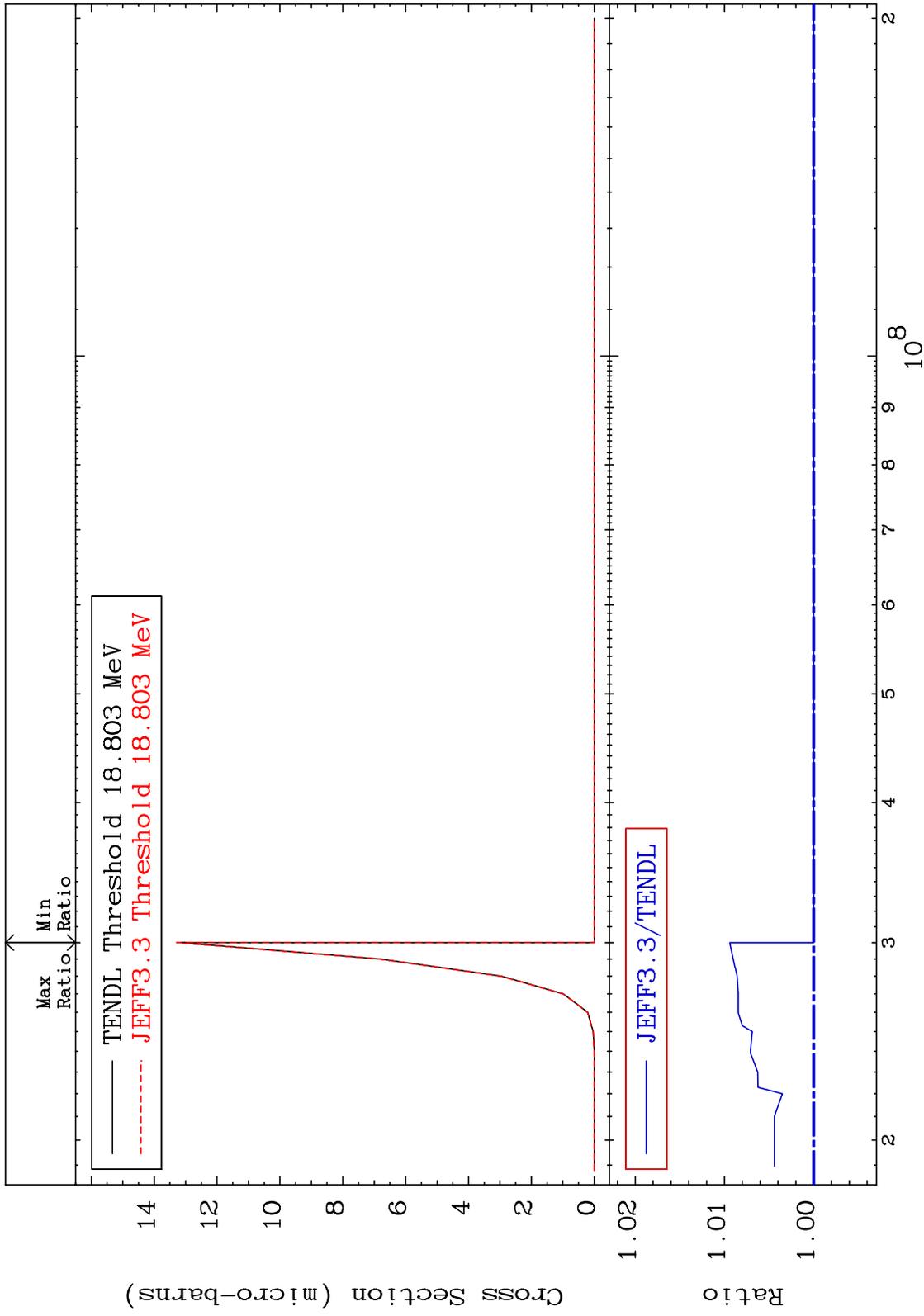
32-Ge-73

Radionuclide Production Cross Section -18.19 To 1704. %



MAT 3234

(n,2n) p:30-Zn-71g 32-Ge-73
Radionuclide Production Cross Section 0.000 To 0.942 %

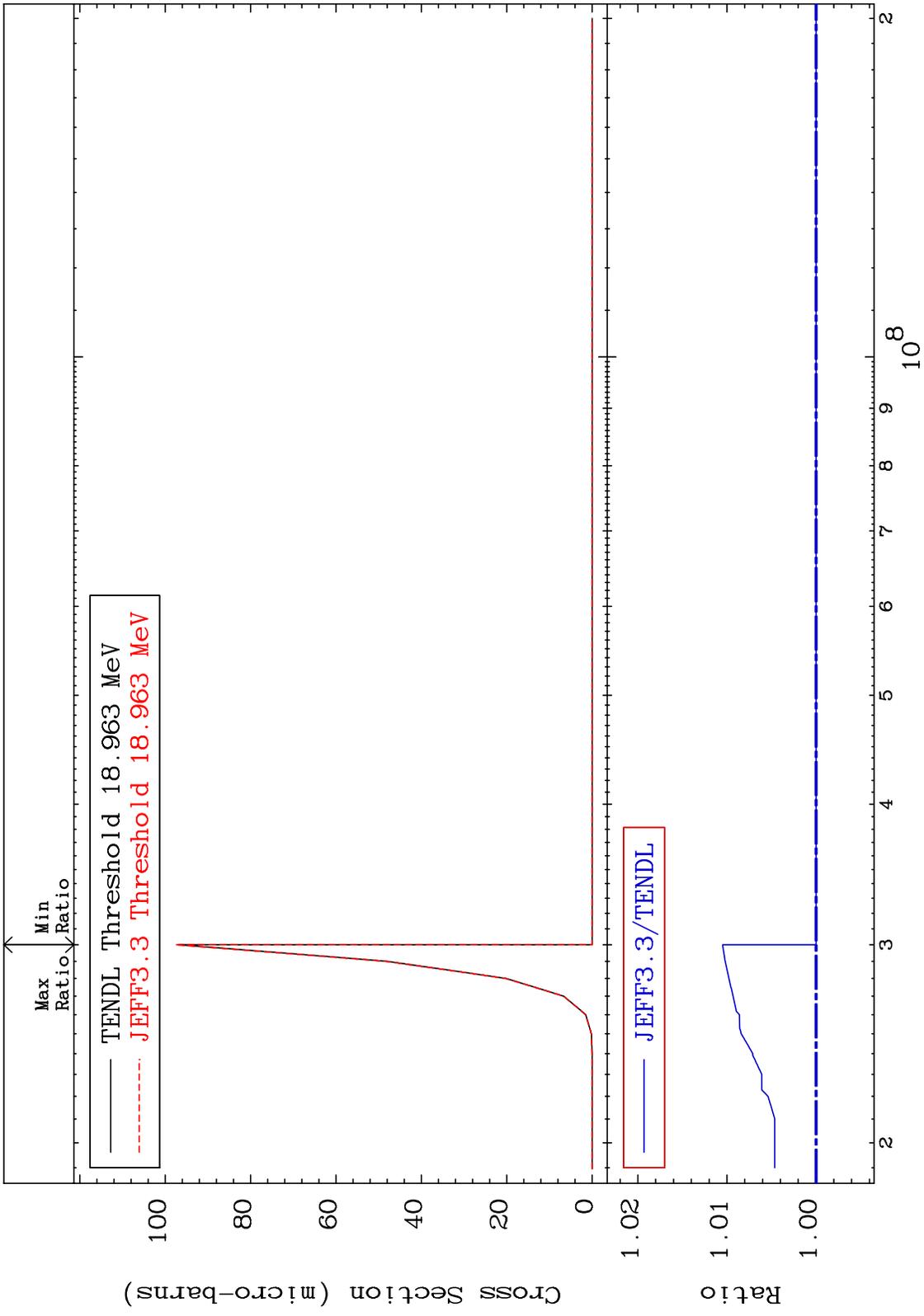


85

Incident Energy (eV)

32-Ge-73

MAT 3234 (n,2n) p:30-Zn-71m1 32-Ge-73
 Radionuclide Production Cross Section 0.000 To 1.049 %

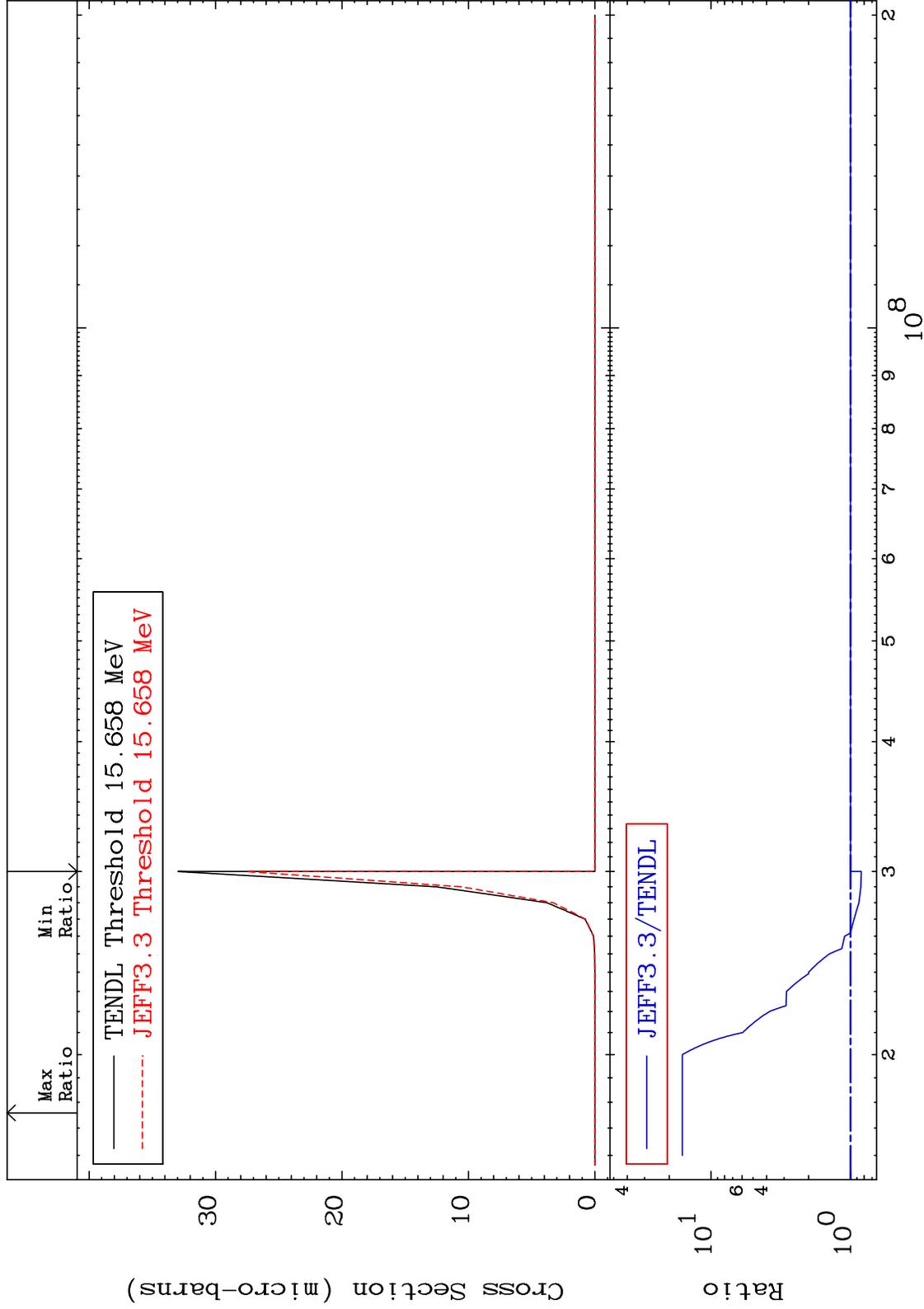


MAT 3234

(n,n') p α :29-Cu-68g

32-Ge-73

Radionuclide Production Cross Section -16.36 To 1506. %

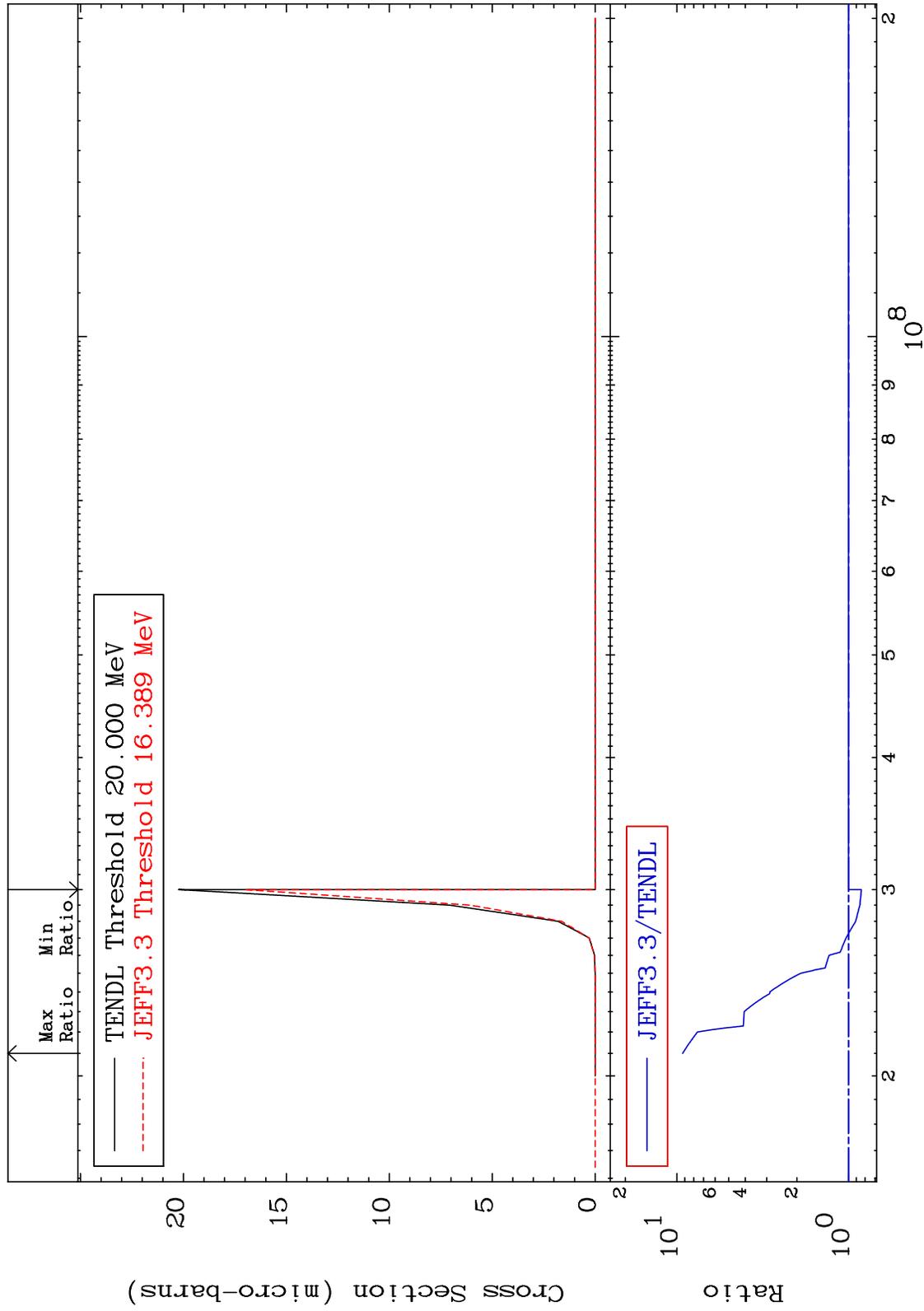


MAT 3234

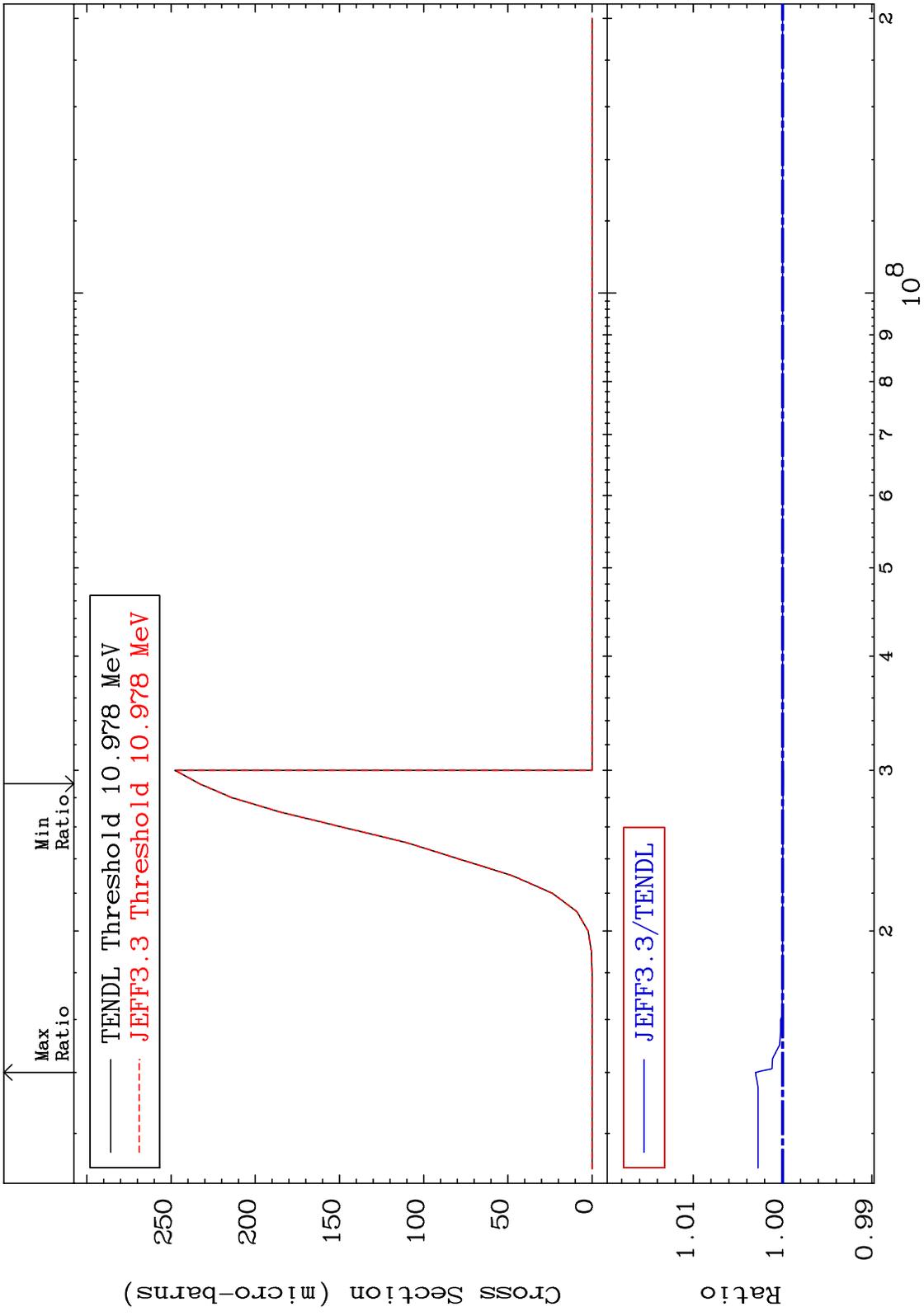
(n,n') p α :29-Cu-68m3

32-Ge-73

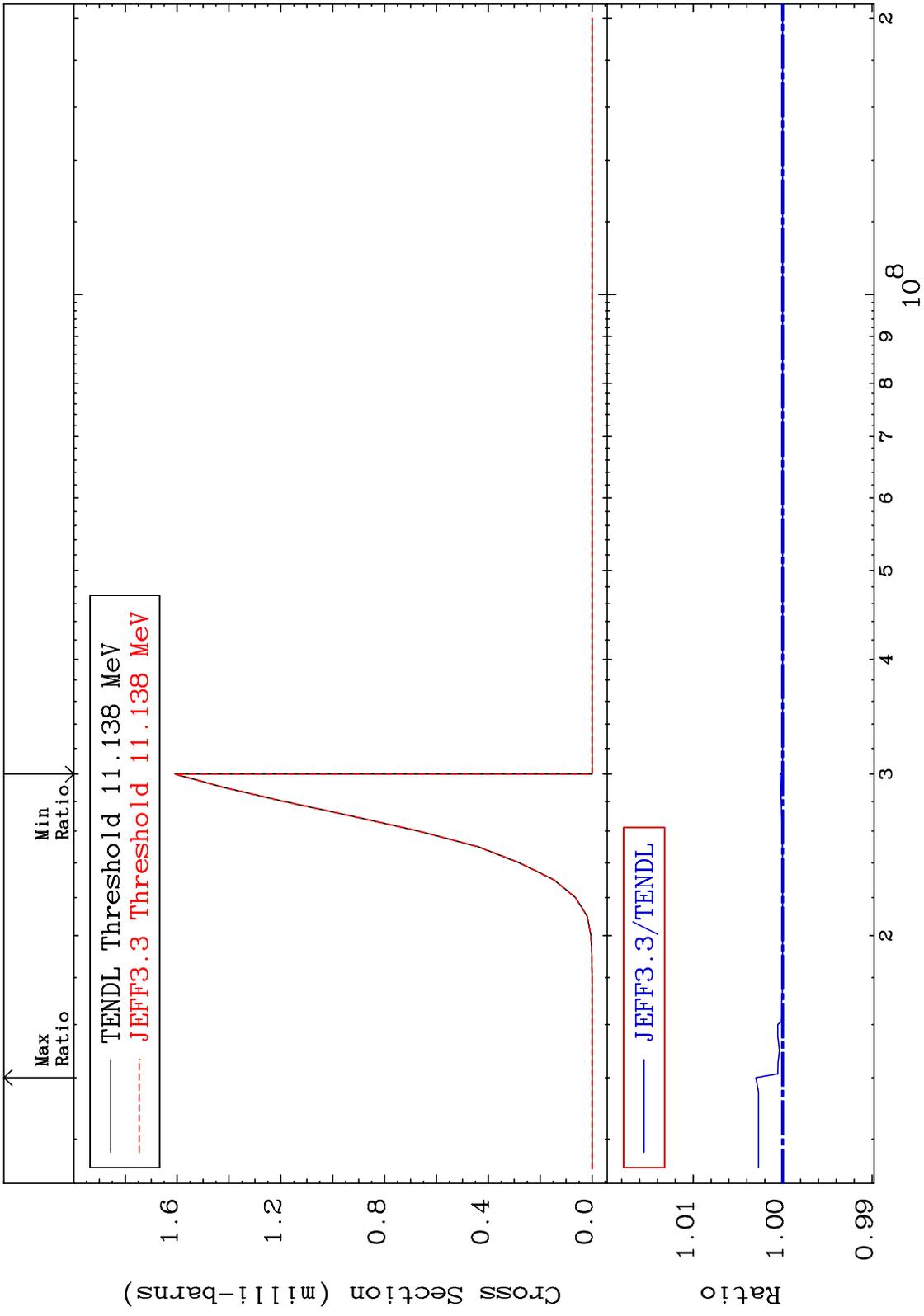
Radionuclide Production Cross Section -15.87 To 827.0 %



MAT 3234 (n,He-3):30-Zn-71g 32-Ge-73
 Radionuclide Production Cross Section -0.007 To 0.304 %



MAT 3234 (n, He-3) : 30-Zn-71m1 32-Ge-73
 Radionuclide Production Cross Section 0.000 To 0.299 %

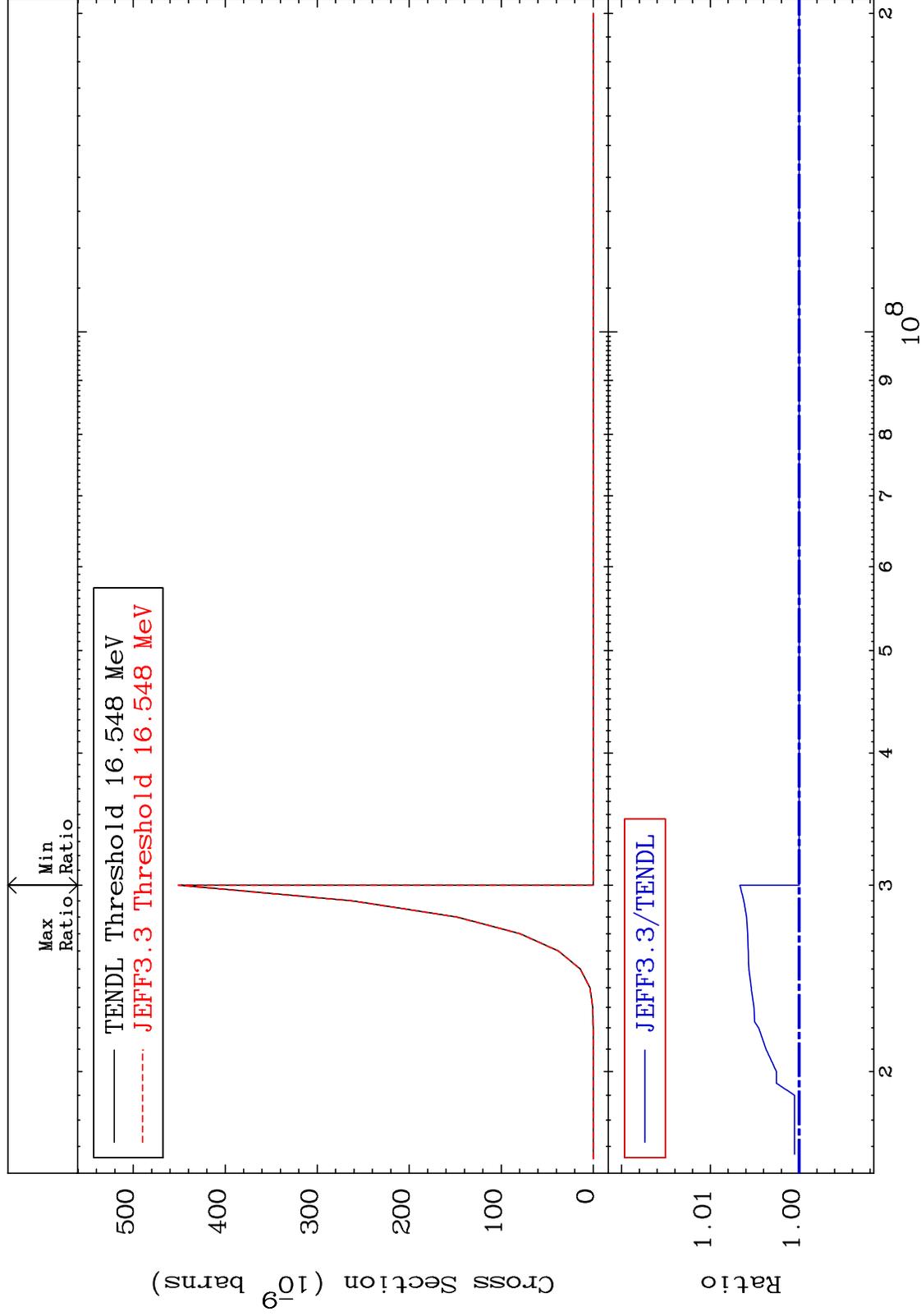


MAT 3234

(n,p) d:30-Zn-71g

32-Ge-73

Radionuclide Production Cross Section 0.000 To 0.667 %



91

Incident Energy (eV)

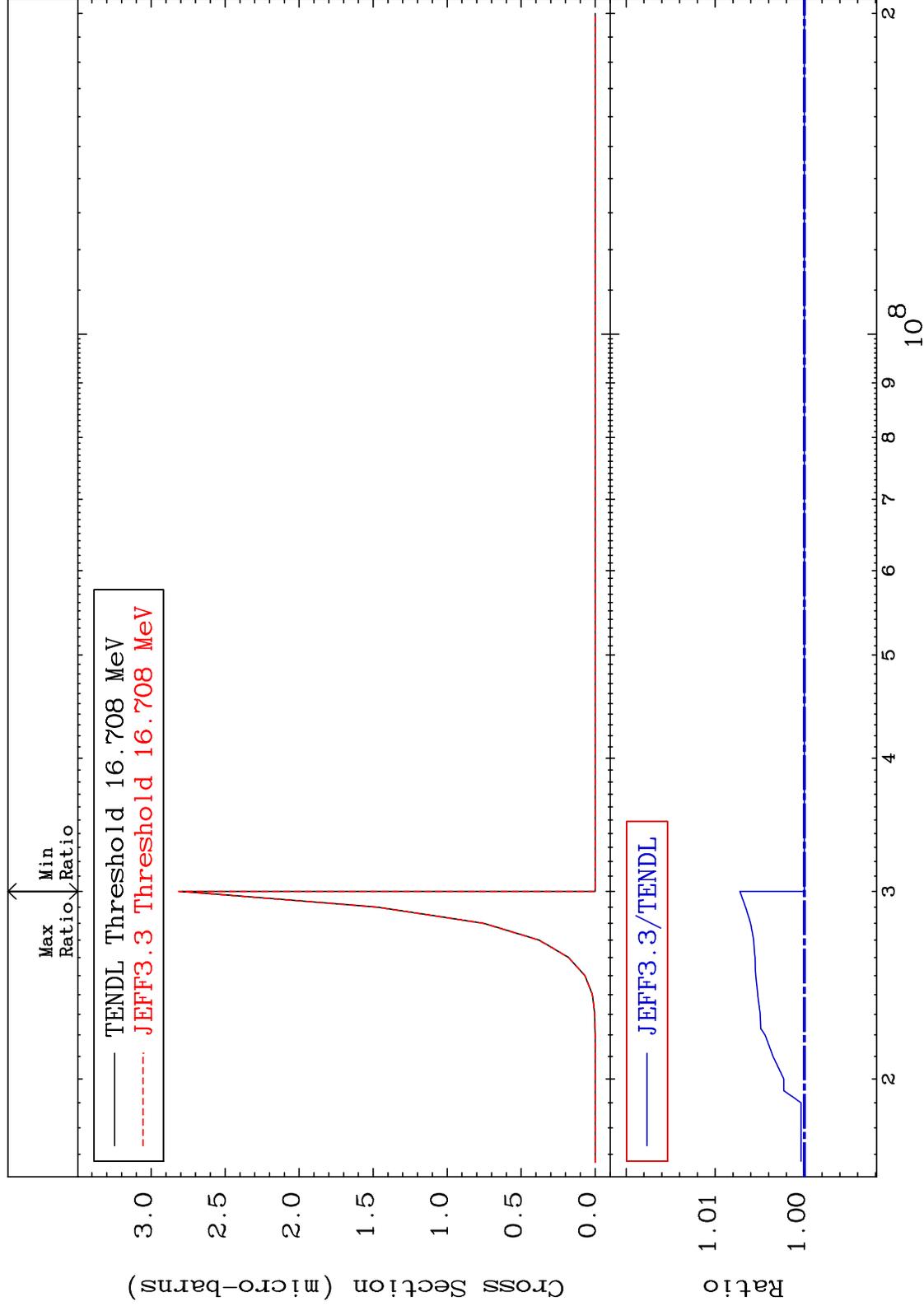
32-Ge-73

MAT 3234

(n,p) d:30-Zn-71m1

32-Ge-73

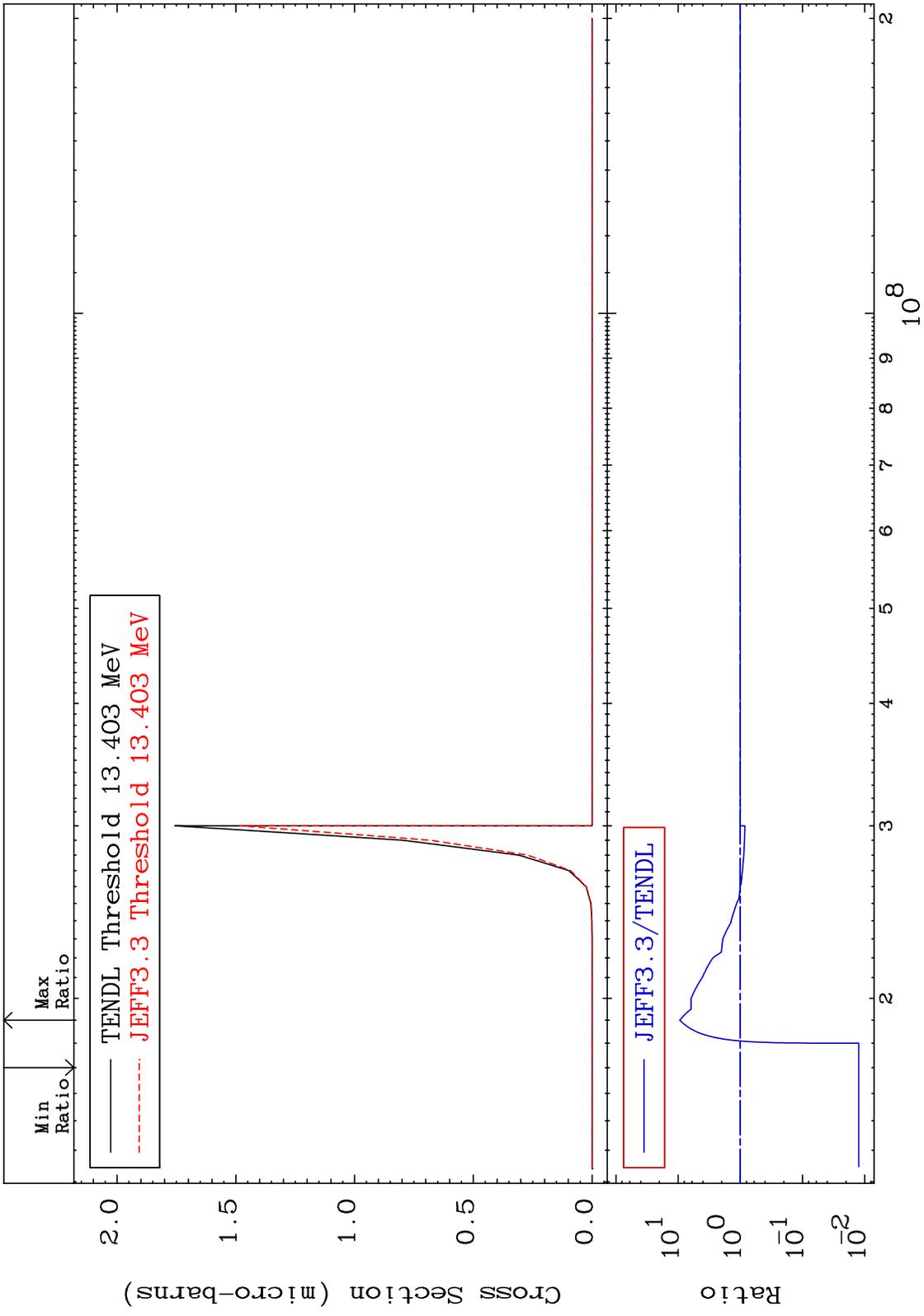
Radionuclide Production Cross Section 0.000 To 0.723 %



92

Incident Energy (eV)

32-Ge-73



MAT 3234

(n, d) α :29-Cu-68m3

32-Ge-73

Radionuclide Production Cross Section -14.44 To 978.6 %

