

Program Complot  
(Version 2018-1)

by

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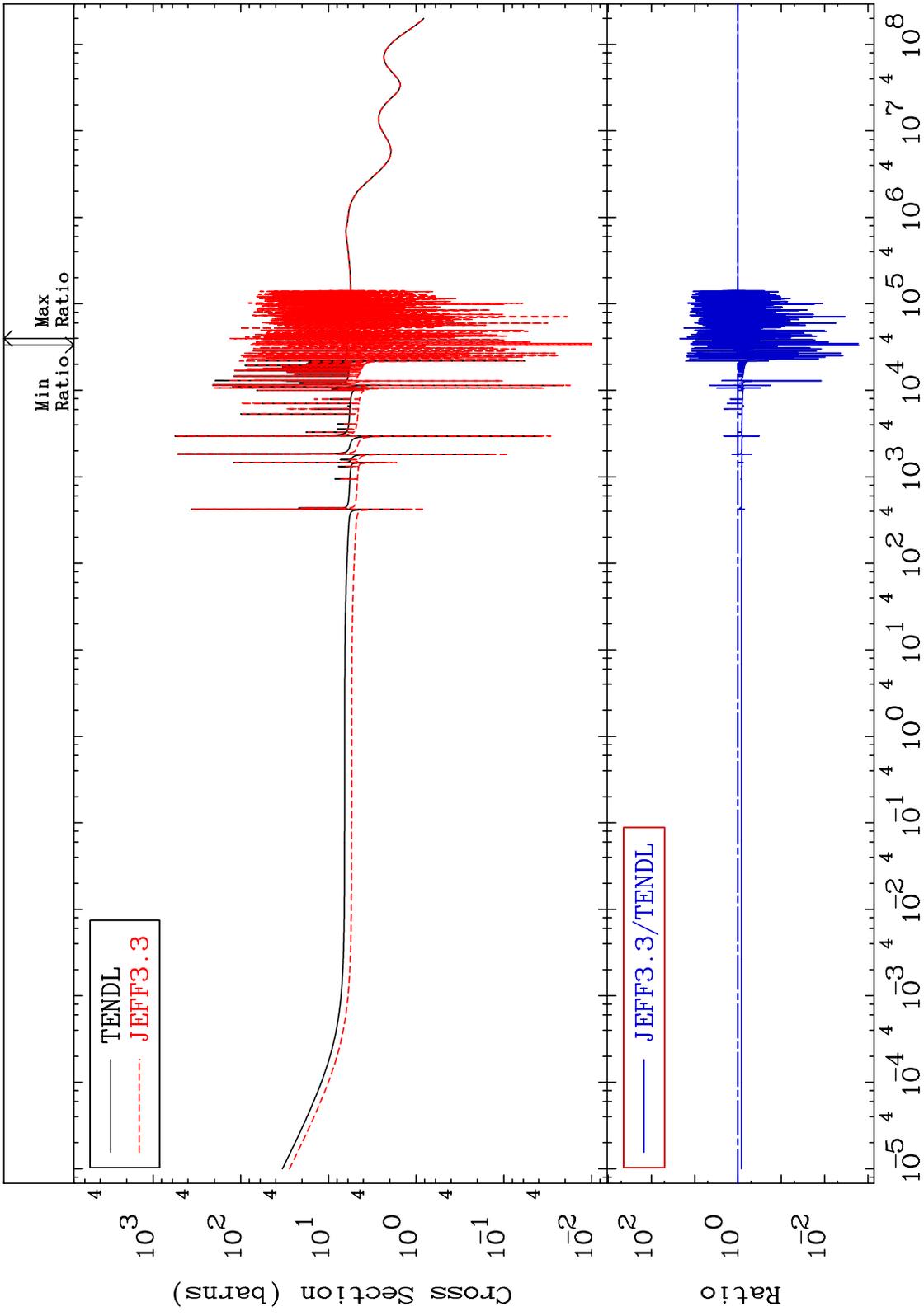
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

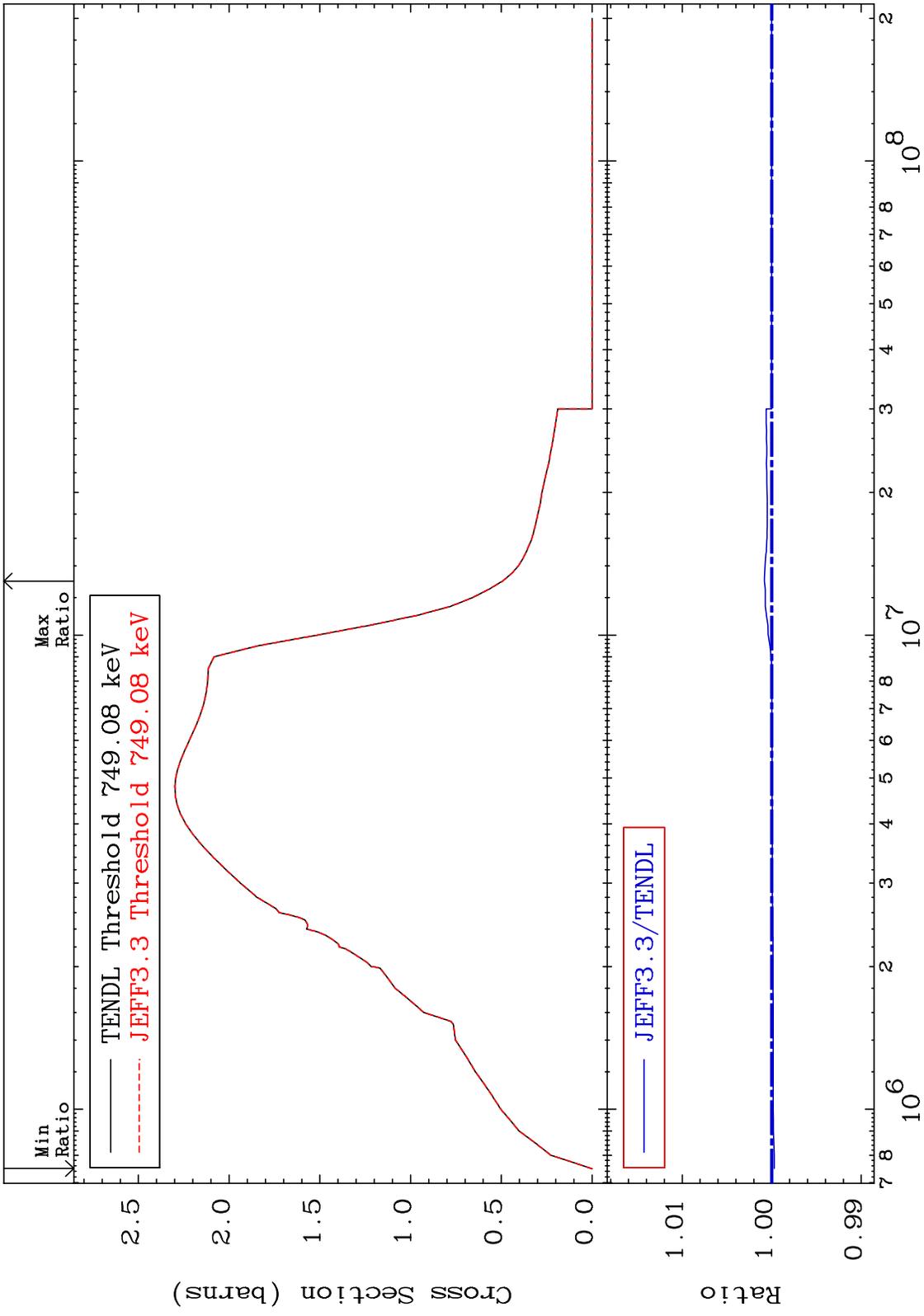
Press Mouse Button to Start



MAT 5249 Elastic Cross Section 52-Te-128 -99.84 To 2112. %

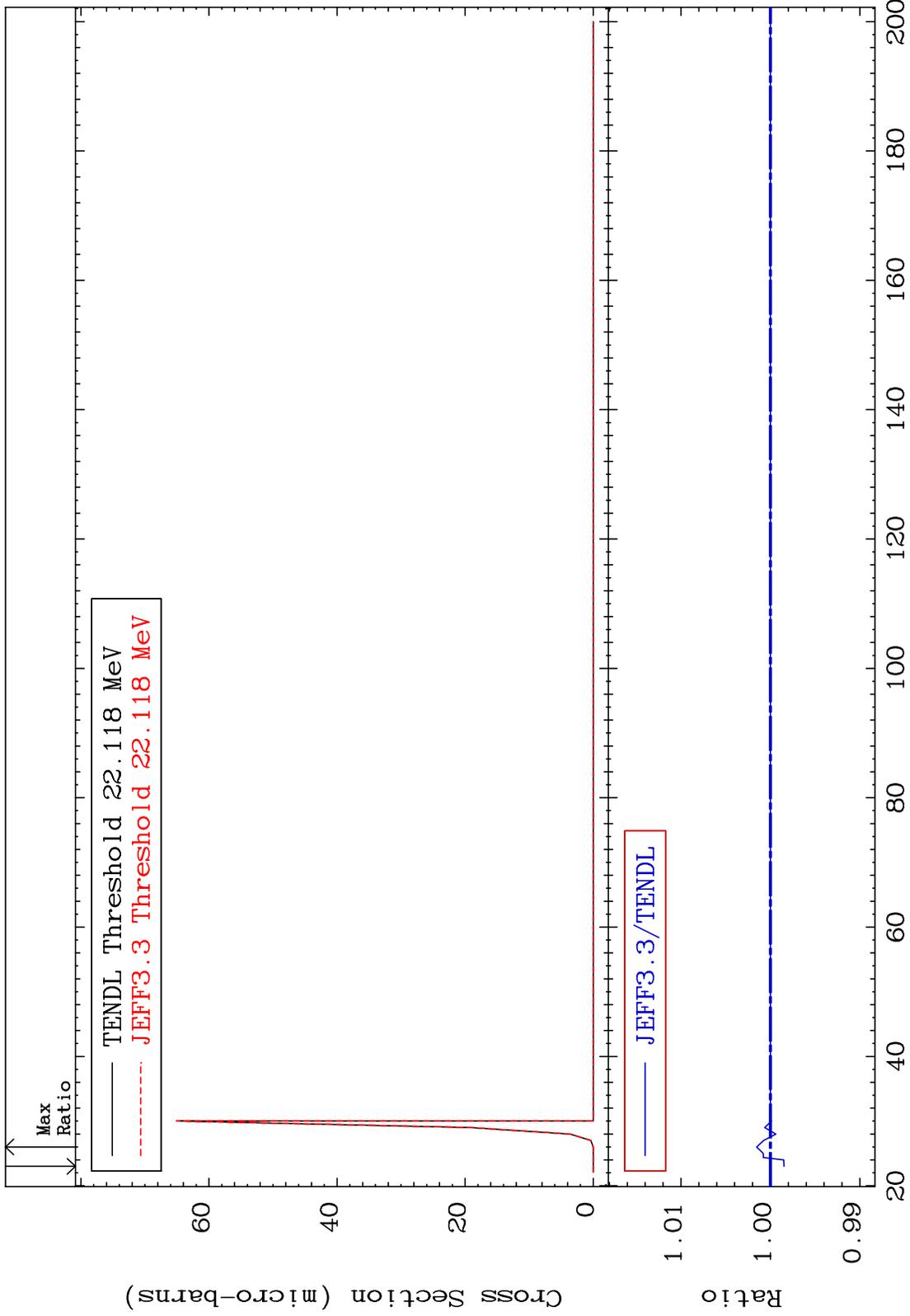


MAT 5249 Inelastic Cross Section 52-Te-128 -0.028 To 0.083 %



3 Incident Energy (eV) 52-Te-128

MAT 5249 (n,2n) d 52-Te-128  
Cross Section -0.151 To 0.154 %



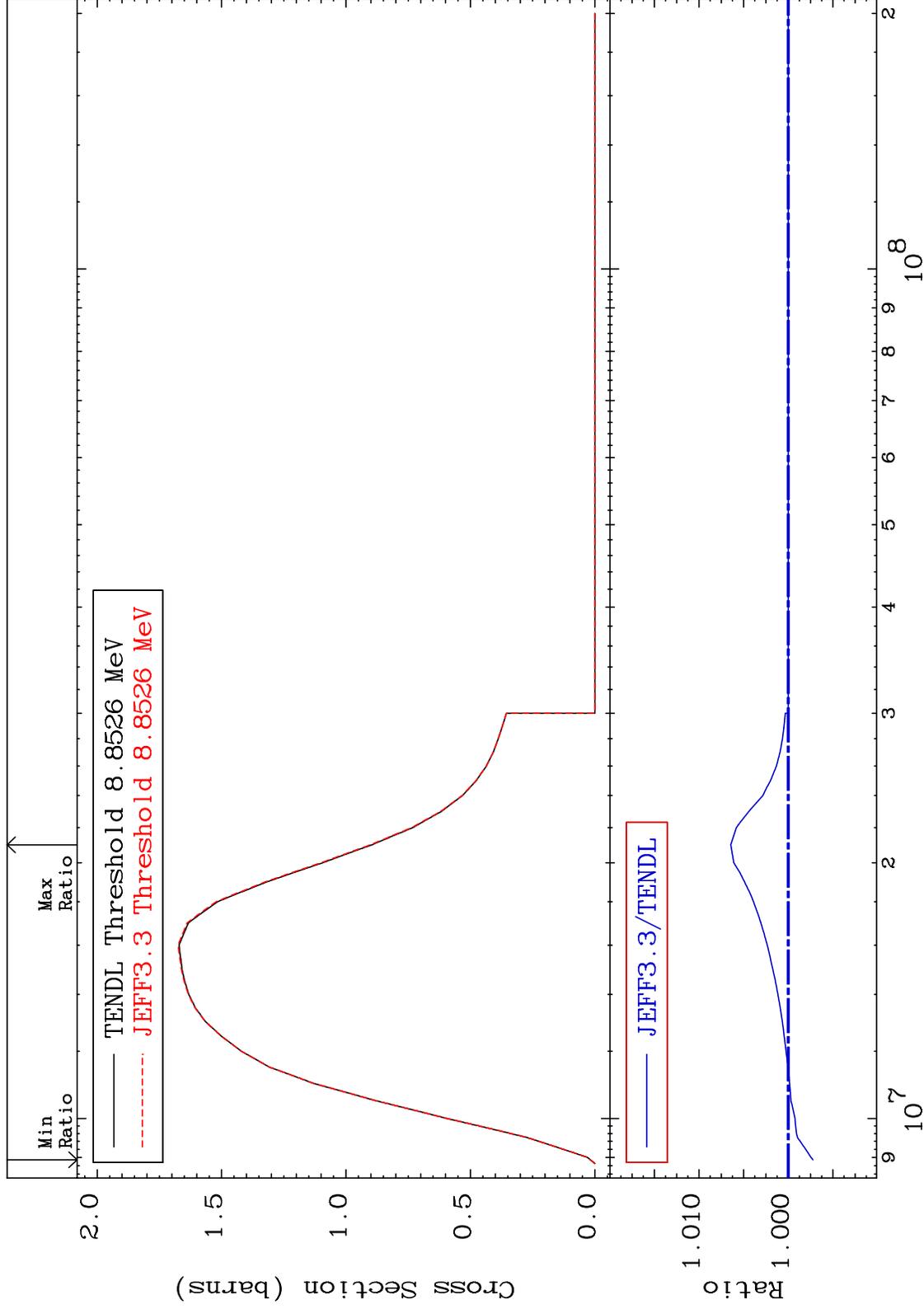
MAT 5249

(n,2n)

52-Te-128

-0.278 To 0.643 %

Cross Section

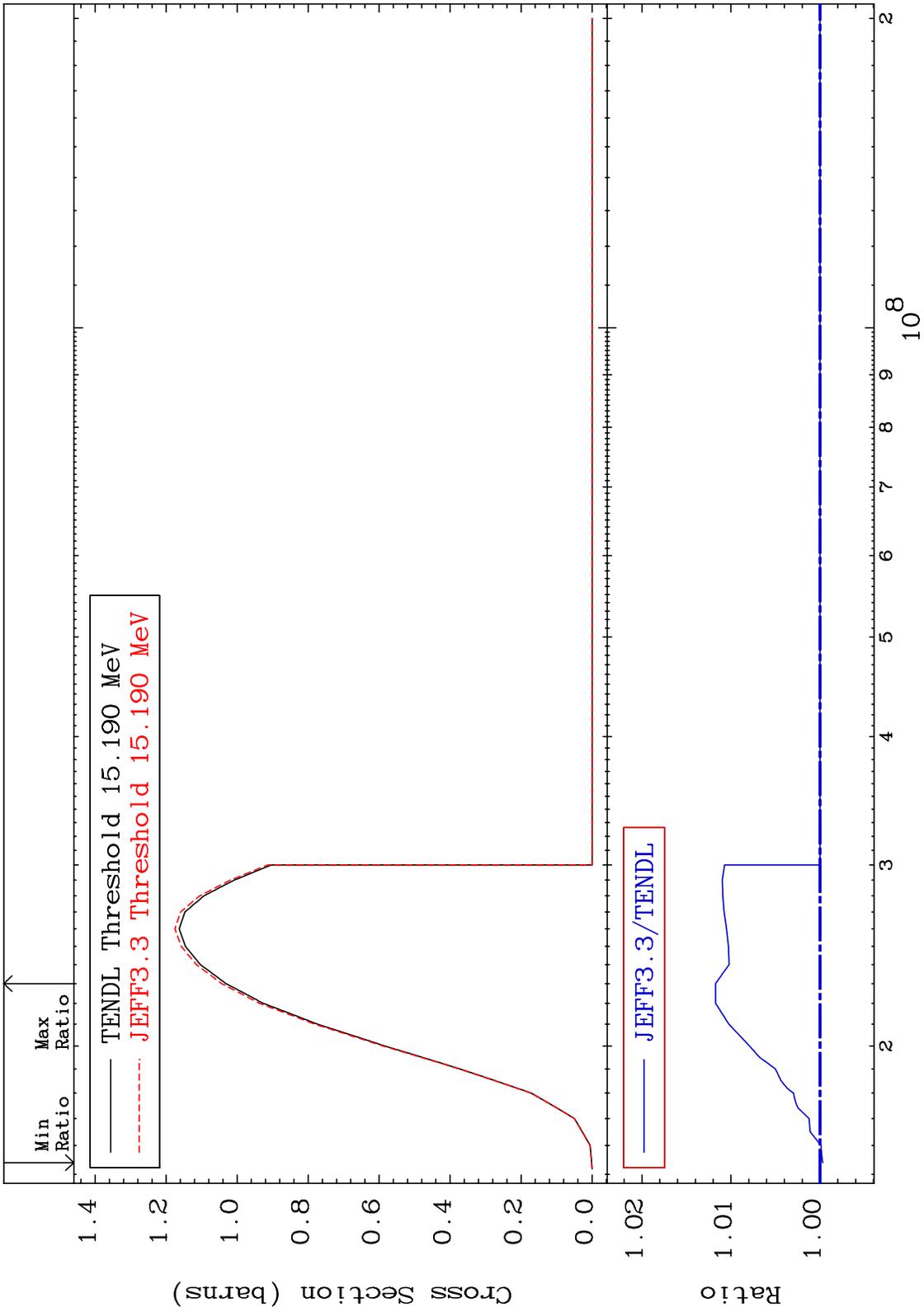


5

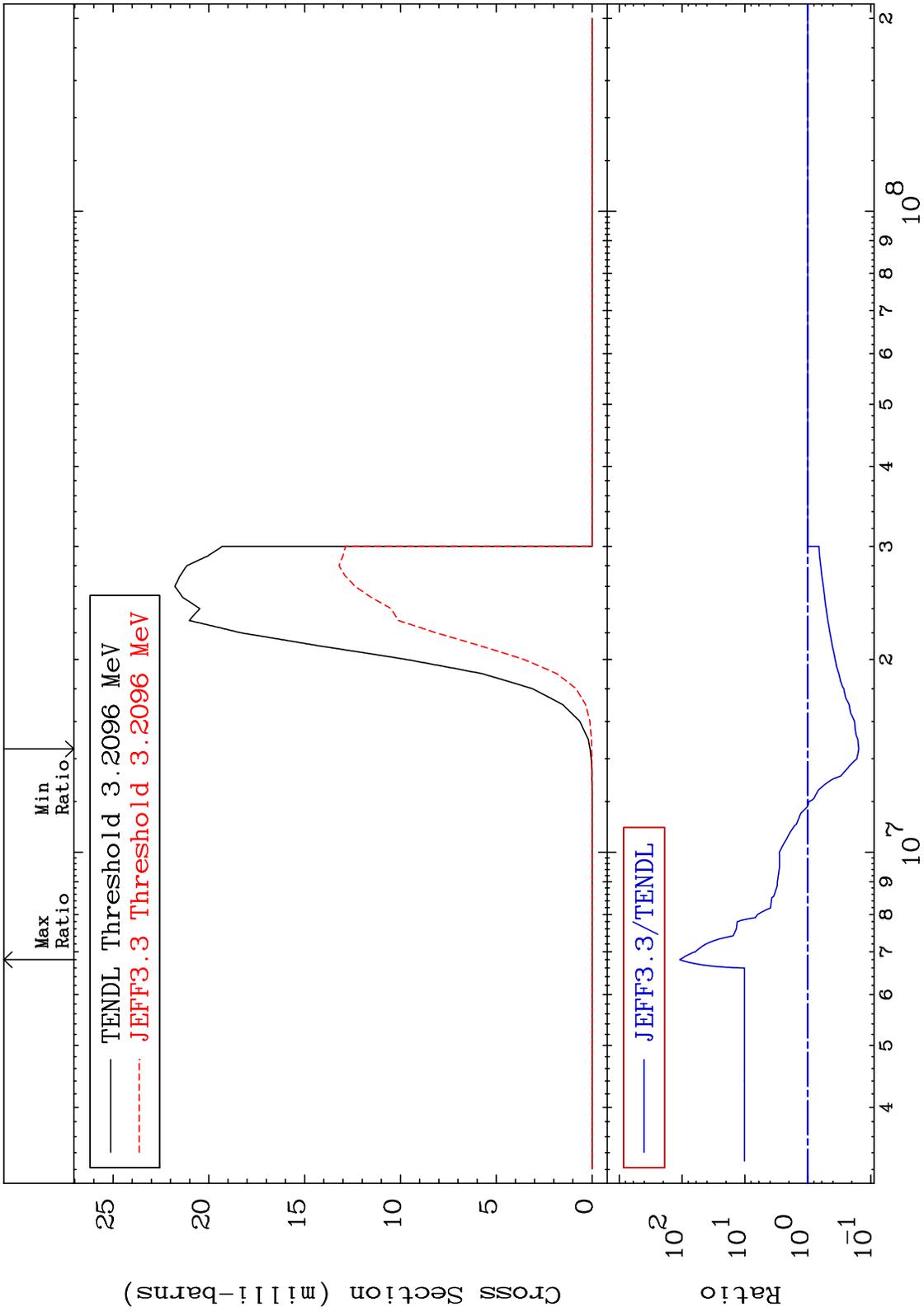
Incident Energy (eV)

52-Te-128

MAT 5249 (n,3n) Cross Section 52-Te-128 -0.033 To 1.173 %

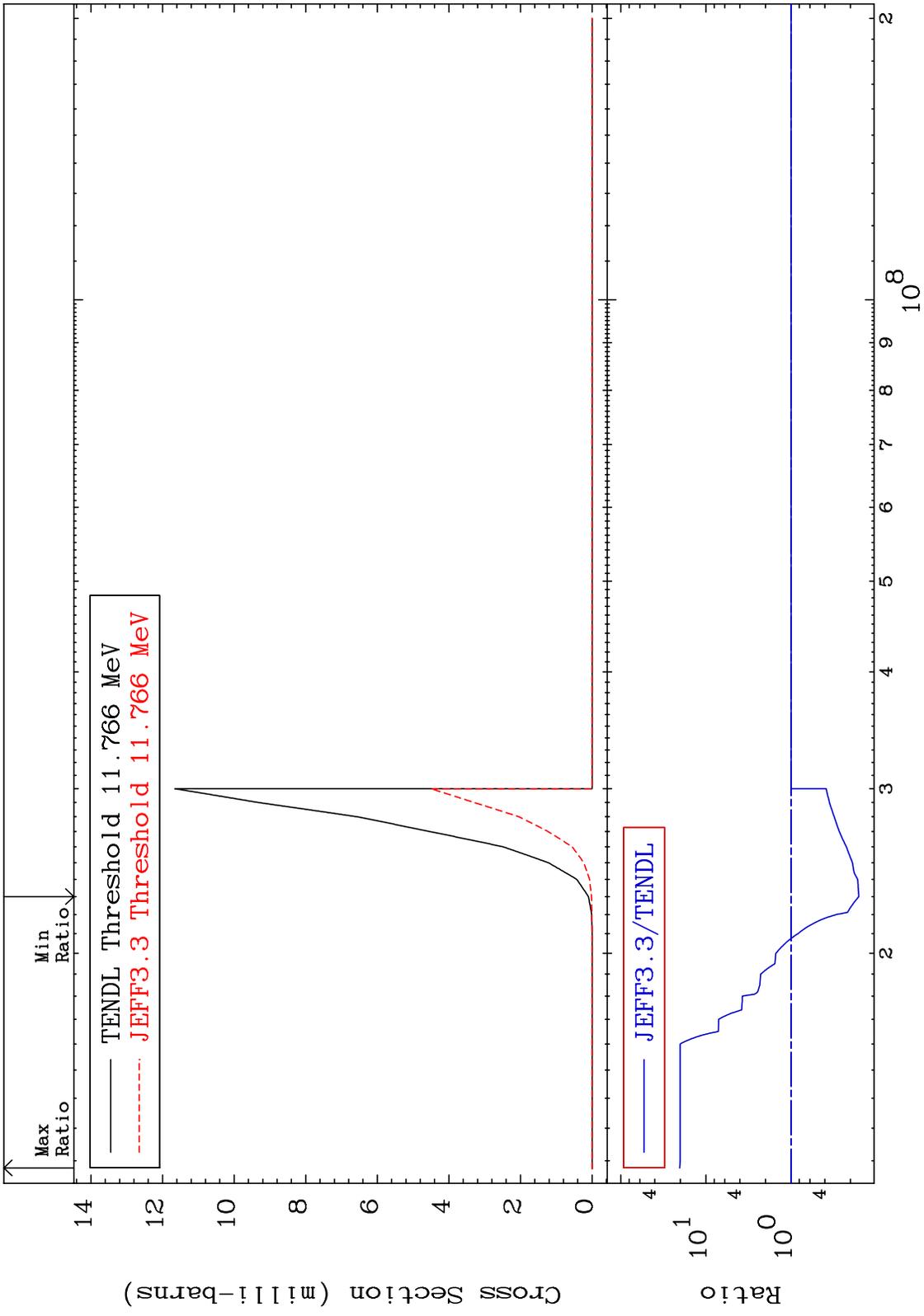


MAT 5249  $(n, n') \alpha$  52-Te-128  
 Cross Section -84.54 To 9999. %

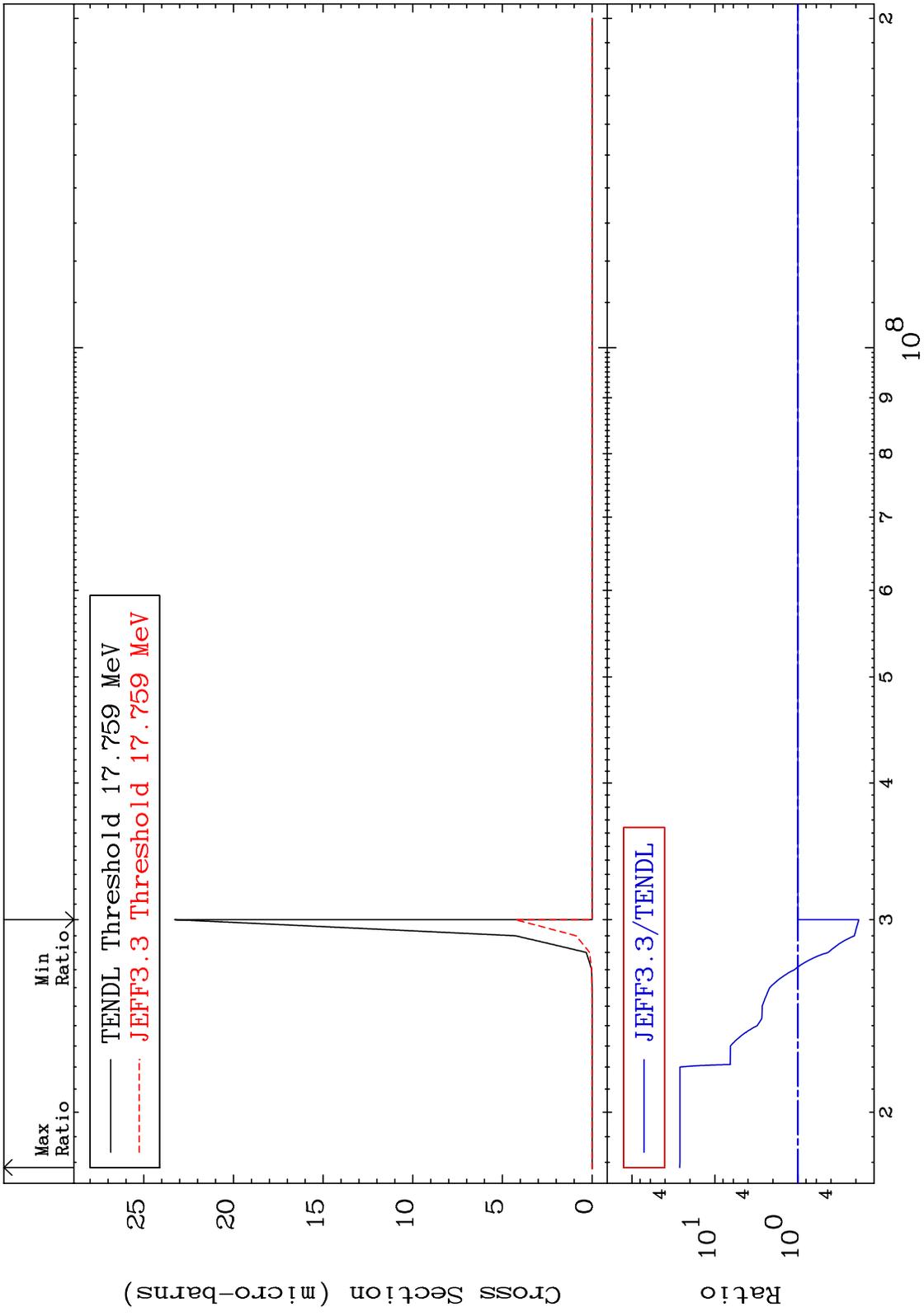


7 Incident Energy (eV) 52-Te-128

MAT 5249 (n,2n)  $\alpha$  52-Te-128  
 Cross Section -84.04 To 1932. %



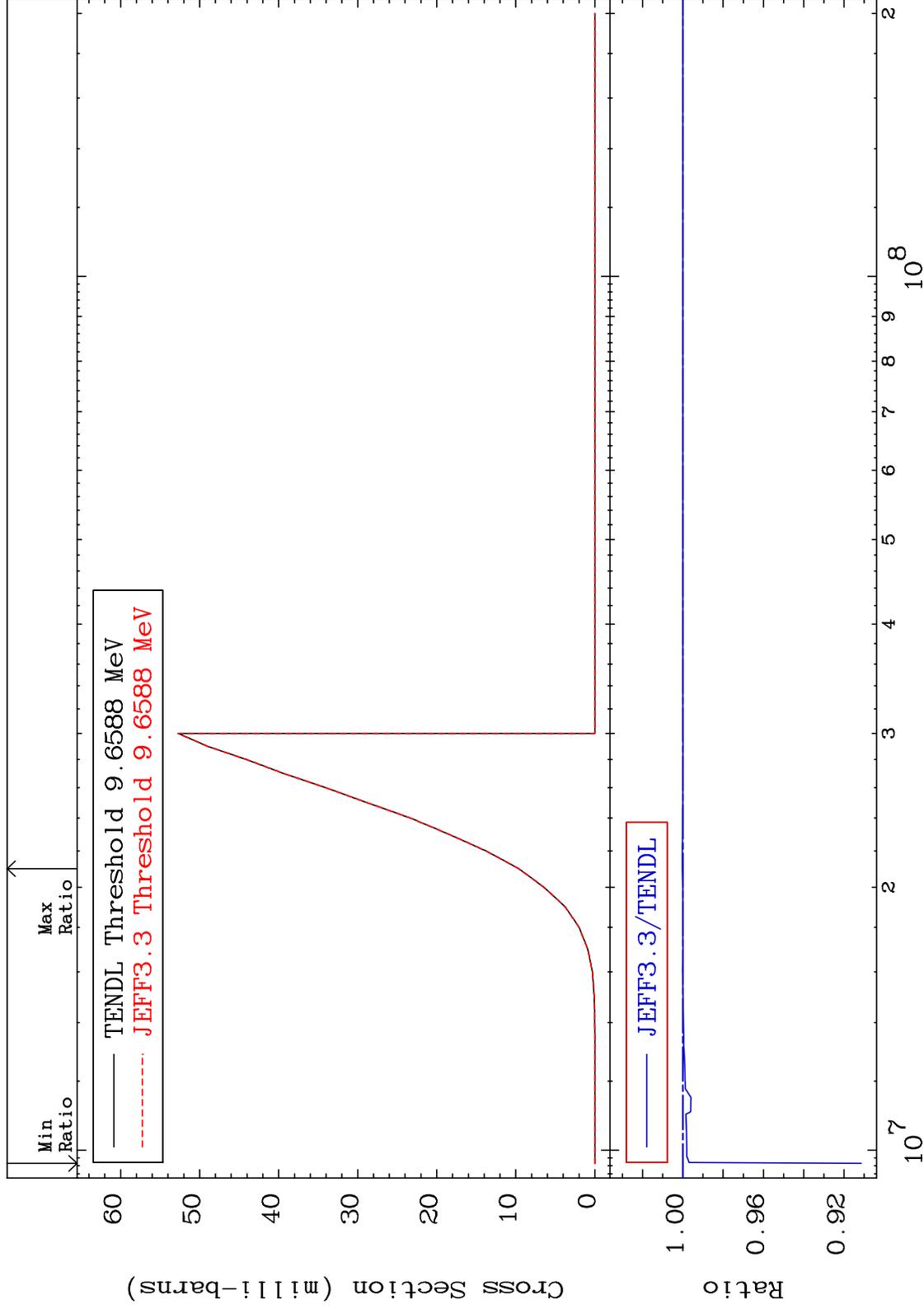
MAT 5249 (n,3n)  $\alpha$  52-Te-128  
 Cross Section -81.55 To 2560. %



MAT 5249

(n, n') p  
Cross Section

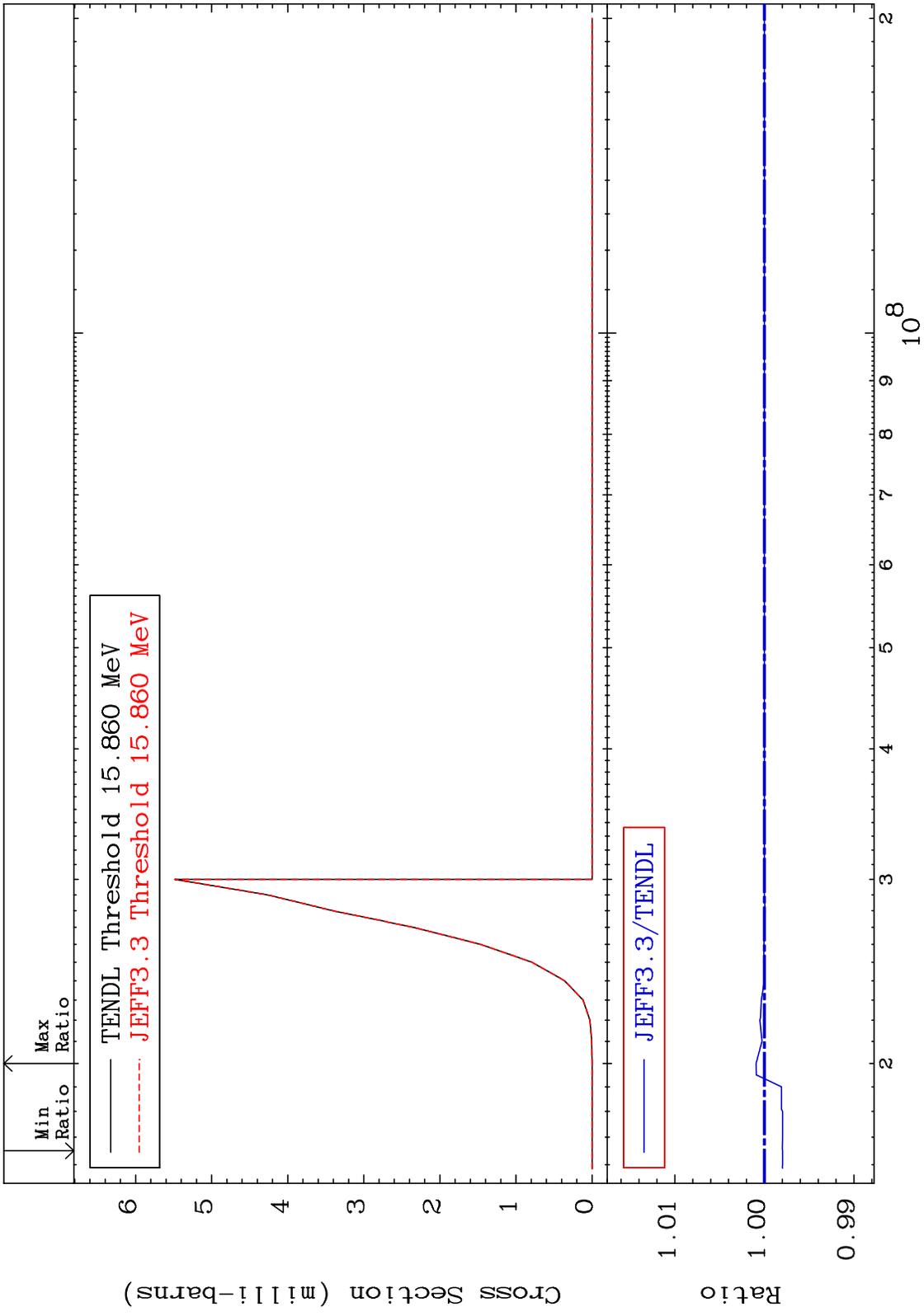
52-Te-128  
-8.859 To 0.021 %



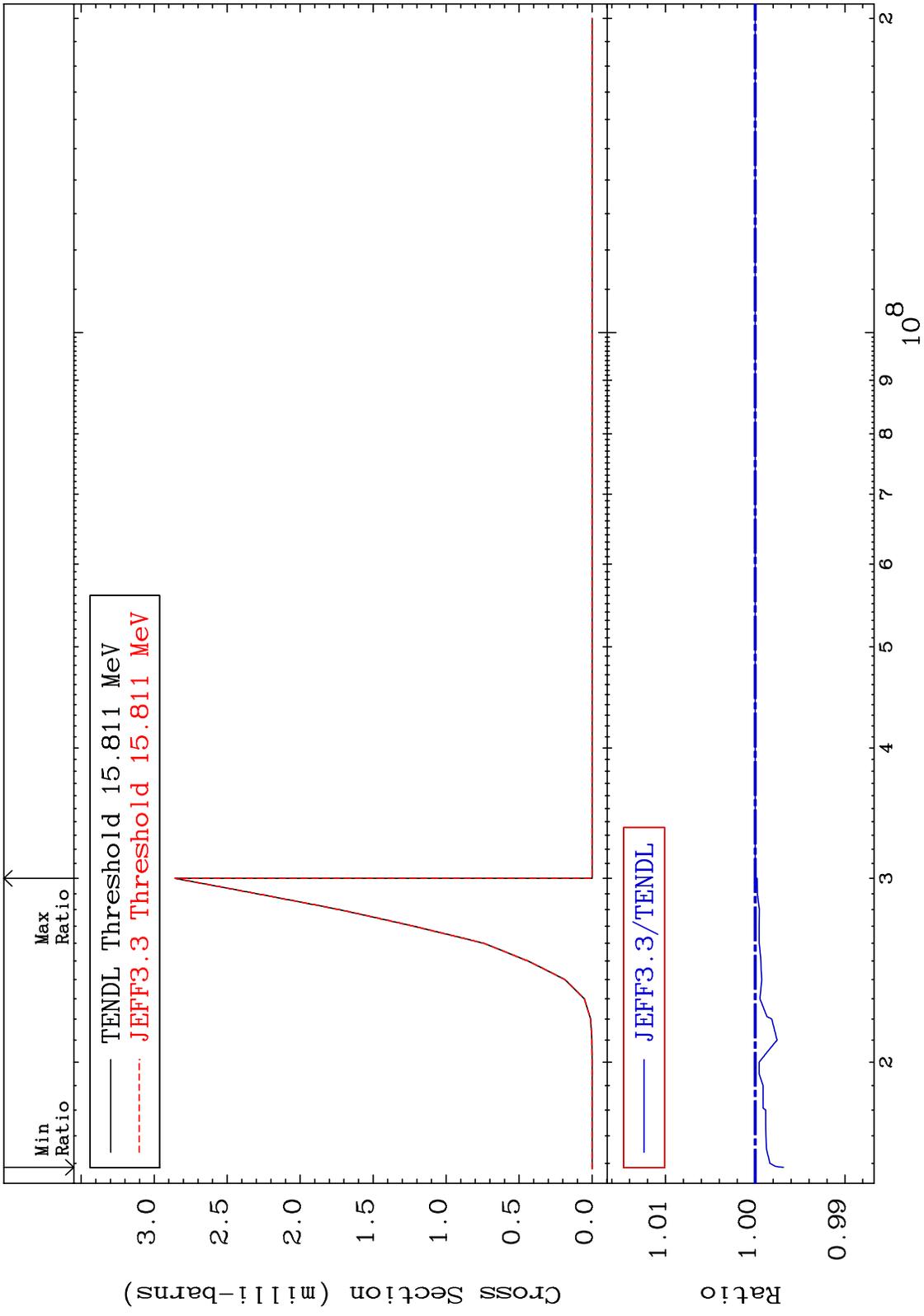
Incident Energy (eV)

52-Te-128

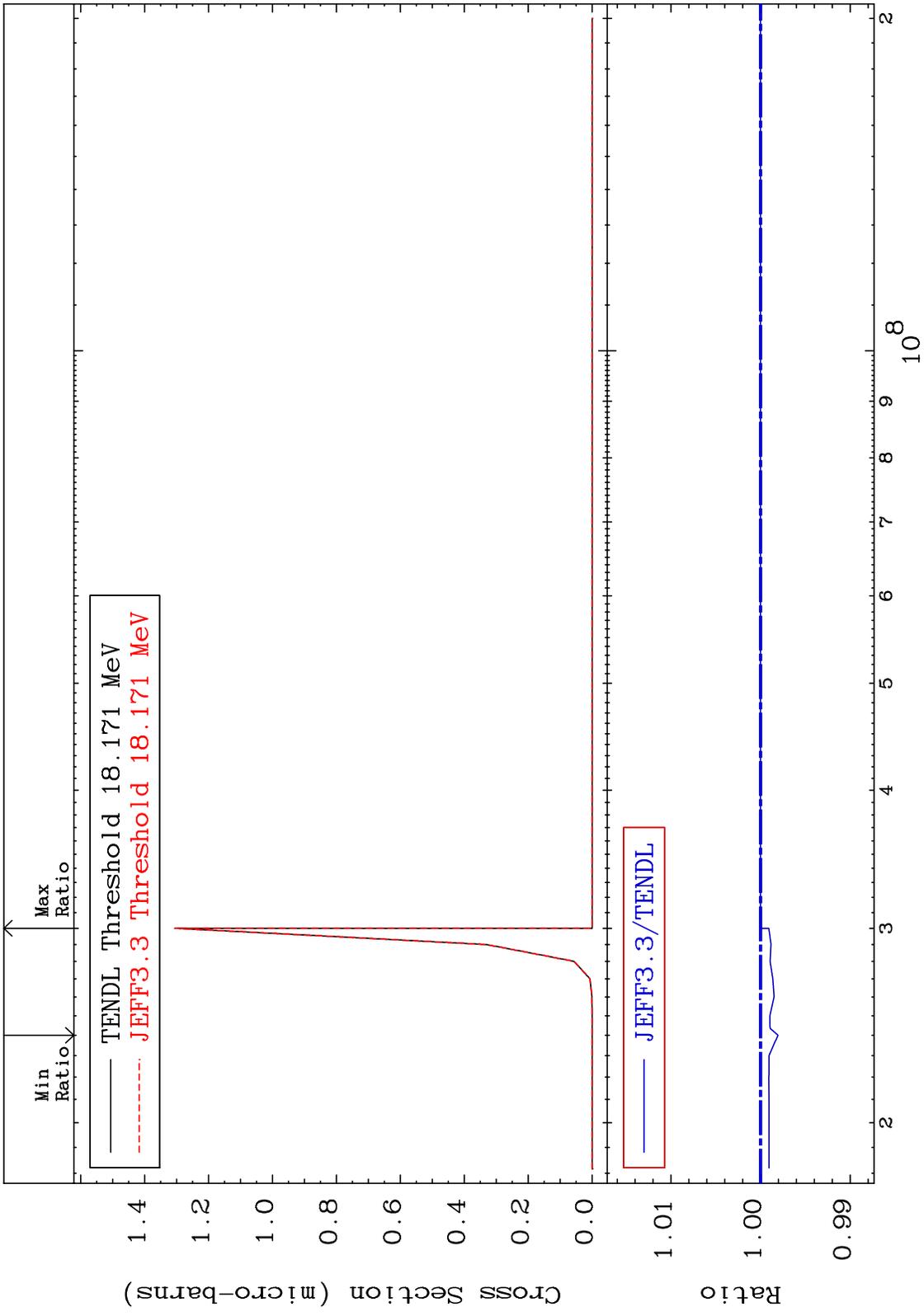
MAT 5249 (n, n') d 52-Te-128  
 Cross Section -0.202 To 0.093 %



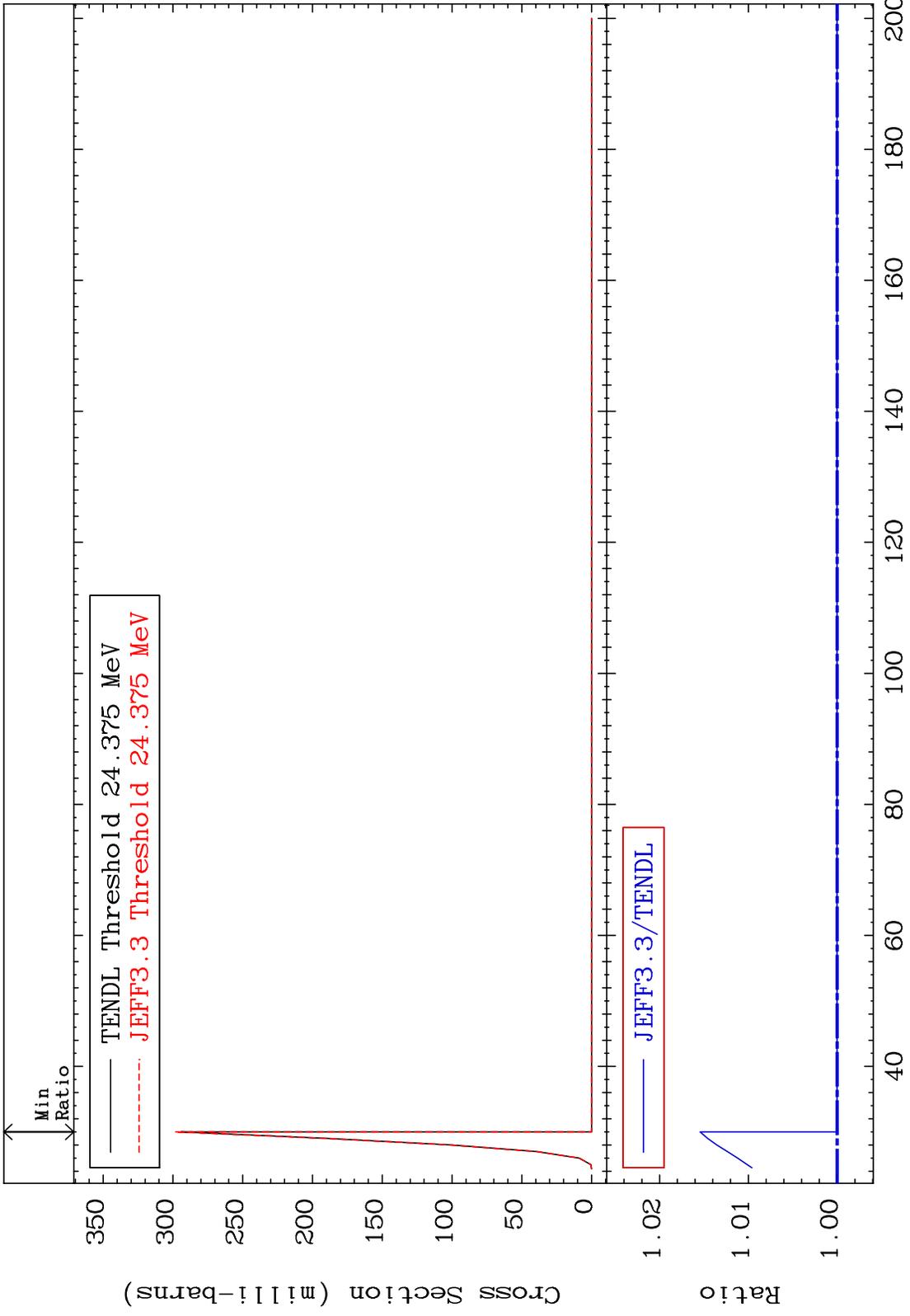
MAT 5249 (n,n') t 52-Te-128  
 Cross Section -0.314 To 0.000 %



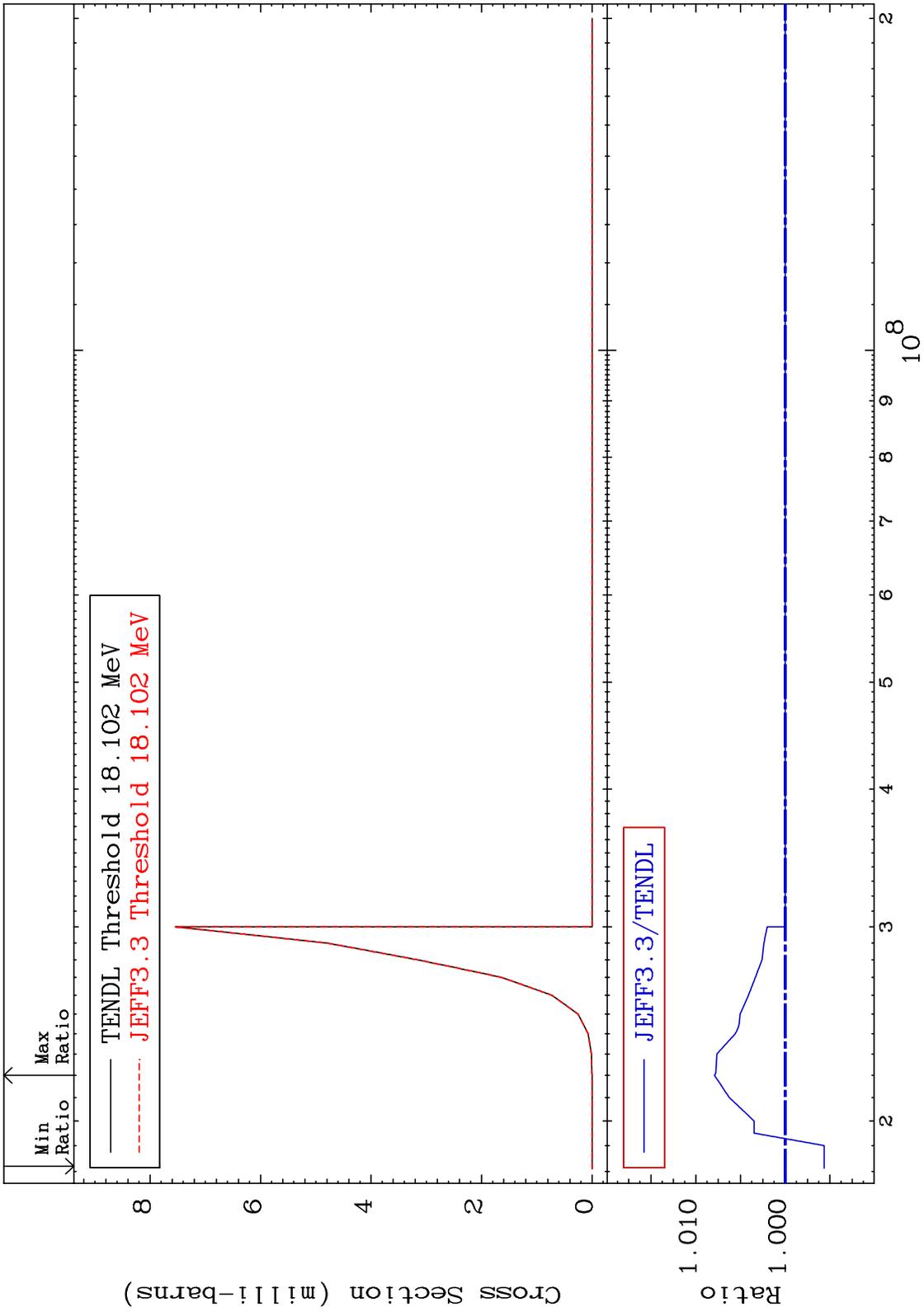
MAT 5249 (n, n') He-3 52-Te-128  
 Cross Section -0.194 To 0.000 %



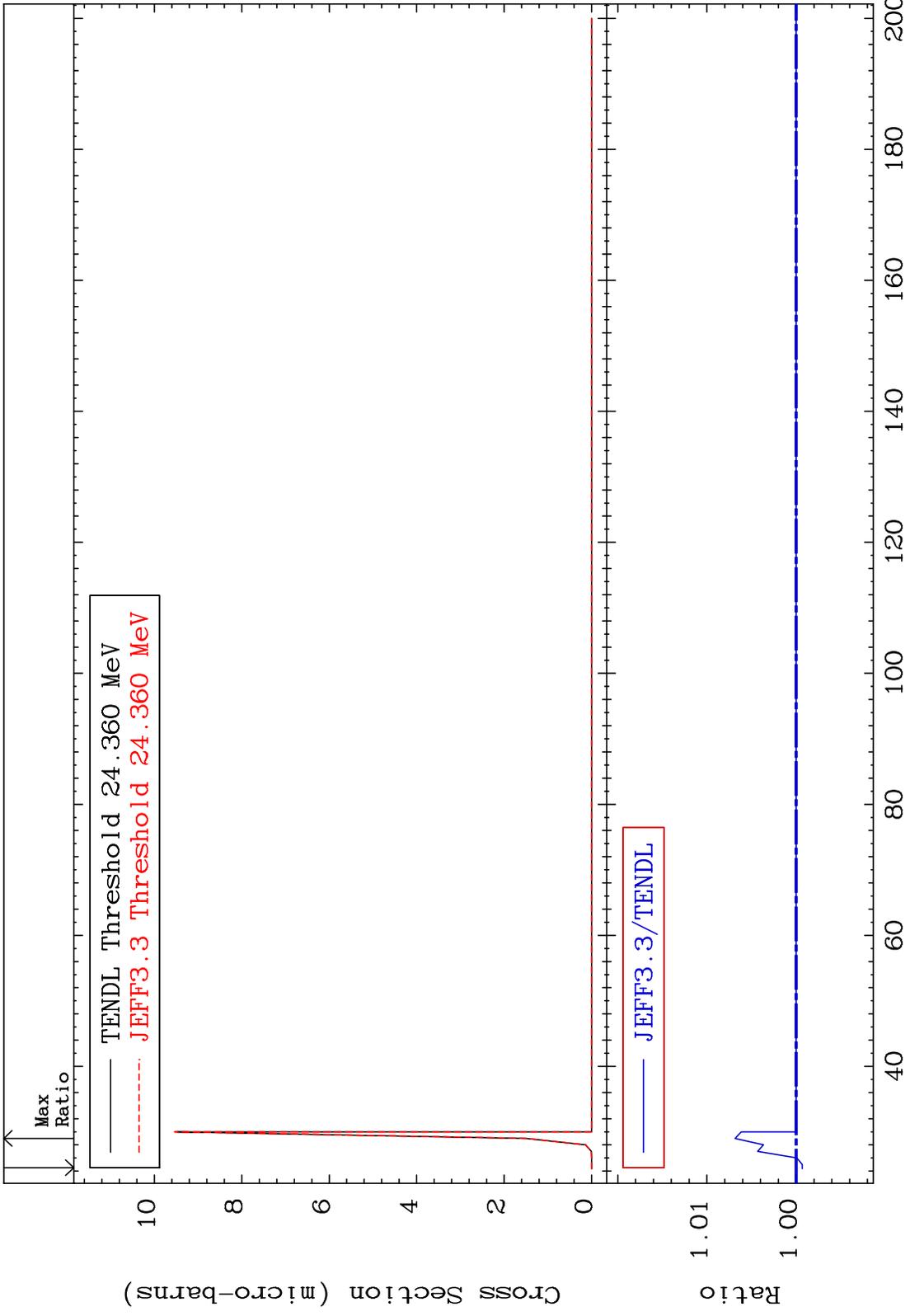
MAT 5249 (n,4n) Cross Section 52-Te-128 To 1.543 %



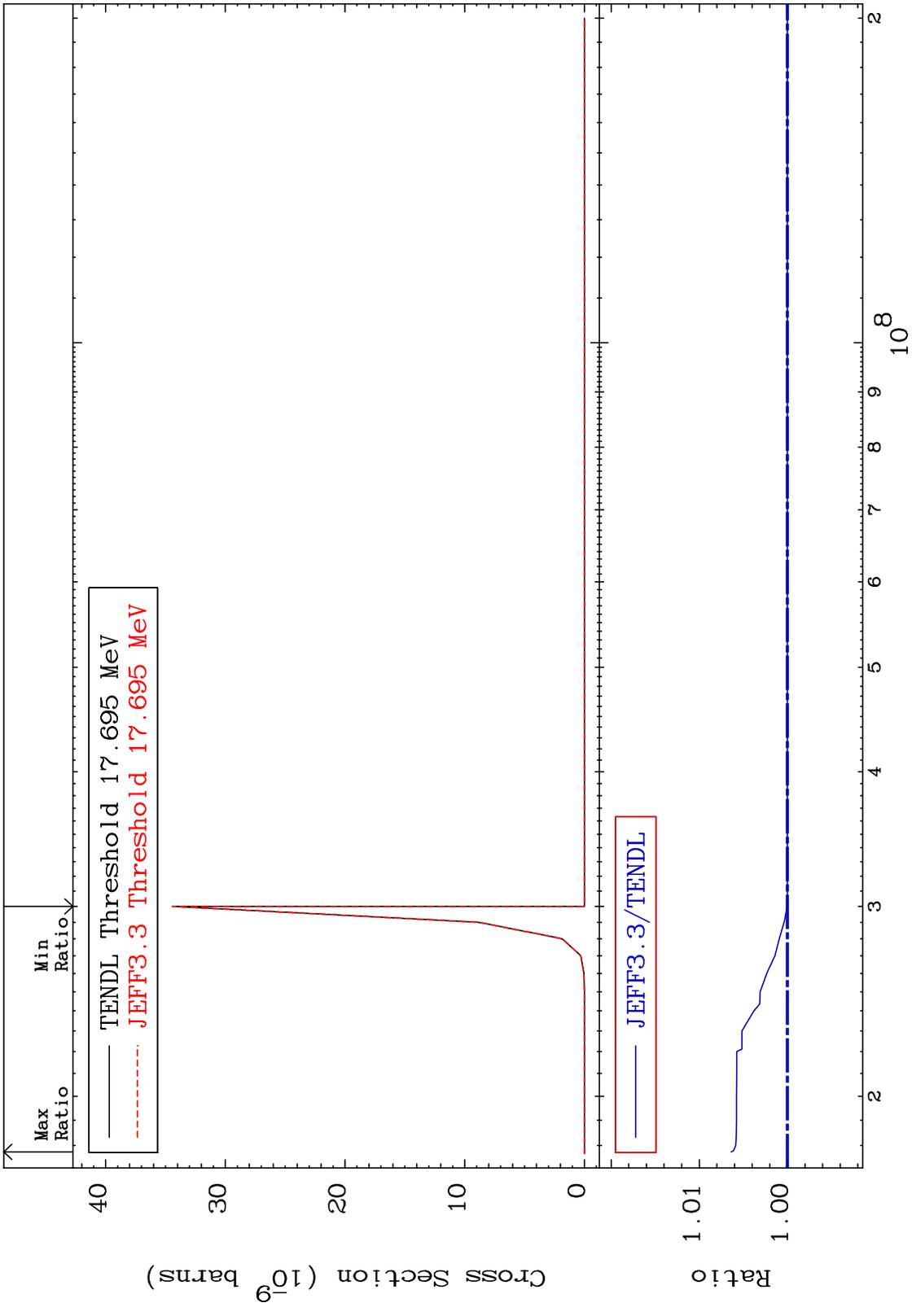
MAT 5249 (n,2n) p 52-Te-128  
 Cross Section -0.436 To 0.791 %



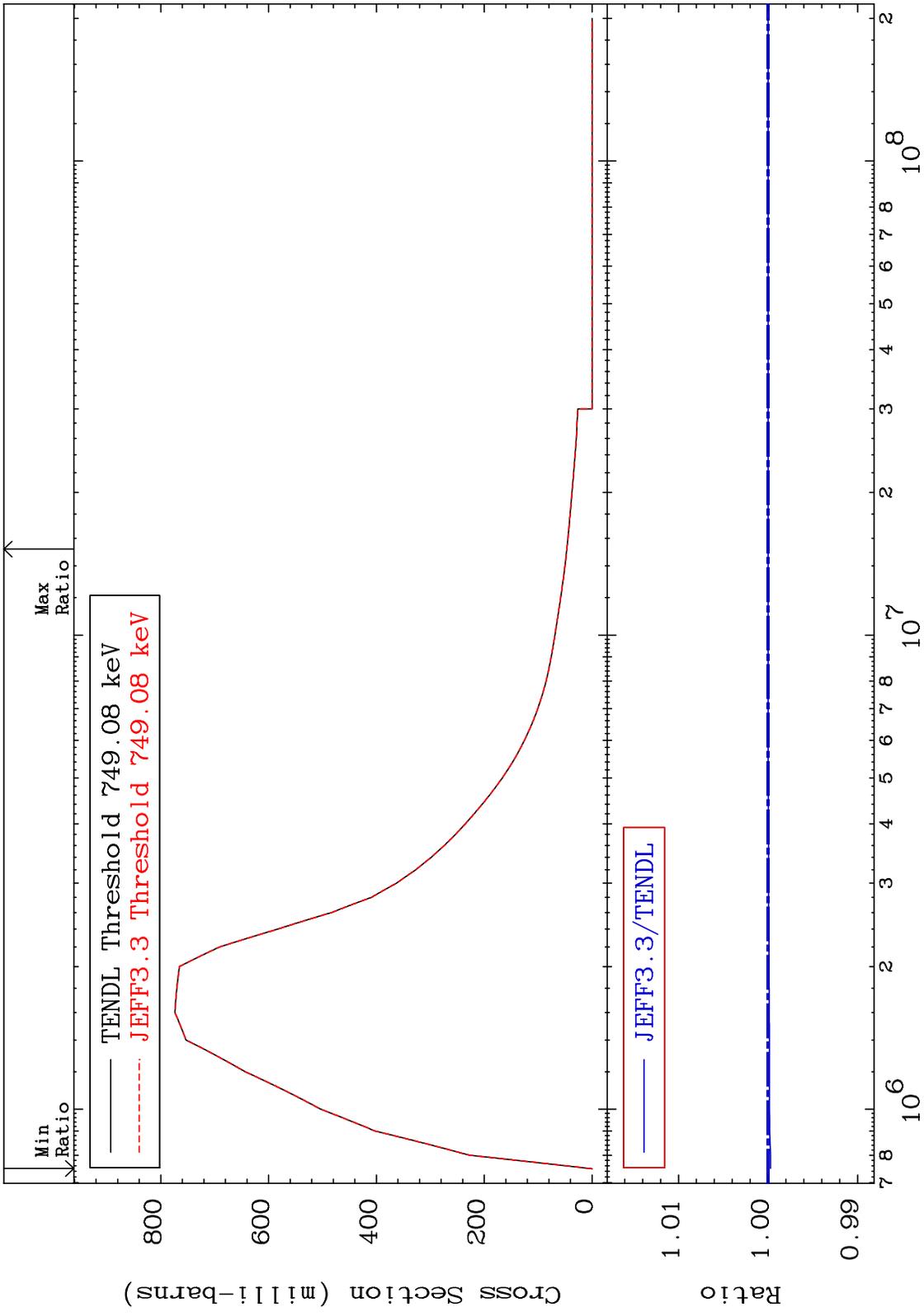
MAT 5249 (n,3n) p 52-Te-128  
Cross Section -0.067 To 0.685 %



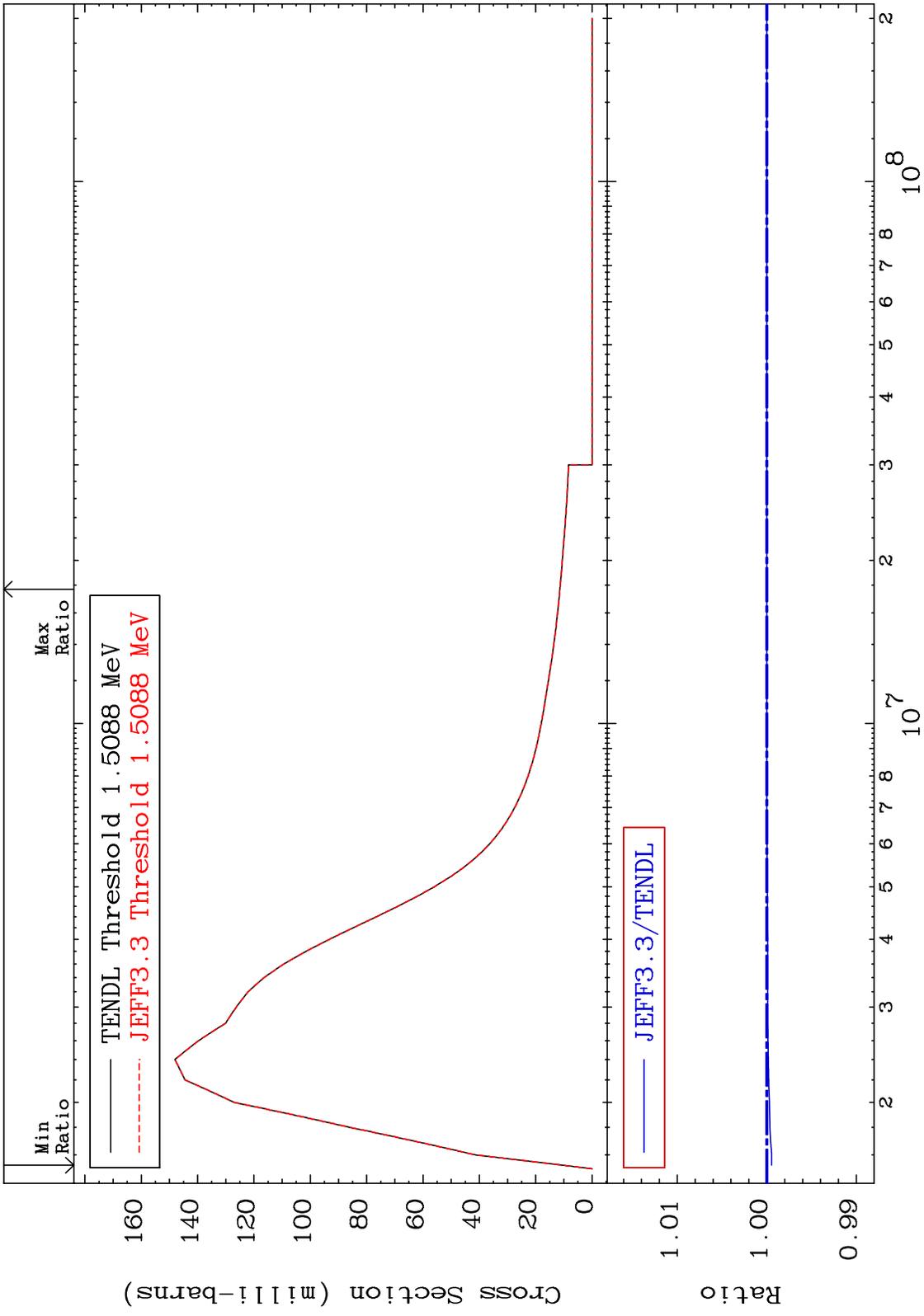
MAT 5249 (n,2n) p 52-Te-128  
 Cross Section 0.000 To 0.637 %



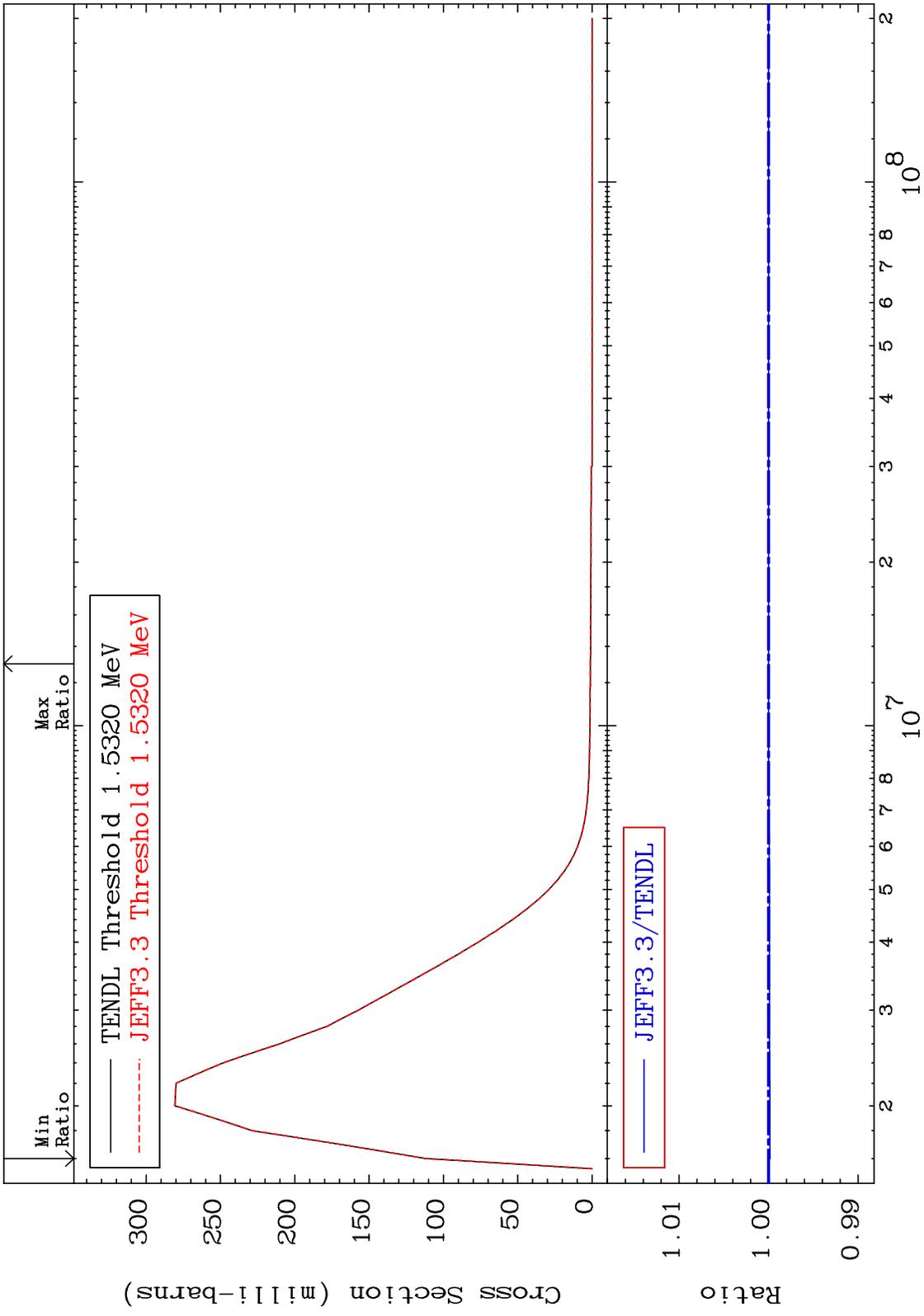
MAT 5249 MT= 51 (n,n') Level Cross Section 52-Te-128 -0.028 To 0.000 %



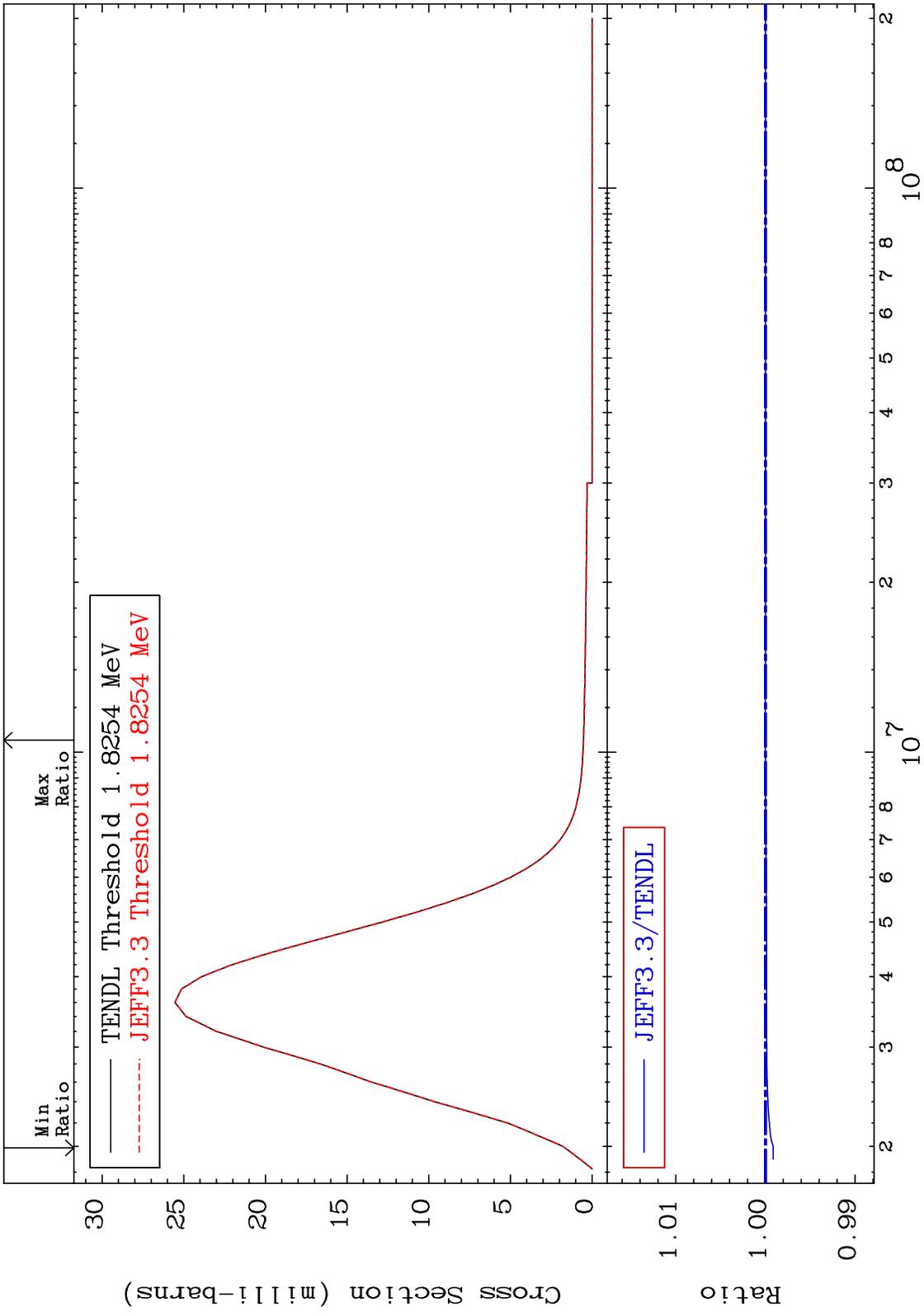
MAT 5249 MT= 52 (n,n') Level Cross Section 52-Te-128 -0.055 To 0.000 %



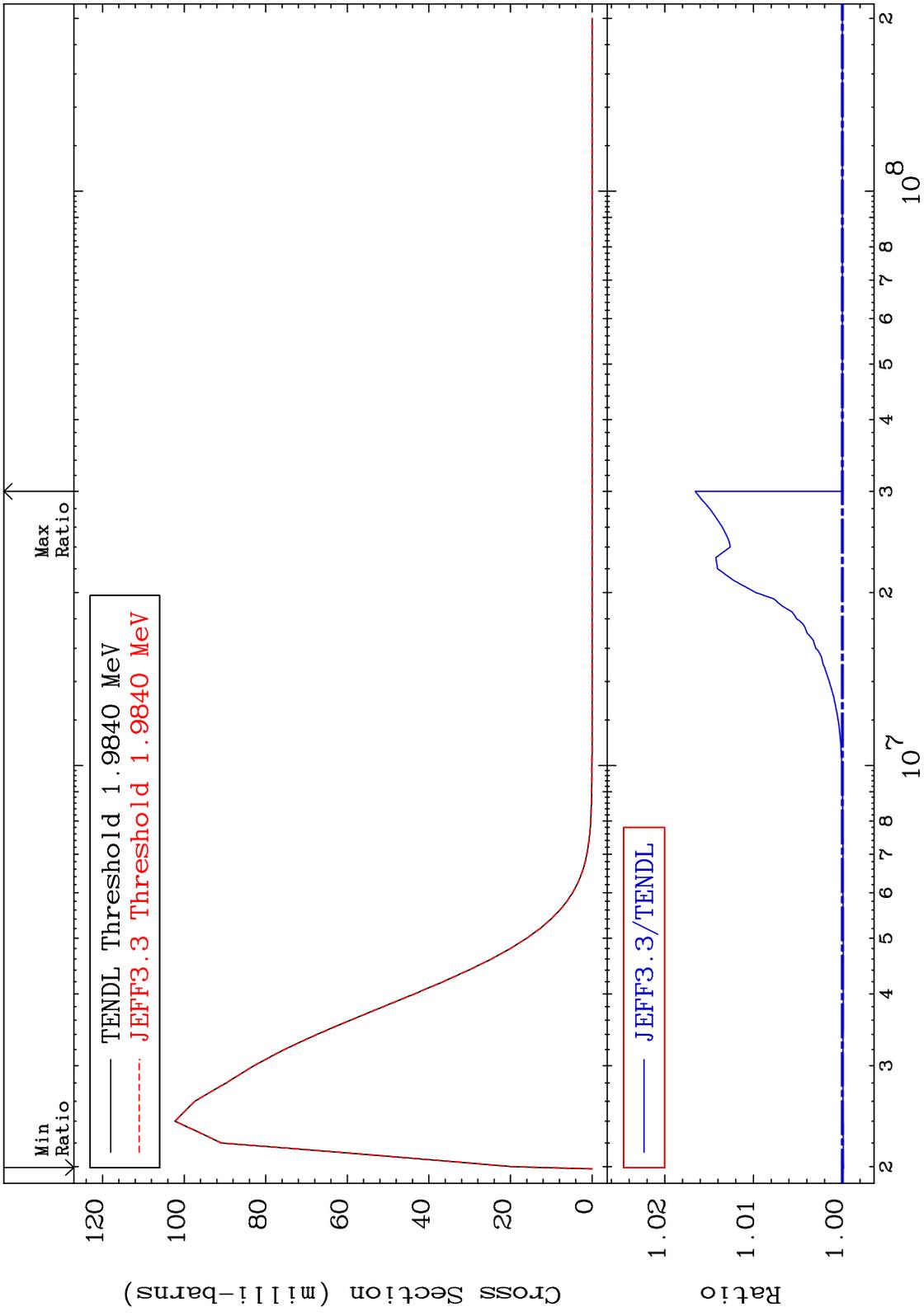
MAT 5249      MT= 53 (n,n') Level Cross Section      52-Te-128  
 -0.016 To 0.000 %



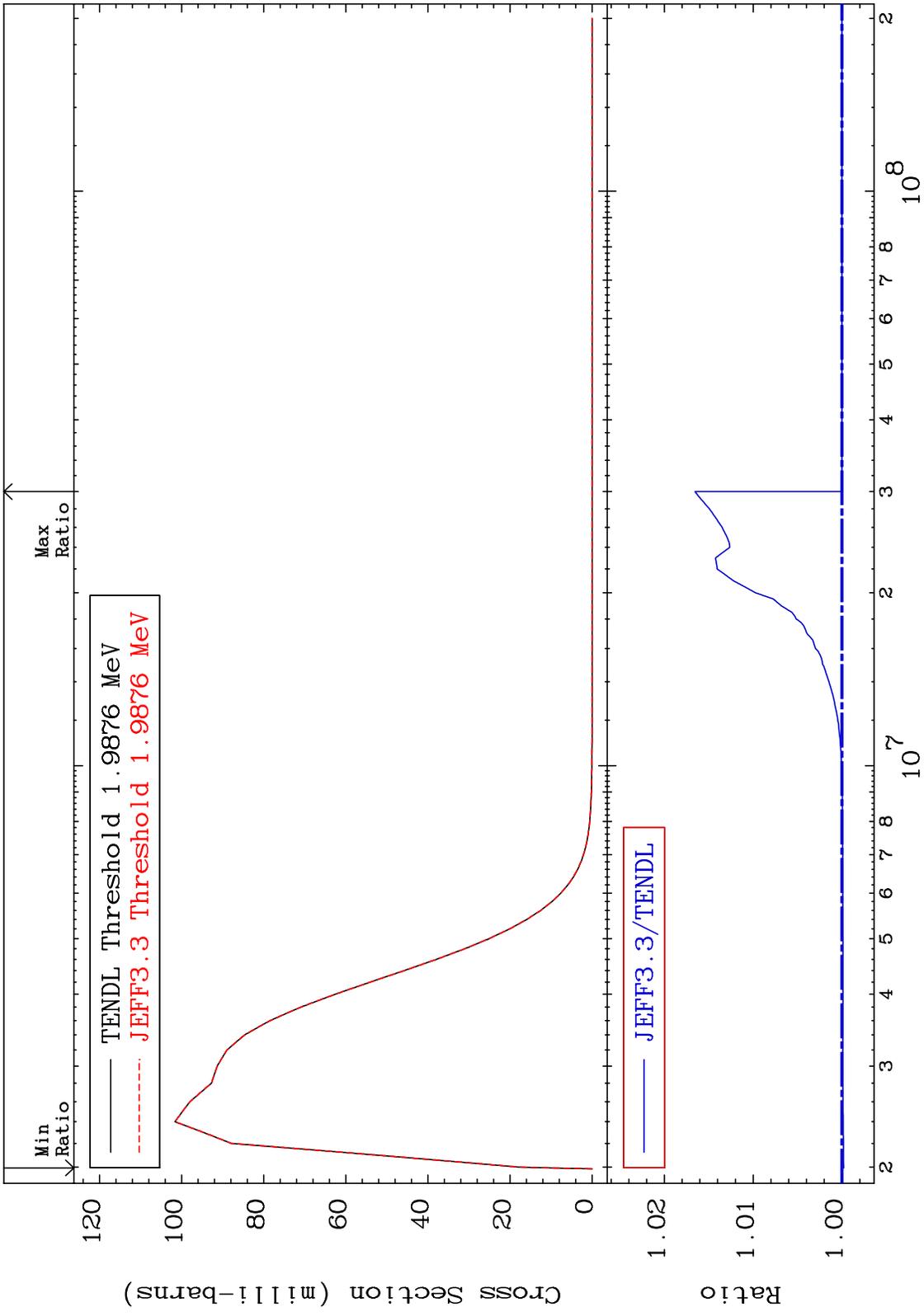
MAT 5249 MT= 54 (n,n') Level Cross Section 52-Te-128  
 -0.087 To 0.000 %



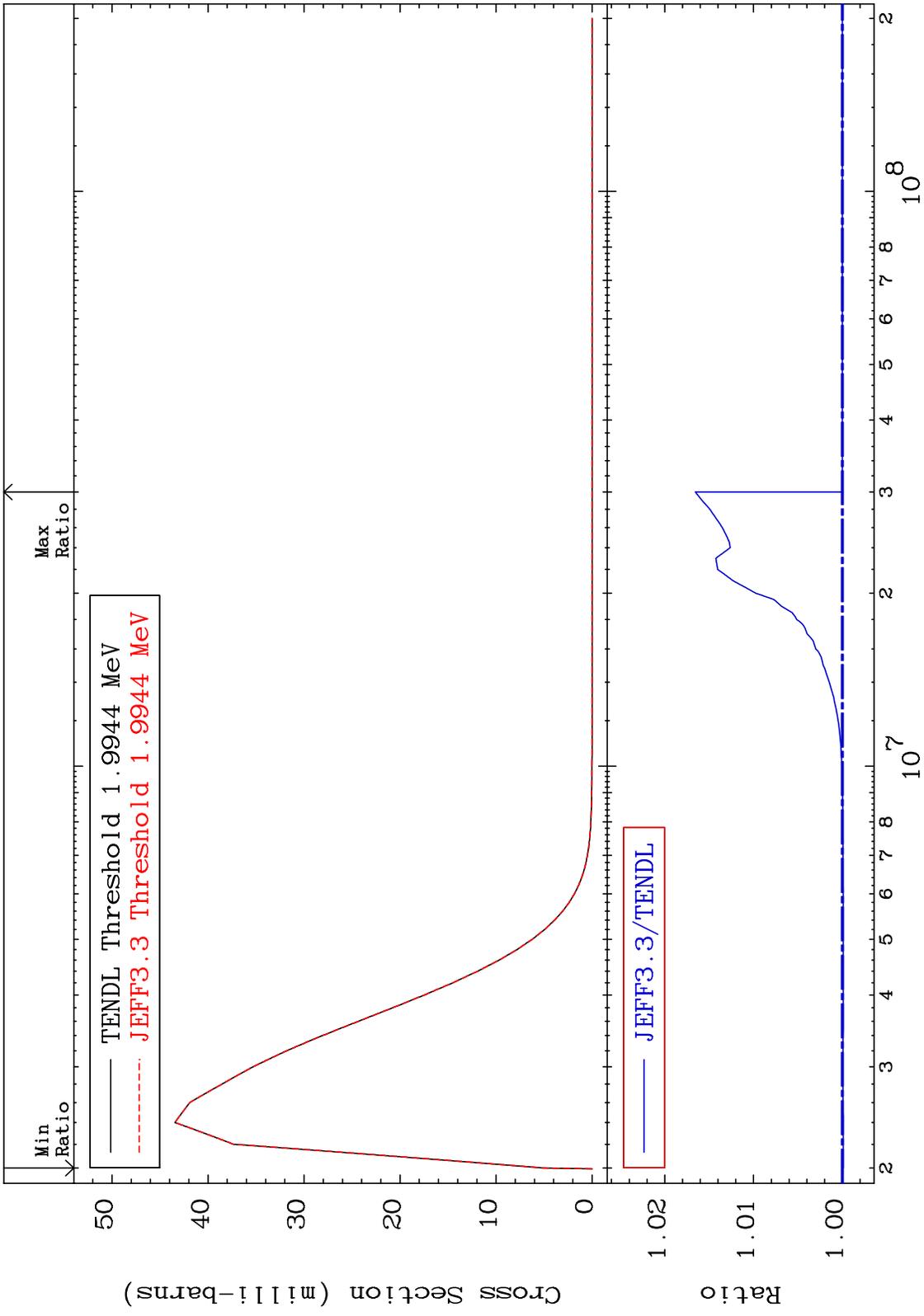
MAT 5249 MT= 55 (n,n') Level Cross Section 52-Te-128  
 -0.012 To 1.657 %



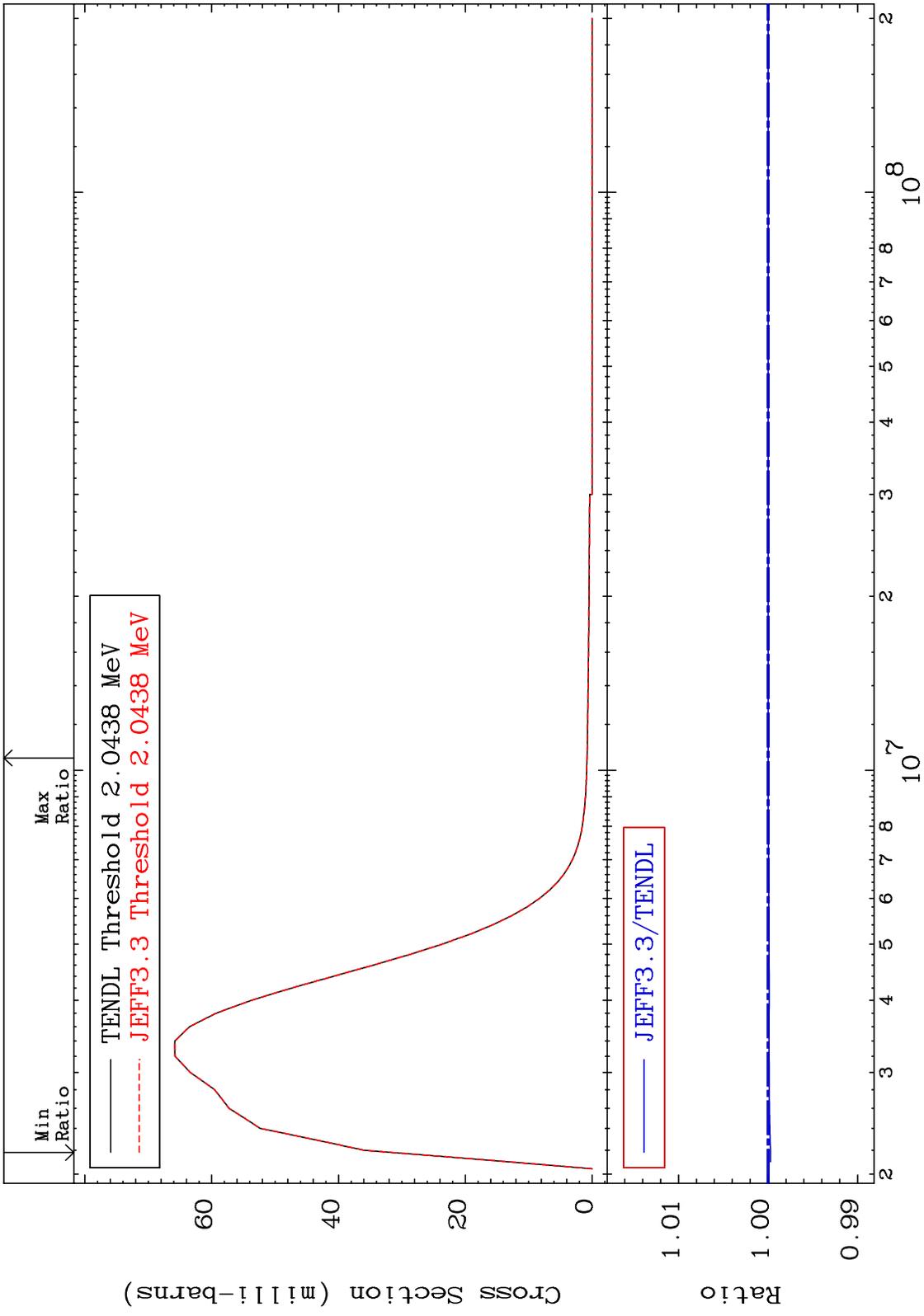
MAT 5249 MT= 56 (n,n') Level Cross Section 52-Te-128  
 -0.019 To 1.656 %



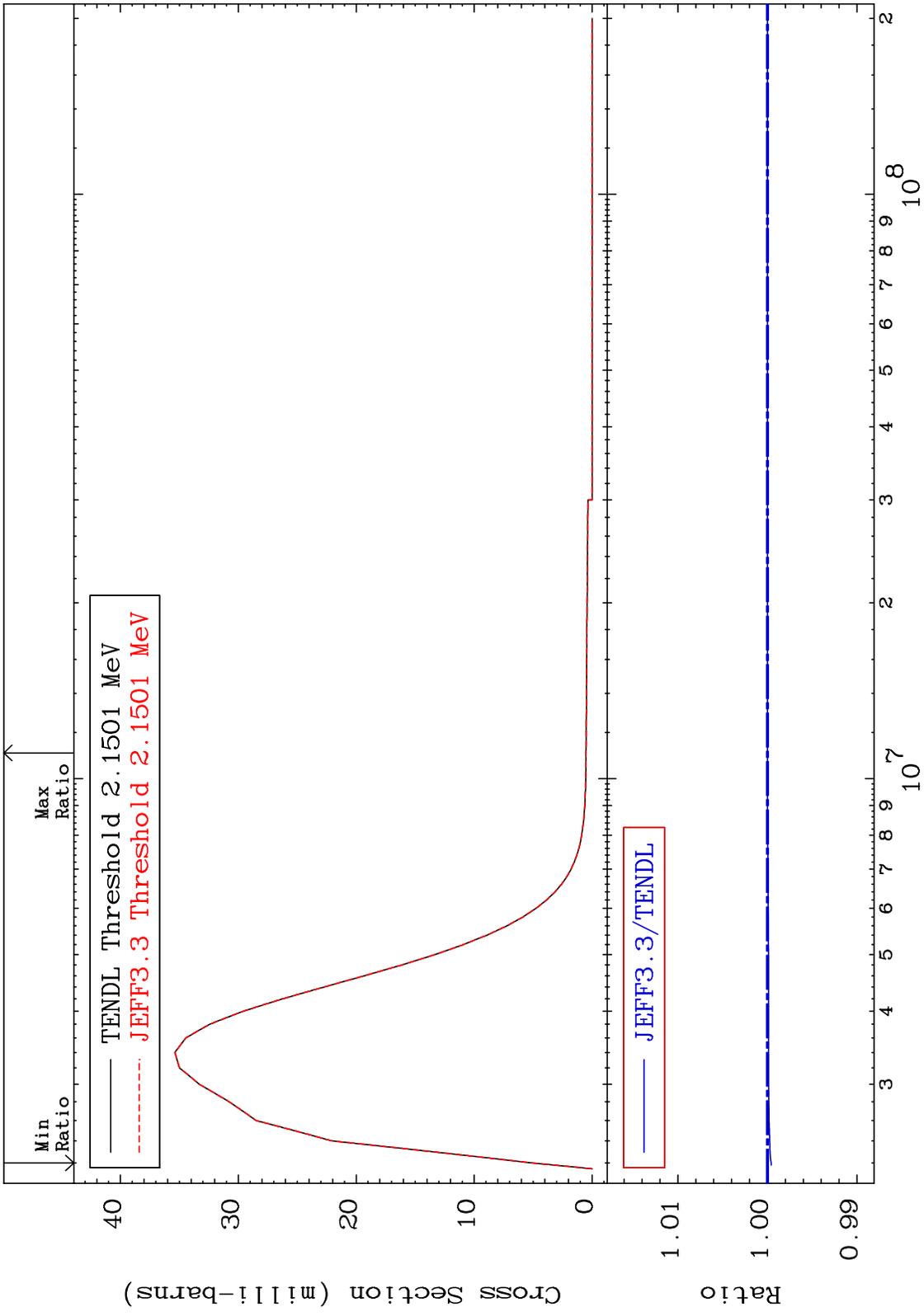
MAT 5249 MT= 57 (n,n') Level Cross Section 52-Te-128  
 -0.011 To 1.657 %



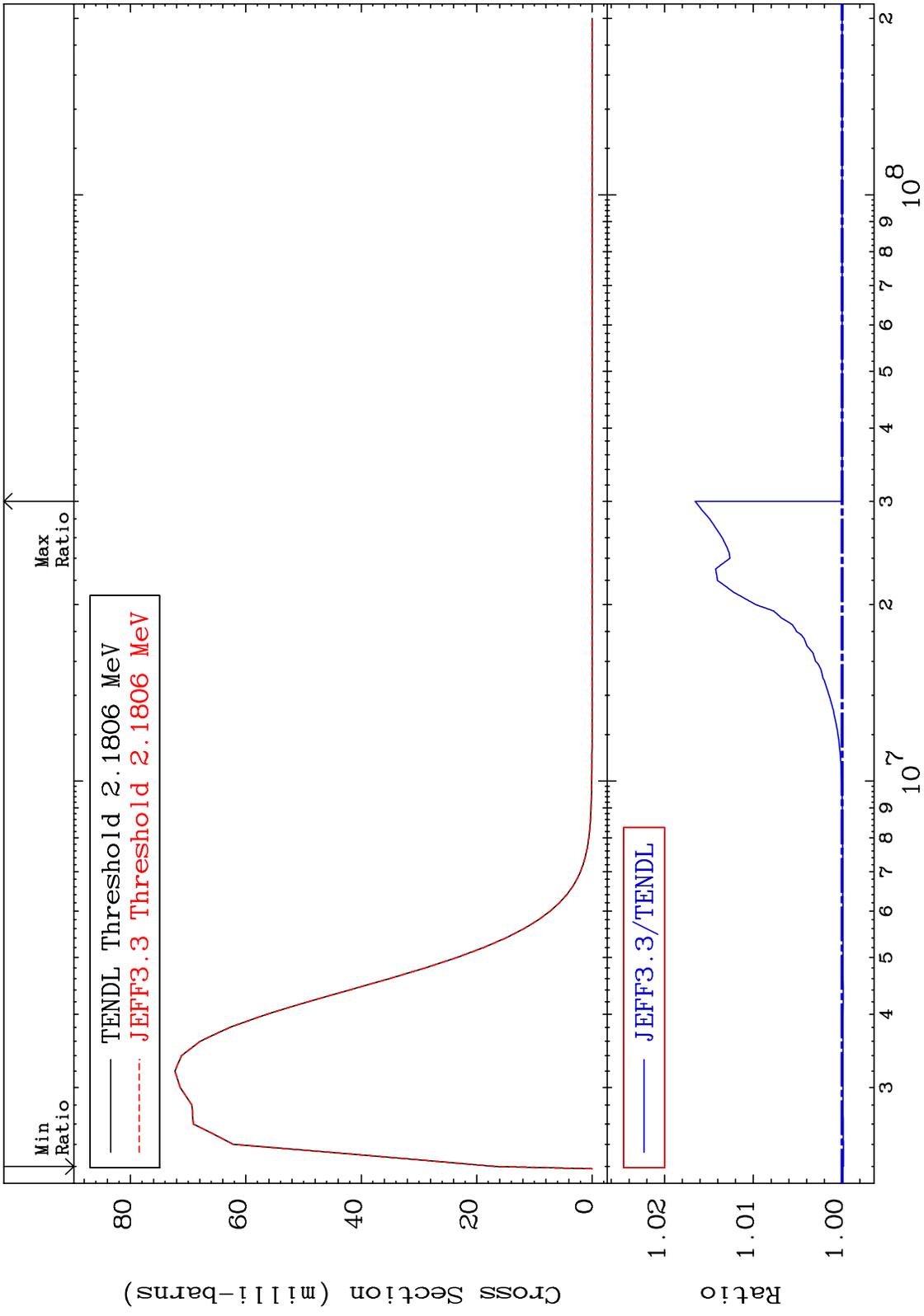
MAT 5249 MT= 58 (n,n') Level Cross Section 52-Te-128  
 -0.027 To 0.000 %



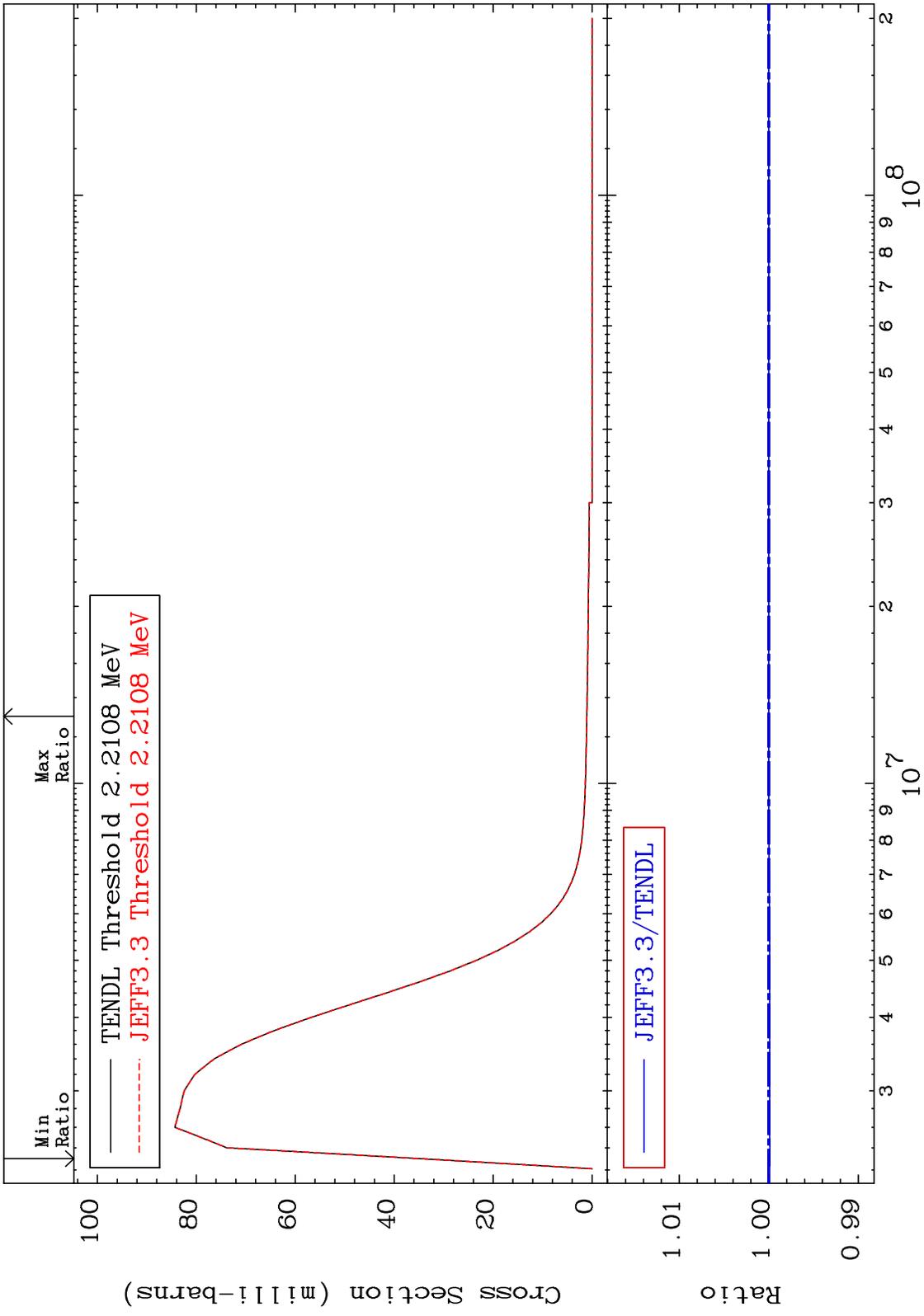
MAT 5249 MT= 59 (n,n') Level Cross Section 52-Te-128  
 -0.042 To 0.000 %



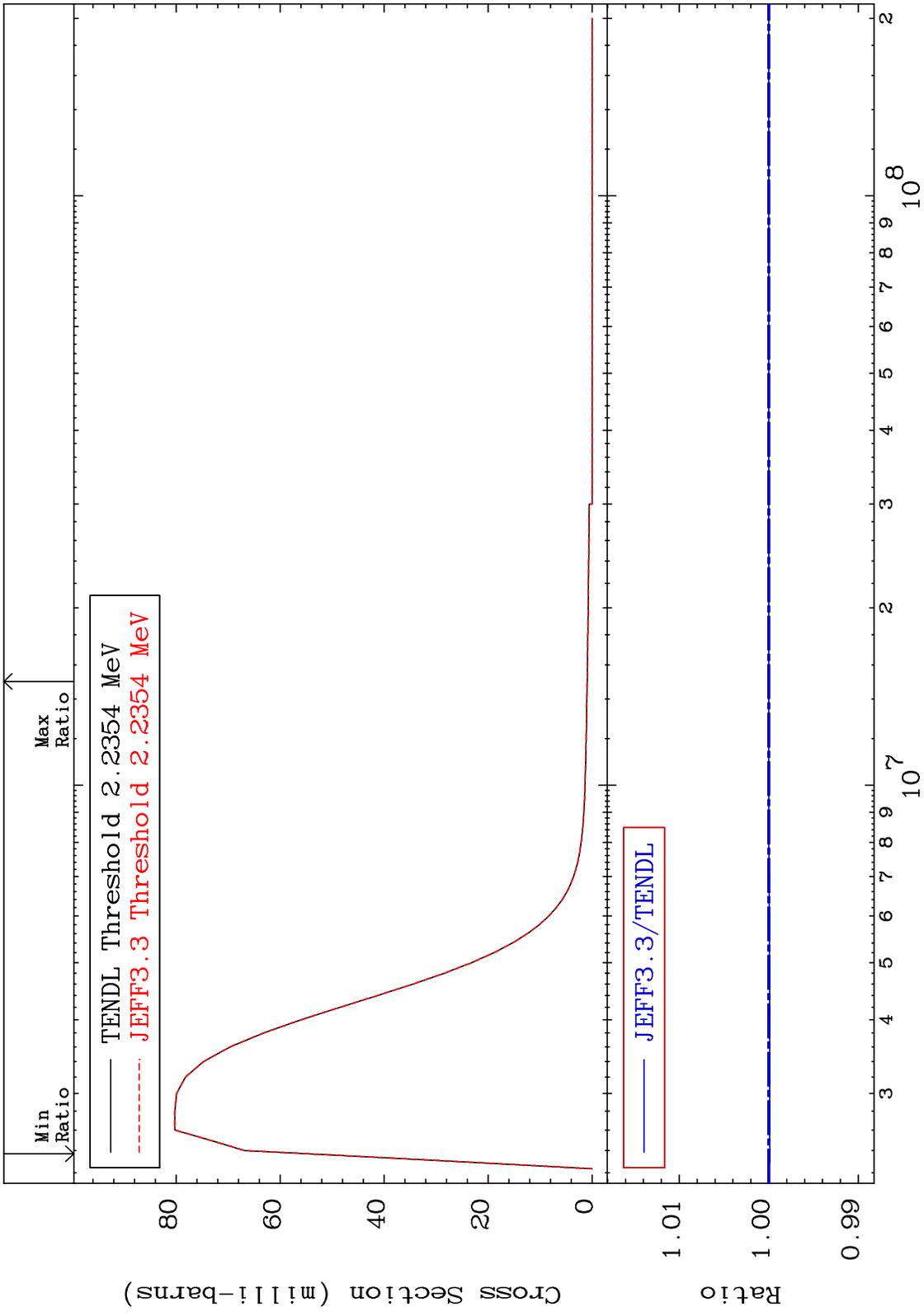
MAT 5249 MT= 60 (n,n') Level Cross Section 52-Te-128 -0.016 To 1.657 %



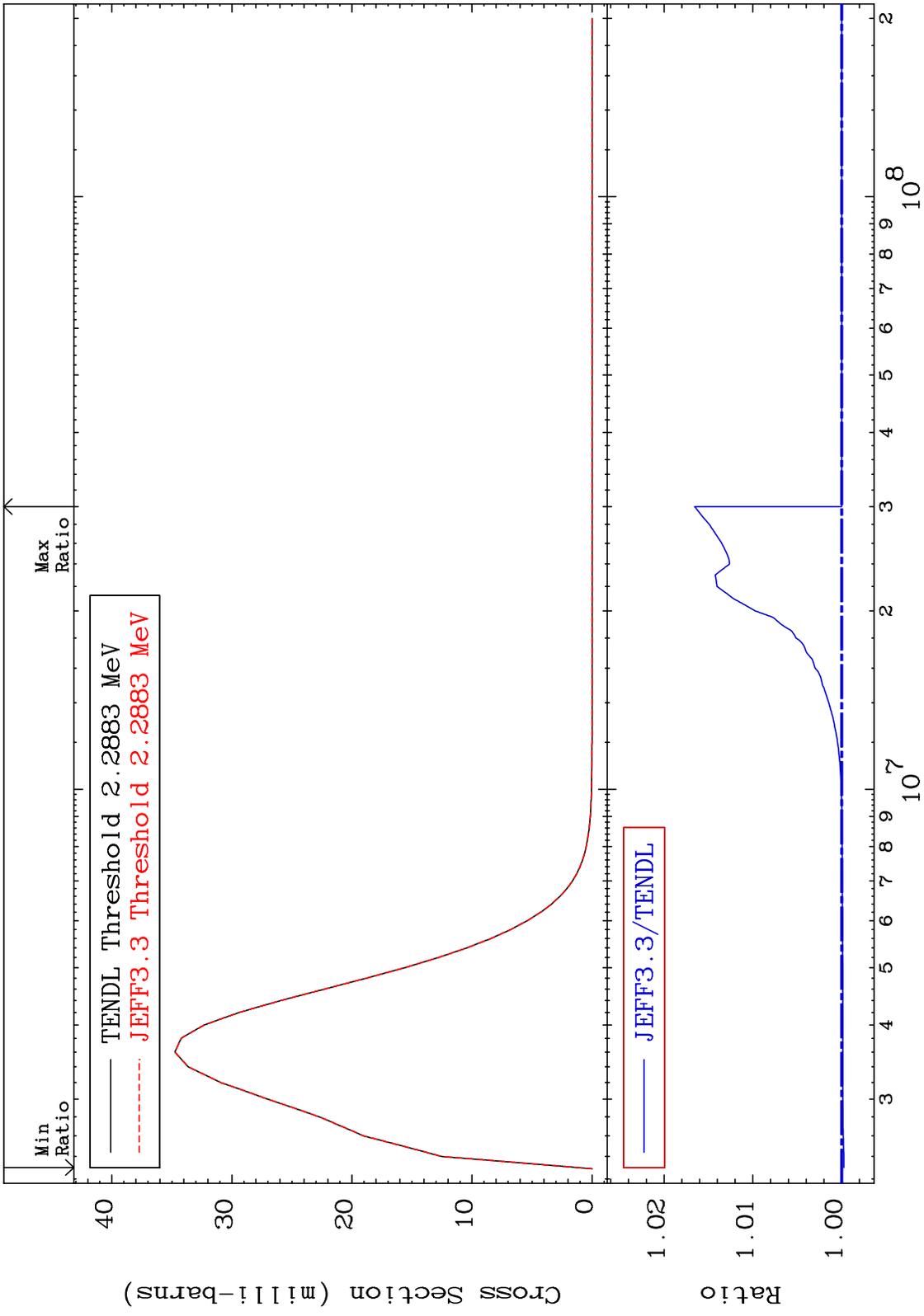
MAT 5249 MT= 61 (n,n') Level Cross Section 52-Te-128  
 -0.012 To 0.000 %



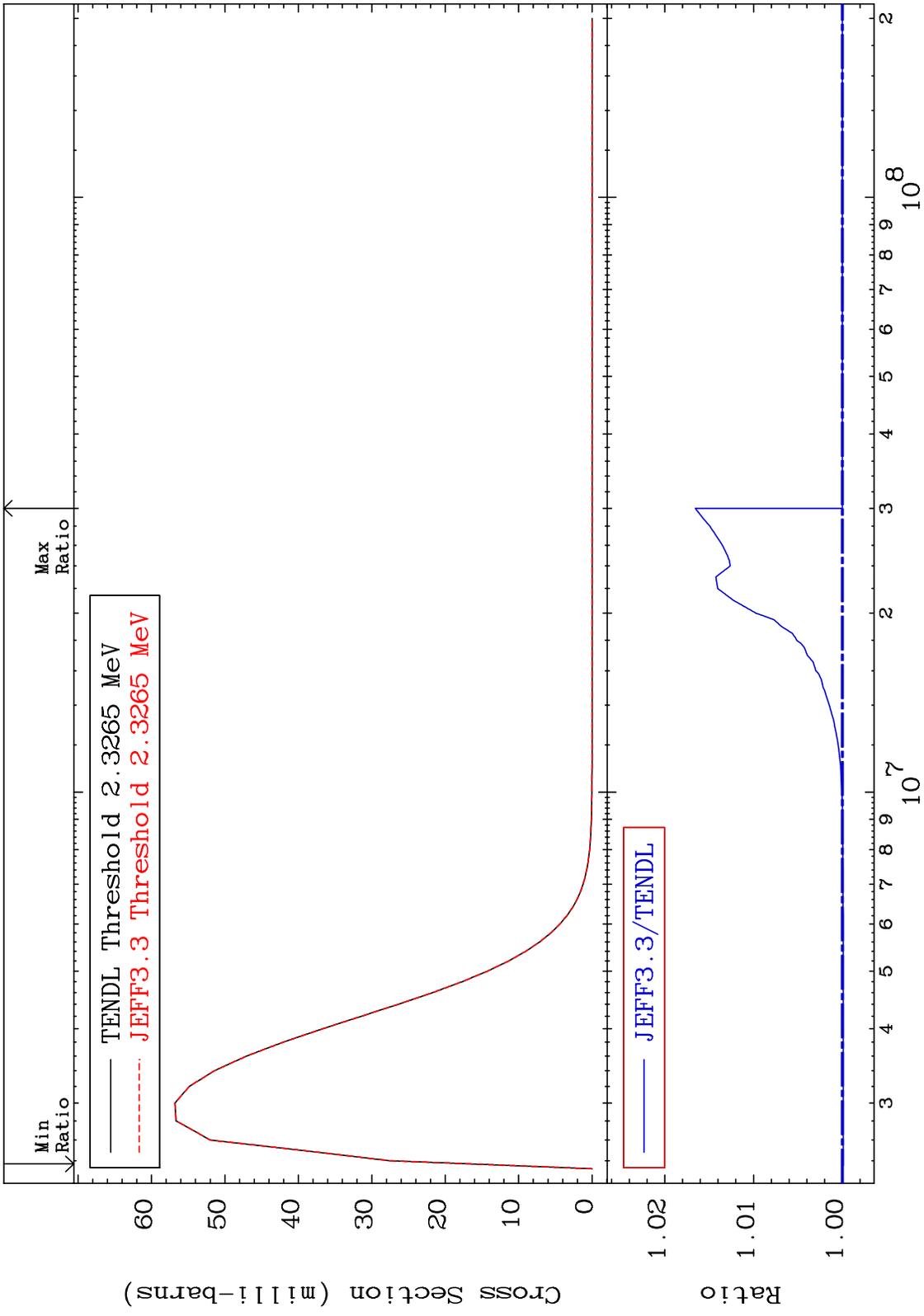
MAT 5249 MT= 62 (n,n') Level Cross Section 52-Te-128  
 -0.012 To 0.000 %



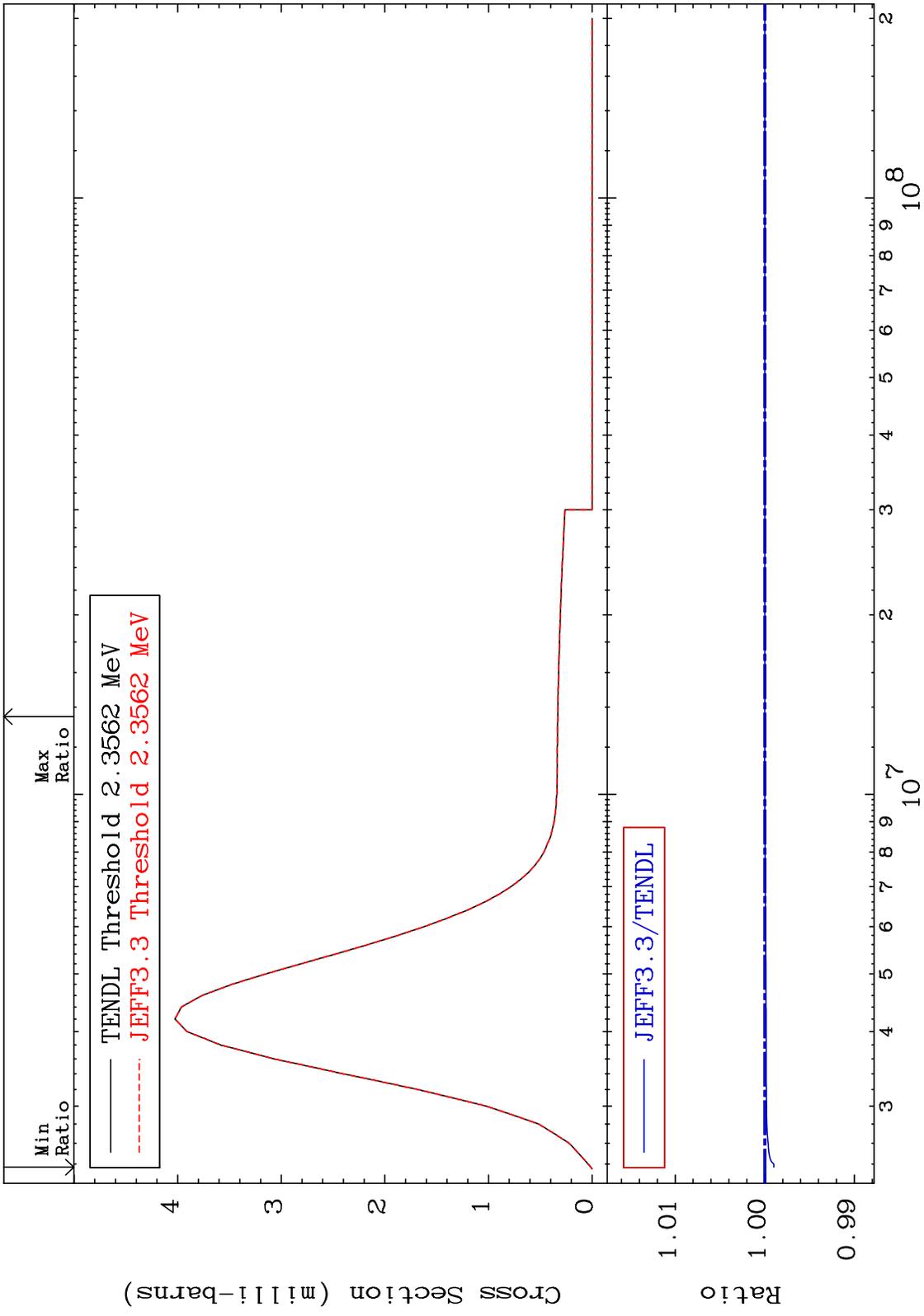
MAT 5249 MT= 63 (n,n') Level Cross Section 52-Te-128  
 -0.026 To 1.656 %



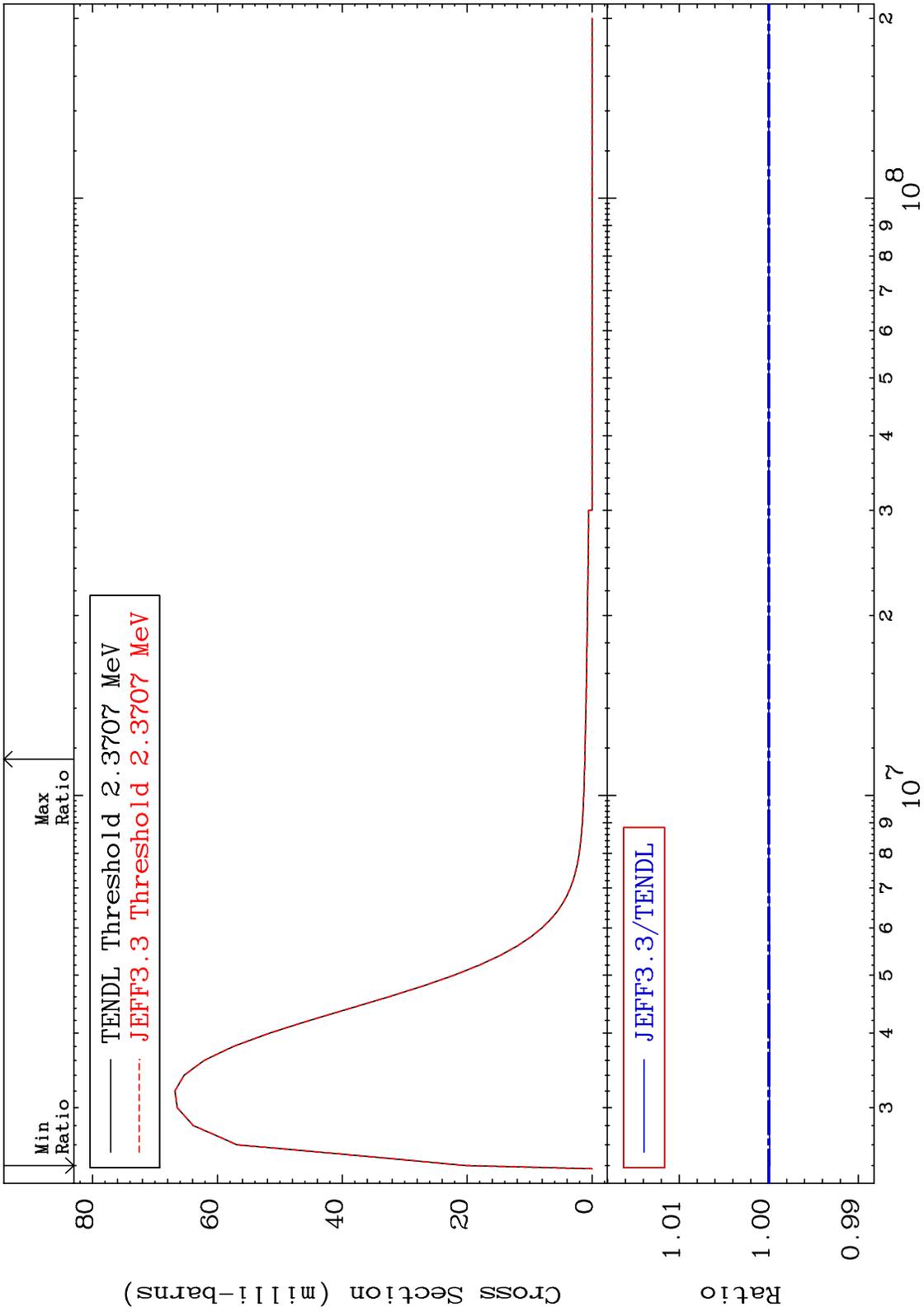
MAT 5249 MT= 64 (n,n') Level Cross Section 52-Te-128  
 -0.011 To 1.657 %



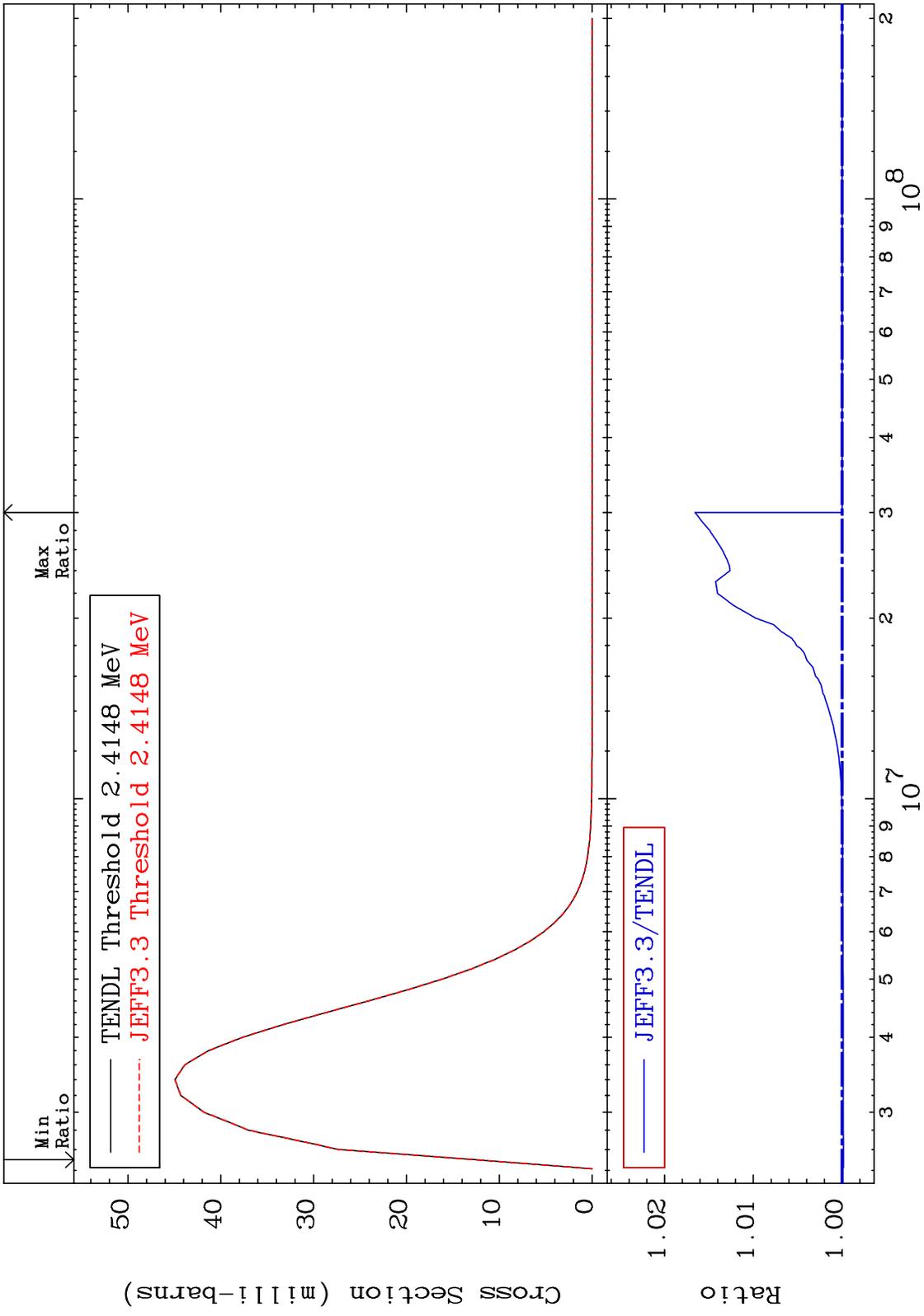
MAT 5249 MT= 65 (n,n') Level Cross Section 52-Te-128  
 -0.101 To 0.000 %



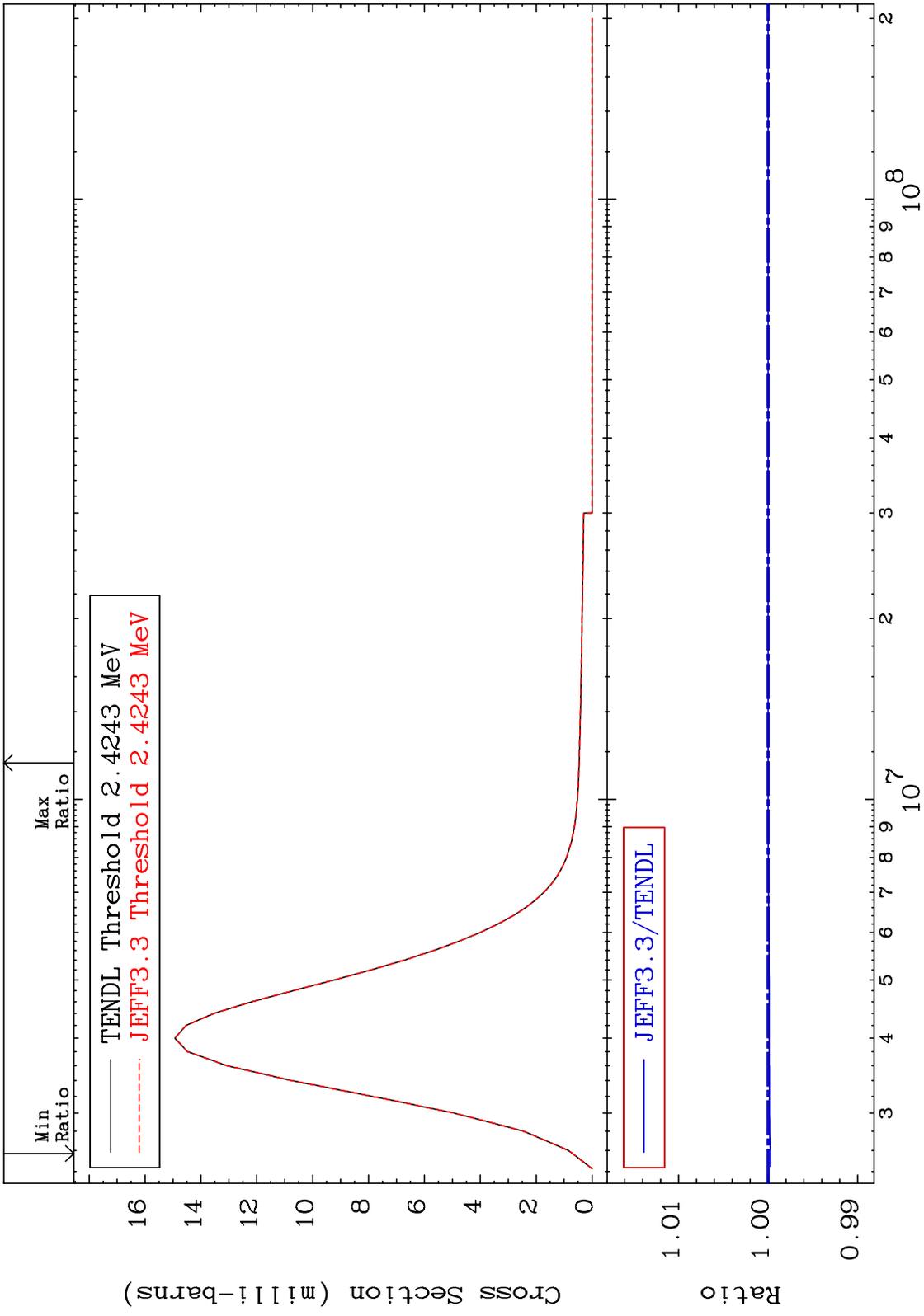
MAT 5249 MT= 66 (n,n') Level Cross Section 52-Te-128  
 -0.013 To 0.000 %



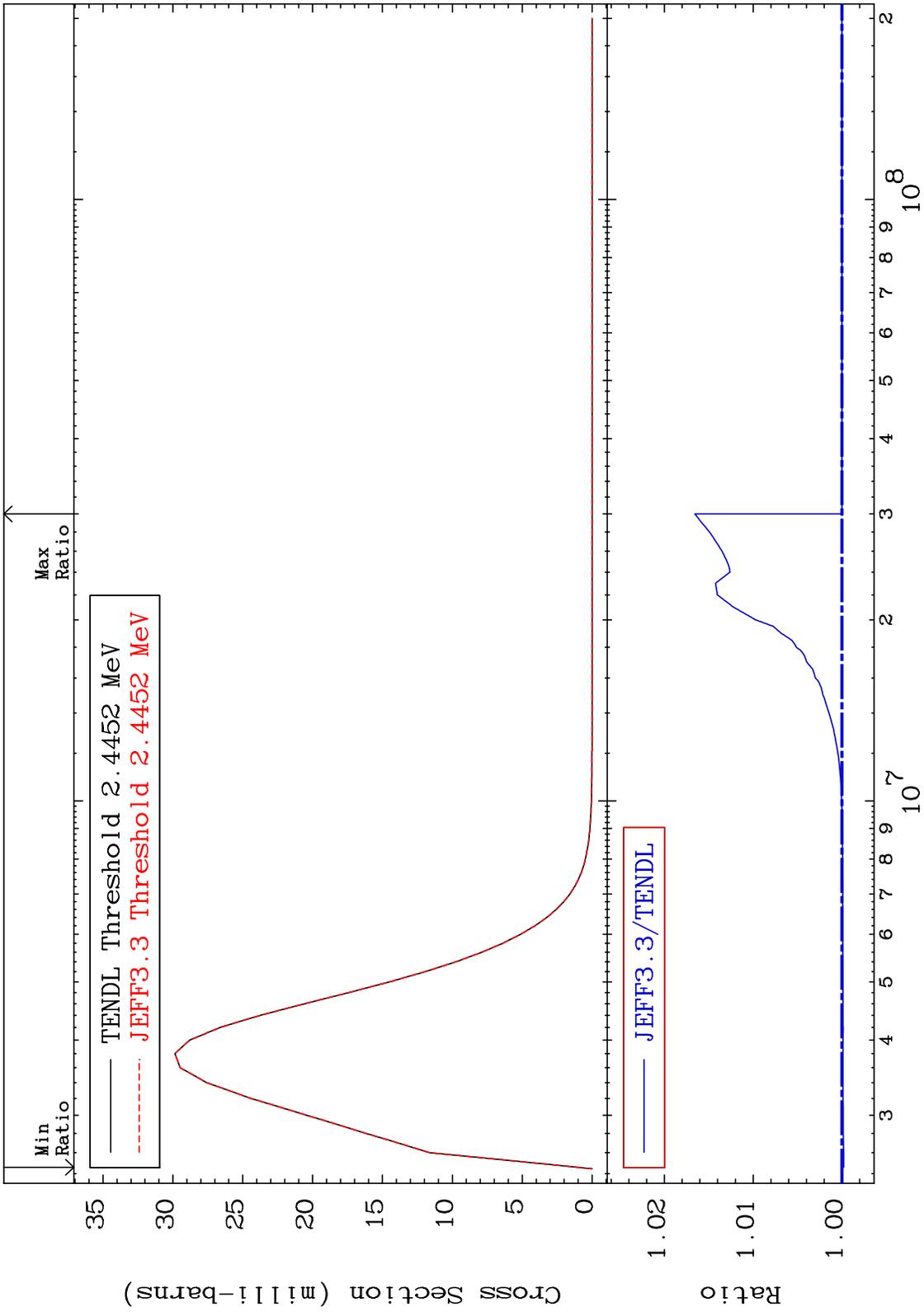
MAT 5249 MT= 67 (n,n') Level Cross Section 52-Te-128  
 -0.015 To 1.656 %



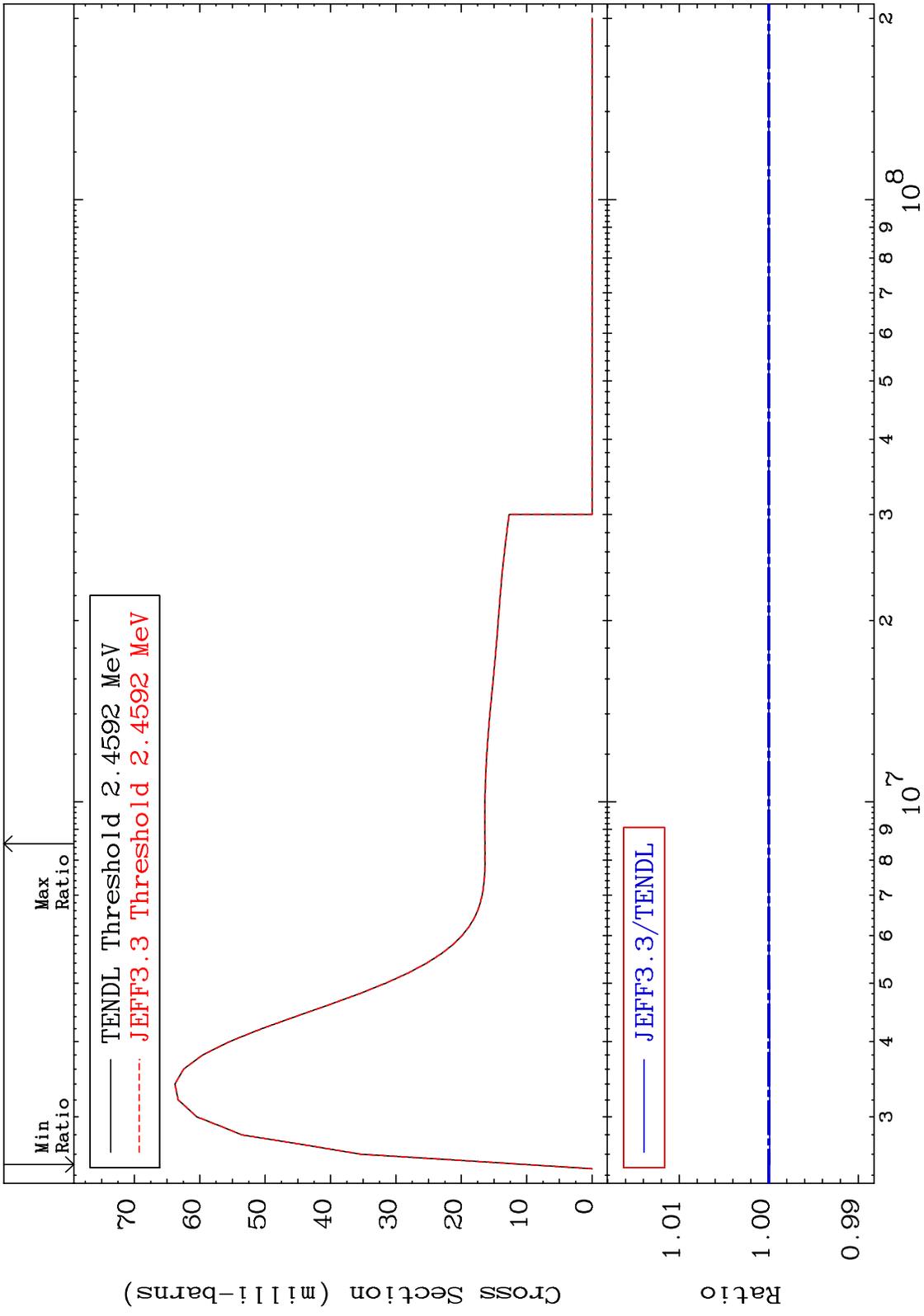
MAT 5249 MT= 68 (n,n') Level Cross Section 52-Te-128  
 -0.027 To 0.000 %



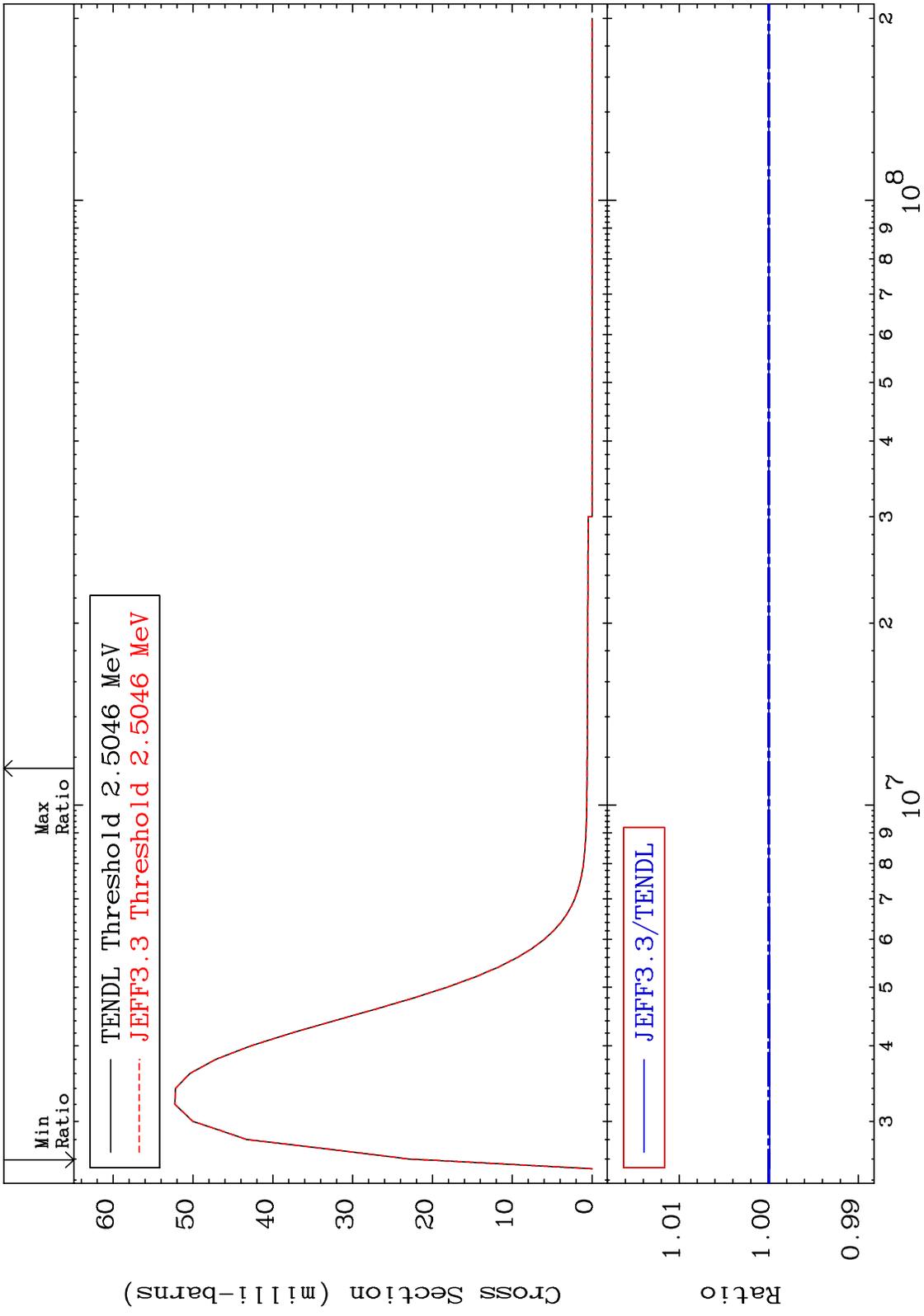
MAT 5249 MT= 69 (n,n') Level Cross Section 52-Te-128 -0.019 To 1.656 %



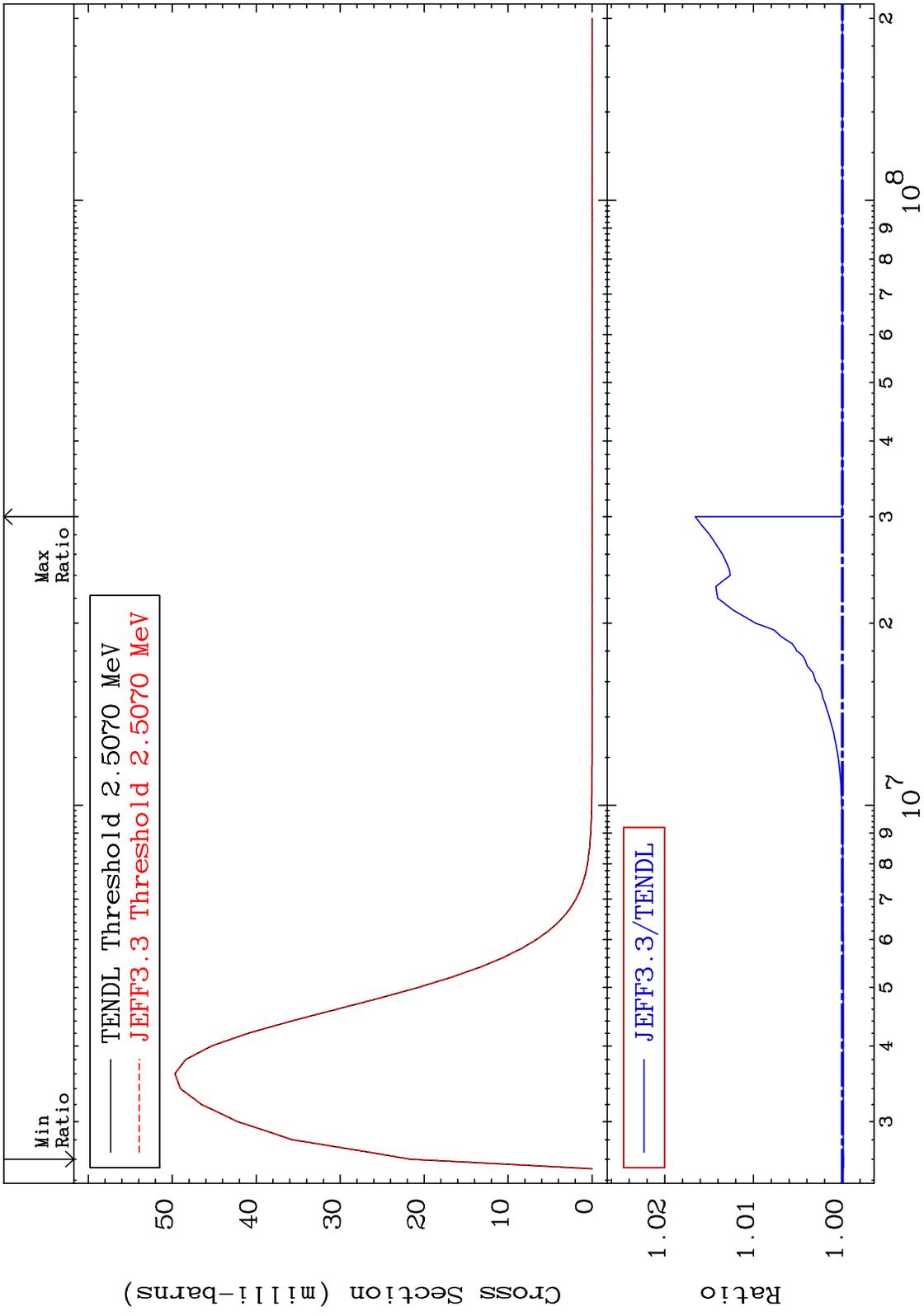
MAT 5249 MT= 70 (n,n') Level Cross Section 52-Te-128 -0.011 To 0.000 %



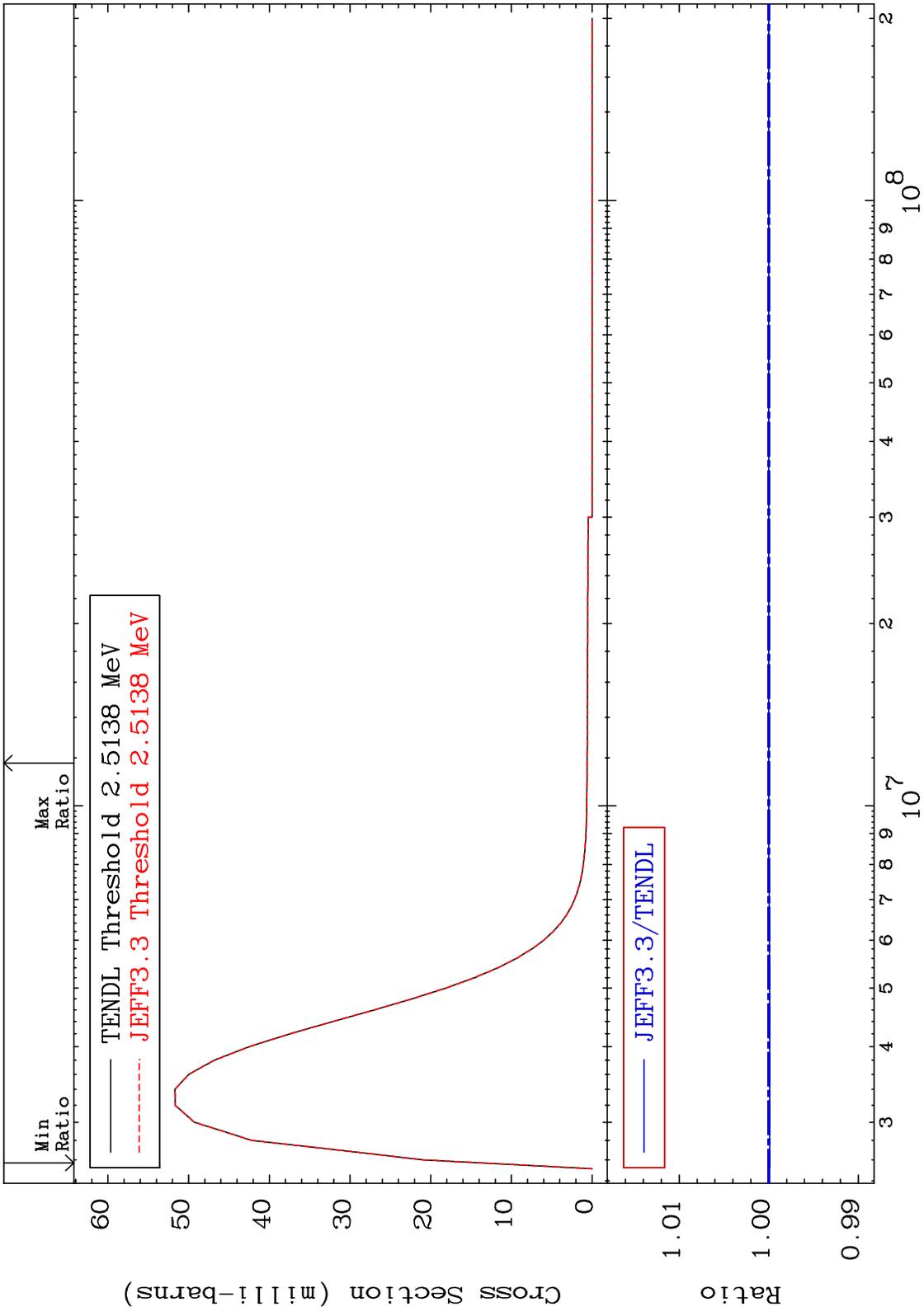
MAT 5249 MT= 71 (n,n') Level Cross Section 52-Te-128  
 -0.013 To 0.000 %



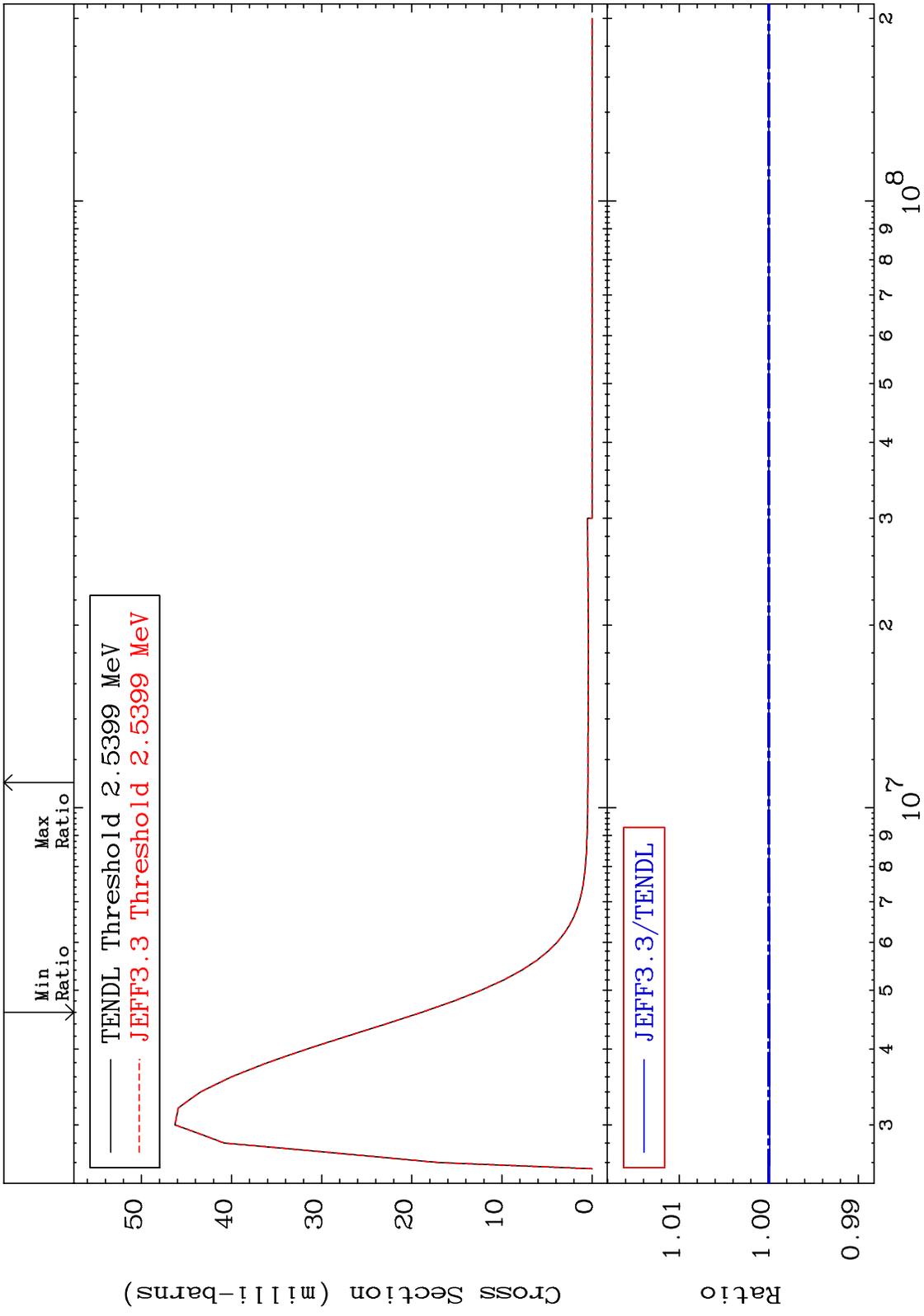
MAT 5249 MT= 72 (n,n') Level Cross Section 52-Te-128  
 -0.012 To 1.657 %



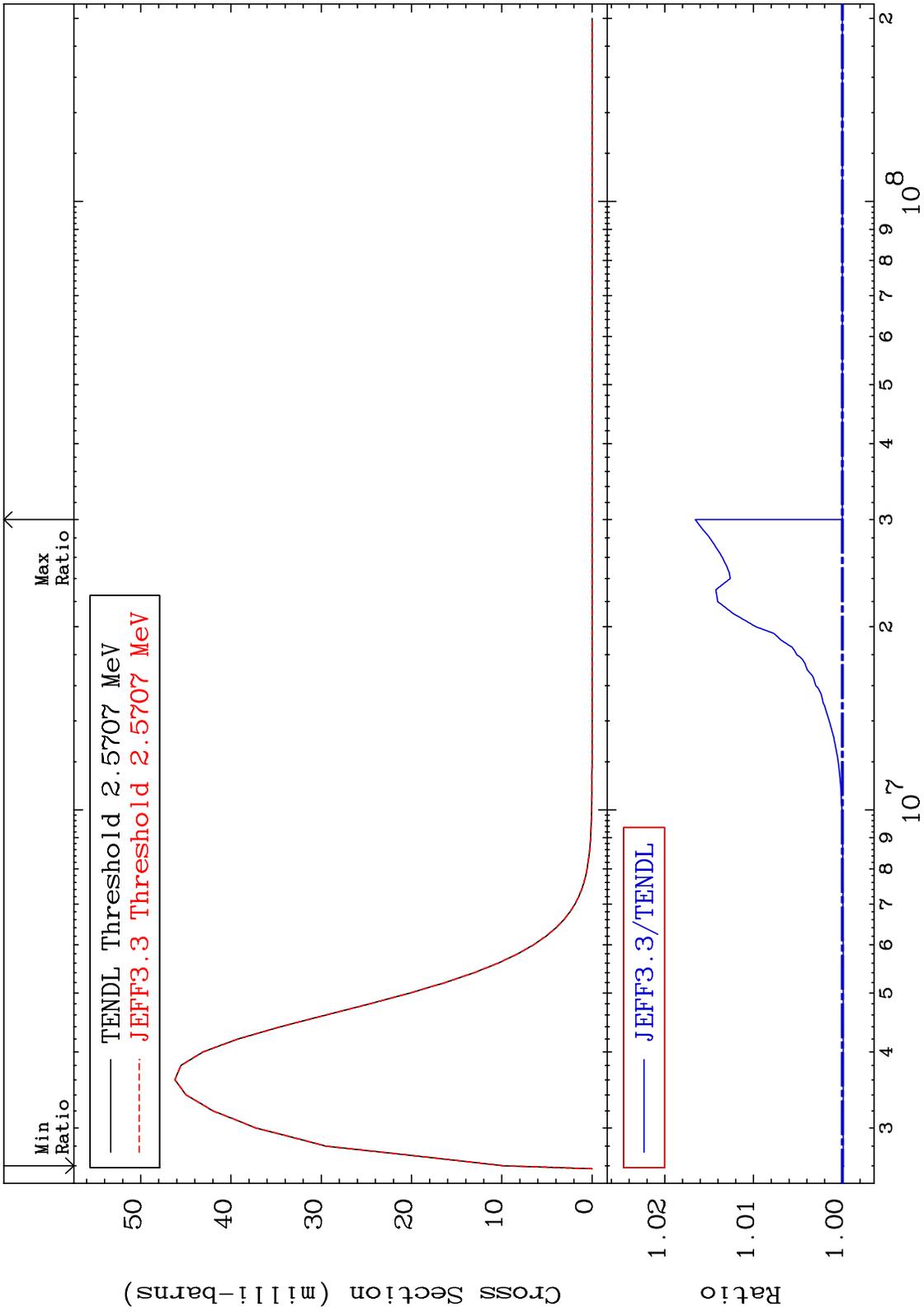
MAT 5249 MT= 73 (n,n') Level Cross Section 52-Te-128  
 -0.012 To 0.000 %



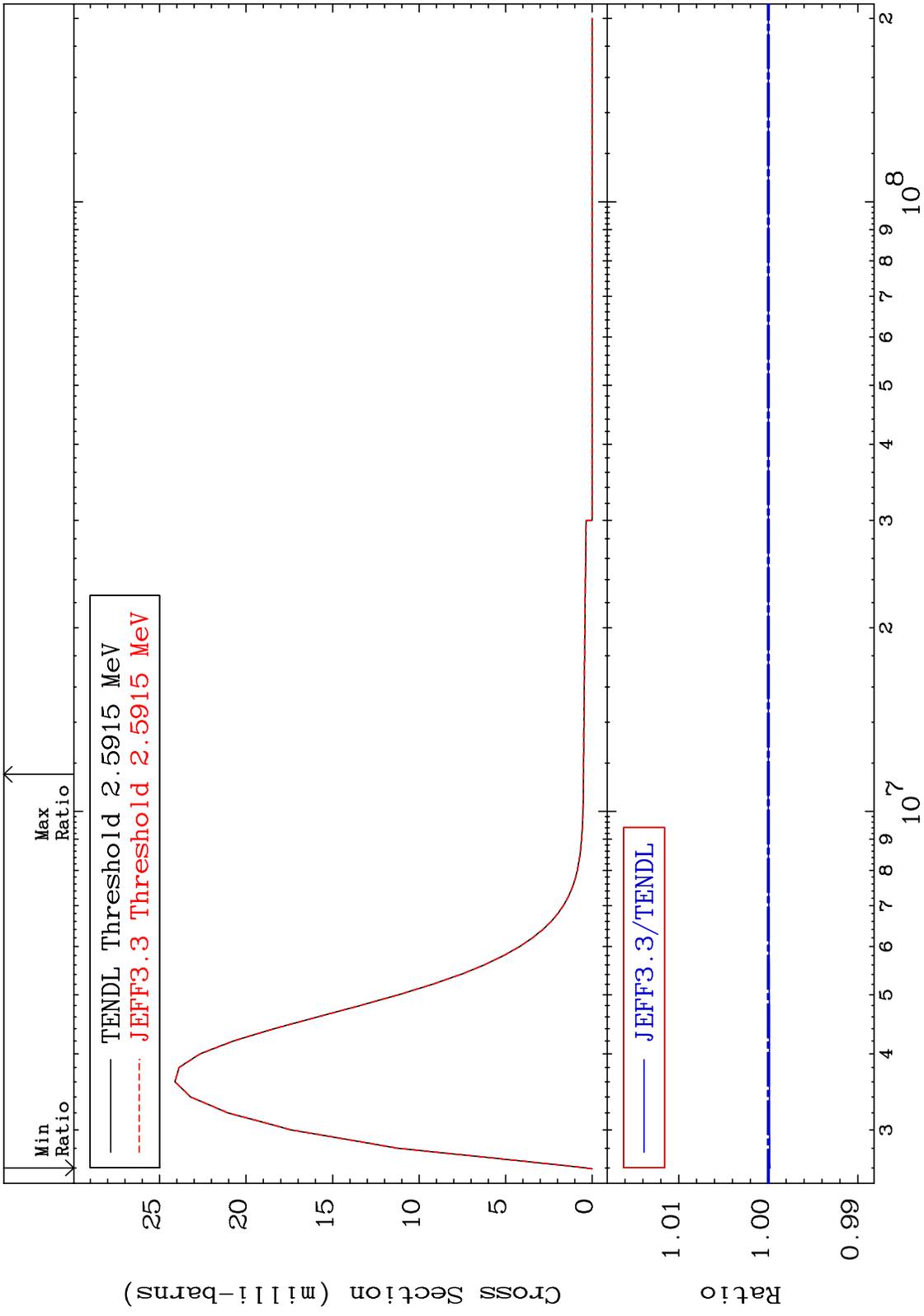
MAT 5249 MT= 75 (n,n') Level Cross Section 52-Te-128  
 -0.010 To 0.000 %



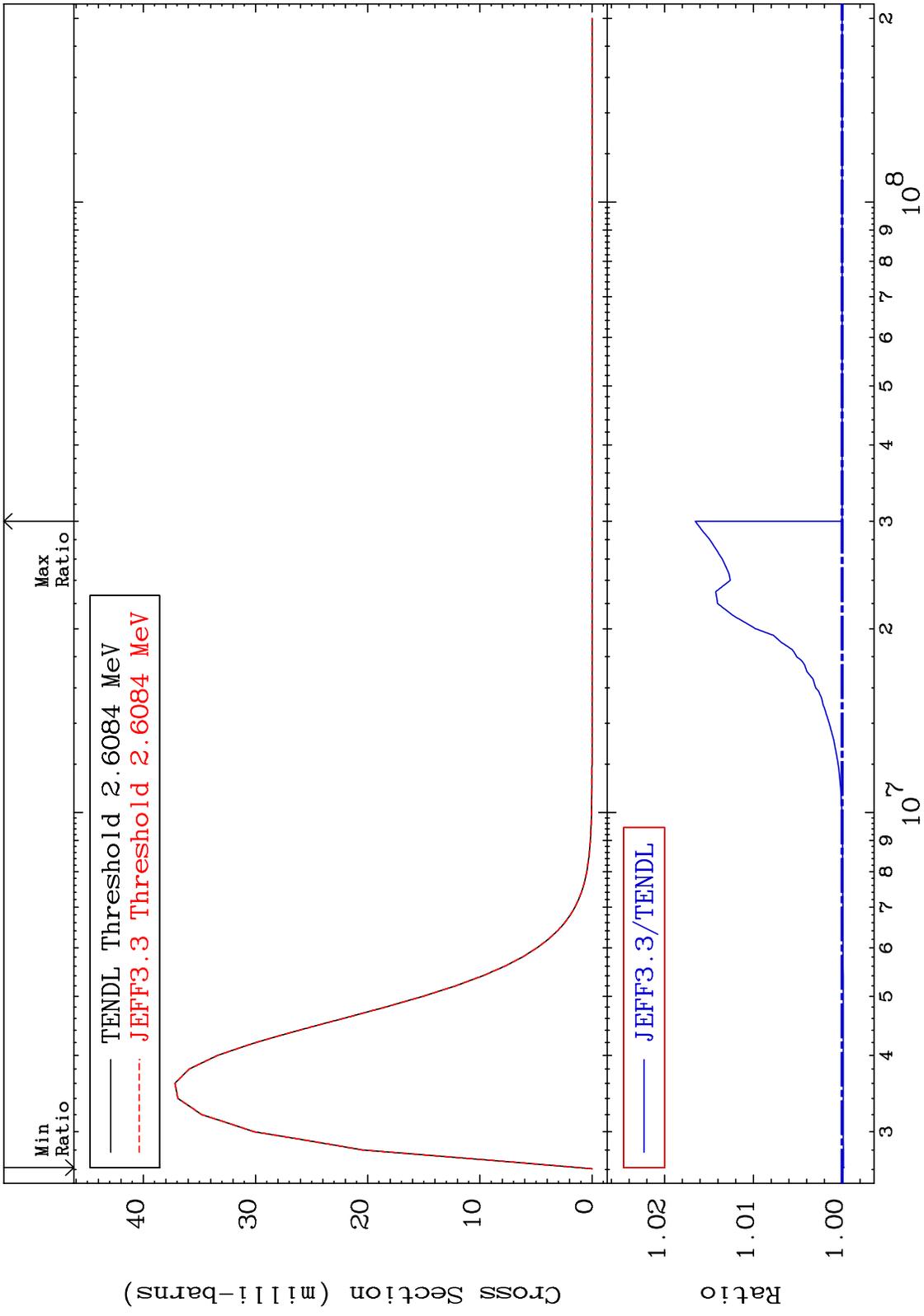
MAT 5249      MT= 76 (n,n') Level Cross Section      52-Te-128  
 -0.011 To 1.657 %



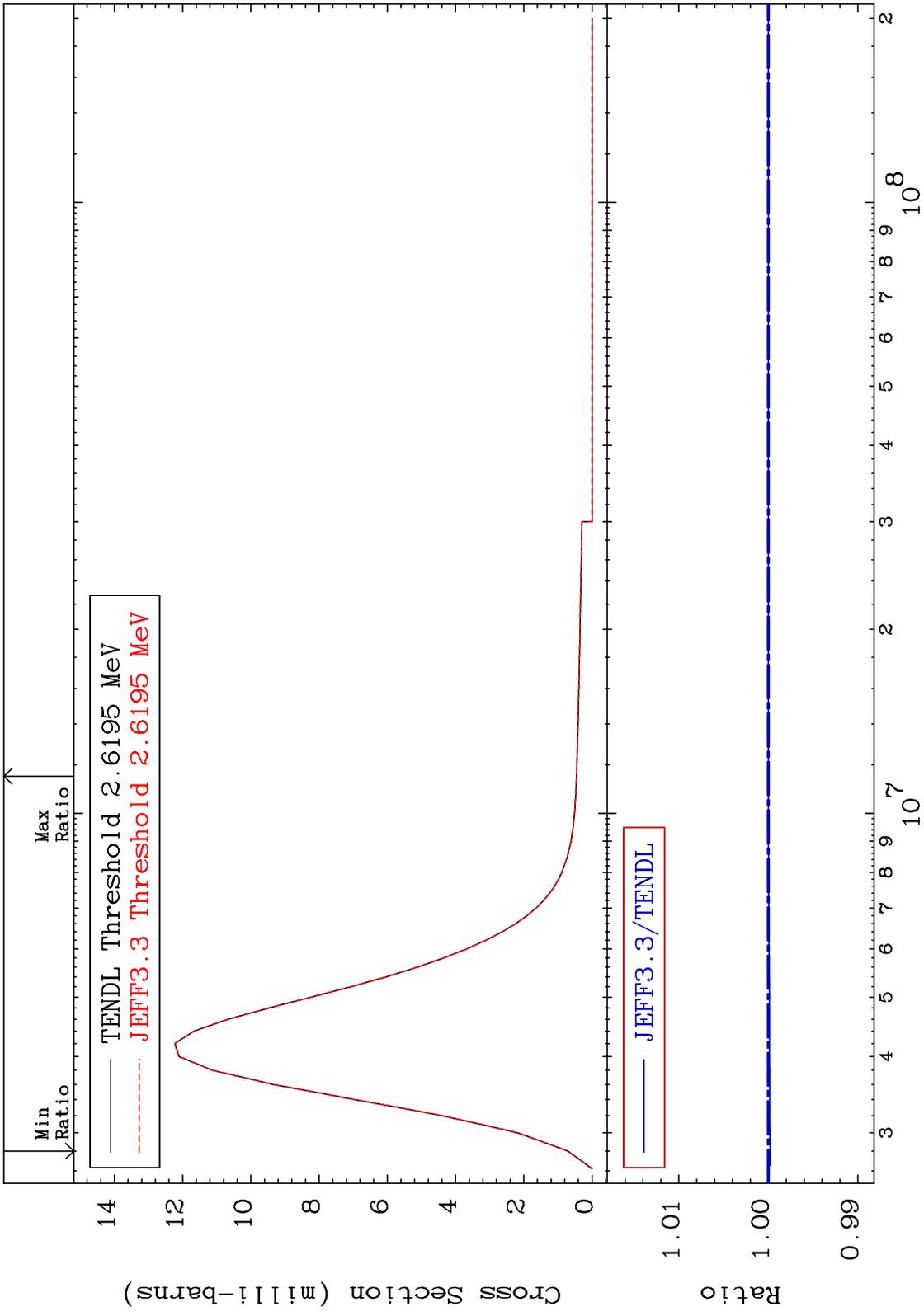
MAT 5249 MT= 77 (n,n') Level Cross Section 52-Te-128  
 -0.023 To 0.000 %



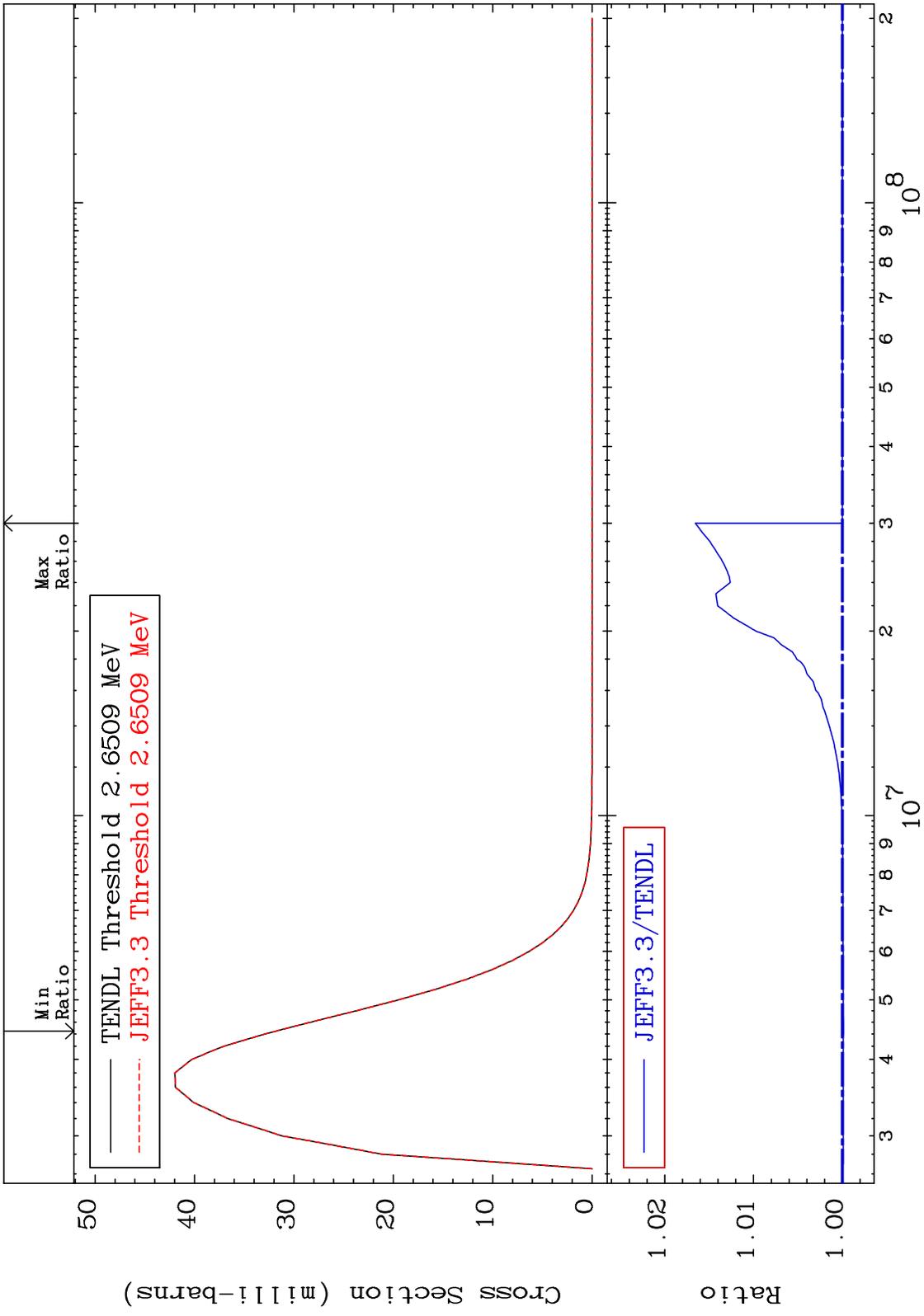
MAT 5249 MT= 78 (n,n') Level Cross Section 52-Te-128  
 -0.013 To 1.656 %



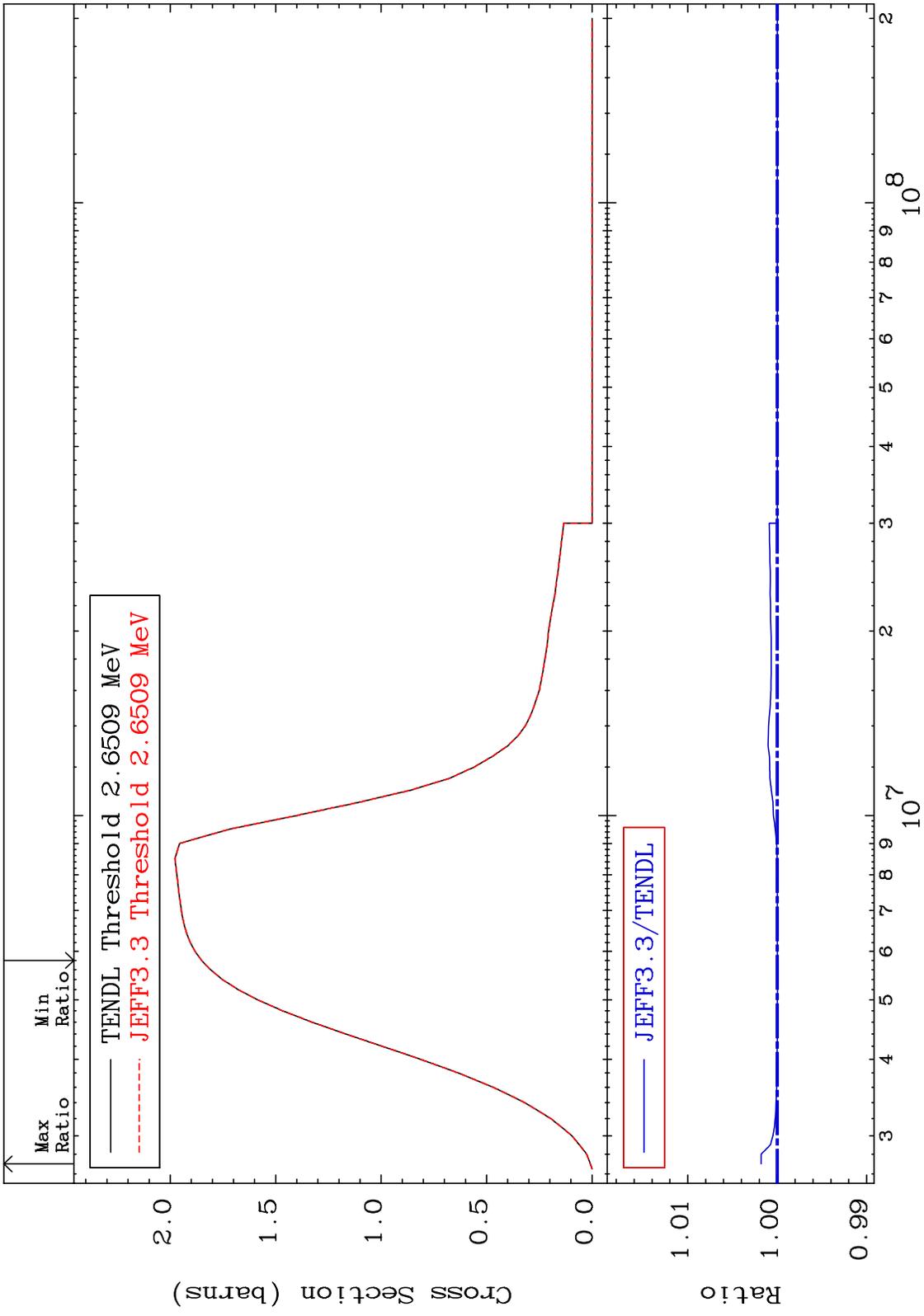
MAT 5249 MT= 79 (n,n') Level Cross Section 52-Te-128  
 -0.021 To 0.000 %



MAT 5249 MT= 80 (n,n') Level Cross Section 52-Te-128  
 -0.011 To 1.657 %



MAT 5249 (n, n') Continuum Cross Section 52-Te-128  
 -0.002 To 0.180 %



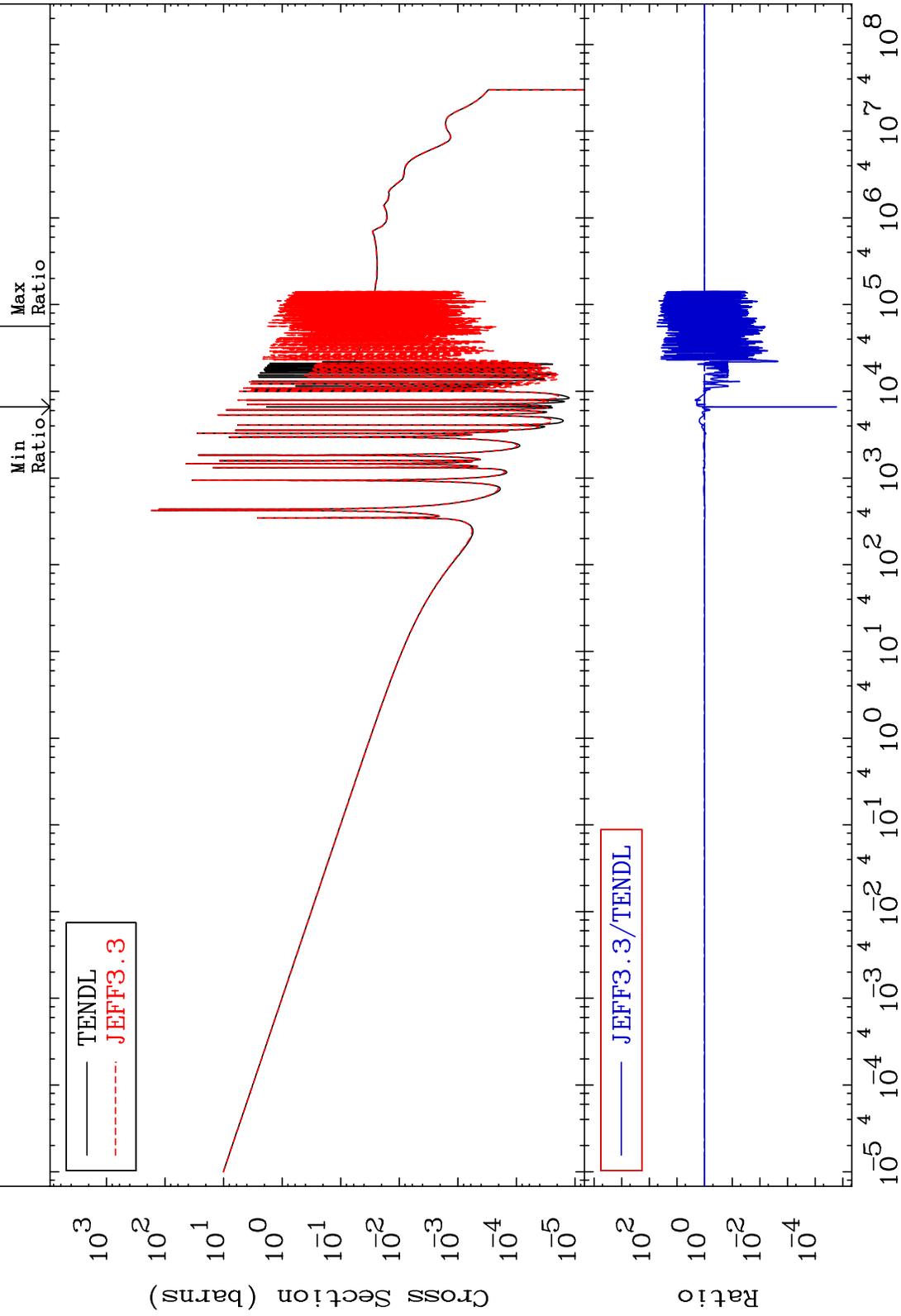
MAT 5249

(n,  $\gamma$ )

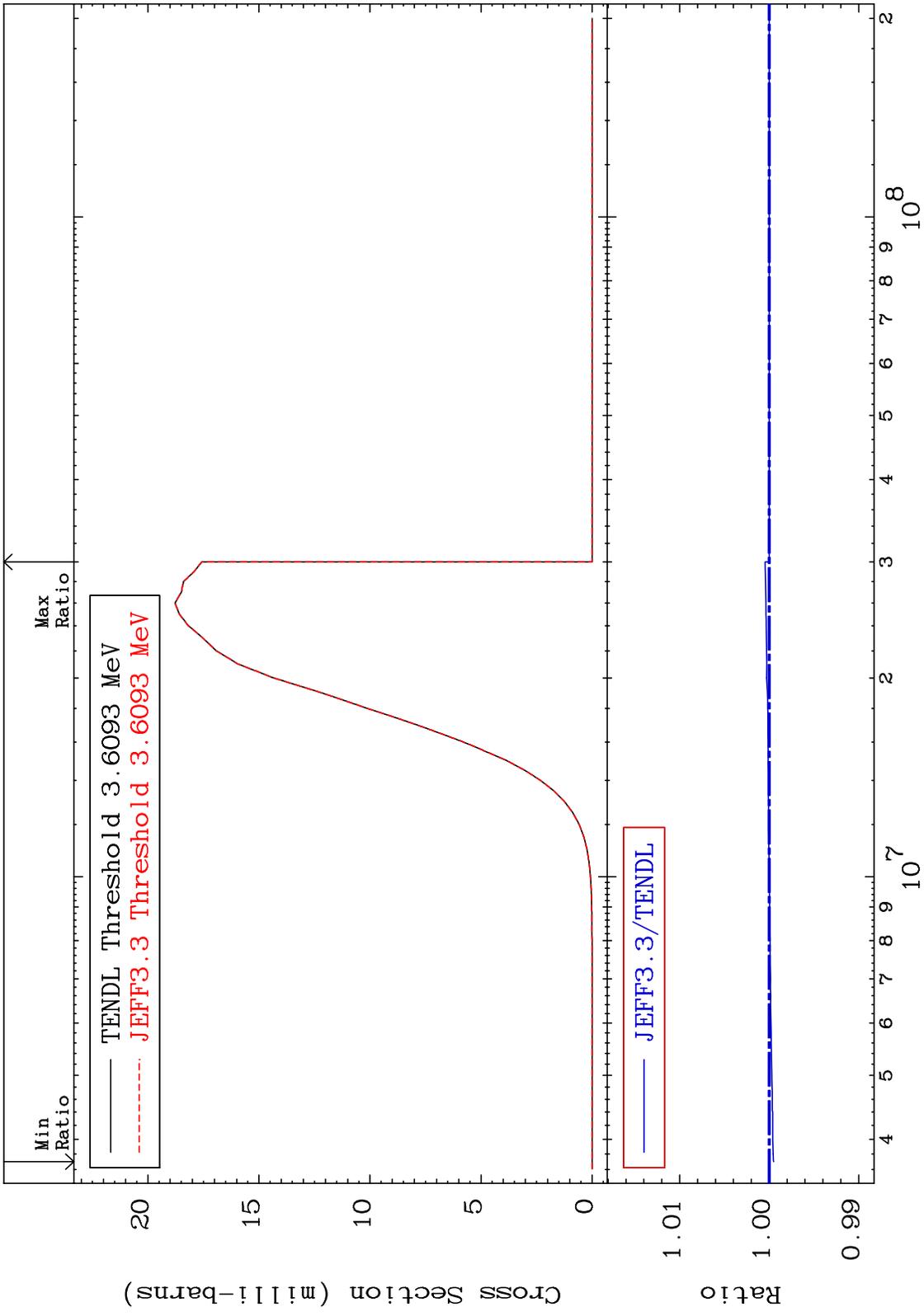
52-Te-128

-100.0 To 5169. %

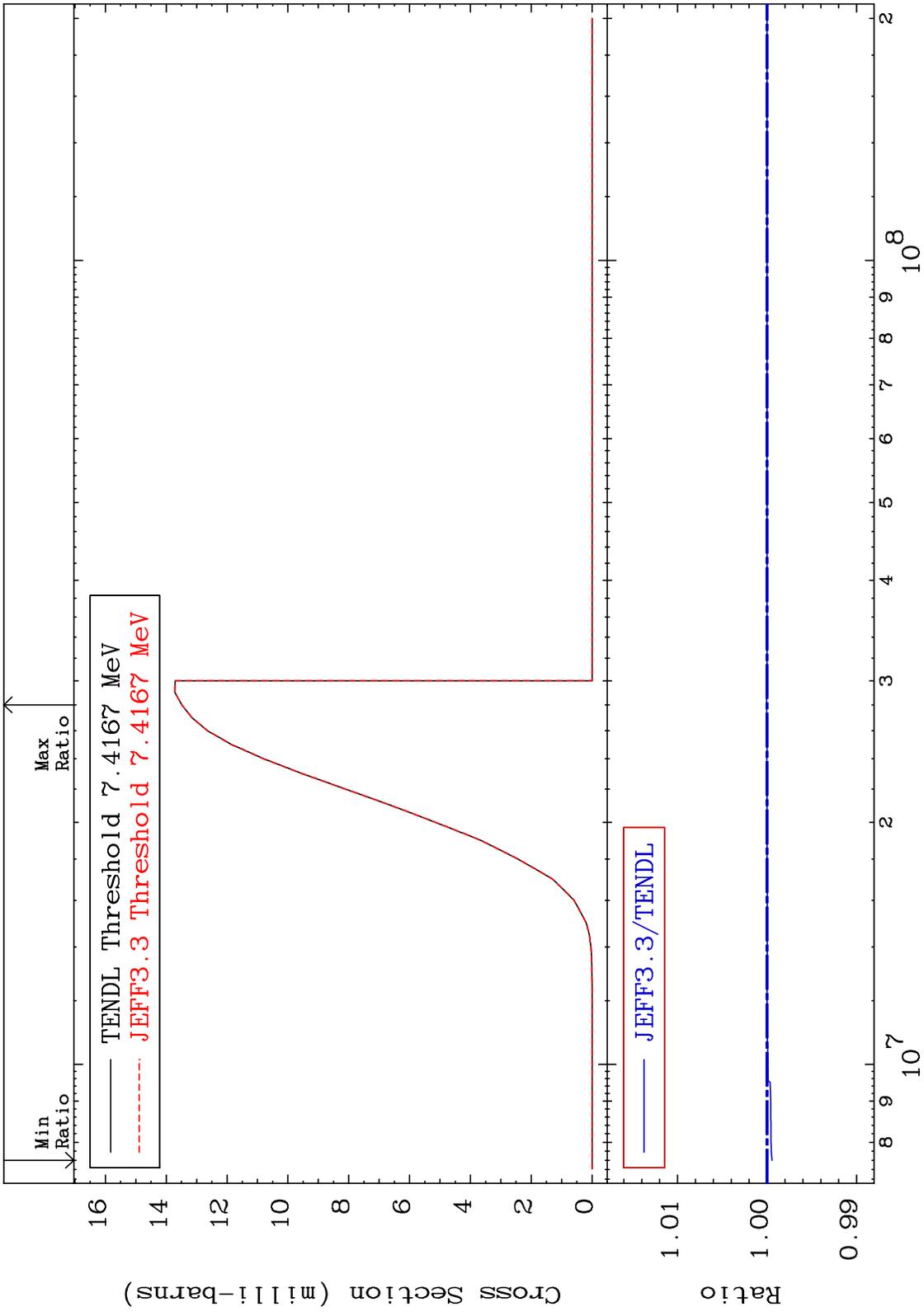
Cross Section



MAT 5249 (n,p) Cross Section 52-Te-128  
 -0.048 To 0.047 %

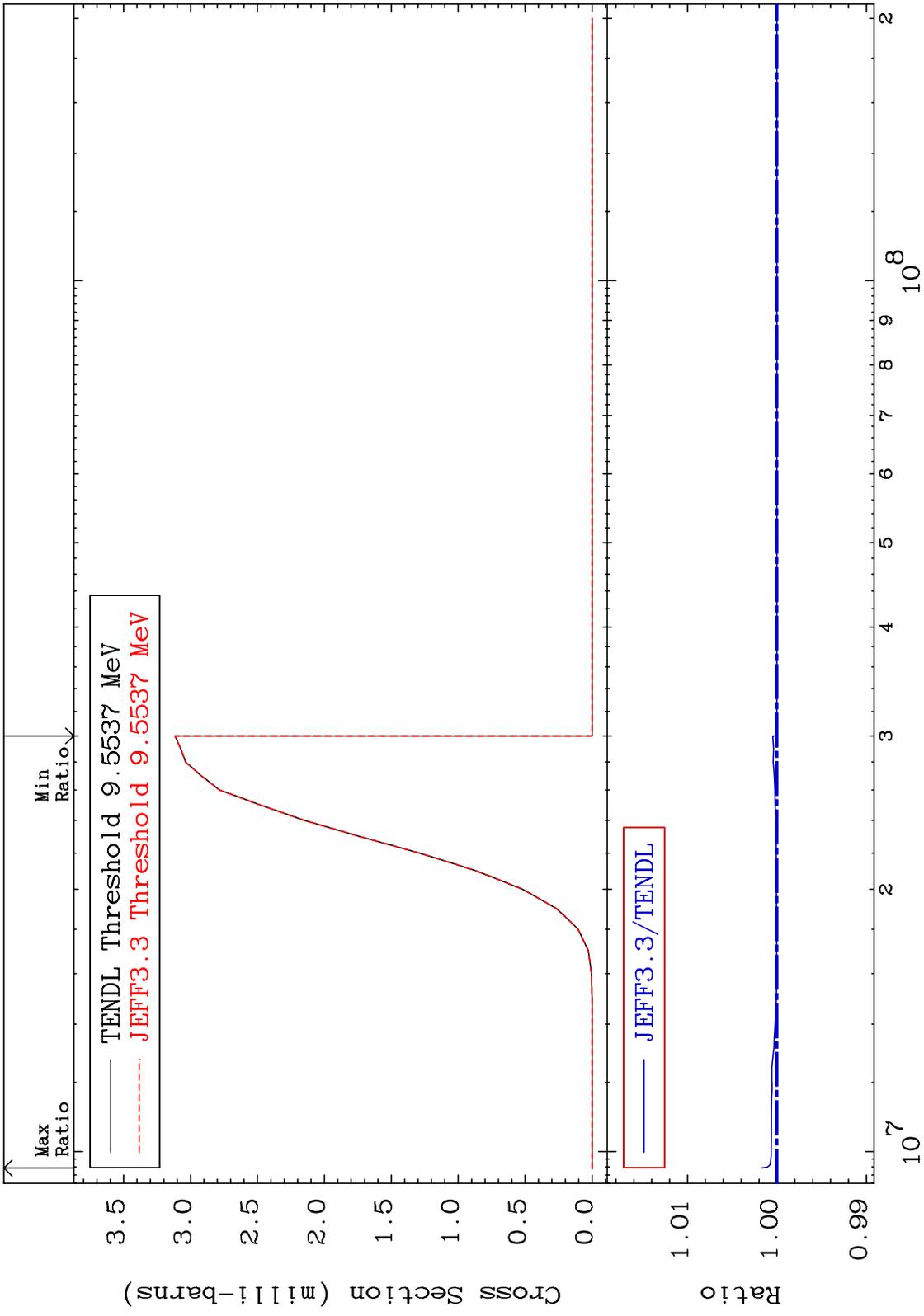


MAT 5249 (n,d) 52-Te-128  
Cross Section -0.055 To 0.006 %



50 52-Te-128 Incident Energy (eV)

MAT 5249 (n,t) Cross Section 52-Te-128 To 0.172 %



MAT 5249

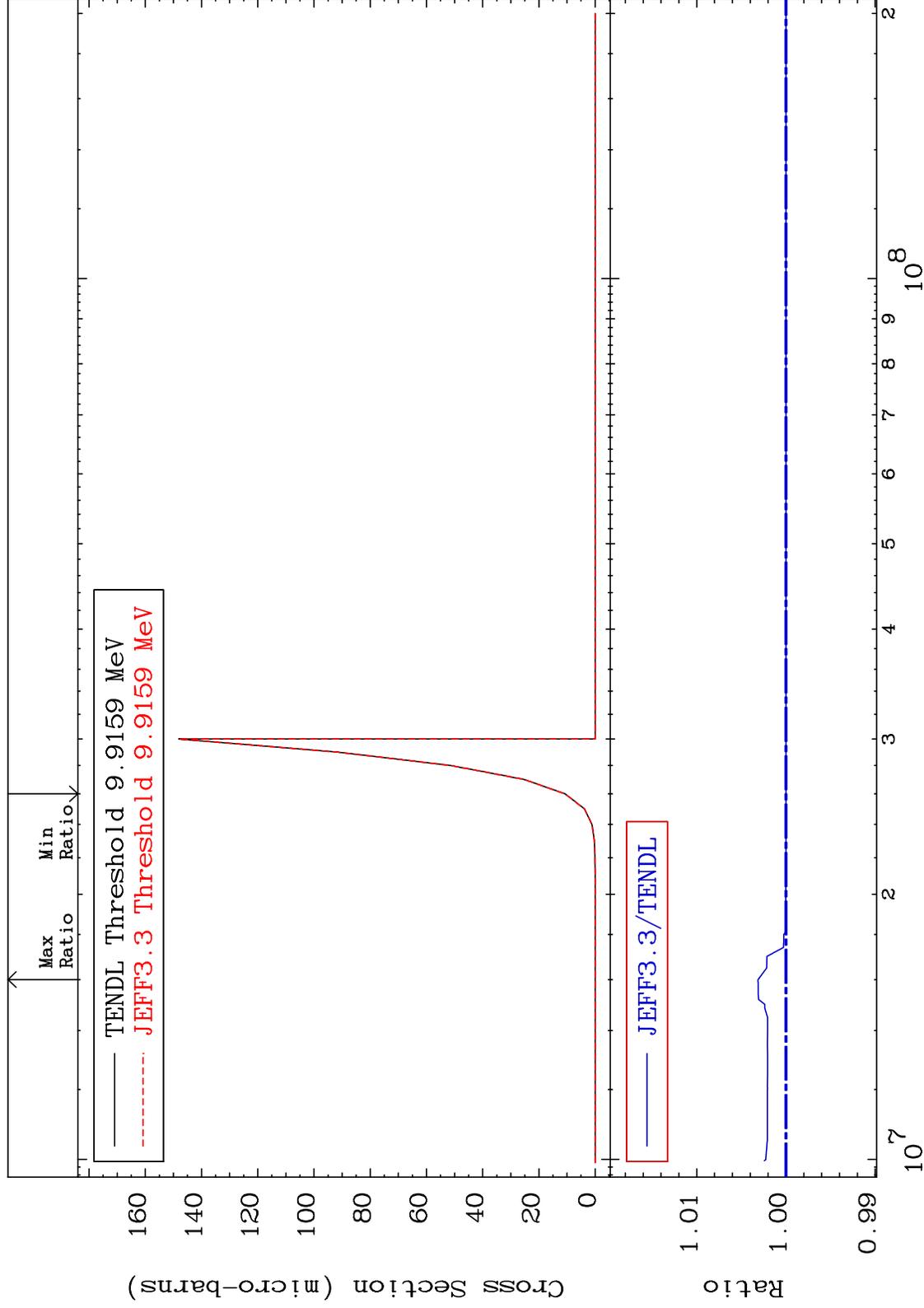
(n, He-3)

52-Te-128

Cross Section

0.000

To 0.313 %



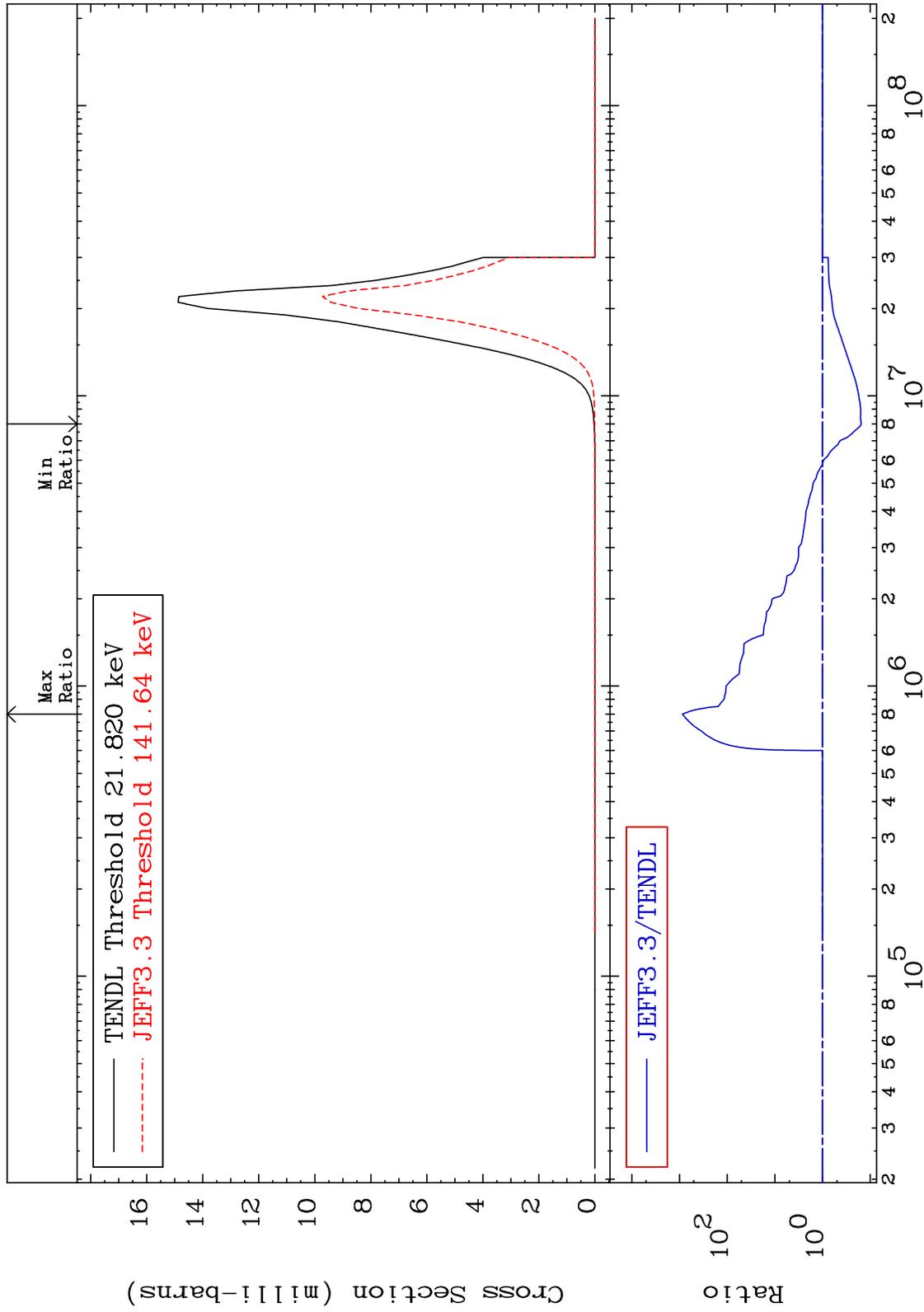
Incident Energy (eV)

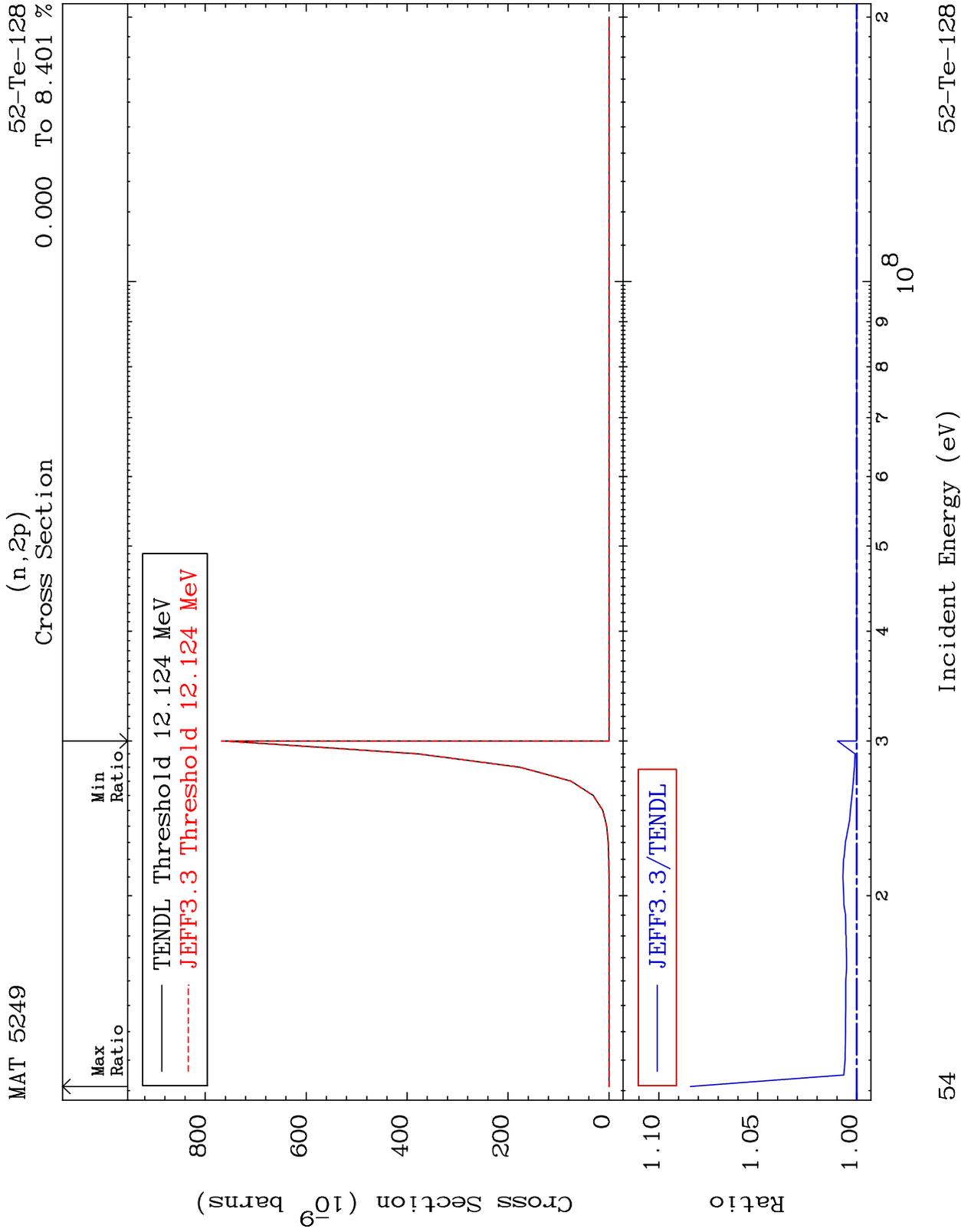
52-Te-128

52

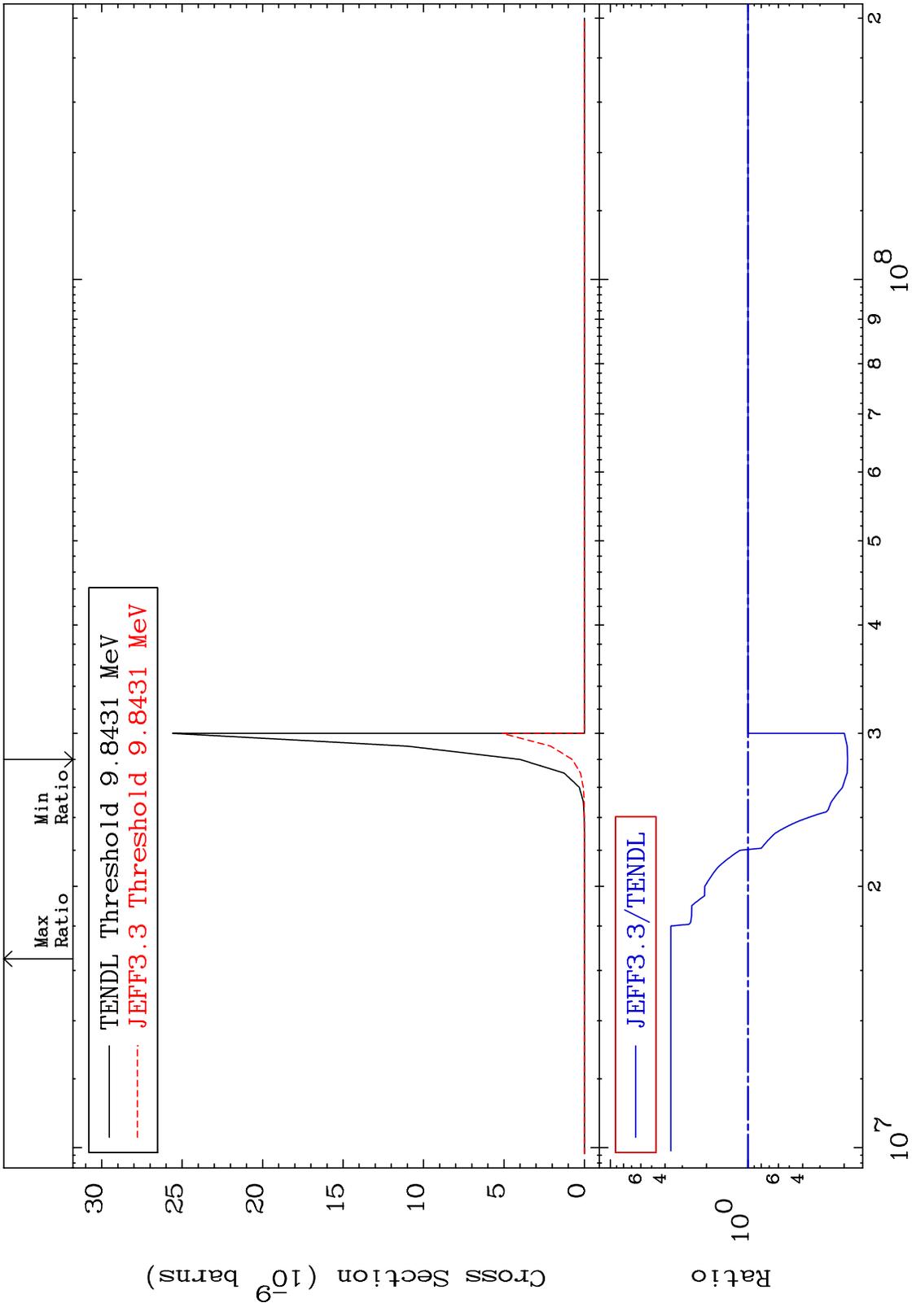
MAT 5249

(n,  $\alpha$ )  
Cross Section  
52-Te-128  
-84.61 To 9999. %



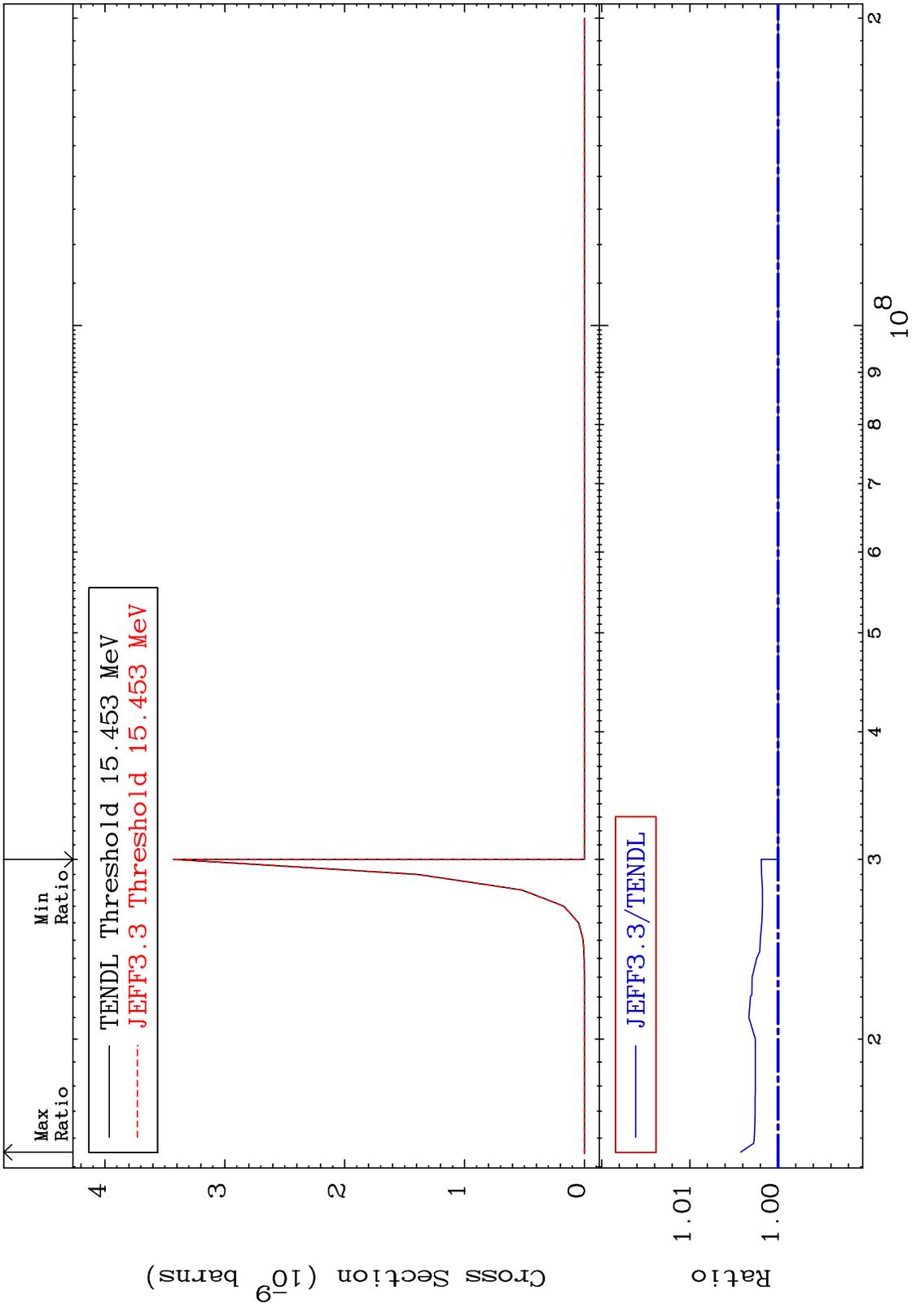


MAT 5249 (n,p)  $\alpha$  52-Te-128  
 Cross Section -81.14 To 262.5 %

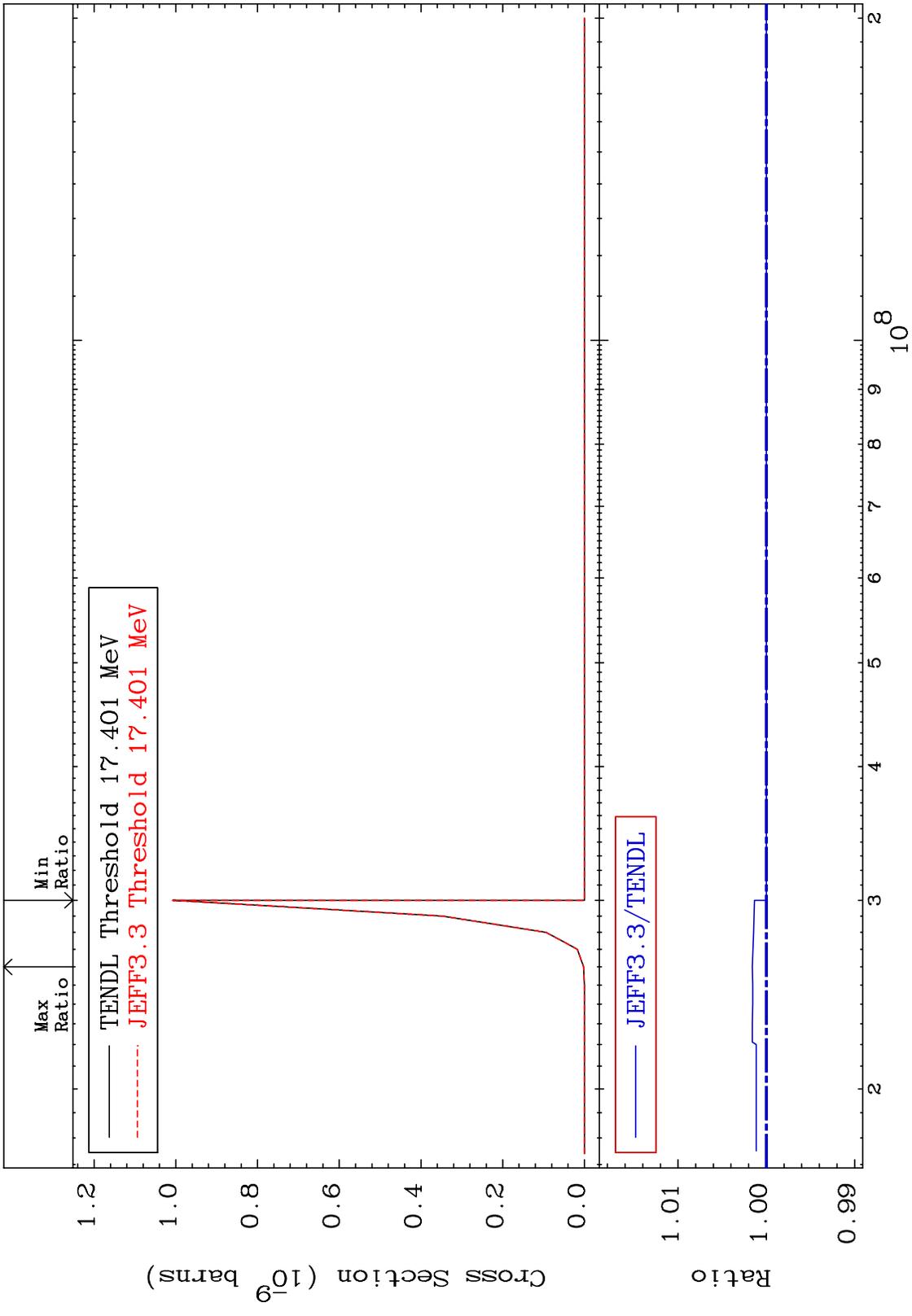


55 52-Te-128

MAT 5249 (n,p) d 52-Te-128  
 Cross Section 0.000 To 0.425 %



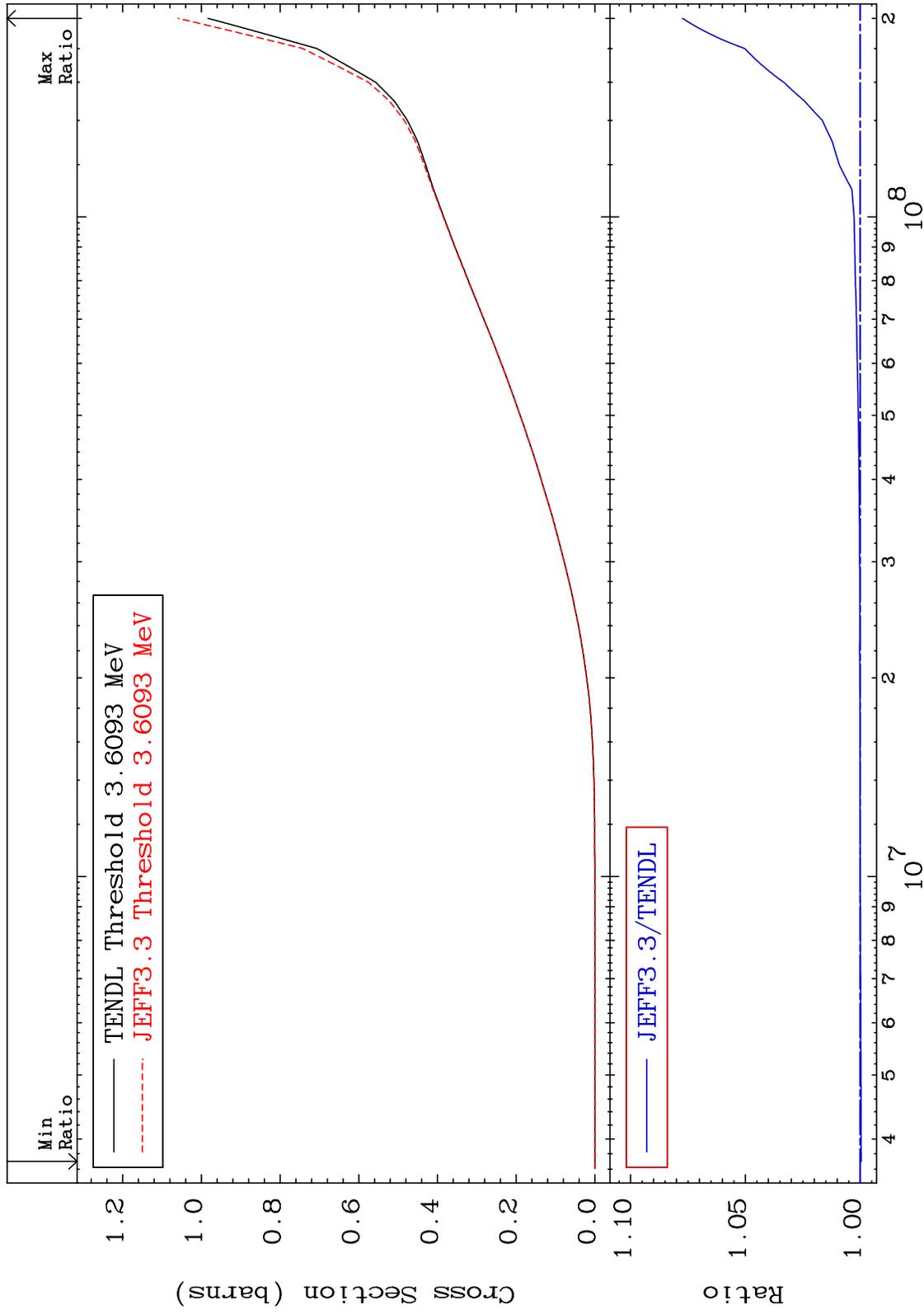
MAT 5249 (n,p) t 52-Te-128  
 Cross Section 0.000 To 0.160 %



MAT 5249

Hydrogen Production  
Cross Section

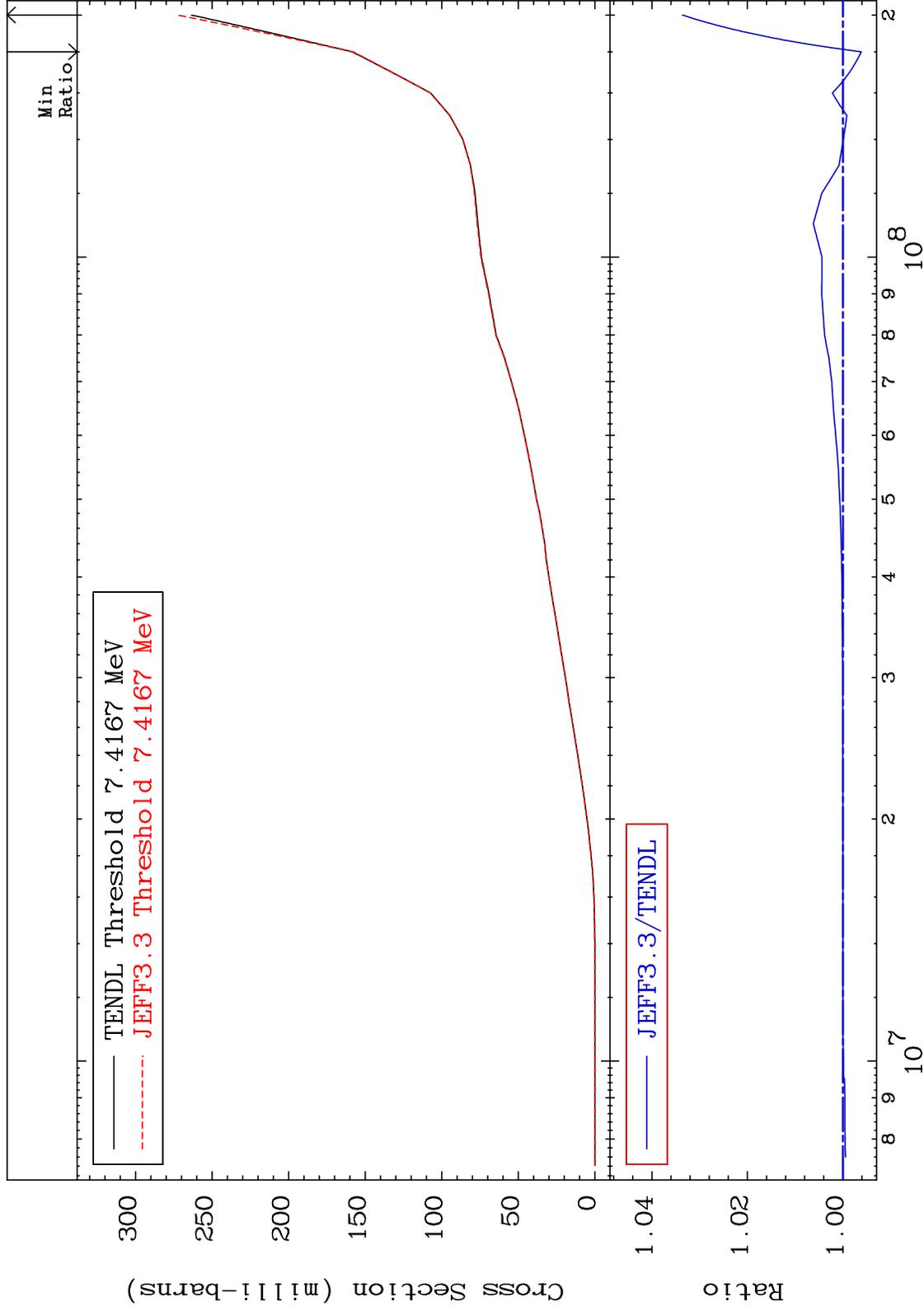
52-Te-128  
-0.048 To 7.741 %



MAT 5249

Deuterium Production  
Cross Section

52-Te-128  
-0.387 To 3.360 %



59

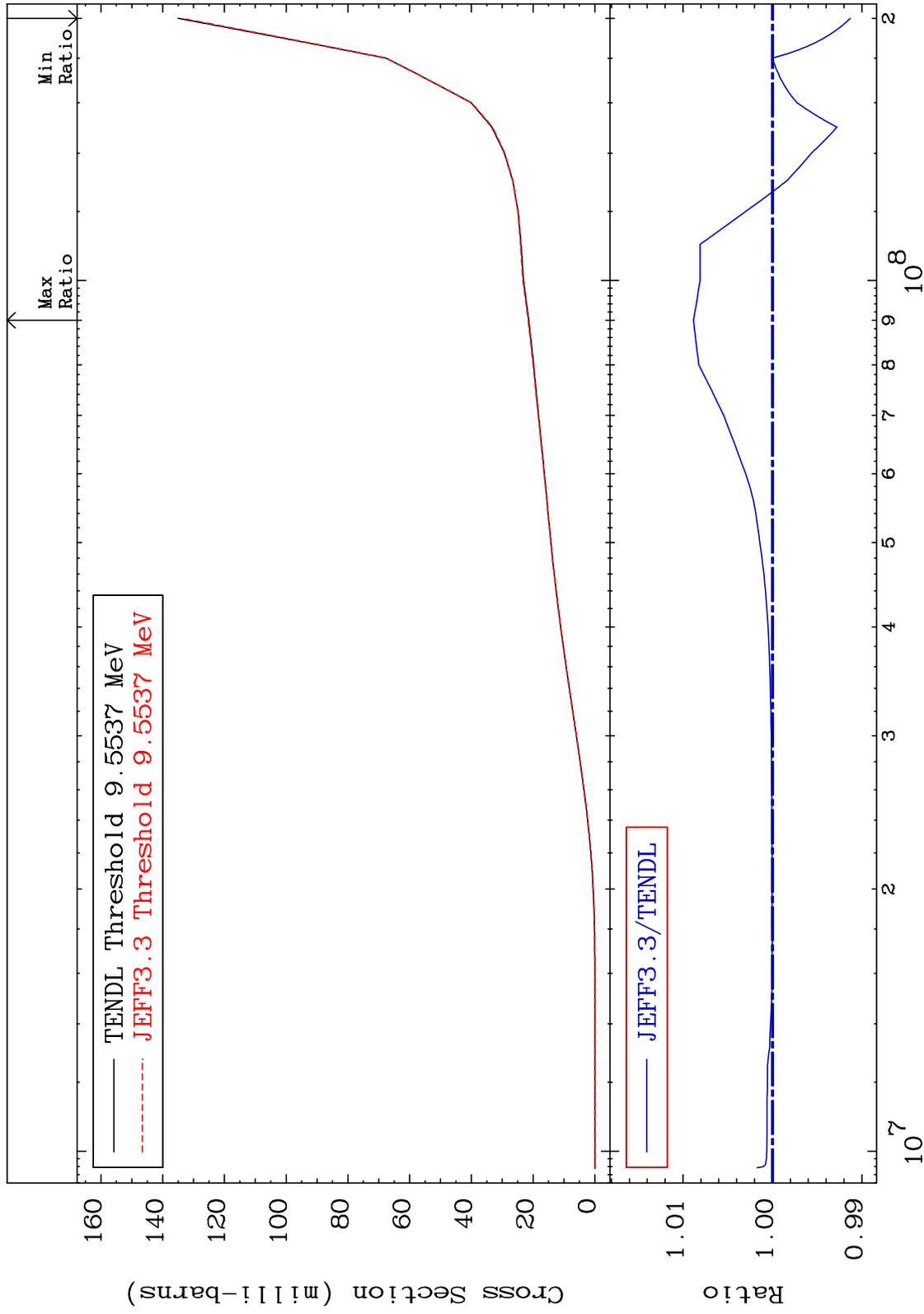
Incident Energy (eV)

52-Te-128

MAT 5249

Tritium Production  
Cross Section

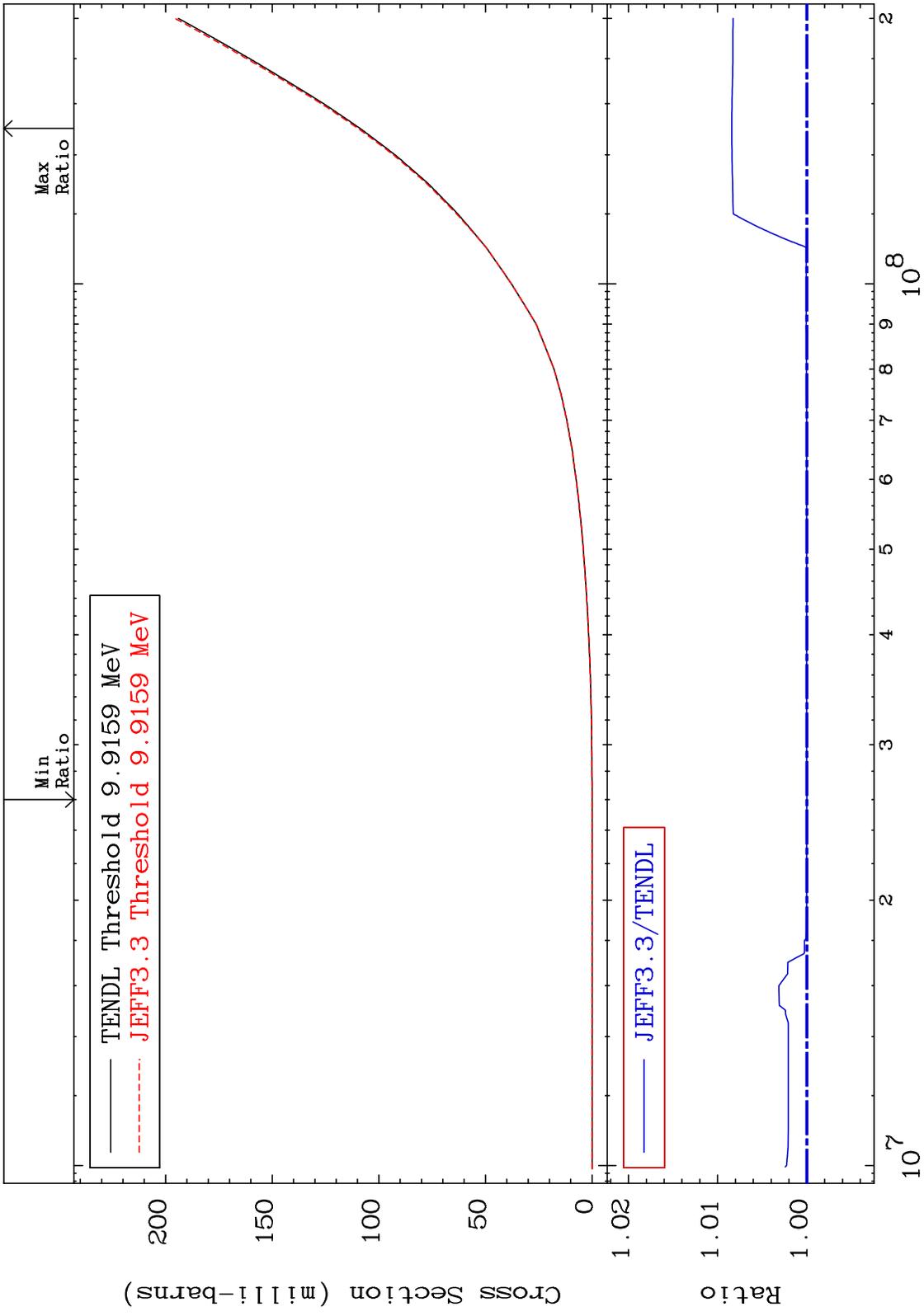
52-Te-128  
-0.870 To 0.882 %



Incident Energy (eV)

52-Te-128

MAT 5249 He-3 Production Cross Section 52-Te-128 To 0.842 %

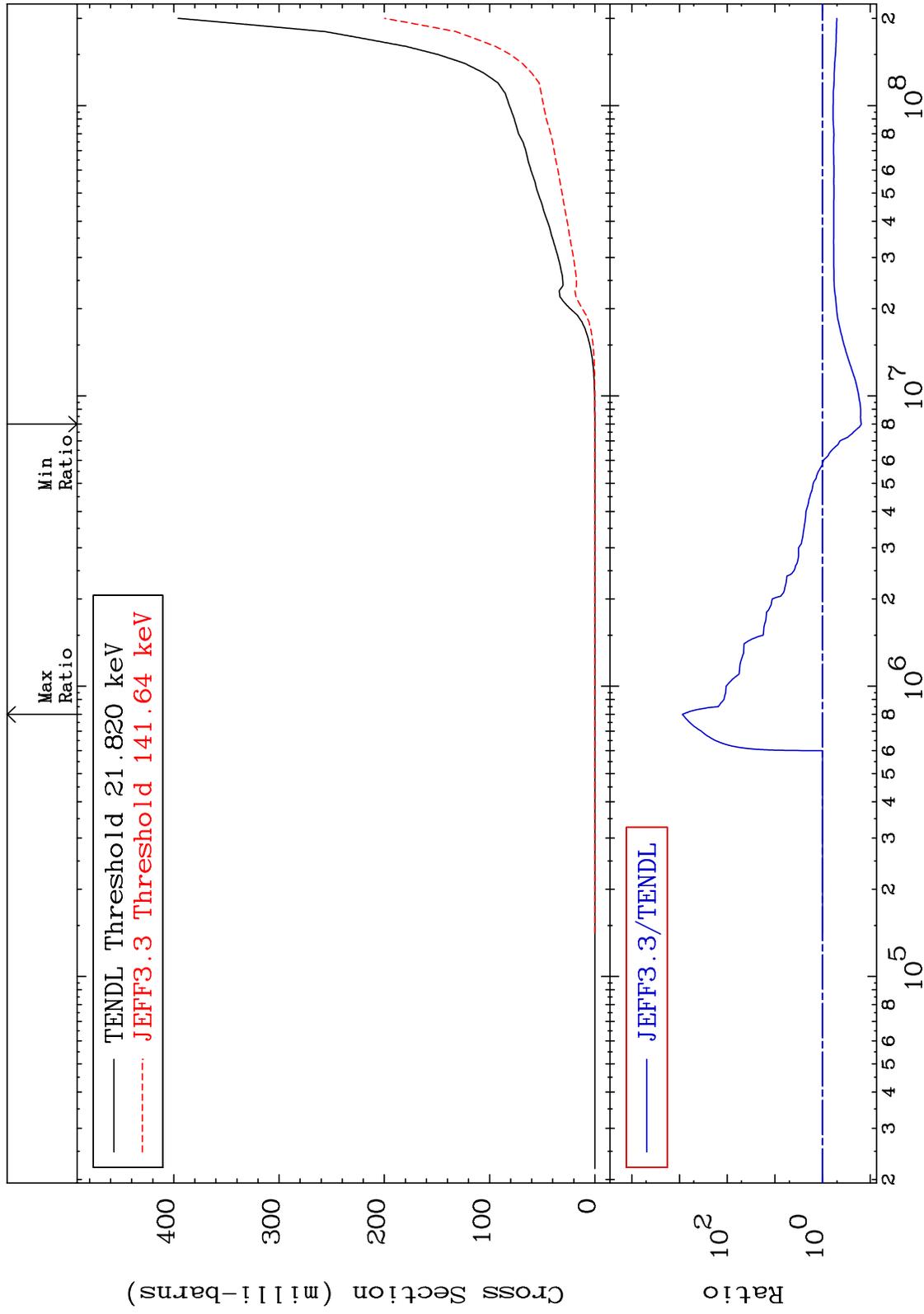


61 Incident Energy (eV) 52-Te-128

MAT 5249

He-4 Production  
Cross Section

52-Te-128  
-84.61 To 9999. %

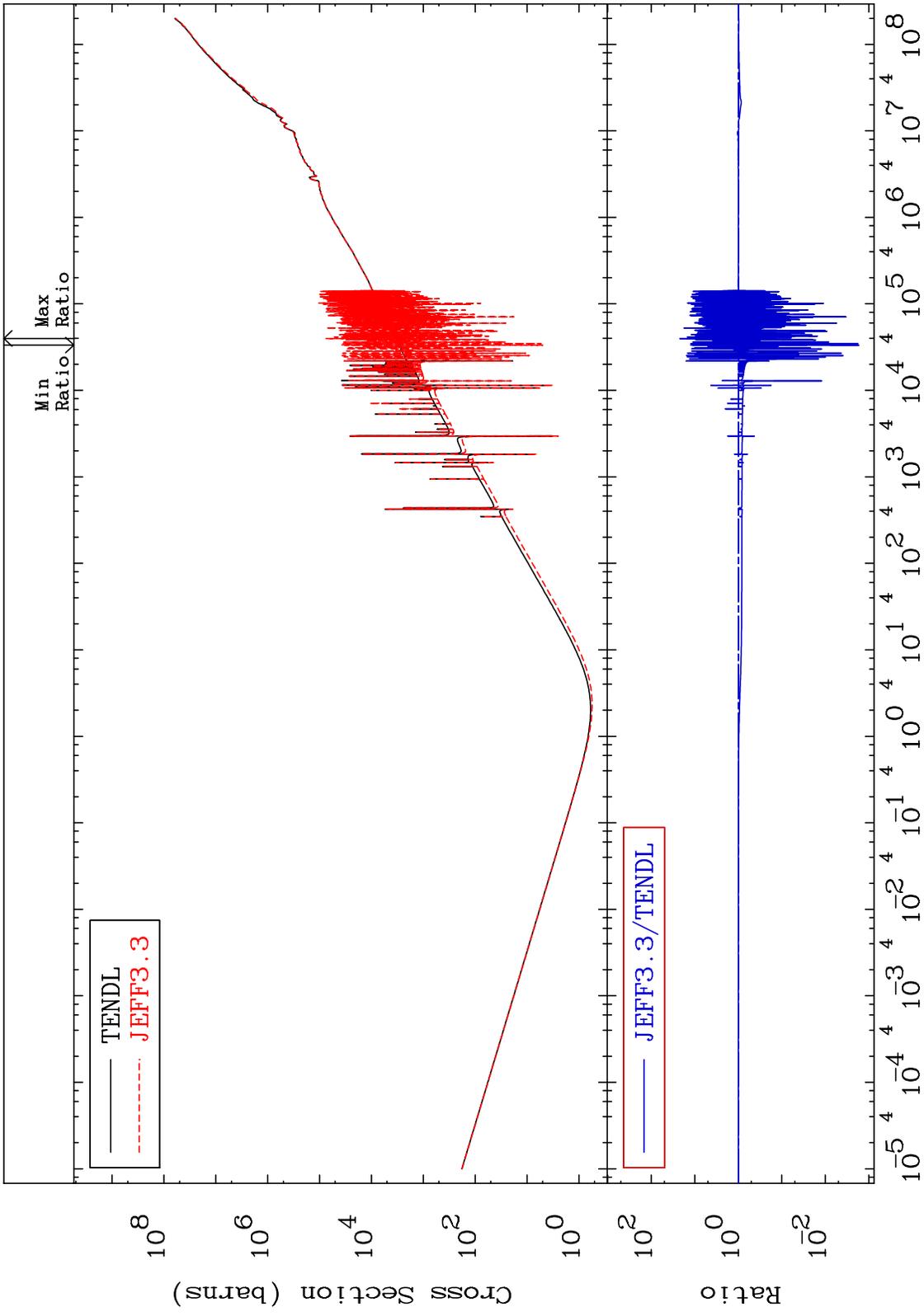


62

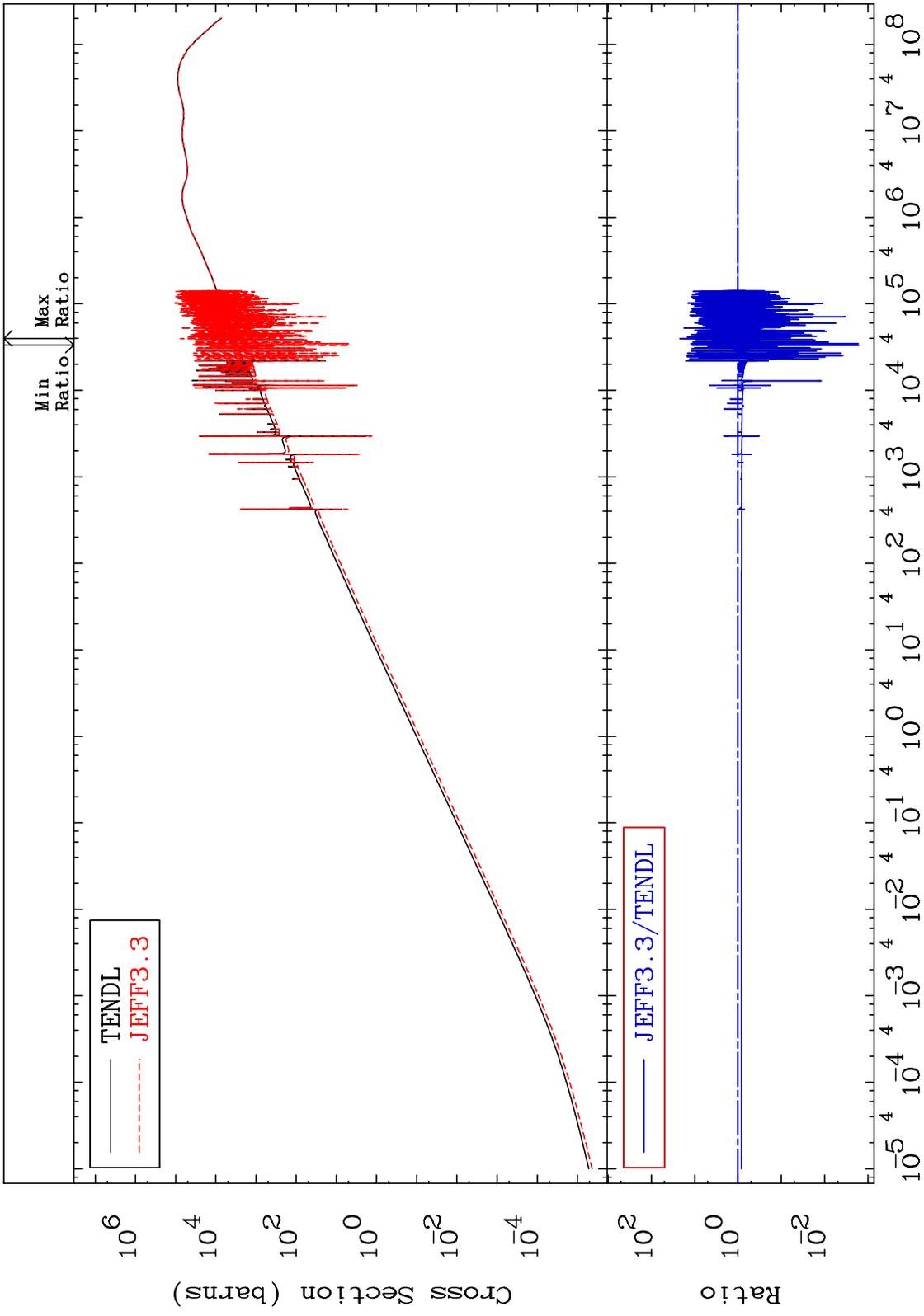
Incident Energy (eV)

52-Te-128

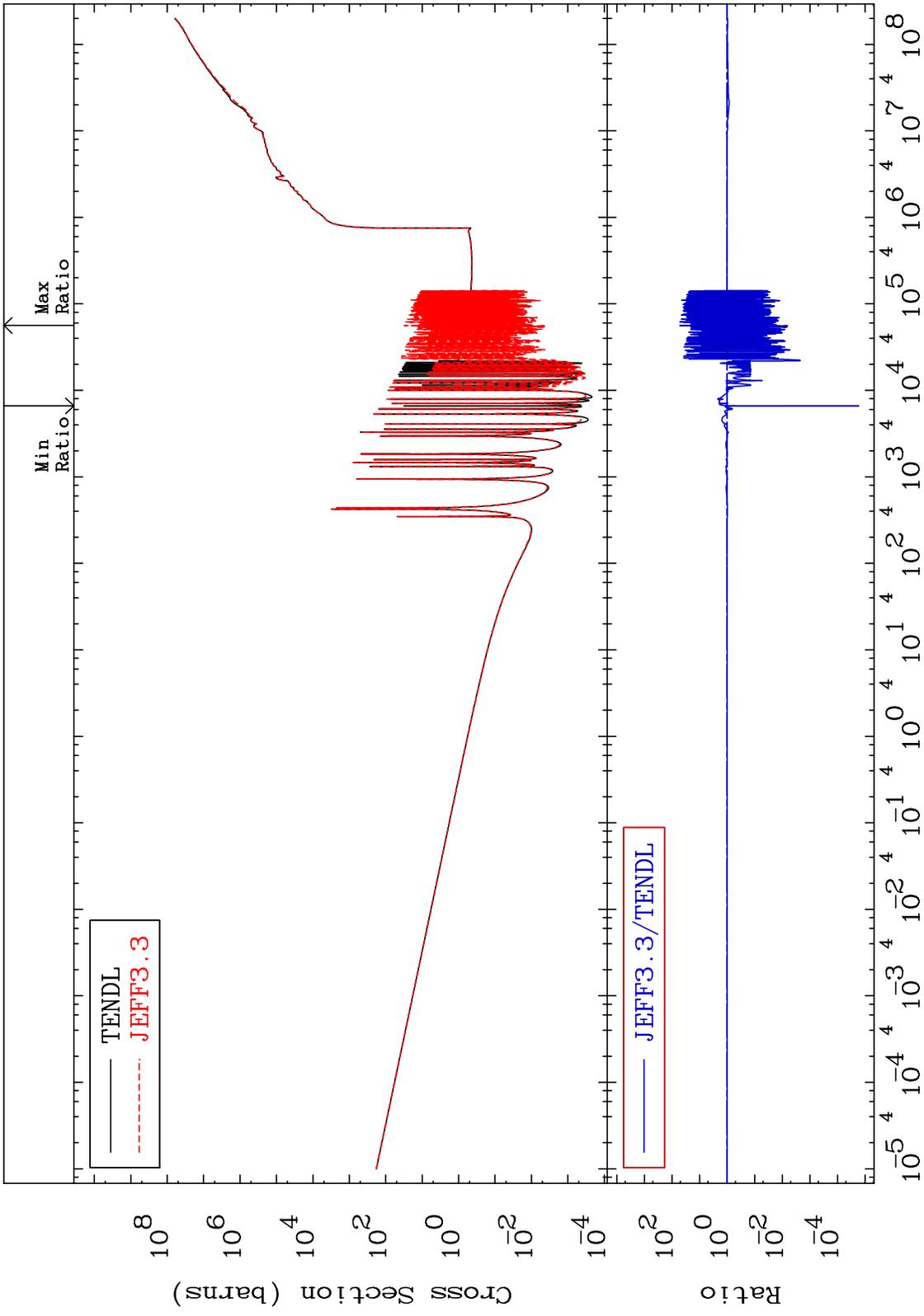
MAT 5249      Kerma total (eV-barns)      52-Te-128  
 Cross Section      -99.83 To 2113. %



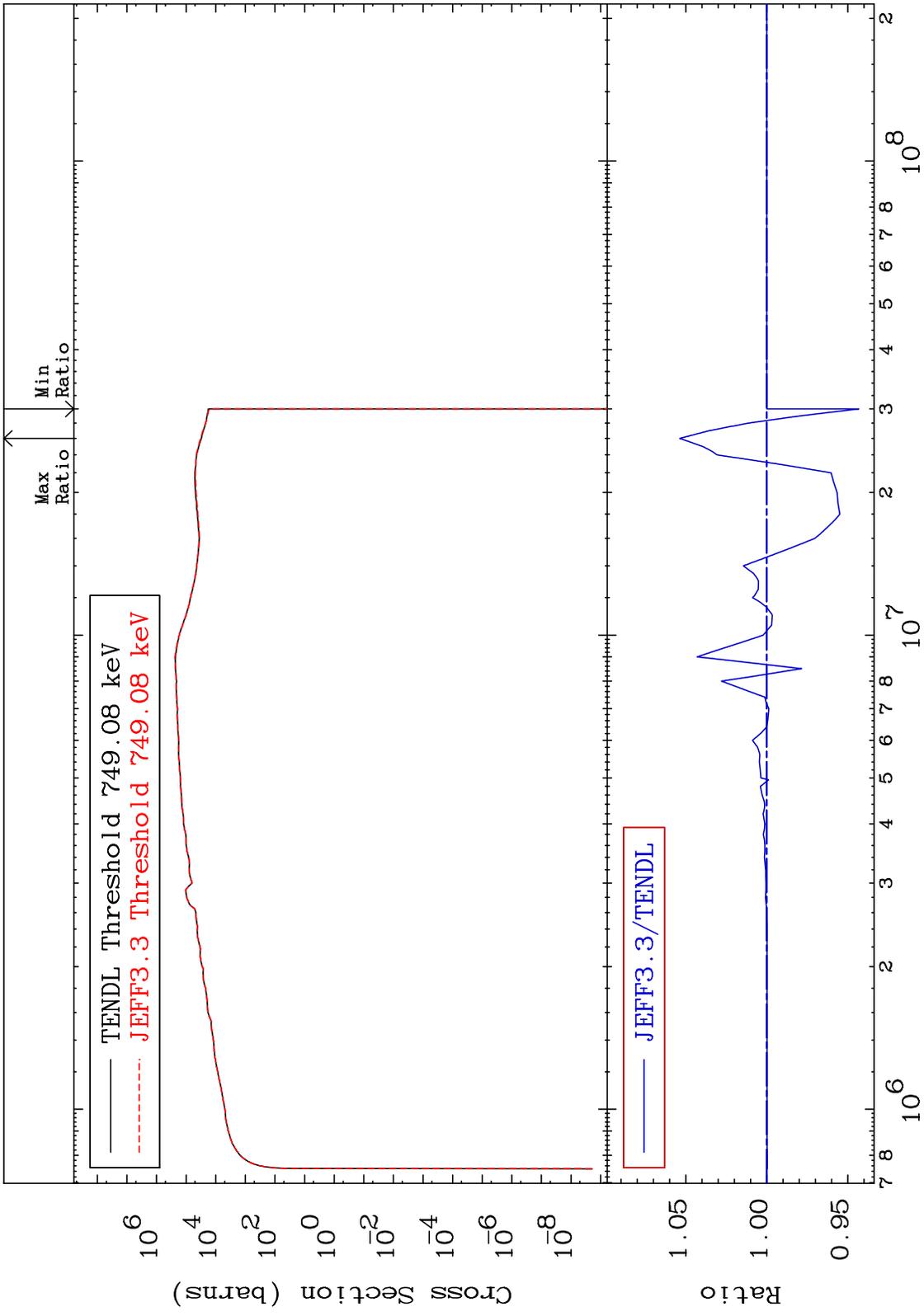
MAT 5249      Kerma elastic Cross Section      52-Te-128  
-99.84 To 2113. %



MAT 5249      Kerma non-elastic (all but mt2)      52-Te-128  
 Cross Section      -100.0 To 5169. %



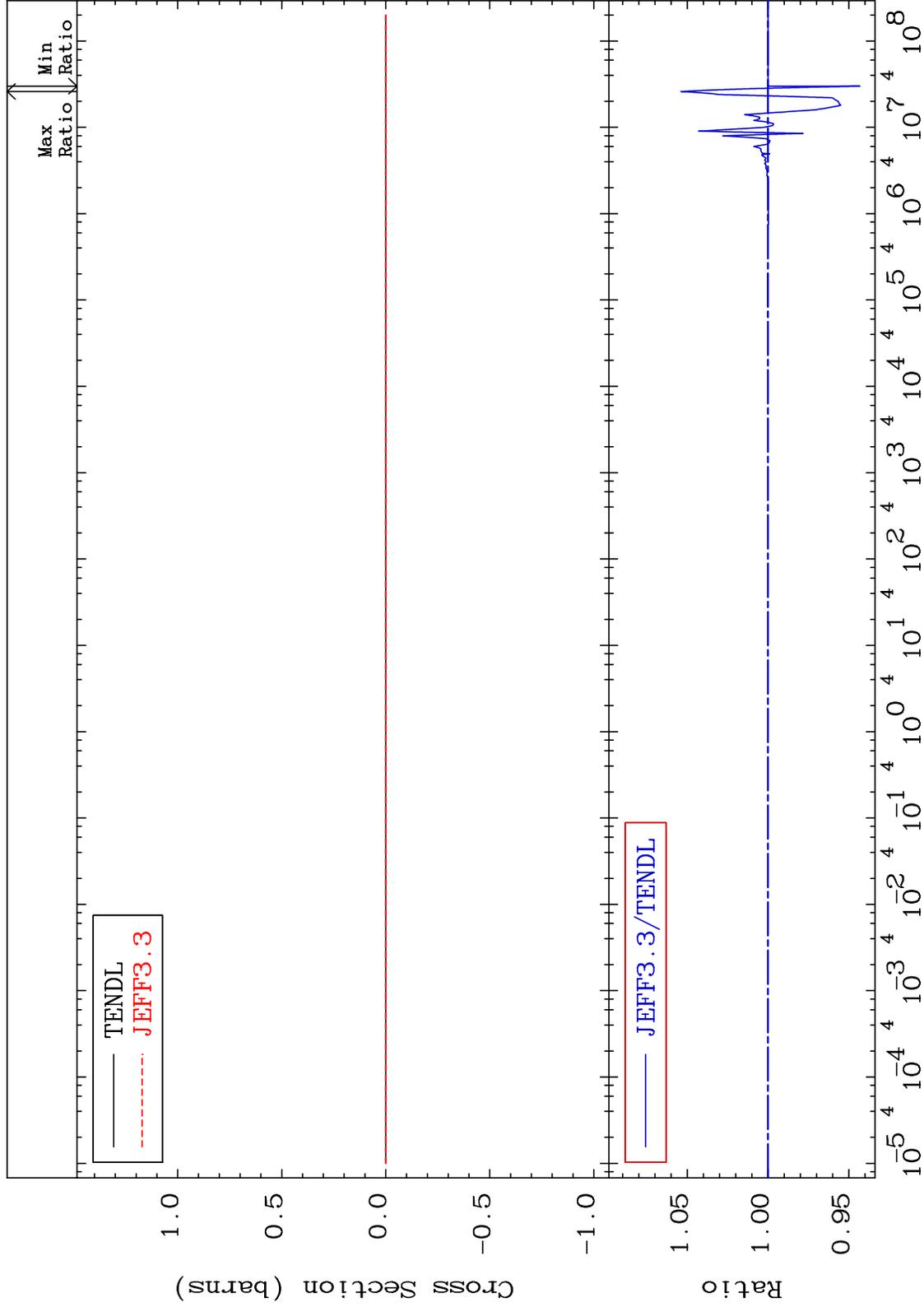
MAT 5249 Kerma inelastic (mt51-91) 52-Te-128  
 Cross Section -5.681 To 5.369 %



MAT 5249

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

52-Te-128  
-5.681 To 5.369 %



67

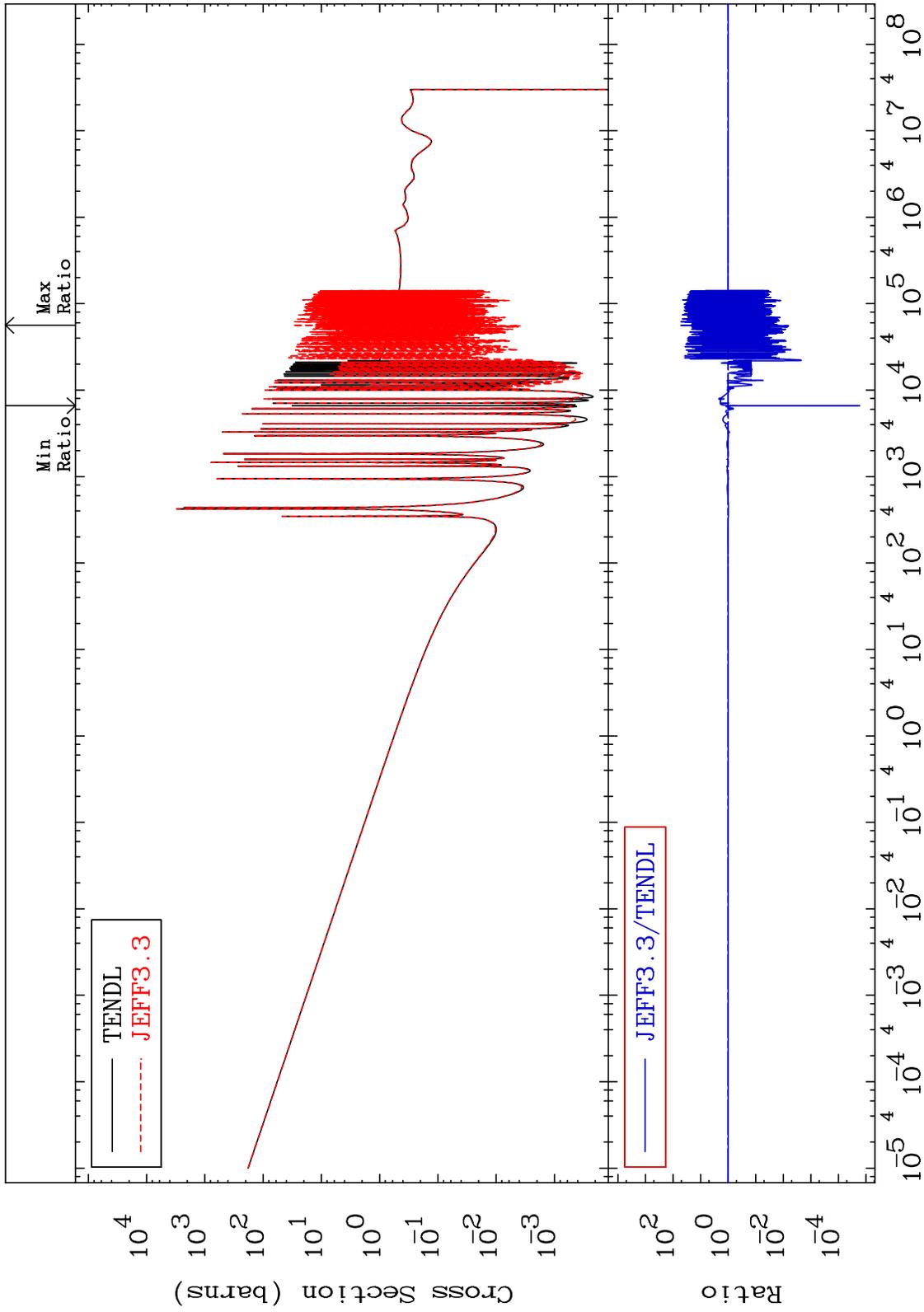
Incident Energy (eV)

52-Te-128

MAT 5249

Kerma capture (mt102)  
Cross Section

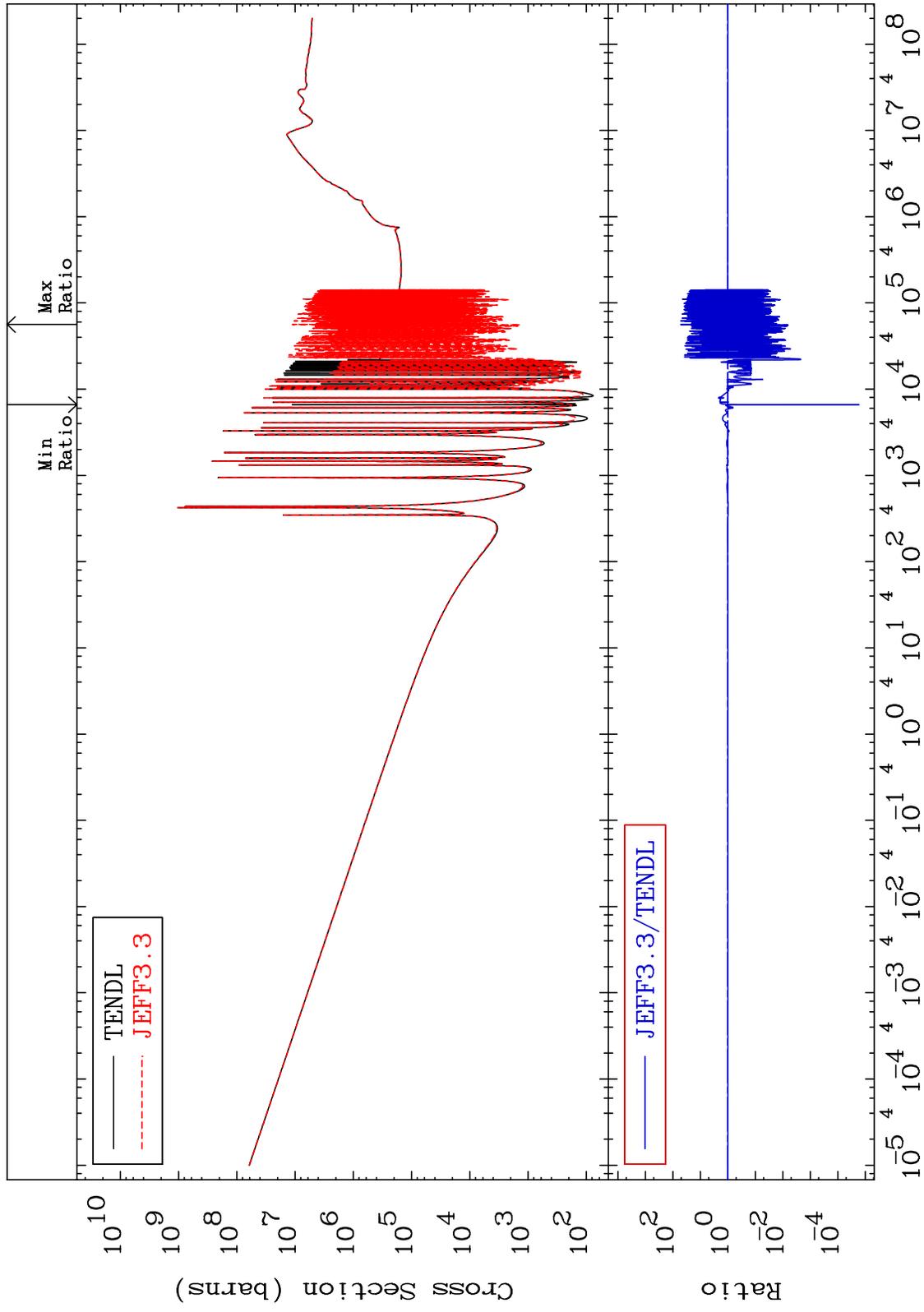
52-Te-128  
-100.0 To 5169. %



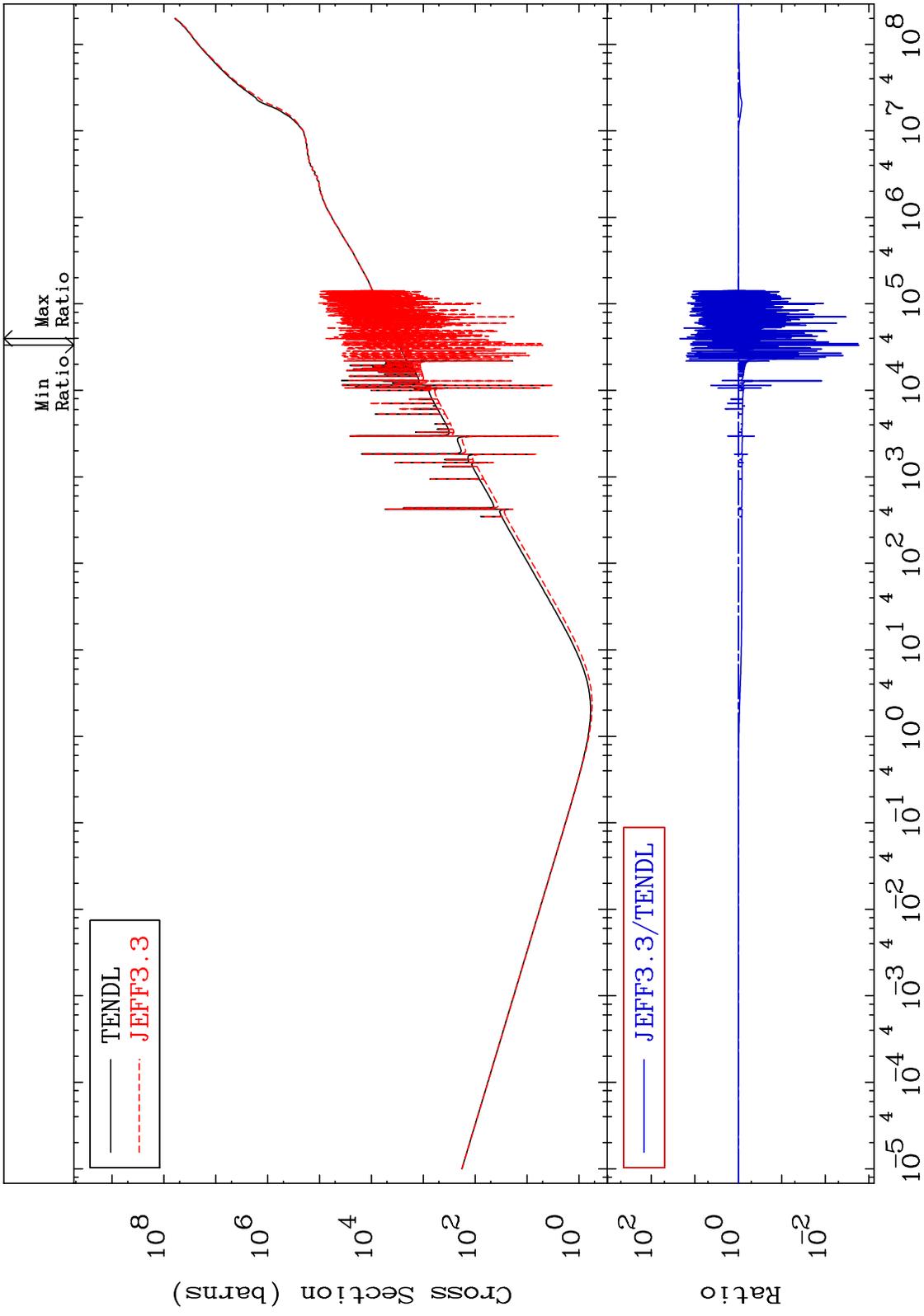
MAT 5249

Total photon (eV-barns)  
Cross Section

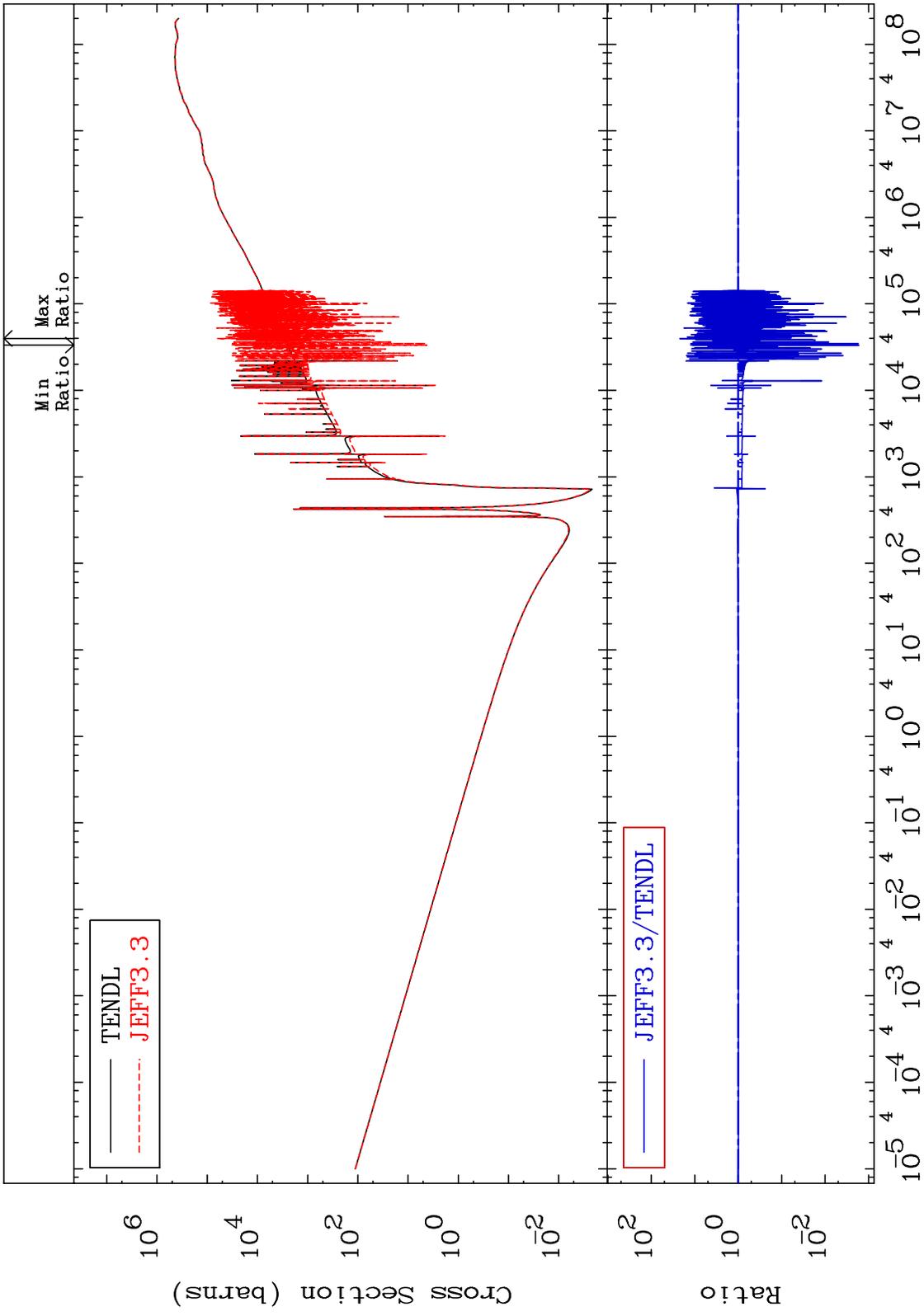
52-Te-128  
-100.0 To 5169. %



MAT 5249      Total kinematic kerma (high limit)      52-Te-128  
Cross Section      -99.83 To 2113. %



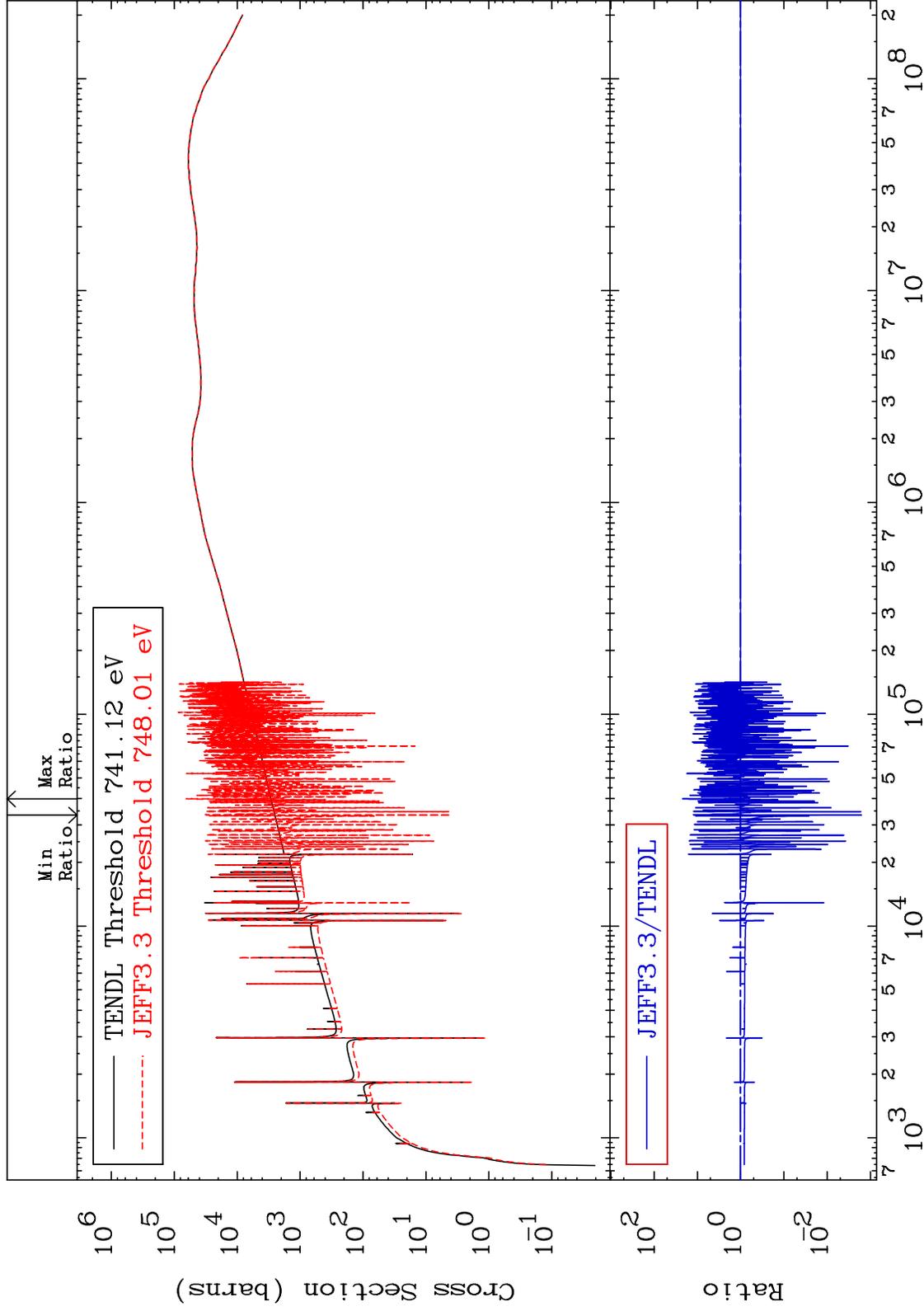
MAT 5249      Dpa total (eV-barns)      52-Te-128  
 Cross Section      -99.83 To 2112. %



MAT 5249

Dpa elastic (mt2)  
Cross Section

52-Te-128  
-99.84 To 2113. %



72

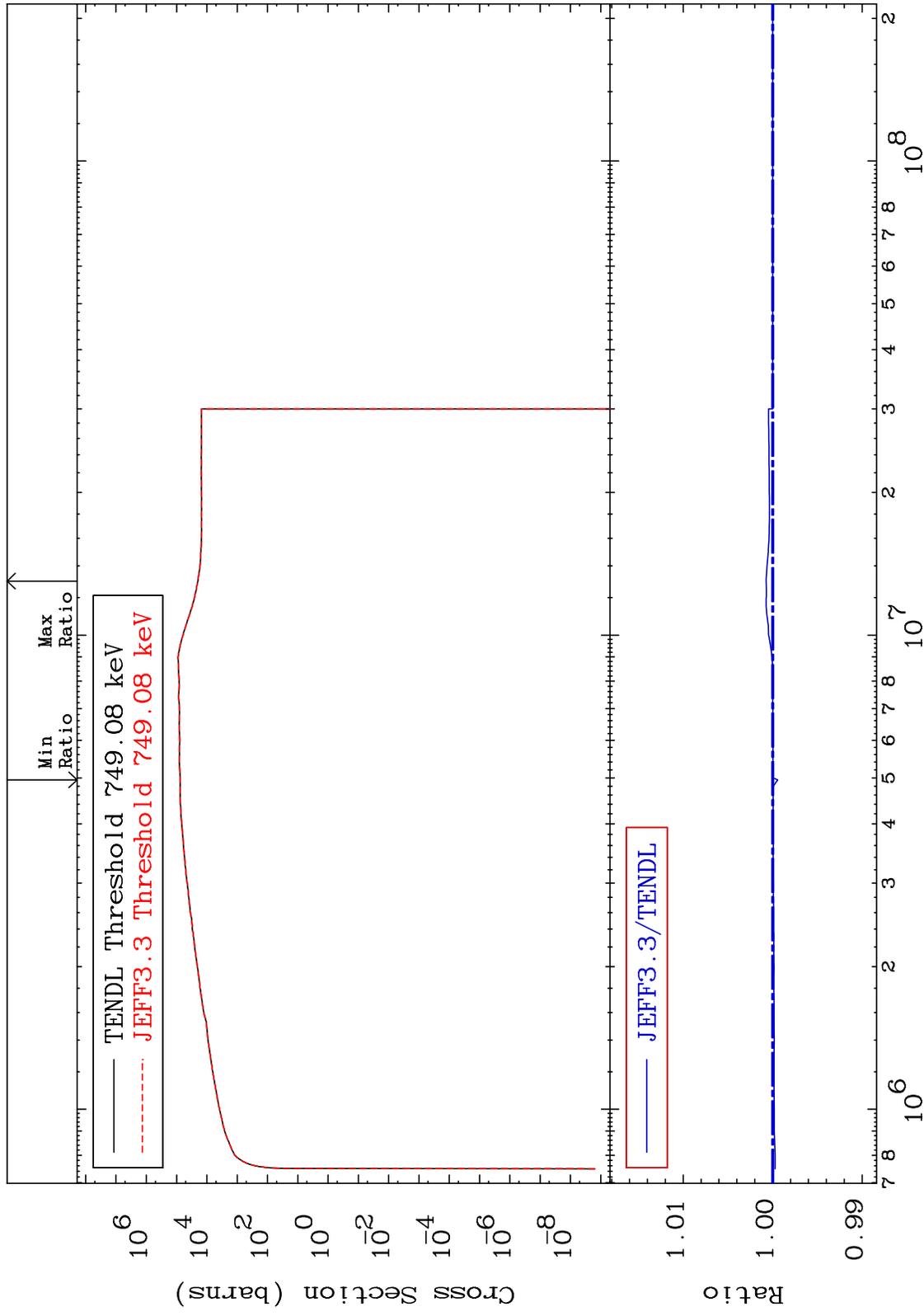
Incident Energy (eV)

52-Te-128

MAT 5249

Dpa inelastic (mt51-91)  
Cross Section

52-Te-128  
-0.057 To 0.074 %

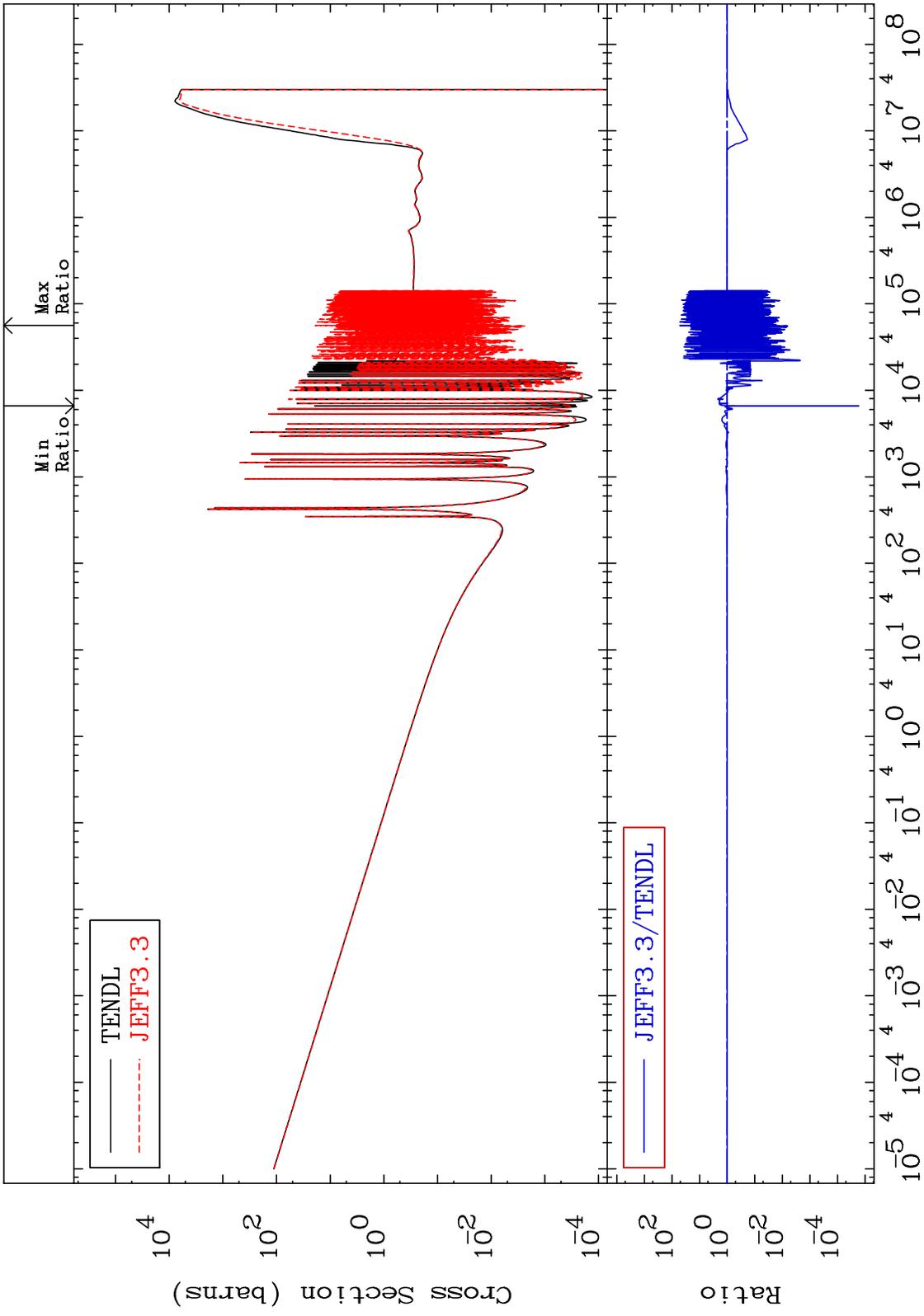


73

Incident Energy (eV)

52-Te-128

MAT 5249      Dpa disappearance (mt102 -120)      52-Te-128  
 Cross Section      -100.0 To 5169. %



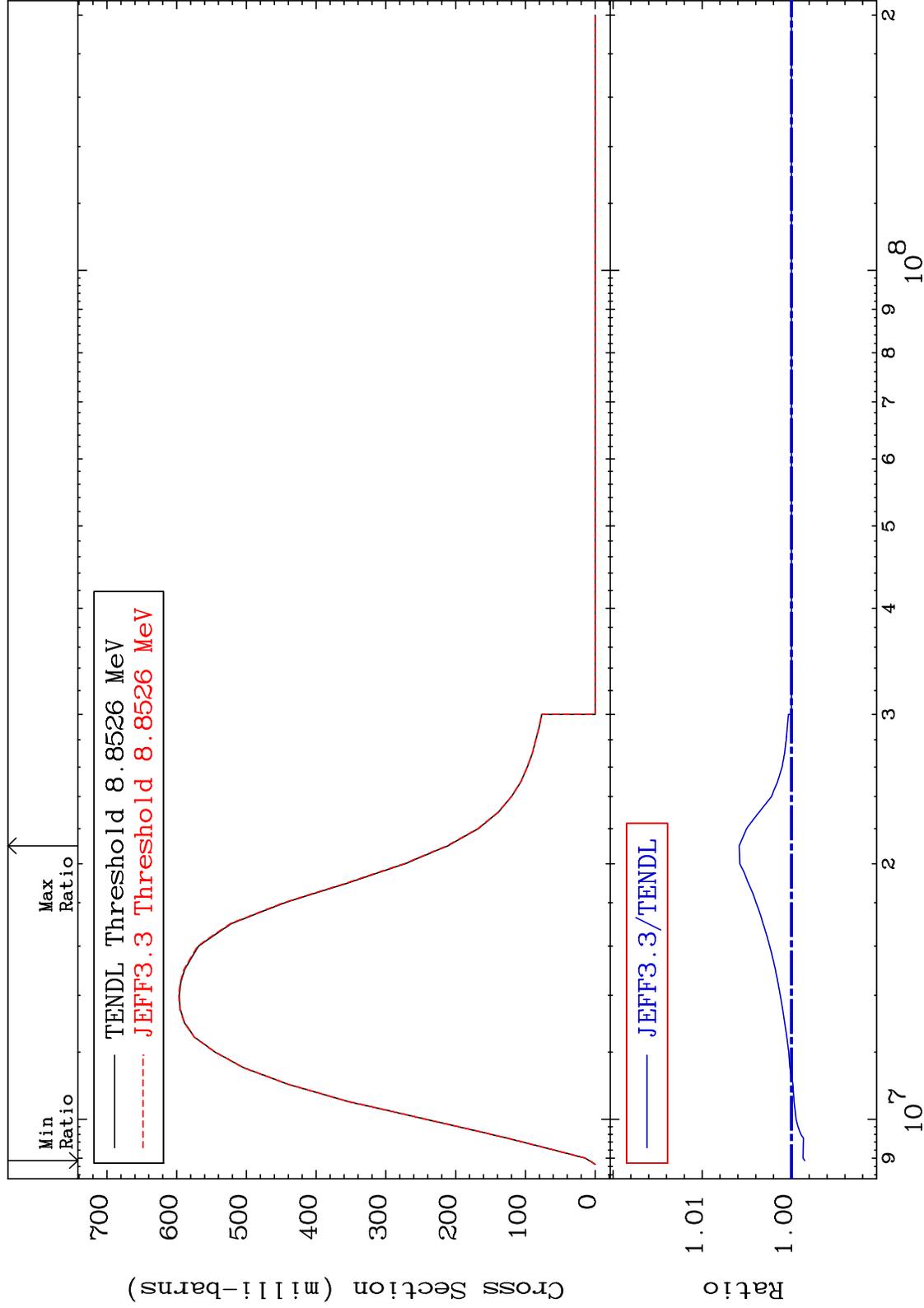
74      Incident Energy (eV)      52-Te-128

MAT 5249

(n,2n):52-Te-127g

52-Te-128

Radionuclide Production Cross Section -0.151 To 0.585 %

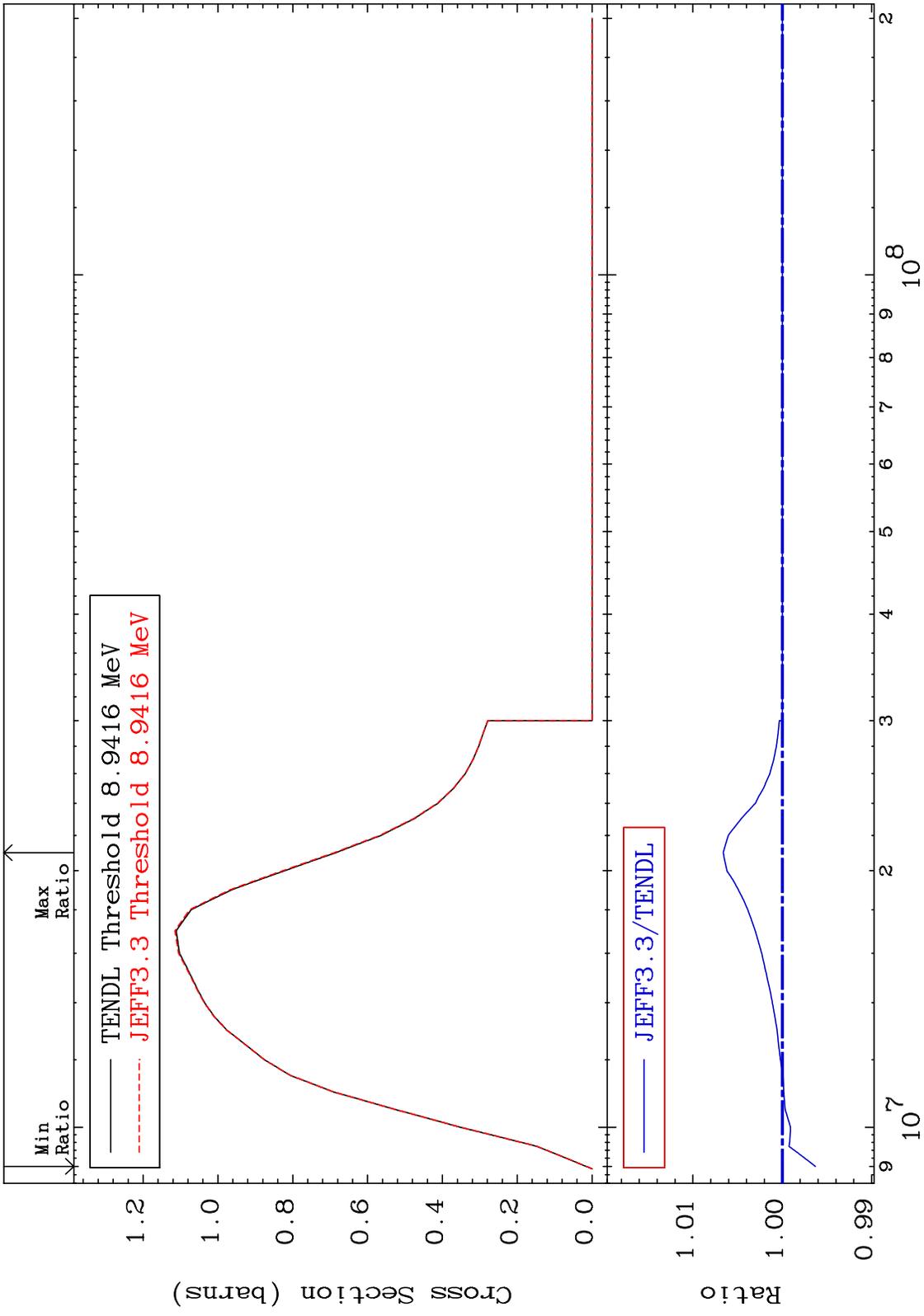


75

Incident Energy (eV)

52-Te-128

MAT 5249 (n,2n):52-Te-127m2 52-Te-128  
Radionuclide Production Cross Section -0.370 To 0.661 %



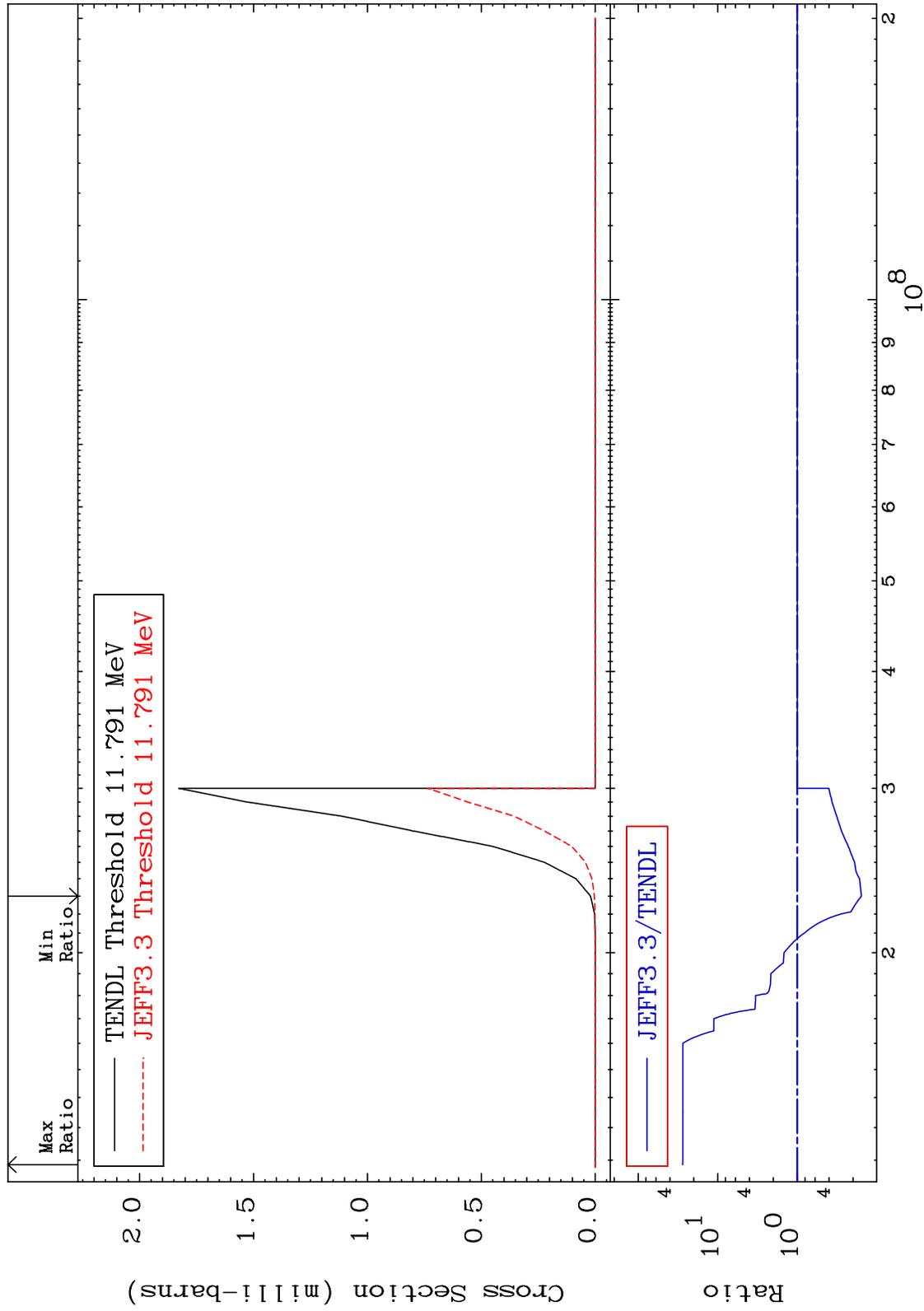


MAT 5249

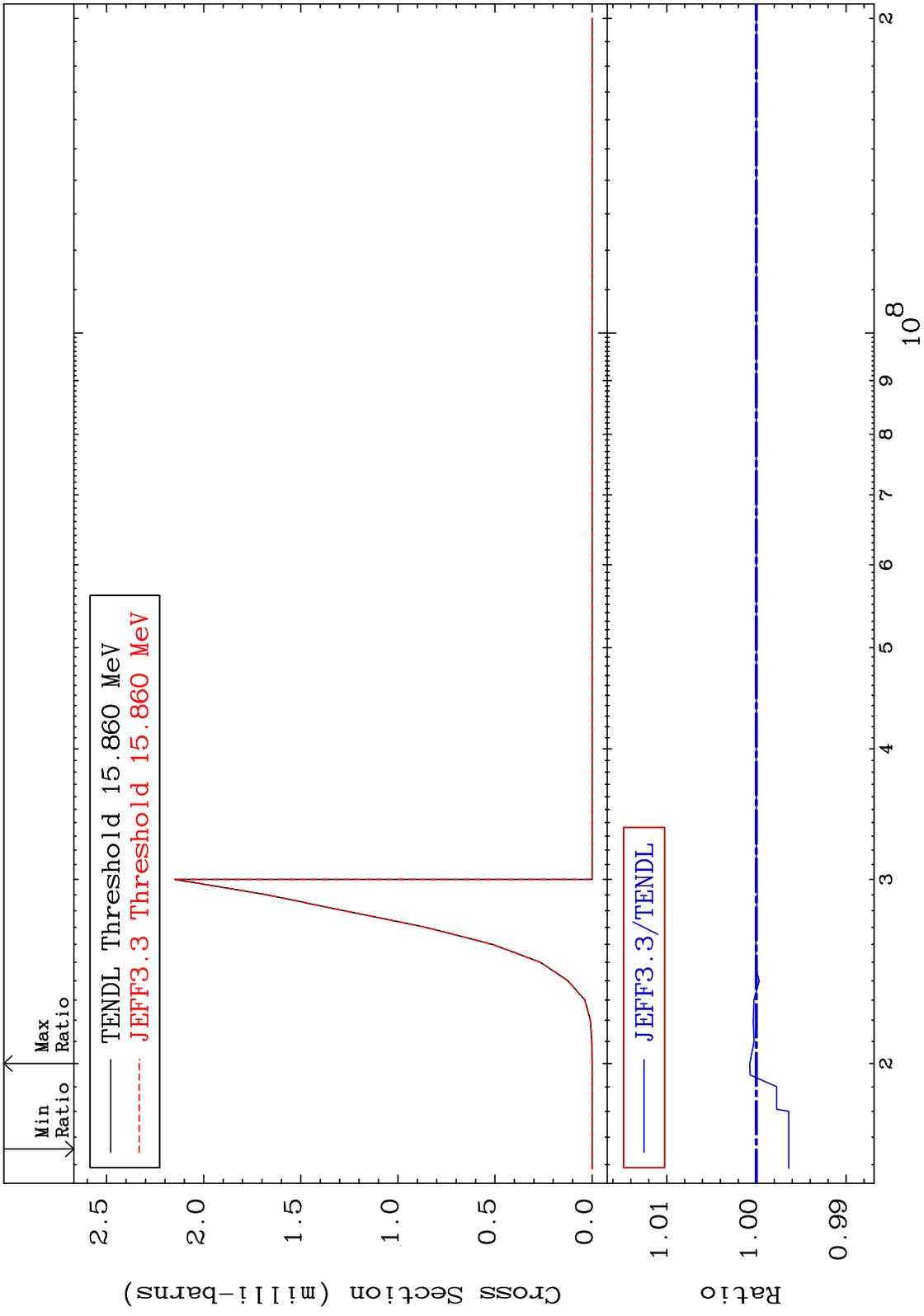
(n,2n)  $\alpha$ :50-Sn-123m1

52-Te-128

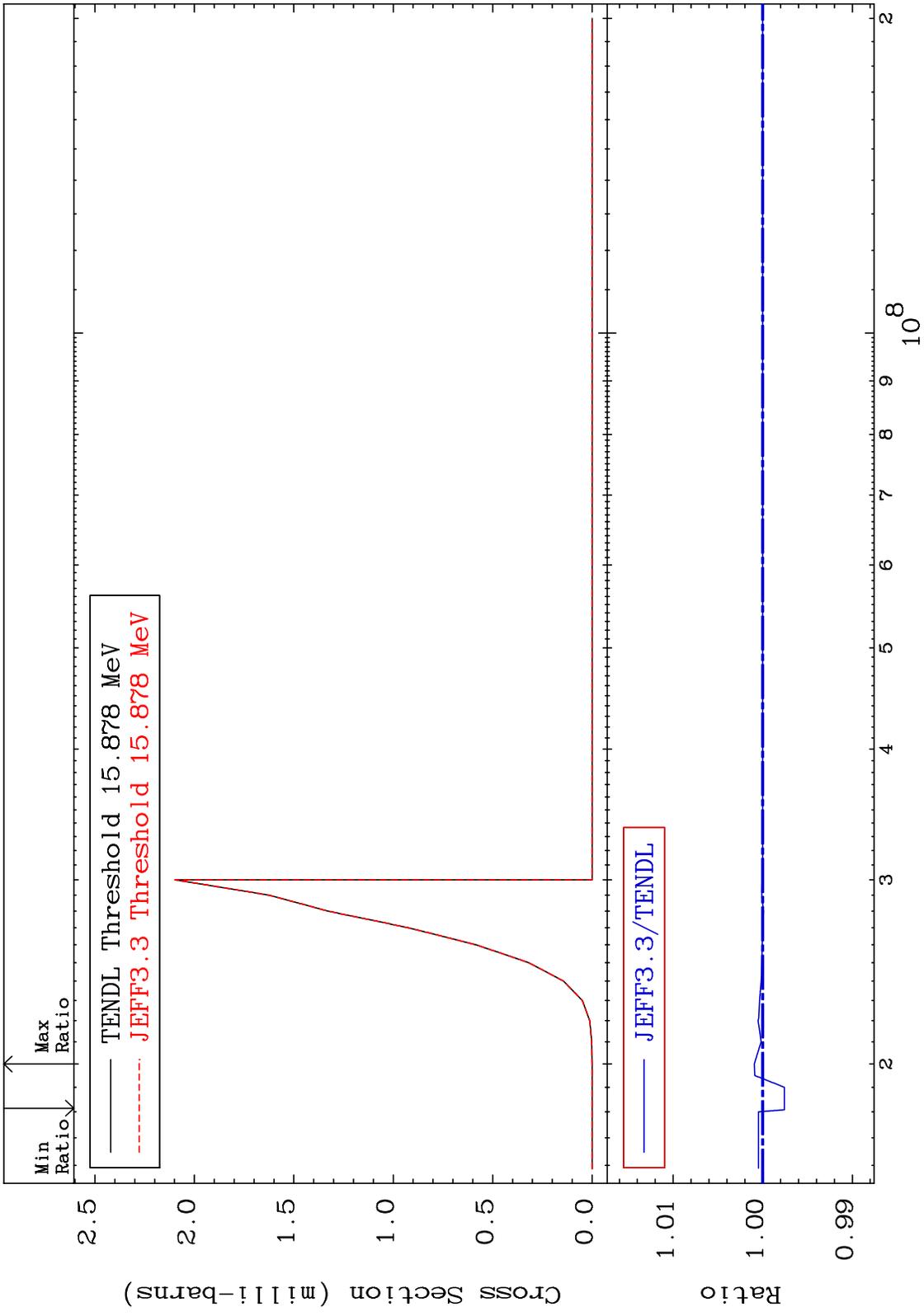
Radionuclide Production Cross Section -84.34 To 2661. %



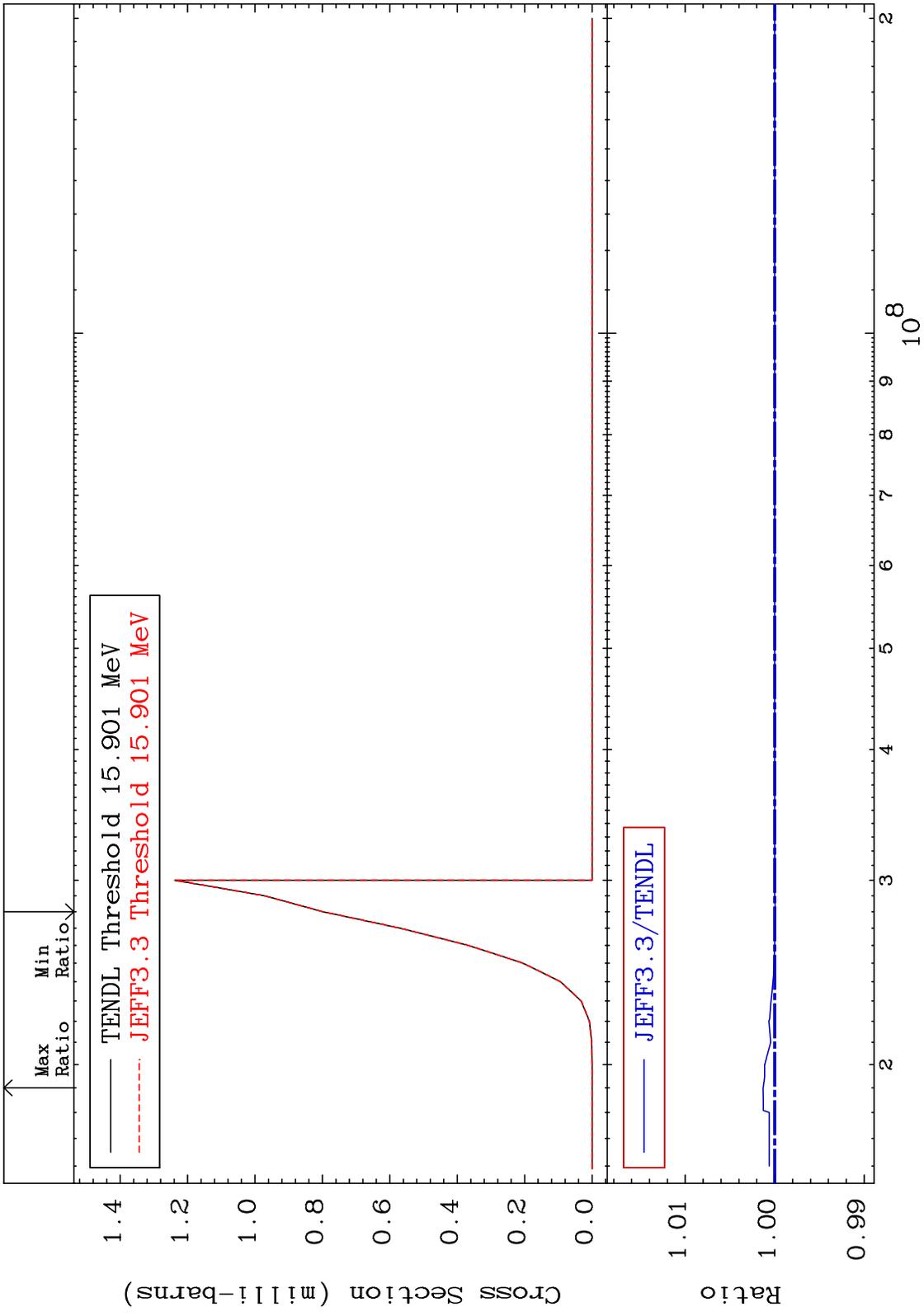
MAT 5249 (n, n') d:51-Sb-126g 52-Te-128  
 Radionuclide Production Cross Section -0.362 To 0.073 %



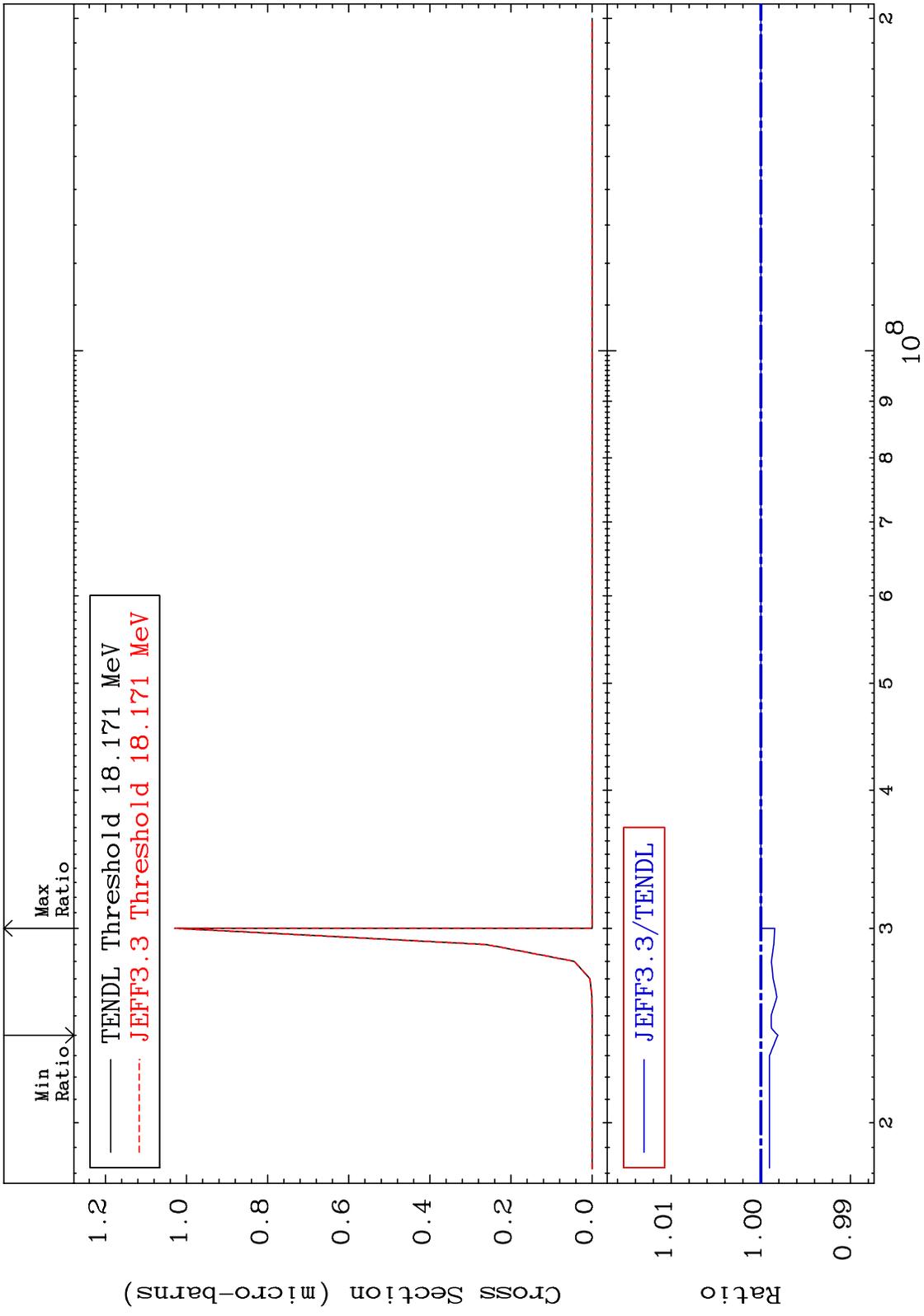
MAT 5249 (n,n') d:51-Sb-126m1 52-Te-128  
 Radionuclide Production Cross Section -0.240 To 0.094 %



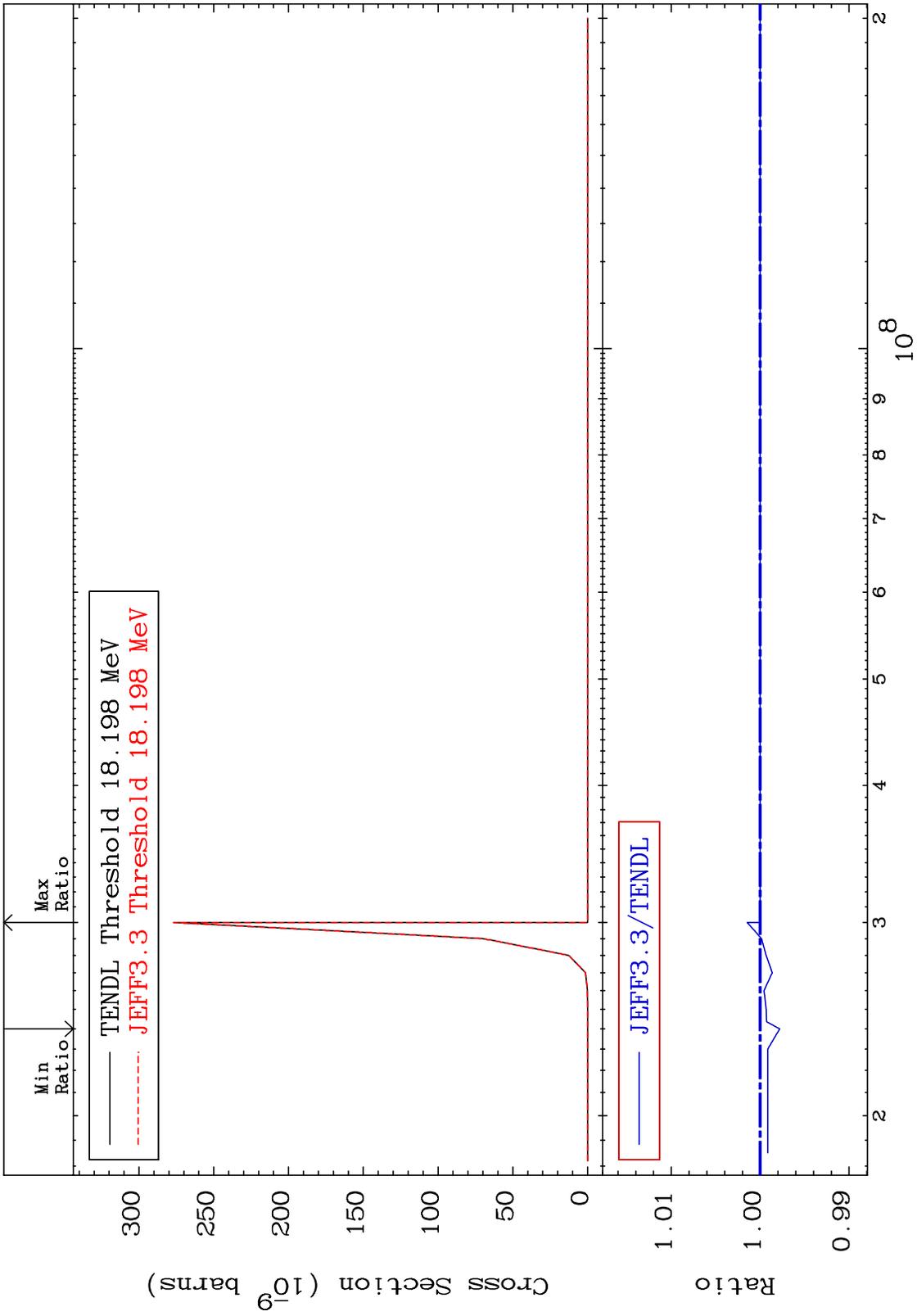
MAT 5249 (n,n') d:51-Sb-126m2 52-Te-128  
 Radionuclide Production Cross Section -0.007 To 0.129 %



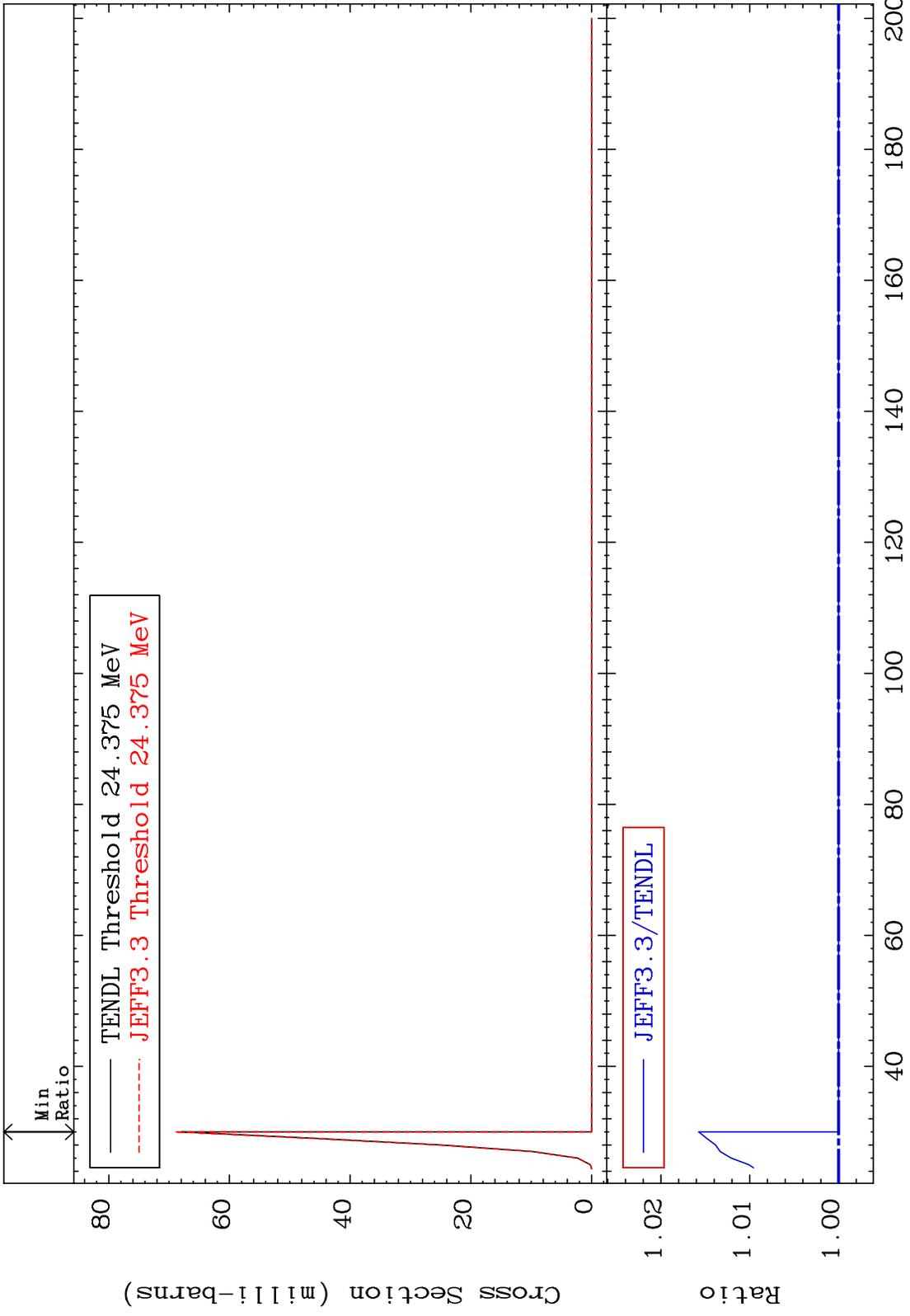
MAT 5249 (n,n') He-3:50-Sn-125g 52-Te-128  
 Radionuclide Production Cross Section -0.188 To 0.000 %



MAT 5249 (n,n') He-3:50-Sn-125m1 52-Te-128  
 Radionuclide Production Cross Section -0.219 To 0.146 %



MAT 5249 (n,4n):52-Te-125g 52-Te-128  
 Radionuclide Production Cross Section 0.000 To 1.575 %

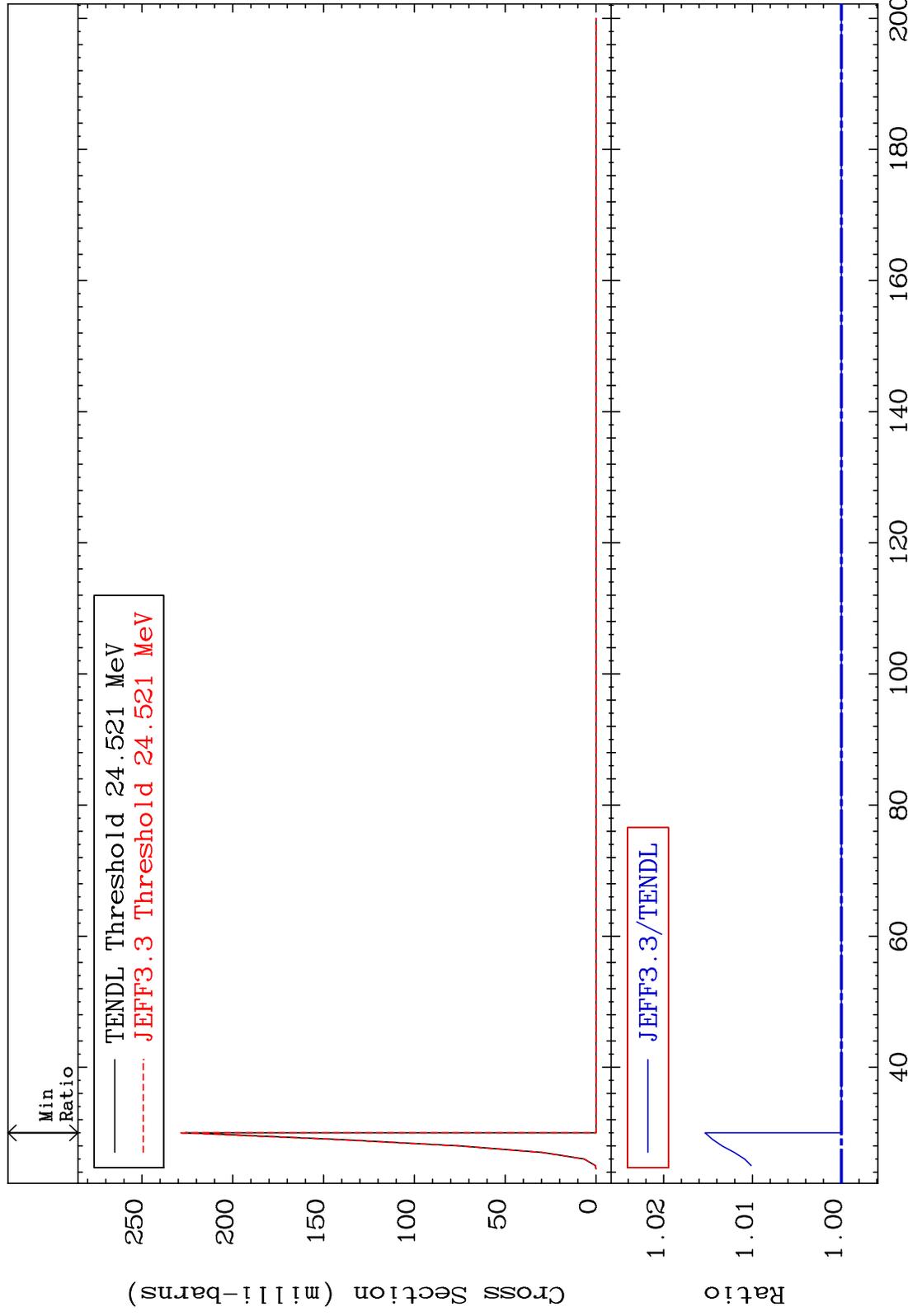


MAT 5249

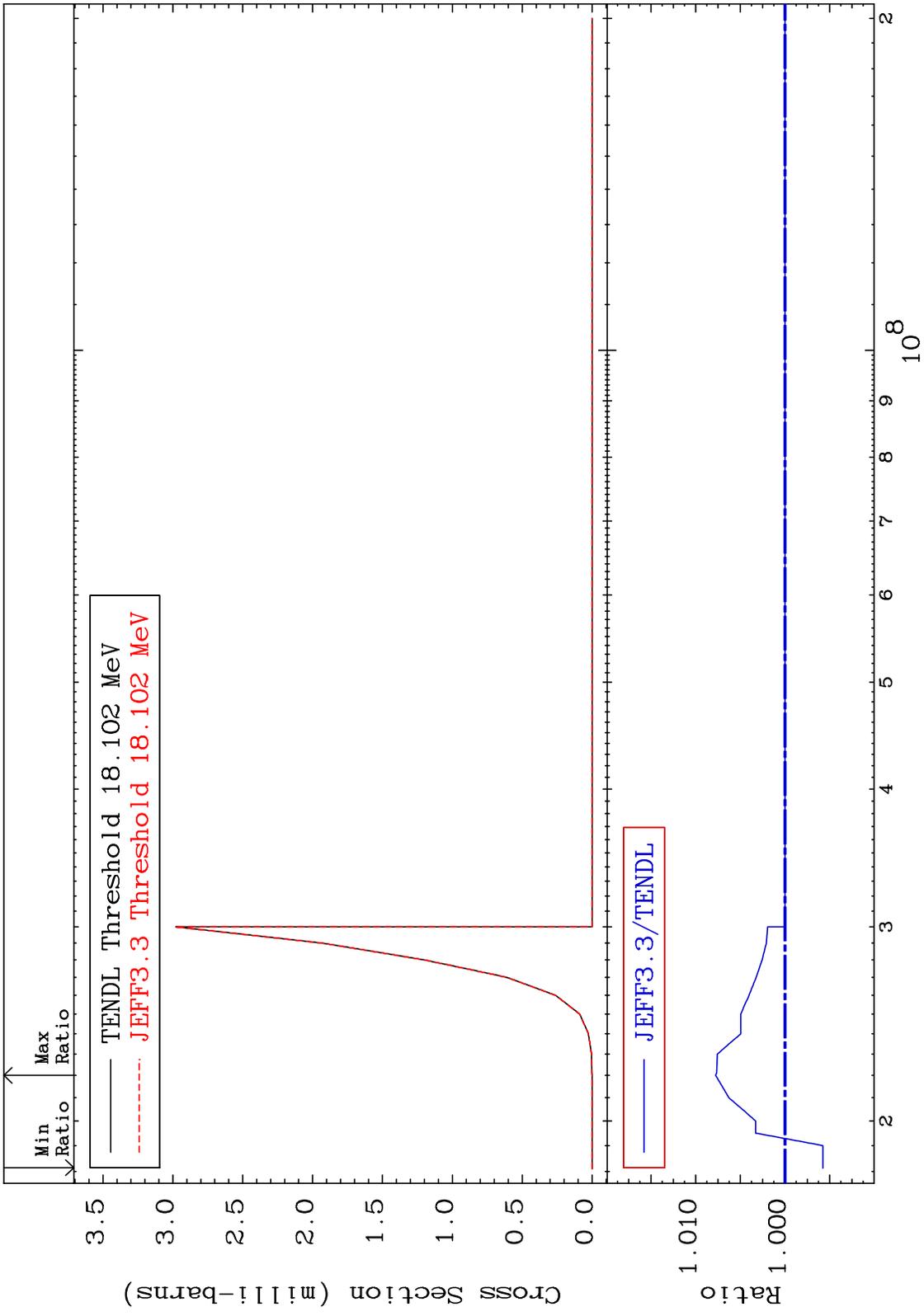
(n,4n):52-Te-125m2

52-Te-128

Radionuclide Production Cross Section 0.000 To 1.534 %



MAT 5249 (n,2n) p:51-Sb-126g 52-Te-128  
 Radionuclide Production Cross Section -0.424 To 0.776 %

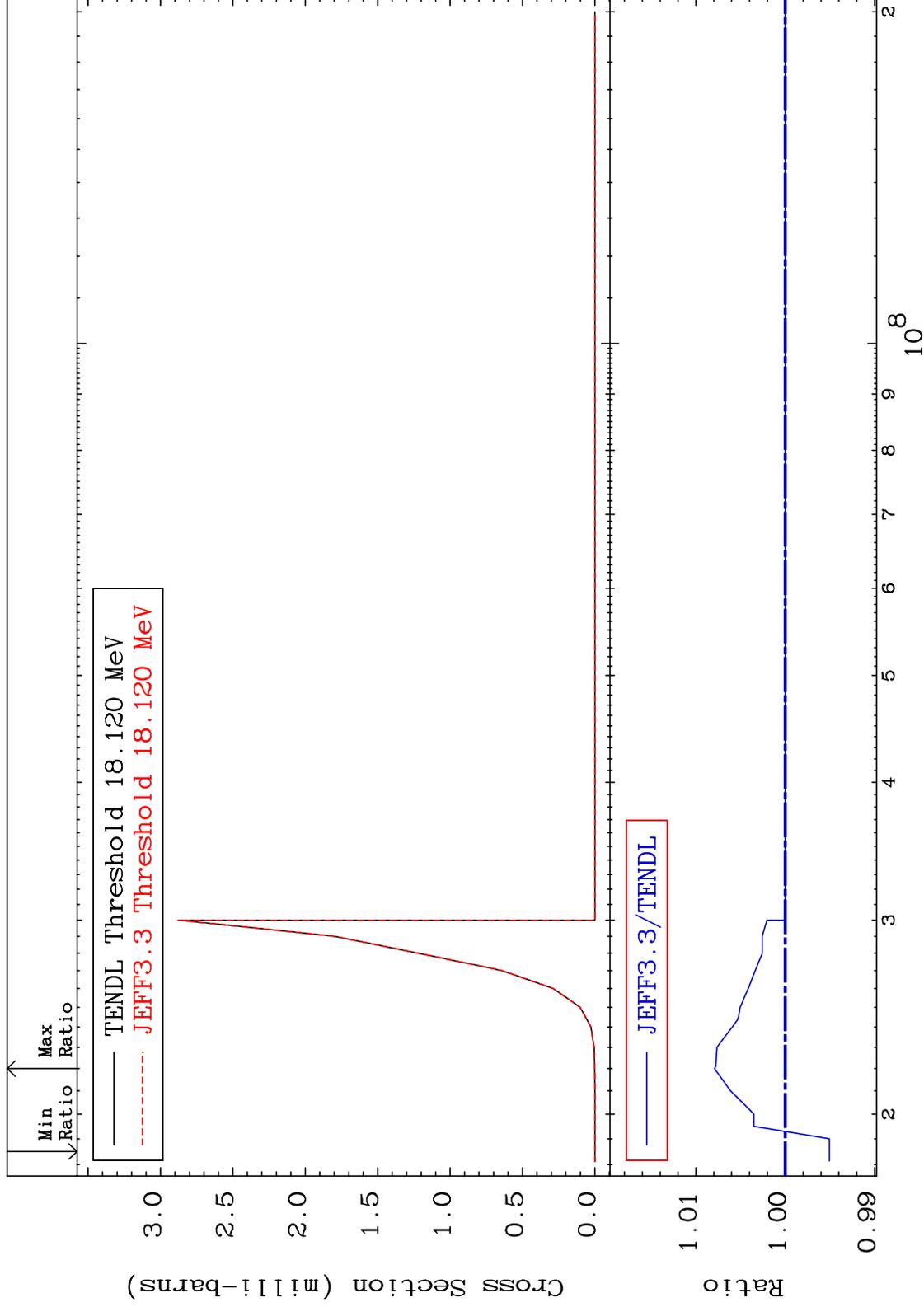


MAT 5249

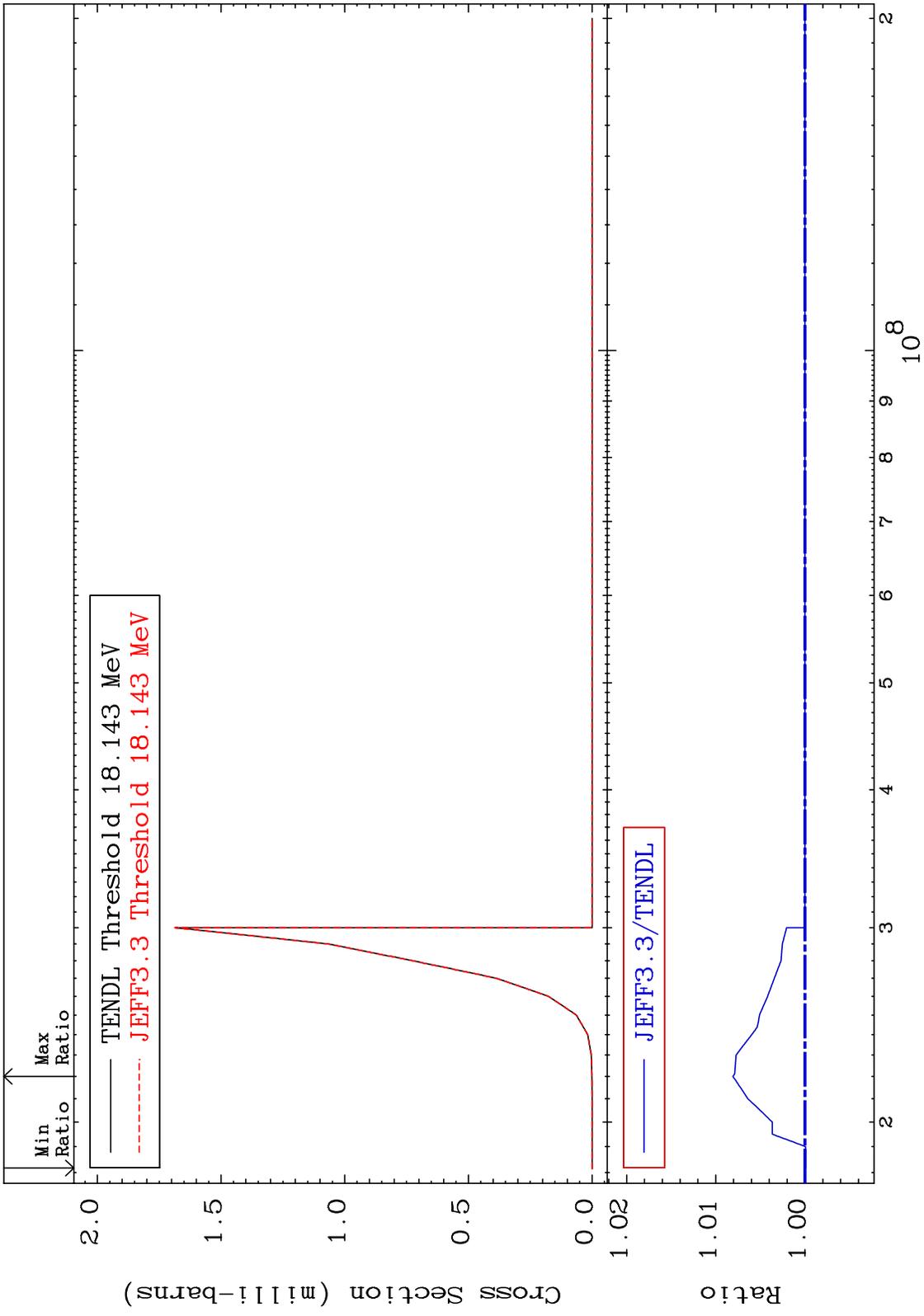
(n,2n) p:51-Sb-126m1

52-Te-128

Radionuclide Production Cross Section -0.494 To 0.793 %



MAT 5249 (n,2n) p:51-Sb-126m2 52-Te-128  
 Radionuclide Production Cross Section -0.008 To 0.808 %

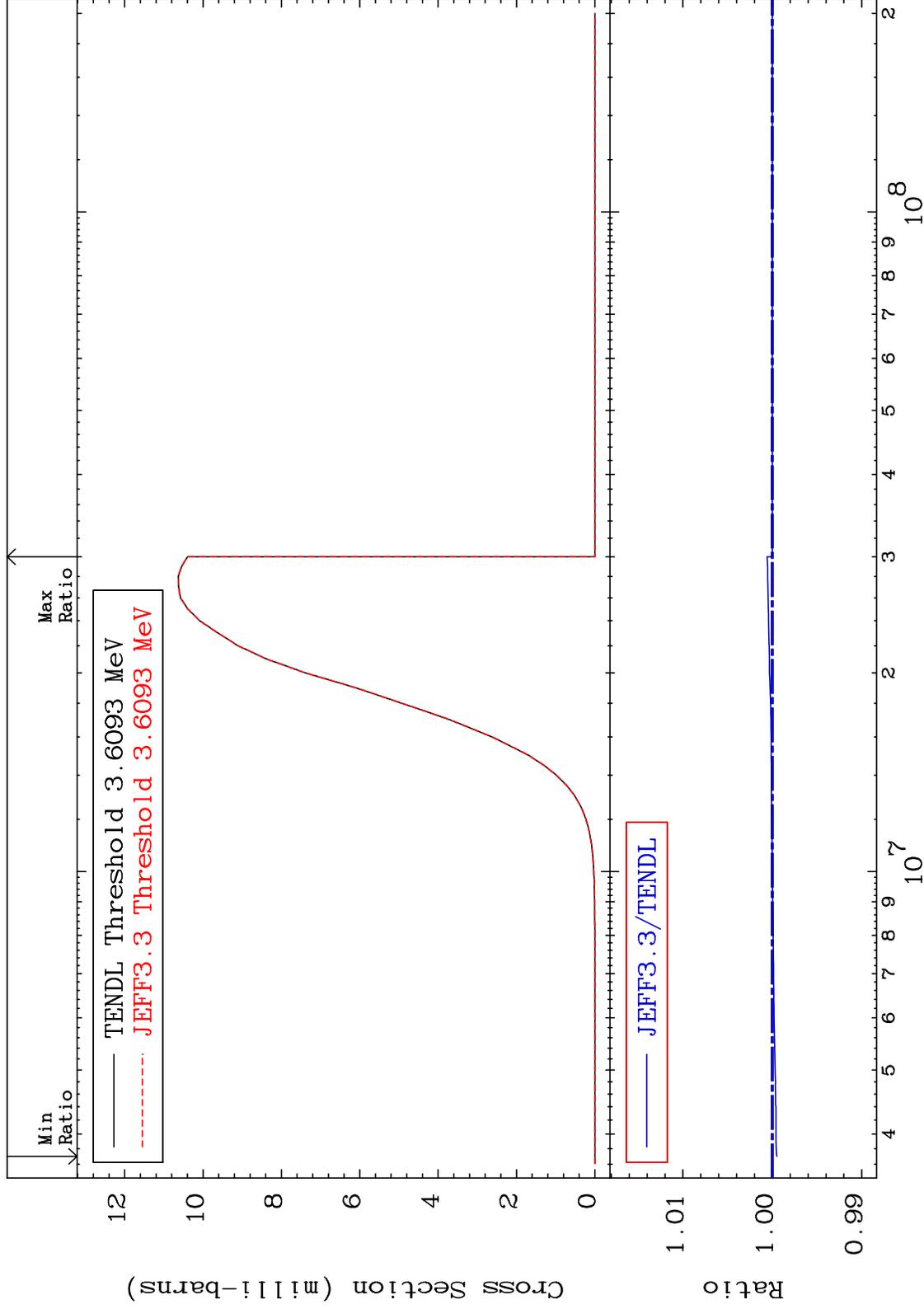


MAT 5249

(n,p):51-Sb-128g

52-Te-128

Radionuclide Production Cross Section -0.050 To 0.060 %

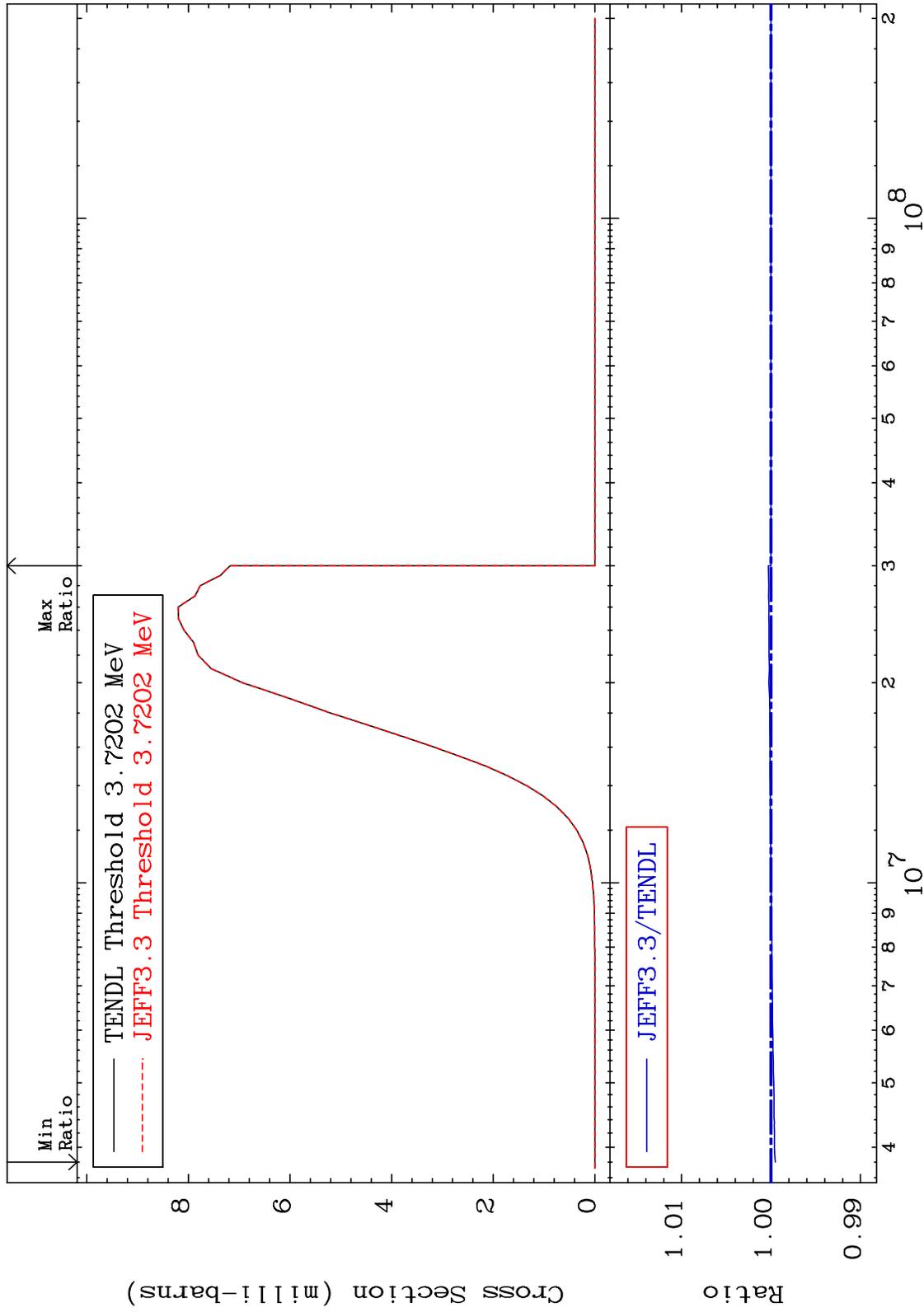


MAT 5249

(n,p):51-Sb-128m1

52-Te-128

Radionuclide Production Cross Section -0.048 To 0.029 %

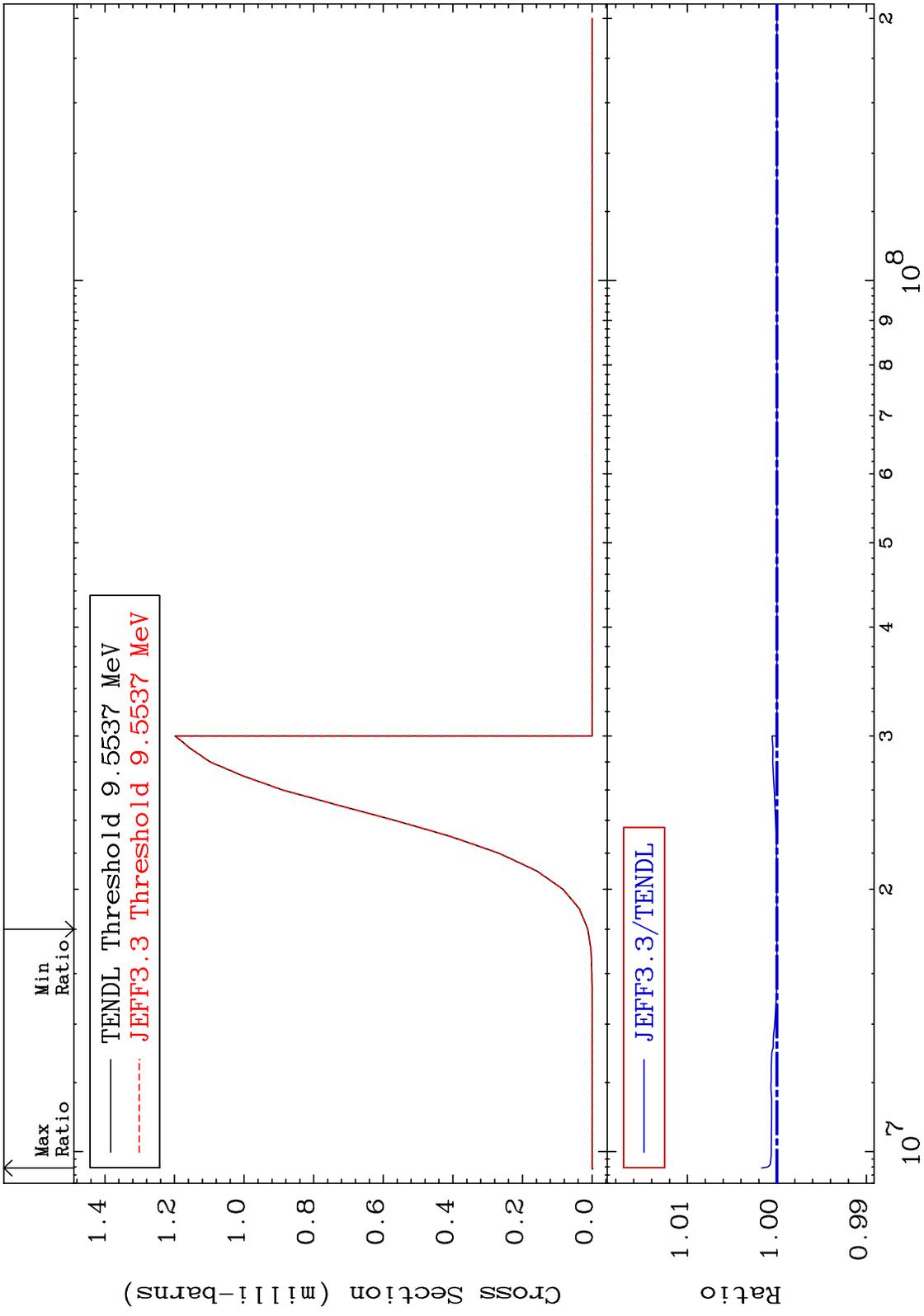


90

Incident Energy (eV)

52-Te-128

MAT 5249 (n,t):51-Sb-126g 52-Te-128  
 Radionuclide Production Cross Section 0.000 To 0.170 %

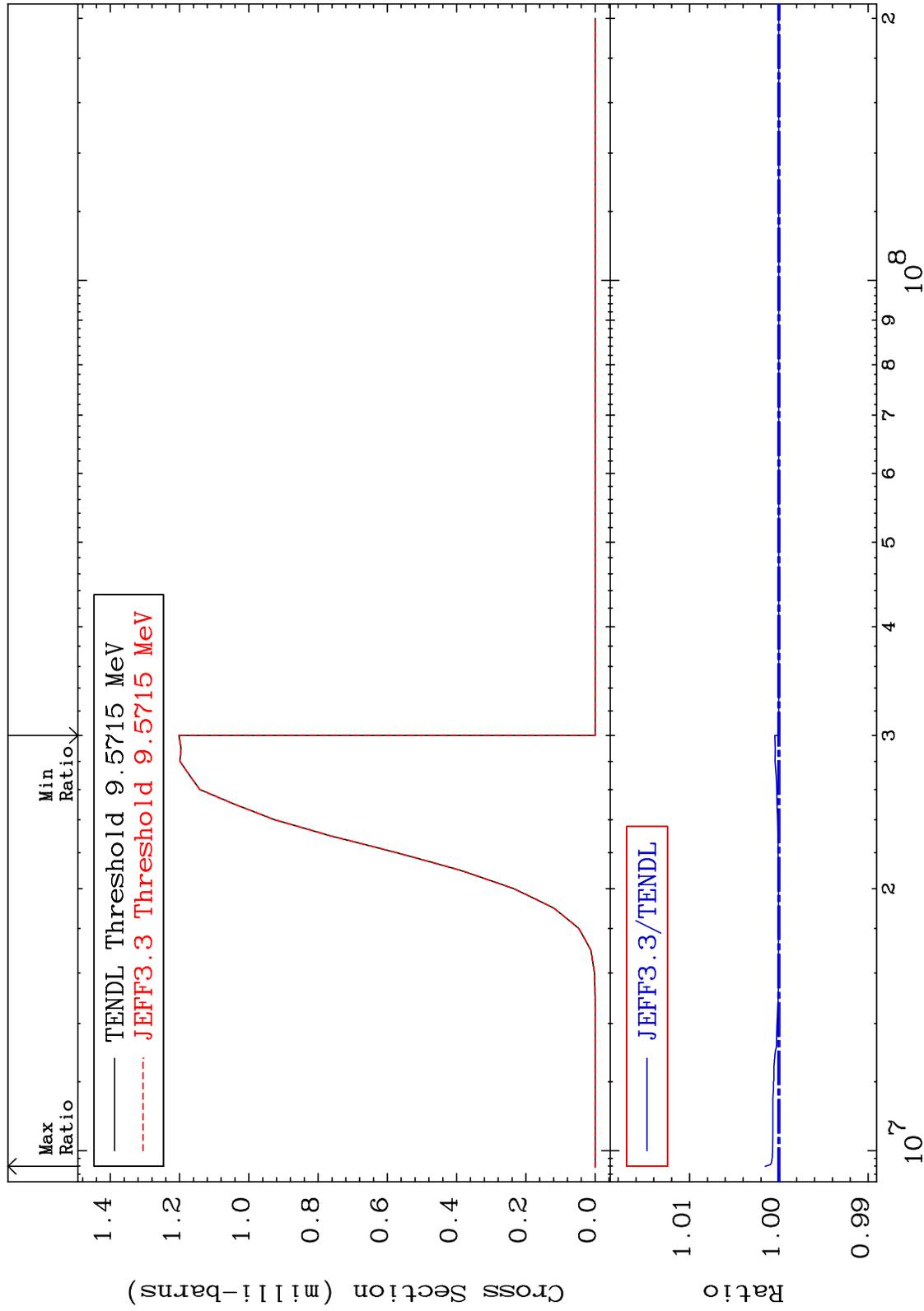


MAT 5249

(n, t): 51-Sb-126m1

52-Te-128

Radionuclide Production Cross Section 0.000 To 0.153 %



92

Incident Energy (eV)

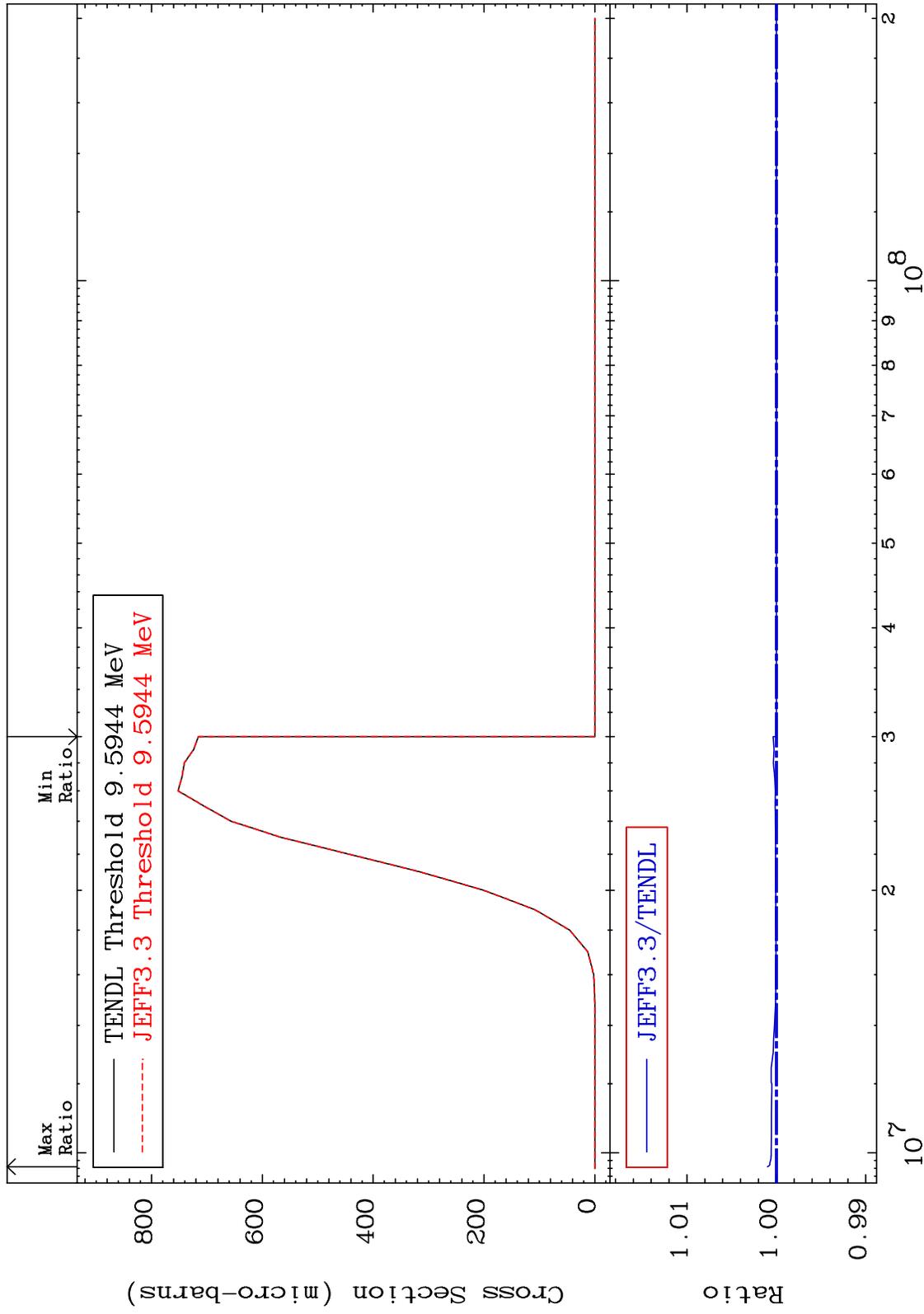
52-Te-128

MAT 5249

(n, t) : 51-Sb-126m2

52-Te-128

Radionuclide Production Cross Section 0.000 To 0.099 %

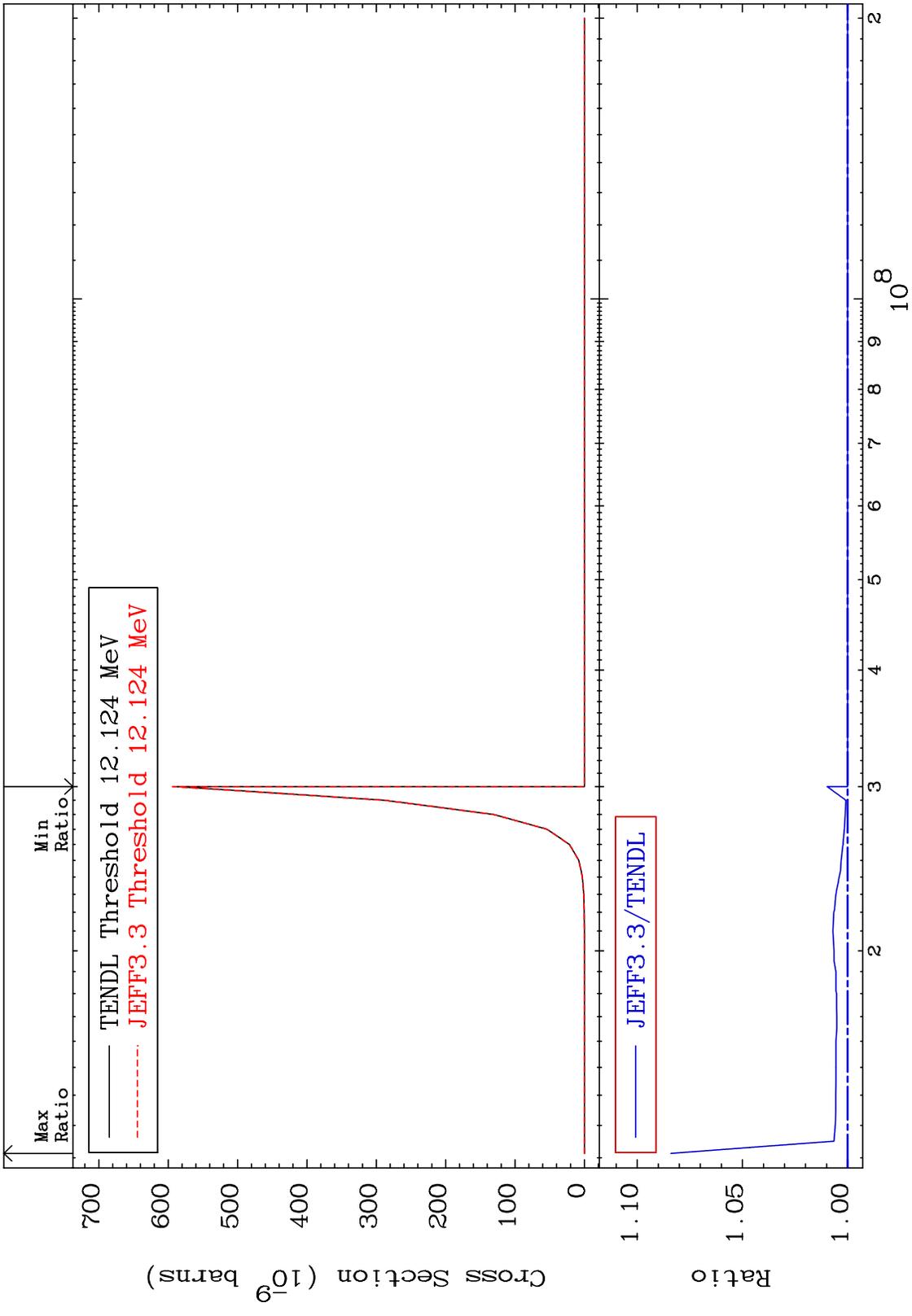


93

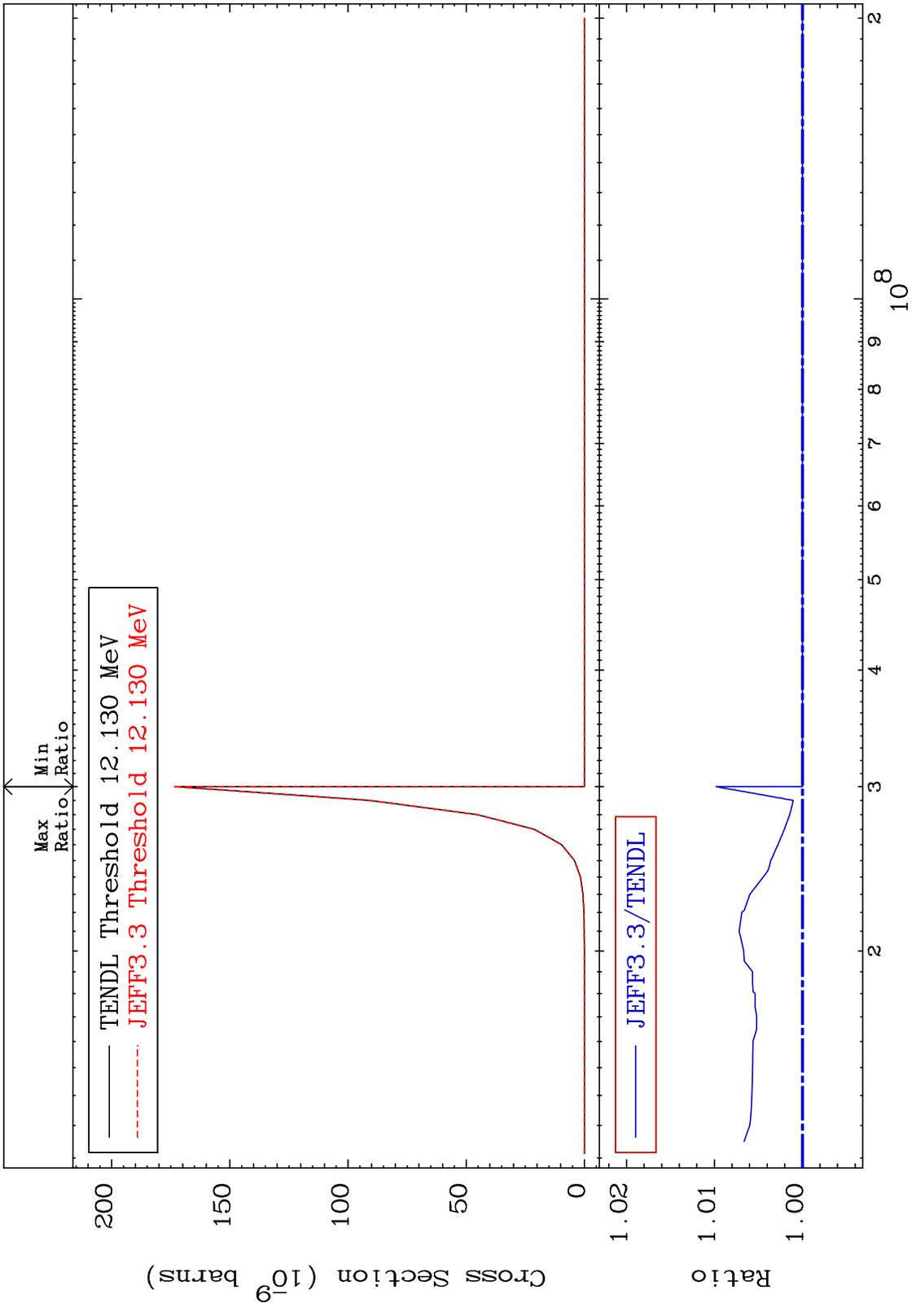
Incident Energy (eV)

52-Te-128

MAT 5249 (n,2p):50-Sn-127g 52-Te-128  
 Radionuclide Production Cross Section 0.000 To 8.398 %



MAT 5249 (n,2p):50-Sn-127m1 52-Te-128  
 Radionuclide Production Cross Section 0.000 To 0.980 %

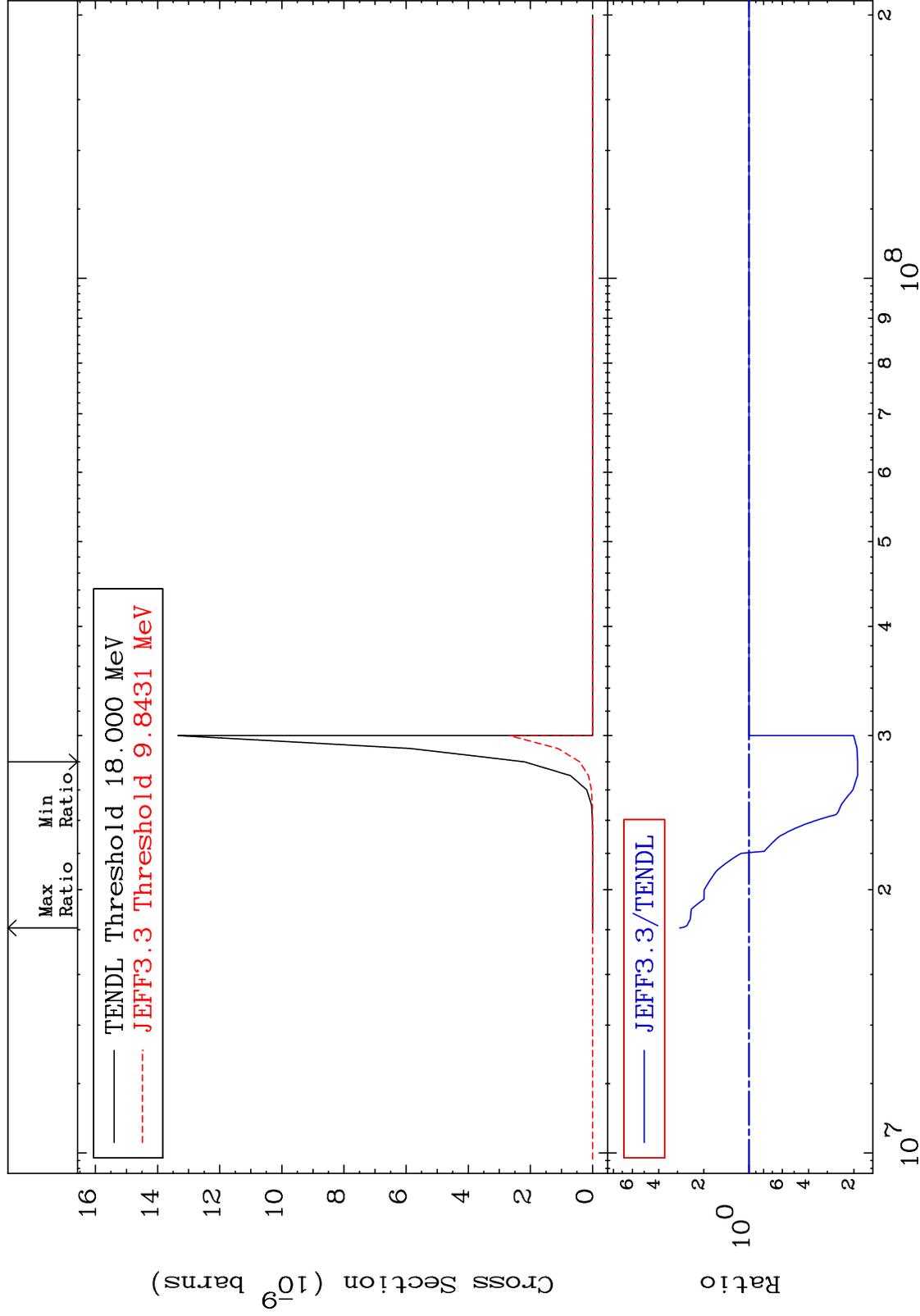


MAT 5249

(n,p)  $\alpha$ : 49-In-124g

52-Te-128

Radionuclide Production Cross Section -81.14 To 189.9 %



96

Incident Energy (eV)

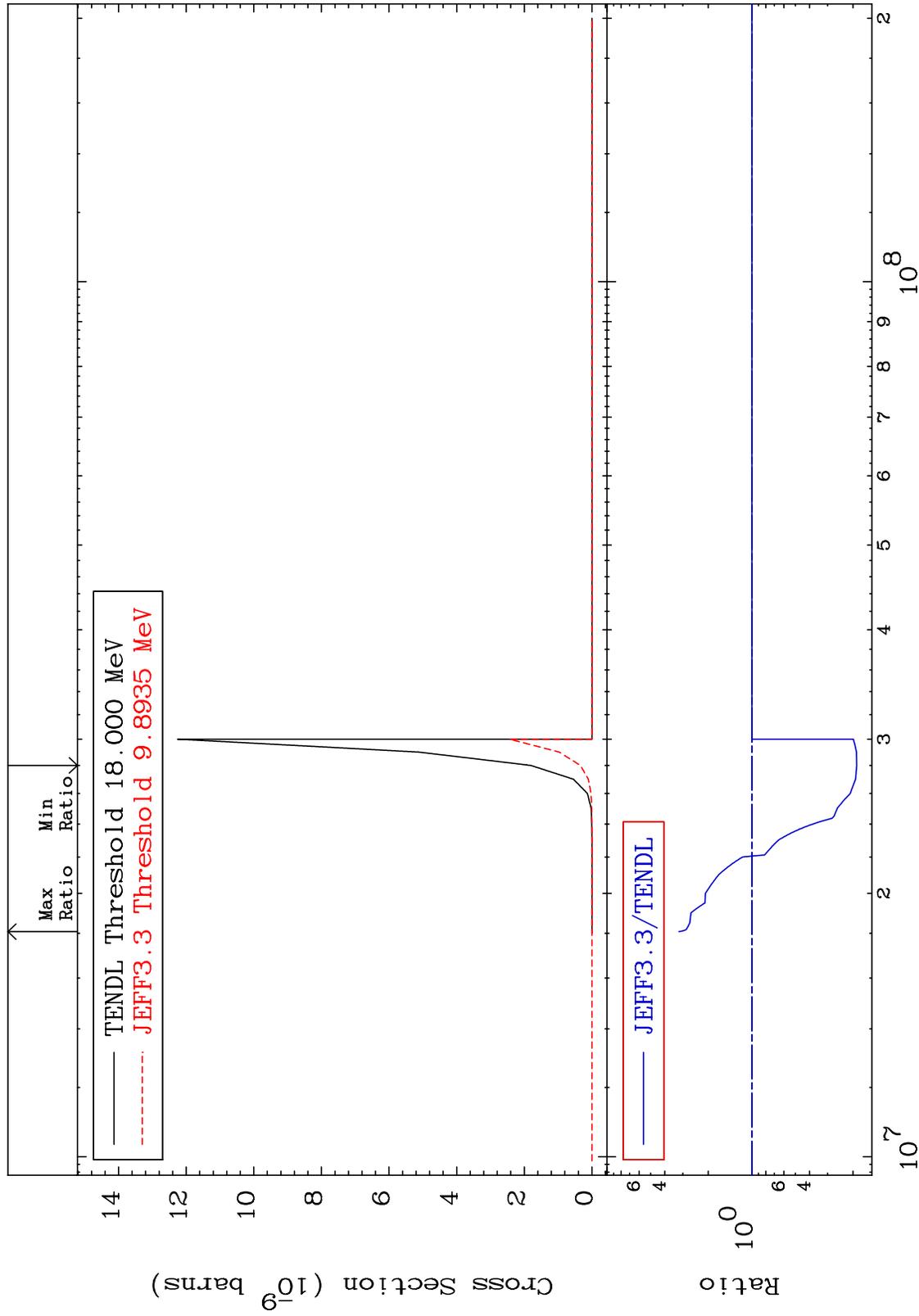
52-Te-128

MAT 5249

(n,p)  $\alpha$ :49-In-124m2

52-Te-128

Radionuclide Production Cross Section -81.14 To 218.8 %

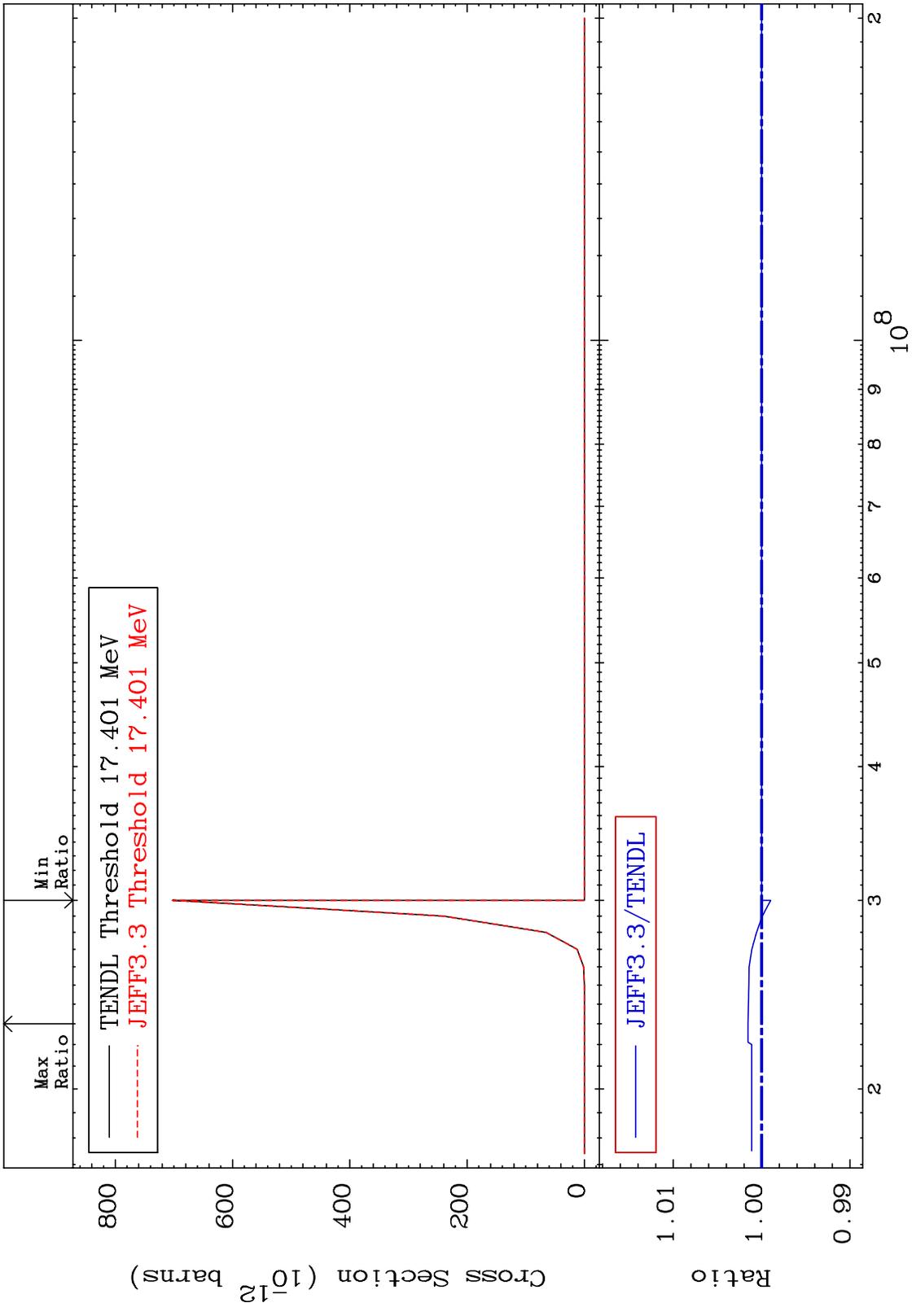


97

Incident Energy (eV)

52-Te-128

MAT 5249 (n,p) t:50-Sn-125g 52-Te-128  
 Radionuclide Production Cross Section -0.102 To 0.156 %



MAT 5249

(n,p) t:50-Sn-125m1

52-Te-128

Radionuclide Production Cross Section 0.000 To 0.682 %

