

Program Complot  
(Version 2018-1)

by

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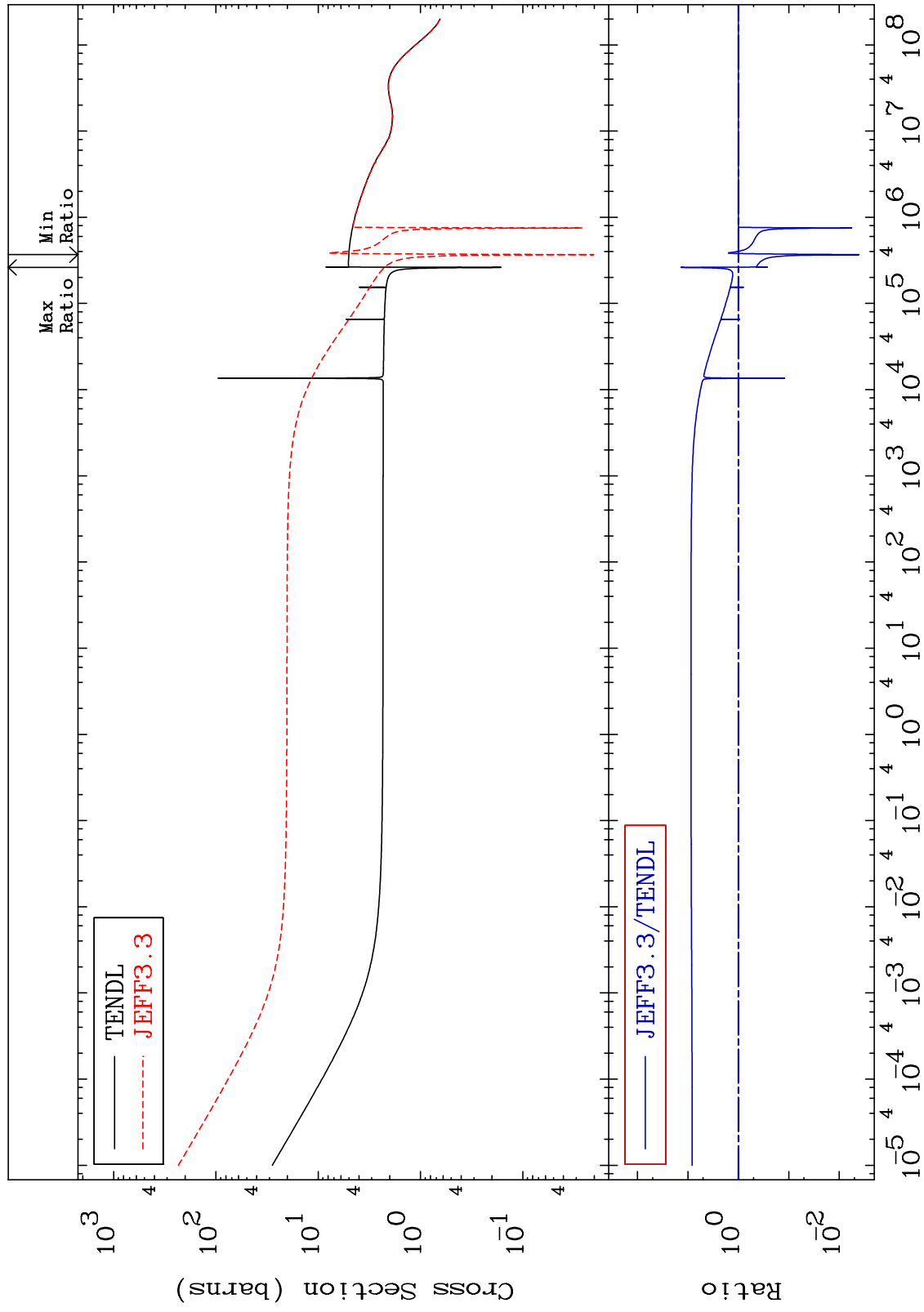
U.S.A.

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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 1437 Total Cross Section 14-Si-32 -99.60 To 1279. %

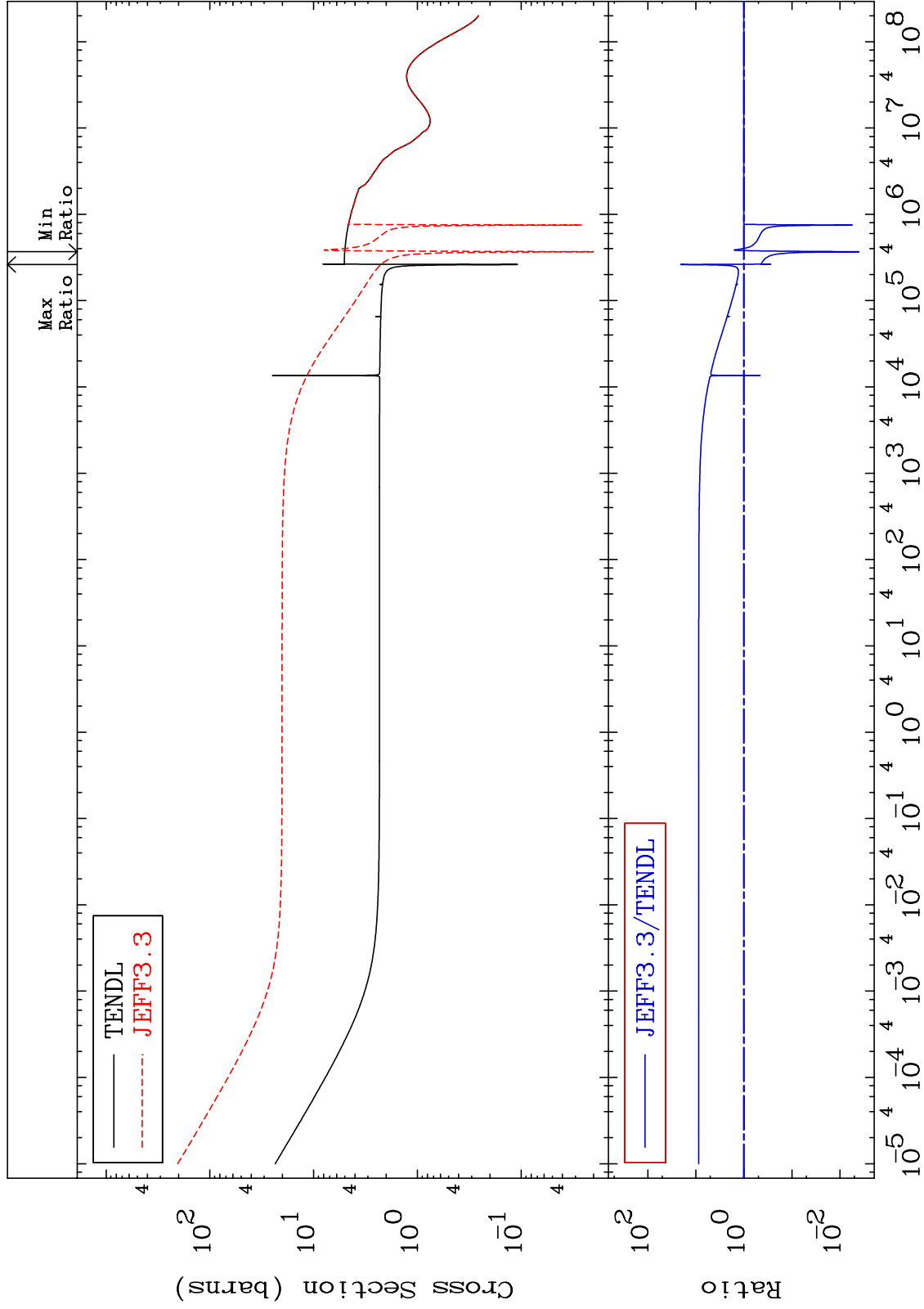


14-Si-32

MAT 1437

Elastic  
Cross Section

14-Si-32  
-99.60 To 1969. %



2

Incident Energy (eV)

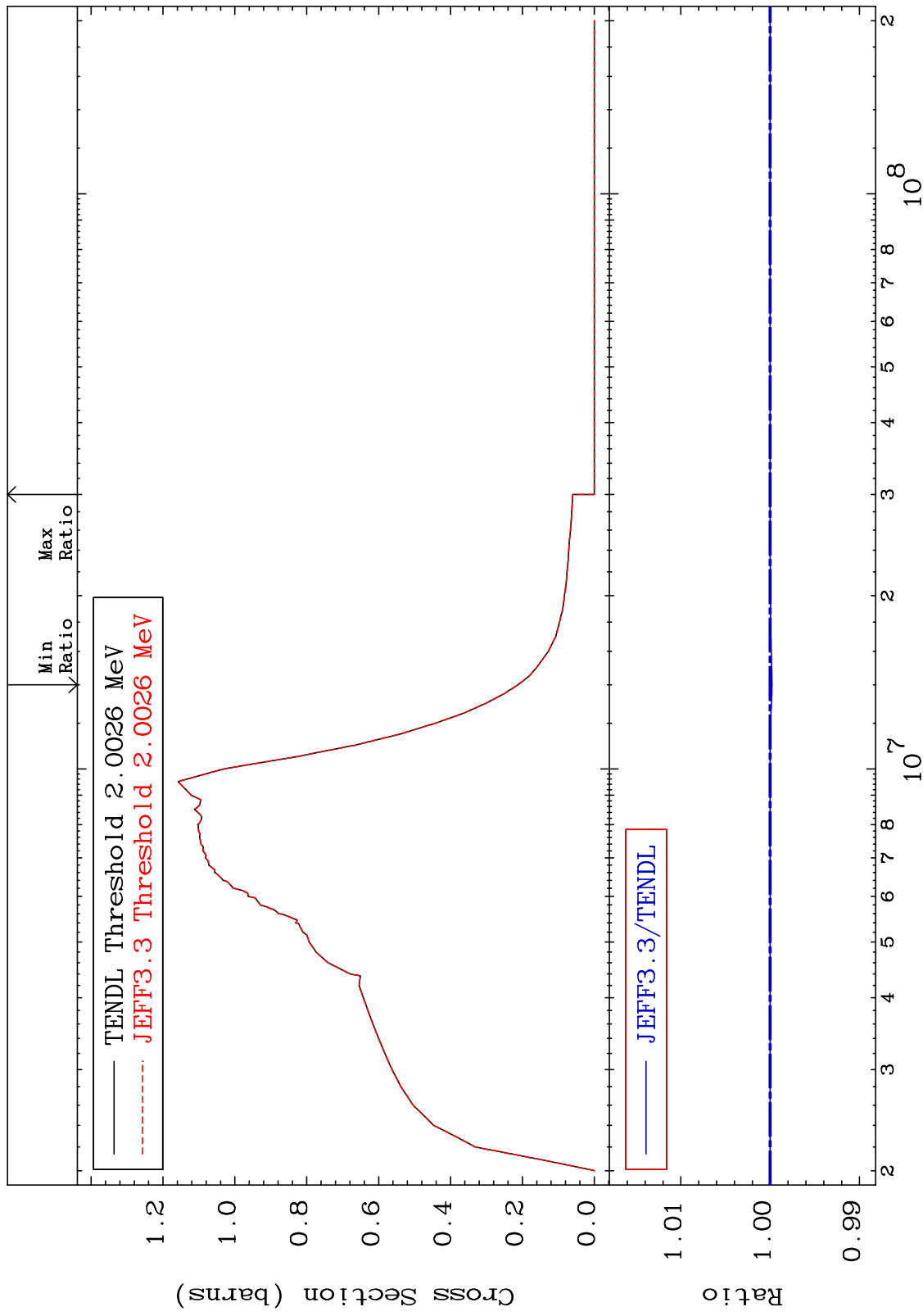
14-Si-32

MAT 1437

14-Si-32

Inelastic  
Cross Section

-0.020 To 0.000 %

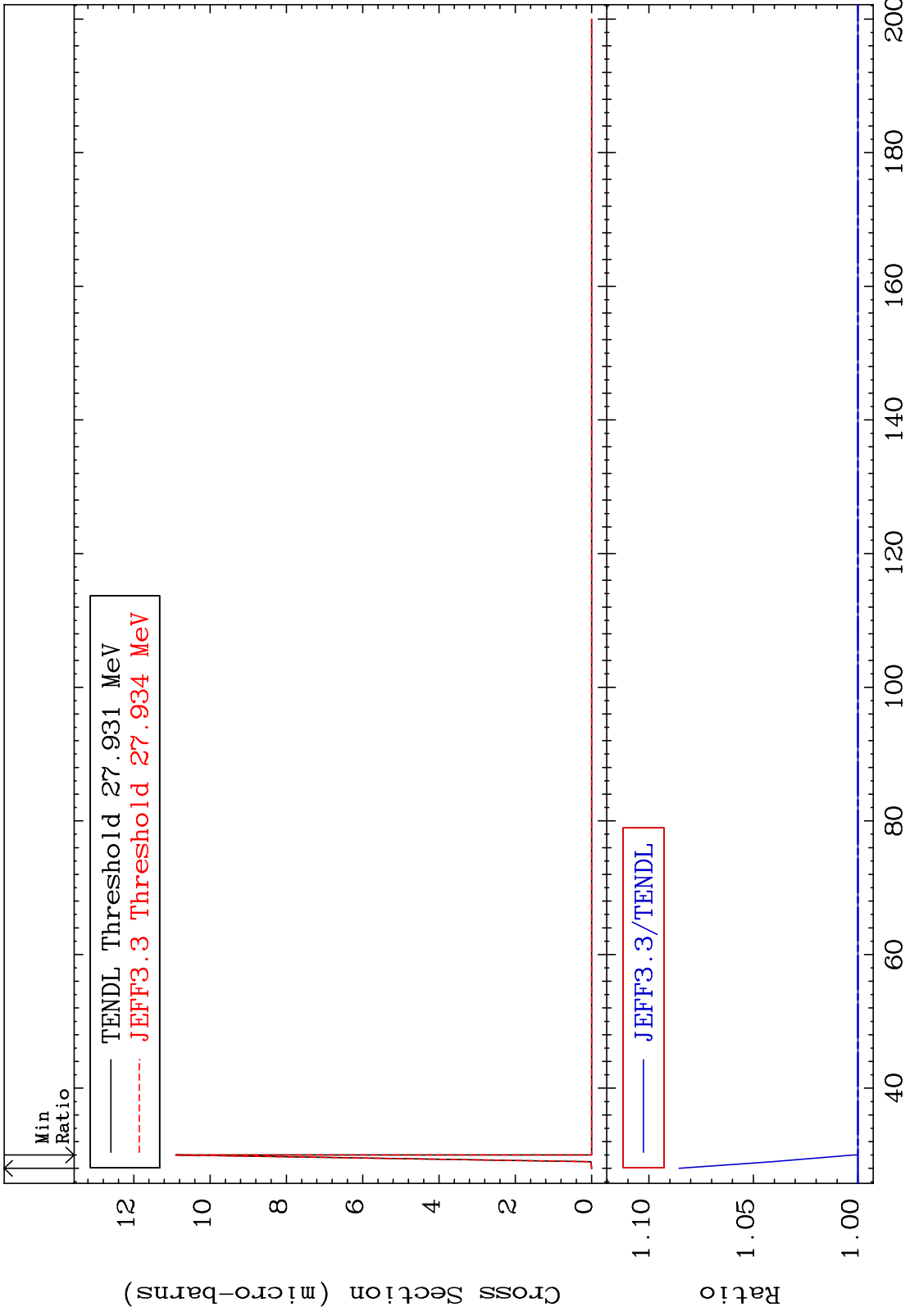


3

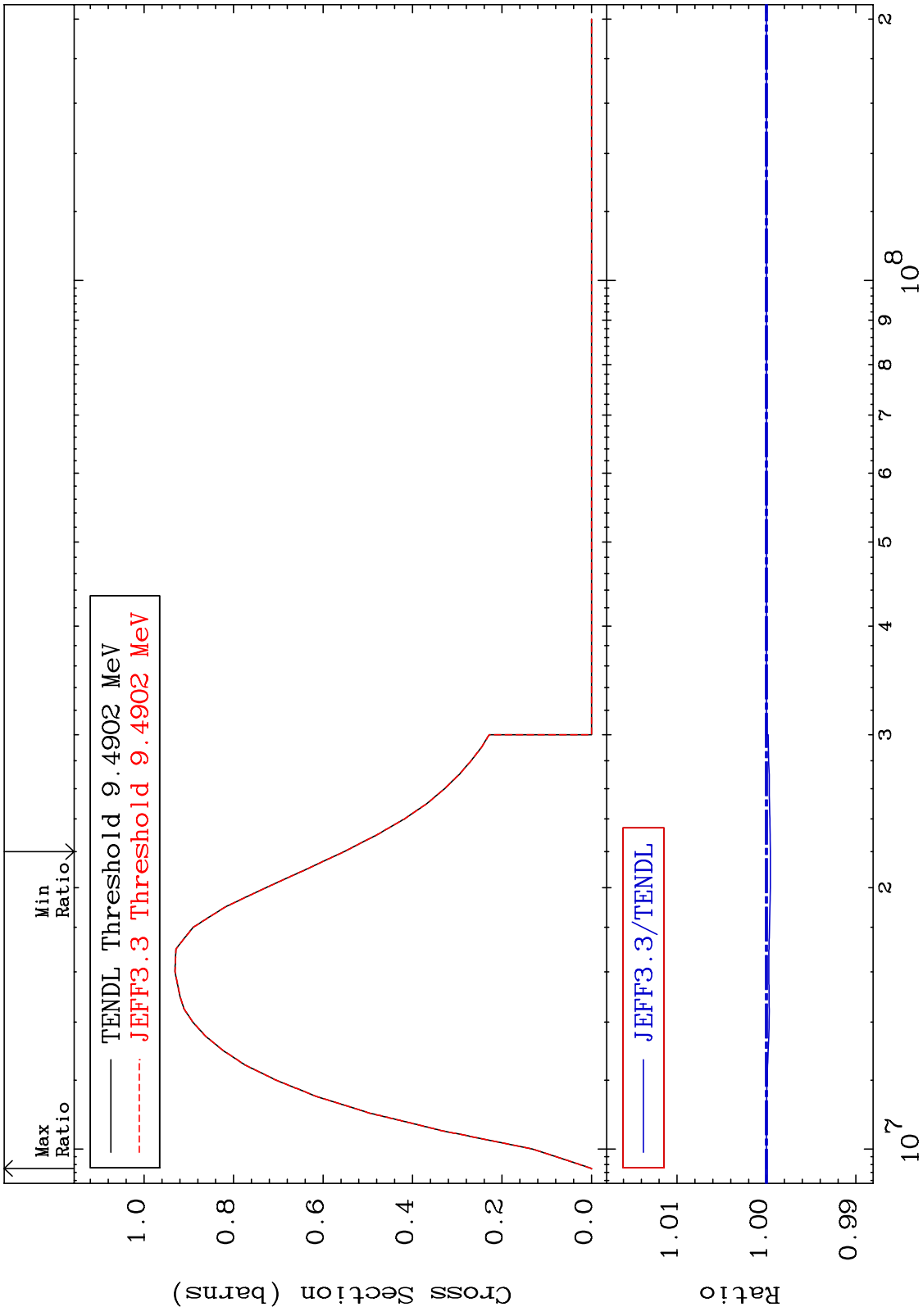
Incident Energy (eV)

14-Si-32

MAT 1437 (n,2n) d 14-Si-32  
Cross Section 0.000 To 8.553 %

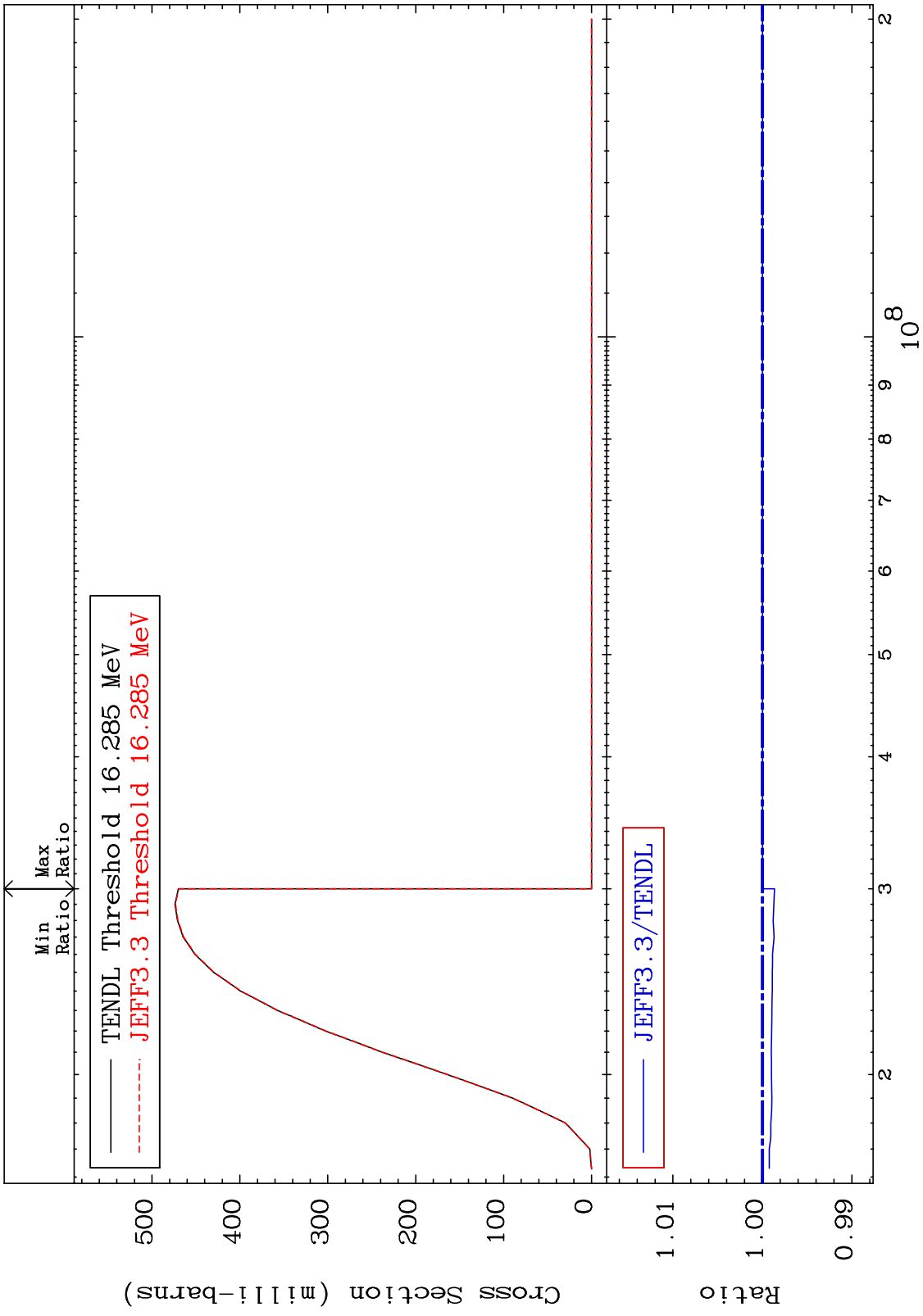


MAT 1437 (n,2n) 14-Si-32  
Cross Section -0.044 To 0.000 %

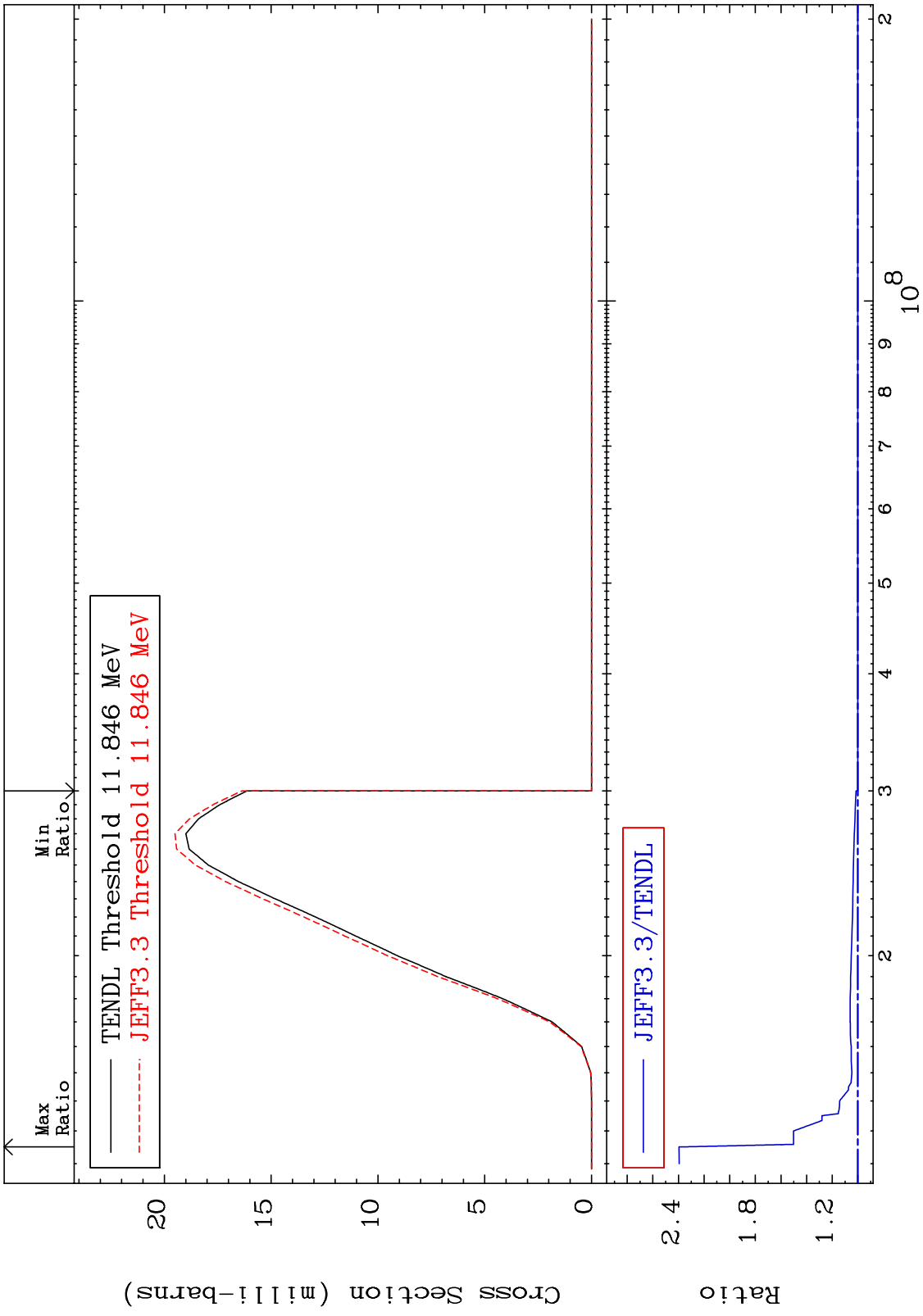


14-Si-32

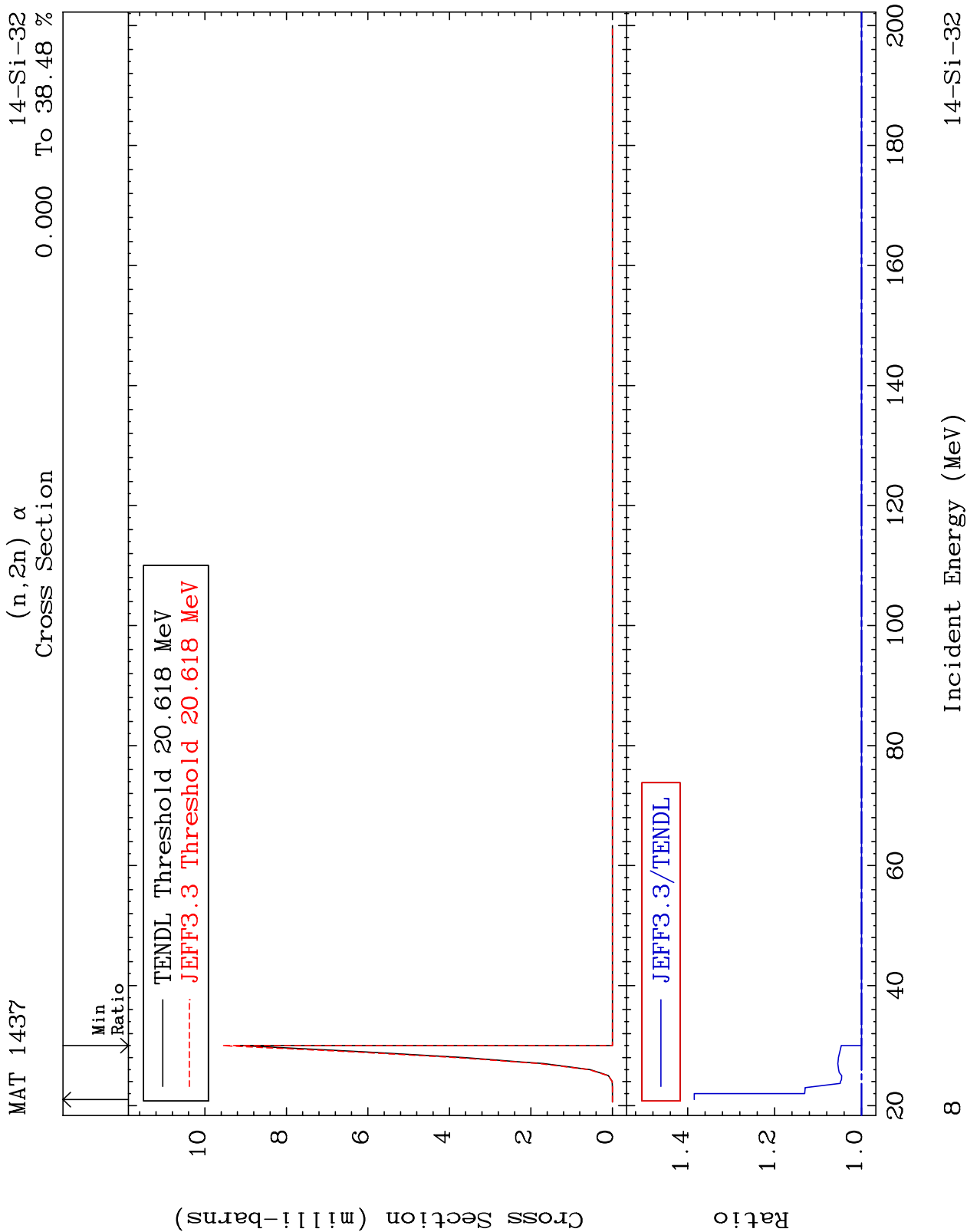
MAT 1437  $(n, 3n)$  14-Si-32  
 Cross Section -0.135 To 0.000 %

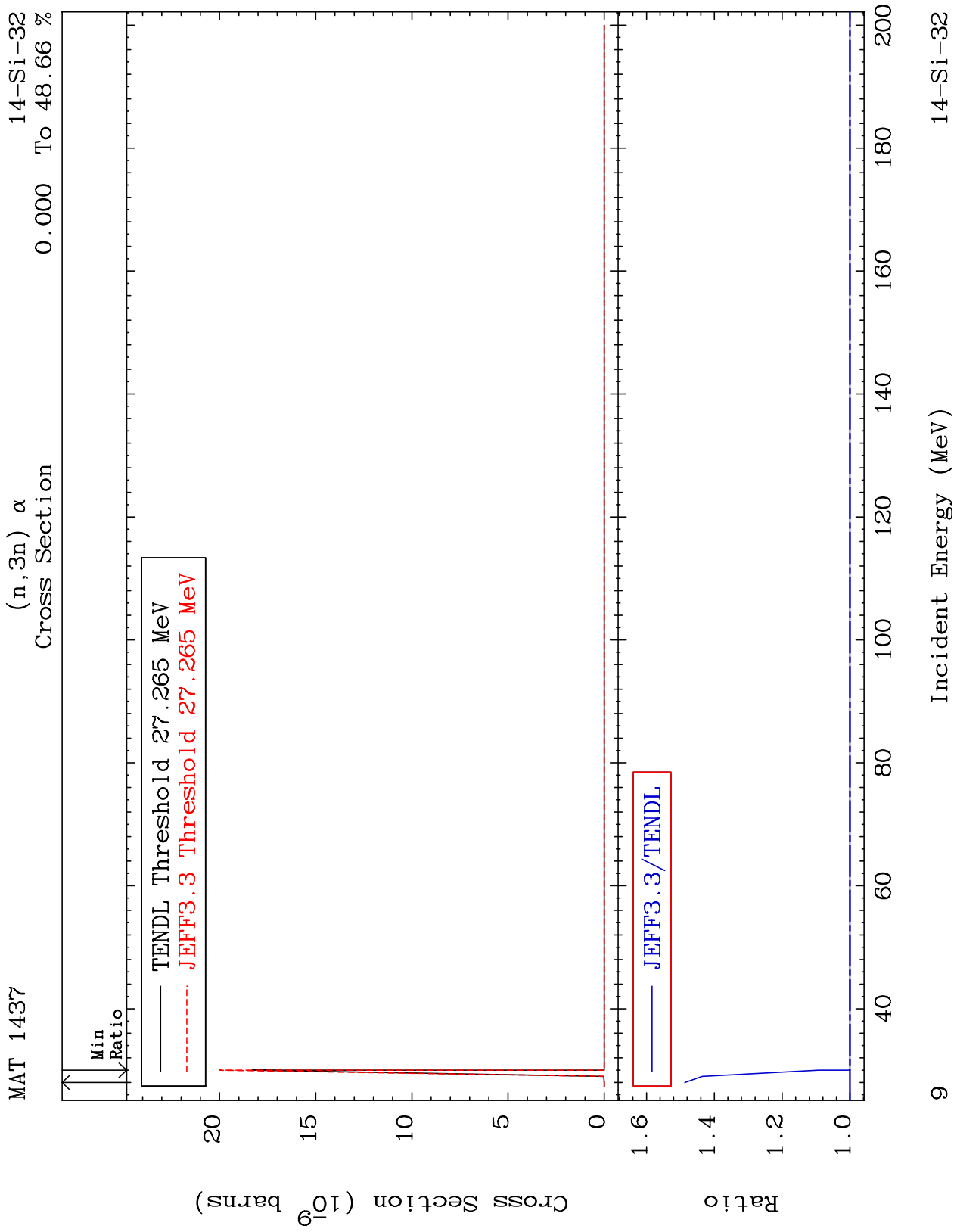


MAT 1437  $(n, n') \alpha$  Cross Section 14-Si-32 To 139.5 %

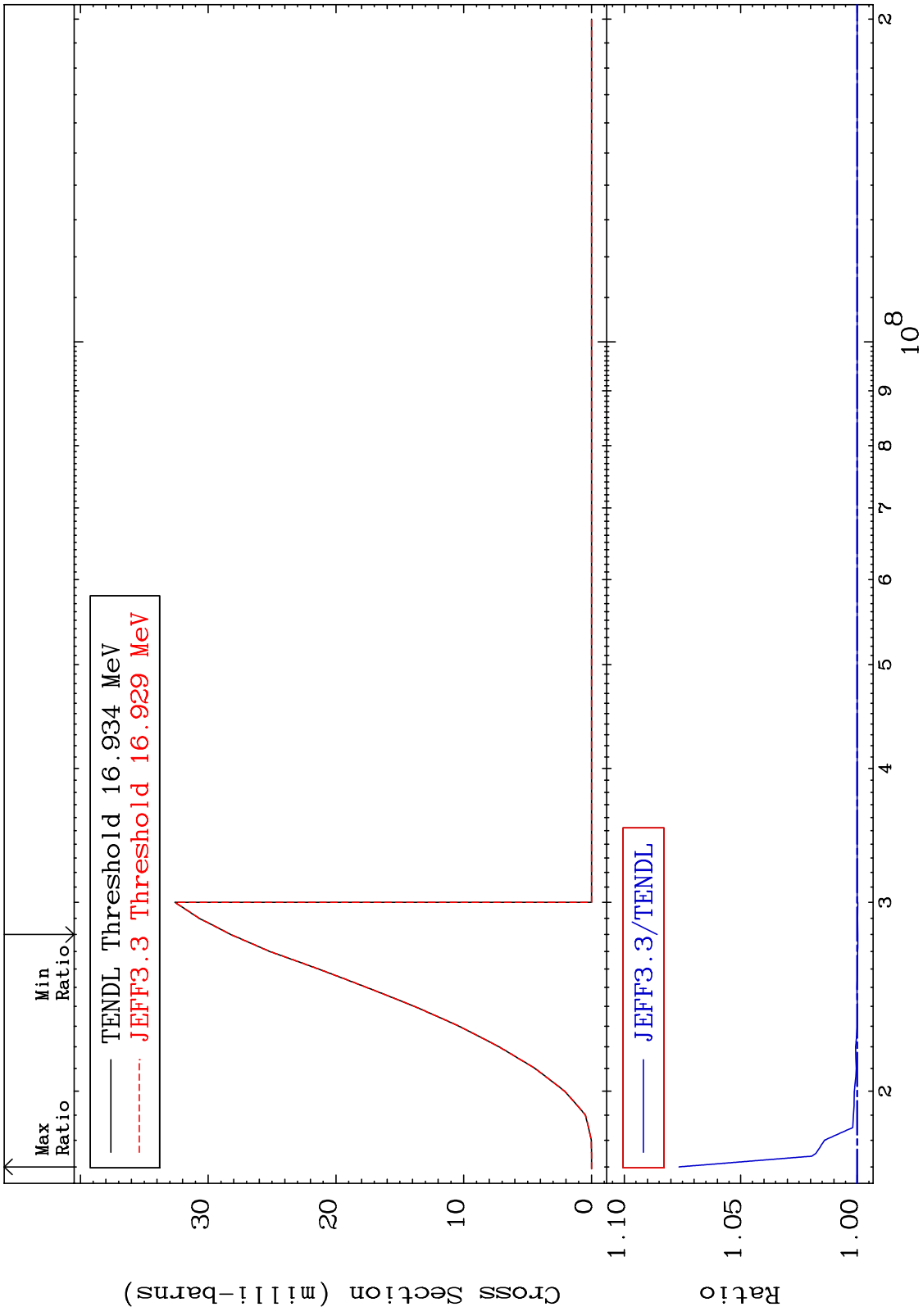




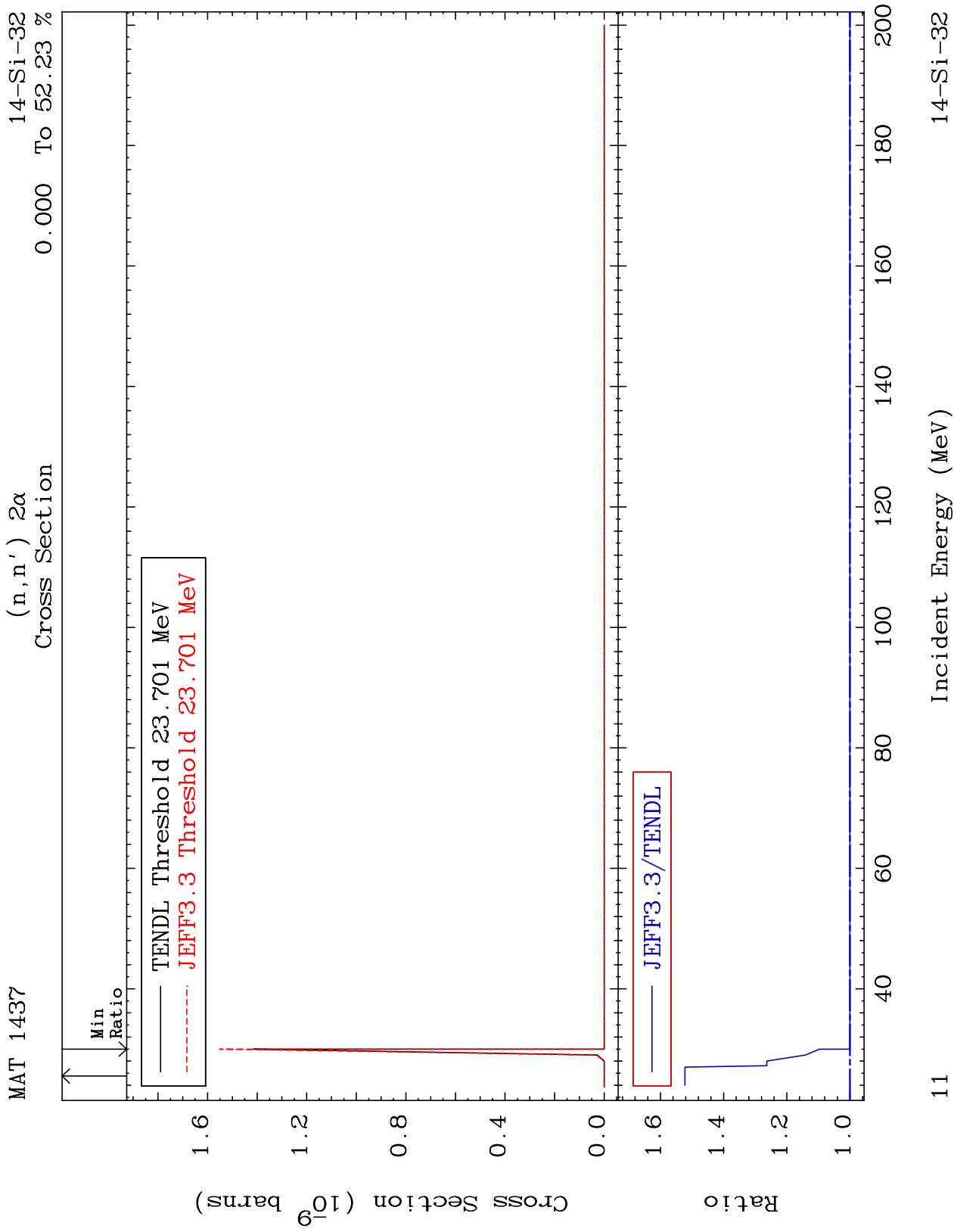




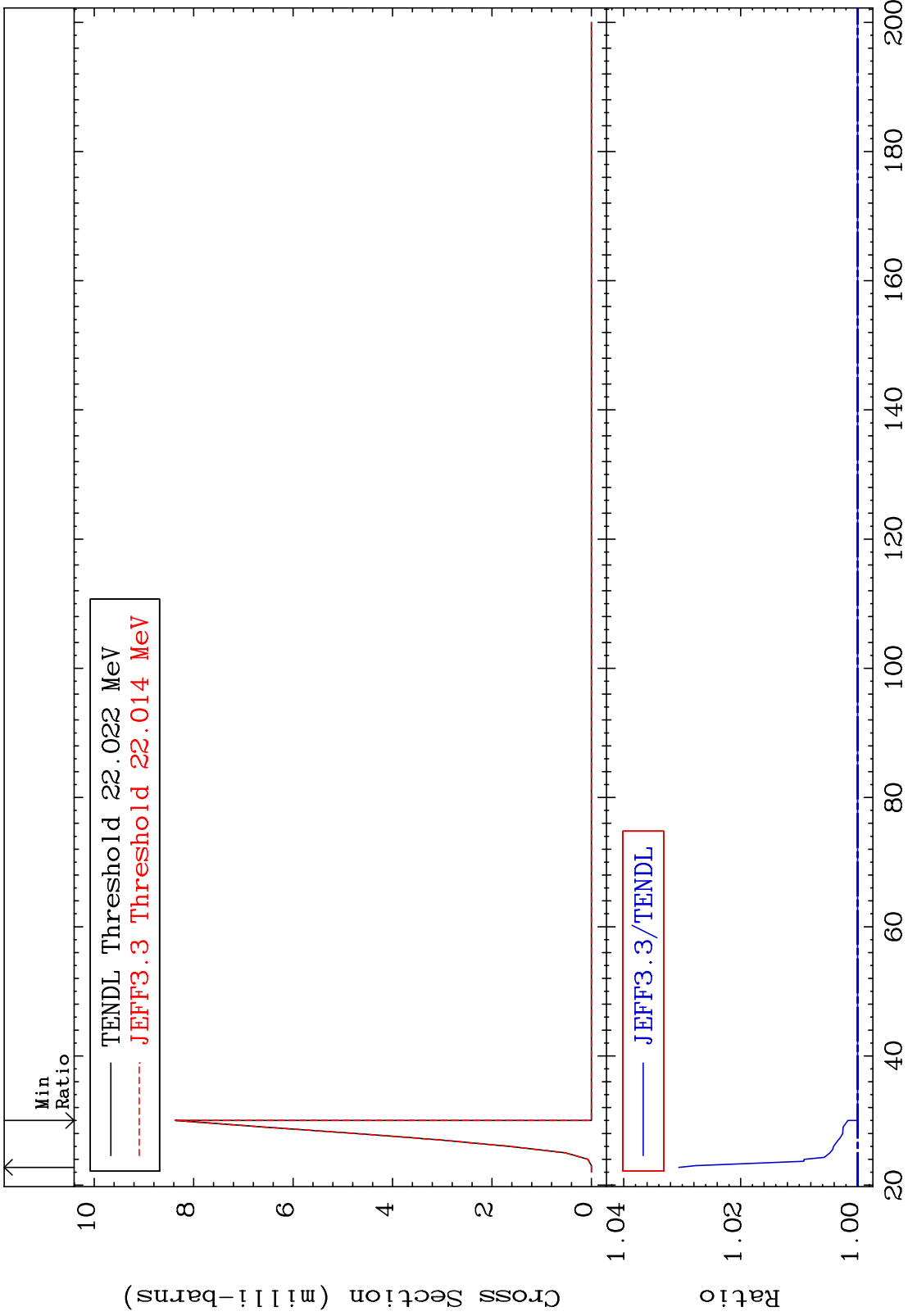
MAT 1437 (n,n') p 14-Si-32  
 Cross Section -0.027 To 7.648 %



10 14-Si-32

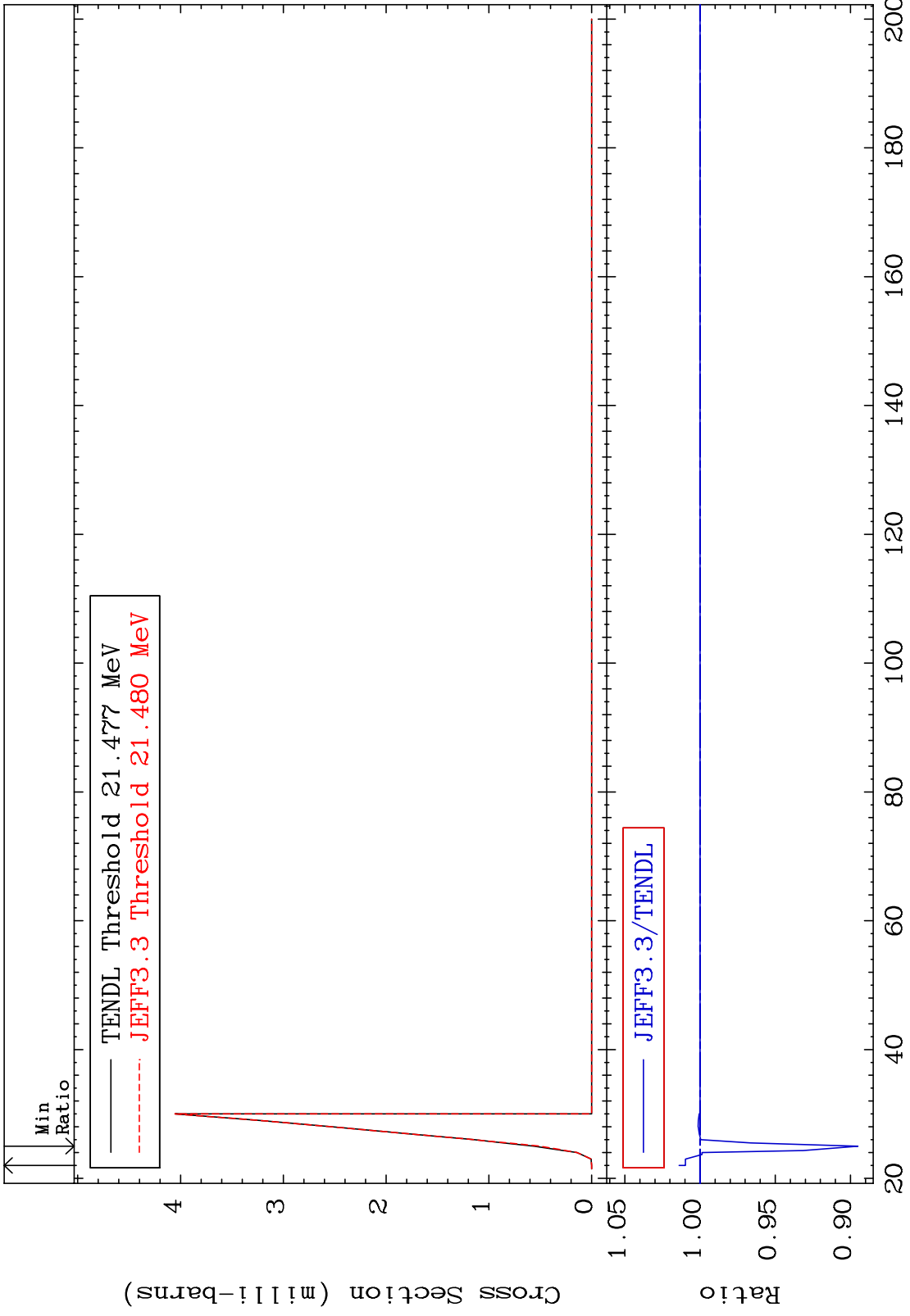


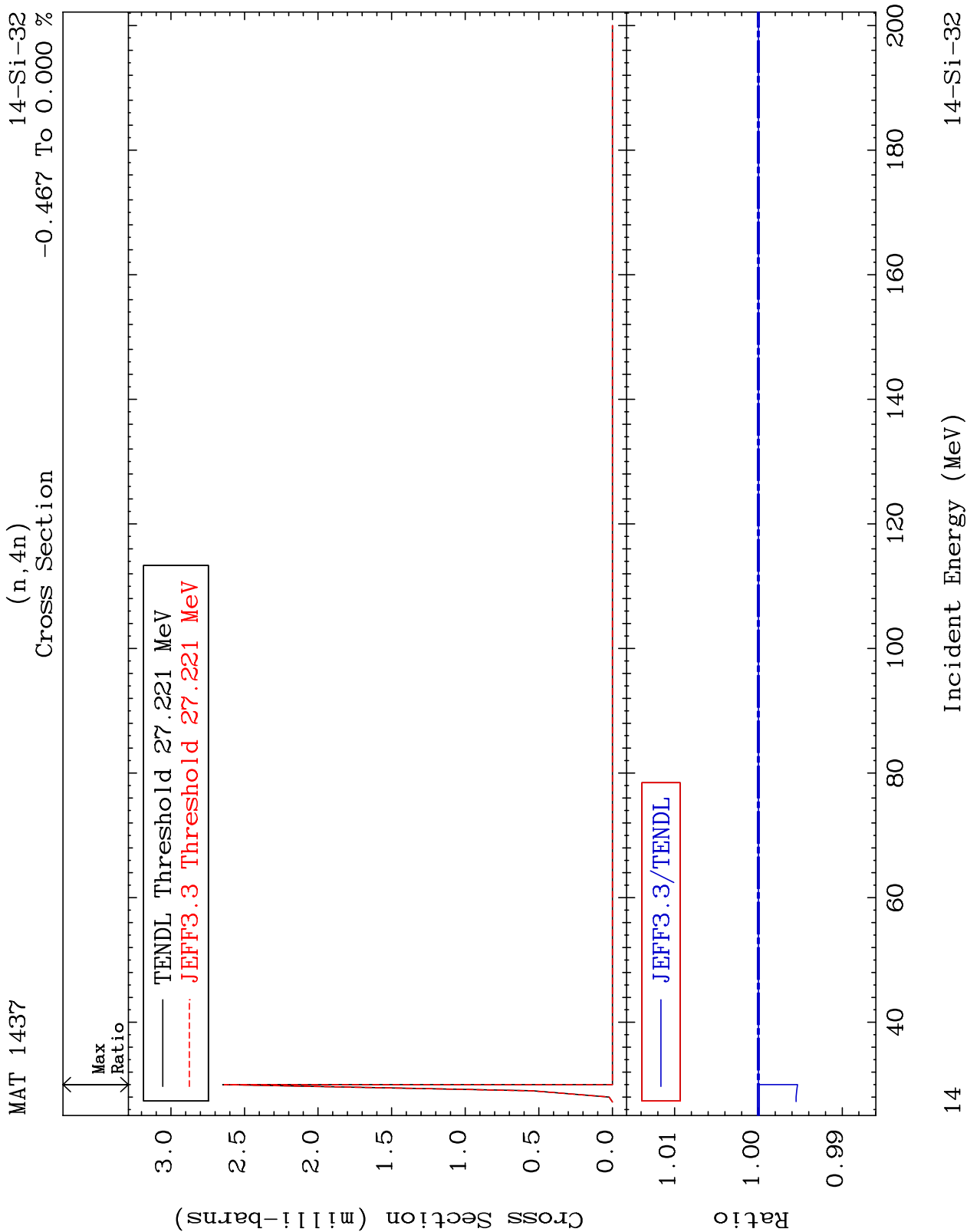
MAT 1437 (n,n') d 14-Si-32  
Cross Section 0.000 To 3.057 %



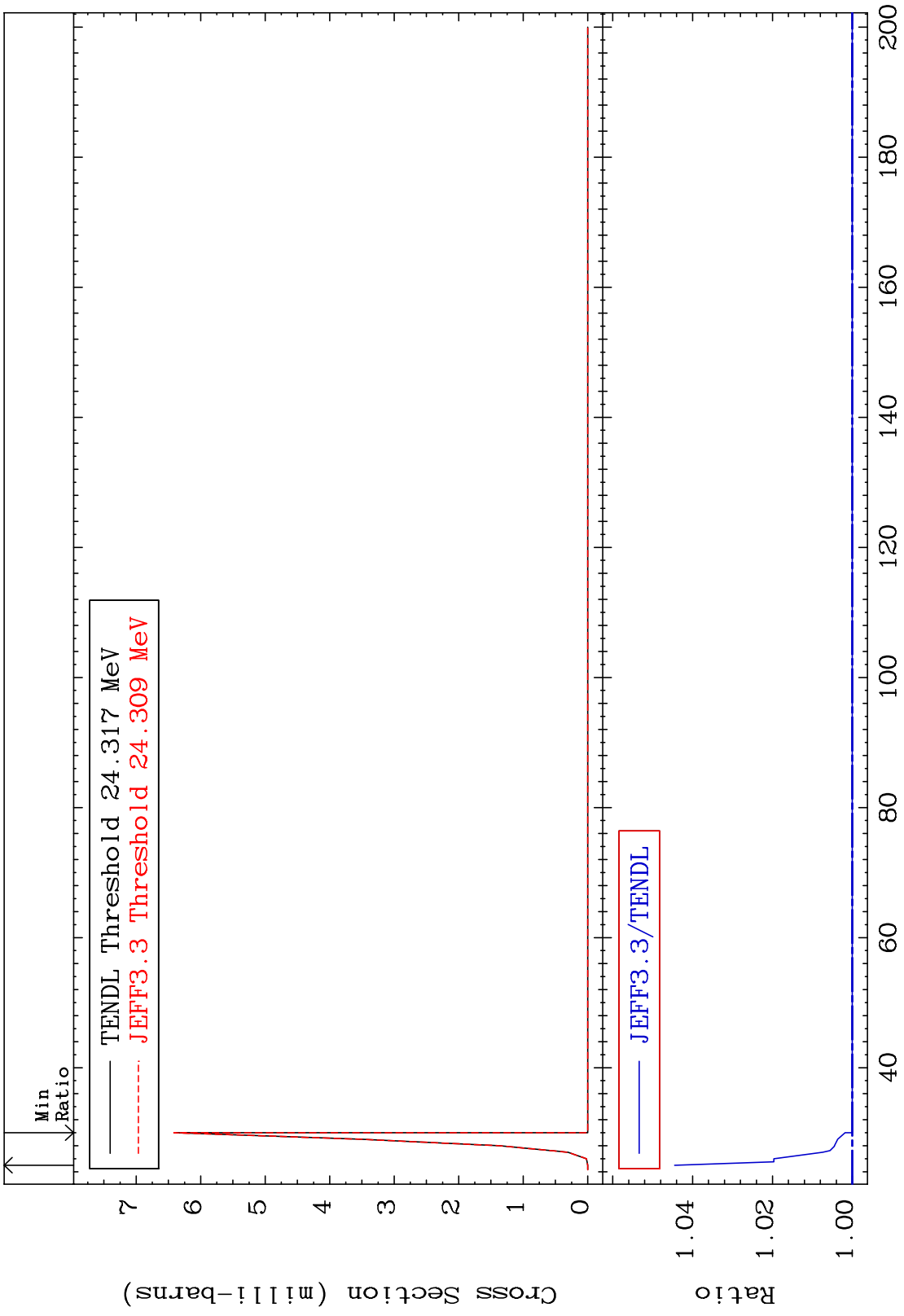
12 14-Si-32

MAT 1437 (n,n') t 14-Si-32  
 Cross Section -10.50 To 1.391 %



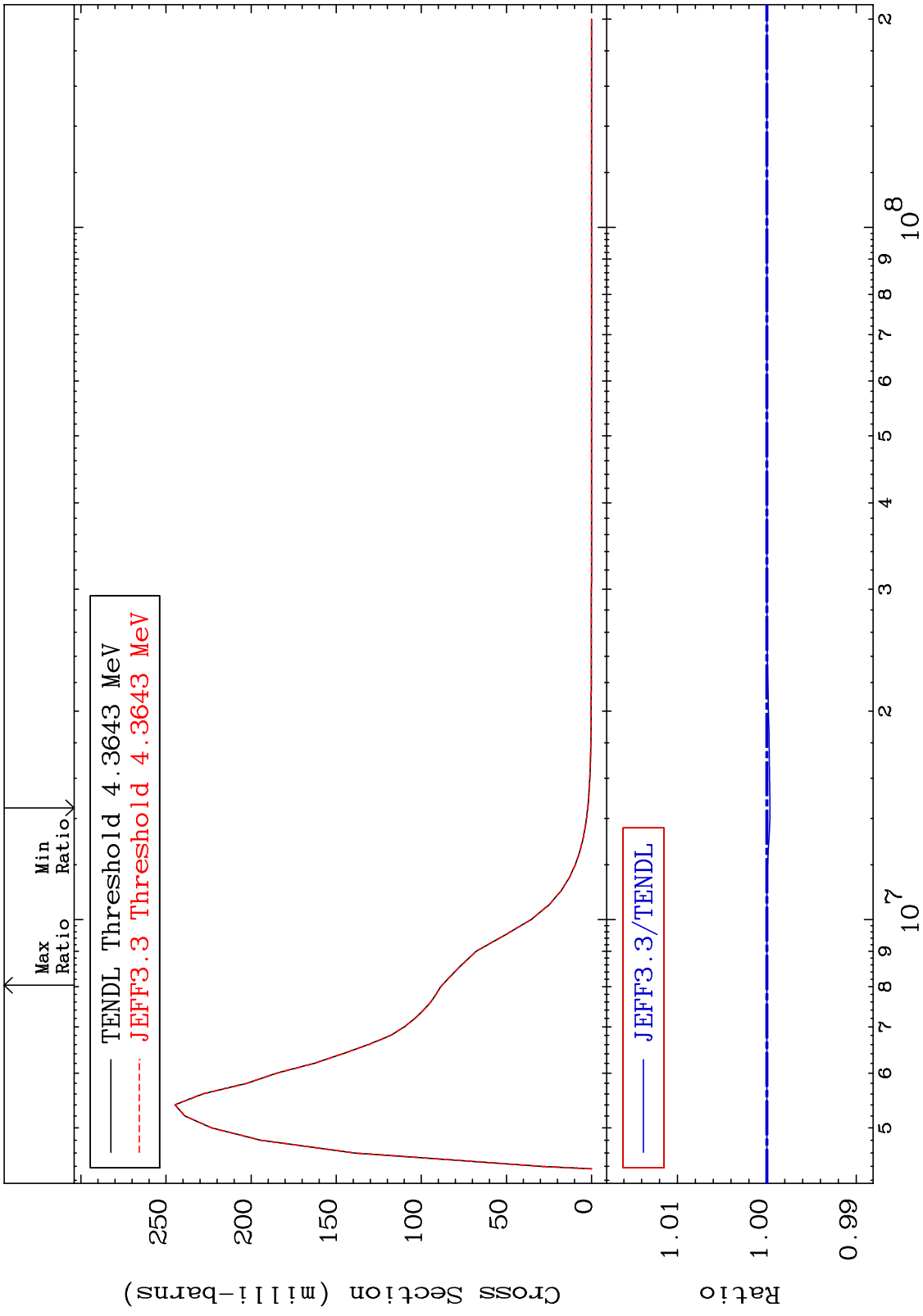


MAT 1437 (n,2n) p 14-Si-32  
 Cross Section 0.000 To 4.449 %



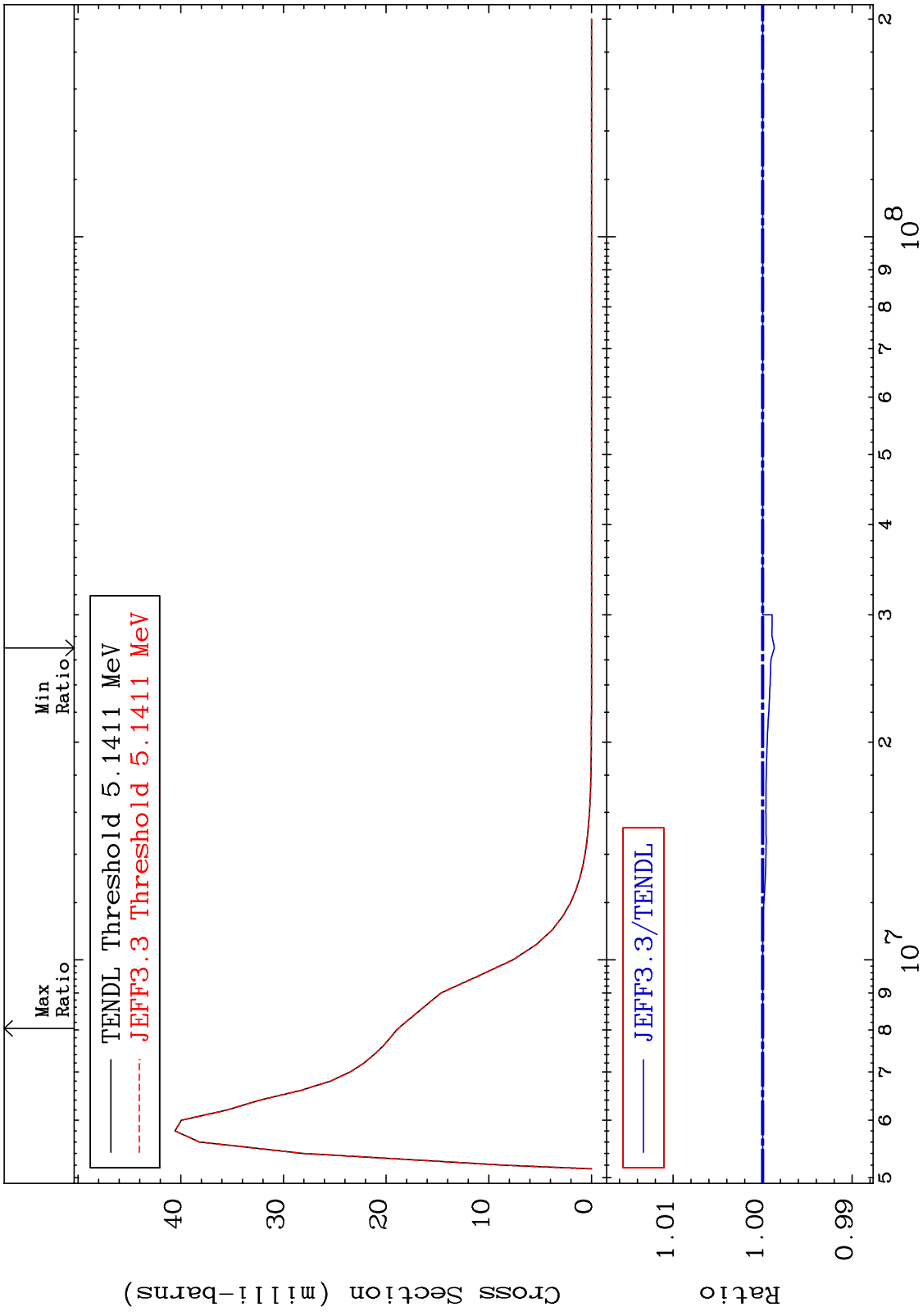


MAT 1437 MT= 52 (n,n') Level Cross Section 14-Si-32 -0.035 To 0.000 %

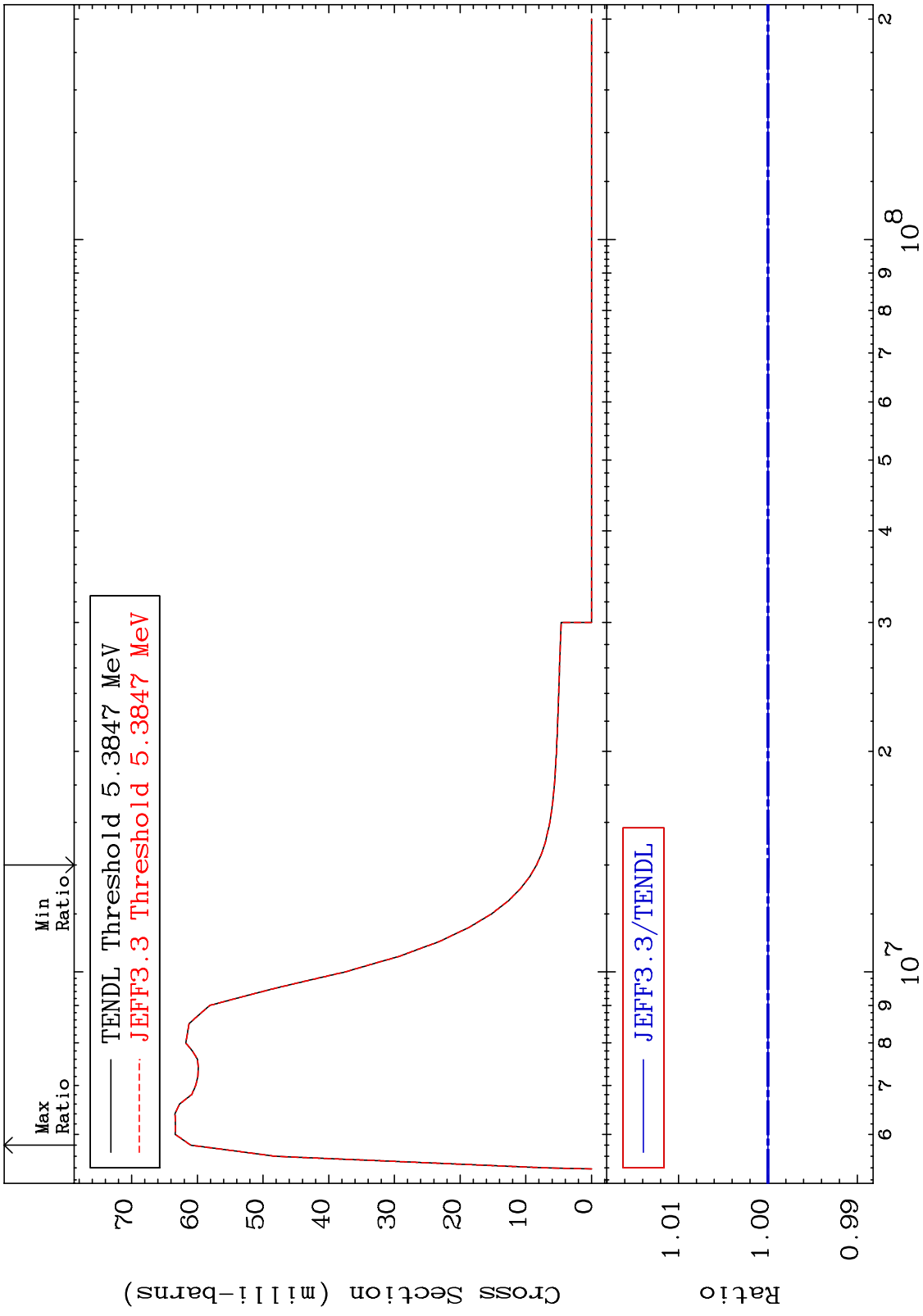


16 14-Si-32 Incident Energy (eV)

MAT 1437 MT= 53 (n,n') Level Cross Section 14-Si-32  
 -0.131 To 0.000 %

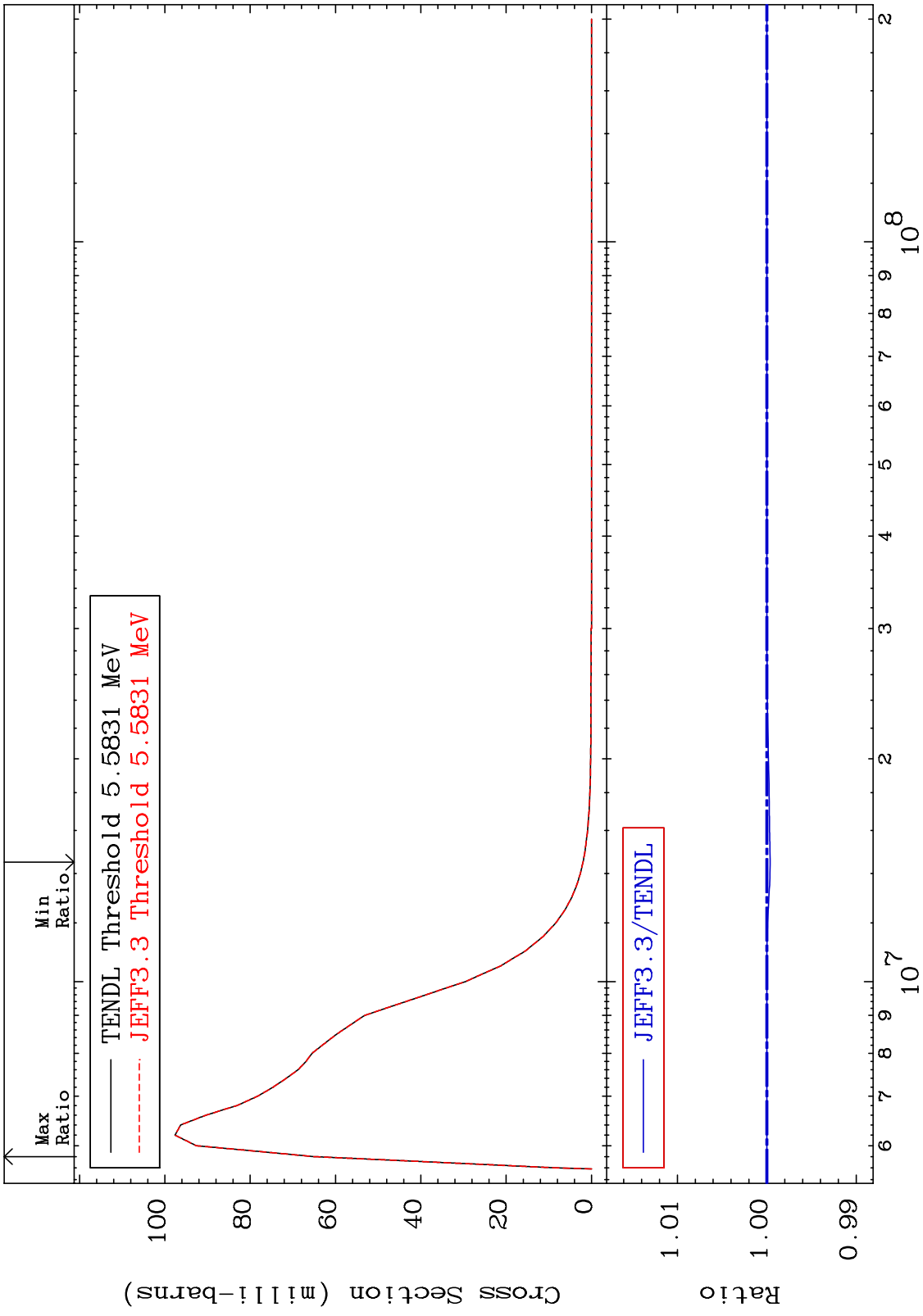


MAT 1437 MT= 54 (n,n') Level Cross Section 14-Si-32  
 -0.012 To 0.000 %

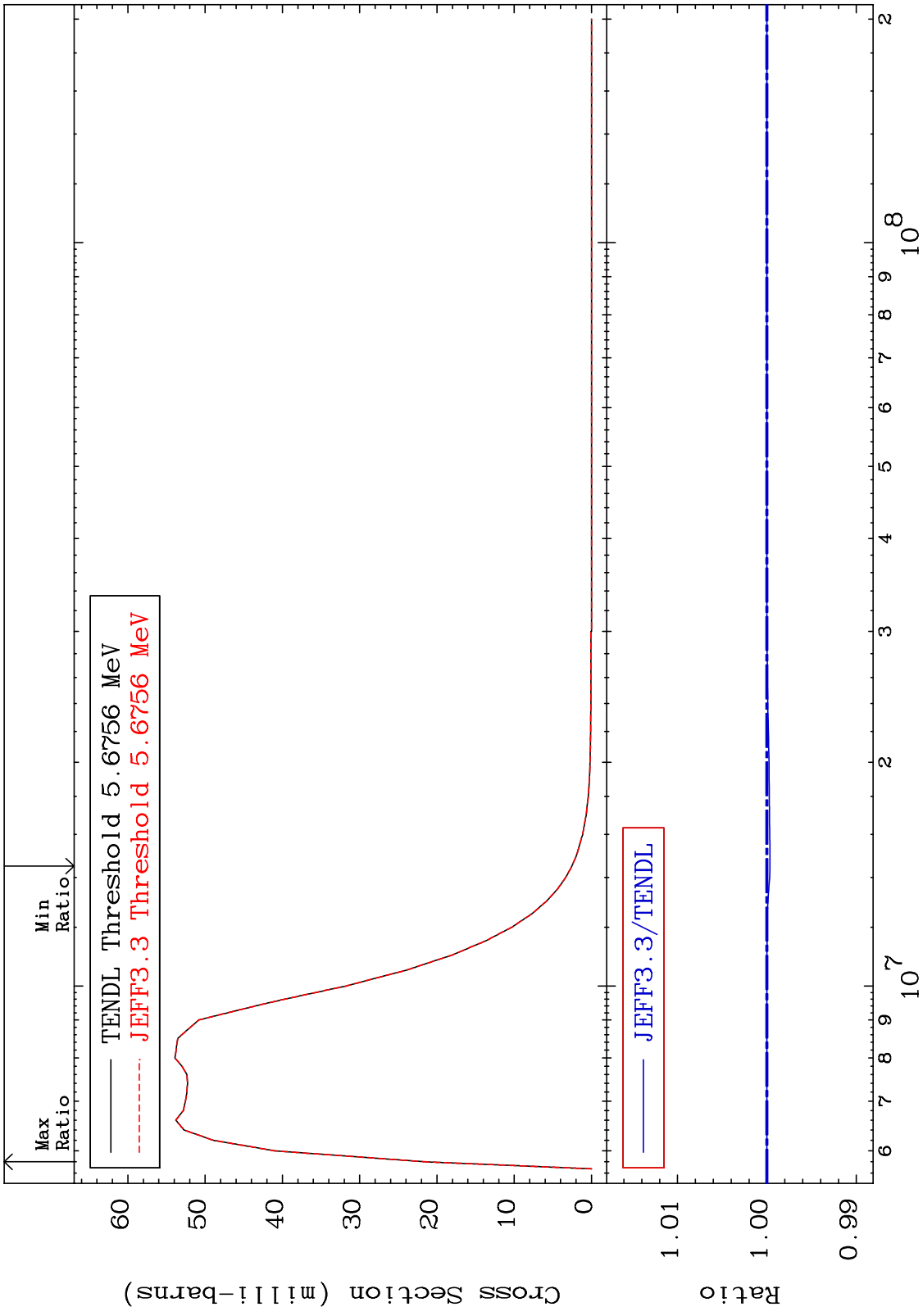


18 14-Si-32

MAT 1437 MT= 56 (n,n') Level Cross Section 14-Si-32 -0.036 To 0.000 %

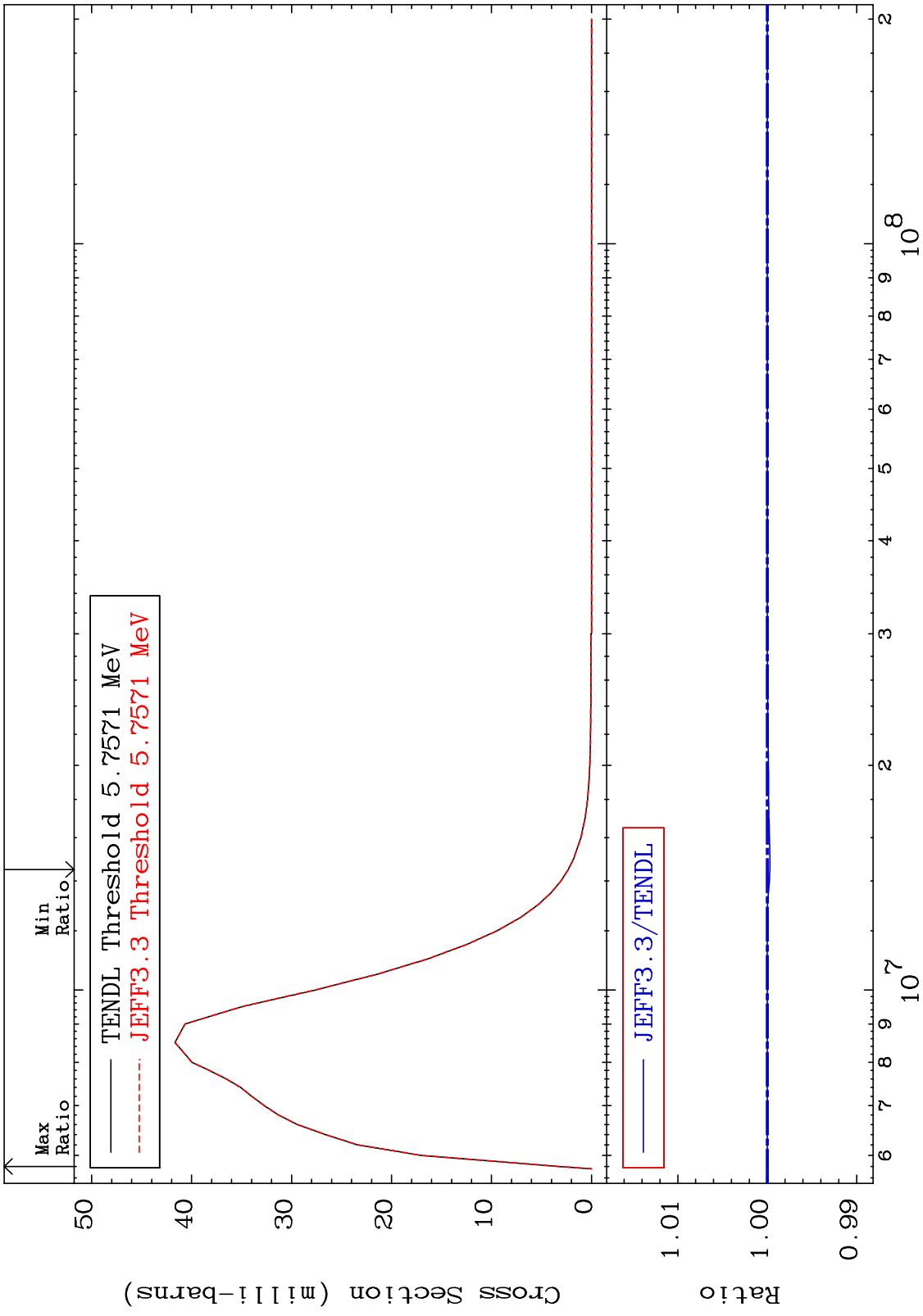


MAT 1437 MT= 57 (n,n') Level Cross Section 14-Si-32  
-0.034 To 0.000 %

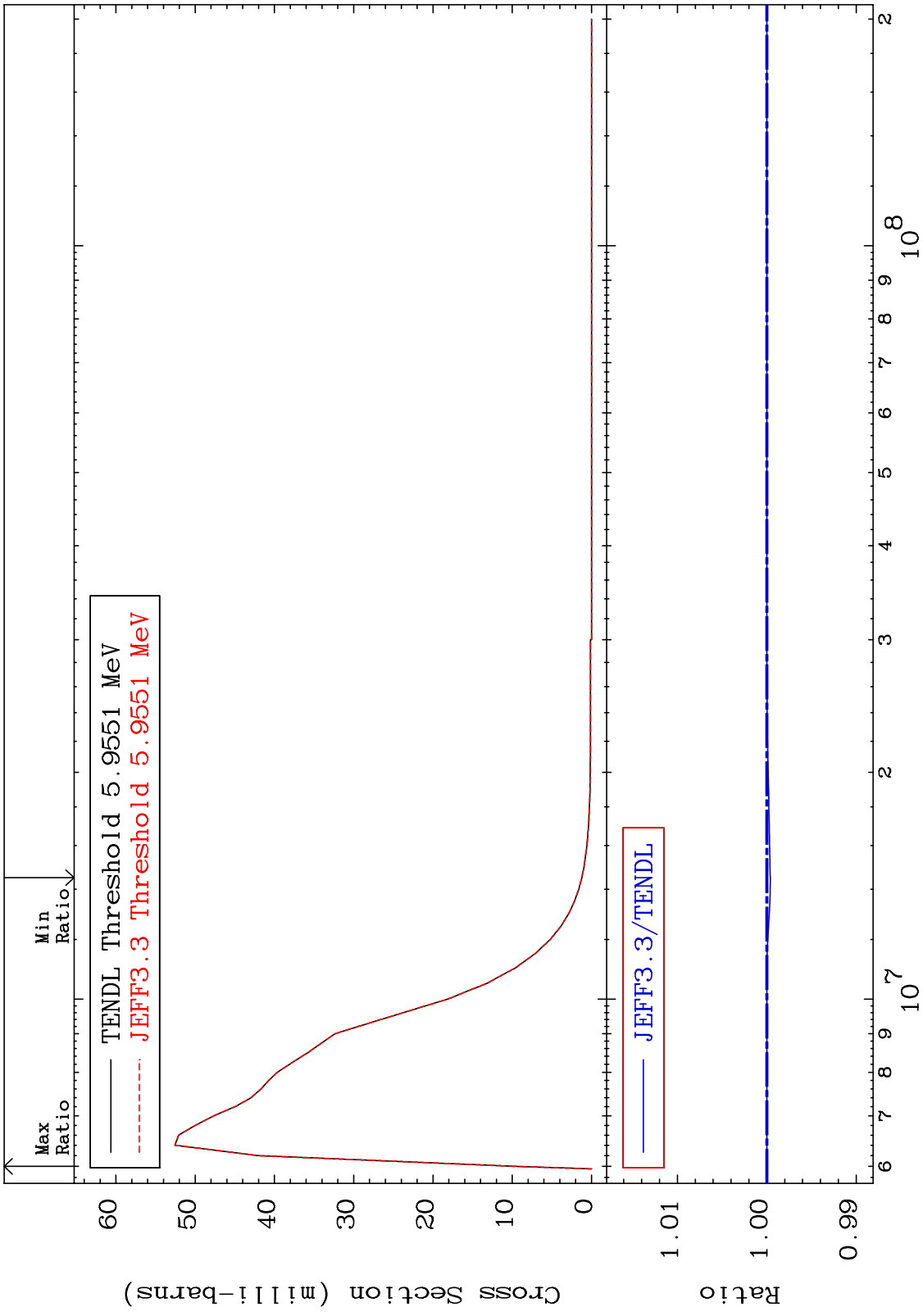


20 14-Si-32

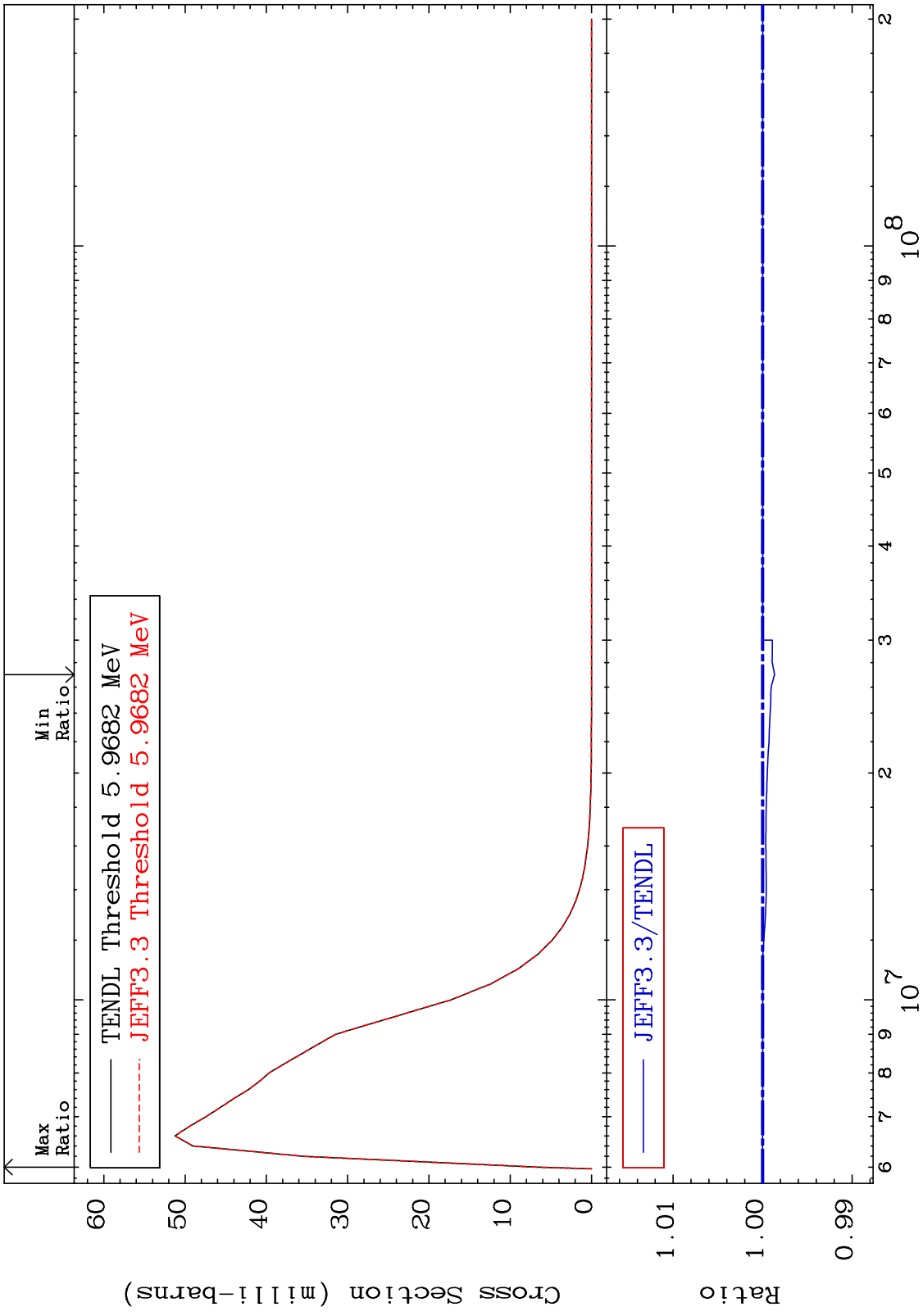
MAT 1437 MT= 58 (n,n') Level Cross Section 14-Si-32  
 -0.030 To 0.003 %



MAT 1437 MT= 59 (n,n') Level Cross Section 14-Si-32 -0.039 To 0.002 %

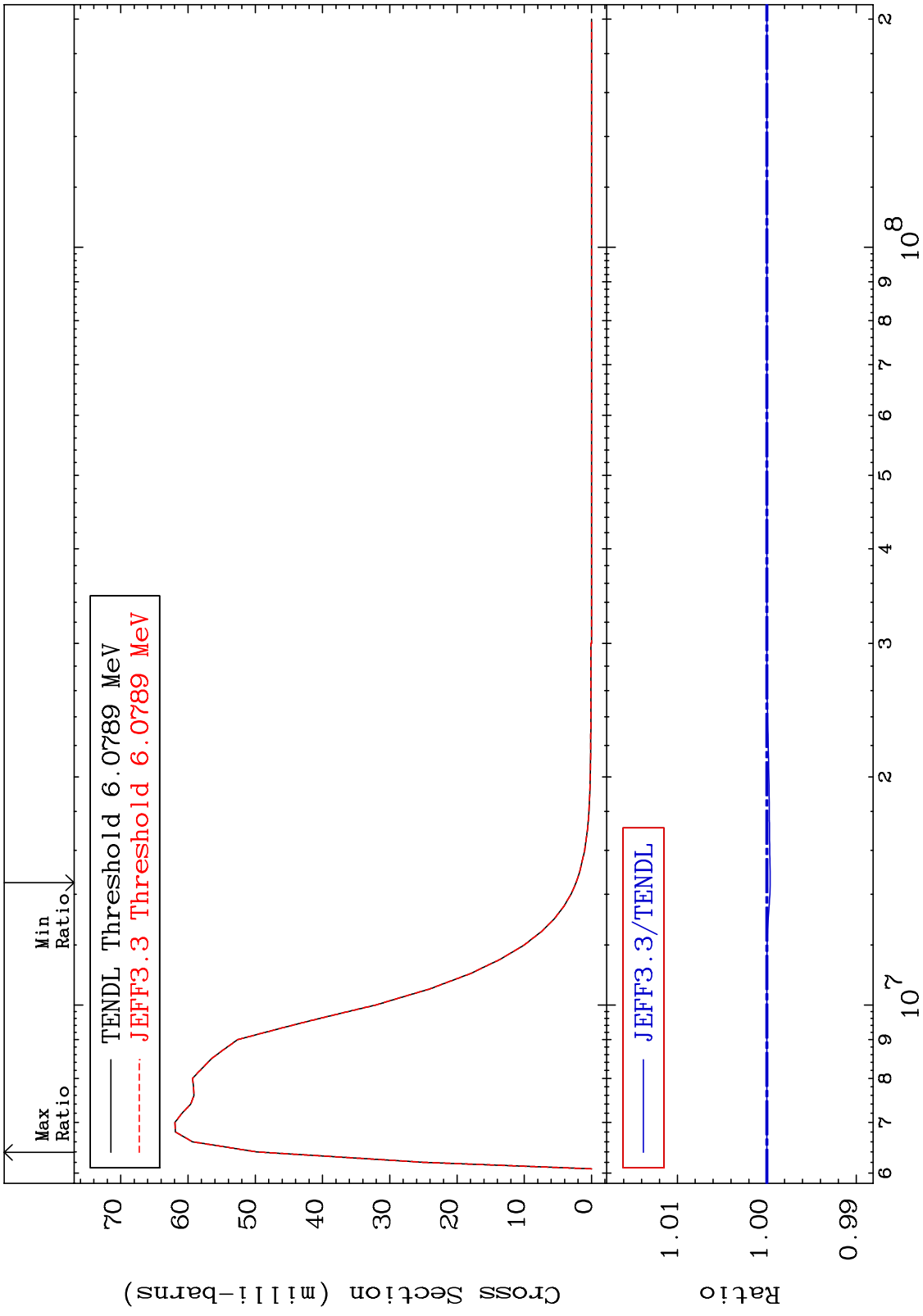


MAT 1437 MT= 60 (n,n') Level Cross Section 14-Si-32  
 -0.133 To 0.003 %

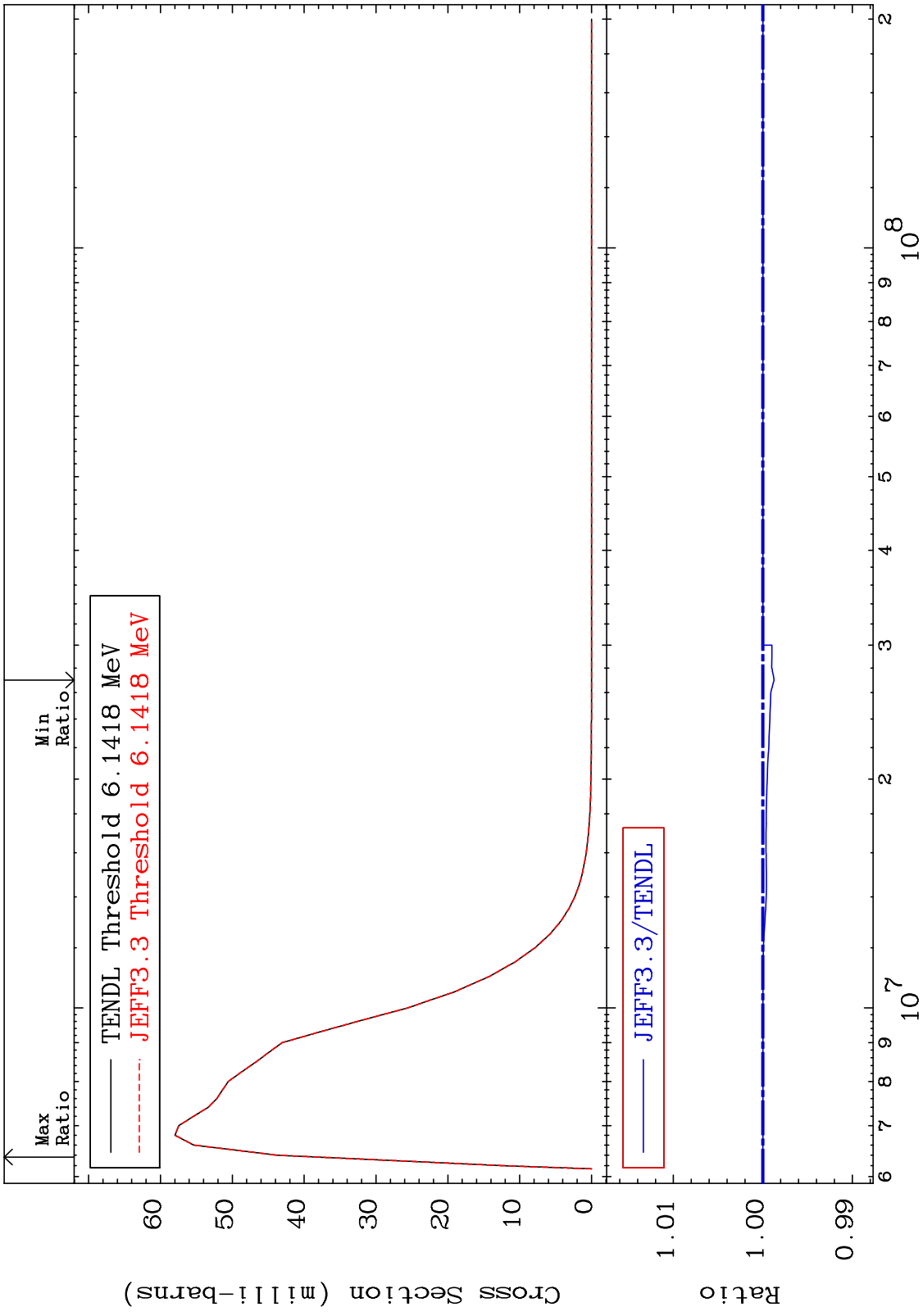




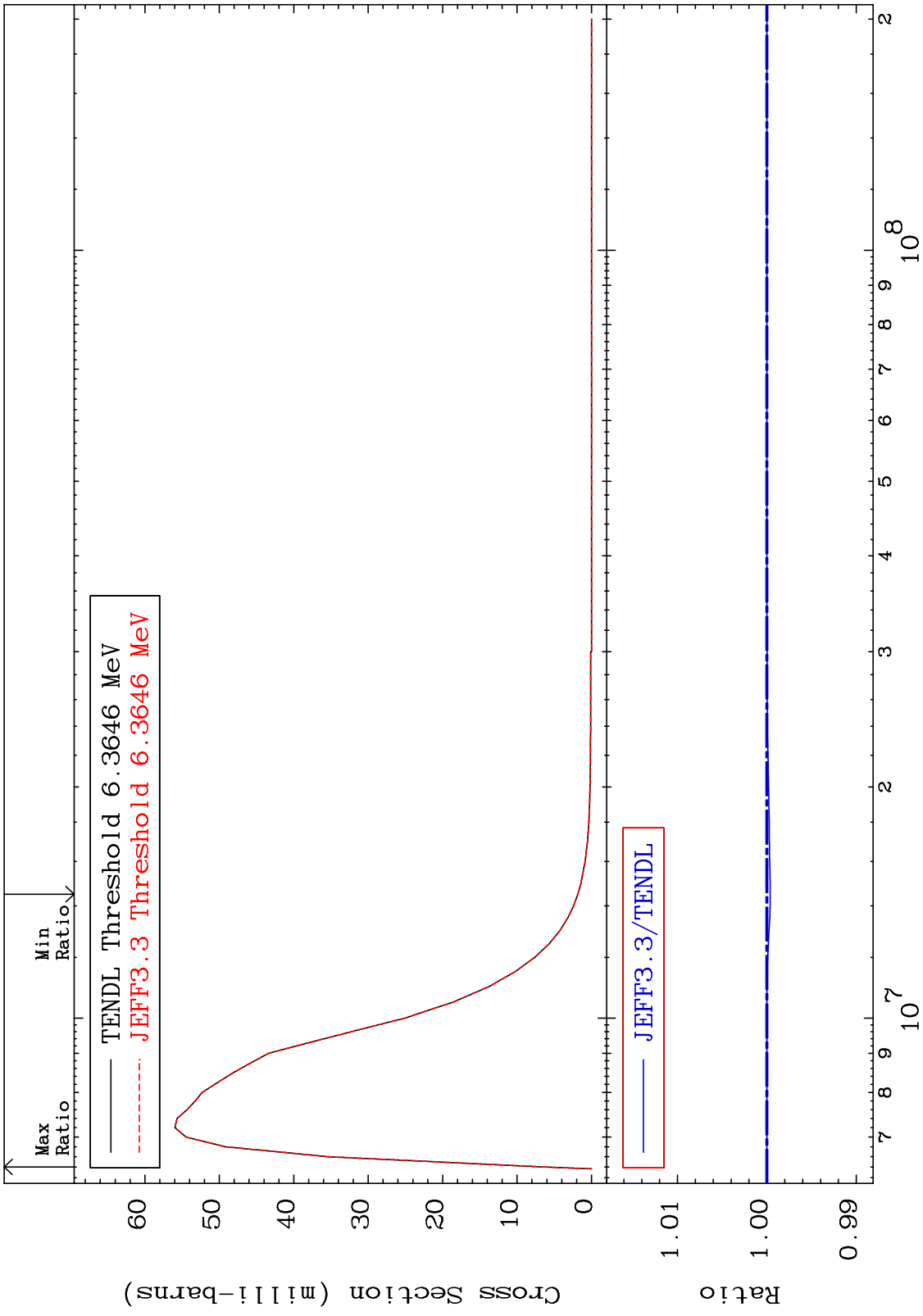
MAT 1437 MT= 61 (n,n') Level Cross Section 14-Si-32 -0.037 To 0.000 %



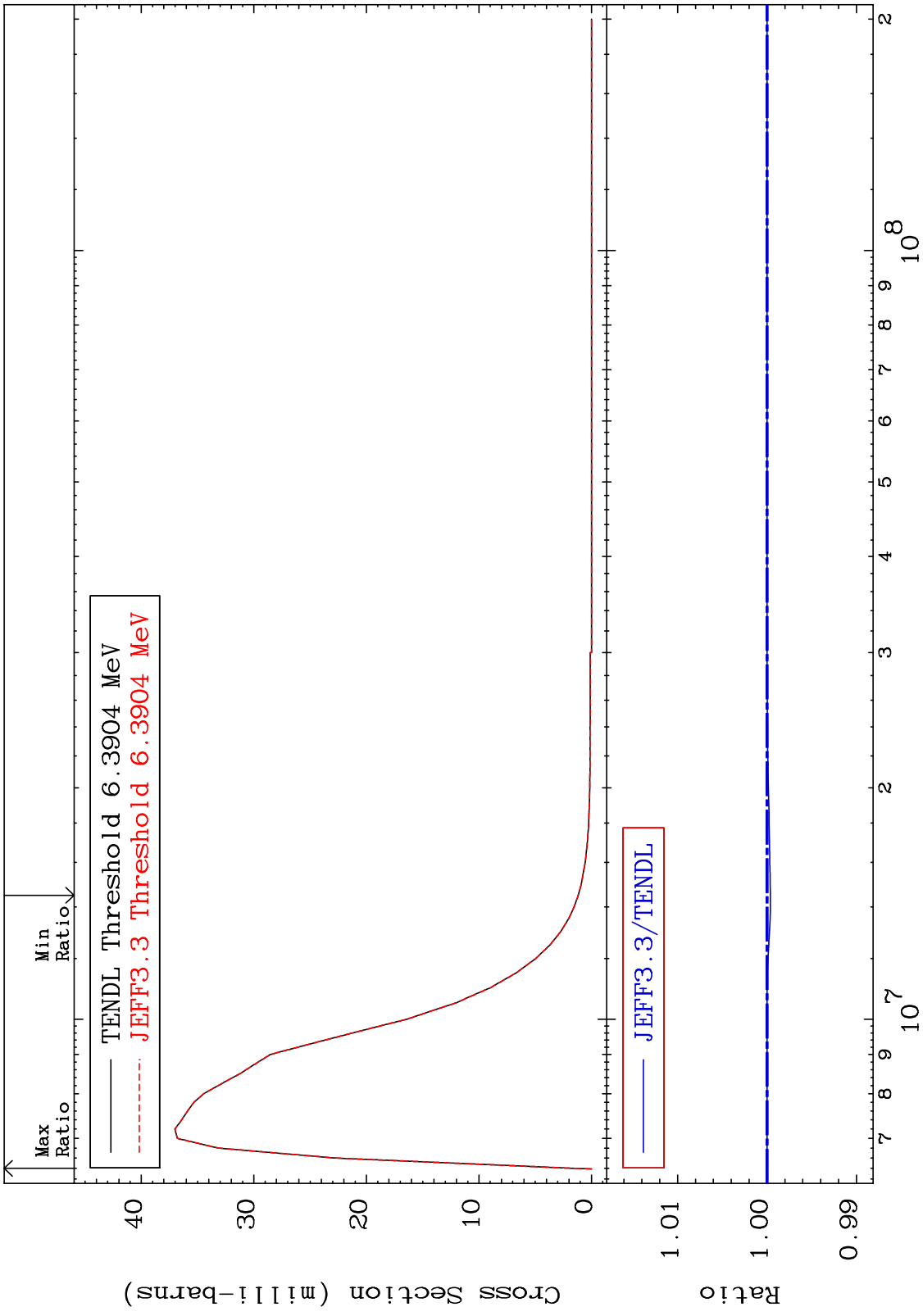
MAT 1437 MT= 62 (n,n') Level Cross Section 14-Si-32 -0.126 To 0.000 %



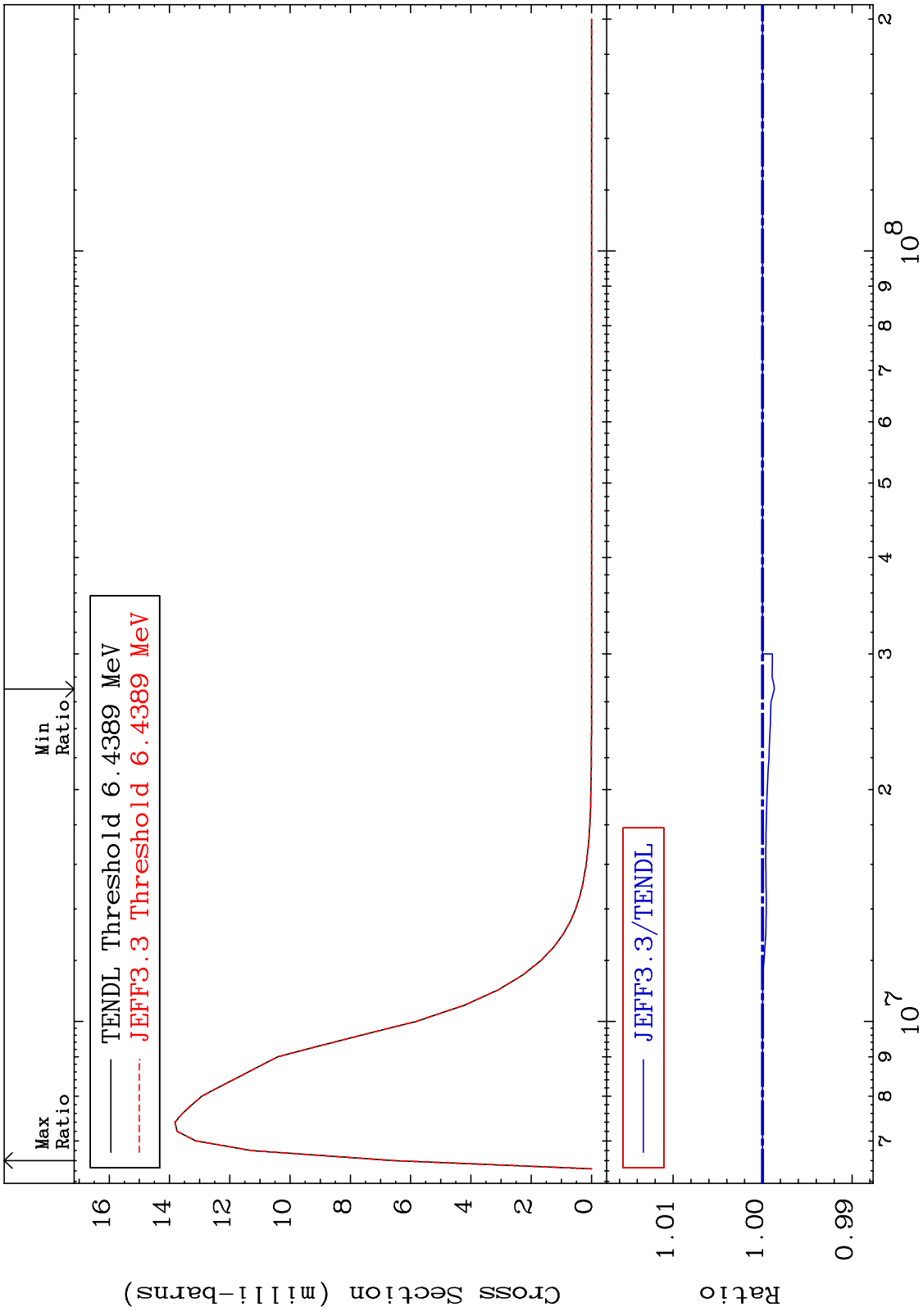
MAT 1437 MT= 63 (n,n') Level Cross Section 14-Si-32 -0.037 To 0.002 %



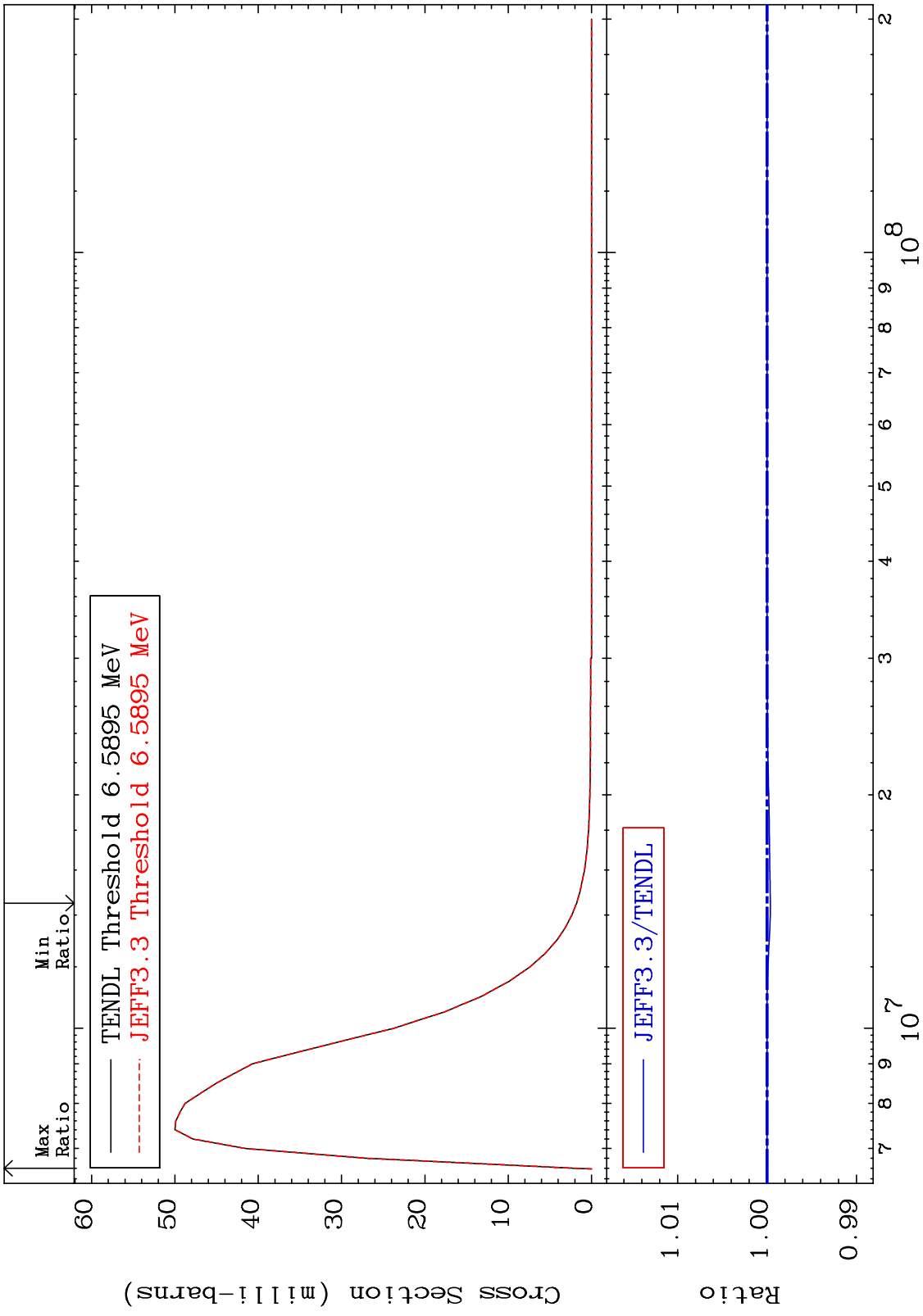
MAT 1437 MT= 64 (n,n') Level Cross Section 14-Si-32  
 -0.038 To 0.007 %



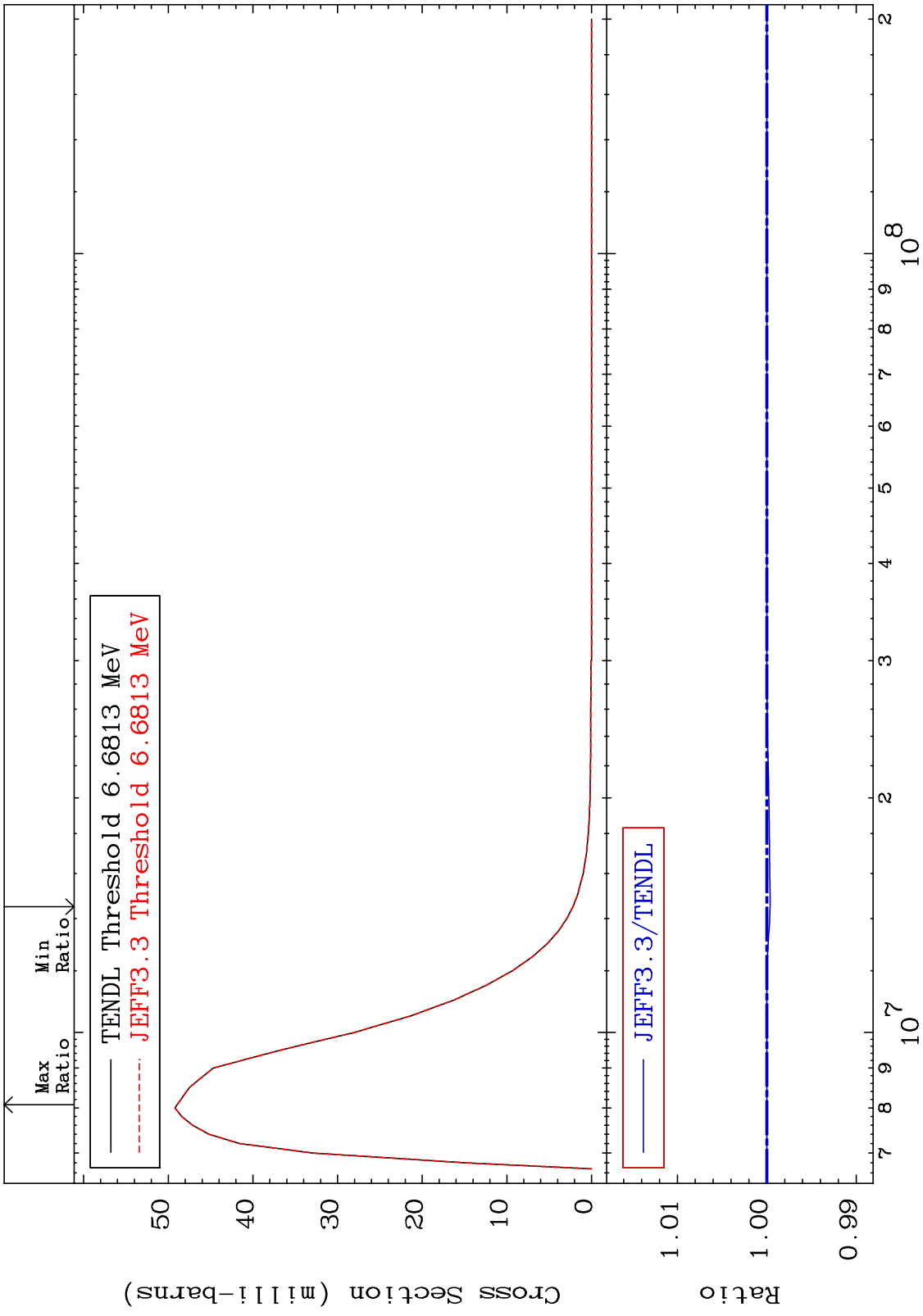
MAT 1437 MT= 65 (n,n') Level Cross Section 14-Si-32 -0.132 To 0.000 %



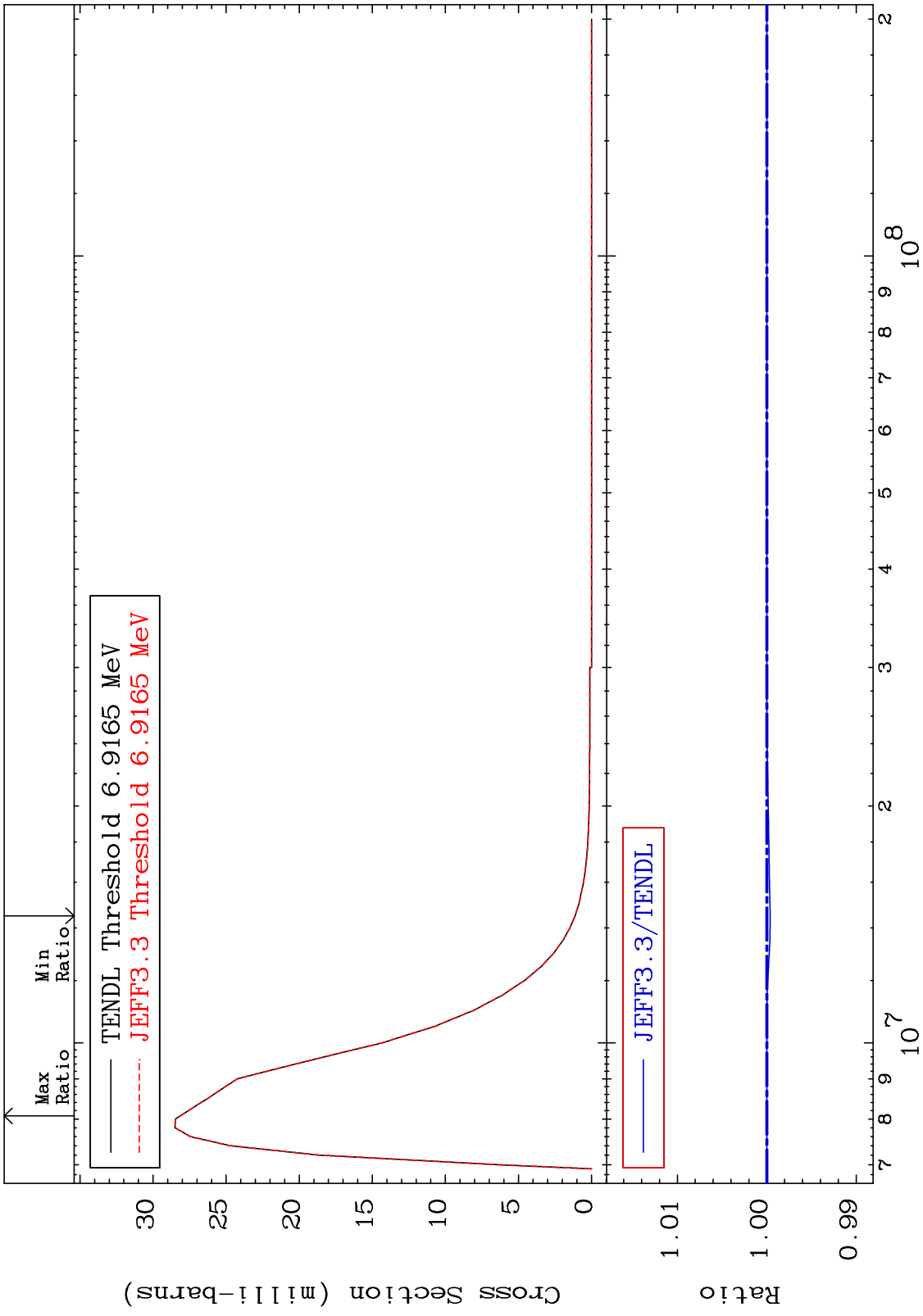
MAT 1437 MT= 66 (n,n') Level Cross Section 14-Si-32  
 -0.037 To 0.006 %



MAT 1437 MT= 67 (n,n') Level Cross Section 14-Si-32 -0.037 To 0.000 %

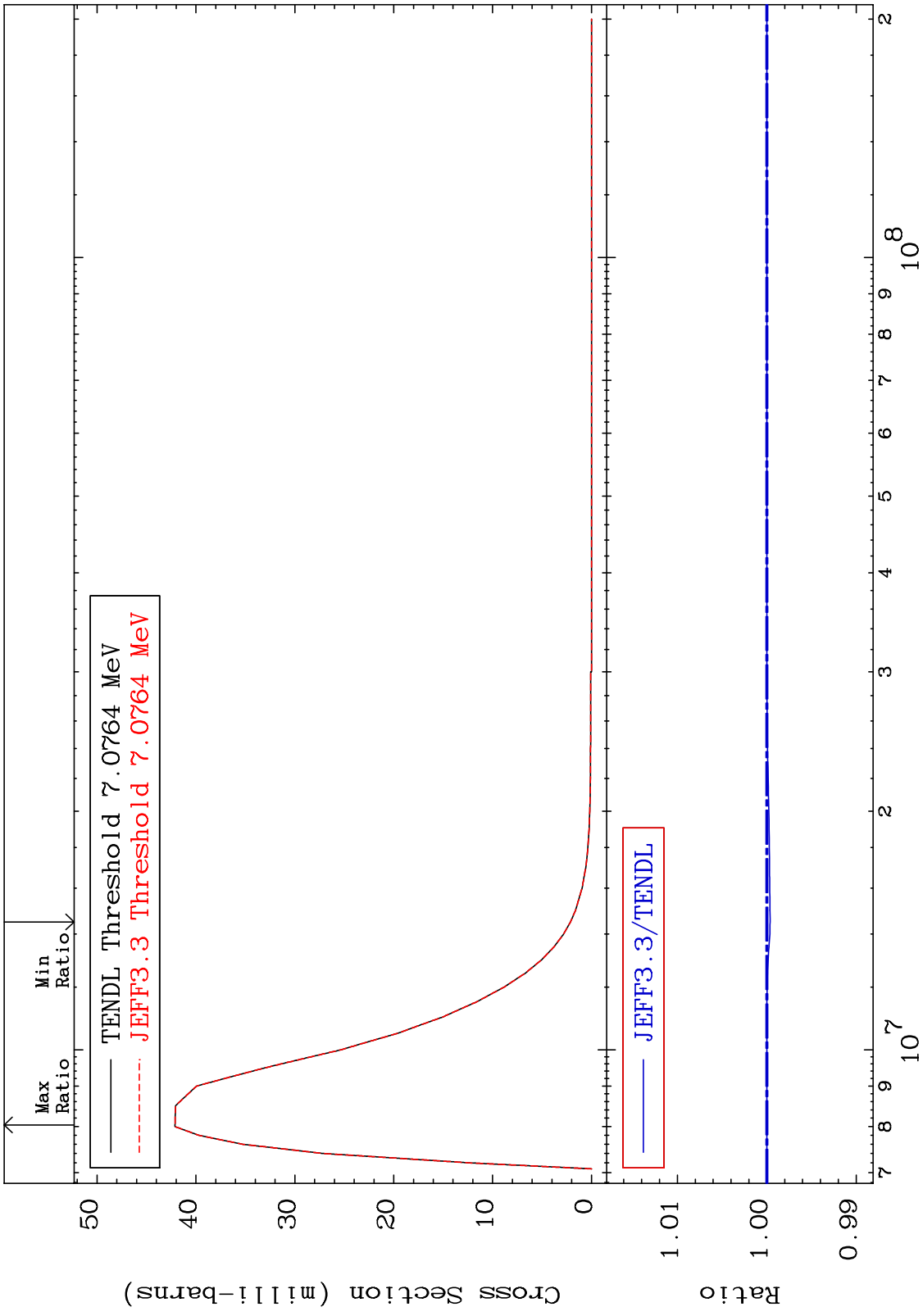


MAT 1437 MT= 68 (n,n') Level Cross Section 14-Si-32  
 -0.037 To 0.000 %

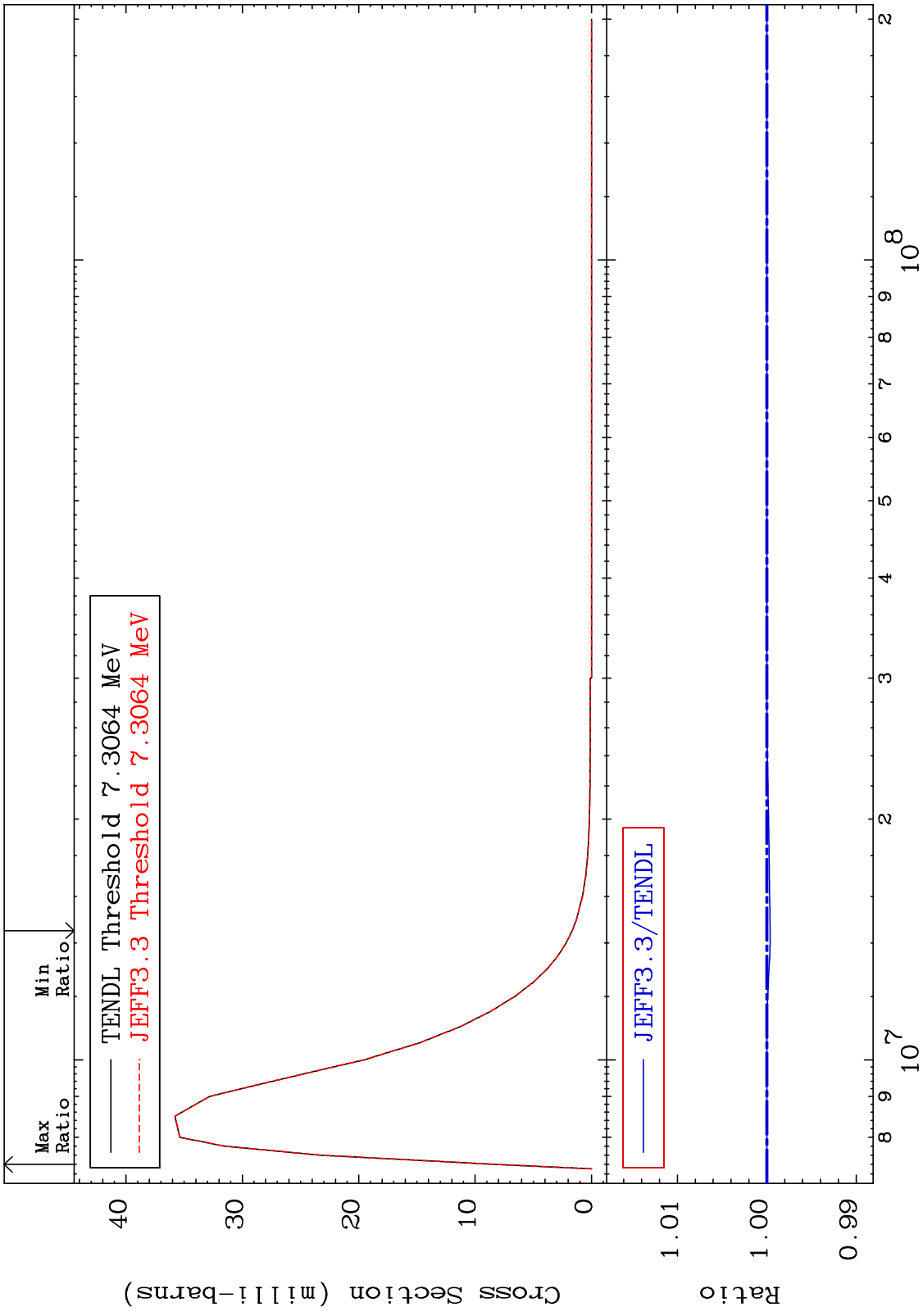




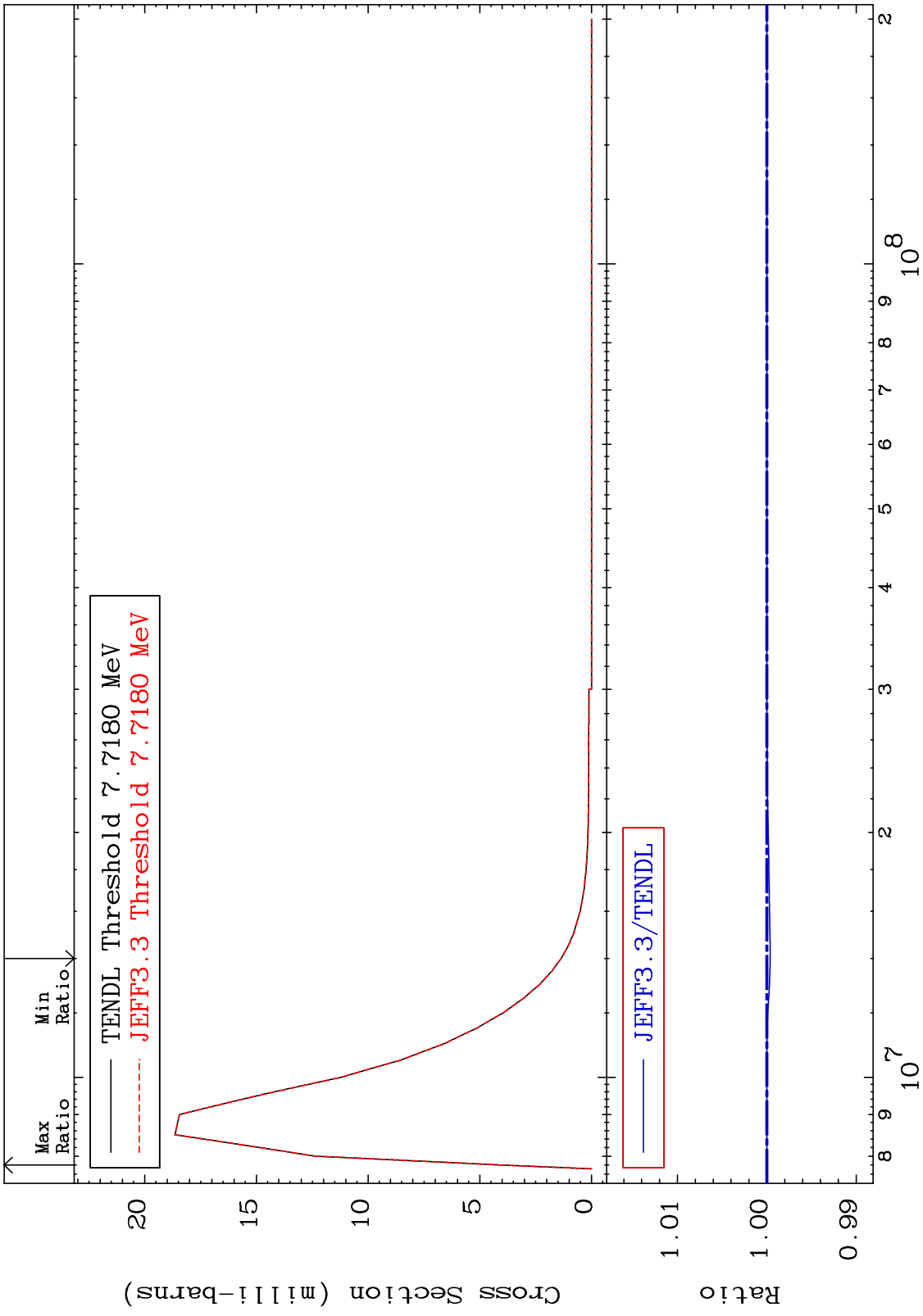
MAT 1437 MT= 69 (n,n') Level Cross Section 14-Si-32  
 -0.037 To 0.000 %



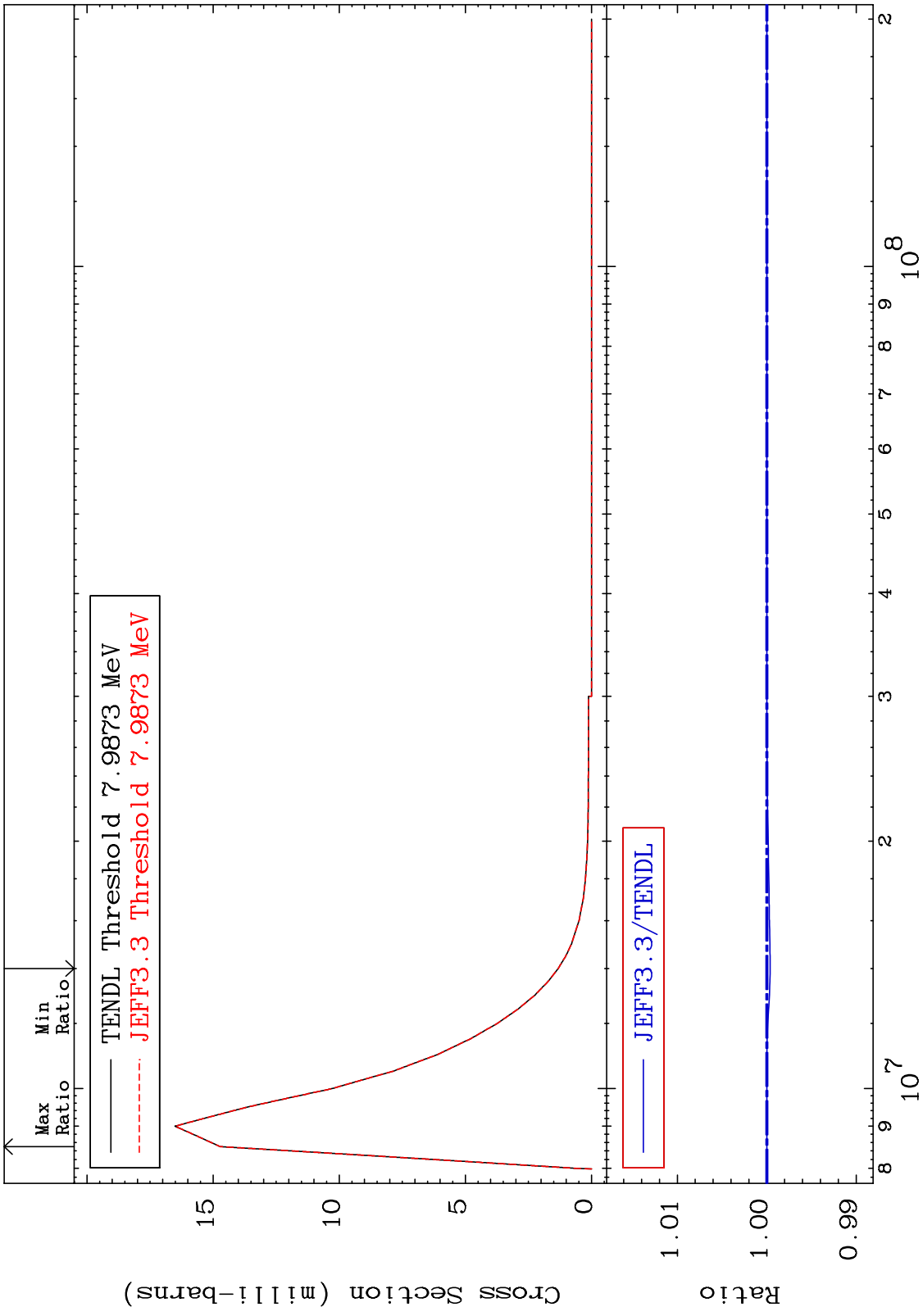
MAT 1437 MT= 70 (n,n') Level Cross Section 14-Si-32  
 -0.038 To 0.001 %



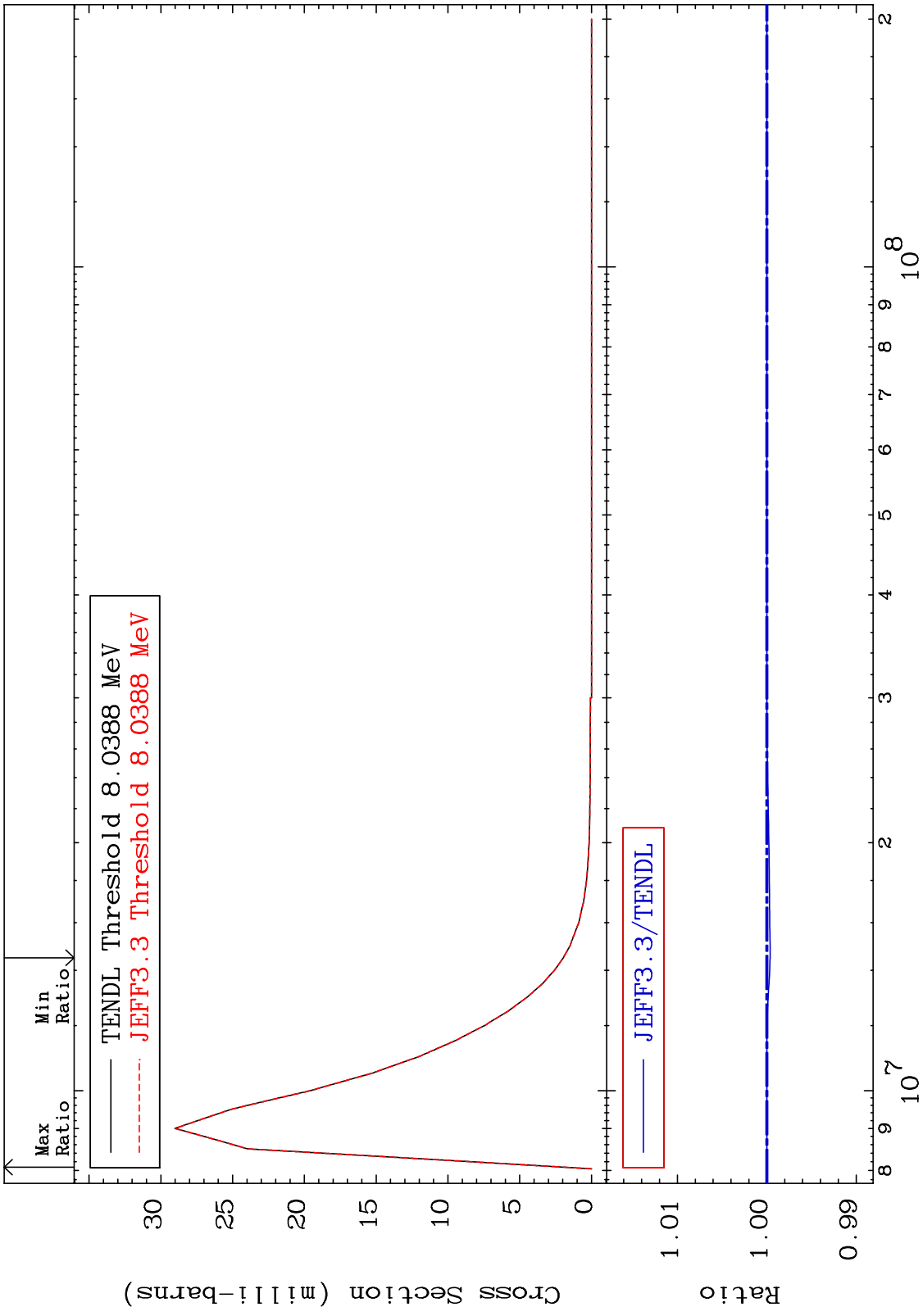
MAT 1437 MT= 71 (n,n') Level Cross Section 14-Si-32  
 -0.037 To 0.001 %



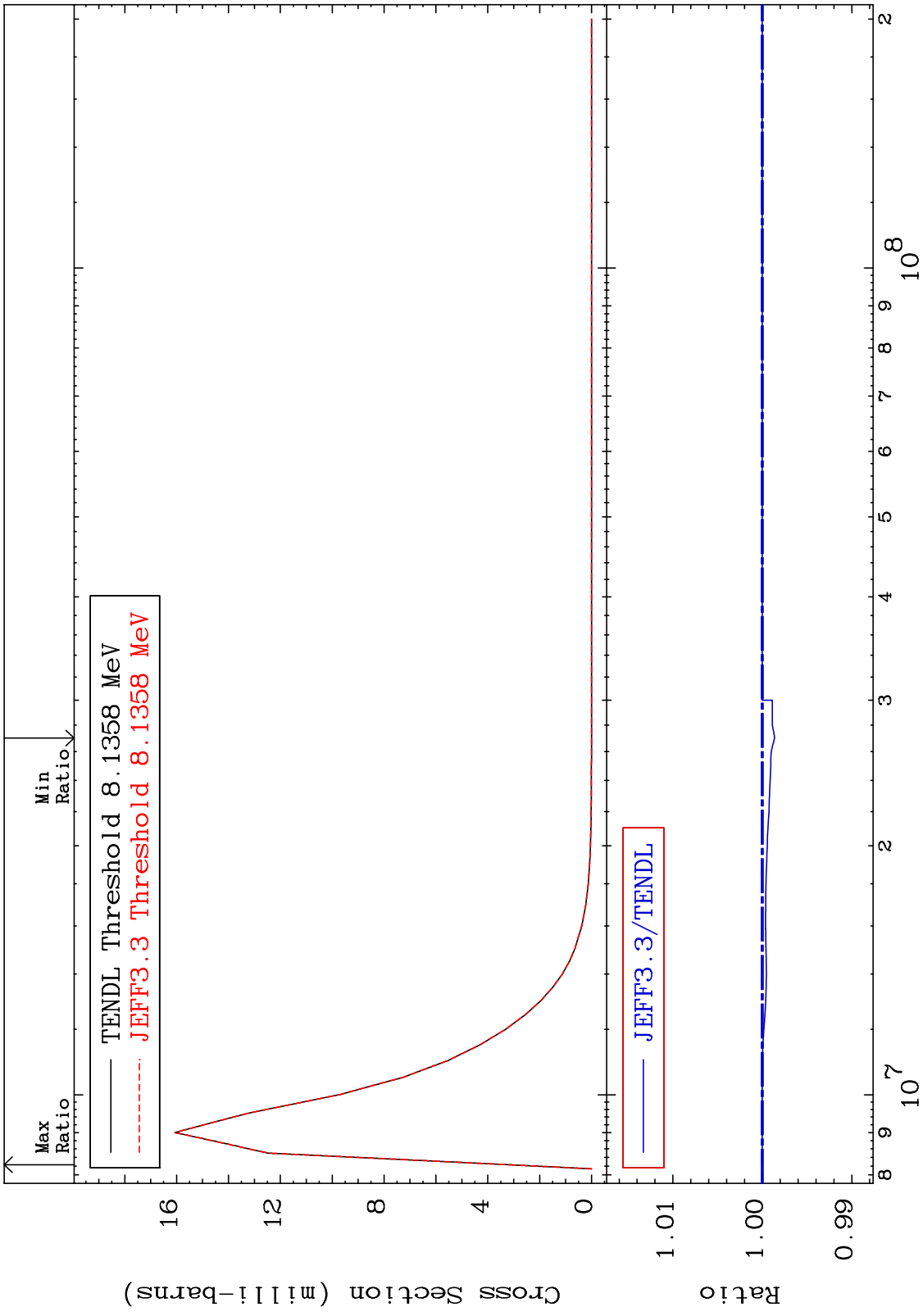
MAT 1437 MT= 72 (n,n') Level Cross Section 14-Si-32 -0.037 To 0.000 %



MAT 1437 MT= 73 (n,n') Level Cross Section 14-Si-32  
-0.037 To 0.000 %

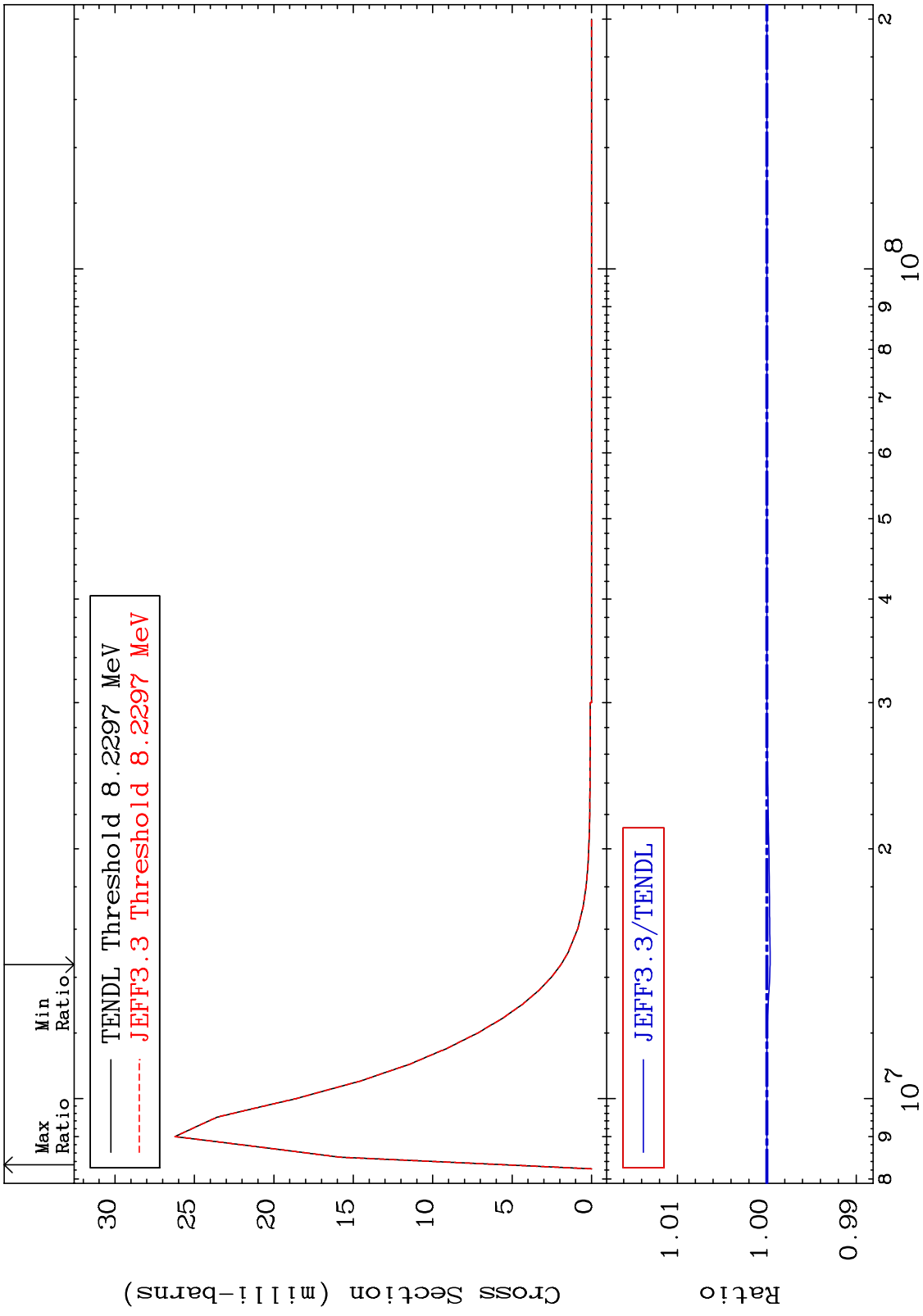


MAT 1437 MT= 74 (n,n') Level Cross Section 14-Si-32 -0.136 To 0.000 %

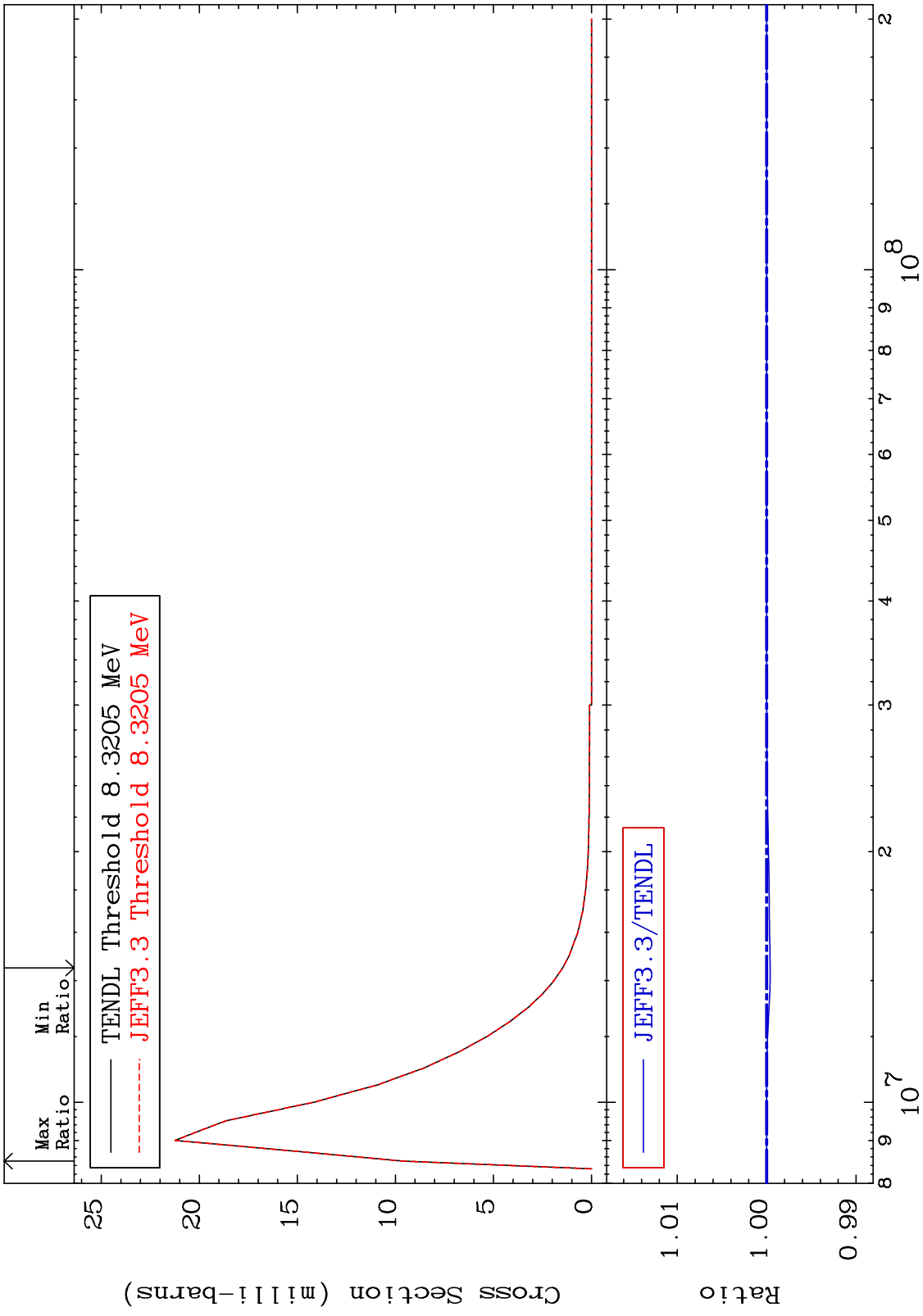


37 14-Si-32

MAT 1437 MT= 75 (n,n') Level Cross Section 14-Si-32  
 -0.036 To 0.000 %



MAT 1437 MT= 76 (n,n') Level Cross Section 14-Si-32  
 -0.039 To 0.000 %

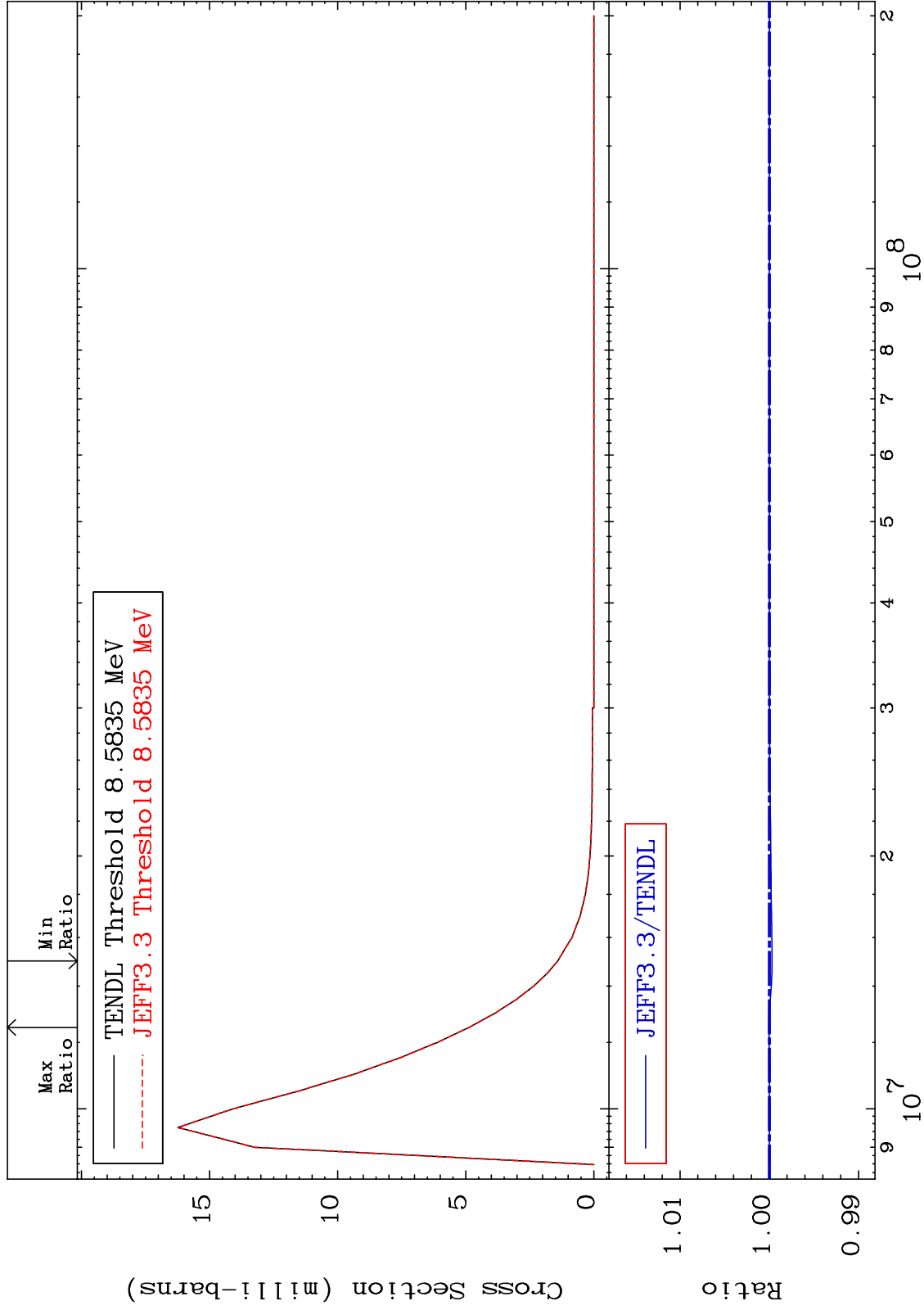




MAT 1437

MT= 77 (n,n') Level  
Cross Section

14-Si-32  
-0.031 To 0.004 %

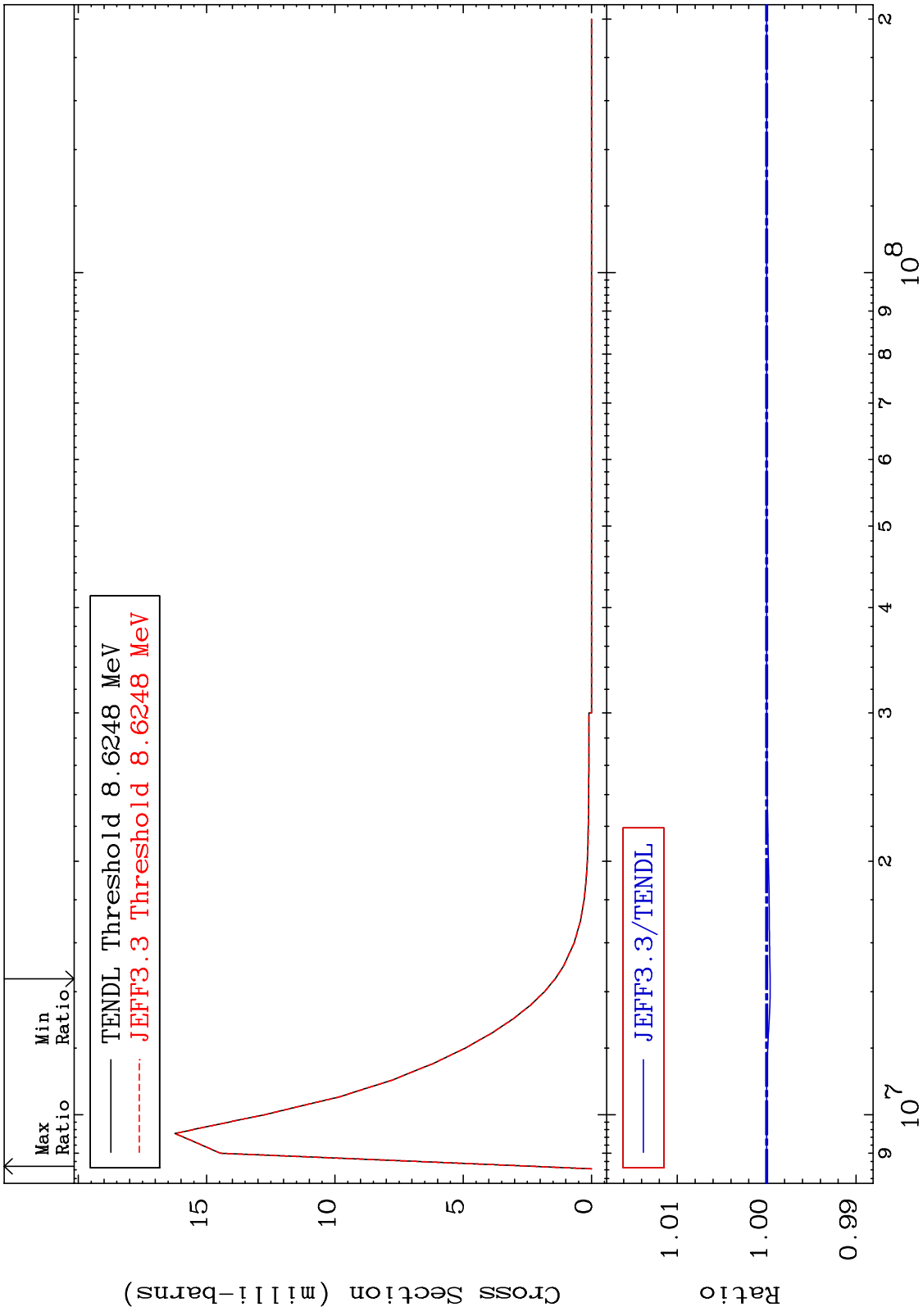


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Incident Energy (eV)

14-Si-32

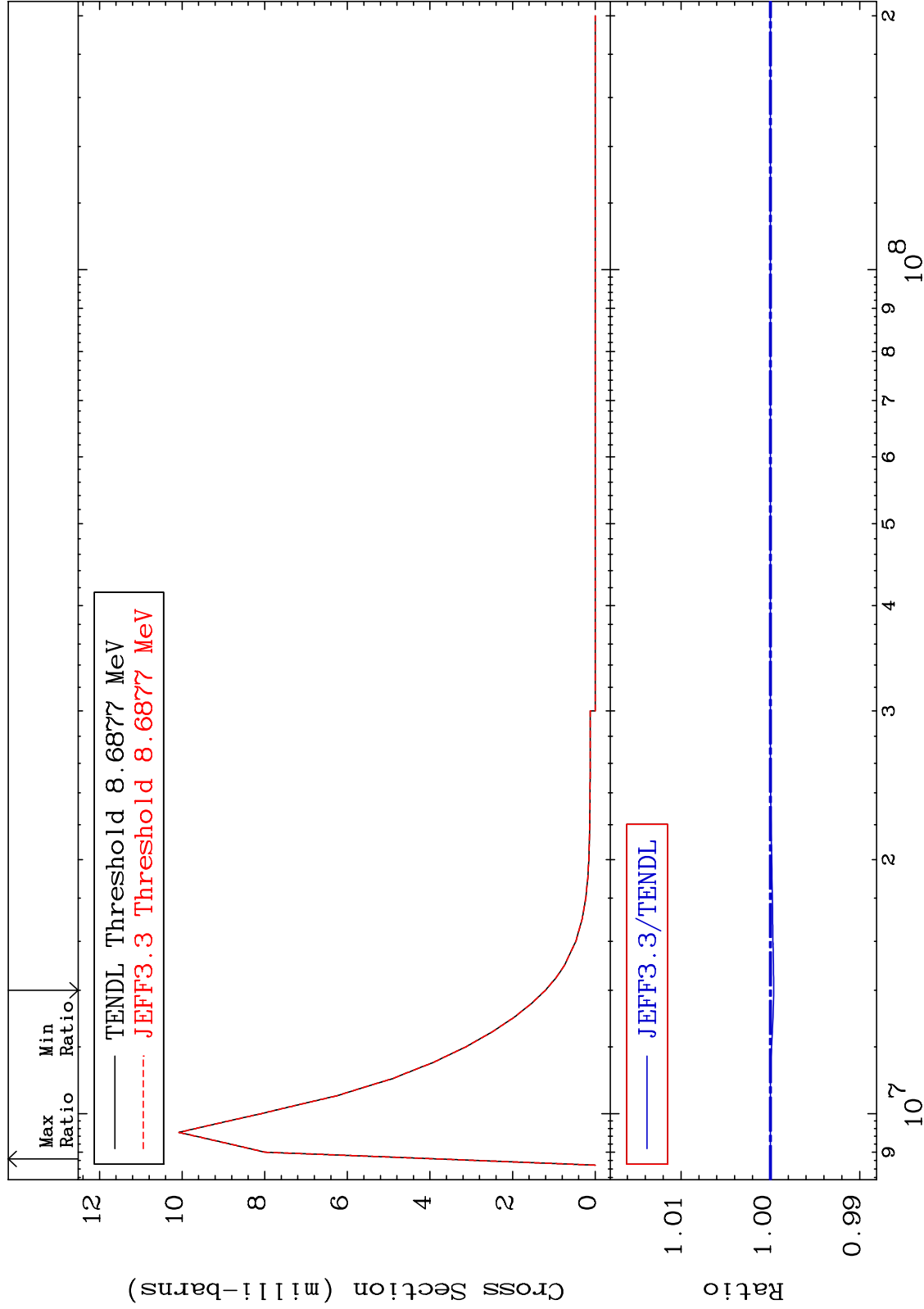
MAT 1437 MT= 78 (n,n') Level Cross Section 14-Si-32  
 -0.040 To 0.000 %



MAT 1437

MT= 79 (n,n') Level  
Cross Section

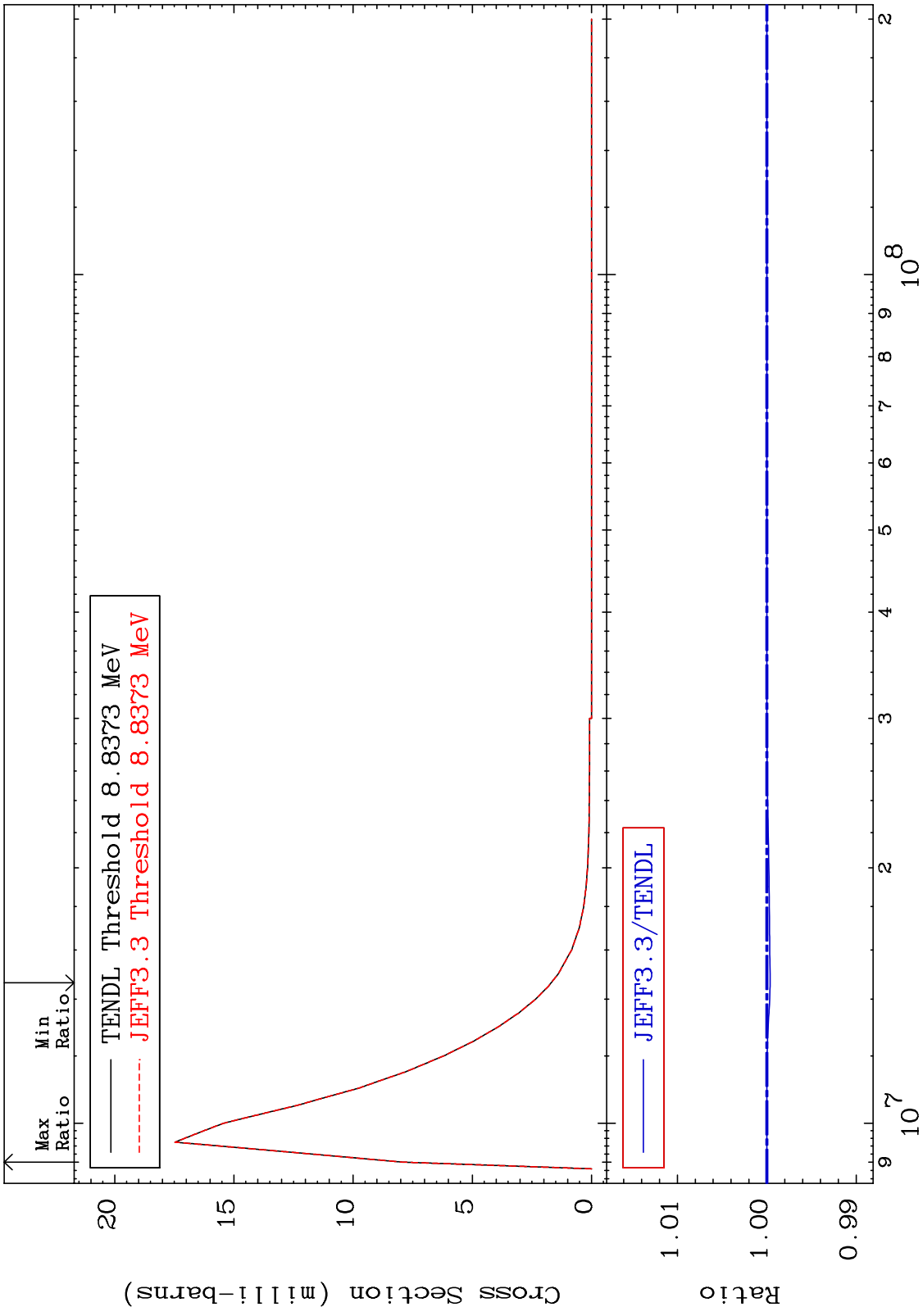
14-Si-32  
-0.037 To 0.000 %



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14-Si-32

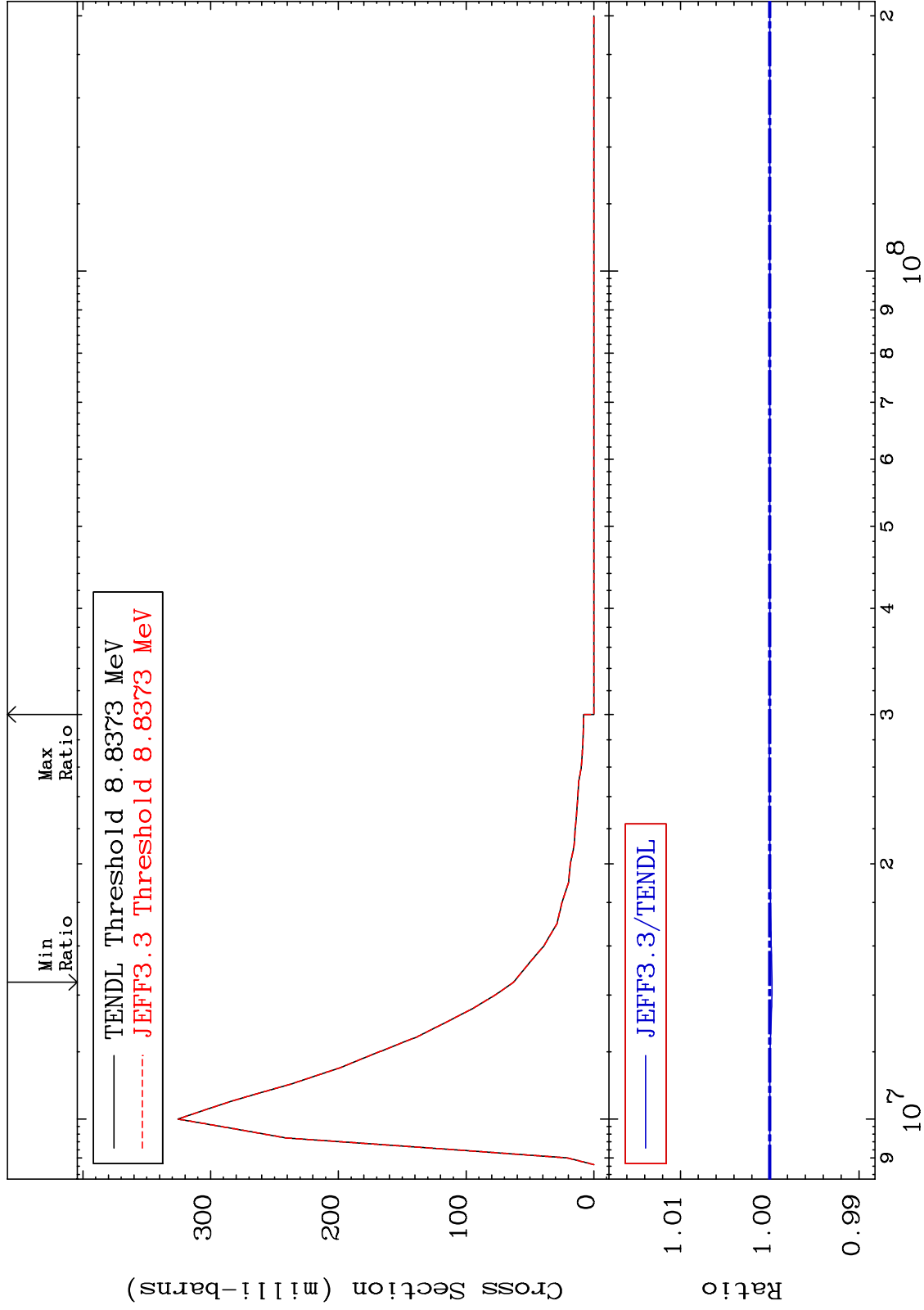
MAT 1437 MT= 80 (n,n') Level Cross Section 14-Si-32 -0.036 To 0.000 %



MAT 1437

(n,n') Continuum  
Cross Section

14-Si-32  
-0.026 To 0.007 %



44

Incident Energy (eV)

14-Si-32

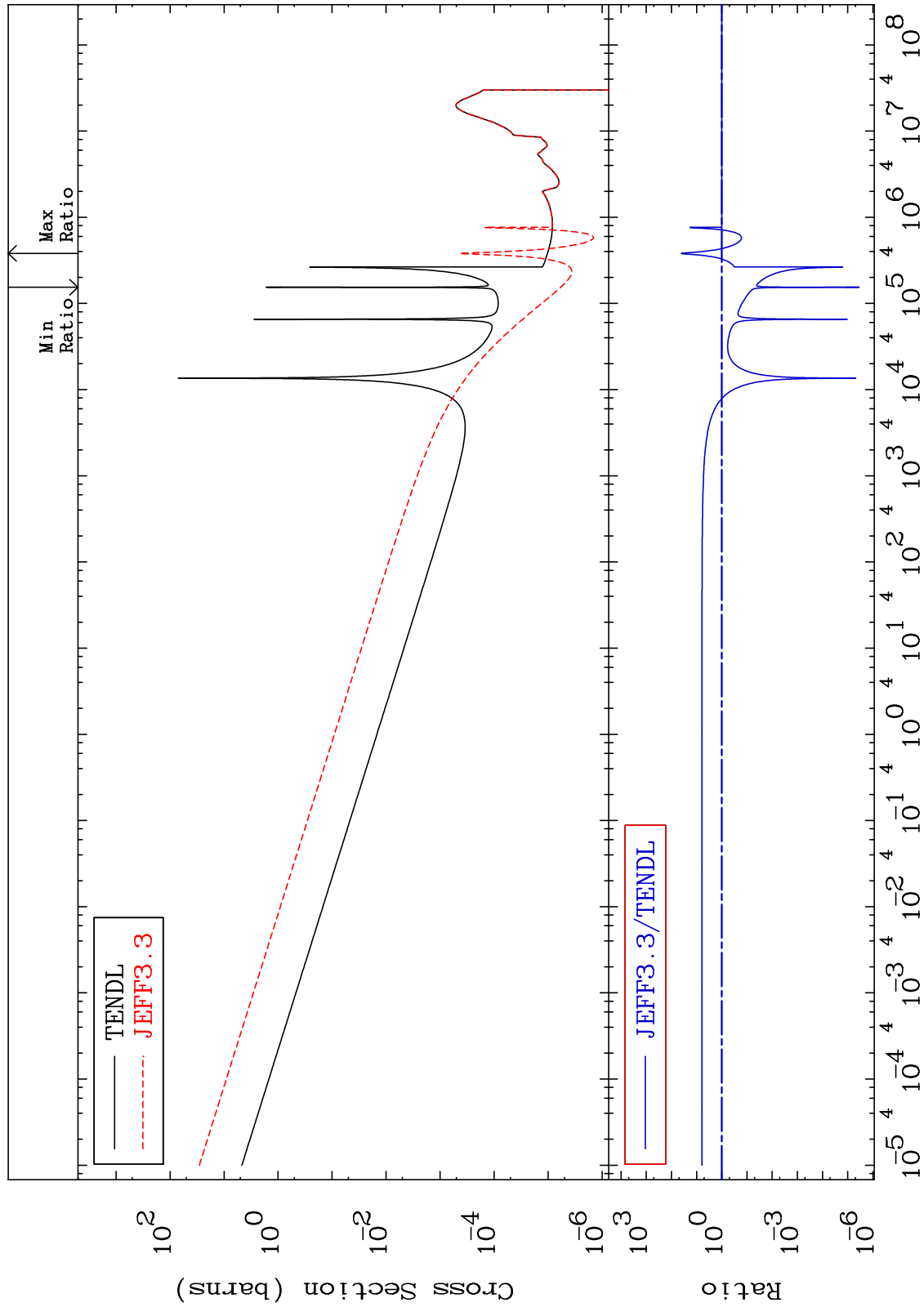
MAT 1437

(n,  $\gamma$ )

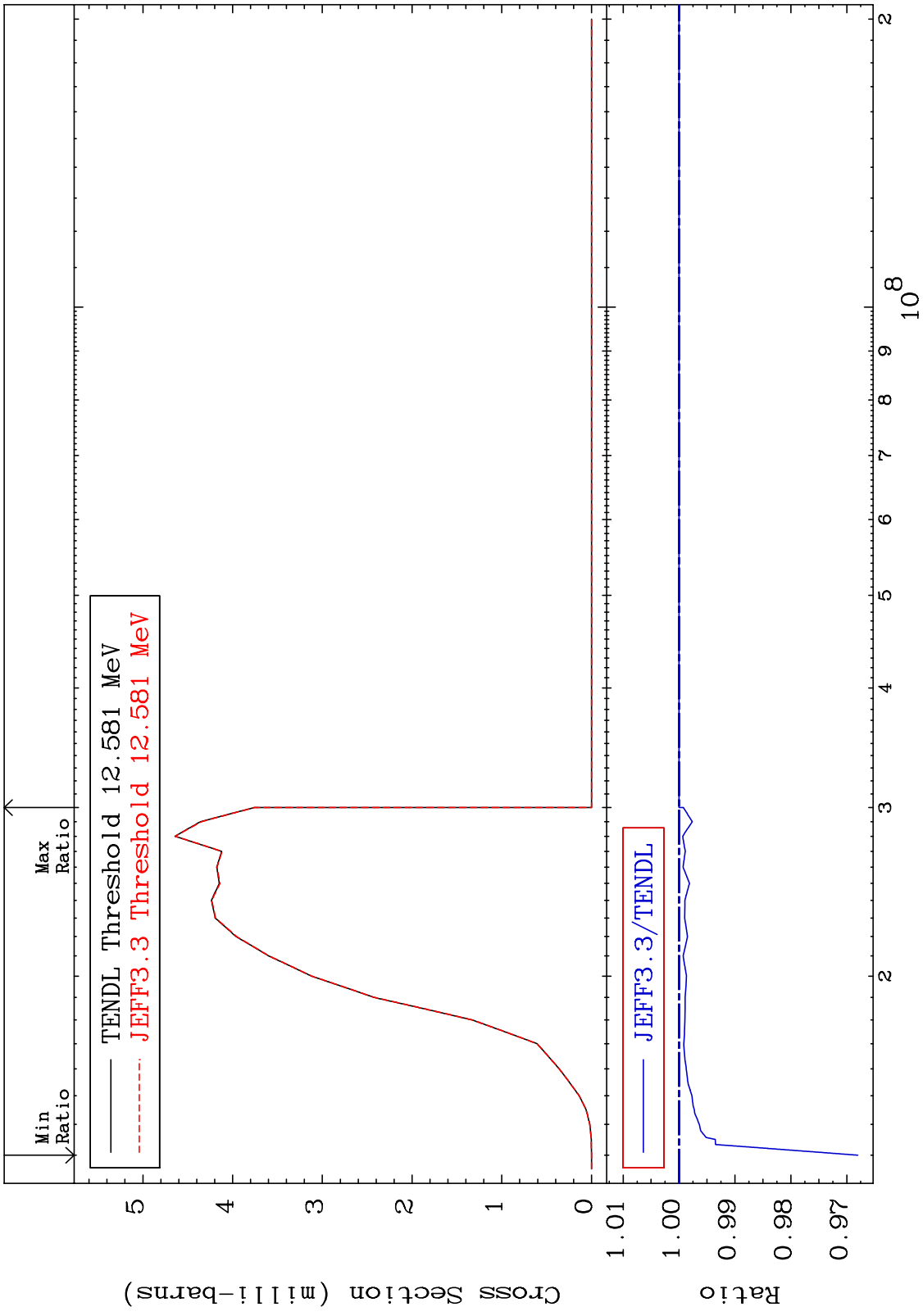
14-Si-32

Cross Section

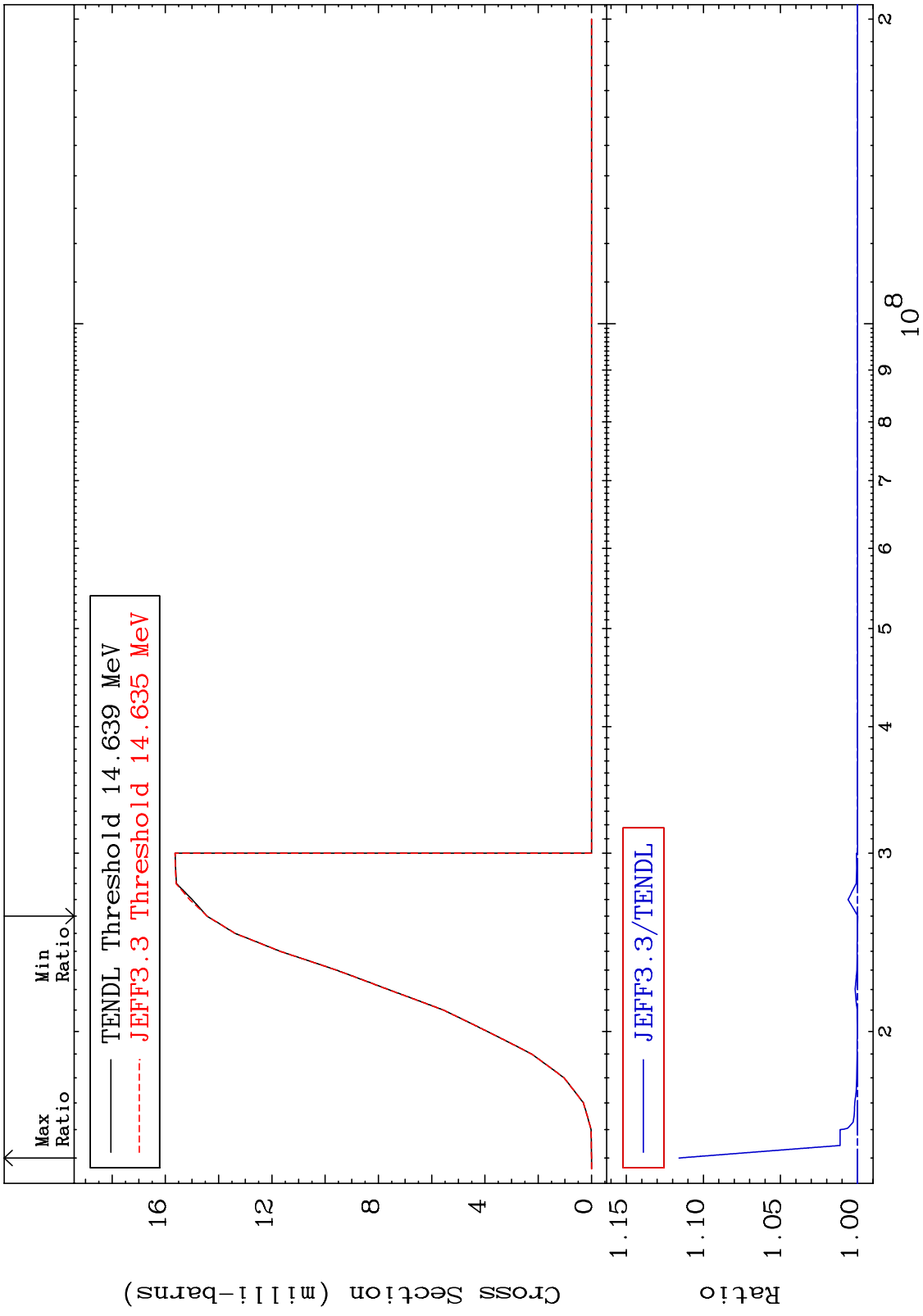
-100.0 To 4118. %



MAT 1437 (n,p) 14-Si-32  
 Cross Section -3.198 To 0.000 %

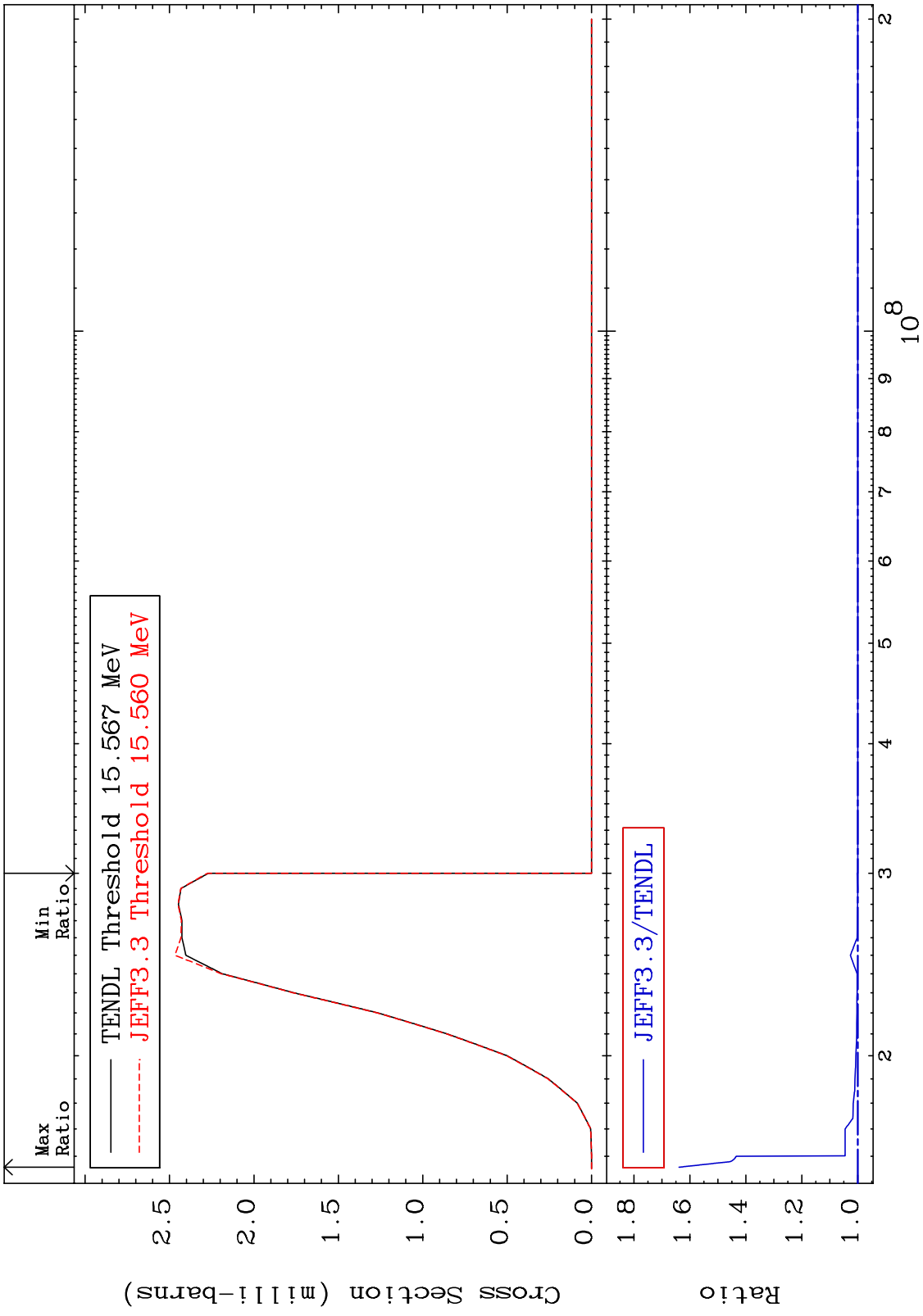


MAT 1437 (n,d) 14-Si-32  
Cross Section -0.023 To 11.58 %

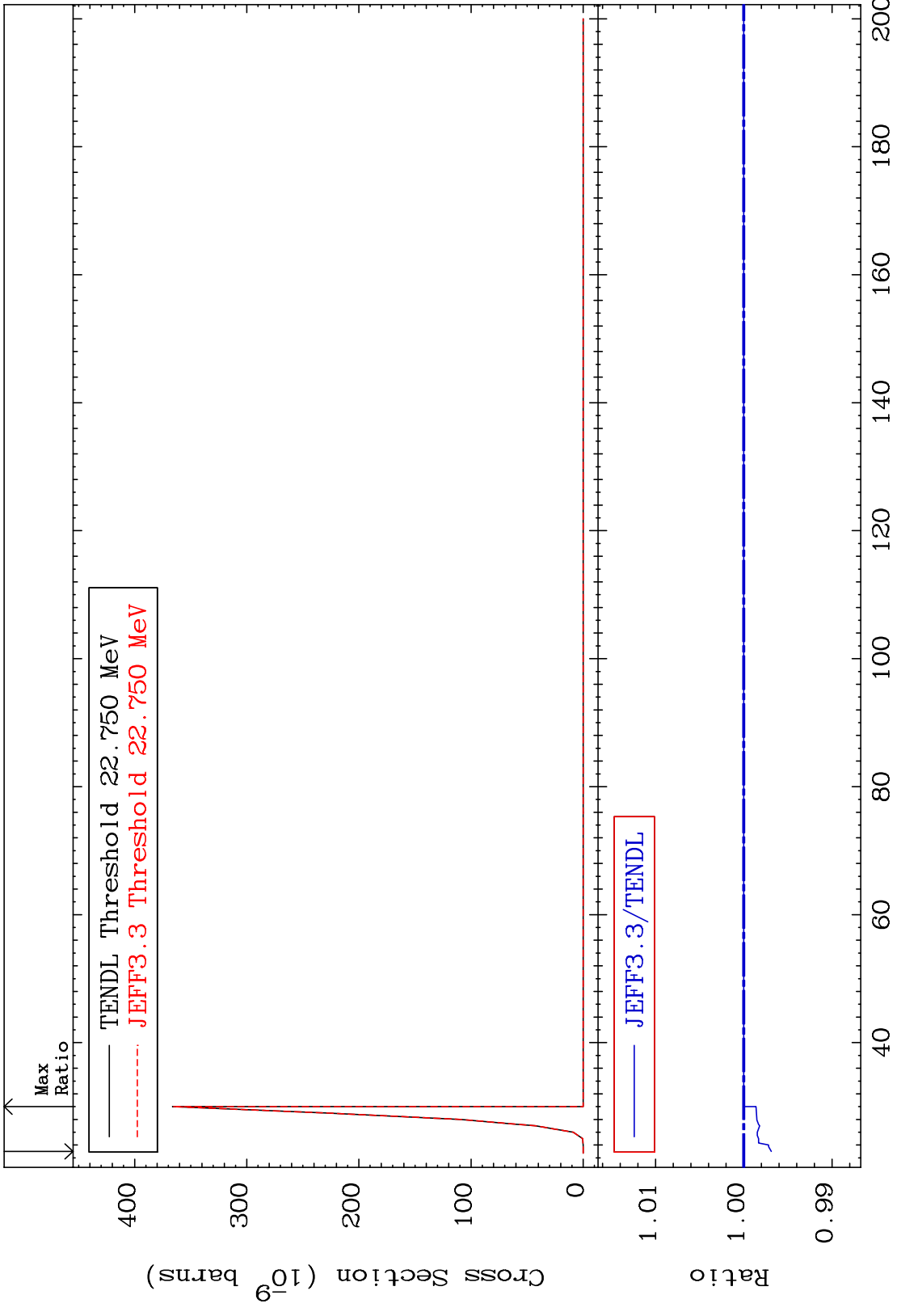




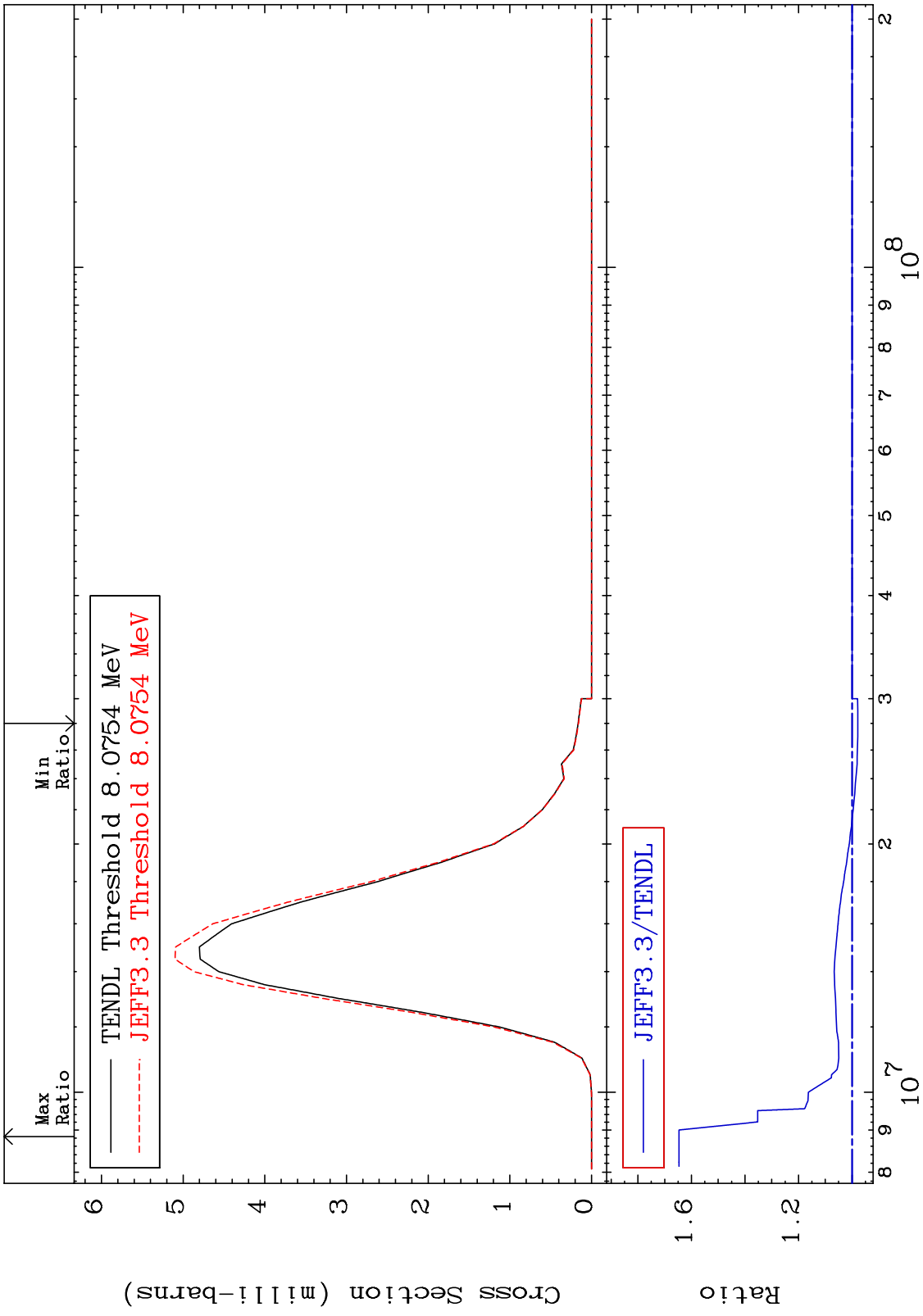
MAT 1437 (n,t) Cross Section 14-Si-32 To 63.89 %



MAT 1437 (n, He-3) 14-Si-32  
Cross Section -0.312 To 0.000 %

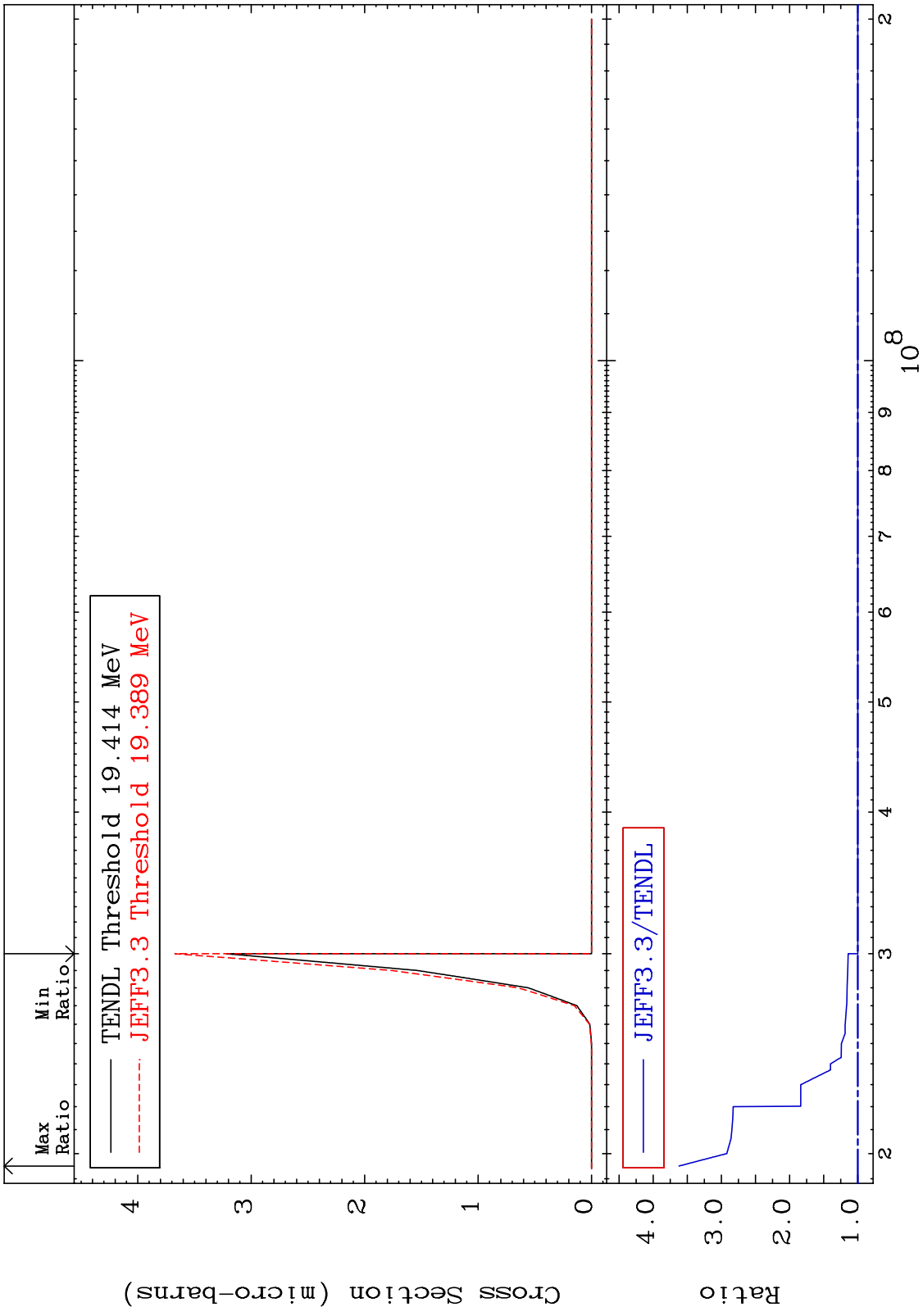


MAT 1437  $(n, \alpha)$  Cross Section 14-Si-32  
-2.169 To 64.63 %

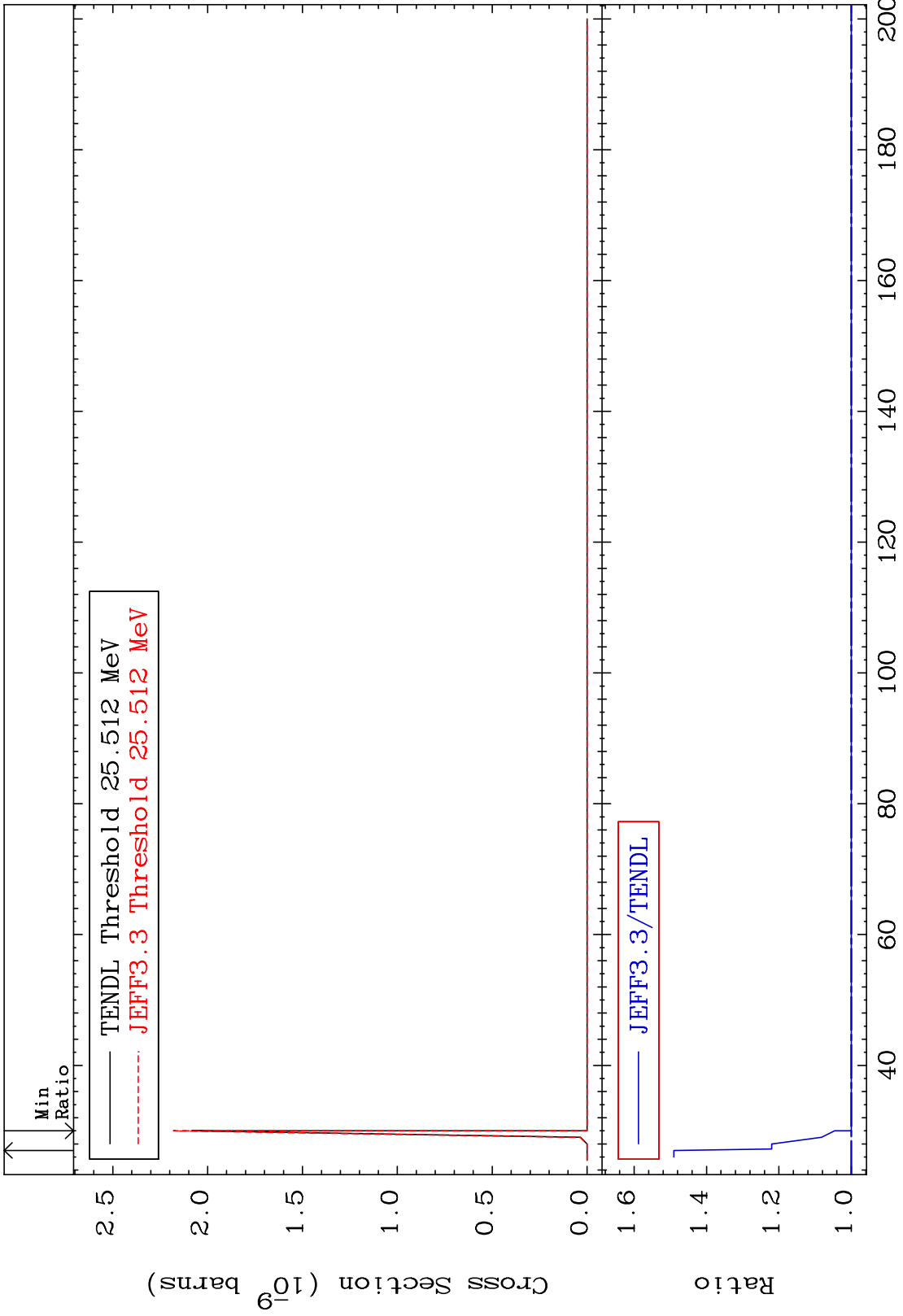


50 14-Si-32 Incident Energy (eV)

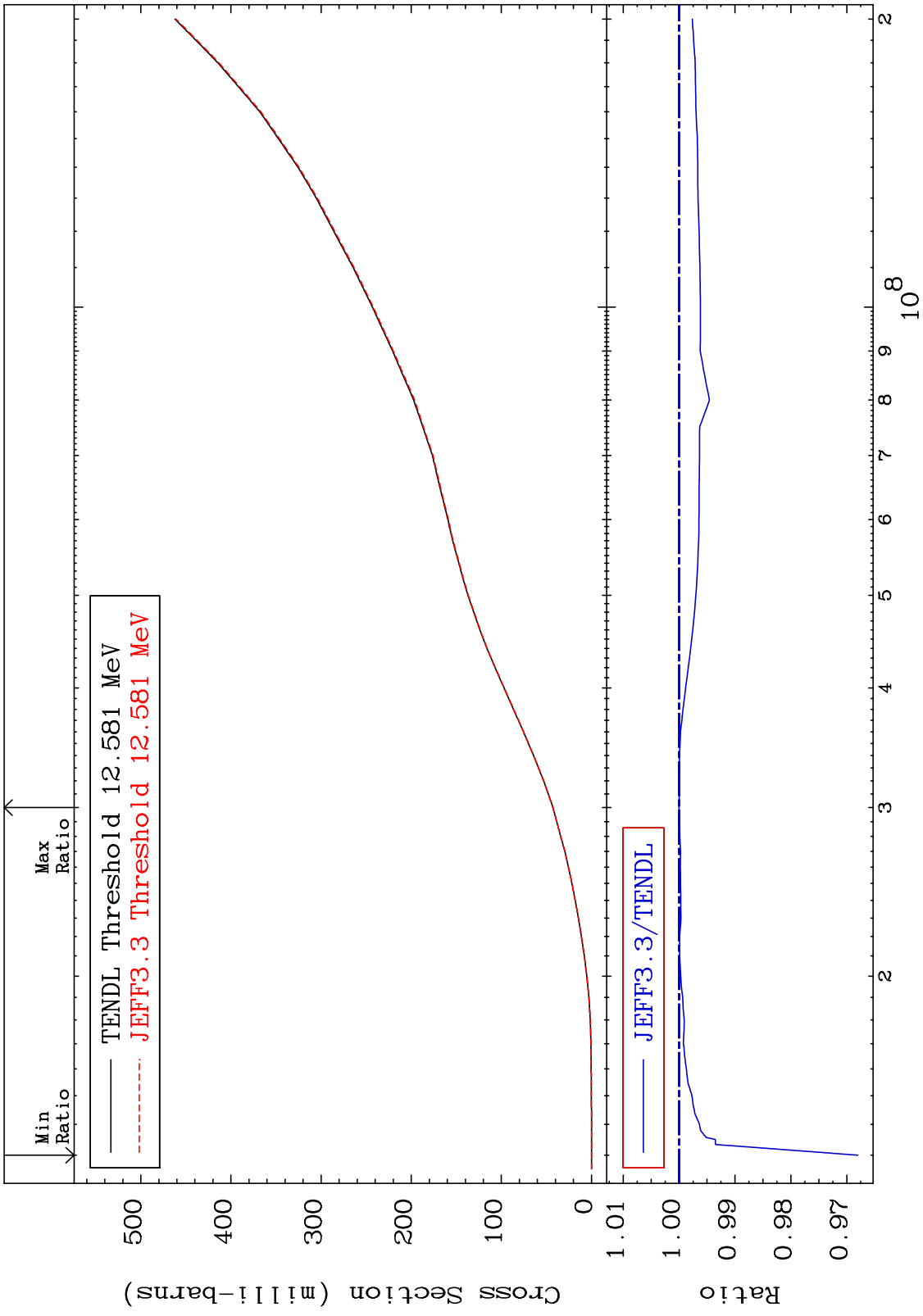
MAT 1437  $(n, 2\alpha)$  Cross Section 14-Si-32 To 262.2 %



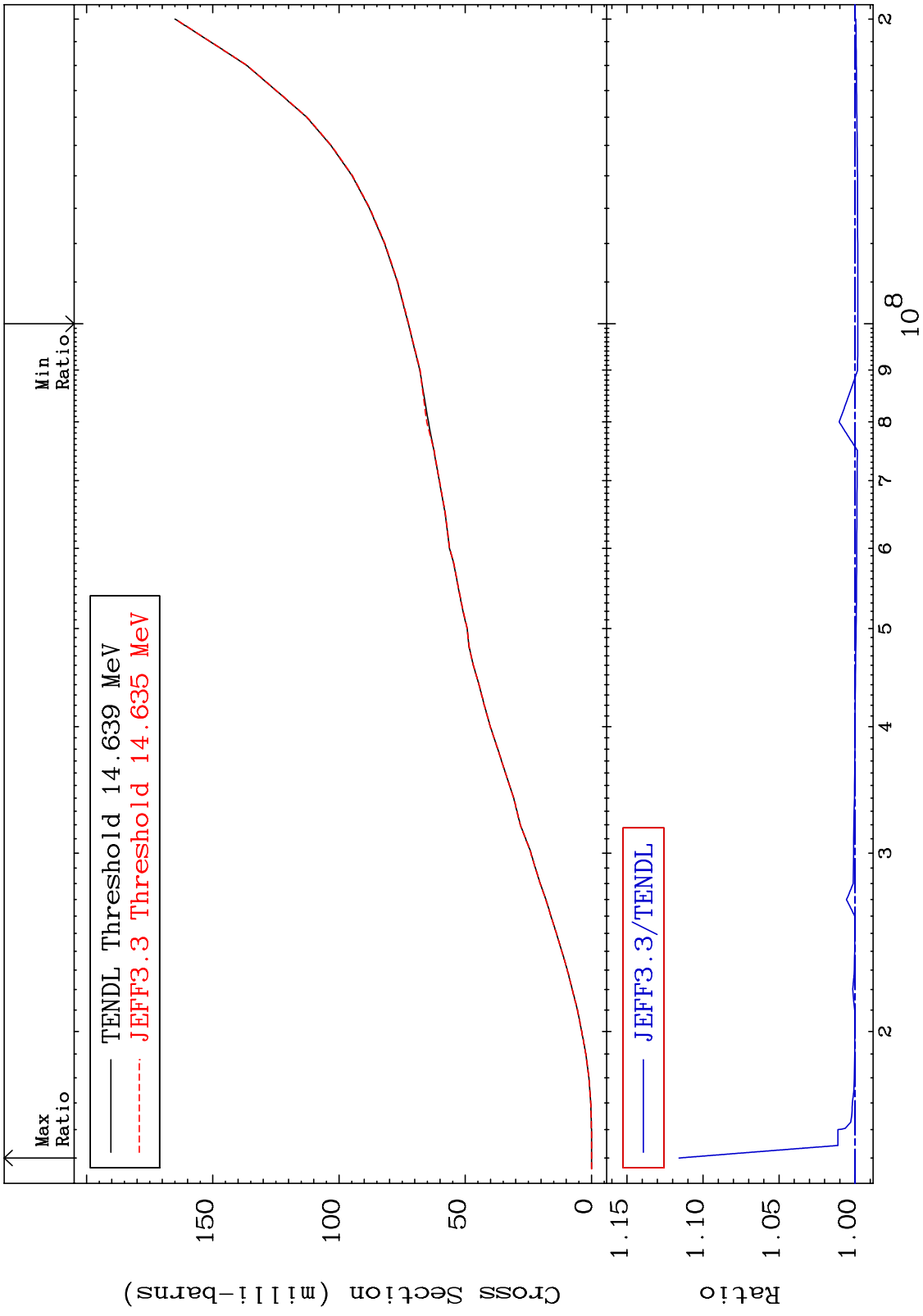
MAT 1437 (n,p)  $\alpha$  14-Si-32  
Cross Section To 49.02 %



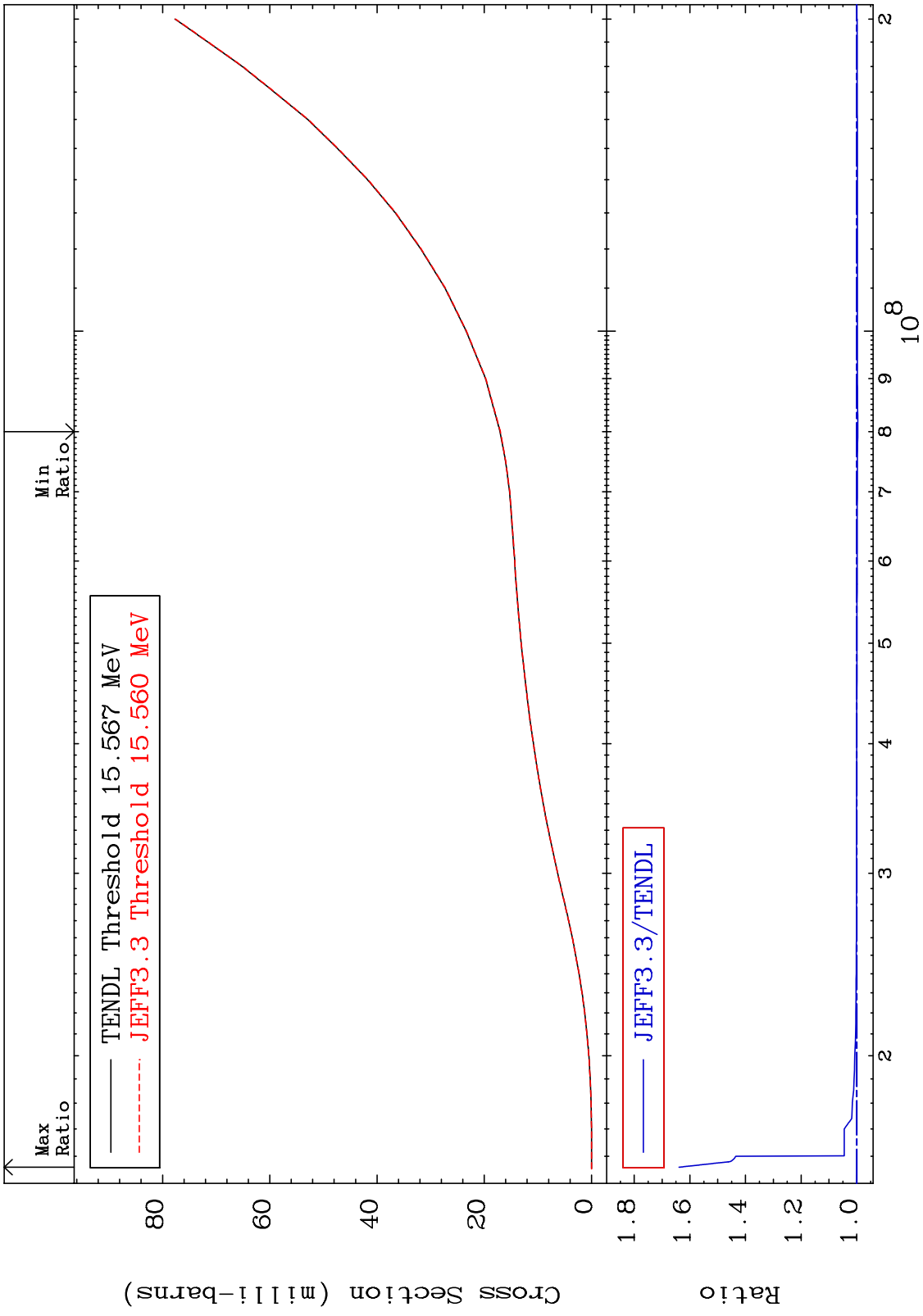
MAT 1437 Hydrogen Production Cross Section 14-Si-32  
 -3.198 To 0.001 %



MAT 1437 Deuterium Production Cross Section 14-Si-32 -0.183 To 11.58 %

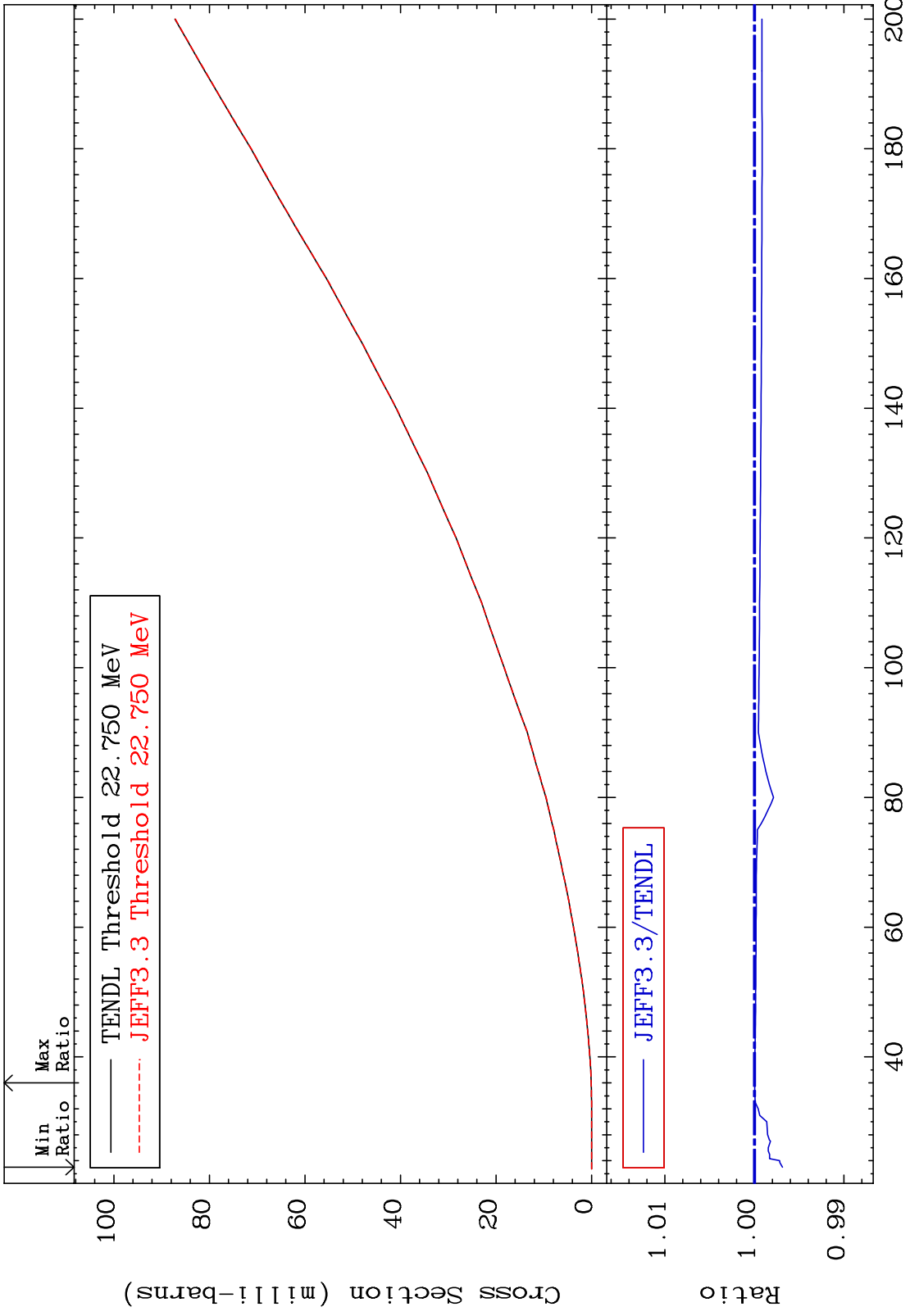


MAT 1437 Tritium Production Cross Section 14-Si-32  
 -0.372 To 63.89 %

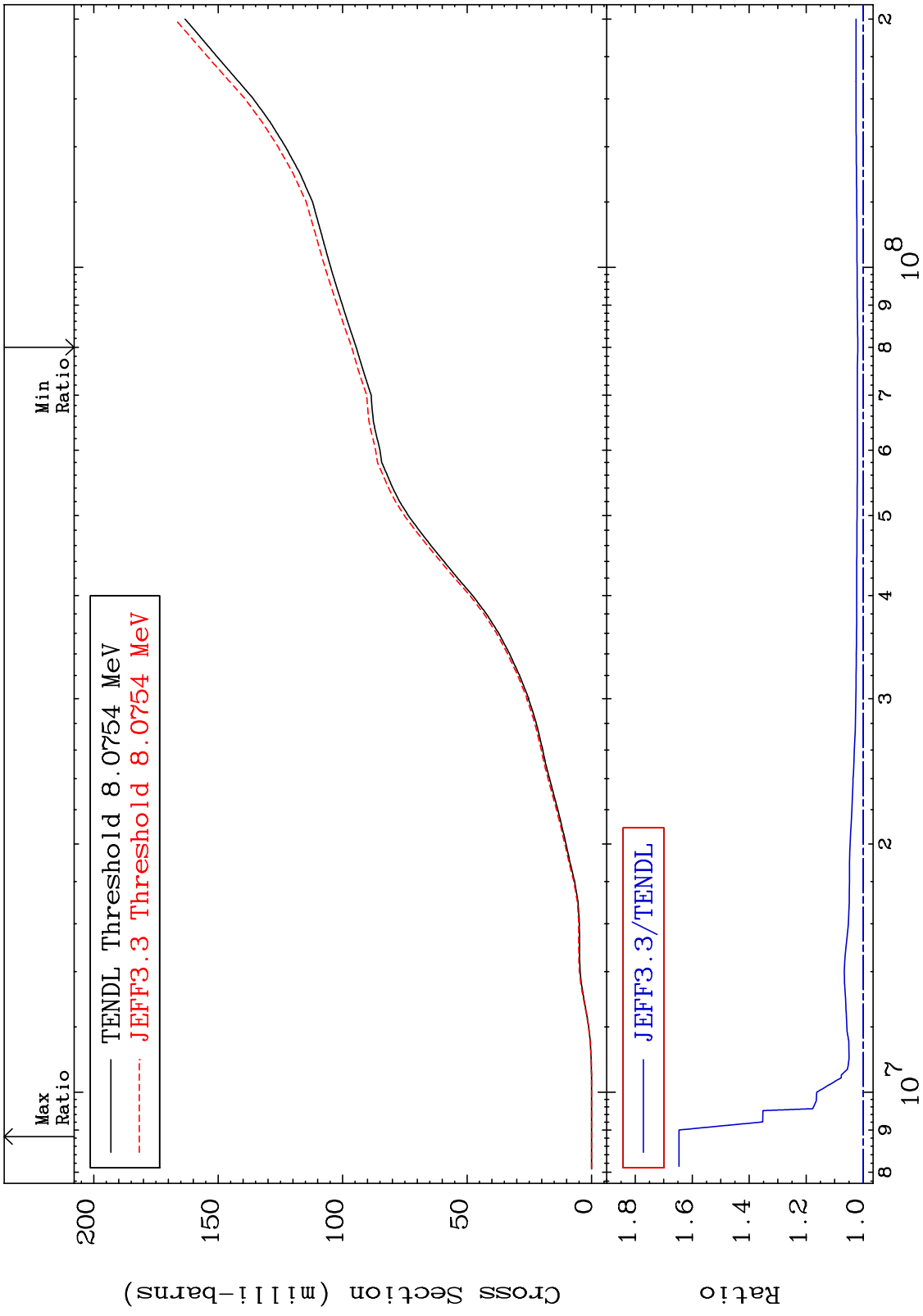




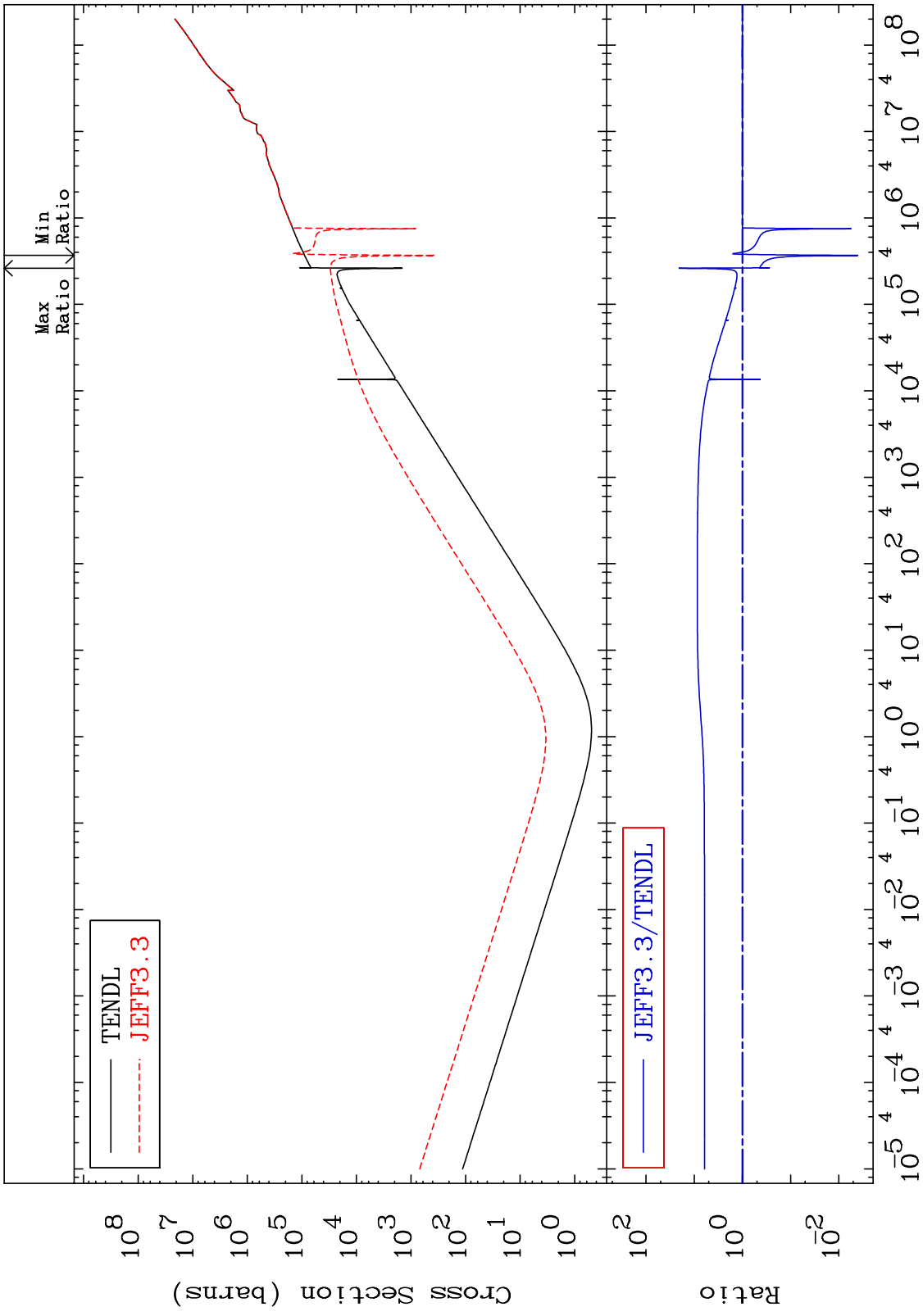
MAT 1437 He-3 Production Cross Section 14-Si-32 -0.312 To -0.003%



MAT 1437 He-4 Production Cross Section 14-Si-32 To 64.63 % 1.885



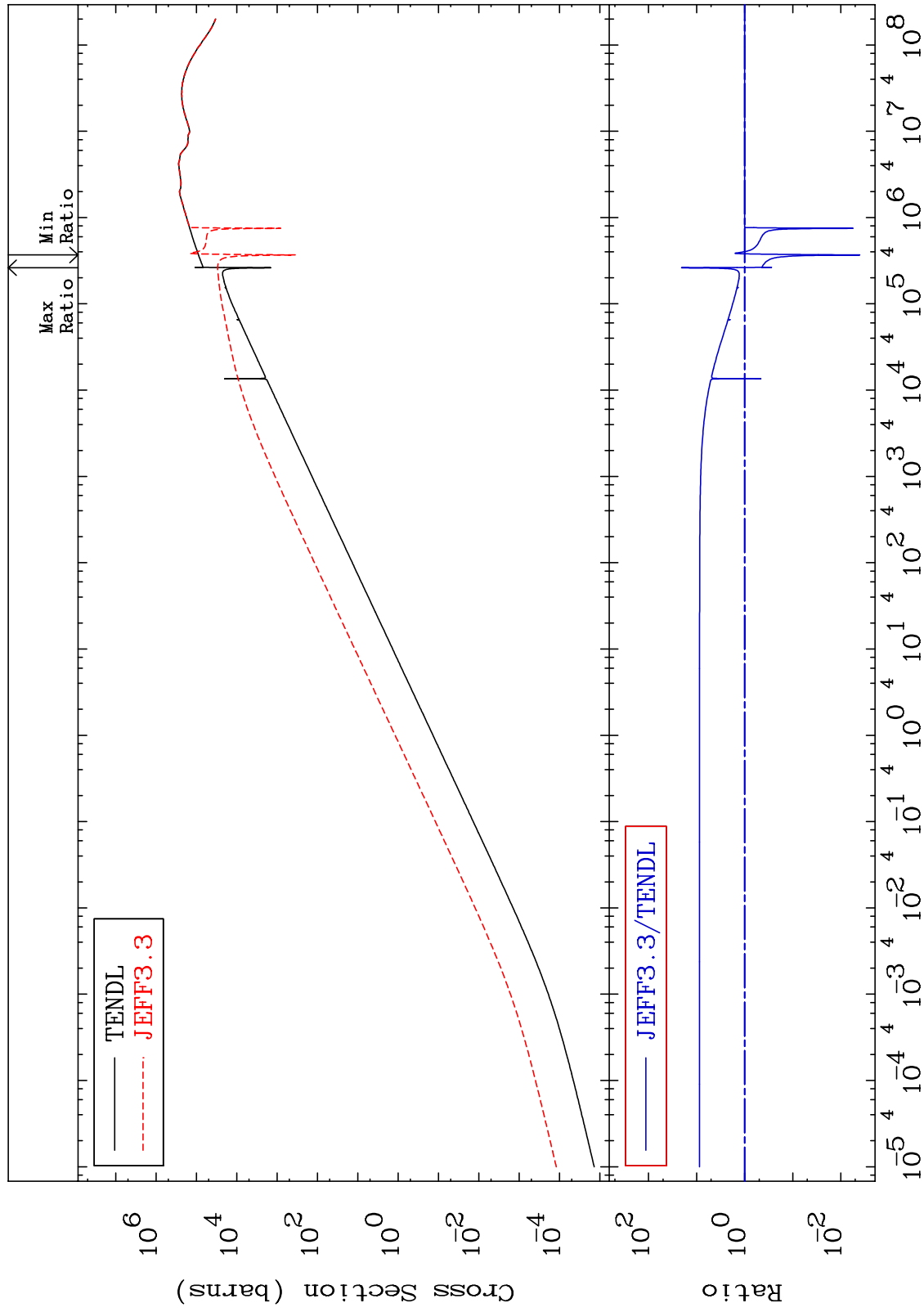
MAT 1437      Kerma total (eV-barns)  
 Cross Section      14-Si-32  
 -99.60 To 1966. %



MAT 1437

Kerma elastic  
Cross Section

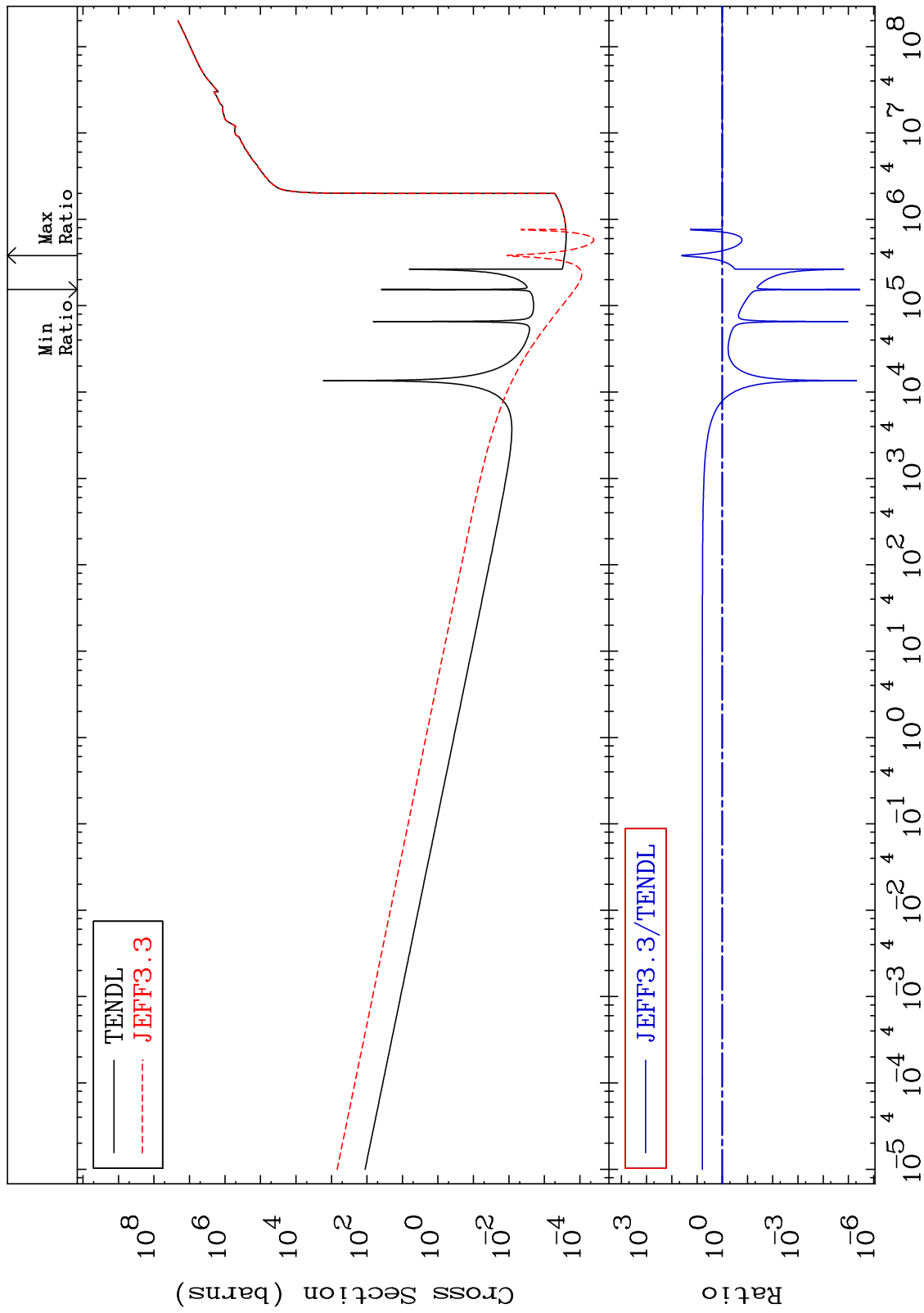
14-Si-32  
-99.60 To 1968. %



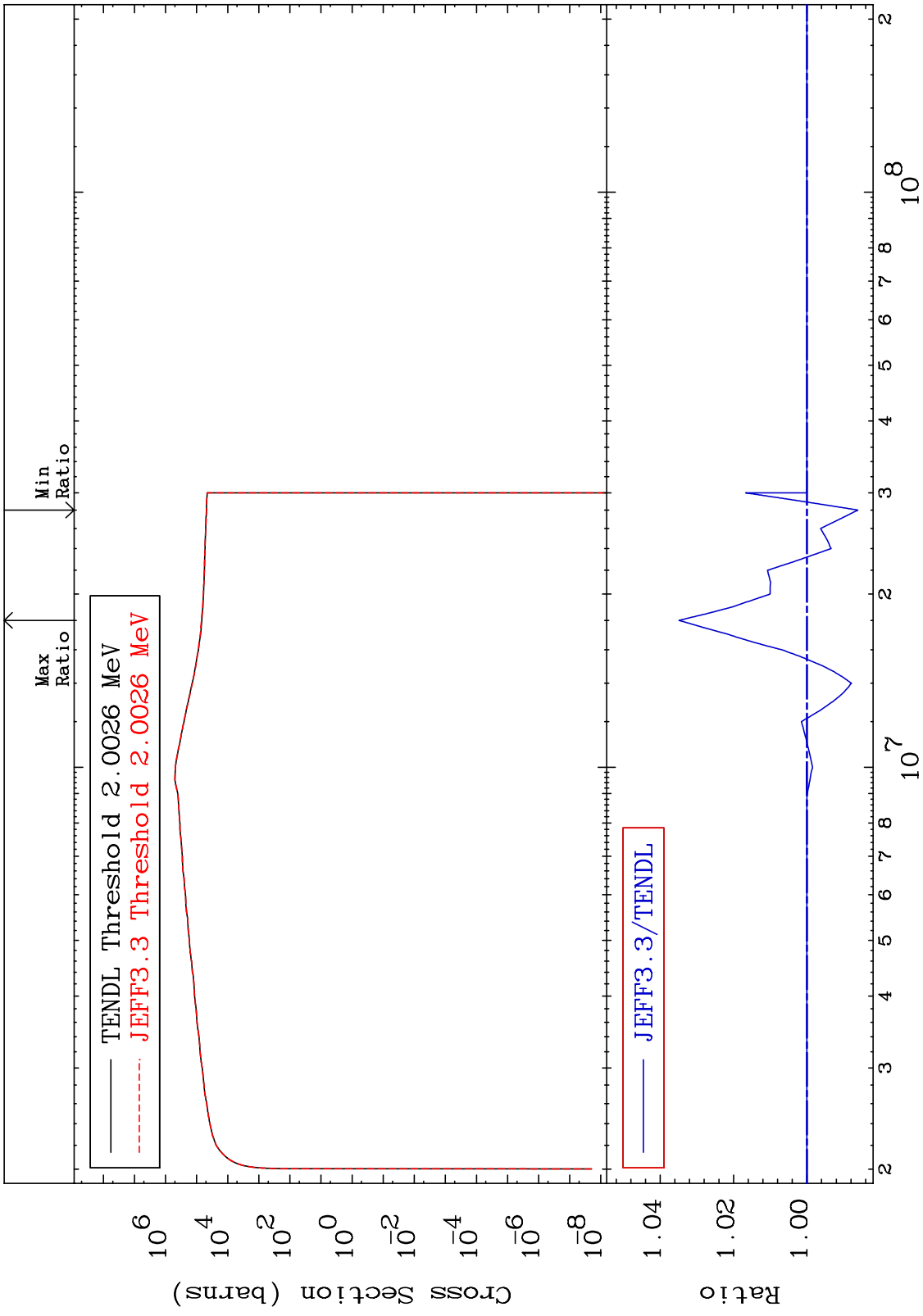
MAT 1437

Kerma non-elastic (all but mt2)  
Cross Section

14-Si-32  
-100.0 To 4119. %



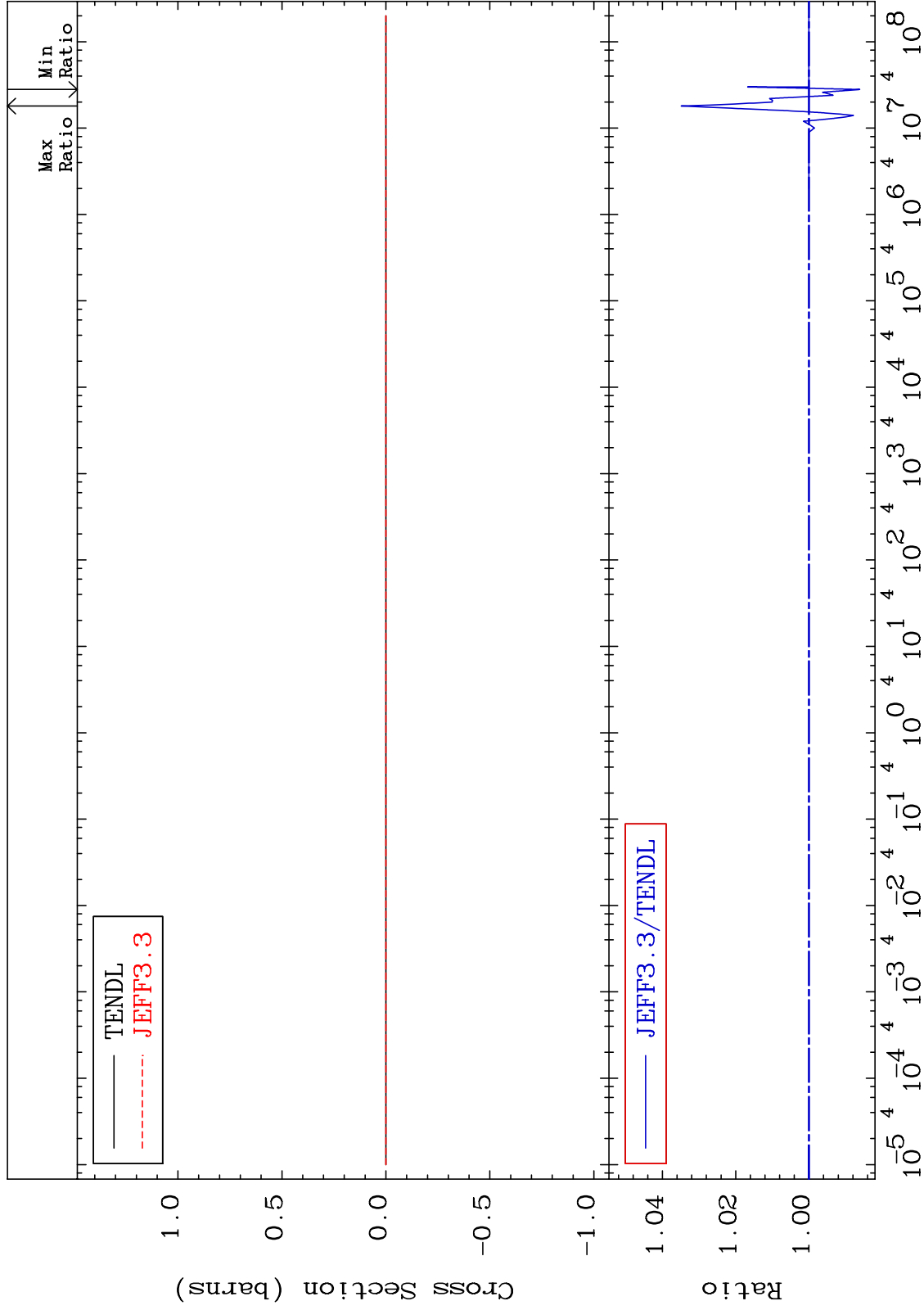
MAT 1437      Kerma inelastic (mt51-91)      14-Si-32  
 Cross Section      -1.388 To 3.486 %



MAT 1437

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

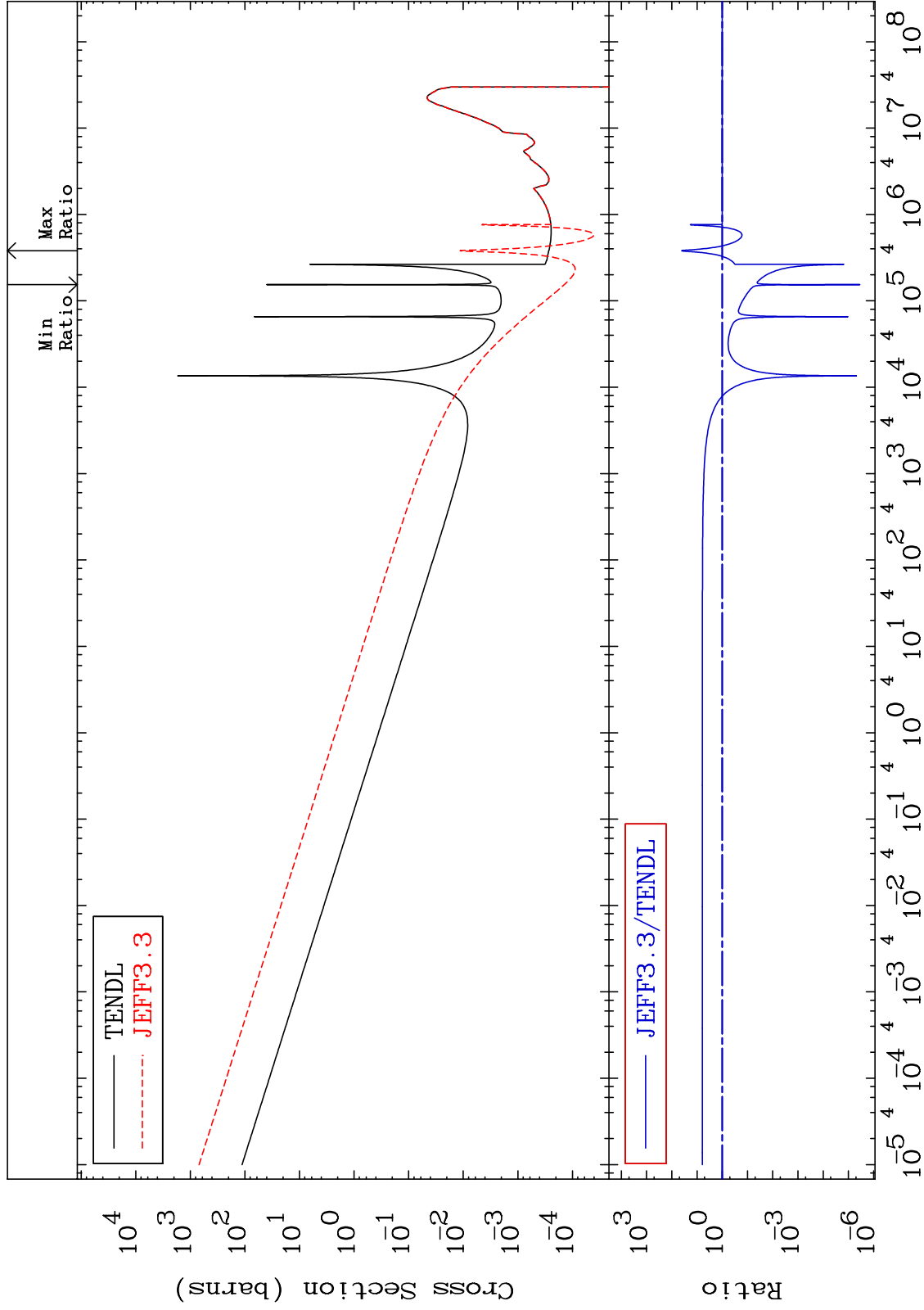
14-Si-32  
-1.388 To 3.486 %



MAT 1437

Kerma capture (mt102)  
Cross Section

14-Si-32  
-100.0 To 4119. %

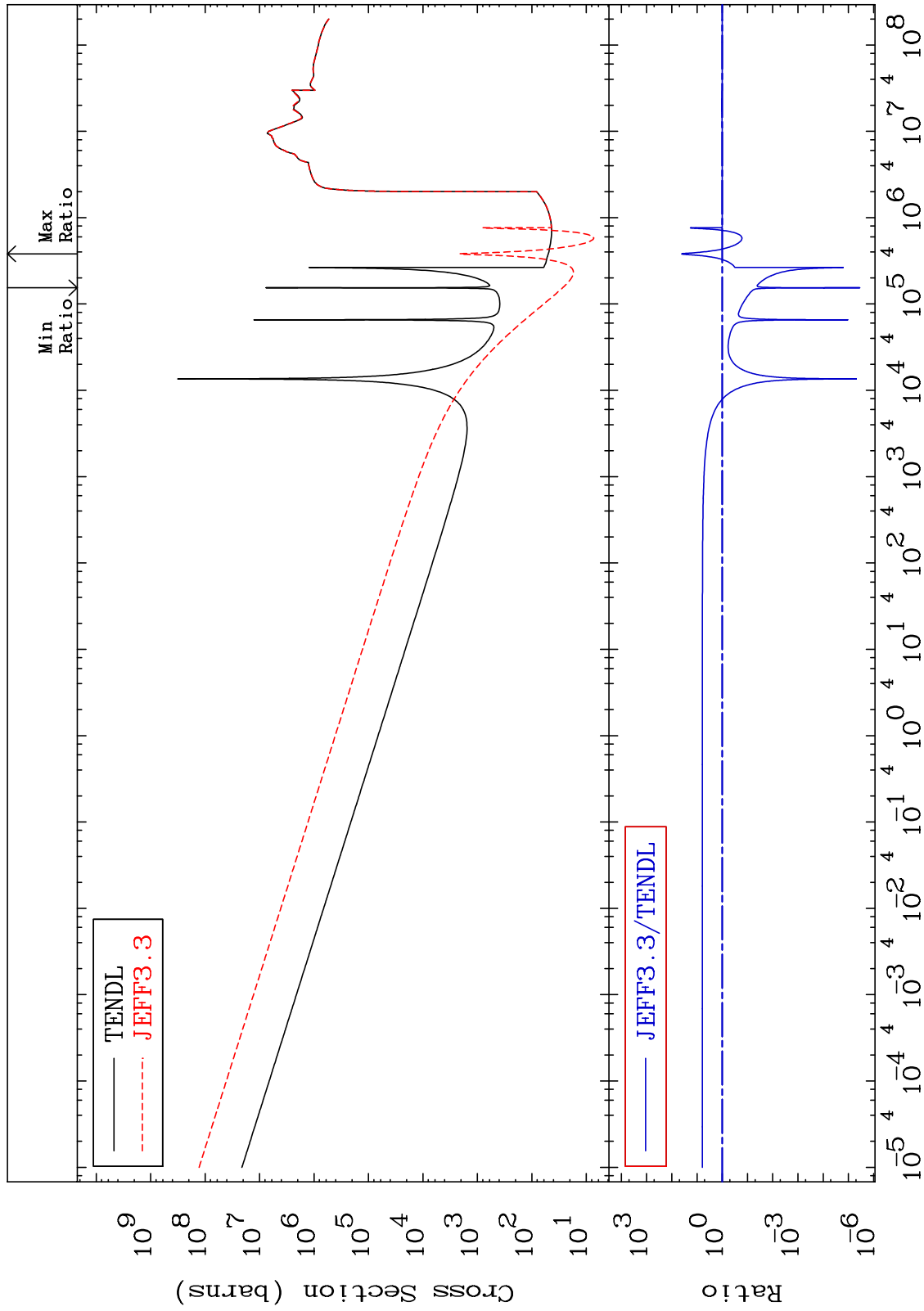




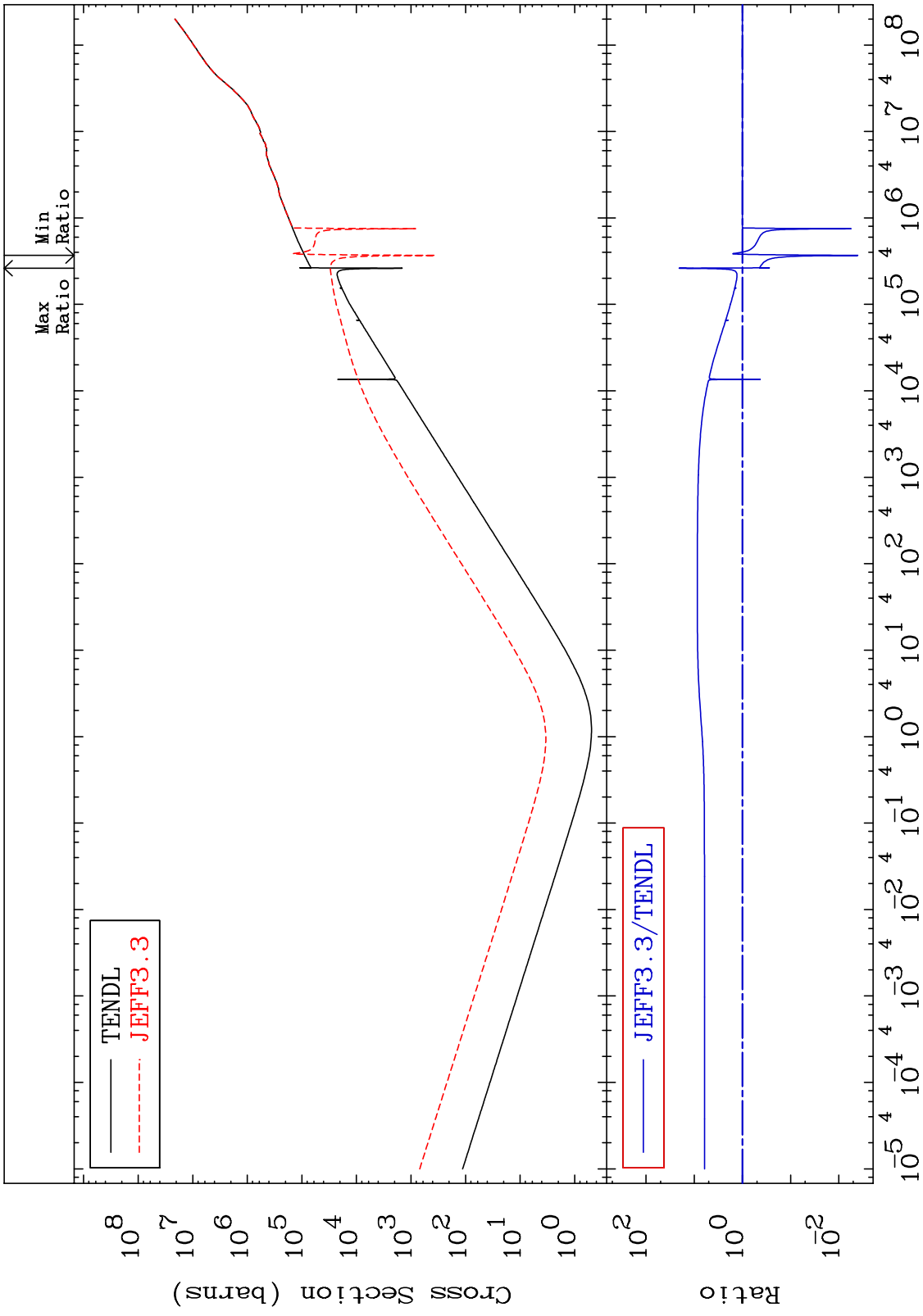
MAT 1437

Total photon (eV-barns)  
Cross Section

14-Si-32  
-100.0 To 4118. %



MAT 1437 Total kinematic kerma (high limit) Cross Section 14-Si-32 -99.60 To 1966. %

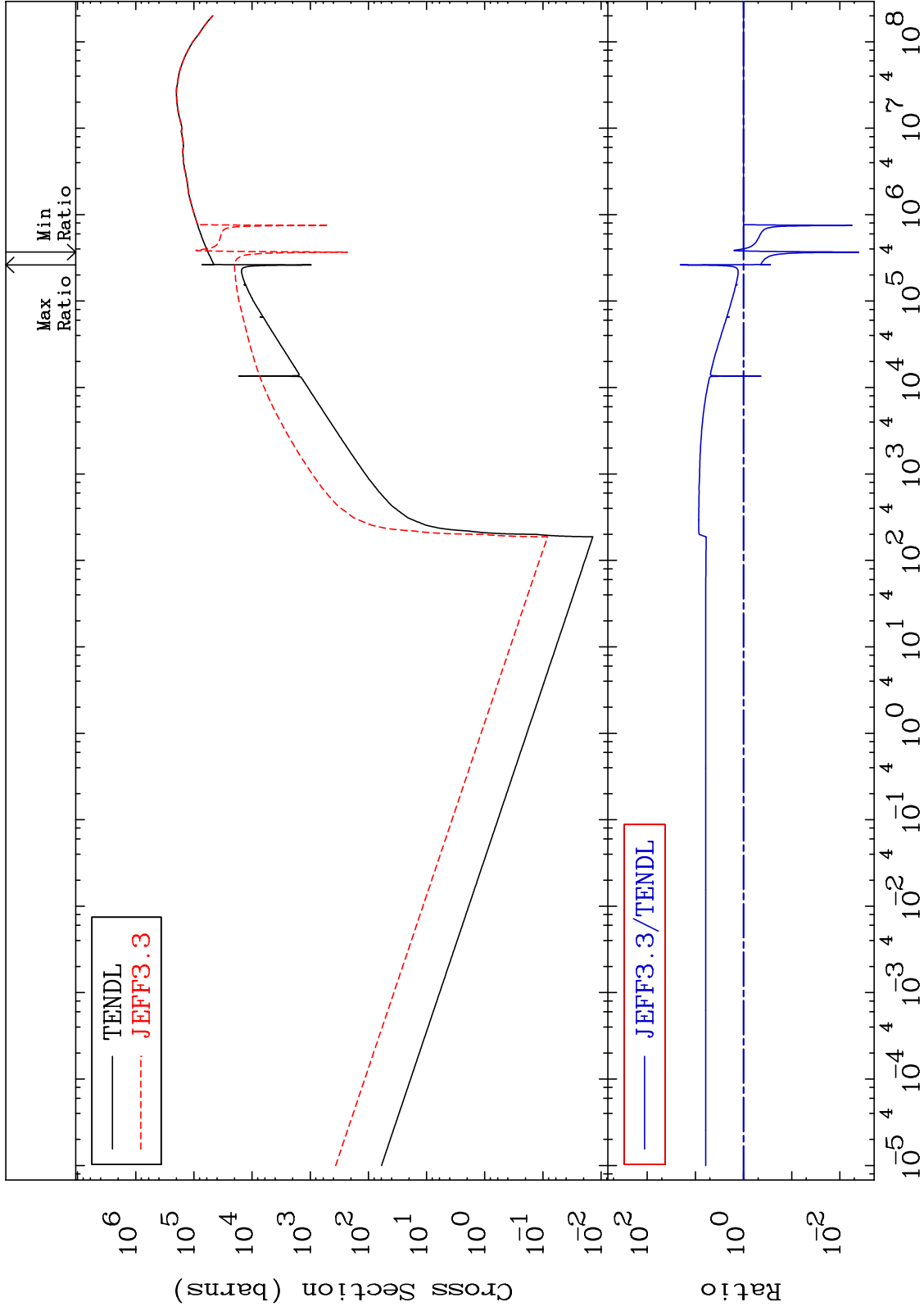


65 14-Si-32

MAT 1437

Dpa total (eV-barns)  
Cross Section

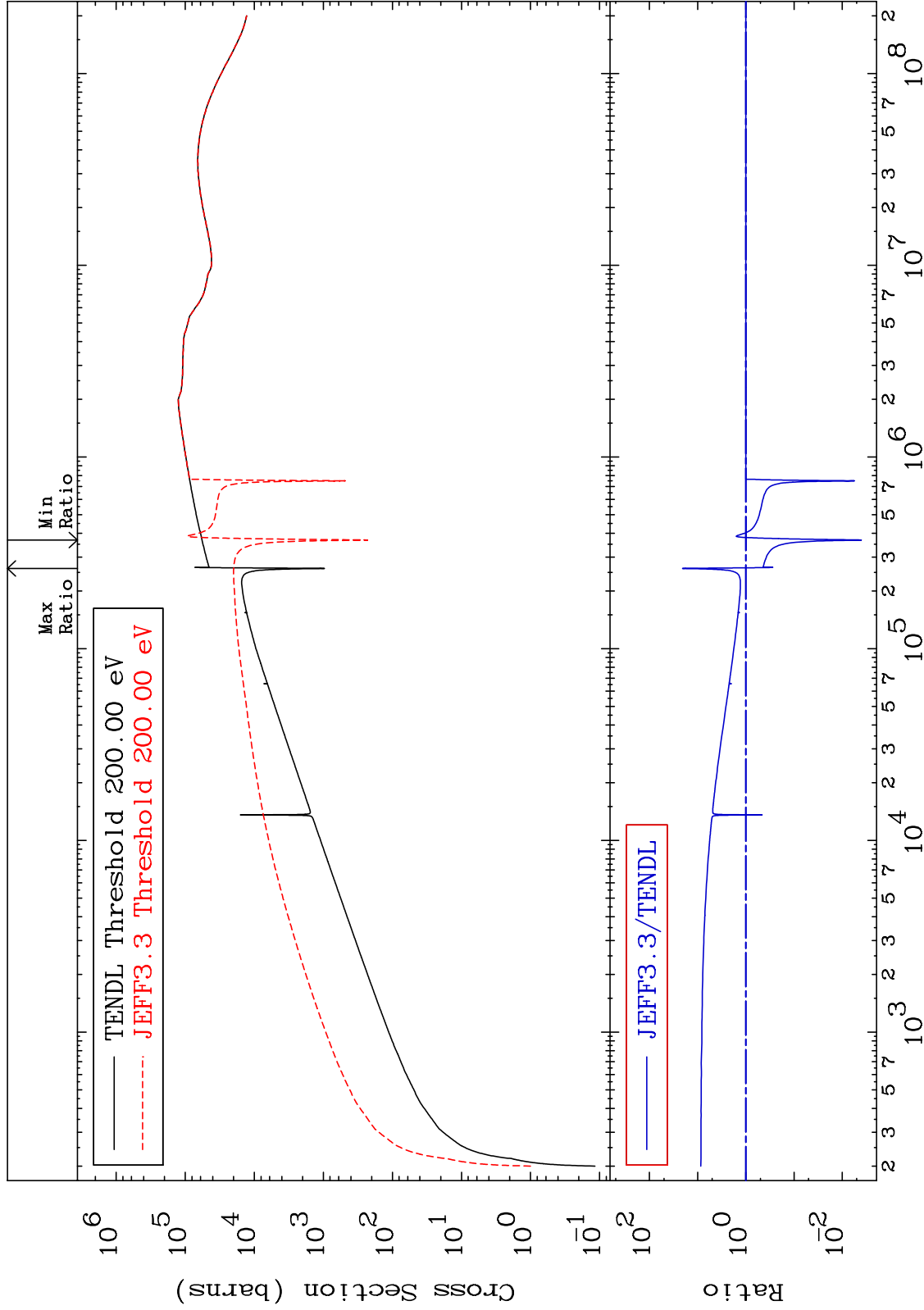
14-Si-32  
-99.60 To 1967. %



MAT 1437

Dpa elastic (mt2)  
Cross Section

14-Si-32  
-99.60 To 1968. %

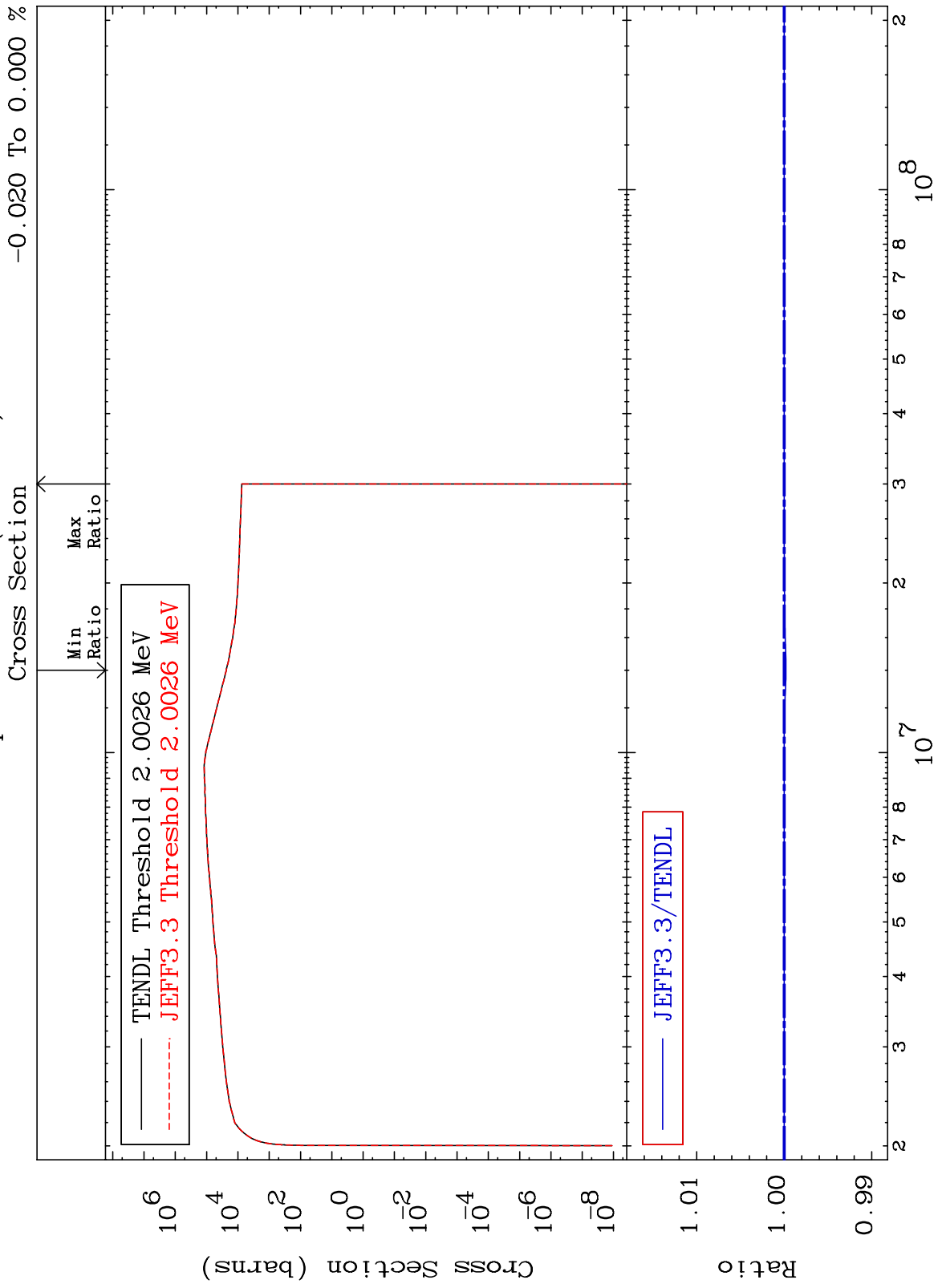


MAT 1437

Dpa inelastic (mt51-91)

14-Si-32

-0.020 To 0.000 %



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Incident Energy (eV)

14-Si-32

MAT 1437

Dpa disappearance (mt102 -120)  
Cross Section

14-Si-32  
-100.0 To 4122. %

