

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

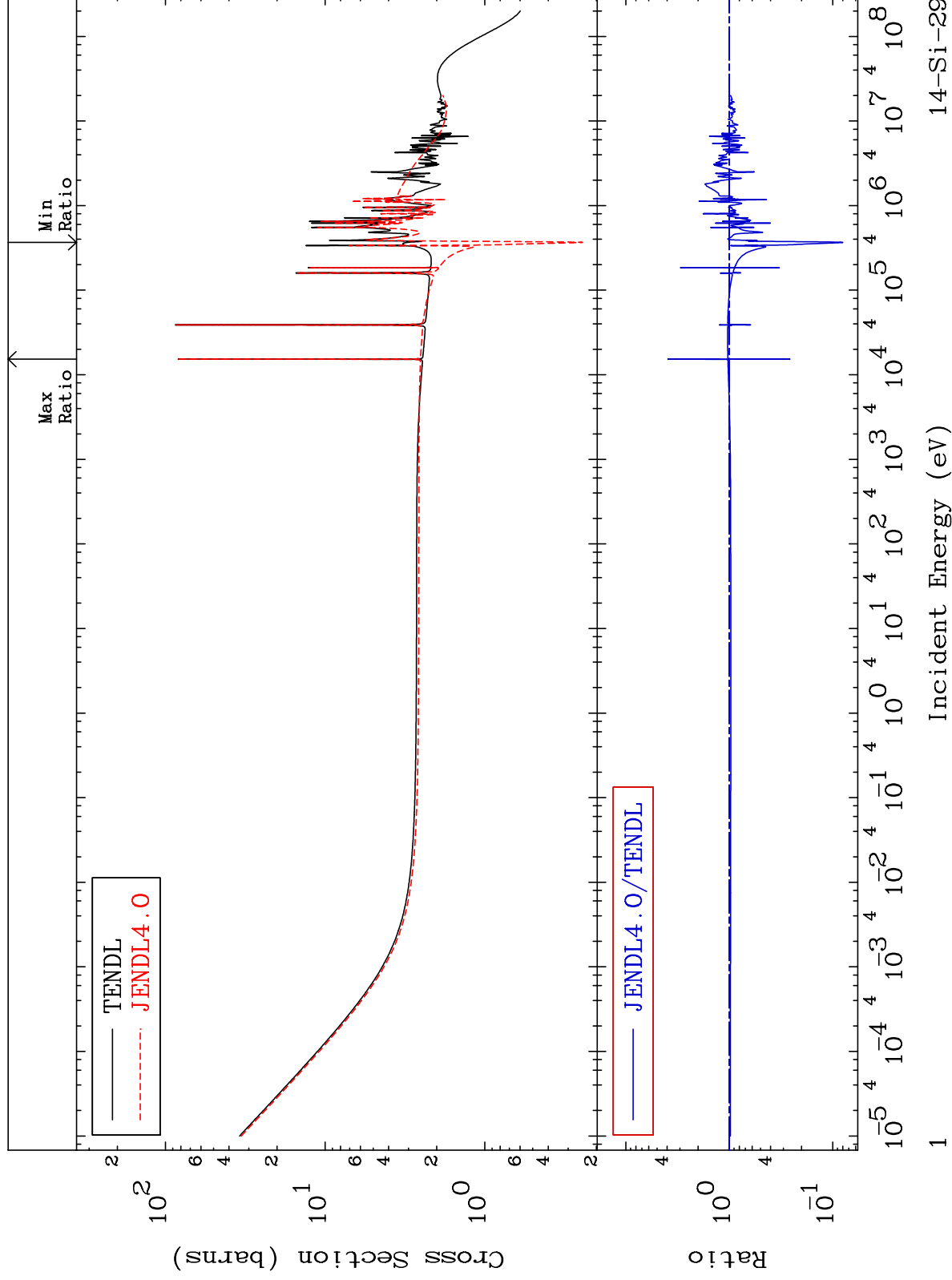
MAT 1428

Total

14-Si-29

Cross Section

-92.02 To 291.2 %



Incident Energy (eV)

14-Si-29

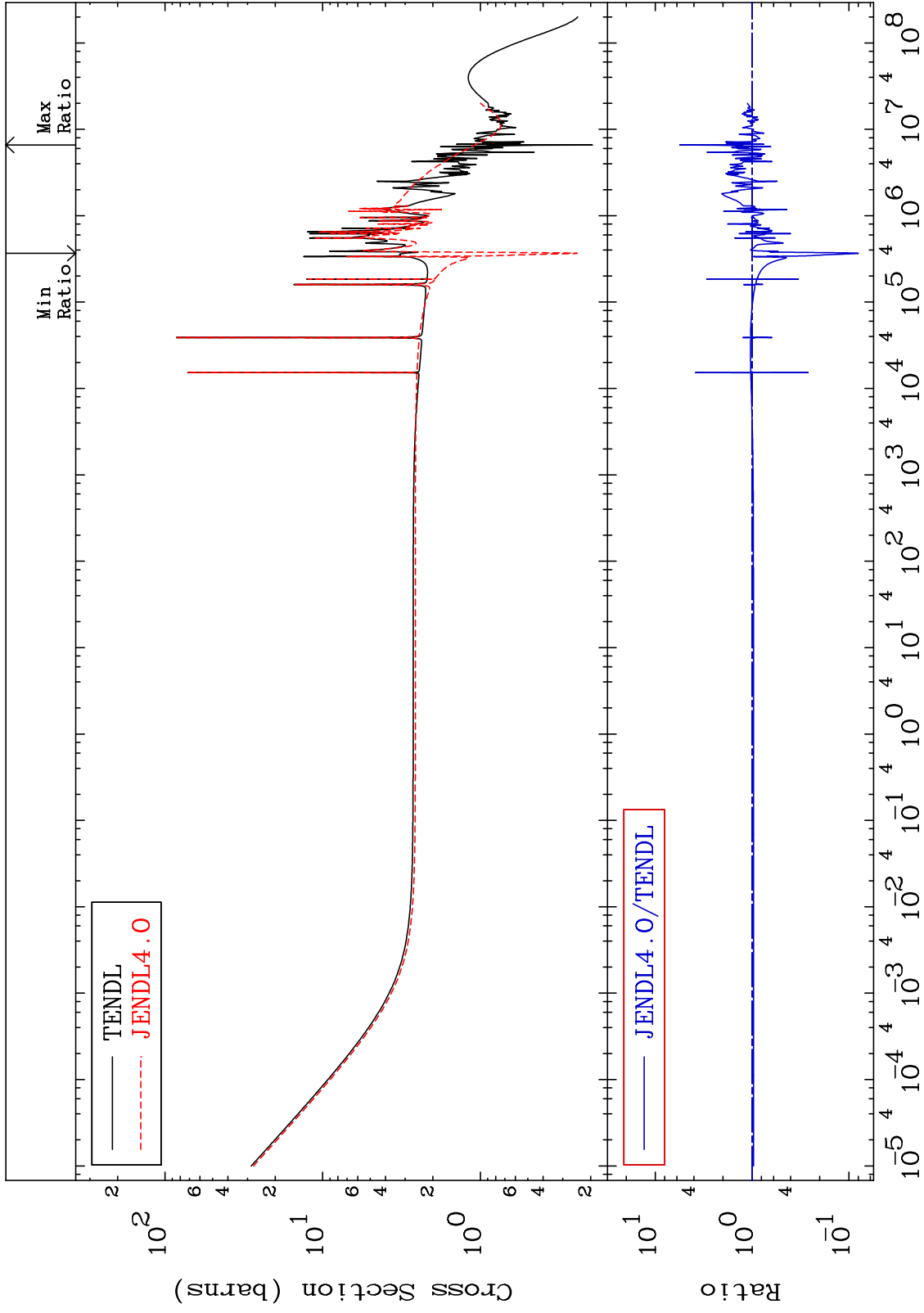
MAT 1428

Elastic

Cross Section

14-Si-29

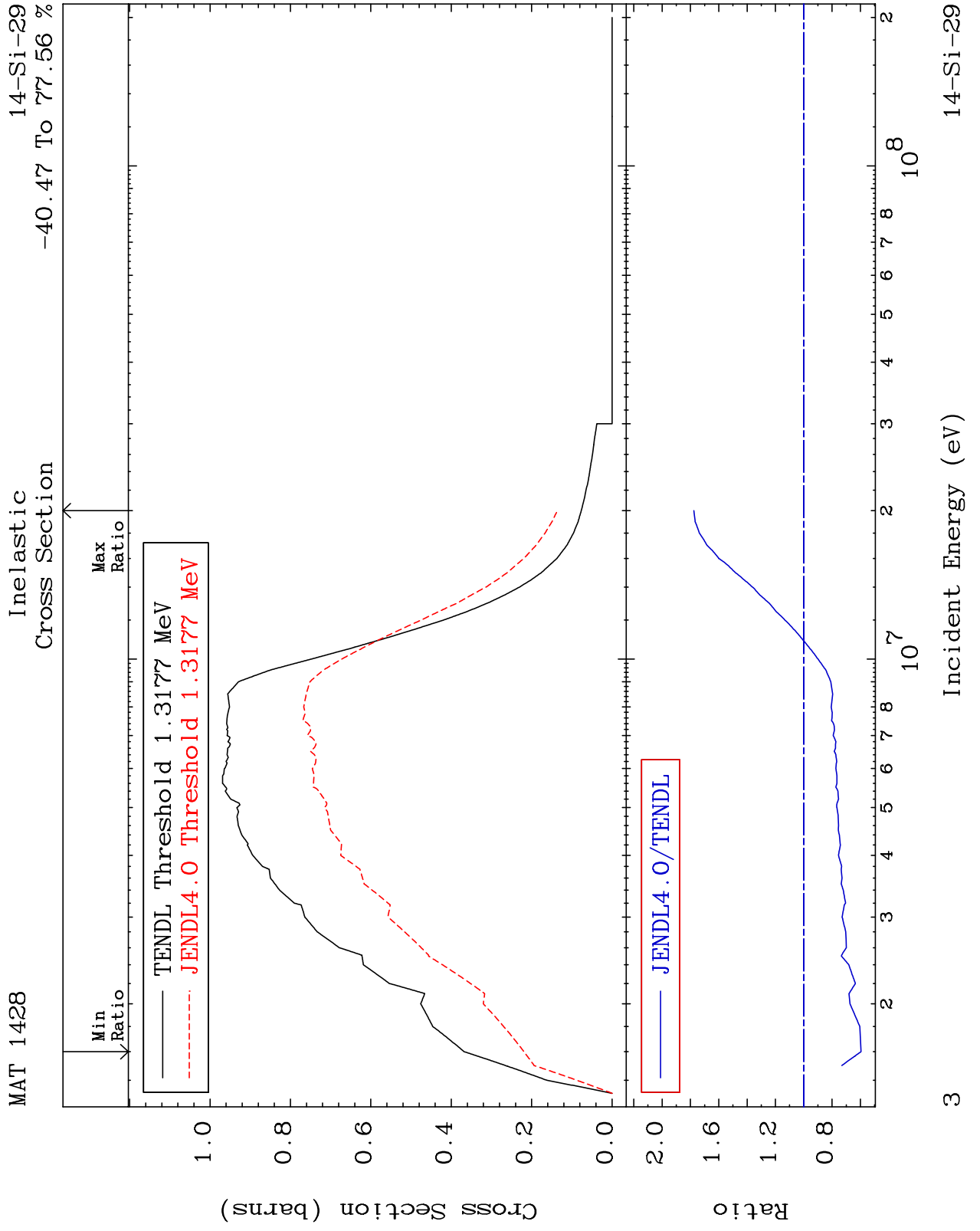
-92.03 To 459.1 %



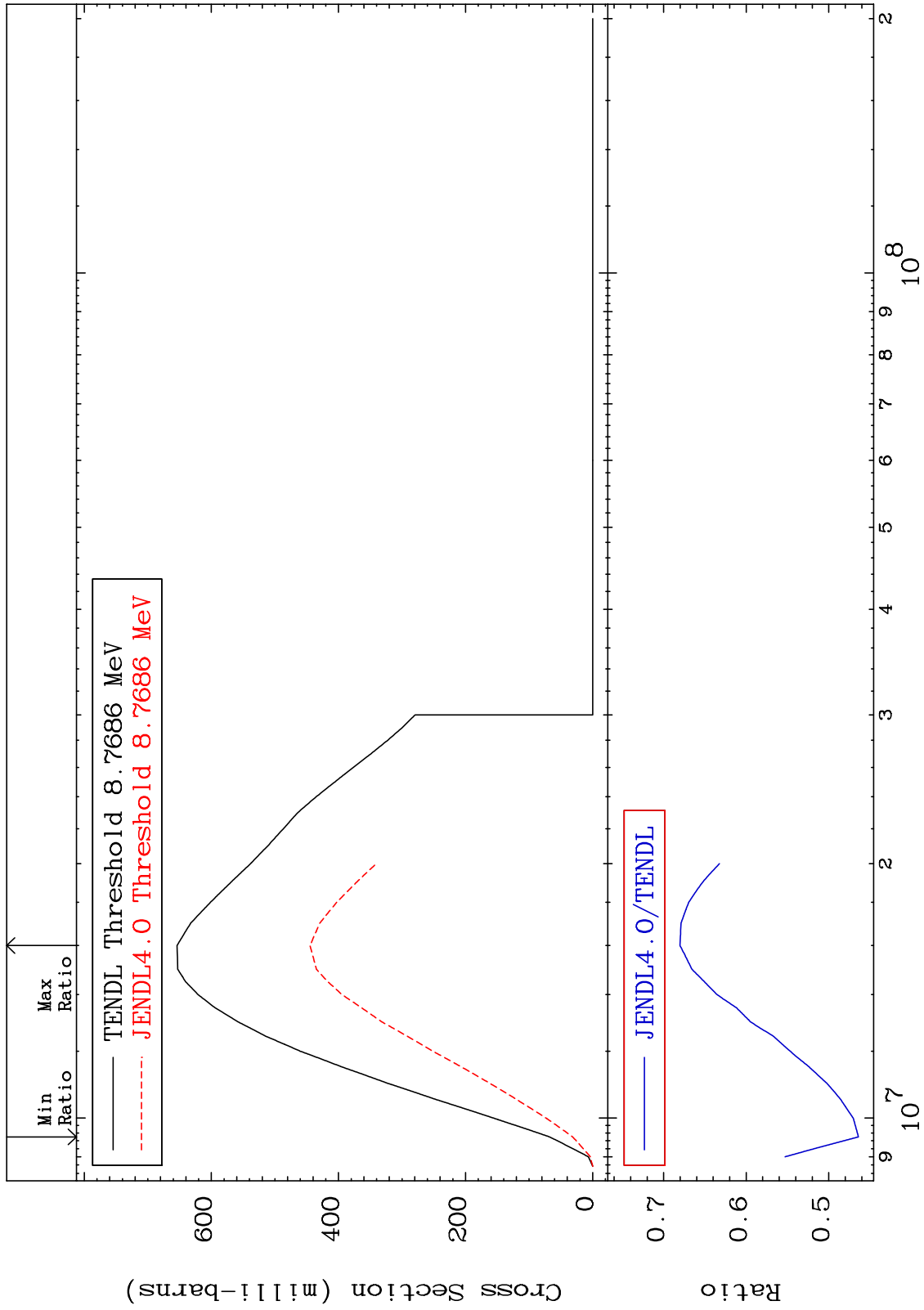
Incident Energy (eV)

14-Si-29

2



MAT 1428 (n,2n) 14-Si-29  
Cross Section -53.59 To -31.98%



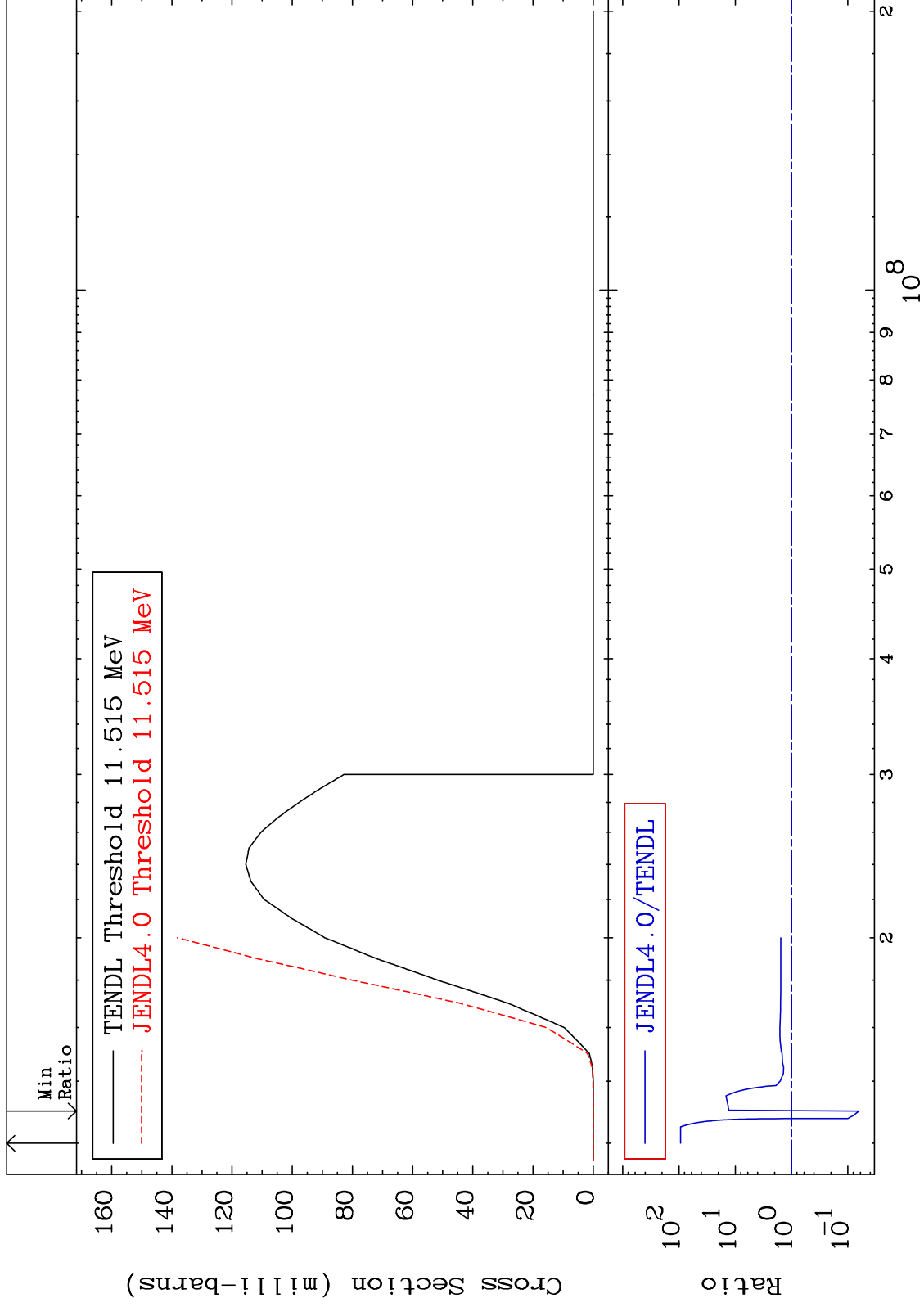
MAT 1428

(n,n')  $\alpha$

14-Si-29

Cross Section

-93.71 To 9251. %



Incident Energy (eV)

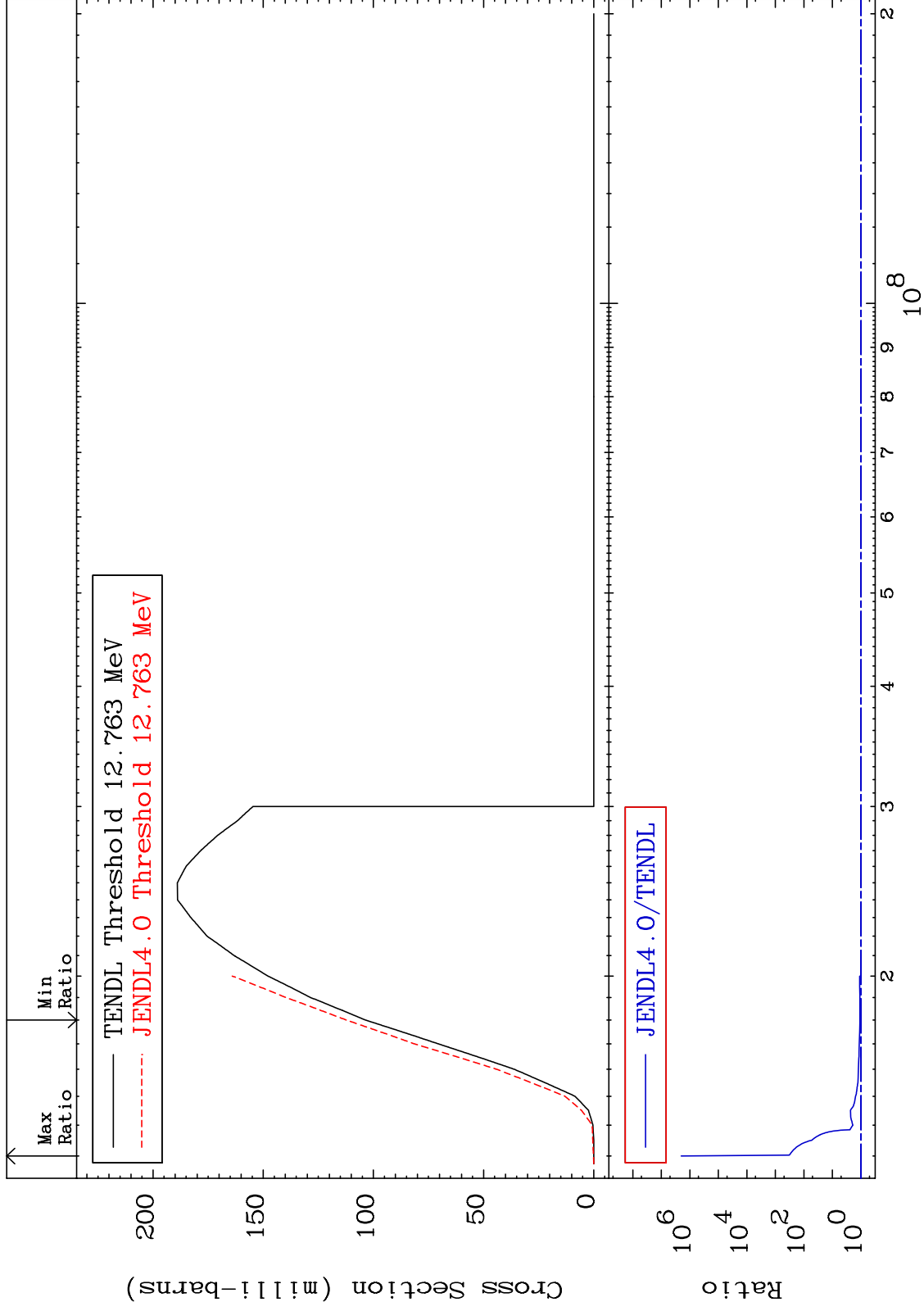
14-Si-29

5

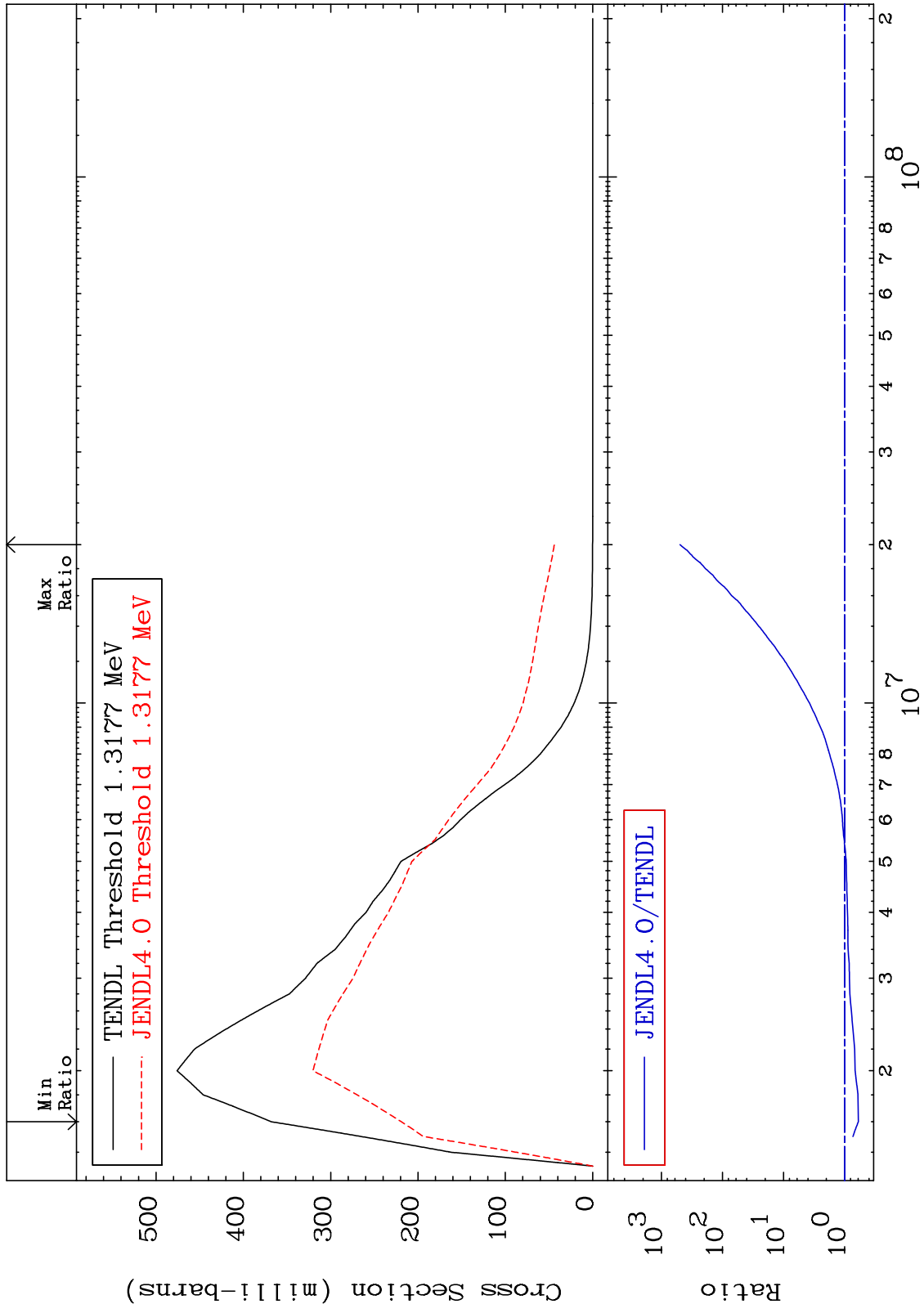
MAT 1428

(n,n') p  
Cross Section

14-Si-29  
8.366 To 9999. %

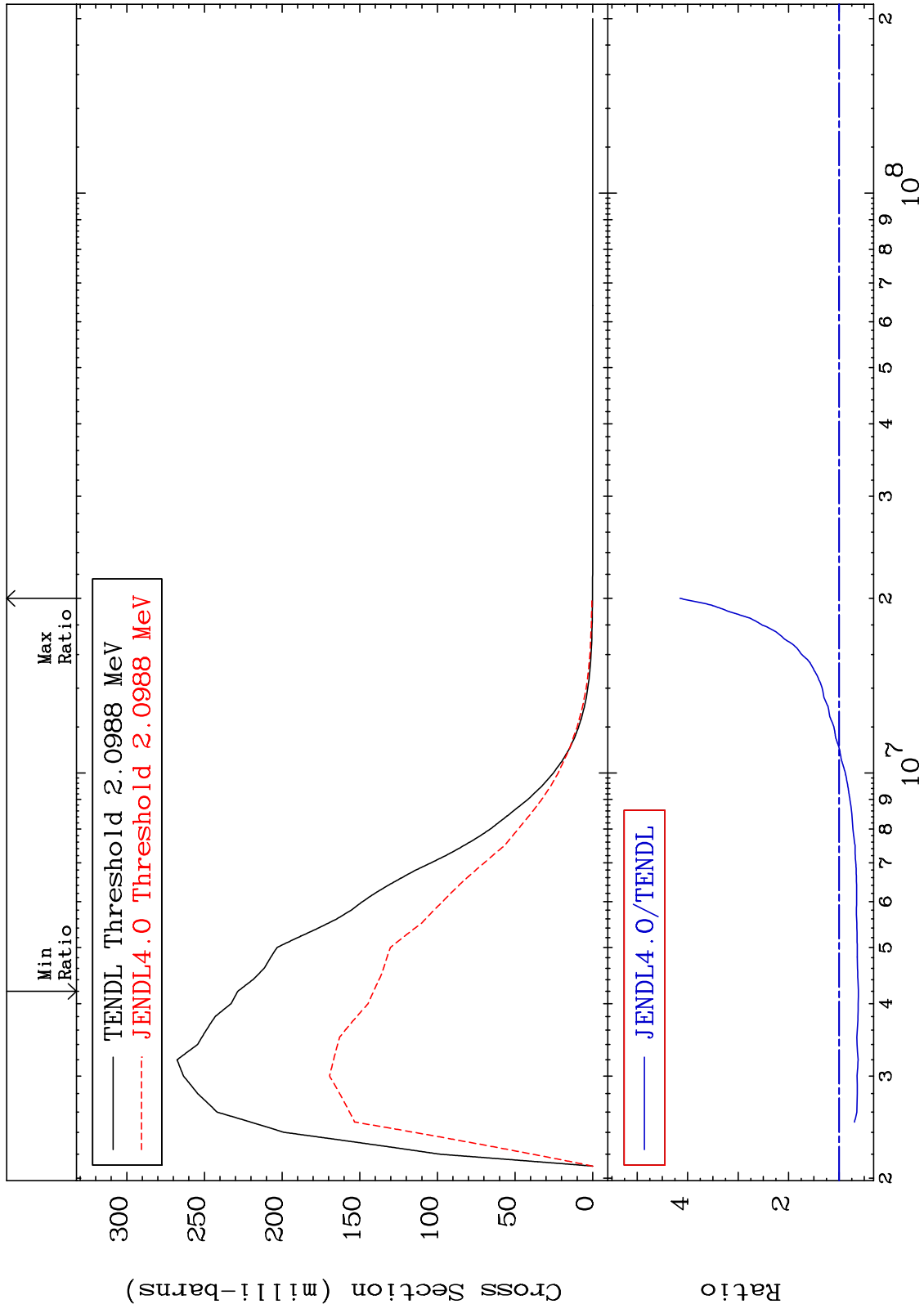


MAT 1428      MT= 51 (n, n') Level      14-Si-29  
 Cross Section      -40.47 To 9999. %



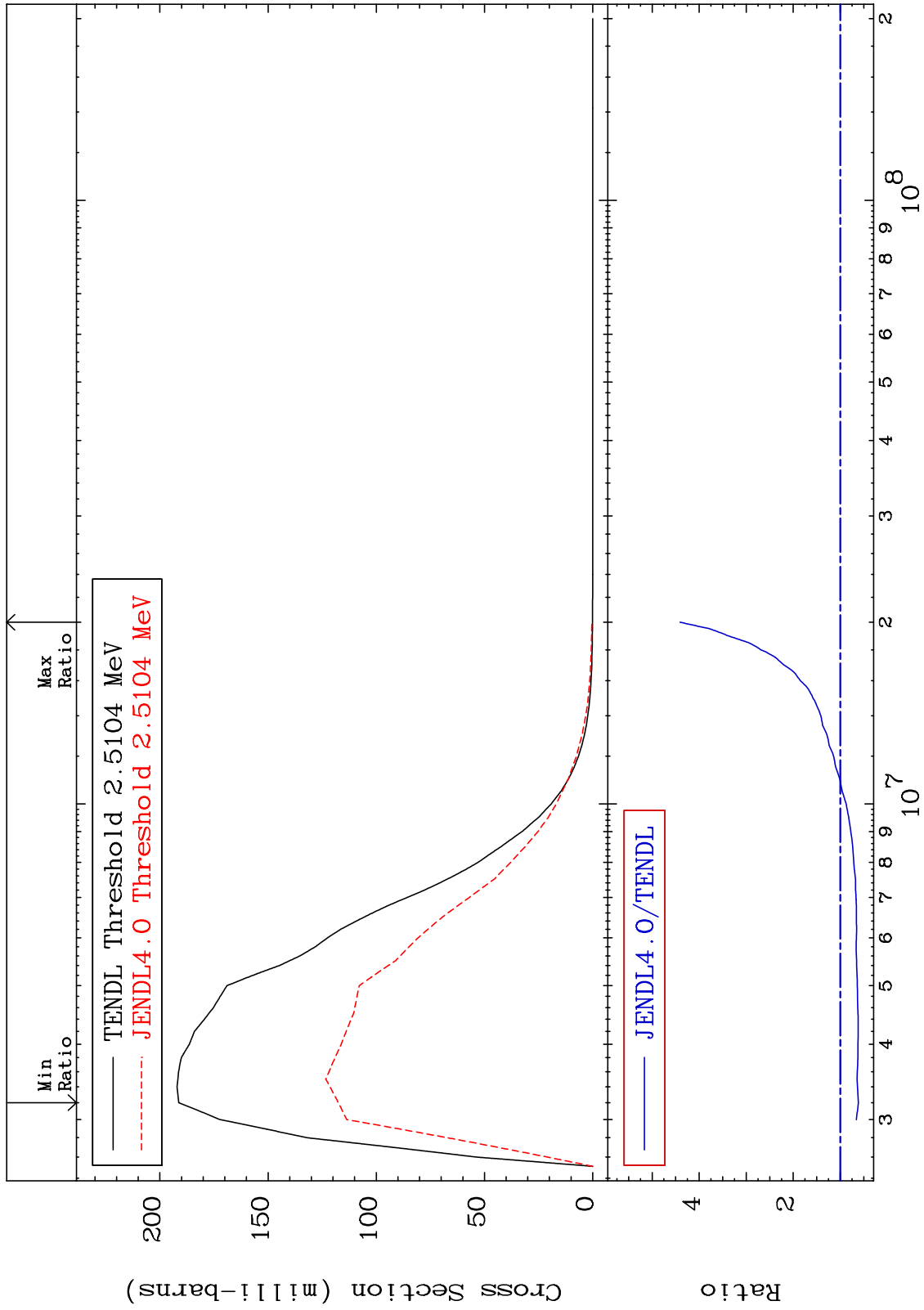


MAT 1428 MT= 52 (n,n') Level Cross Section -38.26 To 315.1 % 14-Si-29

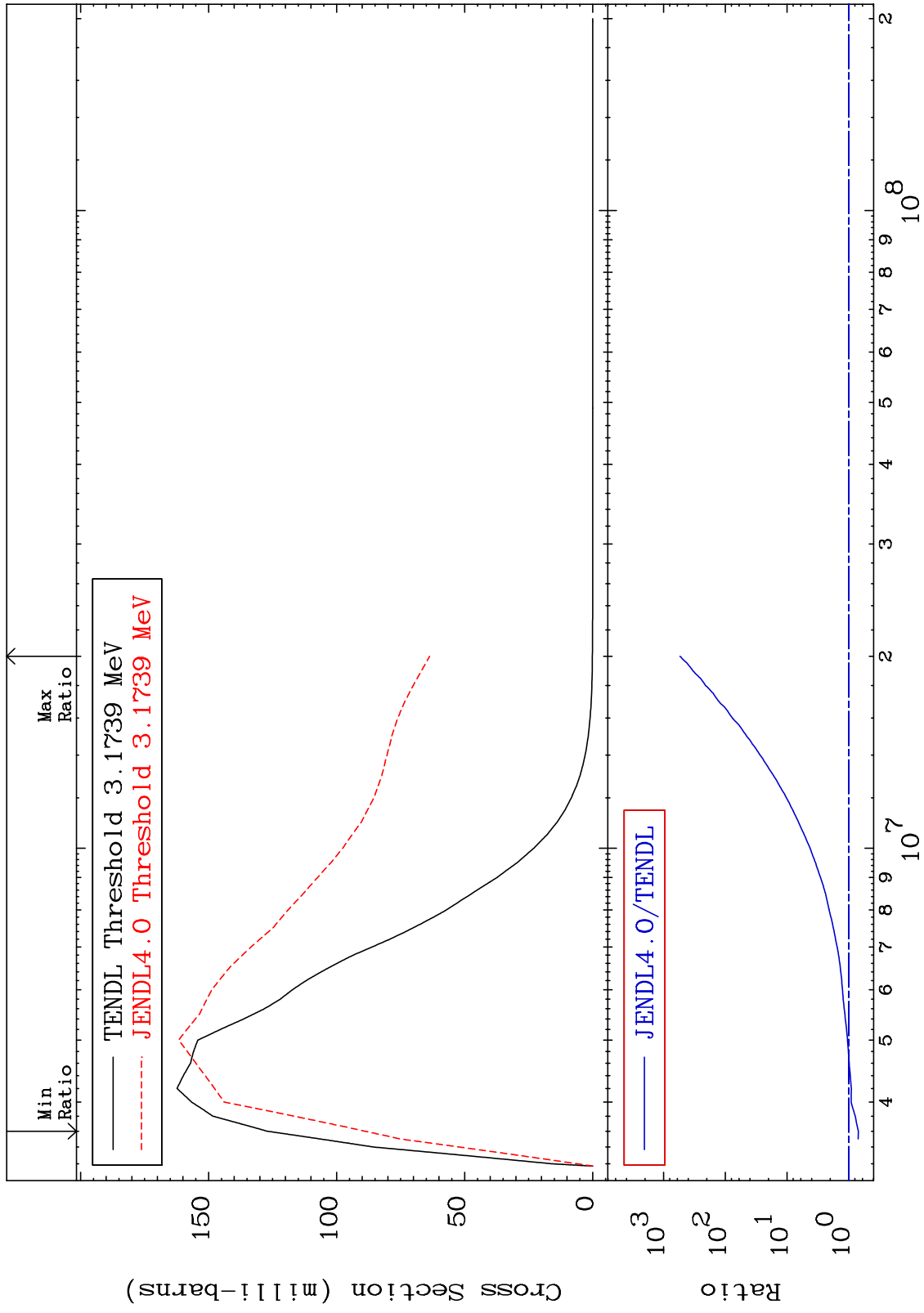


8 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 53 (n,n') Level Cross Section -38.53 To 340.8 % 14-Si-29

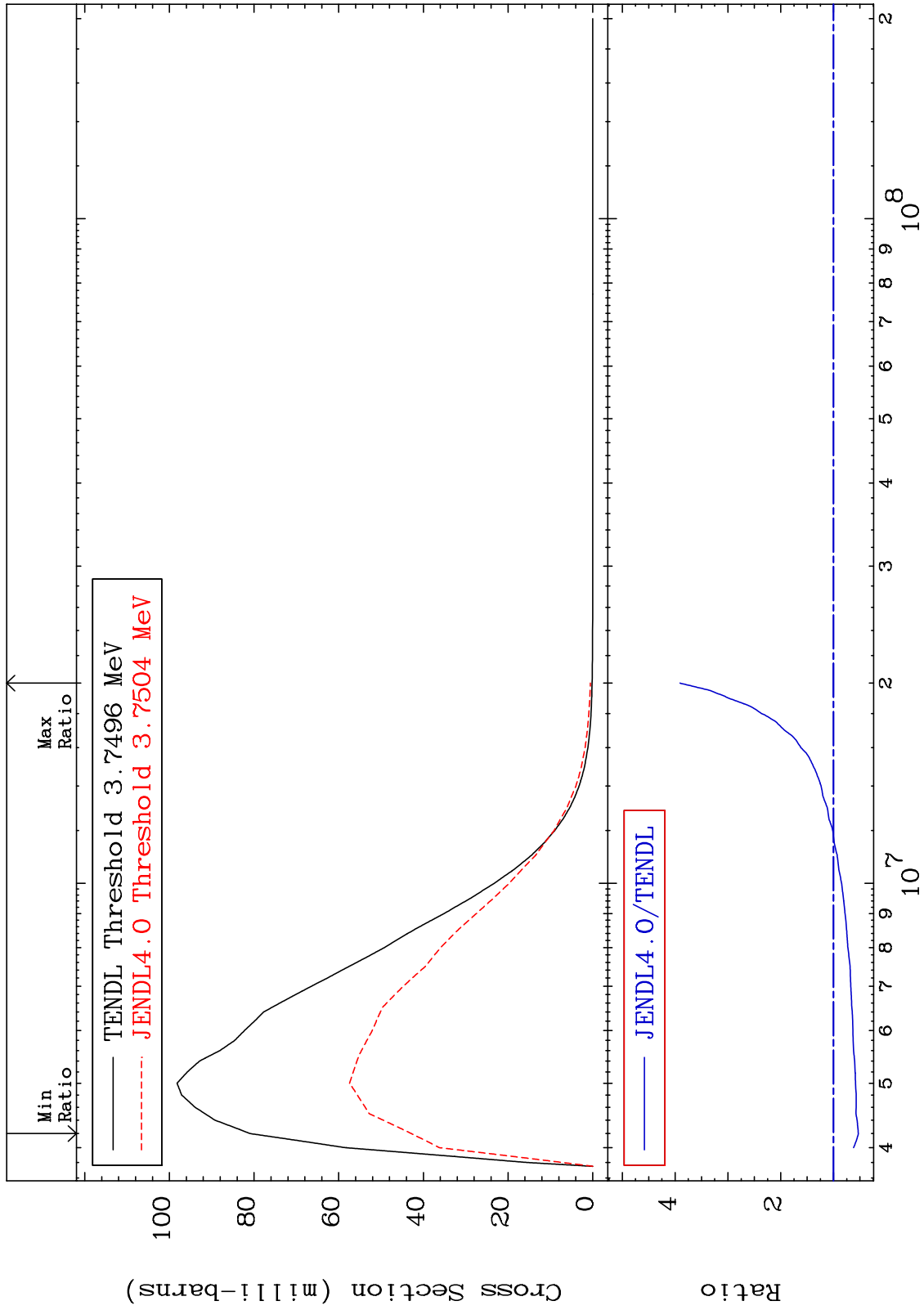


MAT 1428 MT= 54 (n,n') Level Cross Section 14-Si-29  
-30.08 To 9999. %

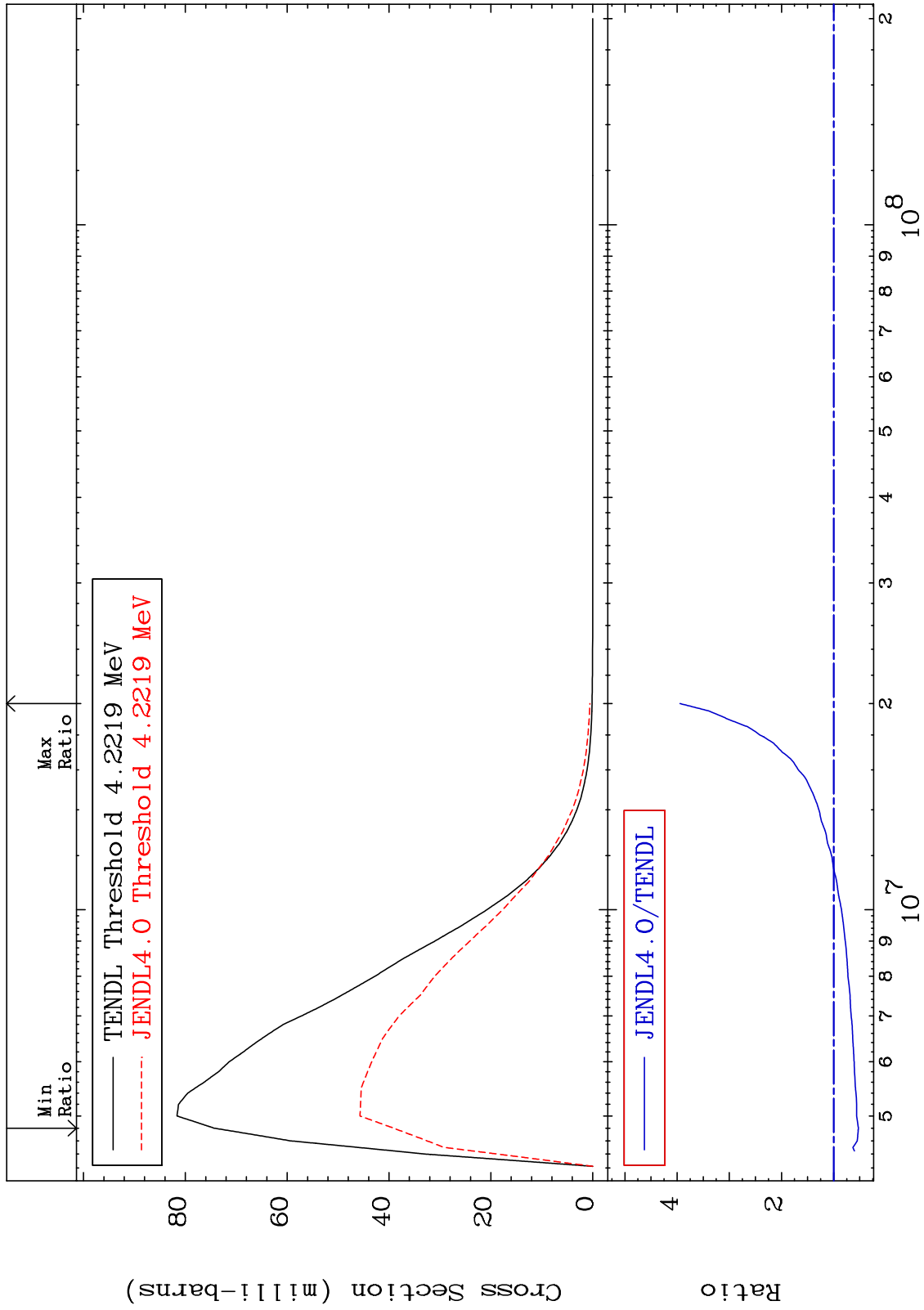


10 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 55 (n,n') Level Cross Section -47.05 To 290.7 % 14-Si-29

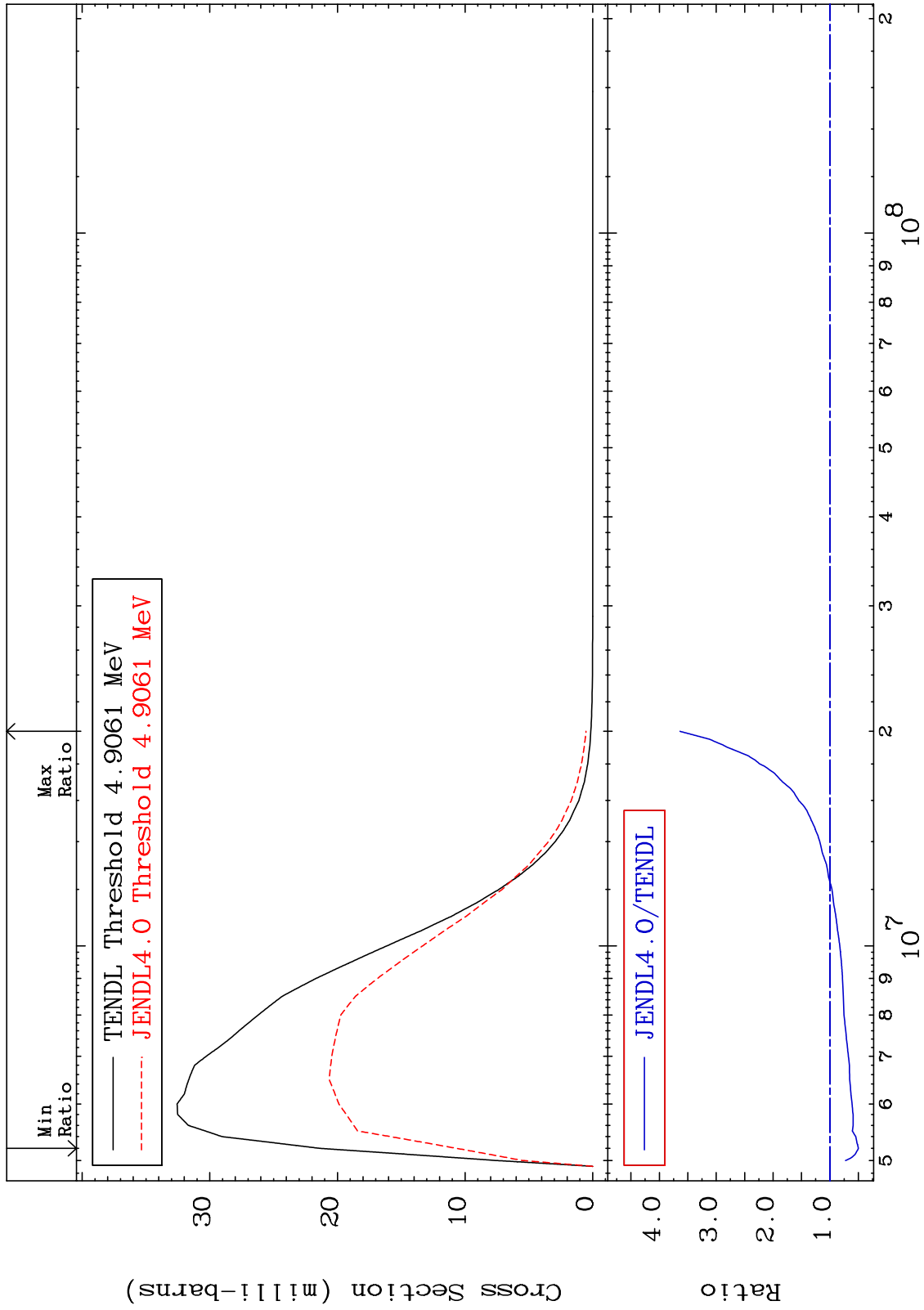


MAT 1428 MT= 56 (n,n') Level Cross Section -47.39 To 294.4 % 14-Si-29



12 14-Si-29

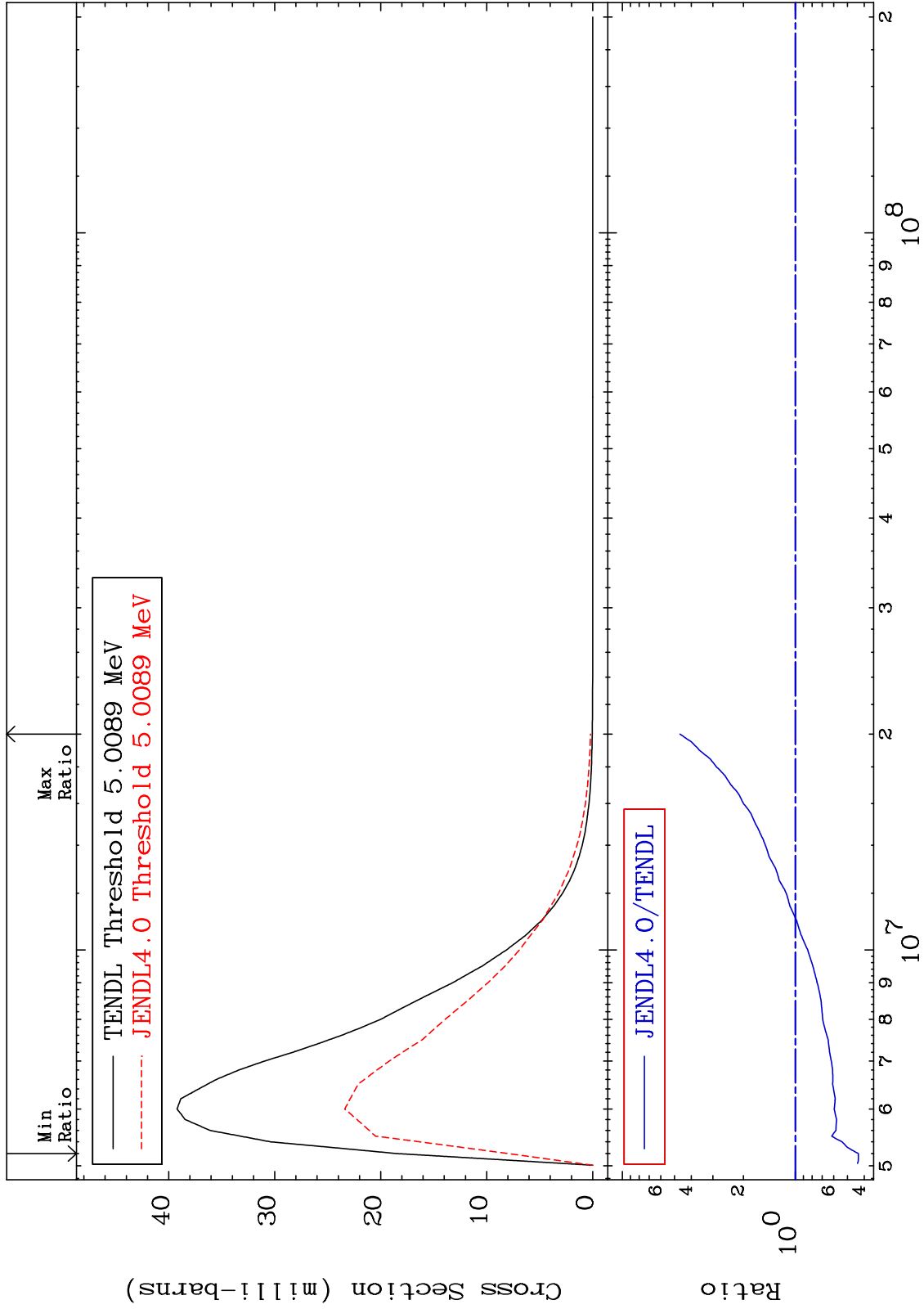
MAT 1428 MT= 57 (n,n') Level Cross Section 14-Si-29  
 -50.10 To 263.7 %



MAT 1428

MT= 58 (n,n') Level  
Cross Section

14-Si-29  
-56.77 To 364.8 %

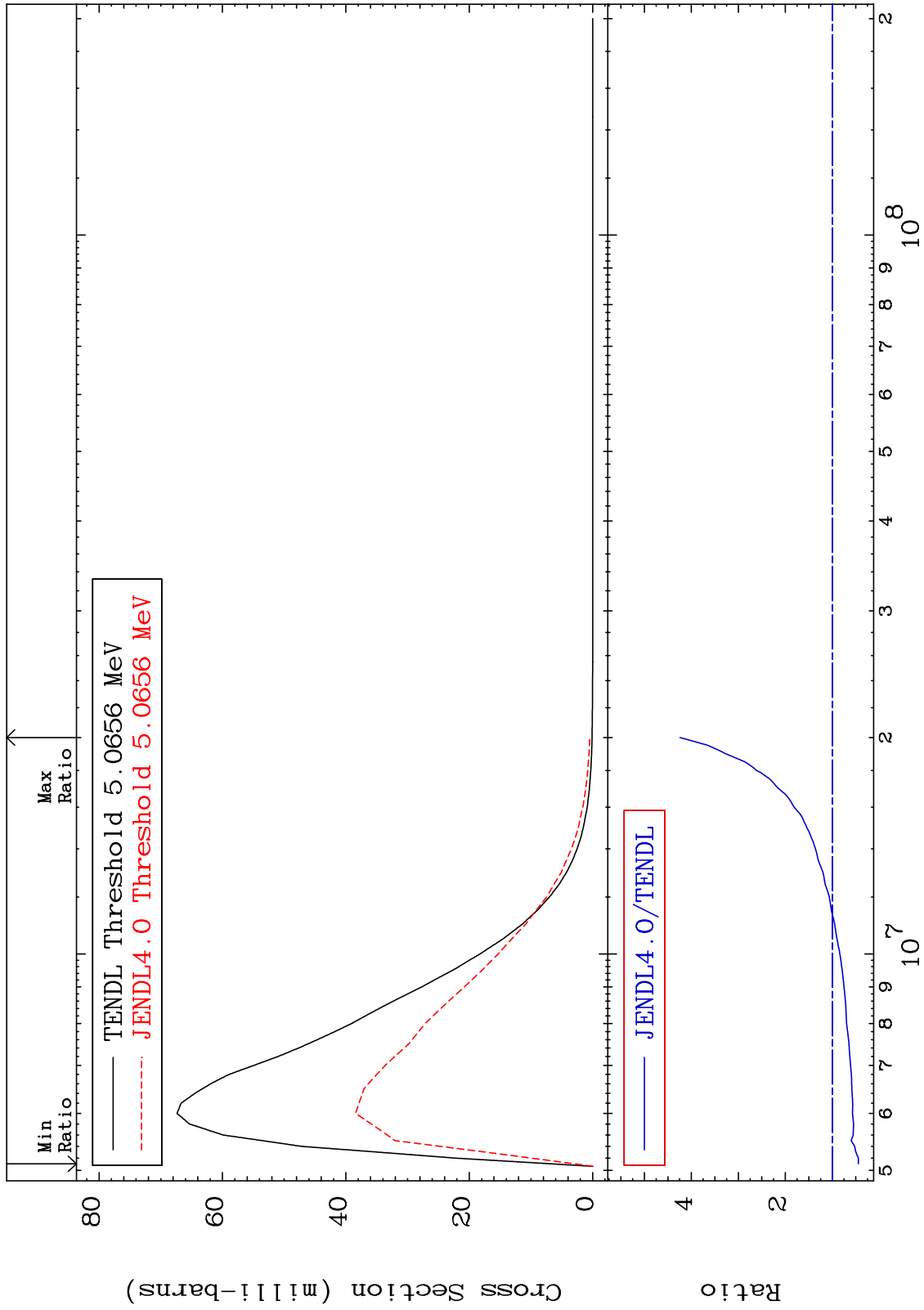


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Incident Energy (eV)

14-Si-29

MAT 1428      MT= 59 (n,n') Level      14-Si-29  
Cross Section      -55.51 To 324.1 %



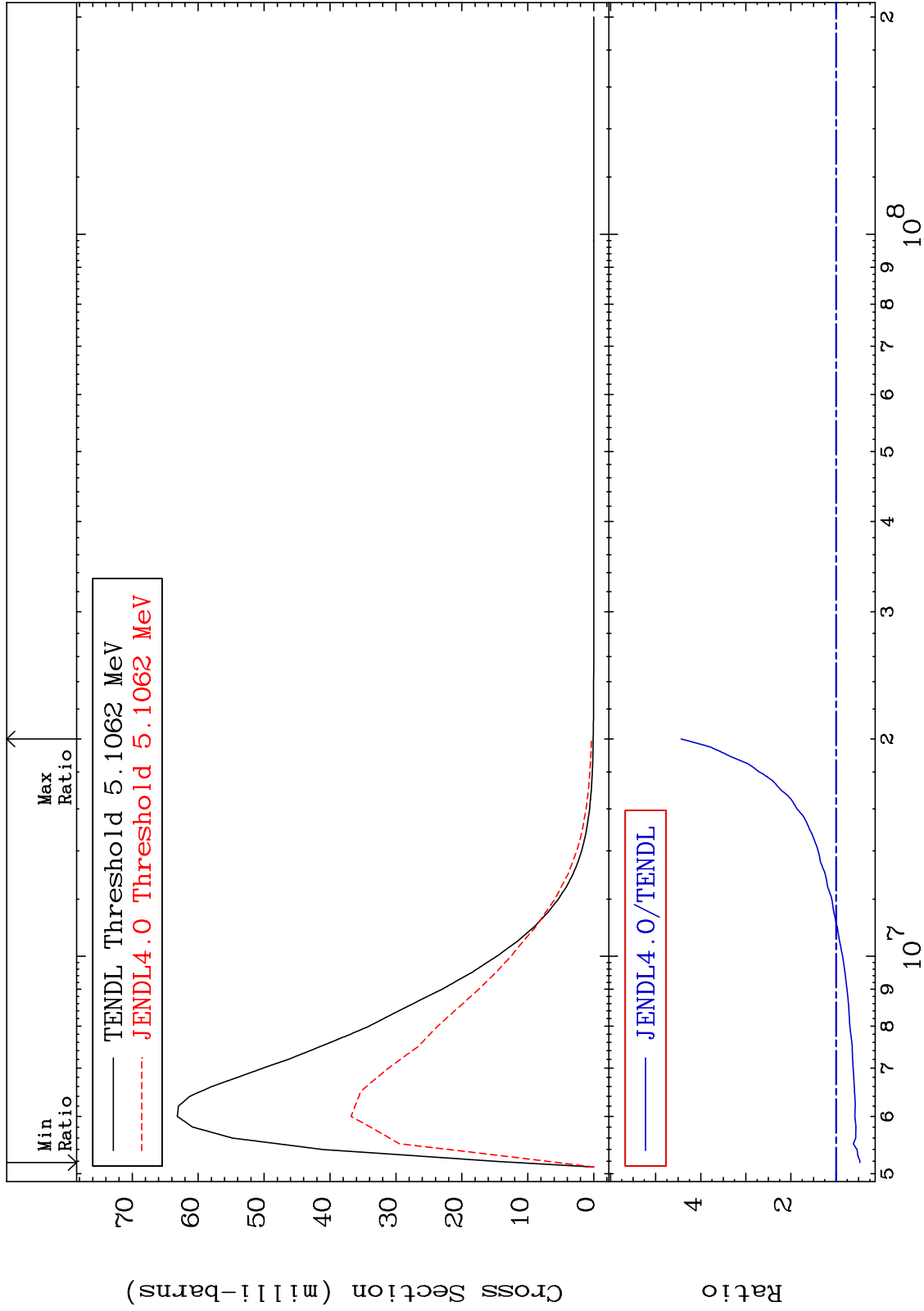
15      Incident Energy (eV)      14-Si-29



MAT 1428

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

14-Si-29  
-52.99 To 343.2 %

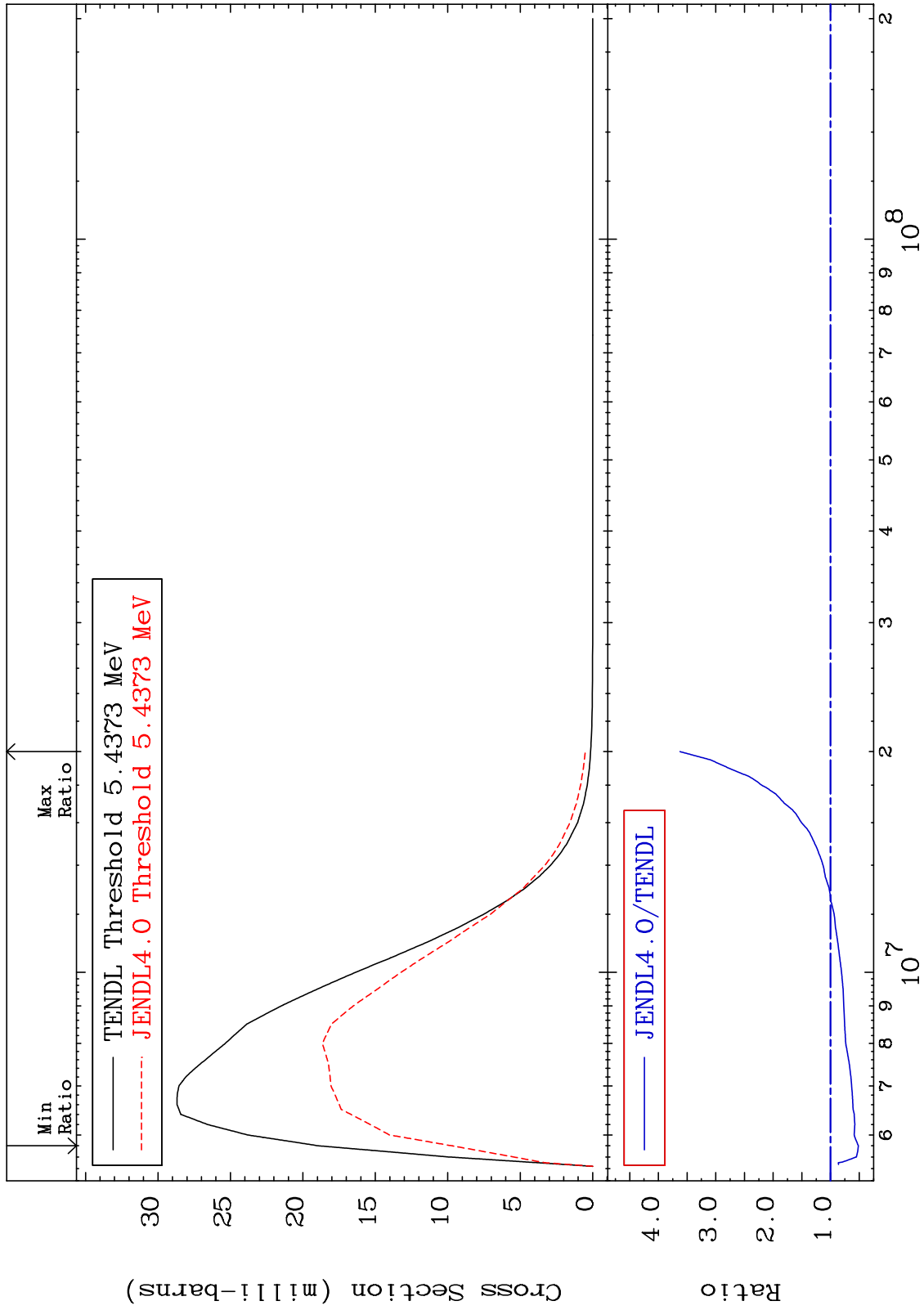


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Incident Energy (eV)

14-Si-29

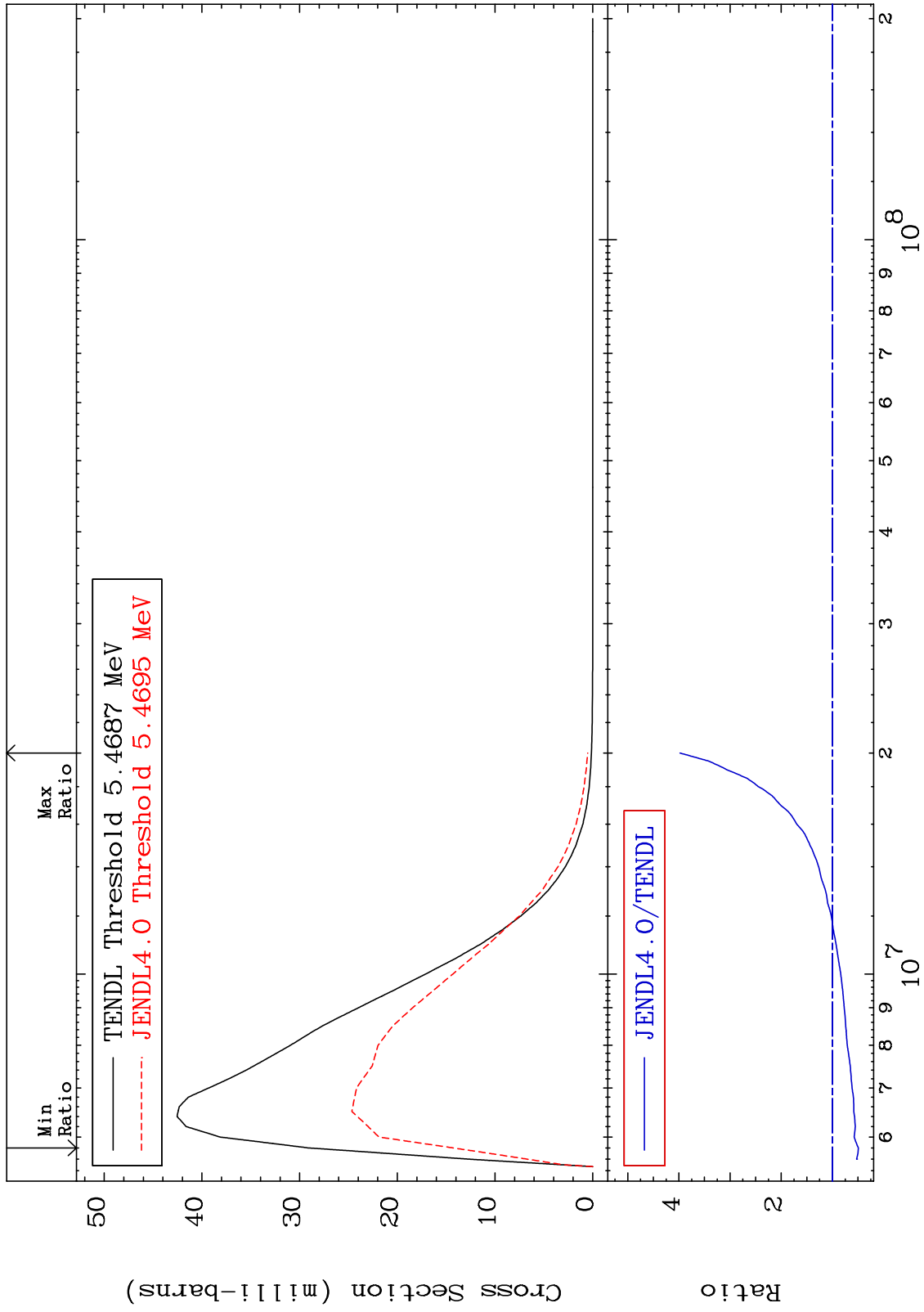
MAT 1428 MT= 61 (n,n') Level Cross Section 14-Si-29  
 -48.58 To 262.3 %



MAT 1428

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

14-Si-29  
-50.85 To 297.8 %



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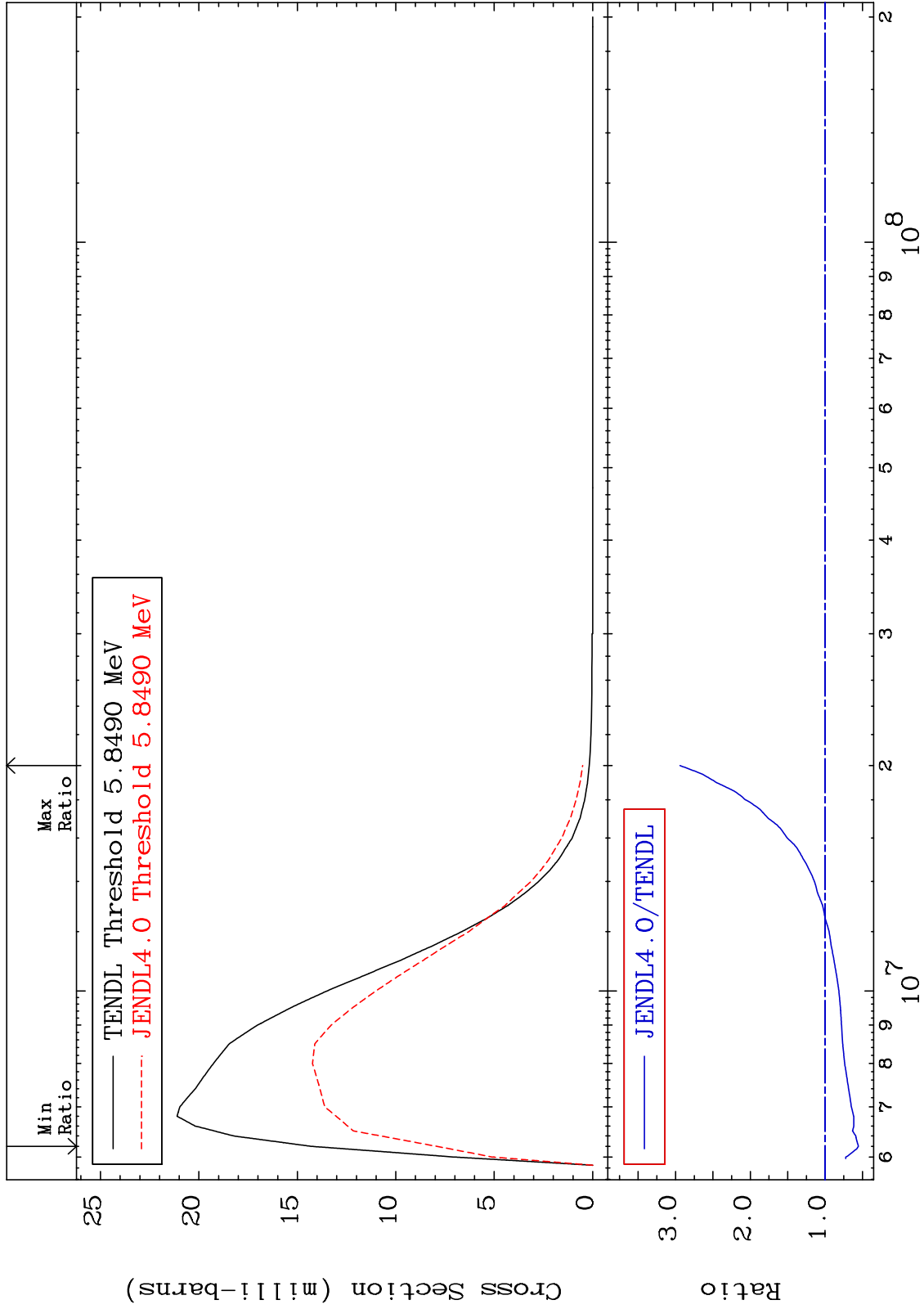
Incident Energy (eV)

14-Si-29

MAT 1428

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

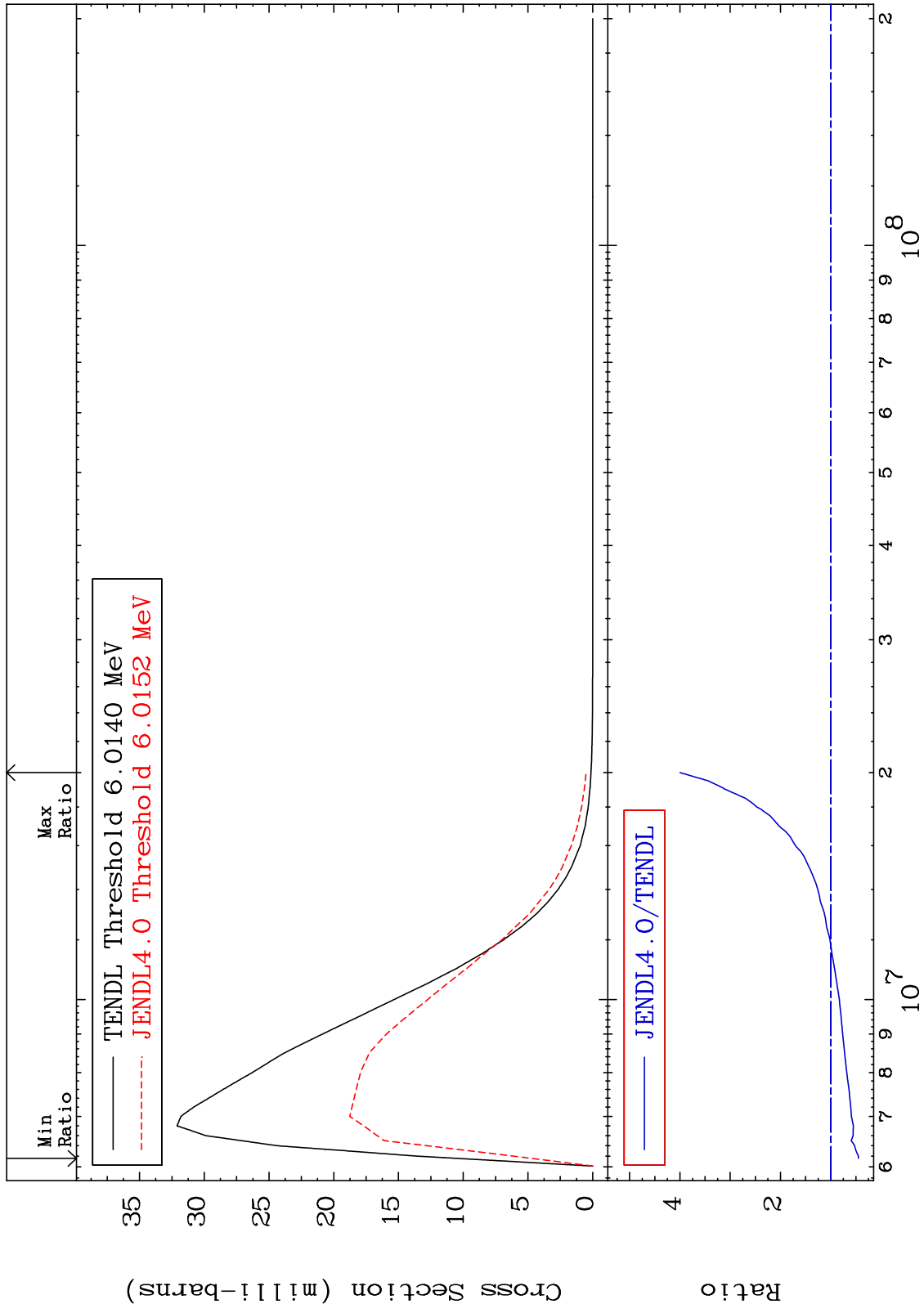
14-Si-29  
-44.56 To 194.0 %



19

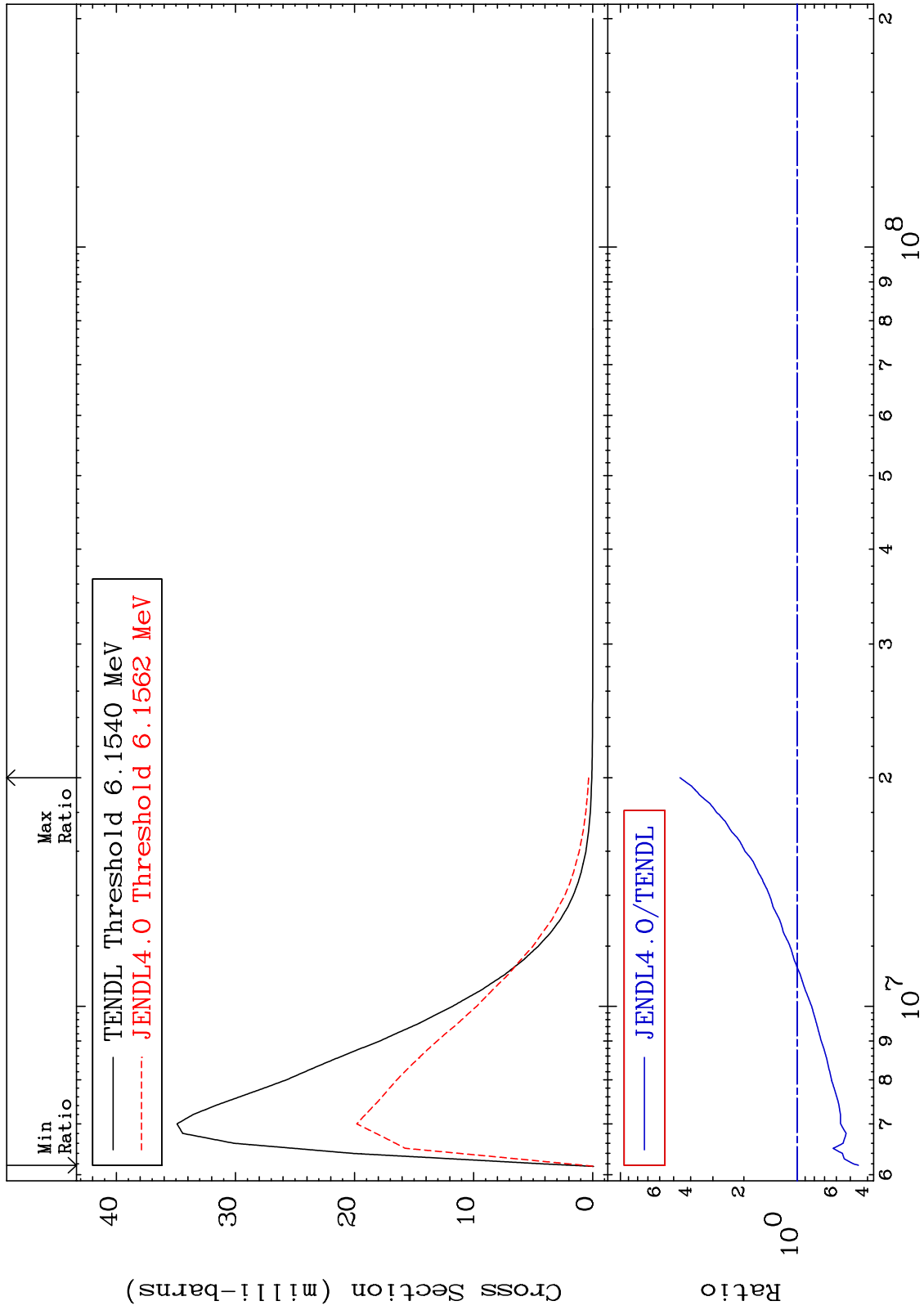
14-Si-29

MAT 1428 MT= 64 (n,n') Level Cross Section 14-Si-29 -54.96 To 299.8 %



20 Incident Energy (eV) 14-Si-29

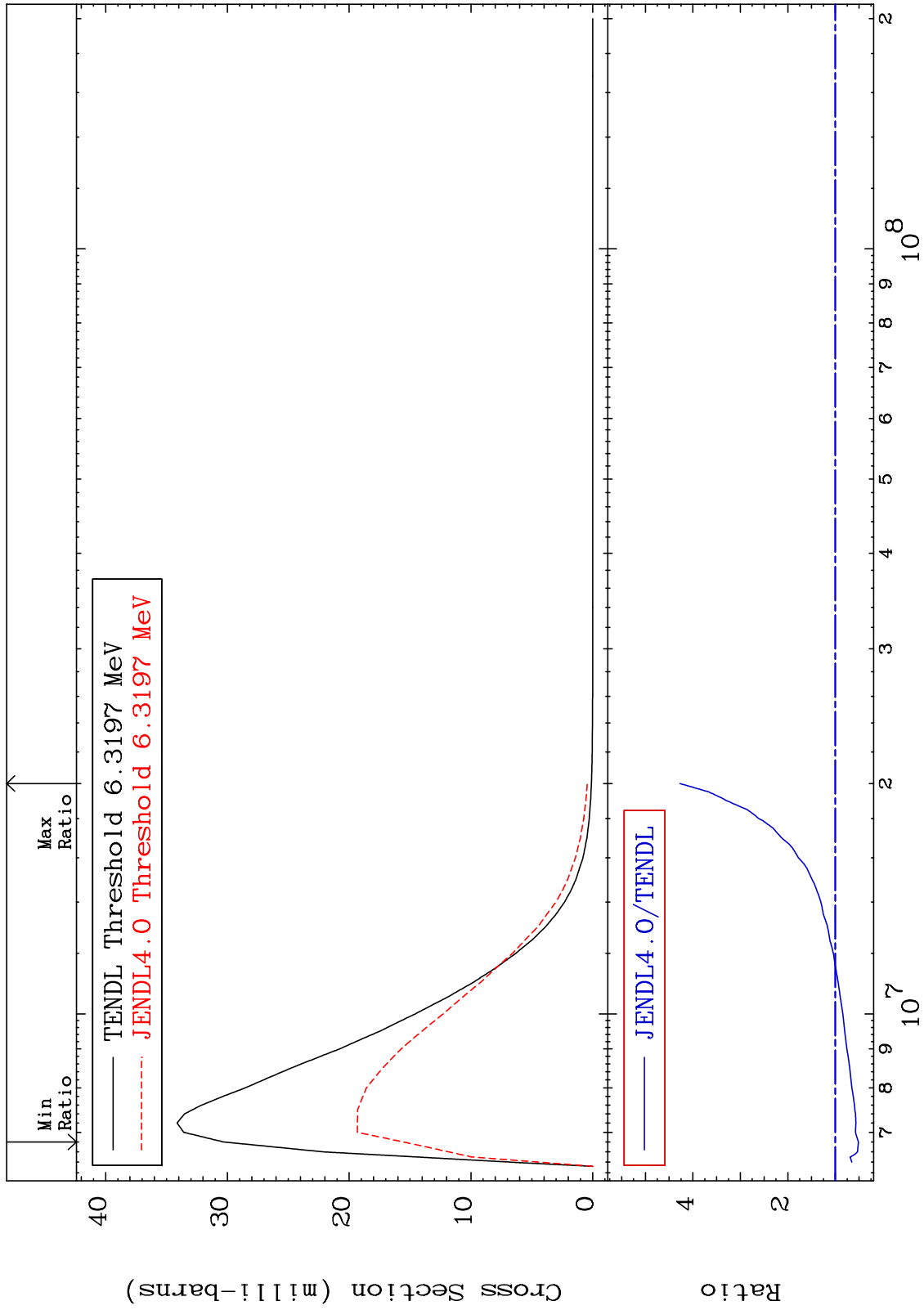
MAT 1428 MT= 65 (n,n') Level  
 Cross Section 14-Si-29  
 -54.99 To 359.9 %



14-Si-29

Incident Energy (eV)

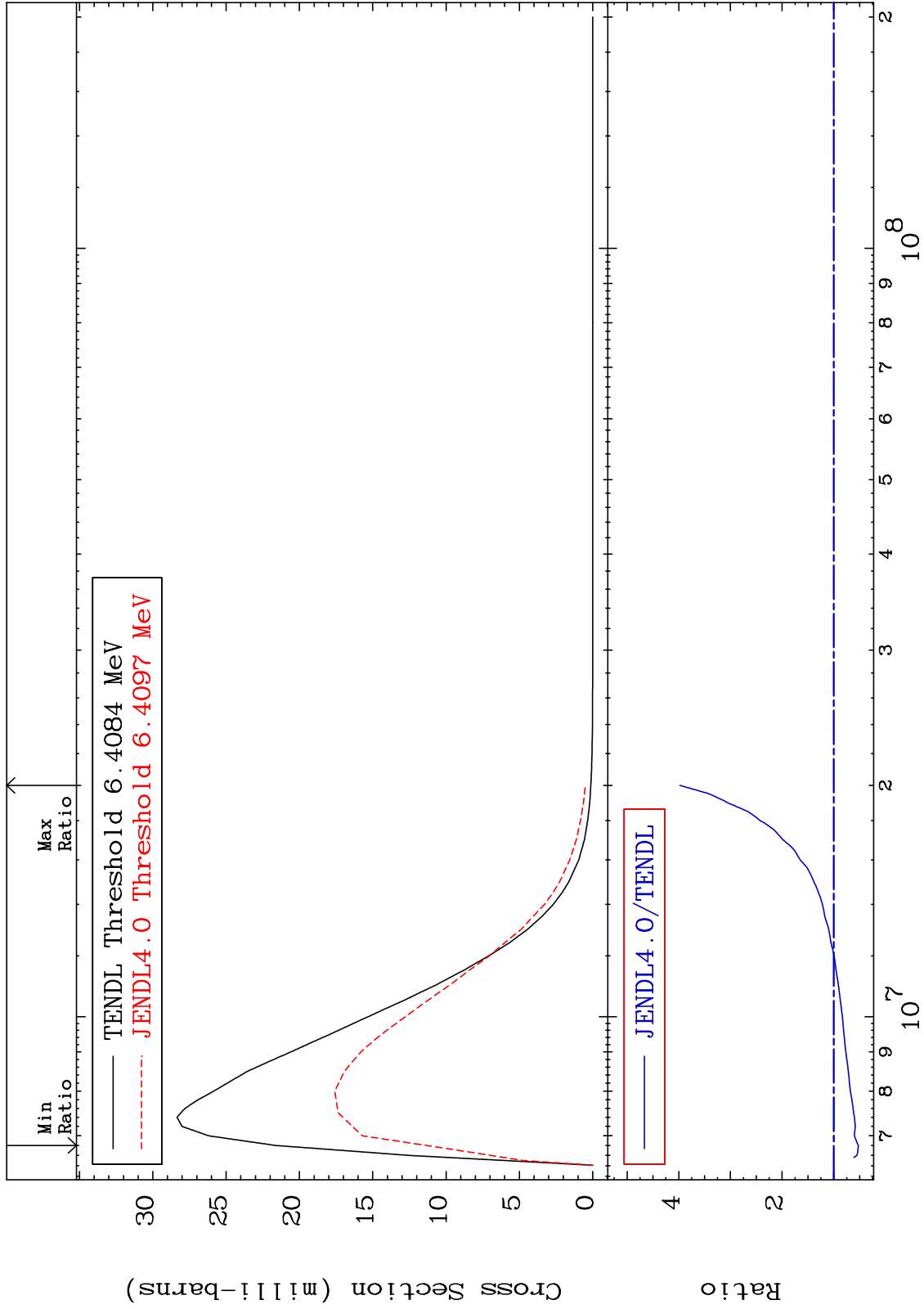
MAT 1428 MT= 66 (n,n') Level Cross Section 14-Si-29  
 -48.65 To 327.1 %



MAT 1428

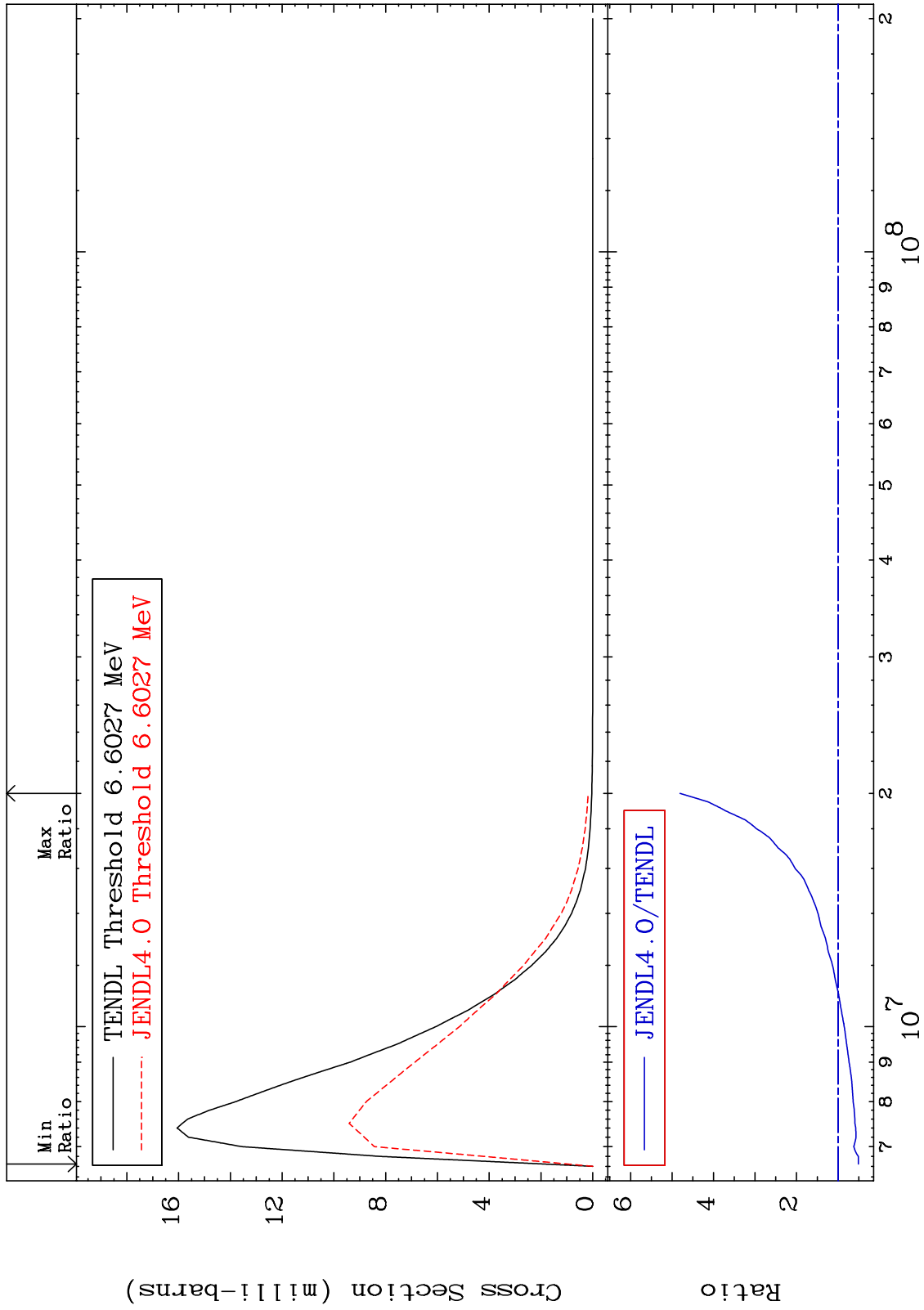
MT= 67 (n,n') Level  
Cross Section

14-Si-29  
-47.62 To 297.6 %





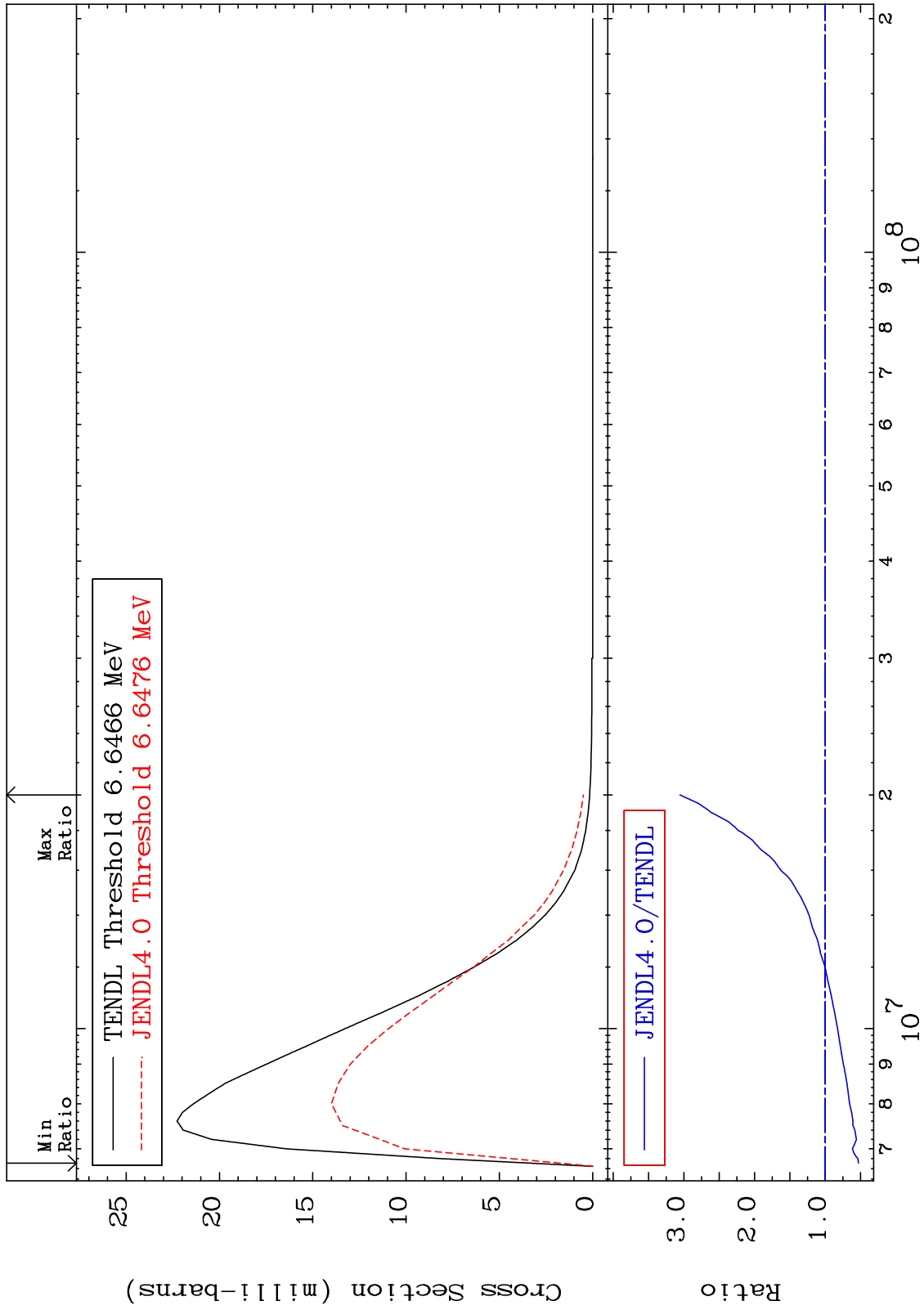
MAT 1428 MT= 68 (n,n') Level  
 Cross Section 14-Si-29  
 -49.13 To 380.8 %



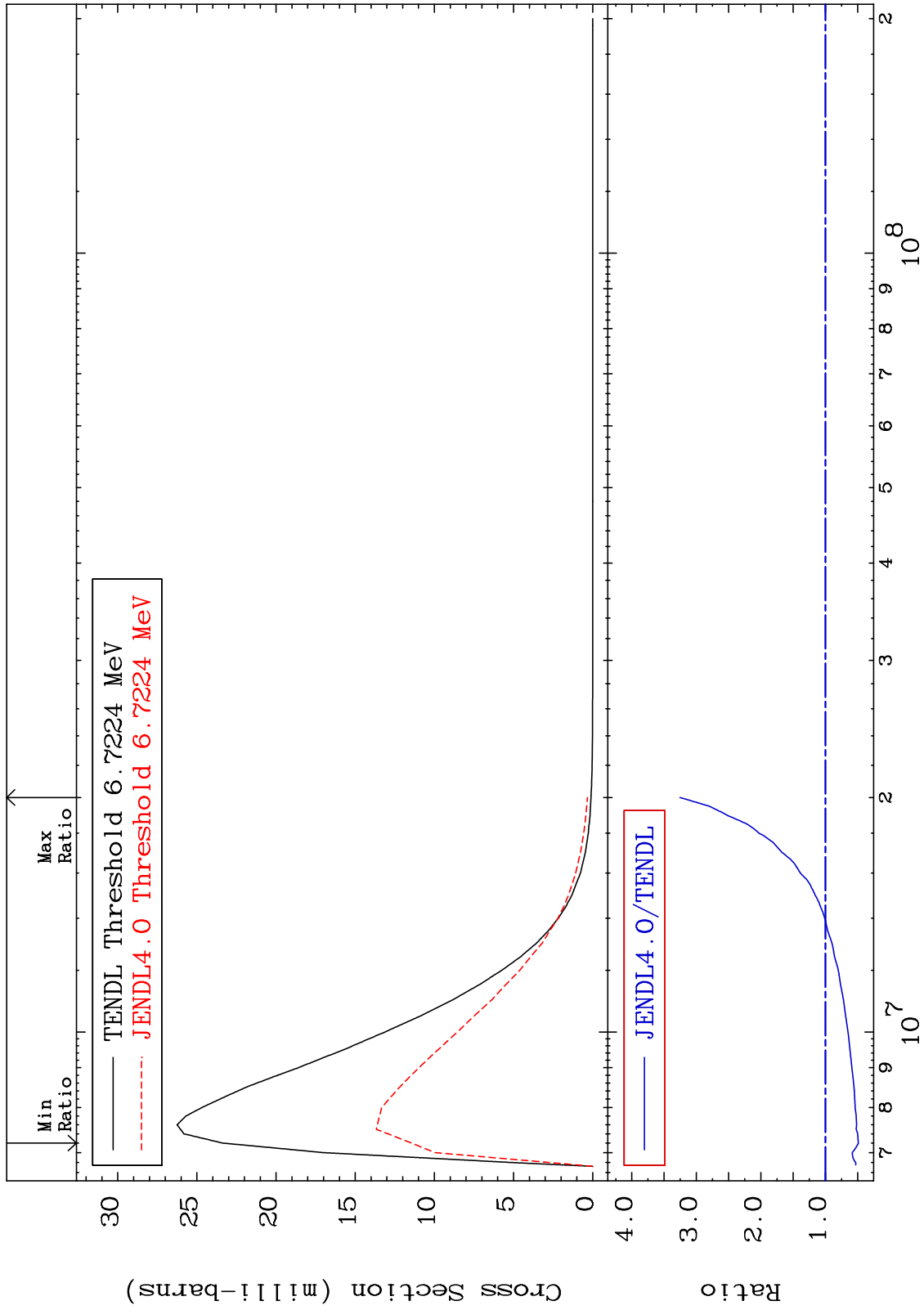
14-Si-29

Incident Energy (eV)

MAT 1428      MT= 69 (n,n') Level      14-Si-29  
Cross Section      -47.03 To 205.4 %



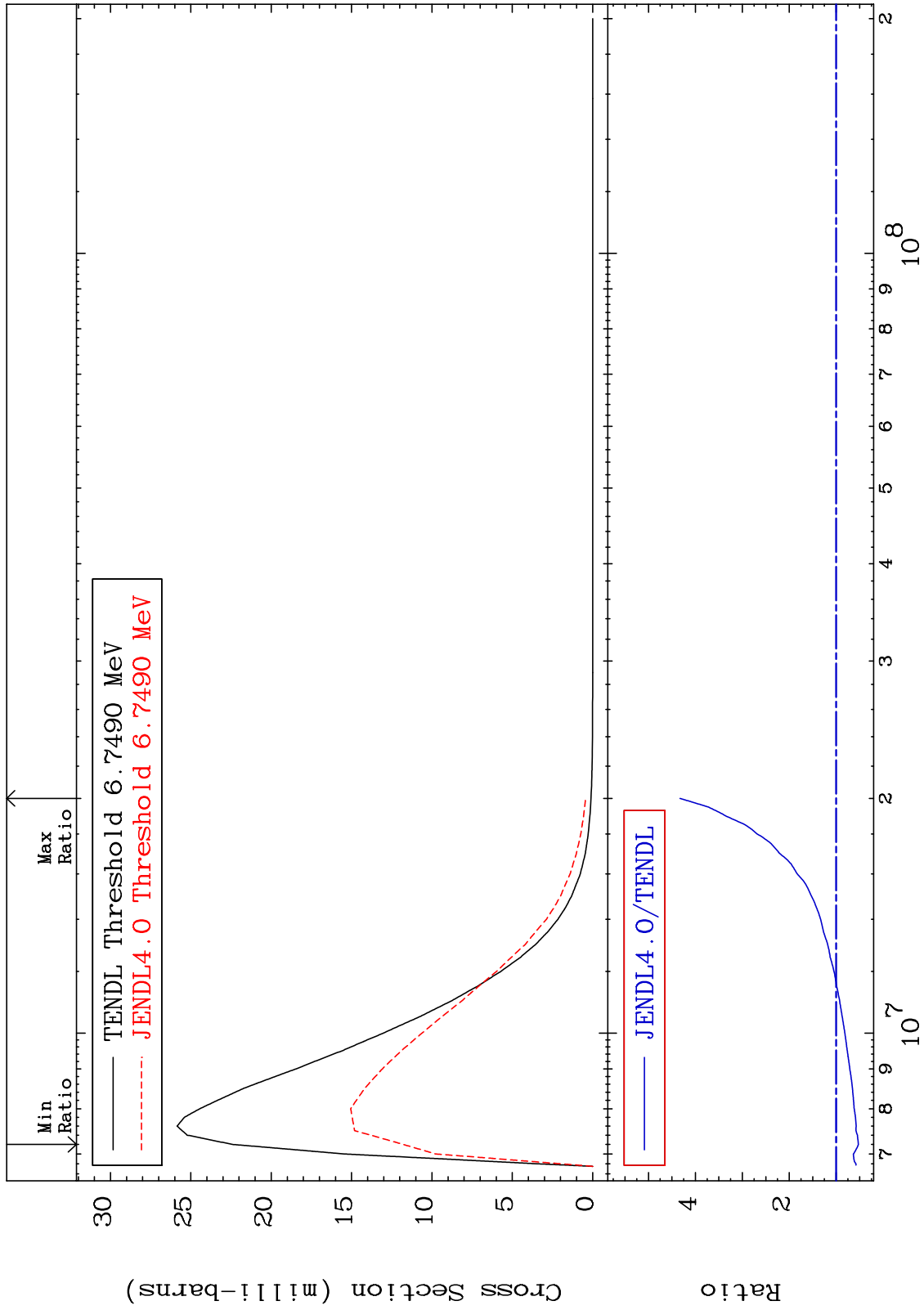
MAT 1428 MT= 70 (n,n') Level  
Cross Section 14-Si-29  
-51.03 To 225.4 %



14-Si-29

Incident Energy (eV)

MAT 1428 MT= 71 (n,n') Level Cross Section 14-Si-29  
 -47.38 To 332.8 %

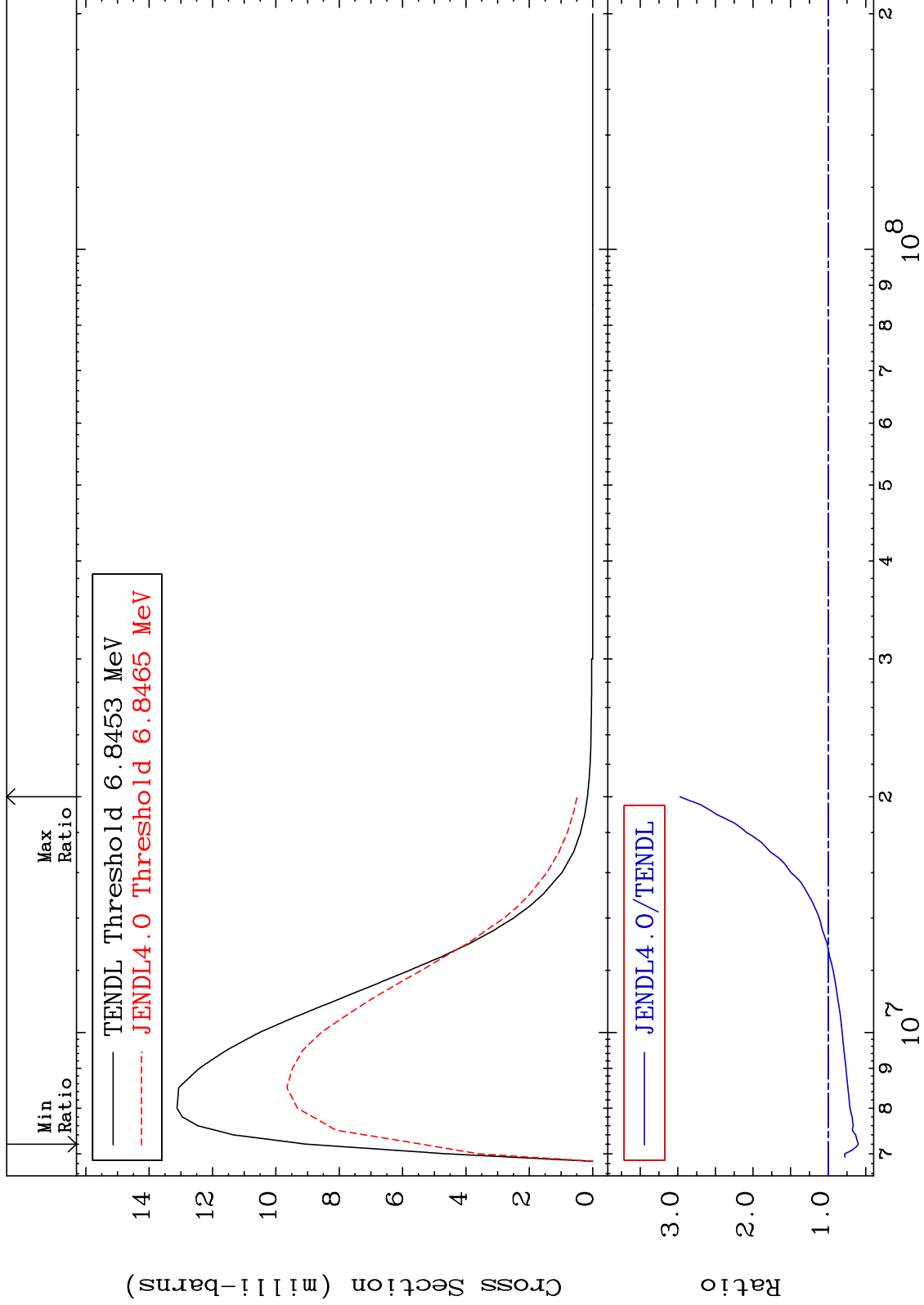


27 Incident Energy (eV) 14-Si-29

MAT 1428

MT= 72 (n,n') Level  
Cross Section

14-Si-29  
-40.17 To 197.1 %

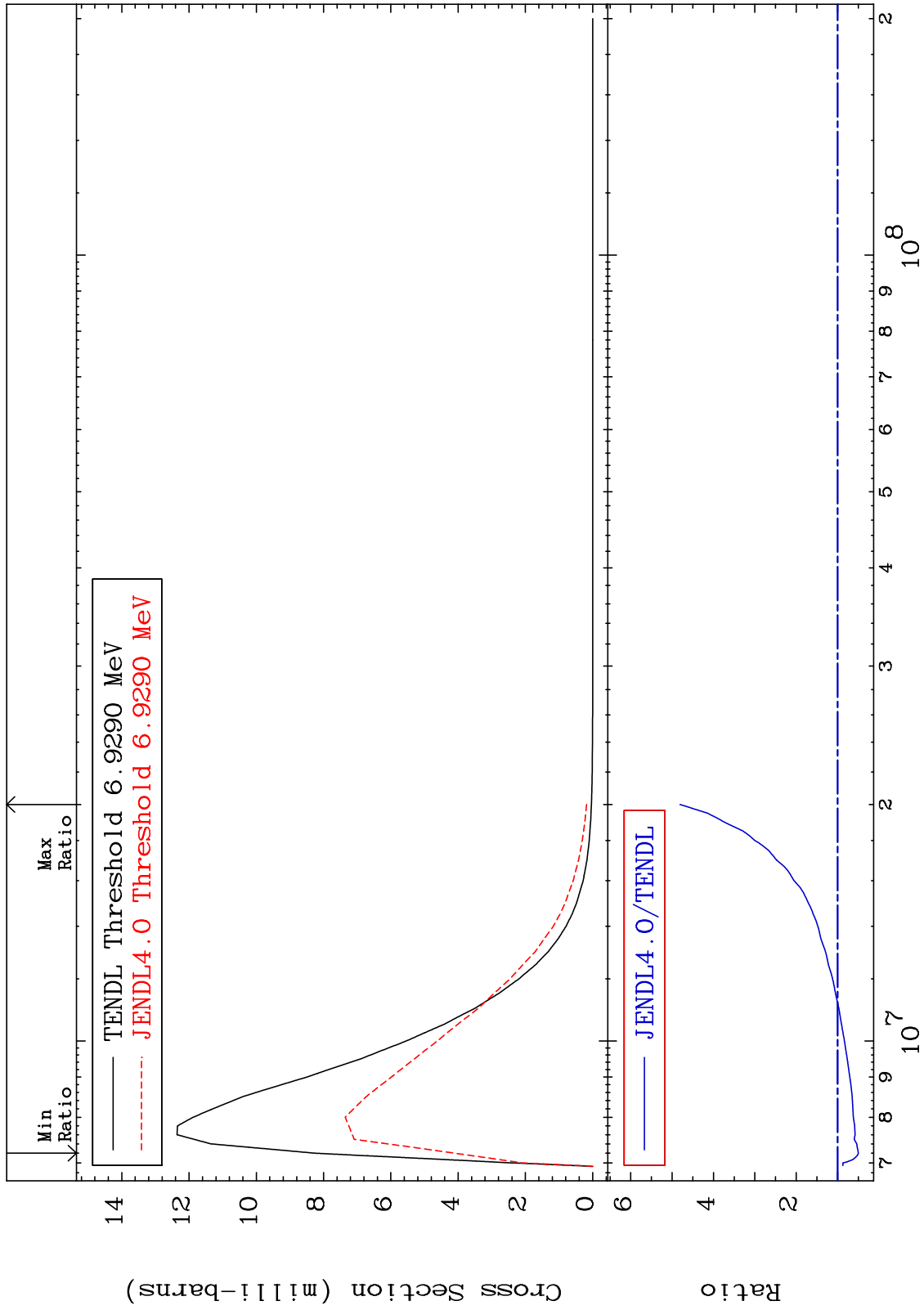


28

Incident Energy (eV)

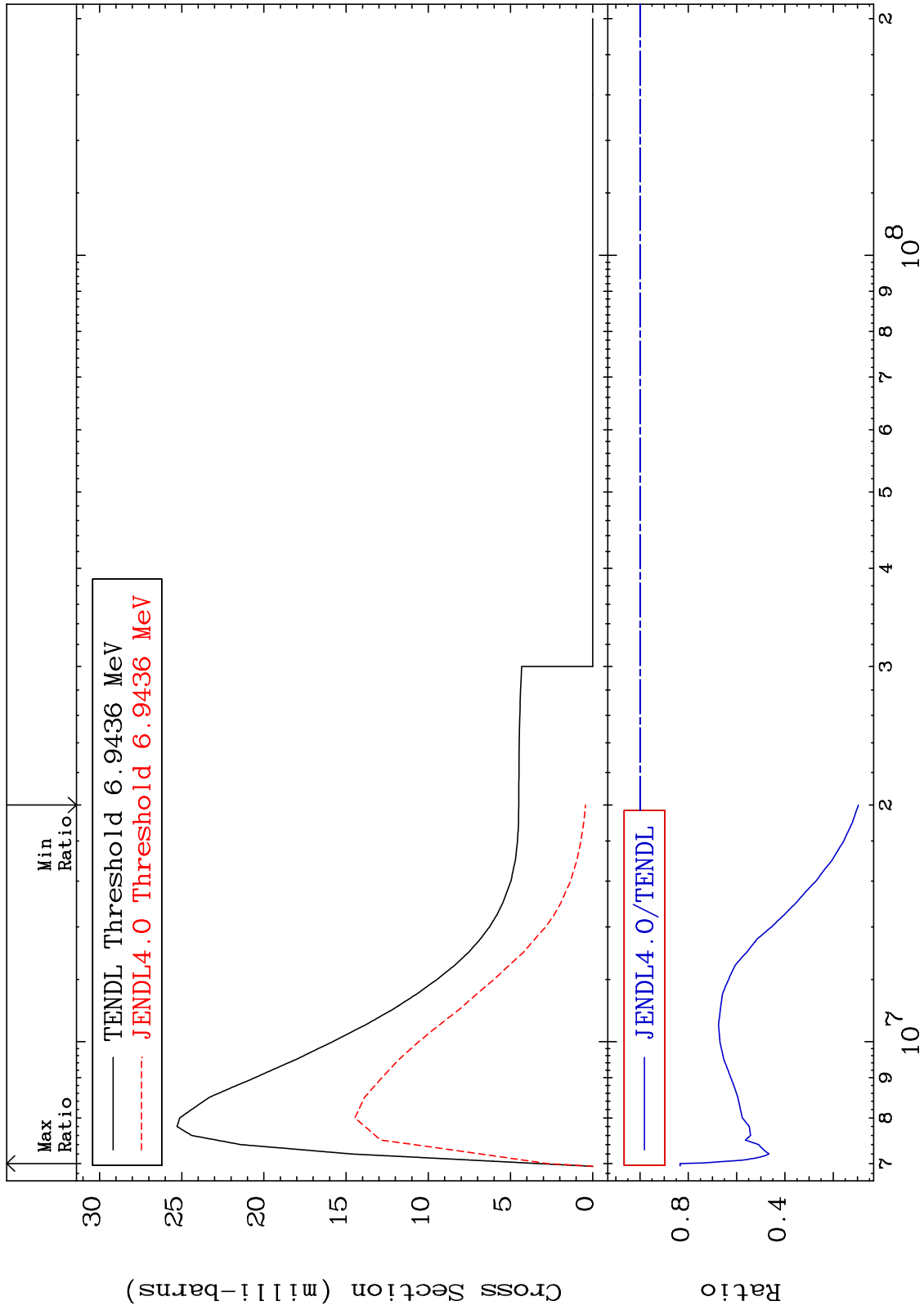
14-Si-29

MAT 1428 MT= 73 (n,n') Level Cross Section 14-Si-29  
 -50.33 To 380.9 %

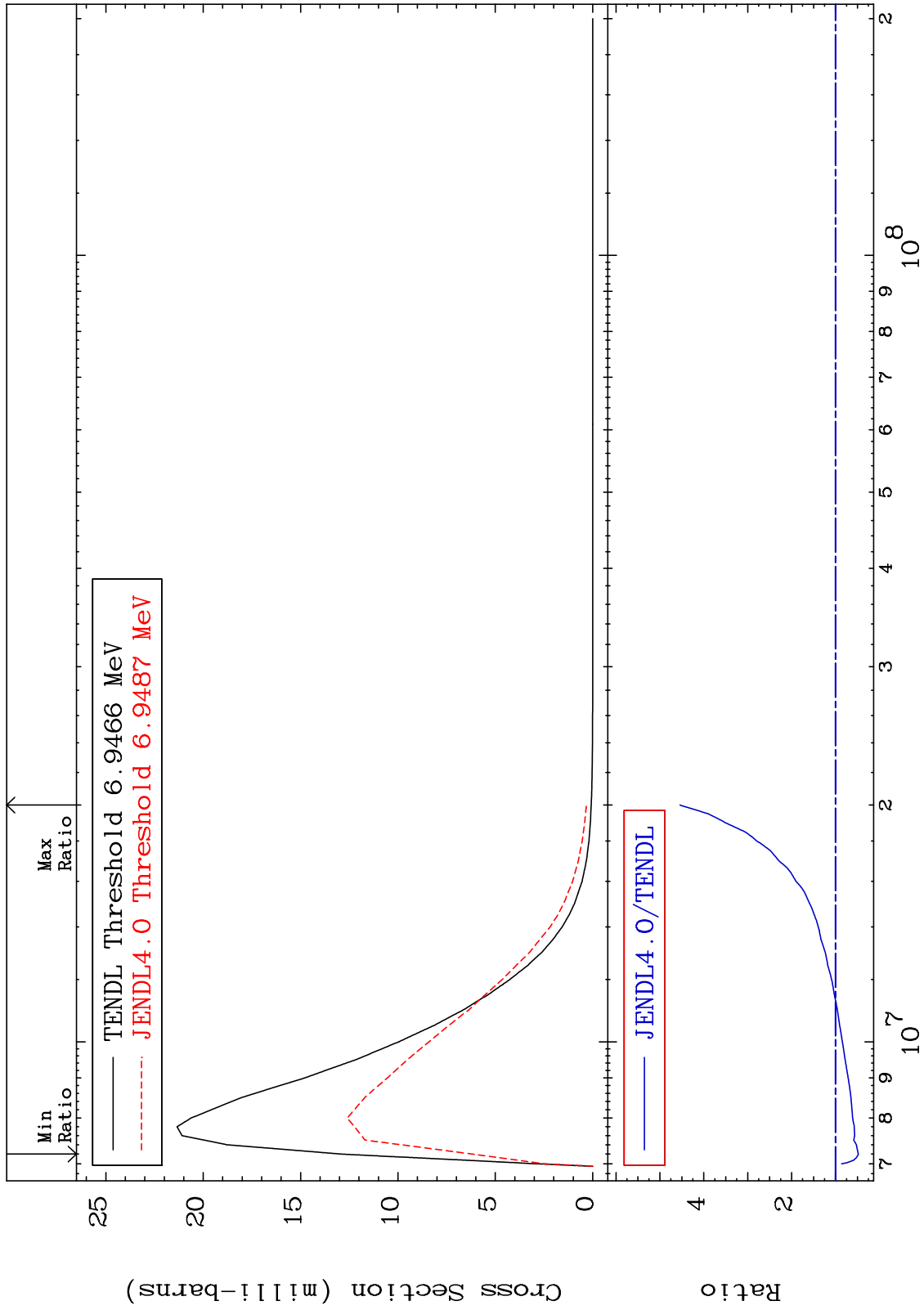


29 14-Si-29 Incident Energy (eV)

MAT 1428 MT= 74 (n,n') Level Cross Section 14-Si-29 -90.42 To -16.57%

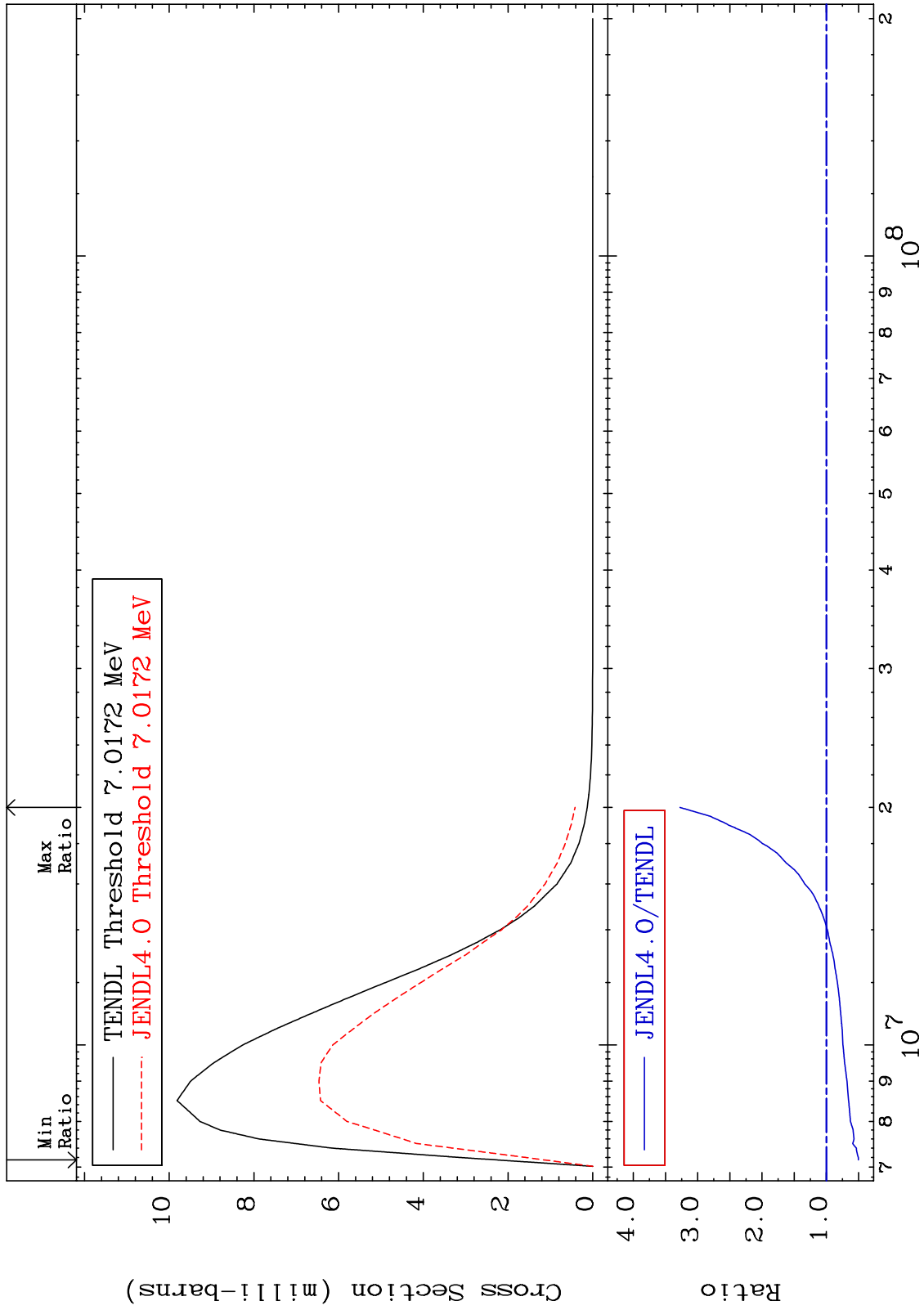


MAT 1428 MT= 75 (n,n') Level Cross Section 14-Si-29  
 -52.06 To 354.1 %





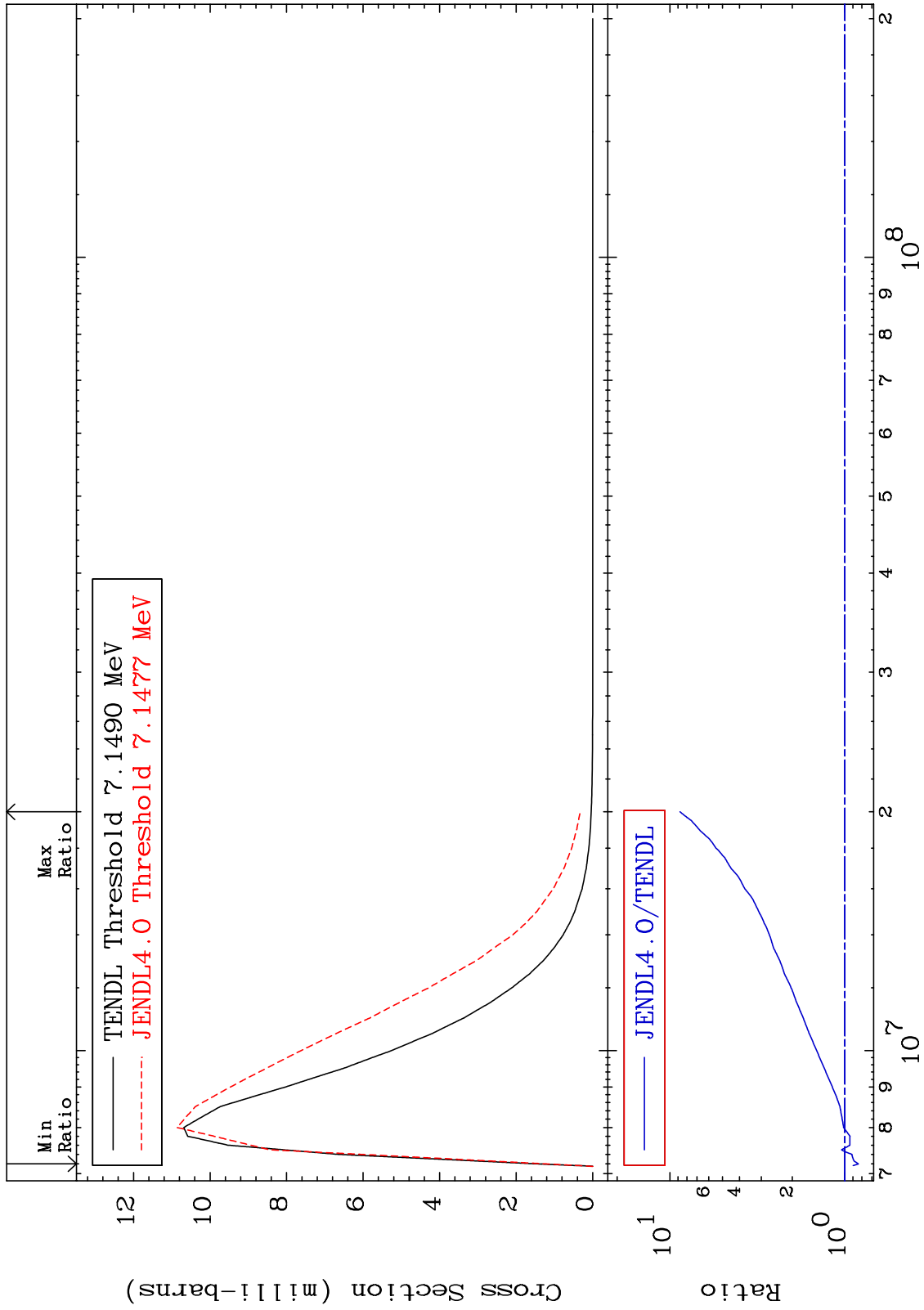
MAT 1428      MT= 76 (n,n') Level      14-Si-29  
 Cross Section      -49.73 To 227.5 %



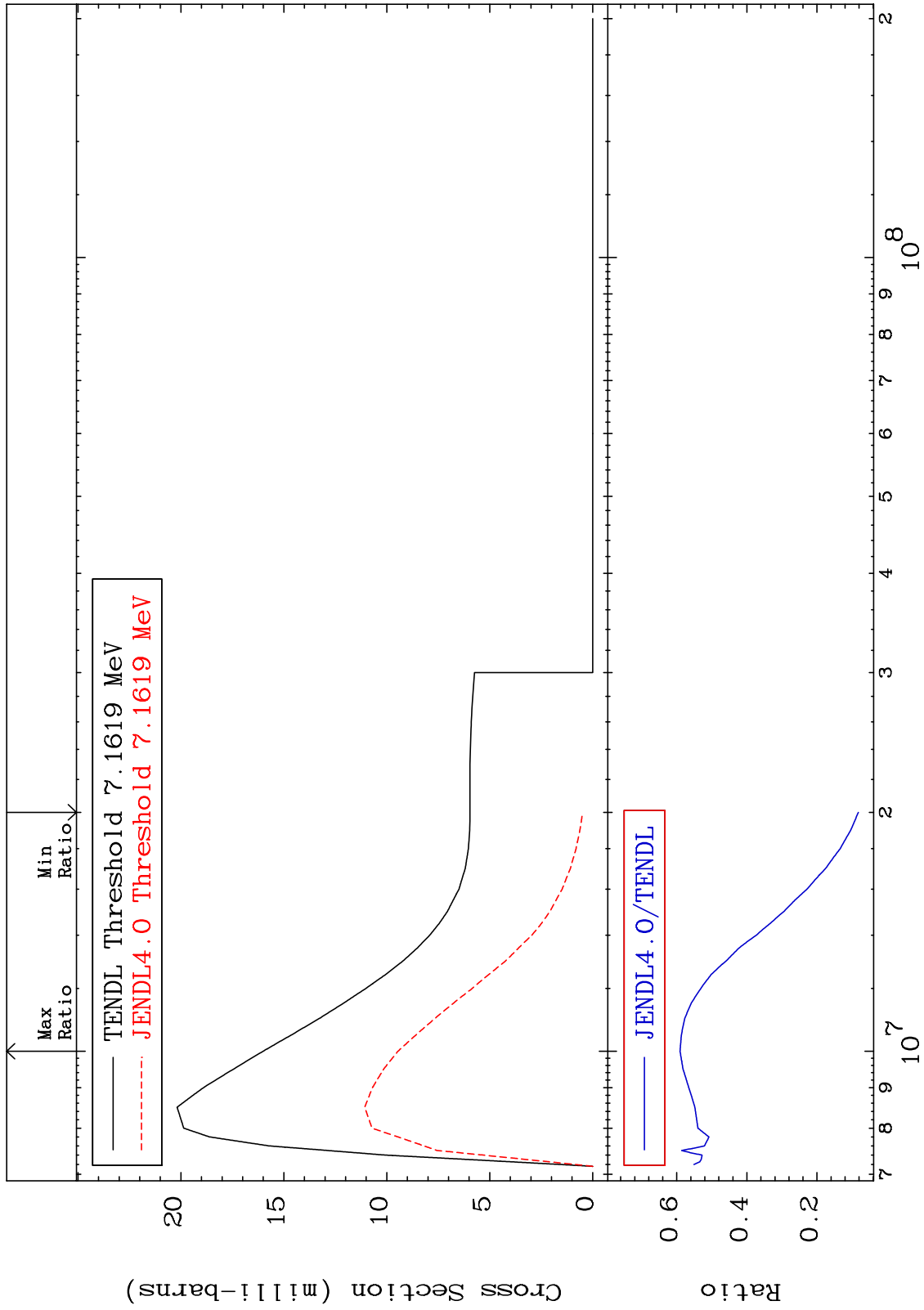
MAT 1428

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

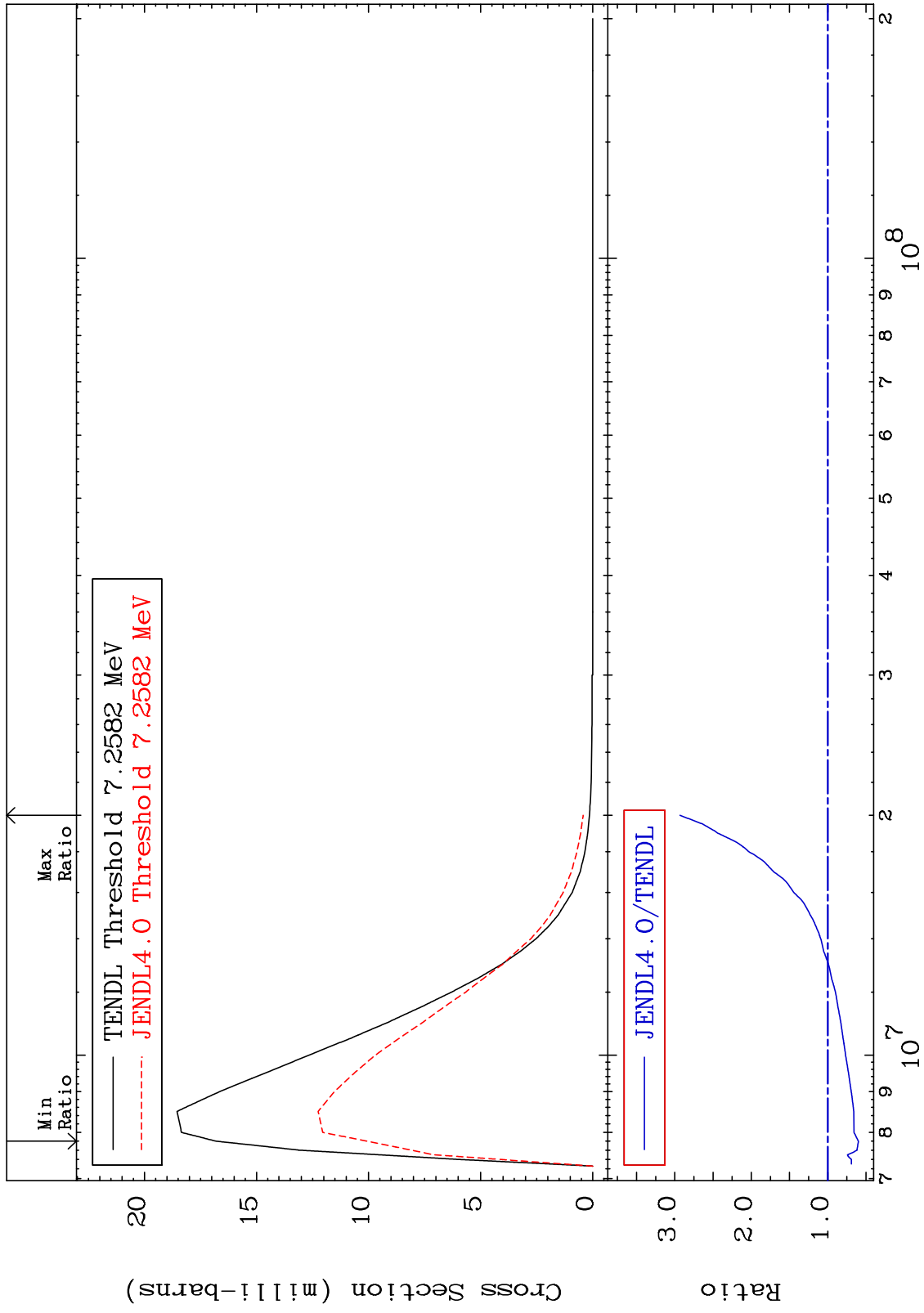
14-Si-29  
-16.32 To 775.1 %



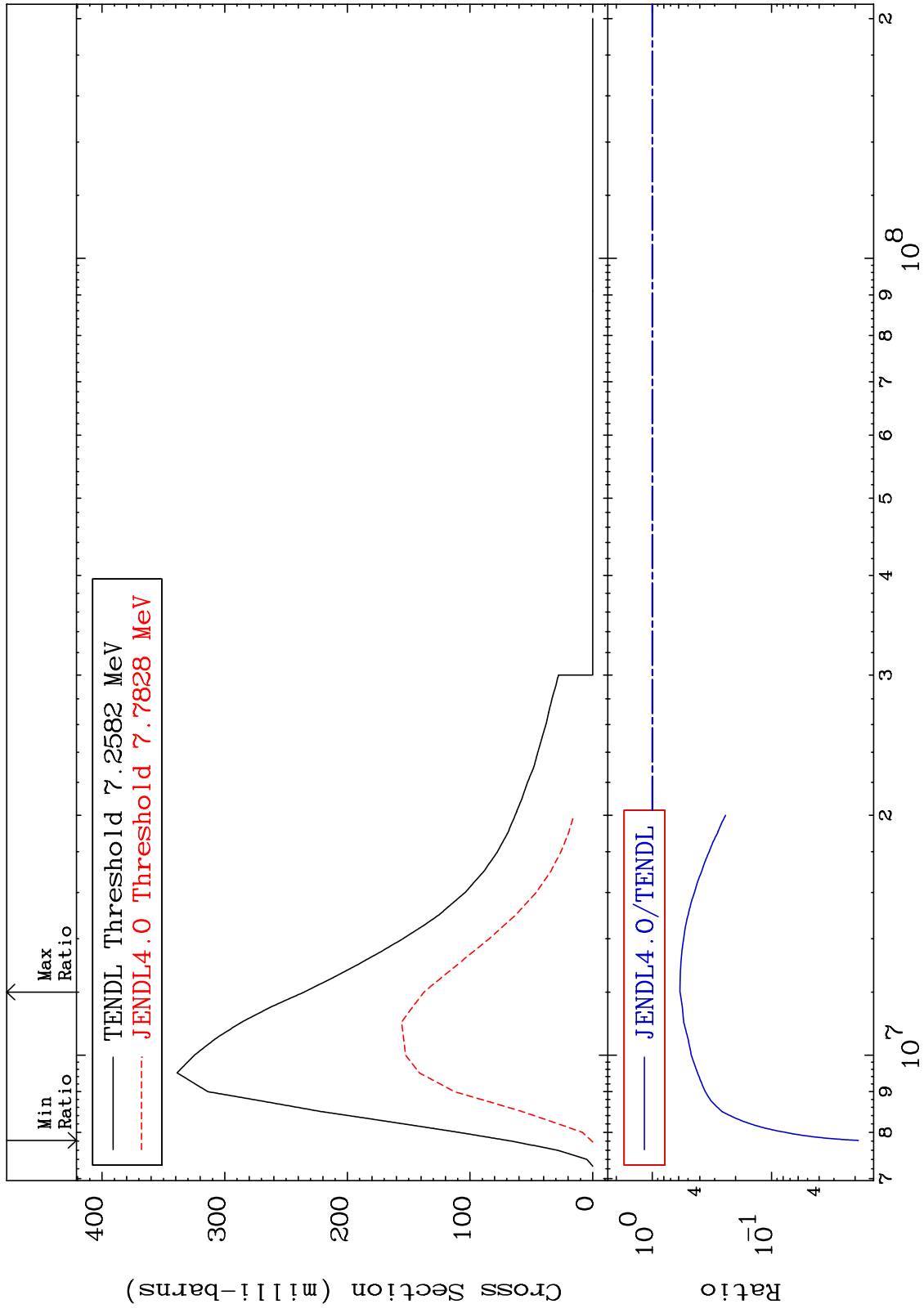
MAT 1428 MT= 78 (n,n') Level Cross Section 14-Si-29  
 -91.81 To -40.93%



MAT 1428 MT= 79 (n,n') Level Cross Section 14-Si-29  
-40.11 To 193.2 %



MAT 1428 (n,n') Continuum Cross Section 14-Si-29 -98.13 To -41.54%



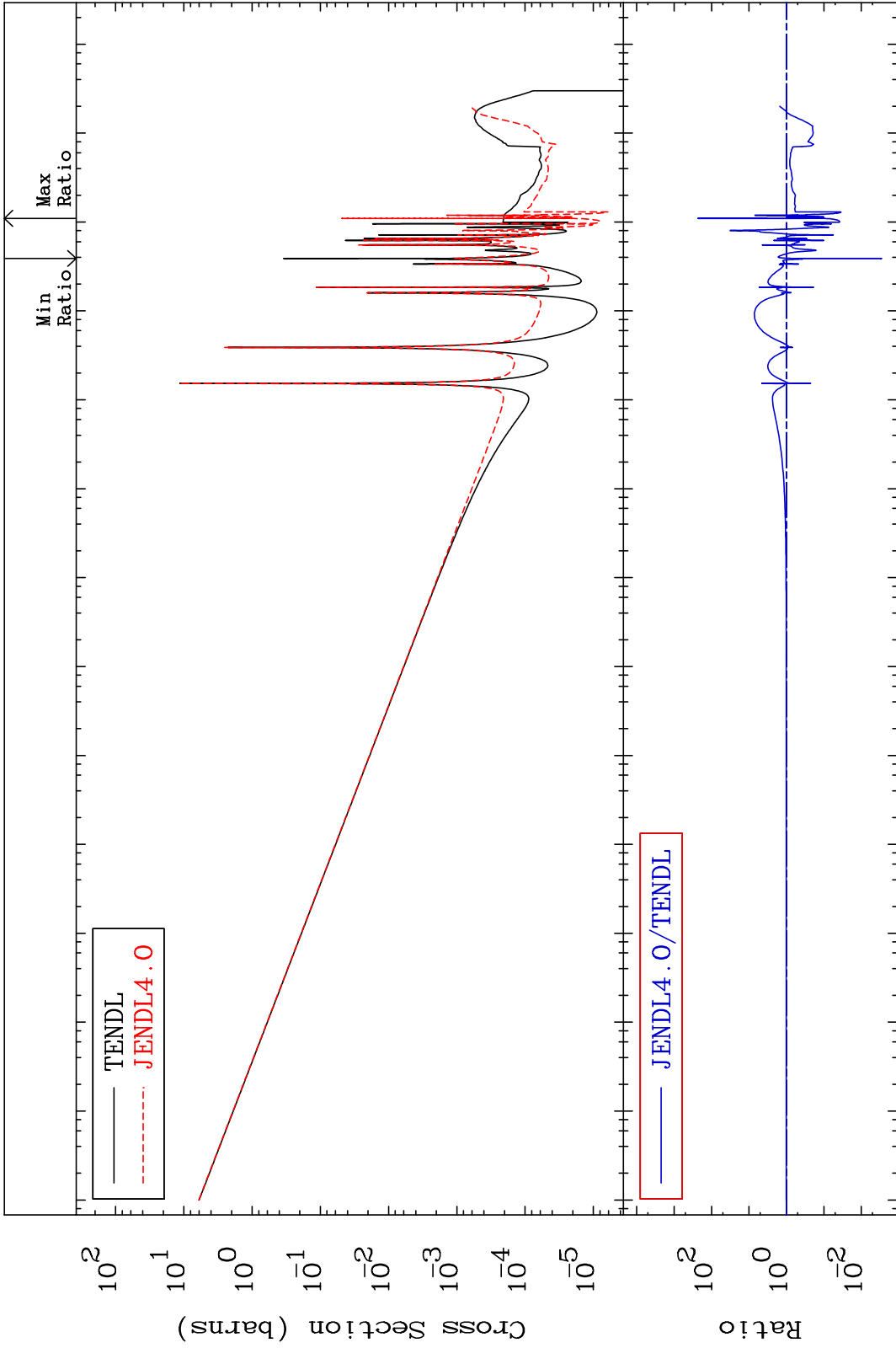
MAT 1428

(n,  $\gamma$ )

14-Si-29

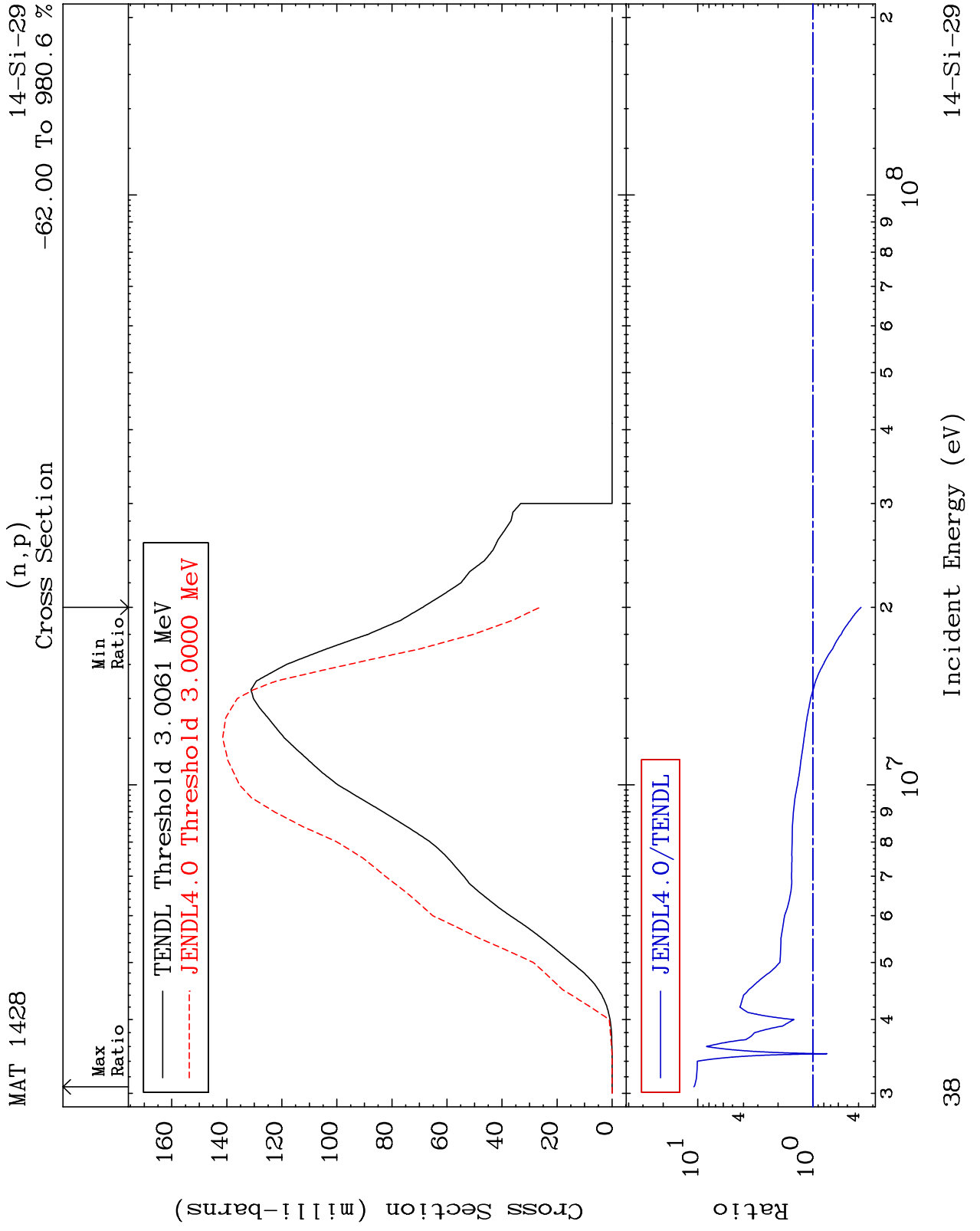
Cross Section

-99.71 To 9999. %



Incident Energy (eV)

14-Si-29



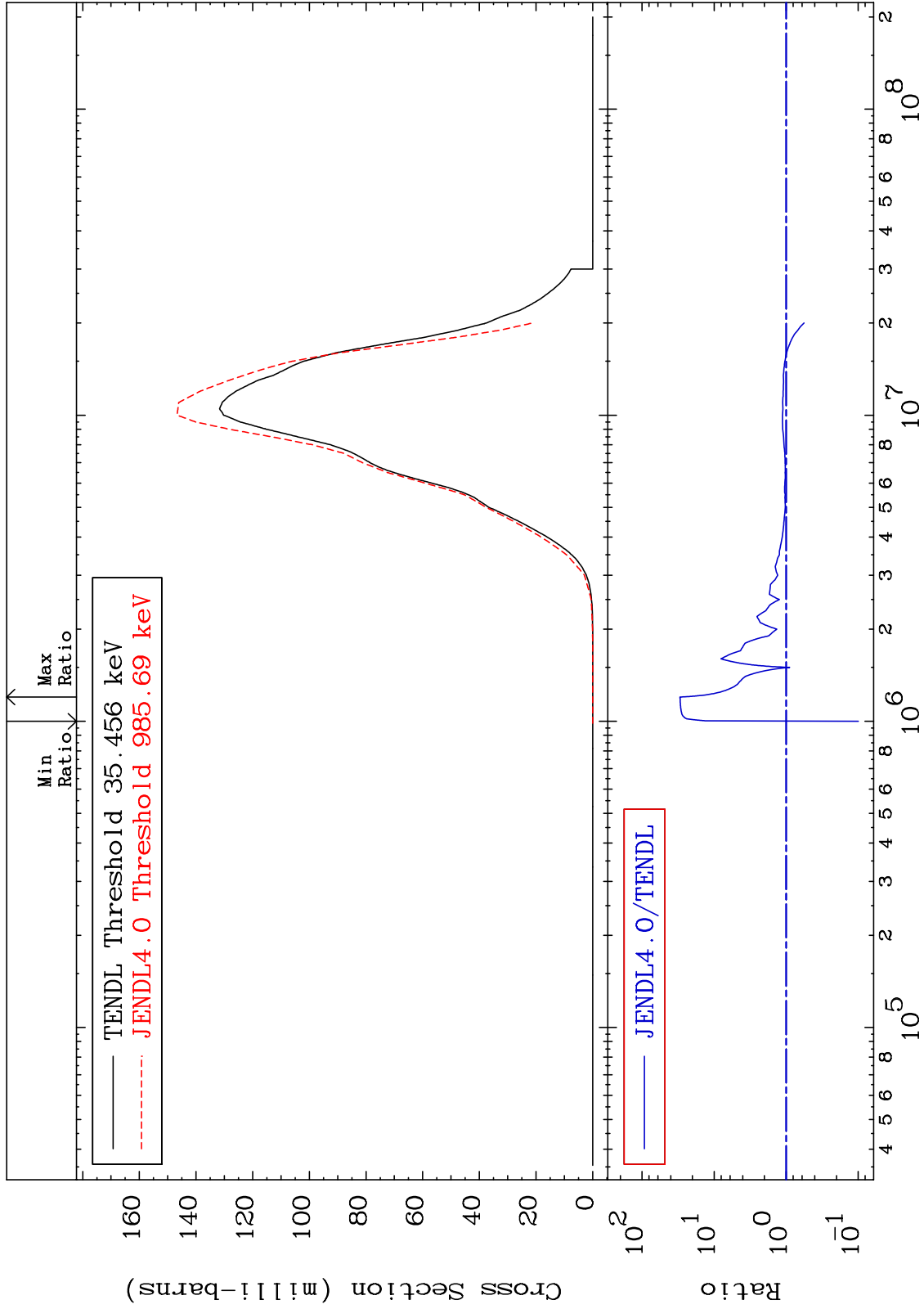
MAT 1428

(n,  $\alpha$ )

14-Si-29

-90.06 To 2871. %

Cross Section

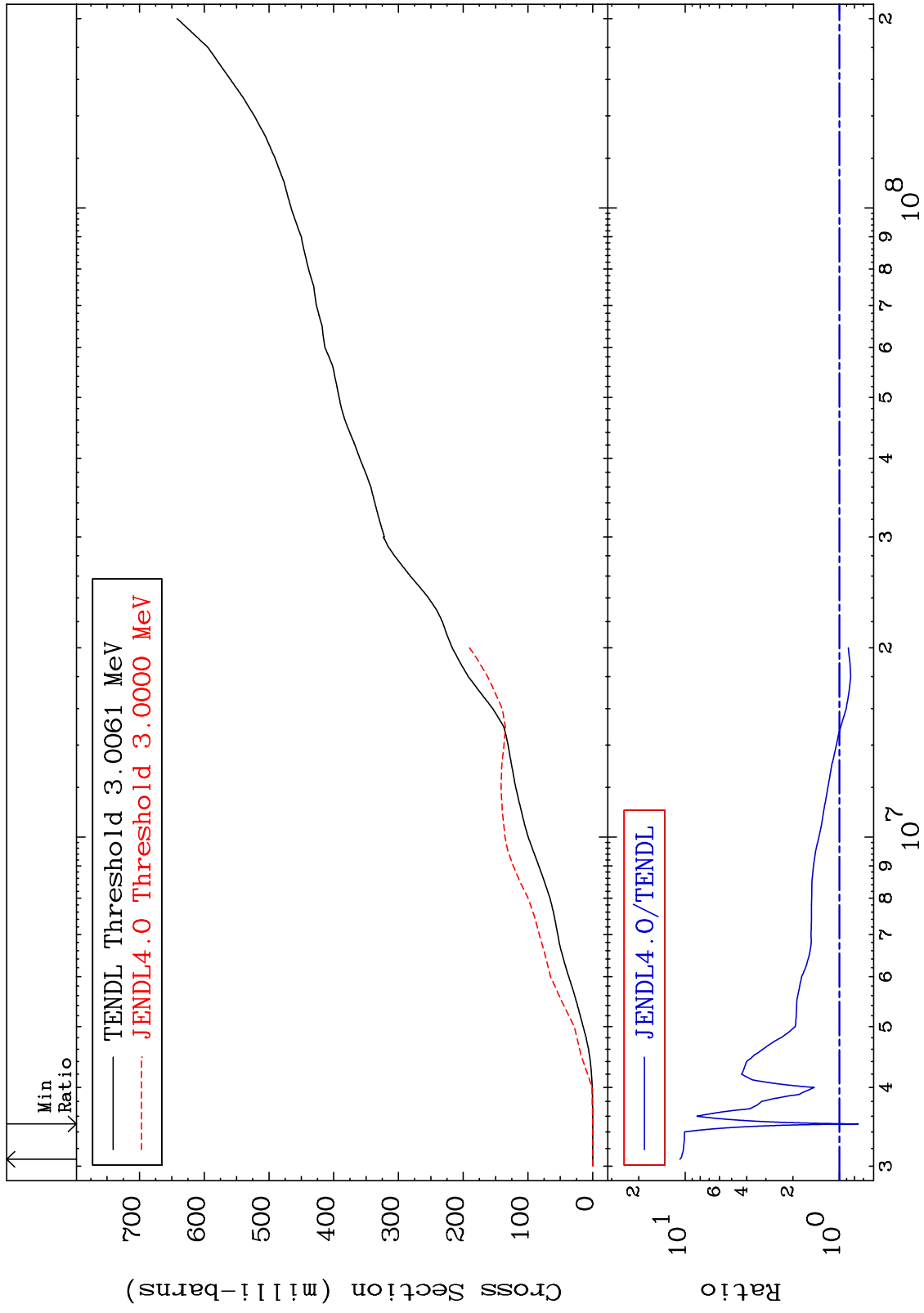




MAT 1428

Hydrogen Production  
Cross Section

14-Si-29  
-24.63 To 980.6 %



40

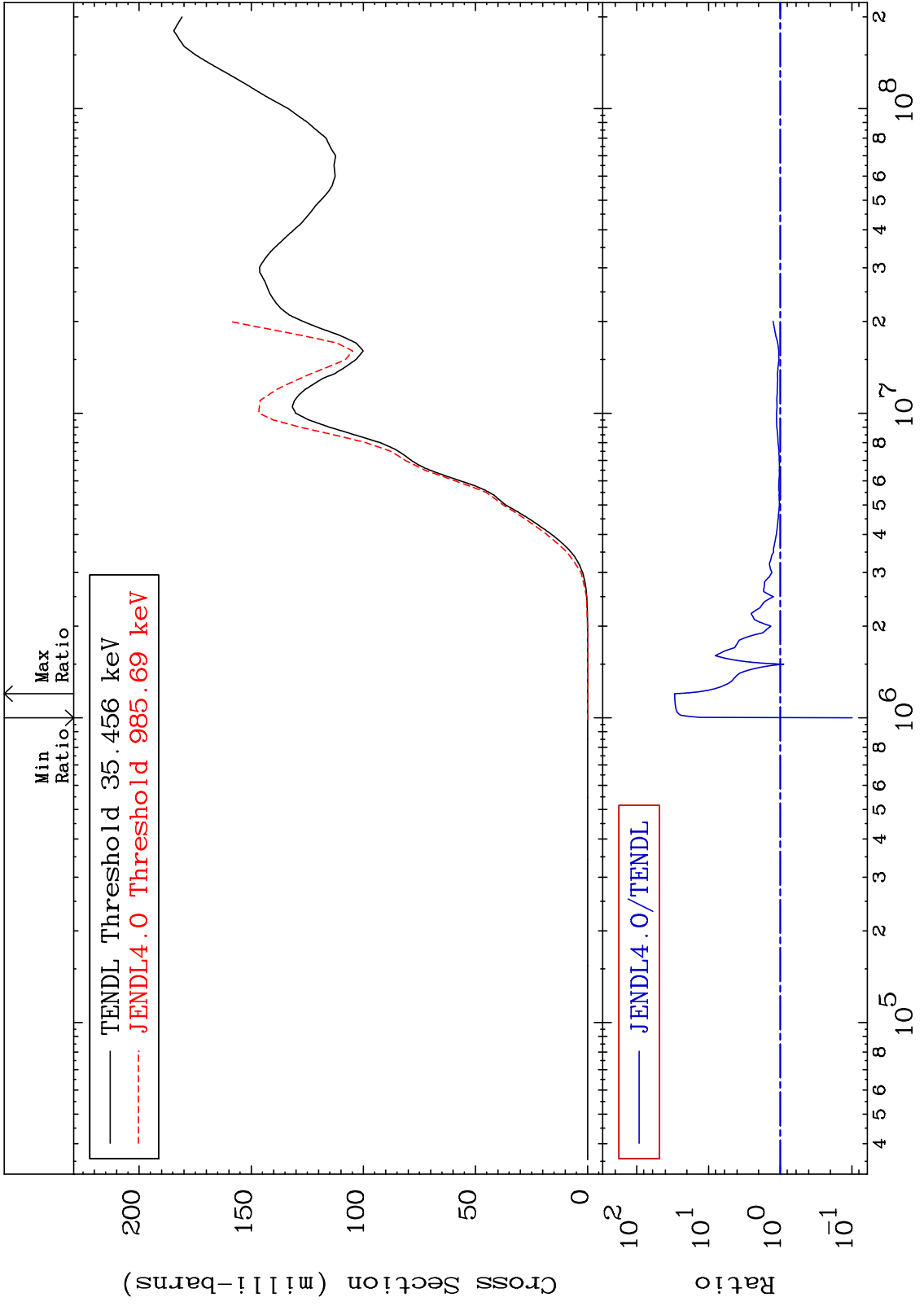
Incident Energy (eV)

14-Si-29

MAT 1428

He-4 Production  
Cross Section

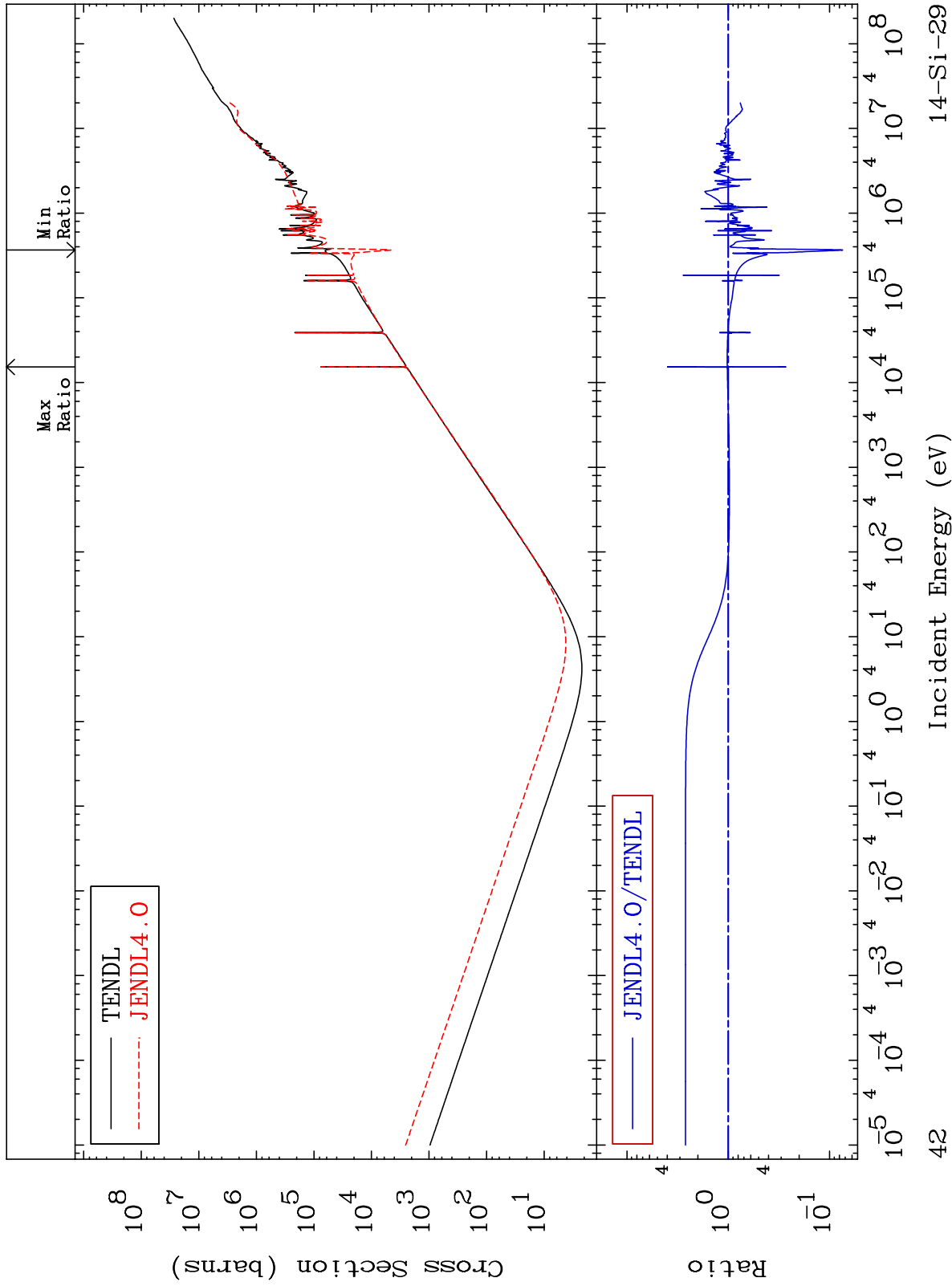
14-Si-29  
-90.06 To 2871. %



MAT 1428

Kerma total (eV-barns)  
Cross Section

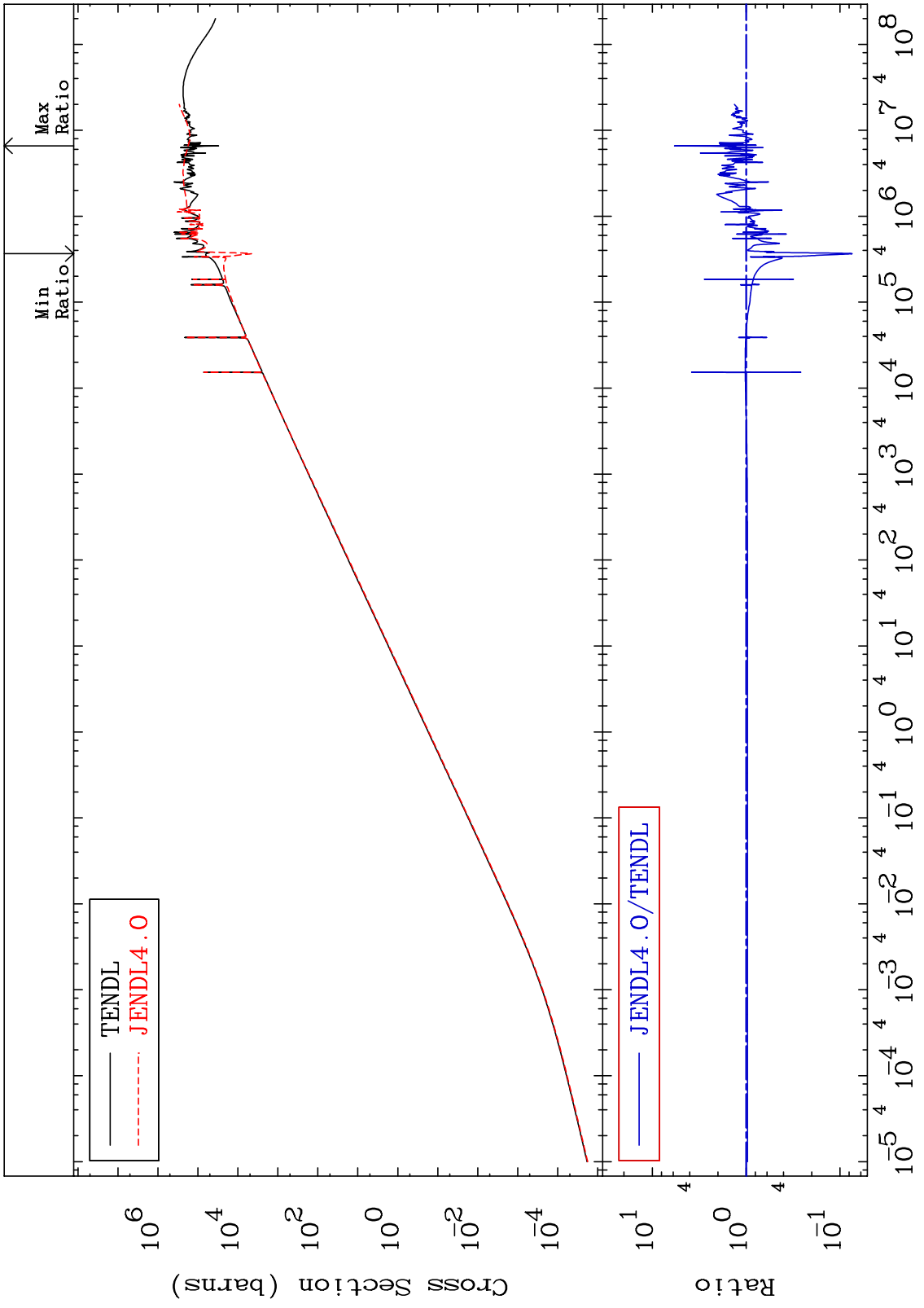
14-Si-29  
-92.57 To 297.6 %



MAT 1428

Kerma elastic  
Cross Section

14-Si-29  
-92.57 To 478.8 %



Incident Energy (eV)

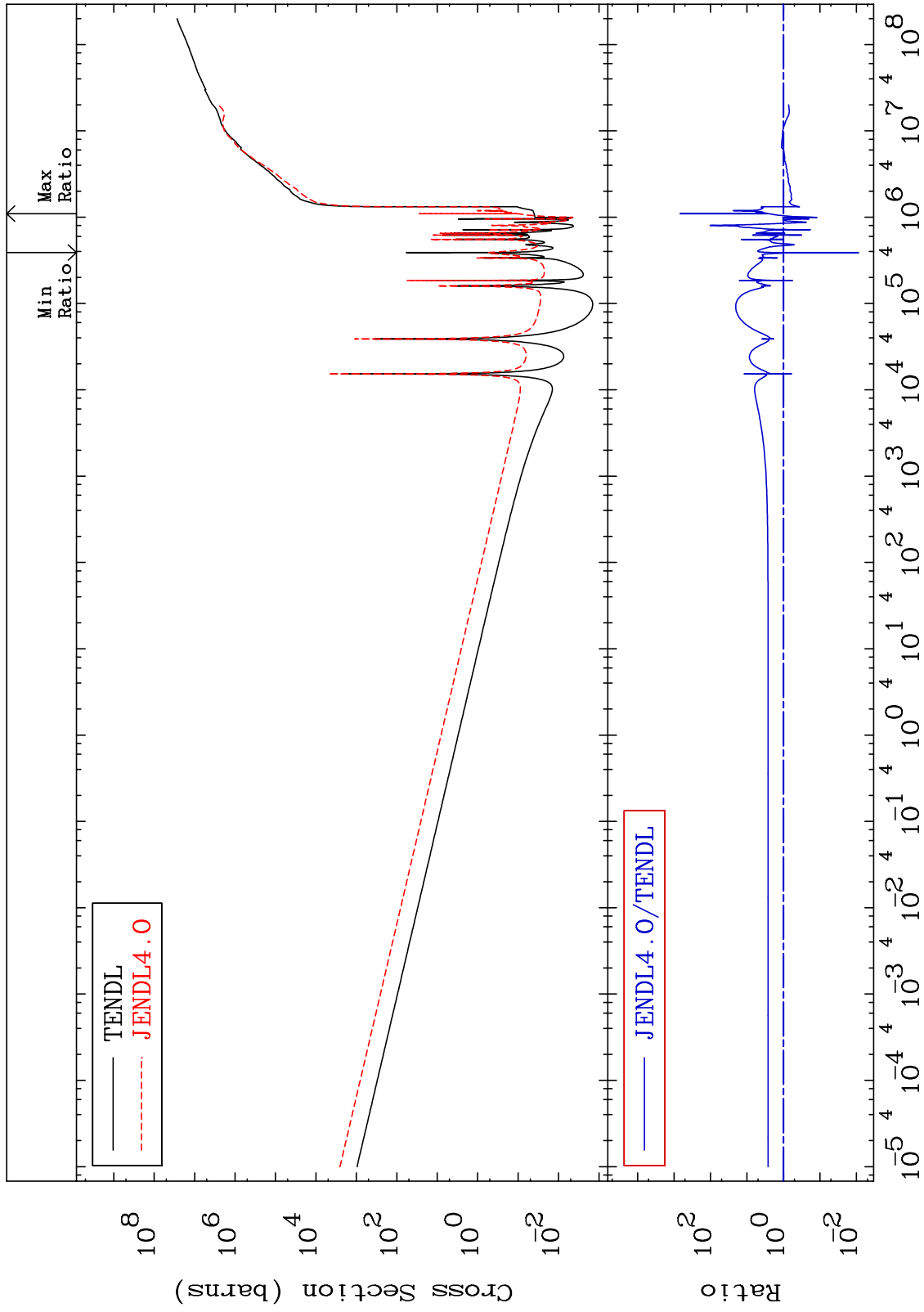
14-Si-29

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MAT 1428

Kerma non-elastic (all but mt2)  
Cross Section

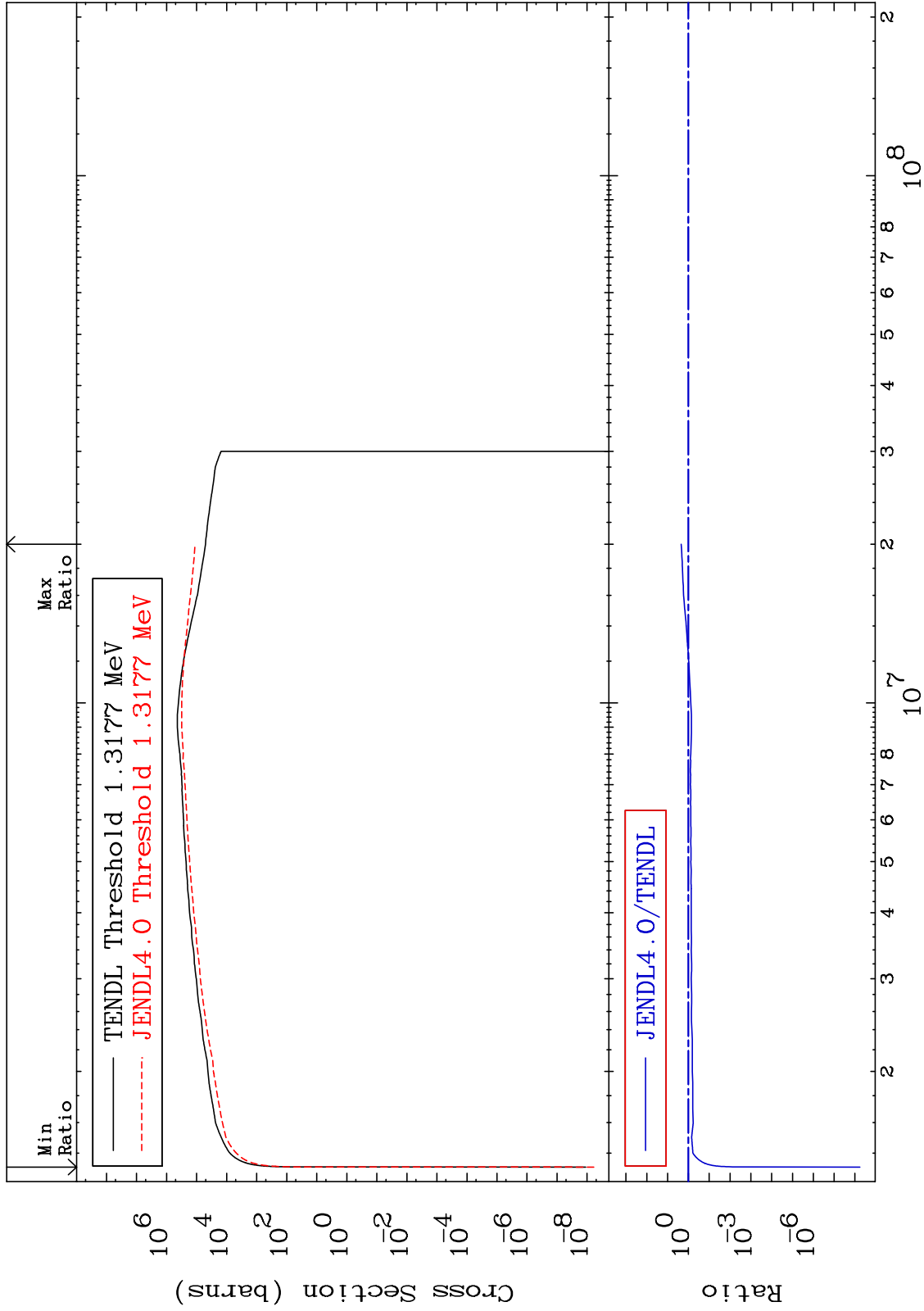
14-Si-29  
-99.12 To 9999. %



MAT 1428

Kerma inelastic (mt51-91)  
Cross Section

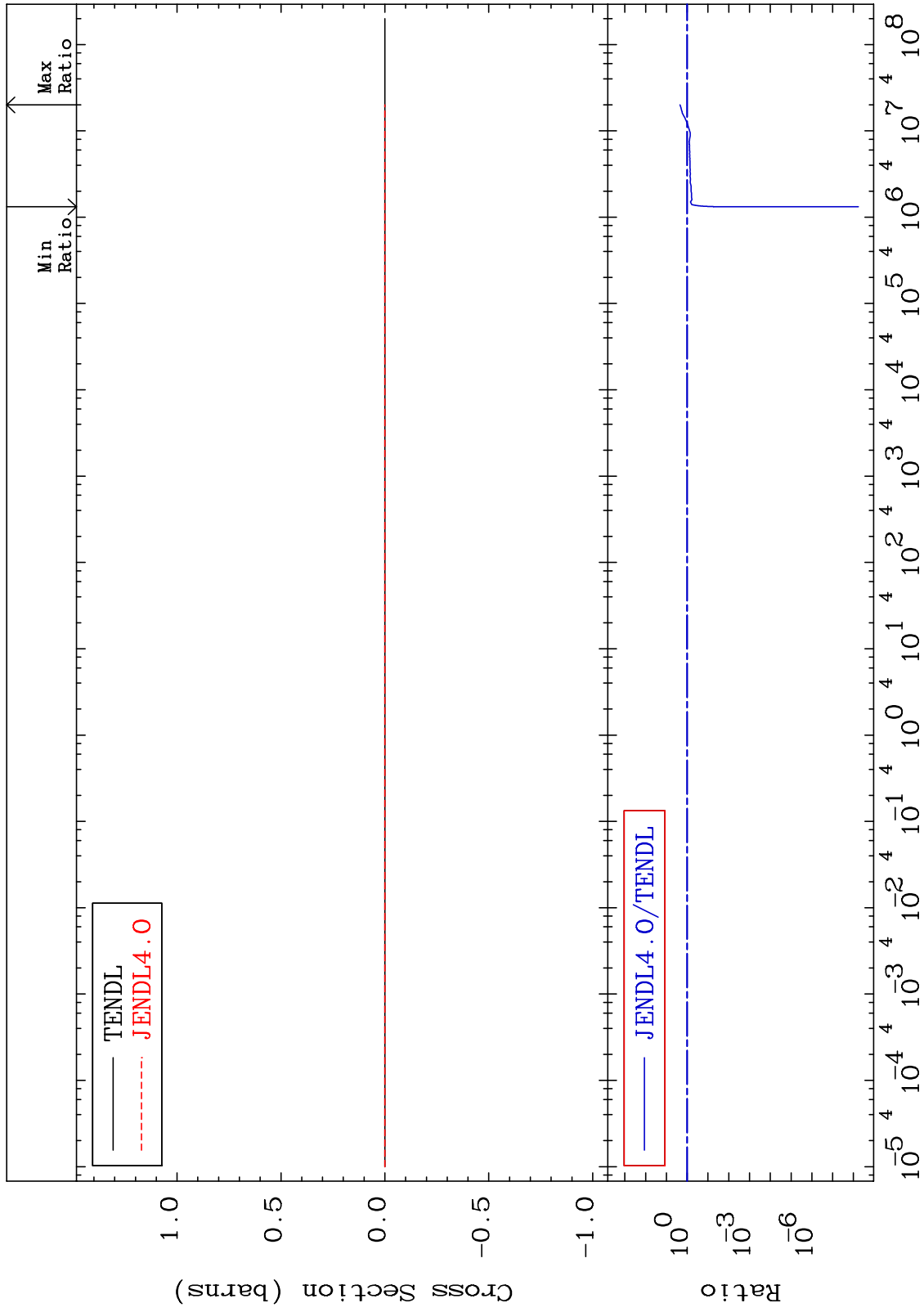
14-Si-29  
-100.0 To 121.5 %



MAT 1428

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

14-Si-29  
-100.0 To 121.5 %



46

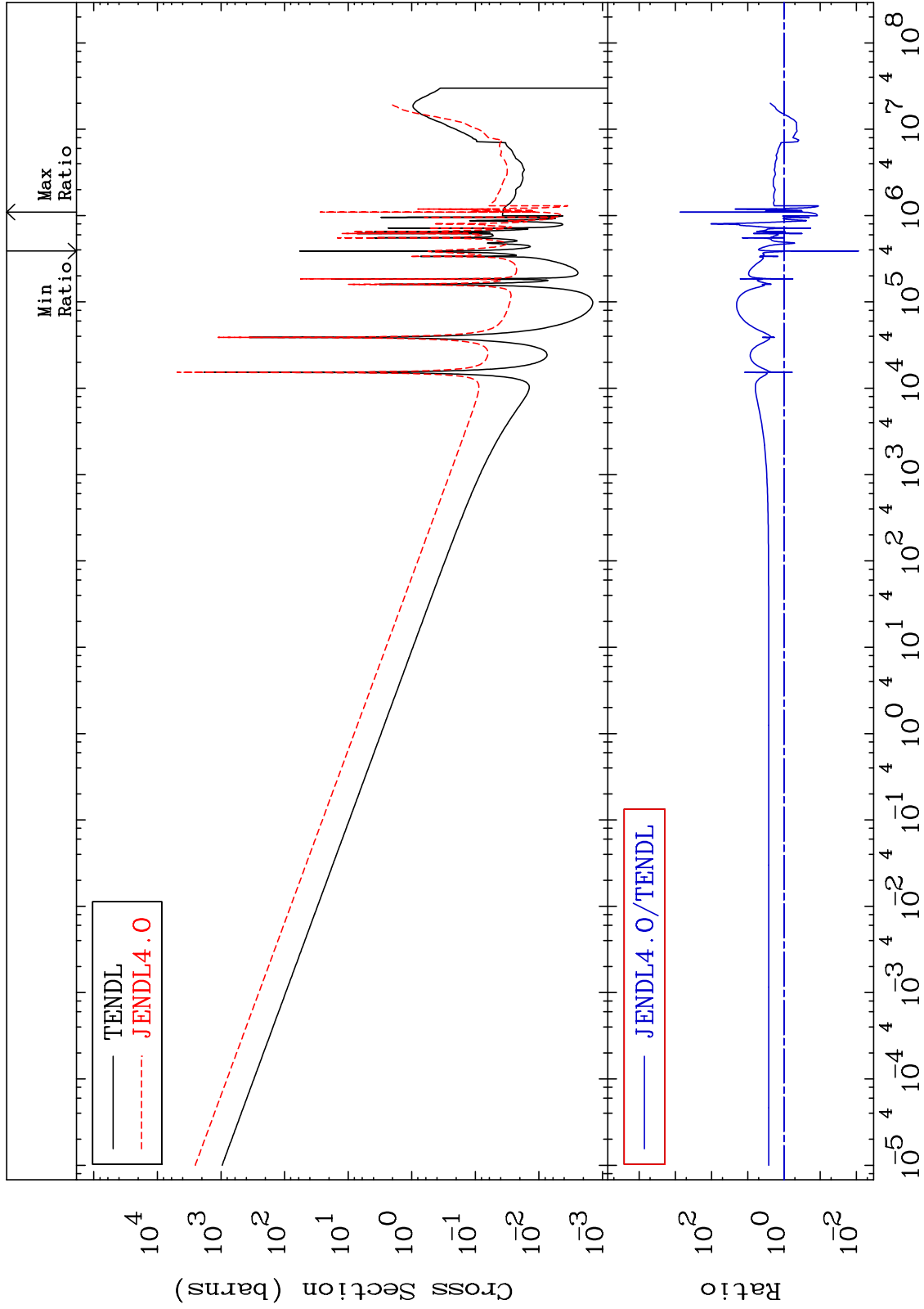
Incident Energy (eV)

14-Si-29

MAT 1428

Kerma capture (mt102)  
Cross Section

14-Si-29  
-99.12 To 9999. %



47

Incident Energy (eV)

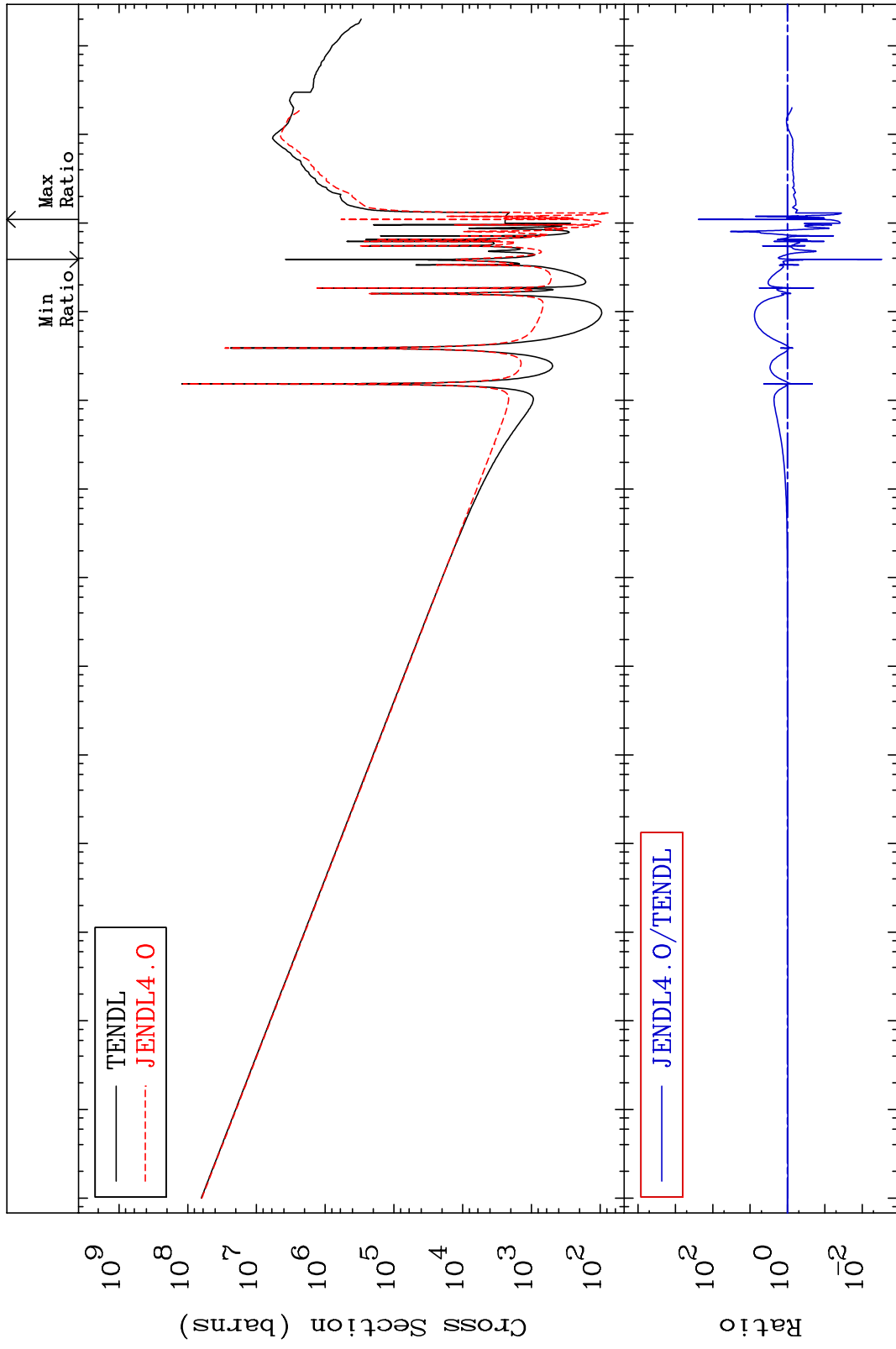
14-Si-29



MAT 1428

Total photon (eV-barns)  
Cross Section

14-Si-29  
-99.70 To 9999. %



48

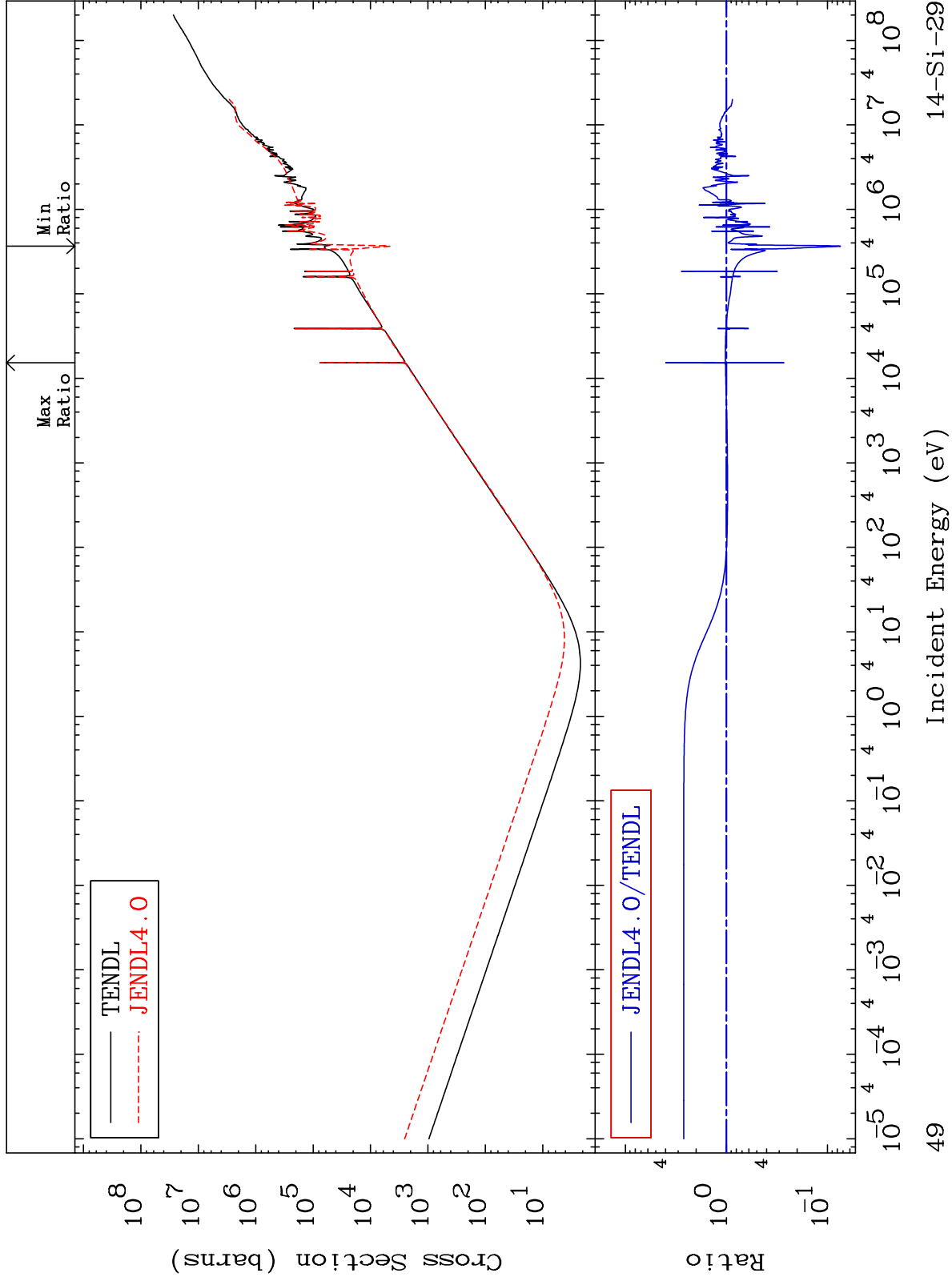
Incident Energy (eV)

14-Si-29

MAT 1428

Total kinematic kerma (high limit)  
Cross Section

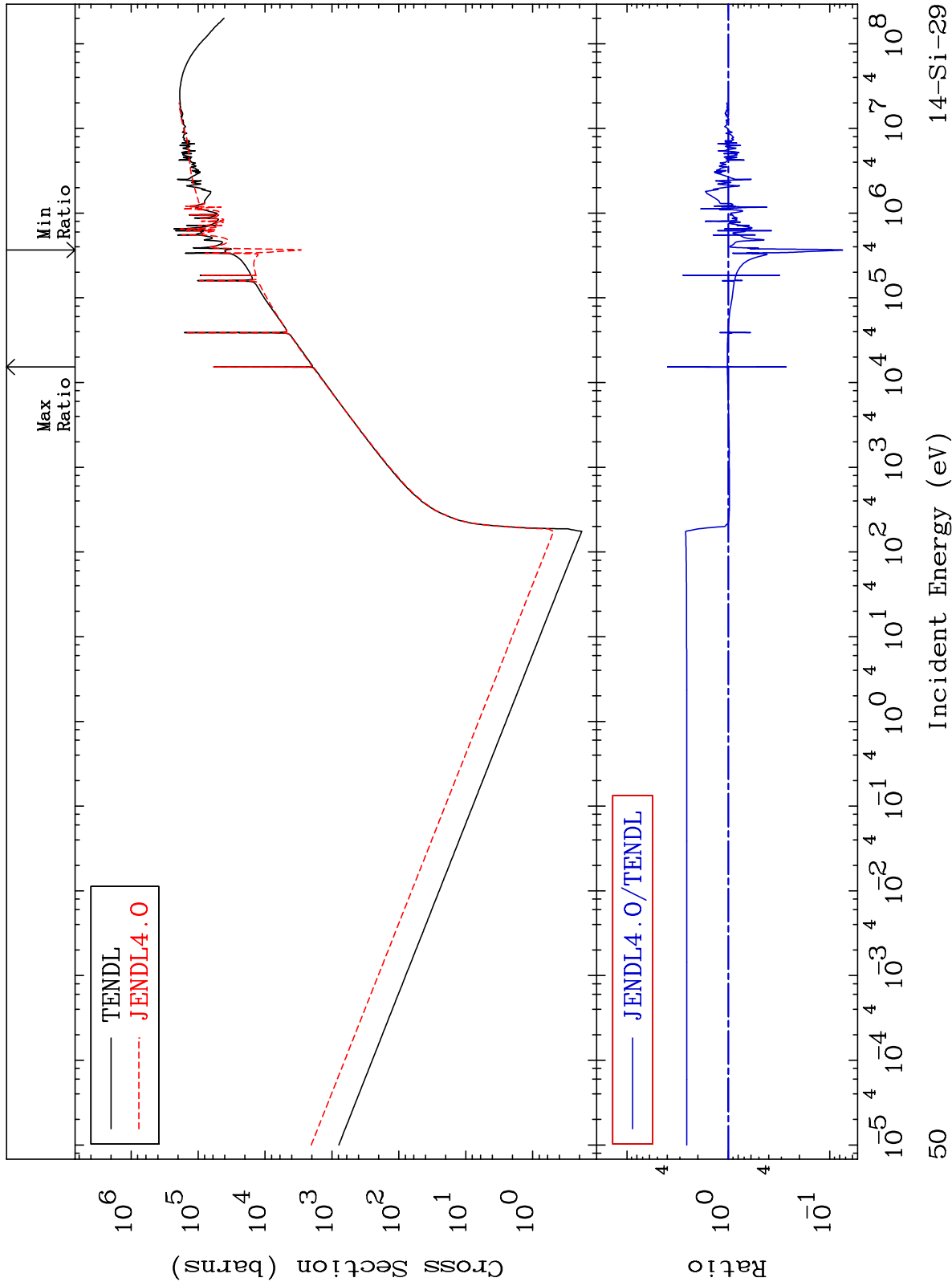
14-Si-29  
-92.57 To 297.6 %



MAT 1428

Dpa total (eV-barns)  
Cross Section

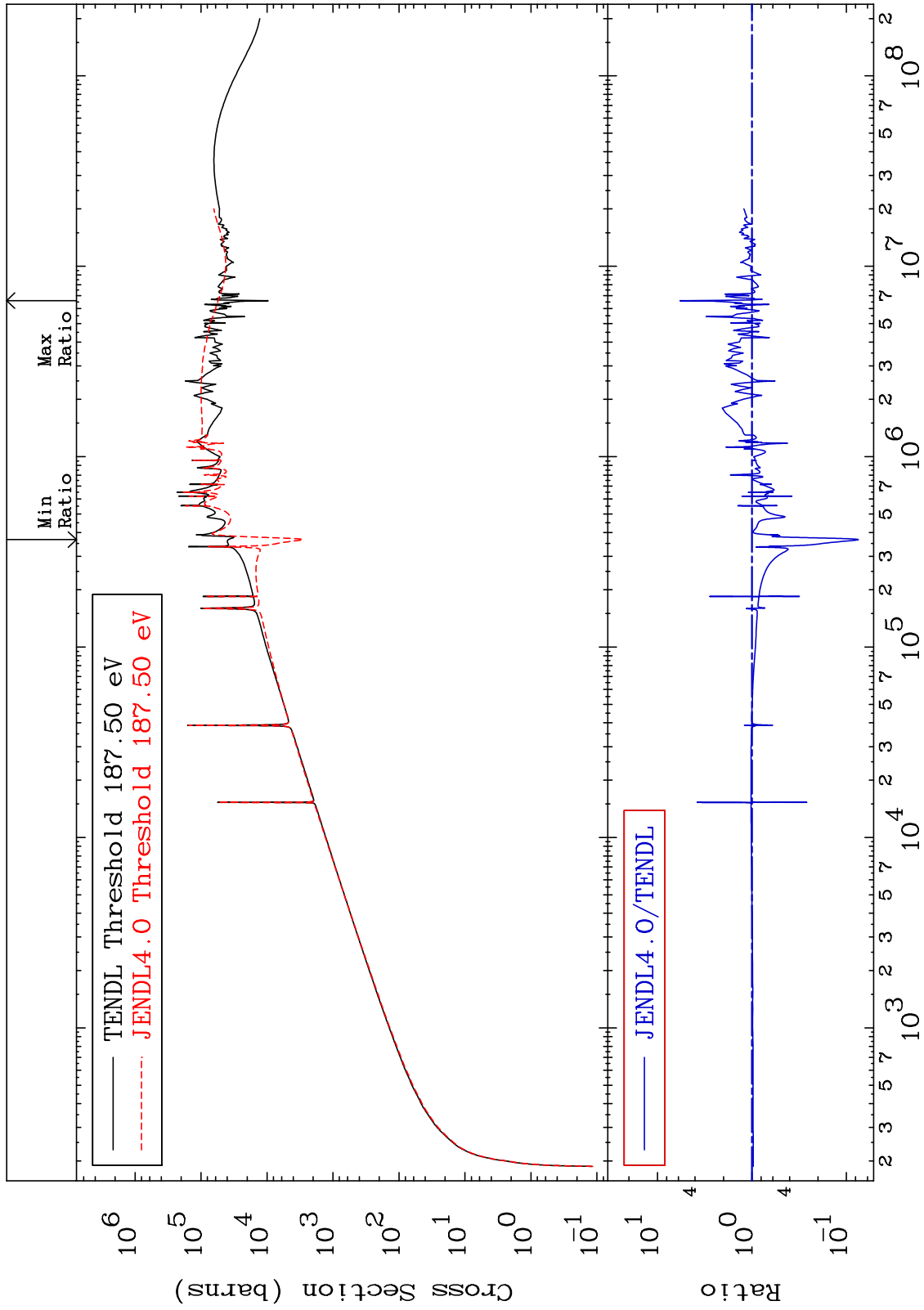
14-Si-29  
-92.52 To 297.8 %



MAT 1428

Dpa elastic (mt2)  
Cross Section

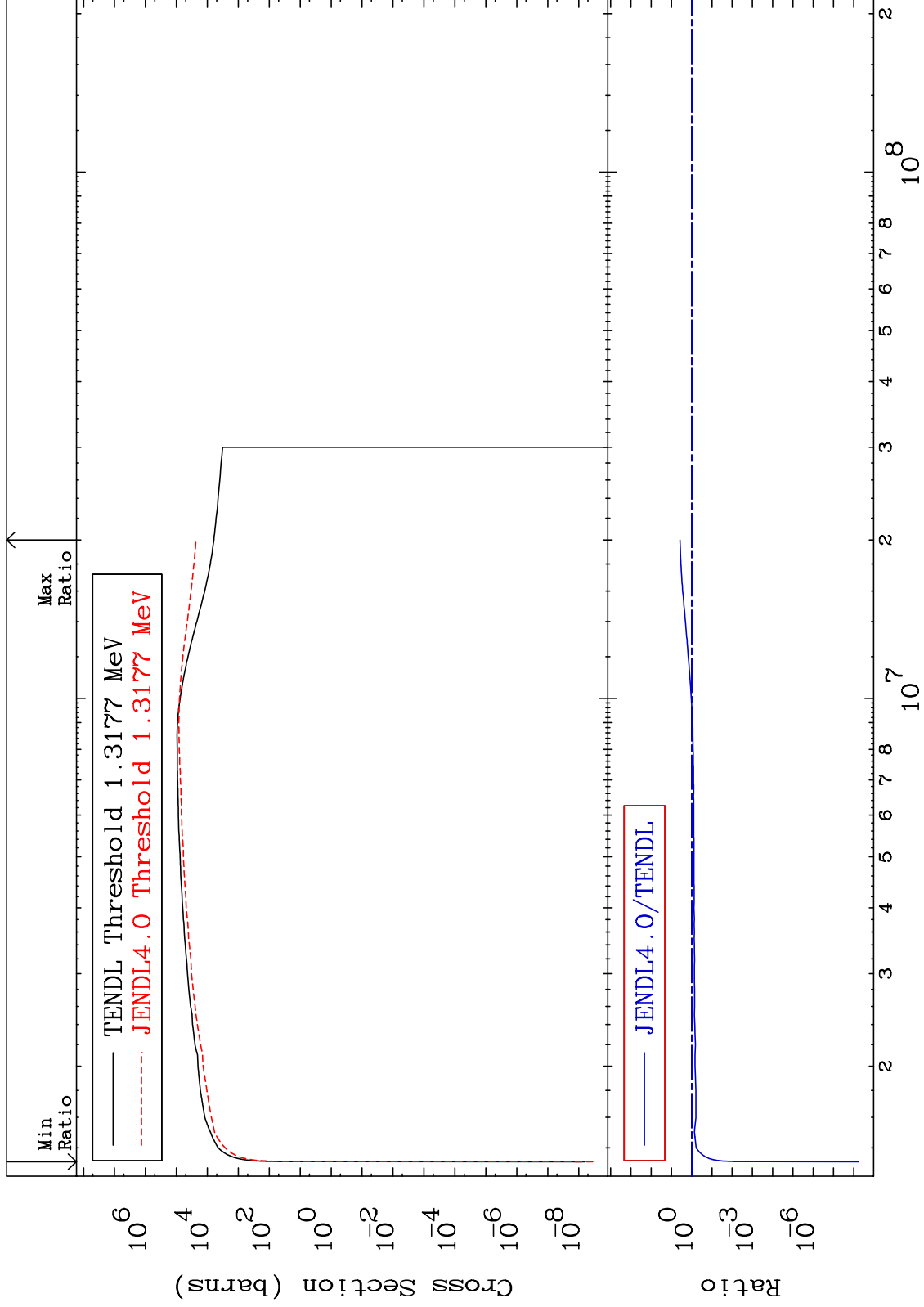
14-Si-29  
-92.52 To 476.2 %



MAT 1428

Dpa inelastic (mt51-91)  
Cross Section

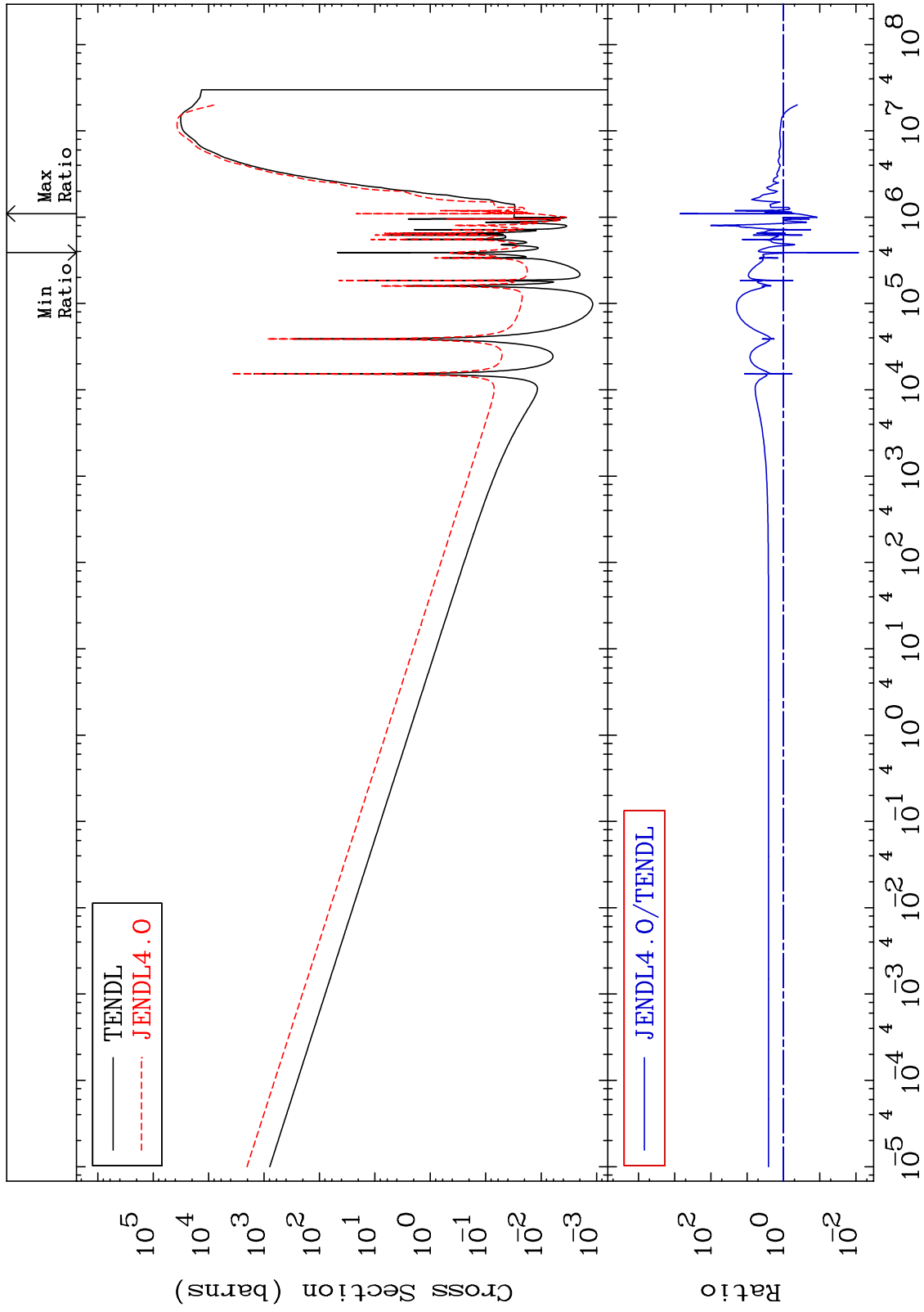
14-Si-29  
-100.0 To 275.0 %



MAT 1428

Dpa disappearance (mt102 -120)  
Cross Section

14-Si-29  
-99.14 To 9999. %



53

Incident Energy (eV)

14-Si-29