

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

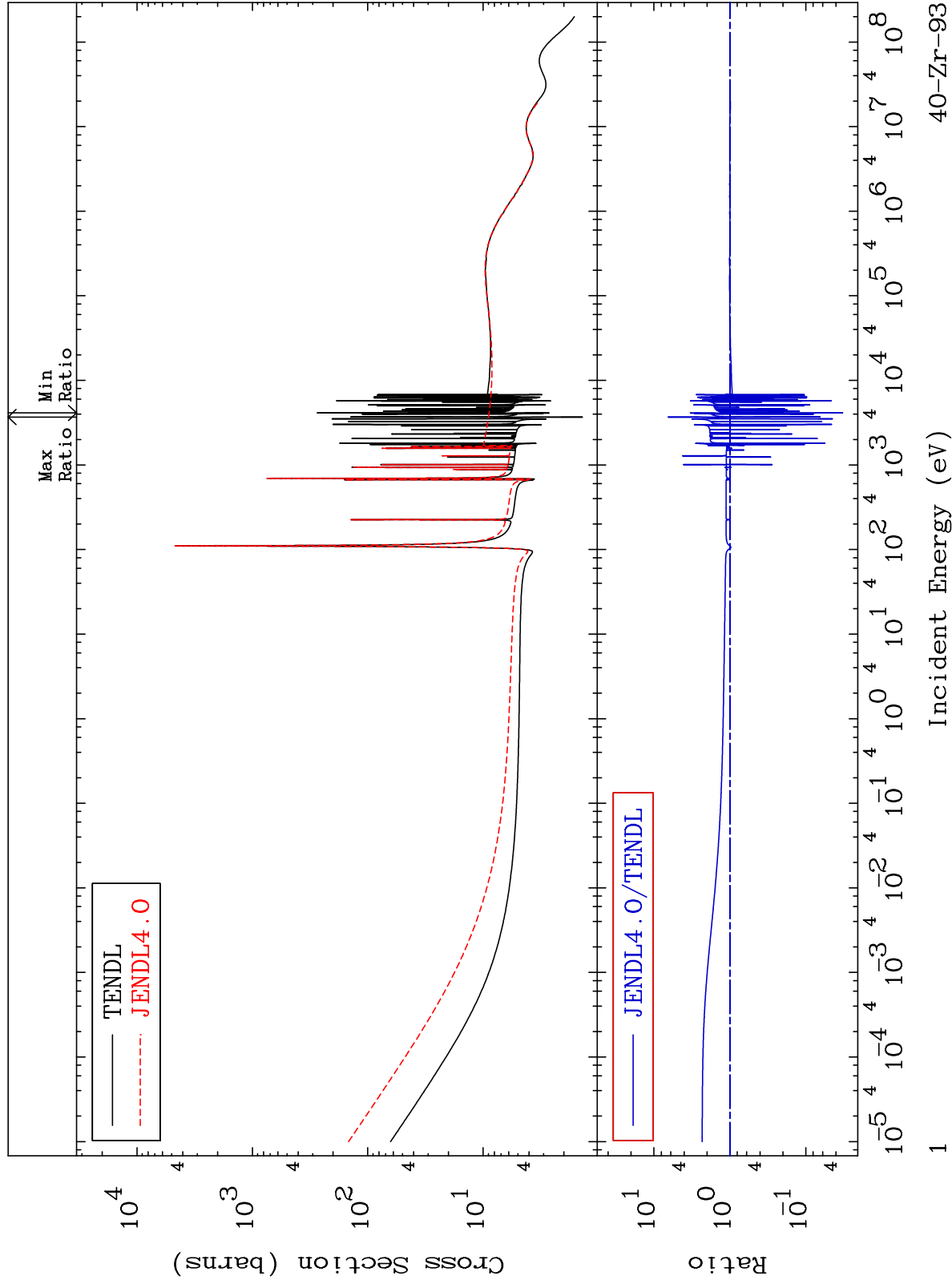
MAT 4034

Total

Cross Section

40-Zr-93

-96.75 To 551.5 %



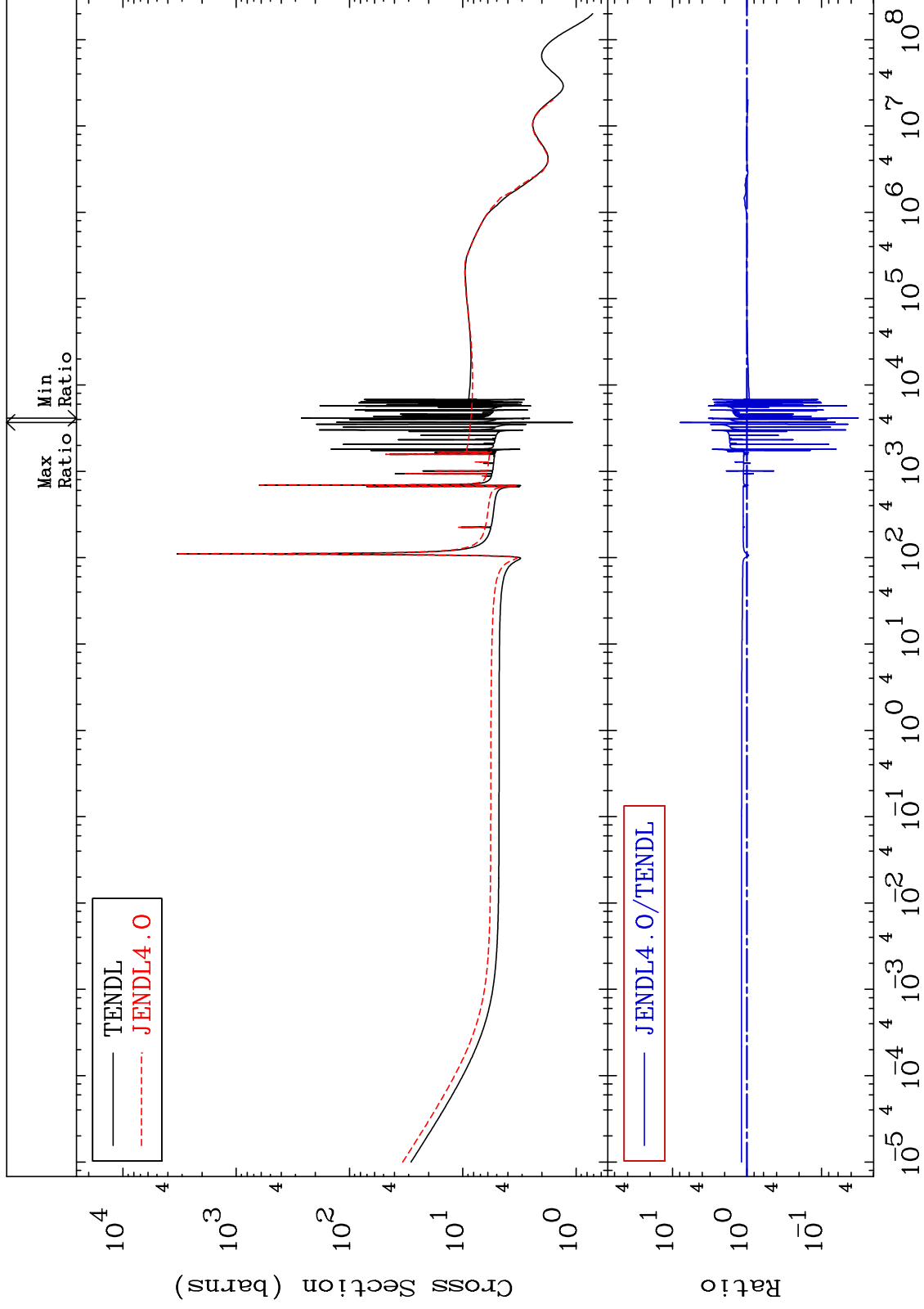
Incident Energy (eV)

40-Zr-93

MAT 4034

Elastic  
Cross Section

40-Zr-93  
-96.81 To 693.1 %



Incident Energy (eV)

40-Zr-93

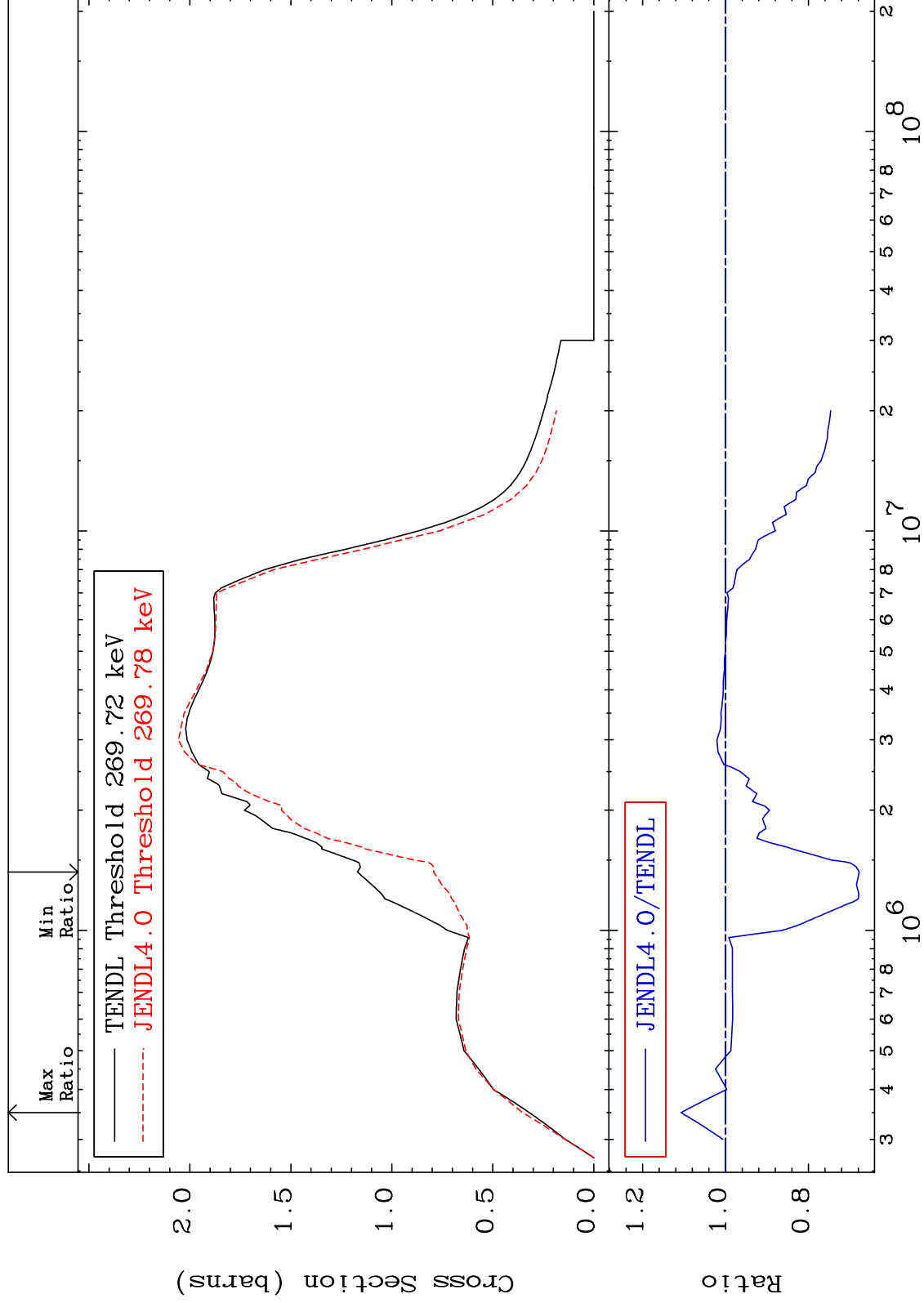
MAT 4034

Inelastic

40-Zr-93

Cross Section

-32.24 To 10.74 %



3

Incident Energy (eV)

40-Zr-93

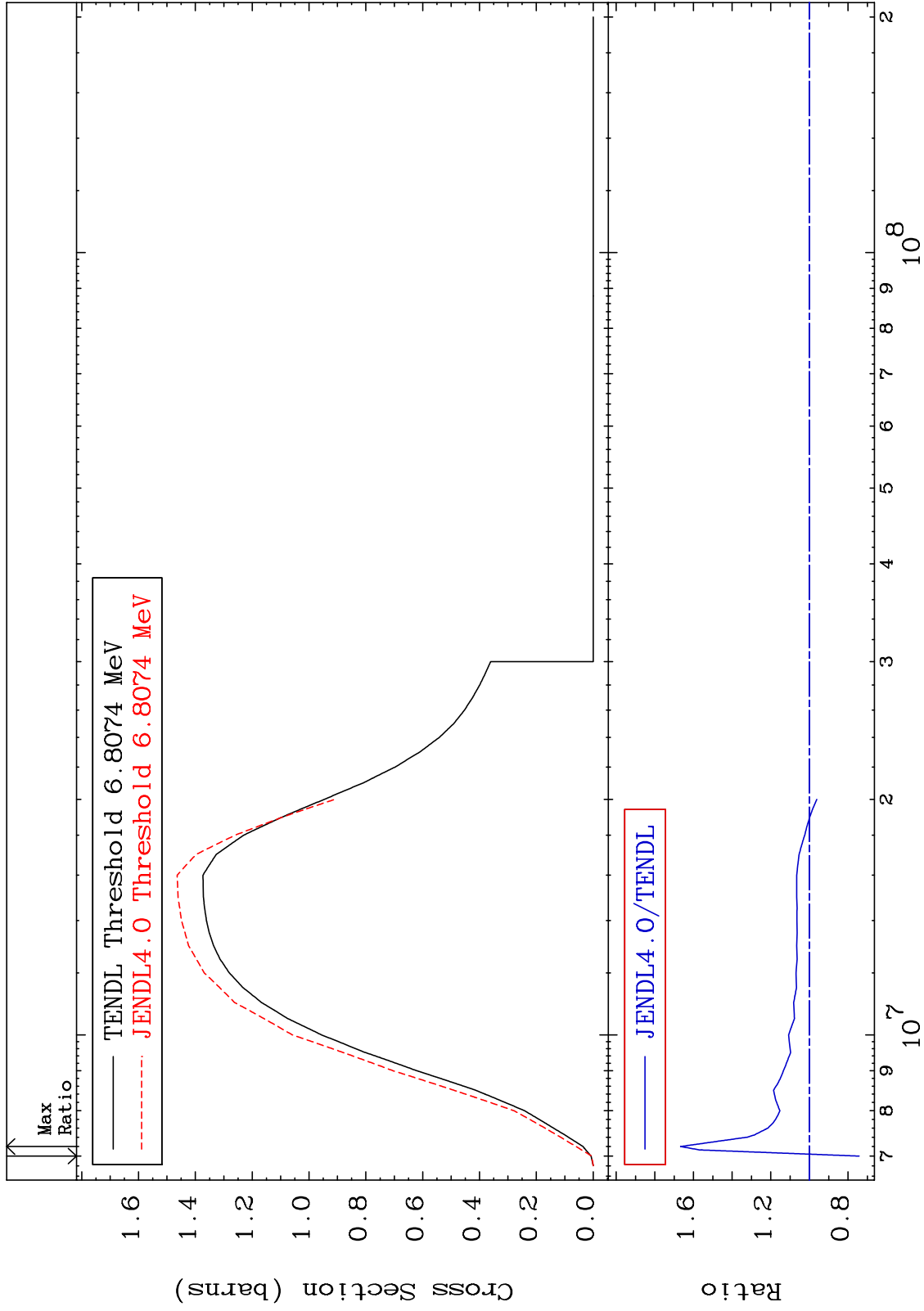
MAT 4034

(n,2n)

40-Zr-93

Cross Section

-25.78 To 66.66 %



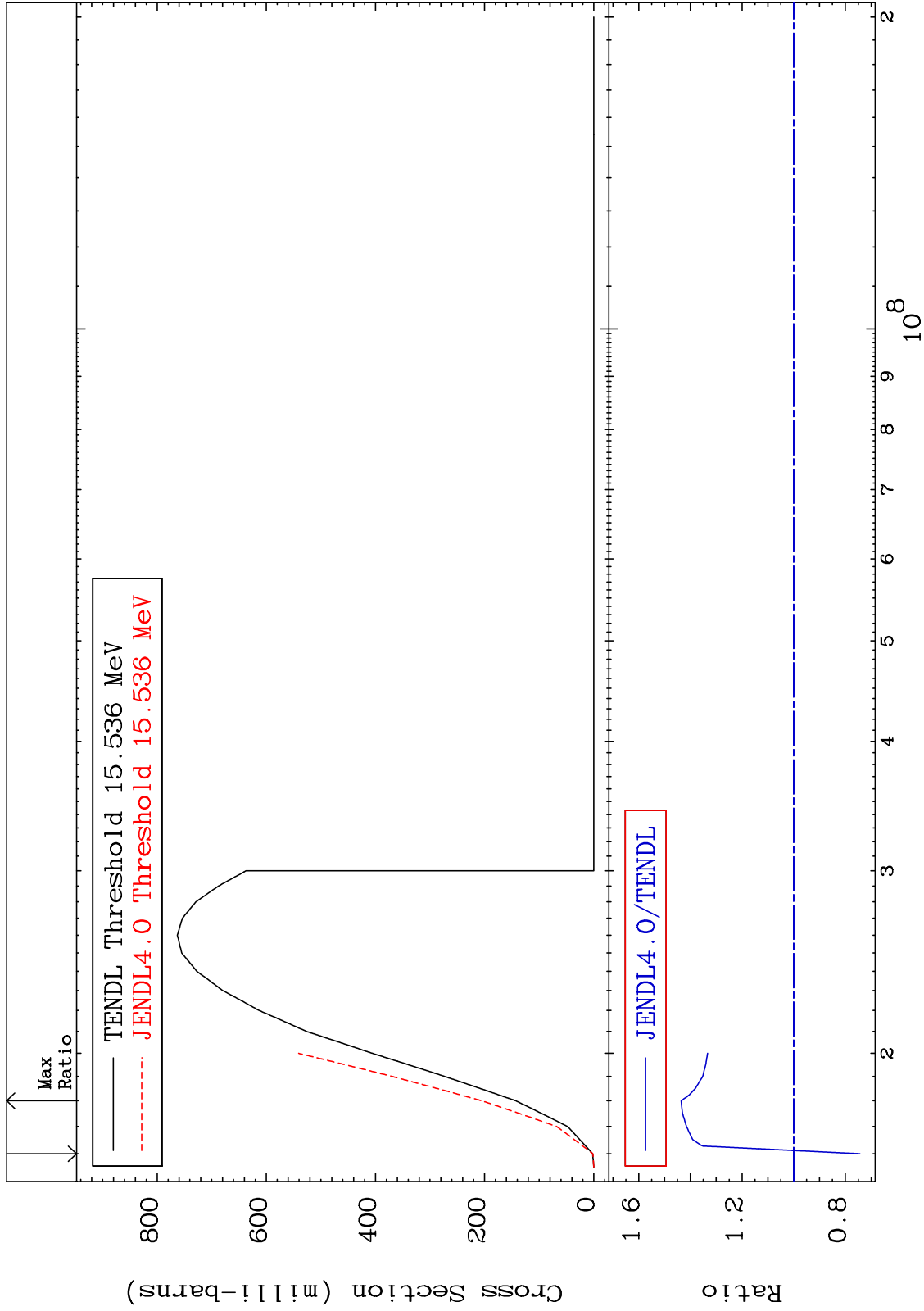
MAT 4034

(n, 3n)

40-Zr-93

Cross Section

-25.64 To 43.54 %



5

Incident Energy (eV)

40-Zr-93

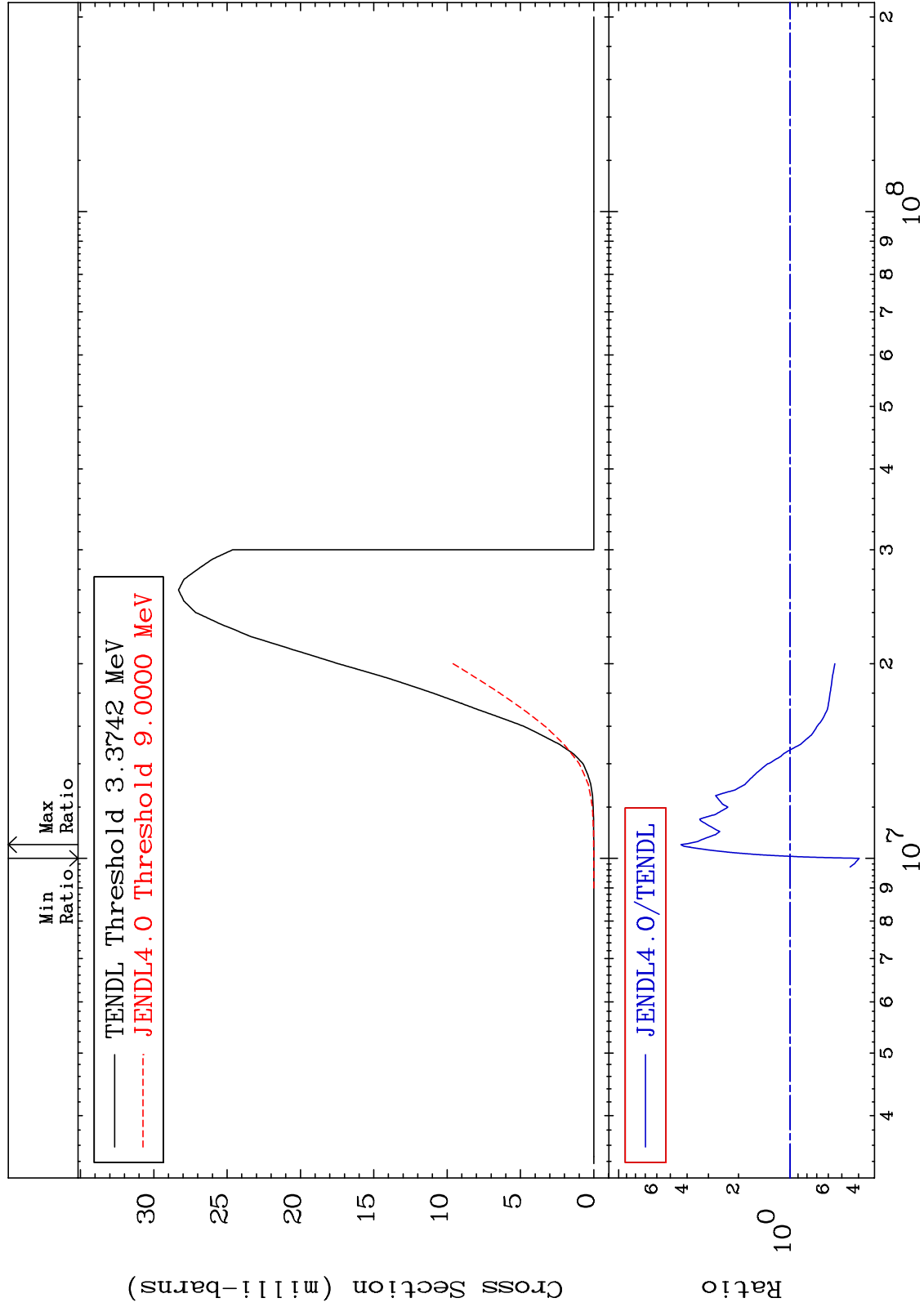
MAT 4034

(n, n')  $\alpha$

40-Zr-93

Cross Section

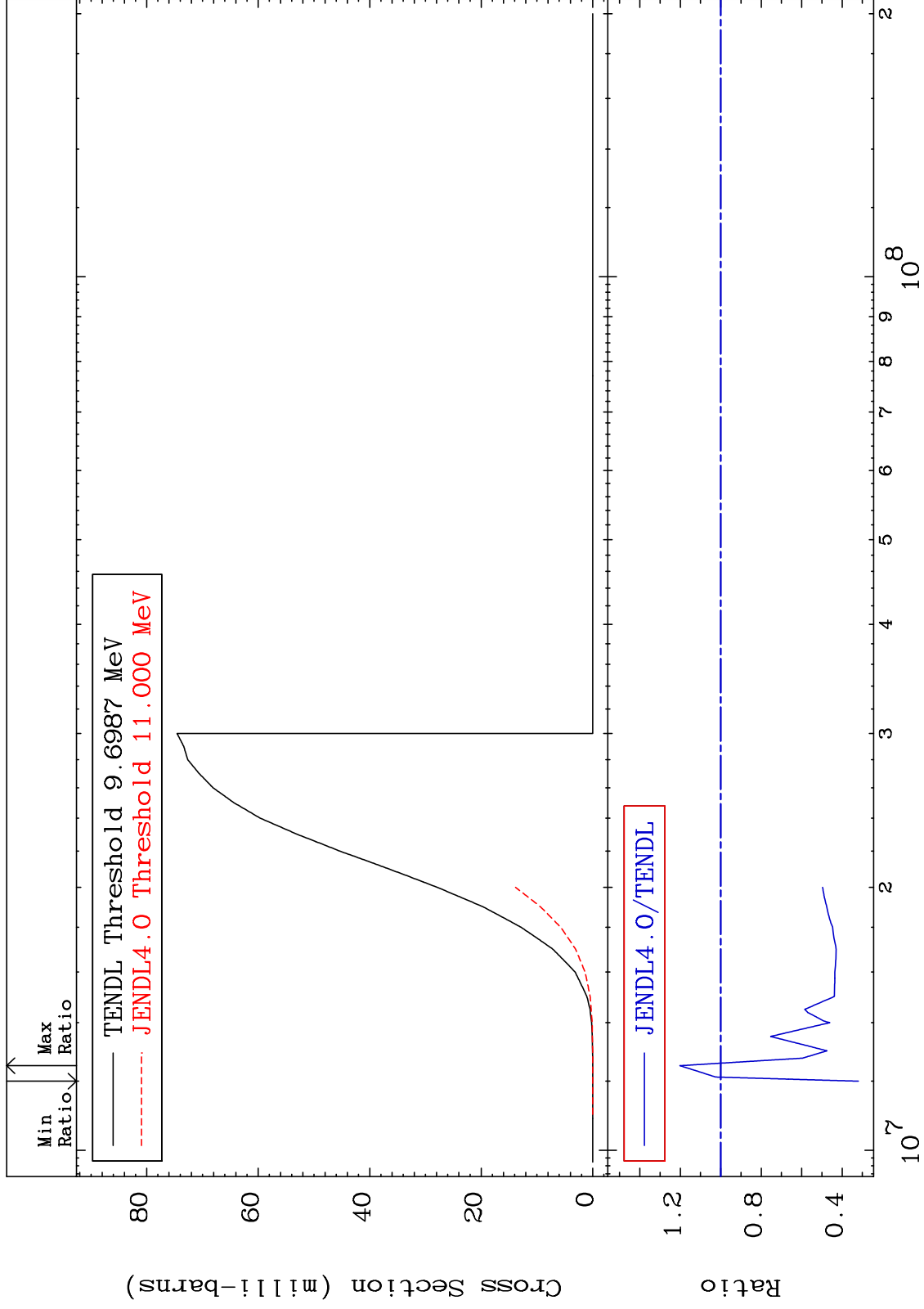
-60.43 To 333.2 %



MAT 4034

(n,n') p  
Cross Section

40-Zr-93  
-68.05 To 20.15 %



40-Zr-93



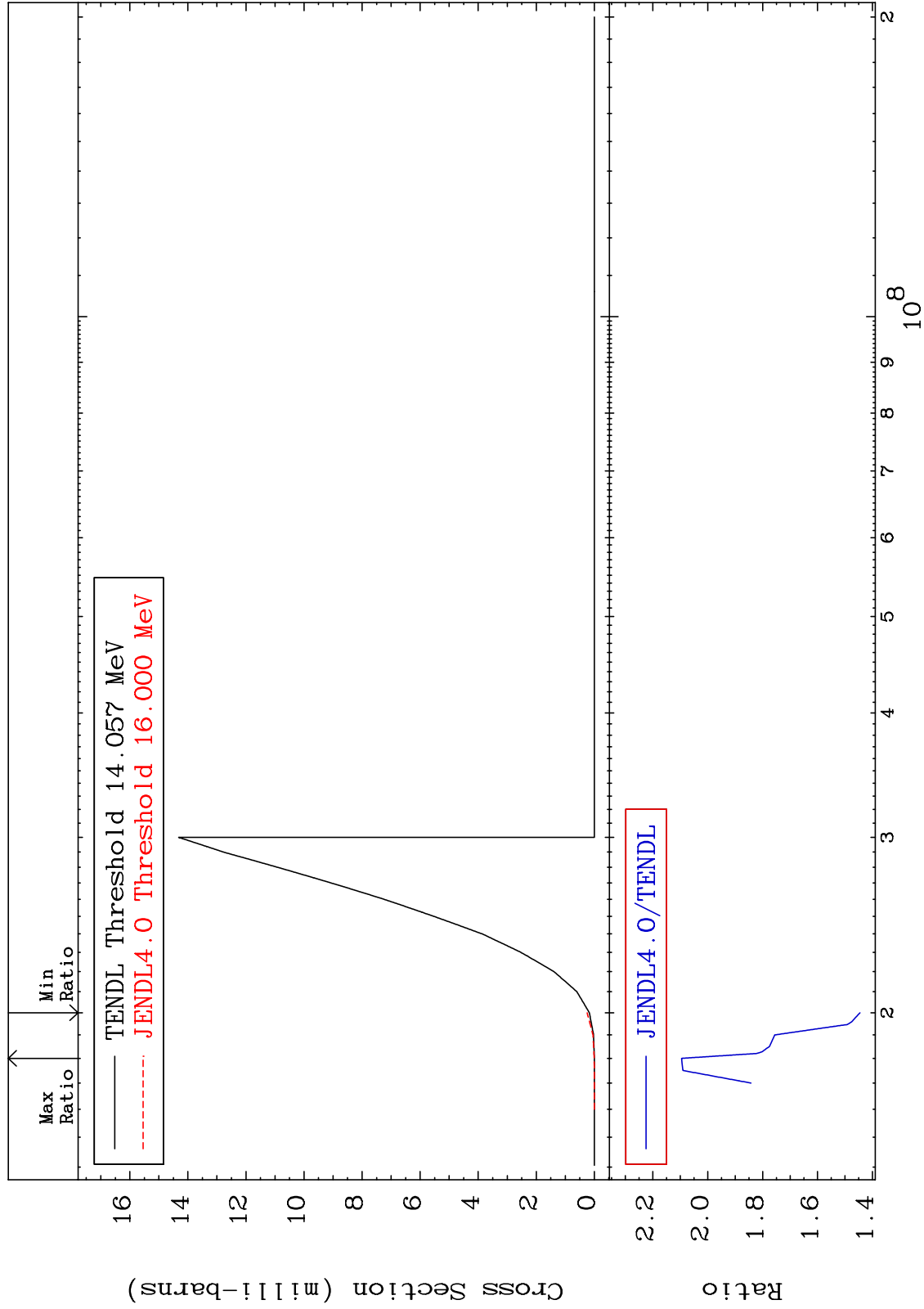
MAT 4034

(n, n') d

40-Zr-93

Cross Section

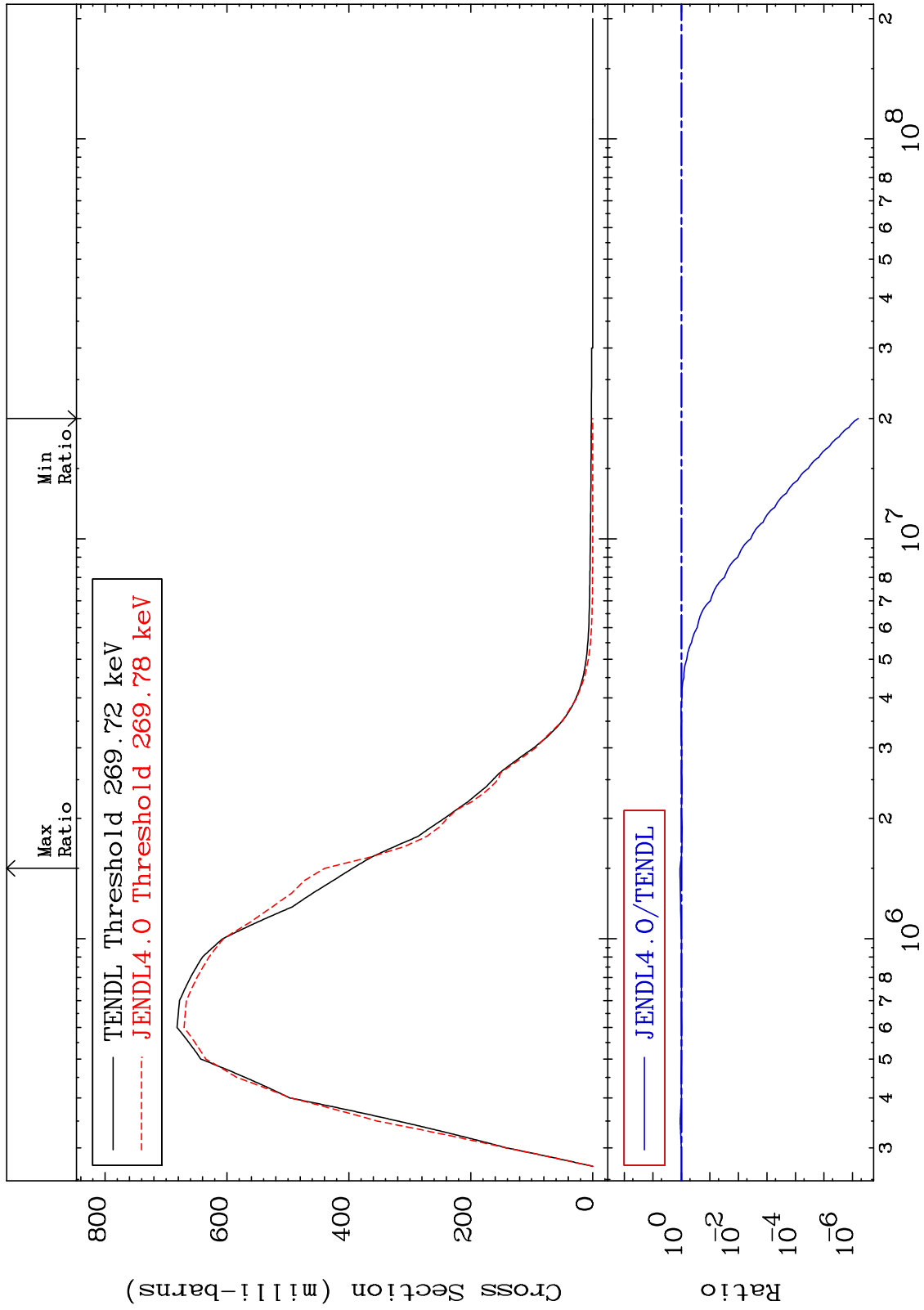
44.53 To 109.5 %



MAT 4034

MT= 51 (n,n') Level  
Cross Section

40-Zr-93  
-100.0 To 11.57 %



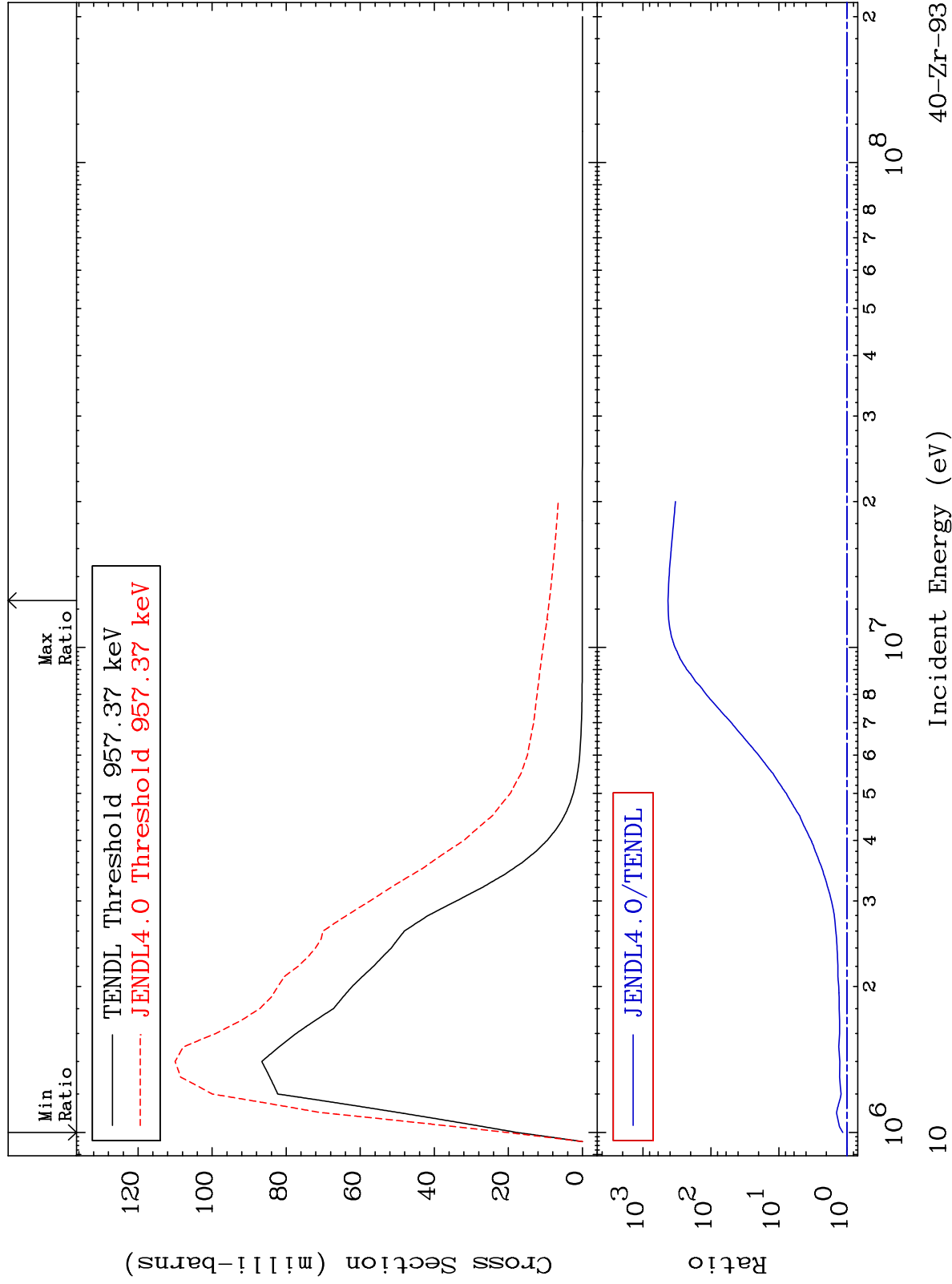
MAT 4034

MT= 52 (n,n') Level

40-Zr-93

14.69 To 9999. %

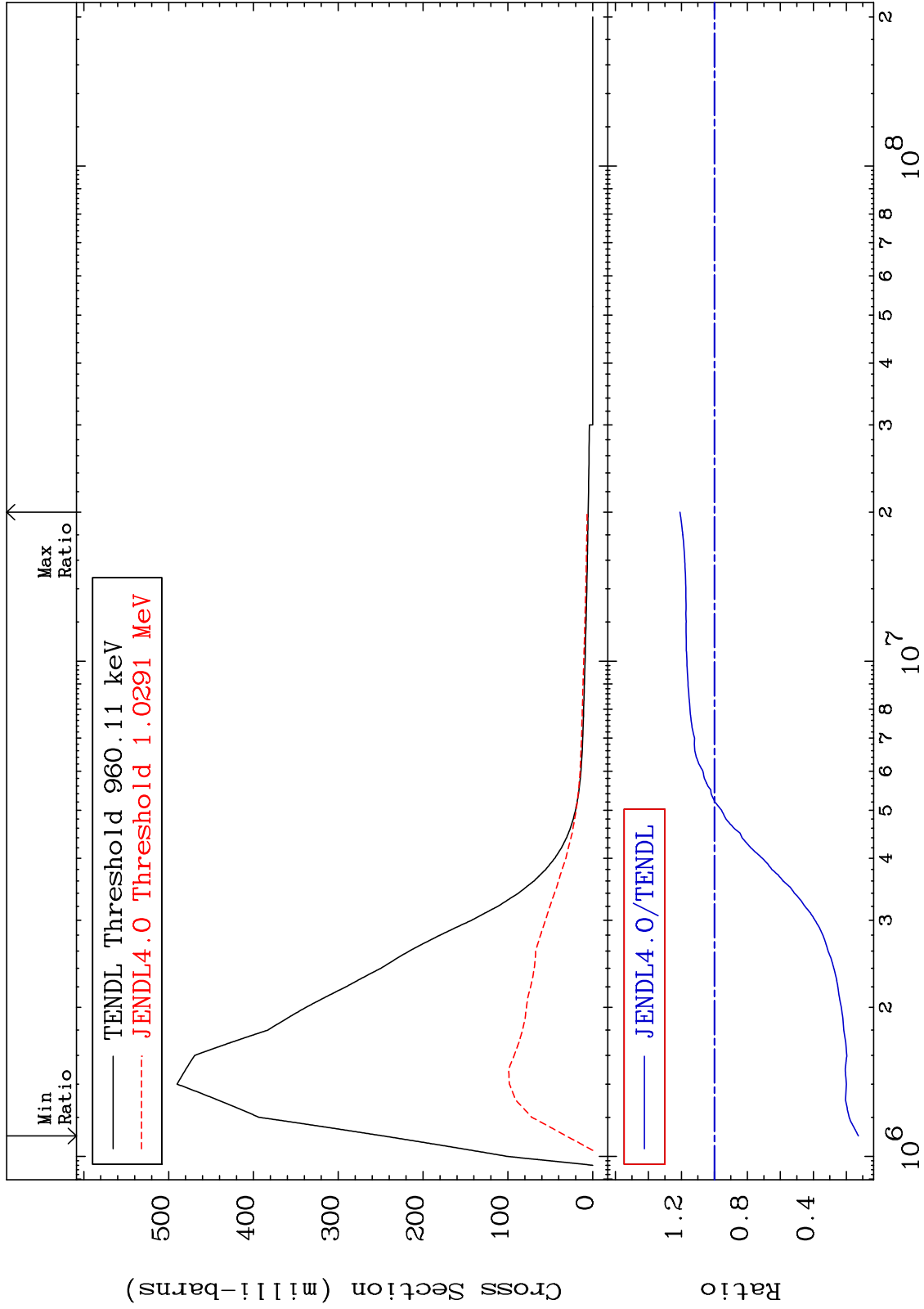
Cross Section



MAT 4034

MT= 53 (n, n') Level  
Cross Section

40-Zr-93  
-87.32 To 20.83 %



11

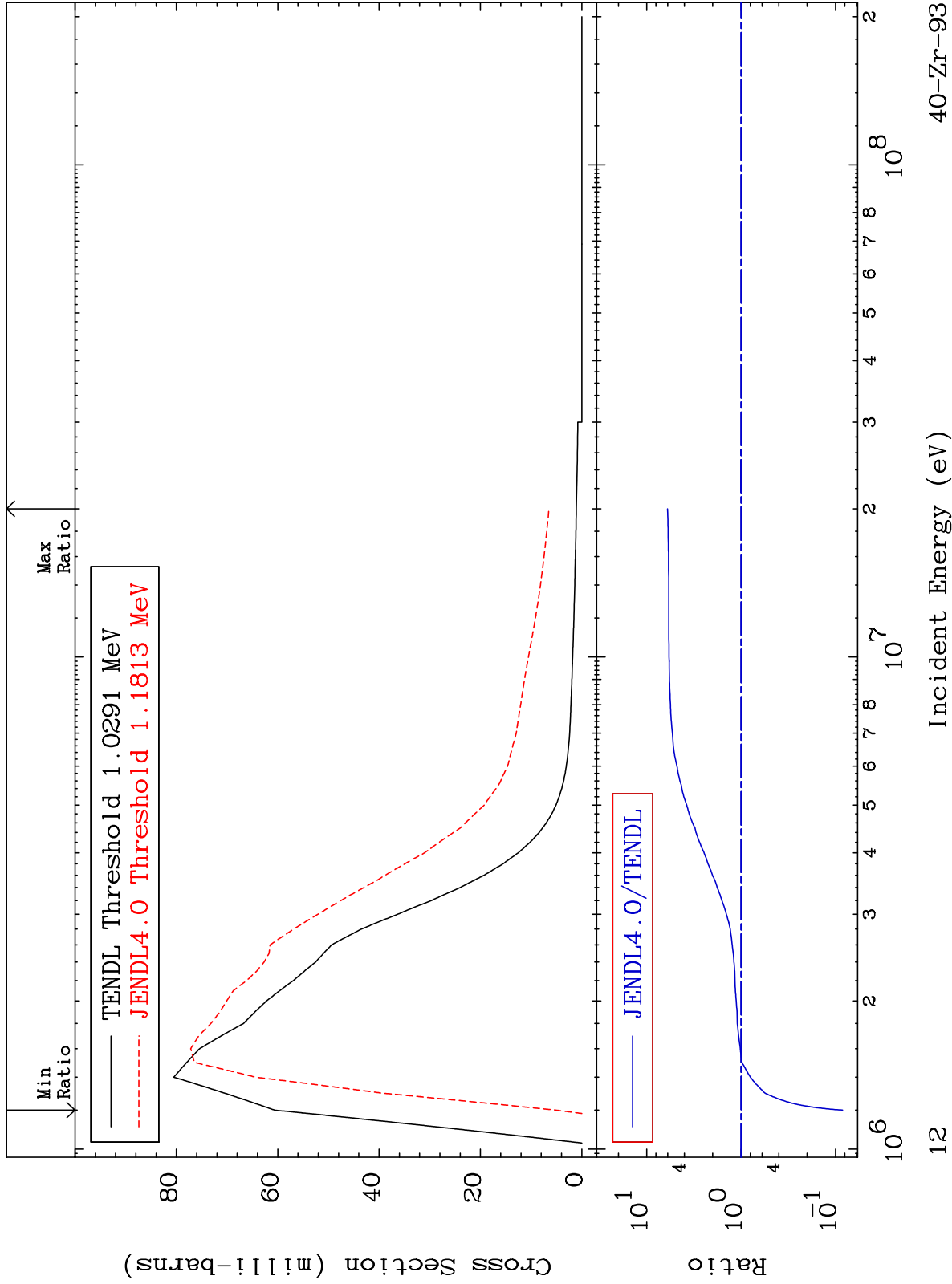
Incident Energy (eV)

40-Zr-93

MAT 4034

MT= 54 (n, n') Level  
Cross Section

40-Zr-93  
-91.60 To 502.7 %



40-Zr-93

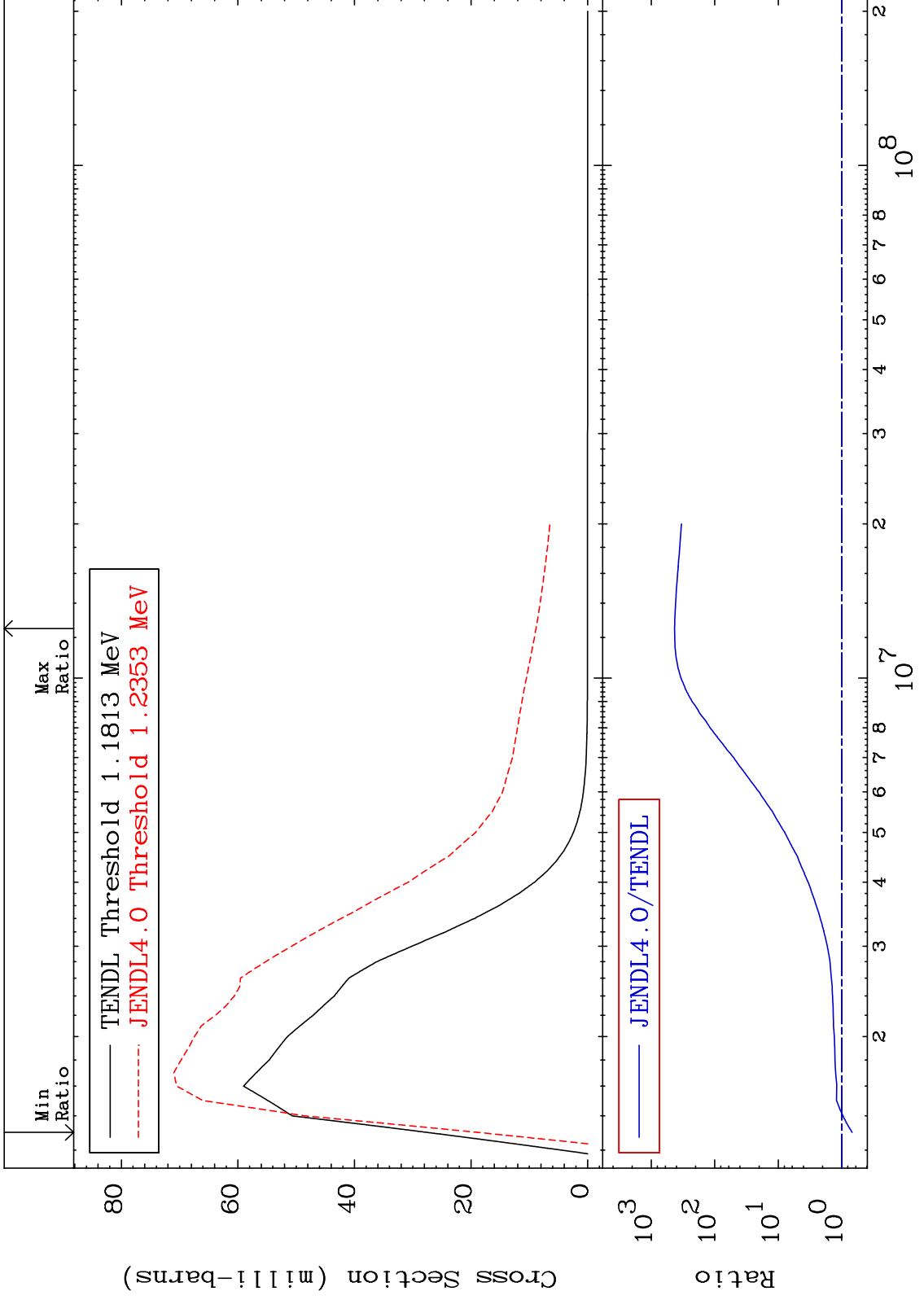
Incident Energy (eV)

12

MAT 4034

MT= 55 (n,n') Level  
Cross Section

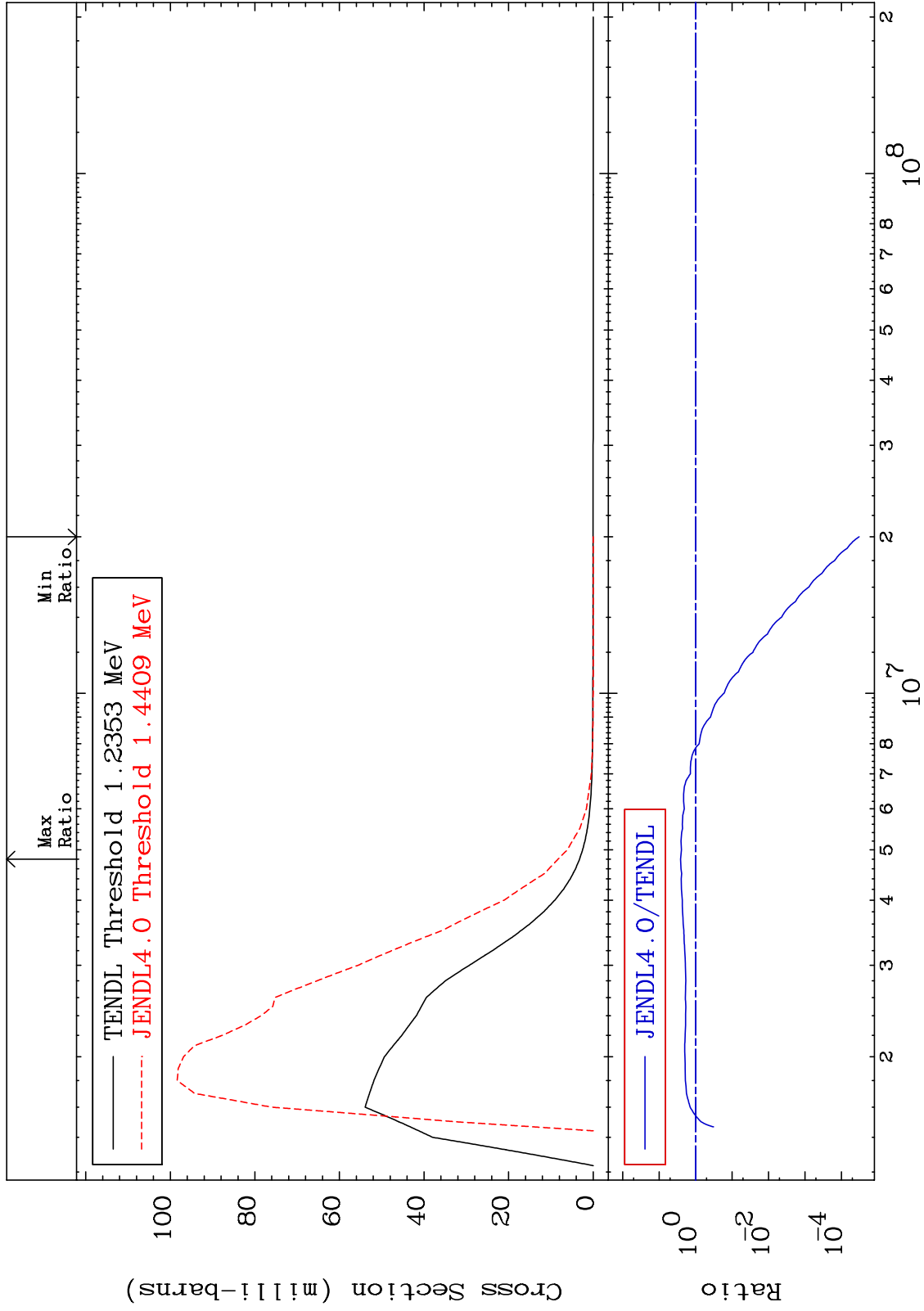
40-Zr-93  
-31.63 To 9999. %



MAT 4034

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

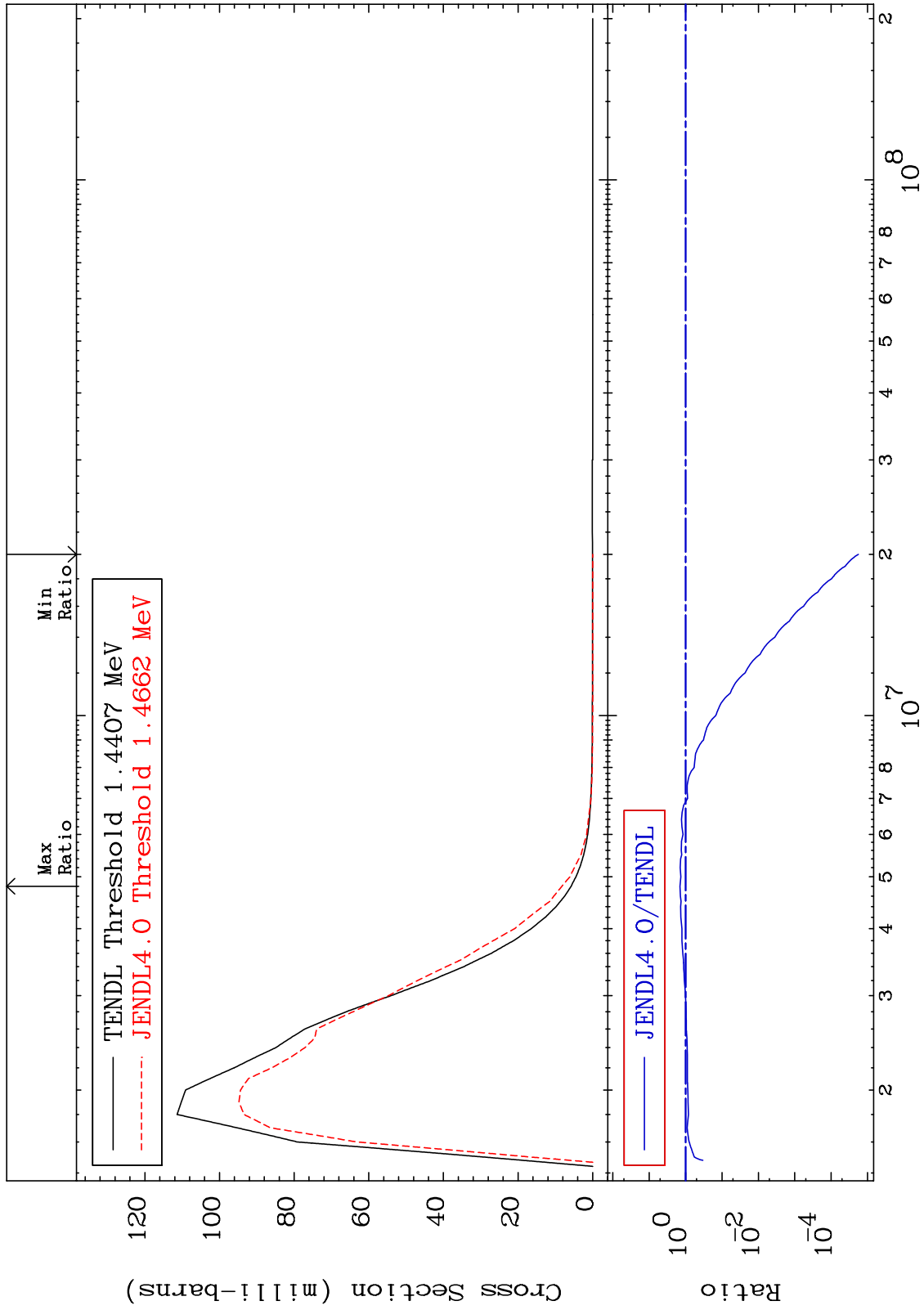
40-Zr-93  
-100.0 To 157.3 %



MAT 4034

MT= 57 (n, n') Level  
Cross Section

40-Zr-93  
-100.0 To 42.43 %

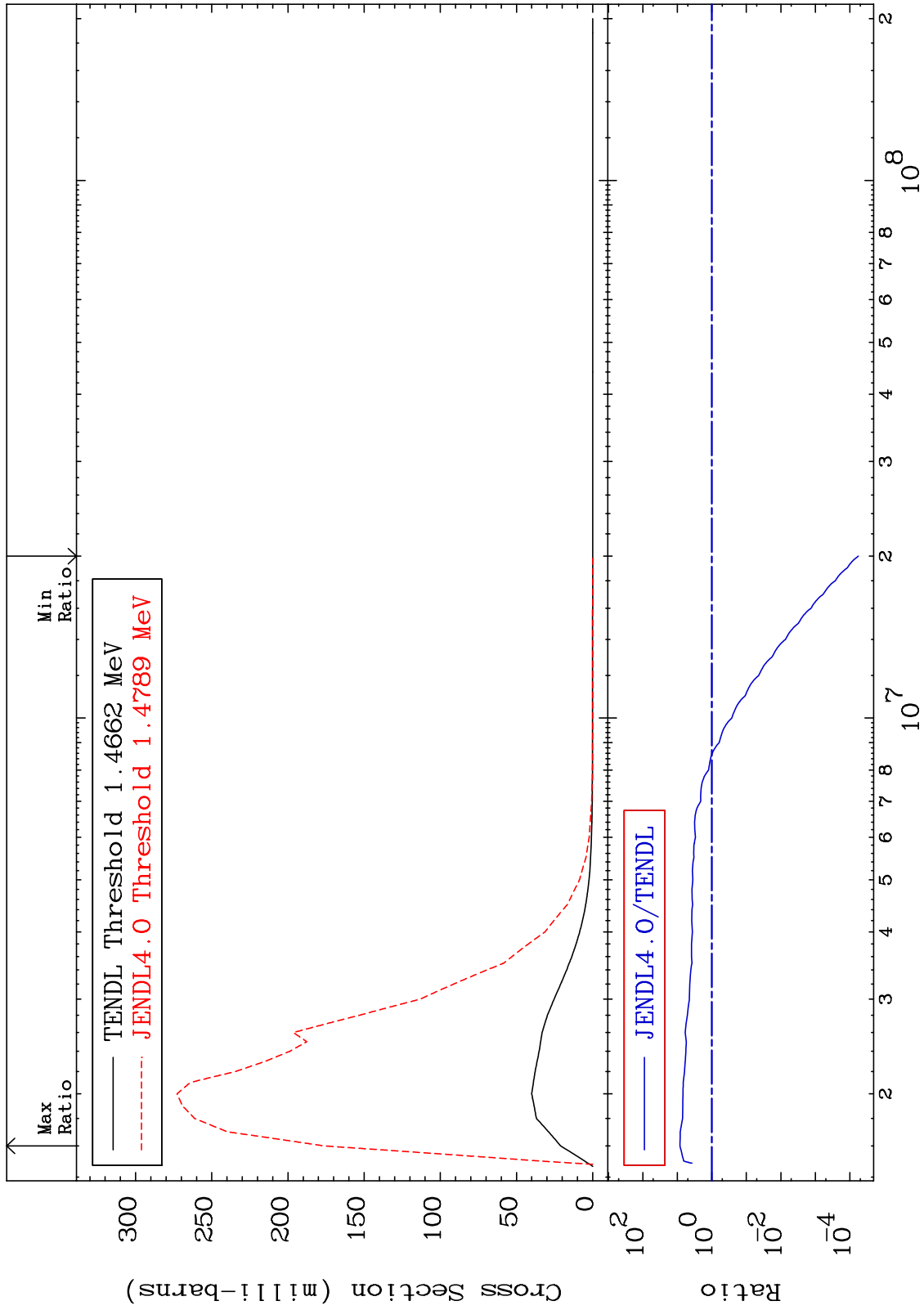




MAT 4034

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

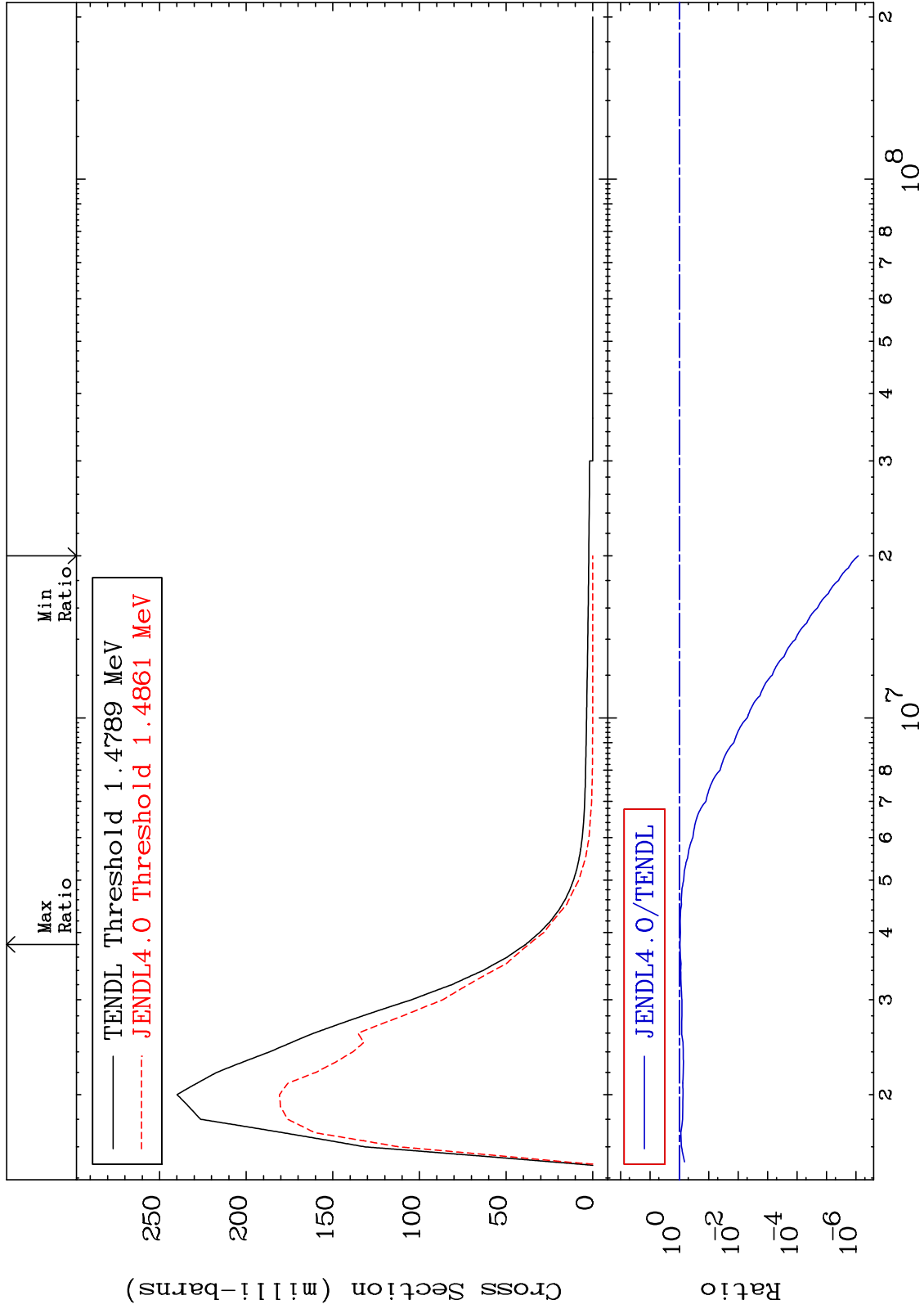
40-Zr-93  
-99.99 To 736.1 %



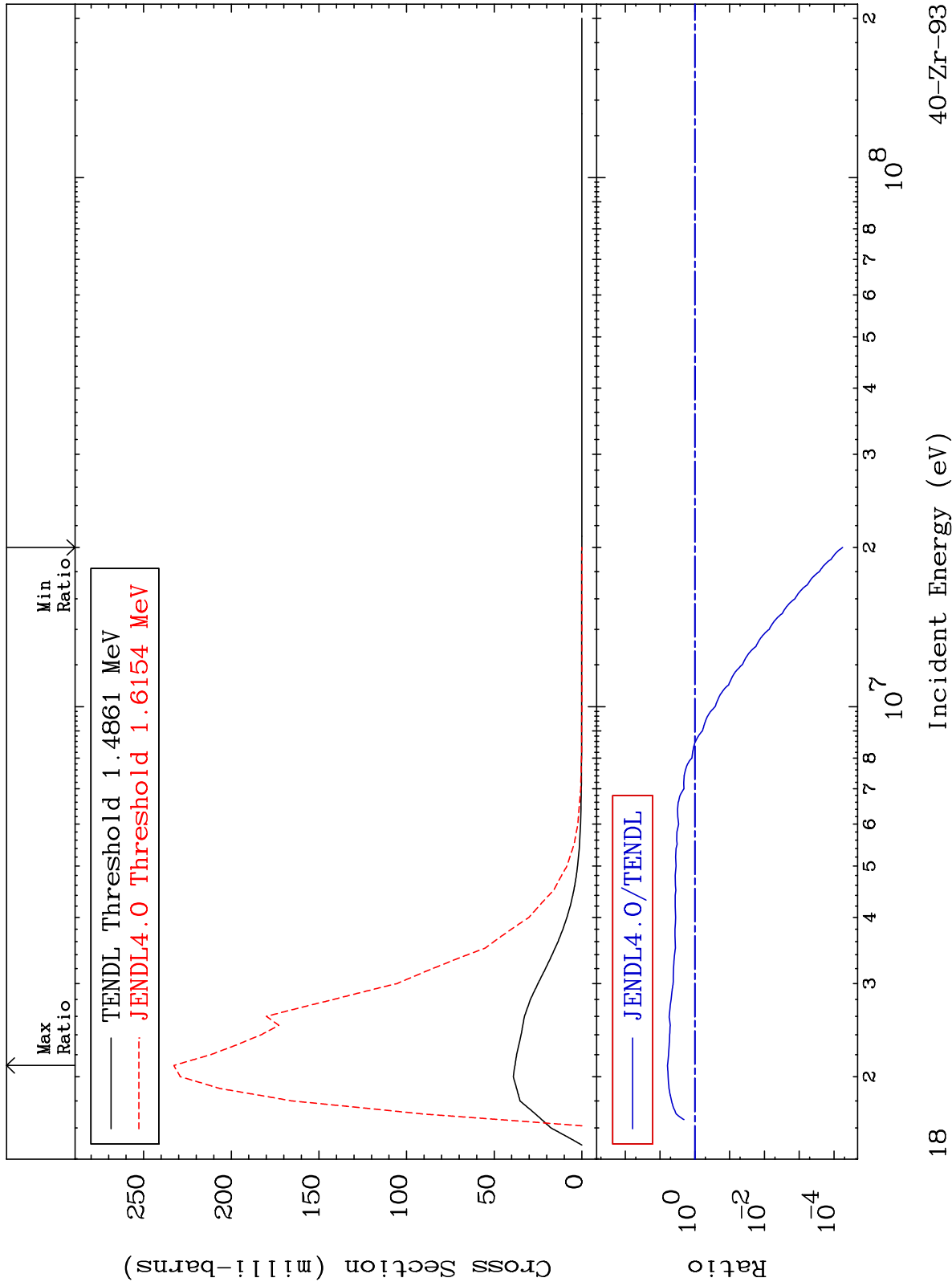
MAT 4034

MT= 59 (n, n') Level  
Cross Section

40-Zr-93  
-100.0 To -4.610%



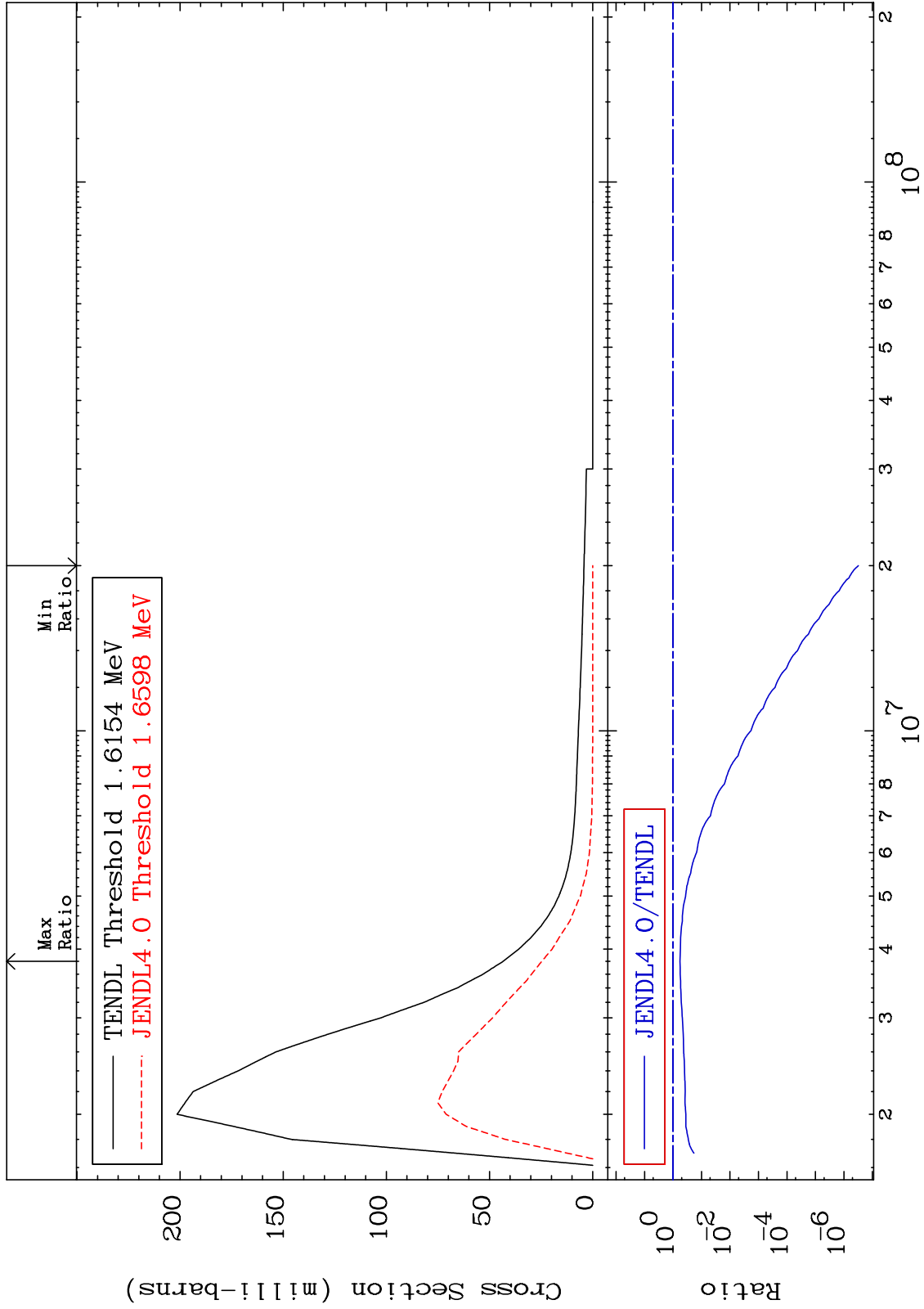
MAT 4034 MT= 60 (n,n') Level Cross Section 40-Zr-93  
 -99.99 To 510.1 %



MAT 4034

MT= 61 (n,n') Level  
Cross Section

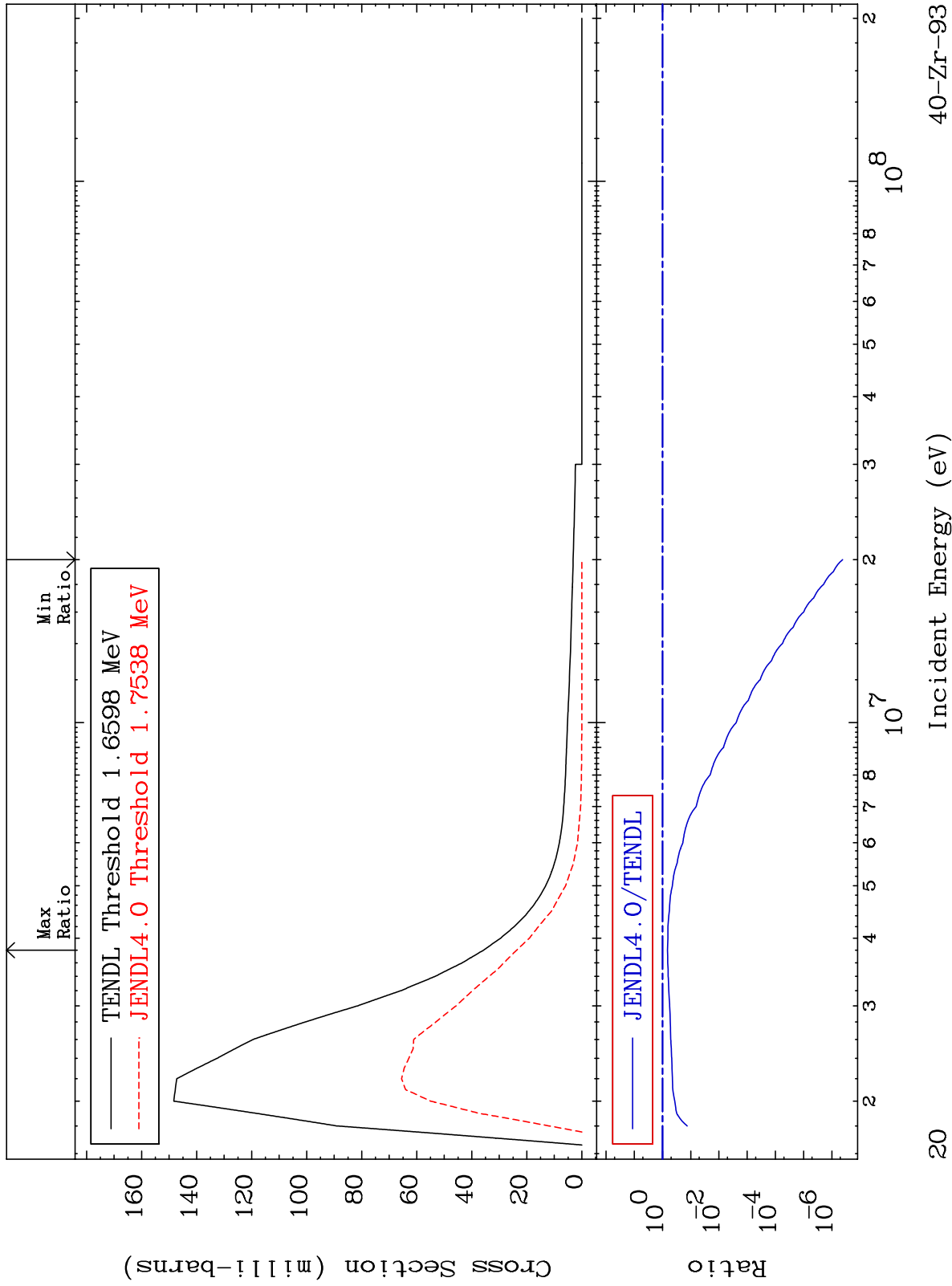
40-Zr-93  
-100.0 To -43.20%



MAT 4034

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

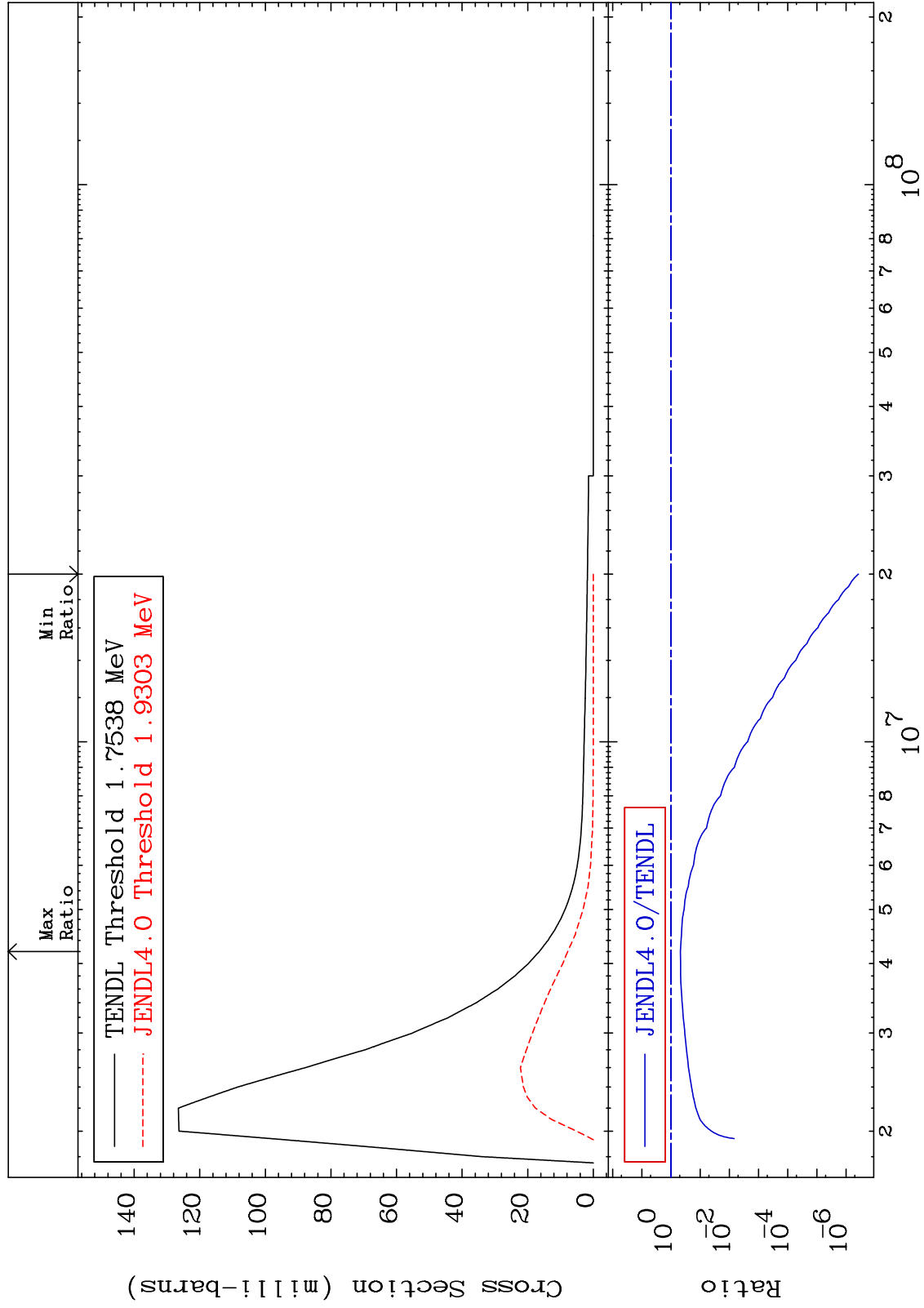
40-Zr-93  
-100.0 To -33.62%



MAT 4034

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

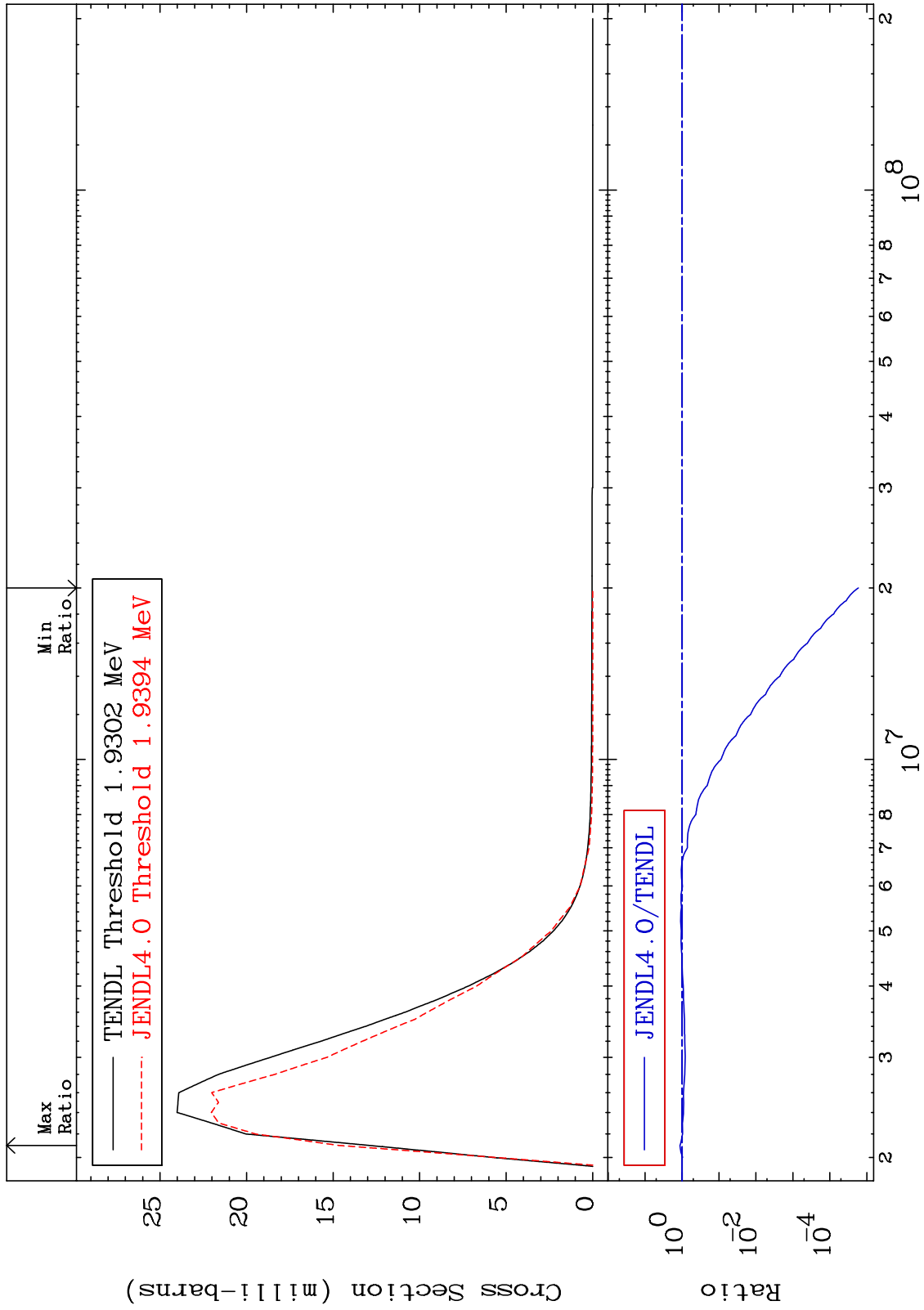
40-Zr-93  
-100.0 To -52.71%



MAT 4034

MT= 64 (n,n') Level  
Cross Section

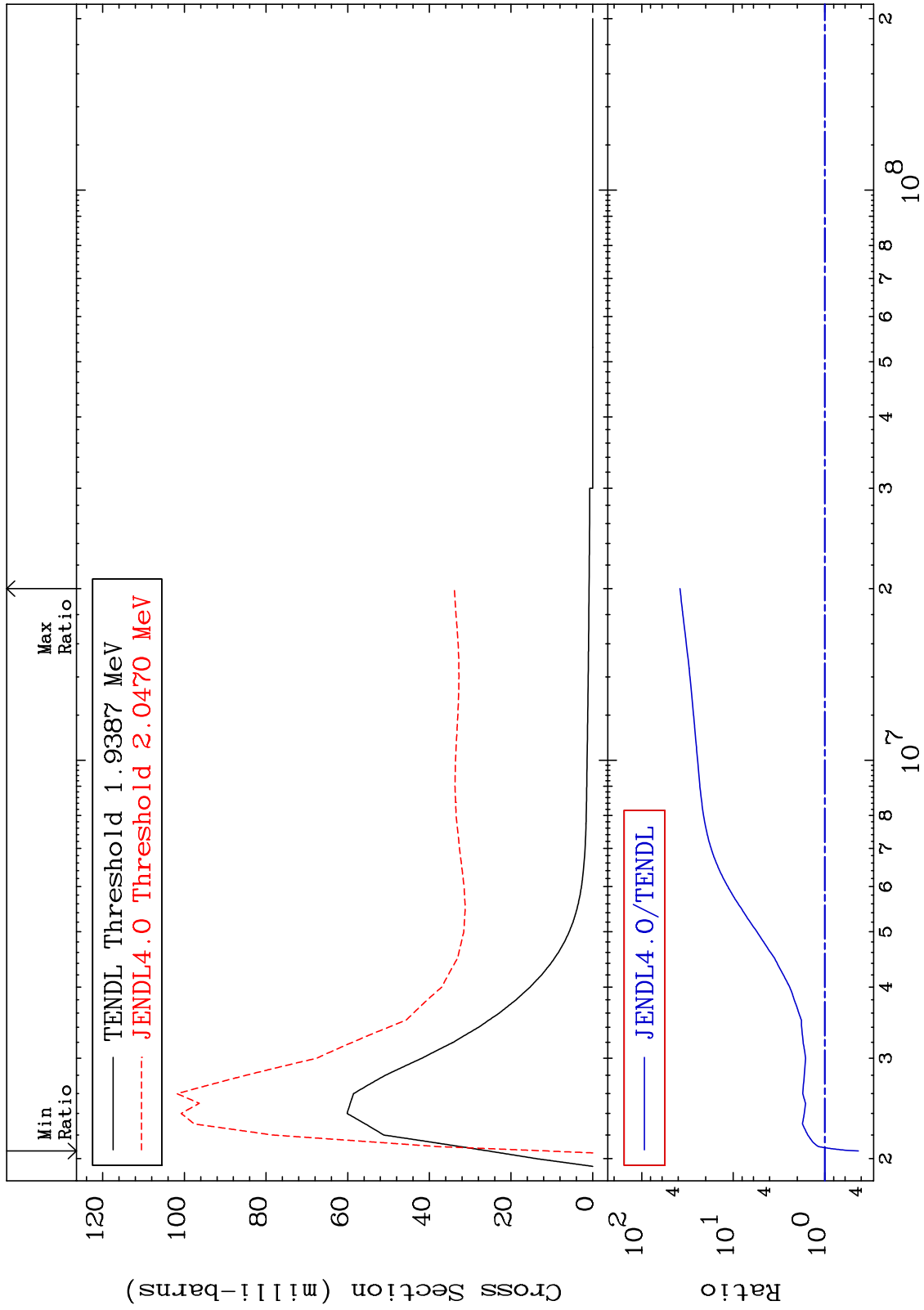
40-Zr-93  
-100.0 To 13.71 %



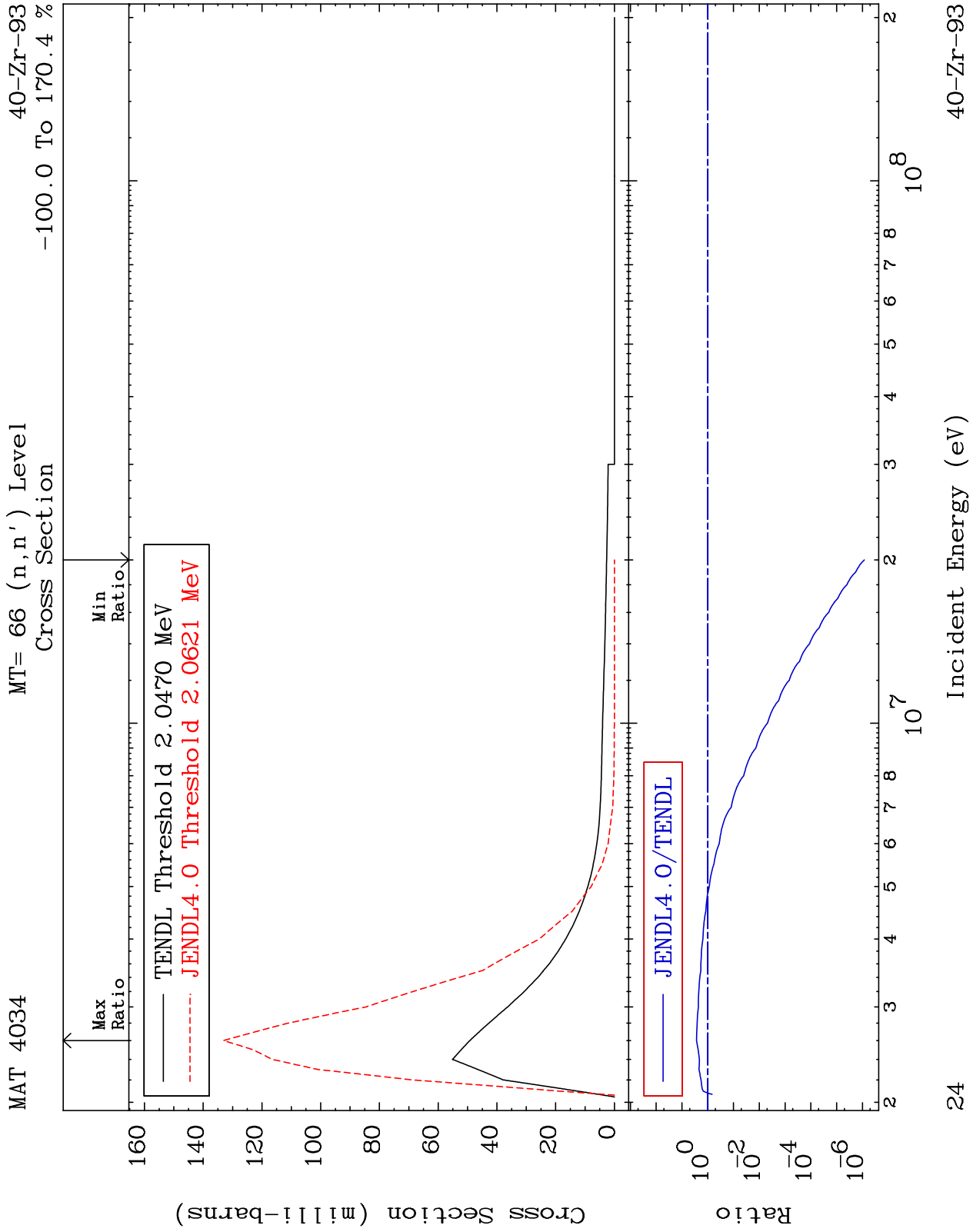
MAT 4034

MT= 65 (n,n') Level  
Cross Section

40-Zr-93  
-57.13 To 3715. %



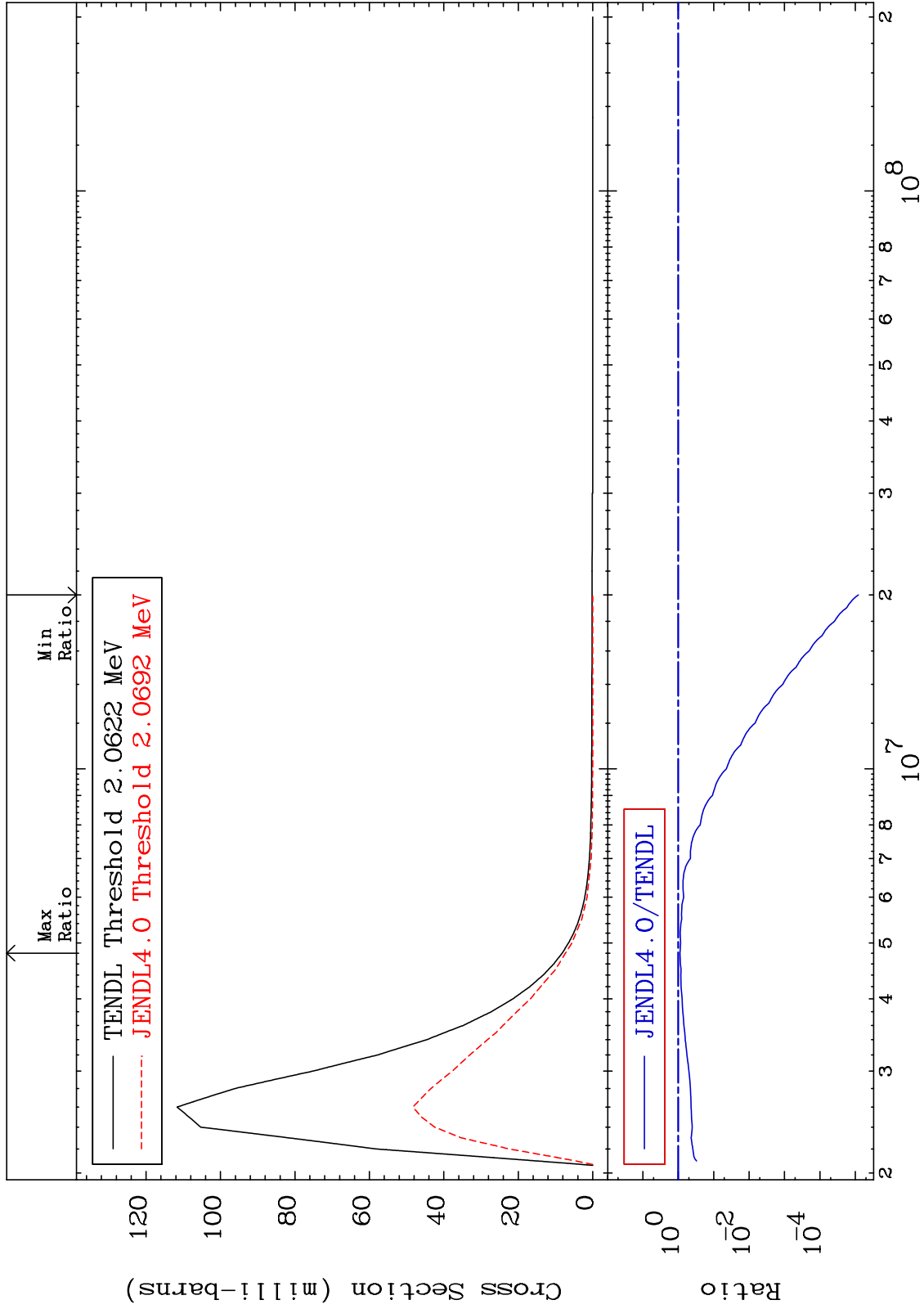




MAT 4034

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

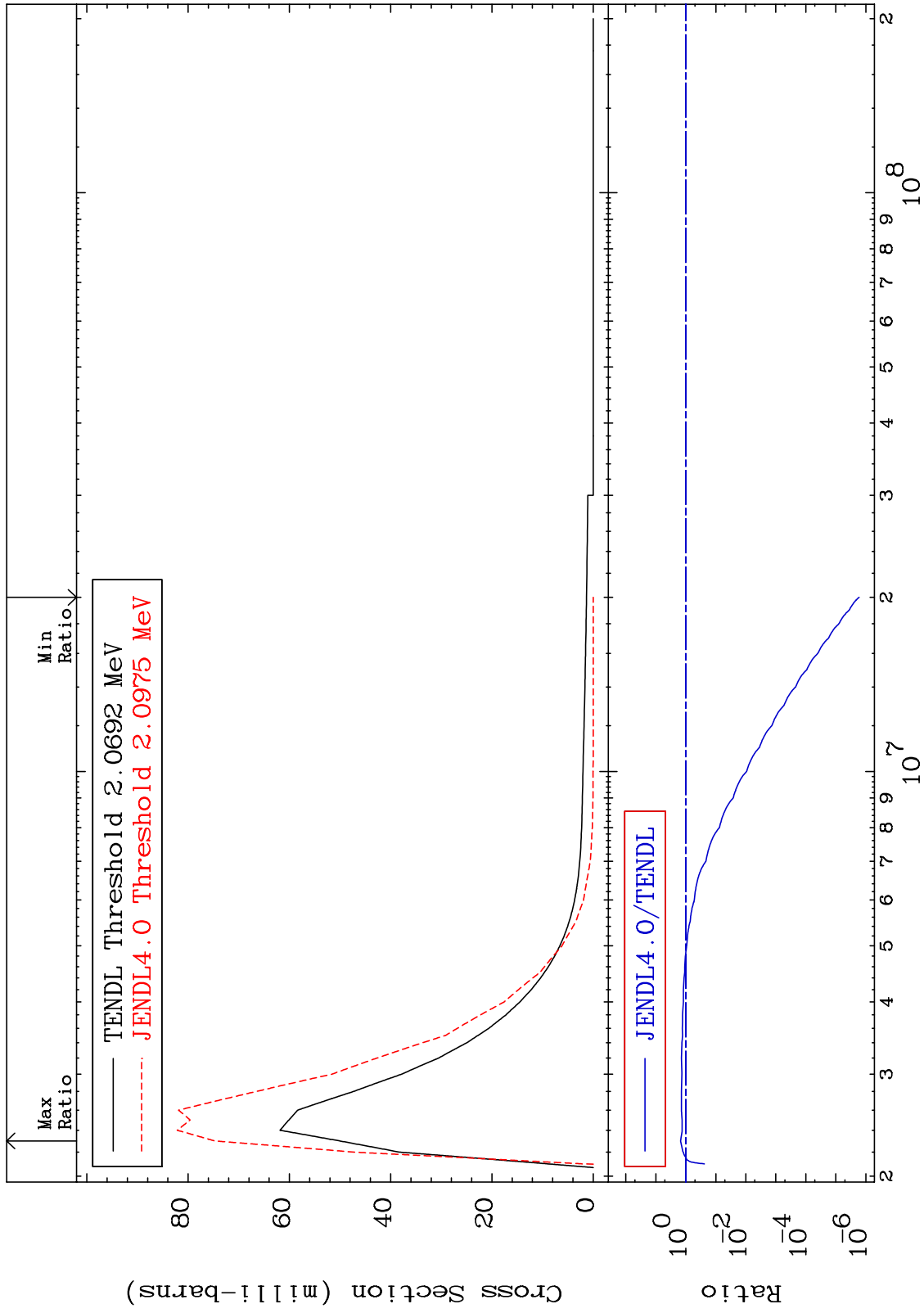
40-Zr-93  
-100.0 To -10.93%



MAT 4034

MT= 68 (n,n') Level  
Cross Section

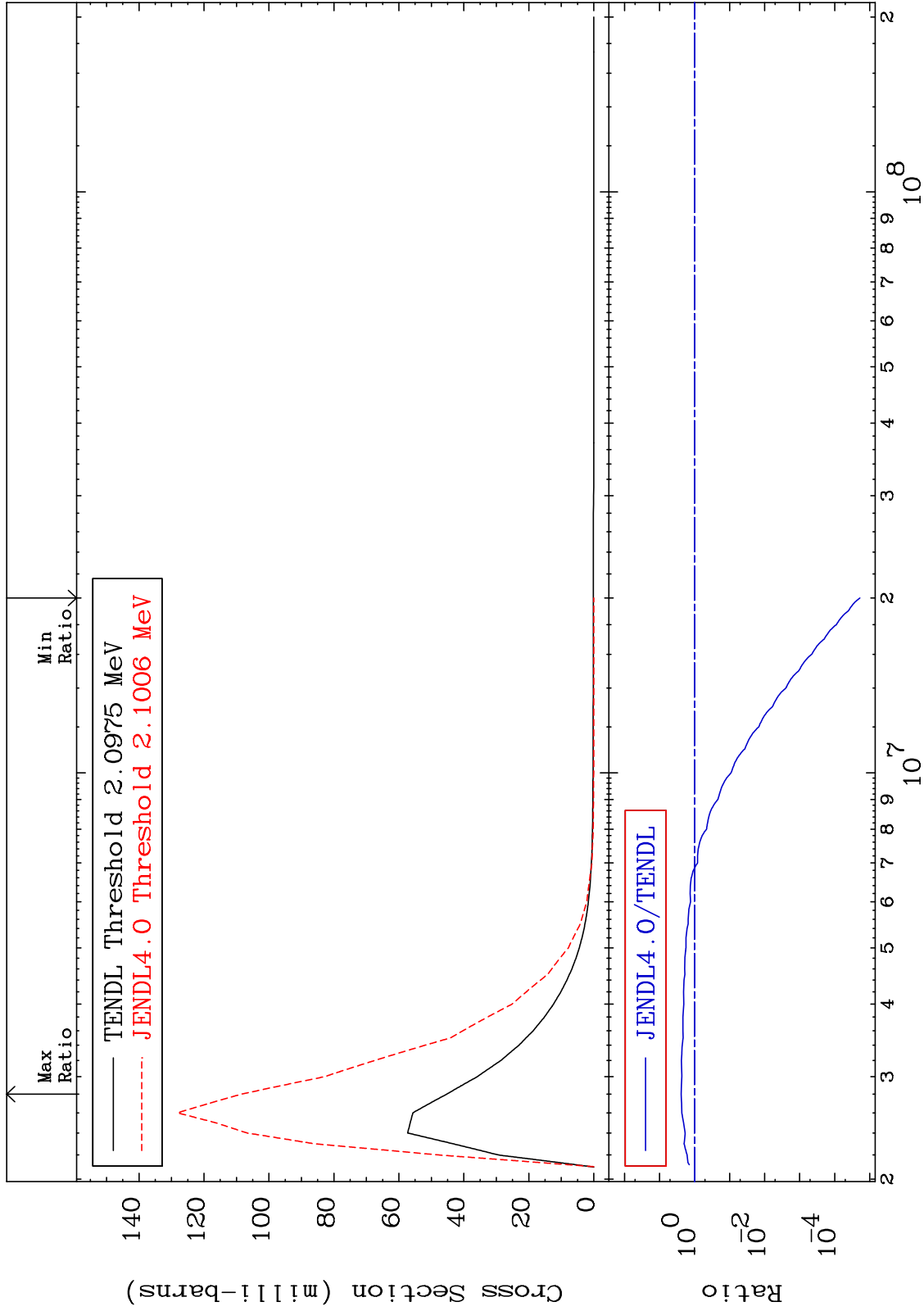
40-Zr-93  
-100.0 To 49.26 %



MAT 4034

MT= 69 (n,n') Level  
Cross Section

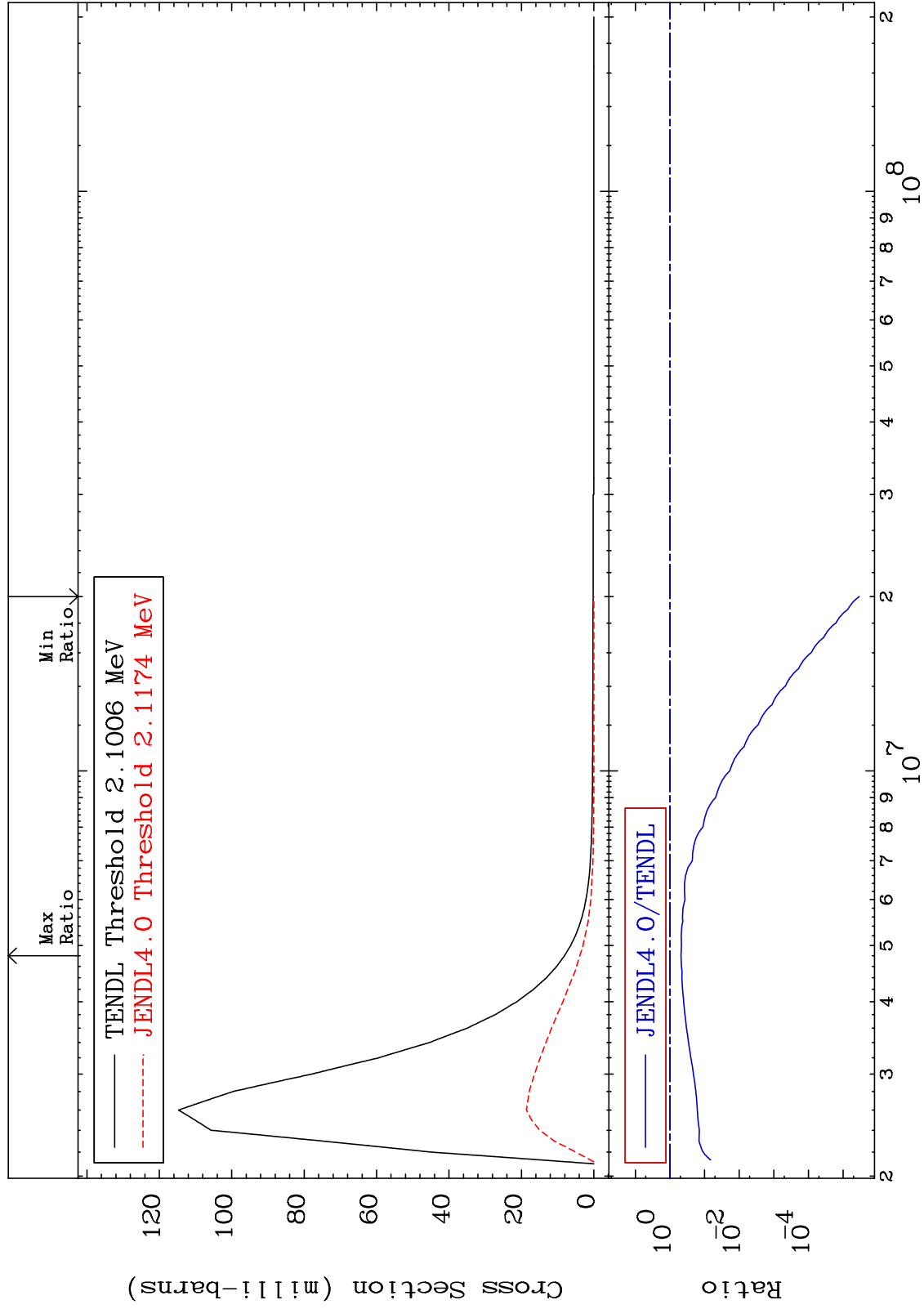
40-Zr-93  
-100.0 To 139.8 %



MAT 4034

MT= 70 (n,n') Level  
Cross Section

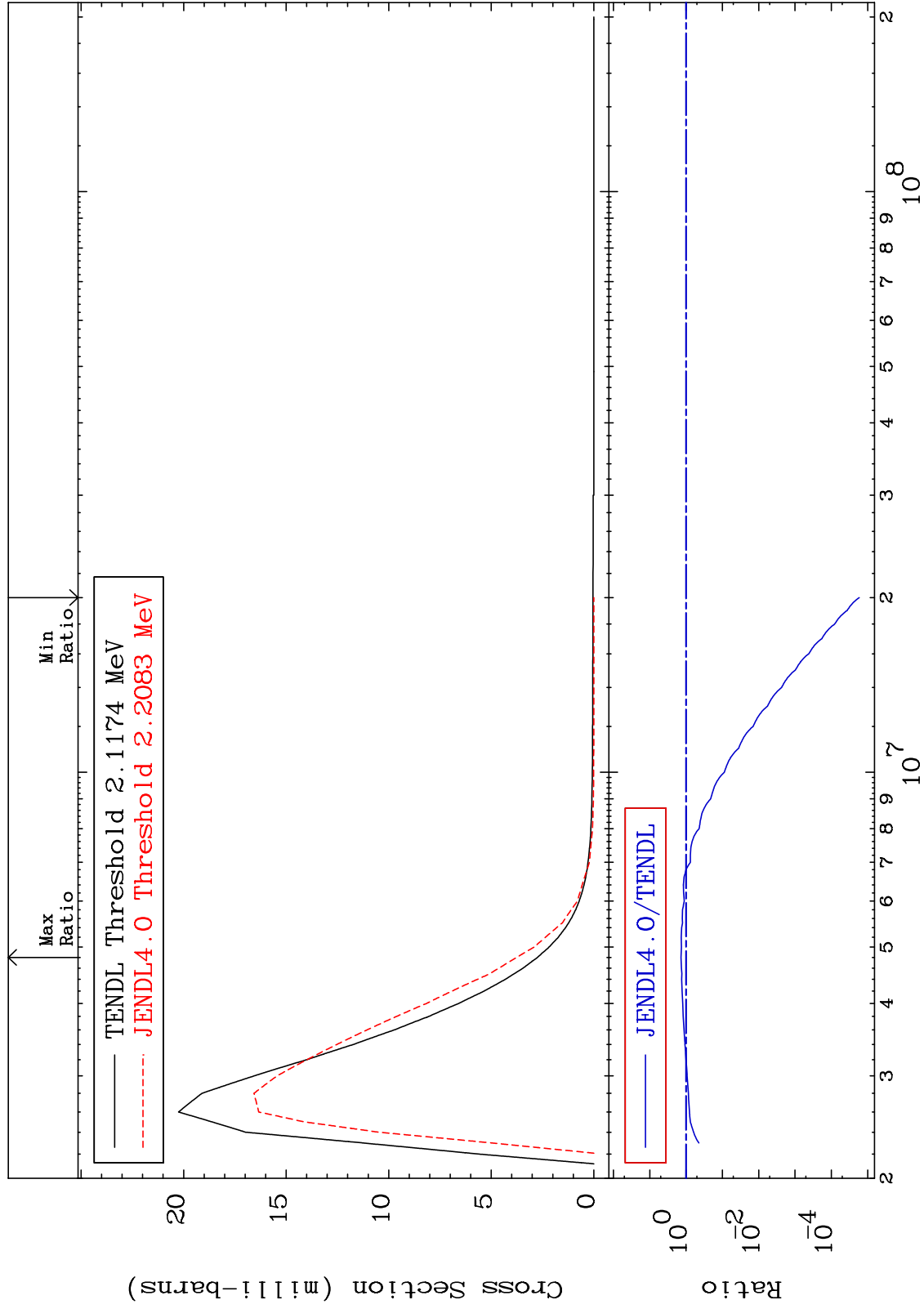
40-Zr-93  
-100.0 To -52.16%



MAT 4034

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

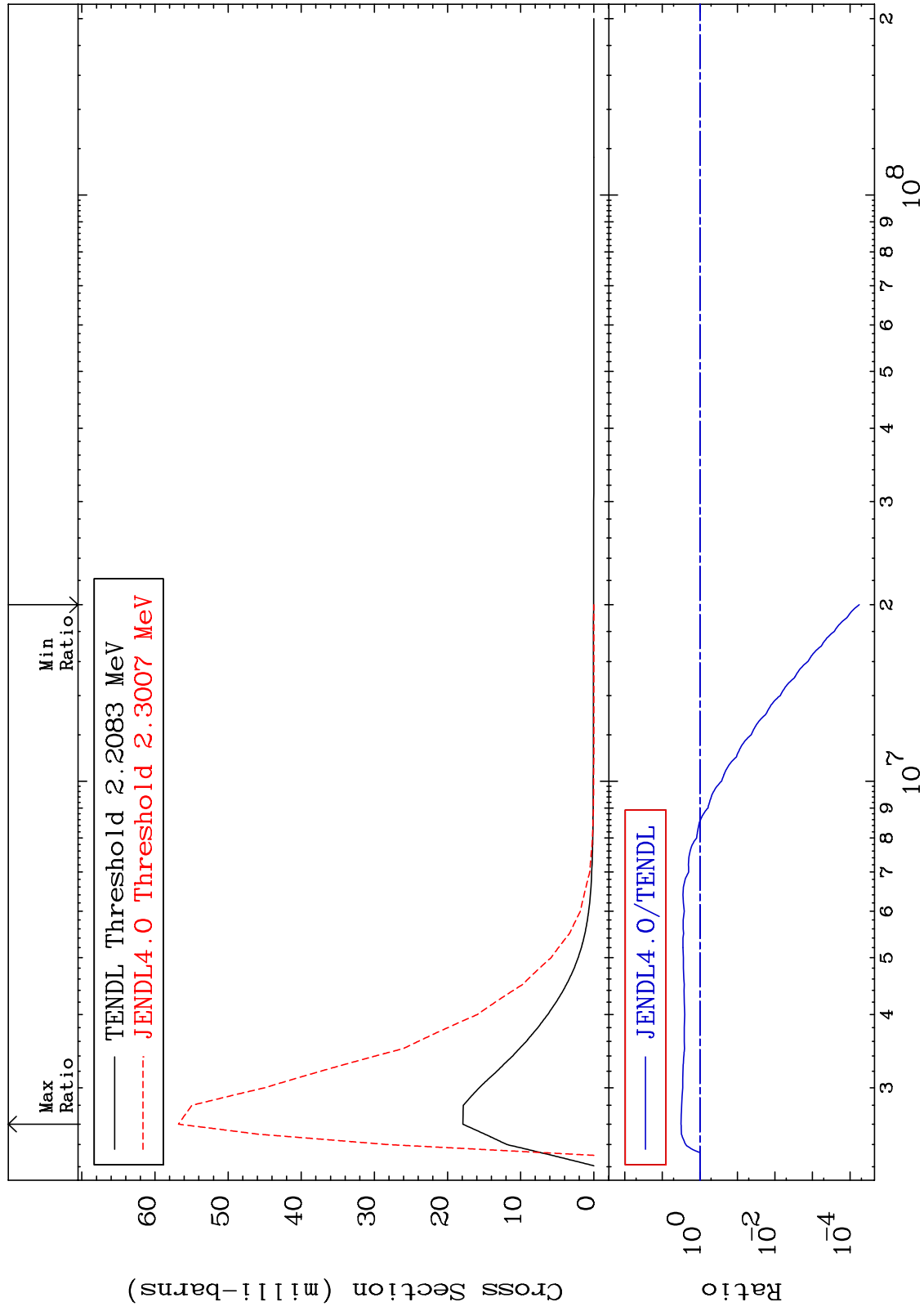
40-Zr-93  
-100.0 To 37.22 %



MAT 4034

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

40-Zr-93  
-99.99 To 217.0 %

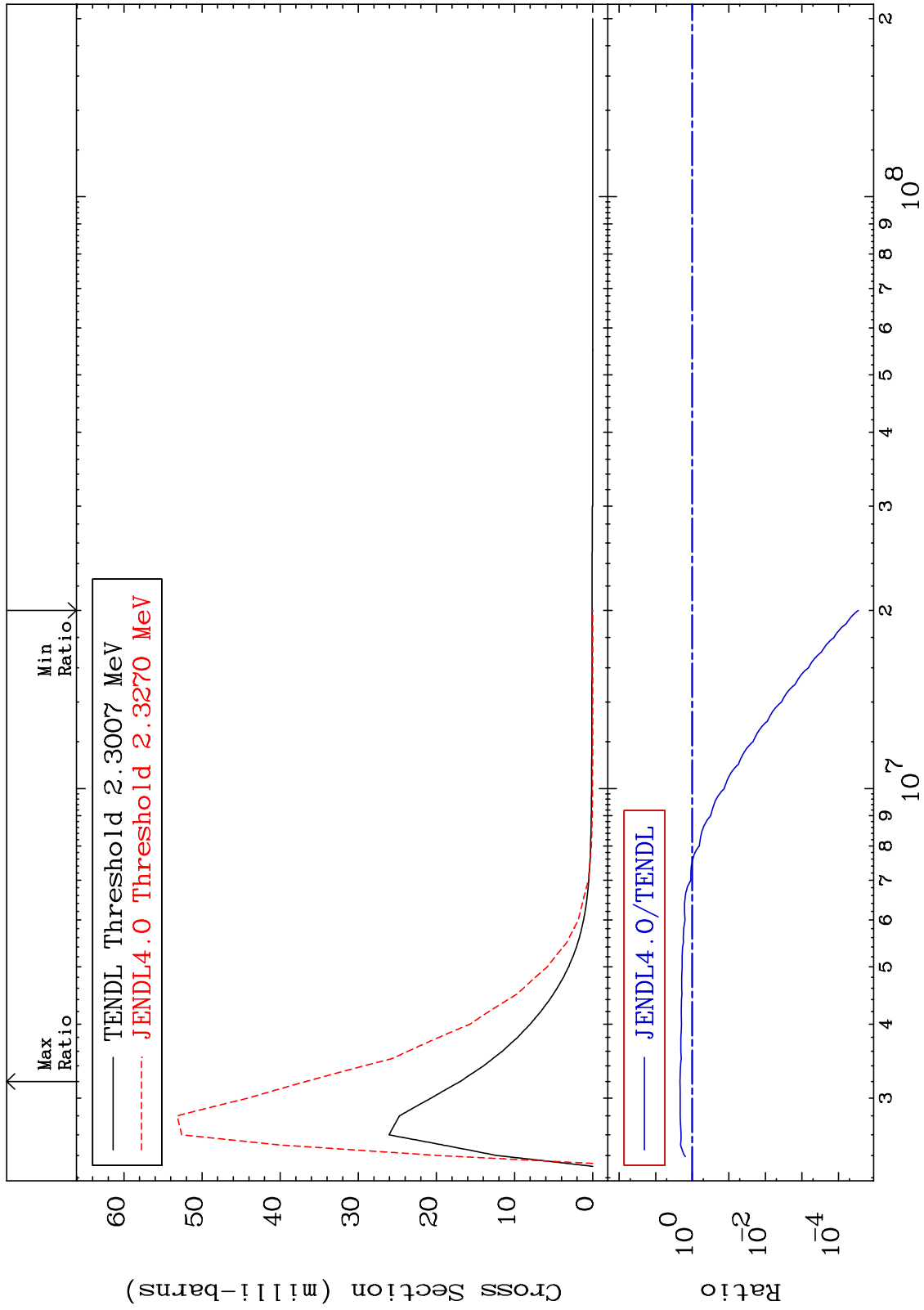


30

Incident Energy (eV)

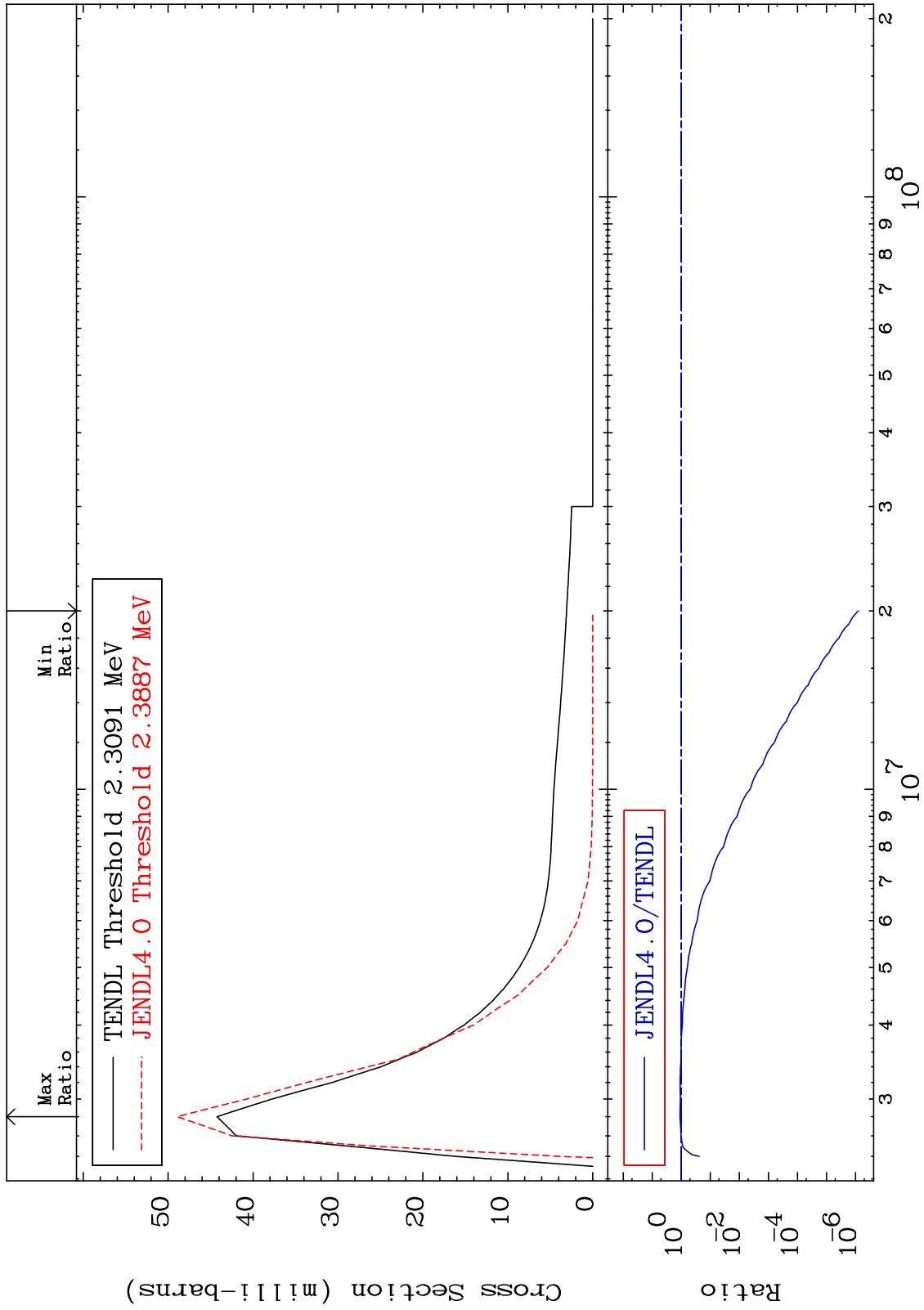
40-Zr-93

MAT 4034 MT= 73 (n,n') Level Cross Section 40-Zr-93  
 -100.0 To 116.4 %

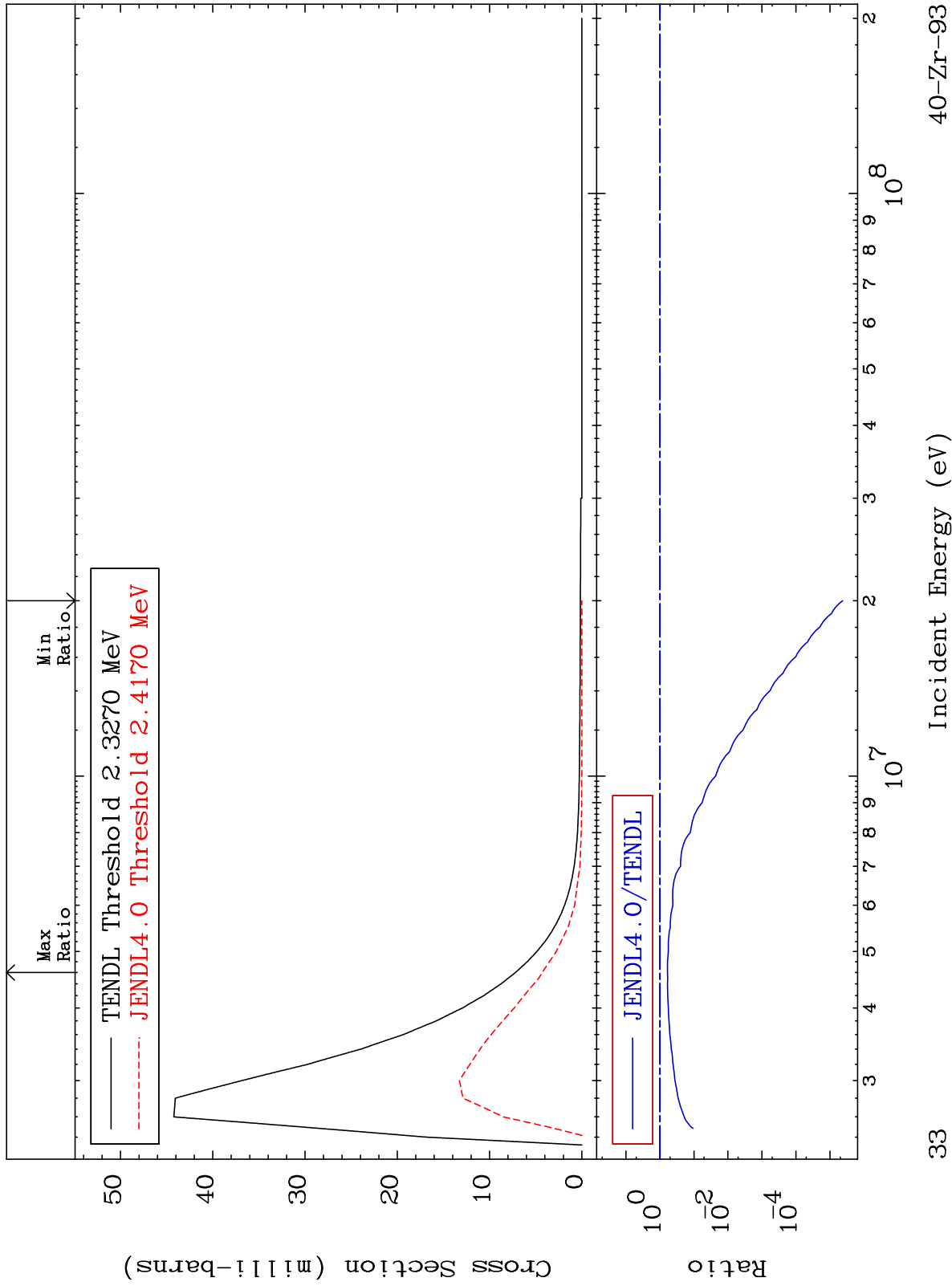




MAT 4034 MT= 74 (n,n') Level Cross Section 40-Zr-93  
 -100.0 To 10.64 %



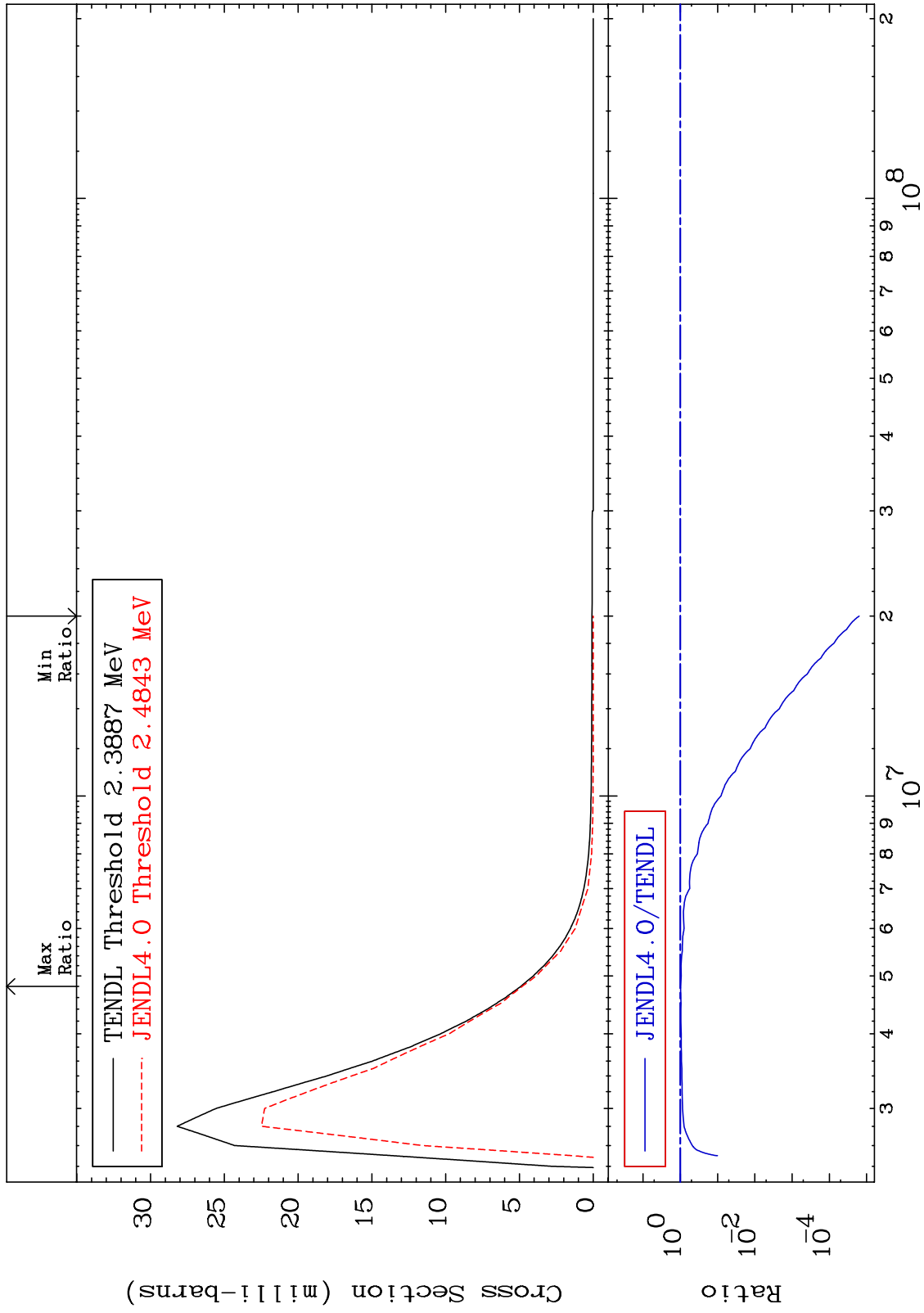
MAT 4034 MT= 75 (n,n') Level  
 Cross Section 40-Zr-93  
 -100.0 To -40.38%



MAT 4034

MT= 76 (n,n') Level  
Cross Section

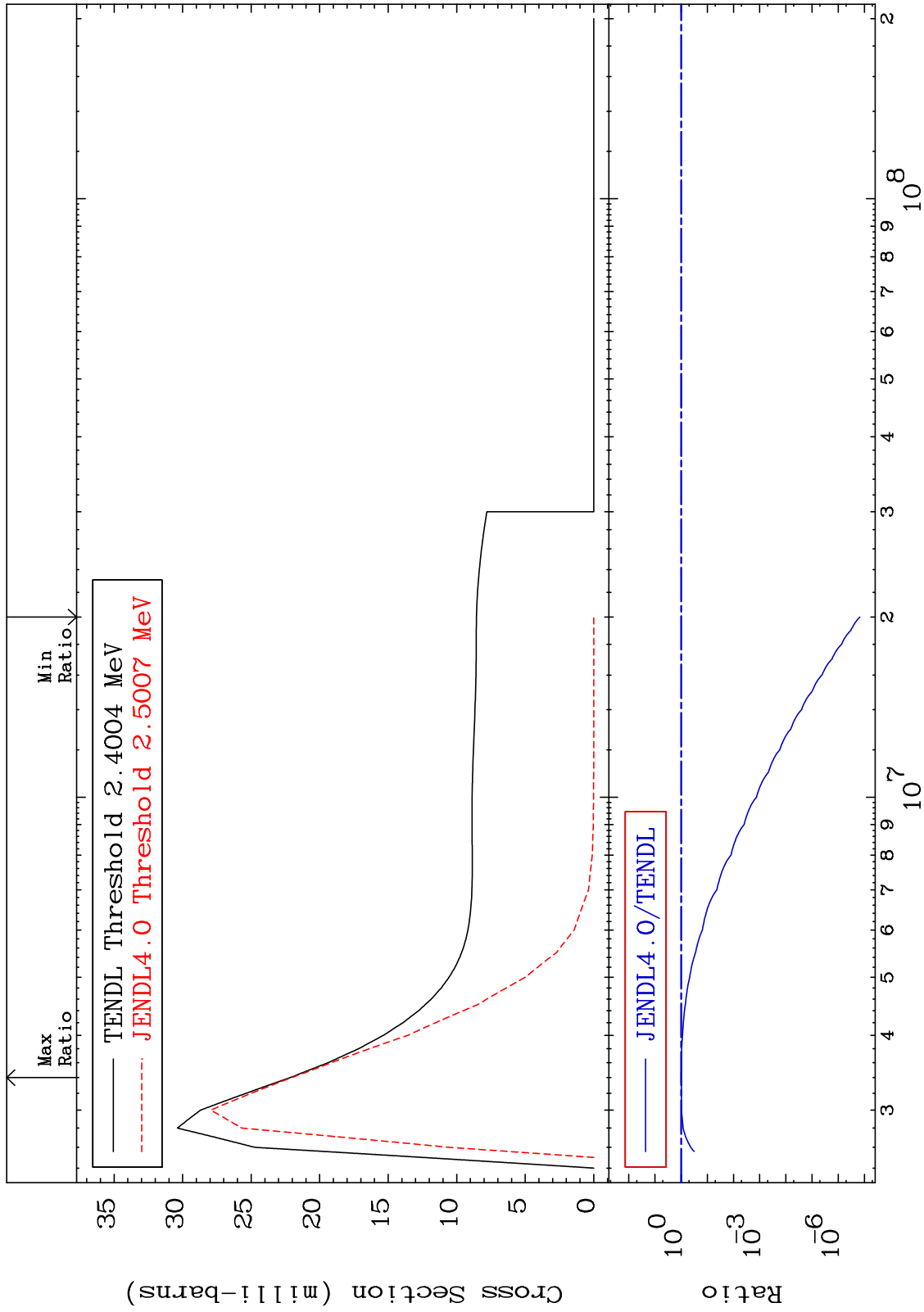
40-Zr-93  
-100.0 To -2.006%



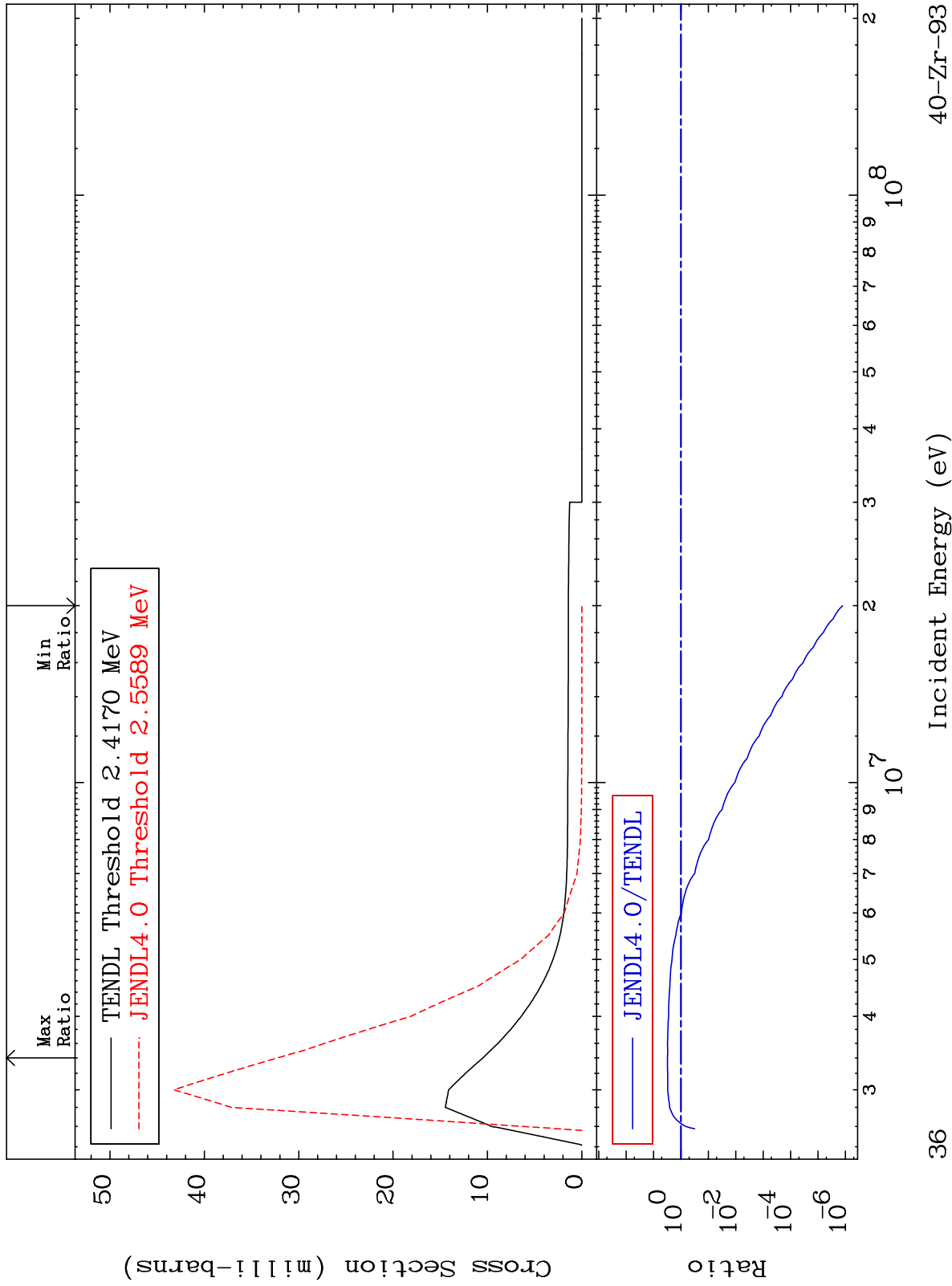
MAT 4034

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

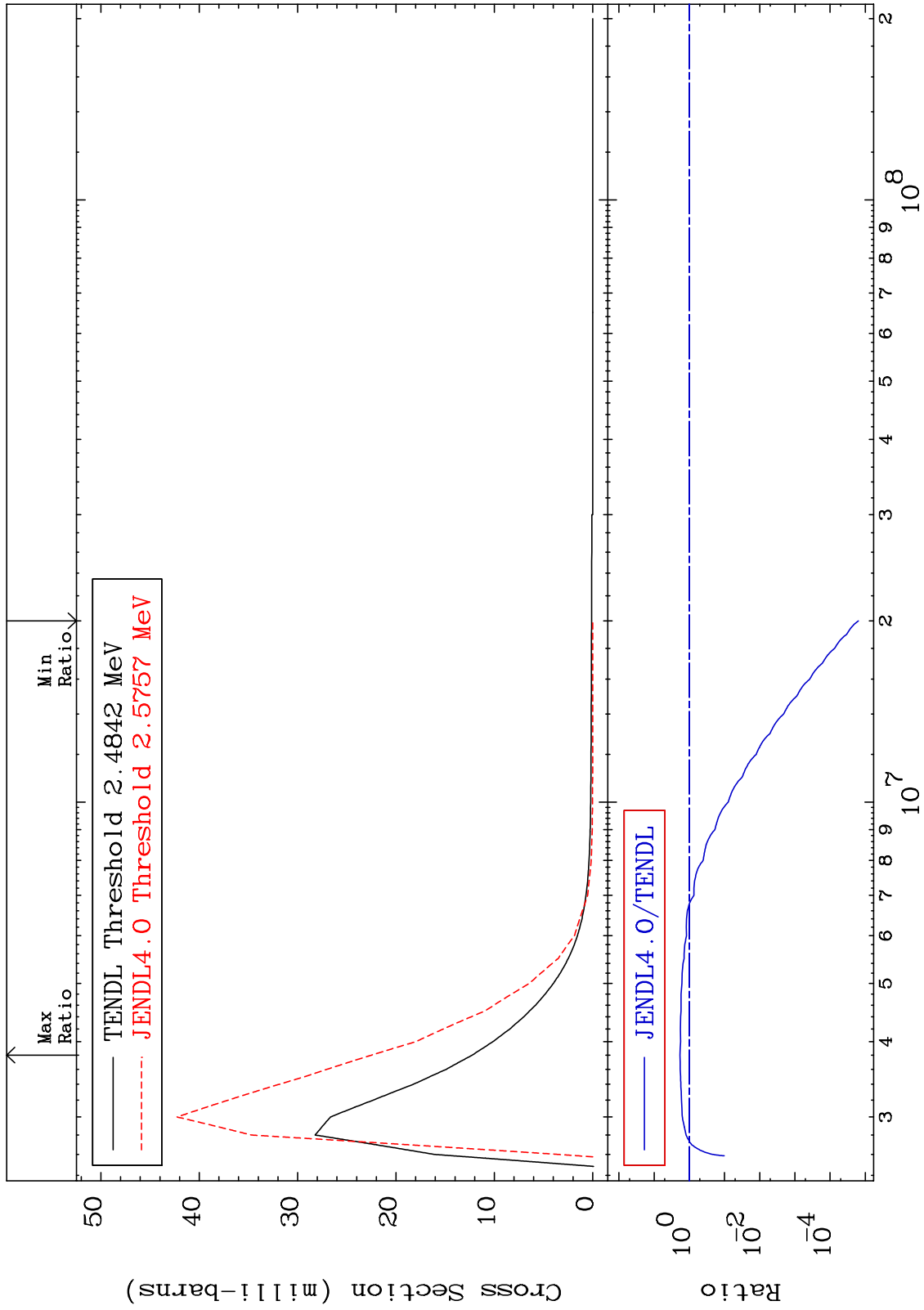
40-Zr-93  
-100.0 To -0.496%



MAT 4034 MT= 78 (n,n') Level Cross Section -100.0 To 207.7 % 40-Zr-93



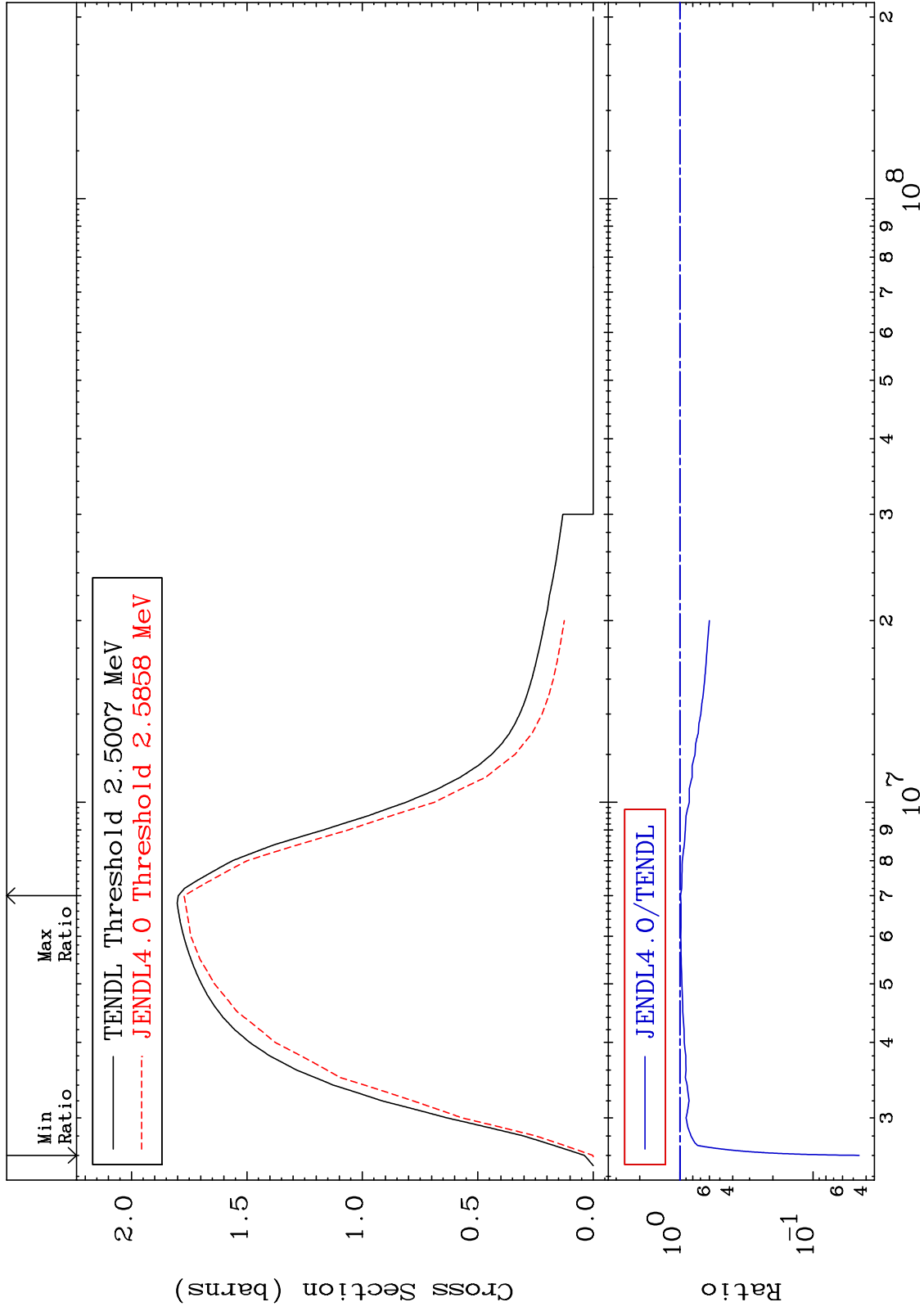
MAT 4034 MT= 79 (n,n') Level Cross Section 40-Zr-93  
 -100.0 To 83.70 %



MAT 4034

(n, n') Continuum  
Cross Section

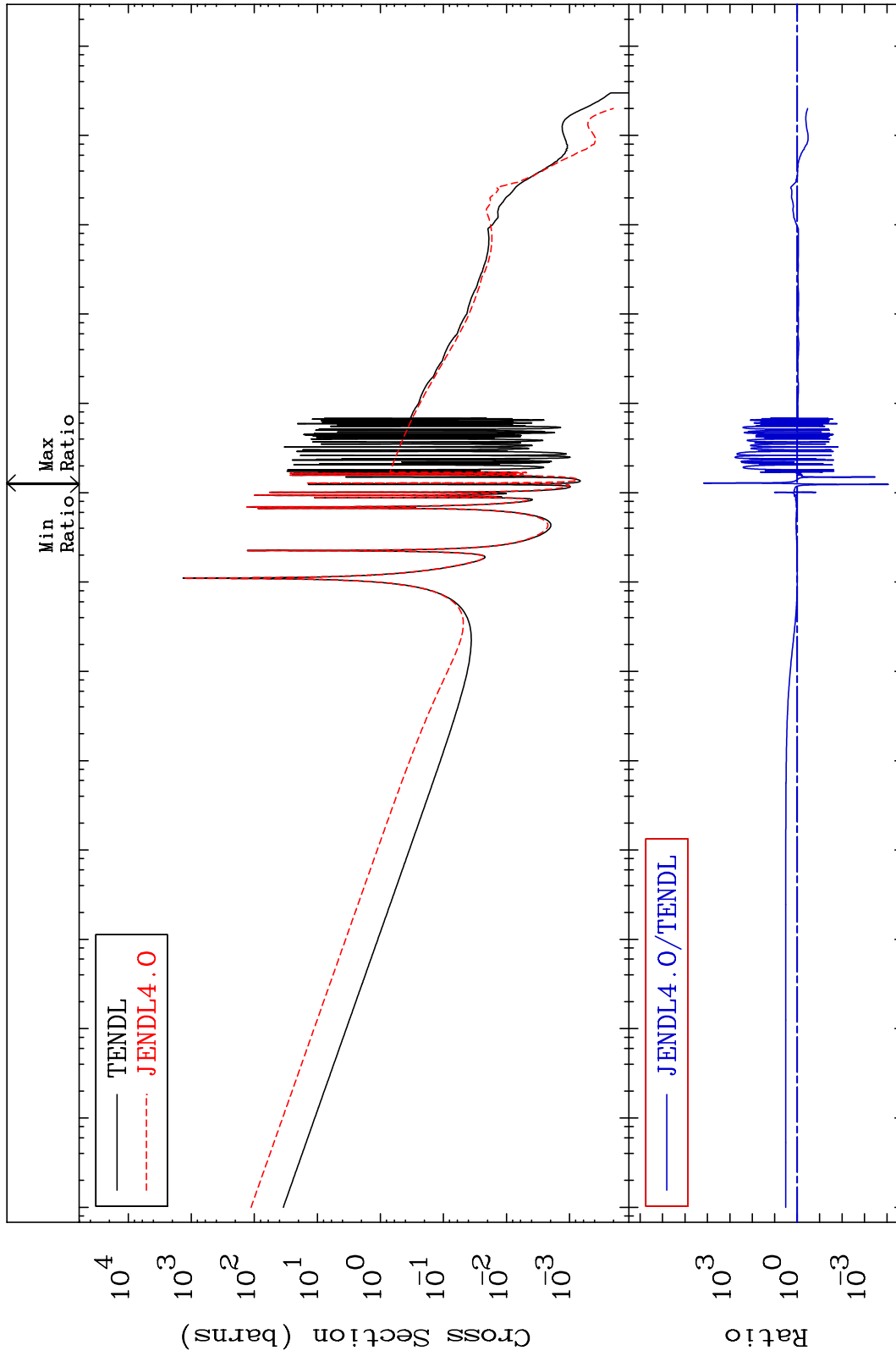
40-Zr-93  
-95.50 To -1.392%



MAT 4034

(n,  $\gamma$ )  
Cross Section

40-Zr-93  
-99.99 To 9999. %





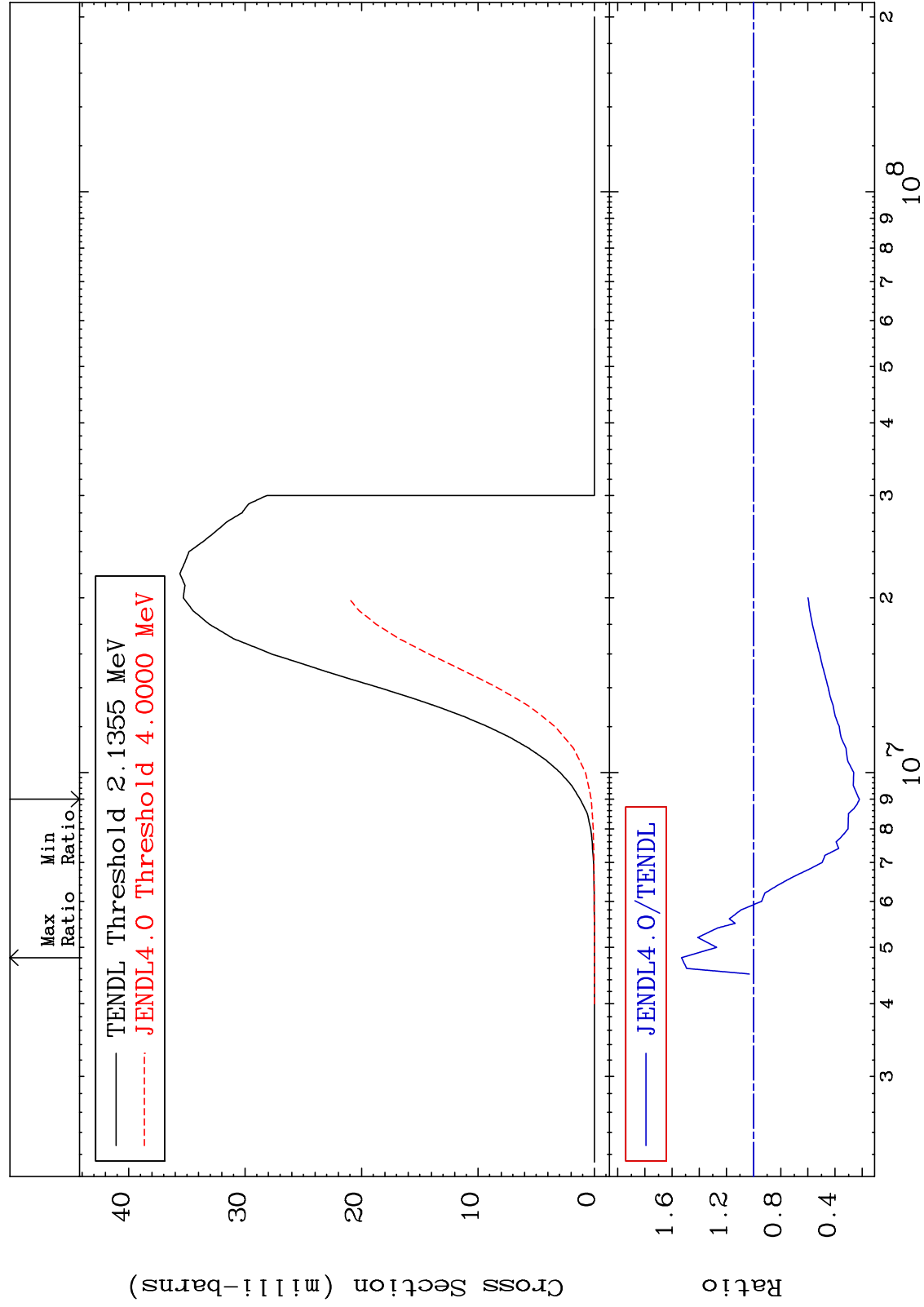
MAT 4034

(n,p)

40-Zr-93

Cross Section

-77.91 To 53.07 %



40

Incident Energy (eV)

40-Zr-93

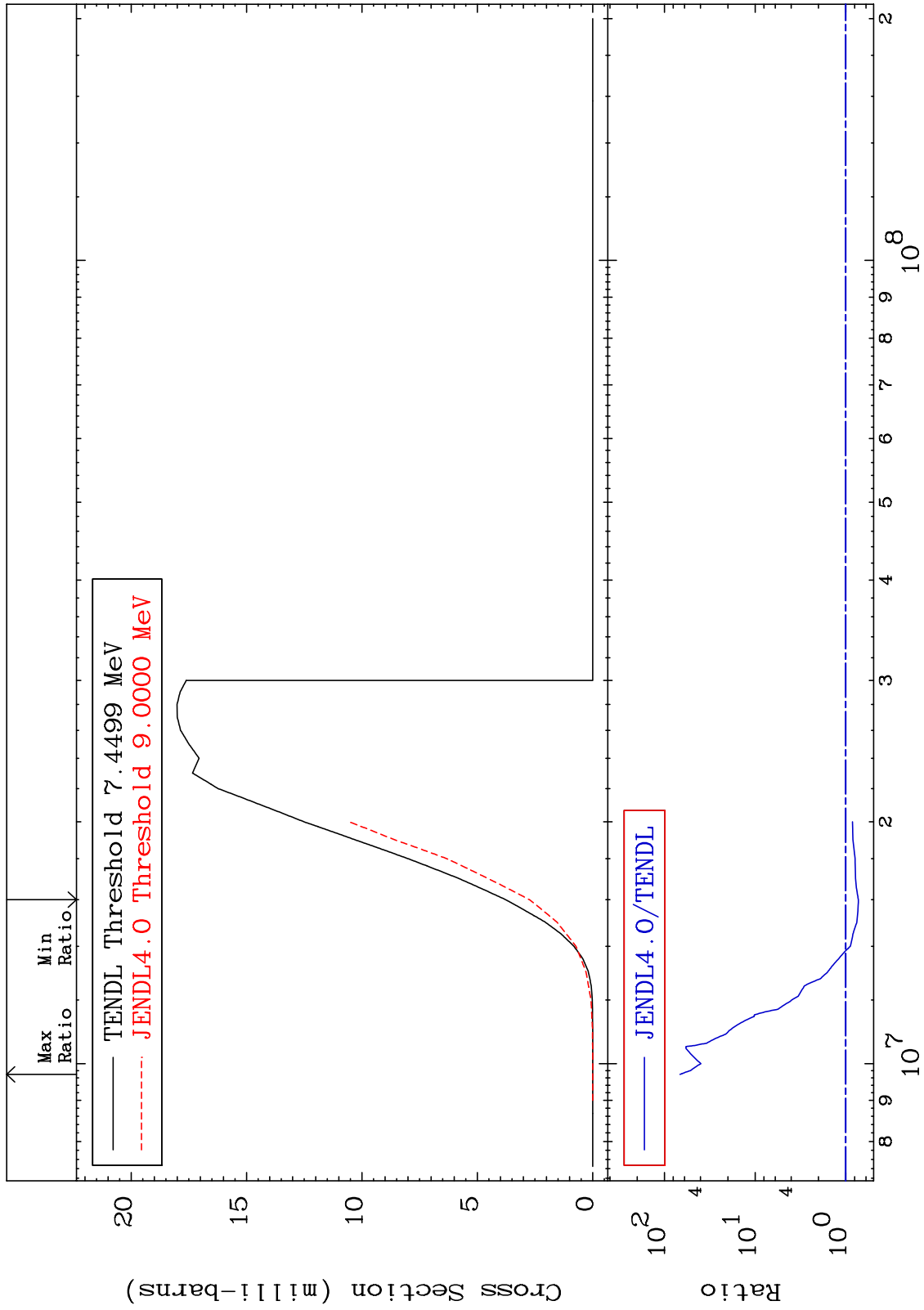
MAT 4034

(n,d)

40-Zr-93

Cross Section

-27.40 To 6637. %



41

Incident Energy (eV)

40-Zr-93

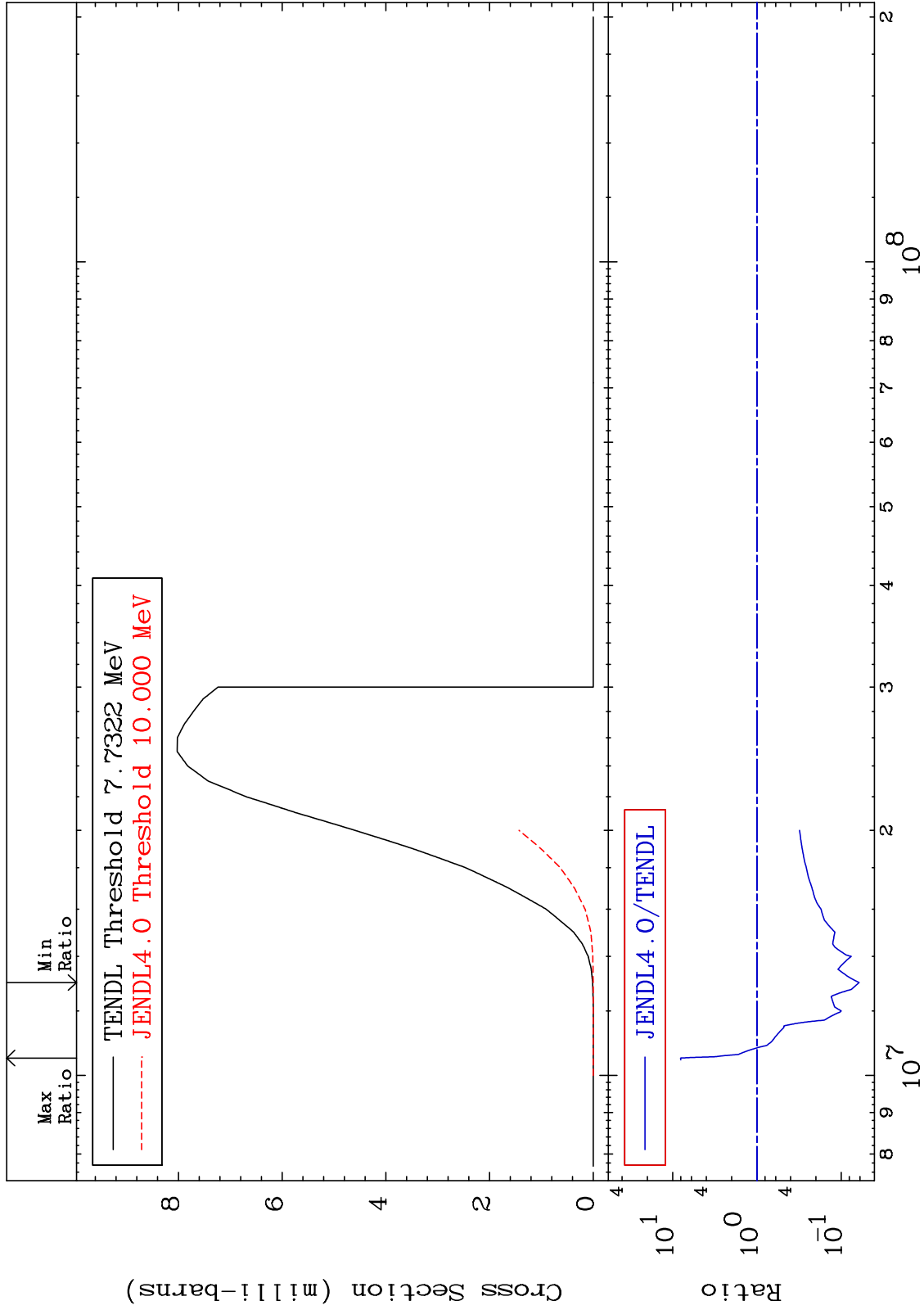
MAT 4034

(n, t)

40-Zr-93

Cross Section

-93.88 To 705.4 %



42

Incident Energy (eV)

40-Zr-93

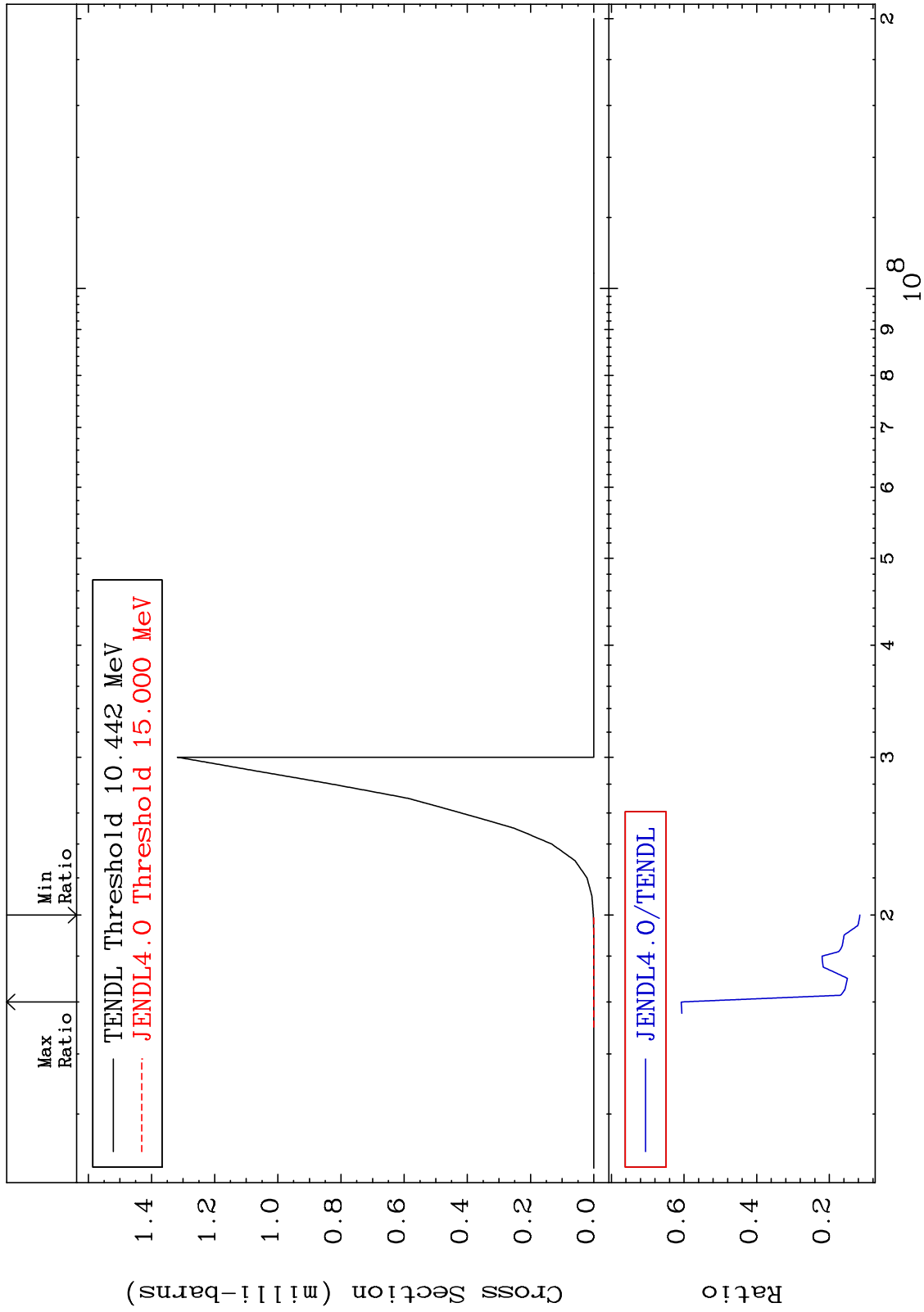
MAT 4034

(n, He-3)

40-Zr-93

Cross Section

-88.41 To -39.23%



43

Incident Energy (eV)

40-Zr-93

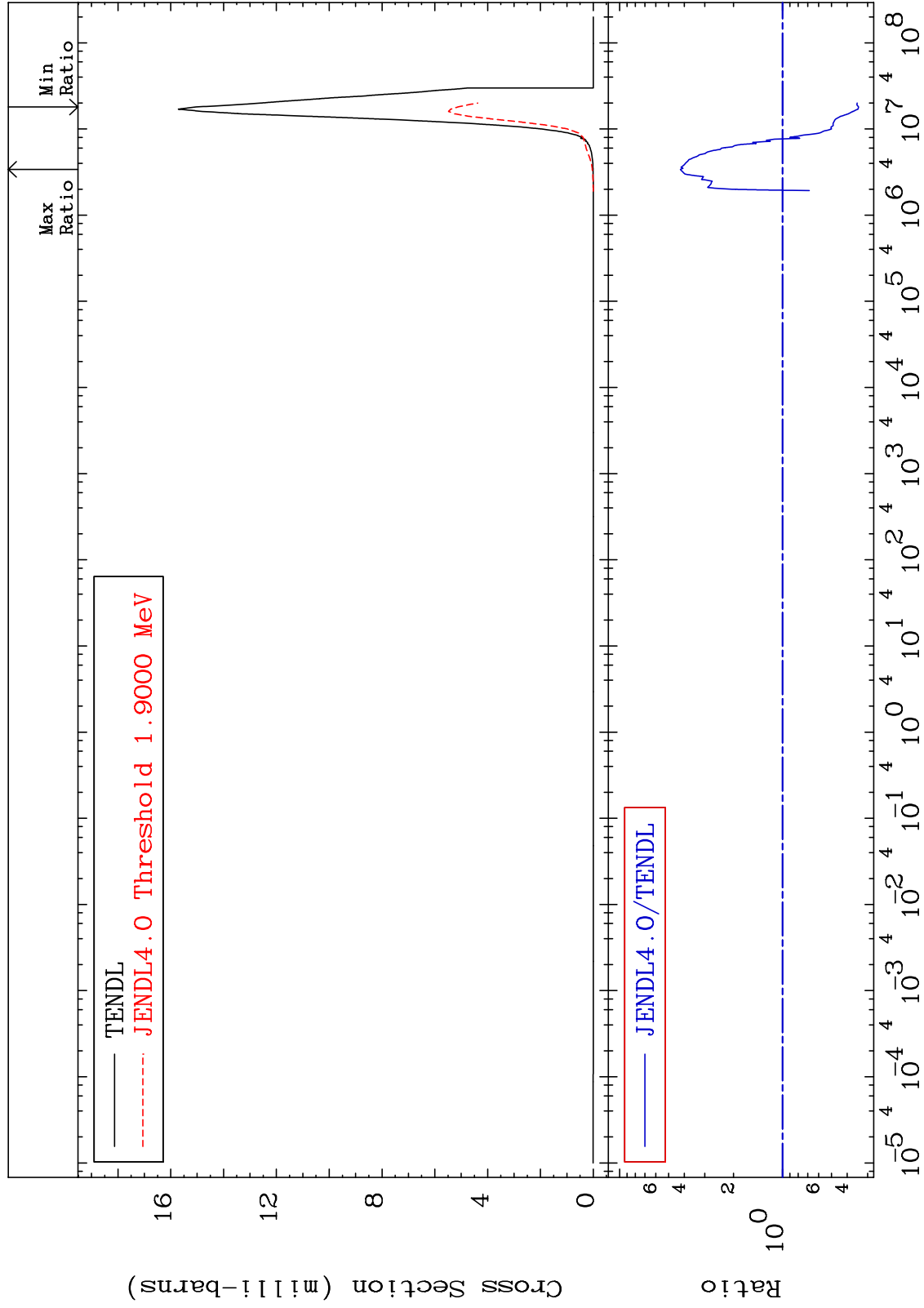
MAT 4034

(n,  $\alpha$ )

40-Zr-93

Cross Section

-65.89 To 322.9 %



44

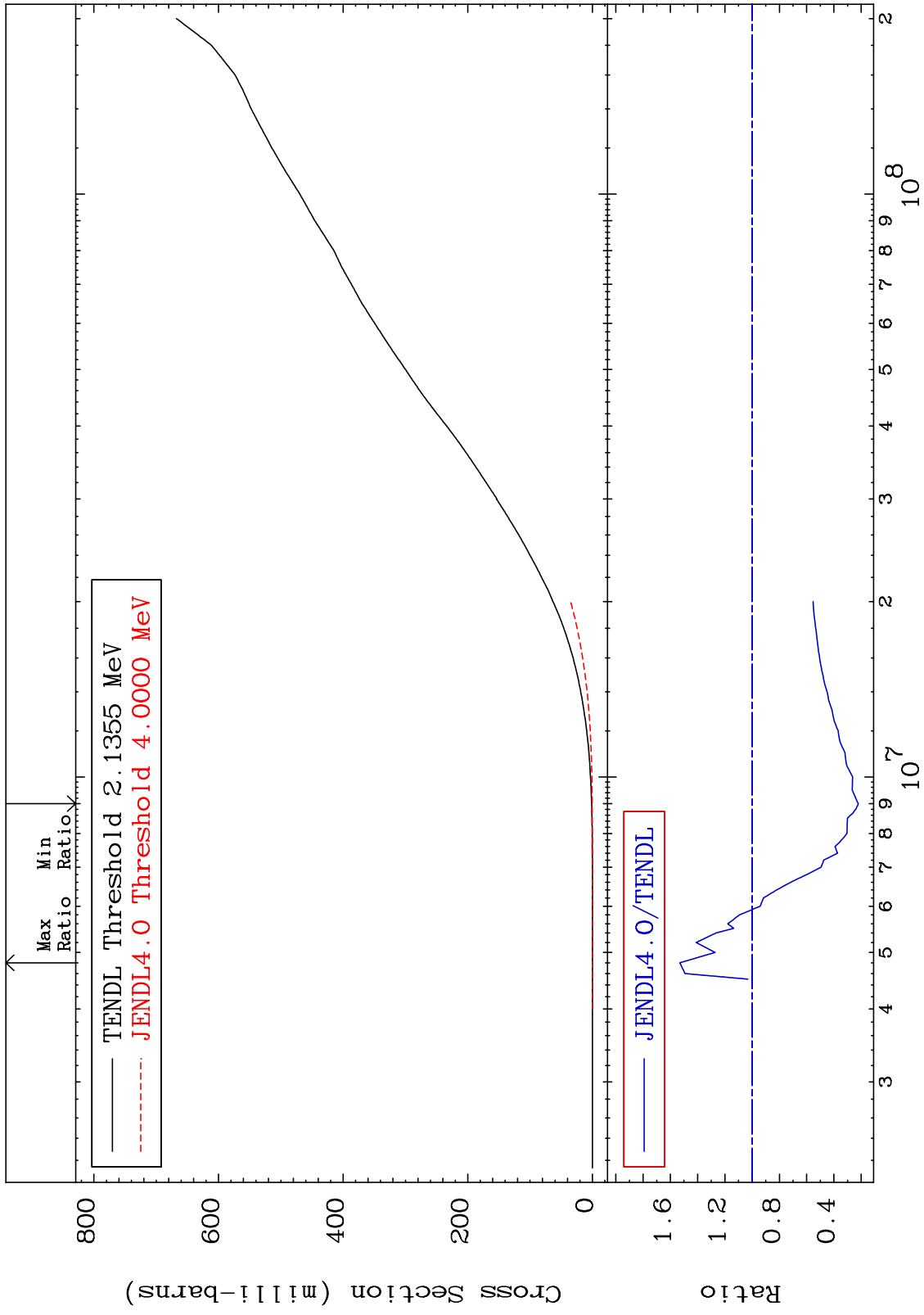
Incident Energy (eV)

40-Zr-93

MAT 4034

### Hydrogen Production Cross Section

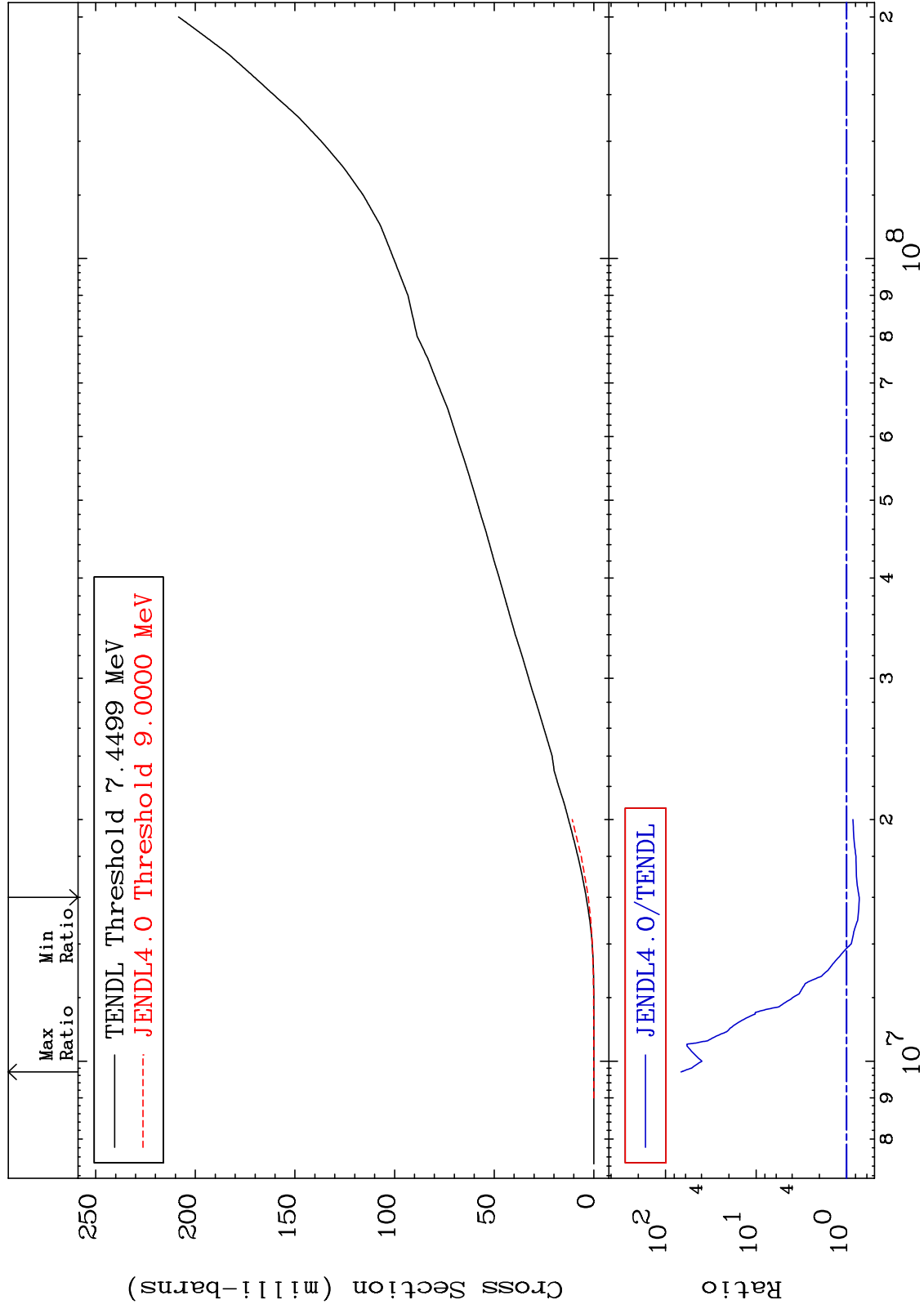
40-Zr-93  
-77.91 To 53.07 %



MAT 4034

Deuterium Production  
Cross Section

40-Zr-93  
-27.40 To 6637. %



46

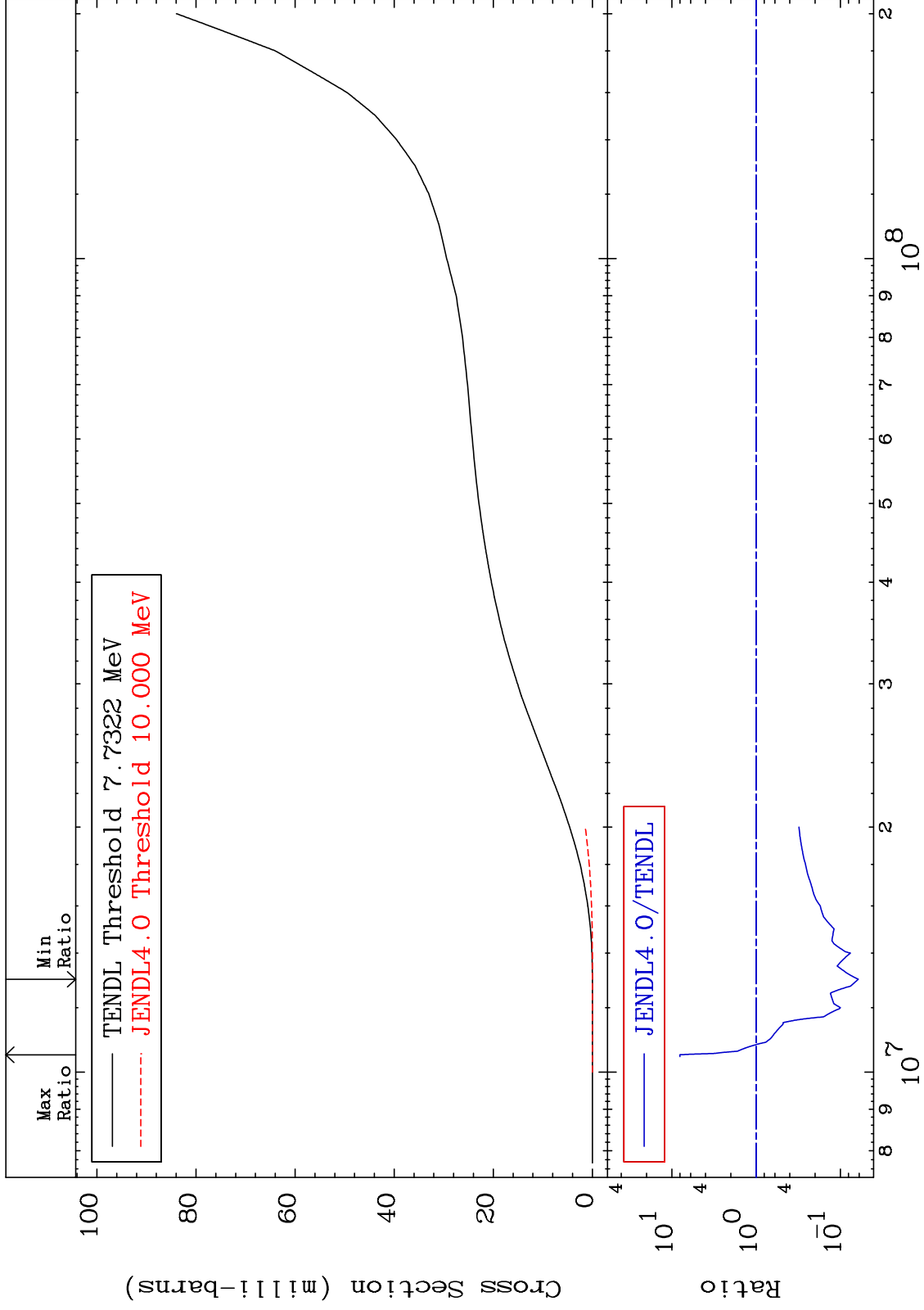
Incident Energy (eV)

40-Zr-93

MAT 4034

Tritium Production  
Cross Section

40-Zr-93  
-93.88 To 705.4 %



47

Incident Energy (eV)

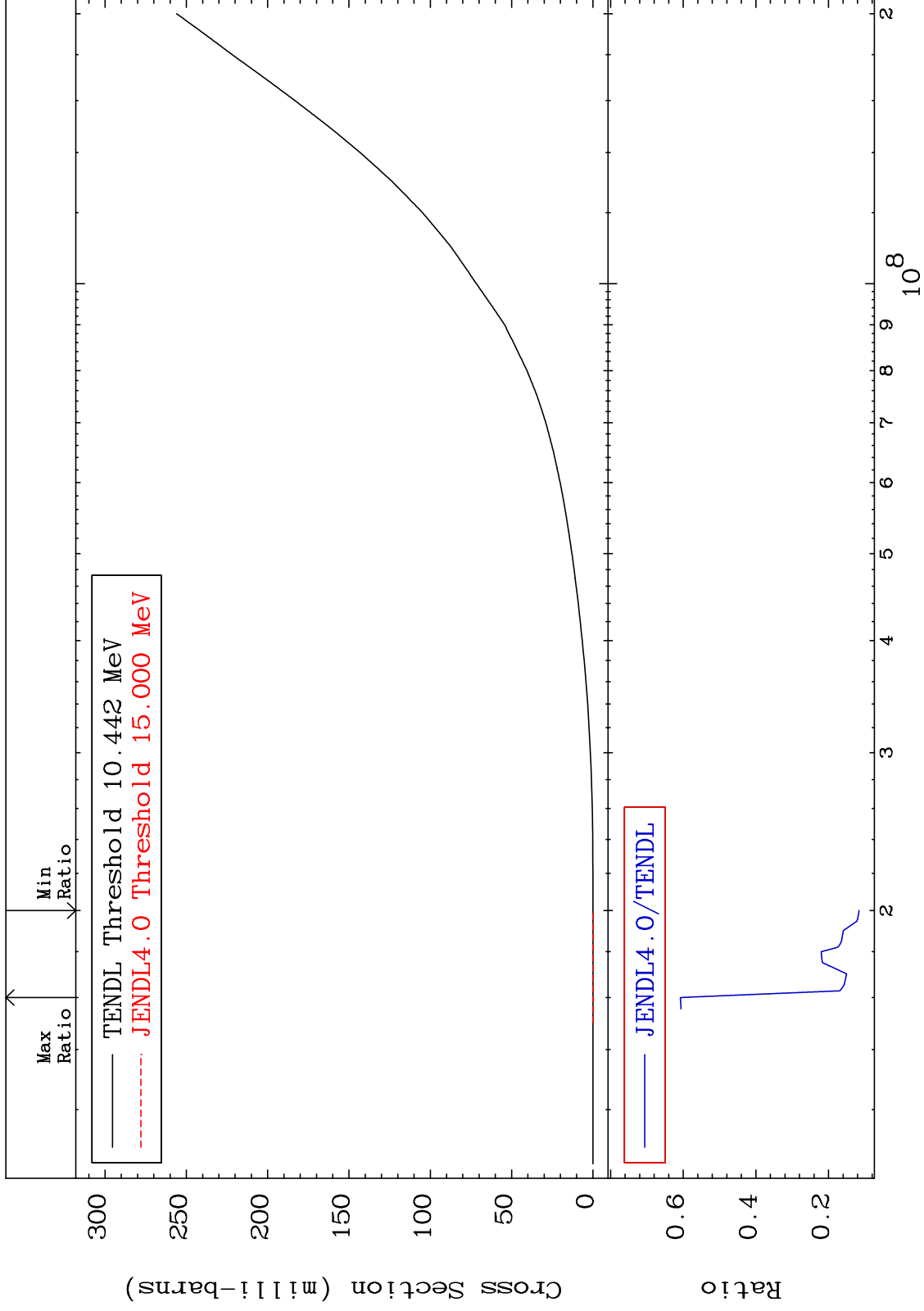
40-Zr-93



MAT 4034

He-3 Production  
Cross Section

40-Zr-93  
-88.41 To -39.23%



48

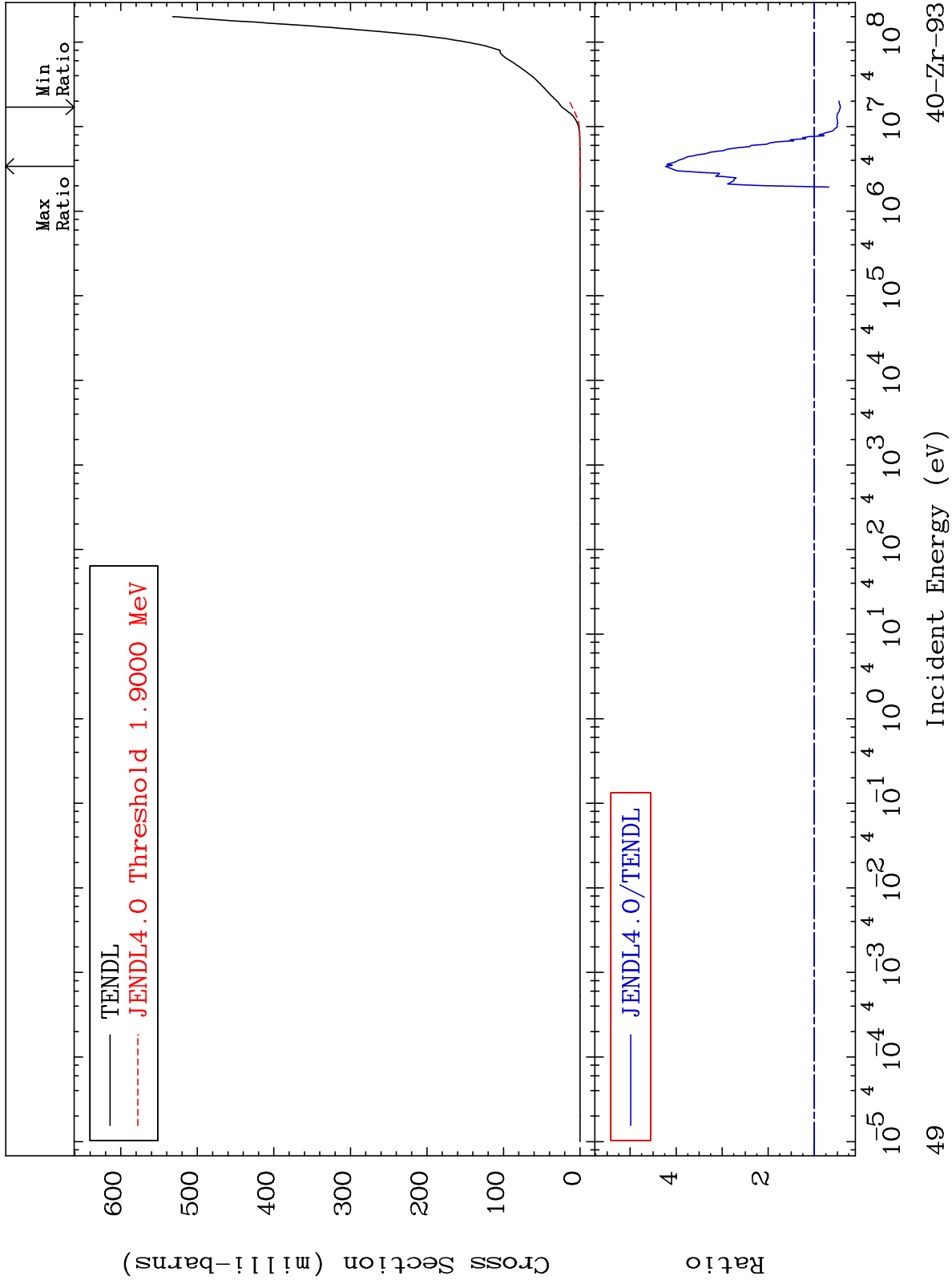
Incident Energy (eV)

40-Zr-93

MAT 4034

He-4 Production  
Cross Section

40-Zr-93  
-56.80 To 322.9 %



49

40-Zr-93

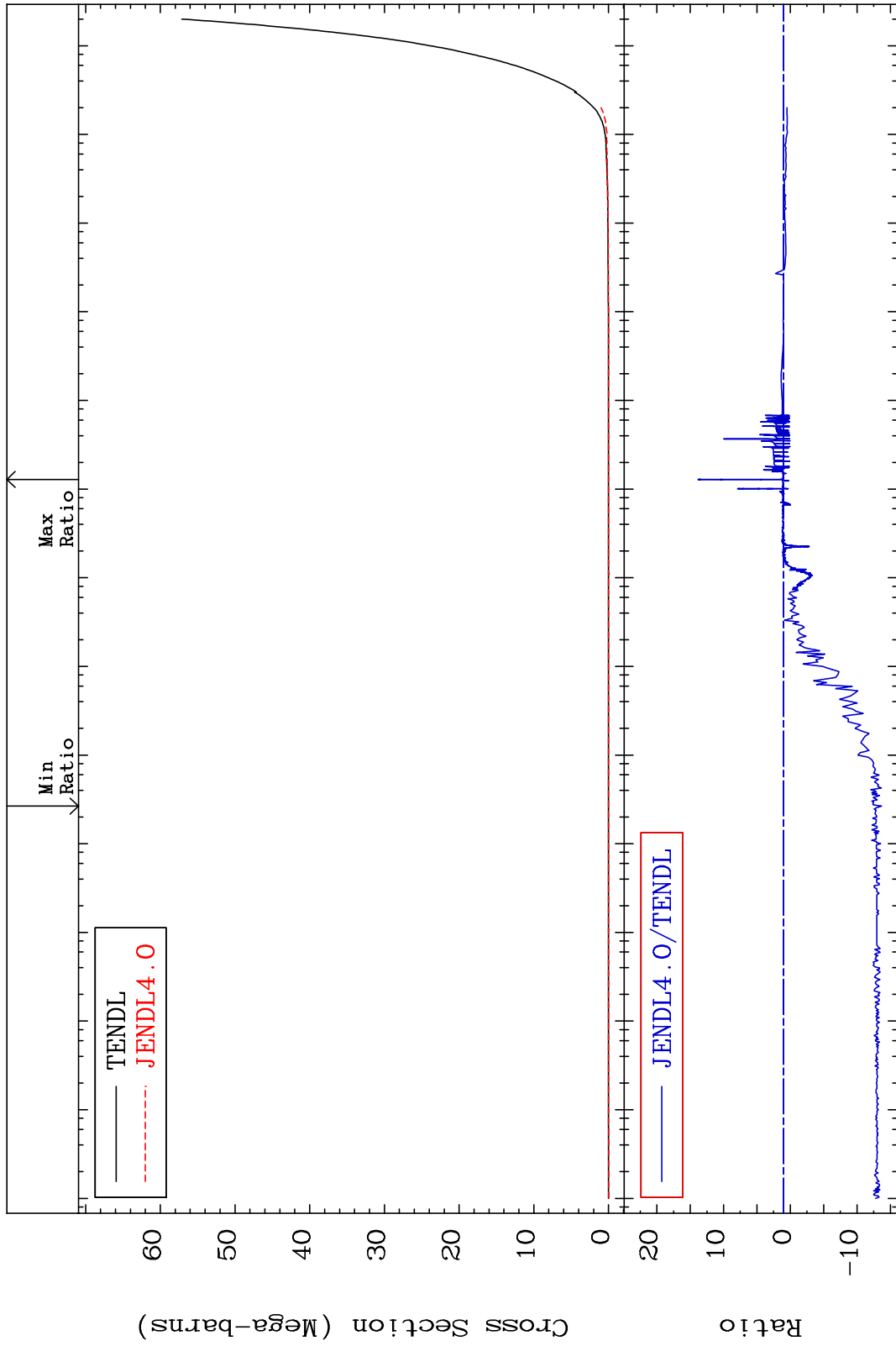
MAT 4034

Kerma total (eV-barns)

40-Zr-93

-1467. To 1278. %

Cross Section



Incident Energy (eV)

50

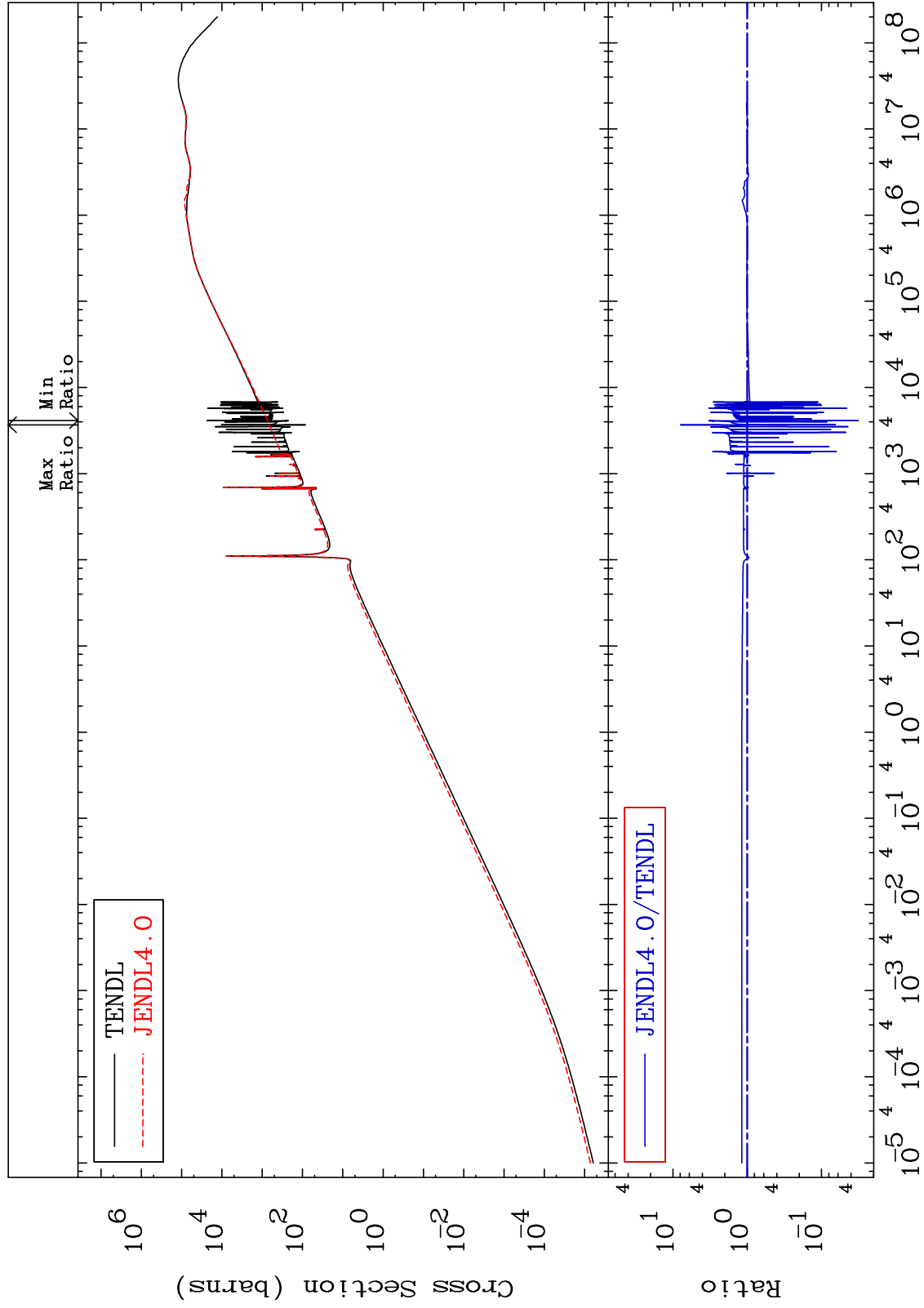
40-Zr-93

40-Zr-93

MAT 4034

Kerma elastic  
Cross Section

40-Zr-93  
-96.82 To 691.4 %



51

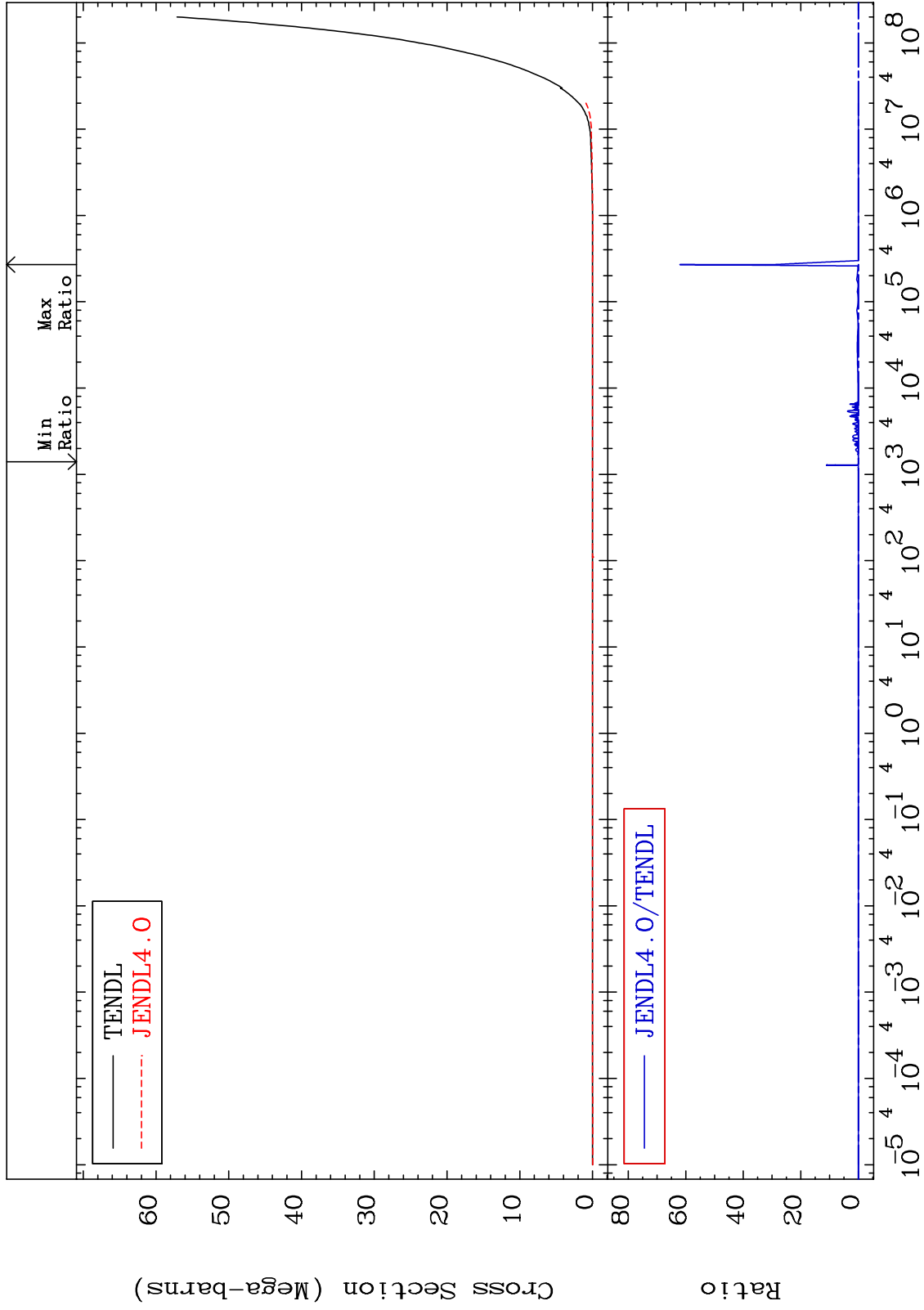
Incident Energy (eV)

40-Zr-93

MAT 4034

Kerma non-elastic (all but mt2)  
Cross Section

40-Zr-93  
-4321. To 9999. %



52

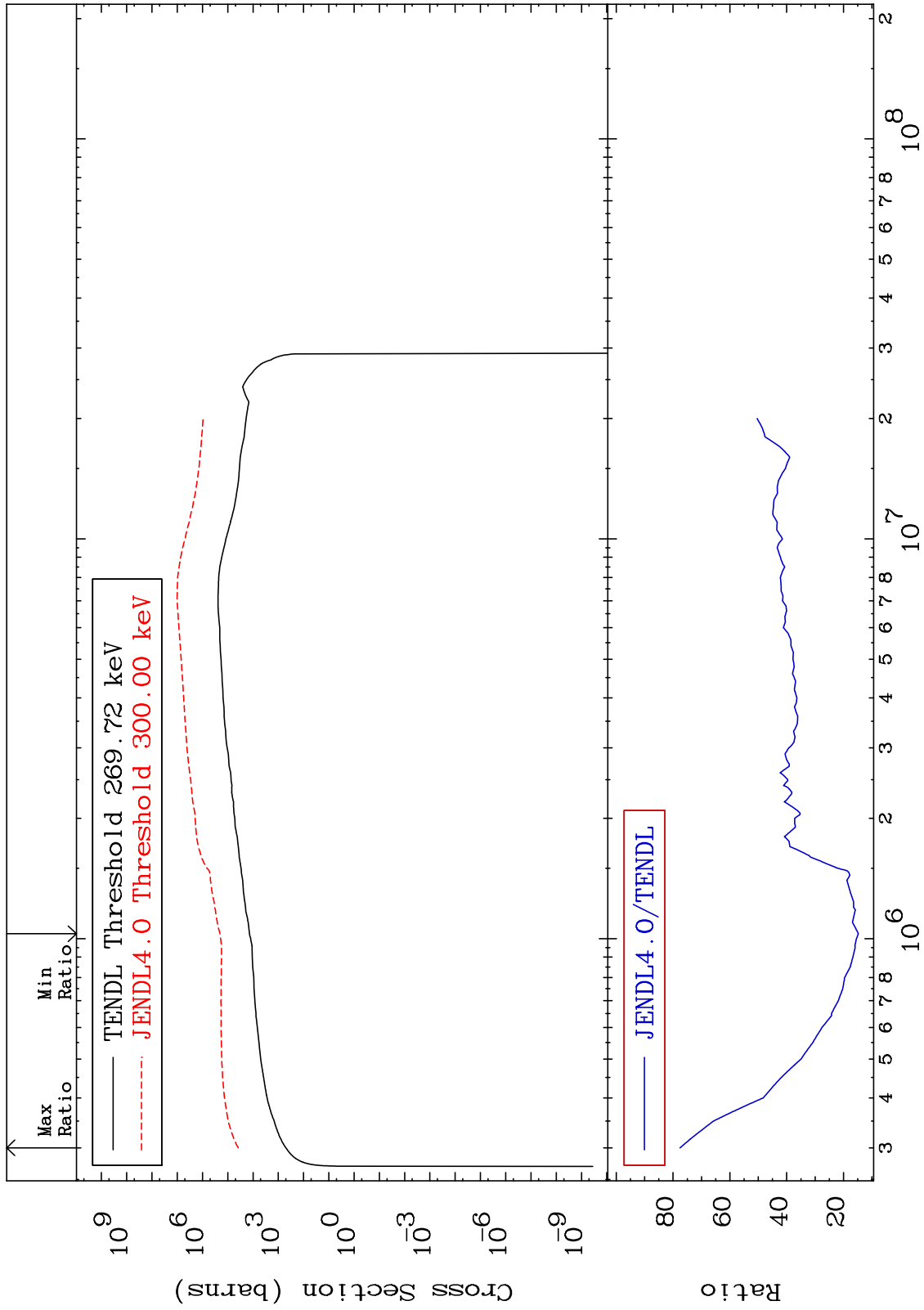
Incident Energy (eV)

40-Zr-93

MAT 4034

Kerma inelastic (mt51-91)  
Cross Section

1376. To 7655. %  
40-Zr-93



53

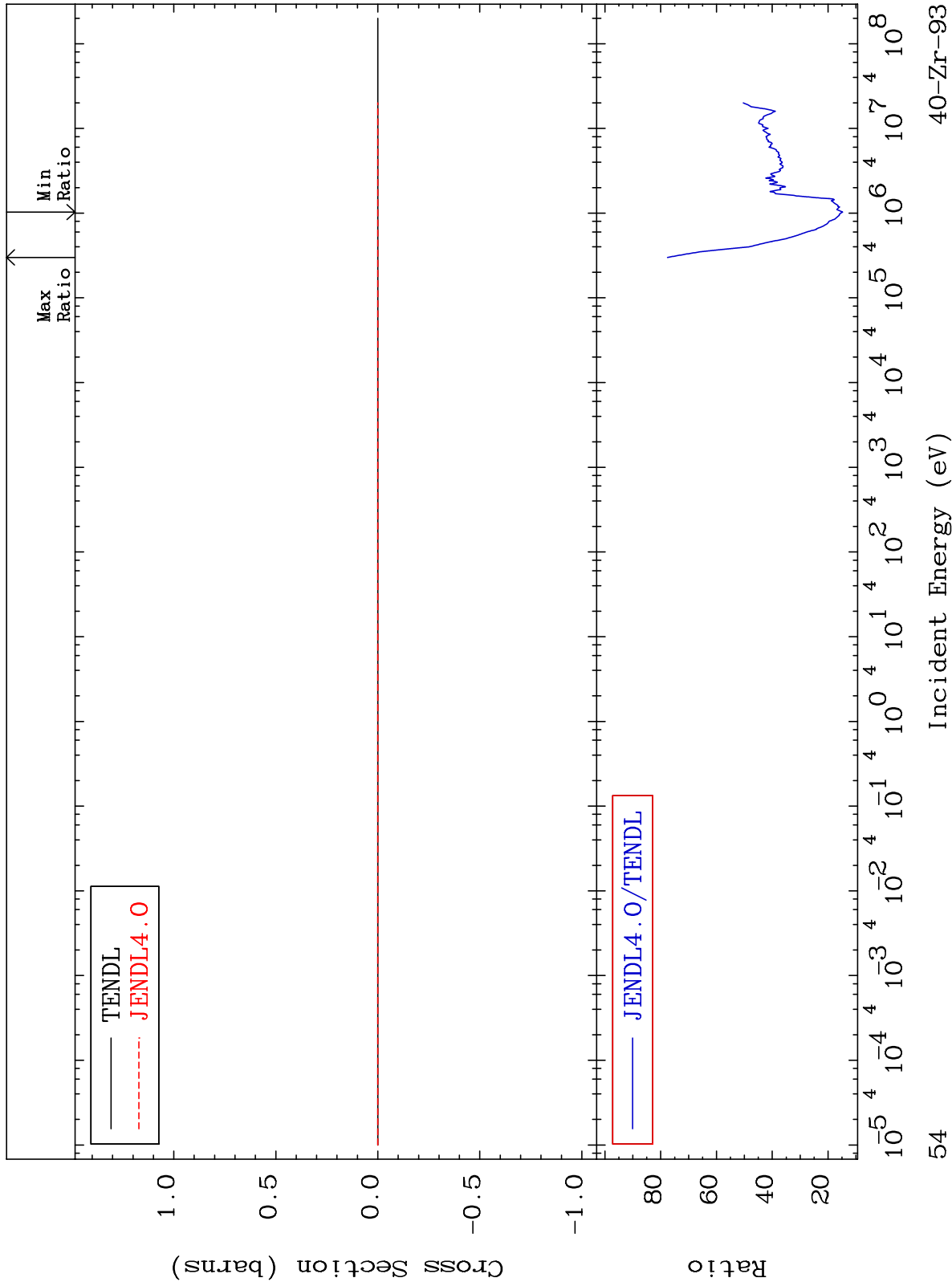
Incident Energy (eV)

40-Zr-93

MAT 4034

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

40-Zr-93  
1376. To 7655. %

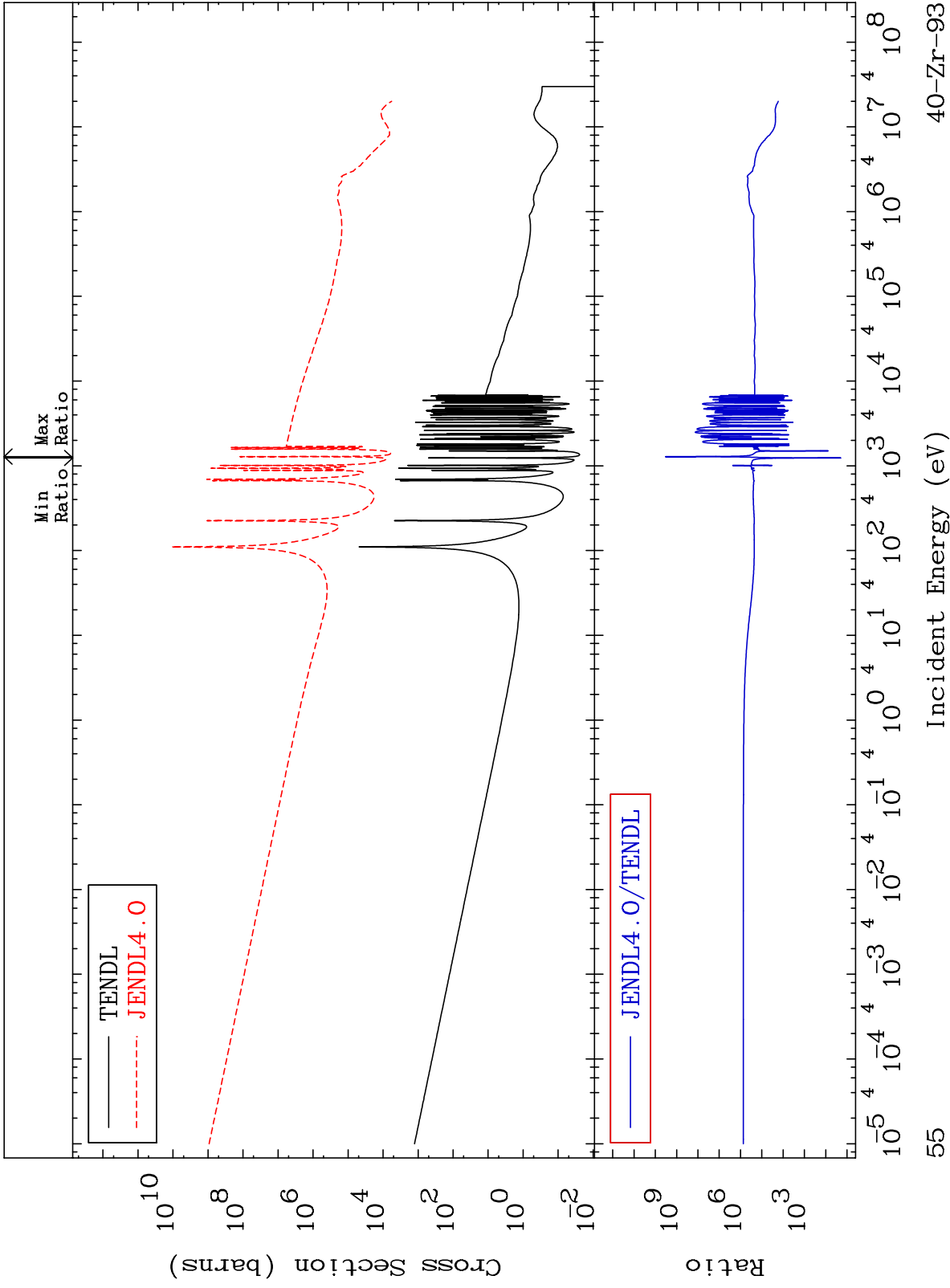


40-Zr-93

MAT 4034

Kerma capture (mt102)  
Cross Section

40-Zr-93  
1896. To 9999. %



55

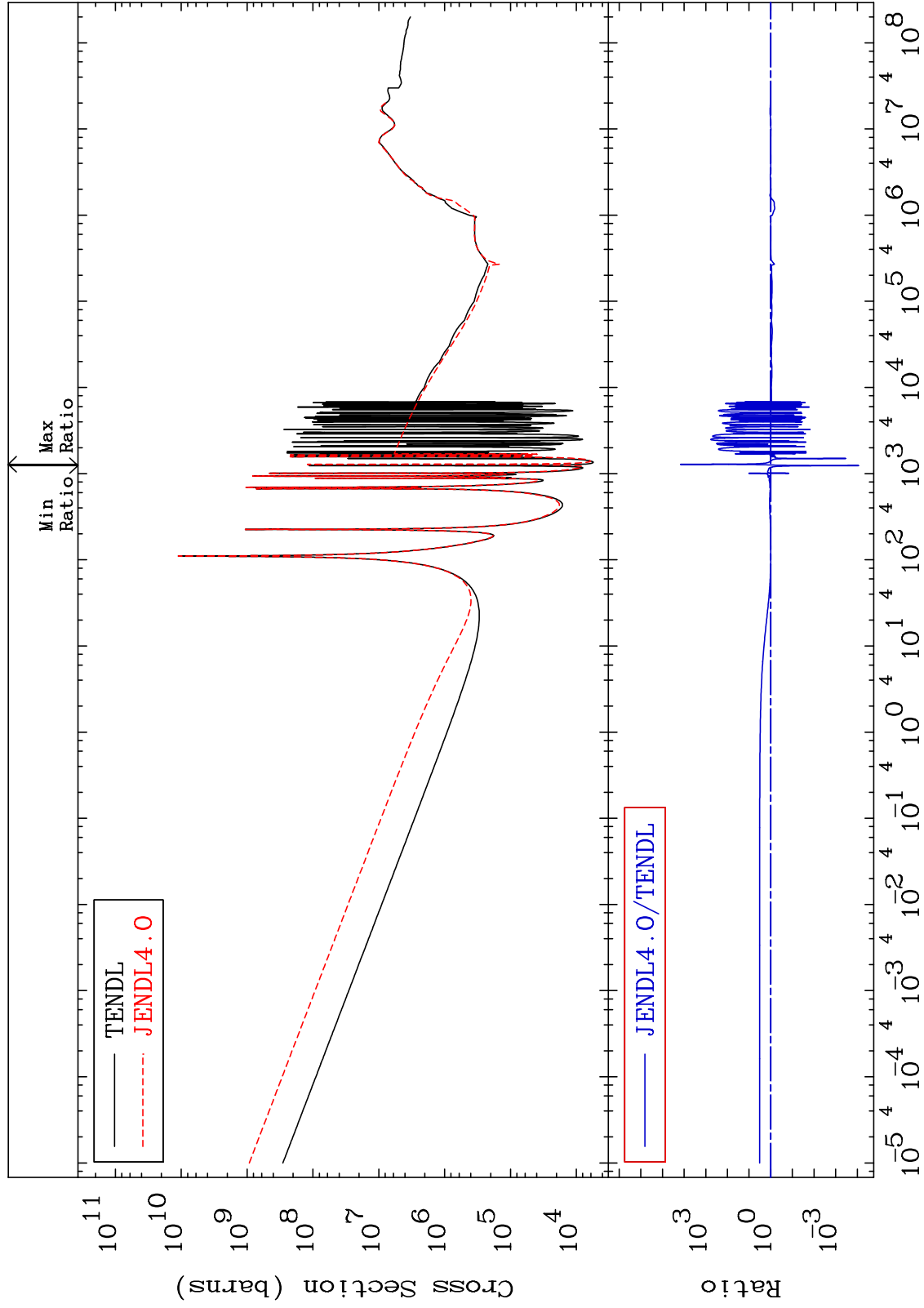
40-Zr-93



MAT 4034

Total photon (eV-barns)  
Cross Section

40-Zr-93  
-99.99 To 9999. %



56

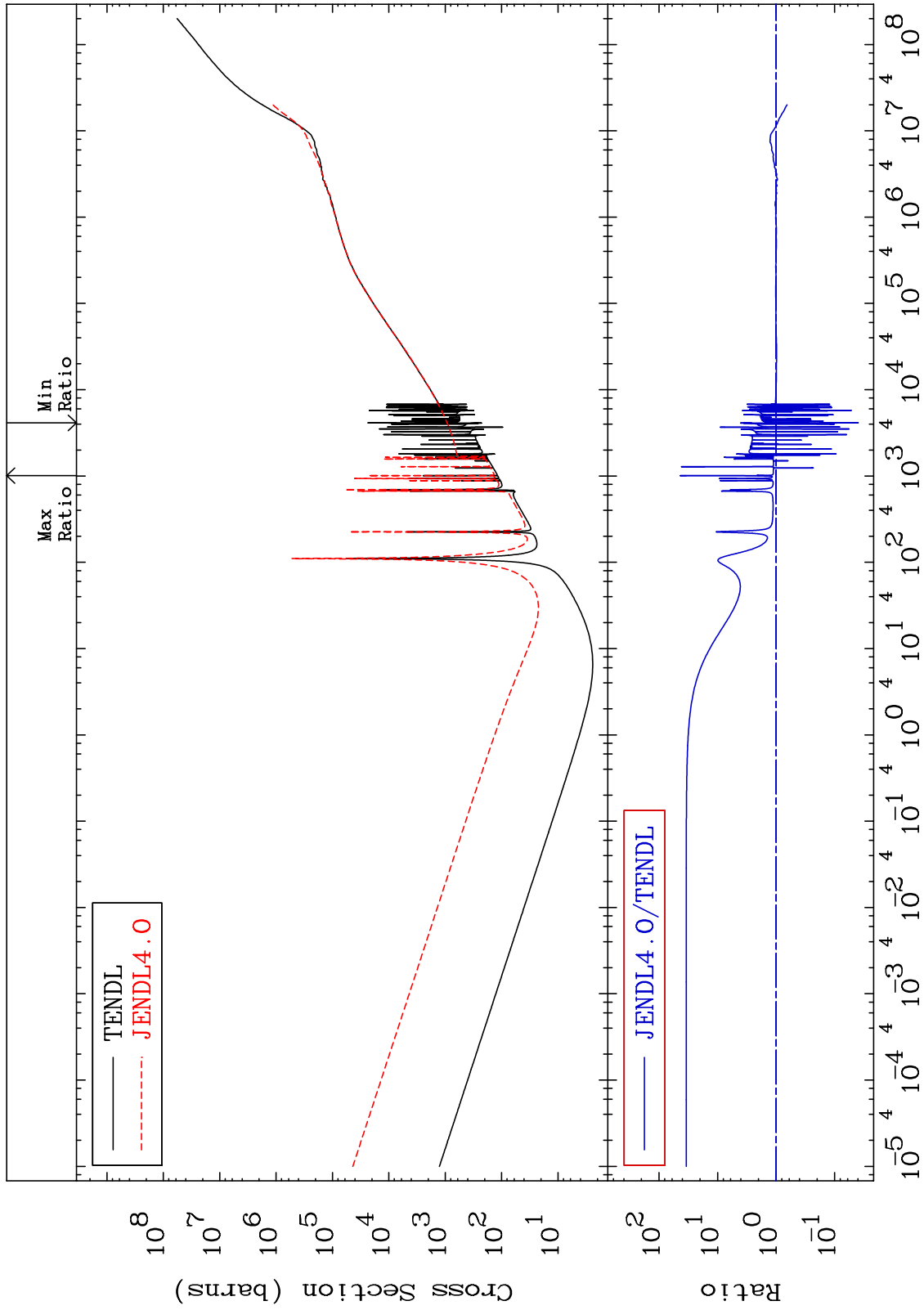
Incident Energy (eV)

40-Zr-93

MAT 4034

Total kinematic kerma (high limit)  
Cross Section

40-Zr-93  
-96.07 To 4284. %



57

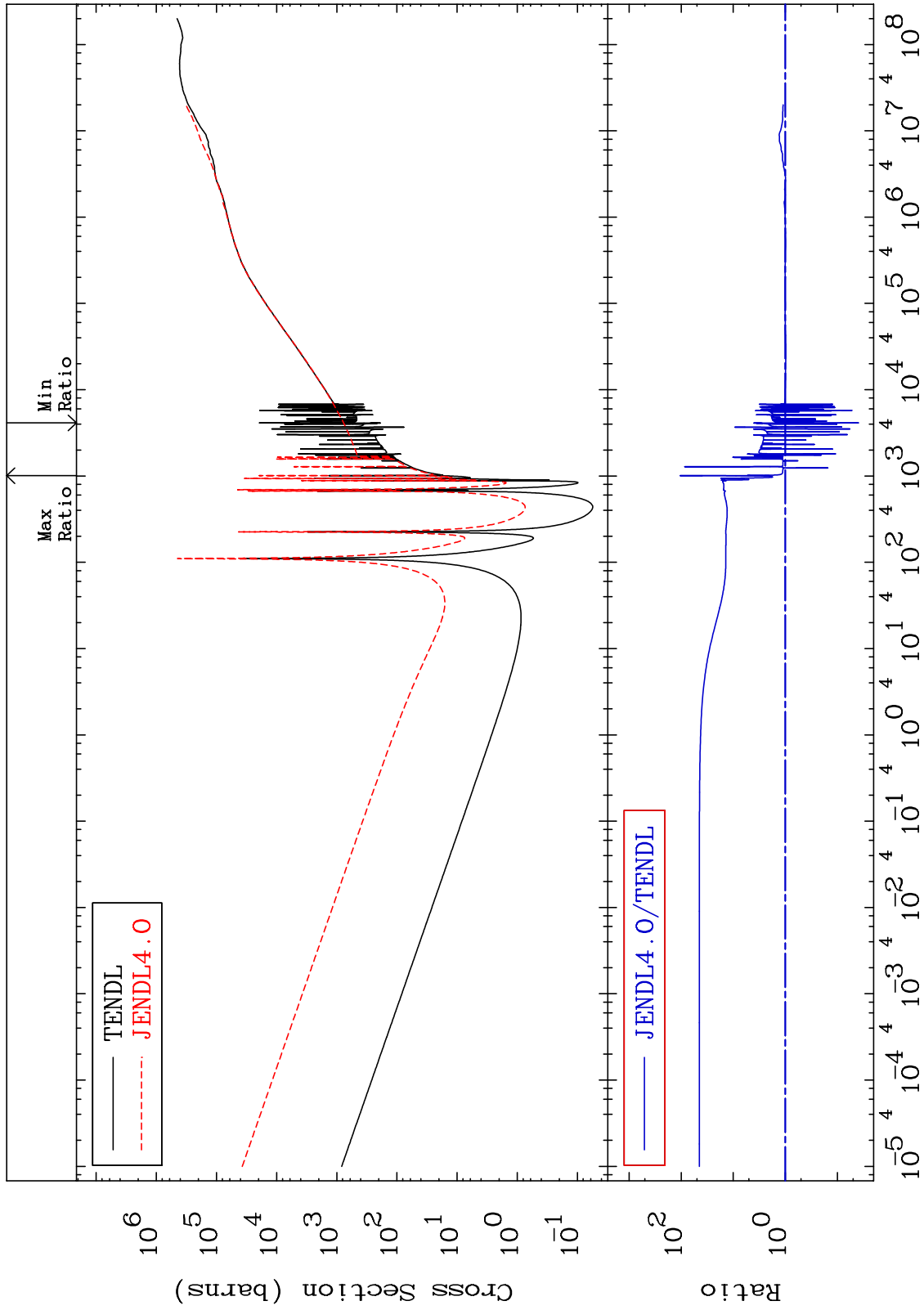
Incident Energy (eV)

40-Zr-93

MAT 4034

Dpa total (eV-barns)  
Cross Section

40-Zr-93  
-96.04 To 9999. %



58

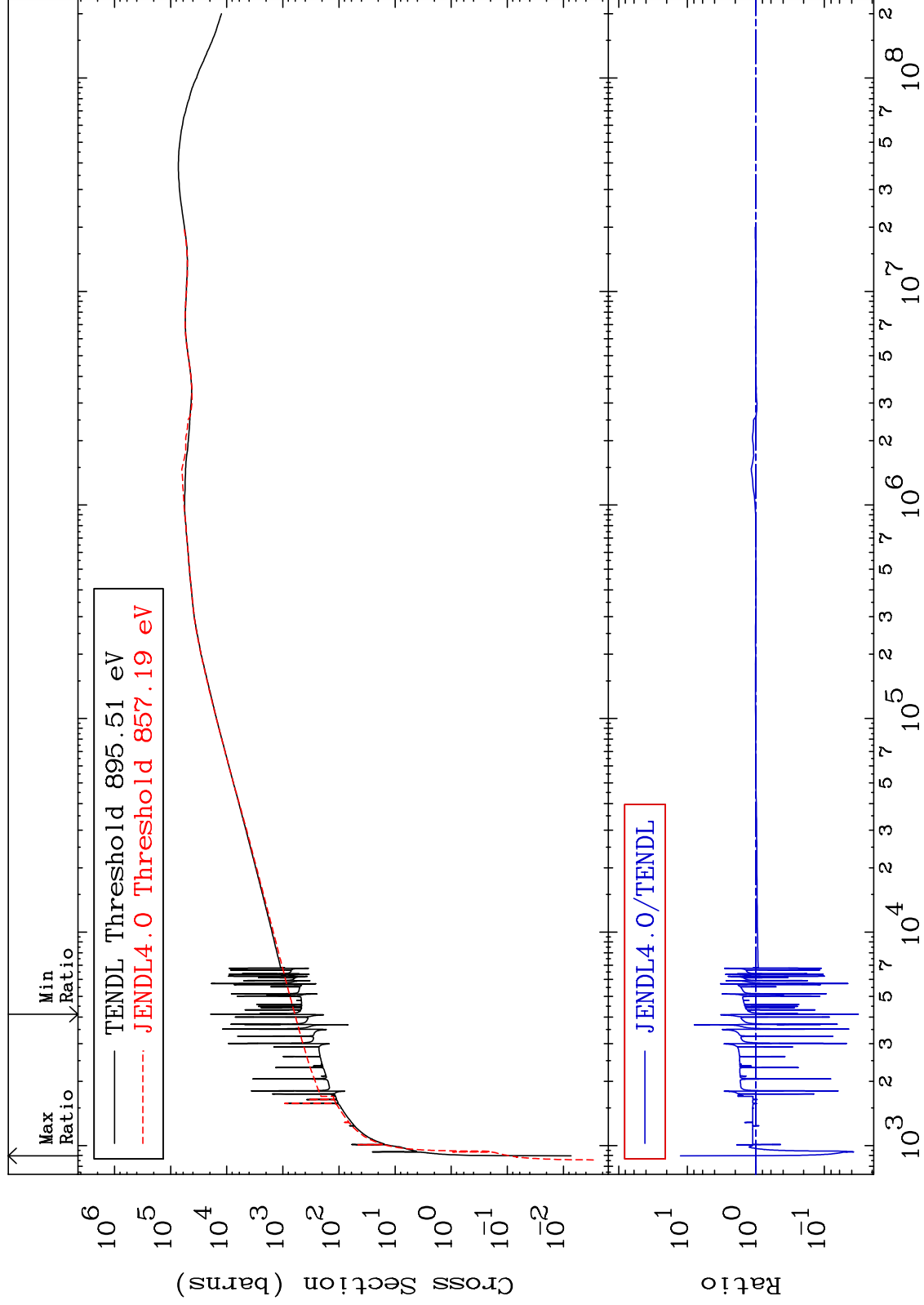
Incident Energy (eV)

40-Zr-93

MAT 4034

Dpa elastic (mt2)  
Cross Section

40-Zr-93  
-96.83 To 1158. %



59

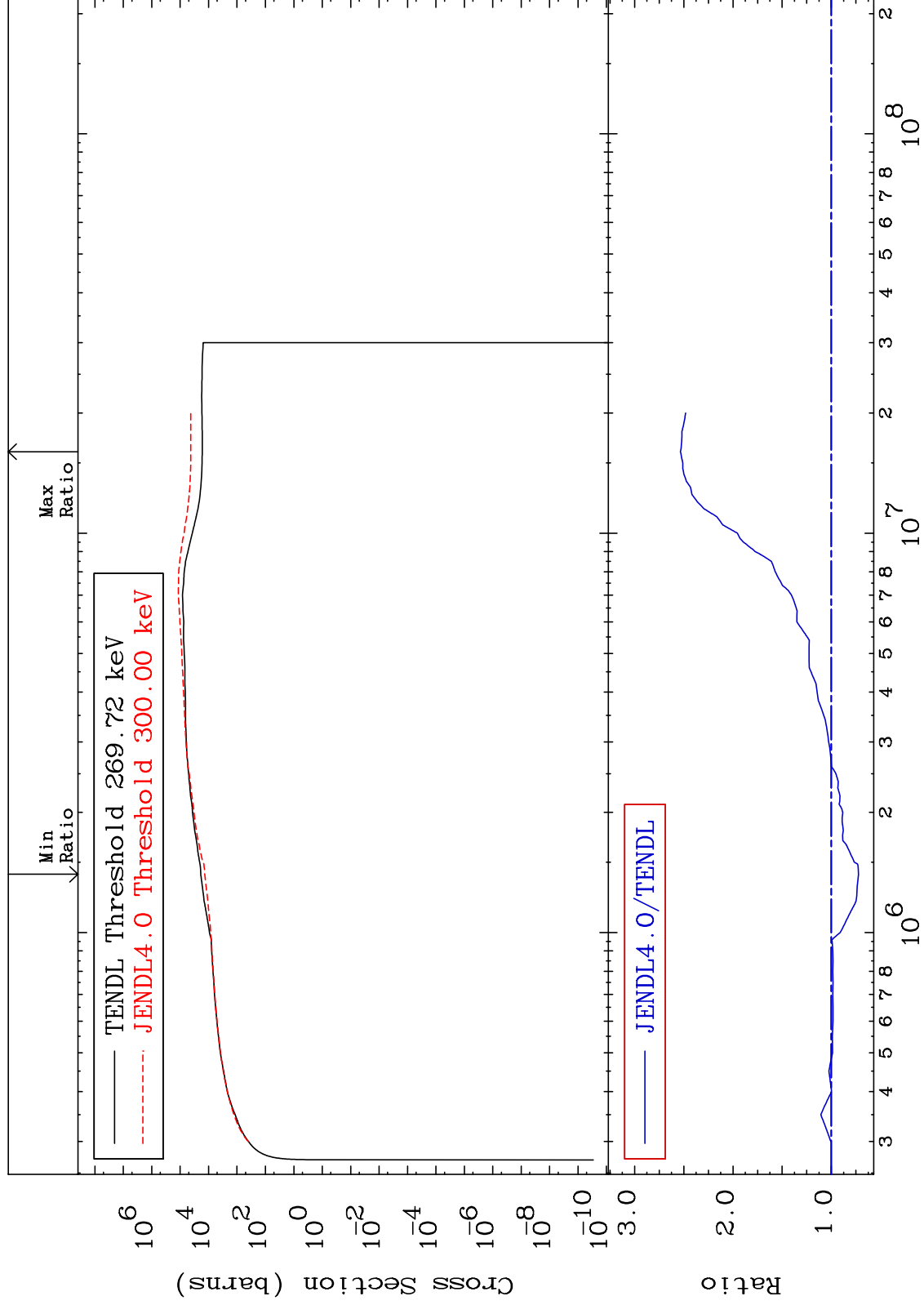
Incident Energy (eV)

40-Zr-93

MAT 4034

Dpa inelastic (mt51-91)  
Cross Section

40-Zr-93  
-27.61 To 153.4 %



60

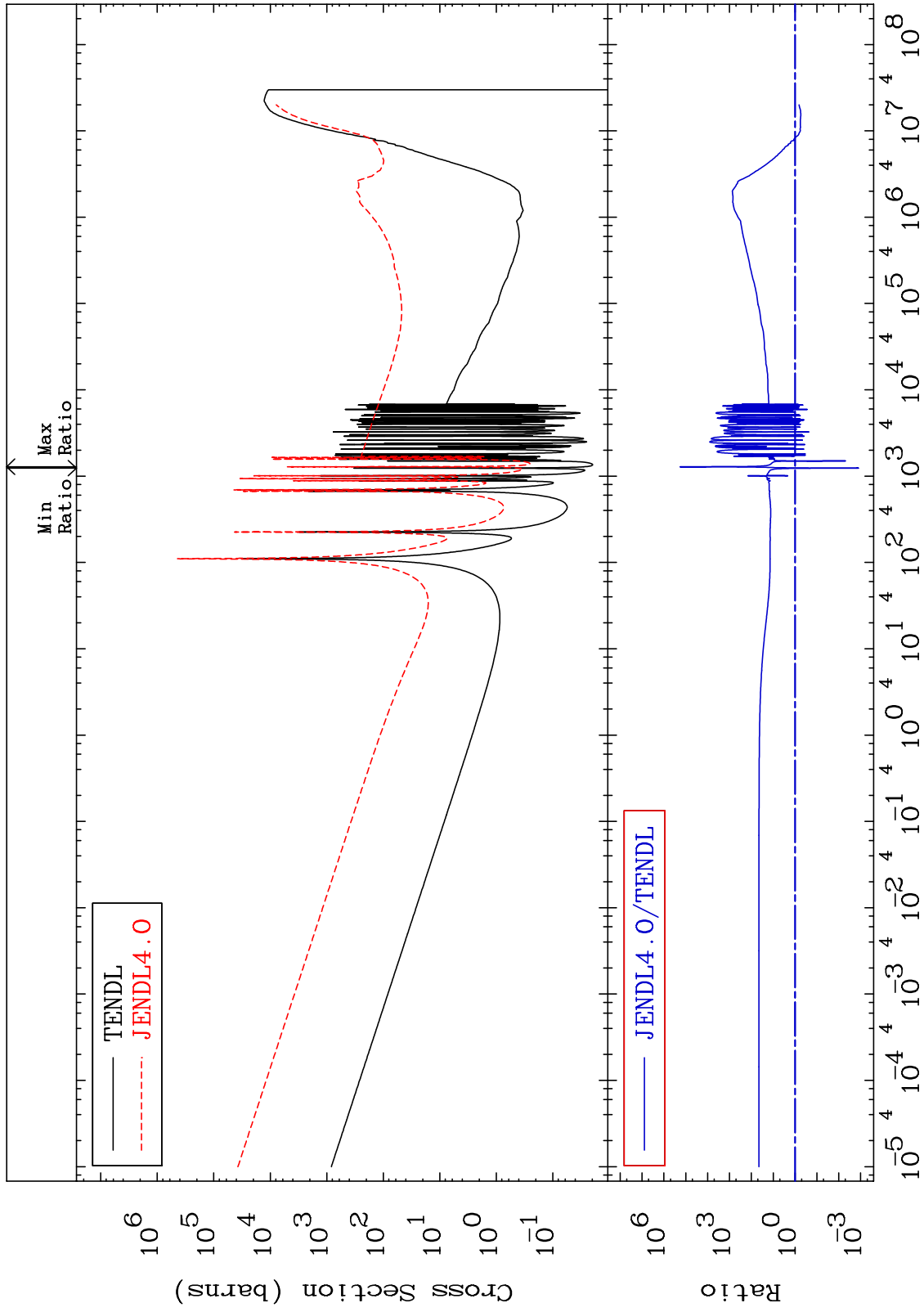
Incident Energy (eV)

40-Zr-93

MAT 4034

Dpa disappearance (mt102 -120)  
Cross Section

40-Zr-93  
-99.87 To 9999. %



61

Incident Energy (eV)

40-Zr-93