

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

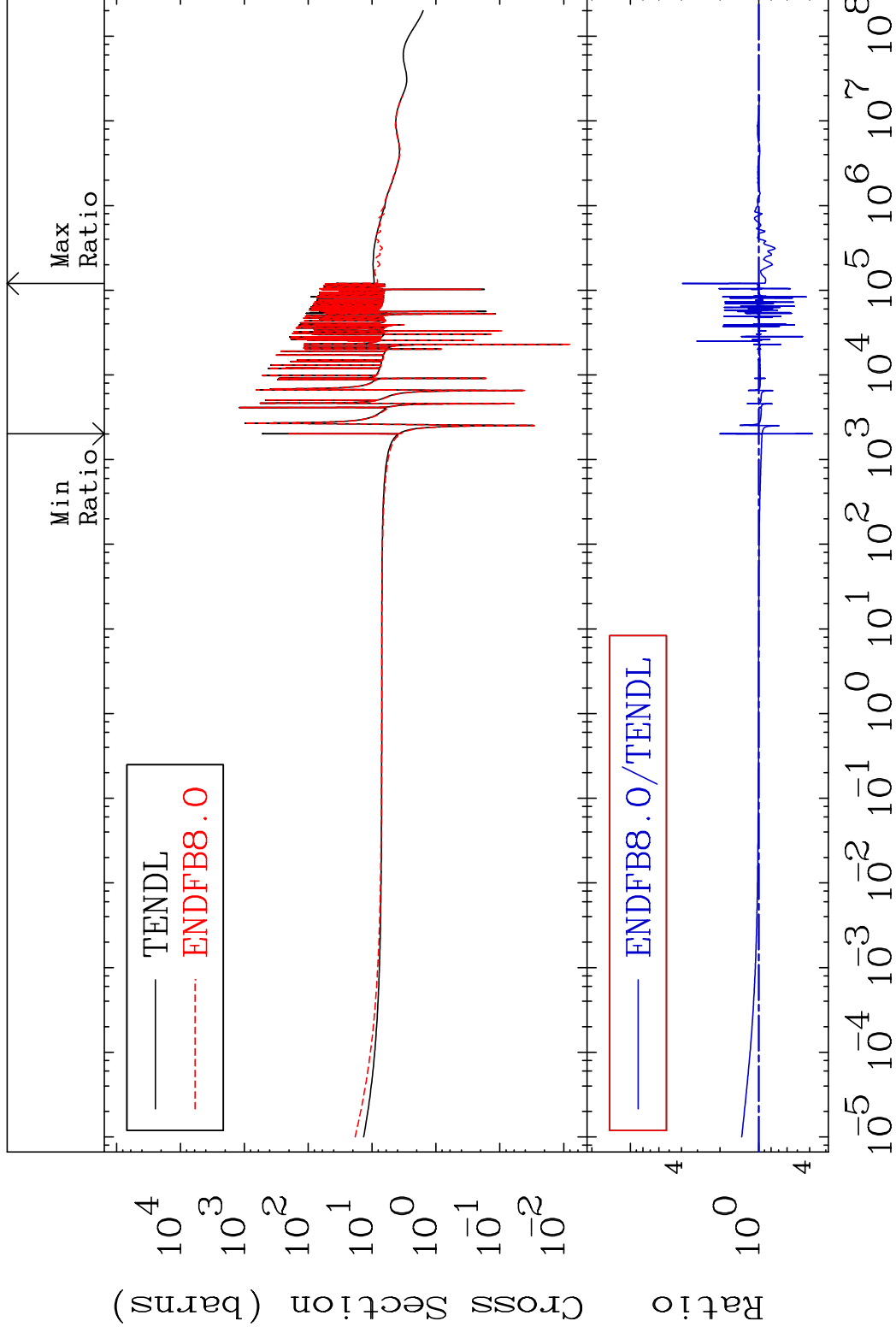
MAT 4031

Total

40-Zr-92

Cross Section

-61.99 To 293.8 %



1

Incident Energy (eV)

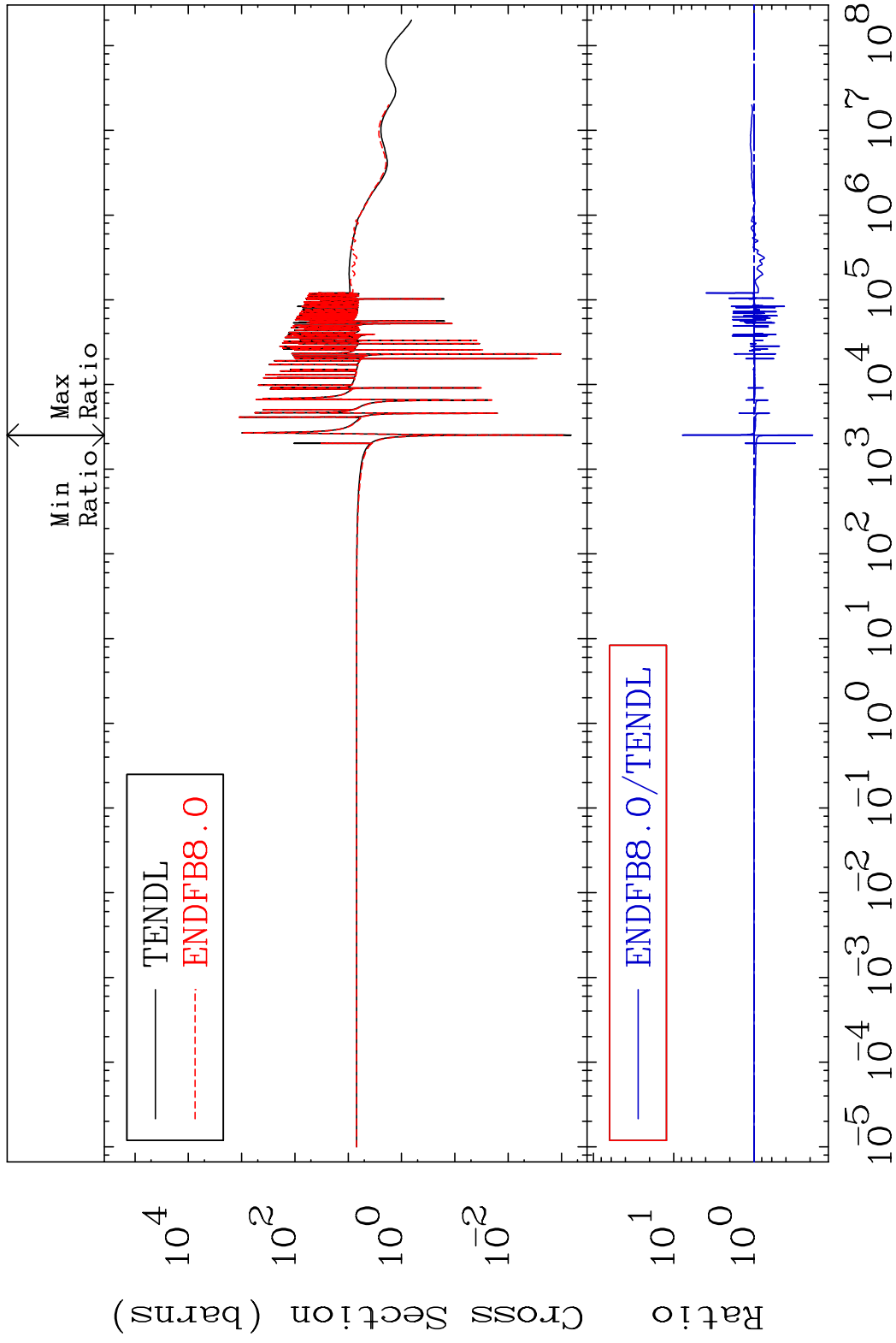
40-Zr-92

MAT 4031

Elastic

40-Zr-92

Cross Section -81.42 To 680.5 %



2

Incident Energy (eV)

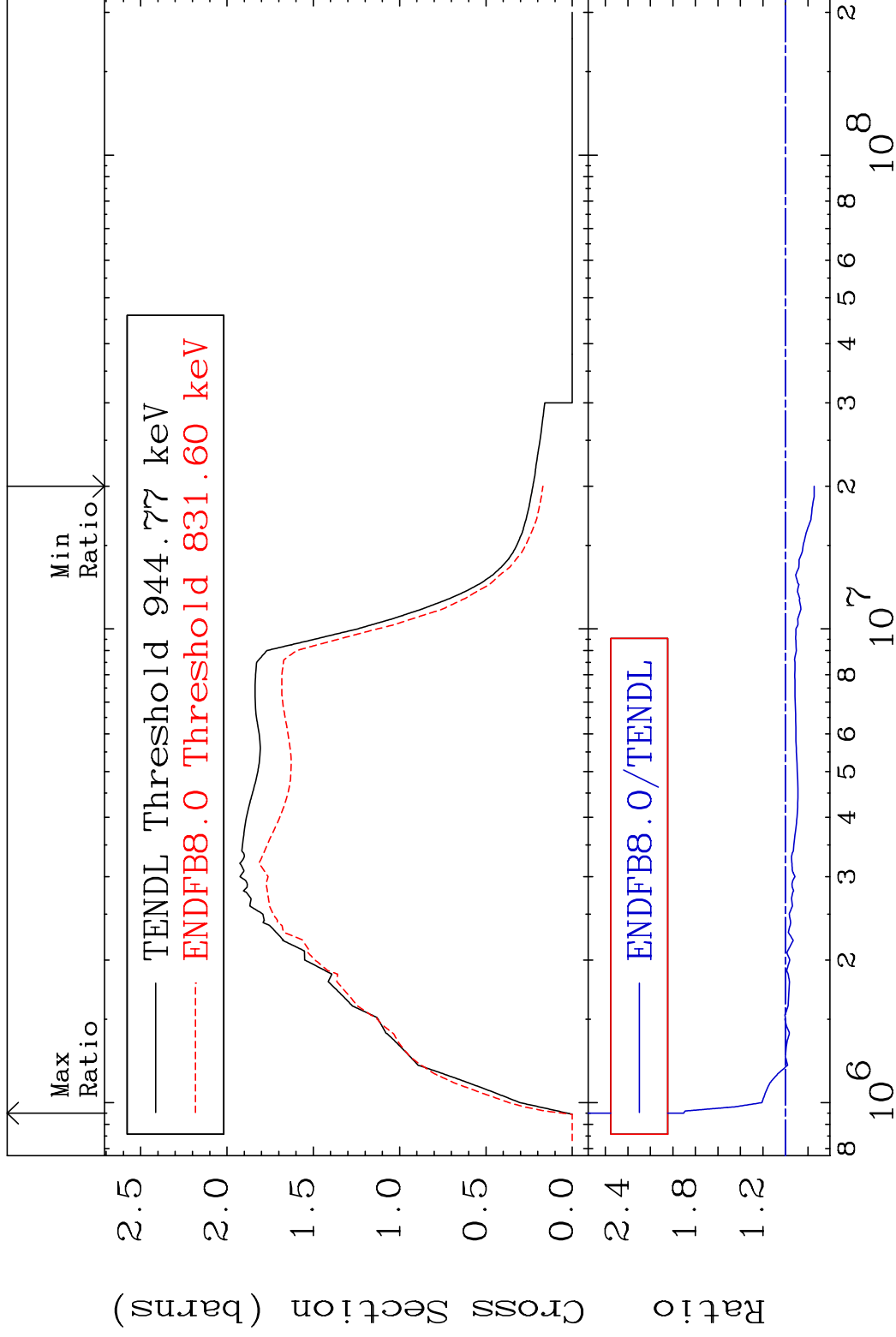
40-Zr-92

MAT 4031

Inelastic

40-Zr-92

Cross Section -25.45 To 90.43 %



3

Incident Energy (eV)

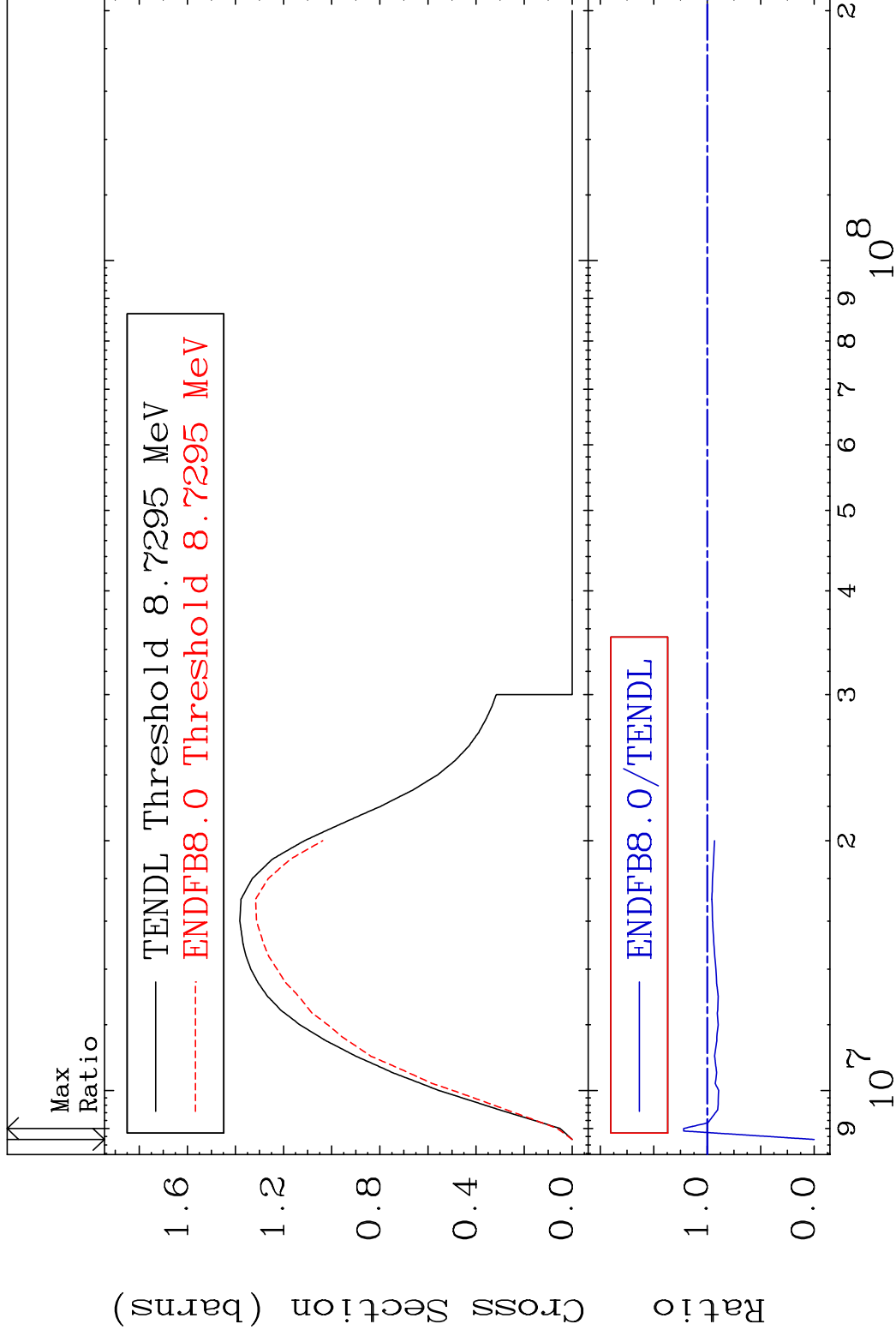
40-Zr-92

MAT 4031

(n,2n)

40-Zr-92

Cross Section -100.0 To 22.05 %



4

Incident Energy (eV)

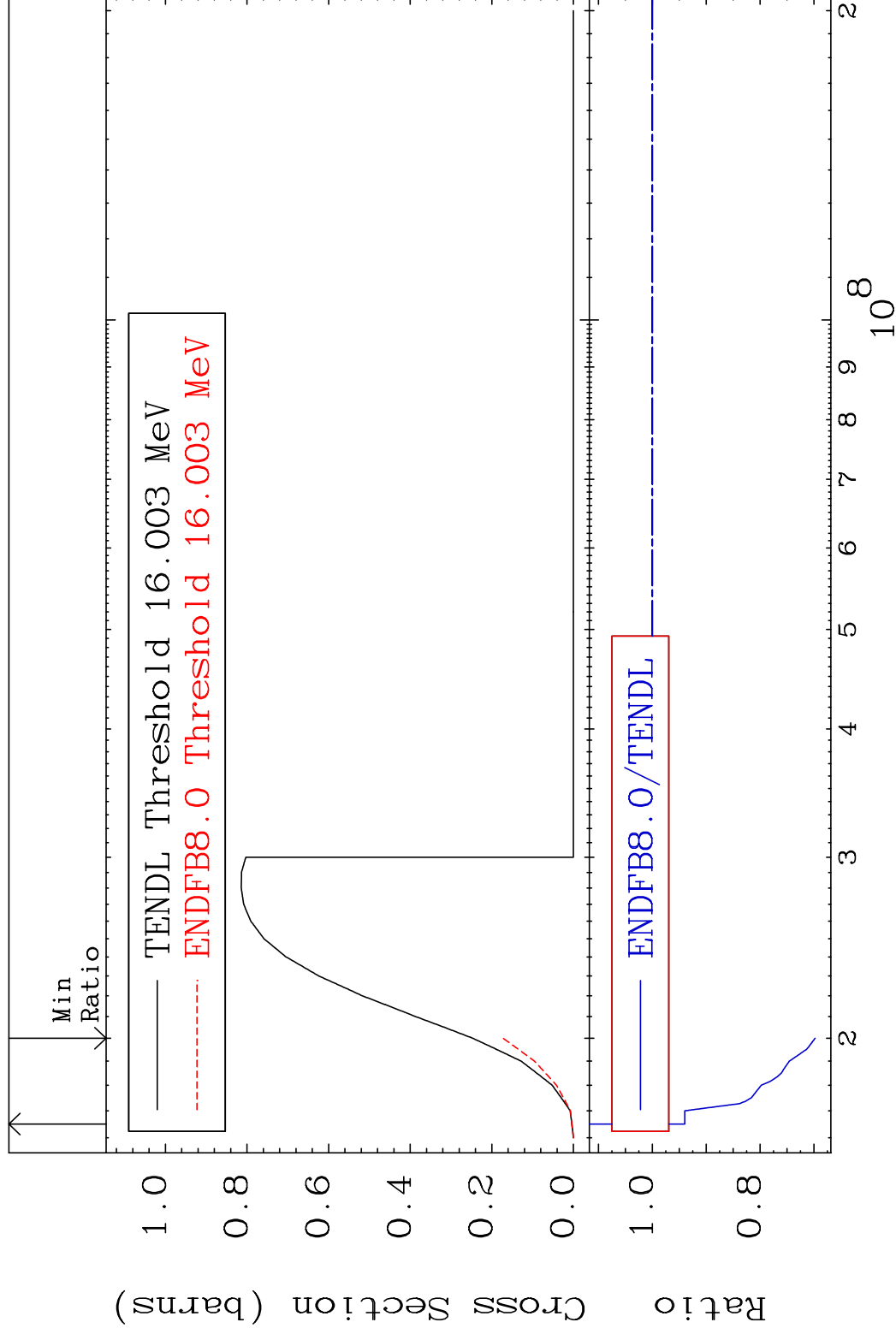
40-Zr-92

MAT 4031

(n,3n)

40-Zr-92

Cross Section -30.20 To -6.009%



5

Incident Energy (eV)

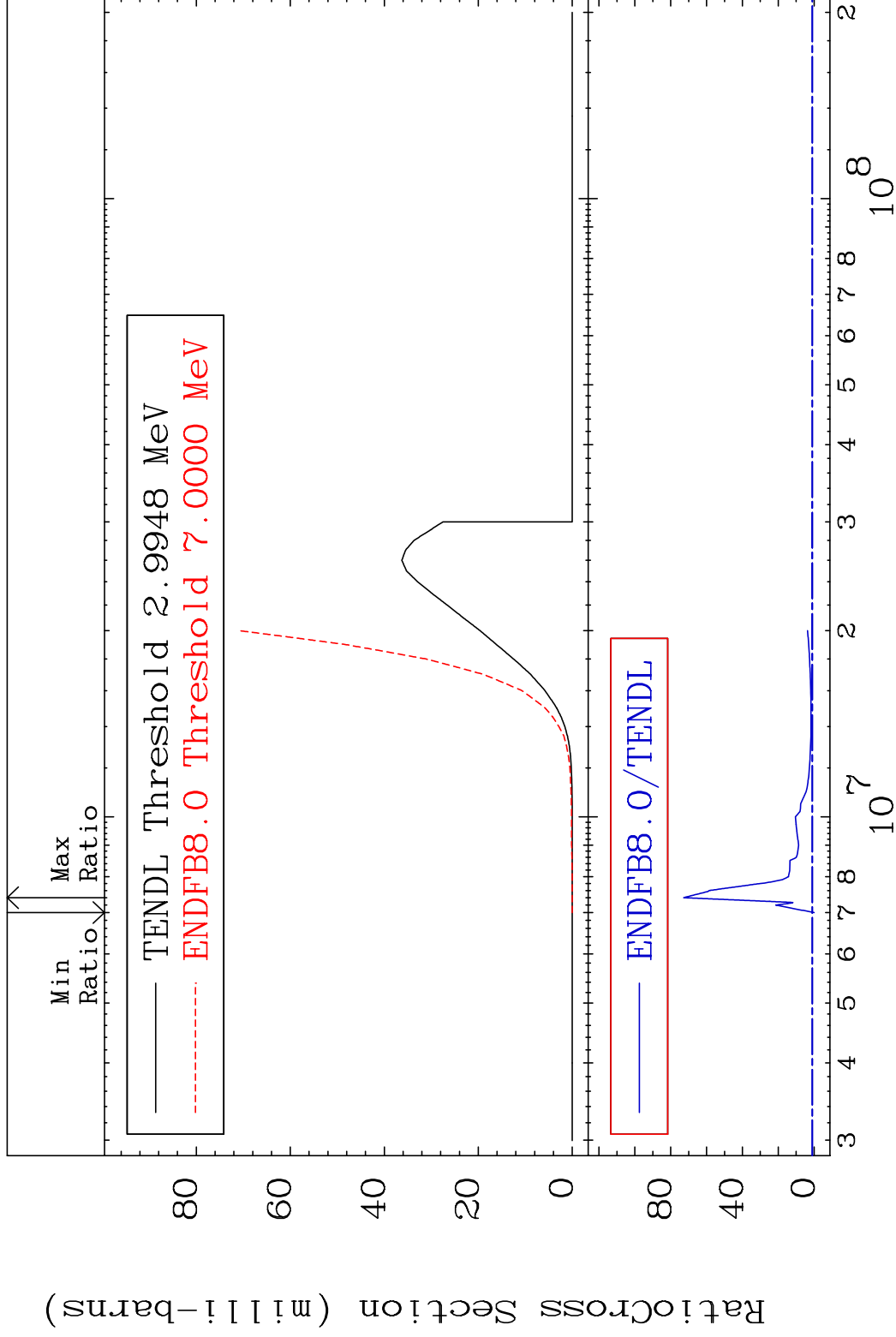
40-Zr-92

MAT 4031

(n, n')  $\alpha$

40-Zr-92

Cross Section -100.0 To 7178. %



6

Incident Energy (eV)

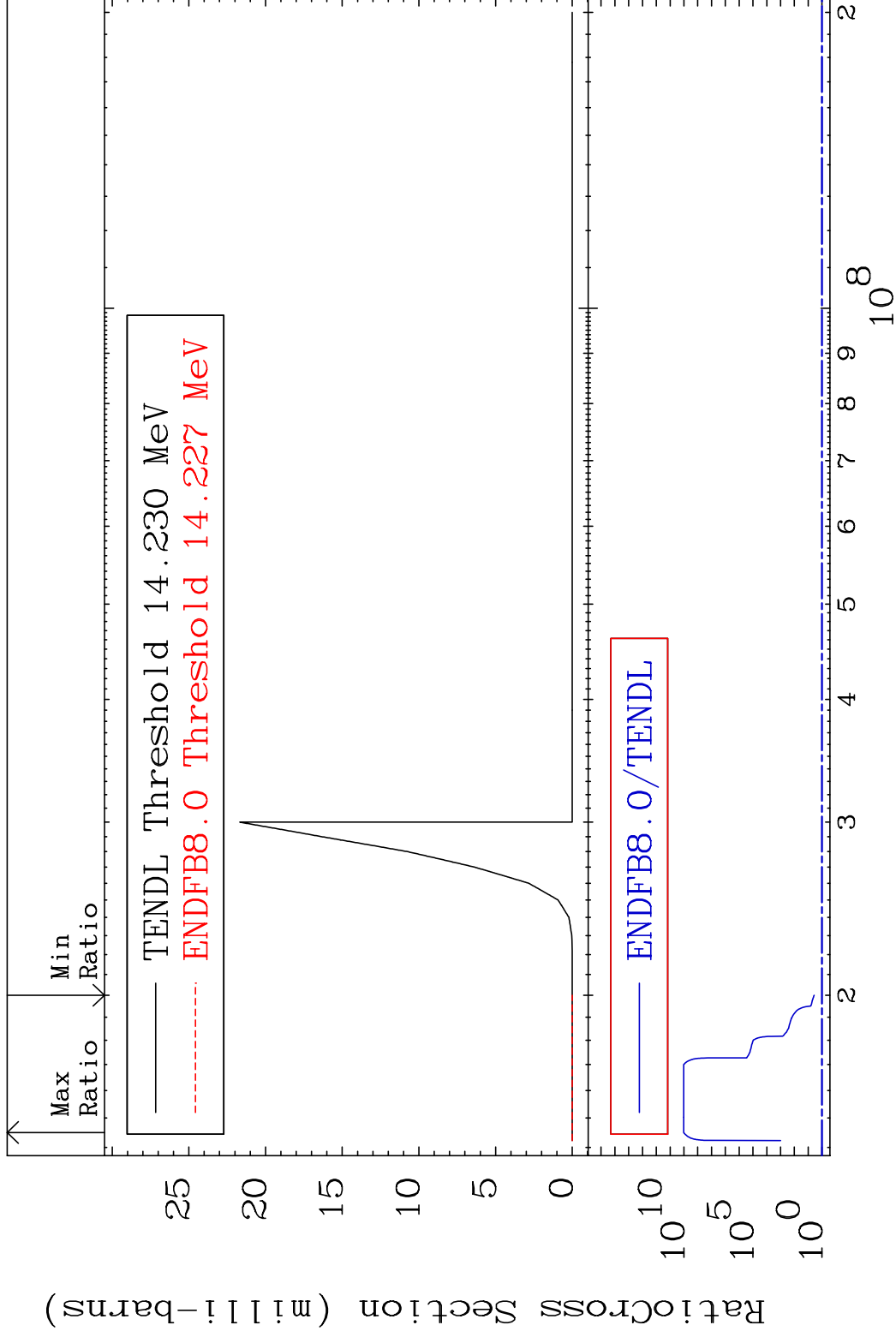
40-Zr-92

MAT 4031

(n,2n)  $\alpha$

40-Zr-92

Cross Section 271.9 To 9999. %



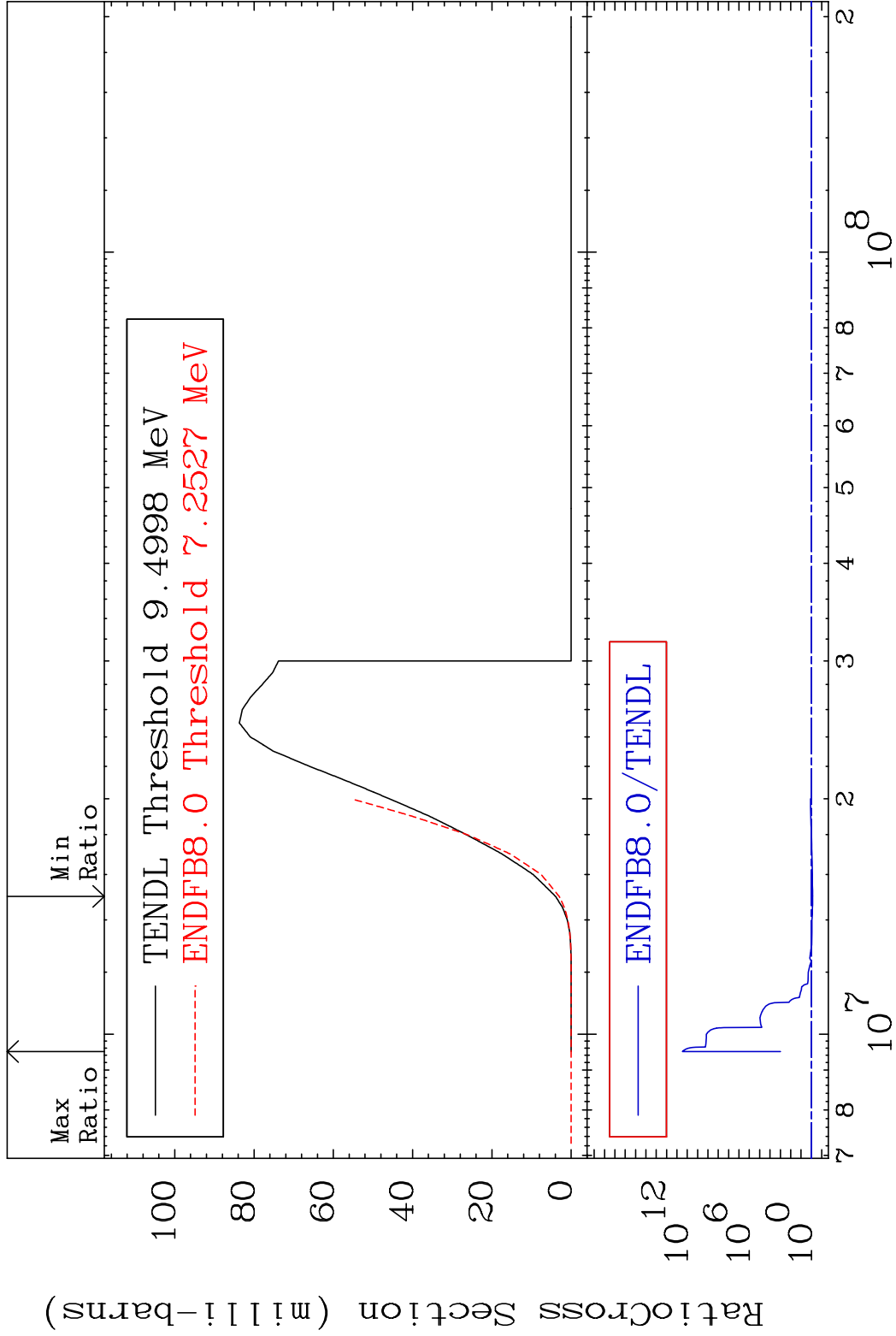


MAT 4031

(n, n') p

40-Zr-92

Cross Section -23.15 To 9999. %



8

Incident Energy (eV)

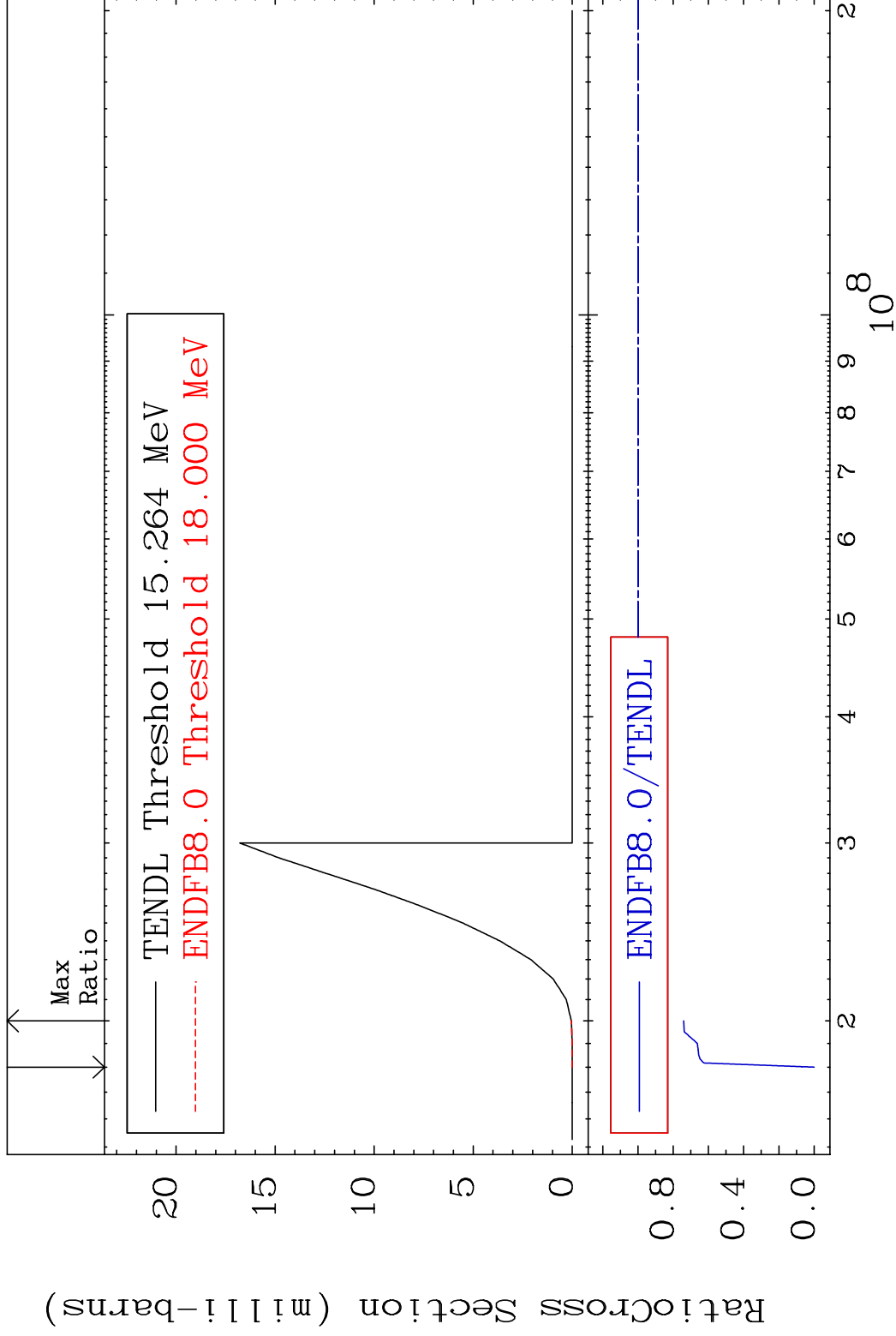
40-Zr-92

MAT 4031

(n, n') d

40-Zr-92

Cross Section -100.0 To -25.95%

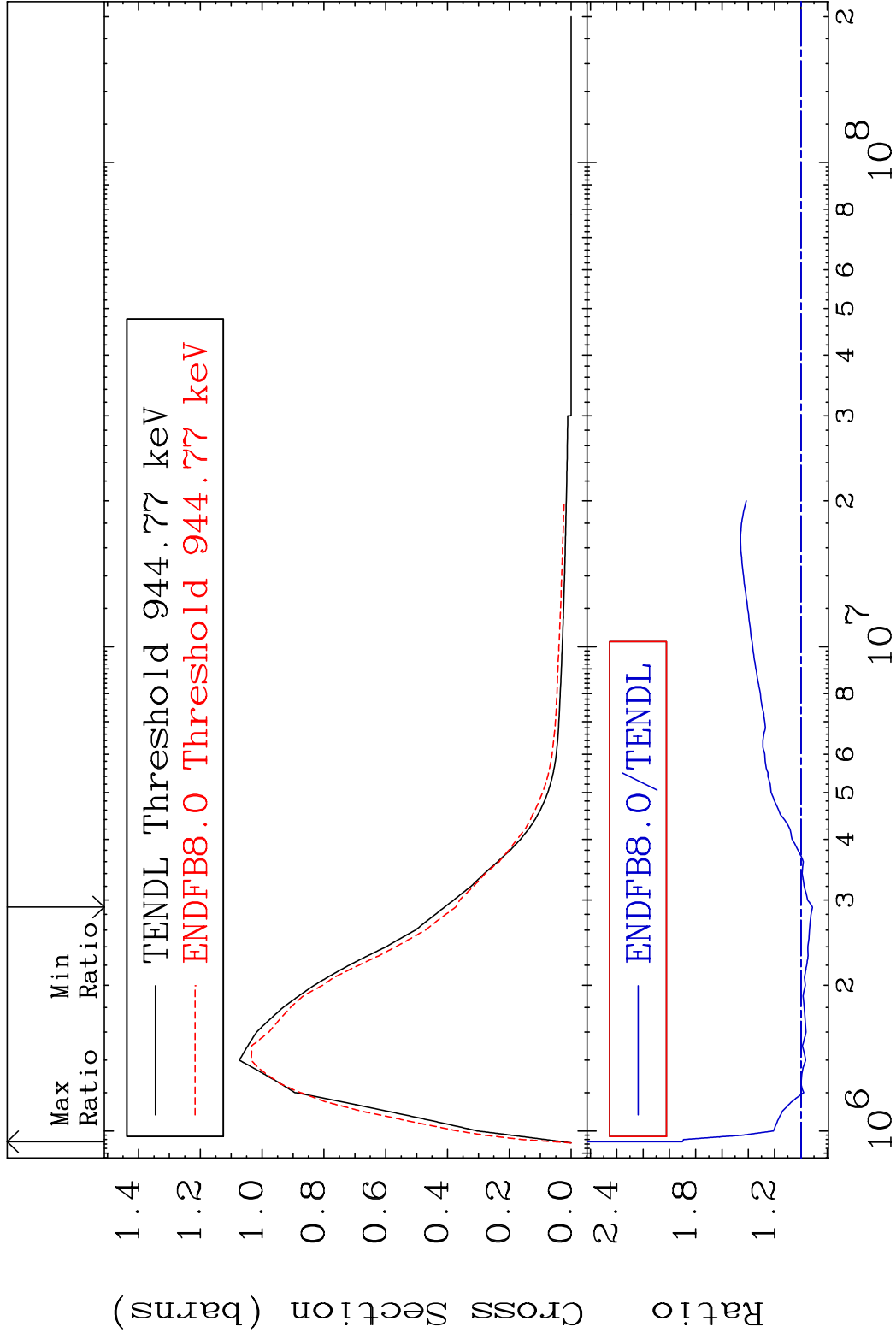


MAT 4031

MT= 51 (n, n') Level

40-Zr-92

Cross Section -8.856 To 90.13 %

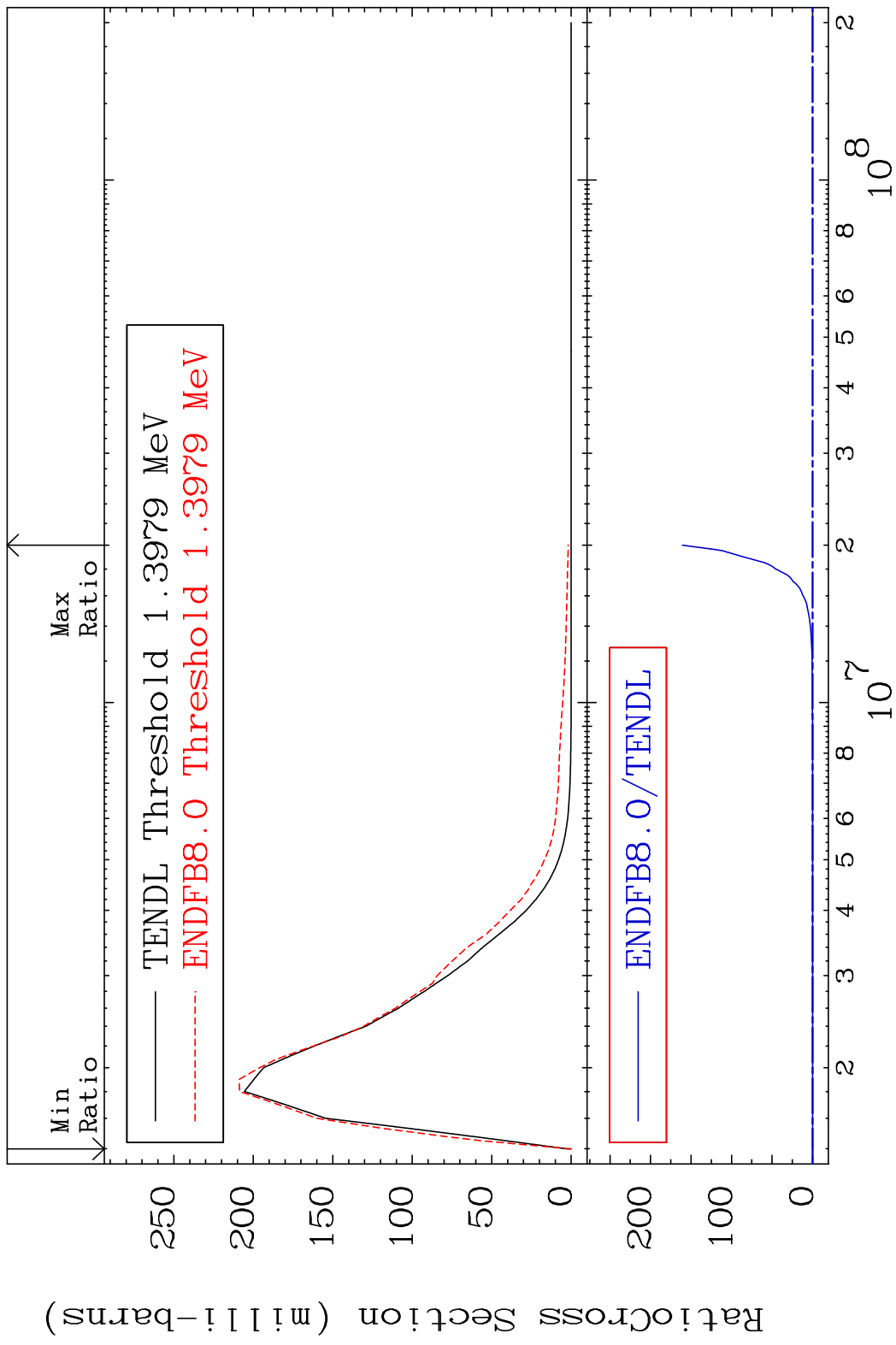


10

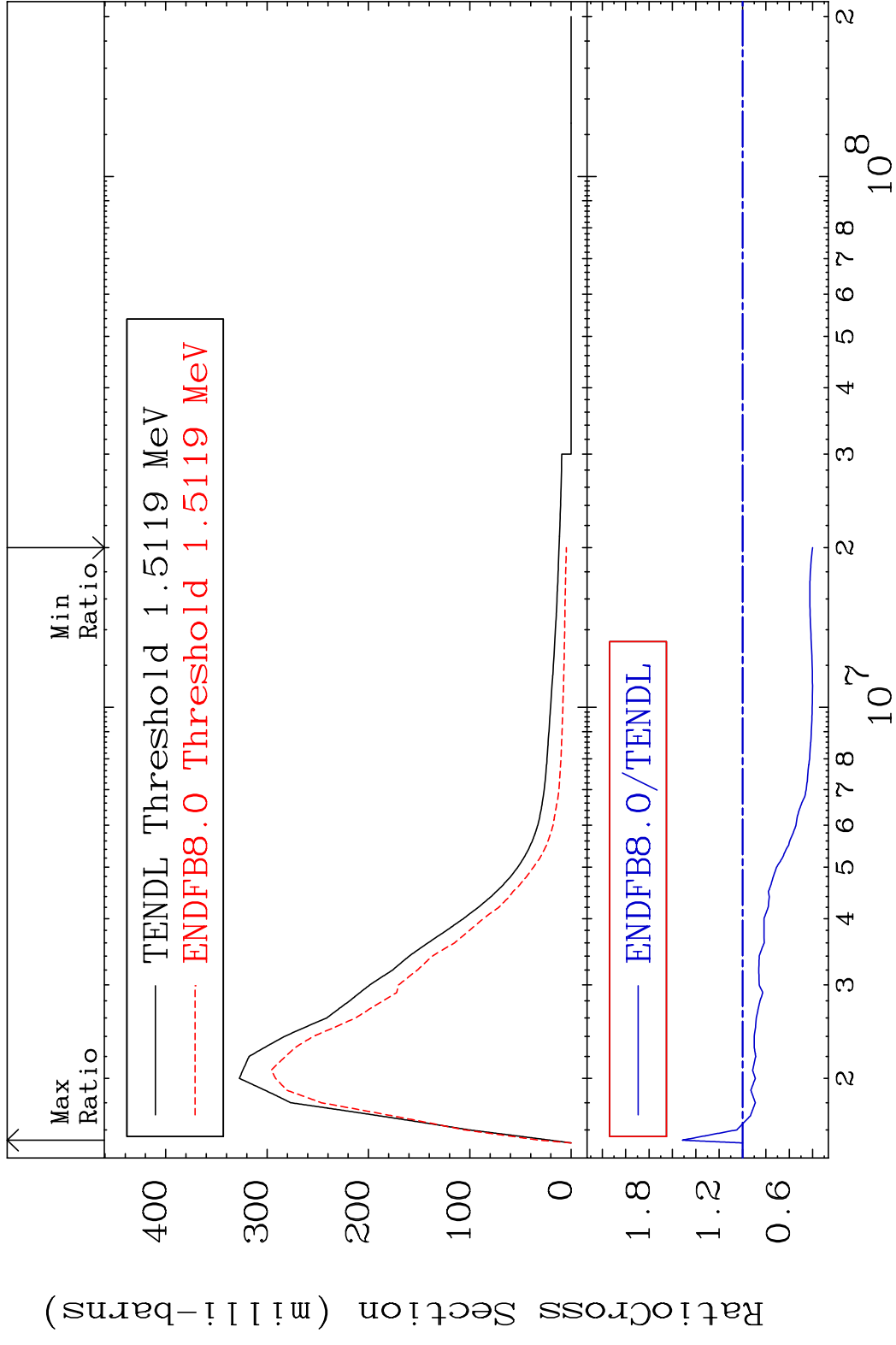
Incident Energy (eV)

40-Zr-92

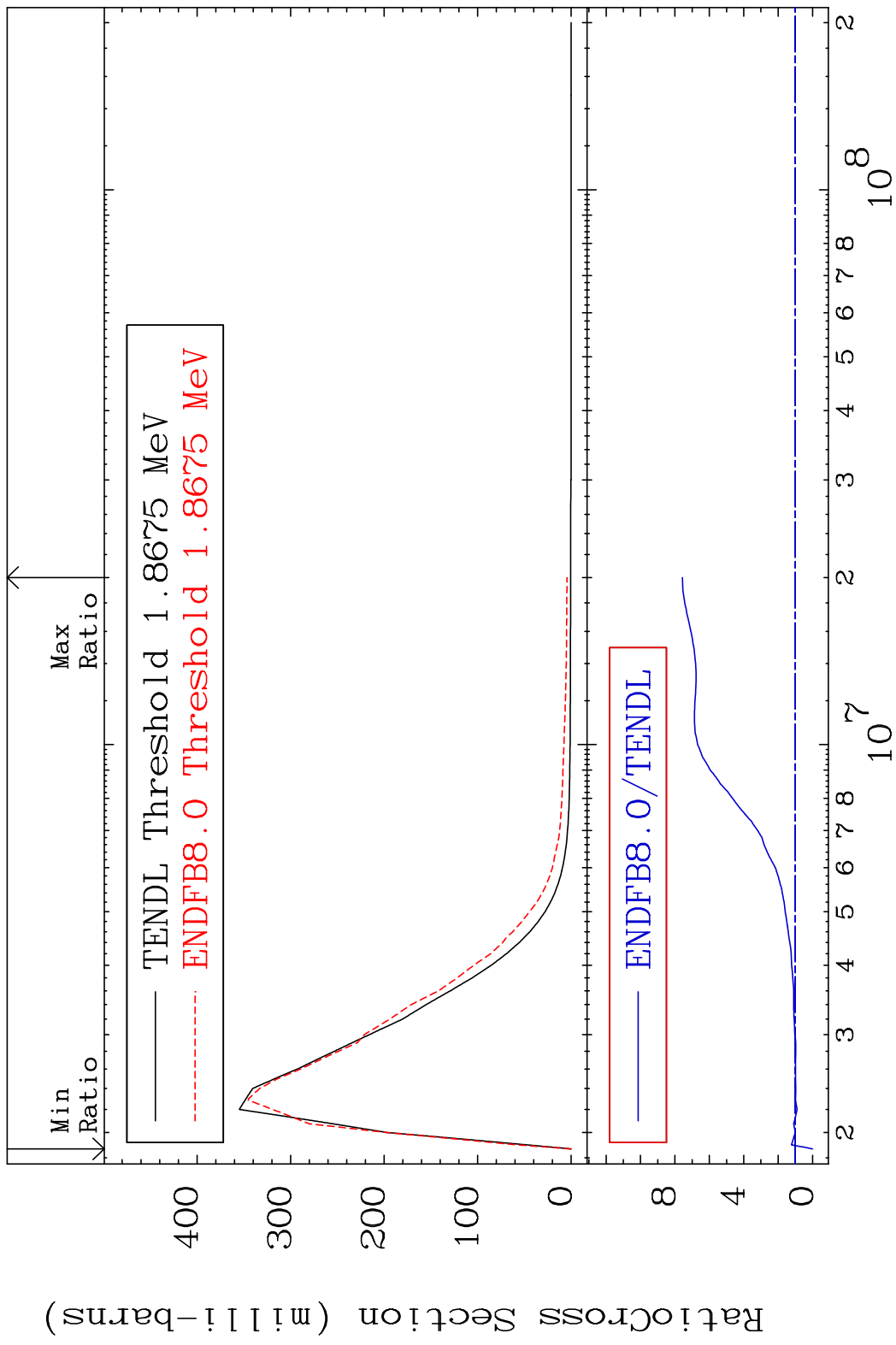
MAT 4031 MT= 52 (n, n') Level 40-Zr-92  
 Cross Section -100.0 To 9999. %



MAT 4031 MT= 53 (n, n') Level 40-Zr-92  
 Cross Section -59.95 To 51.49 %

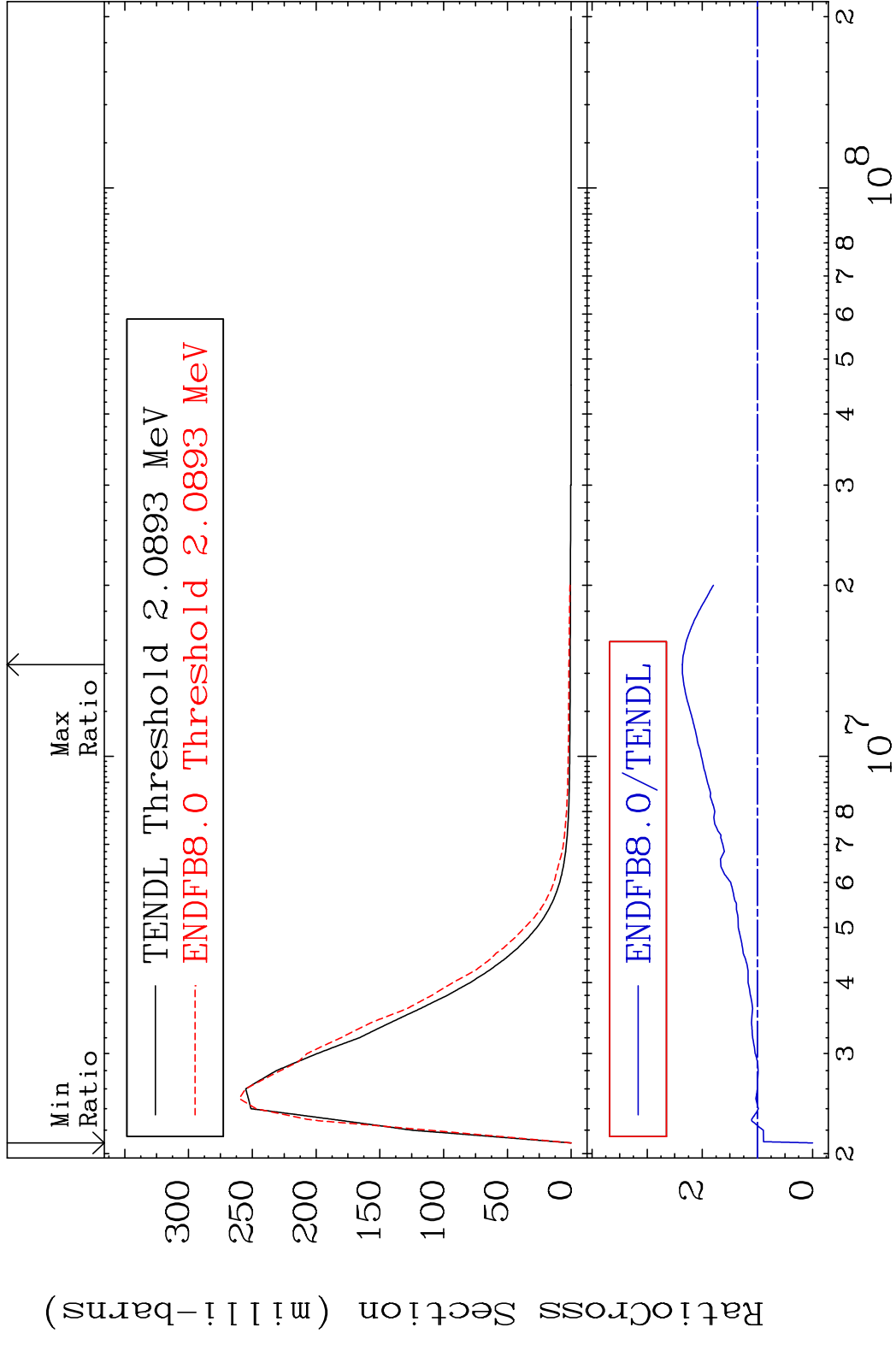


MAT 4031 MT= 54 (n, n') Level 40-Zr-92  
 Cross Section -100.0 To 656.8 %

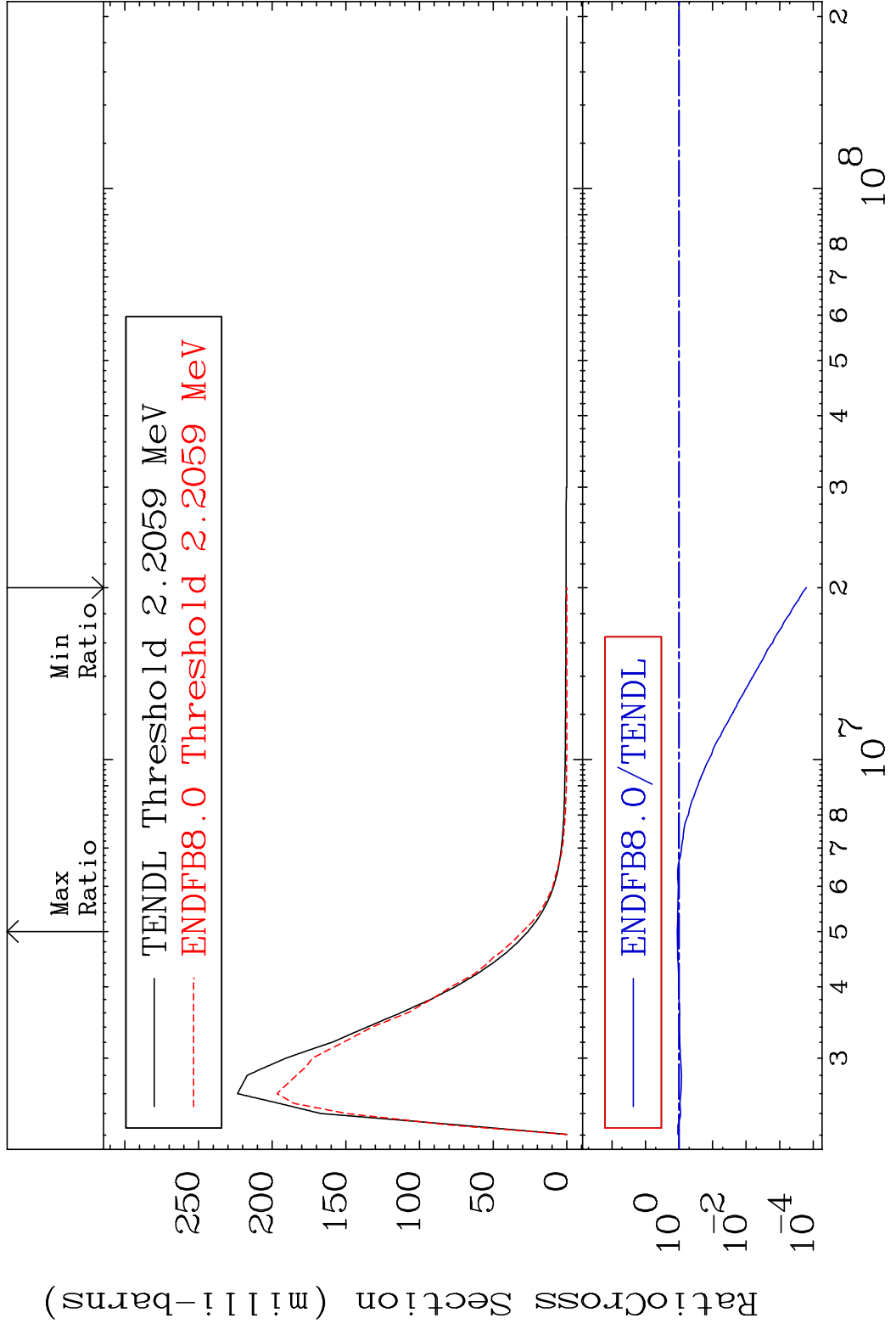


13 Incident Energy (eV) 40-Zr-92

MAT 4031 MT= 55 (n, n') Level 40-Zr-92  
 Cross Section -100.0 To 136.2 %

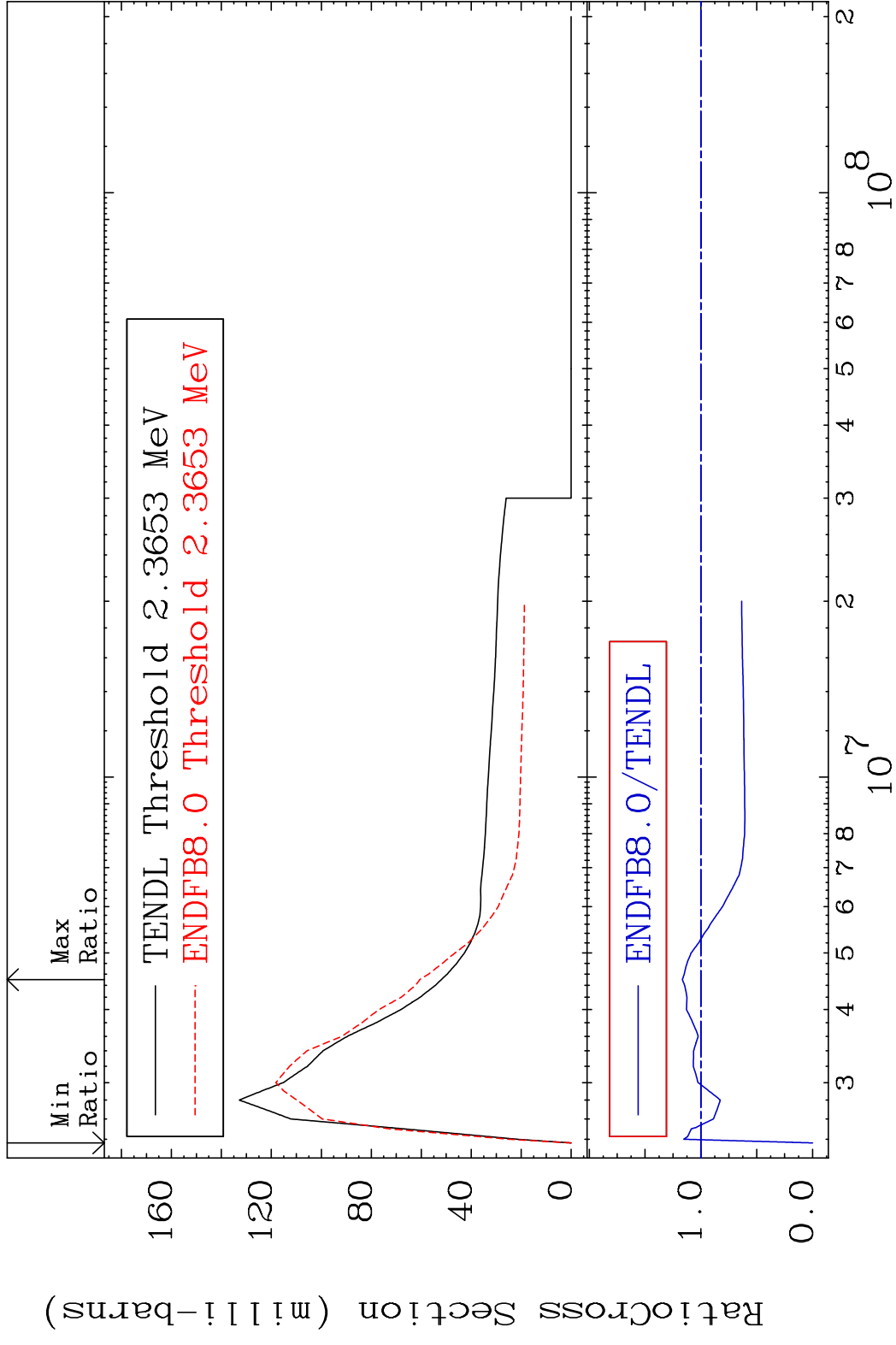


MAT 4031 MT= 56 (n,n') Level 40-Zr-92  
 Cross Section -99.98 To 13.70 %





MAT 4031 MT= 57 (n,n') Level 40-Zr-92  
 Cross Section -100.0 To 16.62 %

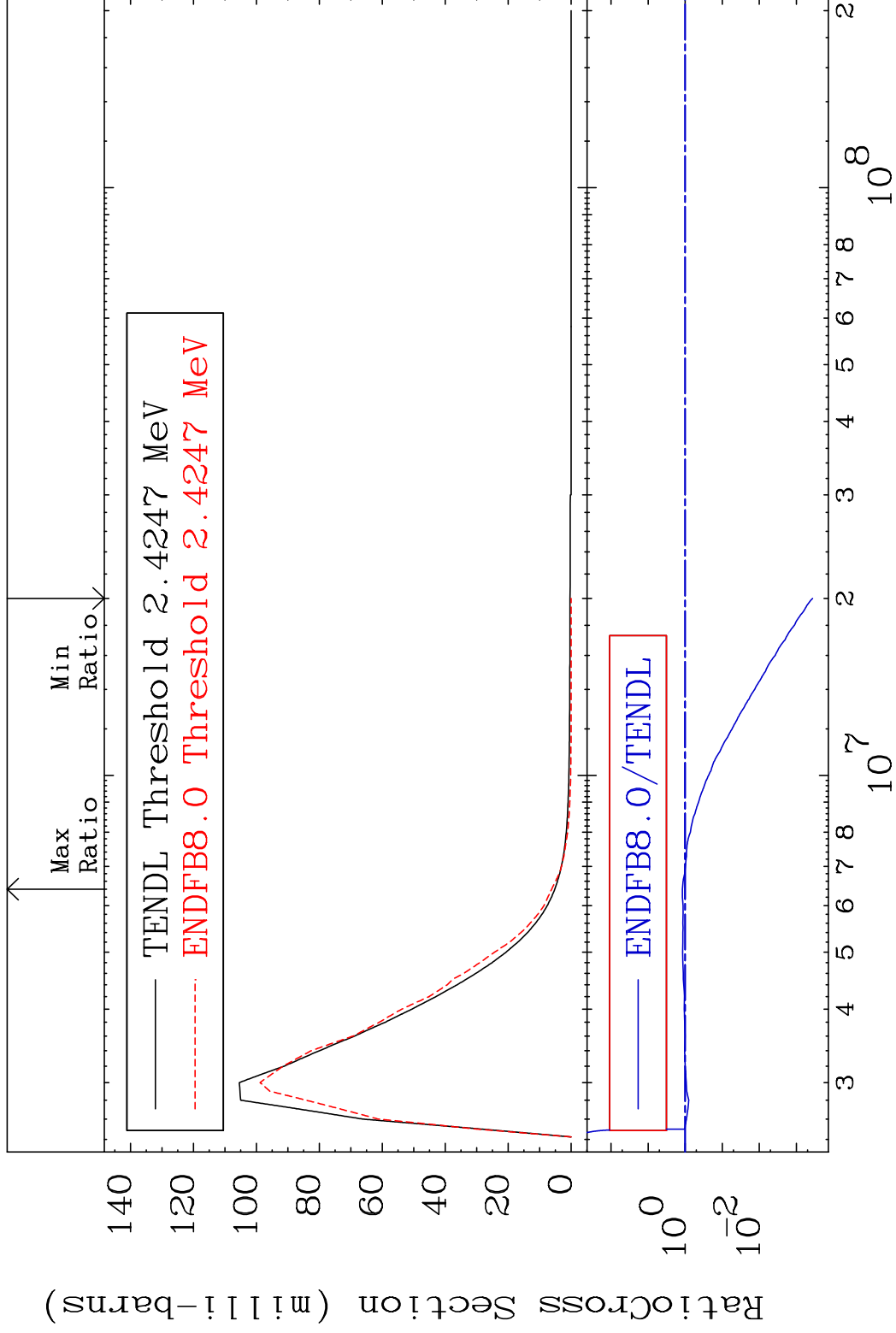


MAT 4031

MT= 58 (n,n') Level

40-Zr-92

Cross Section -99.96 To 19.17 %

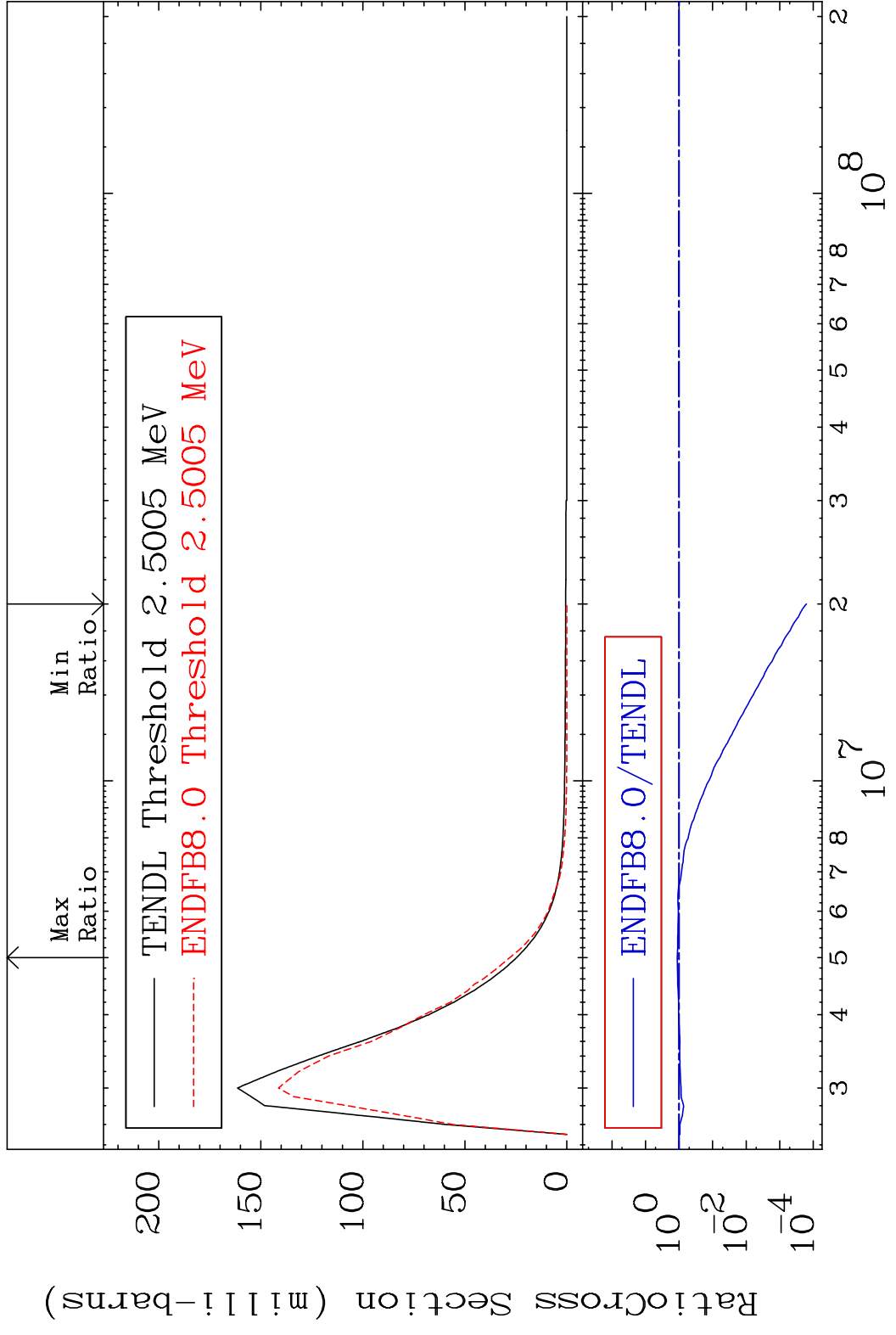


17

Incident Energy (eV)

40-Zr-92

MAT 4031 MT= 59 (n, n') Level 40-Zr-92  
 Cross Section -99.98 To 13.68 %

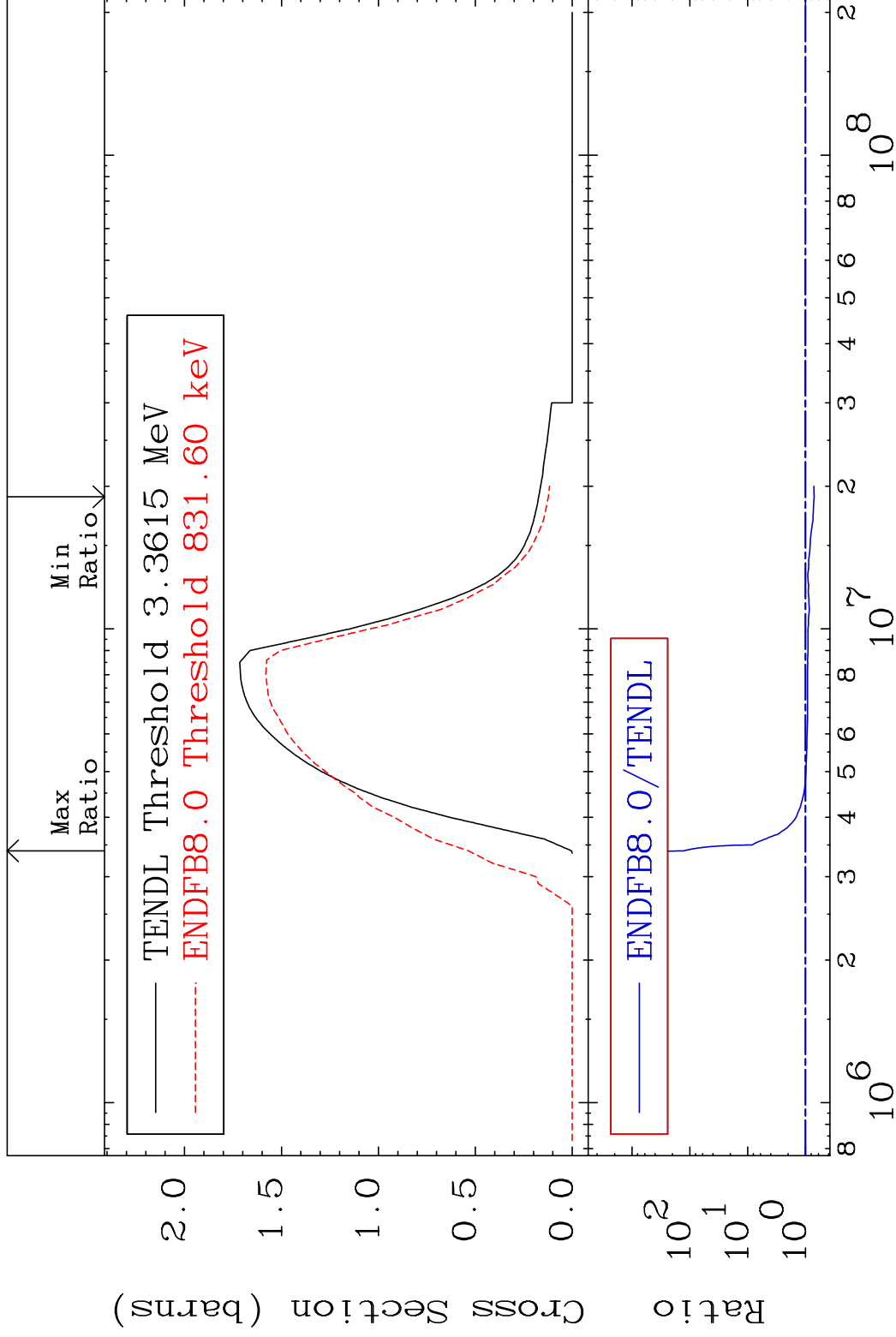


MAT 4031

(n, n') Continuum

40-Zr-92

Cross Section -28.81 To 9999. %



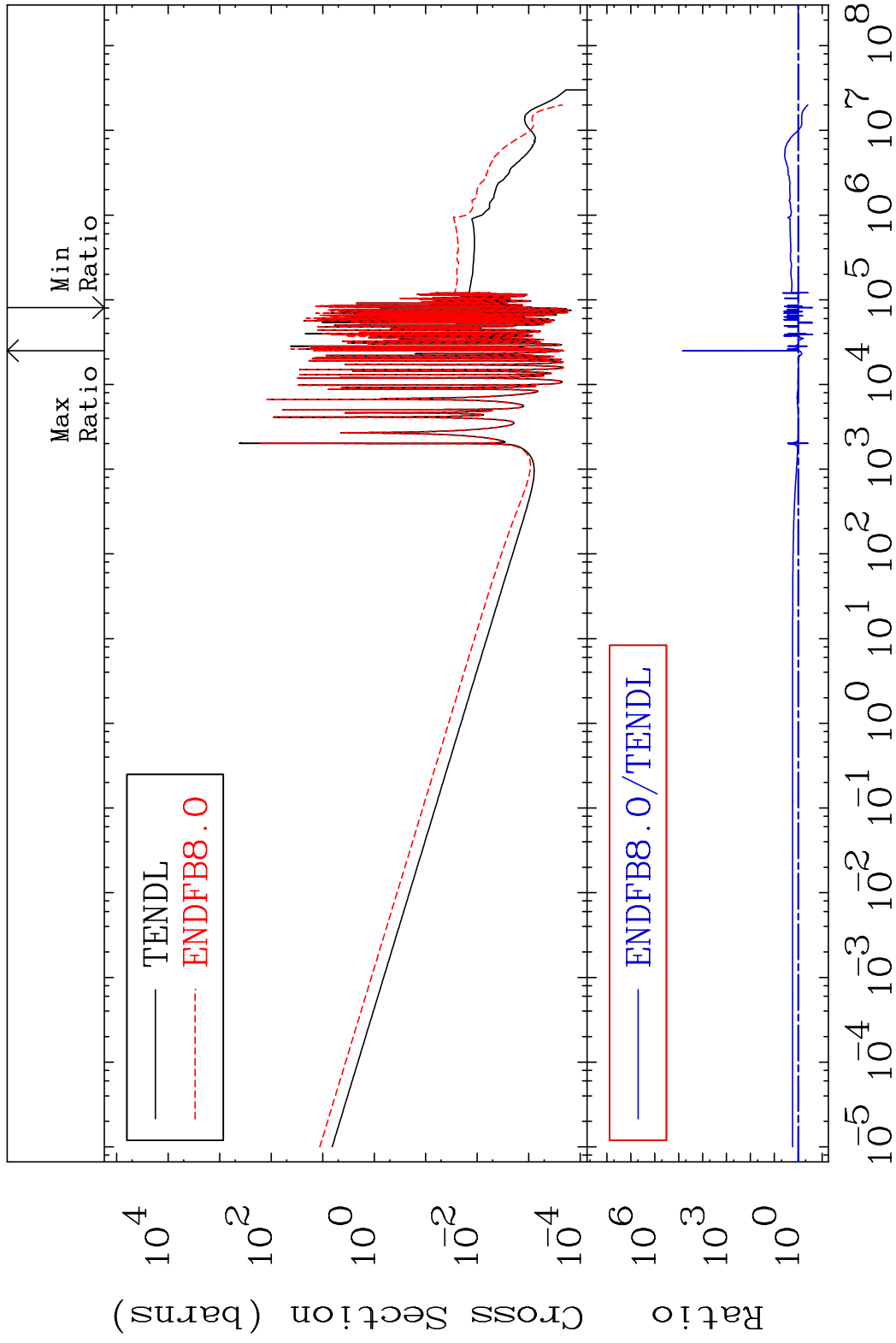
19

Incident Energy (eV)

40-Zr-92

MAT 4031

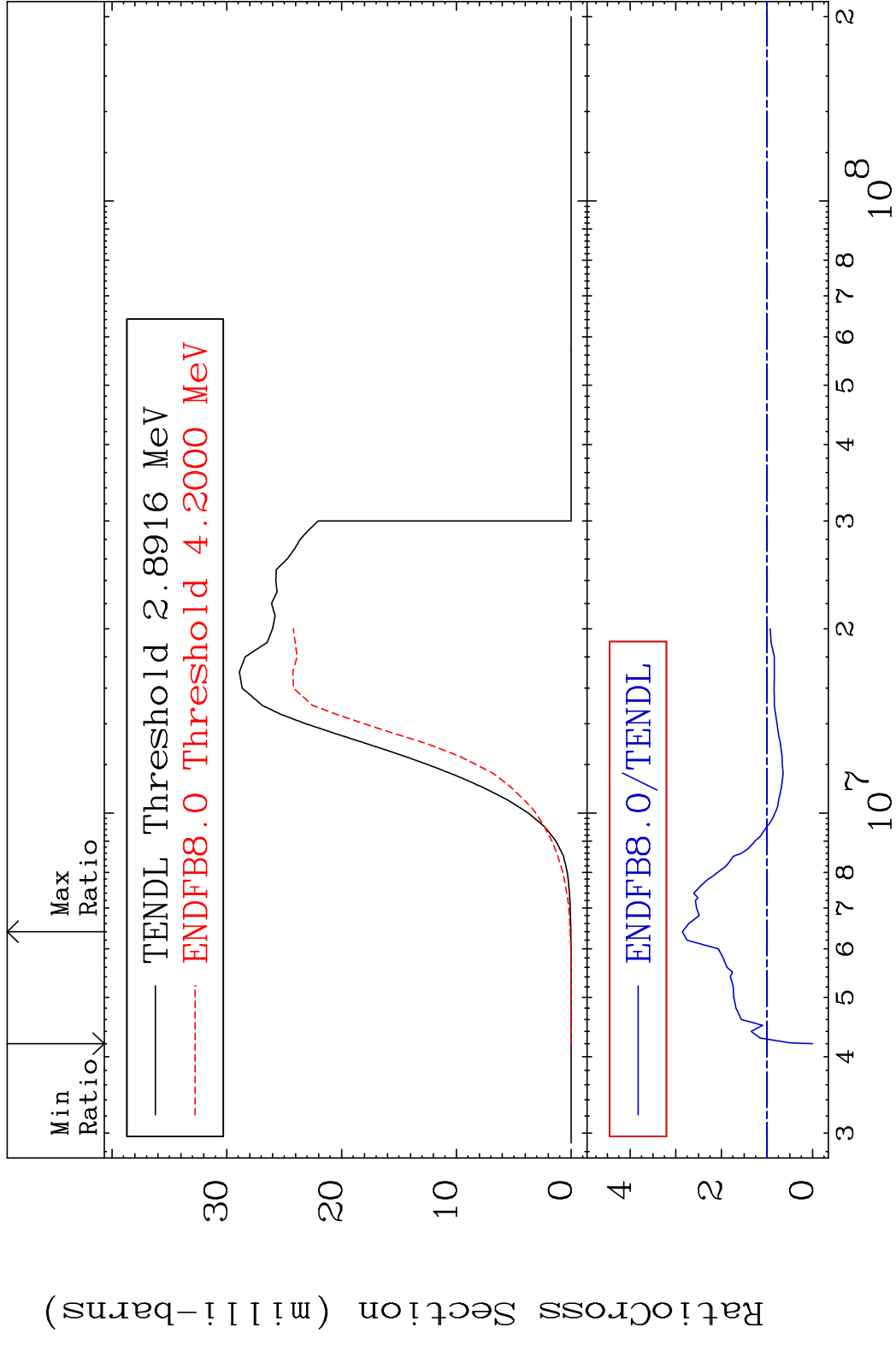
(n,  $\gamma$ )  
Cross Section -74.66 To 9999. %  
40-Zr-92



20

Incident Energy (eV) 40-Zr-92

MAT 4031 (n,p) 40-Zr-92  
 Cross Section -100.0 To 185.6 %

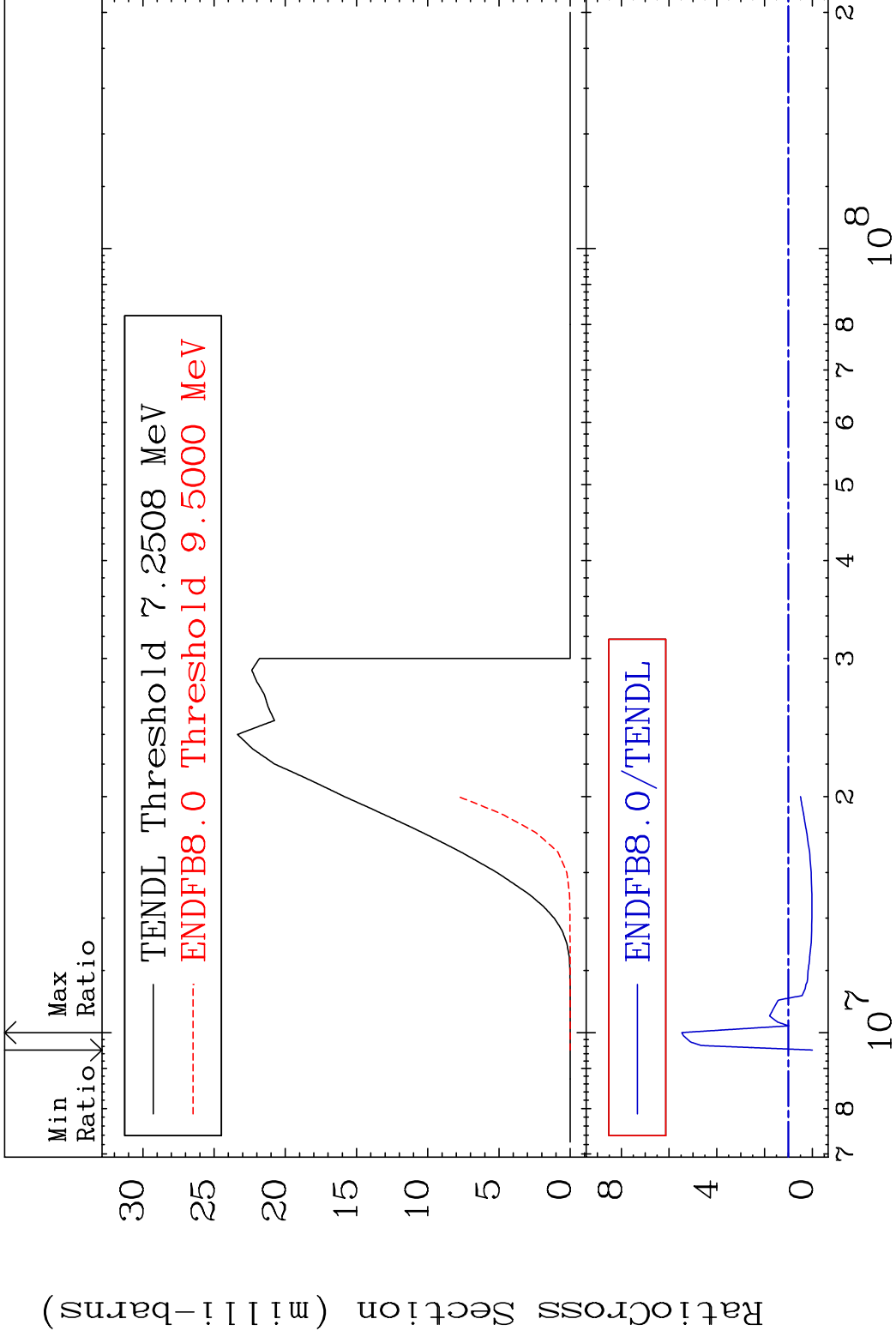


MAT 4031

(n,d)

40-Zr-92

Cross Section -100.0 To 446.8 %



22

Incident Energy (eV)

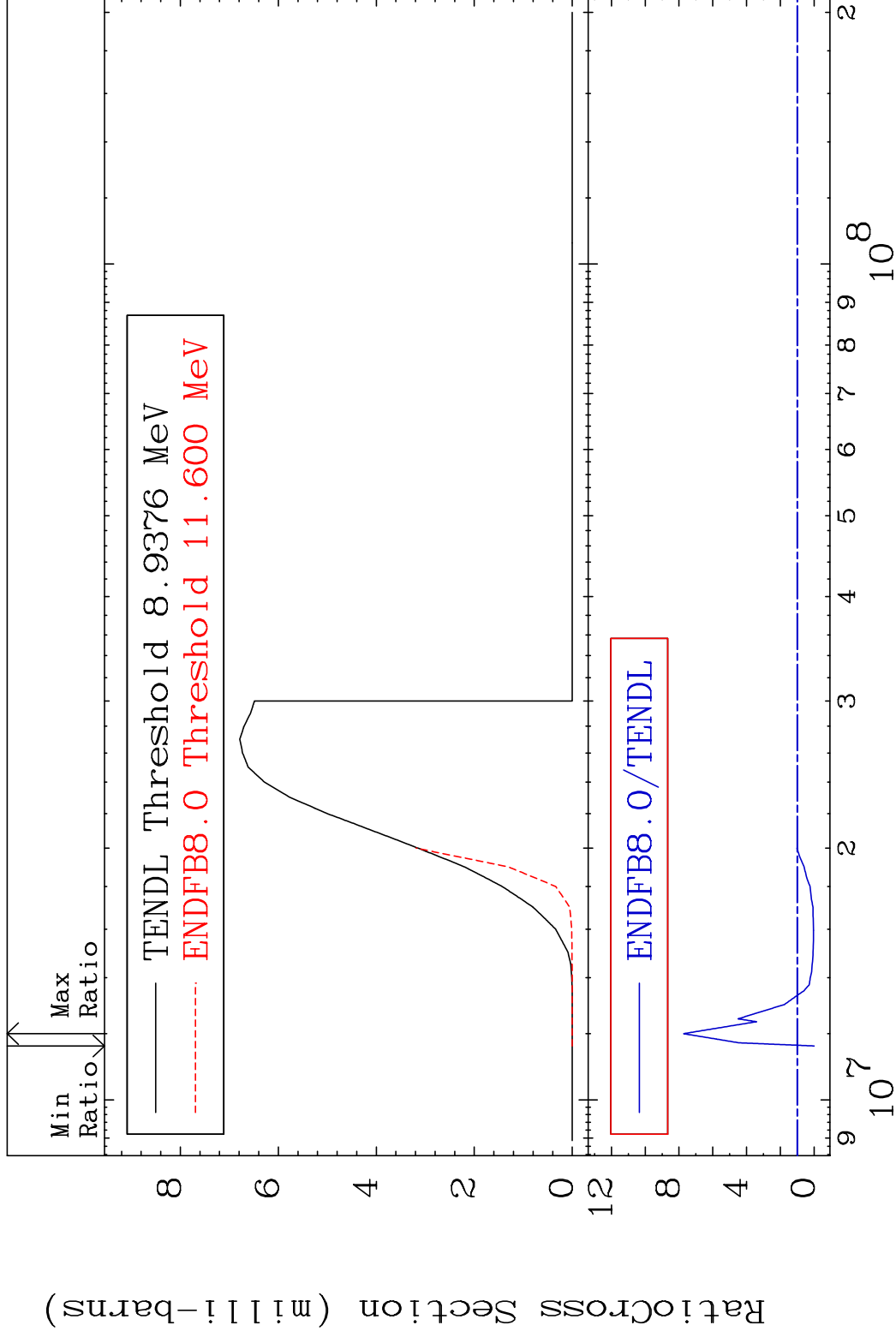
40-Zr-92

MAT 4031

(n, t)

40-Zr-92

Cross Section -100.0 To 672.4 %



23

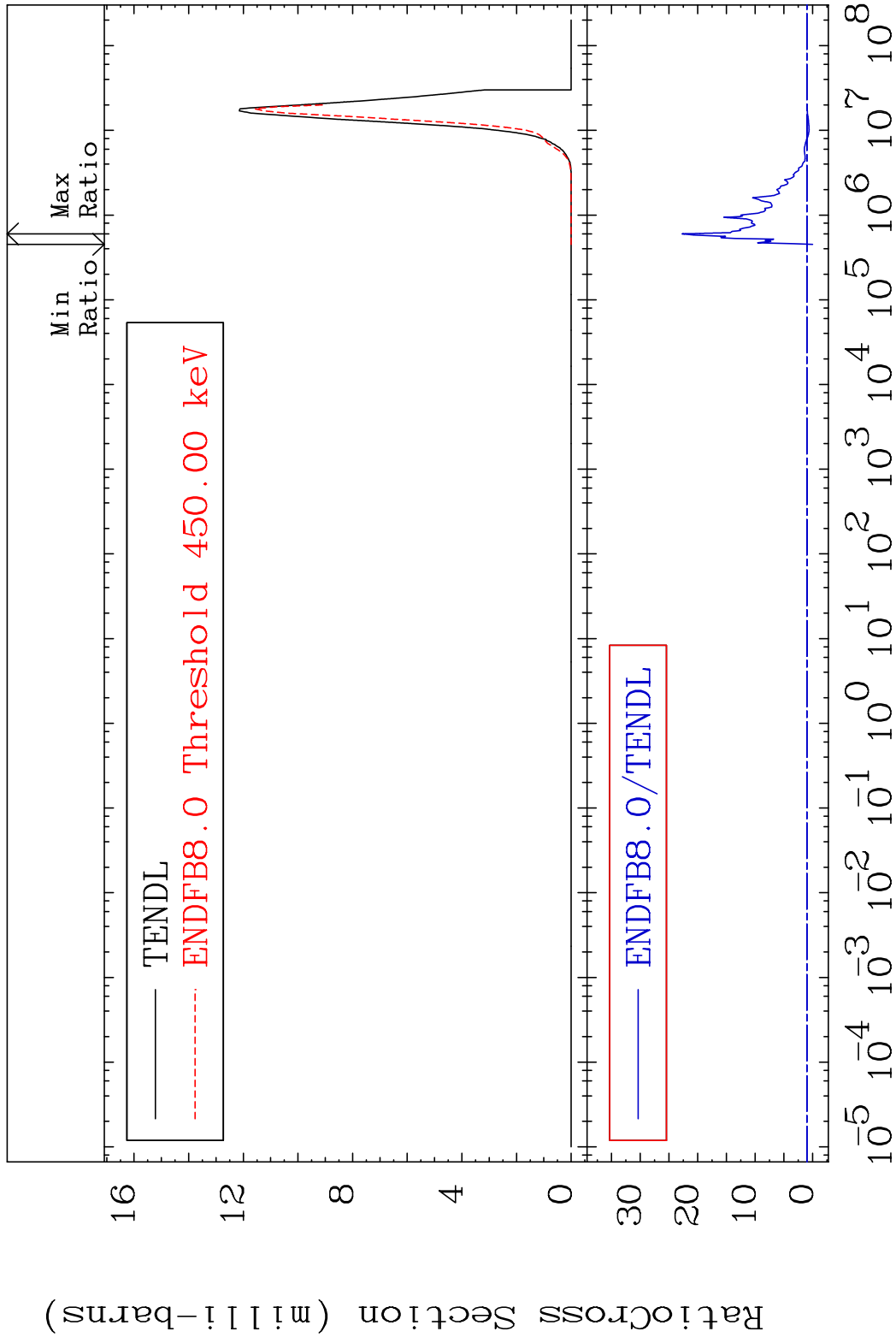
Incident Energy (eV)

40-Zr-92



MAT 4031

(n,  $\alpha$ ) Cross Section -100.0 To 2167. % 40-Zr-92

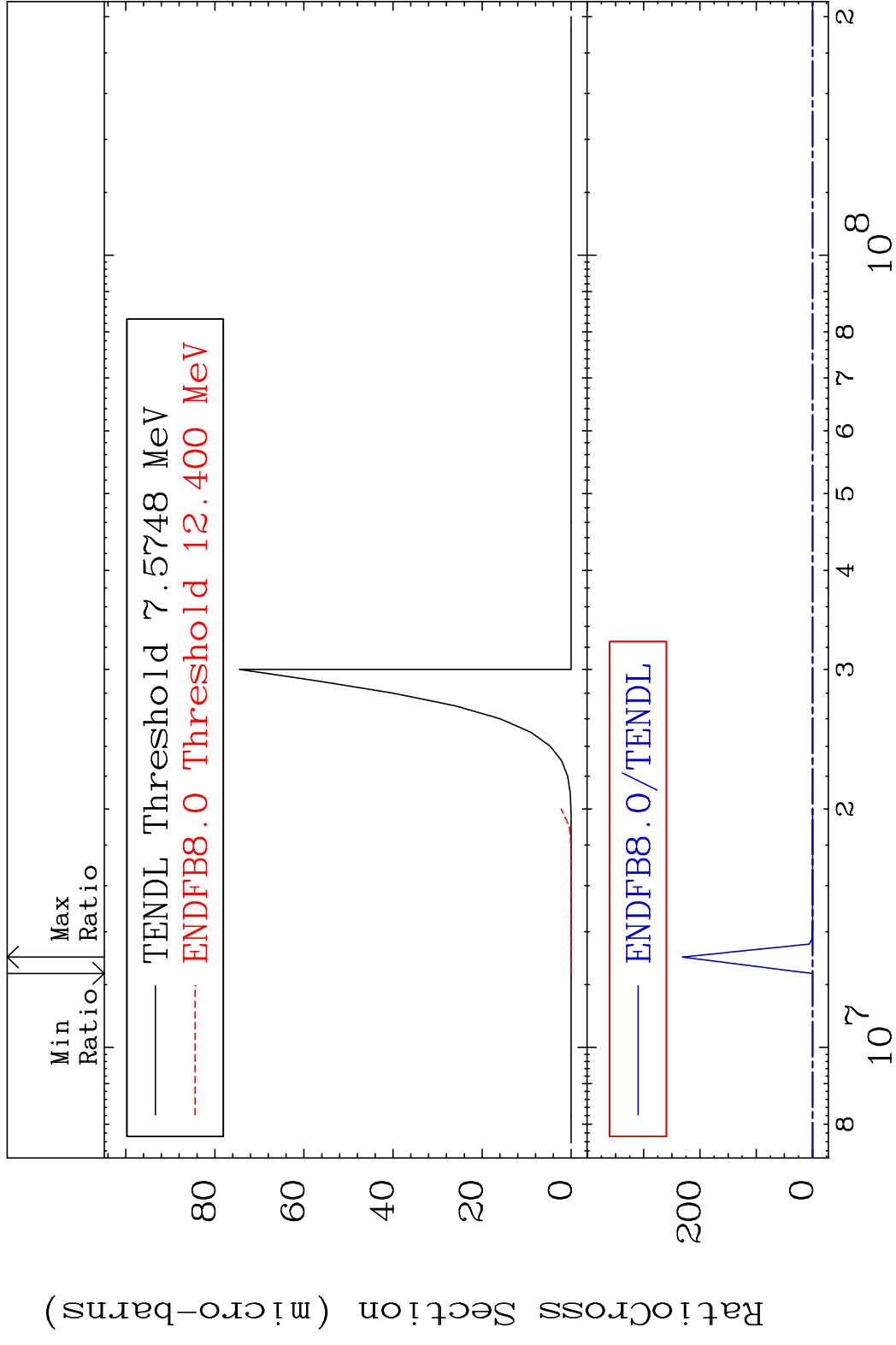


24

Incident Energy (eV)

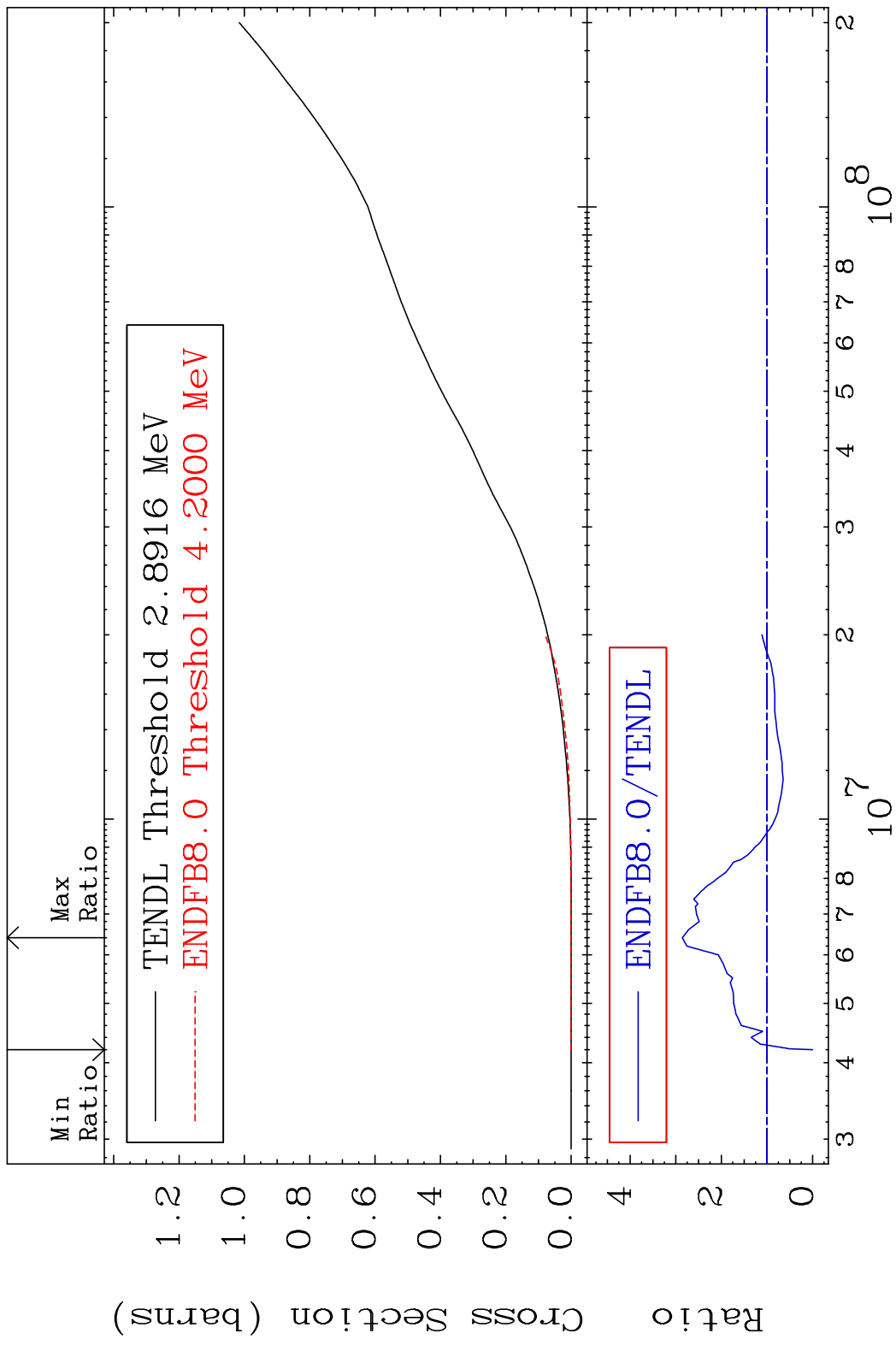
40-Zr-92

MAT 4031 (n,p)  $\alpha$  40-Zr-92  
 Cross Section -100.0 To 9999. %

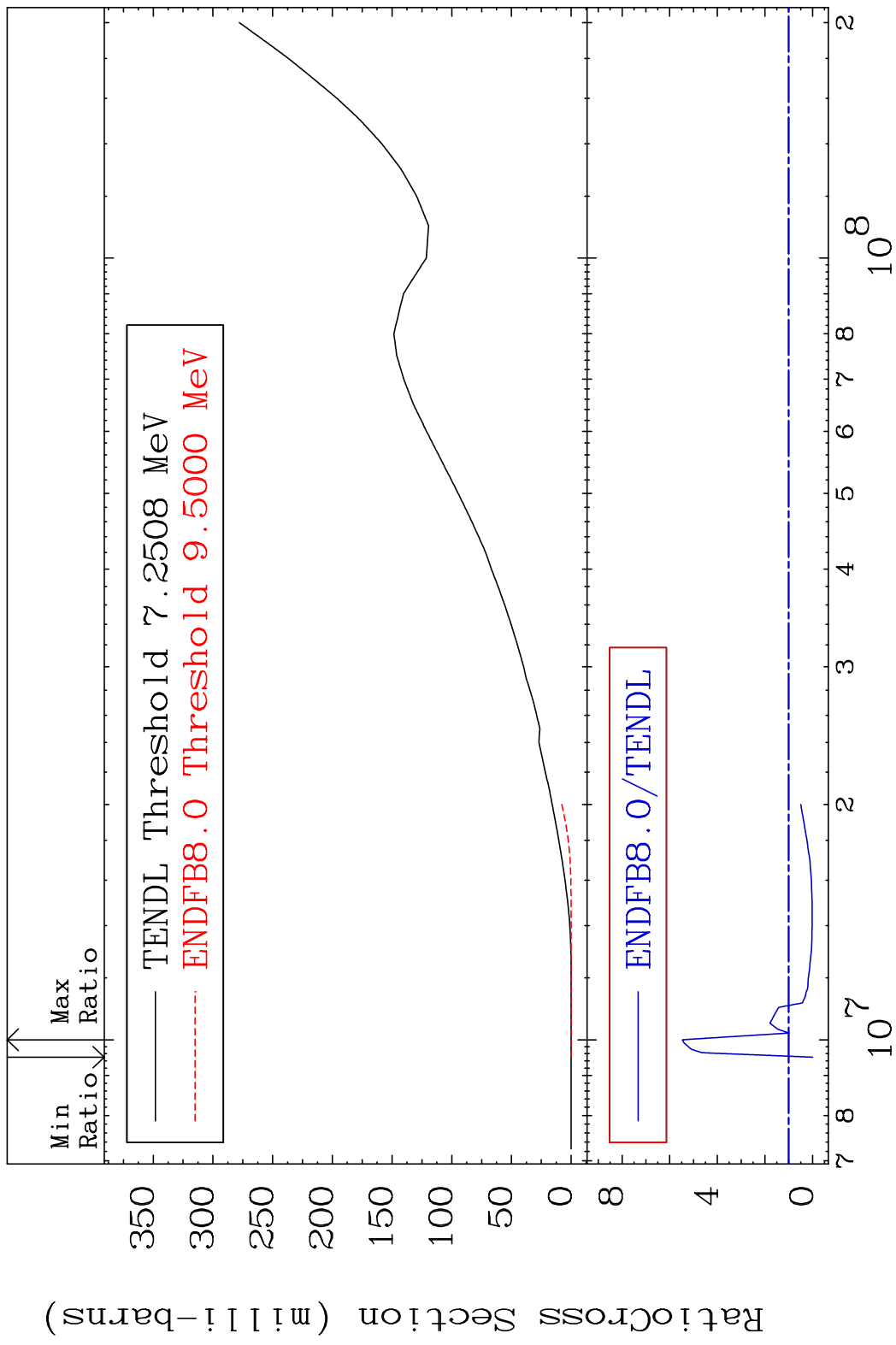


25 40-Zr-92

MAT 4031 Hydrogen Production 40-Zr-92  
 Cross Section -100.0 To 185.6 %



MAT 4031 Deuterium Production 40-Zr-92  
 Cross Section -100.0 To 446.8 %

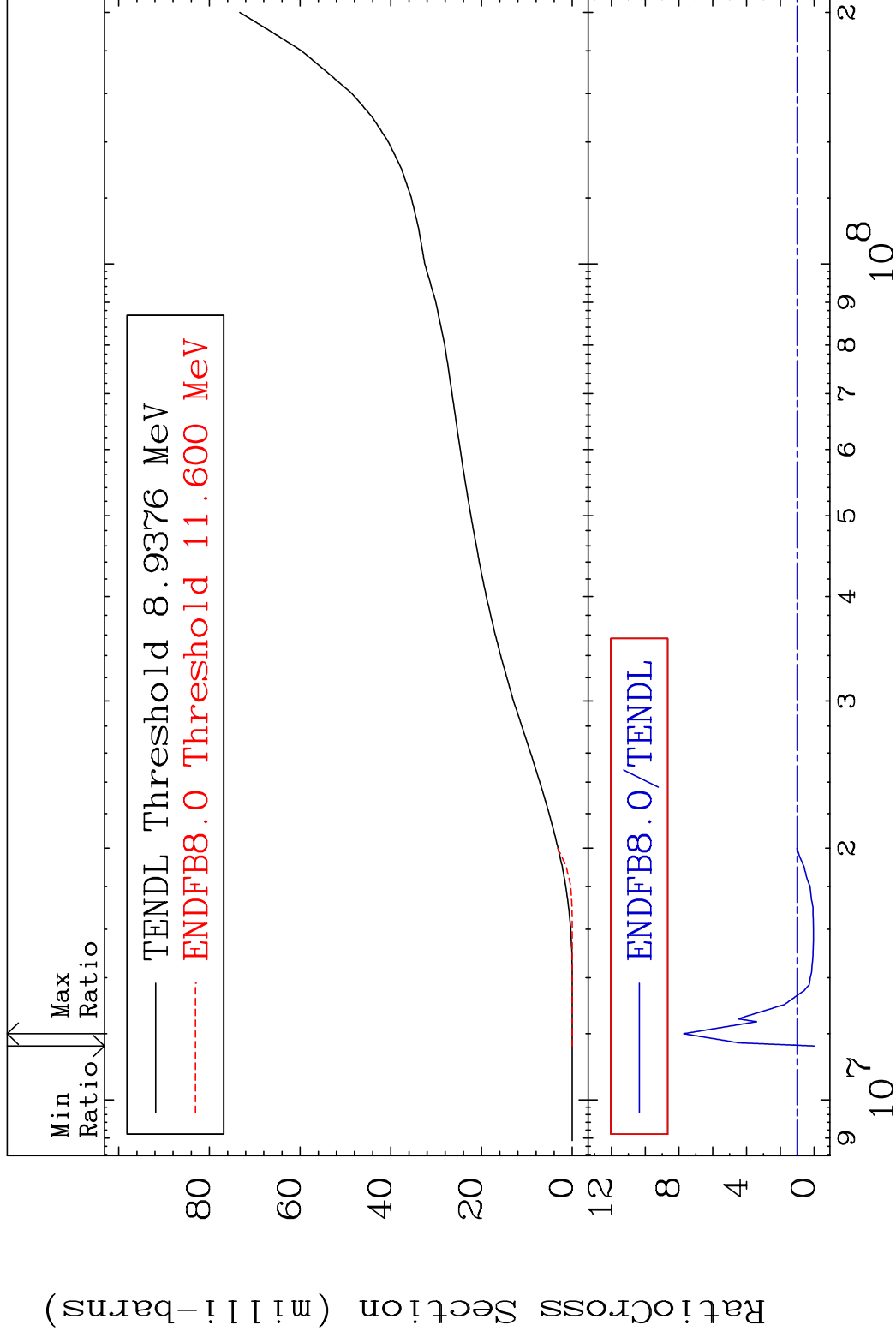


MAT 4031

Tritium Production

40-Zr-92

Cross Section -100.0 To 672.4 %



28

Incident Energy (eV)

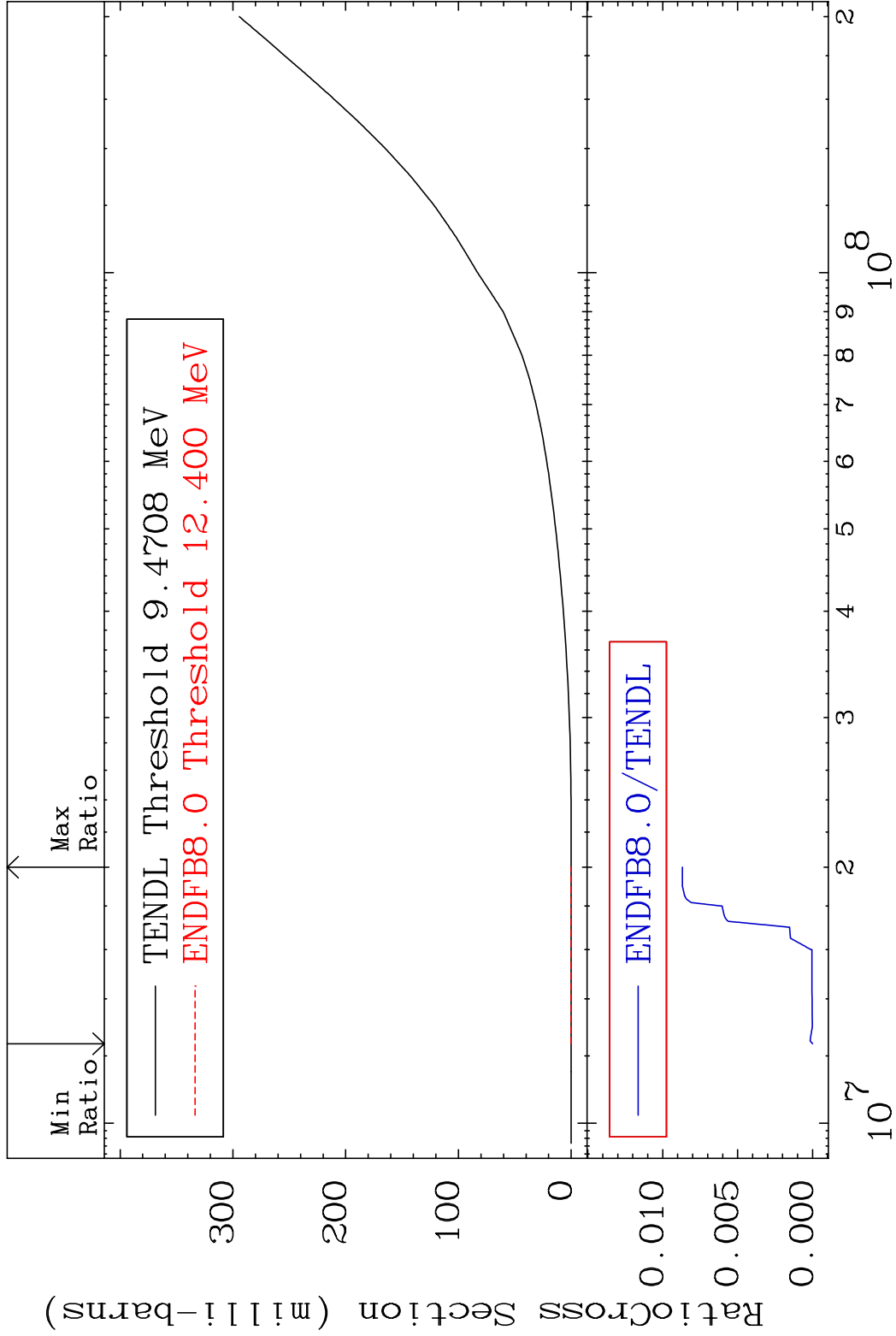
40-Zr-92

MAT 4031

He-3 Production

40-Zr-92

Cross Section -100.0 To -99.13%



29

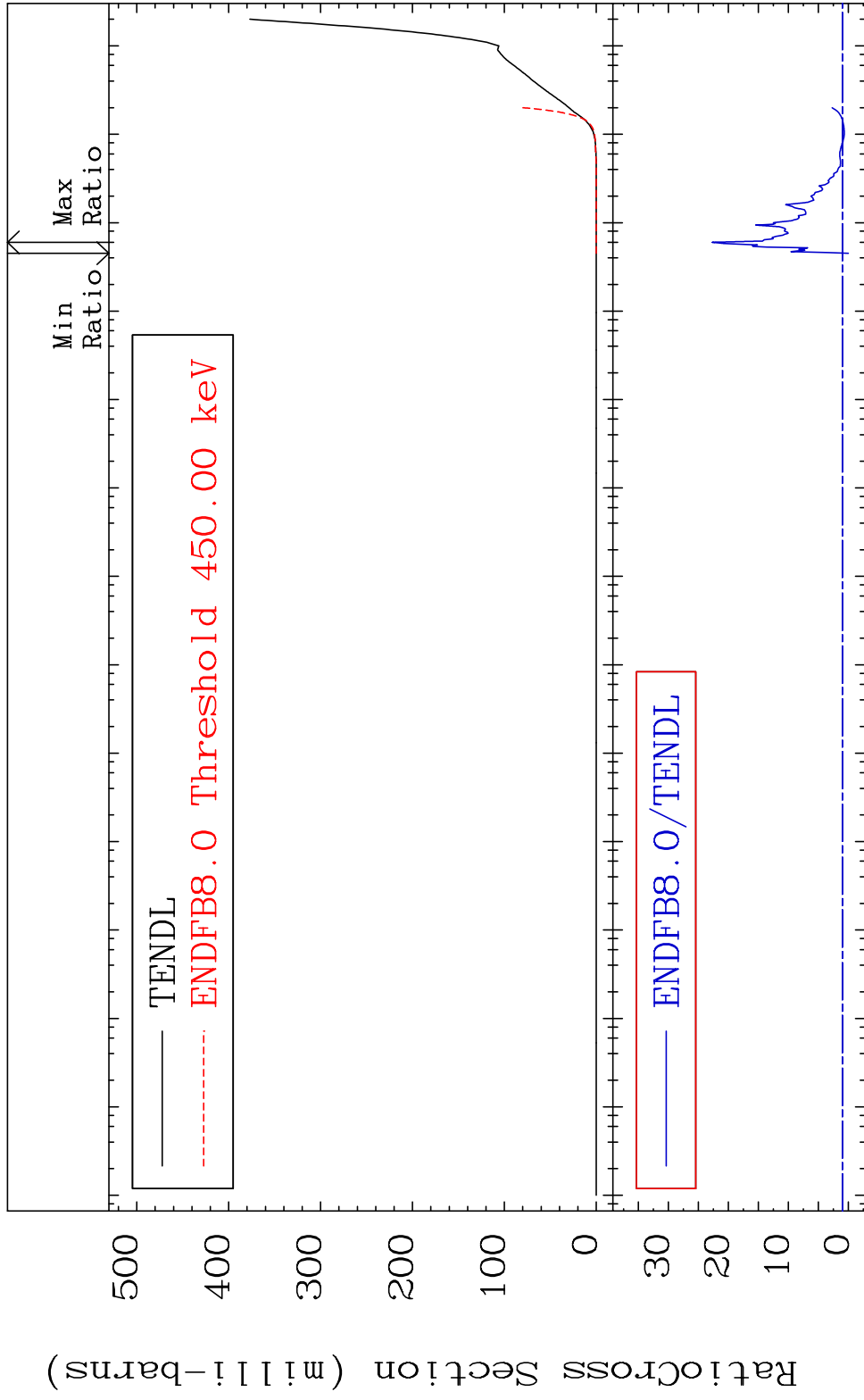
40-Zr-92

MAT 4031

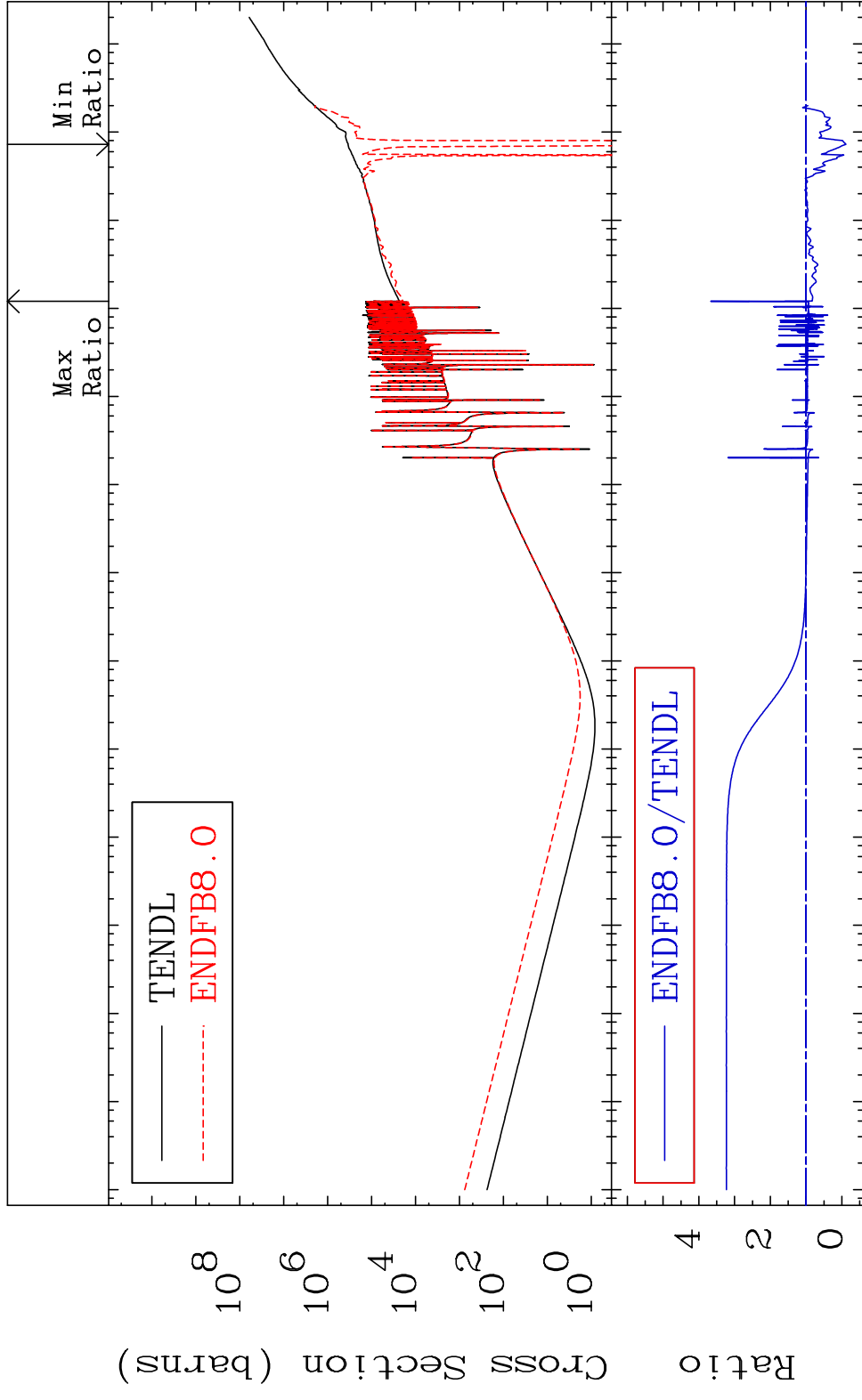
He-4 Production

40-Zr-92

Cross Section -100.0 To 2167. %



MAT 4031 Kerma total (eV-barns) 40-Zr-92  
 Cross Section -112.6 To 266.7 %



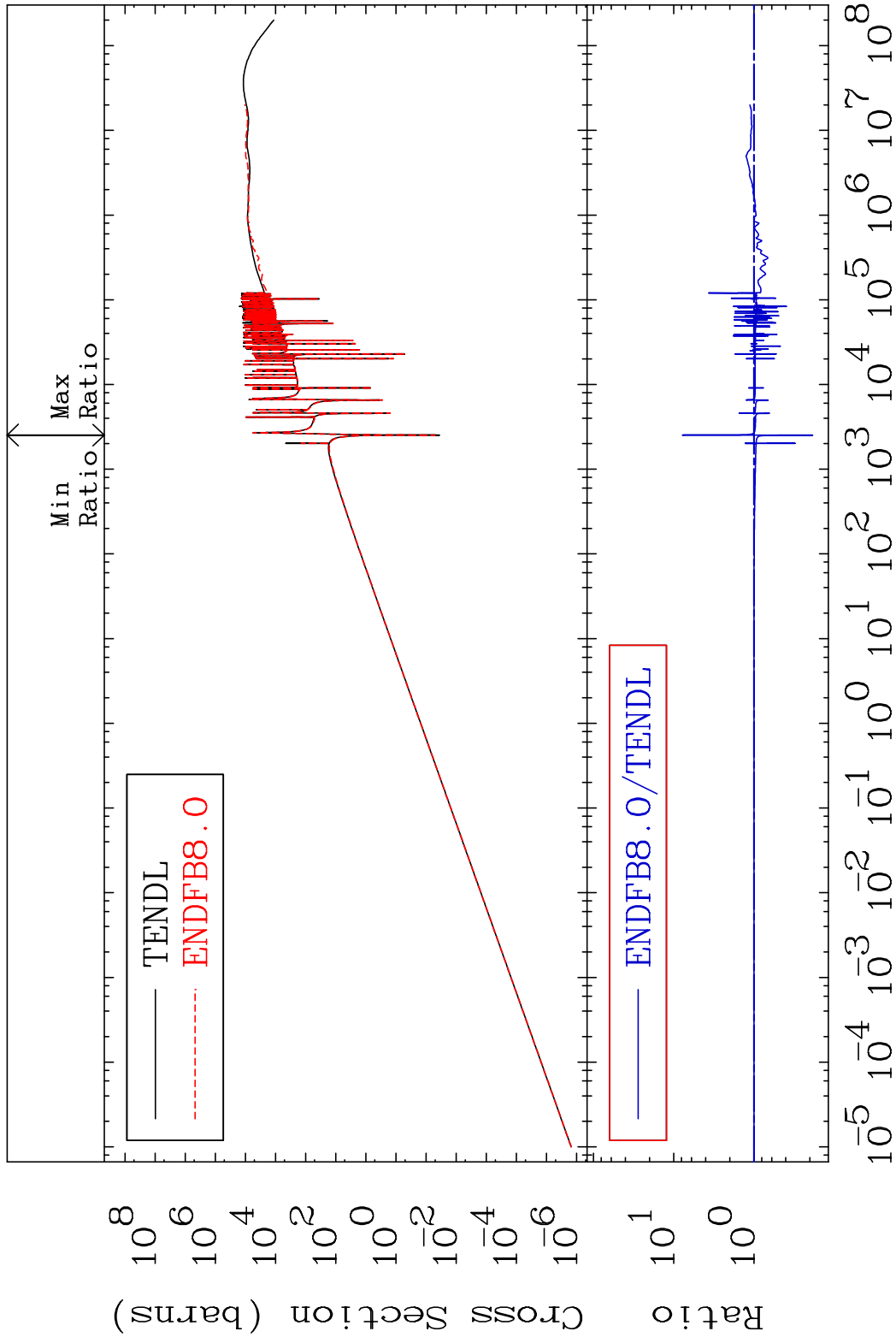


MAT 4031

Kerma elastic

40-Zr-92

Cross Section -81.44 To 679.5 %

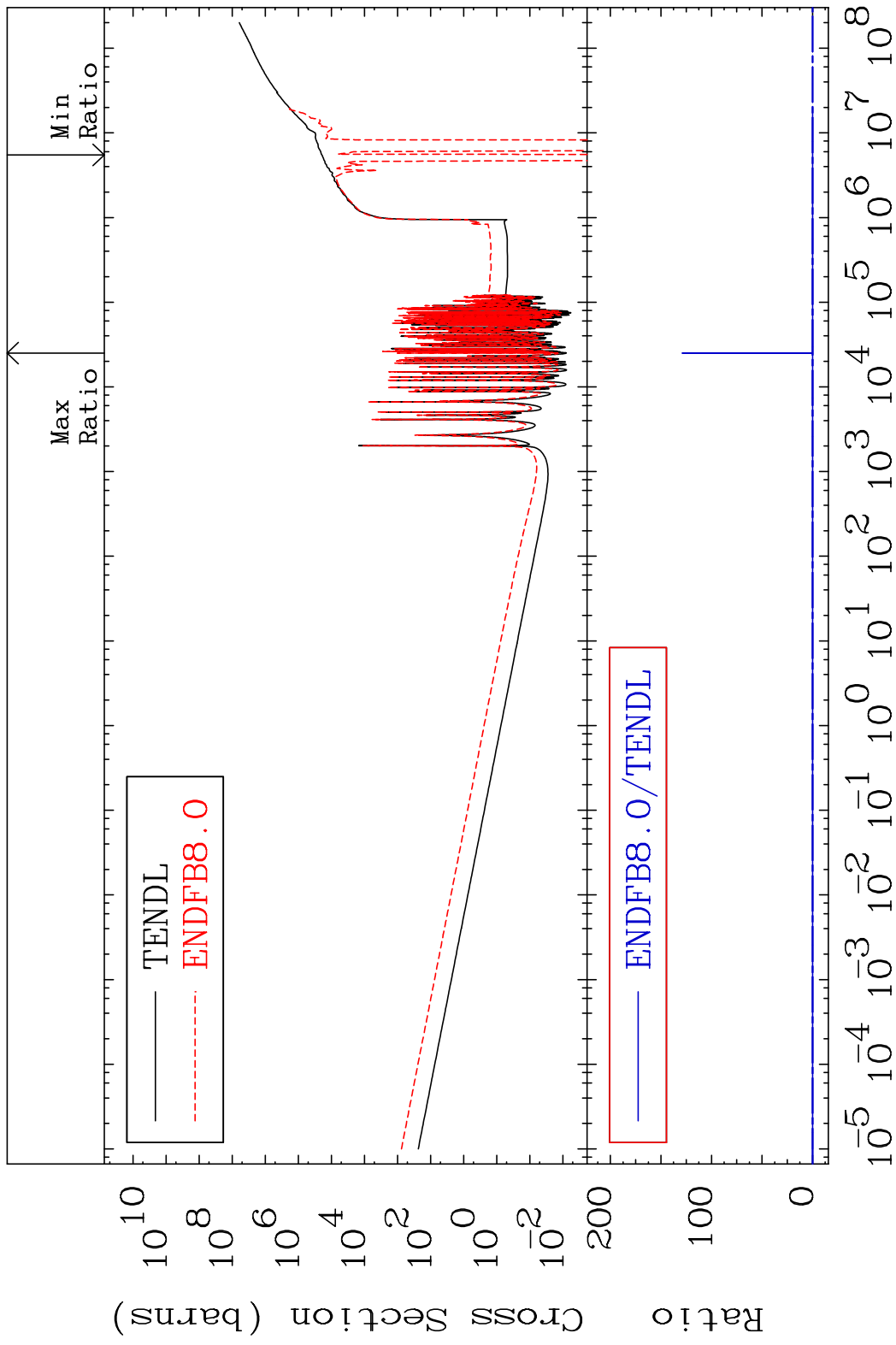


32

Incident Energy (eV)

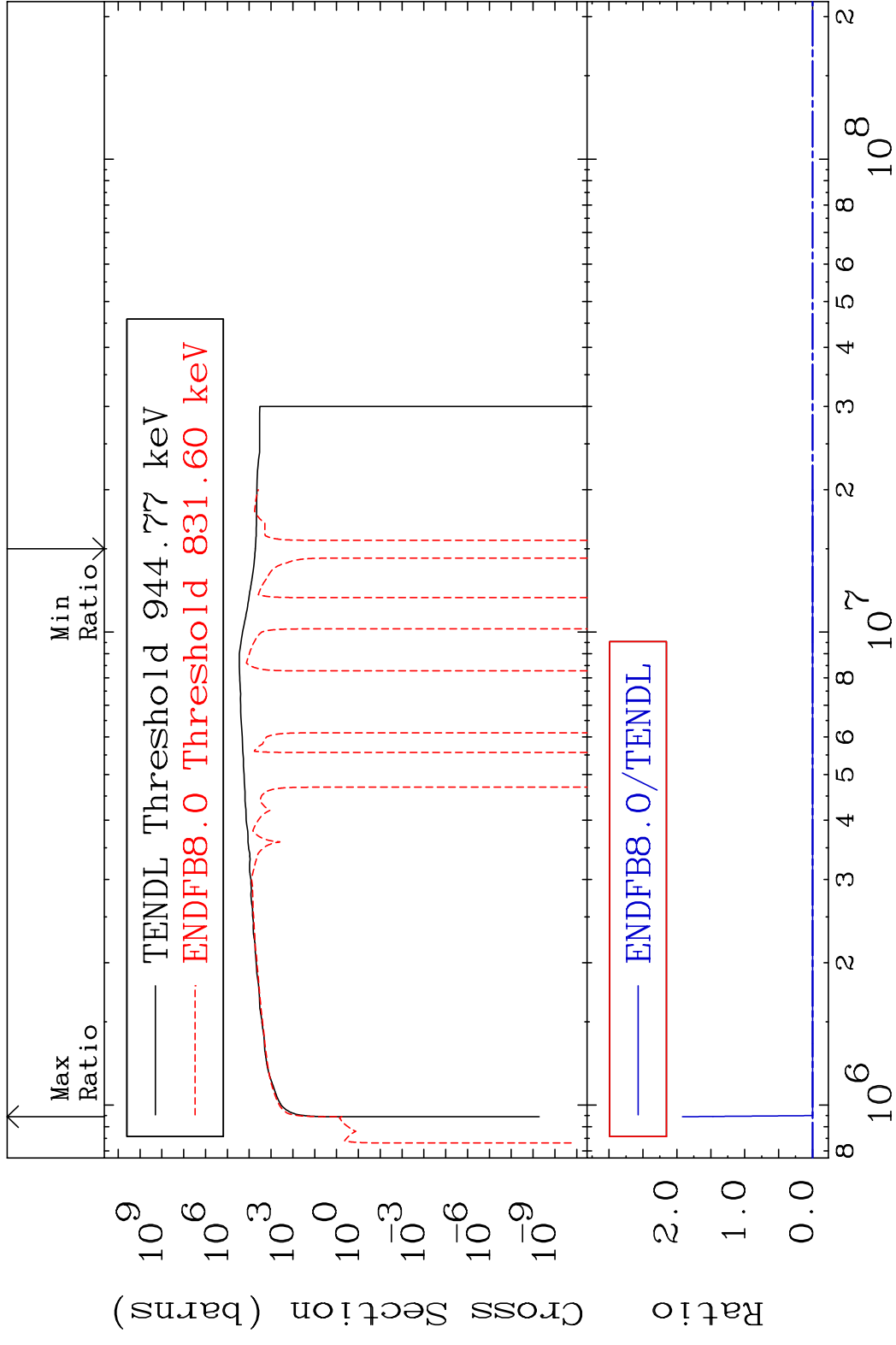
40-Zr-92

MAT 4031 Kerma non-elastic (all but mt2) 40-Zr-92  
 Cross Section -158.5 To 9999. %

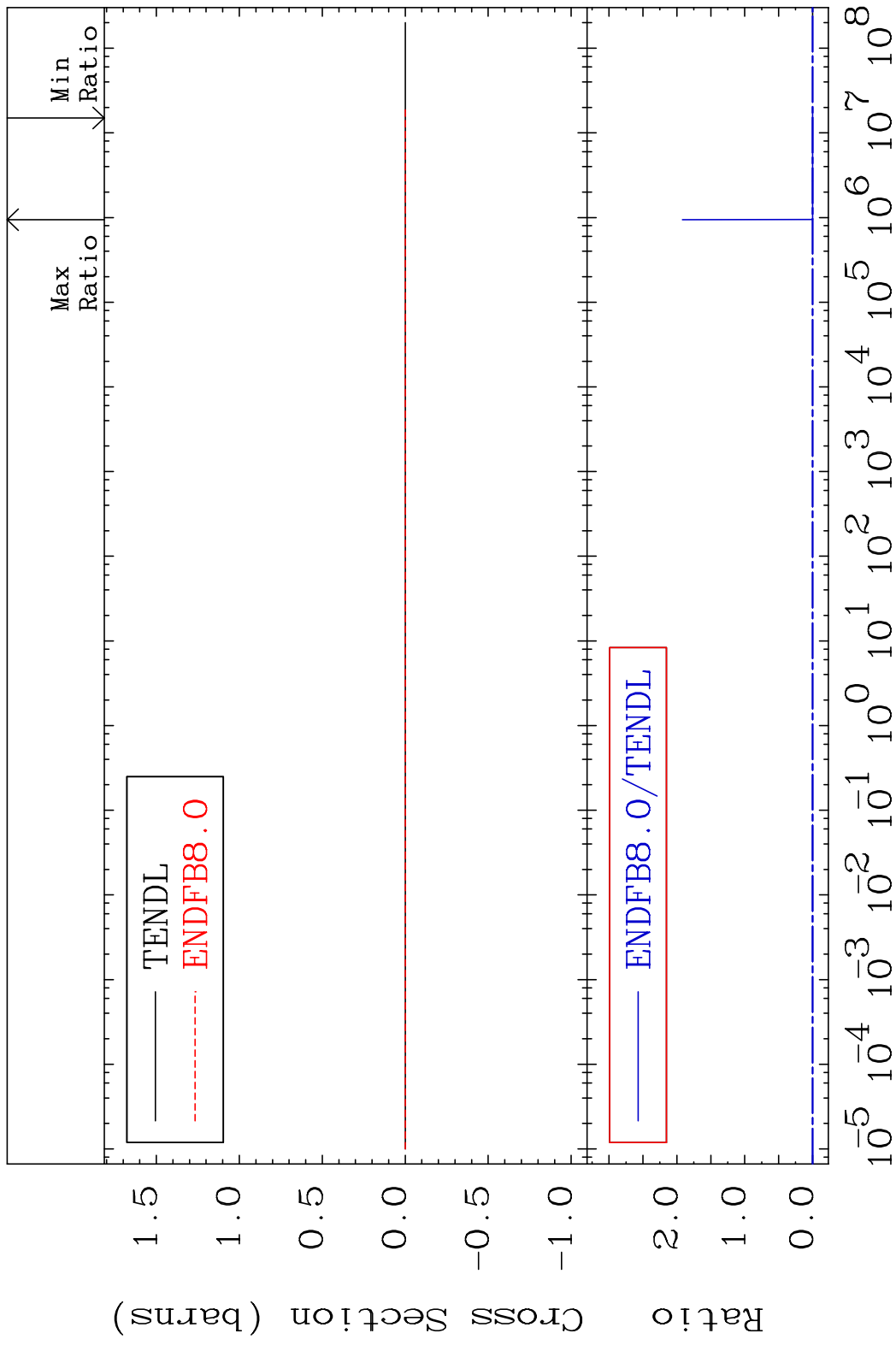


33 Incident Energy (eV) 40-Zr-92

MAT 4031 Kerma inelastic (mt51-91) 40-Zr-92  
 Cross Section -162.2 To 9999. %



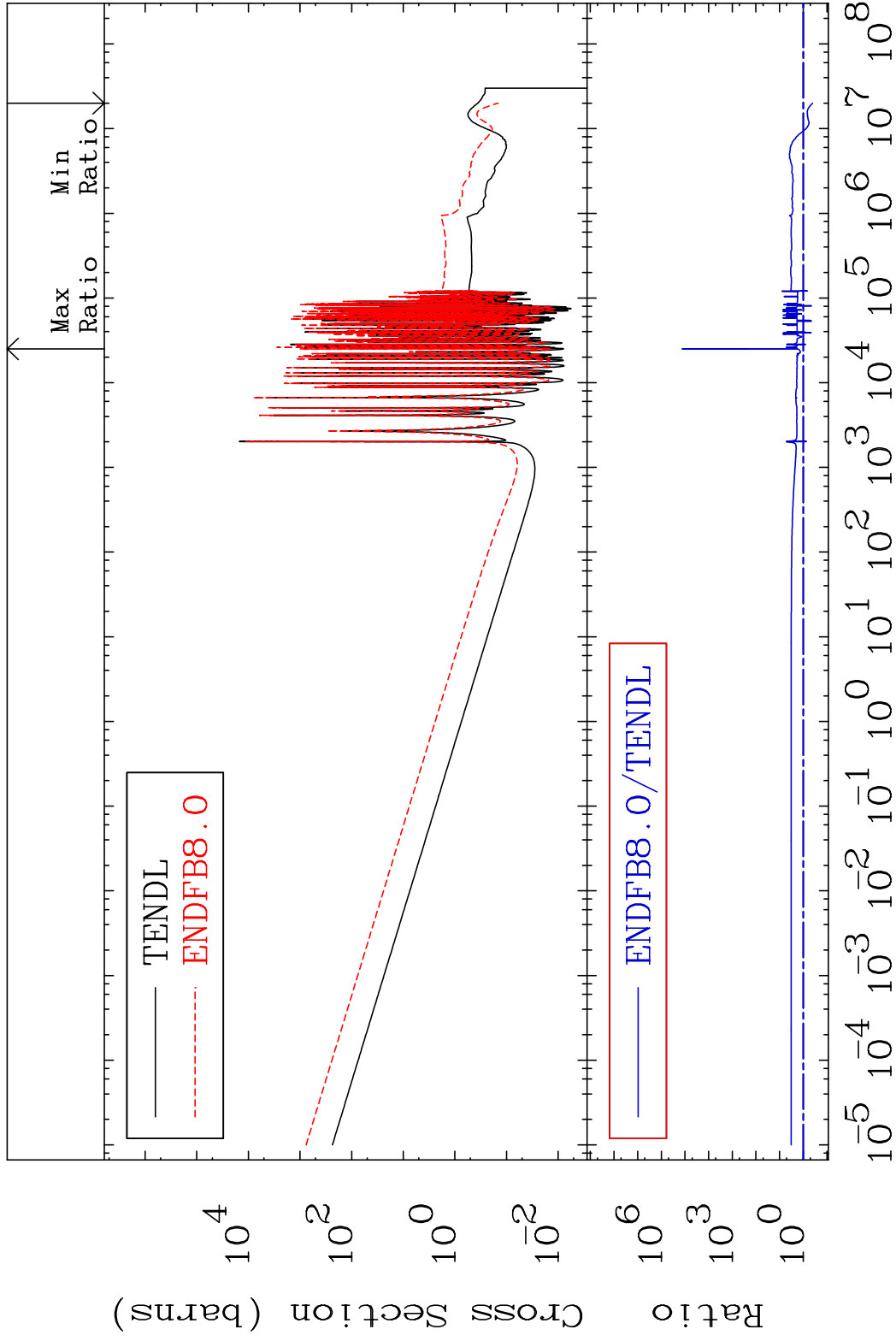
MAT 4031 Kerma fission (mt18 or mt19-20-21-38) 40-Zr-92  
 Cross Section -162.2 To 9999. %



MAT 4031

Kerma capture (mt102) 40-Zr-92

Cross Section -59.71 To 9999. %

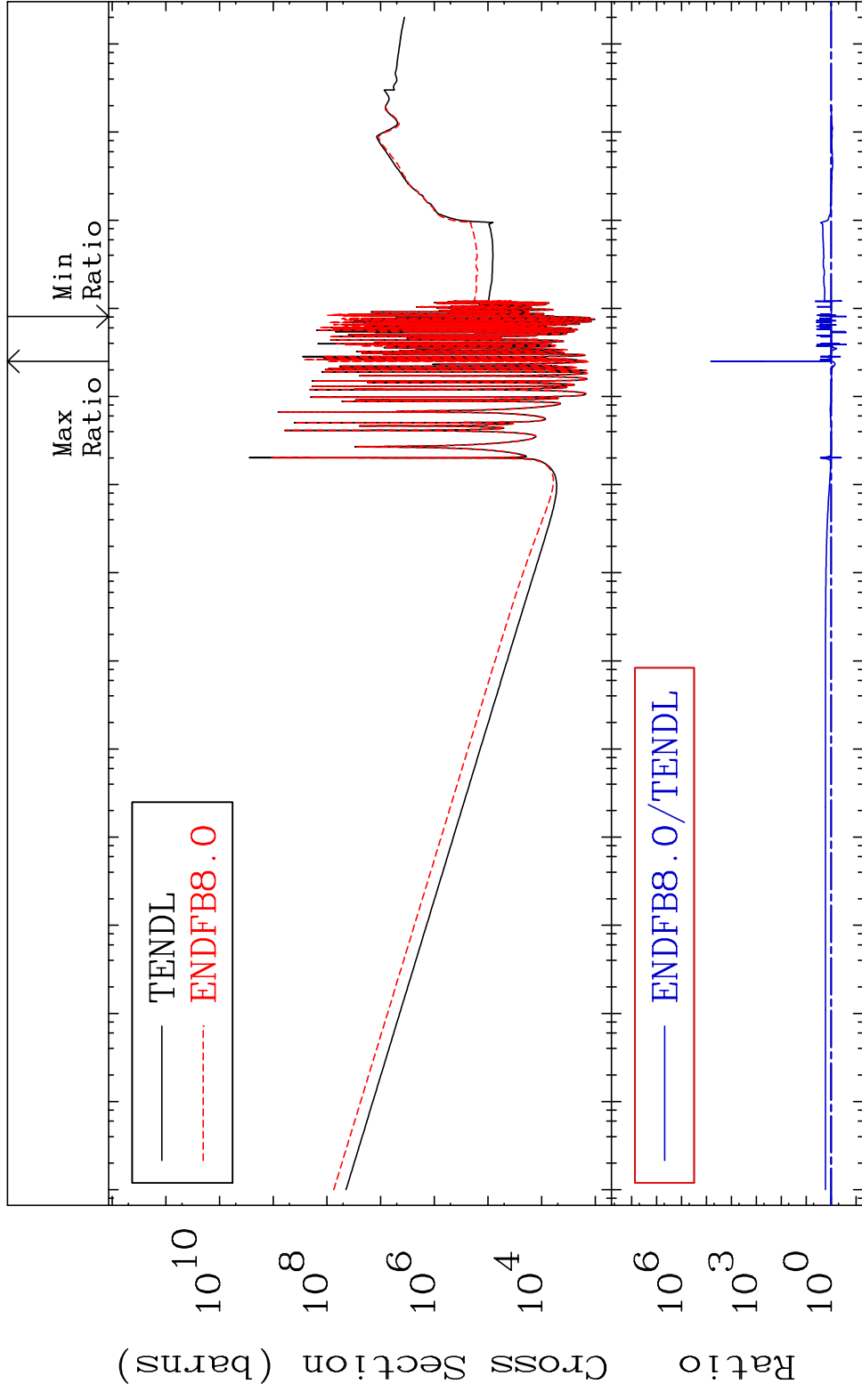


36

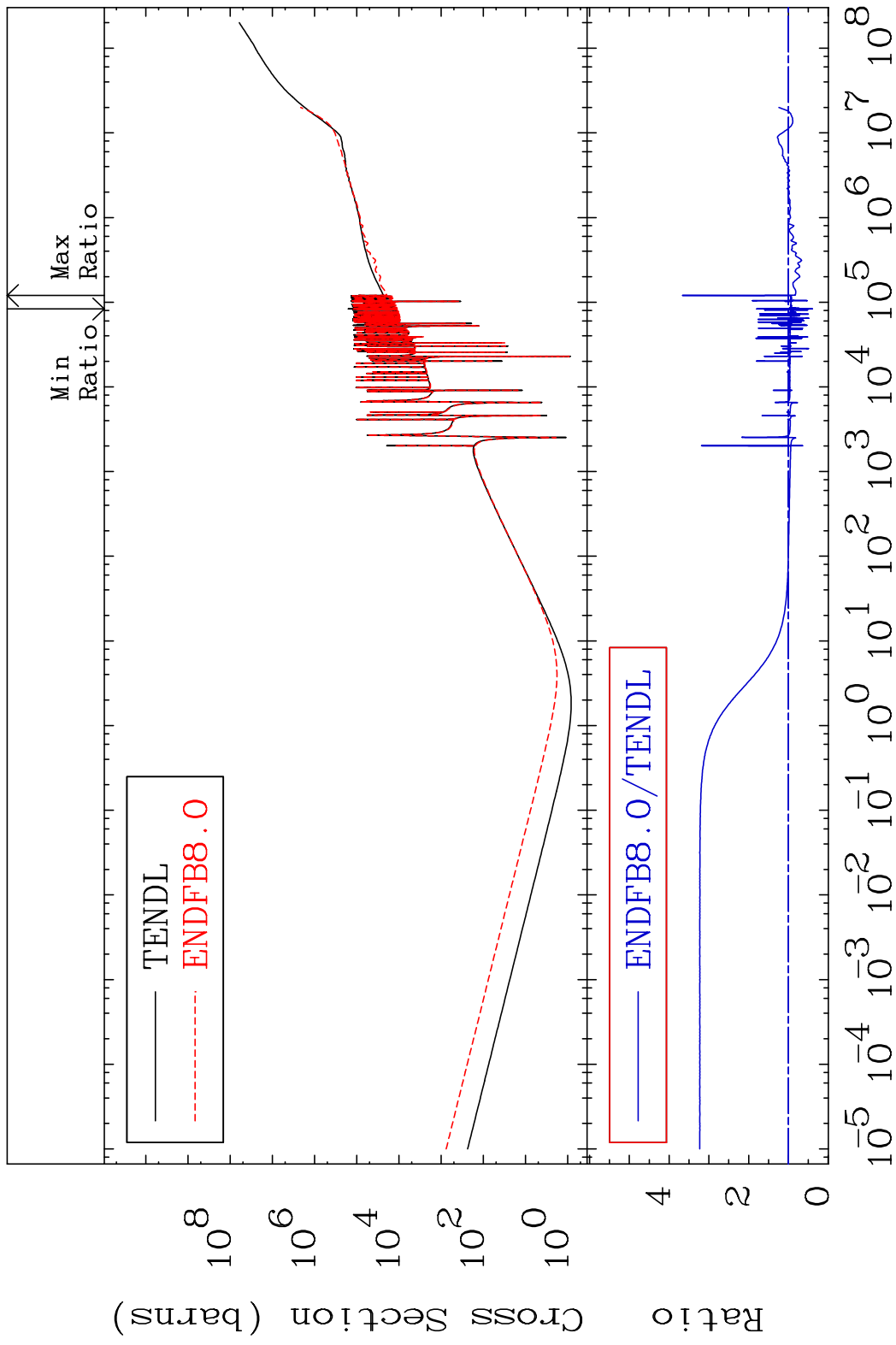
Incident Energy (eV)

40-Zr-92

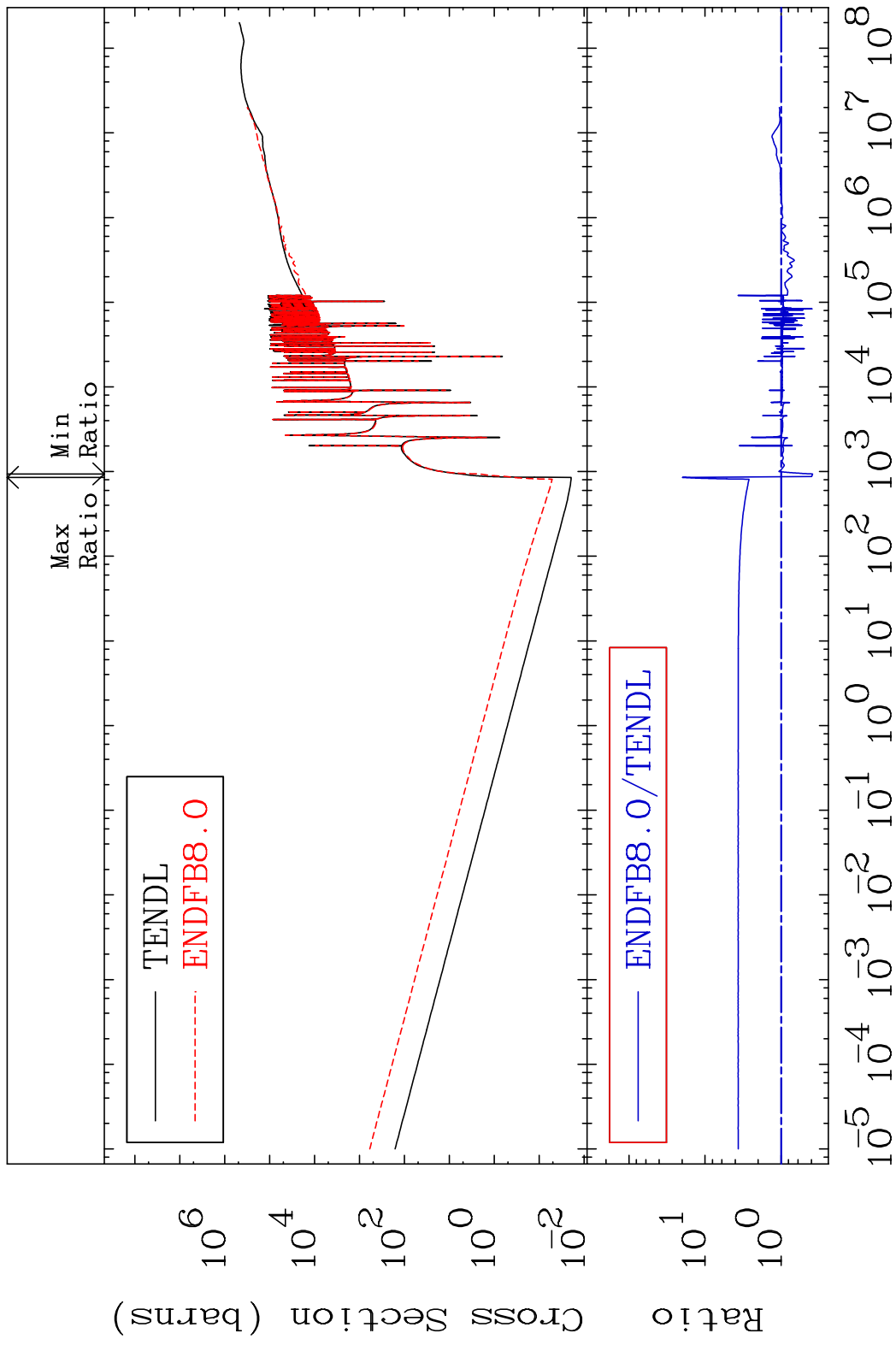
MAT 4031 Total photon (eV-barns) 40-Zr-92  
 Cross Section -75.53 To 9999. %



MAT 4031 Total kinematic kerma (high limit) 40-Zr-92  
 Cross Section -60.61 To 266.7 %



MAT 4031      Dpa total (eV-barns)      40-Zr-92  
 Cross Section      -61.42 To 1886. %



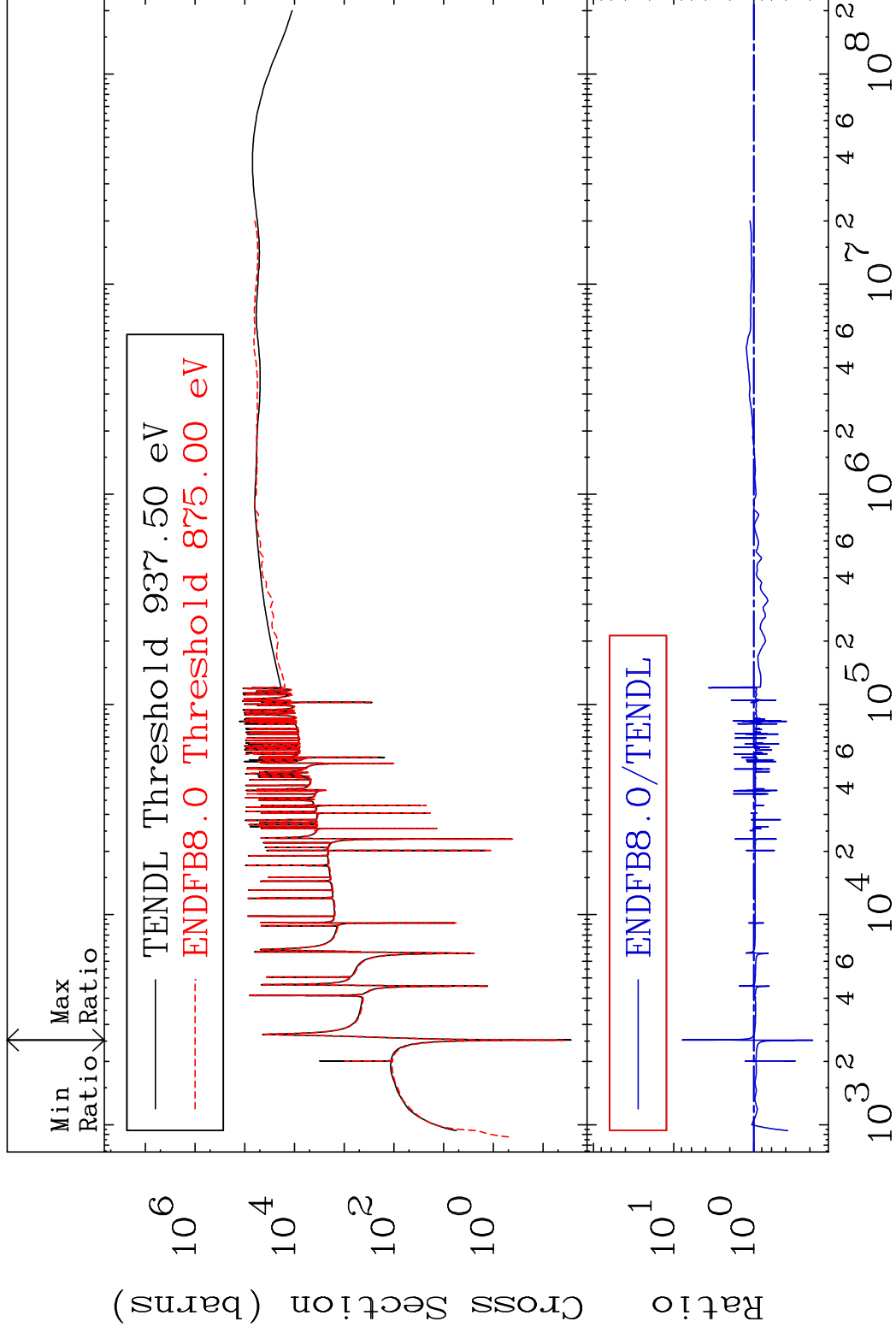


MAT 4031

Dpa elastic (mt2)

40-Zr-92

Cross Section -81.45 To 679.3 %

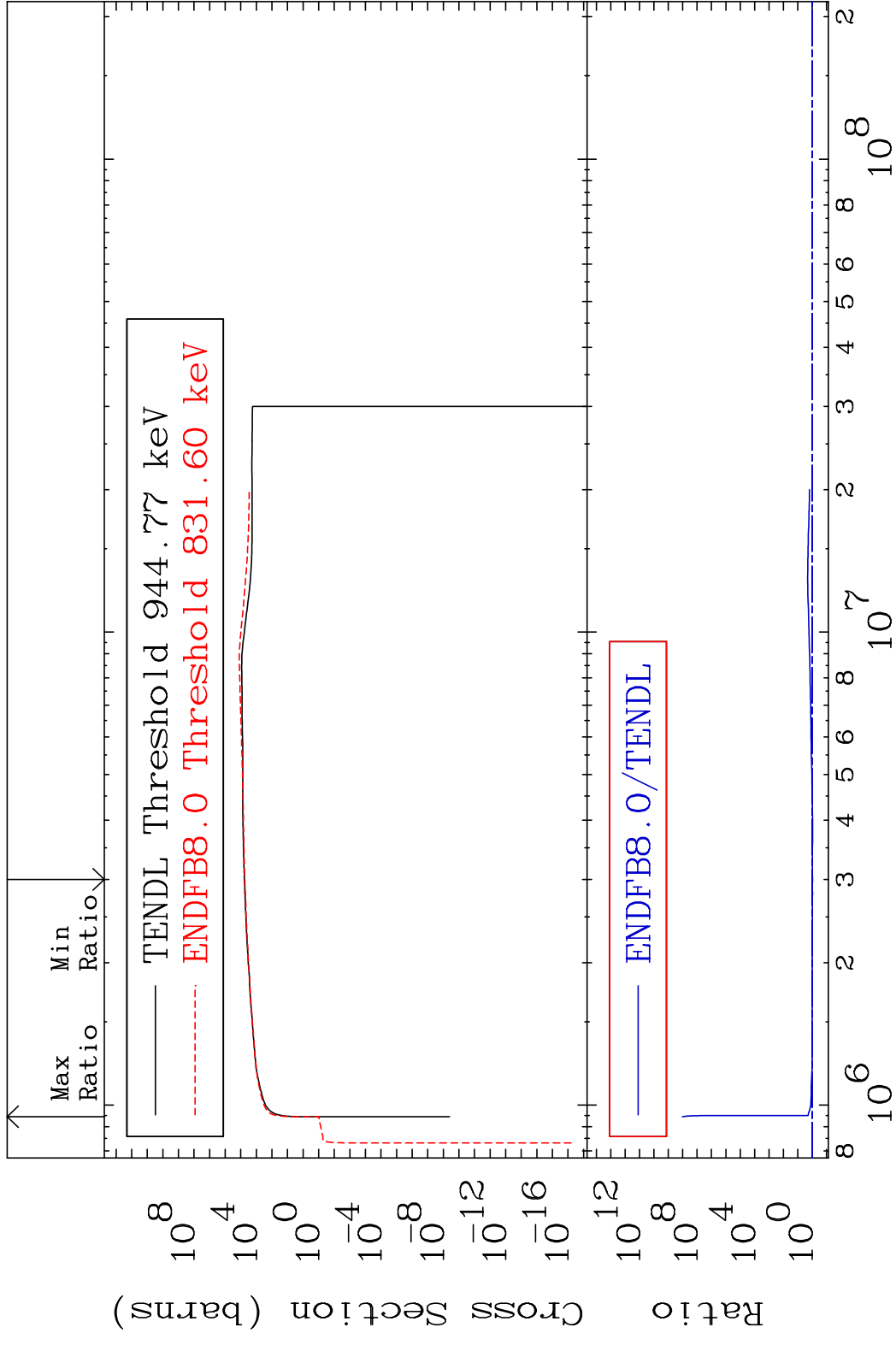


40

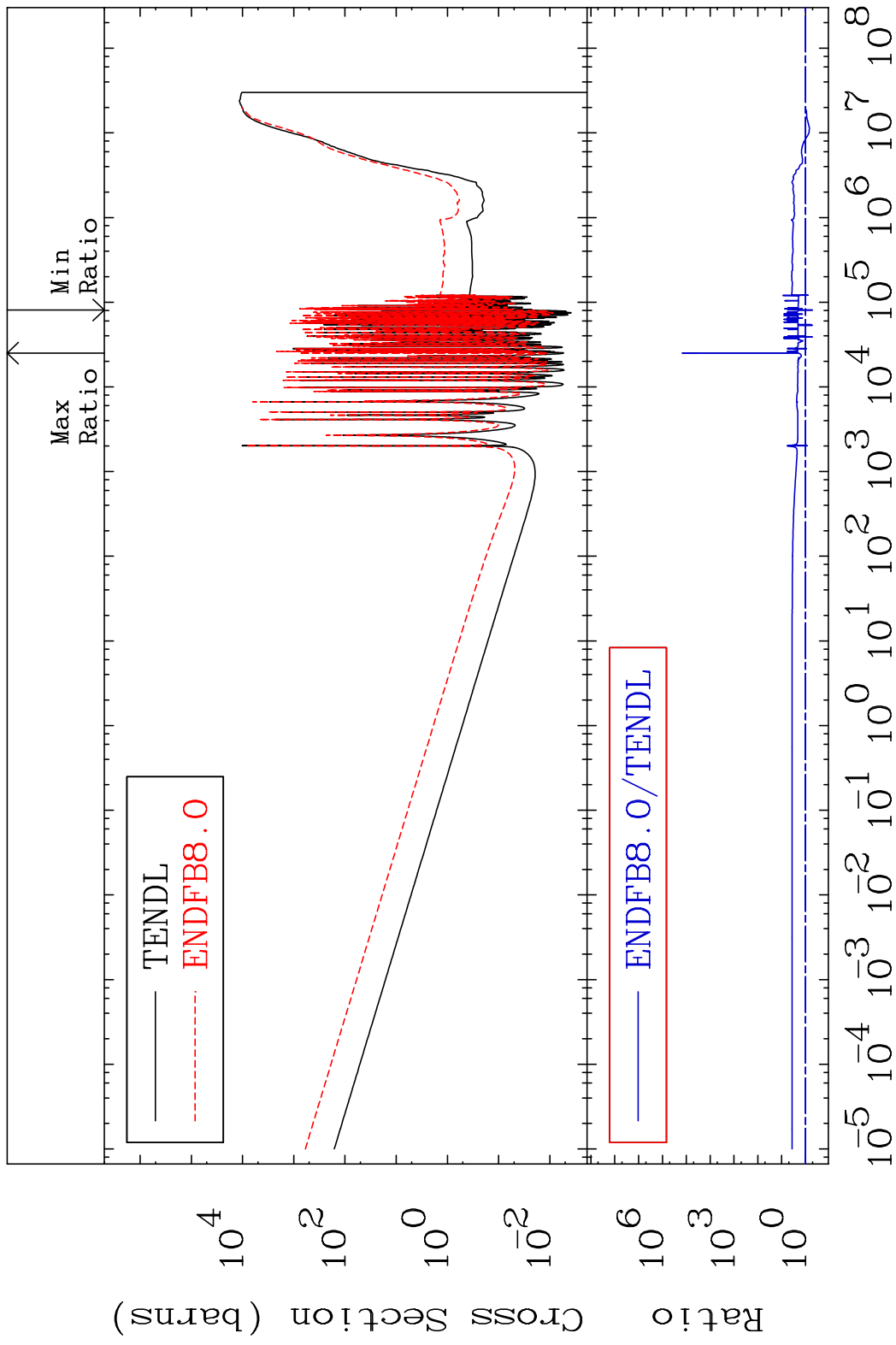
Incident Energy (eV)

40-Zr-92

MAT 4031      Dpa inelastic (mt51-91)      40-Zr-92  
 Cross Section    -7.373 To 9999. %



MAT 4031 Dpa disappearance (mt102 -120) 40-Zr-92  
 Cross Section -49.28 To 9999. %



42 Incident Energy (eV) 40-Zr-92