

Program Complot
(Version 2021-1)

by

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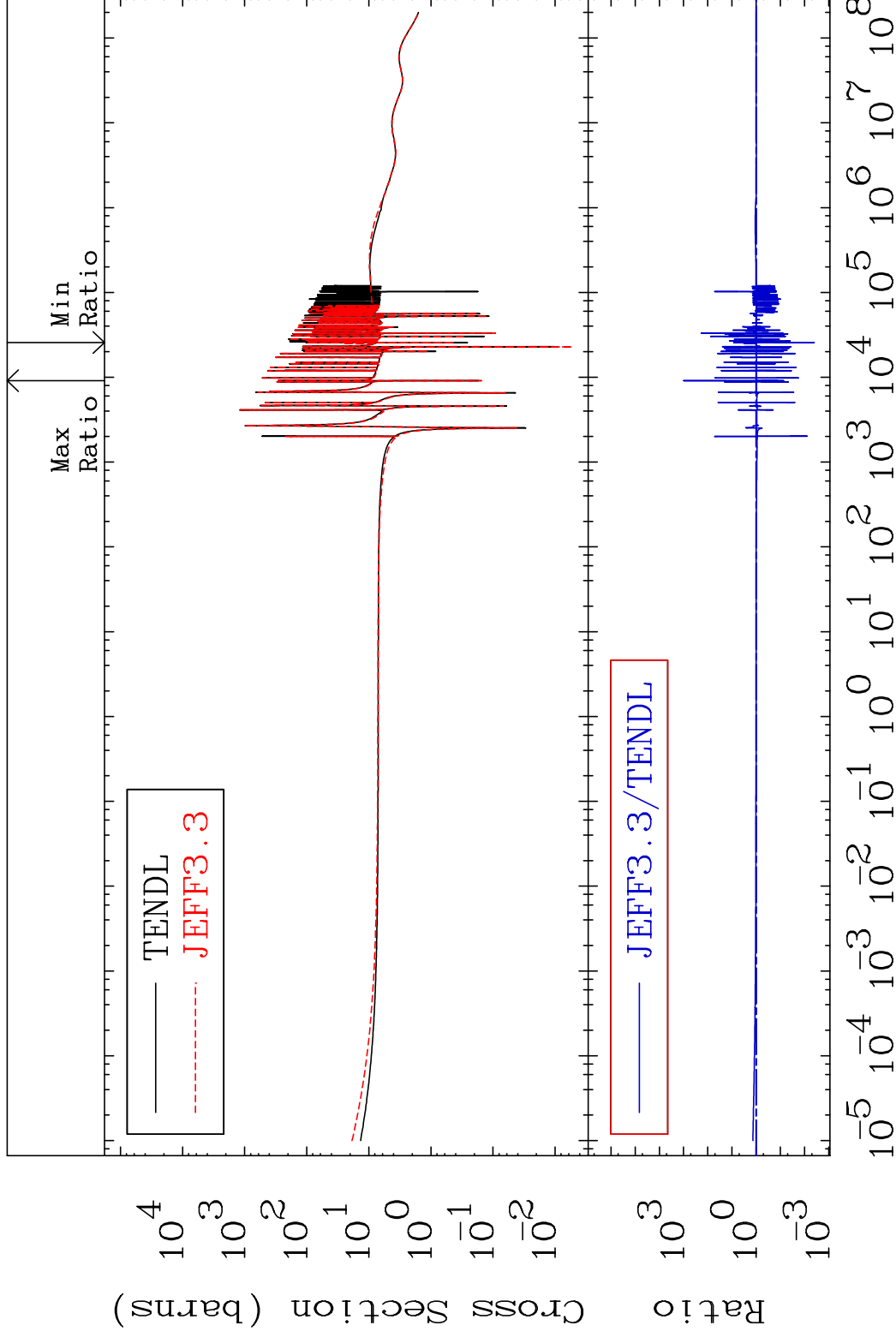
Press Mouse Button to Start

MAT 4031

Total

40-Zr-92

Cross Section -99.59 To 9999. %



1

Incident Energy (eV)

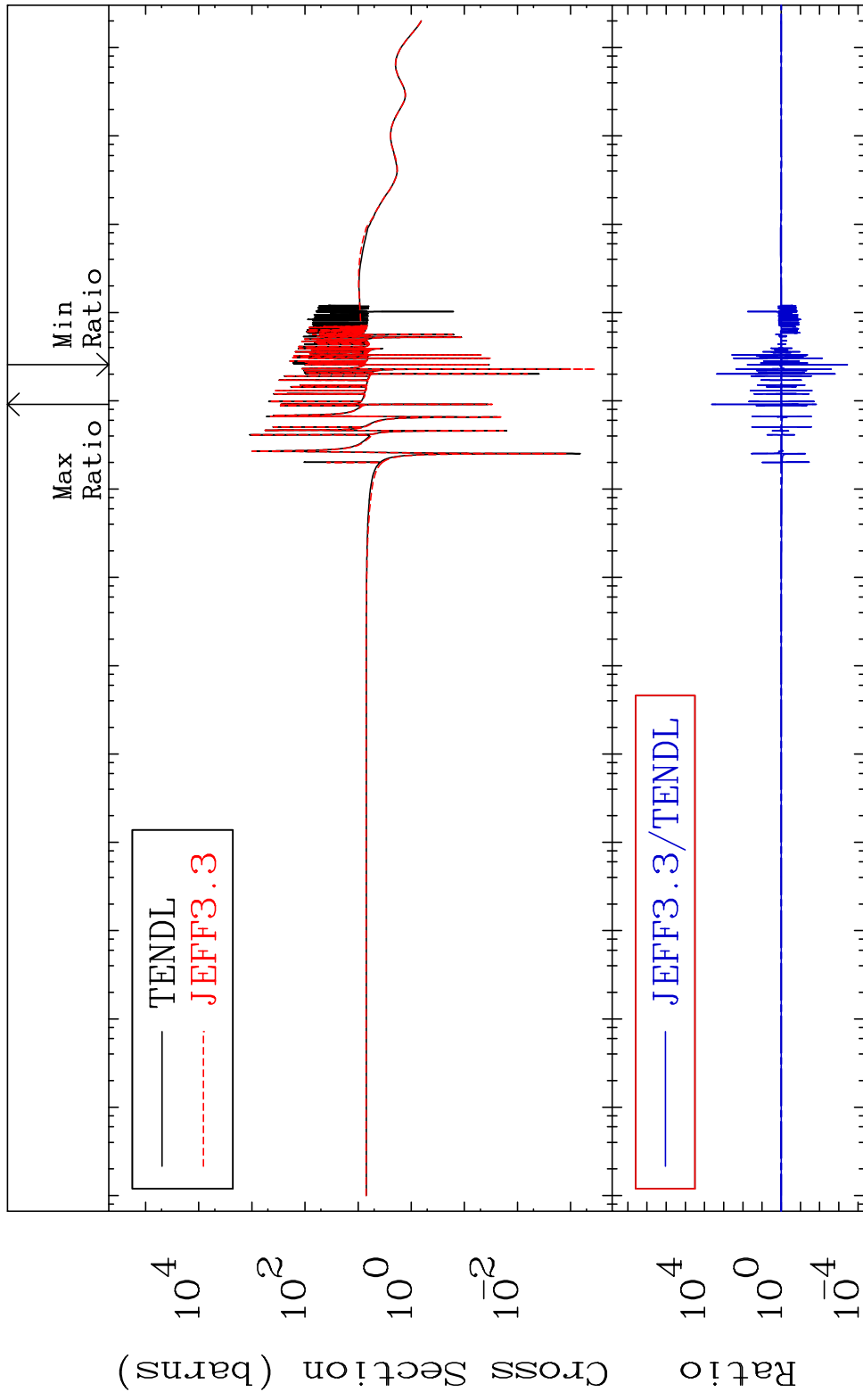
40-Zr-92

MAT 4031

Elastic

40-Zr-92

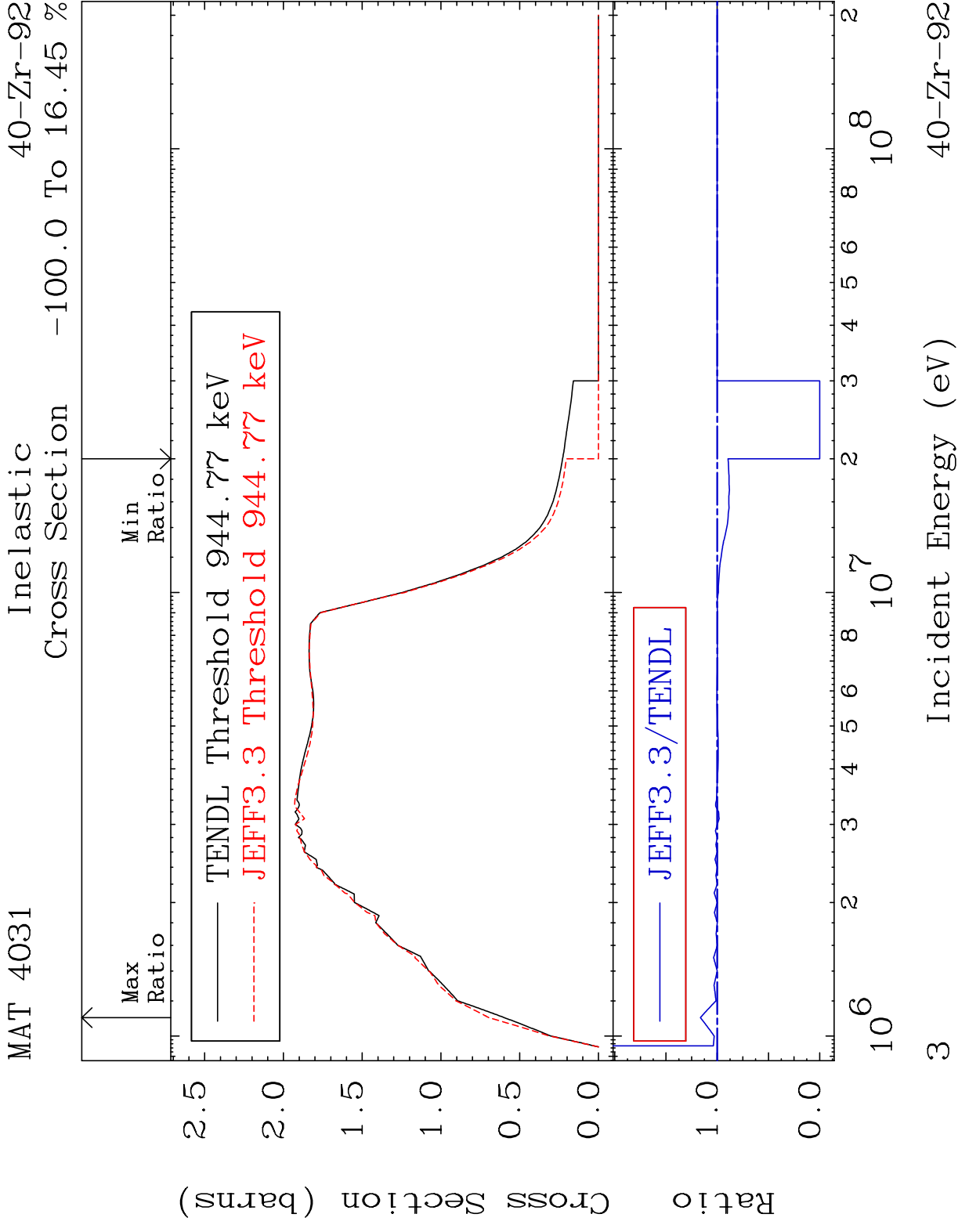
Cross Section -99.96 To 9999. %



2

Incident Energy (eV)

40-Zr-92

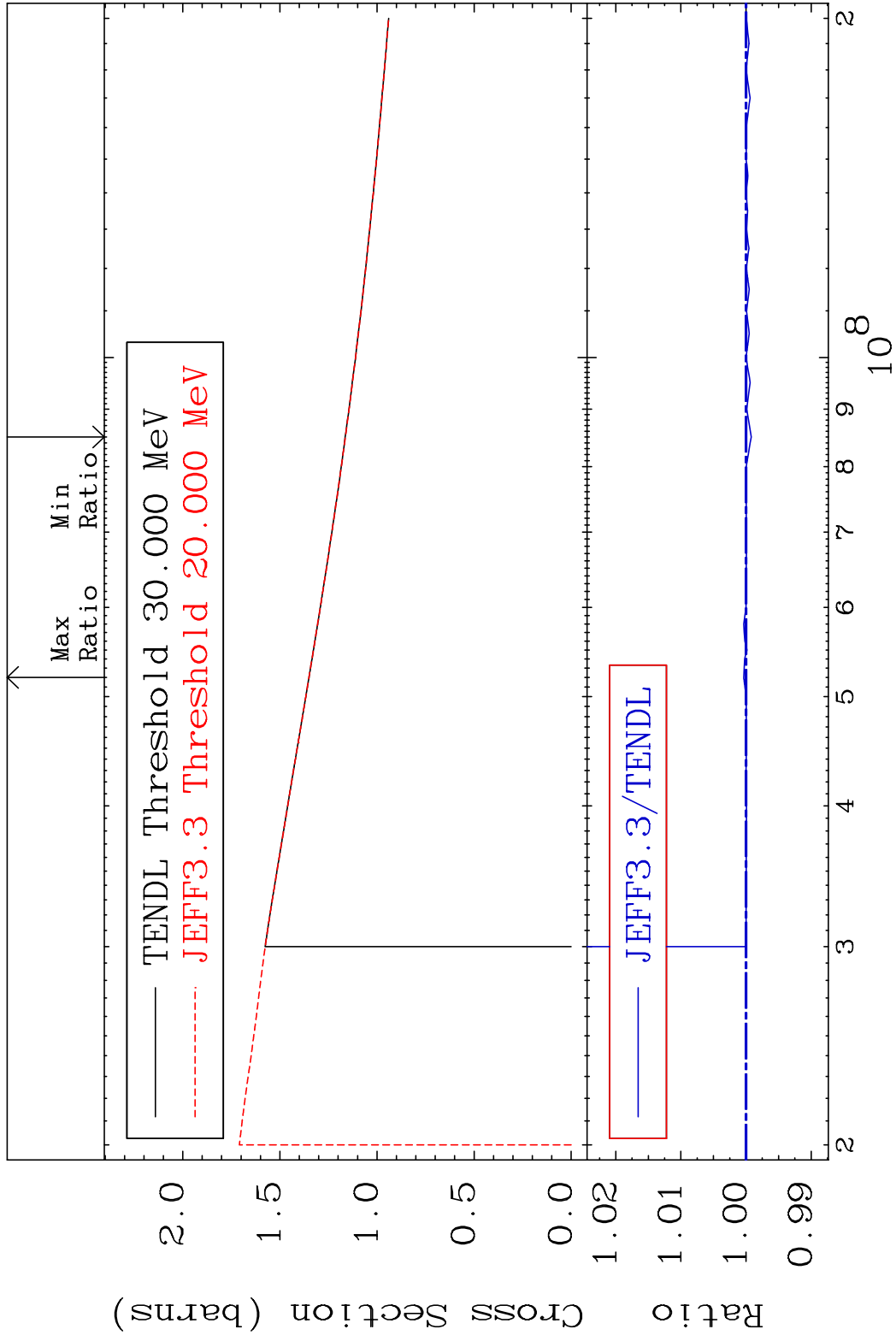


MAT 4031

(n, remainder)

40-Zr-92

Cross Section -0.080 To 0.036 %



4

Incident Energy (eV)

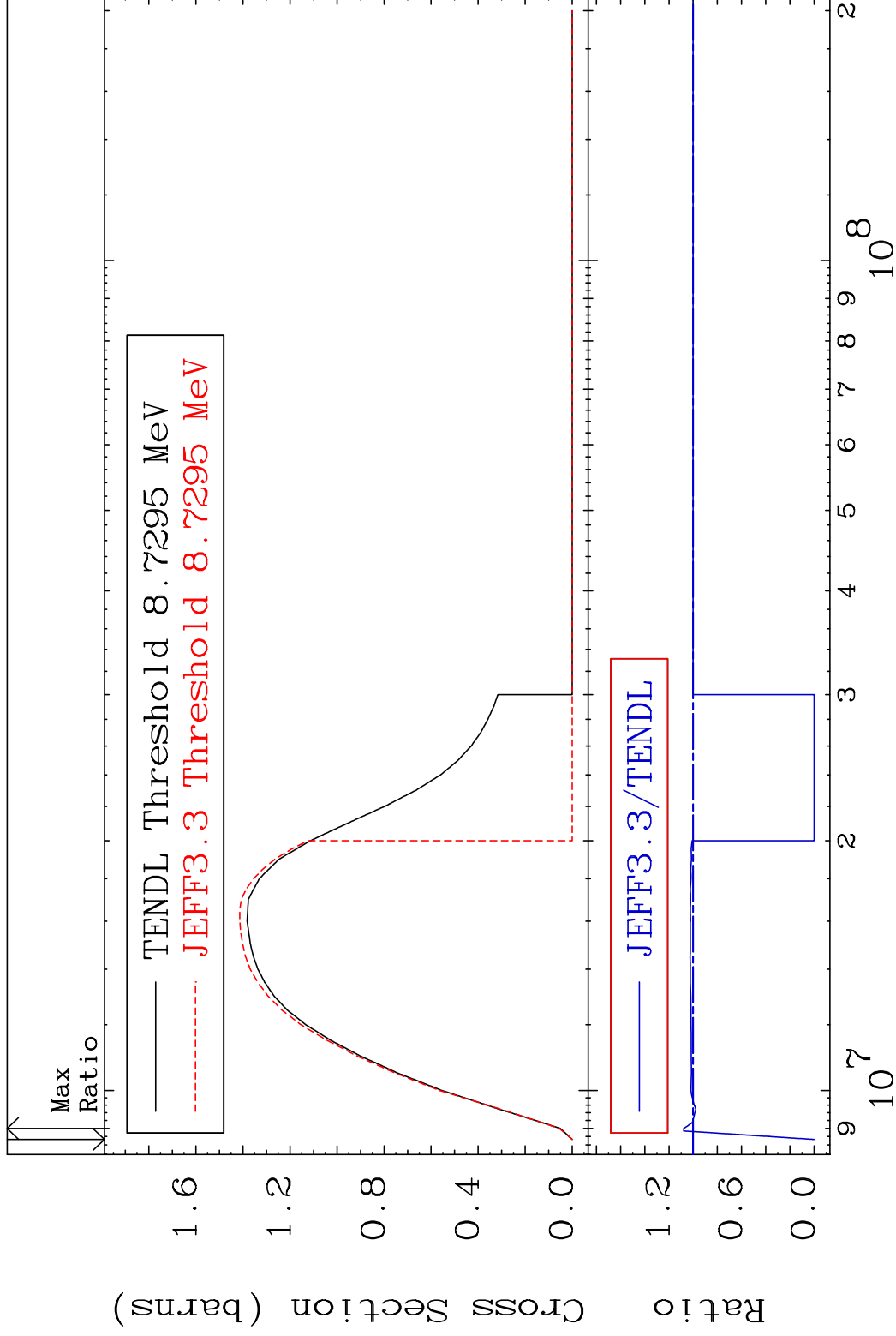
40-Zr-92

MAT 4031

(n,2n)

40-Zr-92

Cross Section -100.0 To 7.866 %

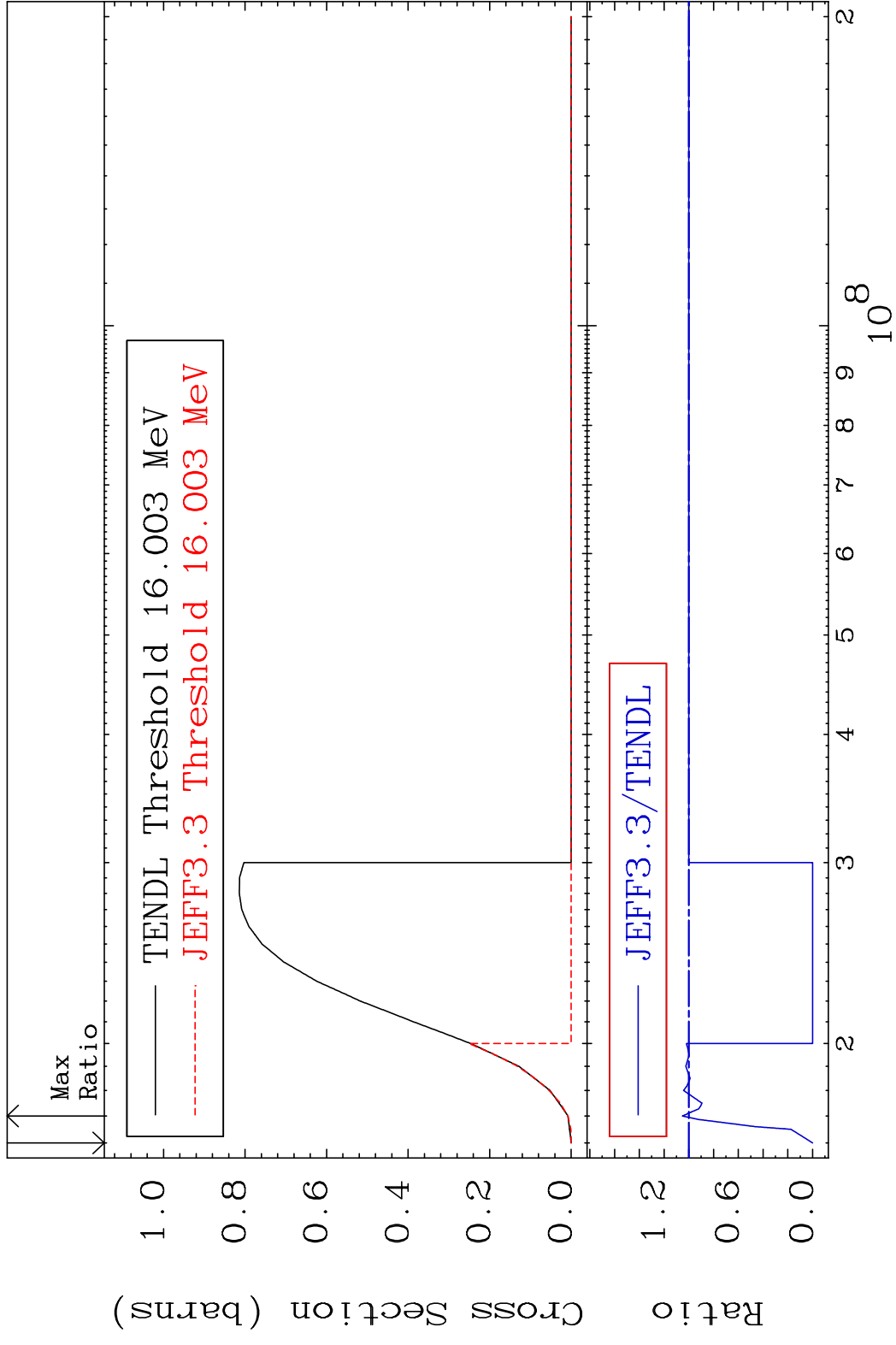


5

Incident Energy (eV)

40-Zr-92

MAT 4031 (n,3n) 40-Zr-92
 Cross Section -100.0 To 5.232 %

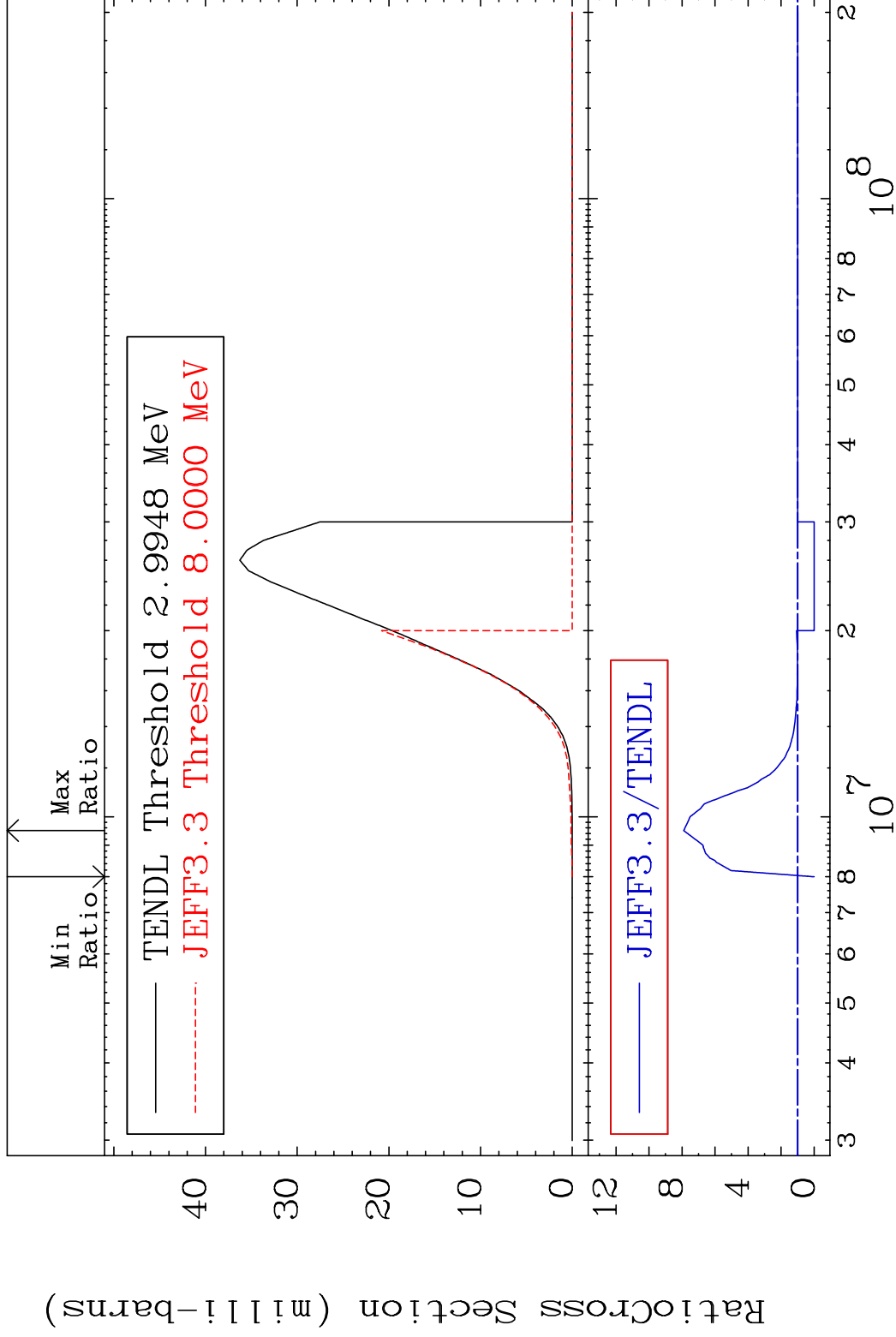


MAT 4031

(n, n') α

40-Zr-92

Cross Section -100.0 To 690.0 %



7

Incident Energy (eV)

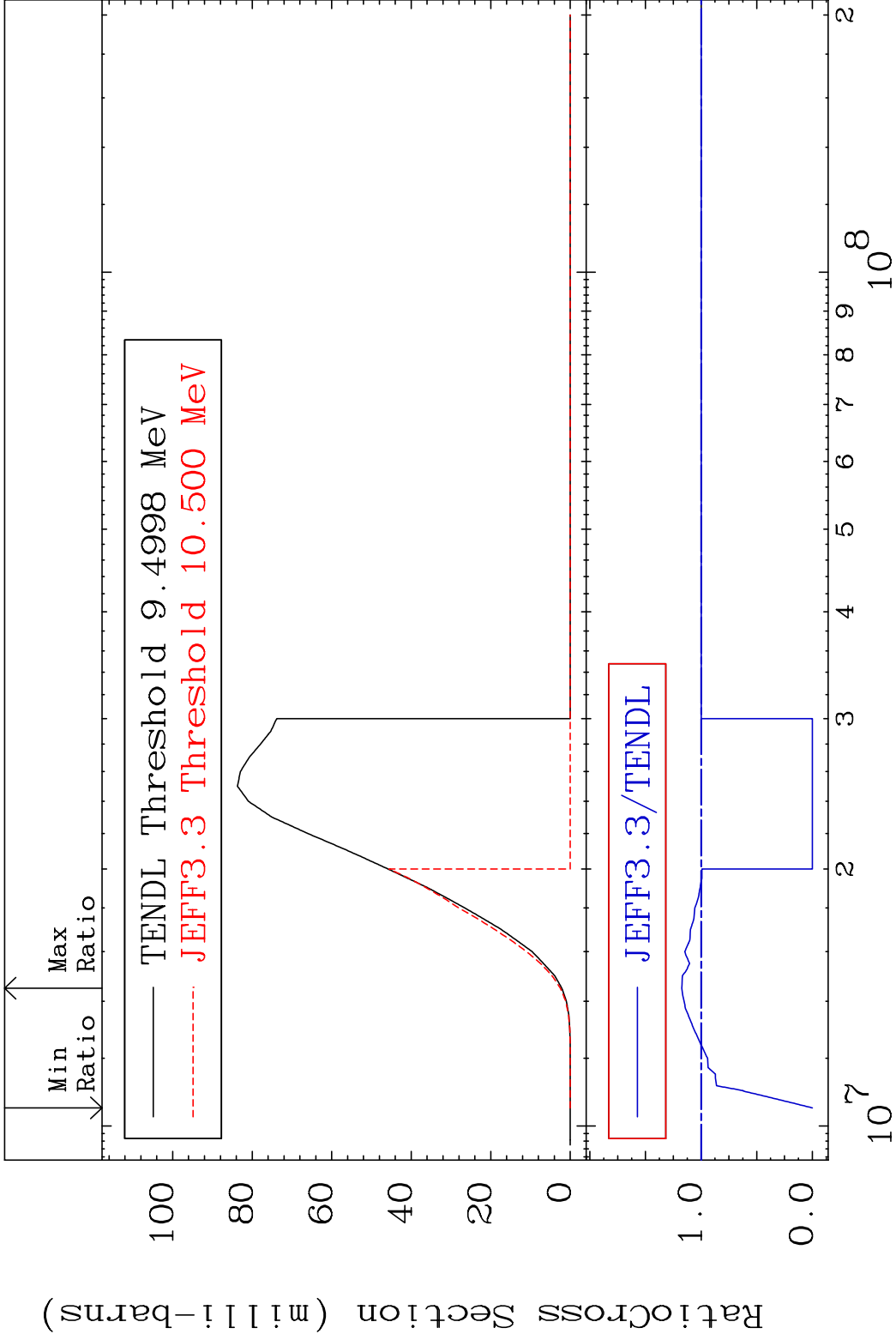
40-Zr-92

MAT 4031

(n, n') p

40-Zr-92

Cross Section -100.0 To 17.41 %



8

Incident Energy (eV)

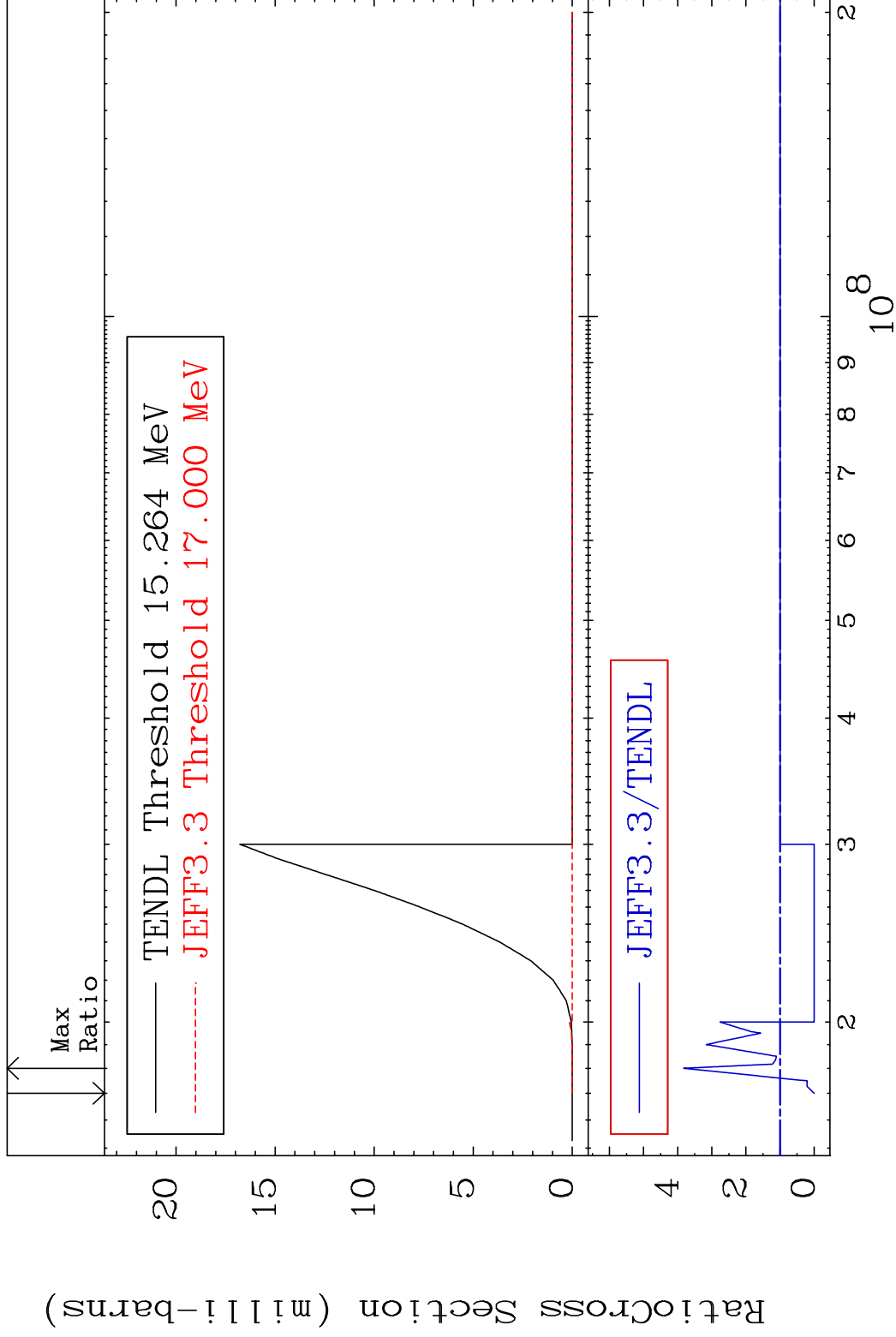
40-Zr-92

MAT 4031

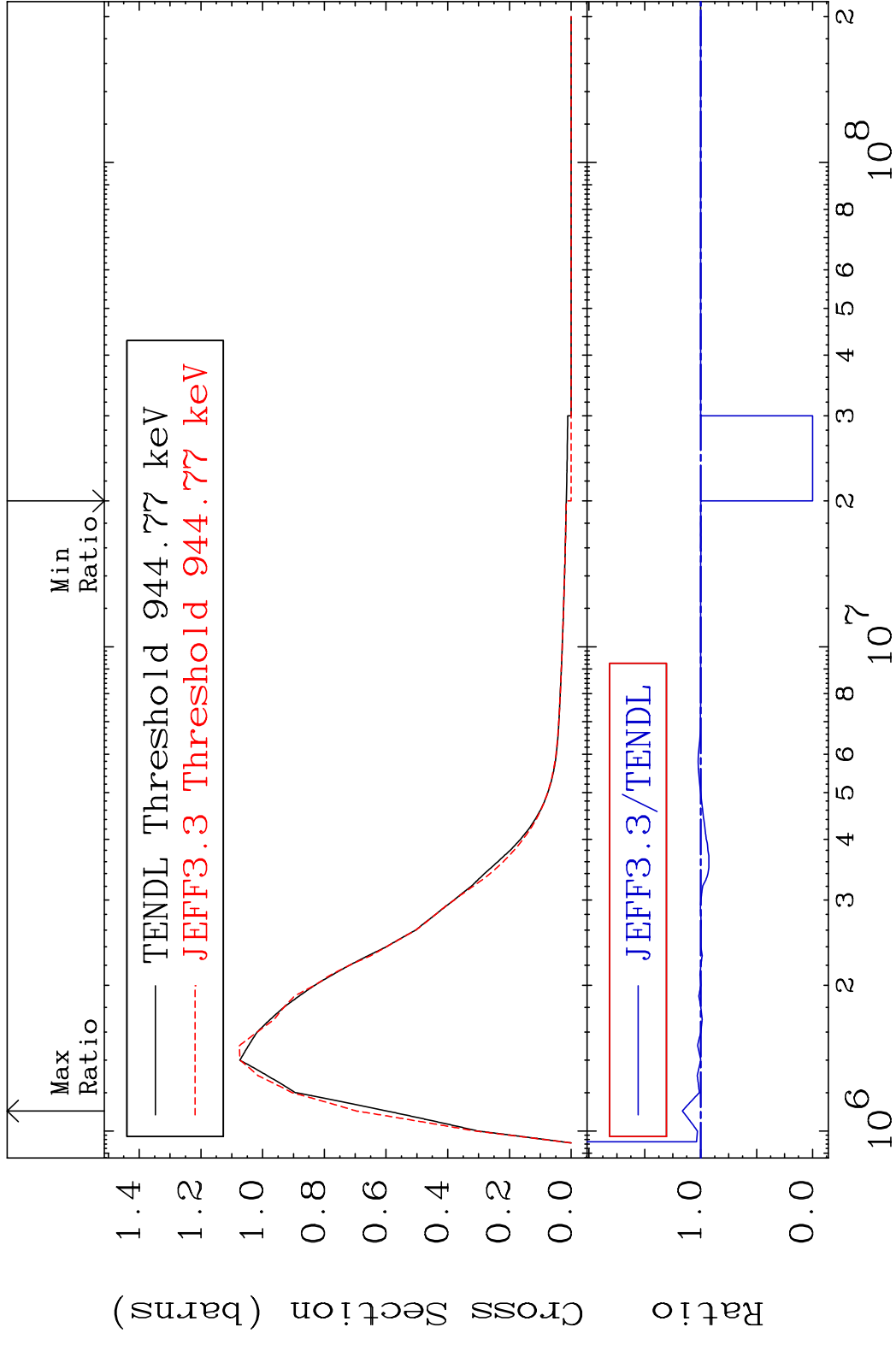
(n, n') d

40-Zr-92

Cross Section -100.0 To 282.5 %

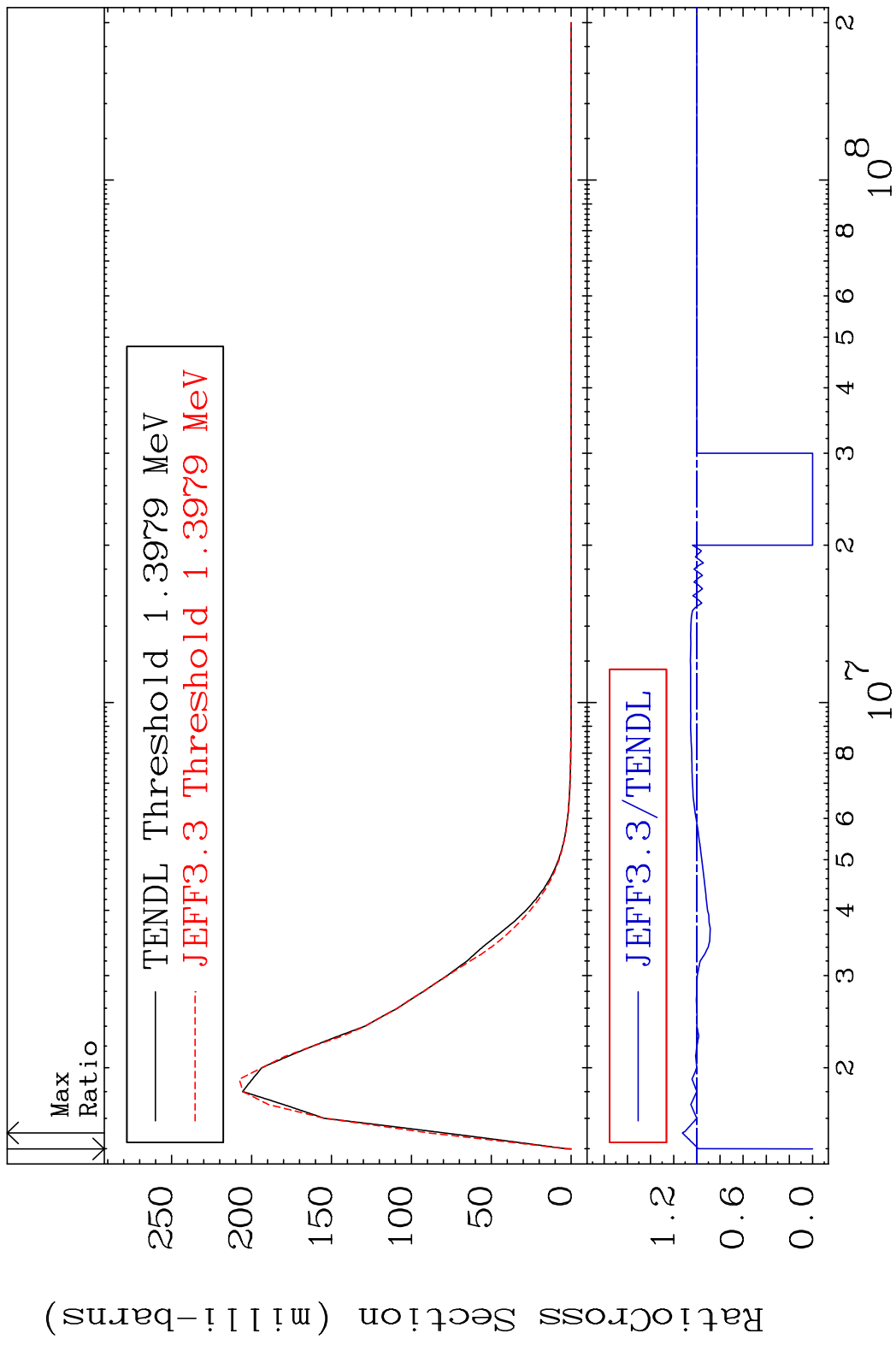


MAT 4031 MT= 51 (n, n') Level 40-Zr-92
 Cross Section -100.0 To 16.45 %

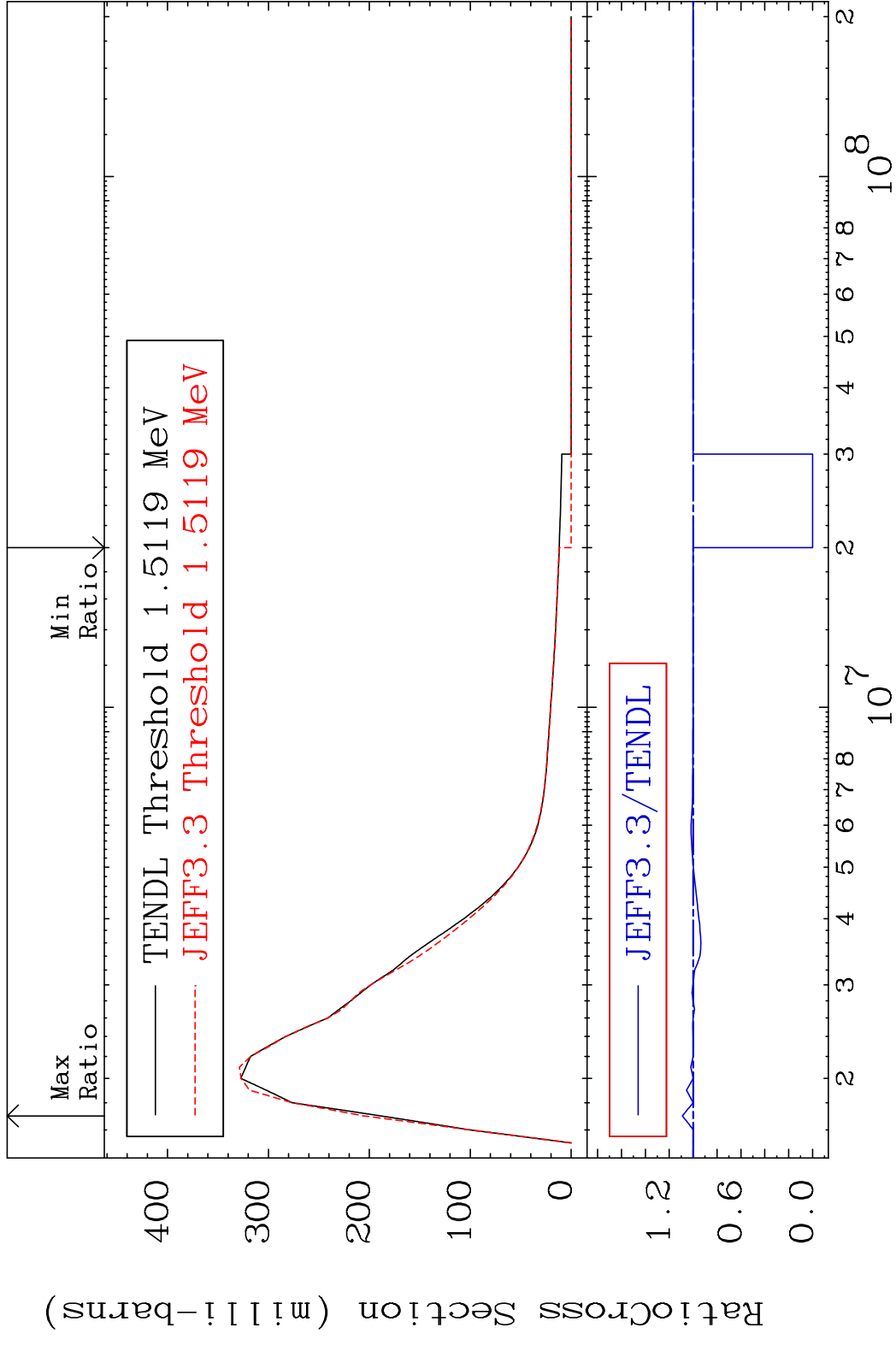


11 Incident Energy (eV) 40-Zr-92

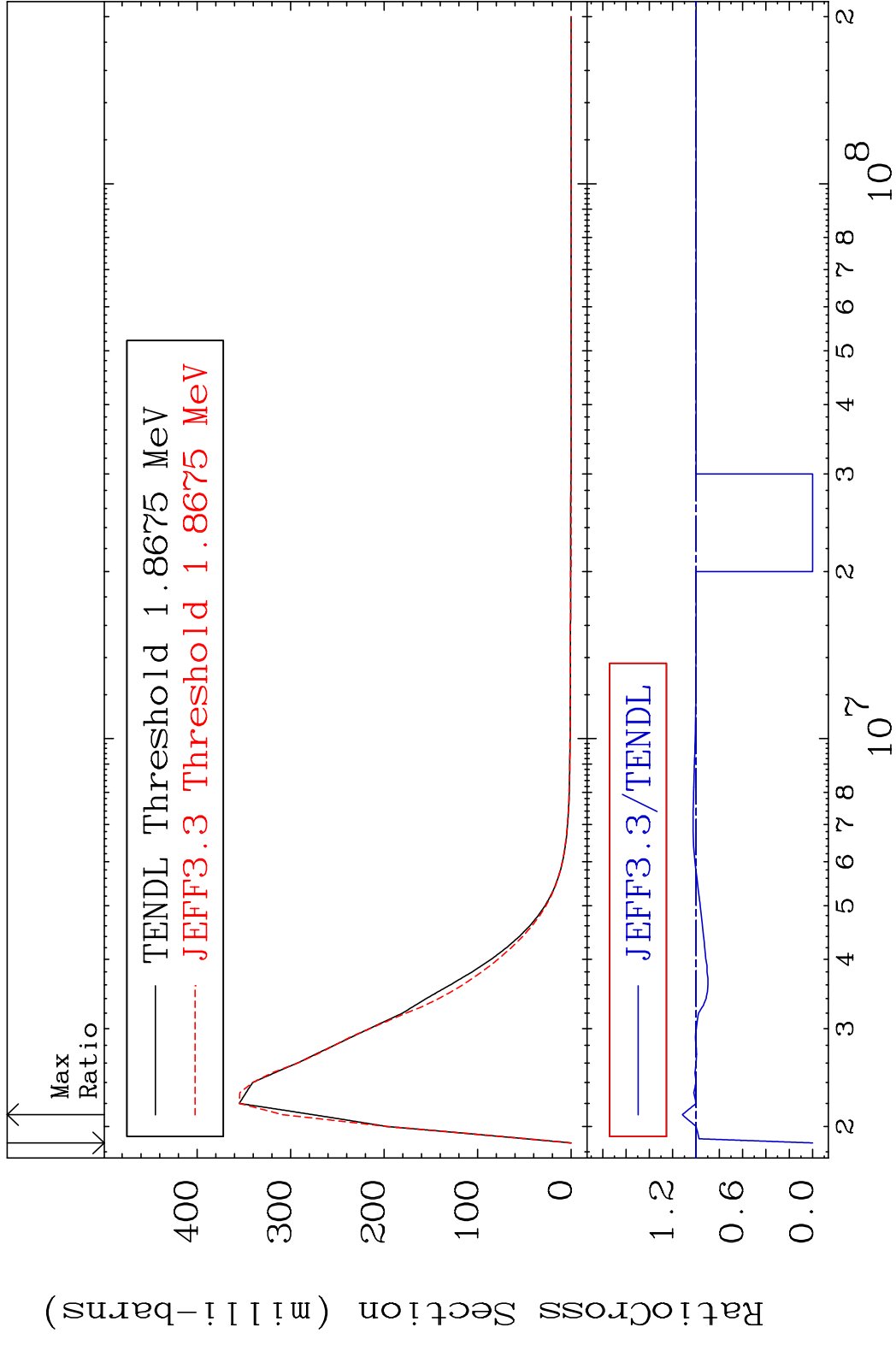
MAT 4031 MT= 52 (n, n') Level 40-Zr-92
 Cross Section -100.0 To 12.46 %



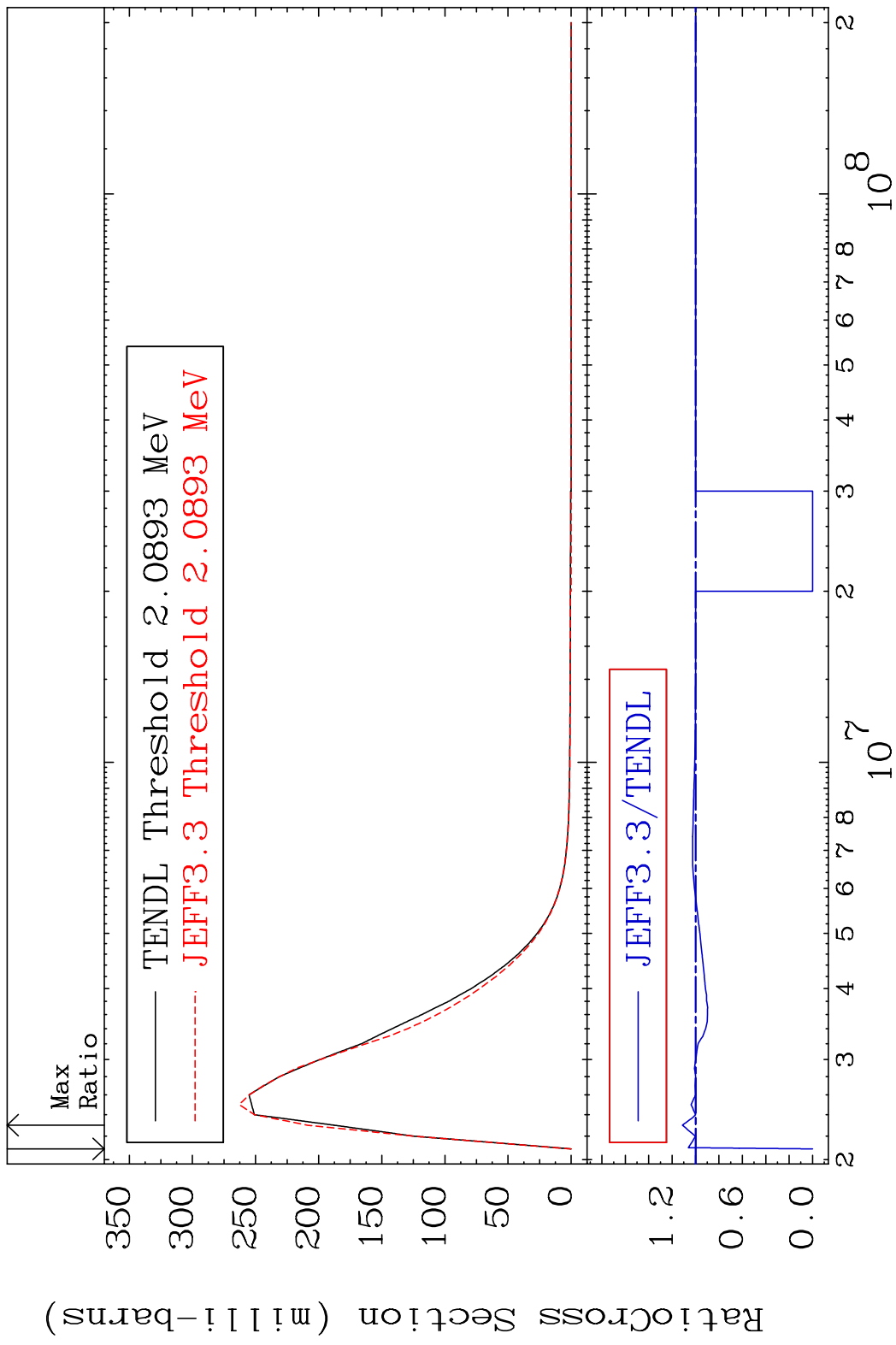
MAT 4031 MT= 53 (n, n') Level 40-Zr-92
 Cross Section -100.0 To 9.006 %



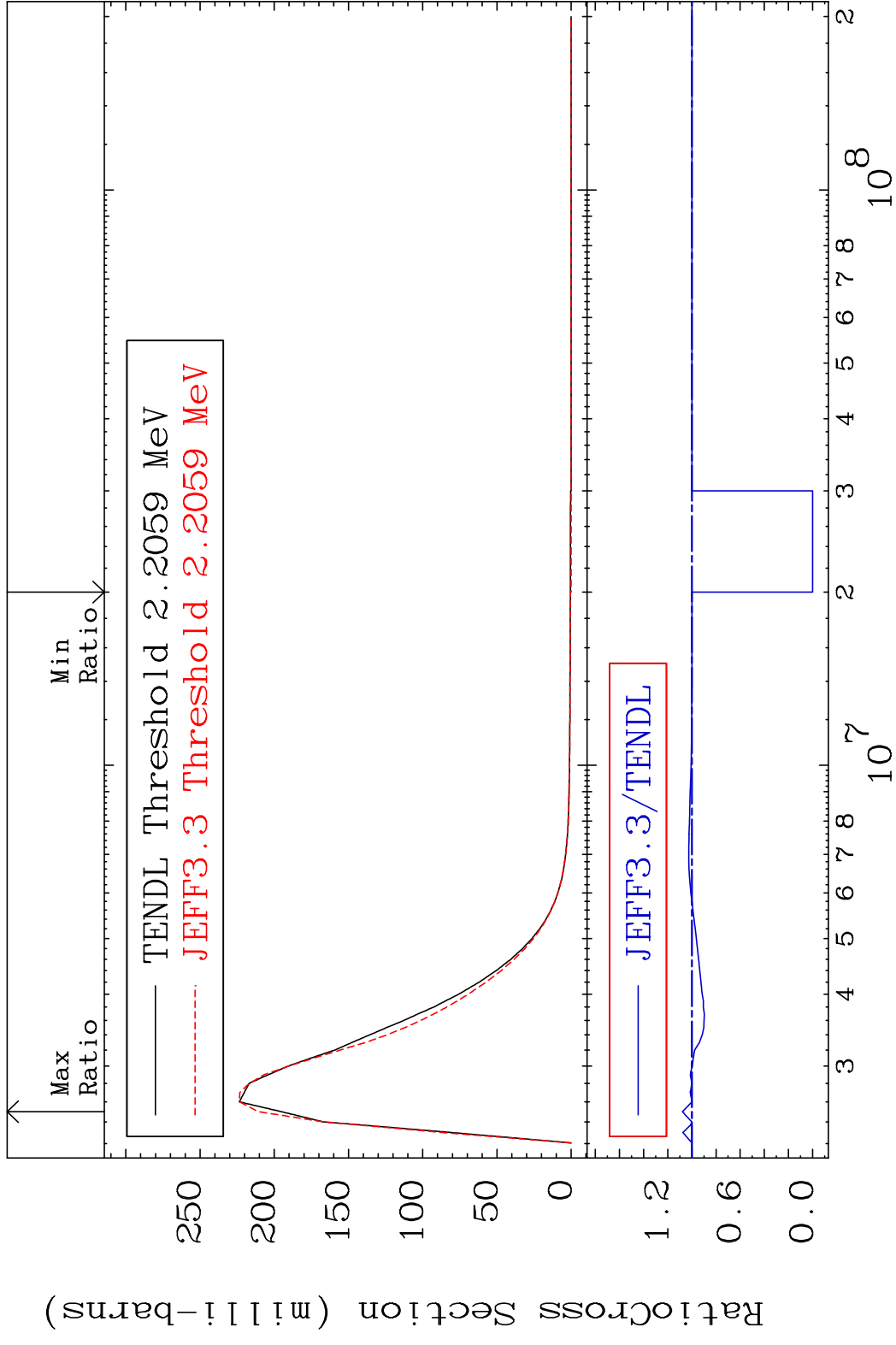
MAT 4031 MT= 54 (n,n') Level 40-Zr-92
 Cross Section -100.0 To 11.71 %



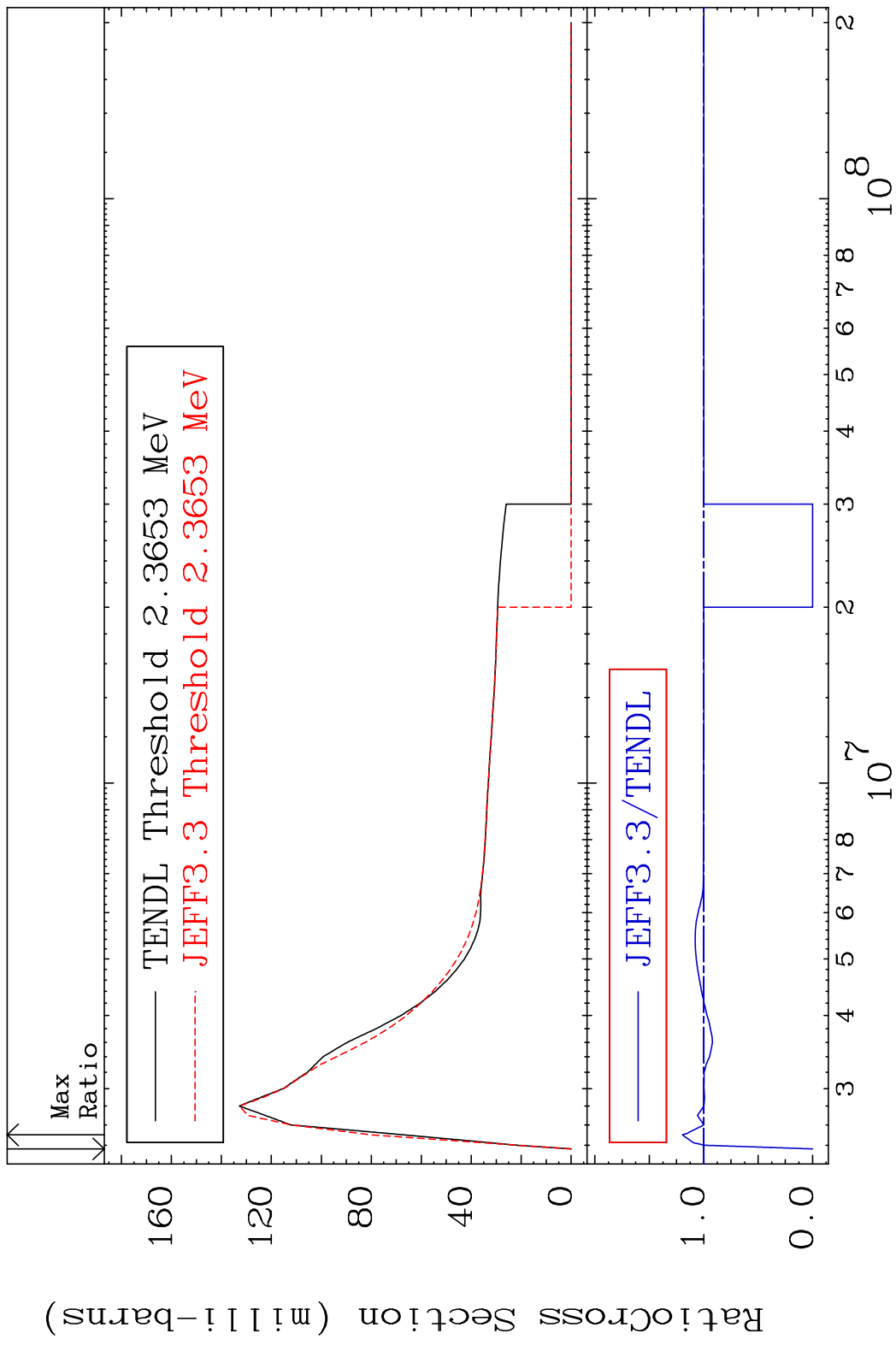
MAT 4031 MT= 55 (n, n') Level 40-Zr-92
 Cross Section -100.0 To 11.28 %



MAT 4031 MT= 56 (n, n') Level 40-Zr-92
 Cross Section -100.0 To 7.915 %

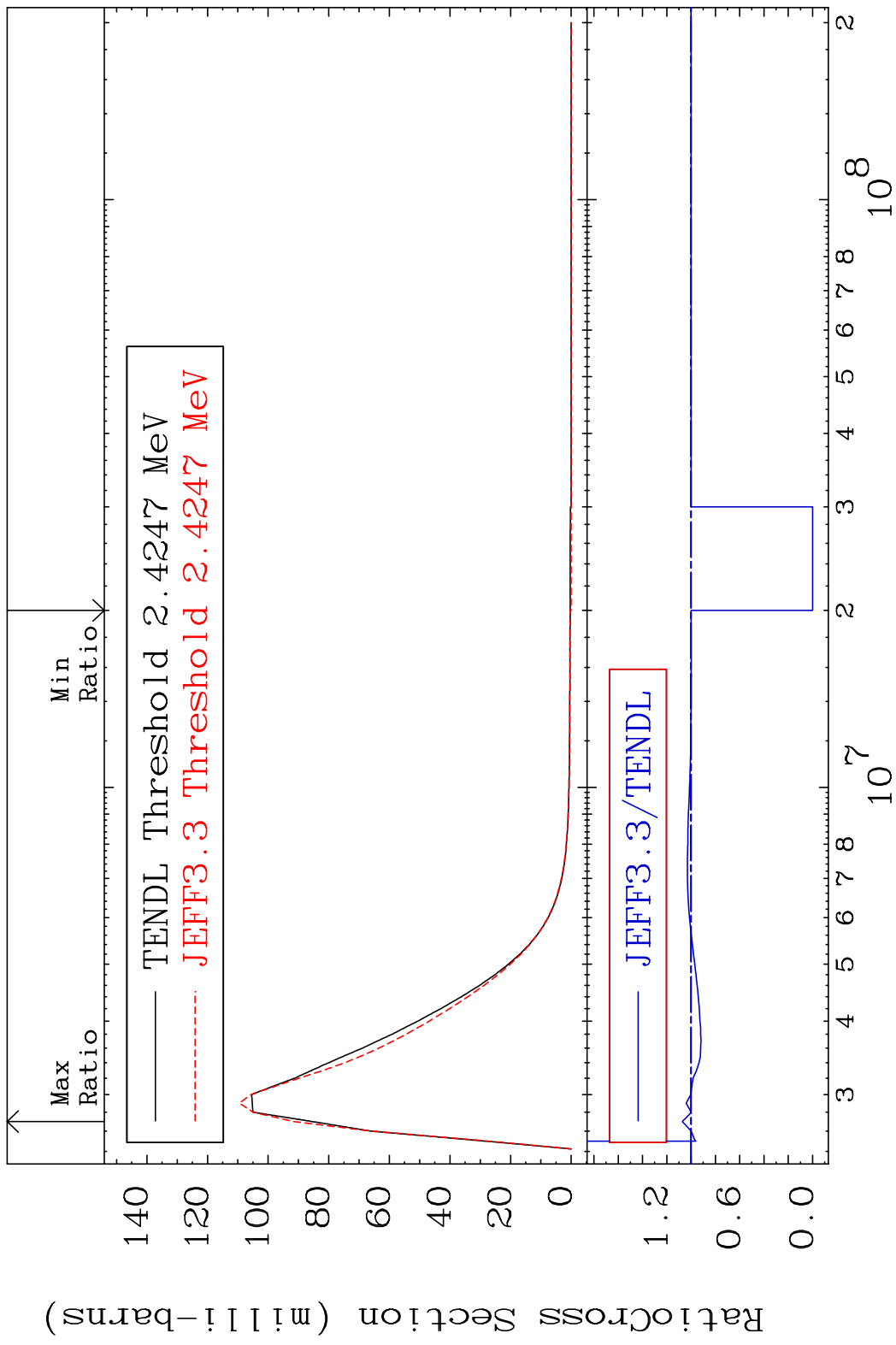


MAT 4031 MT= 57 (n, n') Level 40-Zr-92
 Cross Section -100.0 To 19.63 %

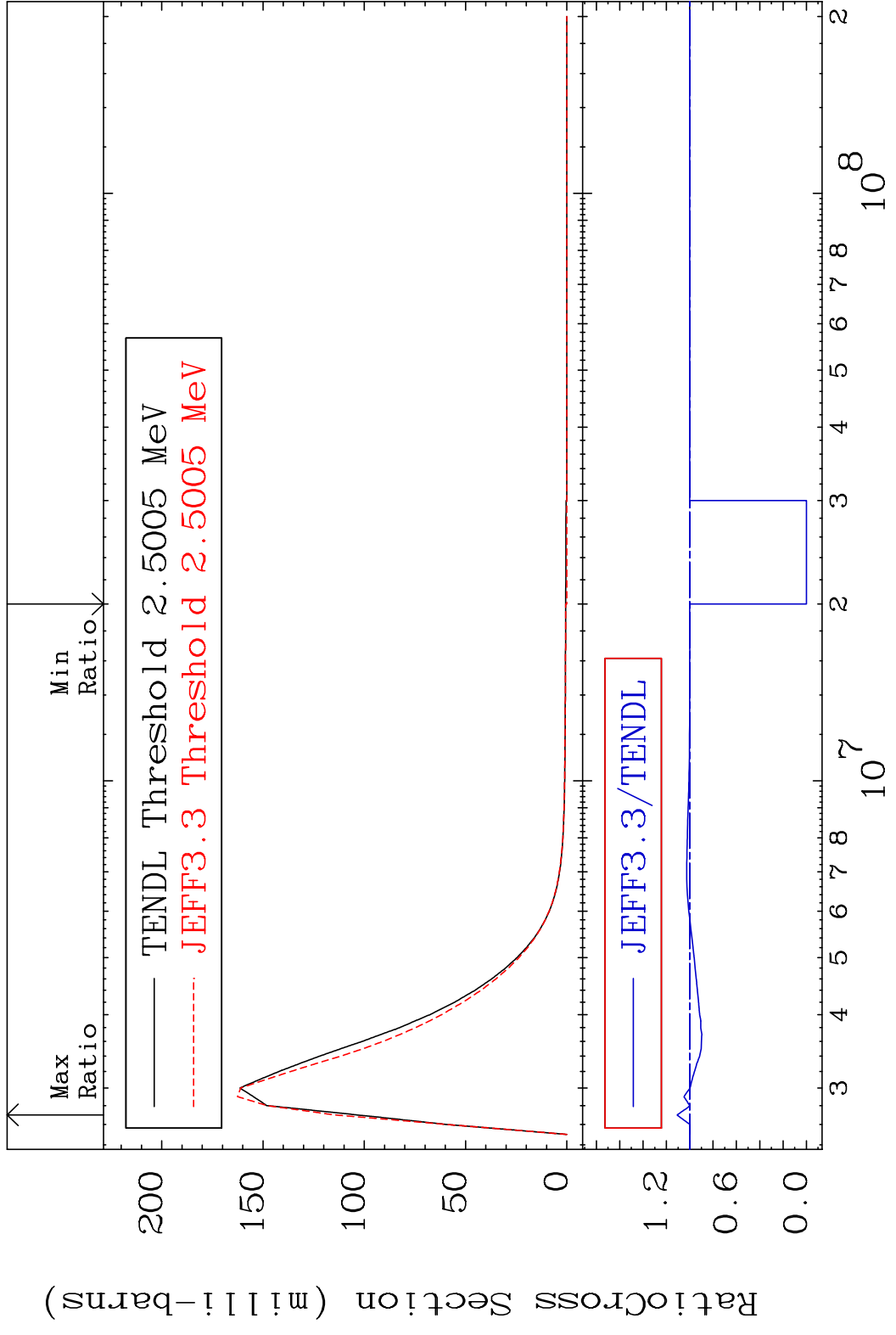


17 40-Zr-92

MAT 4031 MT= 58 (n,n') Level 40-Zr-92
 Cross Section -100.0 To 7.190 %

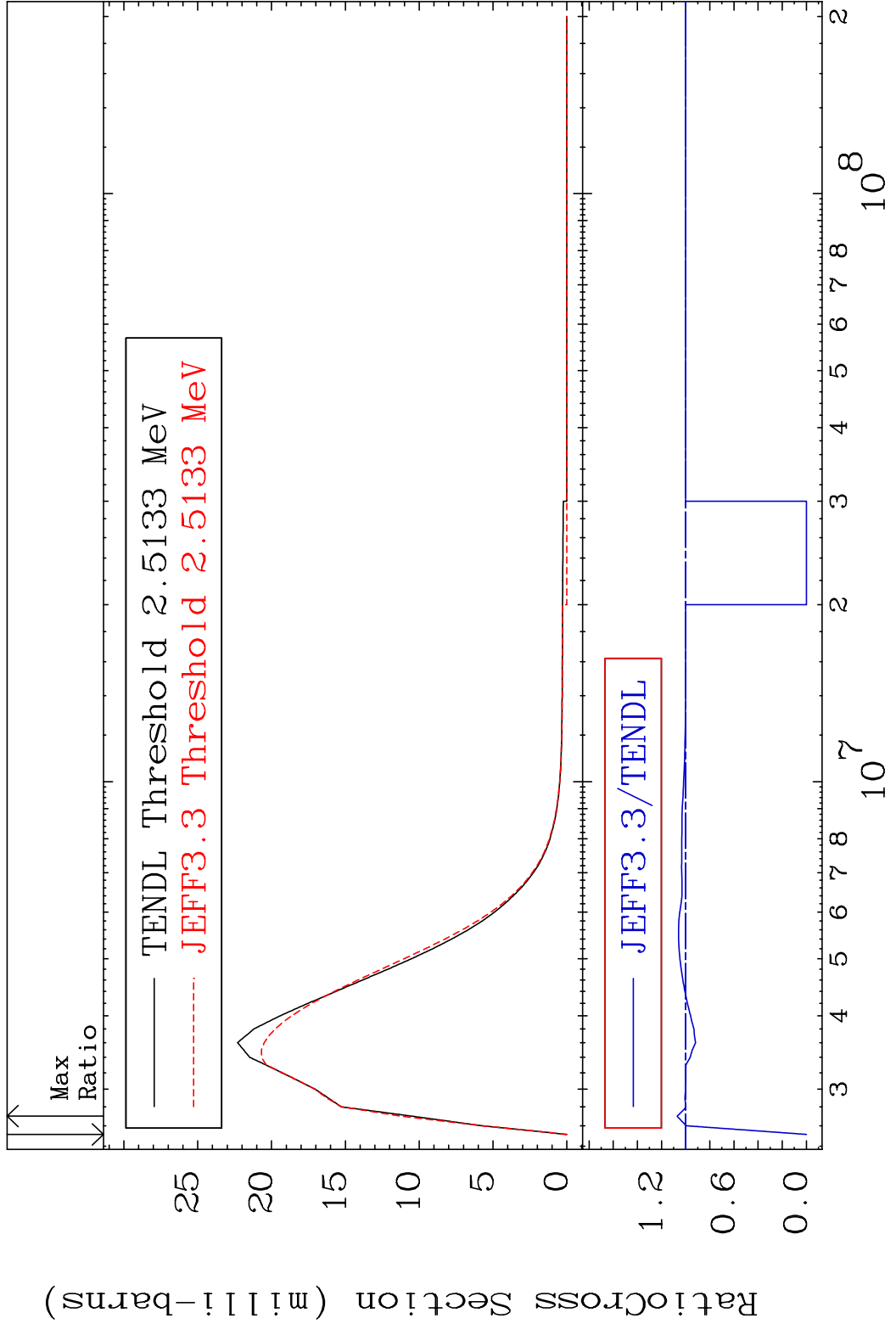


MAT 4031 MT= 59 (n, n') Level 40-Zr-92
 Cross Section -100.0 To 10.75 %



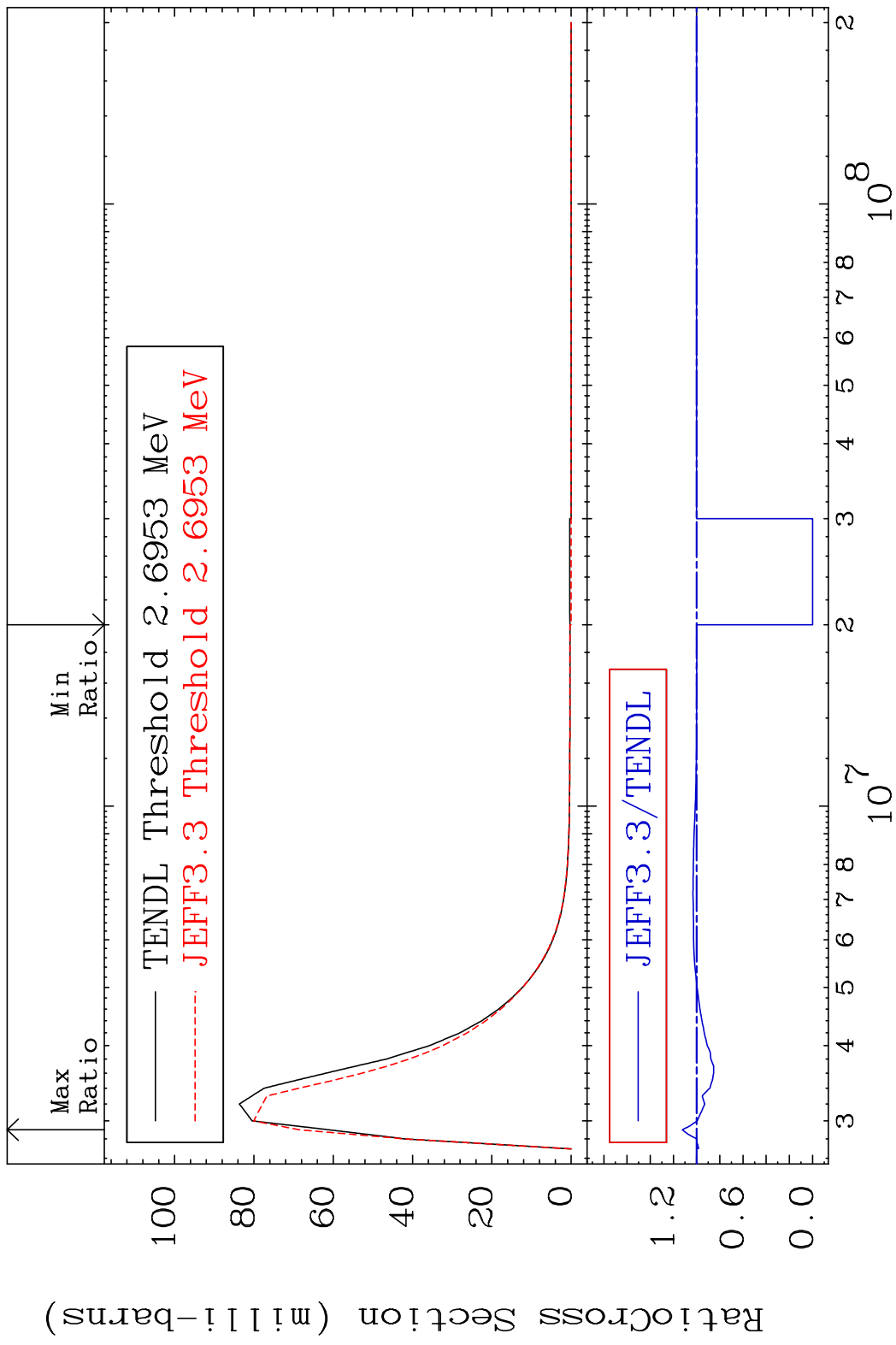
19 Incident Energy (eV) 40-Zr-92

MAT 4031 MT= 60 (n, n') Level 40-Zr-92
 Cross Section -100.0 To 7.028 %

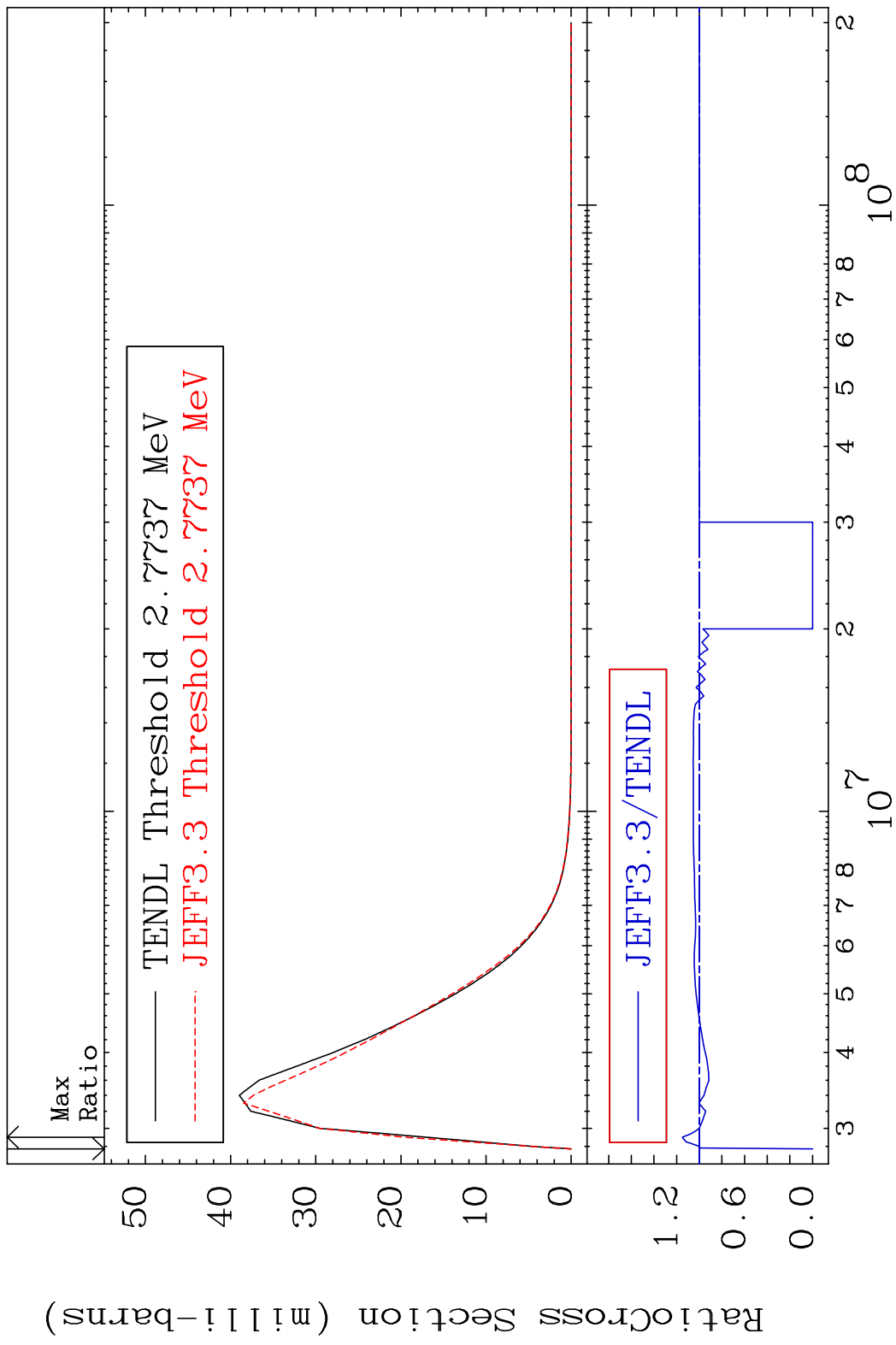


20 40-Zr-92

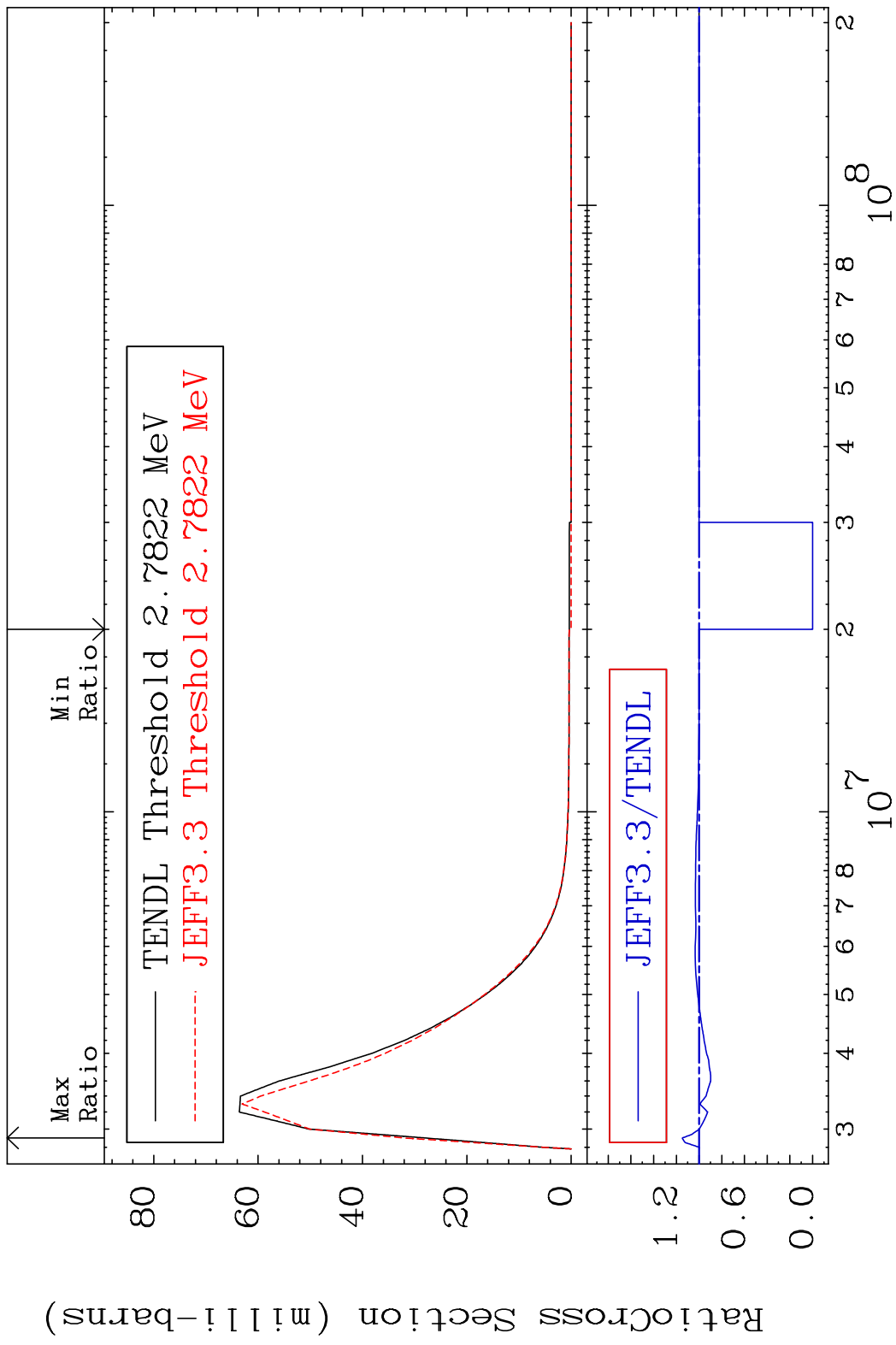
MAT 4031 MT= 61 (n,n') Level 40-Zr-92
 Cross Section -100.0 To 12.28 %



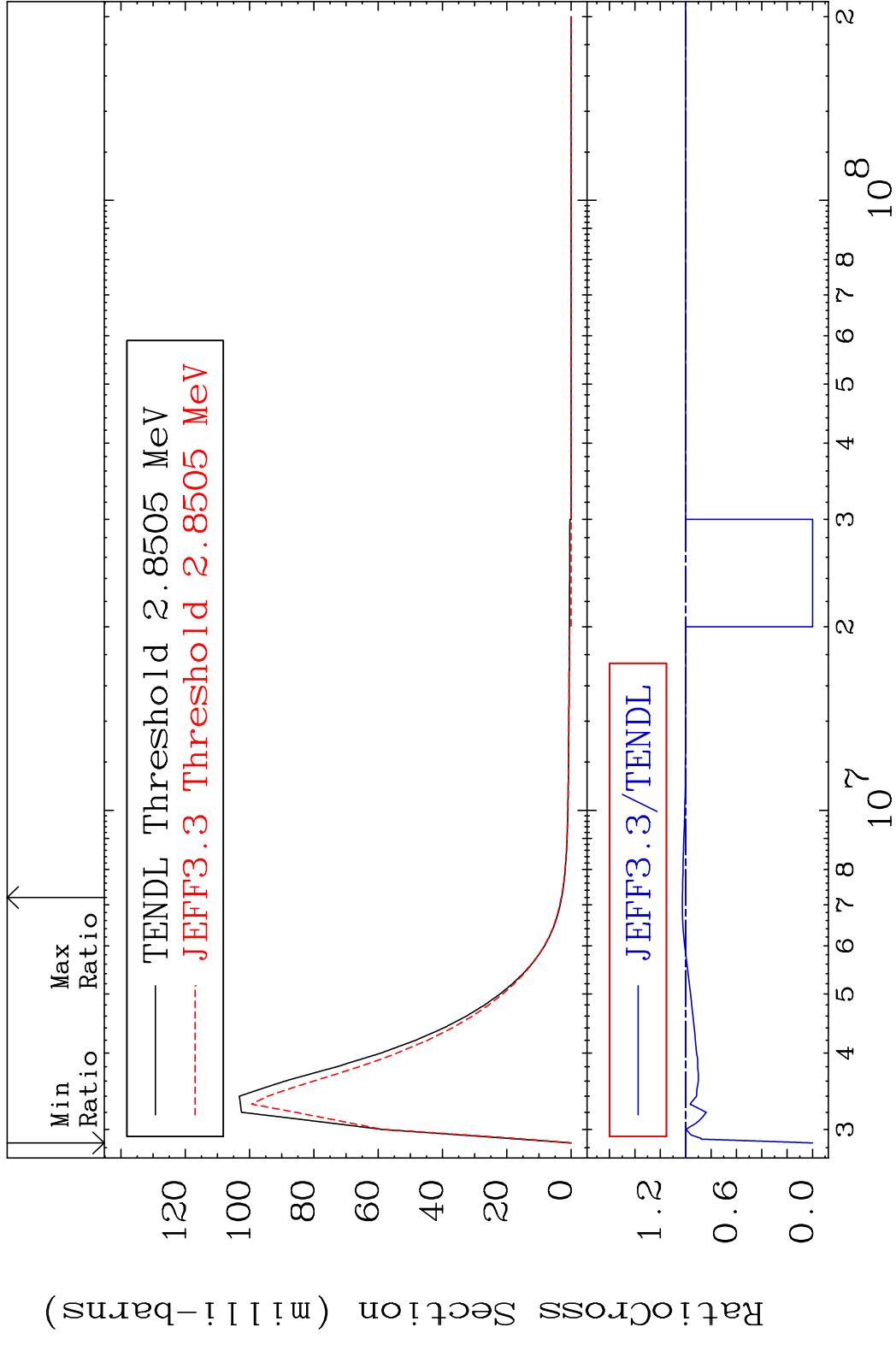
MAT 4031 MT= 62 (n, n') Level 40-Zr-92
 Cross Section -100.0 To 14.95 %



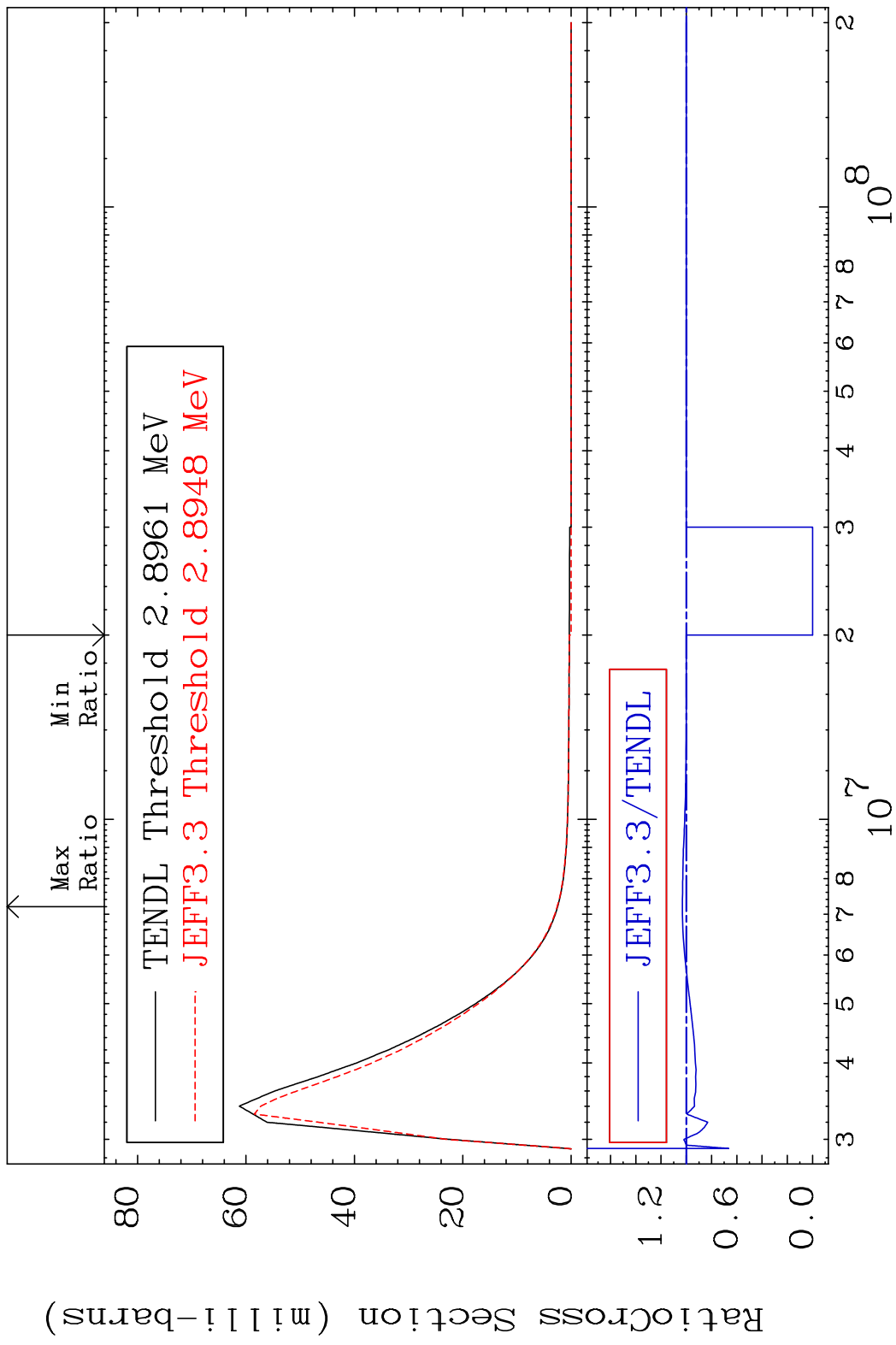
MAT 4031 MT= 63 (n, n') Level 40-Zr-92
 Cross Section -100.0 To 14.72 %



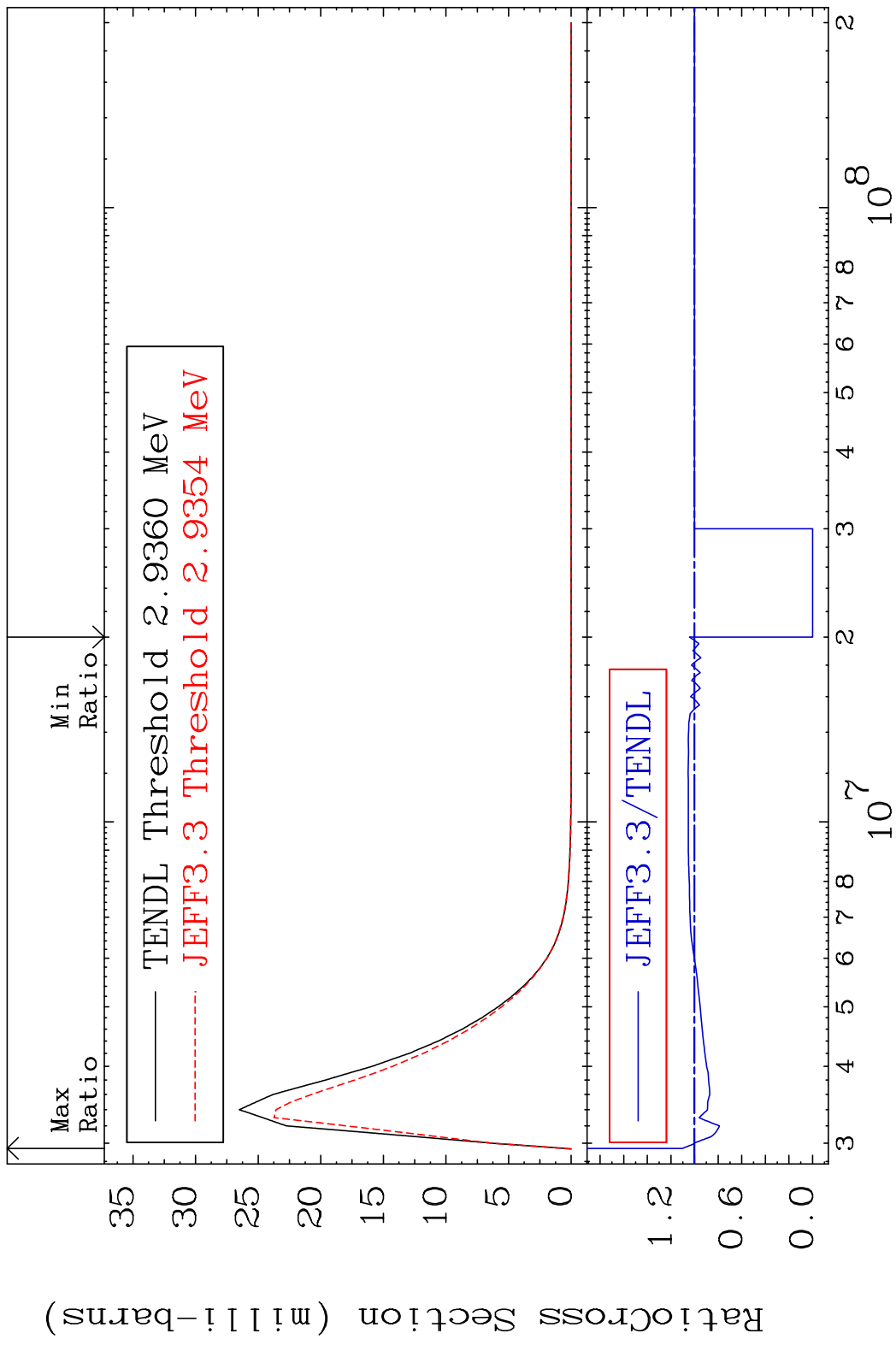
MAT 4031 MT= 64 (n, n') Level 40-Zr-92
 Cross Section -100.0 To 2.604 %



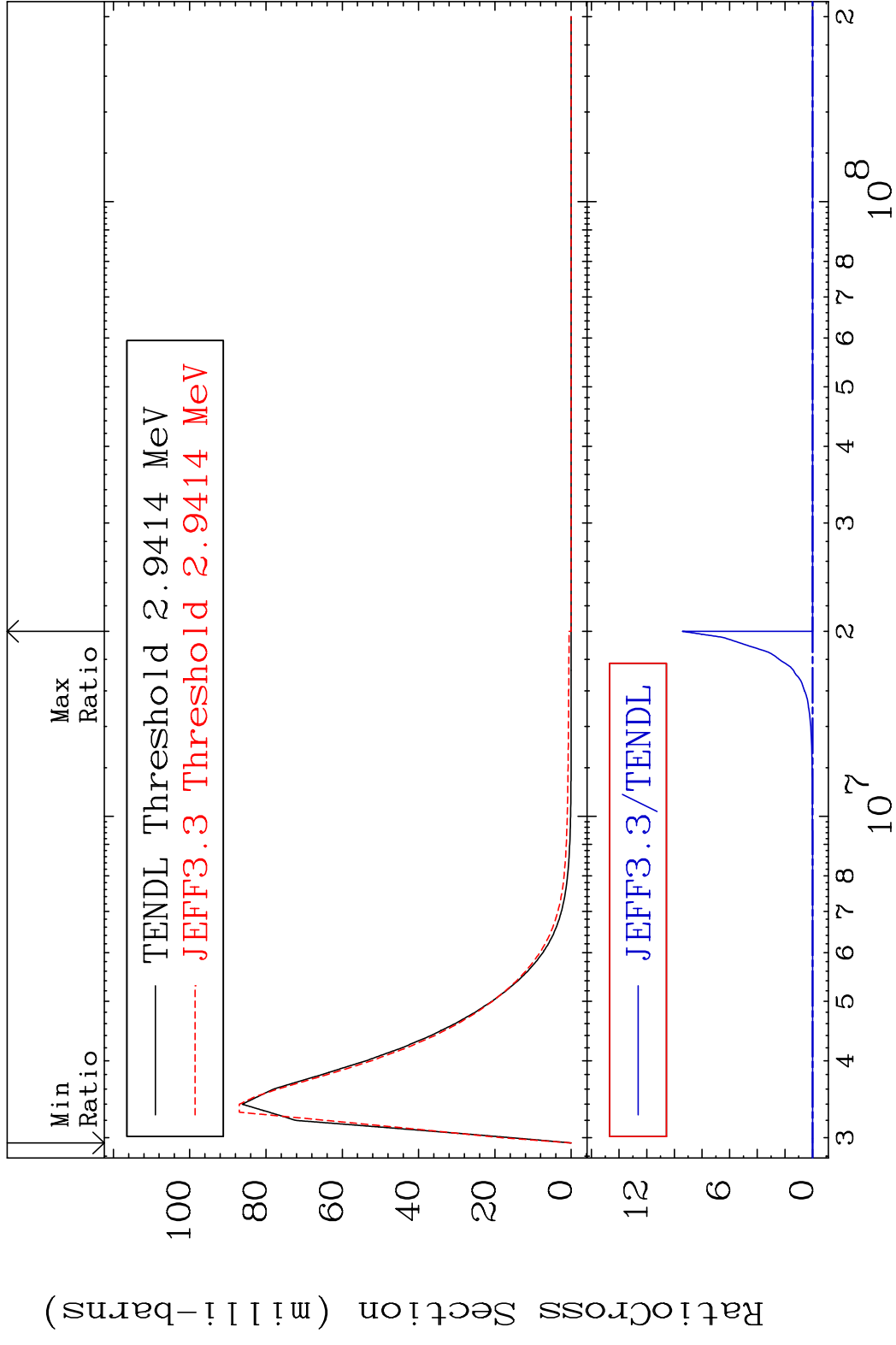
MAT 4031 MT= 65 (n, n') Level 40-Zr-92
 Cross Section -100.0 To 3.127 %



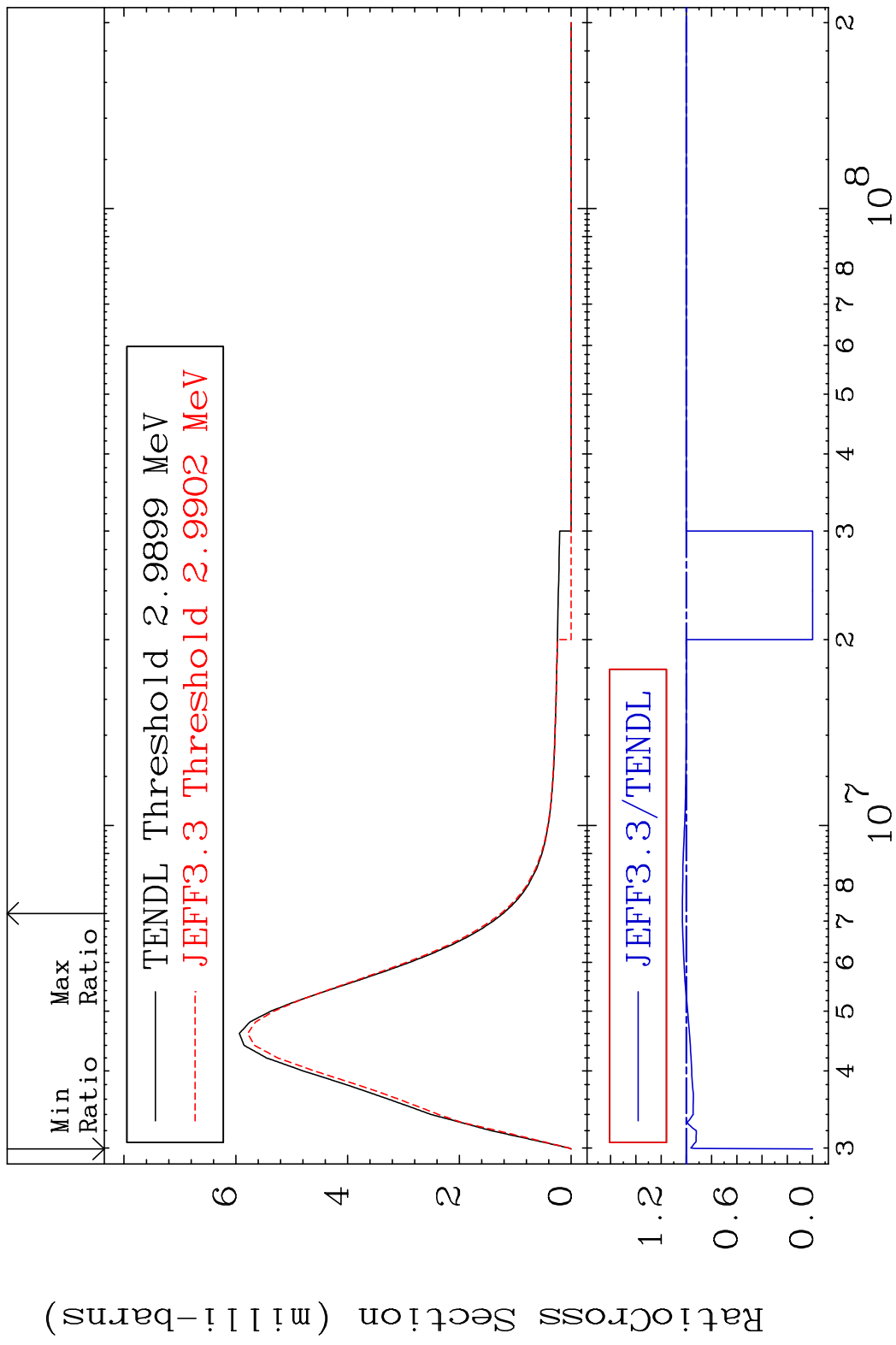
MAT 4031 MT= 66 (n,n') Level 40-Zr-92
 Cross Section -100.0 To 10.34 %



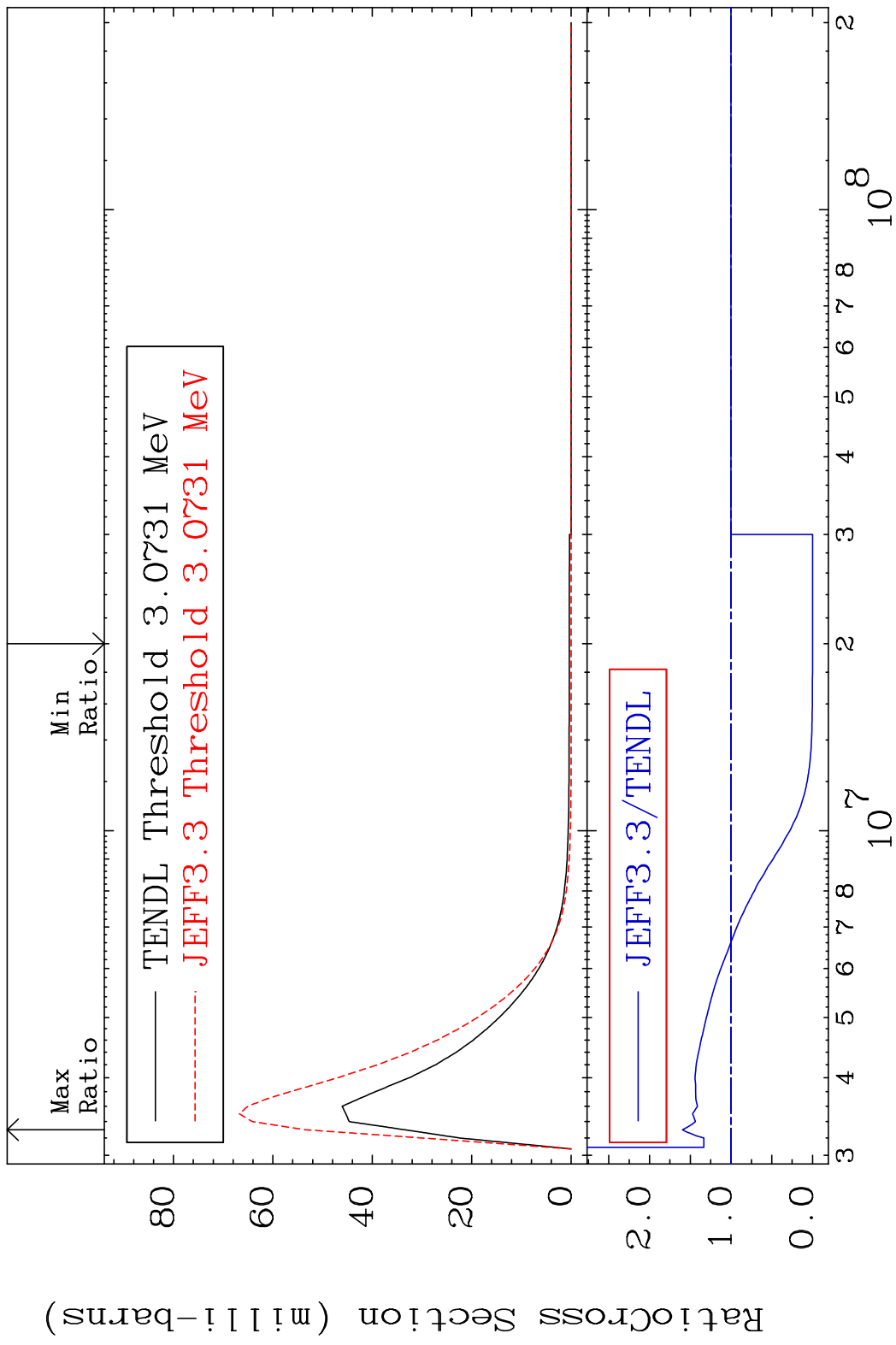
MAT 4031 MT= 67 (n, n') Level 40-Zr-92
 Cross Section -100.0 To 9999. %



MAT 4031 MT= 68 (n,n') Level 40-Zr-92
 Cross Section -100.0 To 3.166 %

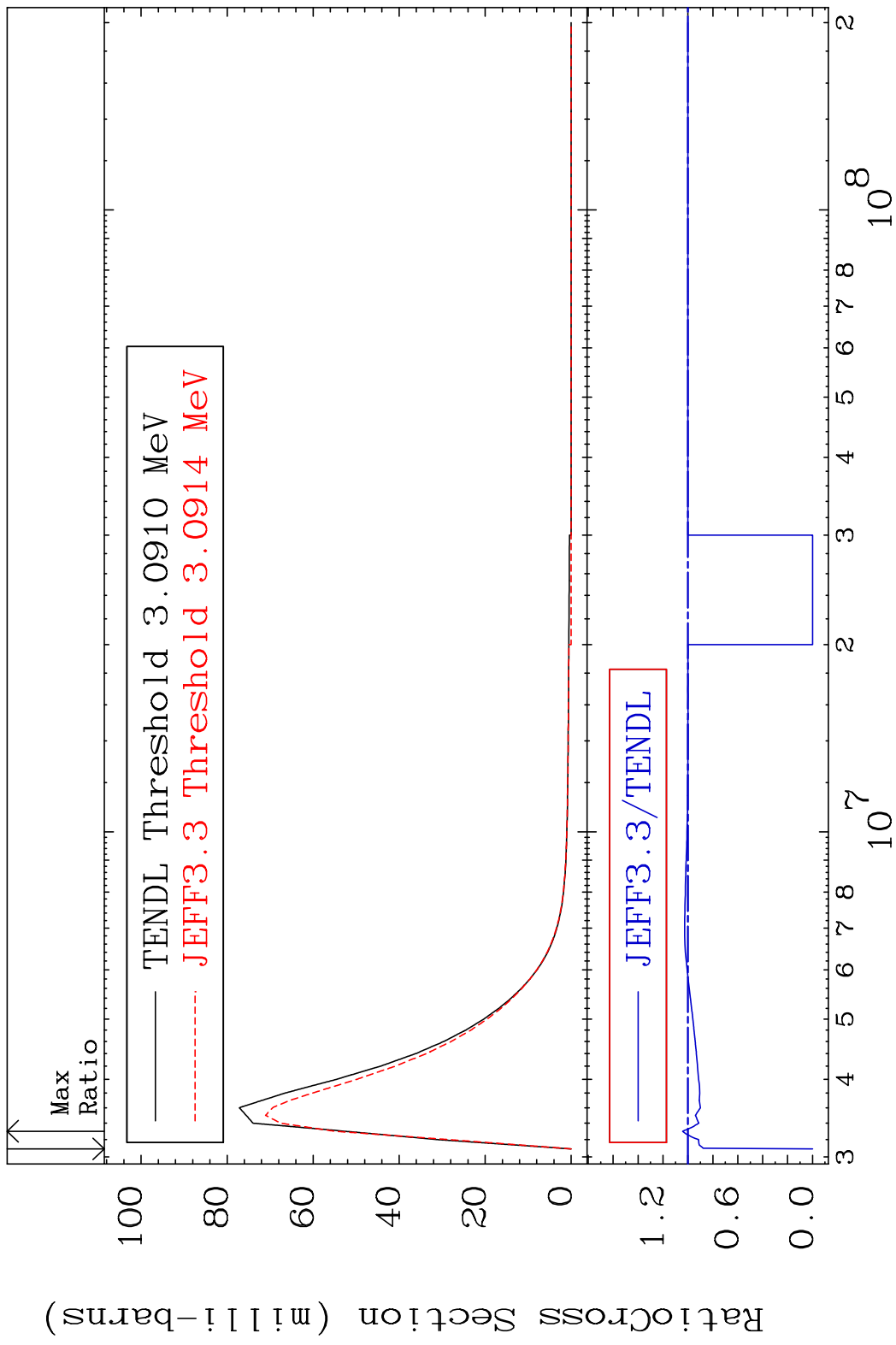


MAT 4031 MT= 69 (n,n') Level 40-Zr-92
 Cross Section -100.0 To 59.78 %



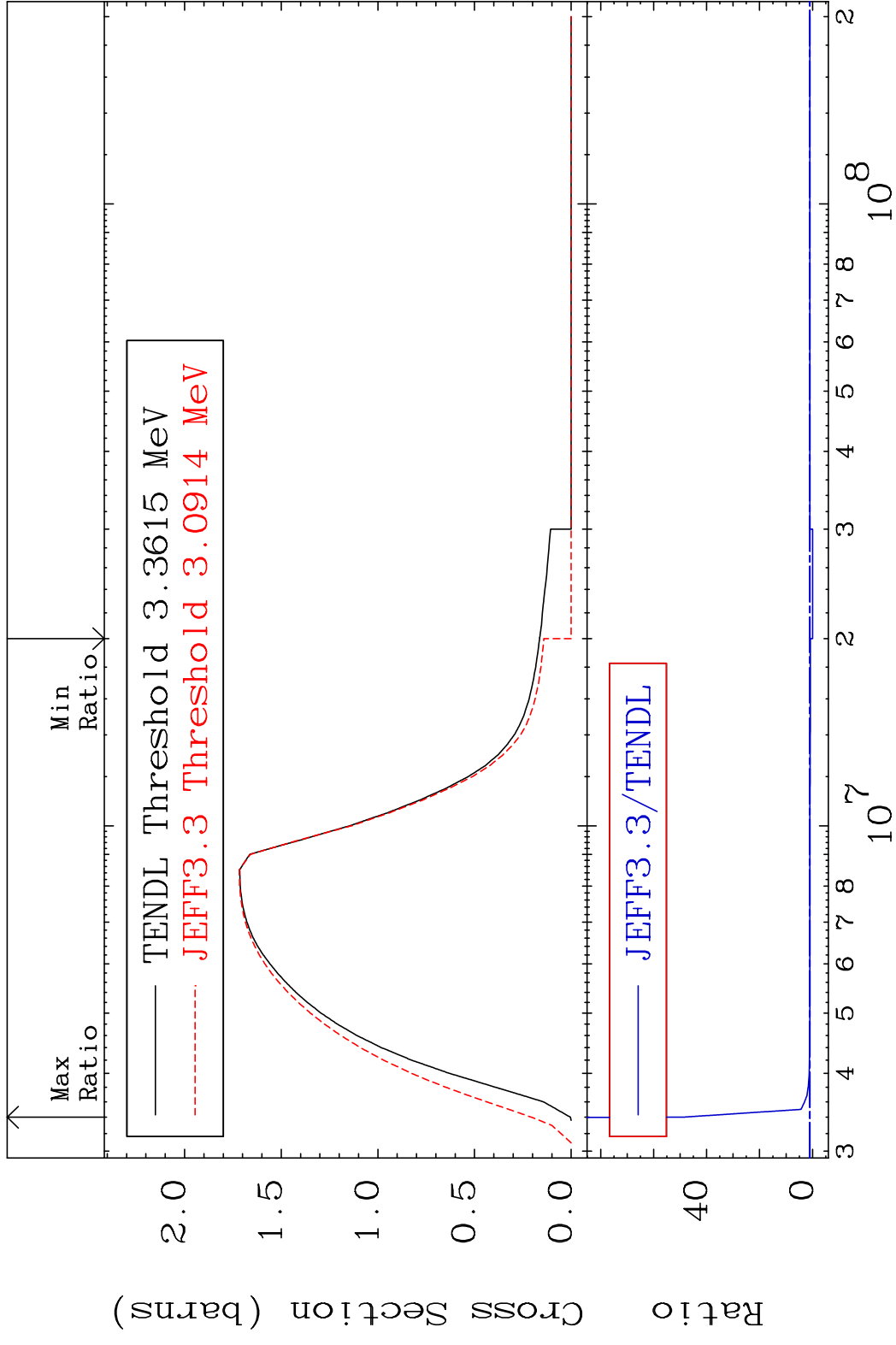
29 Incident Energy (eV) 40-Zr-92

MAT 4031 MT= 70 (n,n') Level 40-Zr-92
 Cross Section -100.0 To 4.482 %



30 30 40-Zr-92

MAT 4031 (n,n') Continuum 40-Zr-92
 Cross Section -100.0 To 4815. %

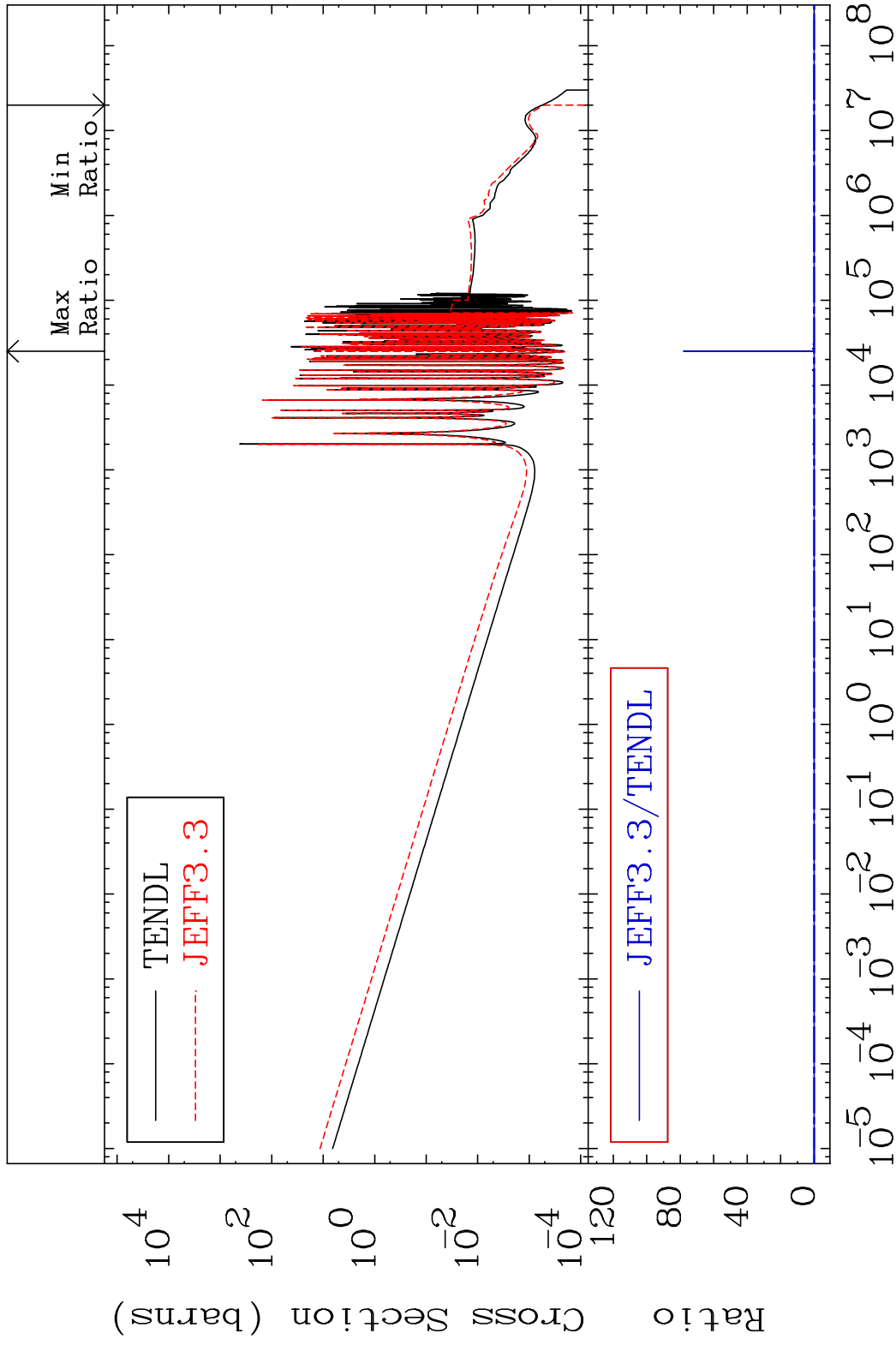


MAT 4031

(n, γ)

40-Zr-92

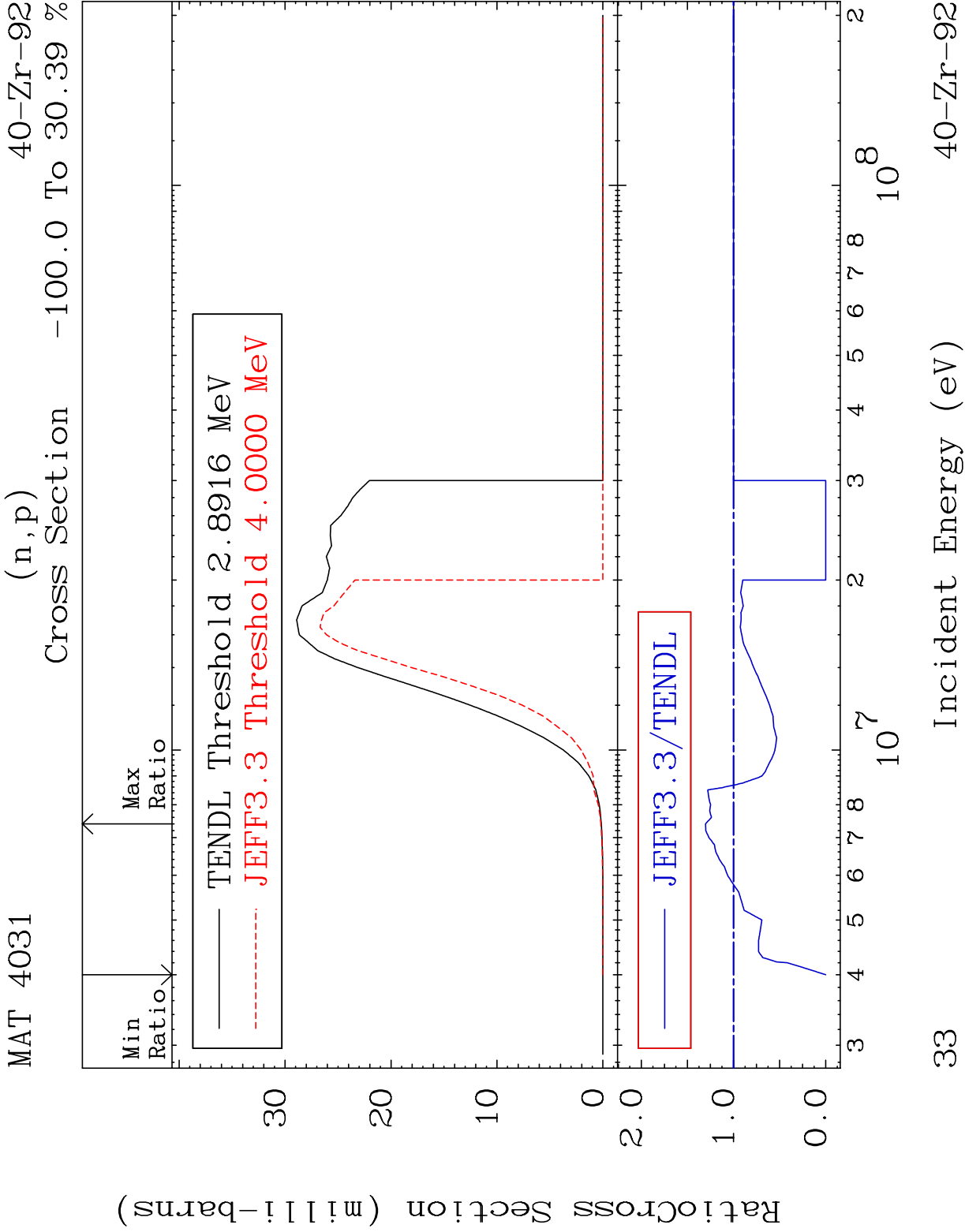
Cross Section -100.0 To 9999. %



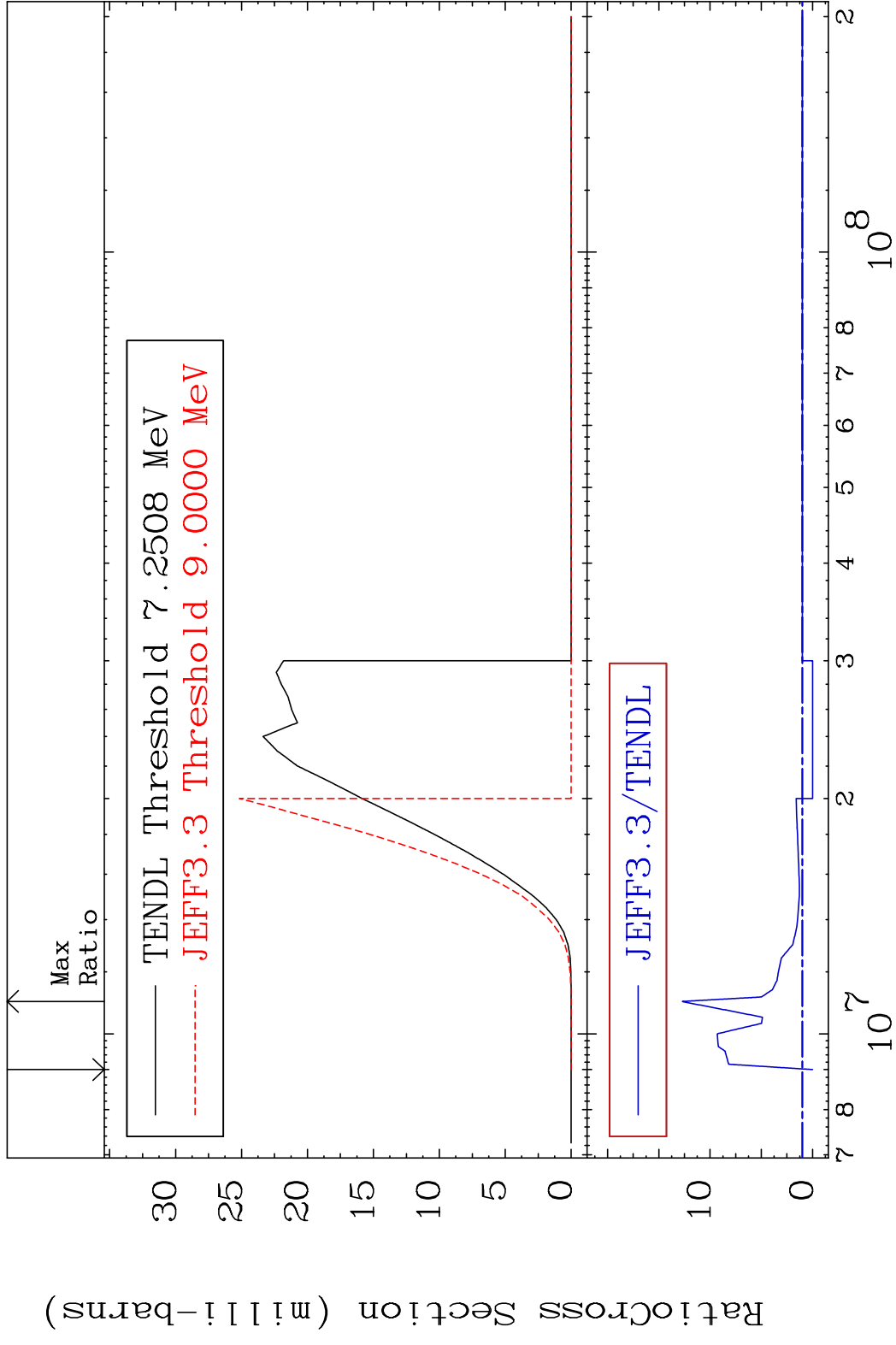
32

Incident Energy (eV)

40-Zr-92



MAT 4031 (n,d) 40-Zr-92
 Cross Section -100.0 To 1171. %



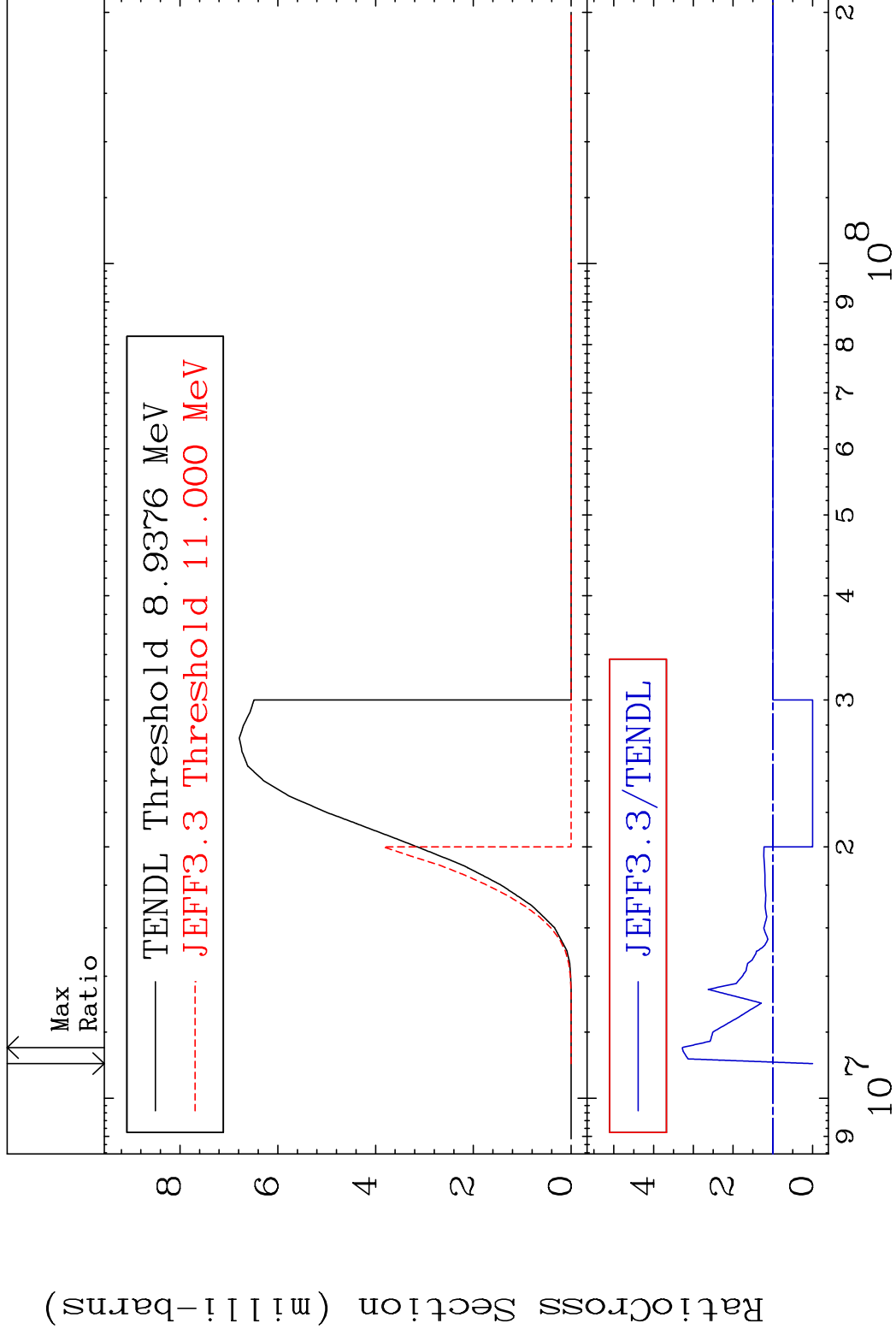
34 Incident Energy (eV) 40-Zr-92

MAT 4031

(n, t)

40-Zr-92

Cross Section -100.0 To 227.6 %



35

Incident Energy (eV)

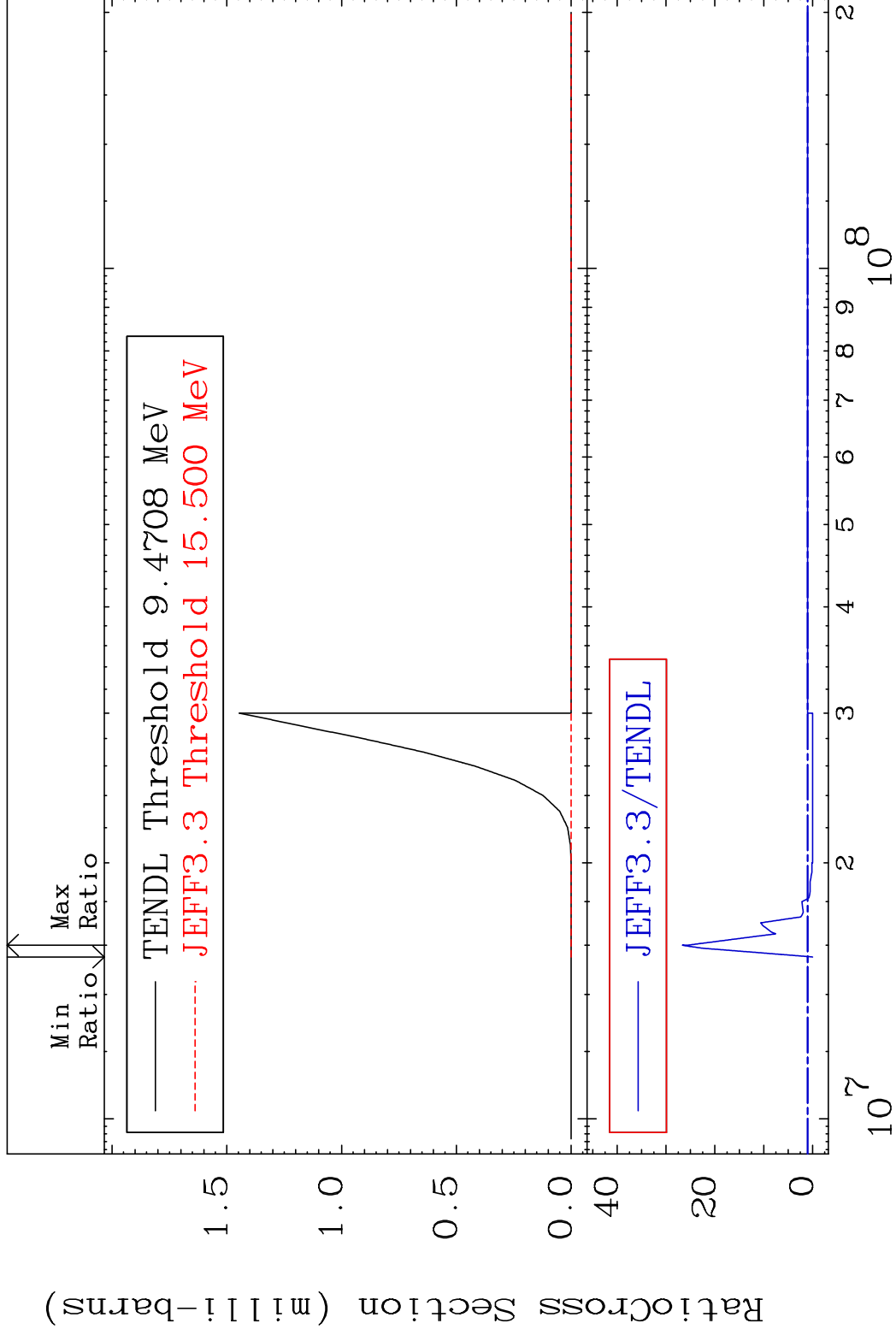
40-Zr-92

MAT 4031

(n, He-3)

40-Zr-92

Cross Section -100.0 To 2566. %



36

Incident Energy (eV)

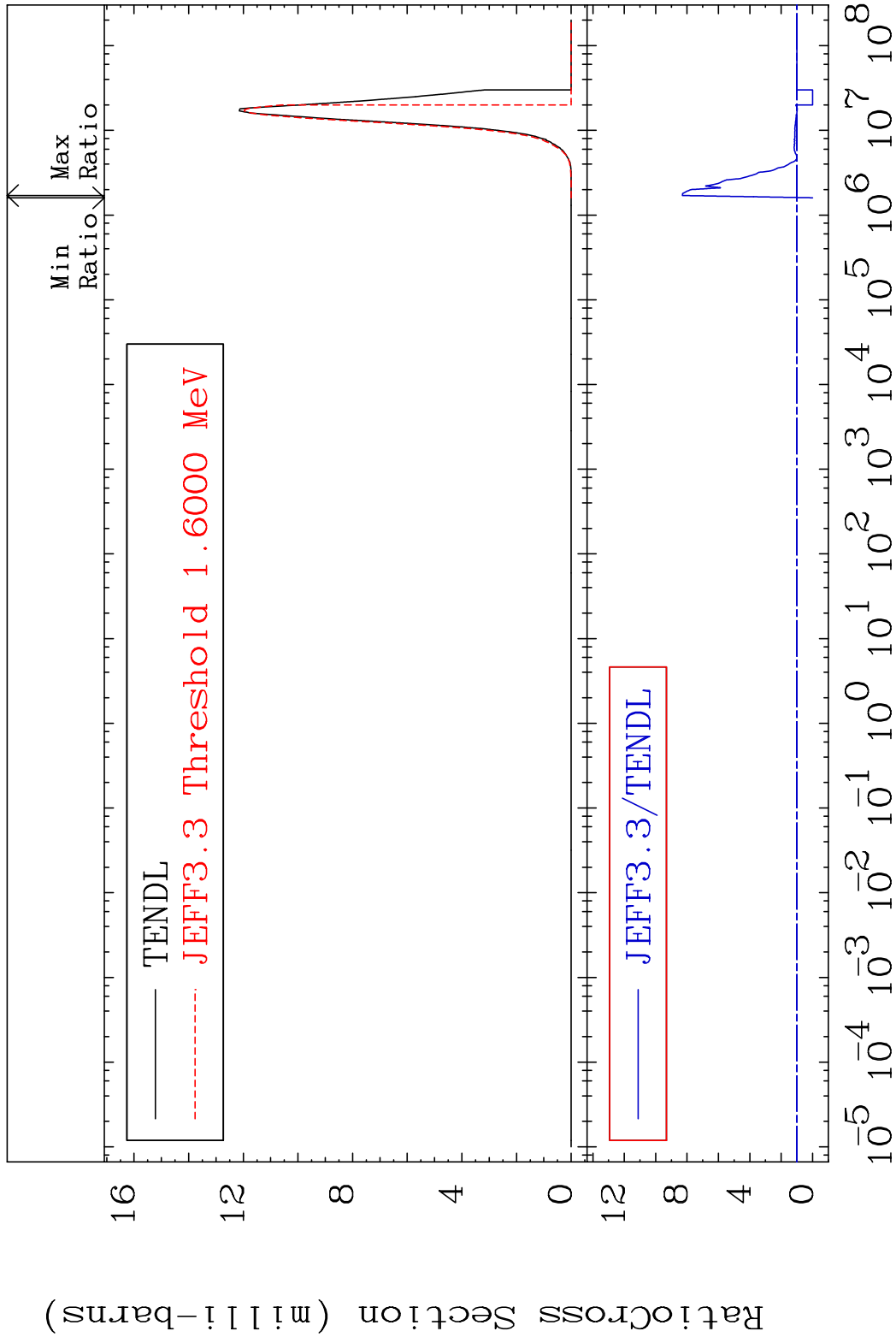
40-Zr-92

MAT 4031

(n, α)

40-Zr-92

Cross Section -100.0 To 729.8 %



37

Incident Energy (eV)

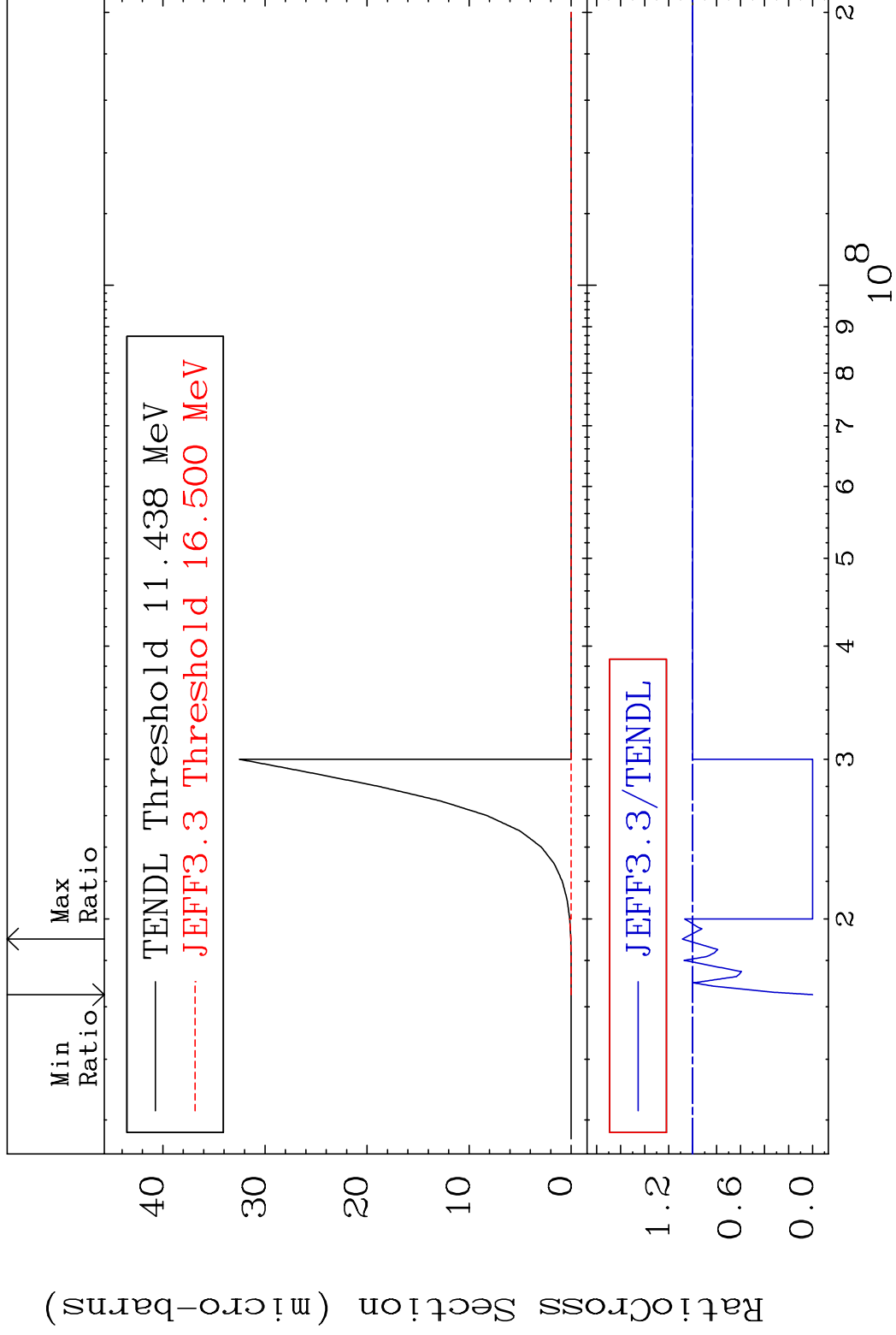
40-Zr-92

MAT 4031

(n,2p)

40-Zr-92

Cross Section -100.0 To 8.578 %

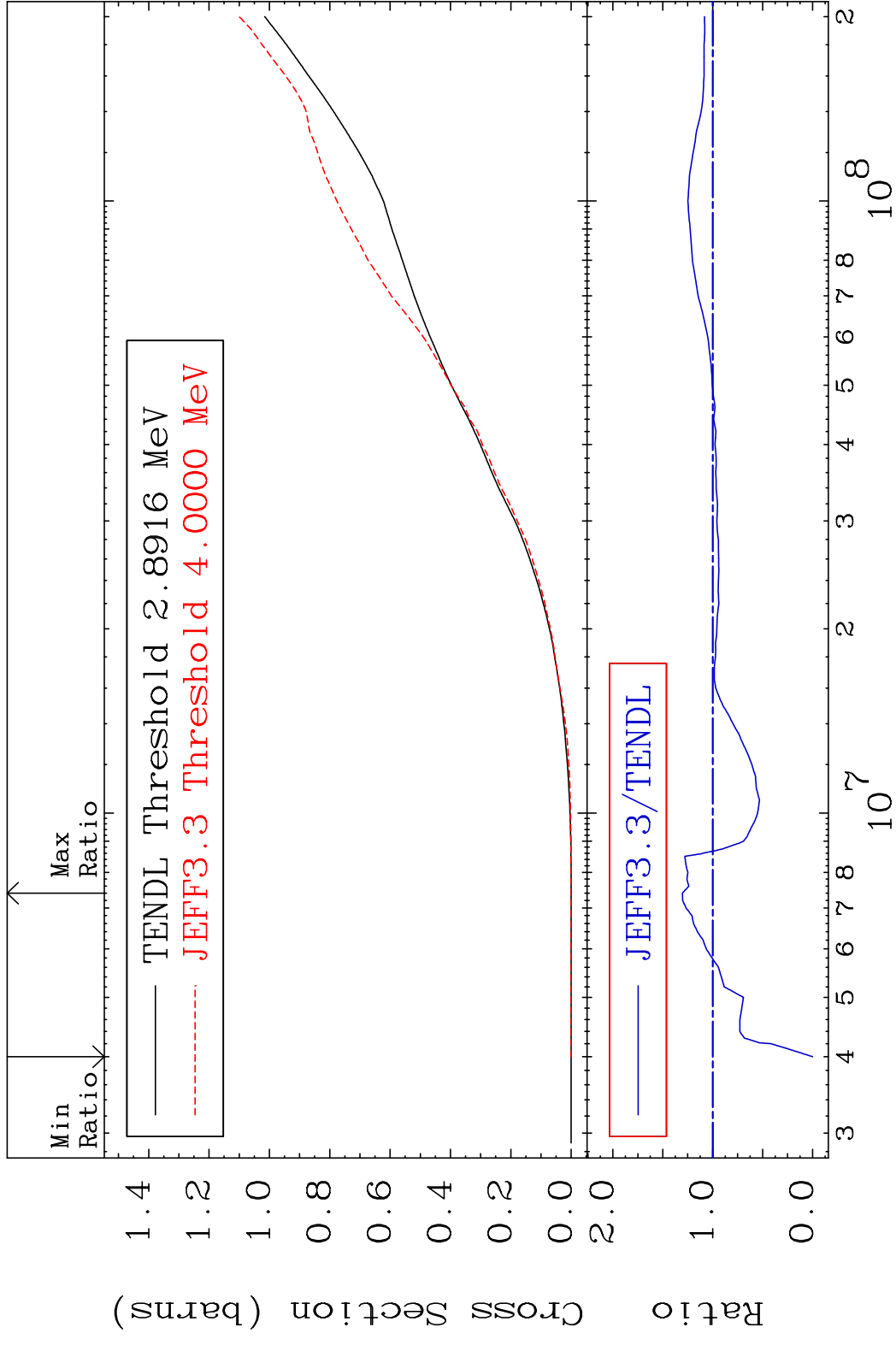


38

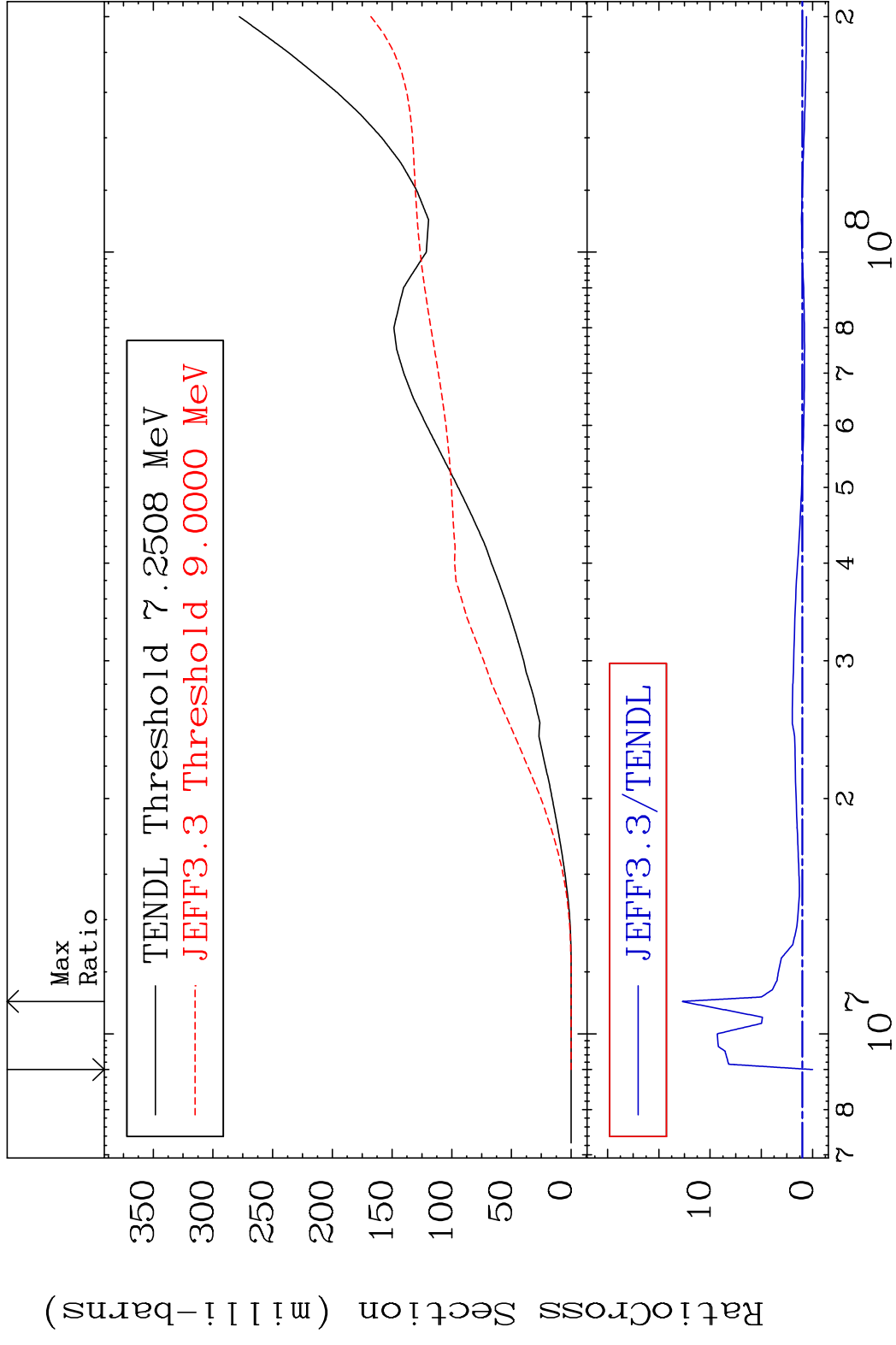
Incident Energy (eV)

40-Zr-92

MAT 4031 Hydrogen Production 40-Zr-92
 Cross Section -100.0 To 30.39 %

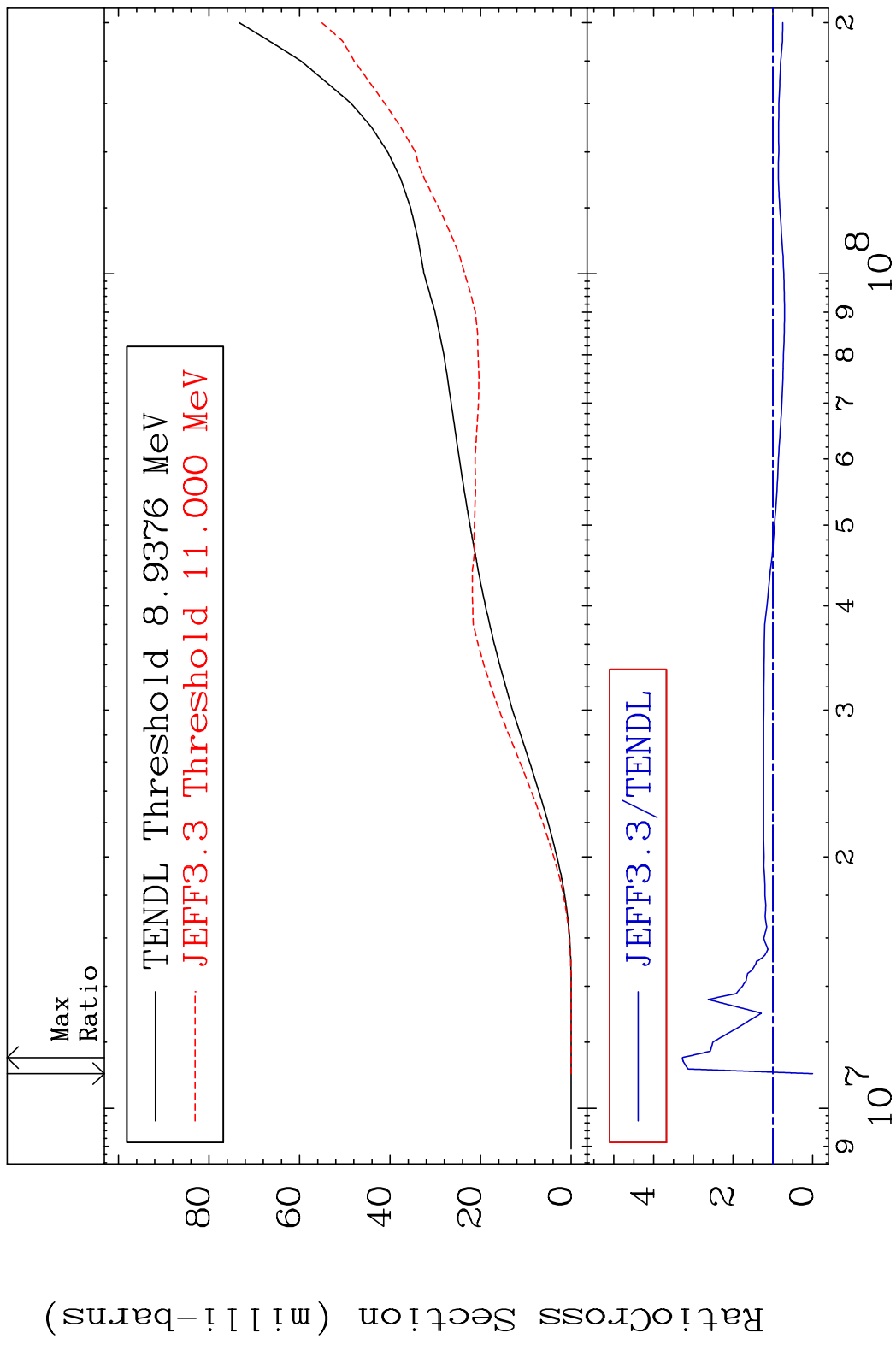


MAT 4031 Deuterium Production 40-Zr-92
 Cross Section -100.0 To 1171. %



40 7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2

MAT 4031 Tritium Production 40-Zr-92
 Cross Section -100.0 To 227.6 %



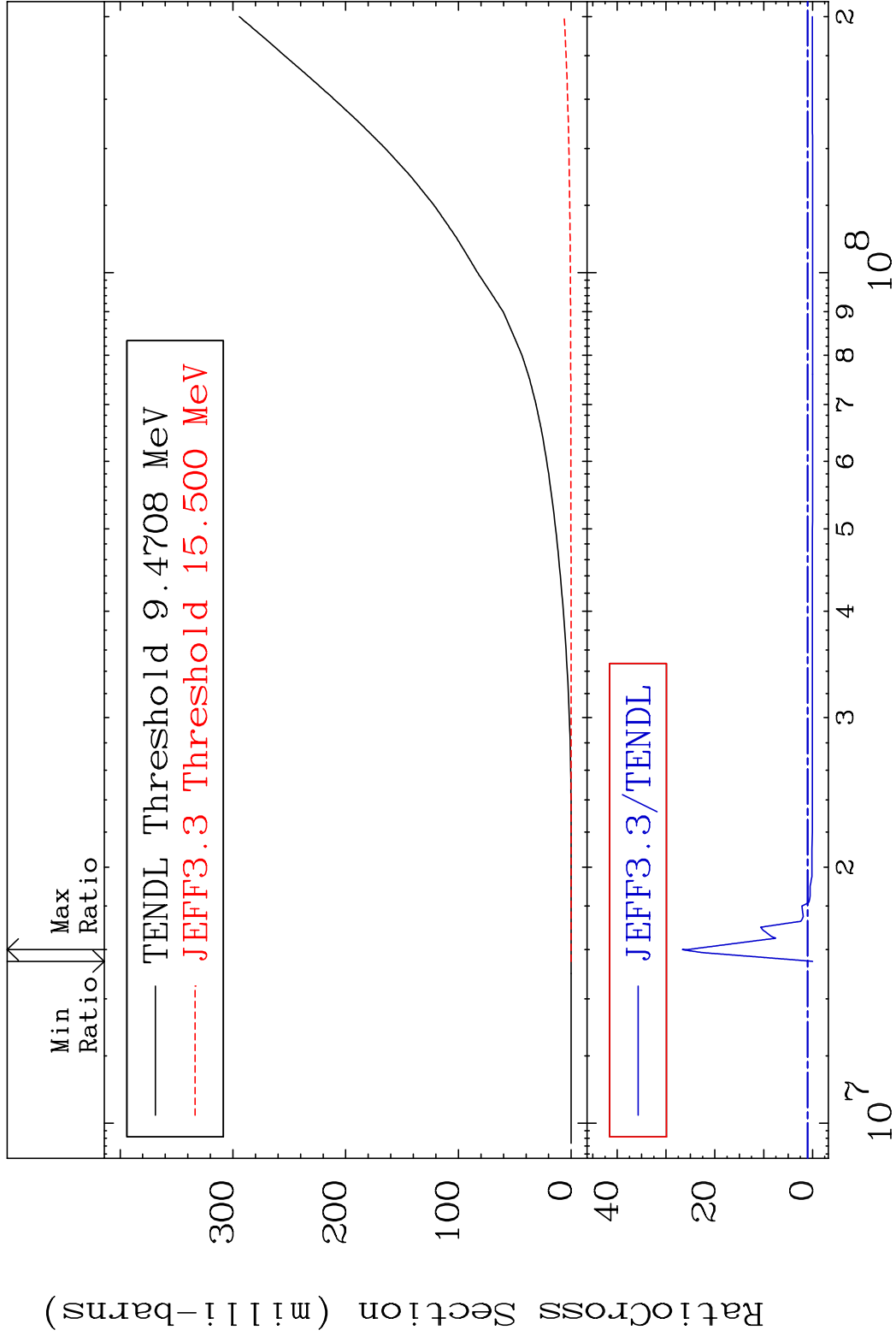
41 40-Zr-92

MAT 4031

He-3 Production

40-Zr-92

Cross Section -100.0 To 2566. %

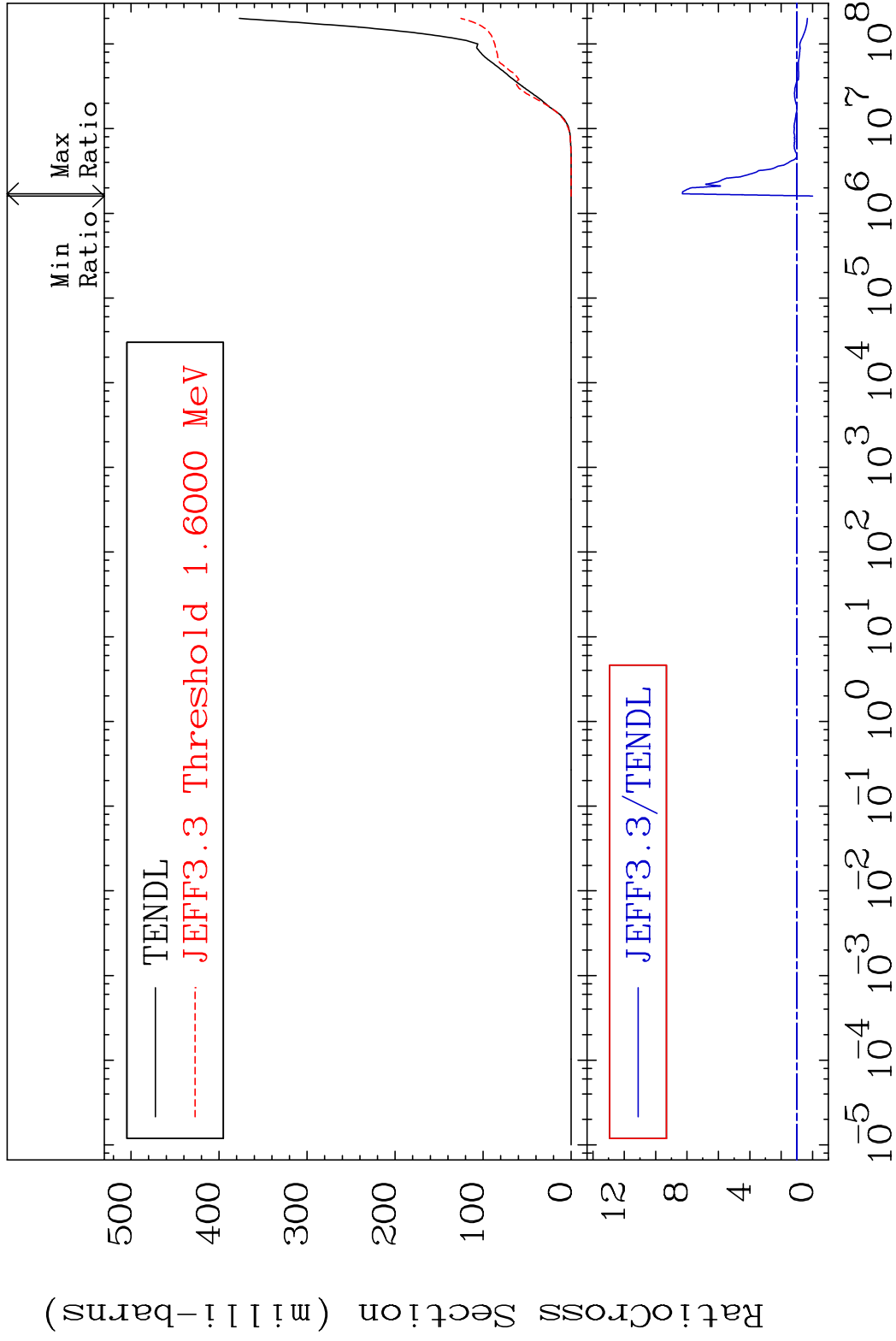


MAT 4031

He-4 Production

40-Zr-92

Cross Section -100.0 To 729.8 %

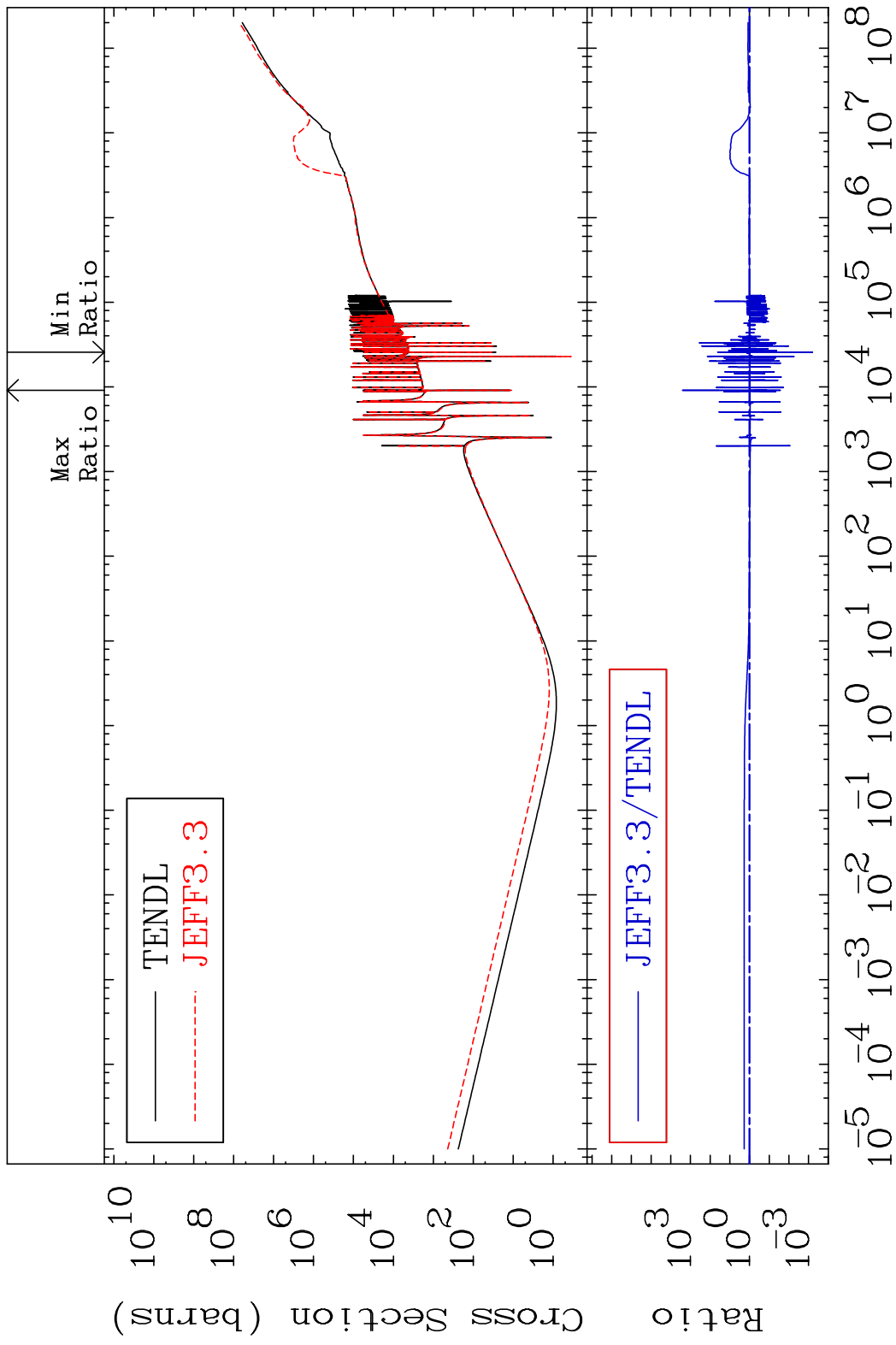


43

Incident Energy (eV)

40-Zr-92

MAT 4031 Kerma total (eV-barns) 40-Zr-92
 Cross Section -99.94 To 9999. %

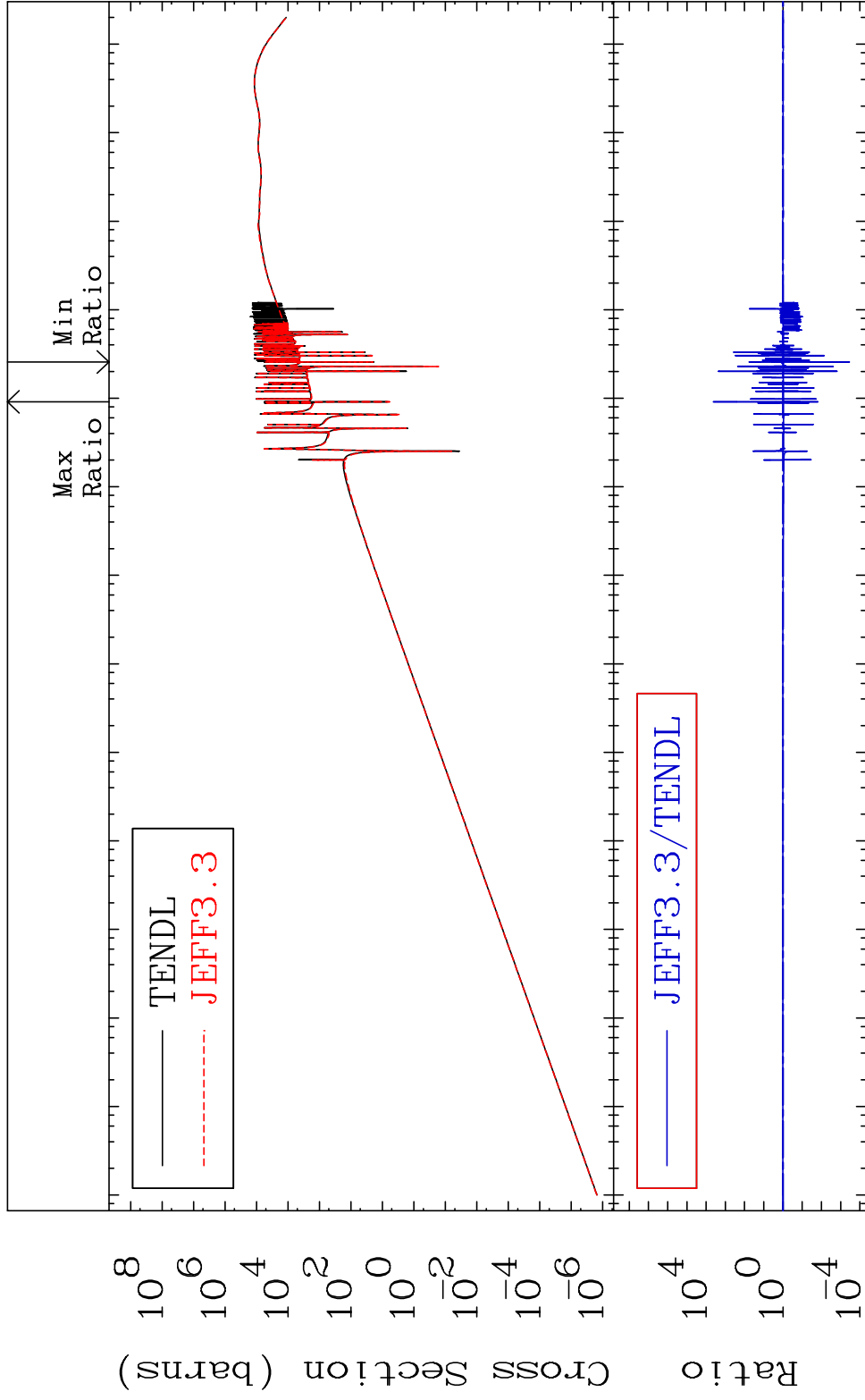


44 Incident Energy (eV) 40-Zr-92

MAT 4031

Kerma elastic
Cross Section

40-Zr-92
-99.96 To 9999. %

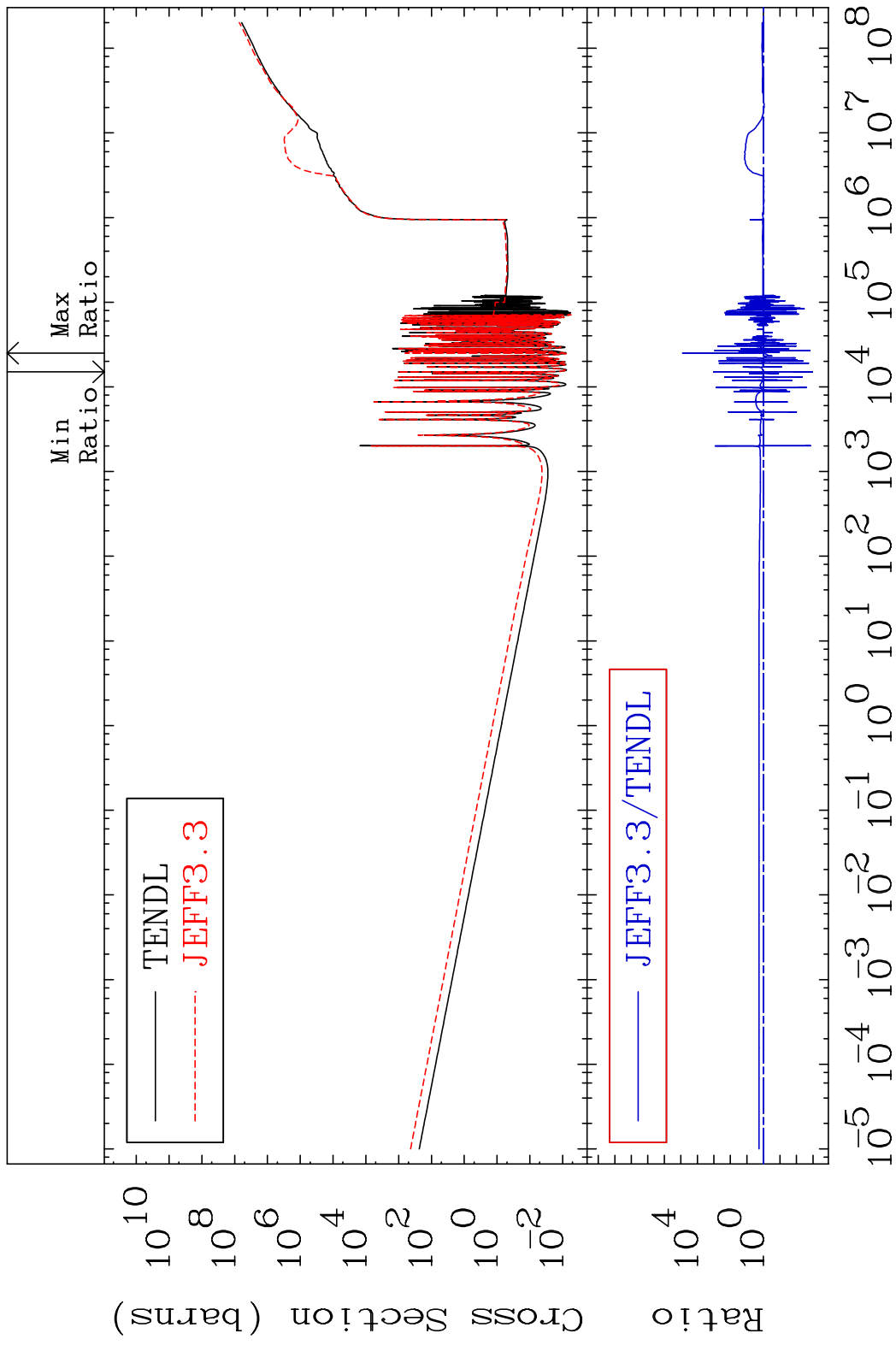


45

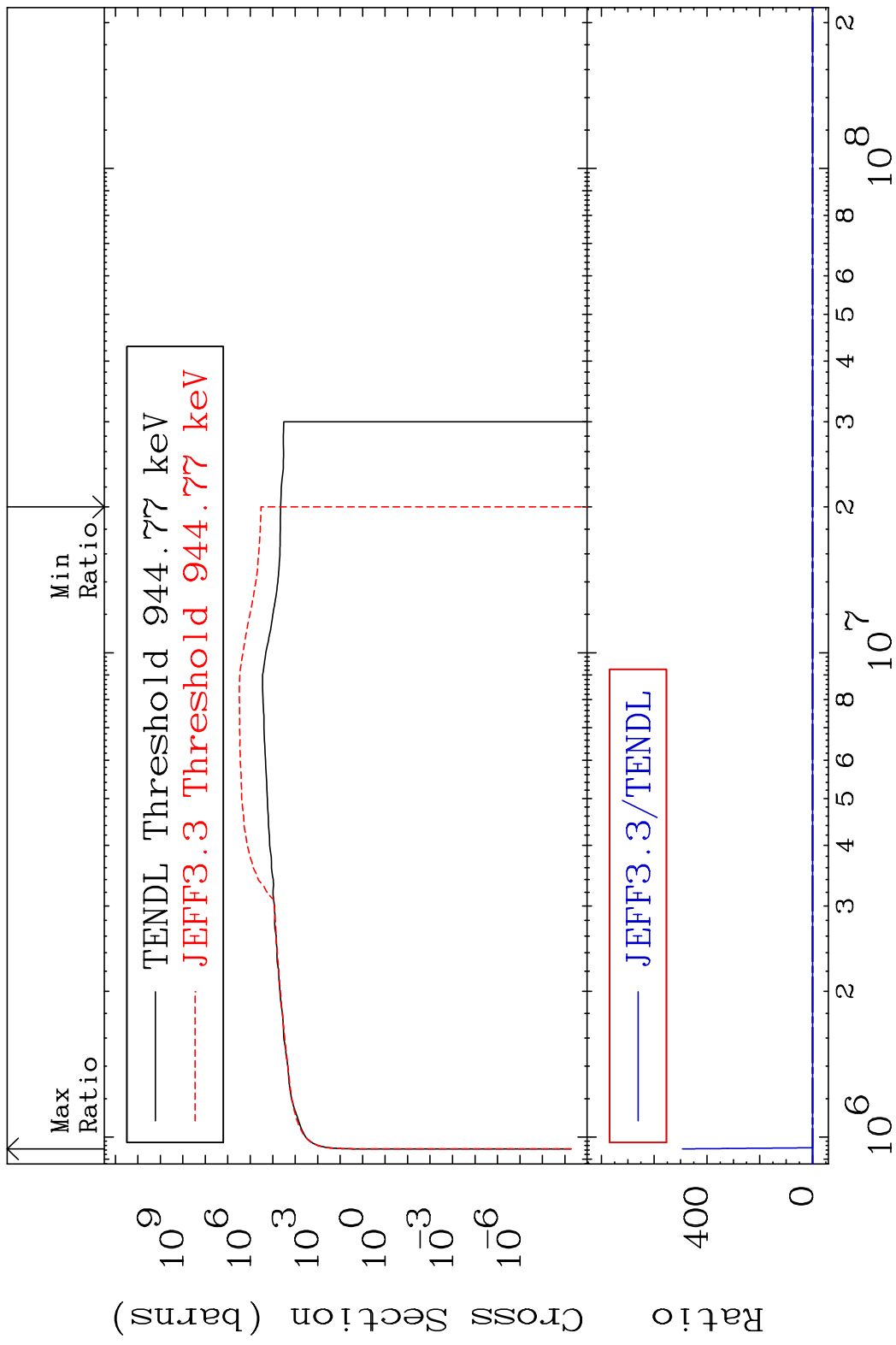
Incident Energy (eV)

40-Zr-92

MAT 4031 Kerma non-elastic (all but mt2) 40-Zr-92
 Cross Section -99.89 To 9999. %

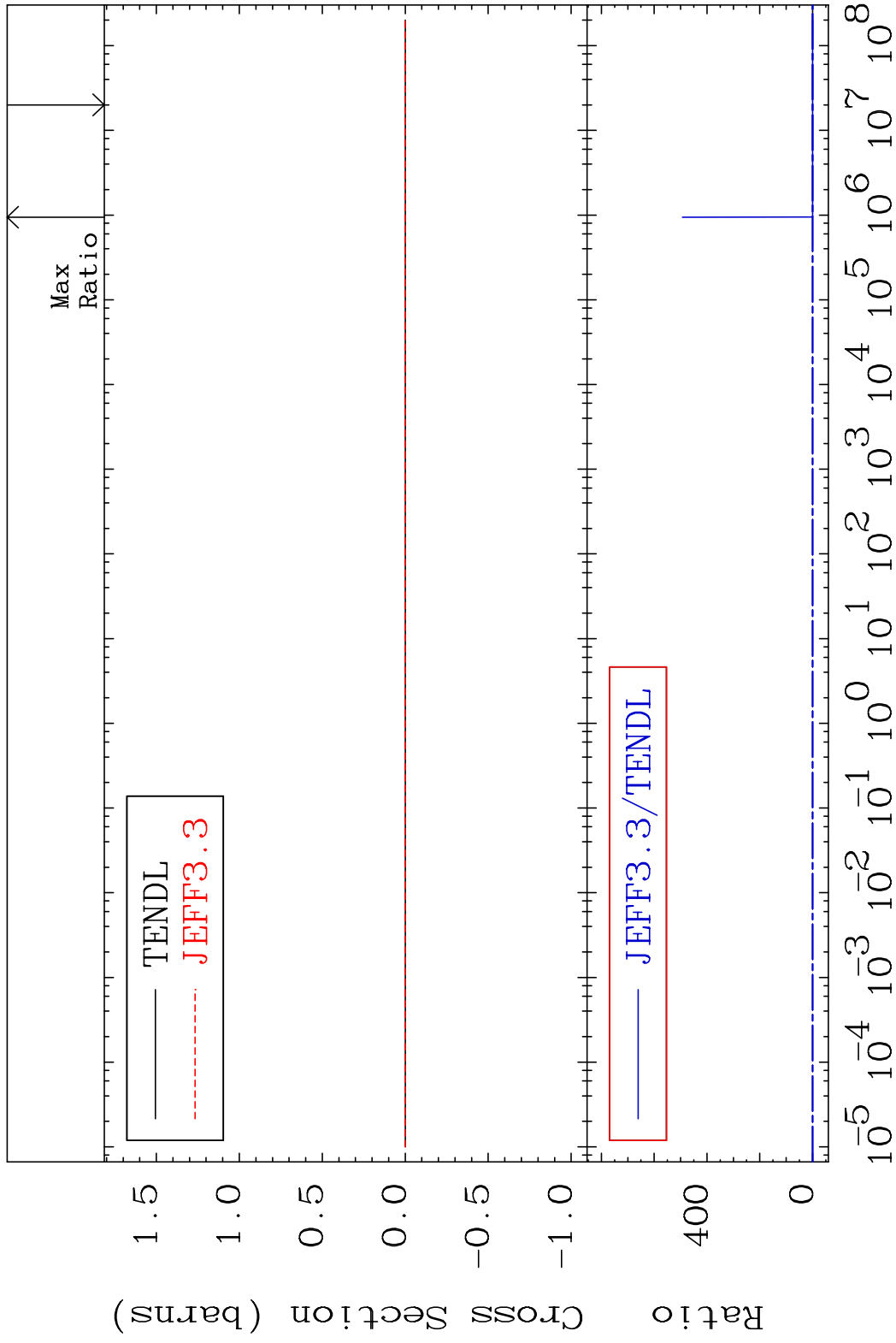


MAT 4031 Kerma inelastic (mt51-91) 40-Zr-92
 Cross Section -100.0 To 9999. %



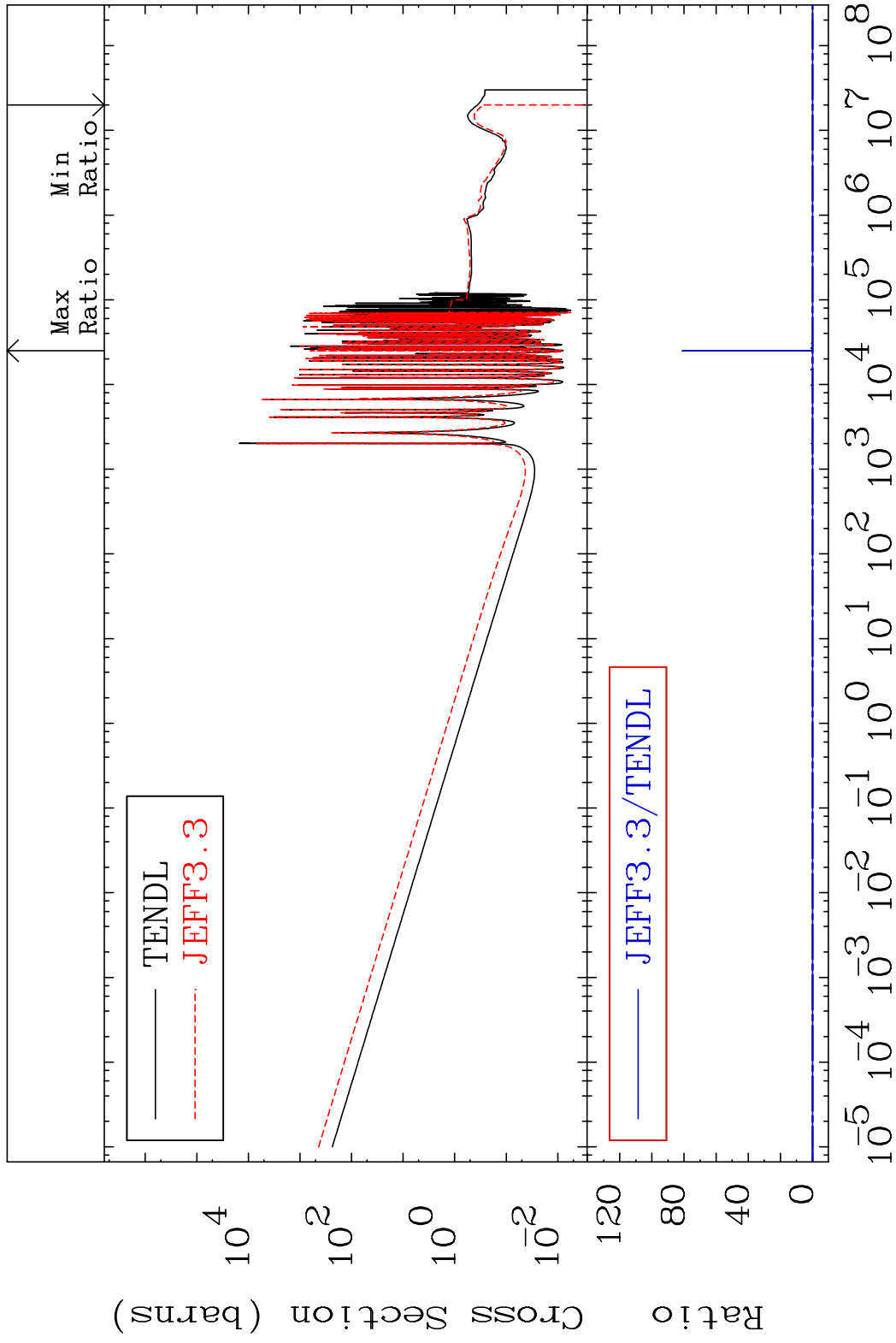
47 40-Zr-92

MAT 4031 Kerma fission (mt18 or mt19-20-21-38) 40-Zr-92
 Cross Section -100.0 To 9999. %



MAT 4031

Kerma capture (mt102) 40-Zr-92
Cross Section -100.0 To 9999. %

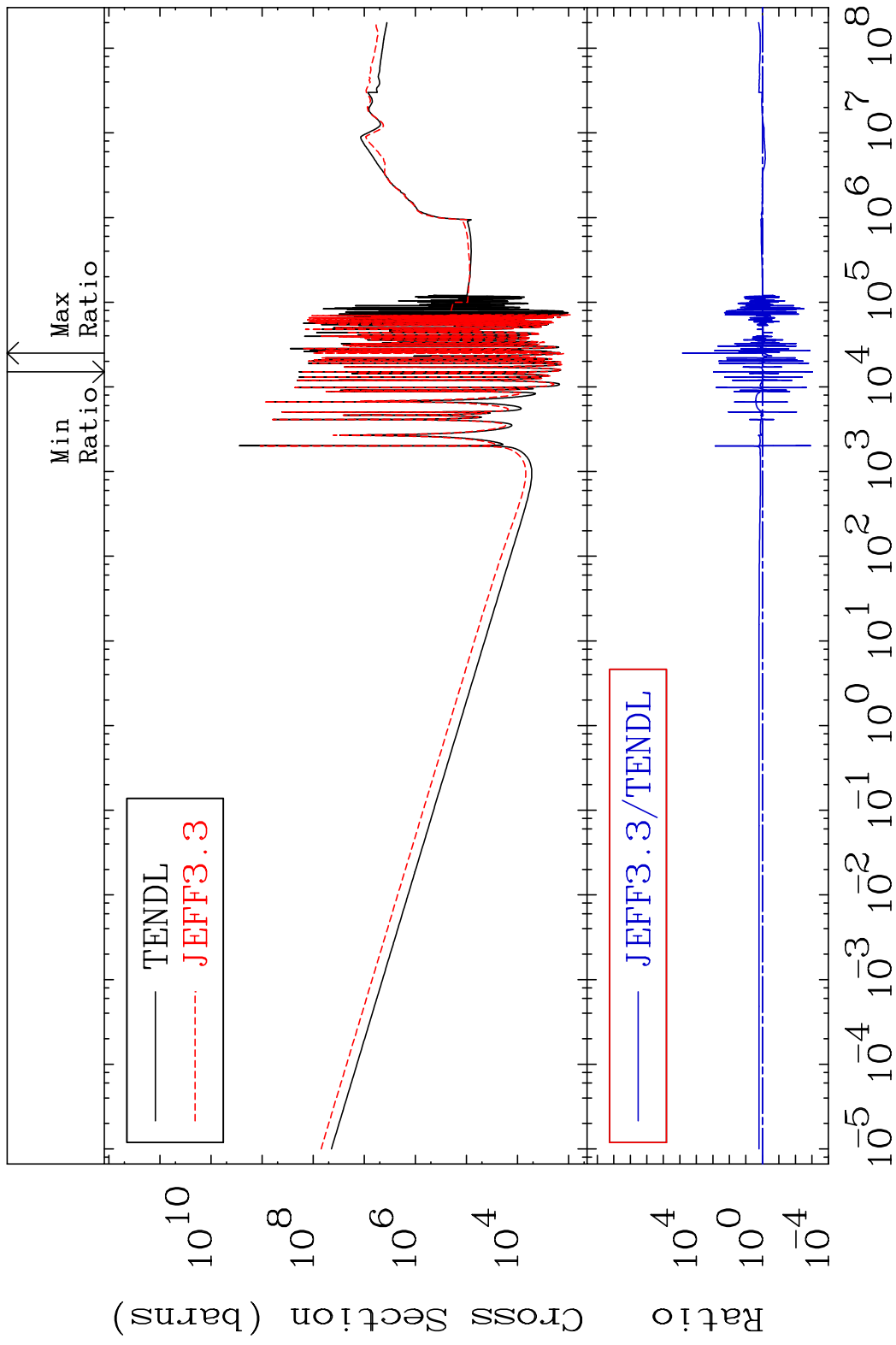


49

Incident Energy (eV)

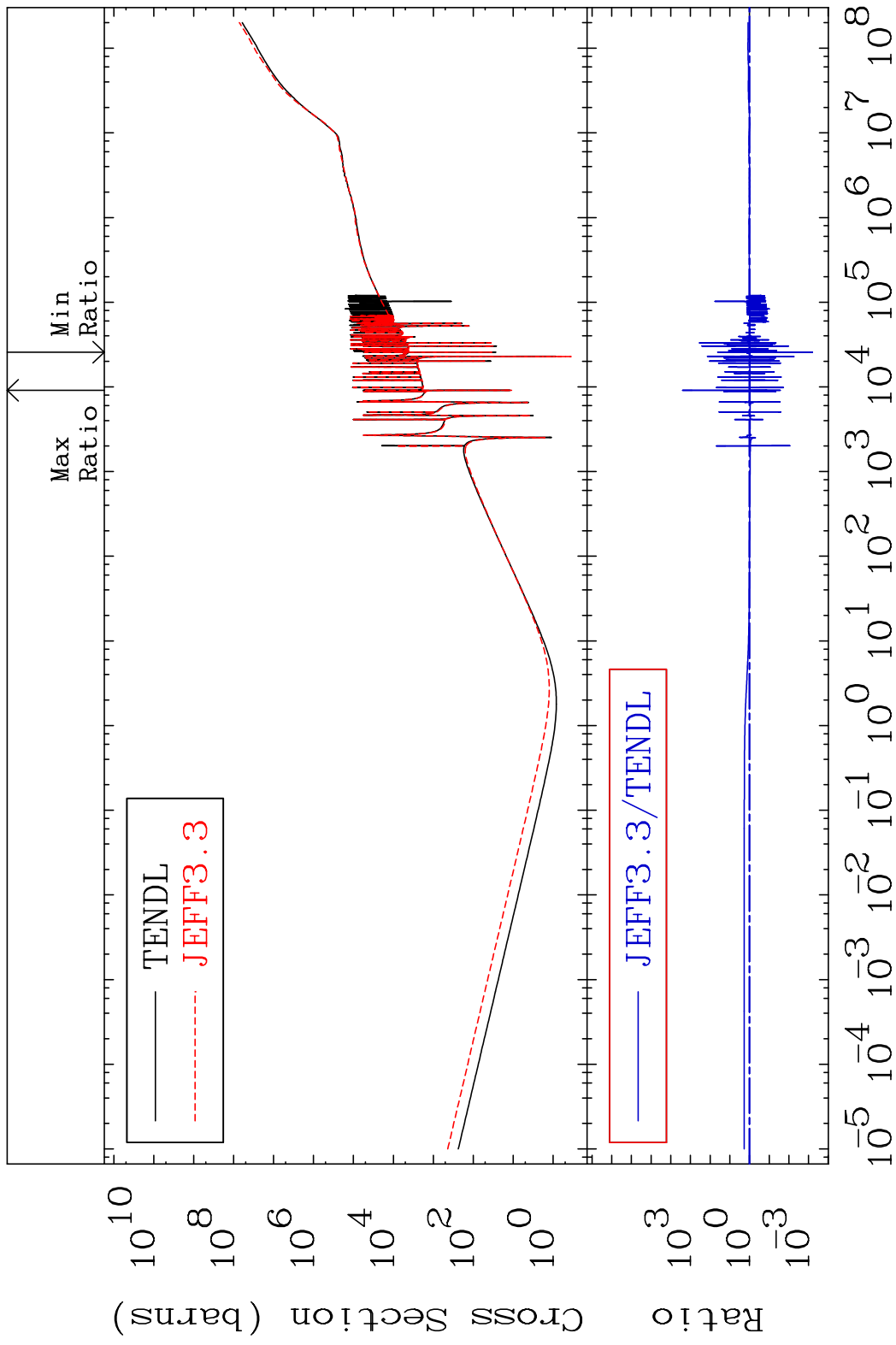
40-Zr-92

MAT 4031 Total photon (eV-barns) 40-Zr-92
 Cross Section -99.91 To 9999. %

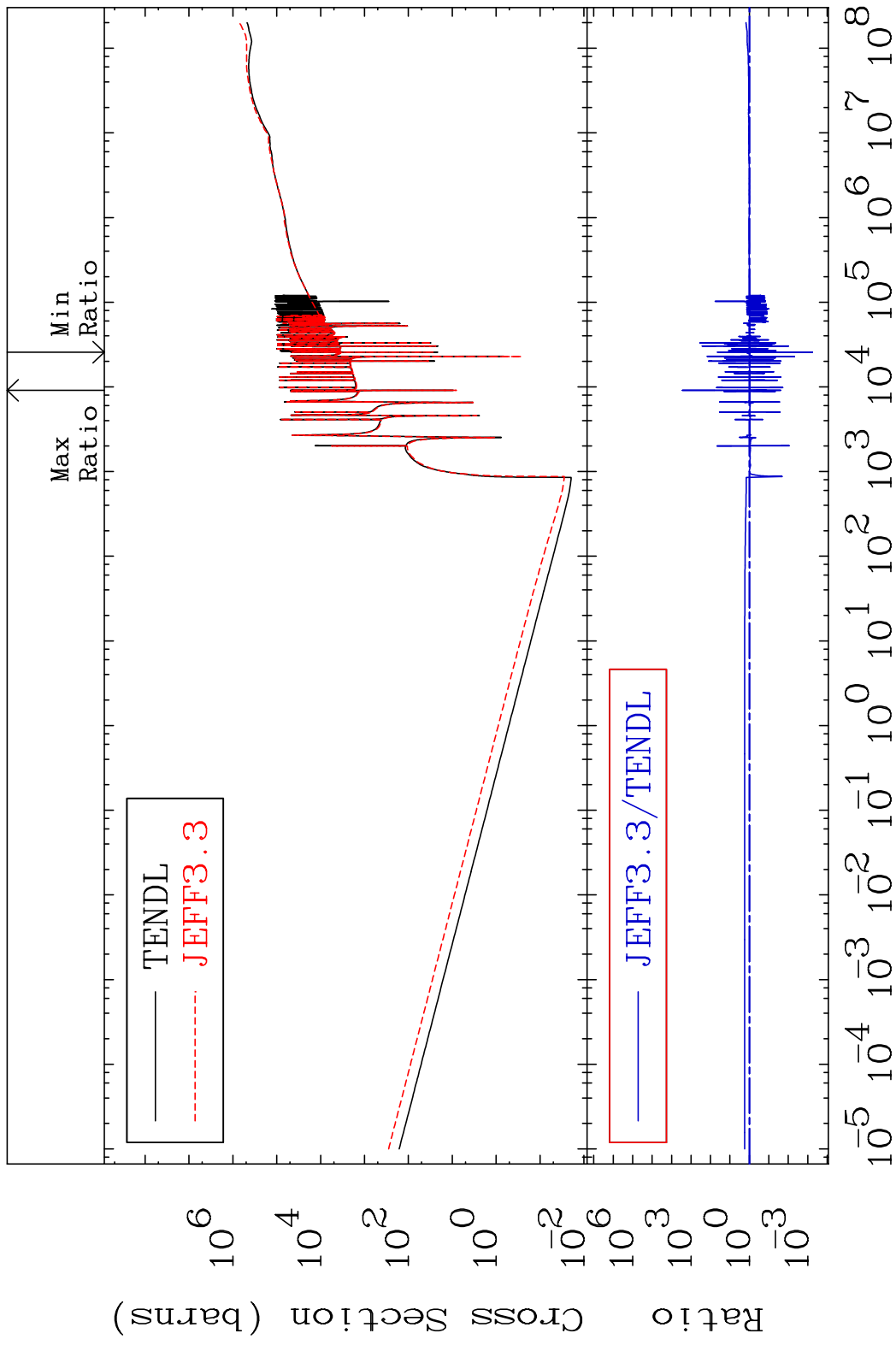


50 Incident Energy (eV) 40-Zr-92

MAT 4031 Total kinematic kerma (high limit) 40-Zr-92
 Cross Section -99.94 To 9999. %



MAT 4031 Dpa total (eV-barns) 40-Zr-92
 Cross Section -99.94 To 9999. %

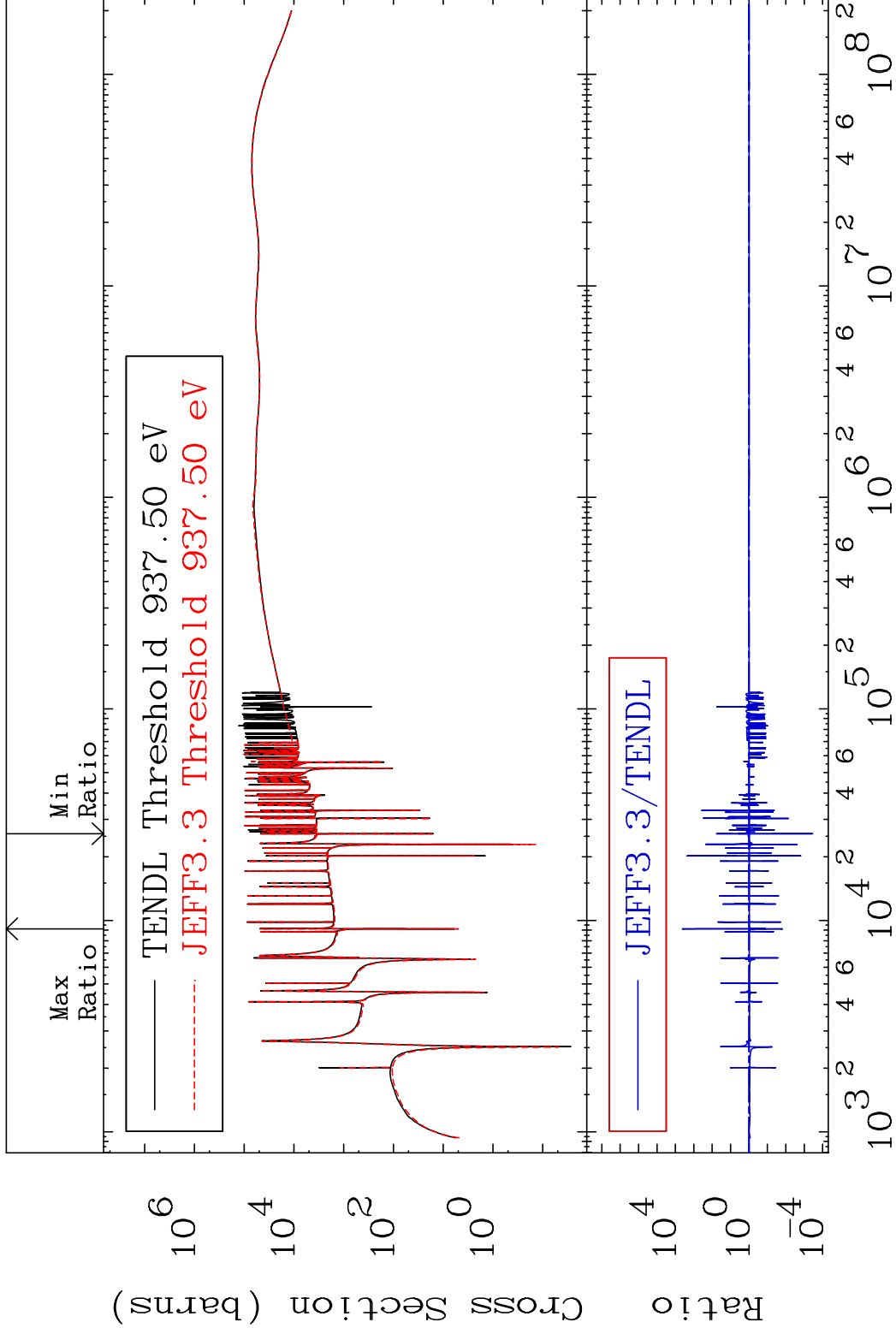


MAT 4031

Dpa elastic (mt2)

40-Zr-92

Cross Section -99.96 To 9999. %

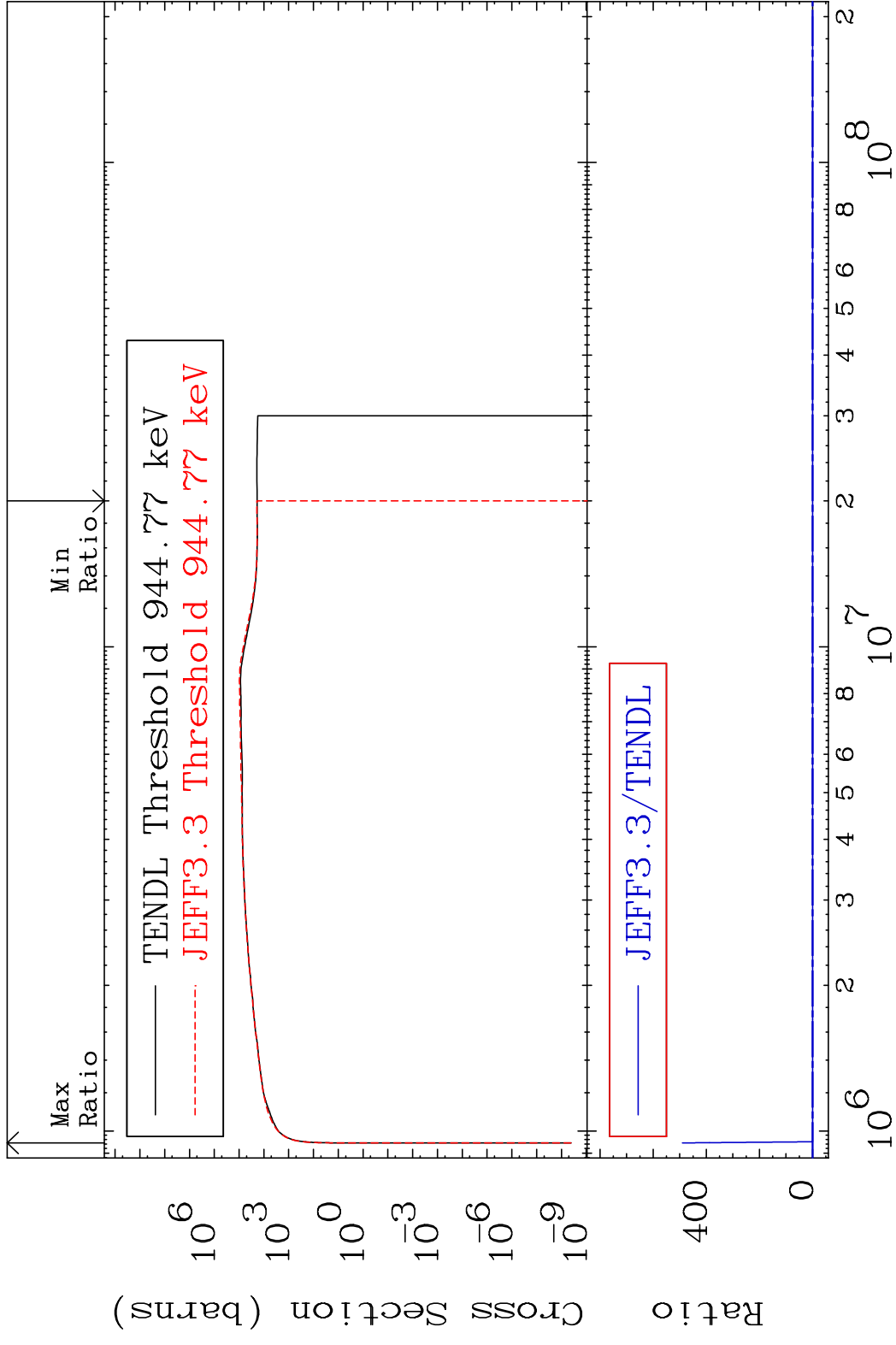


53

Incident Energy (eV)

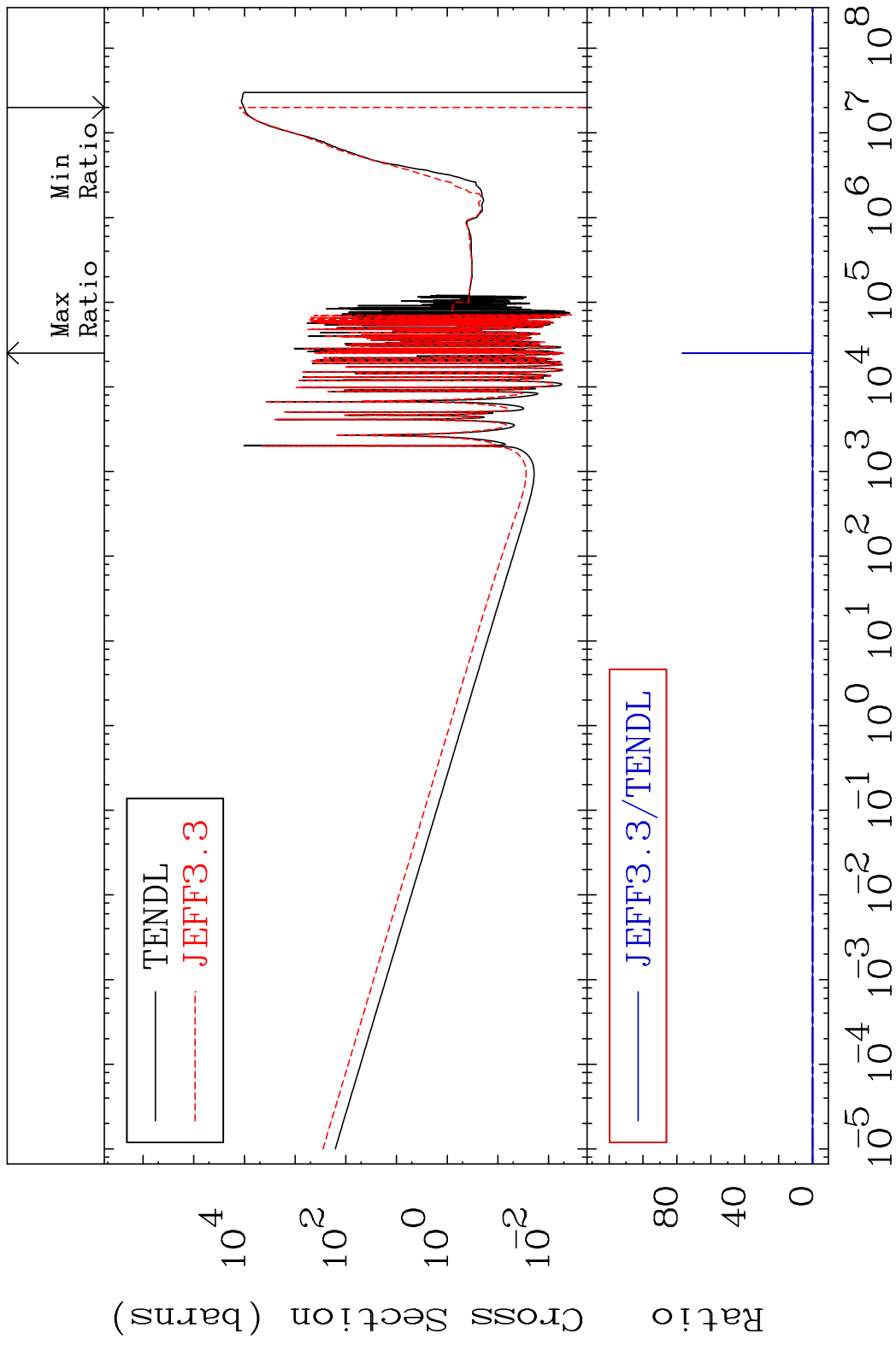
40-Zr-92

MAT 4031 Dpa inelastic (mt51-91) 40-Zr-92
 Cross Section -100.0 To 9999. %



54 Incident Energy (eV) 40-Zr-92

MAT 4031 Dpa disappearance (mt102 -120) 40-Zr-92
 Cross Section -100.0 To 9999. %



55 Incident Energy (eV) 40-Zr-92