

Program Complot
(Version 2018-1)

by

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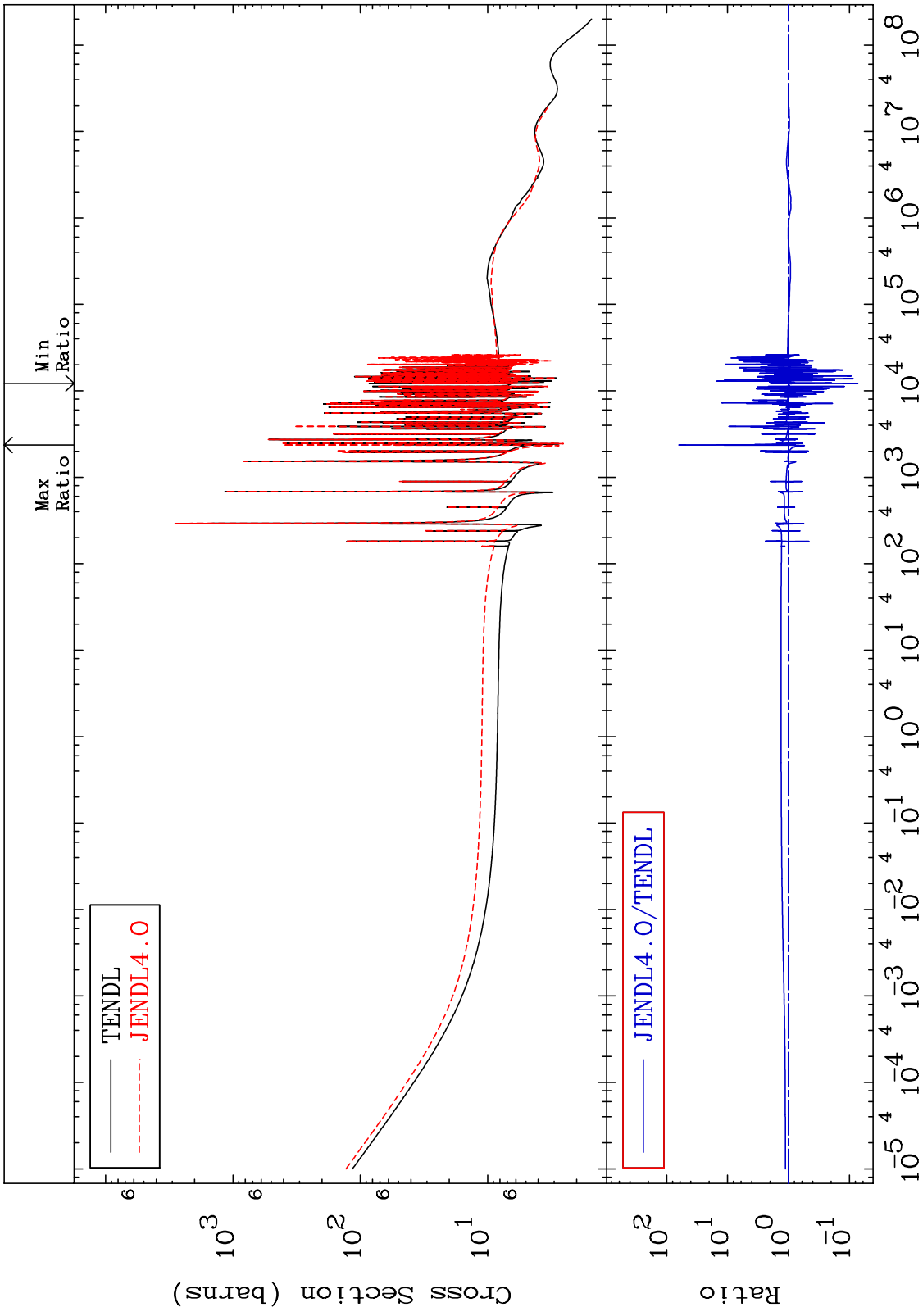
U.S.A.

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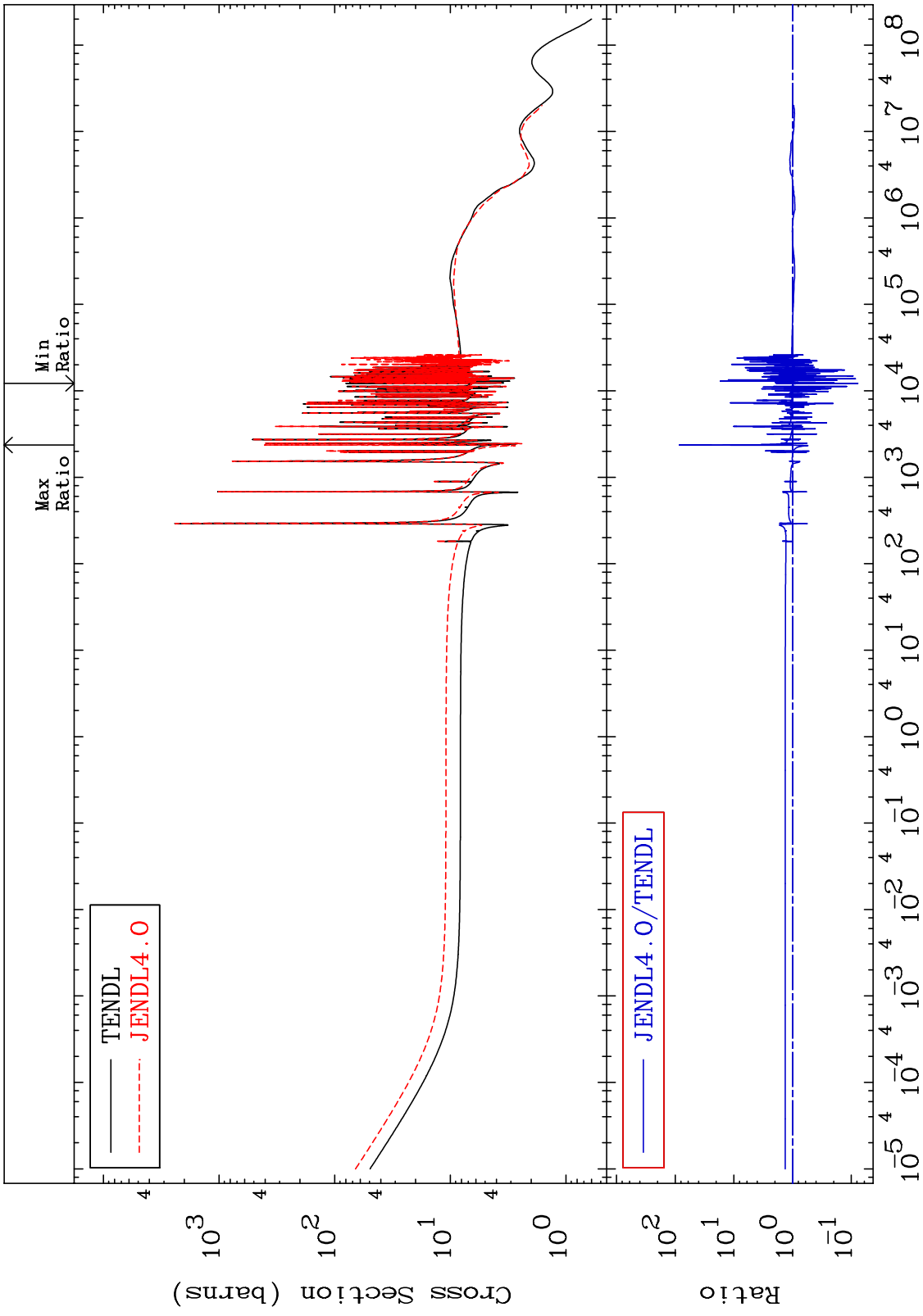
Press Mouse Button to Start

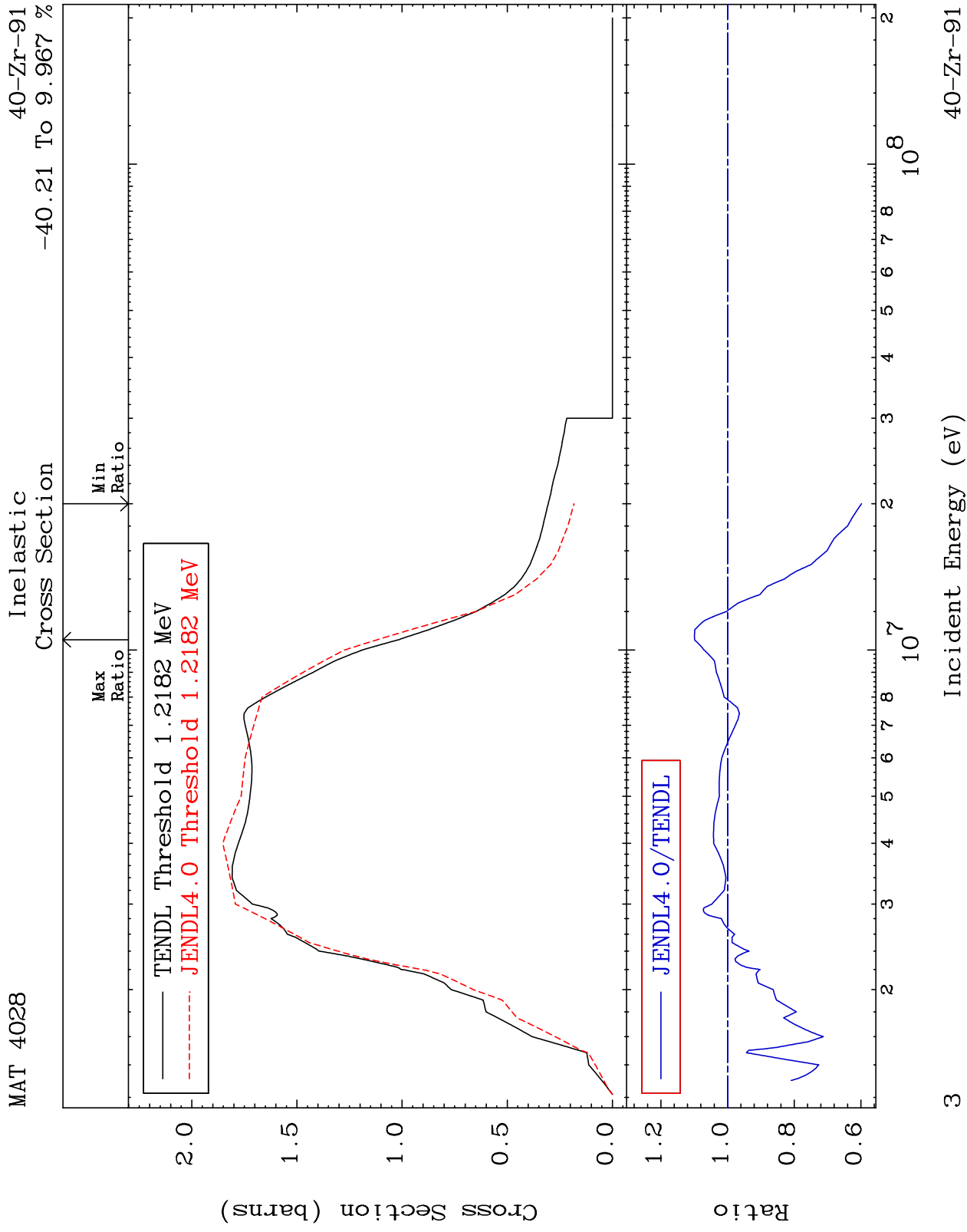
MAT 4028 Total Cross Section 40-Zr-91
-92.72 To 6155. %



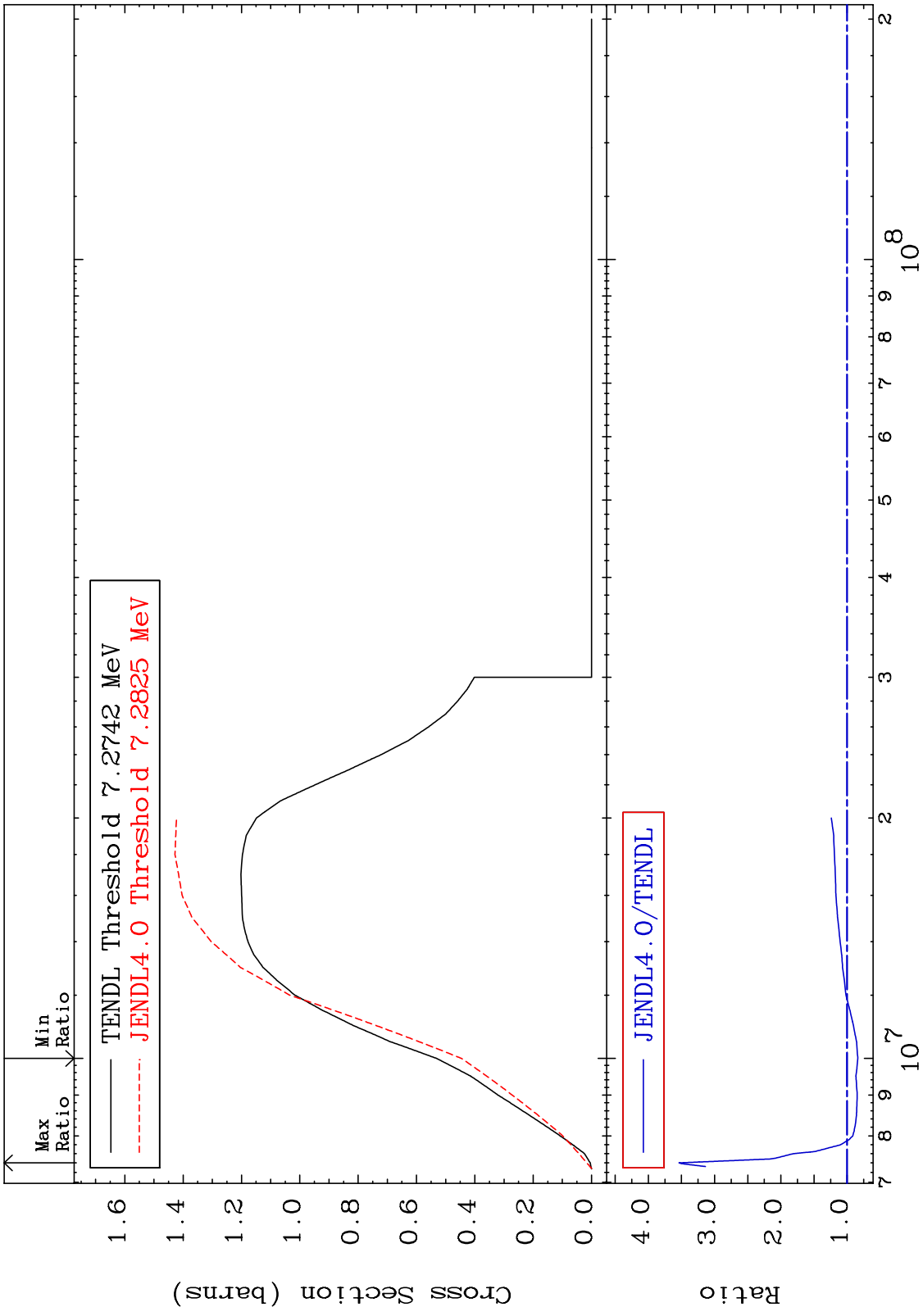
1 Incident Energy (eV) 40-Zr-91

MAT 4028 Elastic Cross Section 40-Zr-91 -92.25 To 8498. %

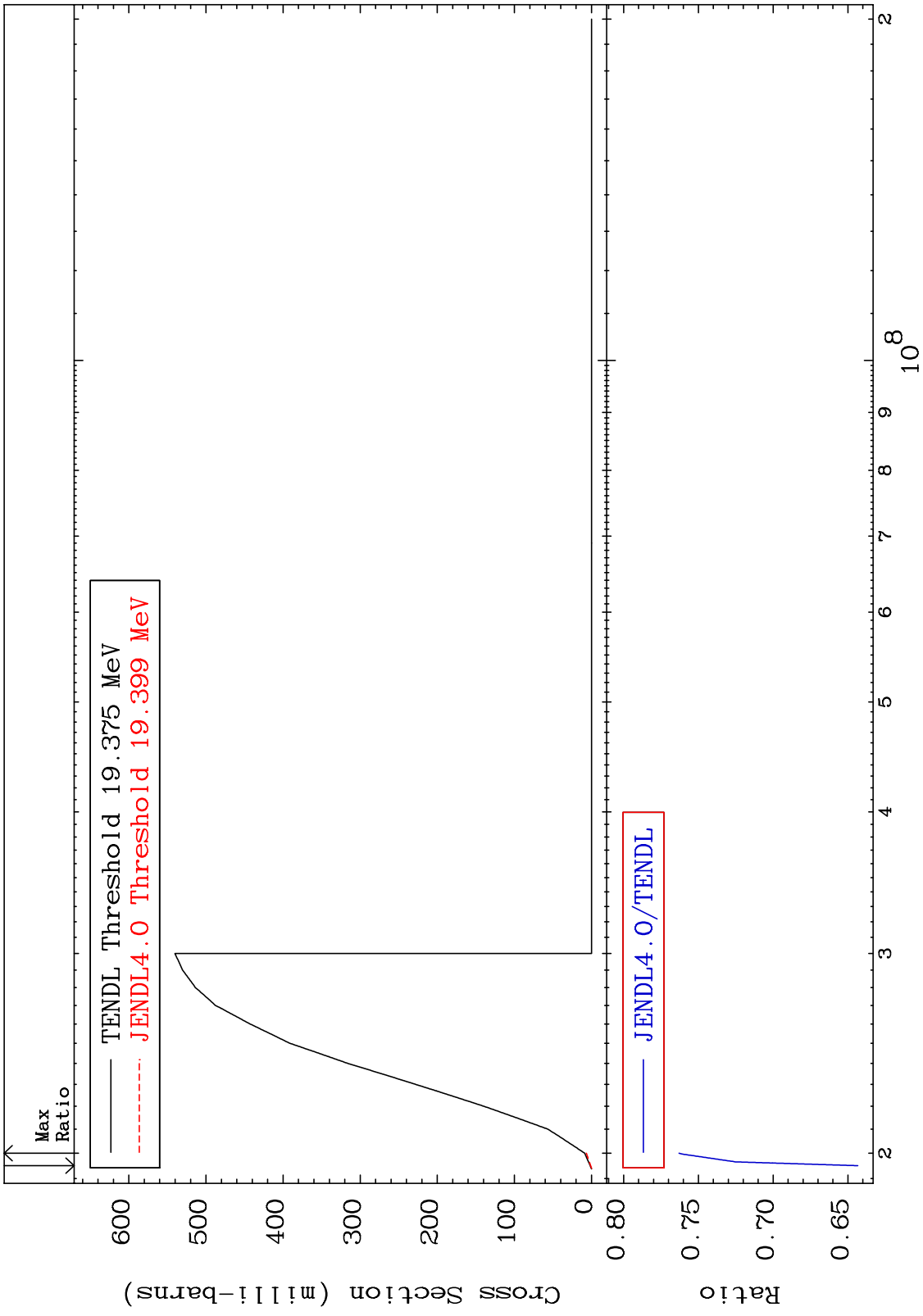




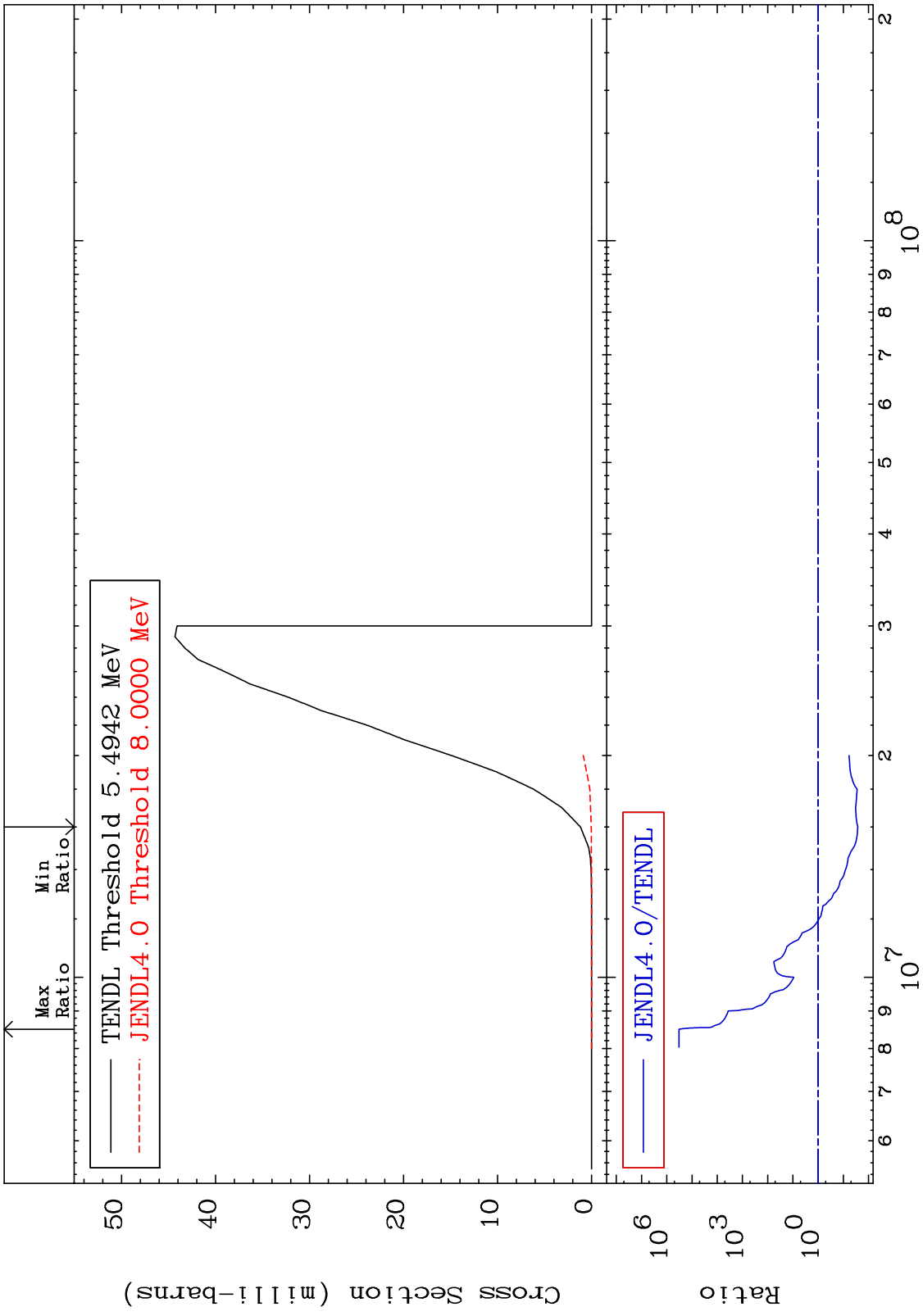
MAT 4028 (n,2n) Cross Section 40-Zr-91 -16.14 To 253.7 %



MAT 4028 (n,3n) Cross Section 40-Zr-91 -35.66 To -23.71%

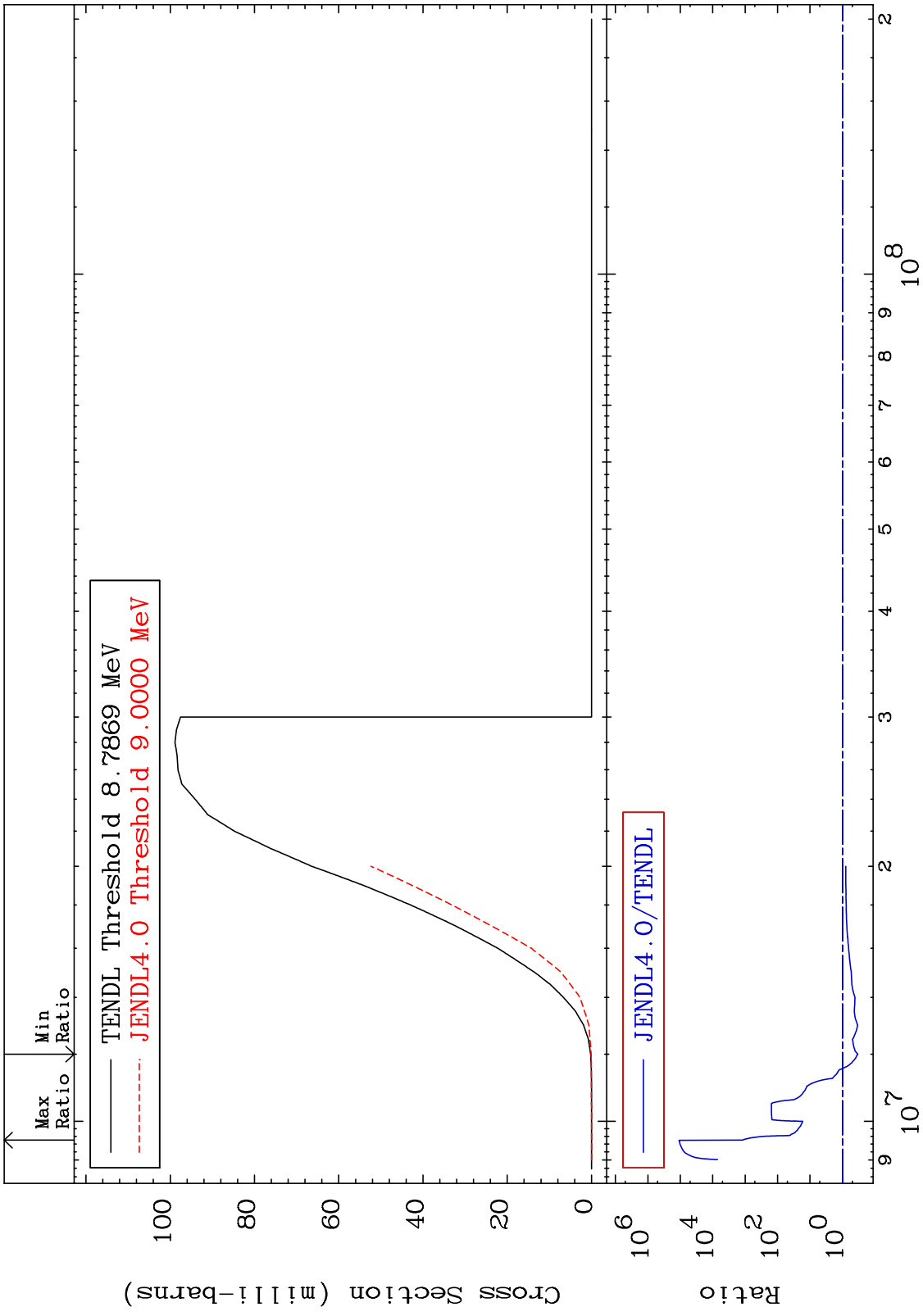


MAT 4028 (n,n') α 40-Zr-91
 Cross Section -97.34 To 9999. %



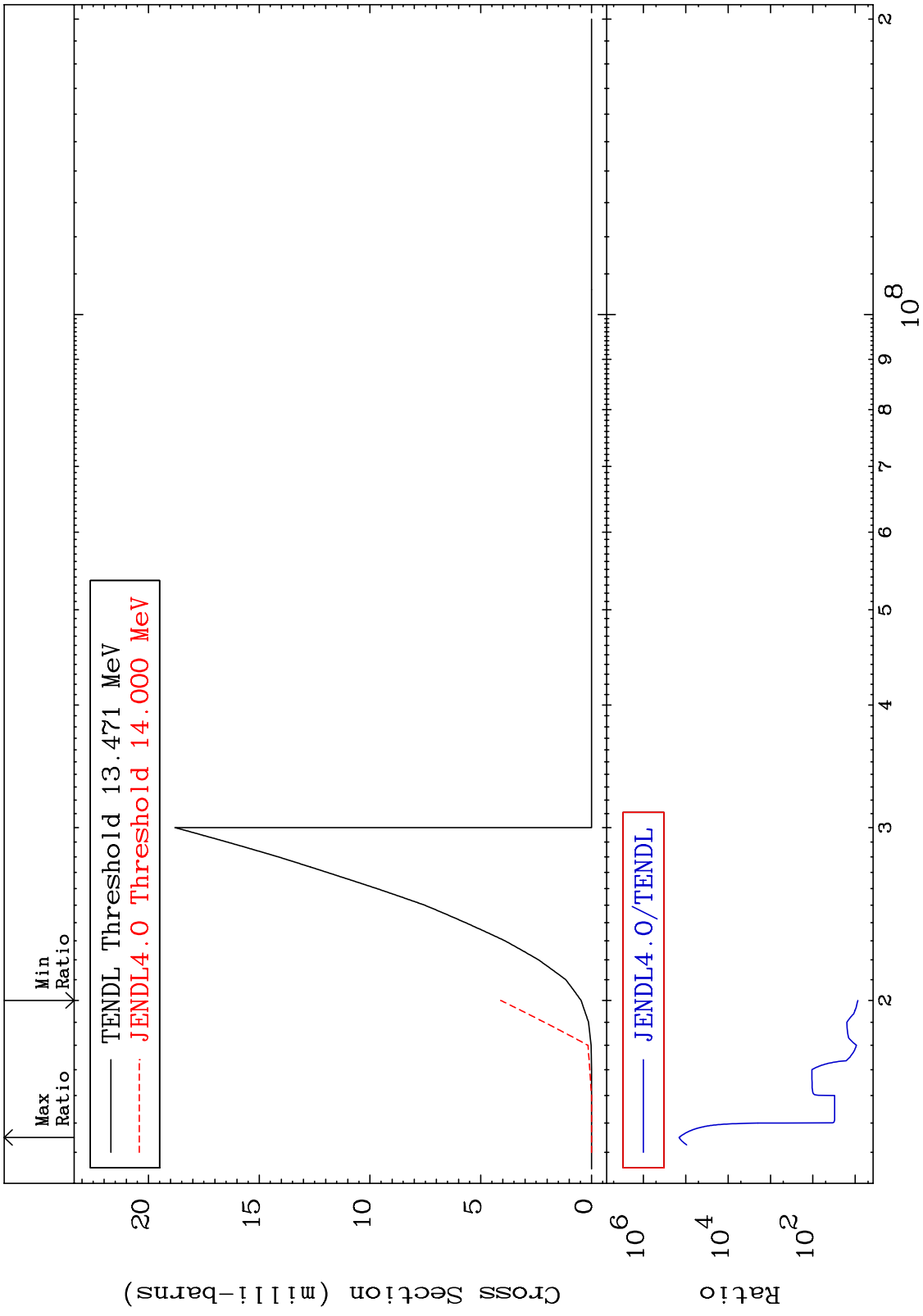
6 40-Zr-91

MAT 4028 (n,n') p 40-Zr-91
Cross Section -66.44 To 9999. %

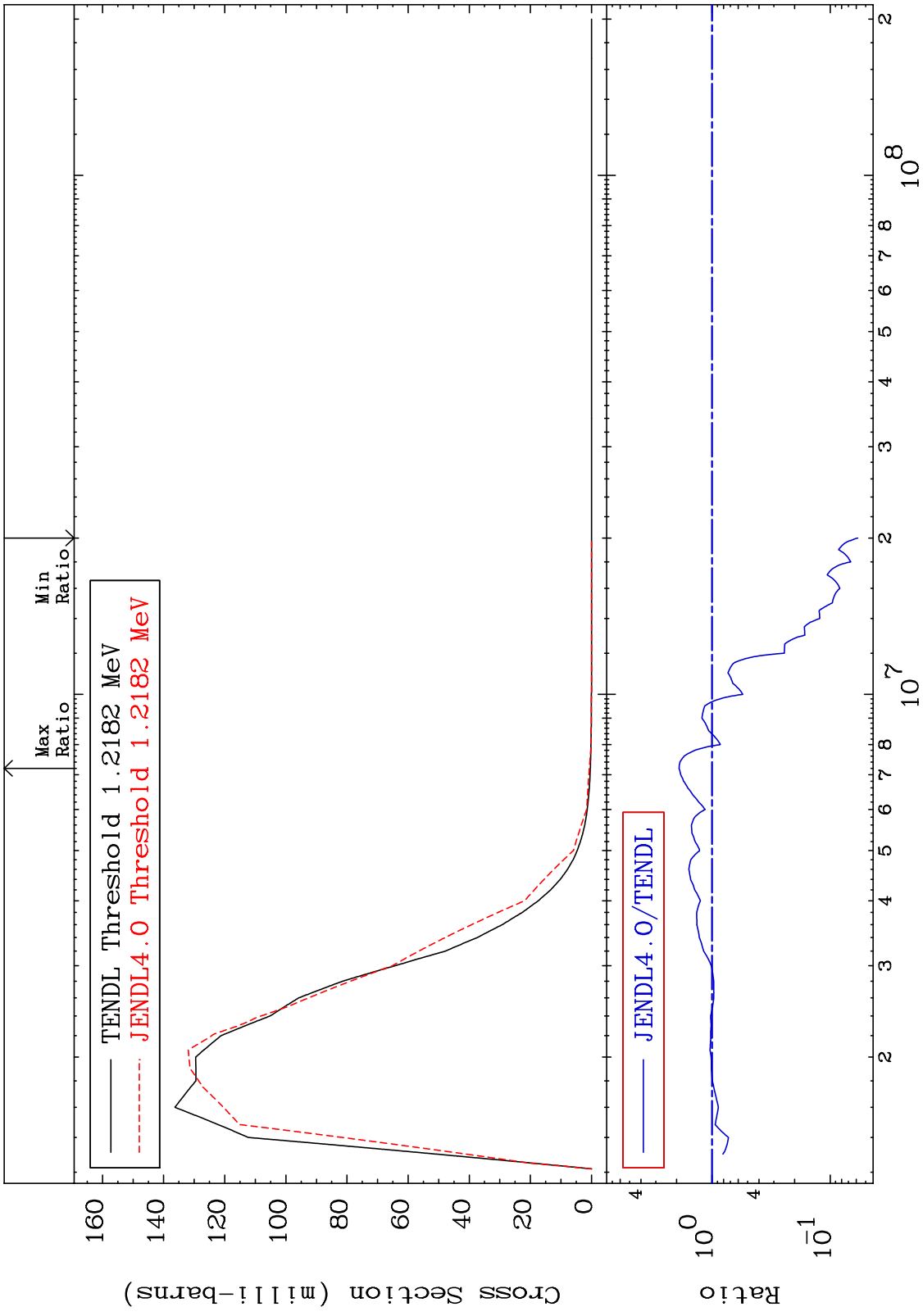


7 Incident Energy (eV) 40-Zr-91

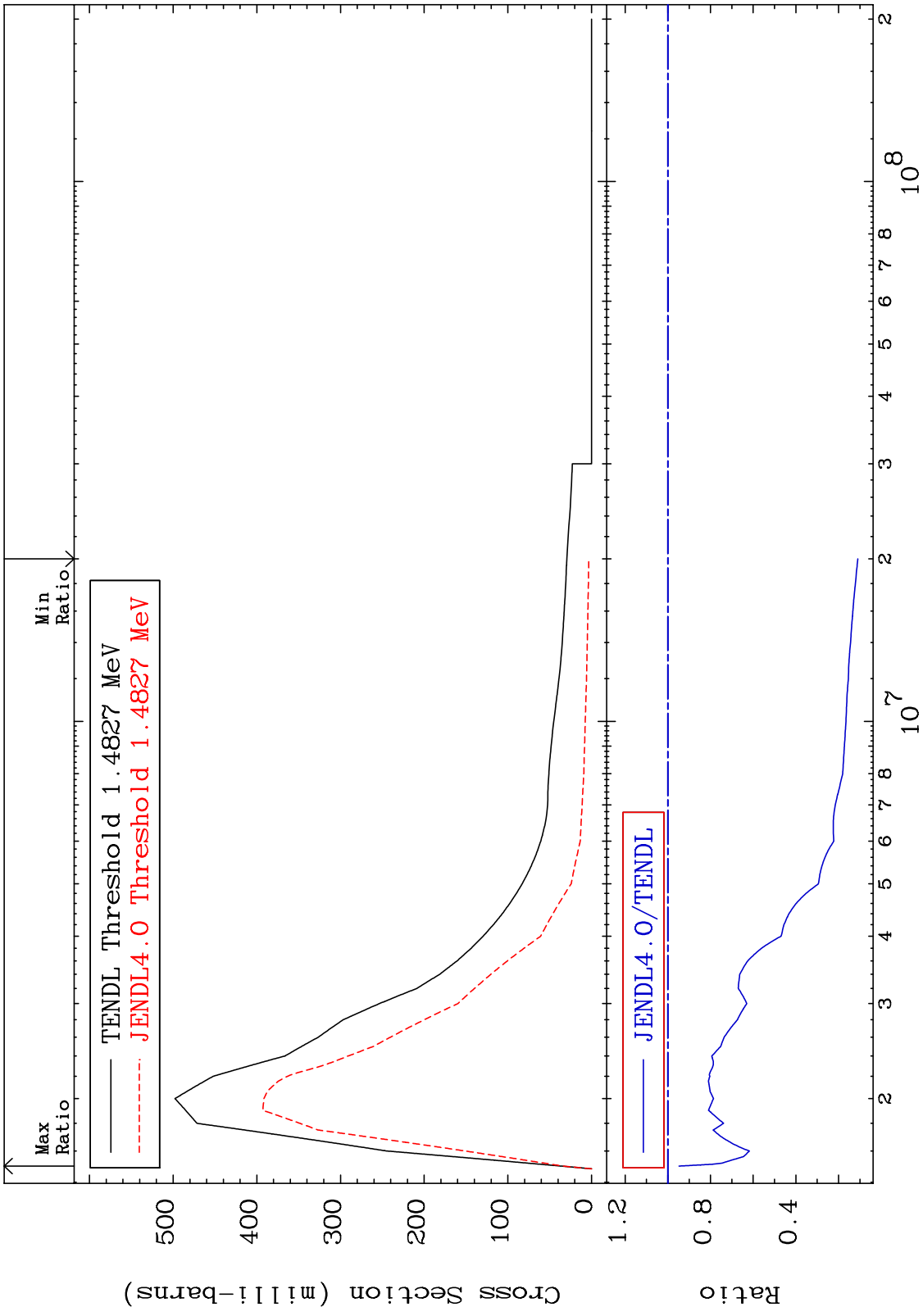
MAT 4028 (n,n') d 40-Zr-91
 Cross Section 769.2 To 9999. %



MAT 4028 MT= 51 (n,n') Level Cross Section -94.17 To 90.41 % 40-Zr-91

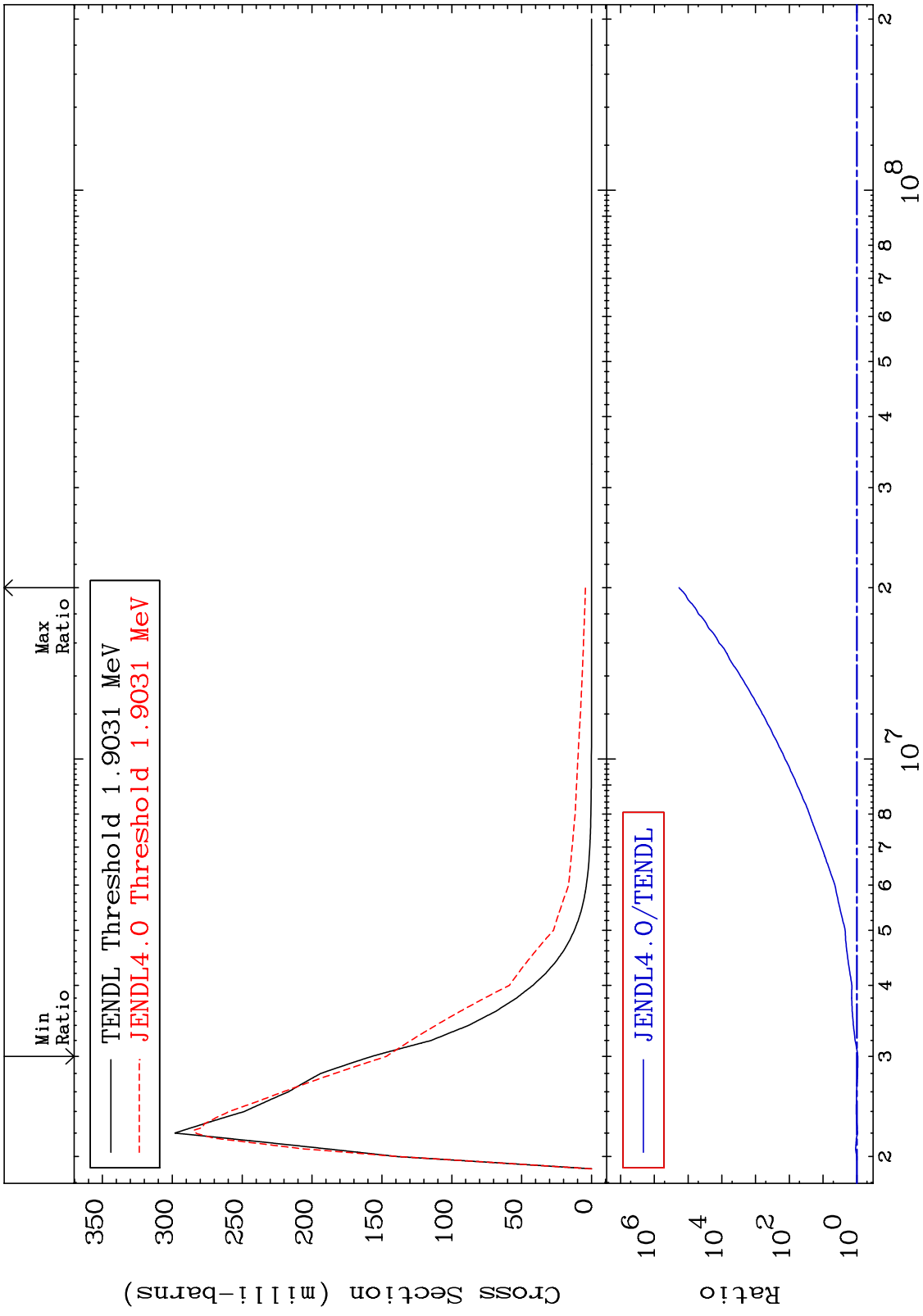


MAT 4028 MT= 52 (n,n') Level Cross Section 40-Zr-91
 -89.05 To -5.253%

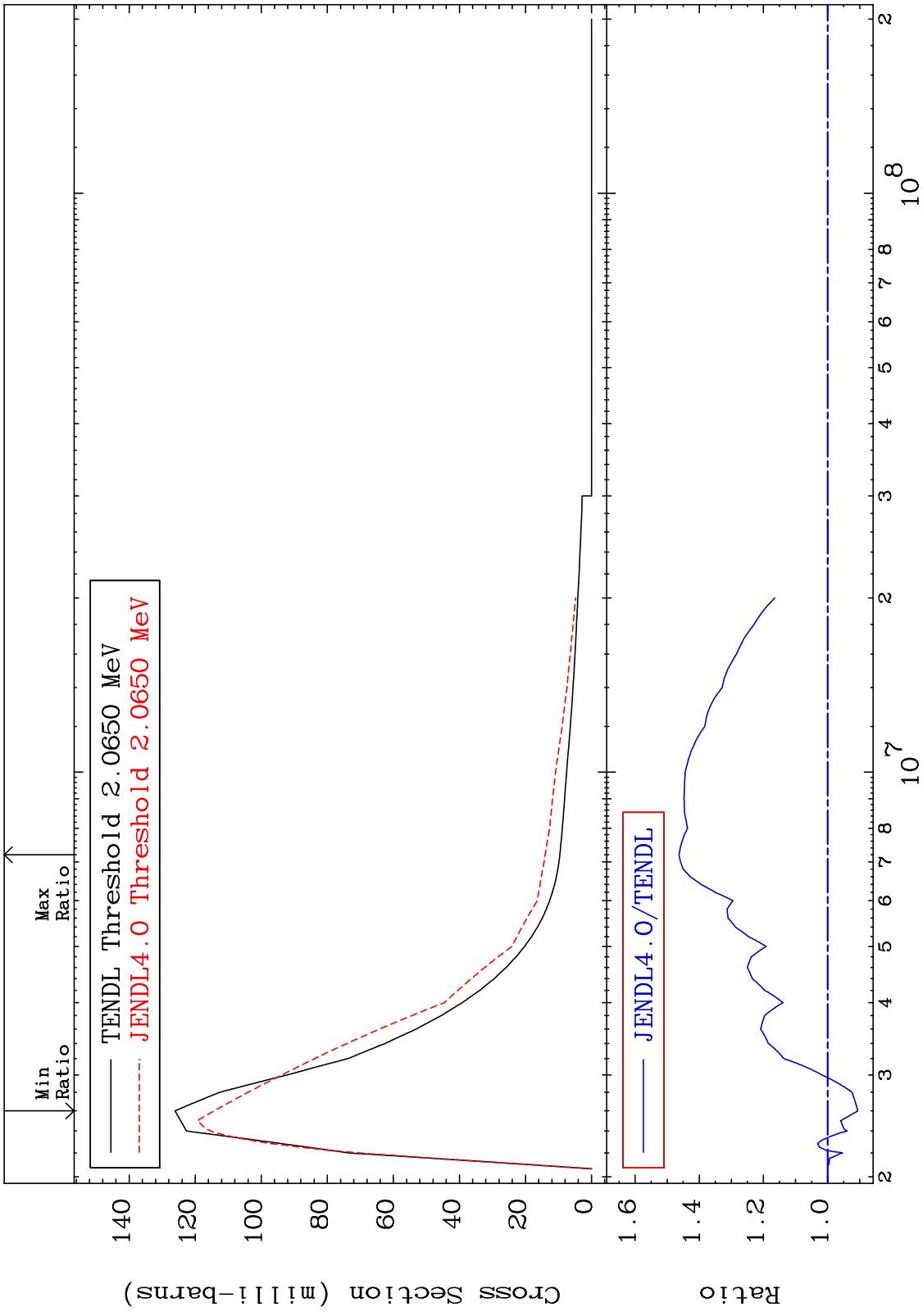


Incident Energy (eV) 40-Zr-91

MAT 4028 MT= 53 (n,n') Level Cross Section 40-Zr-91
 -6.624 To 9999. %

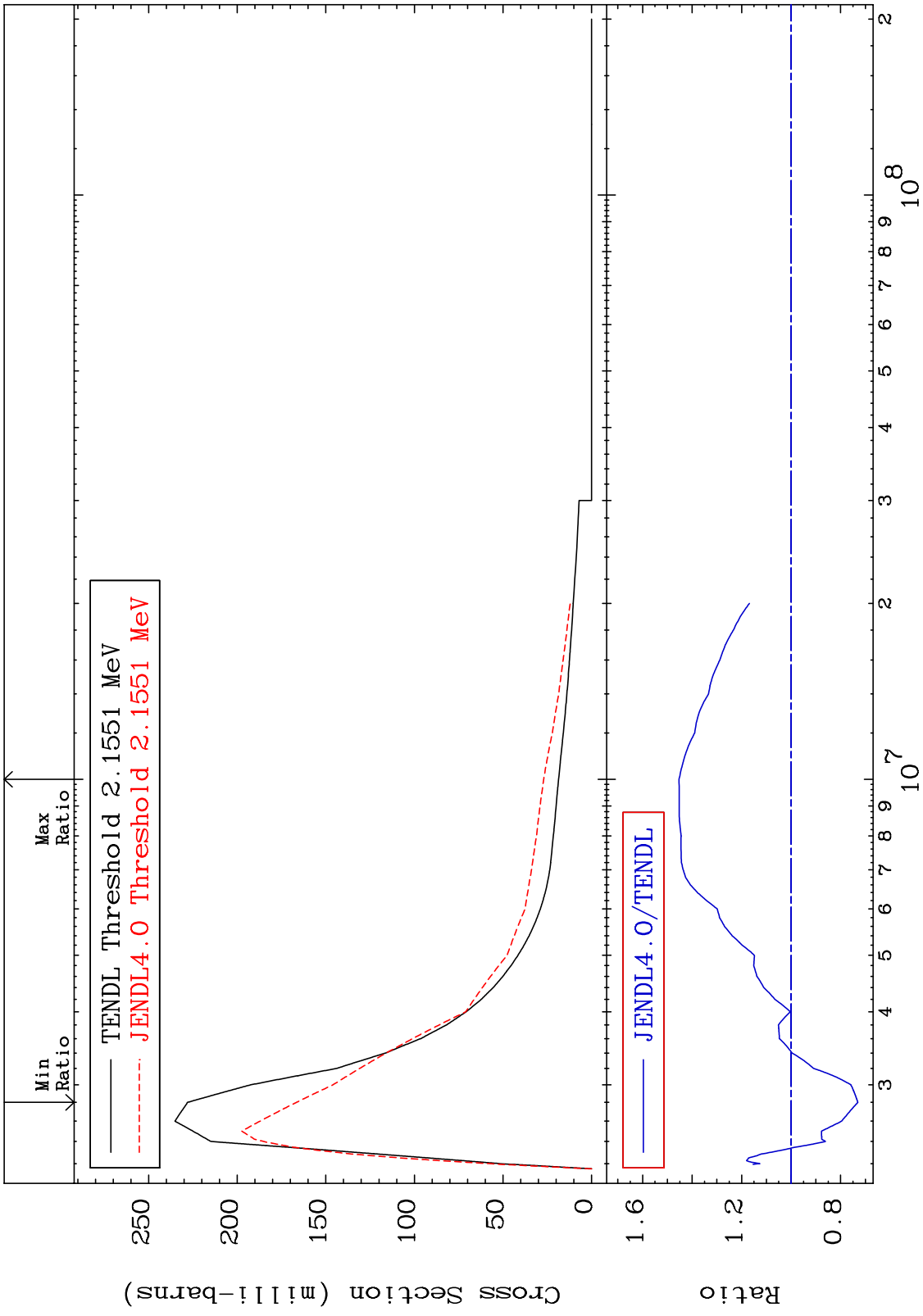


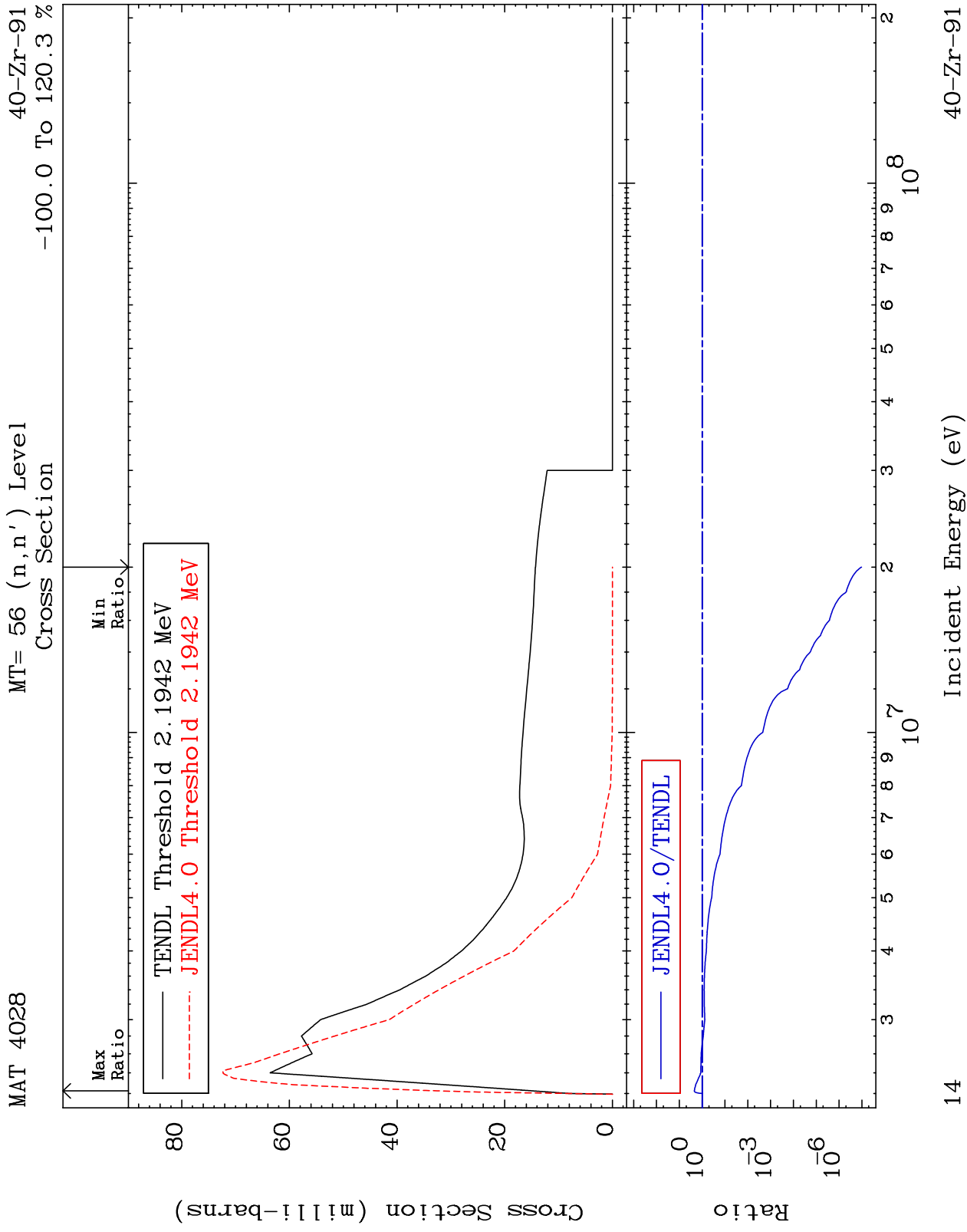
MAT 4028 MT= 54 (n,n') Level Cross Section -9.422 To 46.30 % 40-Zr-91



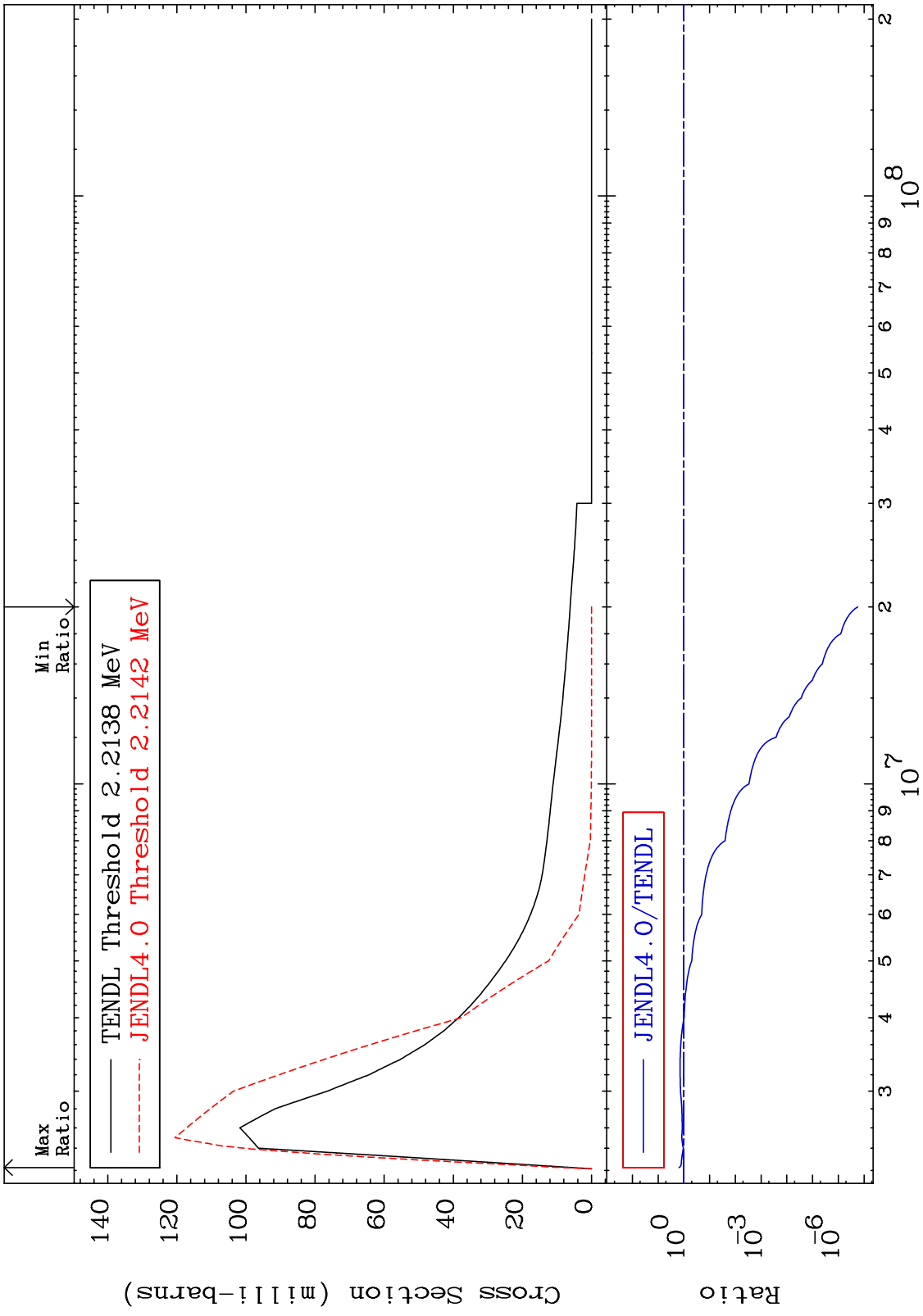
12 40-Zr-91

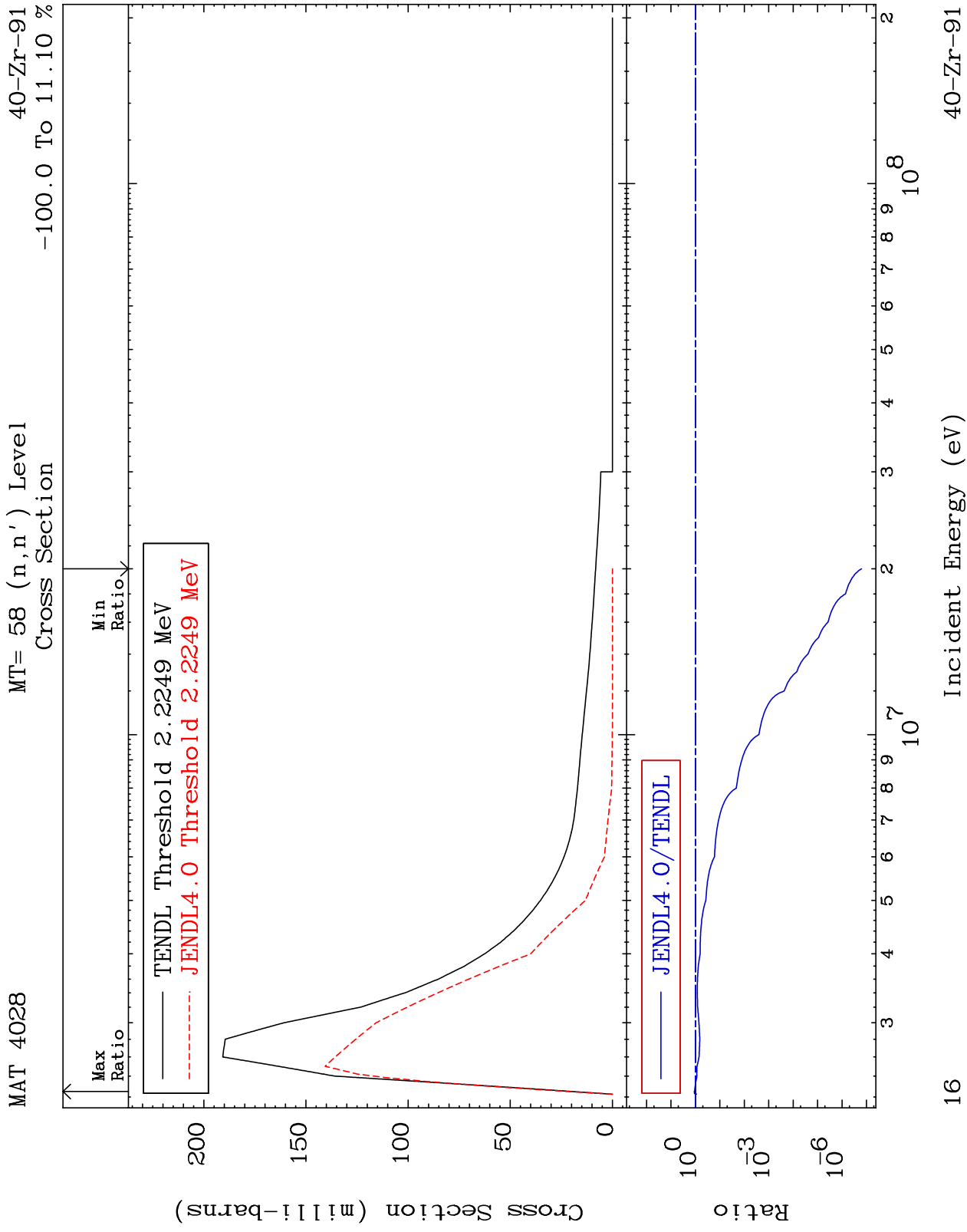
MAT 4028 MT= 55 (n,n') Level Cross Section 40-Zr-91
 -26.95 To 45.28 %



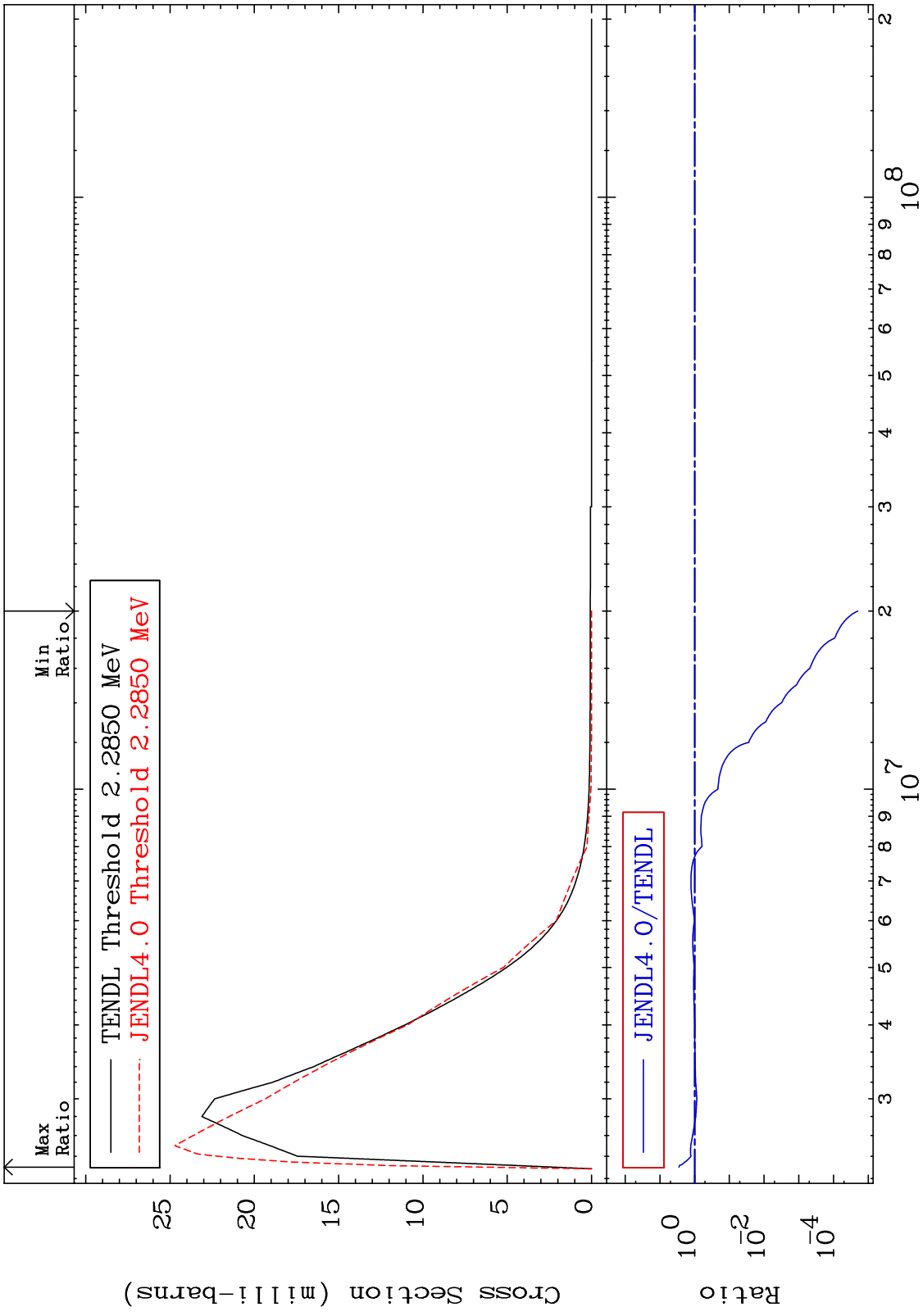


MAT 4028 MT= 57 (n,n') Level Cross Section 40-Zr-91
 -100.0 To 54.19 %

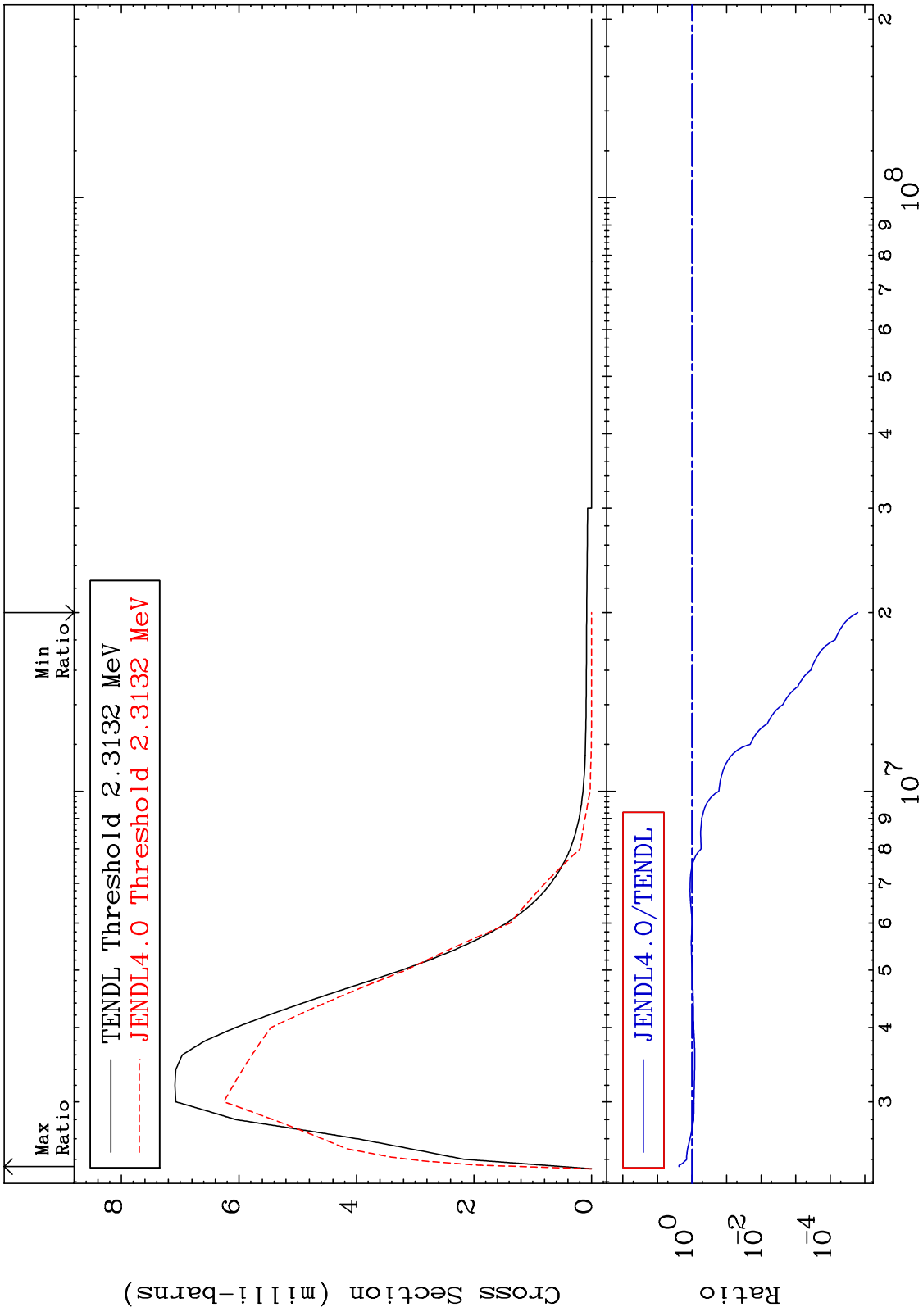




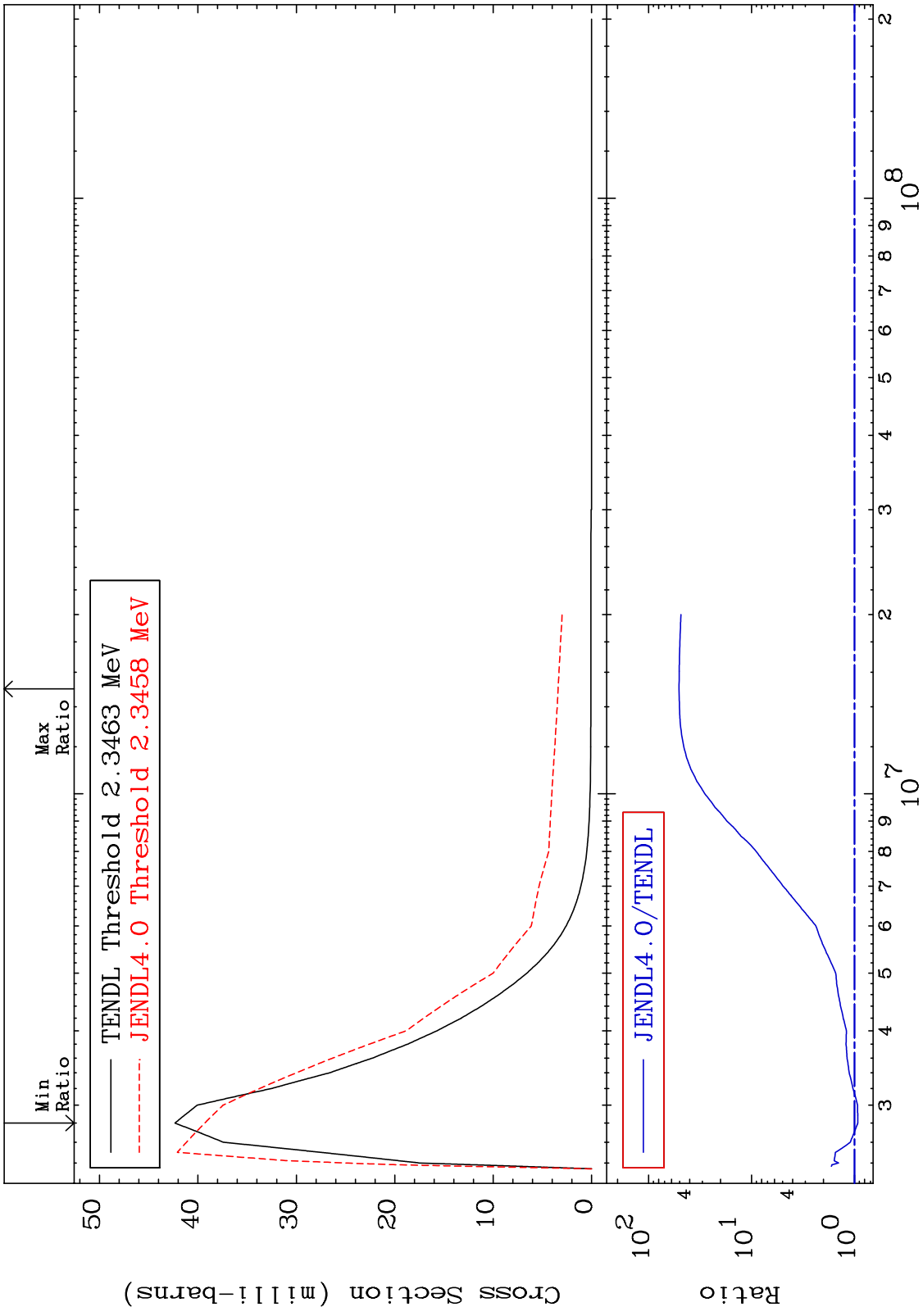
MAT 4028 MT= 59 (n,n') Level Cross Section -100.0 To 181.0 % 40-Zr-91



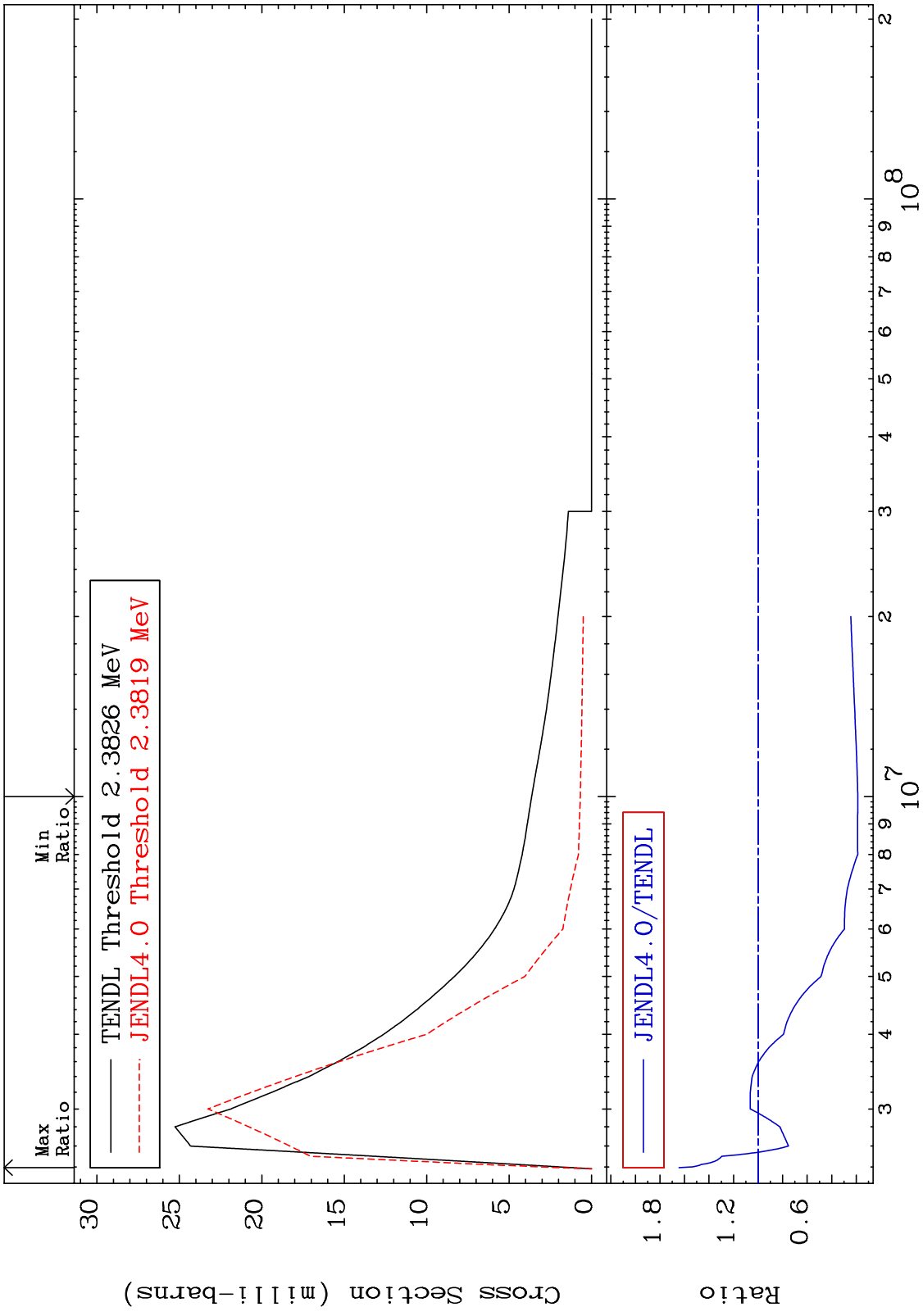
MAT 4028 MT= 60 (n,n') Level Cross Section -100.0 To 137.2 % 40-Zr-91



MAT 4028 MT= 61 (n,n') Level Cross Section -7.158 To 4966. % 40-Zr-91

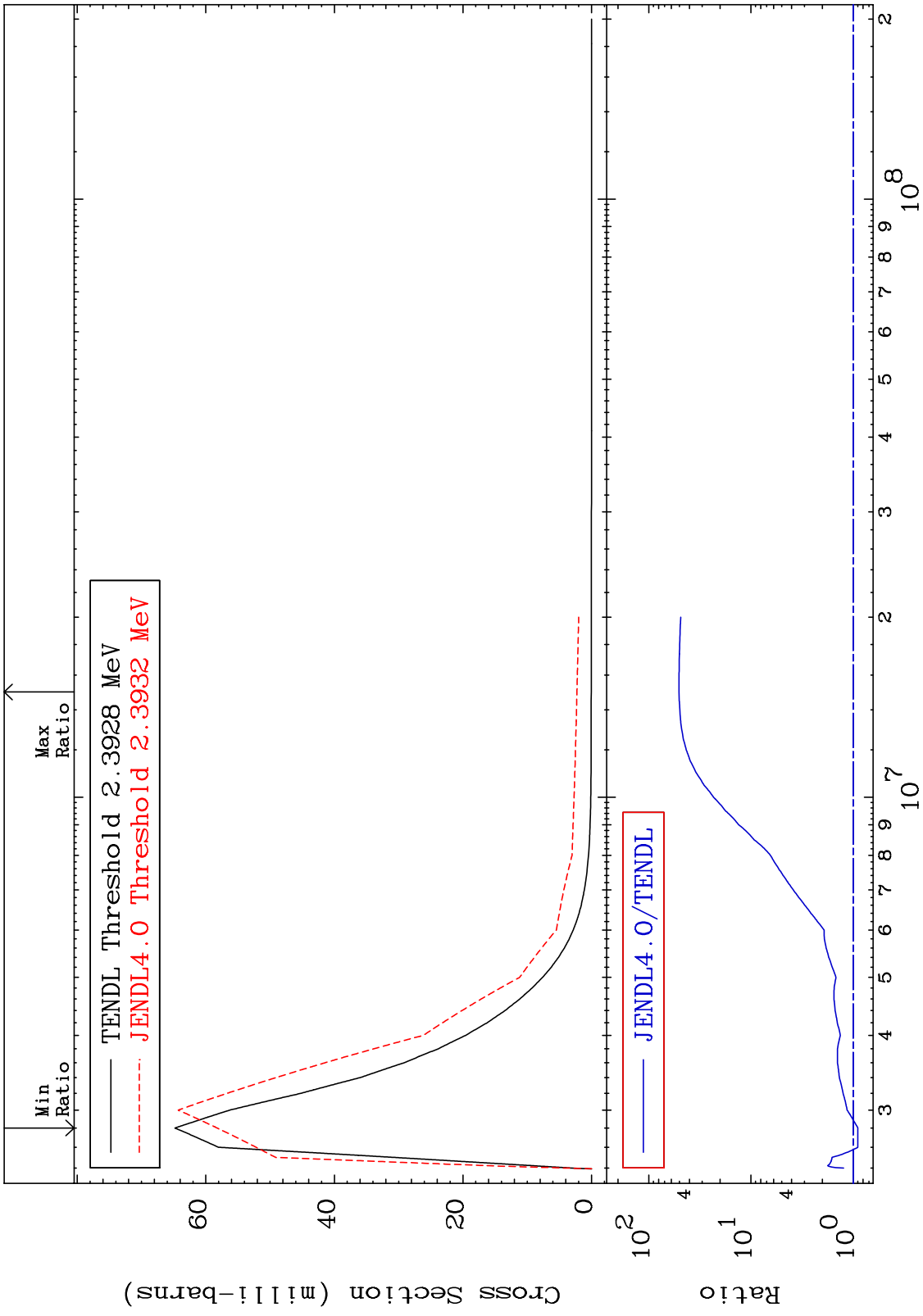


MAT 4028 MT= 62 (n,n') Level Cross Section 40-Zr-91 -81.29 To 64.43 %

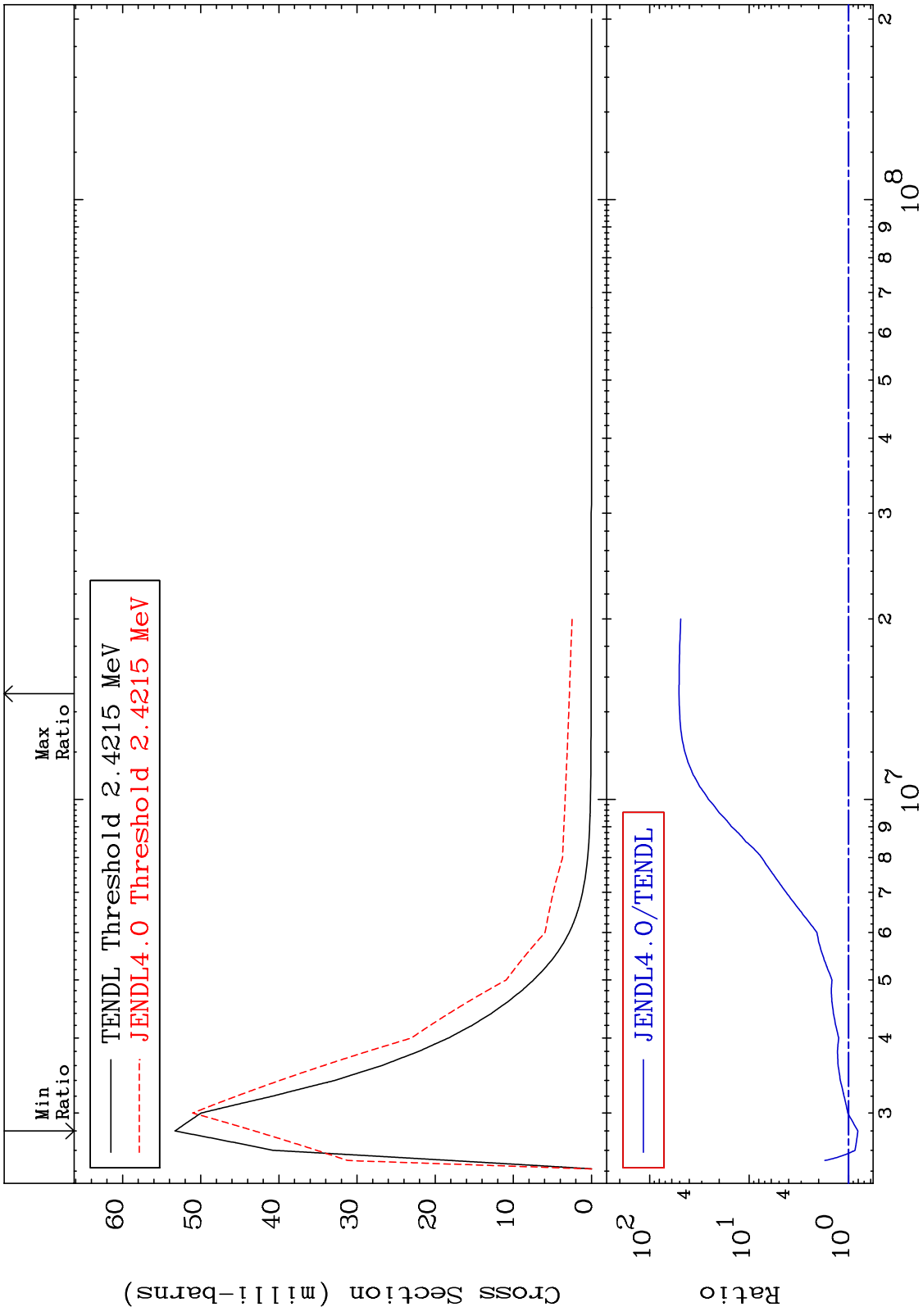


20 40-Zr-91

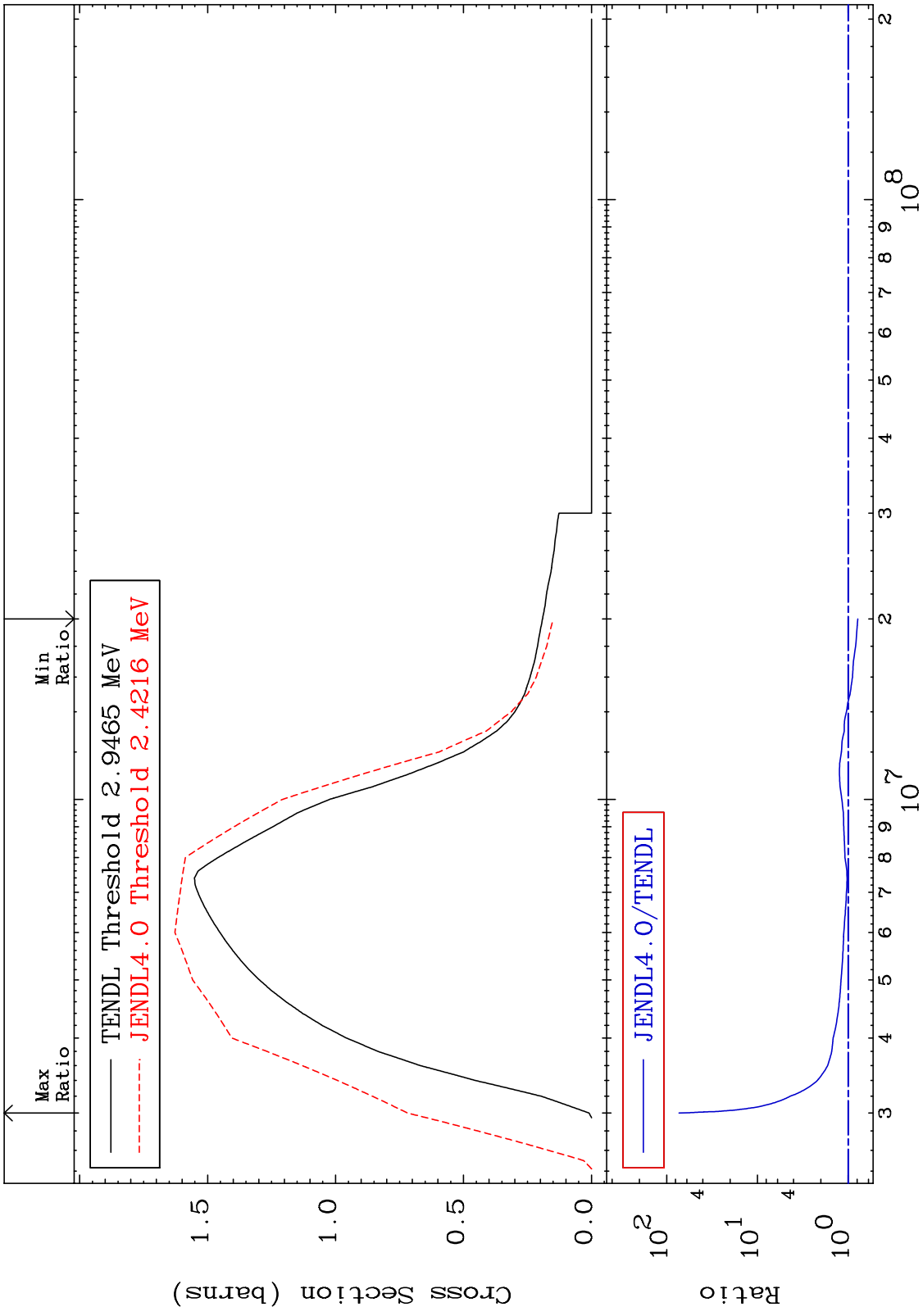
MAT 4028 MT= 63 (n,n') Level Cross Section -10.13 To 4951. % 40-Zr-91



MAT 4028 MT= 64 (n,n') Level Cross Section 40-Zr-91
 -19.14 To 4972. %



MAT 4028 (n, n') Continuum Cross Section 40-Zr-91 -21.57 To 7210. %



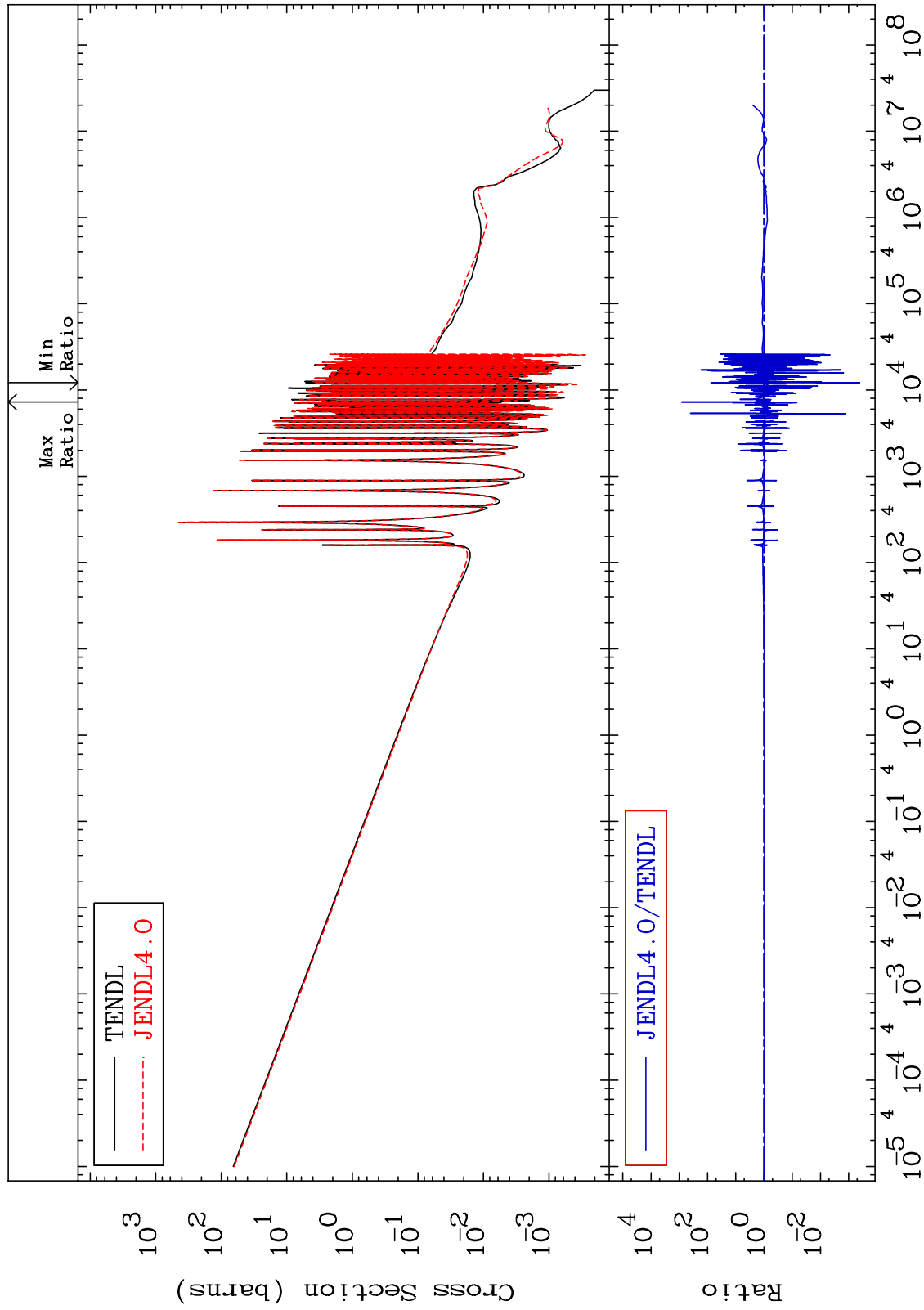
MAT 4028

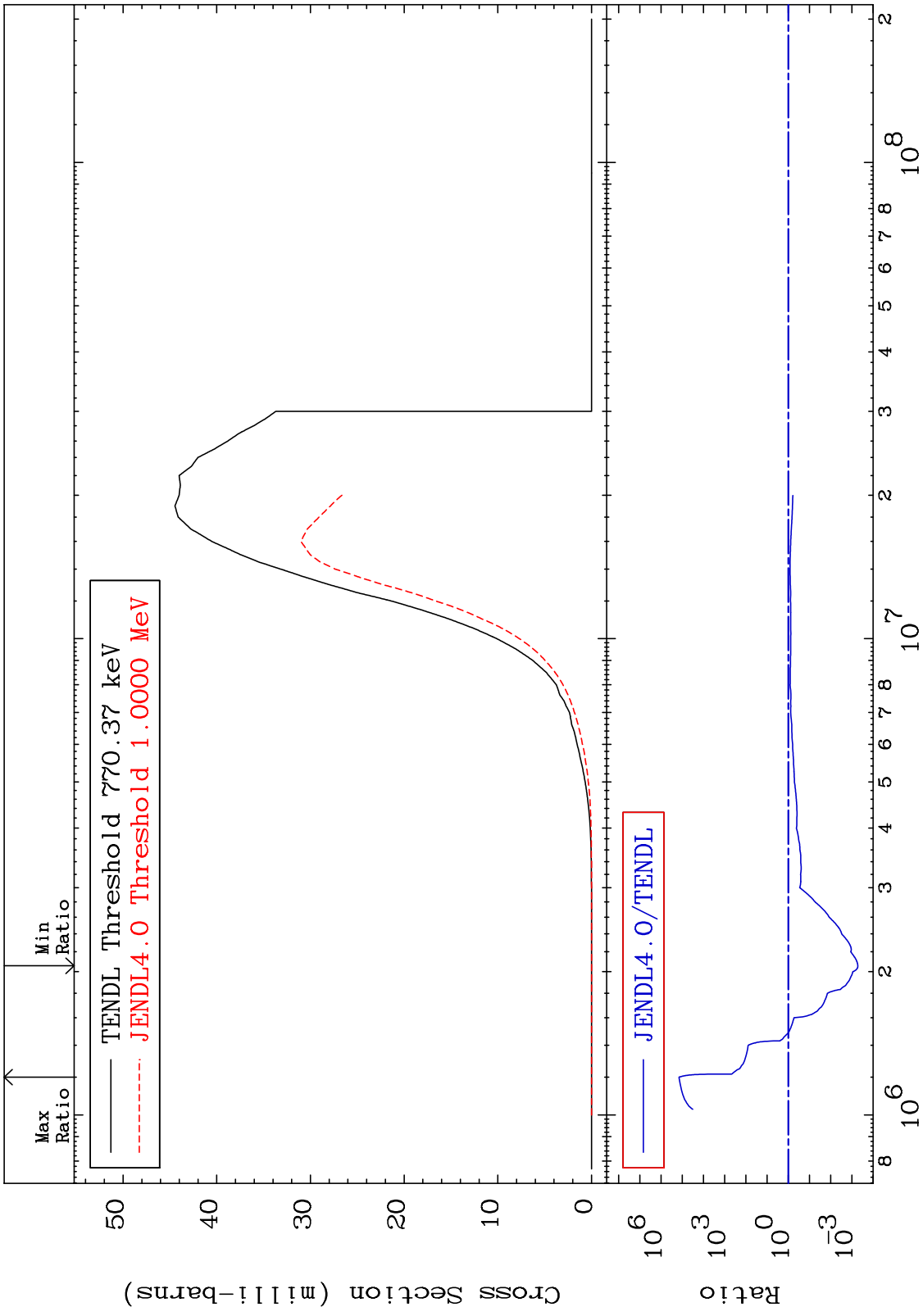
(n, γ)

40-Zr-91

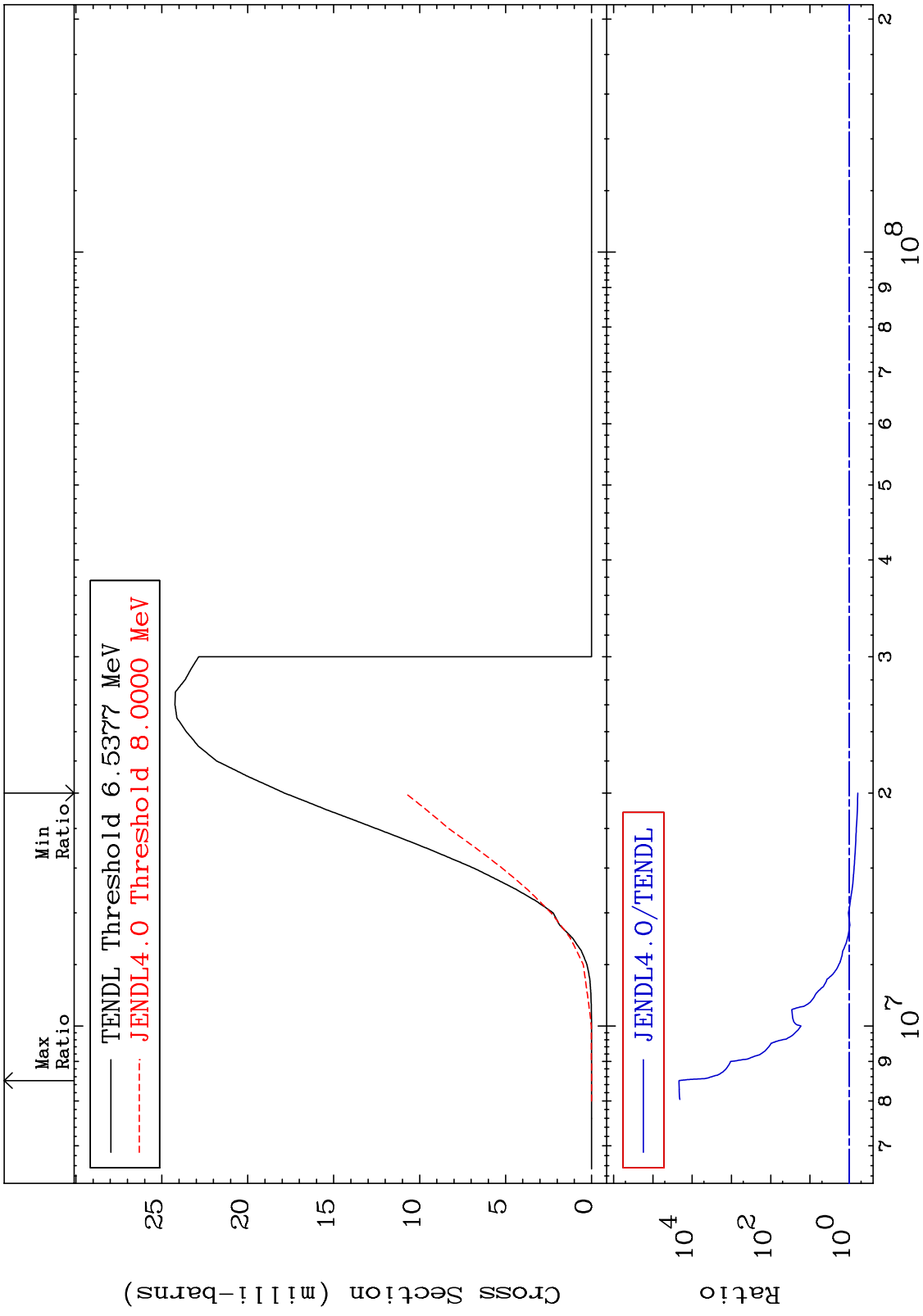
Cross Section

-99.96 To 9999. %

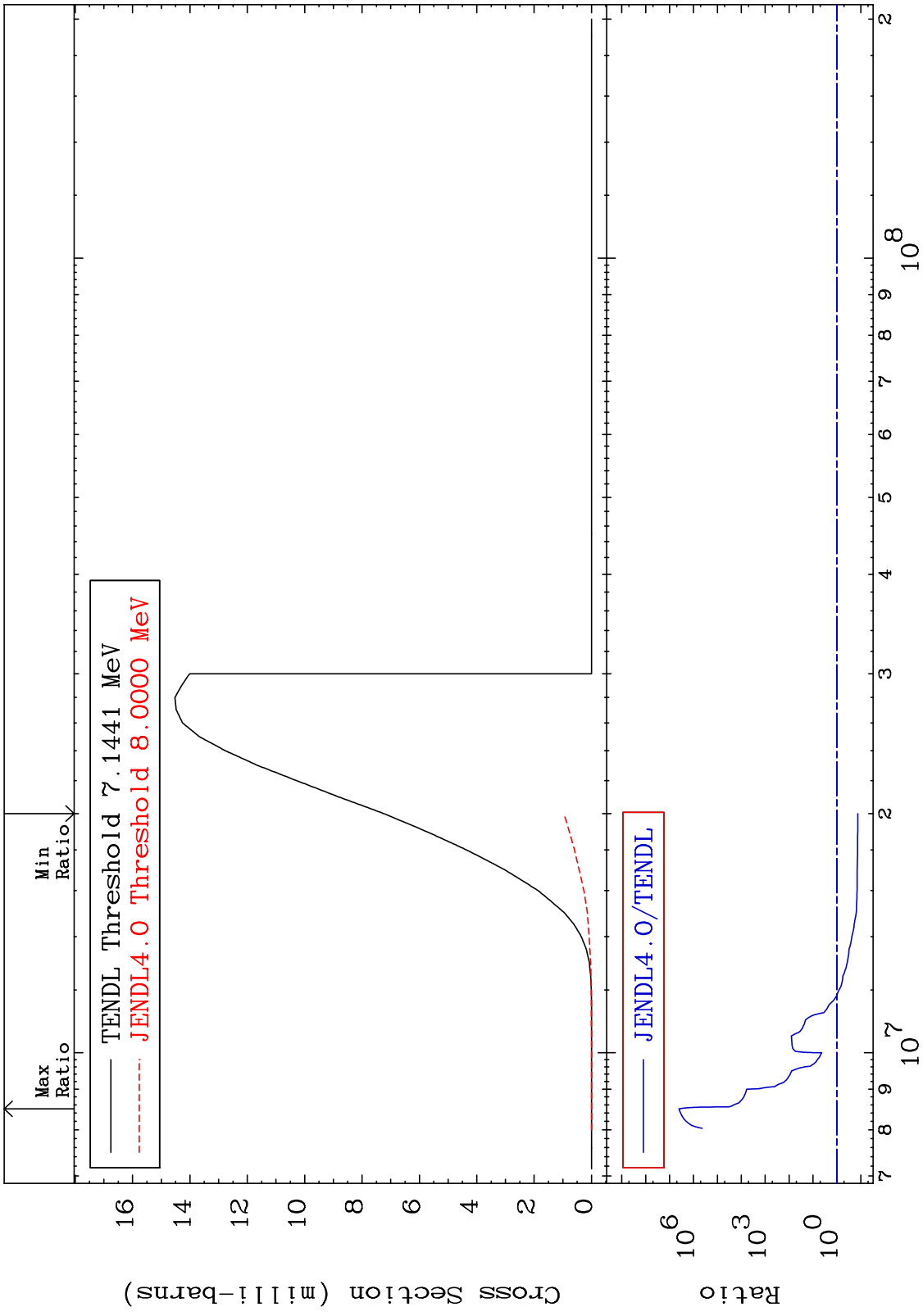


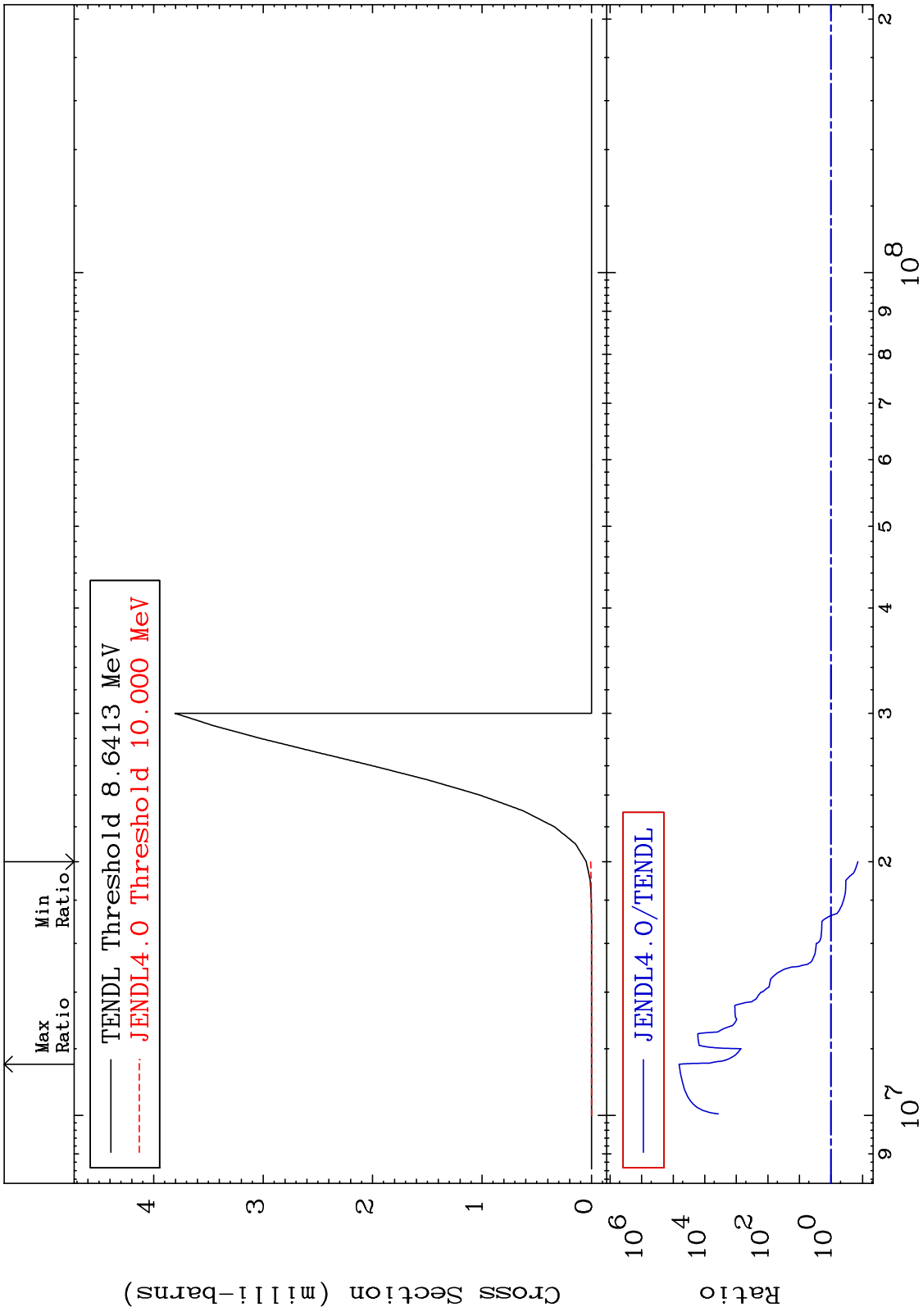


MAT 4028 (n,d) Cross Section 40-Zr-91 -39.36 To 9999. %



MAT 4028 (n,t) 40-Zr-91
 Cross Section -86.73 To 9999. %





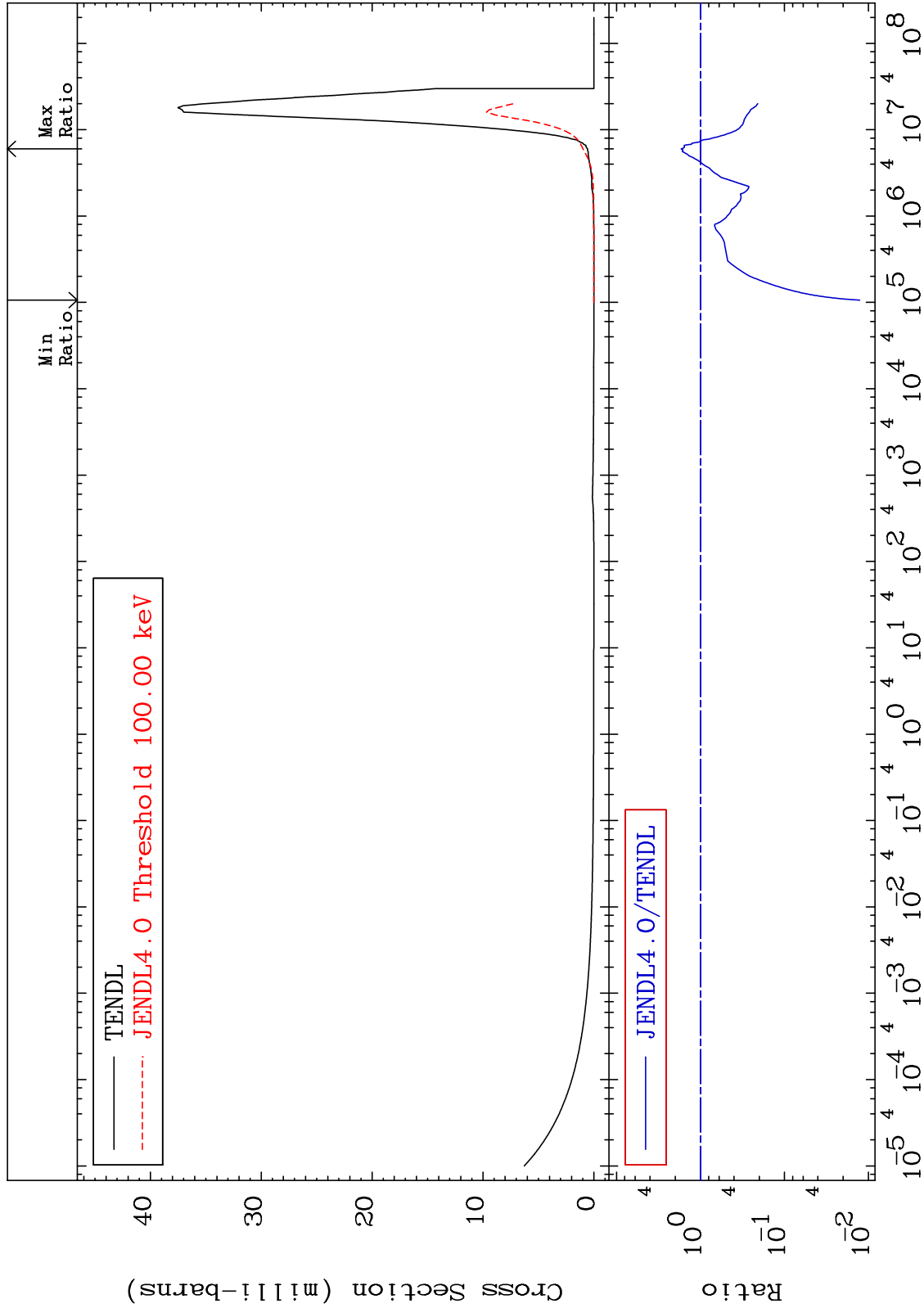
MAT 4028

(n, α)

40-Zr-91

Cross Section

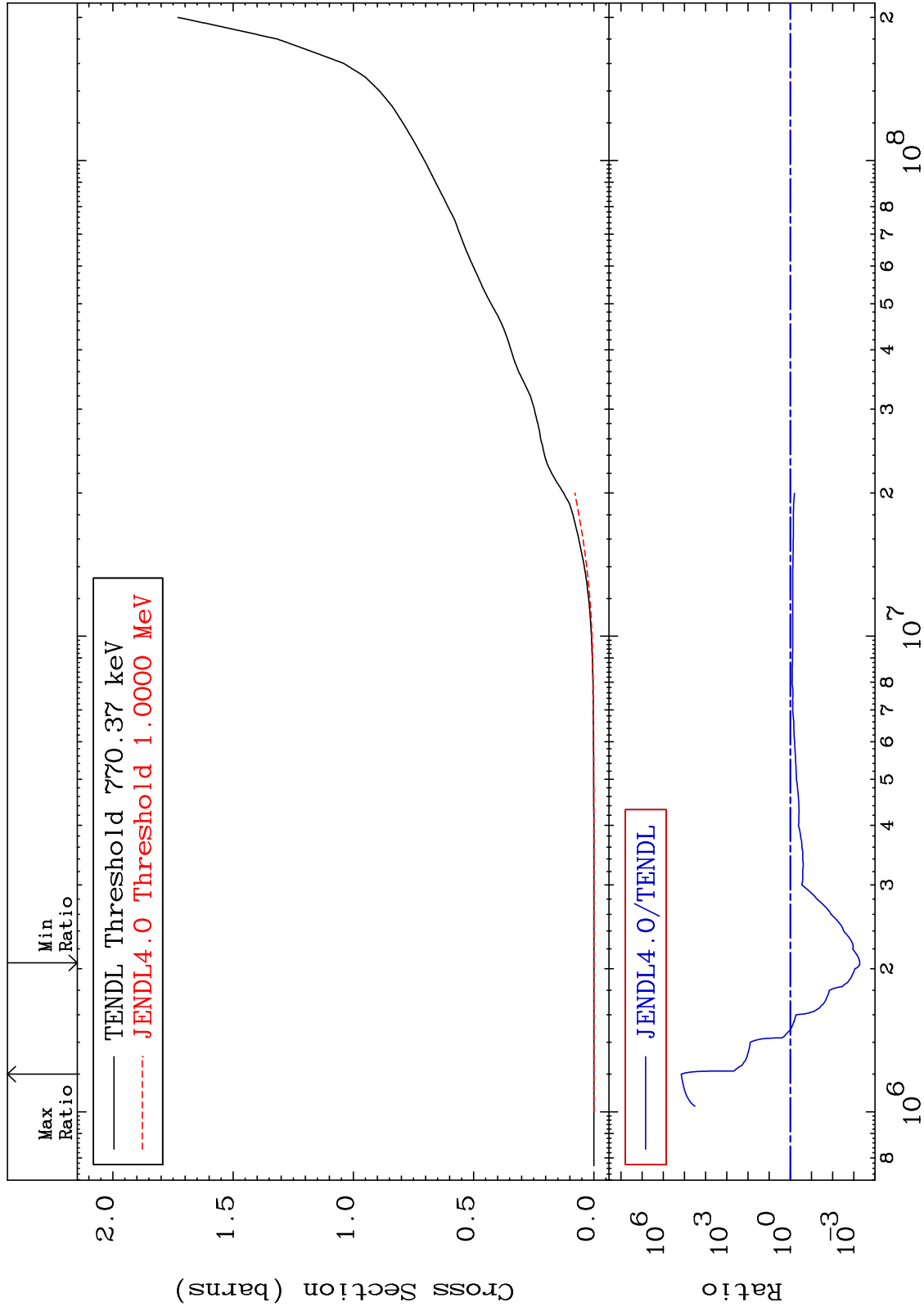
-98.73 To 69.69 %



MAT 4028

Hydrogen Production
Cross Section

40-Zr-91
-99.95 To 9999. %

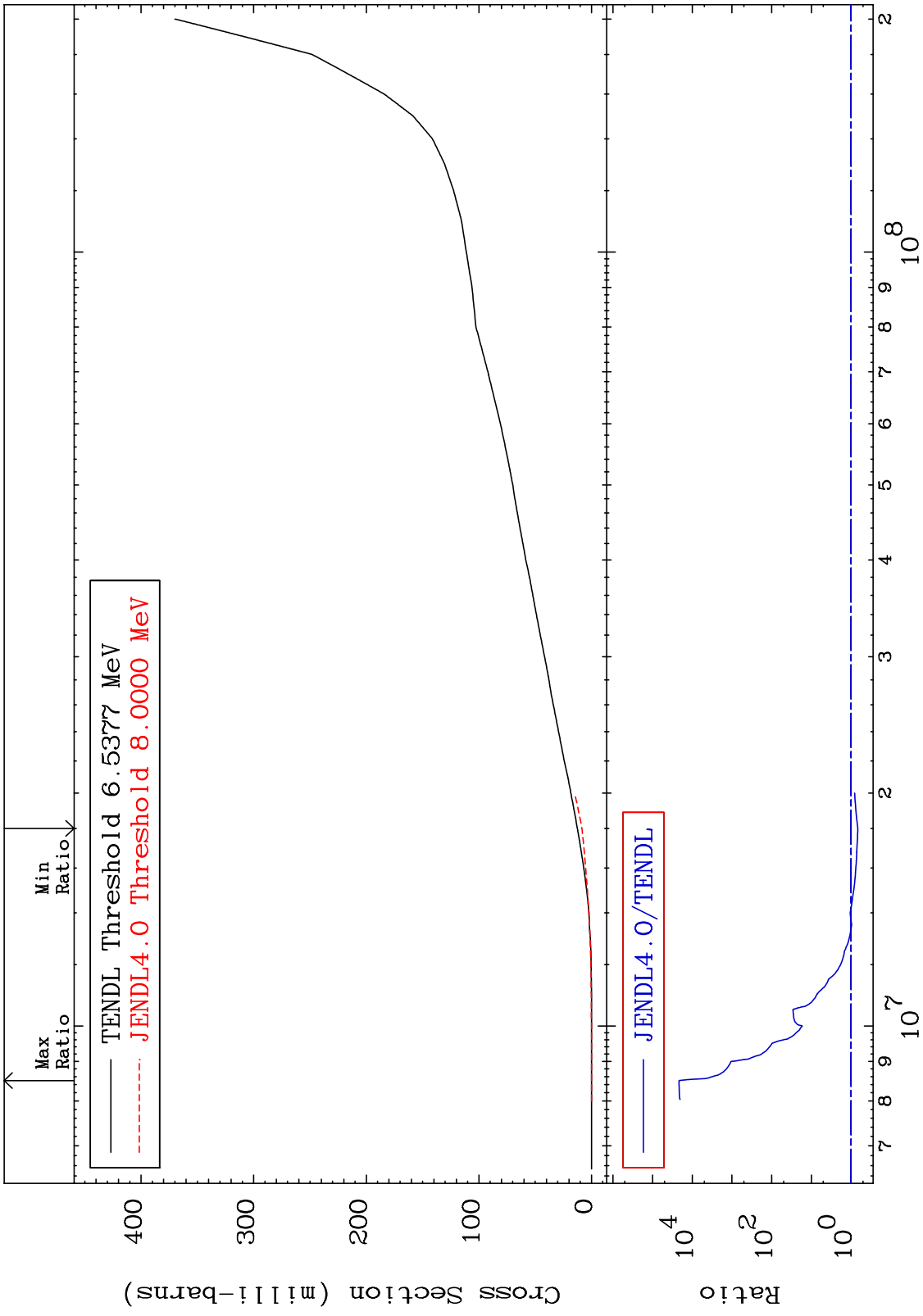


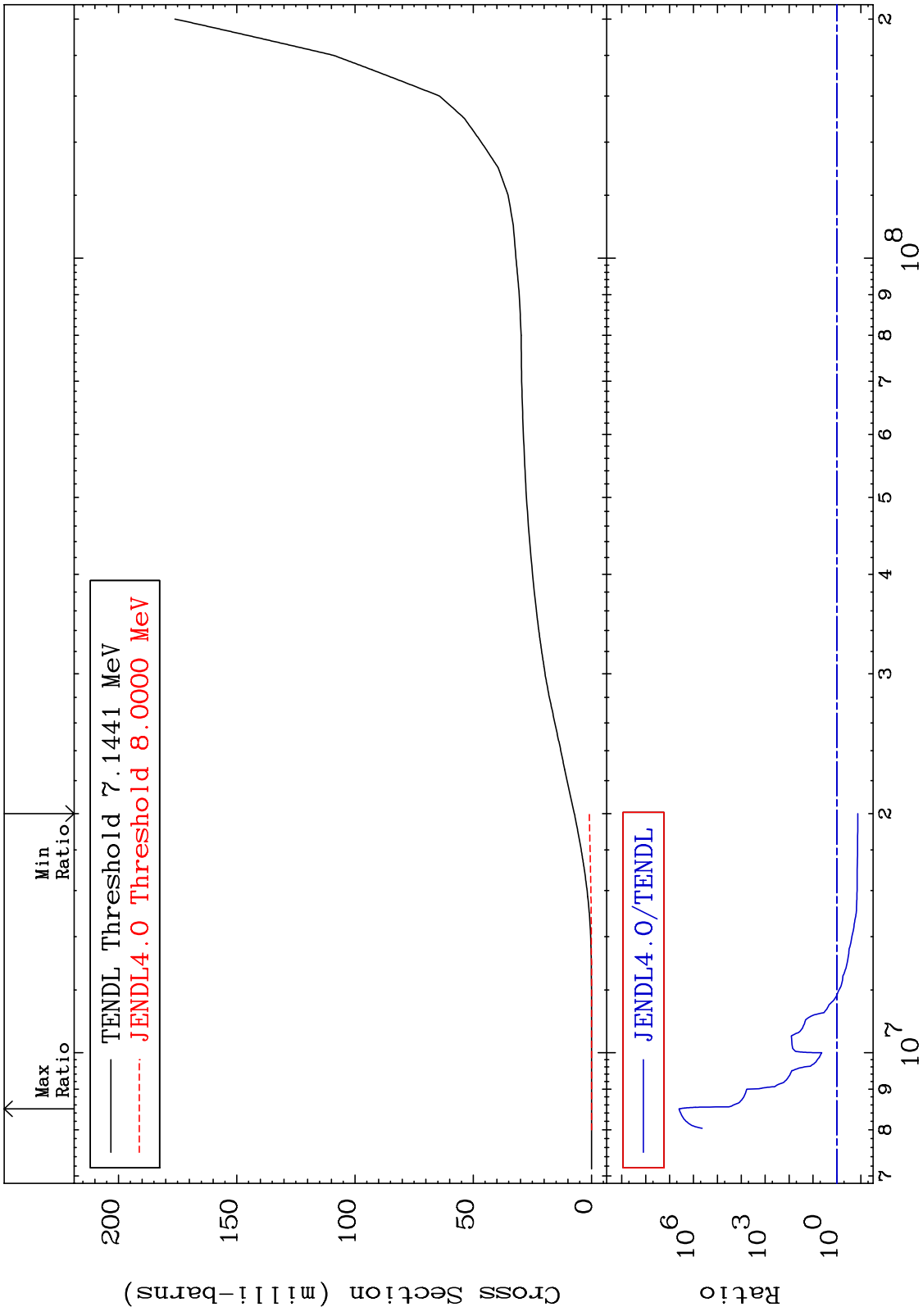
30

Incident Energy (eV)

40-Zr-91

MAT 4028 Deuterium Production Cross Section 40-Zr-91 -32.52 To 9999. %

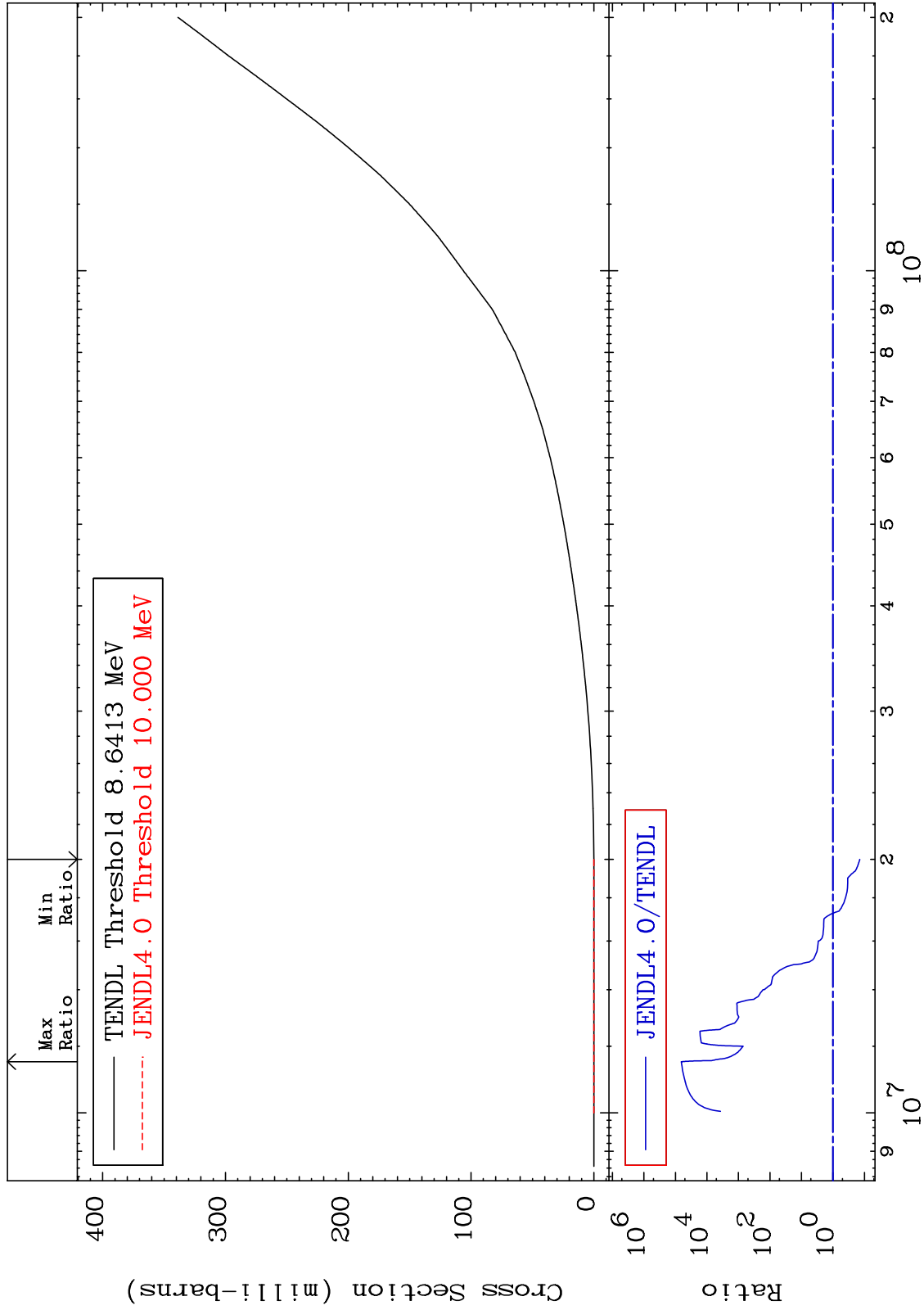




MAT 4028

He-3 Production
Cross Section

40-Zr-91
-85.92 To 9999. %



33

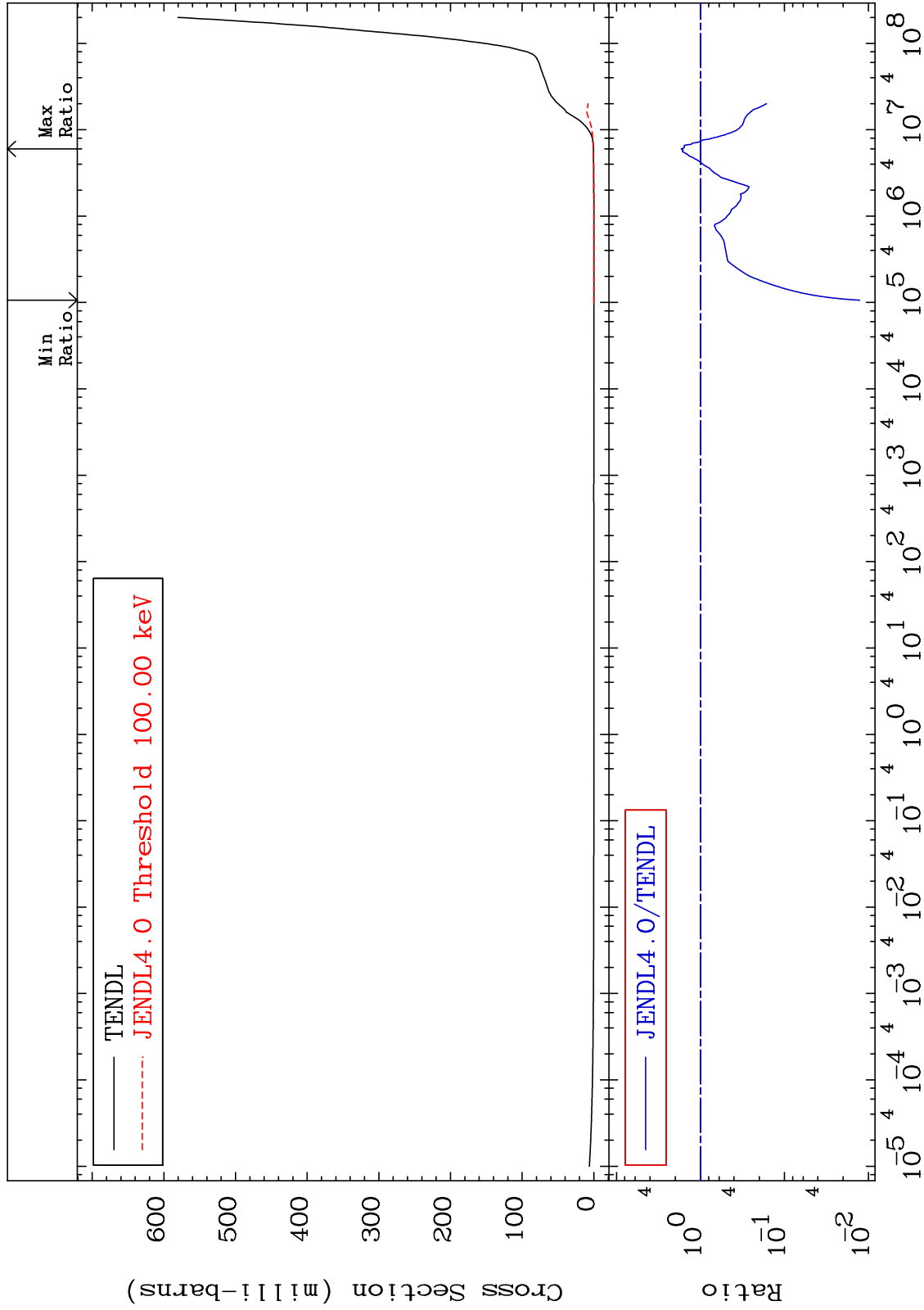
Incident Energy (eV)

40-Zr-91

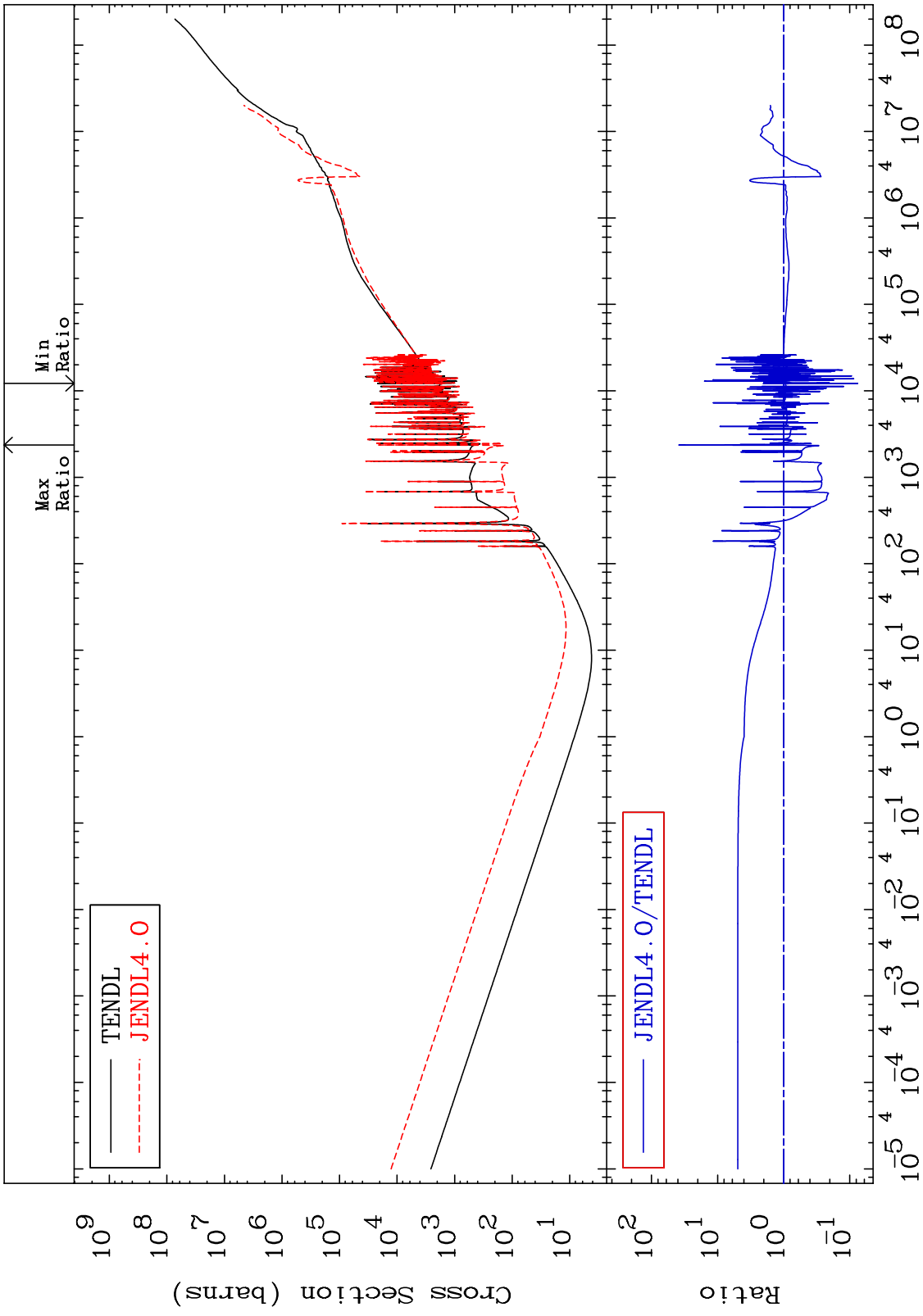
MAT 4028

He-4 Production
Cross Section

40-Zr-91
-98.73 To 69.69 %



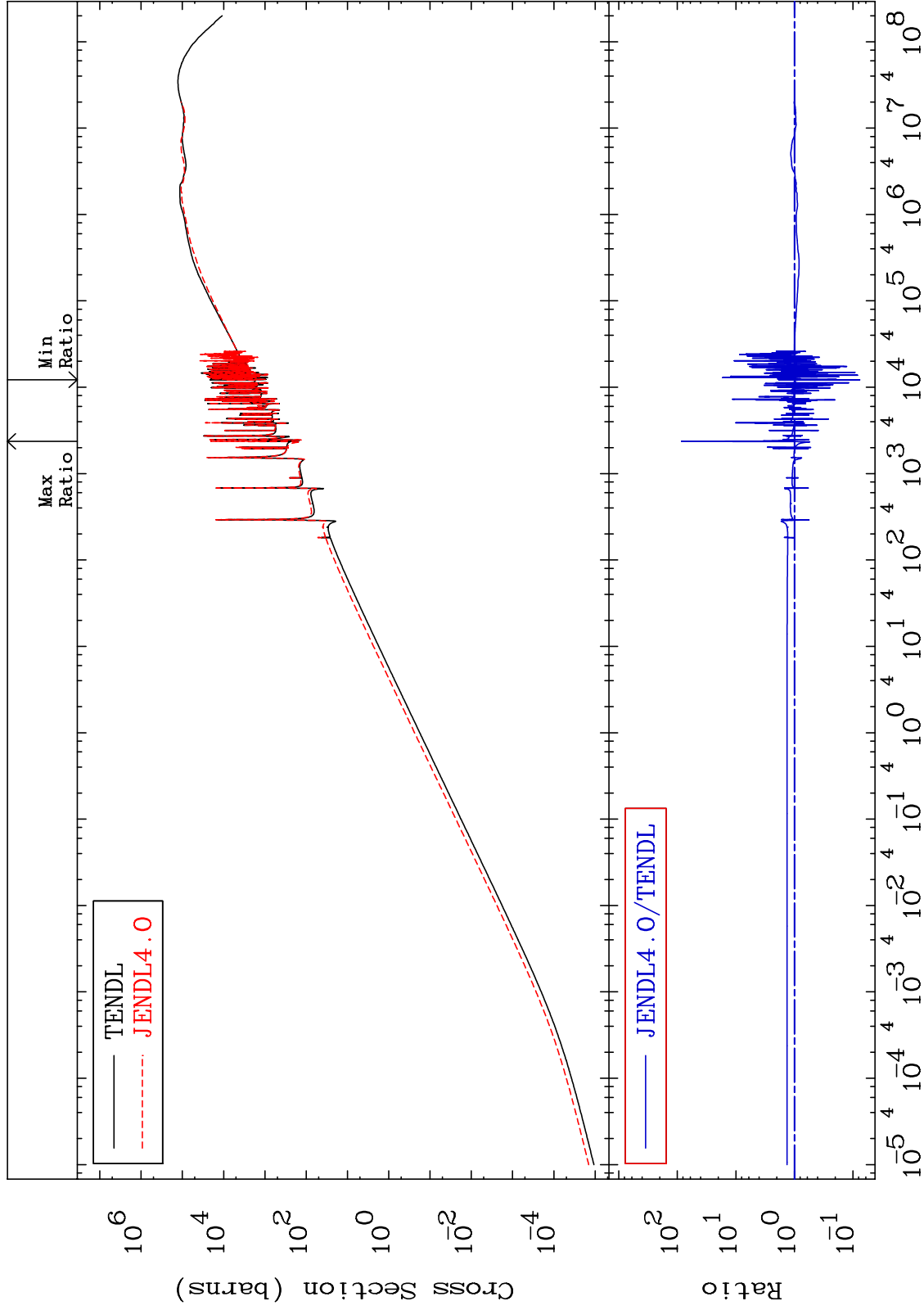
MAT 4028 Kerma total (eV-barns) 40-Zr-91
 Cross Section -92.46 To 3734. %



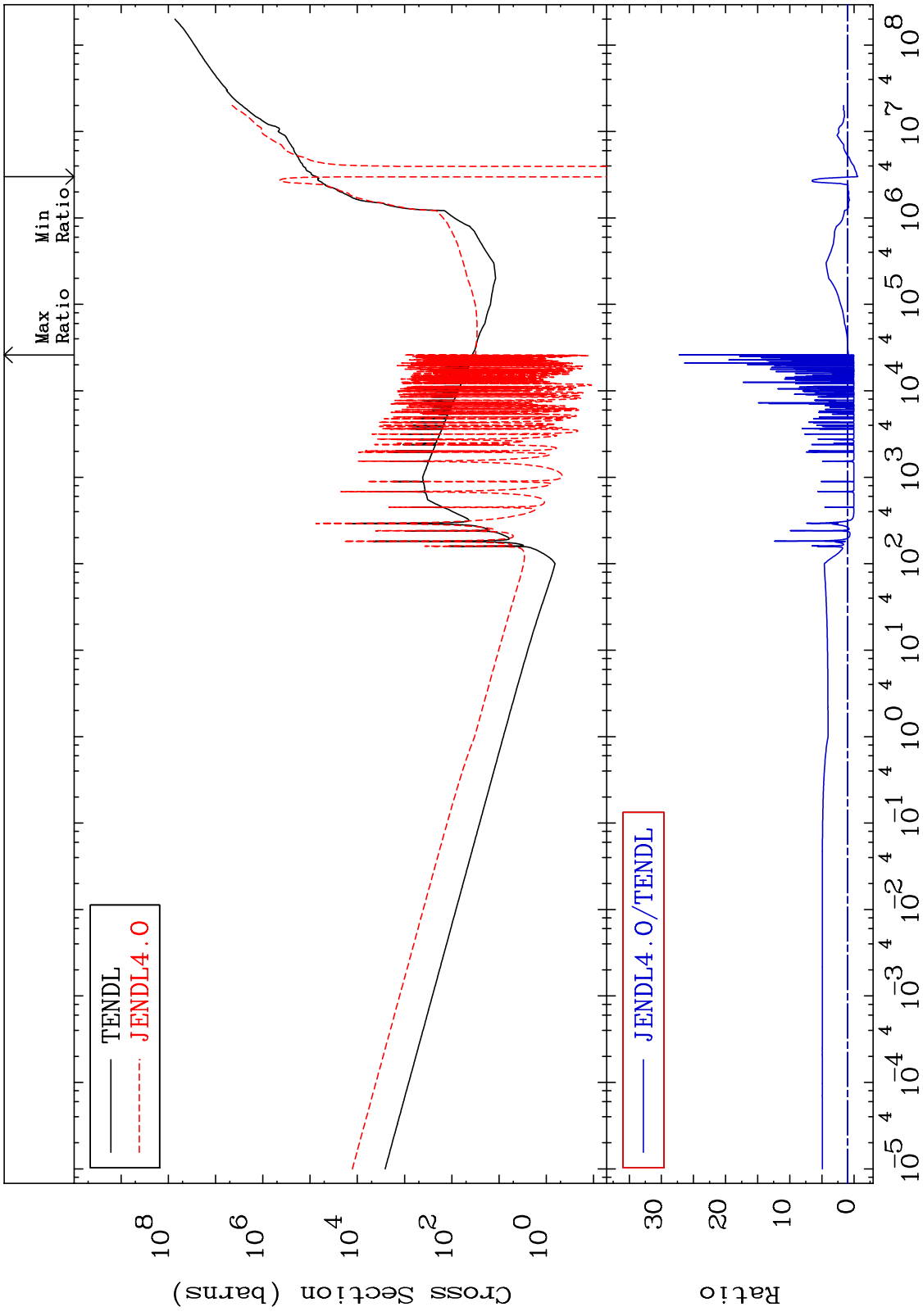
MAT 4028

Kerma elastic
Cross Section

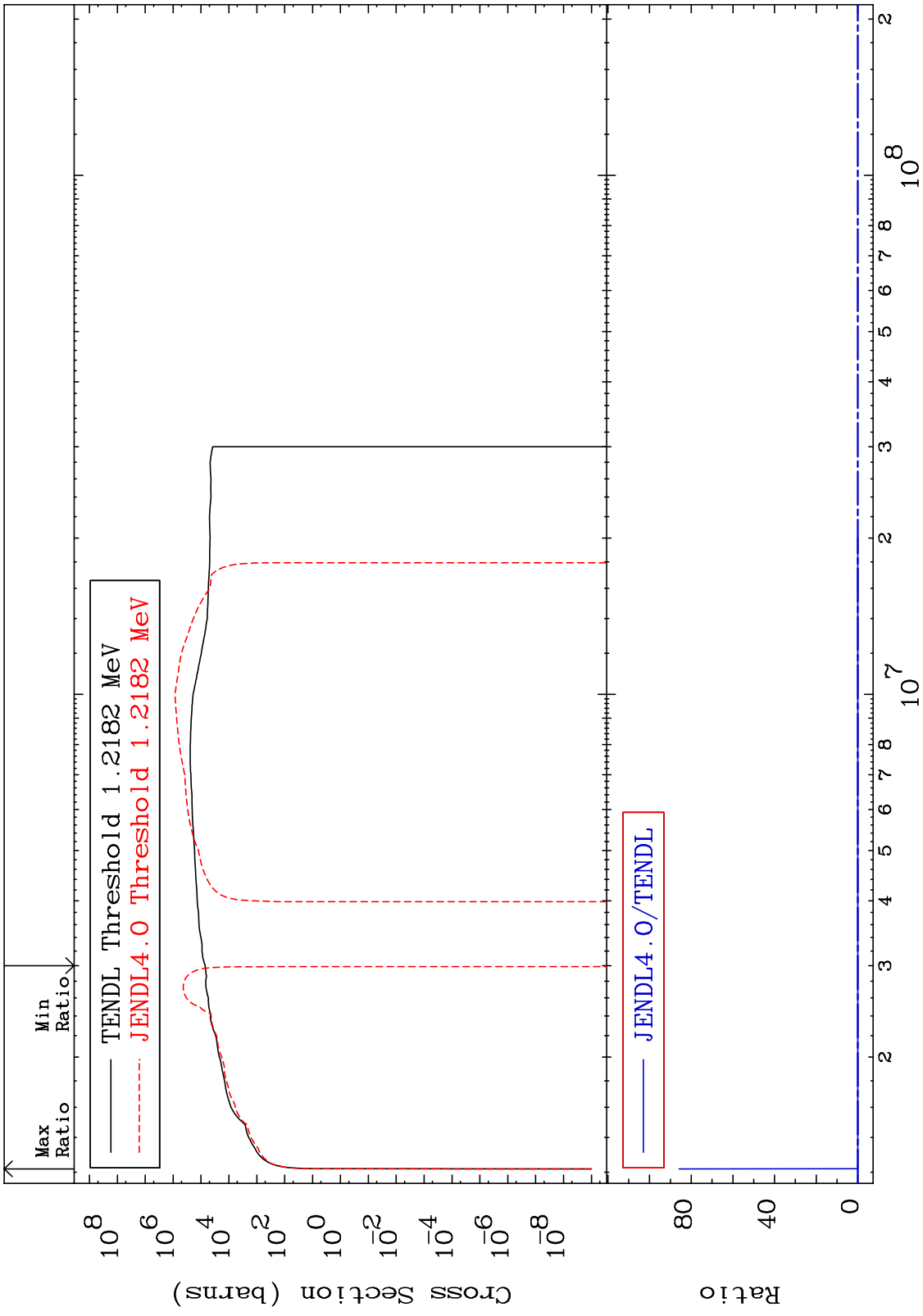
40-Zr-91
-92.37 To 8475. %



MAT 4028 Kerma non-elastic (all but mt2) Cross Section 40-Zr-91
 -160.3 To 2625. %



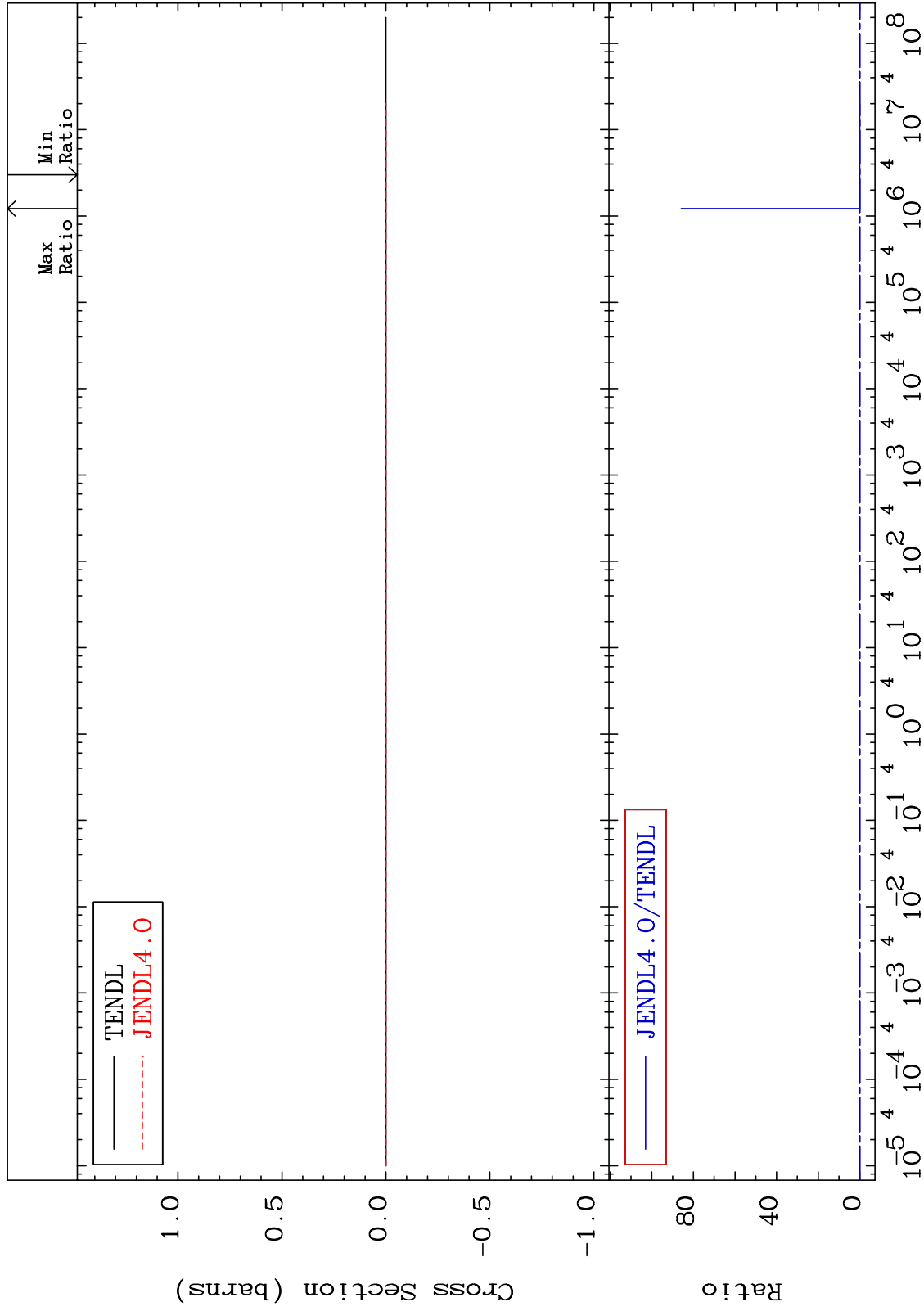
MAT 4028 Kerma inelastic (mt51-91) 40-Zr-91
 Cross Section -163.6 To 9999. %



MAT 4028

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

40-Zr-91
-163.6 To 9999. %



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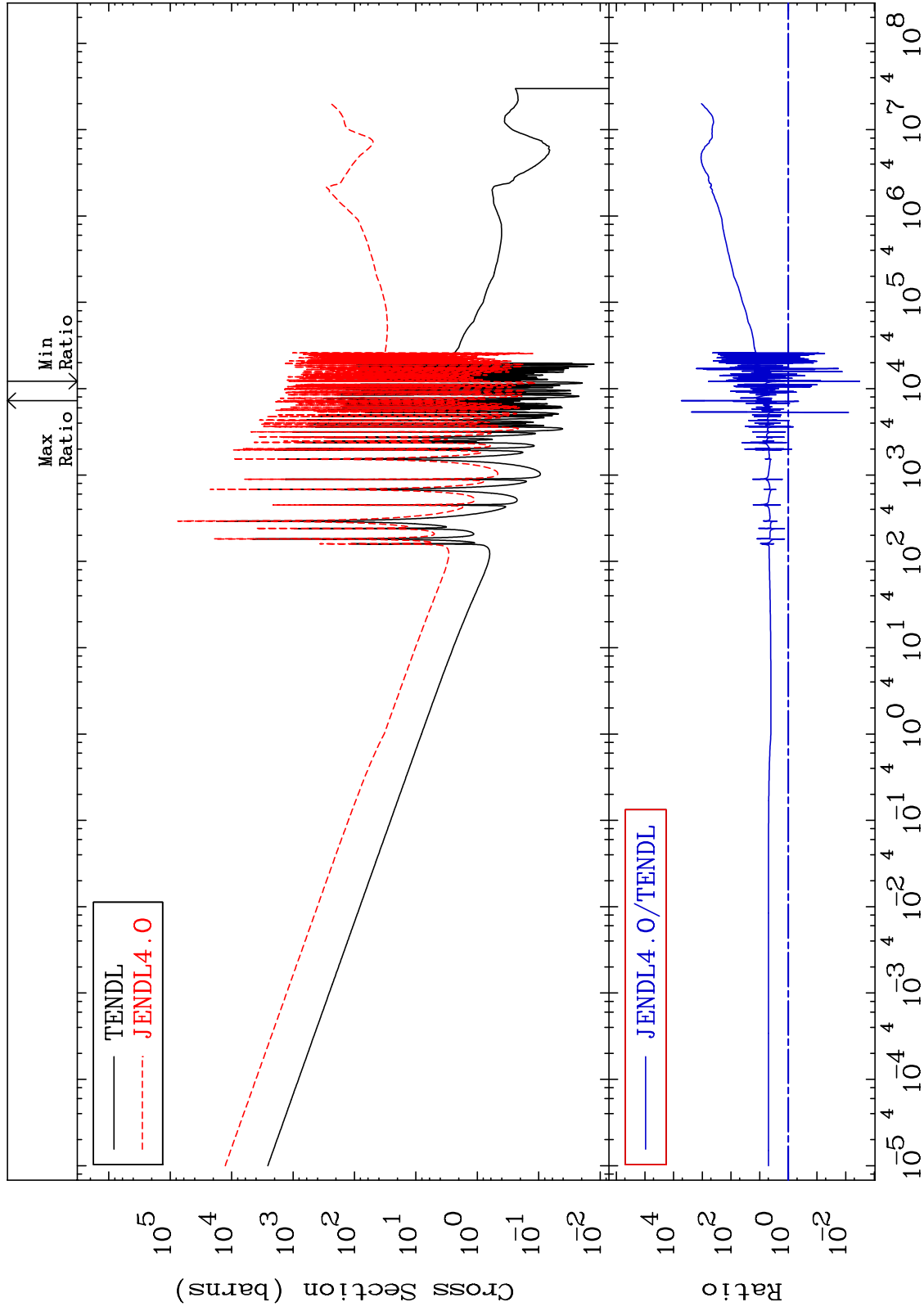
Incident Energy (eV)

40-Zr-91

MAT 4028

Kerma capture (mt102)
Cross Section

40-Zr-91
-99.68 To 9999. %



40

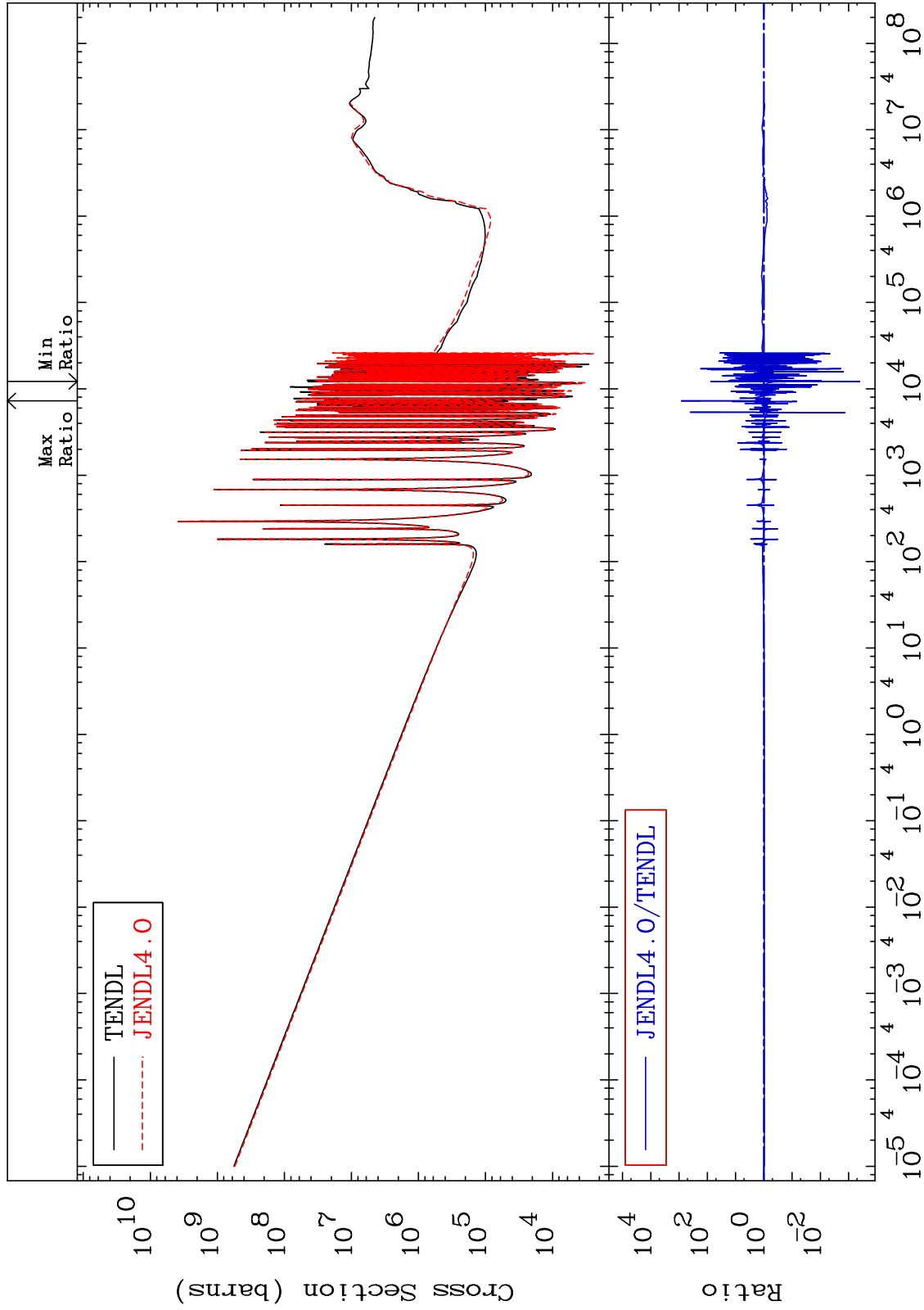
Incident Energy (eV)

40-Zr-91

MAT 4028

Total photon (eV-barns)
Cross Section

40-Zr-91
-99.96 To 9999. %

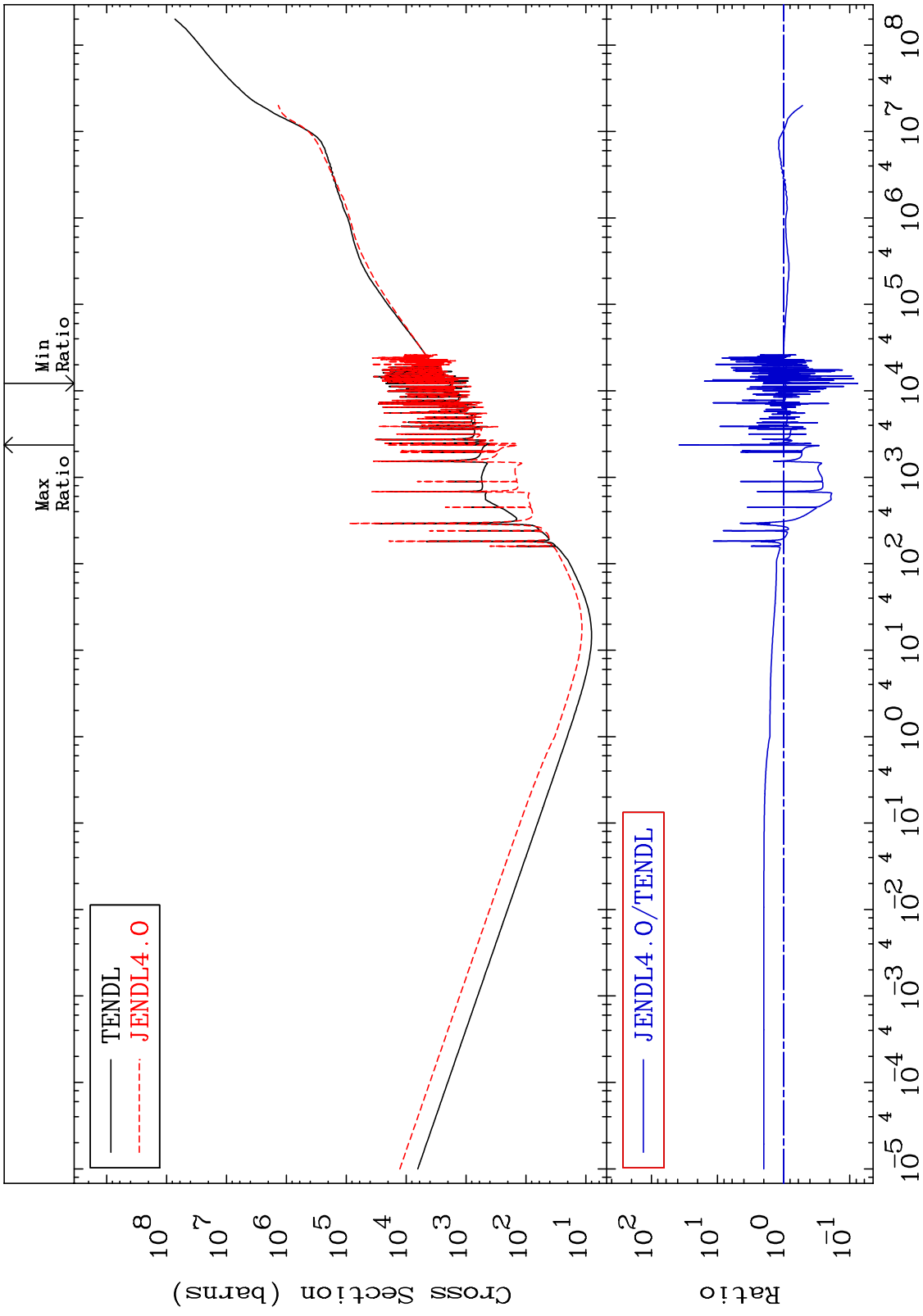


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Incident Energy (eV)

40-Zr-91

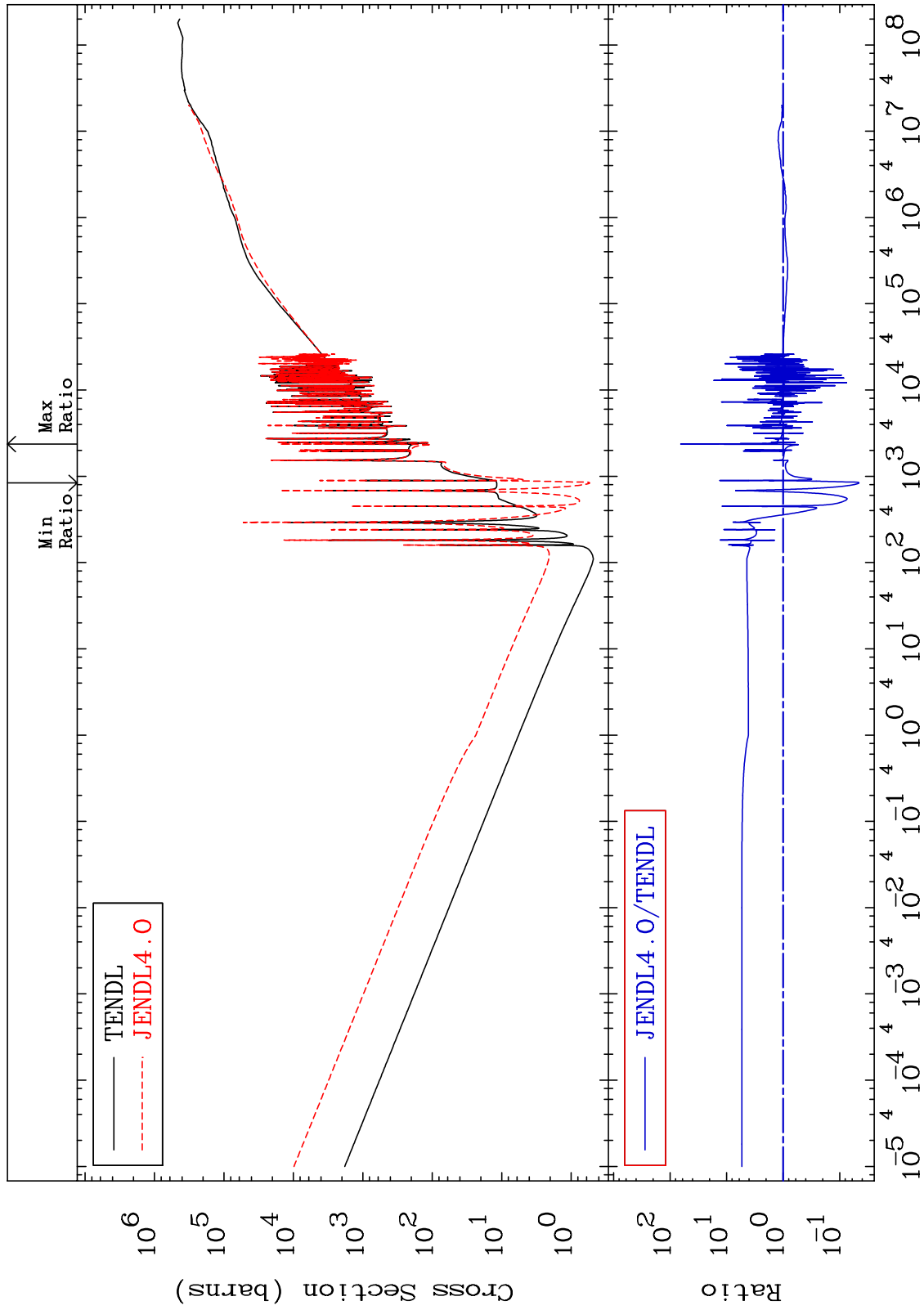
MAT 4028 Total kinematic kerma (high limit) 40-Zr-91
 Cross Section -92.46 To 3720. %

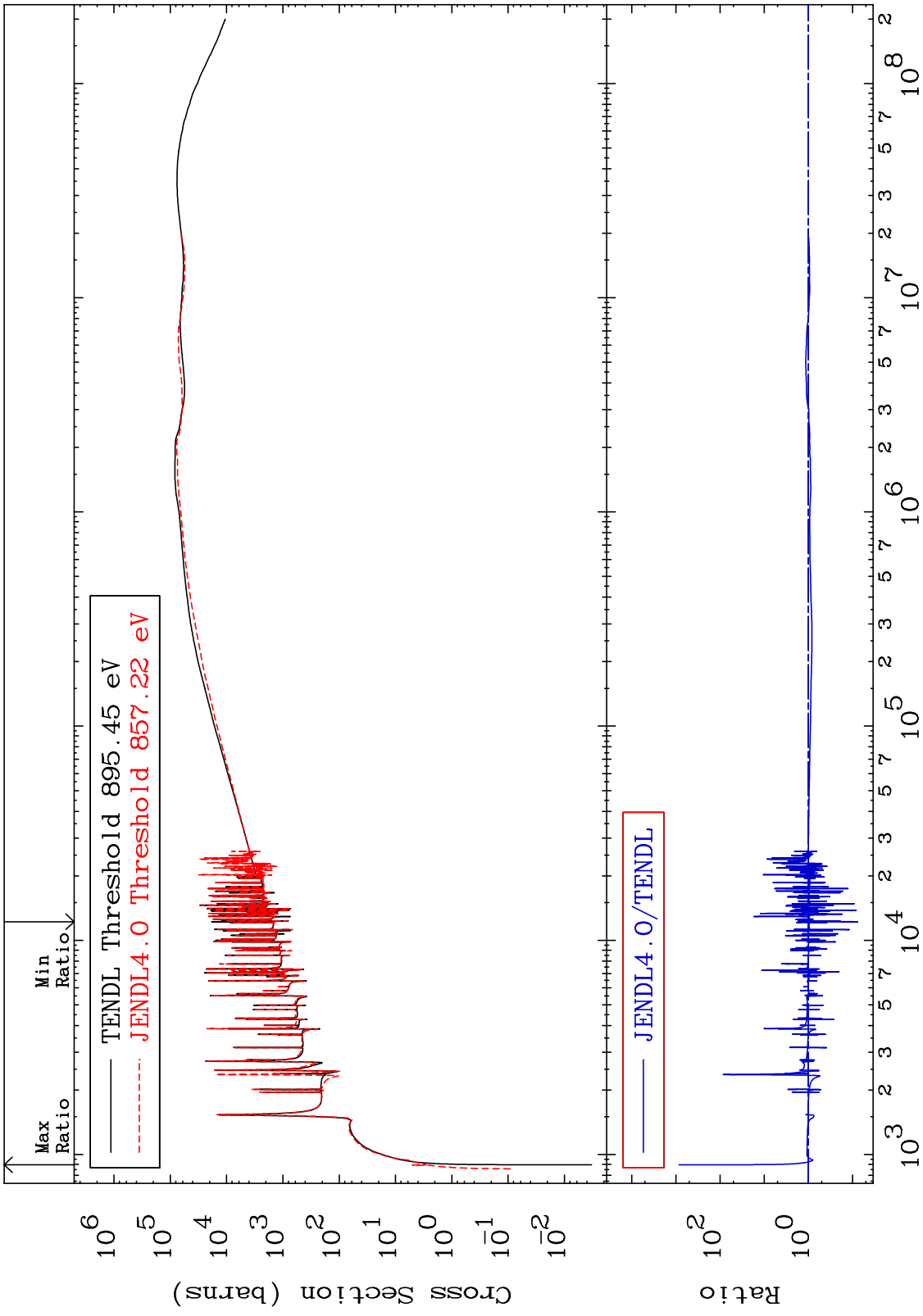


MAT 4028

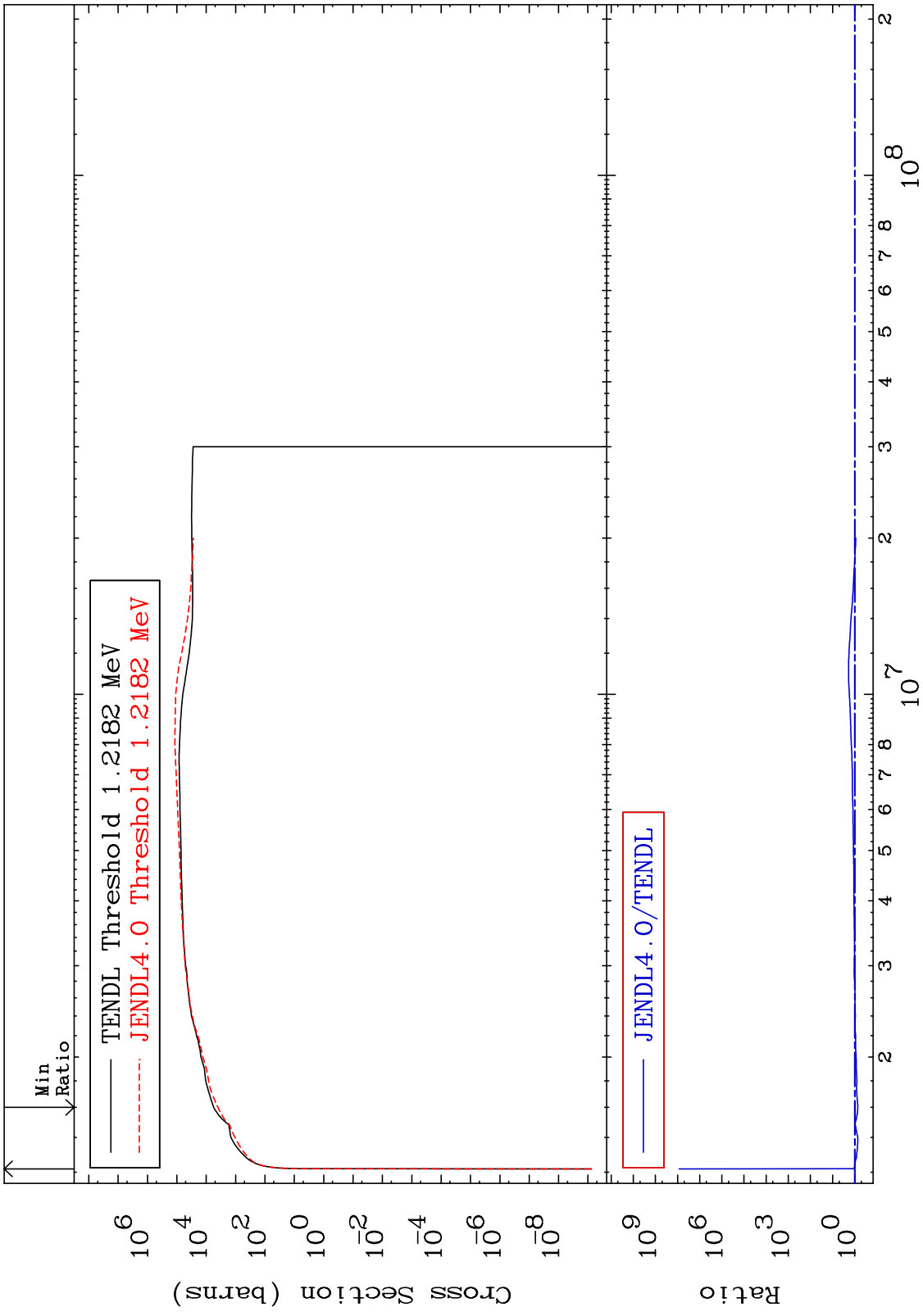
Dpa total (eV-barns)
Cross Section

40-Zr-91
-95.44 To 6403. %

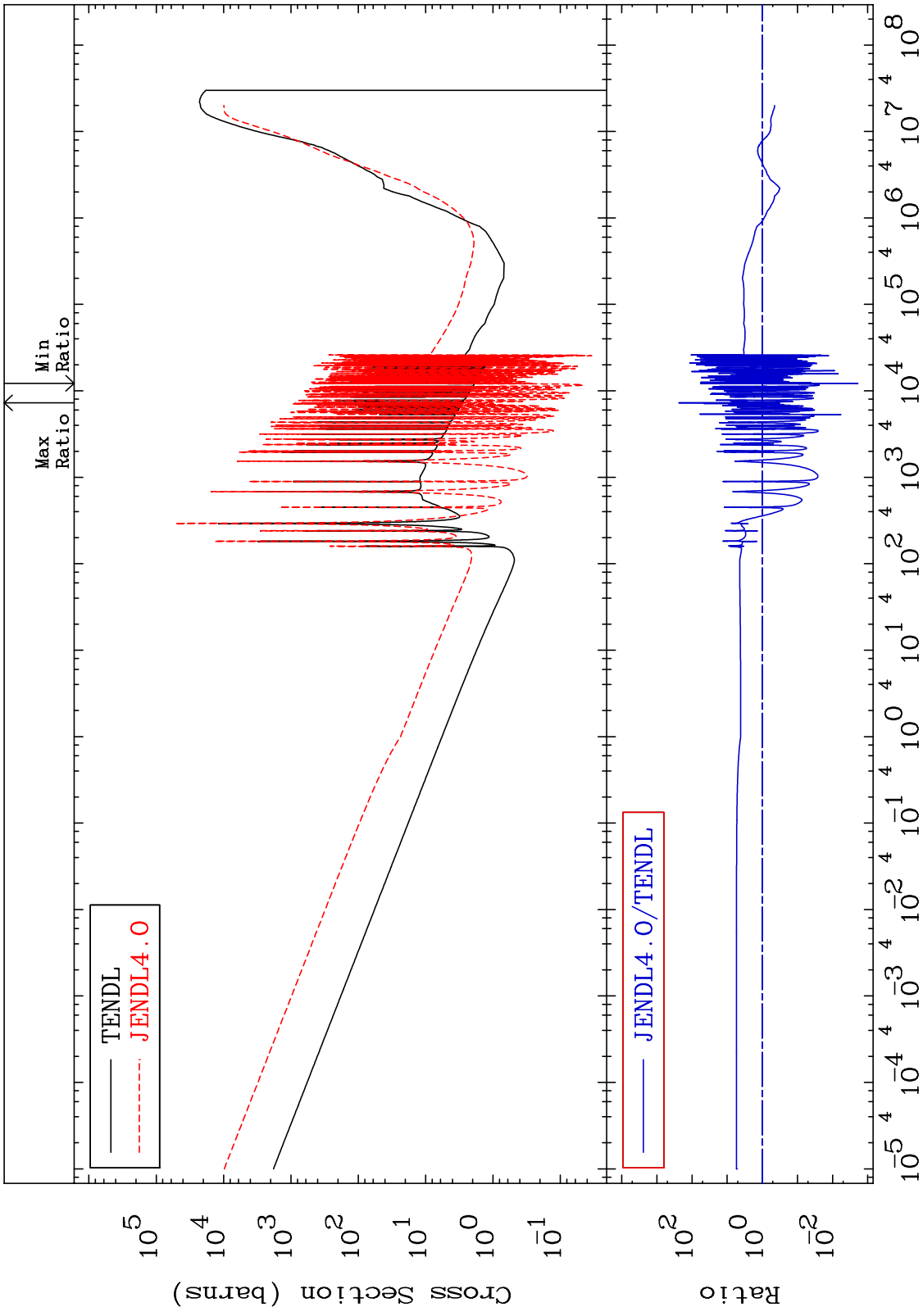




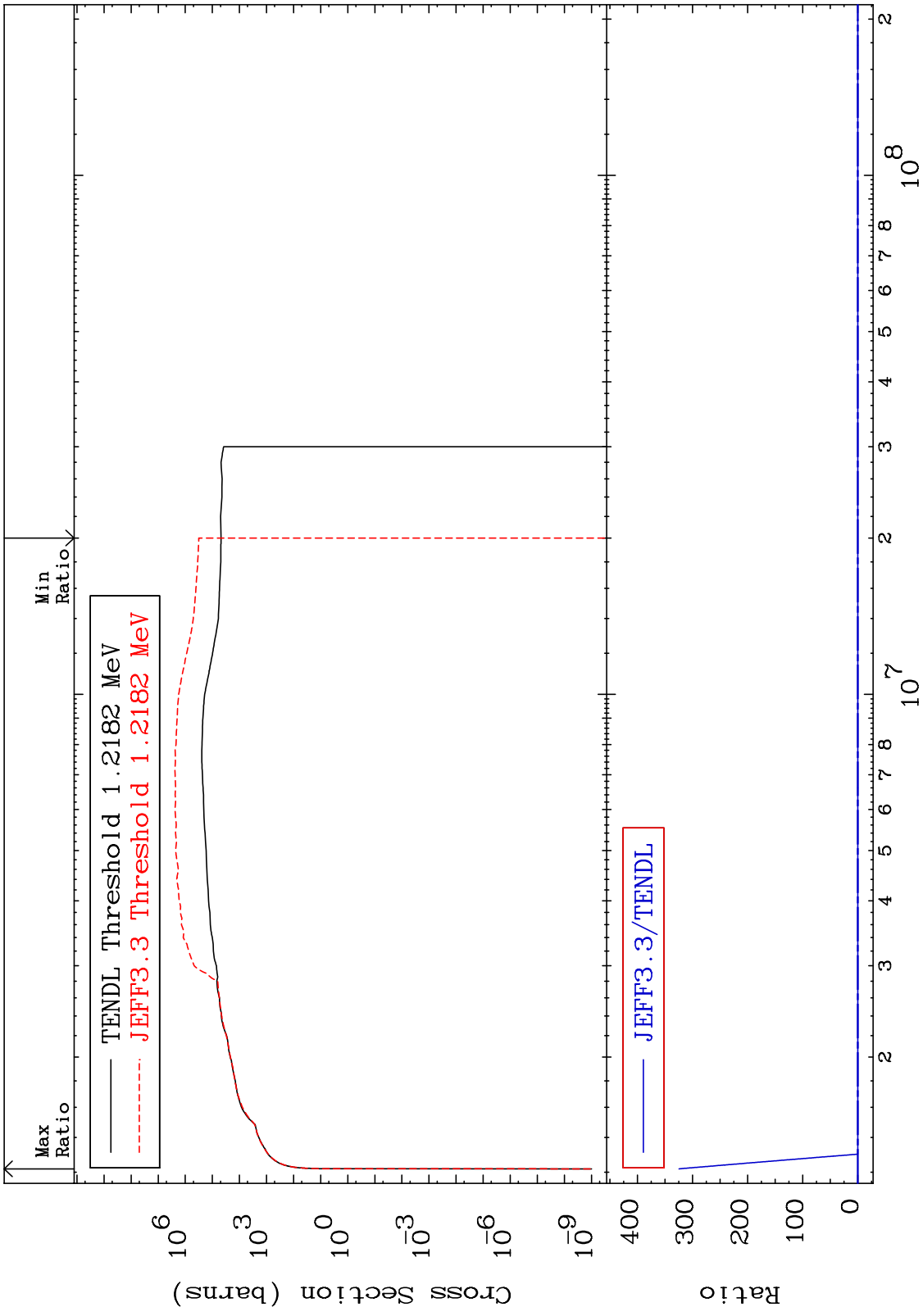
MAT 4028 Dpa inelastic (mt51-91) 40-Zr-91
 Cross Section -27.93 To 9999. %



MAT 4028 Dpa disappearance (mt102 -120) 40-Zr-91
 Cross Section -99.81 To 9999. %



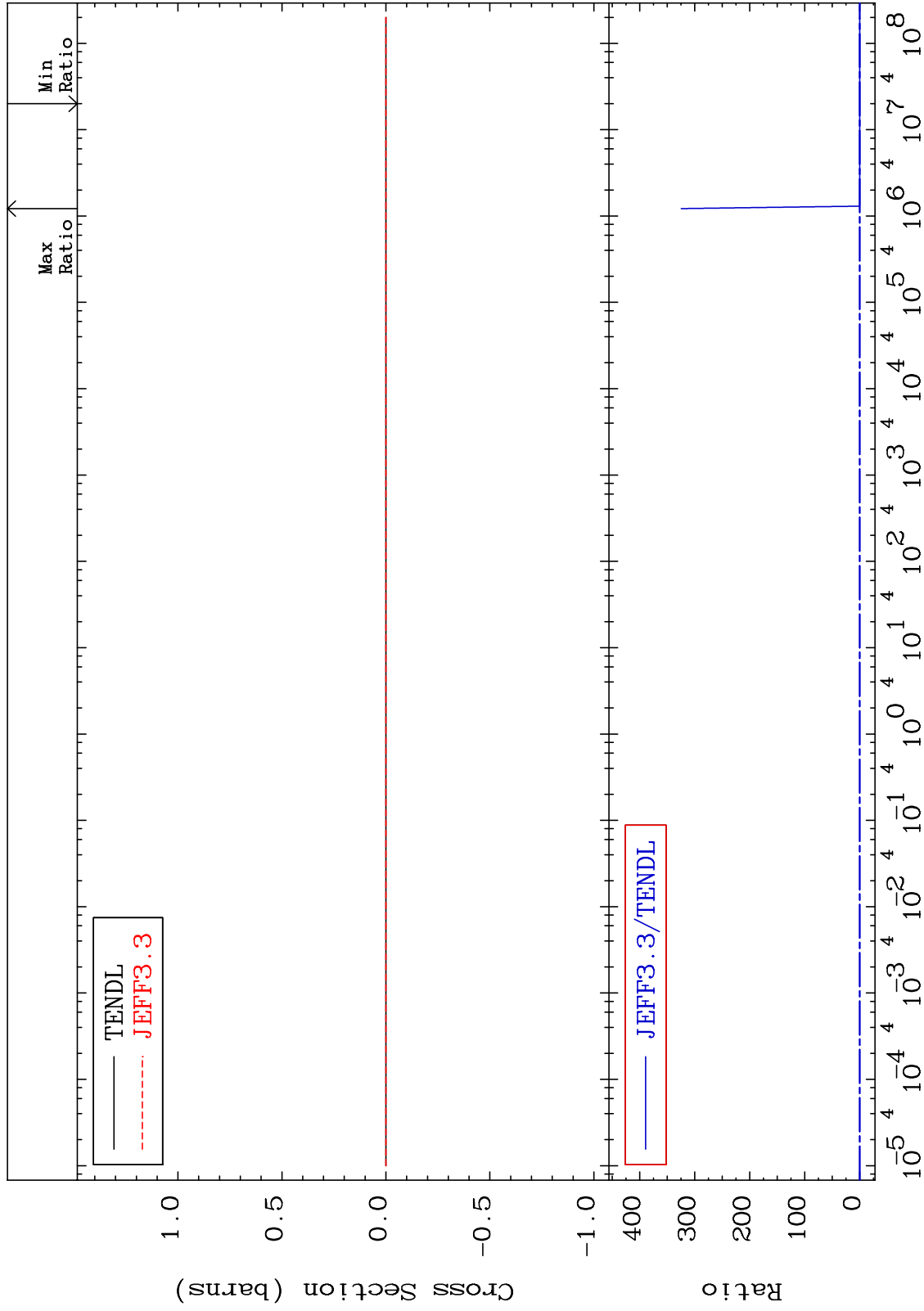
MAT 4028 Kerma inelastic (mt51-91) 40-Zr-91
 -100.0 To 9999. %



MAT 4028

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

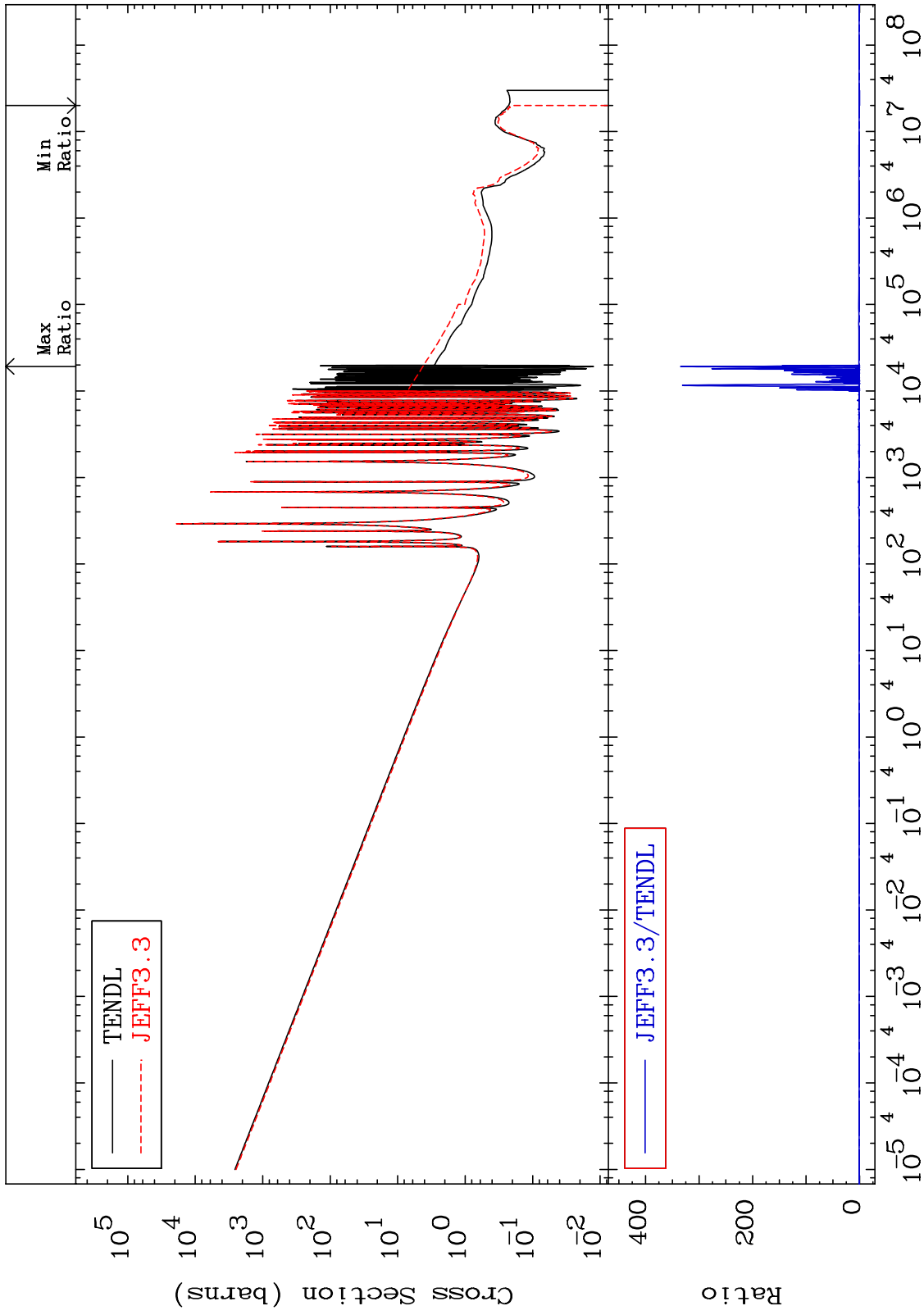
40-Zr-91
-100.0 To 9999. %



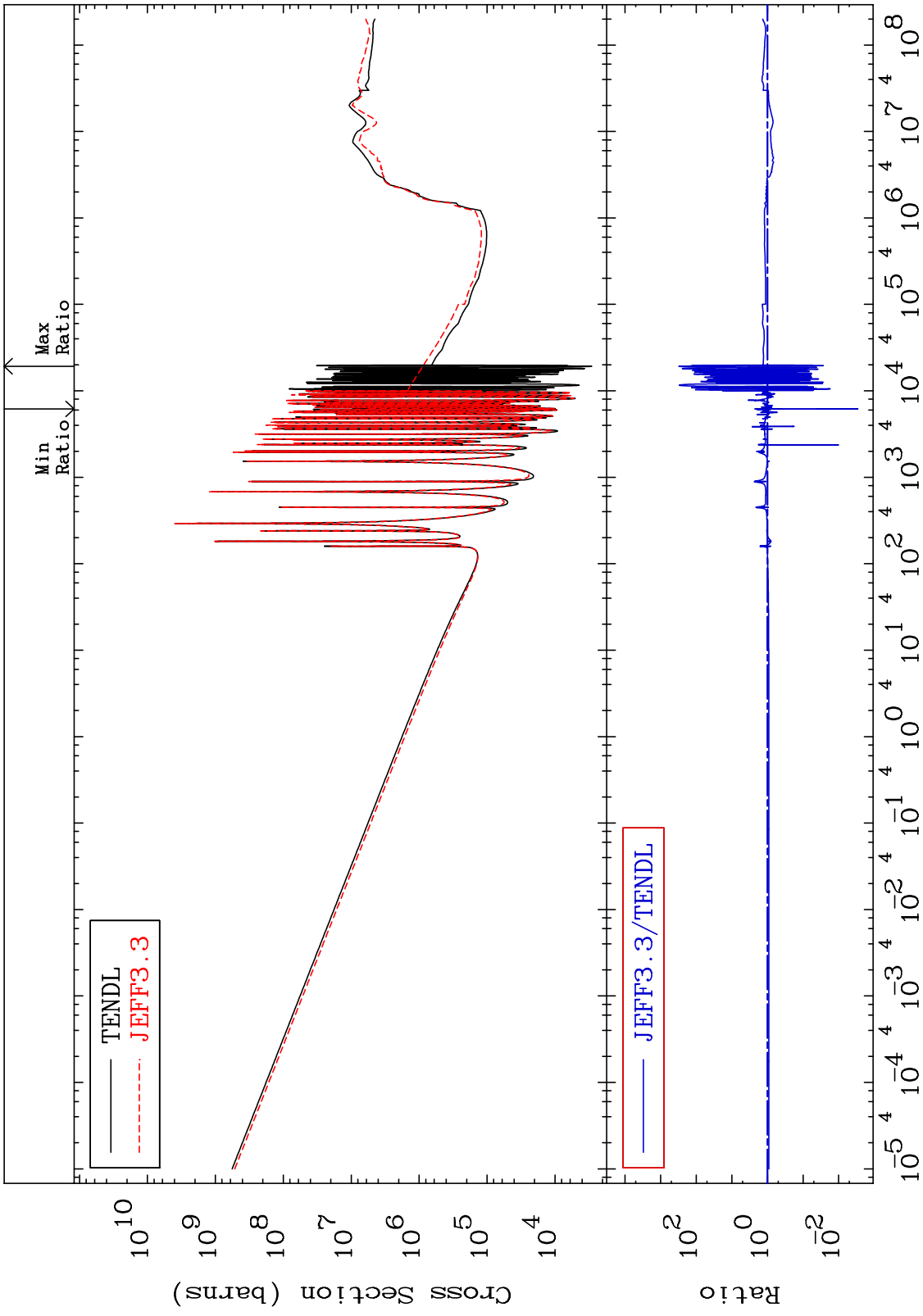
MAT 4028

Kerma capture (mt102)
Cross Section

40-Zr-91
-100.0 To 9999. %

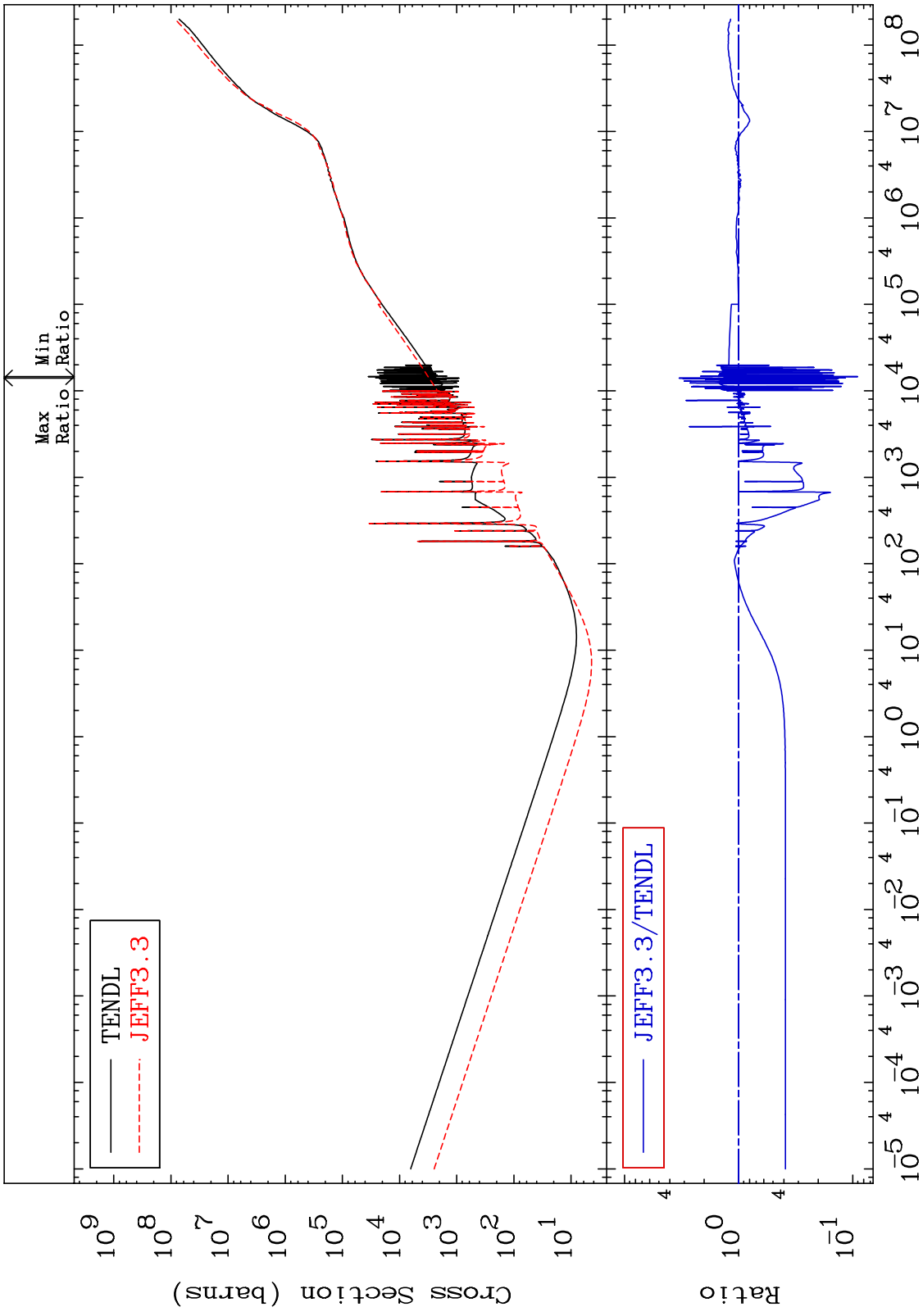


MAT 4028 40-Zr-91
 Total photon (eV-barns)
 Cross Section -99.71 To 9999. %

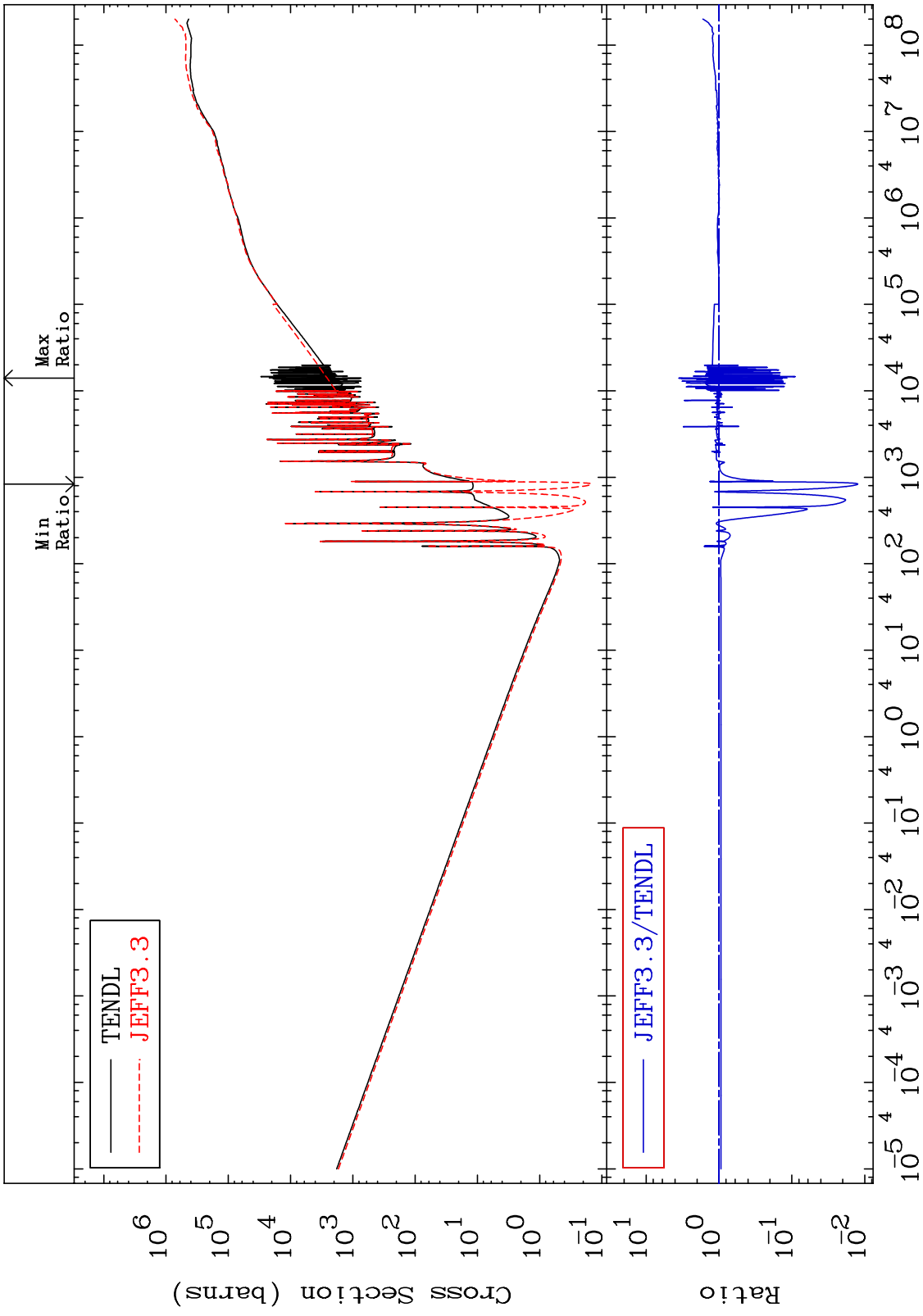


50 40-Zr-91

MAT 4028 Total kinematic kerma (high limit) 40-Zr-91
 Cross Section -90.99 To 232.4 %

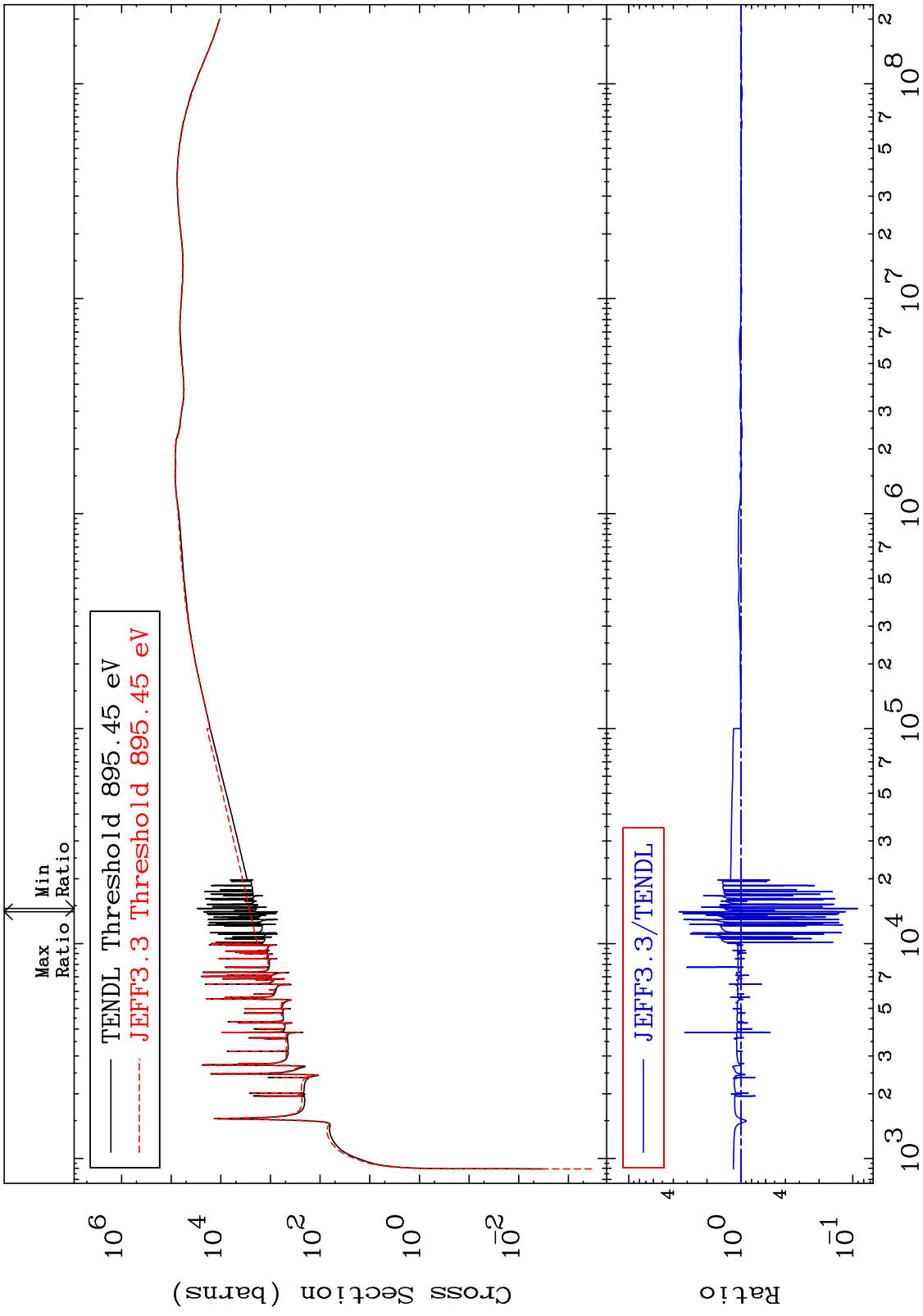


MAT 4028 Dpa total (eV-barns) 40-Zr-91
 Cross Section -98.76 To 253.5 %

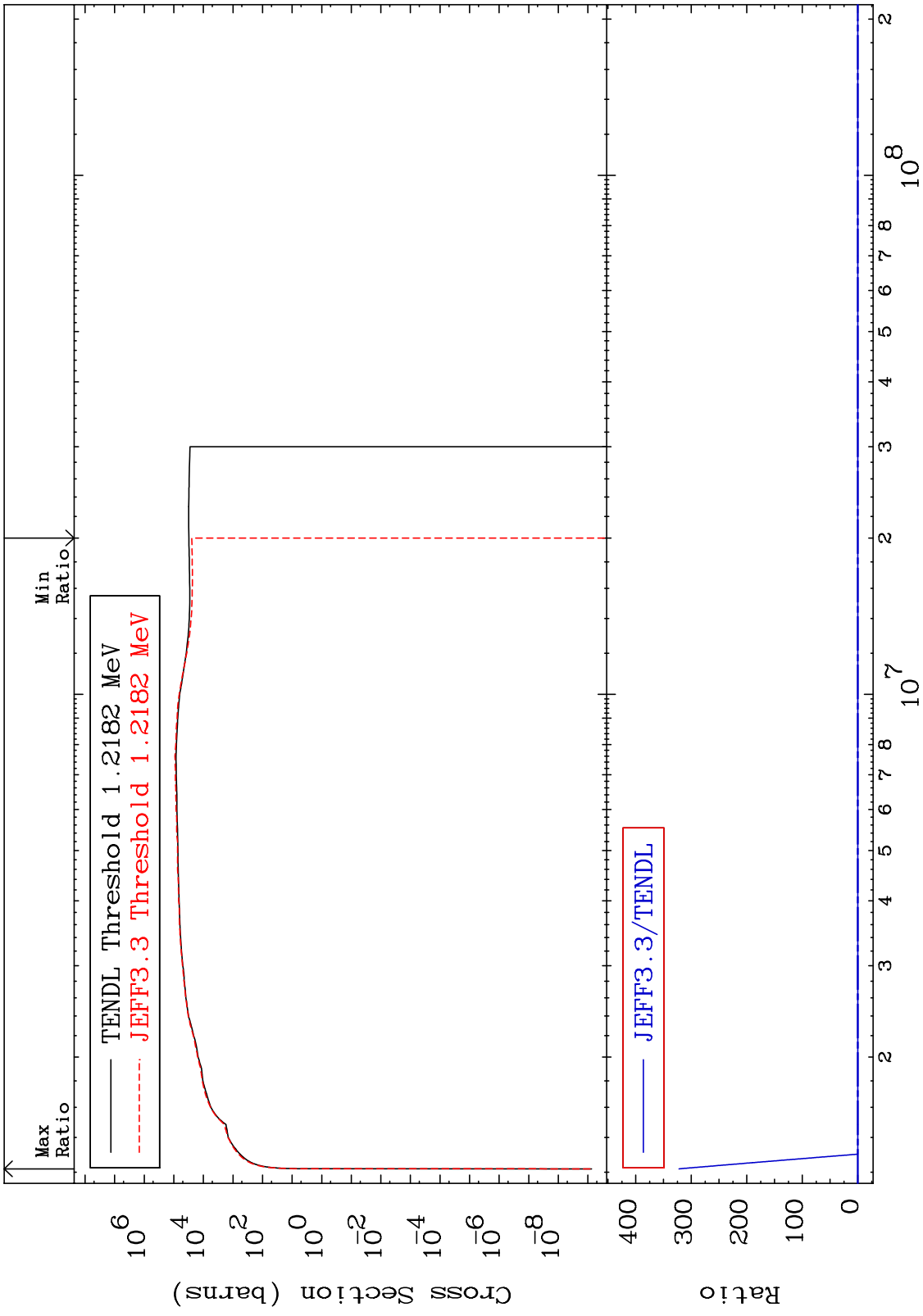


Incident Energy (eV) 40-Zr-91

MAT 4028 40-Zr-91
 Dpa elastic (mt2) -90.97 To 255.0 %
 Cross Section



MAT 4028 Dpa inelastic (mt51-91) 40-Zr-91
 Cross Section -100.0 To 9999. %



MAT 4028

Dpa disappearance (mt102 -120)
Cross Section

40-Zr-91
-100.0 To 363.2 %

