

Program Complot
(Version 2018-1)

by

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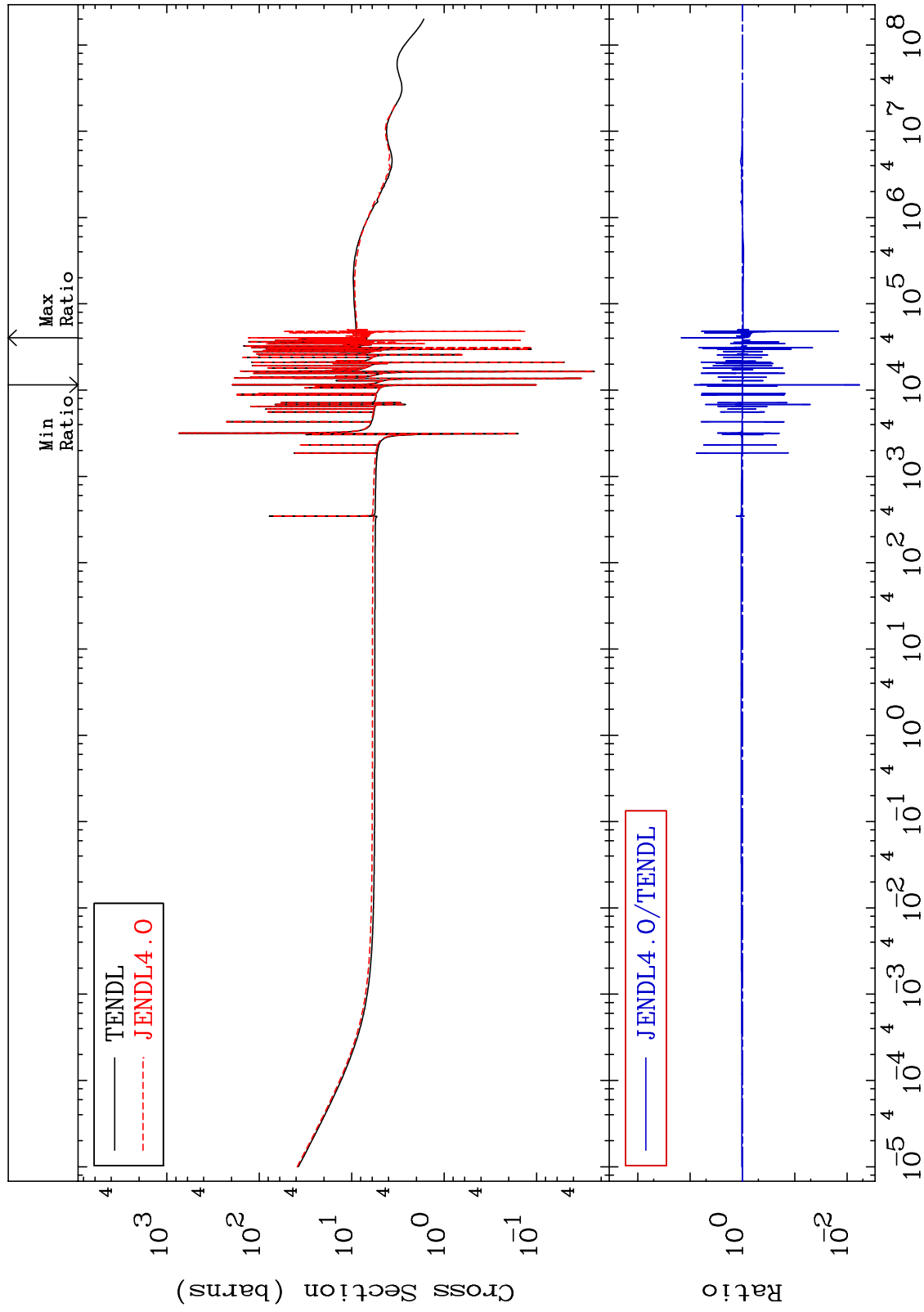
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4225

Total
Cross Section

42-Mo-92
-99.43 To 1369. %

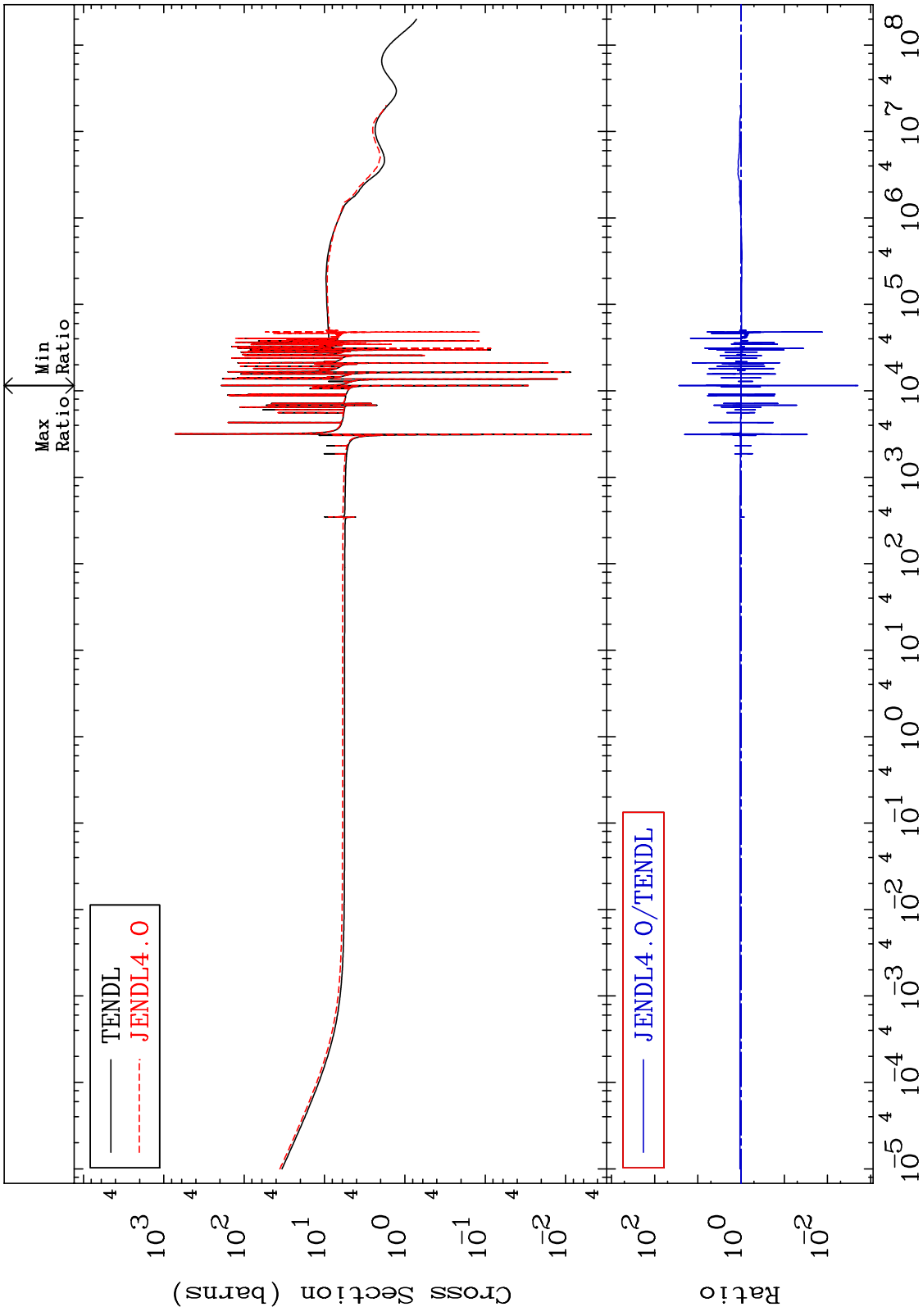


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Incident Energy (eV)

42-Mo-92

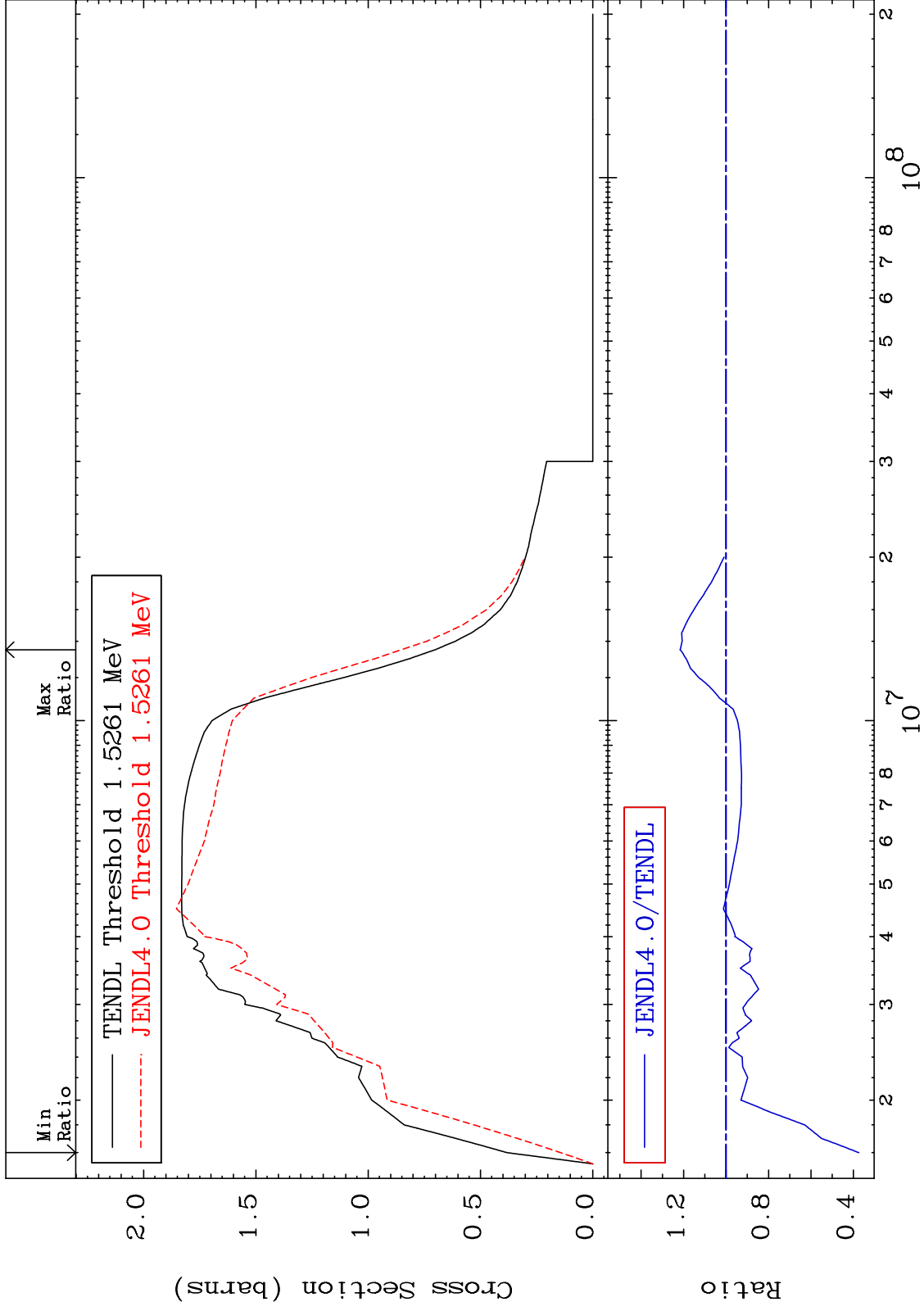
MAT 4225 Elastic Cross Section 42-Mo-92 -99.80 To 2622. %



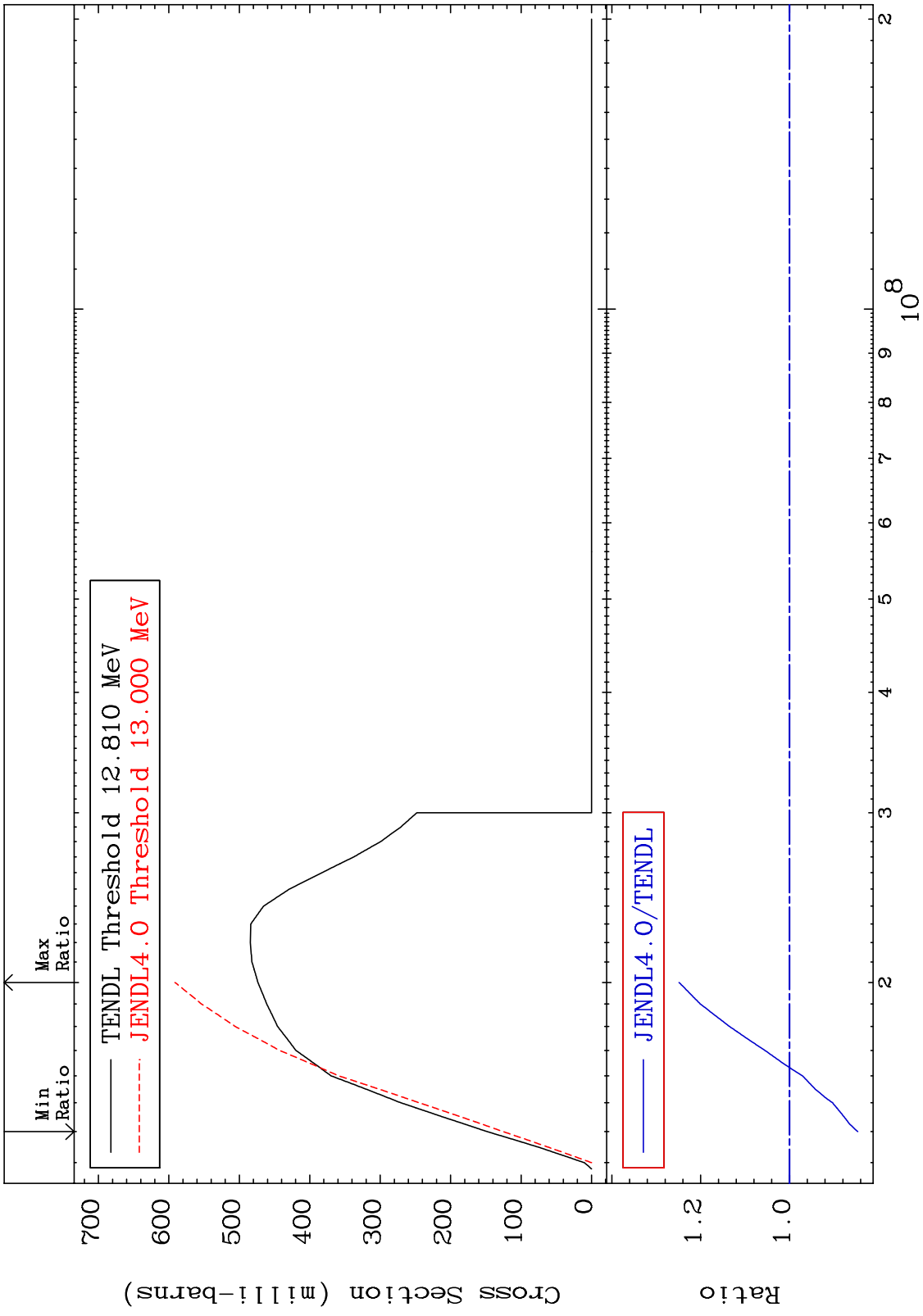
MAT 4225

Inelastic
Cross Section

42-Mo-92
-62.55 To 21.60 %



MAT 4225 (n,2n) Cross Section 42-Mo-92
 -15.38 To 24.87 %



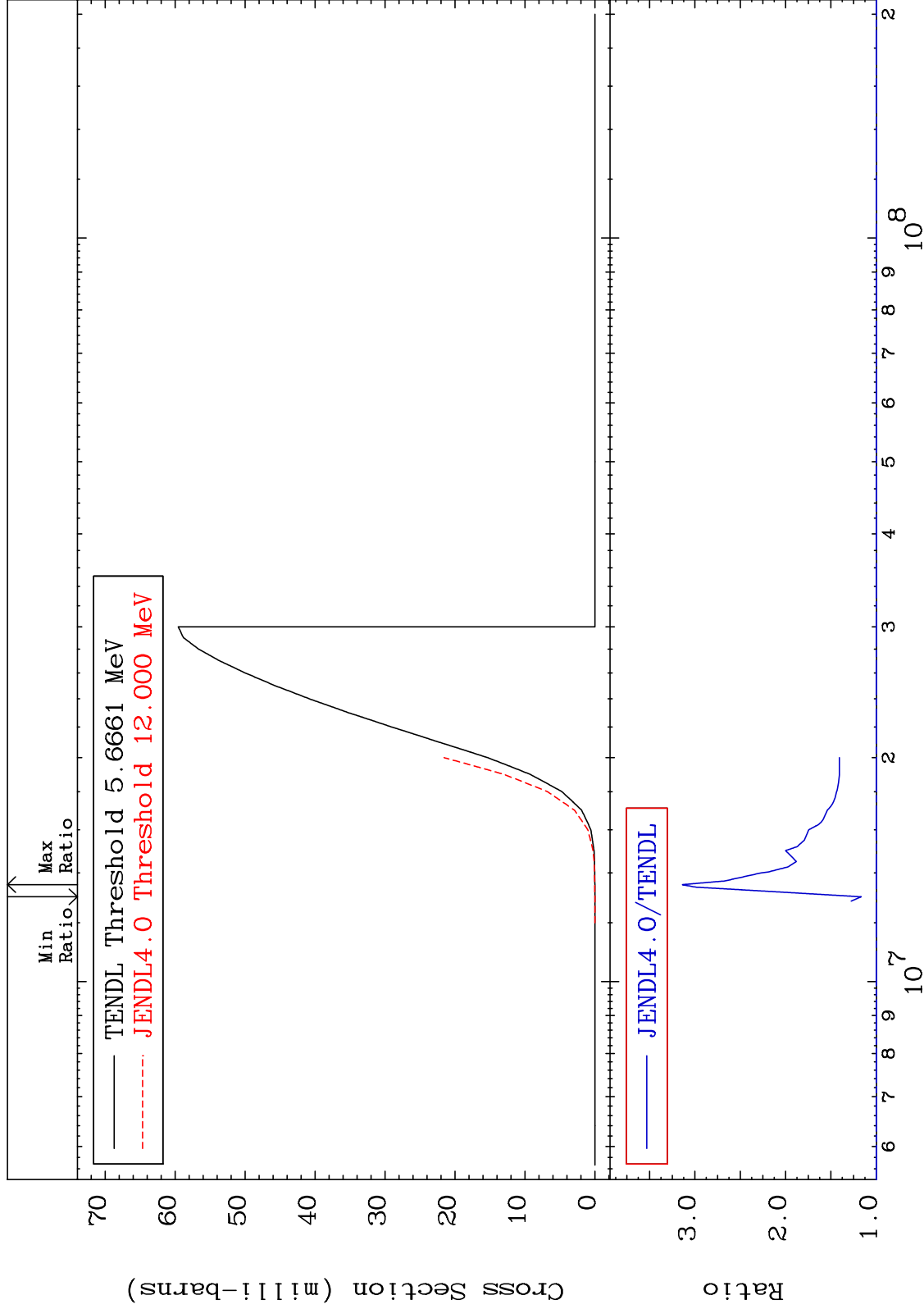
MAT 4225

(n, n') α

42-Mo-92

Cross Section

16.51 To 213.8 %



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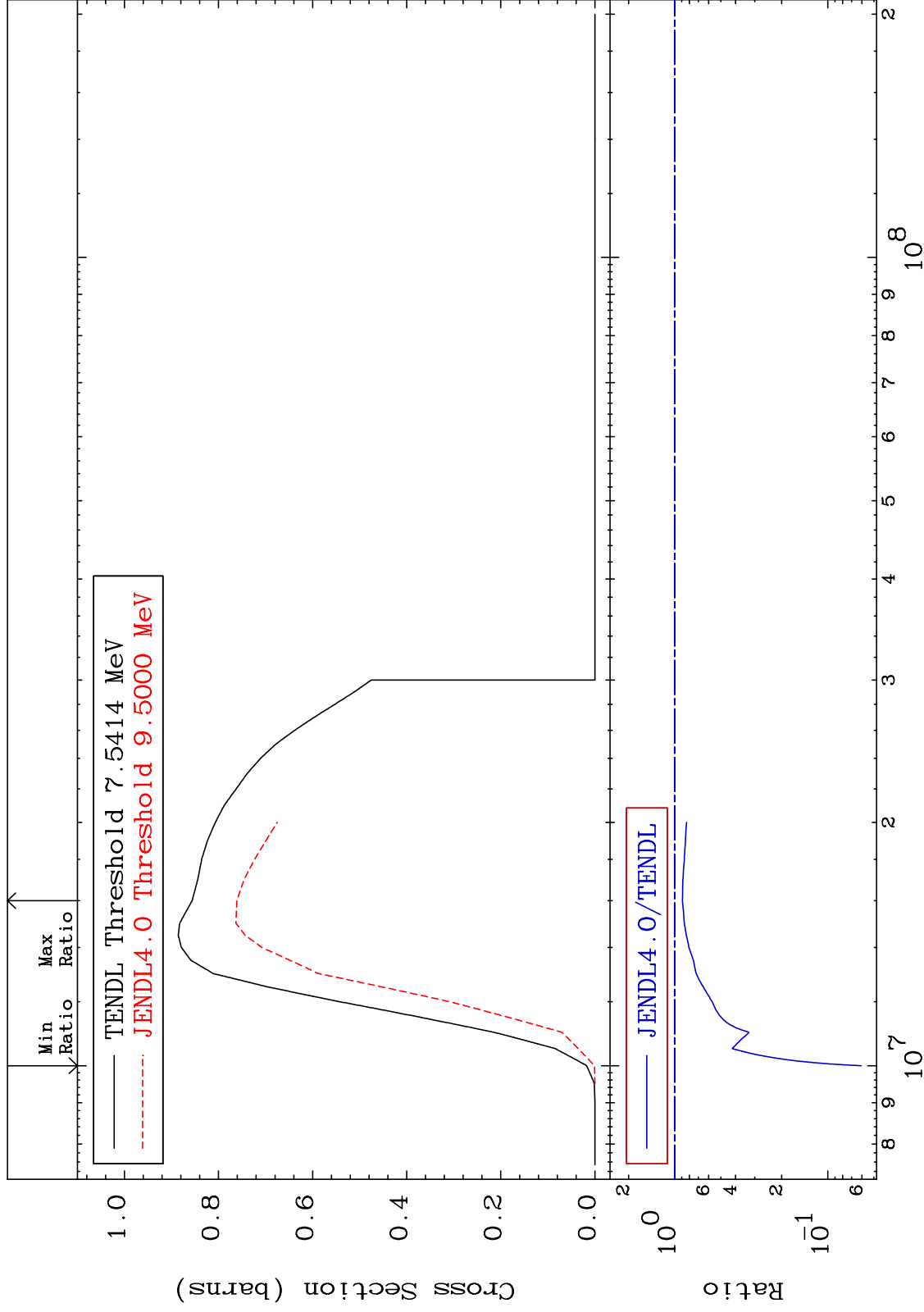
Incident Energy (eV)

42-Mo-92

MAT 4225

(n,n') p
Cross Section

42-Mo-92
-93.95 To -11.09%



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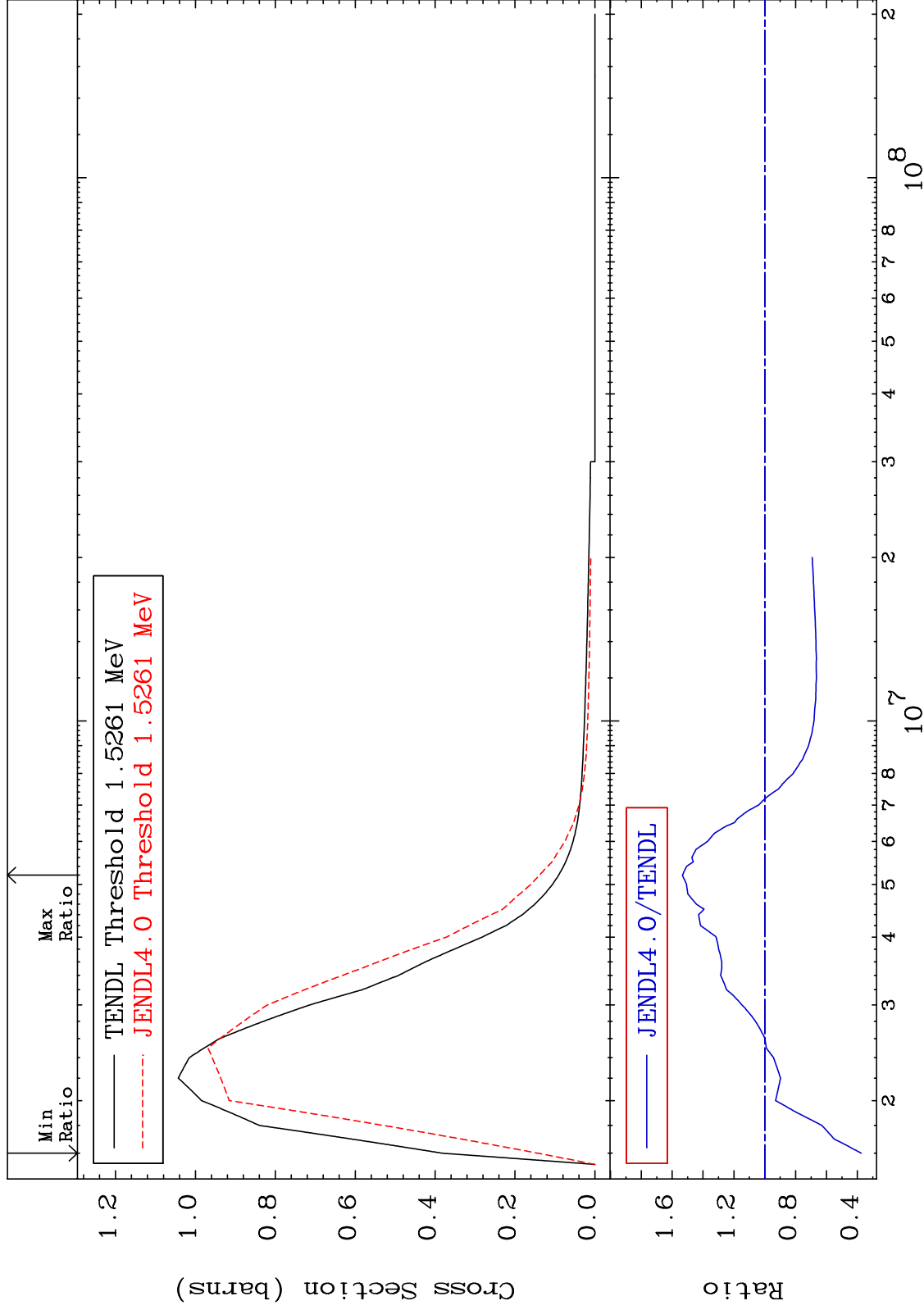
Incident Energy (eV)

42-Mo-92

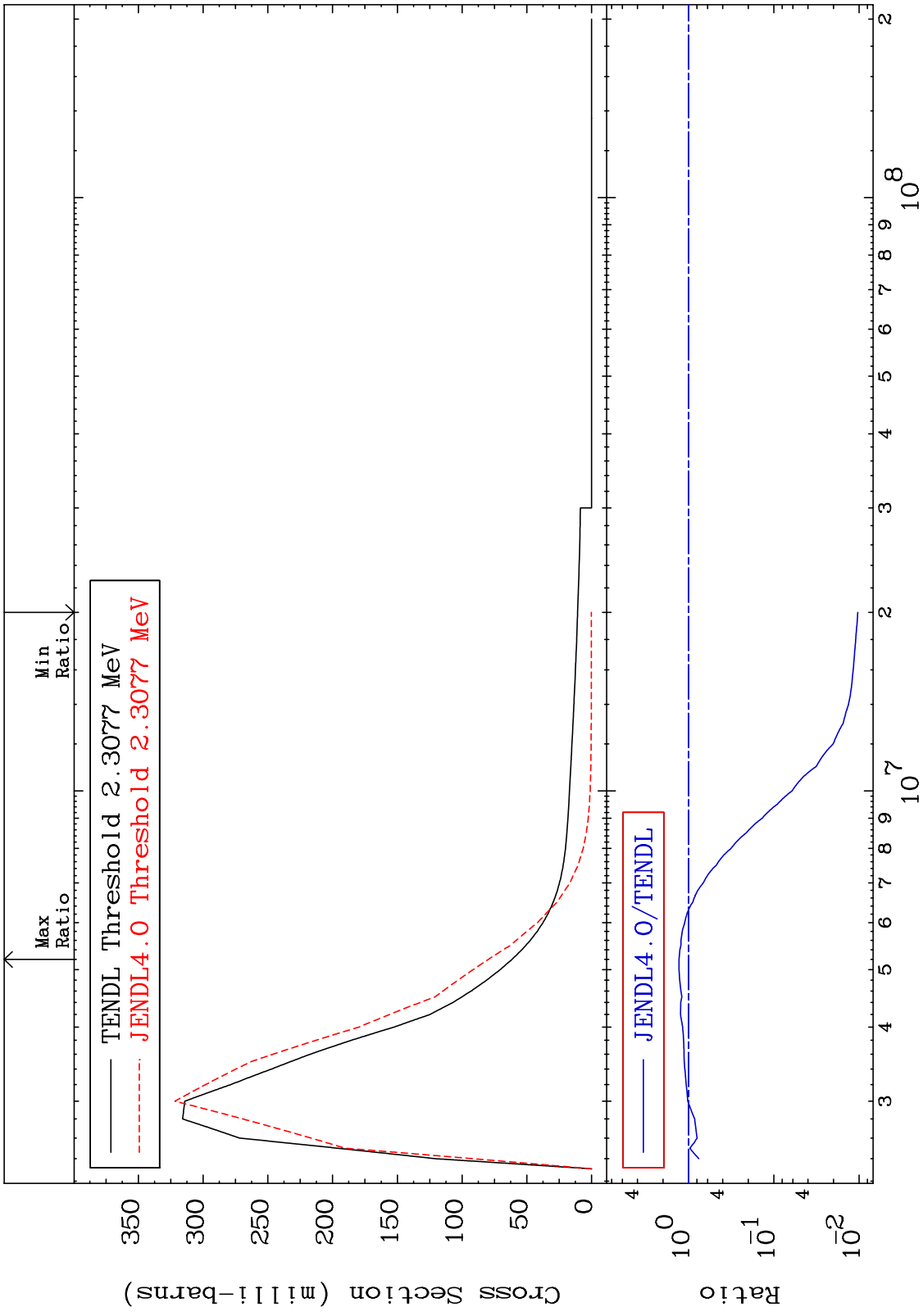
MAT 4225

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

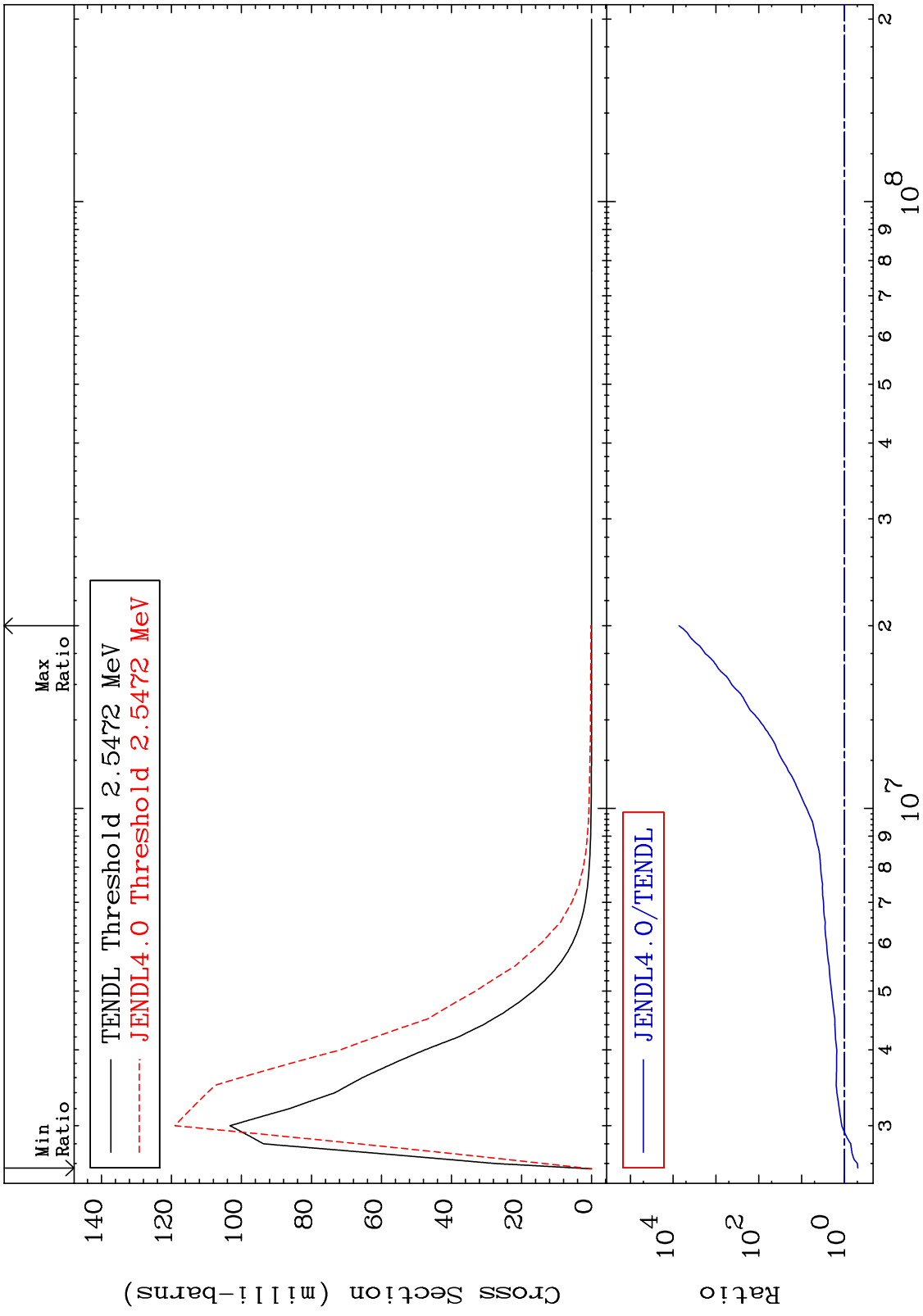
42-Mo-92
-62.55 To 53.34 %



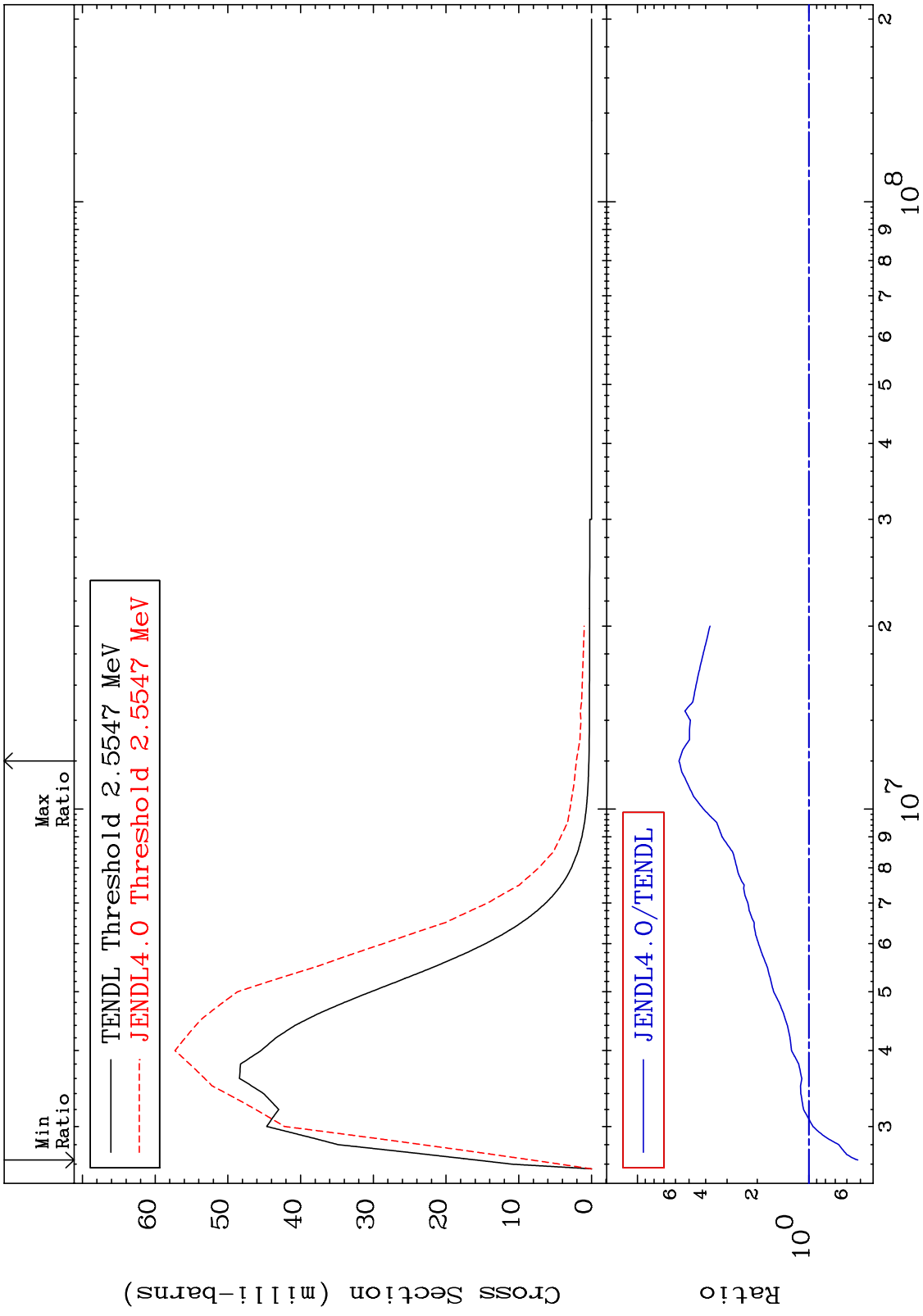
MAT 4225 MT= 52 (n,n') Level Cross Section -98.96 To 29.79 % 42-Mo-92



MAT 4225 MT= 53 (n,n') Level Cross Section -51.54 To 9999. % 42-Mo-92

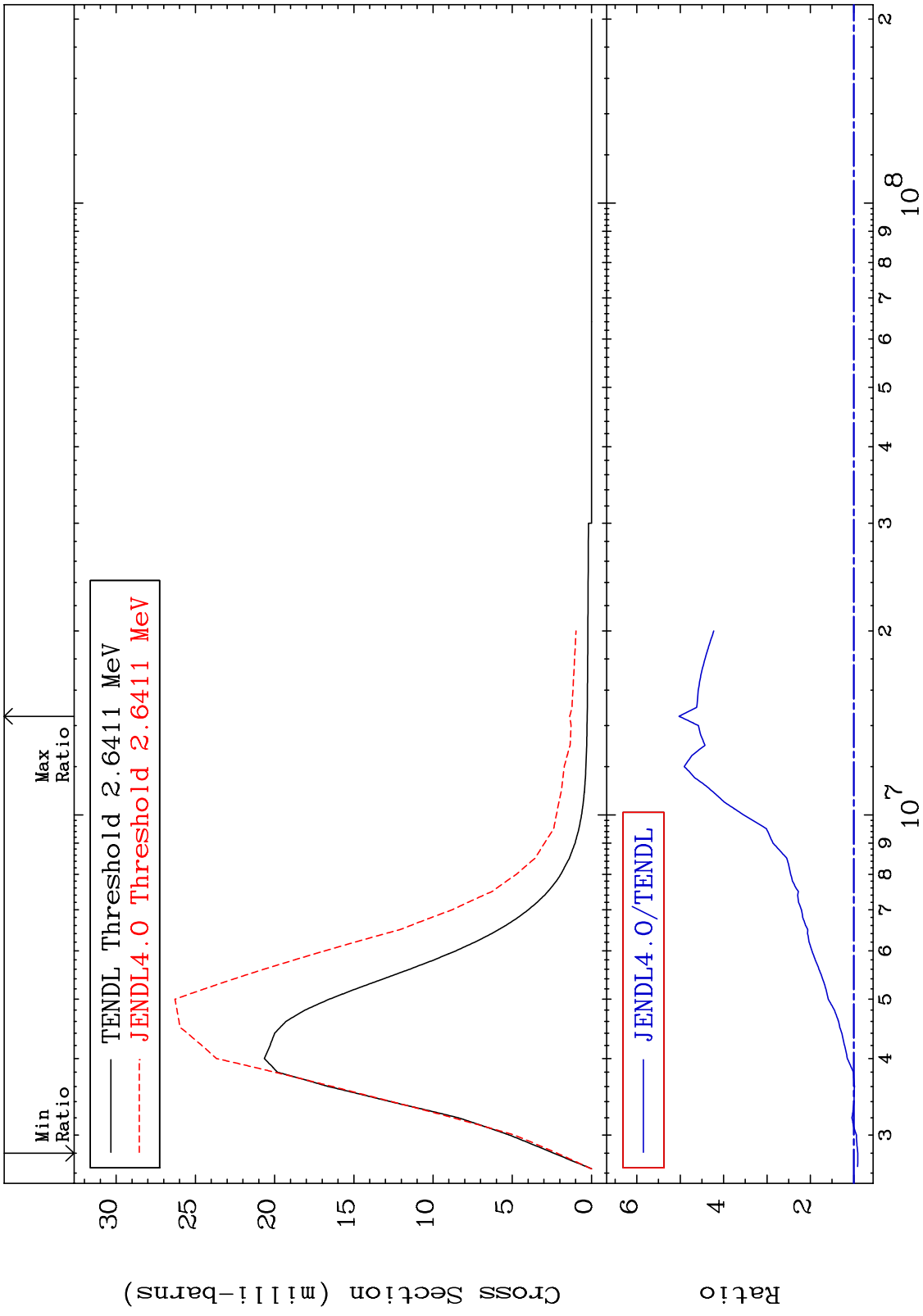


MAT 4225 MT= 54 (n,n') Level Cross Section -48.26 To 471.5 % 42-Mo-92

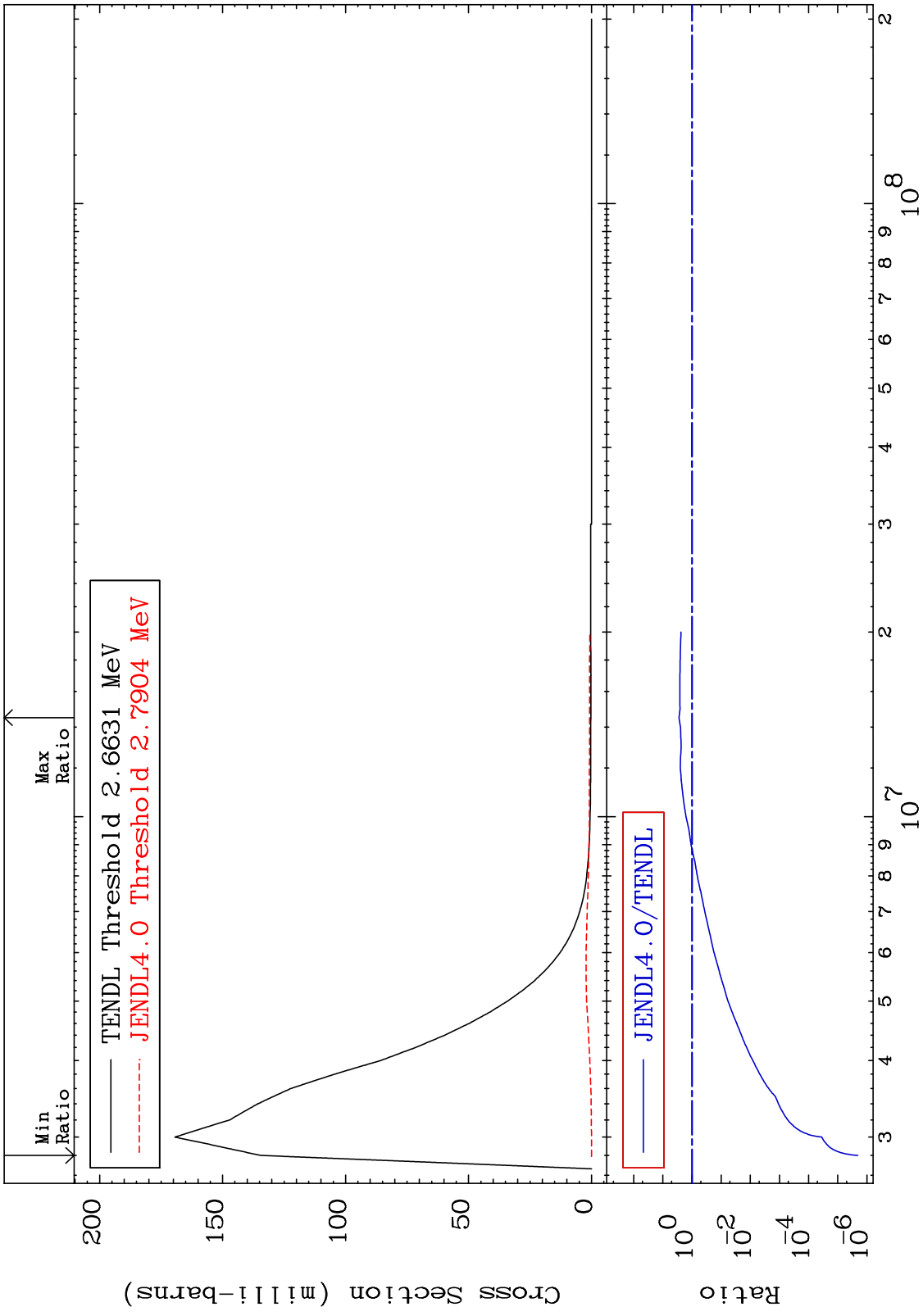


10 Incident Energy (eV) 42-Mo-92

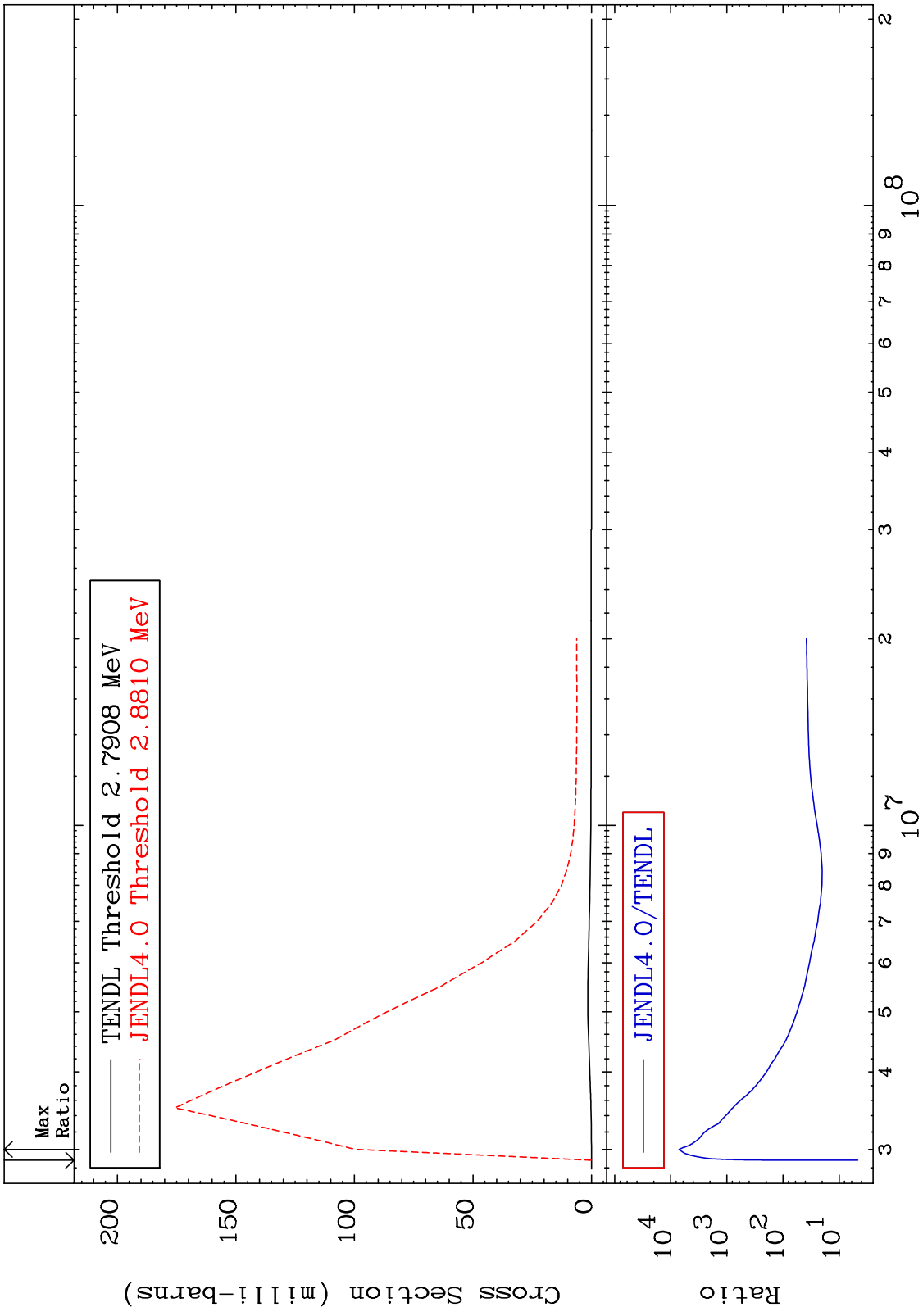
MAT 4225 MT= 55 (n,n') Level Cross Section -9.430 To 402.7 % 42-Mo-92



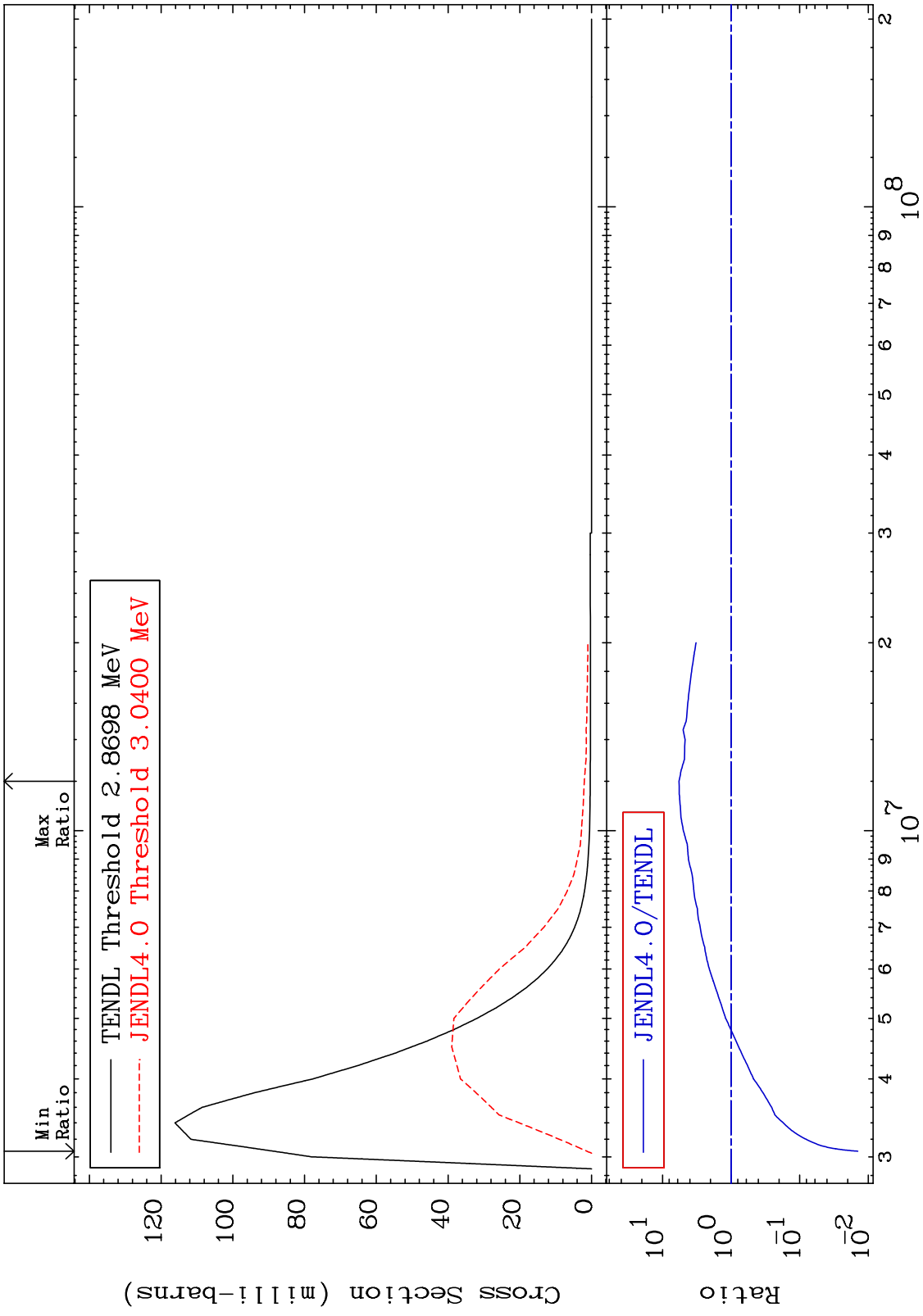
MAT 4225 MT= 56 (n,n') Level Cross Section -100.0 To 178.2 % 42-Mo-92



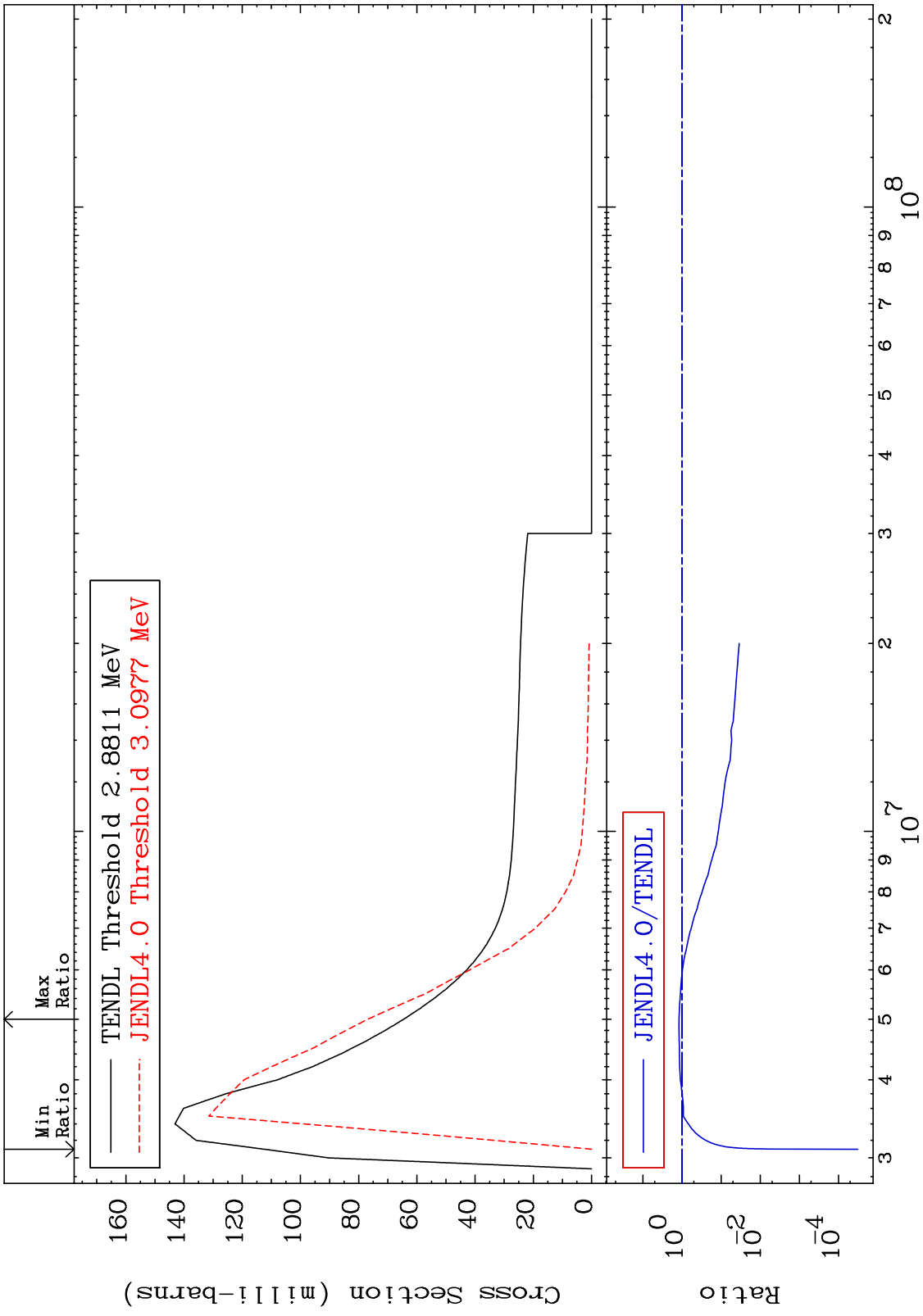
MAT 4225 MT= 57 (n,n') Level Cross Section 363.9 To 9999. % 42-Mo-92



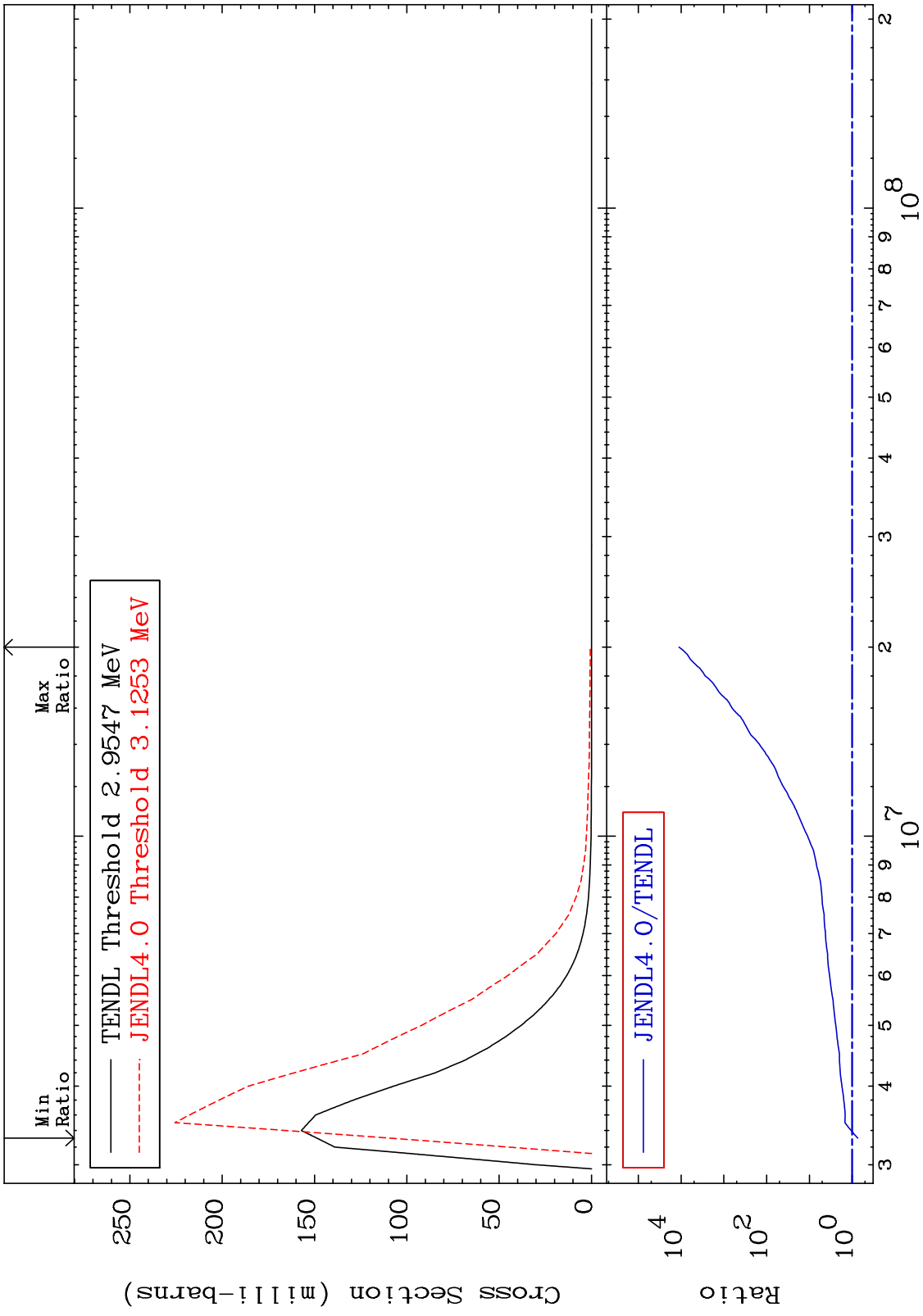
MAT 4225 MT= 58 (n,n') Level Cross Section -98.58 To 474.1 % 42-Mo-92



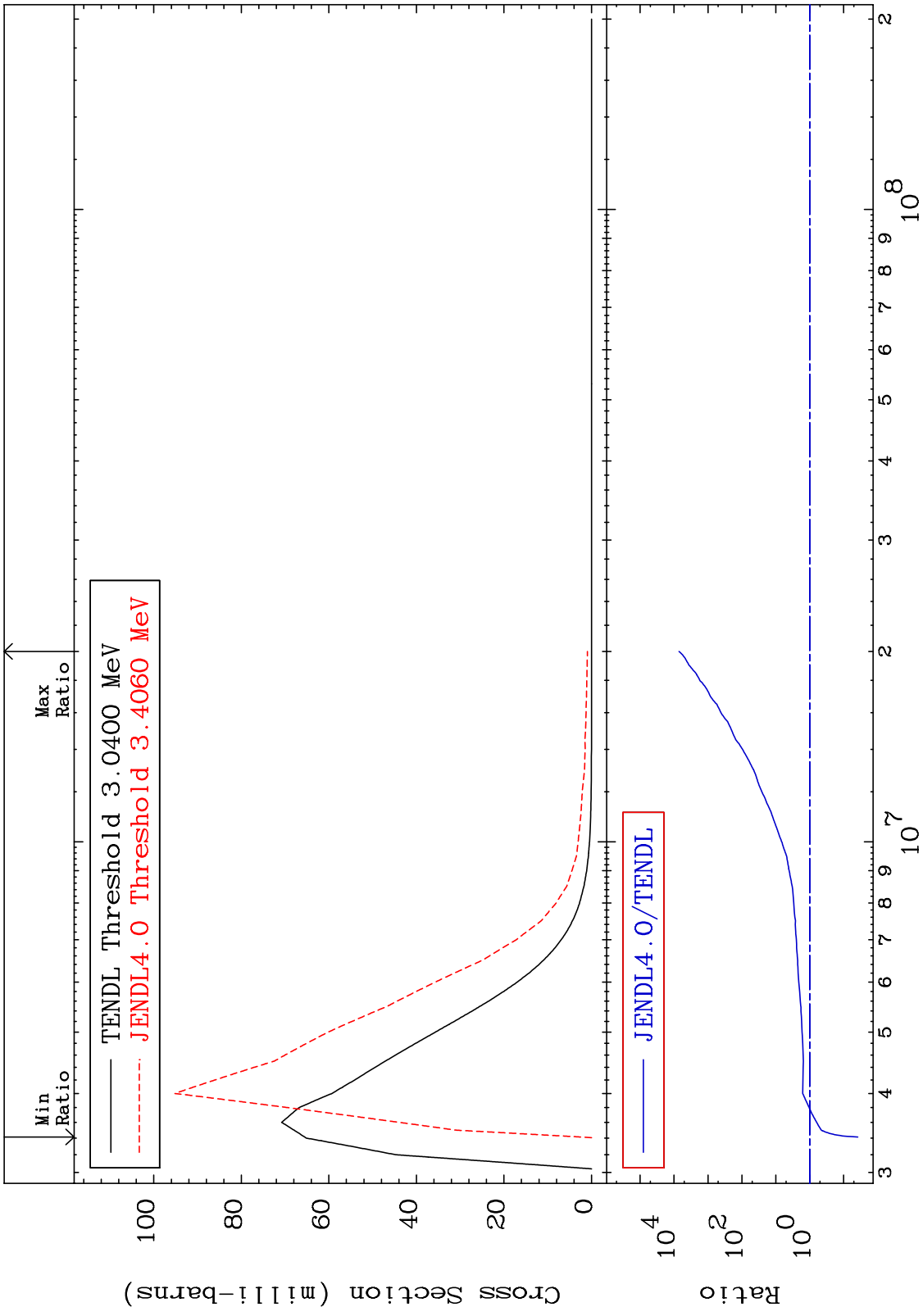
MAT 4225 MT= 59 (n,n') Level Cross Section -100.0 To 19.13 % 42-Mo-92



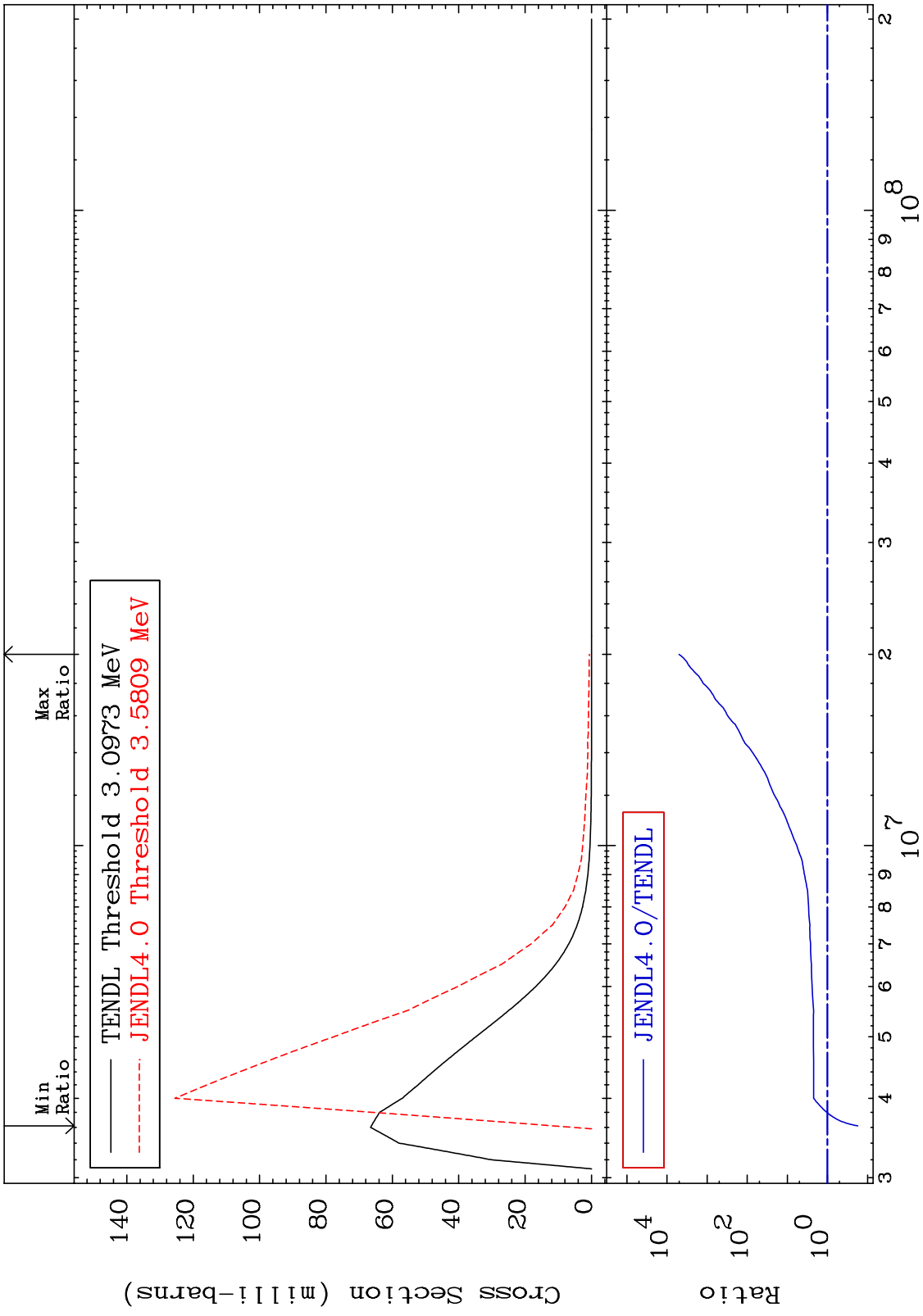
MAT 4225 MT= 60 (n,n') Level Cross Section -26.40 To 9999. % 42-Mo-92



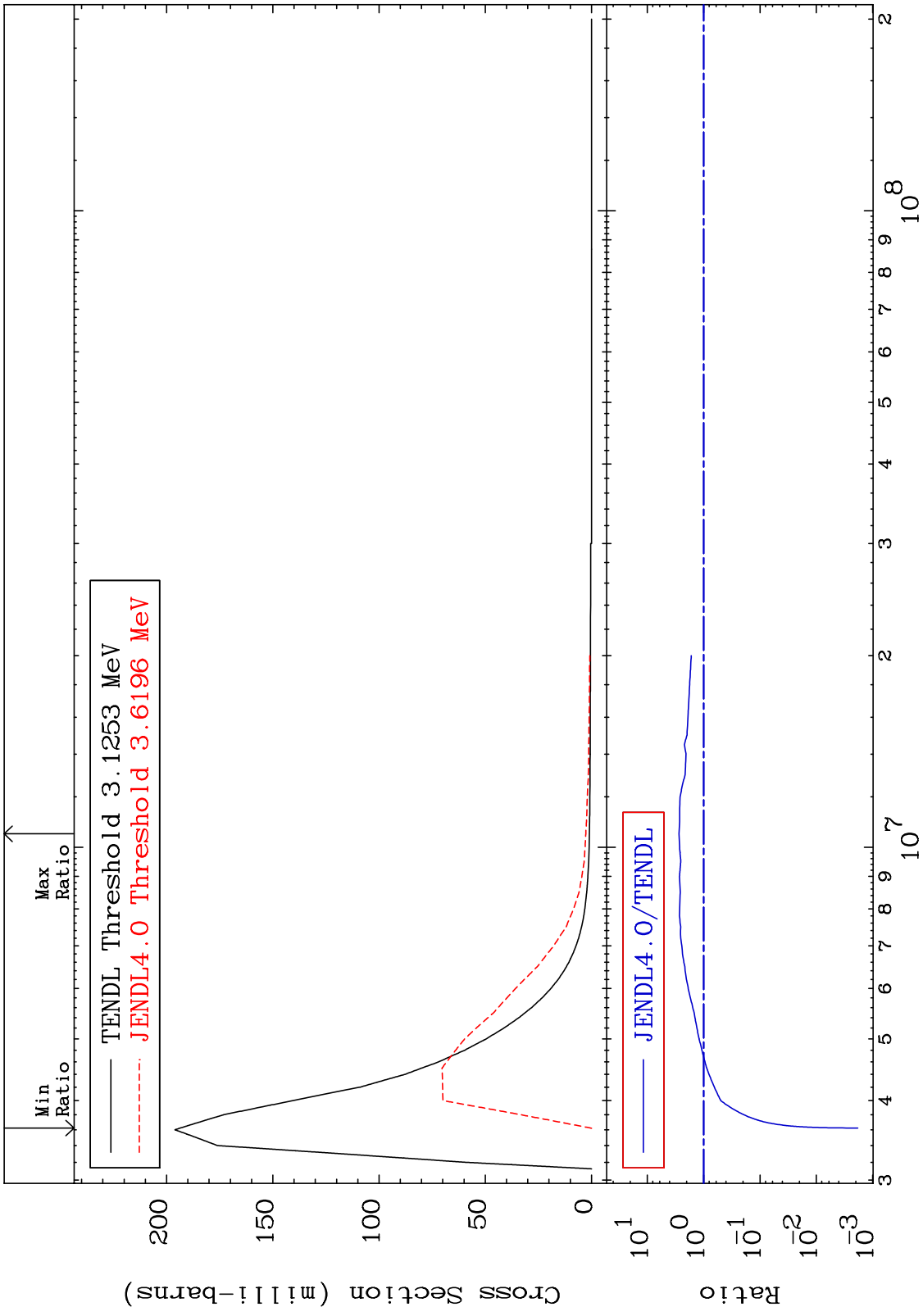
MAT 4225 MT= 61 (n,n') Level Cross Section -96.18 To 9999. % 42-Mo-92



MAT 4225 MT= 62 (n,n') Level Cross Section -82.52 To 9999. % 42-Mo-92



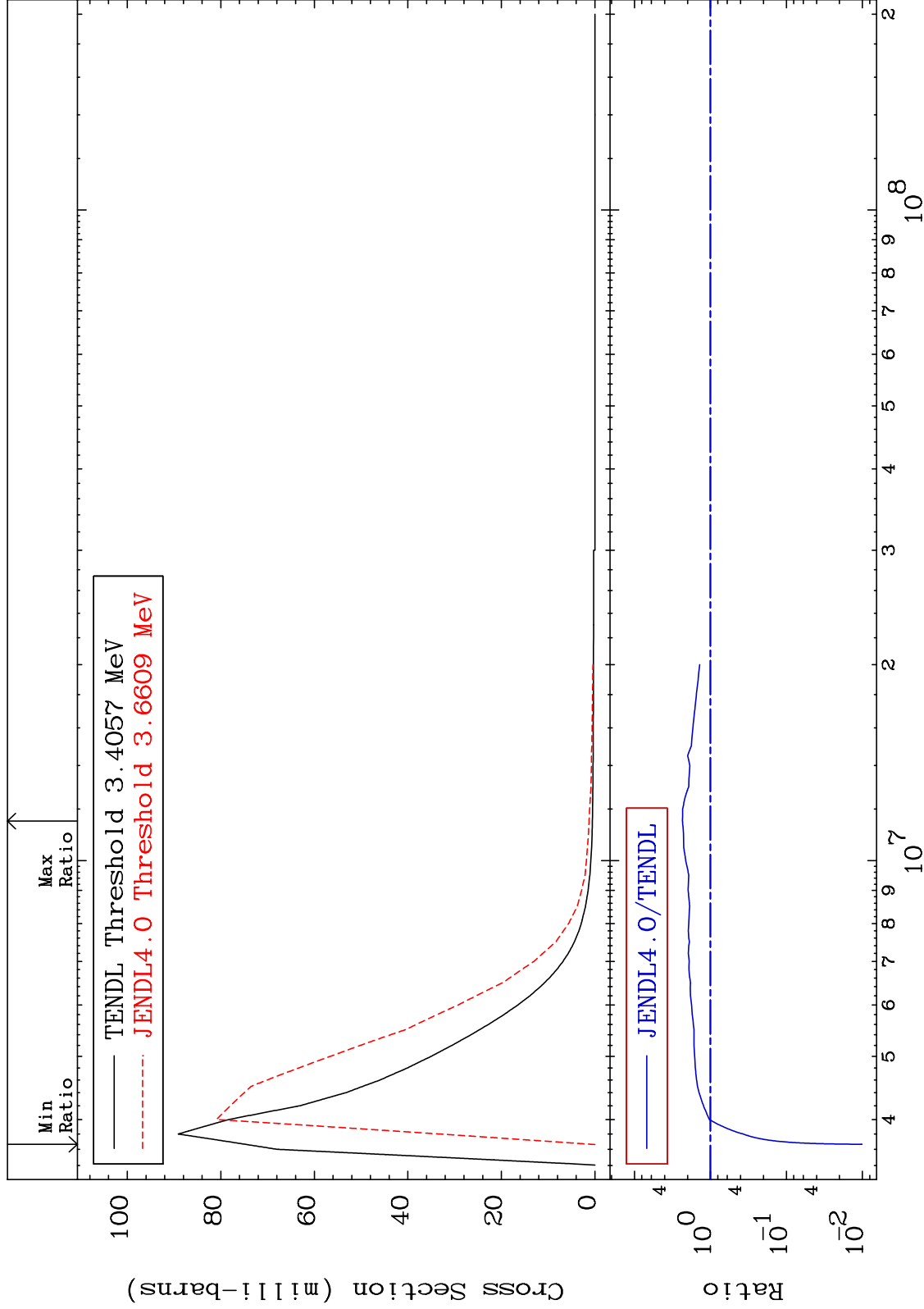
MAT 4225 MT= 63 (n,n') Level Cross Section 42-Mo-92
 -99.82 To 172.6 %



MAT 4225

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

42-Mo-92
-98.97 To 133.5 %

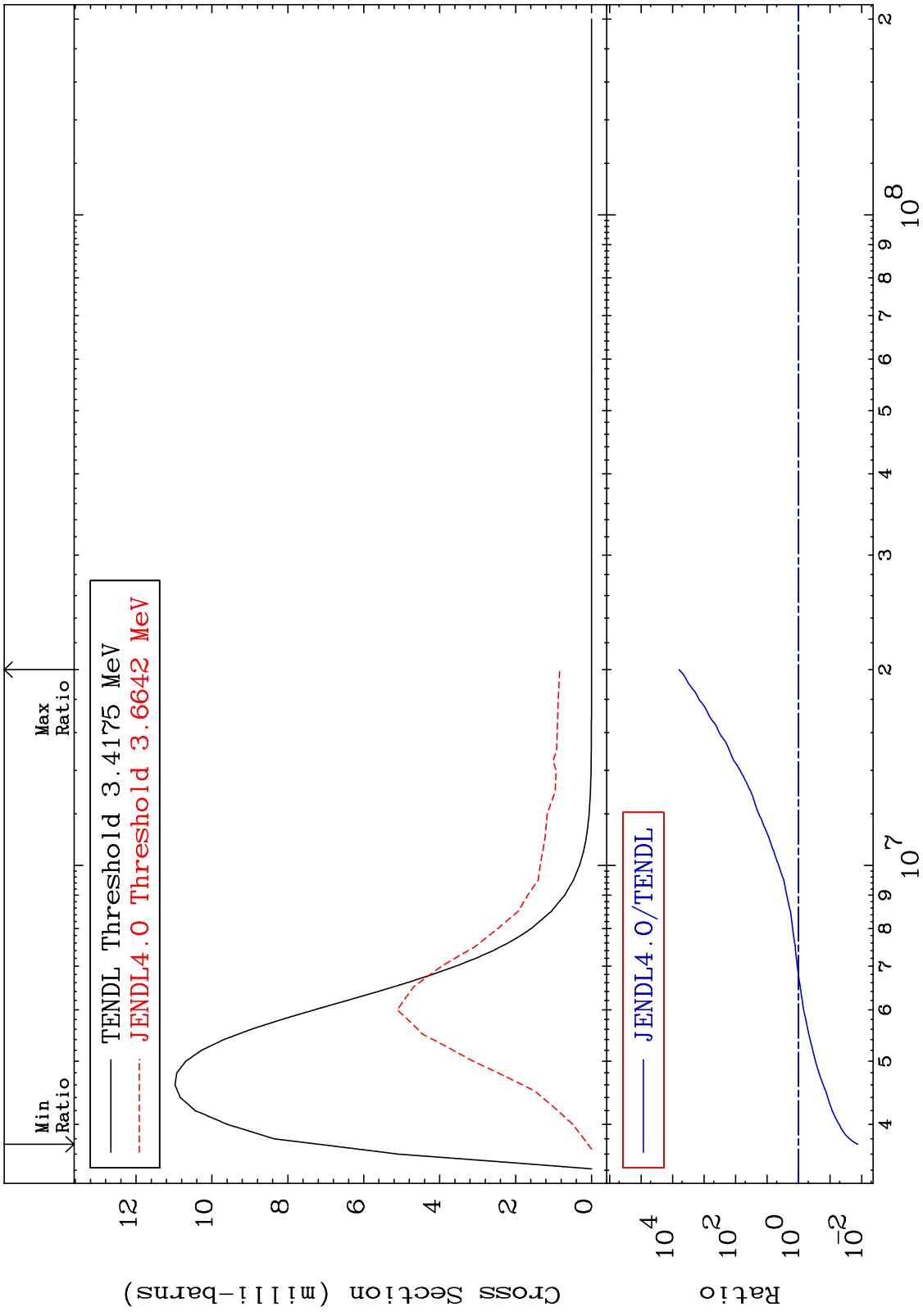


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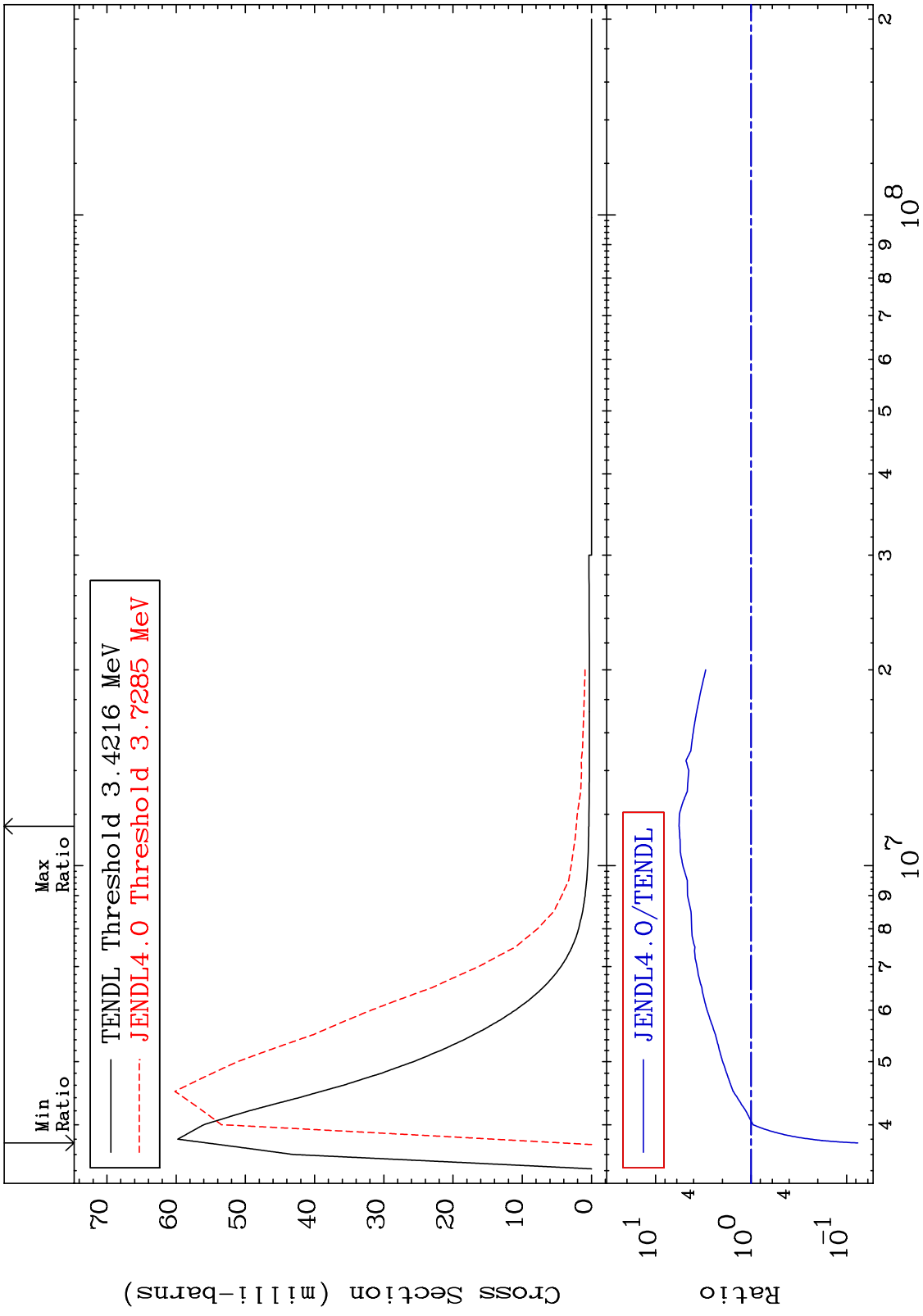
Incident Energy (eV)

42-Mo-92

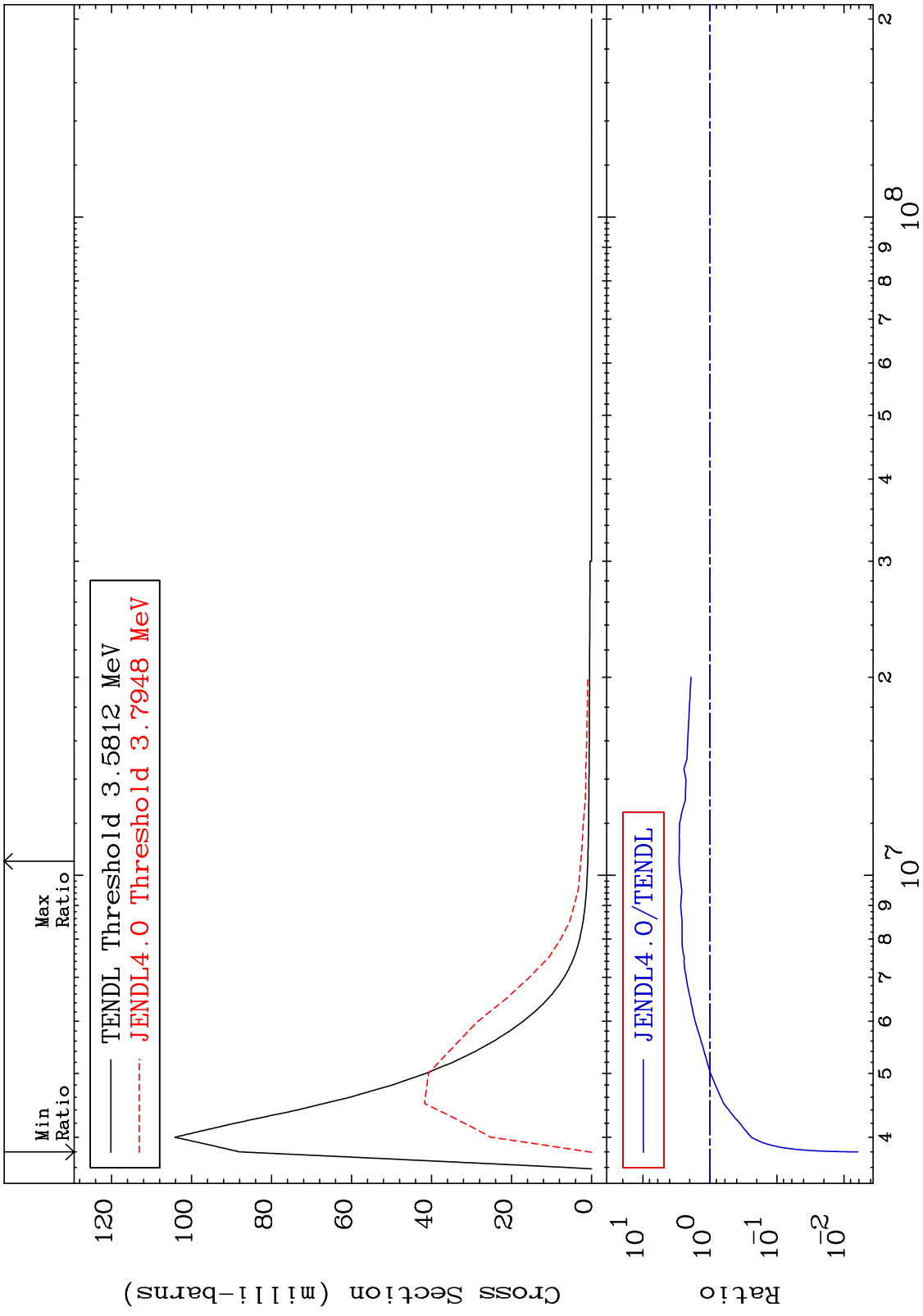
MAT 4225 MT= 65 (n,n') Level Cross Section -98.68 To 9999. % 42-Mo-92



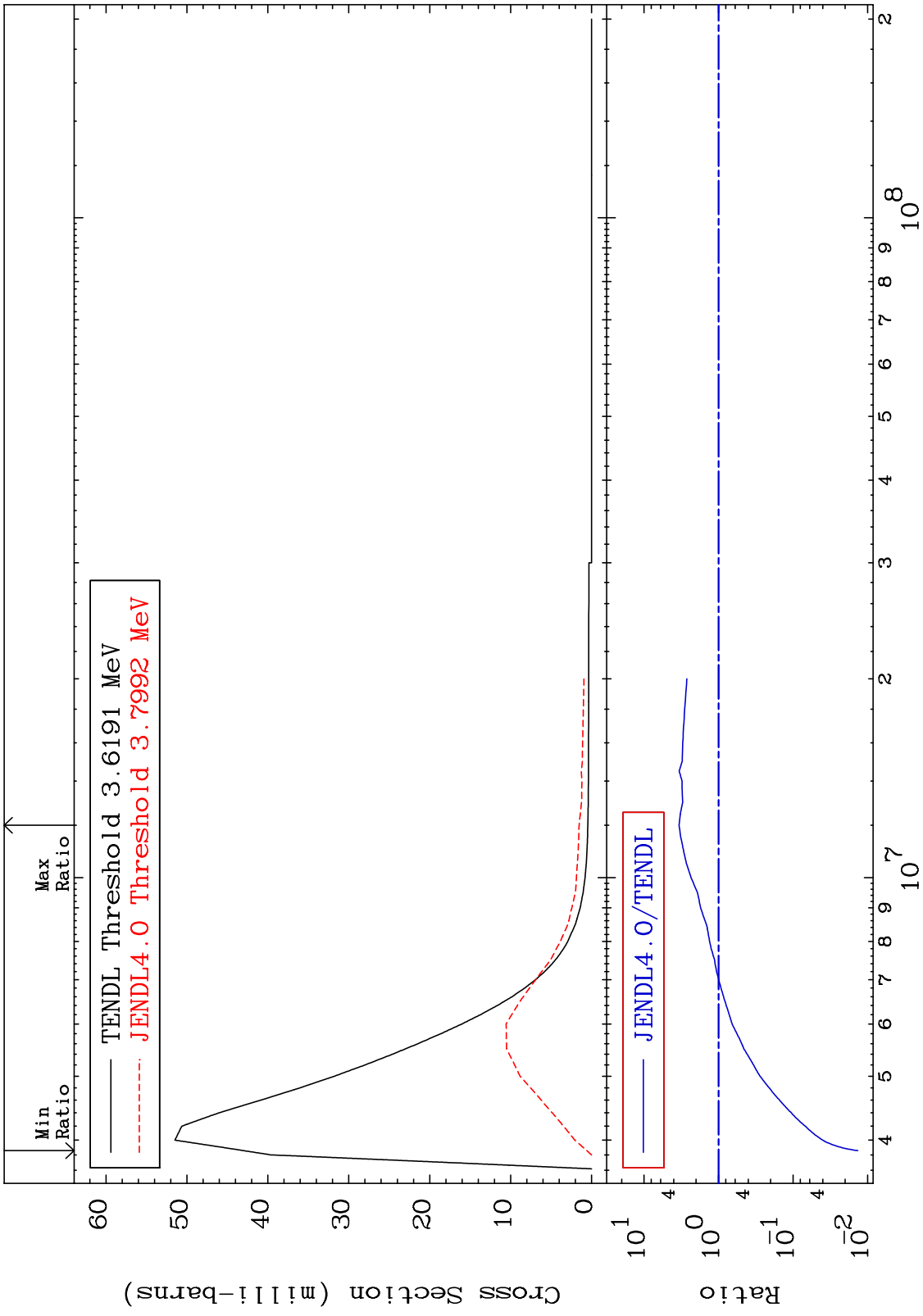
MAT 4225 MT= 66 (n,n') Level Cross Section -92.38 To 468.9 % 42-Mo-92



MAT 4225 MT= 67 (n,n') Level Cross Section 42-Mo-92
 -99.38 To 189.2 %



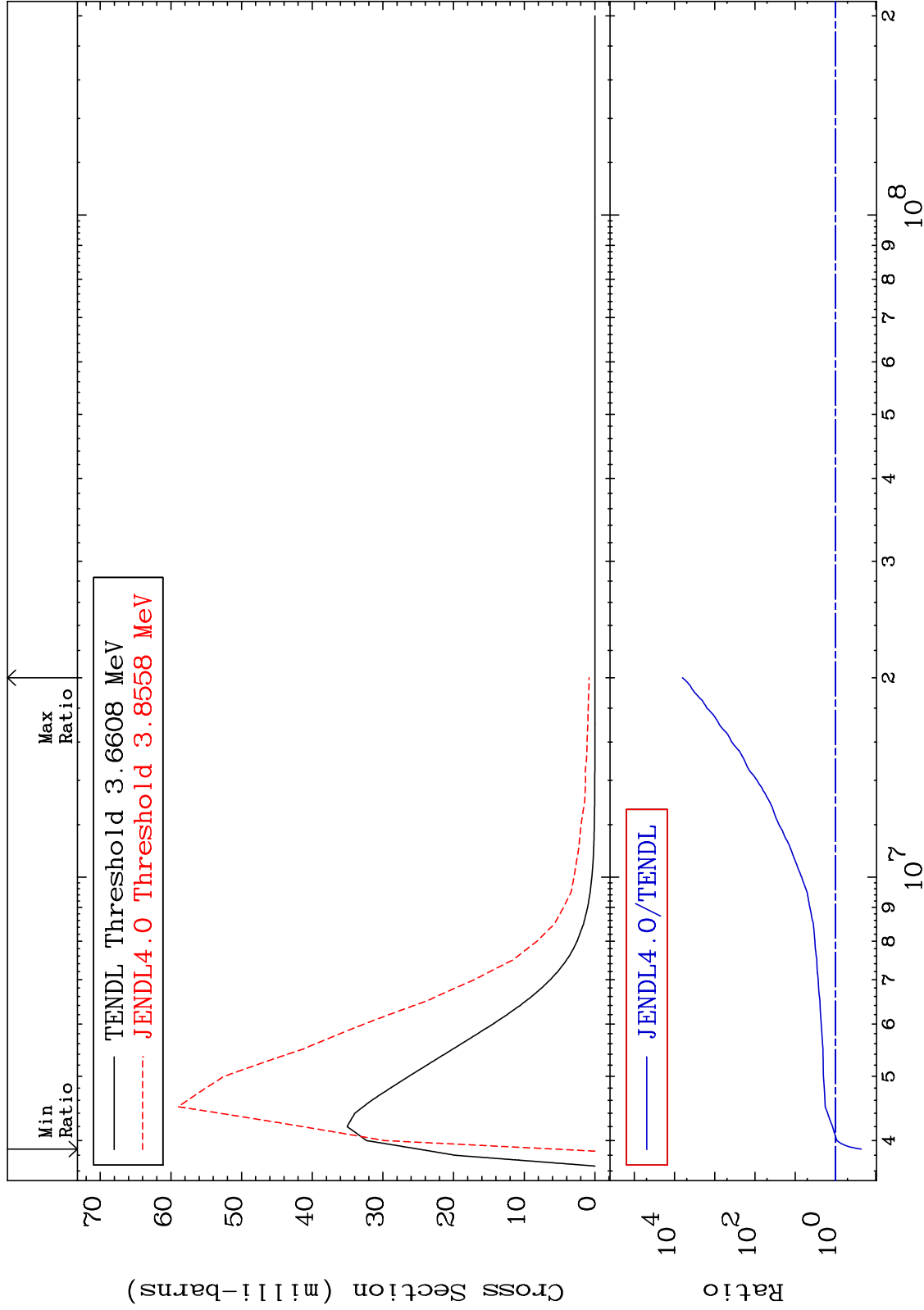
MAT 4225 MT= 68 (n,n') Level Cross Section -98.65 To 239.0 % 42-Mo-92



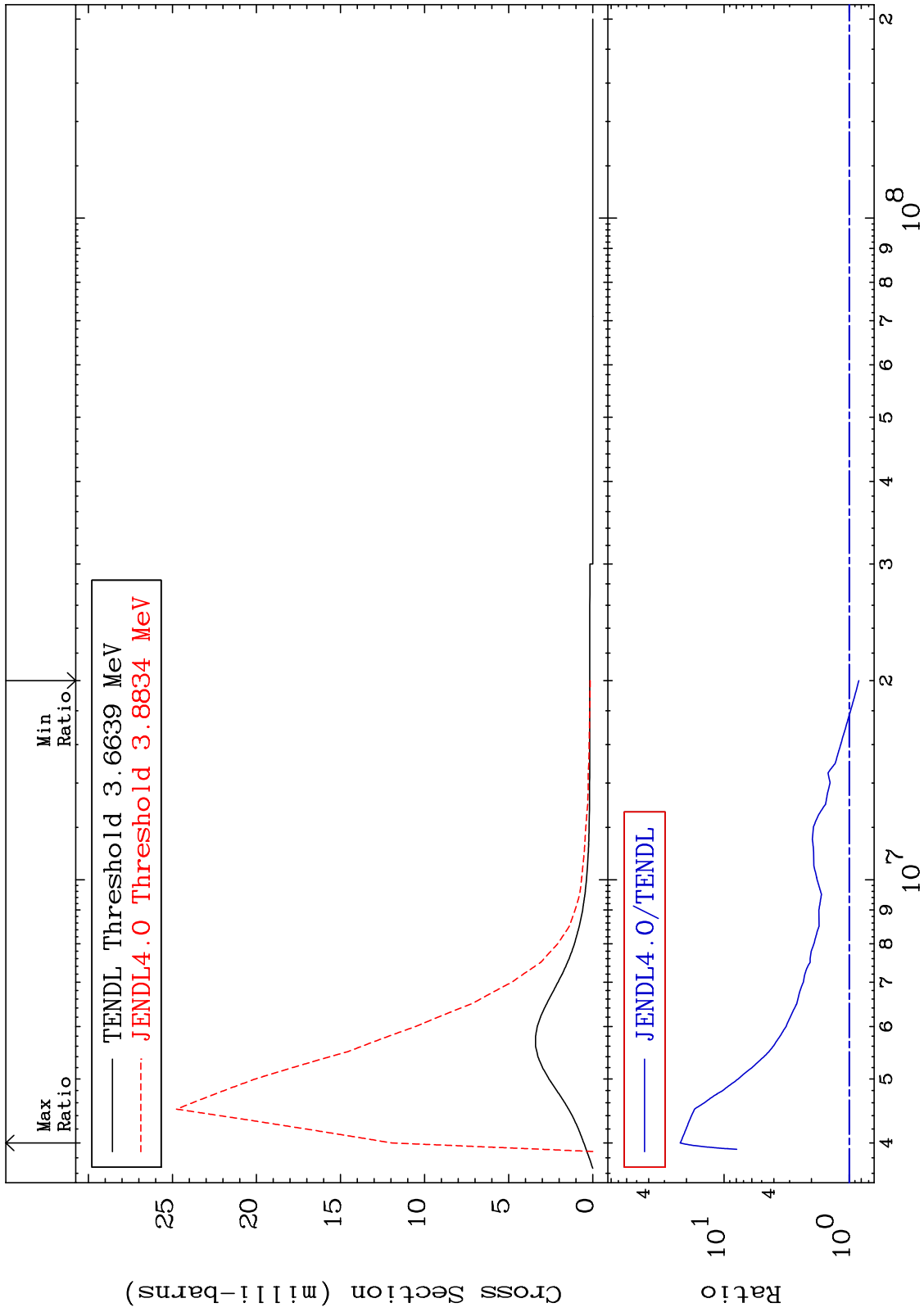
MAT 4225

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

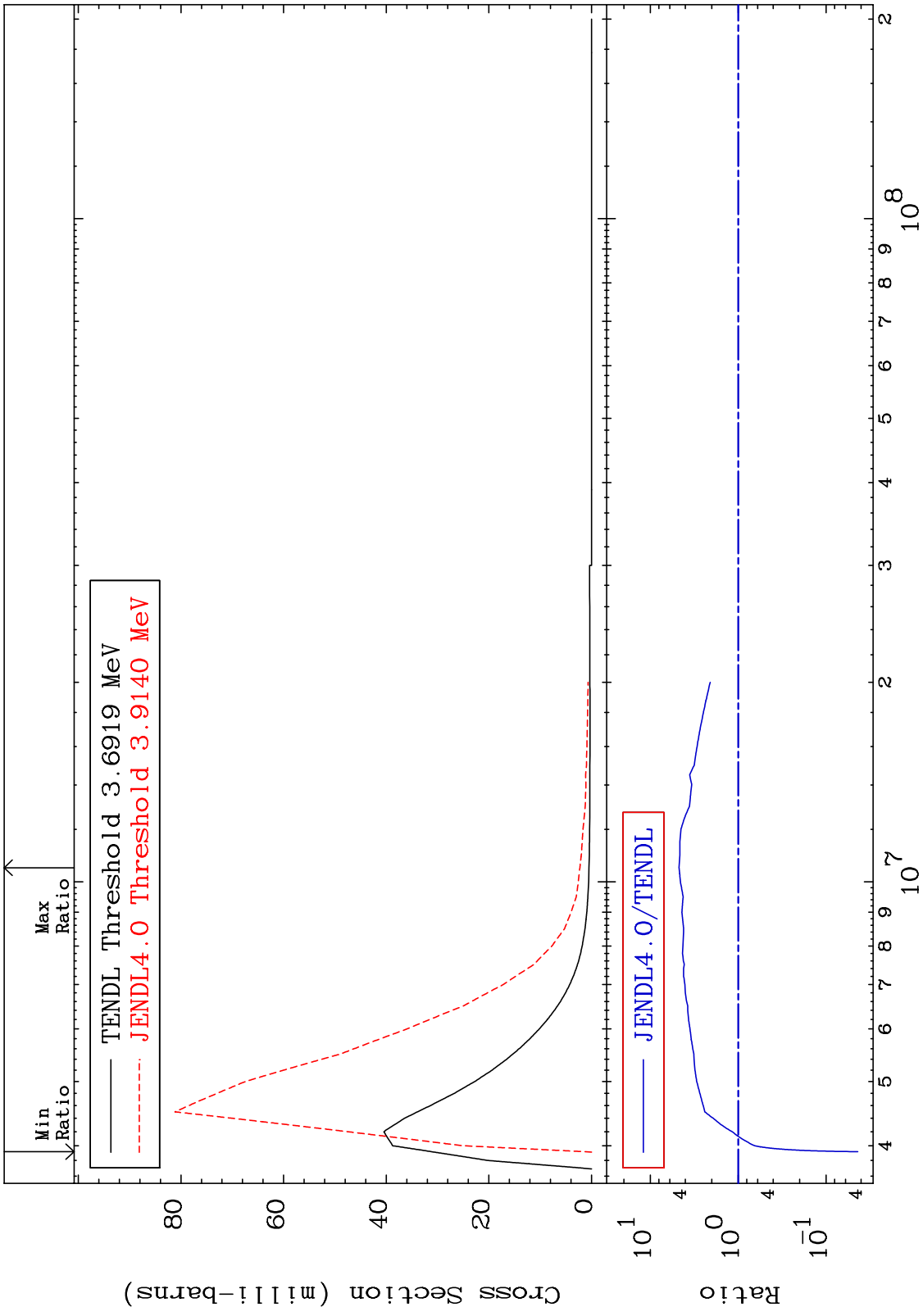
42-Mo-92
-77.21 To 9999. %



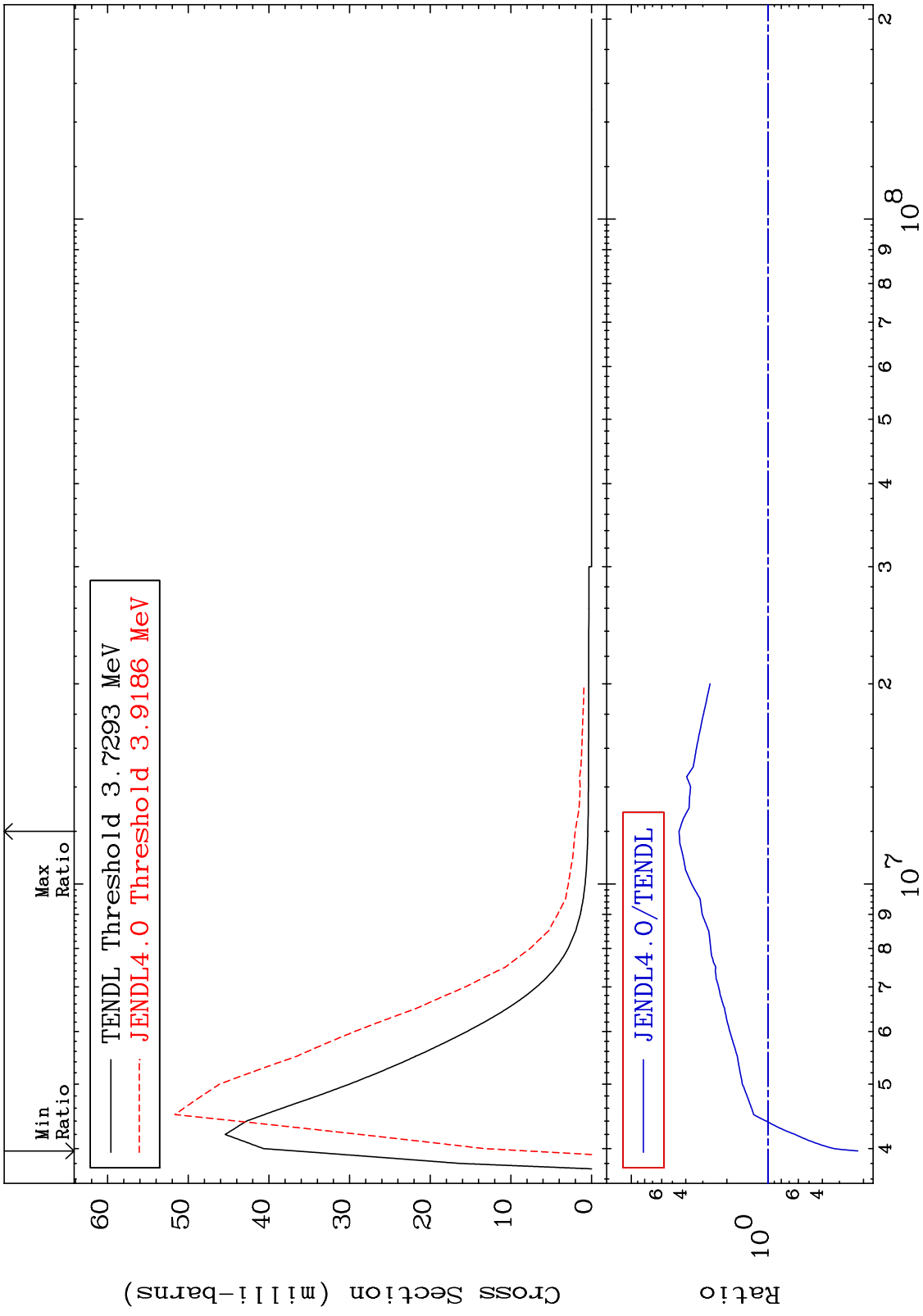
MAT 4225 MT= 70 (n,n') Level Cross Section -16.31 To 2140. % 42-Mo-92



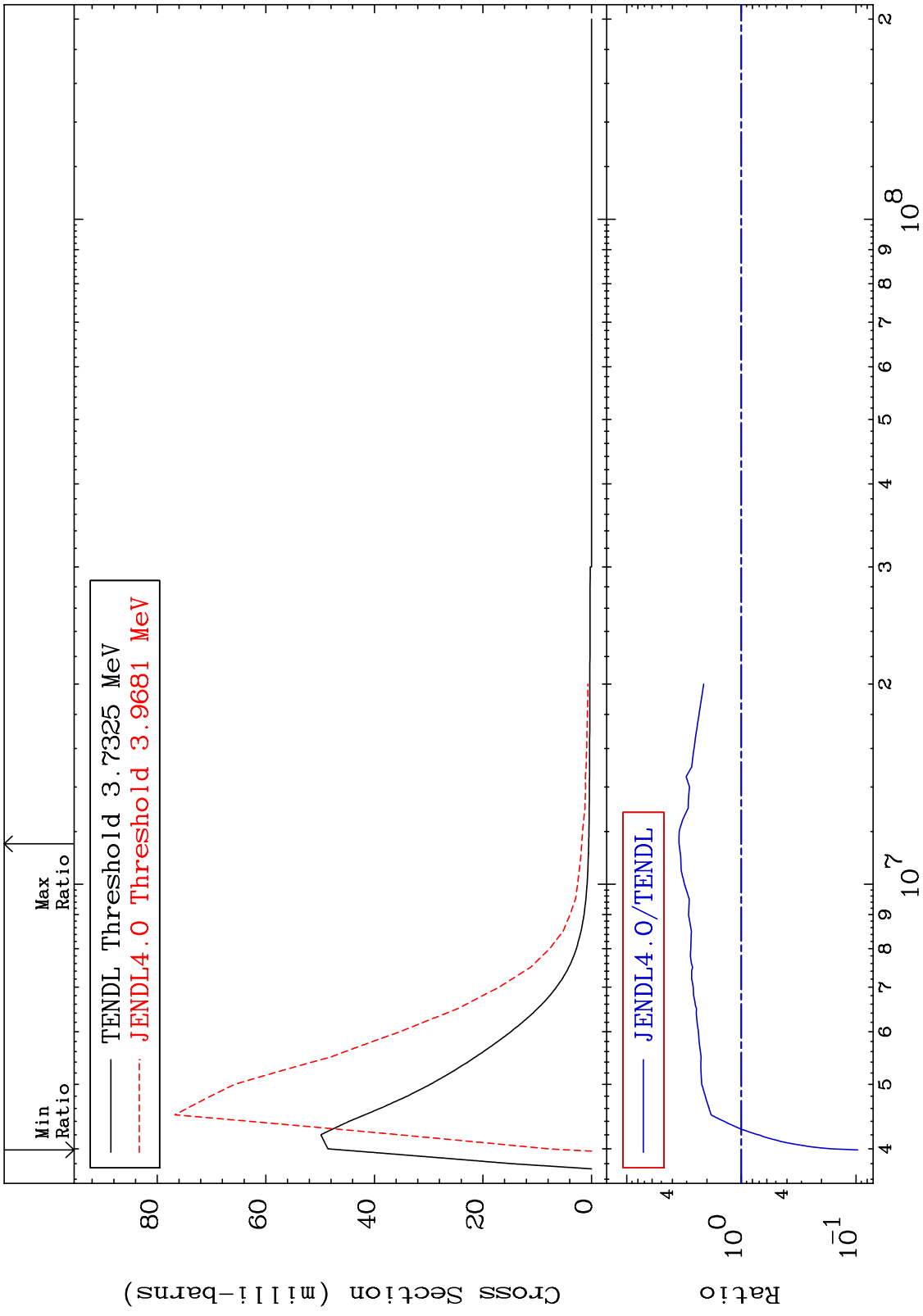
MAT 4225 MT= 71 (n,n') Level Cross Section 42-Mo-92
 -95.65 To 370.6 %



MAT 4225 MT= 72 (n,n') Level Cross Section -78.01 To 347.6 % 42-Mo-92



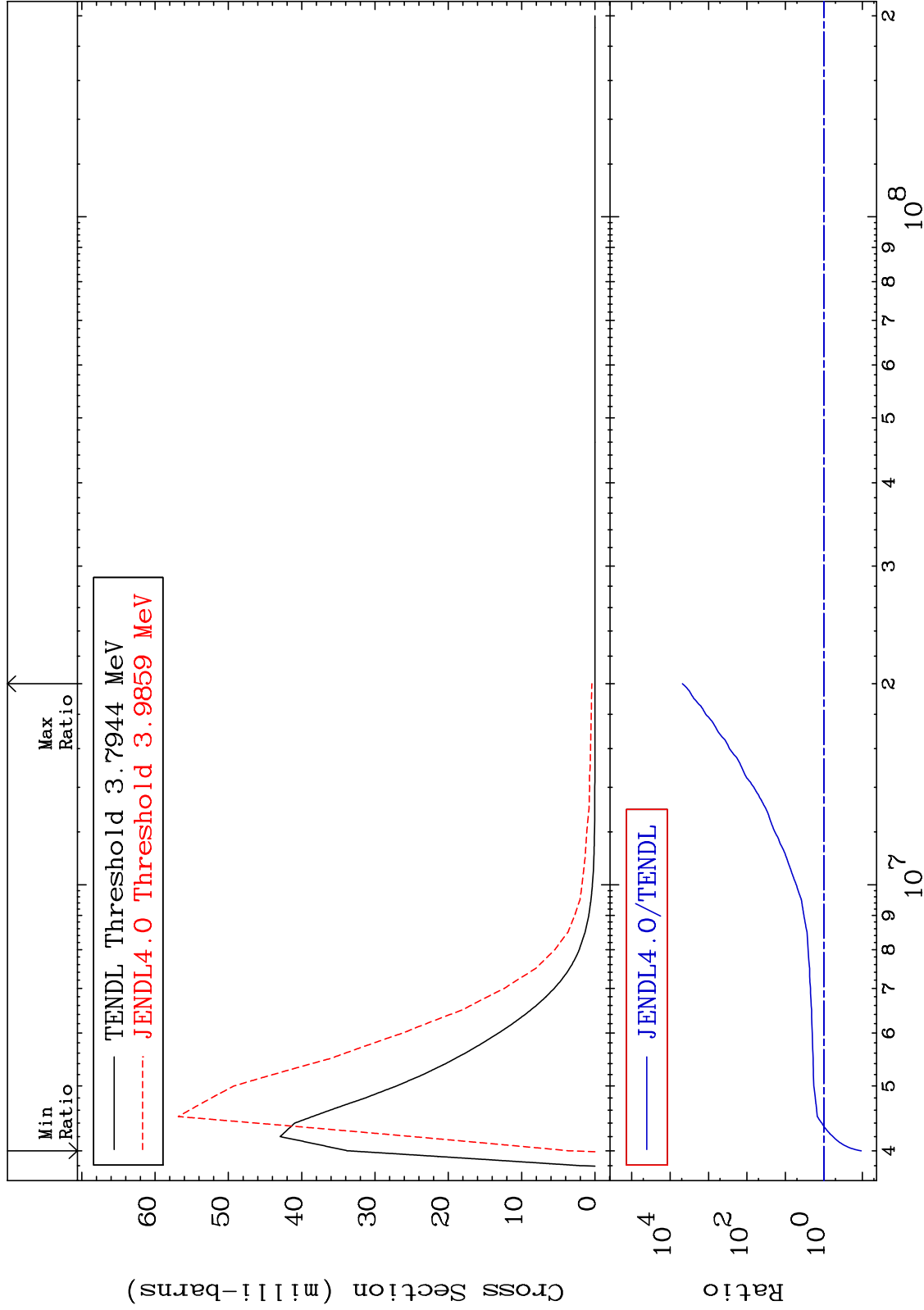
MAT 4225 MT= 73 (n,n') Level Cross Section -90.36 To 249.8 % 42-Mo-92



MAT 4225

MT= 74 (n,n') Level
Cross Section

42-Mo-92
-89.40 To 9999. %



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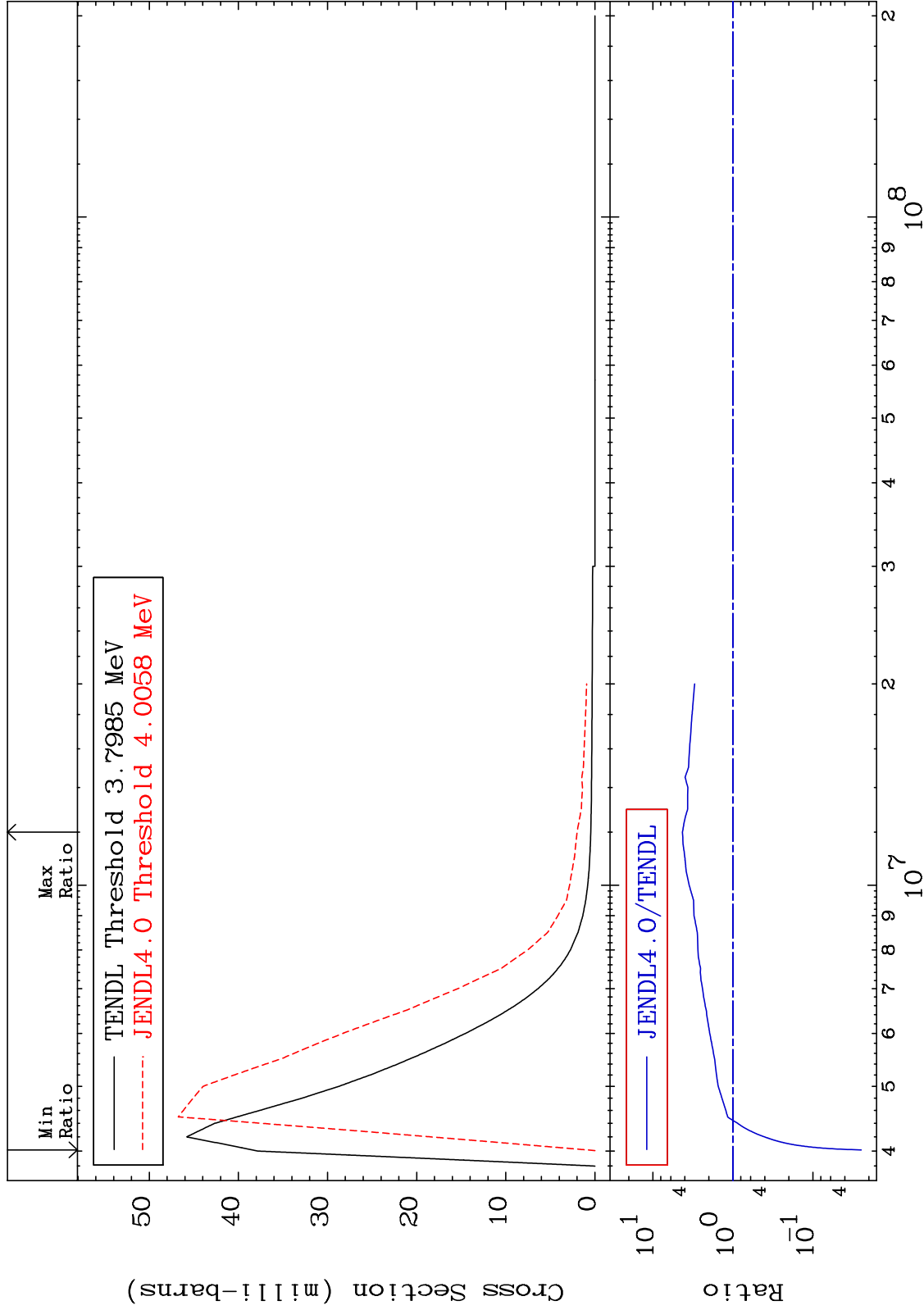
Incident Energy (eV)

42-Mo-92

MAT 4225

MT= 75 (n,n') Level
Cross Section

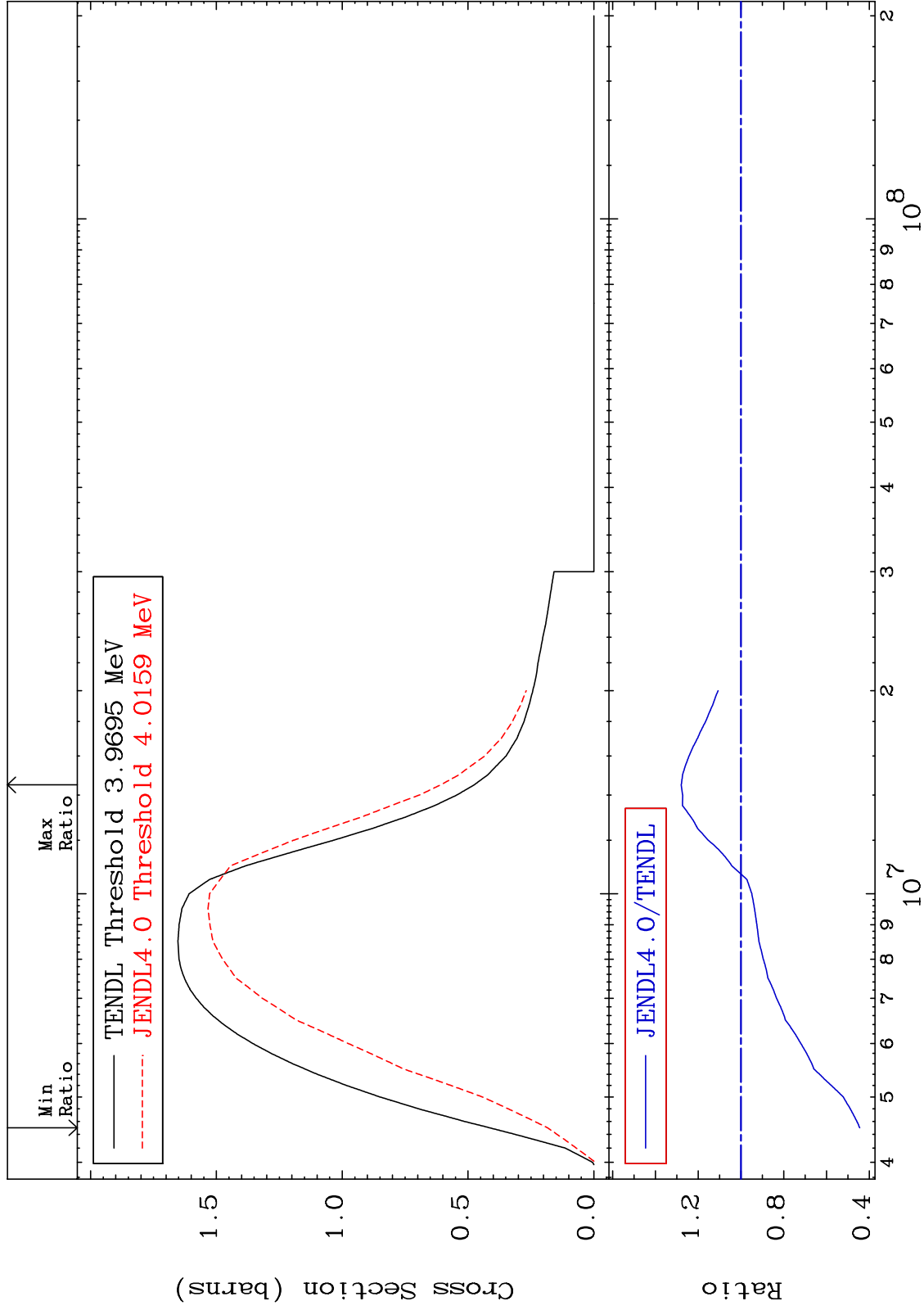
42-Mo-92
-97.51 To 327.8 %



MAT 4225

(n, n') Continuum
Cross Section

42-Mo-92
-55.57 To 27.95 %



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Incident Energy (eV)

42-Mo-92

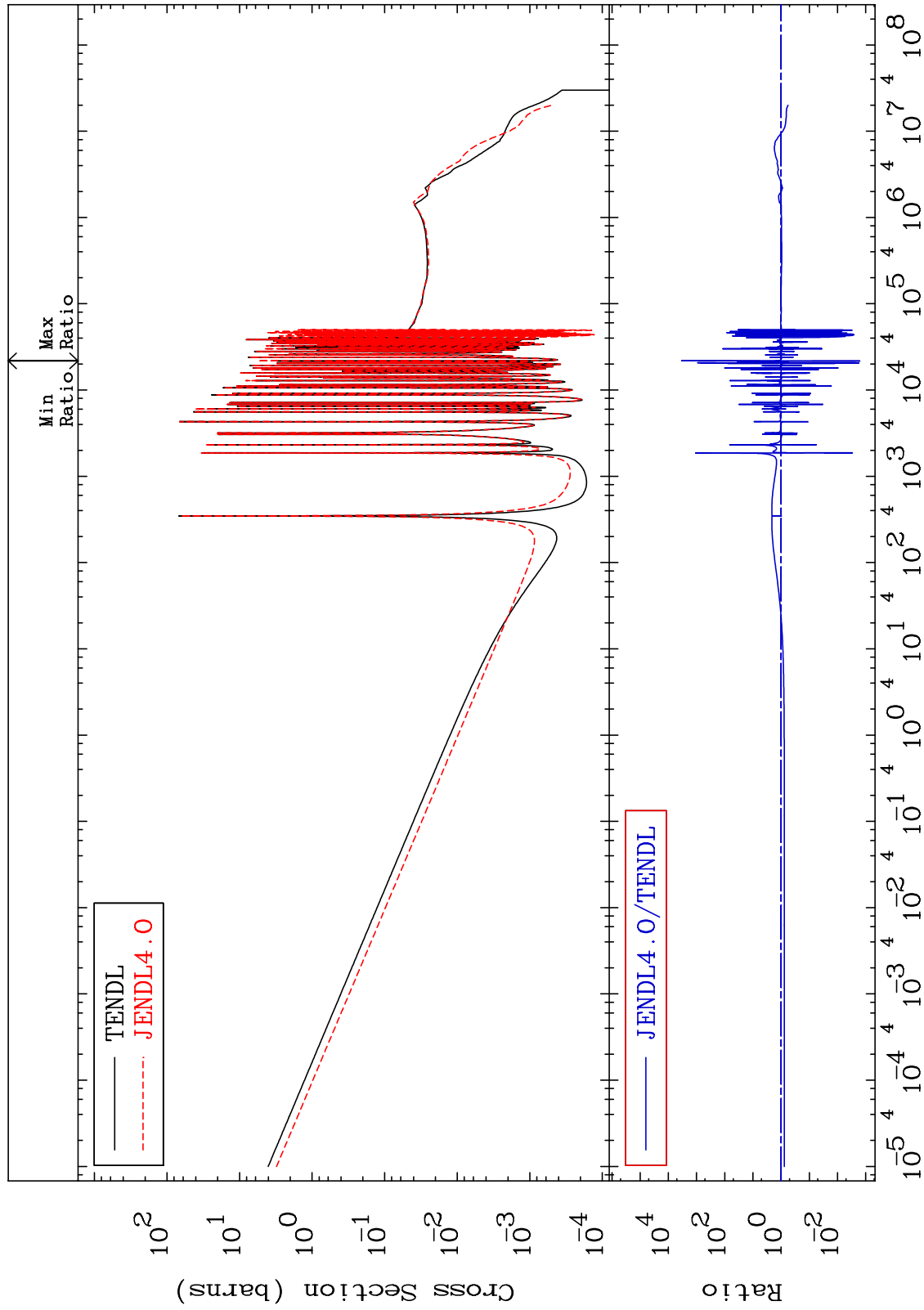
MAT 4225

(n, γ)

42-Mo-92

Cross Section

-99.84 To 9999. %



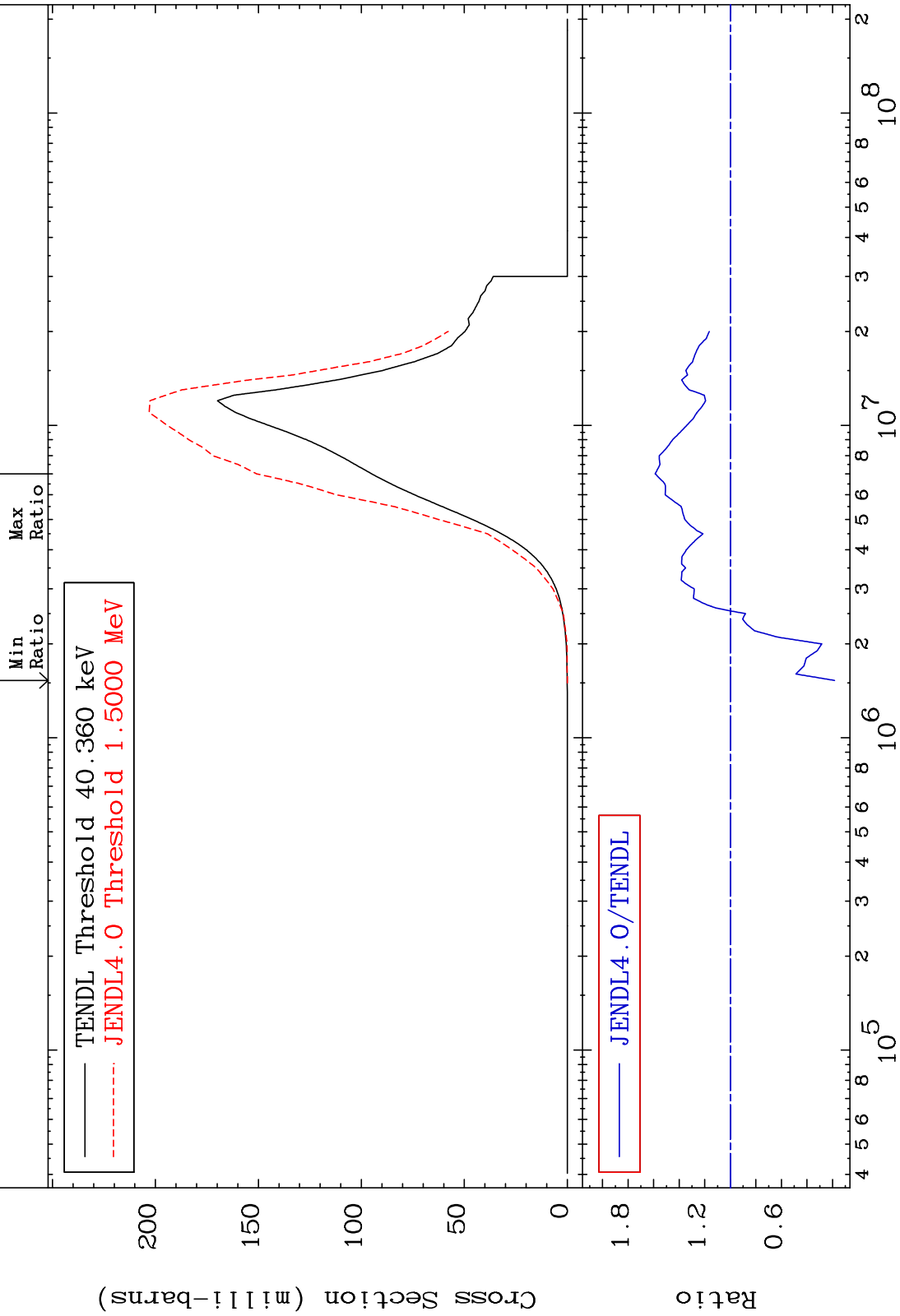
MAT 4225

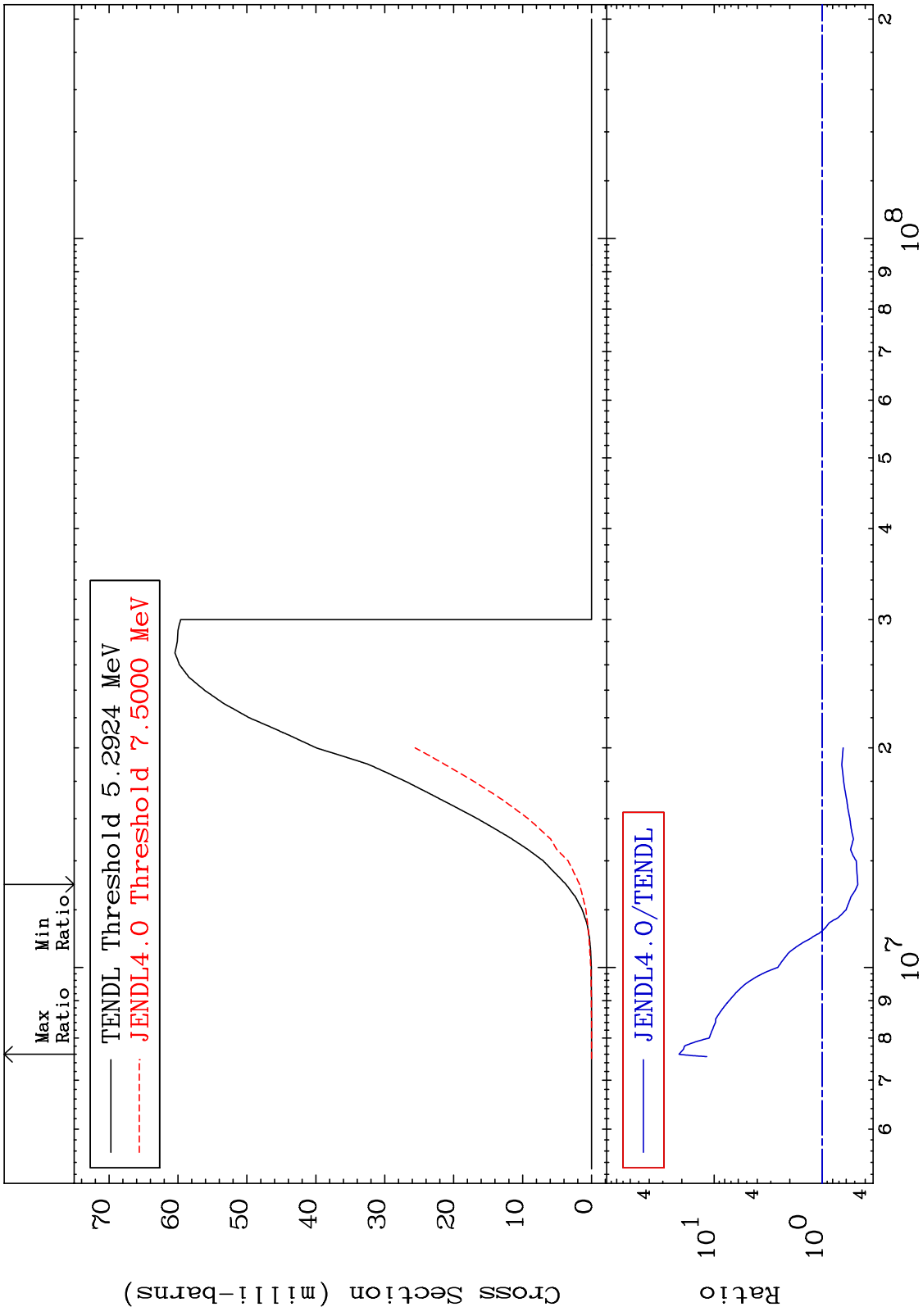
(n,p)

42-Mo-92

-81.58 To 58.80 %

Cross Section





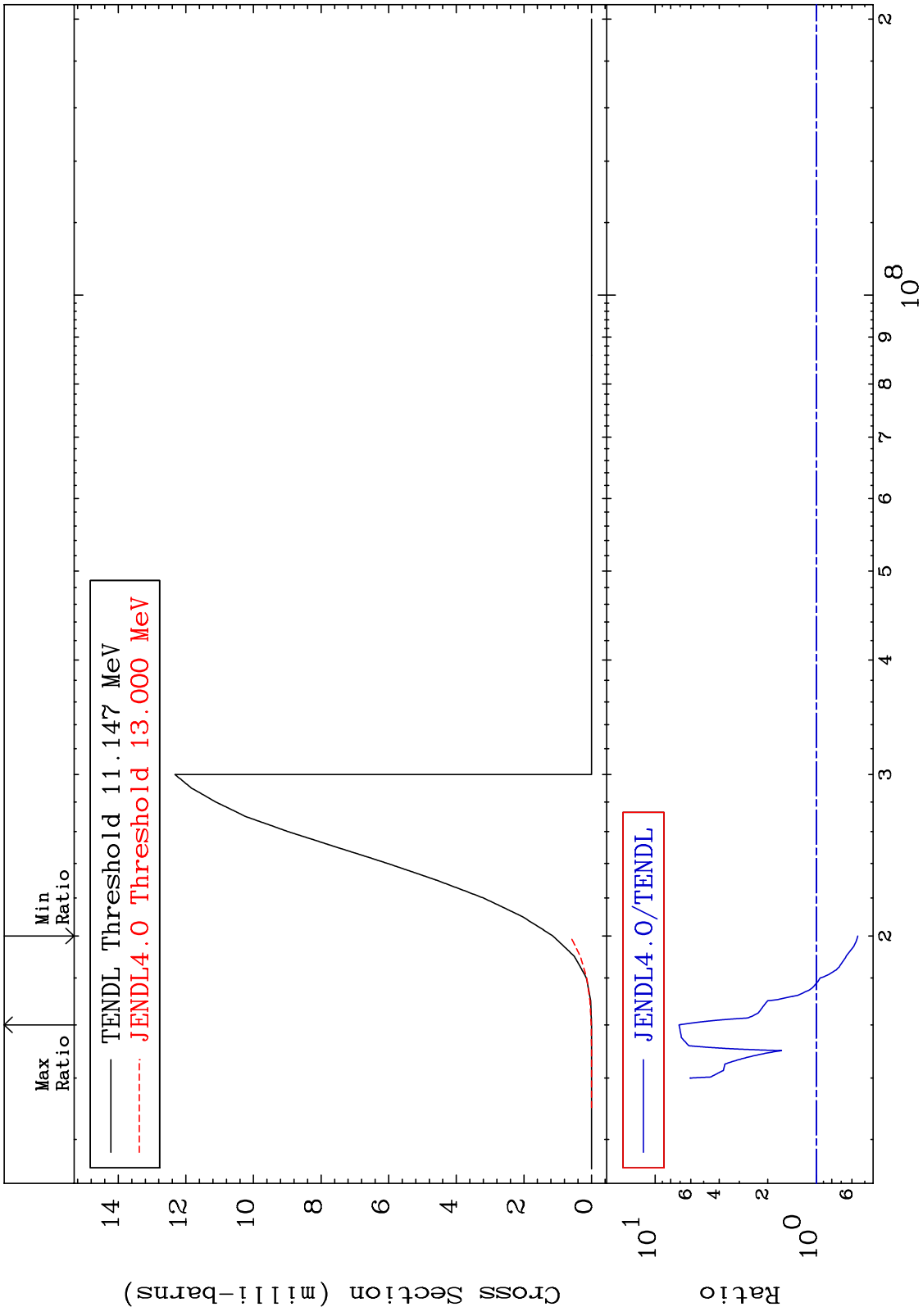
MAT 4225

(n, t)

42-Mo-92

Cross Section

-44.84 To 609.9 %



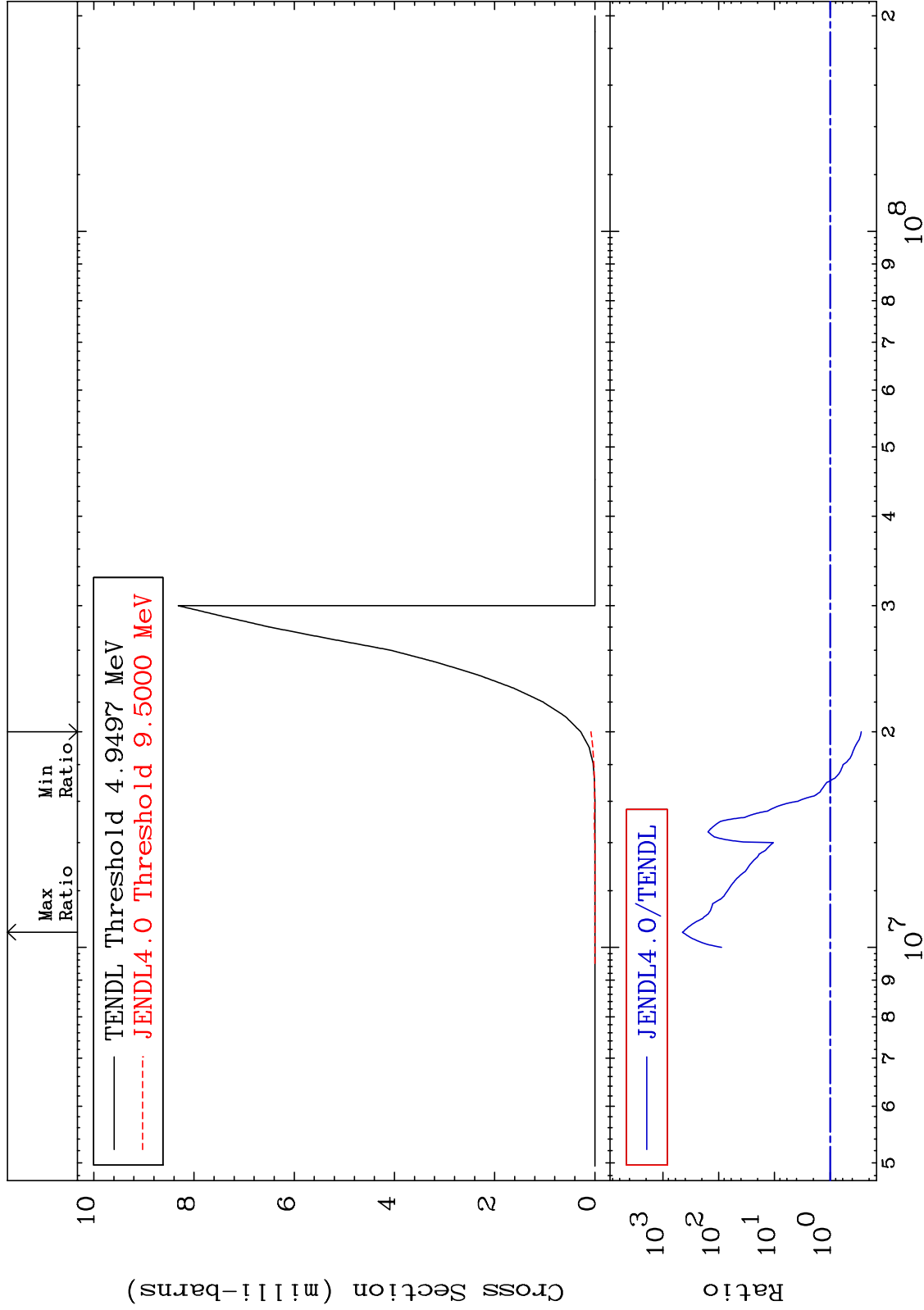
MAT 4225

(n, He-3)

42-Mo-92

Cross Section

-72.33 To 9999. %



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Incident Energy (eV)

42-Mo-92

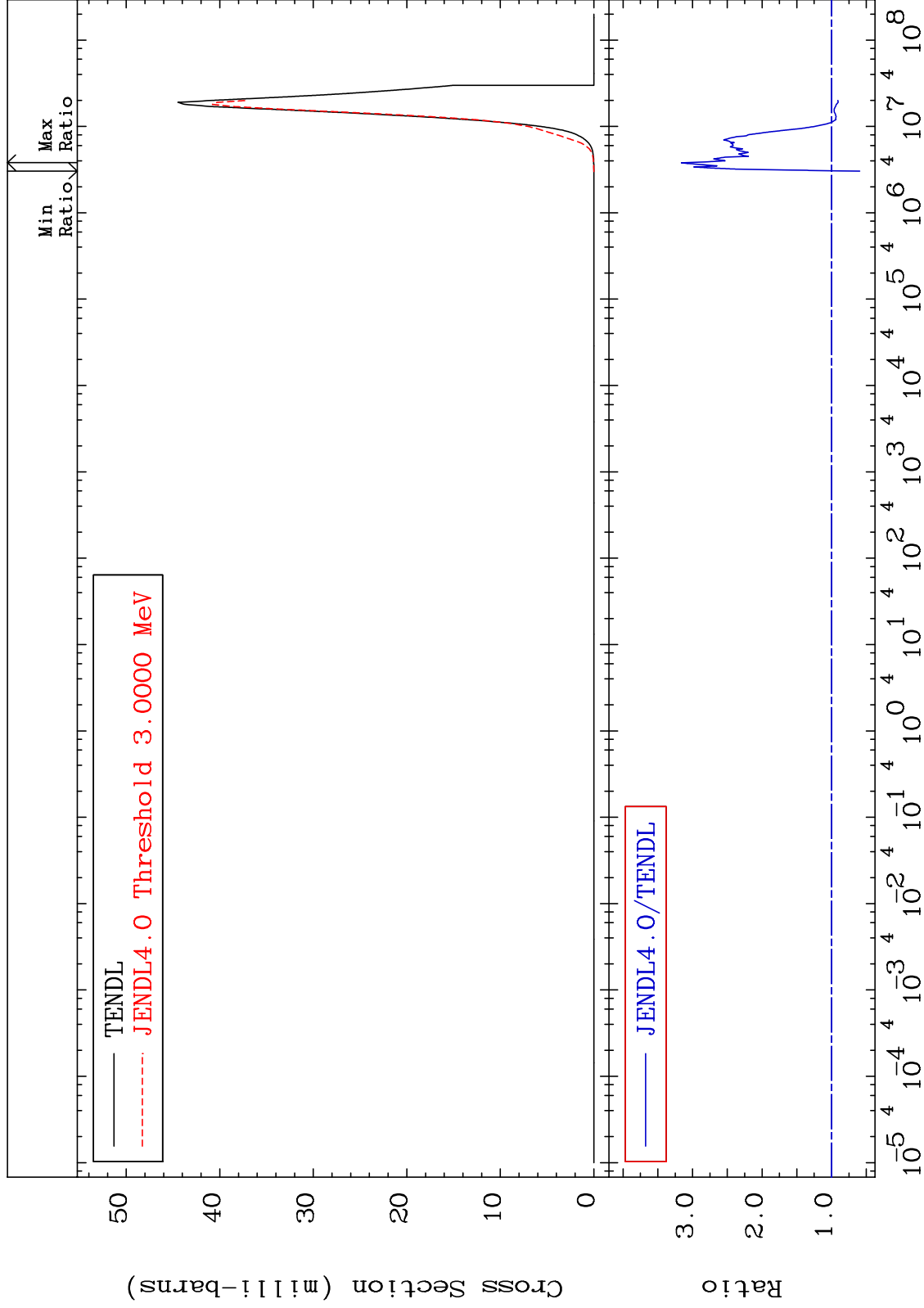
MAT 4225

(n, α)

42-Mo-92

Cross Section

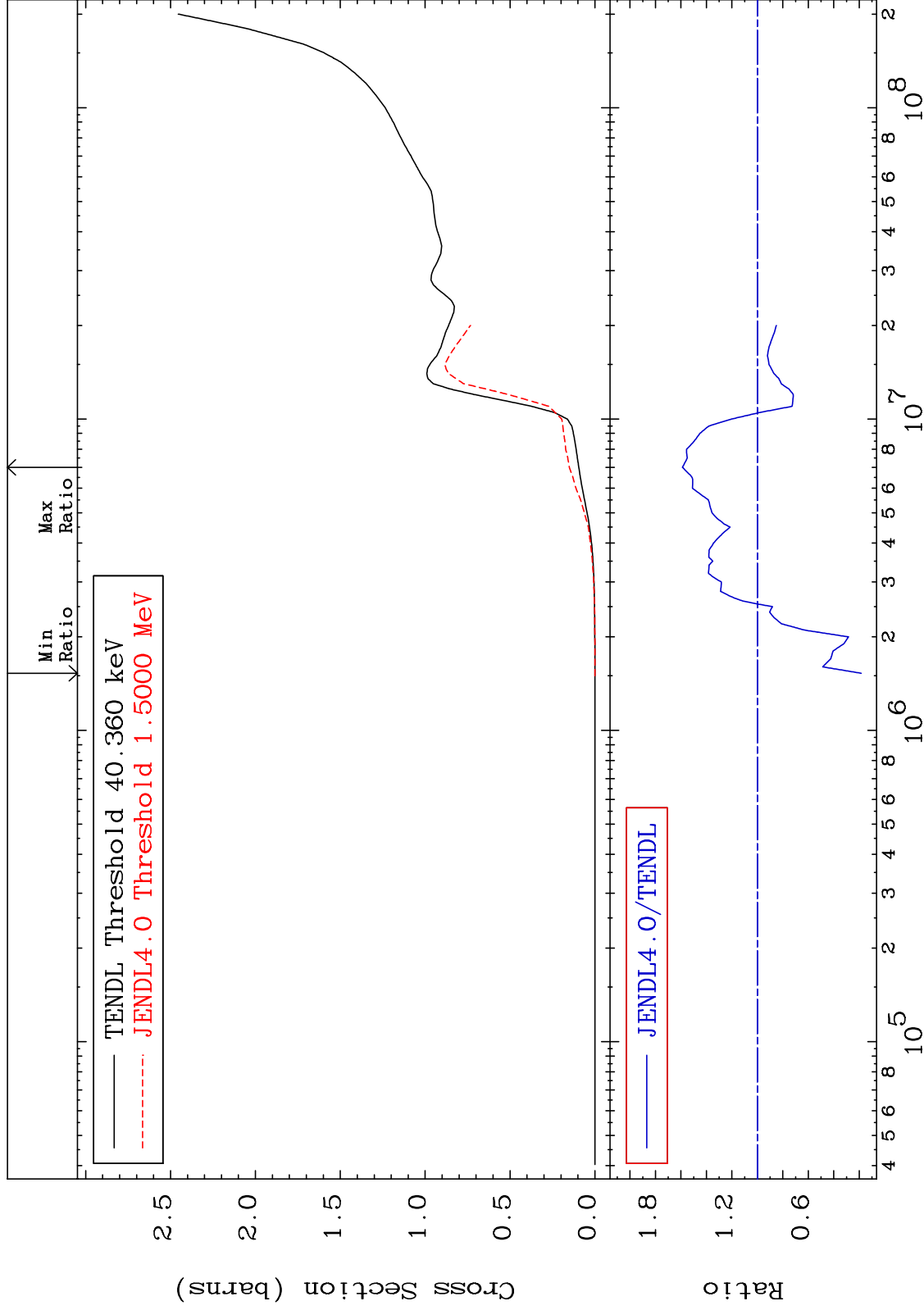
-40.58 To 216.3 %



MAT 4225

Hydrogen Production
Cross Section

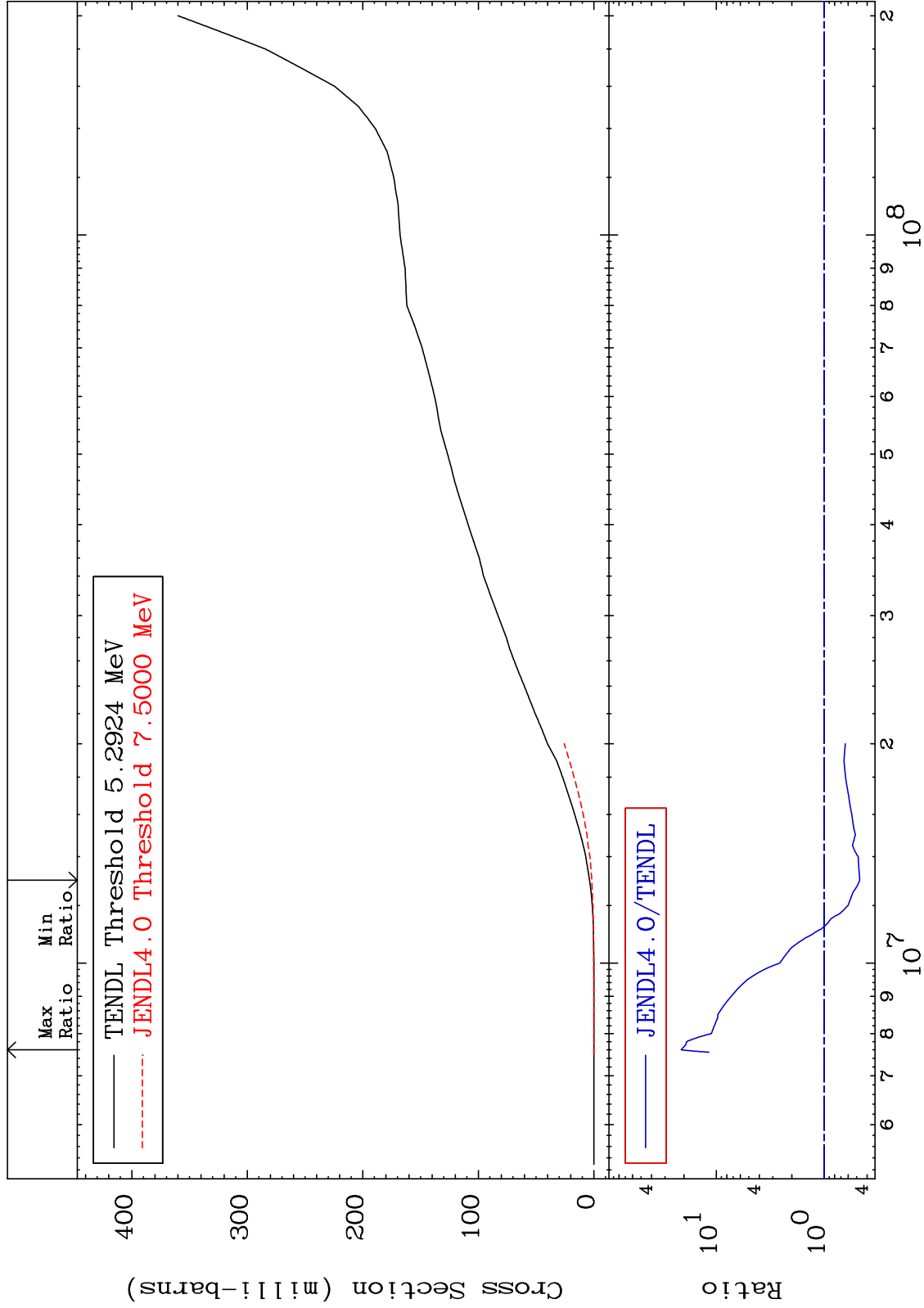
42-Mo-92
-81.58 To 58.80 %



MAT 4225

Deuterium Production
Cross Section

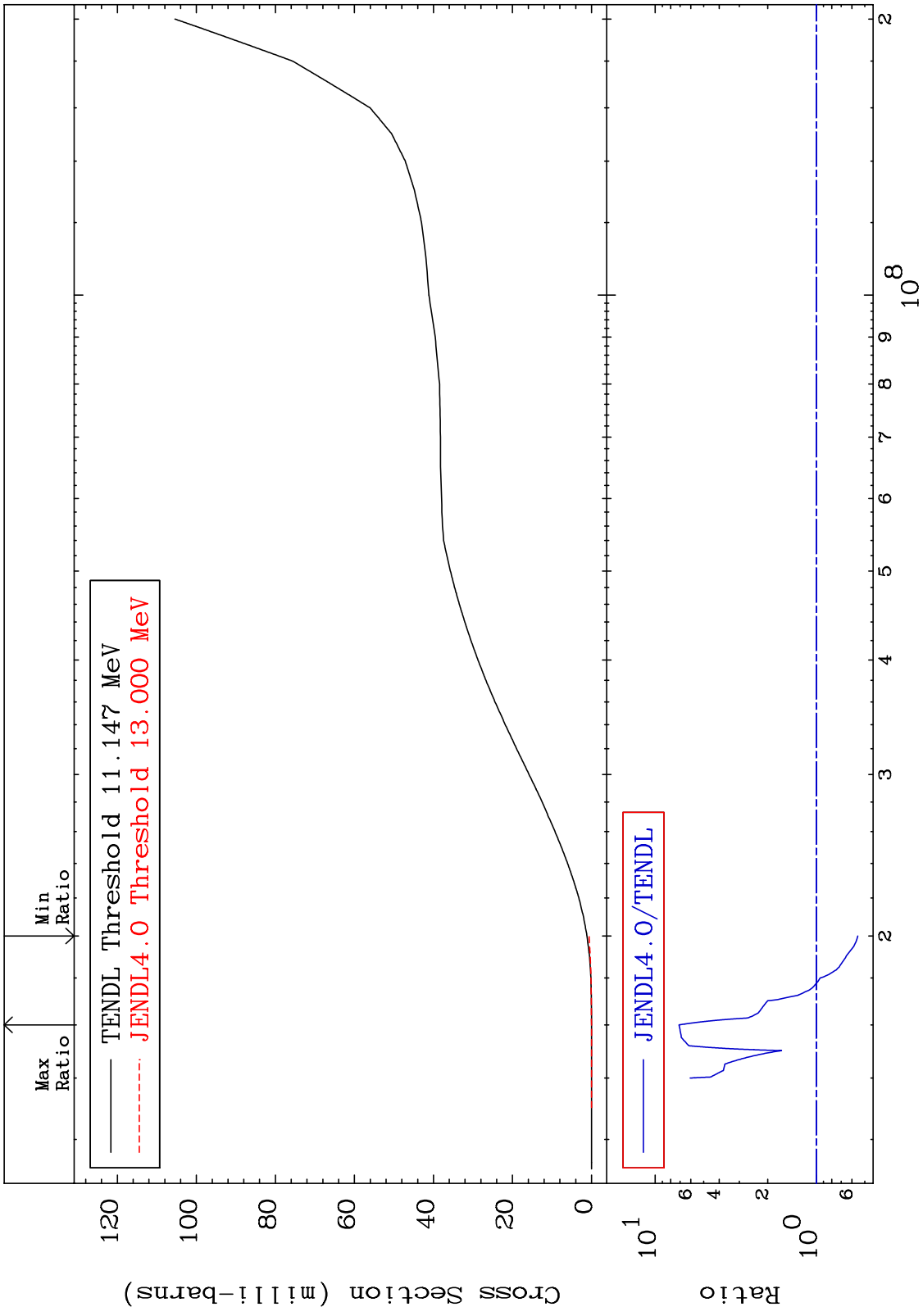
42-Mo-92
-53.19 To 2019. %



40

Incident Energy (eV)

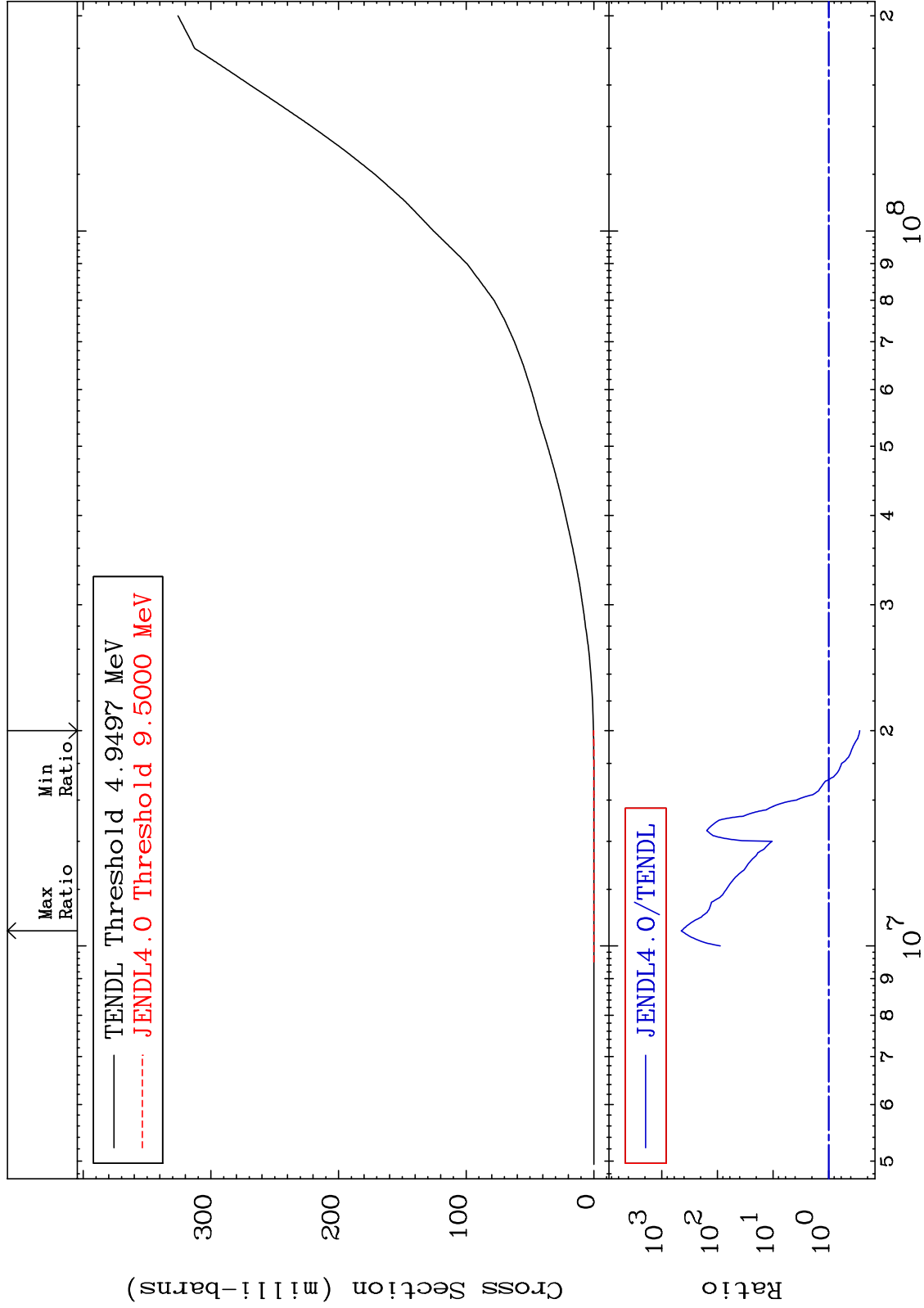
42-Mo-92



MAT 4225

He-3 Production
Cross Section

42-Mo-92
-72.33 To 9999. %



42

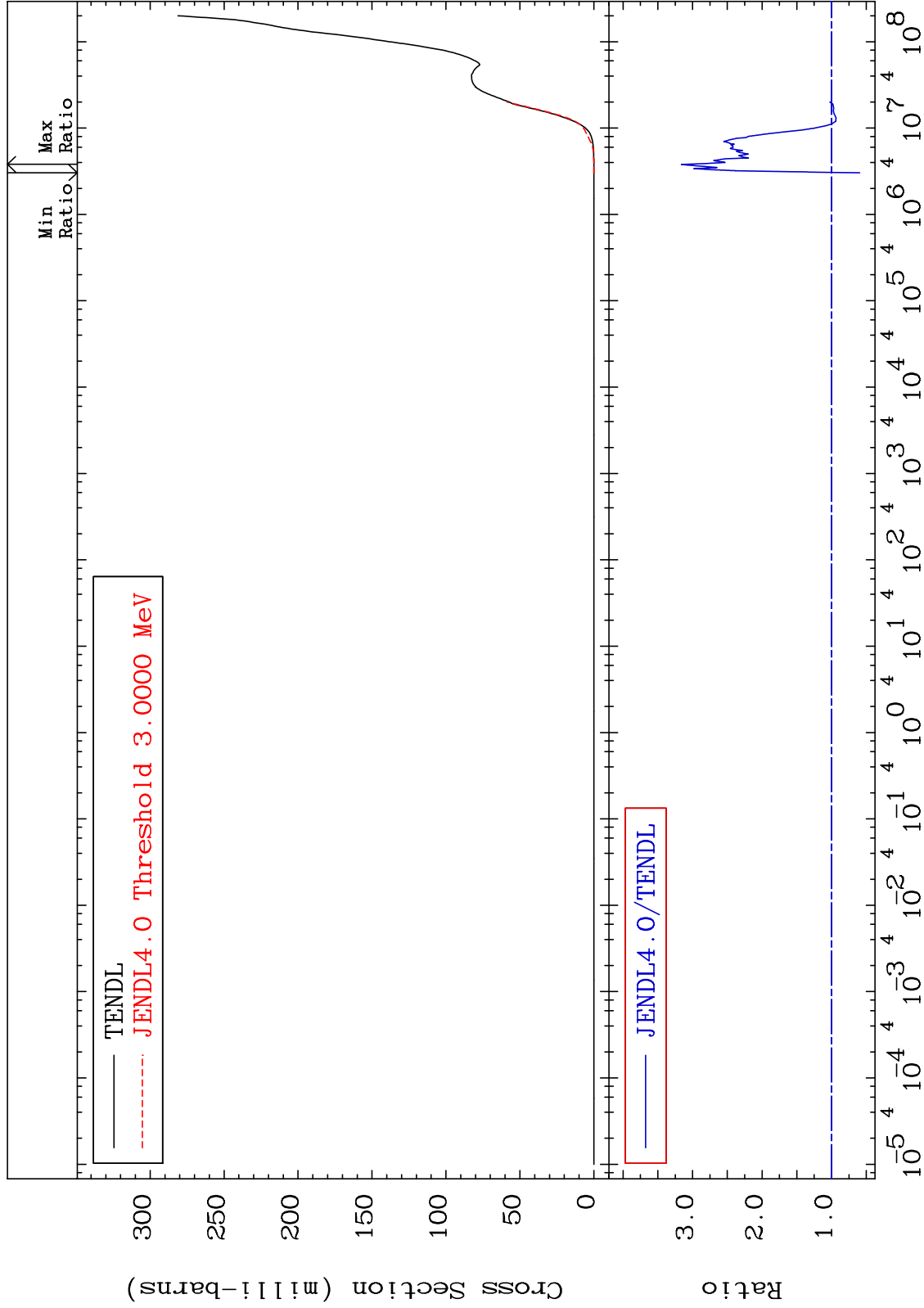
Incident Energy (eV)

42-Mo-92

MAT 4225

He-4 Production
Cross Section

42-Mo-92
-40.58 To 216.3 %

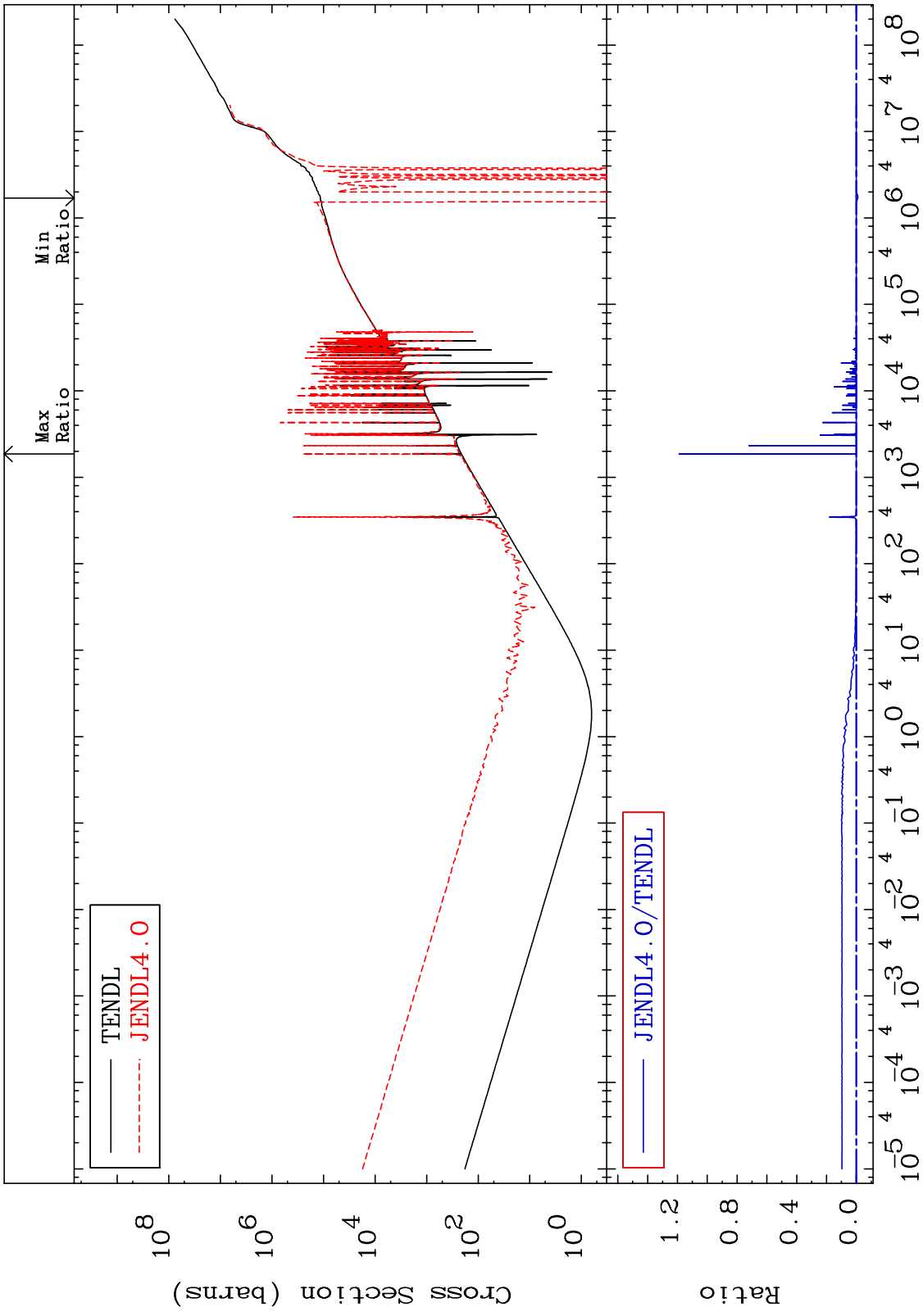


43

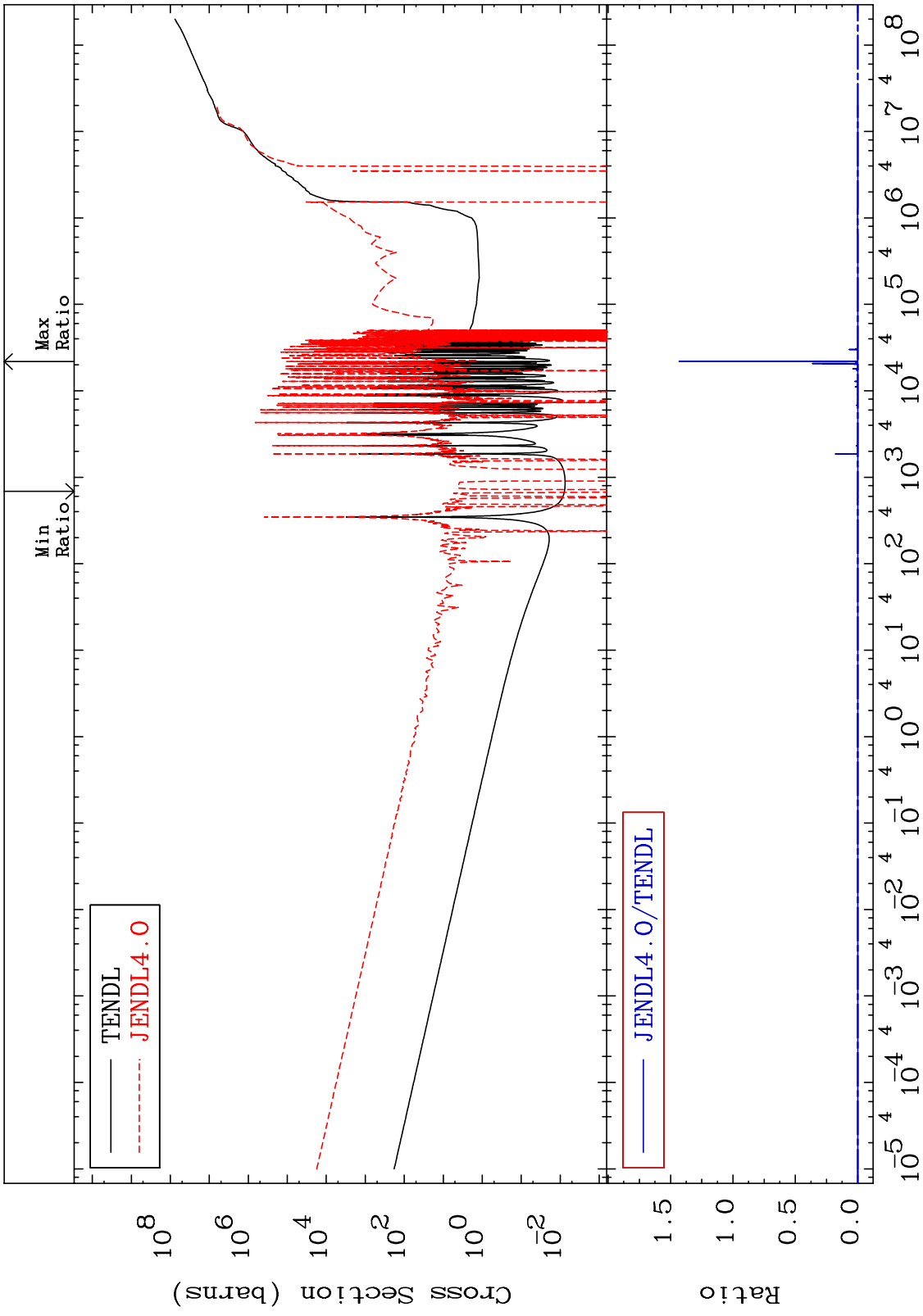
Incident Energy (eV)

42-Mo-92

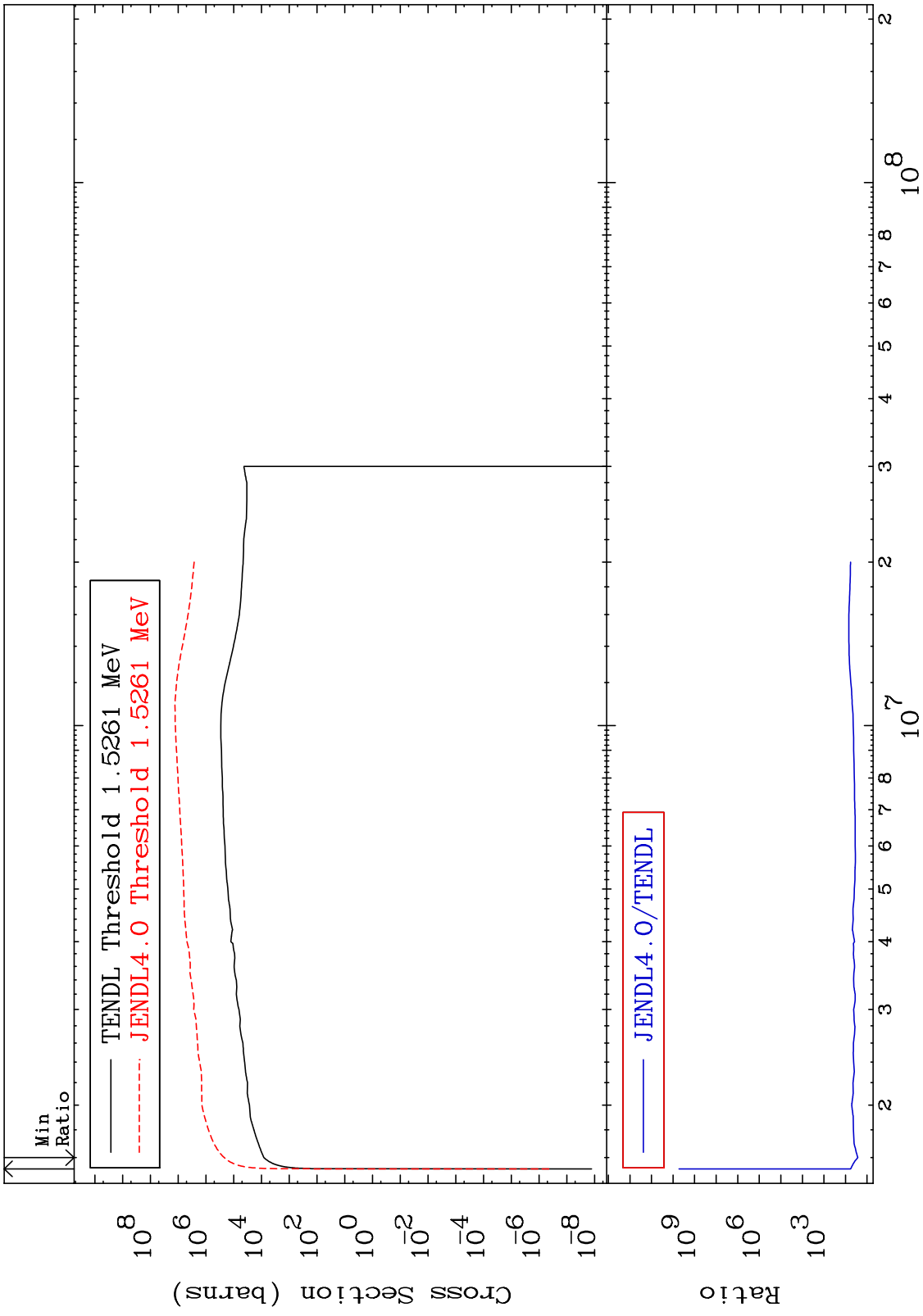
MAT 4225 Kerma total (eV-barns) Cross Section 42-Mo-92
 -1102. To 9999. %



MAT 4225 Kerma non-elastic (all but mt2) 42-Mo-92
 Cross Section -9999. To 9999. %



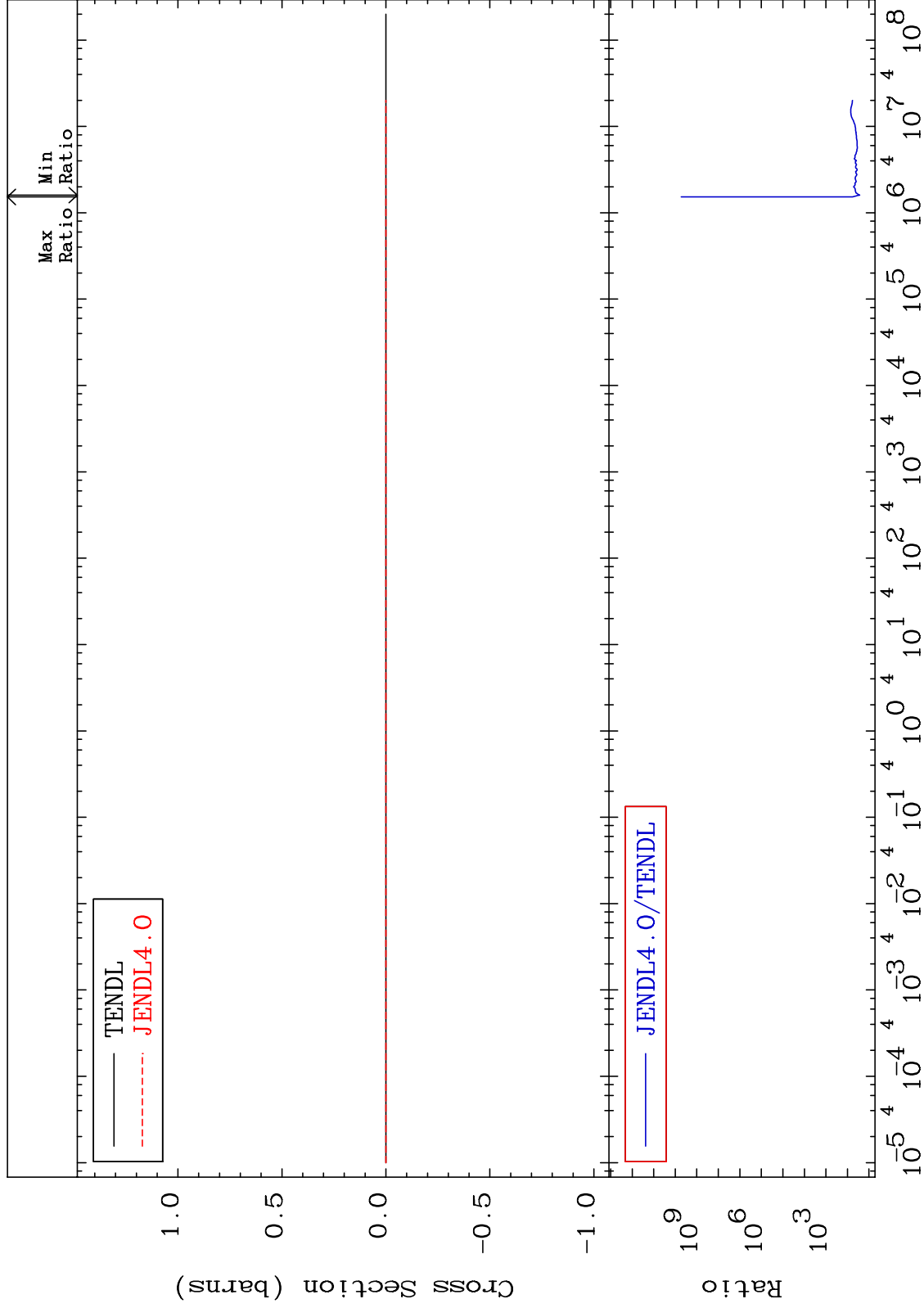
MAT 4225 Kerma inelastic (mt51-91) 42-Mo-92
 Cross Section 2579. To 9999. %



MAT 4225

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

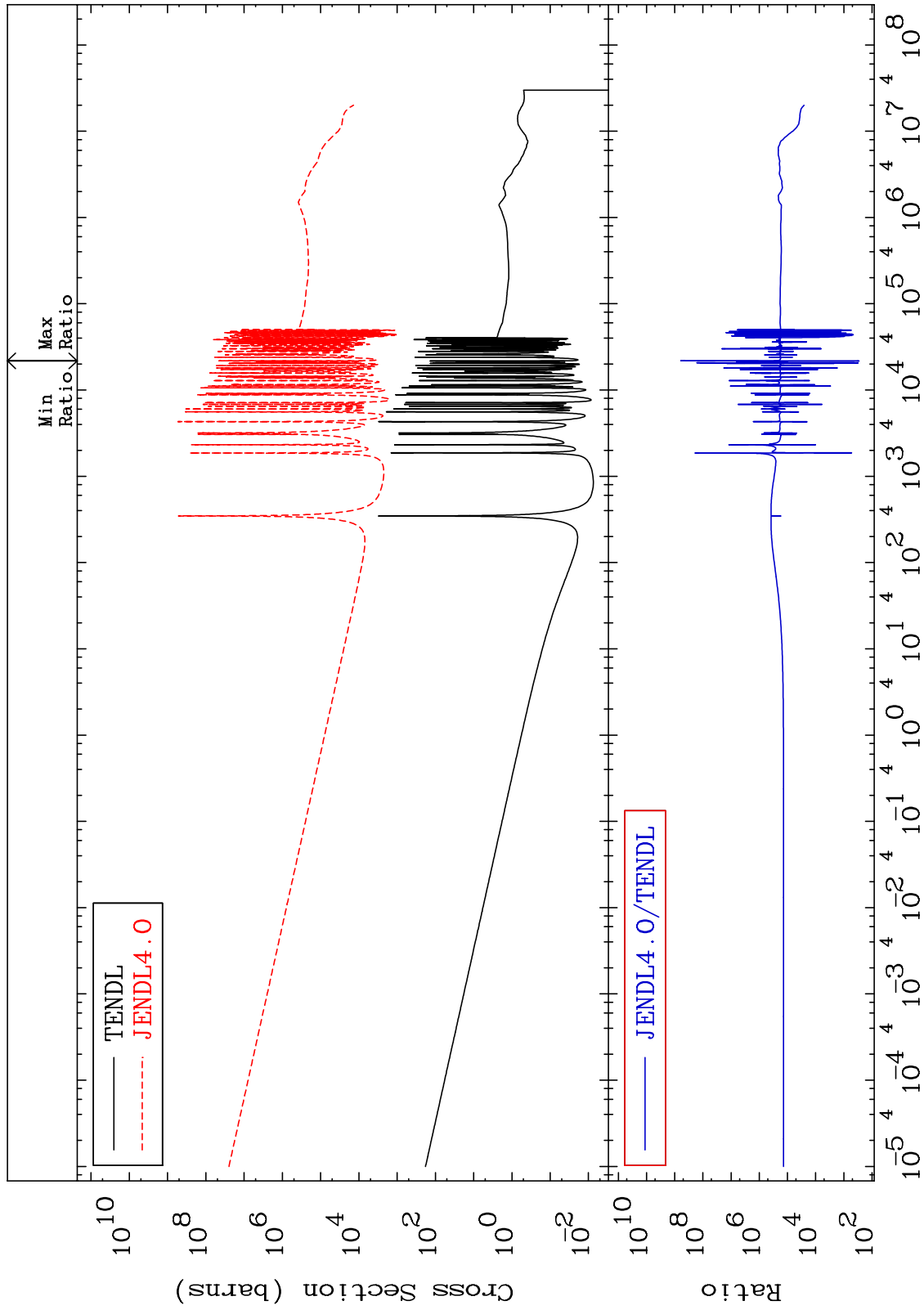
42-Mo-92
2579. To 9999. %



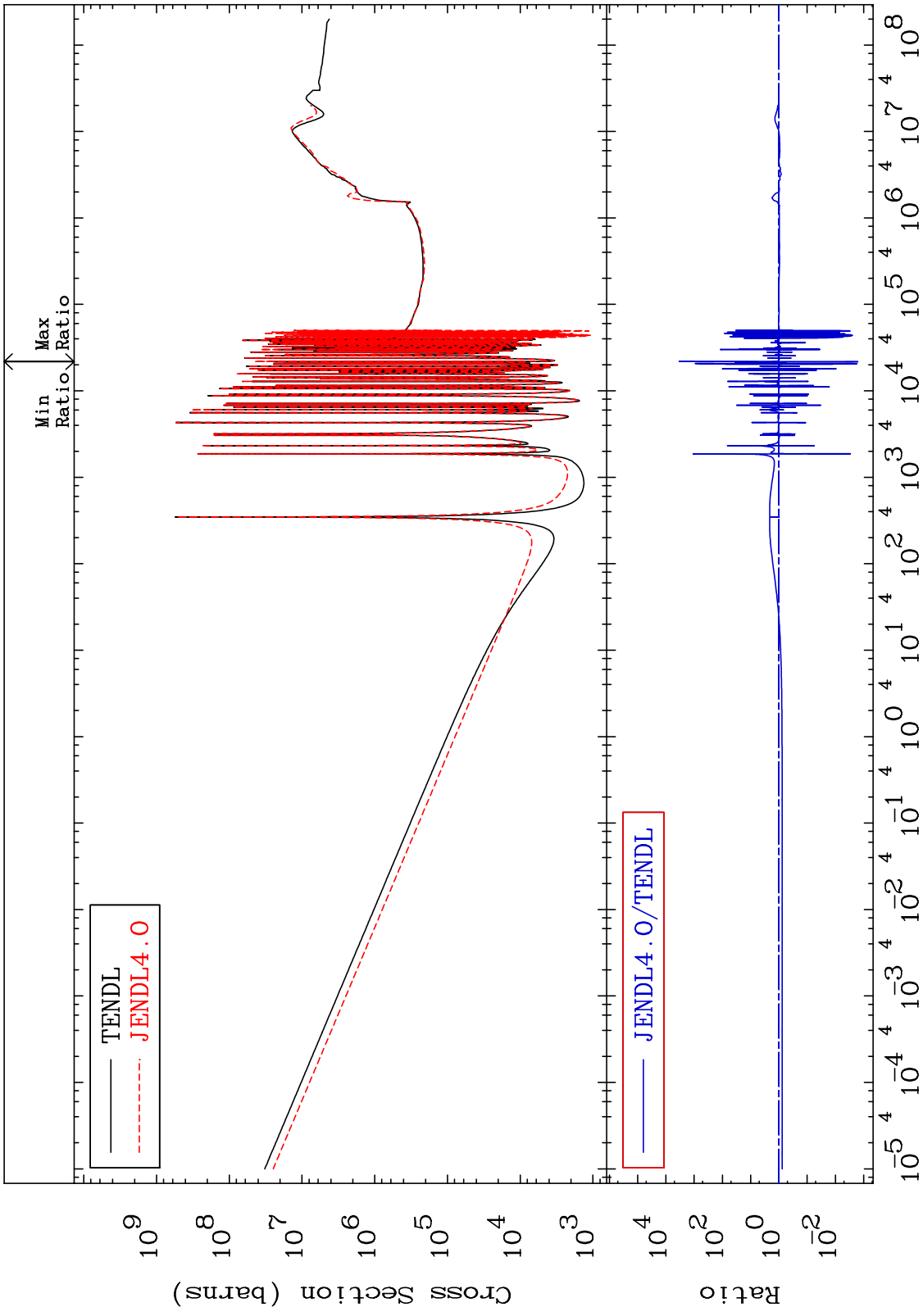
MAT 4225

Kerma capture (mt102)
Cross Section

42-Mo-92
9999. To 9999. %

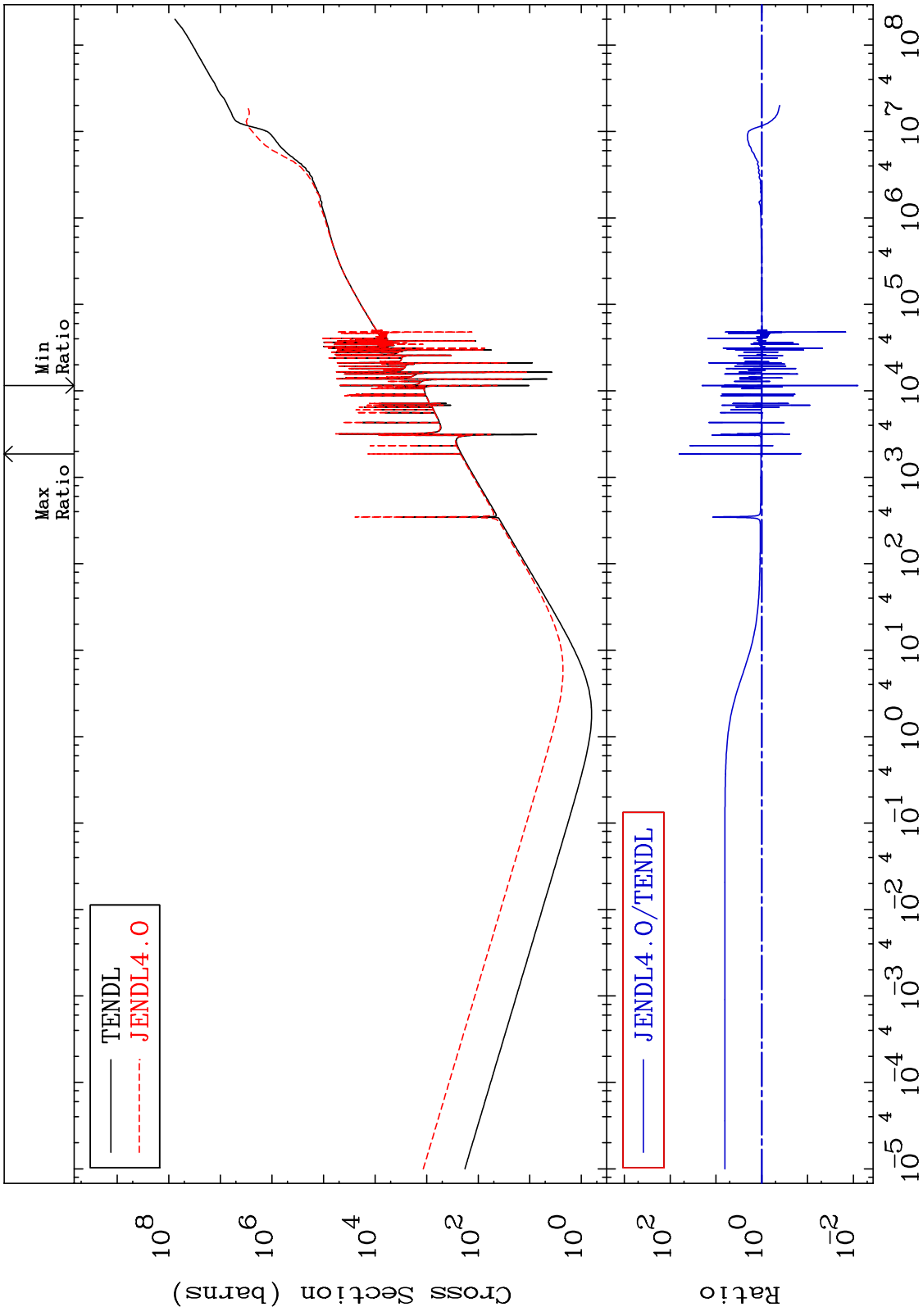


MAT 4225 42-Mo-92
 Total photon (eV-barns) -99.84 To 9999. %
 Cross Section



50 42-Mo-92

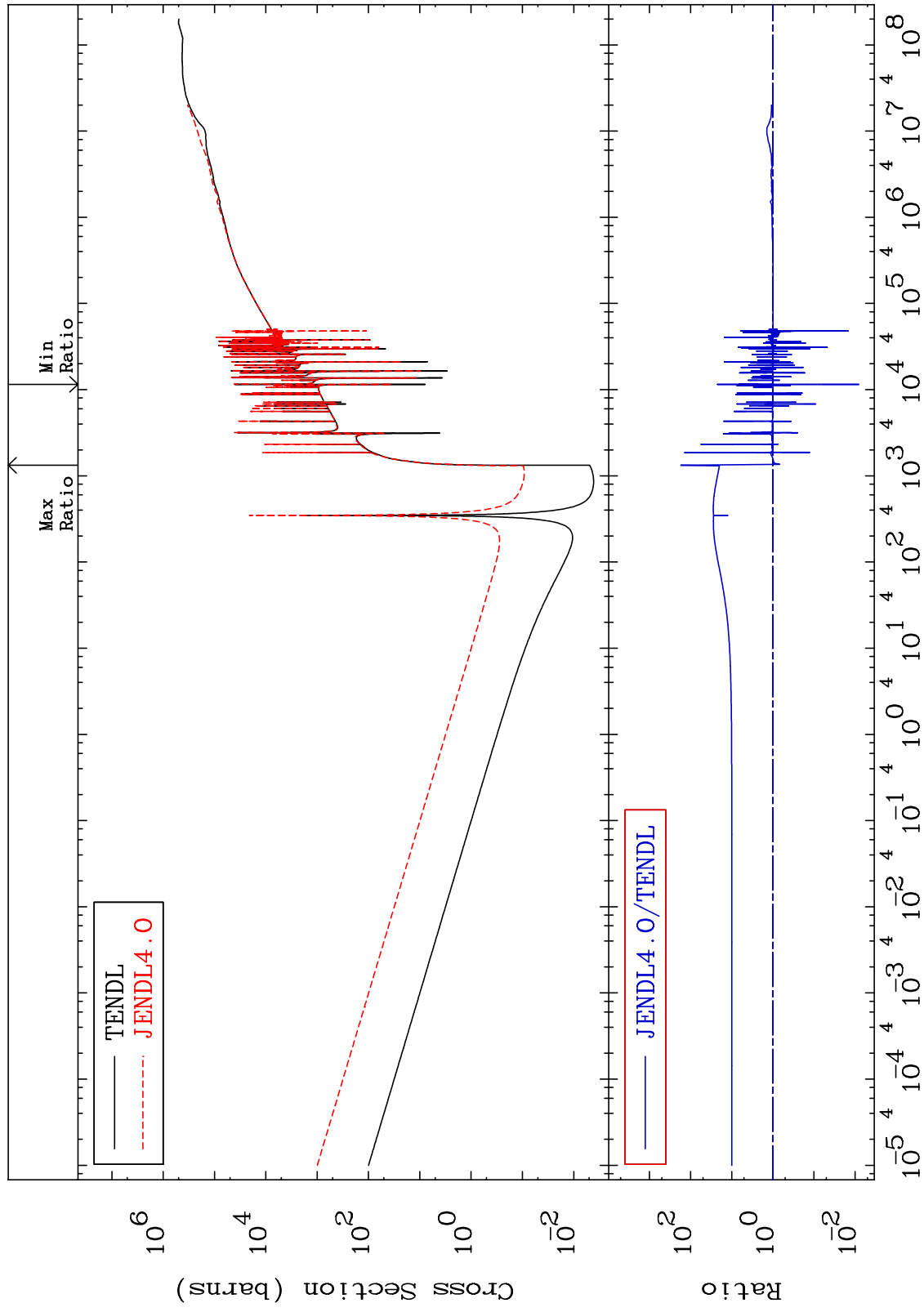
MAT 4225 Total kinematic kerma (high limit) 42-Mo-92
 Cross Section -99.20 To 6292. %

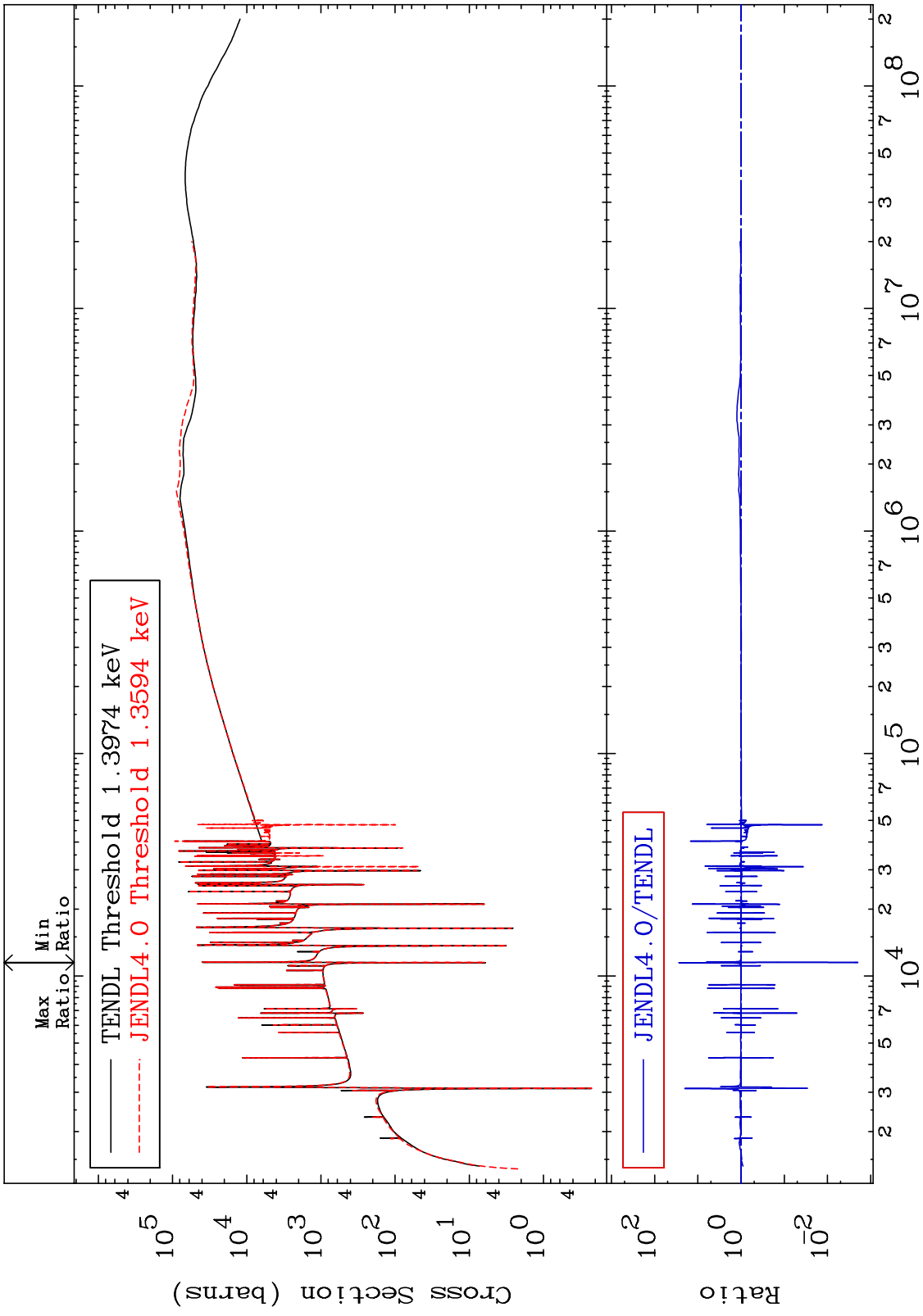


MAT 4225

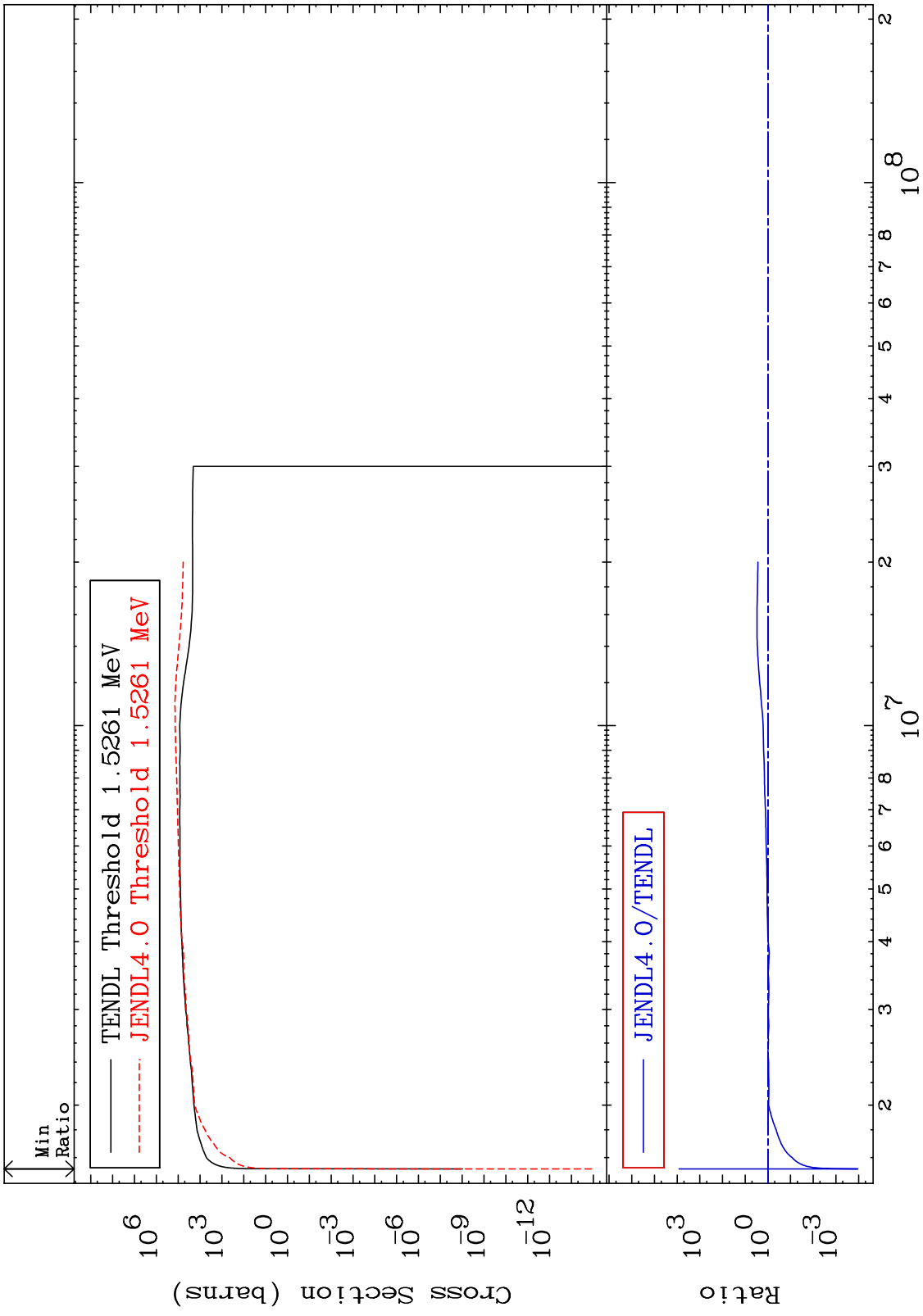
Dpa total (eV-barns)
Cross Section

42-Mo-92
-99.20 To 9999. %





MAT 4225 Dpa inelastic (mt51-91) 42-Mo-92
 Cross Section -99.99 To 9999. %



MAT 4225

Dpa disappearance (mt102 -120)
Cross Section

42-Mo-92
-96.61 To 9999. %

