

Program Complot
(Version 2018-1)

by

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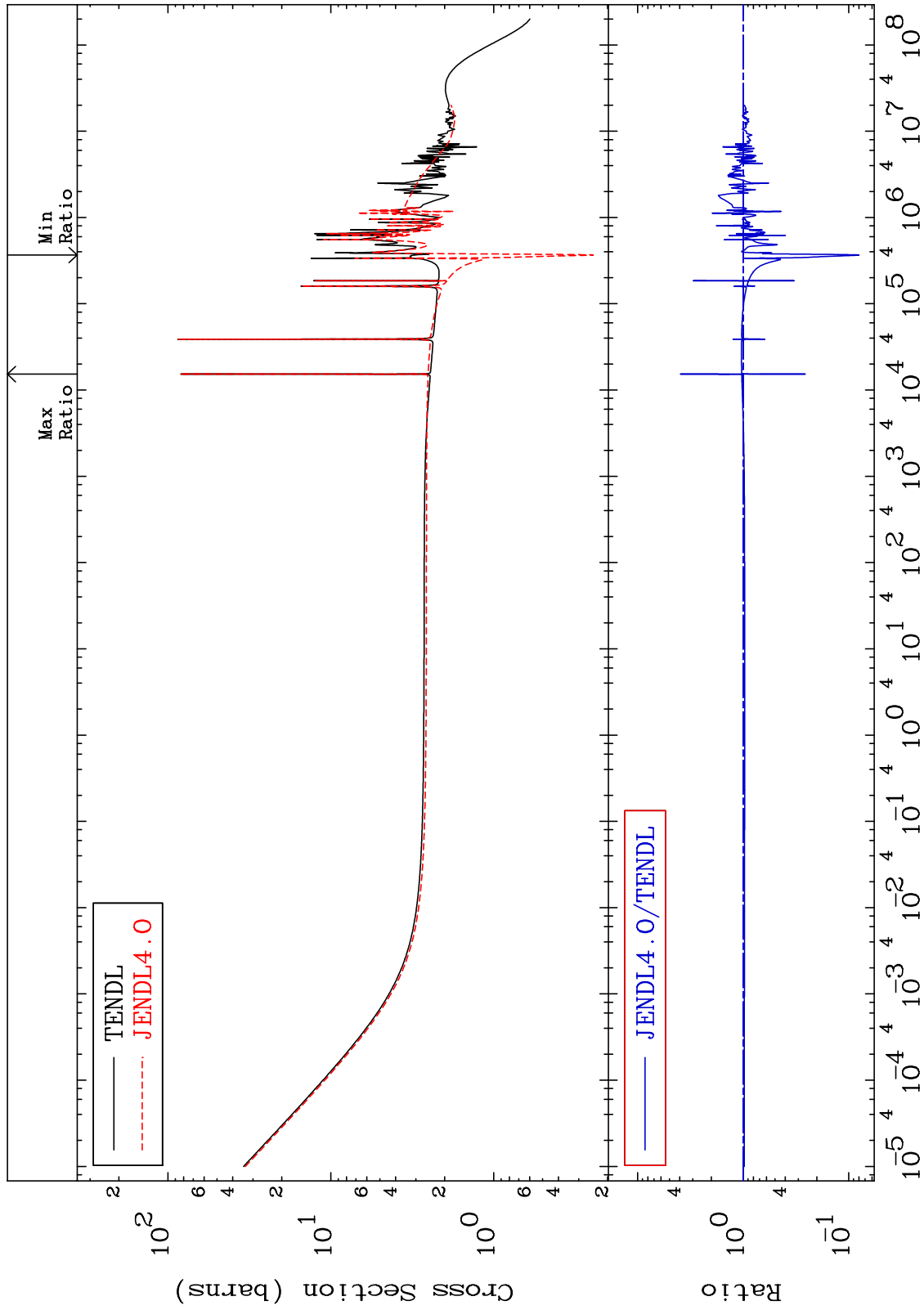
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Press Mouse Button to Start

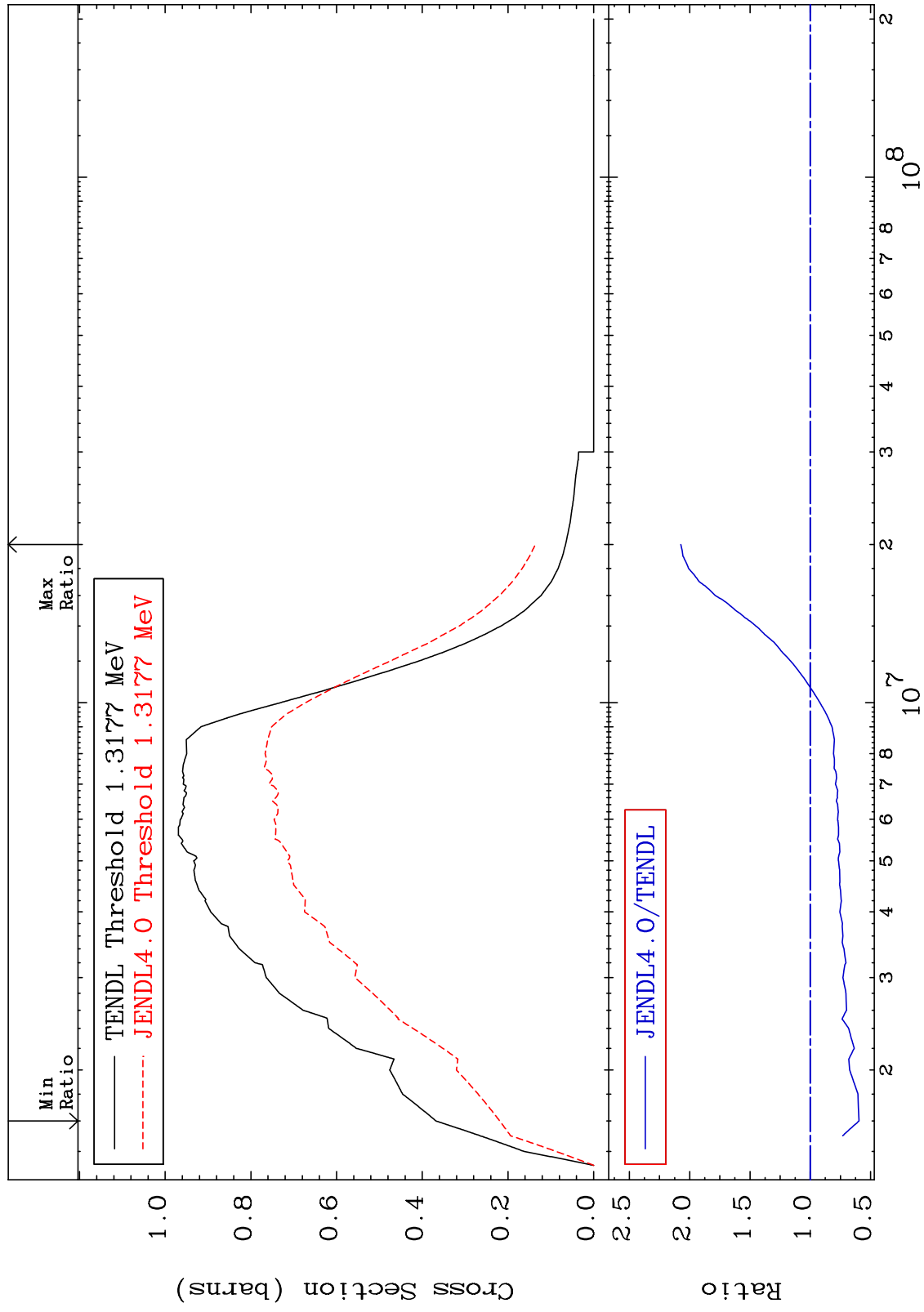
MAT 1428 14-Si-29 Total Cross Section -92.02 To 291.3 %



14-Si-29

MAT 1428 14-Si-29 -40.46 To 107.3 %

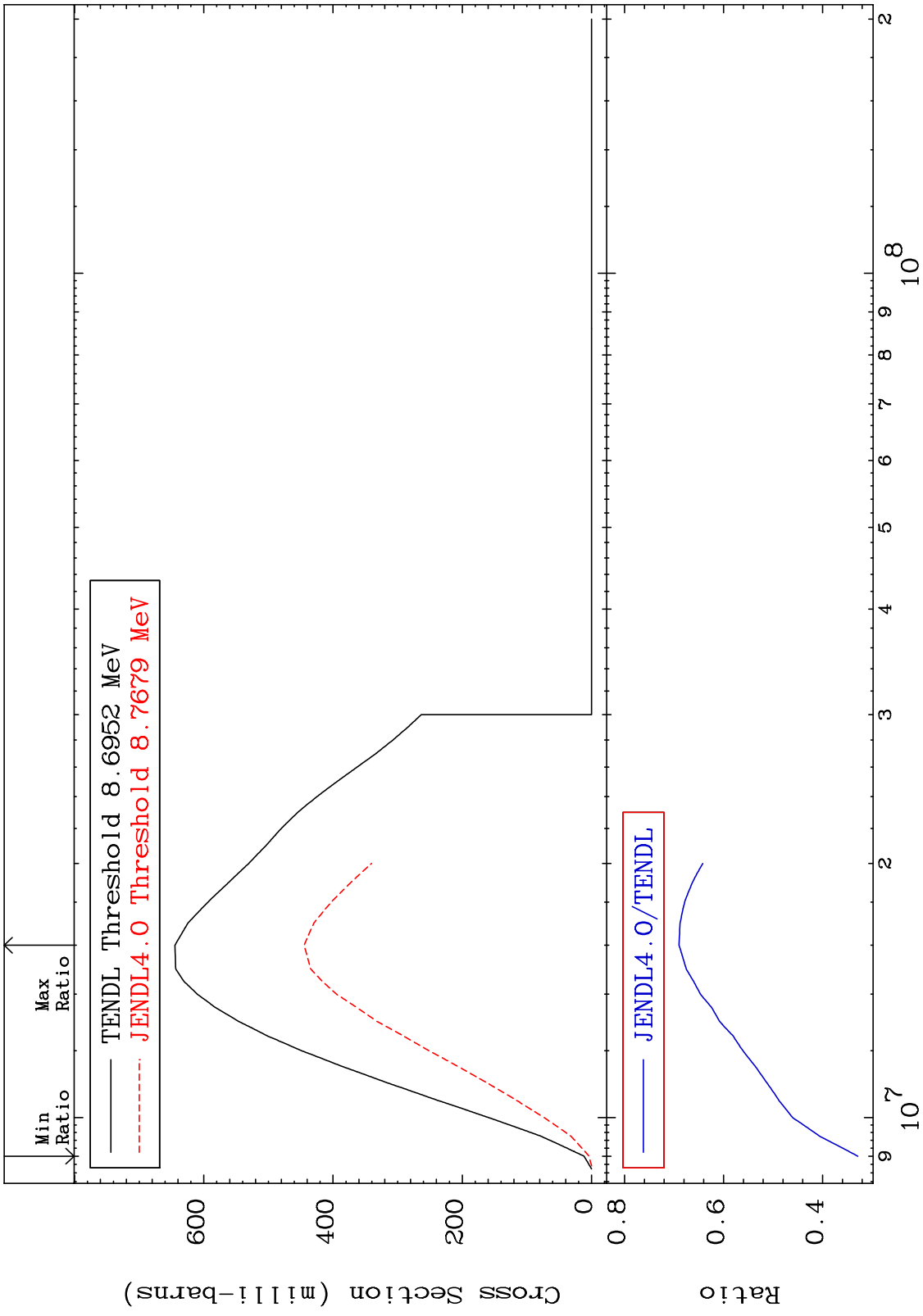
Inelastic Cross Section



14-Si-29

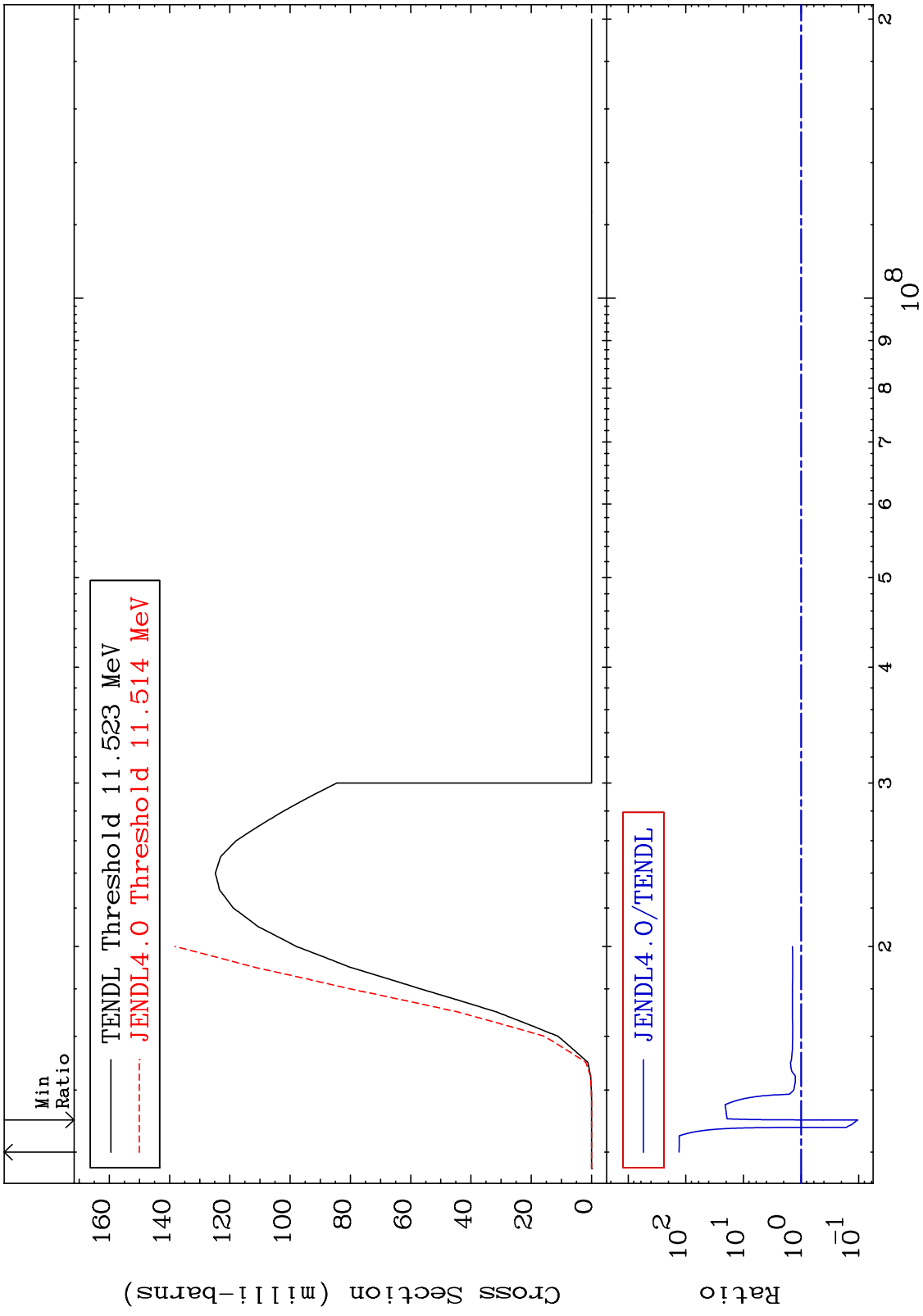
Incident Energy (eV)

MAT 1428 (n,2n) Cross Section 14-Si-29 -67.11 To -31.01%

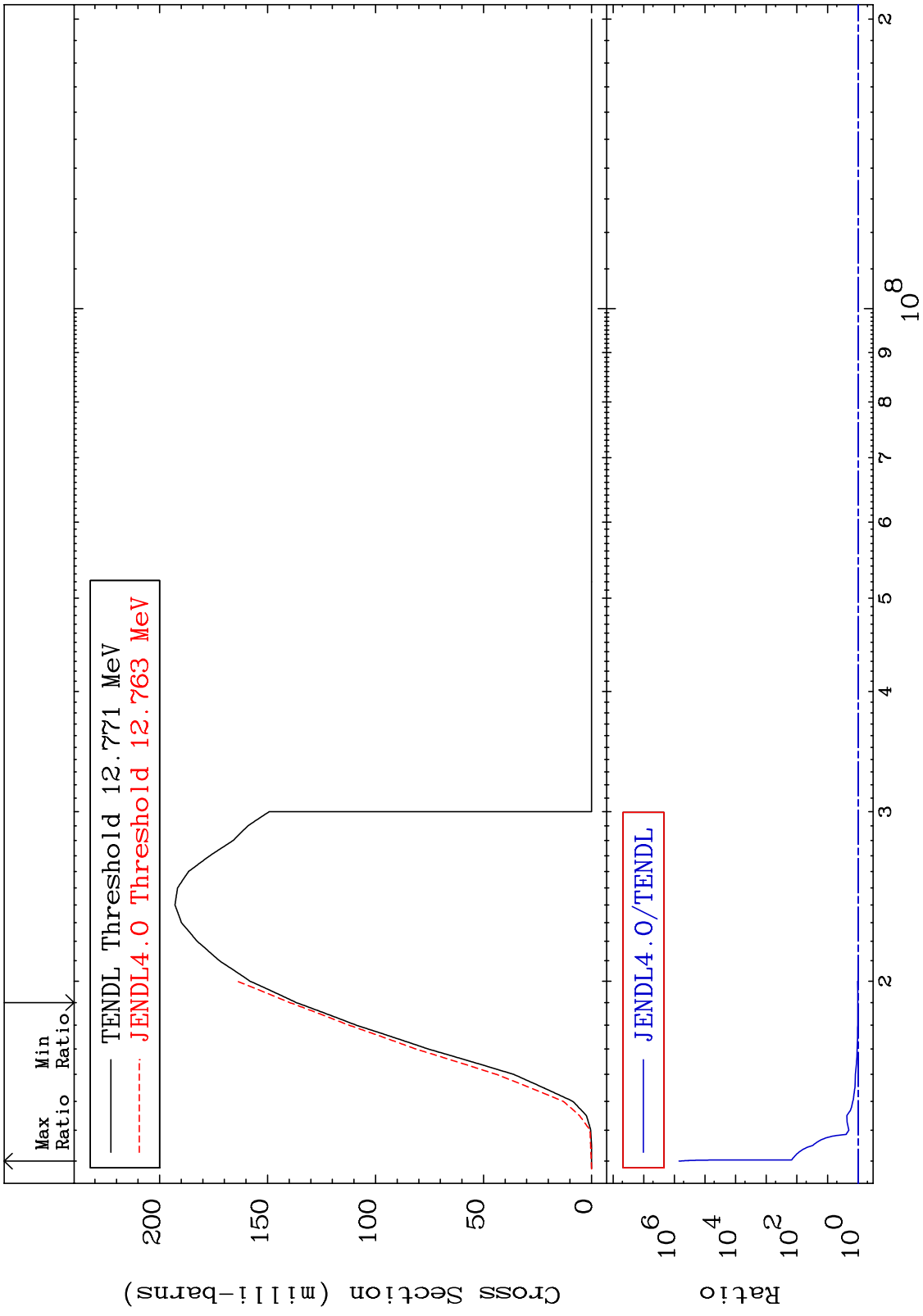


14-Si-29 Incident Energy (eV)

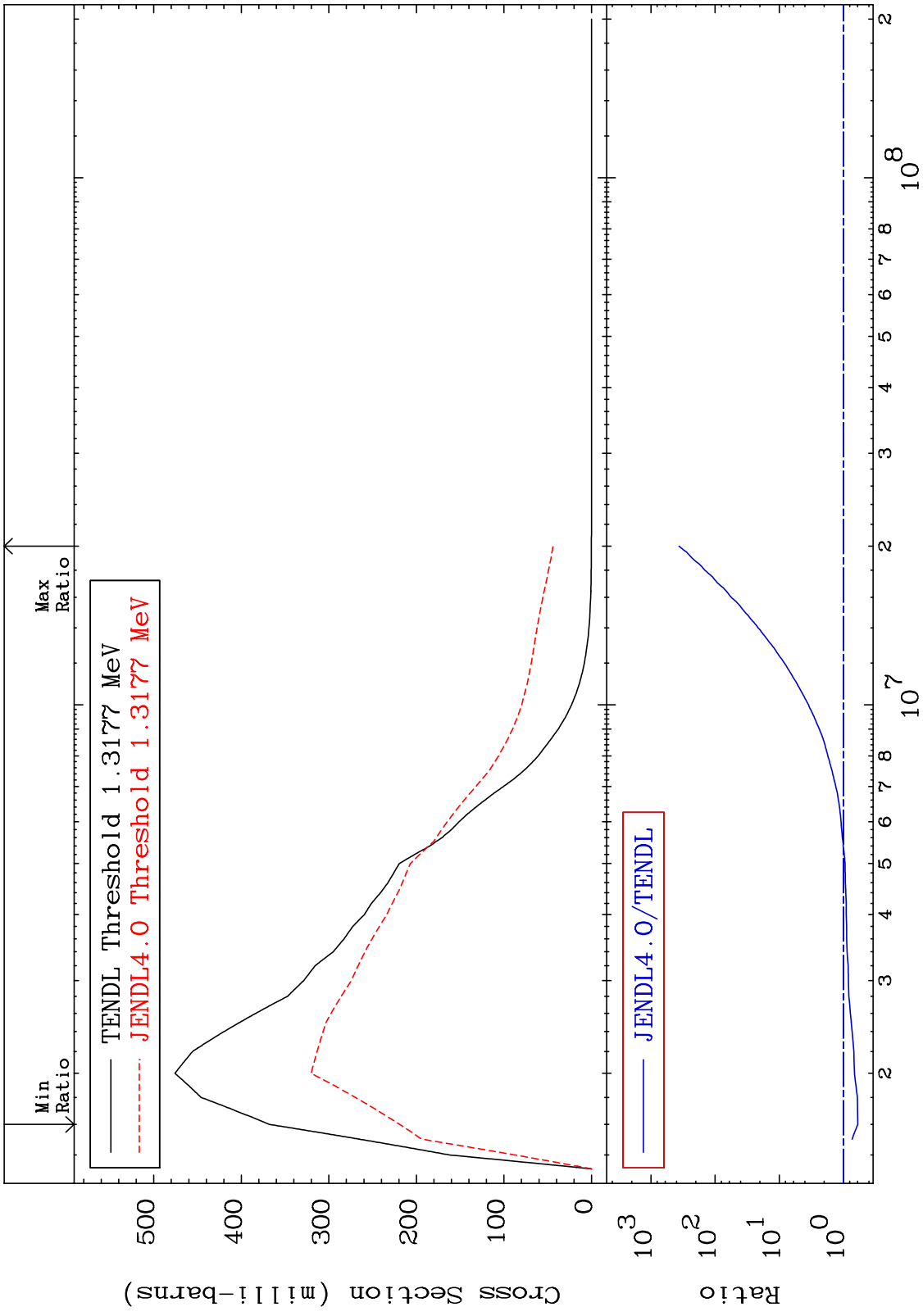
MAT 1428 $(n, n') \alpha$ 14-Si-29
 Cross Section -89.64 To 9999. %



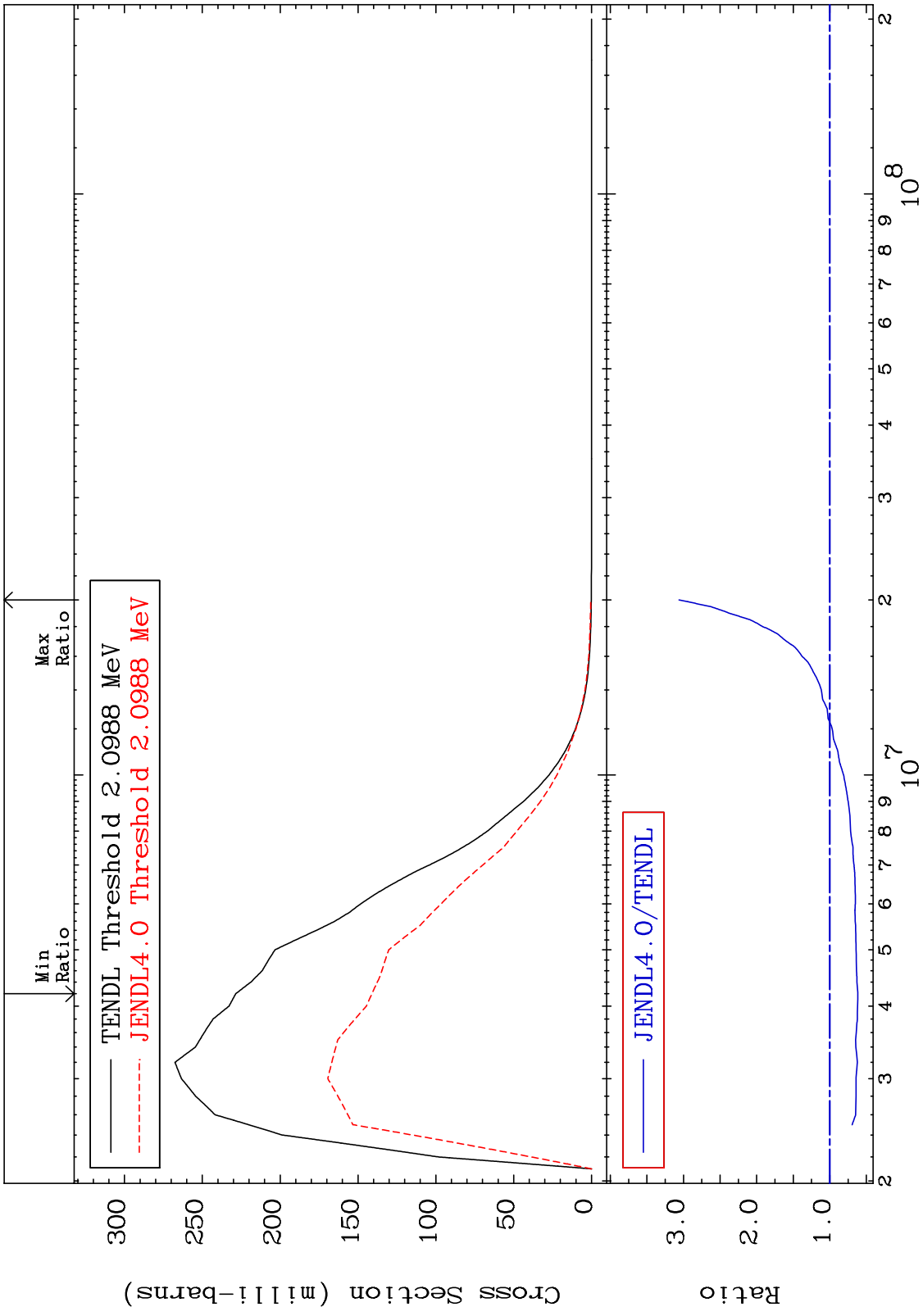
MAT 1428 (n,n') p 14-Si-29
 Cross Section 2.224 To 9999. %



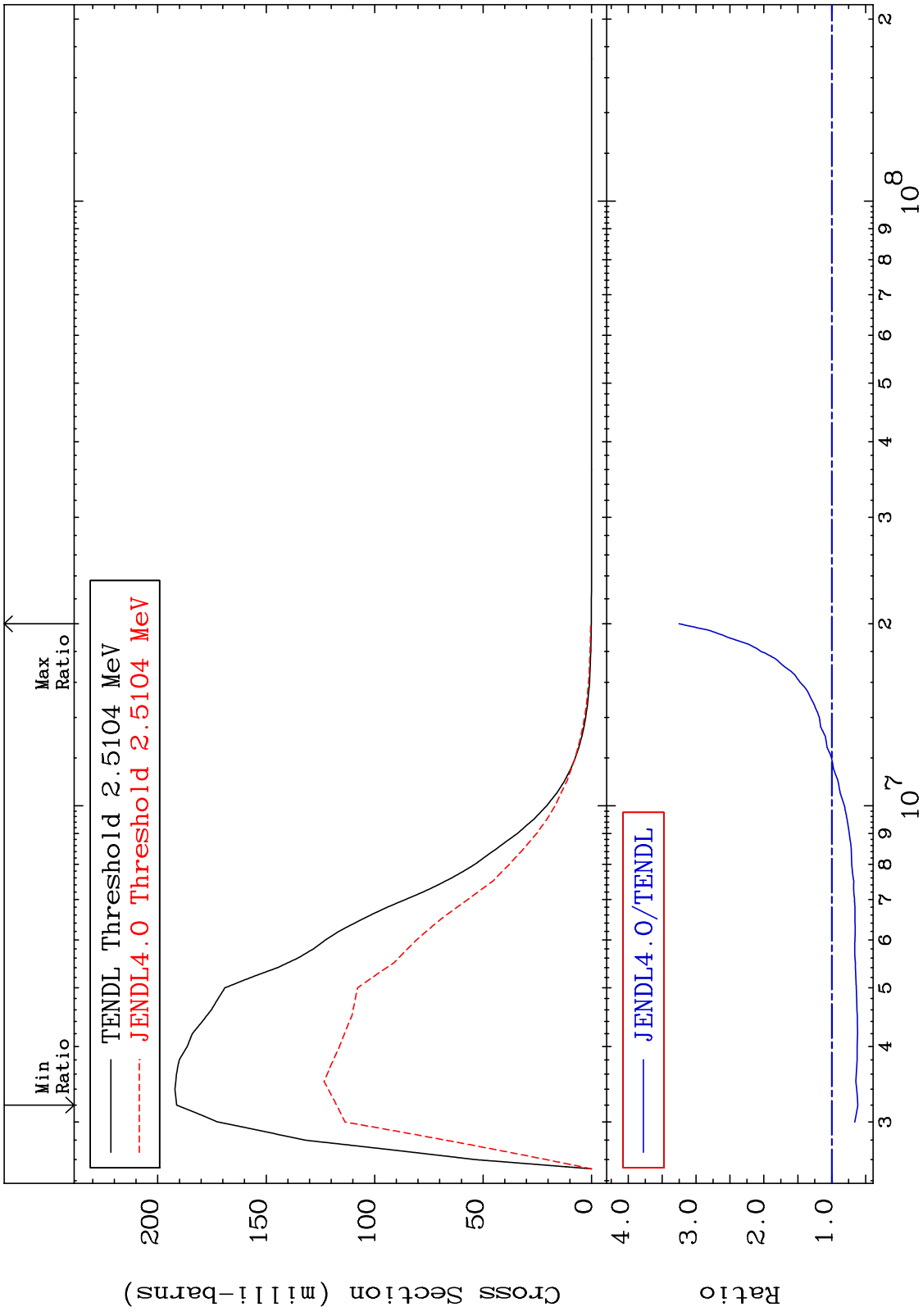
MAT 1428 MT= 51 (n,n') Level Cross Section -40.46 To 9999. % 14-Si-29



MAT 1428 MT= 52 (n,n') Level Cross Section -38.27 To 206.1 % 14-Si-29

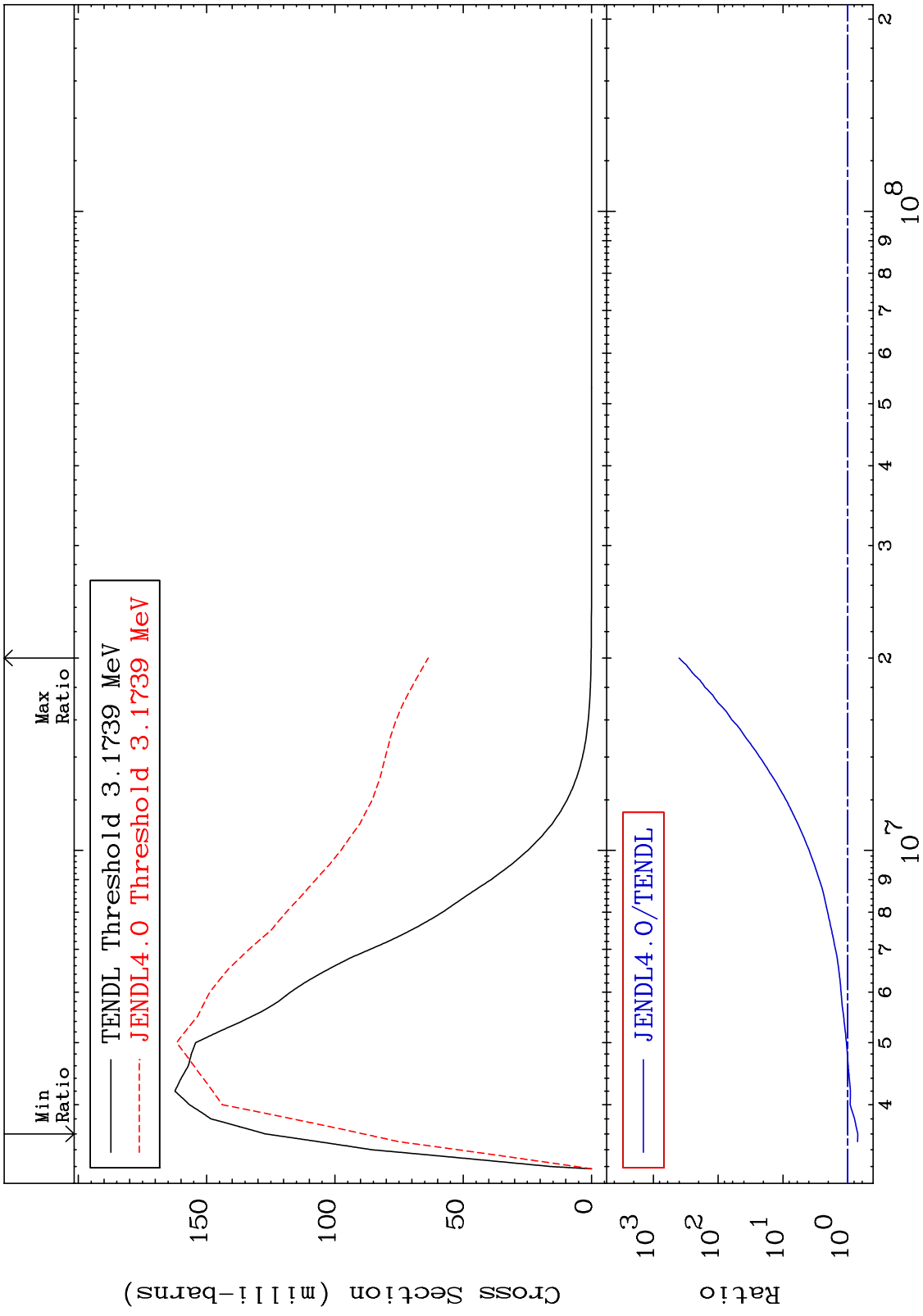


MAT 1428 MT= 53 (n,n') Level Cross Section 14-Si-29
 -38.53 To 225.1 %



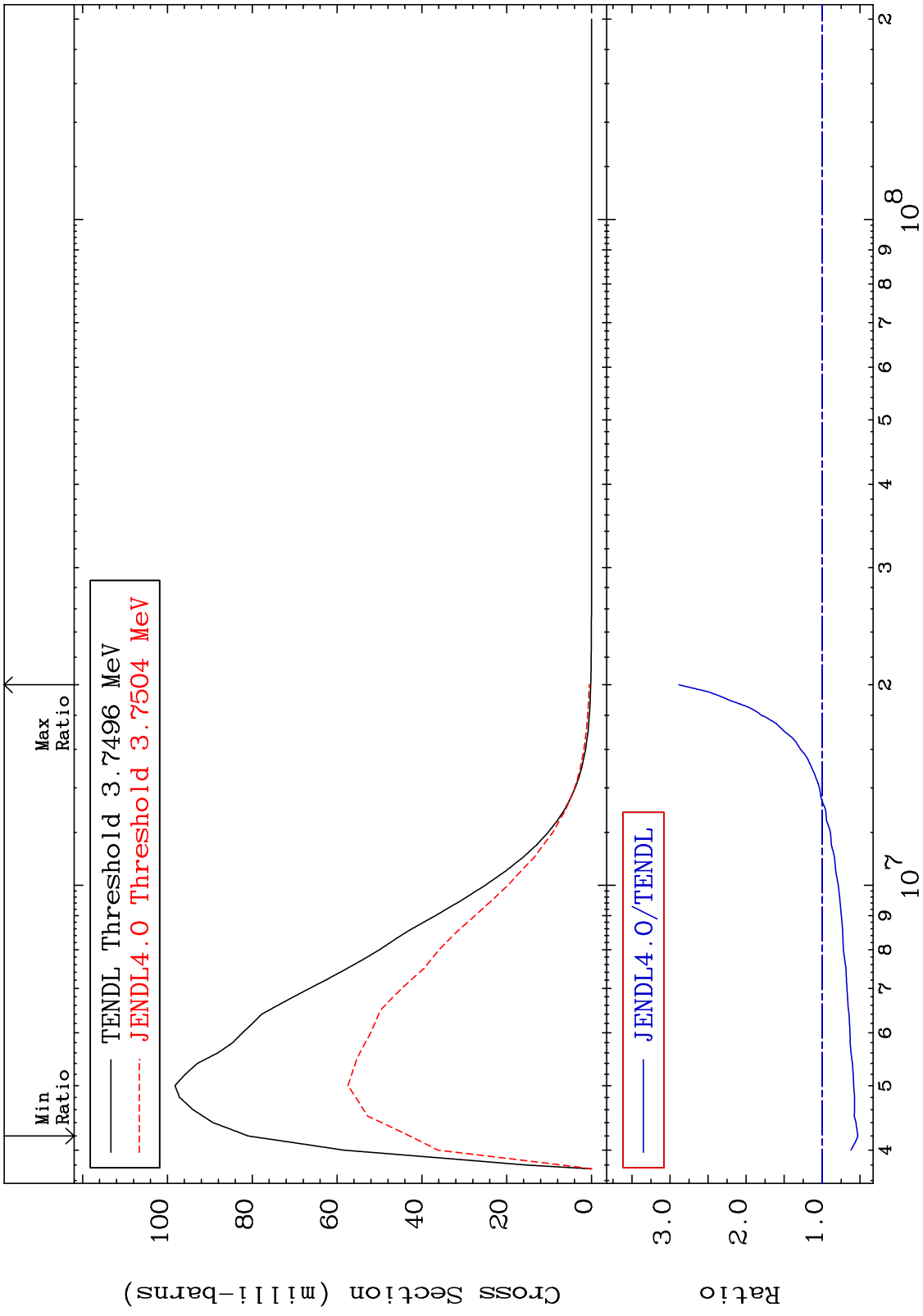
9 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 54 (n,n') Level Cross Section 14-Si-29
 -30.08 To 9999. %

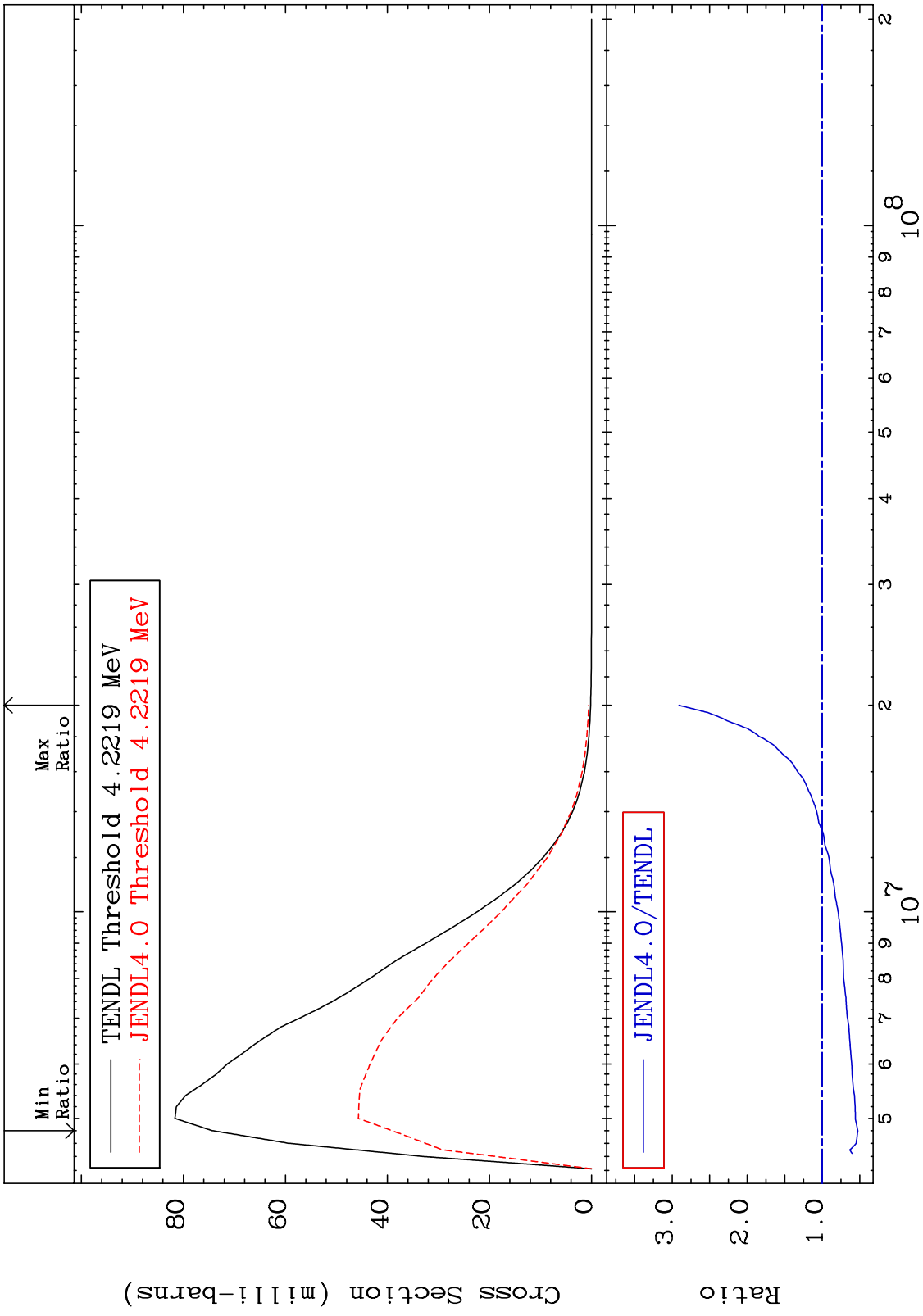


10 14-Si-29 Incident Energy (eV)

MAT 1428 MT= 55 (n,n') Level Cross Section -47.05 To 188.1 % 14-Si-29

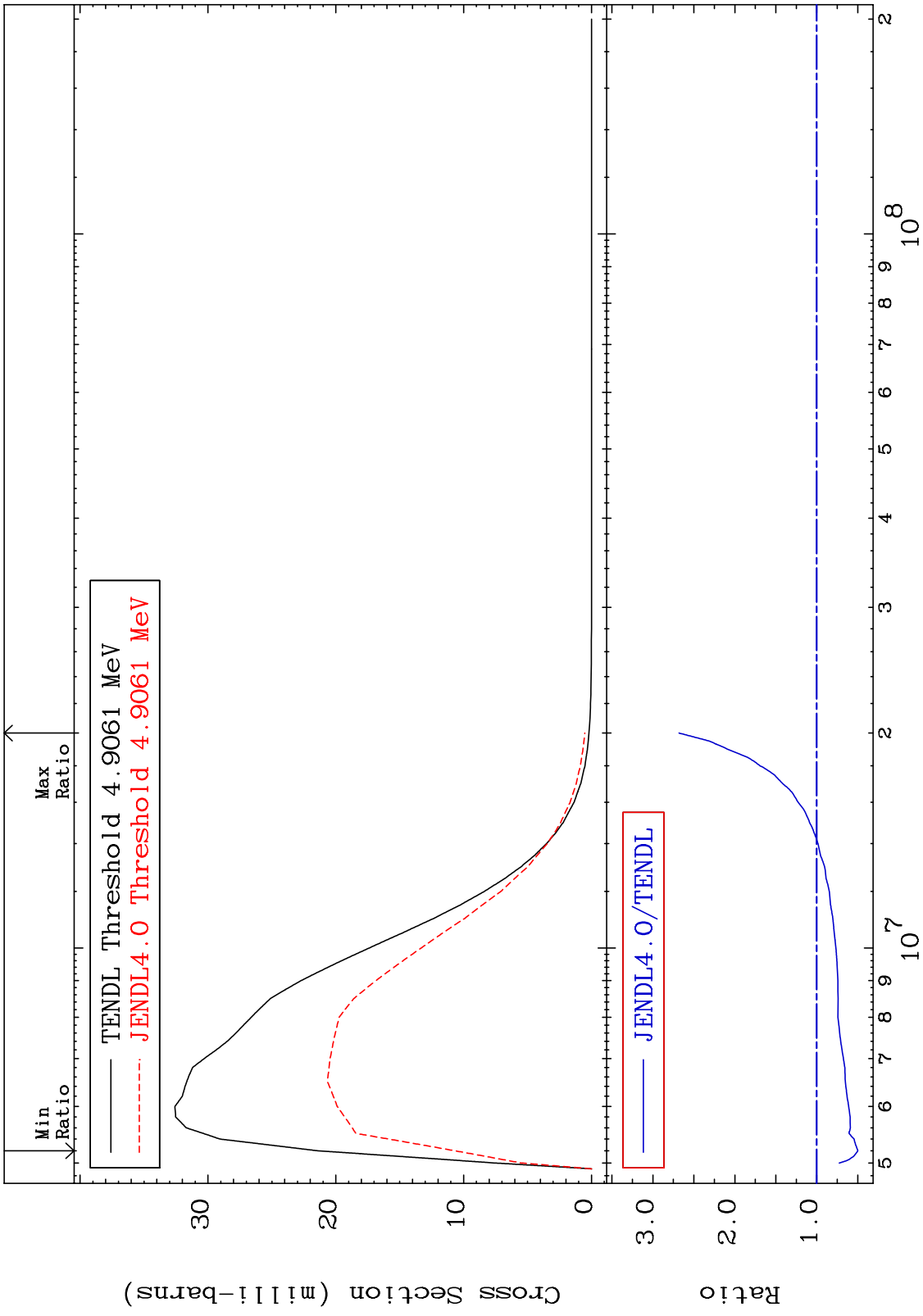


MAT 1428 MT= 56 (n,n') Level Cross Section -47.40 To 190.8 % 14-Si-29

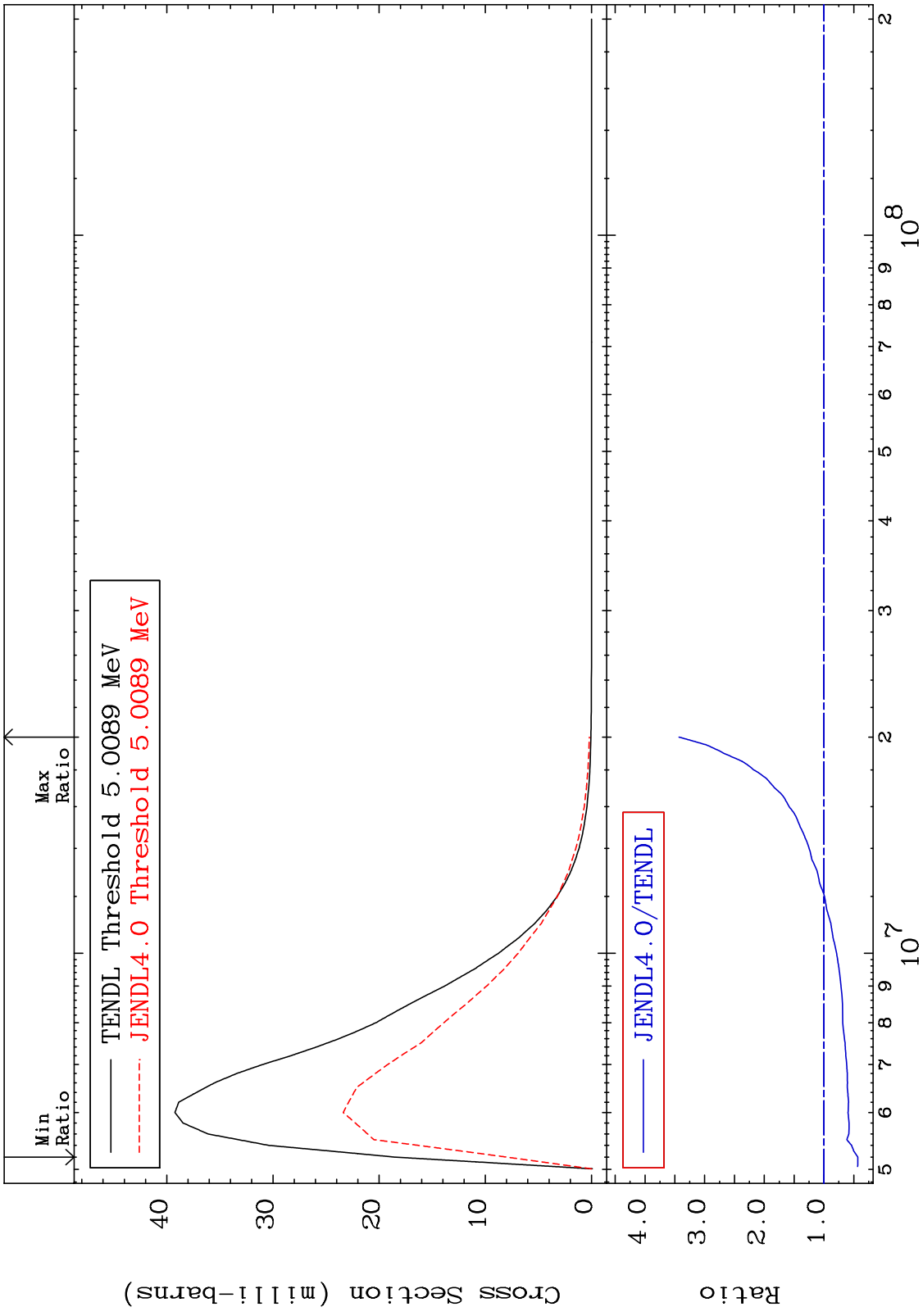


12 14-Si-29 Incident Energy (eV)

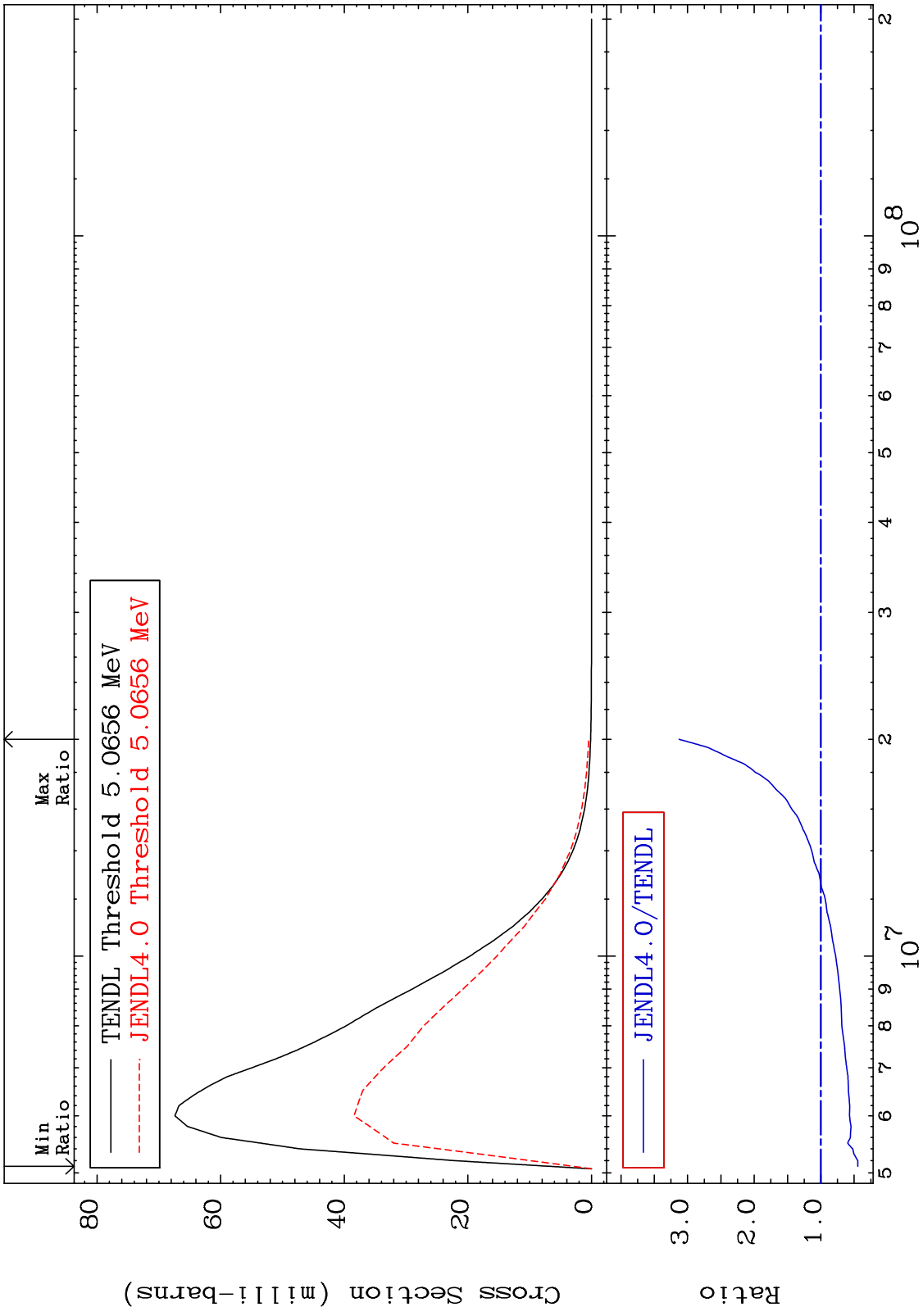
MAT 1428 MT= 57 (n,n') Level Cross Section 14-Si-29
 -50.12 To 168.1 %



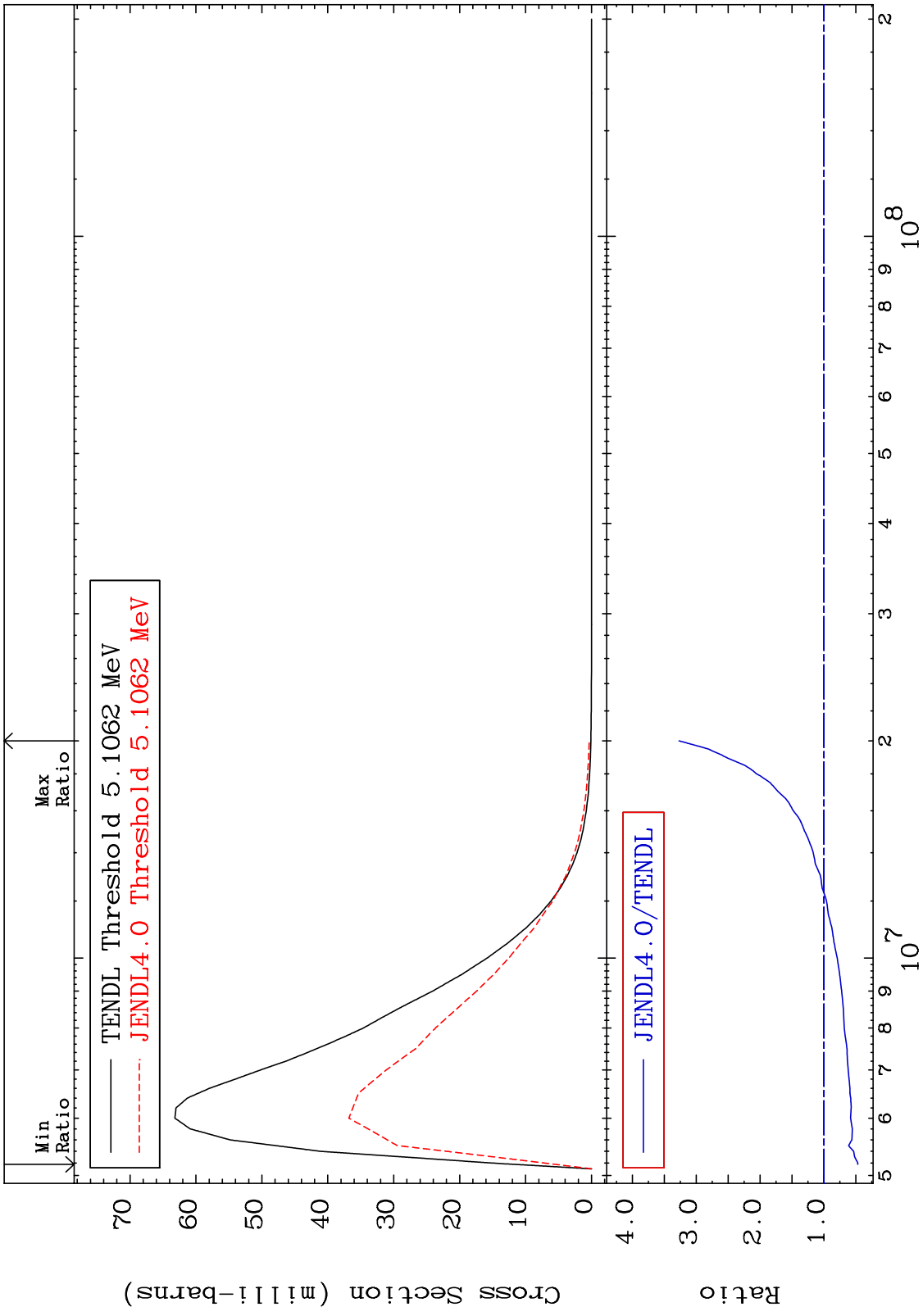
MAT 1428 MT= 58 (n,n') Level Cross Section 14-Si-29
 -56.78 To 242.9 %



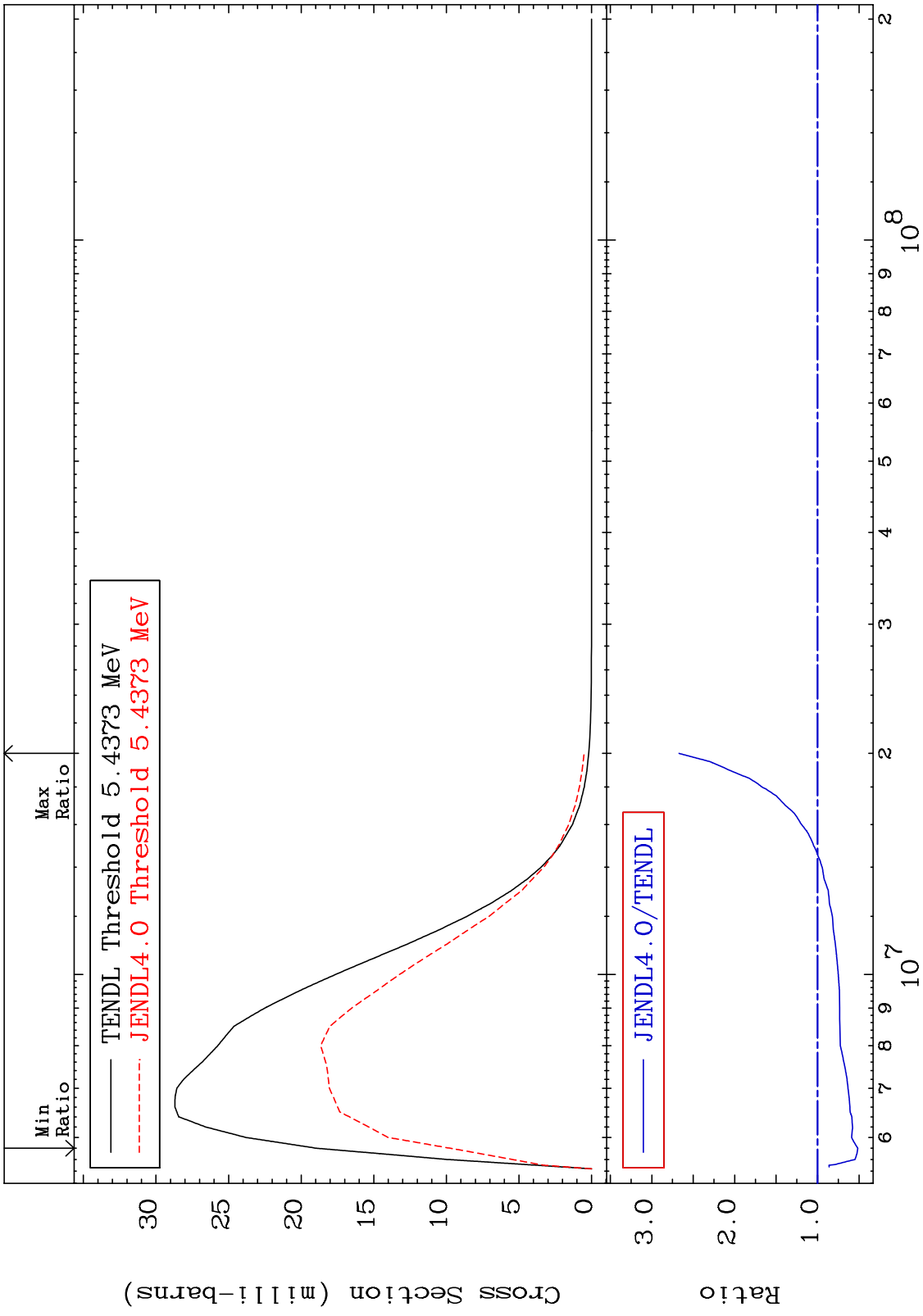
MAT 1428 MT= 59 (n,n') Level Cross Section 14-Si-29
-55.53 To 212.8 %



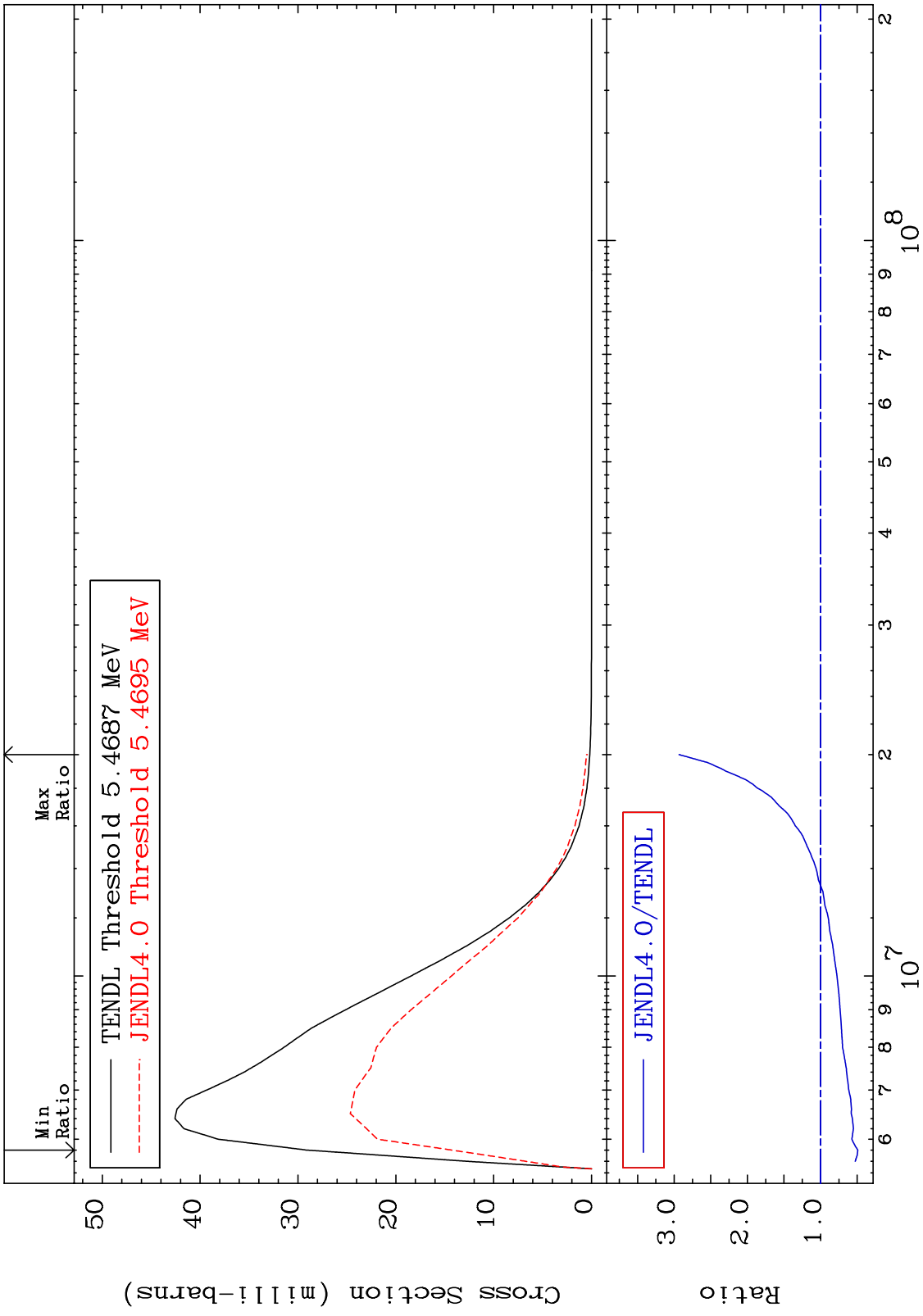
MAT 1428 MT= 60 (n,n') Level Cross Section -53.01 To 226.9 % 14-Si-29



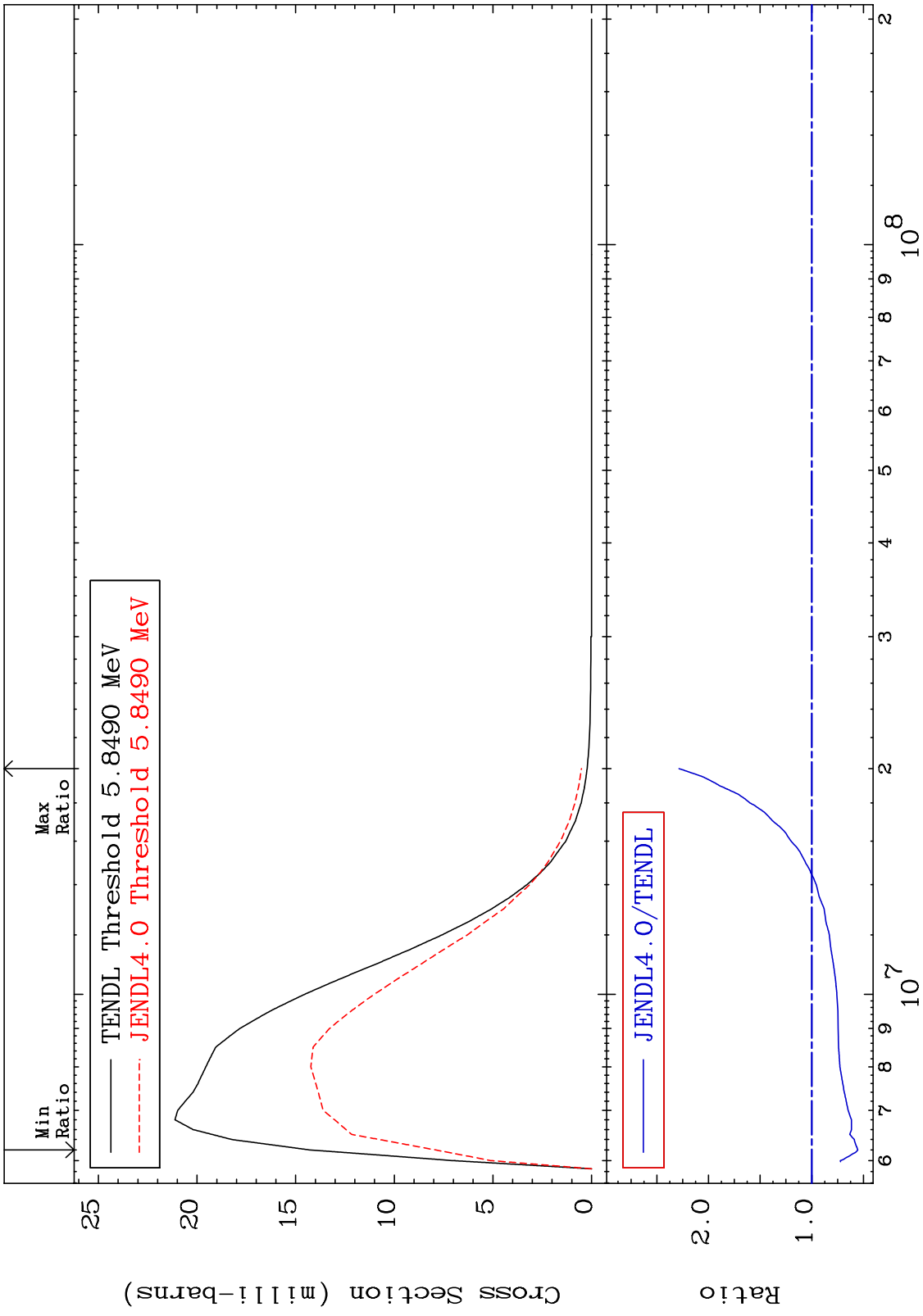
MAT 1428 MT= 61 (n,n') Level Cross Section 14-Si-29
 -48.60 To 167.1 %



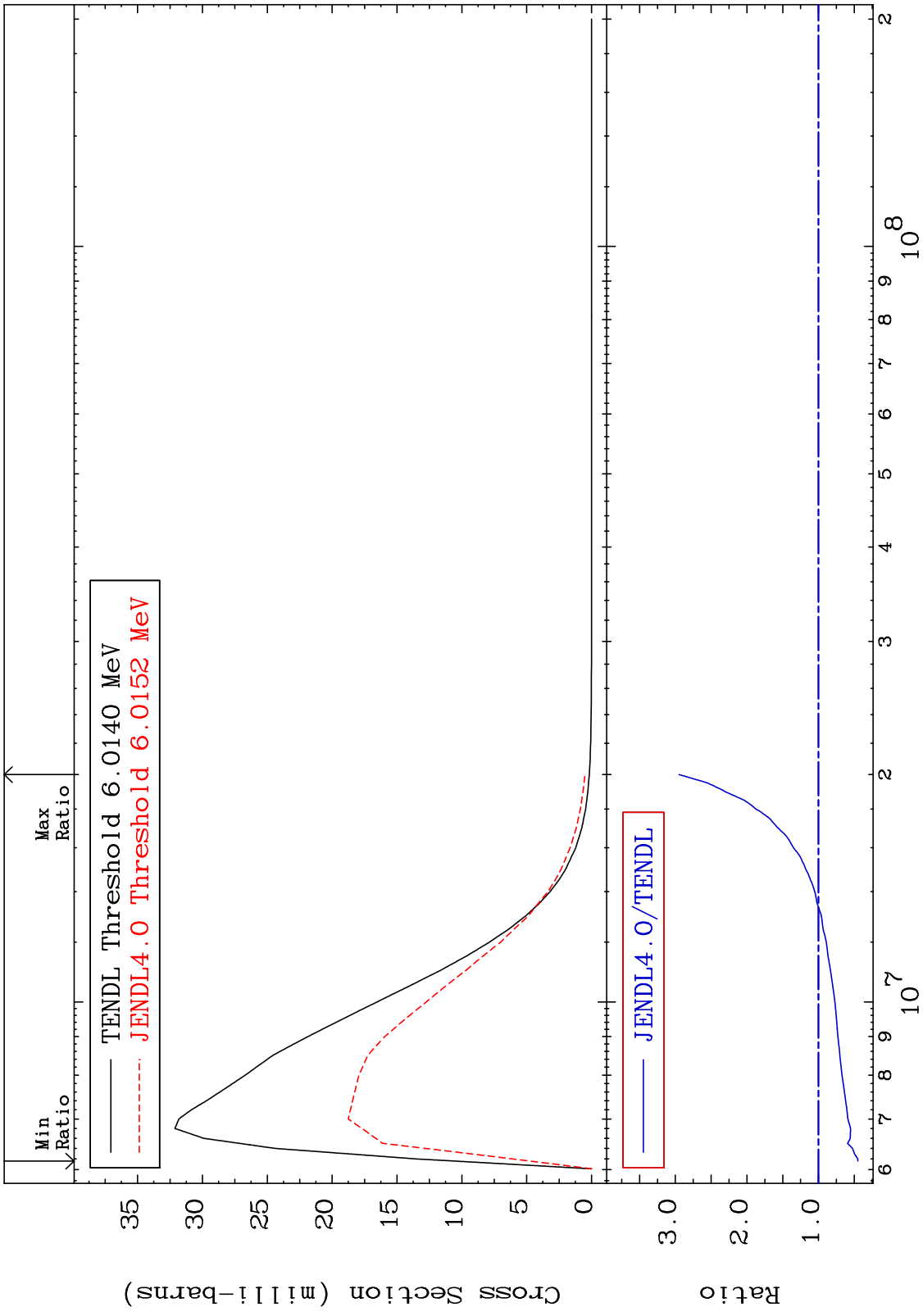
MAT 1428 MT= 62 (n,n') Level Cross Section 14-Si-29
 -50.87 To 193.3 %



MAT 1428 MT= 63 (n,n') Level Cross Section 14-Si-29
 -44.58 To 128.5 %

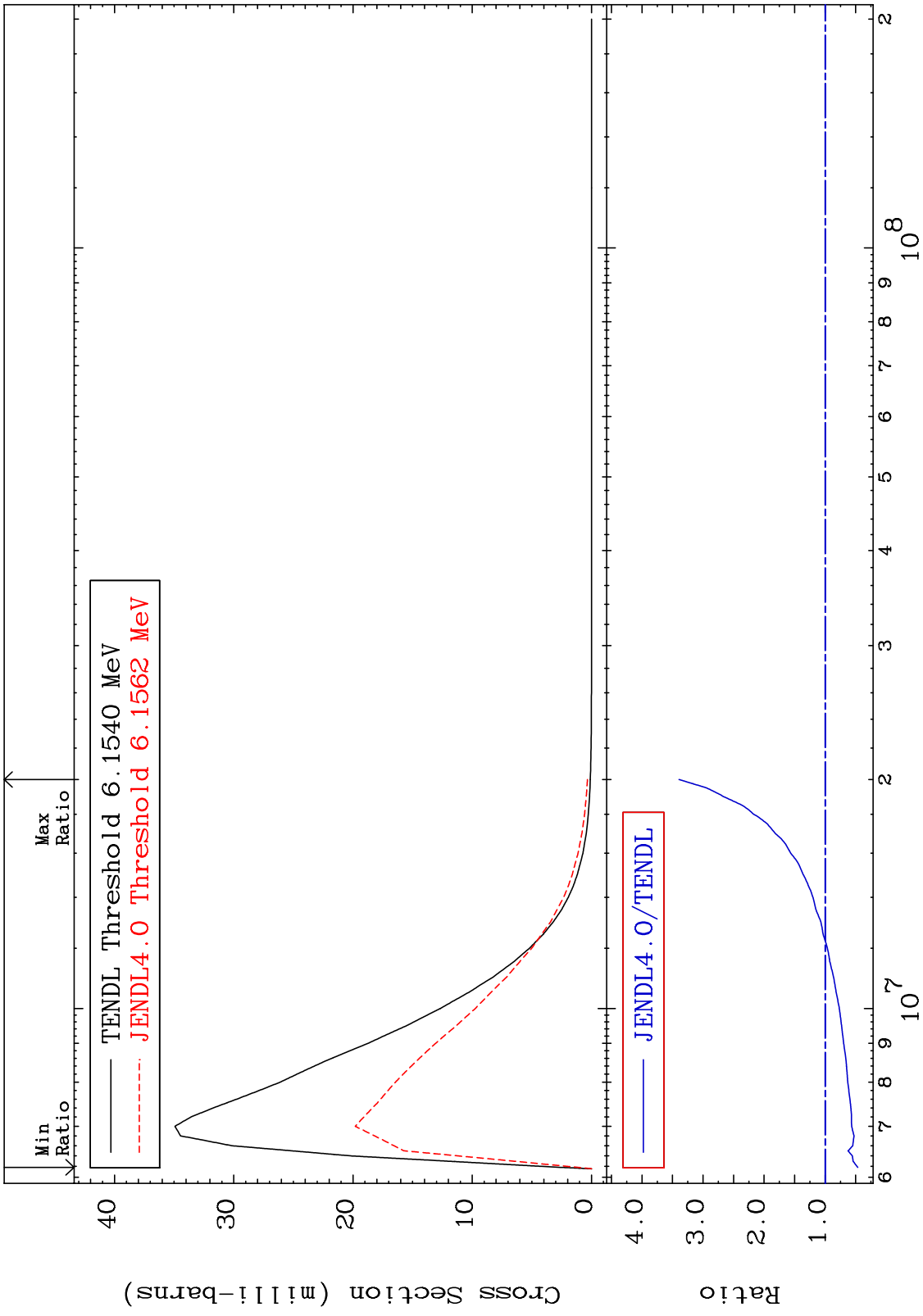


MAT 1428 MT= 64 (n,n') Level Cross Section 14-Si-29
 -54.98 To 194.8 %

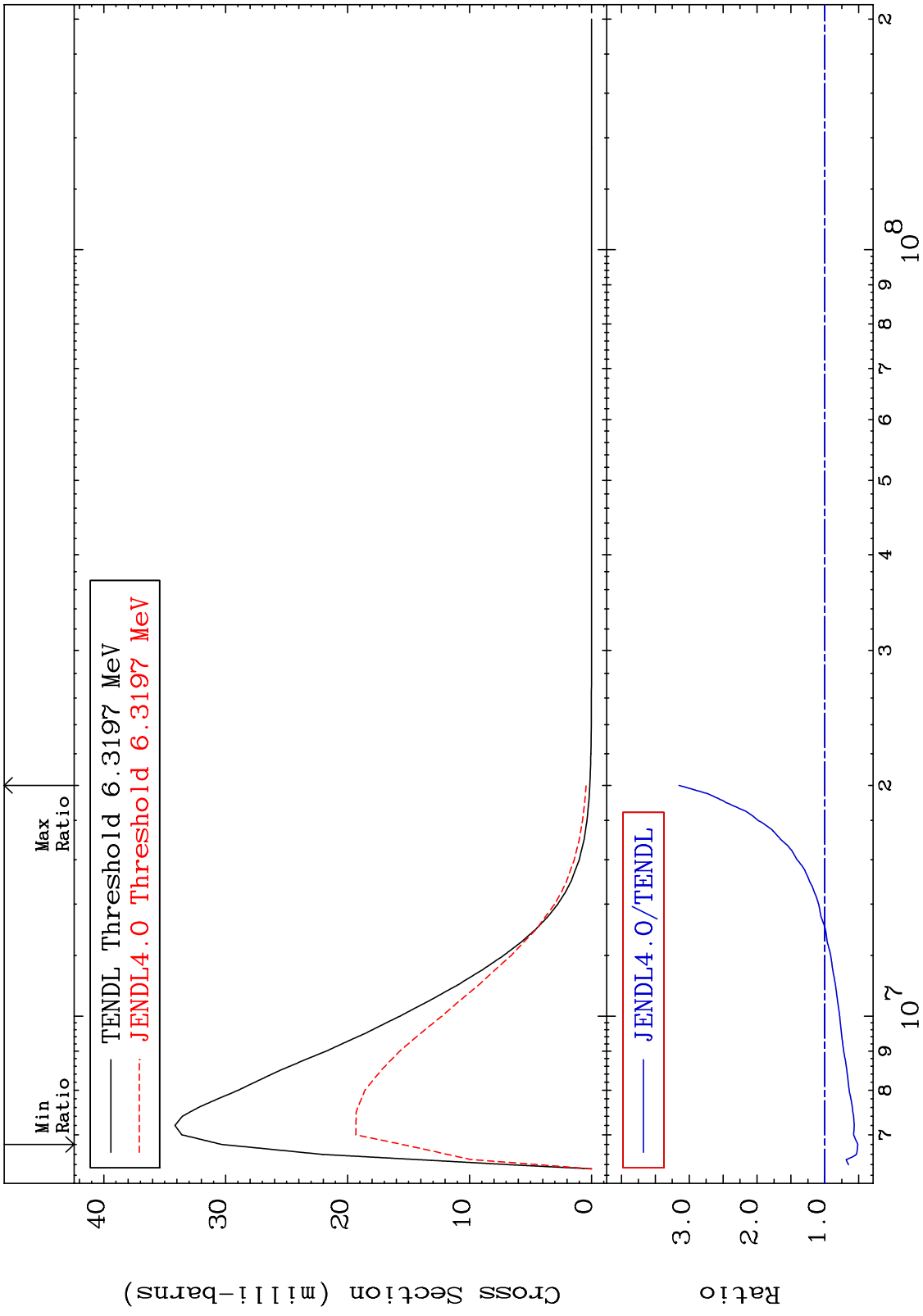


20 14-Si-29

MAT 1428 MT= 65 (n,n') Level Cross Section -53.51 To 239.3 % 14-Si-29



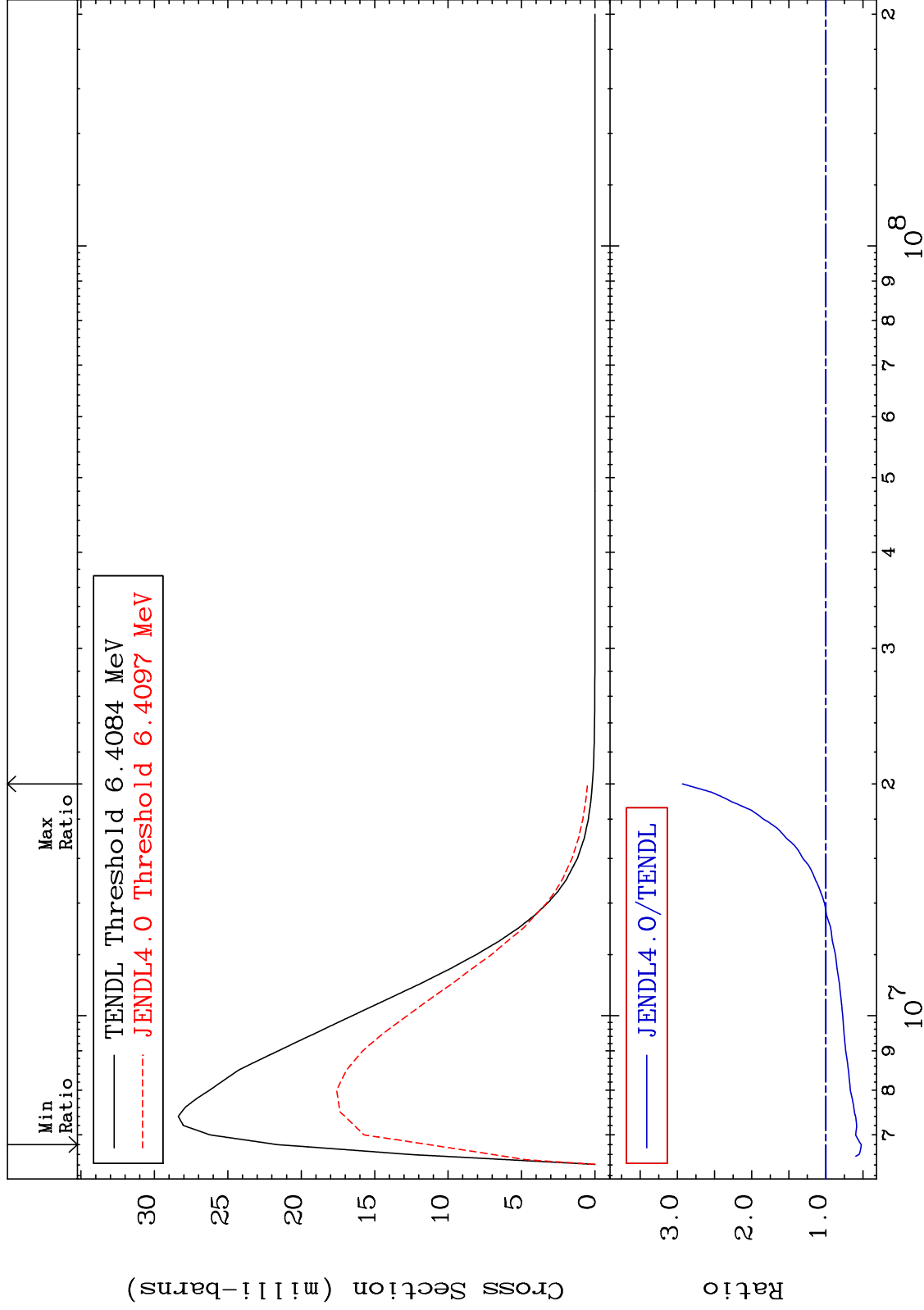
MAT 1428 MT= 66 (n,n') Level Cross Section 14-Si-29
 -48.68 To 215.0 %



MAT 1428

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

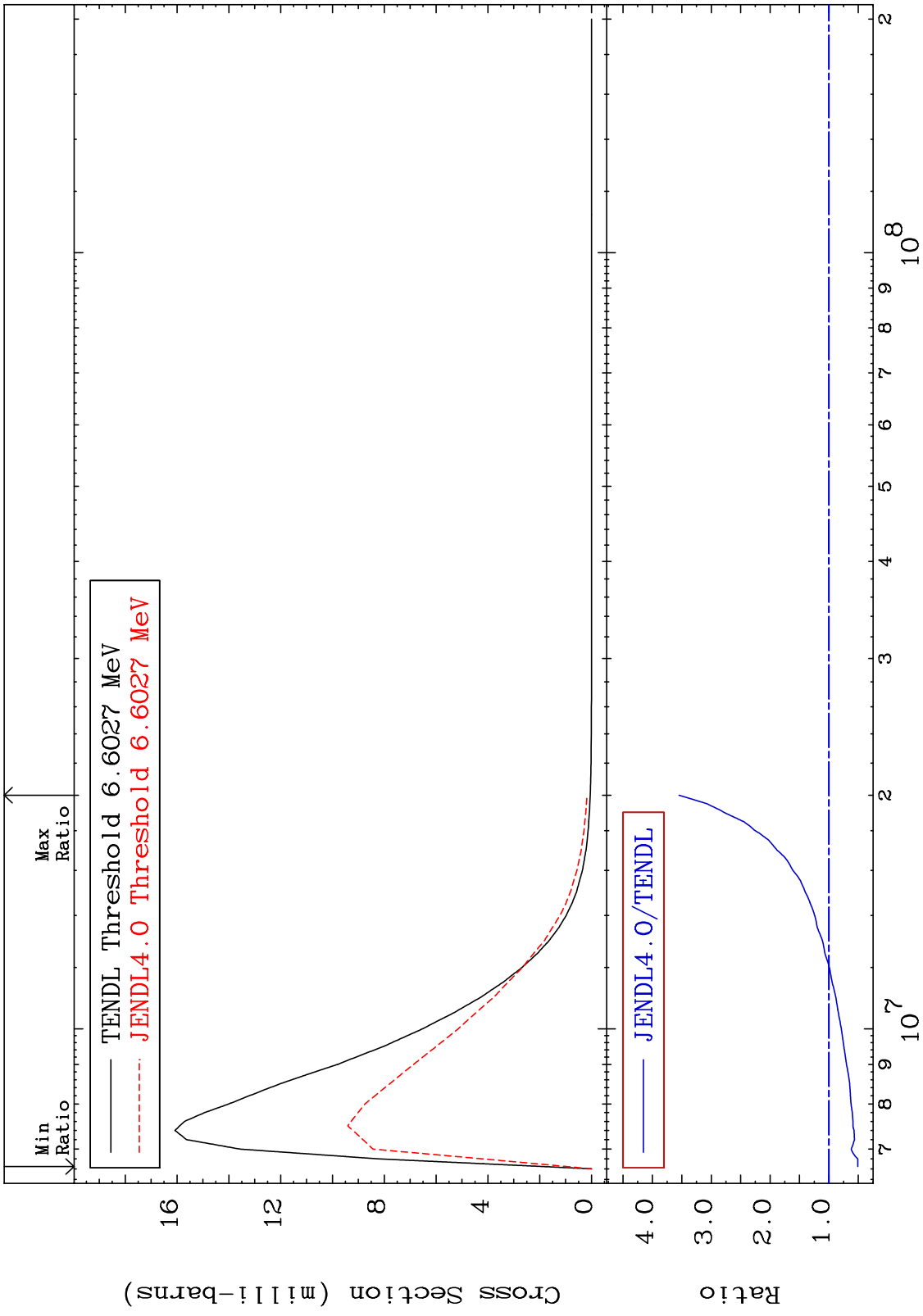
14-Si-29
-47.65 To 193.1 %



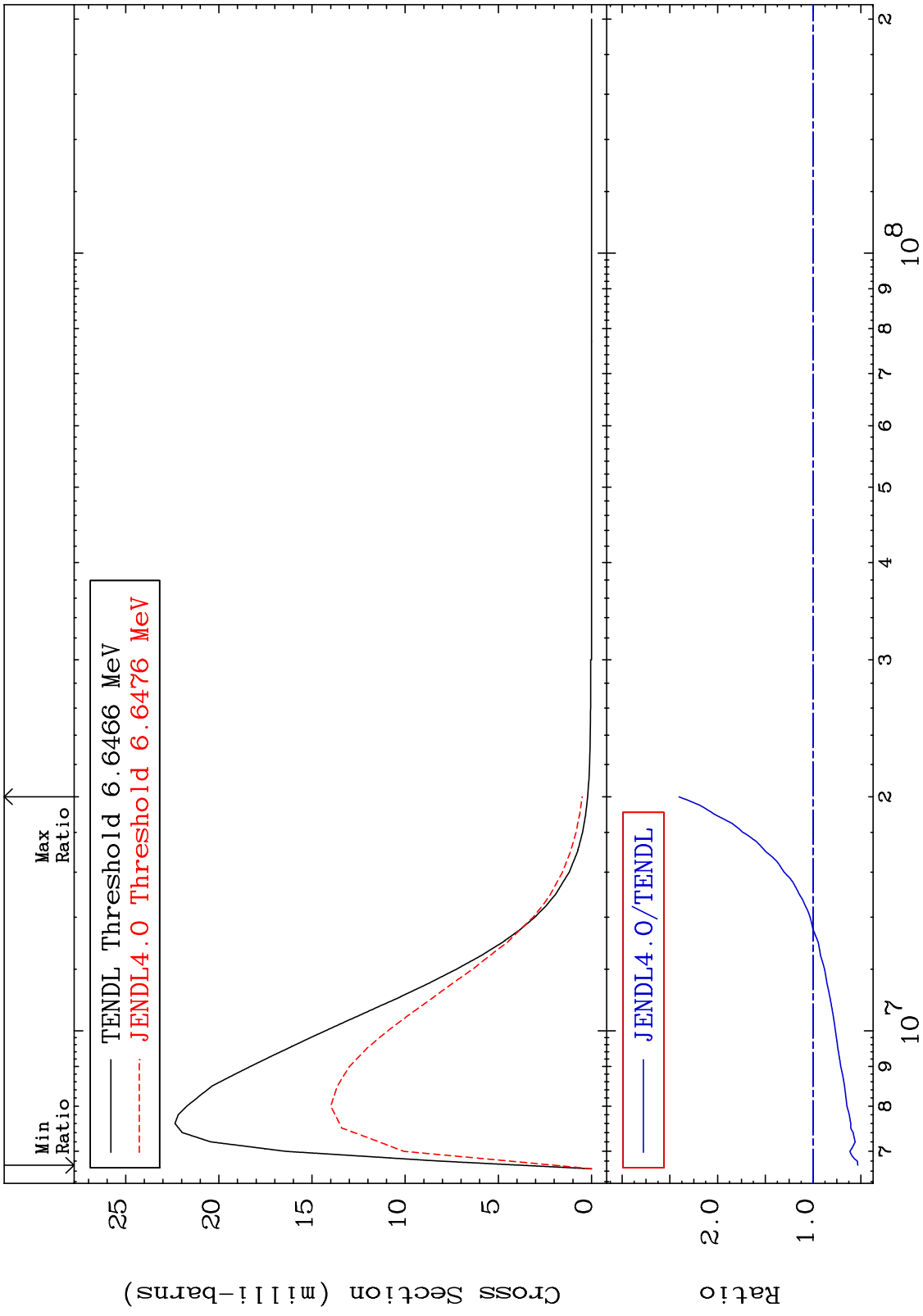
23

14-Si-29

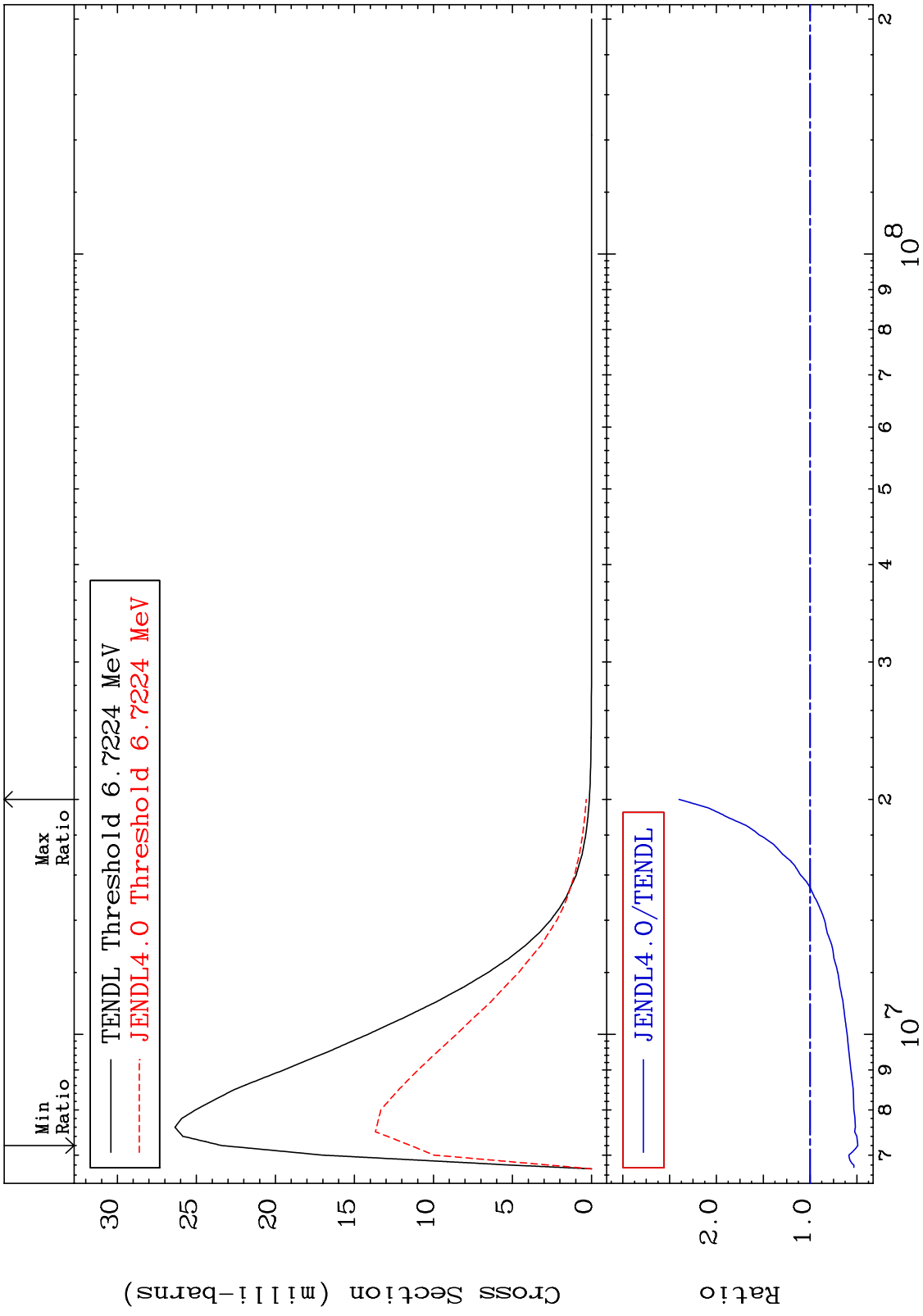
MAT 1428 MT= 68 (n,n') Level Cross Section 14-Si-29
 -49.16 To 254.7 %



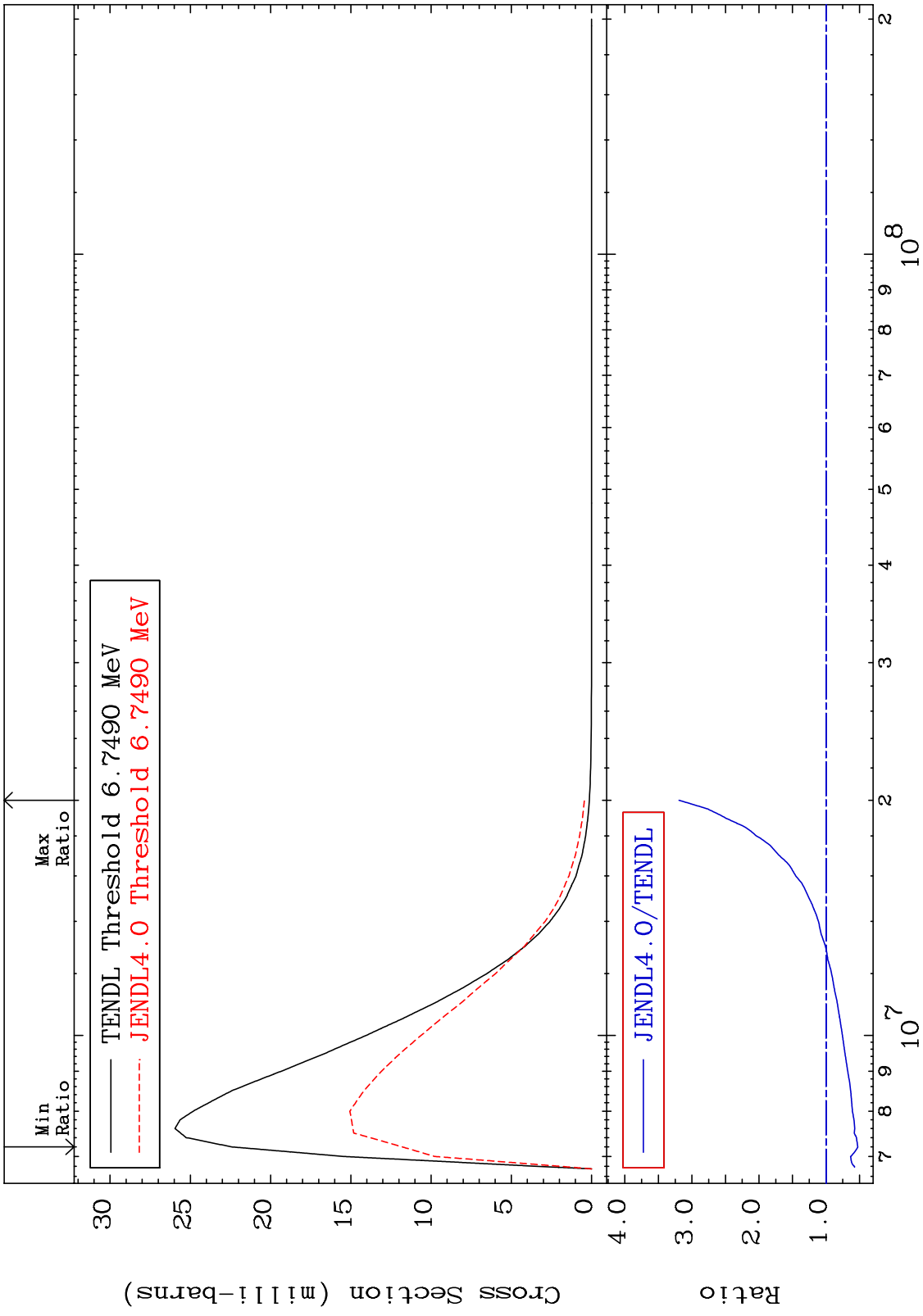
MAT 1428 MT= 69 (n,n') Level Cross Section 14-Si-29
 -46.95 To 140.4 %



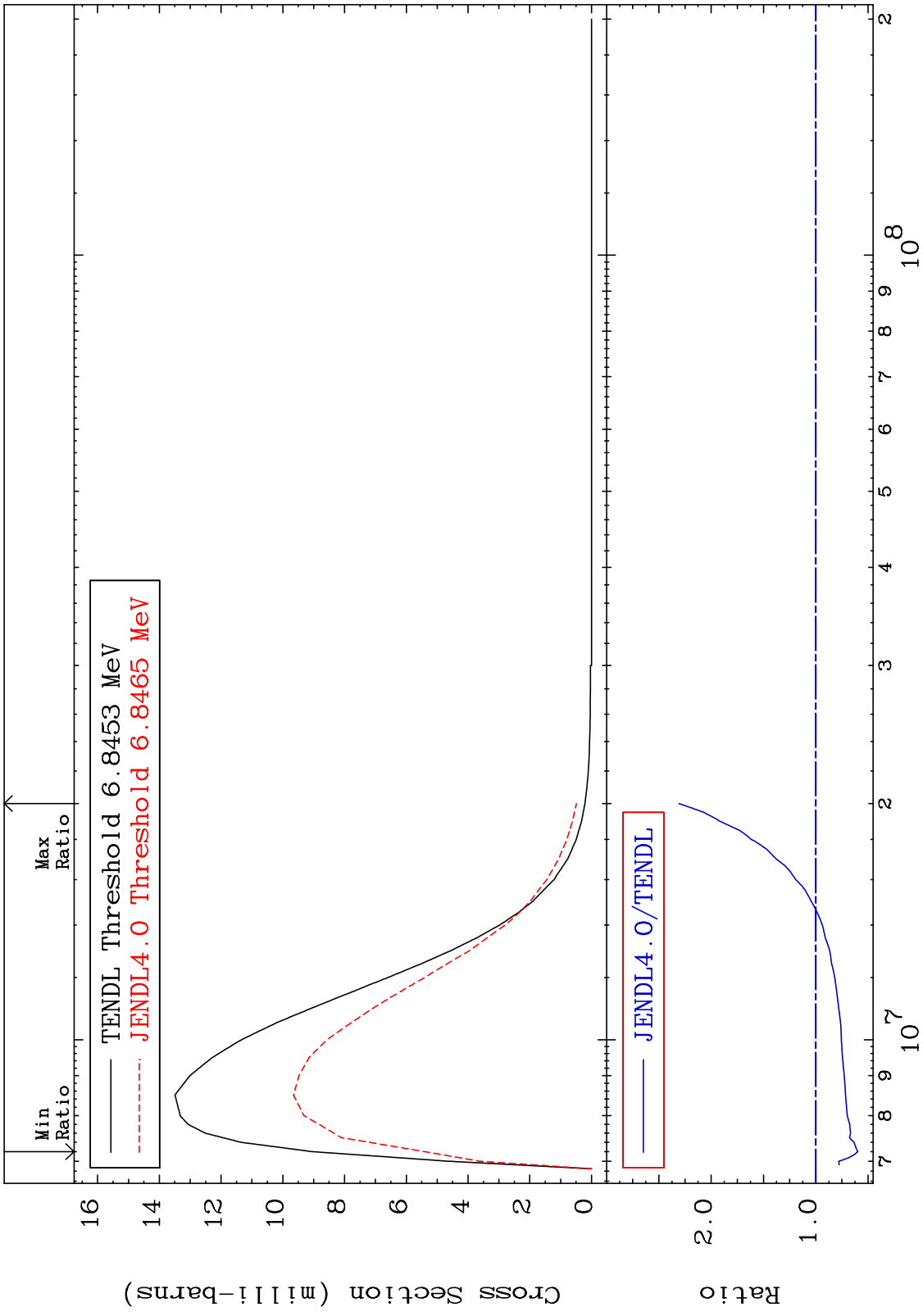
MAT 1428 MT= 70 (n,n') Level Cross Section -51.07 To 140.0 % 14-Si-29



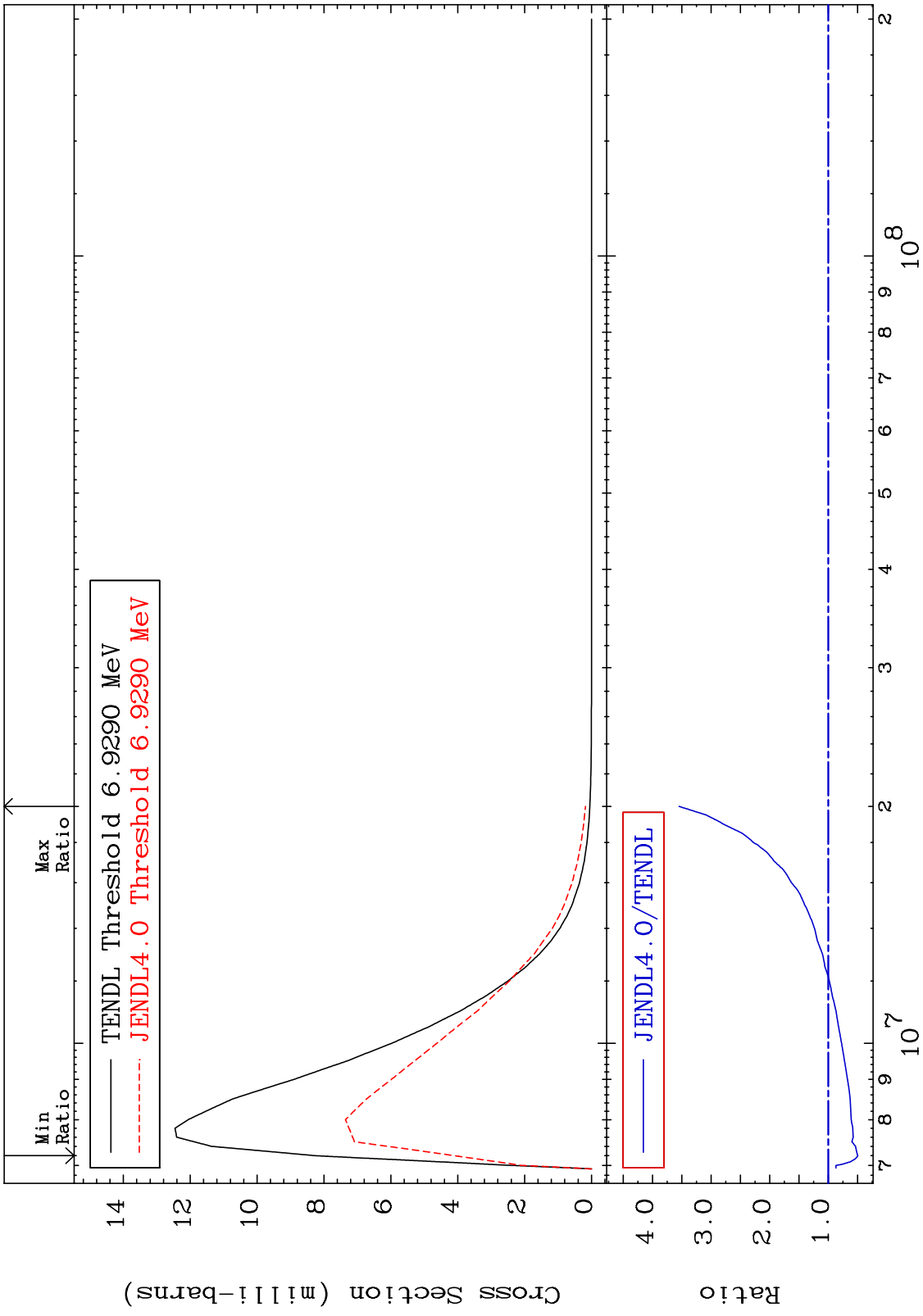
MAT 1428 MT= 71 (n,n') Level Cross Section 14-Si-29
 -47.43 To 219.2 %



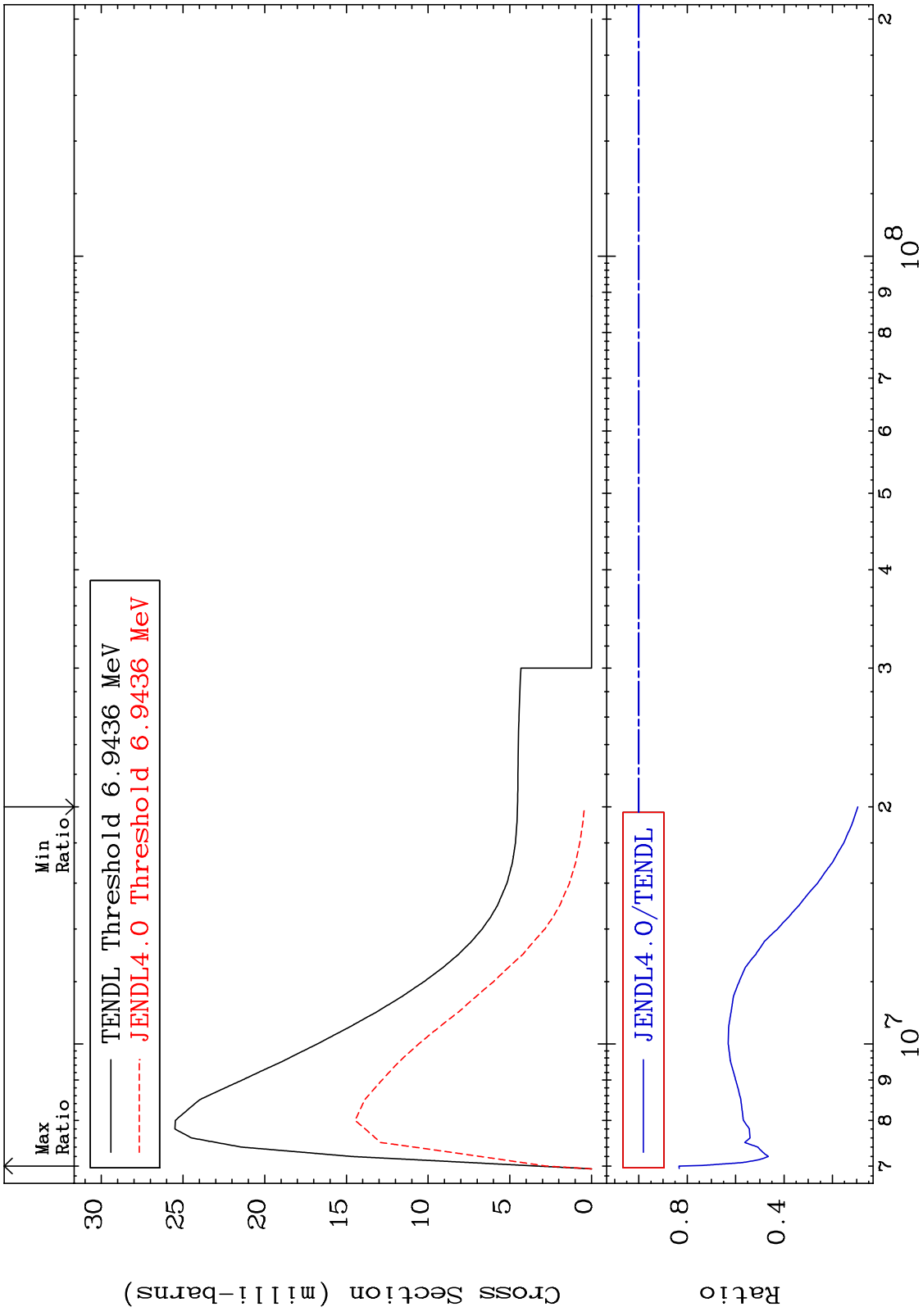
MAT 1428 MT= 72 (n,n') Level Cross Section 14-Si-29
 -40.21 To 130.7 %



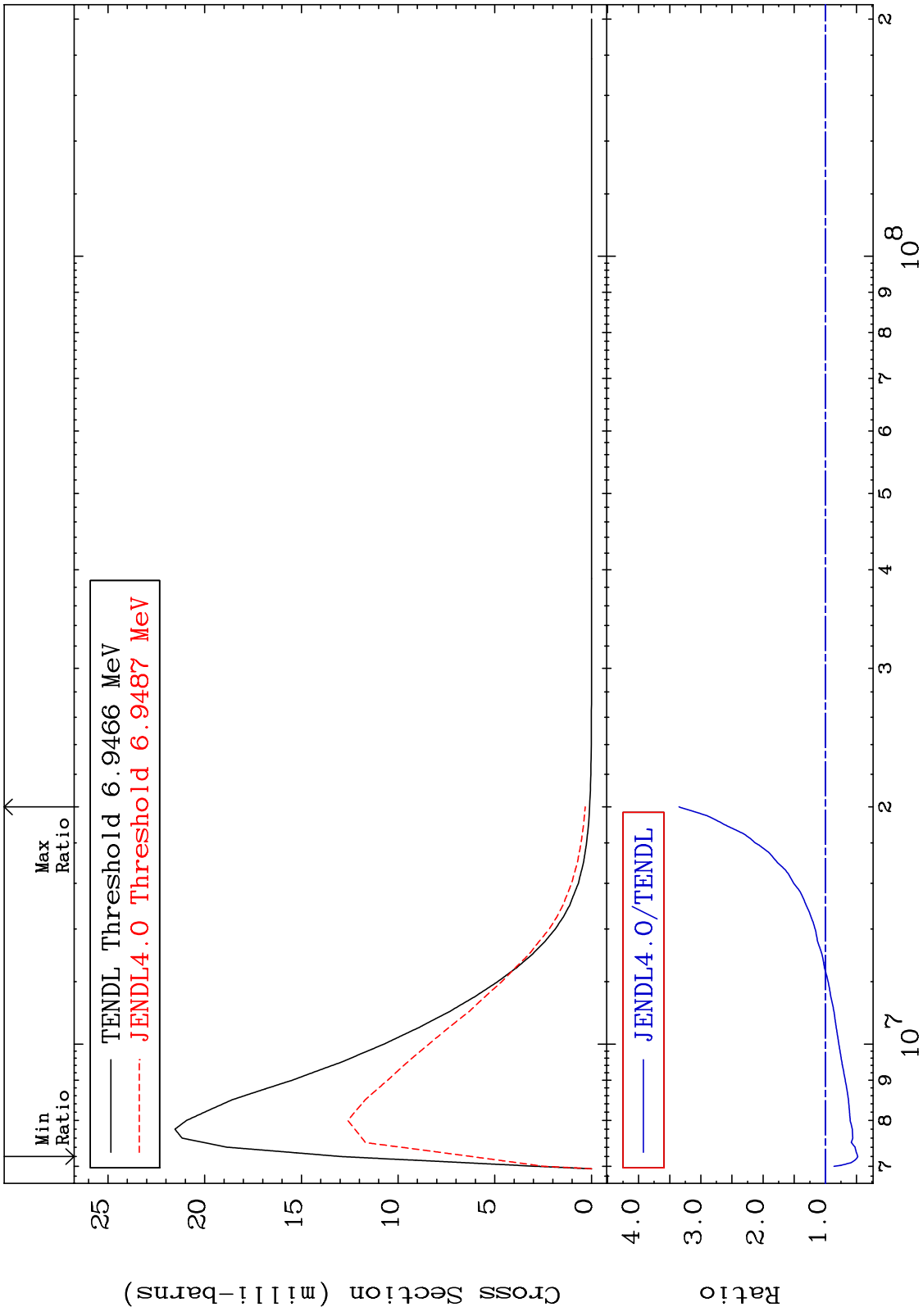
MAT 1428 MT= 73 (n,n') Level Cross Section 14-Si-29
 -50.38 To 254.8 %



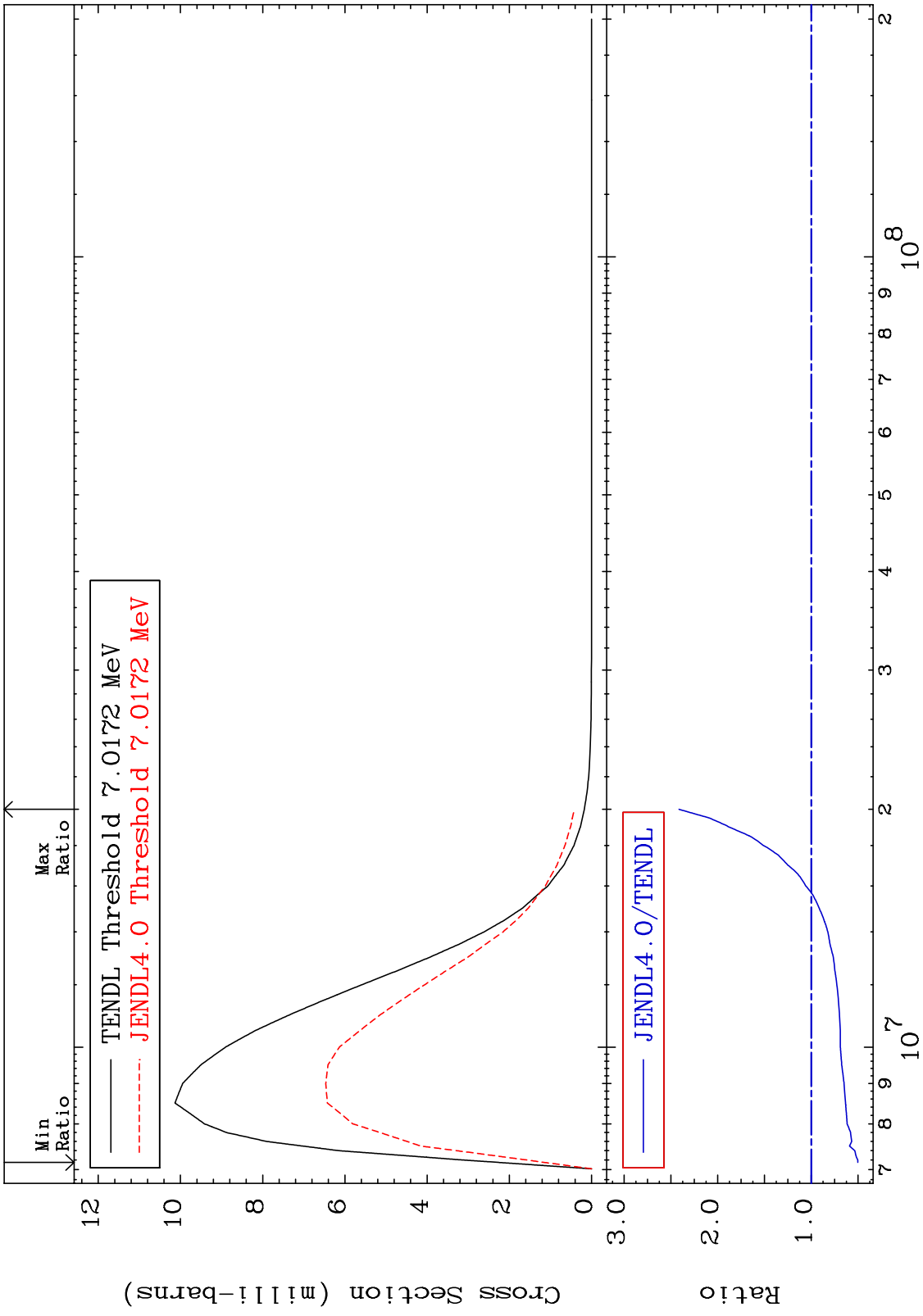
MAT 1428 MT= 74 (n,n') Level Cross Section 14-Si-29
 -90.50 To -16.62%



MAT 1428 MT= 75 (n,n') Level Cross Section 14-Si-29
 -52.10 To 235.0 %

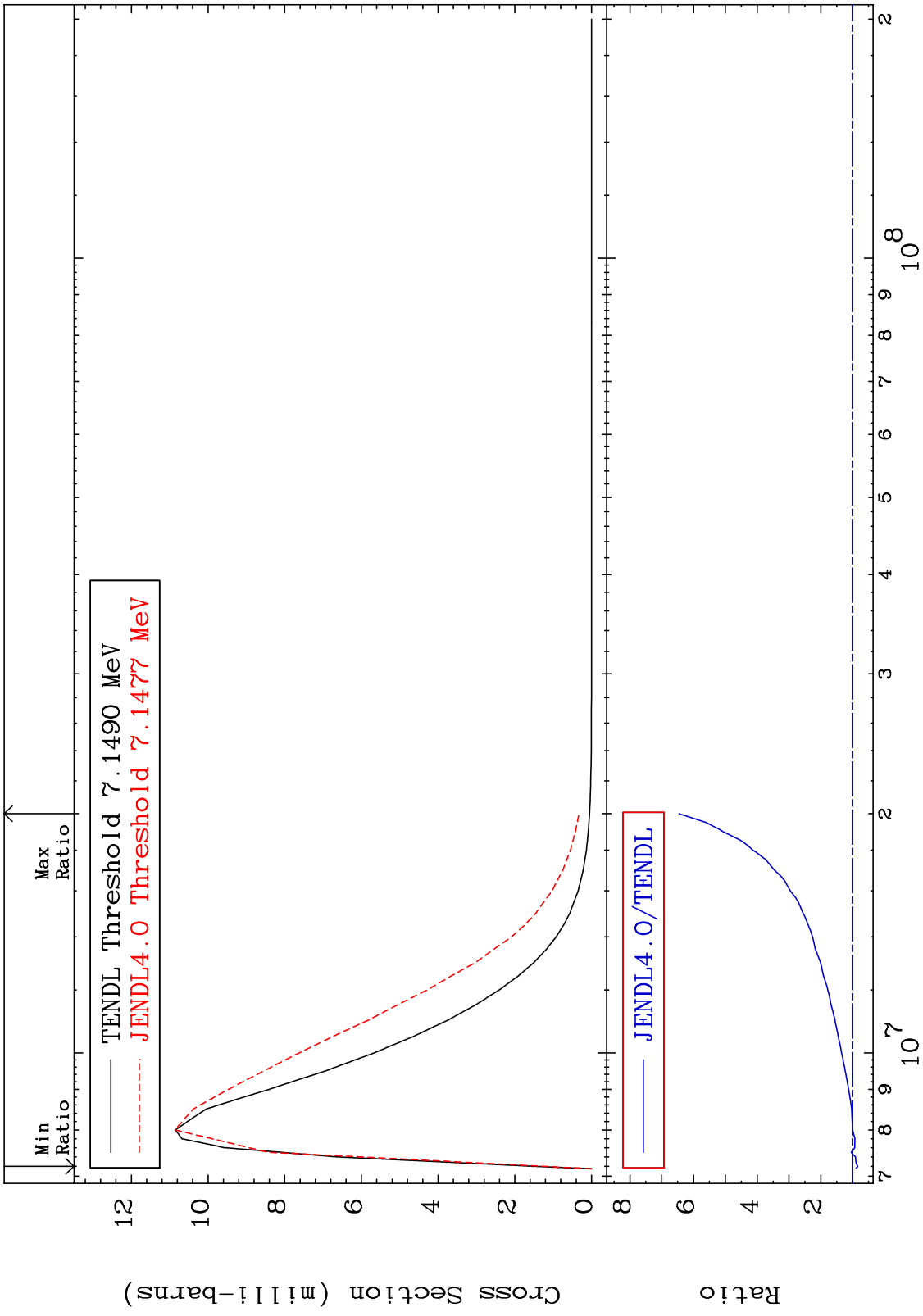


MAT 1428 MT= 76 (n,n') Level Cross Section 14-Si-29
 -49.76 To 141.3 %



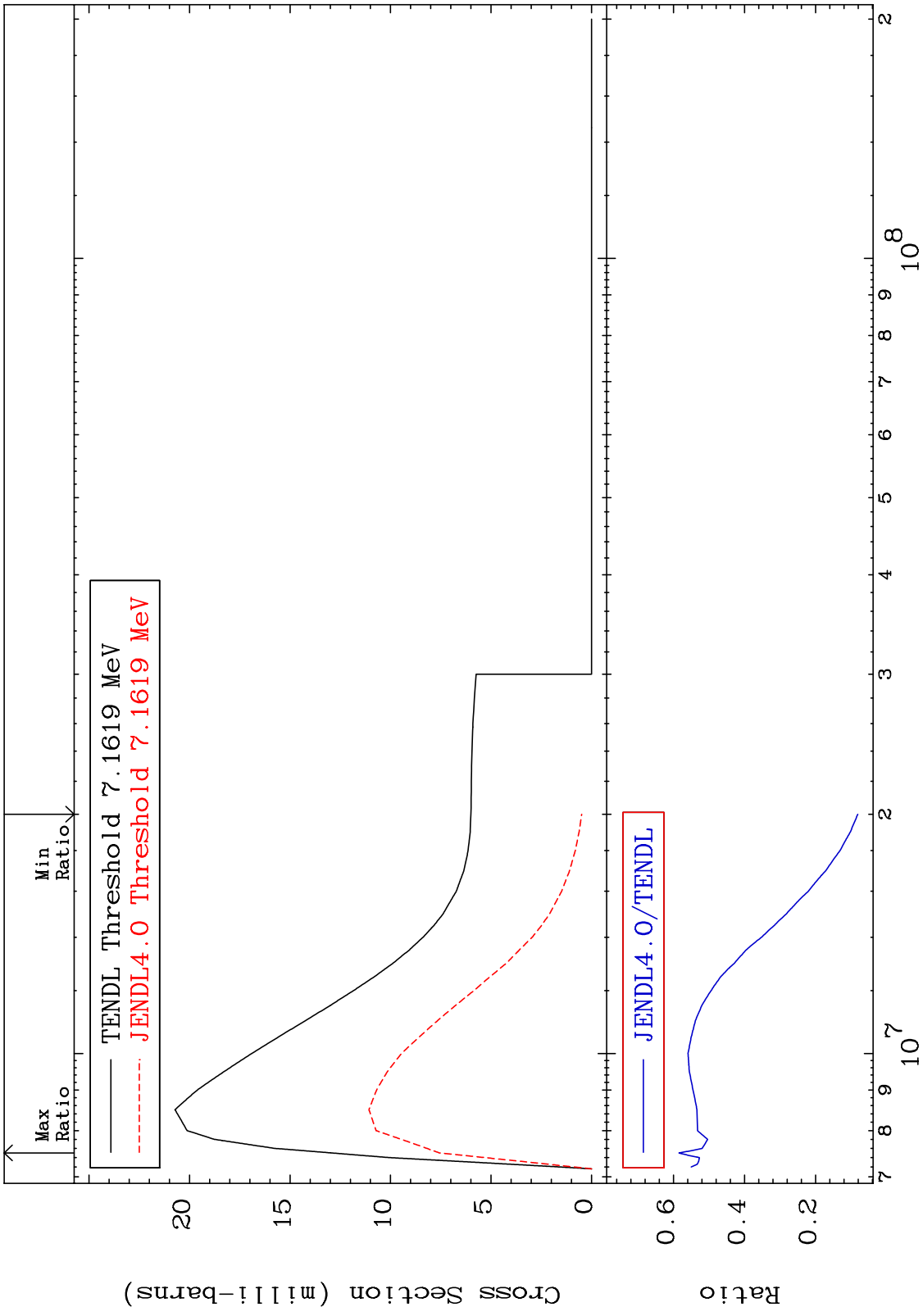
32 14-Si-29 Incident Energy (eV)

MAT 1428 MT= 77 (n,n') Level Cross Section 14-Si-29
 -16.39 To 545.6 %

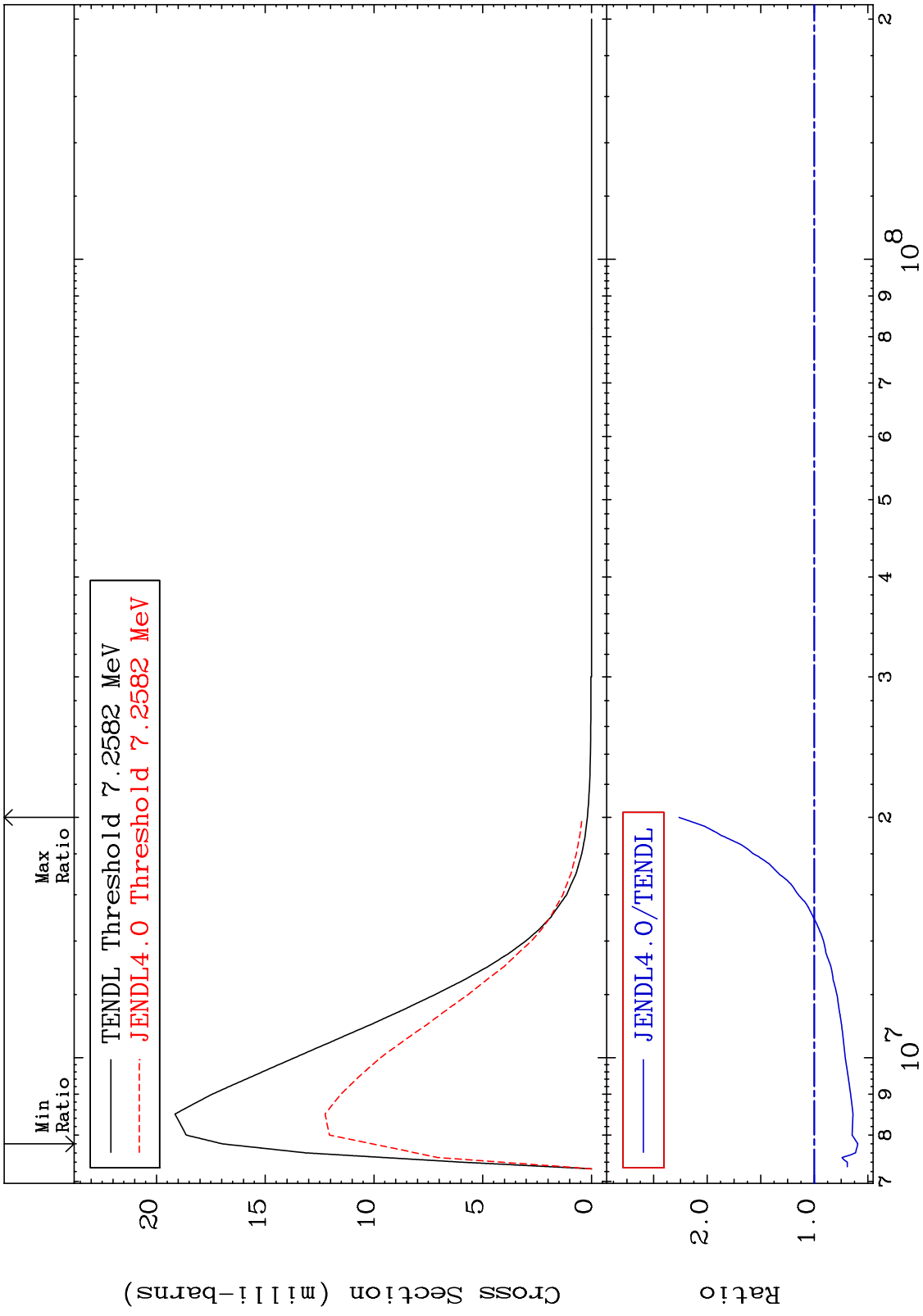


33 Incident Energy (eV) 14-Si-29

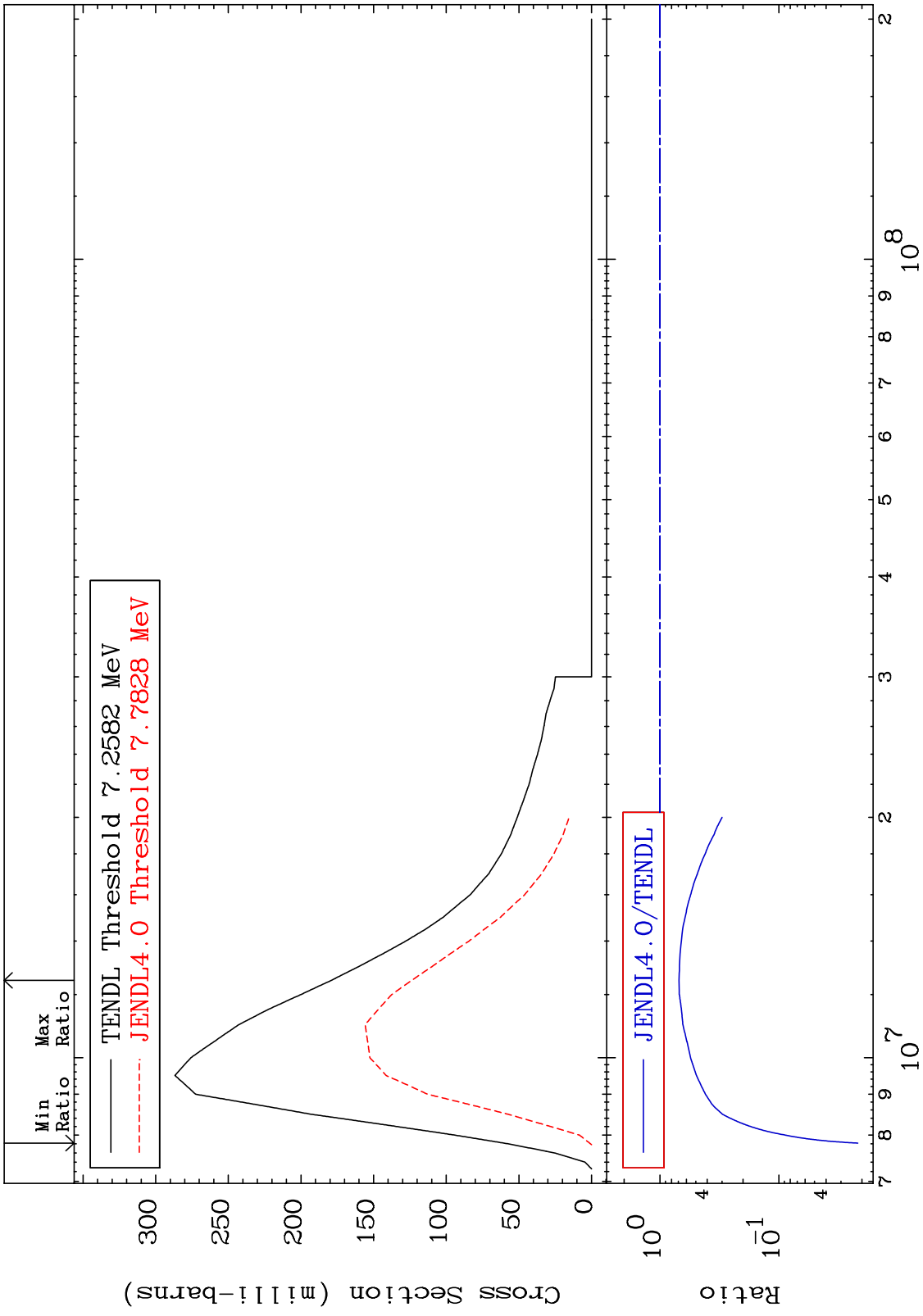
MAT 1428 MT= 78 (n,n') Level Cross Section 14-Si-29
 -91.87 To -41.54%



MAT 1428 MT= 79 (n,n') Level Cross Section 14-Si-29
 -40.65 To 126.3 %



MAT 1428 (n,n') Continuum Cross Section 14-Si-29 -97.84 To -30.91%



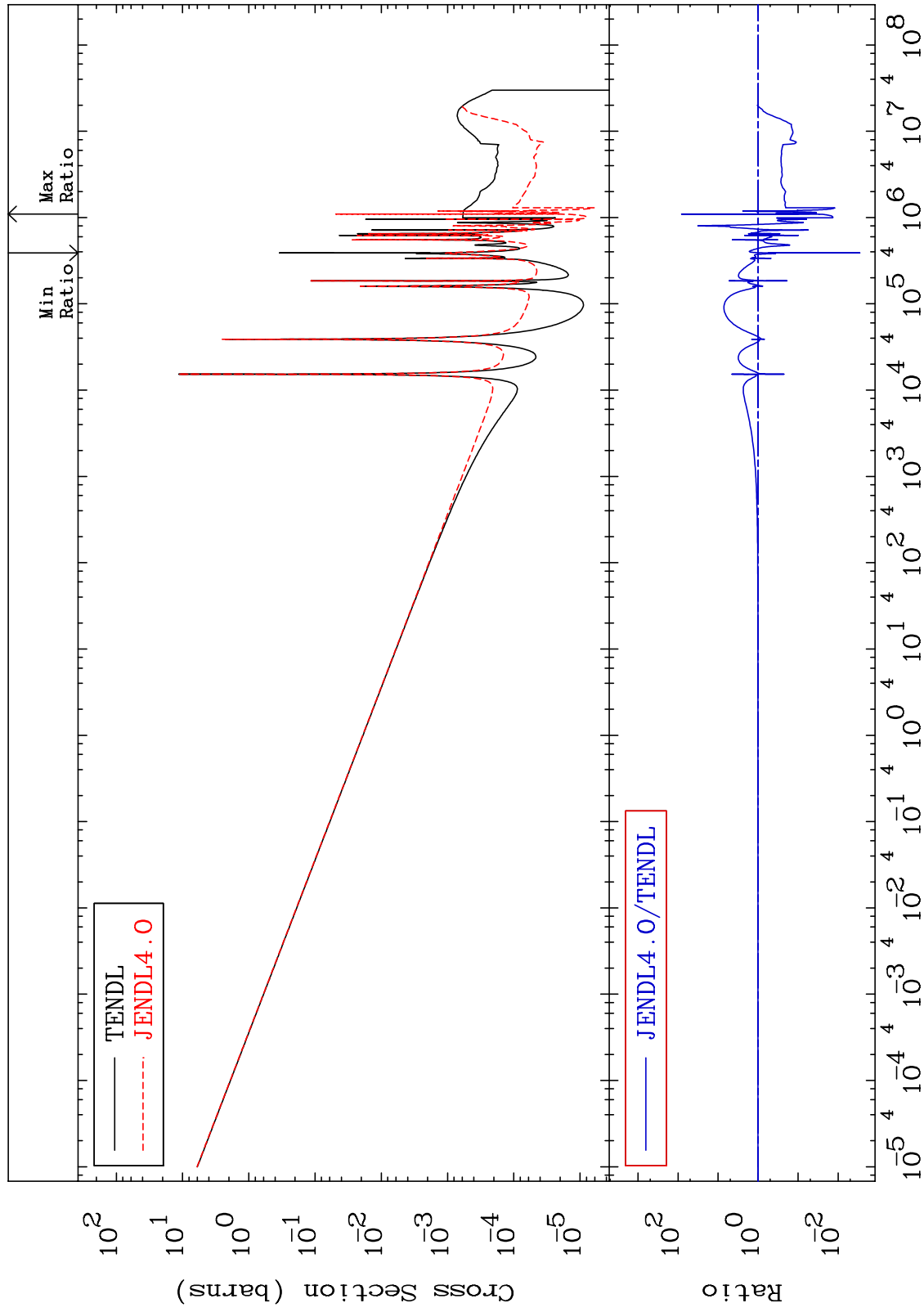
MAT 1428

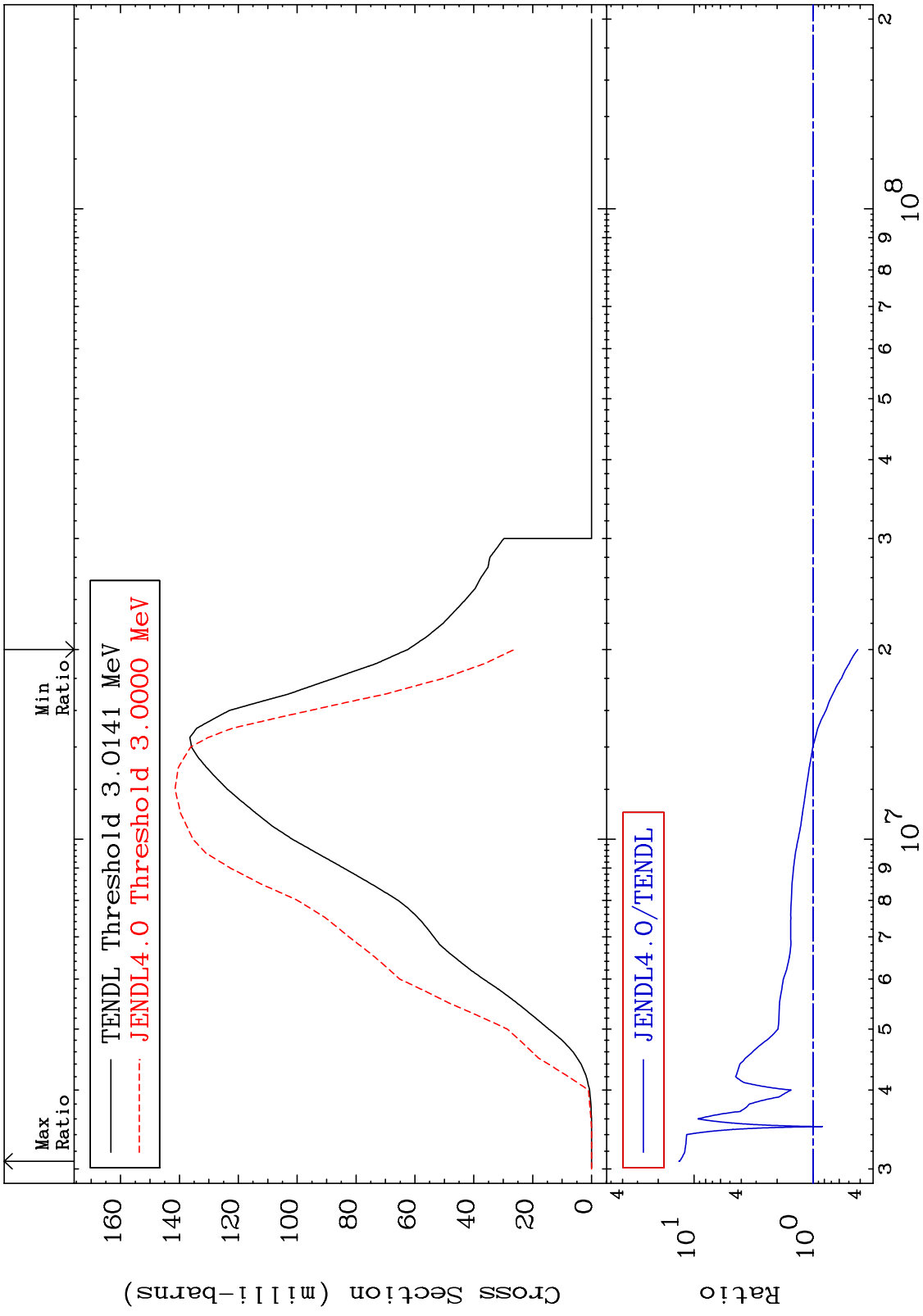
(n, γ)

14-Si-29

Cross Section

-99.71 To 8145. %





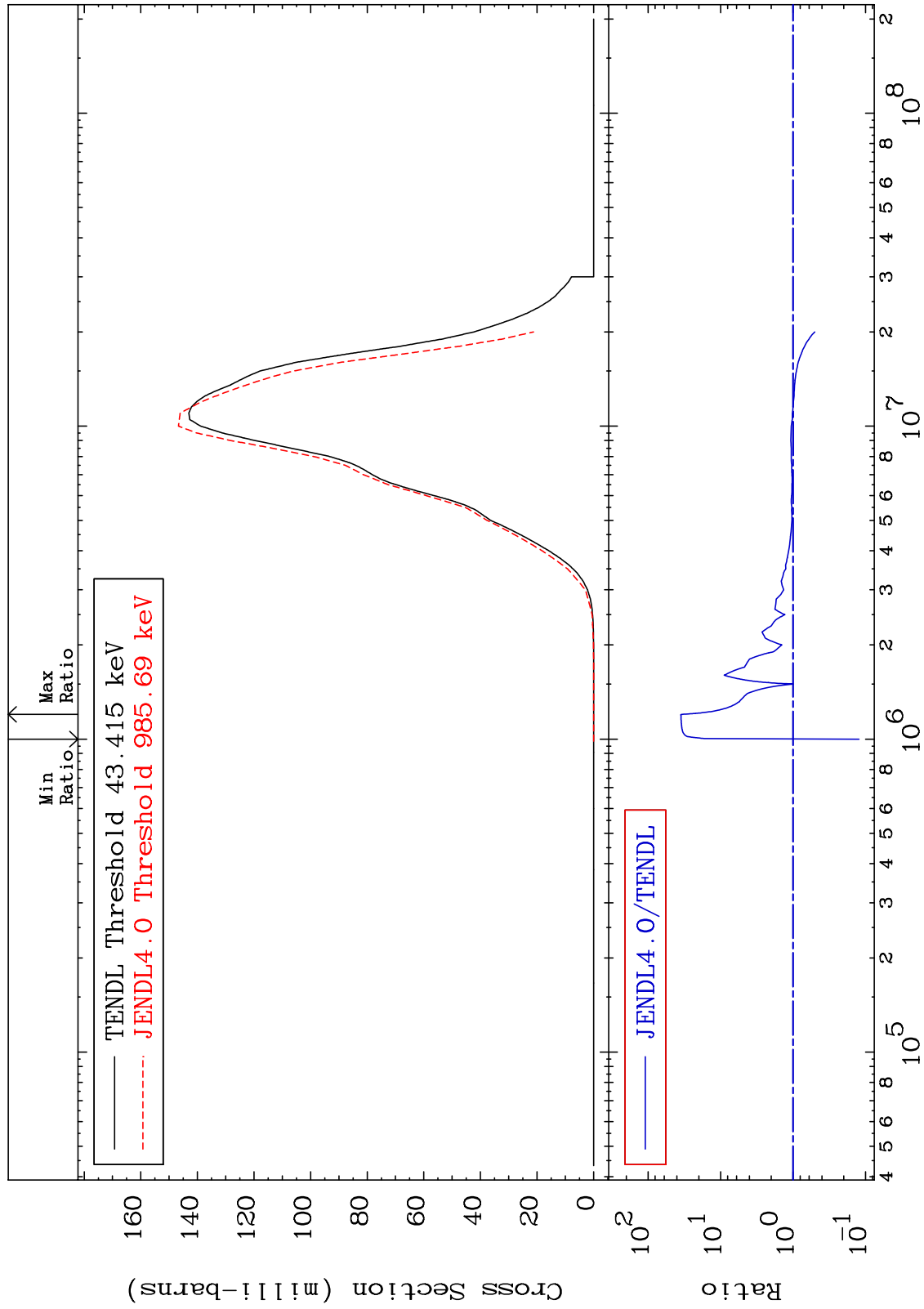
MAT 1428

(n, α)

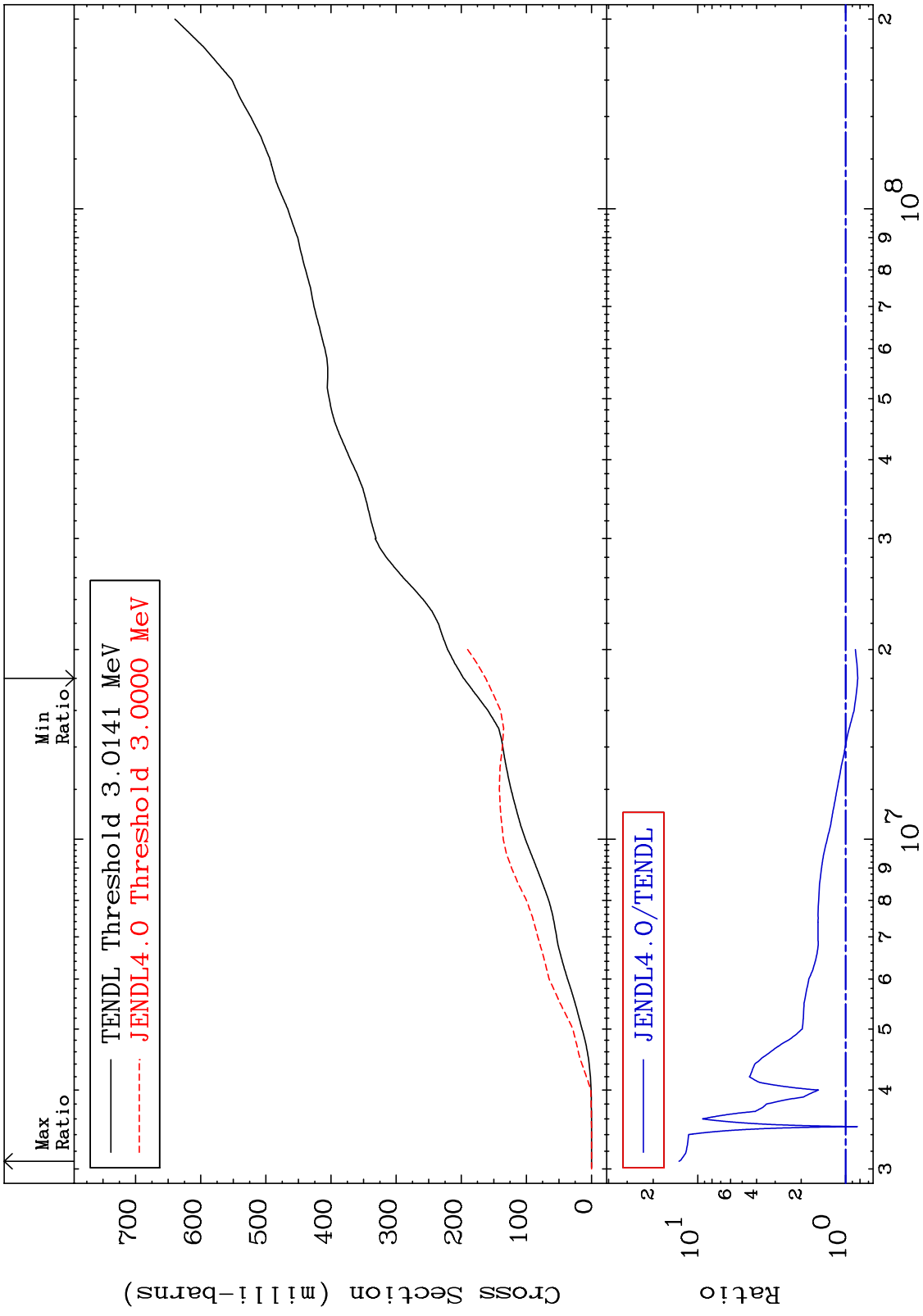
14-Si-29

-87.70 To 3432. %

Cross Section



MAT 1428 Hydrogen Production Cross Section 14-Si-29 -17.27 To 1237. %

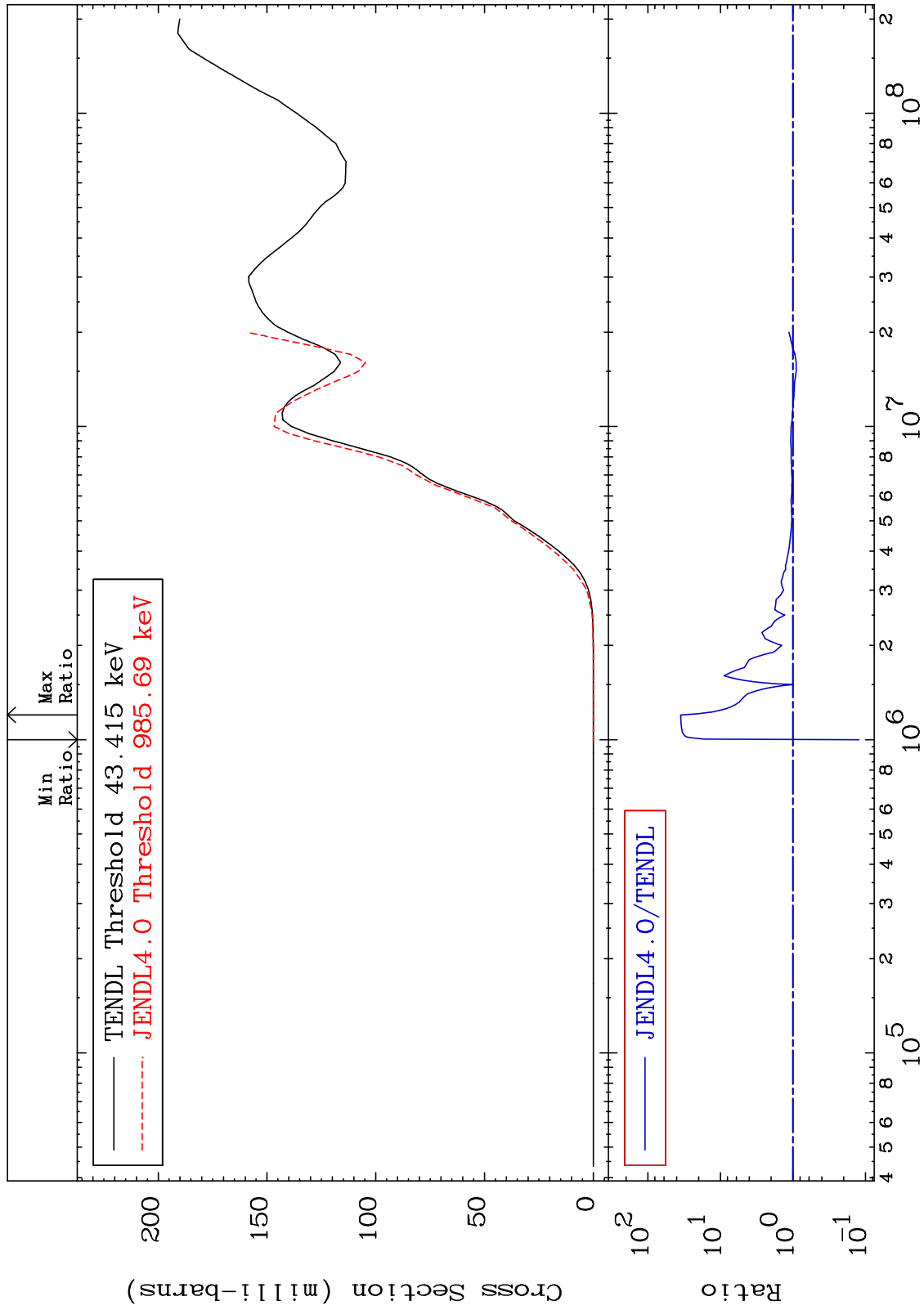


40 Incident Energy (eV) 14-Si-29

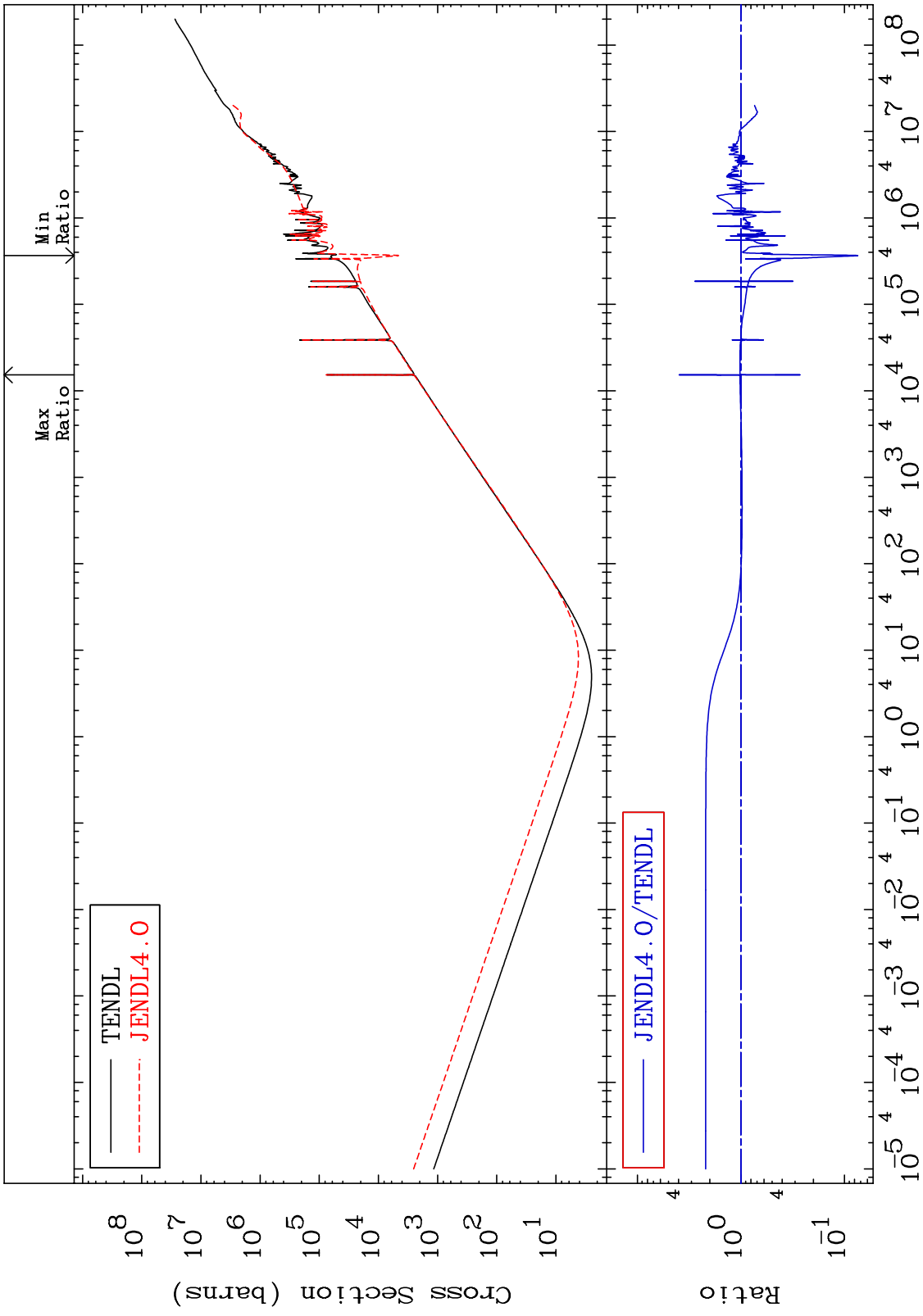
MAT 1428

He-4 Production
Cross Section

14-Si-29
-87.70 To 3432. %



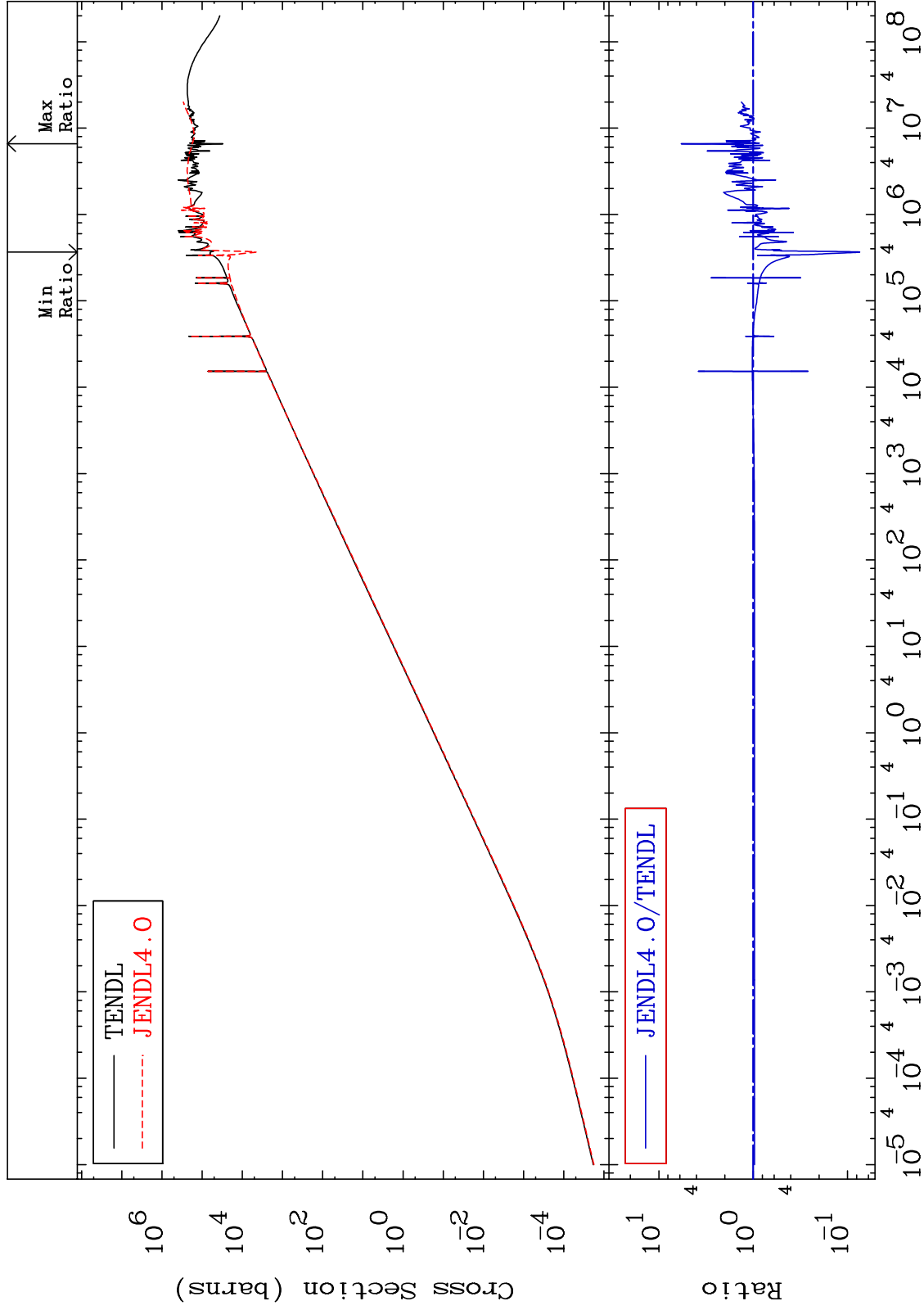
MAT 1428 Kerma total (eV-barns)
 Cross Section 14-Si-29
 -92.57 To 295.9 %



MAT 1428

Kerma elastic
Cross Section

14-Si-29
-92.57 To 478.7 %

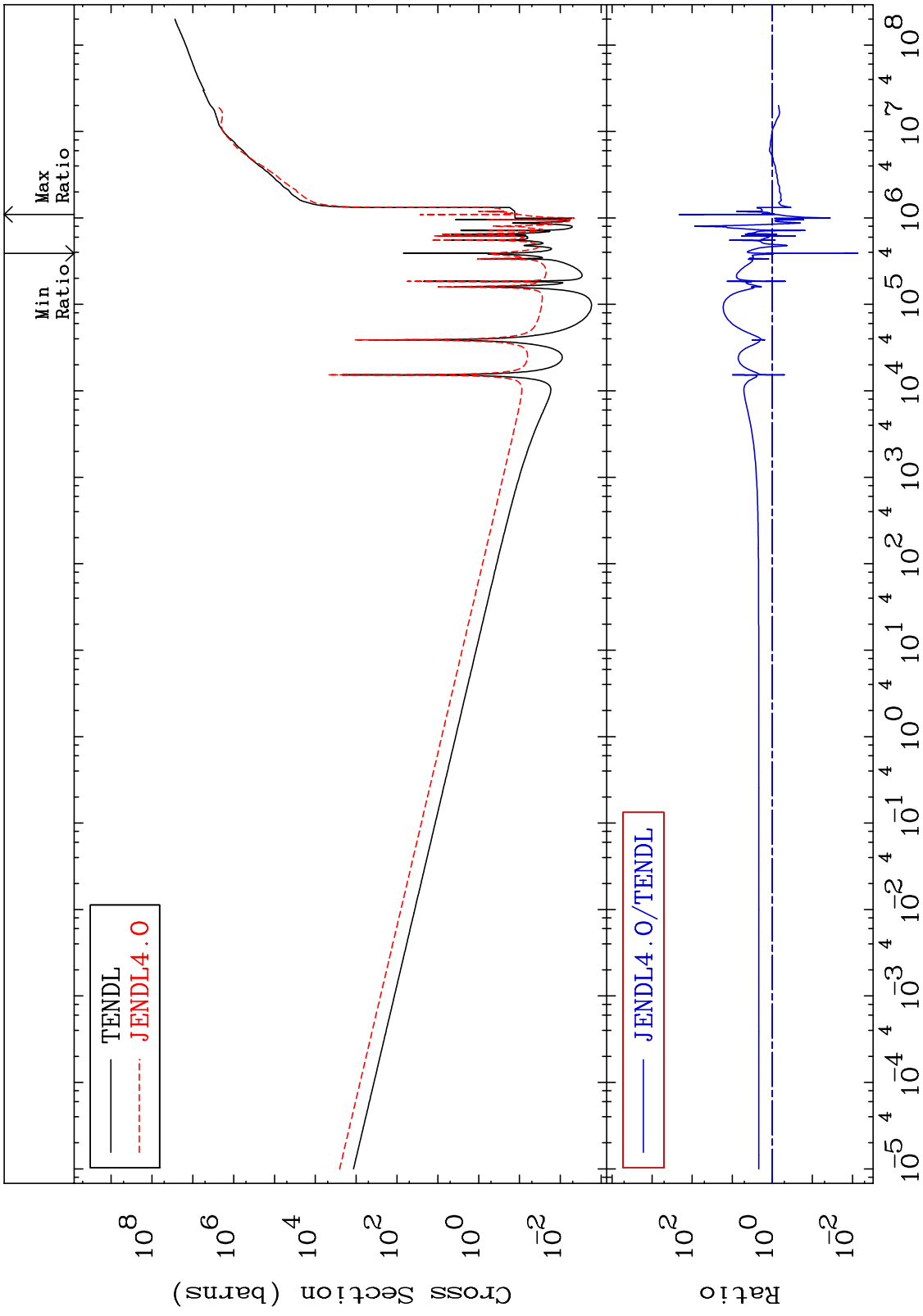


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Incident Energy (eV)

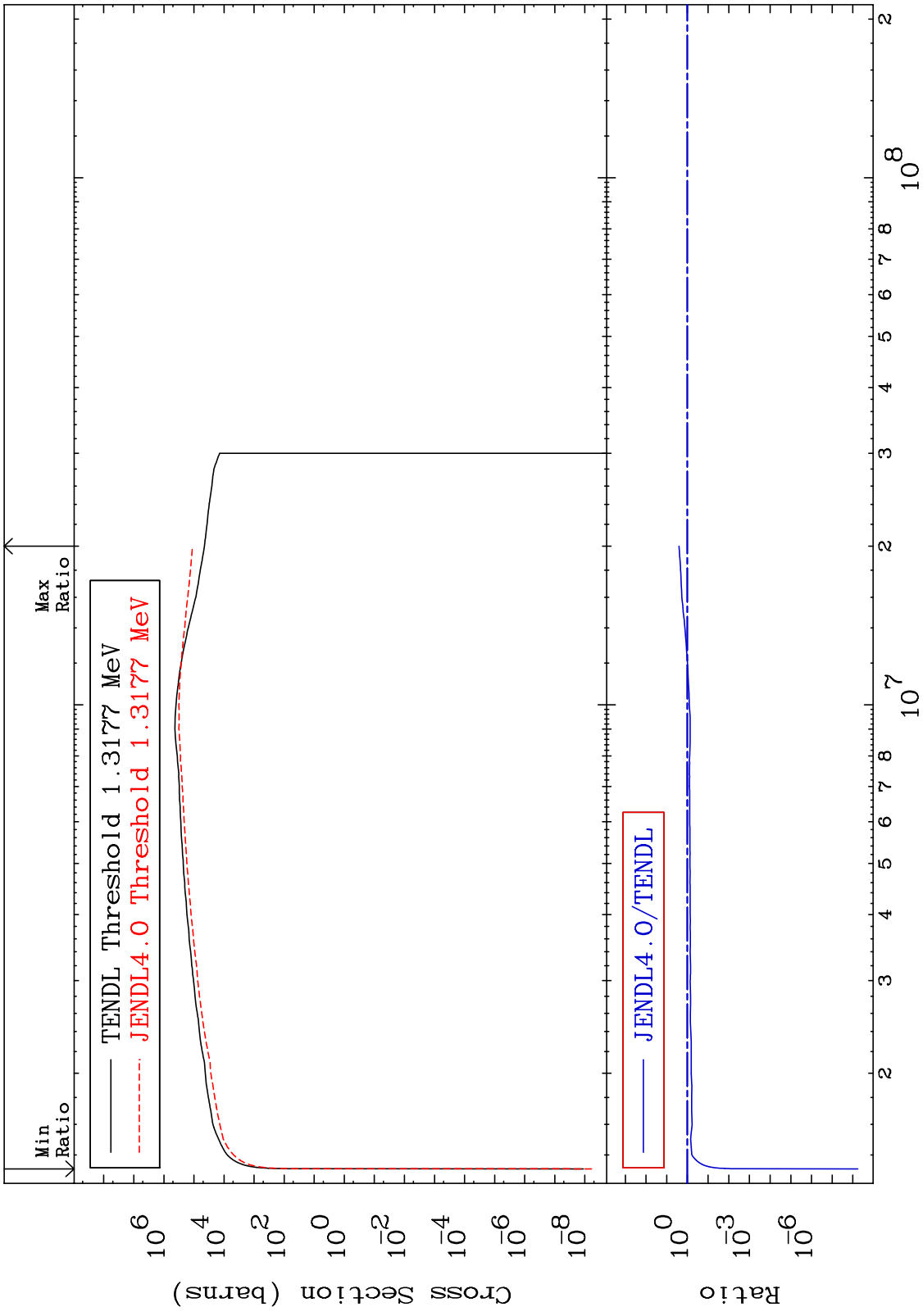
14-Si-29

MAT 1428 Kerma non-elastic (all but mt2) Cross Section 14-Si-29
 -99.26 To 9999. %

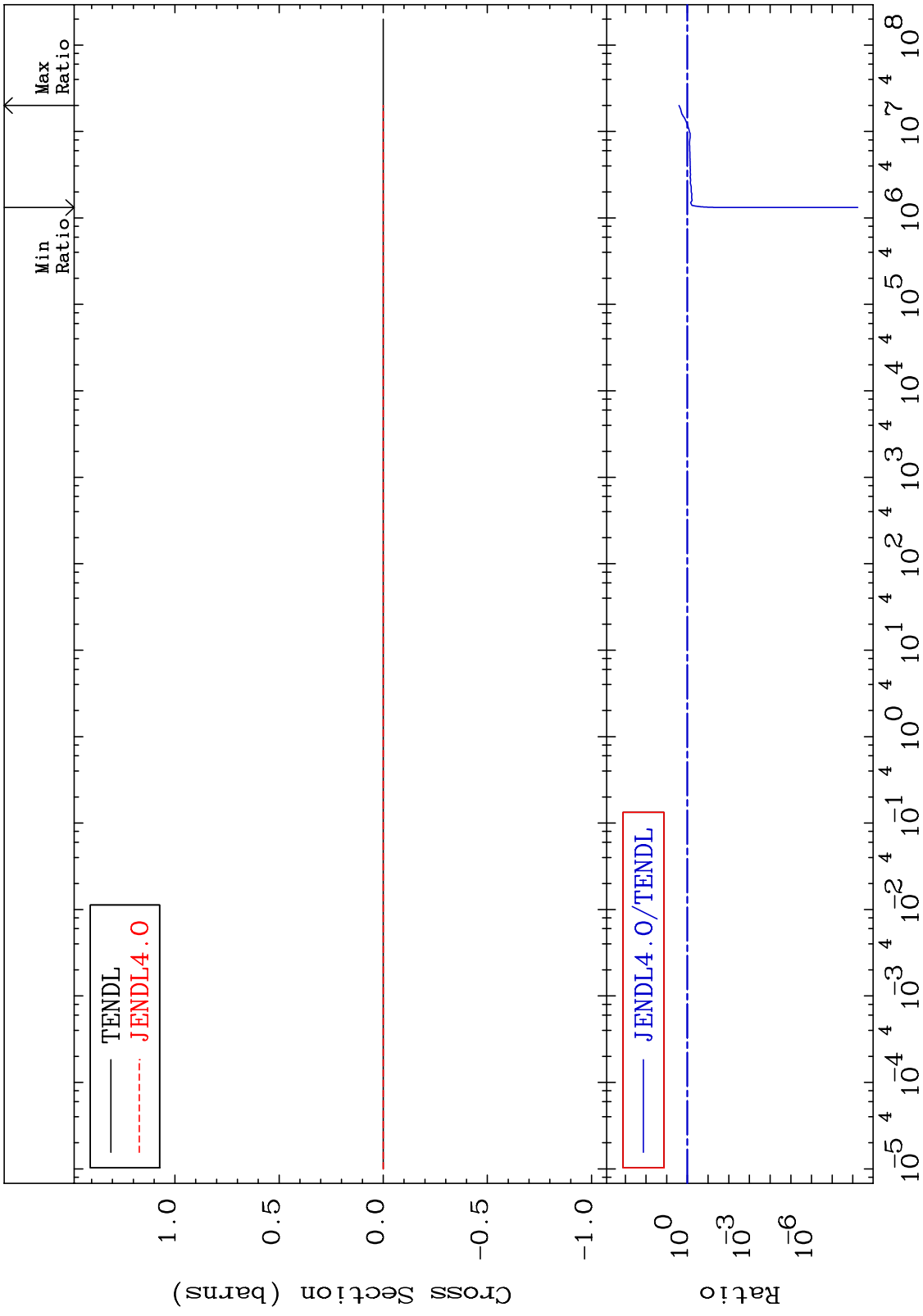


14-Si-29
 Incident Energy (eV)

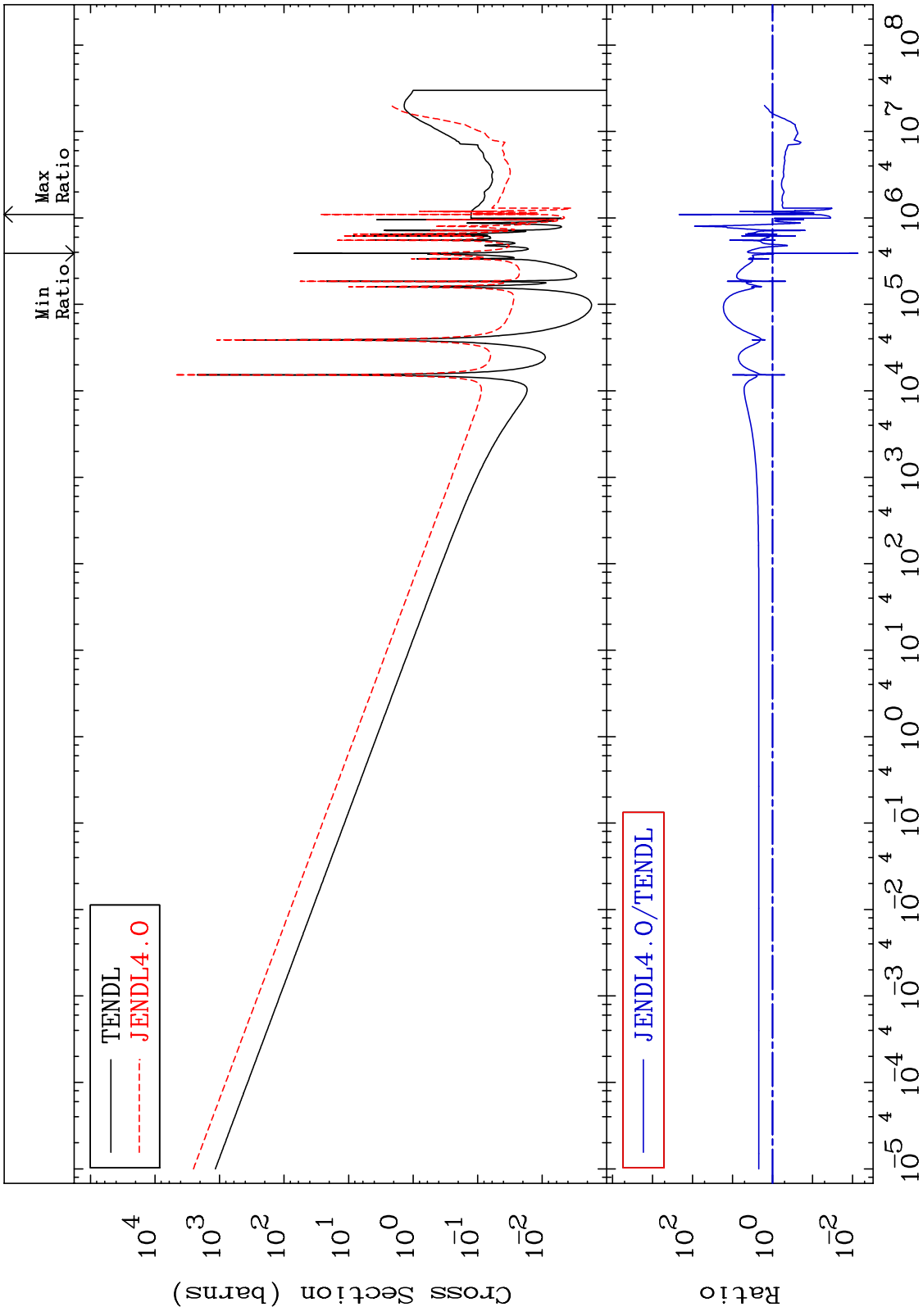
MAT 1428 Kerma inelastic (mt51-91) 14-Si-29
 -100.0 To 153.0 %
 Cross Section



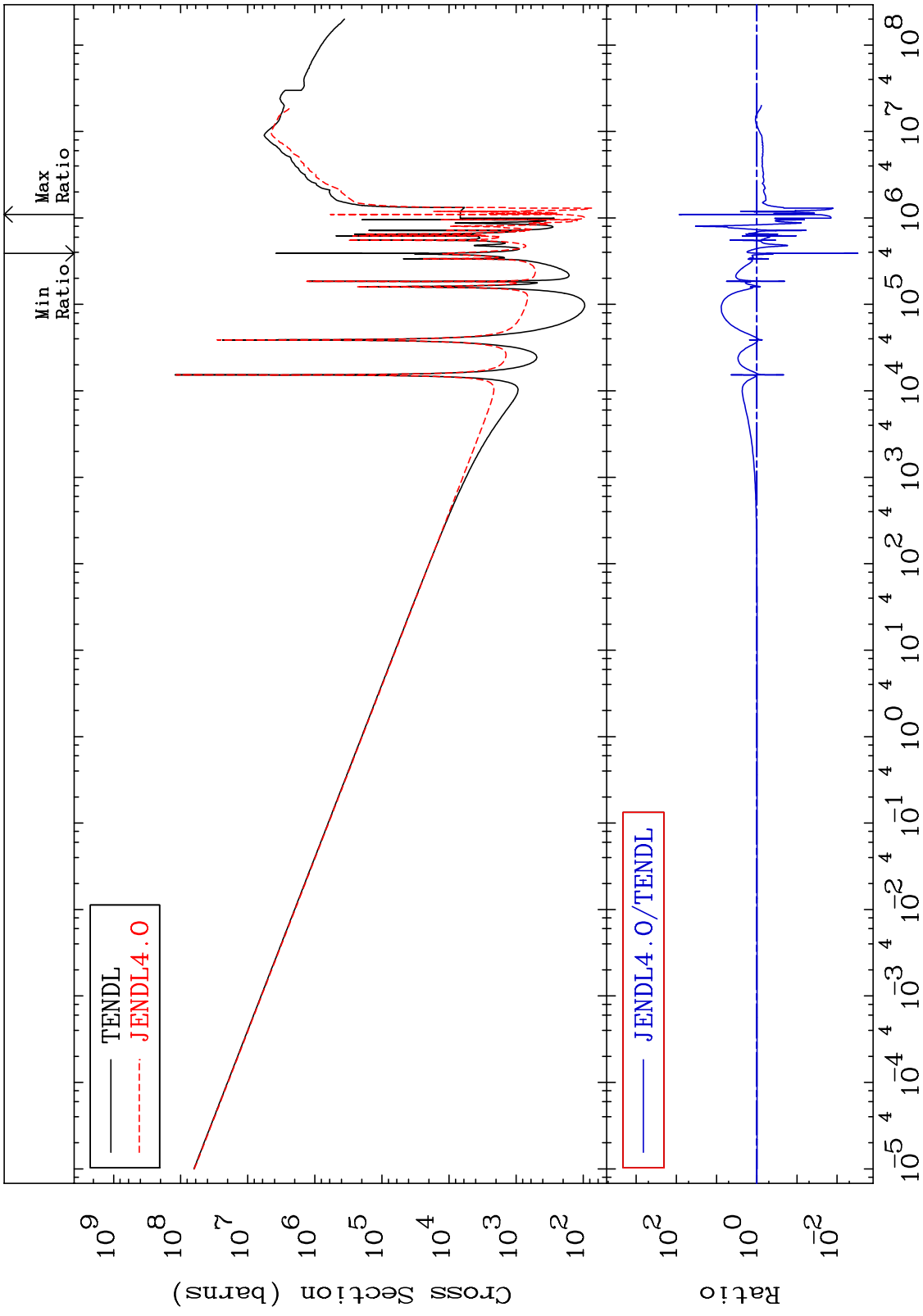
MAT 1428 Kerma fission (mt18 or mt19-20-21-38) 14-Si-29
 Cross Section -100.0 To 153.0 %



MAT 1428 Kerma capture (mt102) 14-Si-29
Cross Section -99.26 To 9999. %

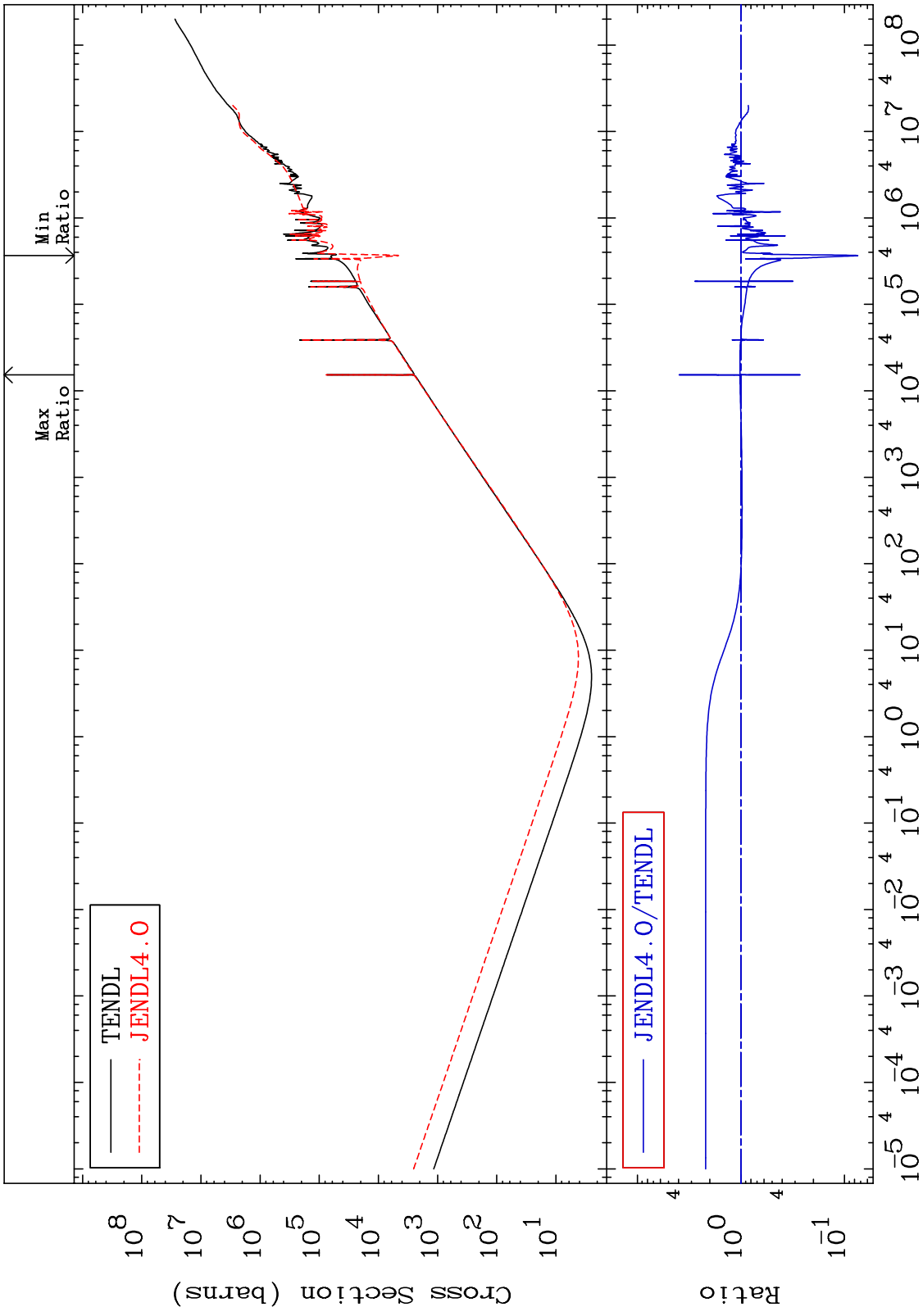


MAT 1428 14-Si-29
Total photon (eV-barns)
Cross Section -99.70 To 8490. %

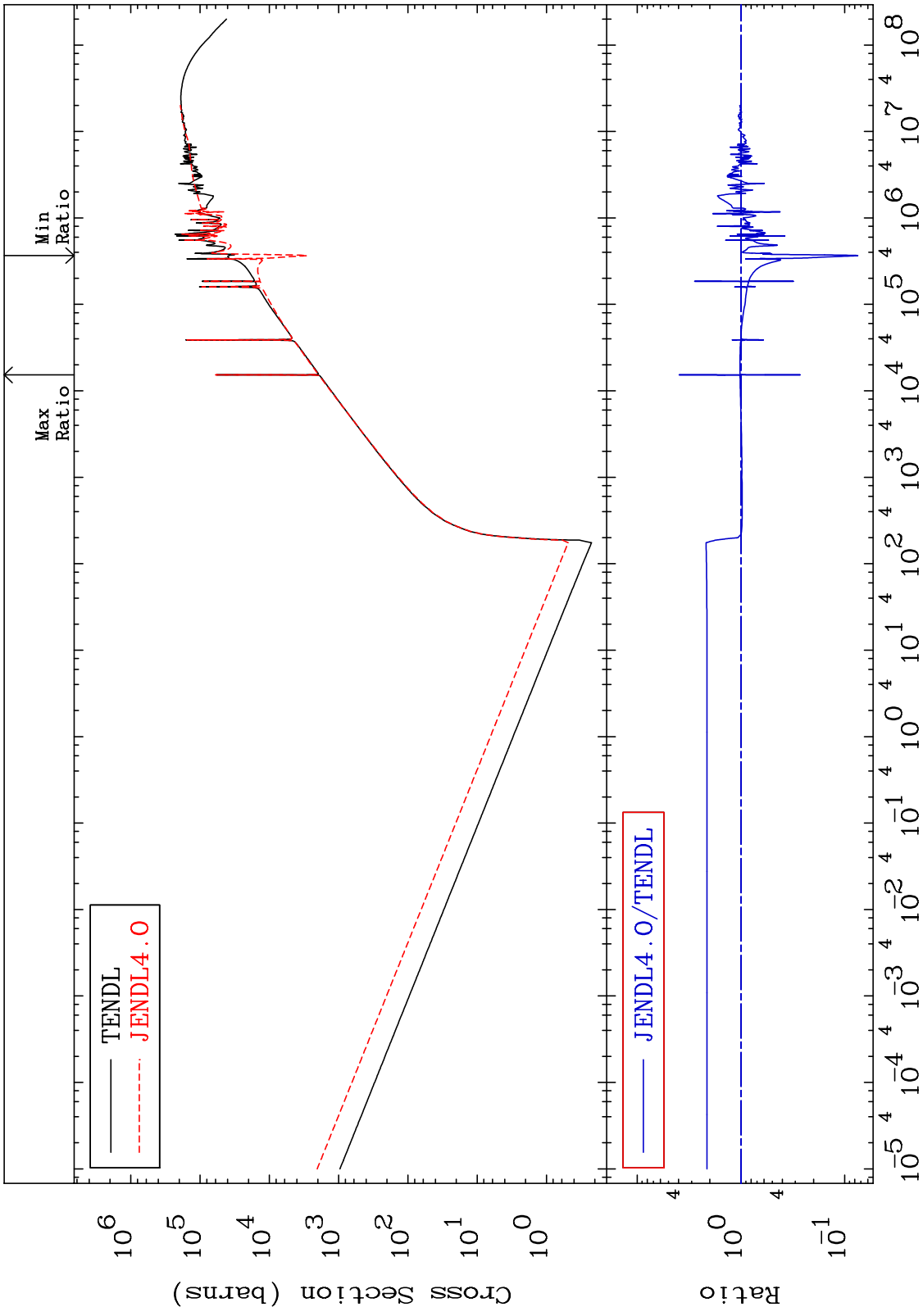


14-Si-29
48

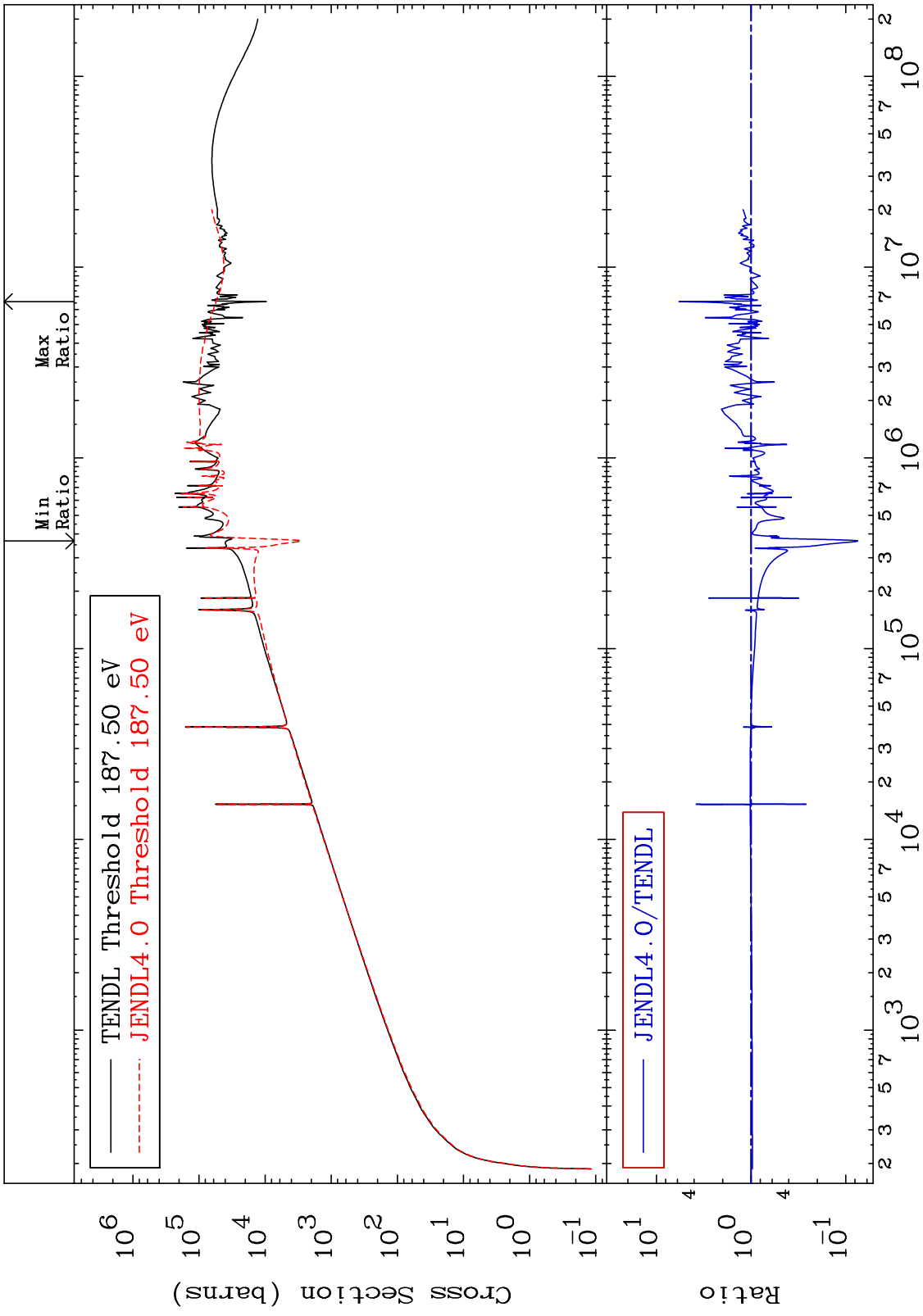
MAT 1428 Total kinematic kerma (high limit) 14-Si-29
Cross Section -92.57 To 295.9 %



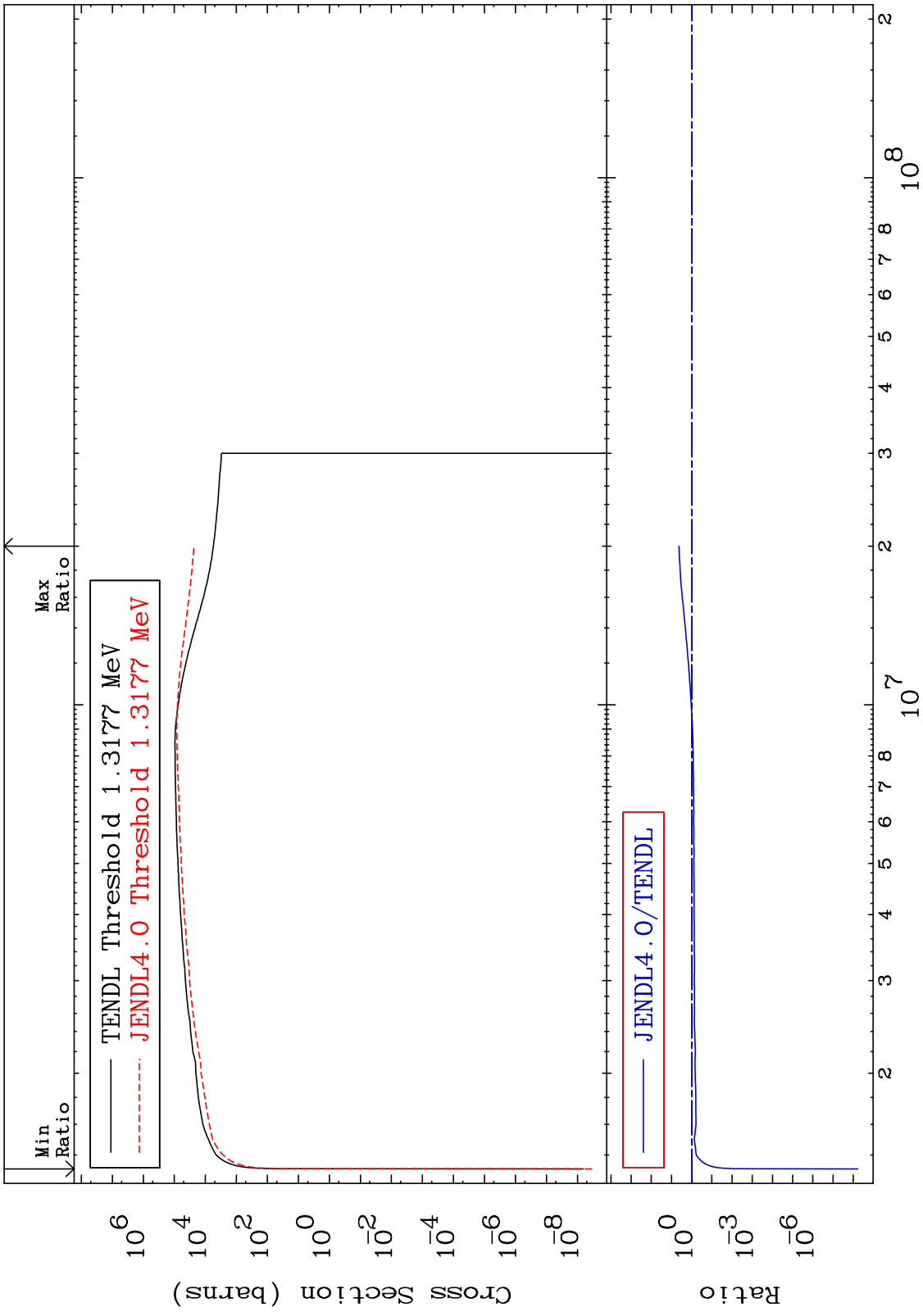
MAT 1428 Dpa total (eV-barns) 14-Si-29
 Cross Section -92.52 To 296.0 %



MAT 1428 14-Si-29 -92.52 To 476.2 %
 Dpa elastic (mt2) Cross Section



MAT 1428 Dpa inelastic (mt51-91) 14-Si-29
 Cross Section -100.0 To 322.0 %



MAT 1428 Dpa disappearance (mt102 -120) 14-Si-29
 Cross Section -99.29 To 9999. %

