

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

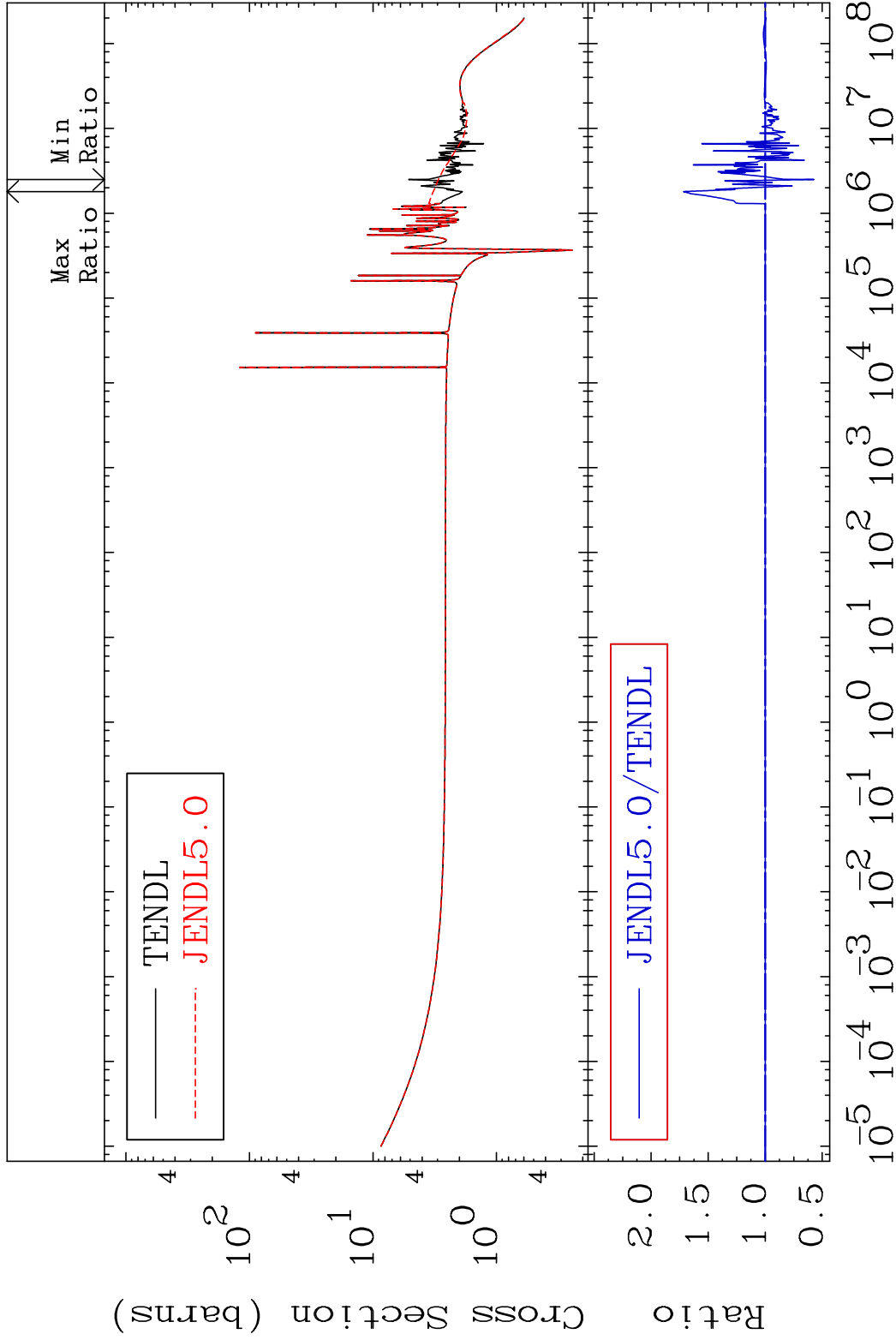
MAT 1428

Total

14-Si-29

Cross Section

-42.66 To 71.67 %

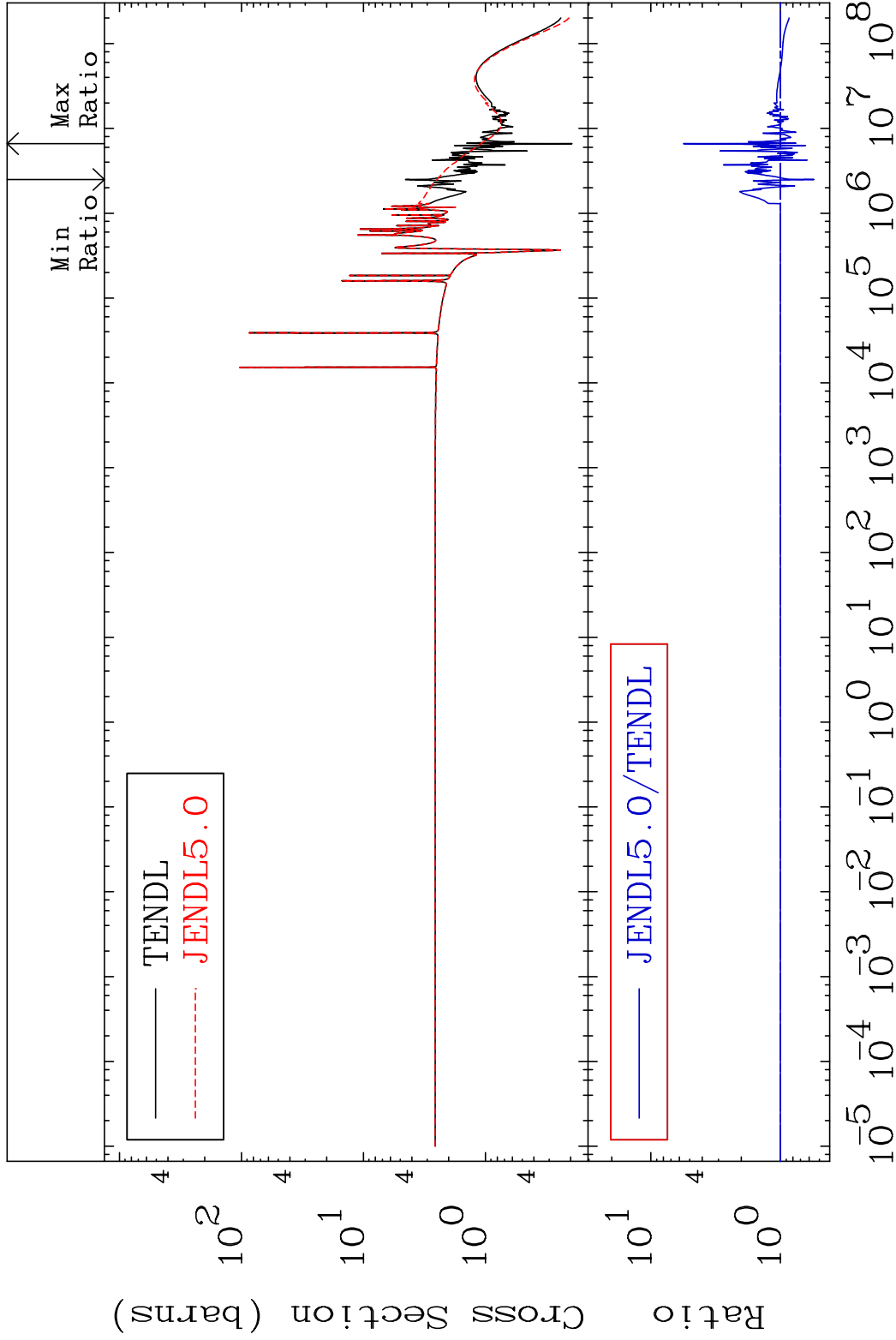


MAT 1428

Elastic

14-Si-29

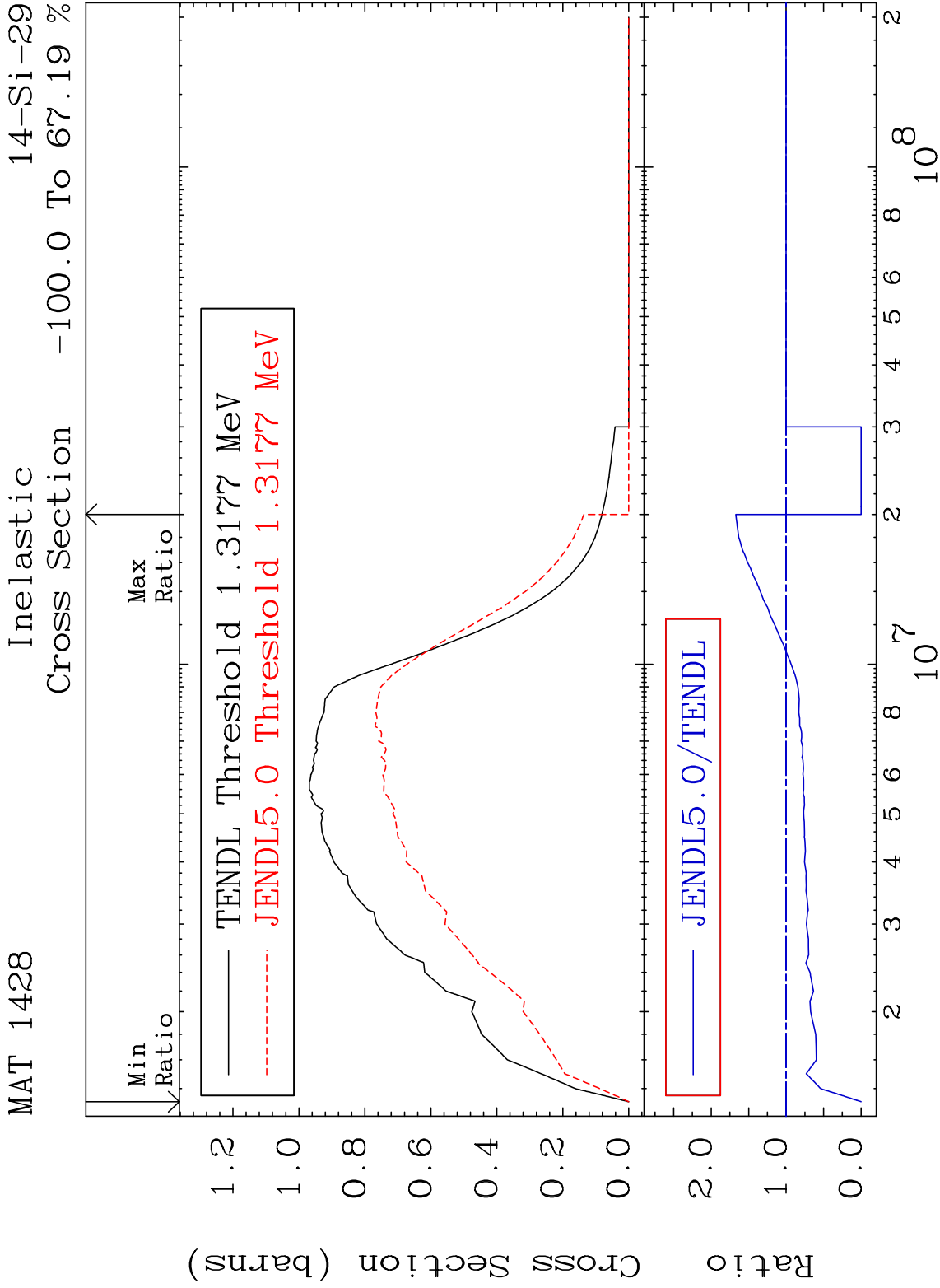
Cross Section -44.88 To 459.2 %



2

Incident Energy (eV)

14-Si-29

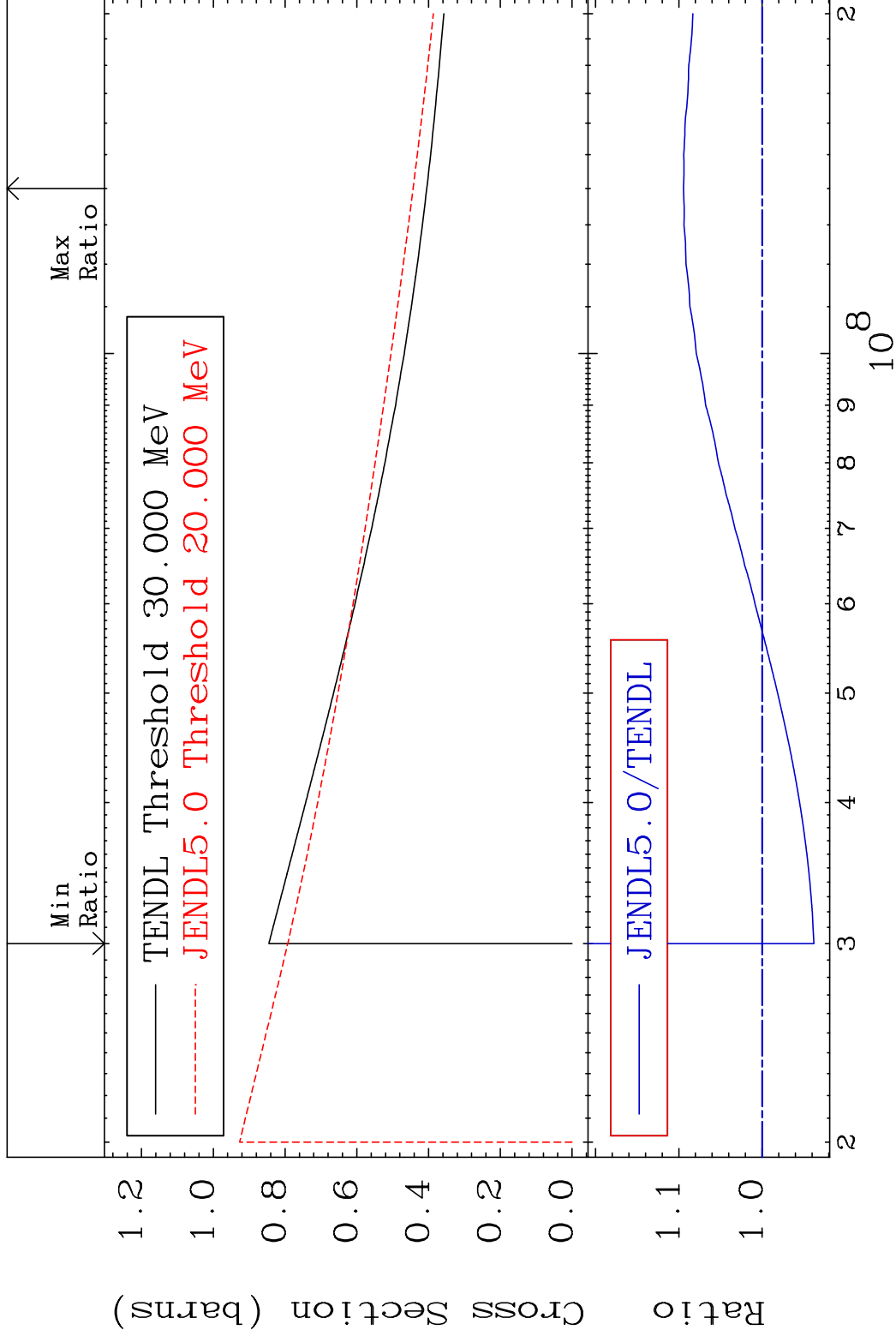


MAT 1428

(n, remainder)

14-Si-29

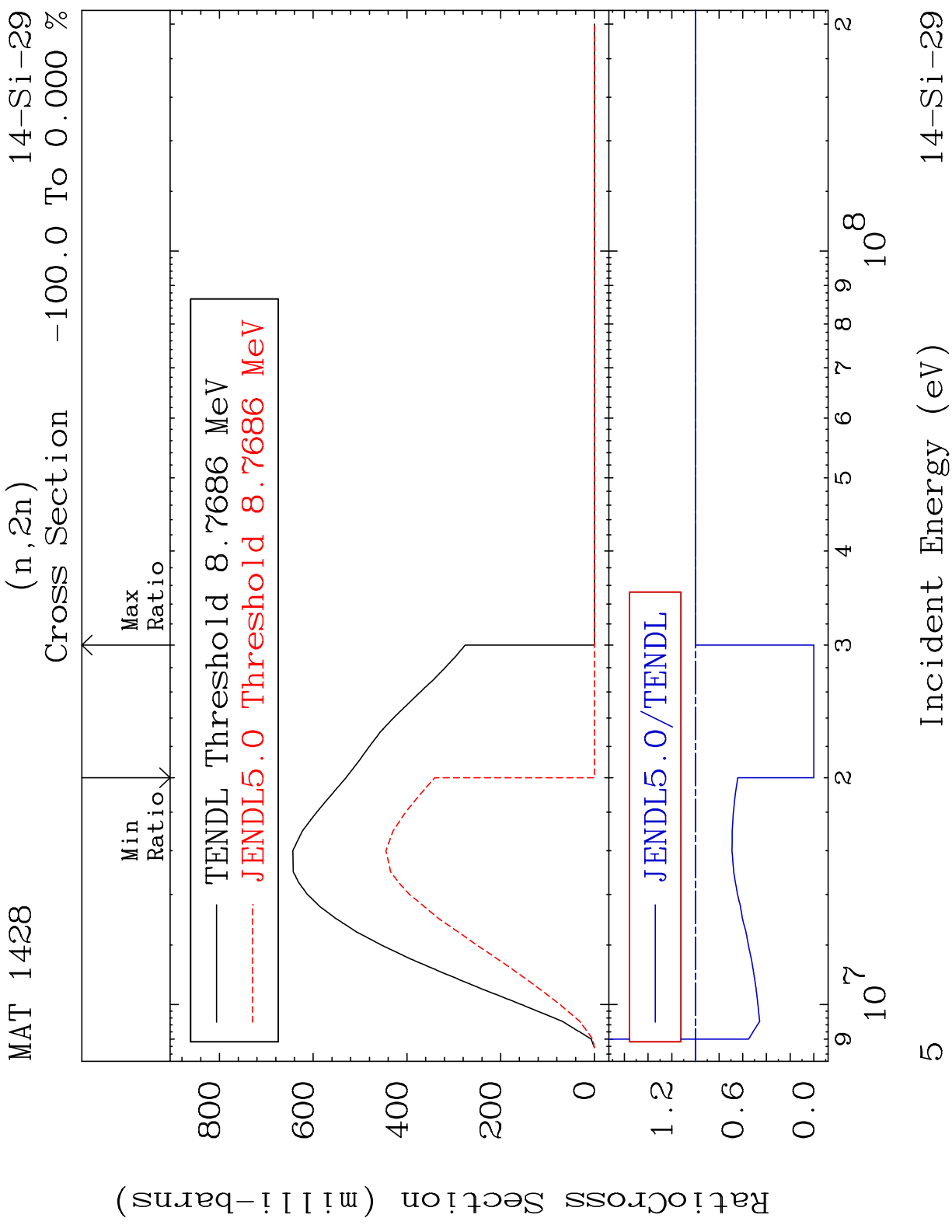
Cross Section -6.213 To 9.443 %



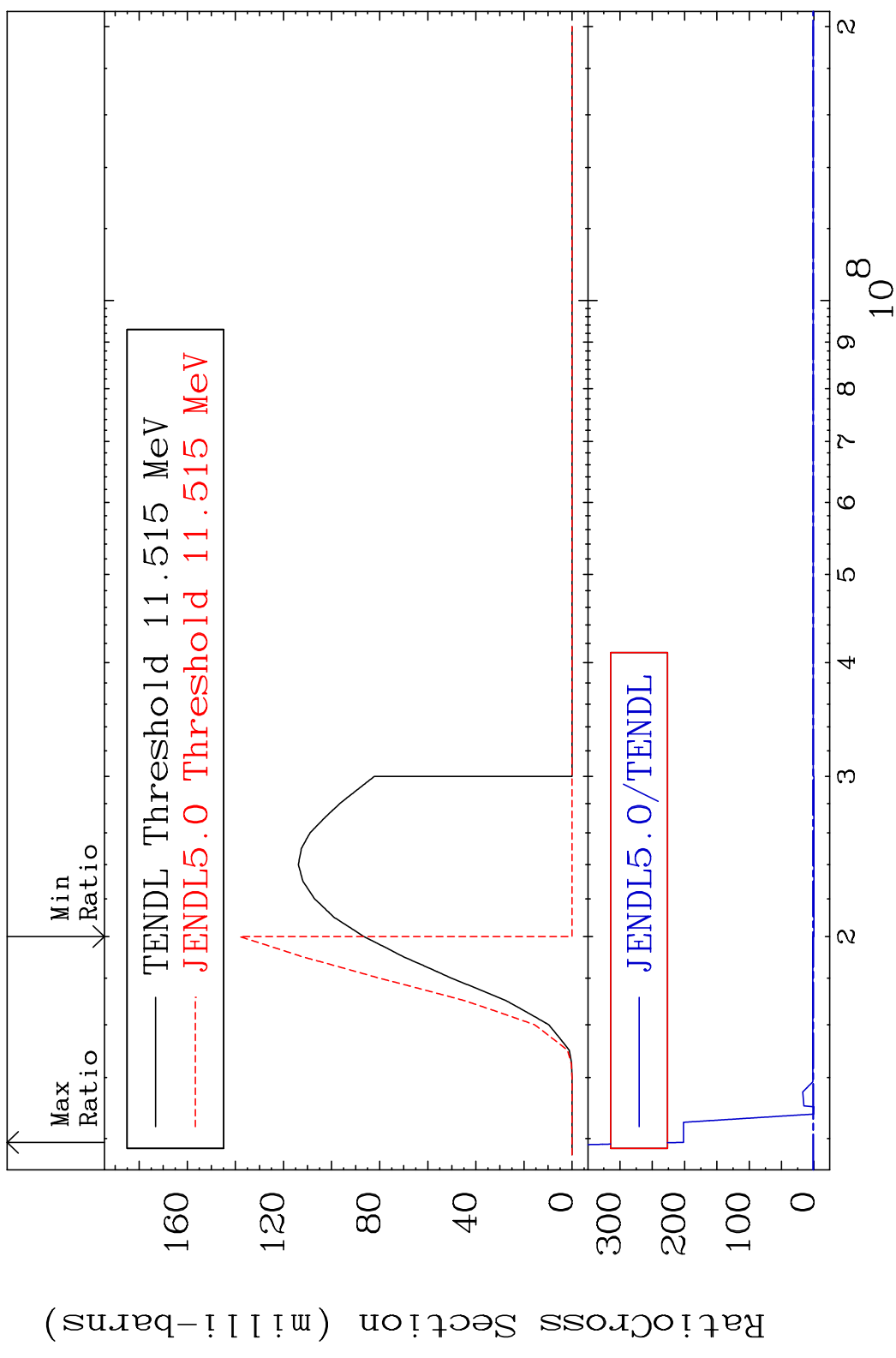
4

Incident Energy (eV)

14-Si-29



MAT 1428 (n, n') α 14-Si-29
 Cross Section -100.0 To 9999. %

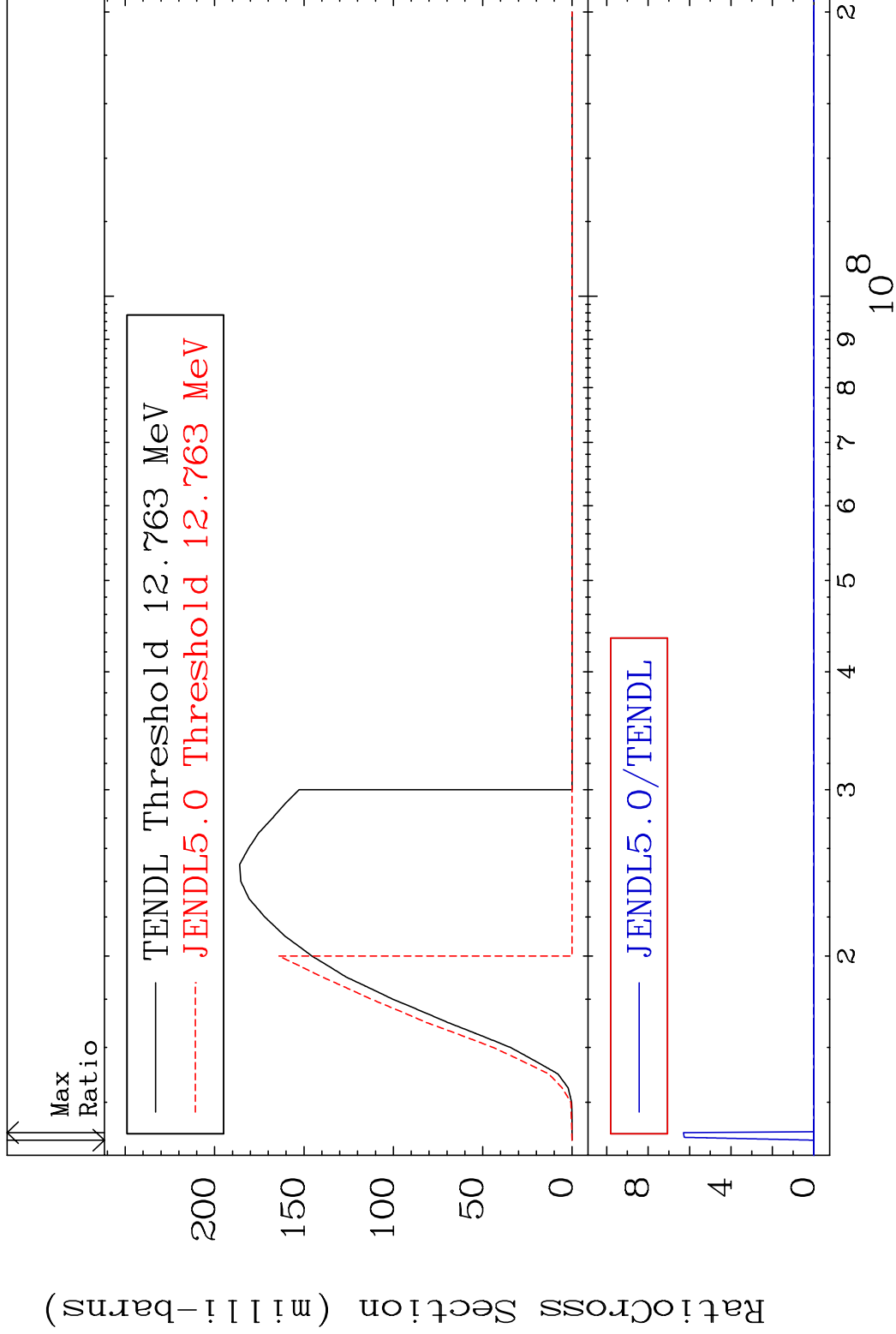


MAT 1428

(n, n') p

14-Si-29

Cross Section -100.0 To 9999. %

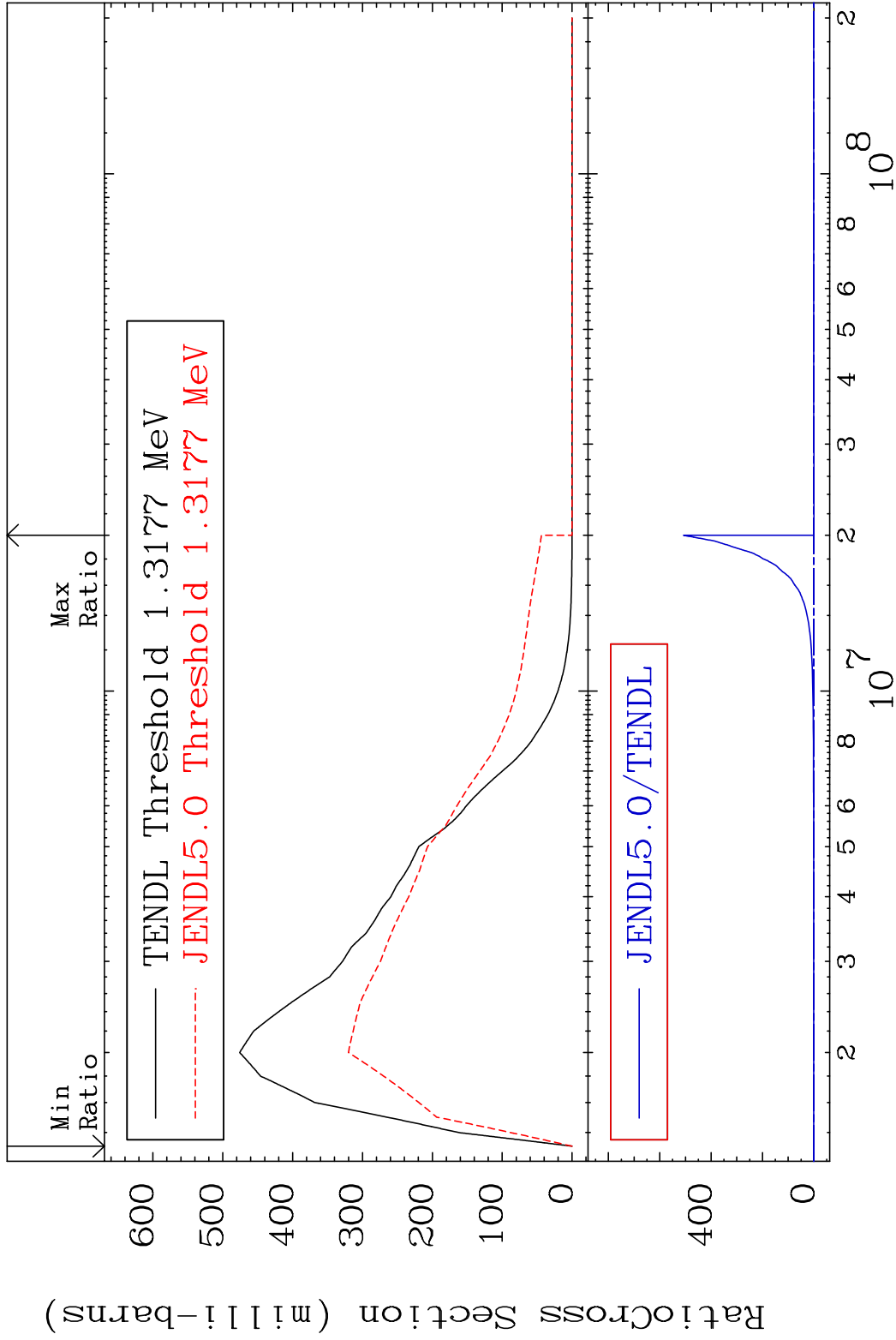


7

Incident Energy (eV)

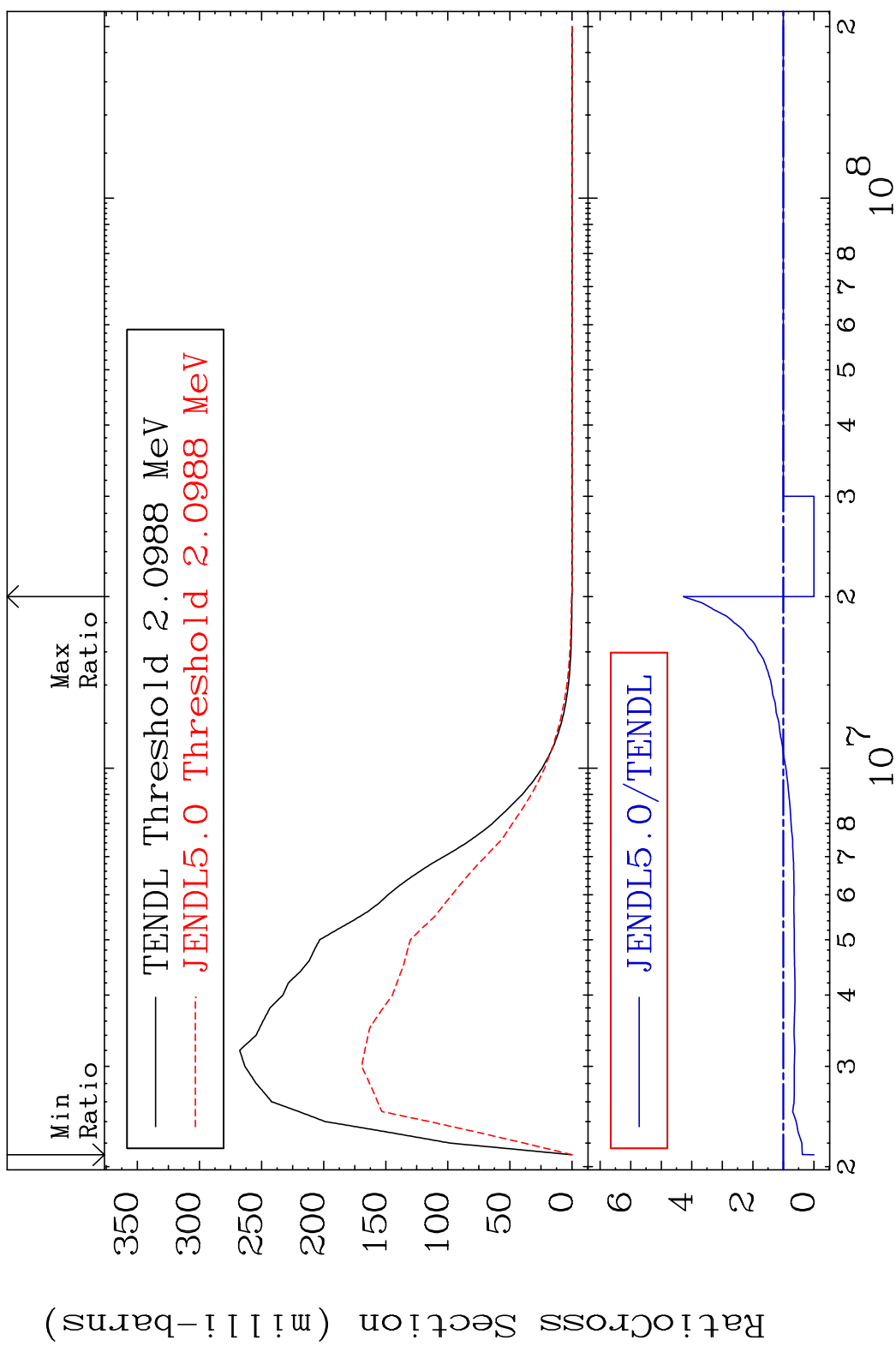
14-Si-29

MAT 1428 MT= 51 (n, n') Level 14-Si-29
 Cross Section -100.0 To 9999. %



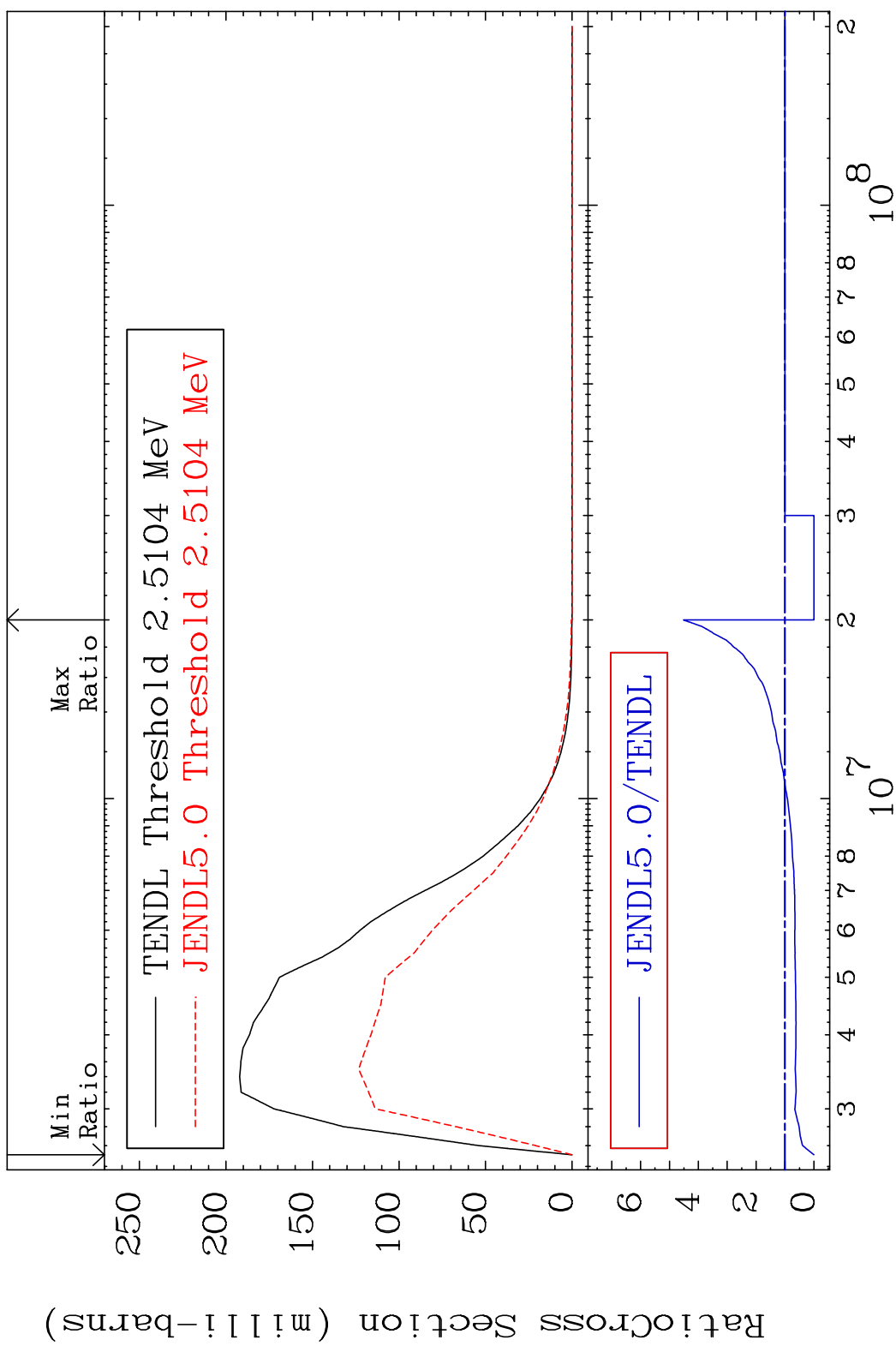
8 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 52 (n, n') Level 14-Si-29
 Cross Section -100.0 To 327.3 %



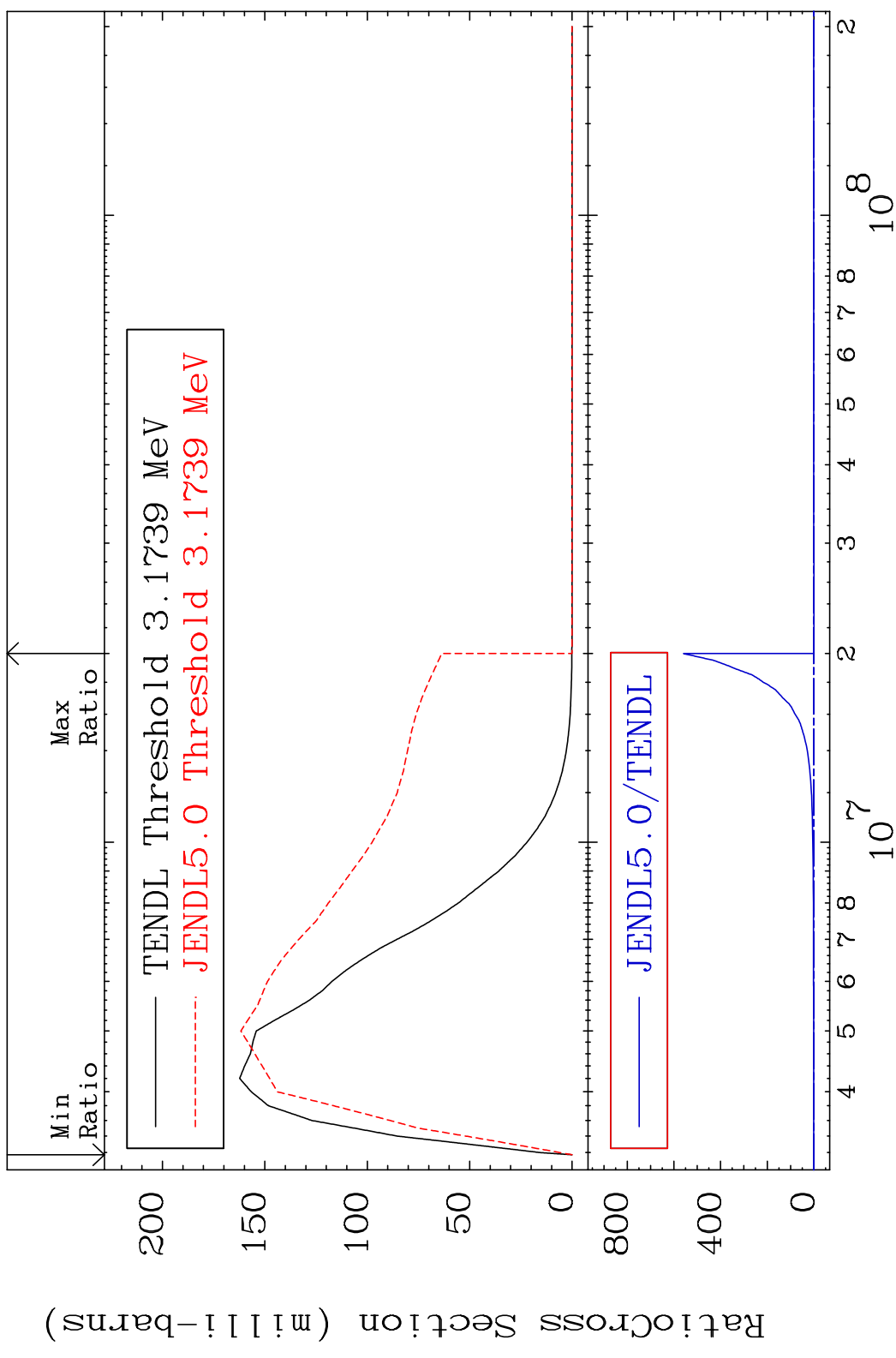
9 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 53 (n, n') Level 14-Si-29
 Cross Section -100.0 To 351.5 %

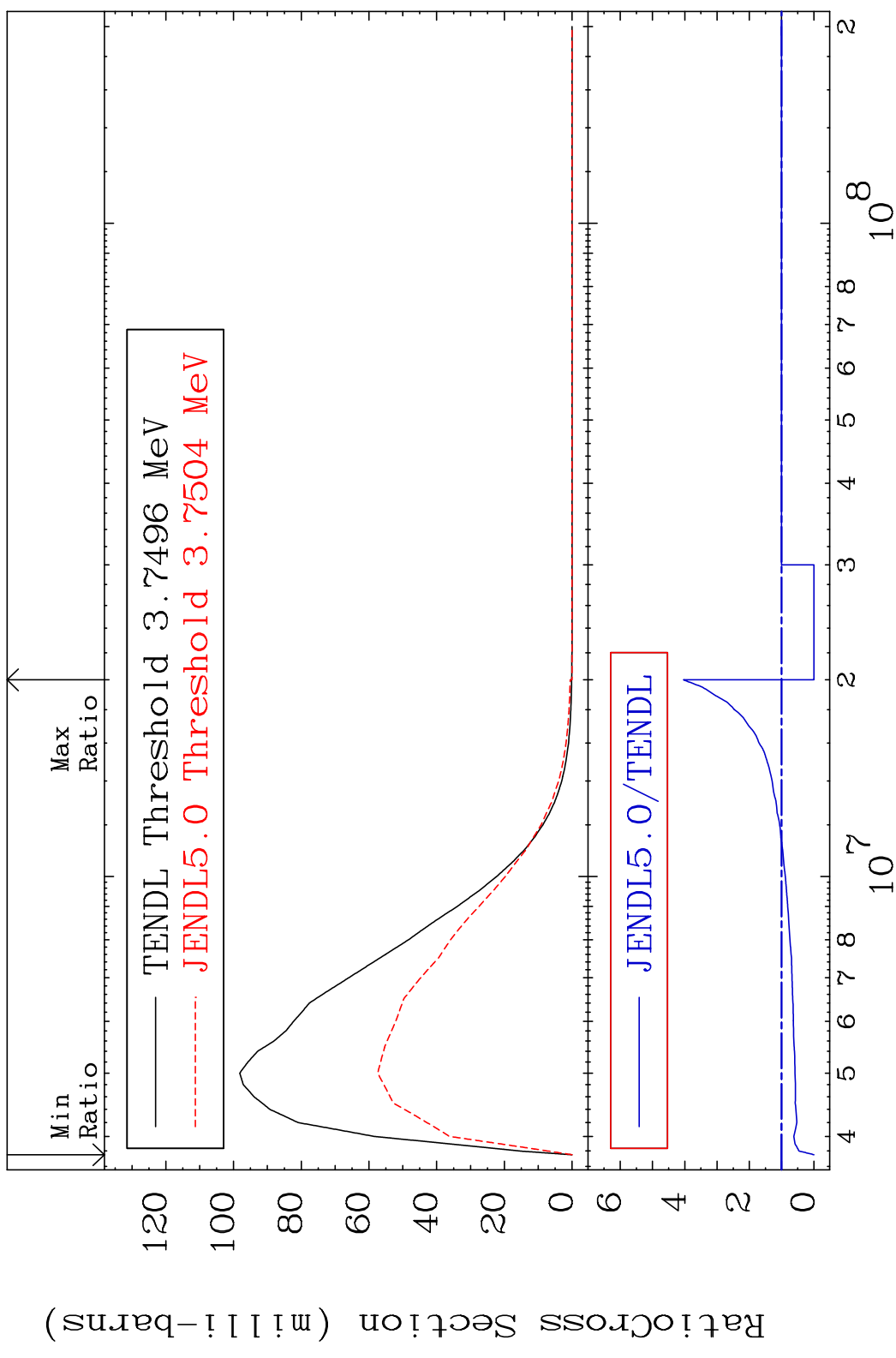


10 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 54 (n, n') Level 14-Si-29
 Cross Section -100.0 To 9999. %

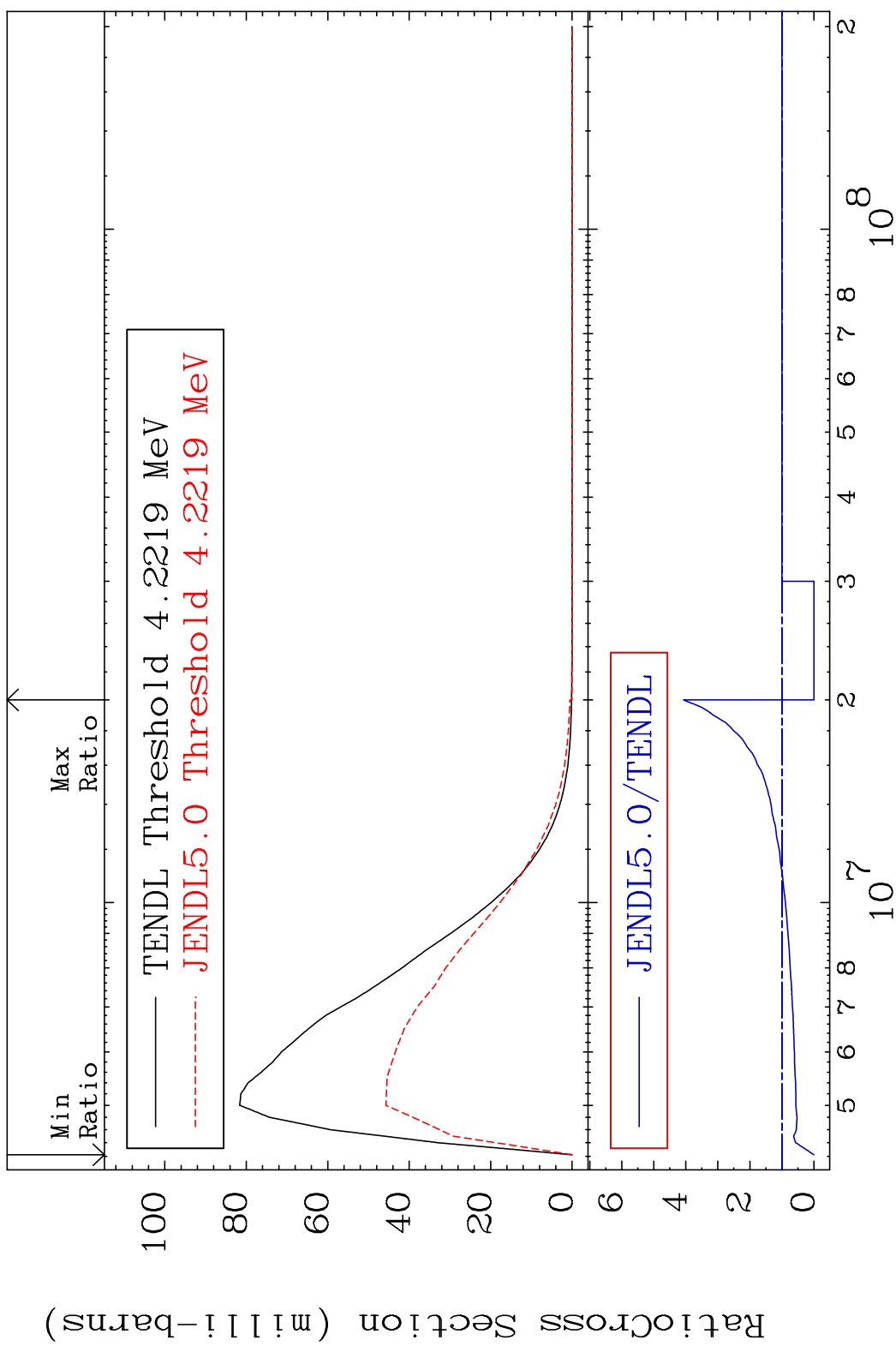


MAT 1428 MT= 55 (n, n') Level 14-Si-29
 Cross Section -100.0 To 304.1 %

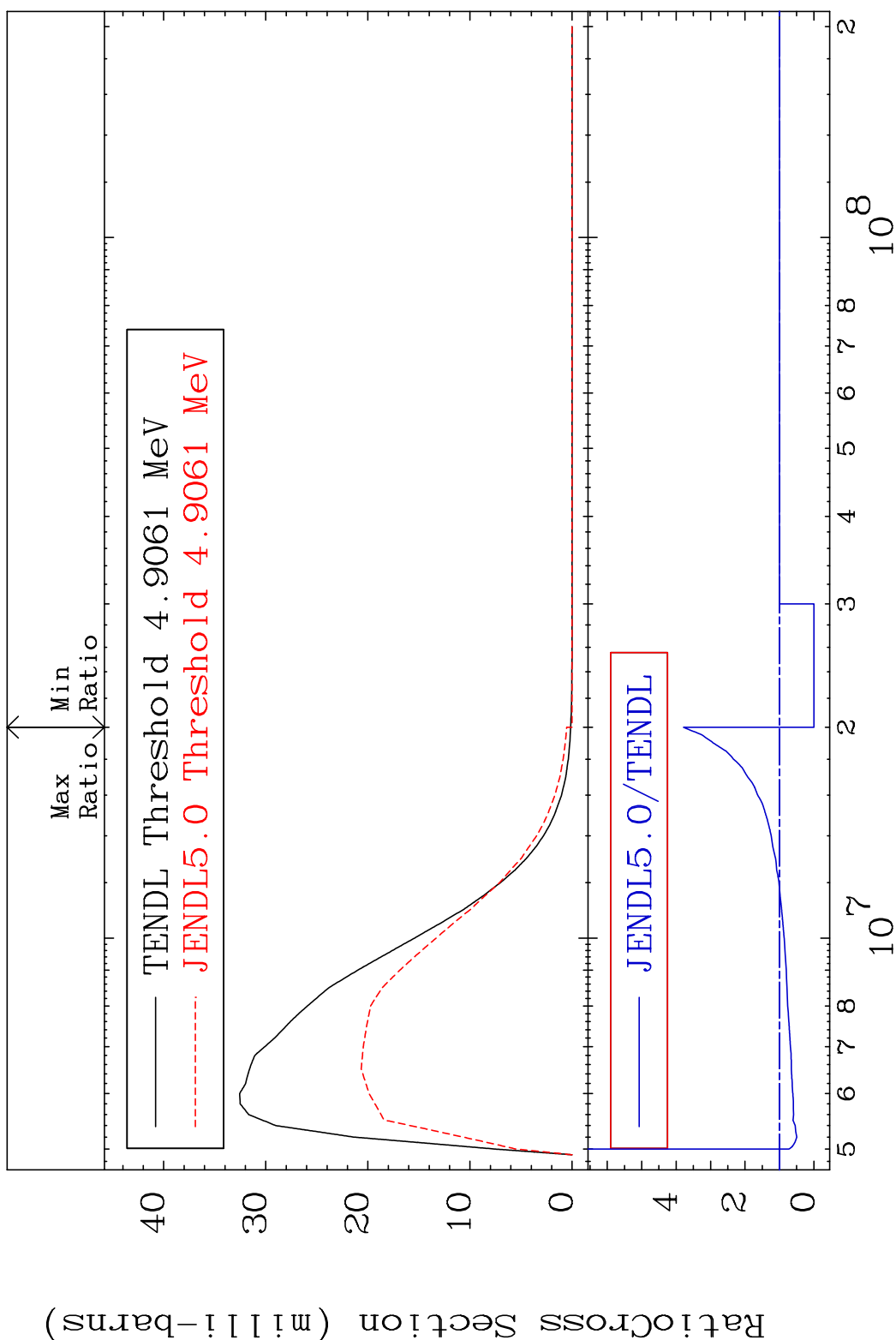


12 14-Si-29

MAT 1428 MT= 56 (n, n') Level 14-Si-29
 Cross Section -100.0 To 307.4 %

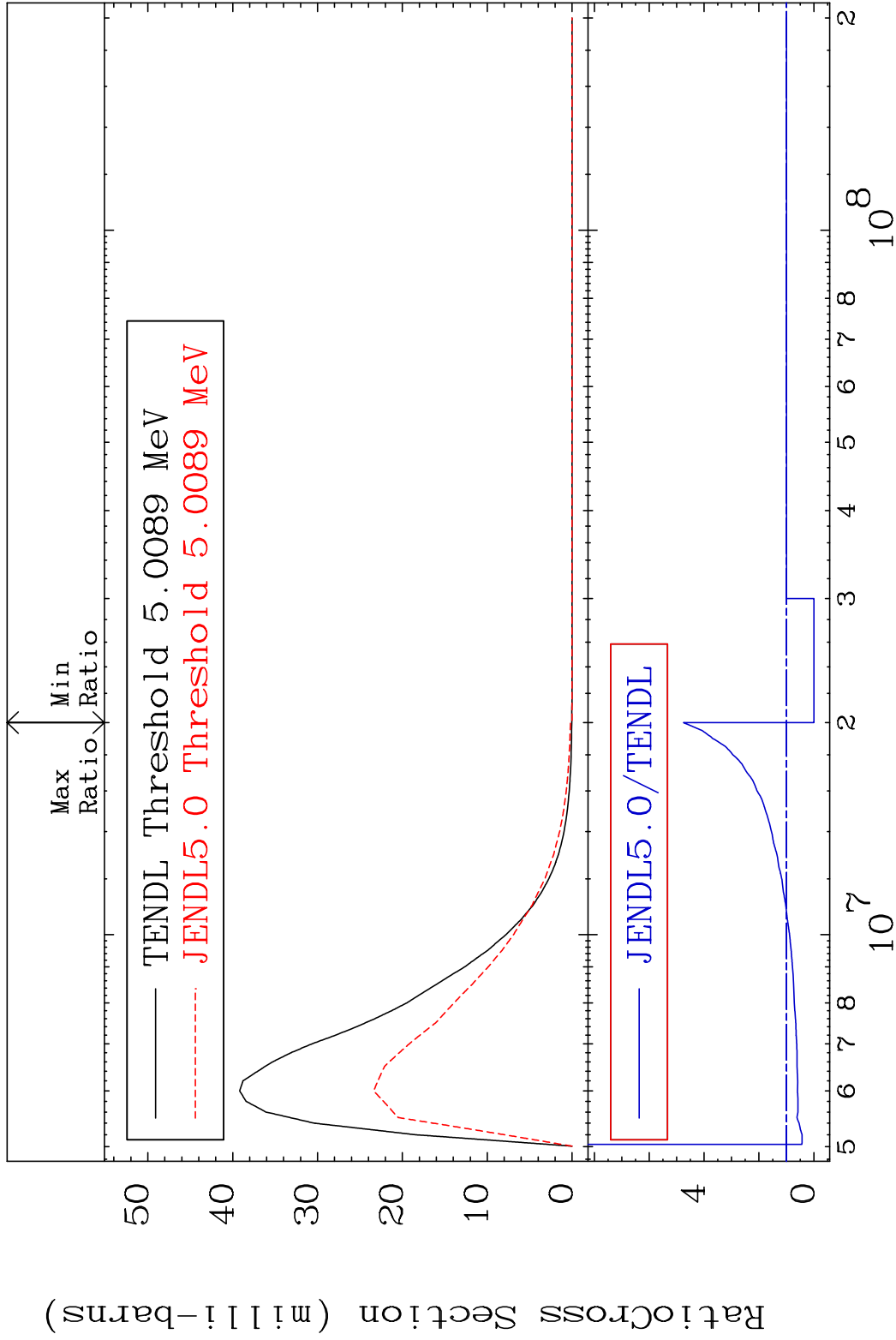


MAT 1428 MT= 57 (n, n') Level 14-Si-29
 Cross Section -100.0 To 278.7 %



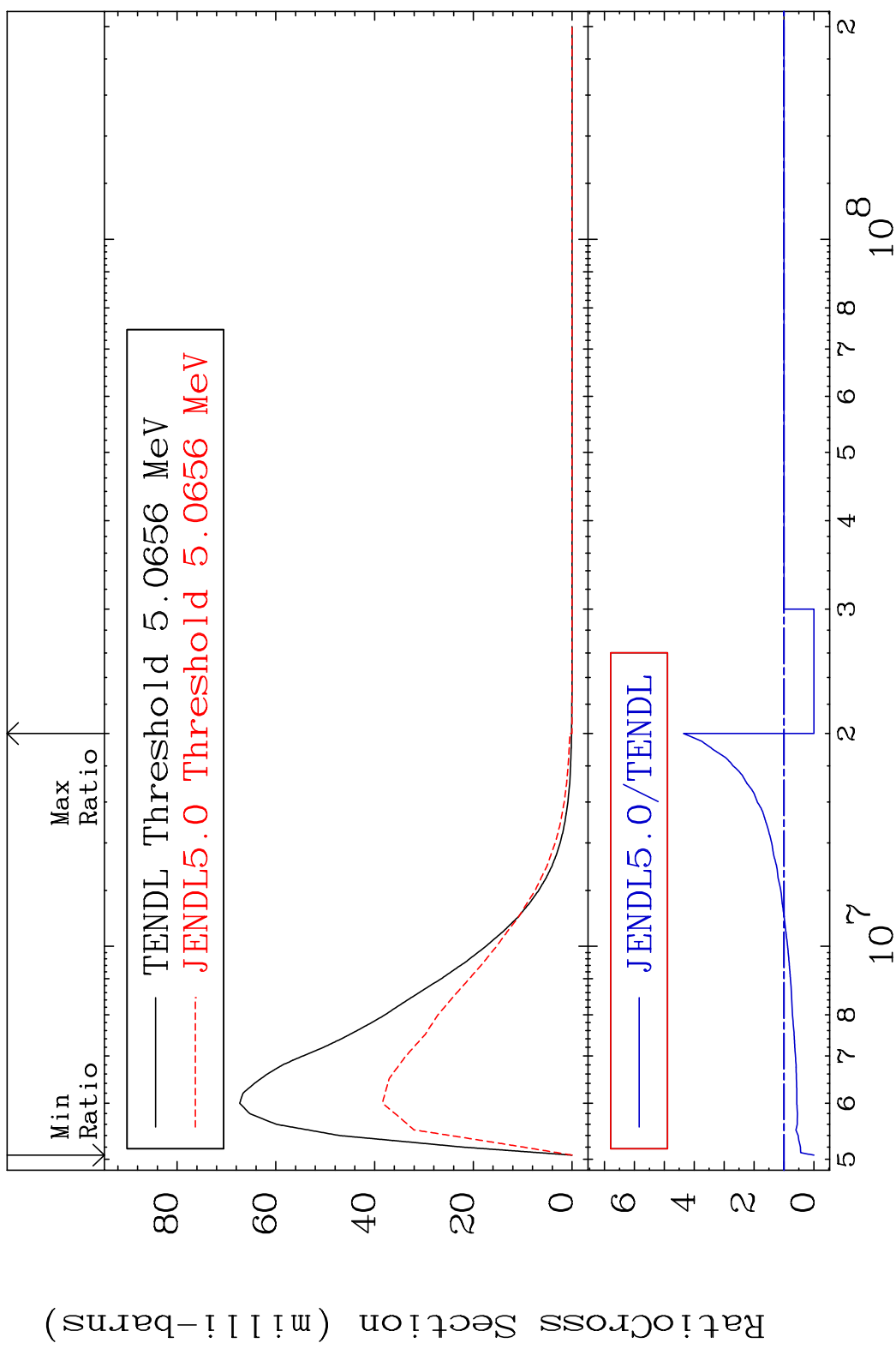
14 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 58 (n, n') Level 14-Si-29
 Cross Section -100.0 To 375.2 %



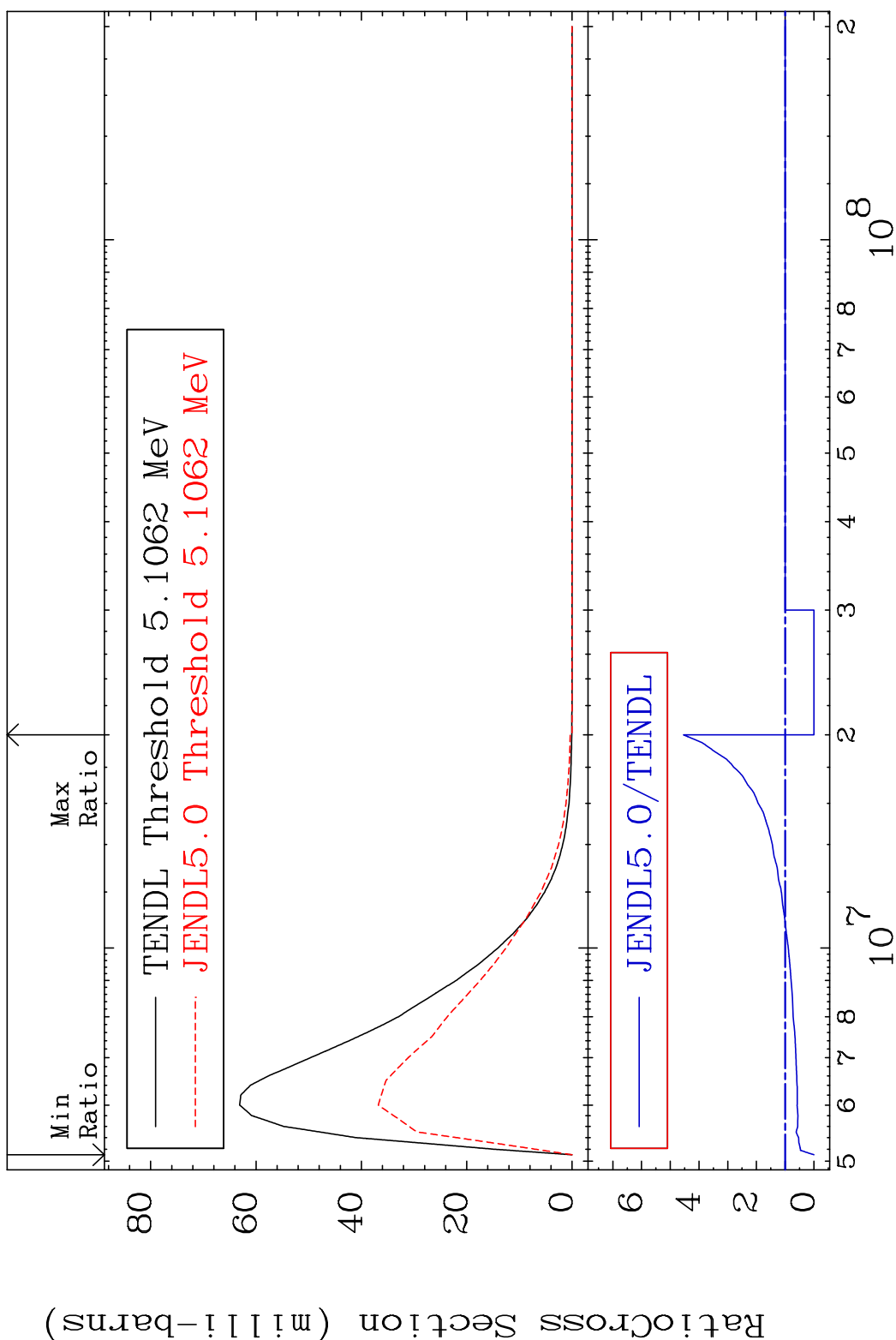
15 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 59 (n, n') Level 14-Si-29
 Cross Section -100.0 To 336.0 %



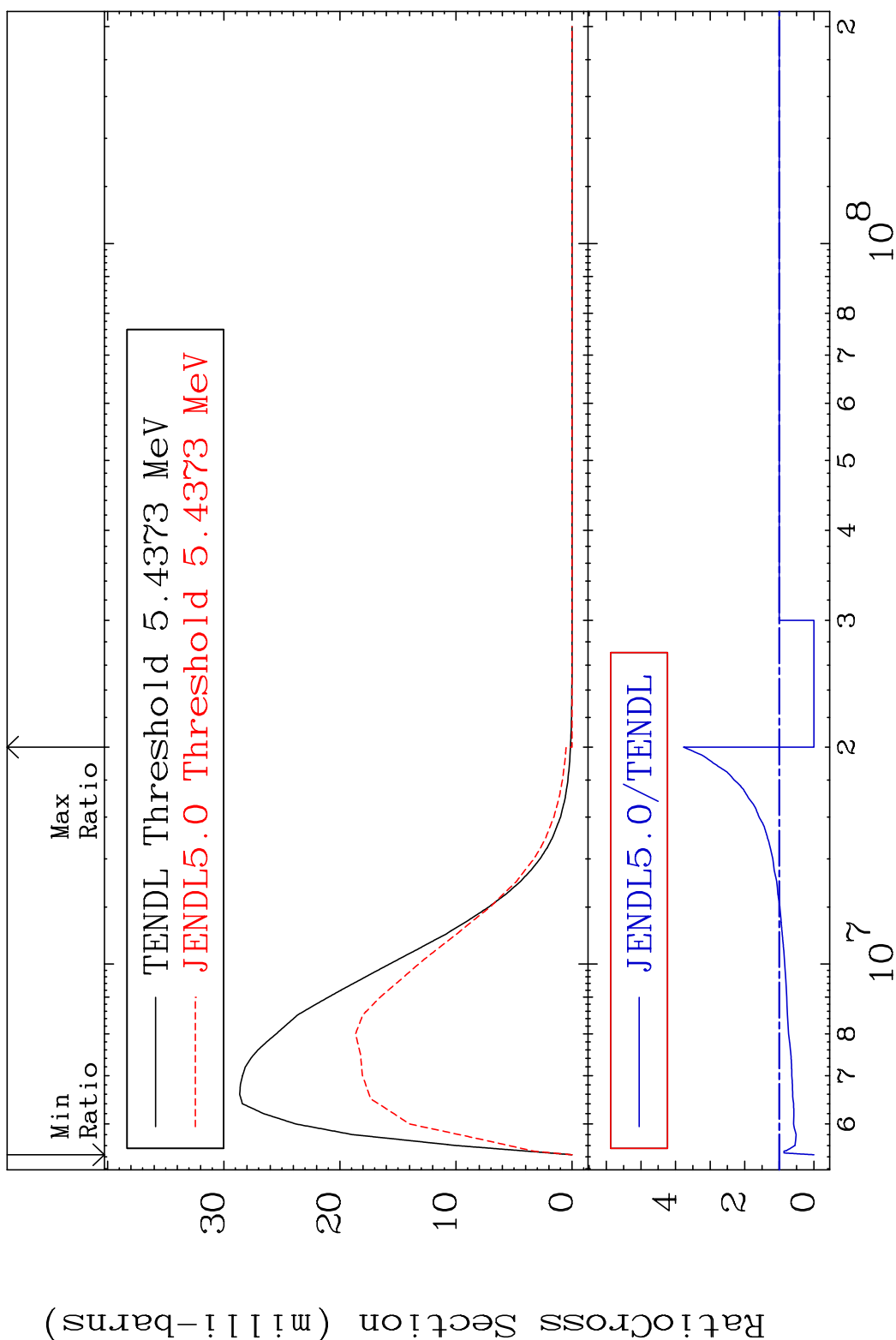
16 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 60 (n, n') Level 14-Si-29
 Cross Section -100.0 To 354.1 %



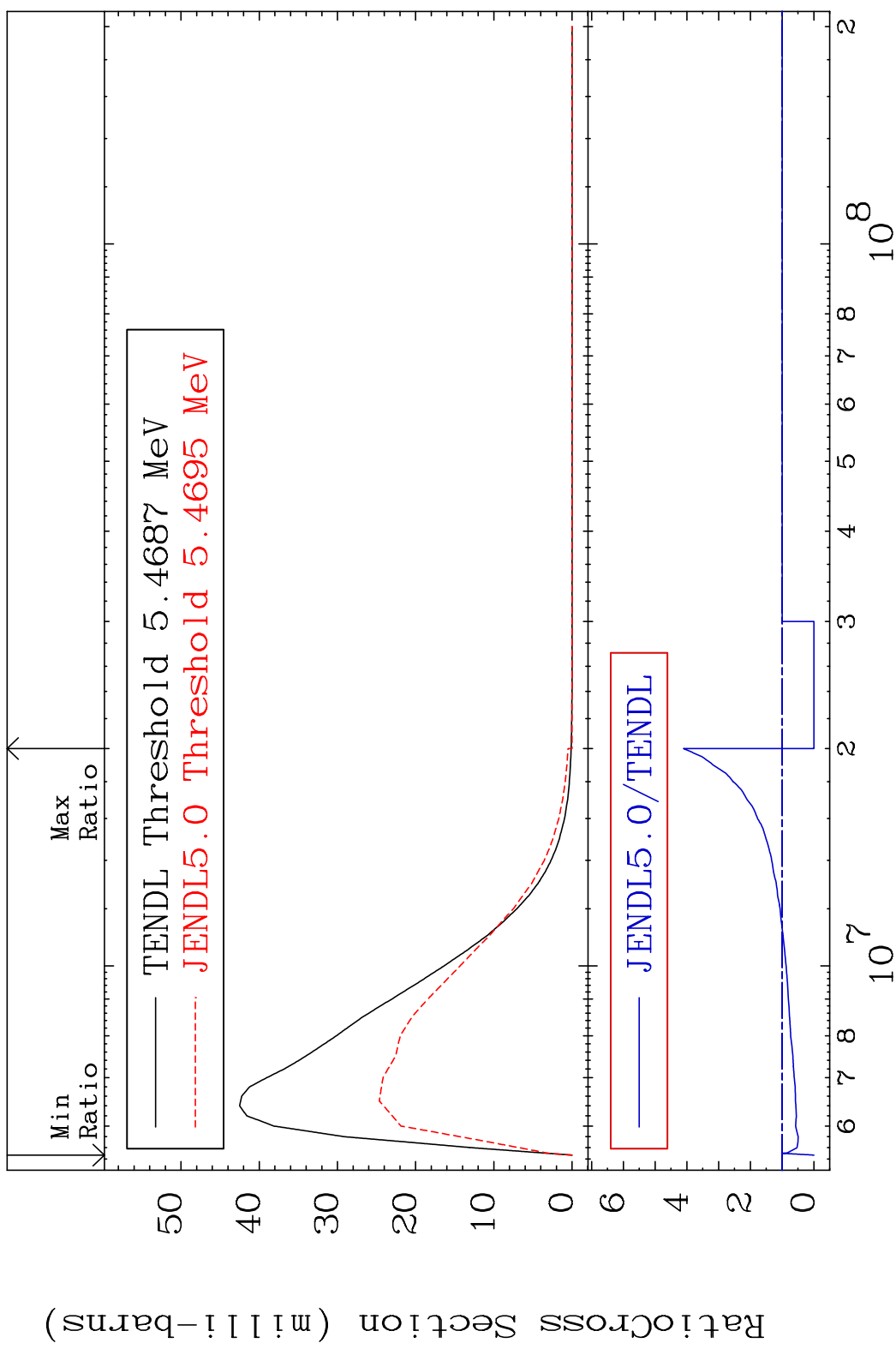
17 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 61 (n, n') Level 14-Si-29
 Cross Section -100.0 To 277.1 %



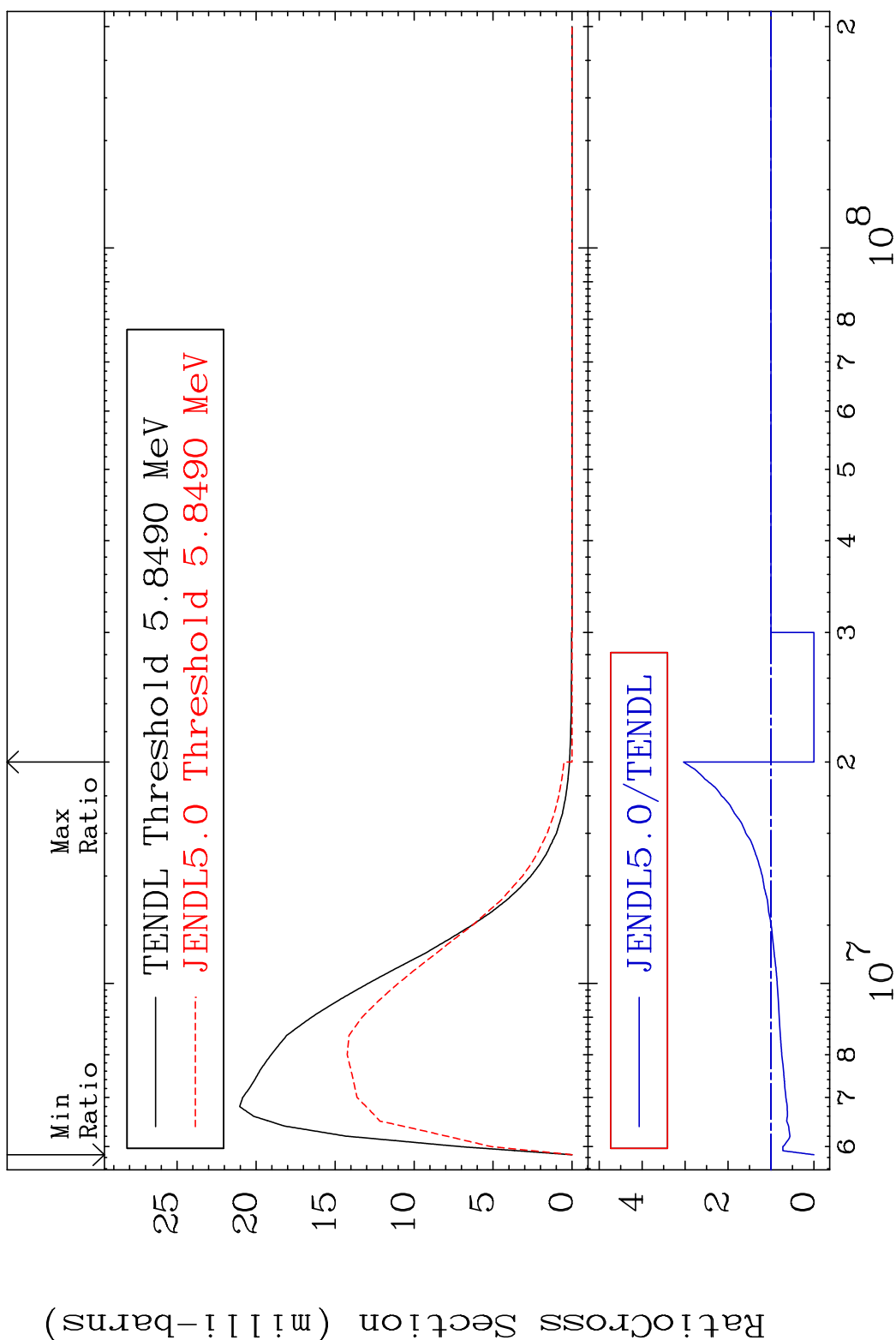
18 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 62 (n, n') Level 14-Si-29
 Cross Section -100.0 To 310.7 %



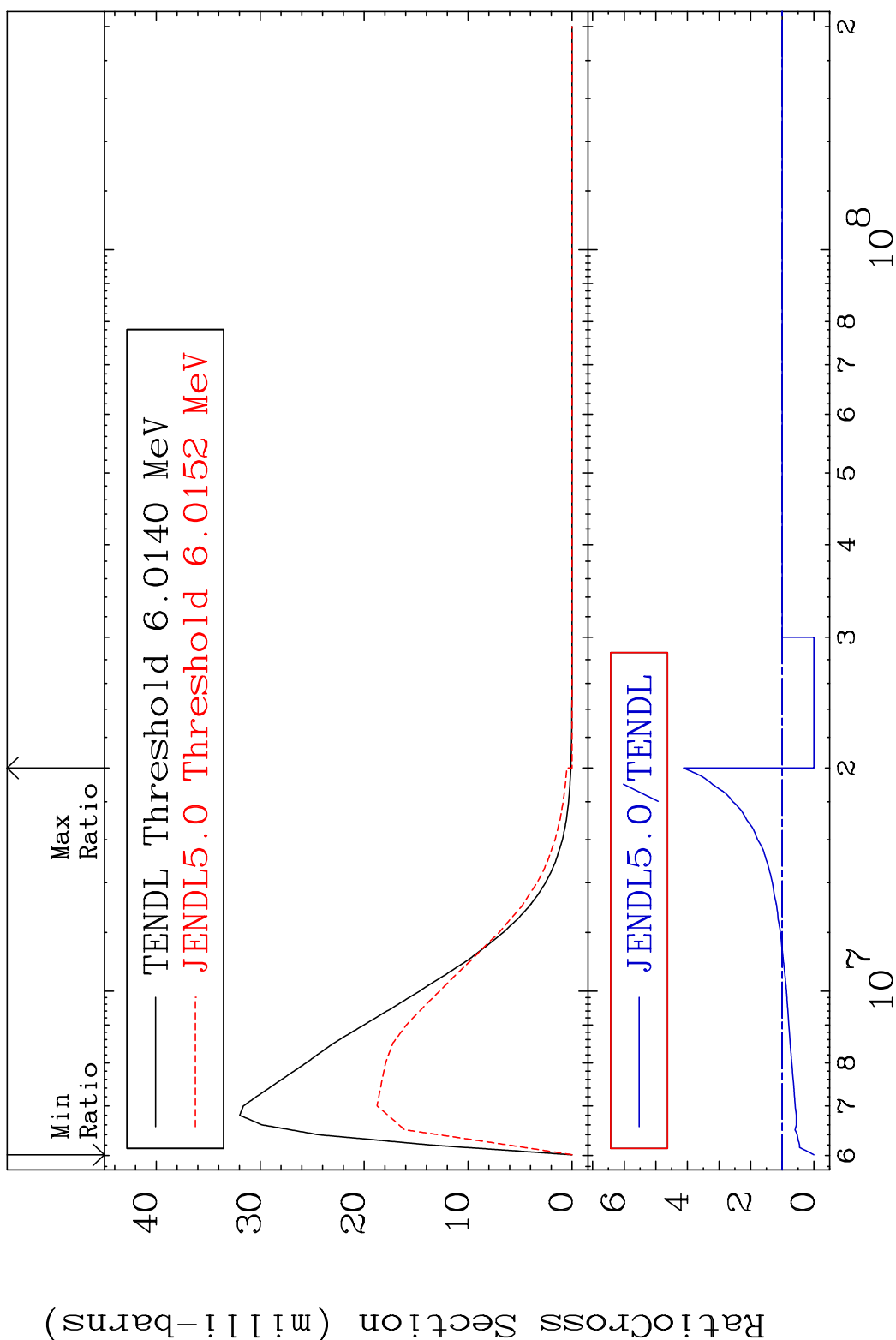
19 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 63 (n, n') Level 14-Si-29
 Cross Section -100.0 To 203.6 %

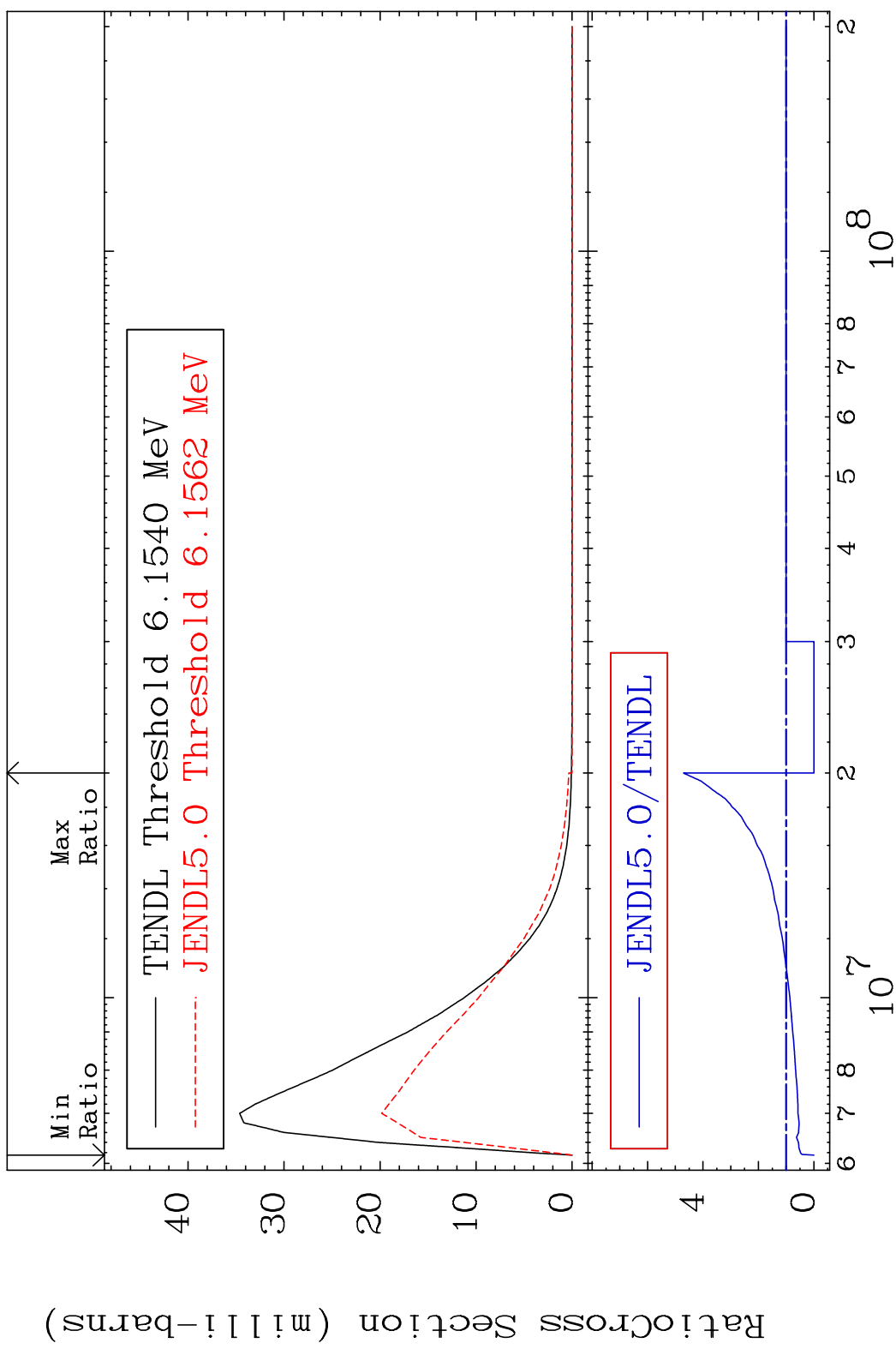


20 Incident Energy (eV) 14-Si-29

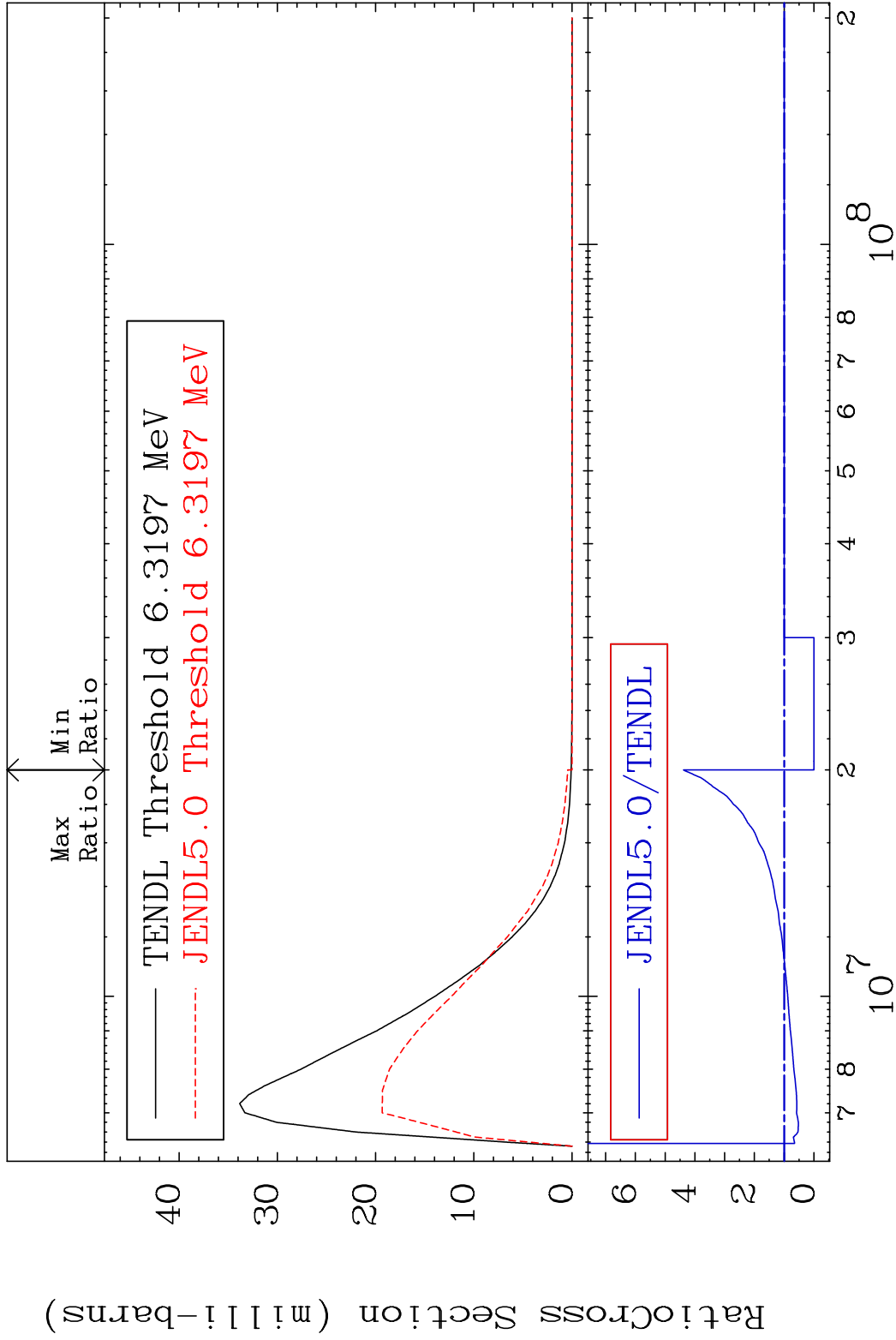
MAT 1428 MT= 64 (n, n') Level 14-Si-29
 Cross Section -100.0 To 312.6 %



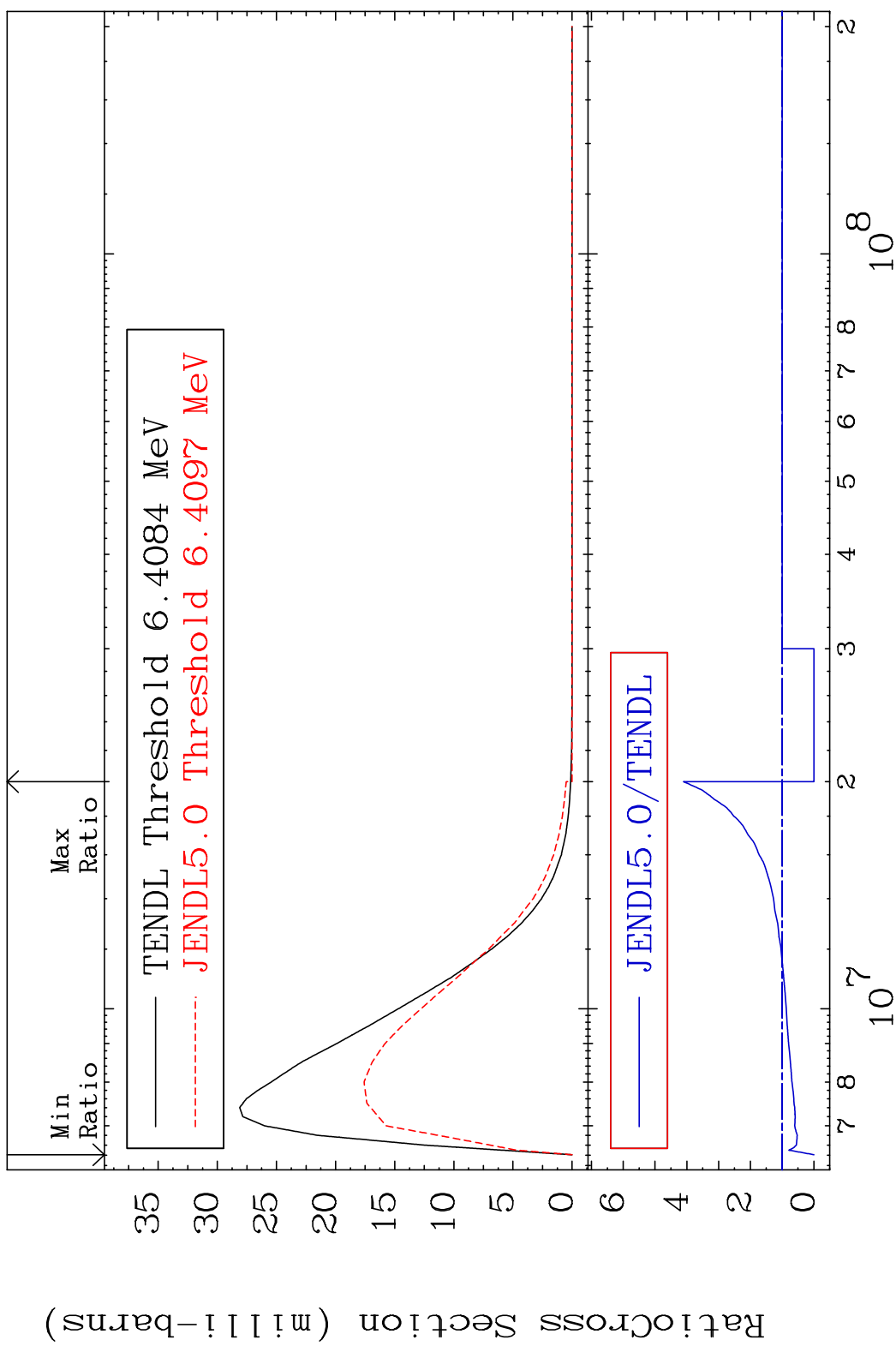
MAT 1428 MT= 65 (n, n') Level 14-Si-29
 Cross Section -100.0 To 370.5 %



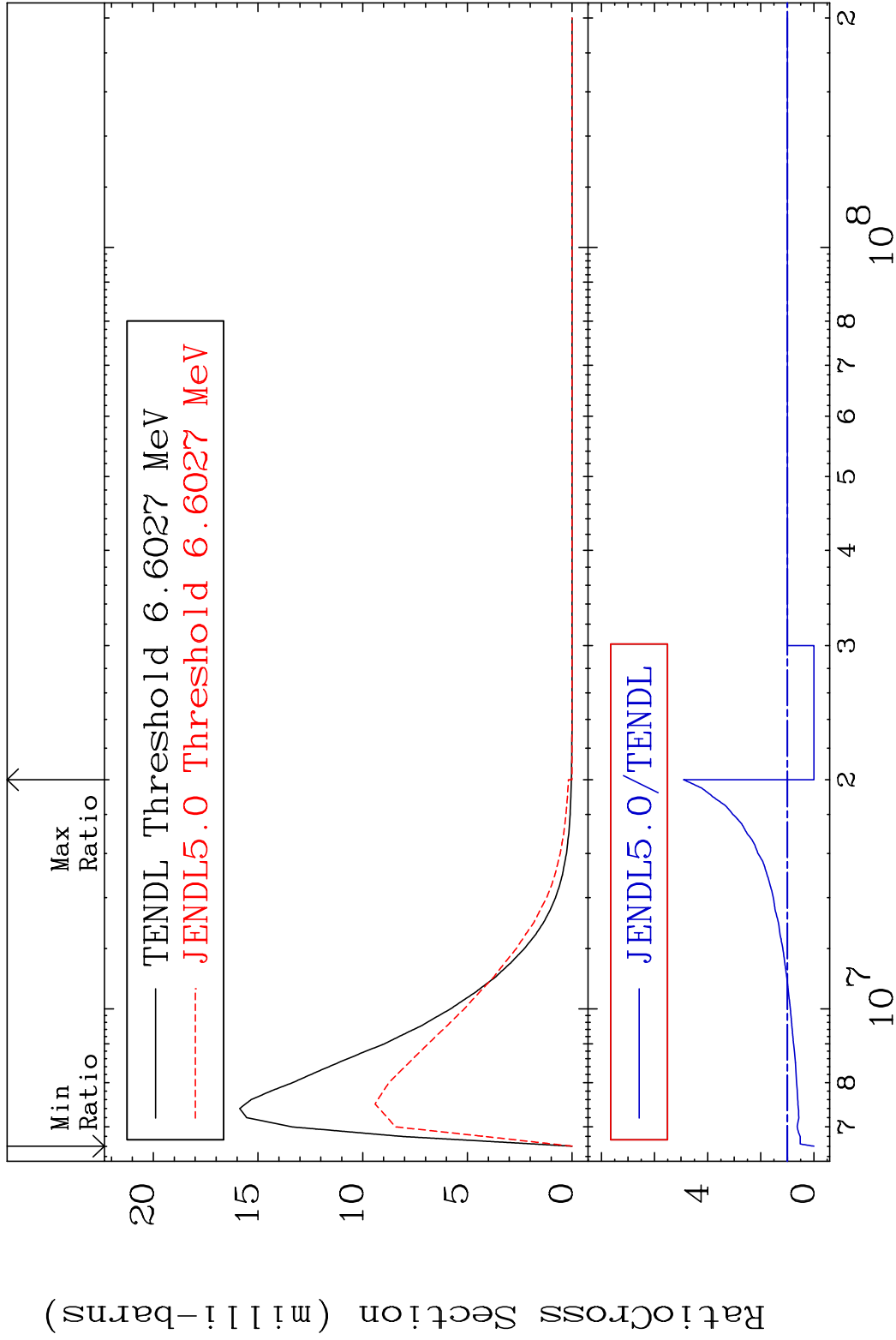
MAT 1428 MT= 66 (n, n') Level 14-Si-29
 Cross Section -100.0 To 338.4 %



MAT 1428 MT= 67 (n, n') Level 14-Si-29
 Cross Section -100.0 To 310.6 %

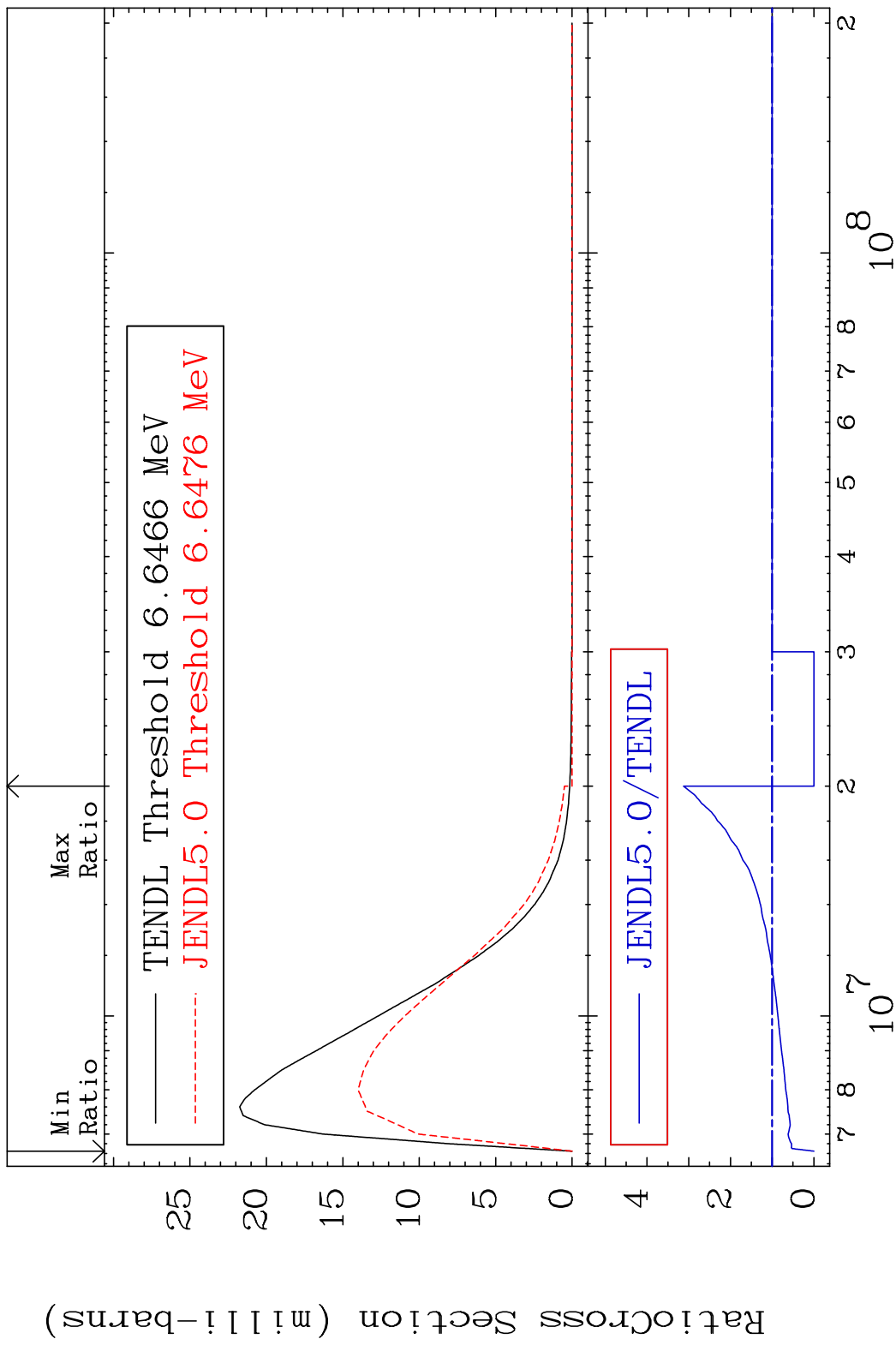


MAT 1428 MT= 68 (n, n') Level 14-Si-29
 Cross Section -100.0 To 391.1 %



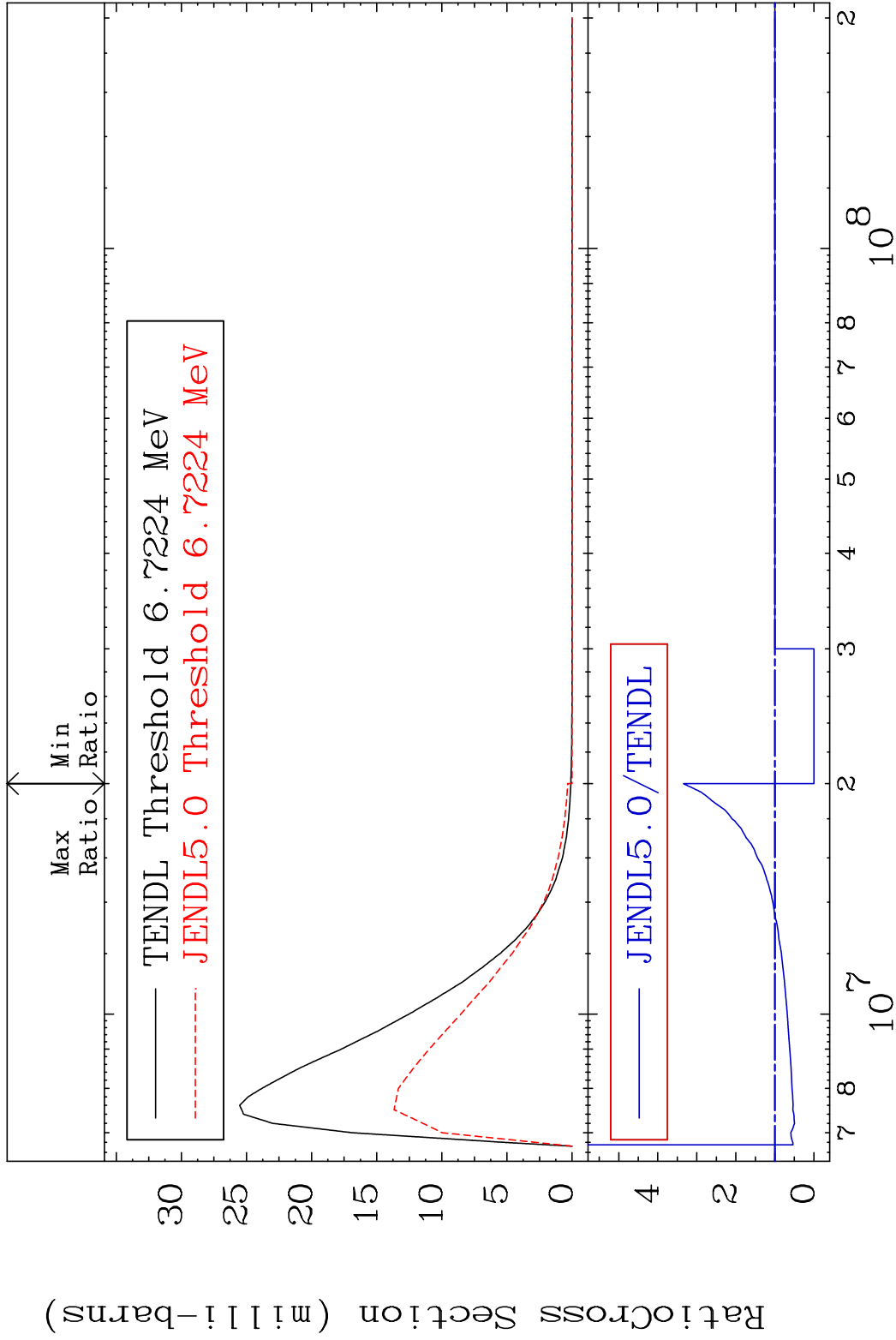
25 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 69 (n, n') Level 14-Si-29
 Cross Section -100.0 To 212.7 %



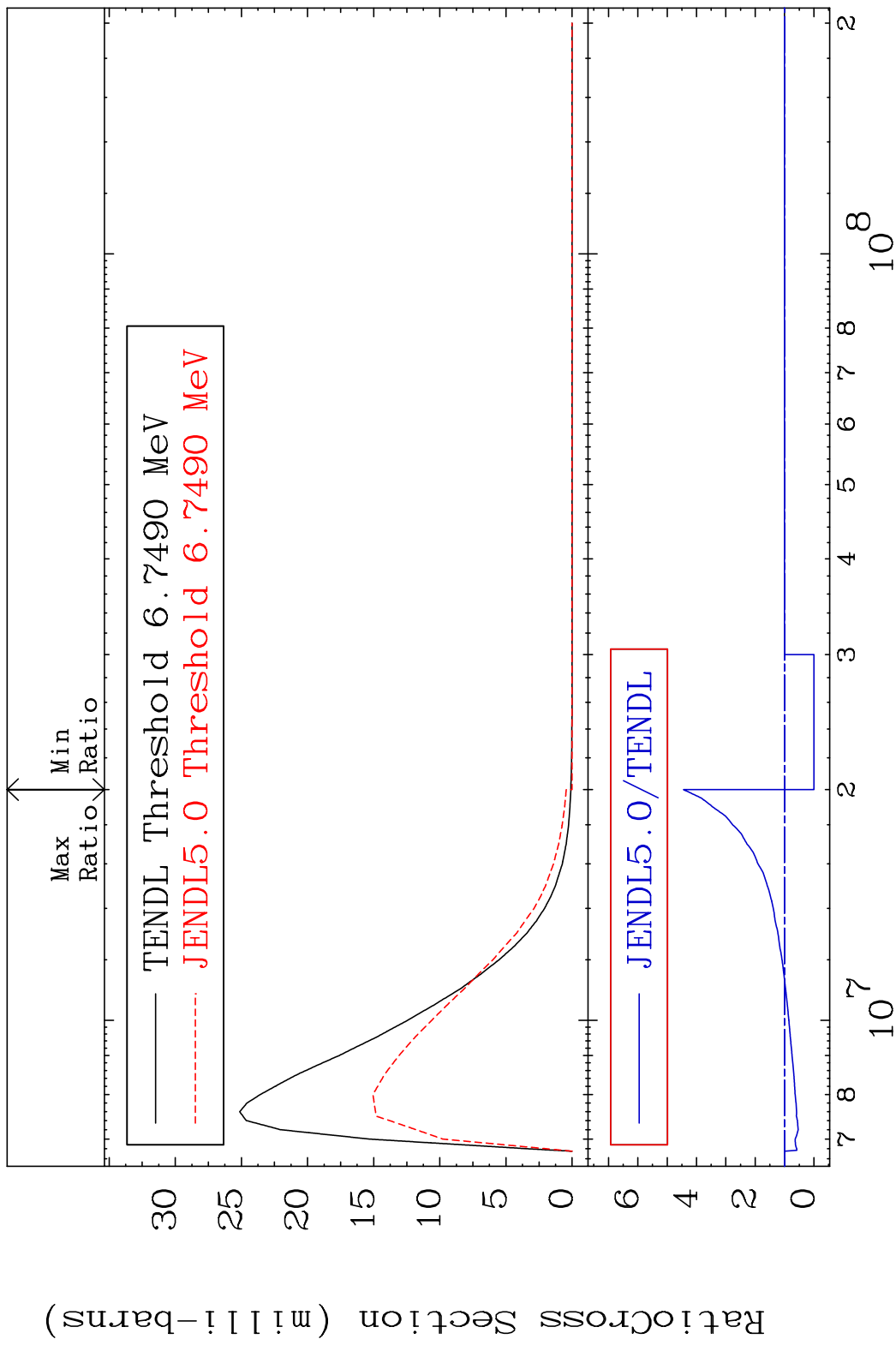
26 14-Si-29

MAT 1428 MT= 70 (n, n') Level 14-Si-29
 Cross Section -100.0 To 234.2 %



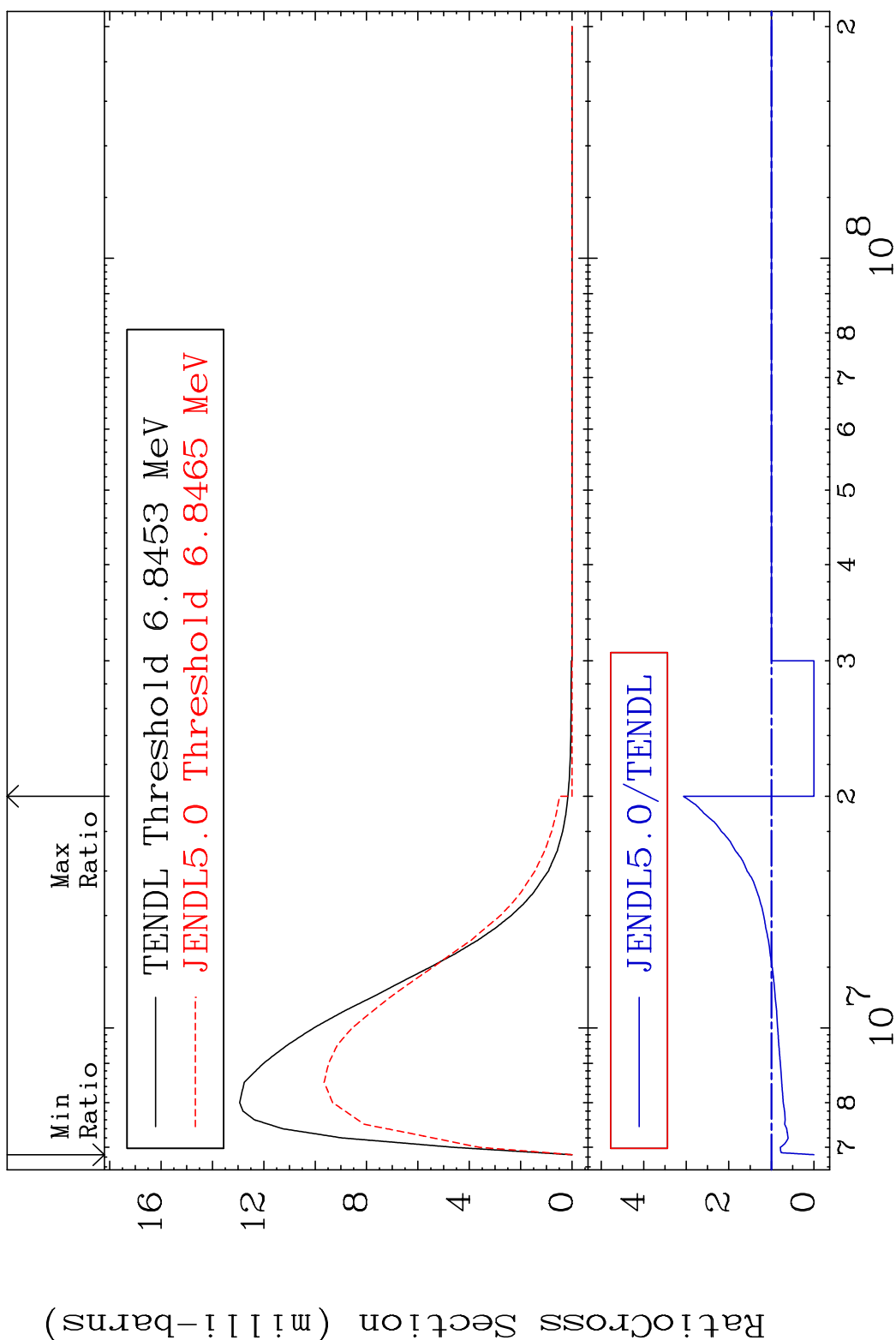
27 14-Si-29

MAT 1428 MT= 71 (n, n') Level 14-Si-29
 Cross Section -100.0 To 344.5 %



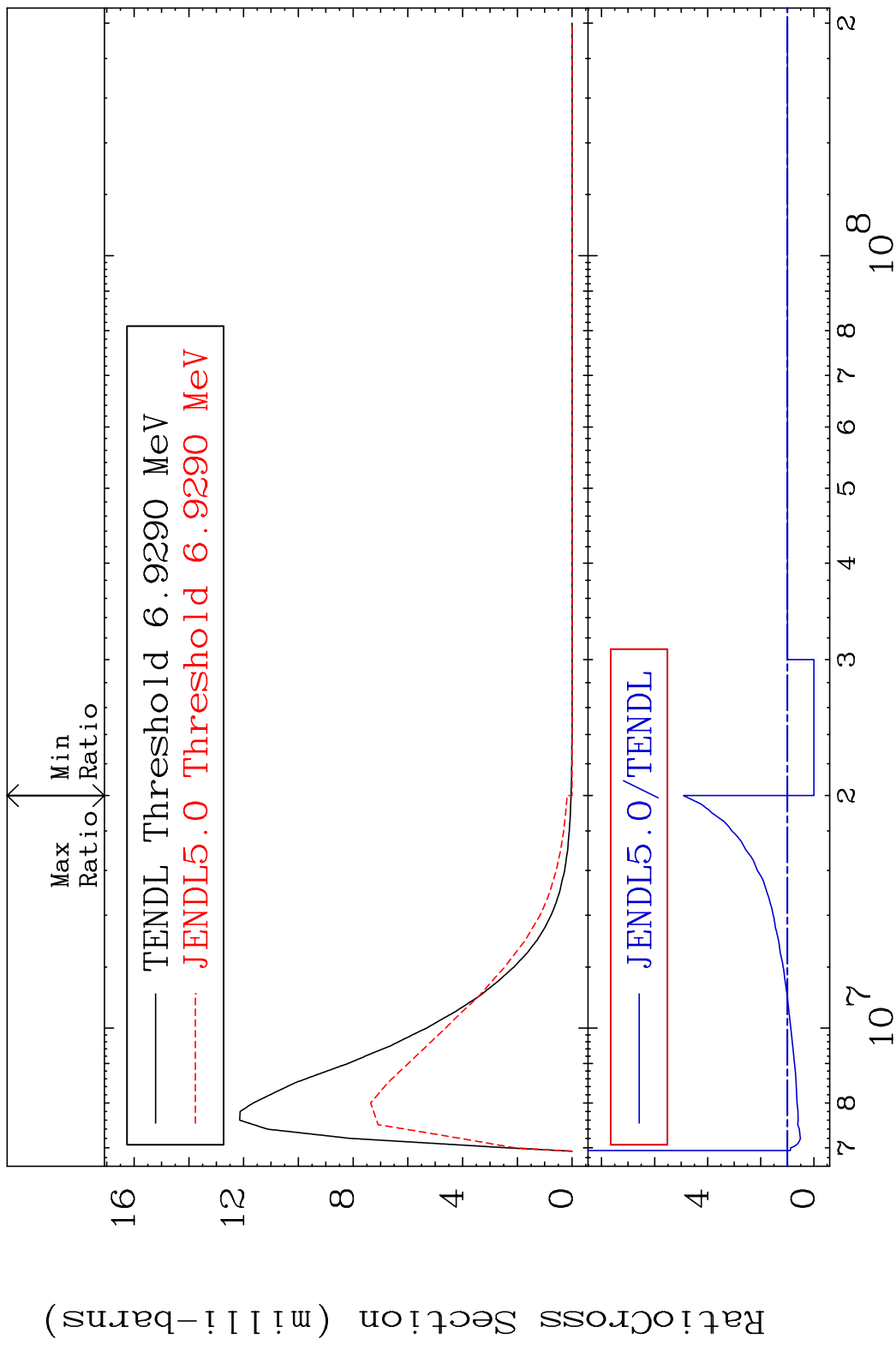
28 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 72 (n, n') Level 14-Si-29
 Cross Section -100.0 To 206.7 %



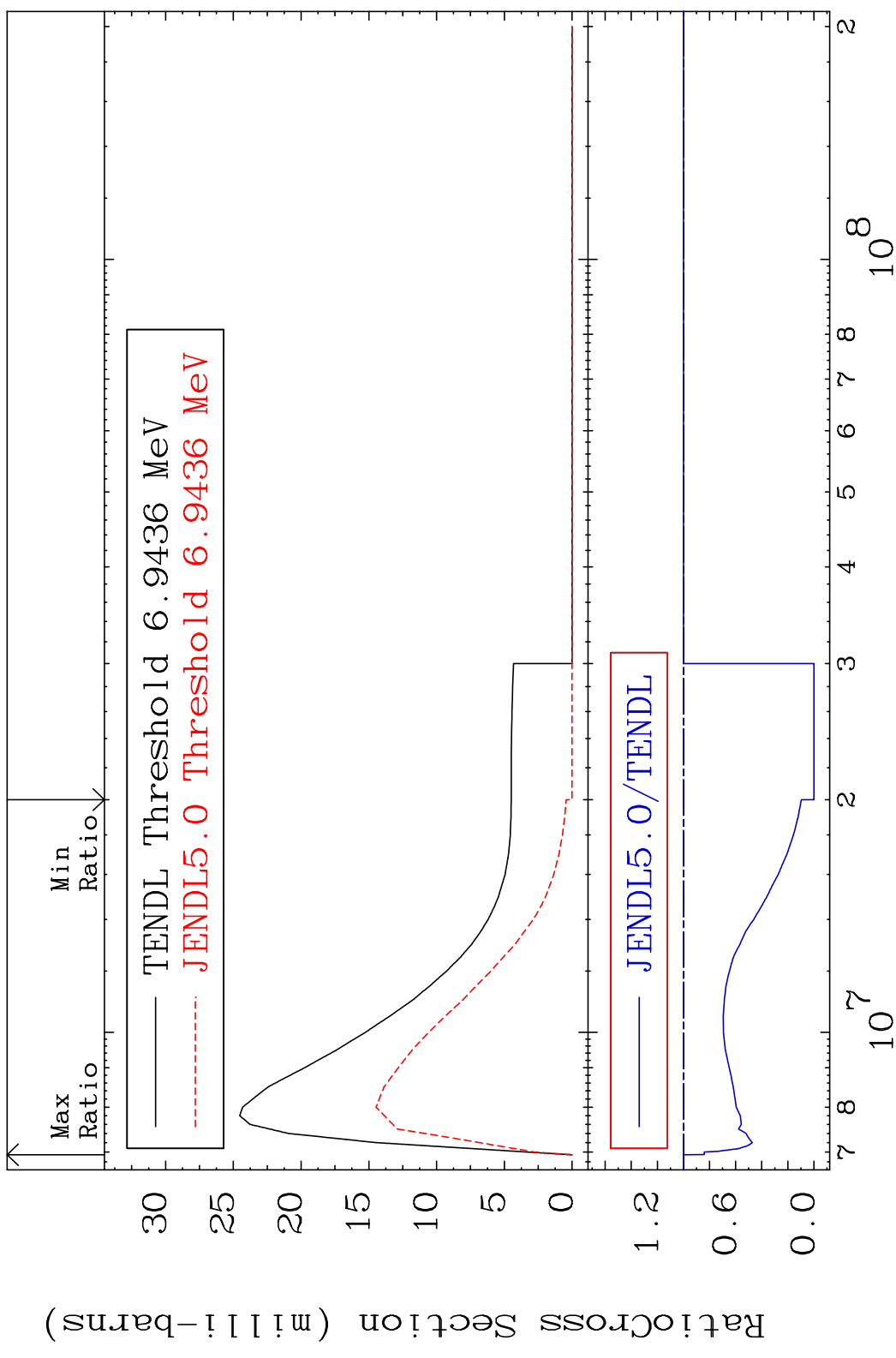
29 Incident Energy (eV) 14-Si-29

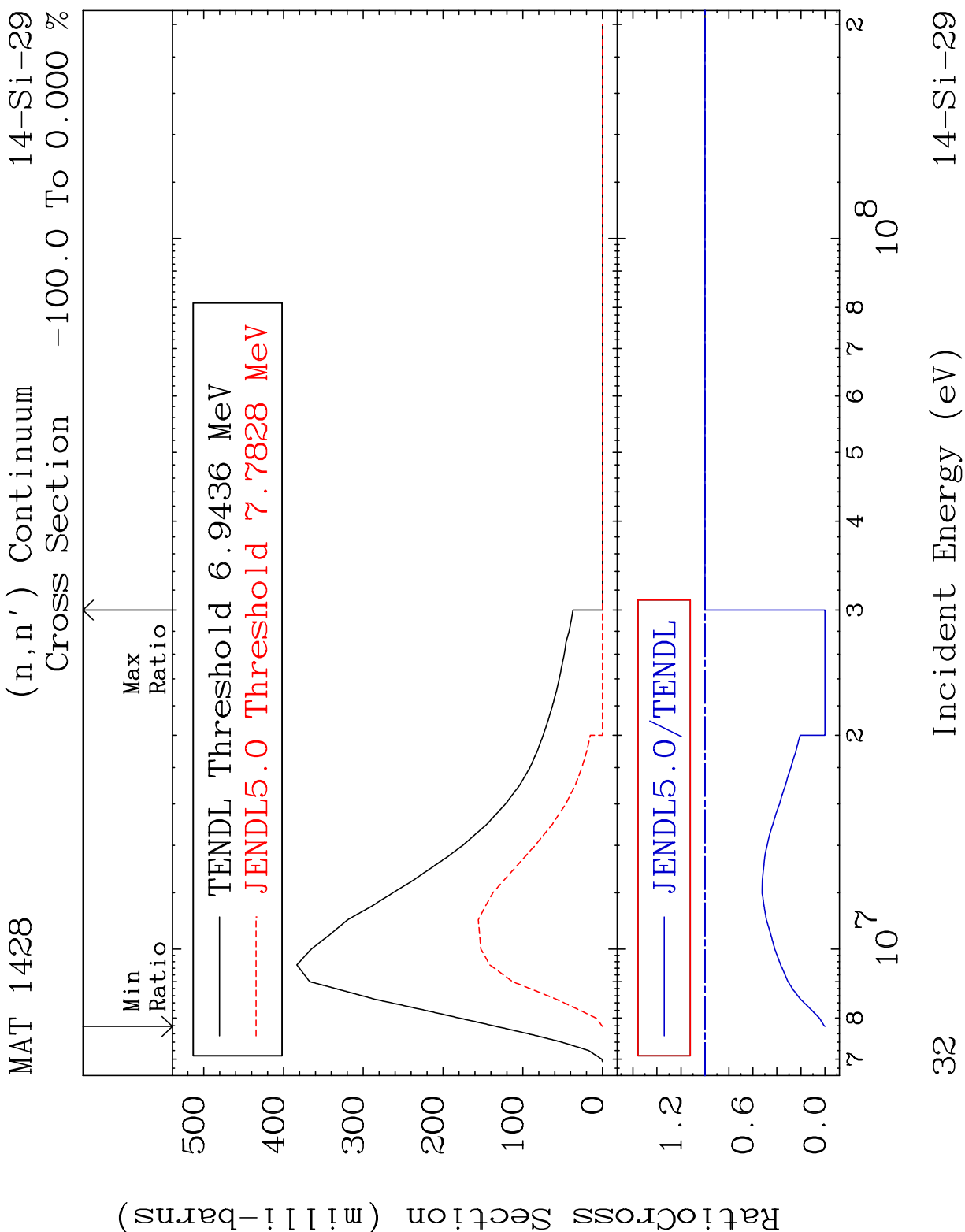
MAT 1428 MT= 73 (n, n') Level 14-Si-29
 Cross Section -100.0 To 391.3 %

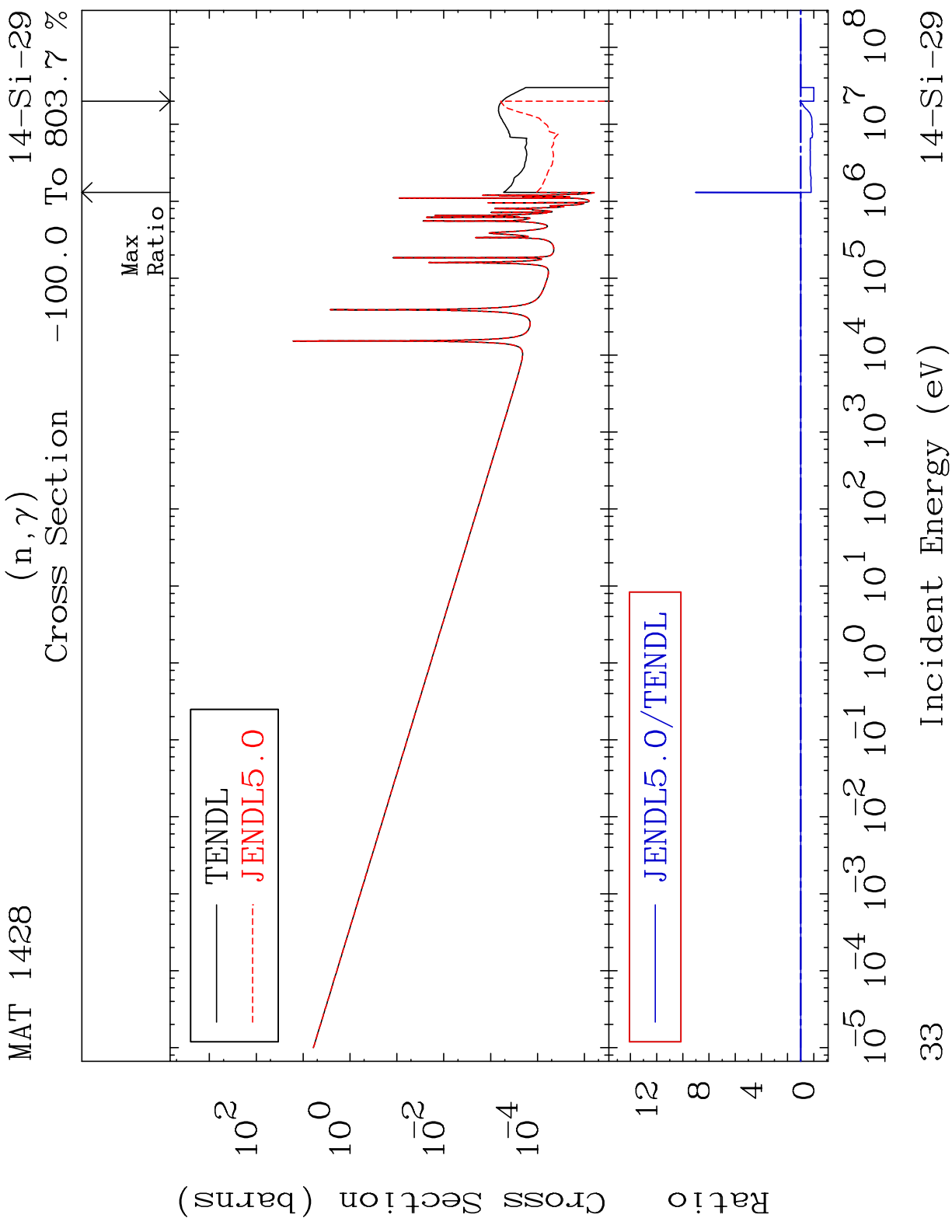


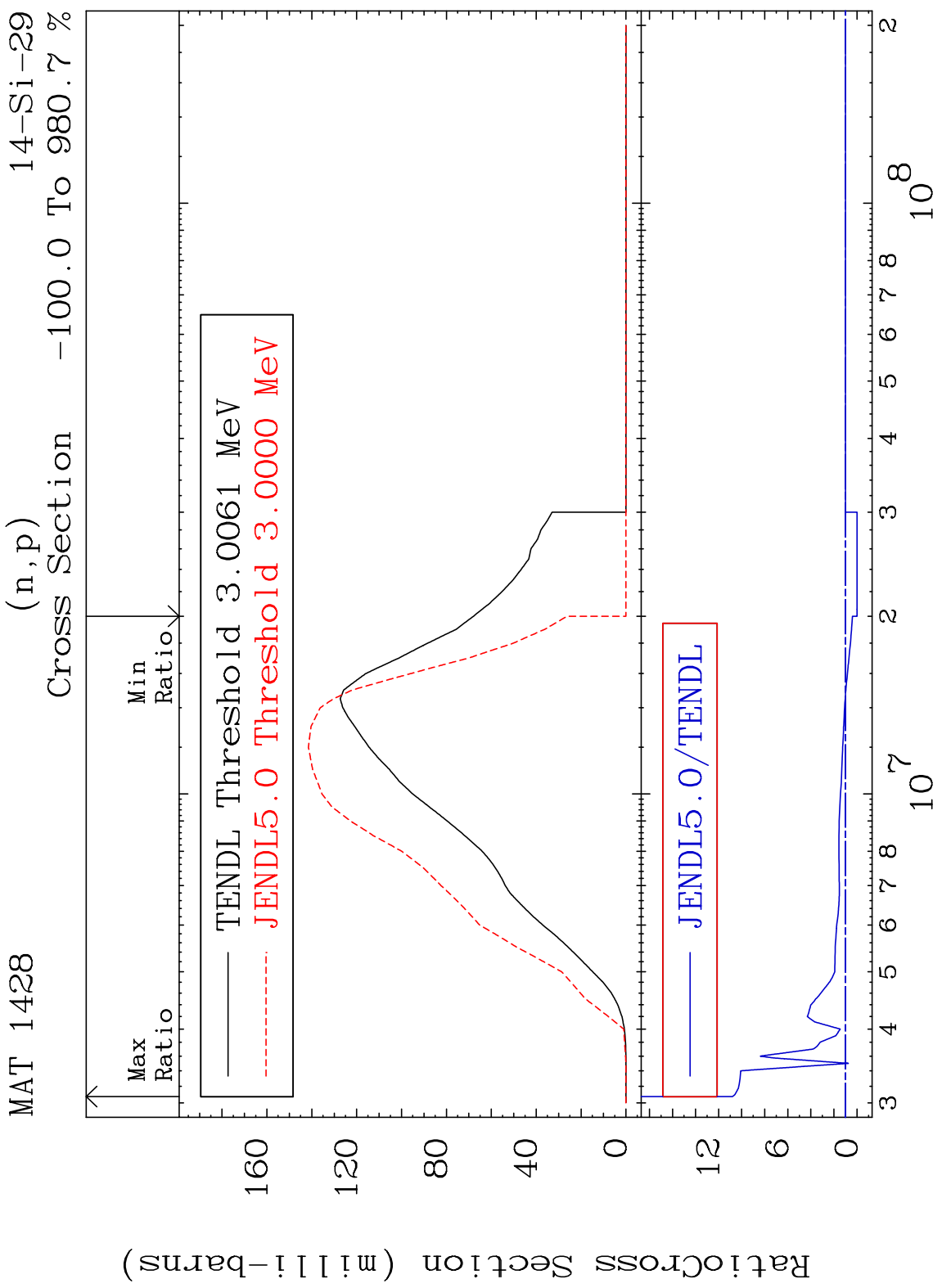
30 Incident Energy (eV) 14-Si-29

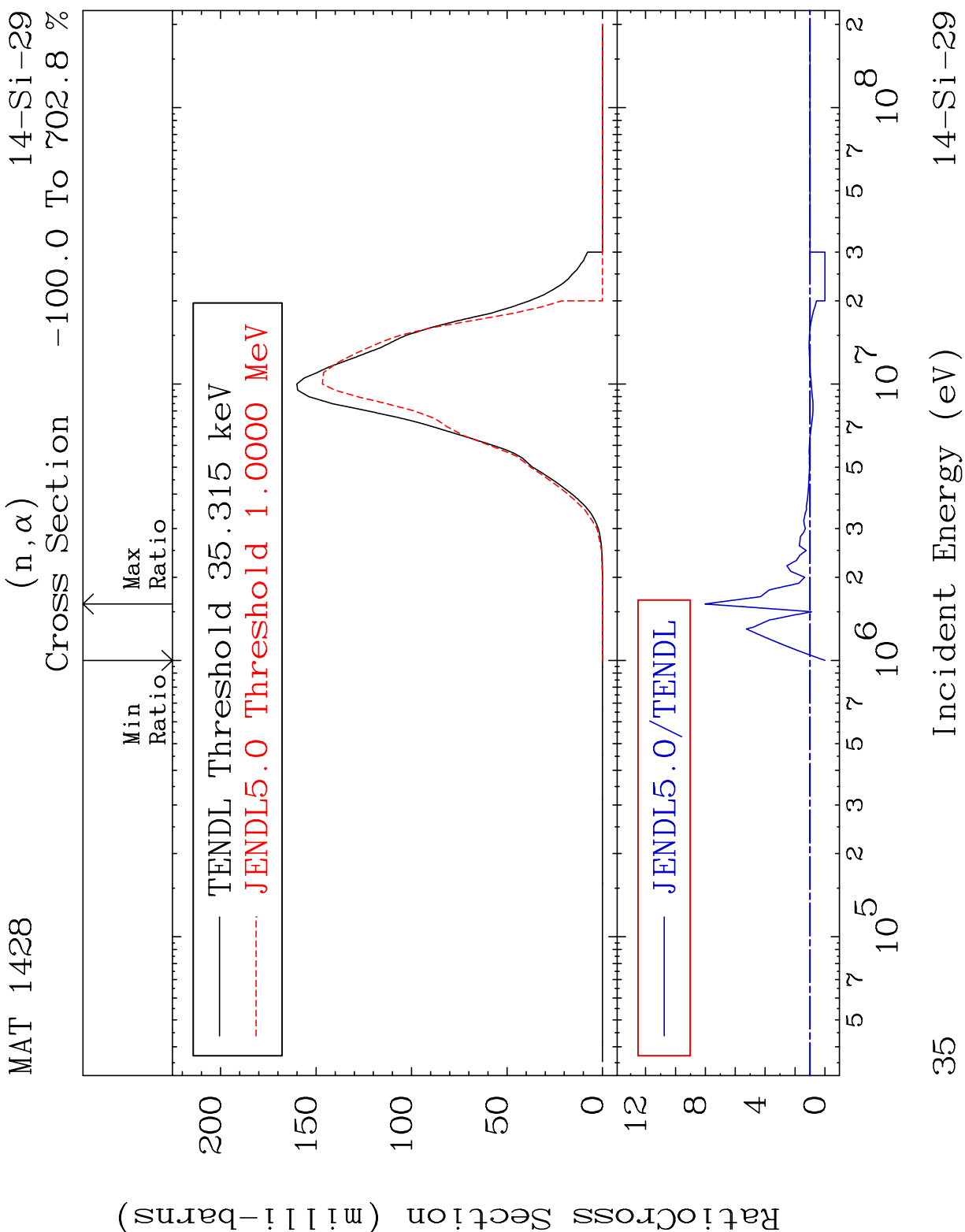
MAT 1428 MT= 74 (n, n') Level 14-Si-29
 Cross Section -100.0 To 0.000 %









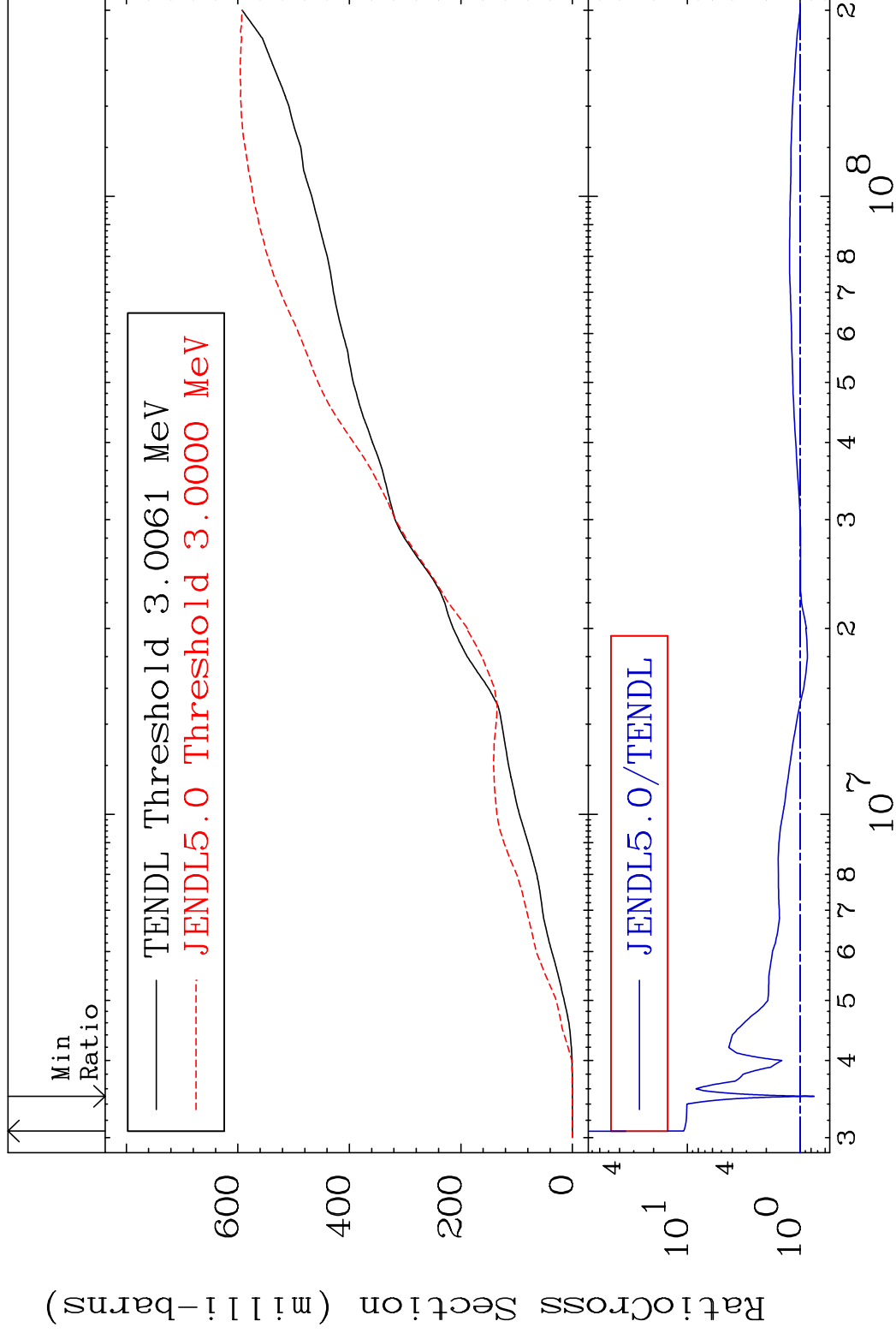


MAT 1428

Hydrogen Production

14-Si-29

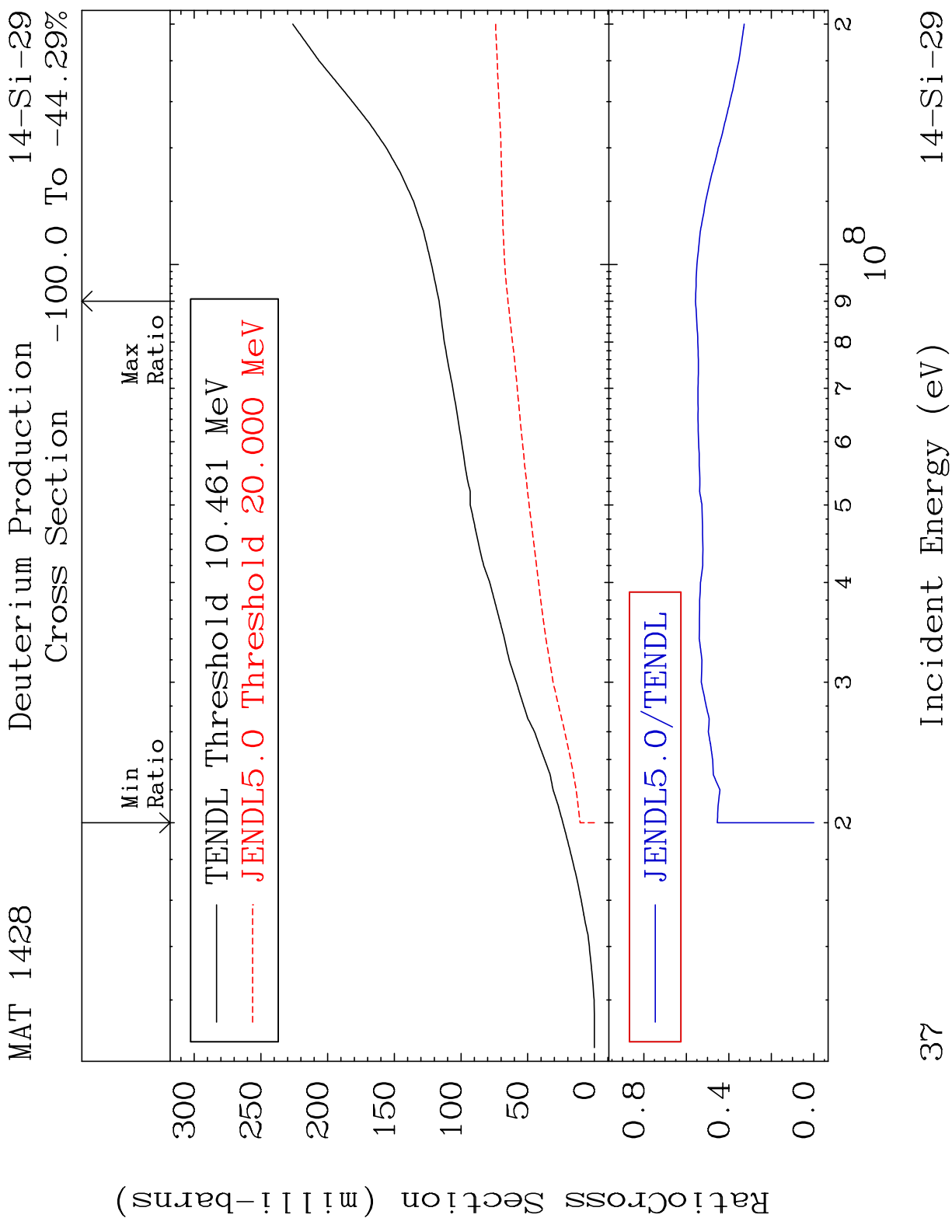
Cross Section -24.62 To 980.7 %

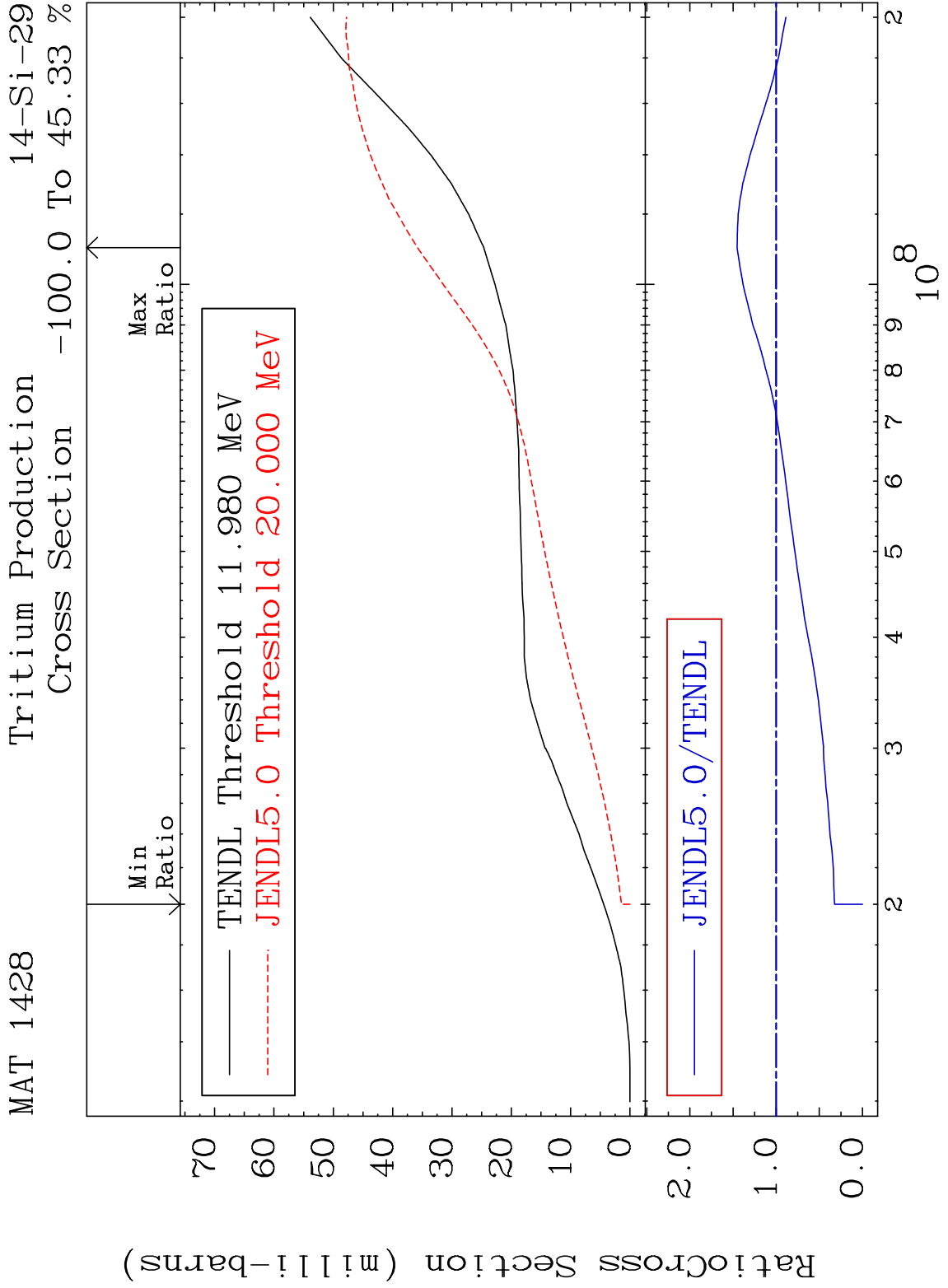


36

Incident Energy (eV)

14-Si-29



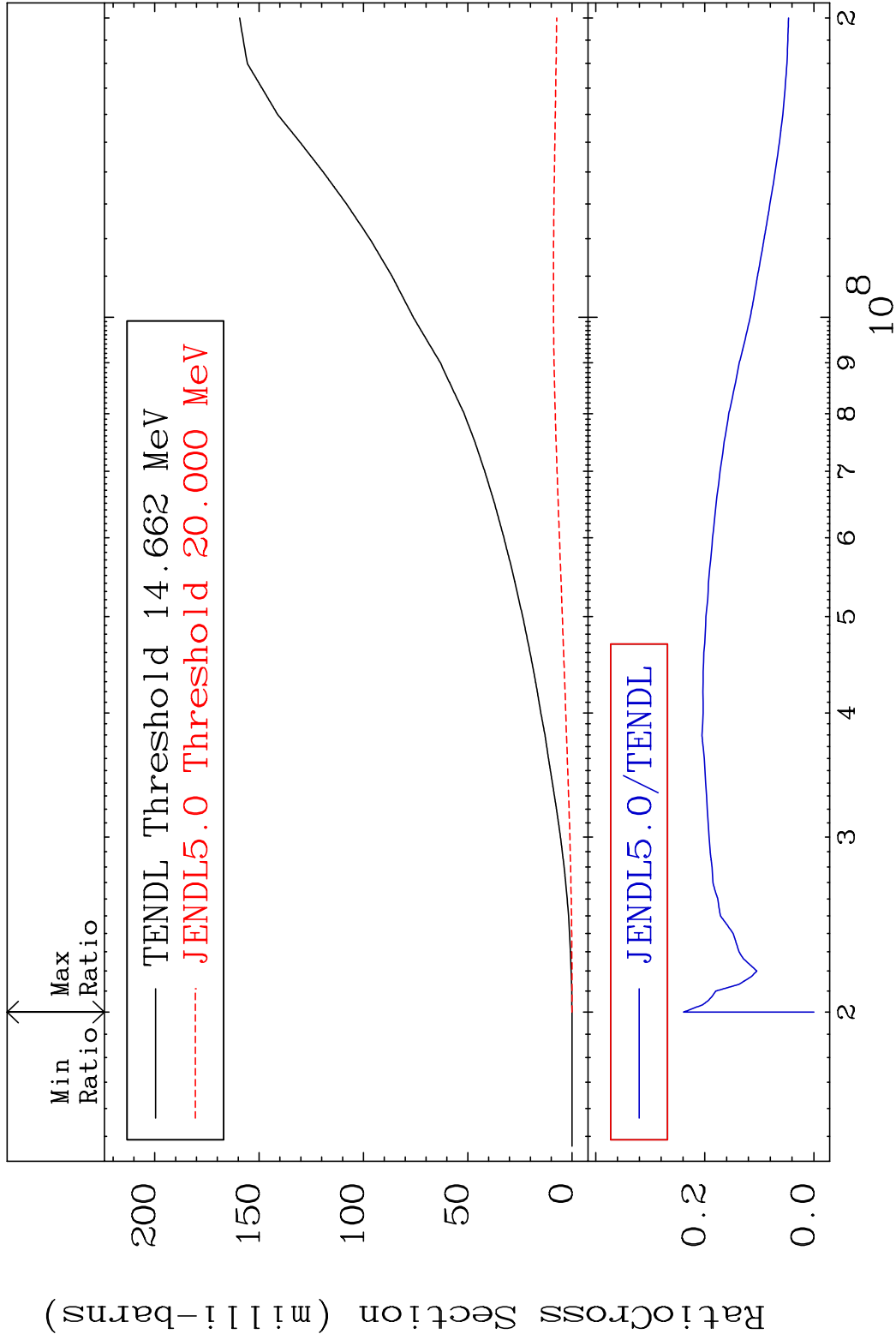


MAT 1428

He-3 Production

14-Si-29

Cross Section -100.0 To -76.09%

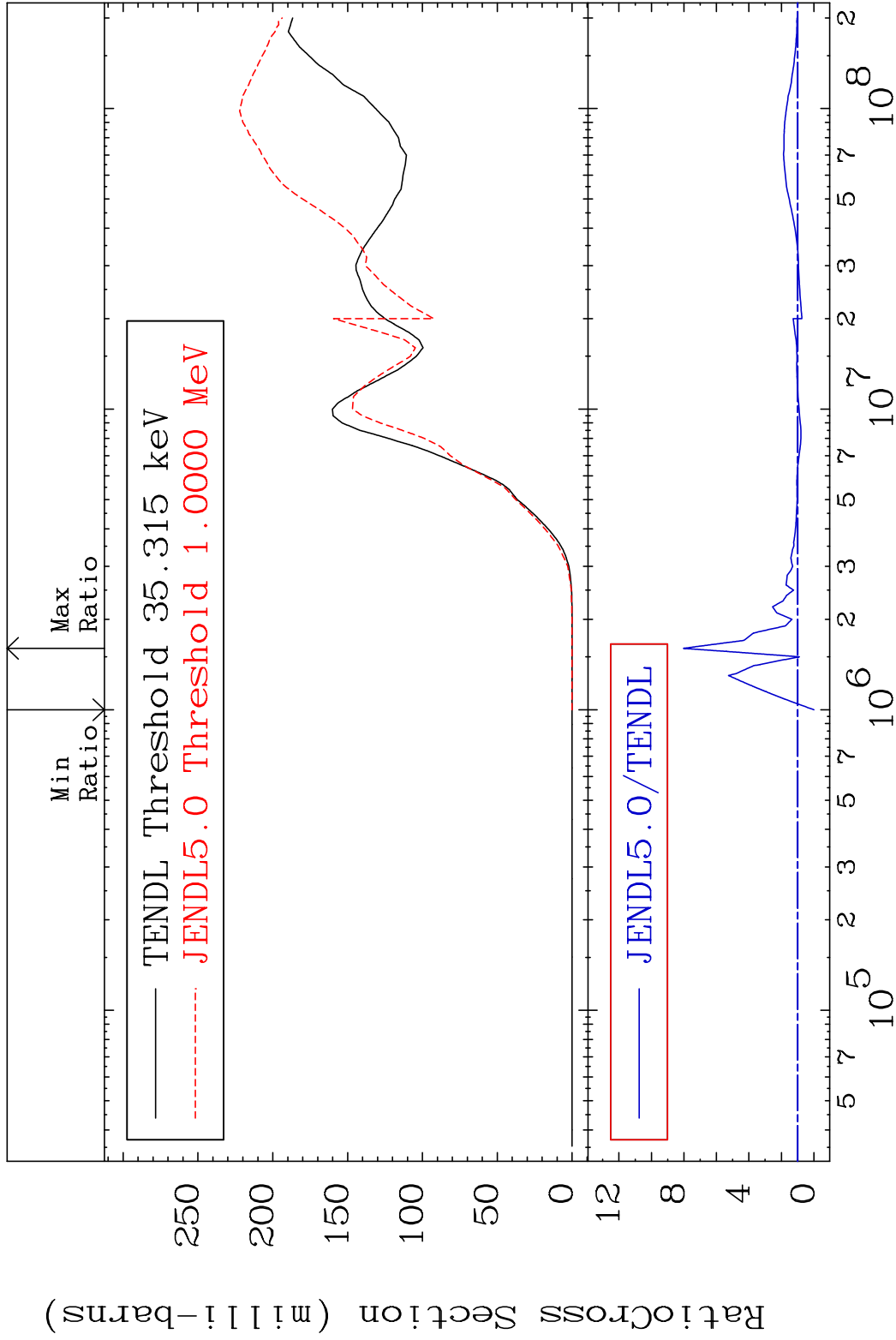


39

Incident Energy (eV)

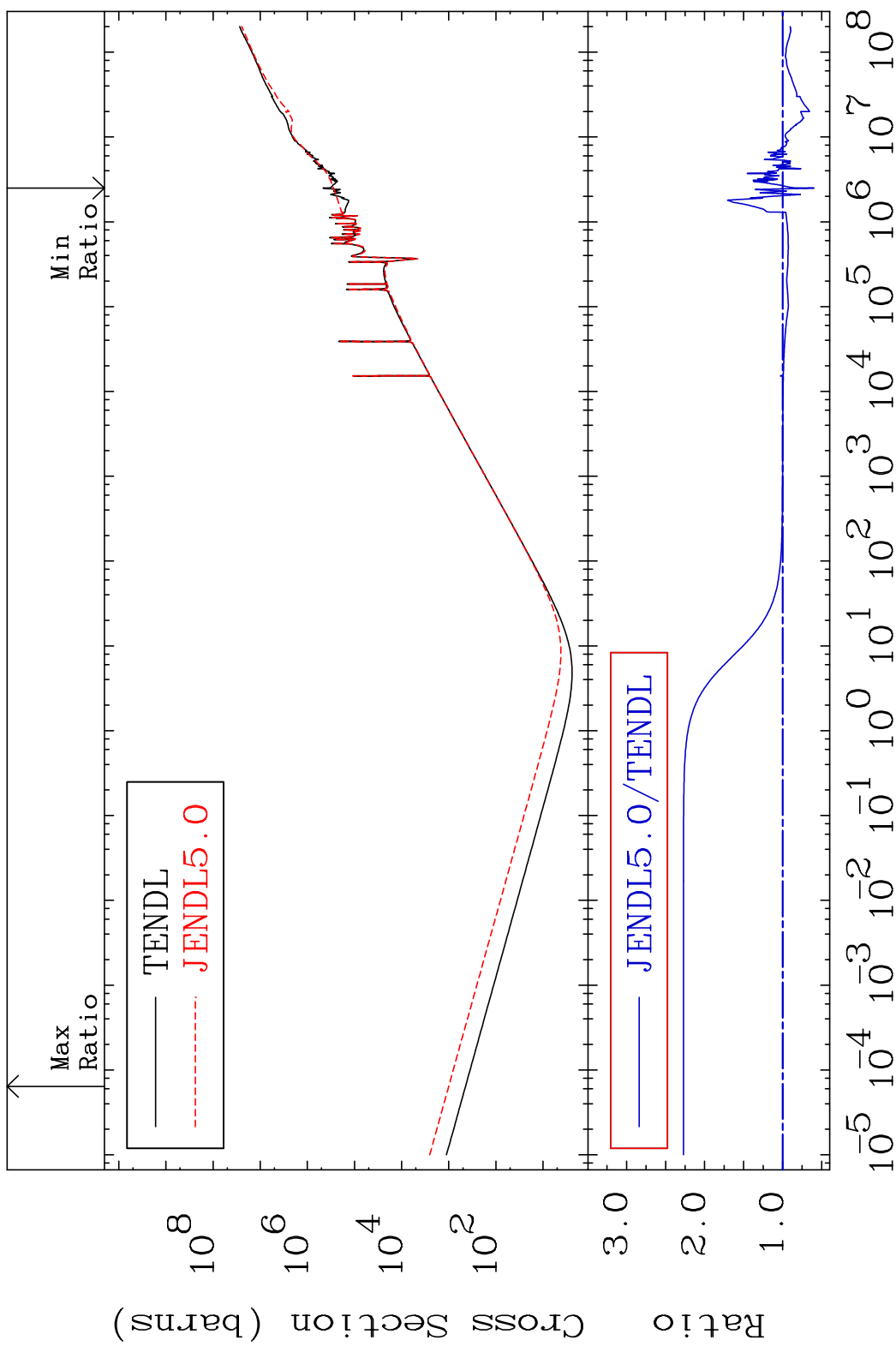
14-Si-29

MAT 1428 He-4 Production 14-Si-29
 Cross Section -100.0 To 702.8 %



40 14-Si-29

MAT 1428 Kerma total (eV-barns) 14-Si-29
 Cross Section -40.06 To 127.1 %

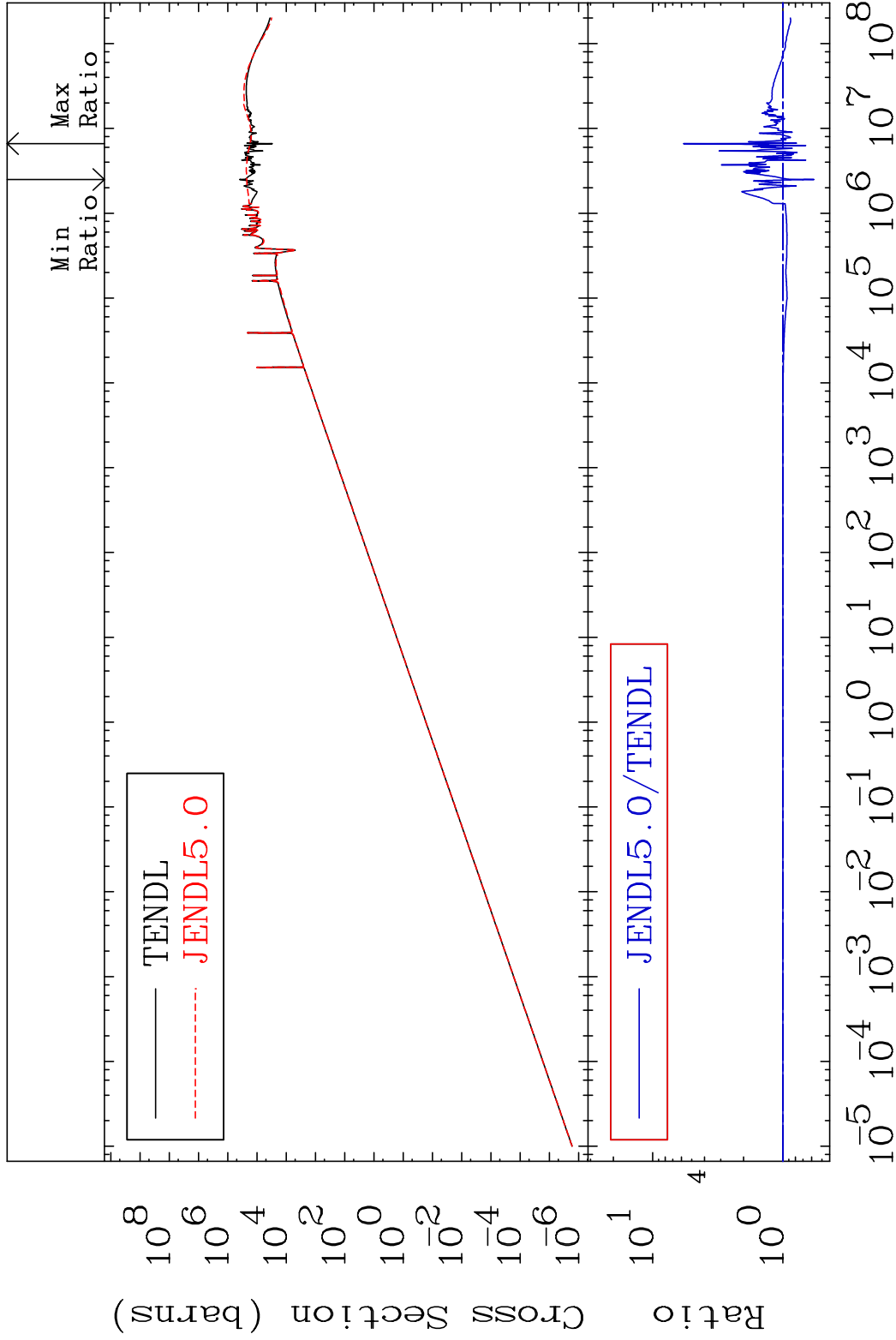


41 Incident Energy (eV) 14-Si-29

MAT 1428

Kerma elastic
Cross Section

14-Si-29
-42.32 To 479.4 %

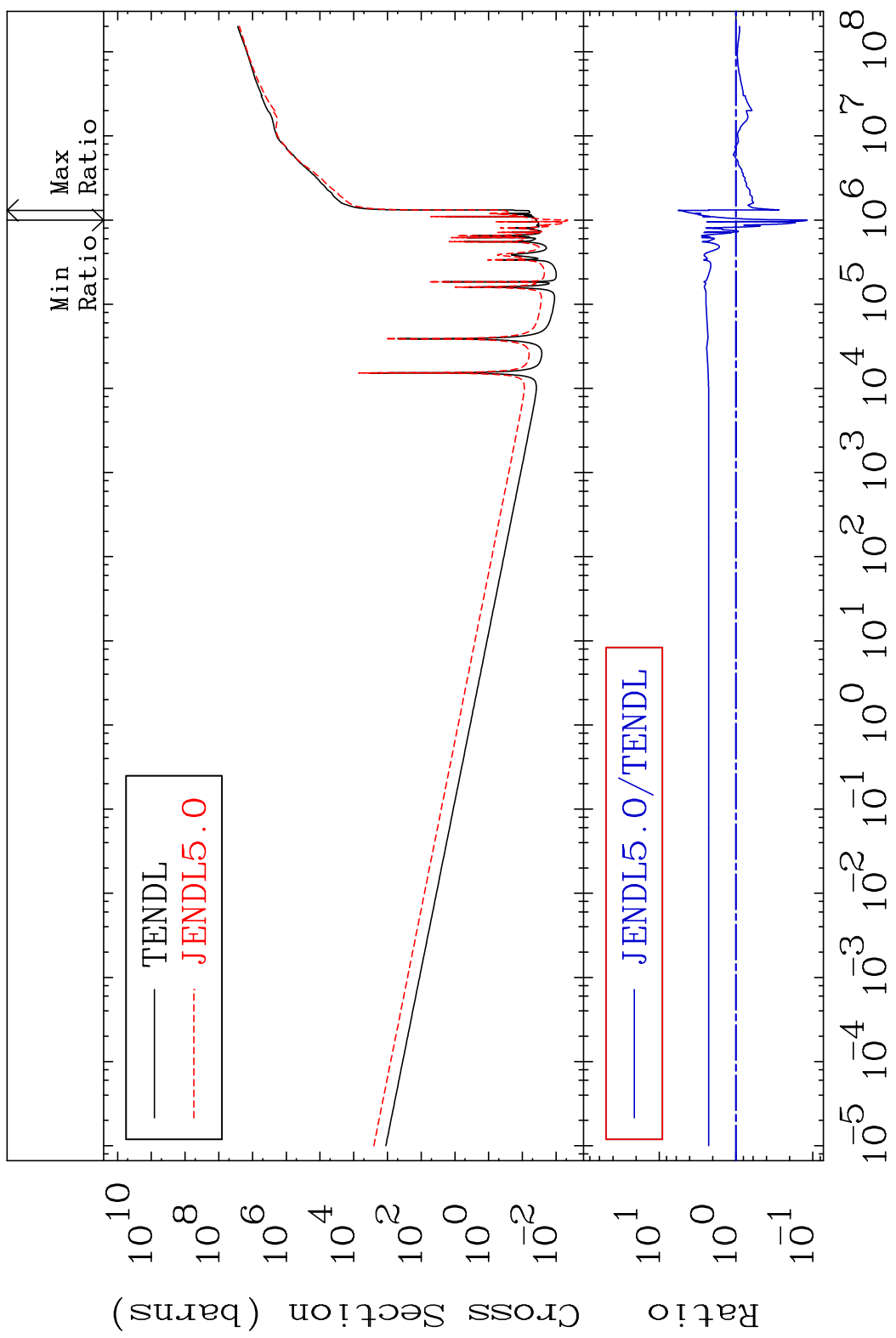


42

Incident Energy (eV)

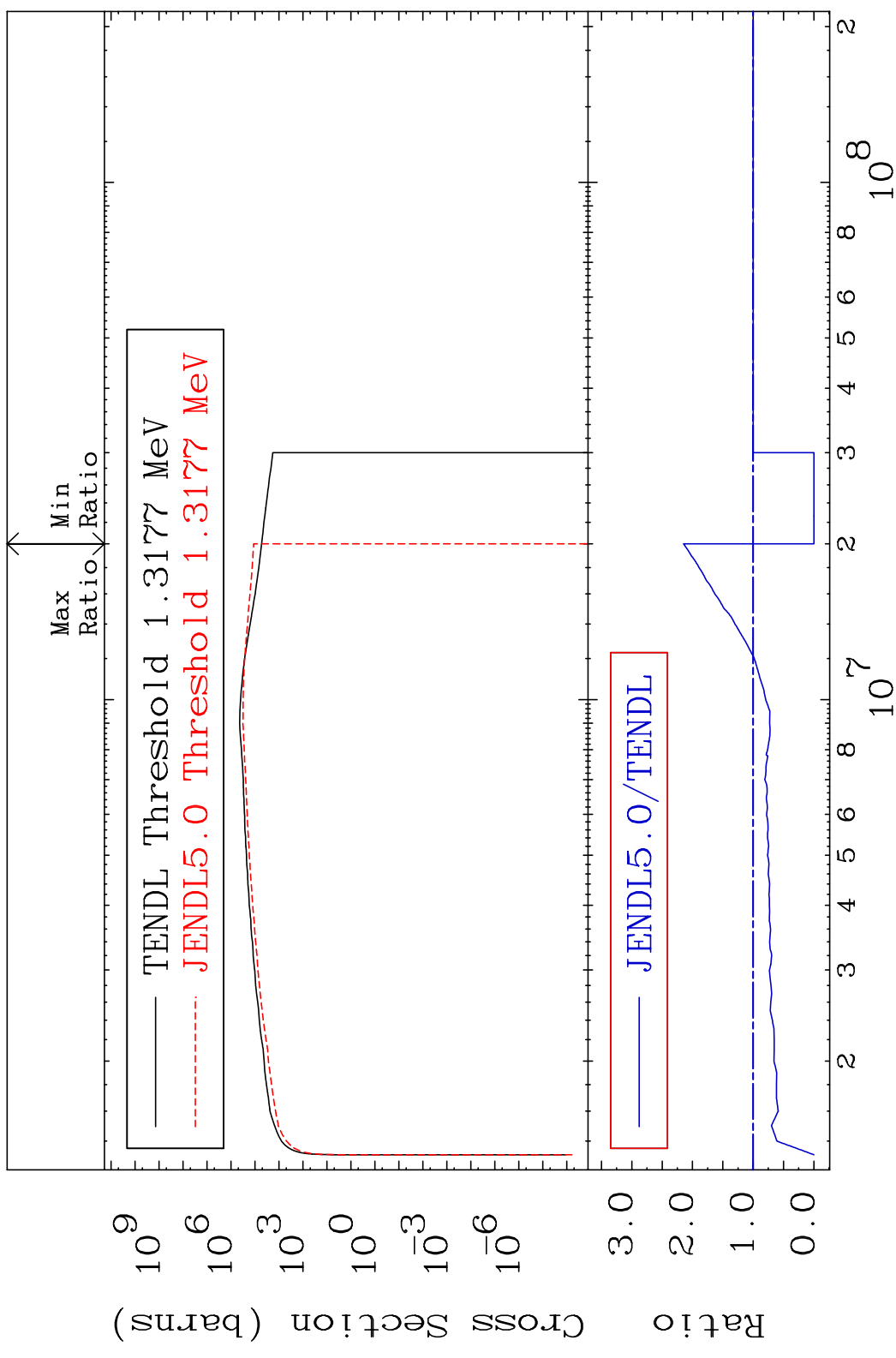
14-Si-29

MAT 1428 Kerma non-elastic (all but mt2) 14-Si-29
 Cross Section -88.36 To 464.1 %

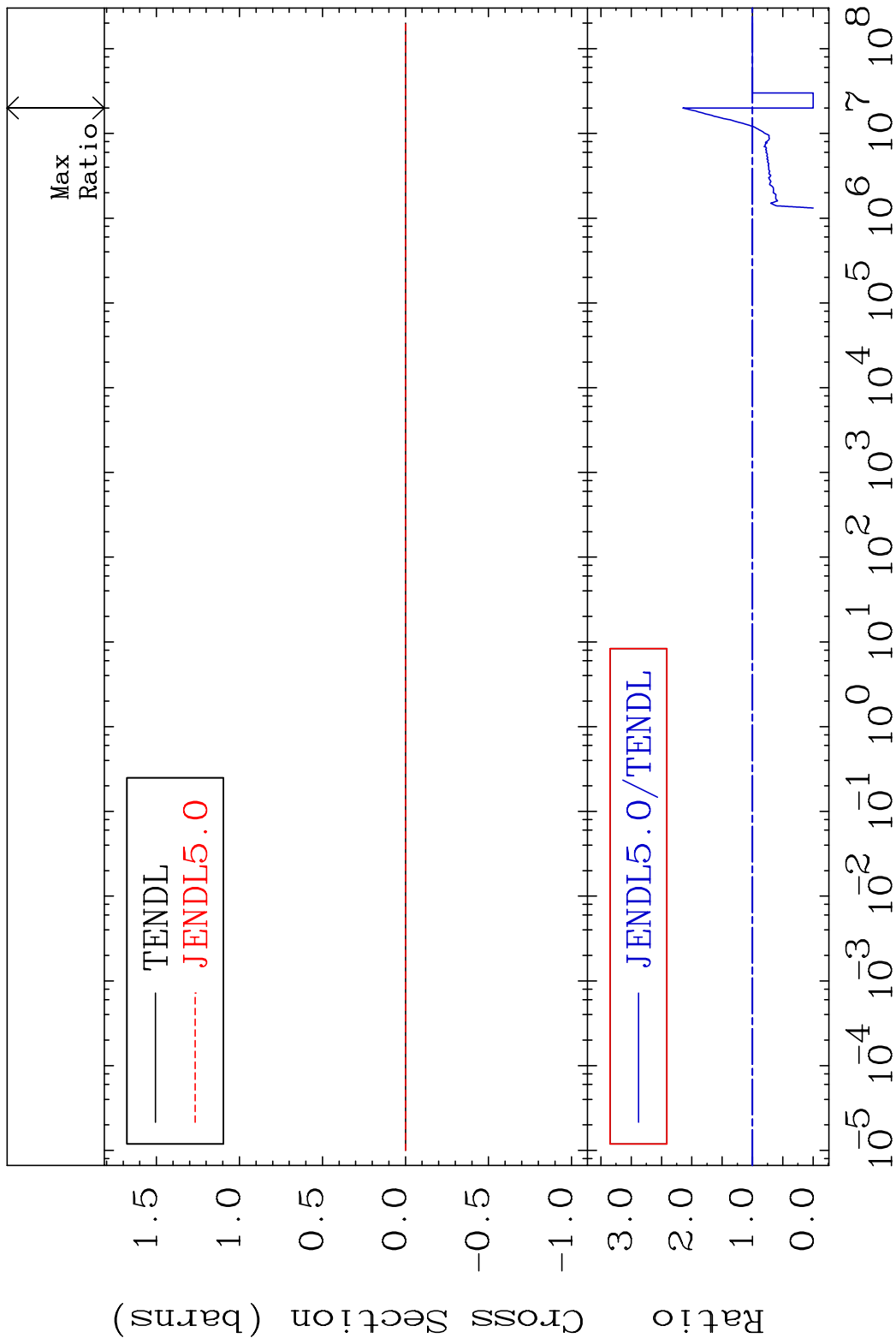


43 Incident Energy (eV) 14-Si-29

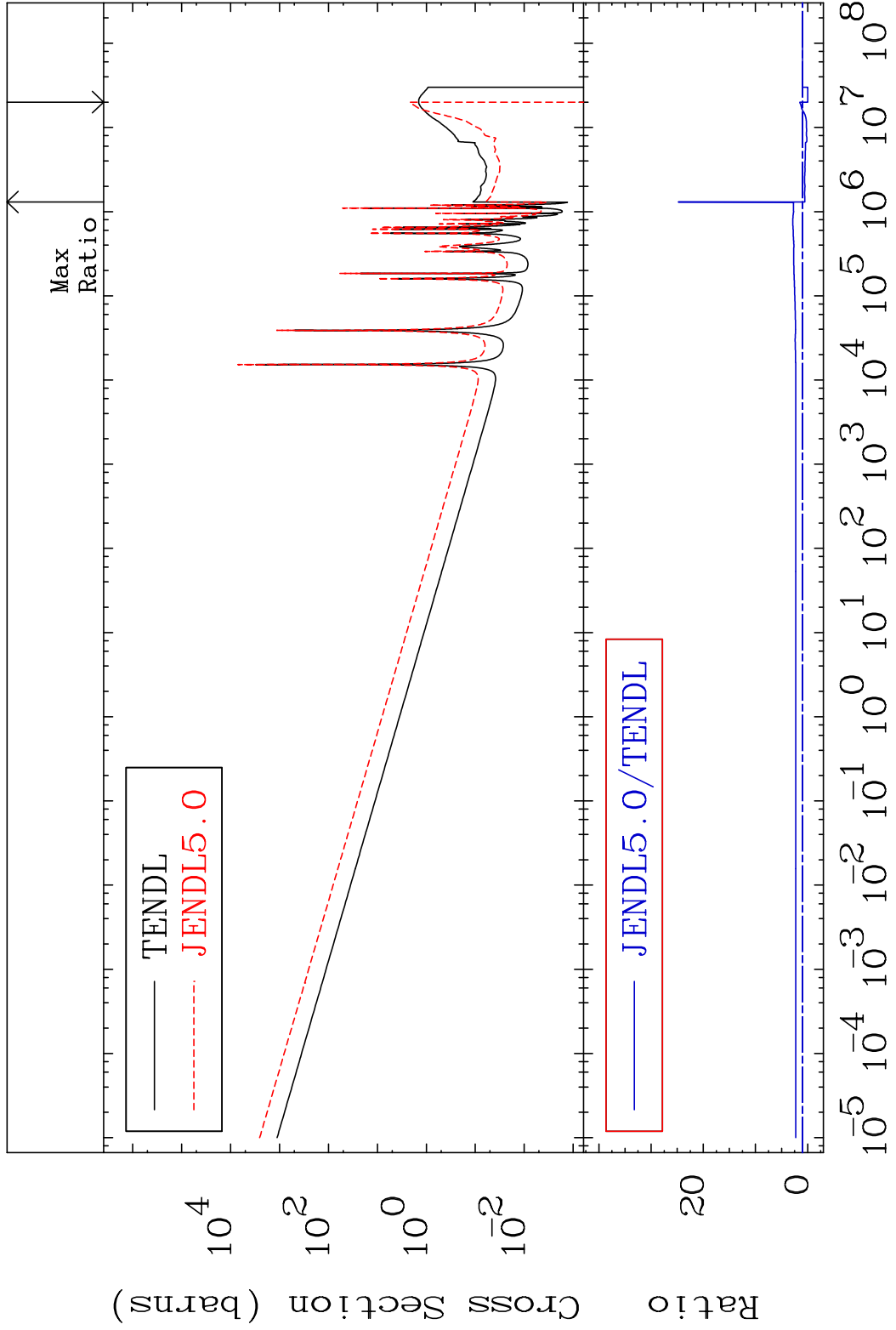
MAT 1428 Kerma inelastic (mt51-91) 14-Si-29
 Cross Section -100.0 To 114.9 %



MAT 1428 Kerma fission (mt18 or mt19-20-21-38) 14-Si-29
 Cross Section -100.0 To 114.9 %

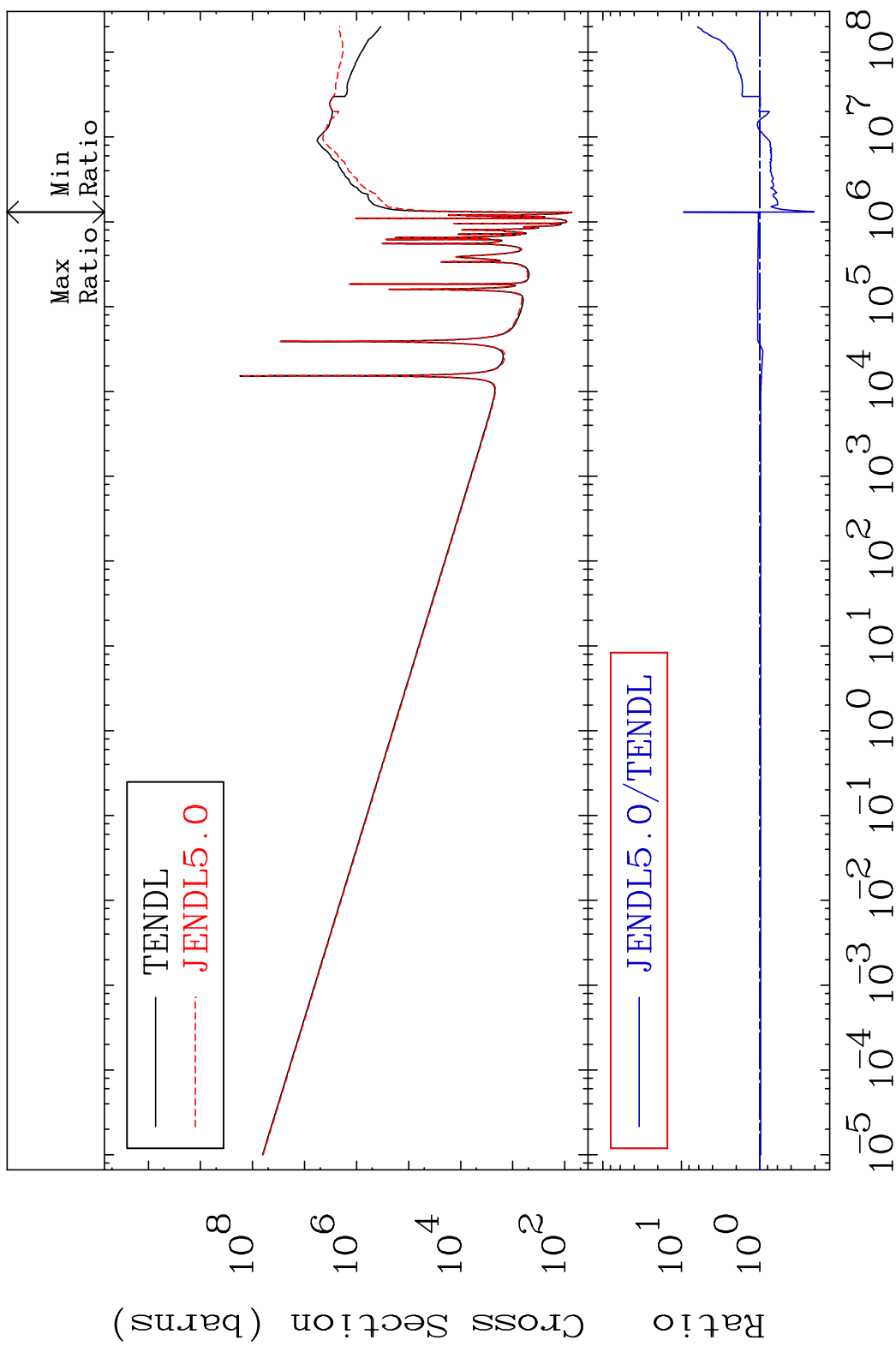


MAT 1428 Kerma capture (mt102) 14-Si-29
 Cross Section -100.0 To 2379. %



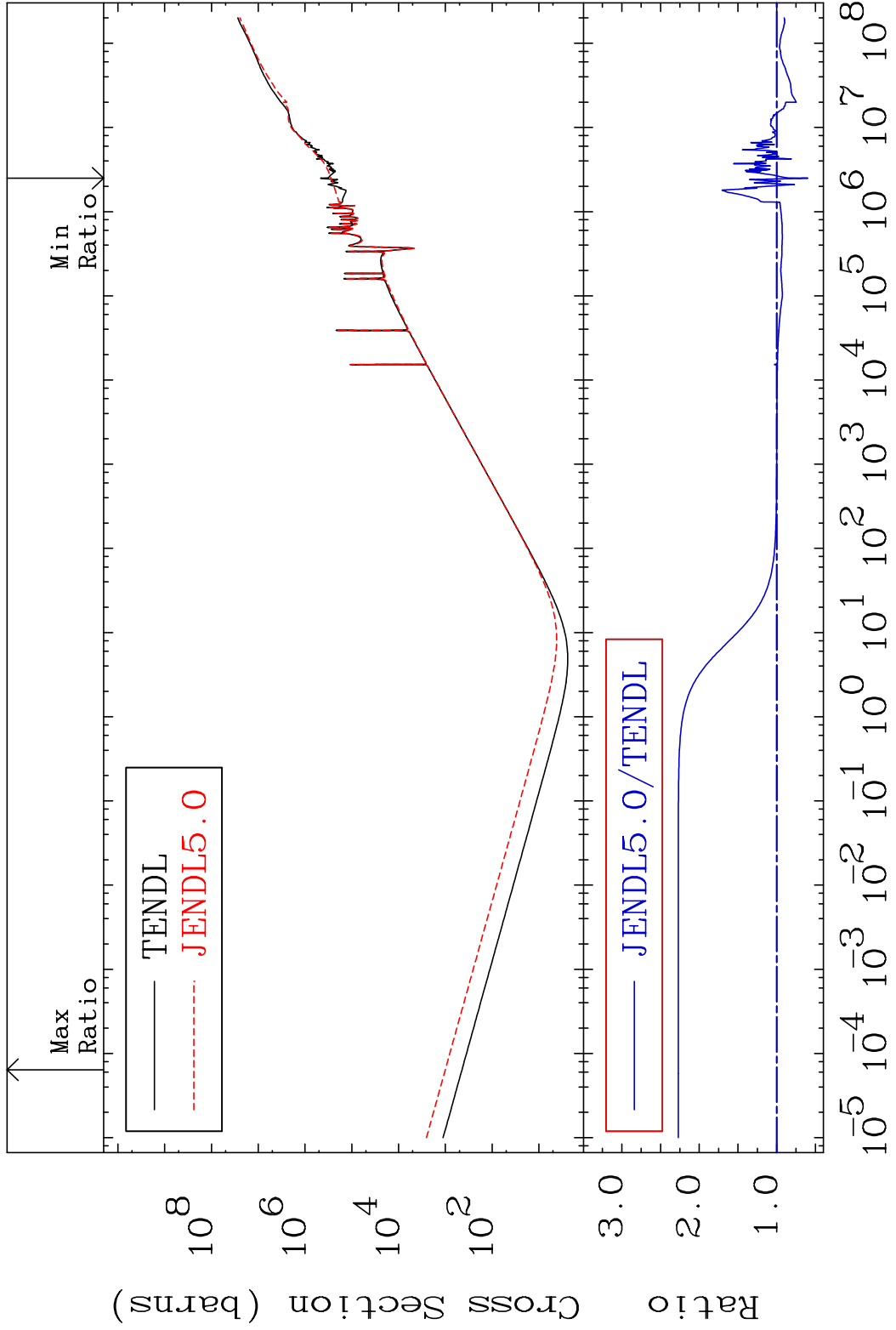
46 Incident Energy (eV) 14-Si-29

MAT 1428 Total photon (eV-barns) 14-Si-29
 Cross Section -79.49 To 839.6 %

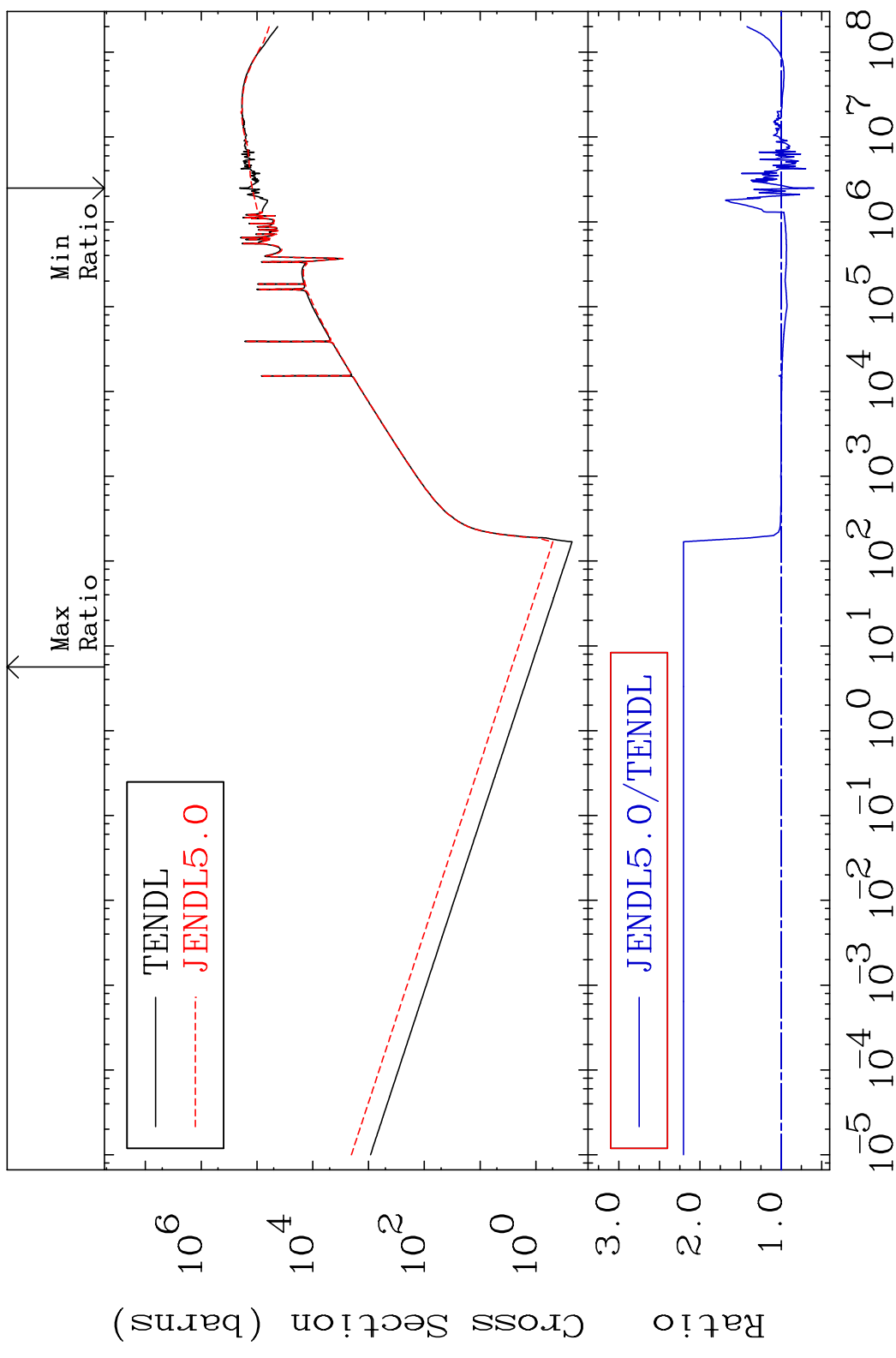


47 Incident Energy (eV) 14-Si-29

MAT 1428 Total kinematic kerma (high limit) 14-Si-29
 Cross Section -40.03 To 127.1 %

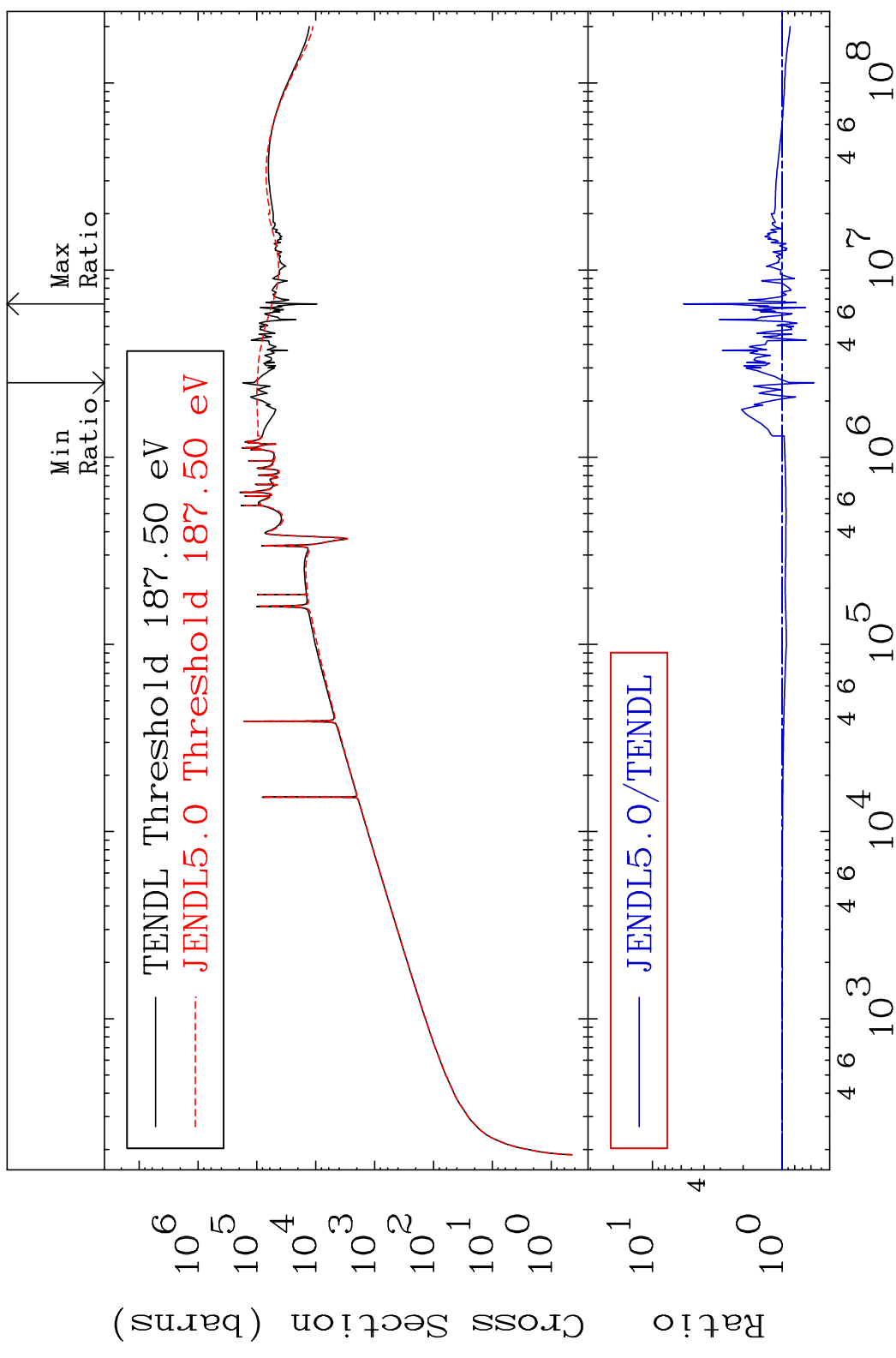


MAT 1428 Dpa total (eV-barns) 14-Si-29
 Cross Section -40.32 To 120.4 %



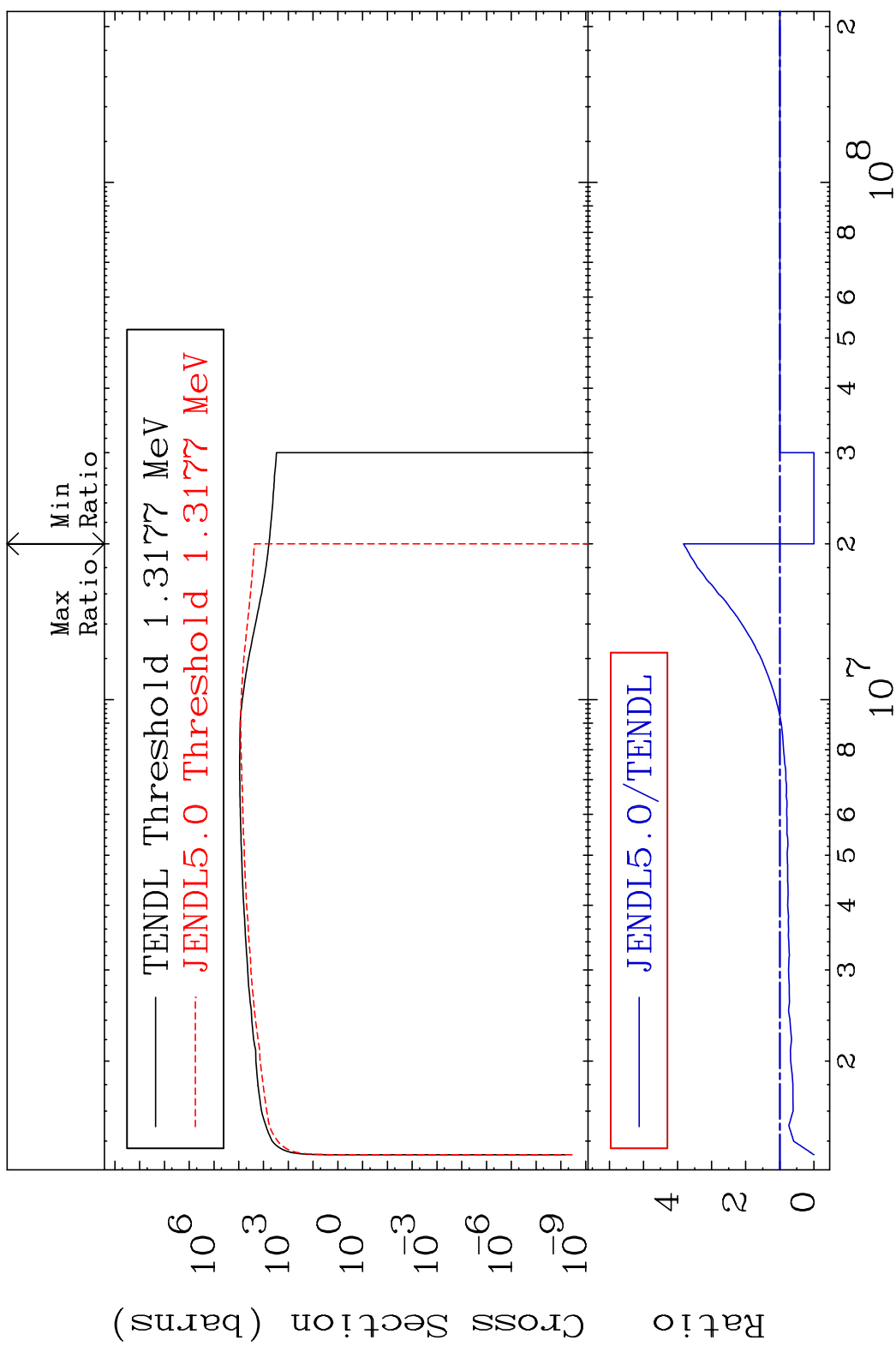
49 Incident Energy (eV) 14-Si-29

MAT 1428 Dpa elastic (mt2) 14-Si-29
 Cross Section -42.98 To 476.7 %



50 Incident Energy (eV) 14-Si-29

MAT 1428 Dpa inelastic (mt51-91) 14-Si-29
 Cross Section -100.0 To 282.7 %



51 Incident Energy (eV) 14-Si-29

MAT 1428 Dpa disappearance (mt102 -120) 14-Si-29
 Cross Section -100.0 To 875.1 %

