

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

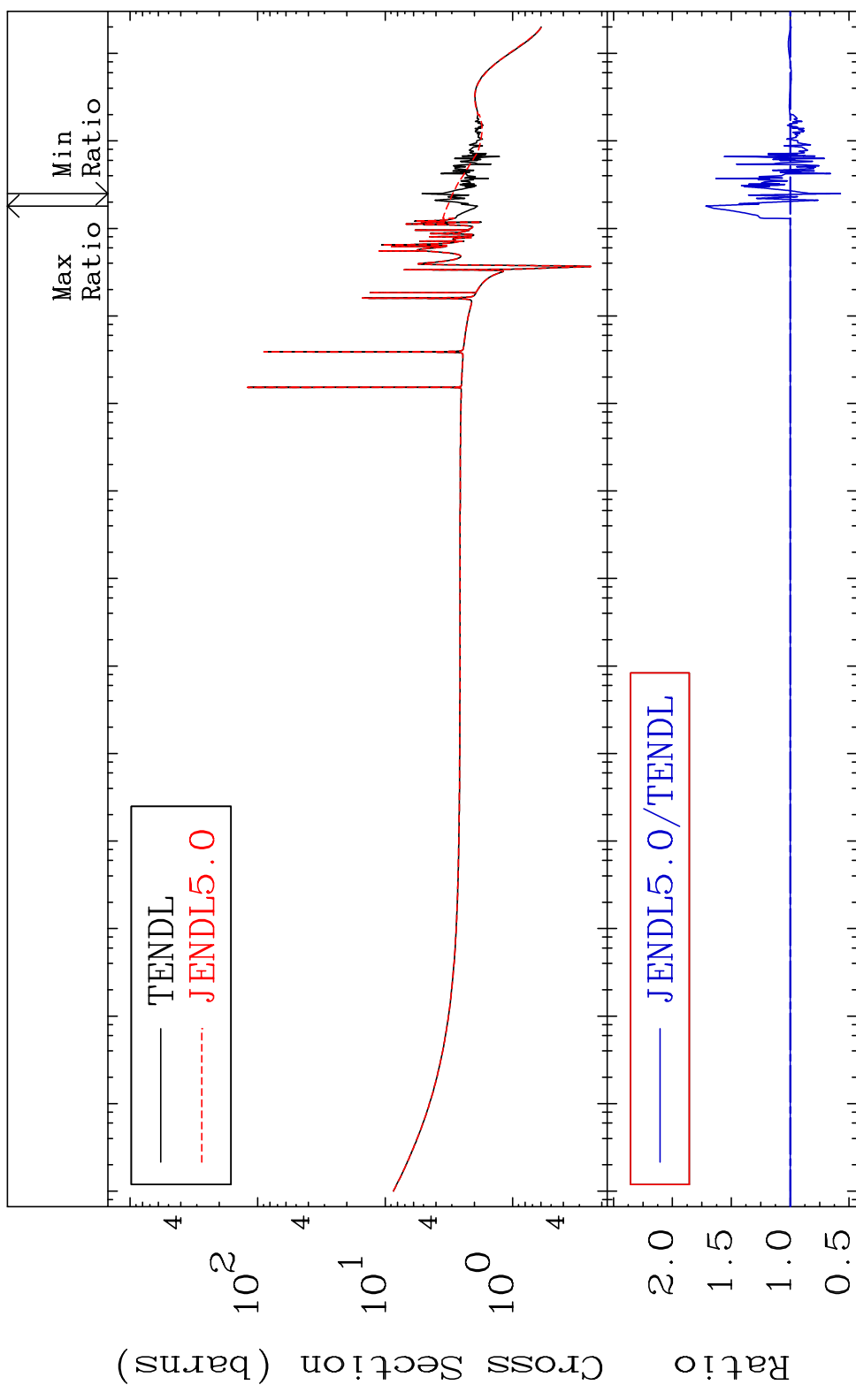
MAT 1428

Total

14-Si-29

Cross Section

-42.66 To 71.67 %



1

Incident Energy (eV)

14-Si-29

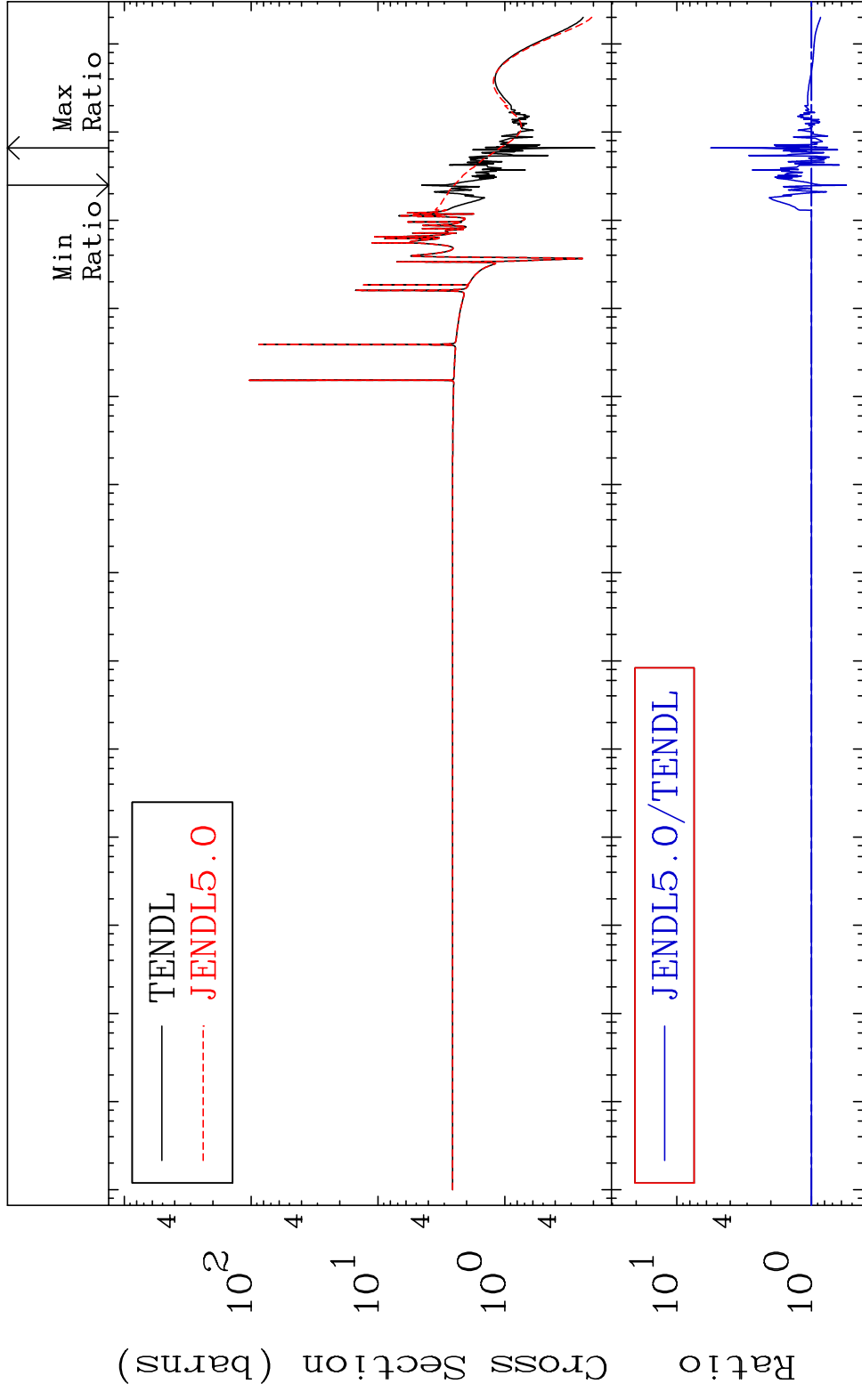
MAT 1428

Elastic

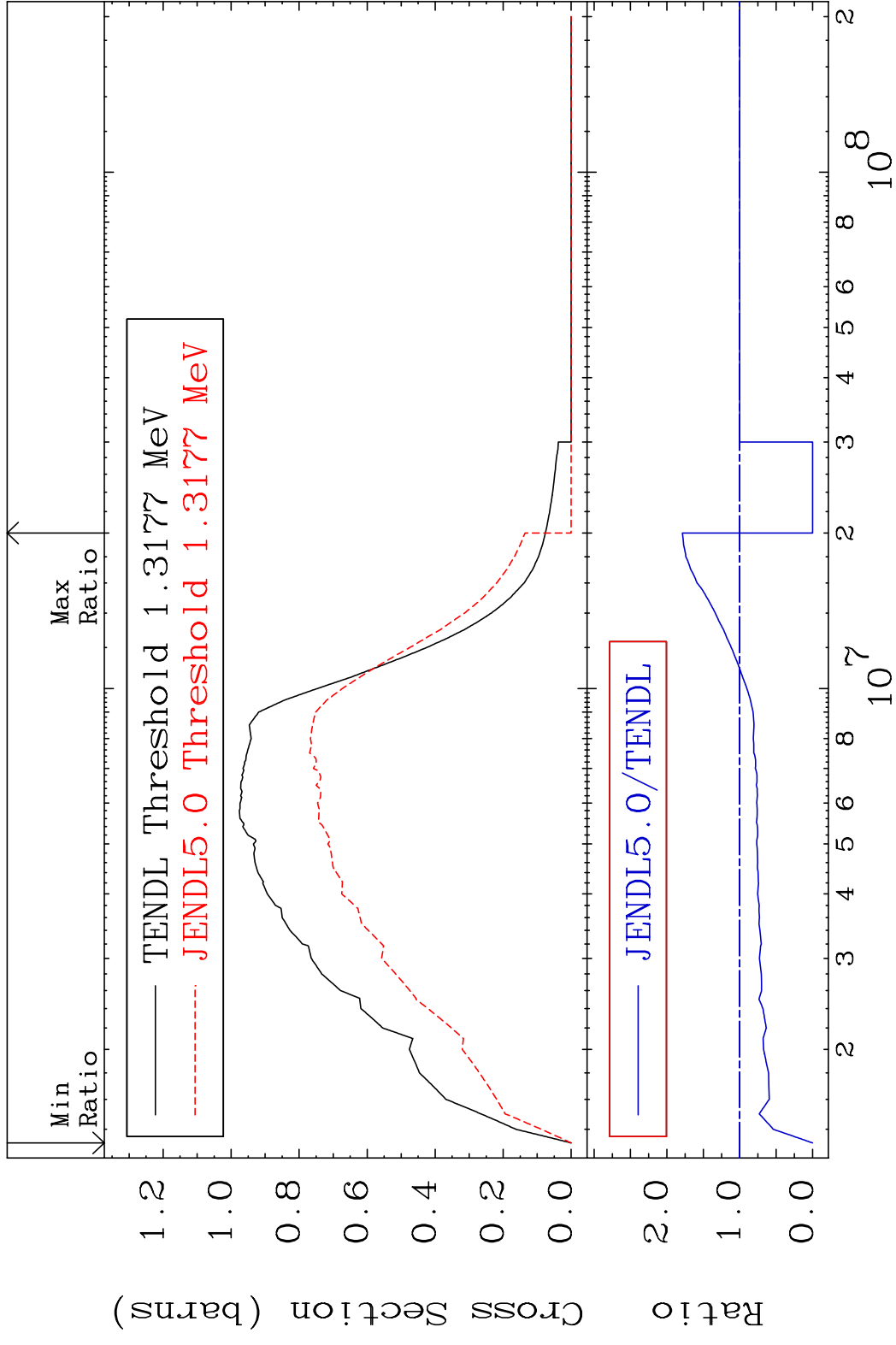
14-Si-29

Cross Section

-44.88 To 459.2 %



MAT 1428 Inelastic 14-Si-29
 Cross Section -100.0 To 78.79 %

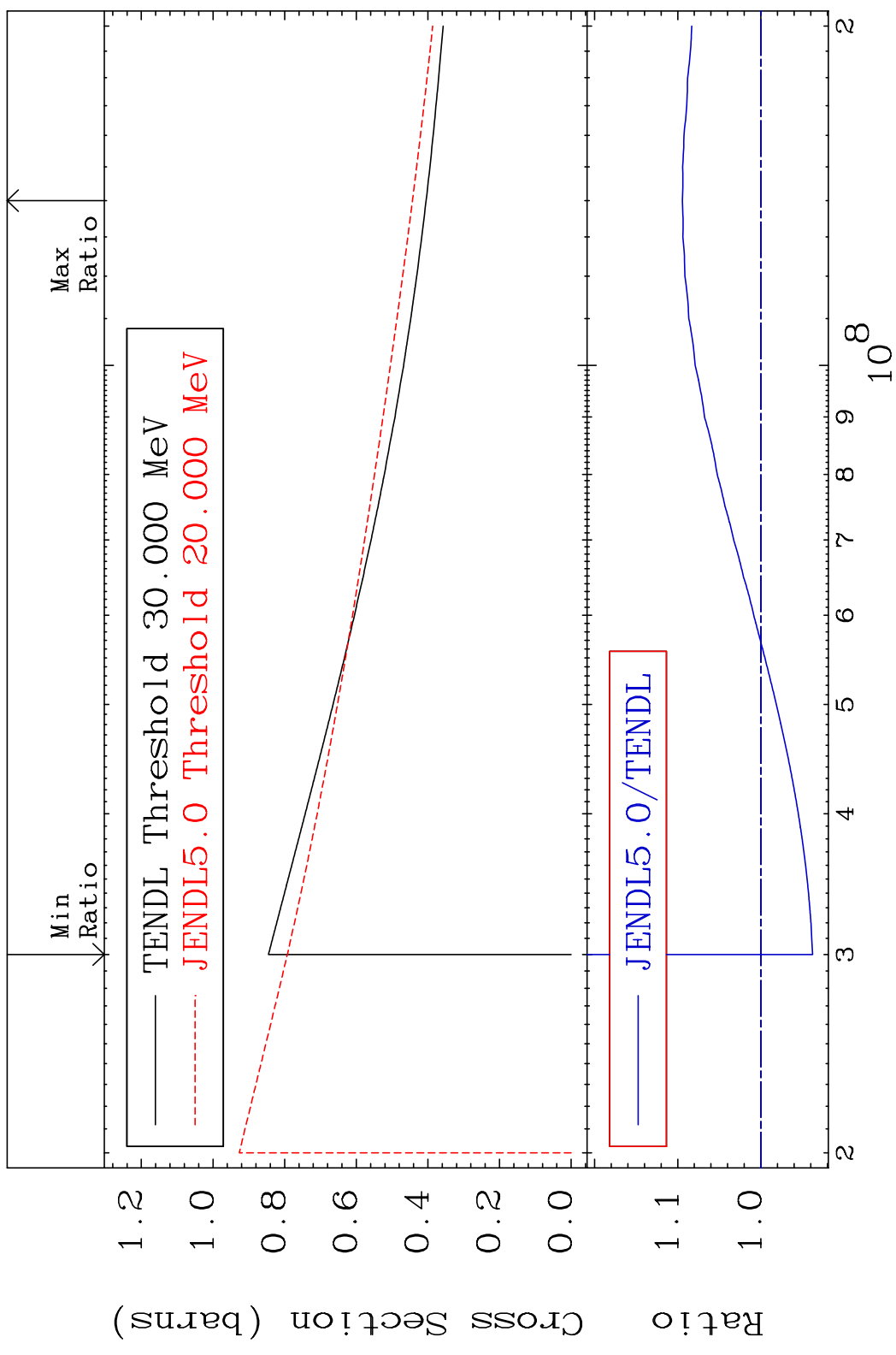


MAT 1428

(n, remainder)

14-Si-29

Cross Section -6.213 To 9.443 %



4

Incident Energy (eV)

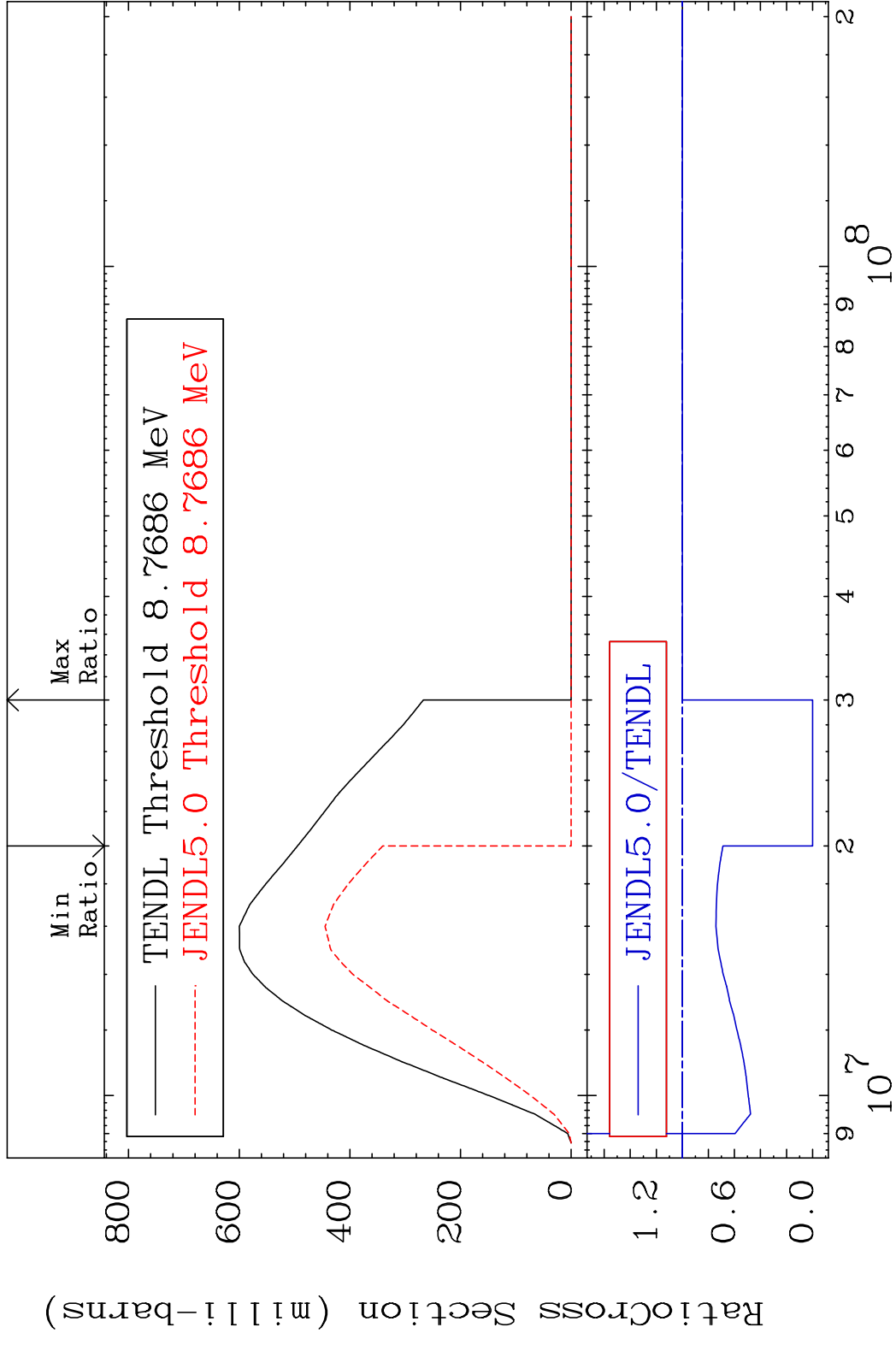
14-Si-29

MAT 1428

(n,2n)

14-Si-29

Cross Section -100.0 To 0.000 %



5

Incident Energy (eV)

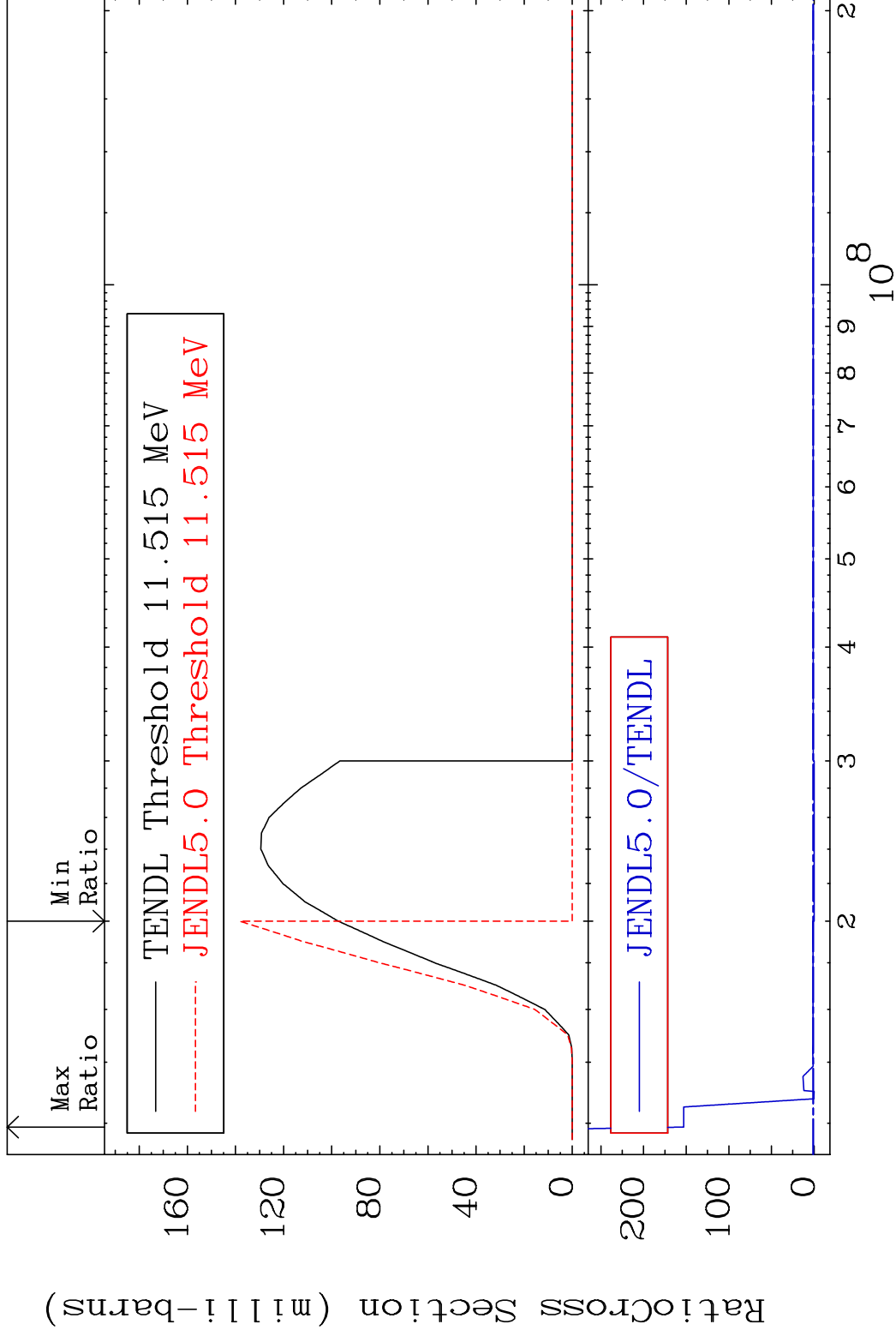
14-Si-29

MAT 1428

(n, n') α

14-Si-29

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

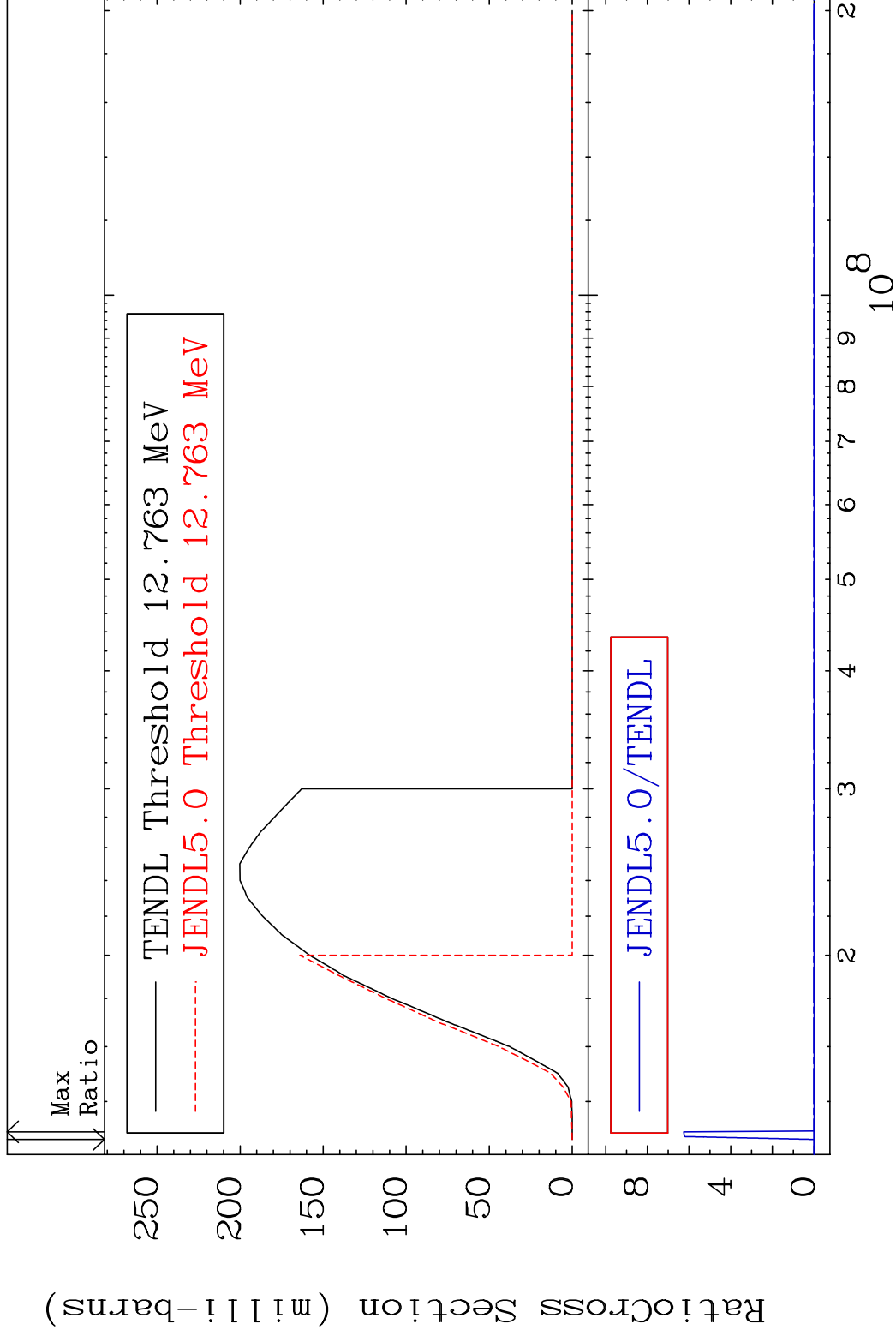
14-Si-29

MAT 1428

(n, n') p

14-Si-29

Cross Section -100.0 To 9999. %

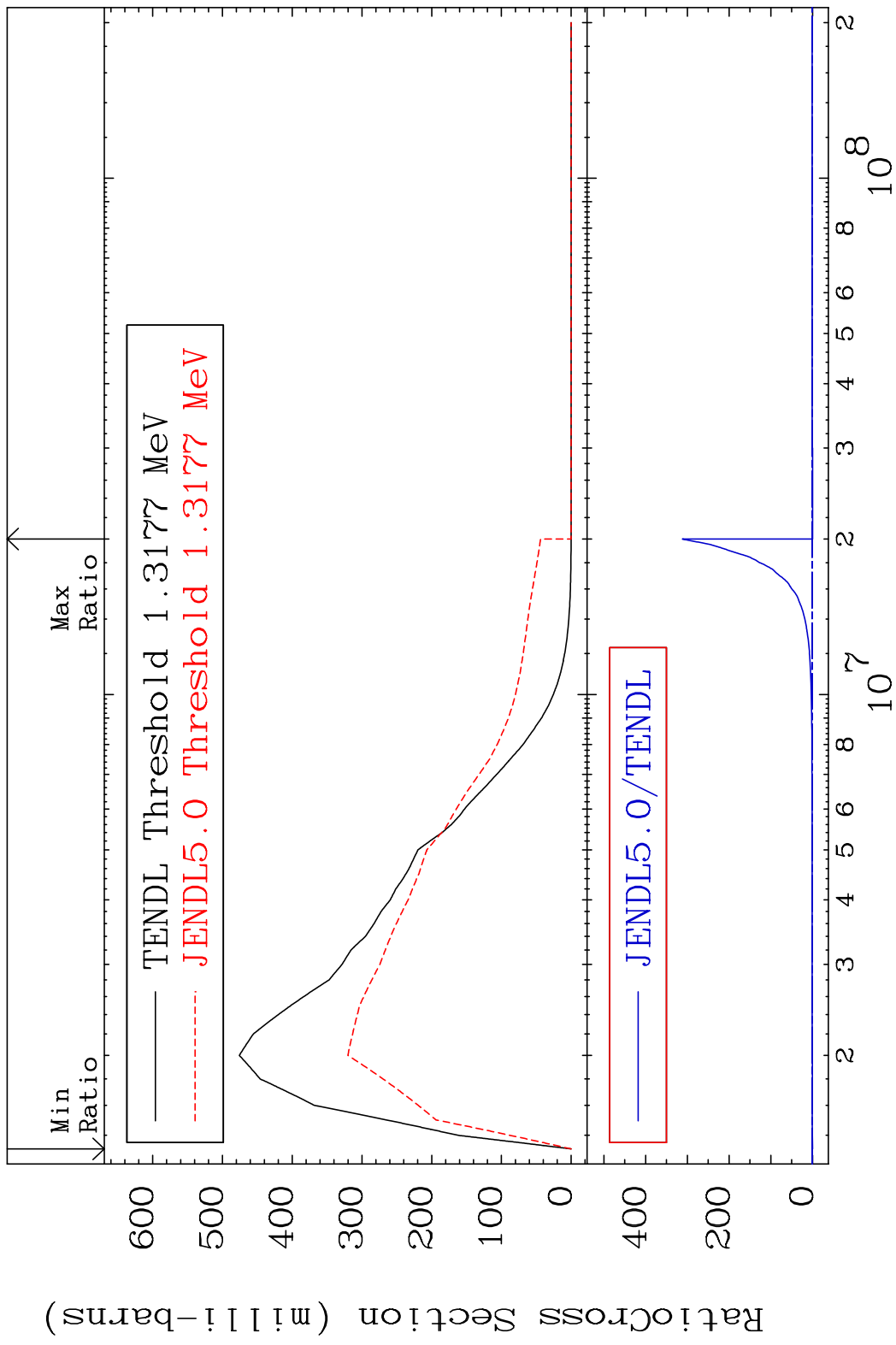


7

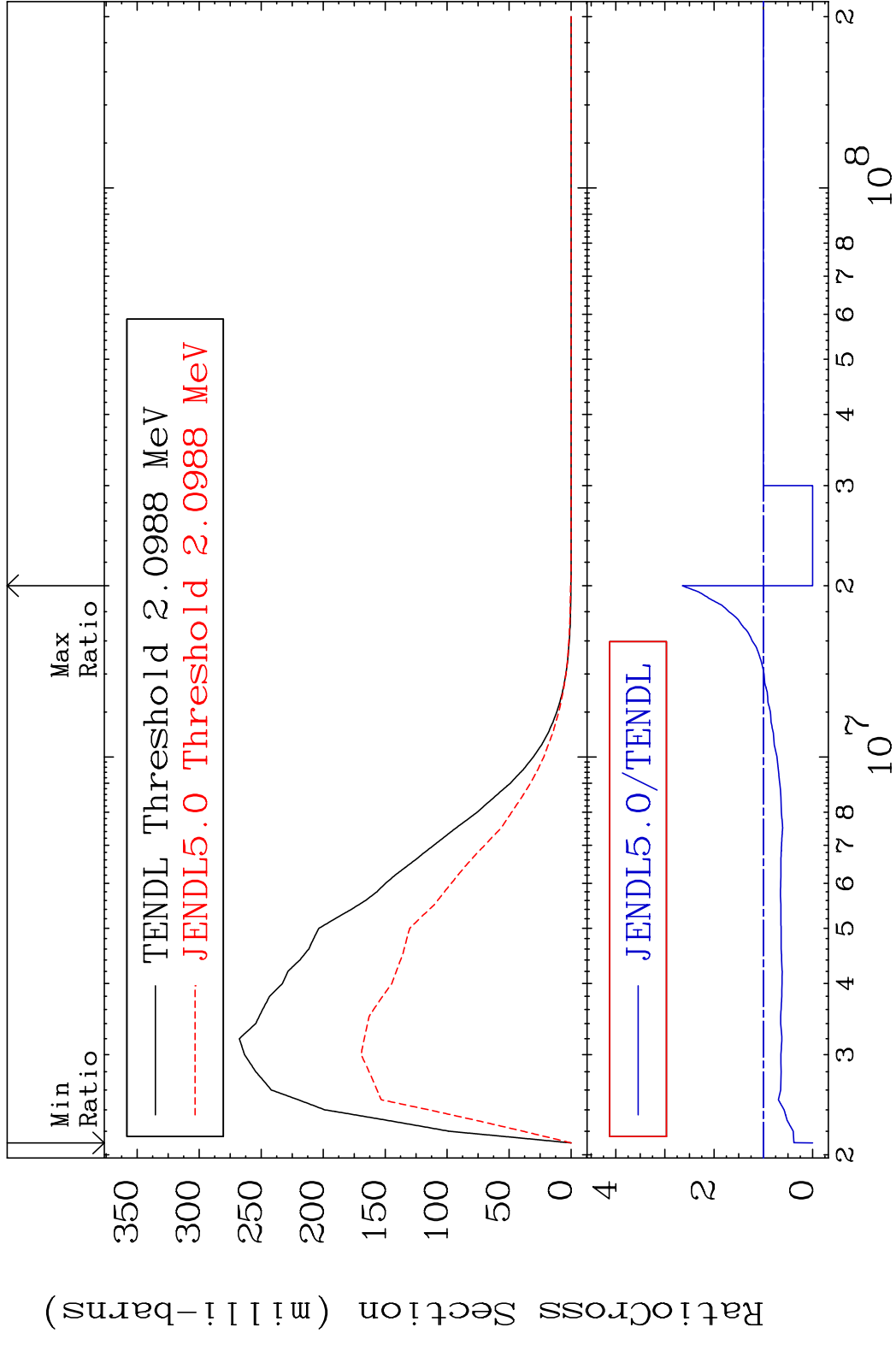
Incident Energy (eV)

14-Si-29

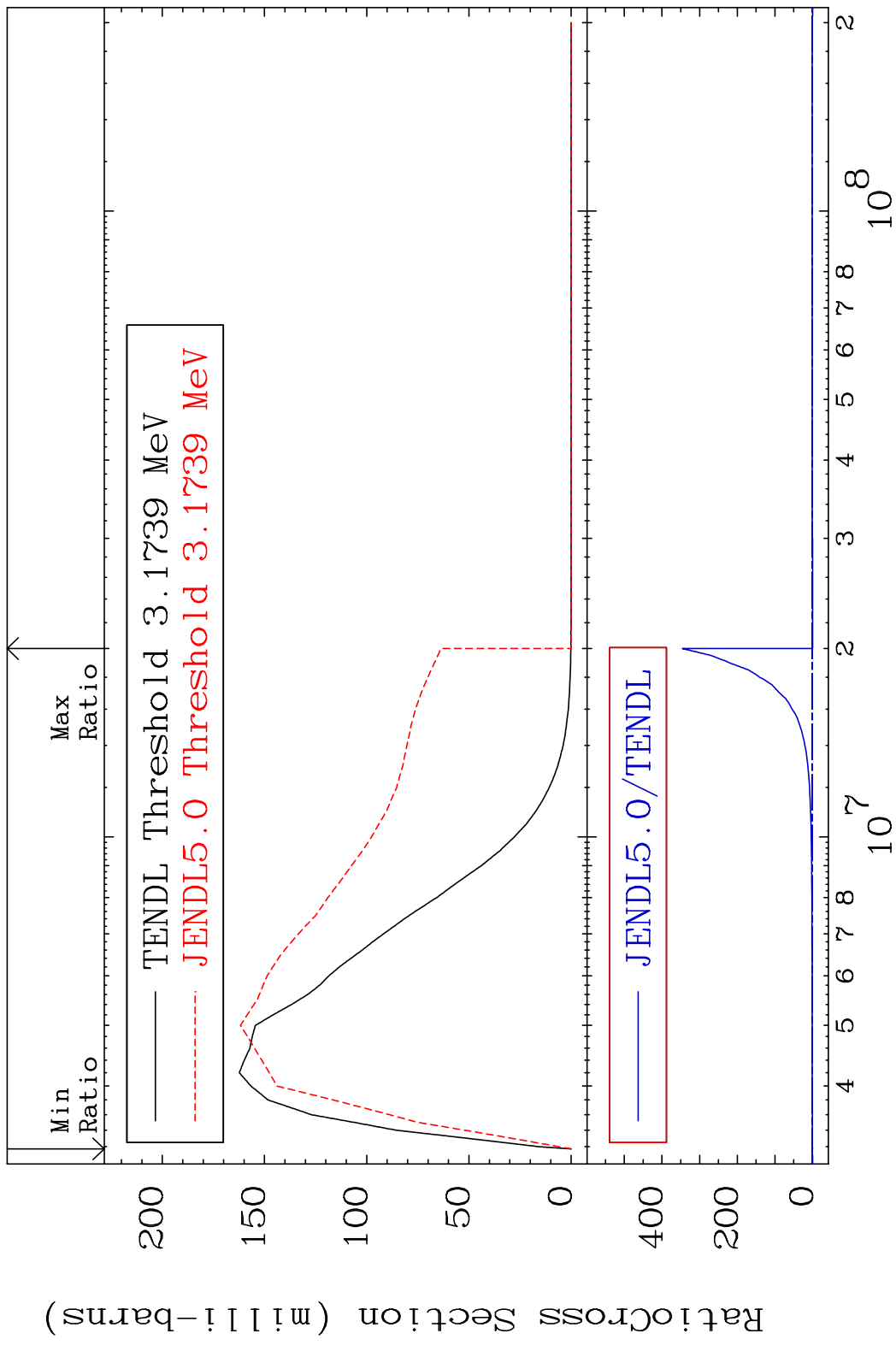
MAT 1428 MT= 51 (n, n') Level 14-Si-29
 Cross Section -100.0 To 9999. %



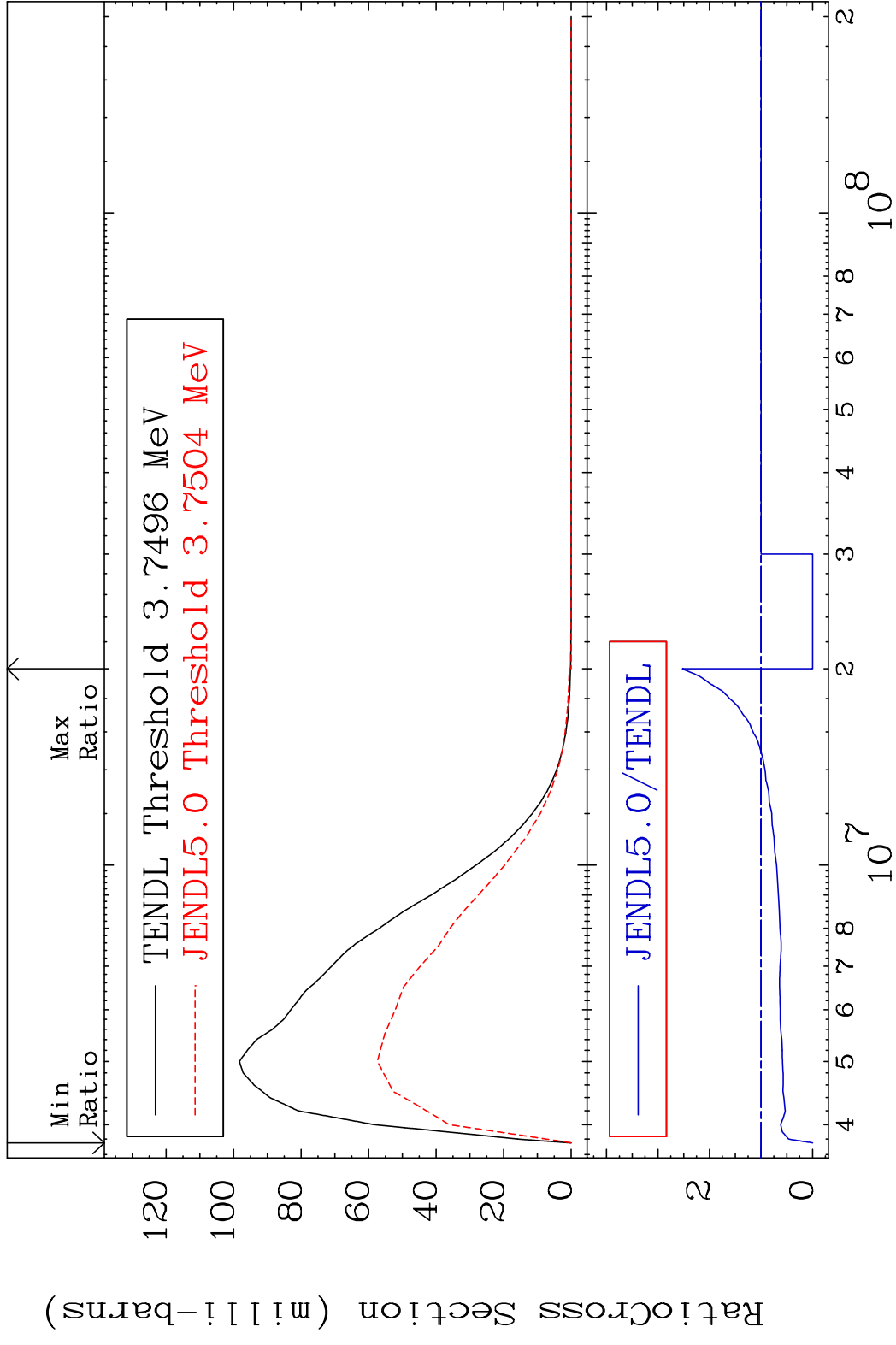
MAT 1428 MT= 52 (n, n') Level 14-Si-29
 Cross Section -100.0 To 164.6 %



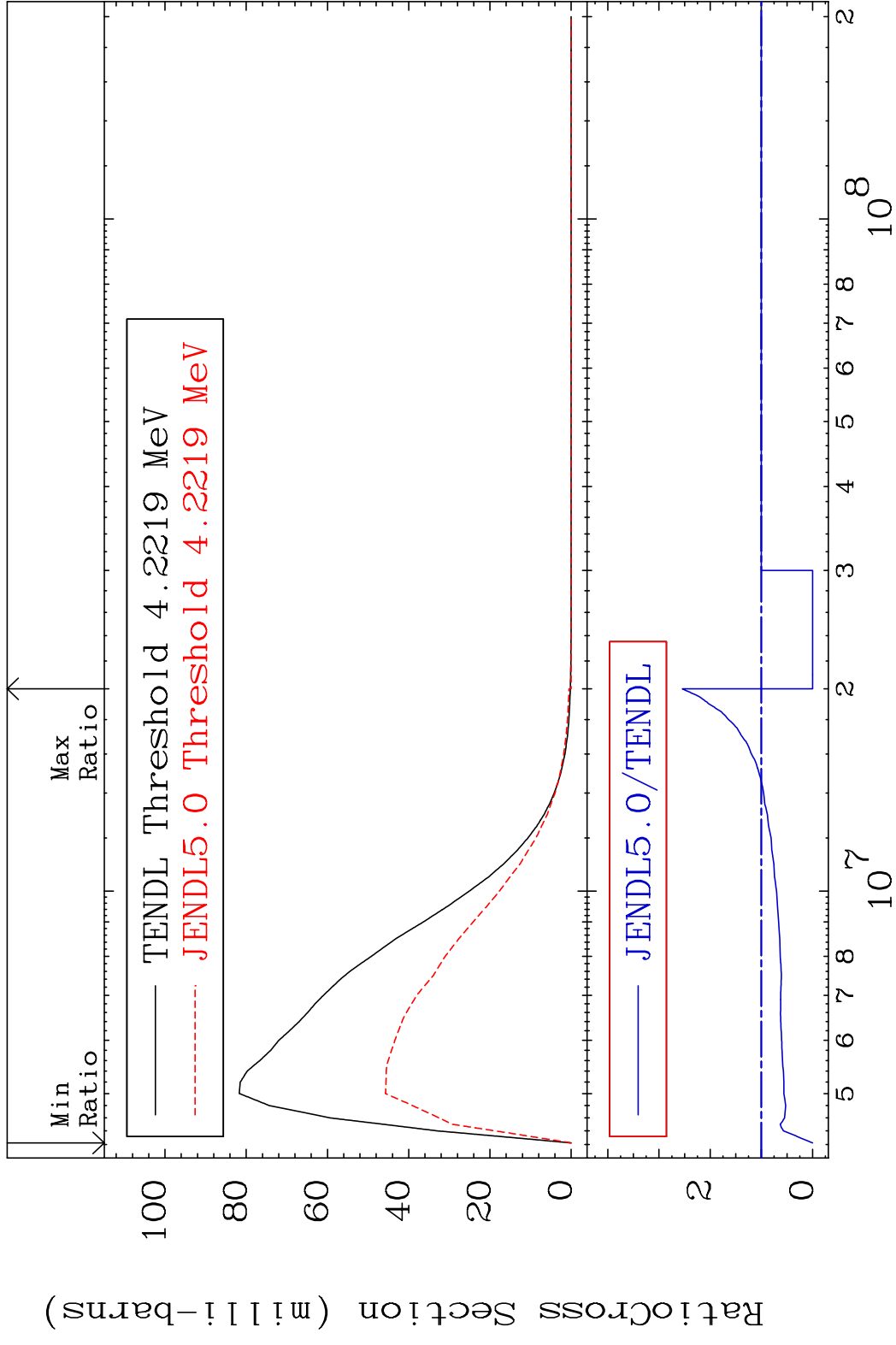
MAT 1428 MT= 54 (n, n') Level 14-Si-29
 Cross Section -100.0 To 9999. %



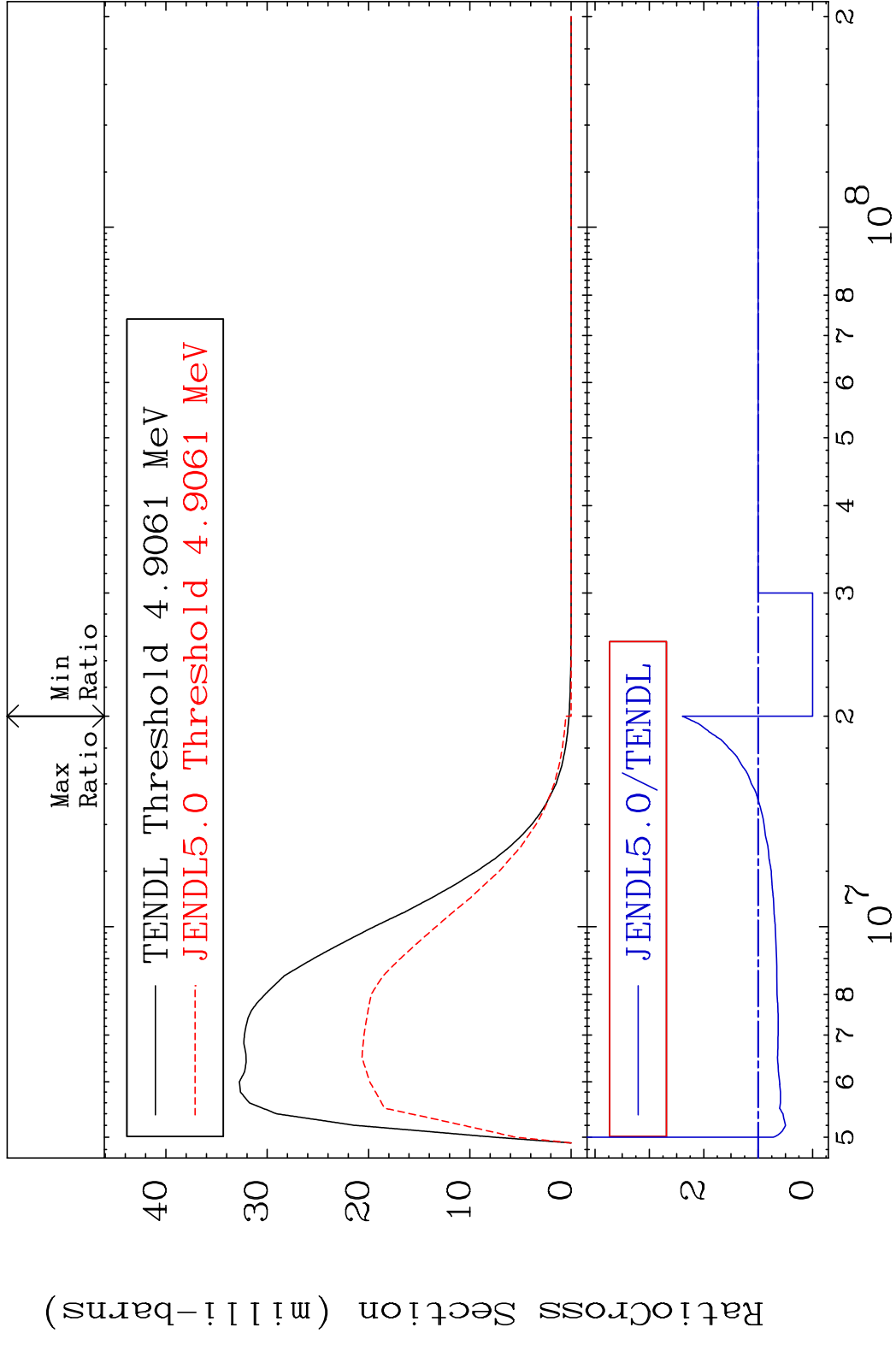
MAT 1428 MT= 55 (n, n') Level 14-Si-29
 Cross Section -100.0 To 152.7 %



MAT 1428 MT= 56 (n, n') Level 14-Si-29
 Cross Section -100.0 To 154.4 %

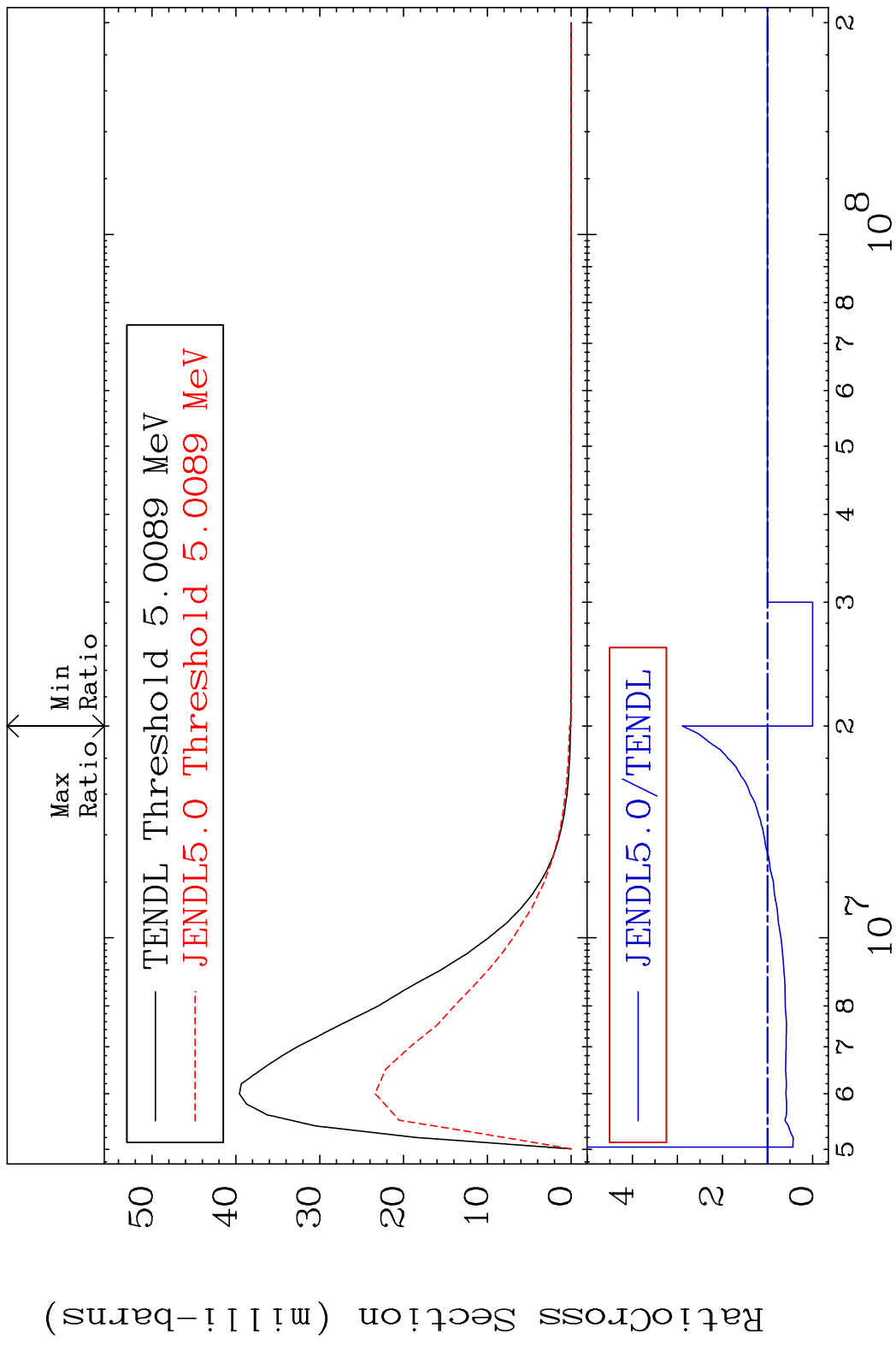


MAT 1428 MT= 57 (n, n') Level 14-Si-29
 Cross Section -100.0 To 139.4 %



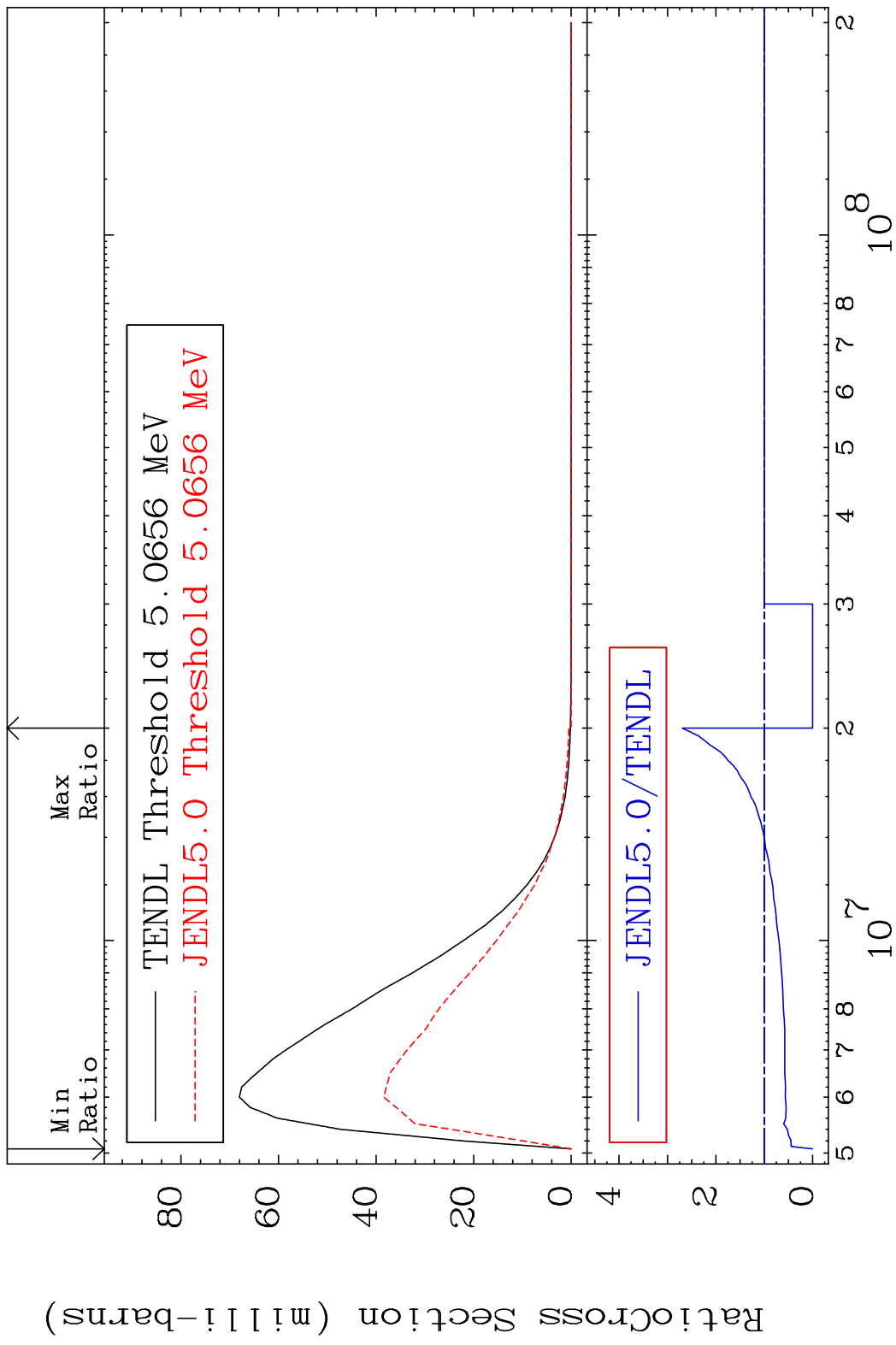
14 14-Si-29

MAT 1428 MT= 58 (n,n') Level 14-Si-29
 Cross Section -100.0 To 189.2 %



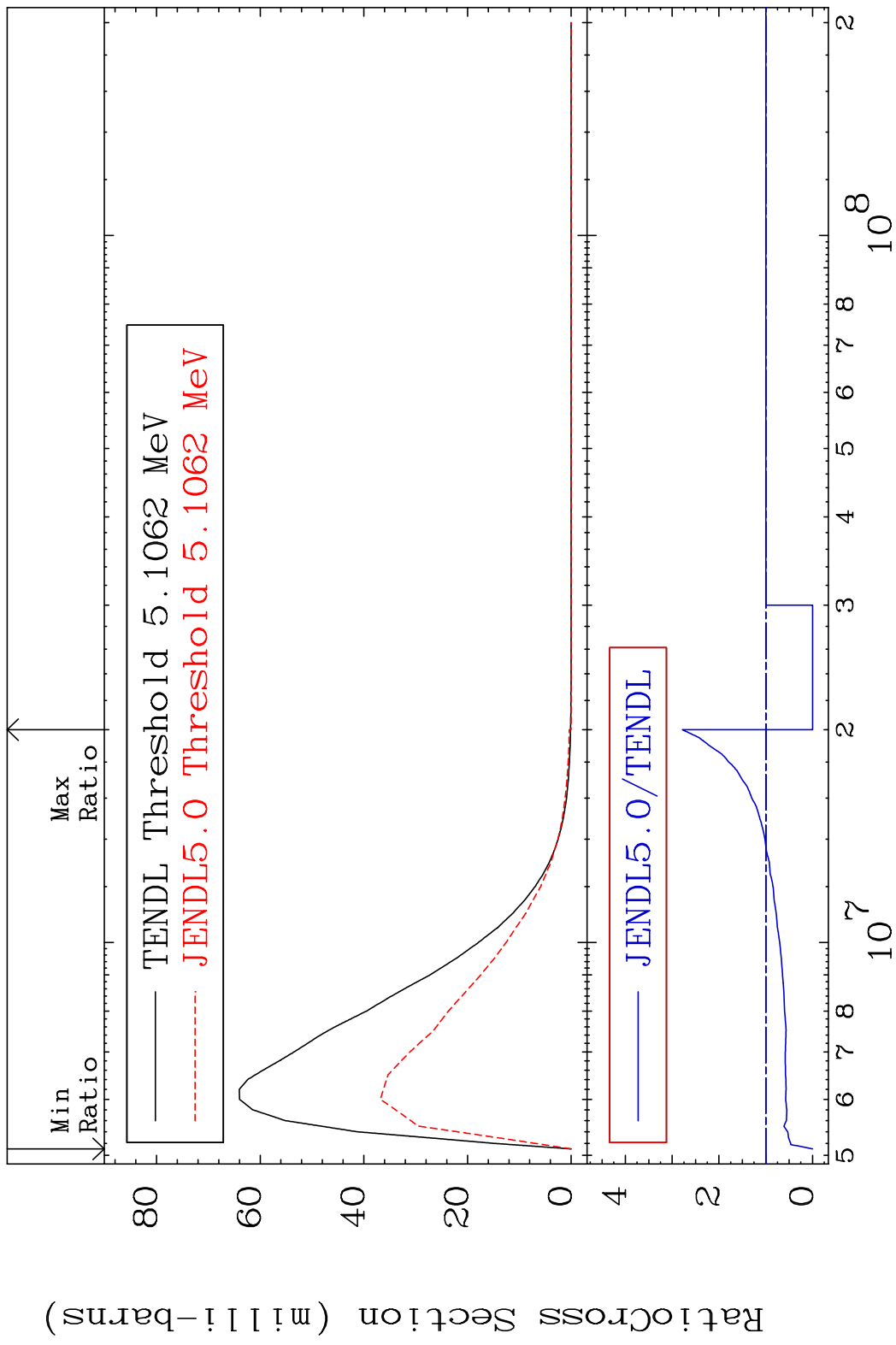
15 14-Si-29

MAT 1428 MT= 59 (n, n') Level 14-Si-29
 Cross Section -100.0 To 169.2 %

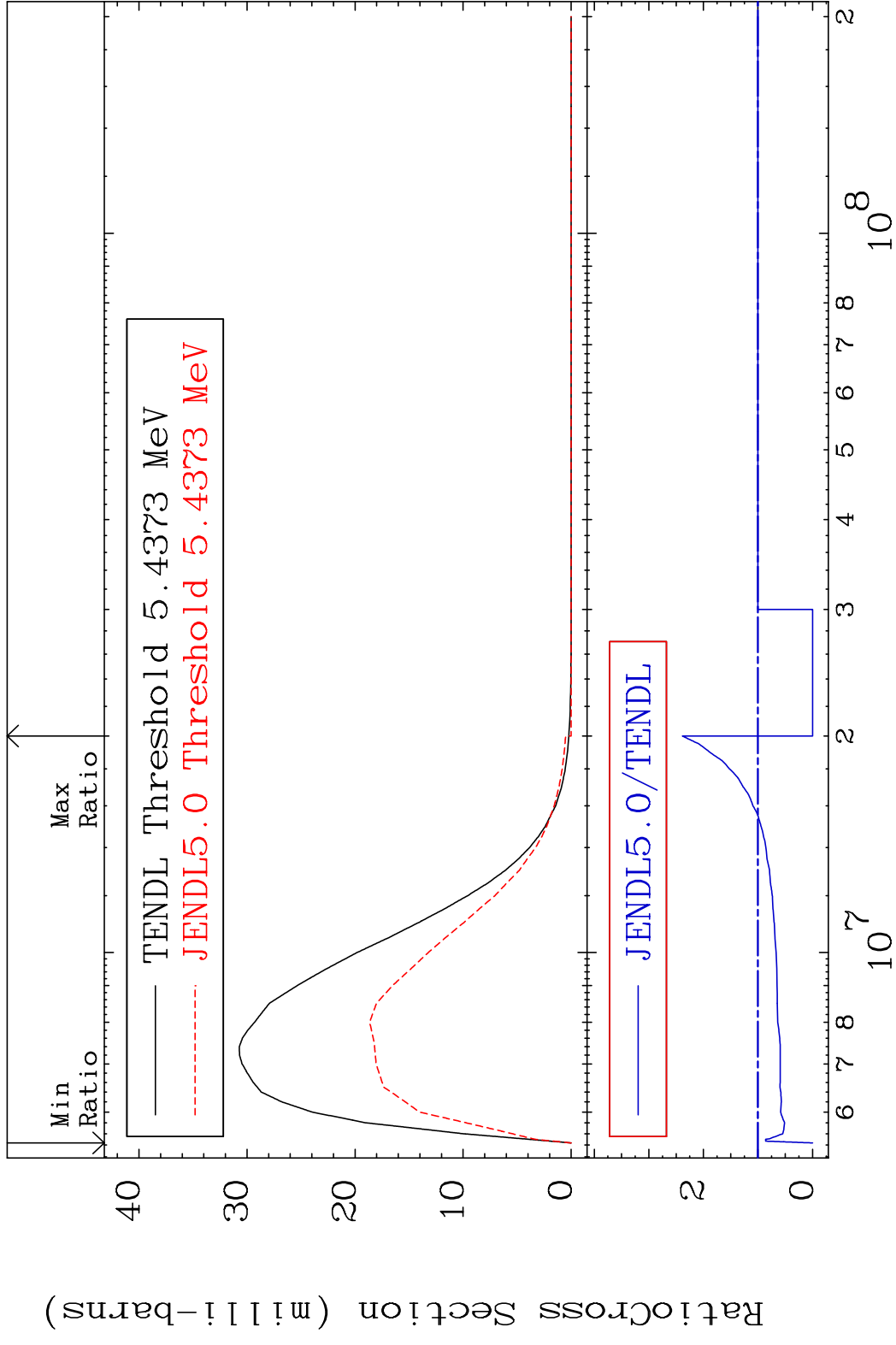


16 Incident Energy (eV) 14-Si-29

MAT 1428 MT= 60 (n, n') Level 14-Si-29
 Cross Section -100.0 To 178.3 %

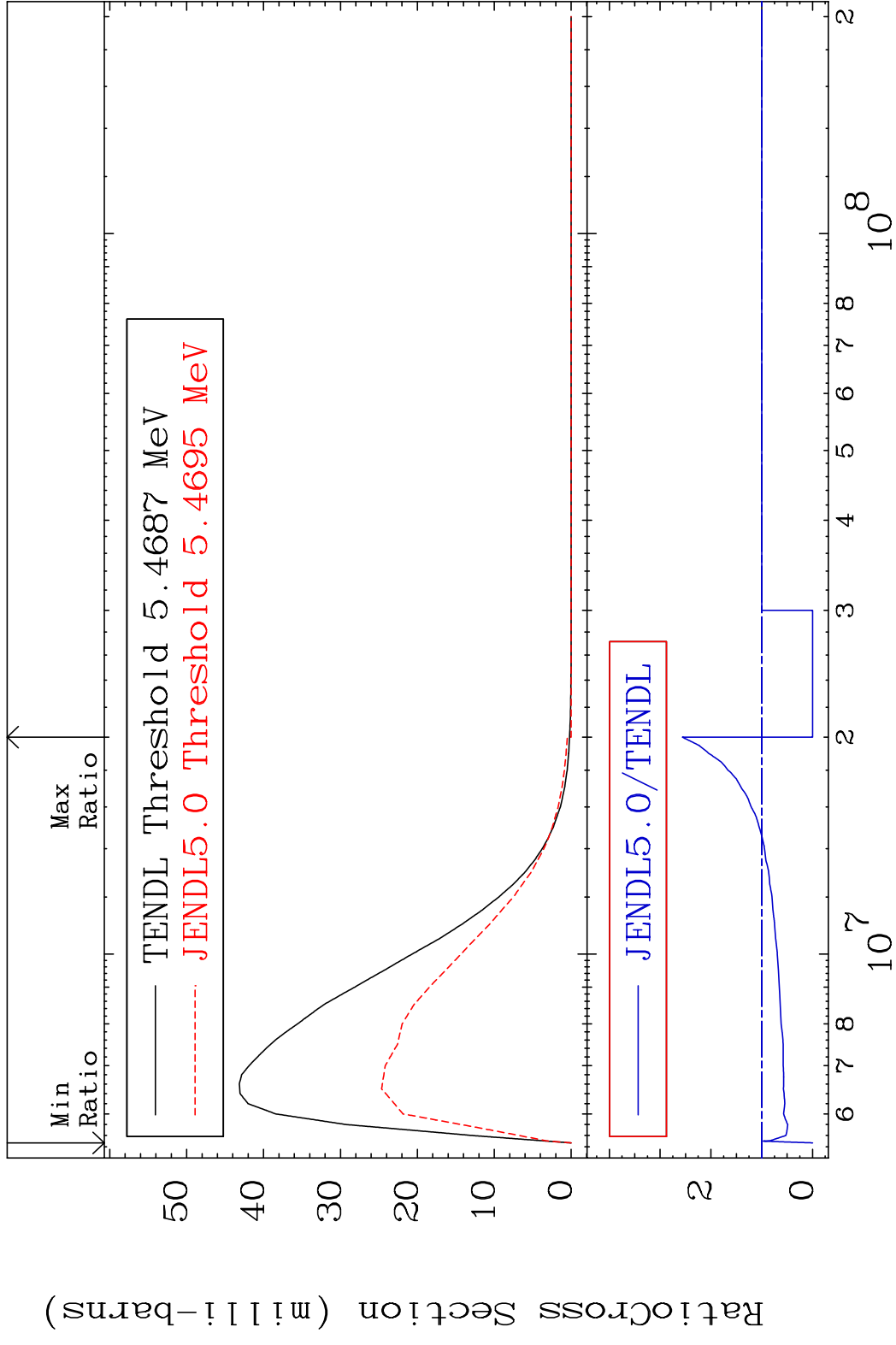


MAT 1428 MT= 61 (n,n') Level 14-Si-29
 Cross Section -100.0 To 138.6 %

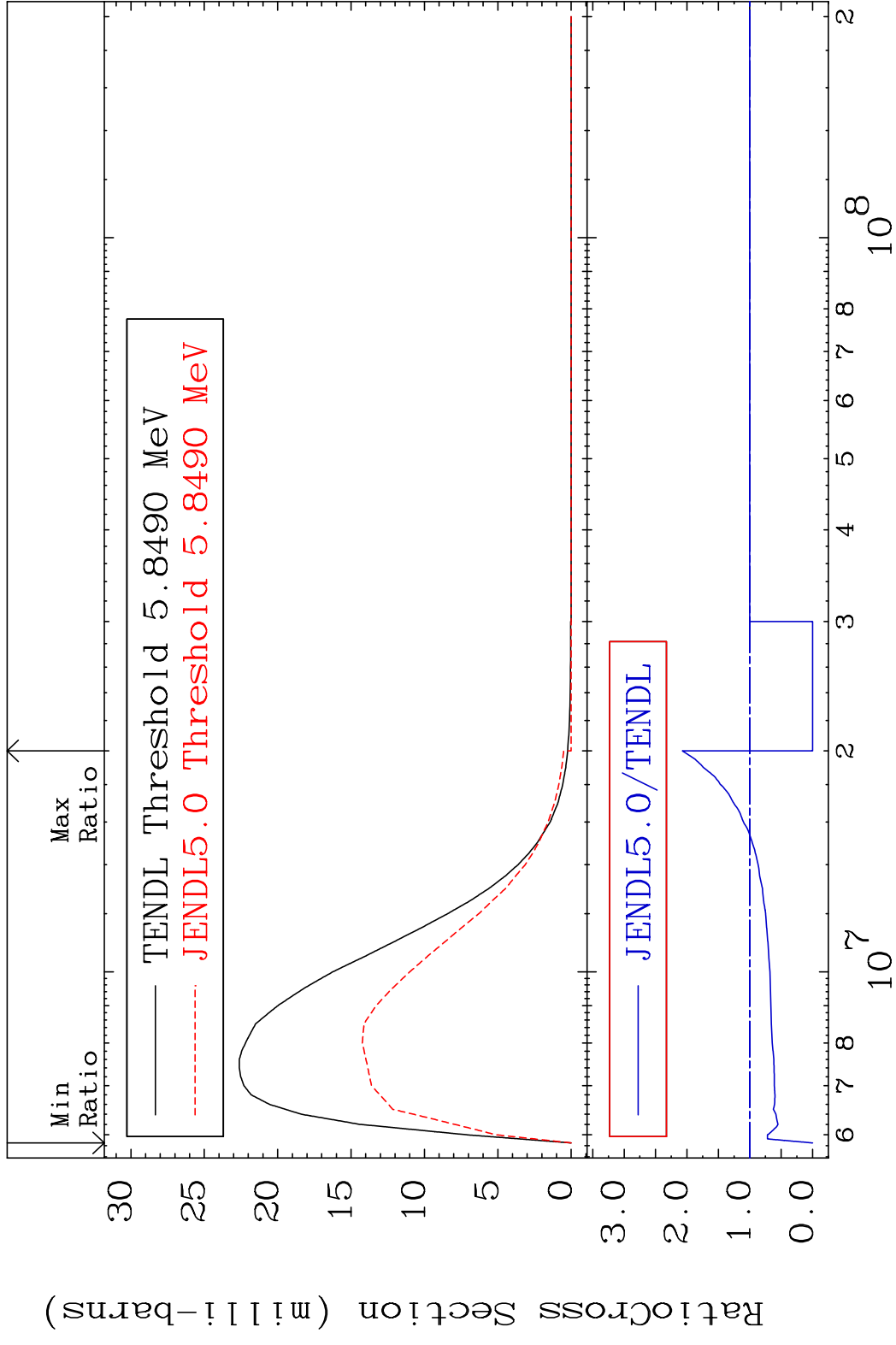


18 14-Si-29

MAT 1428 MT= 62 (n, n') Level 14-Si-29
 Cross Section -100.0 To 156.3 %

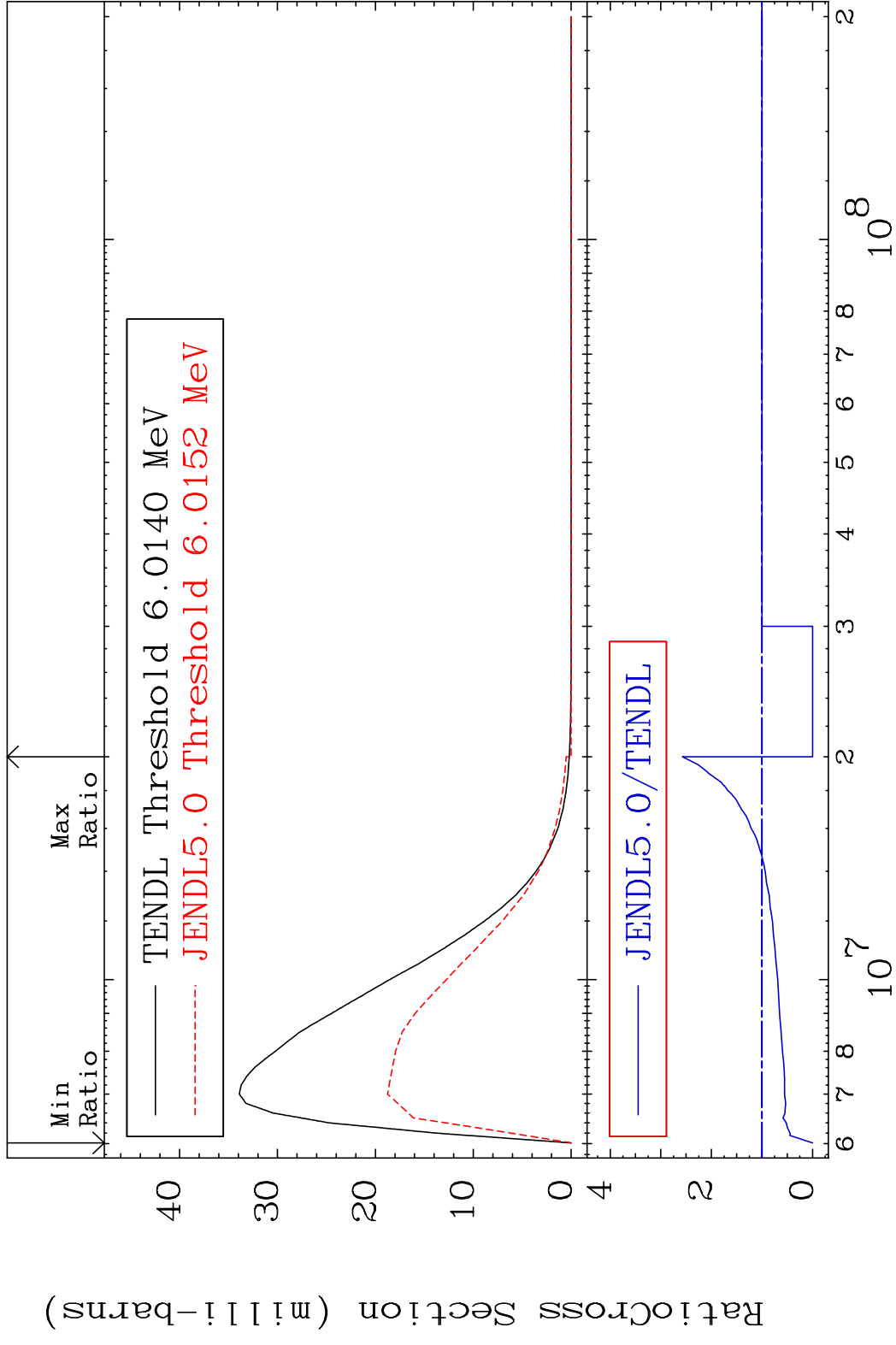


MAT 1428 MT= 63 (n, n') Level 14-Si-29
 Cross Section -100.0 To 107.3 %

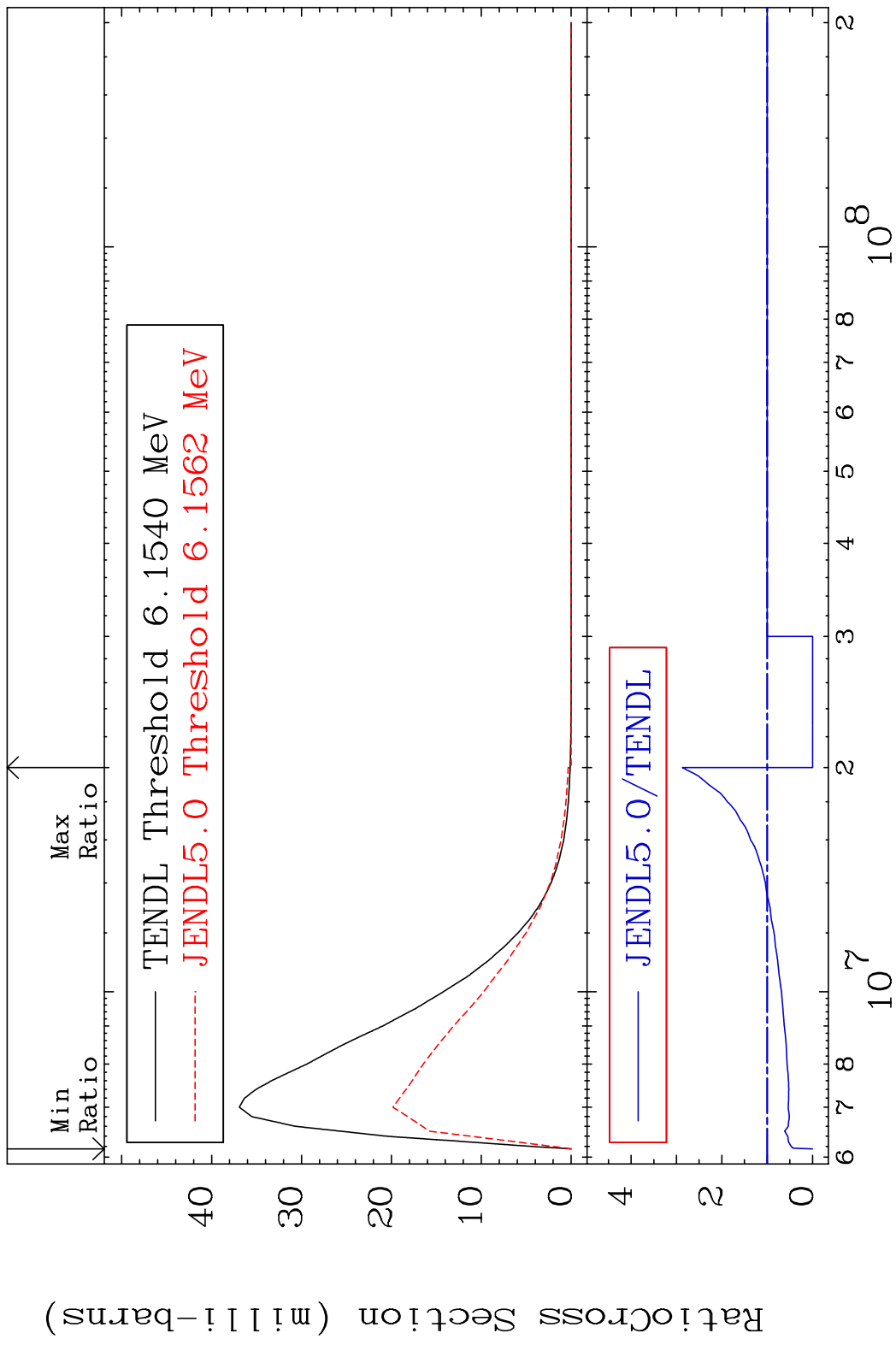


20 14-Si-29

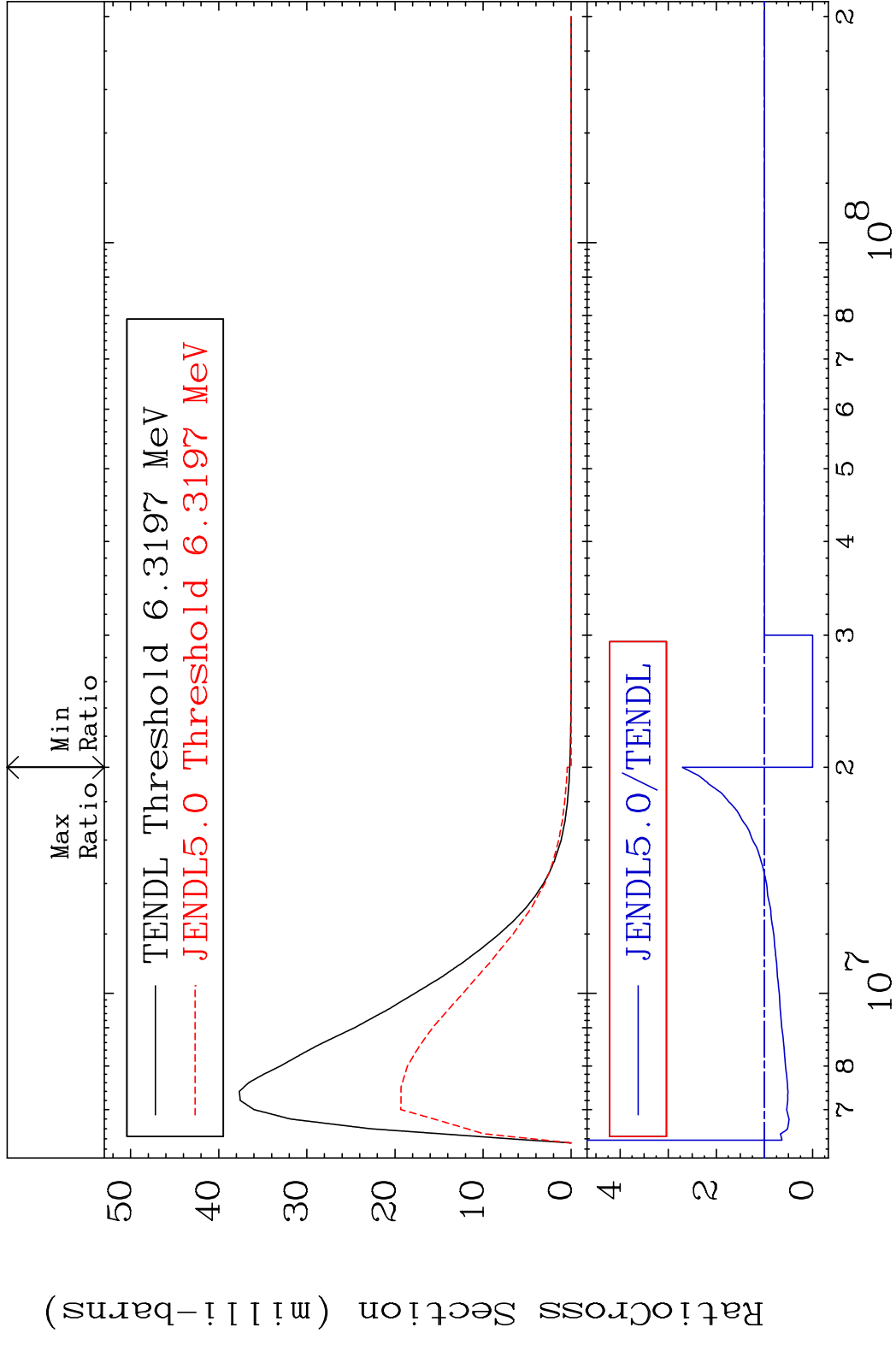
MAT 1428 MT= 64 (n,n') Level 14-Si-29
 Cross Section -100.0 To 157.4 %



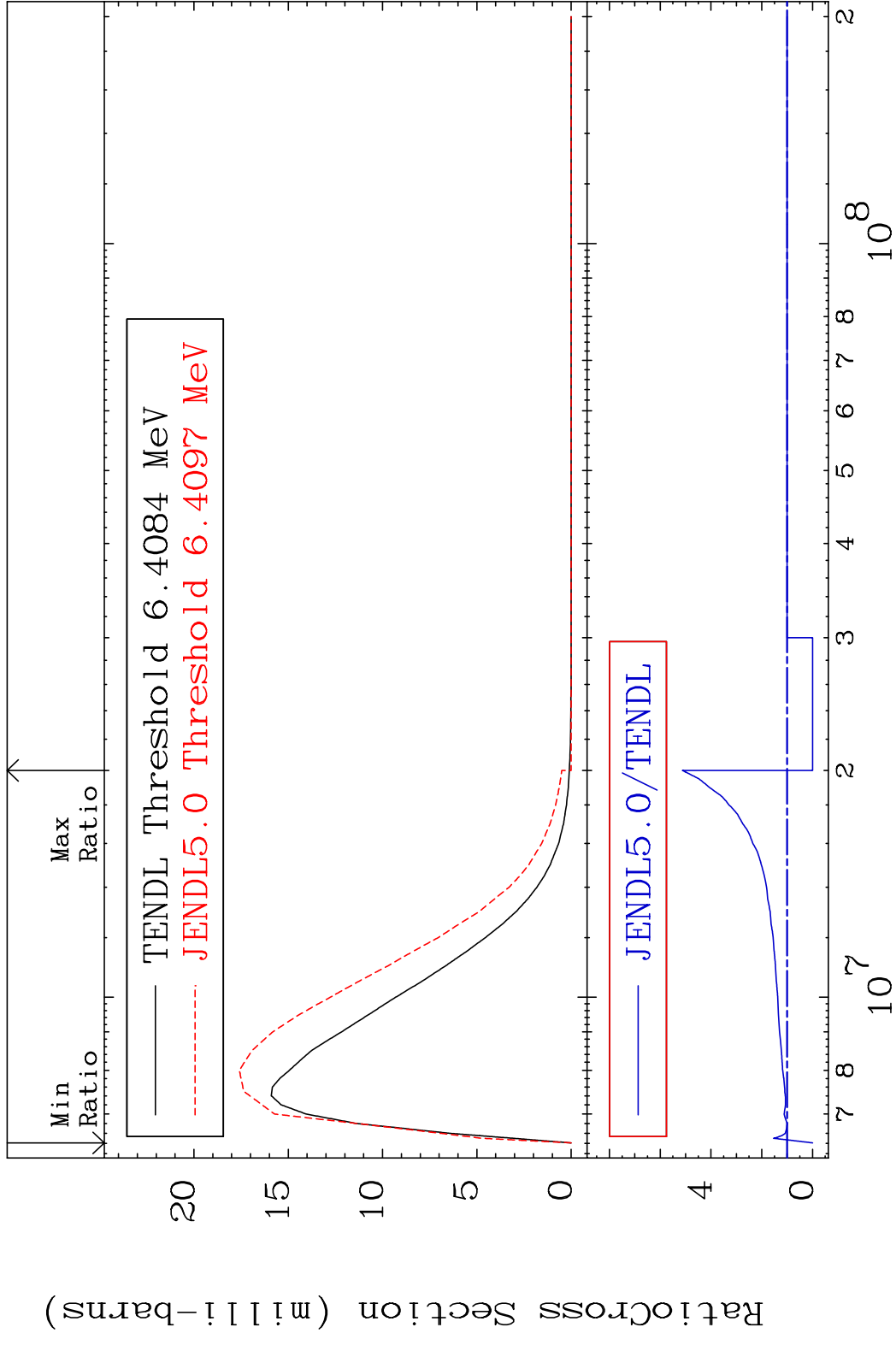
MAT 1428 MT= 65 (n,n') Level 14-Si-29
 Cross Section -100.0 To 187.0 %



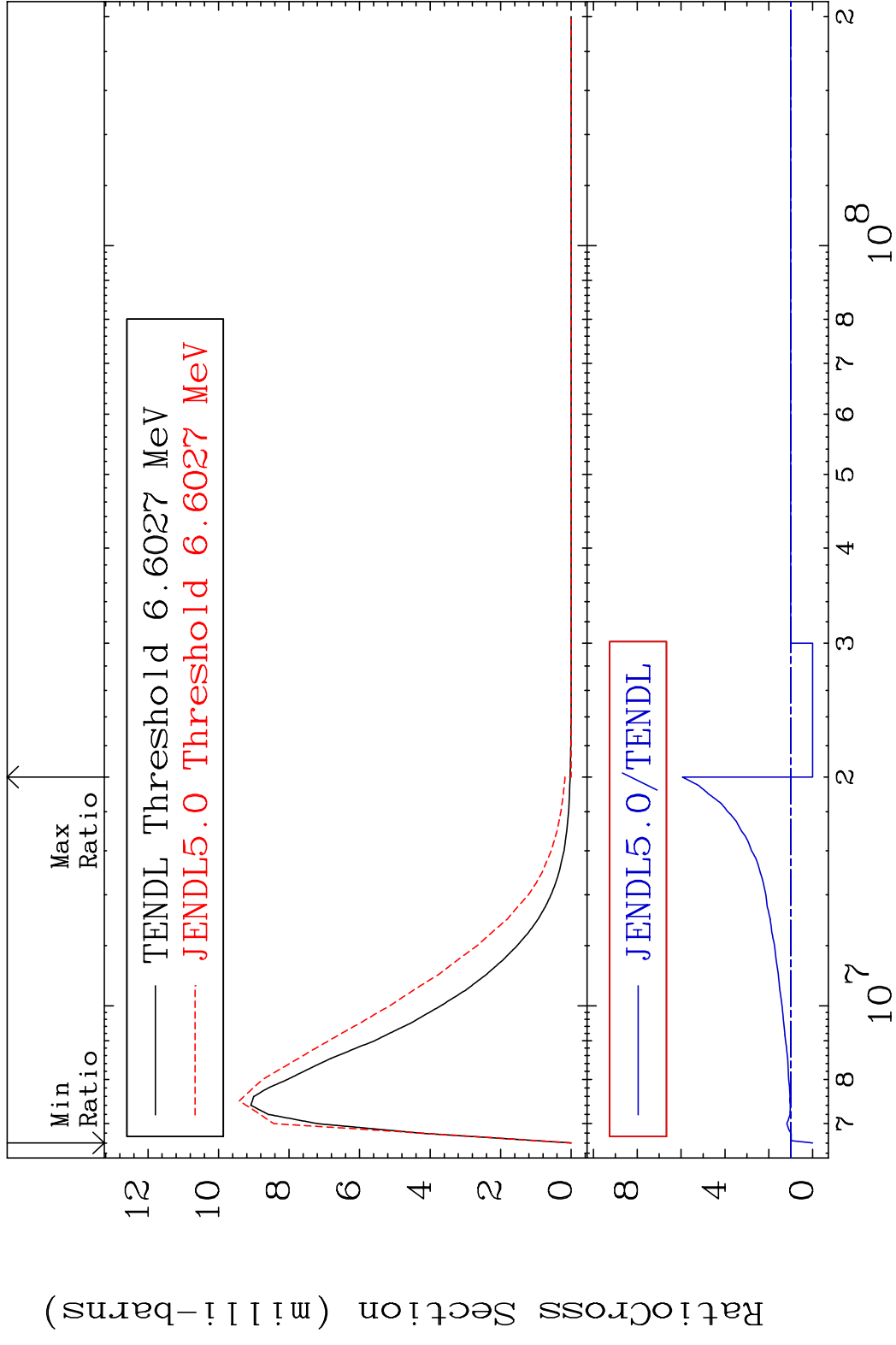
MAT 1428 MT= 66 (n,n') Level 14-Si-29
 Cross Section -100.0 To 170.5 %



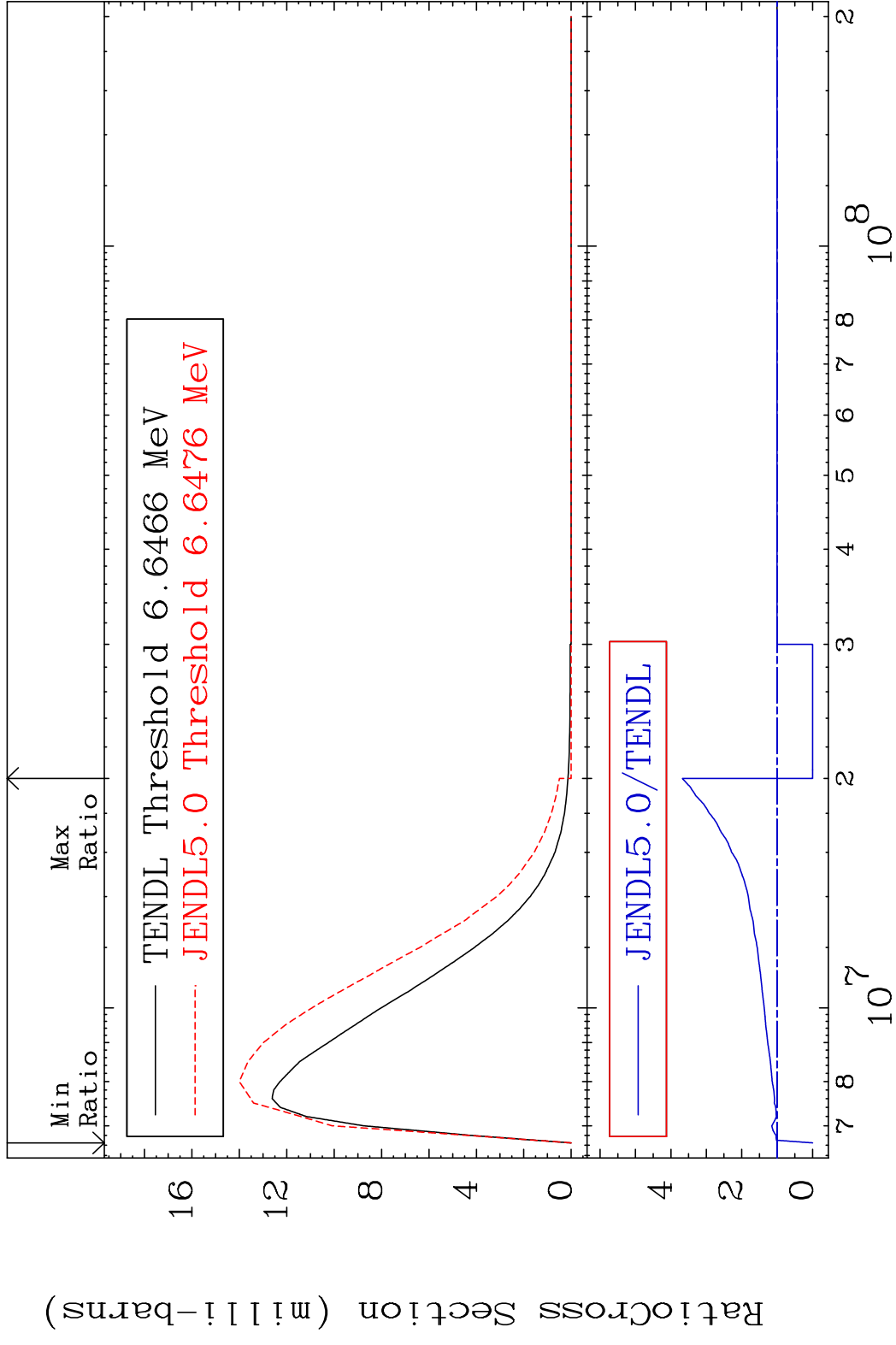
MAT 1428 MT= 67 (n,n') Level 14-Si-29
 Cross Section -100.0 To 412.8 %



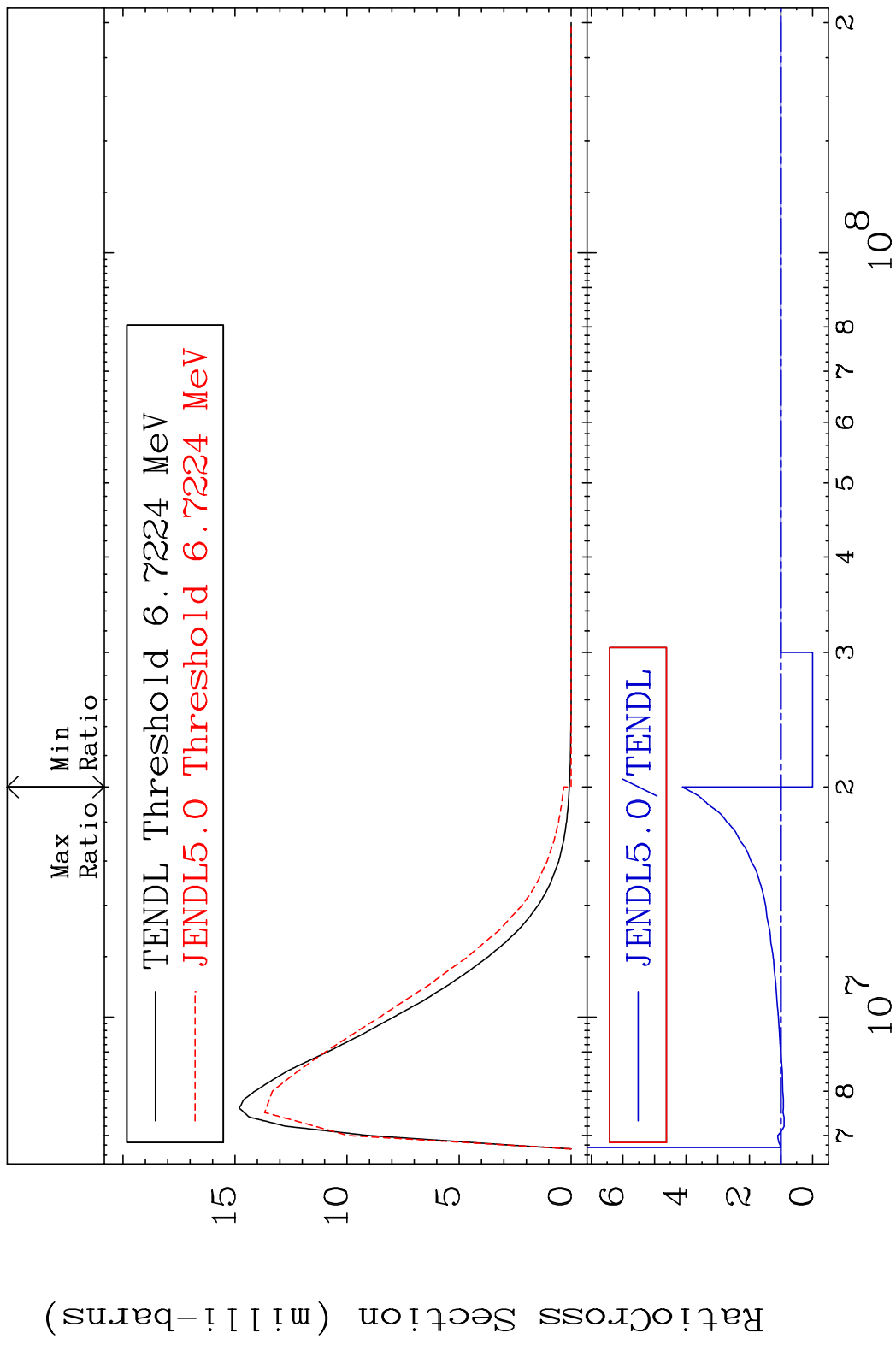
MAT 1428 MT= 68 (n,n') Level 14-Si-29
 Cross Section -100.0 To 494.4 %



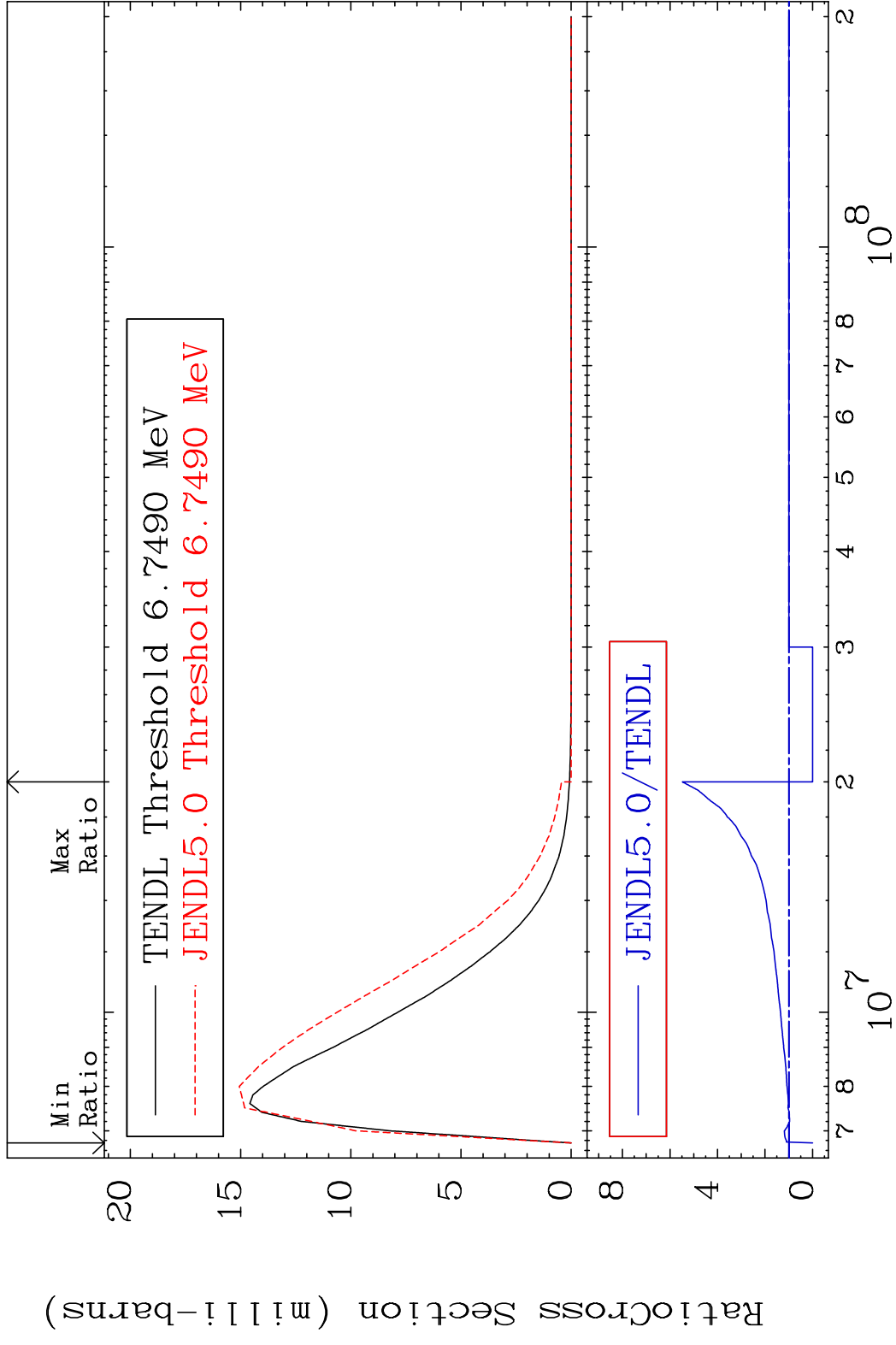
MAT 1428 MT= 69 (n, n') Level 14-Si-29
 Cross Section -100.0 To 267.6 %



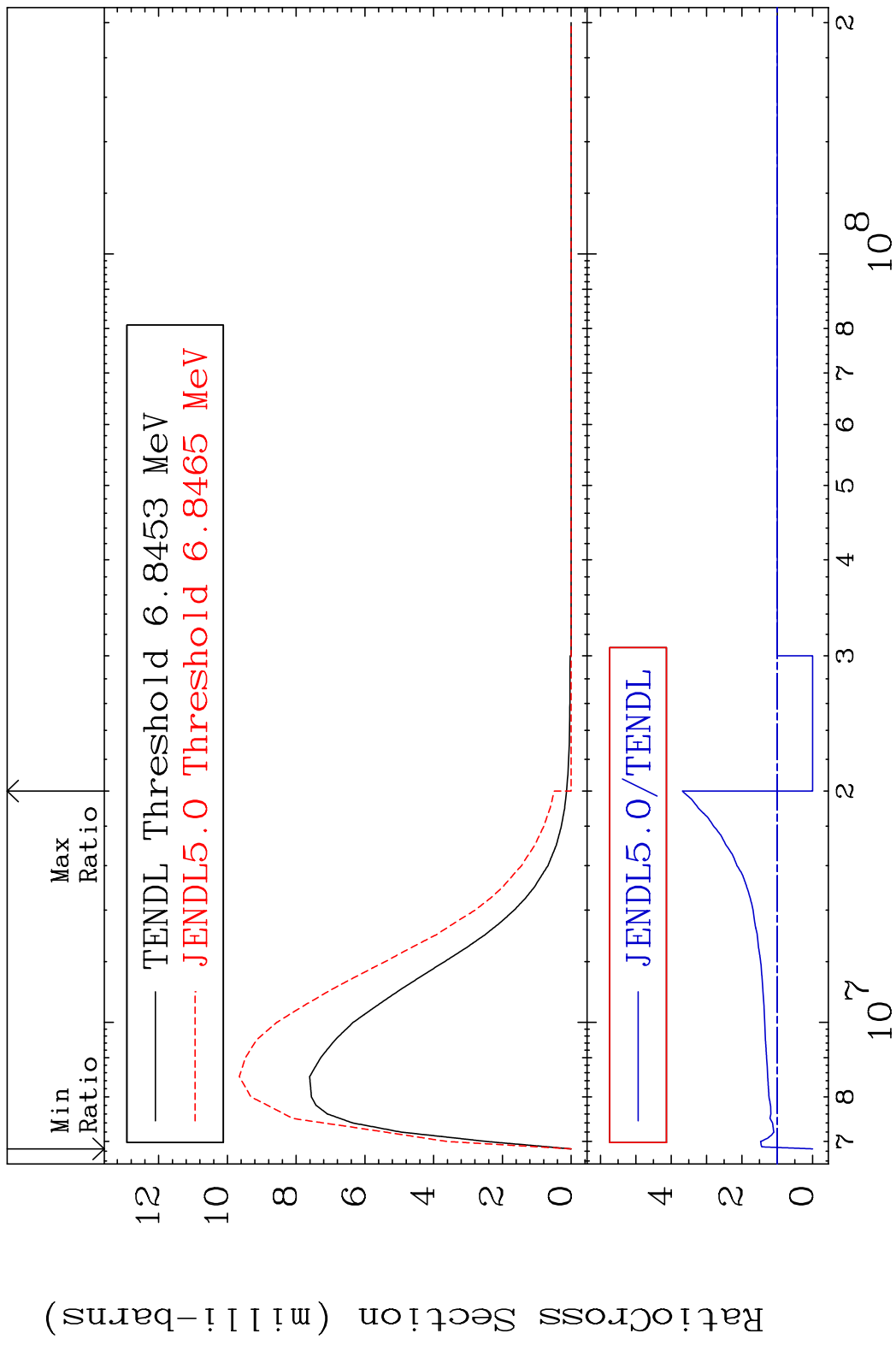
MAT 1428 MT= 70 (n,n') Level 14-Si-29
 Cross Section -100.0 To 312.0 %



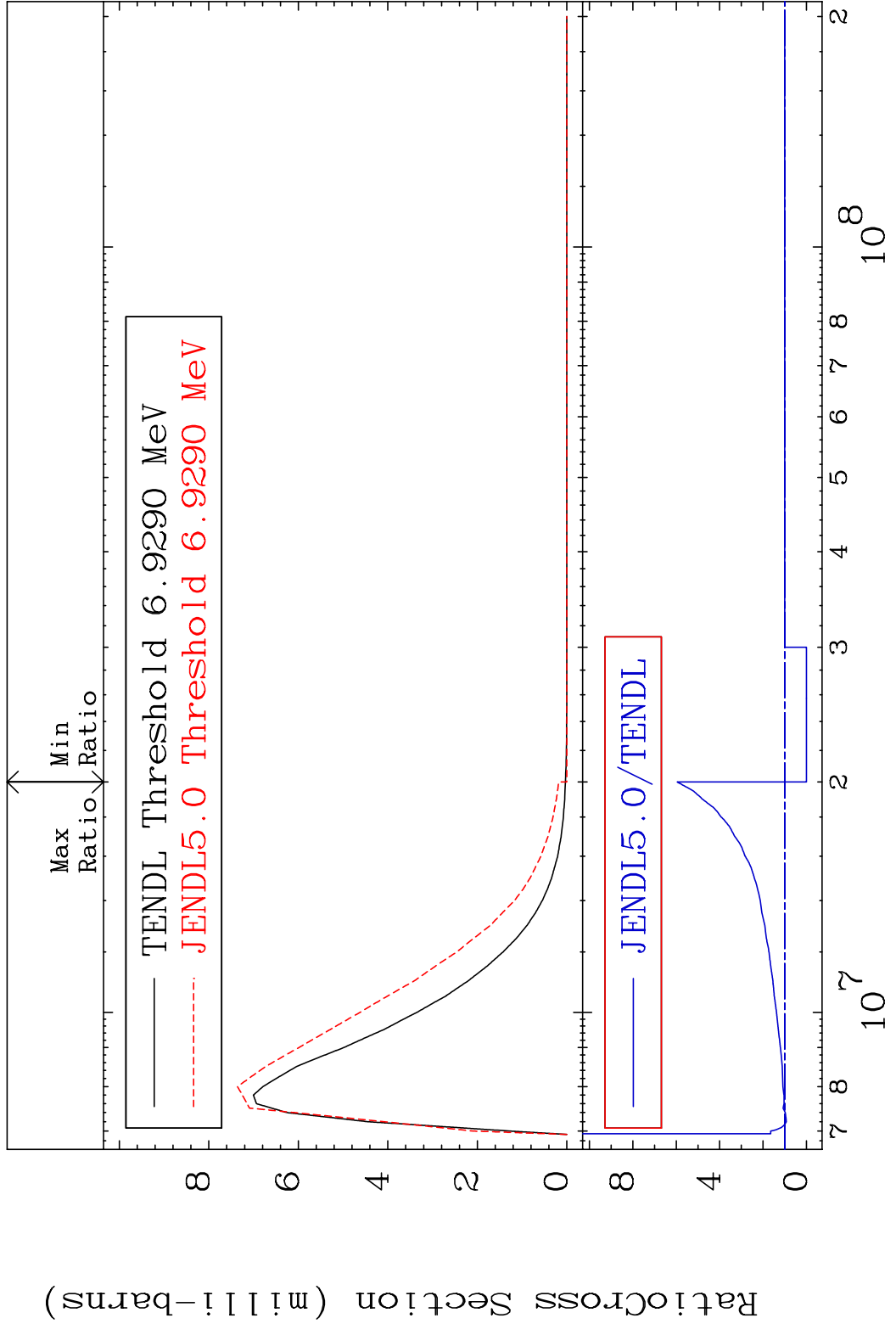
MAT 1428 MT= 71 (n,n') Level 14-Si-29
 Cross Section -100.0 To 448.0 %



MAT 1428 MT= 72 (n, n') Level 14-Si-29
 Cross Section -100.0 To 268.4 %

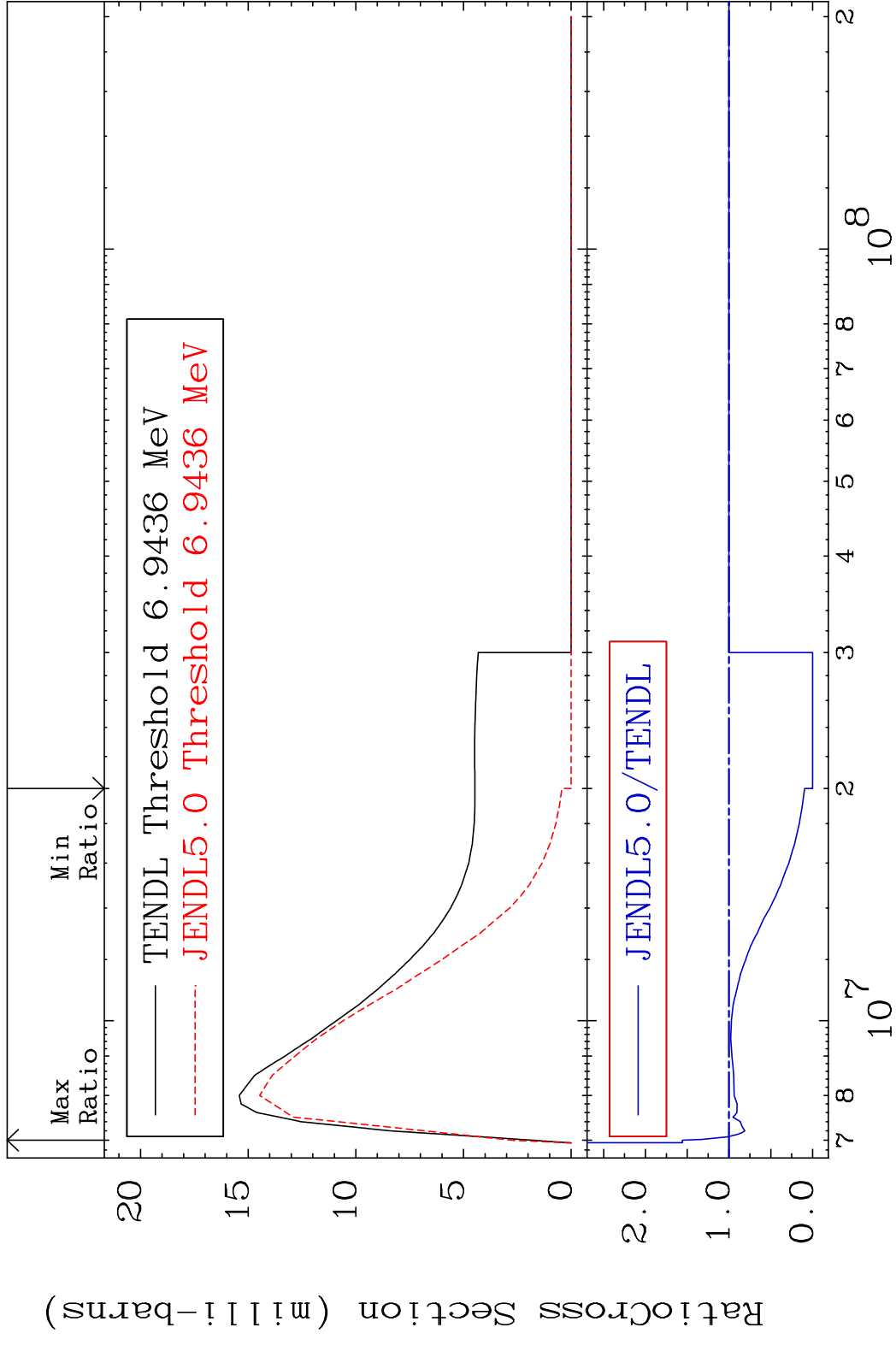


MAT 1428 MT= 73 (n,n') Level 14-Si-29
 Cross Section -100.0 To 495.6 %

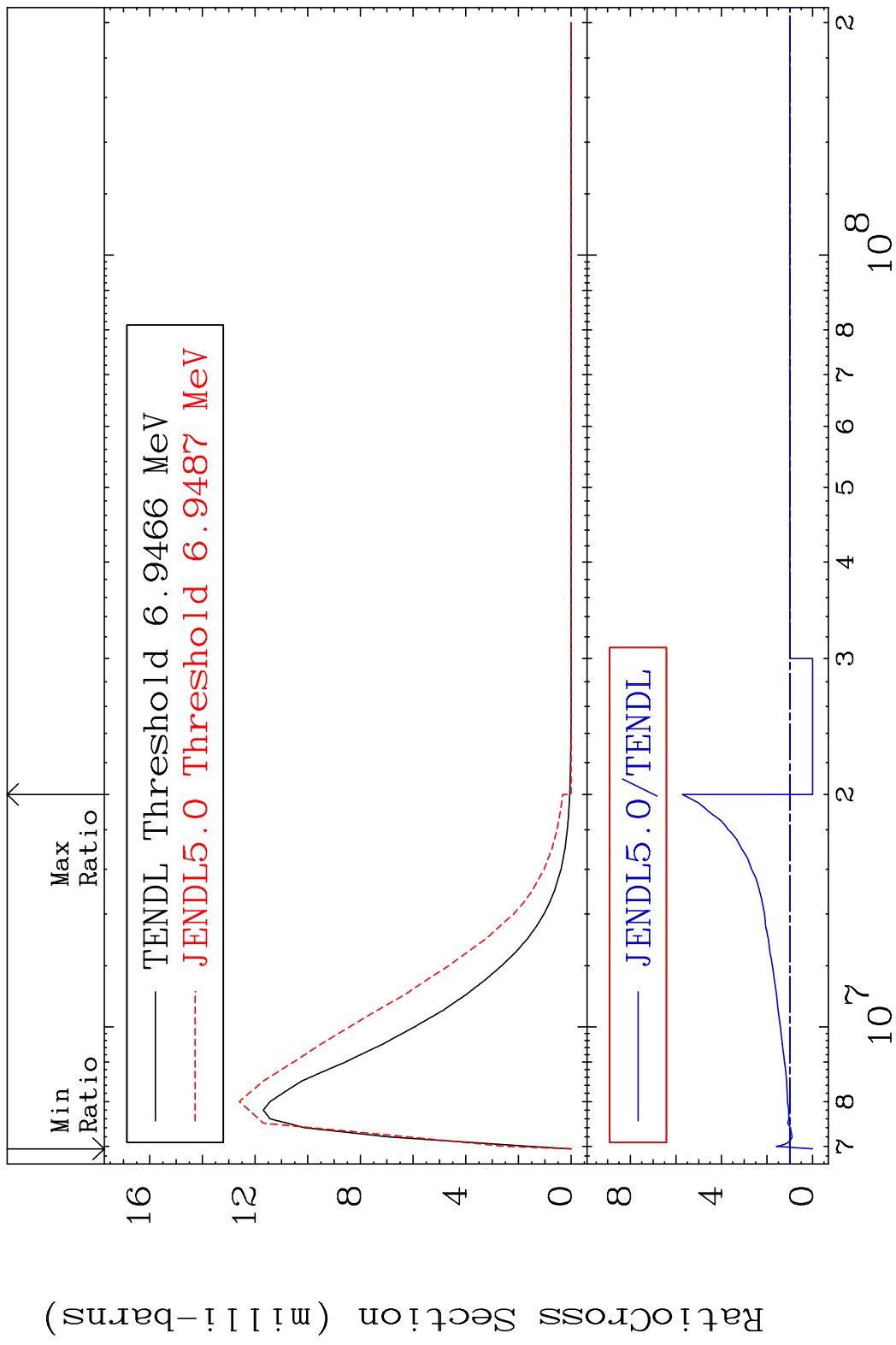


30 Incident Energy (eV) 14-Si-29

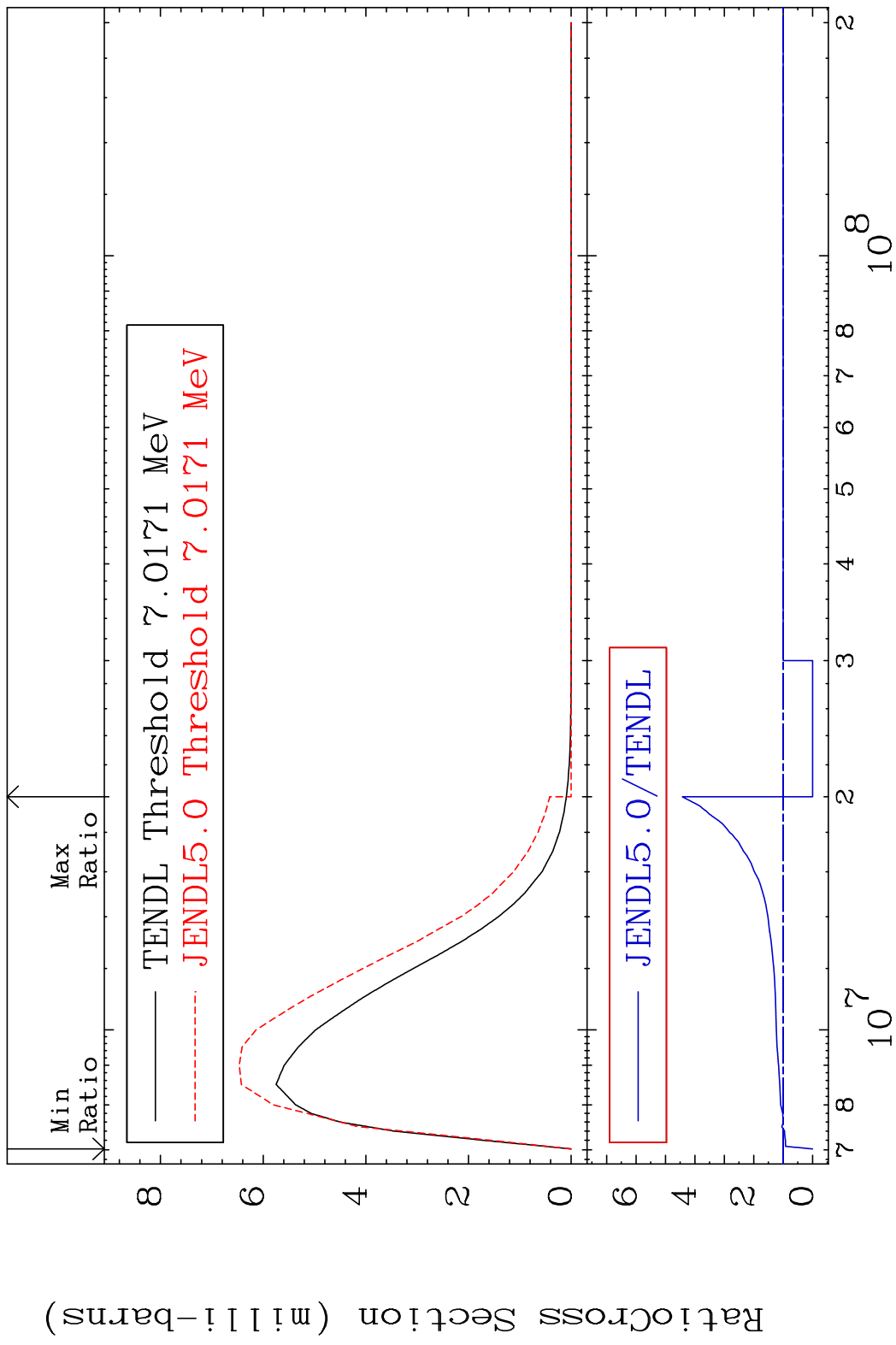
MAT 1428 MT= 74 (n,n') Level 14-Si-29
 Cross Section -100.0 To 55.81 %



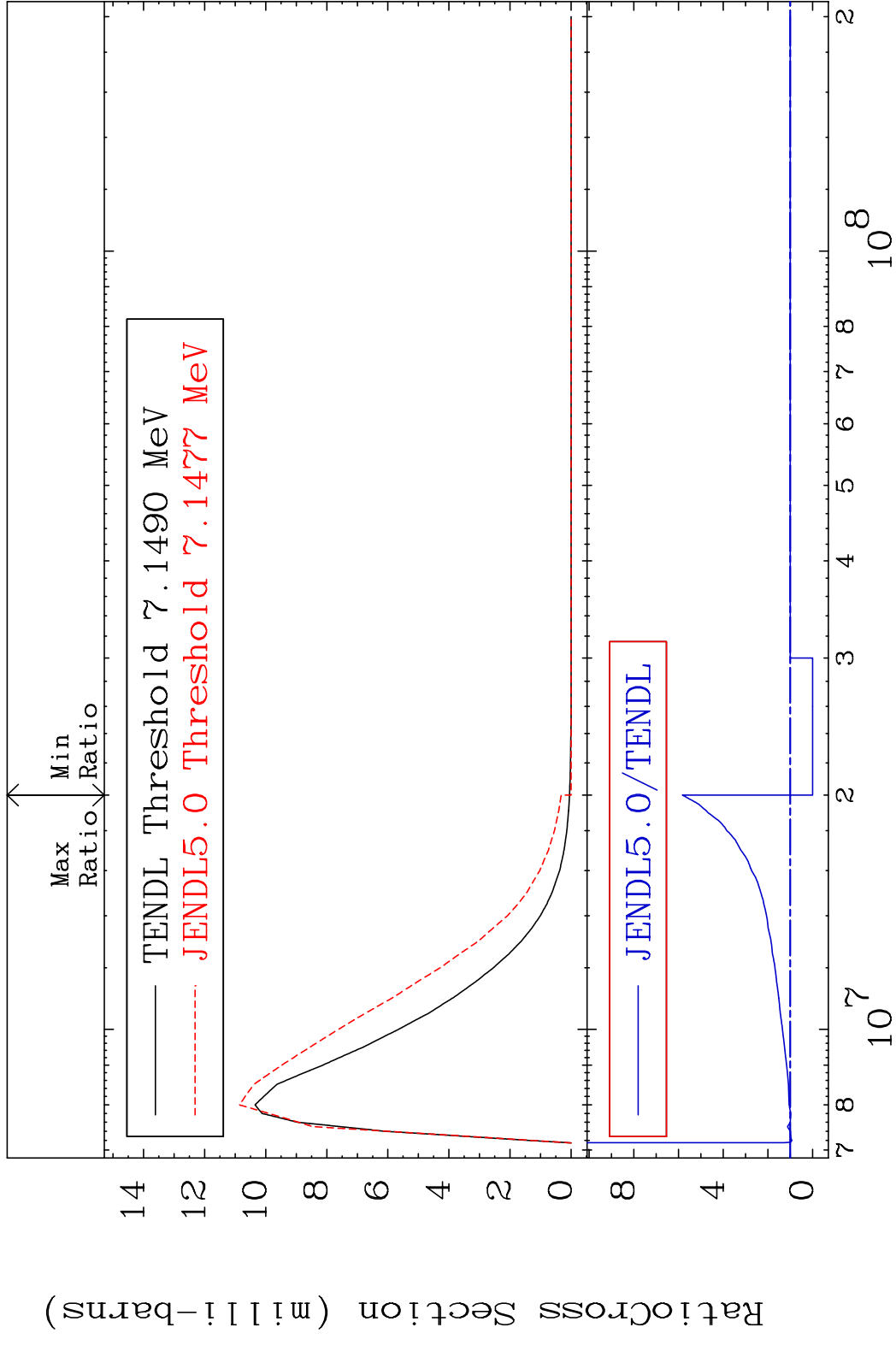
MAT 1428 MT= 75 (n,n') Level 14-Si-29
 Cross Section -100.0 To 471.8 %



MAT 1428 MT= 76 (n,n') Level 14-Si-29
 Cross Section -100.0 To 342.7 %

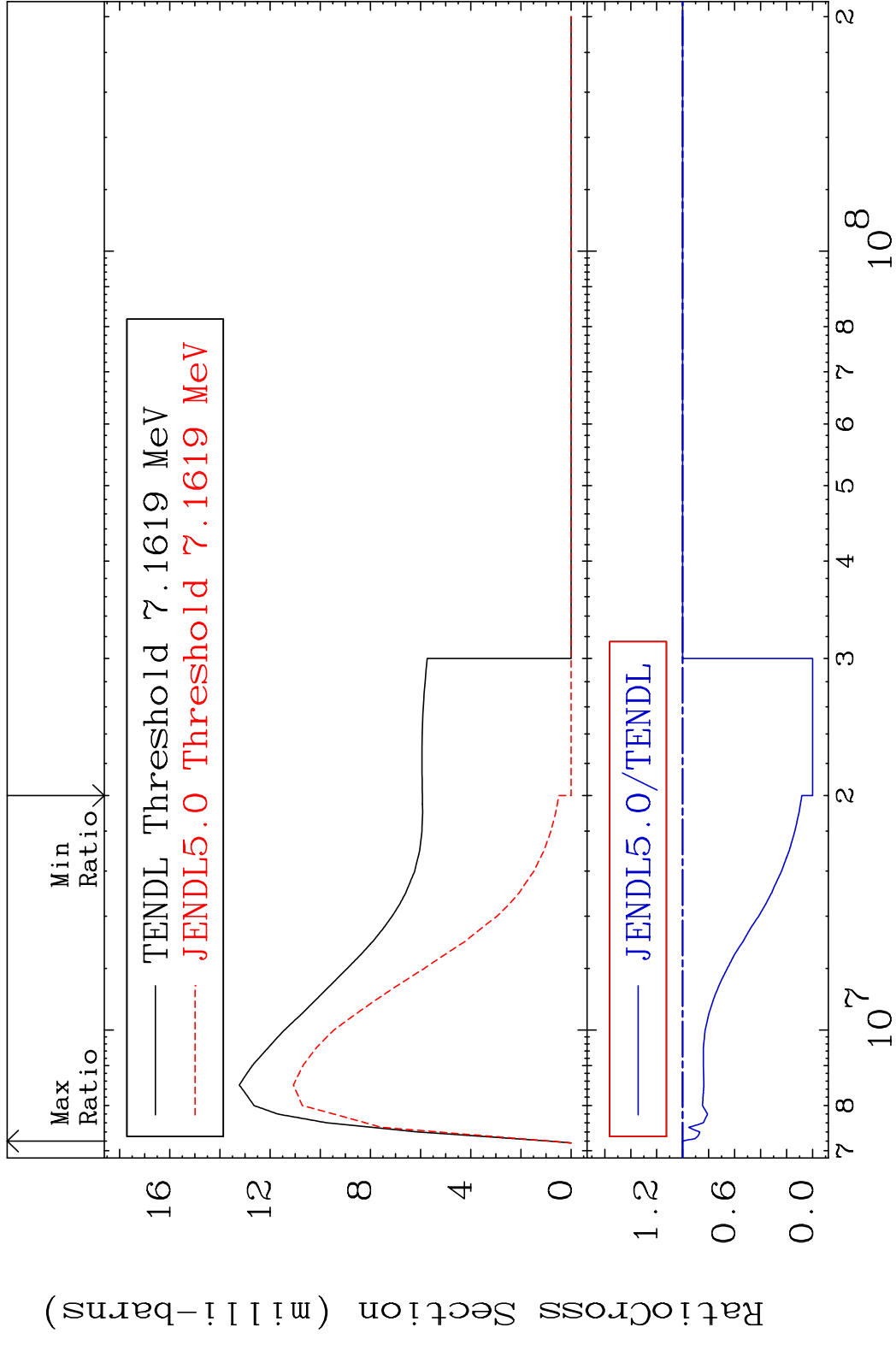


MAT 1428 MT= 77 (n,n') Level 14-Si-29
 Cross Section -100.0 To 483.0 %

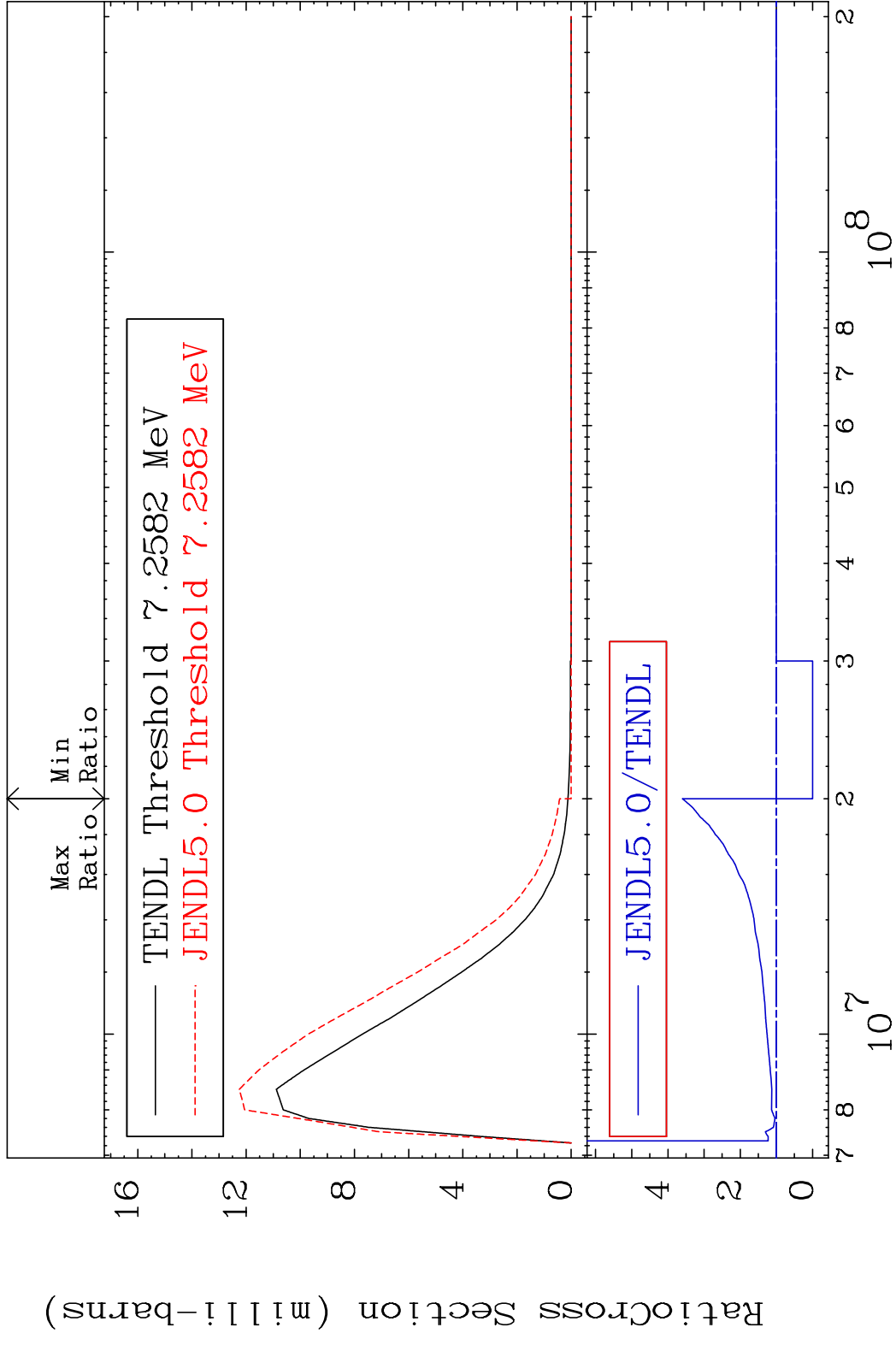


34 Incident Energy (eV) 14-Si-29

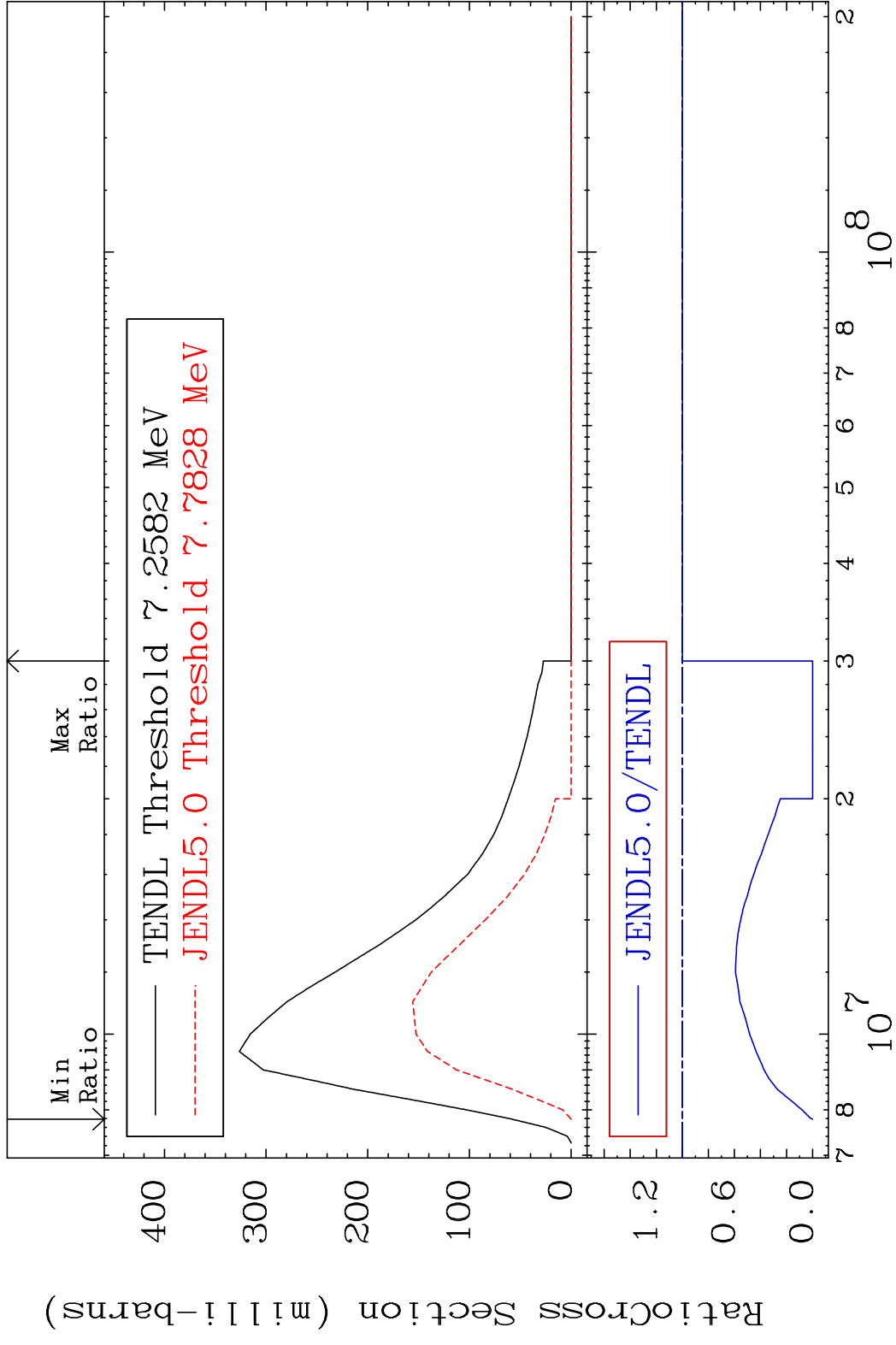
MAT 1428 MT= 78 (n, n') Level 14-Si-29
 Cross Section -100.0 To 0.264 %



MAT 1428 MT= 79 (n,n') Level 14-Si-29
 Cross Section -100.0 To 260.1 %



MAT 1428 (n,n') Continuum 14-Si-29
 Cross Section -100.0 To 0.000 %



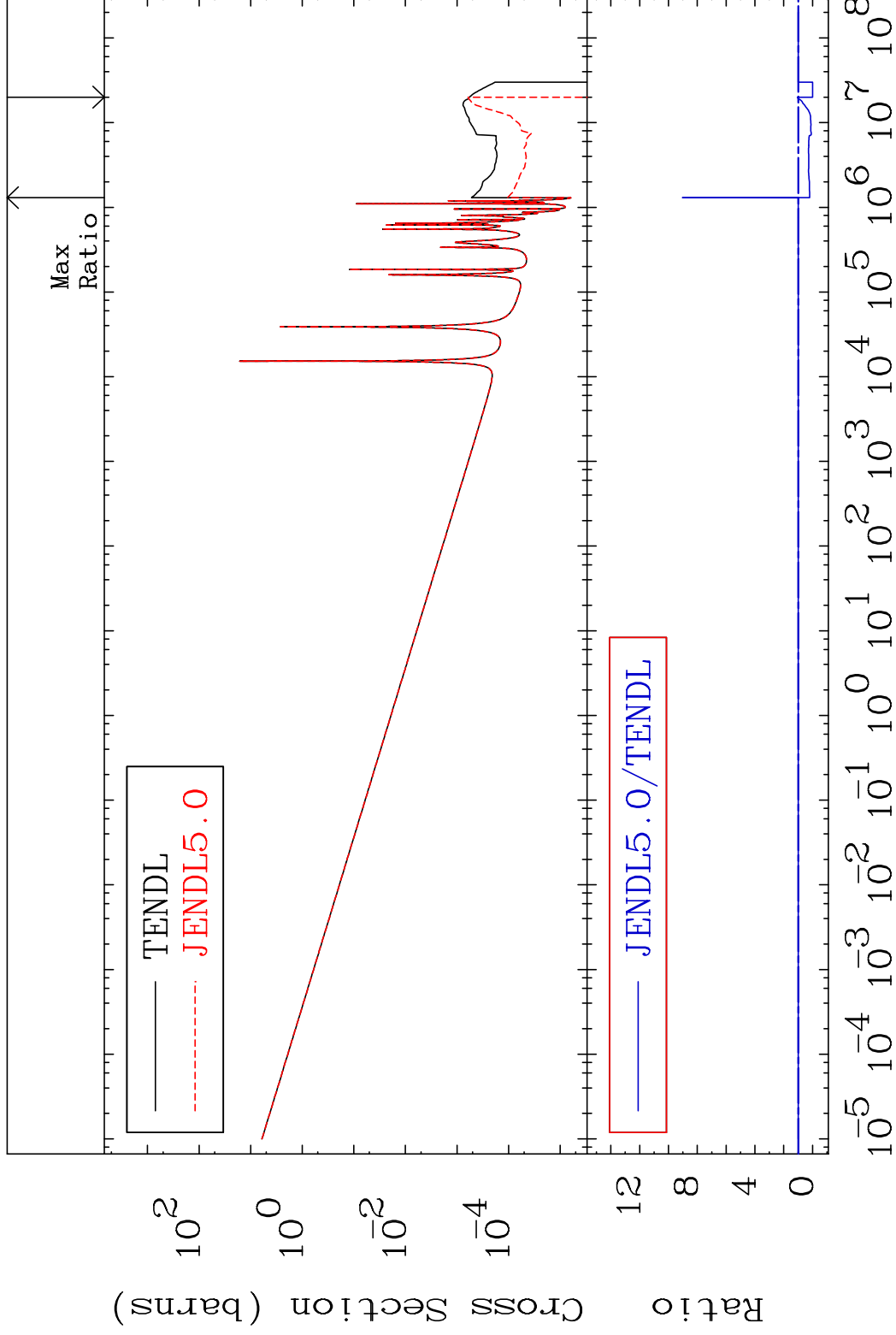
MAT 1428

(n, γ)

14-Si-29

Cross Section

-100.0 To 803.7 %

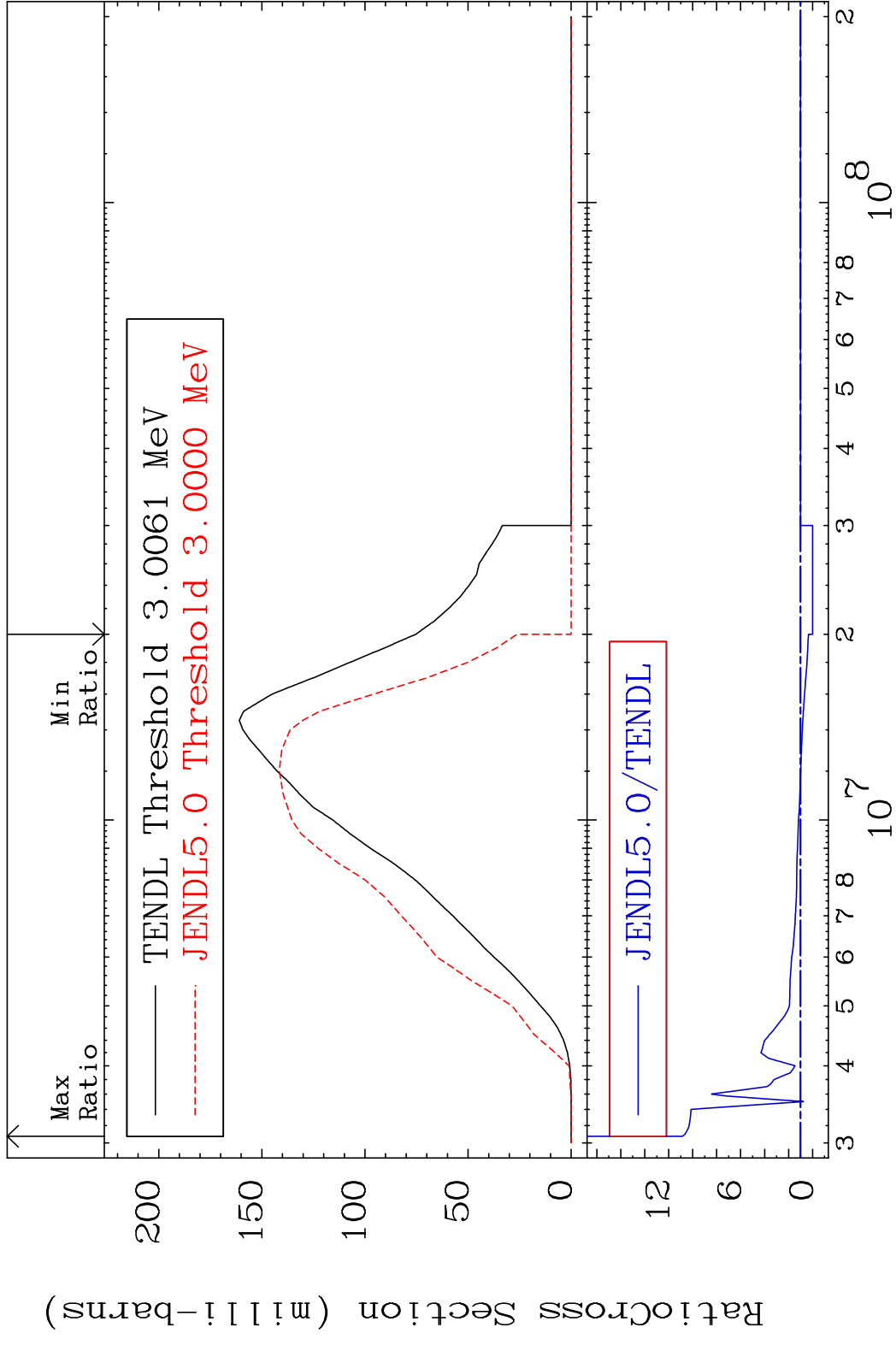


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Incident Energy (eV)

14-Si-29

MAT 1428 (n,p) ¹⁴Si-29
 Cross Section -100.0 To 986.3 %



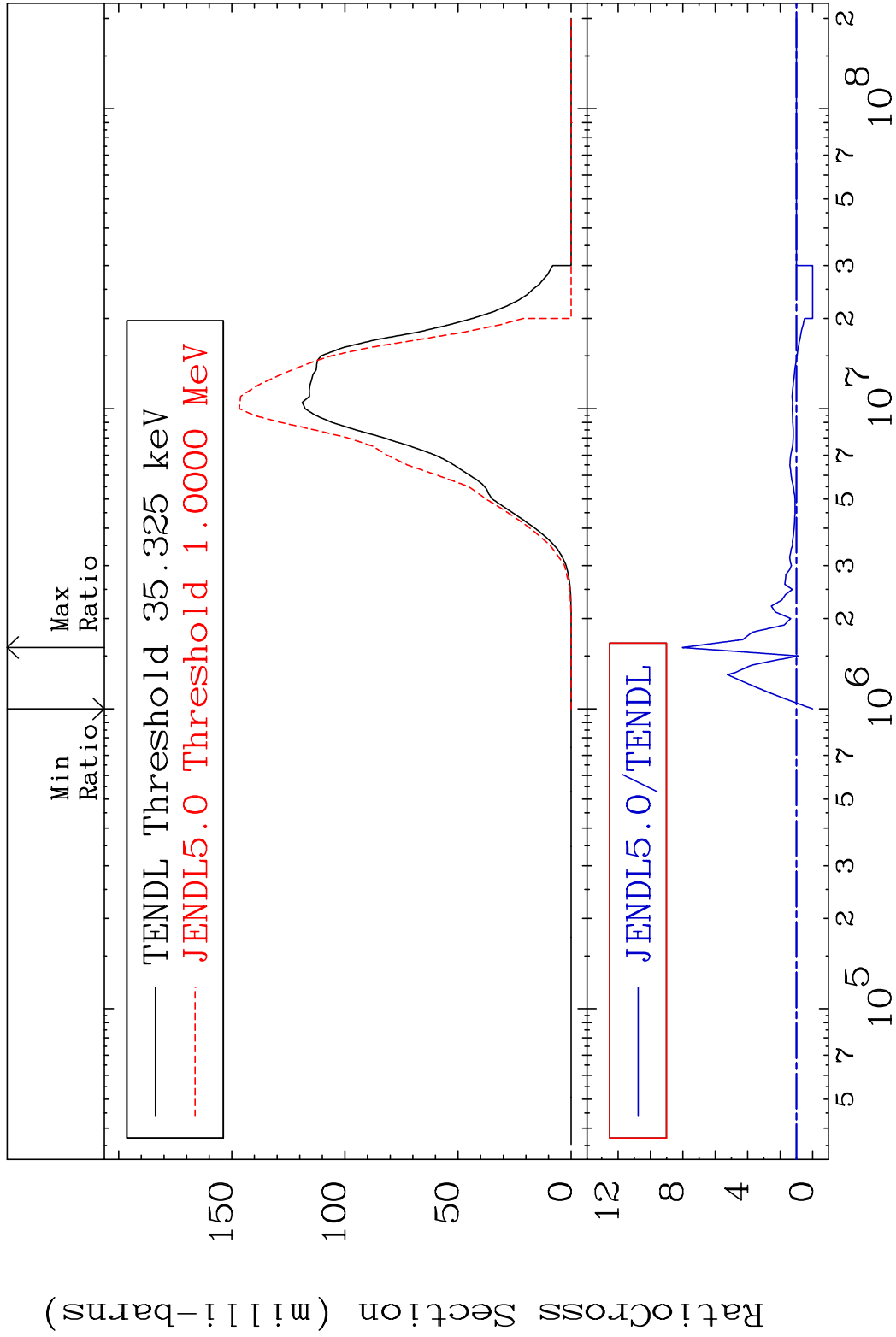
39 14-Si-29

MAT 1428

(n, α)

¹⁴Si-29

Cross Section -100.0 To 702.9 %



40

Incident Energy (eV)

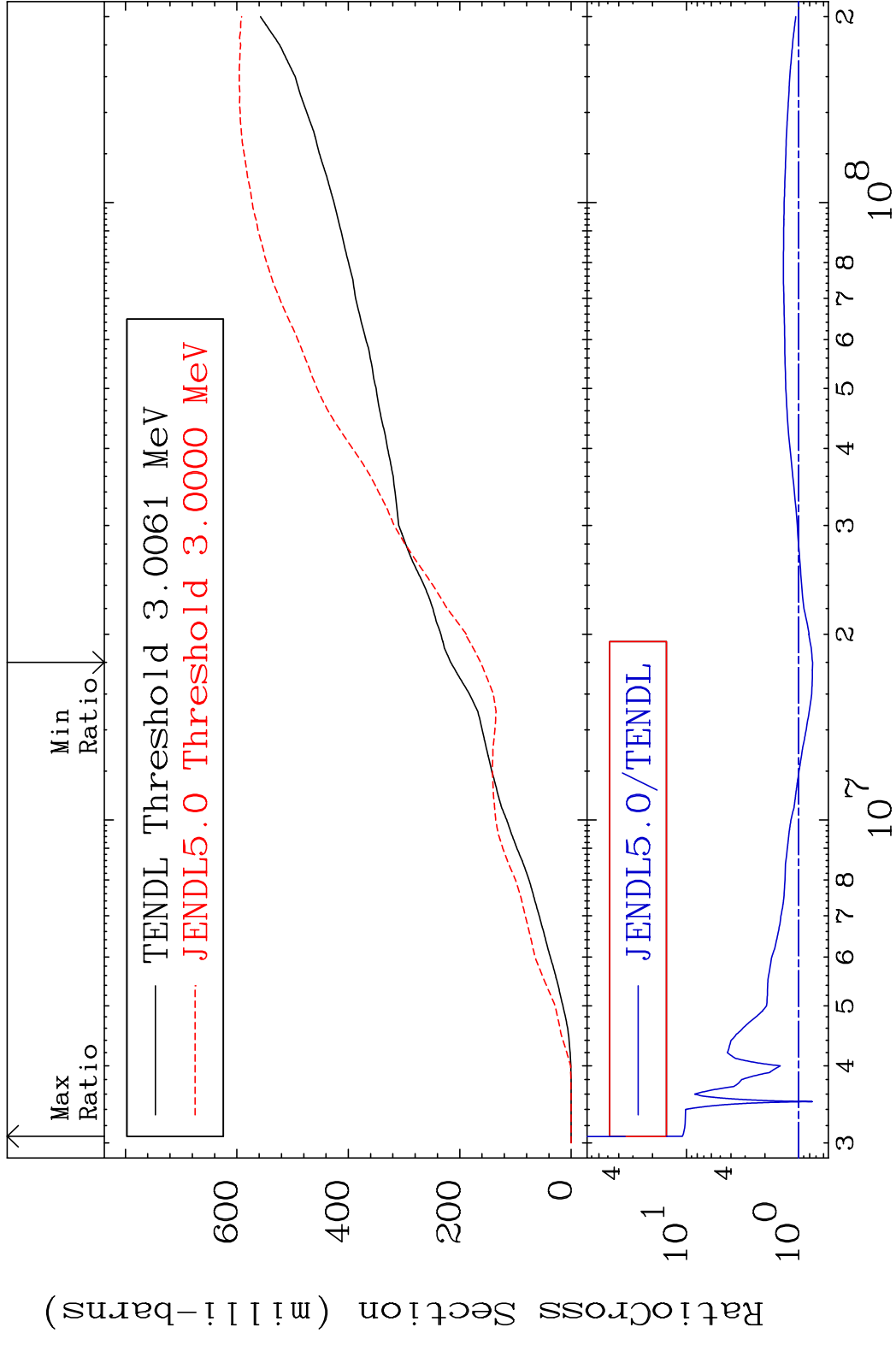
¹⁴Si-29

MAT 1428

Hydrogen Production

14-Si-29

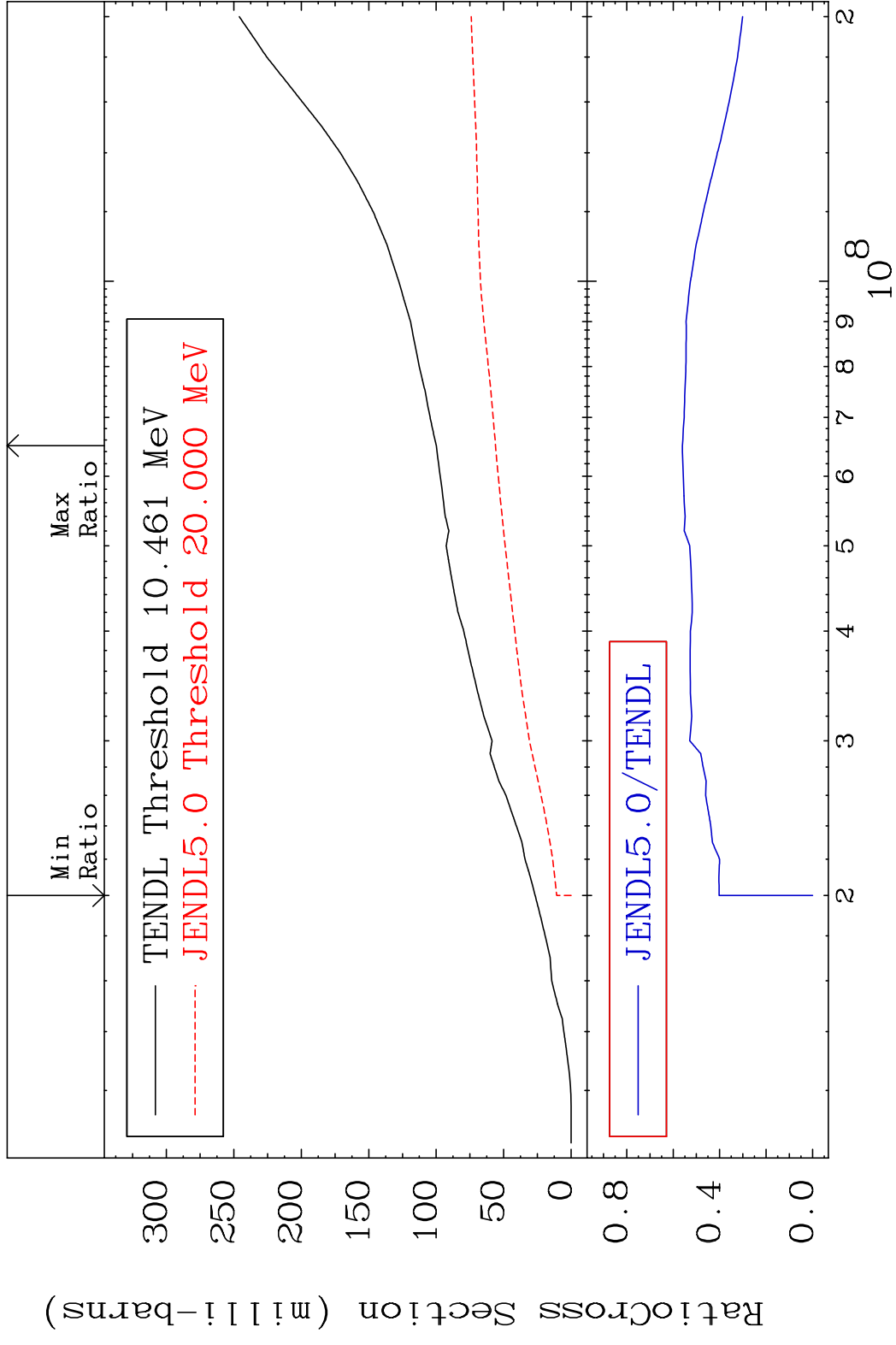
Cross Section -24.82 To 986.3 %



41

Incident Energy (eV)

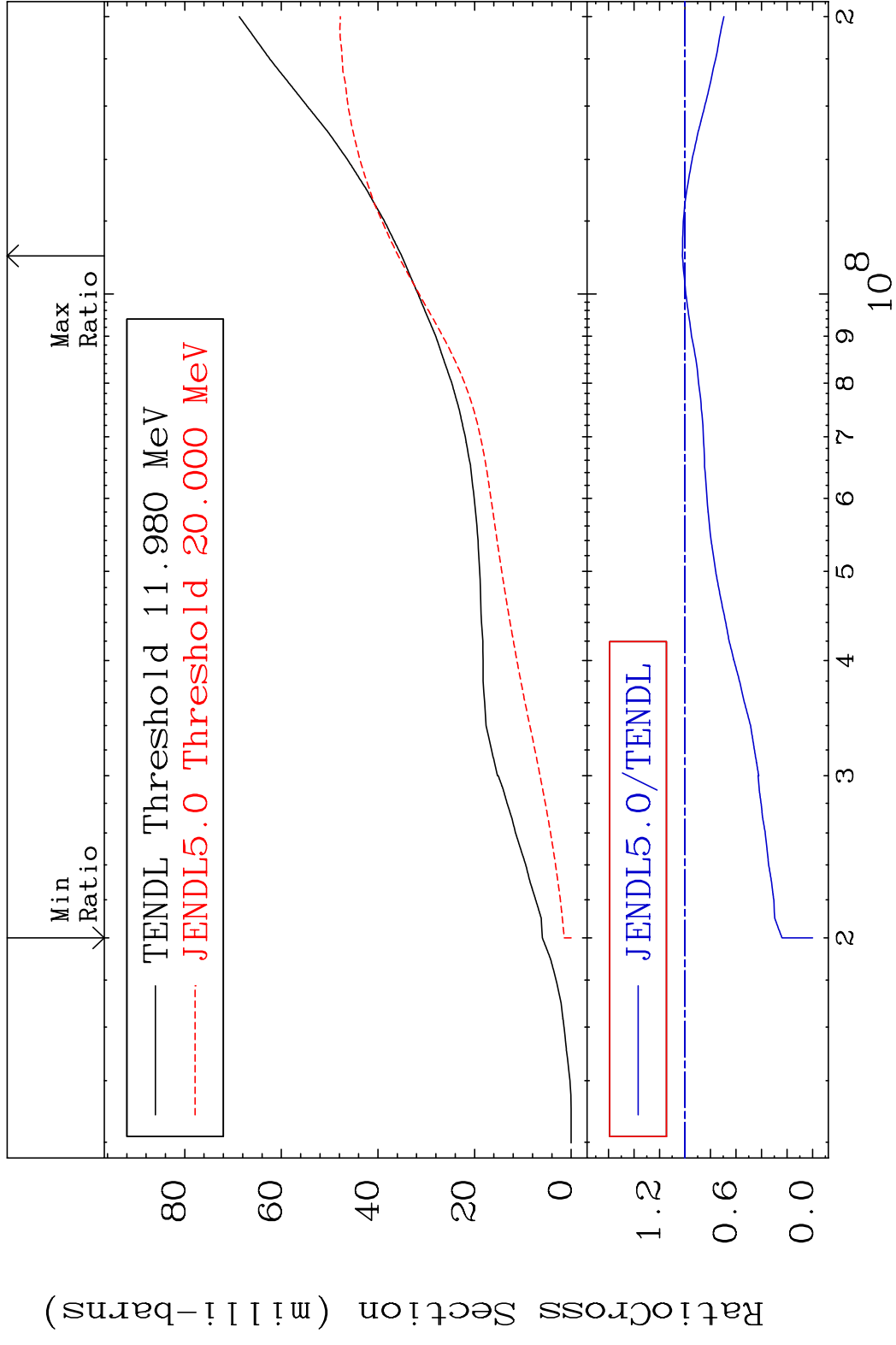
14-Si-29



MAT 1428

Tritium Production
Cross Section -100.0 To 2.063 %

14-Si-29



43

Incident Energy (eV)

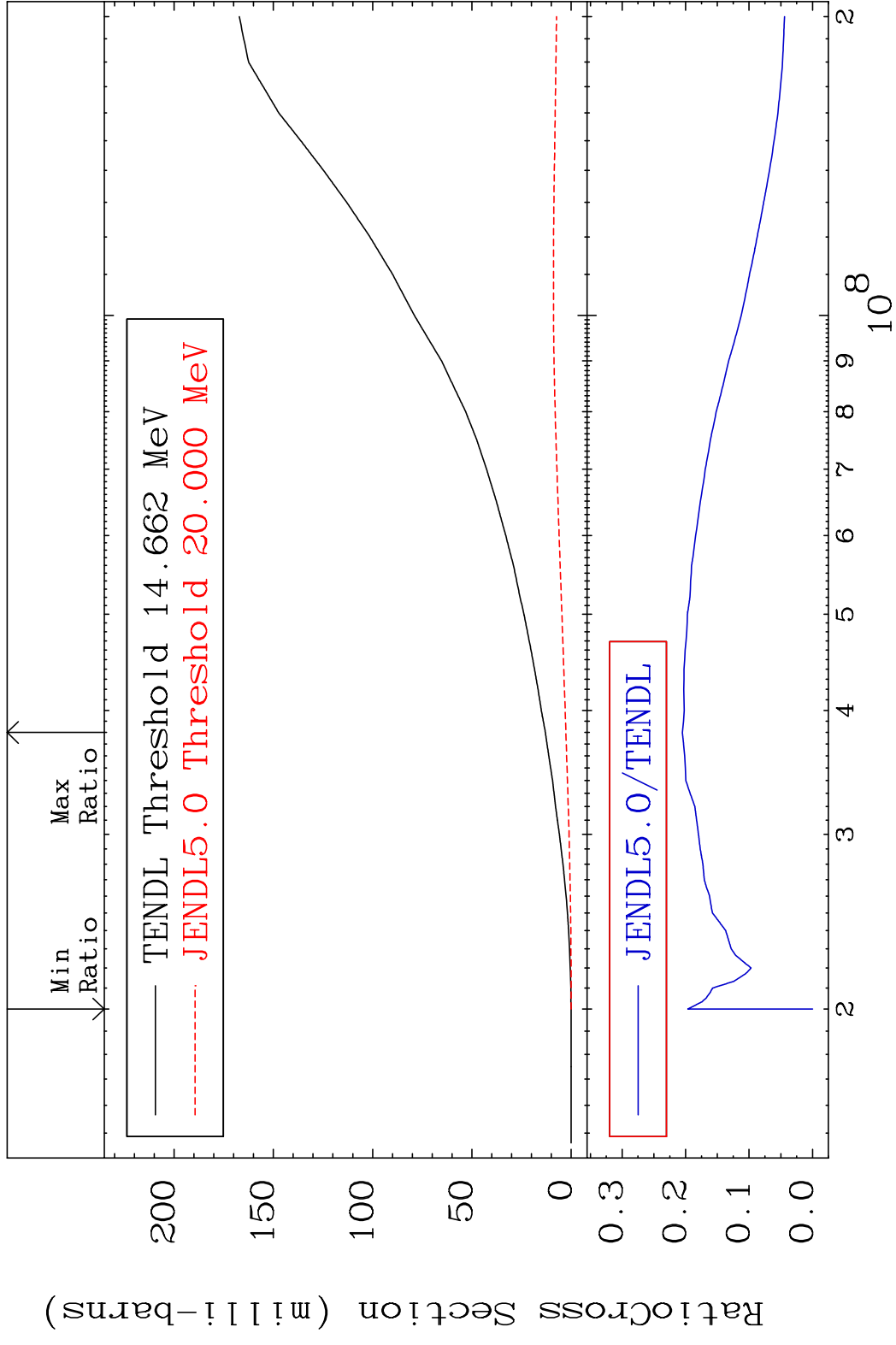
14-Si-29

MAT 1428

He-3 Production

14-Si-29

Cross Section -100.0 To -79.48%



44

Incident Energy (eV)

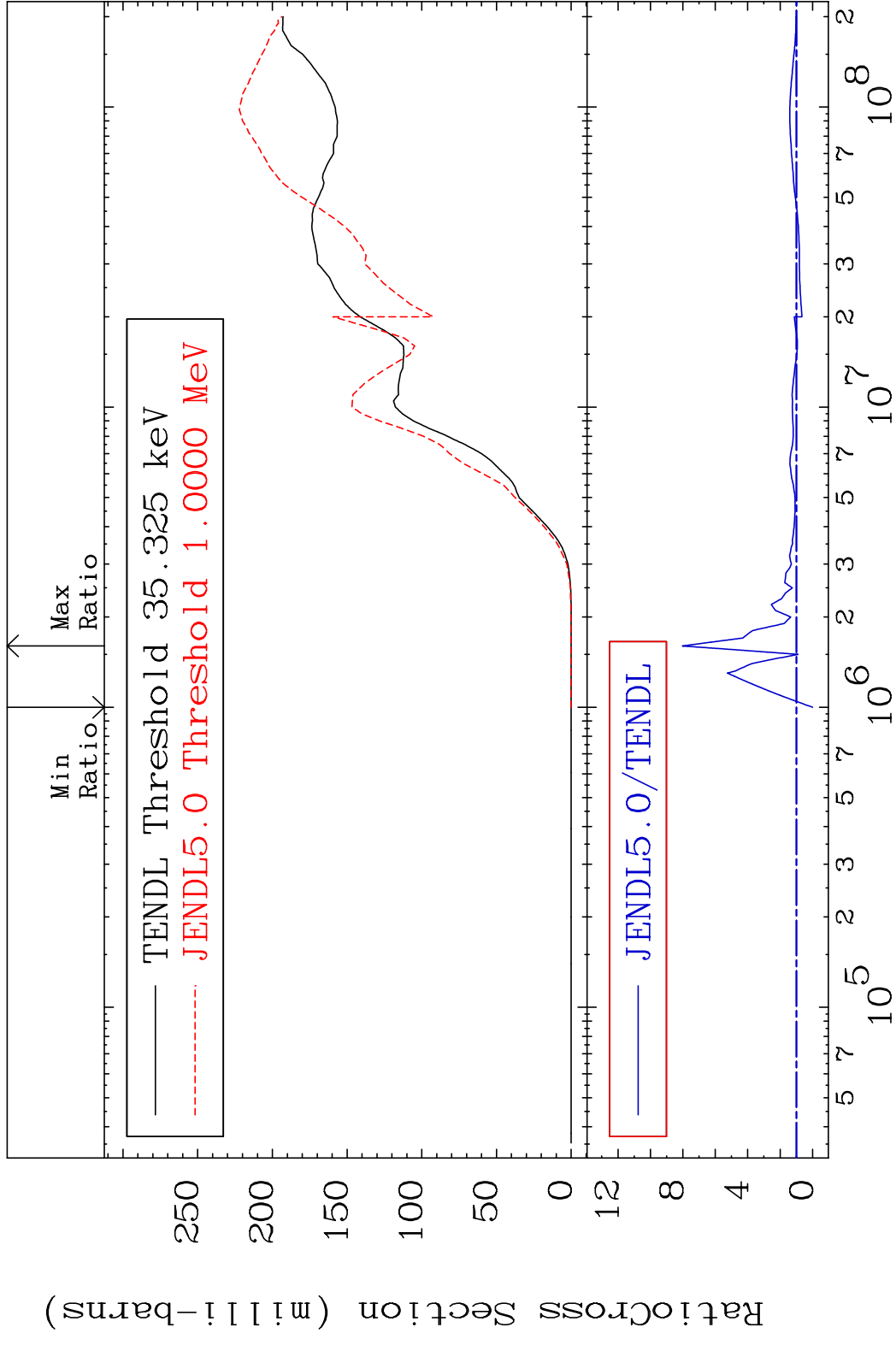
14-Si-29

MAT 1428

He-4 Production

¹⁴Si-29

Cross Section -100.0 To 702.9 %



45

Incident Energy (eV)

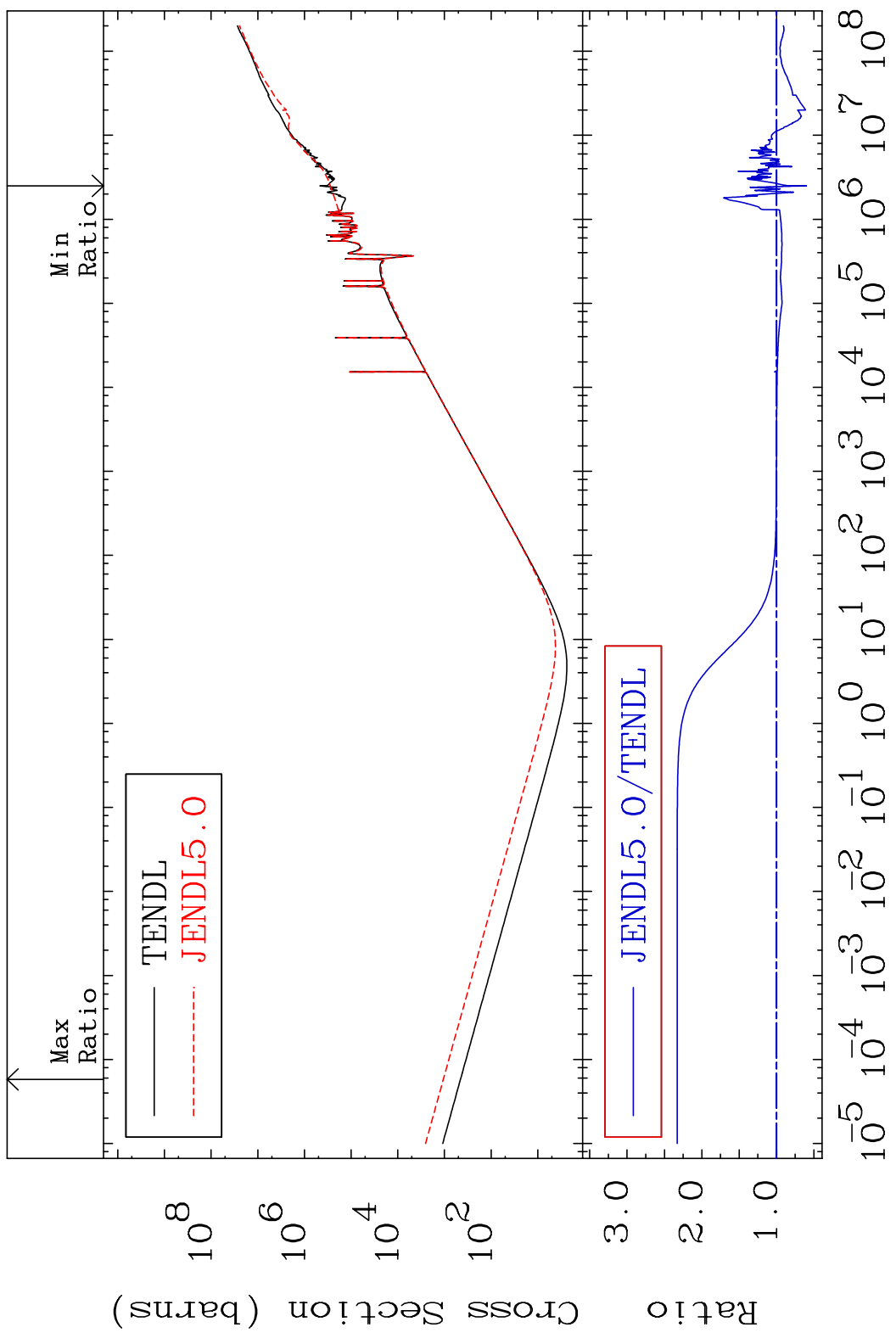
¹⁴Si-29

MAT 1428

Kerma total (eV-barns)

14-Si-29

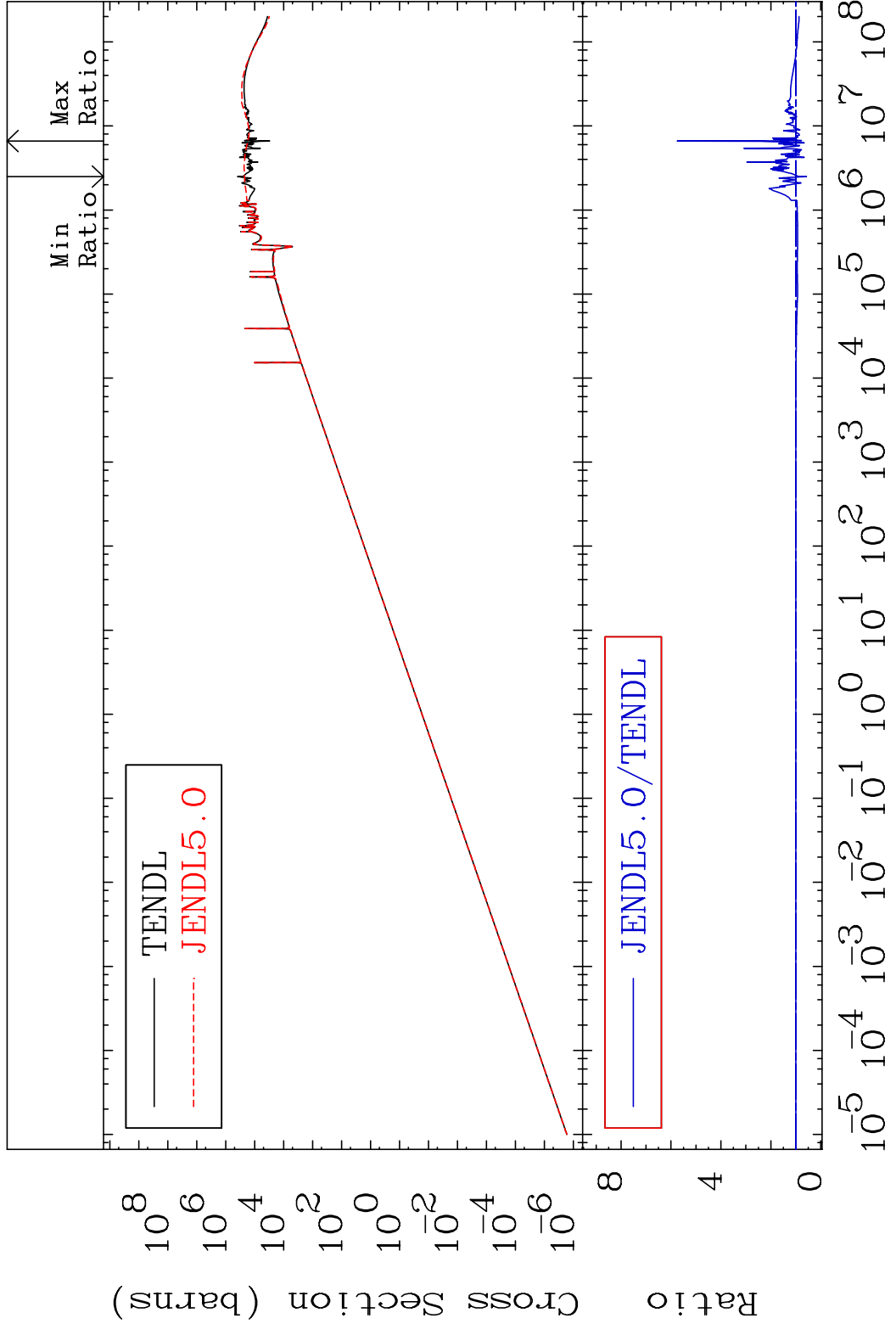
Cross Section -40.02 To 132.9 %



MAT 1428

Kerma elastic
Cross Section

14-Si-29
-42.32 To 475.2 %

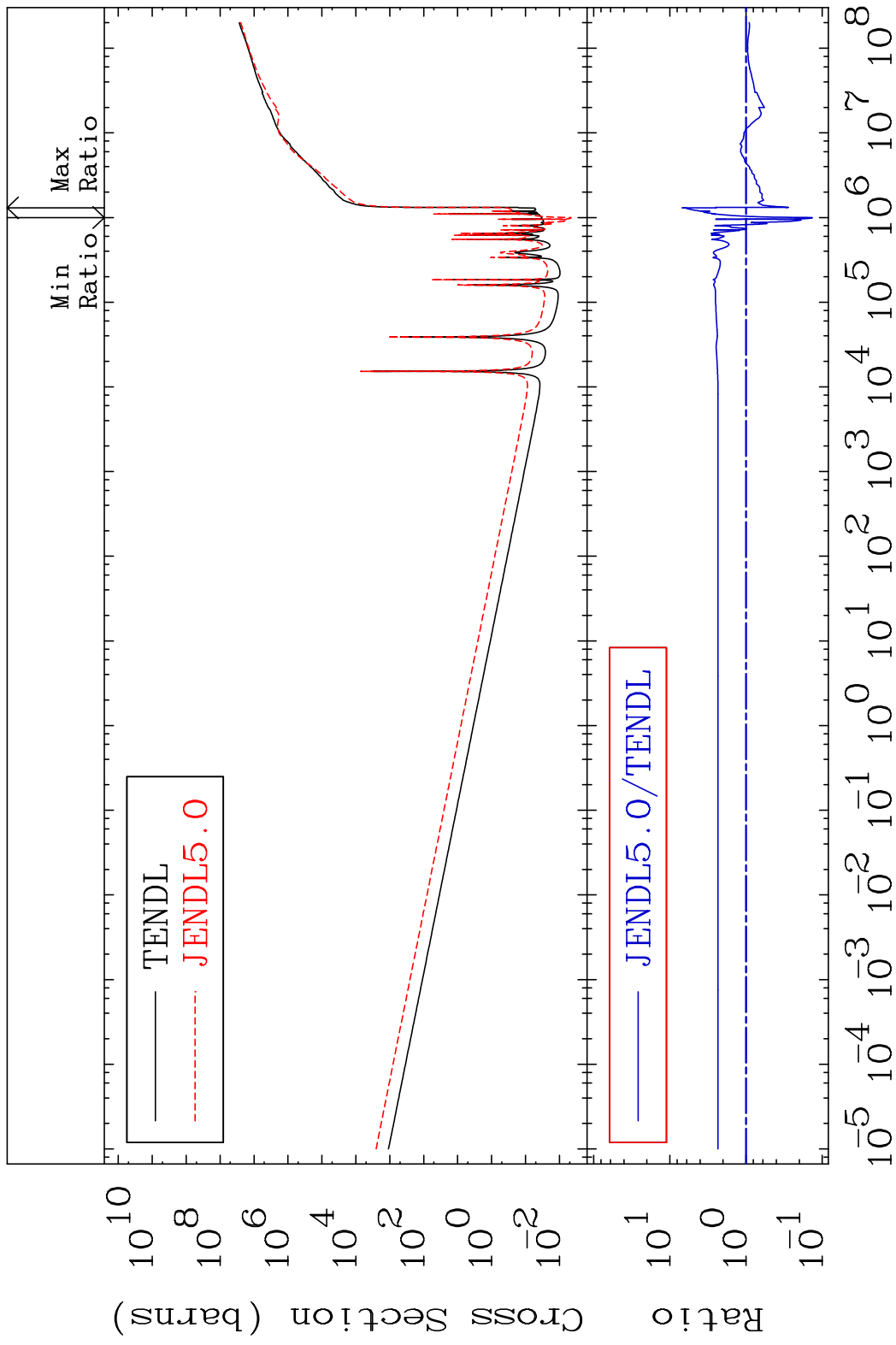


47

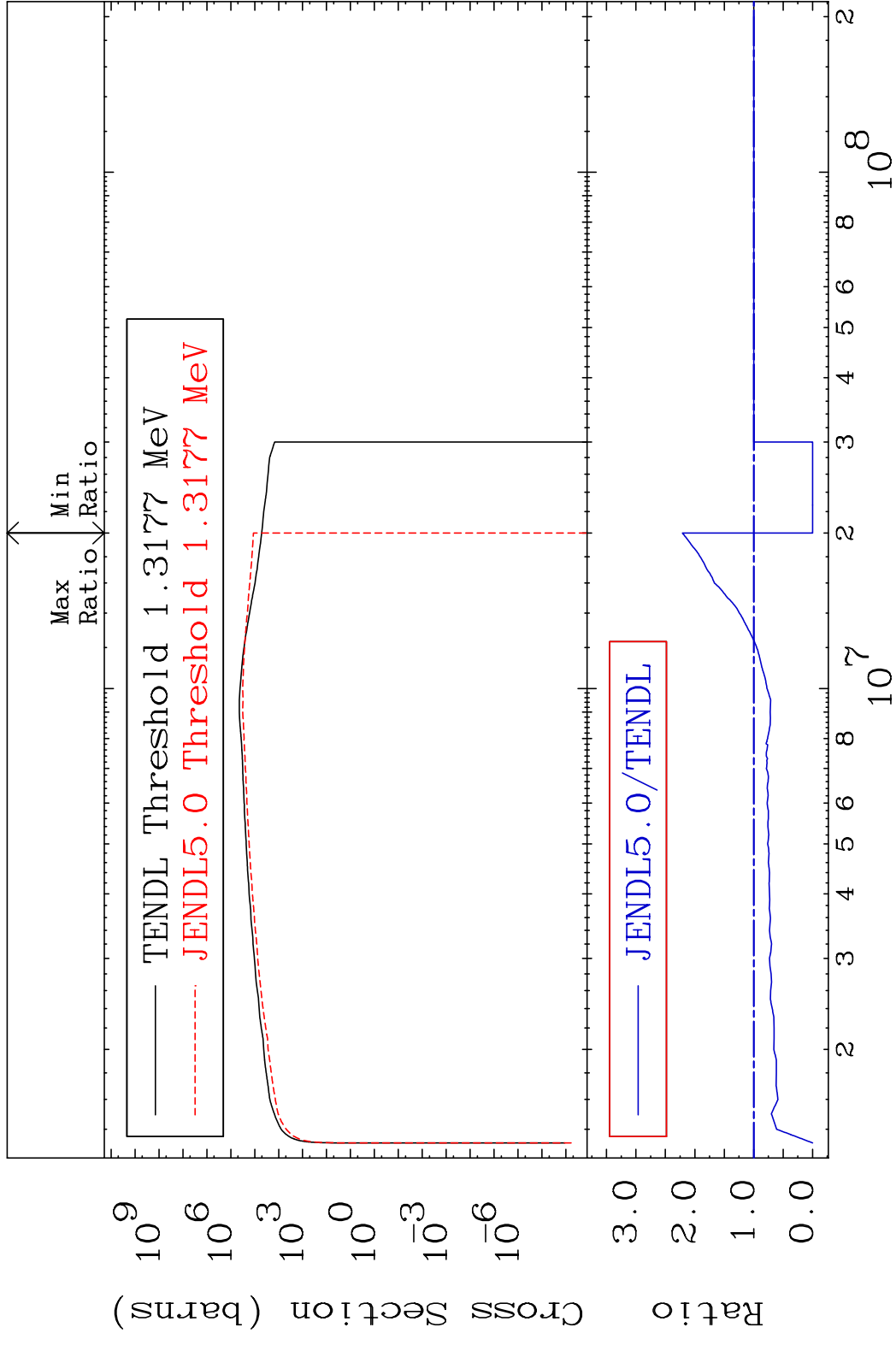
Incident Energy (eV)

14-Si-29

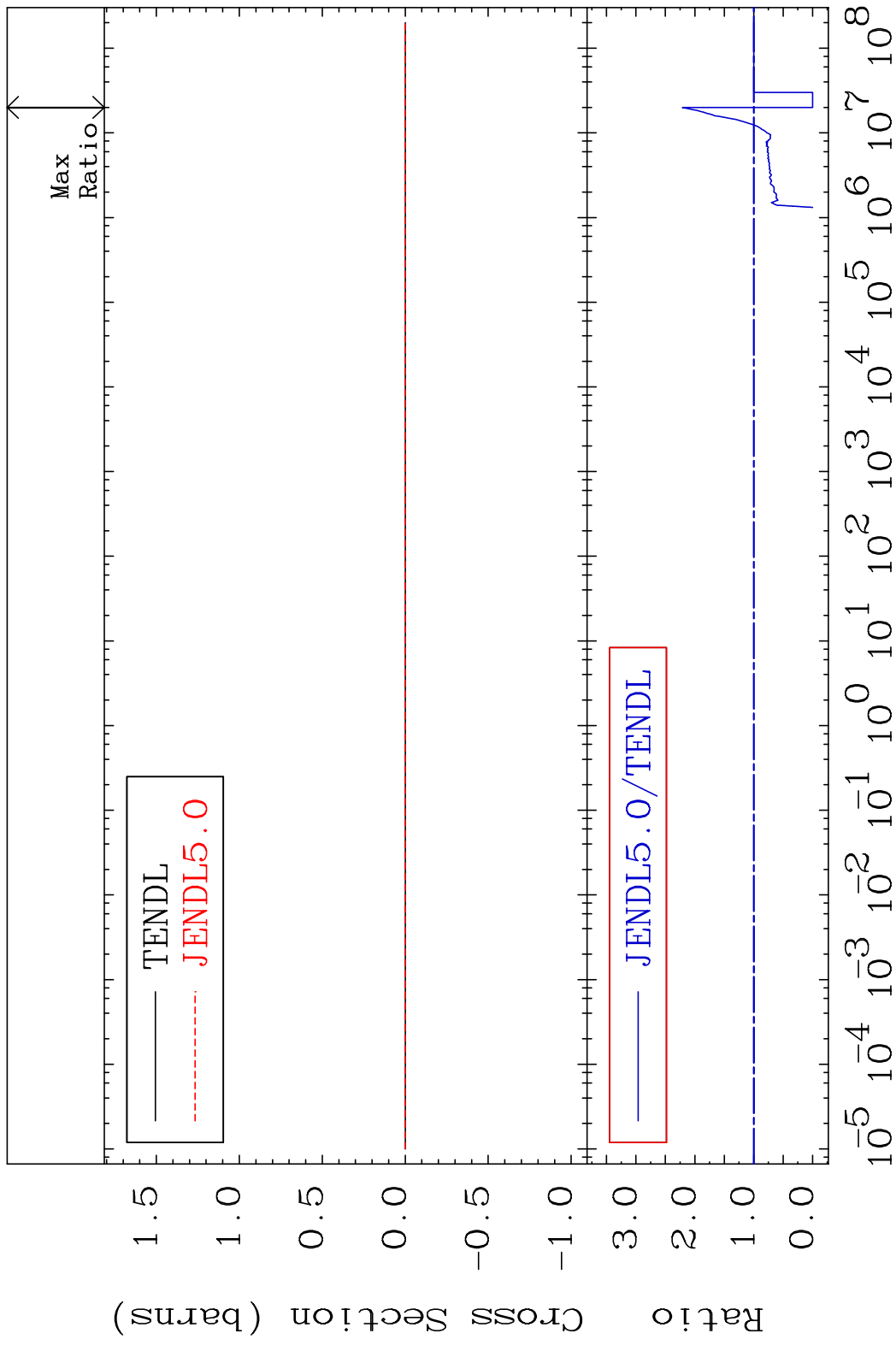
MAT 1428 Kerma non-elastic (all but mt2) 14-Si-29
 Cross Section -86.61 To 584.6 %



MAT 1428 Kerma inelastic (mt51-91) 14-Si-29
 Cross Section -100.0 To 121.2 %

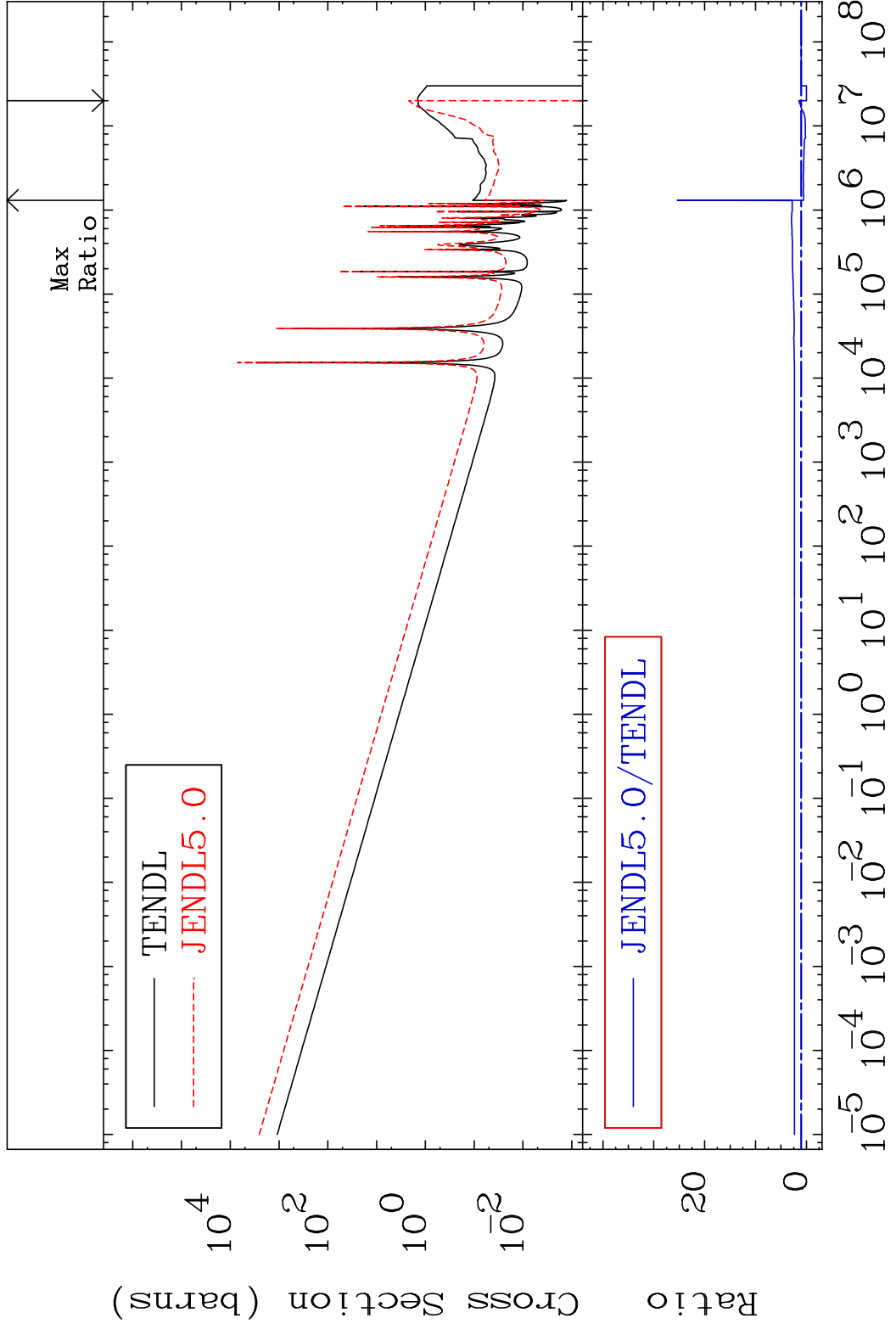


MAT 1428 Kerma fission (mt18 or mt19-20-21-38) 14-Si-29
 Cross Section -100.0 To 121.2 %



MAT 1428

Kerma capture (mt102) 14-Si-29
Cross Section -100.0 To 2440. %



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Incident Energy (eV)

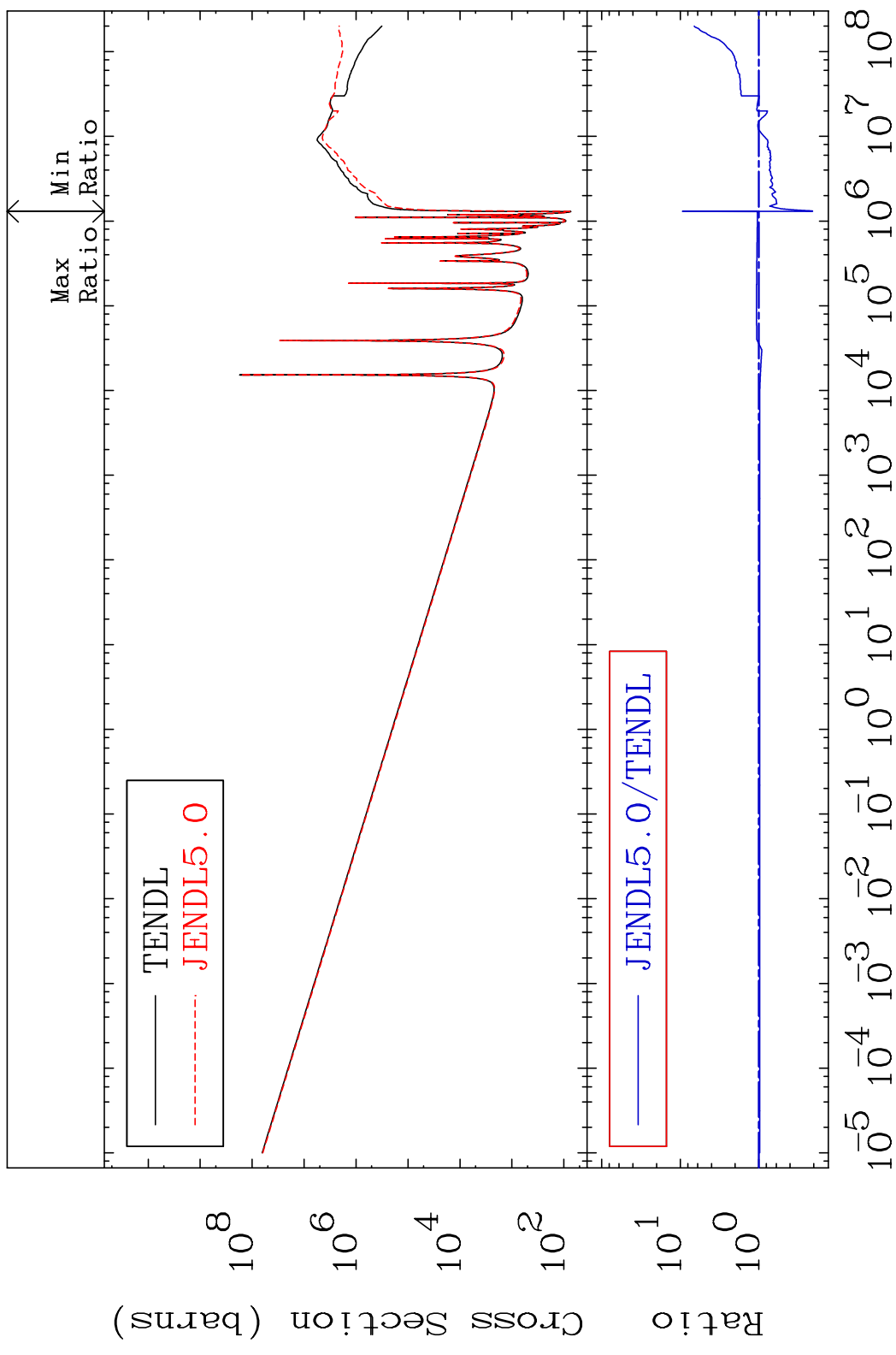
14-Si-29

MAT 1428

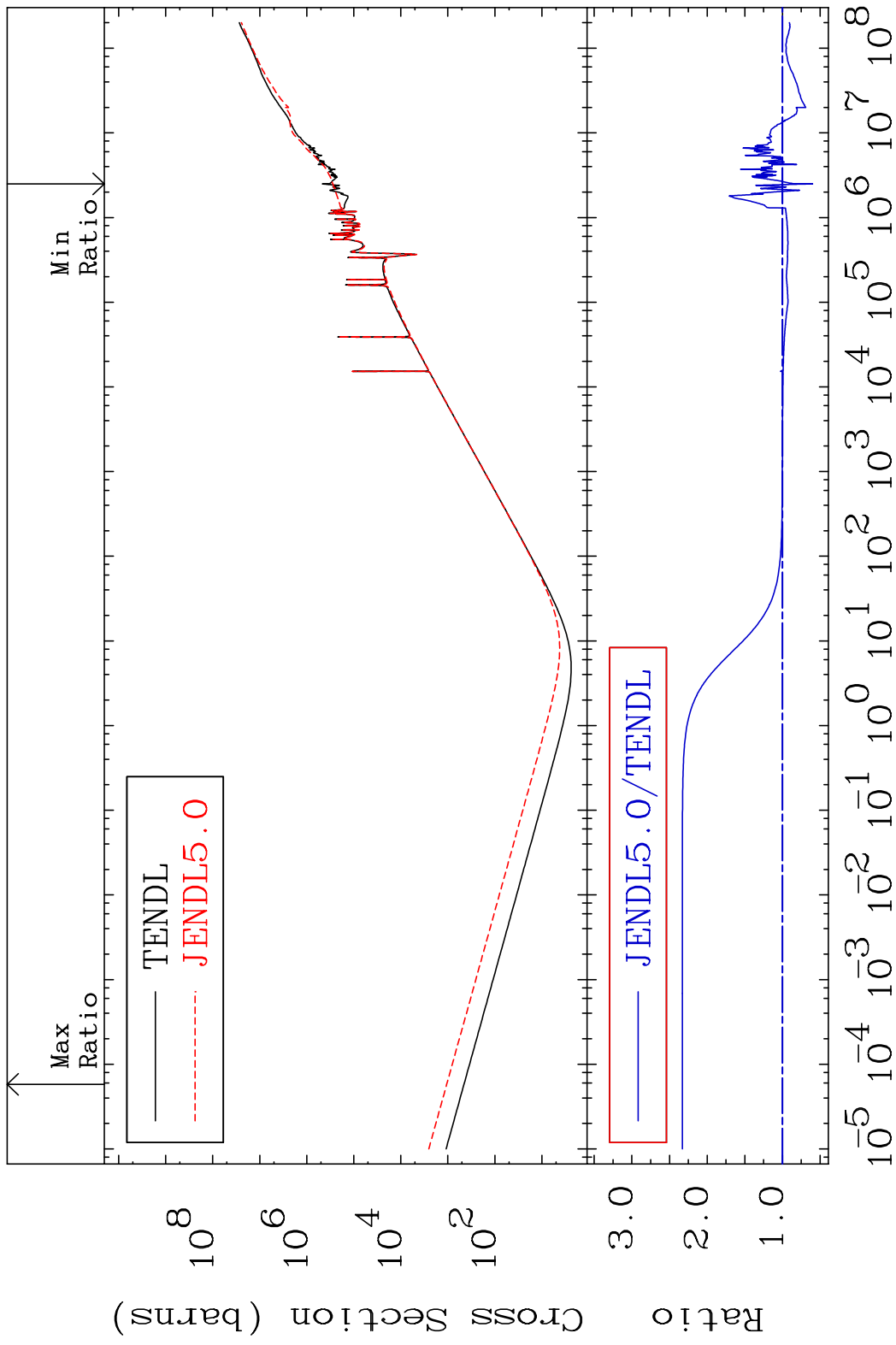
Total photon (eV-barns)

14-Si-29

Cross Section -79.29 To 839.5 %



MAT 1428 Total kinematic kerma (high limit) 14-Si-29
 Cross Section -40.03 To 132.9 %

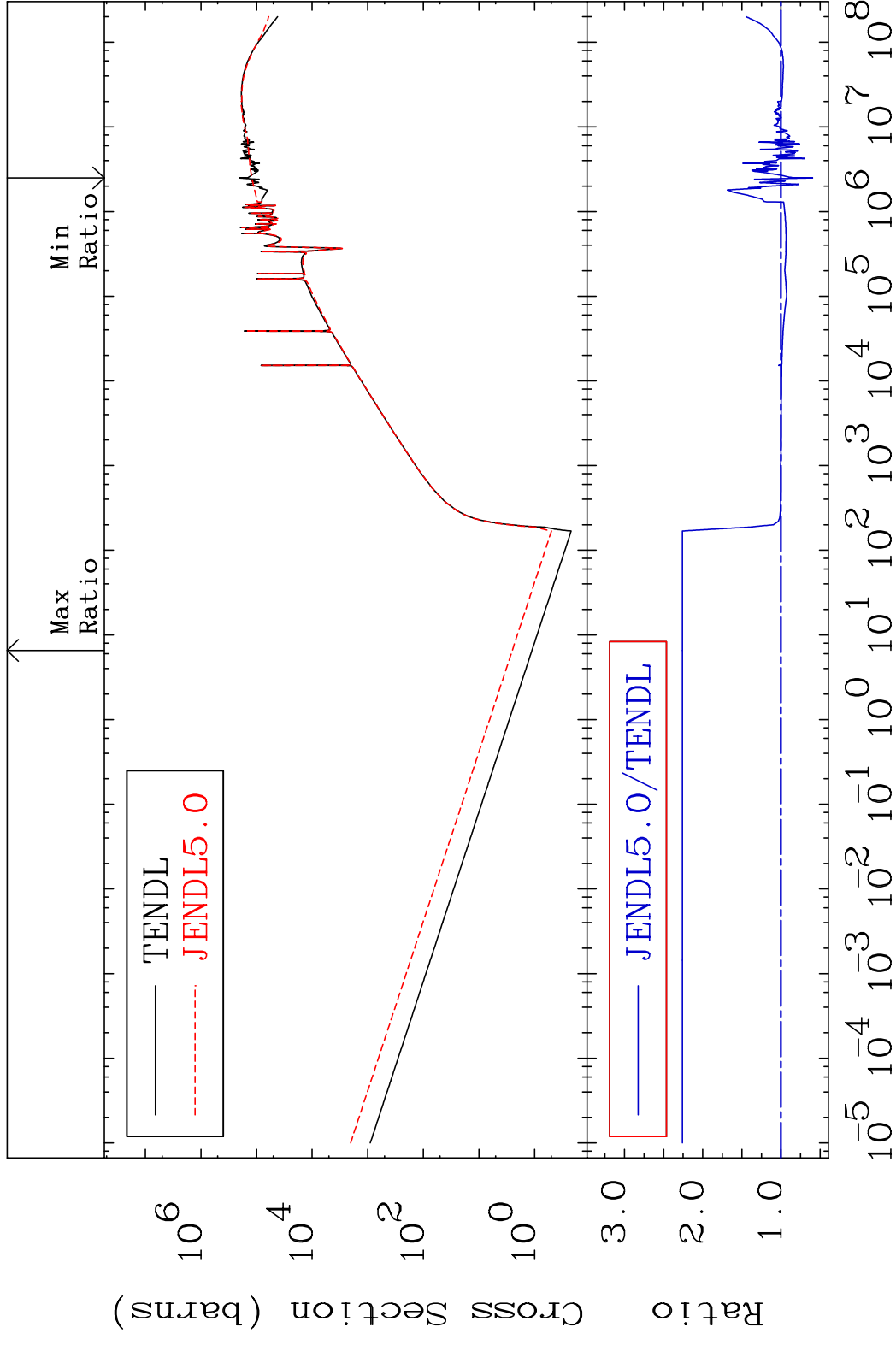


MAT 1428

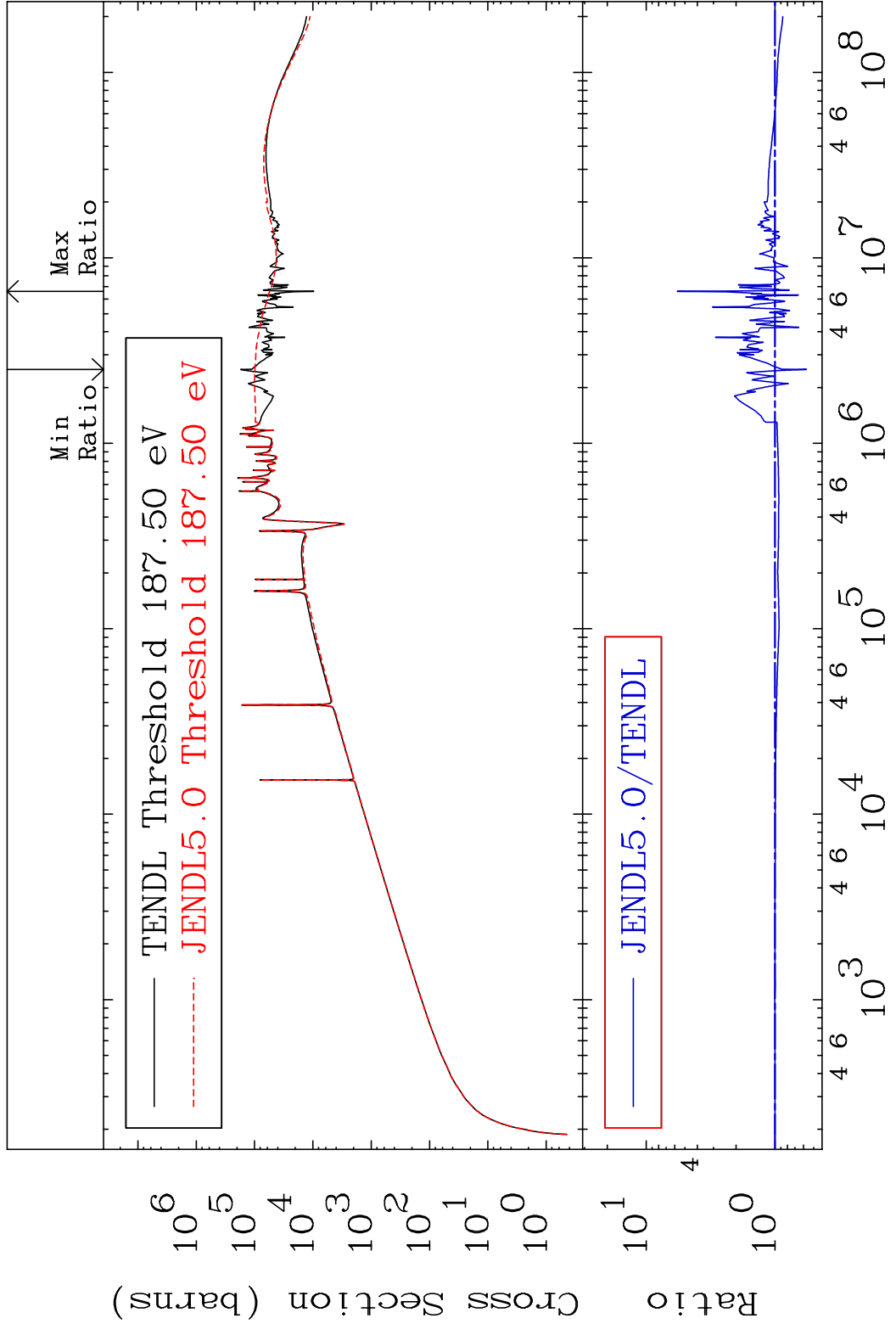
Dpa total (eV-barns)

14-Si-29

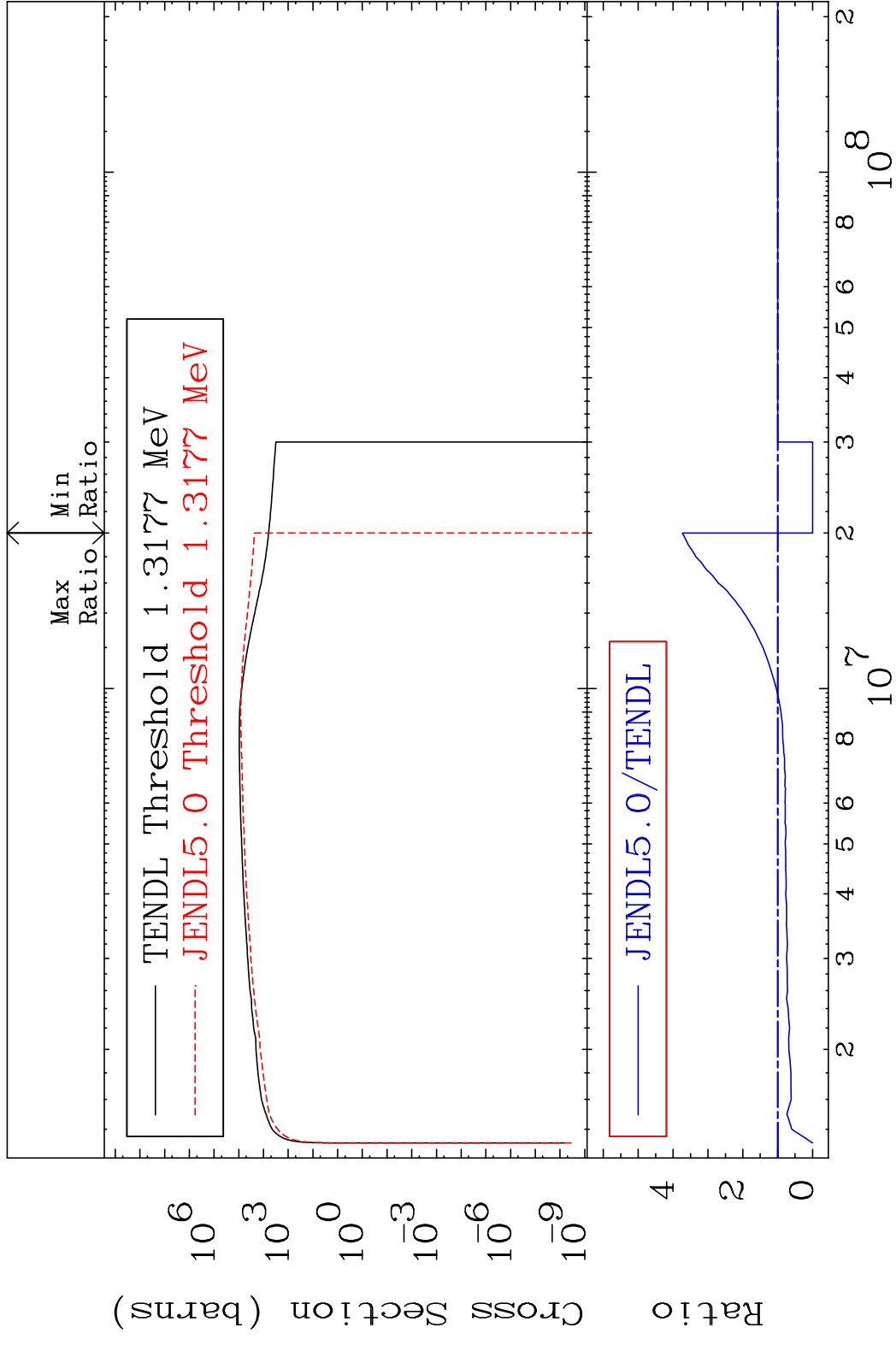
Cross Section -40.32 To 126.1 %



MAT 1428 Dpa elastic (mt2) 14-Si-29
 Cross Section -42.98 To 473.9 %



MAT 1428 Dpa inelastic (mt51-91) 14-Si-29
 Cross Section -100.0 To 273.4 %



MAT 1428 Dpa disappearance (mt102 -120) 14-Si-29
 Cross Section -100.0 To 880.6 %

