

Program Complot
(Version 2021-1)

by

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U.S.A.

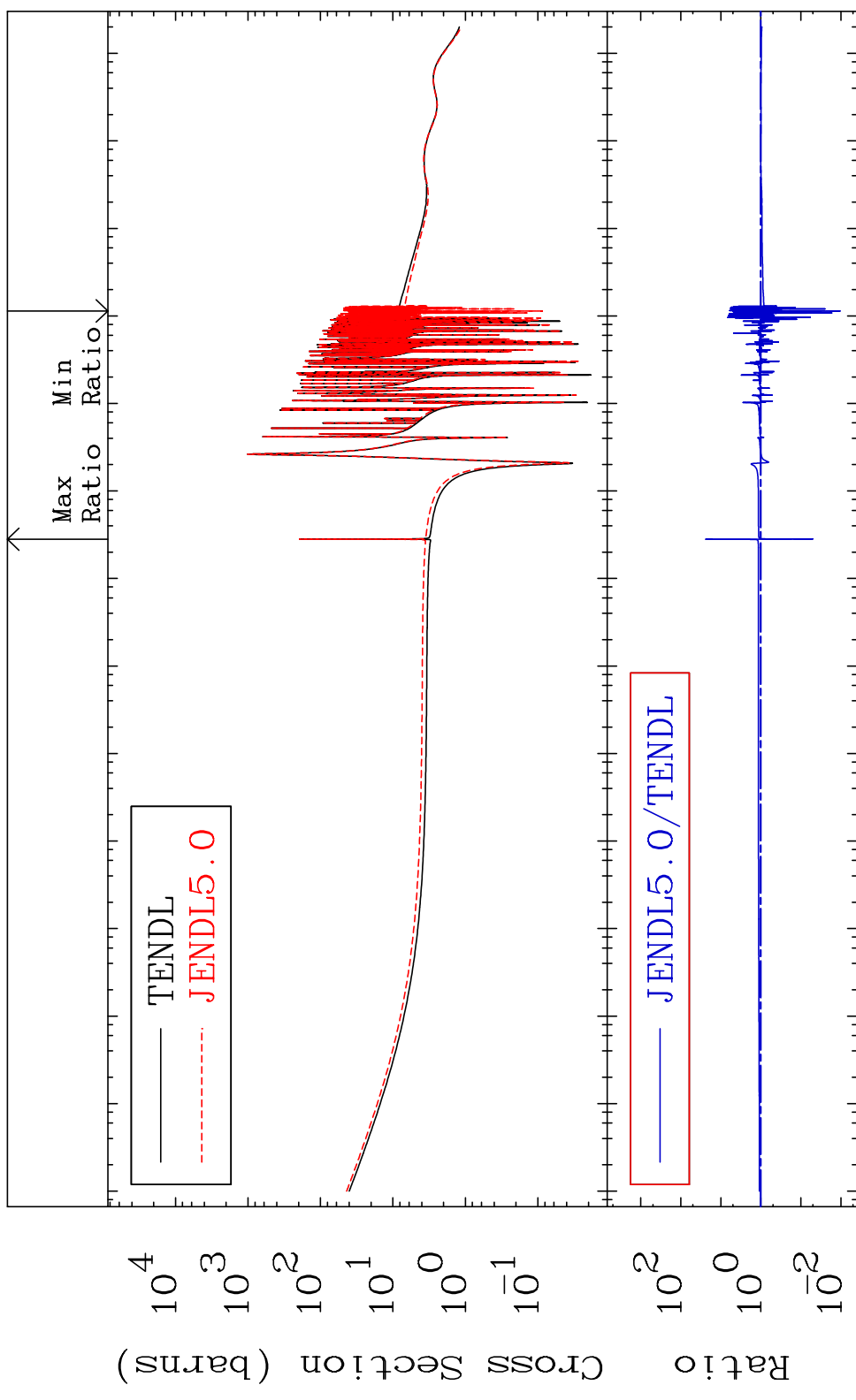
Tele: 925-443-1911

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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

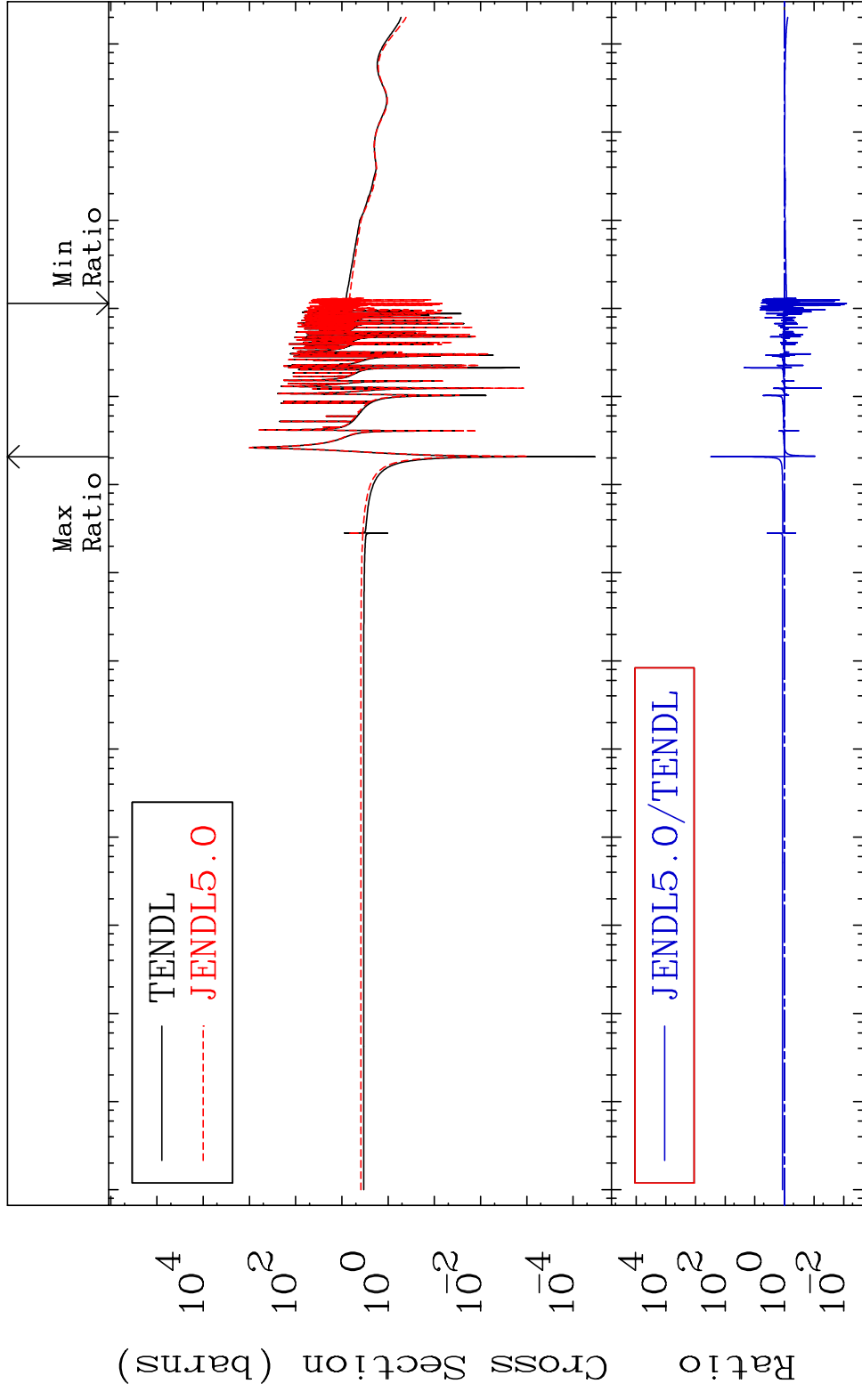
MAT 3025

Total Cross Section -98.97 To 2281. % 30-Zn-64

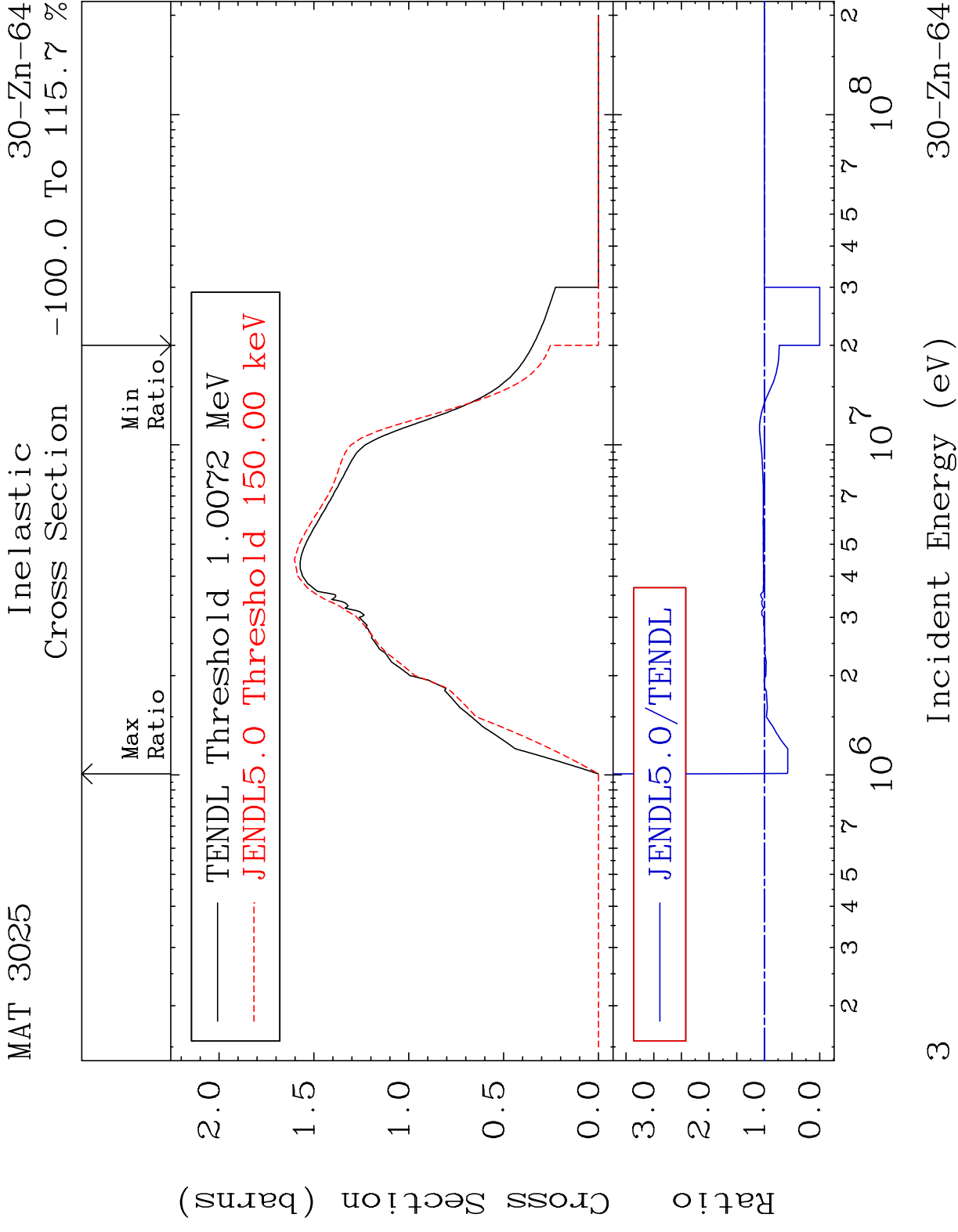


1 Incident Energy (eV) 30-Zn-64

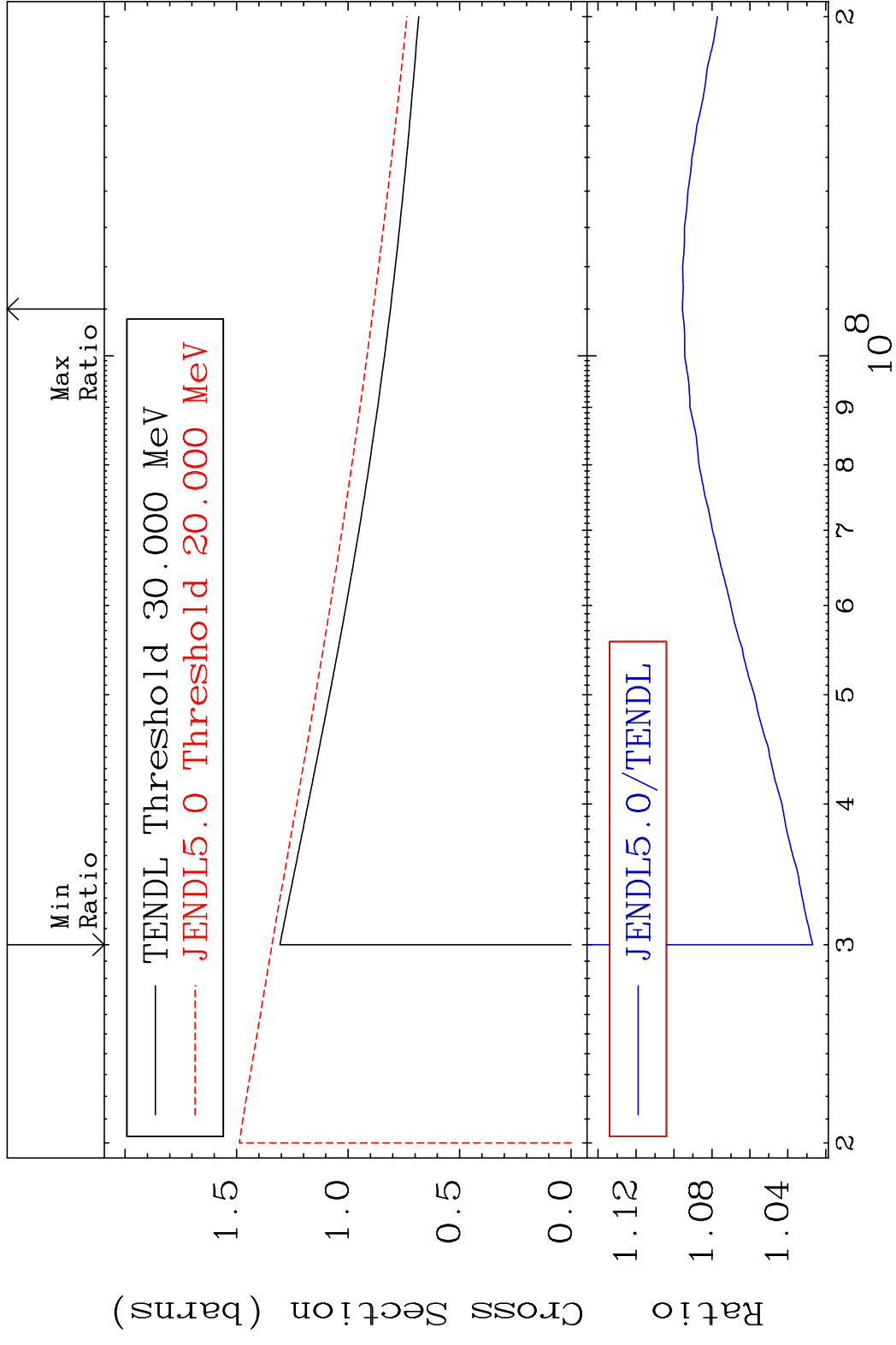
MAT 3025 Elastic 30-Zn-64
Cross Section -99.18 To 9999. %



2 Incident Energy (eV) 30-Zn-64

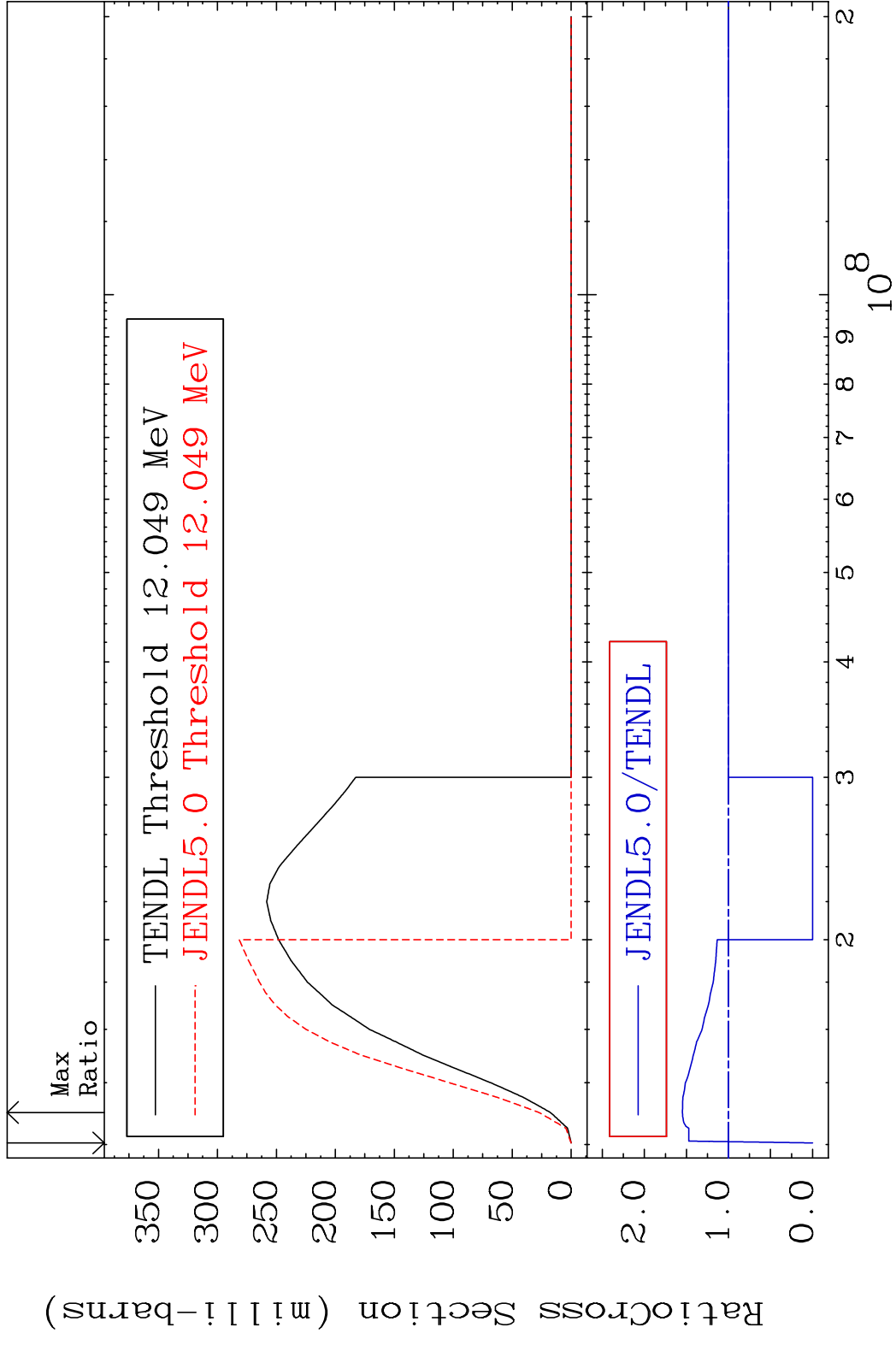


MAT 3025 (n, remainder) 30-Zn-64
 Cross Section 2.697 To 9.560 %

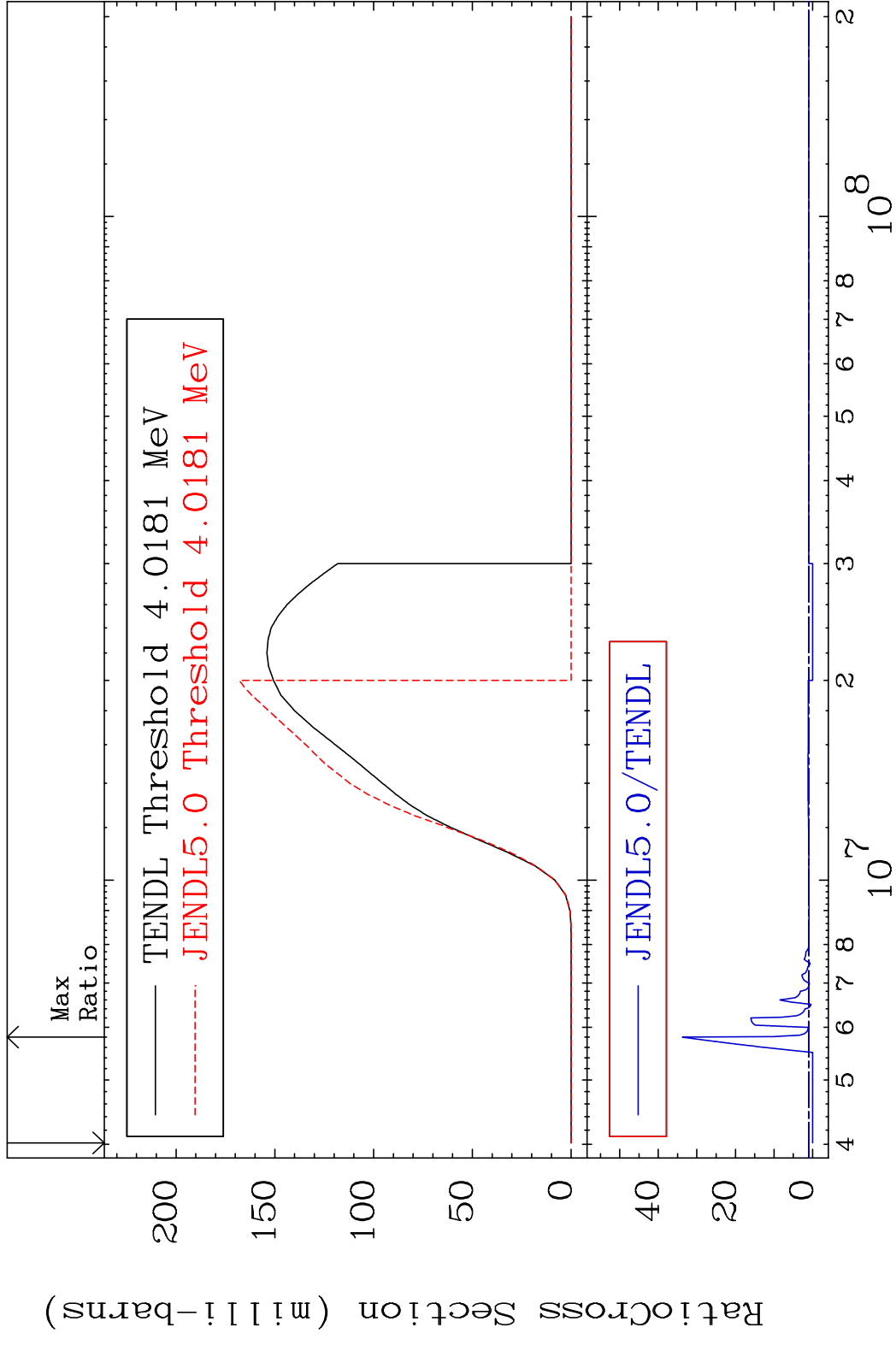


4 Incident Energy (eV) 30-Zn-64

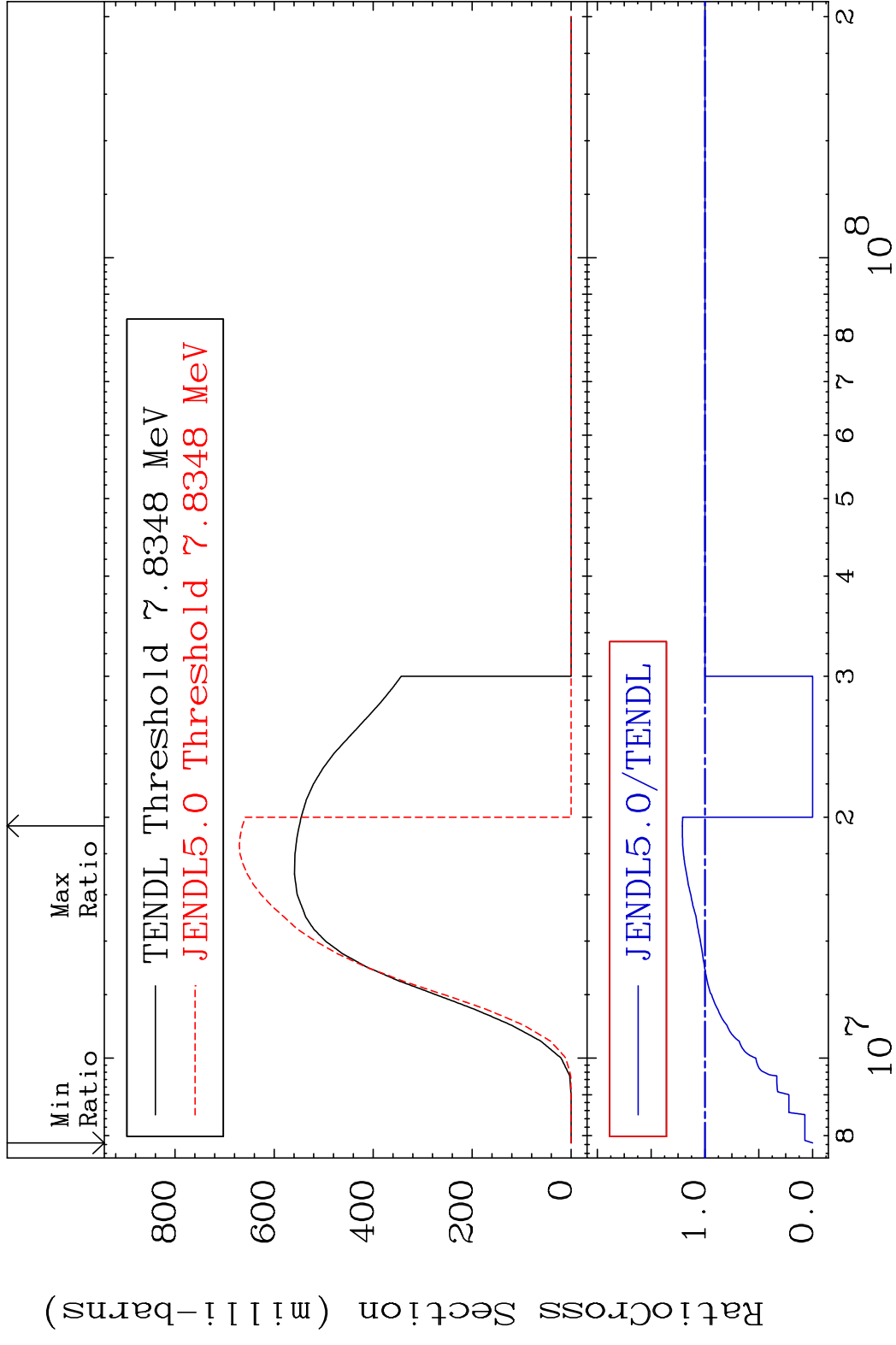
MAT 3025 (n,2n) 30-Zn-64
 Cross Section -100.0 To 54.85 %



MAT 3025 (n, n') α 30-Zn-64
 Cross Section -100.0 To 3276. %



MAT 3025 (n, n') p 30-Zn-64
 Cross Section -100.0 To 20.93 %



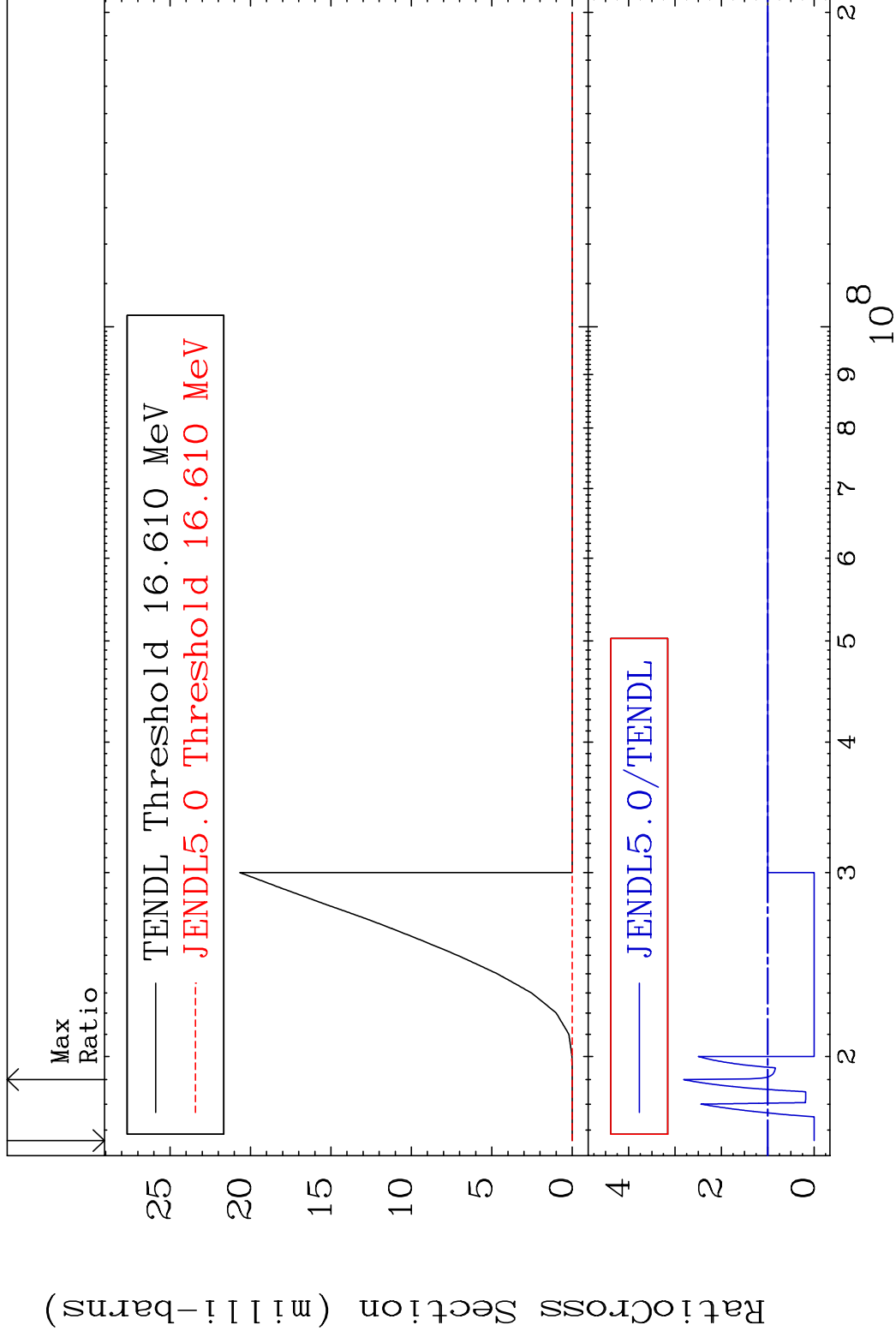
7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2

MAT 3025

(n, n') d

30-Zn-64

Cross Section -100.0 To 181.4 %

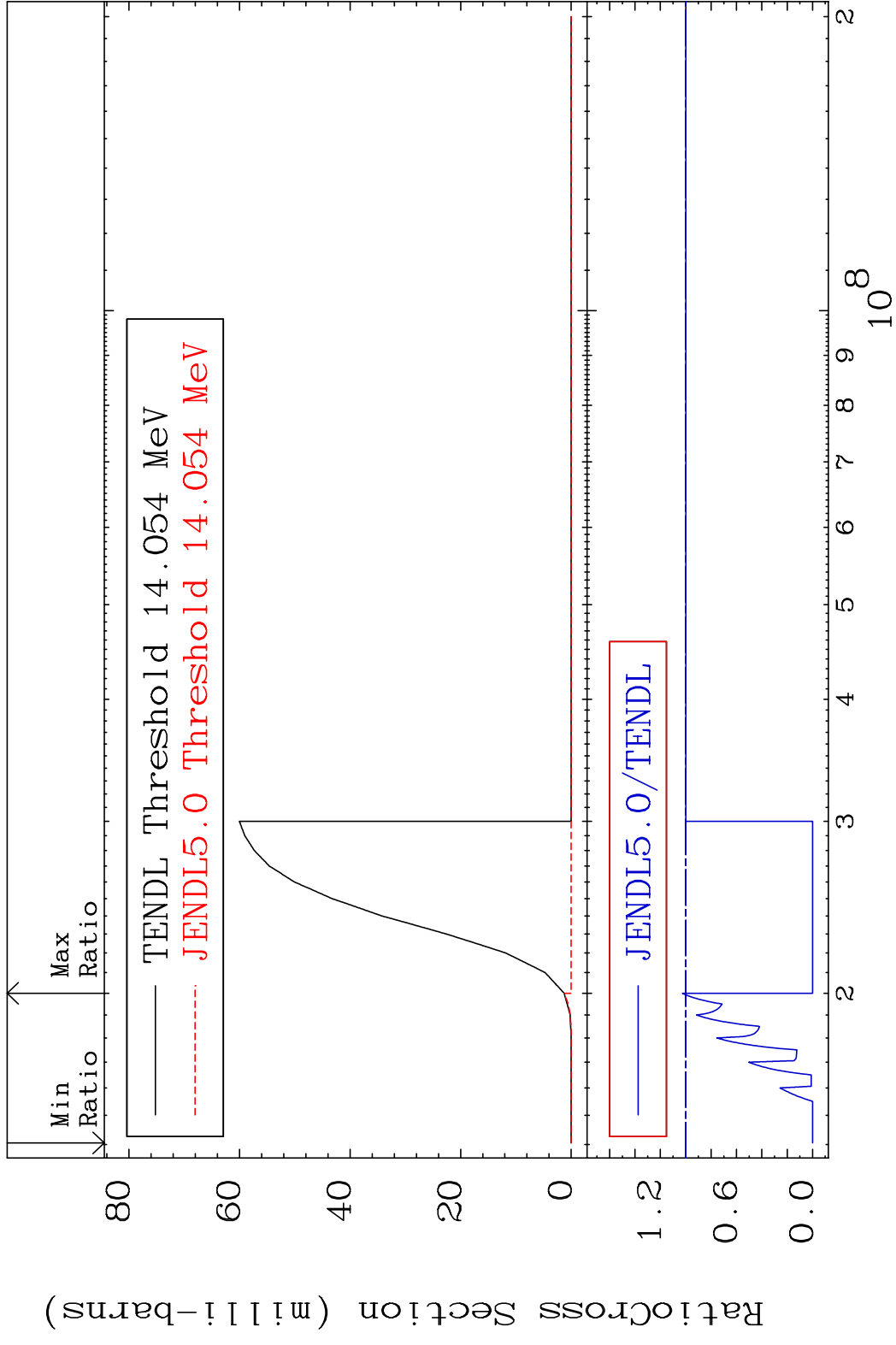


8

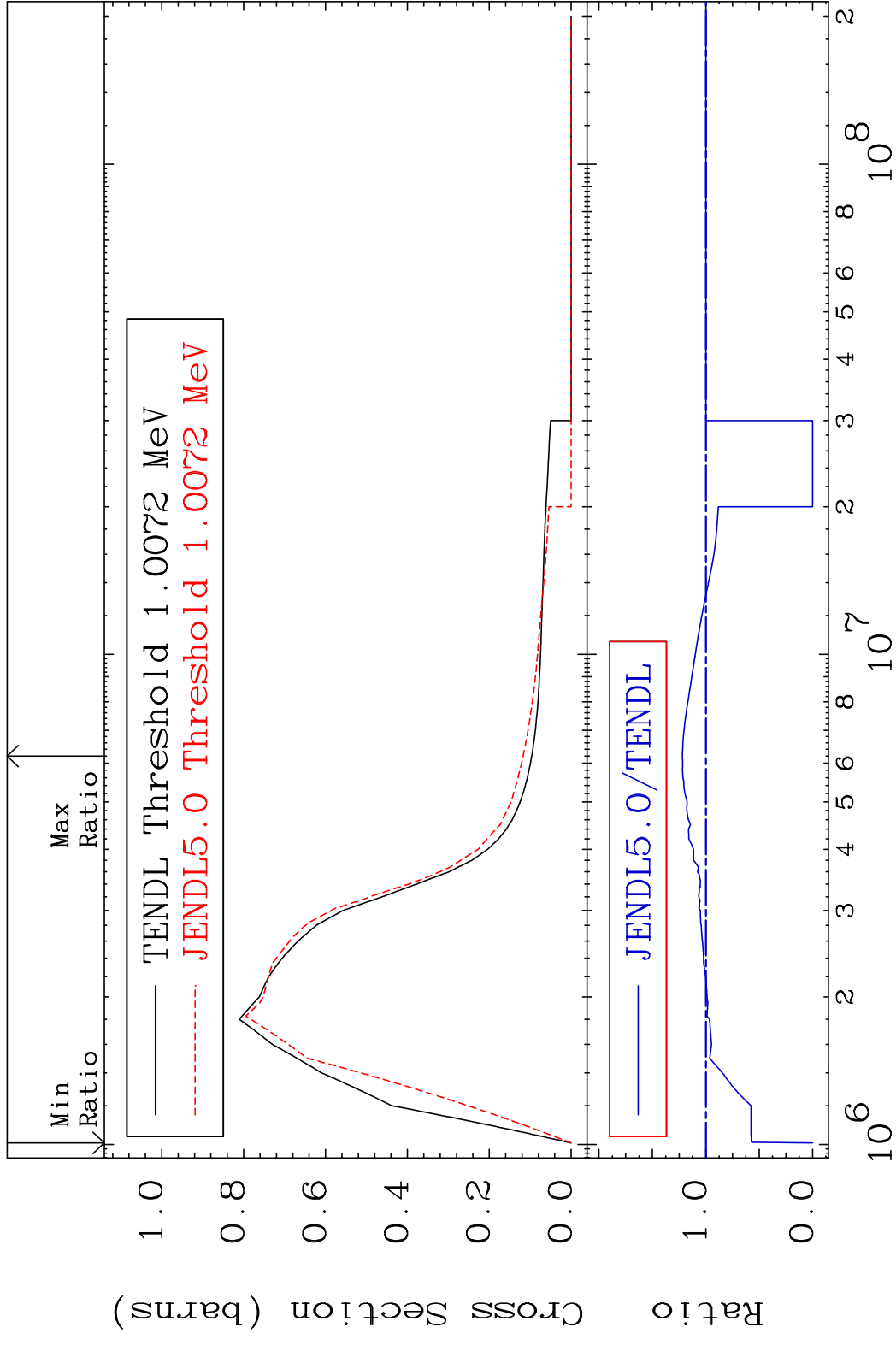
Incident Energy (eV)

30-Zn-64

MAT 3025 (n,2n) p 30-Zn-64
 Cross Section -100.0 To 2.665 %

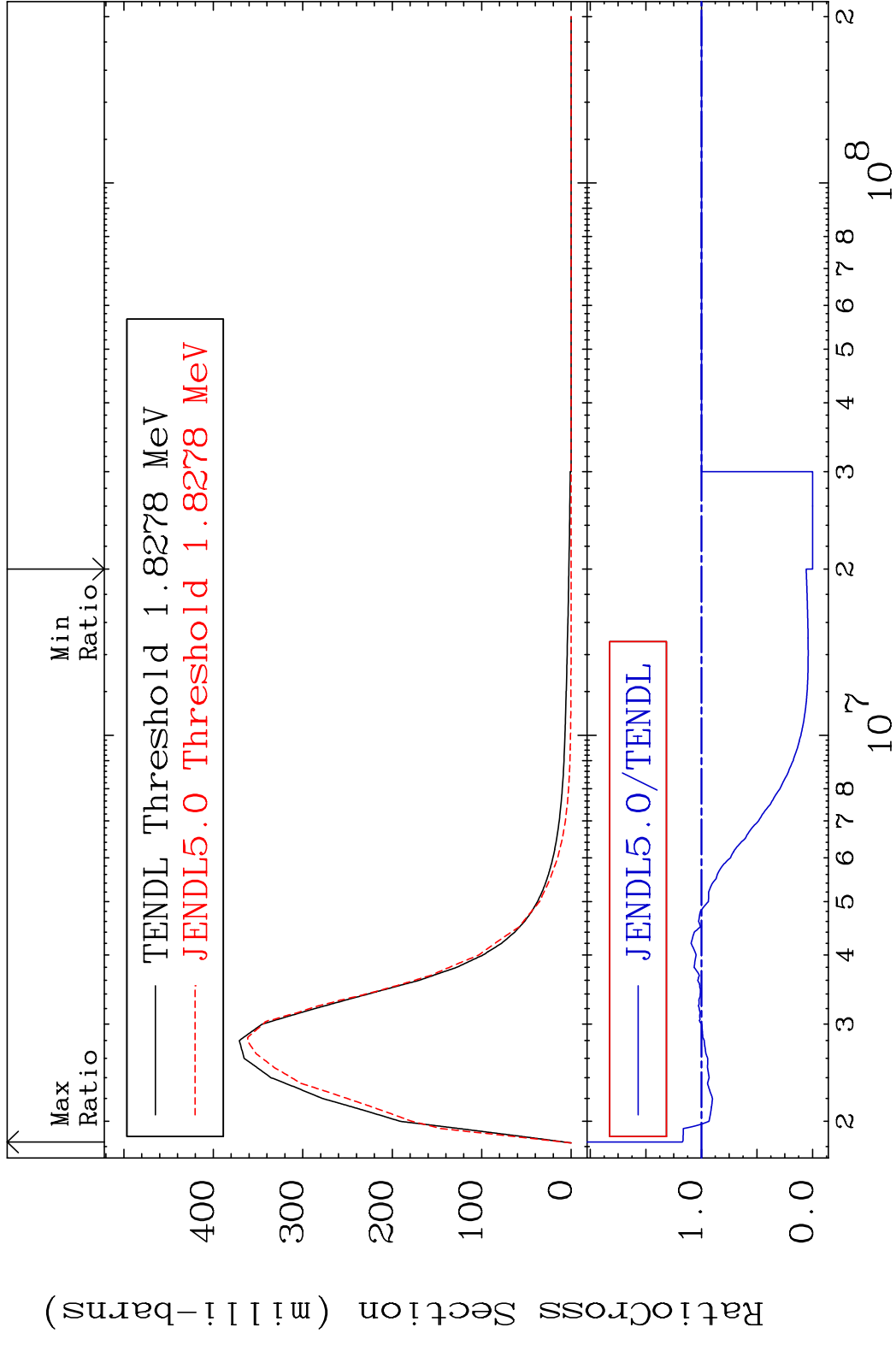


MAT 3025 MT= 51 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 21.94 %

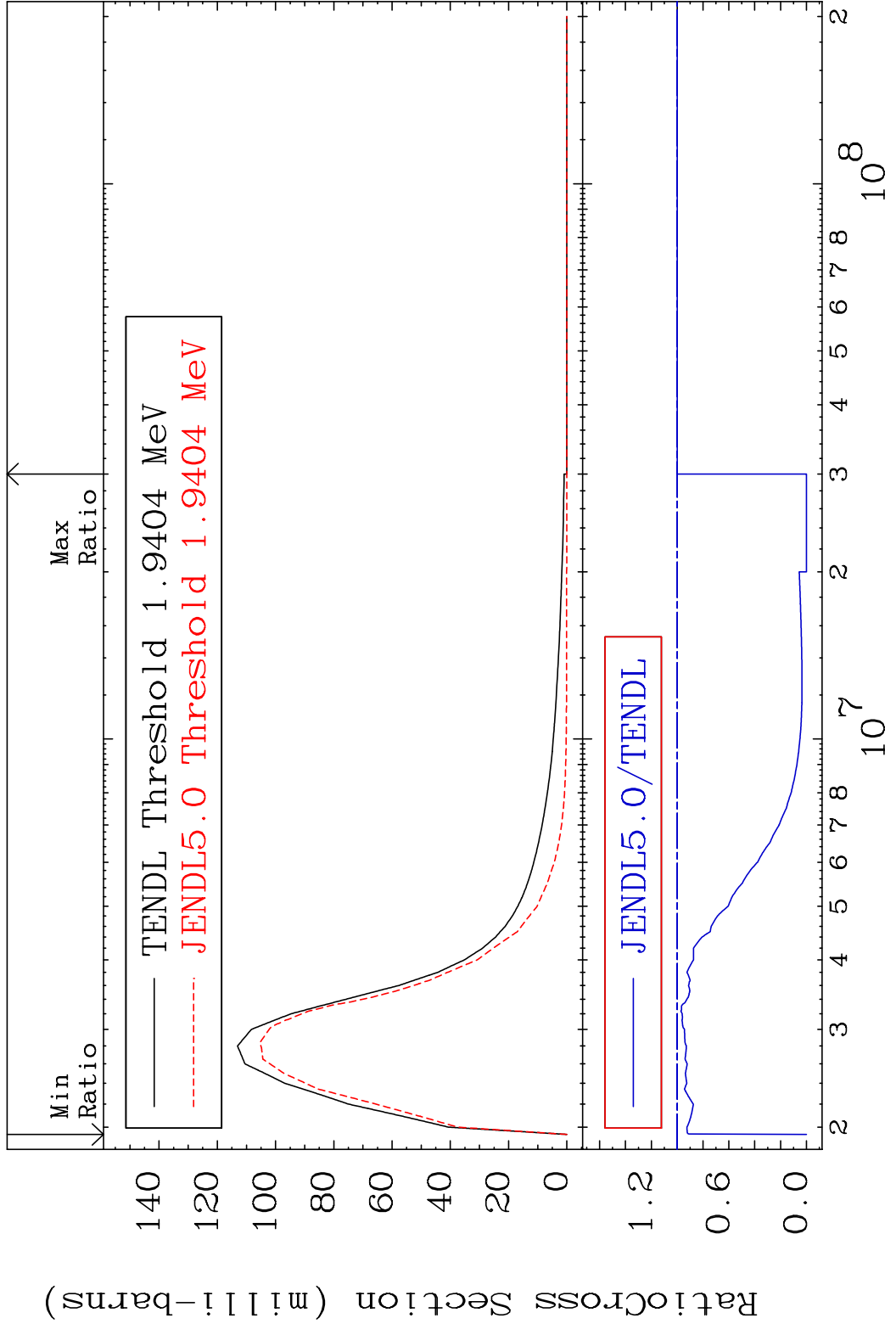


10 Incident Energy (eV) 30-Zn-64

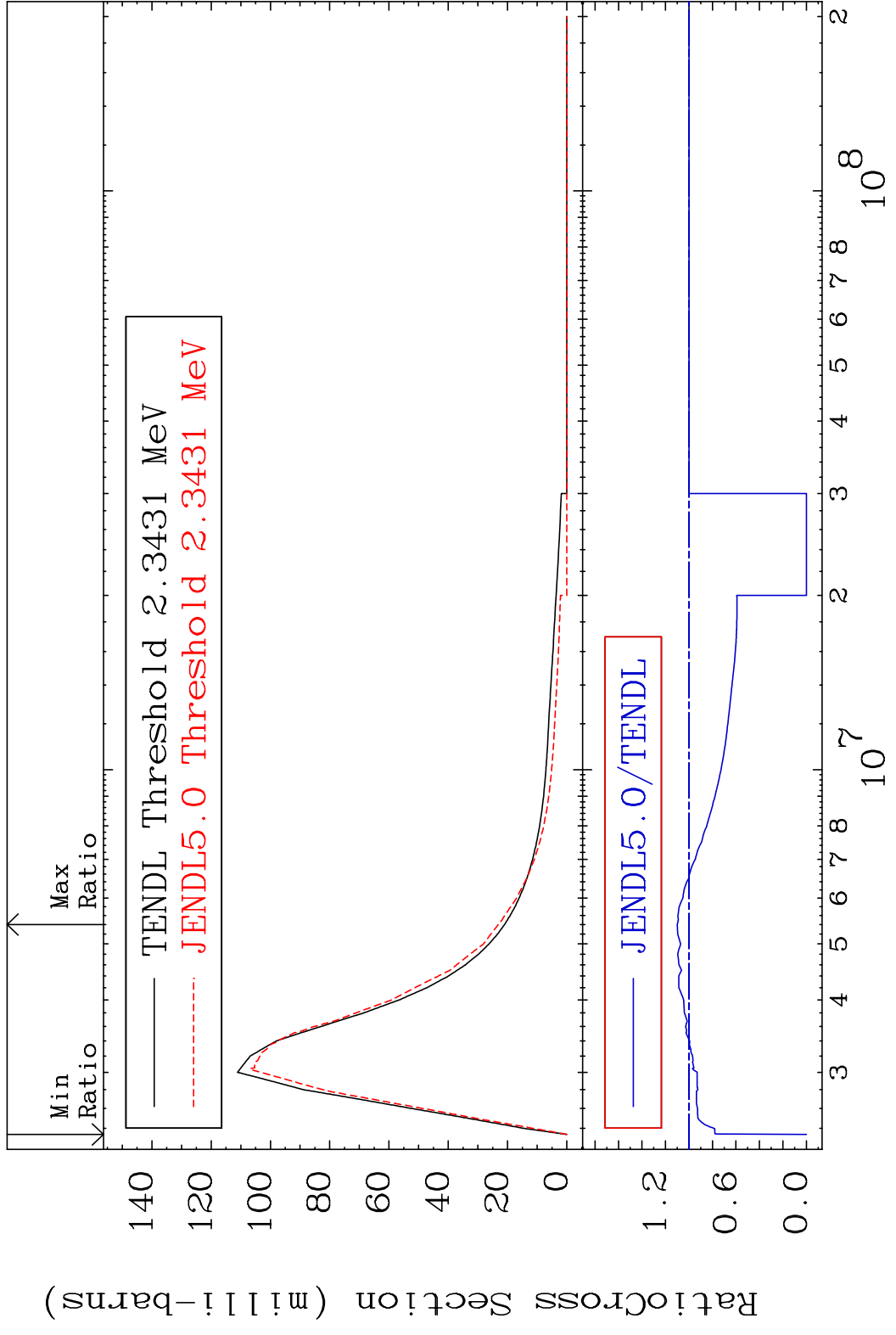
MAT 3025 MT= 52 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 17.18 %



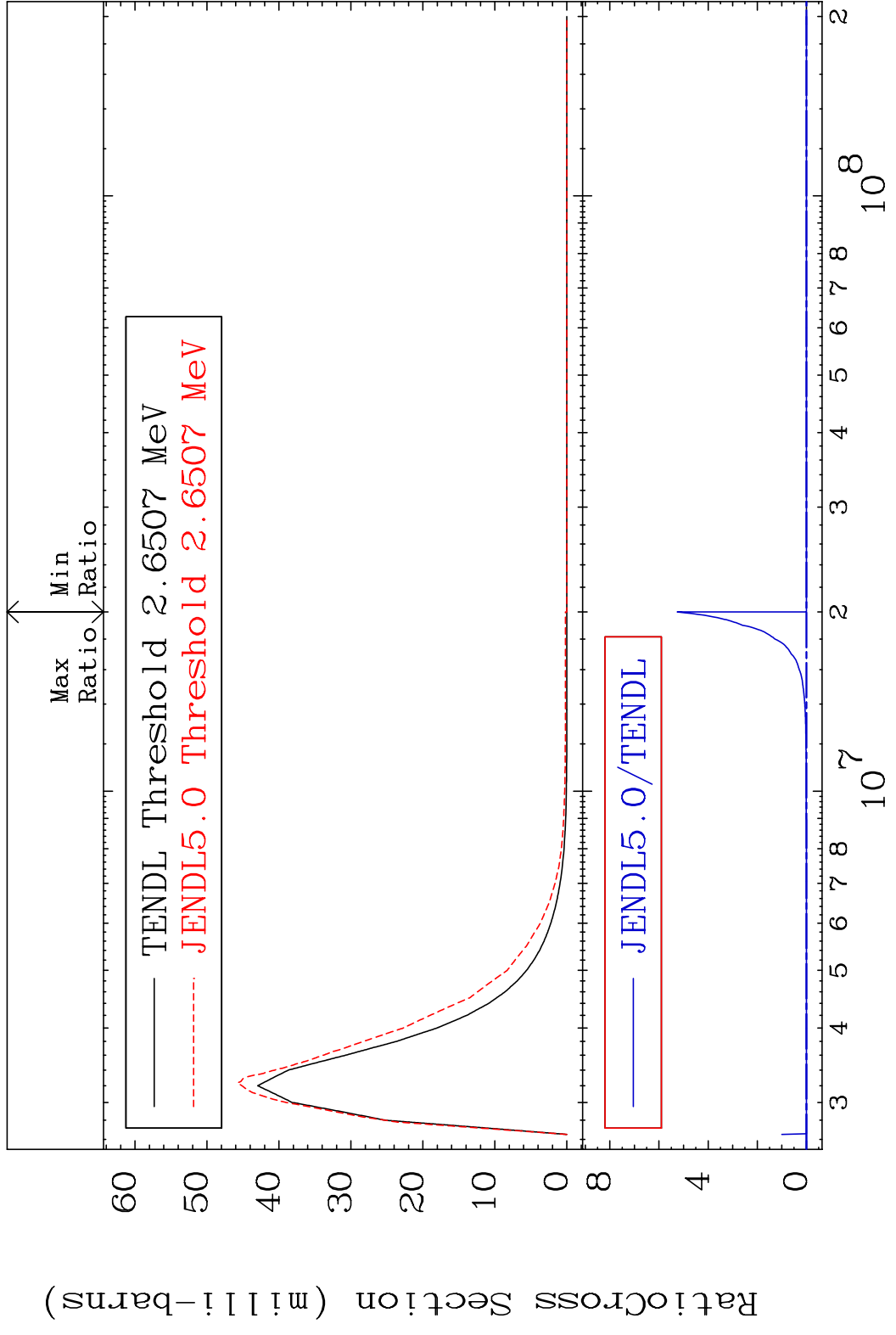
MAT 3025 MT= 53 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 0.000 %



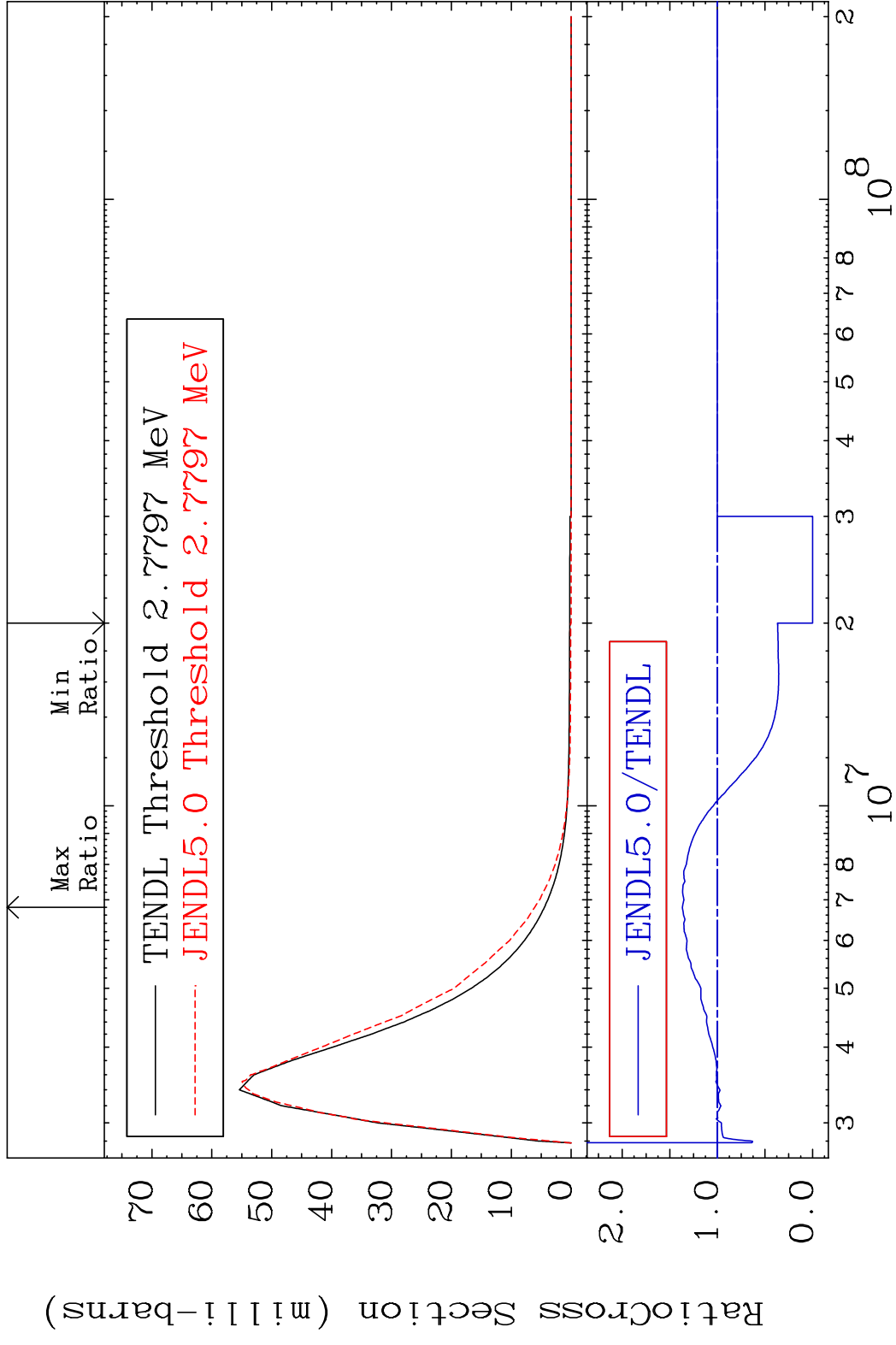
MAT 3025 MT= 54 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 10.03 %



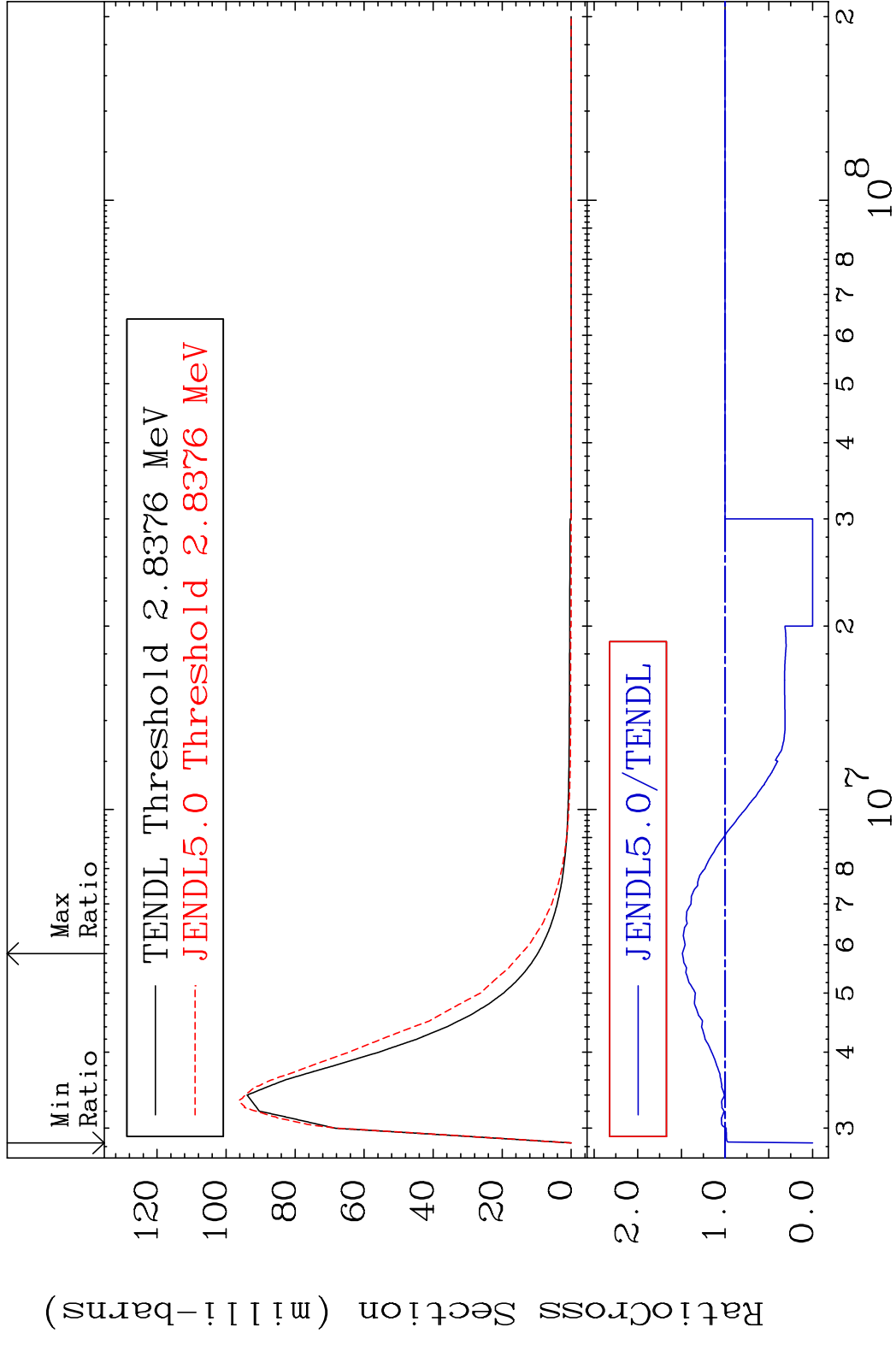
MAT 3025 MT= 55 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



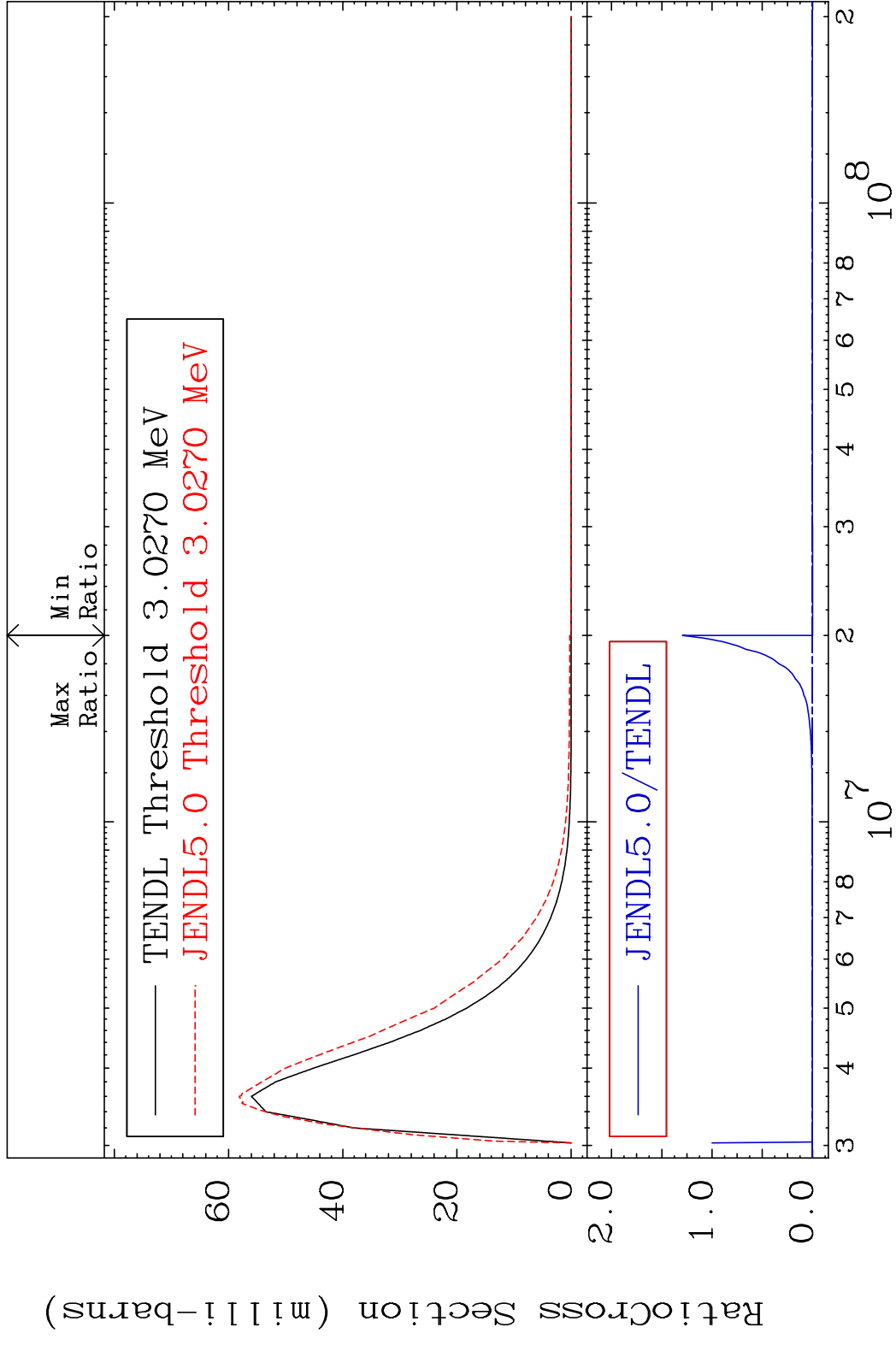
MAT 3025 MT= 56 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 36.82 %



MAT 3025 MT= 57 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 48.95 %

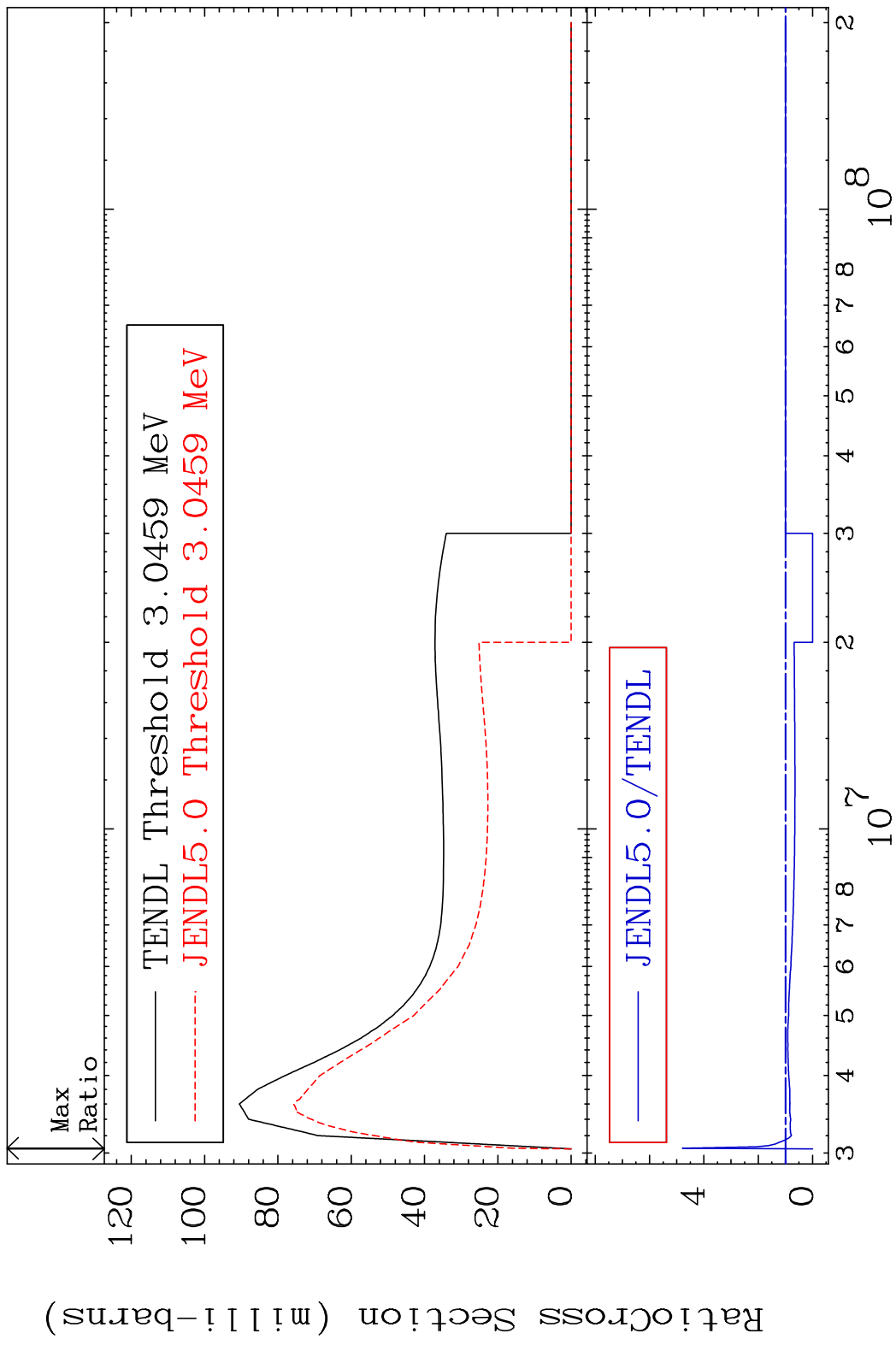


MAT 3025 MT= 58 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %

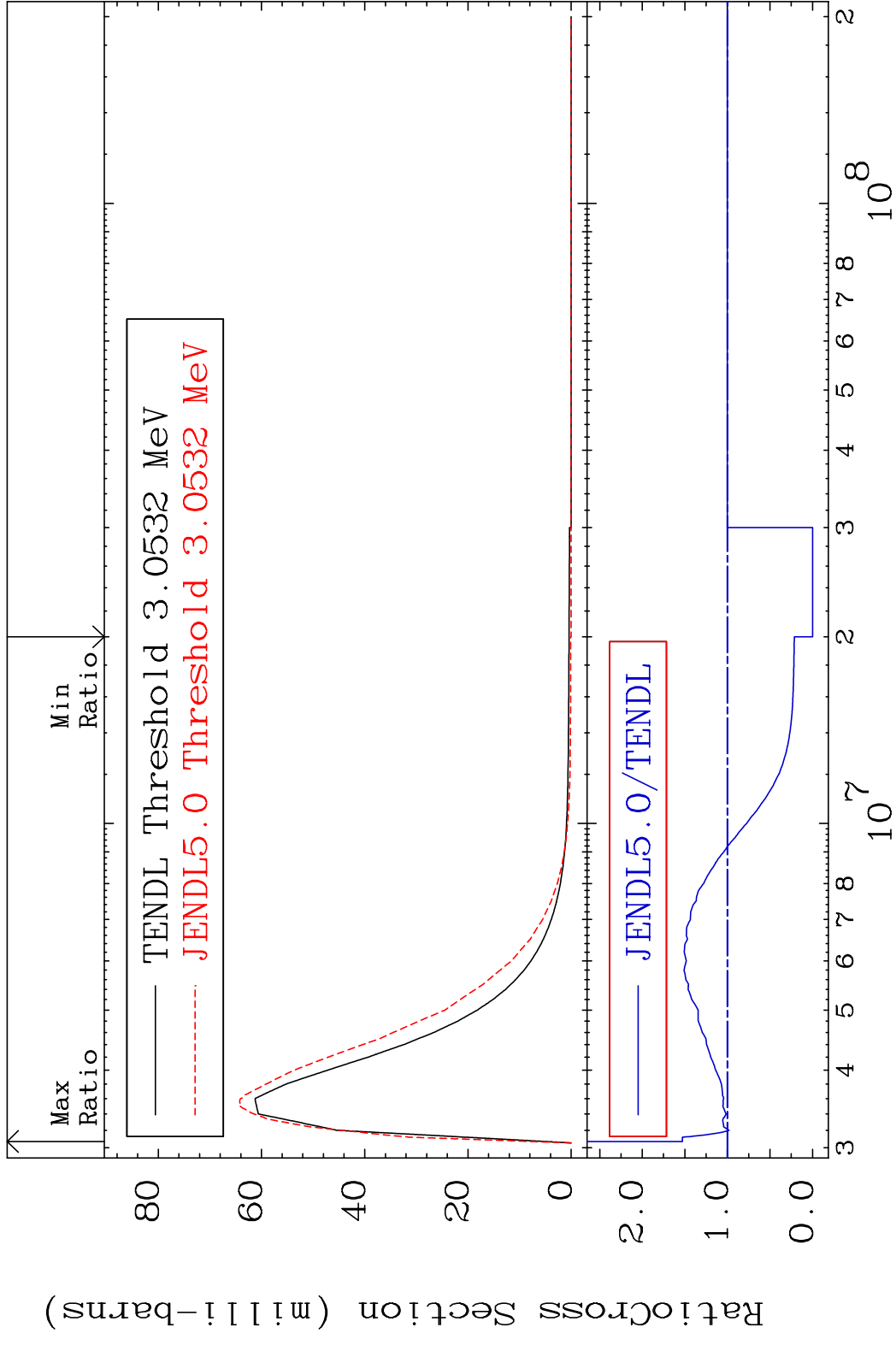


17 Incident Energy (eV) 30-Zn-64

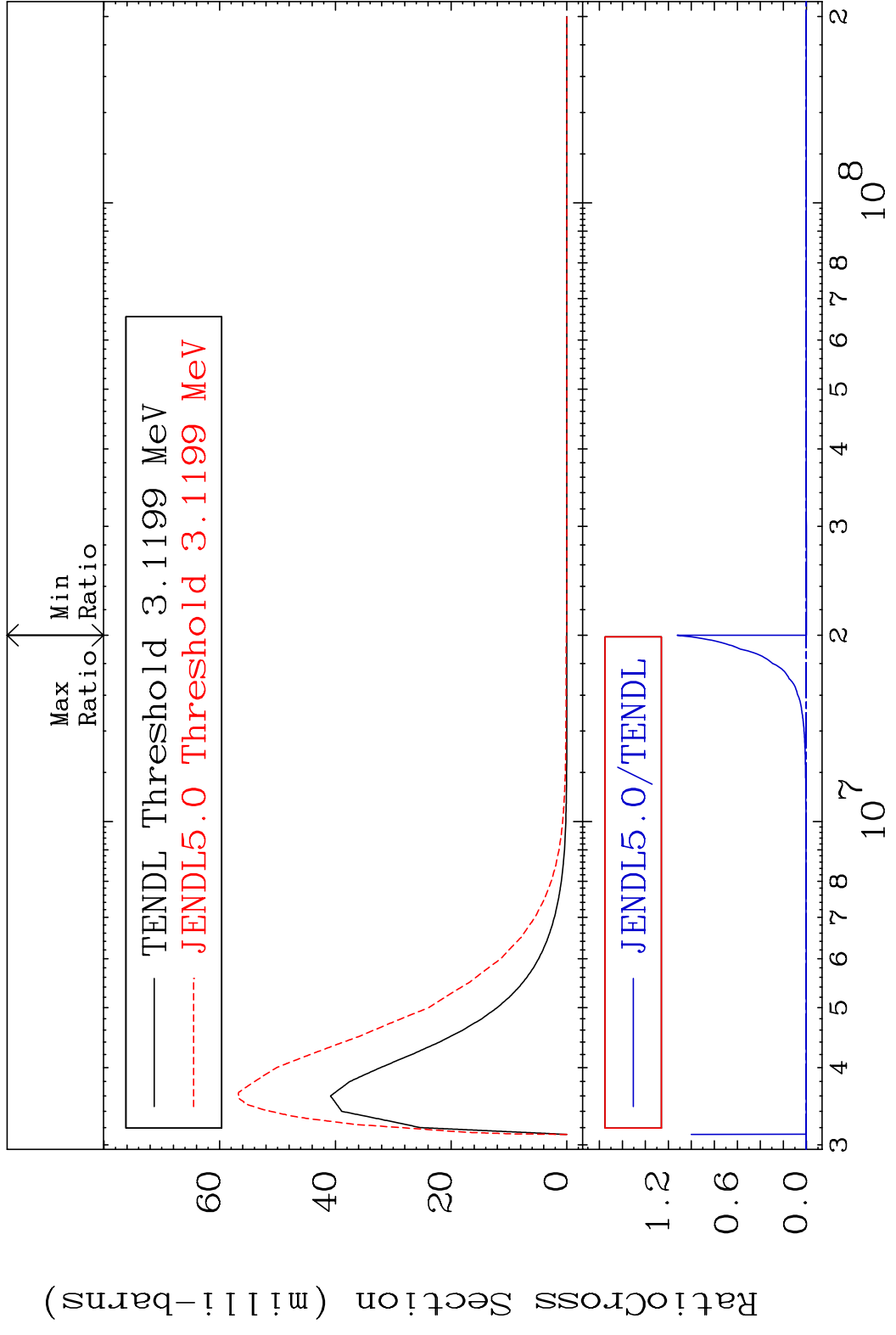
MAT 3025 MT= 59 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 379.2 %



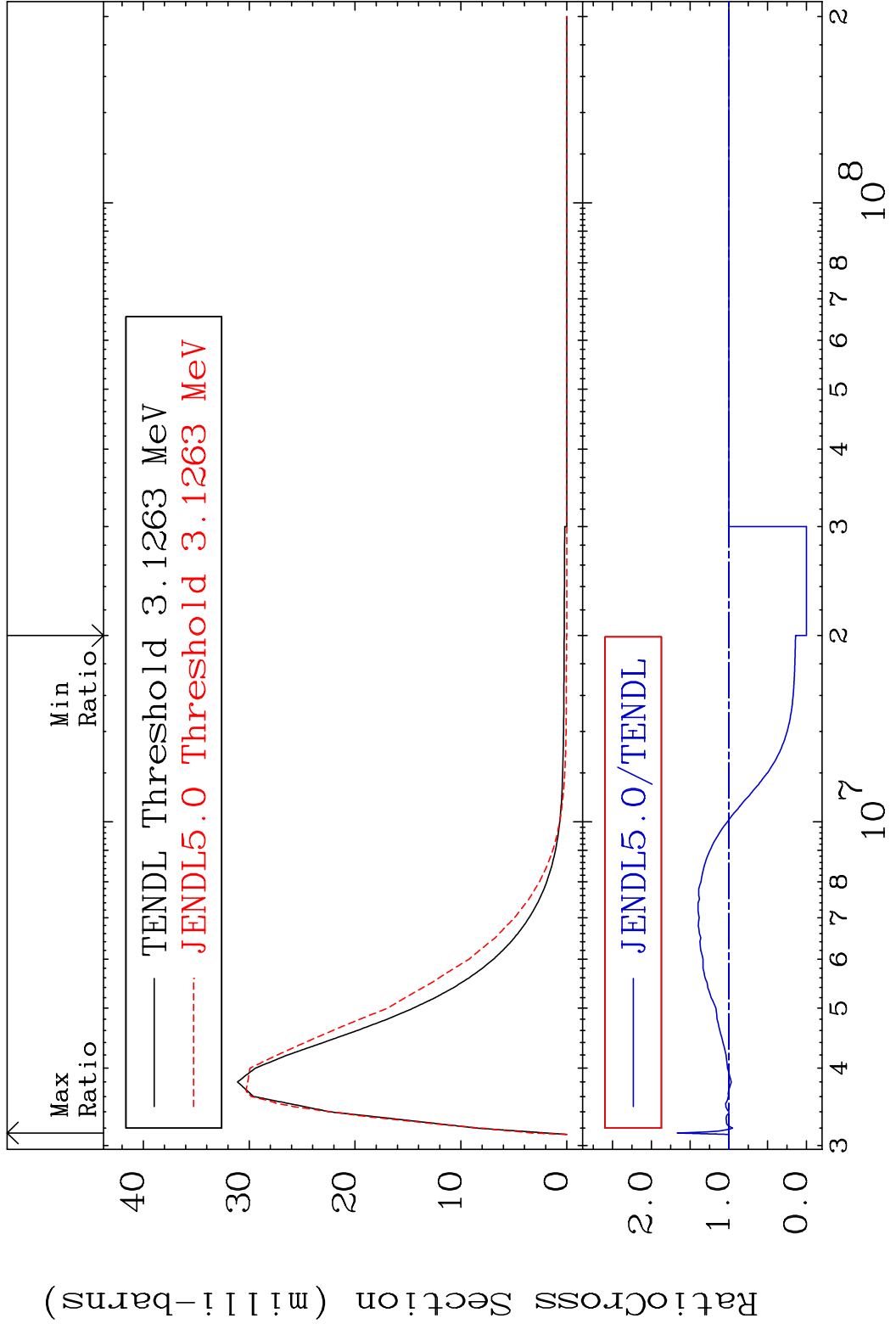
MAT 3025 MT= 60 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 52.94 %



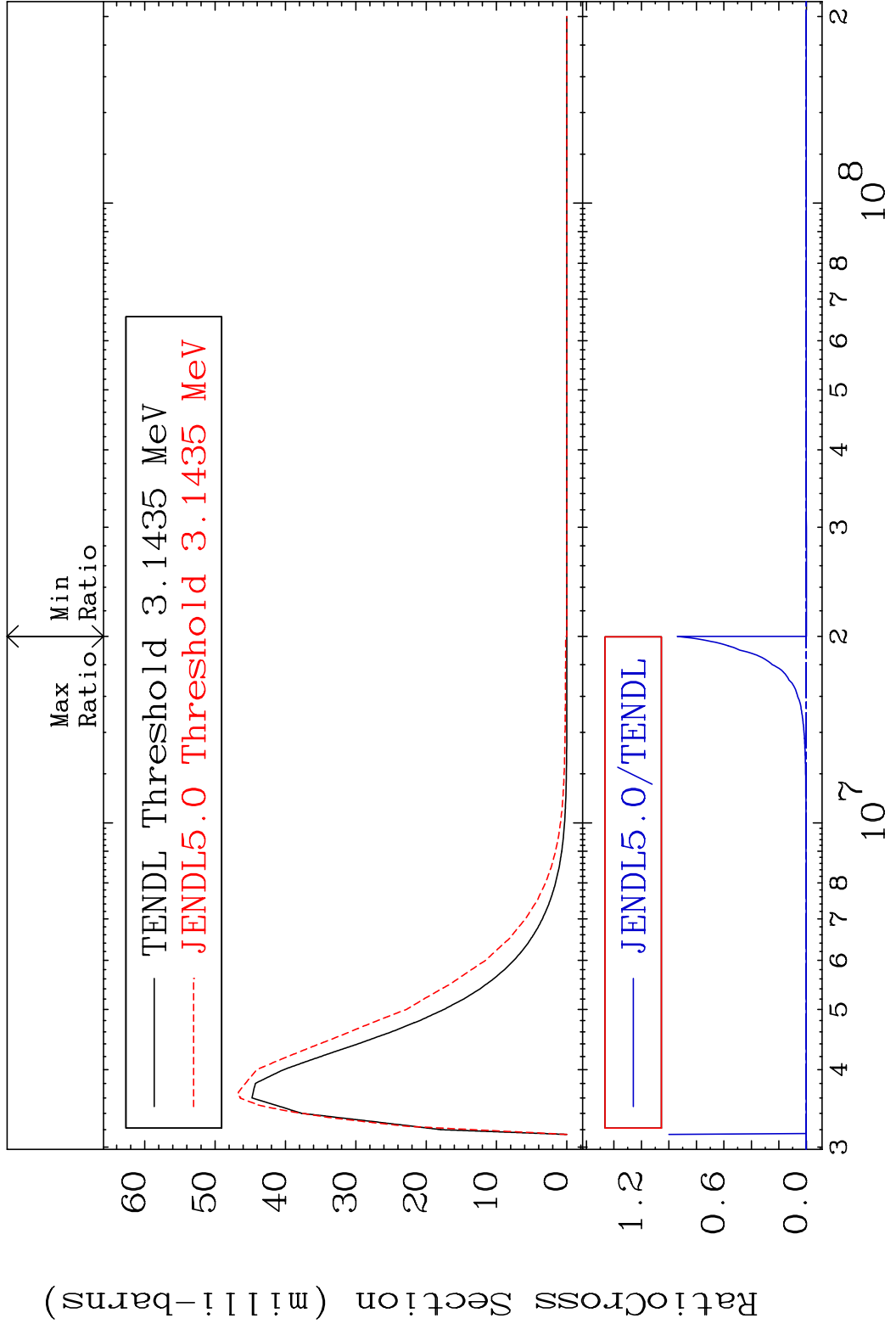
MAT 3025 MT= 61 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



MAT 3025 MT= 62 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 66.64 %

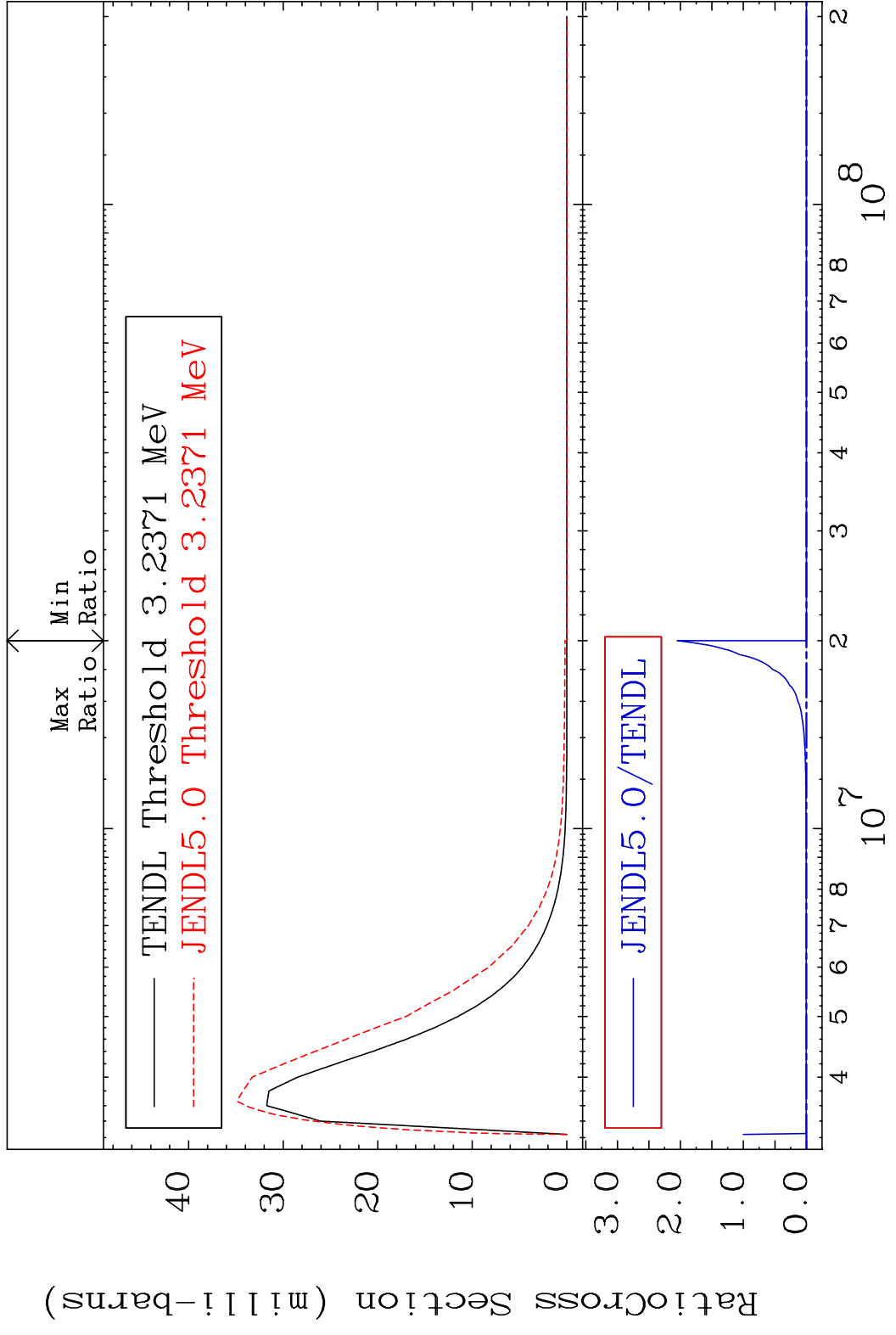


MAT 3025 MT= 63 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %

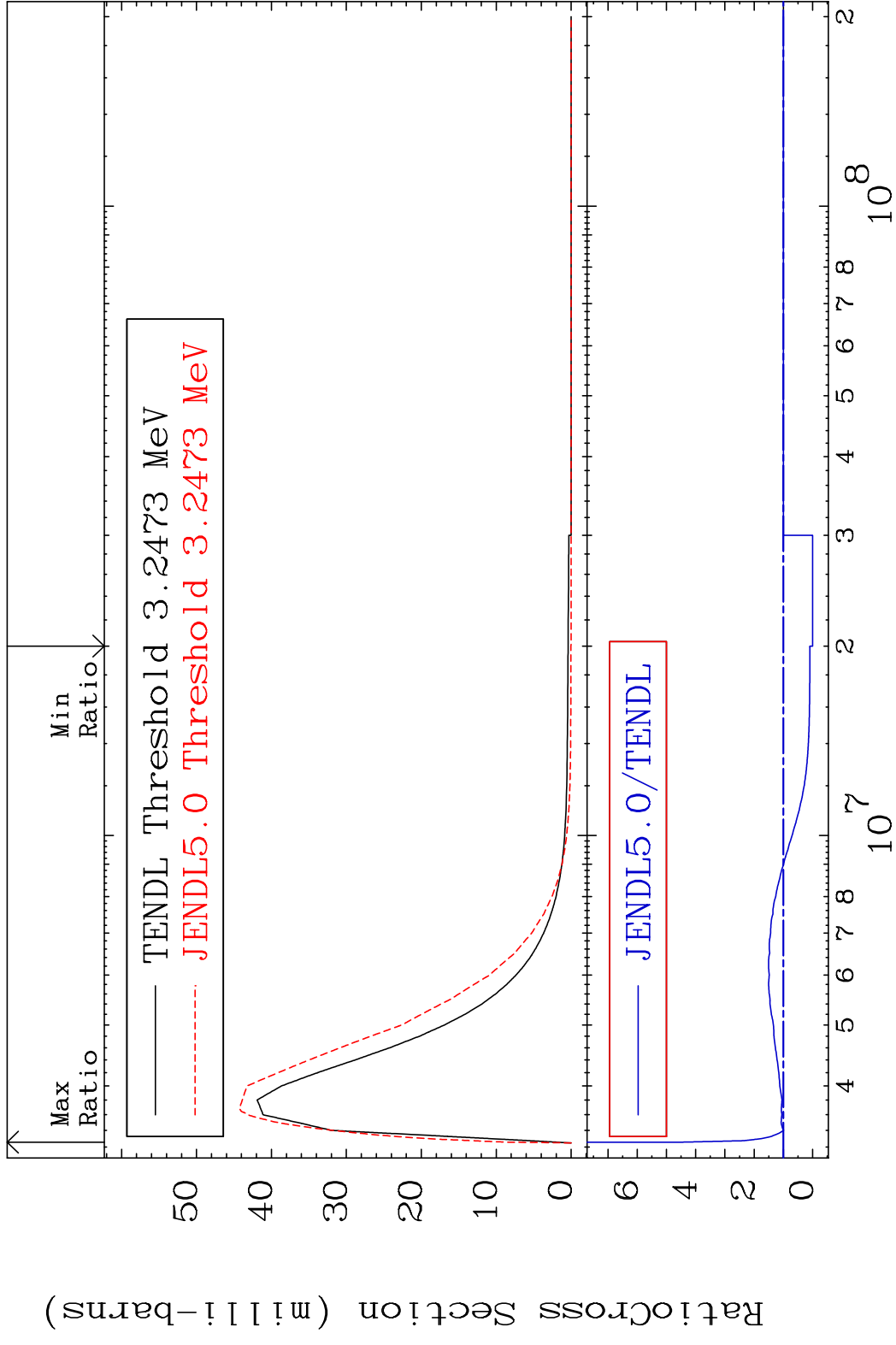


22 Incident Energy (eV) 30-Zn-64

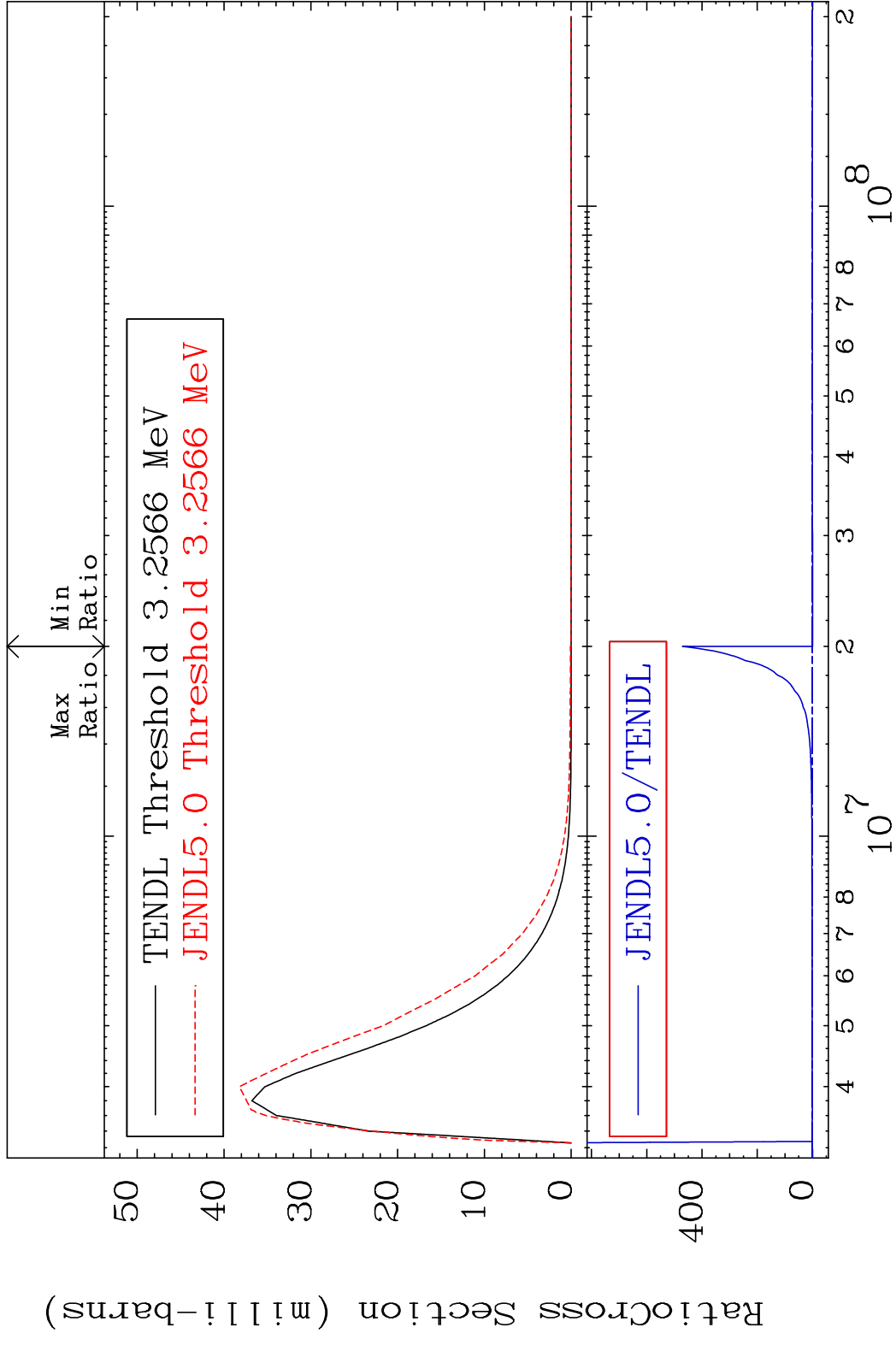
MAT 3025 MT= 64 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



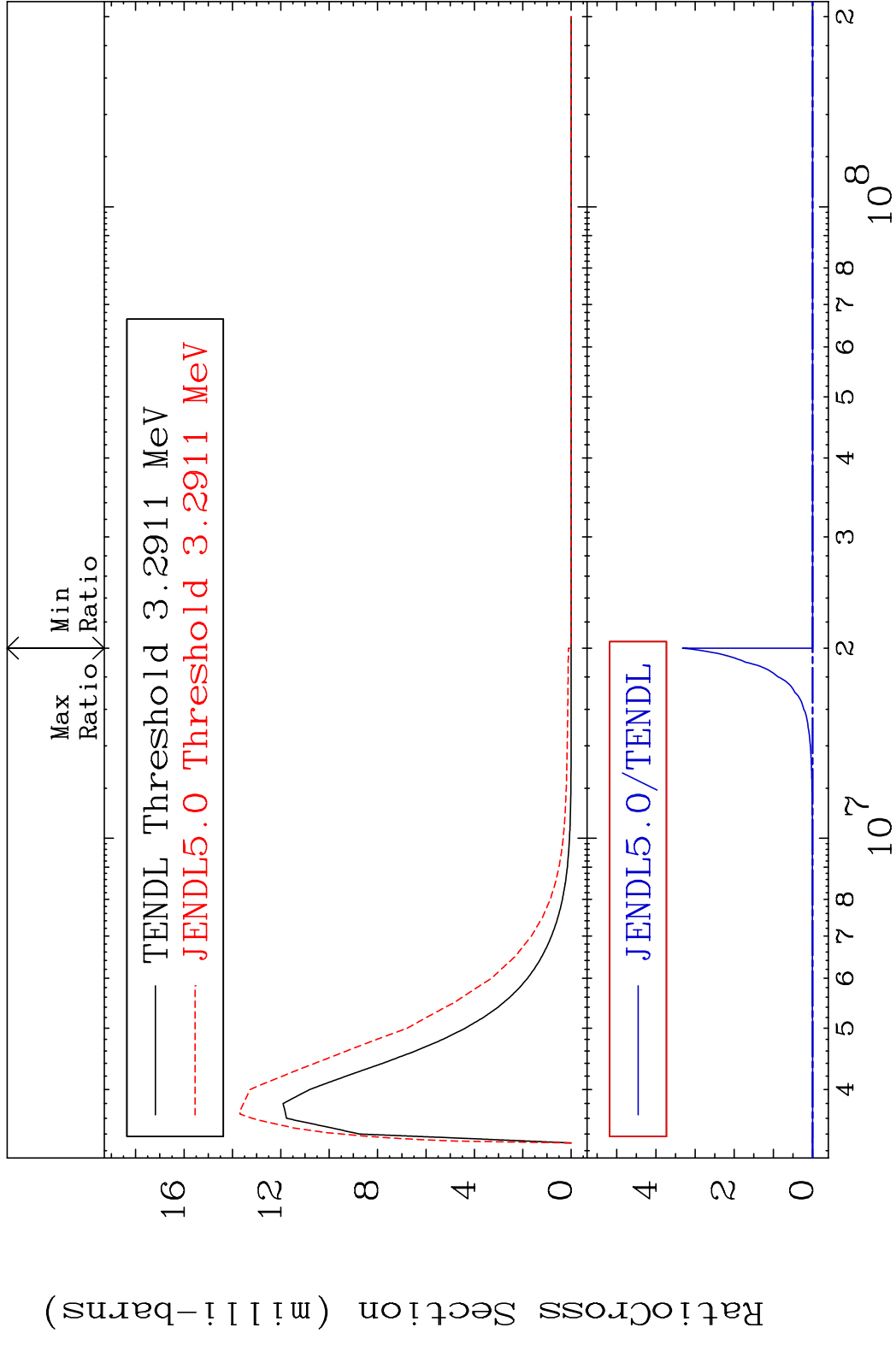
MAT 3025 MT= 65 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 345.7 %



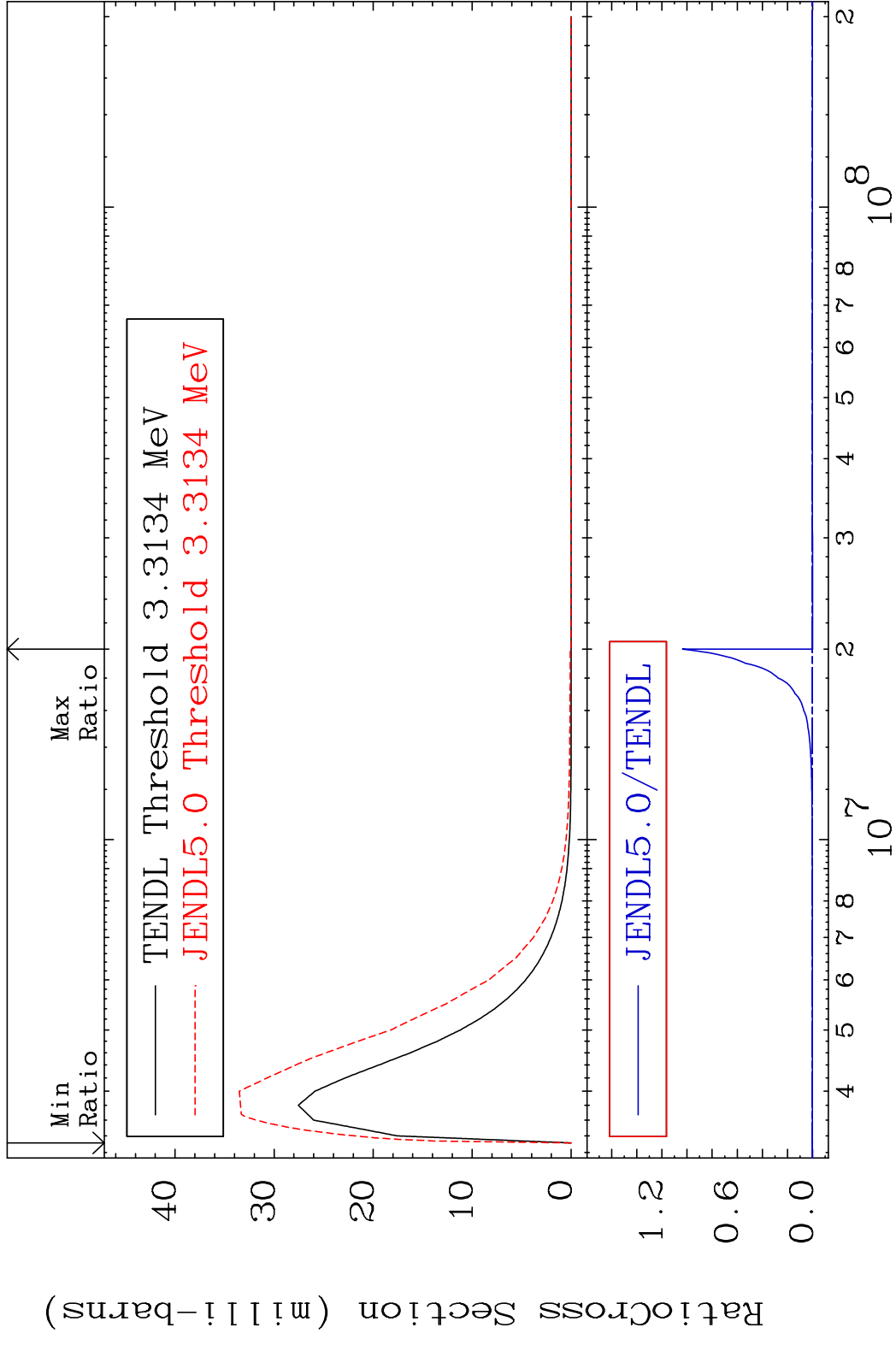
MAT 3025 MT= 66 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



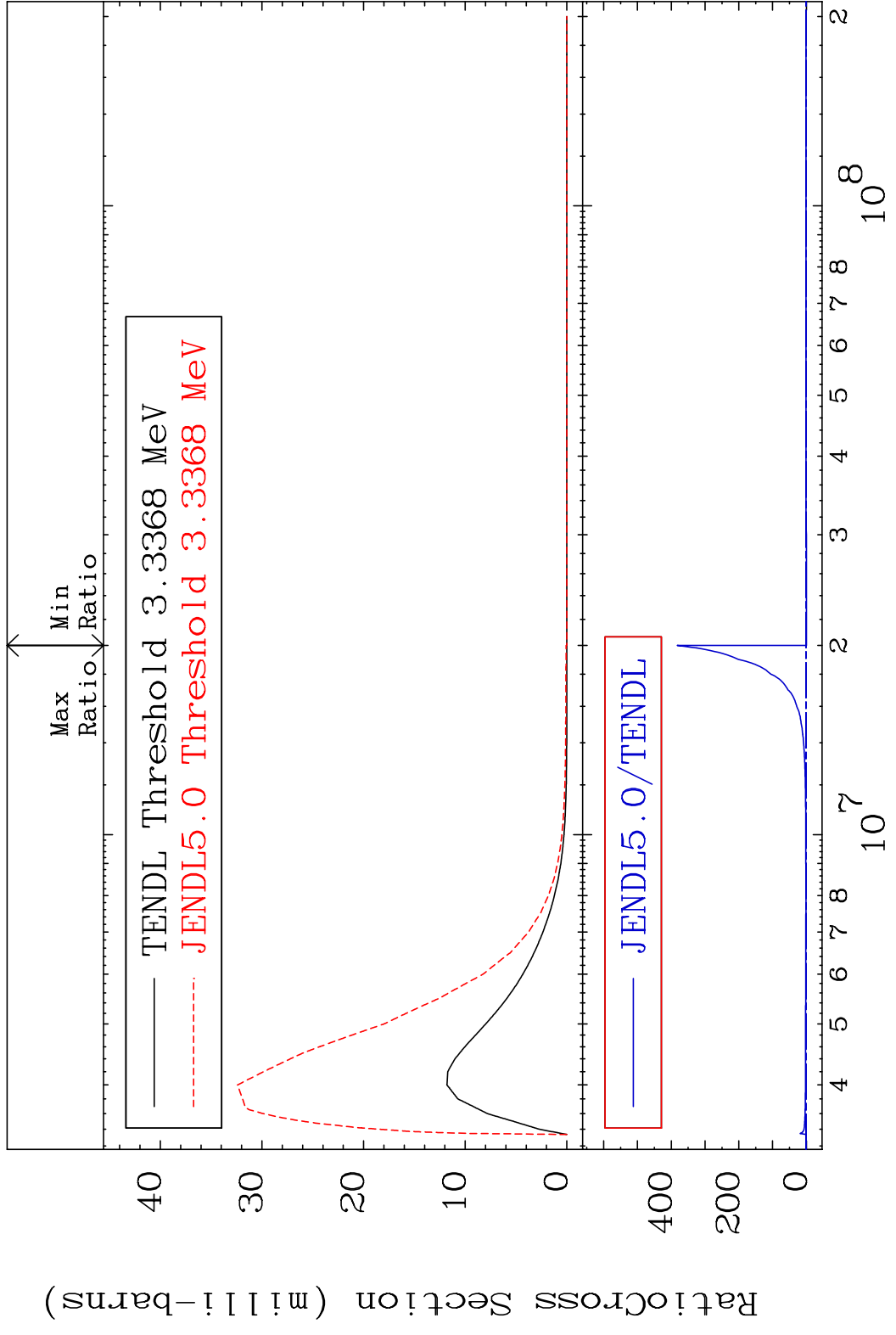
MAT 3025 MT= 67 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



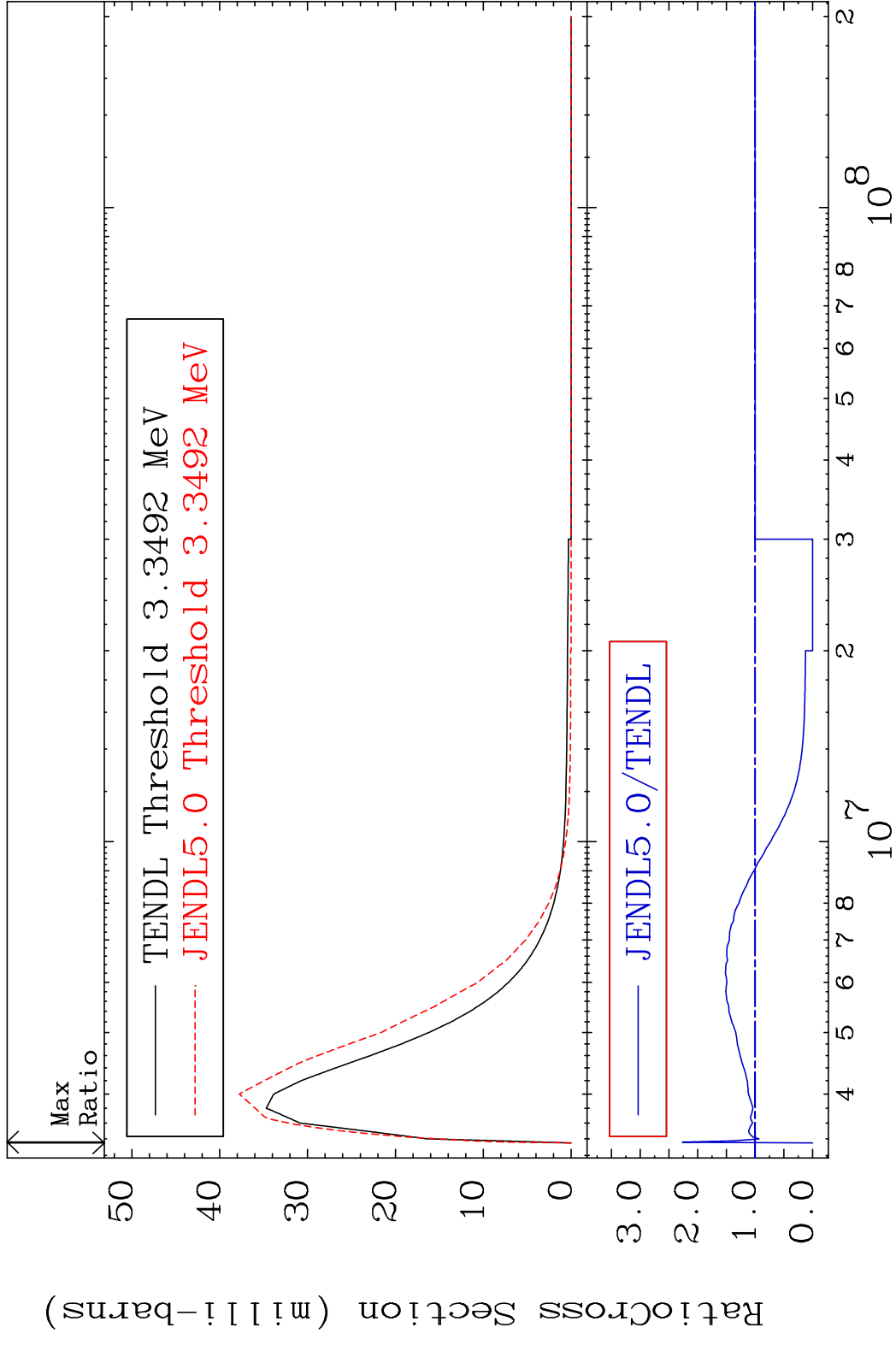
MAT 3025 MT= 68 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



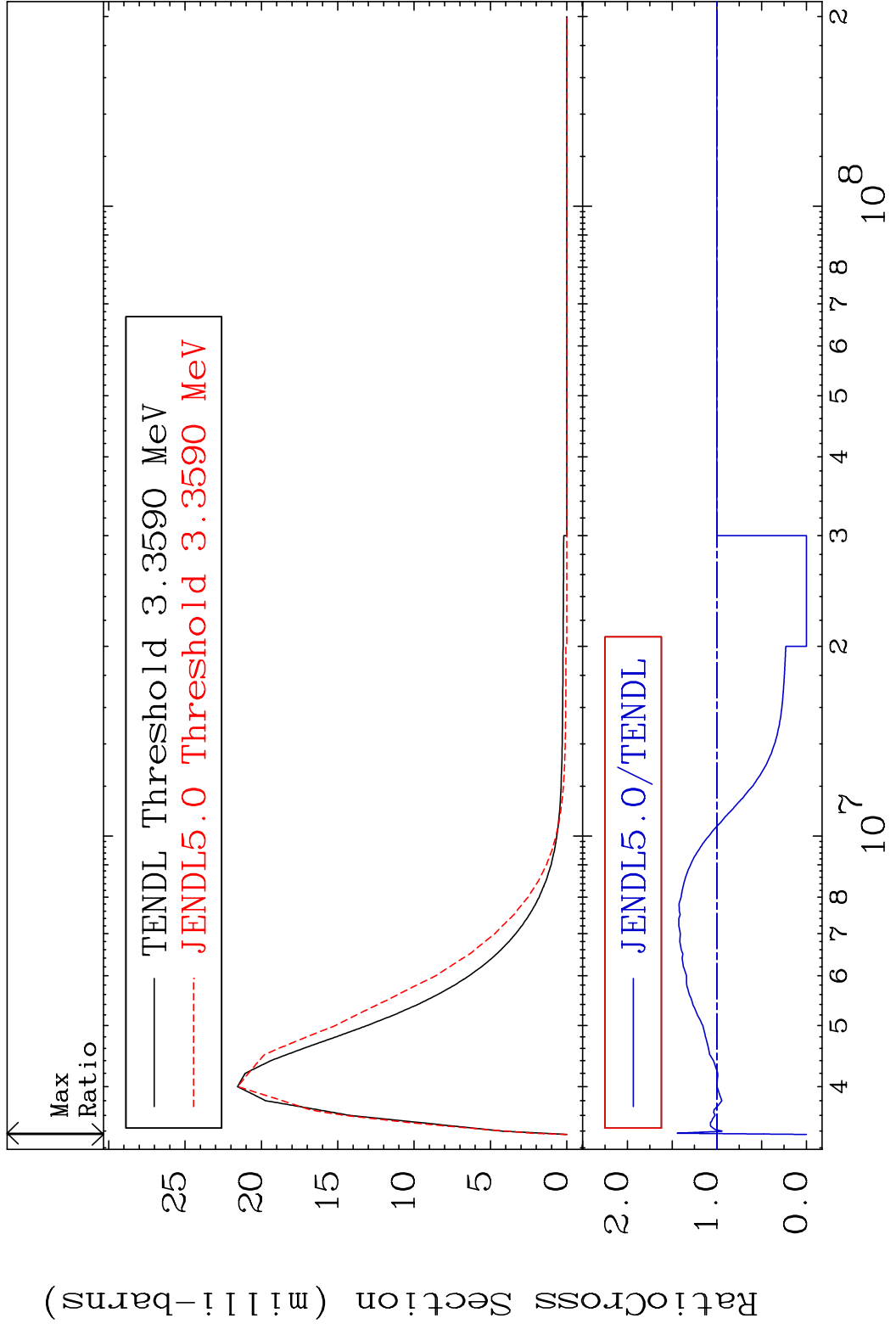
MAT 3025 MT= 69 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



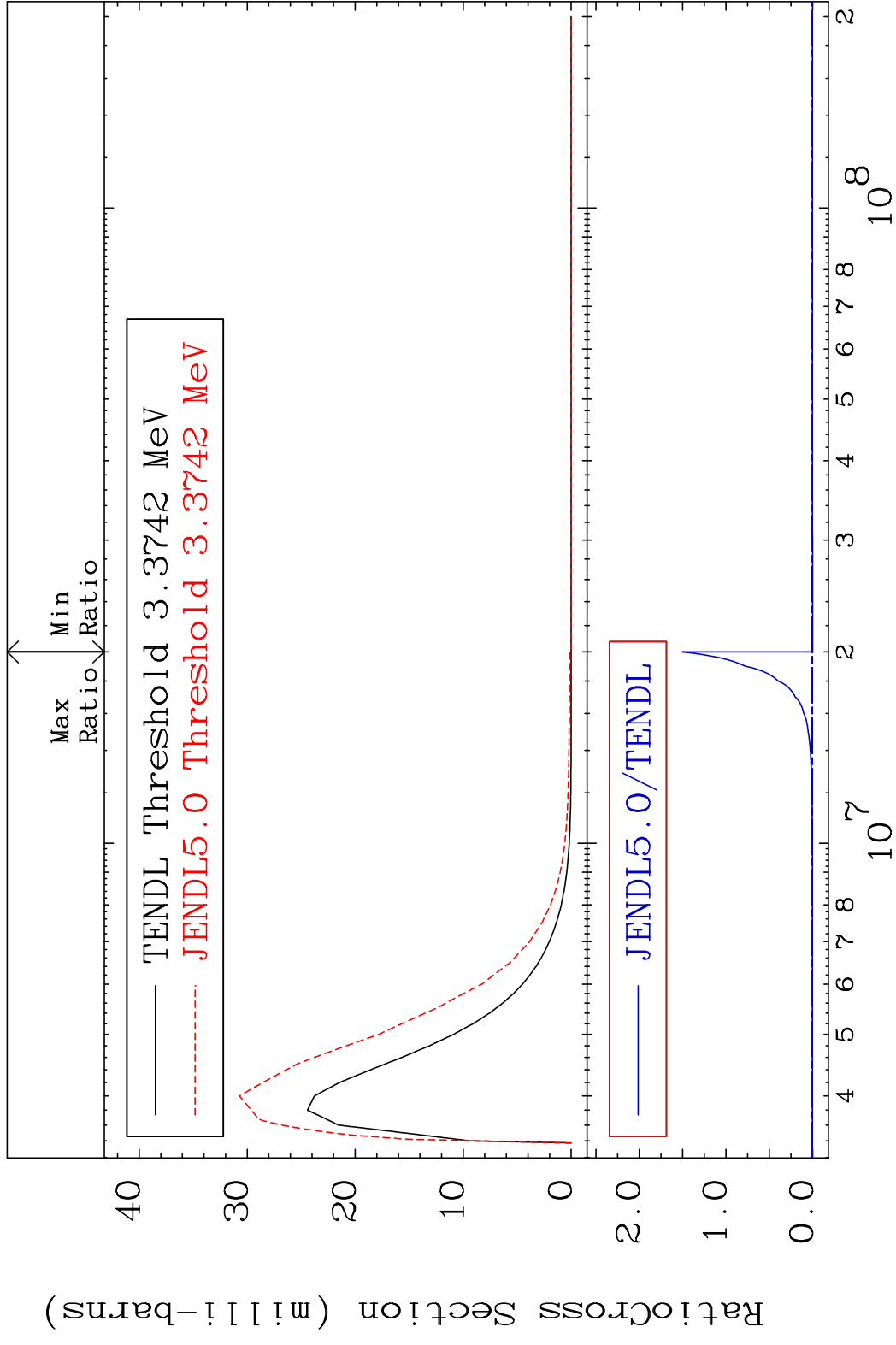
MAT 3025 MT= 70 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 126.6 %



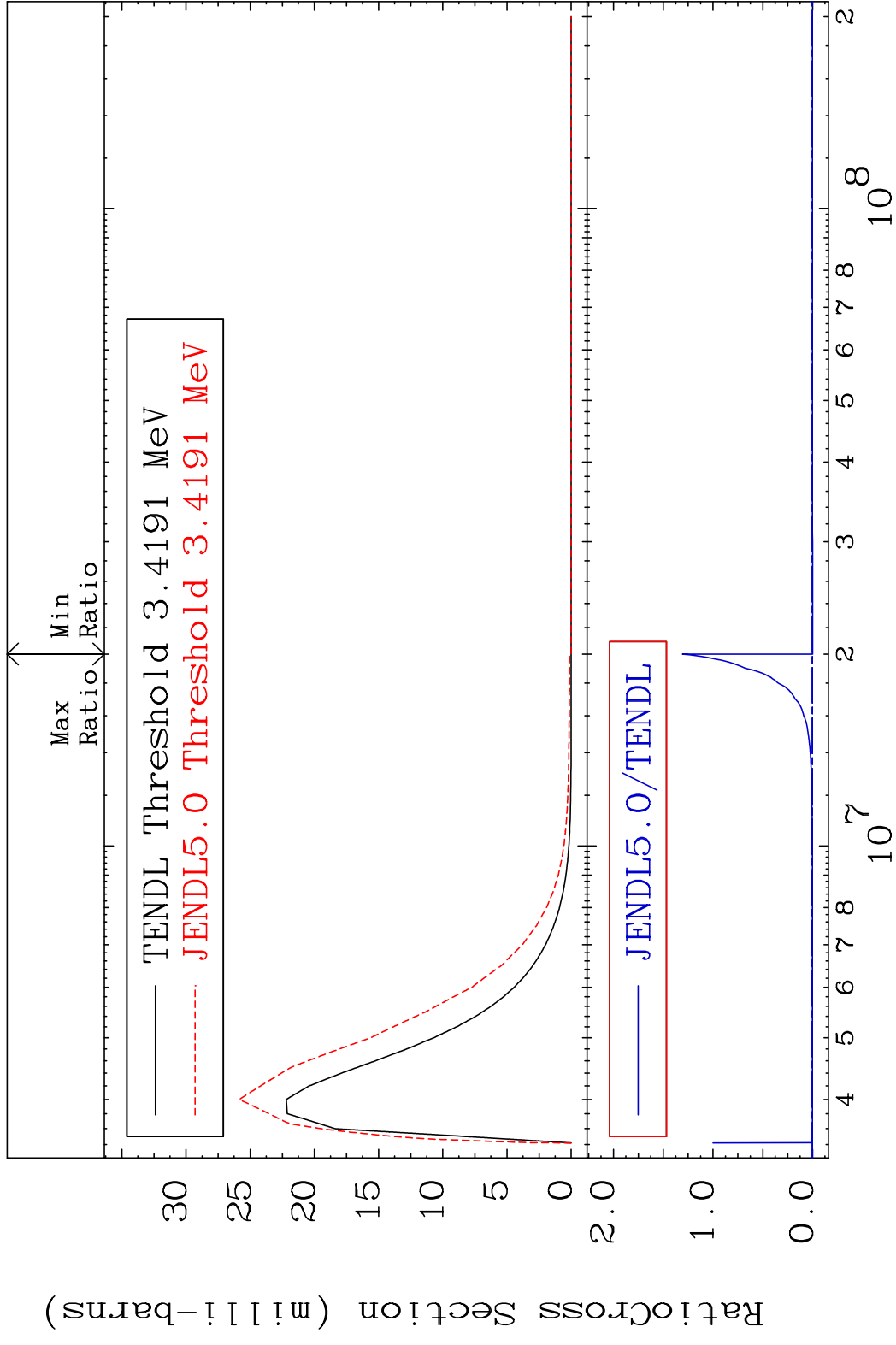
MAT 3025 MT= 71 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 44.38 %



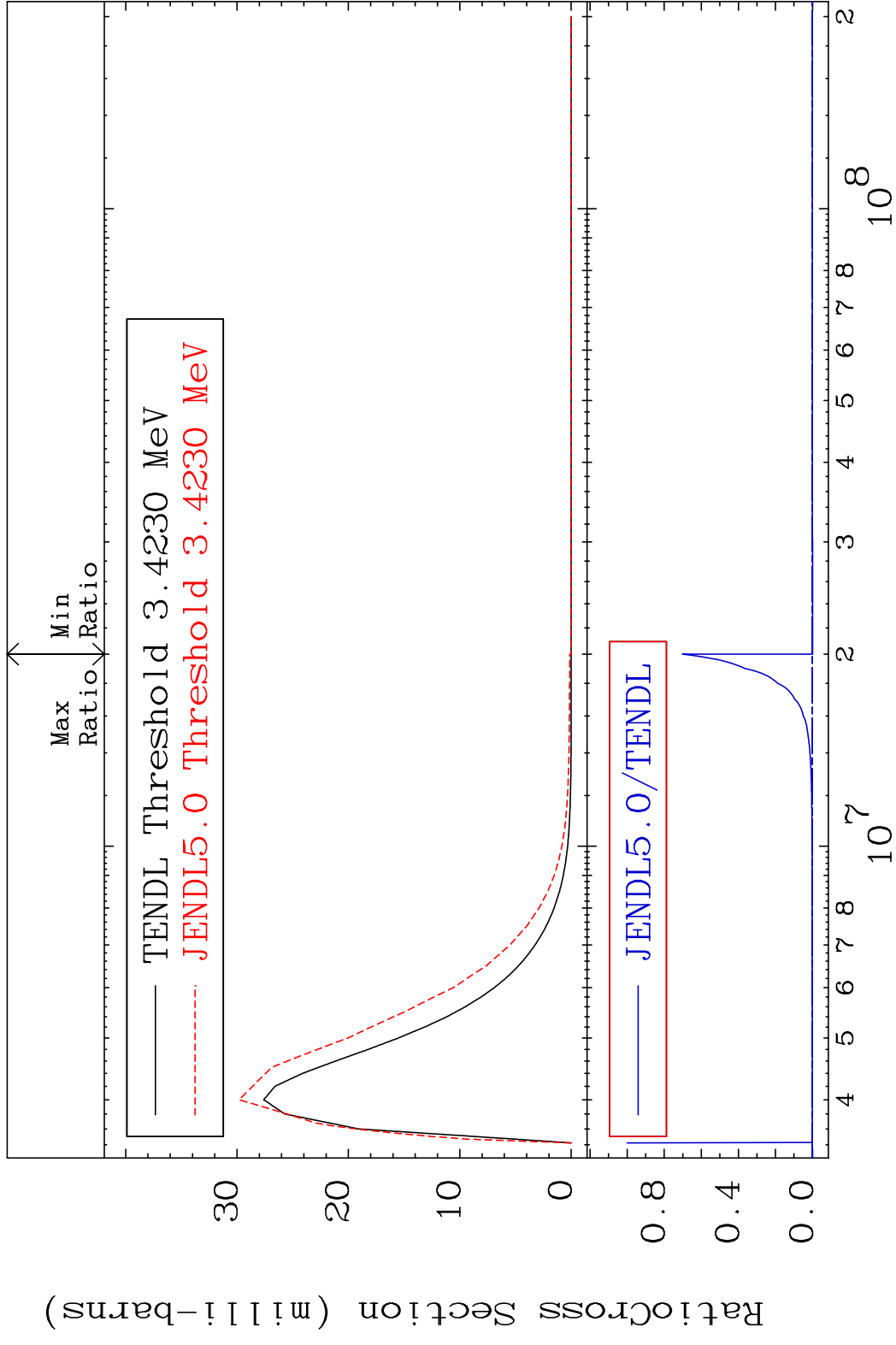
MAT 3025 MT= 72 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



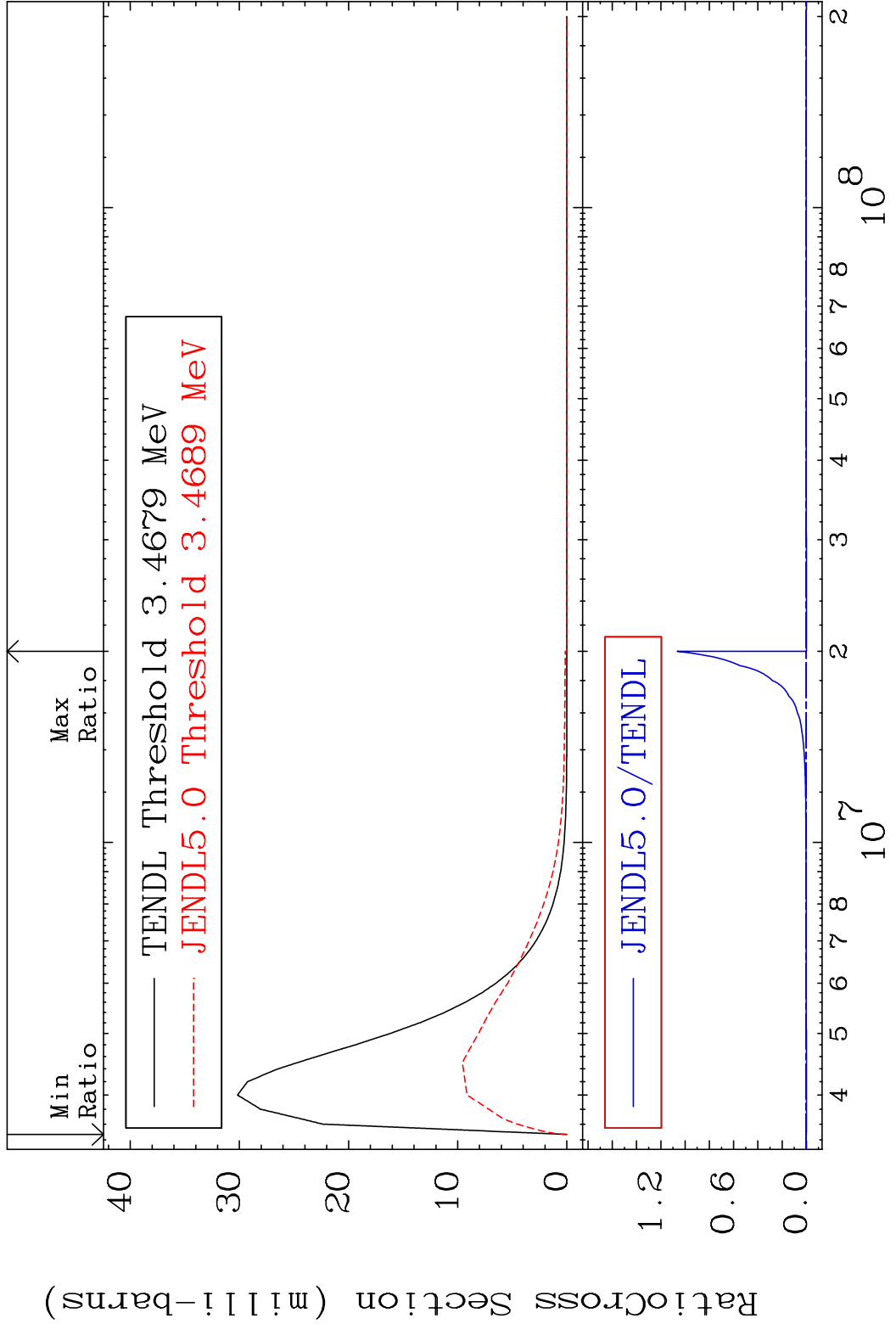
MAT 3025 MT= 73 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



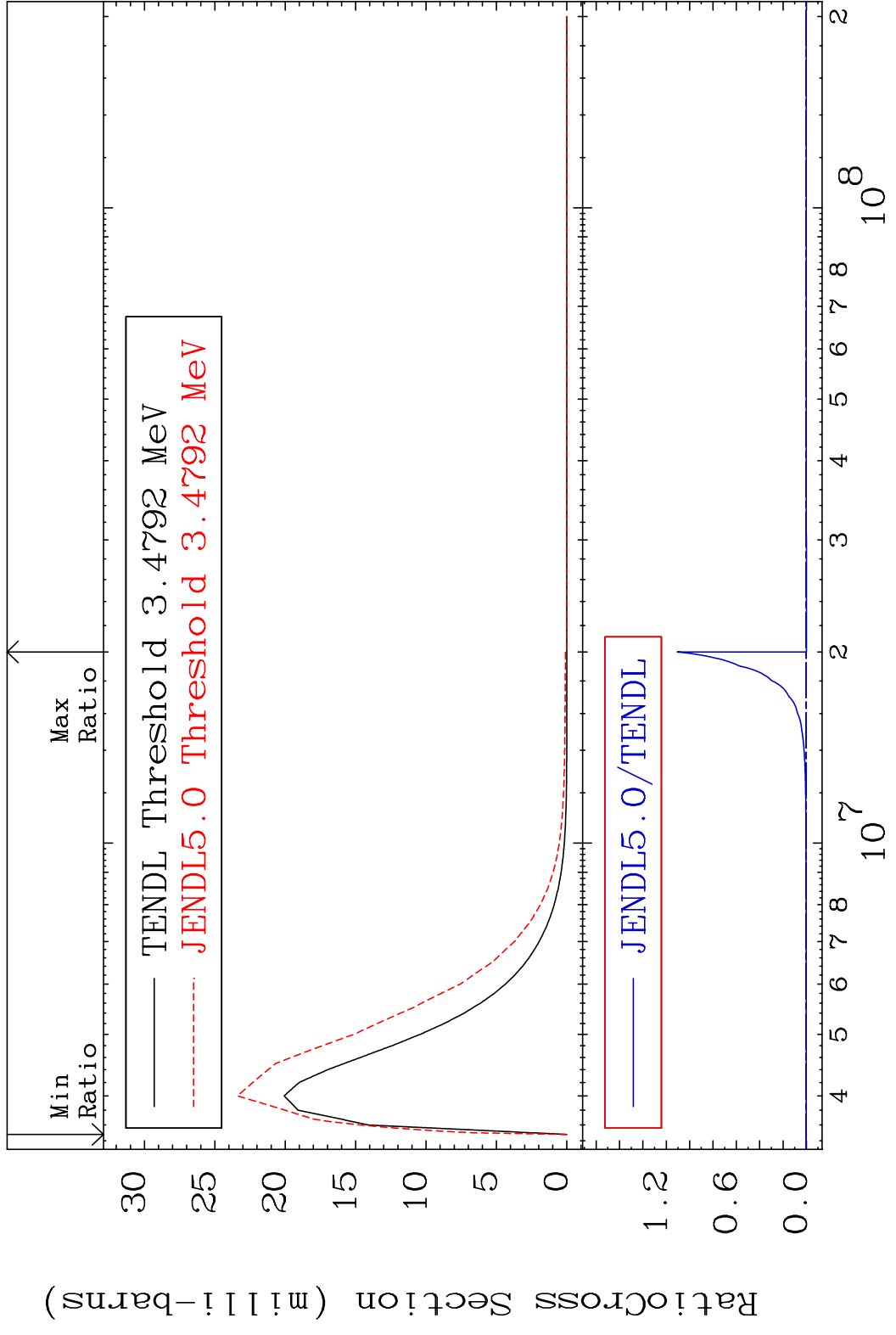
MAT 3025 MT= 74 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



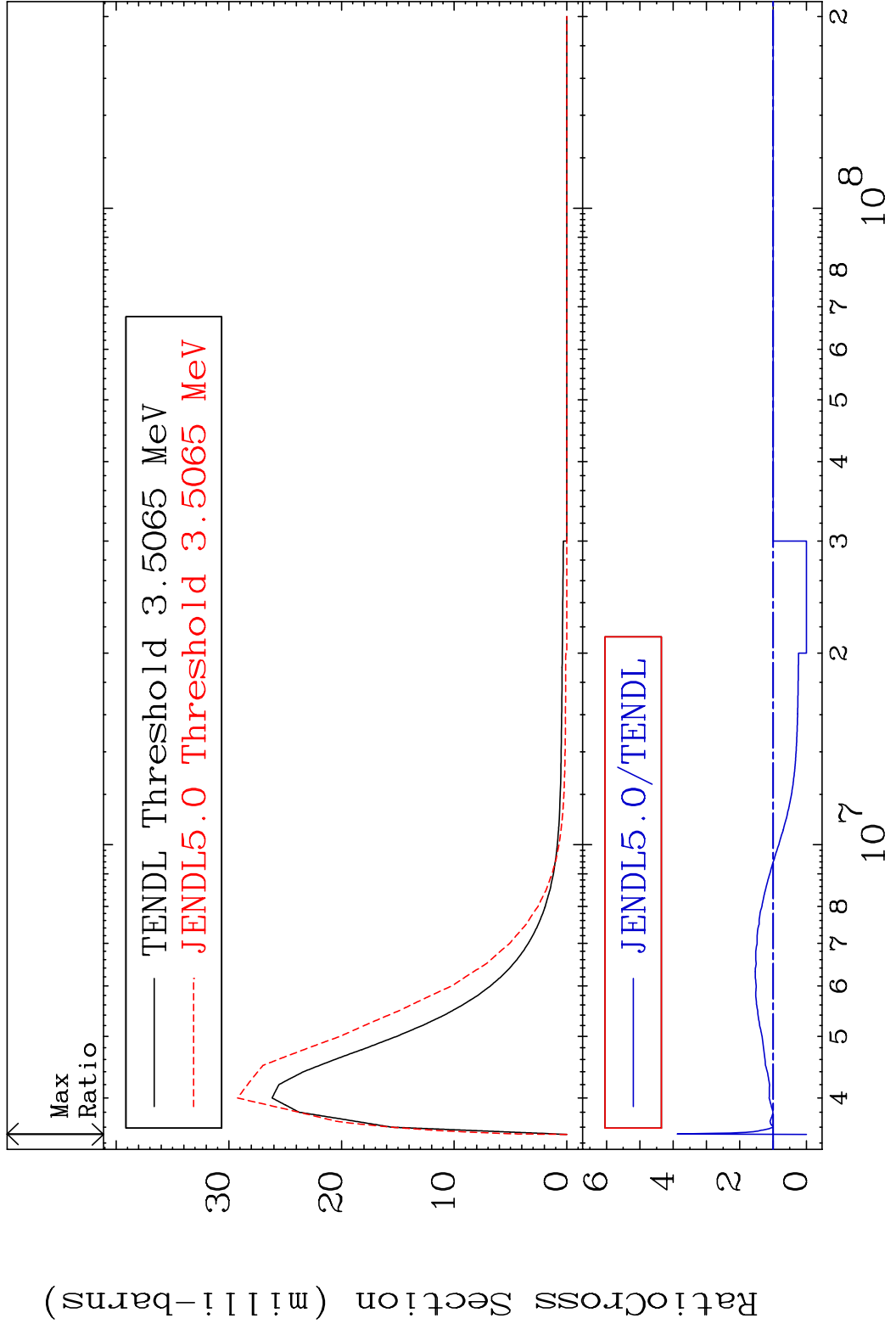
MAT 3025 MT= 75 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



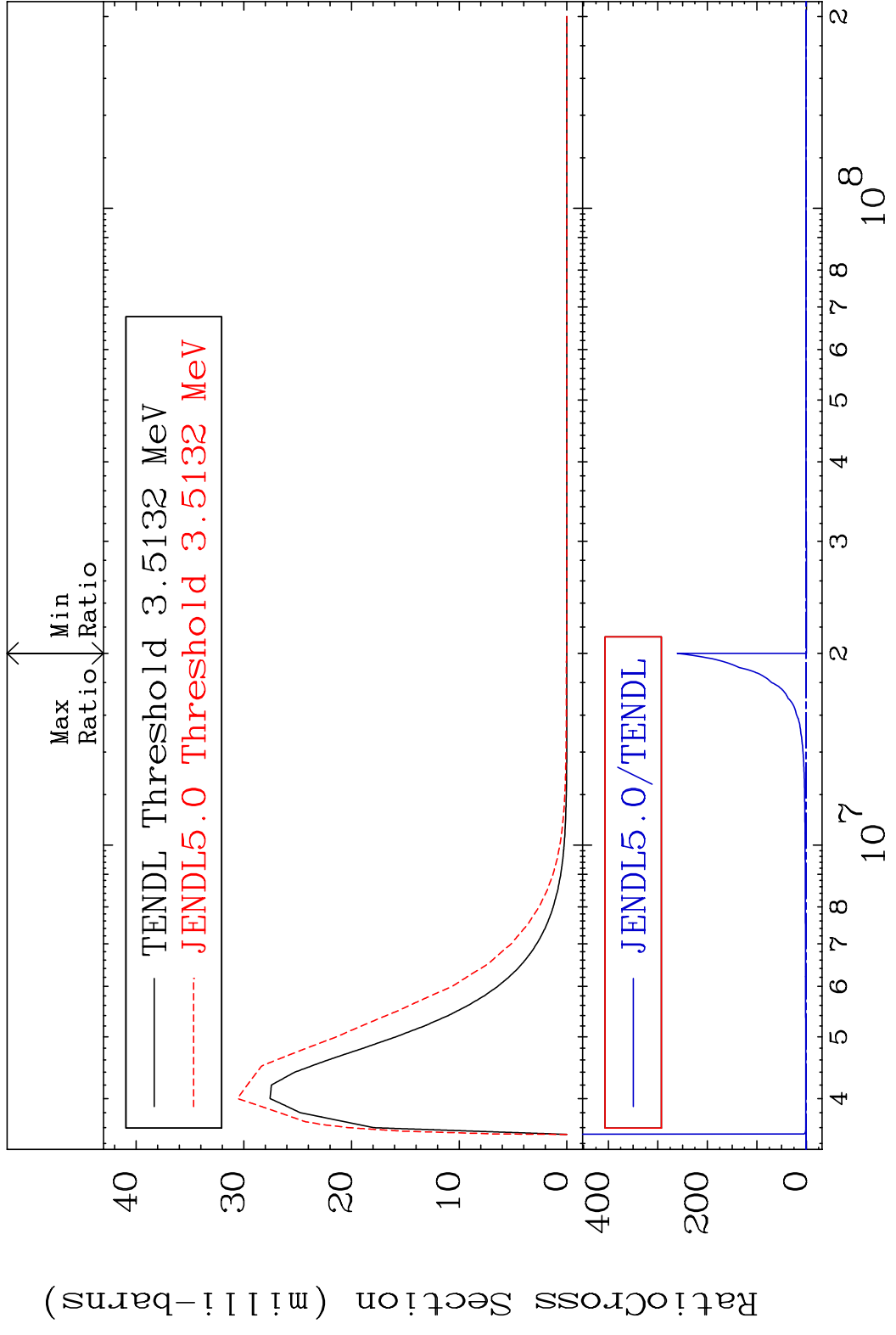
MAT 3025 MT= 76 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



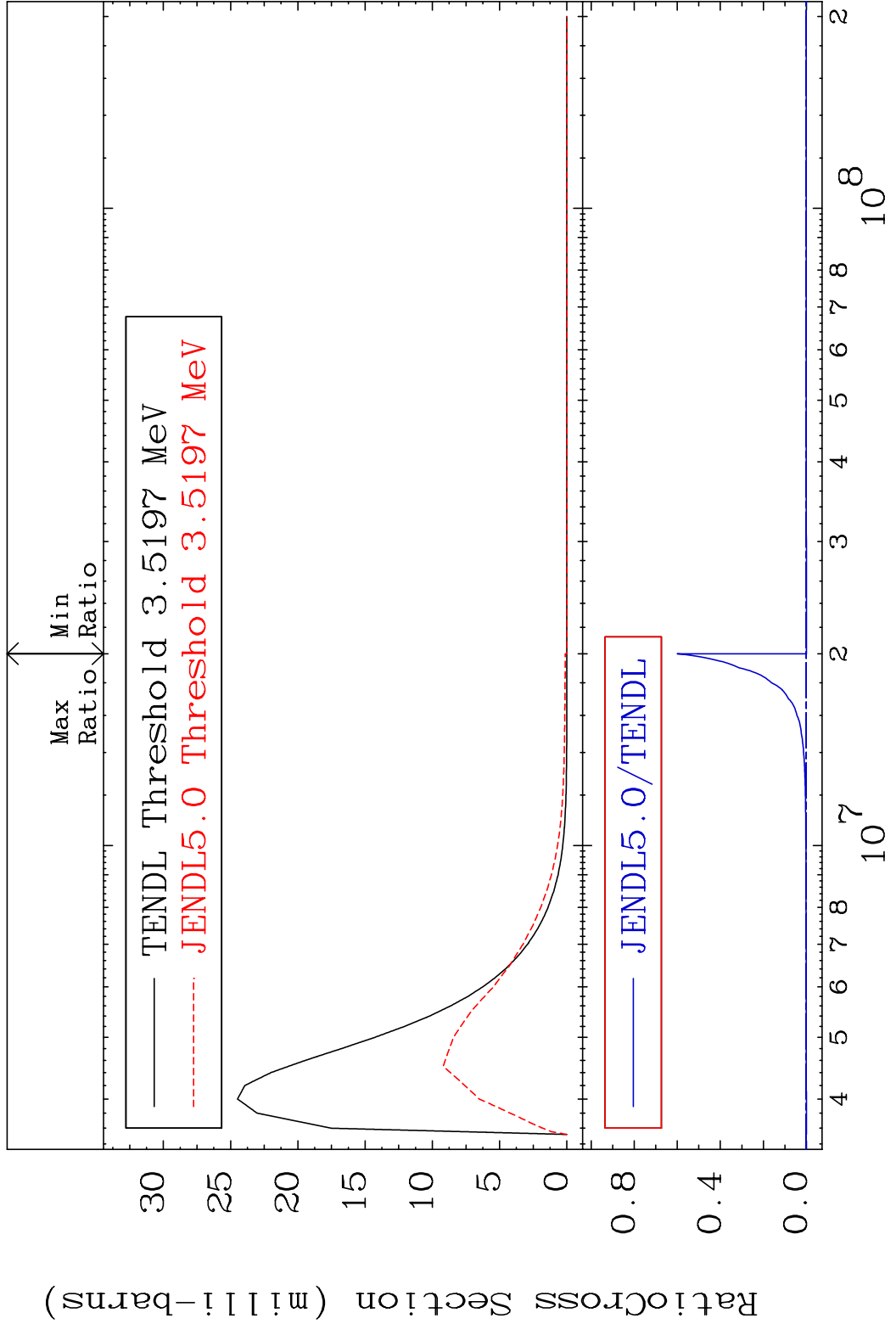
MAT 3025 MT= 77 (n,n') Level 30-Zn-64
 Cross Section -100.0 To 288.0 %



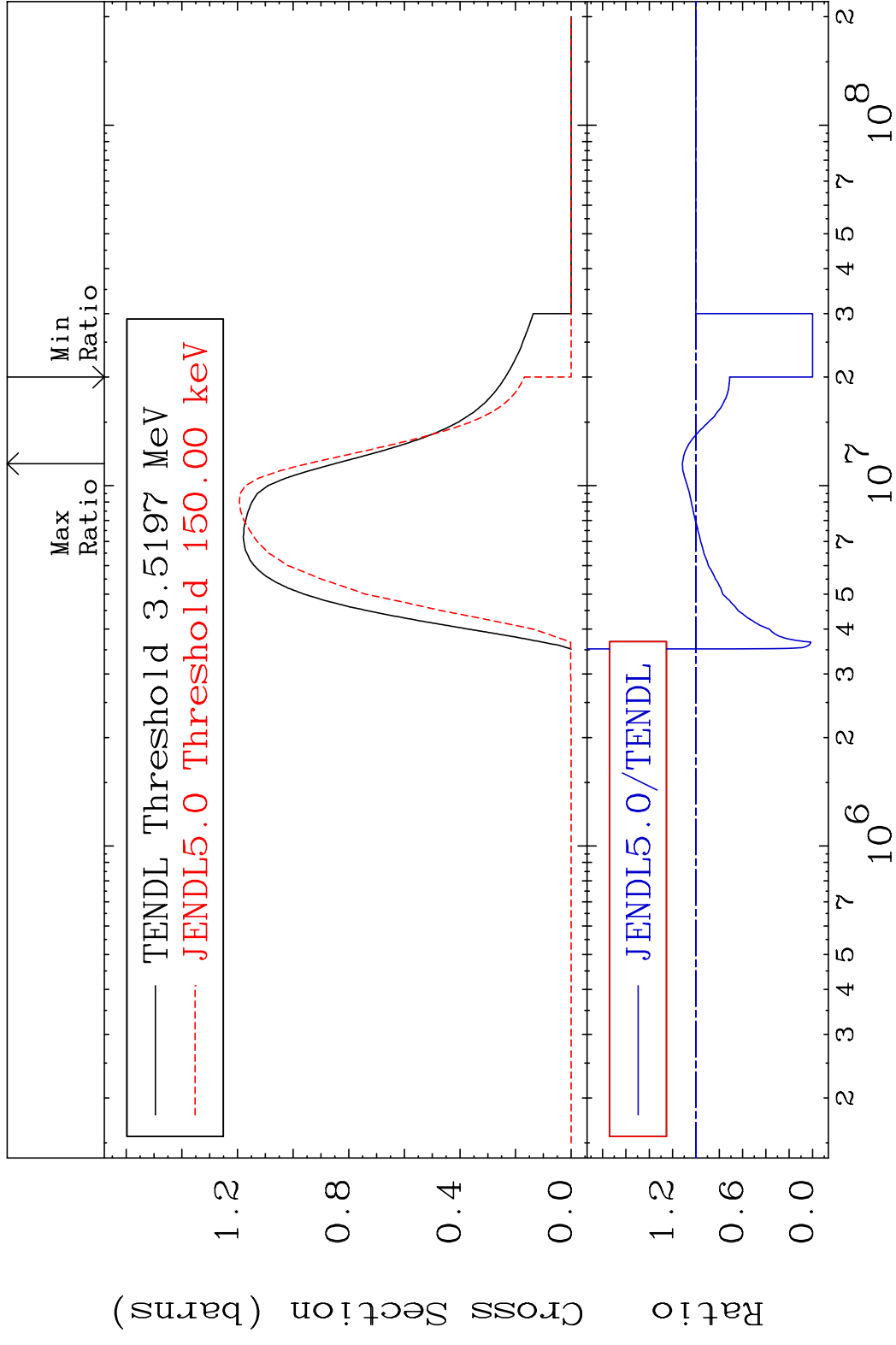
MAT 3025 MT= 78 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



MAT 3025 MT= 79 (n, n') Level 30-Zn-64
 Cross Section -100.0 To 9999. %



MAT 3025 (n, n') Continuum 30-Zn-64
 Cross Section -100.0 To 11.61 %

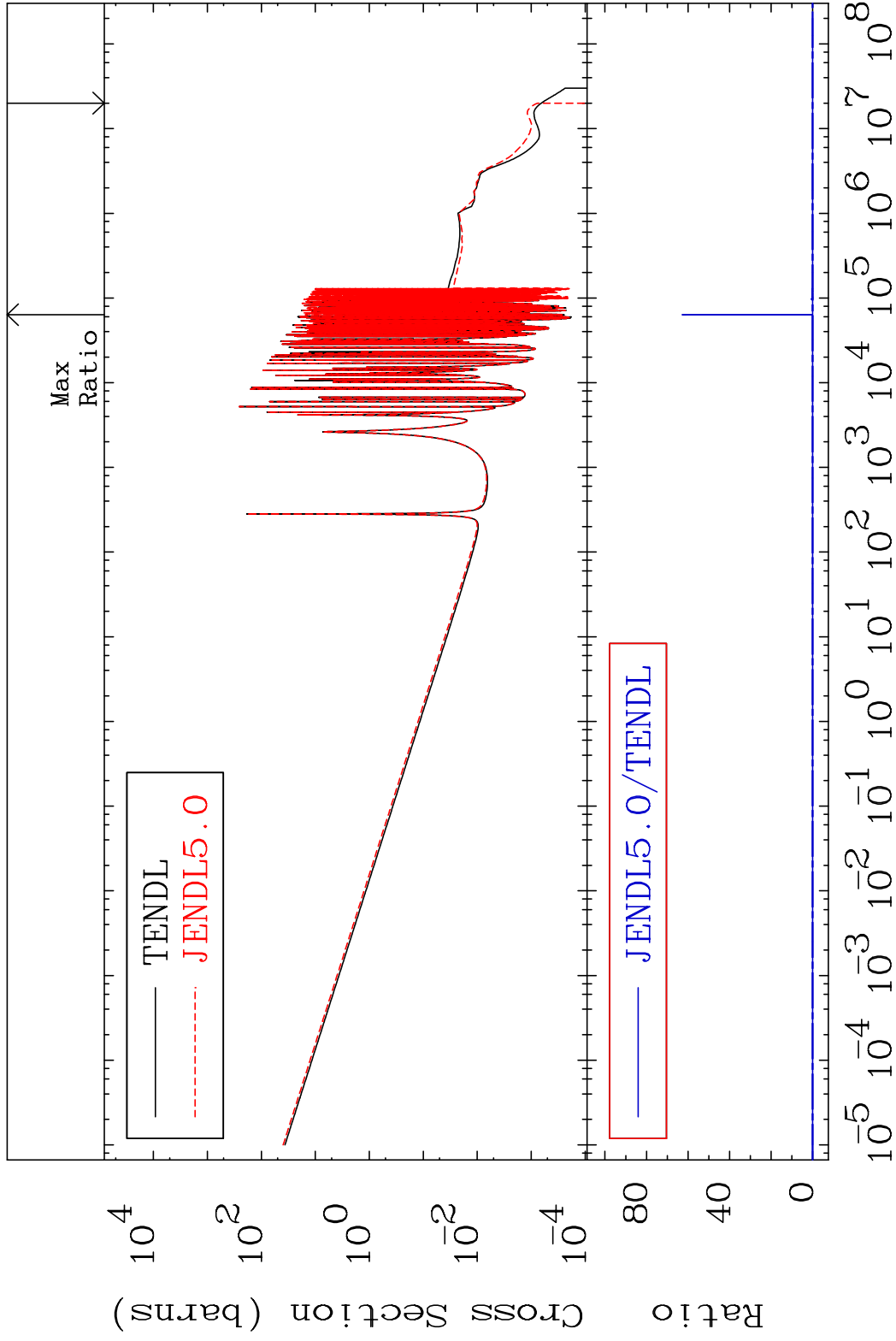


MAT 3025

(n, γ)

30-Zn-64

Cross Section -100.0 To 9999. %

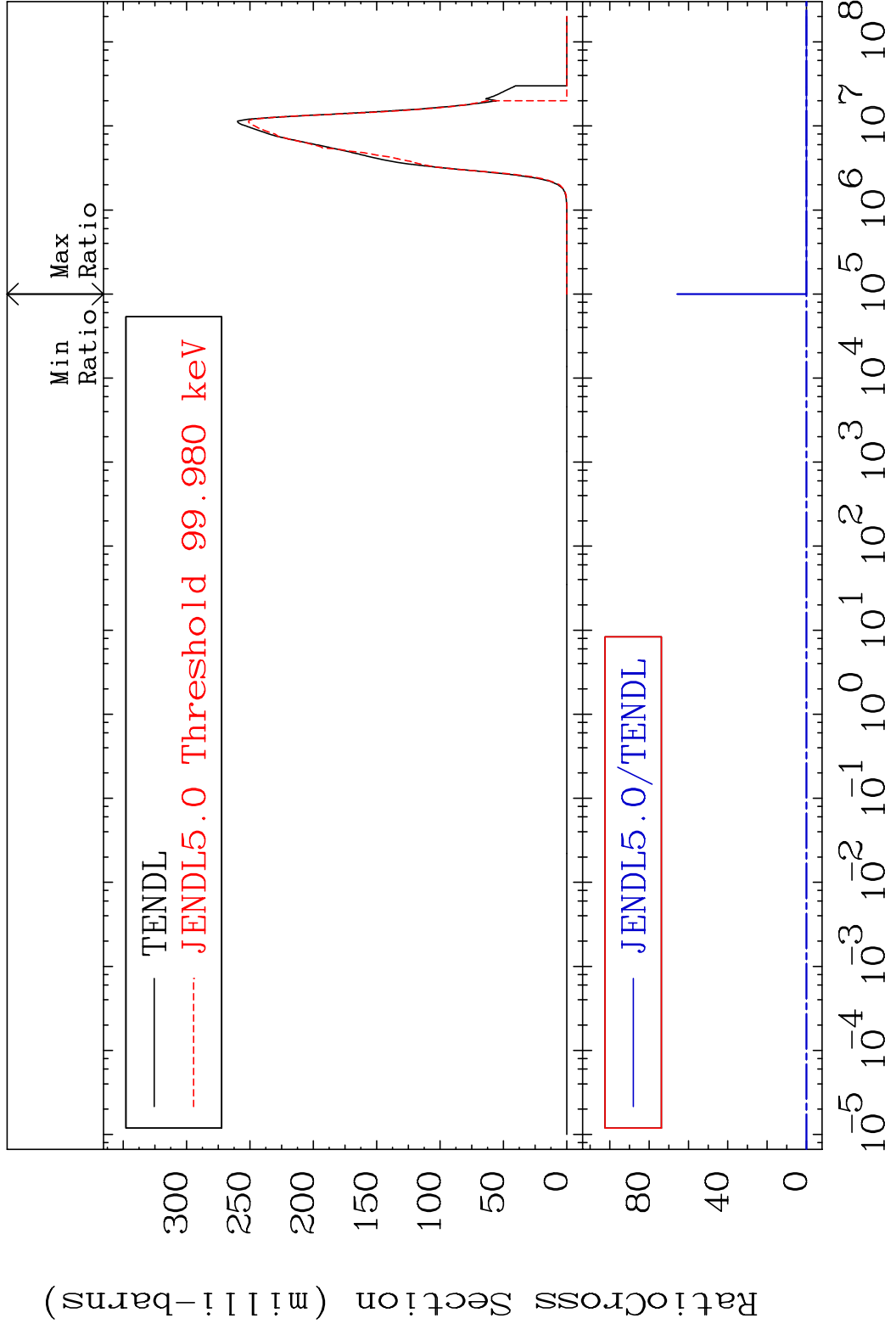


40

Incident Energy (eV)

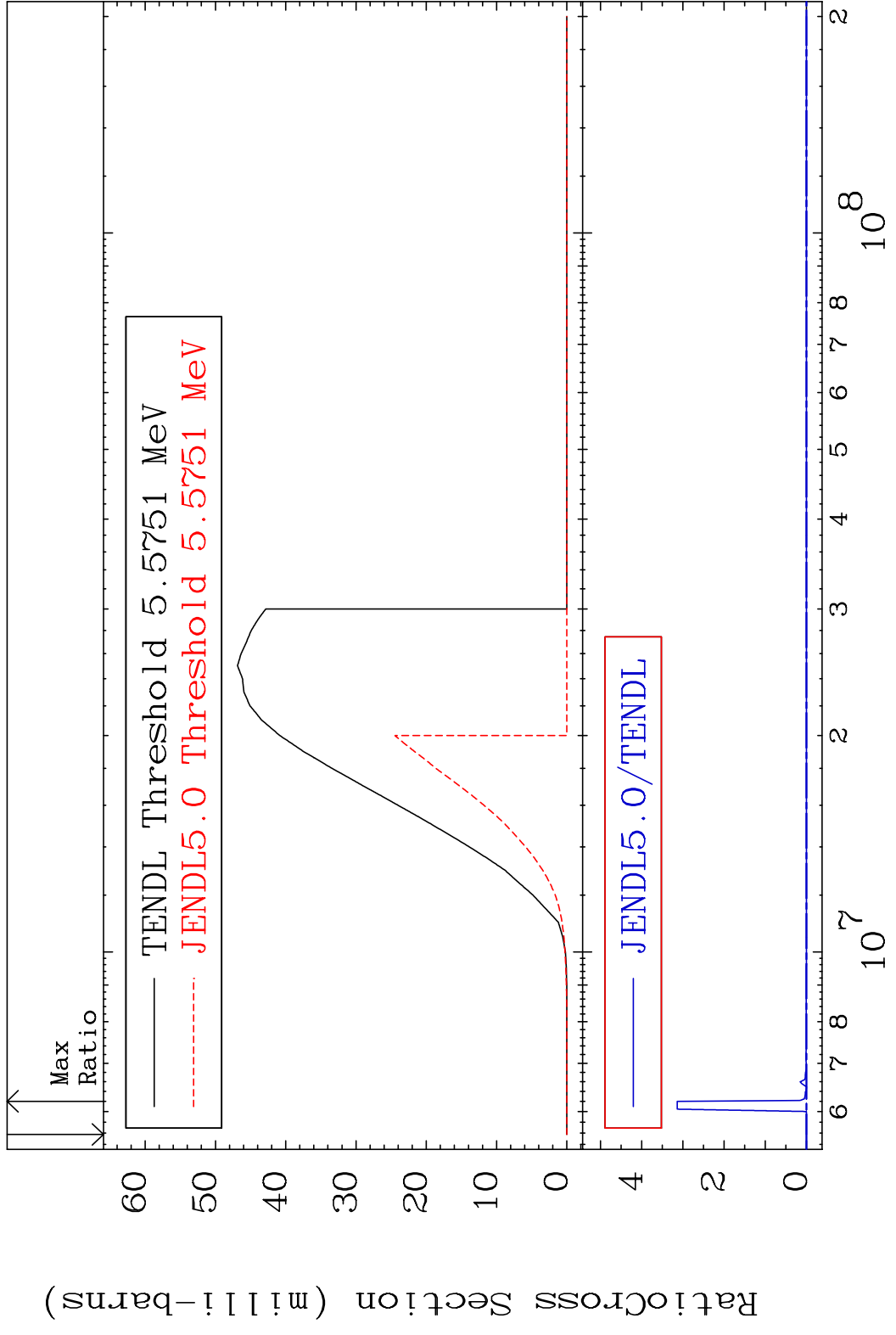
30-Zn-64

MAT 3025 (n,p) 30-Zn-64
 Cross Section -100.0 To 9999. %



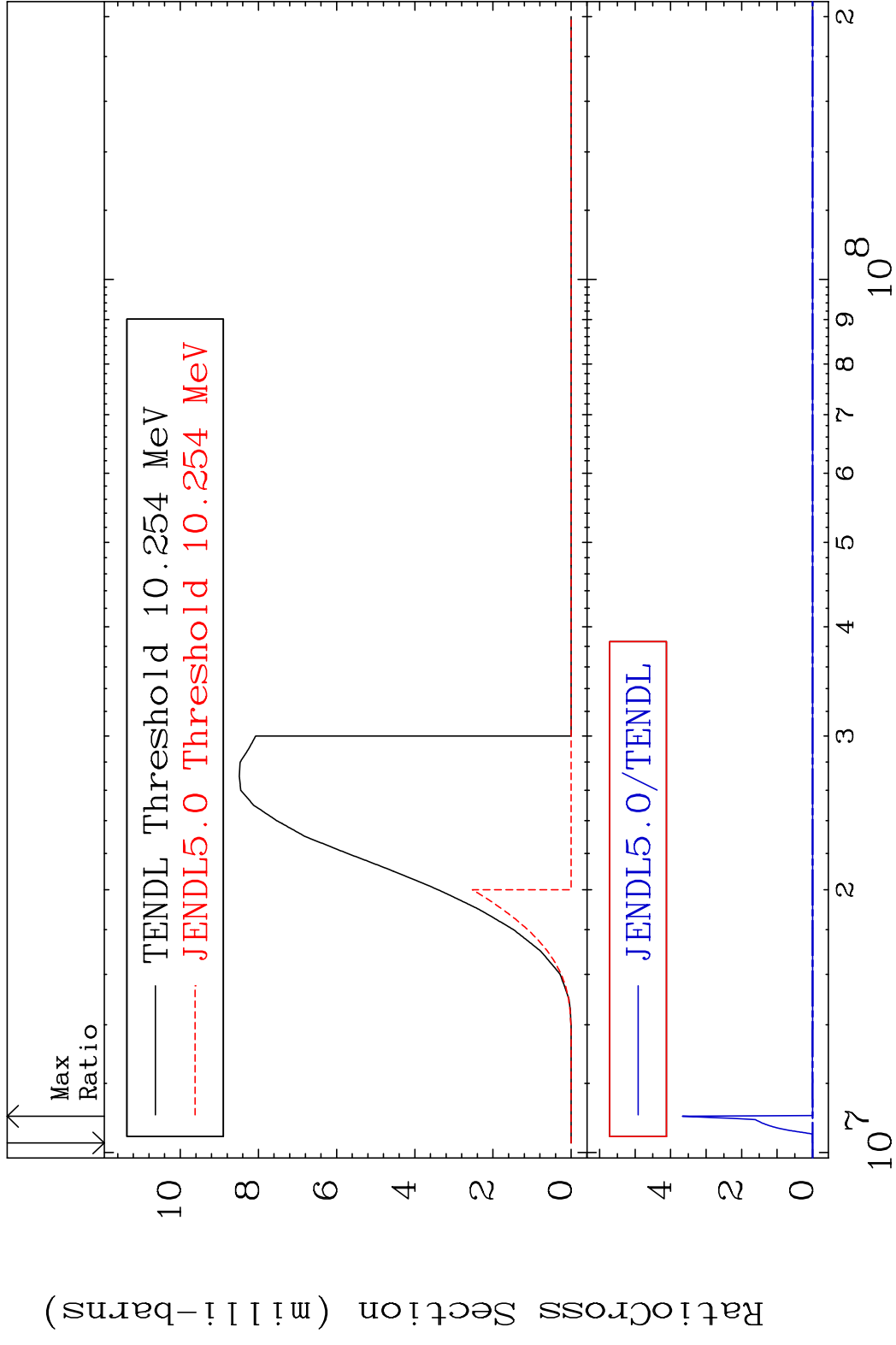
41 Incident Energy (eV) 30-Zn-64

MAT 3025 (n,d) 30-Zn-64
 Cross Section -100.0 To 9999. %



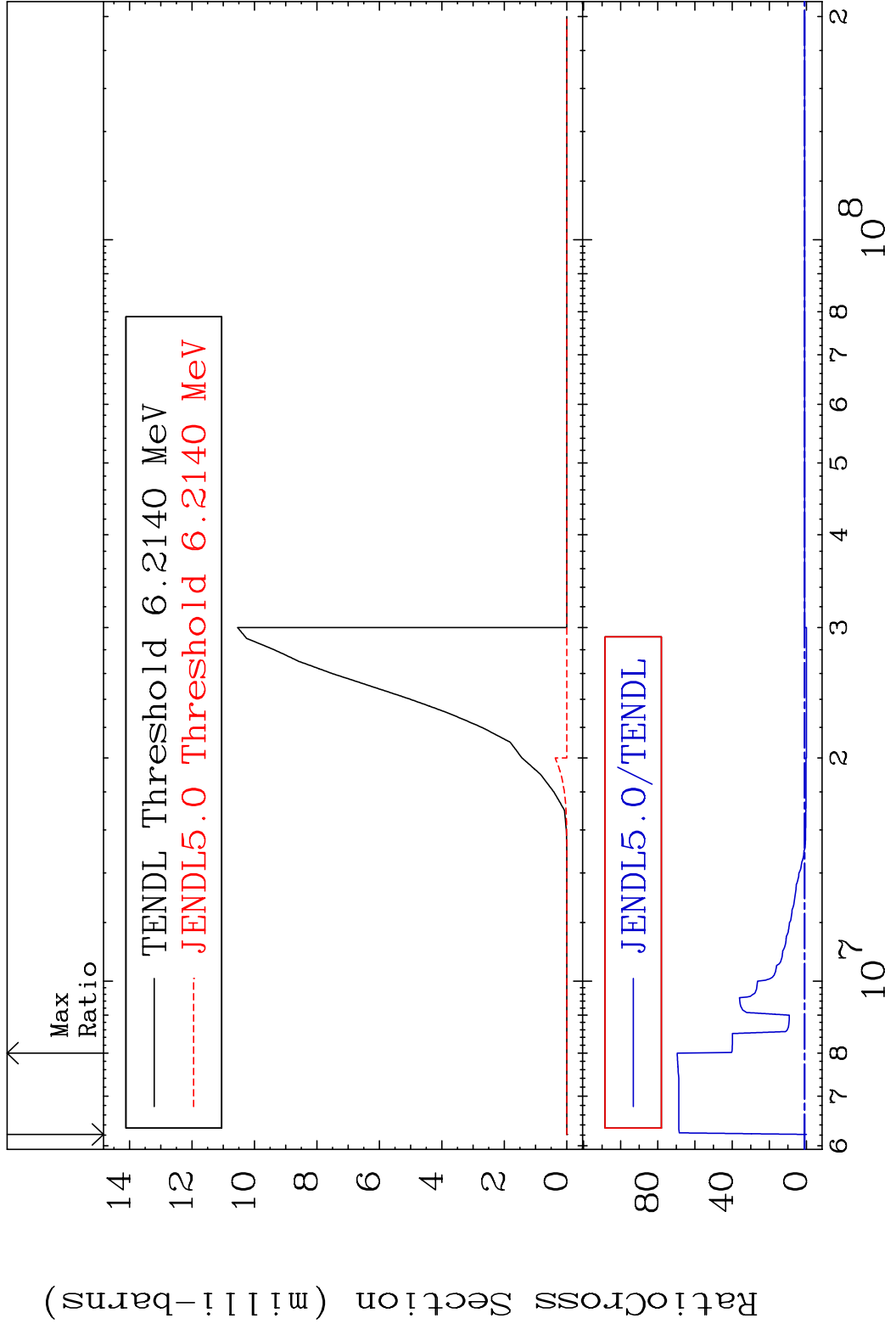
42 30-Zn-64

MAT 3025 (n, t) 30-Zn-64
 Cross Section -100.0 To 9999. %



43 30-Zn-64

MAT 3025 (n, He-3) 30-Zn-64
 Cross Section -100.0 To 6858. %

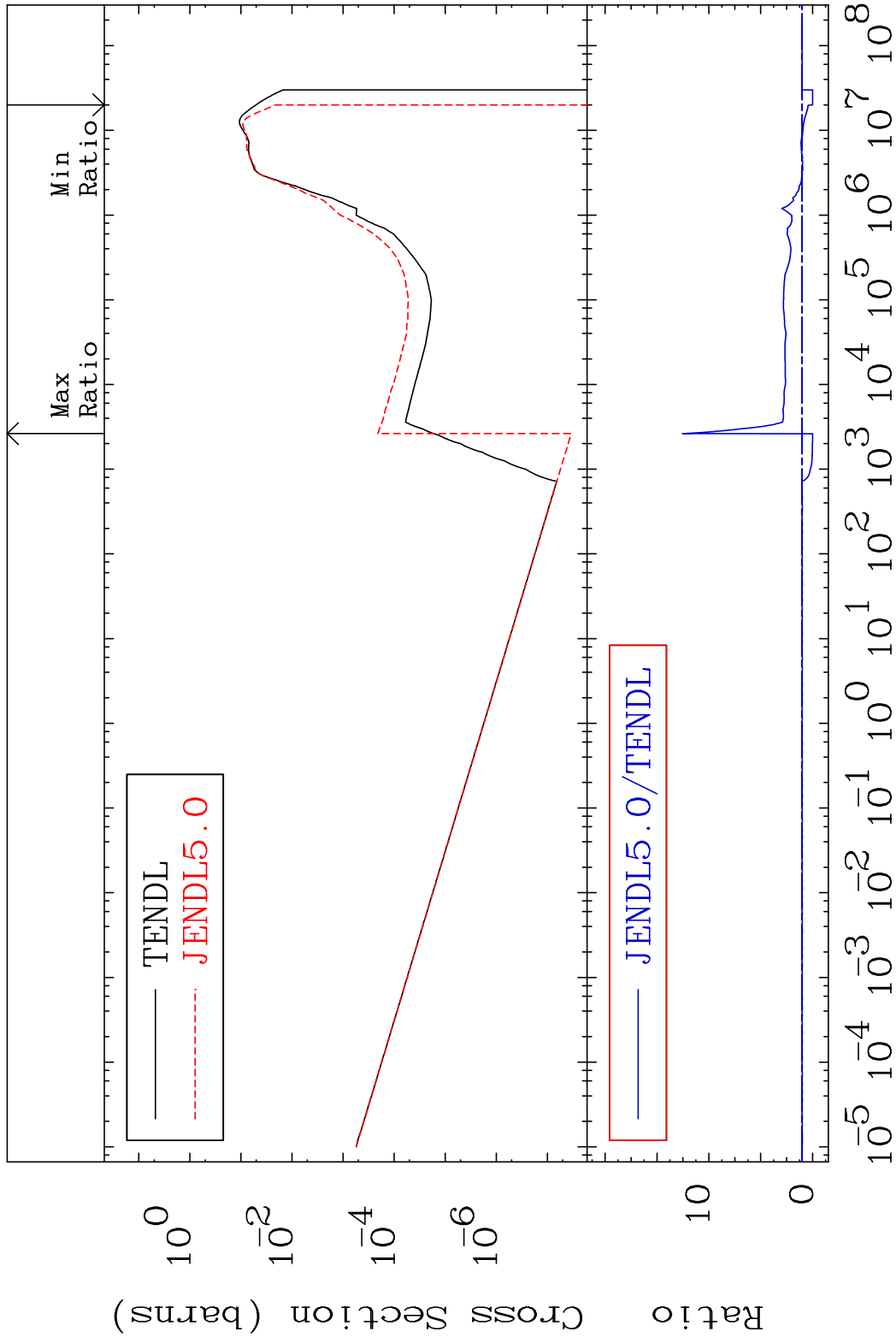


MAT 3025

(n, α)

30-Zn-64

Cross Section -100.0 To 1155. %

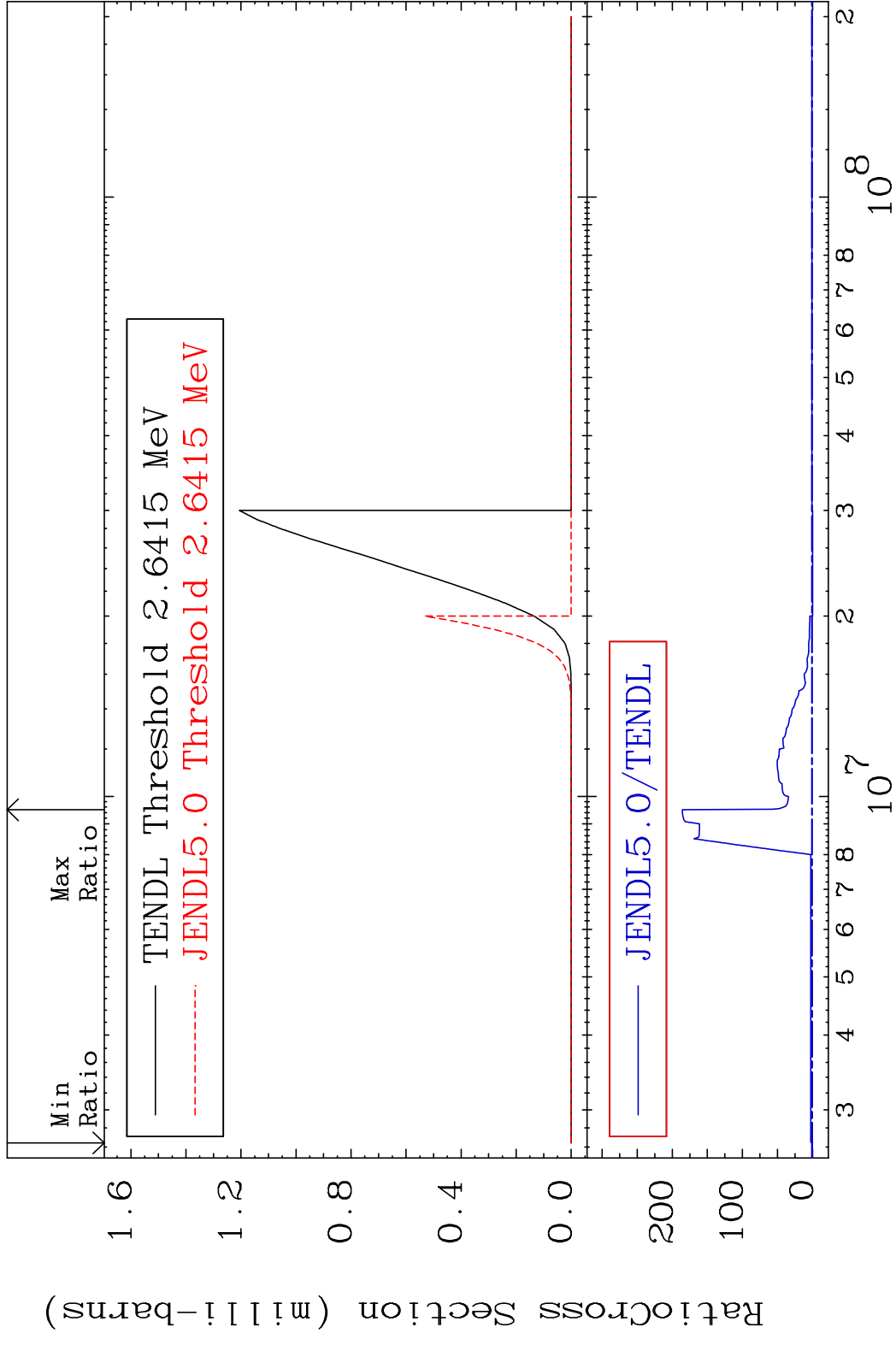


45

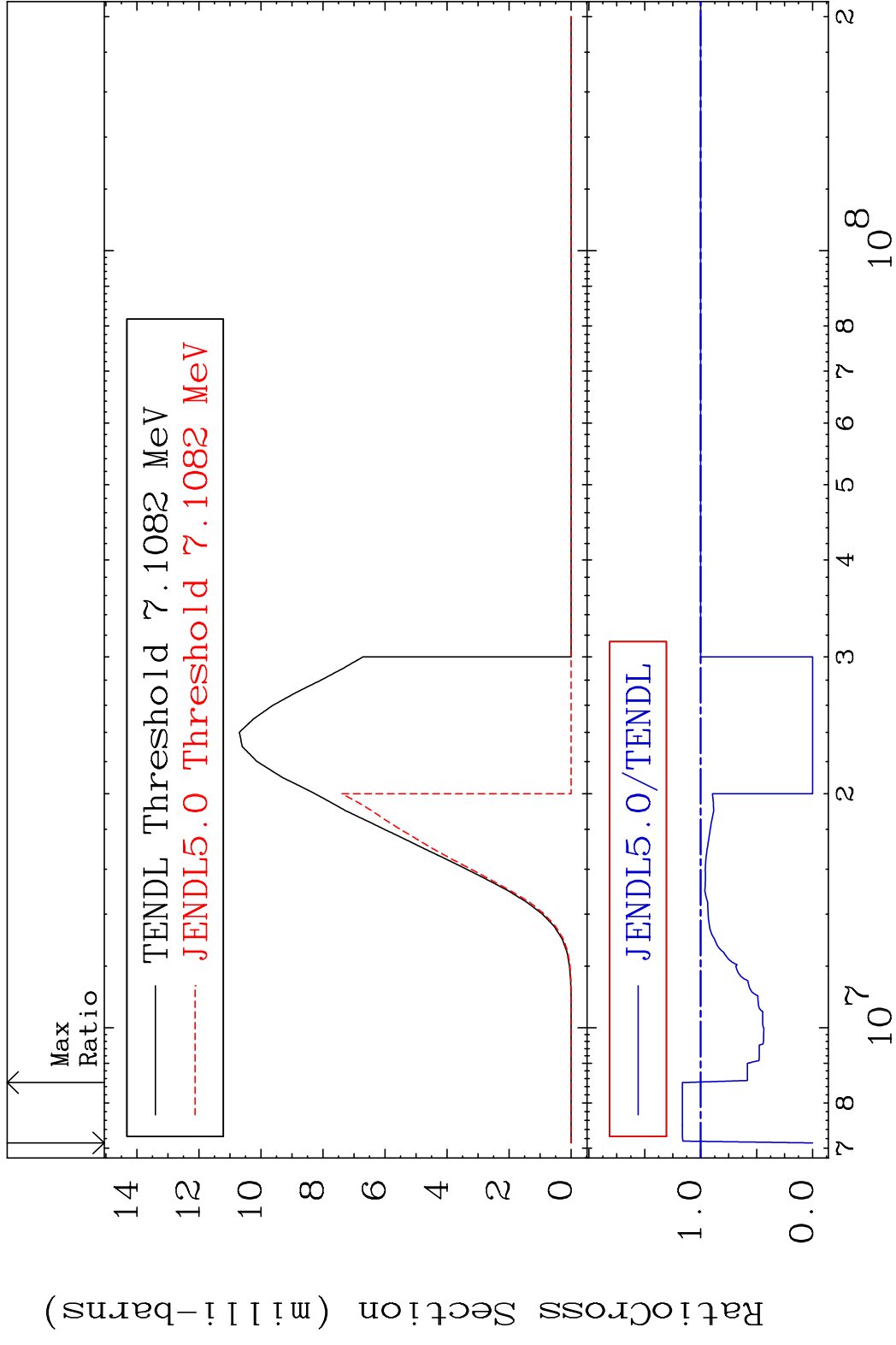
Incident Energy (eV)

30-Zn-64

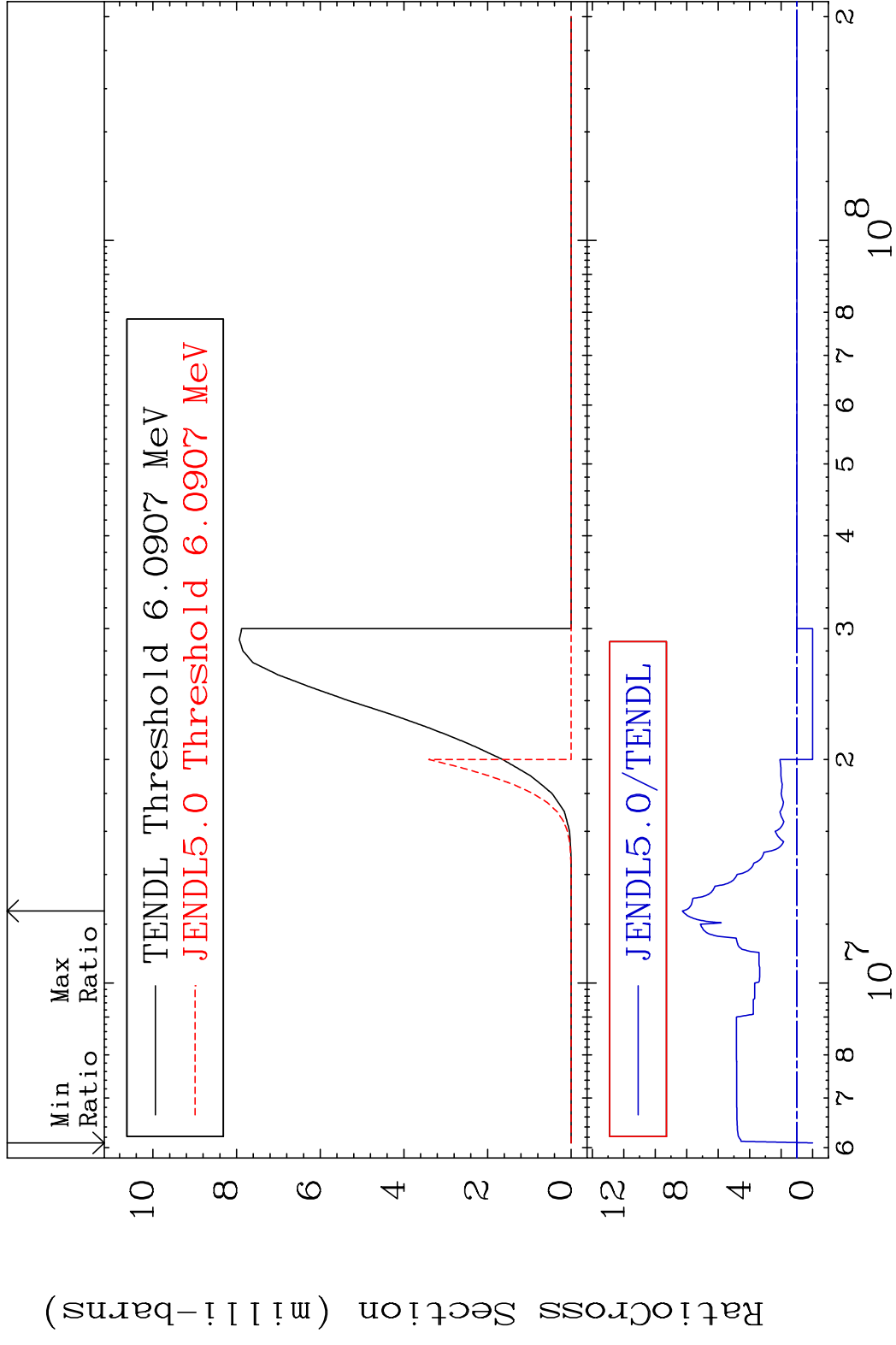
MAT 3025 (n,2α) 30-Zn-64
 Cross Section -100.0 To 9999. %



MAT 3025 (n,2p) 30-Zn-64
 Cross Section -100.0 To 16.40 %

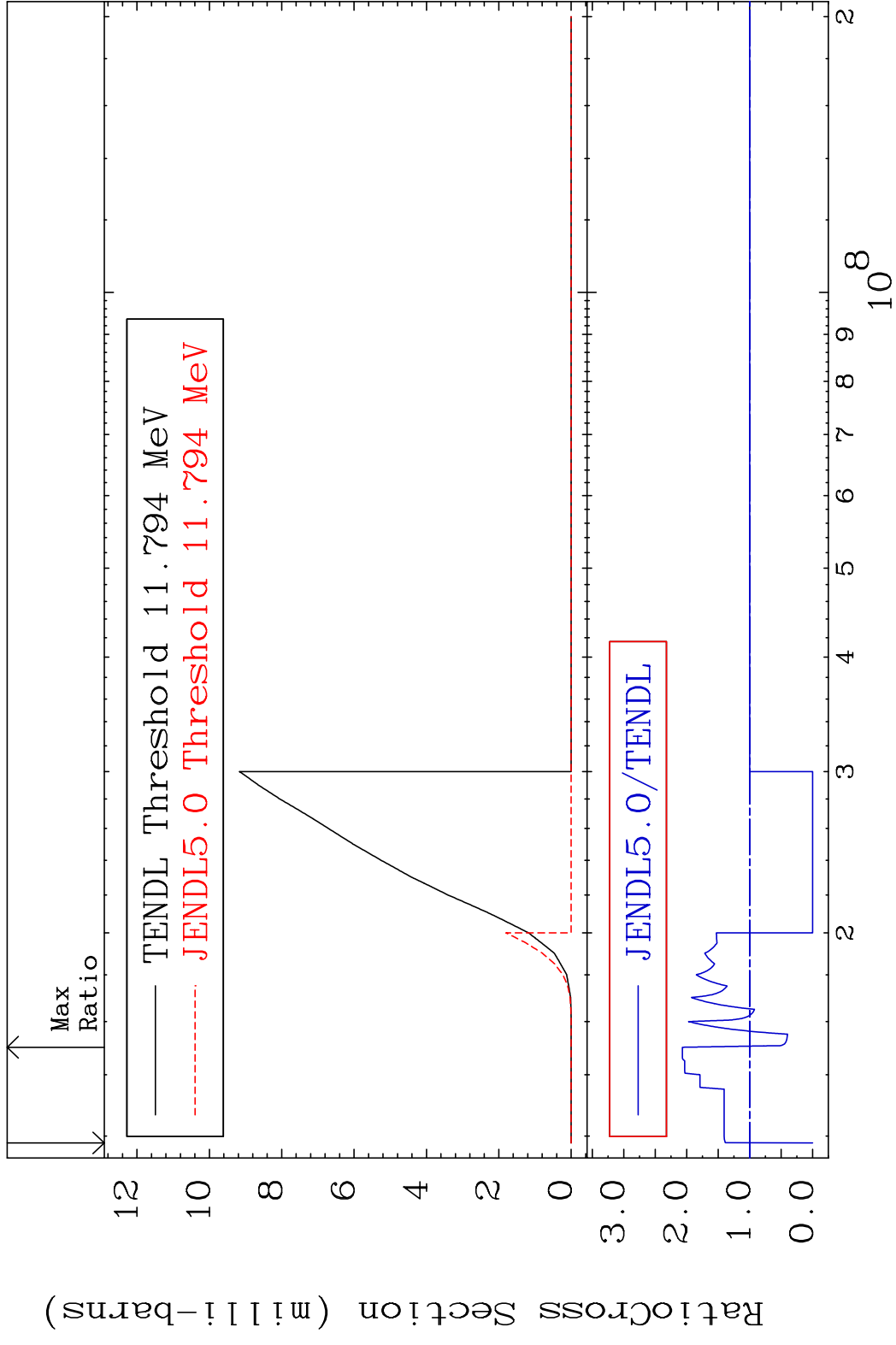


MAT 3025 (n,p) α 30-Zn-64
 Cross Section -100.0 To 727.7 %

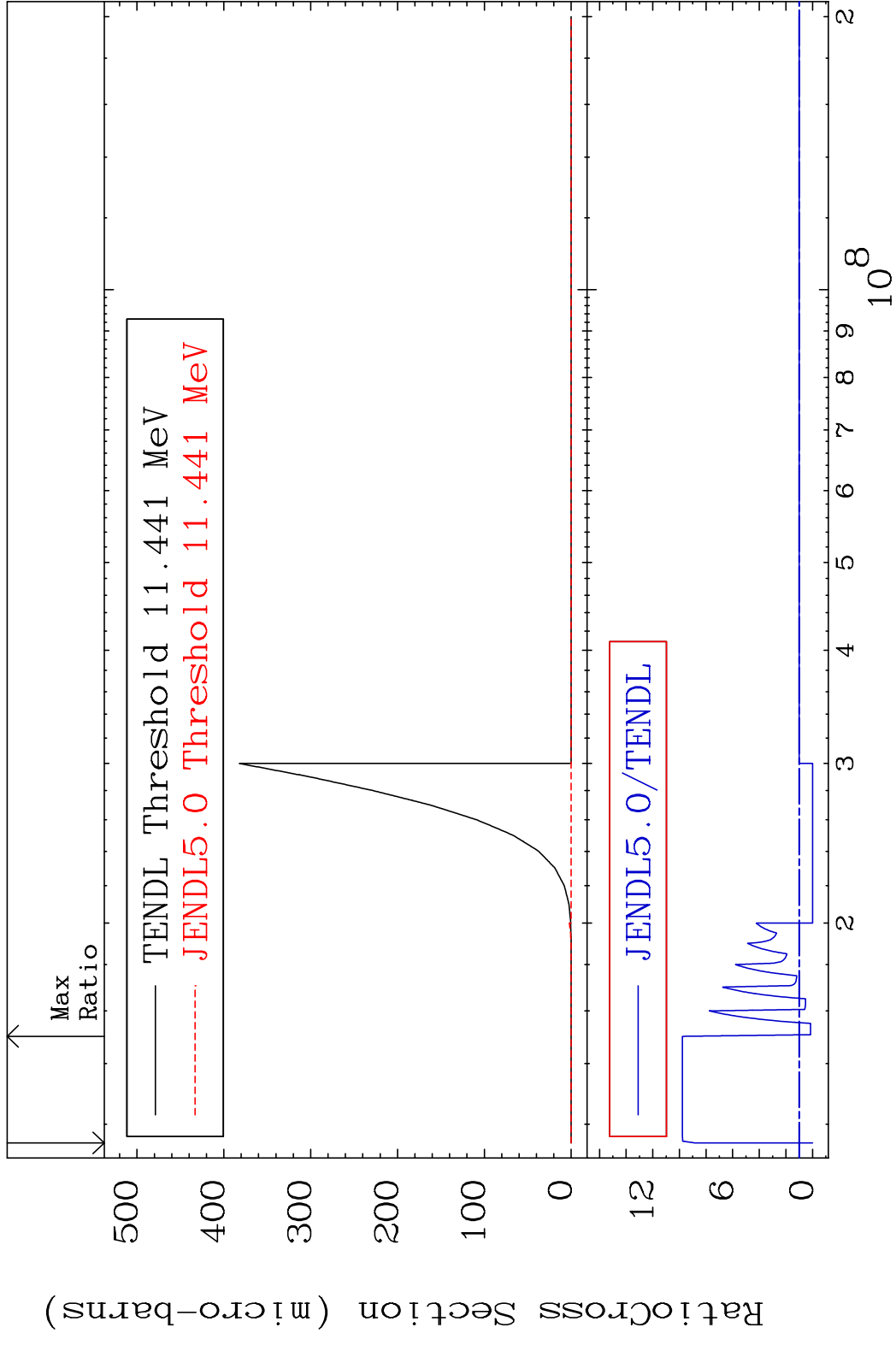


48 30-Zn-64

MAT 3025 (n,p) d 30-Zn-64
 Cross Section -100.0 To 106.9 %



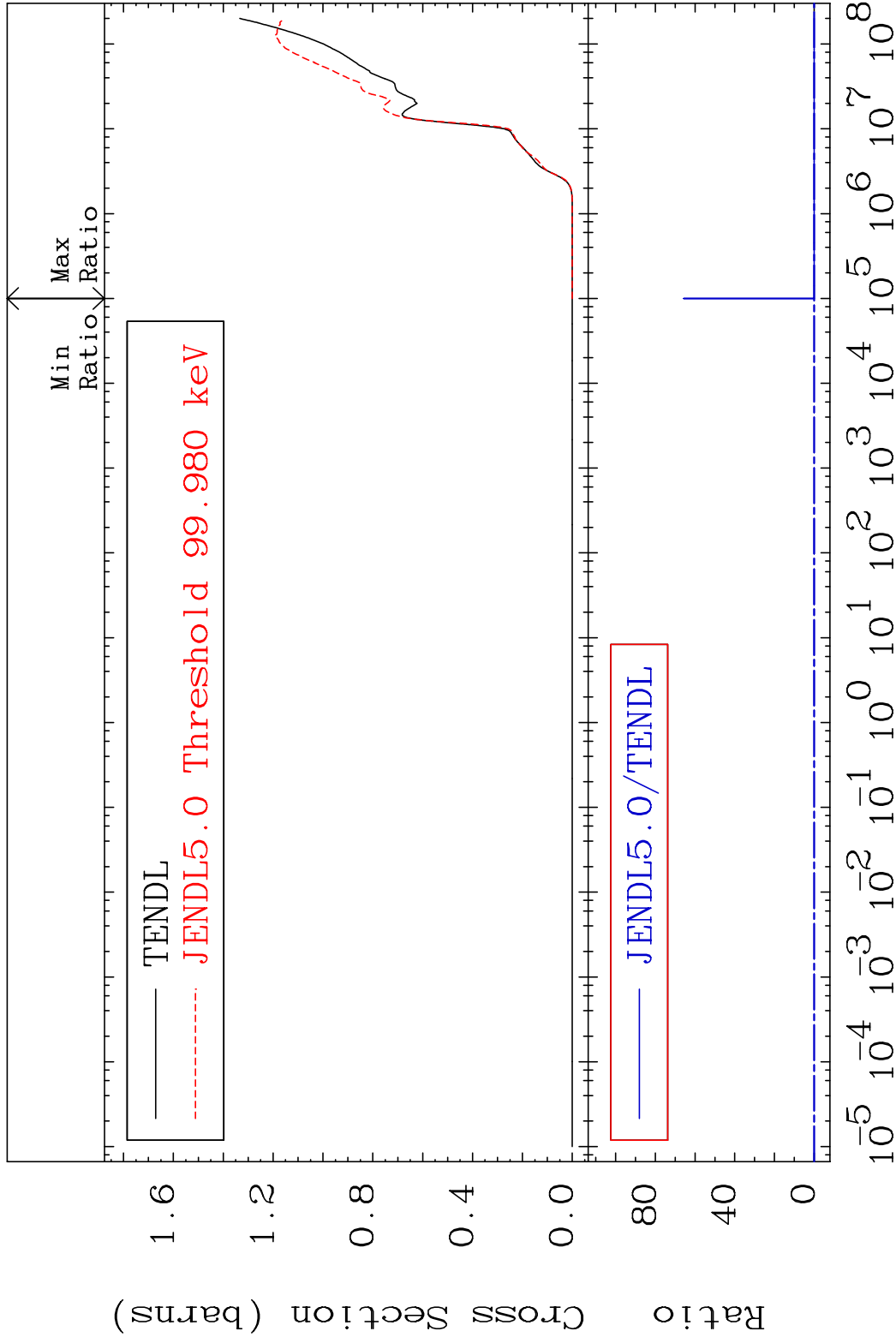
MAT 3025 (n,d) α 30-Zn-64
 Cross Section -100.0 To 877.9 %



MAT 3025

Hydrogen Production 30-Zn-64

Cross Section -100.0 To 9999. %

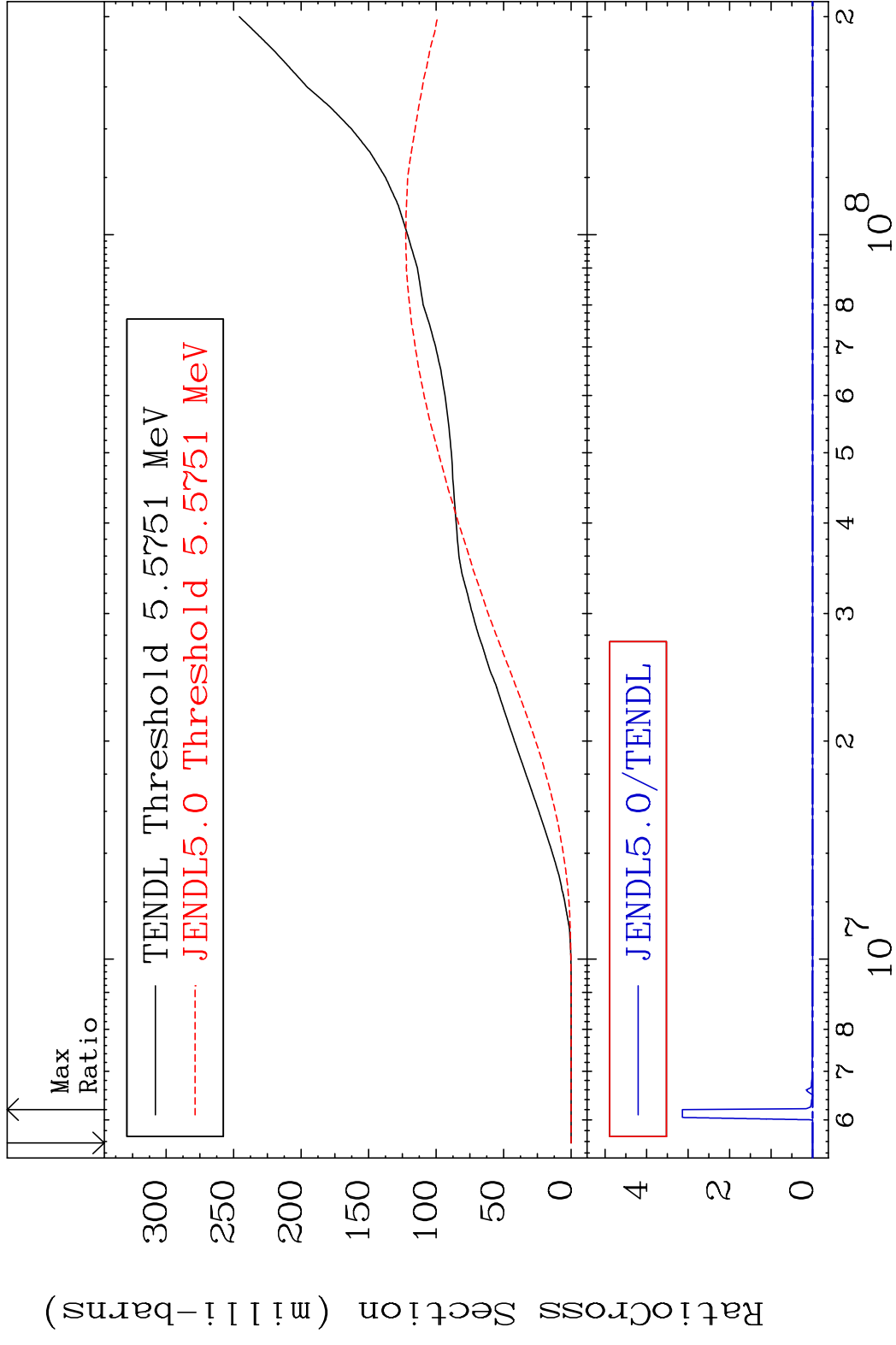


51

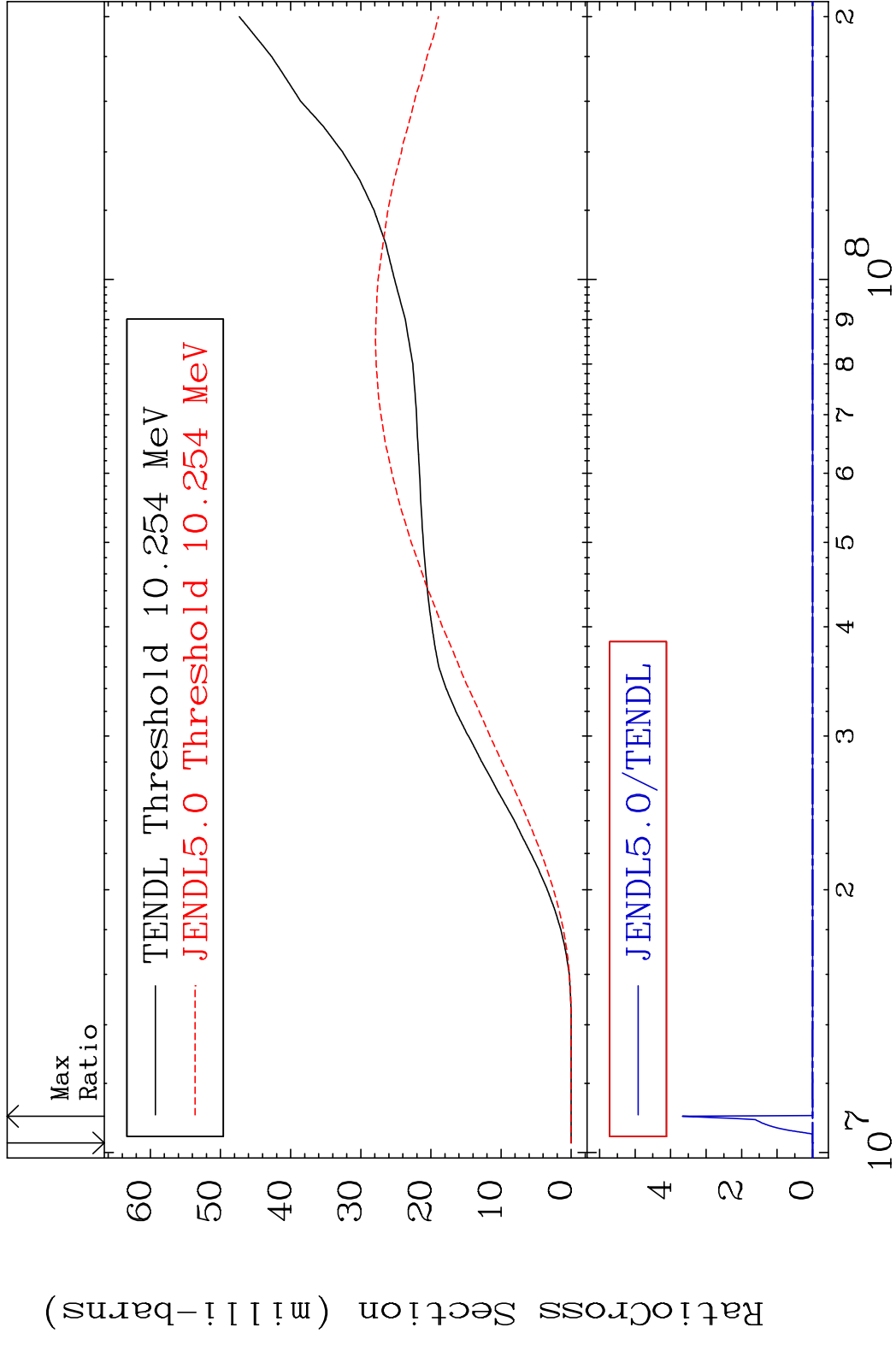
Incident Energy (eV)

30-Zn-64

MAT 3025 Deuterium Production 30-Zn-64
 Cross Section -100.0 To 9999. %

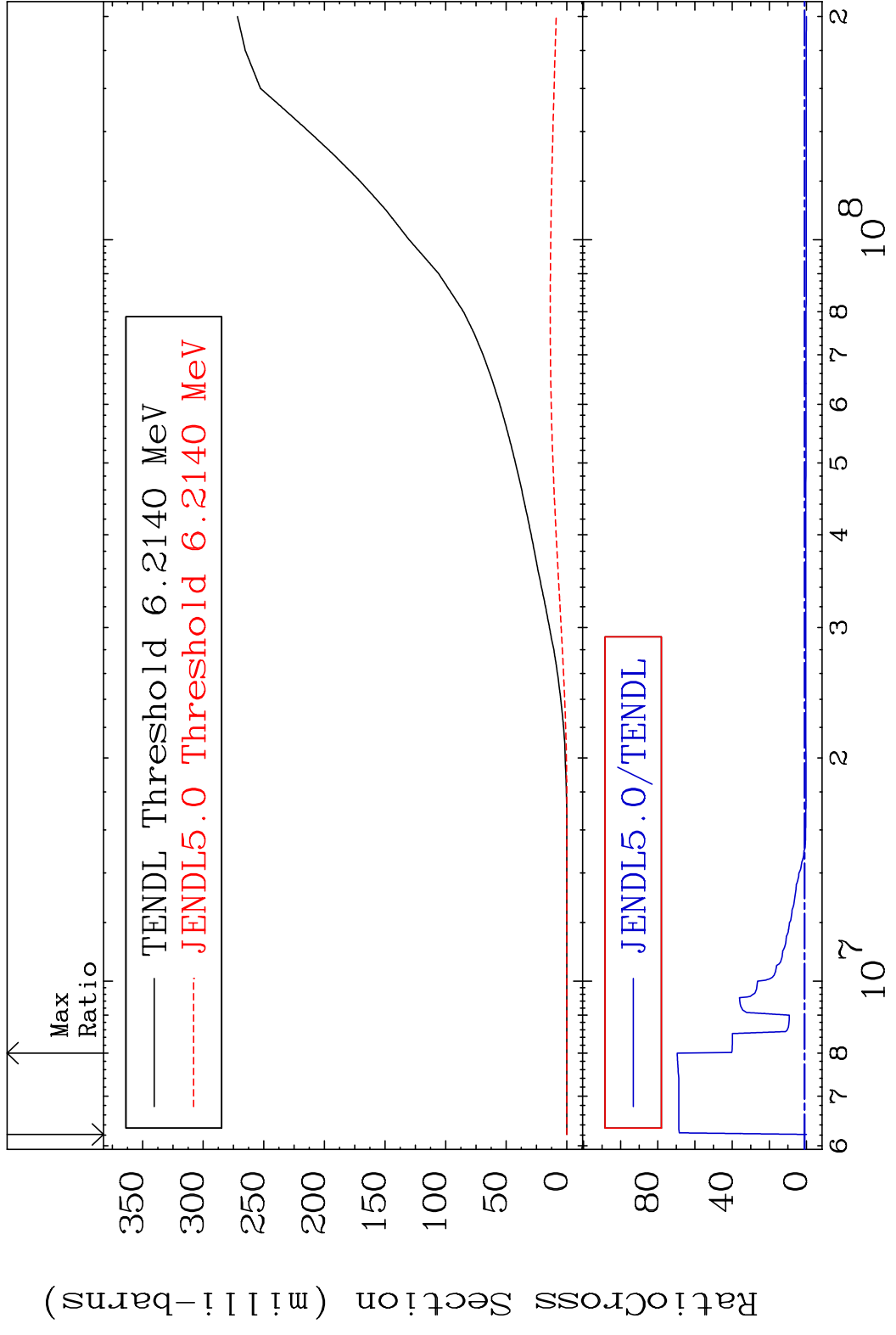


MAT 3025 Tritium Production 30-Zn-64
 Cross Section -100.0 To 9999. %



53 30-Zn-64

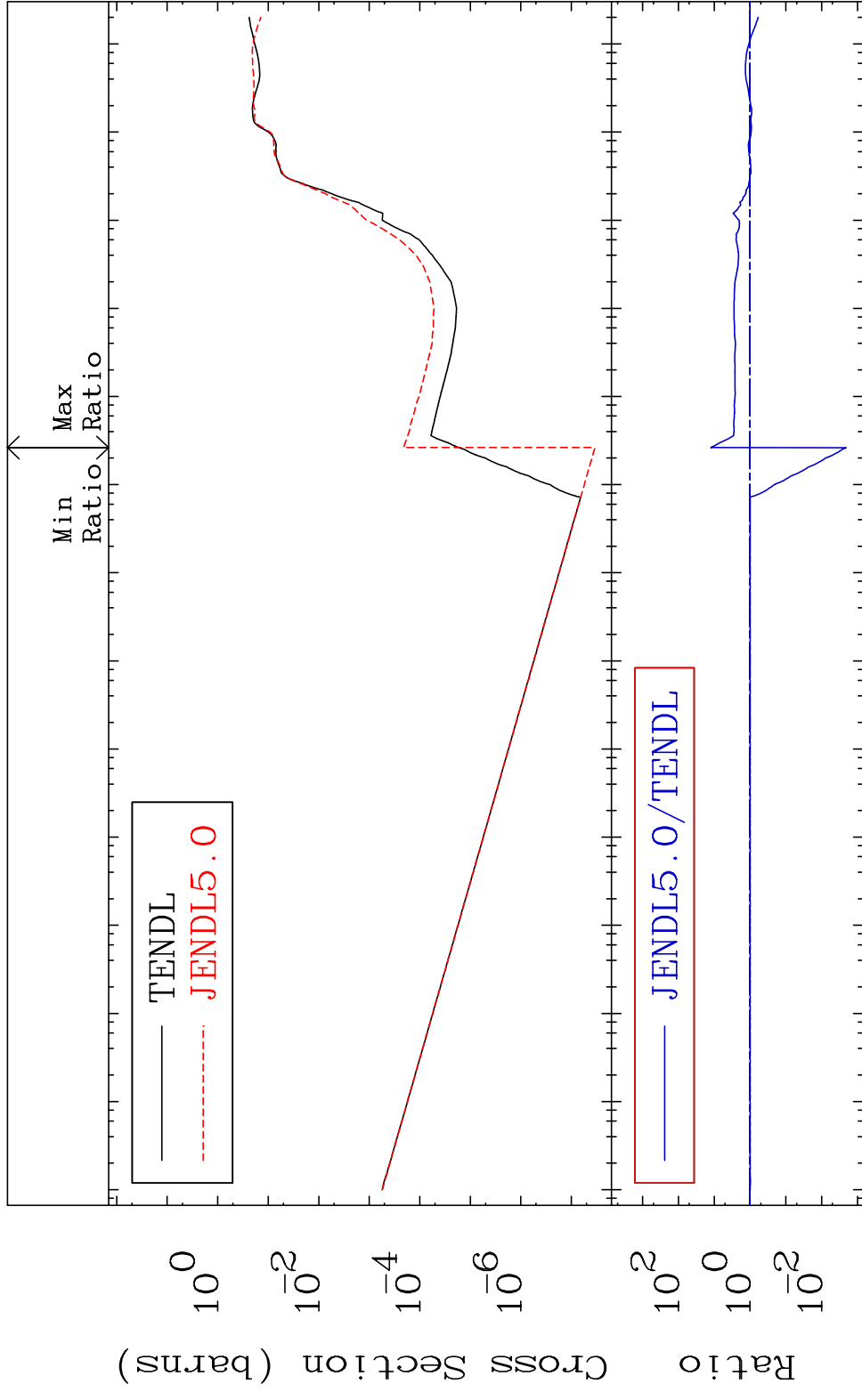
MAT 3025 He-3 Production 30-Zn-64
 Cross Section -100.0 To 6858. %



MAT 3025

He-4 Production
Cross Section -99.80 To 1155. %

30-Zn-64

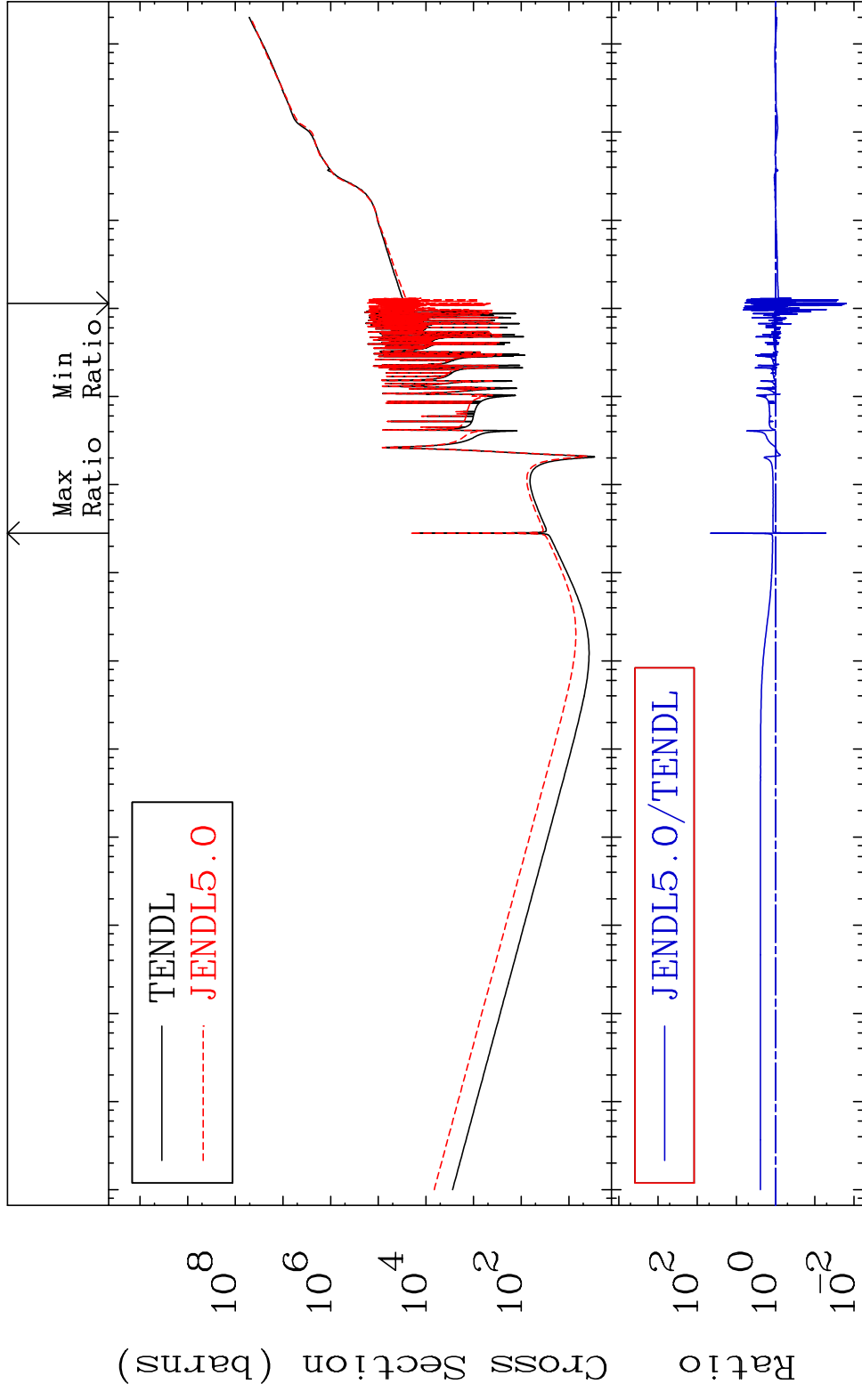


55

Incident Energy (eV)

30-Zn-64

MAT 3025 Kerma total (eV-barns) 30-Zn-64
 Cross Section -98.43 To 4415. %

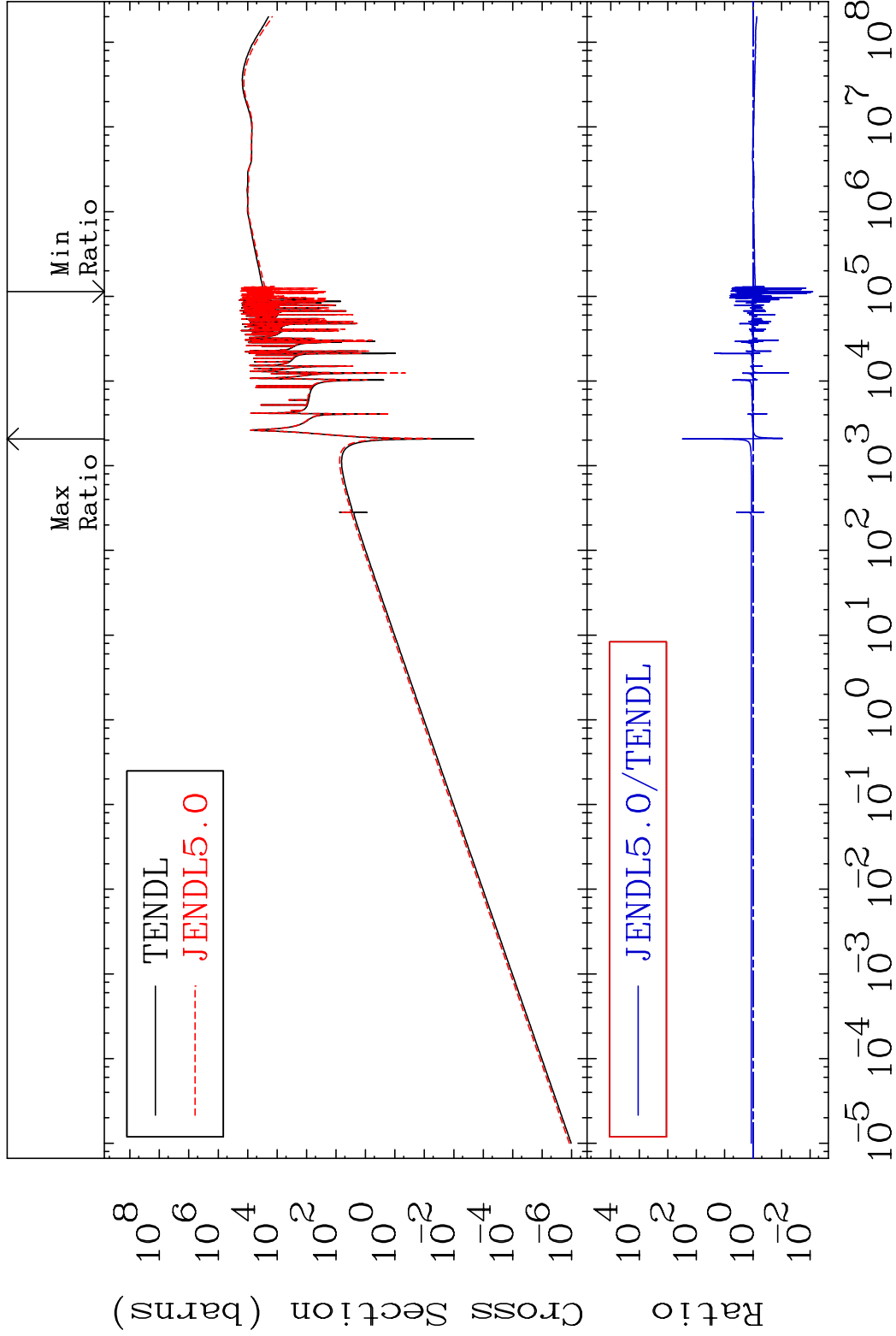


56 Incident Energy (eV) 30-Zn-64

MAT 3025

Kerma elastic
Cross Section

30-Zn-64
-99.18 To 9999. %

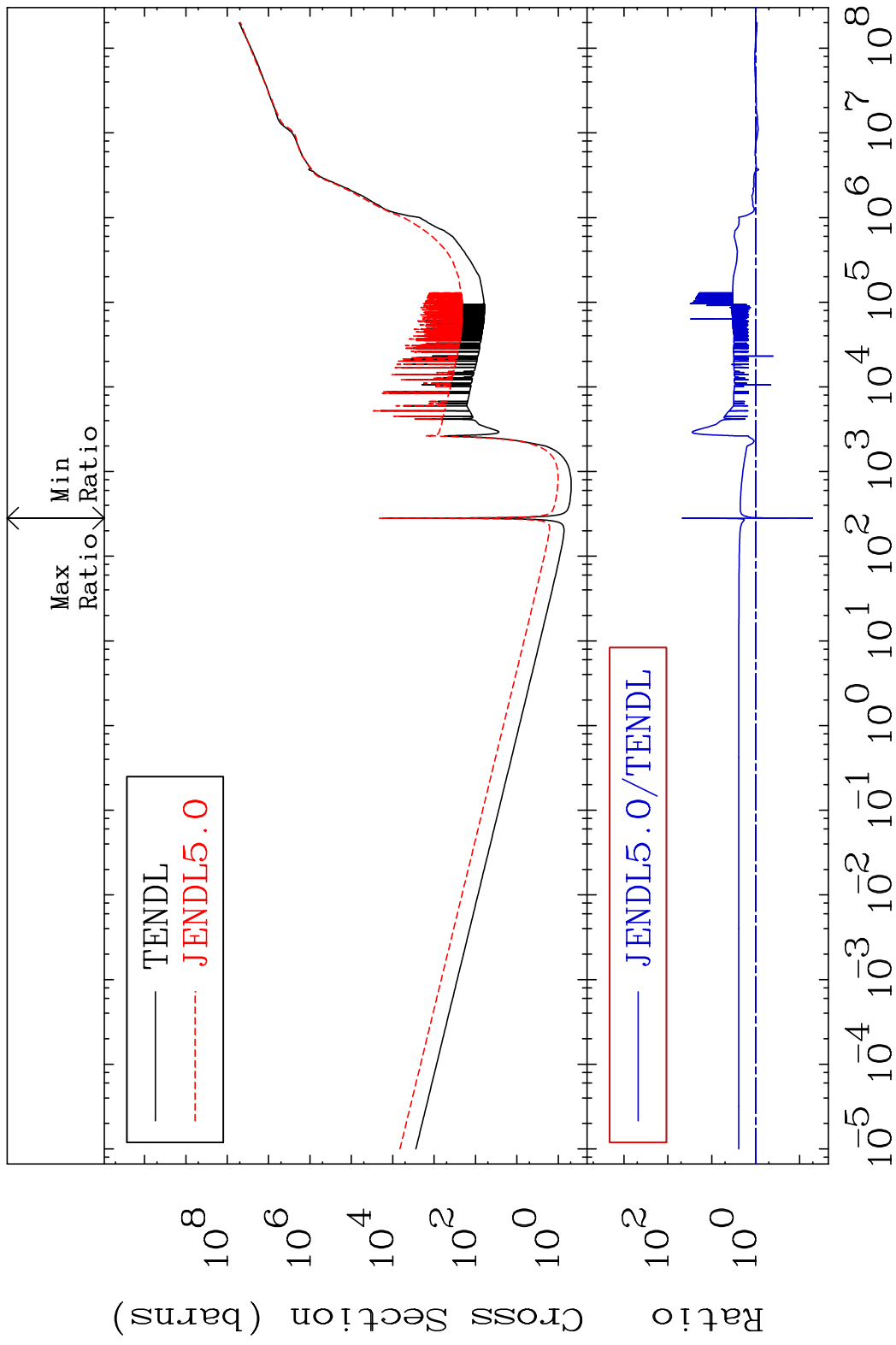


57

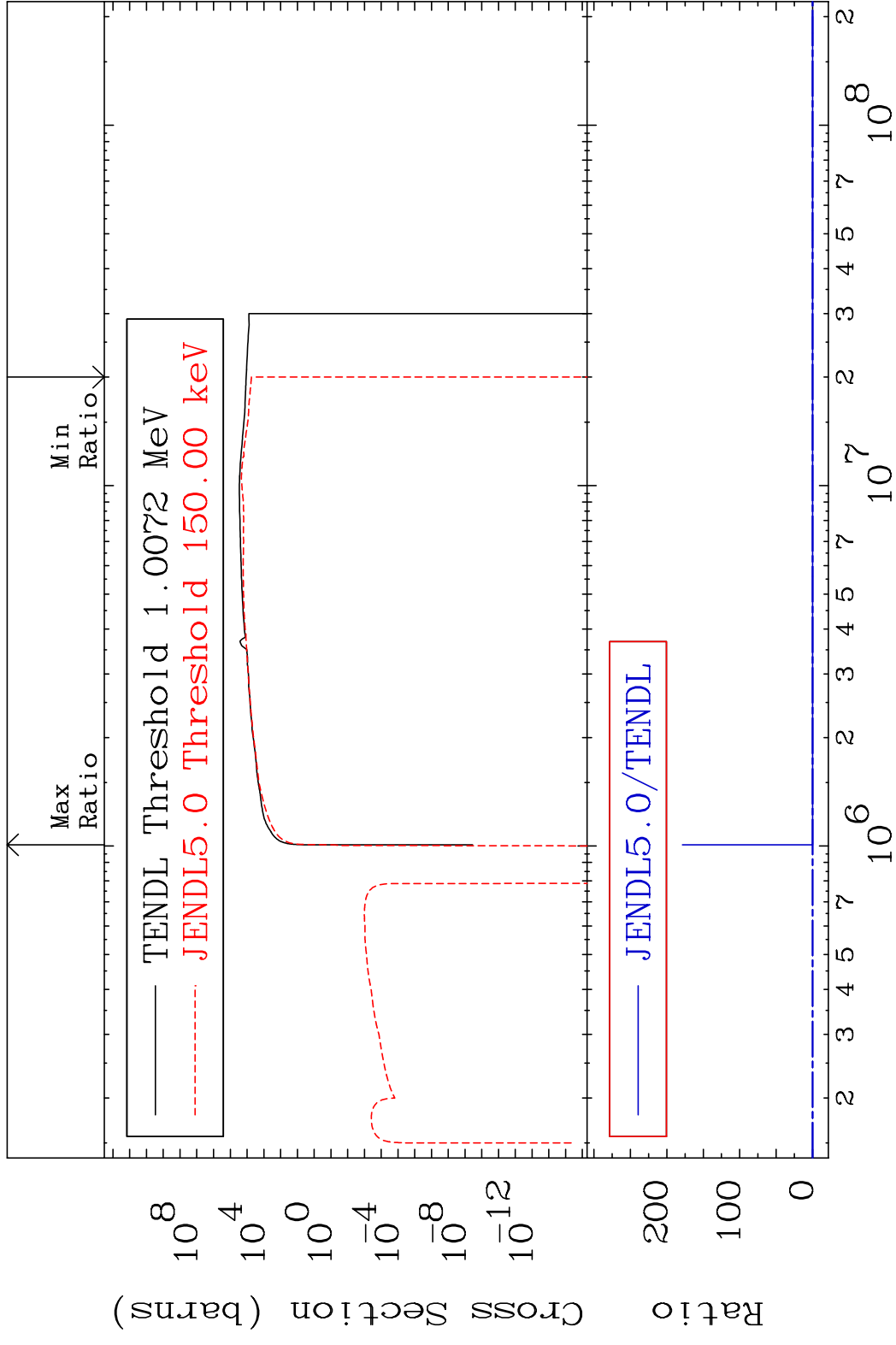
Incident Energy (eV)

30-Zn-64

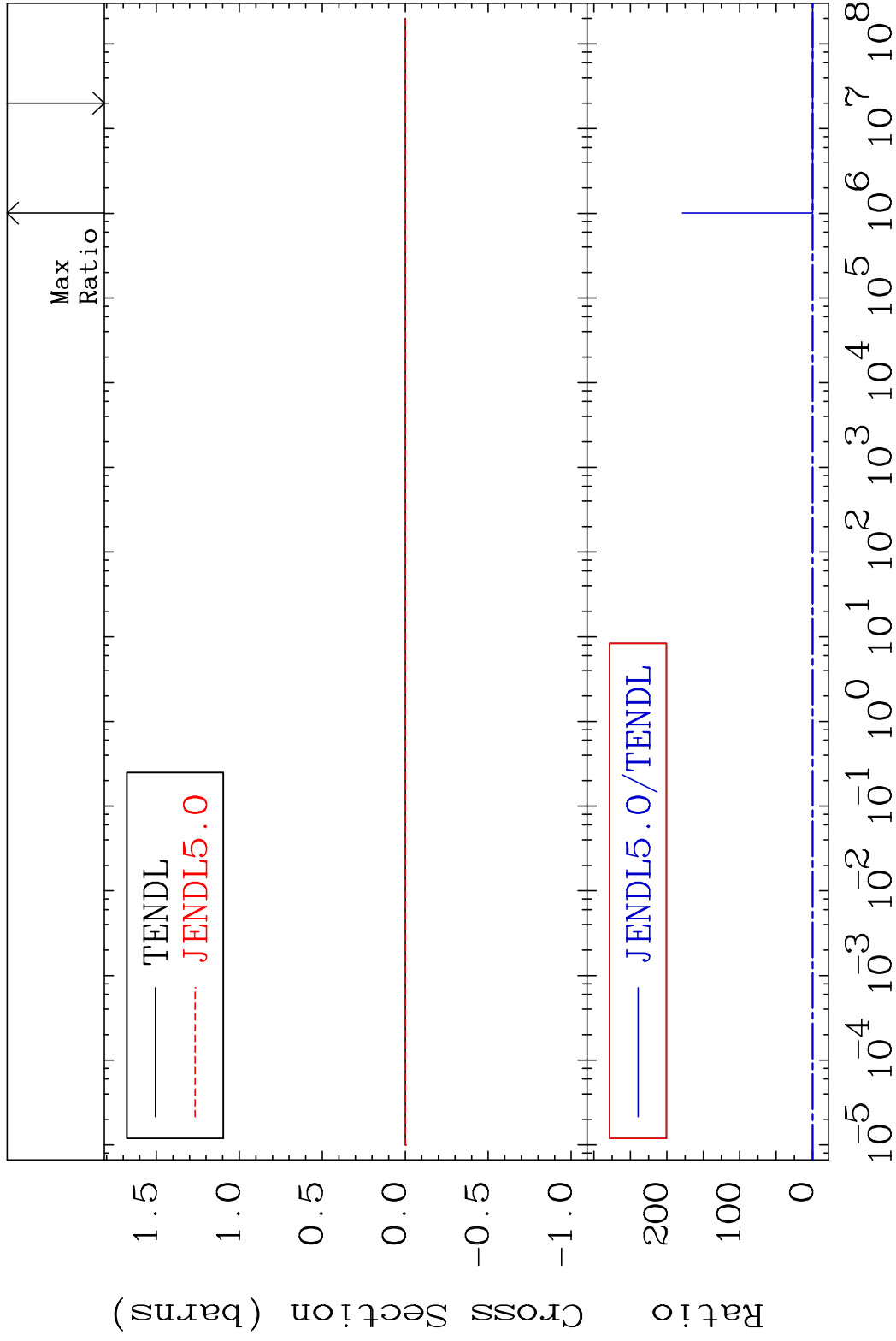
MAT 3025 Kerma non-elastic (all but mt2) 30-Zn-64
 Cross Section -94.92 To 4572. %



MAT 3025 Kerma inelastic (mt51-91) 30-Zn-64
 Cross Section -100.0 To 9999. %



MAT 3025 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-64
 Cross Section -100.0 To 9999. %

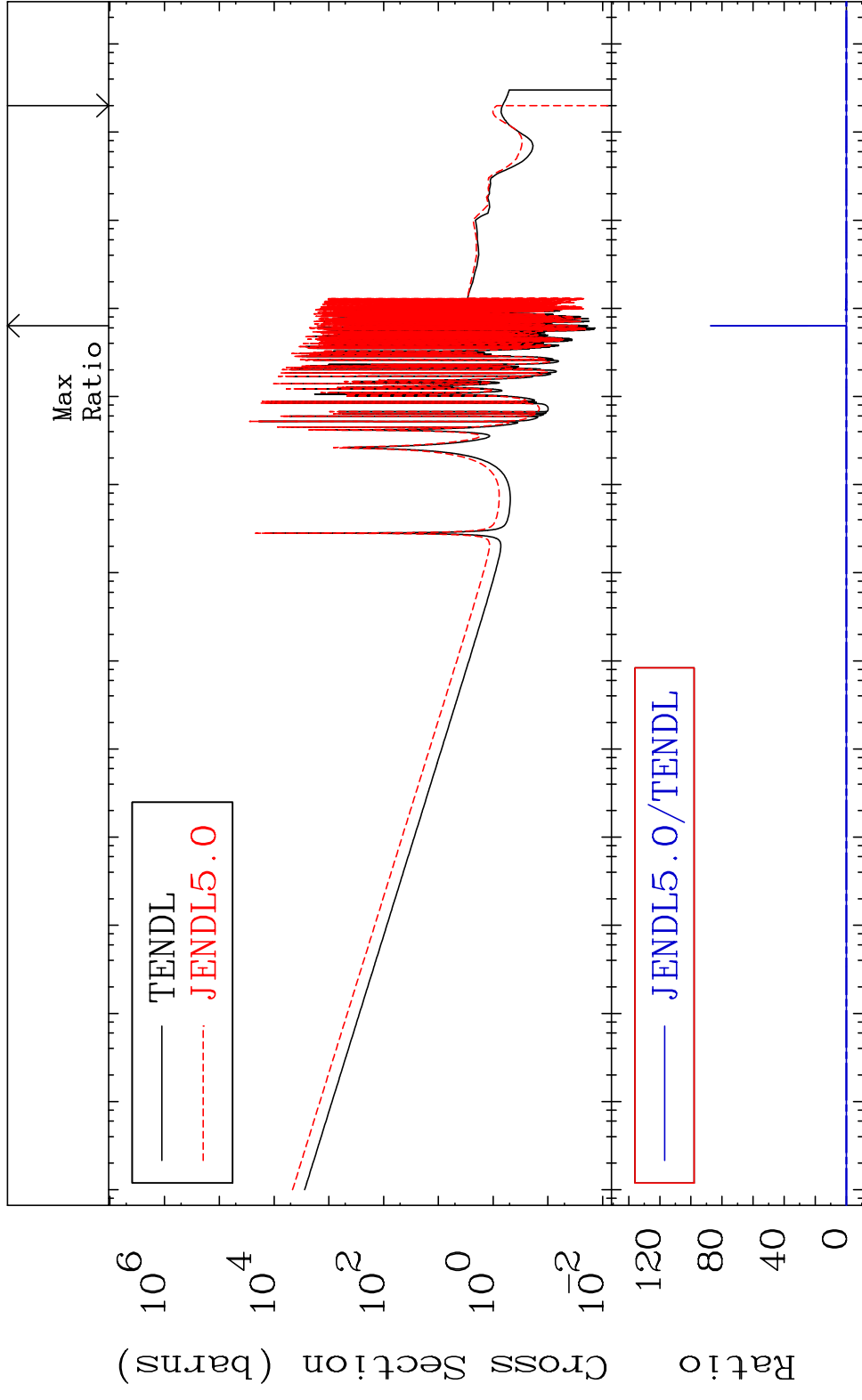


60

Incident Energy (eV)

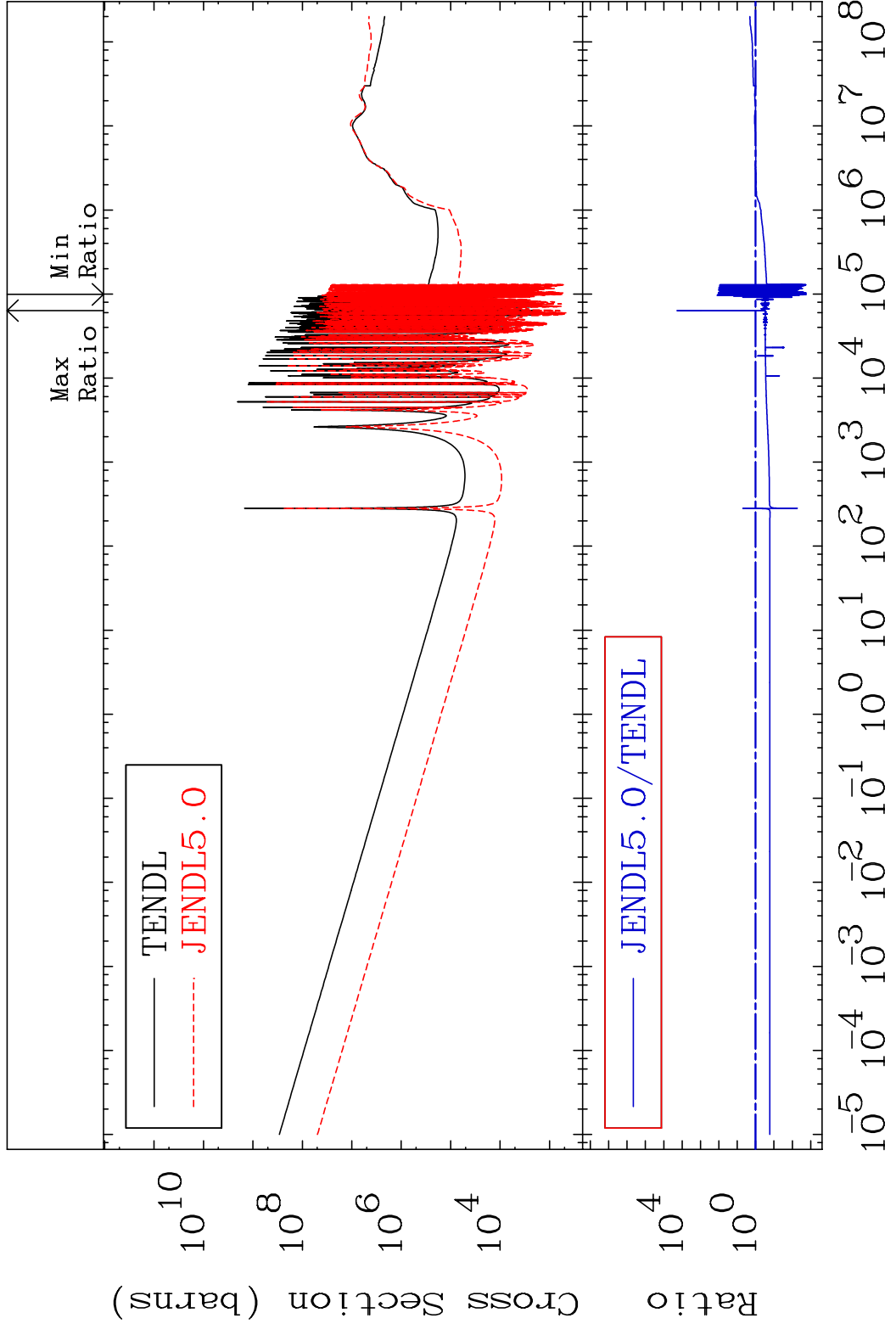
30-Zn-64

MAT 3025 Kerma capture (mt102) 30-Zn-64
 Cross Section -100.0 To 9999. %



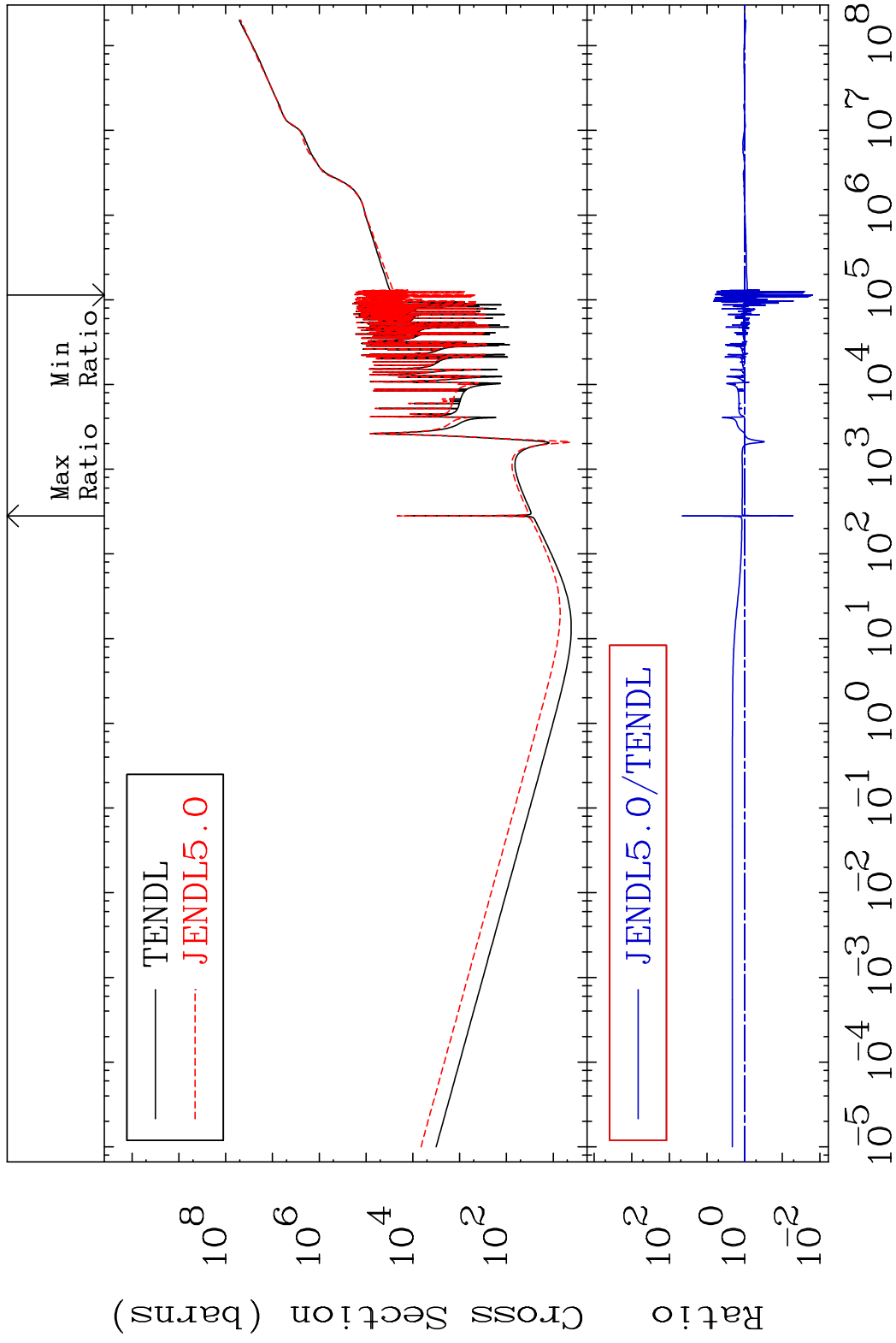
61 Incident Energy (eV) 30-Zn-64

MAT 3025 Total photon (eV-barns) 30-Zn-64
Cross Section -99.83 To 9999. %

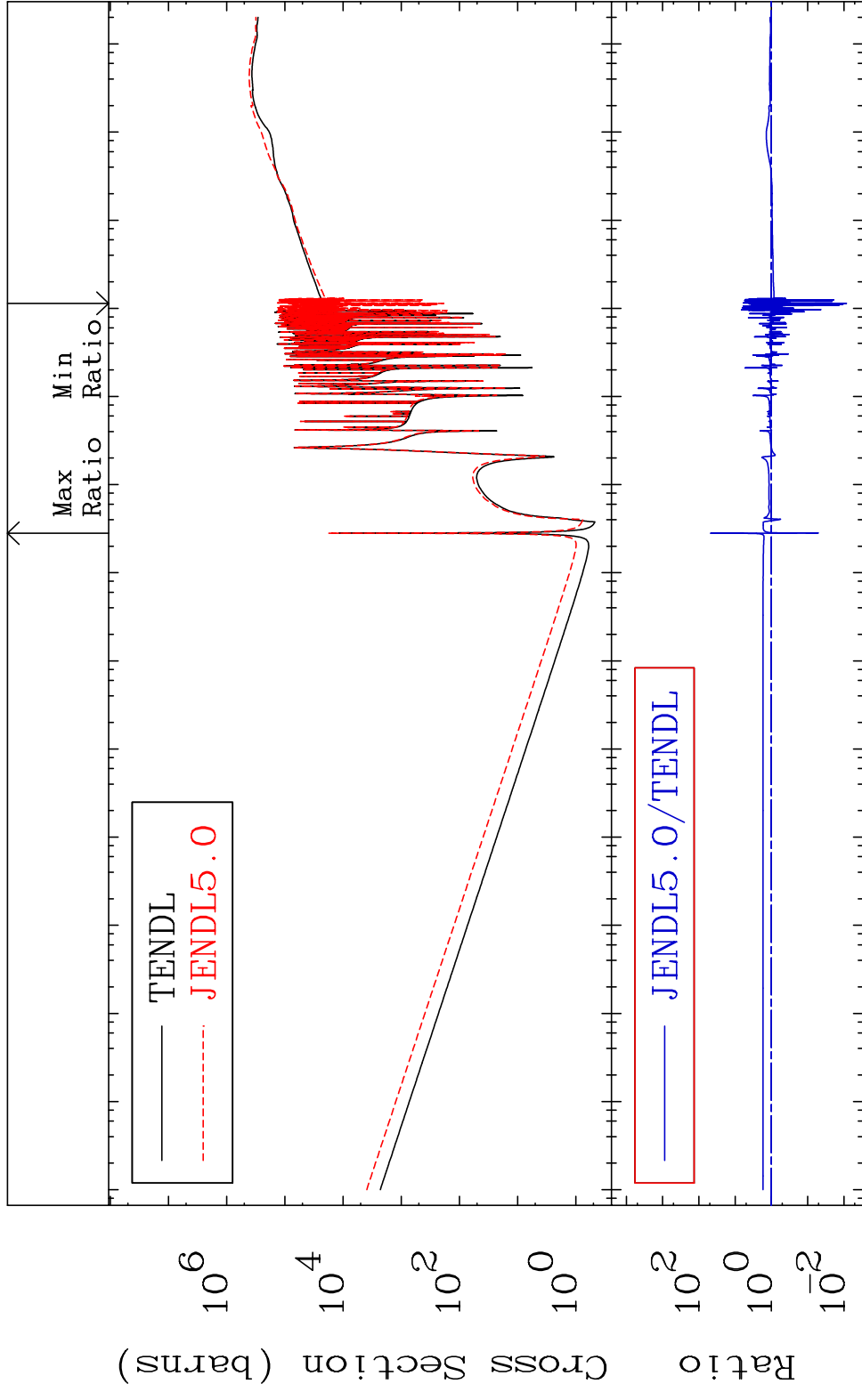


62 Incident Energy (eV) 30-Zn-64

MAT 3025 Total kinematic kerma (high limit) 30-Zn-64
 Cross Section -98.43 To 4414. %

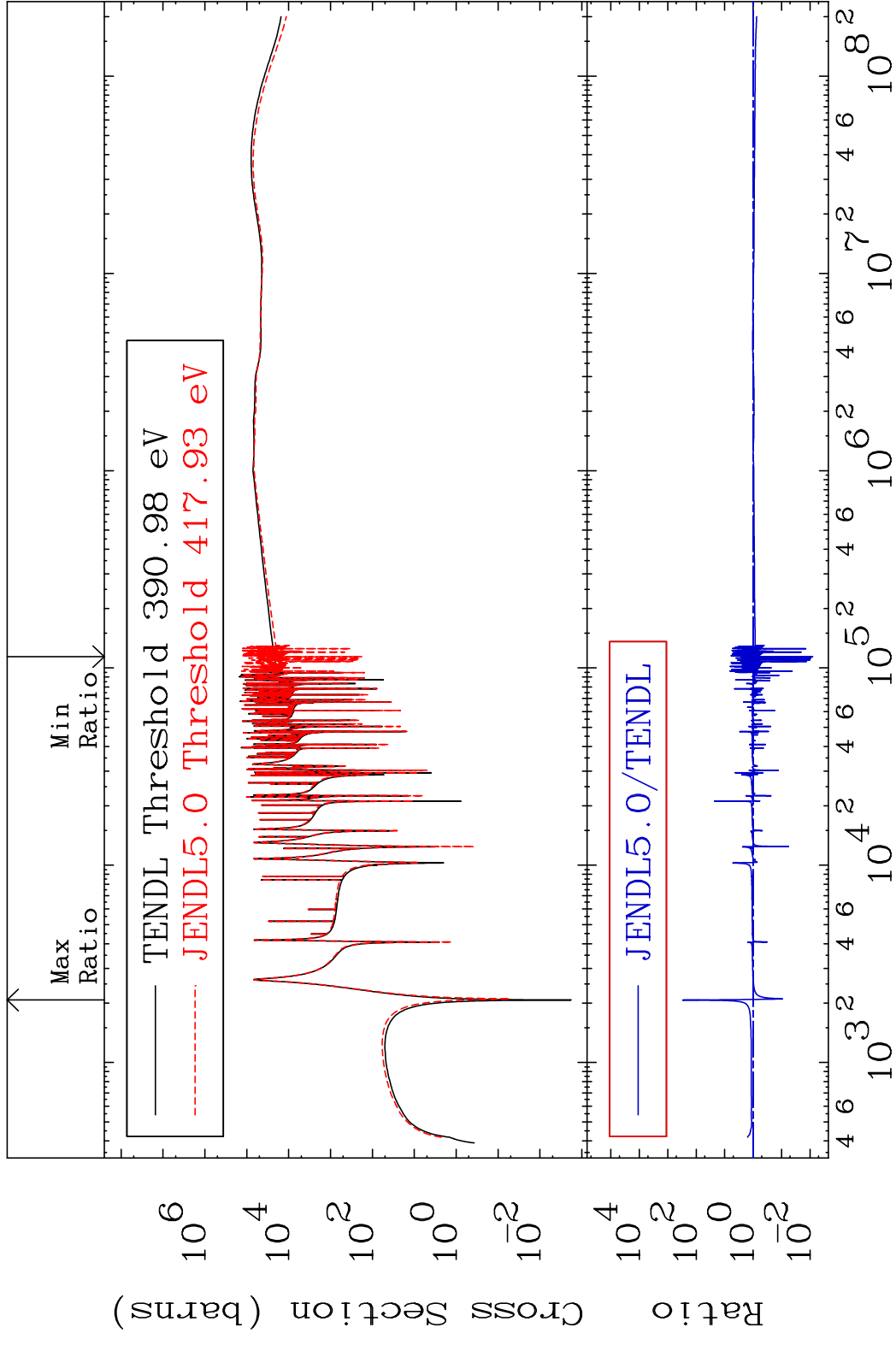


MAT 3025 Dpa total (eV-barns) 30-Zn-64
 Cross Section -99.14 To 4615. %

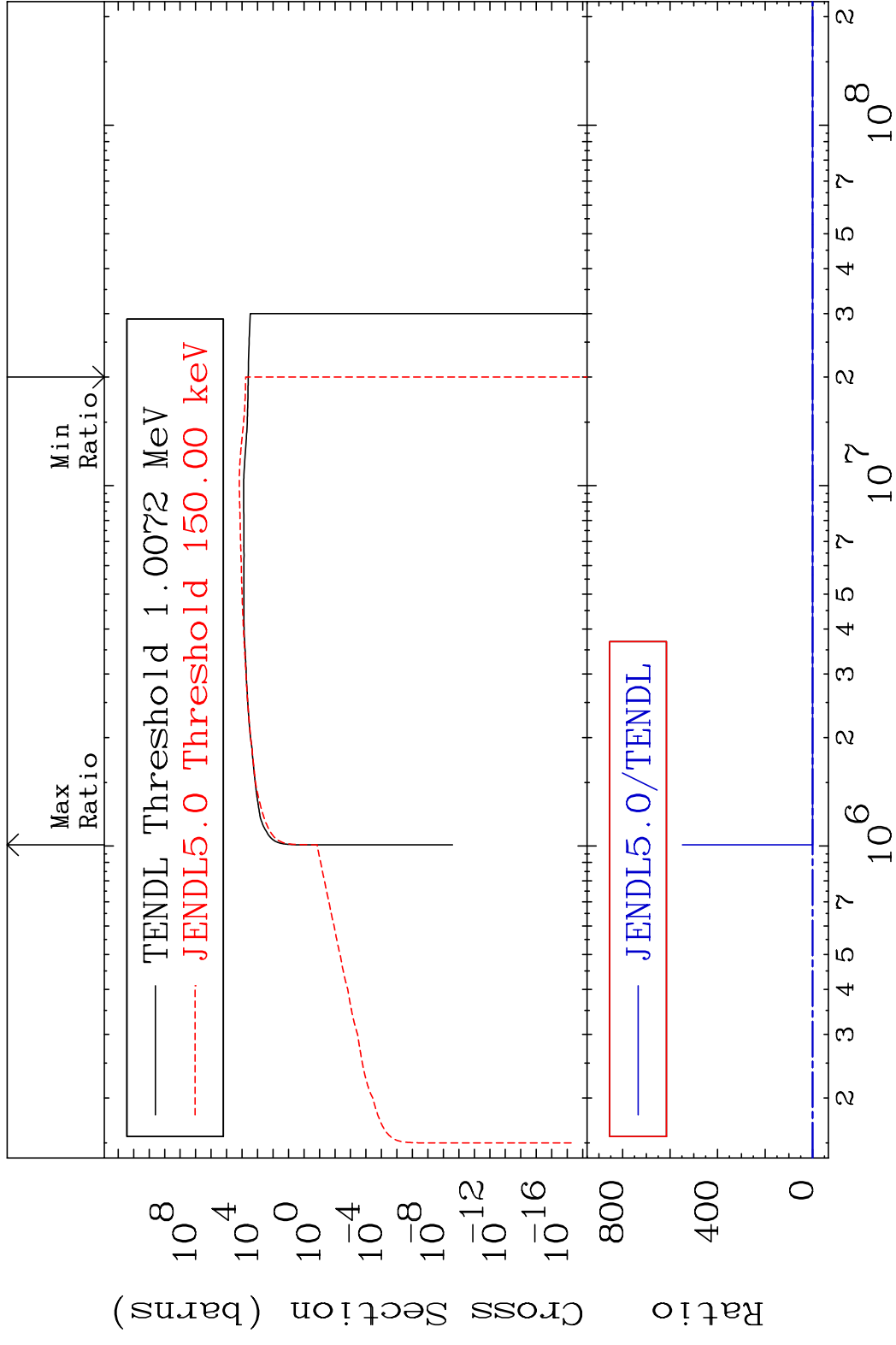


64 Incident Energy (eV) 30-Zn-64

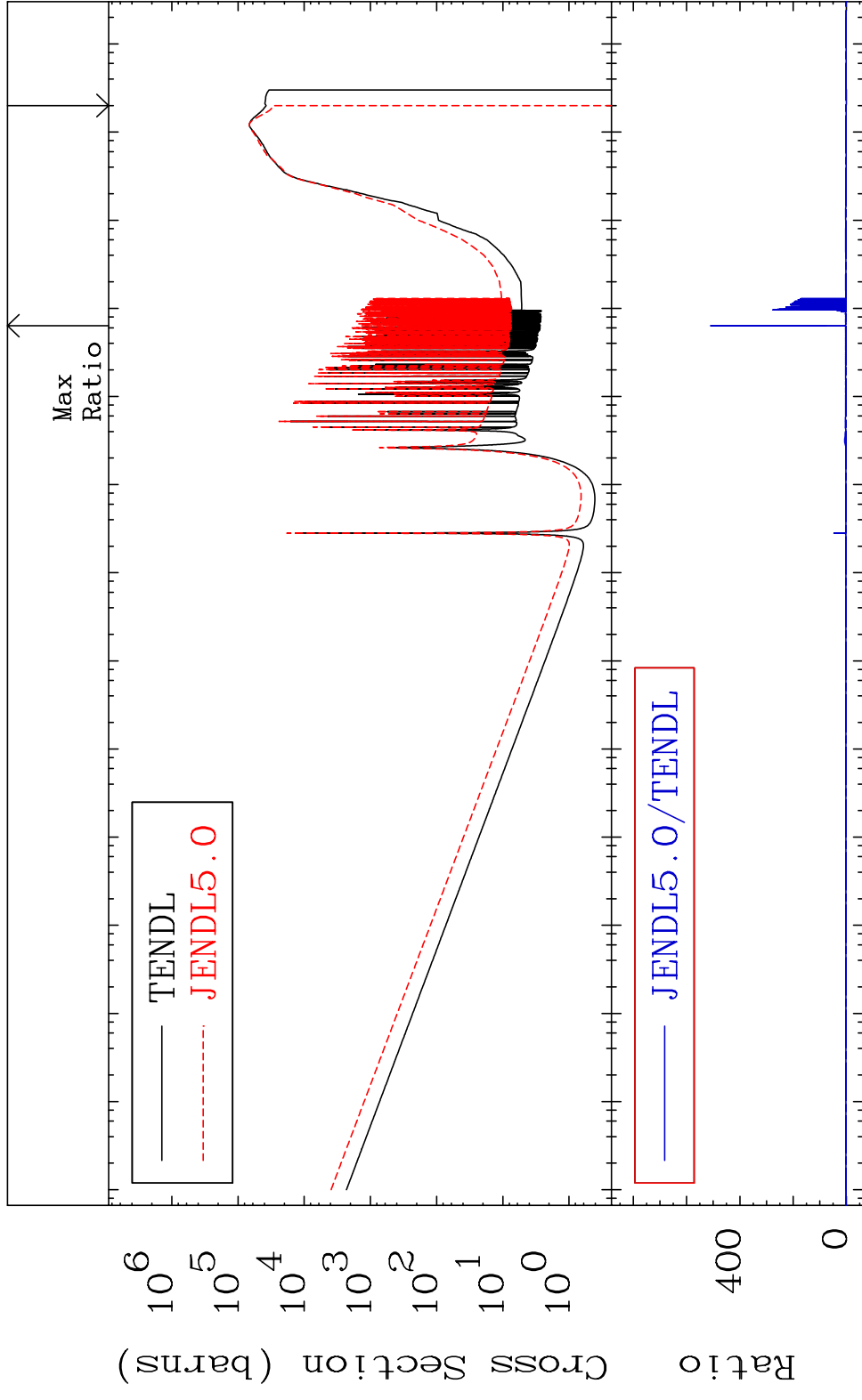
MAT 3025 Dpa elastic (mt2) 30-Zn-64
 Cross Section -99.18 To 9999. %



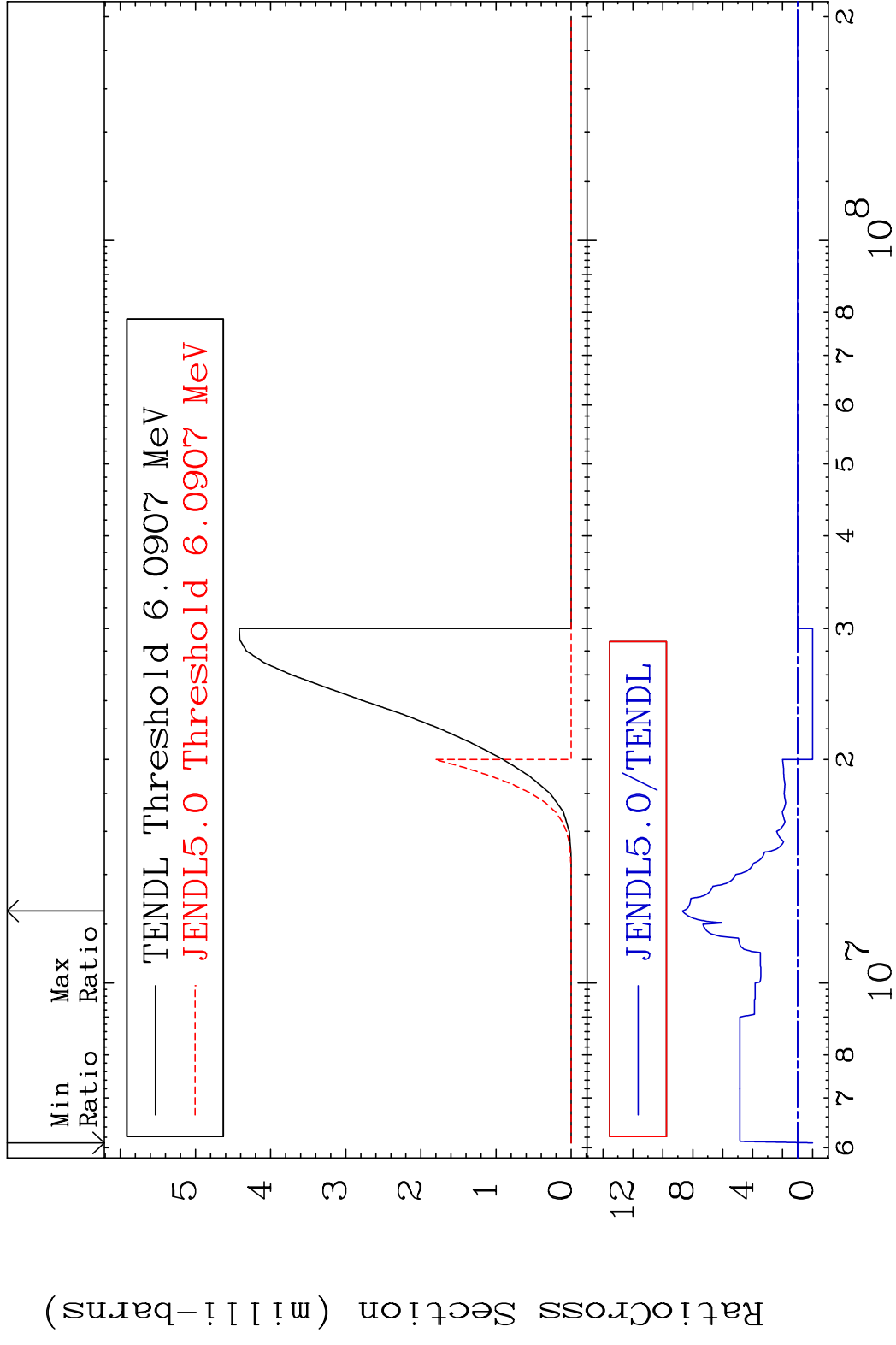
MAT 3025 Dpa inelastic (mt51-91) 30-Zn-64
 Cross Section -100.0 To 9999. %



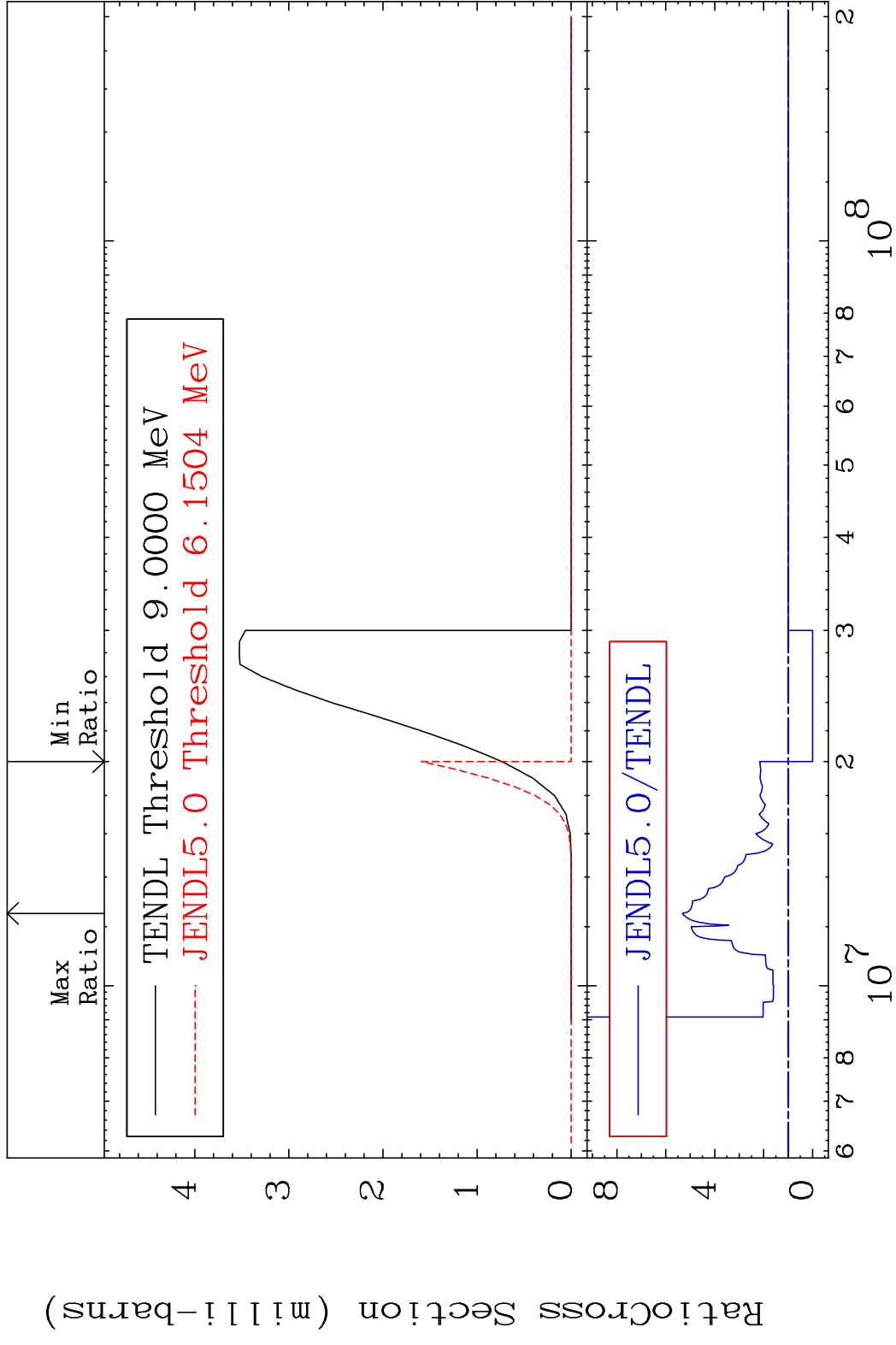
MAT 3025 Dpa disappearance (mt102 -120) 30-Zn-64
 Cross Section -100.0 To 9999. %



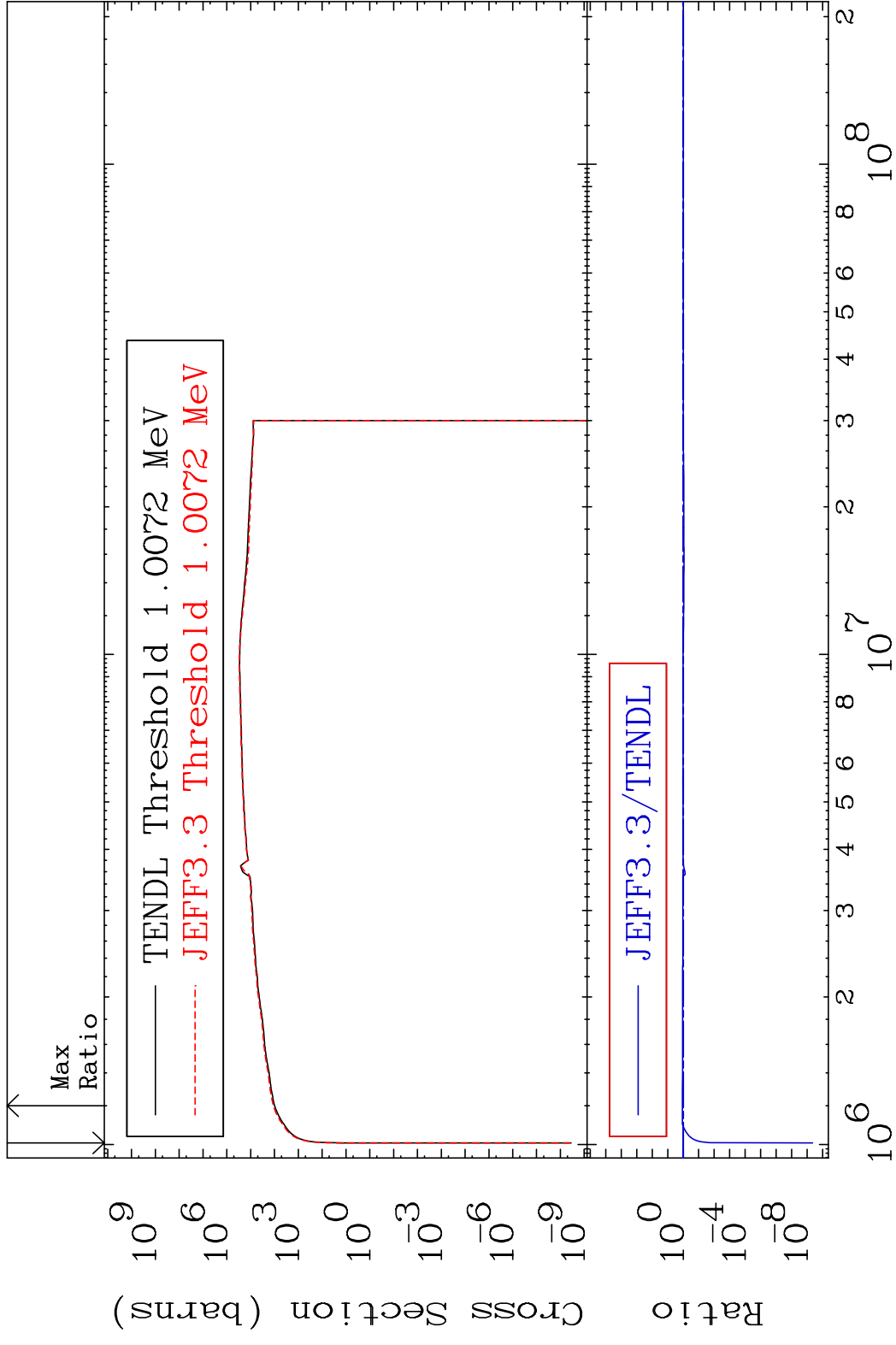
MAT 3025 (n,p) α :27-Co-60g 30-Zn-64
 Radionuclide Production Cross Section 1800.0 dth 769.7 %



MAT 3025 (n, p) α :27-Co-60m1 30-Zn-64
 Radionuclide Production Cross Section 180.0 dth 432.2 %

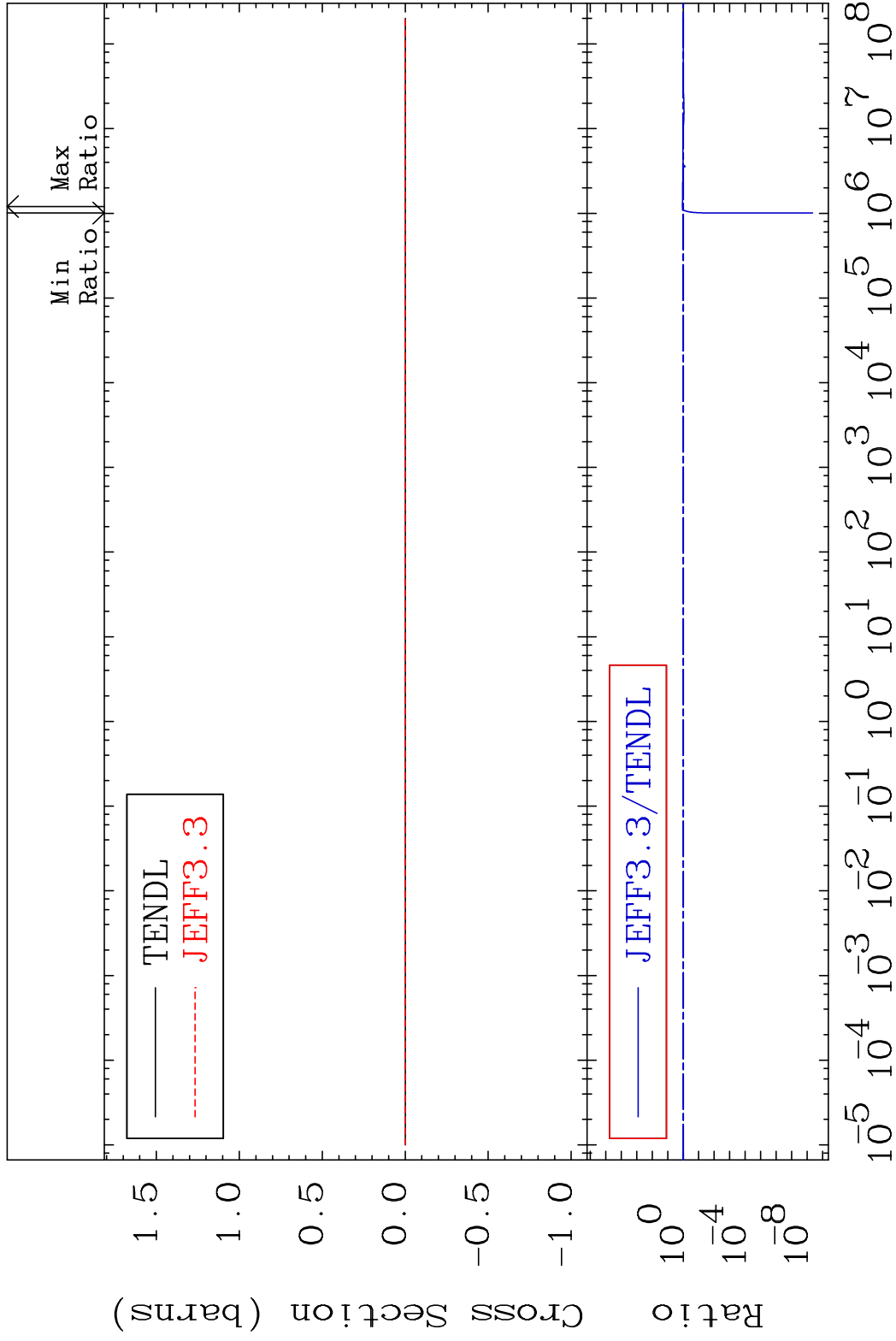


MAT 3025 Kerma inelastic (mt51-91) 30-Zn-64
 Cross Section -100.0 To 13.50 %



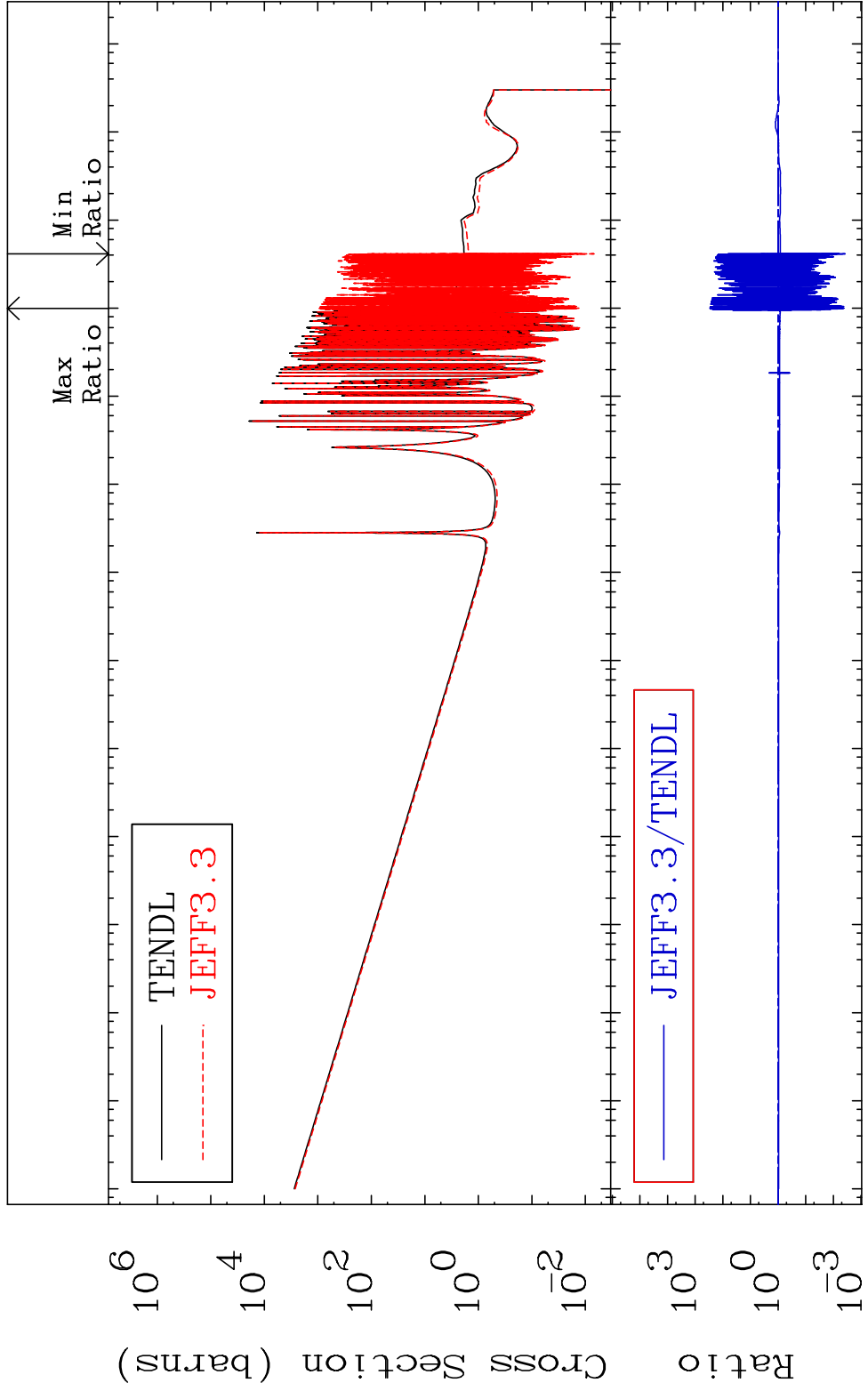
70 Incident Energy (eV) 30-Zn-64

MAT 3025 Kerma fission (mt18 or mt19-20-21-38) 30-Zn-64
 Cross Section -100.0 To 13.50 %



MAT 3025

Kerma capture (mt102) 30-Zn-64
Cross Section -99.63 To 9999. %



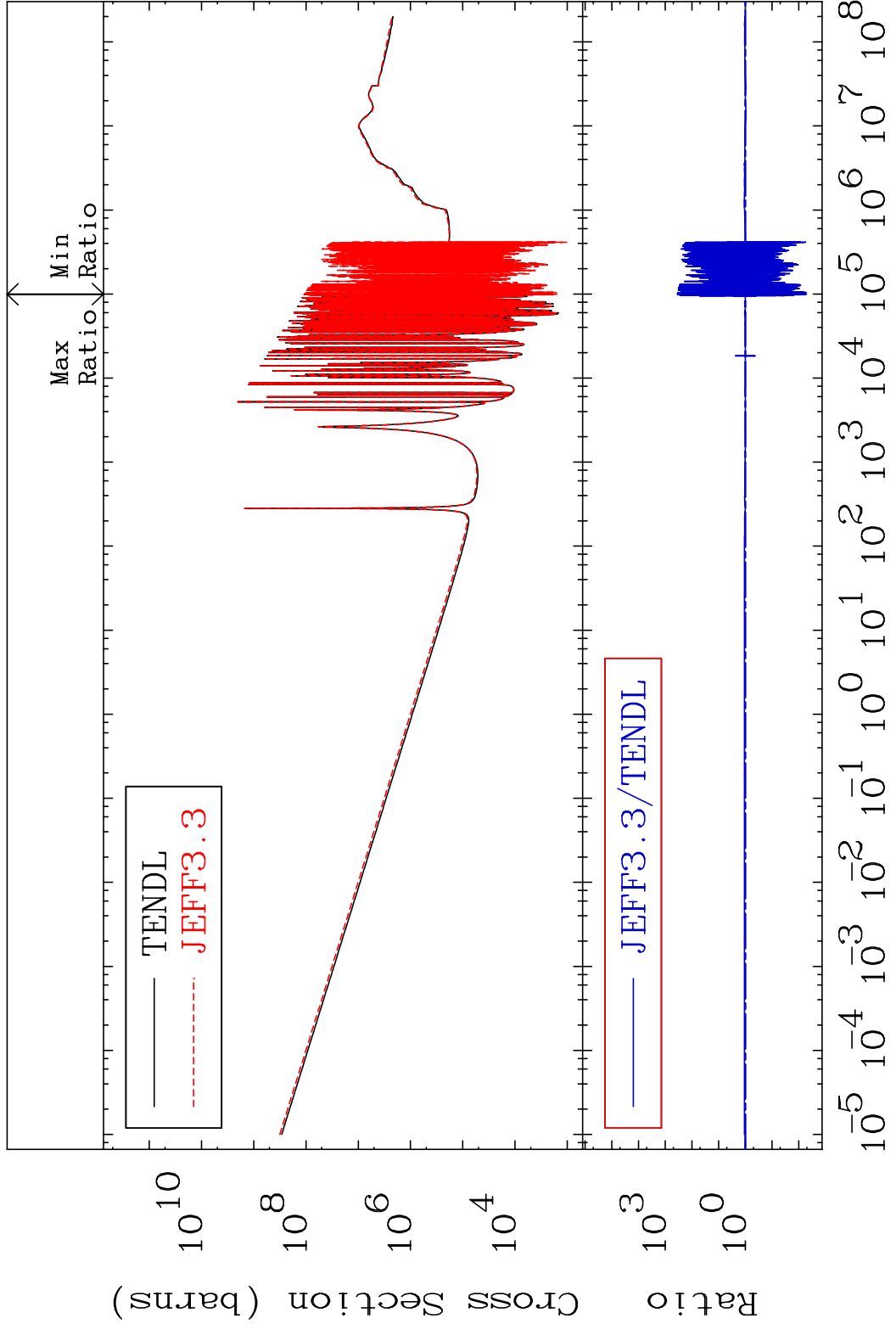
72

Incident Energy (eV)

30-Zn-64

MAT 3025

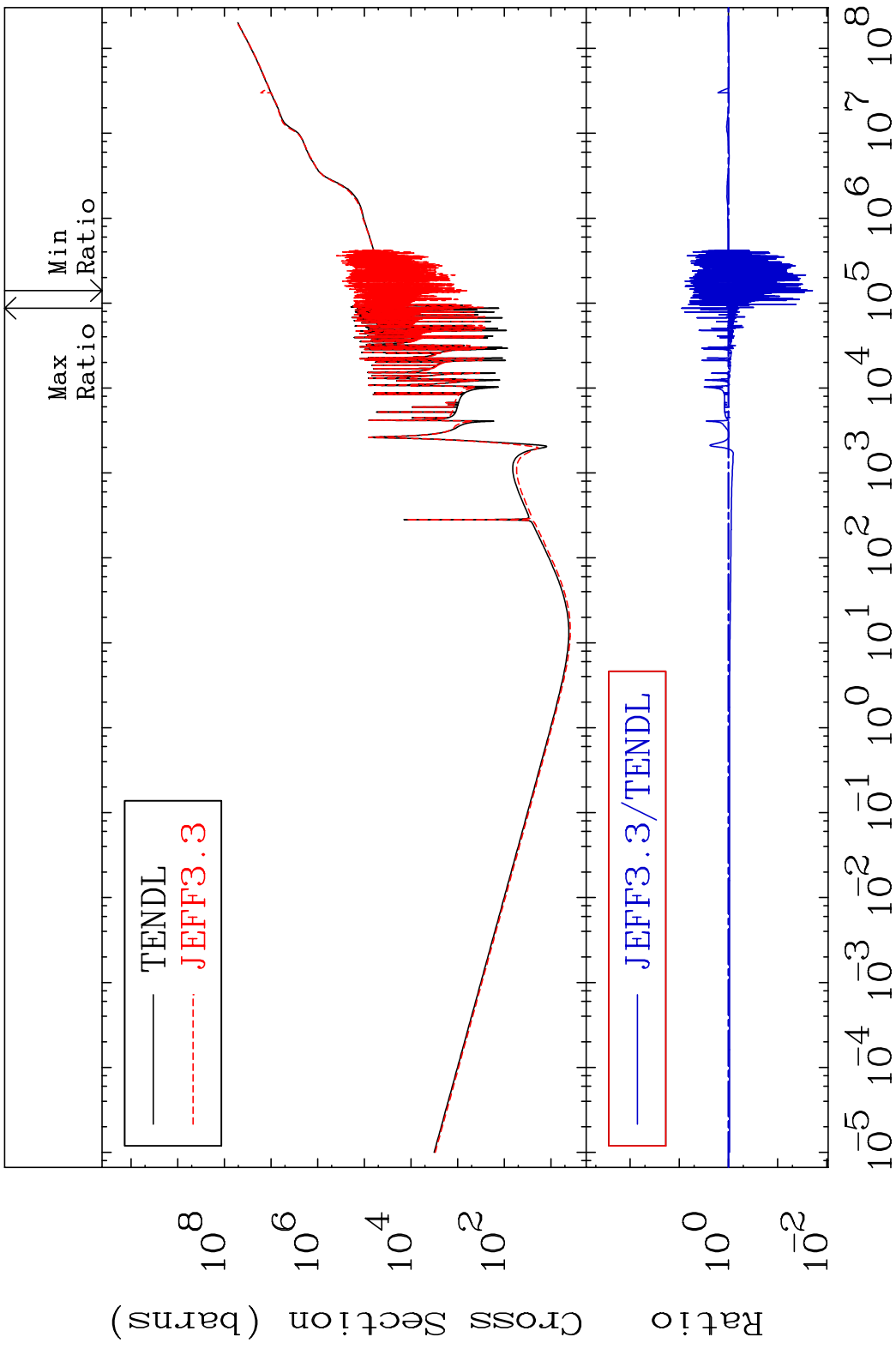
Total photon (eV-barns) 30-Zn-64
Cross Section -99.48 To 9999. %



73

Incident Energy (eV) 30-Zn-64

MAT 3025 Total kinematic kerma (high limit) 30-Zn-64
Cross Section -98.04 To 791.6 %

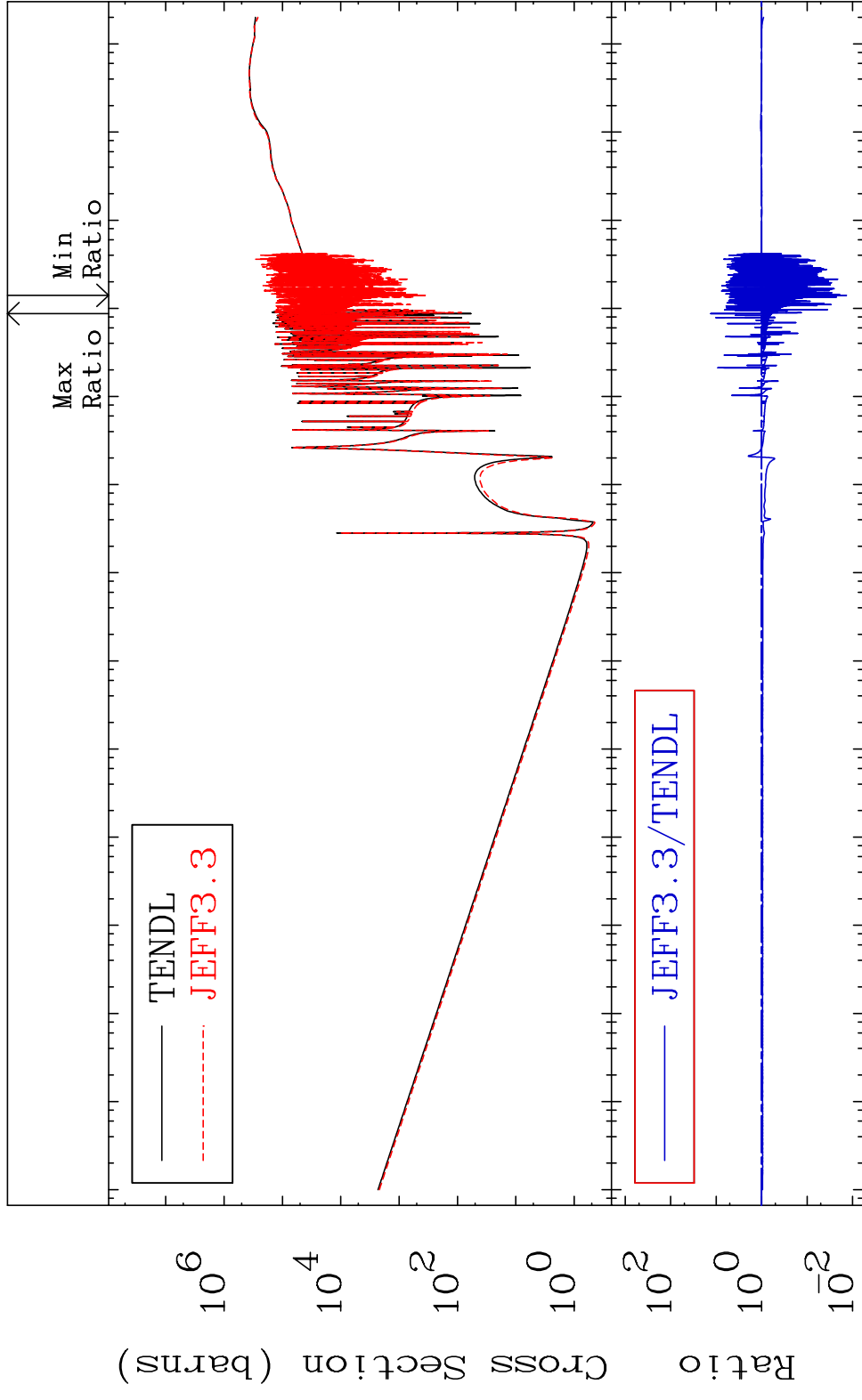


MAT 3025

Dpa total (eV-barns)

30-Zn-64

Cross Section -98.63 To 1219. %



75

Incident Energy (eV)

30-Zn-64

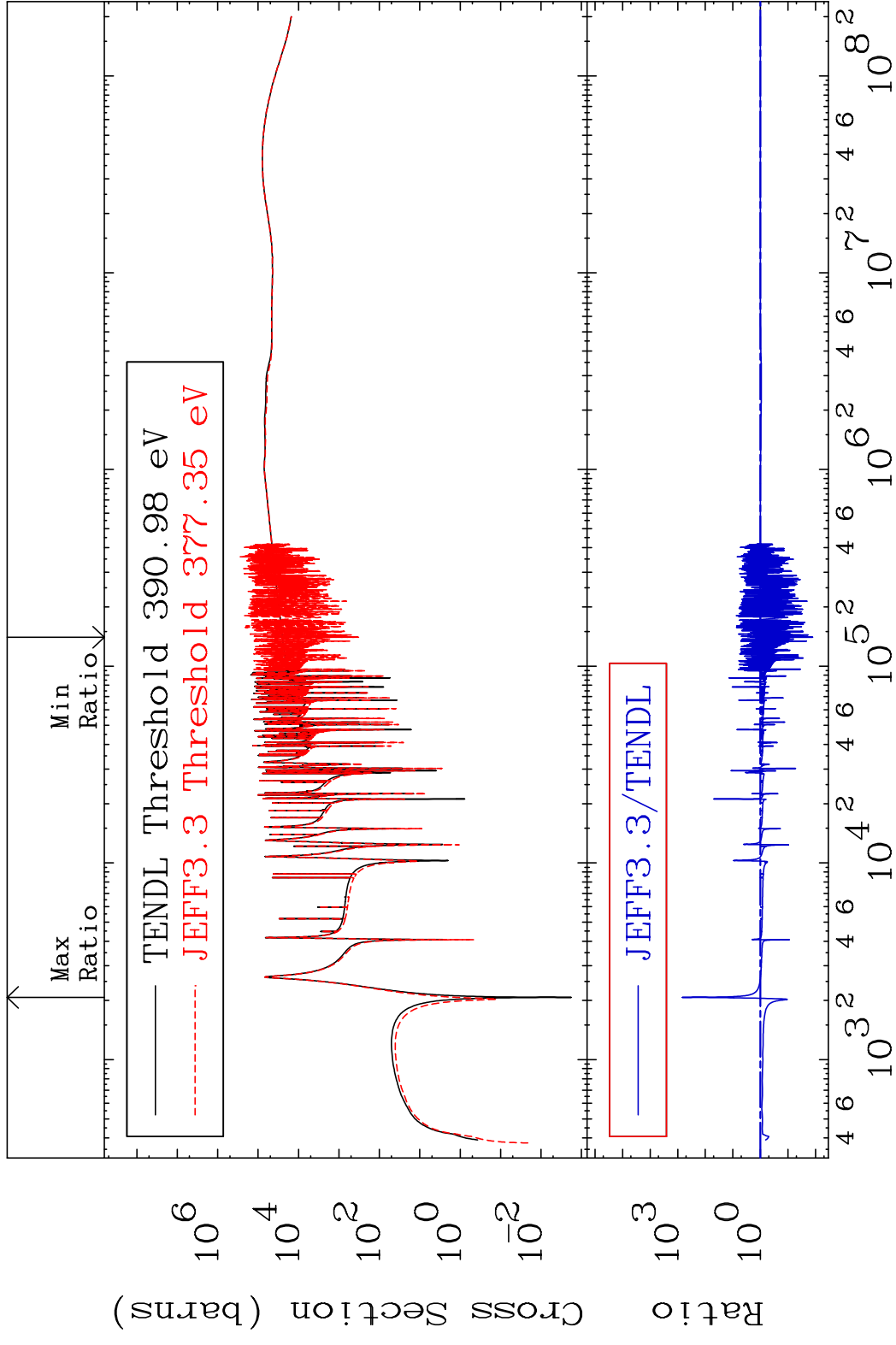
MAT 3025

Dpa elastic (mt2)

30-Zn-64

Cross Section

-98.71 To 9999. %

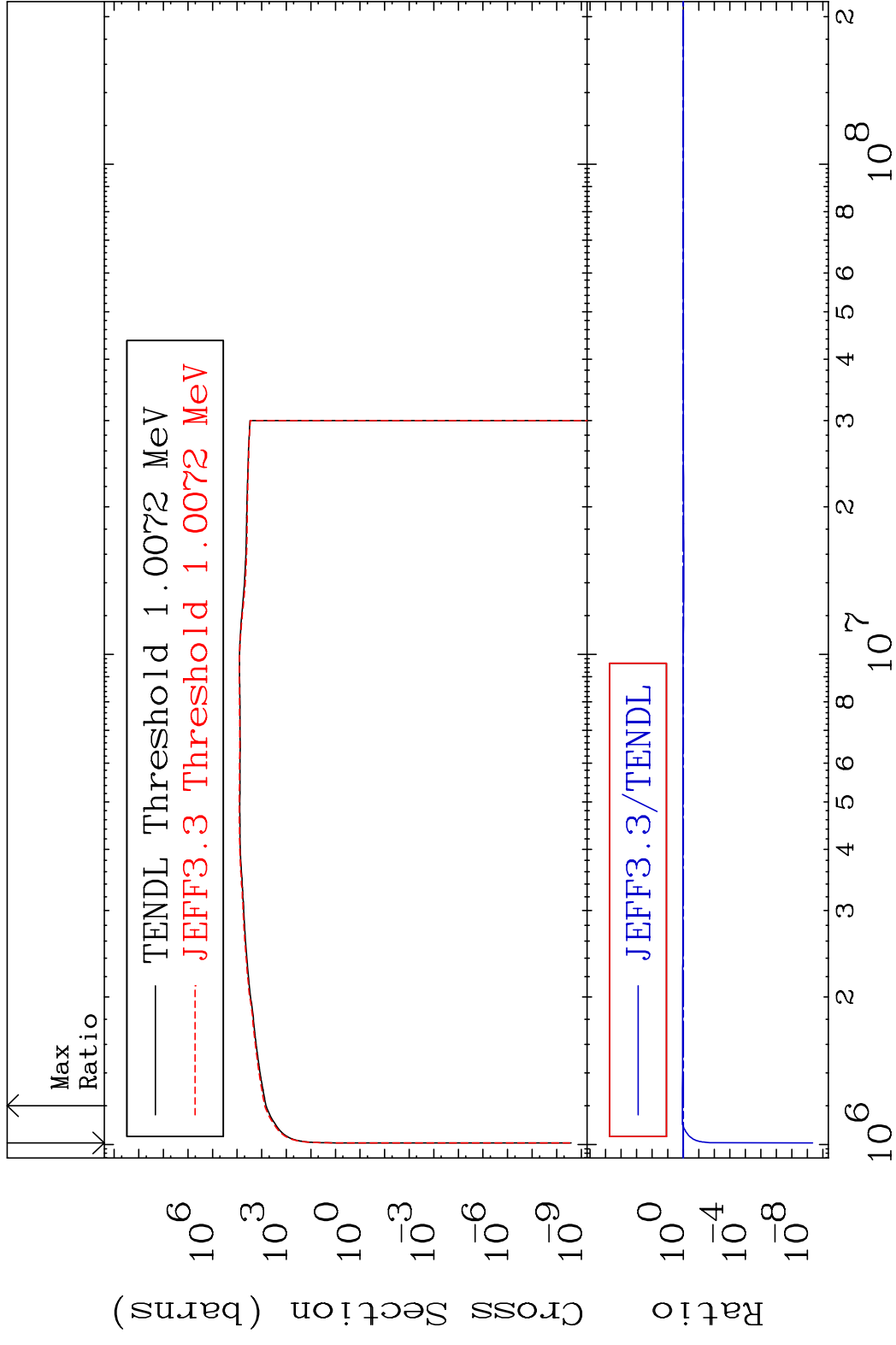


76

Incident Energy (eV)

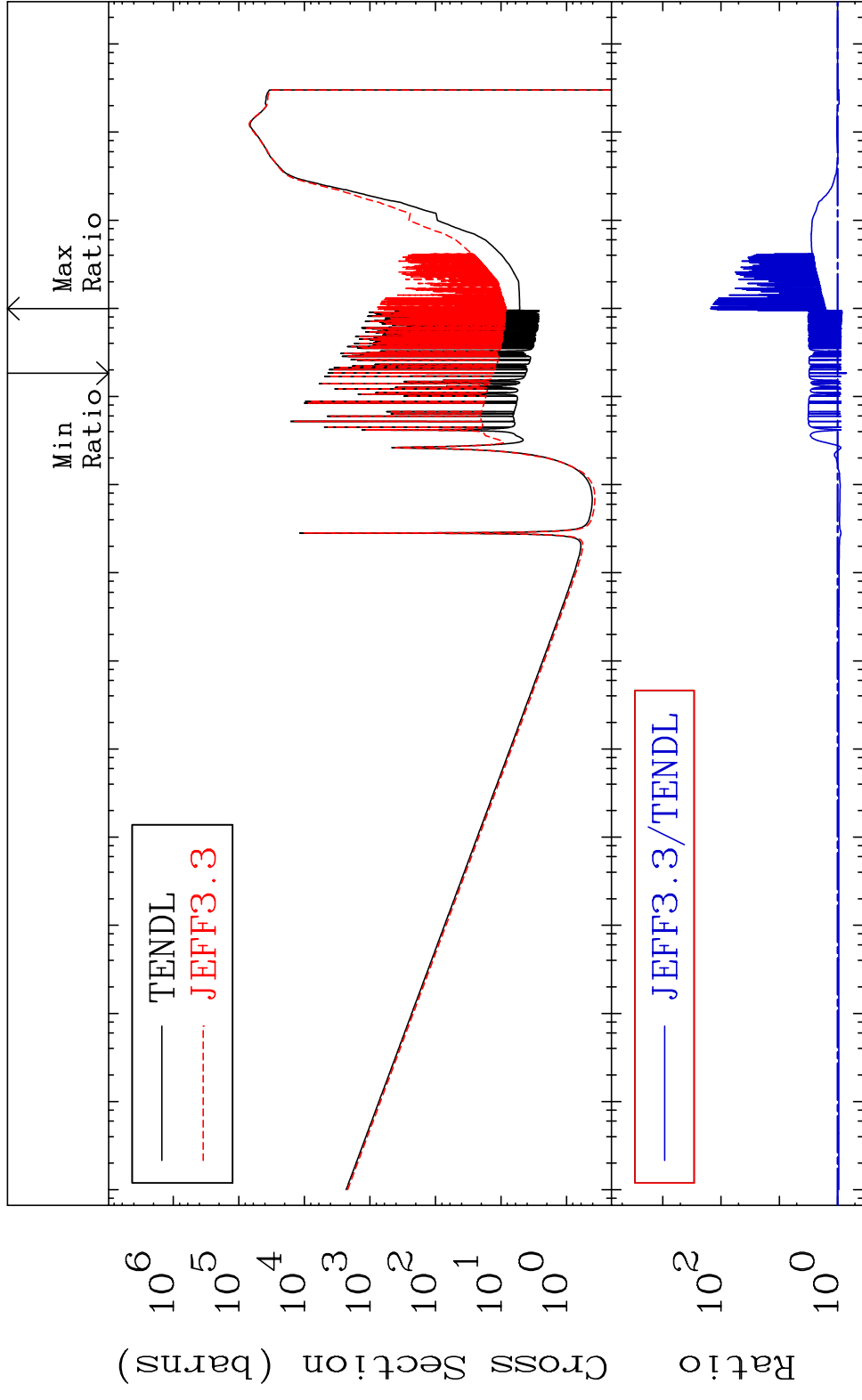
30-Zn-64

MAT 3025 Dpa inelastic (mt51-91) 30-Zn-64
 Cross Section -100.0 To 13.50 %



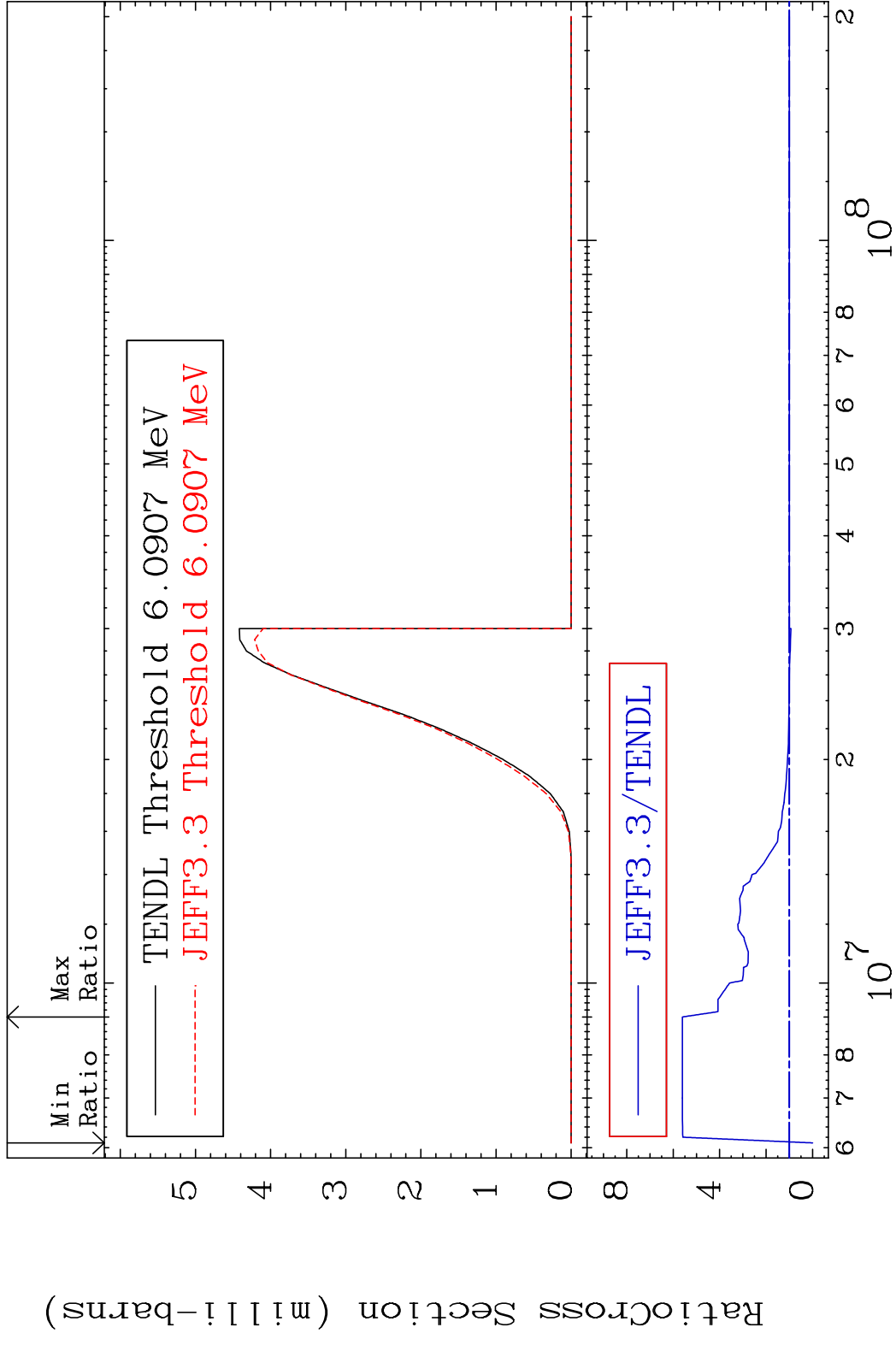
77 Incident Energy (eV) 30-Zn-64

MAT 3025 Dpa disappearance (mt102 -120) 30-Zn-64
 Cross Section -29.43 To 9999. %



78 Incident Energy (eV) 30-Zn-64

MAT 3025 (n, p) α :27-Co-60g 30-Zn-64
 Radionuclide Production Cross Section 180.0 mb 460.7 %



MAT 3025 (n,p) α :27-Co-60m1 30-Zn-64
 Radionuclide Production Cross Section 186491 d10 369.5 %

