

Program Complot
(Version 2021-1)

by

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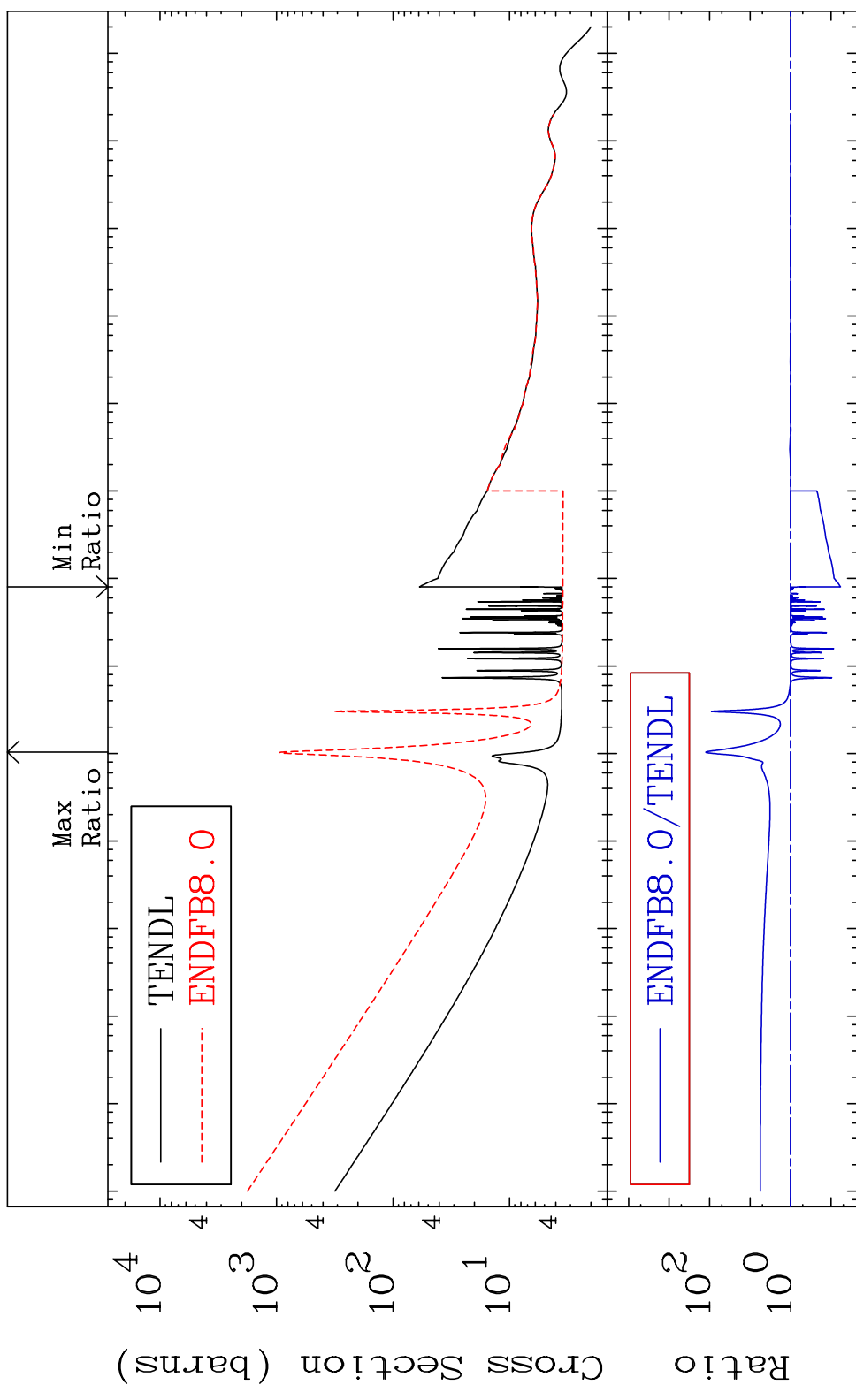
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5229

Total Cross Section -94.11 To 9999. %

52-Te-121m



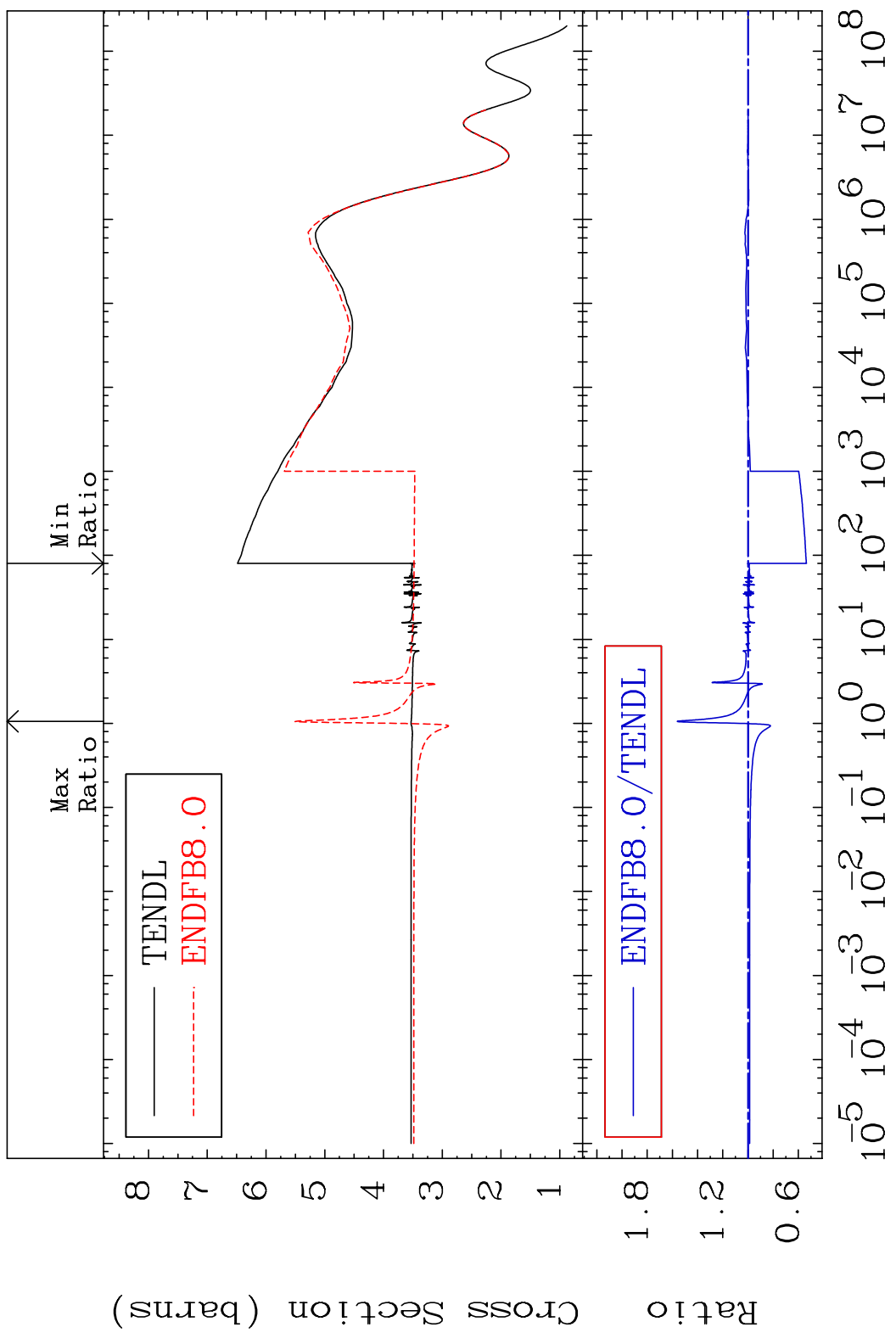
1

Incident Energy (eV)

52-Te-121m

MAT 5229

Elastic
Cross Section -46.35 To 56.20 %



2 Incident Energy (eV) 52-Te-121m

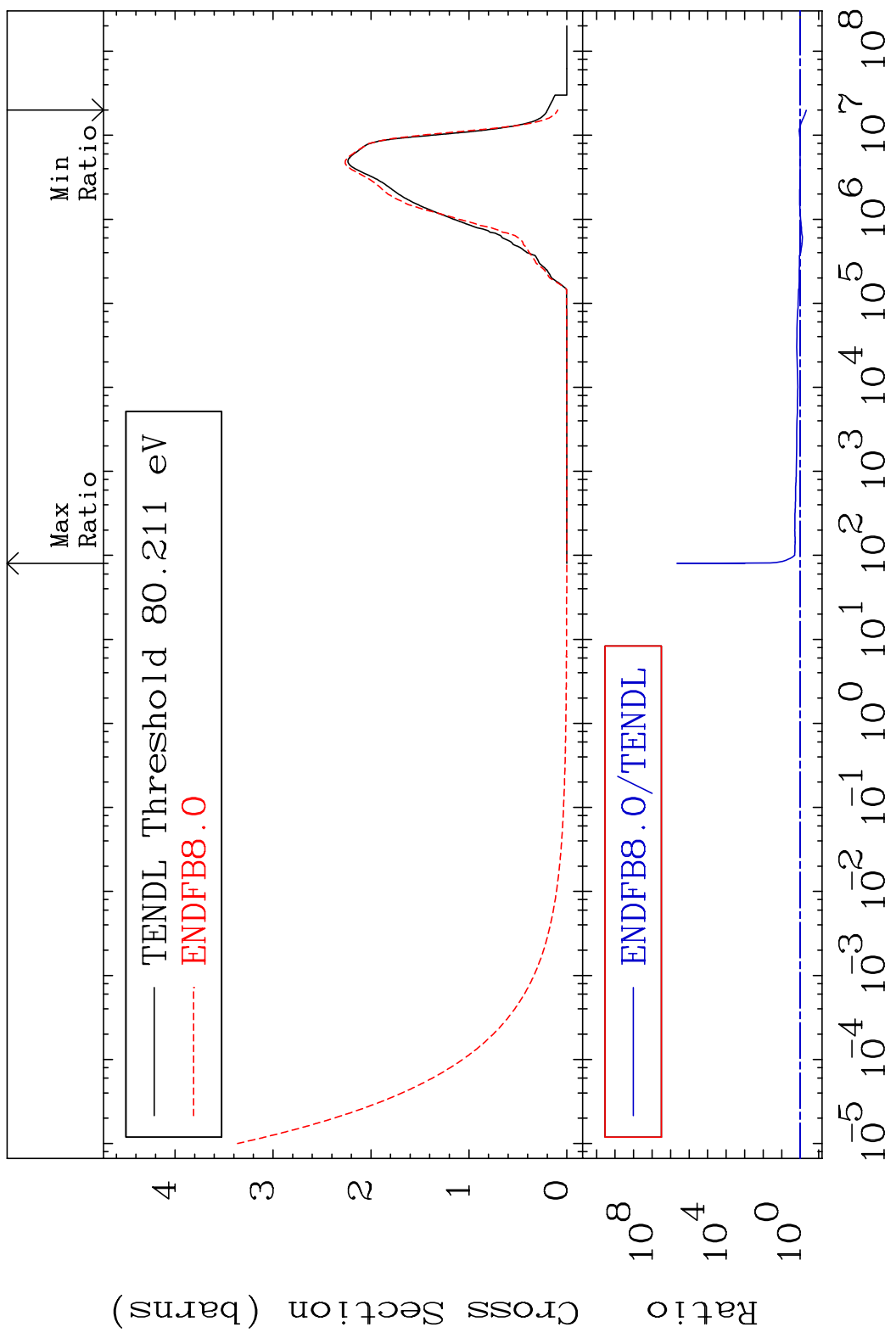
MAT 5229

Inelastic

52-Te-121m

Cross Section

-53.67 To 9999. %



3

Incident Energy (eV)

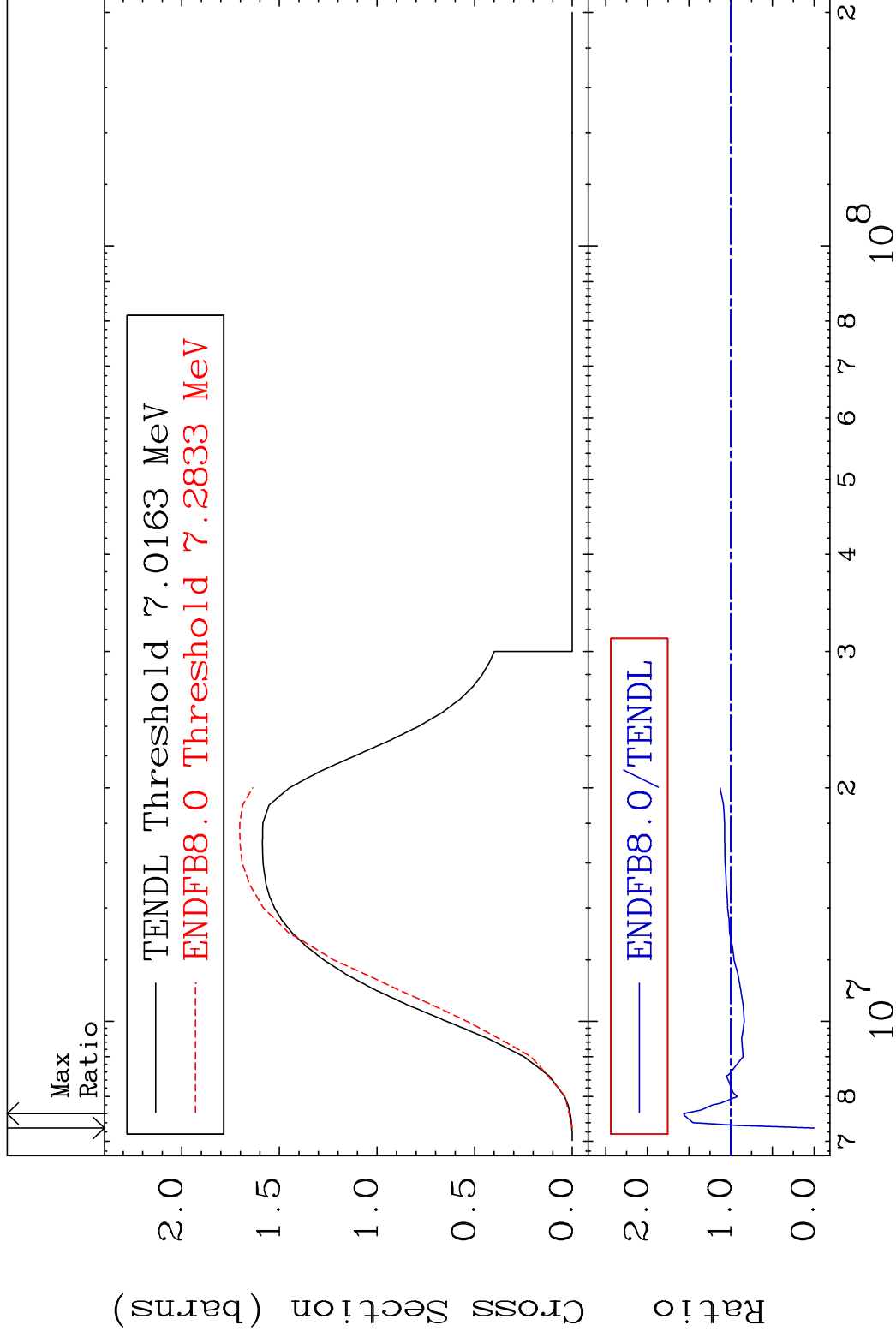
52-Te-121m

MAT 5229

(n,2n)

52-Te-121m

Cross Section -100.0 To 56.48 %

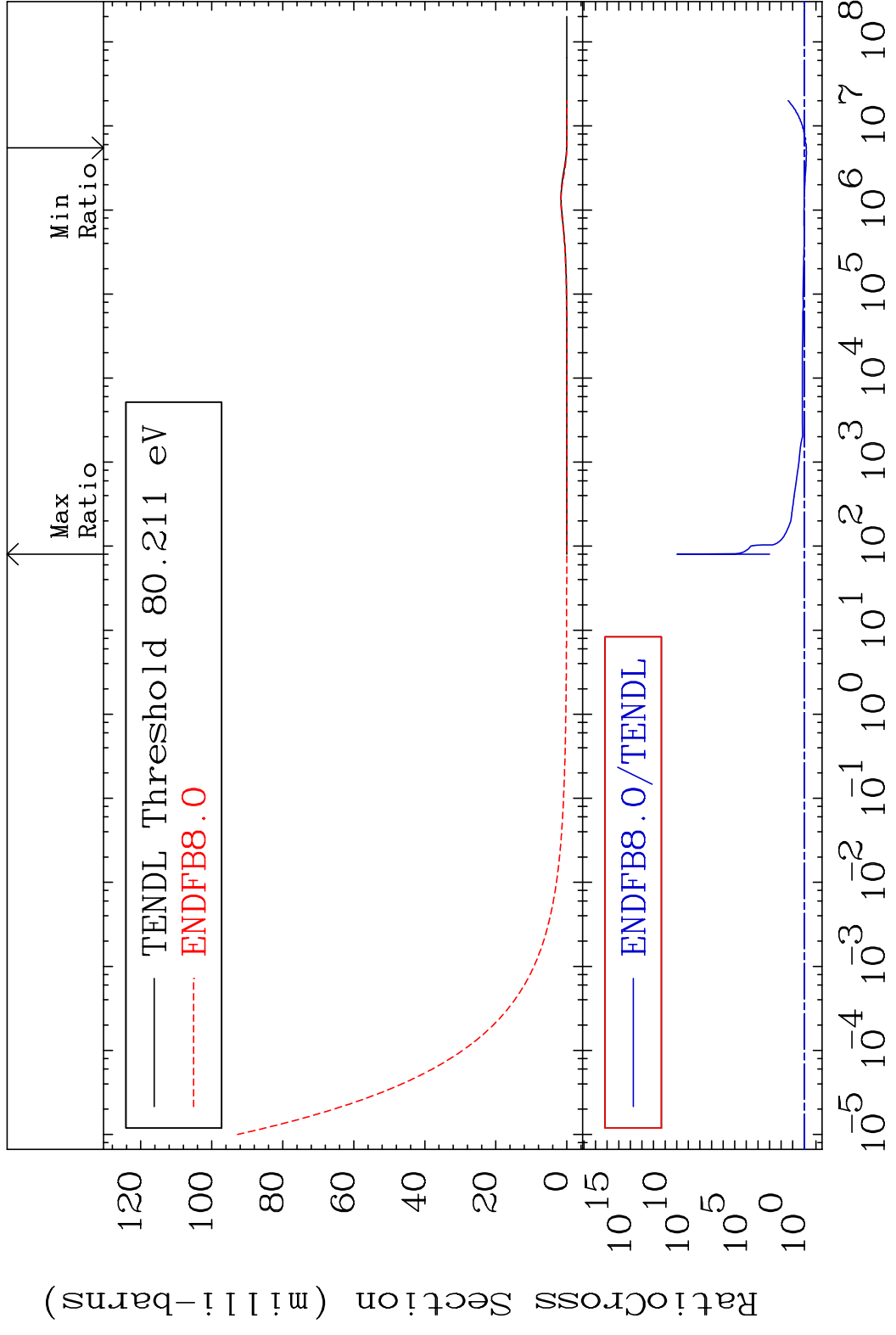


4

Incident Energy (eV)

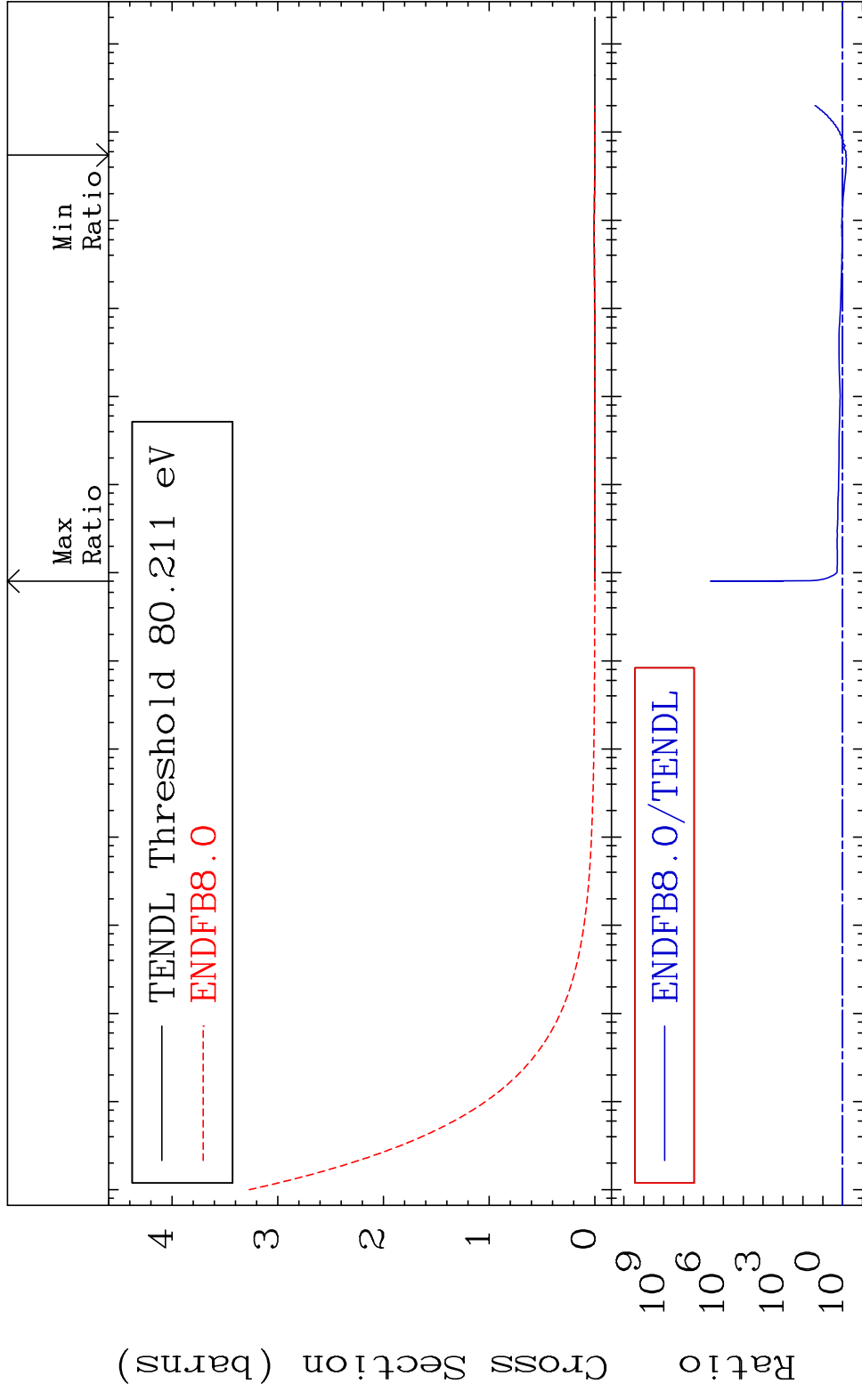
52-Te-121m

MAT 5229 MT= 51 (n, n') Level 52-Te-121m
 Cross Section -33.49 To 9999. %



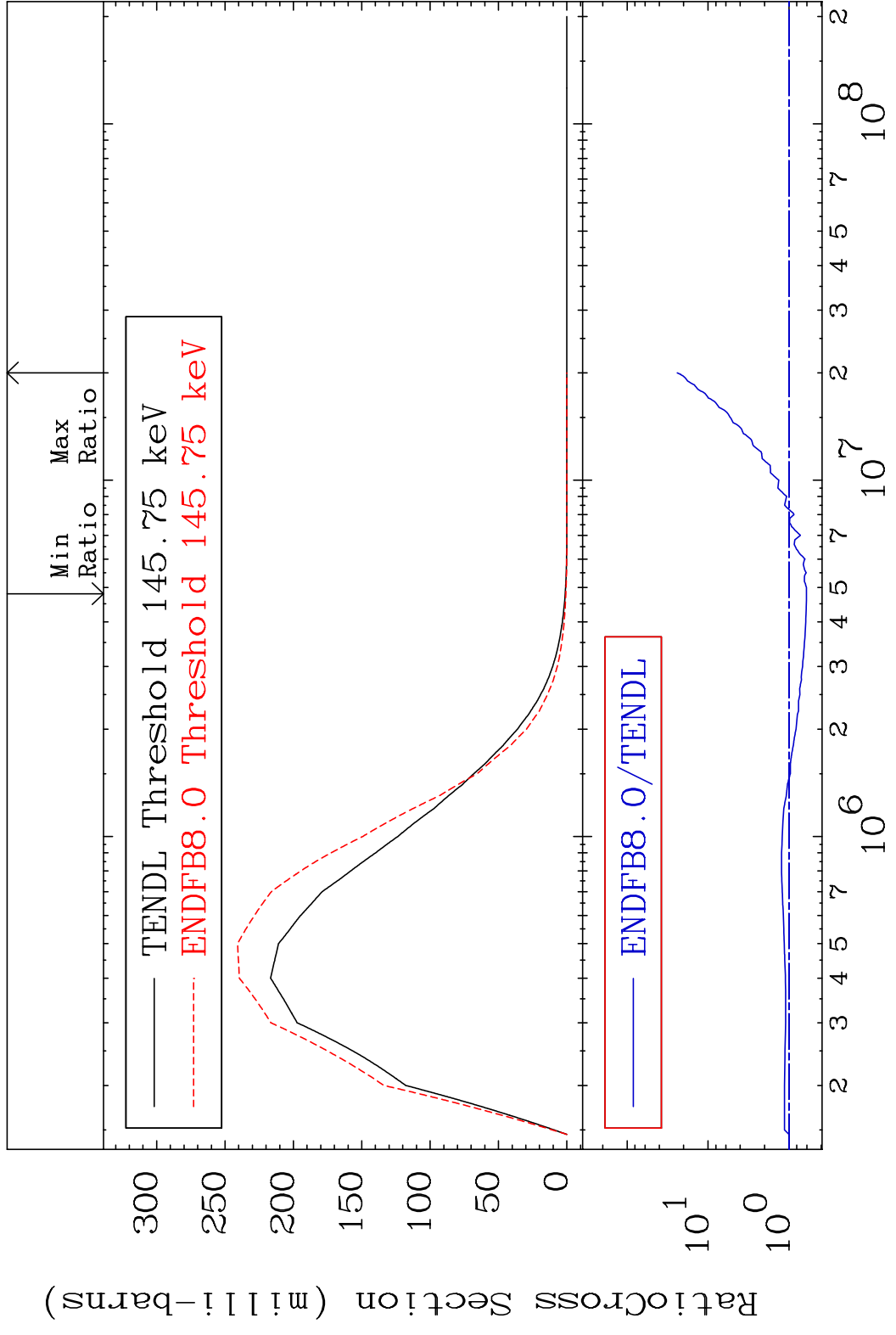
5 52-Te-121m

MAT 5229 MT= 52 (n,n') Level 52-Te-121m
 Cross Section -34.31 To 9999. %

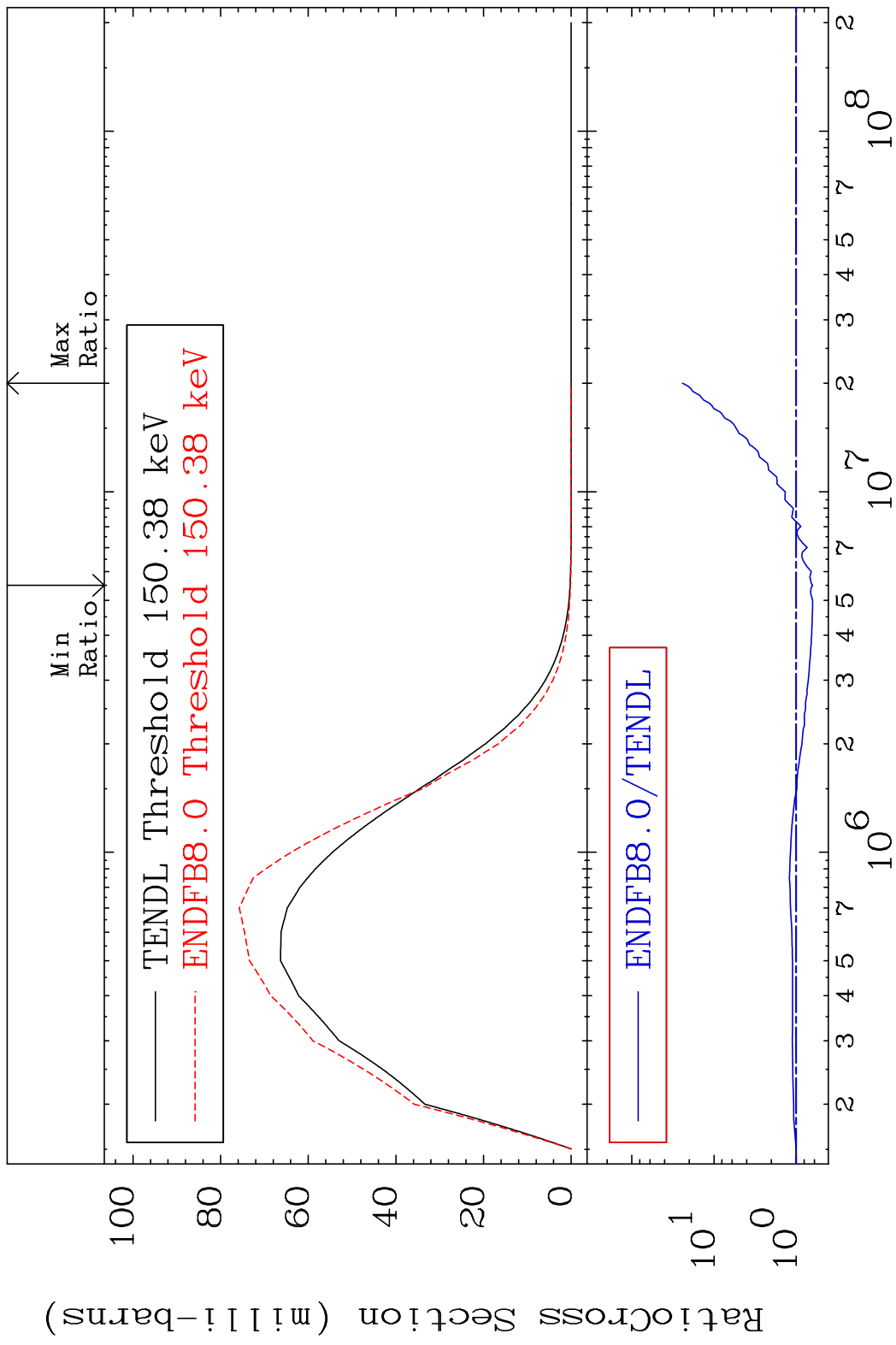


6 Incident Energy (eV) 52-Te-121m

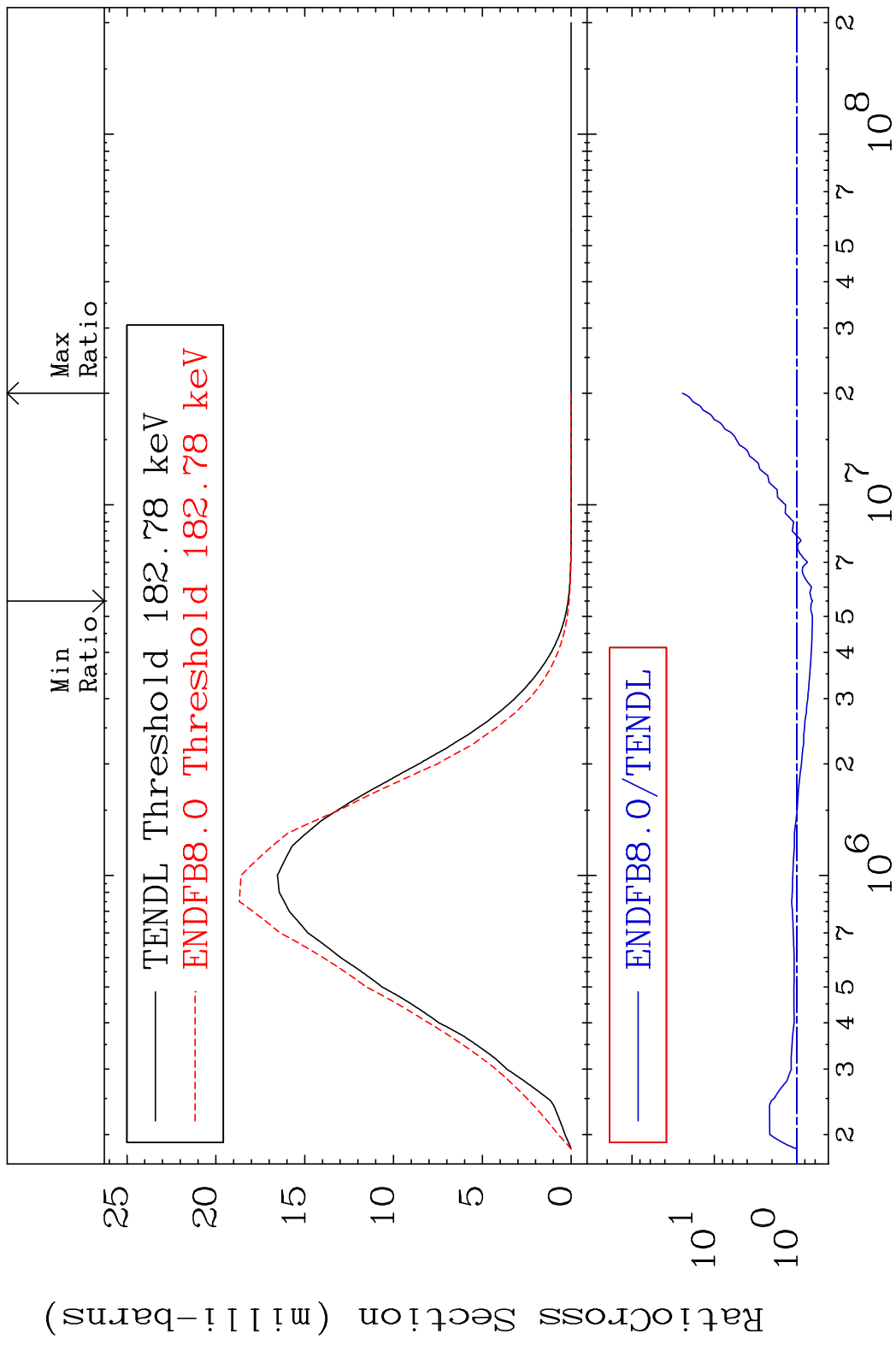
MAT 5229 MT= 53 (n, n') Level 52-Te-121m
 Cross Section -39.18 To 2305. %



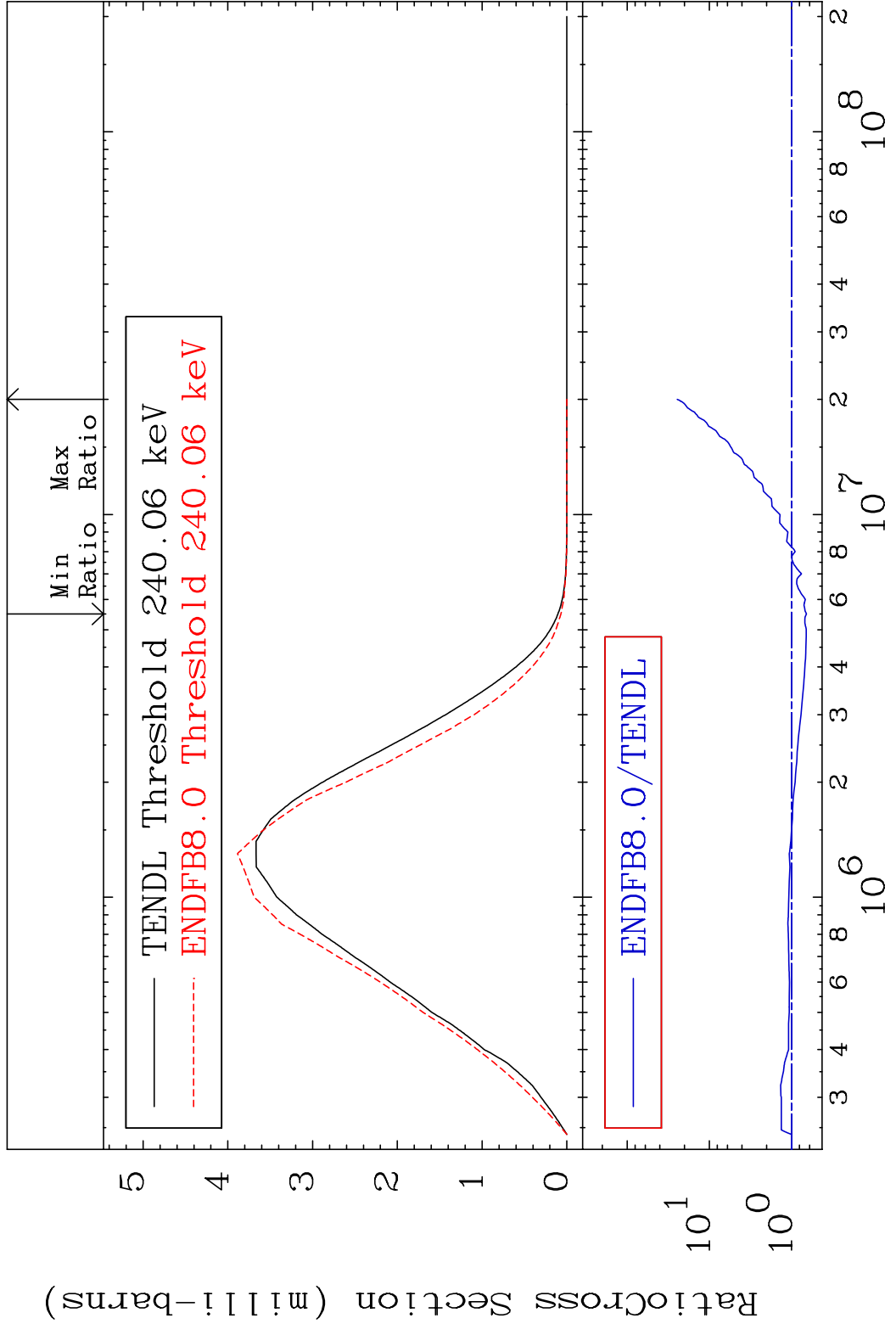
MAT 5229 MT= 54 (n, n') Level 52-Te-121m
 Cross Section -36.92 To 2328. %



MAT 5229 MT= 55 (n,n') Level 52-Te-121m
 Cross Section -35.45 To 2345. %

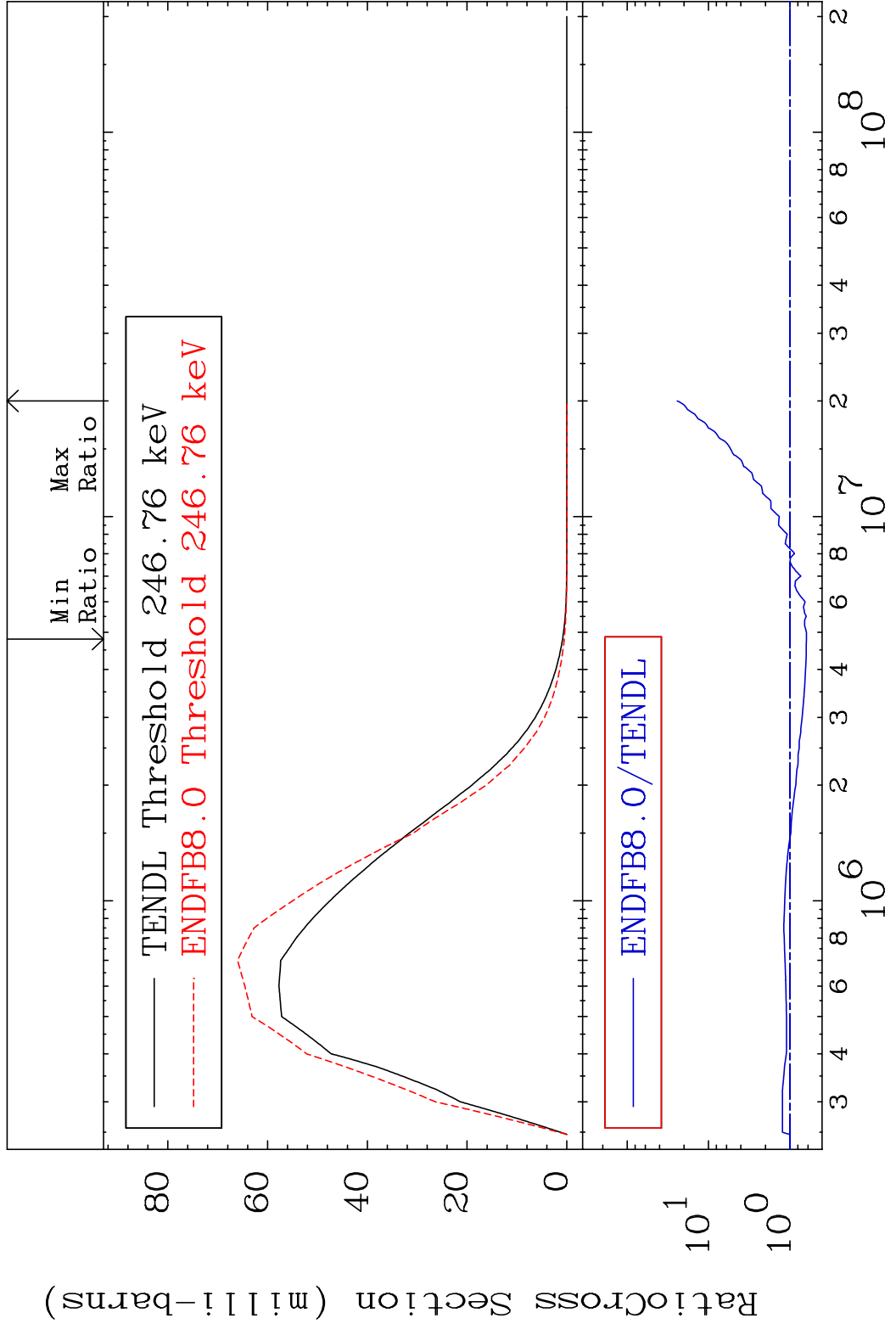


MAT 5229 MT= 56 (n, n') Level 52-Te-121m
 Cross Section -34.24 To 2357. %

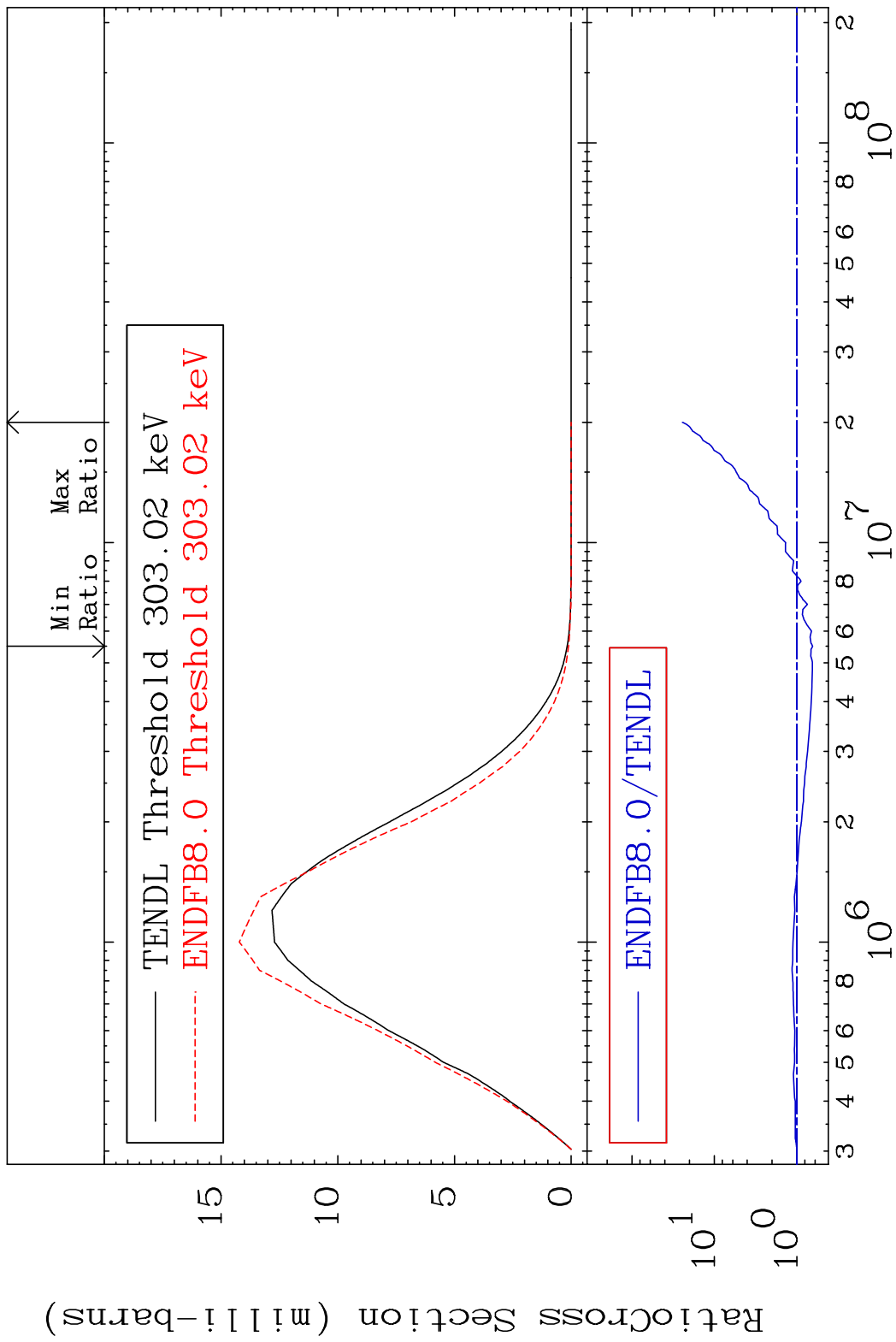


10 Incident Energy (eV) 52-Te-121m

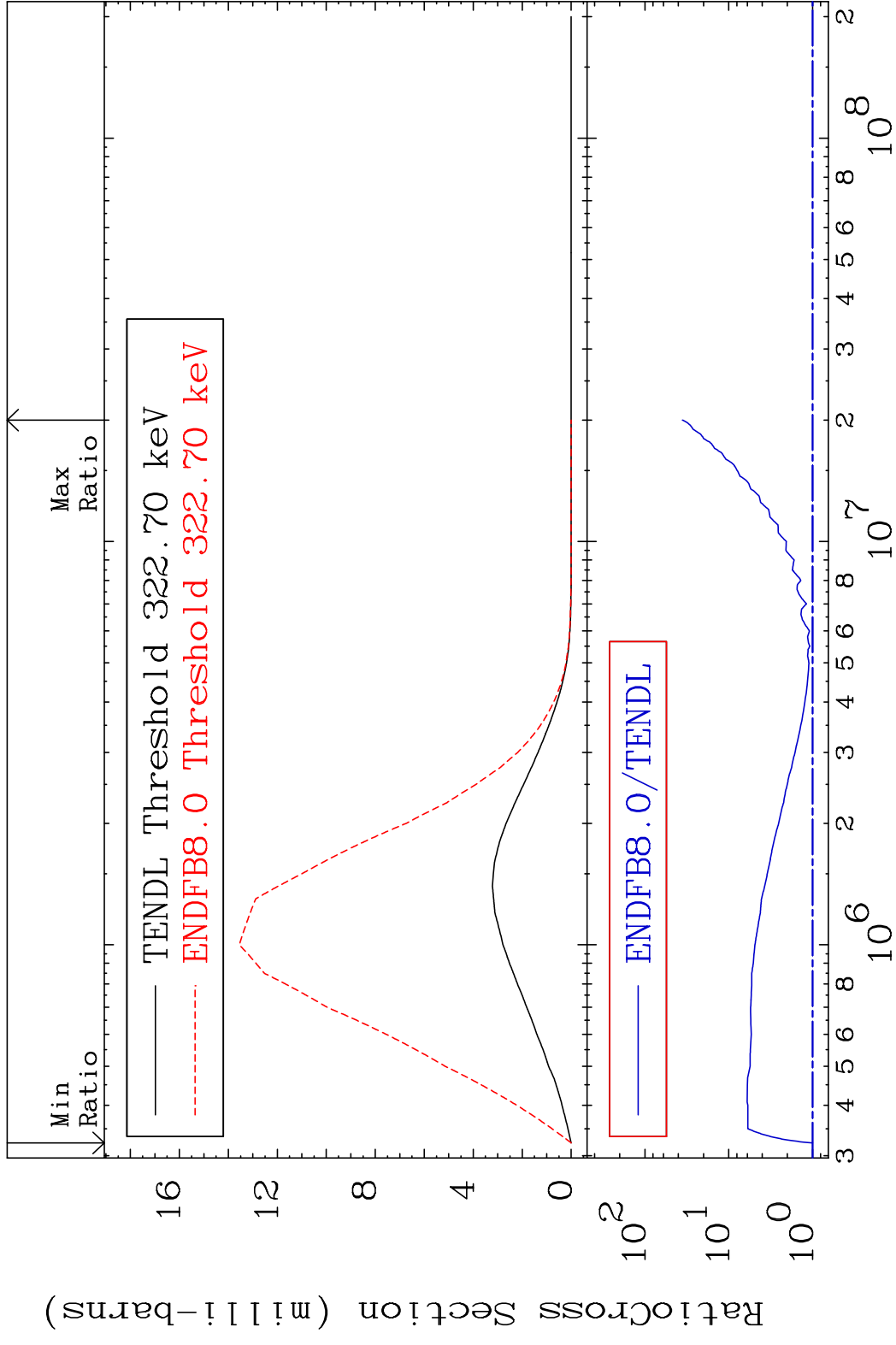
MAT 5229 MT= 57 (n, n') Level 52-Te-121m
 Cross Section -37.28 To 2328. %



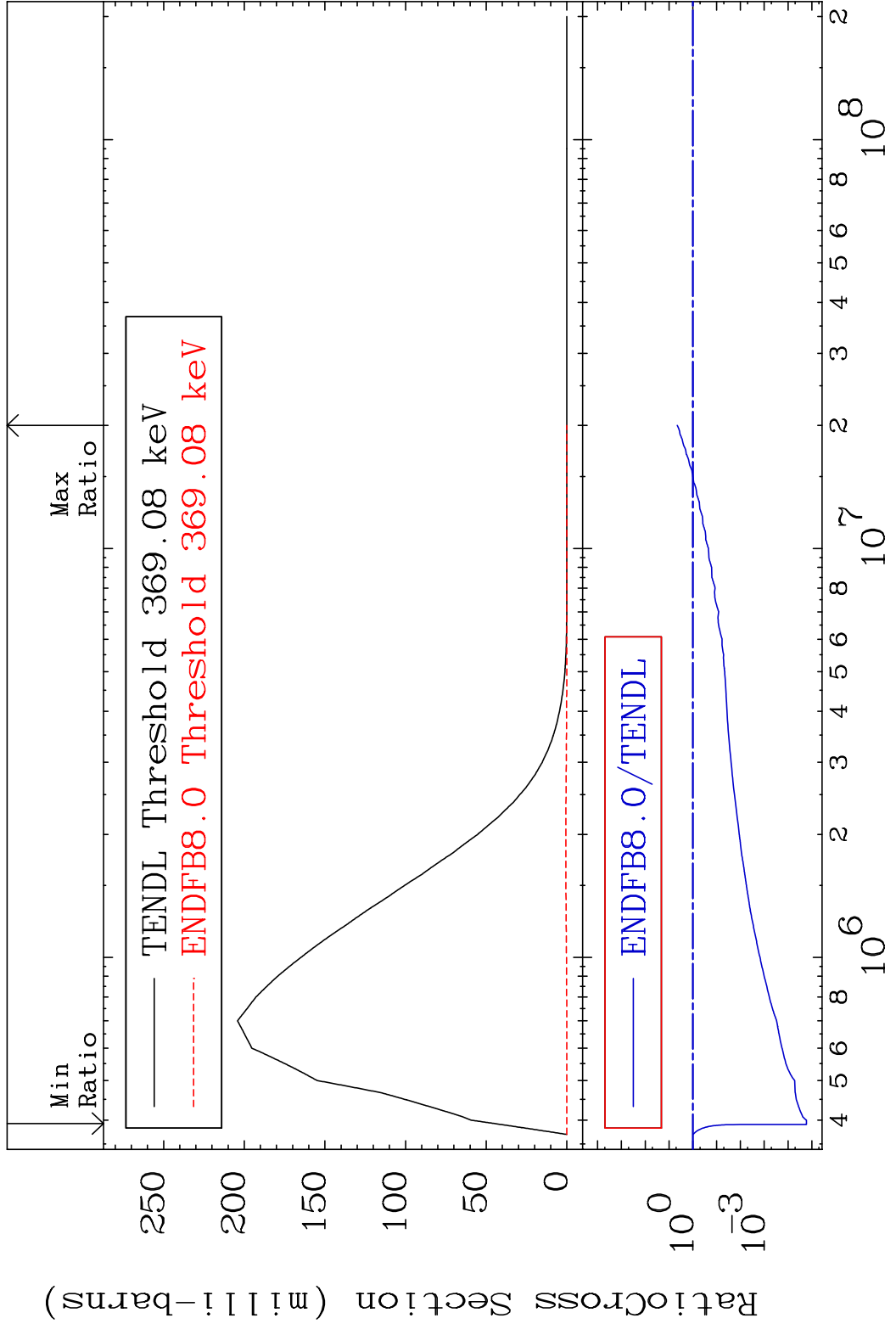
MAT 5229 MT= 58 (n, n') Level 52-Te-121m
 Cross Section -35.41 To 2345. %



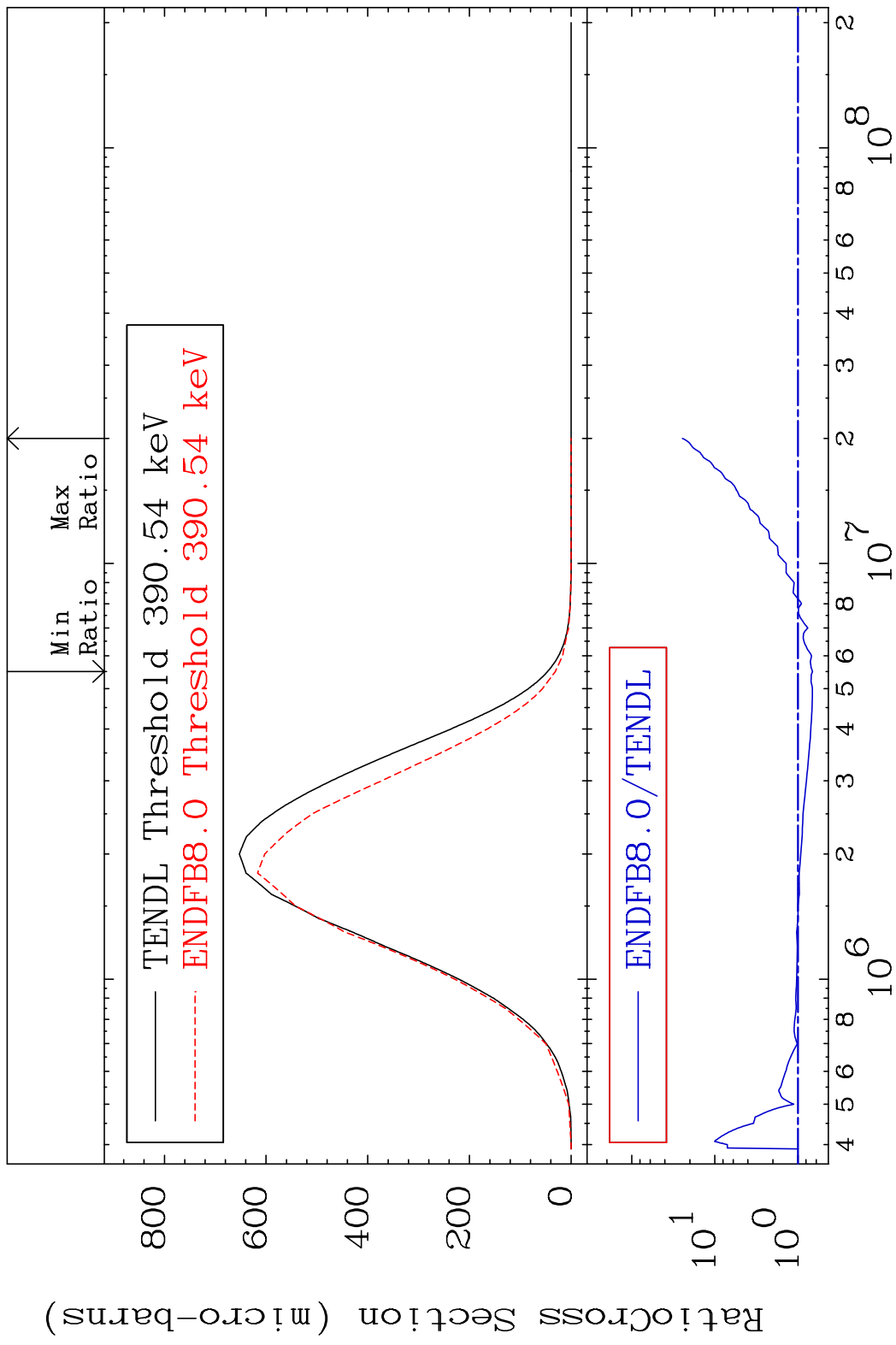
MAT 5229 MT= 59 (n,n') Level 52-Te-121m
 Cross Section 0.000 To 3478. %



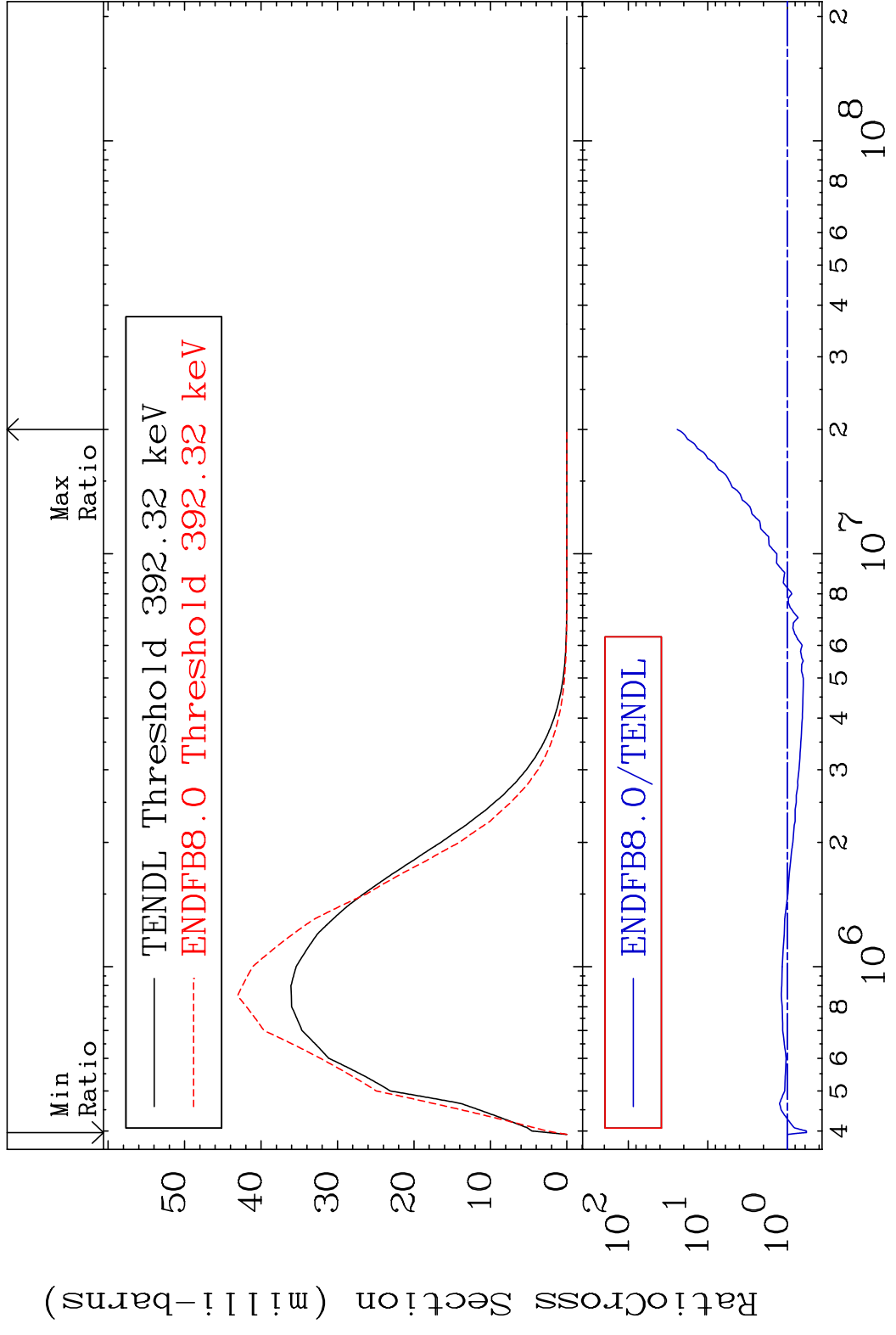
MAT 5229 MT= 60 (n,n') Level 52-Te-121m
 Cross Section -100.0 To 353.7 %



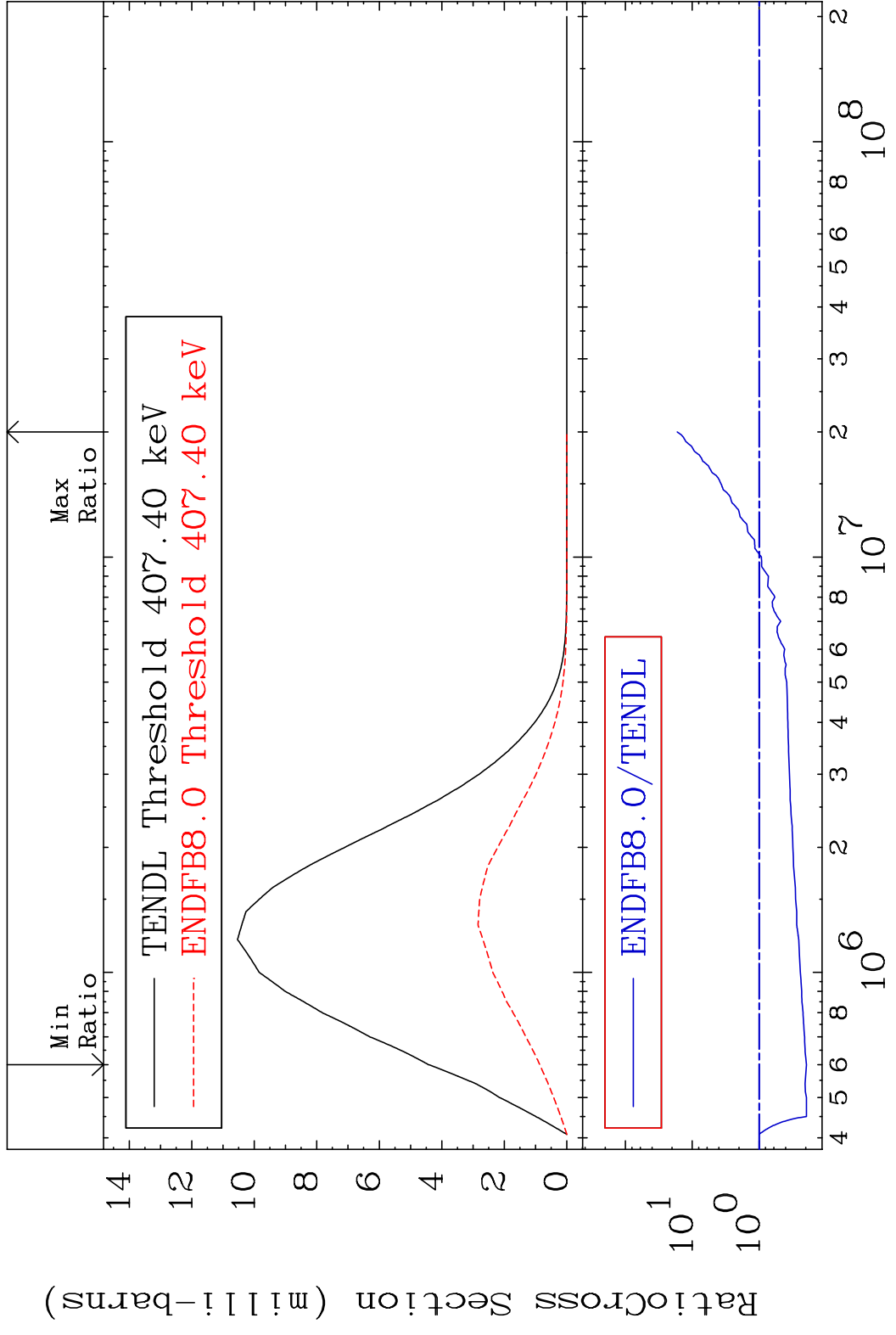
MAT 5229 MT= 61 (n, n') Level 52-Te-121m
 Cross Section -33.39 To 2364. %



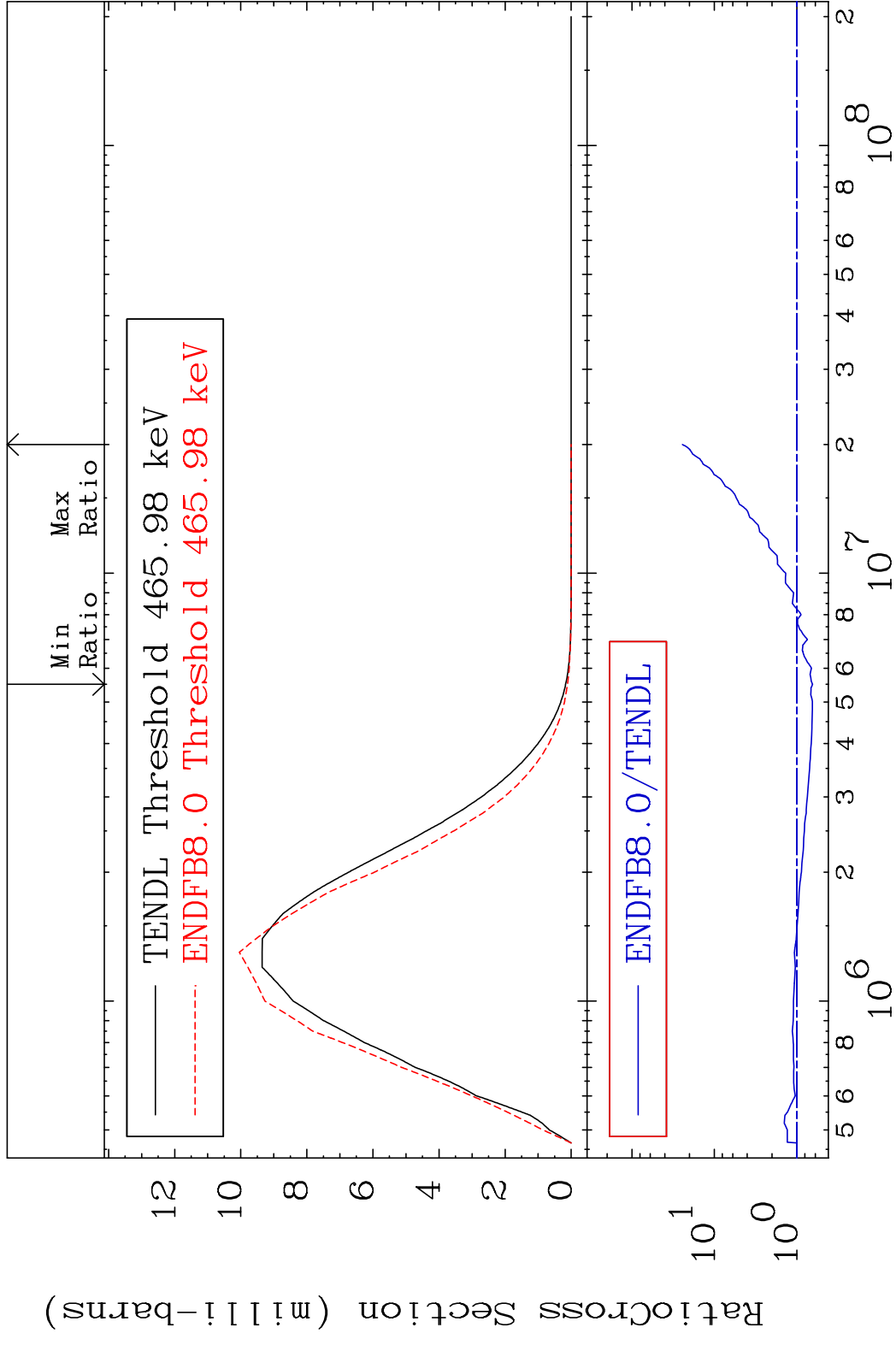
MAT 5229 MT= 62 (n,n') Level 52-Te-121m
 Cross Section -42.31 To 2328. %



MAT 5229 MT= 63 (n, n') Level 52-Te-121m
 Cross Section -80.42 To 1580. %

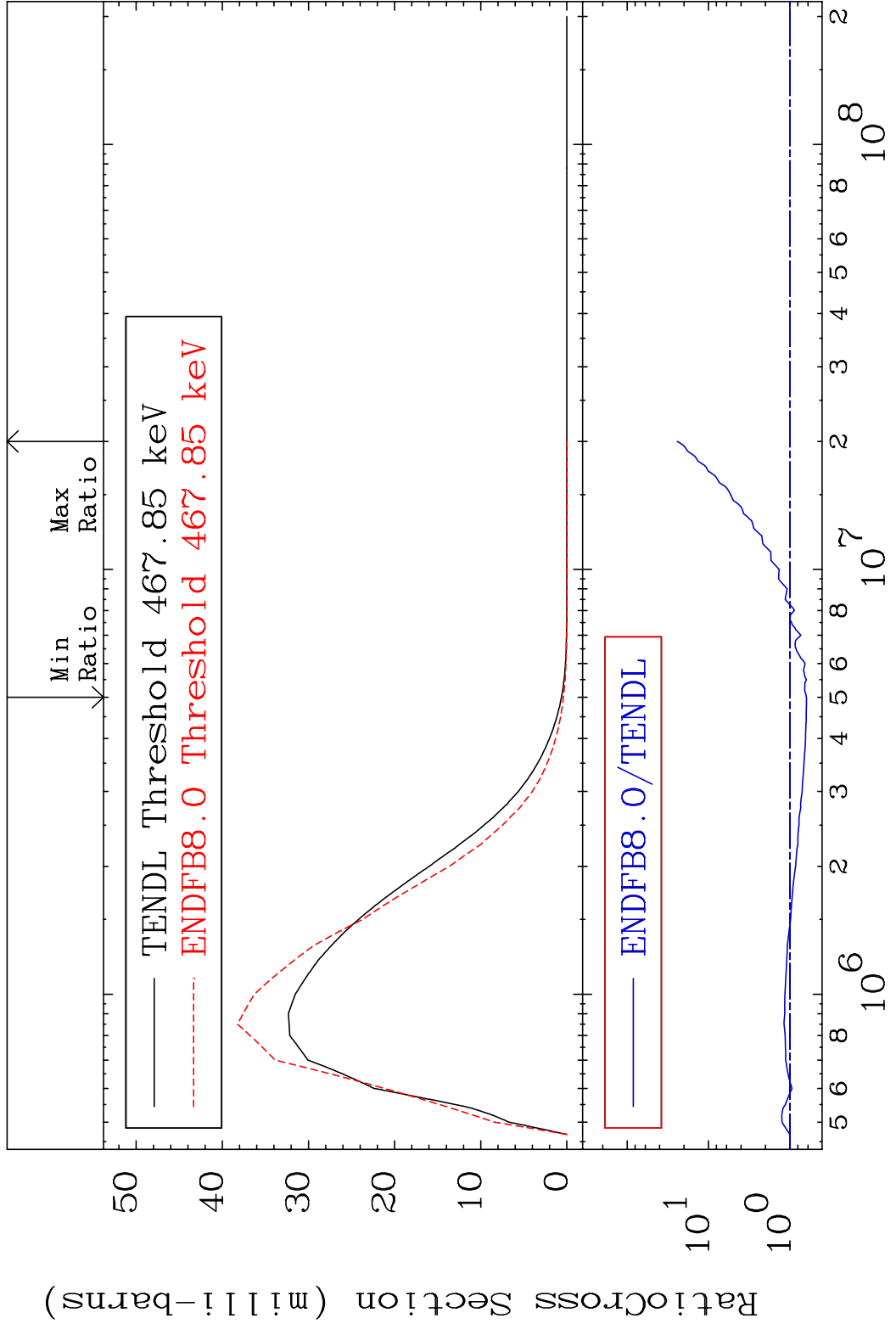


MAT 5229 MT= 64 (n, n') Level 52-Te-121m
 Cross Section -35.34 To 2346. %

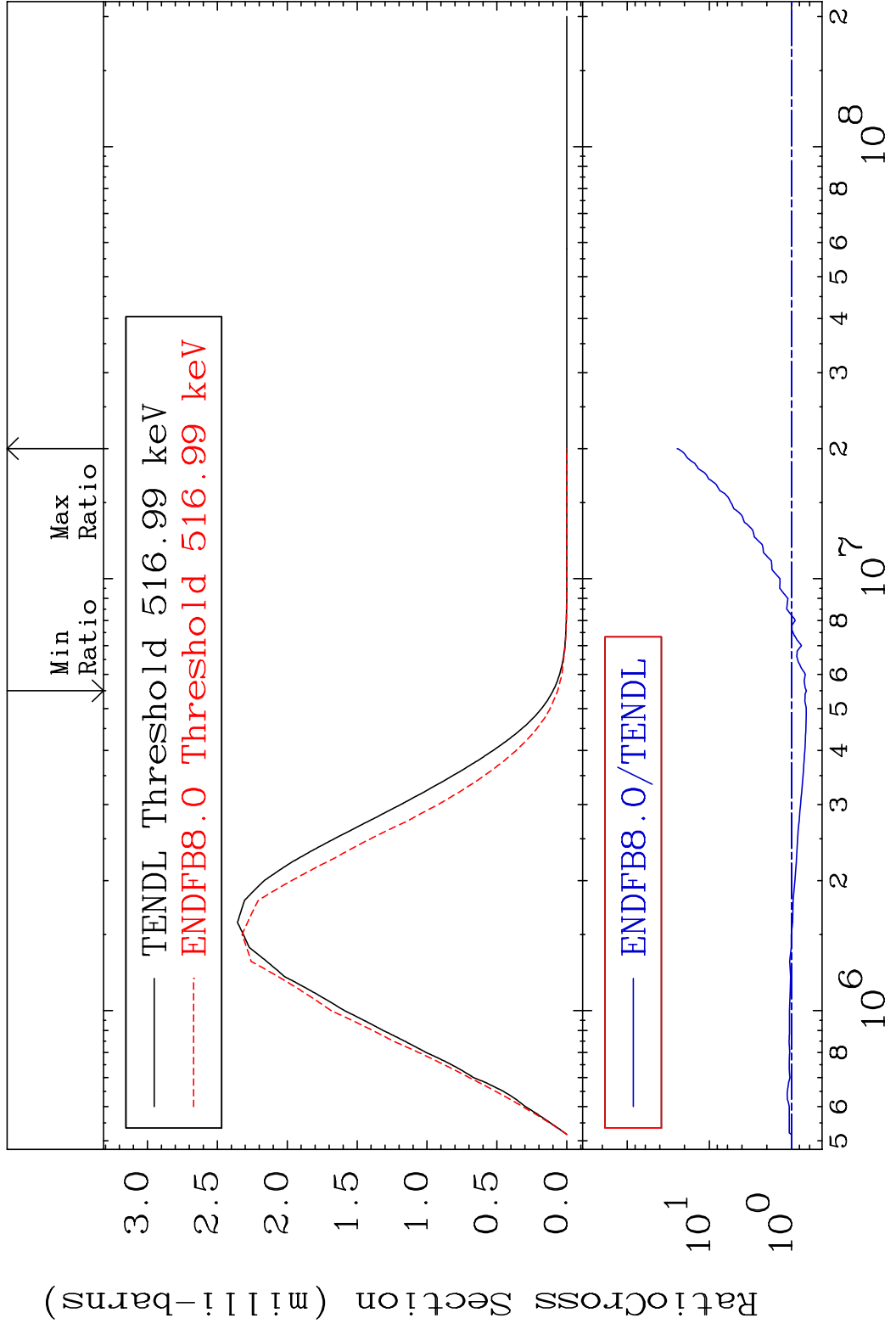


18 Incident Energy (eV) 52-Te-121m

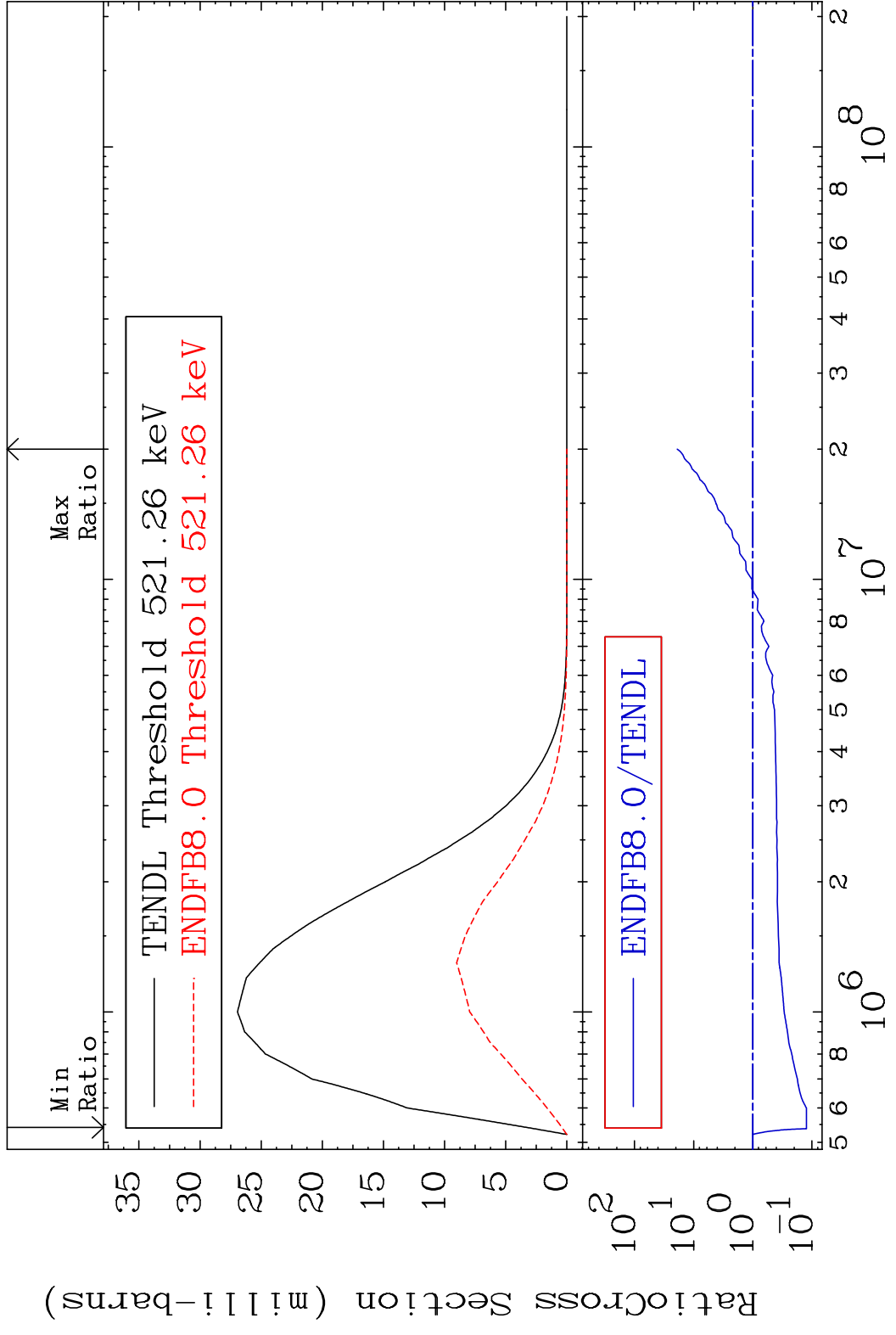
MAT 5229 MT= 65 (n, n') Level 52-Te-121m
 Cross Section -37.20 To 2329. %



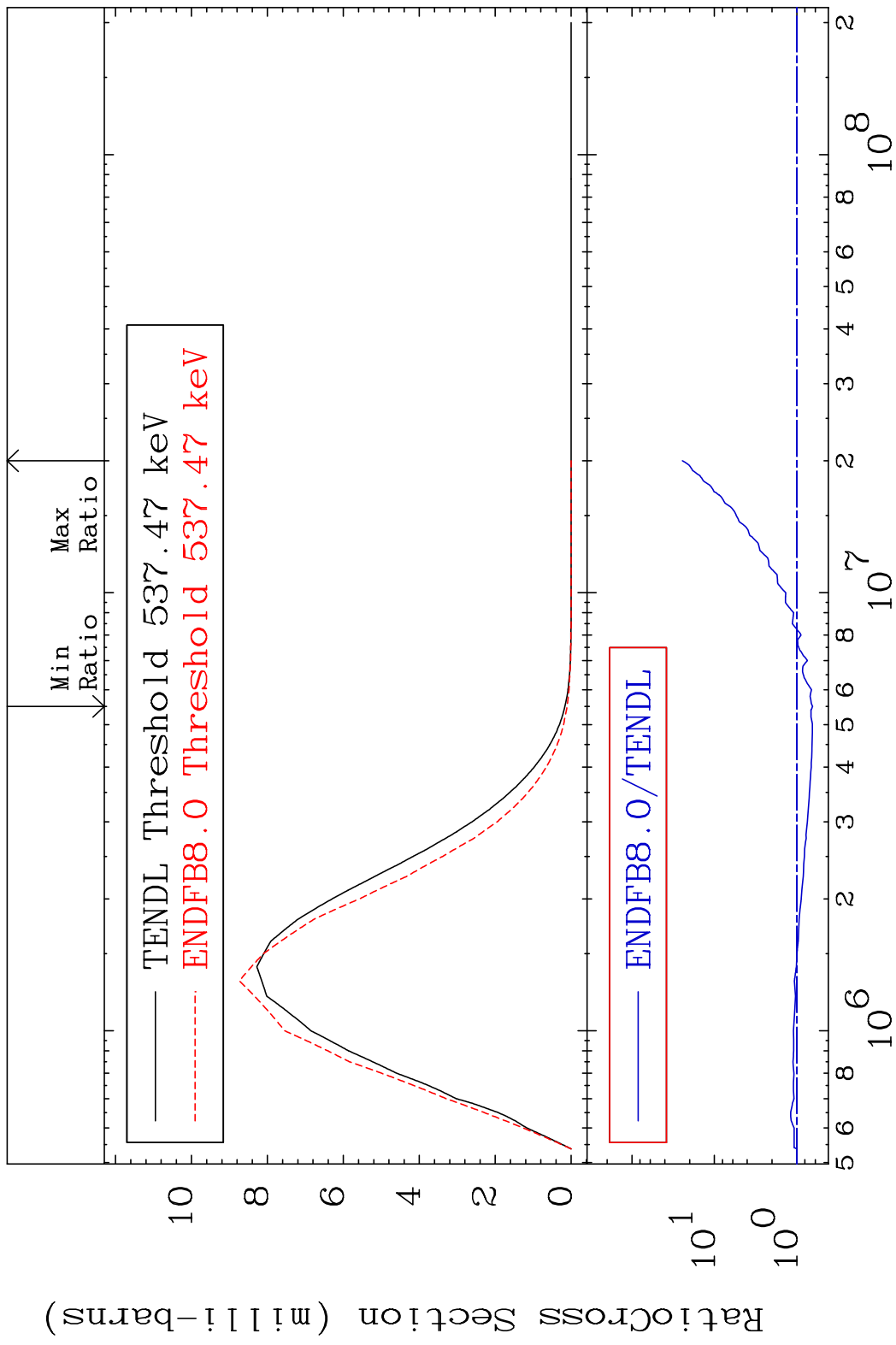
MAT 5229 MT= 66 (n, n') Level 52-Te-121m
 Cross Section -34.18 To 2359. %



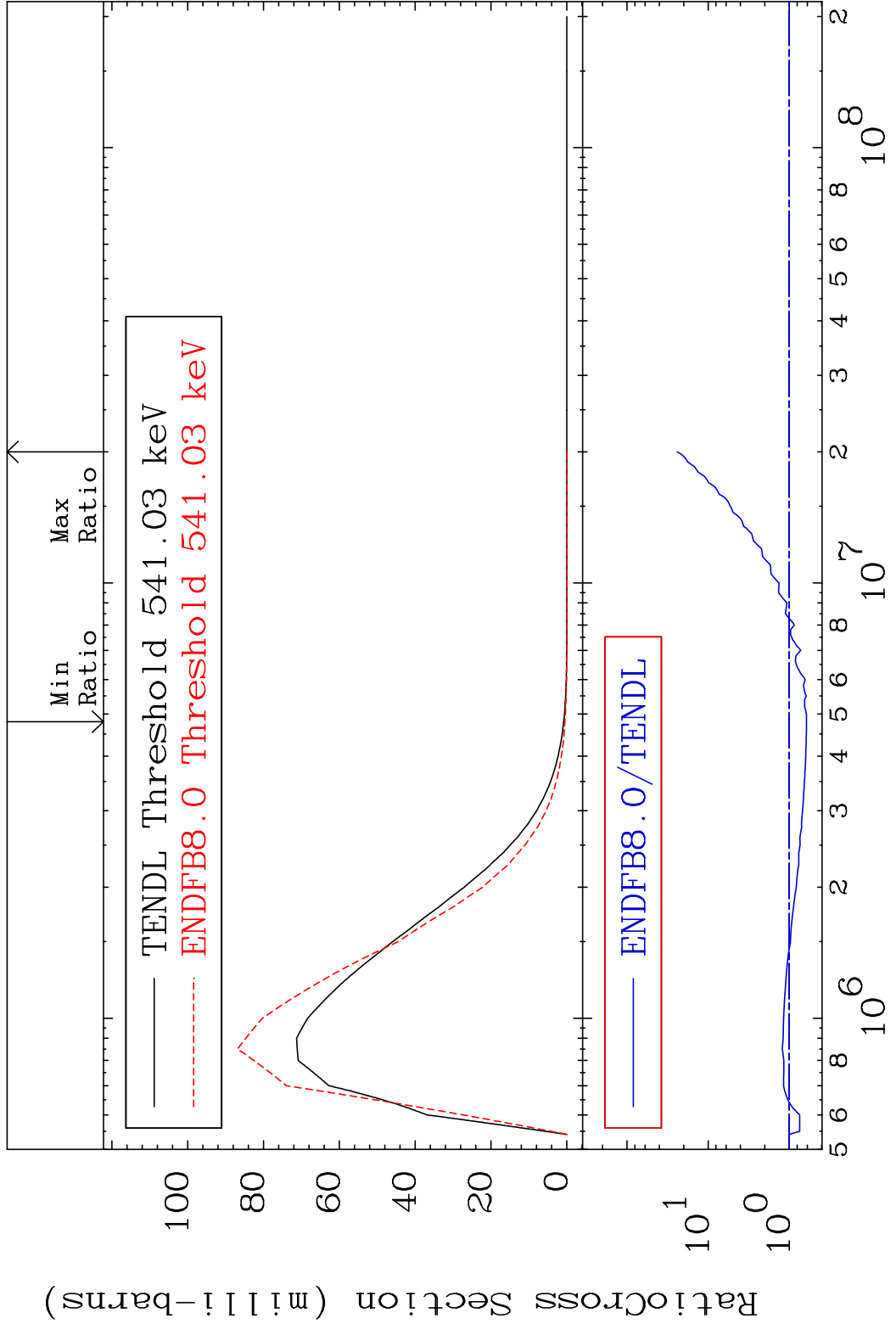
MAT 5229 MT= 67 (n, n') Level 52-Te-121m
 Cross Section -87.60 To 1799. %



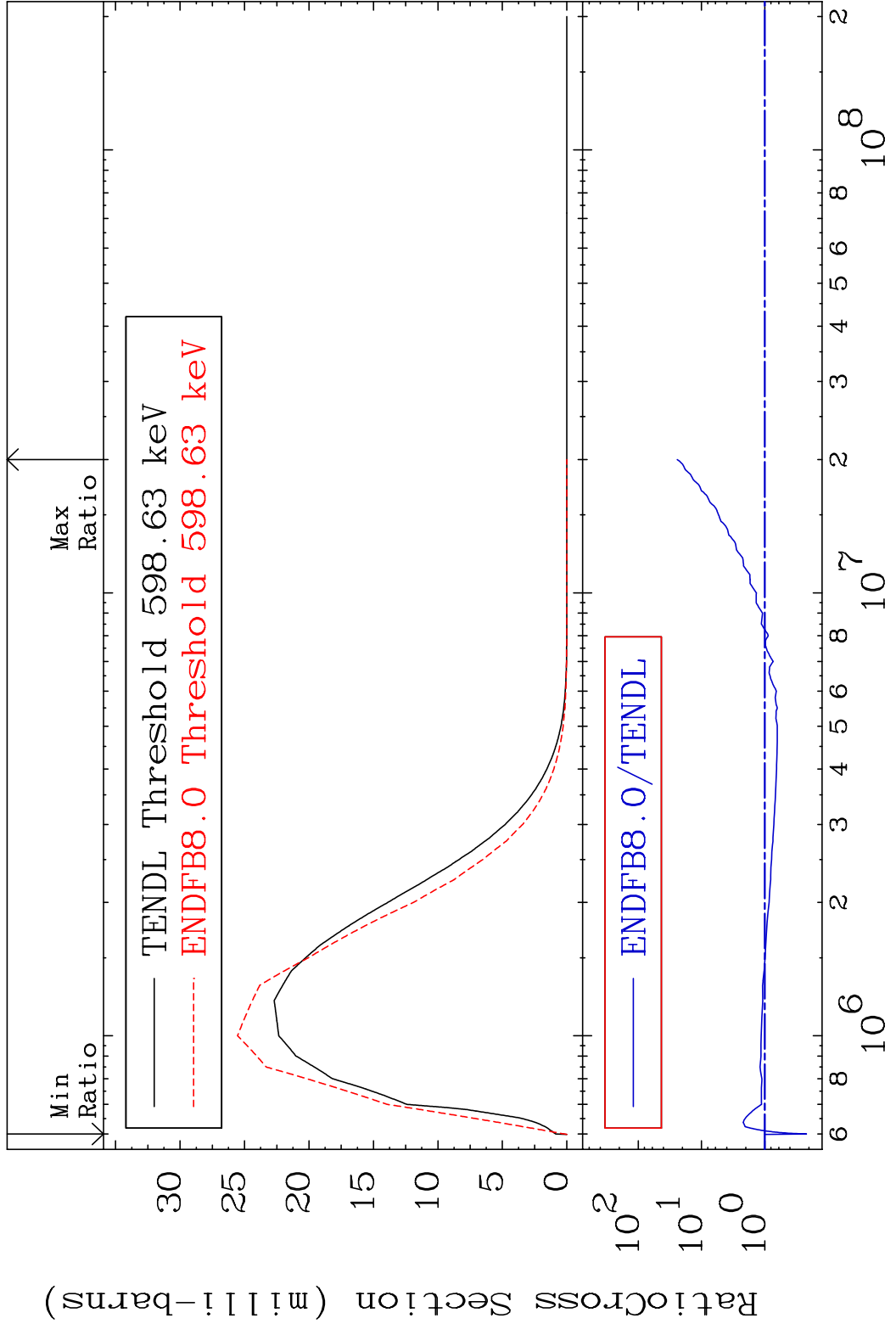
MAT 5229 MT= 68 (n, n') Level 52-Te-121m
 Cross Section -35.31 To 2346. %



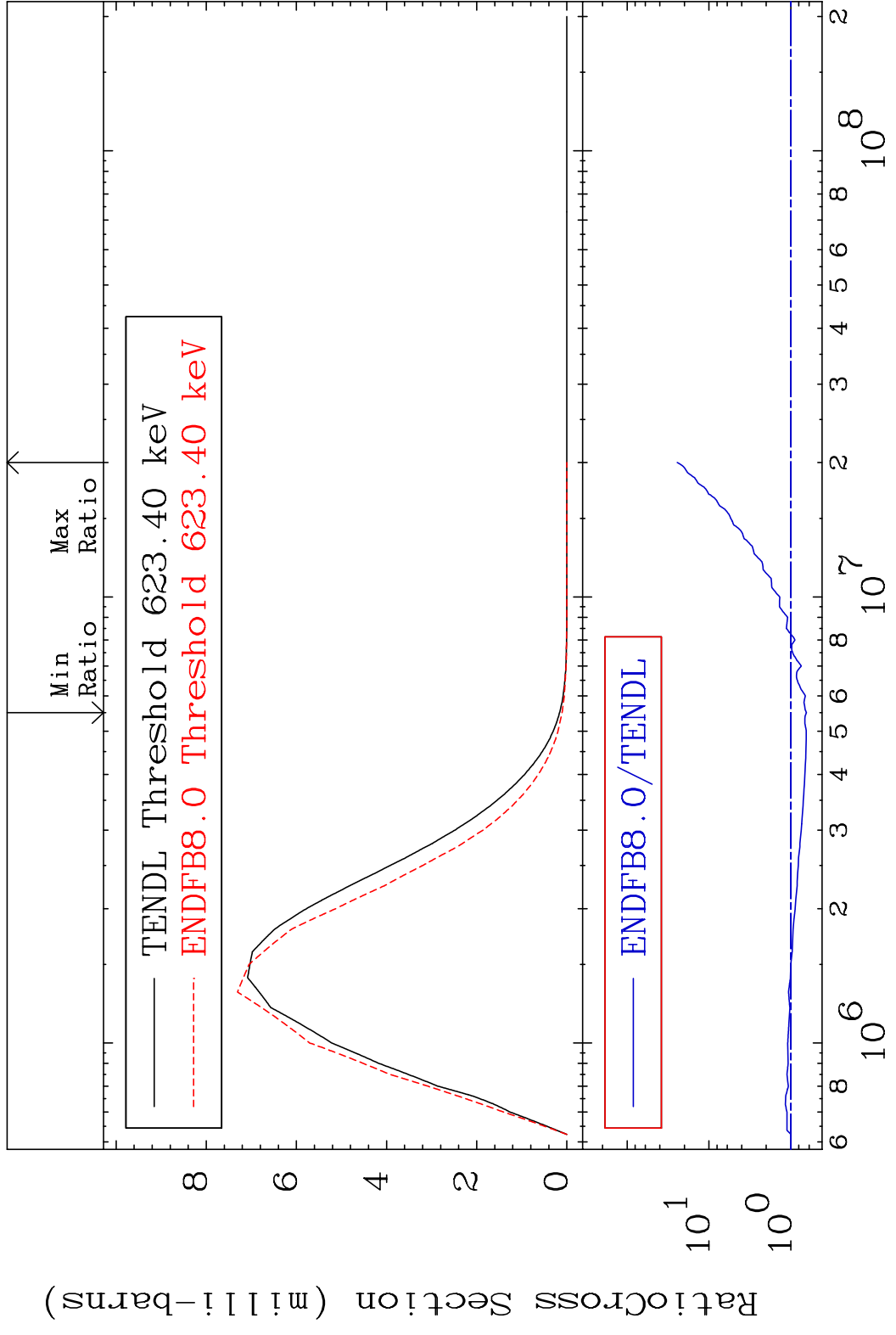
MAT 5229 MT= 69 (n, n') Level 52-Te-121m
 Cross Section -38.42 To 2308. %



MAT 5229 MT= 70 (n, n') Level 52-Te-121m
 Cross Section -78.08 To 2329. %

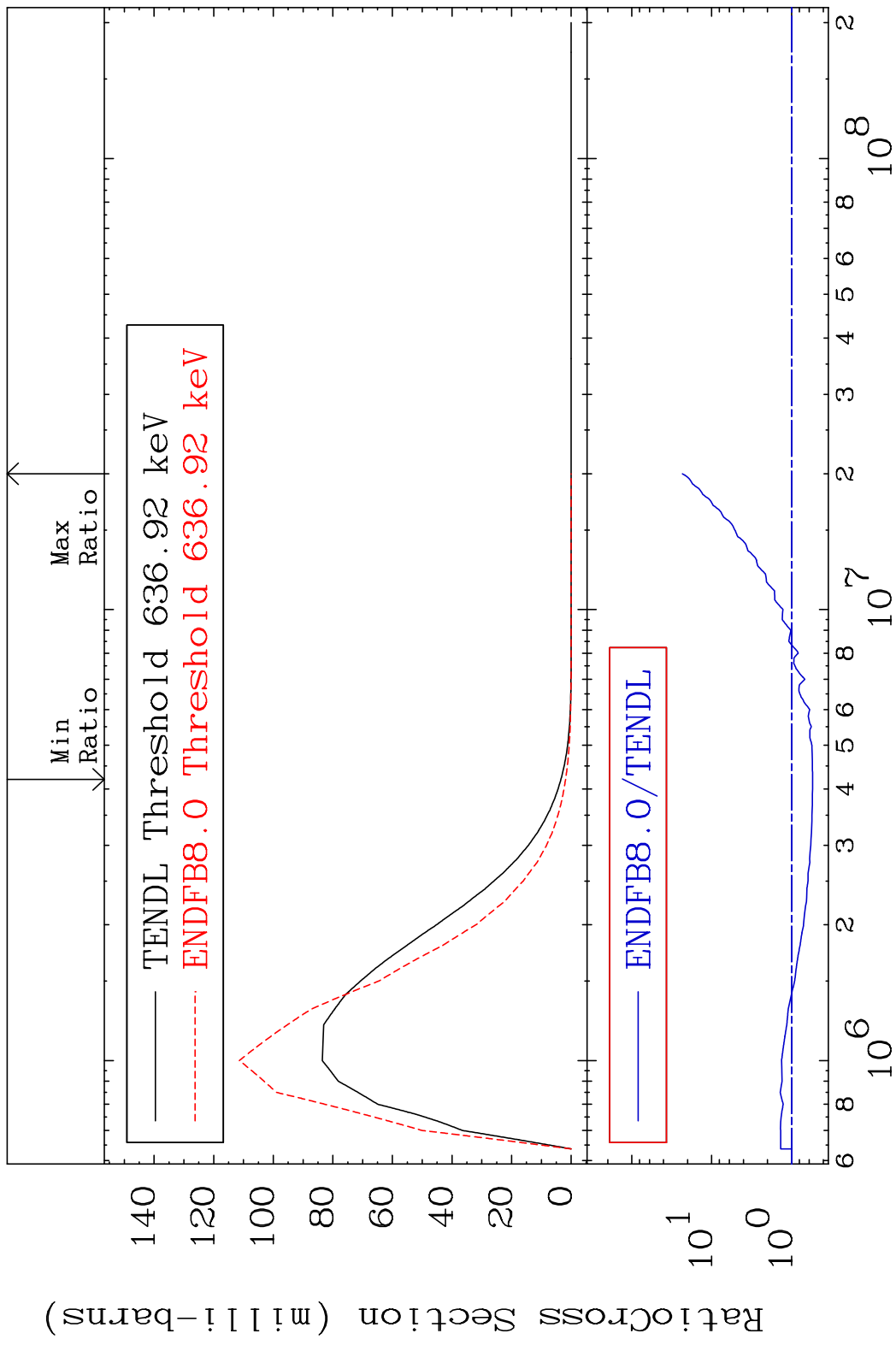


MAT 5229 MT= 71 (n, n') Level 52-Te-121m
 Cross Section -35.28 To 2347. %



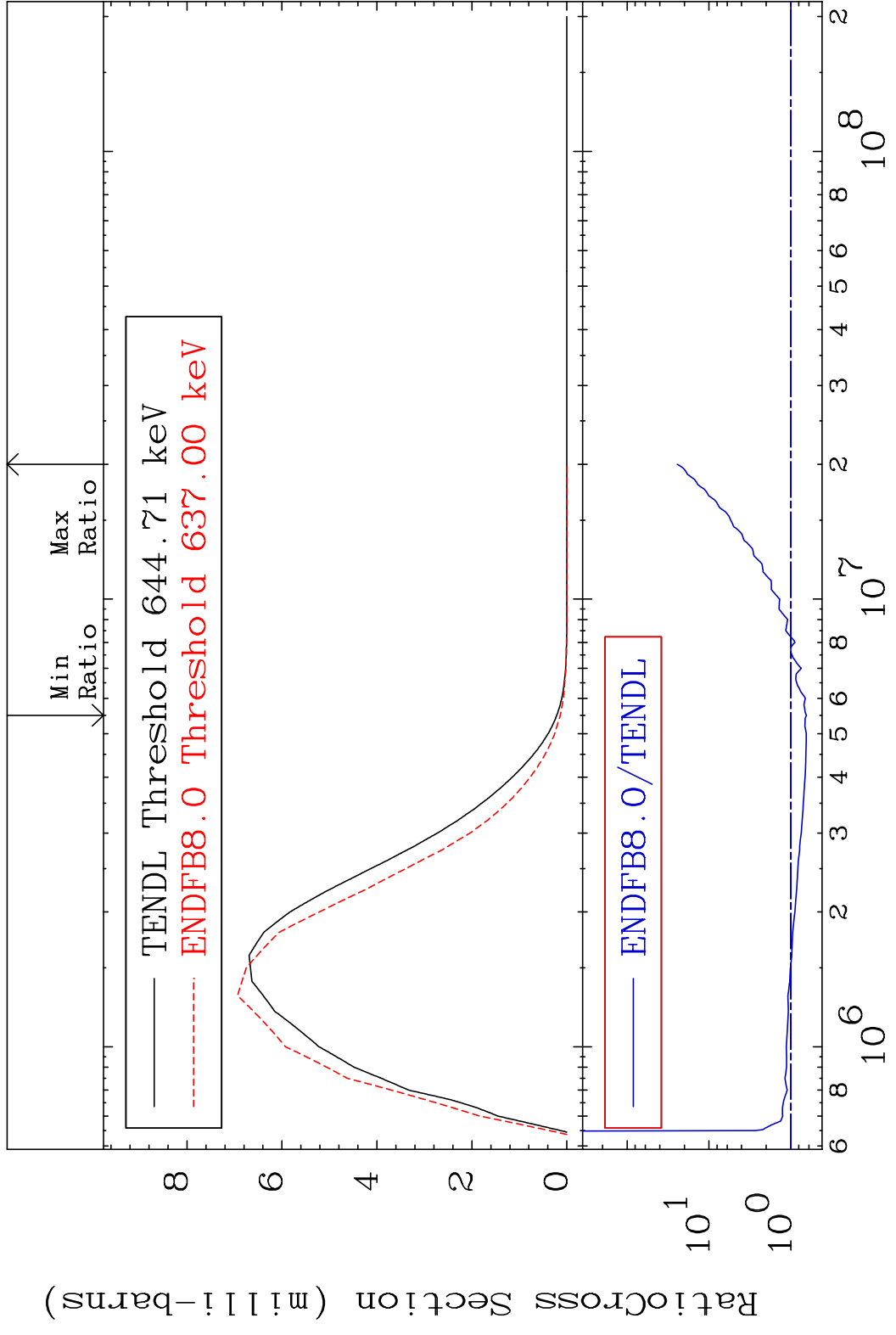
25 Incident Energy (eV) 52-Te-121m

MAT 5229 MT= 72 (n, n') Level 52-Te-121m
 Cross Section -45.45 To 2226. %



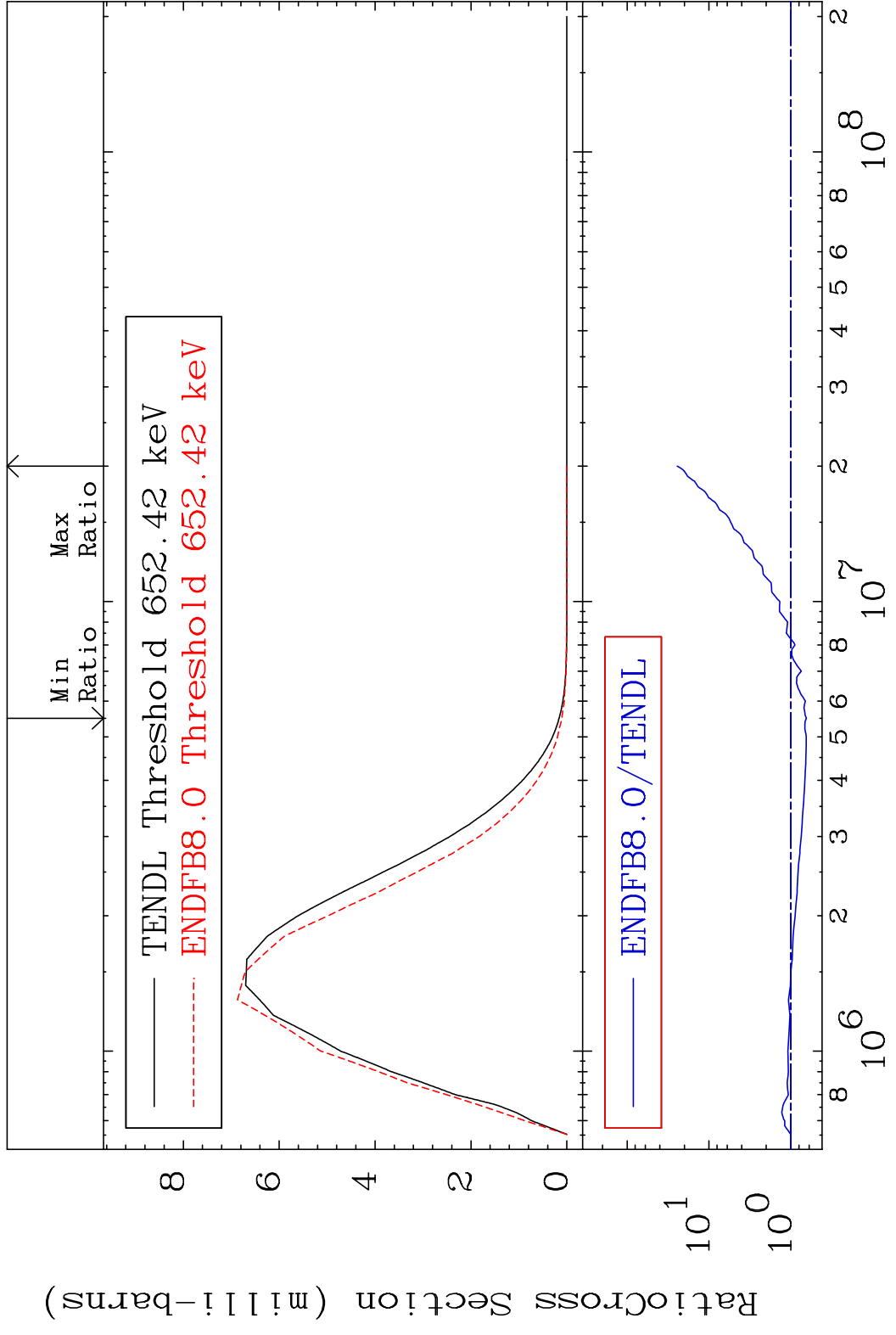
26 Incident Energy (eV) 52-Te-121m

MAT 5229 MT= 73 (n, n') Level 52-Te-121m
 Cross Section -35.40 To 2348. %

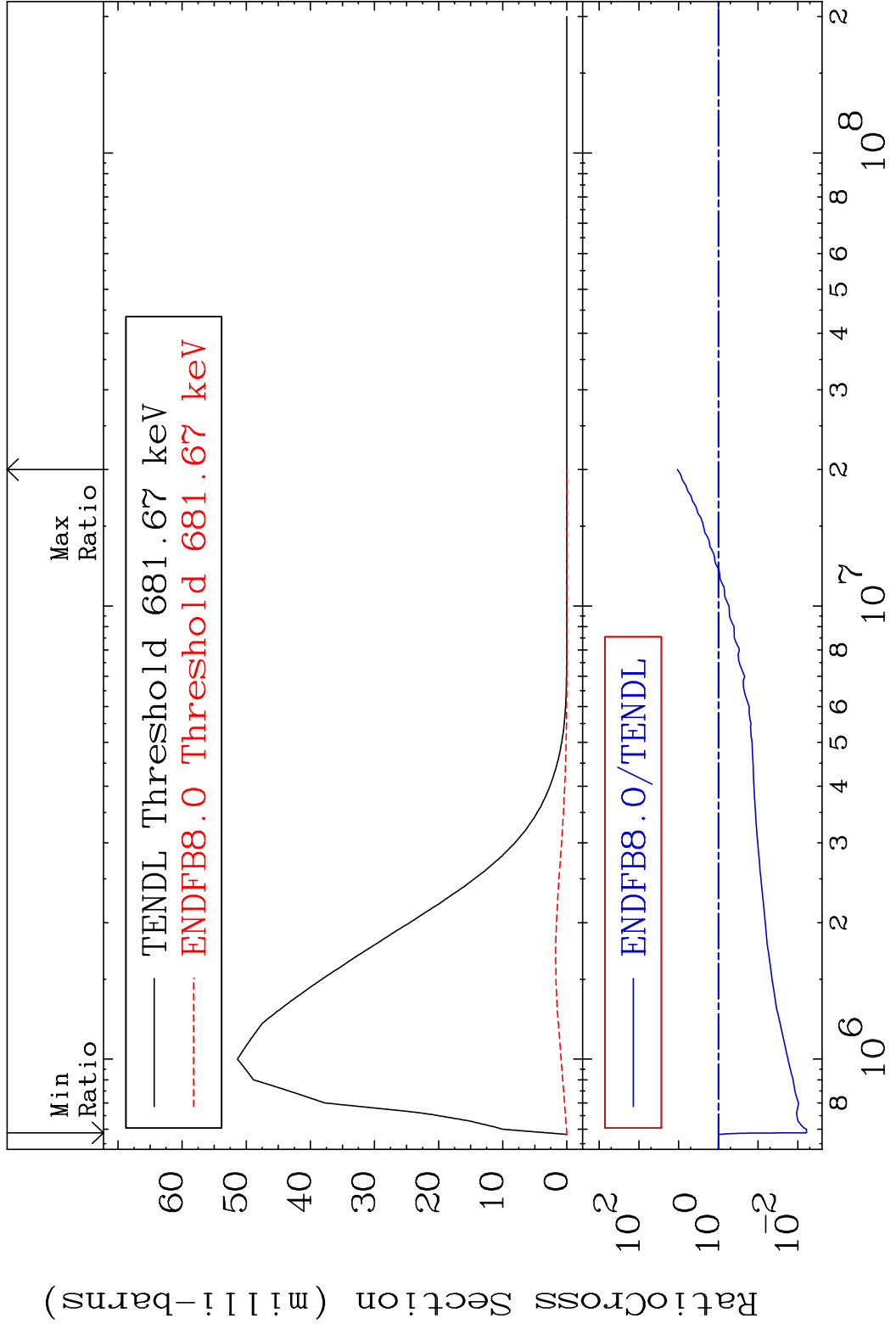


27 Incident Energy (eV) 52-Te-121m

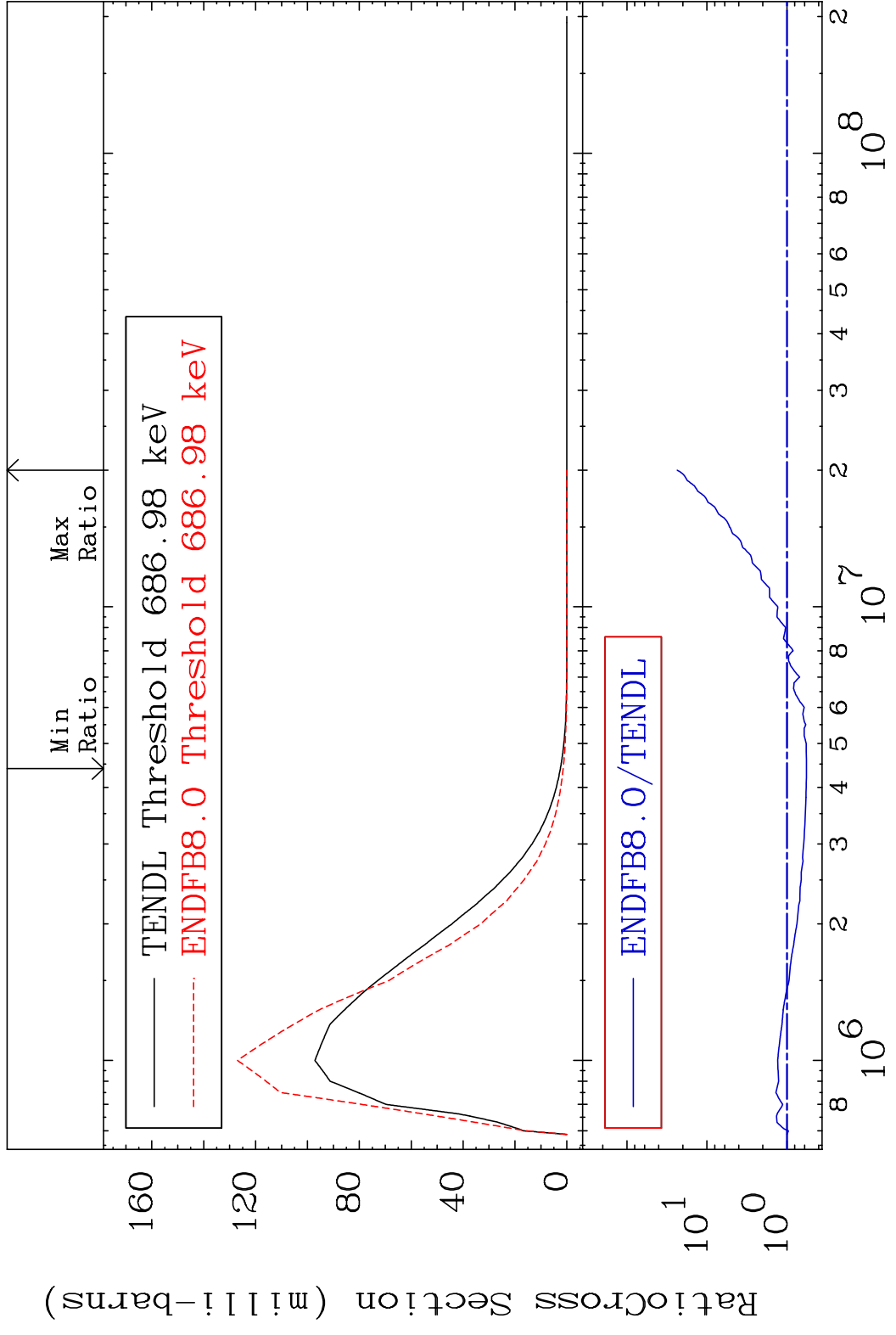
MAT 5229 MT= 74 (n, n') Level 52-Te-121m
 Cross Section -35.26 To 2347. %



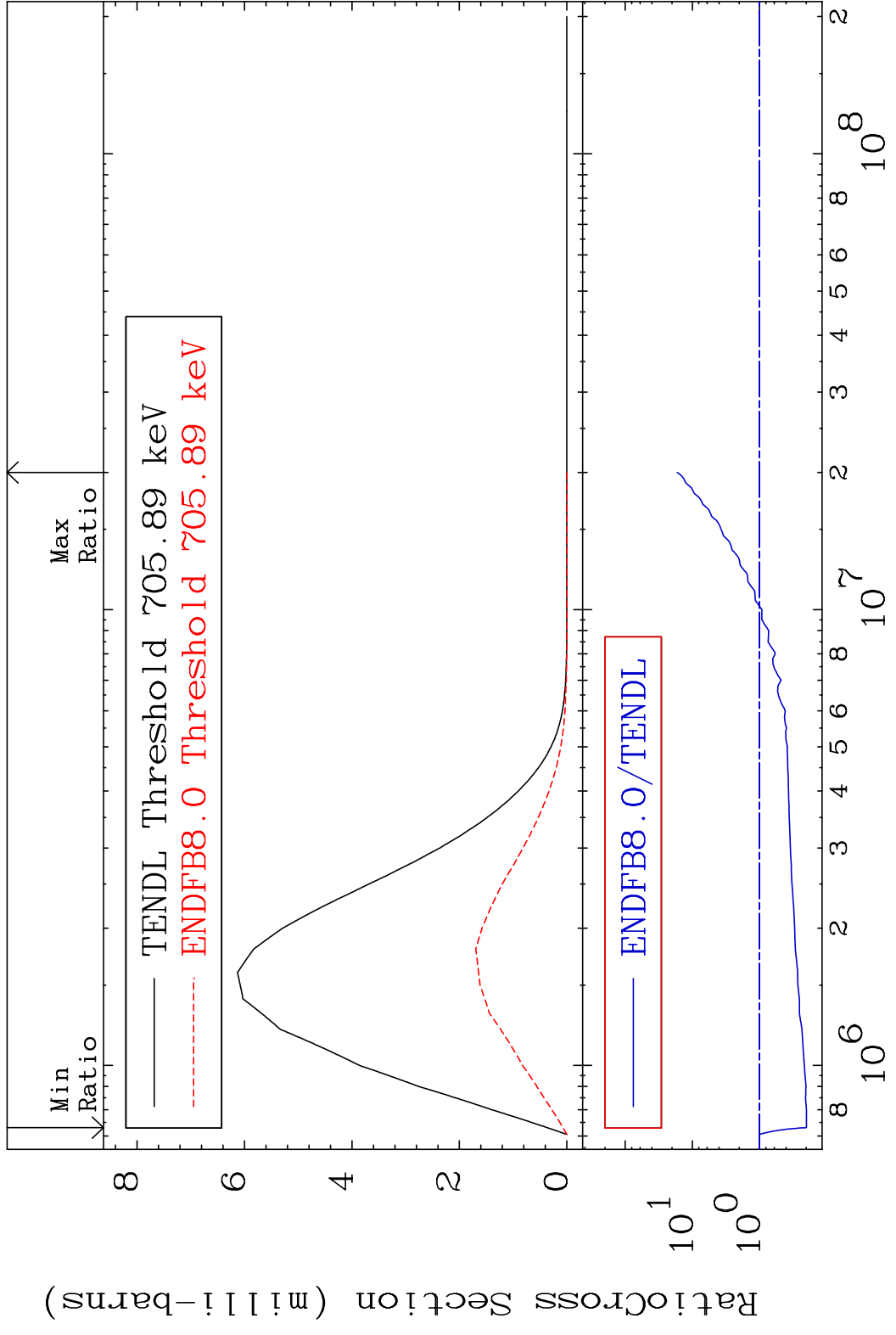
MAT 5229 MT= 75 (n, n') Level 52-Te-121m
 Cross Section -99.39 To 987.8 %



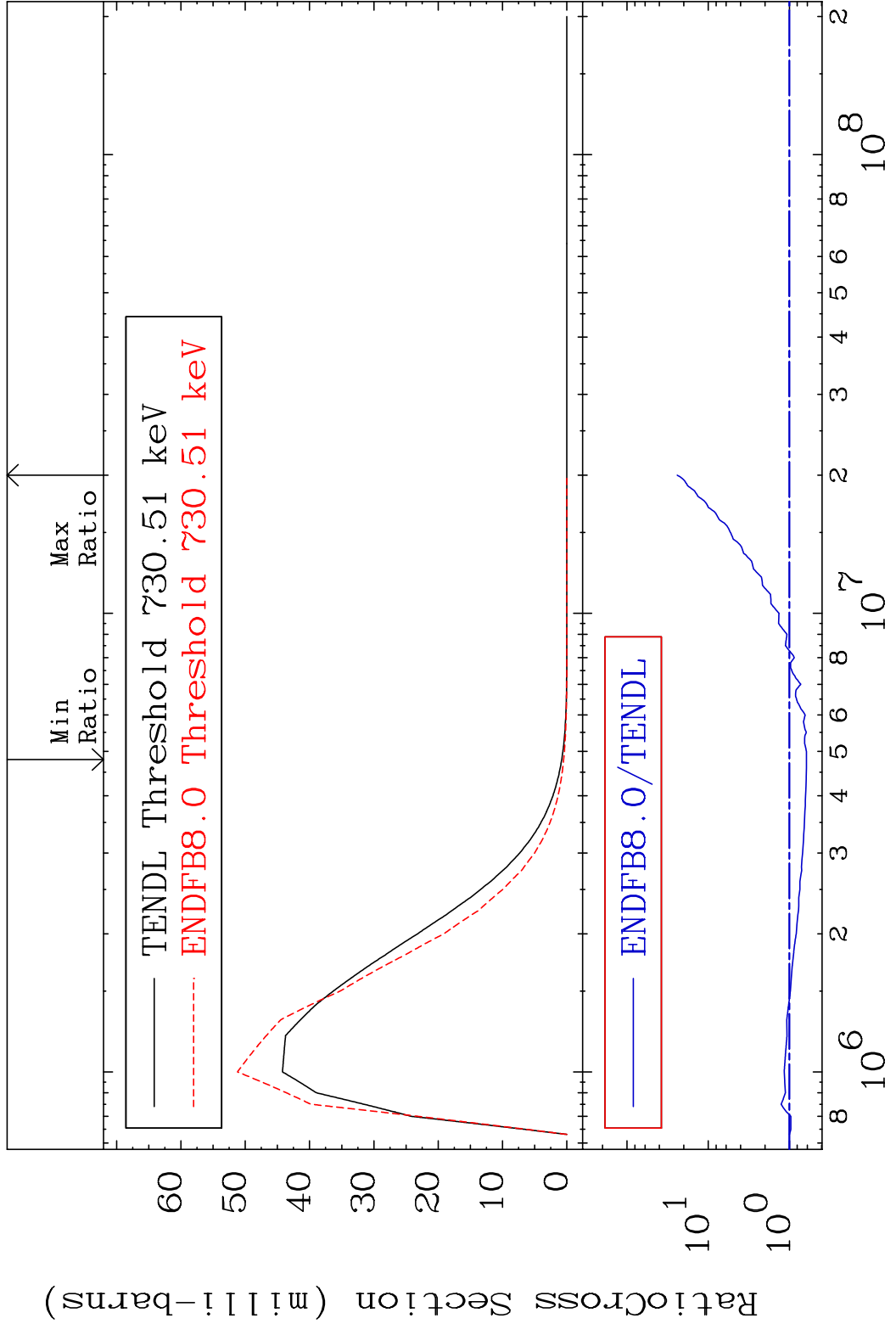
MAT 5229 MT= 76 (n, n') Level 52-Te-121m
 Cross Section -42.89 To 2254. %



MAT 5229 MT= 77 (n, n') Level 52-Te-121m
 Cross Section -80.10 To 1581. %



MAT 5229 MT= 78 (n, n') Level 52-Te-121m
 Cross Section -38.32 To 2309. %

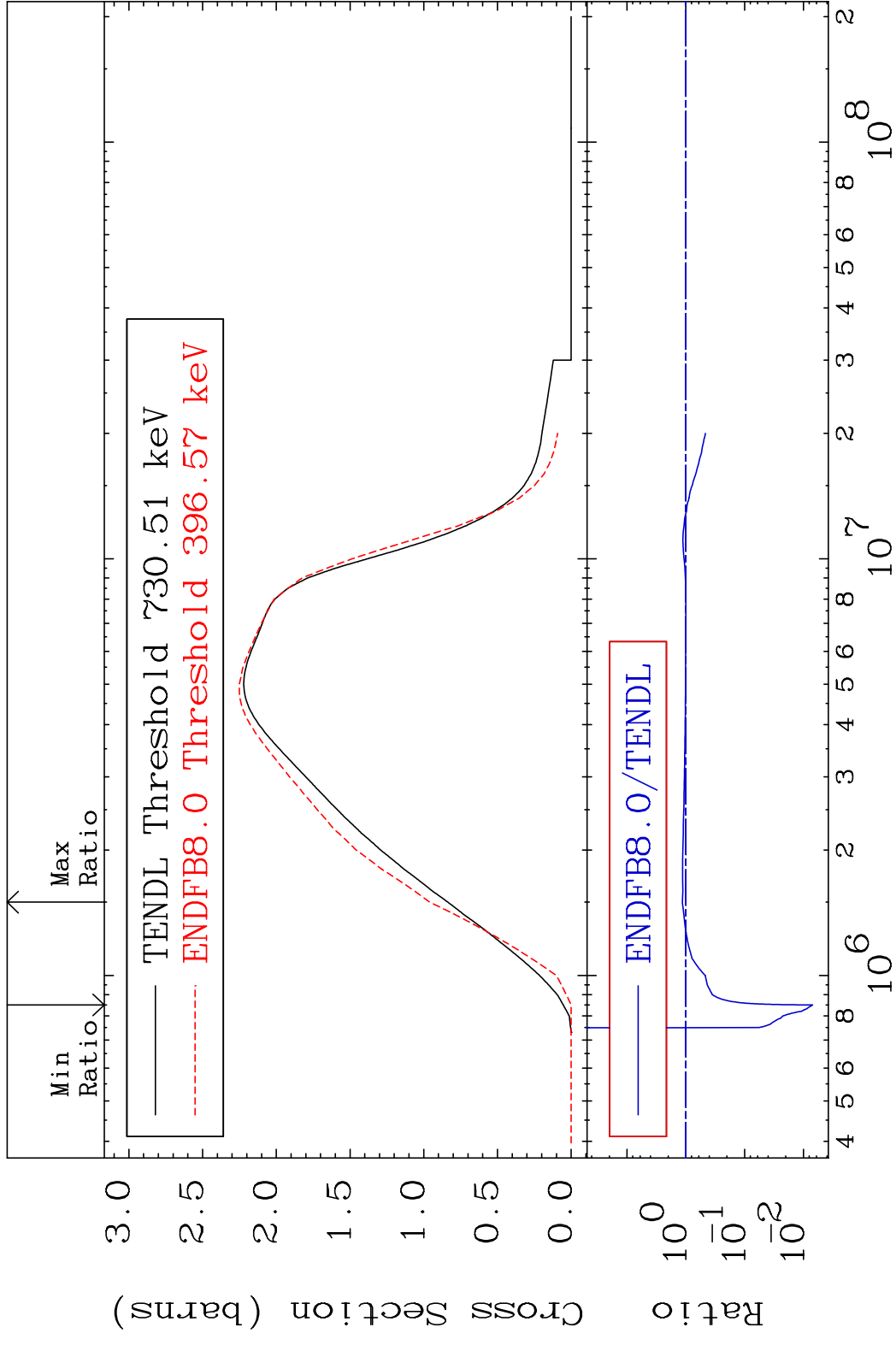


MAT 5229

(n, n') Continuum

52-Te-121m

Cross Section -99.30 To 14.69 %

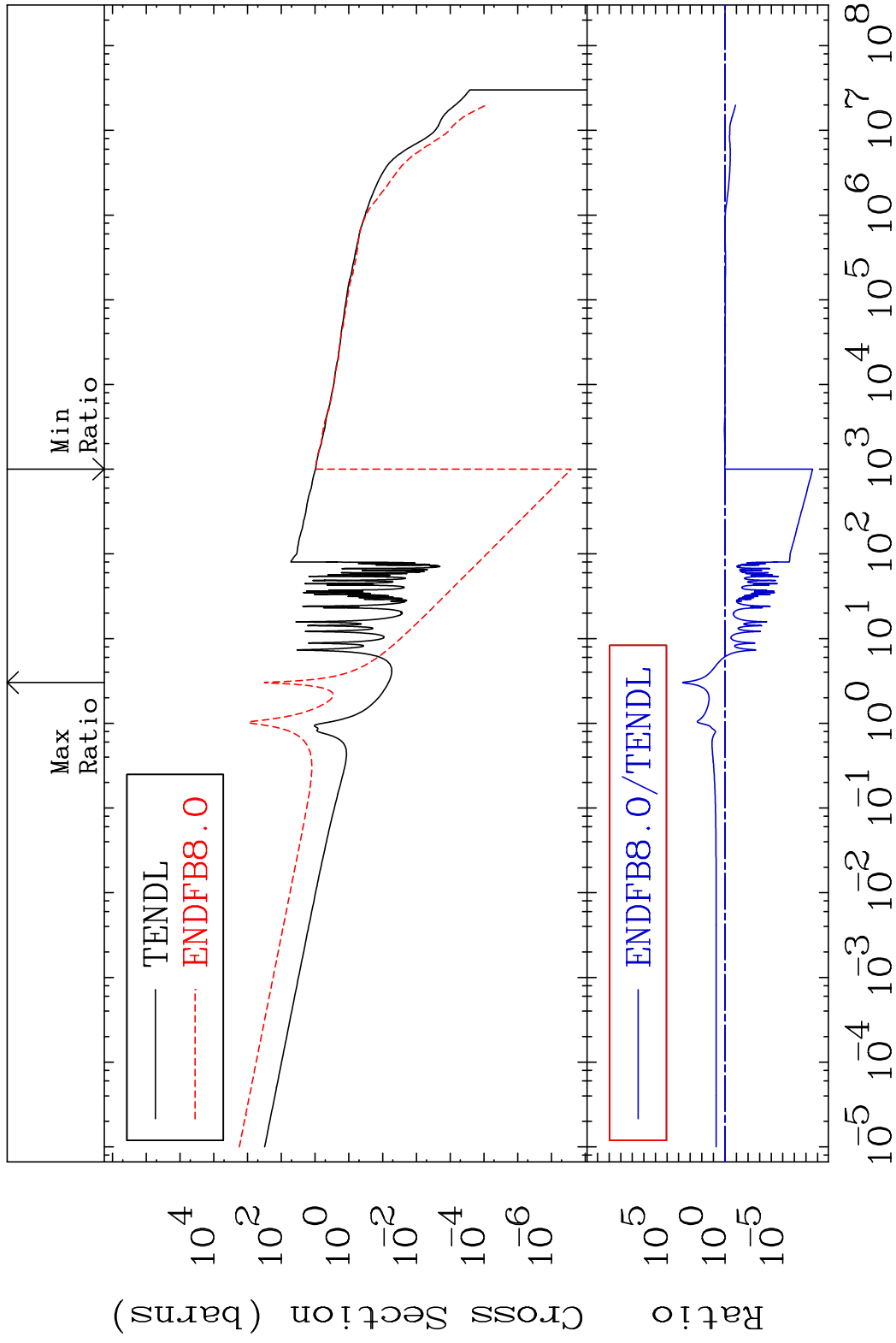


MAT 5229

(n, γ)

52-Te-121m

Cross Section -100.0 To 9999. %

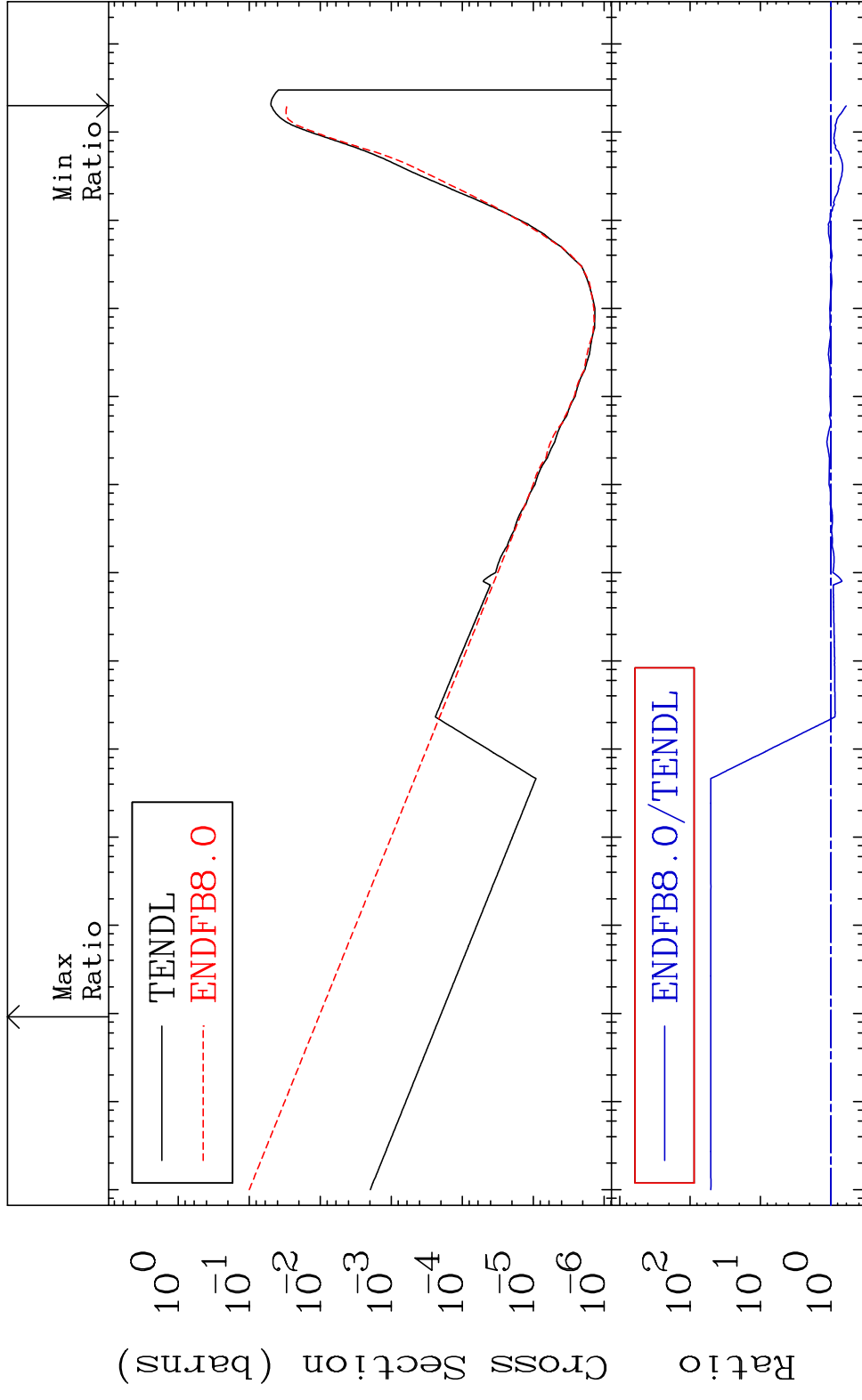


34

Incident Energy (eV)

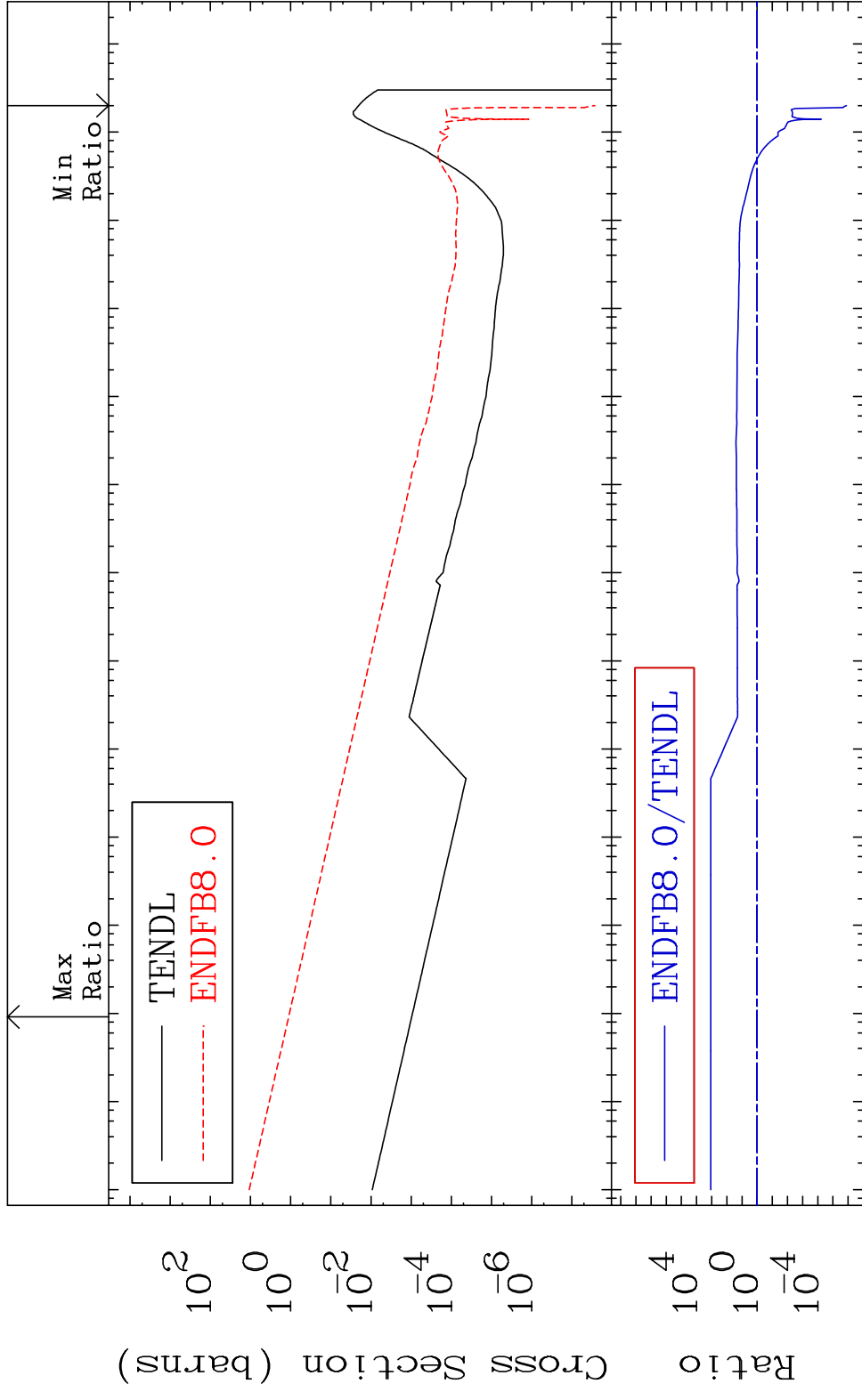
52-Te-121m

MAT 5229 (n,p) 52-Te-121m
 Cross Section -39.73 To 5001. %

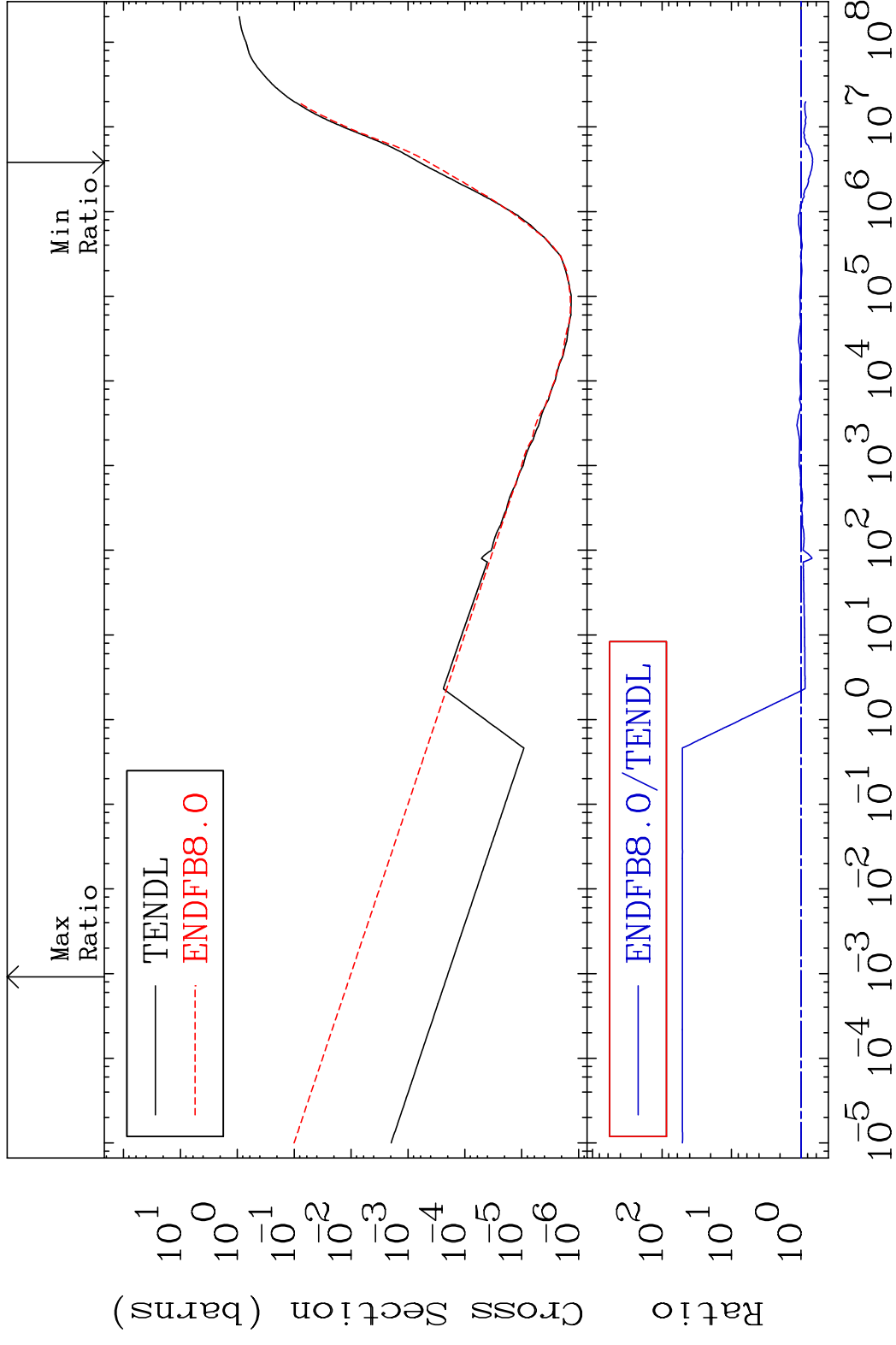


Ratio
 Cross Section (barns)
 Incident Energy (eV) 52-Te-121m

MAT 5229 (n, α) 52-Te-121m
 Cross Section -100.0 To 9999. %



MAT 5229 Hydrogen Production 52-Te-121m
 Cross Section -32.00 To 5001. %

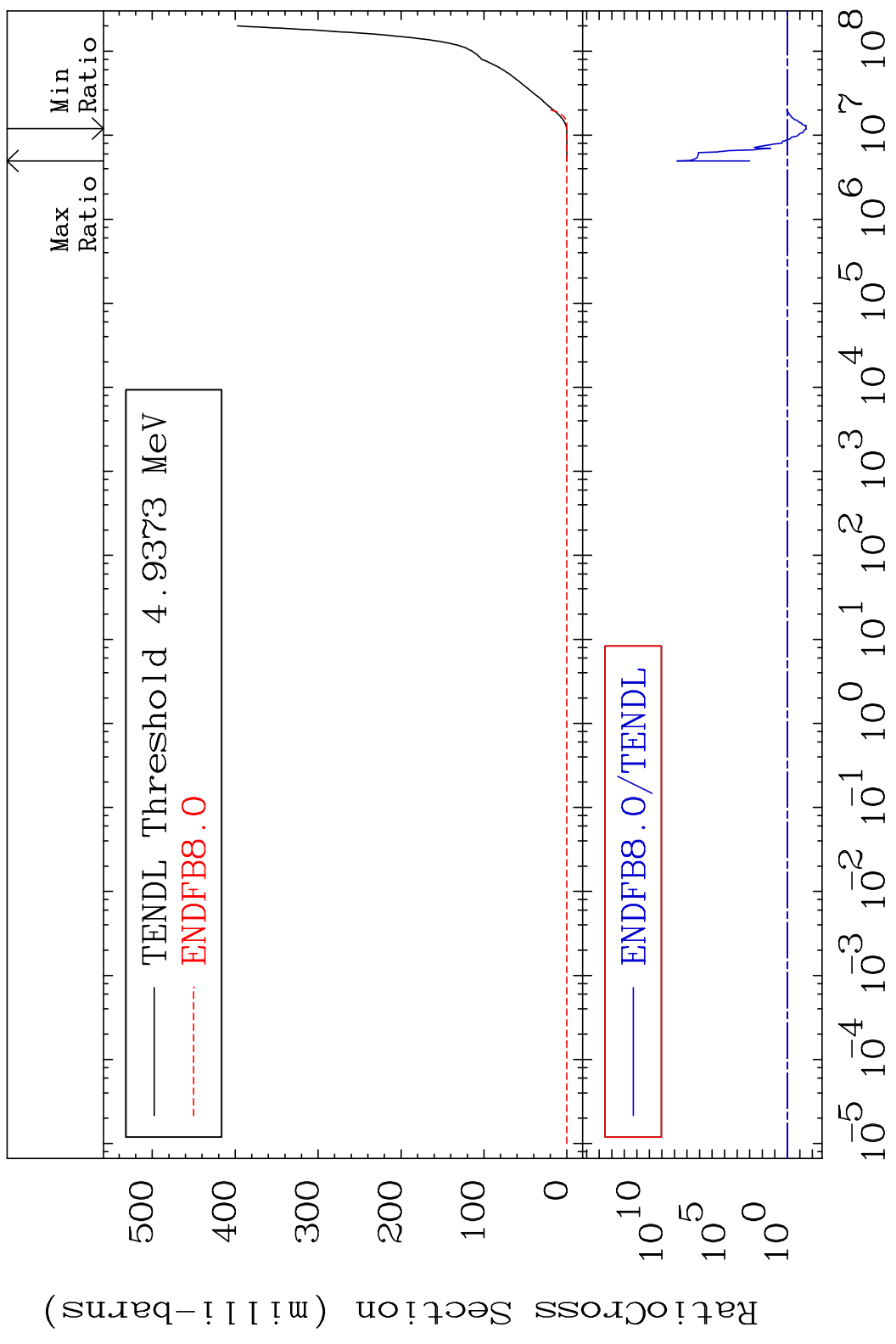


MAT 5229

Deuterium Production

52-Te-121m

Cross Section -96.97 To 9999. %



38

Incident Energy (eV)

52-Te-121m

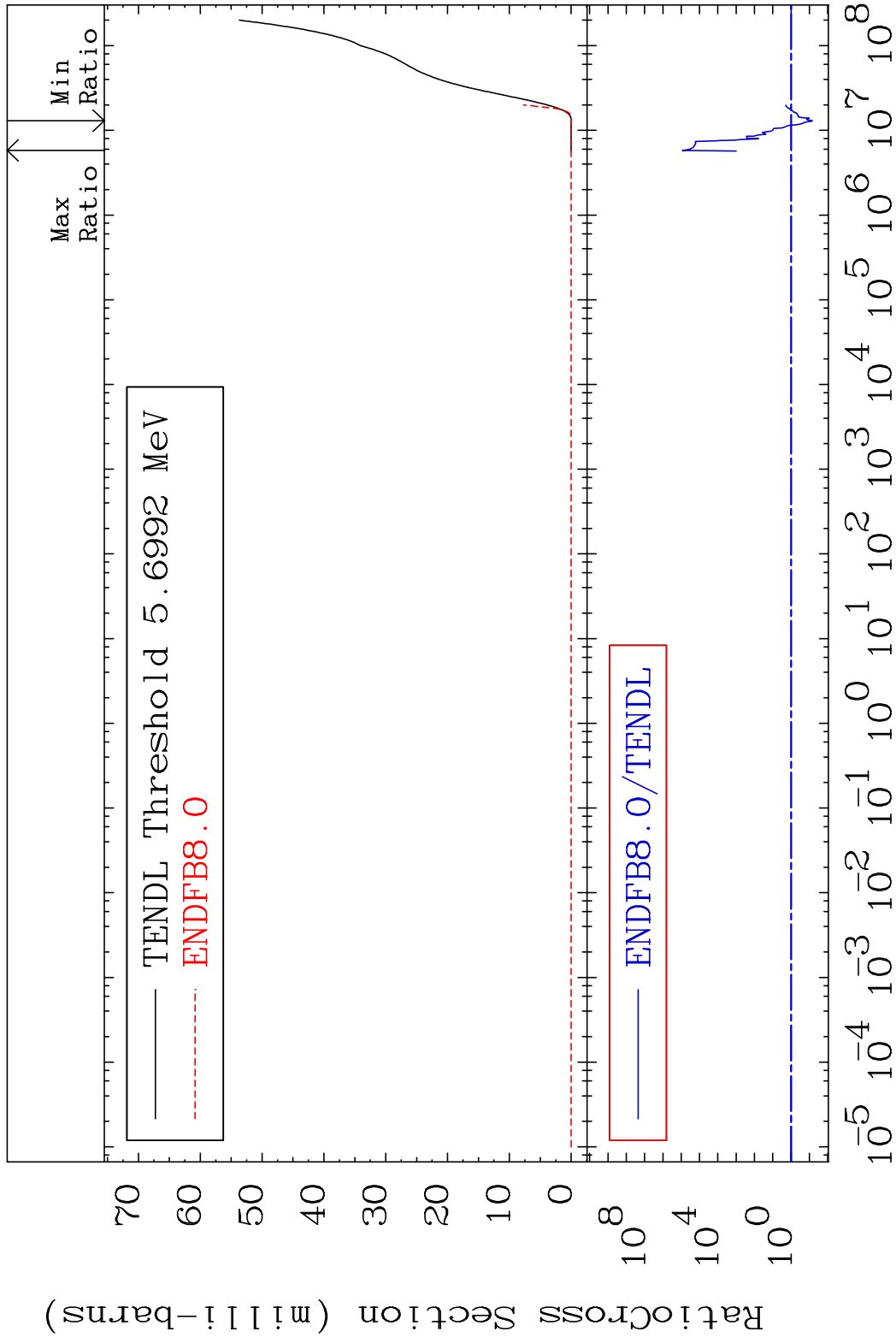
MAT 5229

Tritium Production

52-Te-121m

Cross Section

-93.28 To 9999. %



39

Incident Energy (eV)

52-Te-121m

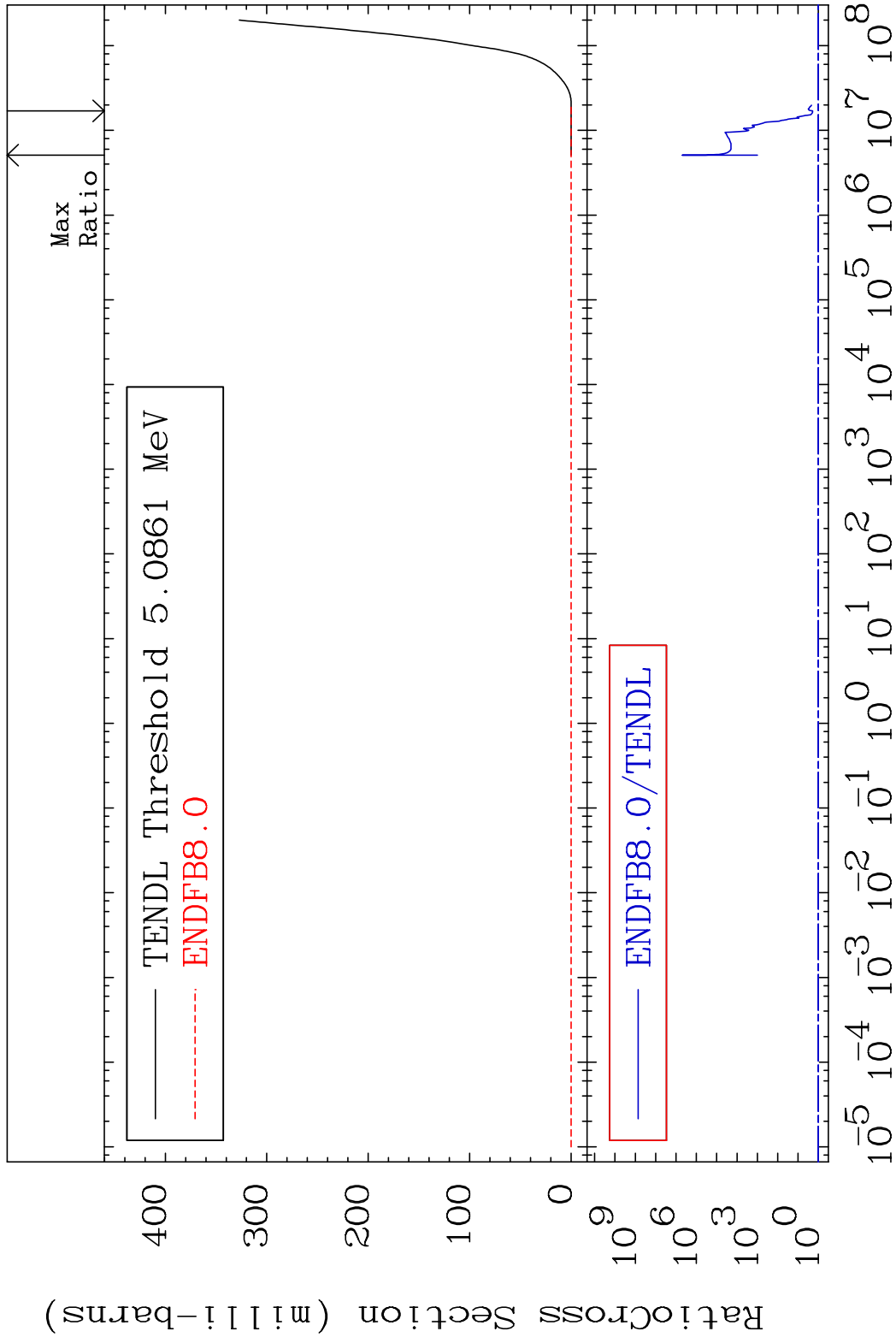
MAT 5229

He-3 Production

52-Te-121m

Cross Section 93.61

To 9999. %

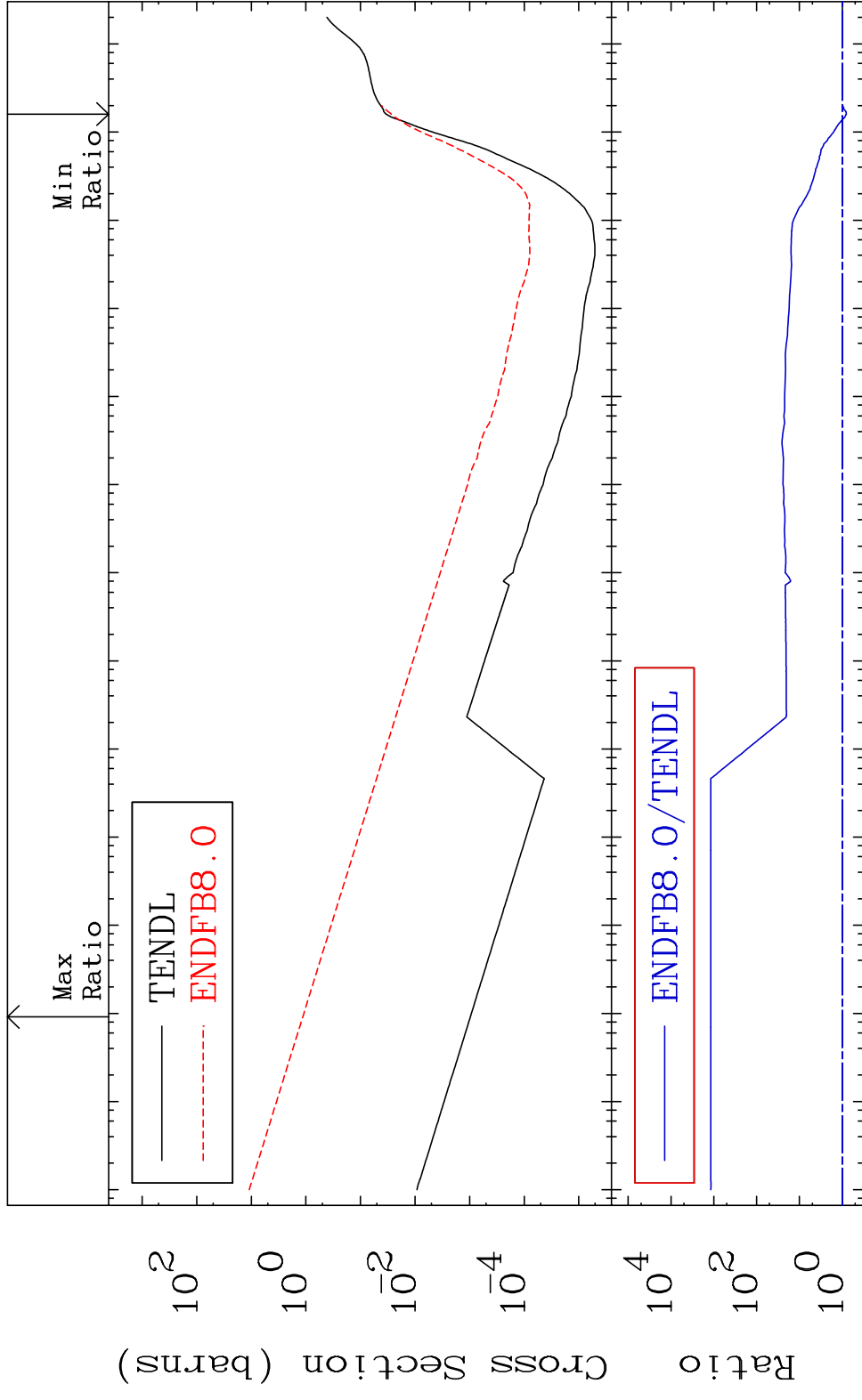


40

Incident Energy (eV)

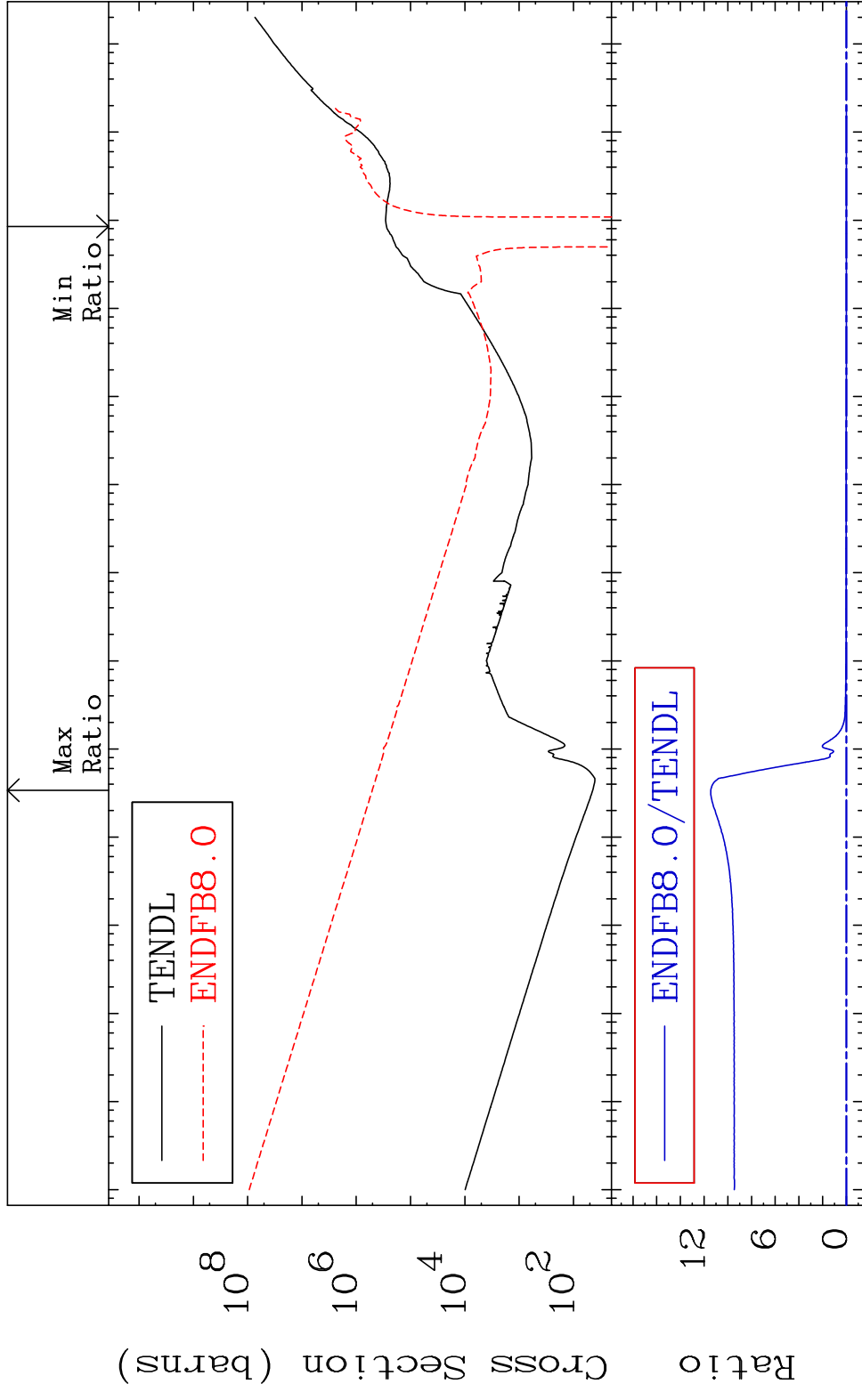
52-Te-121m

MAT 5229 He-4 Production 52-Te-121m
 Cross Section -19.68 To 9999. %



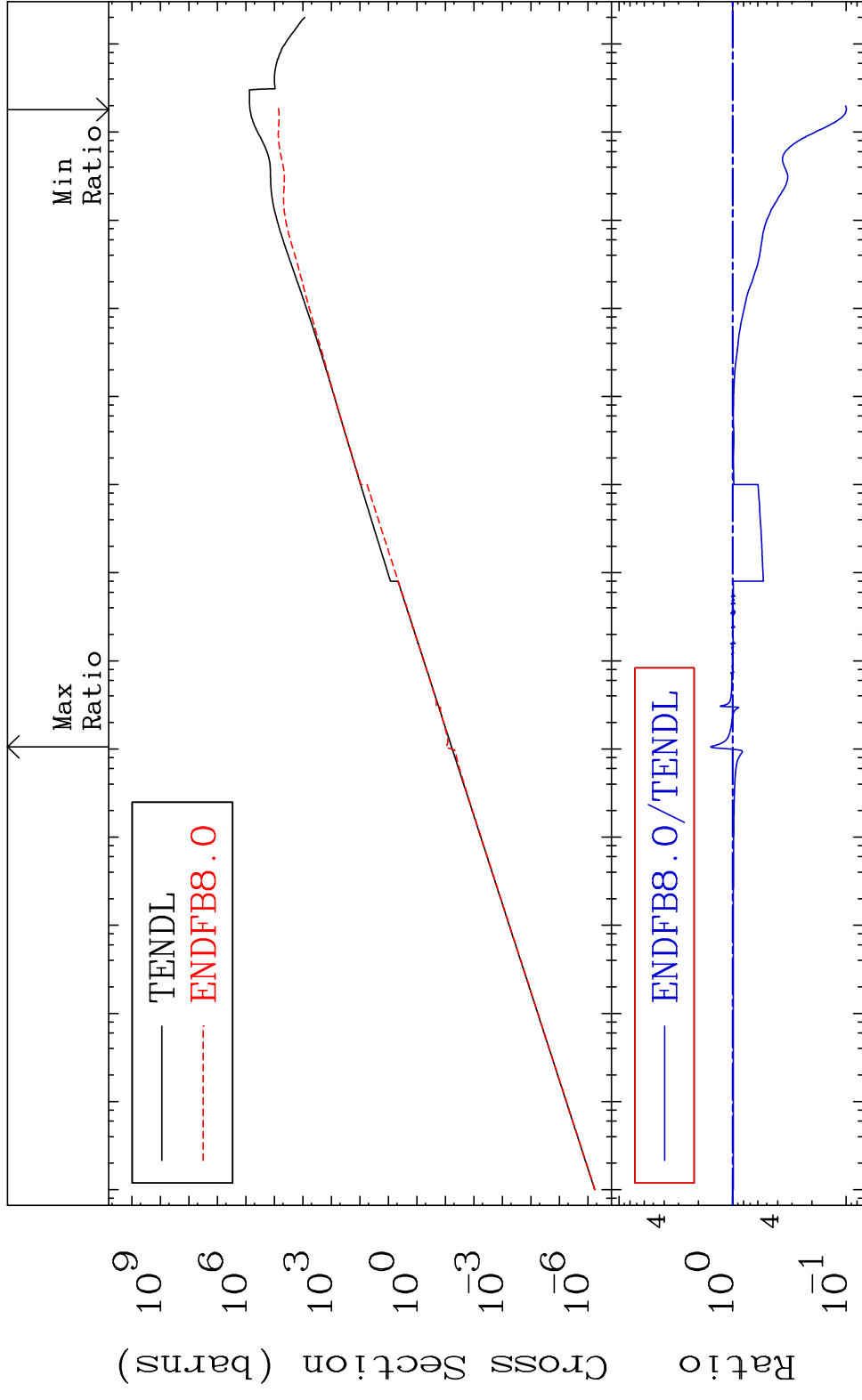
41 Incident Energy (eV) 52-Te-121m

MAT 5229 Kerma total (eV-barns) 52-Te-121m
 Cross Section -118.9 To 9999. %



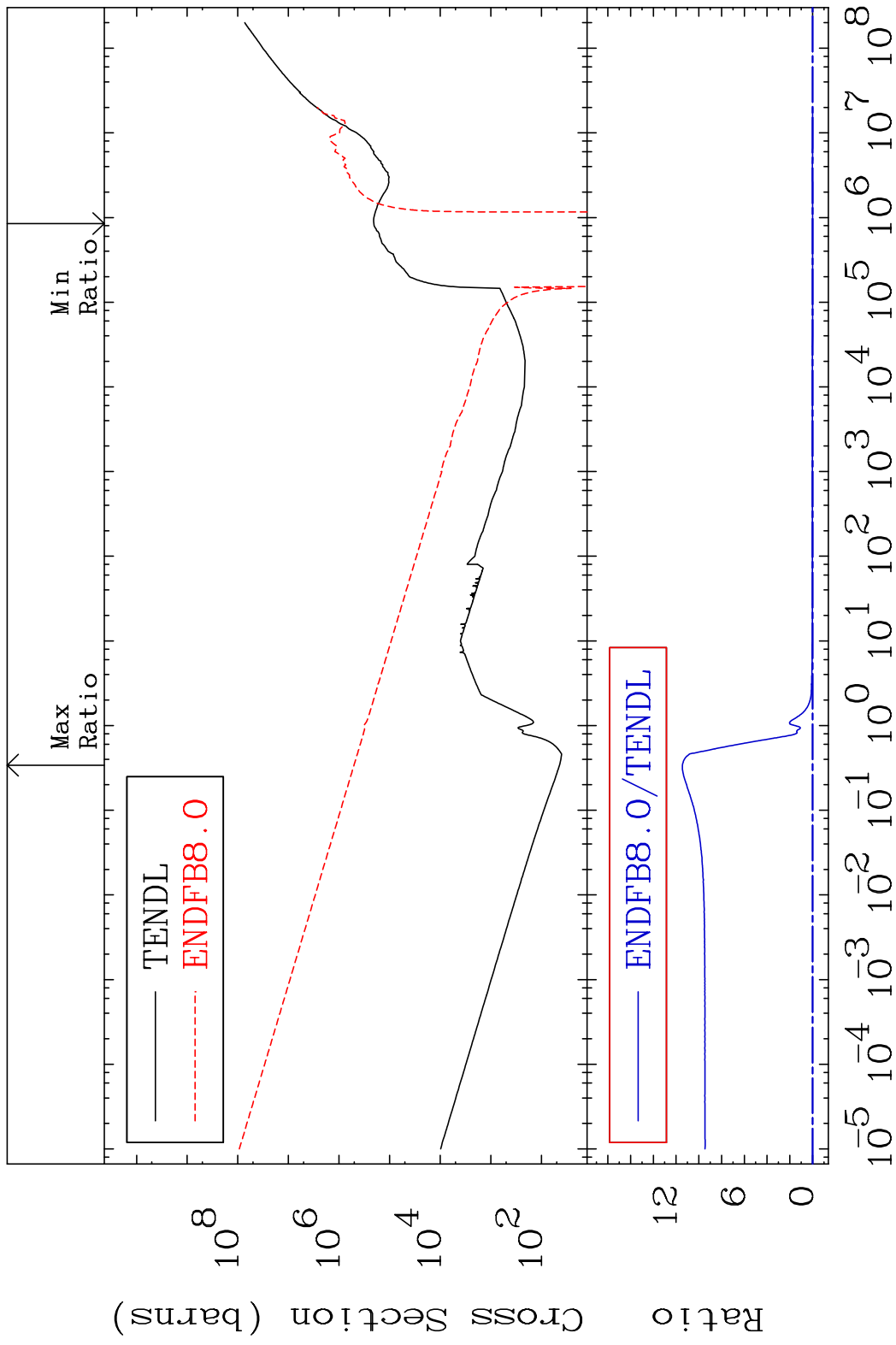
42 Incident Energy (eV) 52-Te-121m

MAT 5229 Kerma elastic 52-Te-121m
 Cross Section -90.05 To 55.82 %



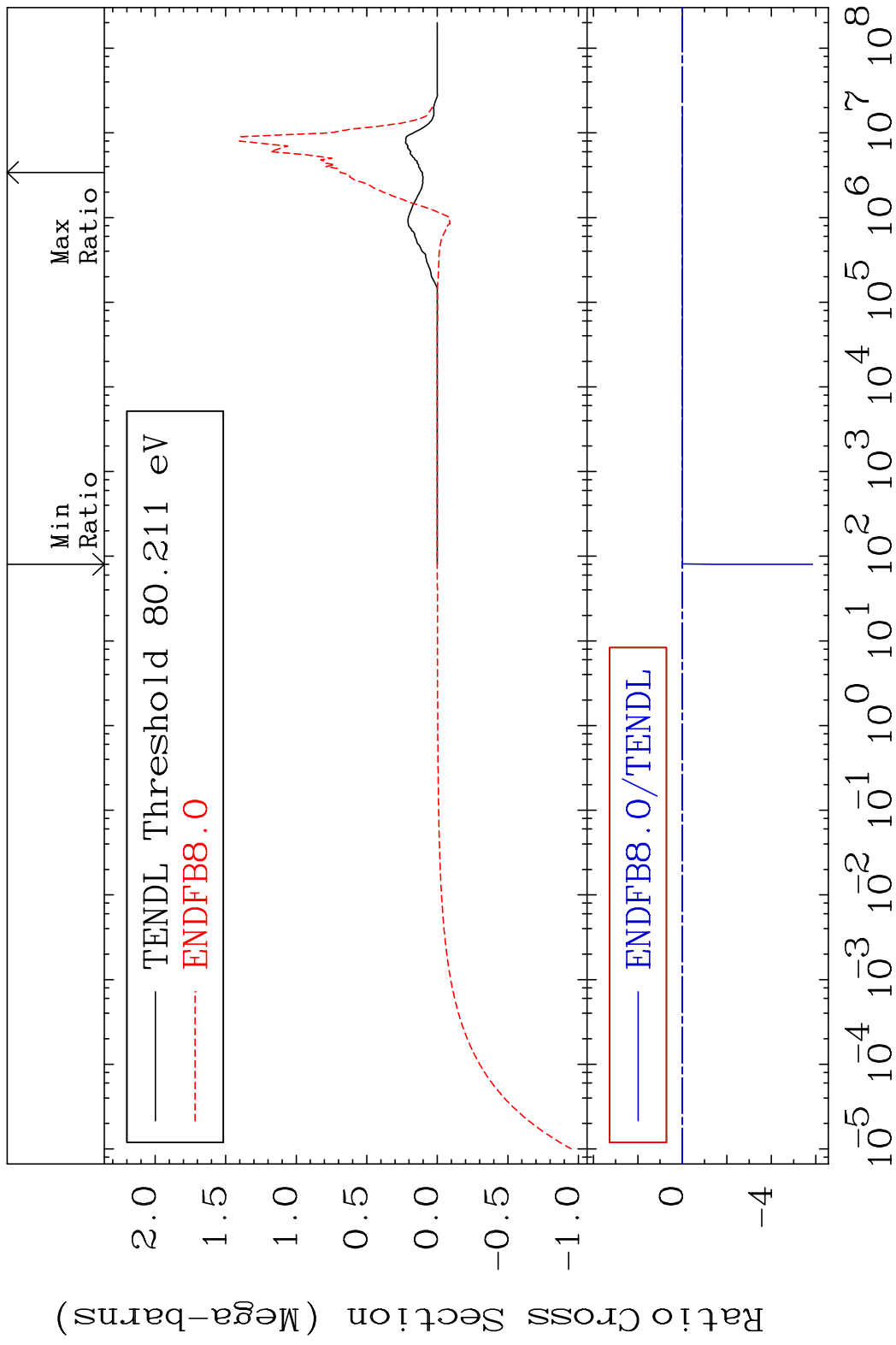
43 Incident Energy (eV) 52-Te-121m

MAT 5229 Kerma non-elastic (all but mt2) 52-Te-121m
 Cross Section -143.4 To 9999. %



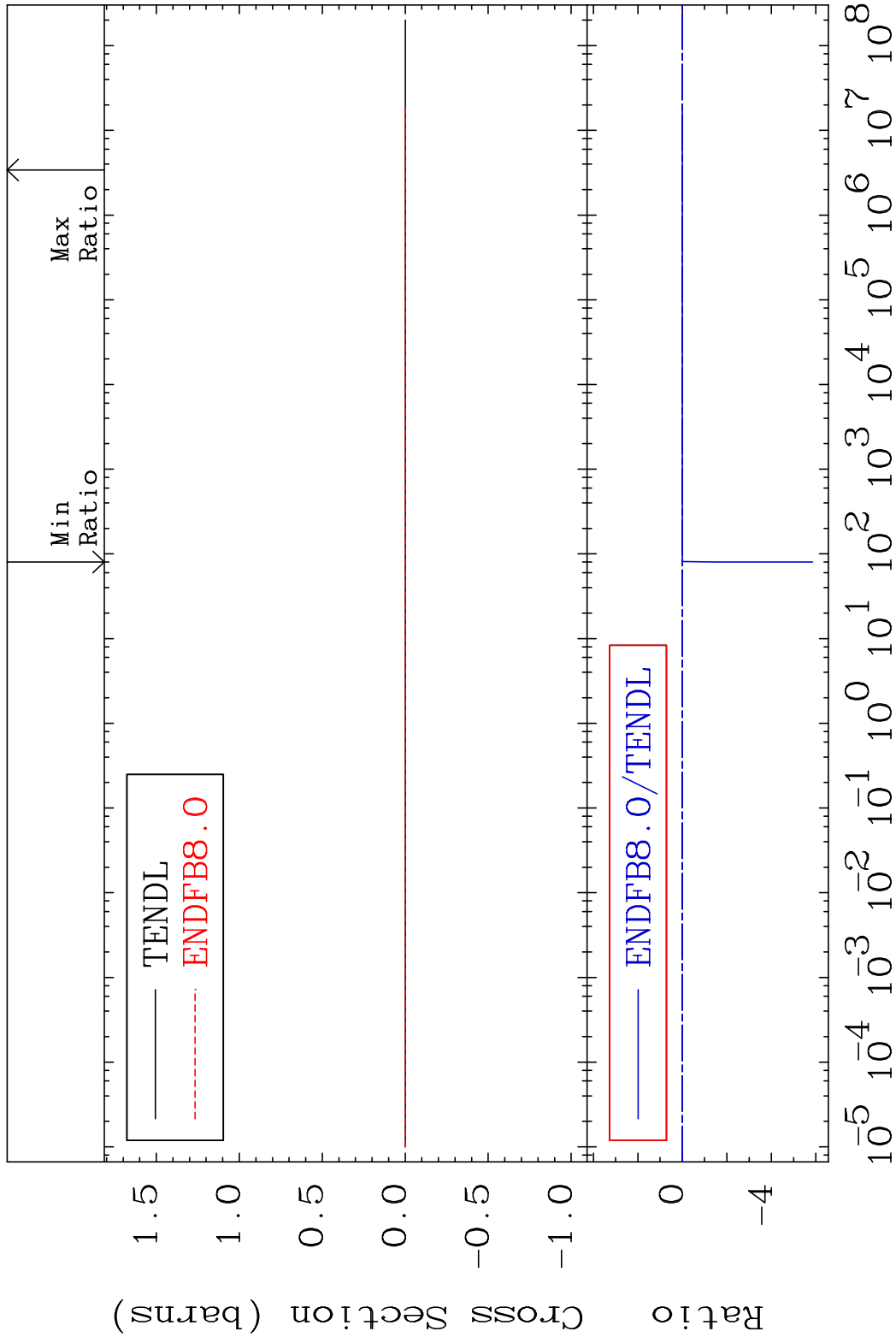
44 Incident Energy (eV) 52-Te-121m

MAT 5229 Kerma inelastic (mt51-91) 52-Te-121m
 Cross Section -9999. To 552.6 %

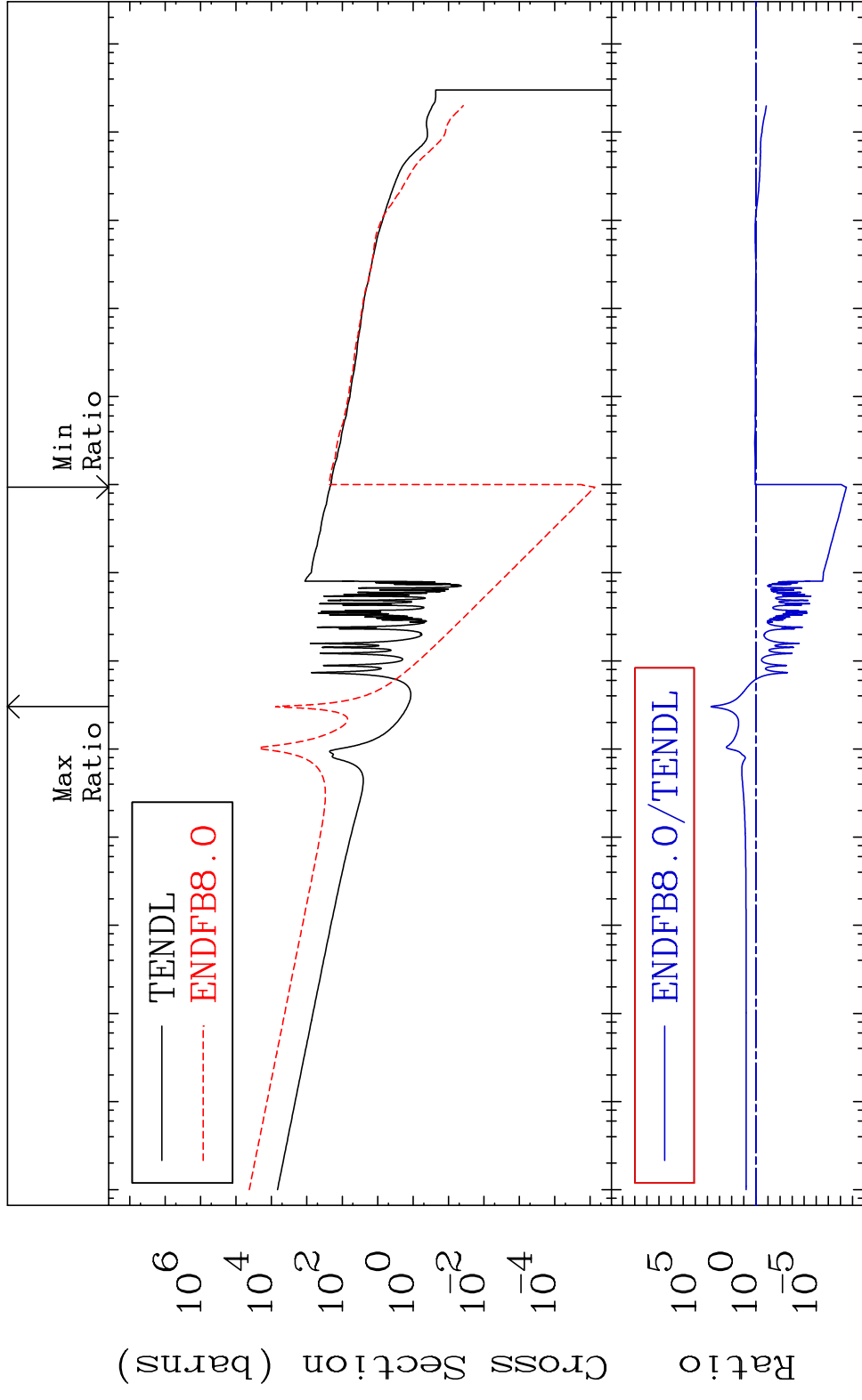


45 Incident Energy (eV) 52-Te-121m

MAT 5229 Kerma fission (mt18 or mt19-20-21-35) Te-121m
 Cross Section -9999. To 552.6 %

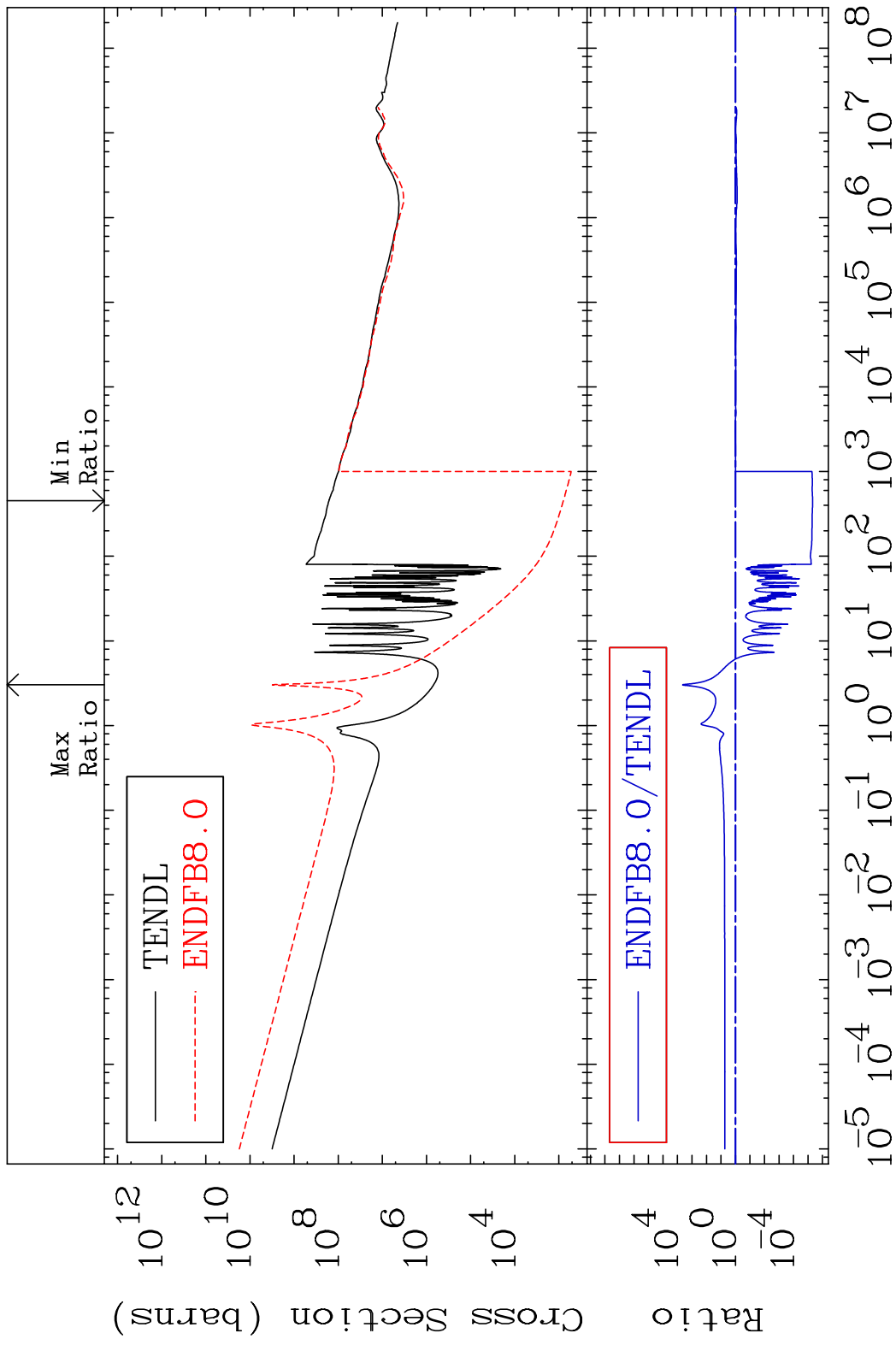


MAT 5229 Kerma capture (mt102) 52-Te-121m
 Cross Section -100.0 To 9999. %

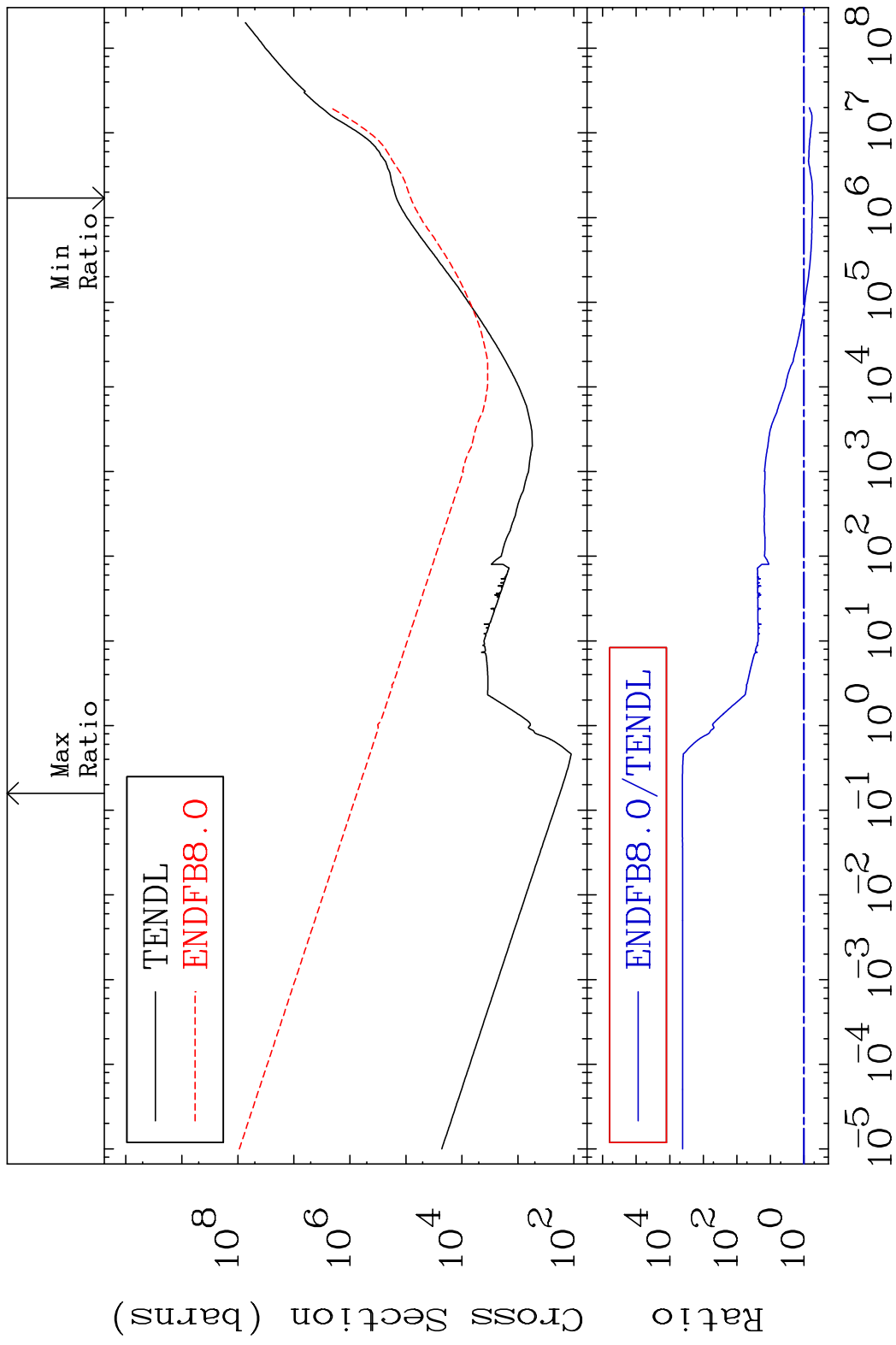


47 Incident Energy (eV) 52-Te-121m

MAT 5229 Total photon (eV-barns) 52-Te-121m
 Cross Section -100.0 To 9999. %



MAT 5229 Total kinematic kerma (high limit)52-Te-121m
 Cross Section -44.26 To 9999. %

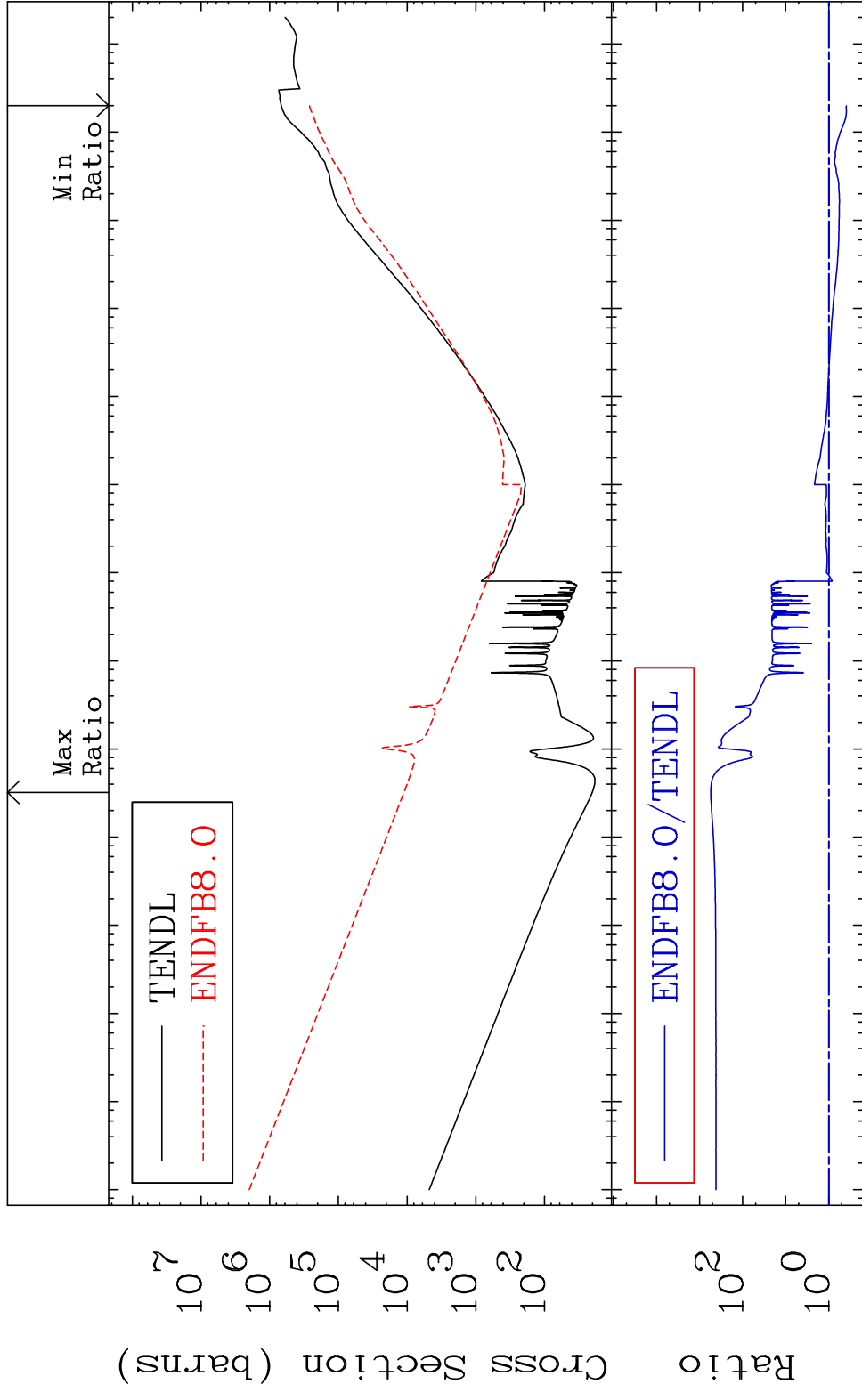


MAT 5229

Dpa total (eV-barns)

52-Te-121m

Cross Section -61.08 To 9999. %



50

Incident Energy (eV)

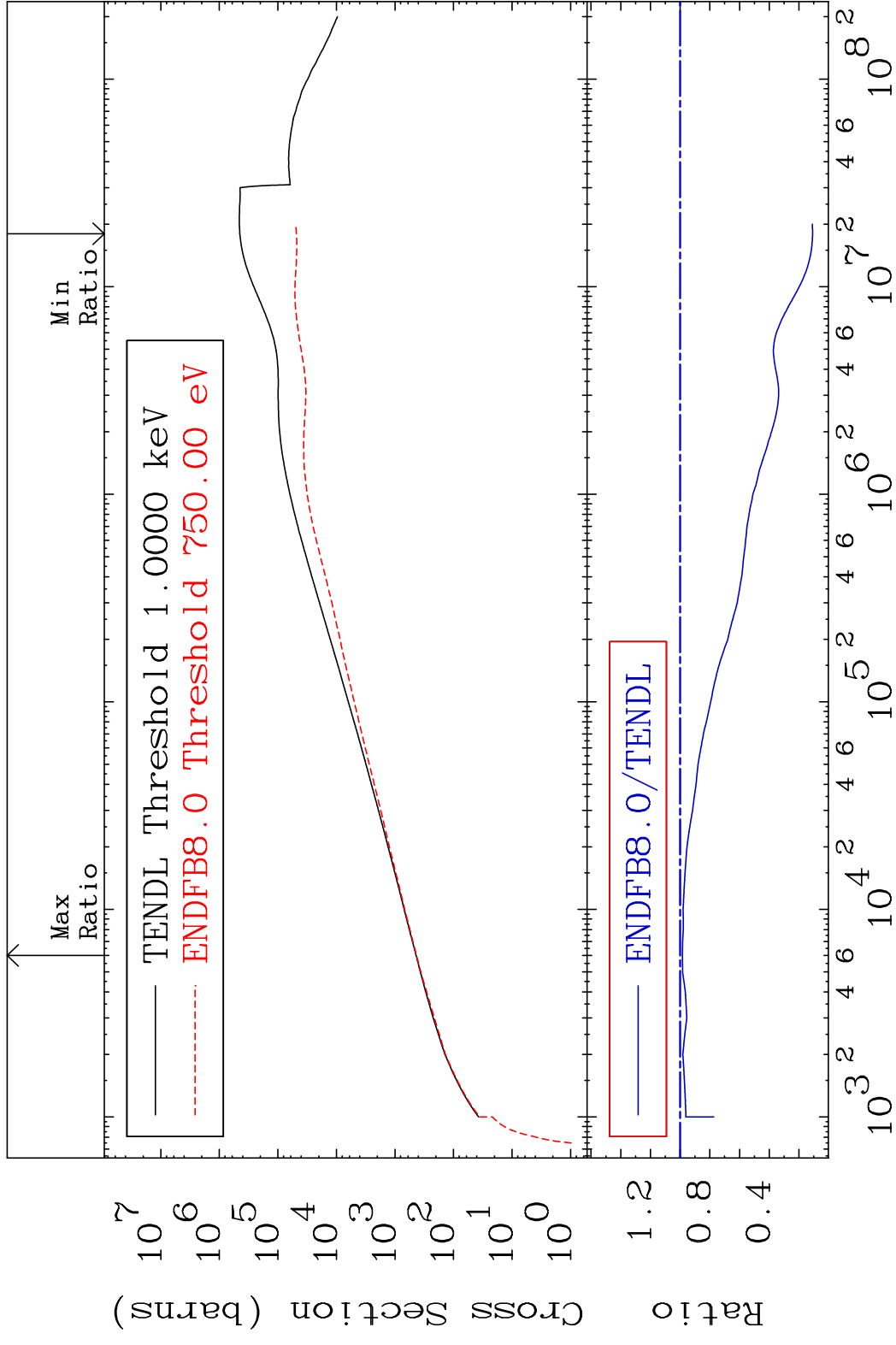
52-Te-121m

MAT 5229

Dpa elastic (mt2)

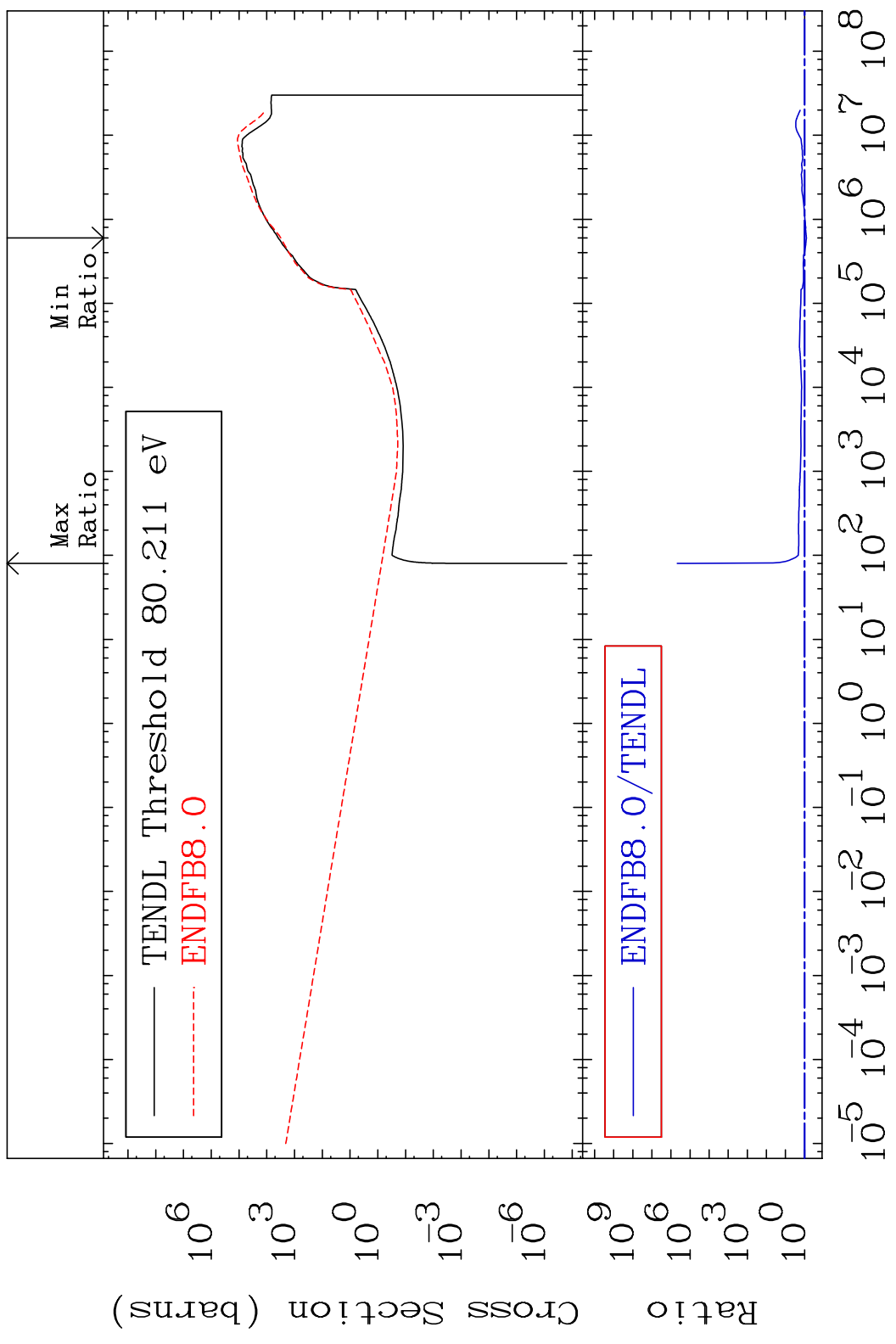
52-Te-121m

Cross Section -89.19 To -1.499%



MAT 5229

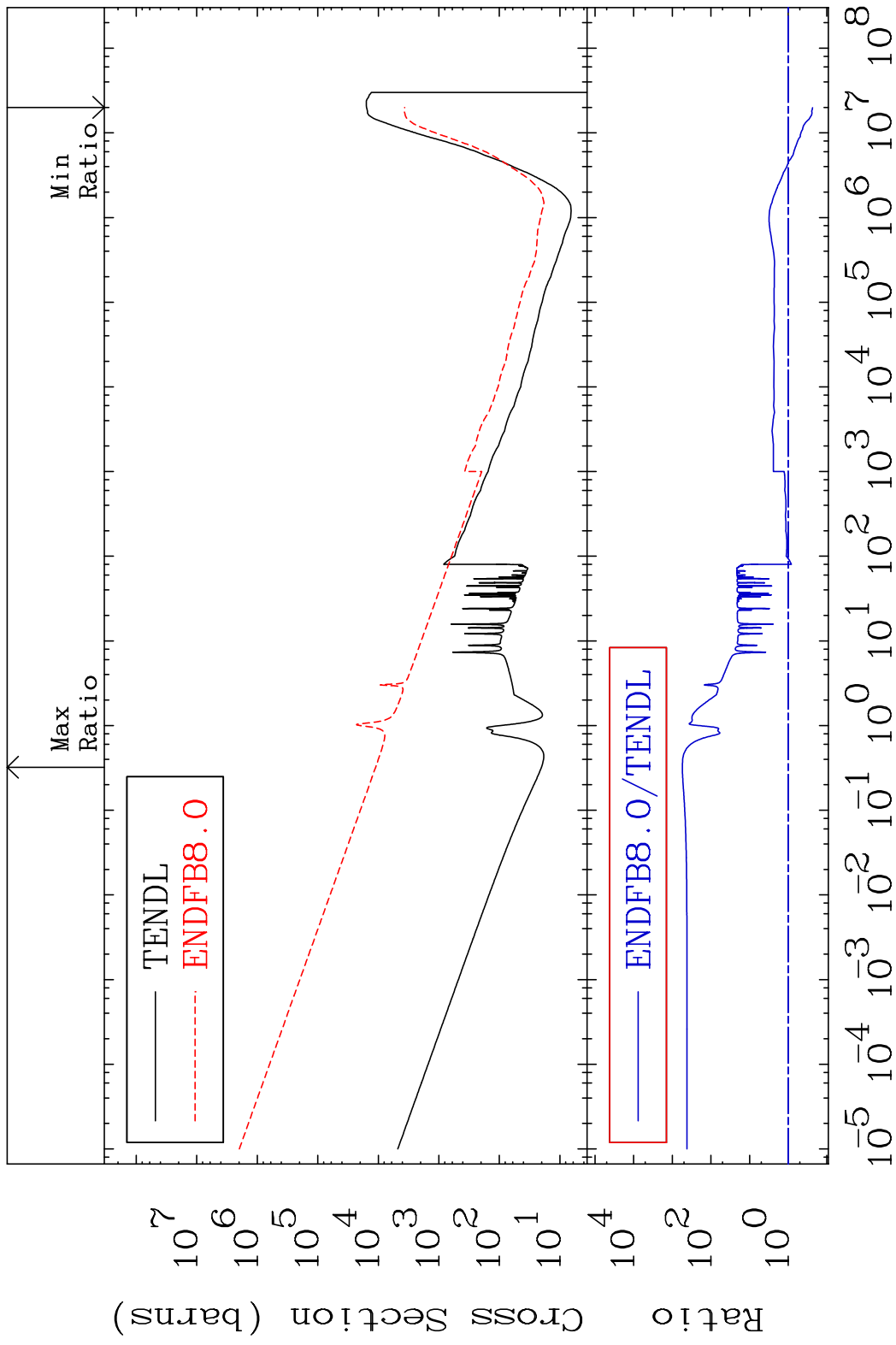
Dpa inelastic (mt51-91) 52-Te-121m
Cross Section -19.84 To 9999. %



52

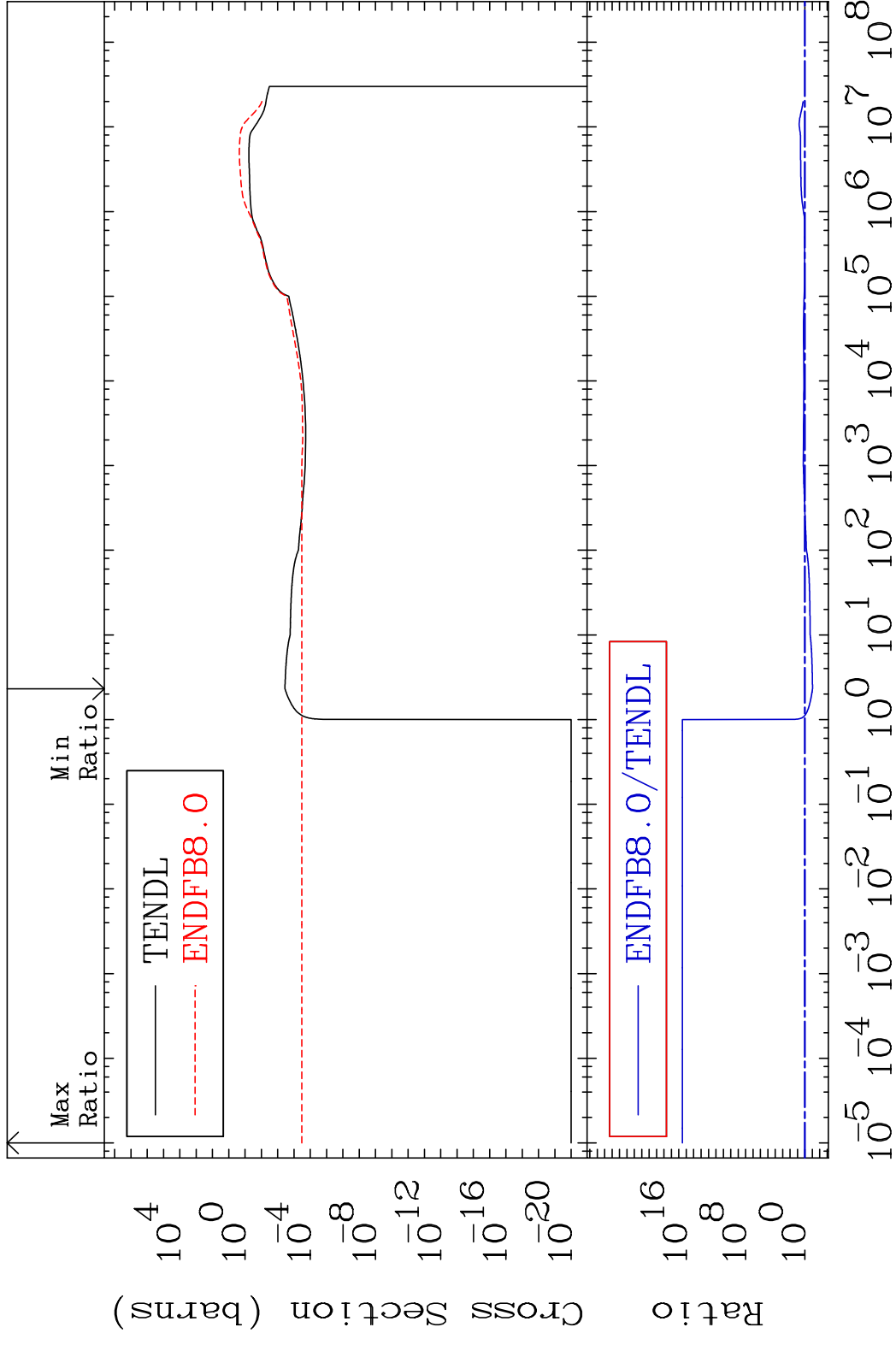
Incident Energy (eV) 52-Te-121m

MAT 5229 Dpa disappearance (mt102 -120) 52-Te-121m
 Cross Section -76.55 To 9999. %

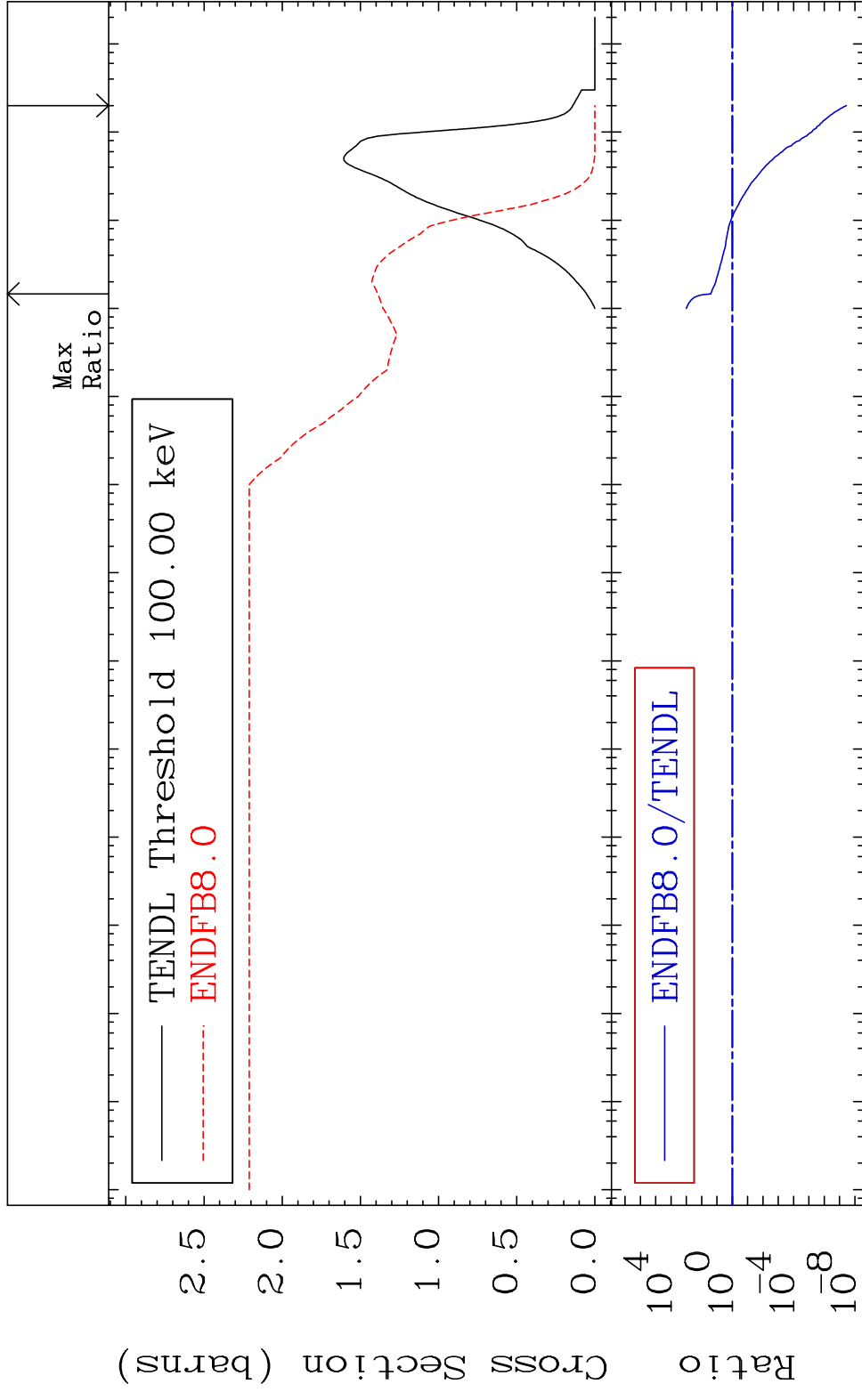


53 Incident Energy (eV) 52-Te-121m

MAT 5229 Inelastic:52-Te-121g 52-Te-121m
 Radionuclide Production Cross Section to 9999. %



MAT 5229 Inelastic:52-Te-121m2 52-Te-121m
 Radionuclide Production Cross Section 180.01 dth 2475. %



55 Incident Energy (eV) 52-Te-121m