

Program Complot
(Version 2021-1)

by

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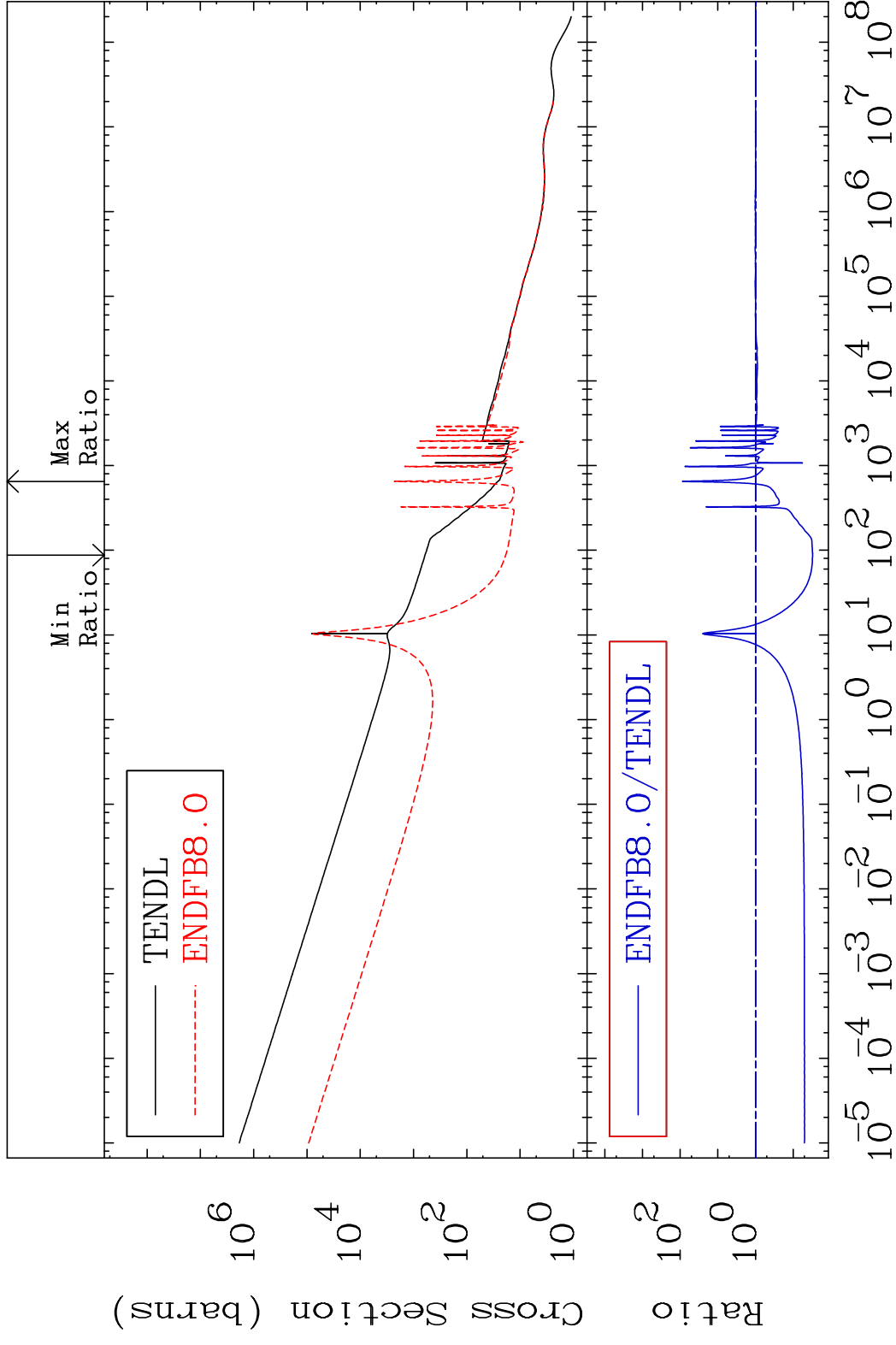
Press Mouse Button to Start

MAT 2722

27-Co-58

Total

Cross Section -96.94 To 8660. %



1

Incident Energy (eV)

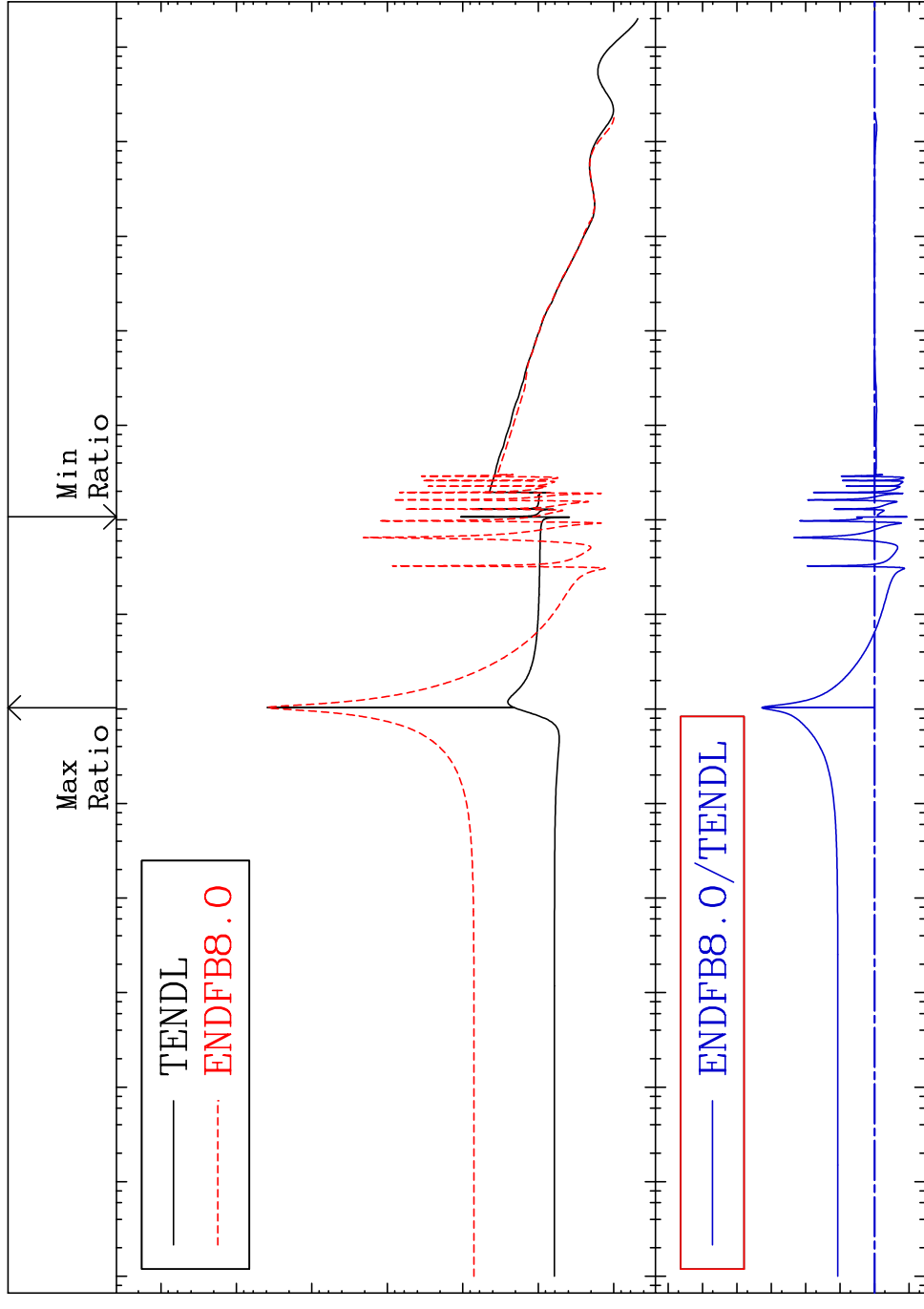
27-Co-58

MAT 2722

27-Co-58

Elastic

Cross Section -88.73 To 9999. %



Cross Section (barns)

Ratio

Incident Energy (eV)

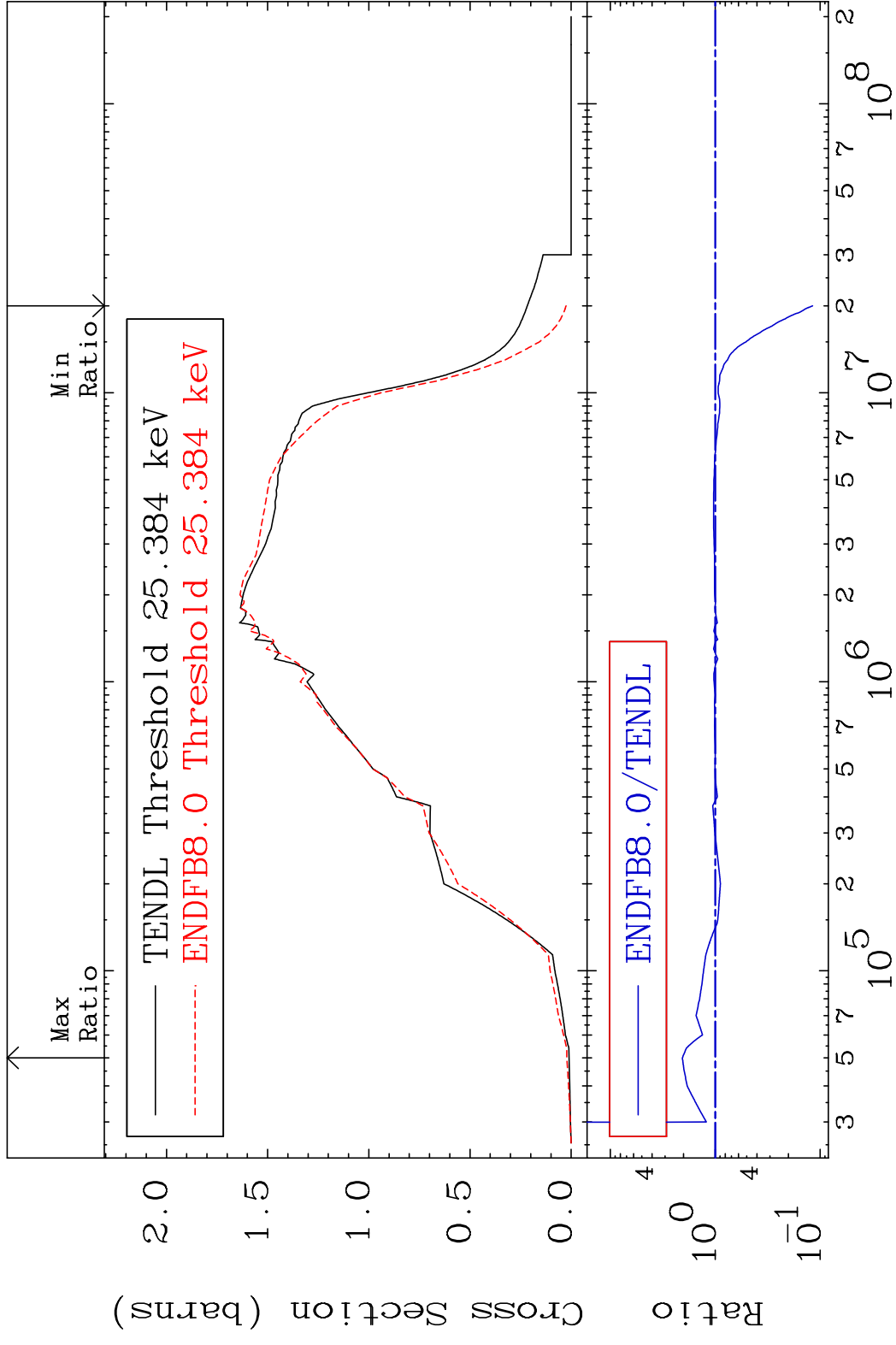
MAT 2722

Inelastic

27-Co-58

Cross Section

-88.20 To 105.4 %



3

Incident Energy (eV)

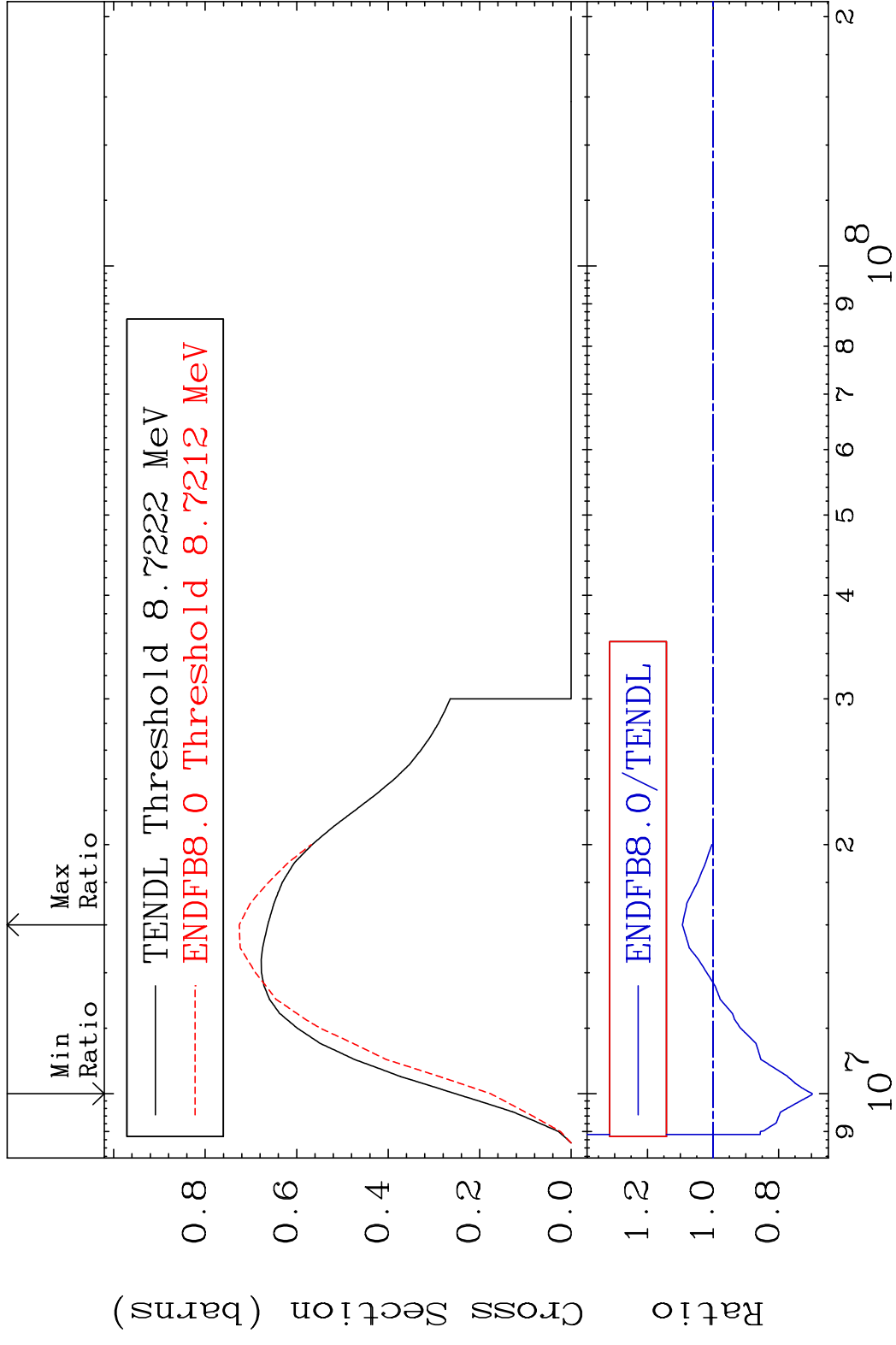
27-Co-58

MAT 2722

(n,2n)

27-Co-58

Cross Section -30.36 To 9.371 %



4

Incident Energy (eV)

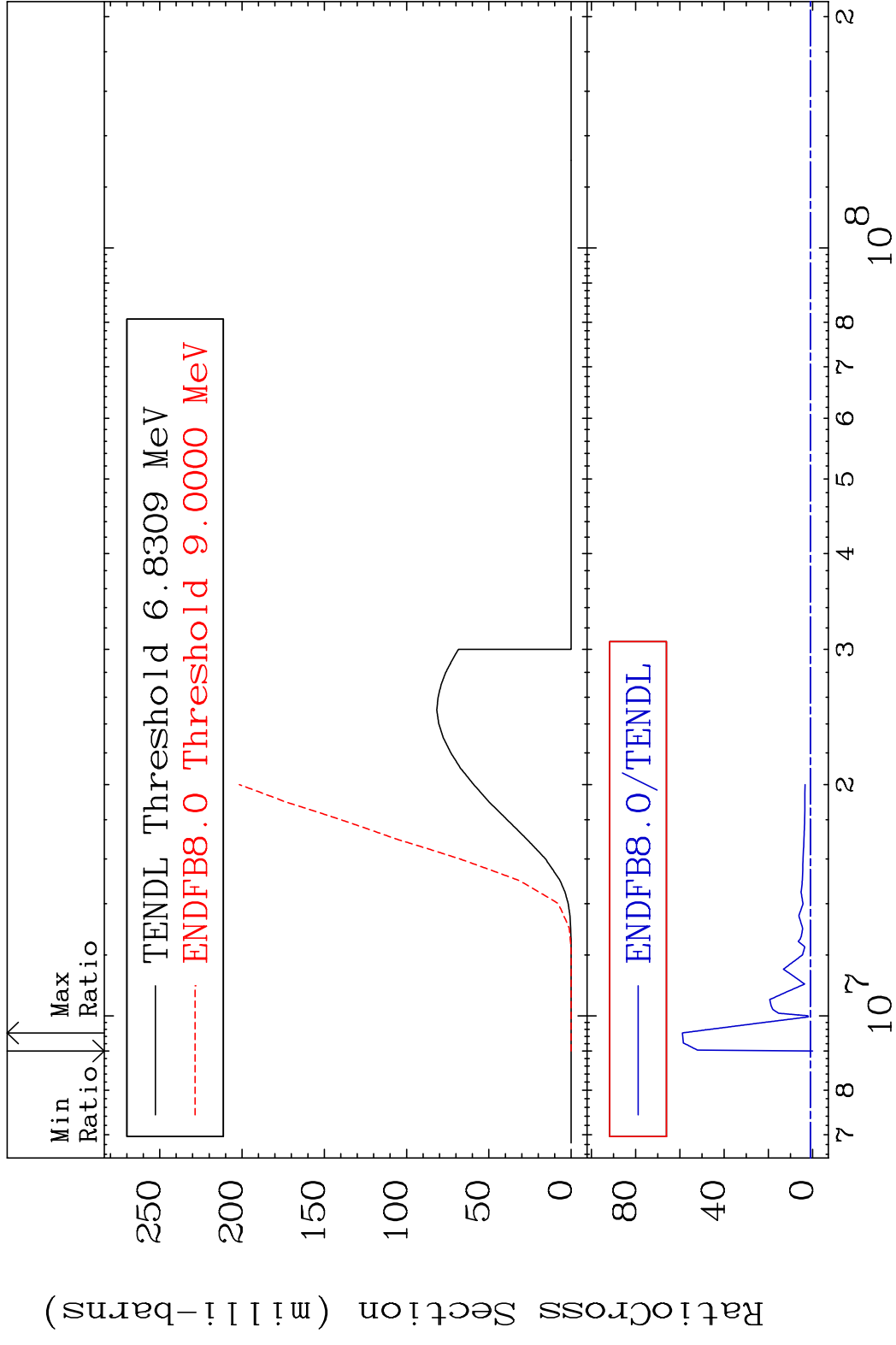
27-Co-58

MAT 2722

(n, n') α

27-Co-58

Cross Section -100.0 To 5788. %



5

Incident Energy (eV)

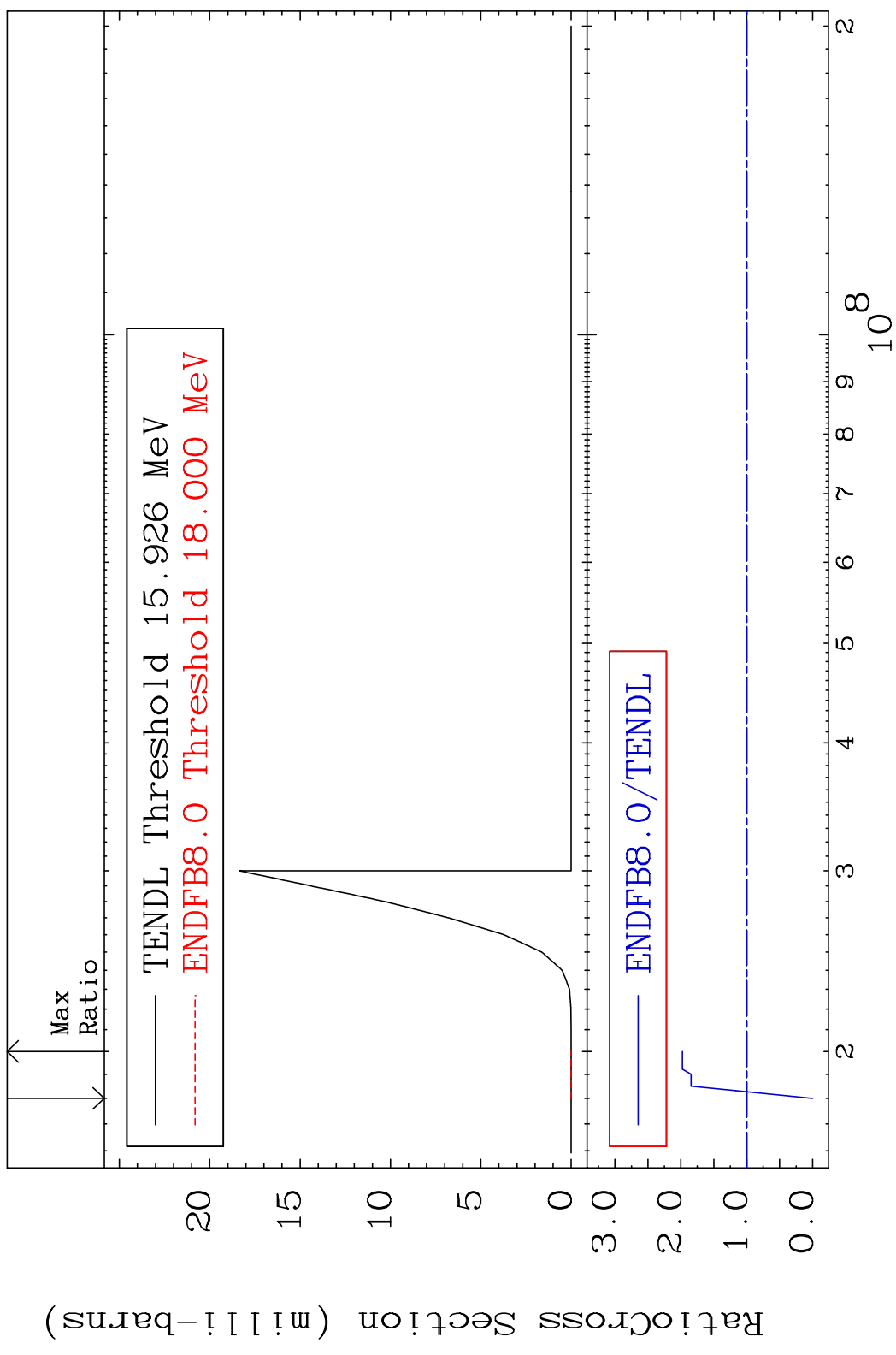
27-Co-58

MAT 2722

(n,2n) α

27-Co-58

Cross Section -100.0 To 97.68 %

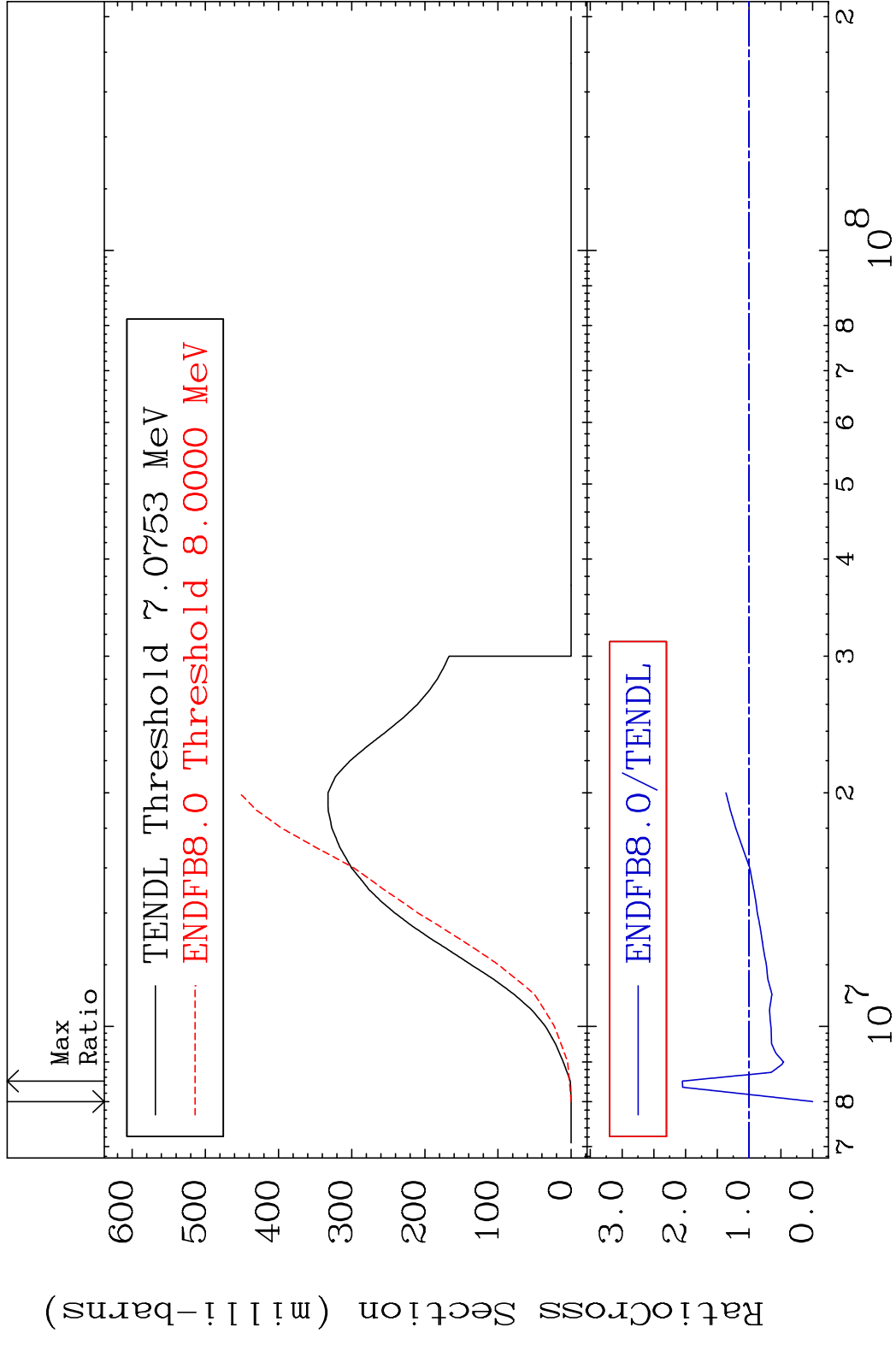


MAT 2722

(n, n') p

27-Co-58

Cross Section -100.0 To 105.1 %



7

Incident Energy (eV)

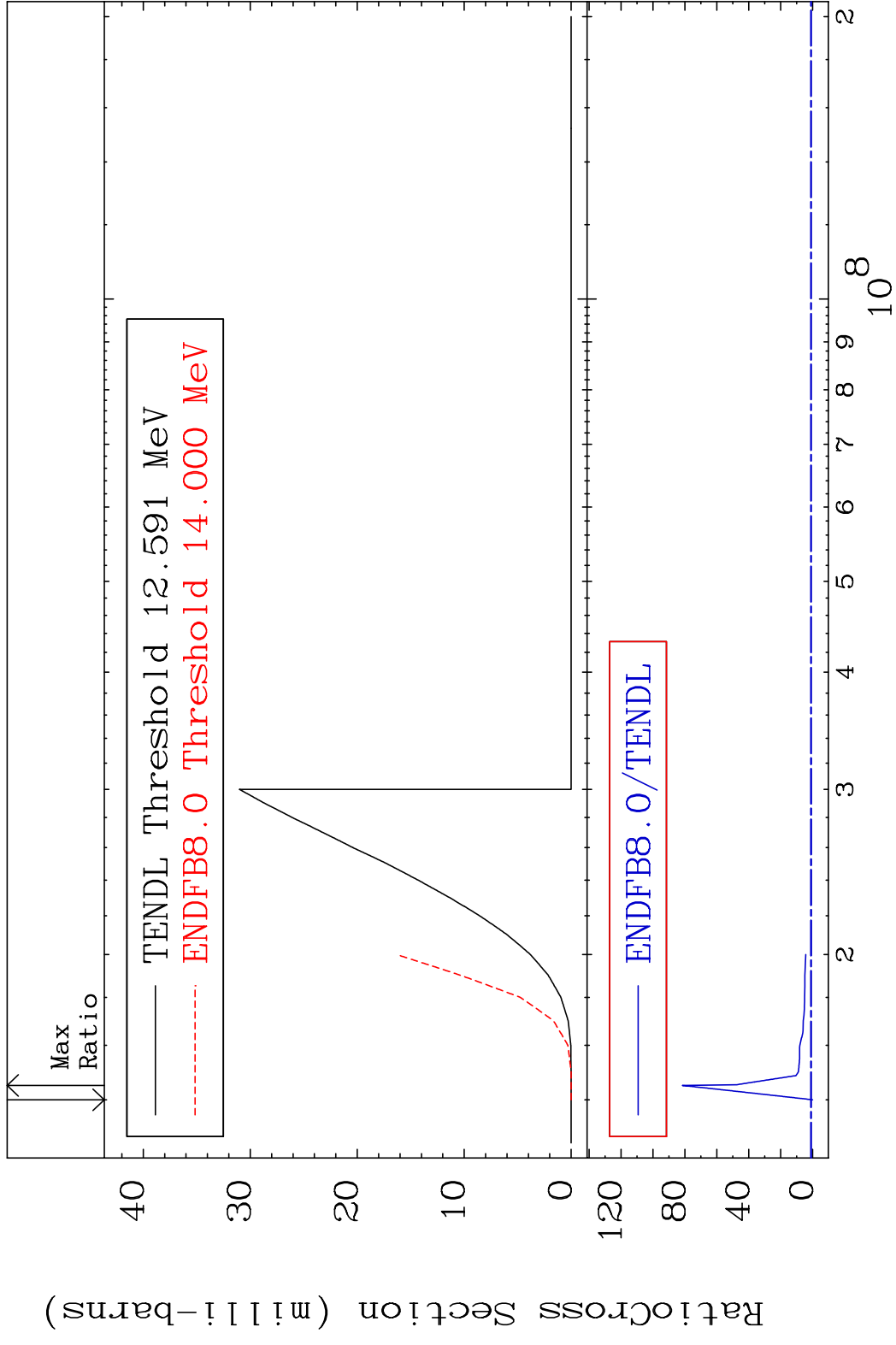
27-Co-58

MAT 2722

(n, n') d

27-Co-58

Cross Section -100.0 To 8060. %



8

Incident Energy (eV)

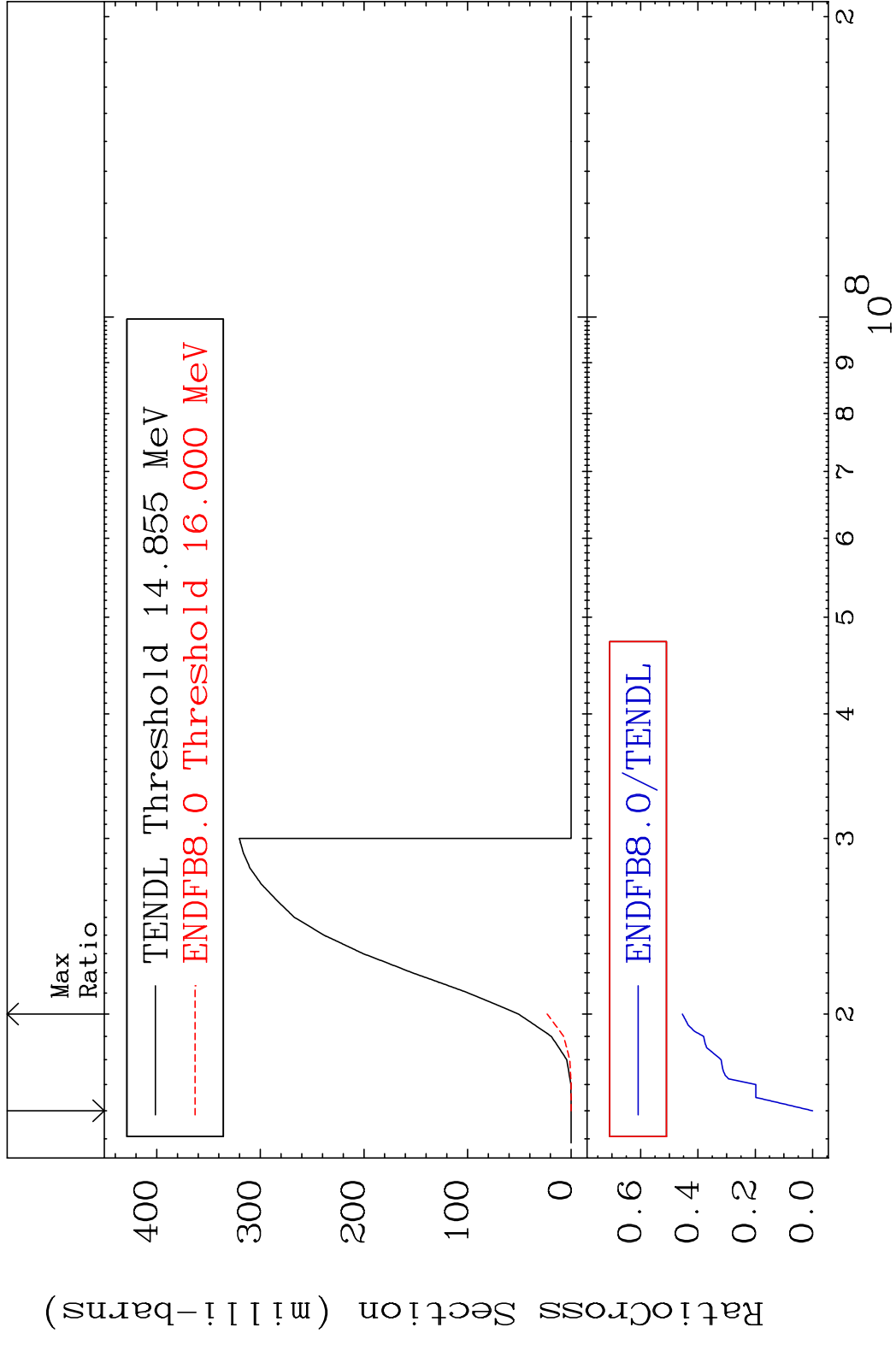
27-Co-58

MAT 2722

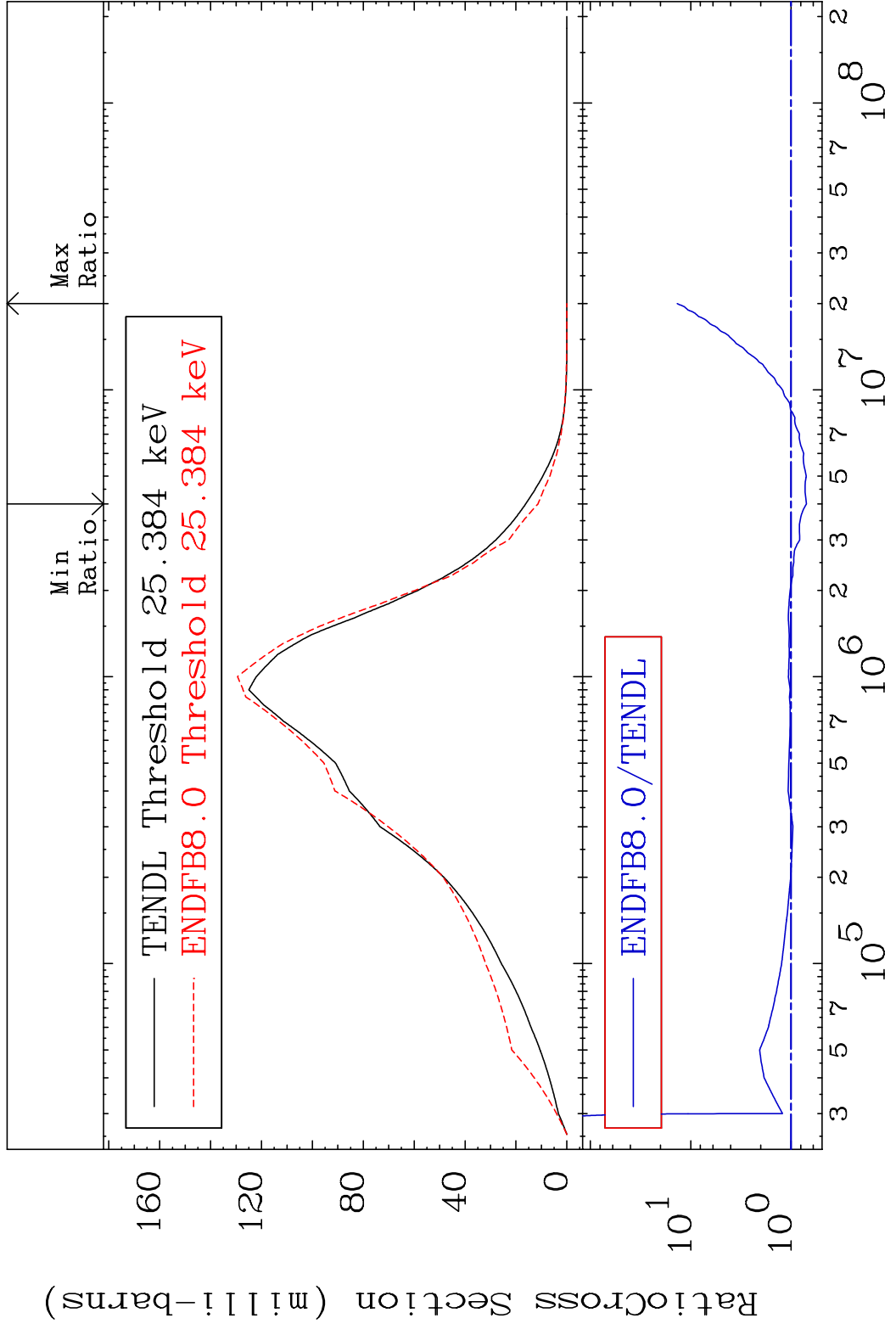
(n,2n) p

27-Co-58

Cross Section -100.0 To -54.55%

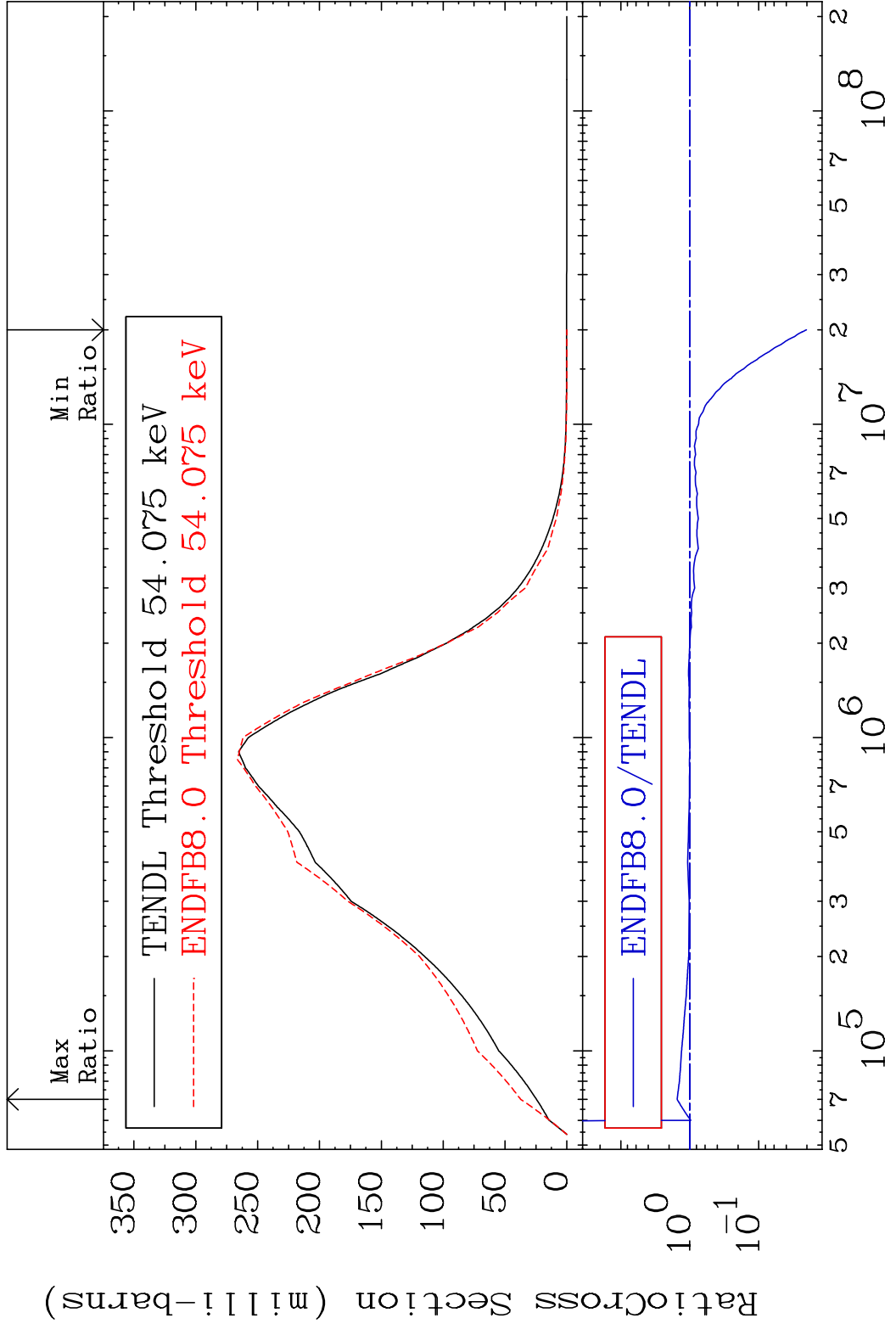


MAT 2722 MT= 51 (n, n') Level 27-Co-58
 Cross Section -29.83 To 1264. %

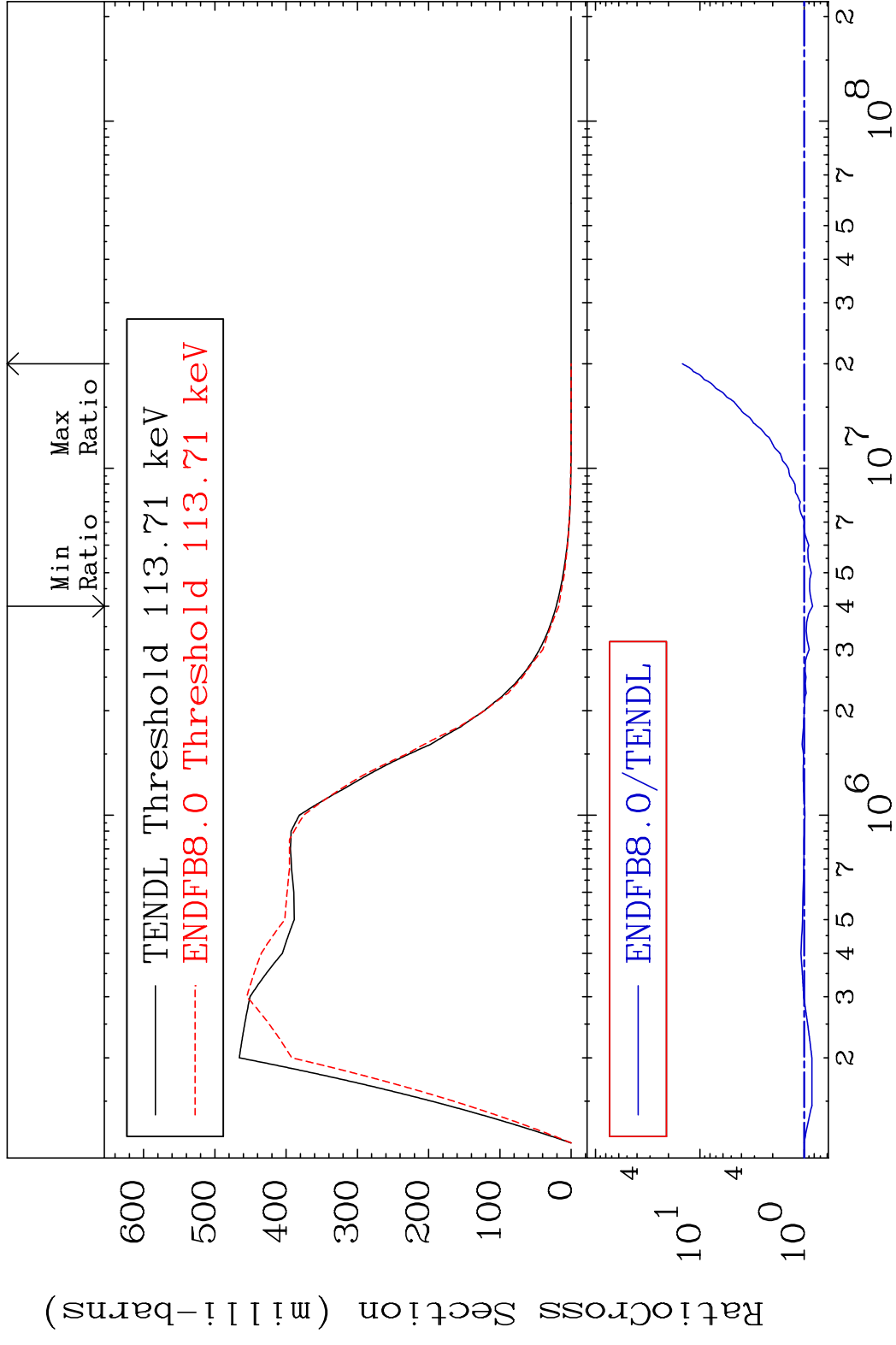


10 Incident Energy (eV) 27-Co-58

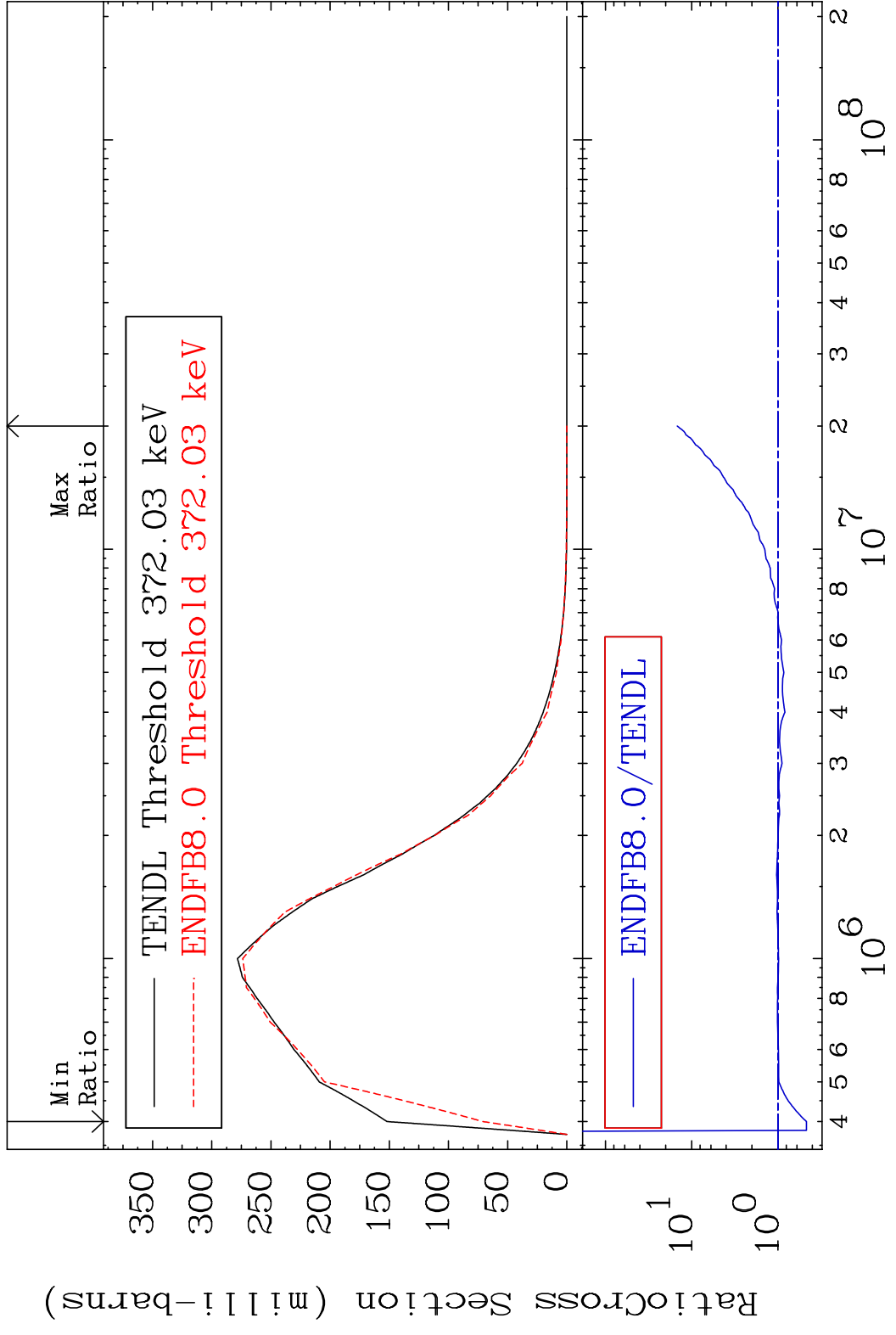
MAT 2722 MT= 52 (n, n') Level 27-Co-58
 Cross Section -97.96 To 52.19 %



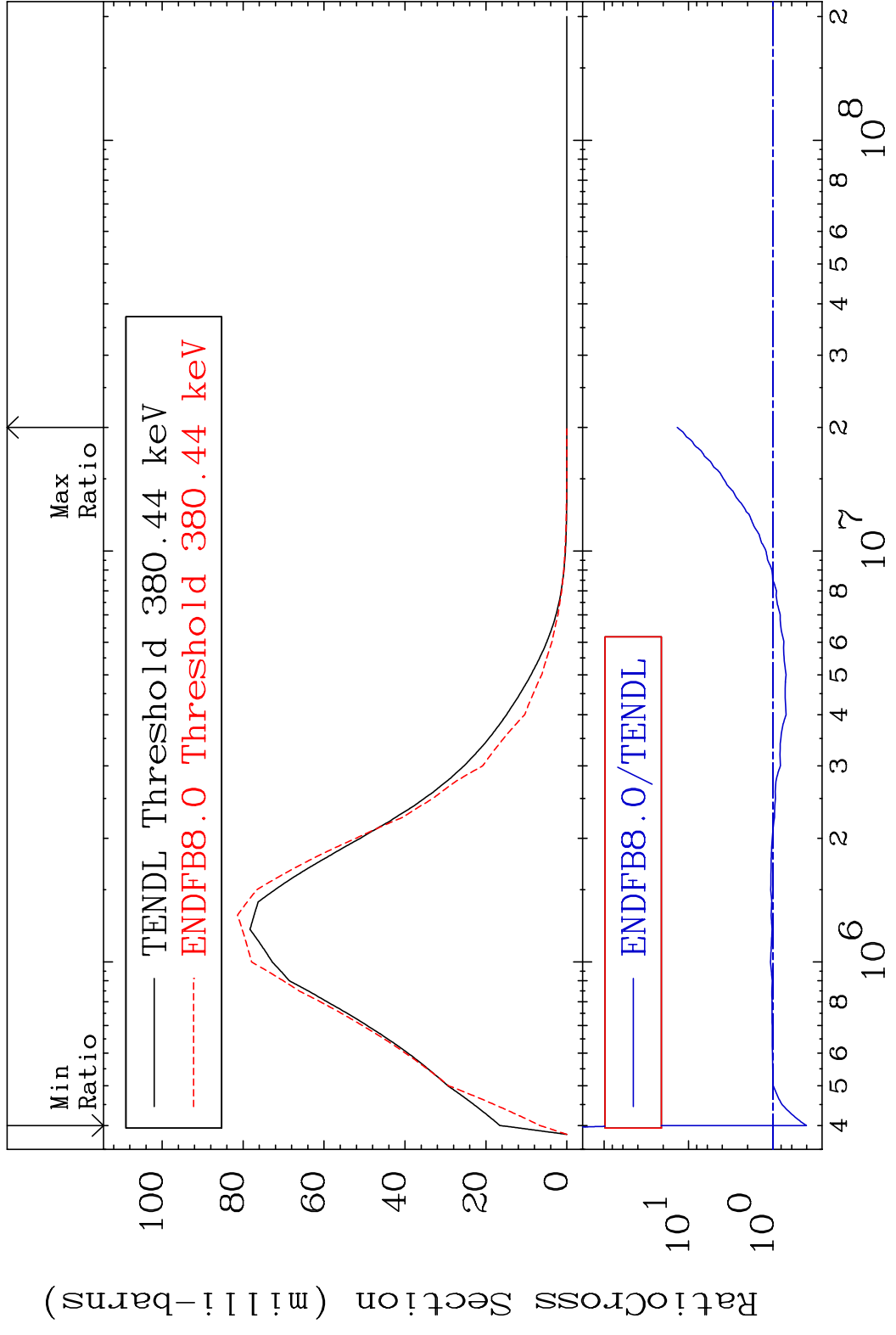
MAT 2722 MT= 53 (n, n') Level 27-Co-58
 Cross Section -16.97 To 1372. %



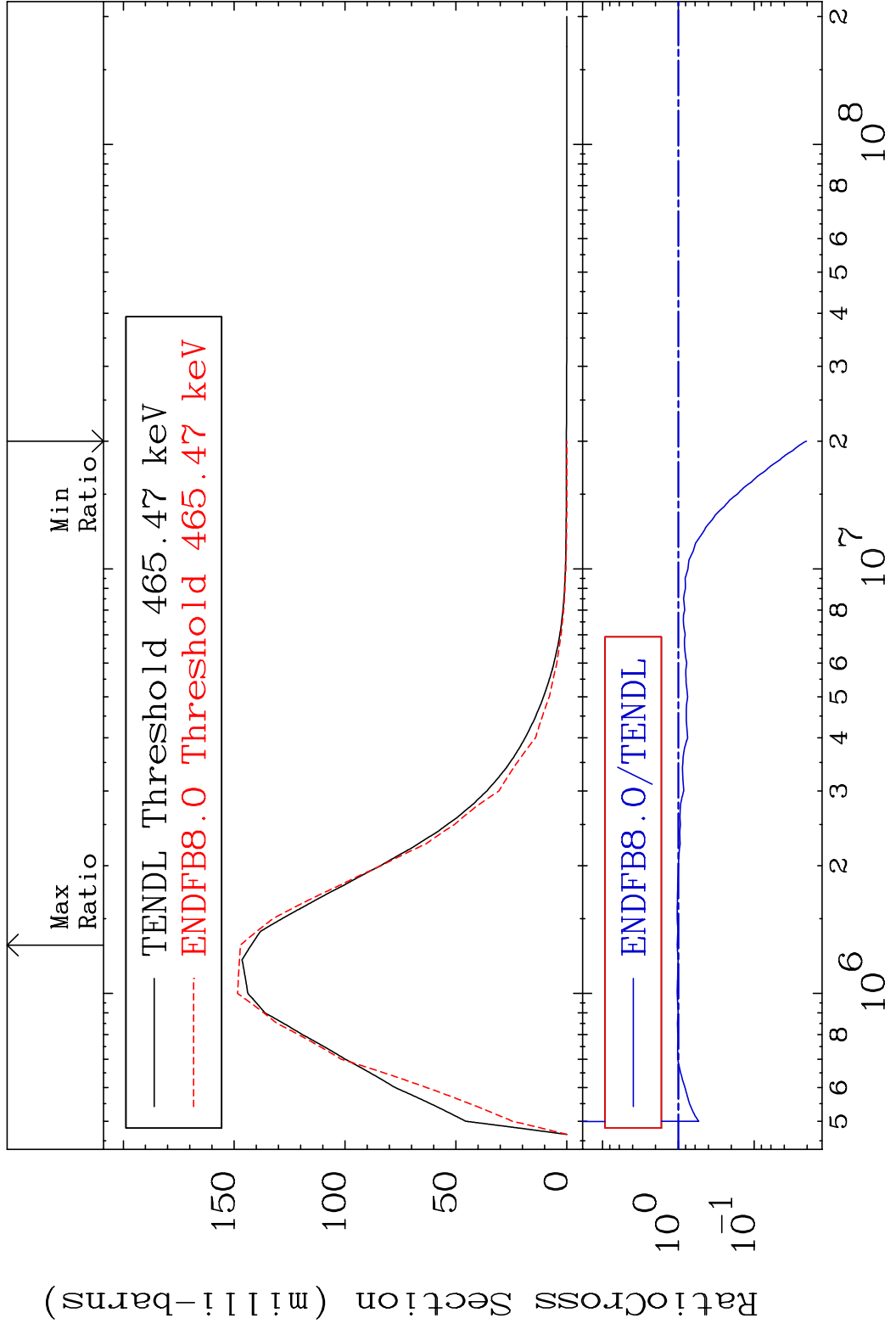
MAT 2722 MT= 54 (n,n') Level 27-Co-58
 Cross Section -53.26 To 1374. %



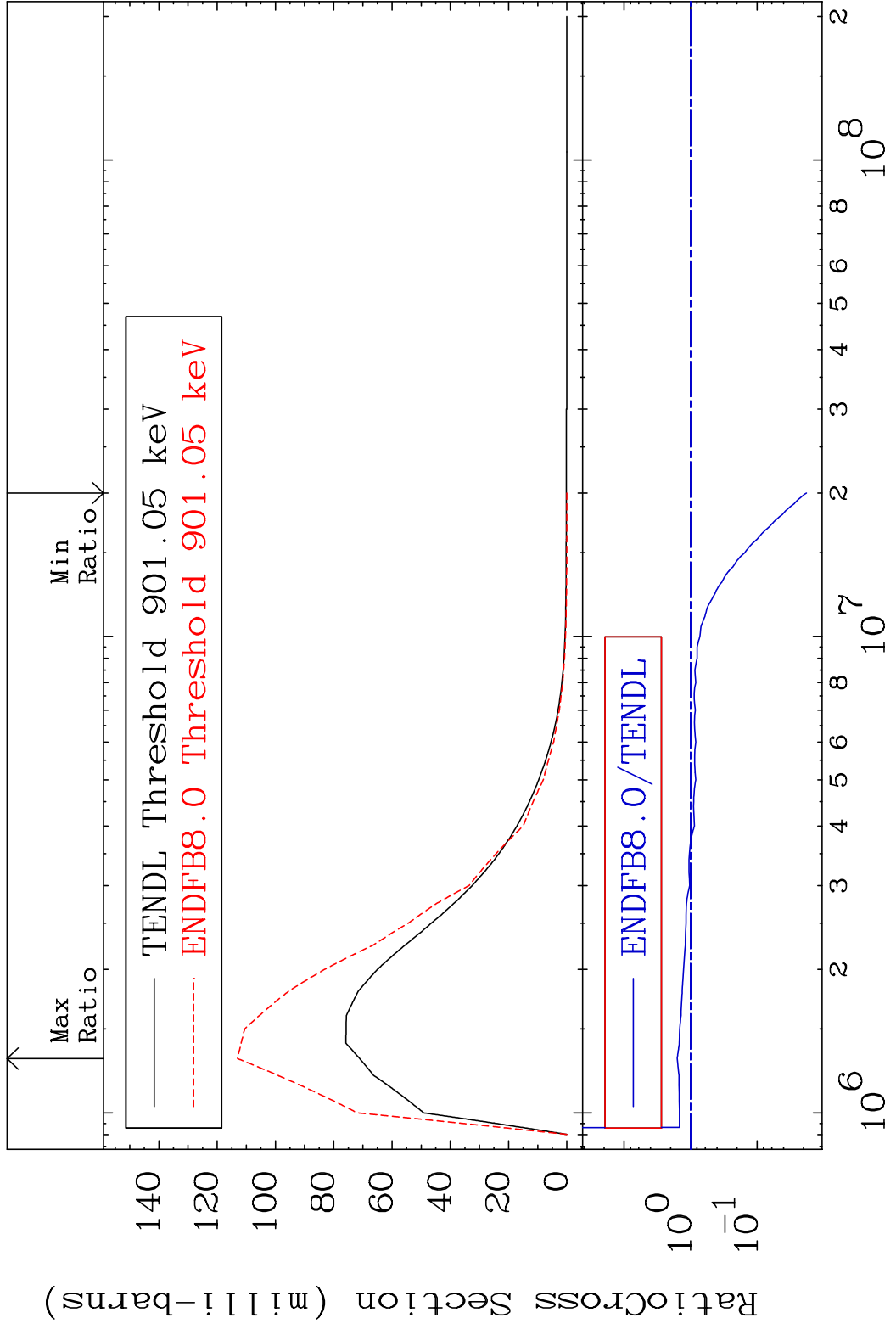
MAT 2722 MT= 55 (n,n') Level 27-Co-58
 Cross Section -59.76 To 1265. %



MAT 2722 MT= 56 (n, n') Level 27-Co-58
 Cross Section -97.96 To 3.417 %

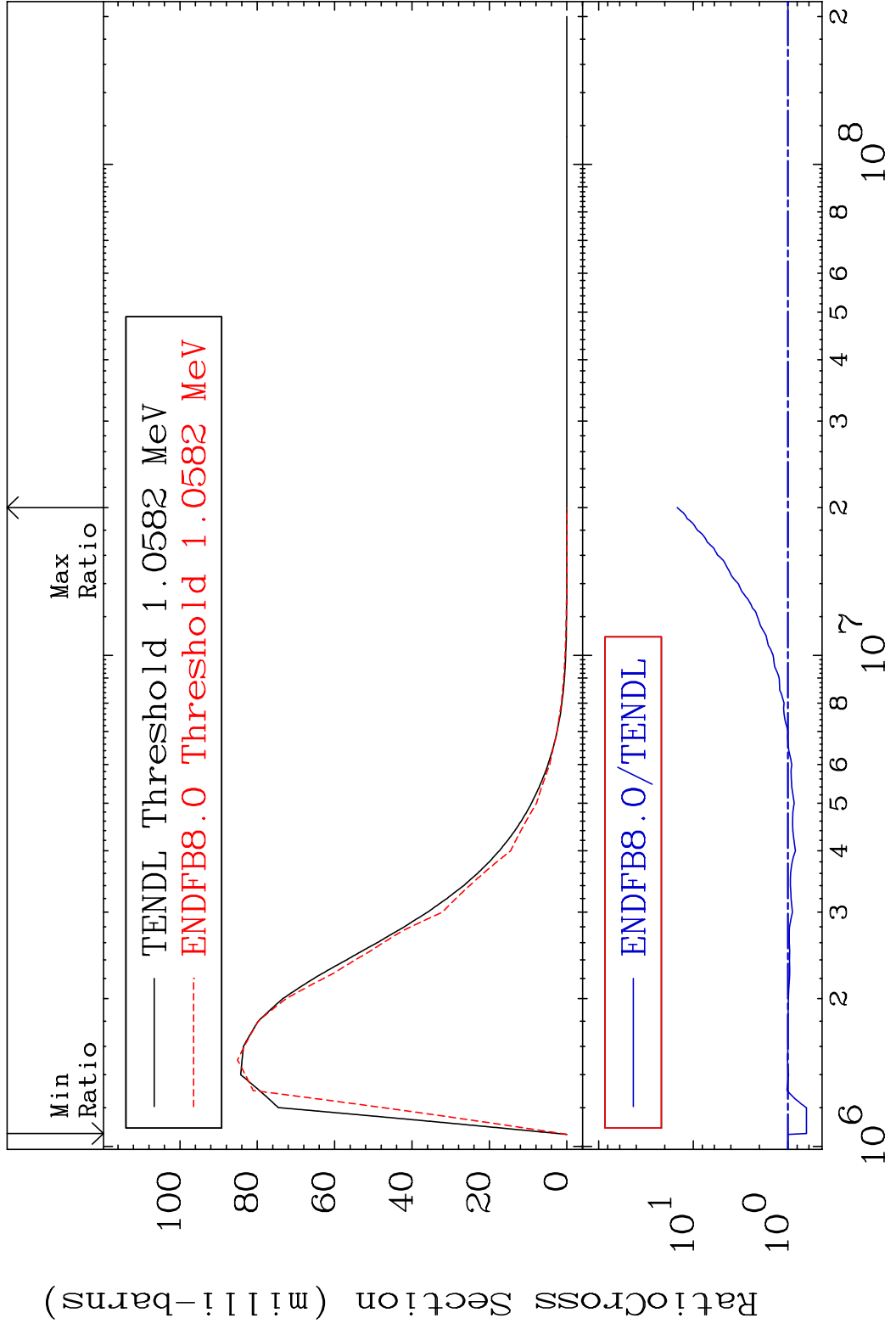


MAT 2722 MT= 57 (n, n') Level 27-Co-58
 Cross Section -98.19 To 58.93 %



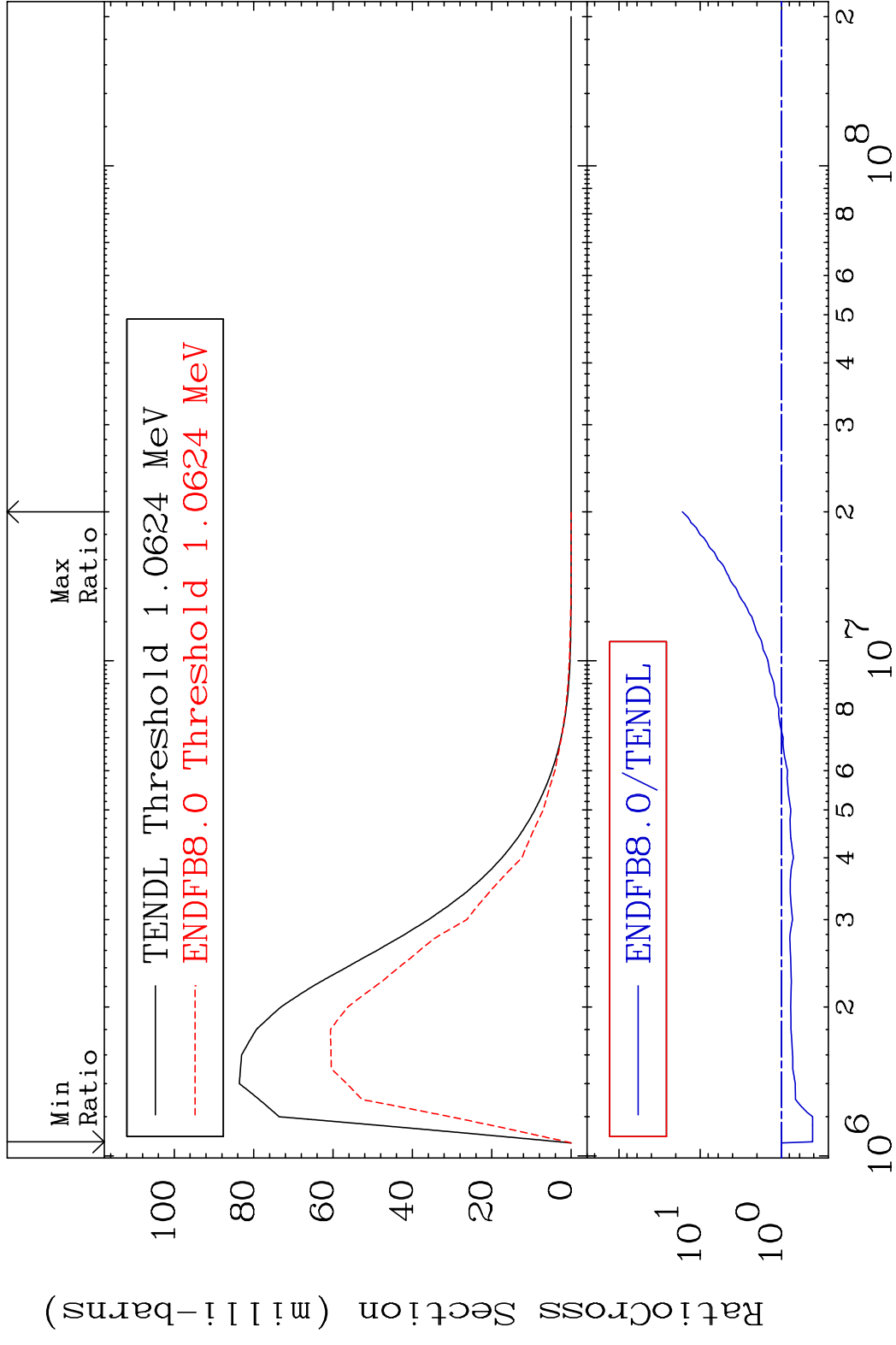
16 Incident Energy (eV) 27-Co-58

MAT 2722 MT= 58 (n, n') Level 27-Co-58
 Cross Section -36.25 To 1379. %



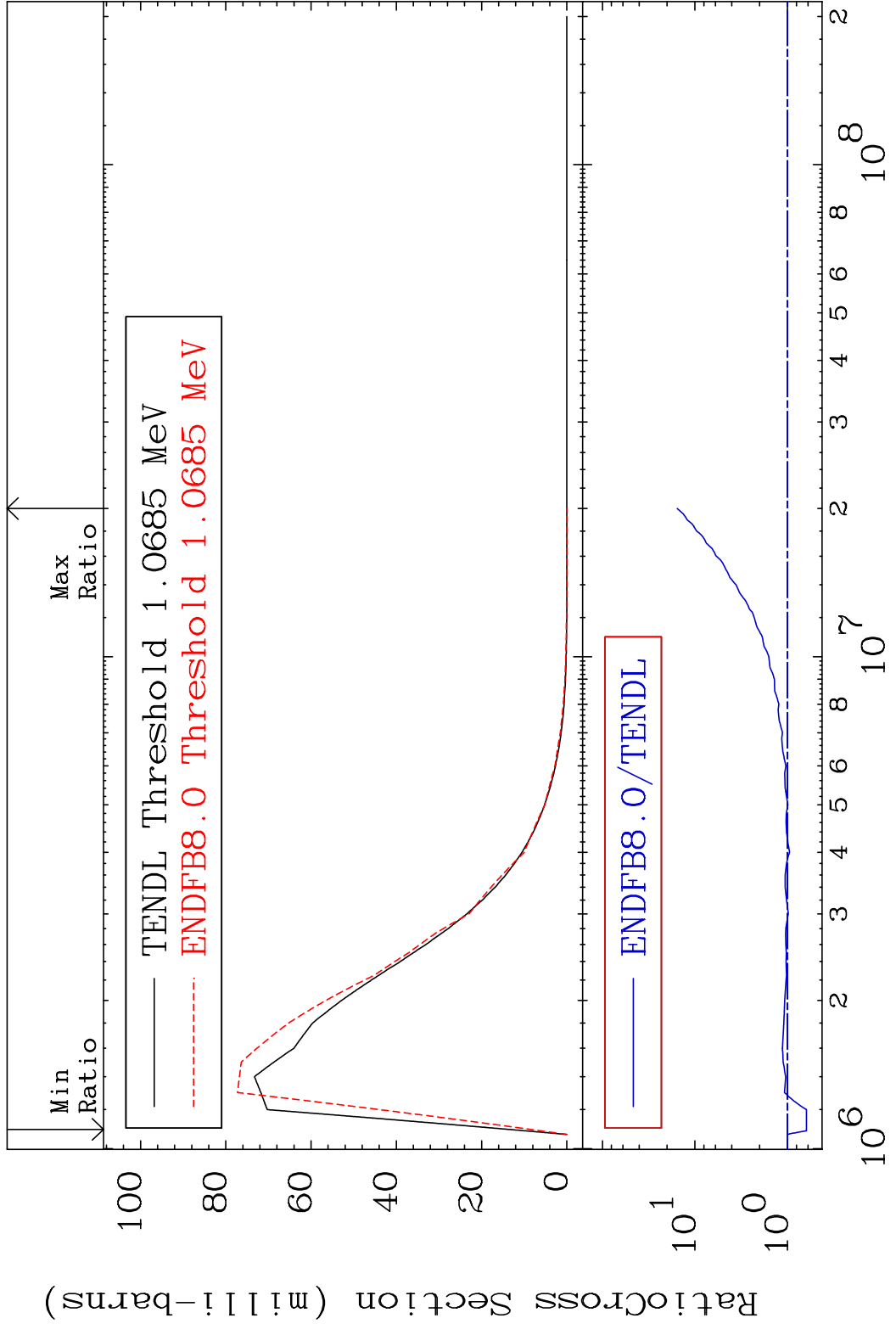
17 Incident Energy (eV) 27-Co-58

MAT 2722 MT= 59 (n, n') Level 27-Co-58
 Cross Section -58.55 To 1560. %



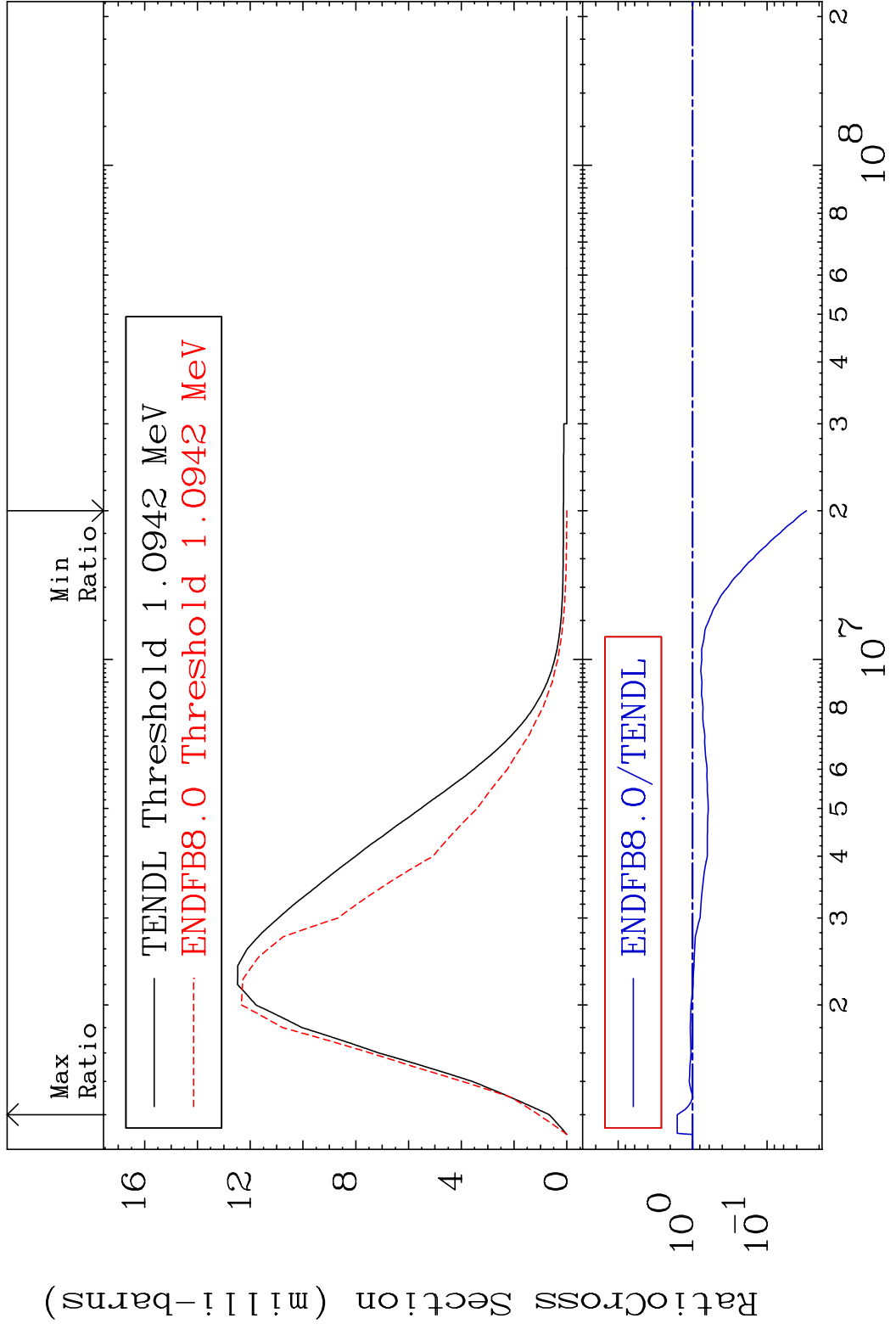
18 Incident Energy (eV) 27-Co-58

MAT 2722 MT= 60 (n, n') Level 27-Co-58
 Cross Section -37.56 To 1457. %



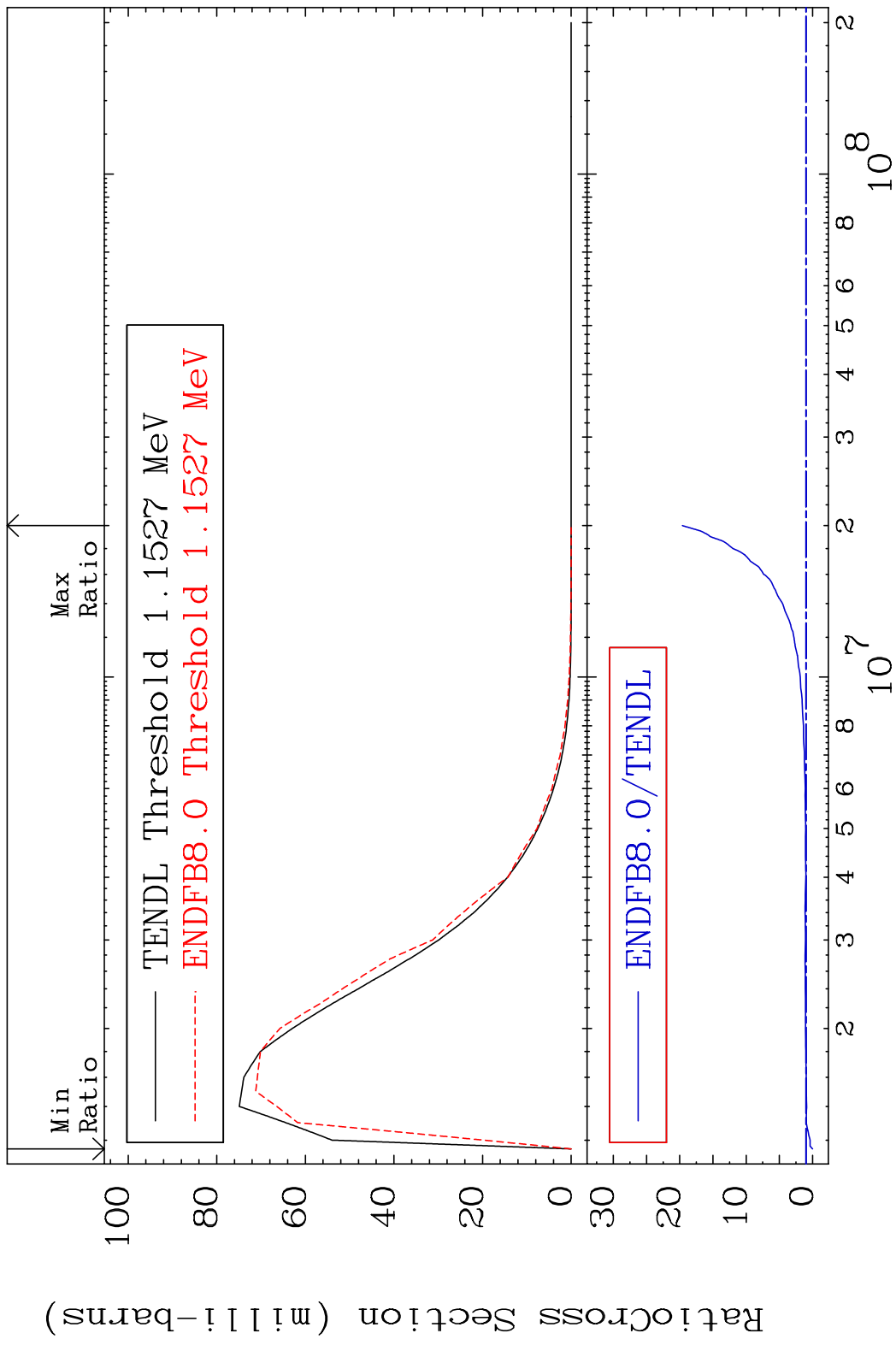
19 Incident Energy (eV) 27-Co-58

MAT 2722 MT= 61 (n, n') Level 27-Co-58
 Cross Section -97.04 To 60.73 %

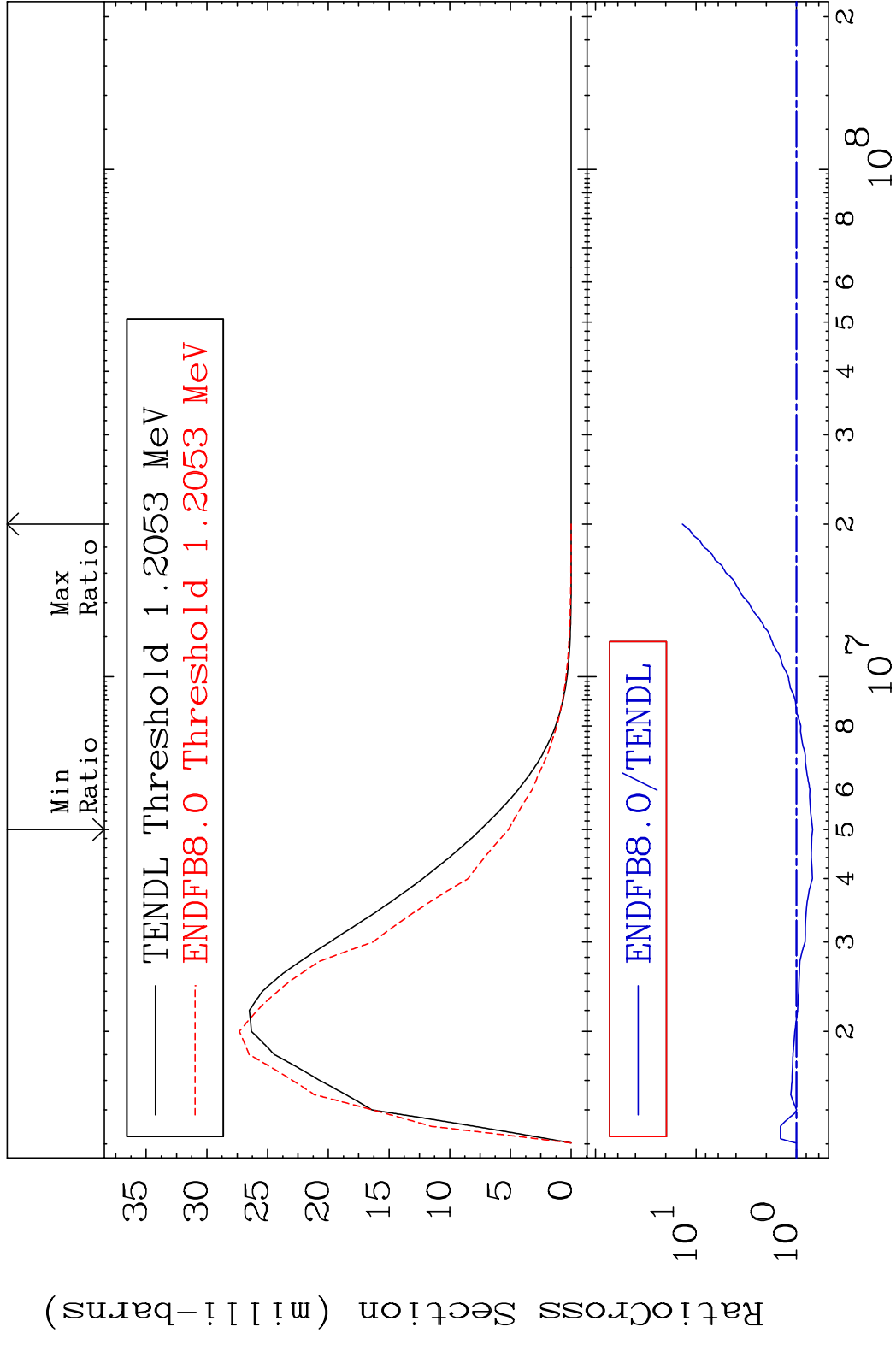


20 Incident Energy (eV) 27-Co-58

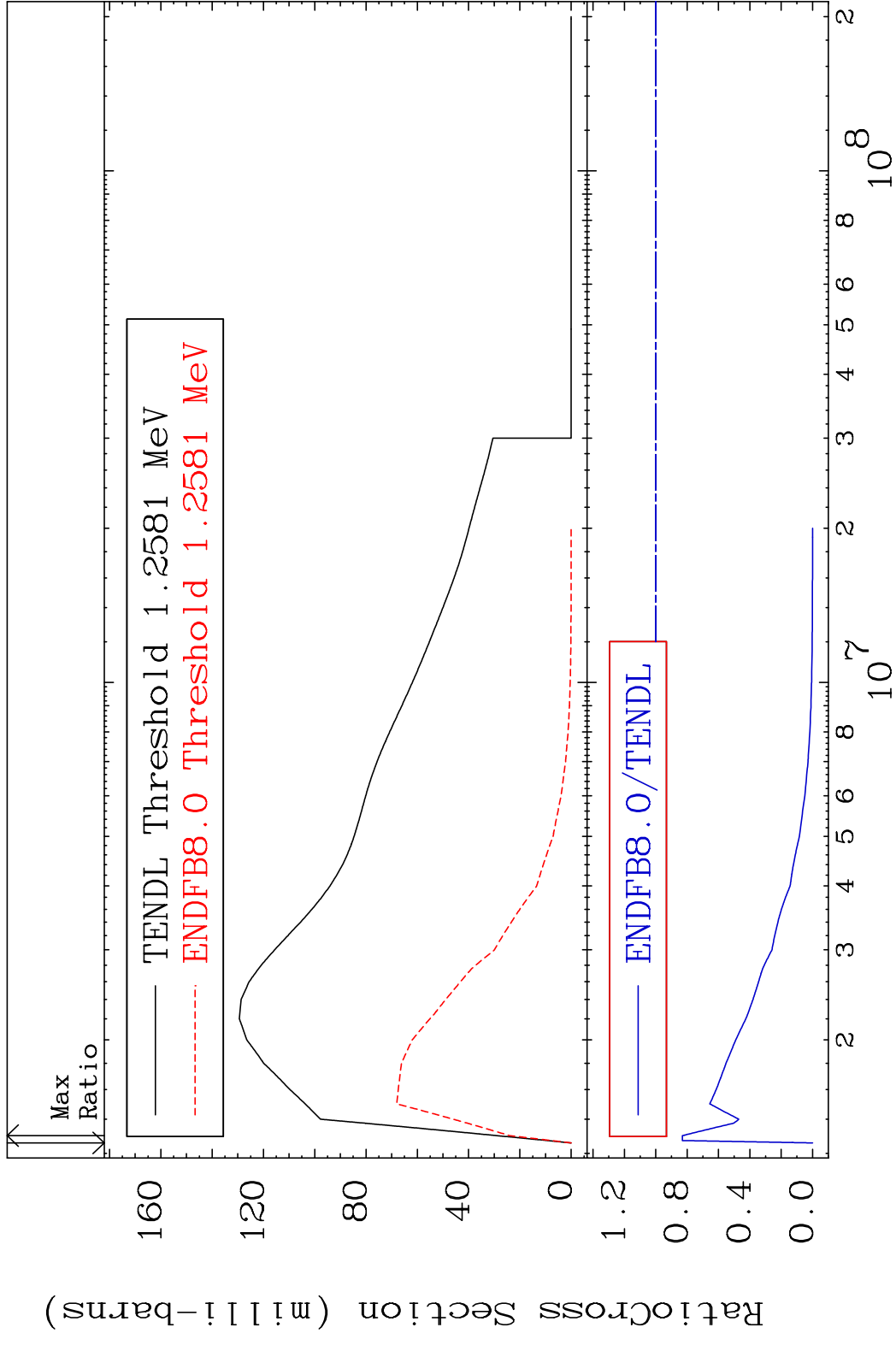
MAT 2722 MT= 62 (n, n') Level 27-Co-58
 Cross Section -100.0 To 1861. %



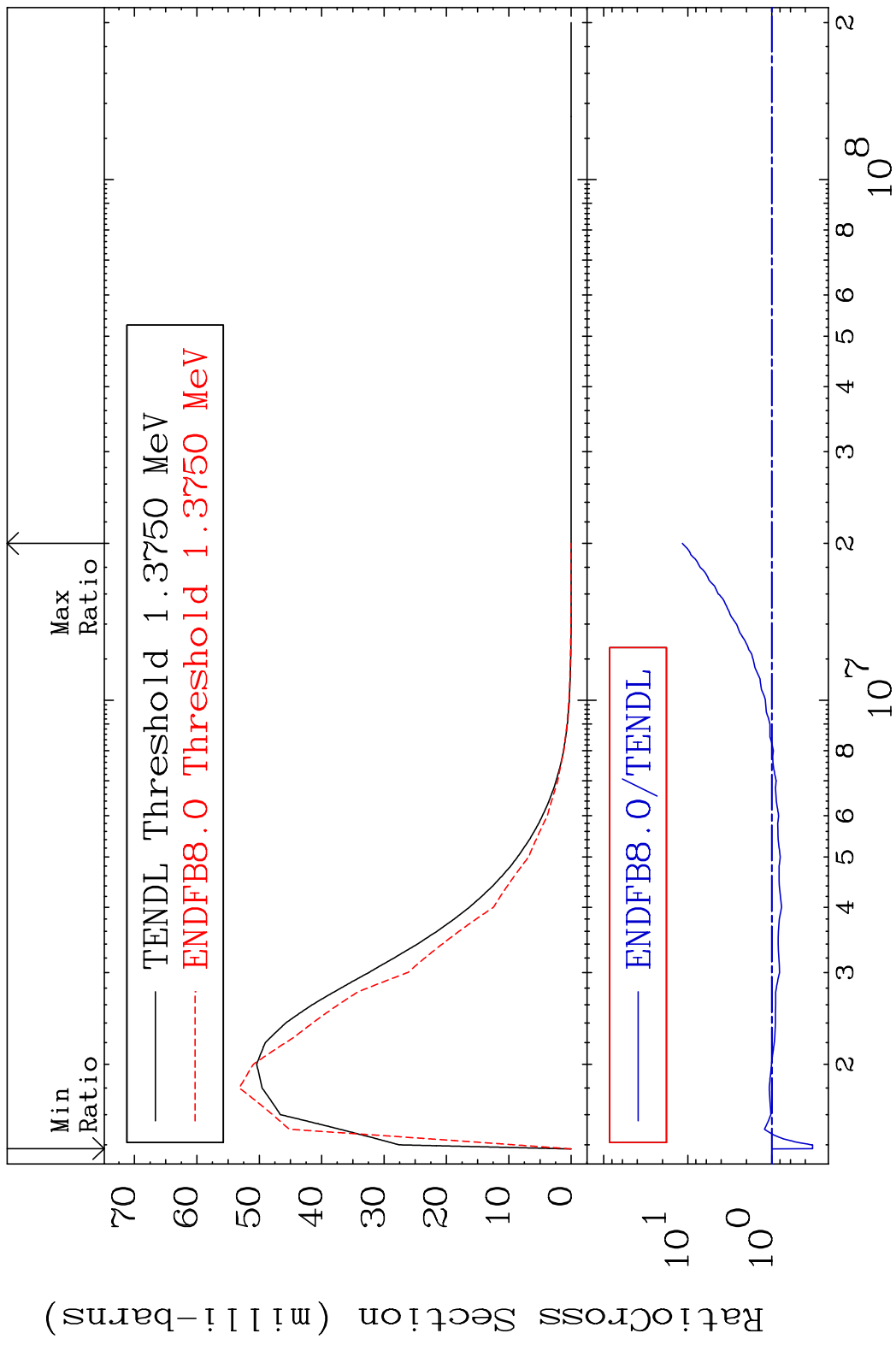
MAT 2722 MT= 63 (n, n') Level 27-Co-58
 Cross Section -30.77 To 1266. %



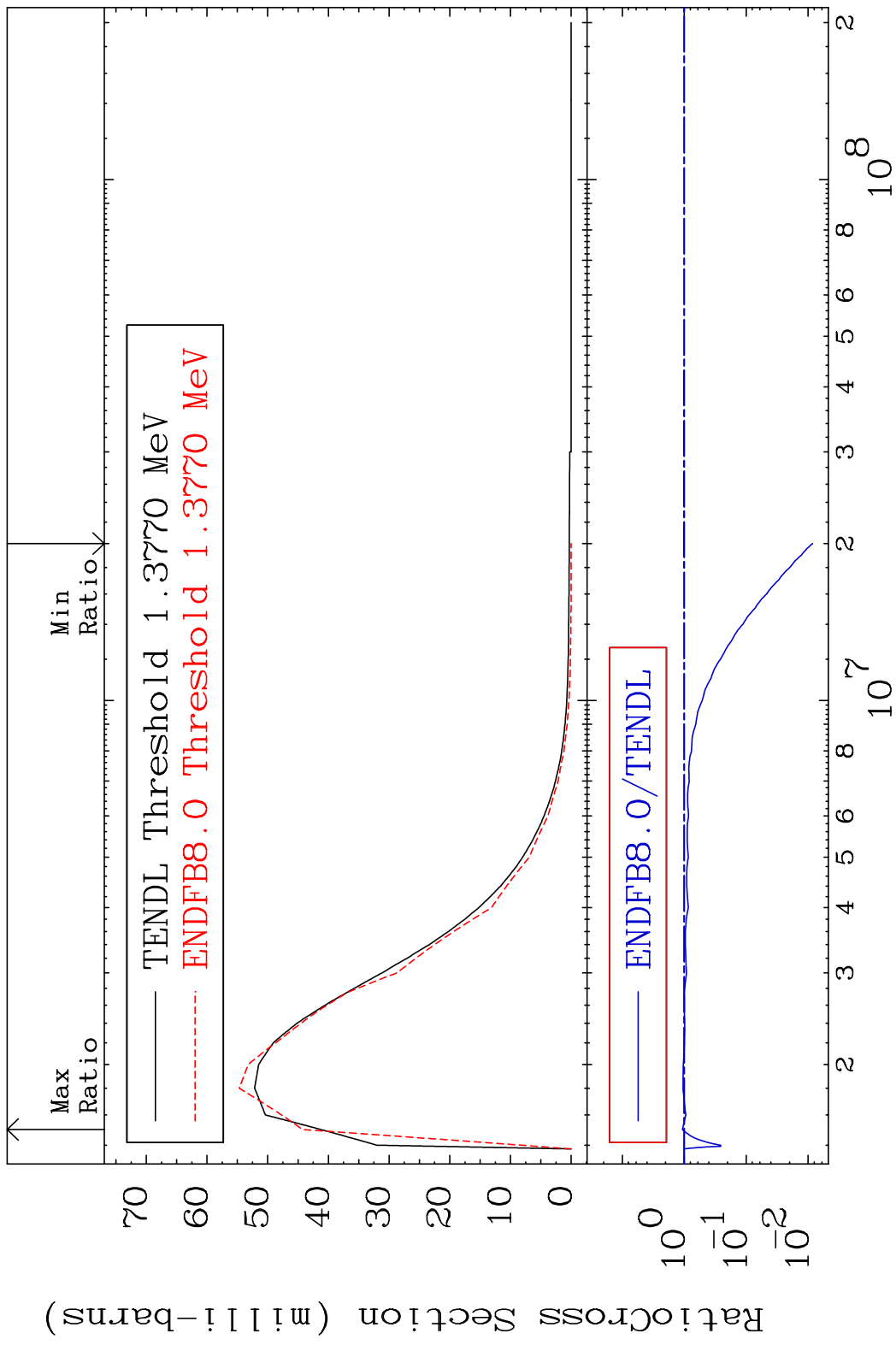
MAT 2722 MT= 64 (n, n') Level 27-Co-58
 Cross Section -100.0 To -16.96%



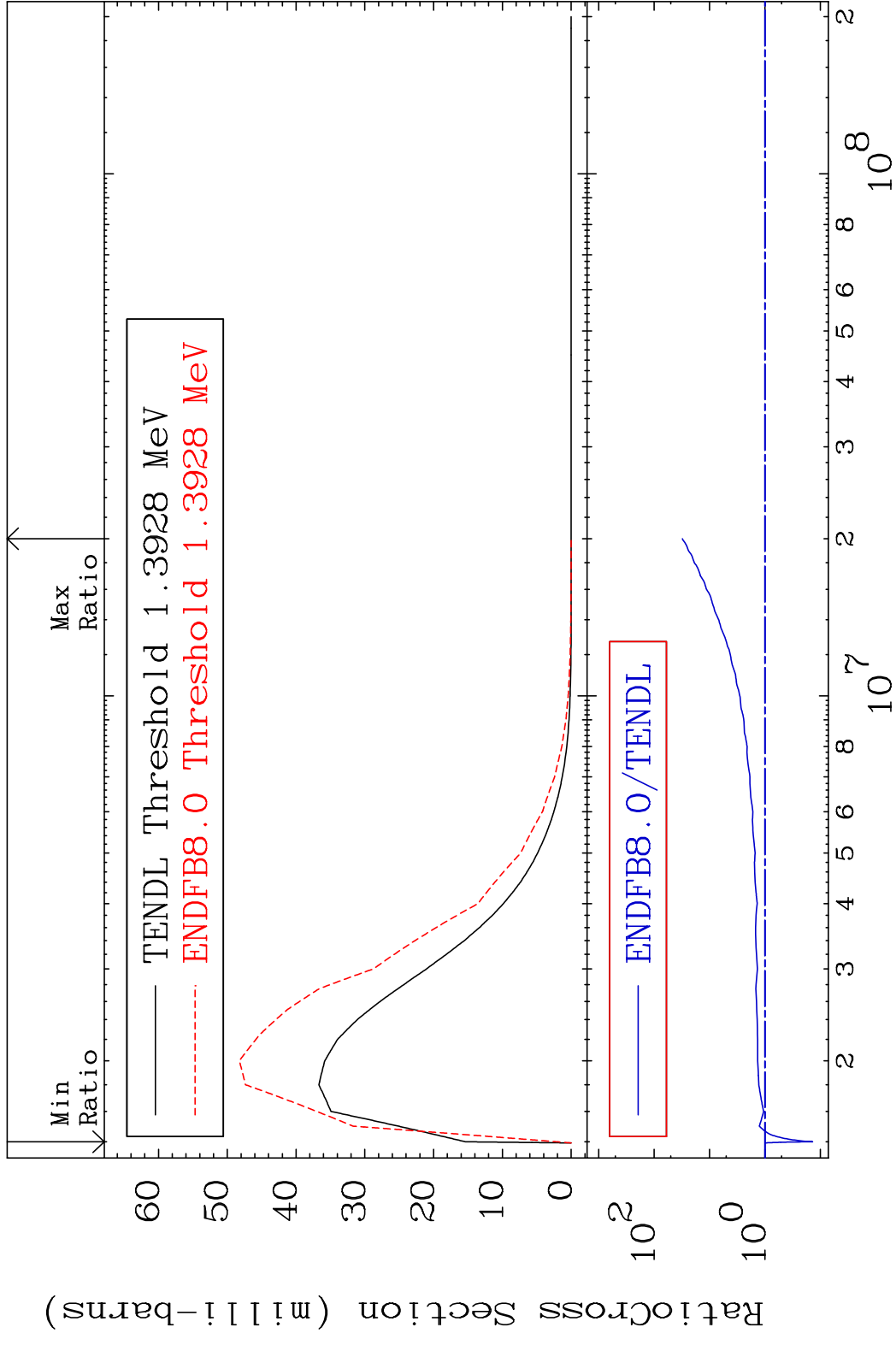
MAT 2722 MT= 65 (n, n') Level 27-Co-58
 Cross Section -67.25 To 1061. %



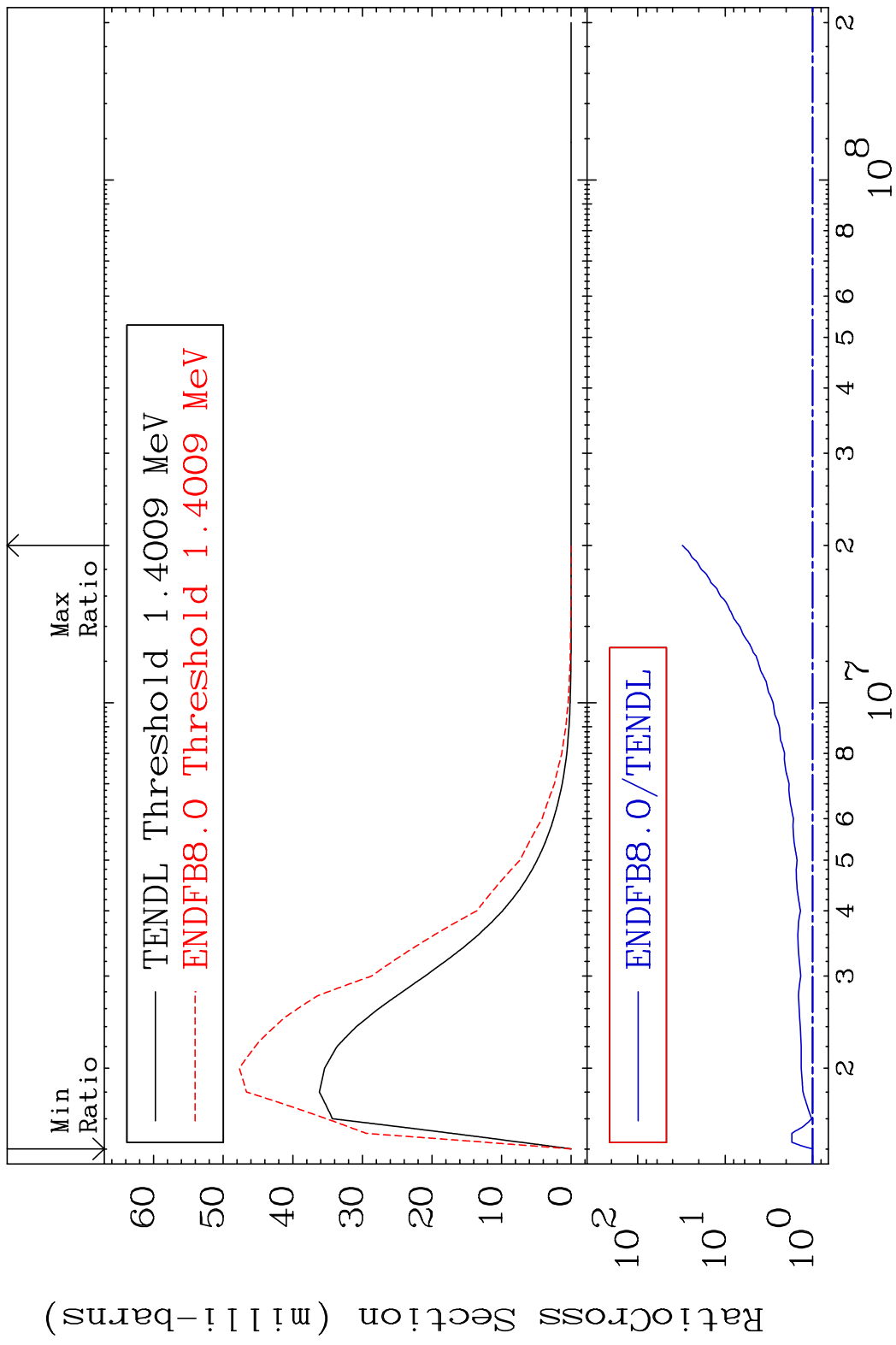
MAT 2722 MT= 66 (n, n') Level 27-Co-58
 Cross Section -99.15 To 7.362 %



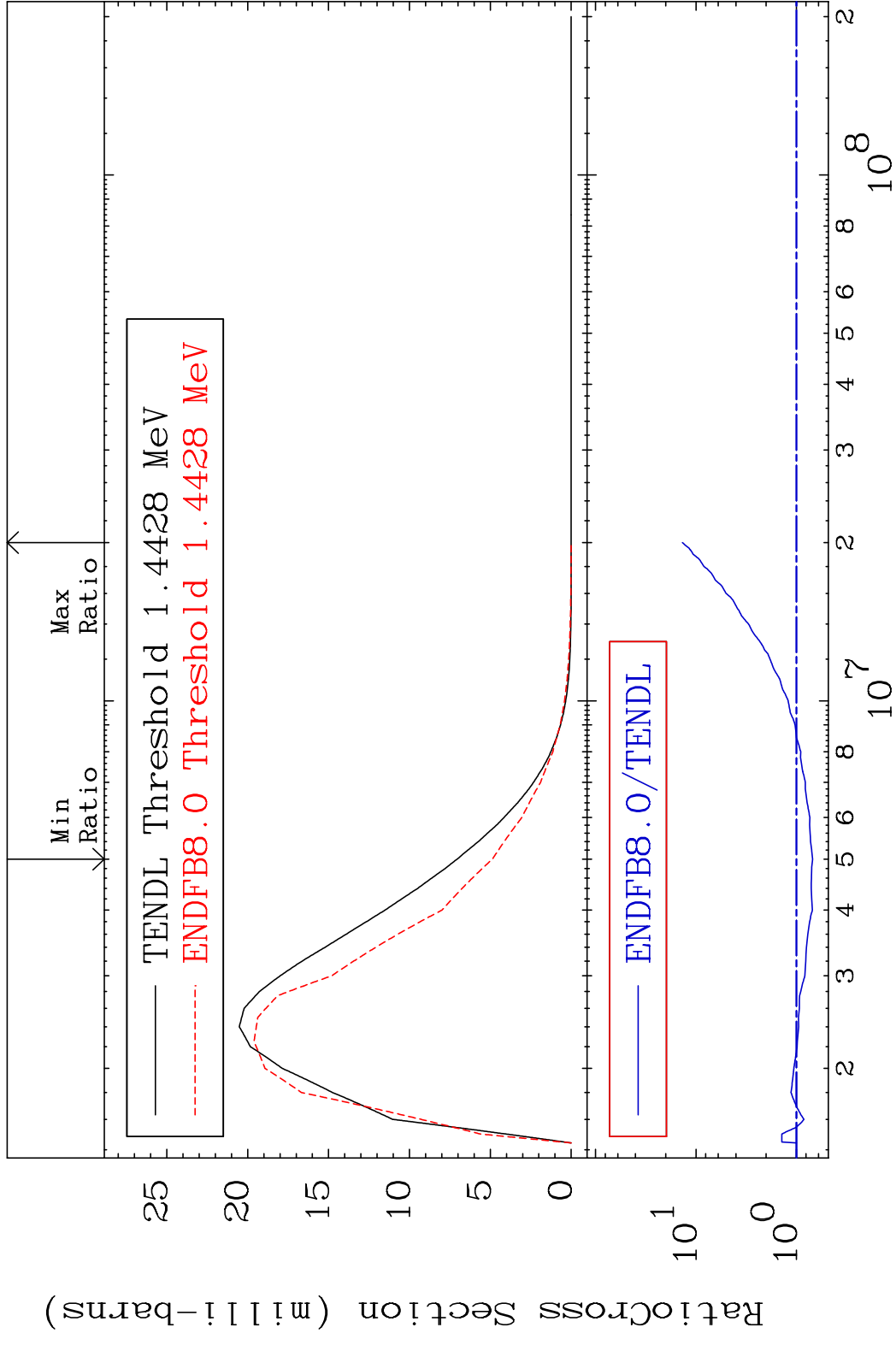
MAT 2722 MT= 67 (n, n') Level 27-Co-58
 Cross Section -86.21 To 2991. %



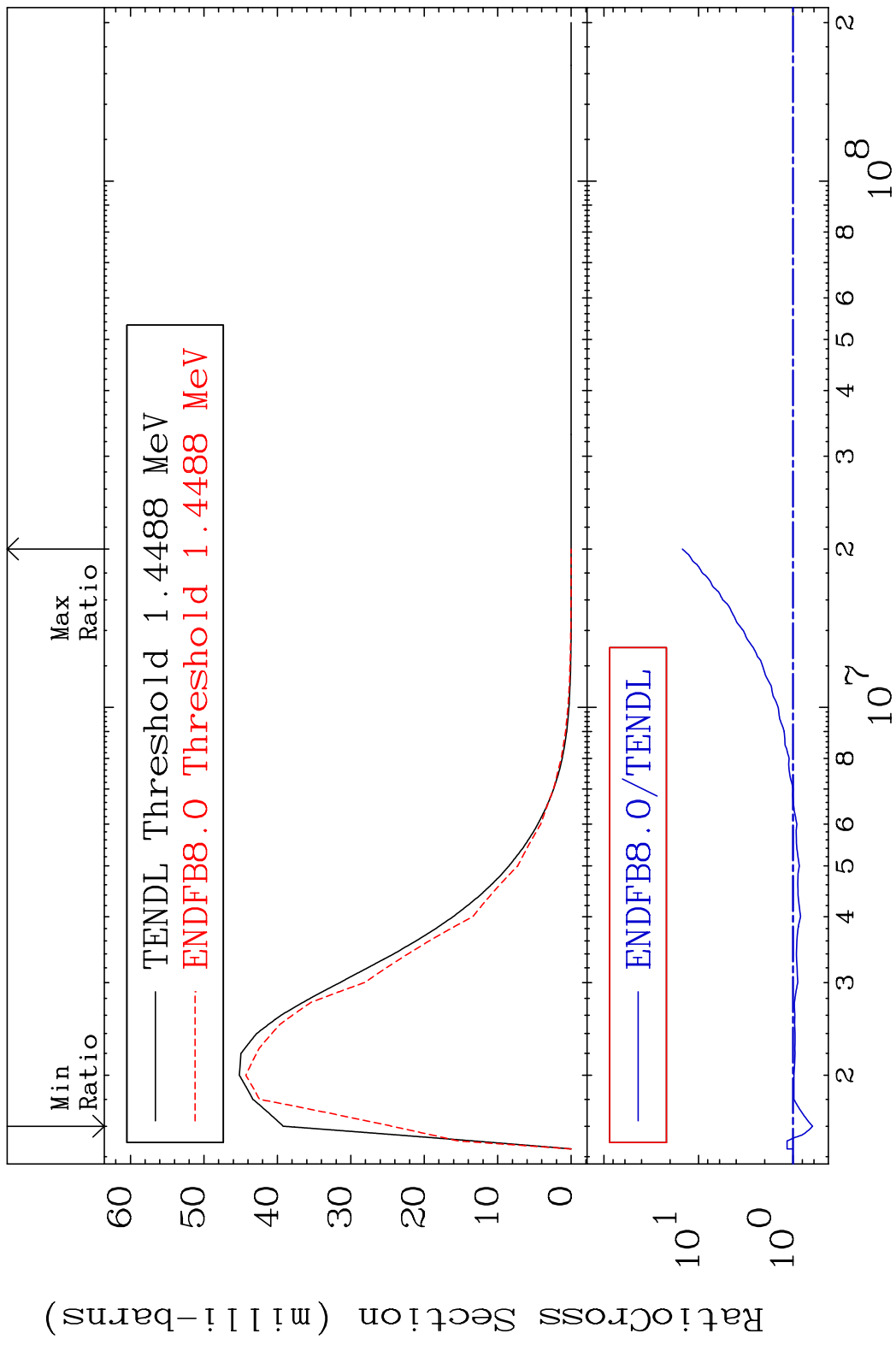
MAT 2722 MT= 68 (n, n') Level 27-Co-58
 Cross Section 0.000 To 2991. %



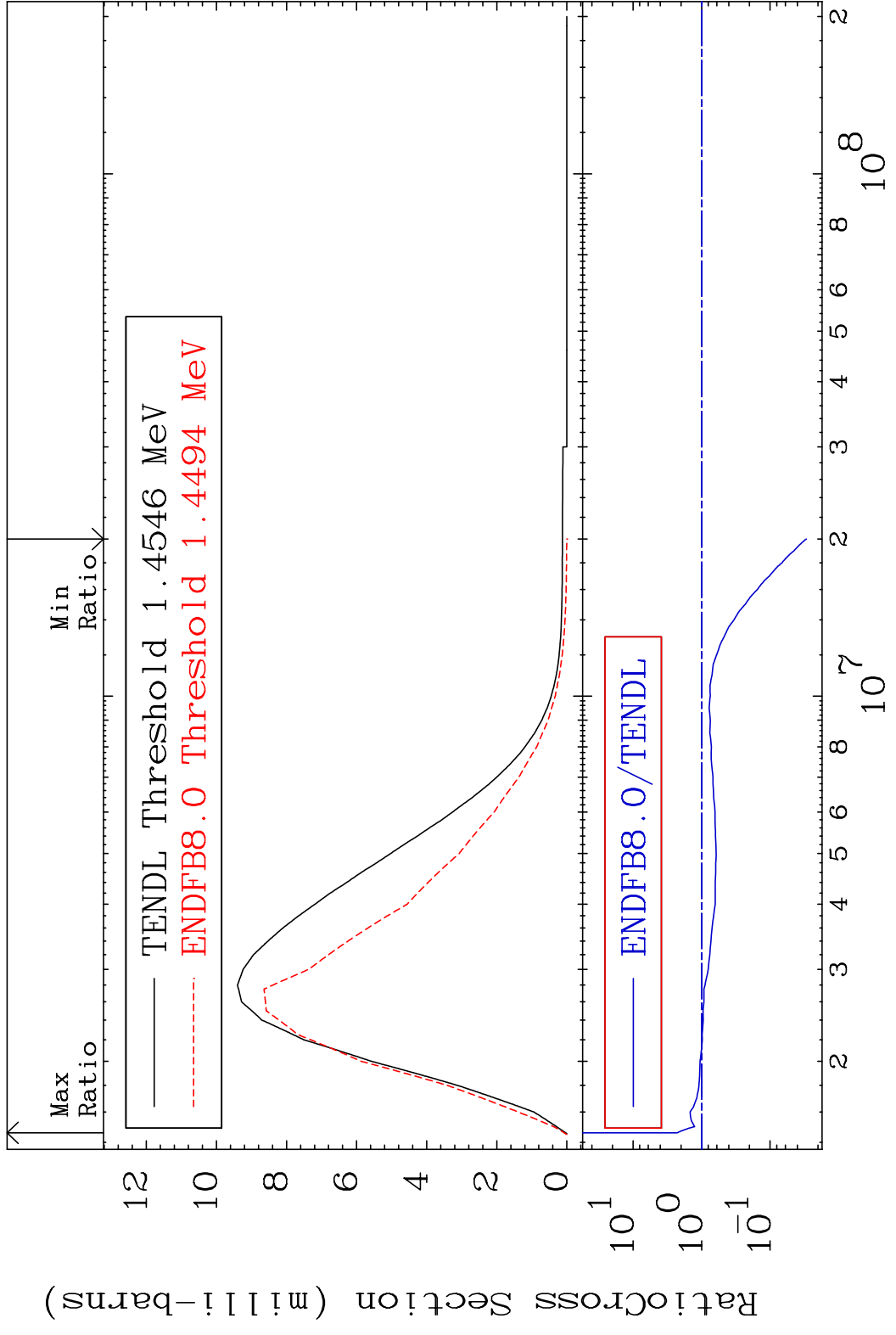
MAT 2722 MT= 69 (n, n') Level 27-Co-58
 Cross Section -31.01 To 1266. %



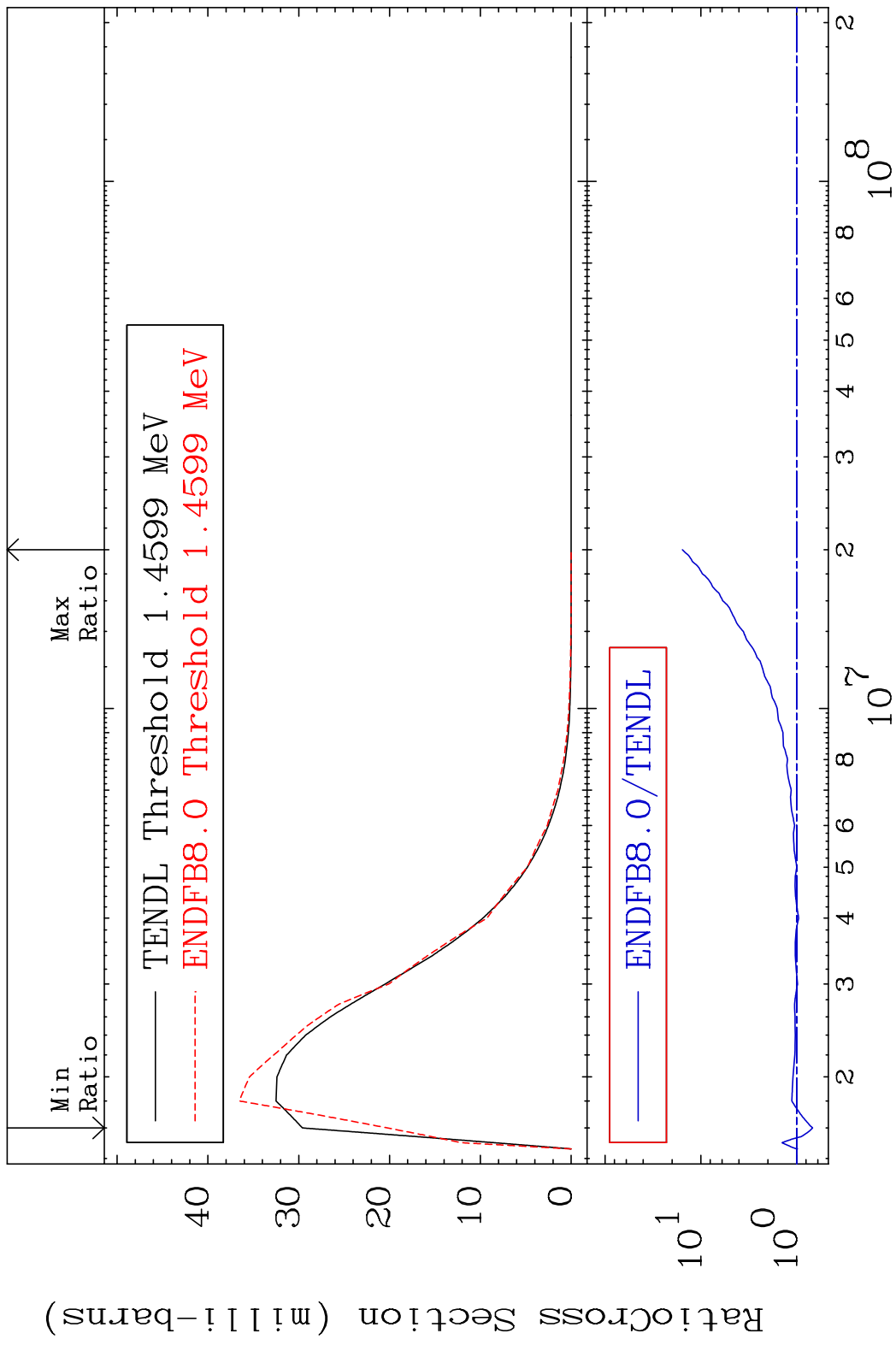
MAT 2722 MT= 70 (n, n') Level 27-Co-58
 Cross Section -37.75 To 1382. %



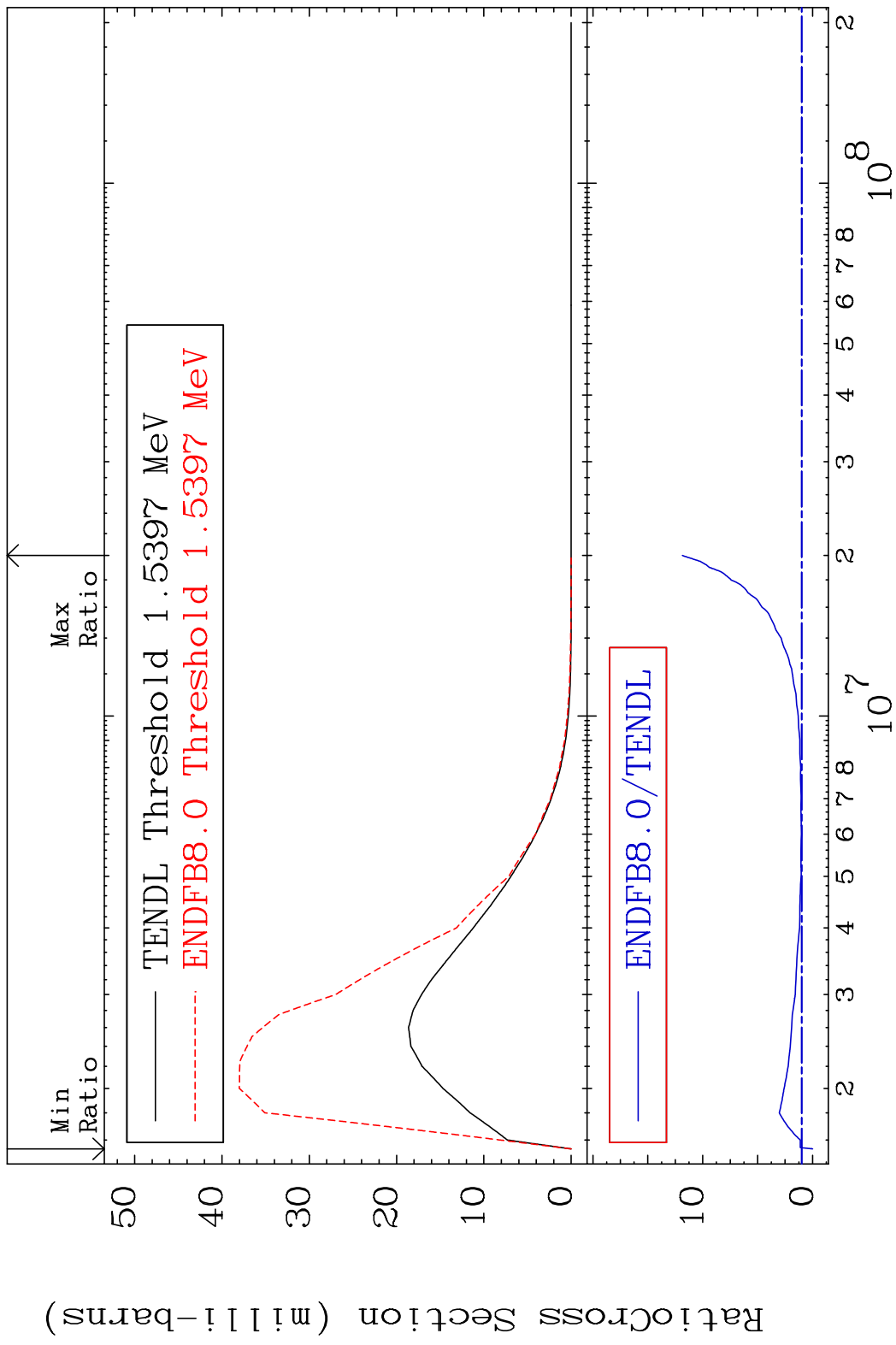
MAT 2722 MT= 71 (n,n') Level 27-Co-58
 Cross Section -97.05 To 127.2 %



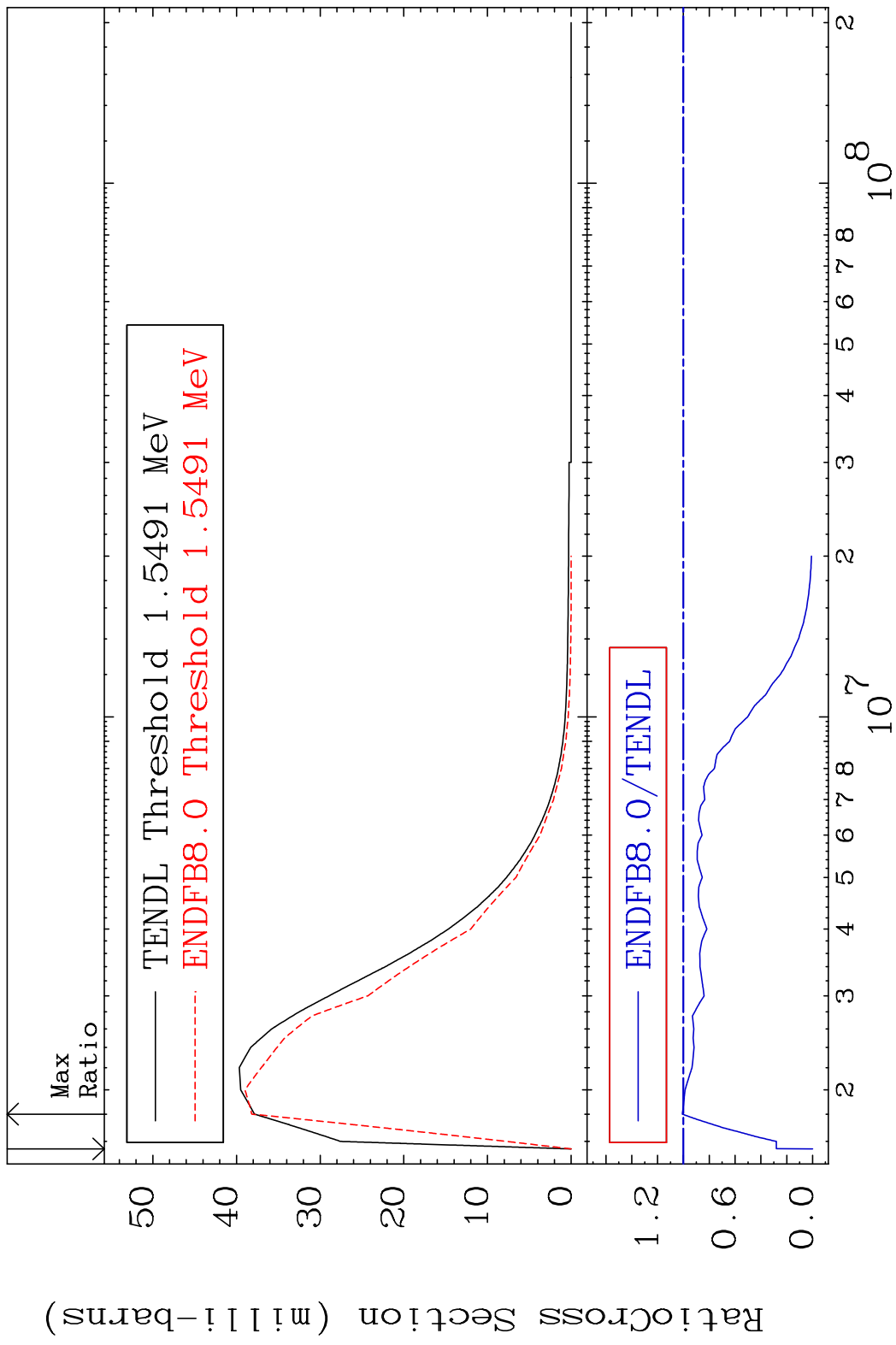
MAT 2722 MT= 72 (n, n') Level 27-Co-58
 Cross Section -31.68 To 1461. %



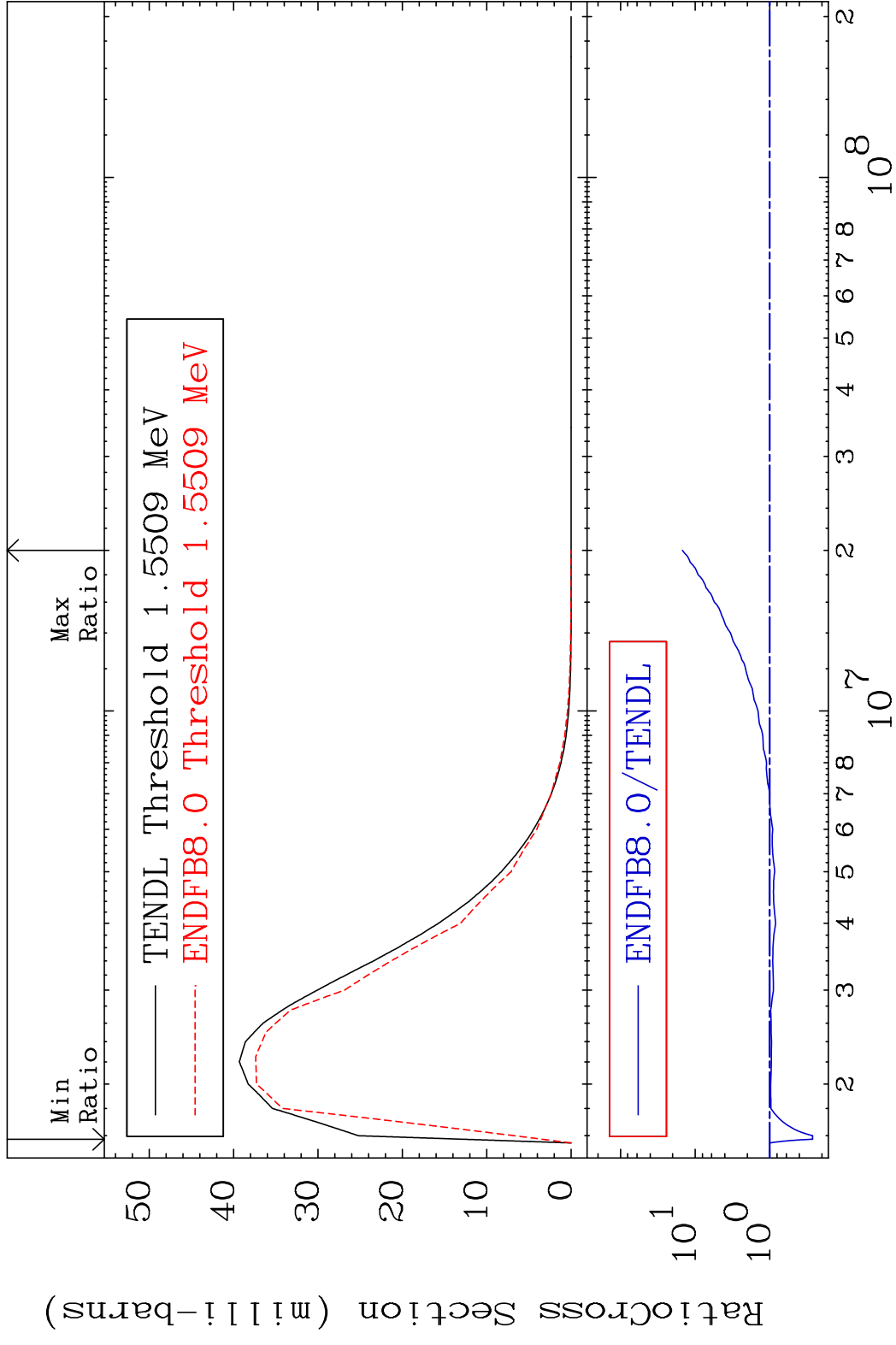
MAT 2722 MT= 73 (n, n') Level 27-Co-58
 Cross Section -100.0 To 1085. %



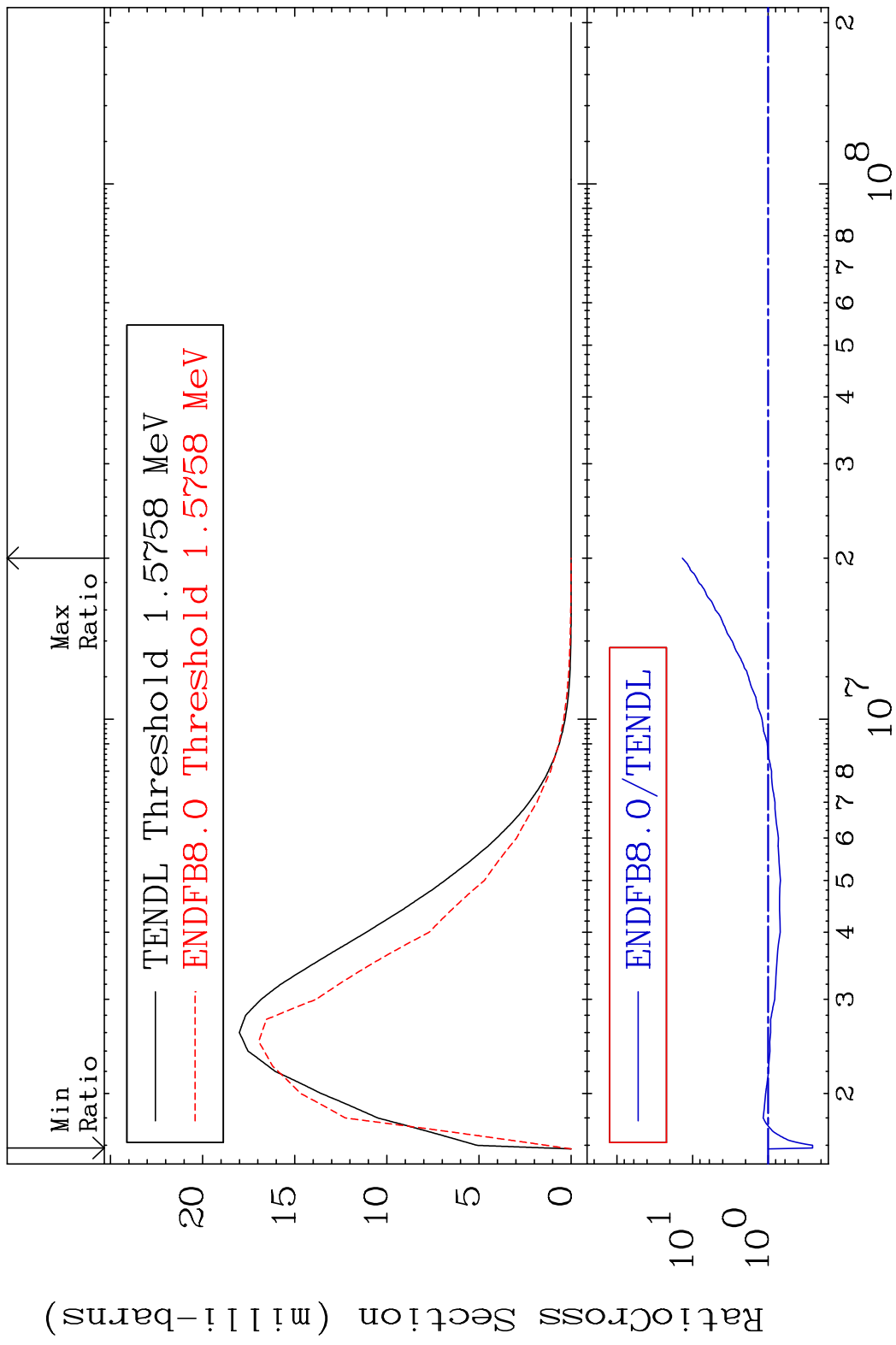
MAT 2722 MT= 74 (n, n') Level 27-Co-58
 Cross Section -100.0 To 0.814 %



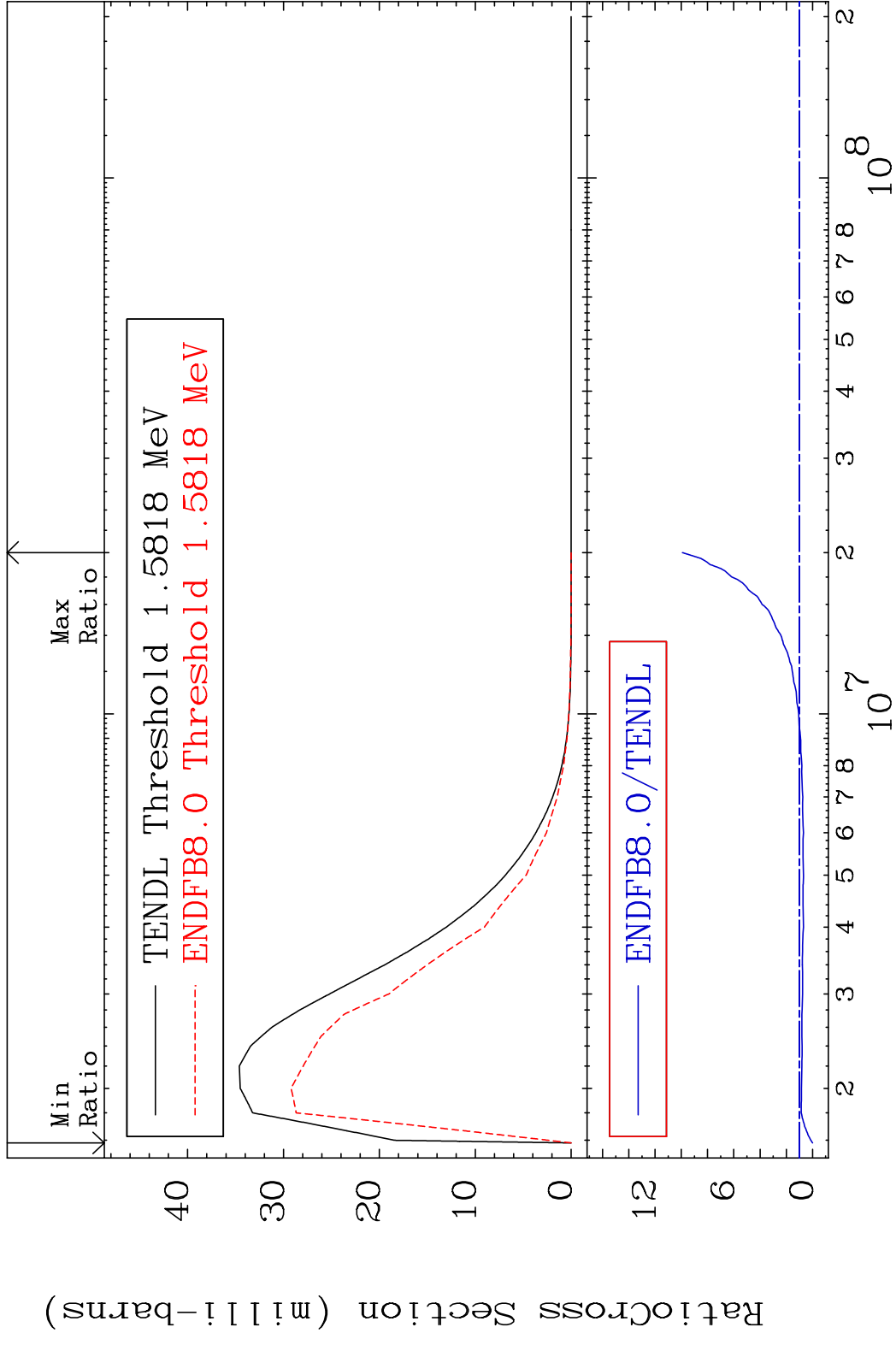
MAT 2722 MT= 75 (n, n') Level 27-Co-58
 Cross Section -73.27 To 1383. %



MAT 2722 MT= 76 (n, n') Level 27-Co-58
 Cross Section -74.07 To 1267. %



MAT 2722 MT= 77 (n, n') Level 27-Co-58
 Cross Section -100.0 To 892.1 %

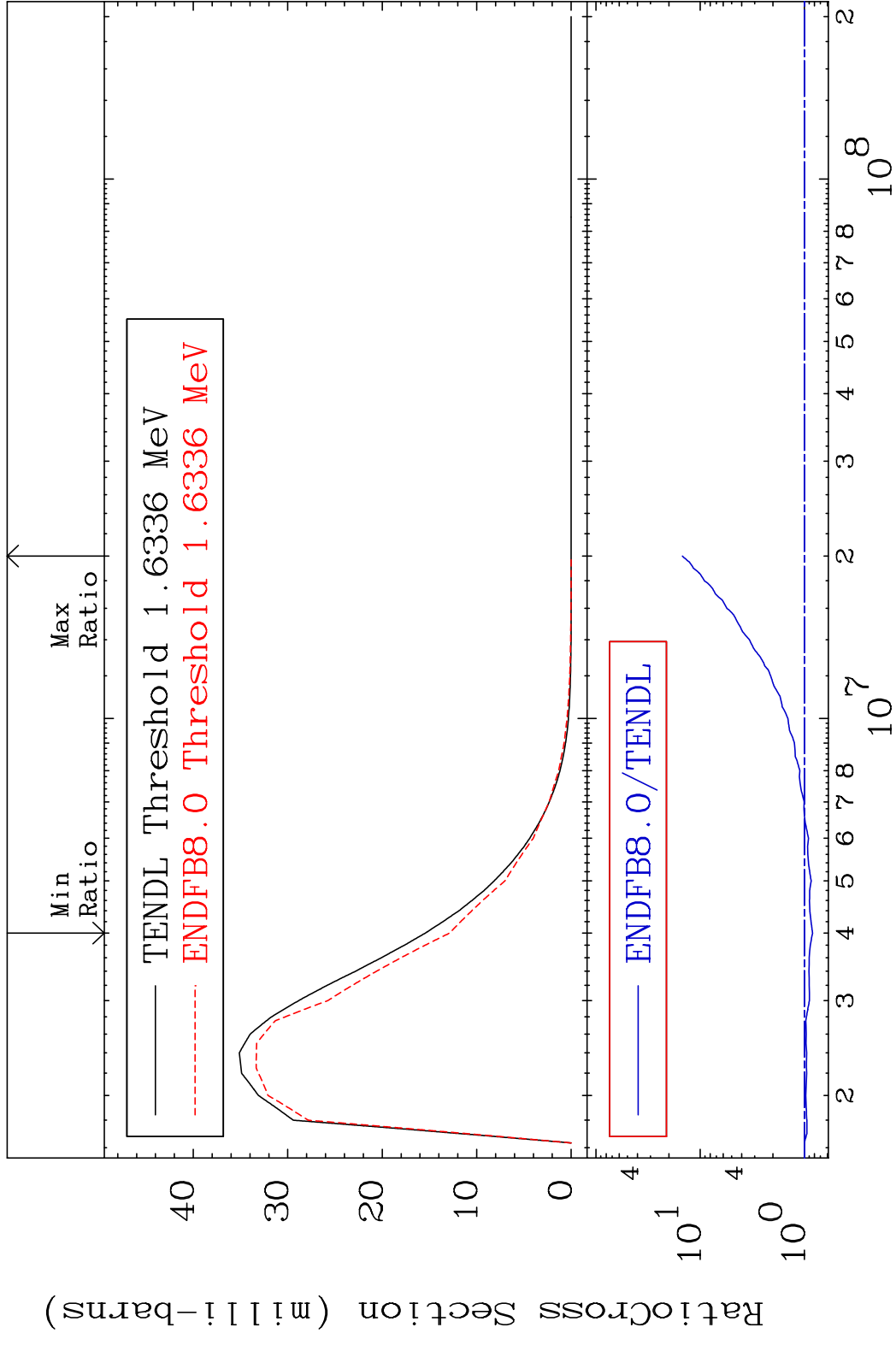


MAT 2722

MT= 78 (n, n') Level

27-Co-58

Cross Section -16.62 To 1384. %

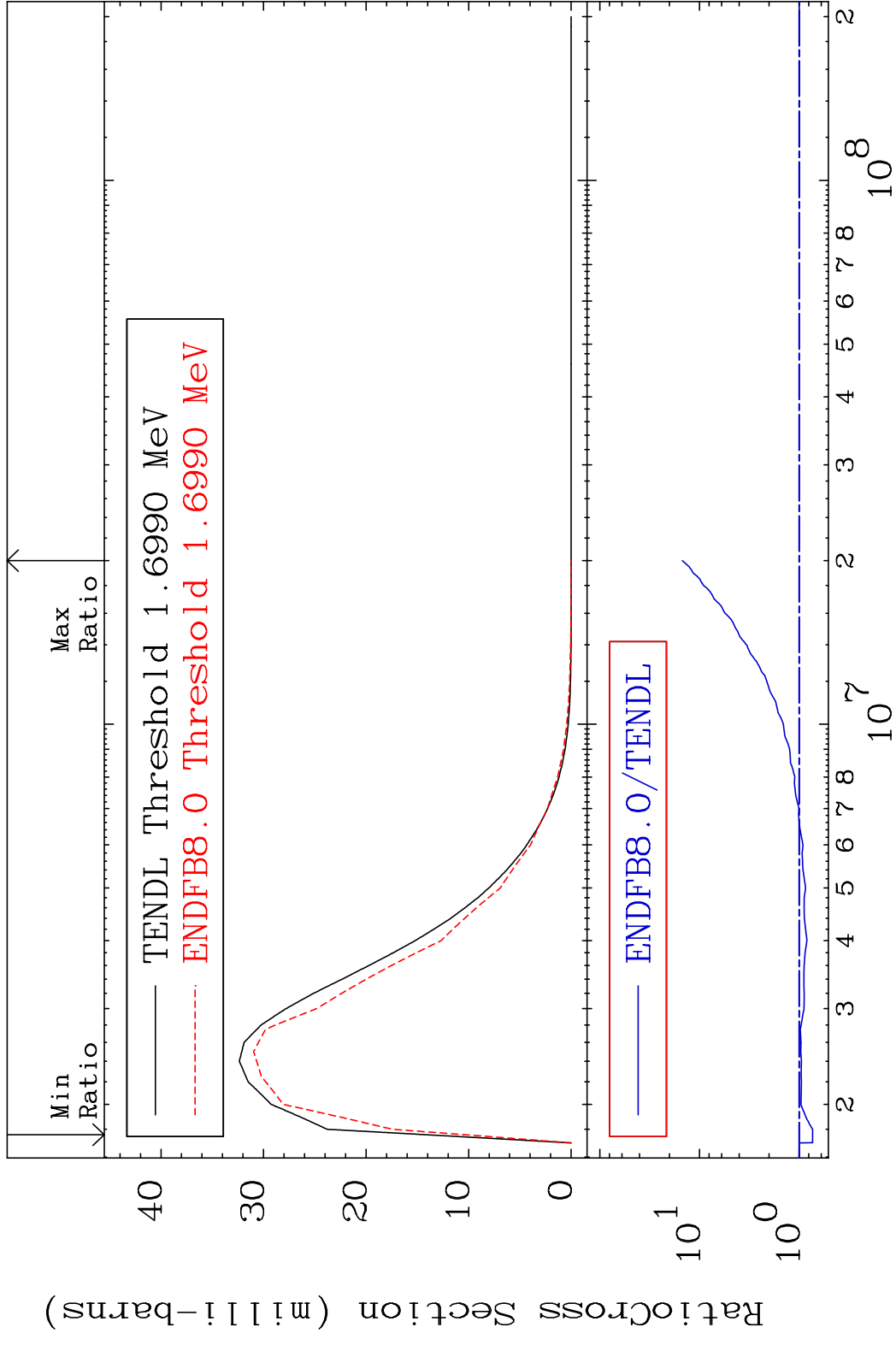


MAT 2722

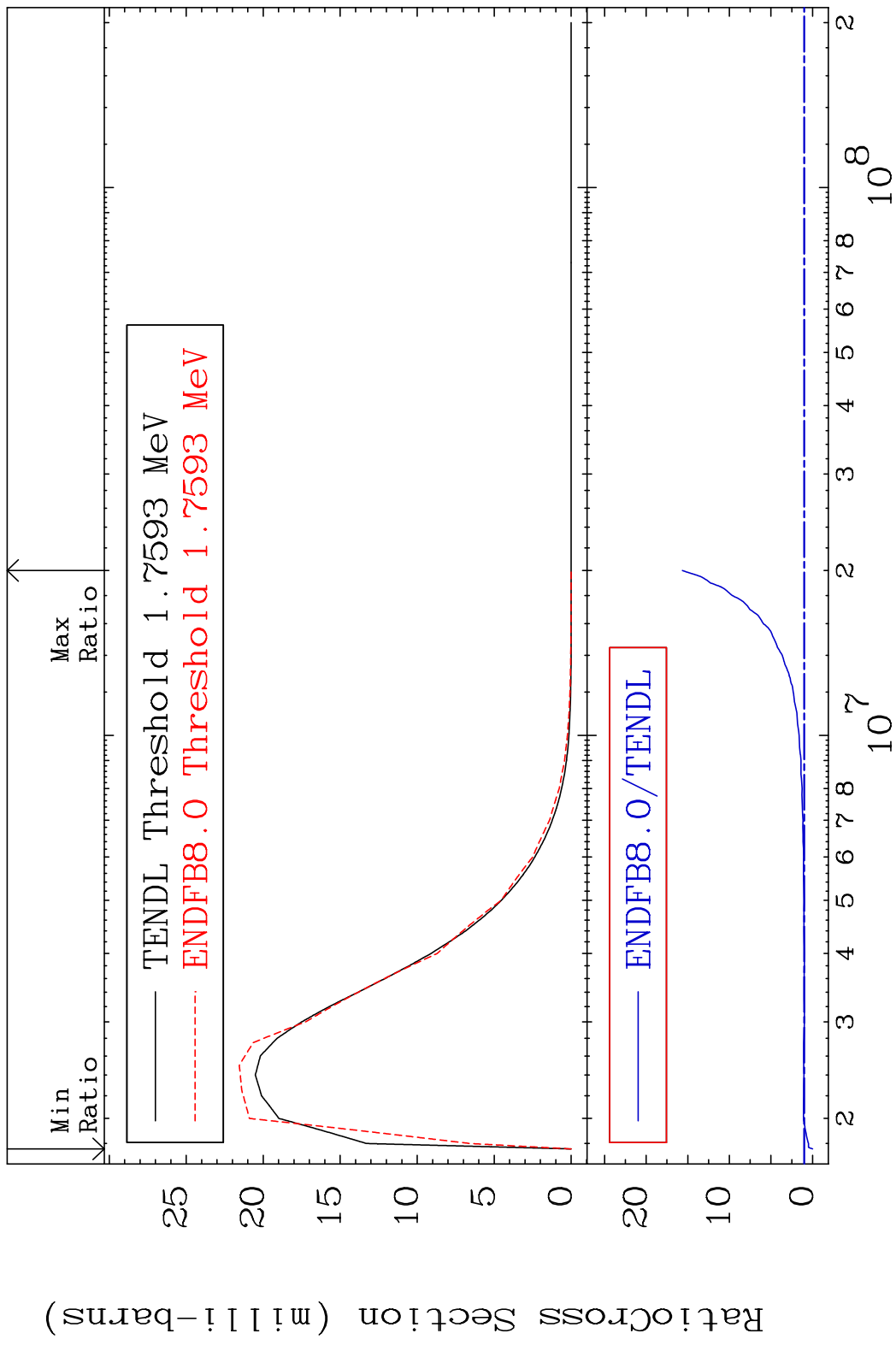
MT= 79 (n, n') Level

27-Co-58

Cross Section -26.72 To 1384. %



MAT 2722 MT= 80 (n, n') Level 27-Co-58
 Cross Section -100.0 To 1465. %

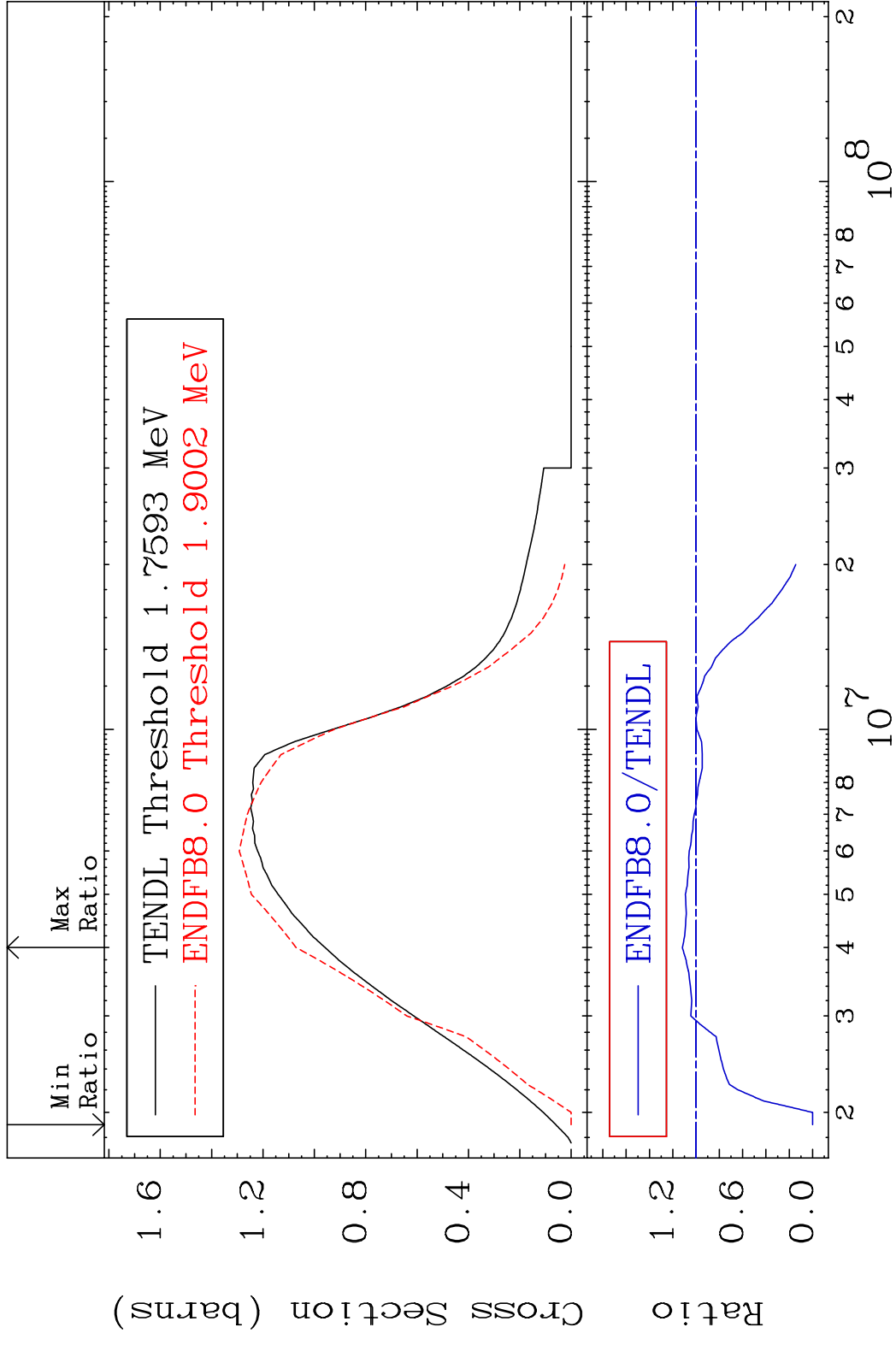


MAT 2722

(n, n') Continuum

27-Co-58

Cross Section -100.0 To 11.77 %



40

Incident Energy (eV)

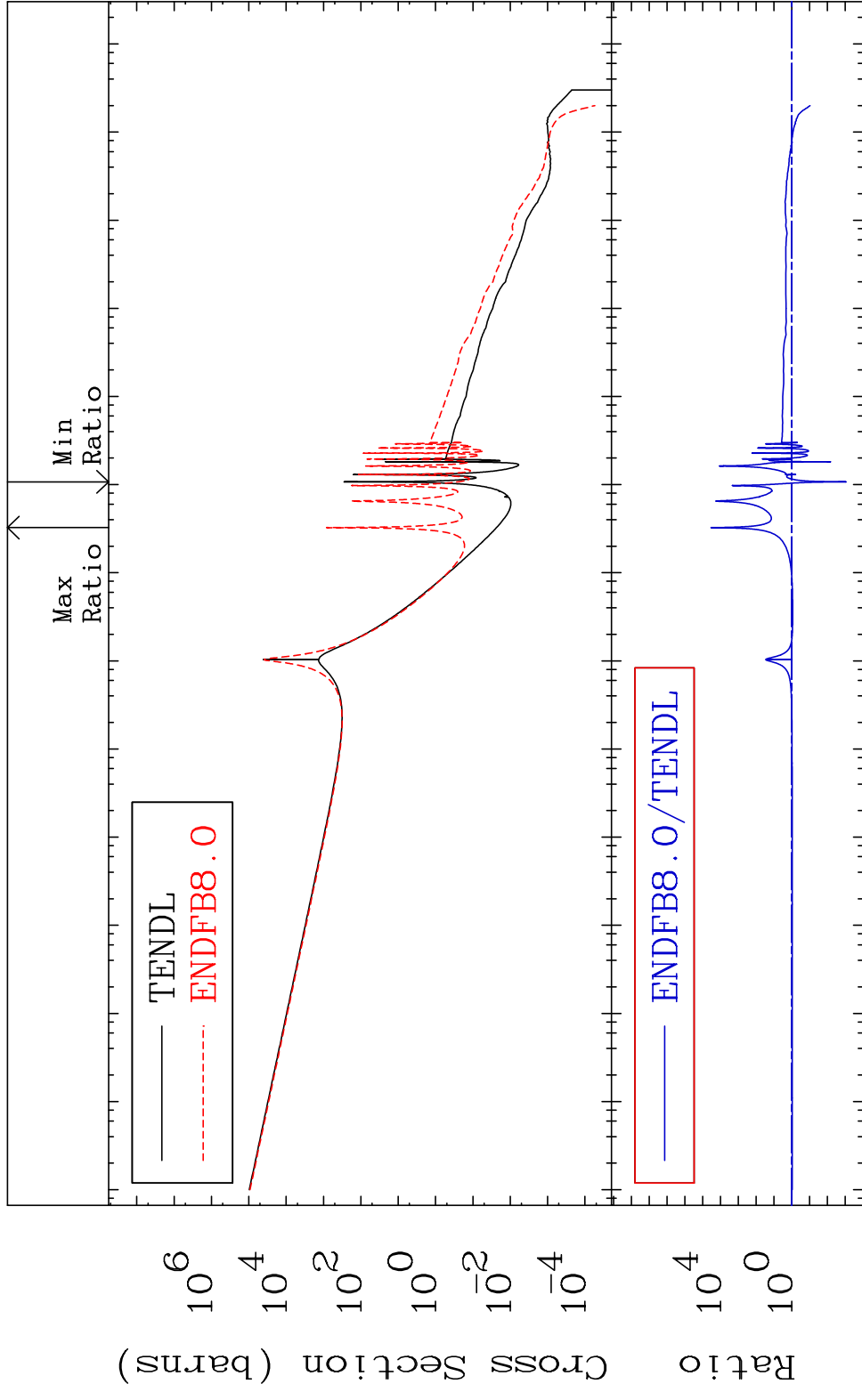
27-Co-58

MAT 2722

27-Co-58

(n, γ)

Cross Section -99.91 To 9999. %

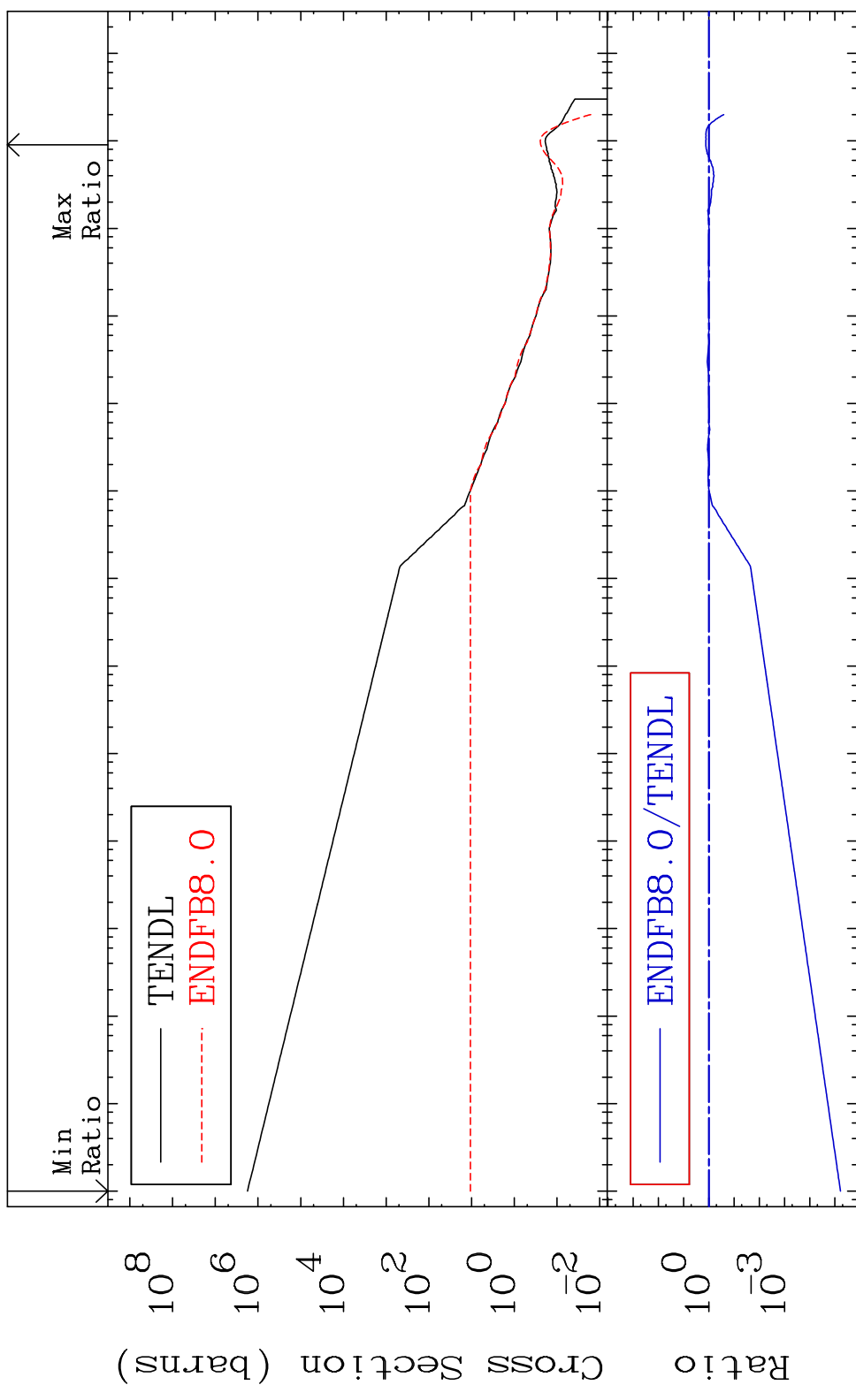


MAT 2722

(n, p)

27-Co-58

Cross Section -100.0 To 32.56 %

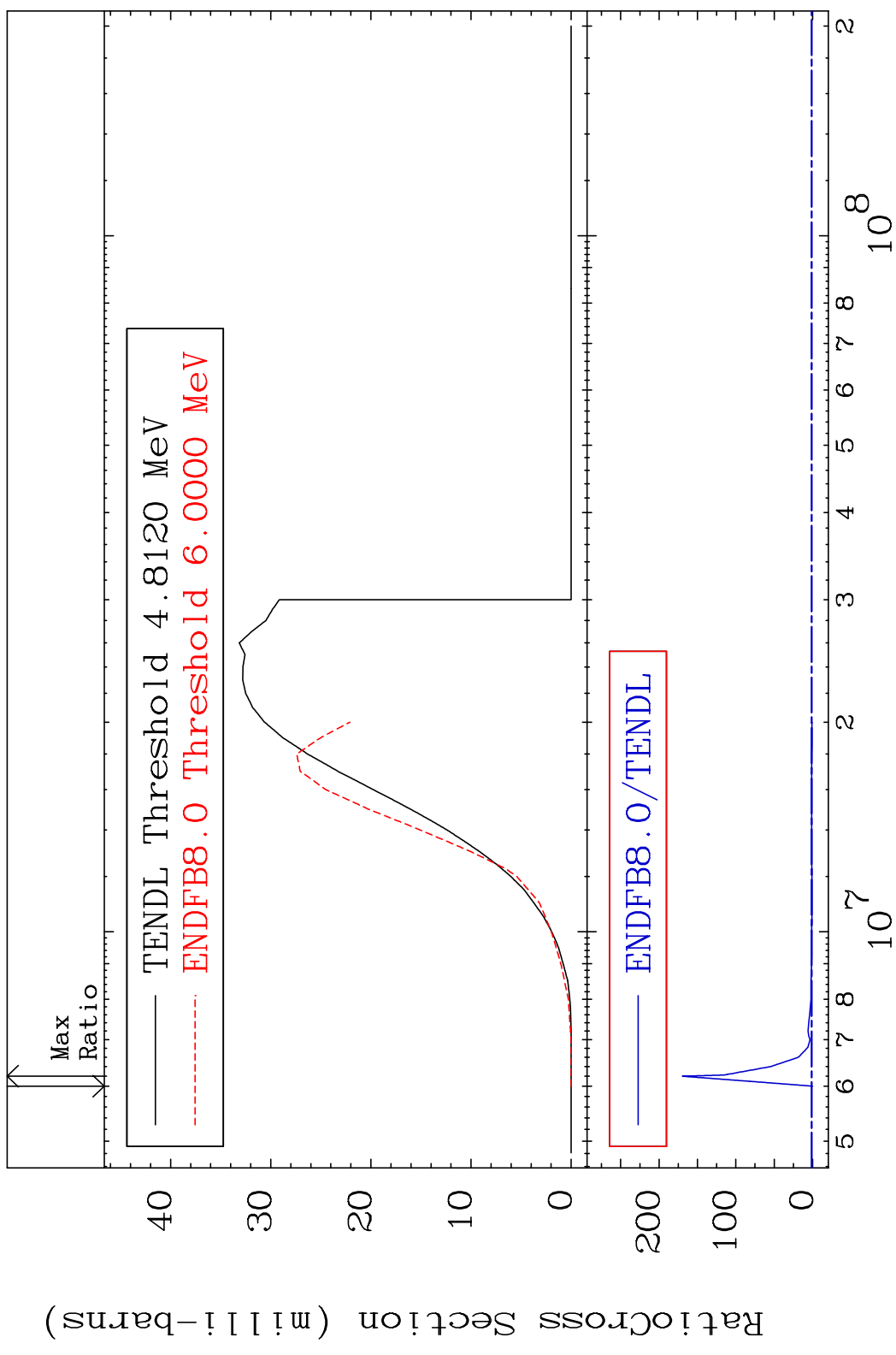


MAT 2722

(n, d)

27-Co-58

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

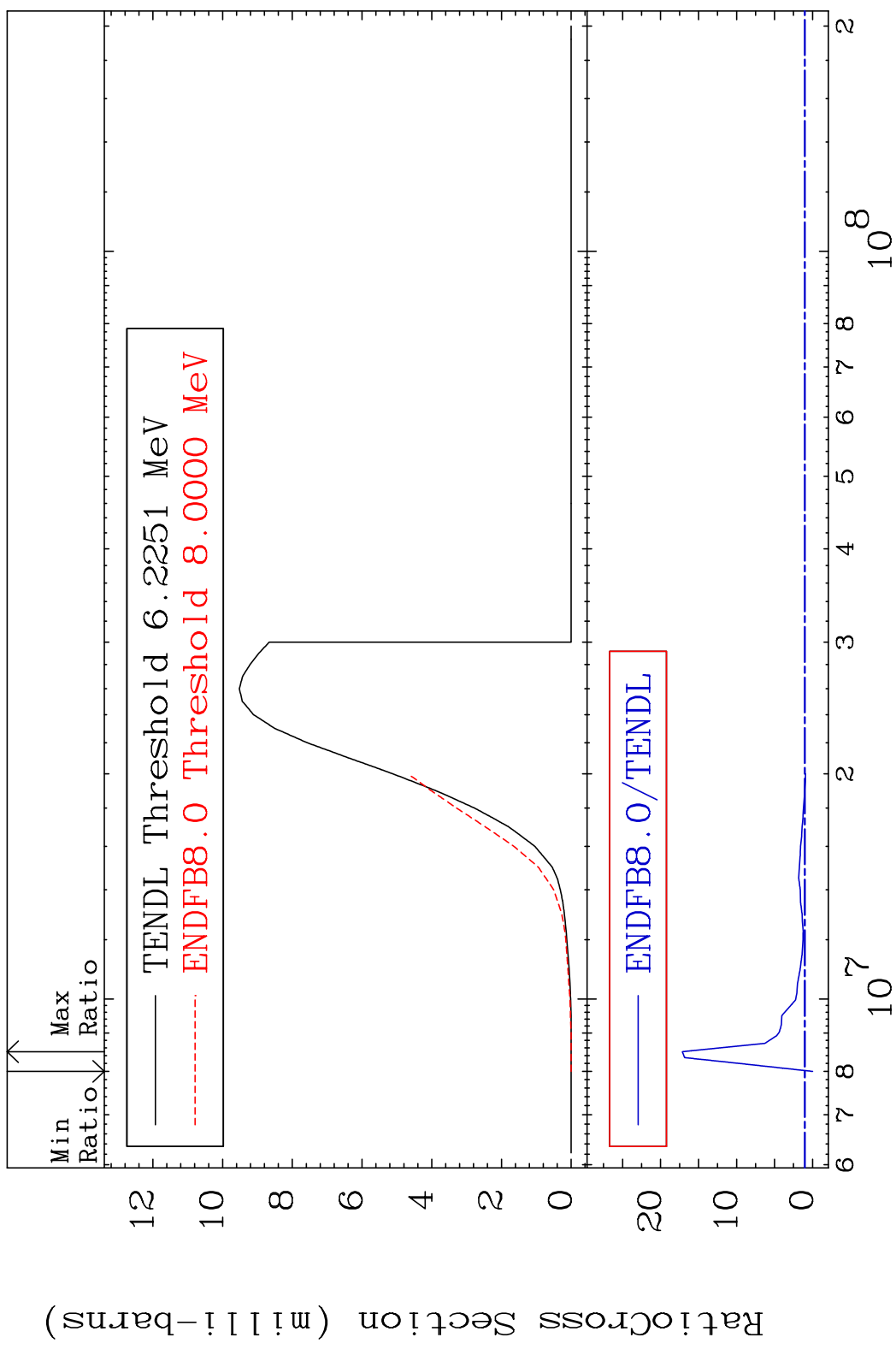
27-Co-58

MAT 2722

(n, t)

27-Co-58

Cross Section -100.0 To 1613. %



44

Incident Energy (eV)

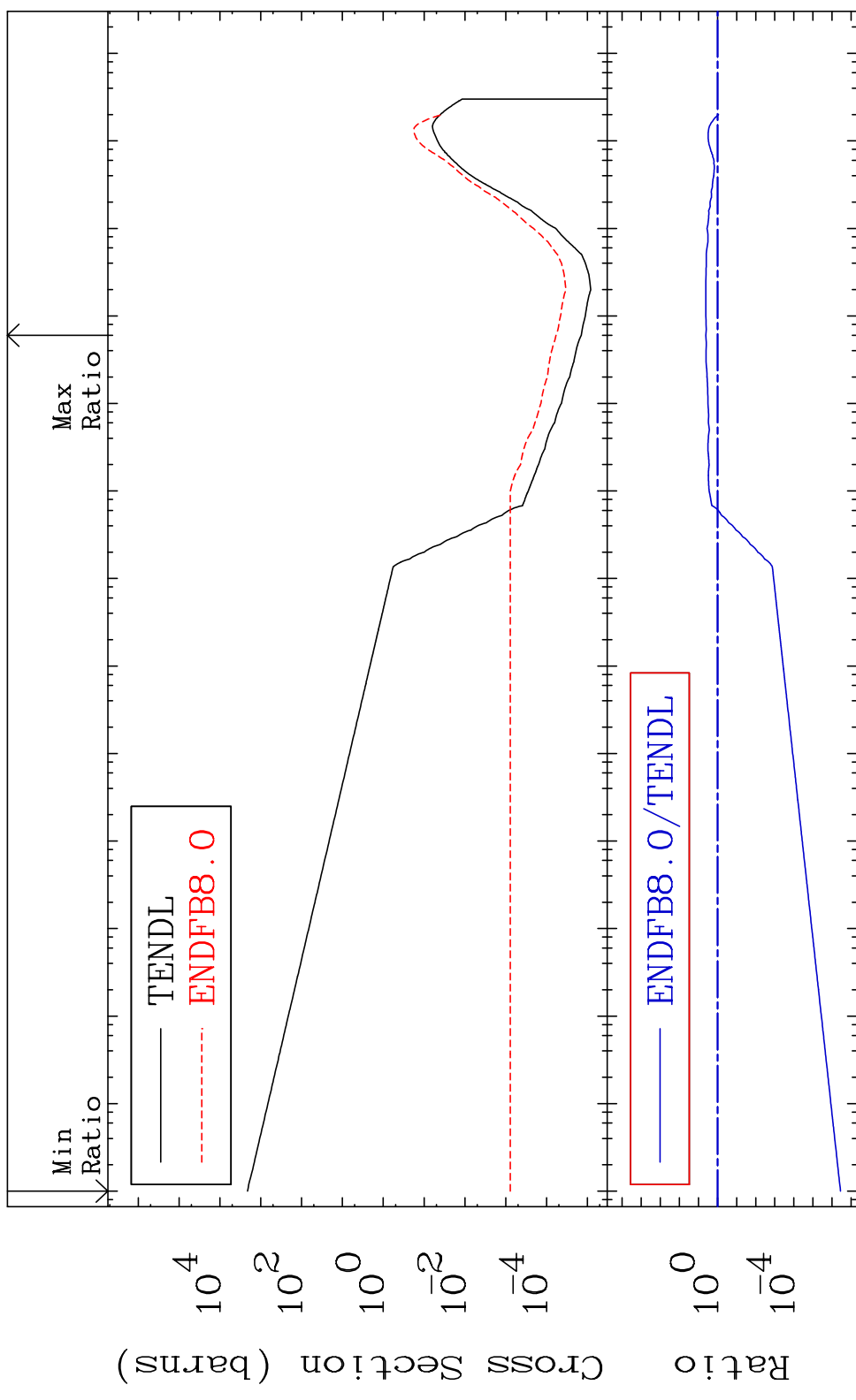
27-Co-58

MAT 2722

(n, α)

27-Co-58

Cross Section -100.0 To 311.8 %

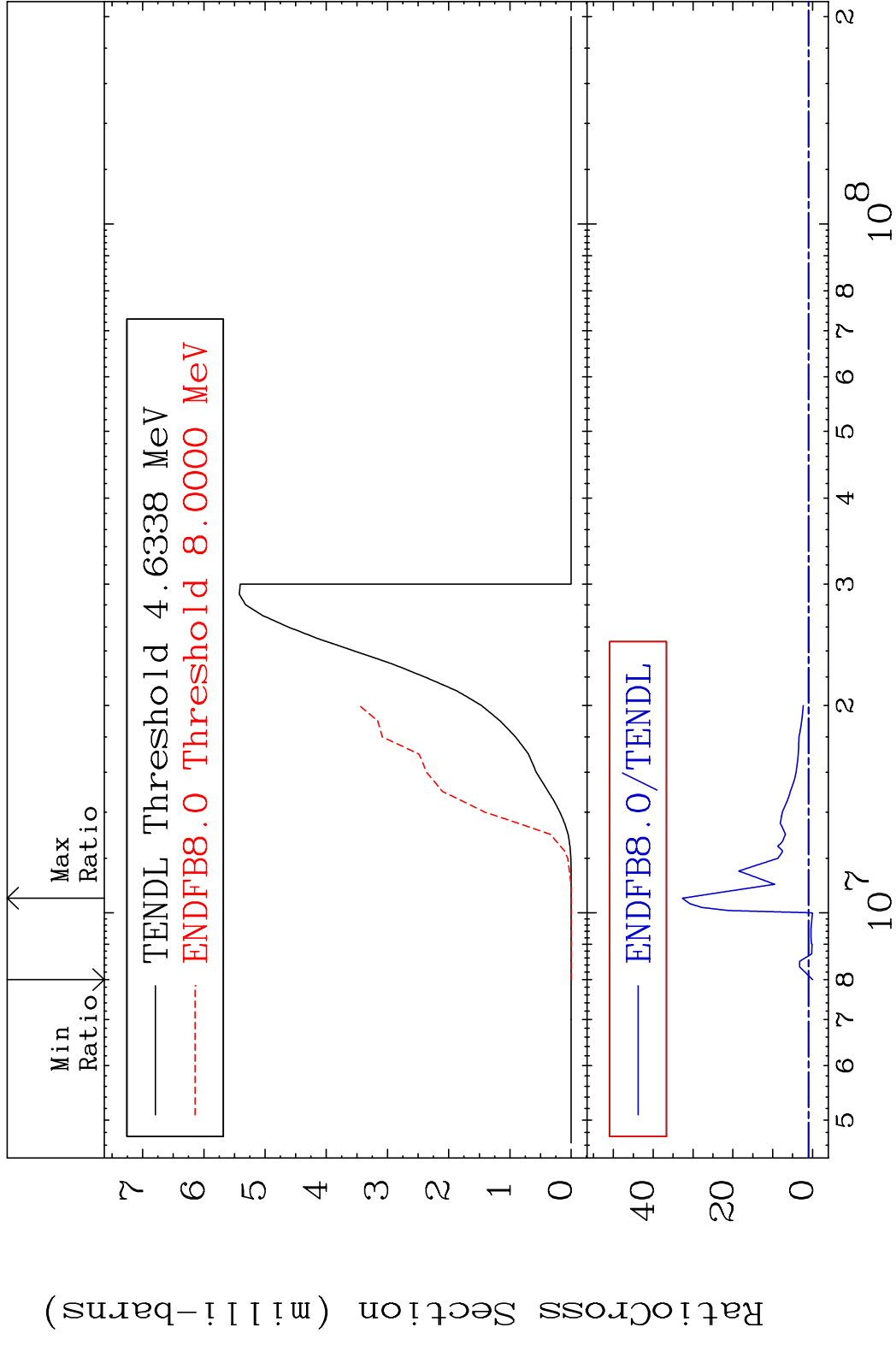


MAT 2722

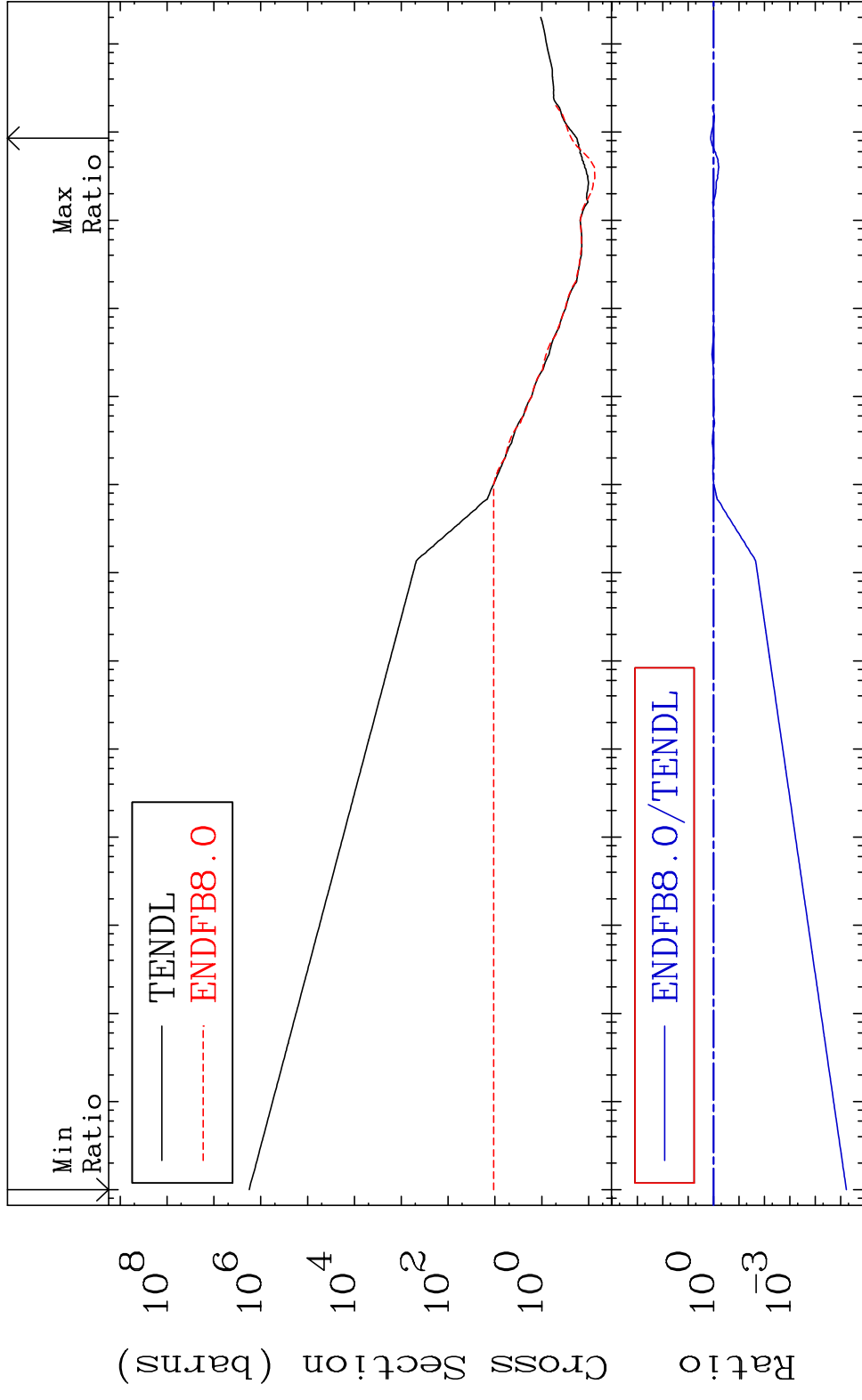
(n,p) α

27-Co-58

Cross Section -100.0 To 3169. %



MAT 2722 Hydrogen Production 27-Co-58
 Cross Section -100.0 To 30.30 %

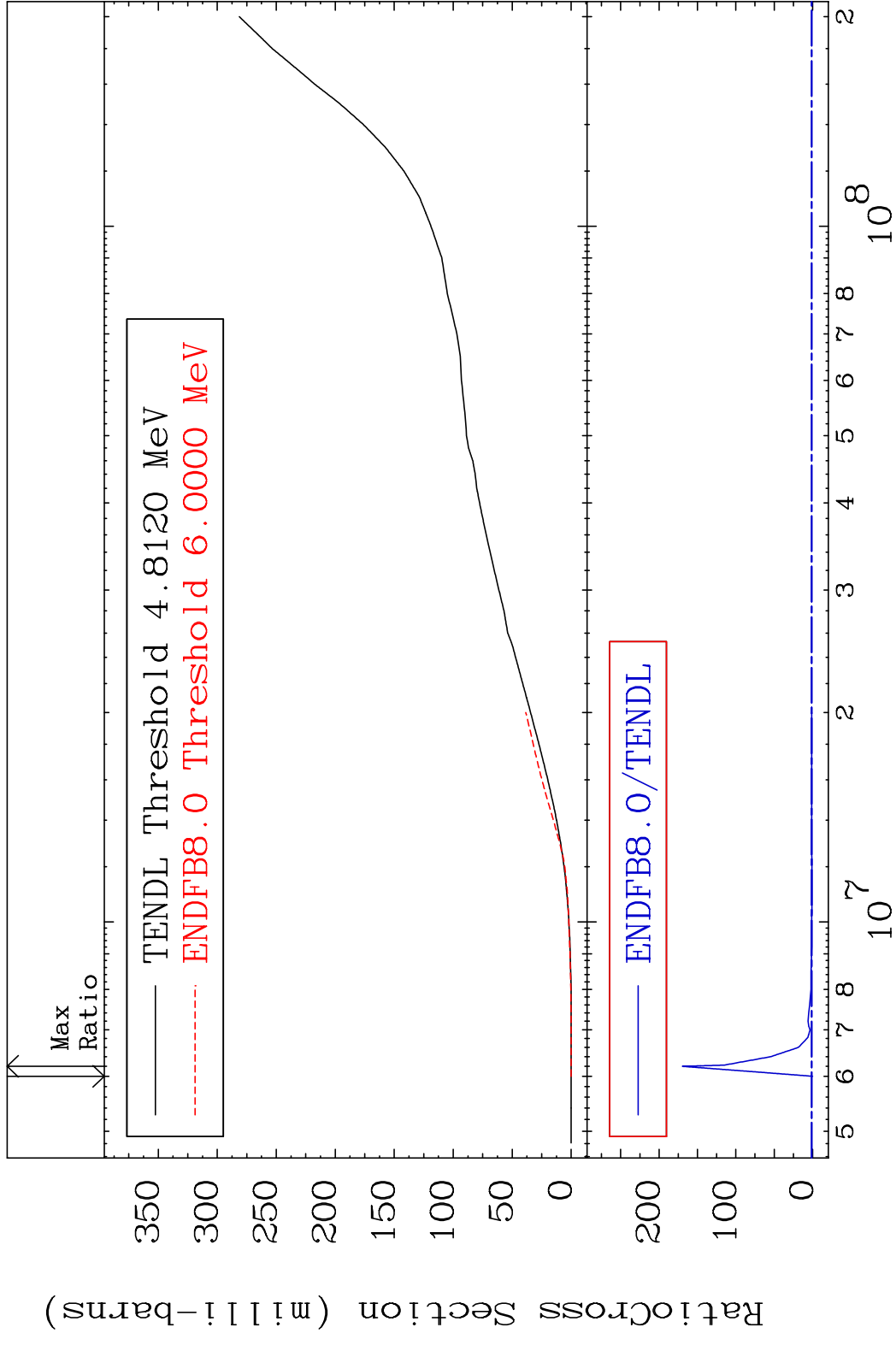


47 Incident Energy (eV) 27-Co-58

MAT 2722

Deuterium Production 27-Co-58

Cross Section -100.0 To 9999. %



48

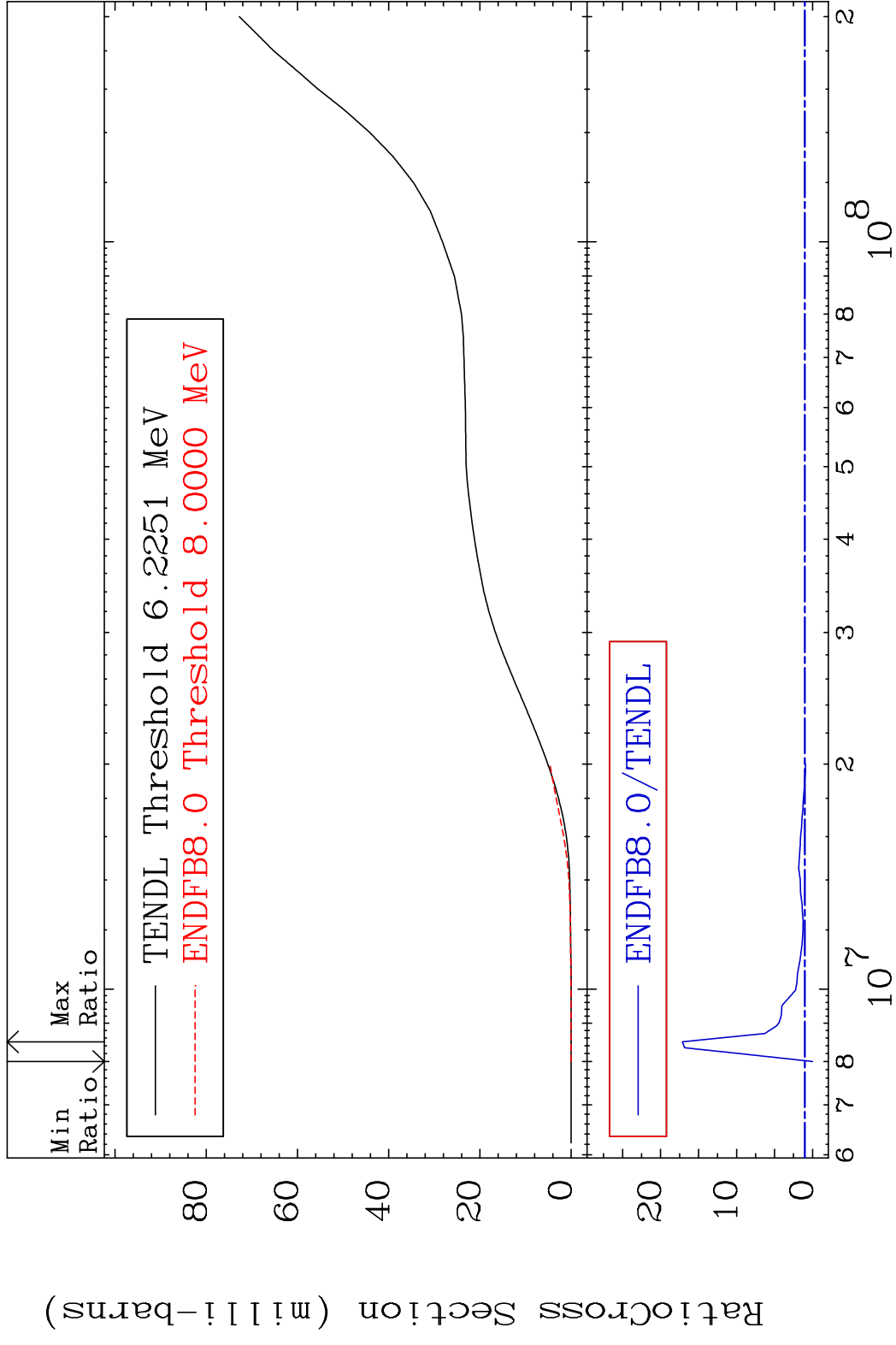
Incident Energy (eV)

27-Co-58

MAT 2722

Tritium Production 27-Co-58

Cross Section -100.0 To 1613. %



49

Incident Energy (eV)

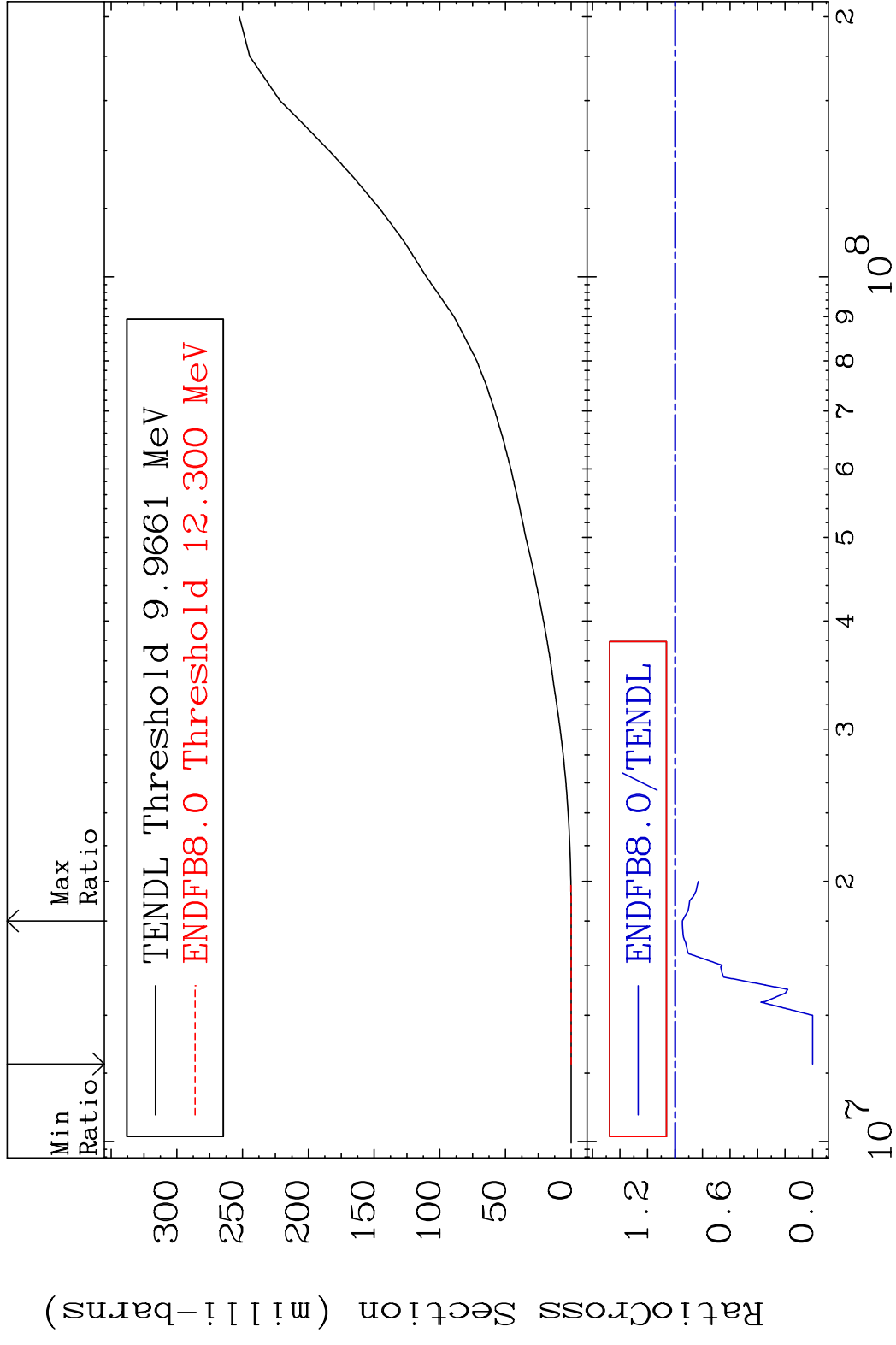
27-Co-58

MAT 2722

He-3 Production

27-Co-58

Cross Section -100.0 To -5.339%



50

Incident Energy (eV)

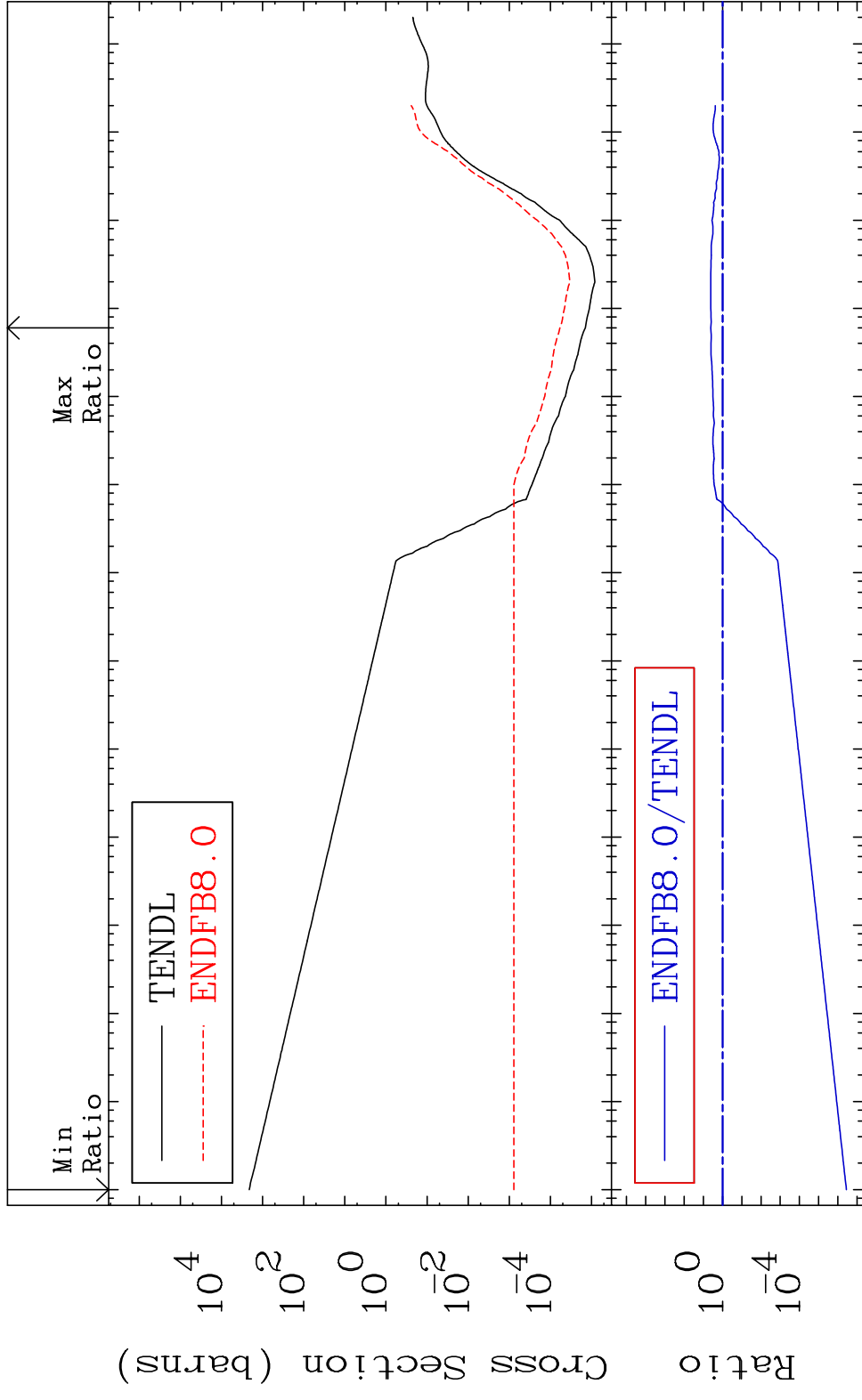
27-Co-58

MAT 2722

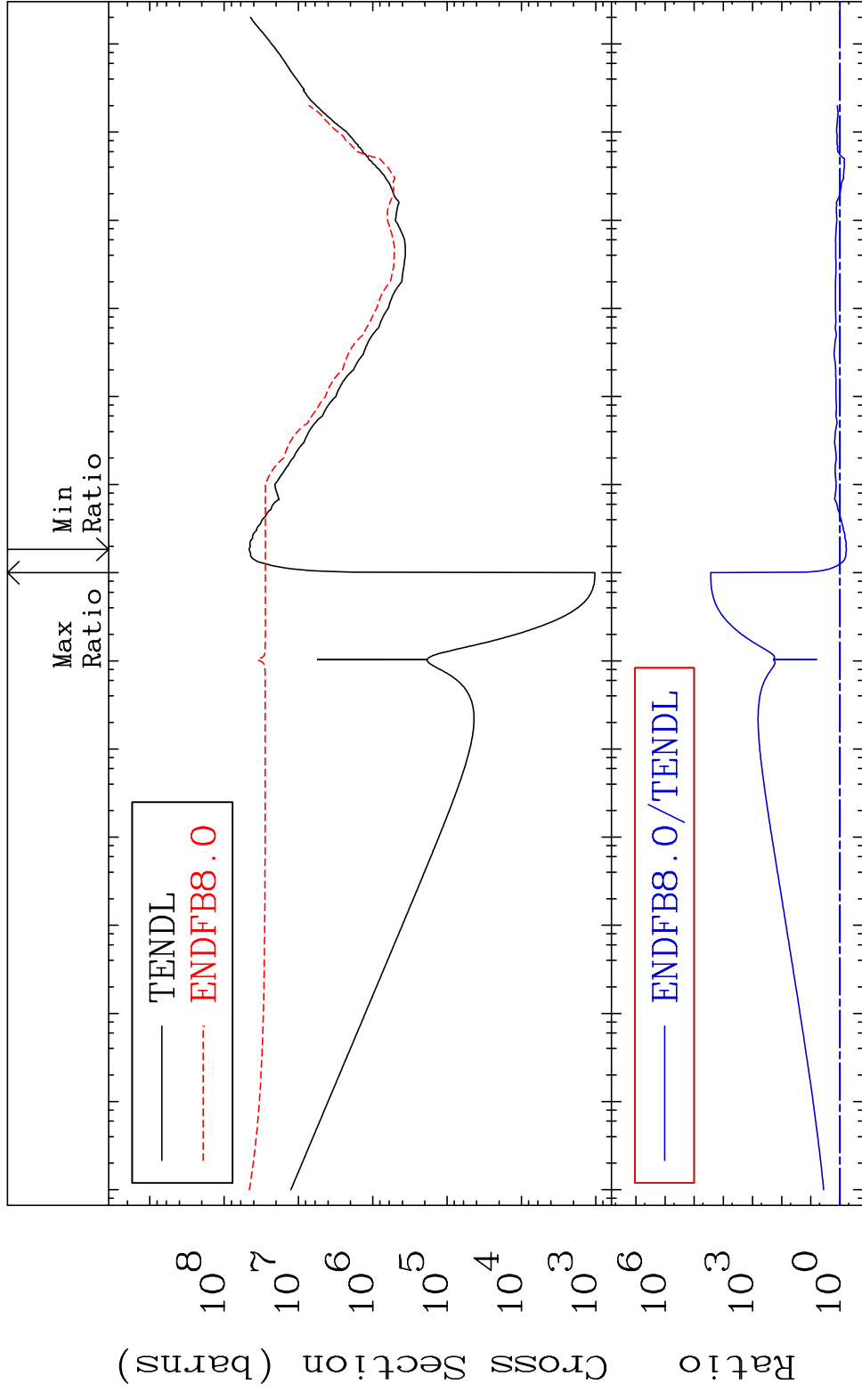
He-4 Production

27-Co-58

Cross Section -100.0 To 311.8 %



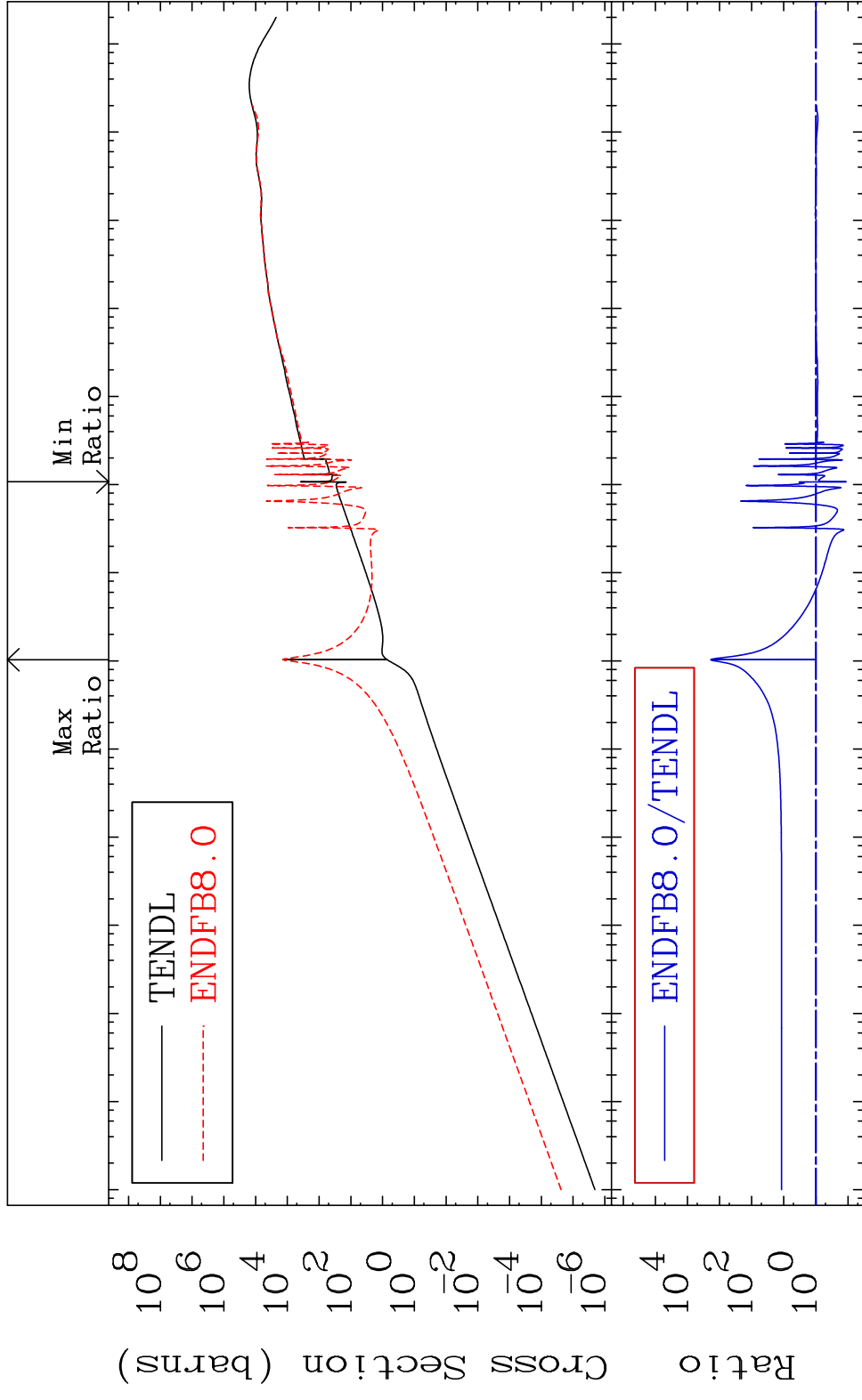
MAT 2722 Kerma total (eV-barns) 27-Co-58
 Cross Section -39.25 To 9999. %



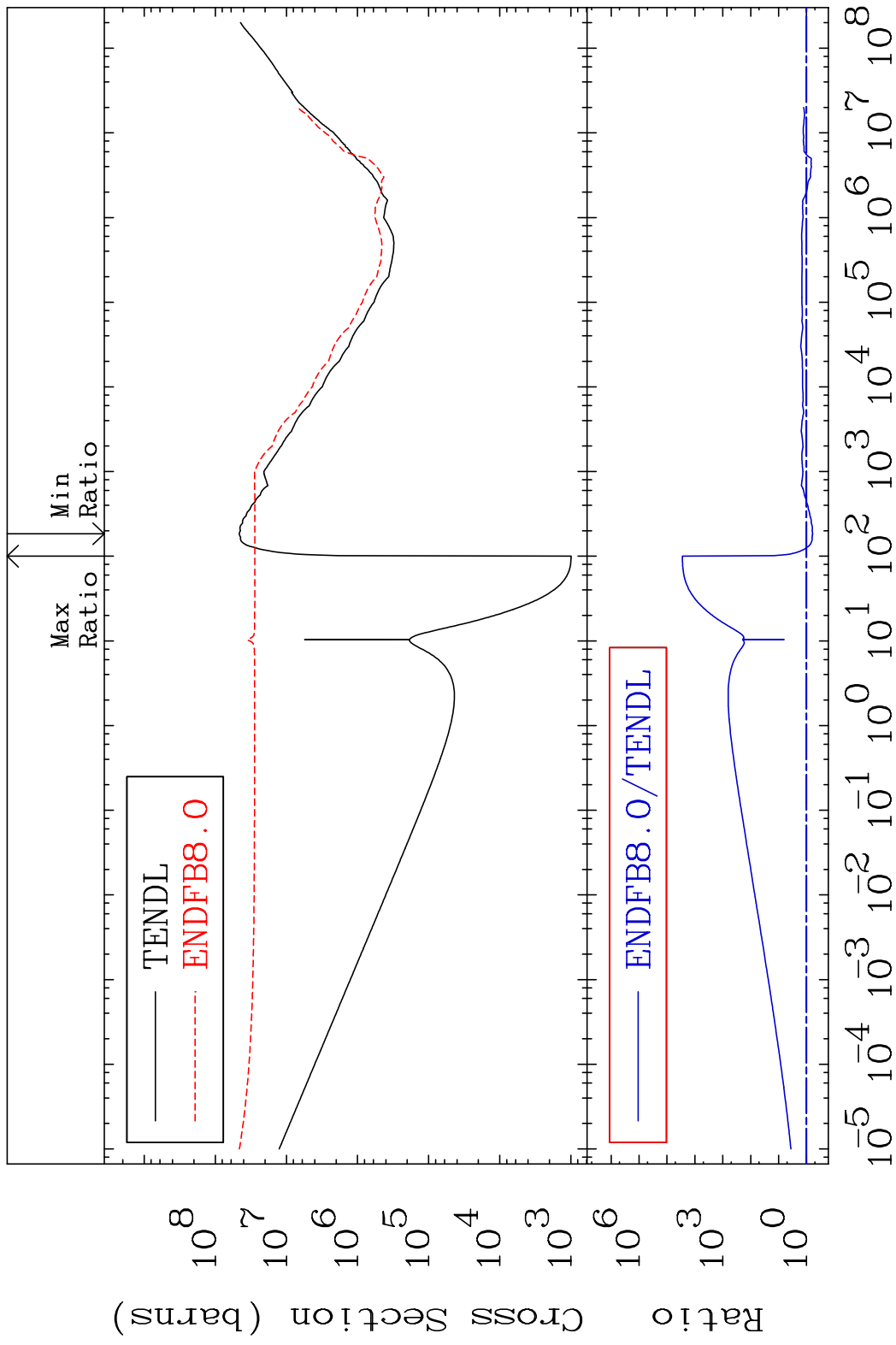
MAT 2722

Kerma elastic Cross Section -88.73 To 9999. %

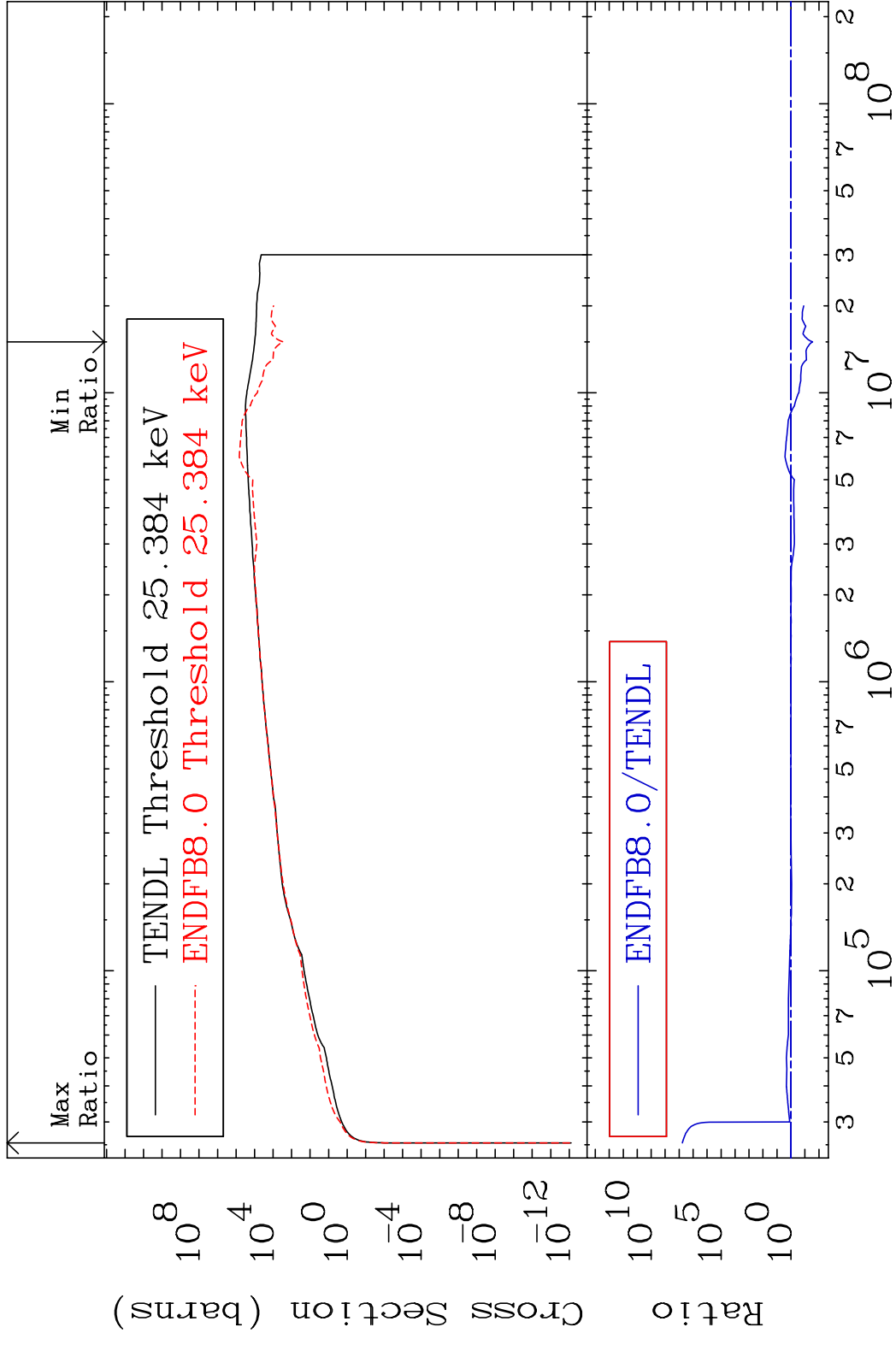
27-Co-58



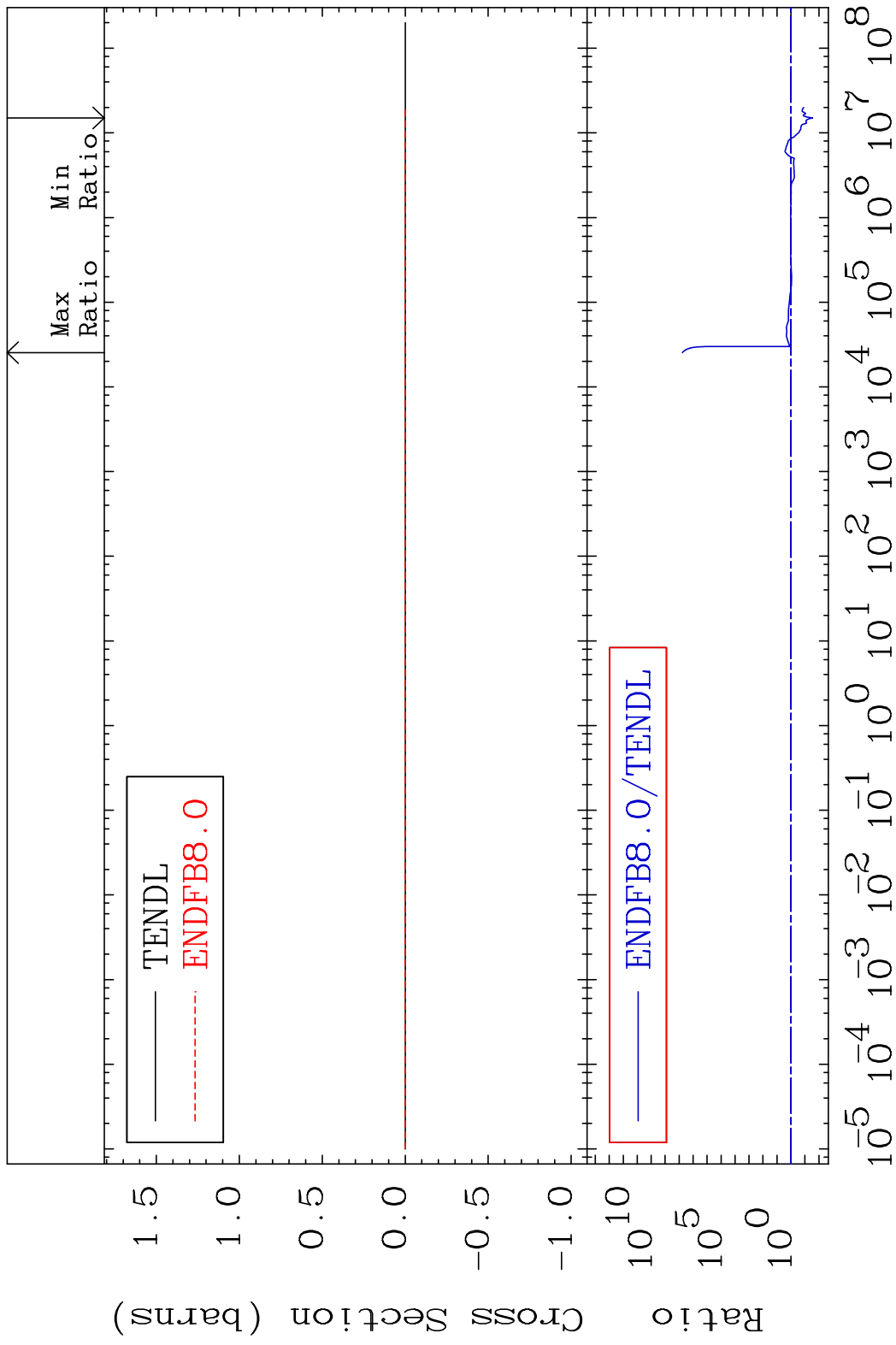
MAT 2722 Kerma non-elastic (all but mt2) 27-Co-58
 Cross Section -39.25 To 9999. %

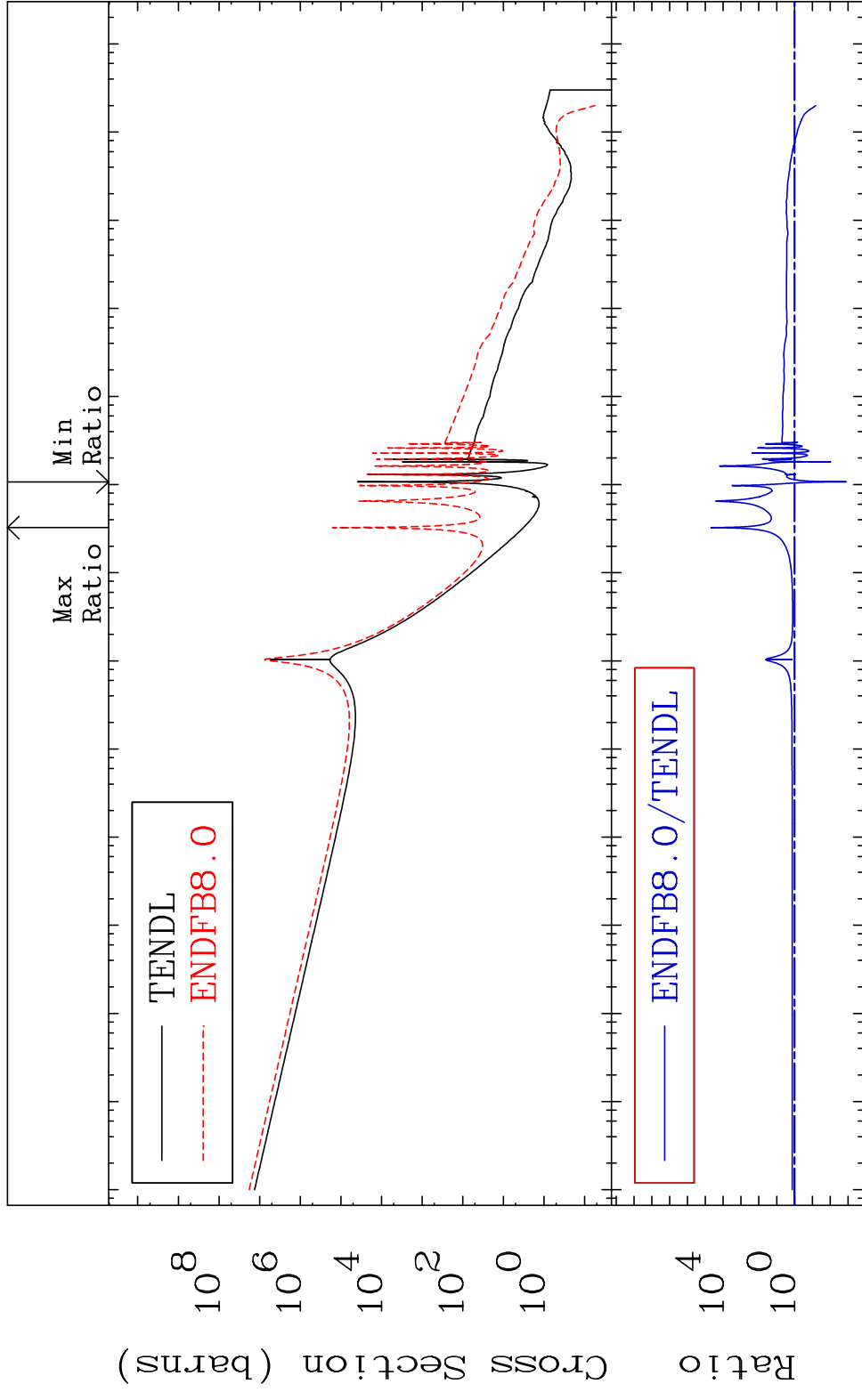


MAT 2722 Kerma inelastic (mt51-91) 27-Co-58
 Cross Section -97.16 To 9999. %

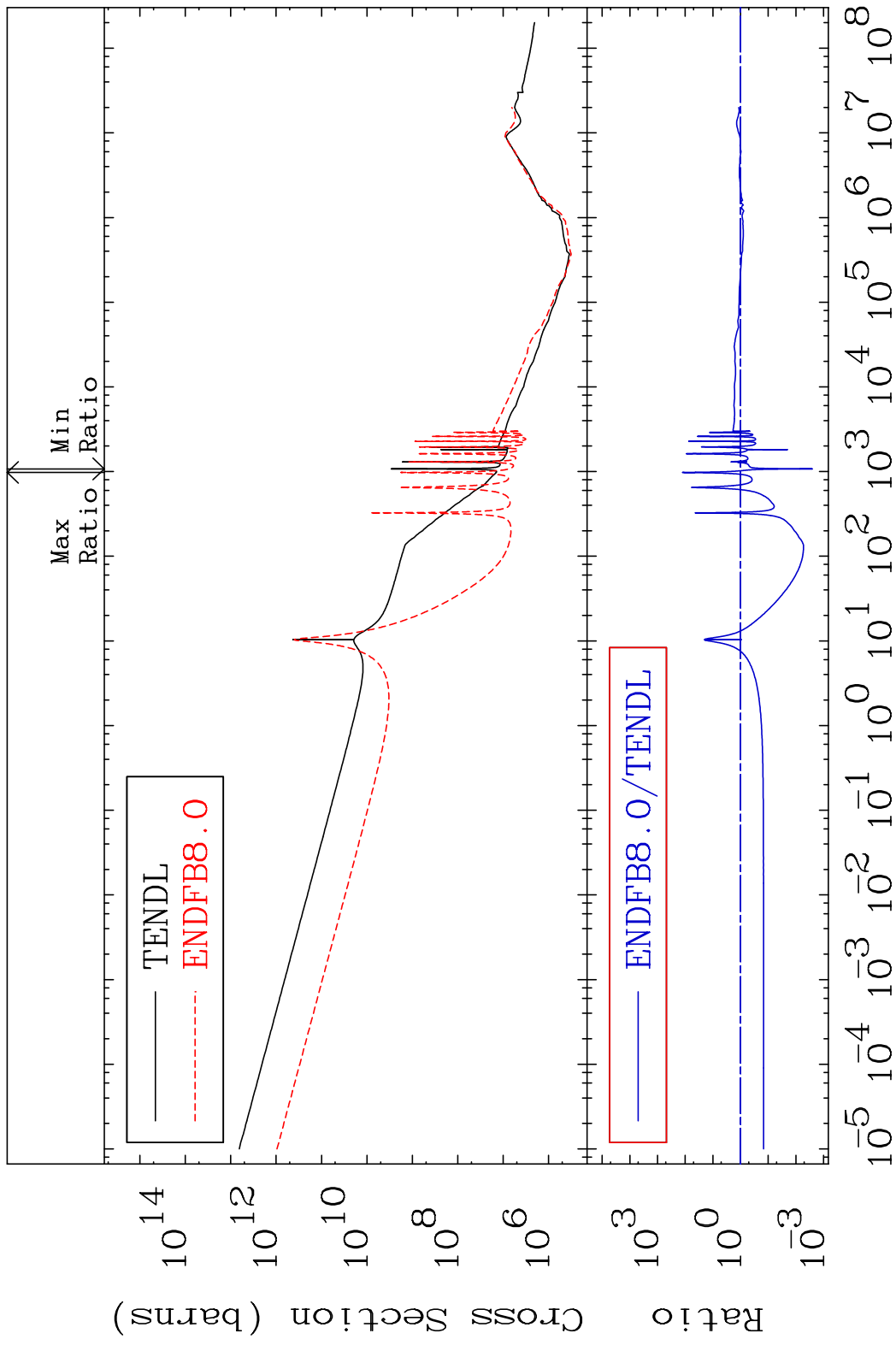


MAT 2722 Kerma fission (mt18 or mt19-20-21-38) 27-Co-58
 Cross Section -97.16 To 9999. %



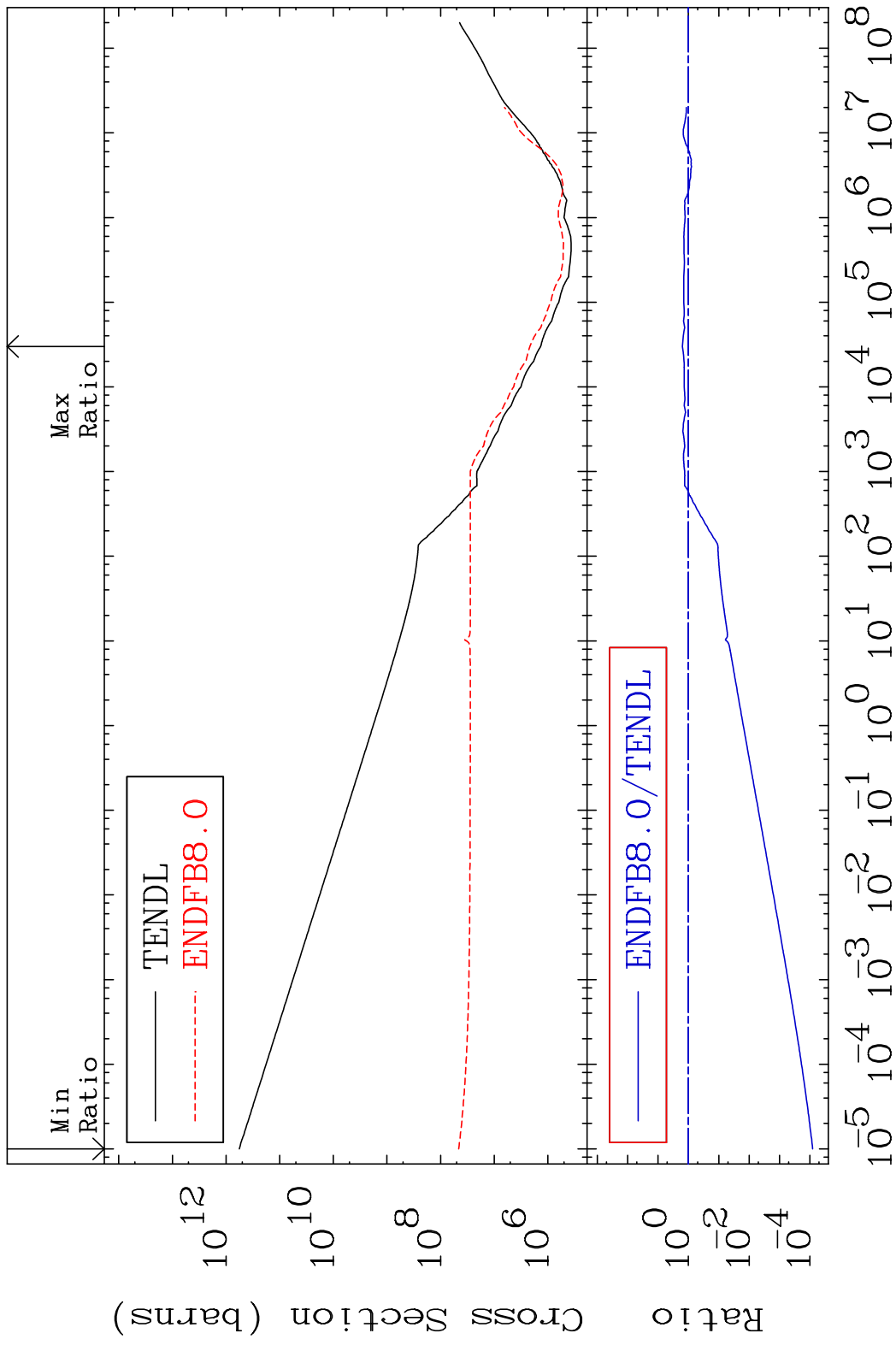


MAT 2722 Total photon (eV-barns) 27-Co-58
 Cross Section -99.75 To 9999. %



58 Incident Energy (eV) 27-Co-58

MAT 2722 Total kinematic kerma (high limit) 27-Co-58
 Cross Section -99.99 To 58.57 %

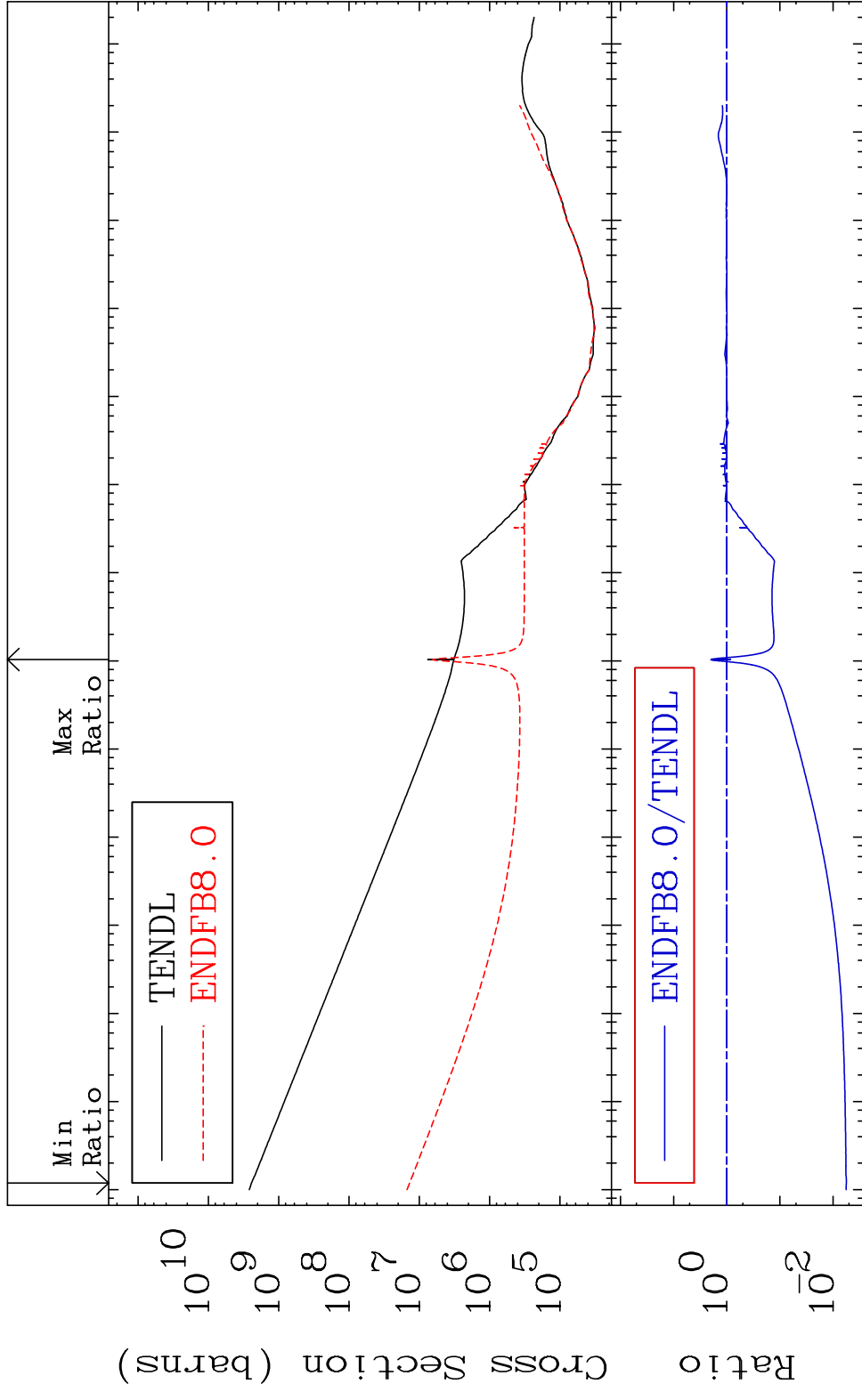


MAT 2722

Dpa total (eV-barns)

27-Co-58

Cross Section -99.44 To 100.6 %



60

Incident Energy (eV)

27-Co-58

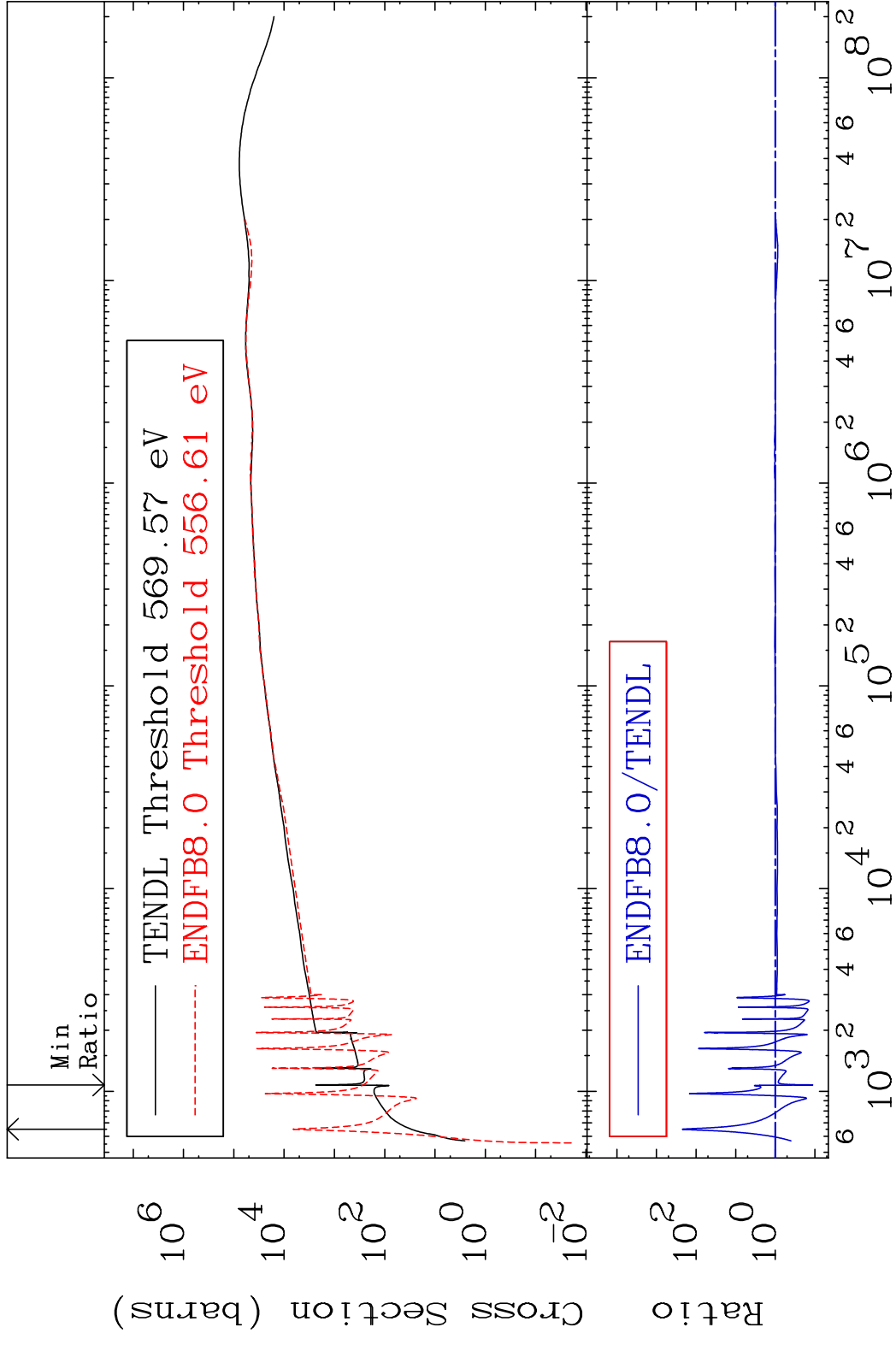
MAT 2722

Dpa elastic (mt2)

27-Co-58

Cross Section

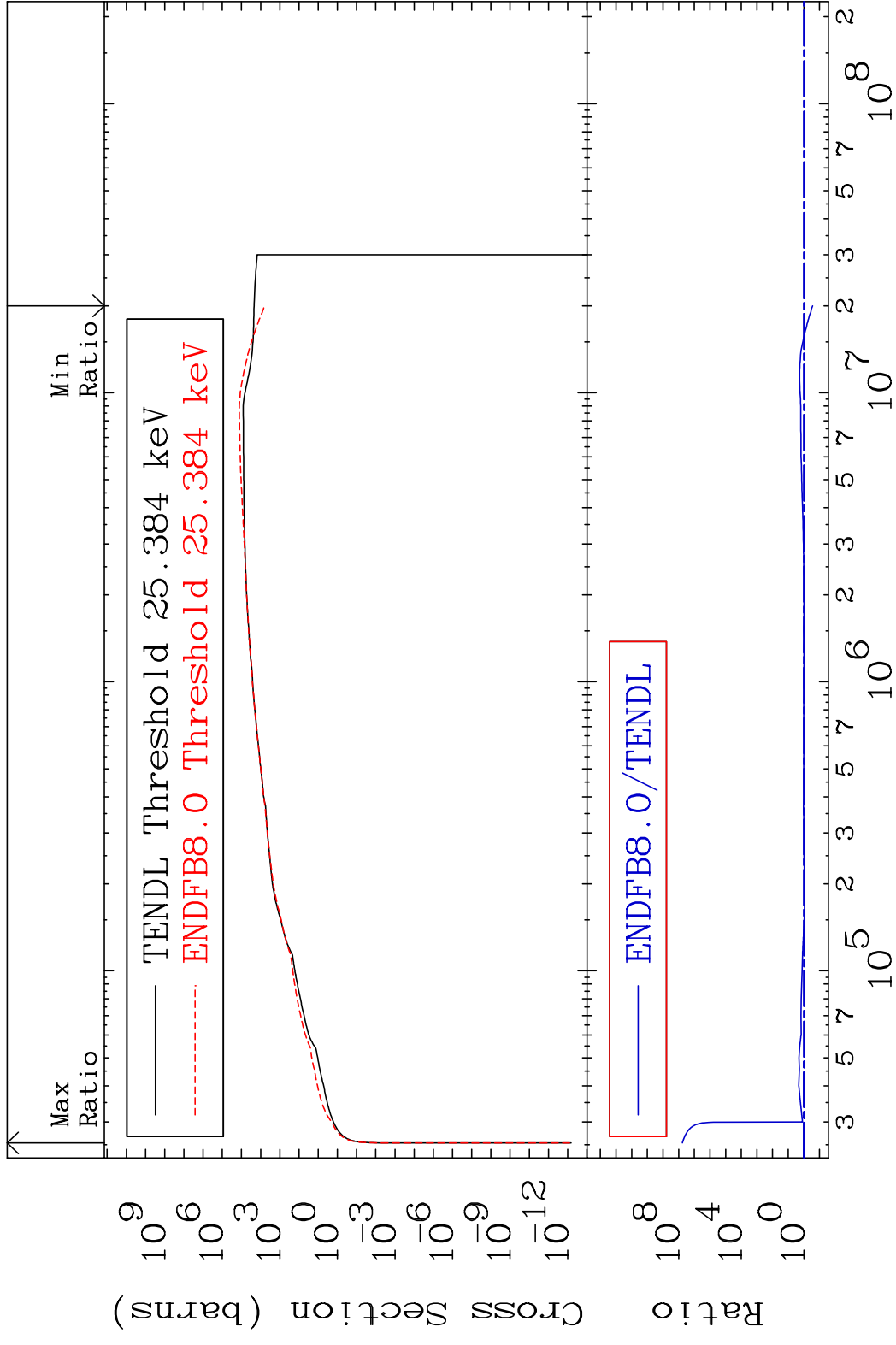
-88.59 To 9999. %



61

Incident Energy (eV)

27-Co-58



MAT 2722 Dpa disappearance (mt102 -120) 27-Co-58
 Cross Section -99.44 To 134.3 %

