

Program Complot
(Version 2021-1)

by

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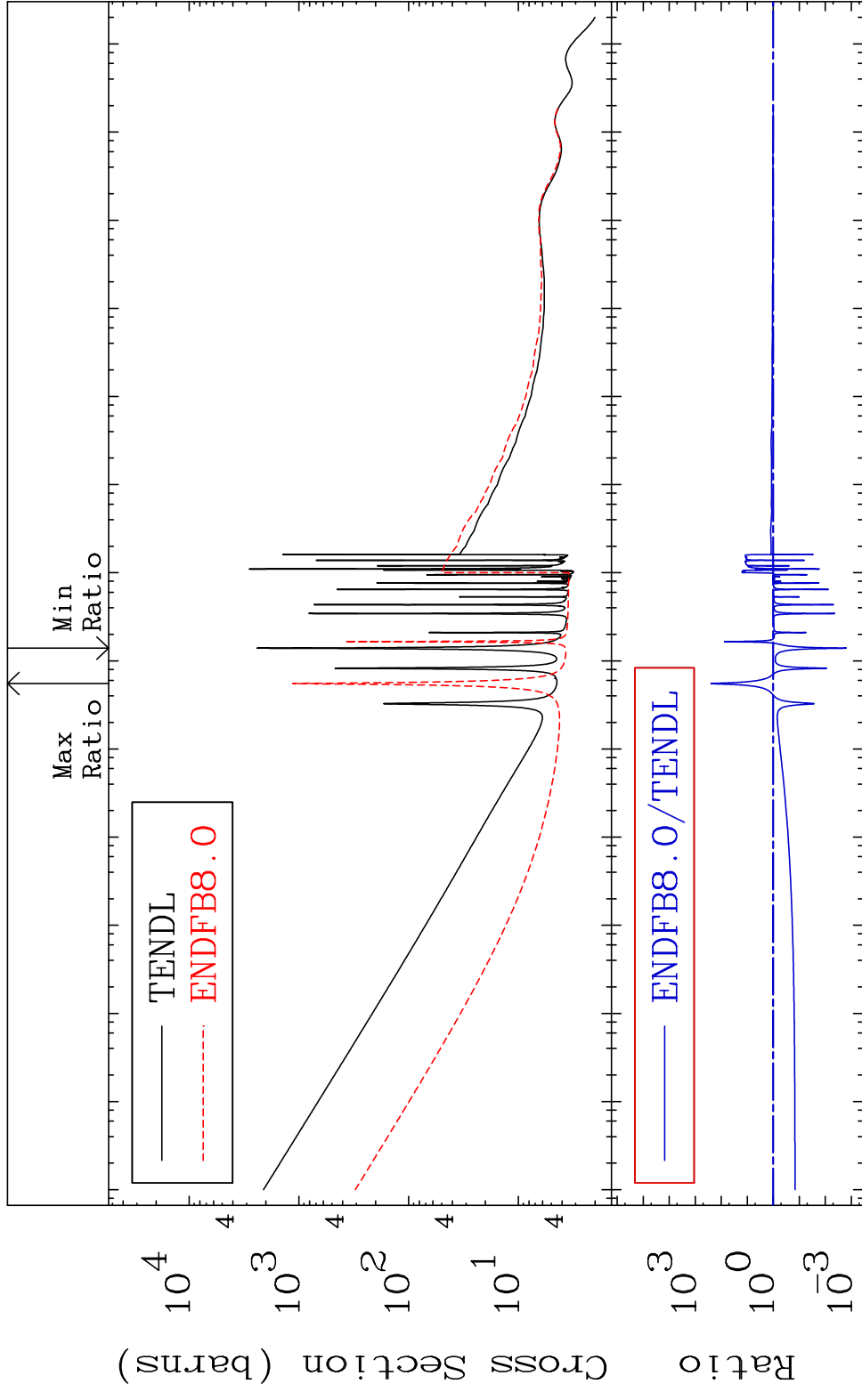
Press Mouse Button to Start

MAT 5228

52-Te-121

Total

Cross Section -99.84 To 9999. %



10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

52-Te-121

Incident Energy (eV)

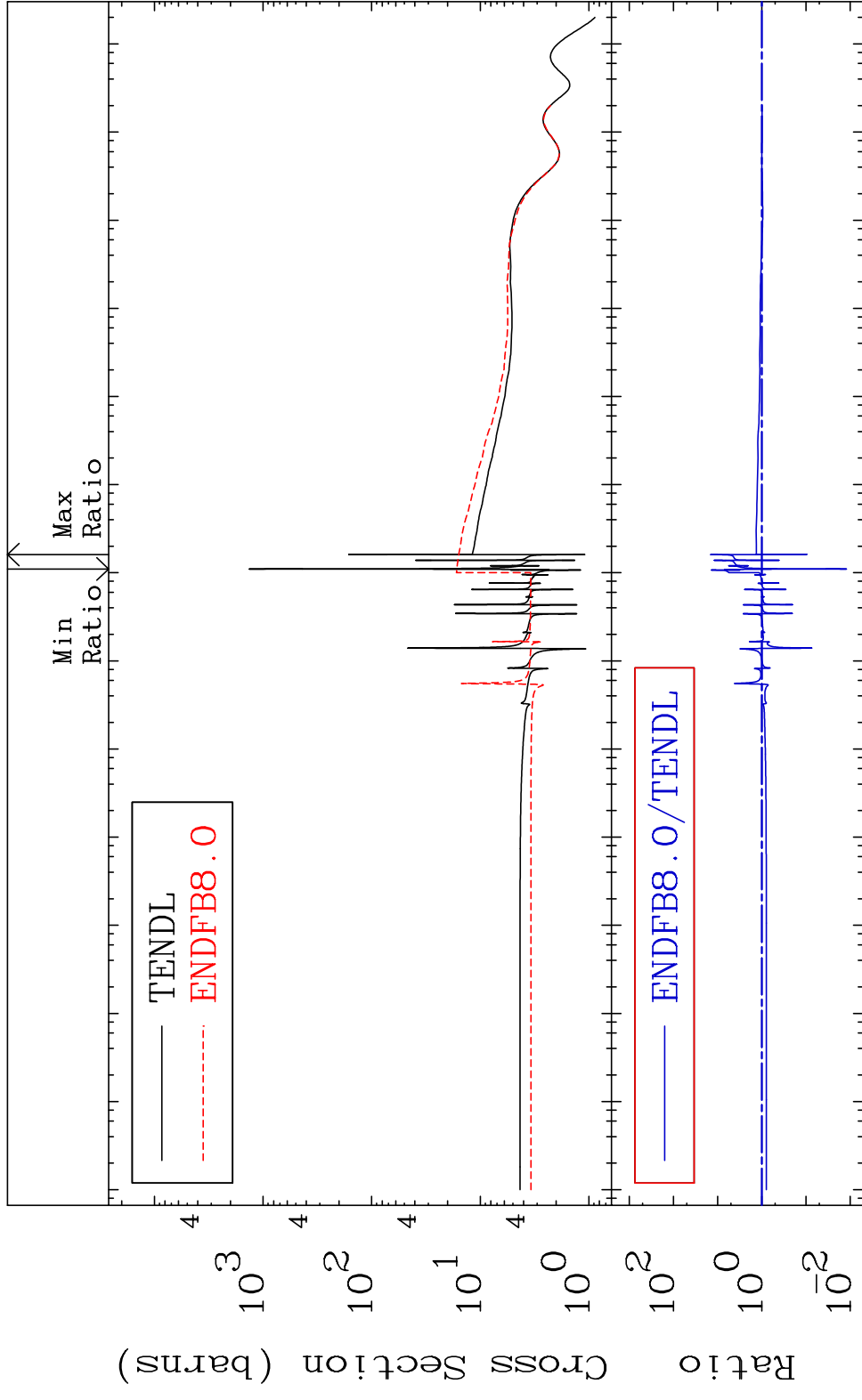
1

MAT 5228

Elastic

52-Te-121

Cross Section -98.777 To 1339. %

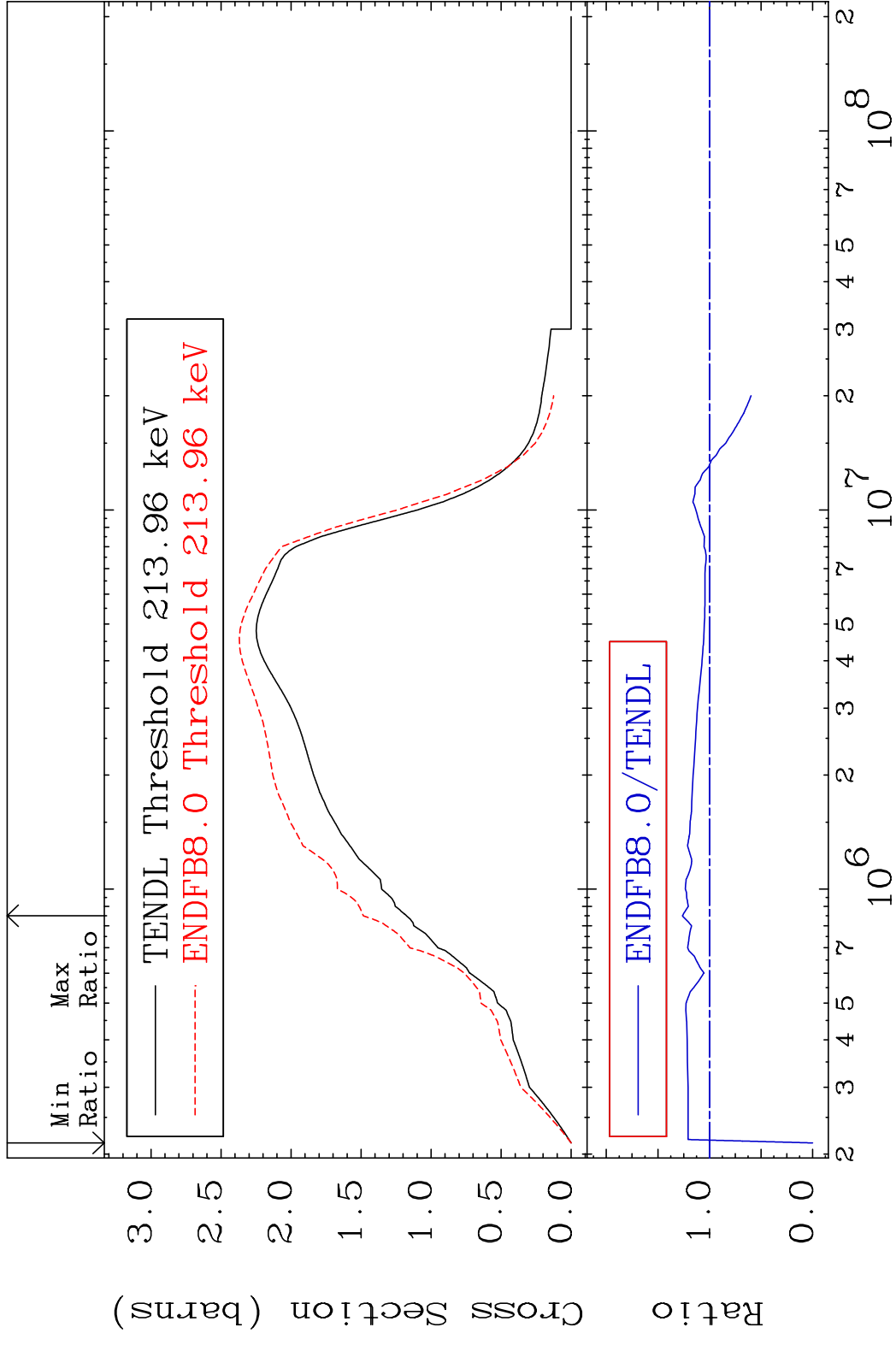


2

Incident Energy (eV)

52-Te-121

MAT 5228 Inelastic 52-Te-121
 Cross Section -100.0 To 26.26 %

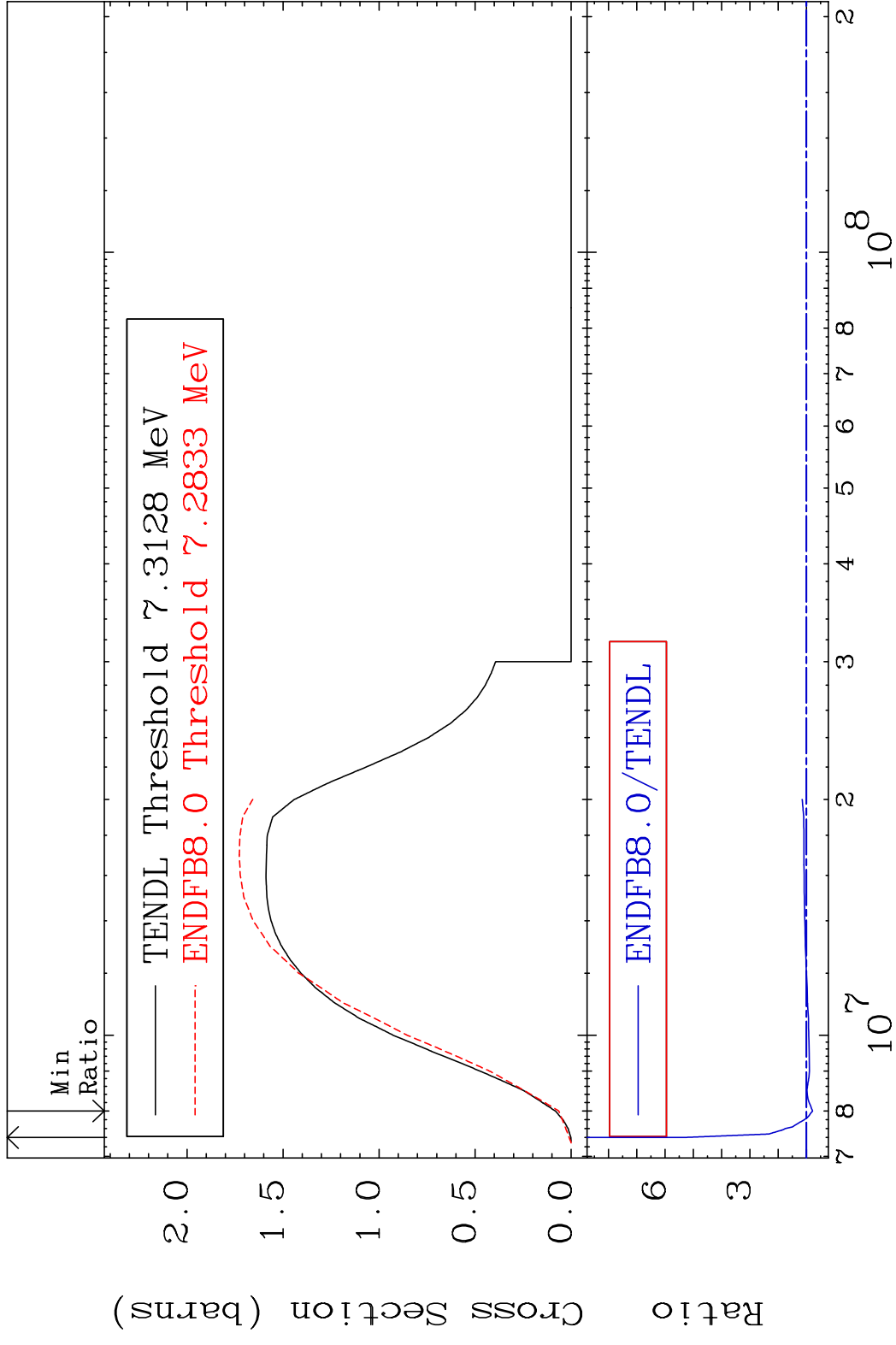


MAT 5228

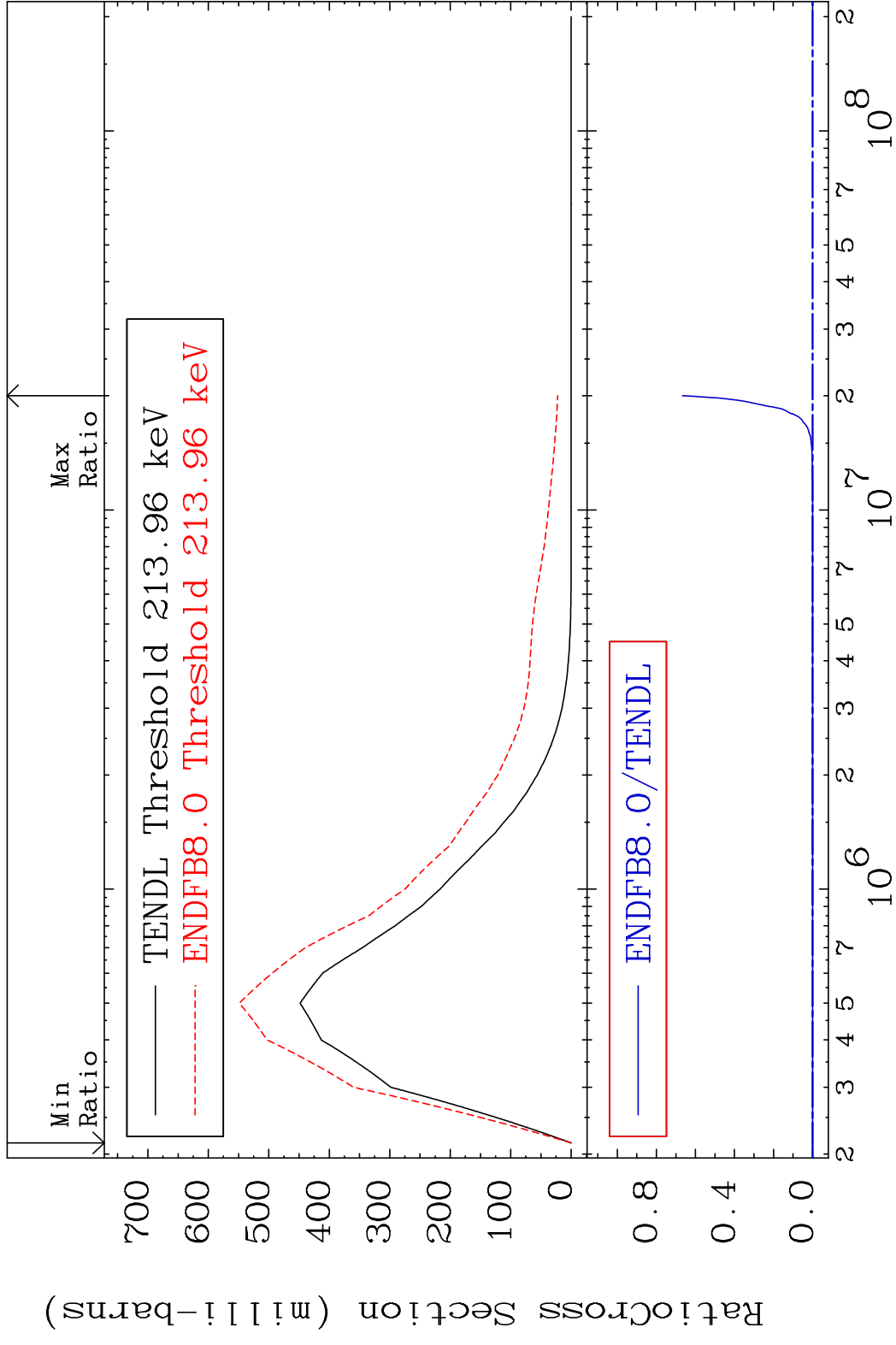
(n,2n)

52-Te-121

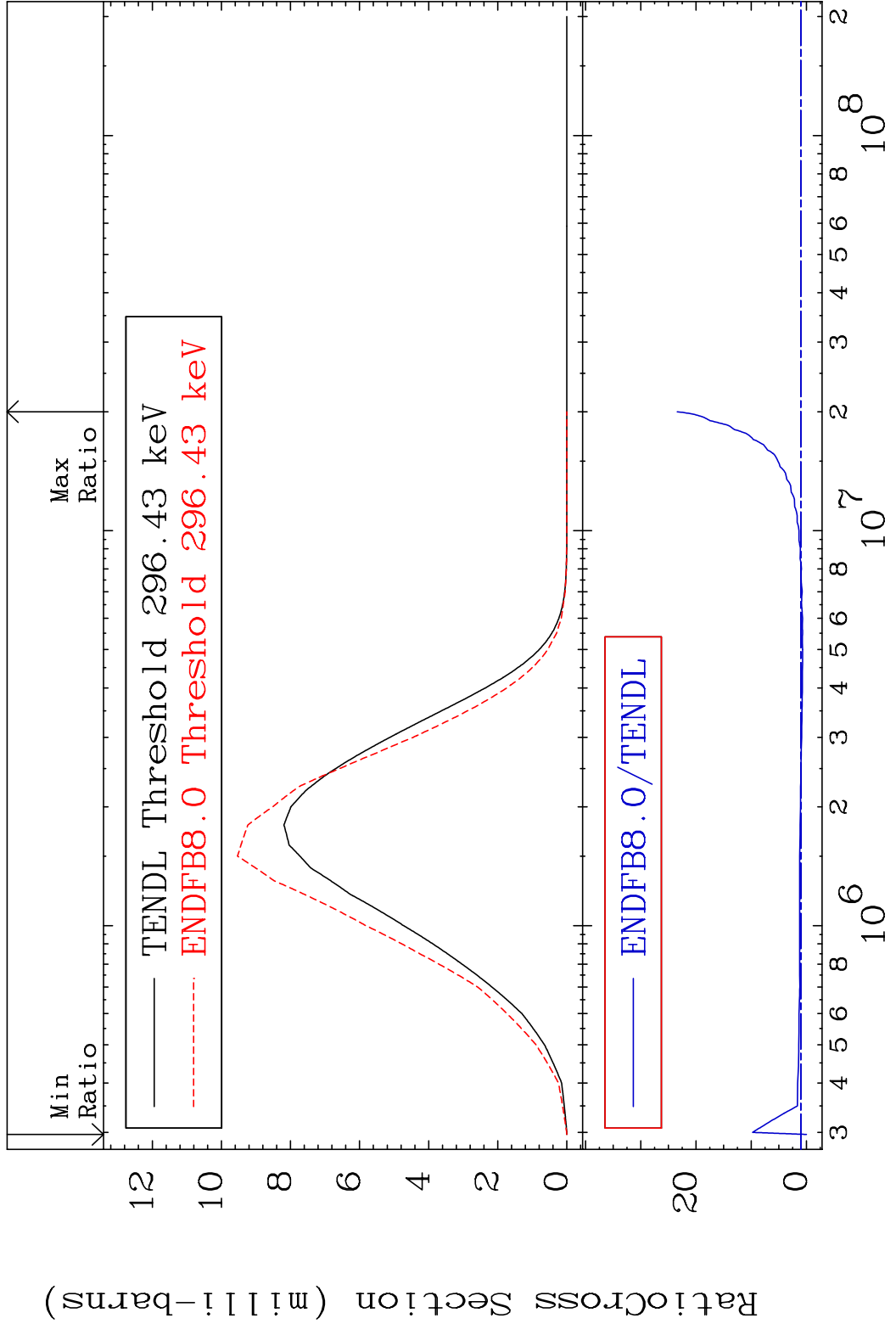
Cross Section -21.55 To 439.0 %



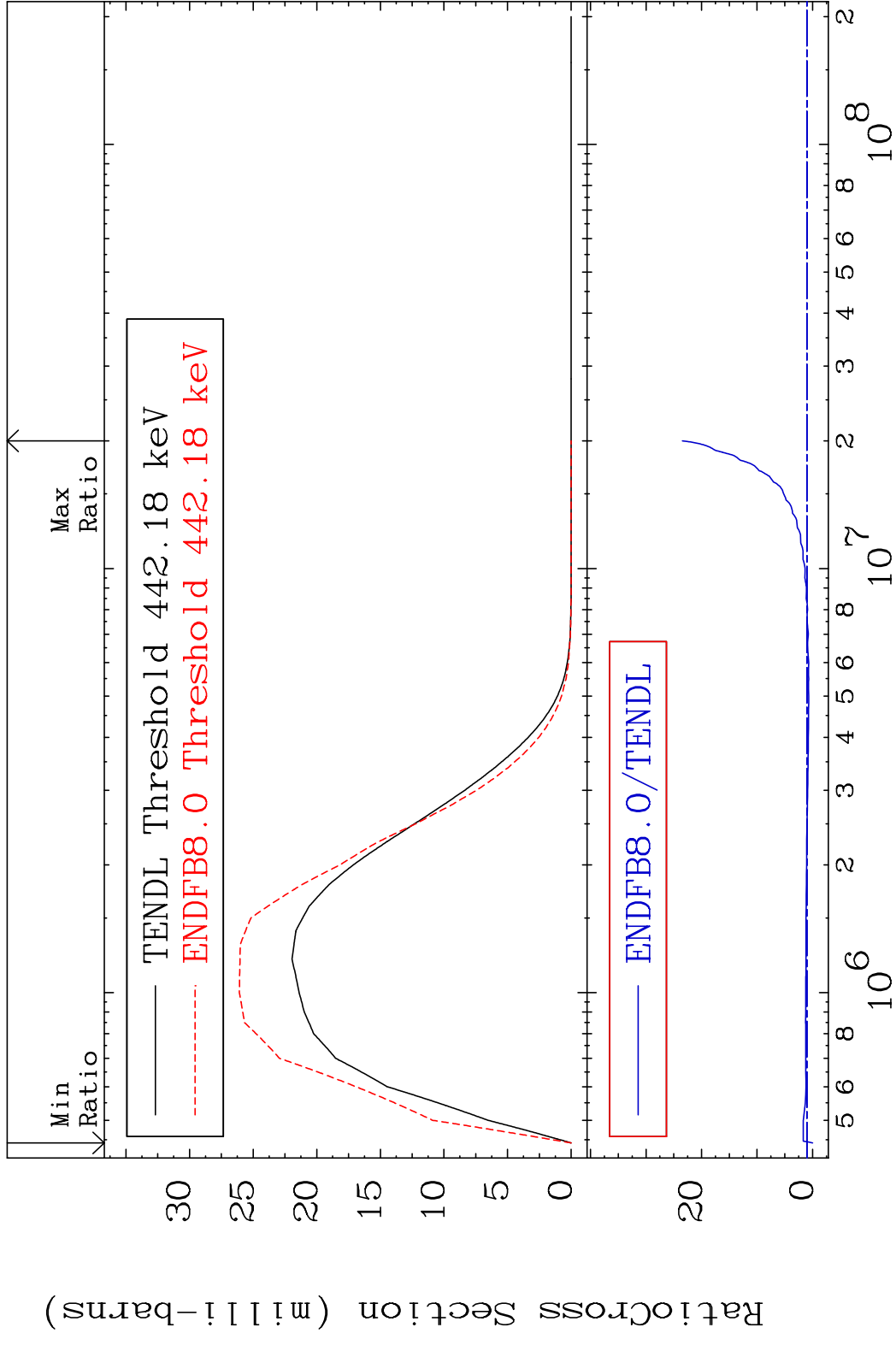
MAT 5228 MT= 51 (n,n') Level 52-Te-121
 Cross Section -100.0 To 9999. %



MAT 5228 MT= 52 (n,n') Level 52-Te-121
 Cross Section -100.0 To 2239. %

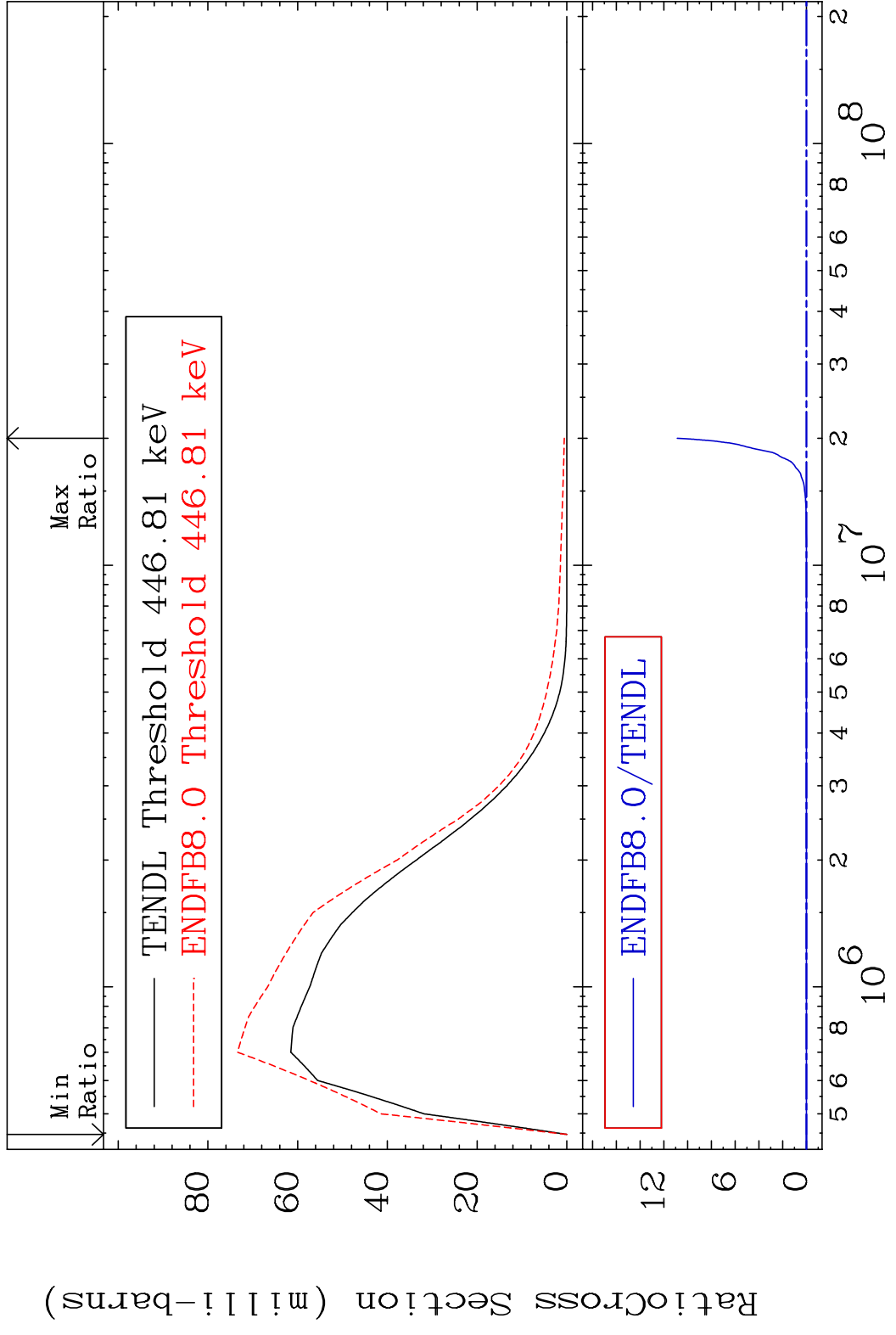


MAT 5228 MT= 53 (n,n') Level 52-Te-121
 Cross Section -100.0 To 2246. %



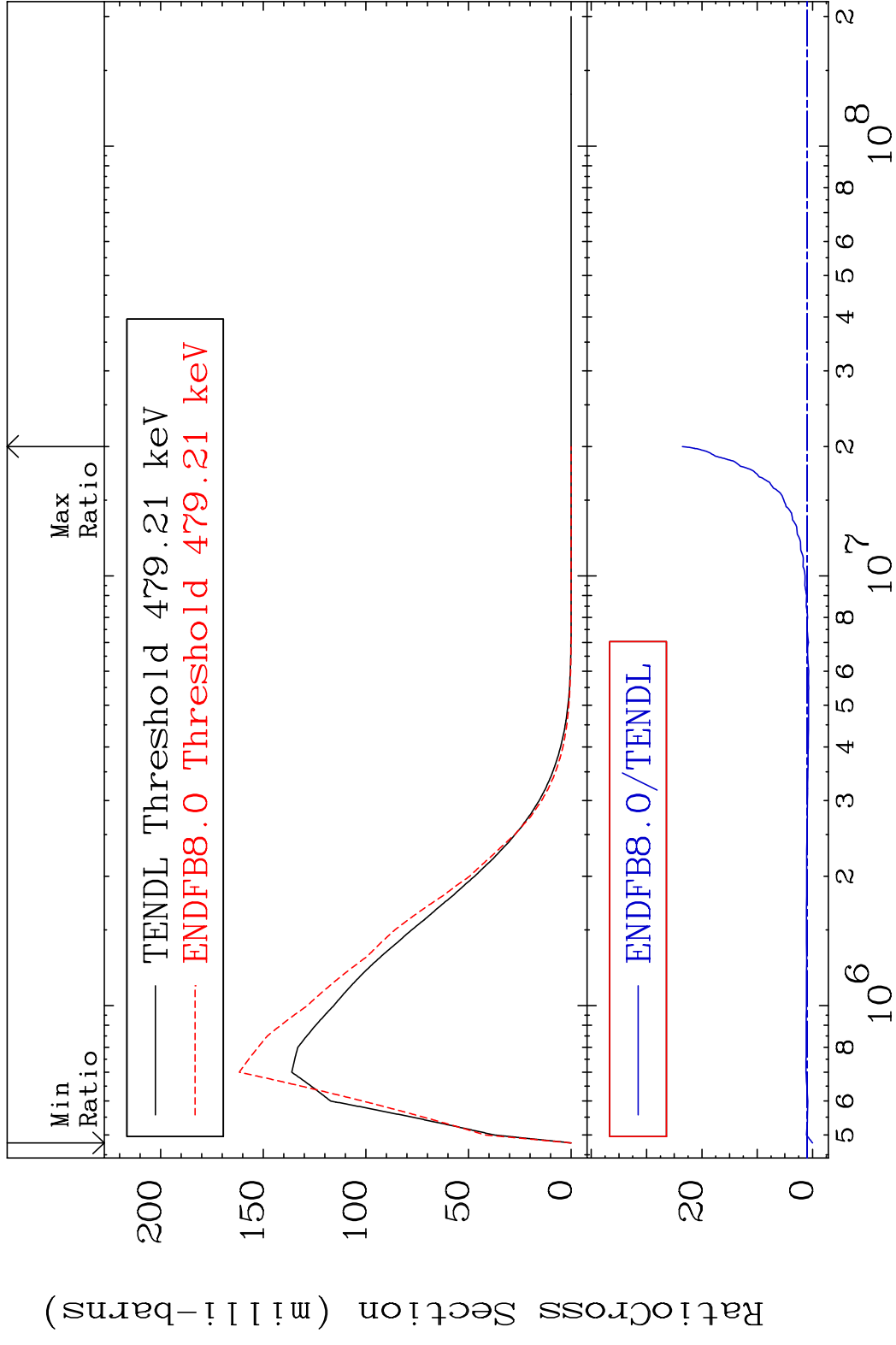
7 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 54 (n, n') Level 52-Te-121
 Cross Section -100.0 To 9999. %

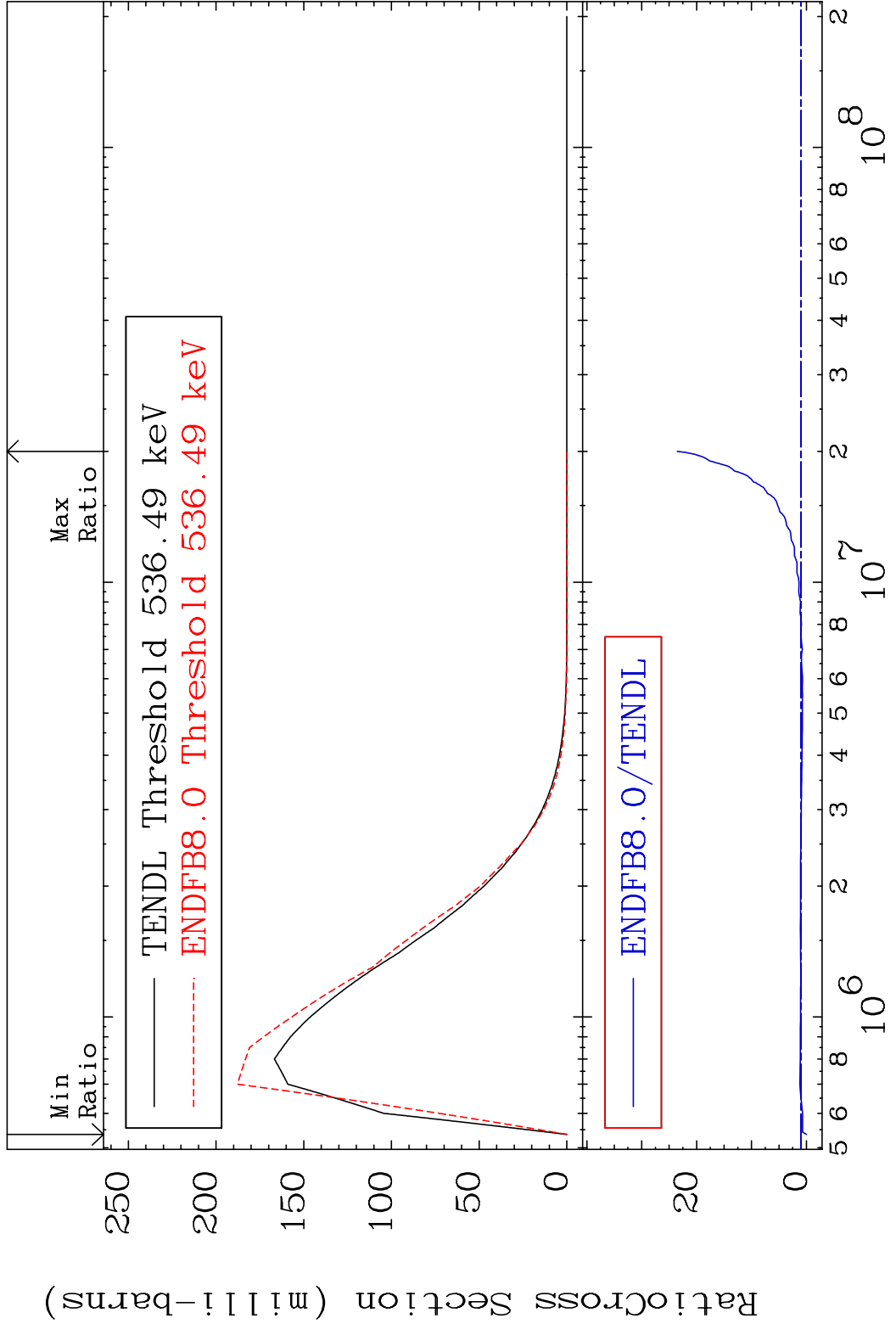


8 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 55 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2253. %

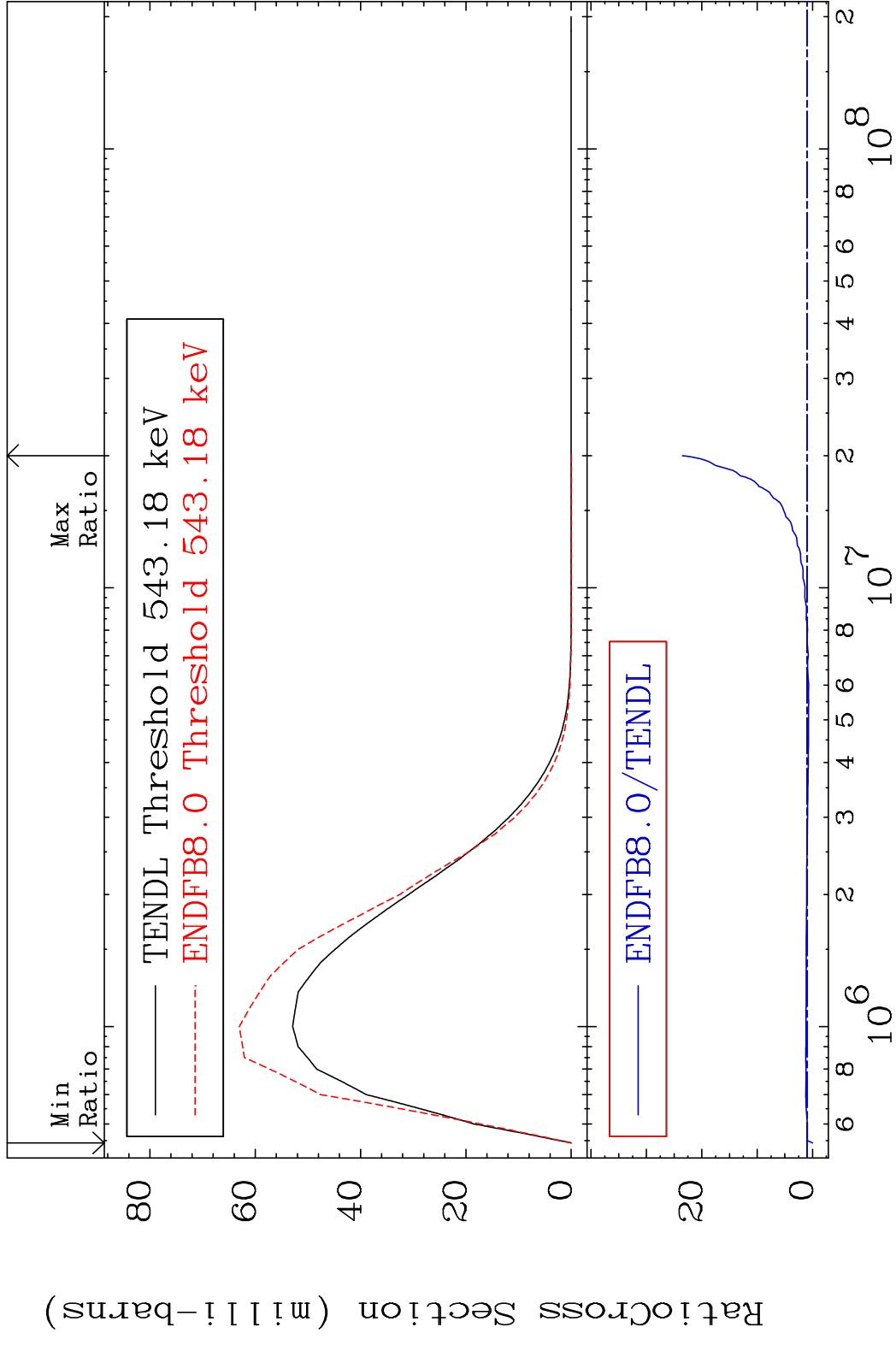


MAT 5228 MT= 56 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2254. %

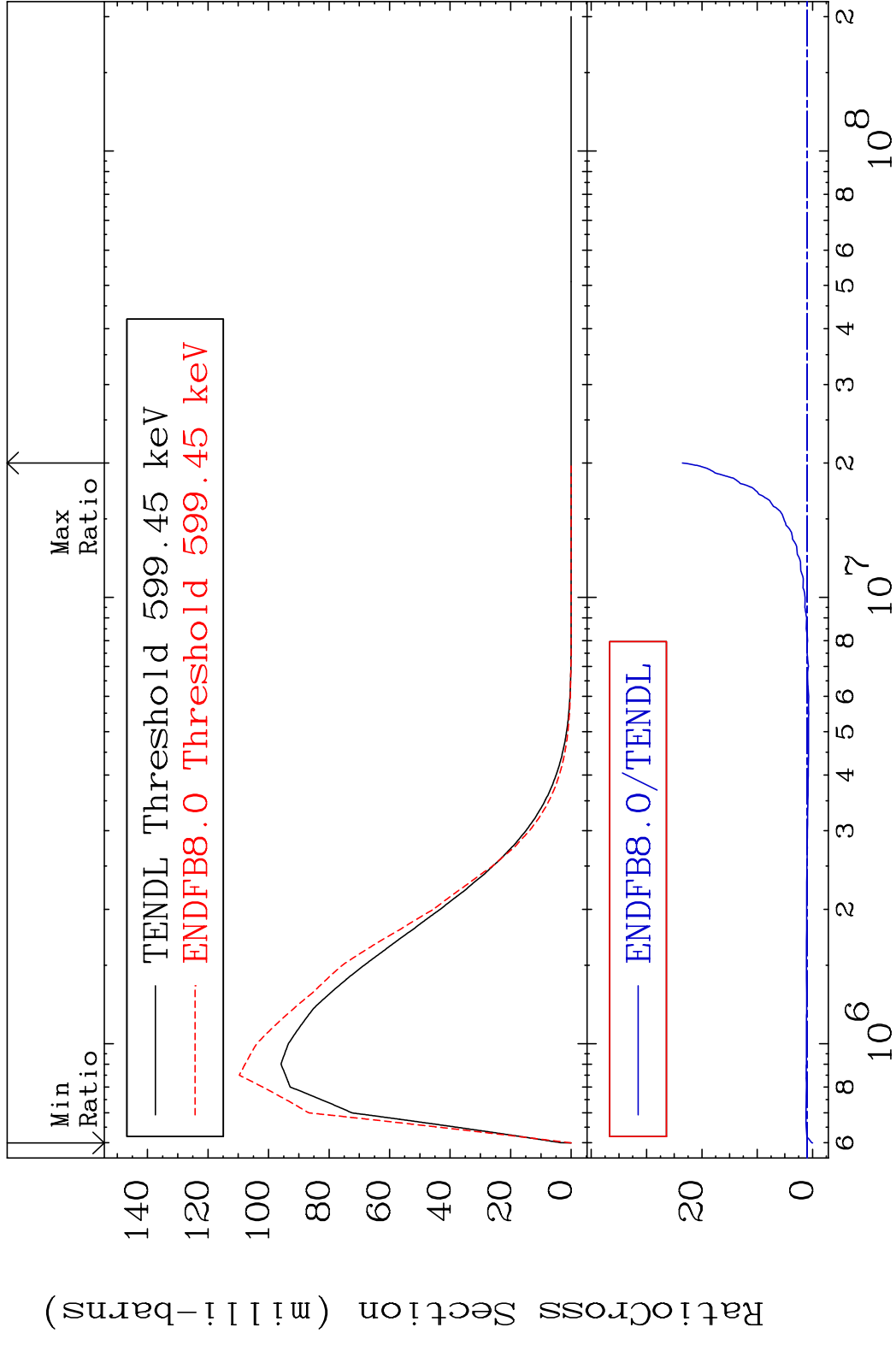


10 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 57 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2251. %

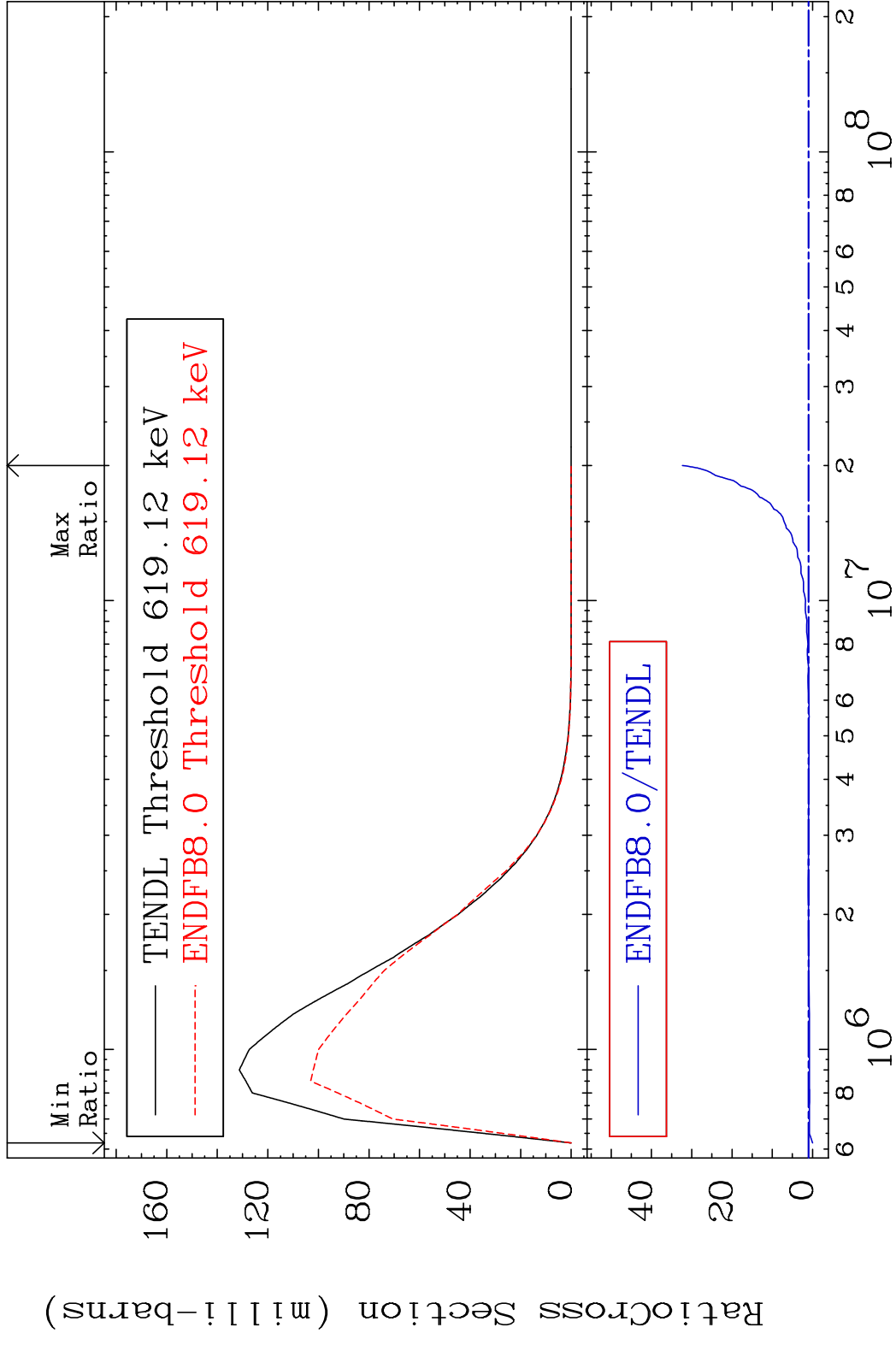


MAT 5228 MT= 58 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2253. %

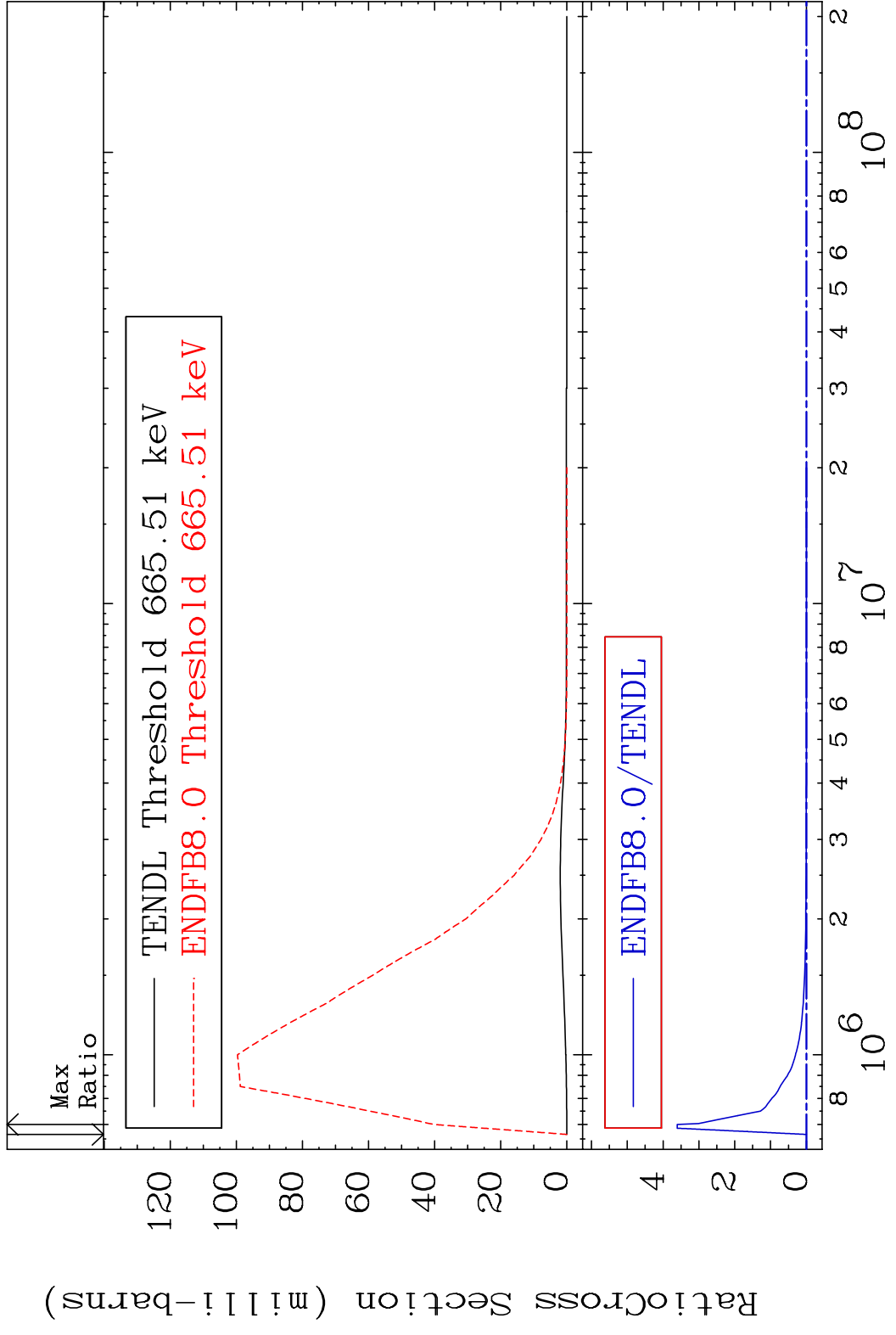


12 Incident Energy (eV) 52-Te-121

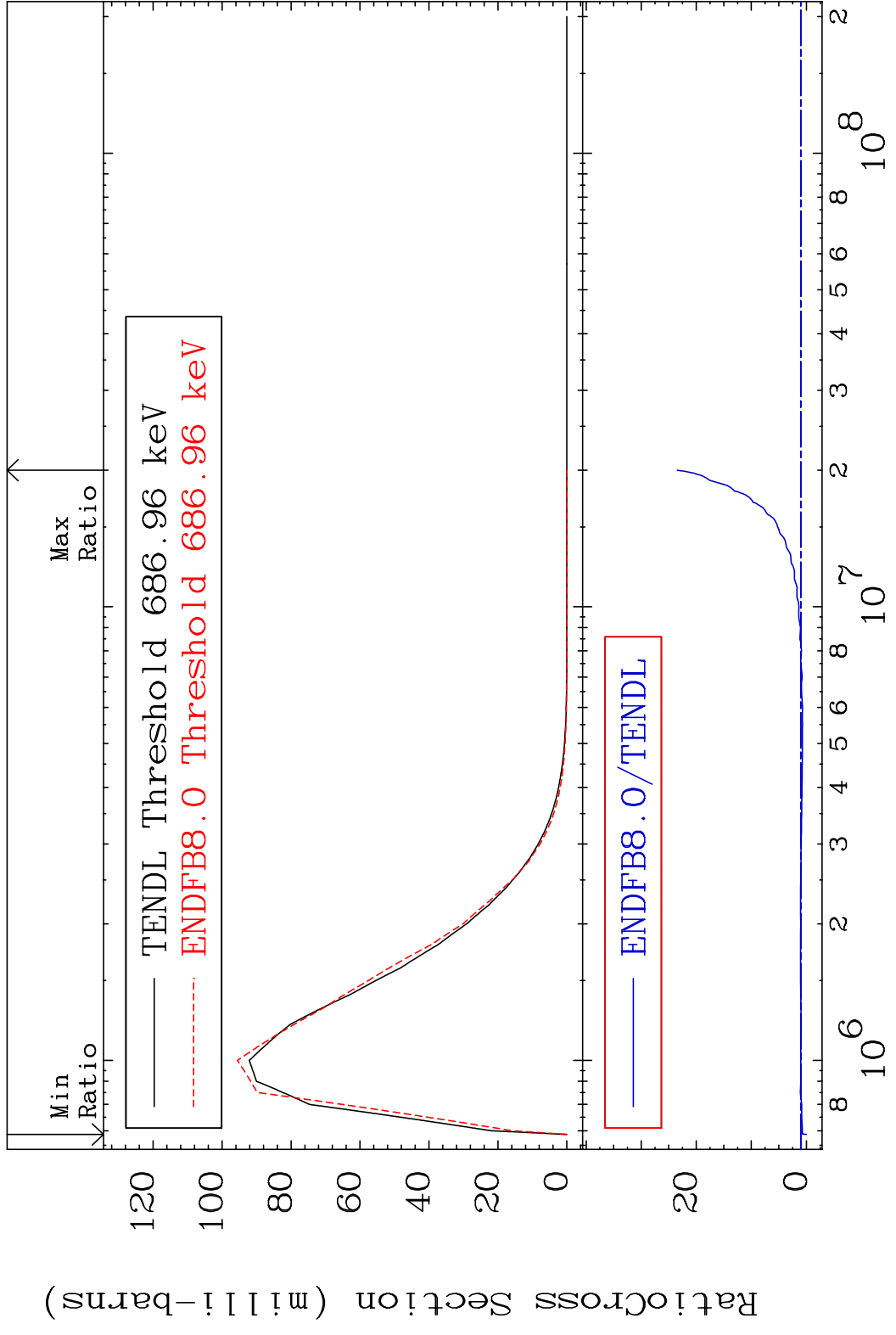
MAT 5228 MT= 59 (n, n') Level 52-Te-121
 Cross Section -100.0 To 3133. %



MAT 5228 MT= 60 (n,n') Level 52-Te-121
 Cross Section -100.0 To 9999. %

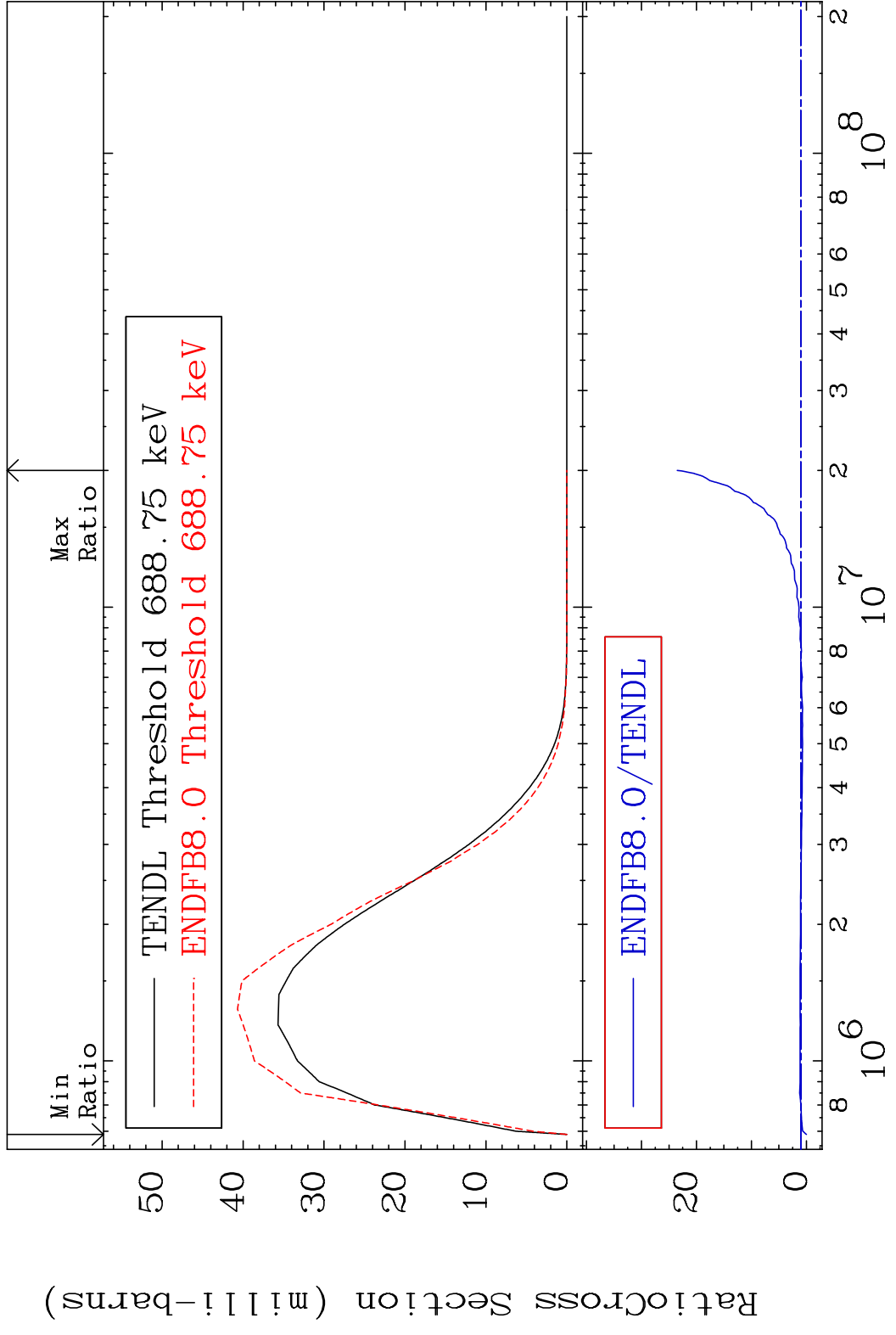


MAT 5228 MT= 61 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2246. %



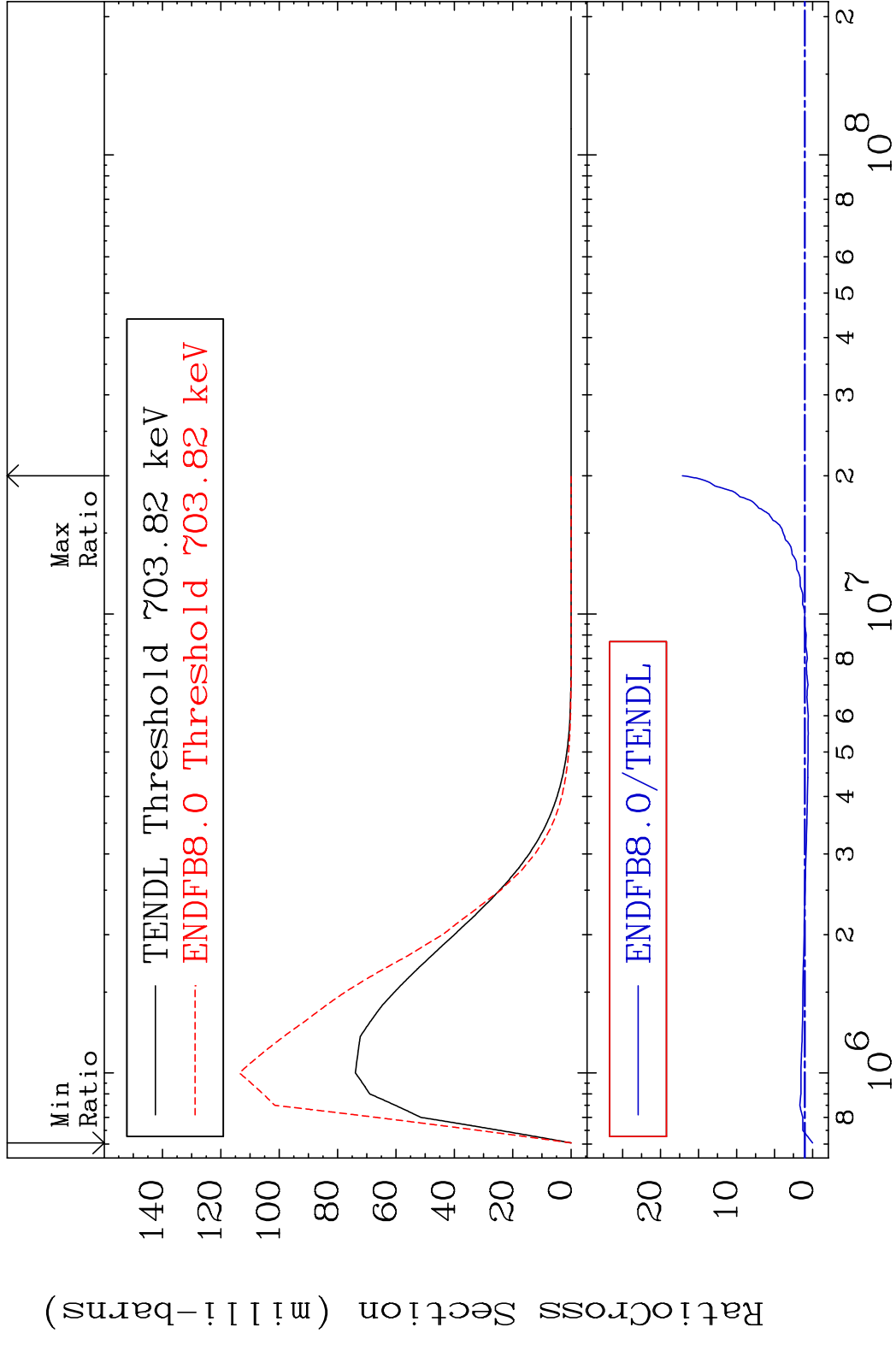
15 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 62 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2251. %

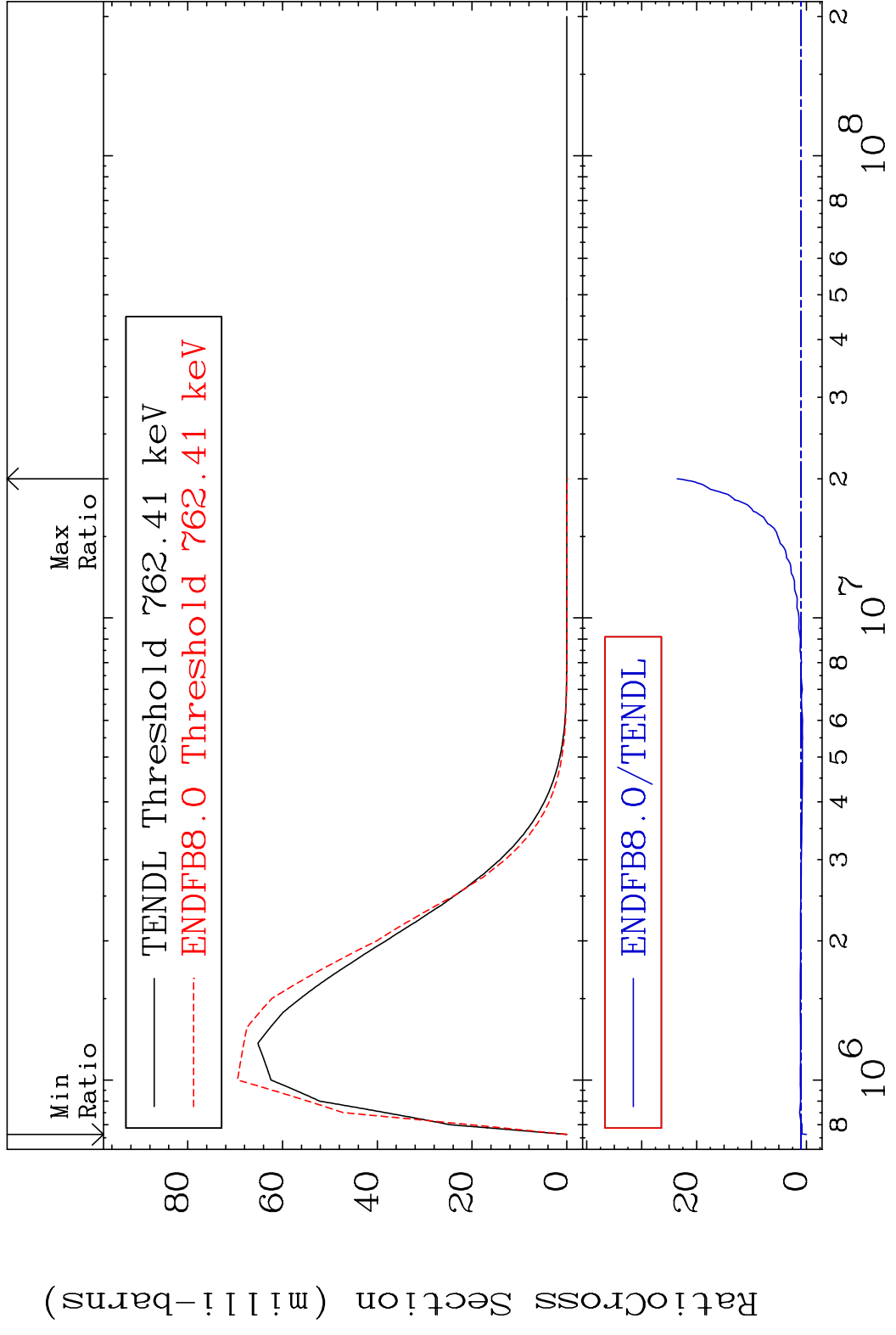


16 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 63 (n, n') Level 52-Te-121
 Cross Section -100.0 To 1613. %

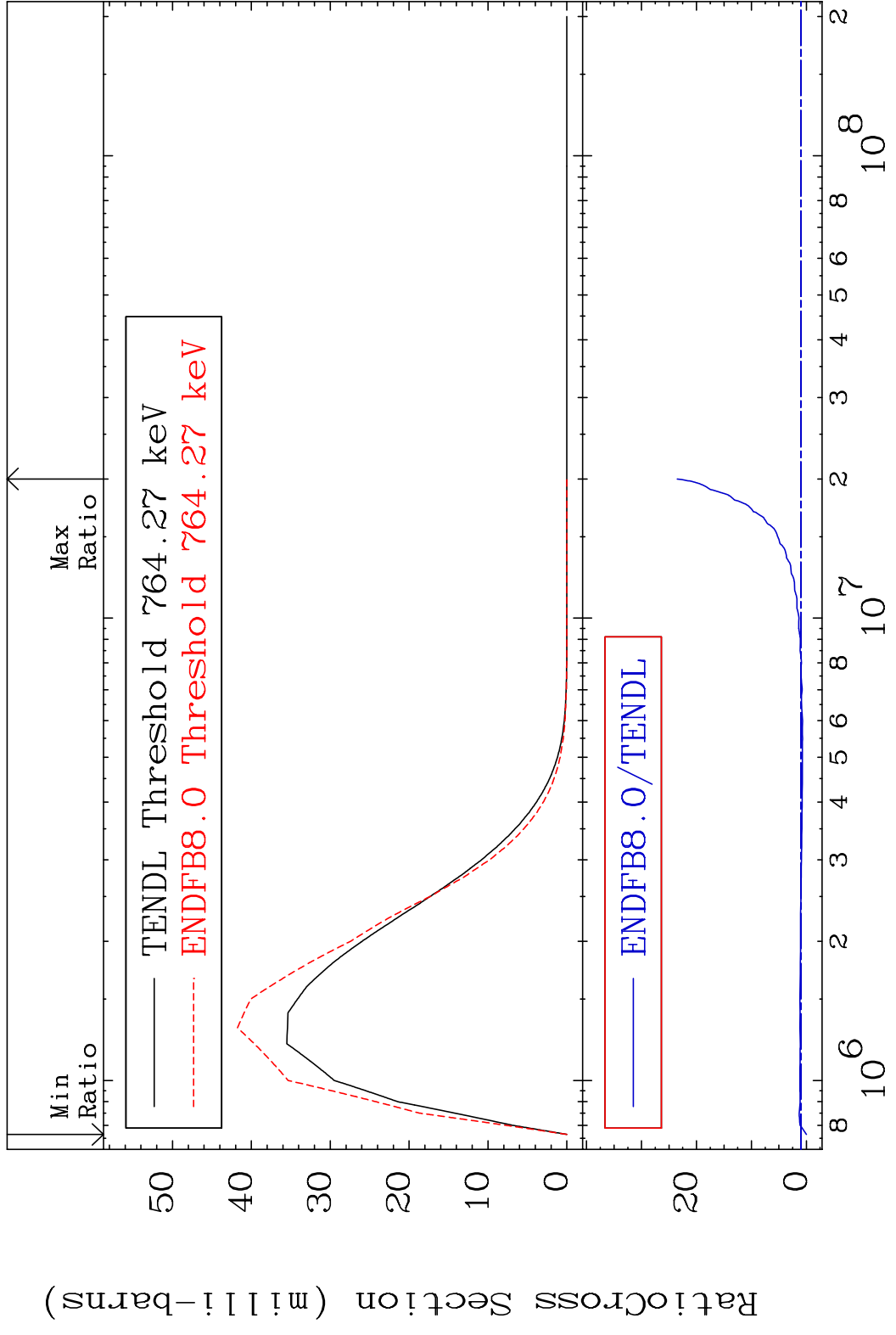


MAT 5228 MT= 64 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2253. %

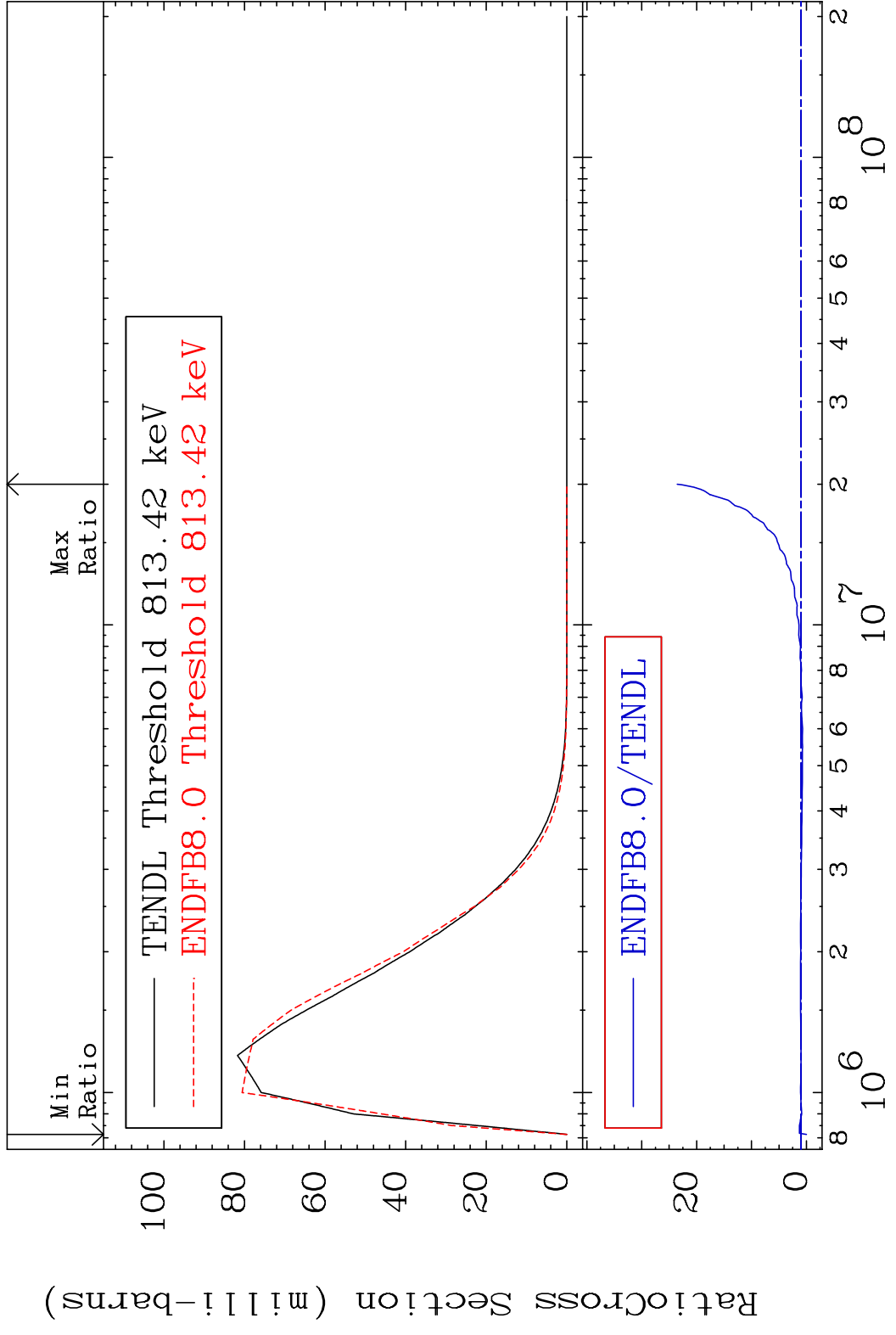


18 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 65 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2251. %

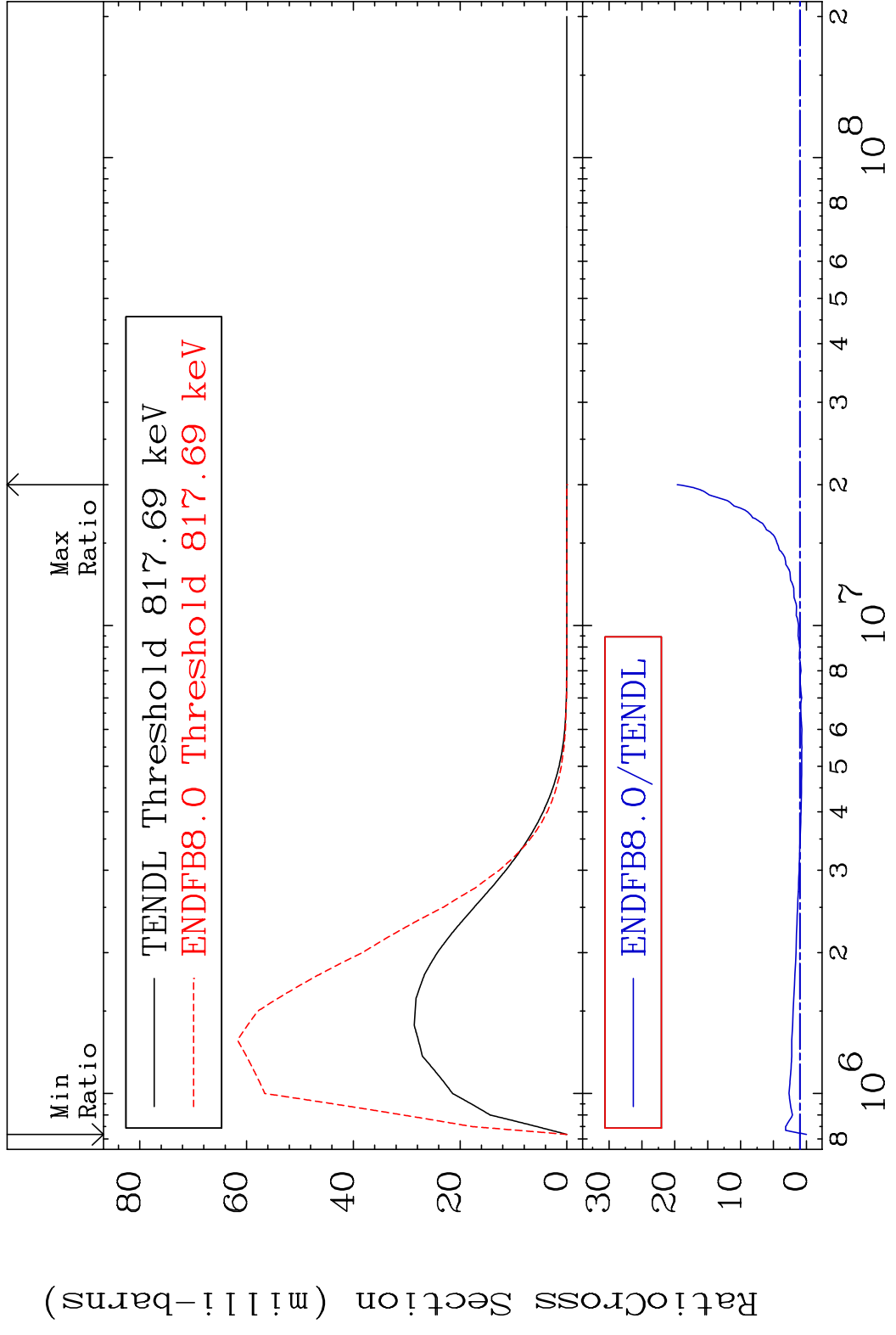


MAT 5228 MT= 66 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2254. %

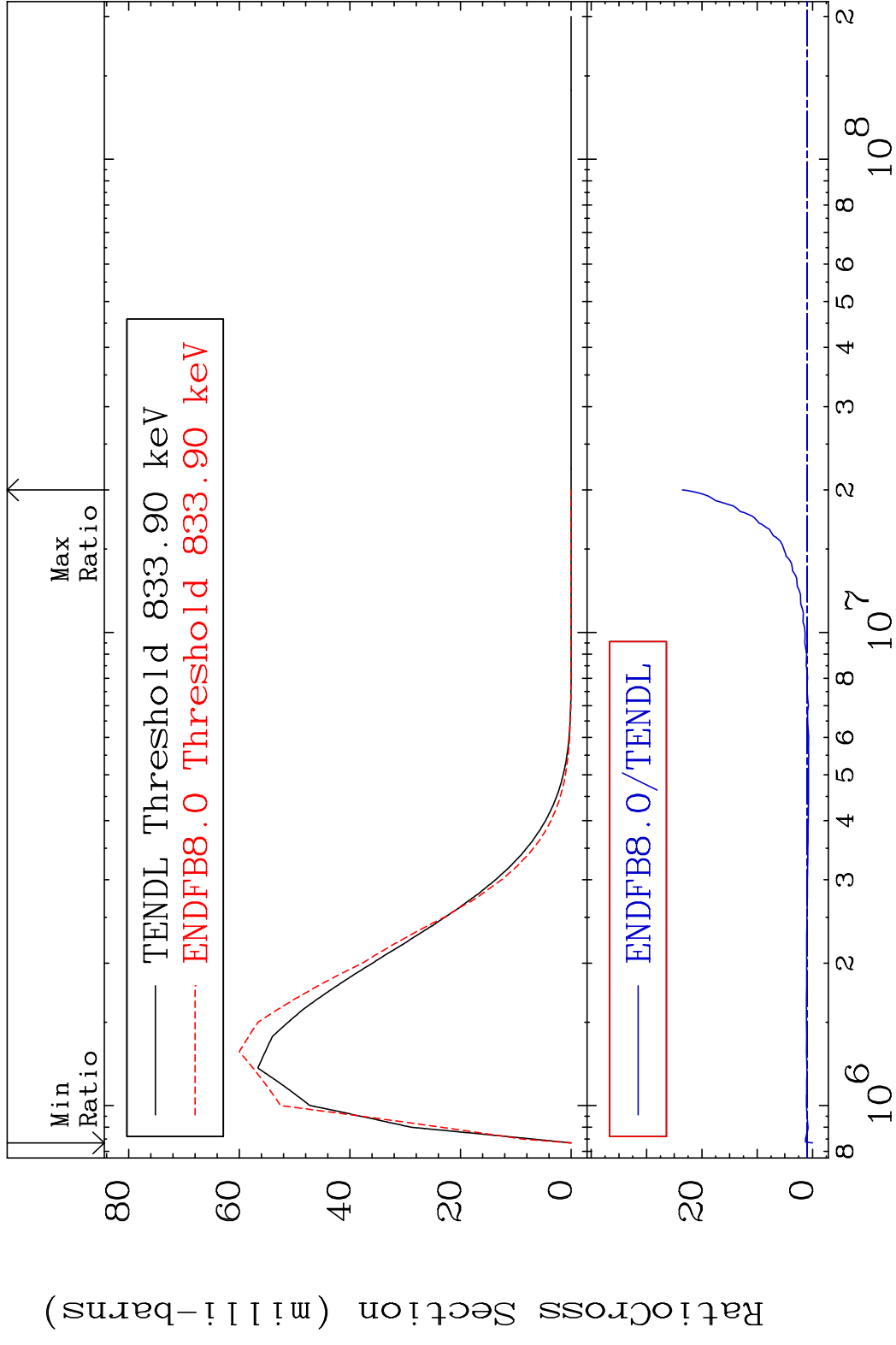


20 Incident Energy (eV) 52-Te-121

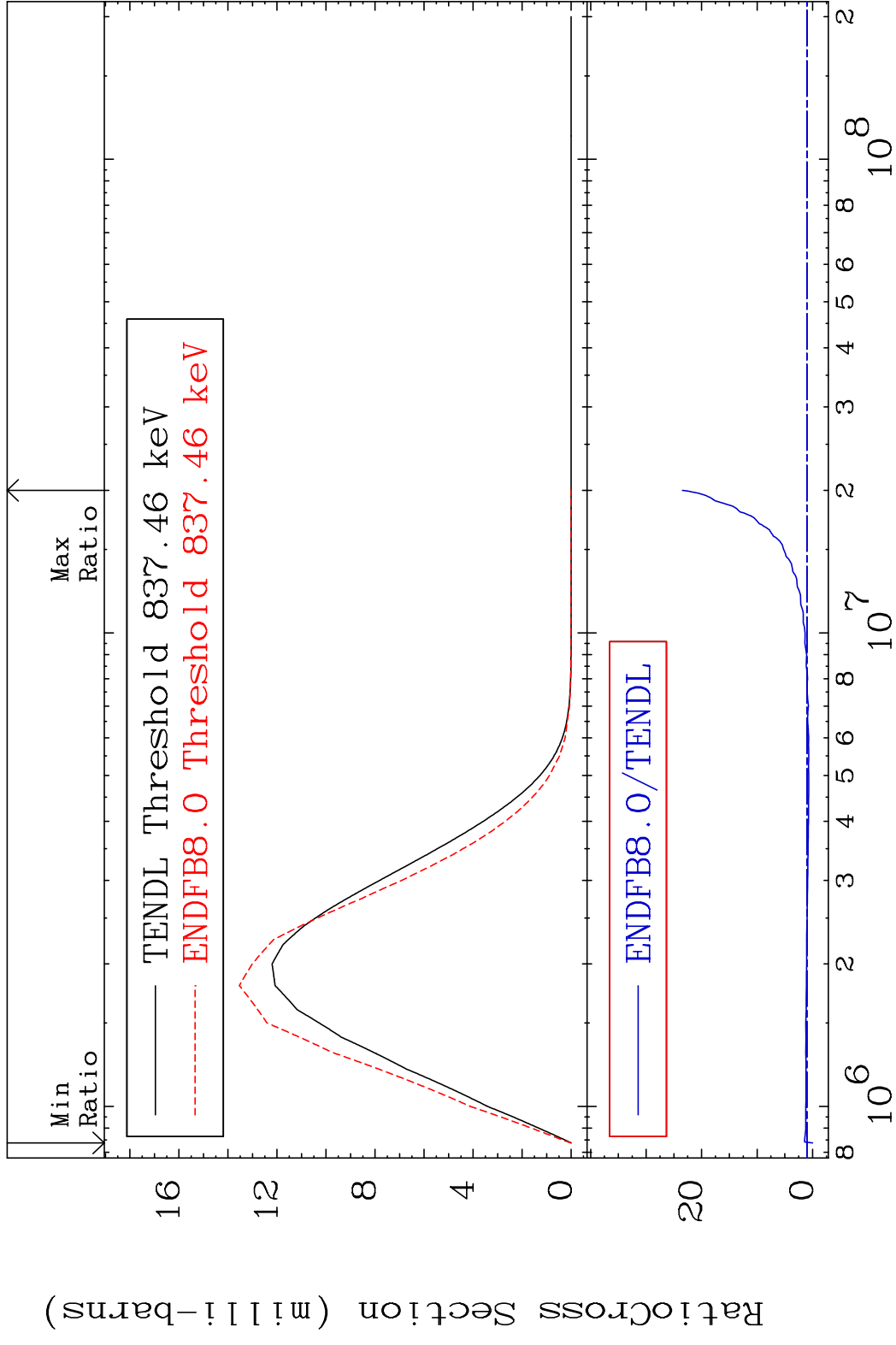
MAT 5228 MT= 67 (n, n') Level 52-Te-121
 Cross Section -100.0 To 1864. %



MAT 5228 MT= 68 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2253. %

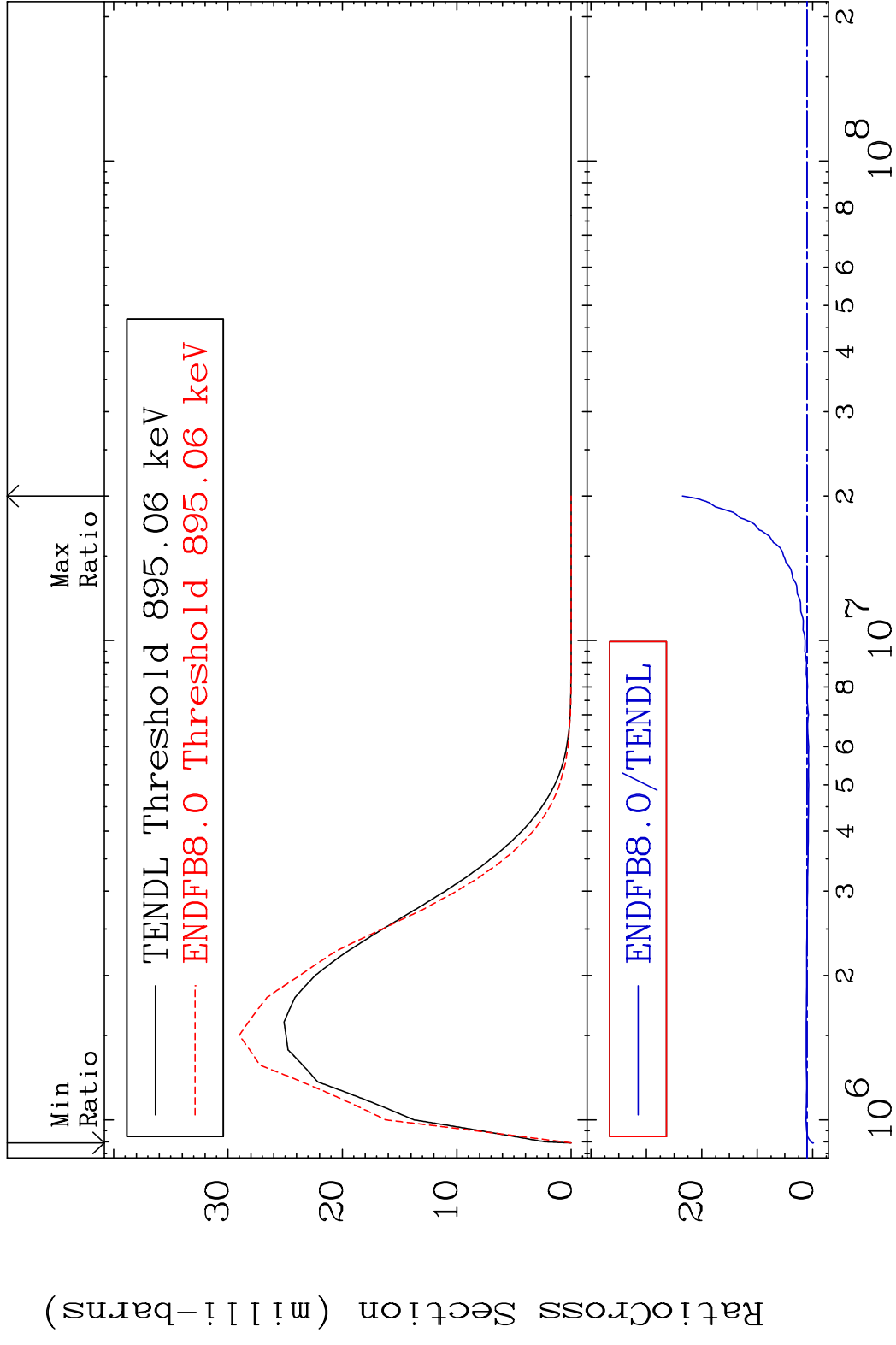


MAT 5228 MT= 69 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2247. %



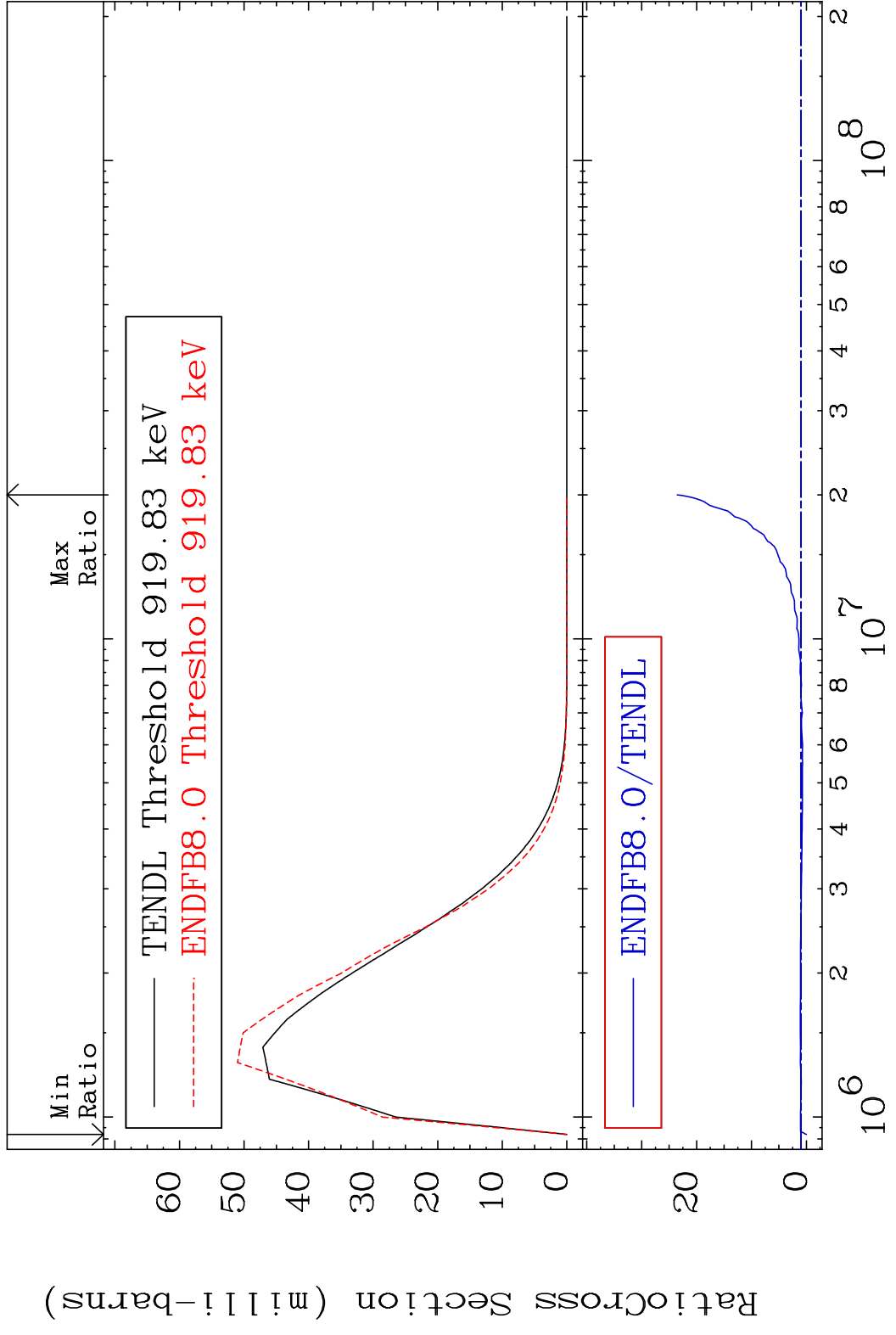
23 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 70 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2251. %



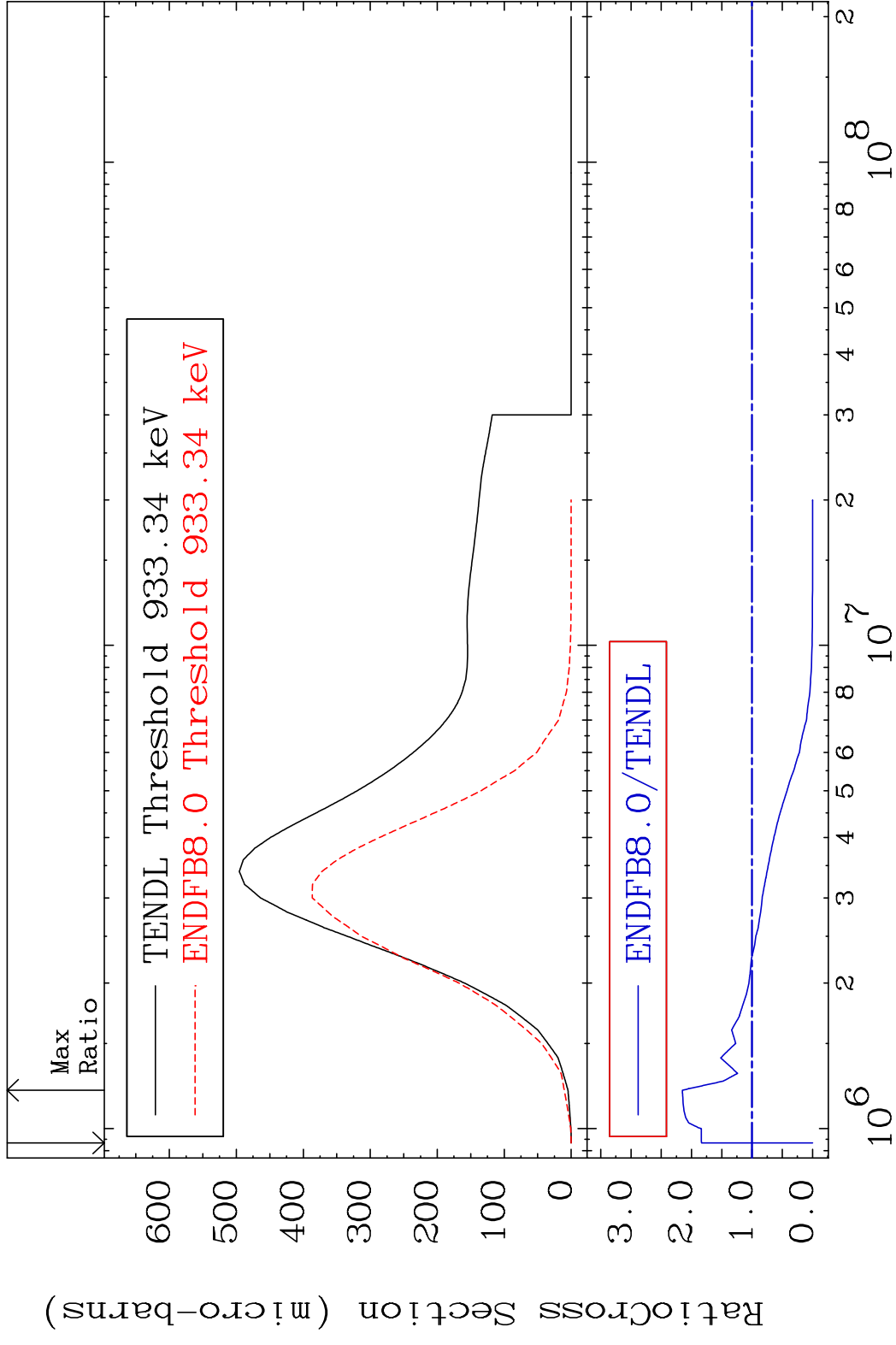
24 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 71 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2253. %

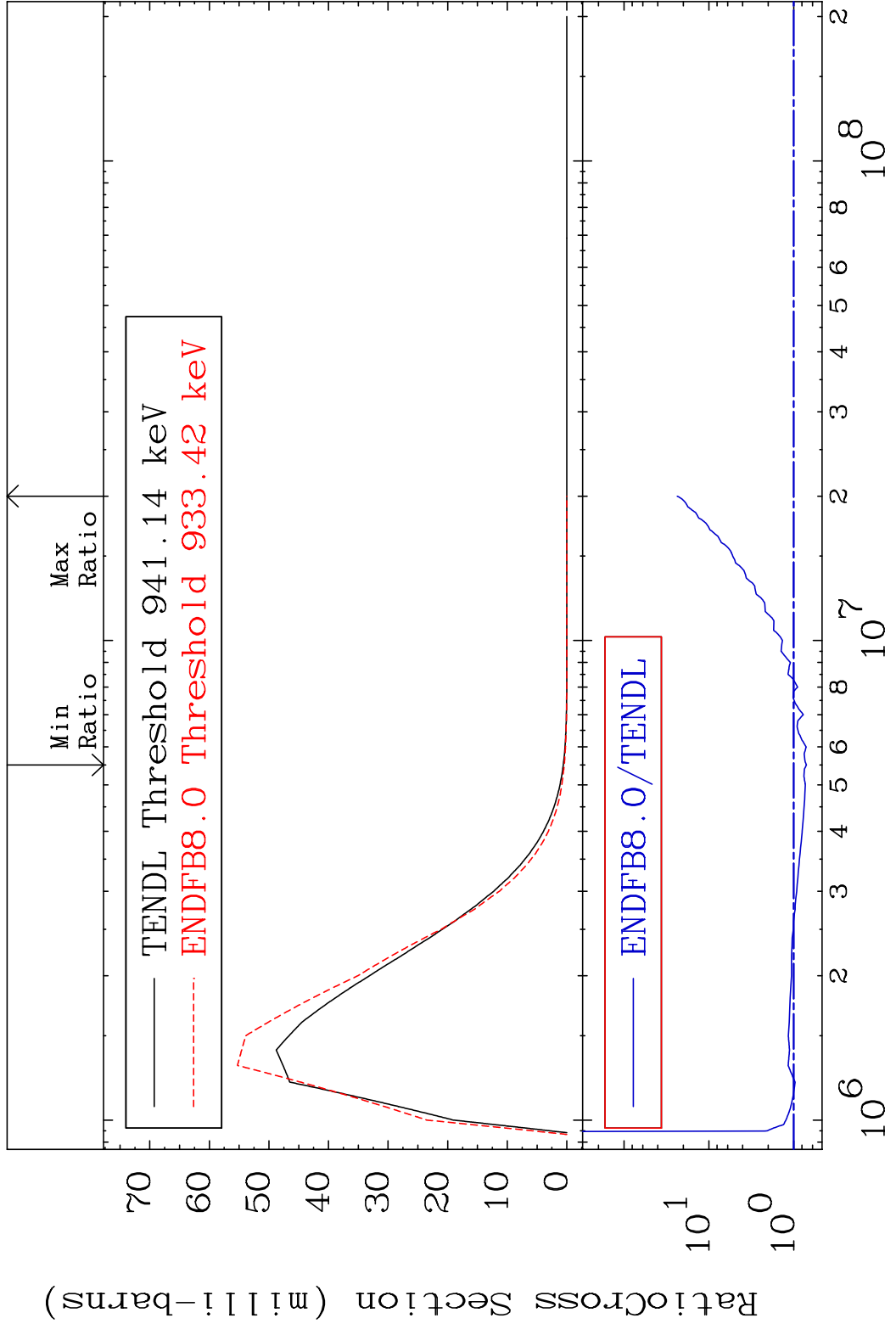


25 Incident Energy (eV) 52-Te-121

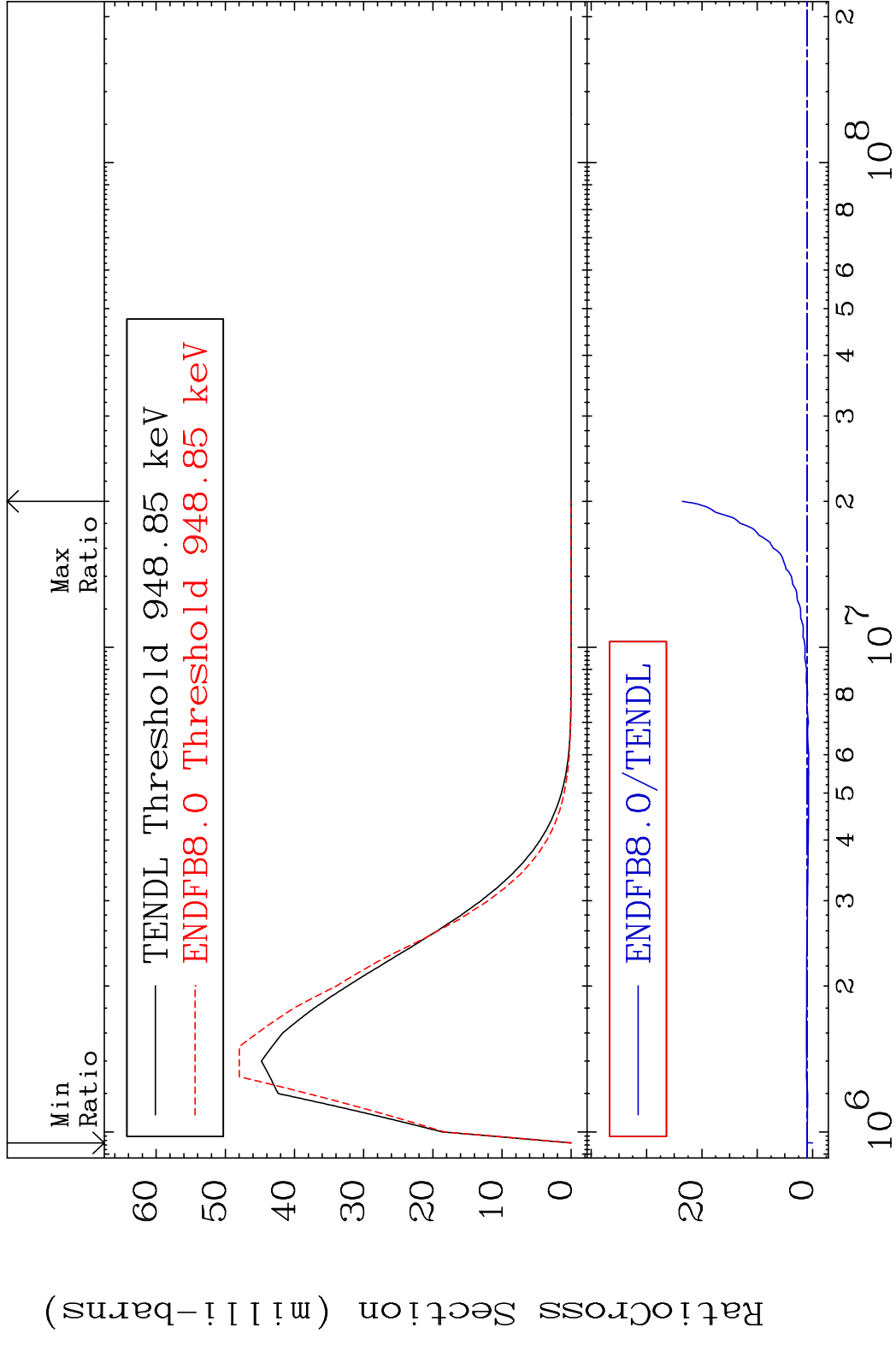
MAT 5228 MT= 72 (n, n') Level 52-Te-121
 Cross Section -100.0 To 115.1 %



MAT 5228 MT= 73 (n, n') Level 52-Te-121
 Cross Section -29.22 To 2258. %

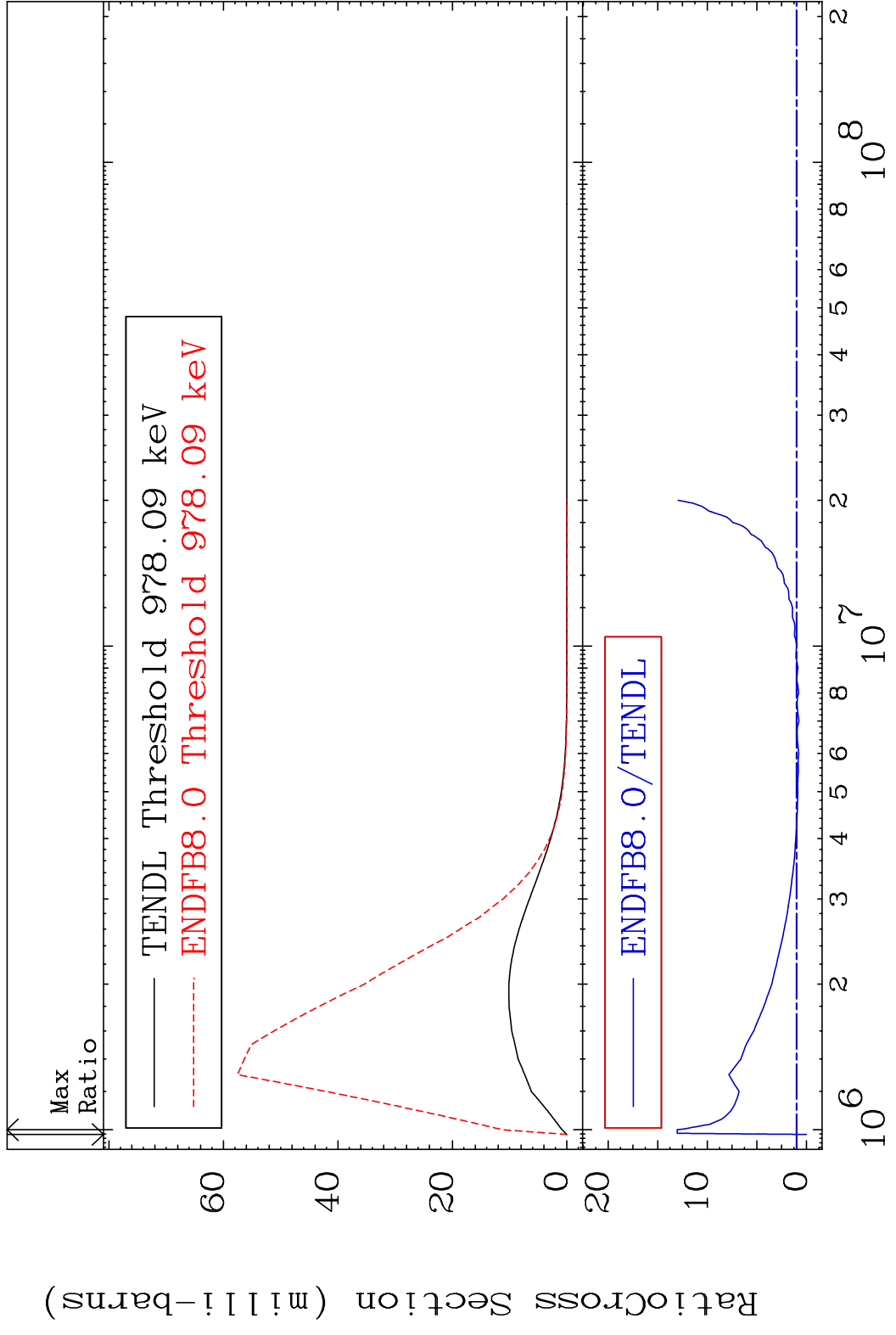


MAT 5228 MT= 74 (n, n') Level 52-Te-121
 Cross Section -100.0 To 2253. %



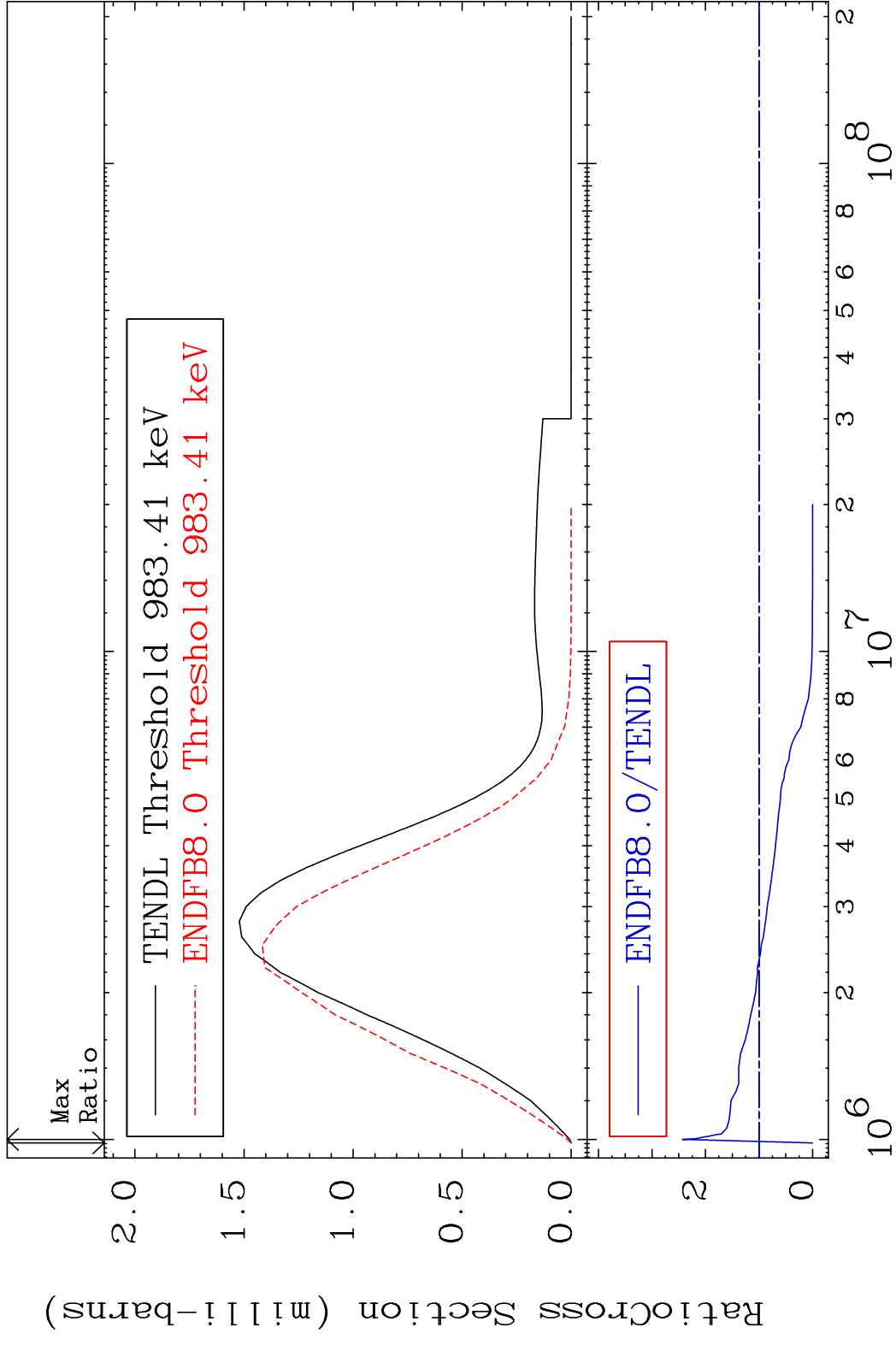
28 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 75 (n,n') Level 52-Te-121
 Cross Section -100.0 To 1203. %



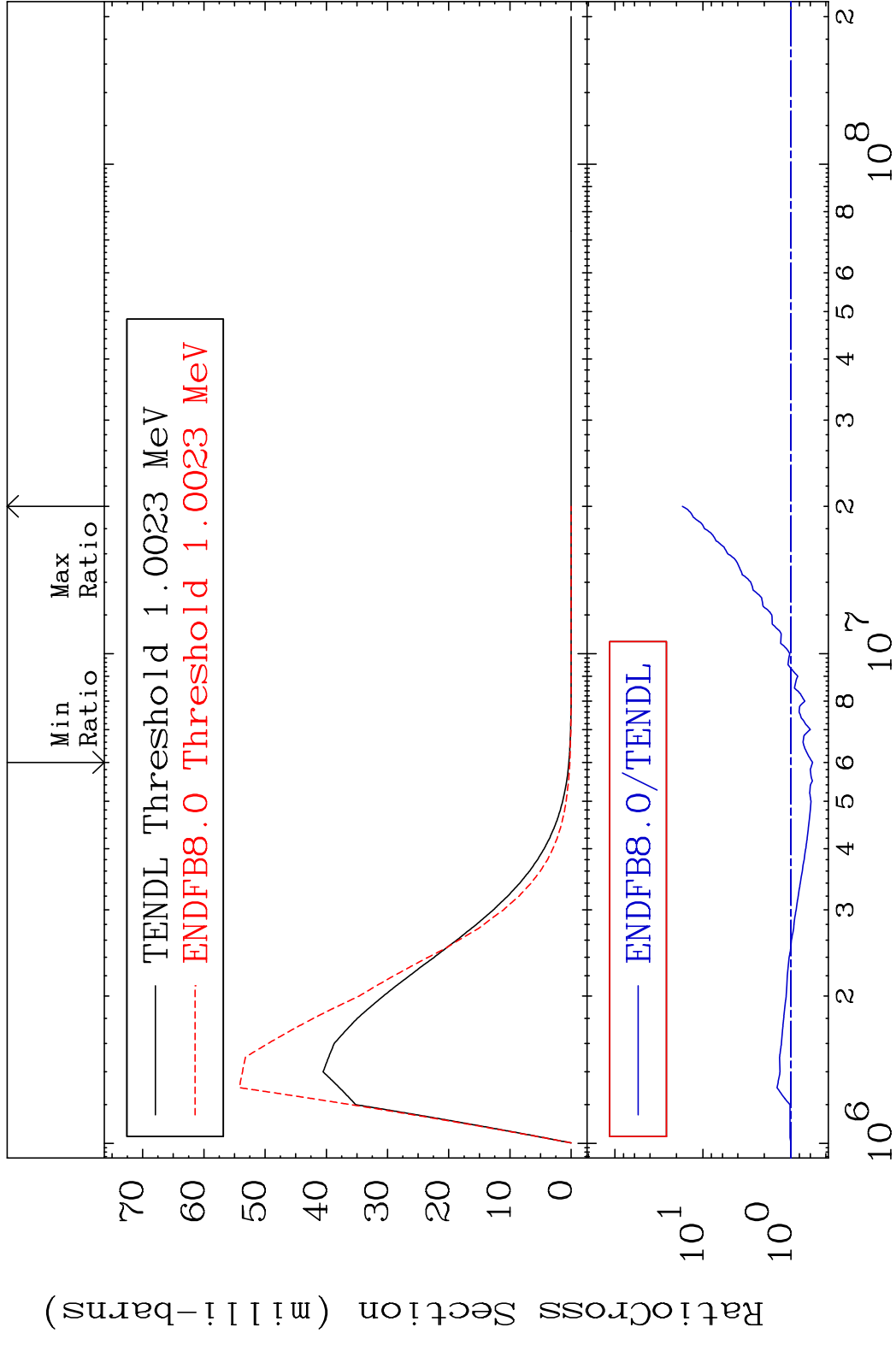
29 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 76 (n,n') Level 52-Te-121
 Cross Section -100.0 To 143.2 %



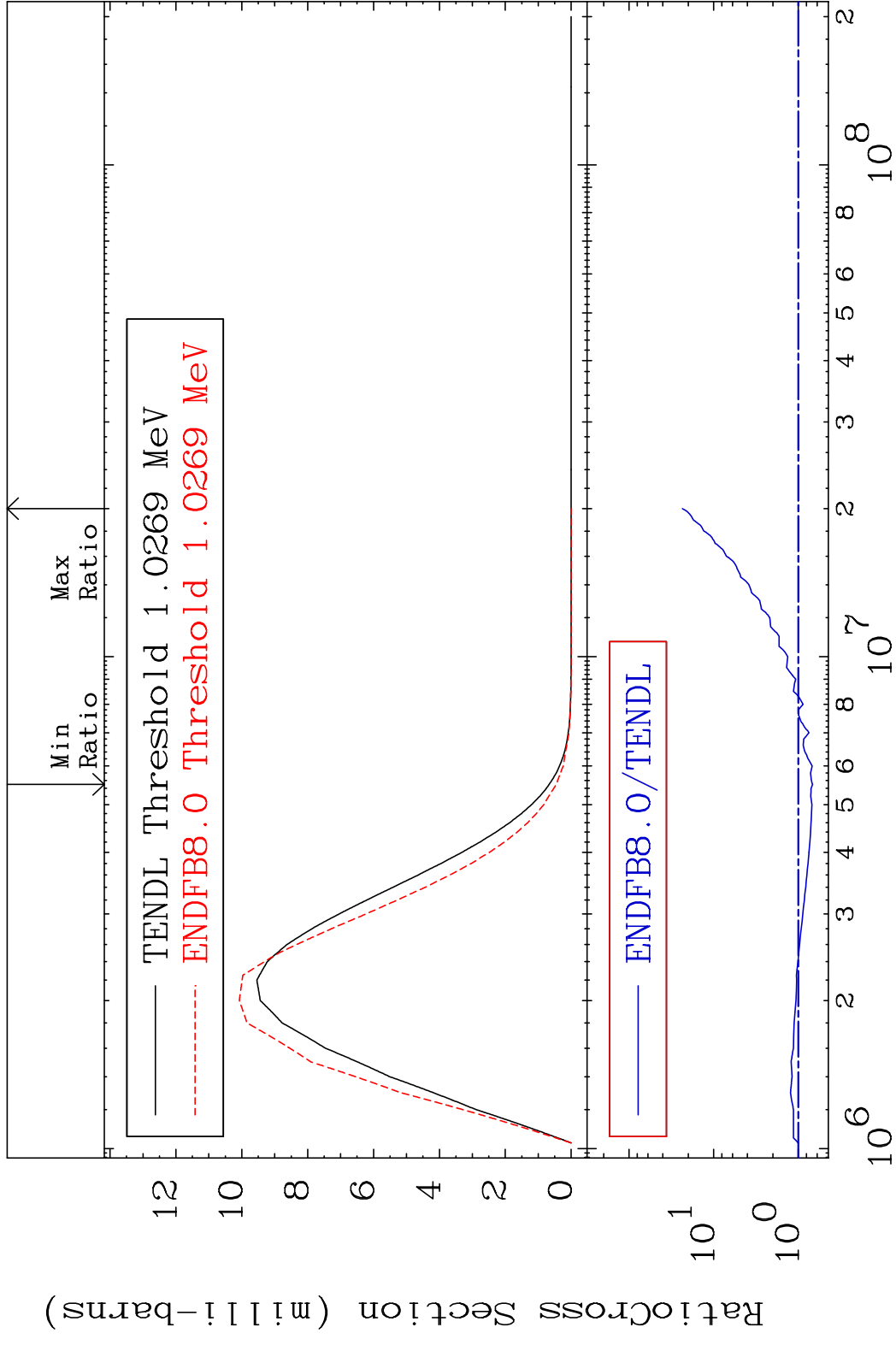
30 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 77 (n, n') Level 52-Te-121
 Cross Section -43.39 To 1613. %



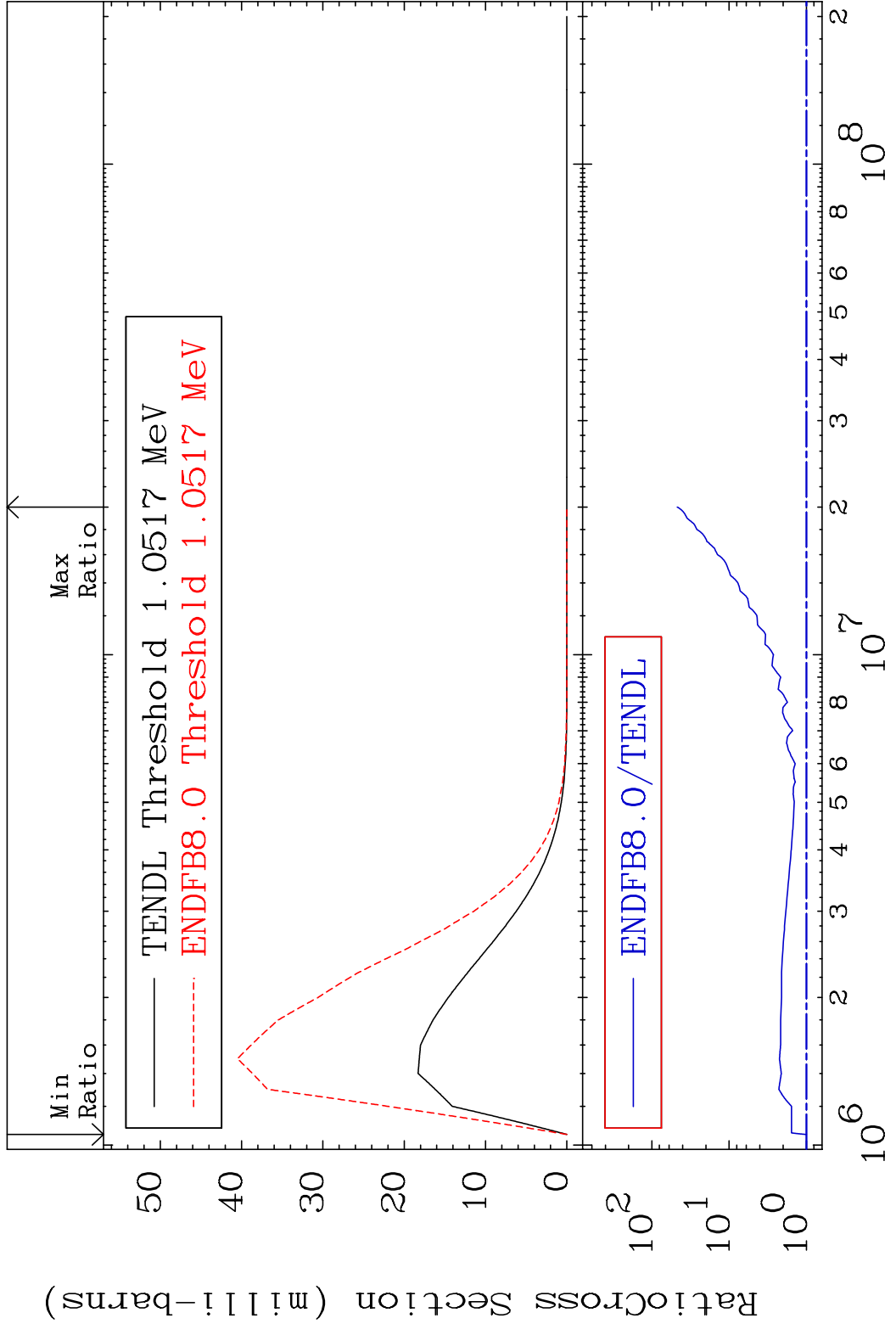
31 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 78 (n, n') Level 52-Te-121
 Cross Section -32.07 To 2247. %



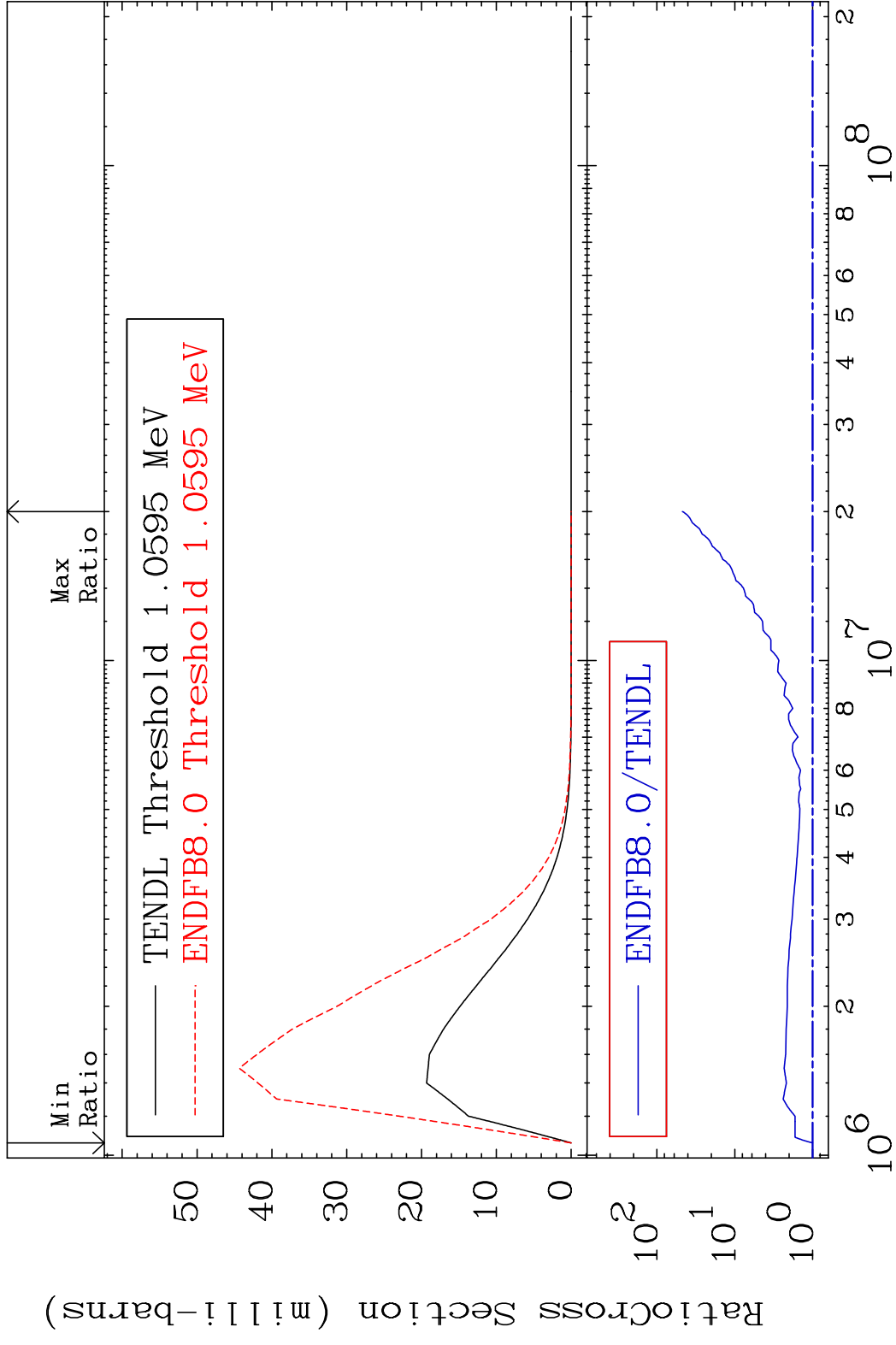
32 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 79 (n, n') Level 52-Te-121
 Cross Section 0.000 To 4607. %



33 Incident Energy (eV) 52-Te-121

MAT 5228 MT= 80 (n, n') Level 52-Te-121
 Cross Section 0.000 To 4614. %

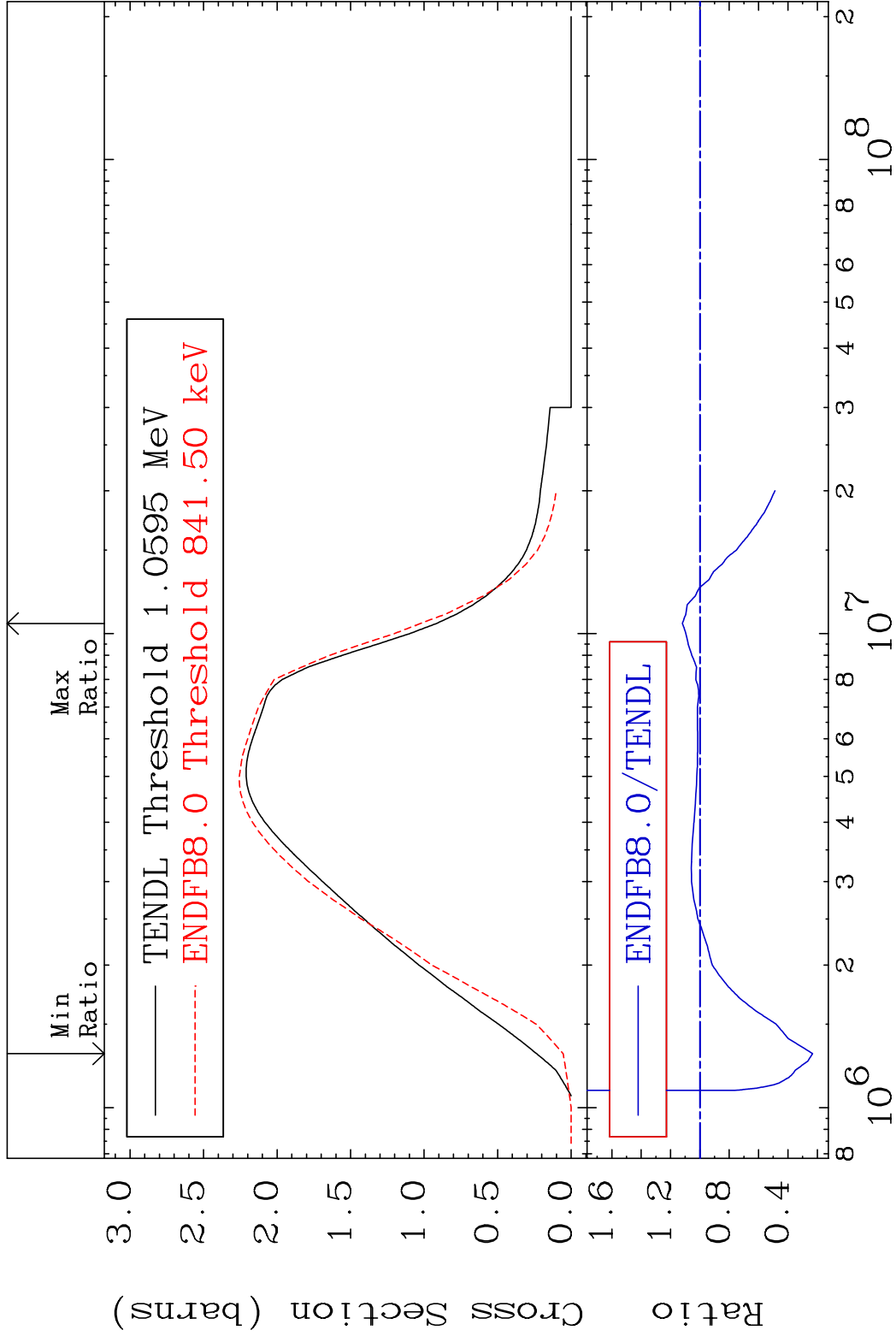


MAT 5228

(n, n') Continuum

52-Te-121

Cross Section -76.77 To 11.94 %



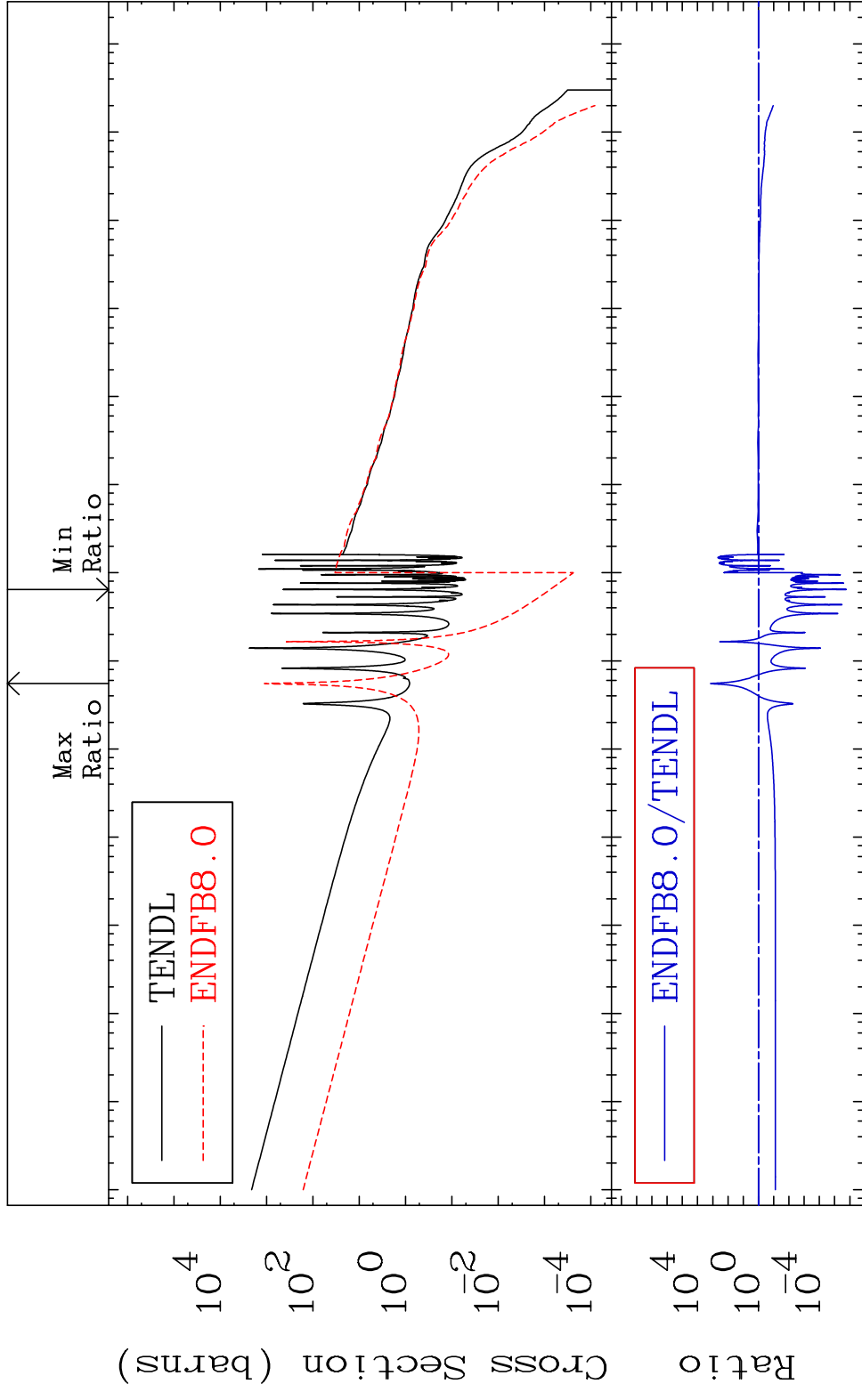
35

Incident Energy (eV)

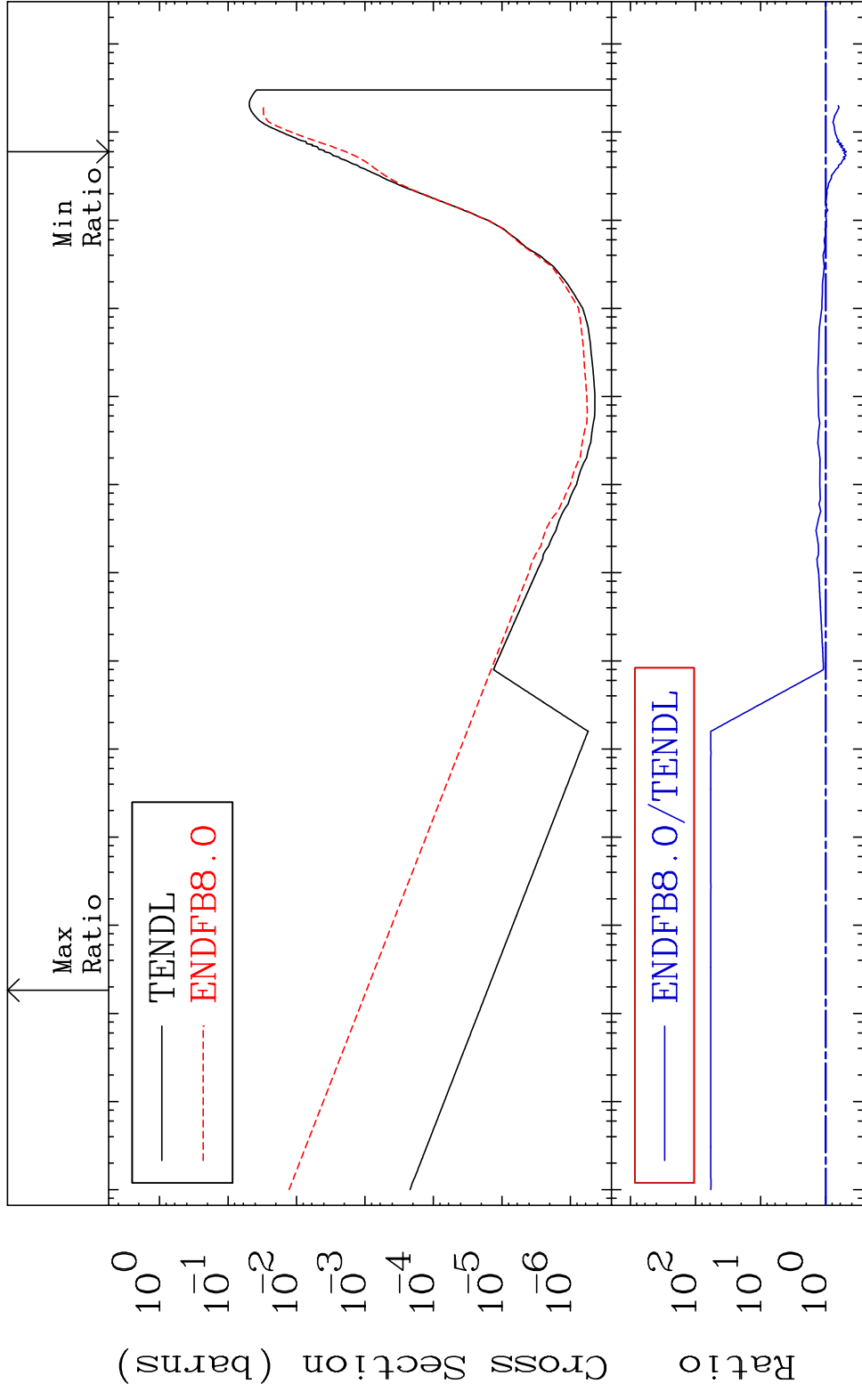
52-Te-121

MAT 5228

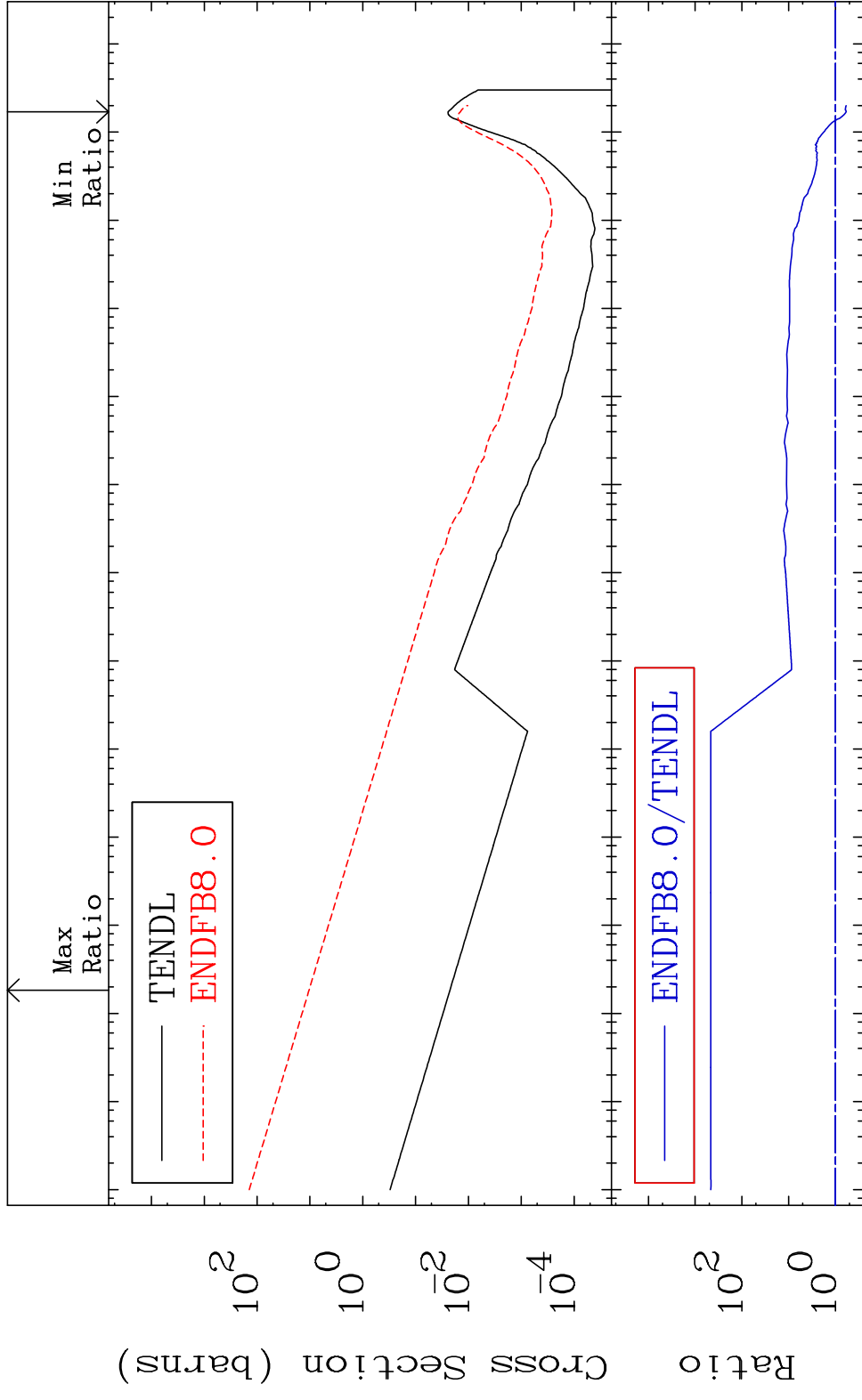
(n, γ)
Cross Section -100.0 To 9999. %
52-Te-121



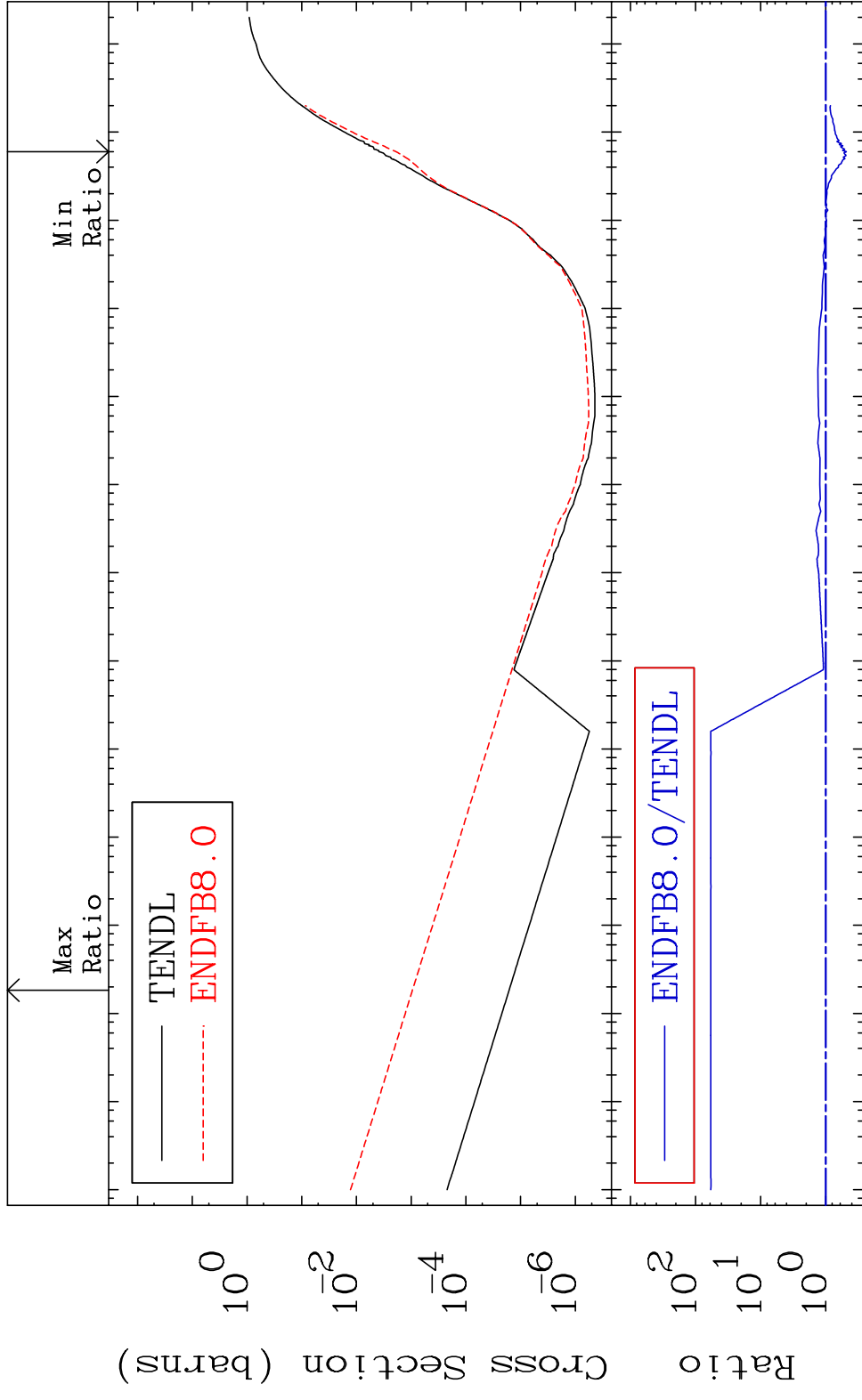
MAT 5228 (n,p) 52-Te-121
 Cross Section -51.54 To 5750. %



MAT 5228 (n, α) 52-Te-121
 Cross Section -41.63 To 9999. %



MAT 5228 Hydrogen Production 52-Te-121
 Cross Section -51.54 To 5750. %



Ratio
 Cross Section (barns)

10⁰
 10⁻²
 10⁻⁴
 10⁻⁶
 10²
 10¹
 10⁰

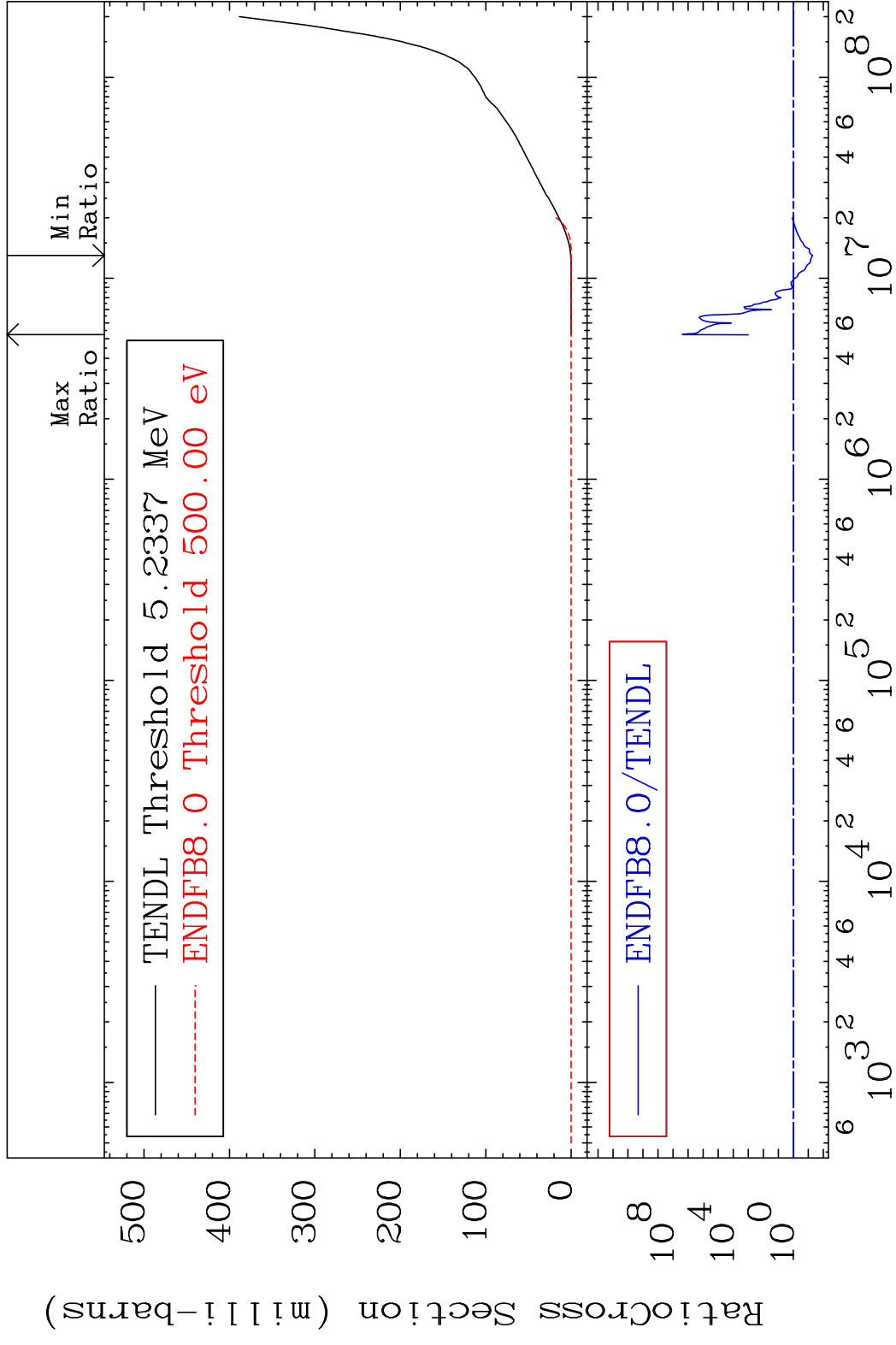
39 Incident Energy (eV) 52-Te-121

MAT 5228

Deuterium Production

52-Te-121

Cross Section -94.74 To 9999. %



40

Incident Energy (eV)

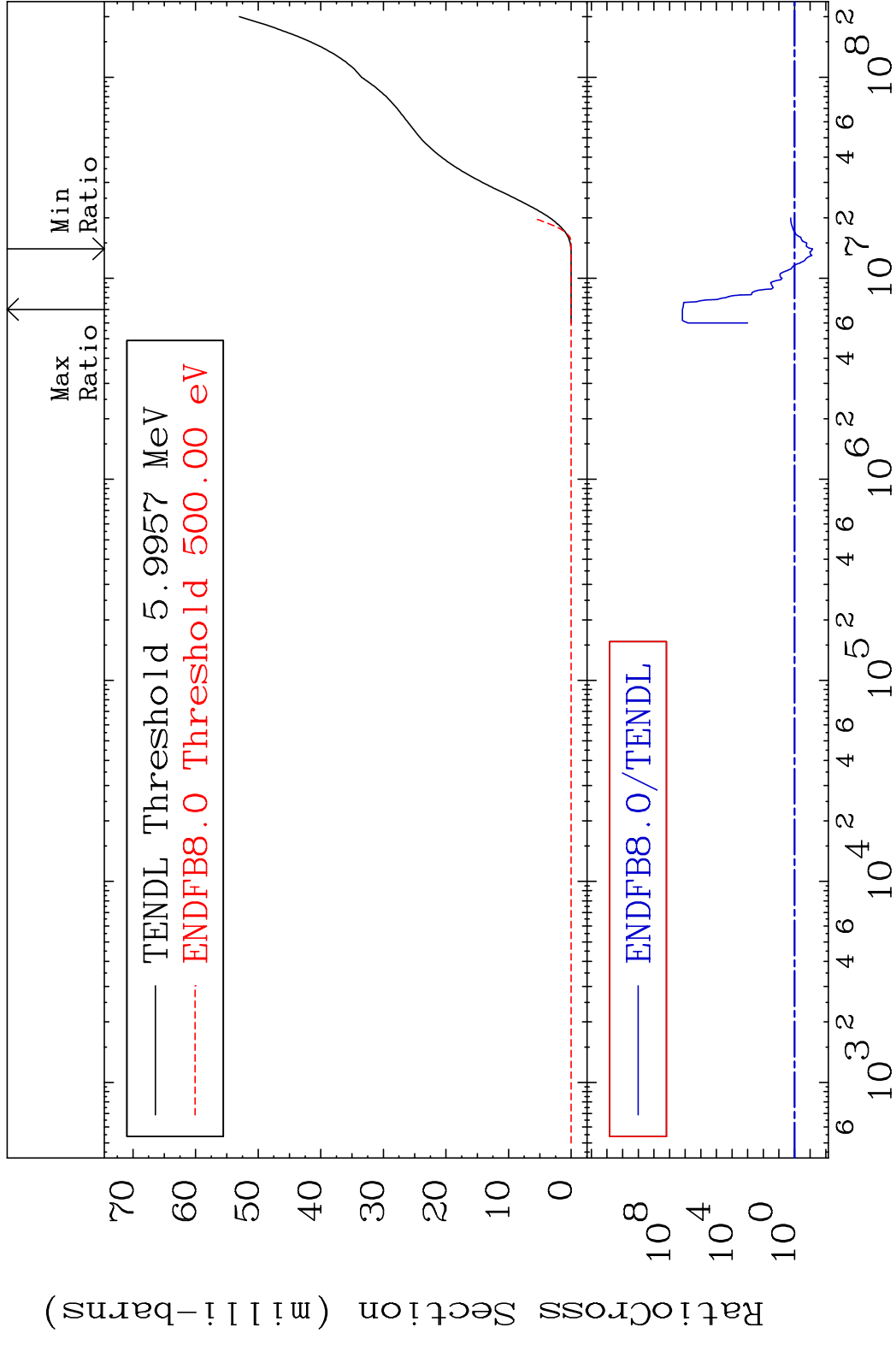
52-Te-121

MAT 5228

Tritium Production

52-Te-121

Cross Section -93.00 To 9999. %



MAT 5228

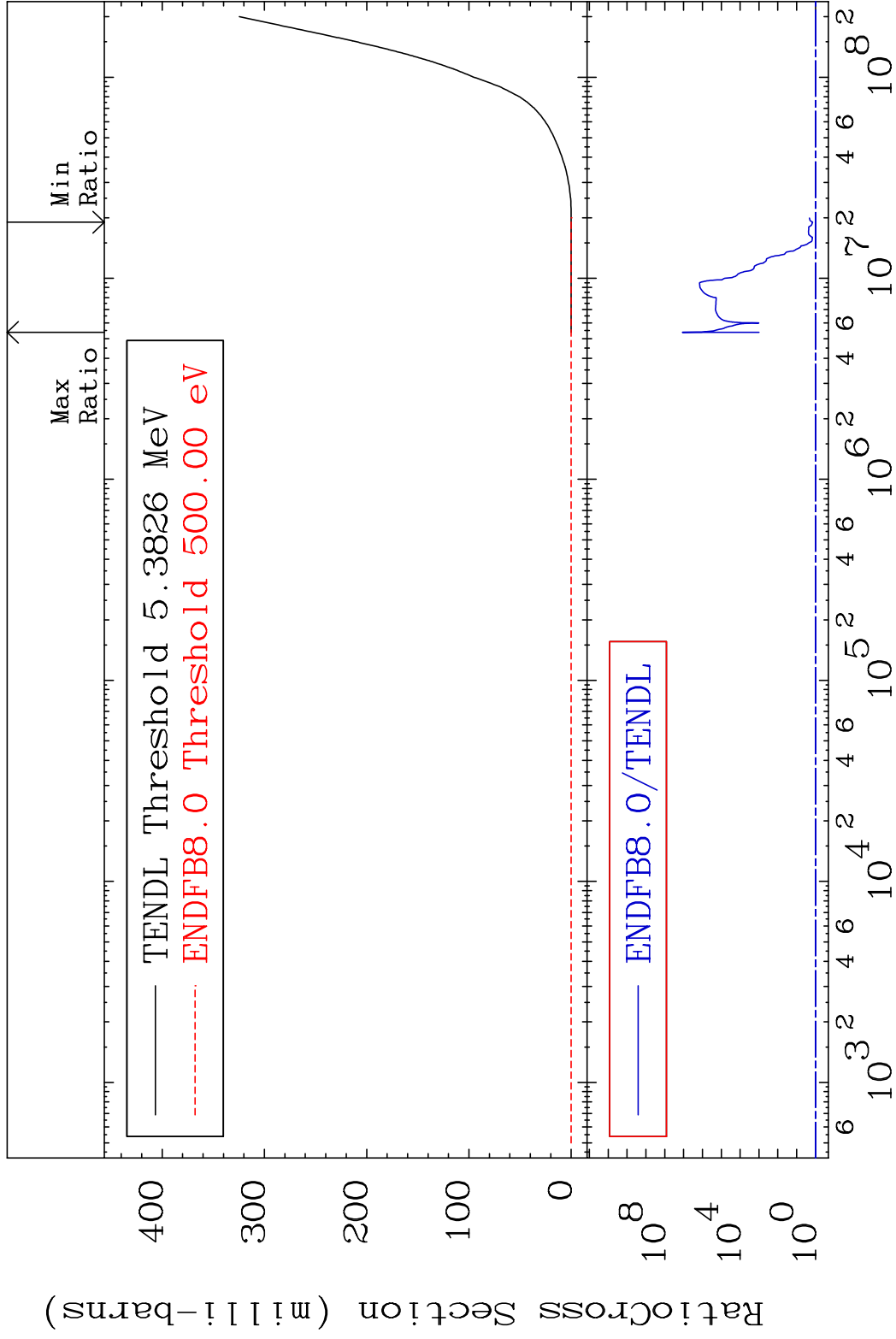
He-3 Production

52-Te-121

Cross Section

43.49

To 9999. %

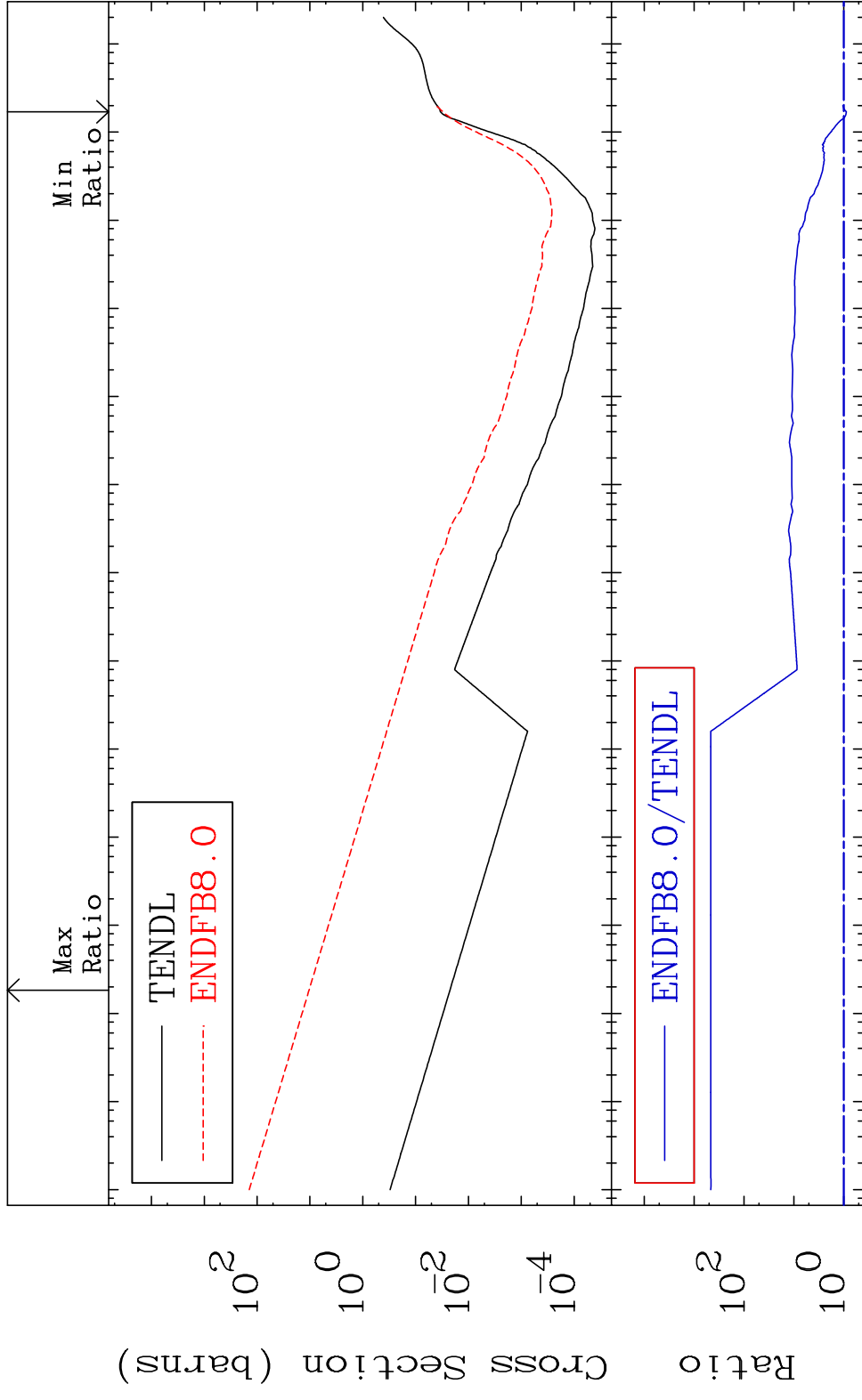


42

Incident Energy (eV)

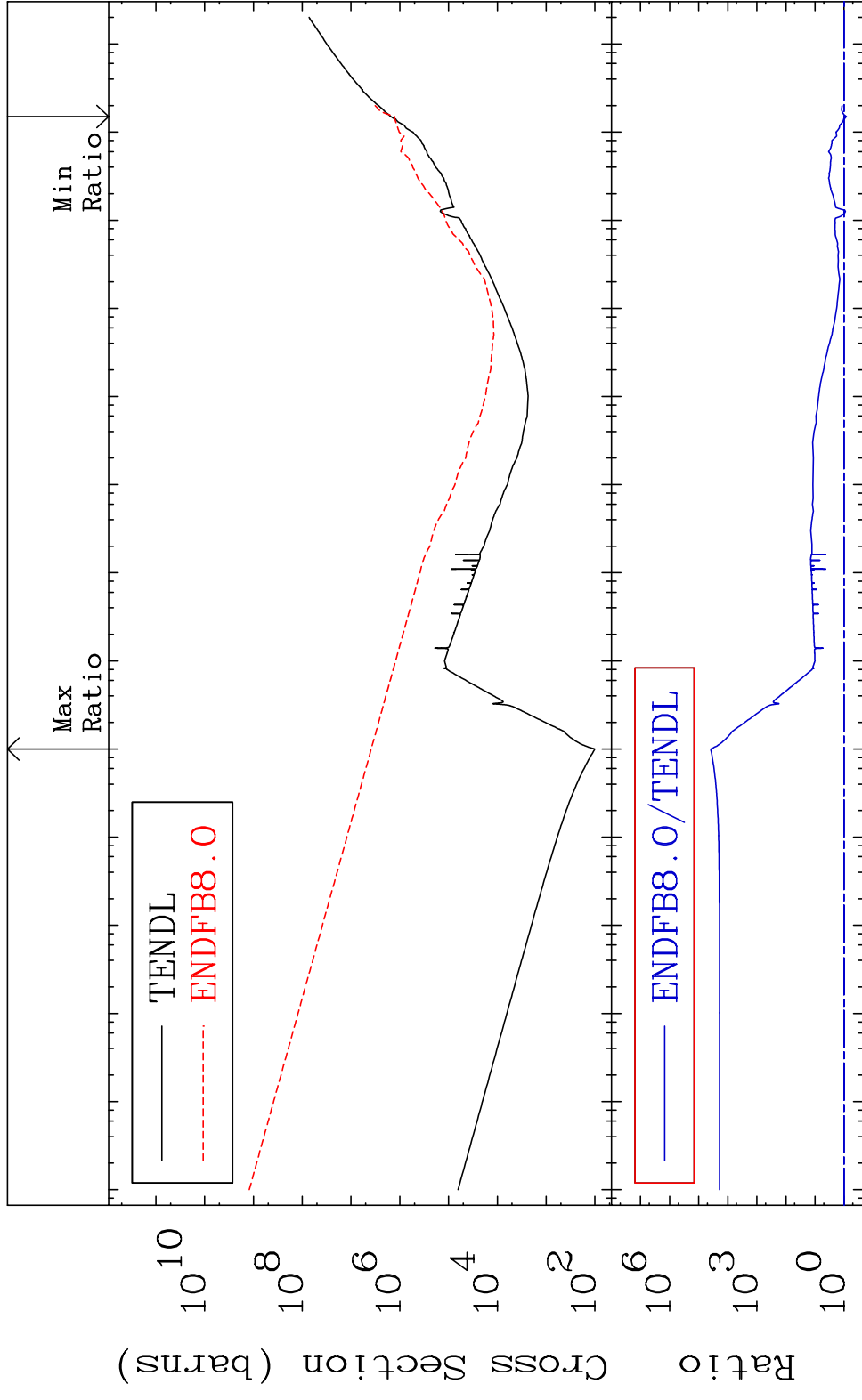
52-Te-121

MAT 5228 He-4 Production 52-Te-121
 Cross Section -11.45 To 9999. %



43 Incident Energy (eV) 52-Te-121

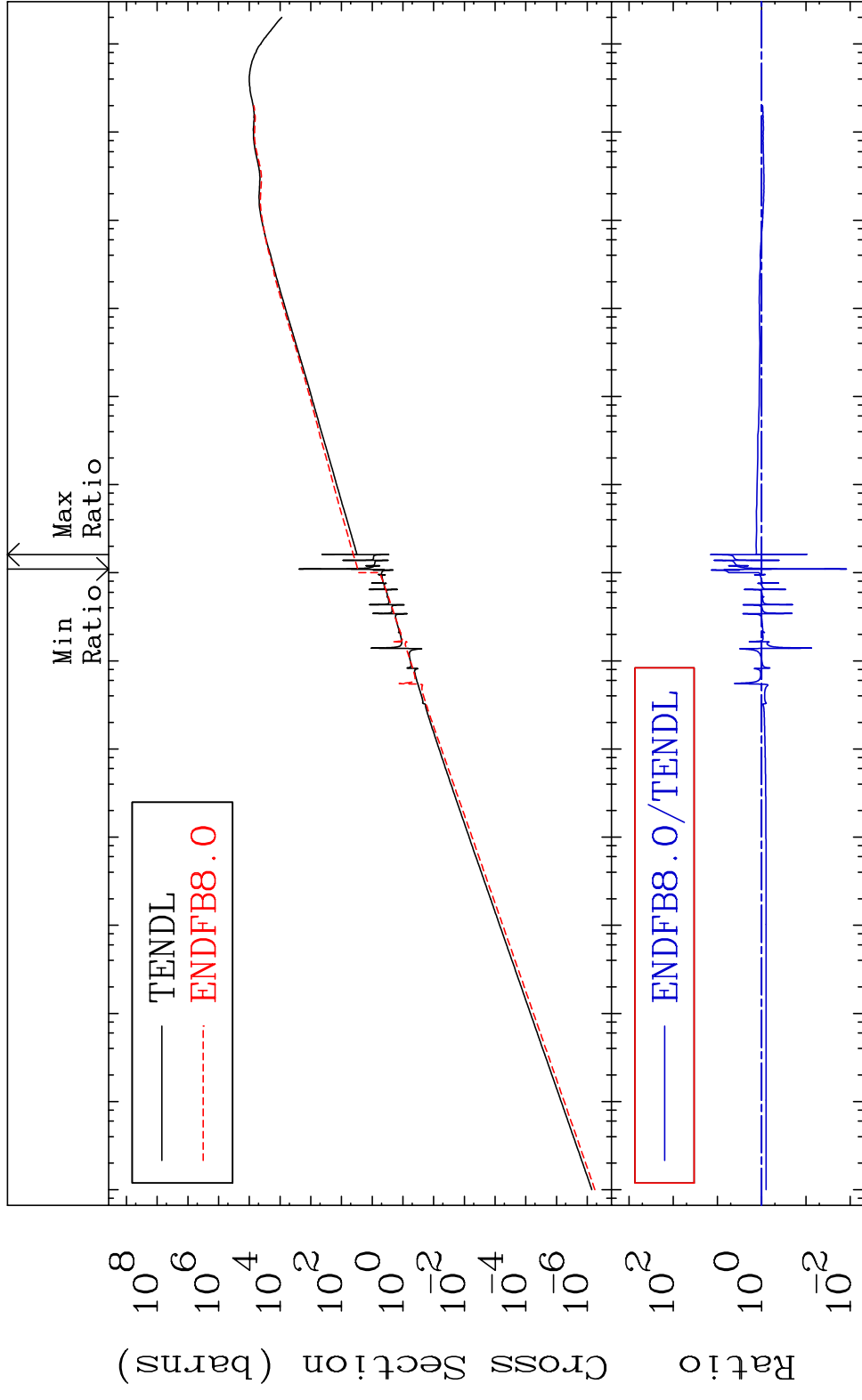
MAT 5228 Kerma total (eV-barns) 52-Te-121
 Cross Section -16.06 To 9999. %



MAT 5228

Kerma elastic
Cross Section -98.78 To 1321. %

52-Te-121
To 1321. %

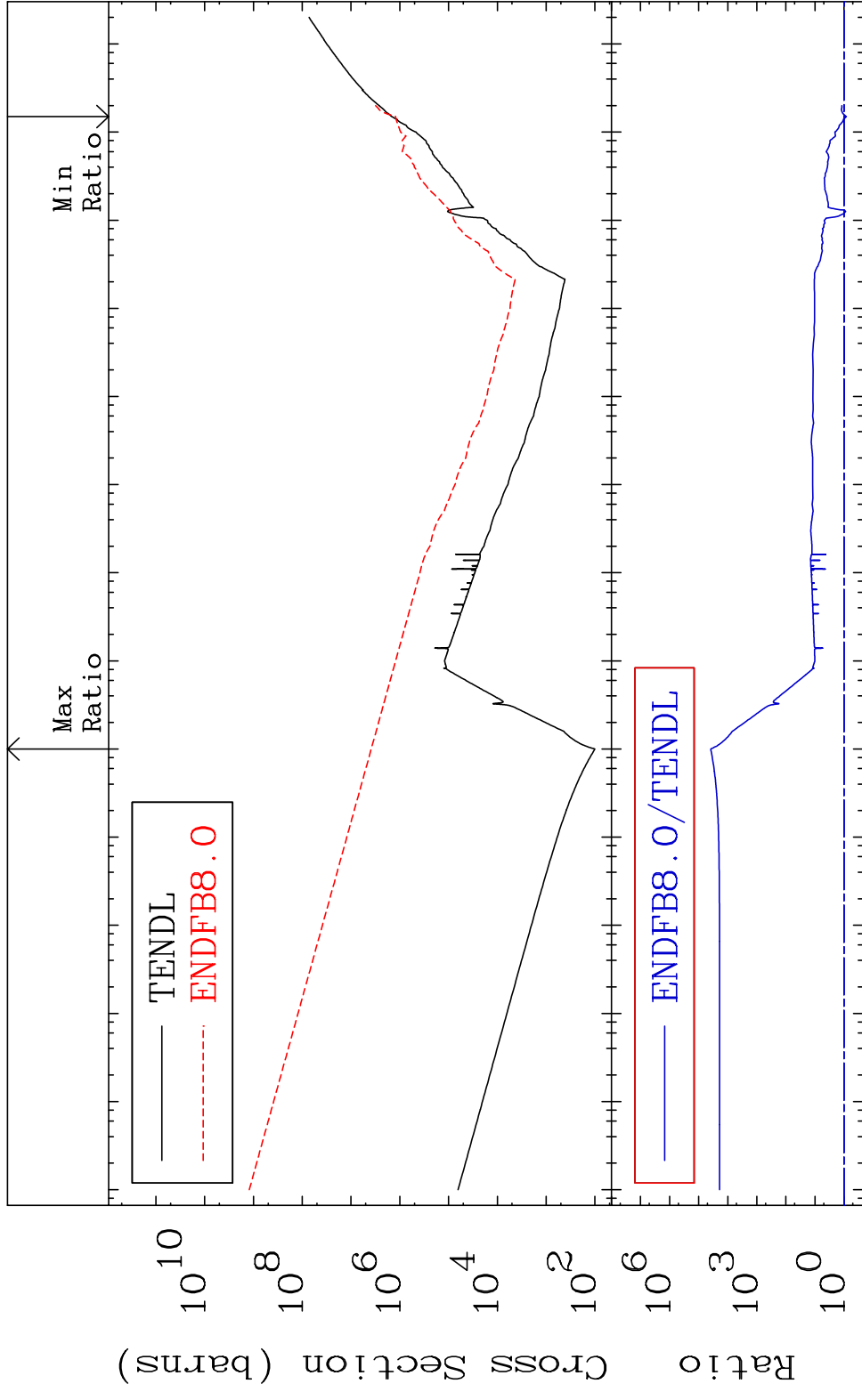


45

Incident Energy (eV)

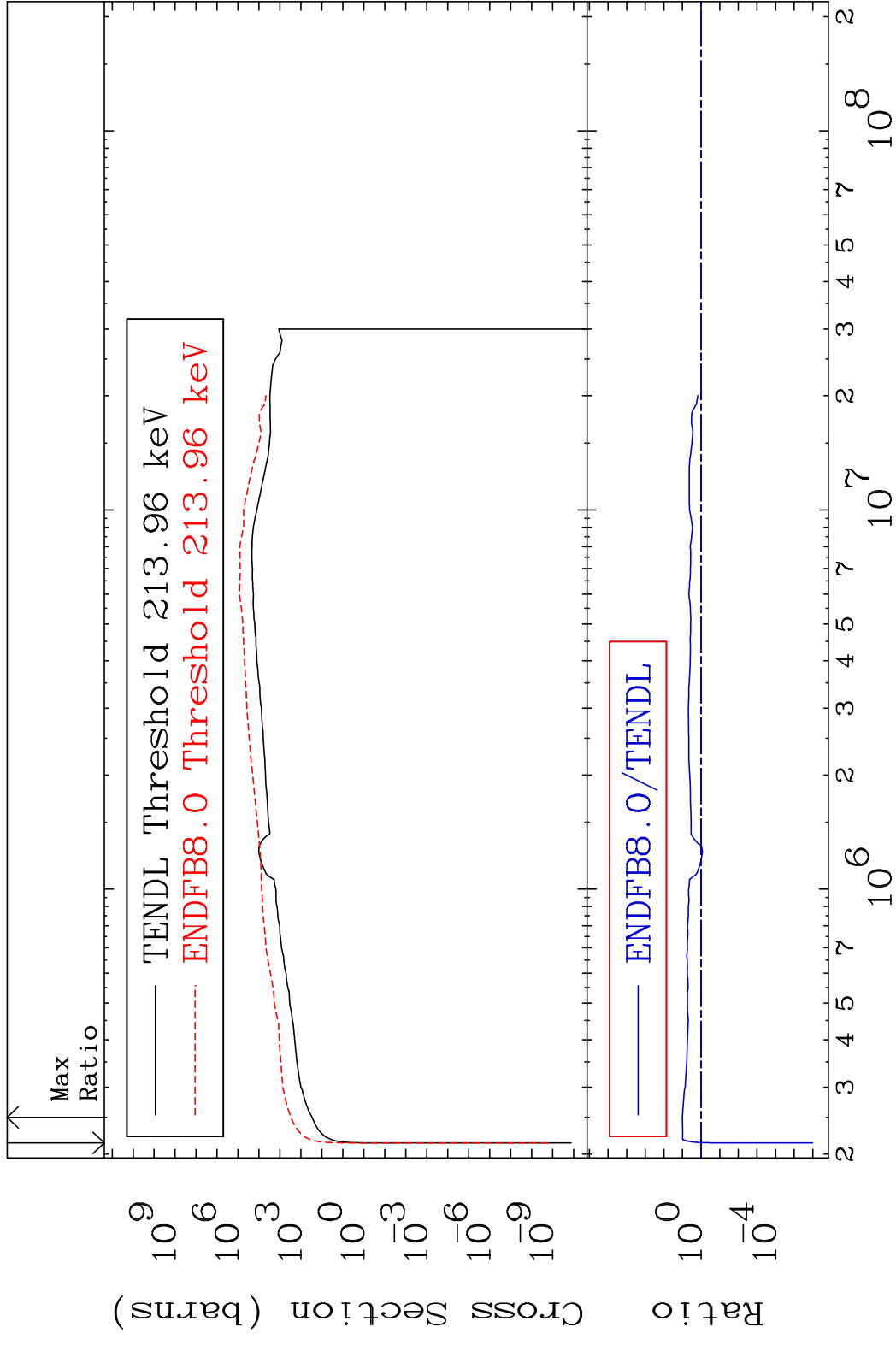
52-Te-121

MAT 5228 Kerma non-elastic (all but mt2) 52-Te-121
 Cross Section -16.48 To 9999. %

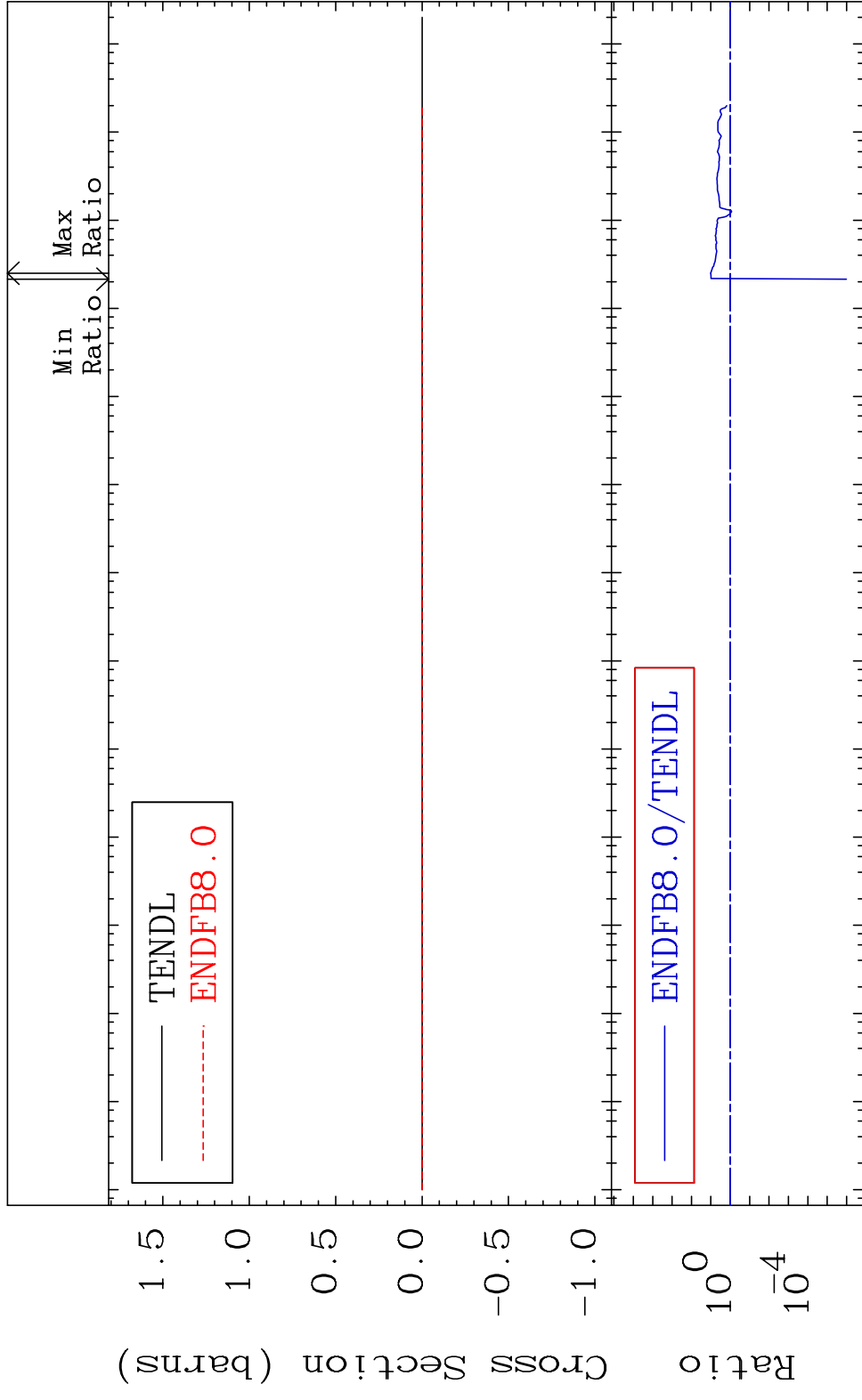


46 Incident Energy (eV) 52-Te-121

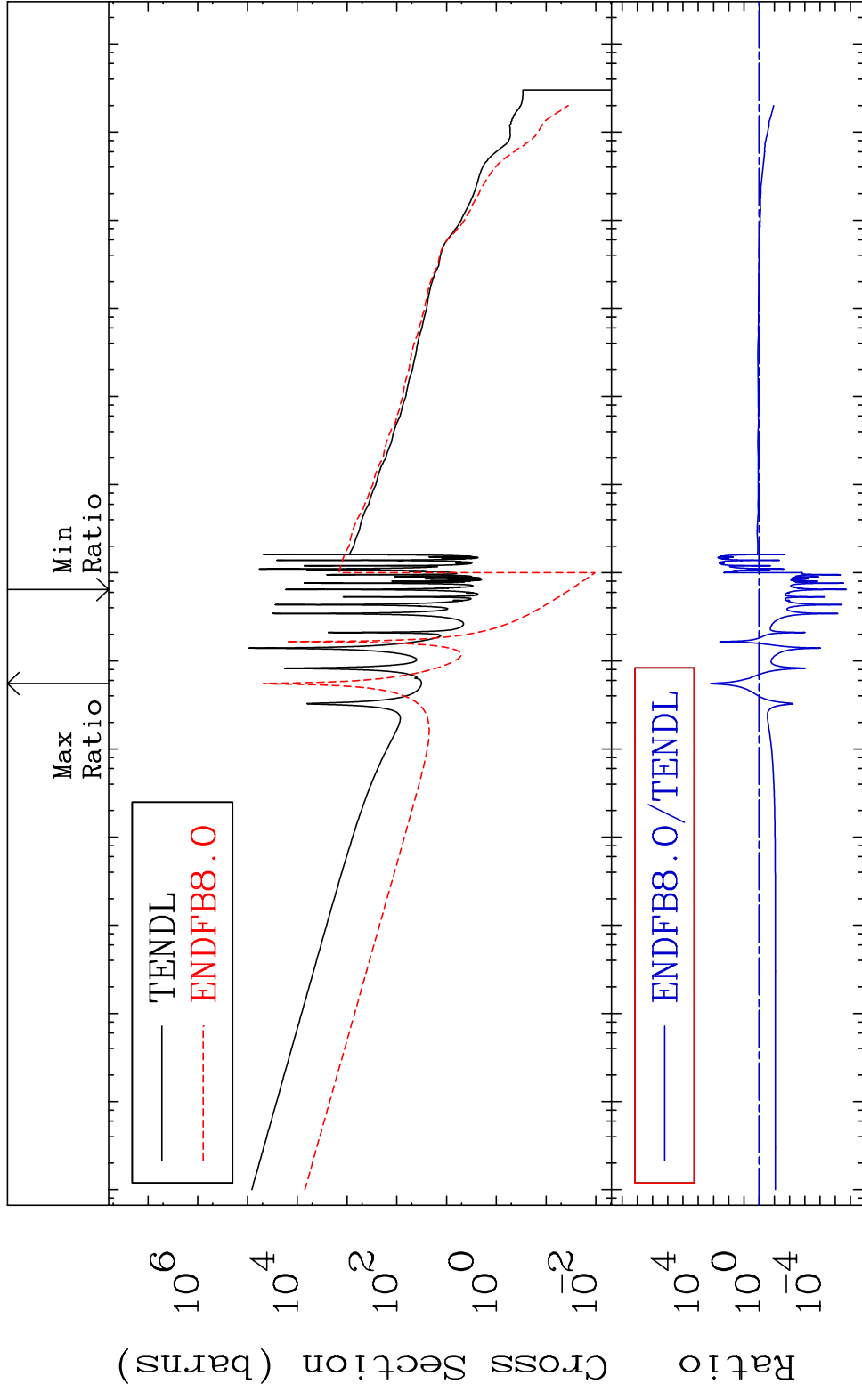
MAT 5228 Kerma inelastic (mt51-91) 52-Te-121
 Cross Section -100.0 To 918.1 %



MAT 5228 Kerma fission (mt18 or mt19-20-21-38) 52-Te-121
 Cross Section -100.0 To 918.1 %



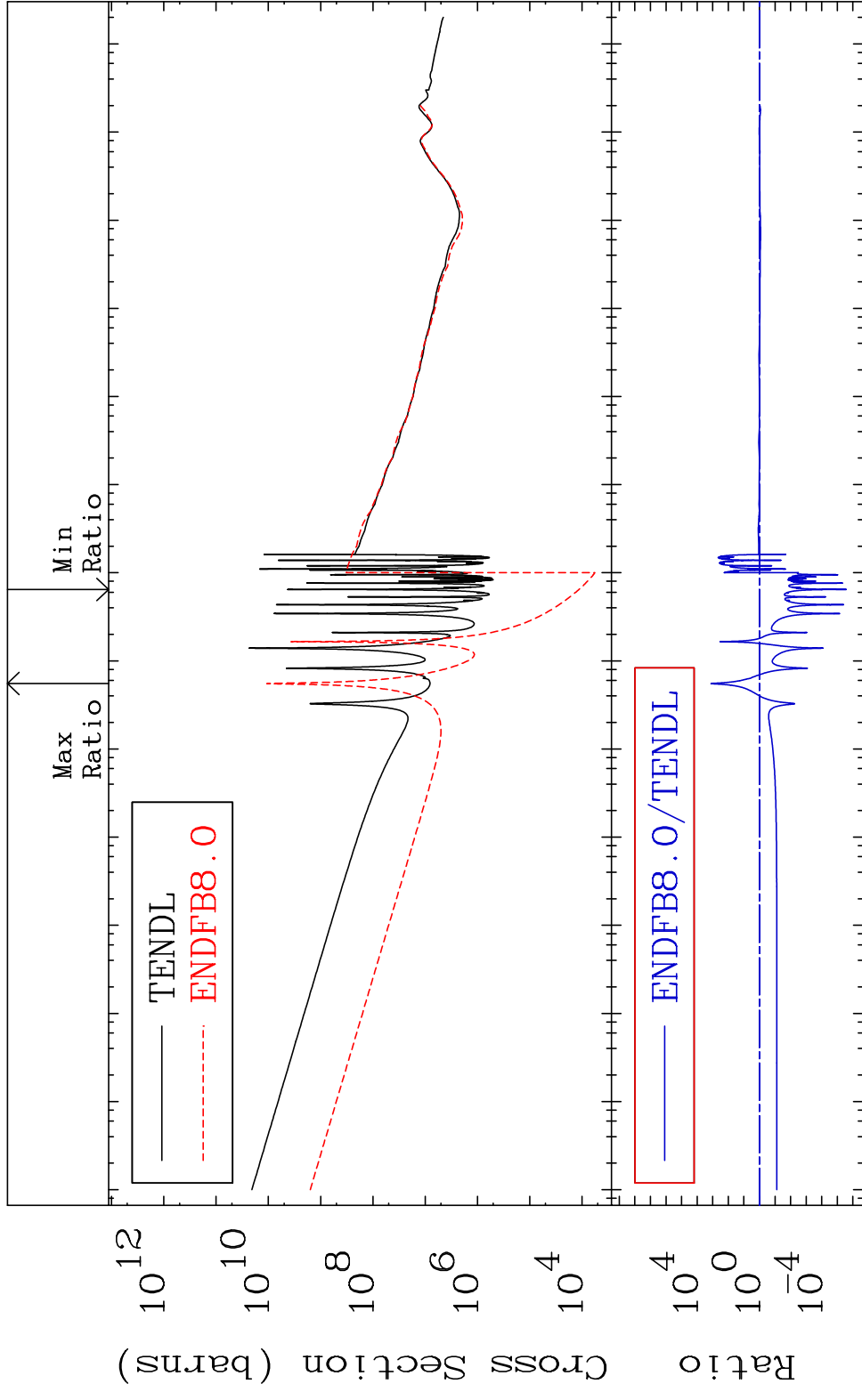
MAT 5228 Kerma capture (mt102) 52-Te-121
 Cross Section -100.0 To 9999. %



Ratio
 10⁶
 10⁴
 10²
 10⁰
 10⁻²
 10⁴
 10⁰
 10⁻⁴

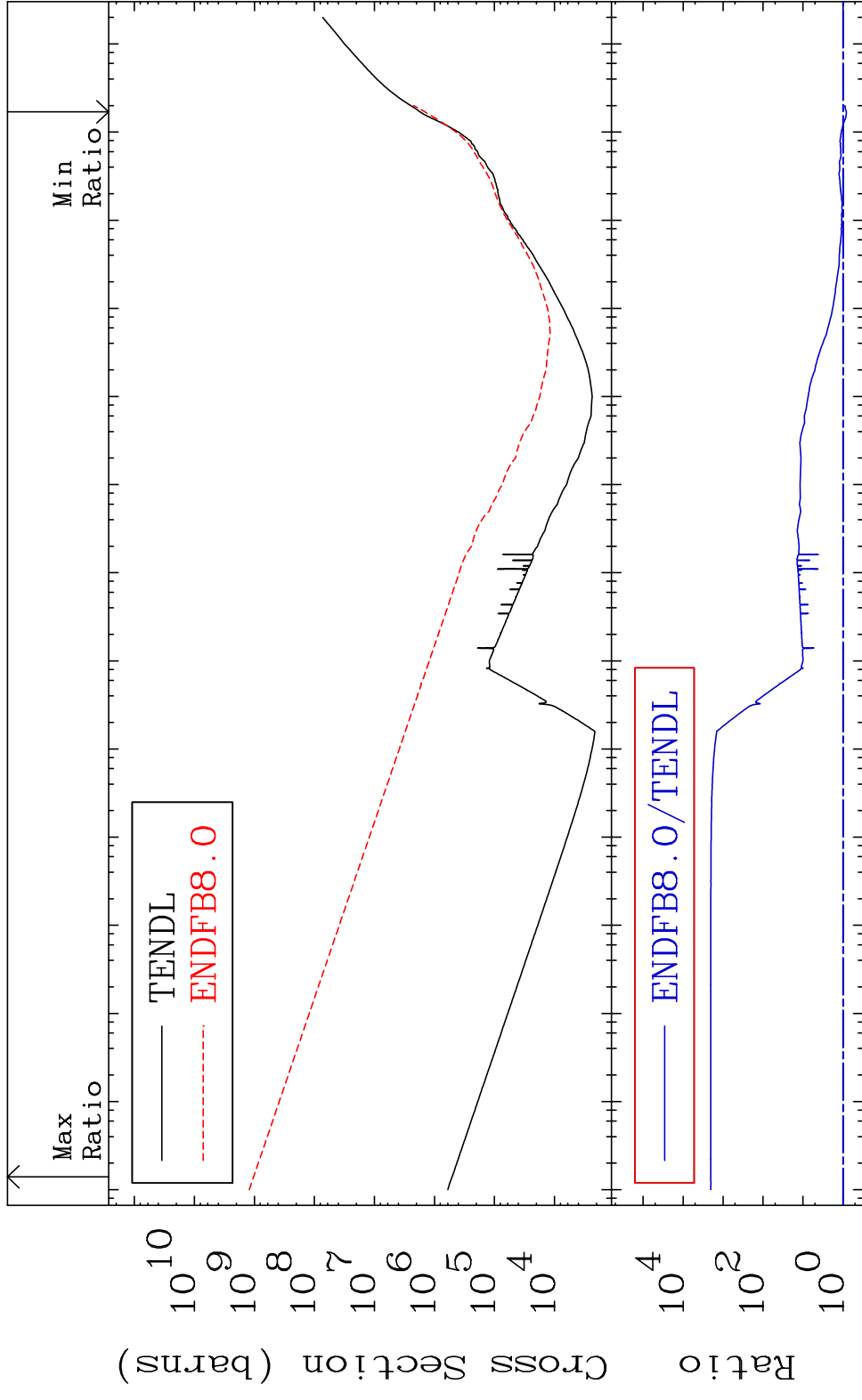
49 Incident Energy (eV) 52-Te-121

MAT 5228 Total photon (eV-barns) 52-Te-121
 Cross Section -100.0 To 9999. %



50 Incident Energy (eV) 52-Te-121

MAT 5228 Total kinematic kerma (high limit) 52-Te-121
 Cross Section -17.71 To 9999. %

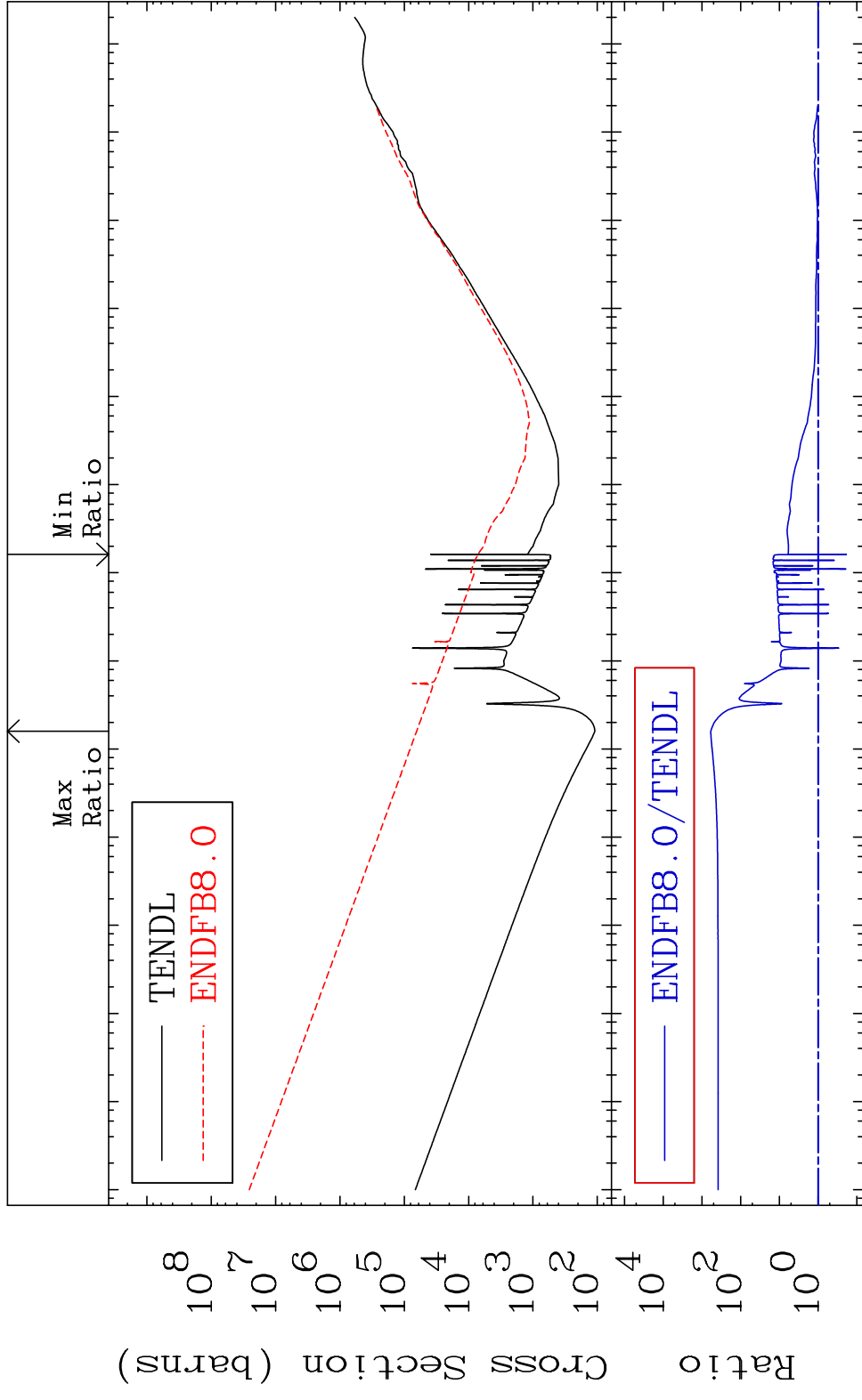


MAT 5228

Dpa total (eV-barns)

52-Te-121

Cross Section -81.44 To 9999. %



52

Incident Energy (eV)

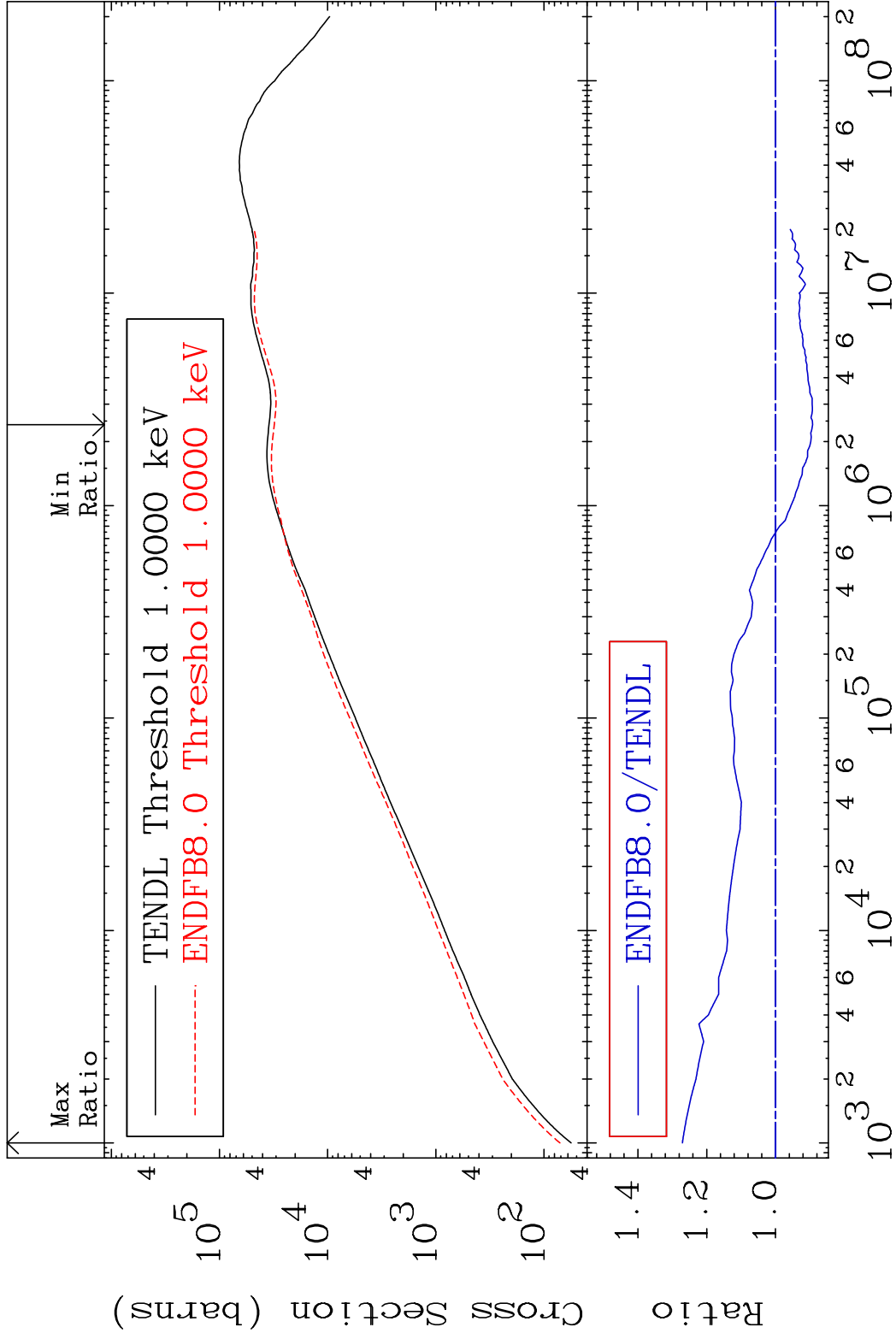
52-Te-121

MAT 5228

Dpa elastic (mt2)

52-Te-121

Cross Section -10.76 To 27.07 %

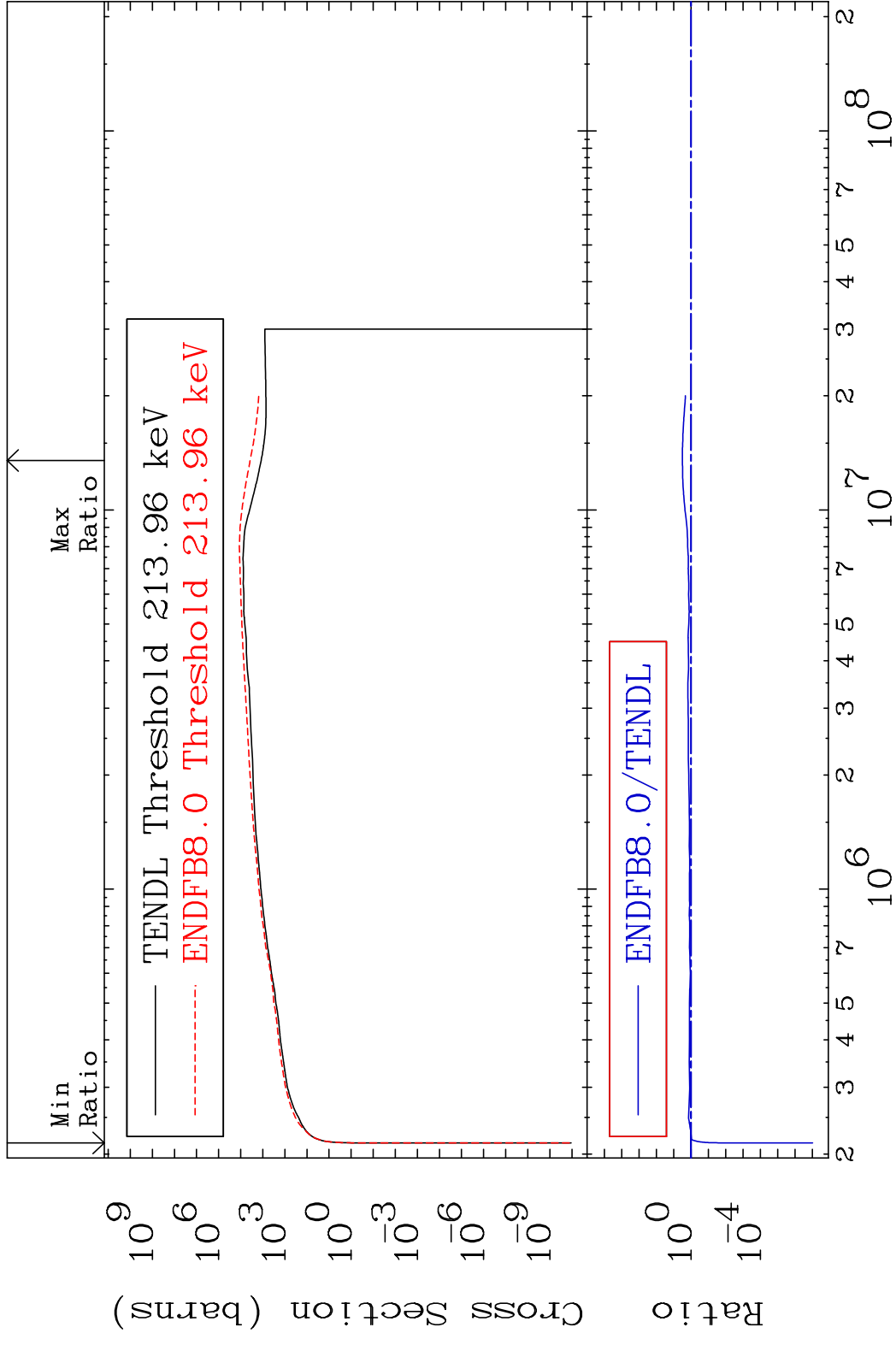


53

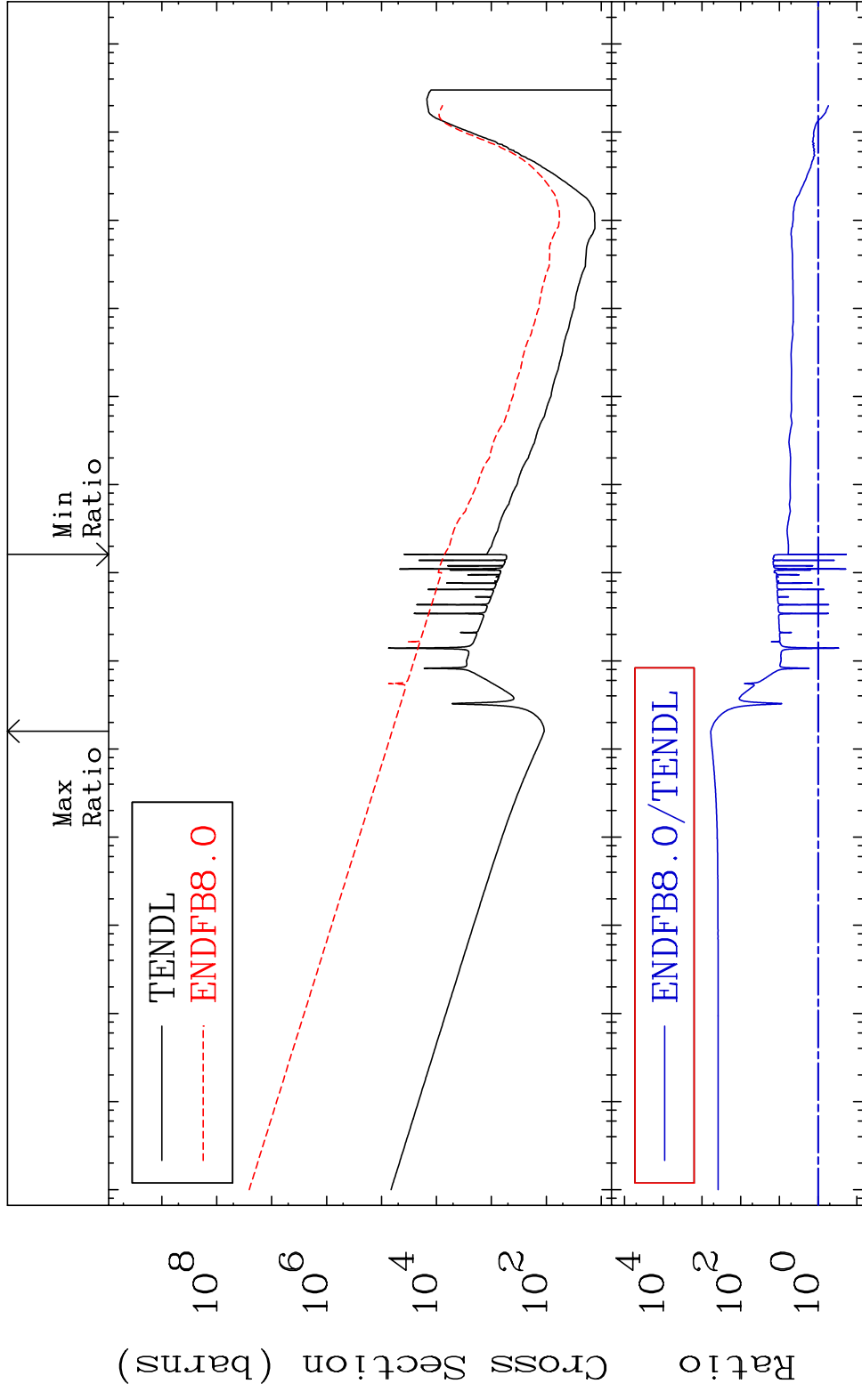
Incident Energy (eV)

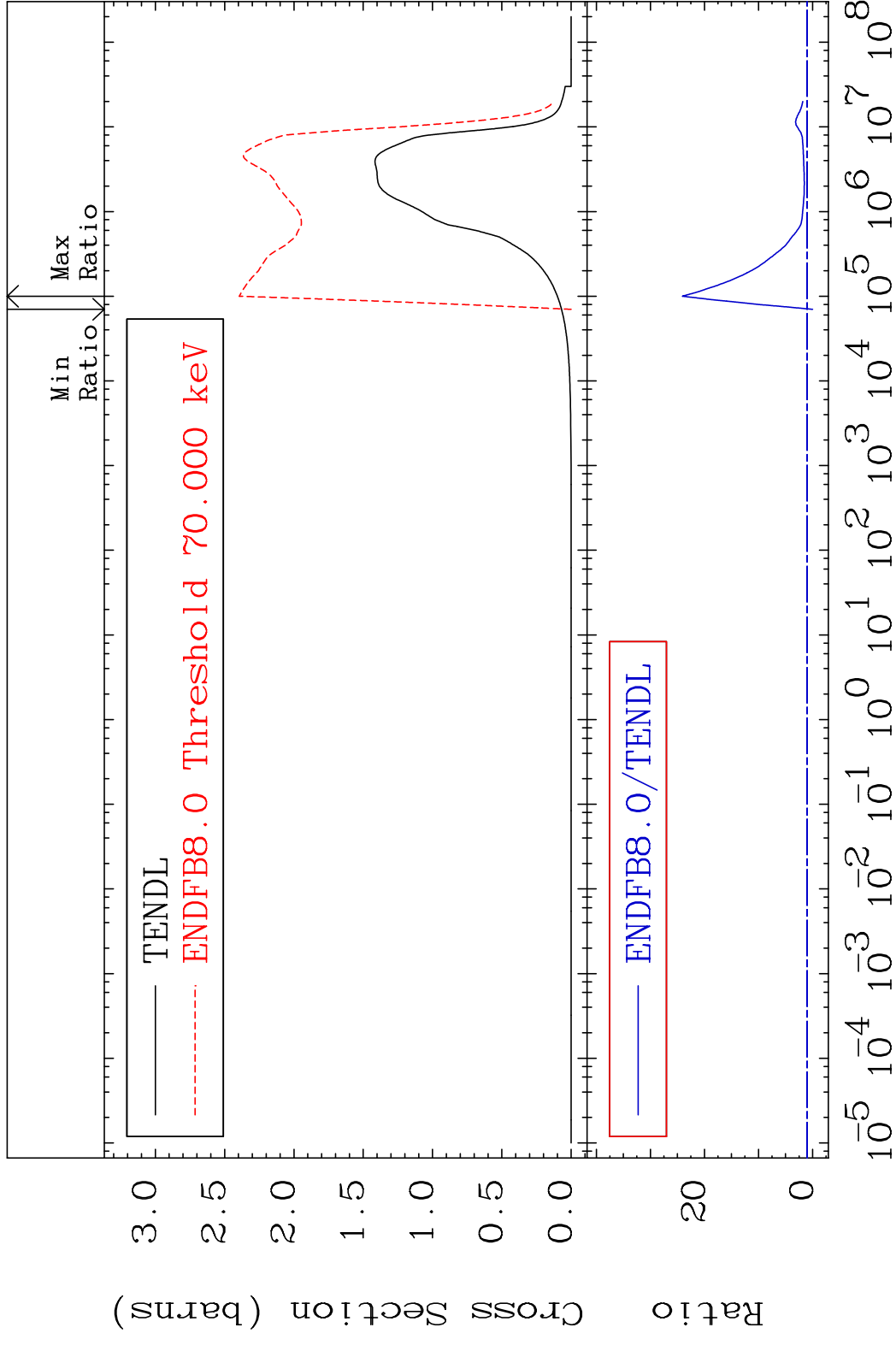
52-Te-121

MAT 5228 Dpa inelastic (mt51-91) 52-Te-121
 Cross Section -100.0 To 215.6 %



MAT 5228 Dpa disappearance (mt102 -120) 52-Te-121
 Cross Section -81.44 To 9999. %





MAT 5228 Inelastic:52-Te-121m2 52-Te-121
 Radionuclide Production Cross Section 180.0 dth 873.7 %

