

Program Complot
(Version 2021-1)

by

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Press Mouse Button to Start

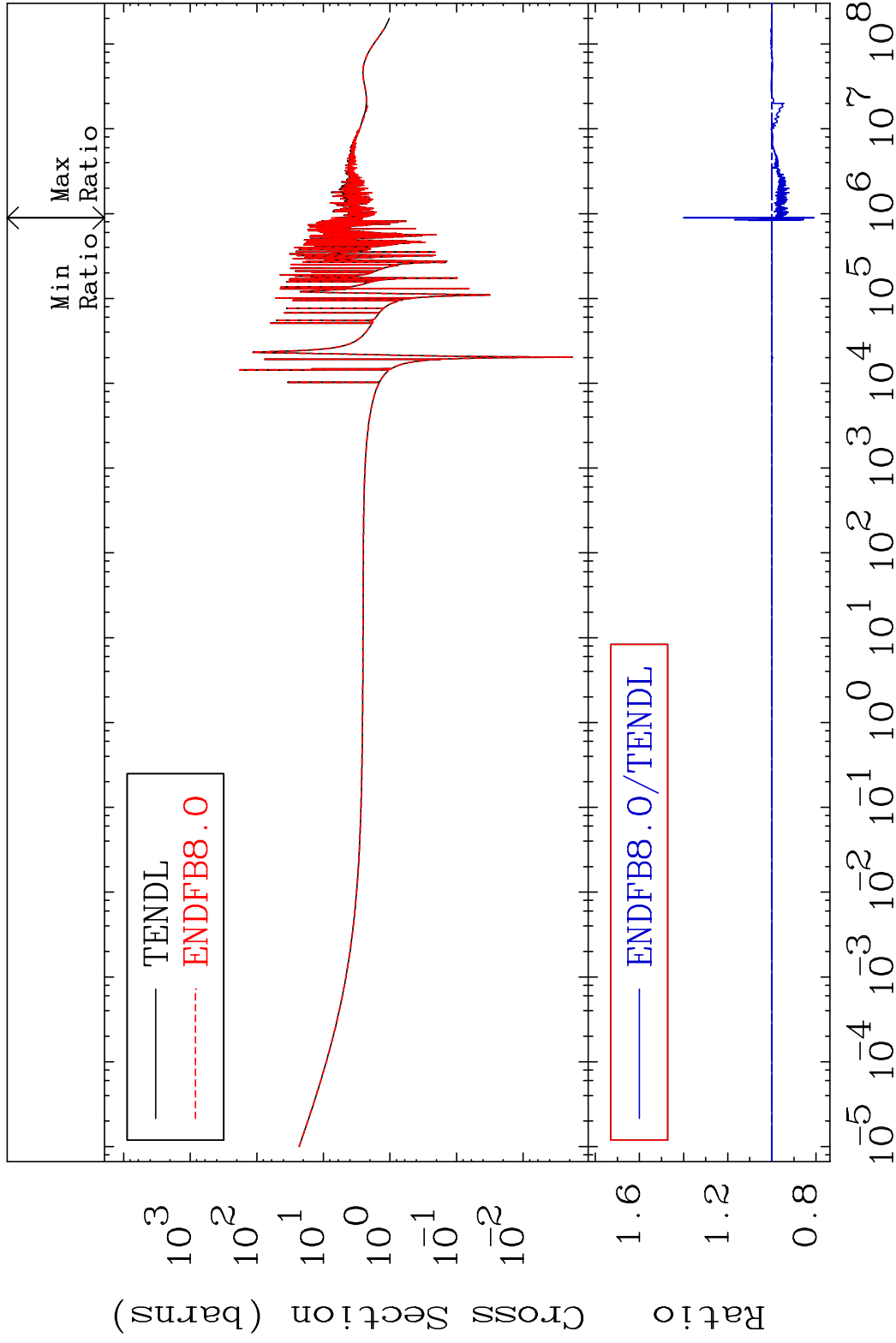
MAT 2437

Total

24-Cr-54

Cross Section

-19.12 To 39.96 %



1

Incident Energy (eV)

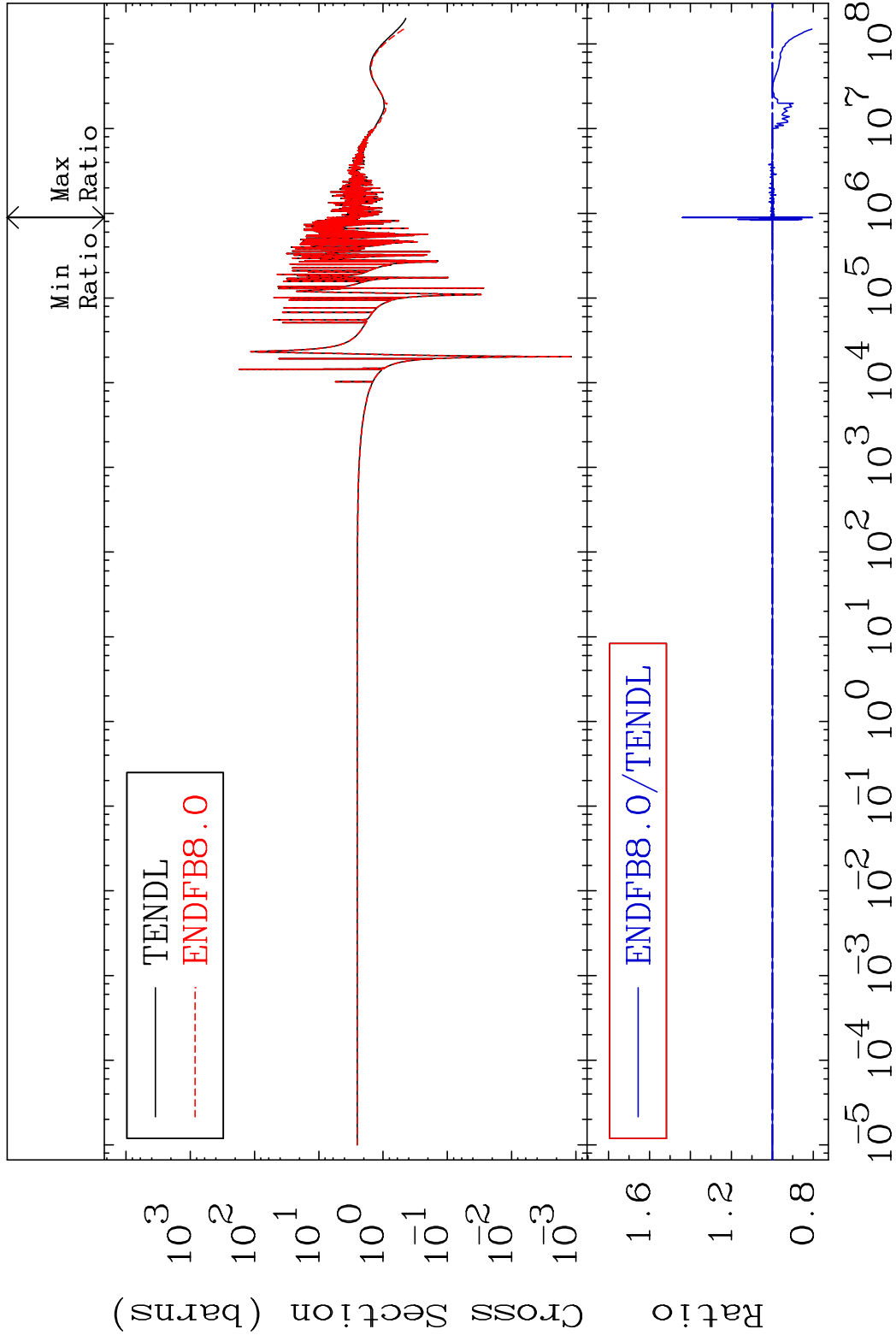
24-Cr-54

MAT 2437

Elastic

24-Cr-54

Cross Section -19.62 To 43.96 %



2

Incident Energy (eV)

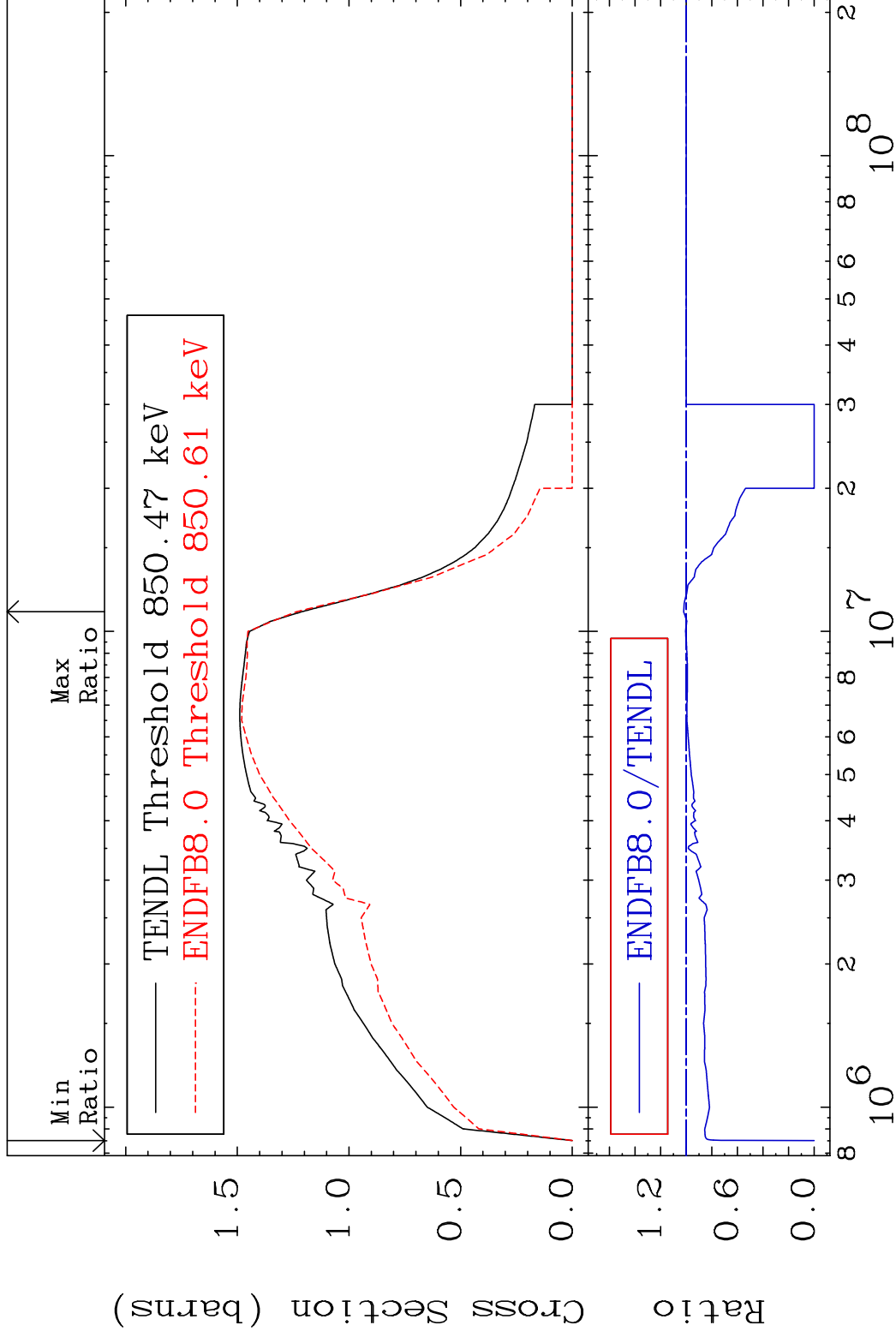
24-Cr-54

MAT 2437

Inelastic

²⁴Cr-54

Cross Section -100.0 To 1.936 %

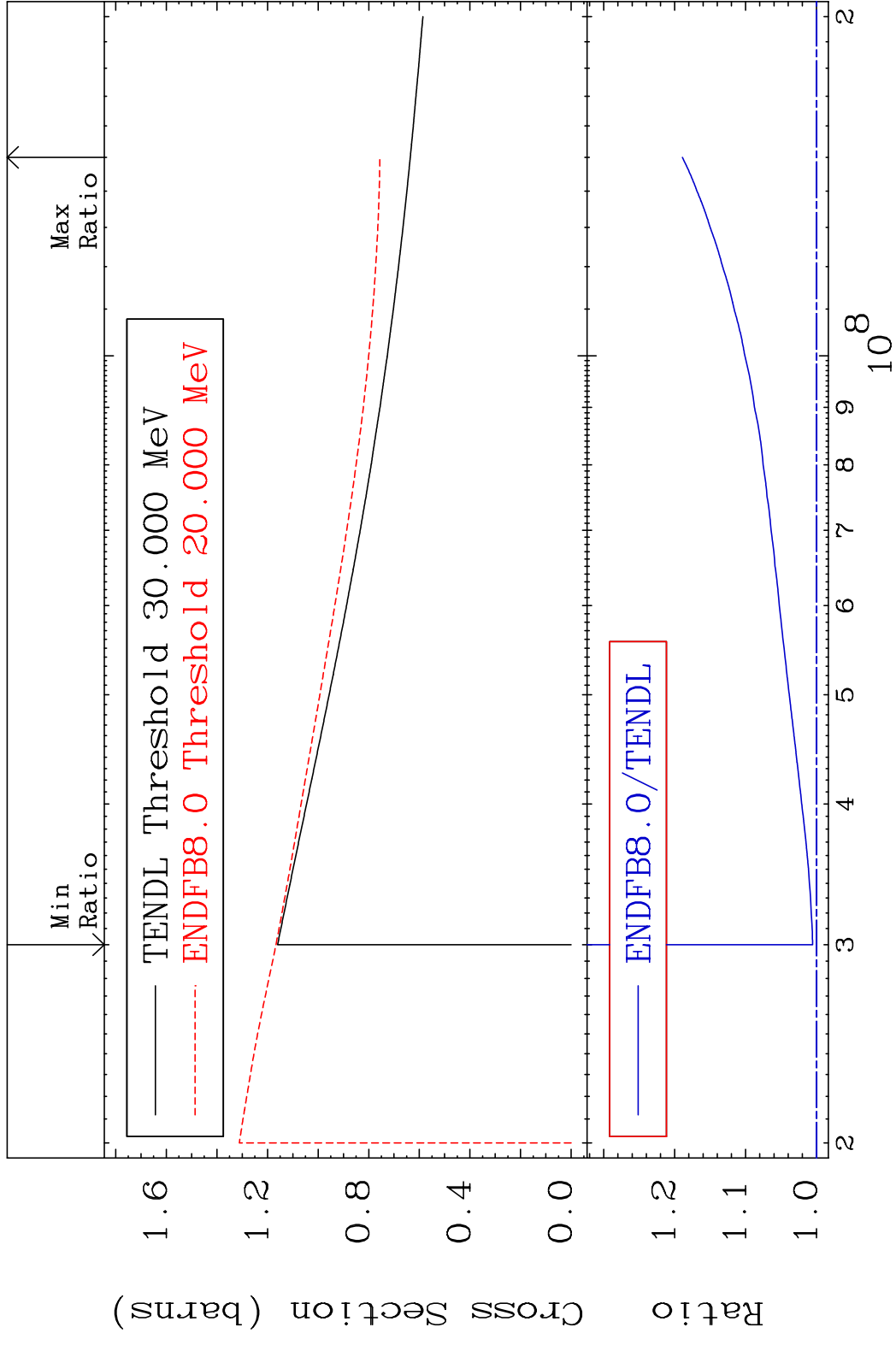


3

Incident Energy (eV)

²⁴Cr-54

MAT 2437 (n, remainder) 24-Cr-54
 Cross Section 0.562 To 18.92 %



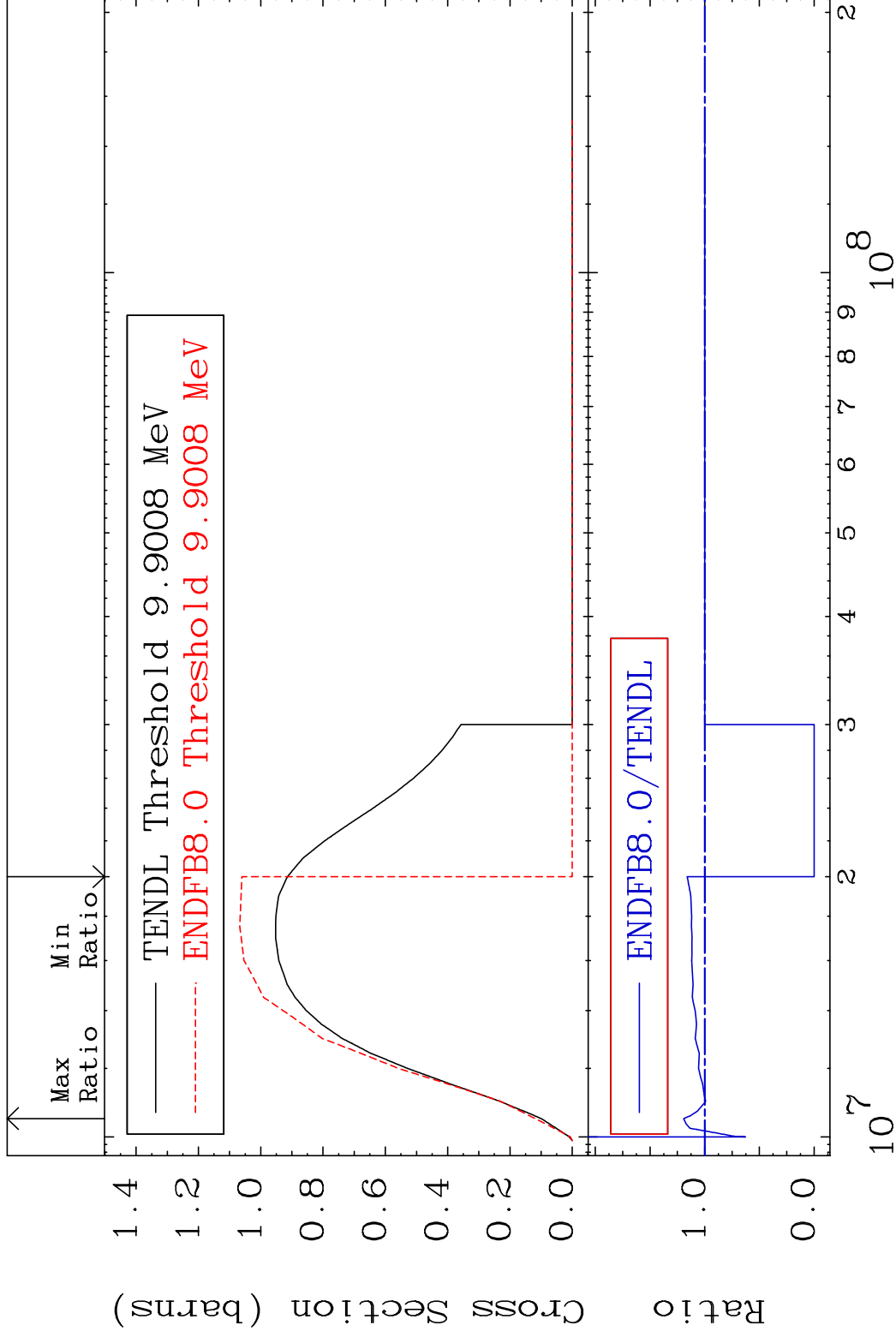
4 Incident Energy (eV) 24-Cr-54

MAT 2437

(n,2n)

²⁴Cr-54

Cross Section -100.0 To 19.26 %



5

Incident Energy (eV)

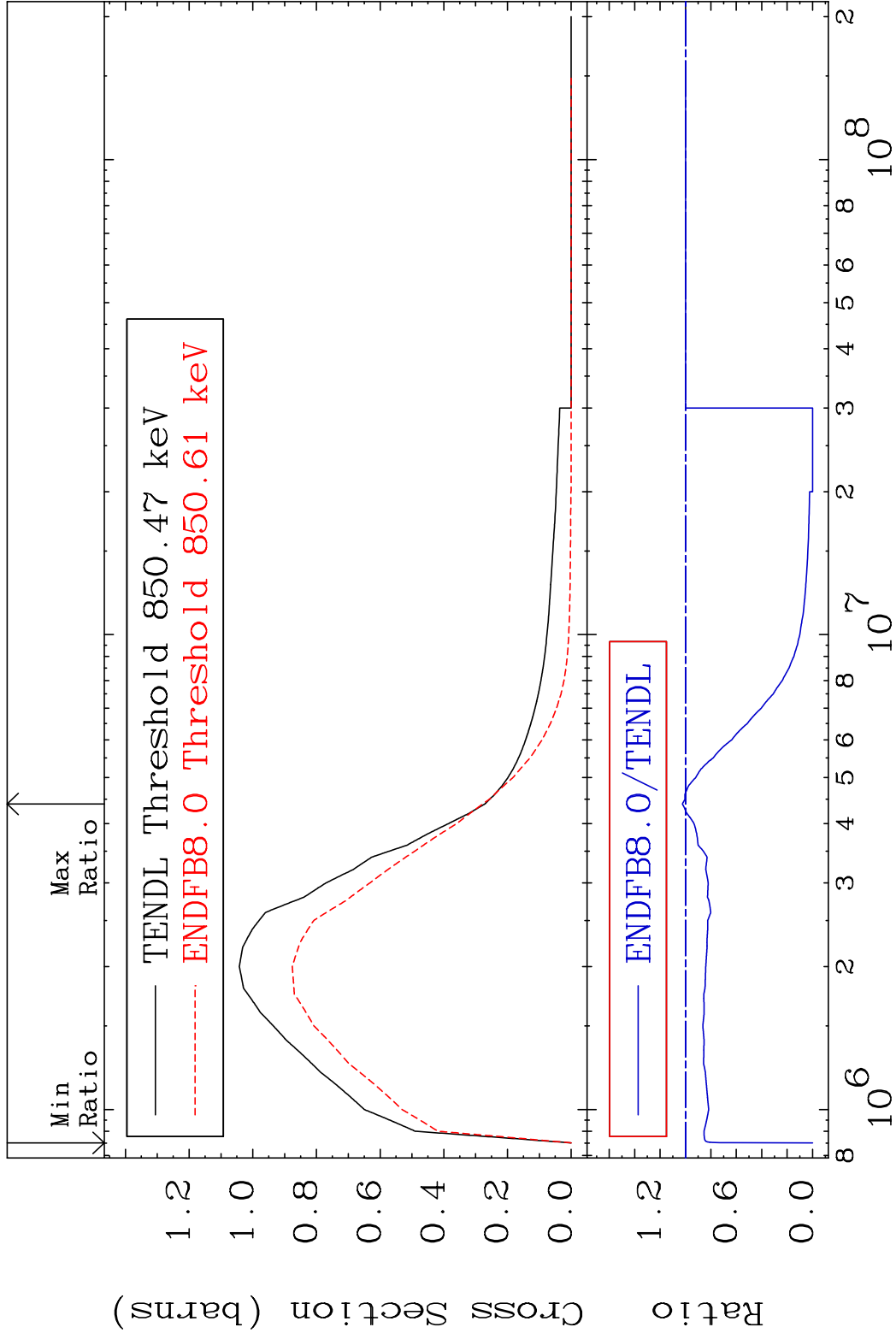
²⁴Cr-54

MAT 2437

MT= 51 (n, n') Level

²⁴Cr-54

Cross Section -100.0 To 2.463 %

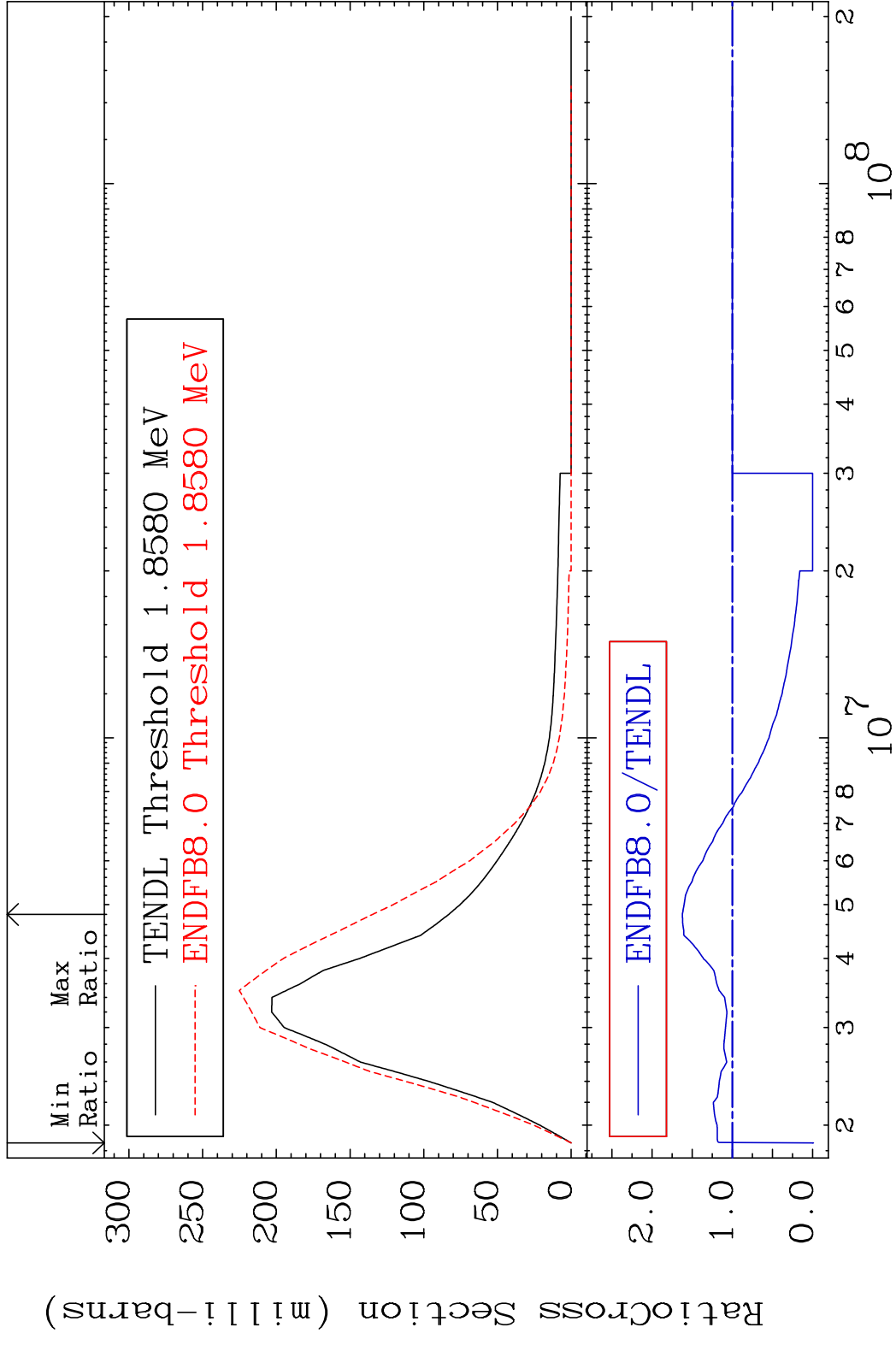


6

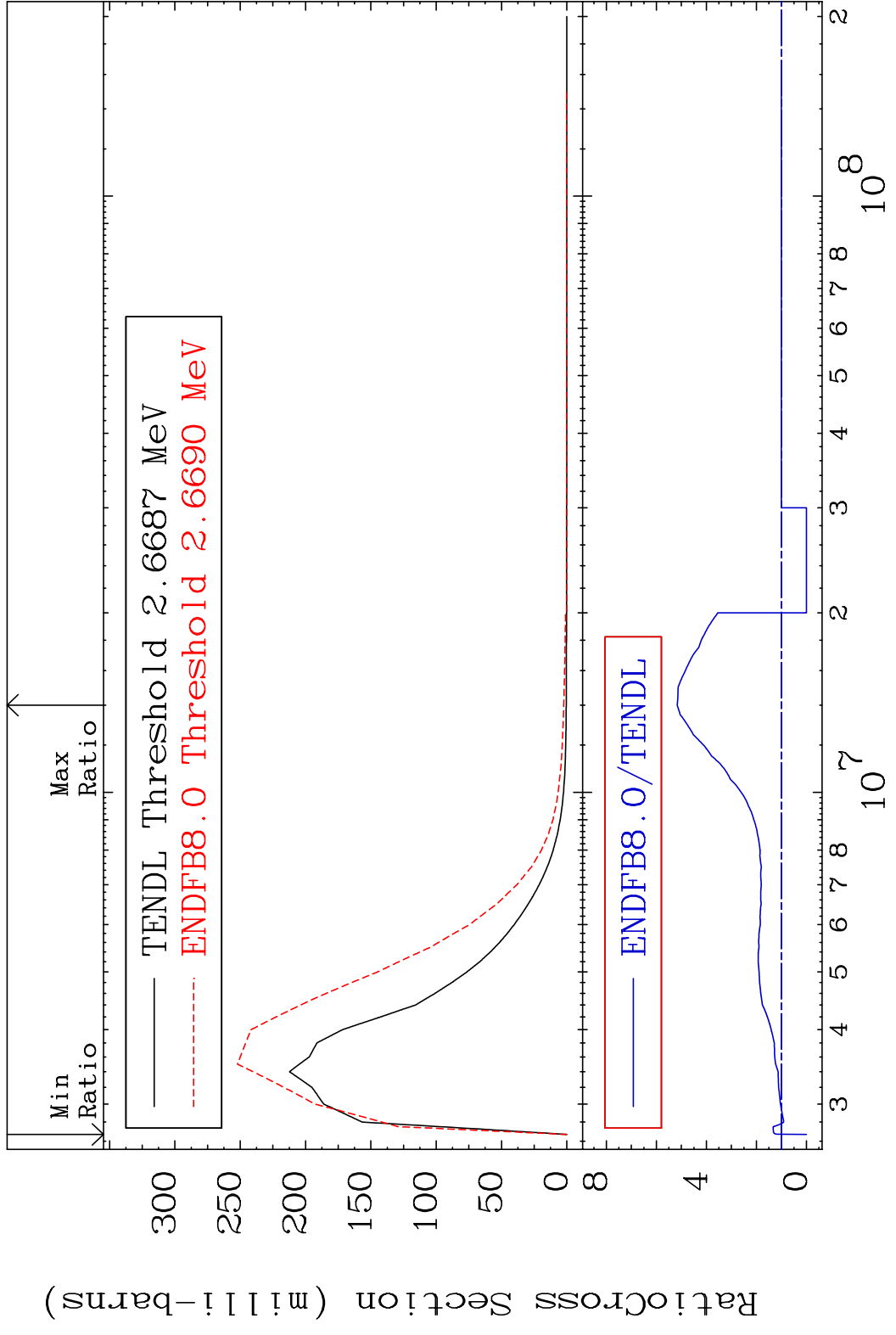
Incident Energy (eV)

²⁴Cr-54

MAT 2437 MT= 52 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 62.26 %

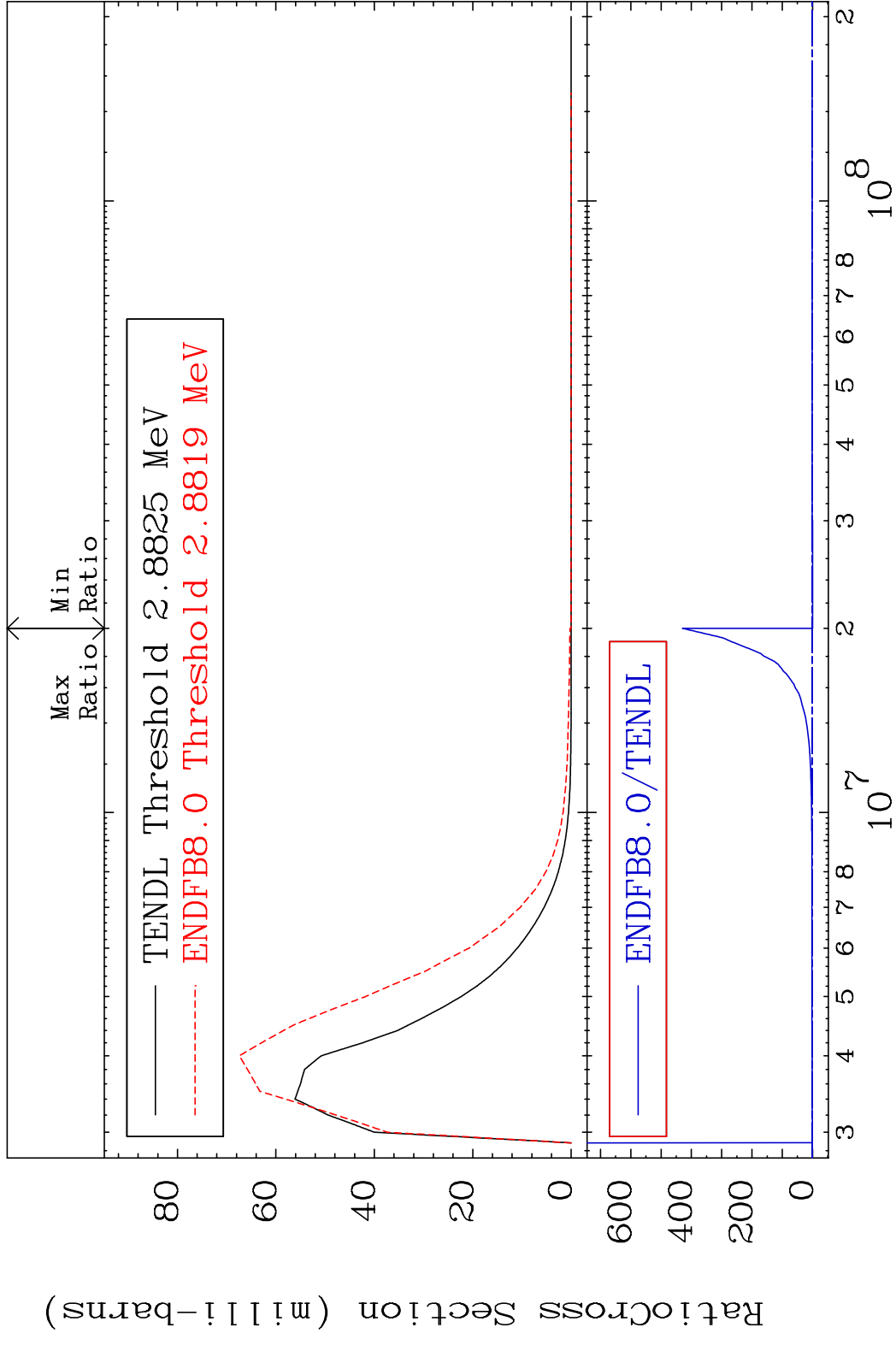


MAT 2437 MT= 53 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 416.7 %



8 8 Incident Energy (eV) 24-Cr-54

MAT 2437 MT= 54 (n, n') Level 24-Cr-54
 Cross Section -100.0 To 9999. %



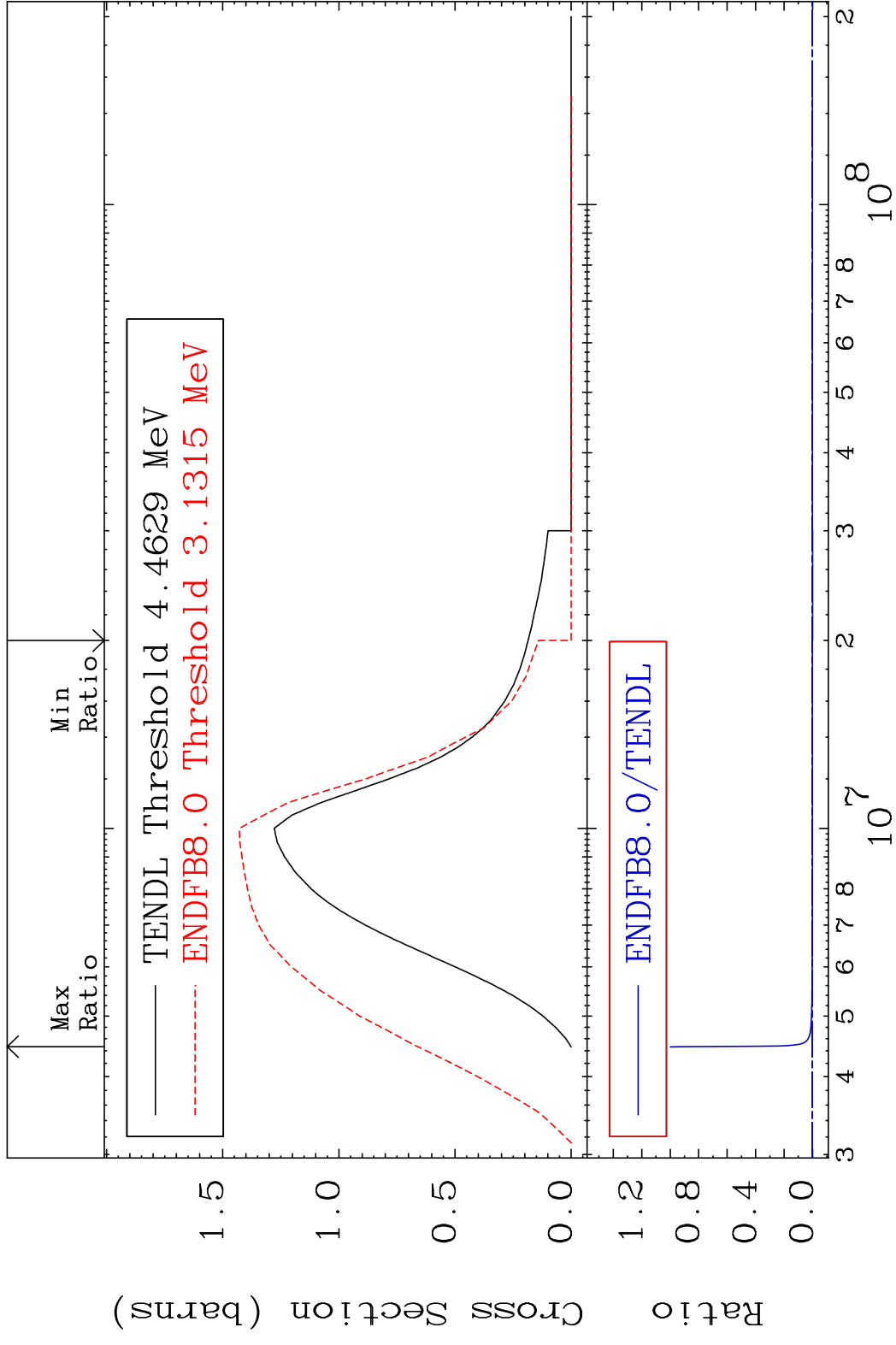
9 Incident Energy (eV) 24-Cr-54

MAT 2437

(n,n') Continuum

²⁴Cr-54

Cross Section -100.0 To 9999. %



10

Incident Energy (eV)

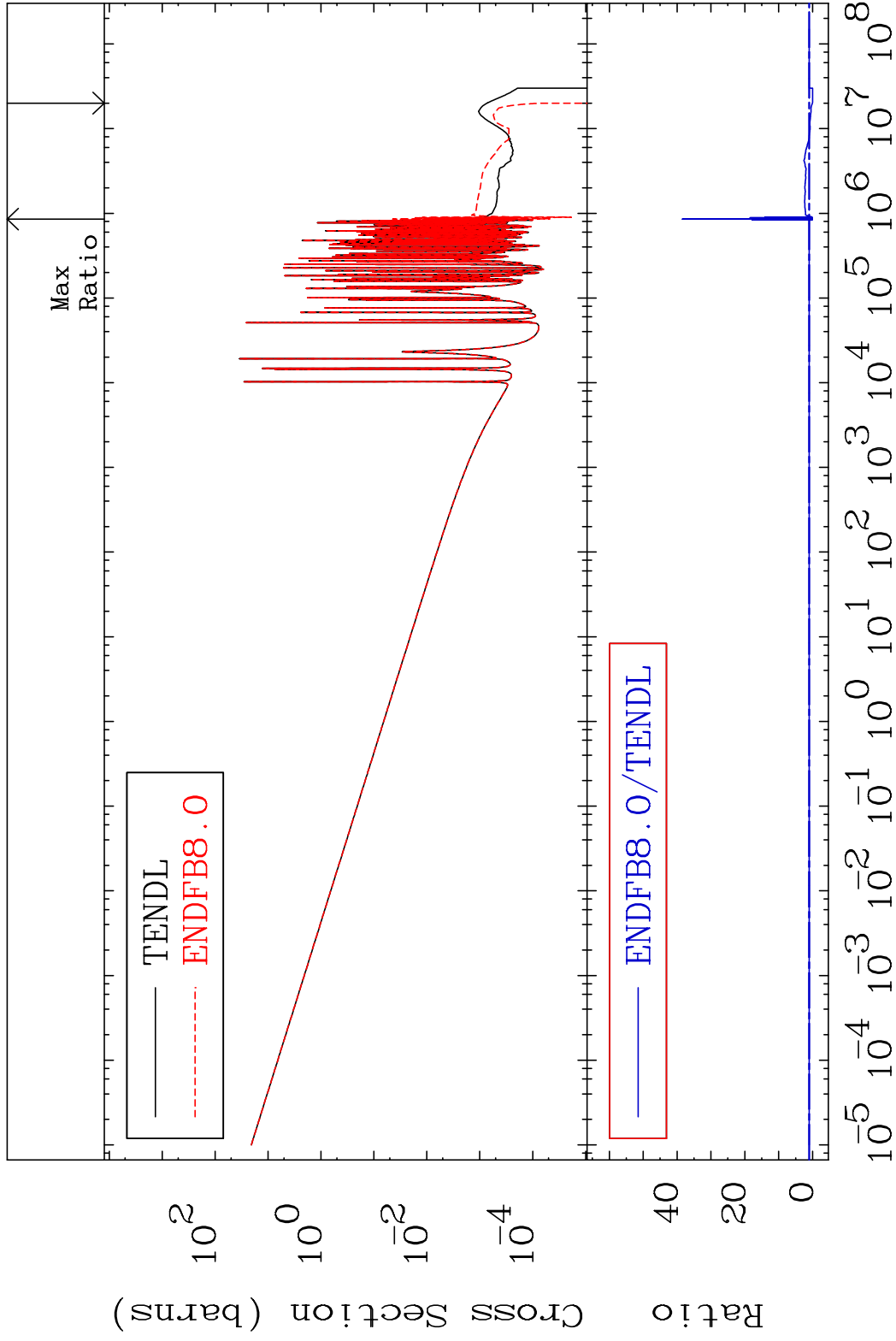
²⁴Cr-54

MAT 2437

(n, γ)

24-Cr-54

Cross Section -100.0 To 3744. %

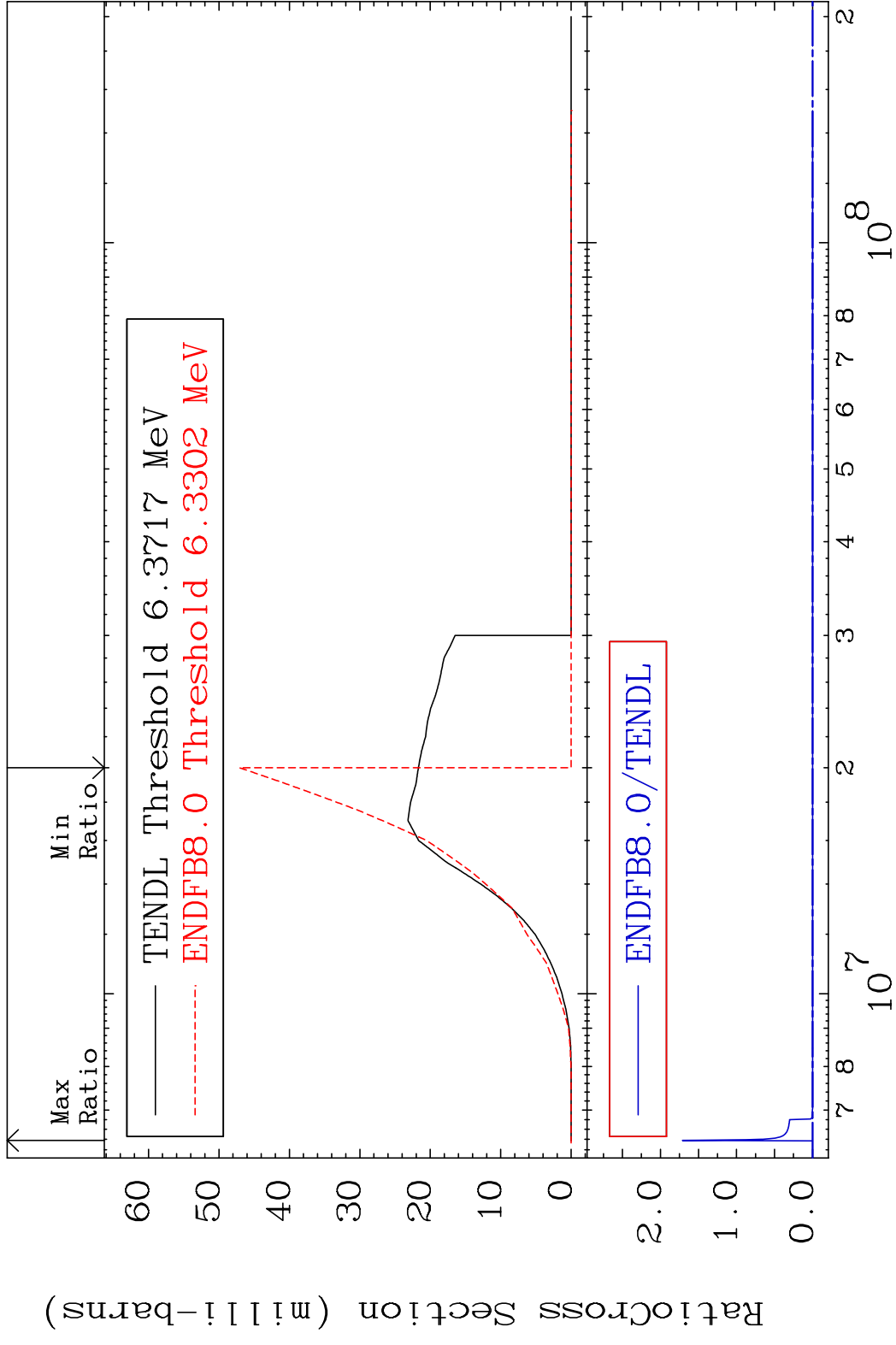


11

Incident Energy (eV)

24-Cr-54

MAT 2437 (n,p) 24-Cr-54
 Cross Section -100.0 To 9999. %

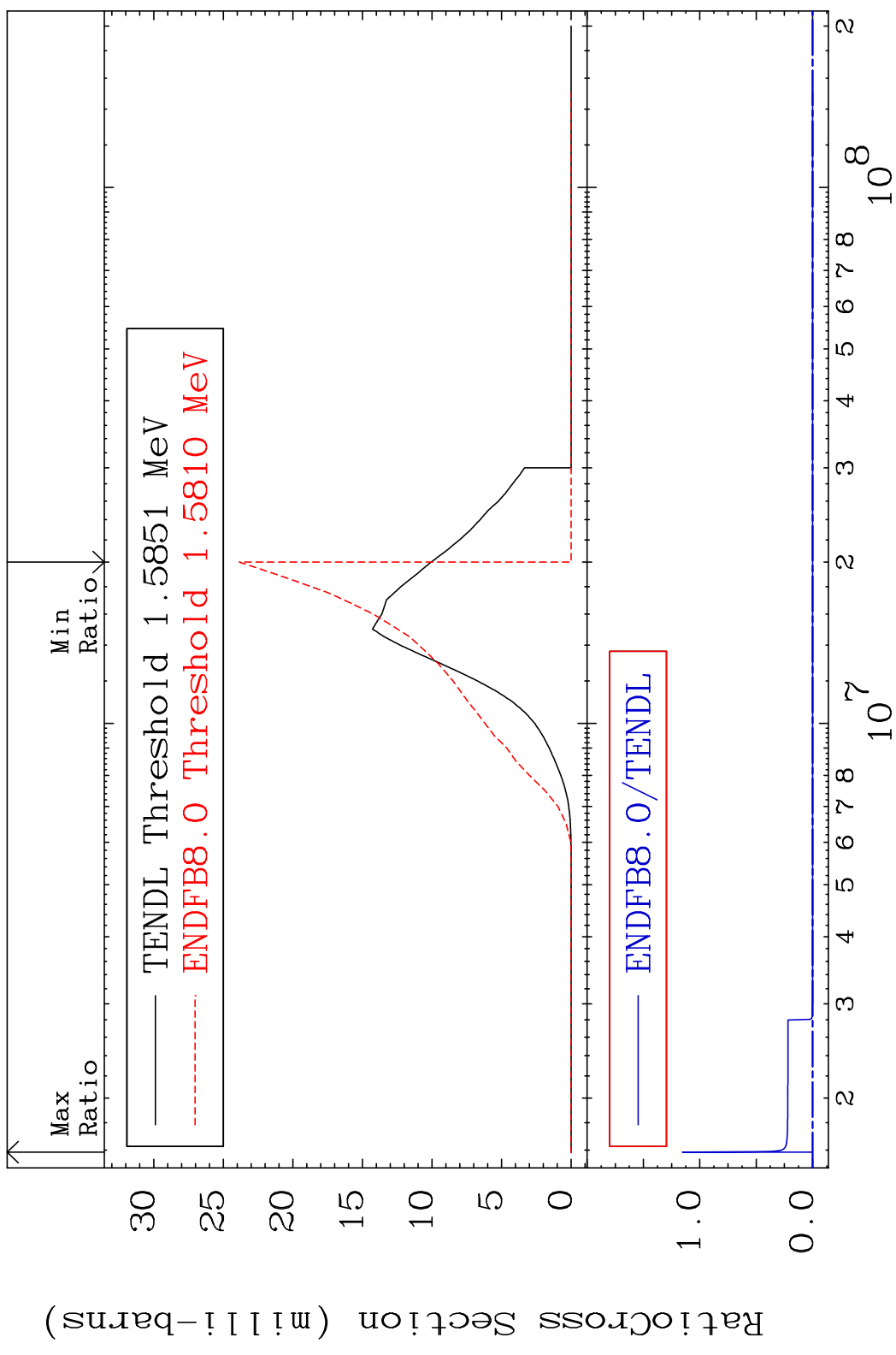


MAT 2437

(n, α)

²⁴Cr-54

Cross Section -100.0 To 9999. %



13

Incident Energy (eV)

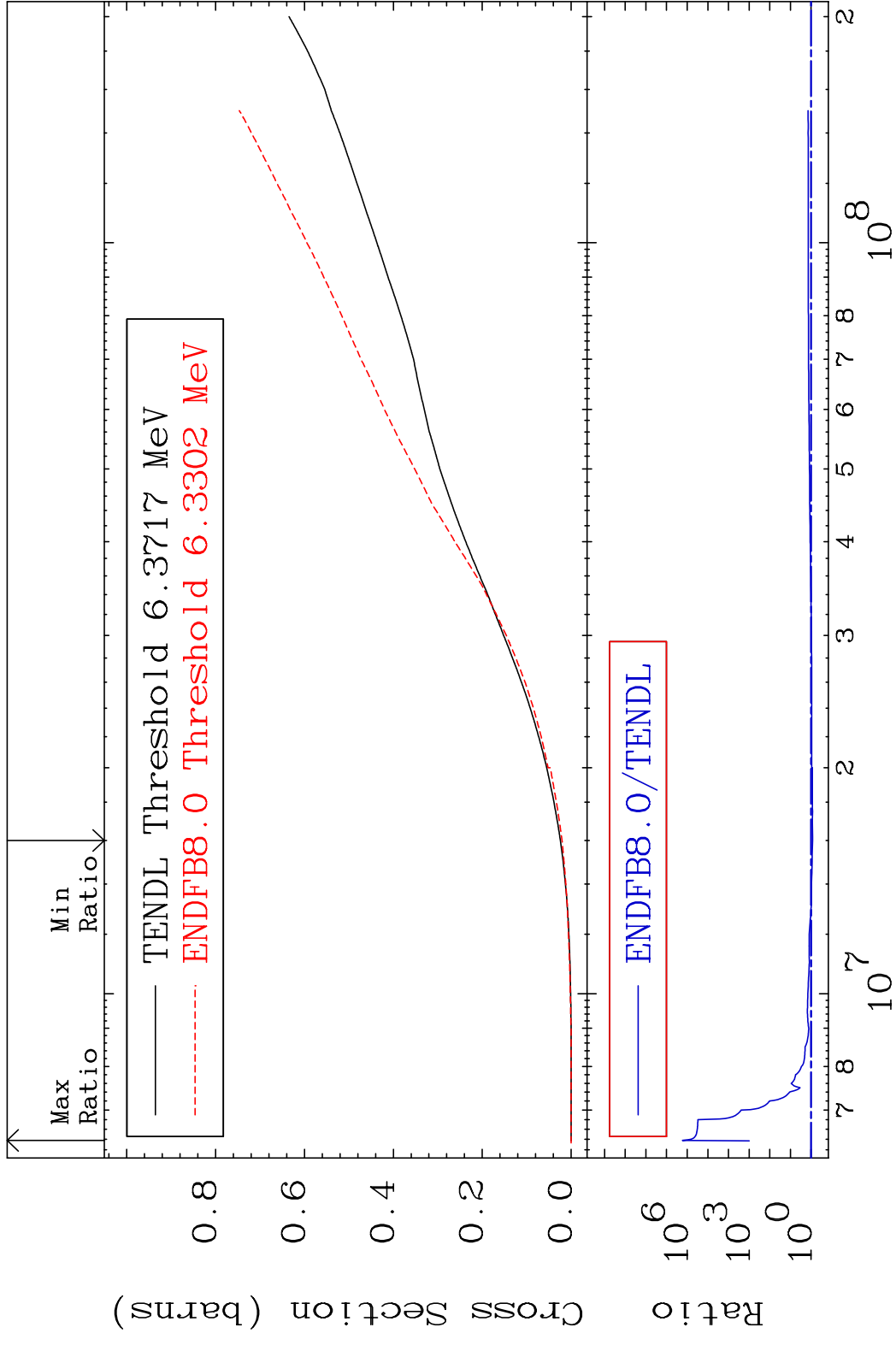
²⁴Cr-54

MAT 2437

Hydrogen Production

²⁴Cr-54

Cross Section -15.34 To 9999. %

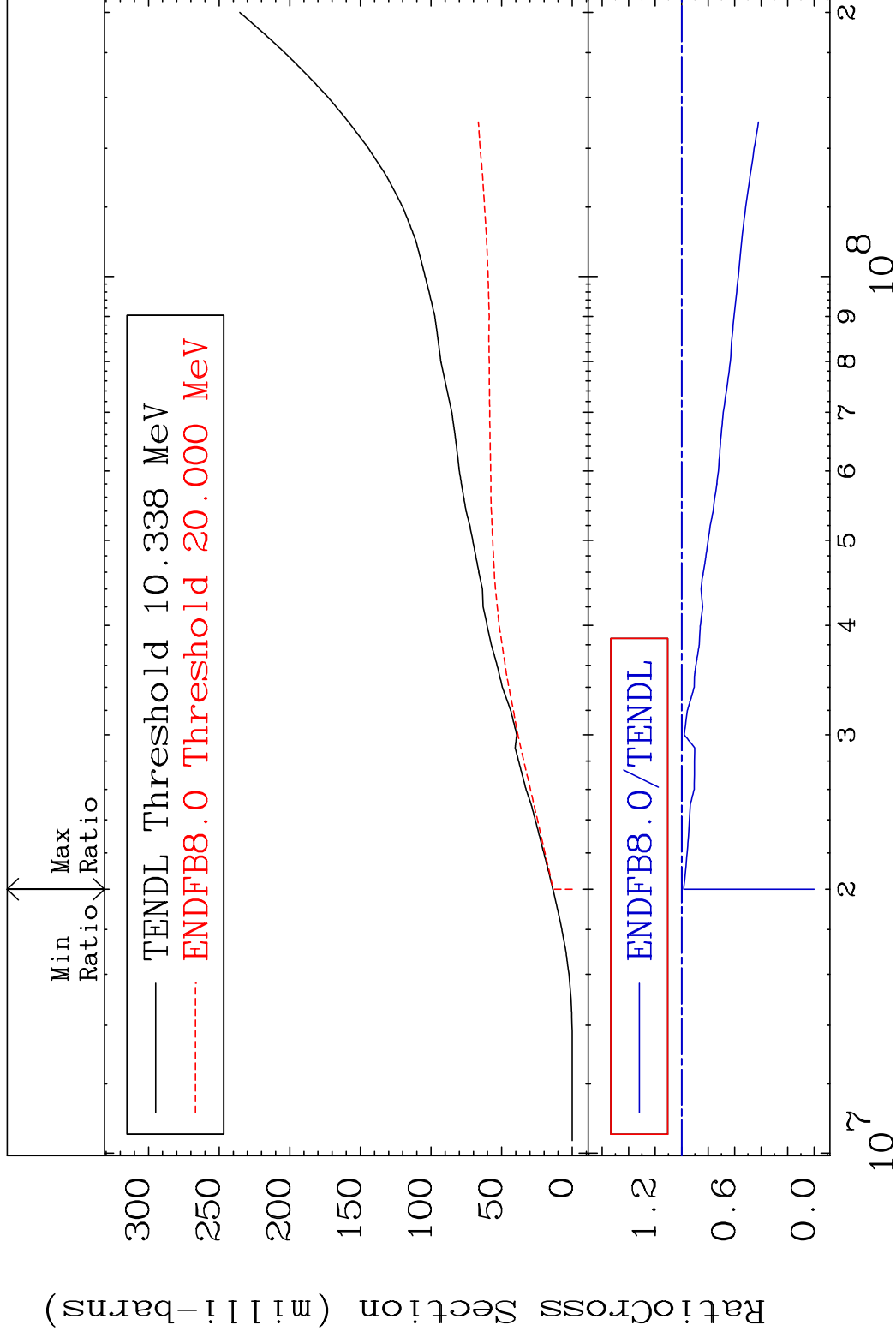


MAT 2437

Deuterium Production

²⁴Cr-54

Cross Section -100.0 To -1.572%



15

Incident Energy (eV)

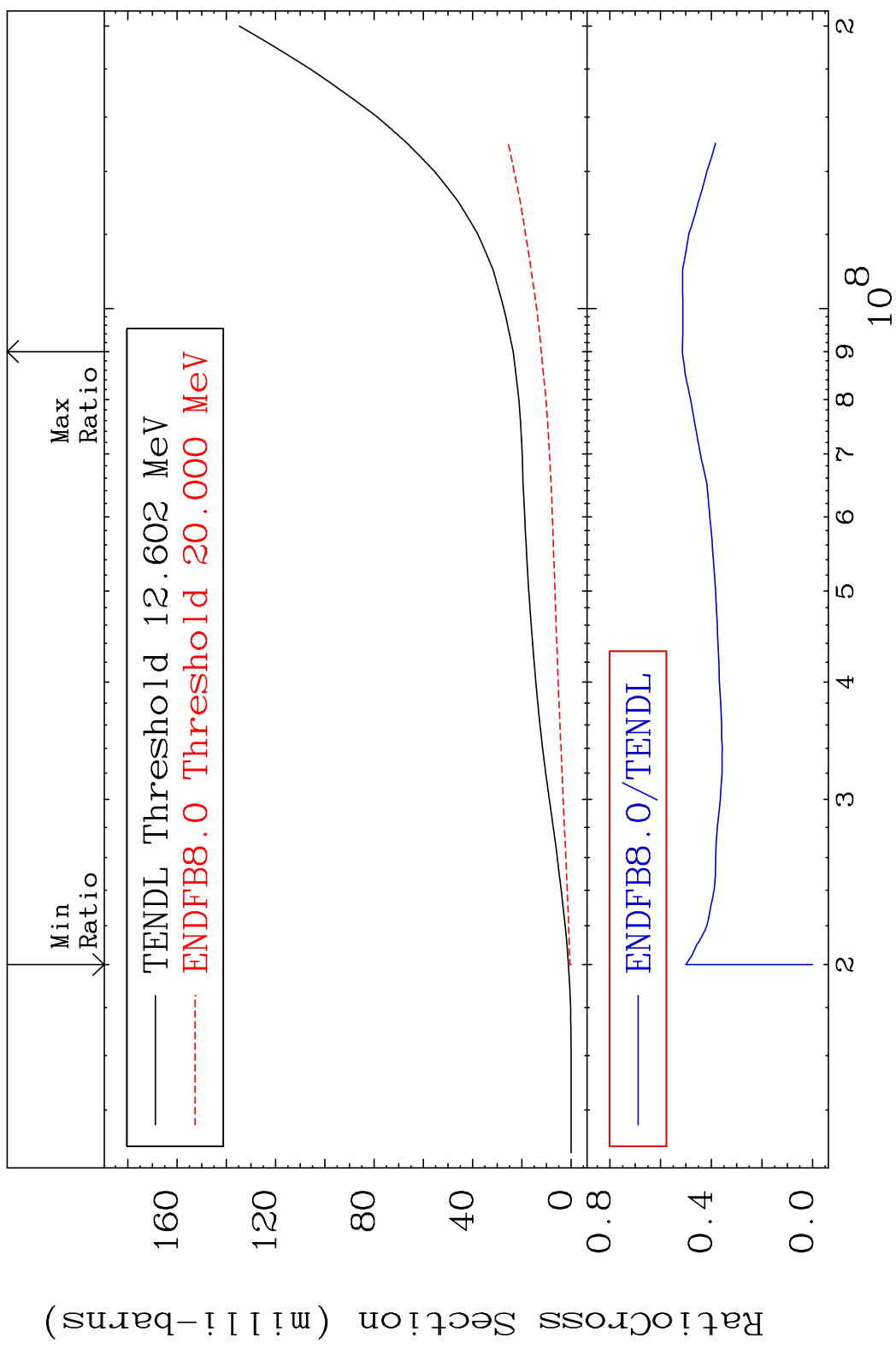
²⁴Cr-54

MAT 2437

Tritium Production

²⁴Cr-54

Cross Section -100.0 To -48.59%

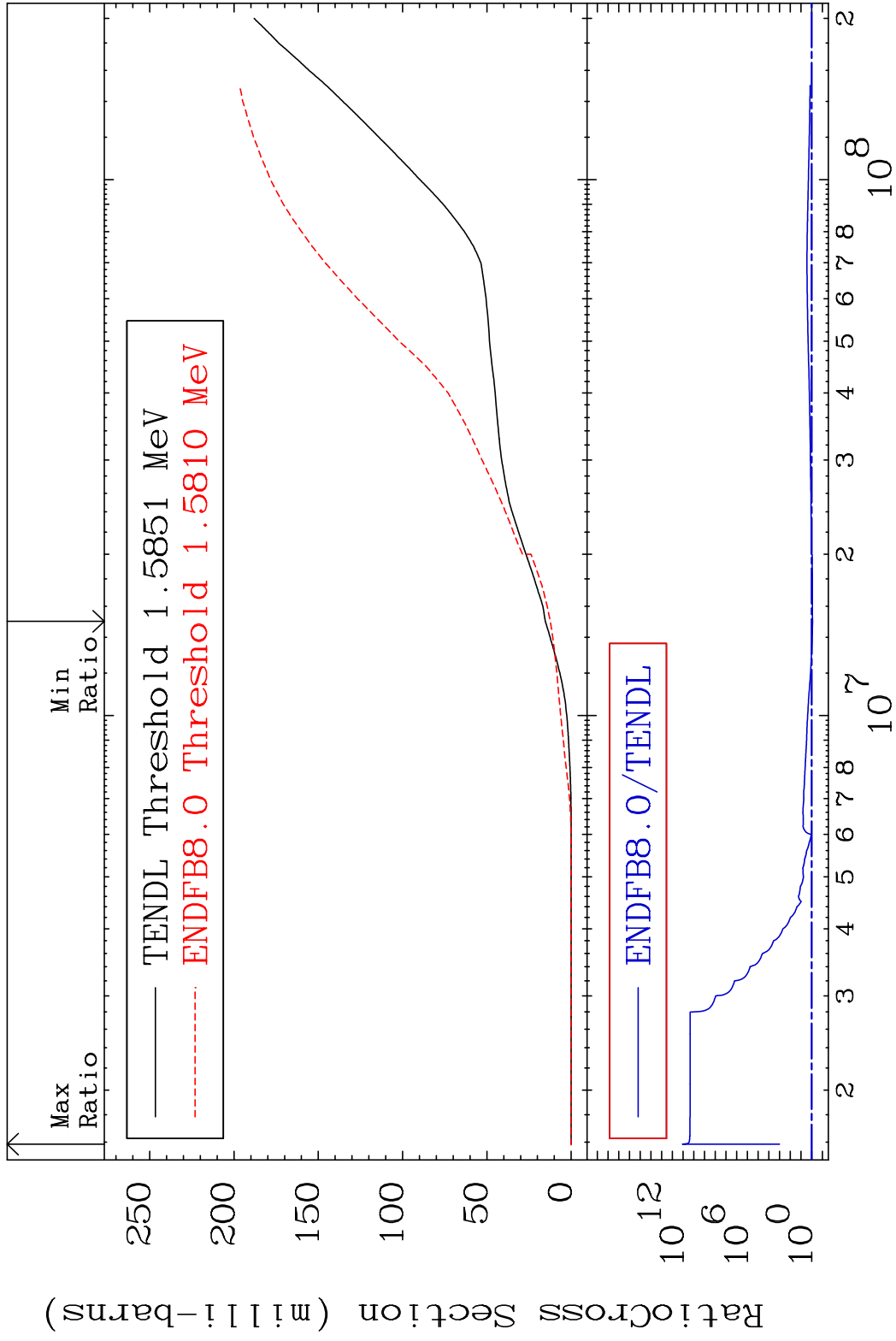


MAT 2437

He-4 Production

²⁴Cr-54

Cross Section -18.80 To 9999. %

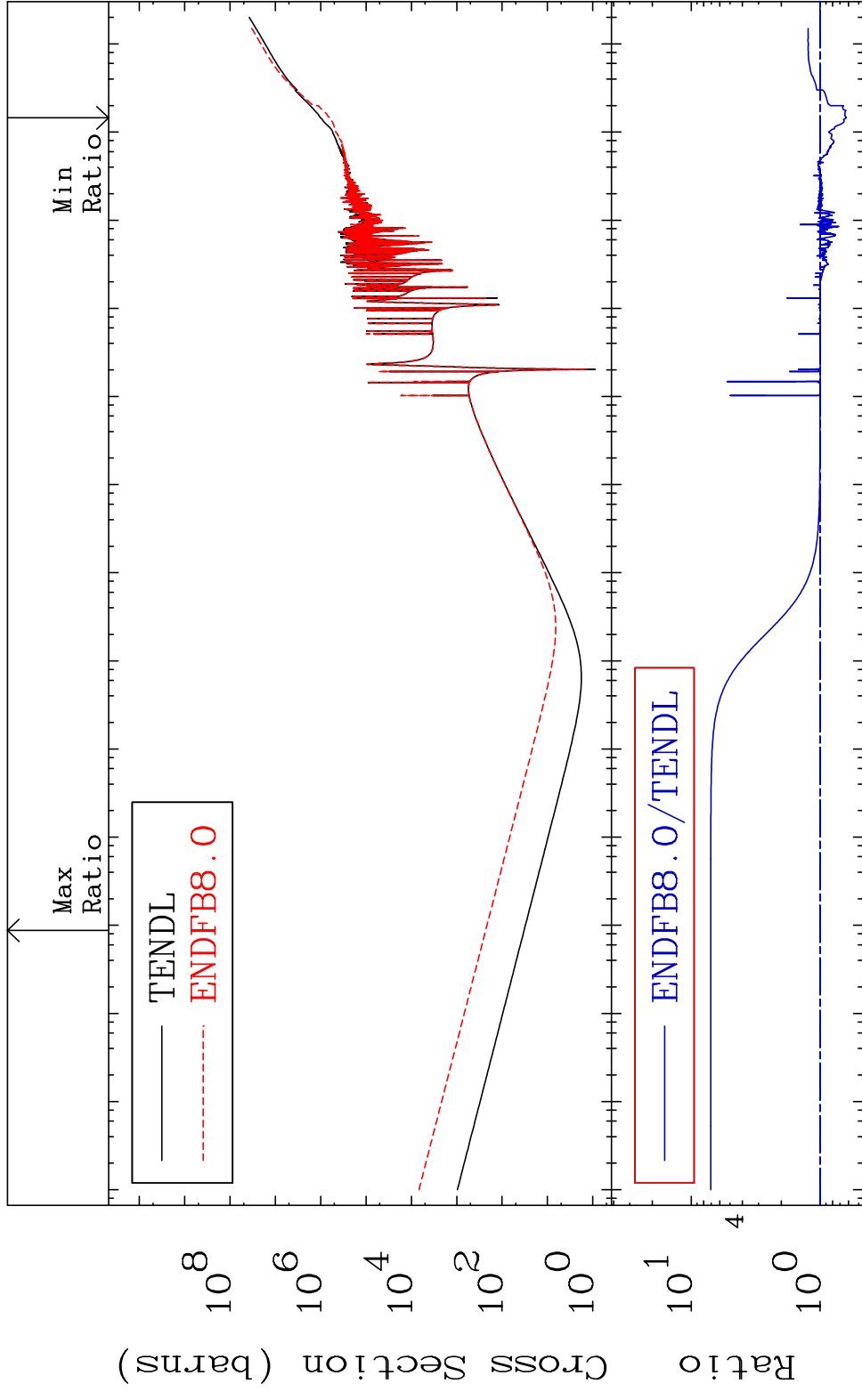


17

Incident Energy (eV)

²⁴Cr-54

MAT 2437 Kerma total (eV-barns) 24-Cr-54
 Cross Section -37.48 To 605.2 %



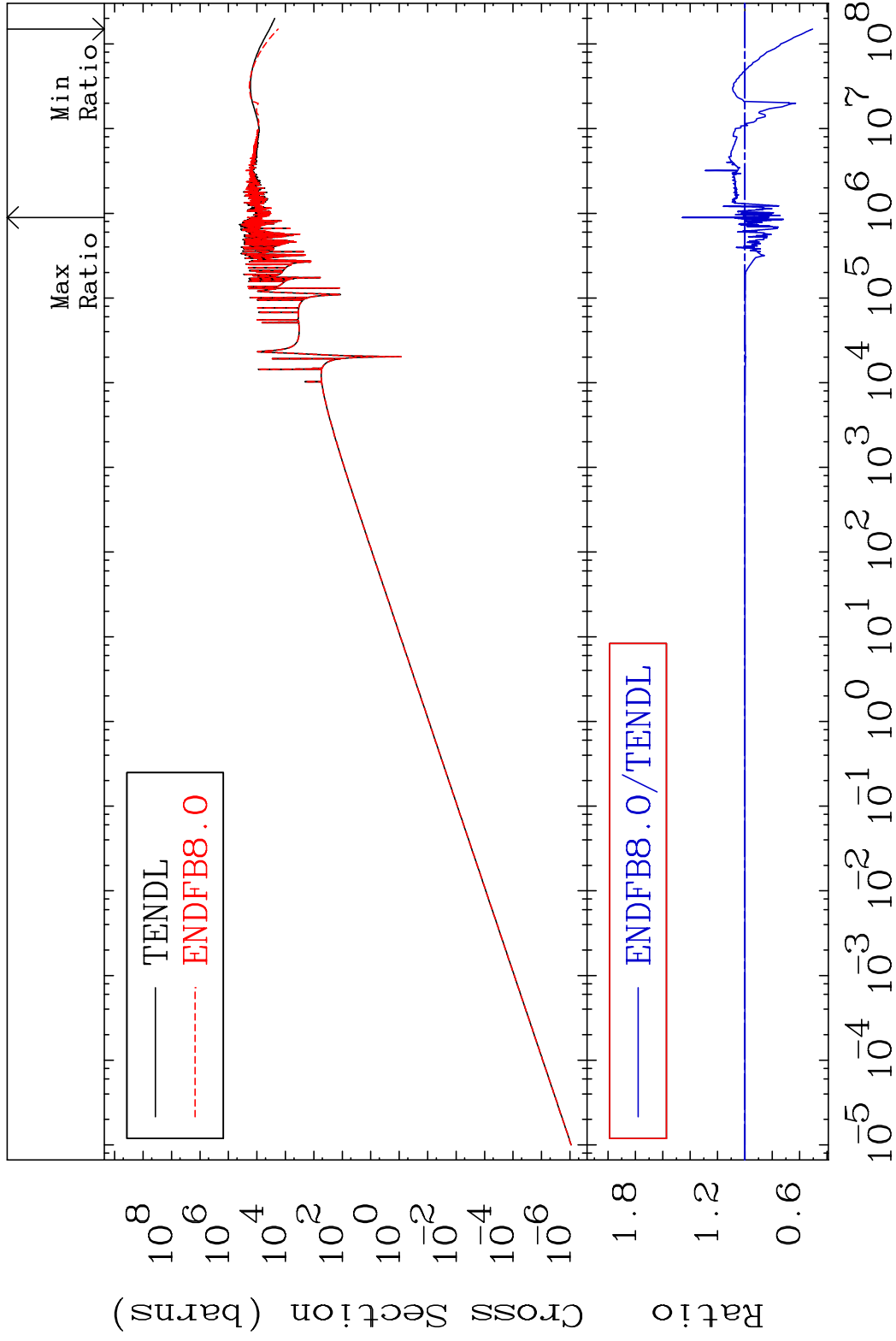
18 Incident Energy (eV) 24-Cr-54

MAT 2437

Kerma elastic

²⁴Cr-54

Cross Section -49.52 To 45.69 %

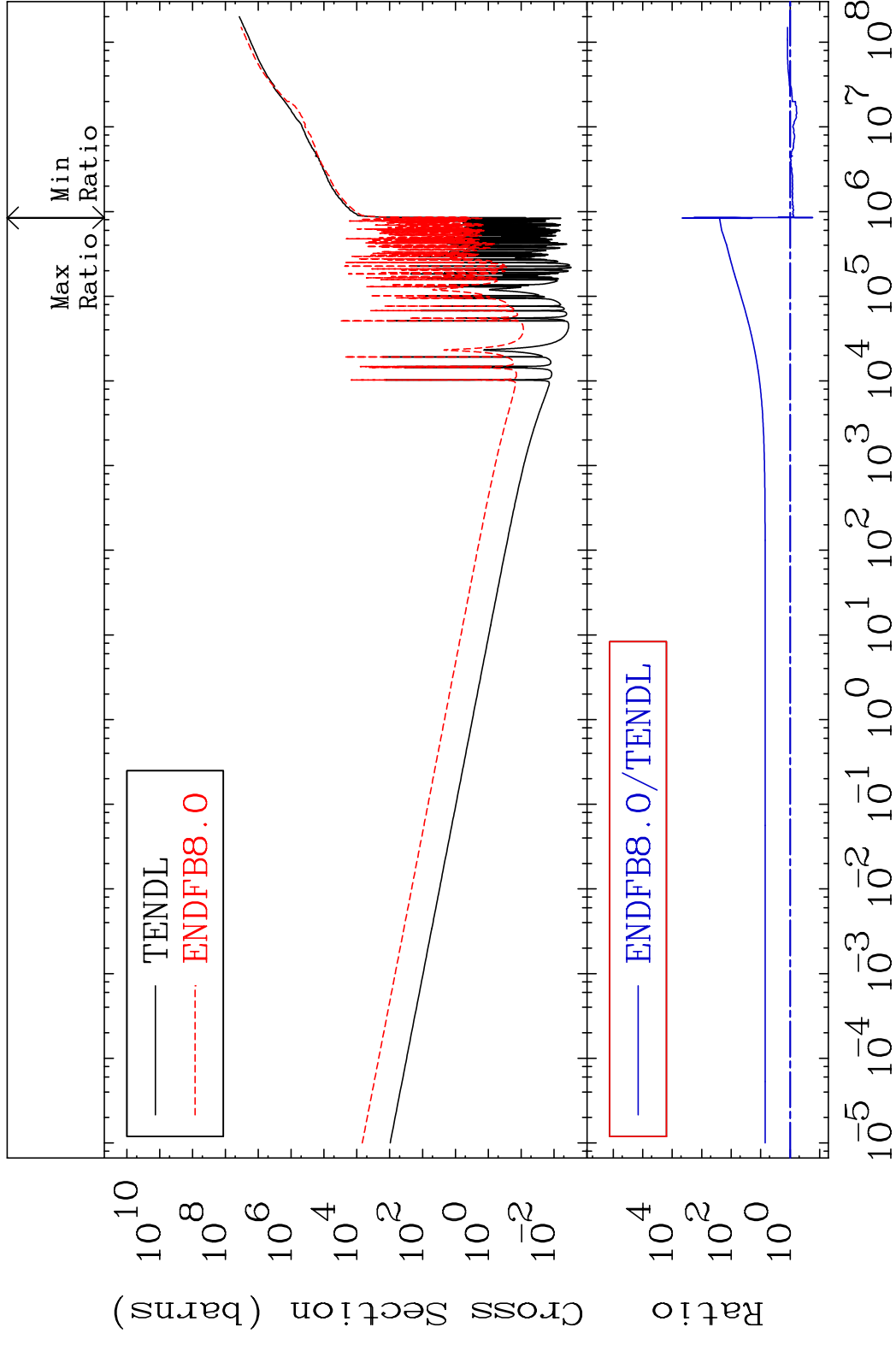


19

Incident Energy (eV)

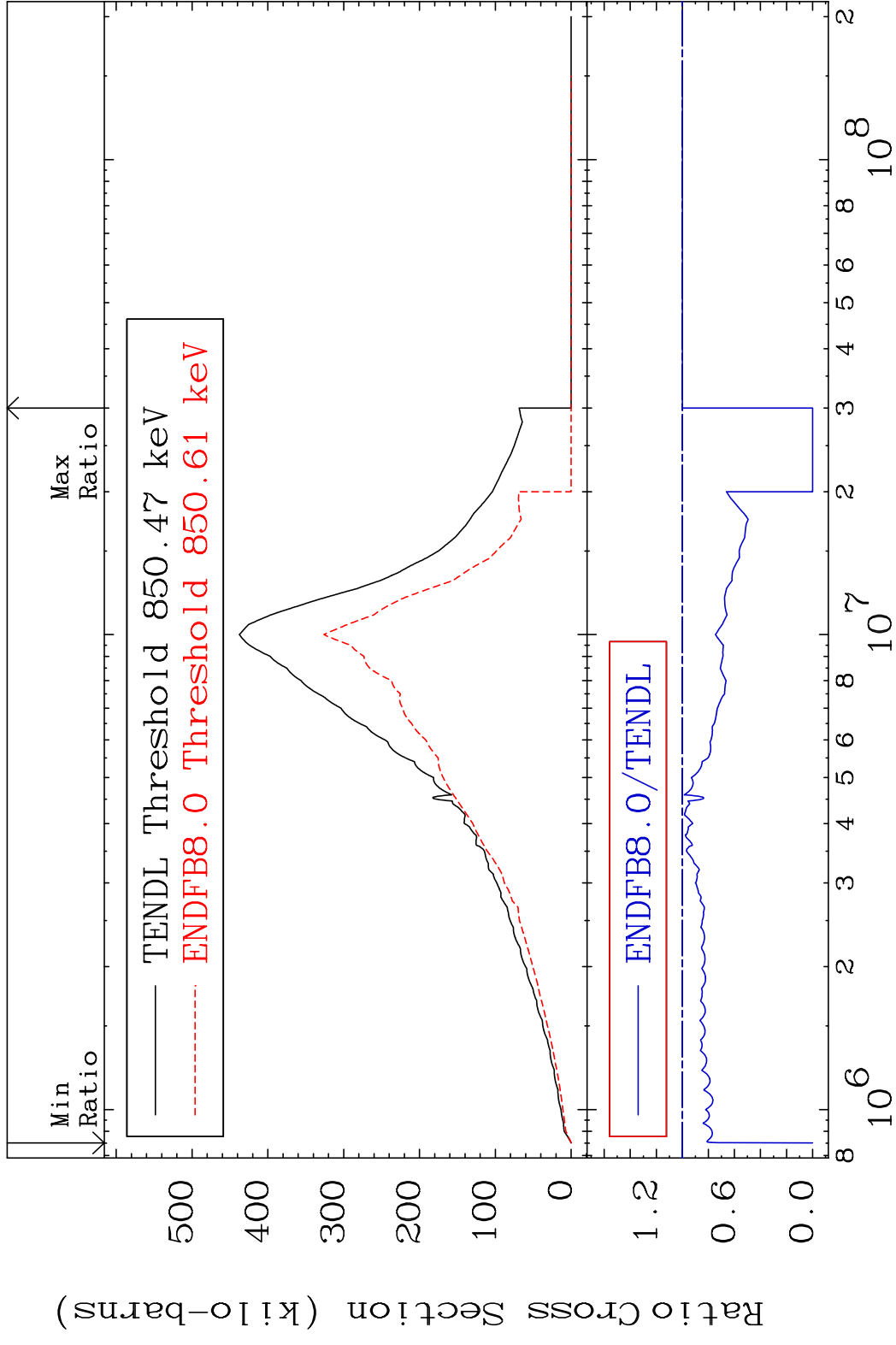
²⁴Cr-54

MAT 2437 Kerma non-elastic (all but mt2) 24-Cr-54
 Cross Section -82.50 To 9999. %



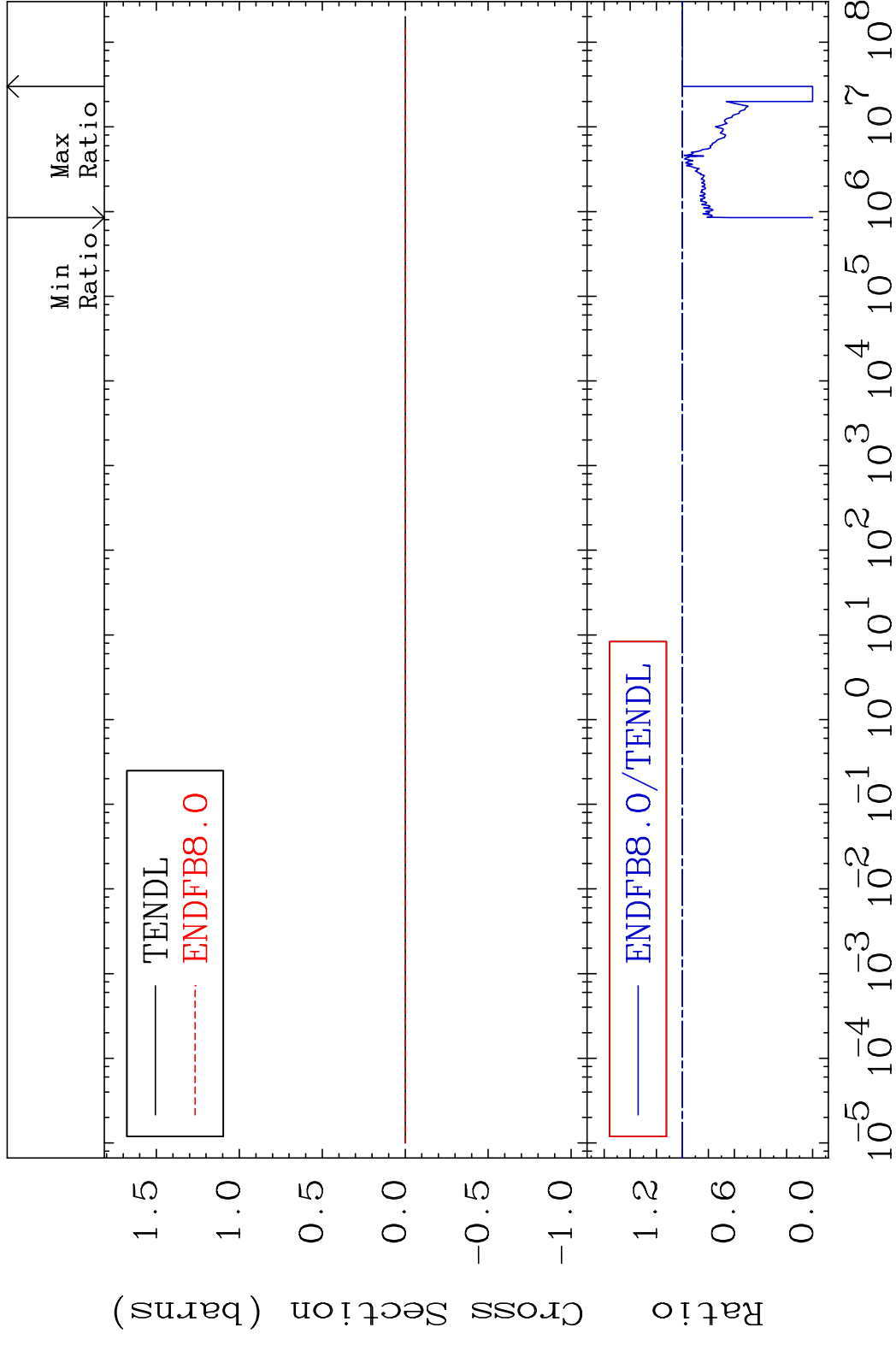
20 Incident Energy (eV) 24-Cr-54

MAT 2437 Kerma inelastic (mt51-91) 24-Cr-54
 Cross Section -100.0 To 0.000 %



21 Incident Energy (eV) 24-Cr-54

MAT 2437 Kerma fission (mt18 or mt19-20-21-38) 24-Cr-54
 Cross Section -100.0 To 0.000 %

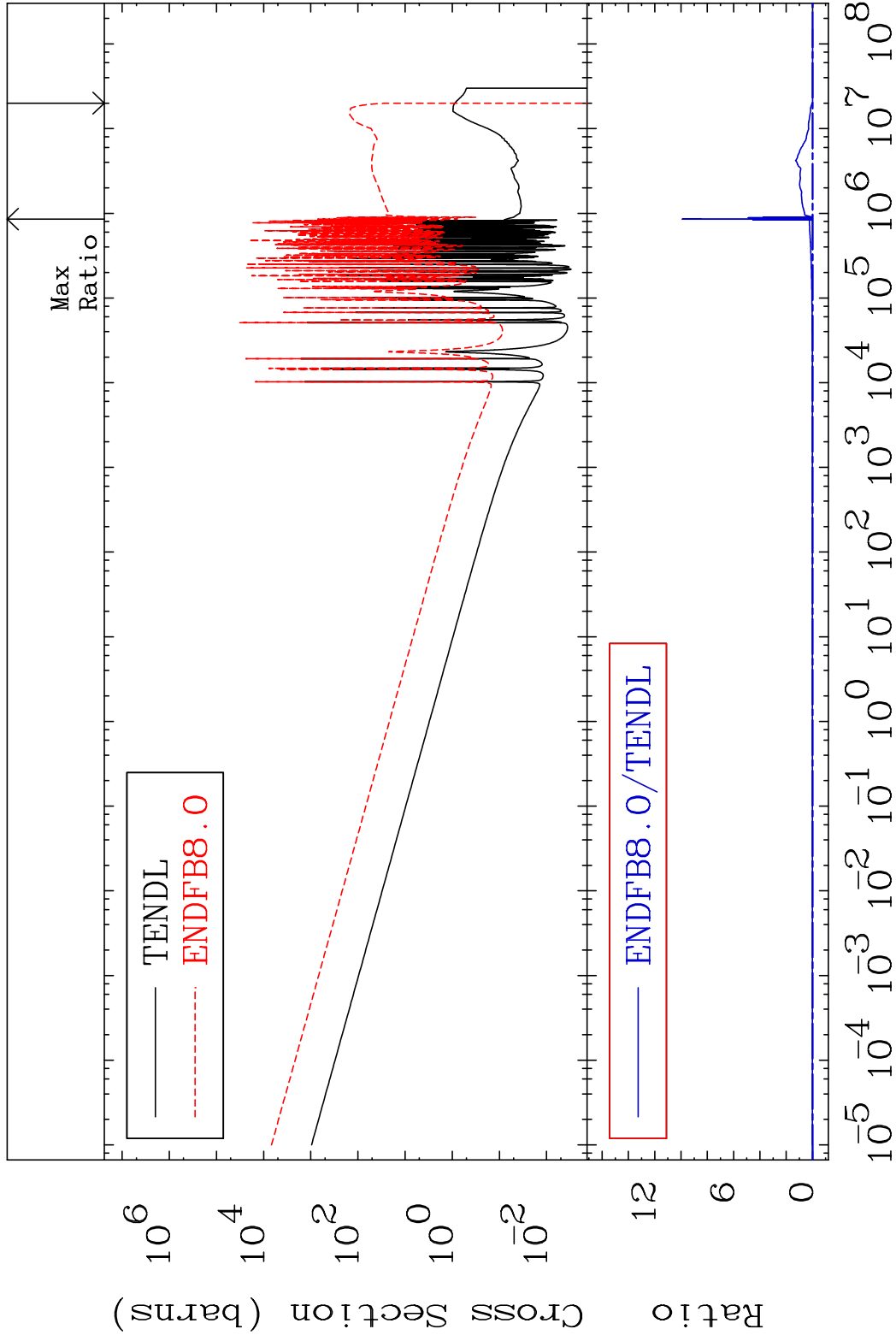


MAT 2437

Kerma capture (mt102)

²⁴Cr-54

Cross Section -100.0 To 9999. %

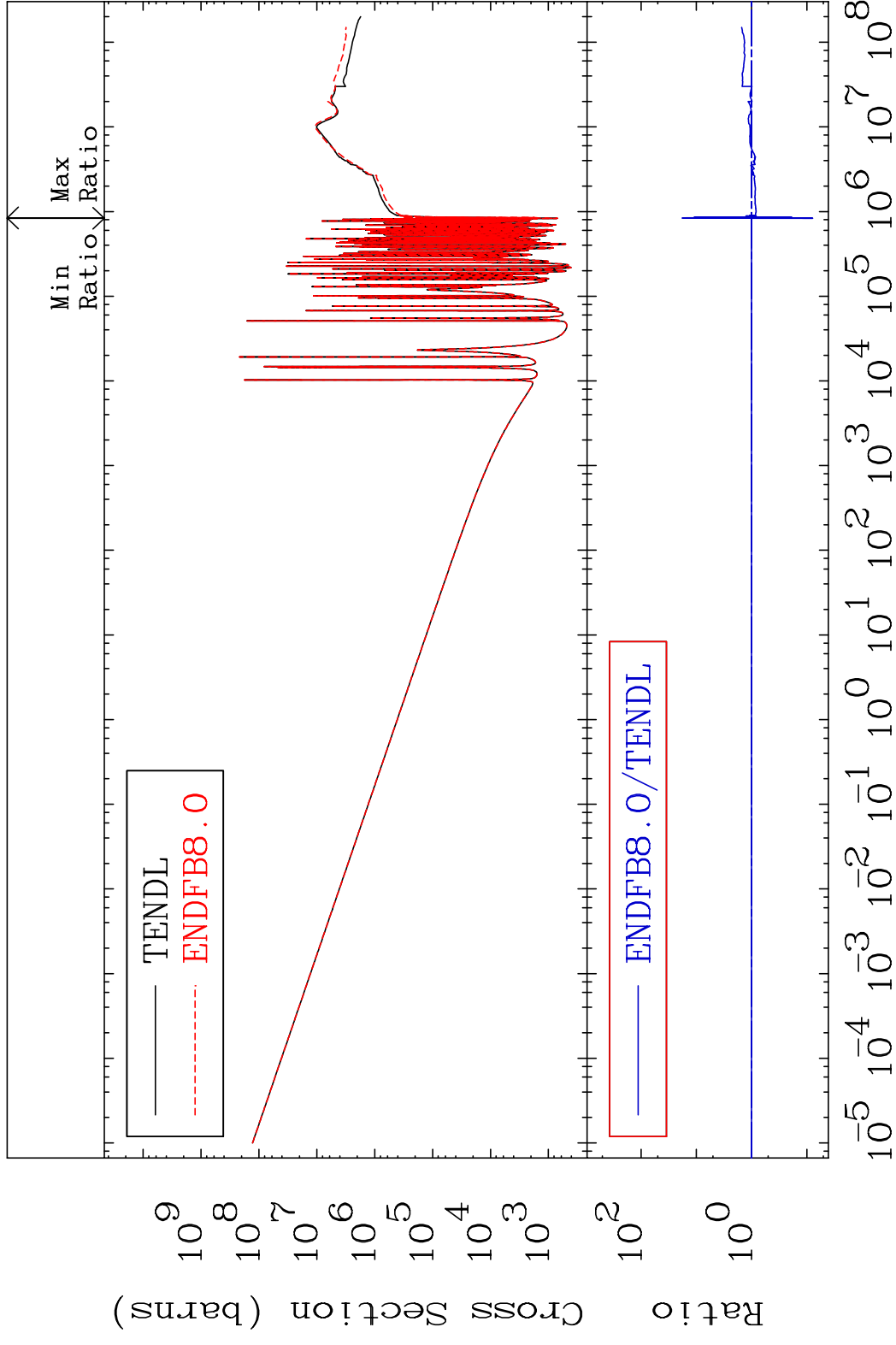


23

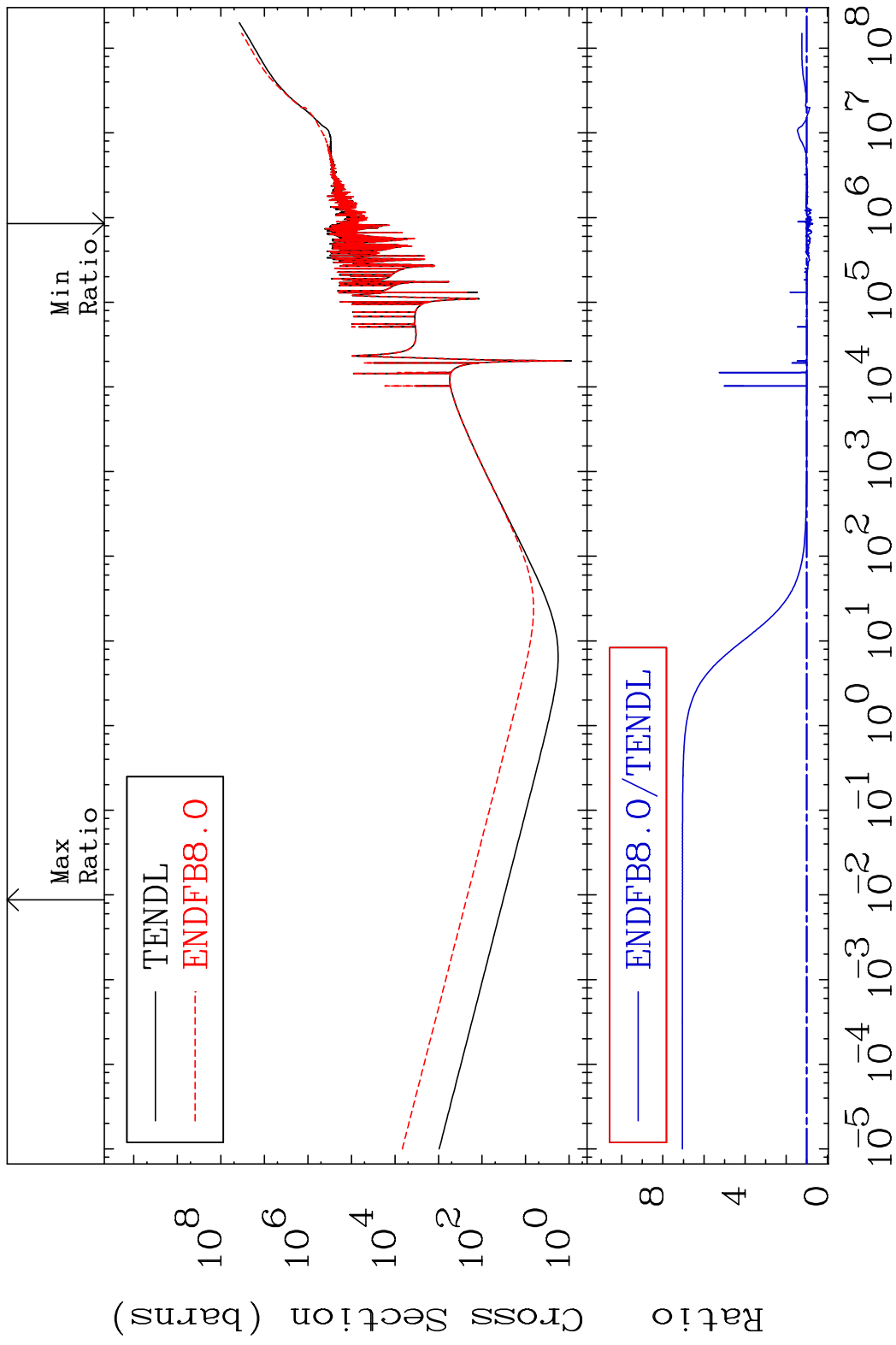
Incident Energy (eV)

²⁴Cr-54

MAT 2437 Total photon (eV-barns) 24-Cr-54
 Cross Section -92.13 To 1688. %



MAT 2437 Total kinematic kerma (high limit) 24-Cr-54
 Cross Section -28.15 To 605.2 %

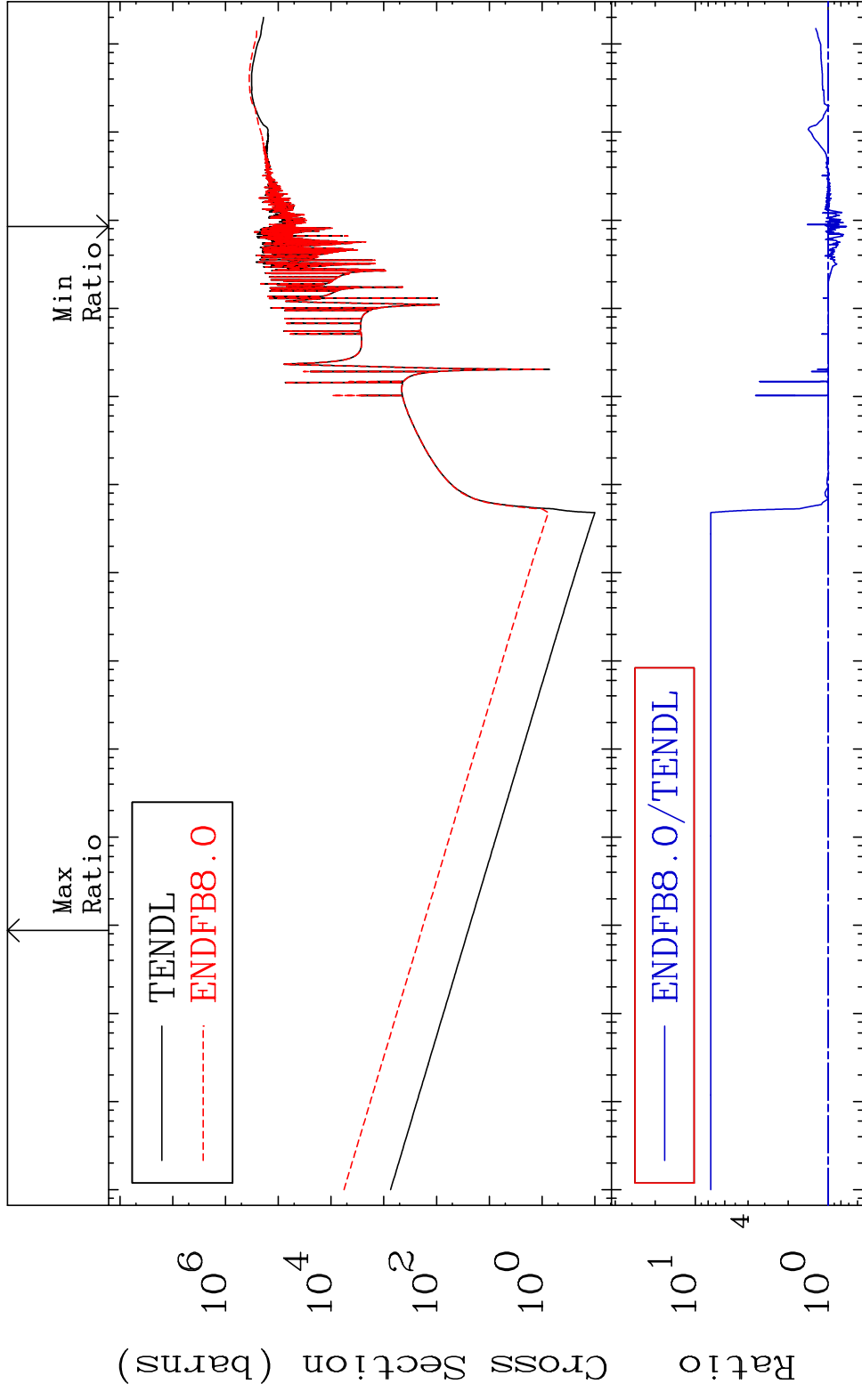


MAT 2437

Dpa total (eV-barns)

²⁴Cr-54

Cross Section -27.07 To 664.9 %



26

Incident Energy (eV)

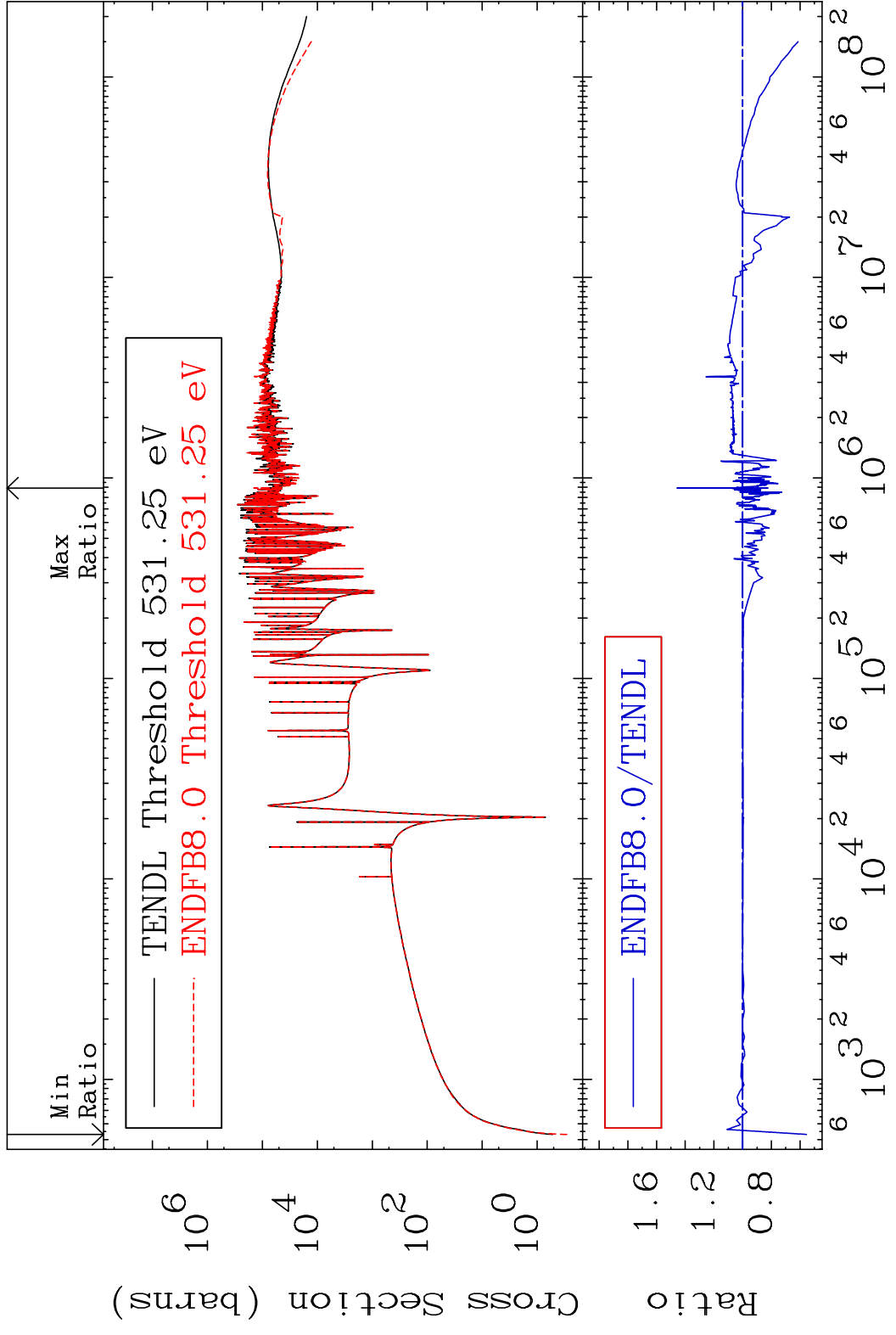
²⁴Cr-54

MAT 2437

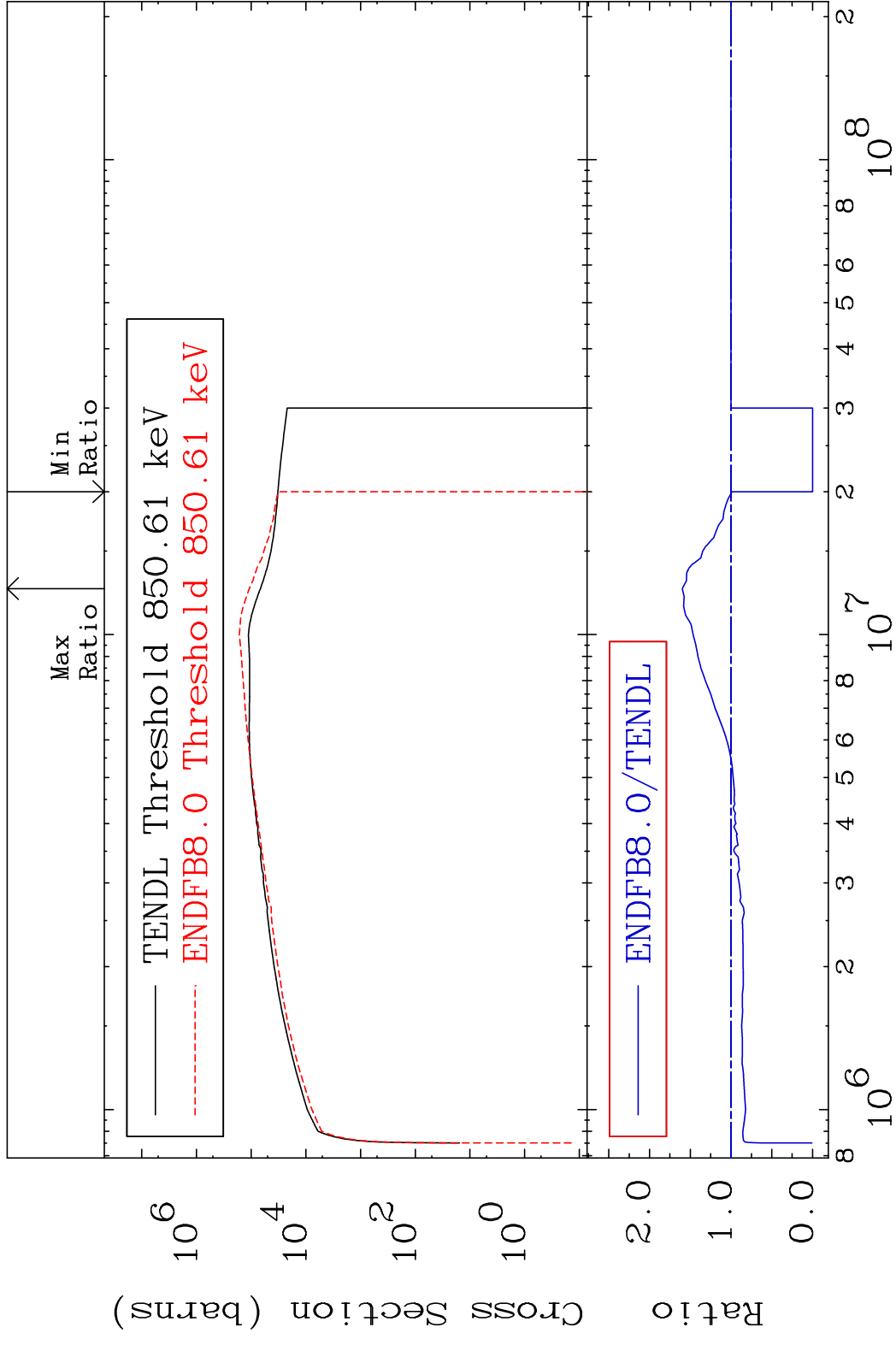
Dpa elastic (mt2)

²⁴Cr-54

Cross Section -44.41 To 45.61 %



MAT 2437 Dpa inelastic (mt51-91) ²⁴Cr-54
 Cross Section -100.0 To 59.75 %



28 Incident Energy (eV) ²⁴Cr-54

MAT 2437 Dpa disappearance (mt102 -120) 24-Cr-54
Cross Section -100.0 To 9999. %

