

Program Complot
(Version 2021-1)

by

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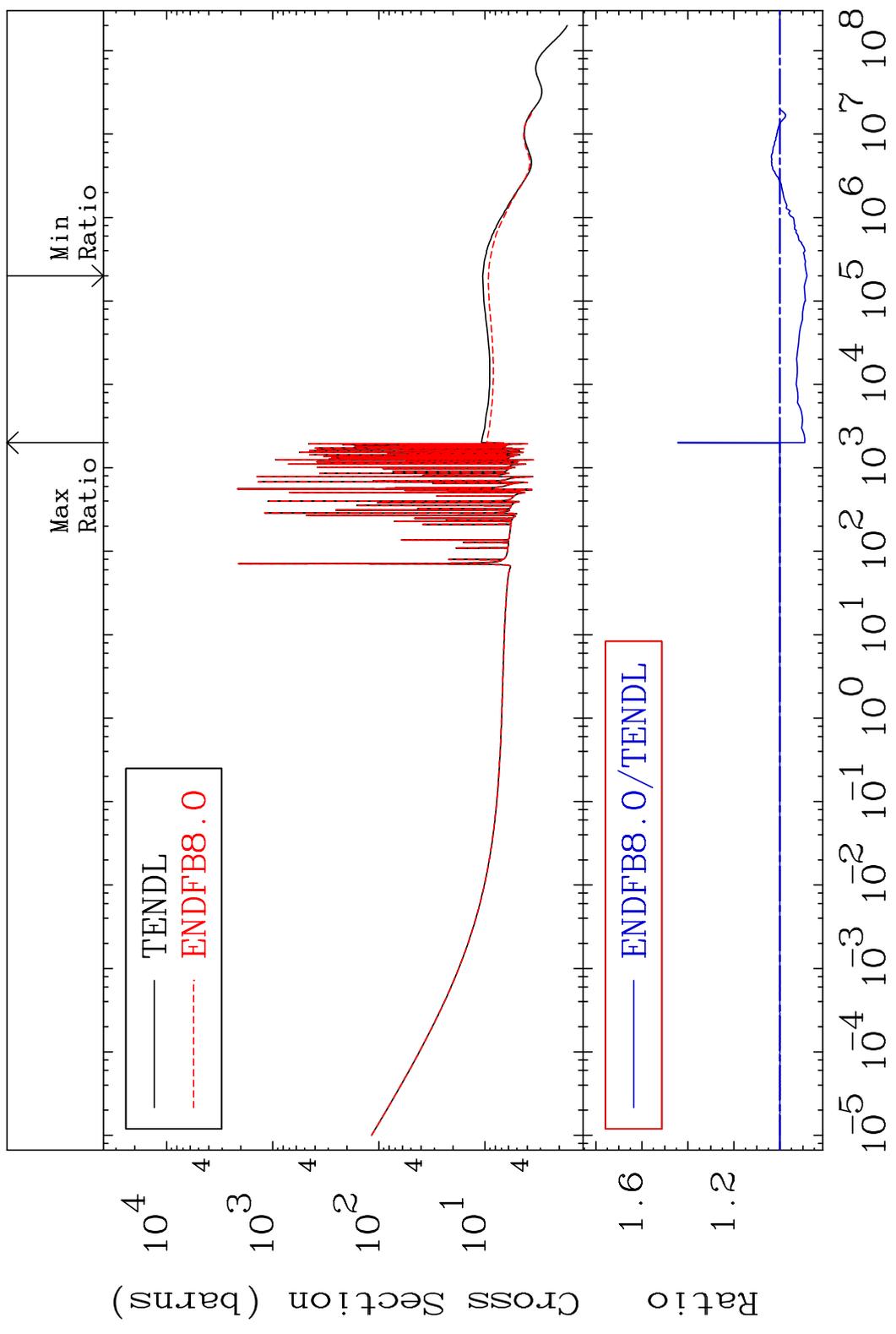
Press Mouse Button to Start

MAT 4240

Total

42-Mo-97

Cross Section -11.79 To 44.42 %



1

Incident Energy (eV)

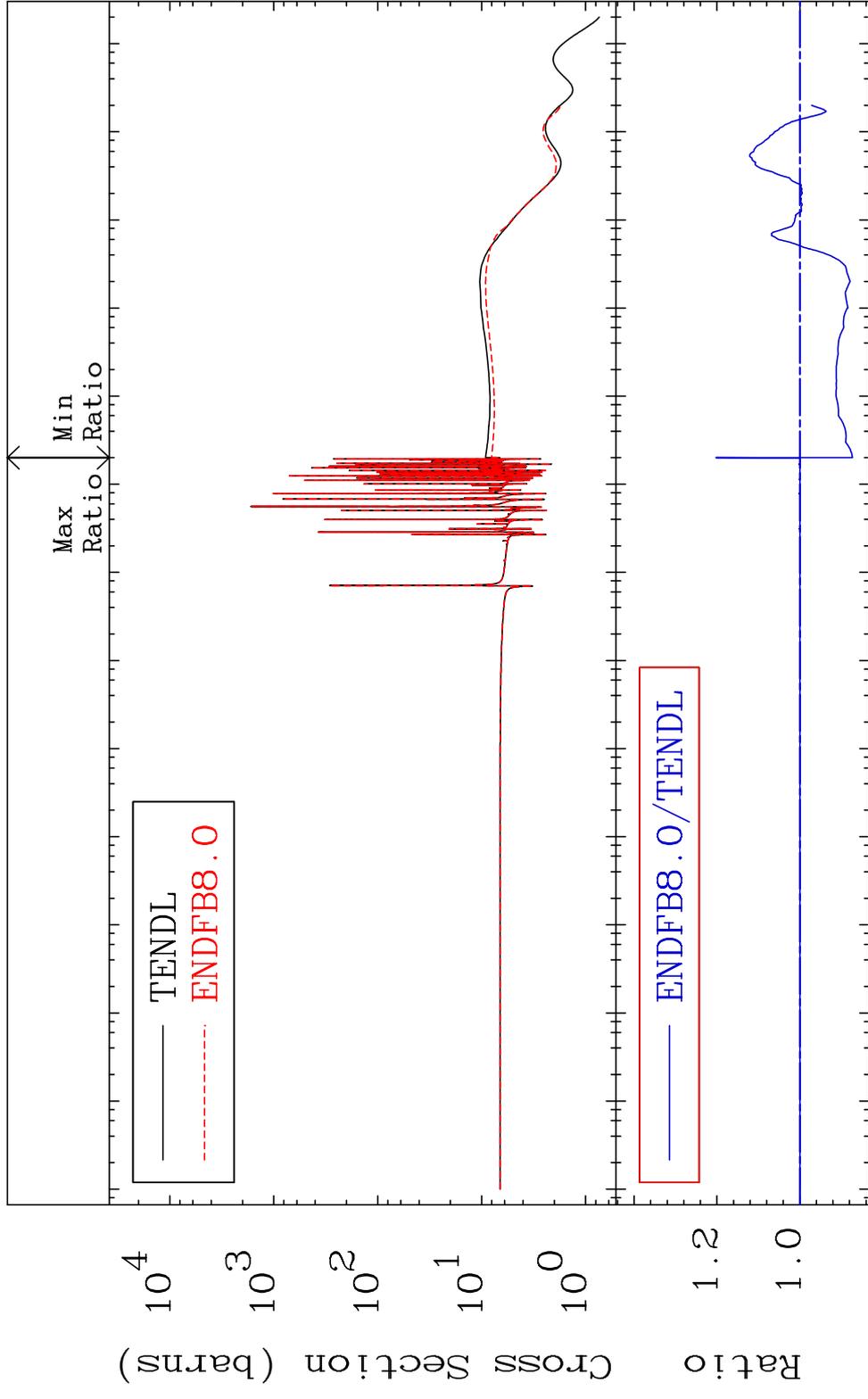
42-Mo-97

MAT 4240

Elastic

42-Mo-97

Cross Section -12.72 To 20.27 %



2

Incident Energy (eV)

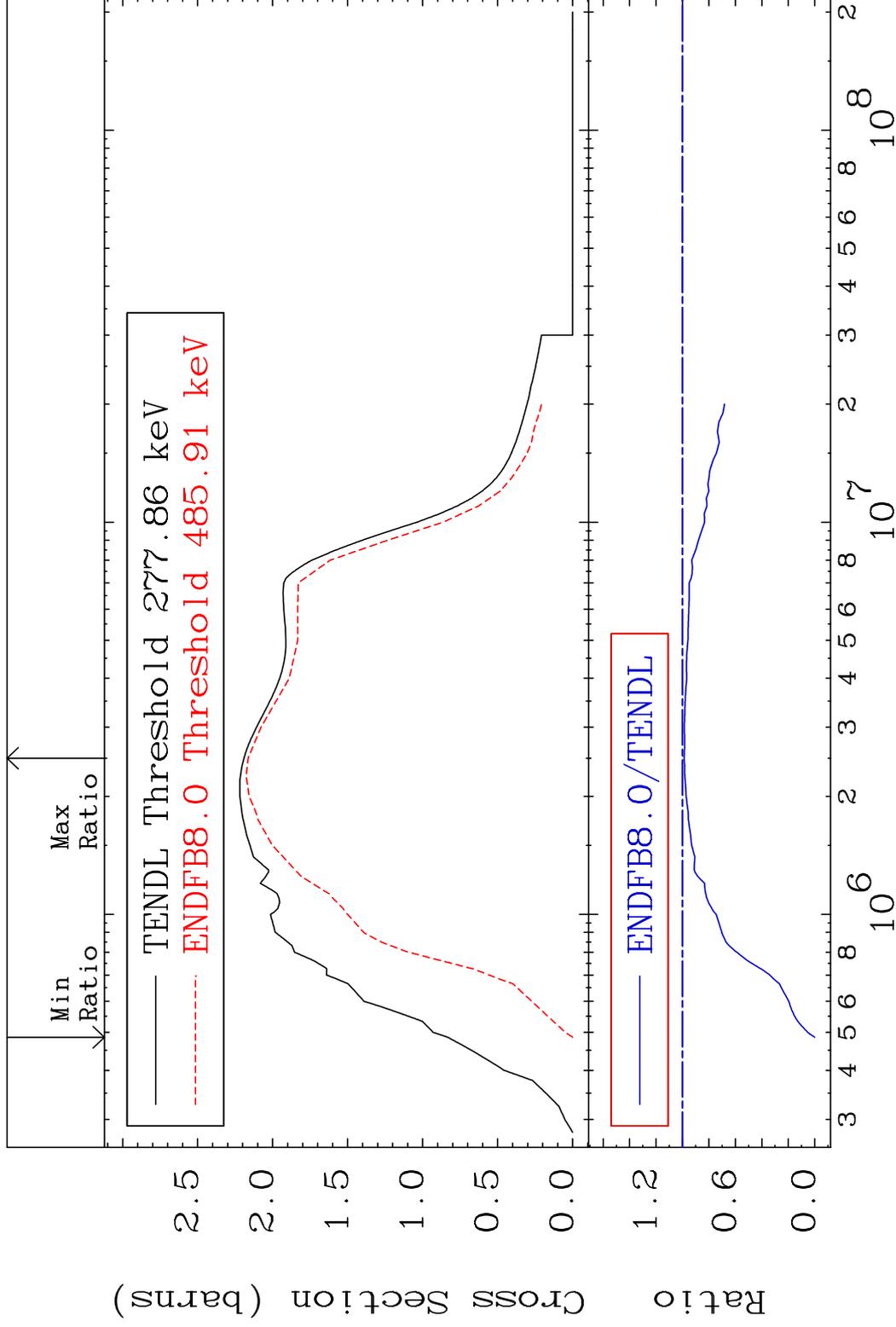
42-Mo-97

MAT 4240

Inelastic

42-Mo-97

Cross Section -100.0 To -1.246%

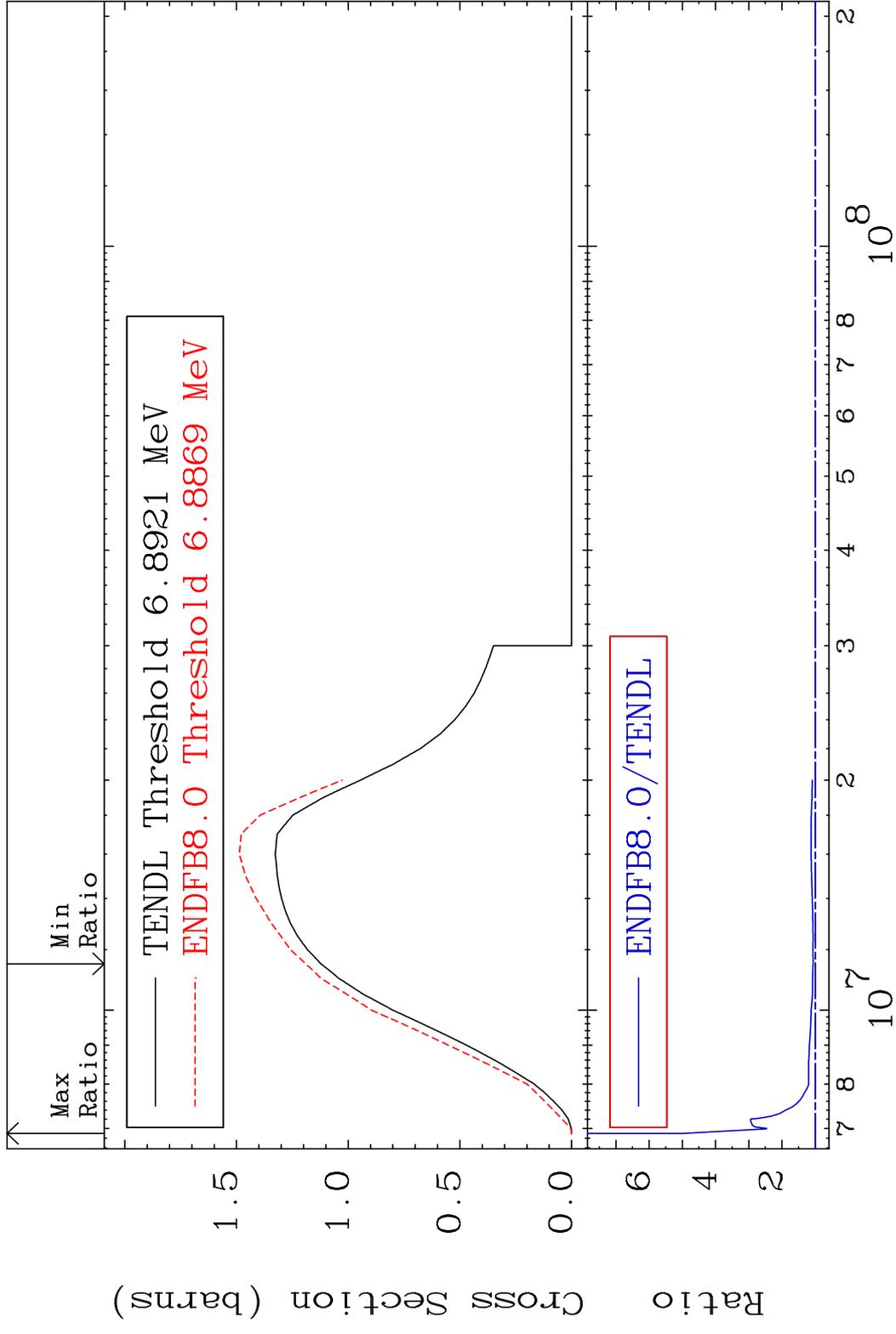


3

Incident Energy (eV)

42-Mo-97

MAT 4240 (n,2n) 42-Mo-97
 Cross Section 6.065 To 398.5 %

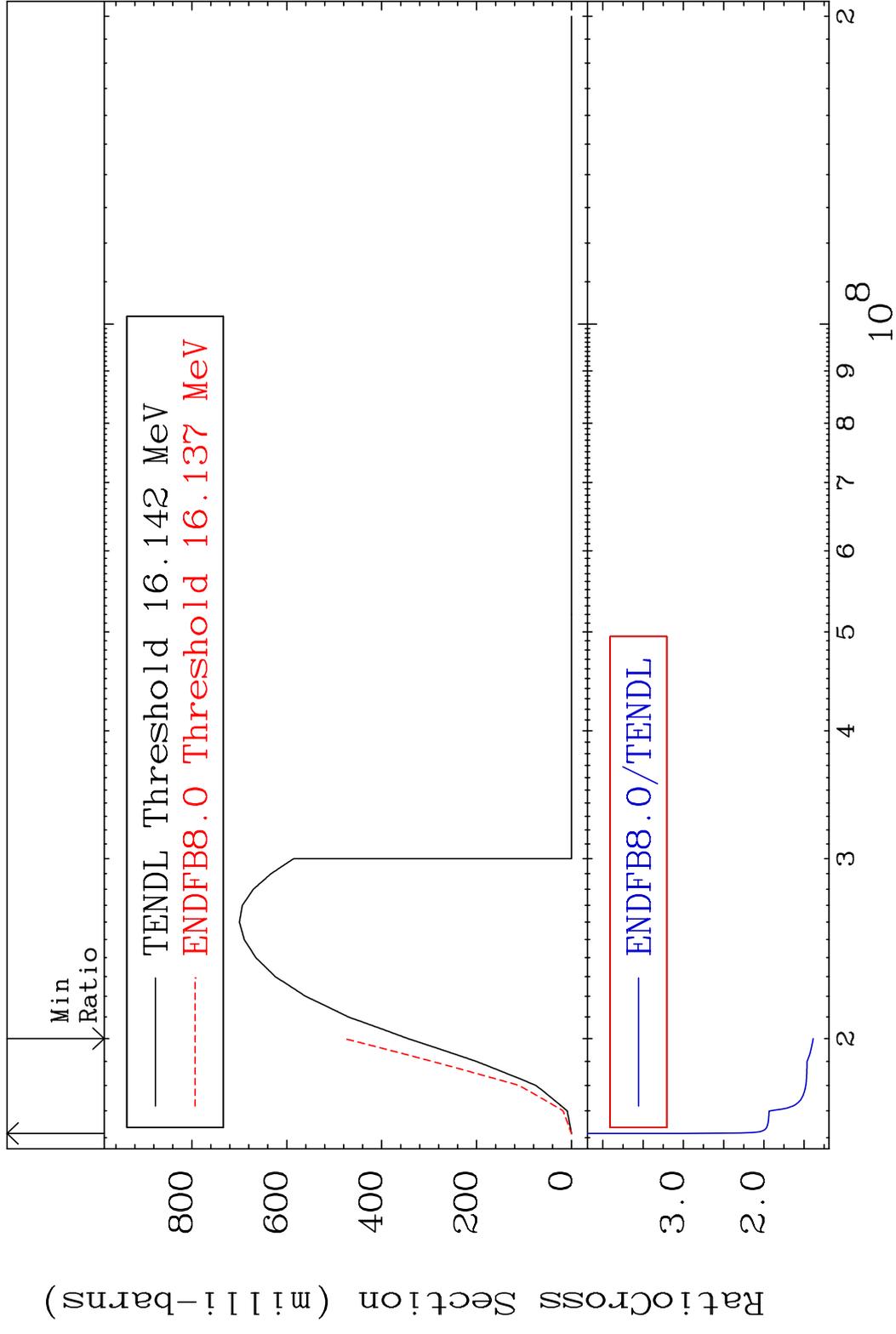


MAT 4240

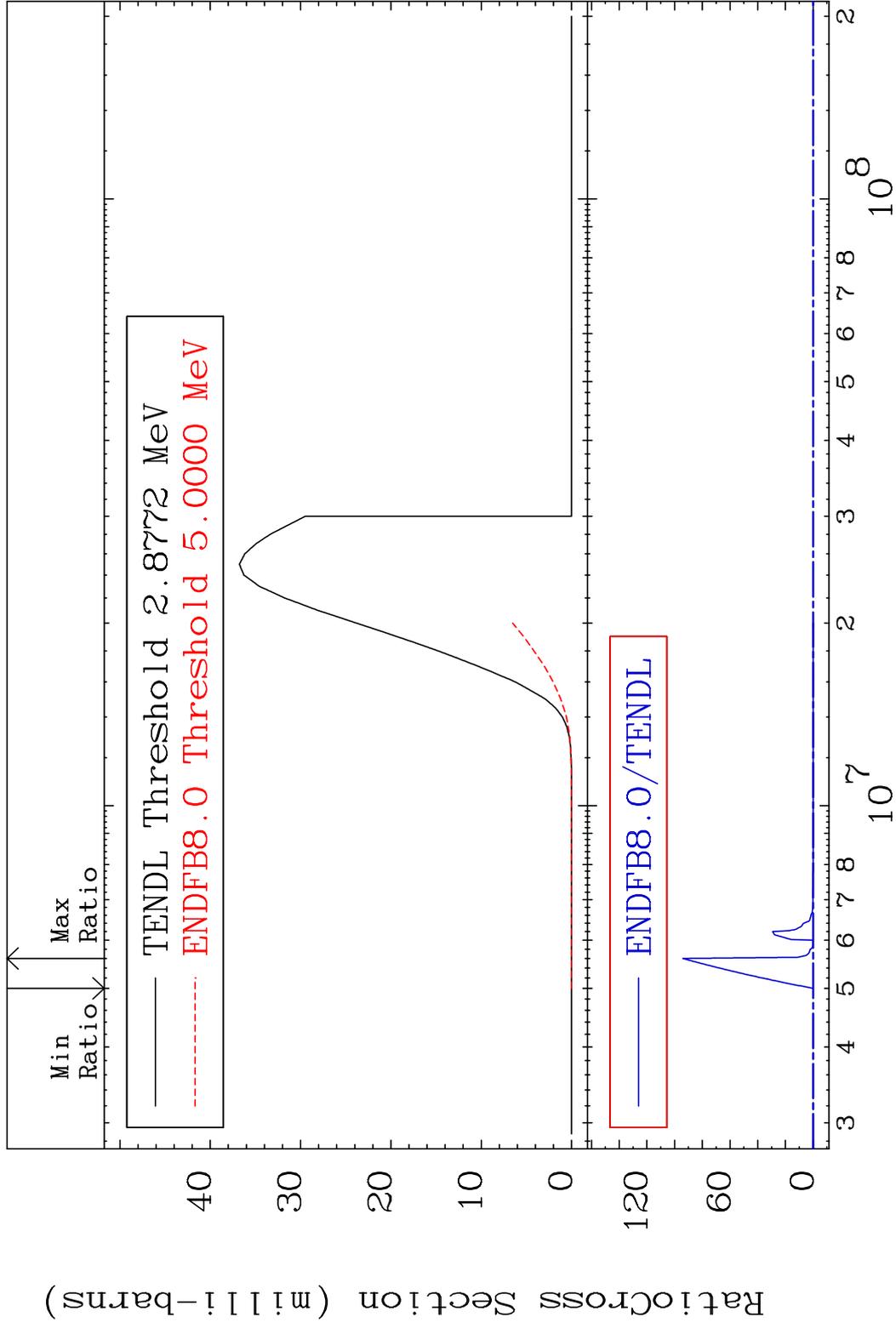
(n,3n)

42-Mo-97

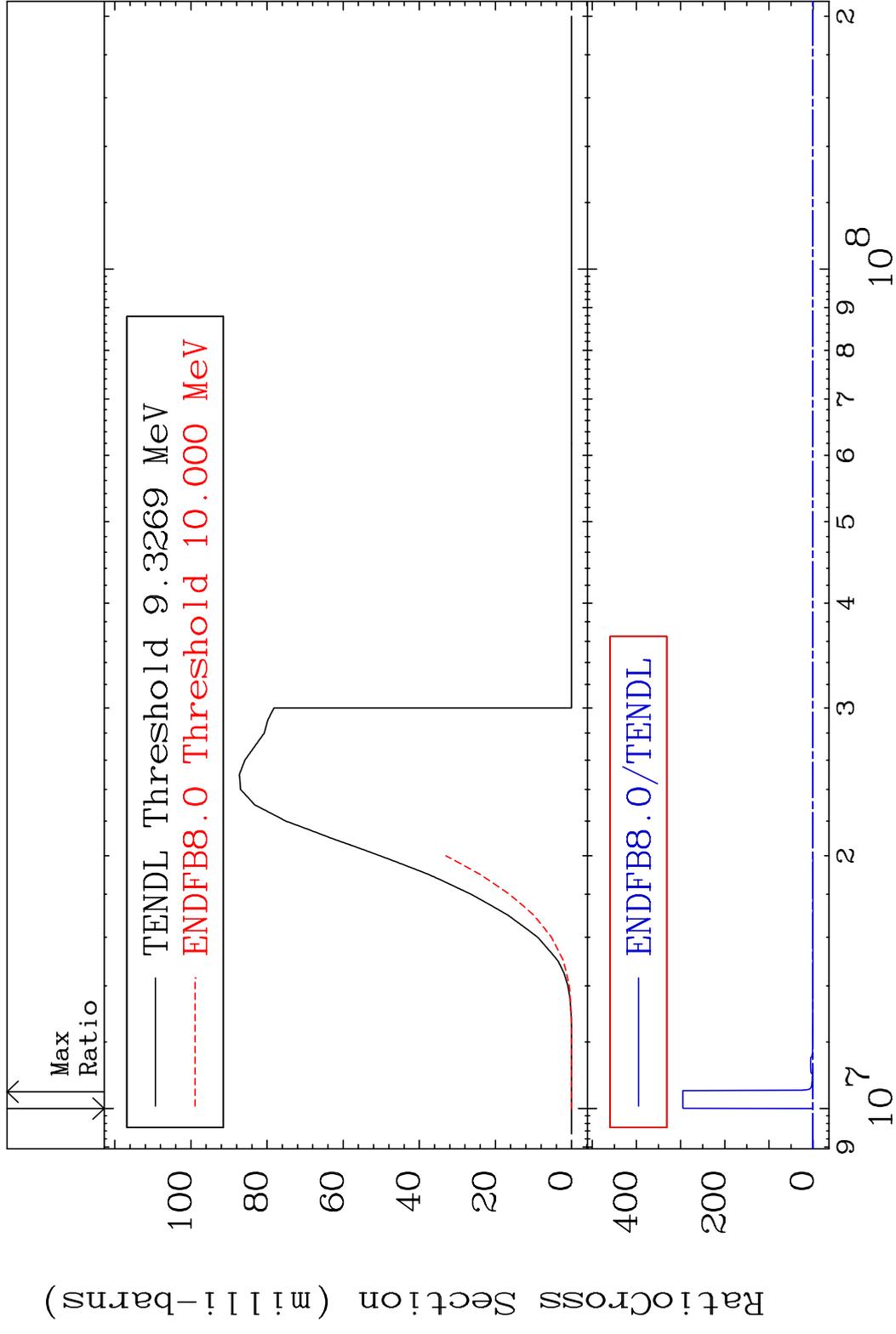
Cross Section 38.80 To 200.7 %



MAT 4240 (n, n') α 42-Mo-97
 Cross Section -100.0 To 9999. %

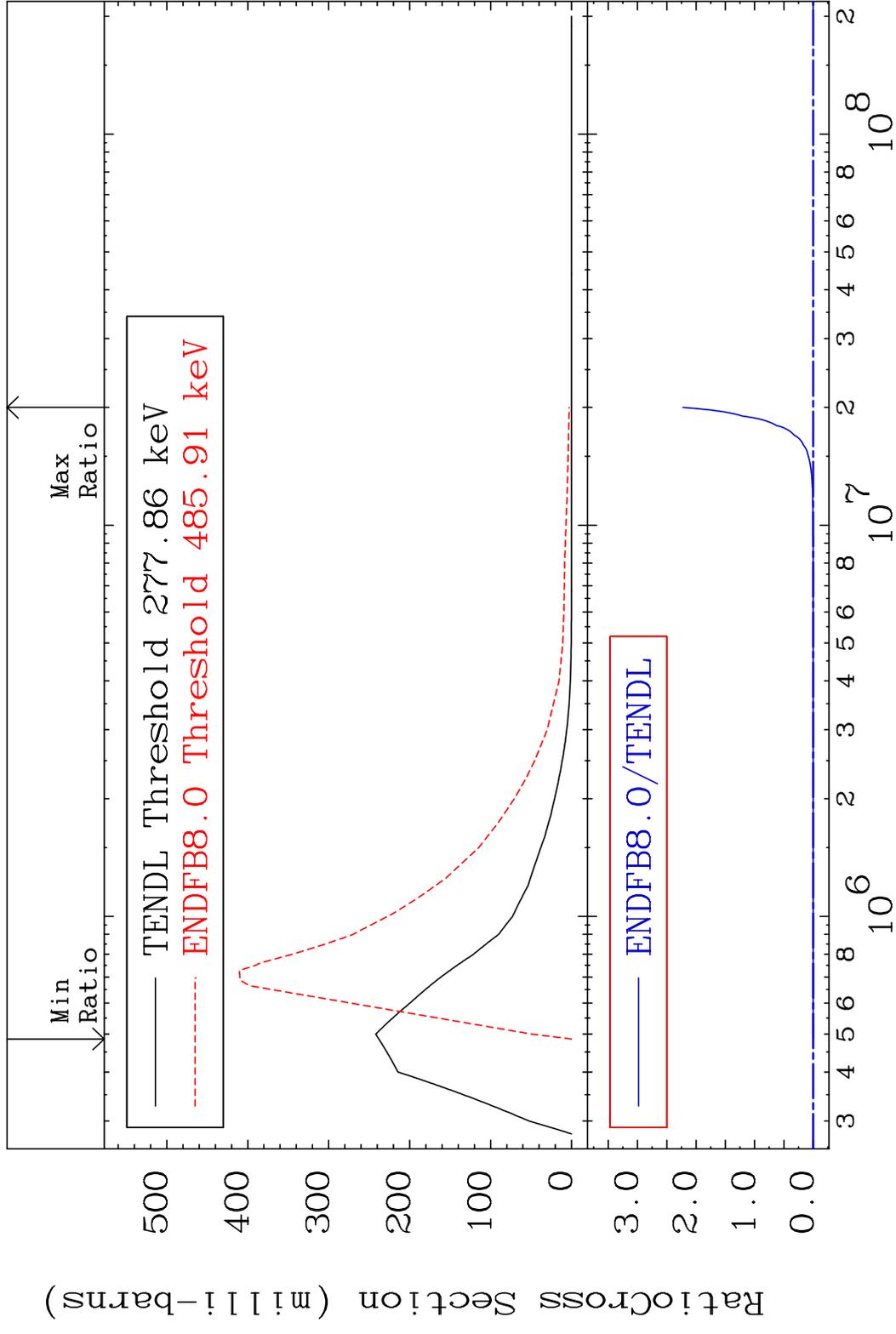


MAT 4240 (n, n') p 42-Mo-97
 Cross Section -100.0 To 9999. %

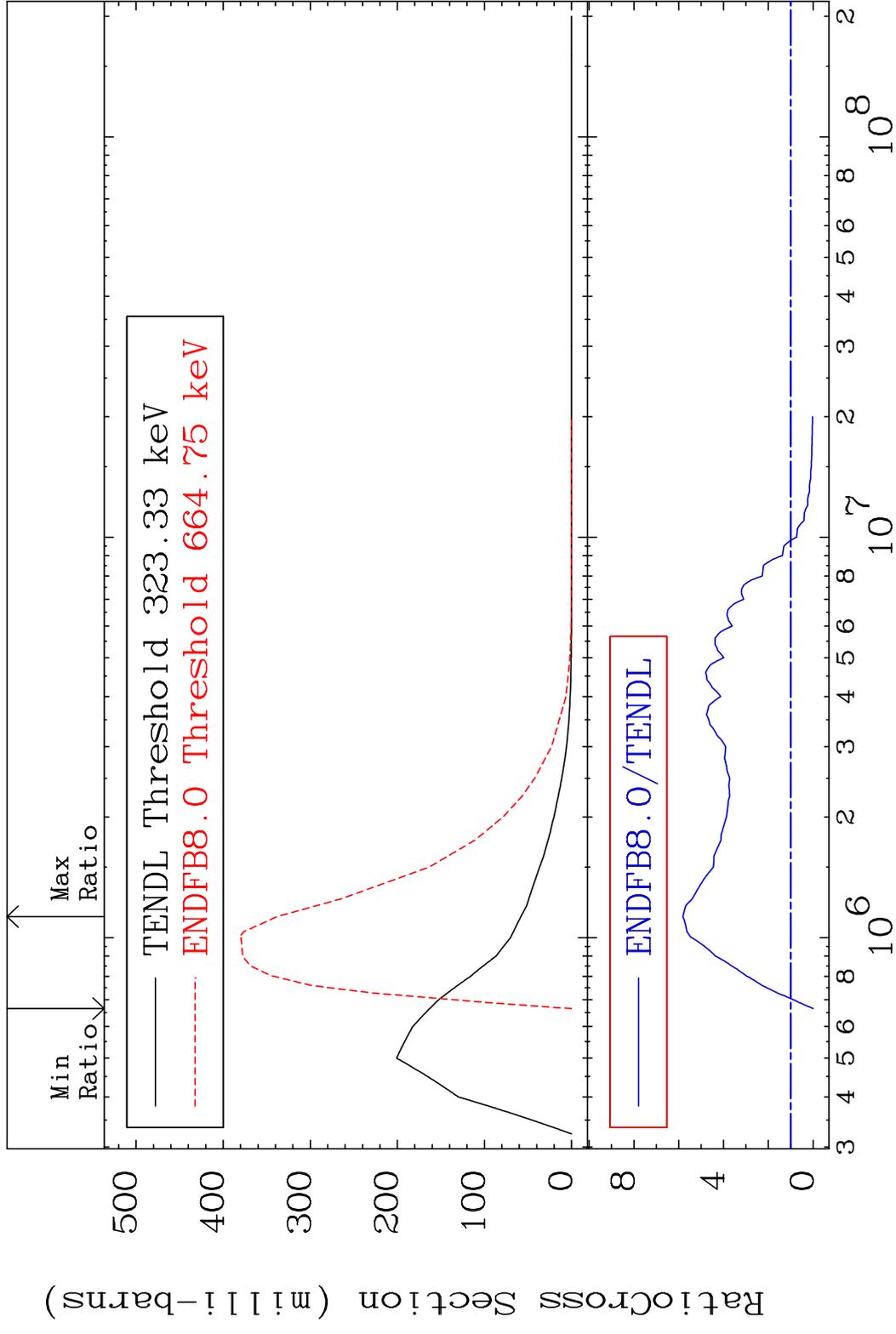


7 42-Mo-97

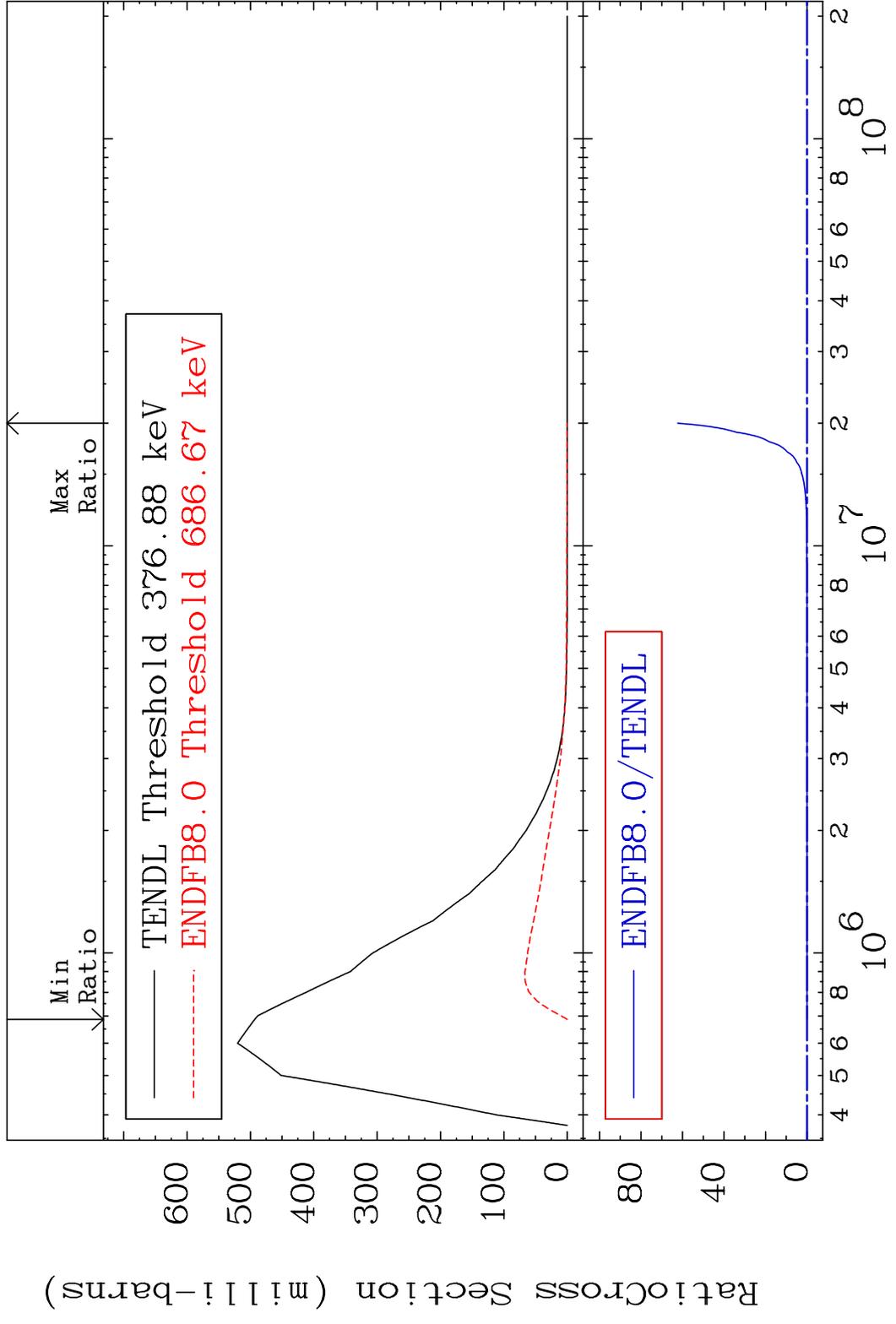
MAT 4240 MT= 51 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %



MAT 4240 MT= 52 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 481.7 %

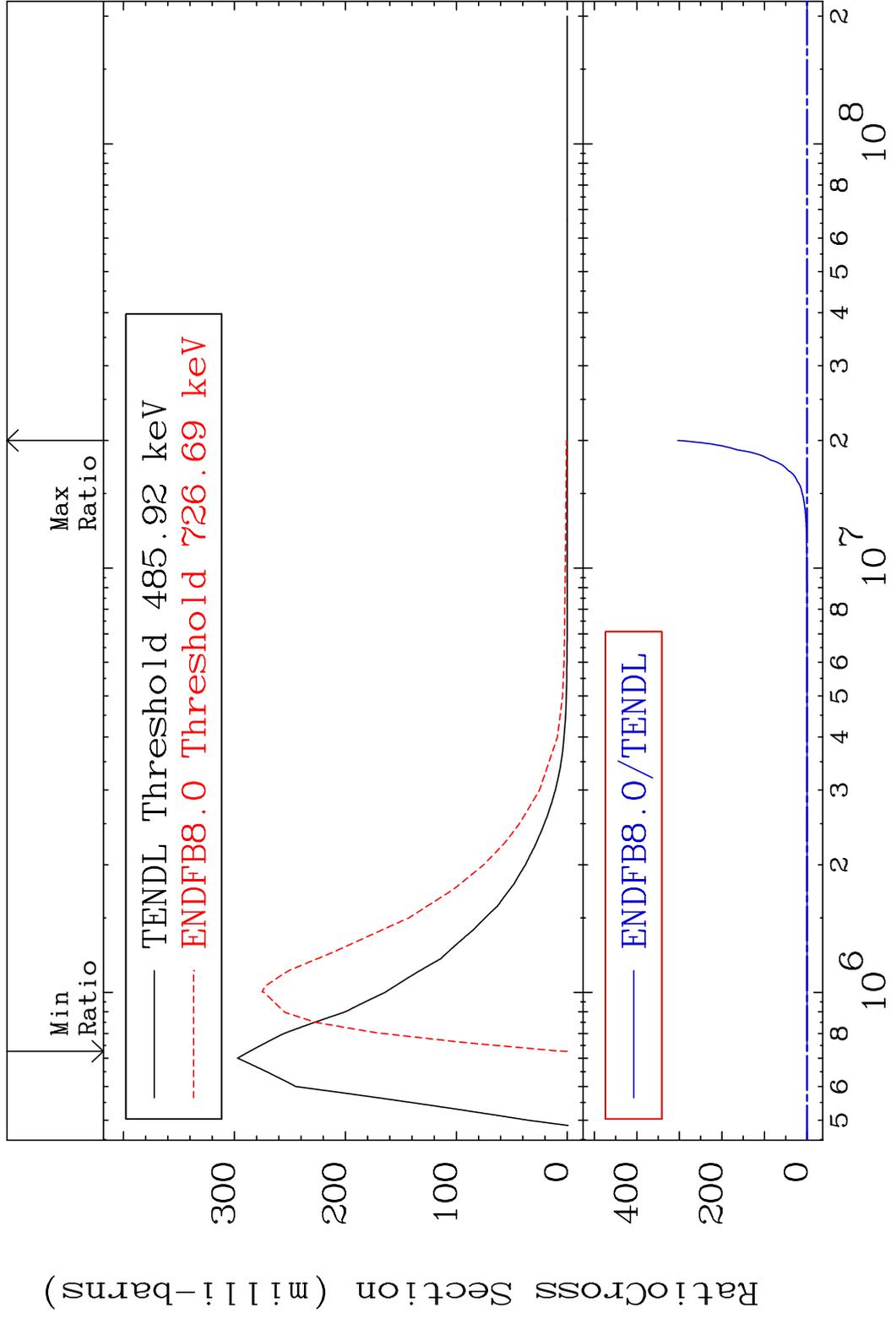


MAT 4240 MT= 53 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %

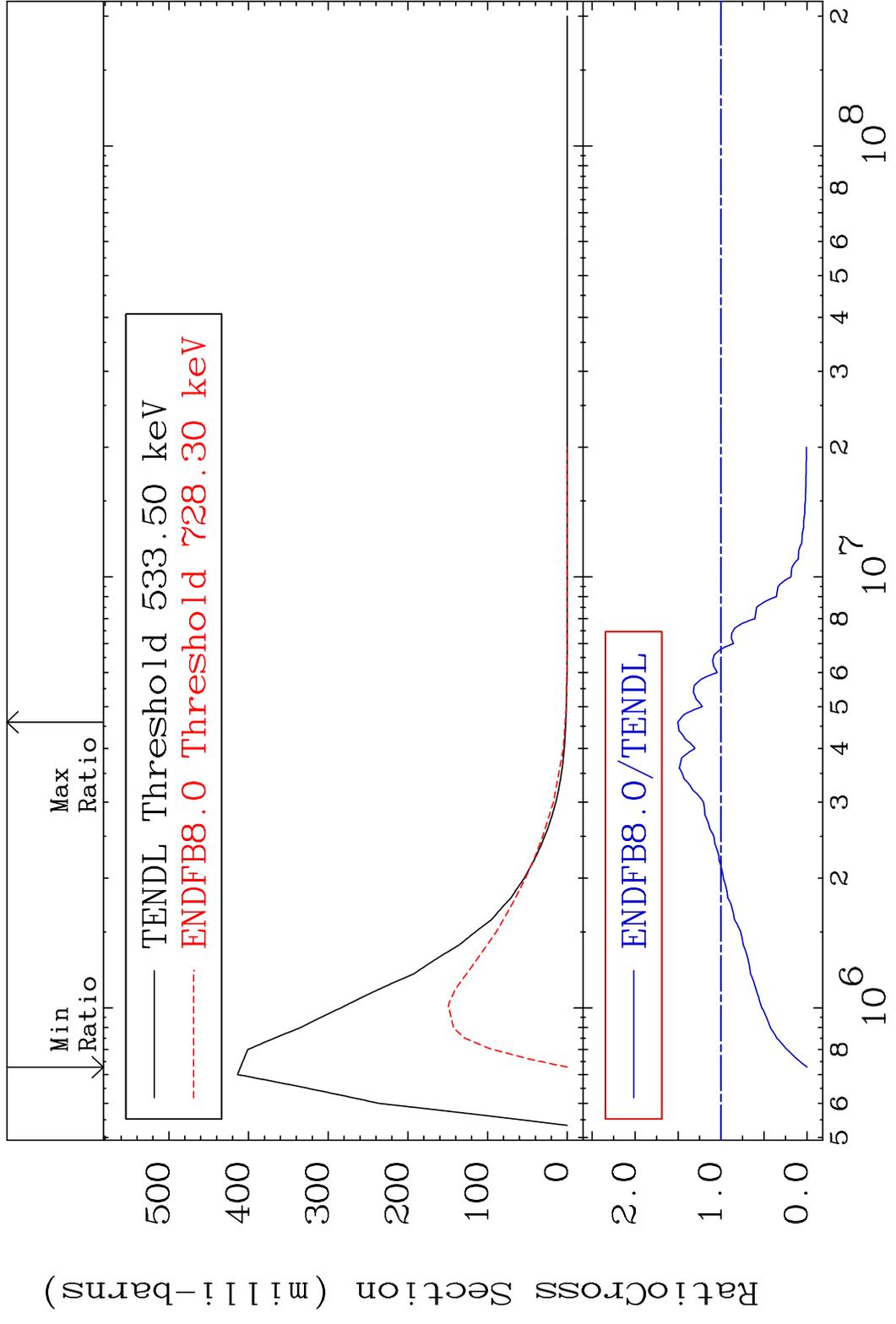


10 Incident Energy (eV) 42-Mo-97

MAT 4240 MT= 54 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 9999. %

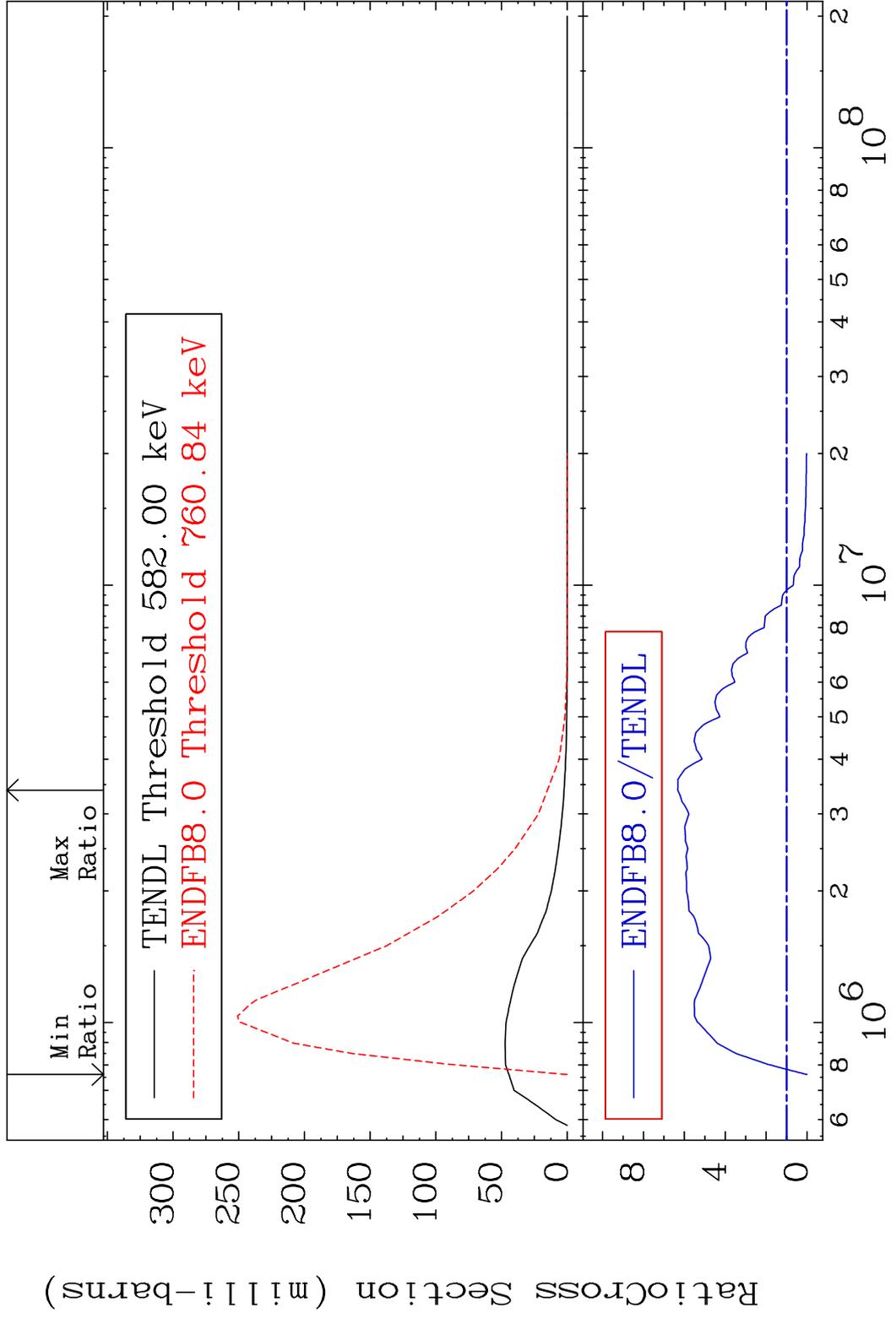


MAT 4240 MT= 55 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 50.44 %

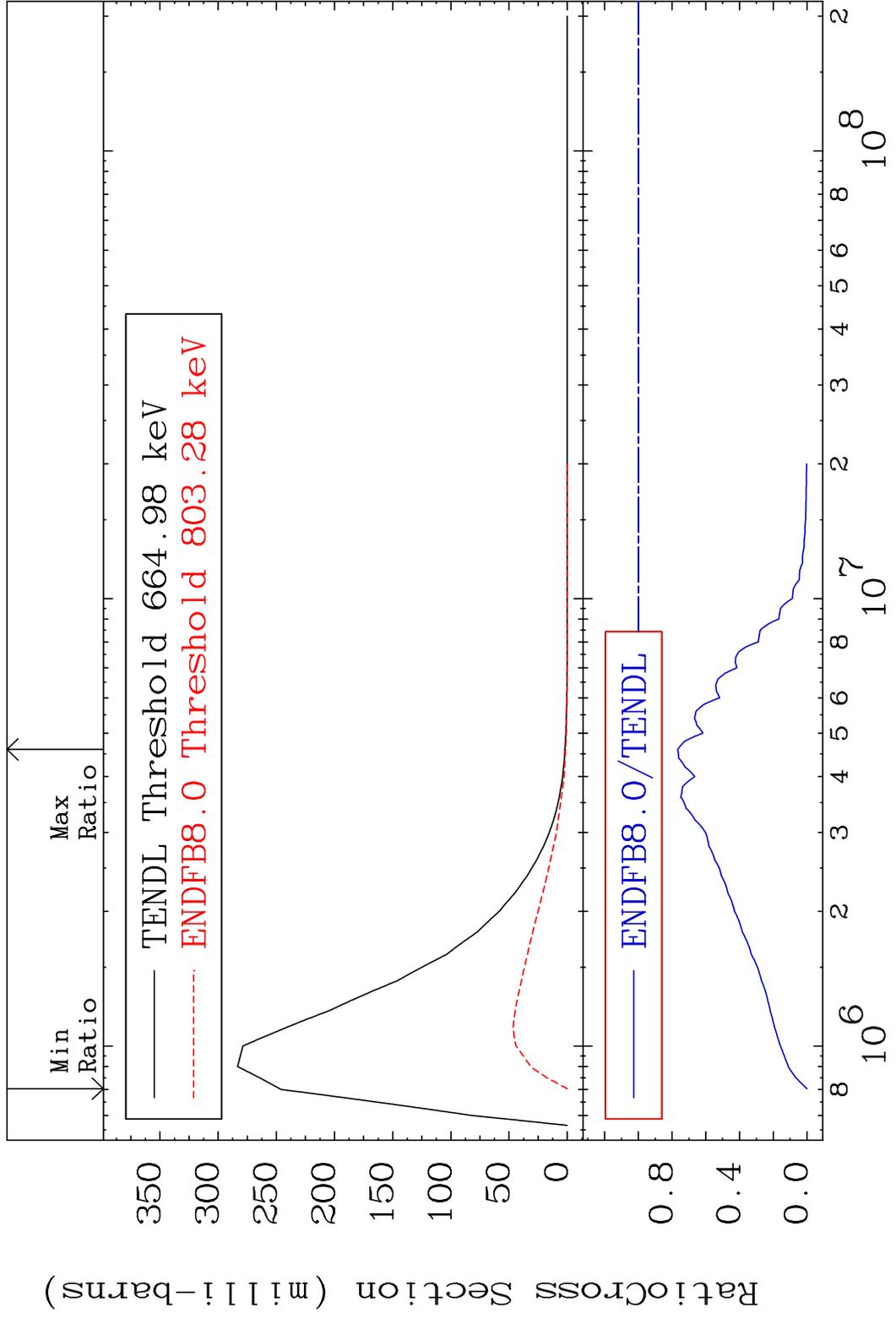


12 Incident Energy (eV) 42-Mo-97

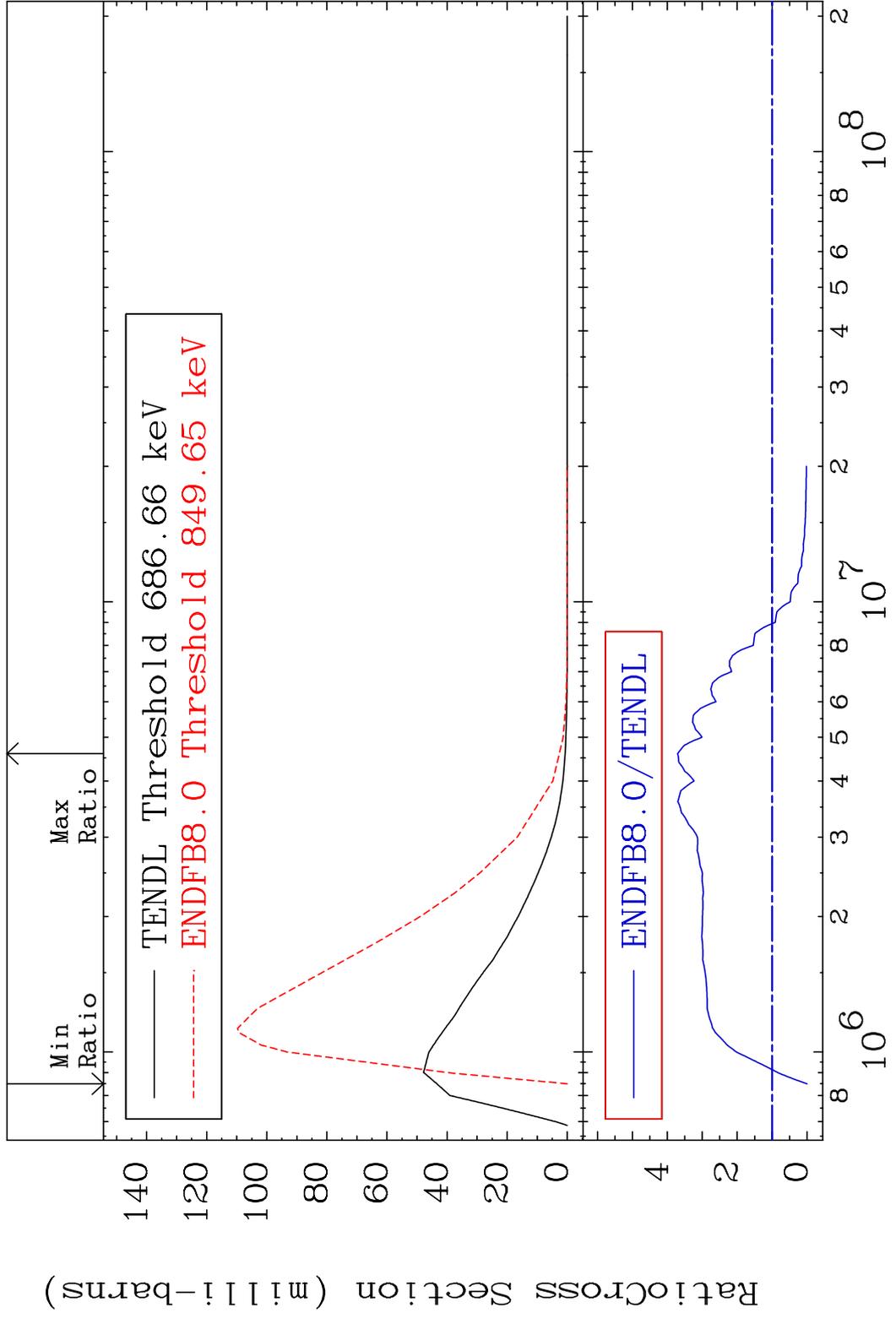
MAT 4240 MT= 56 (n,n') Level 42-Mo-97
 Cross Section -100.0 To 532.8 %



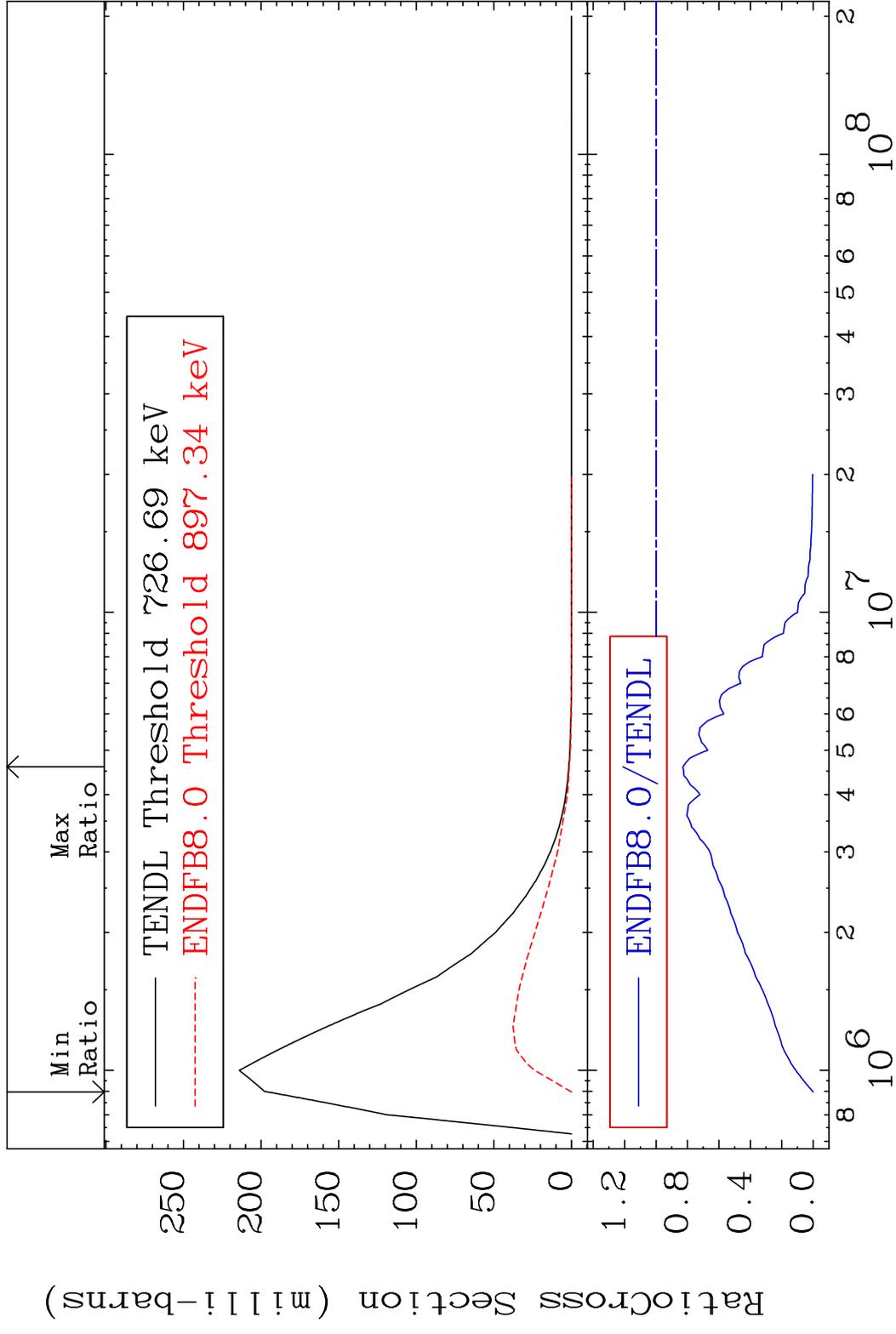
MAT 4240 MT= 57 (n, n') Level 42-Mo-97
 Cross Section -100.0 To -23.33%



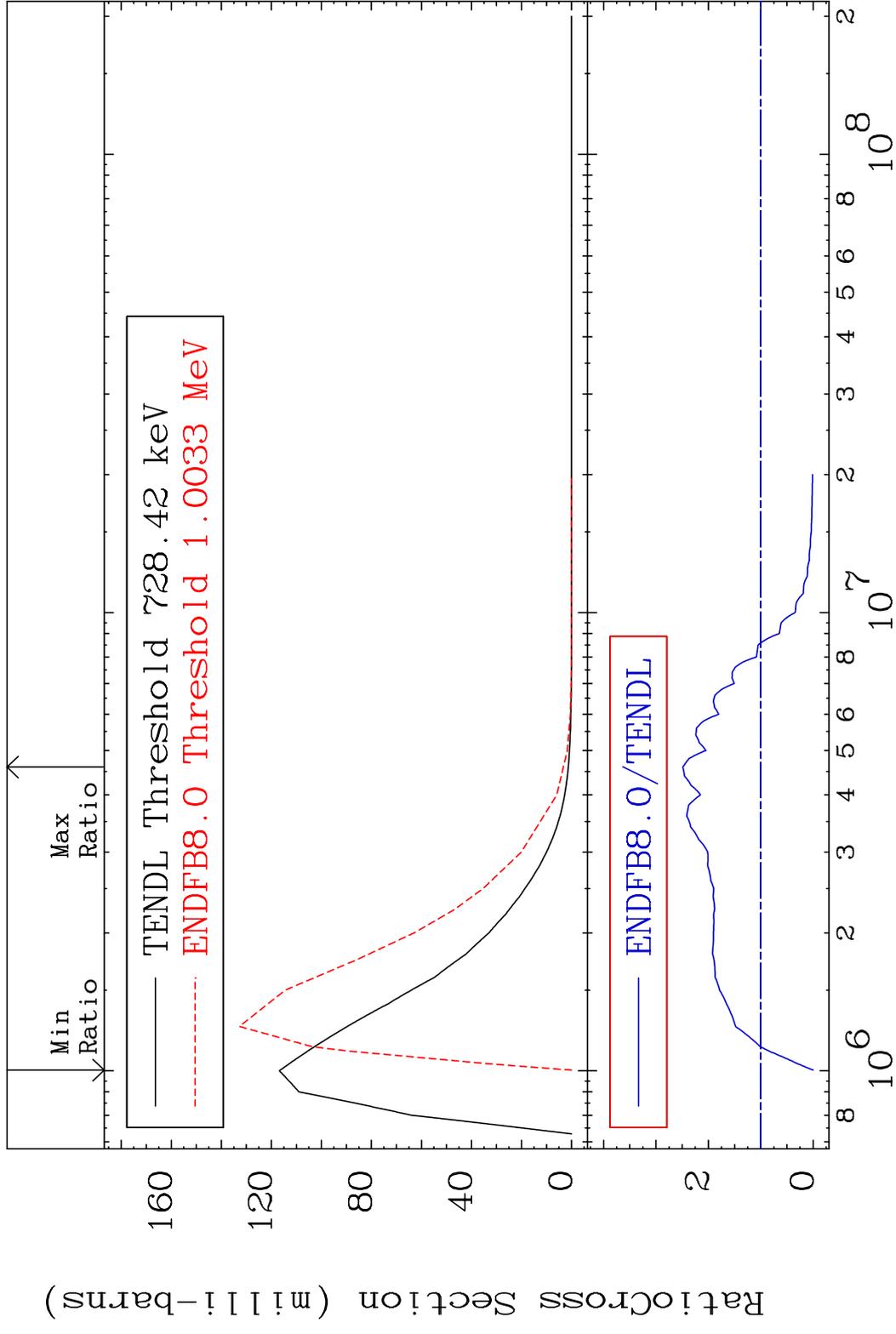
MAT 4240 MT= 58 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 270.4 %



MAT 4240 MT= 59 (n, n') Level 42-Mo-97
 Cross Section -100.0 To -17.04%

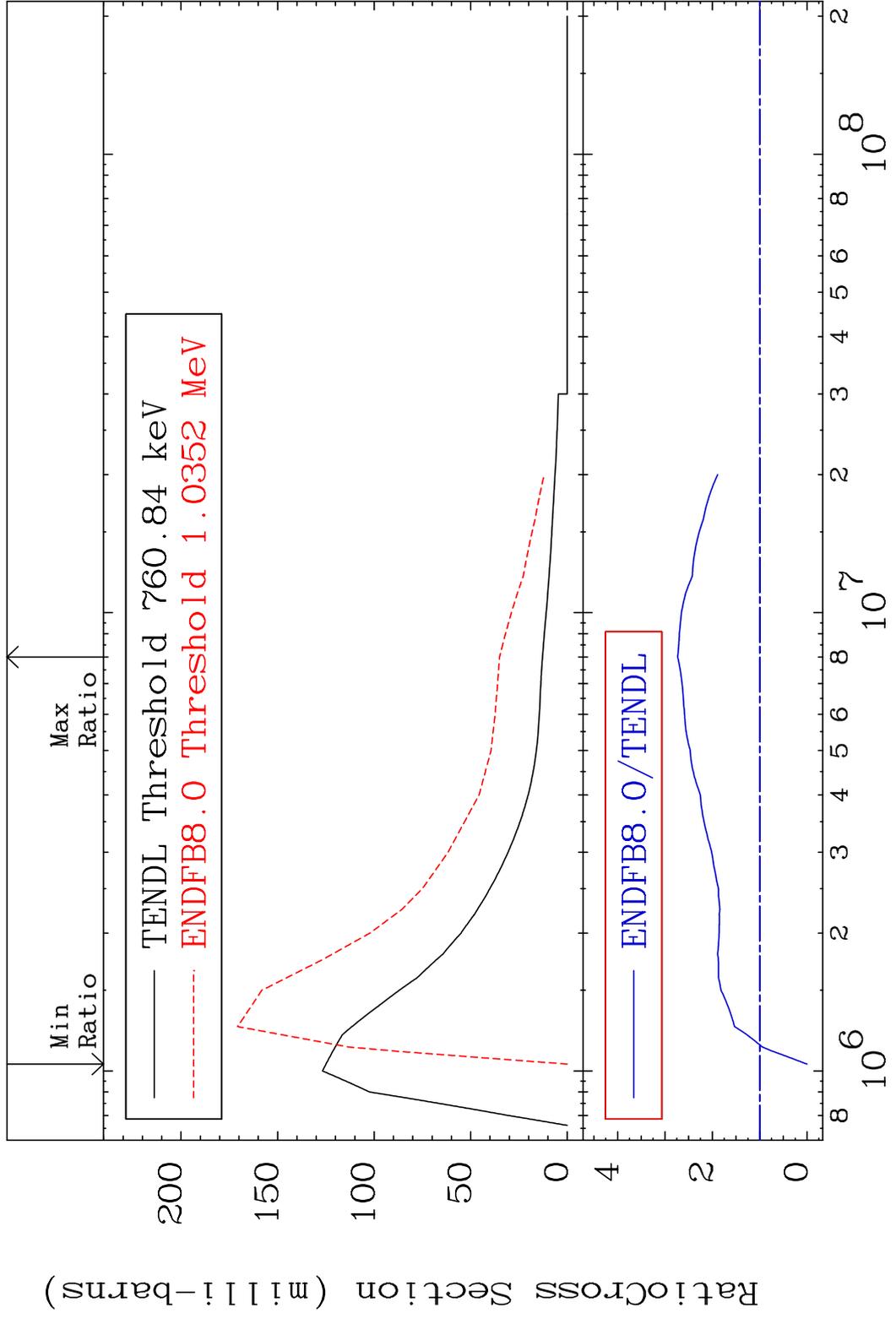


MAT 4240 MT= 60 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 148.8 %



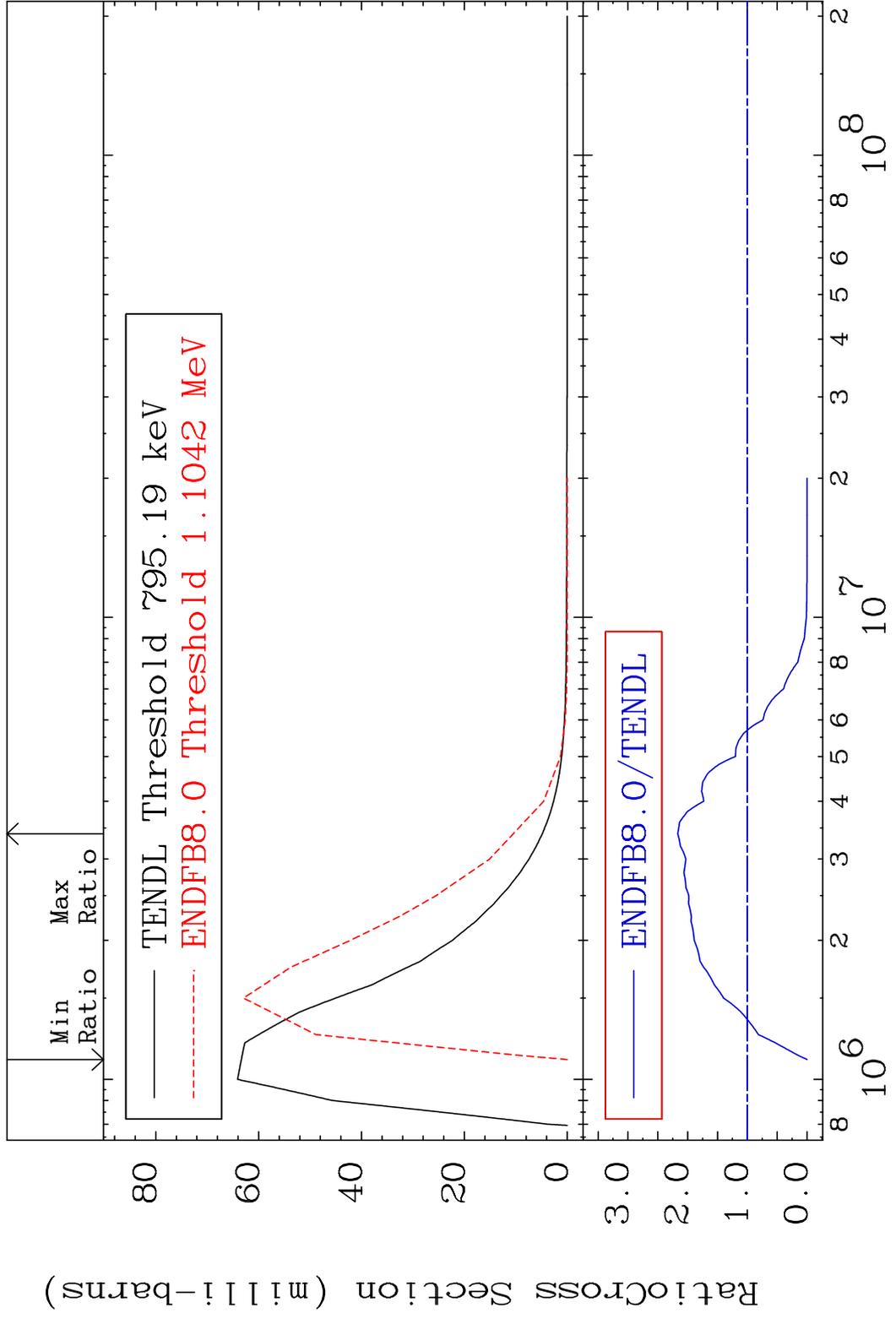
17 42-Mo-97

MAT 4240 MT= 61 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 173.2 %

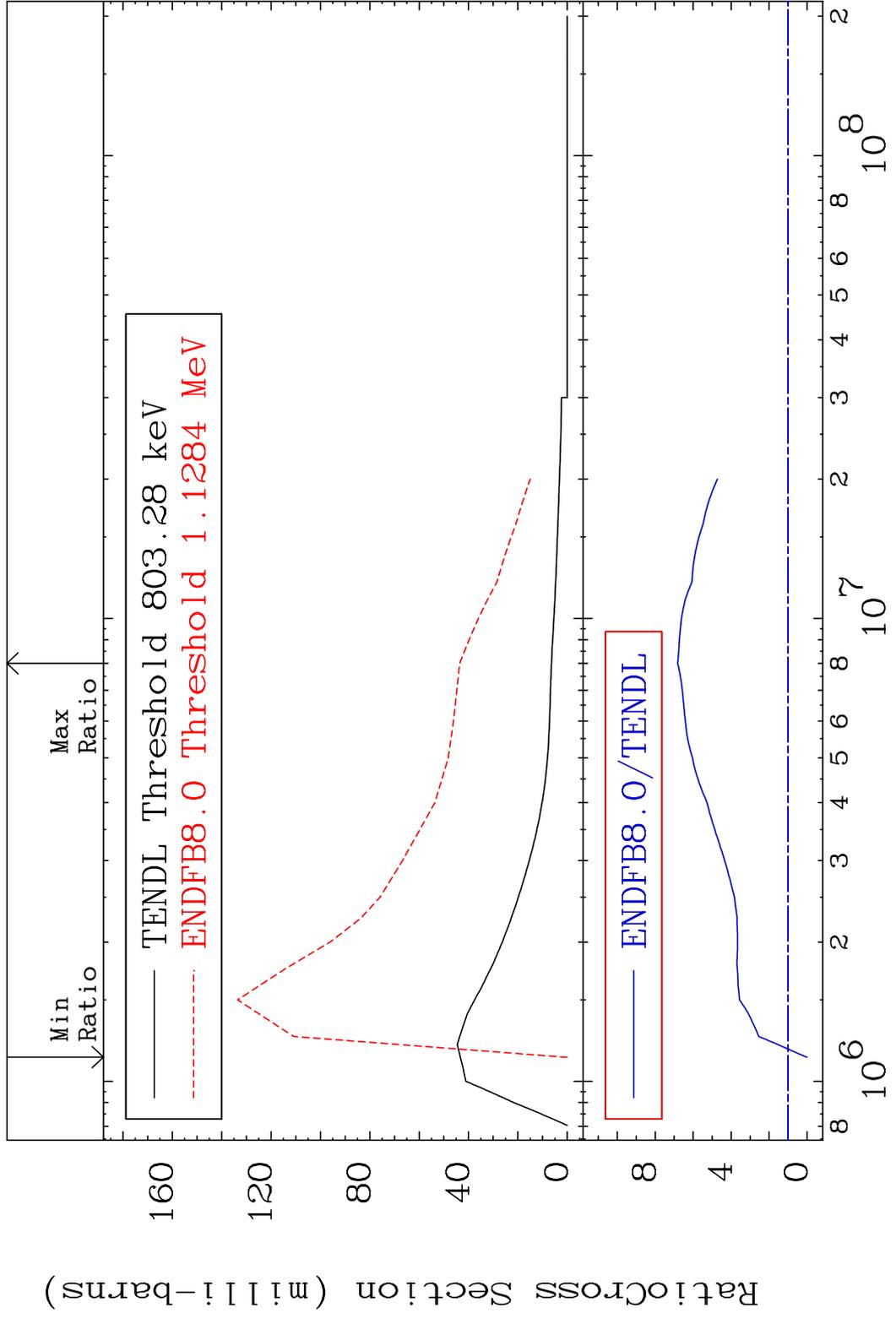


18 42-Mo-97

MAT 4240 MT= 62 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 116.7 %

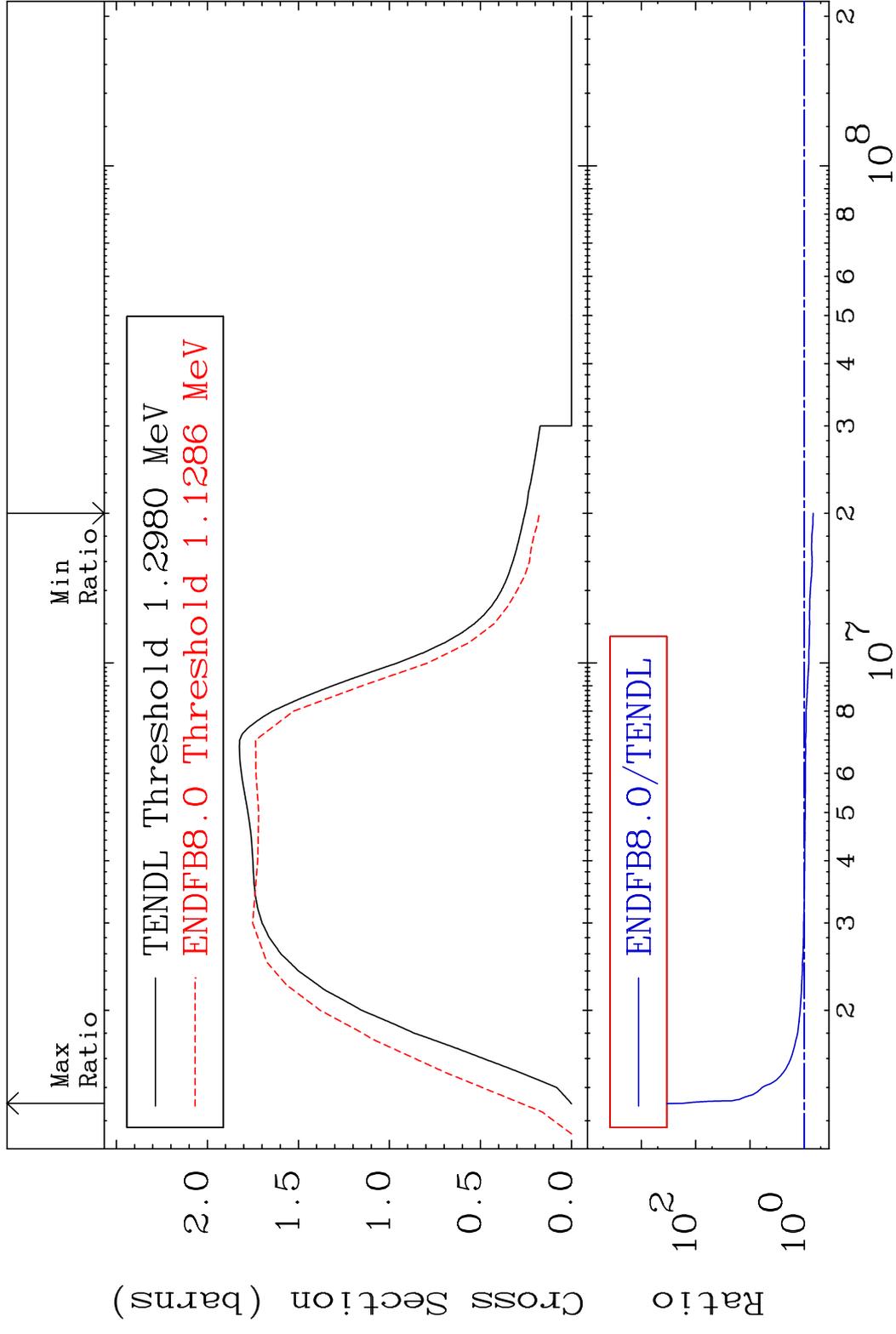


MAT 4240 MT= 63 (n, n') Level 42-Mo-97
 Cross Section -100.0 To 581.7 %



20 42-Mo-97

MAT 4240 (n, n') Continuum 42-Mo-97
 Cross Section -31.03 To 9999. %

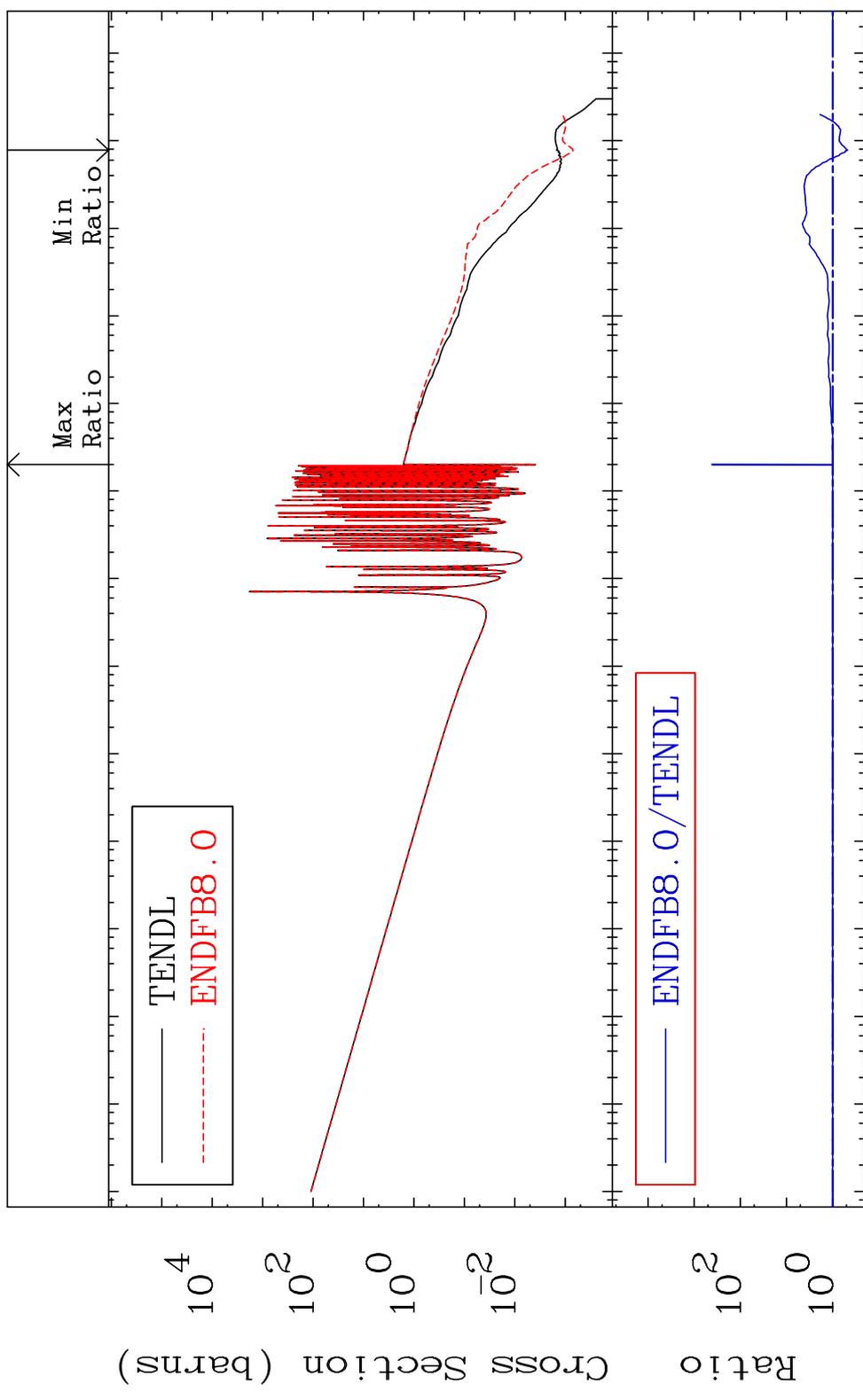


MAT 4240

(n, γ)

42-Mo-97

Cross Section -52.80 To 9999. %

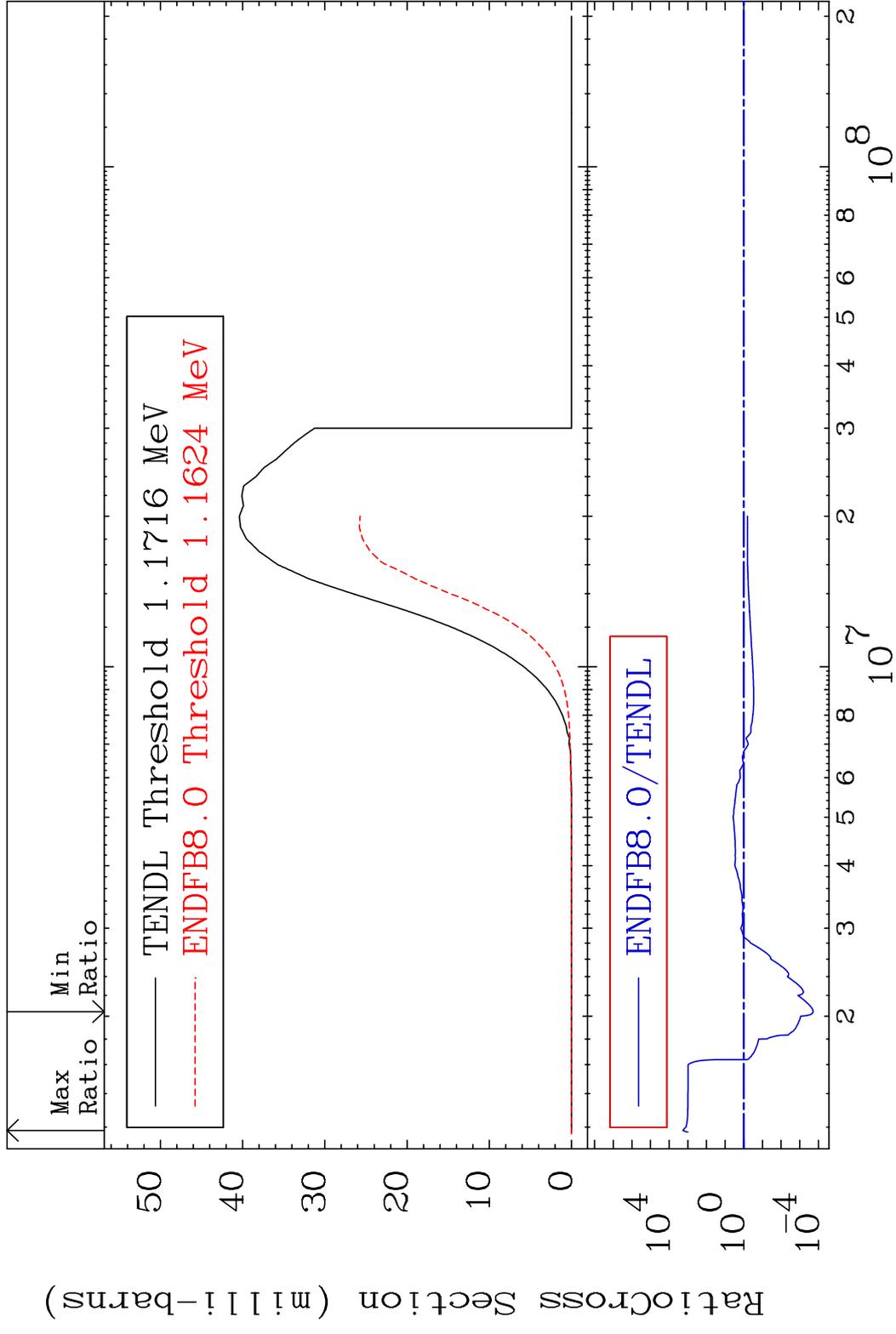


22

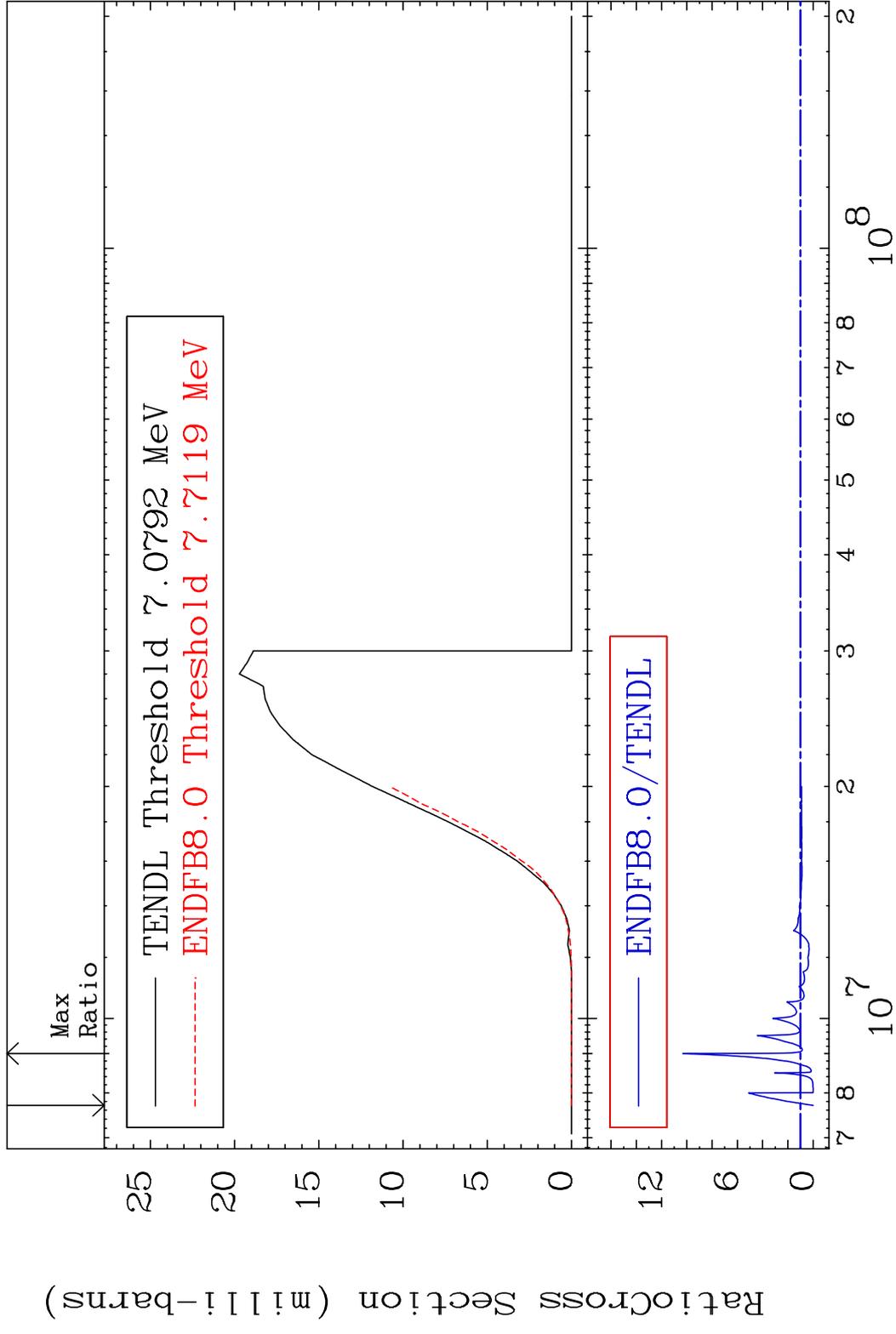
Incident Energy (eV)

42-Mo-97

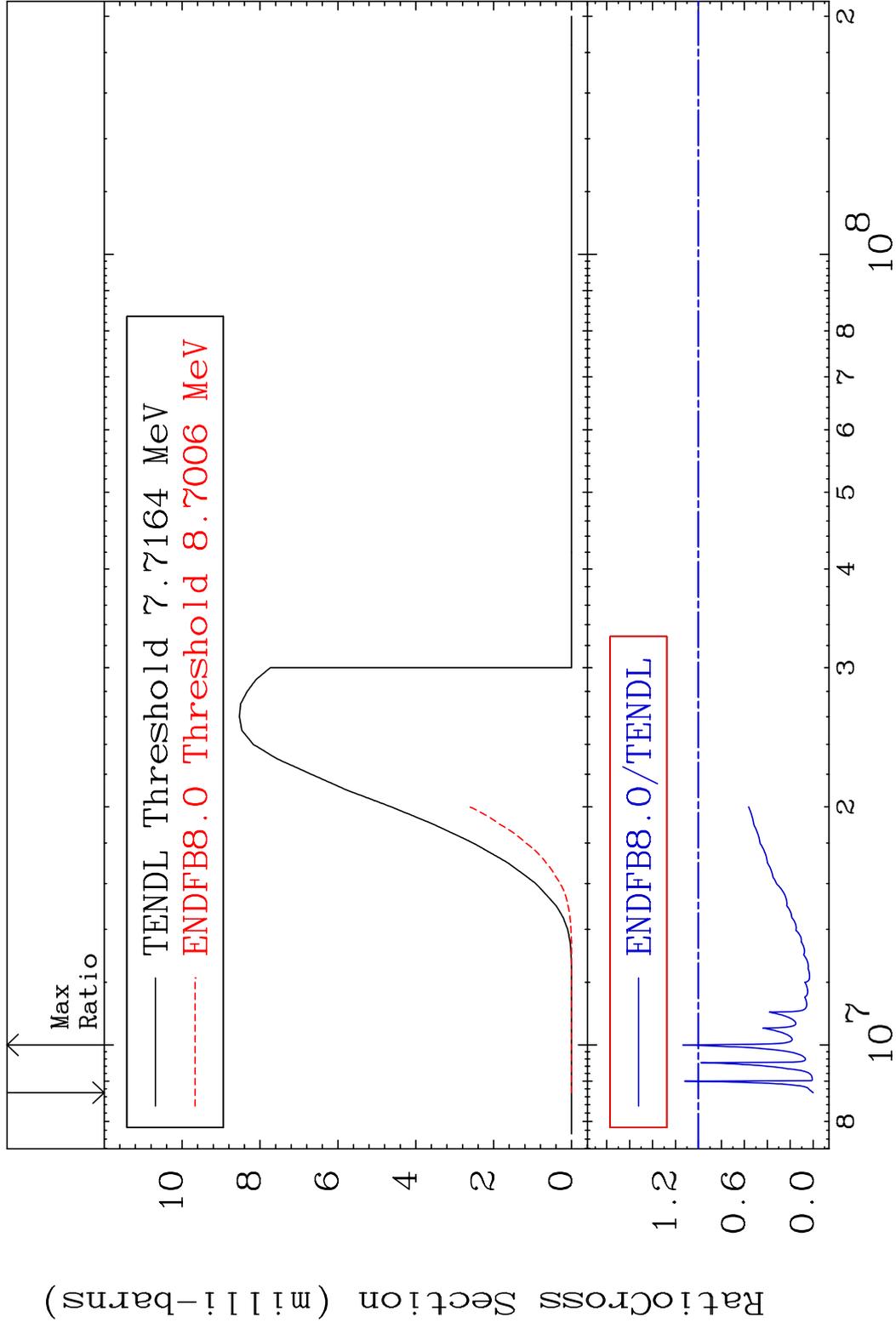
MAT 4240 (n,p) 42-Mo-97
 Cross Section -99.98 To 9999. %



MAT 4240 (n,d) 42-Mo-97
 Cross Section -100.0 To 931.7 %



MAT 4240 (n, t) 42-Mo-97
 Cross Section -100.0 To 13.63 %

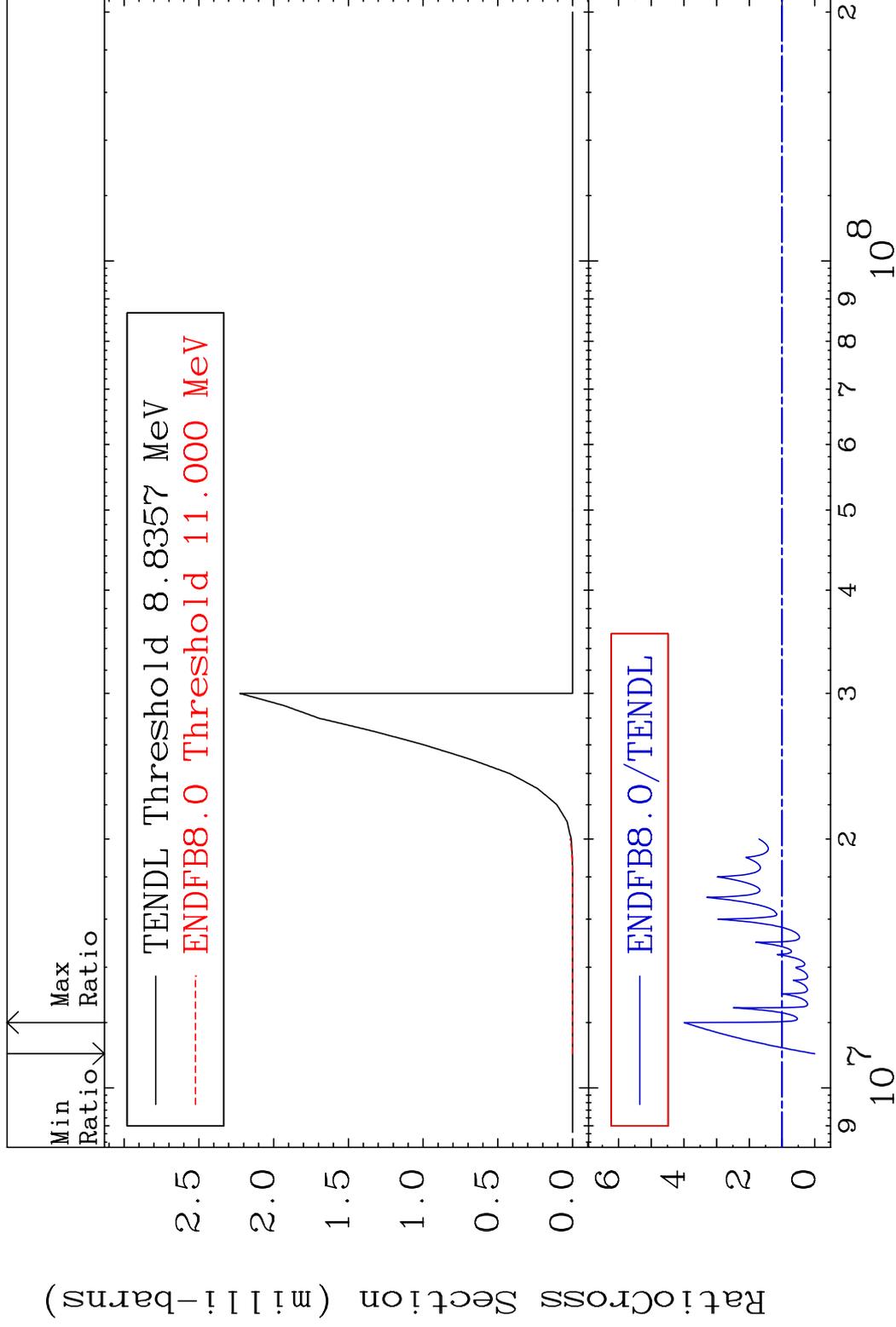


MAT 4240

(n, He-3)

42-Mo-97

Cross Section -100.0 To 299.4 %



26

Incident Energy (eV)

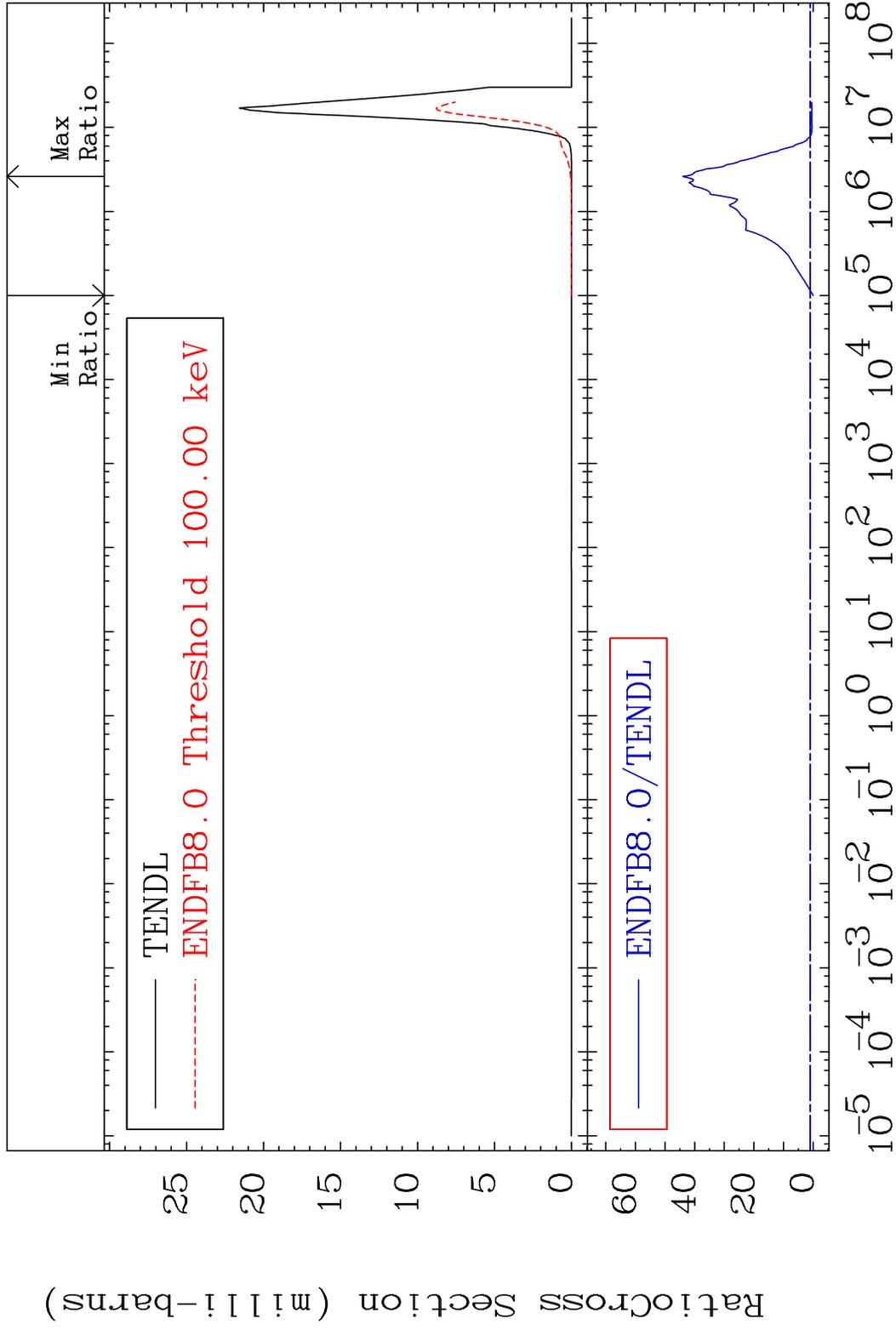
42-Mo-97

MAT 4240

(n, α)

42-Mo-97

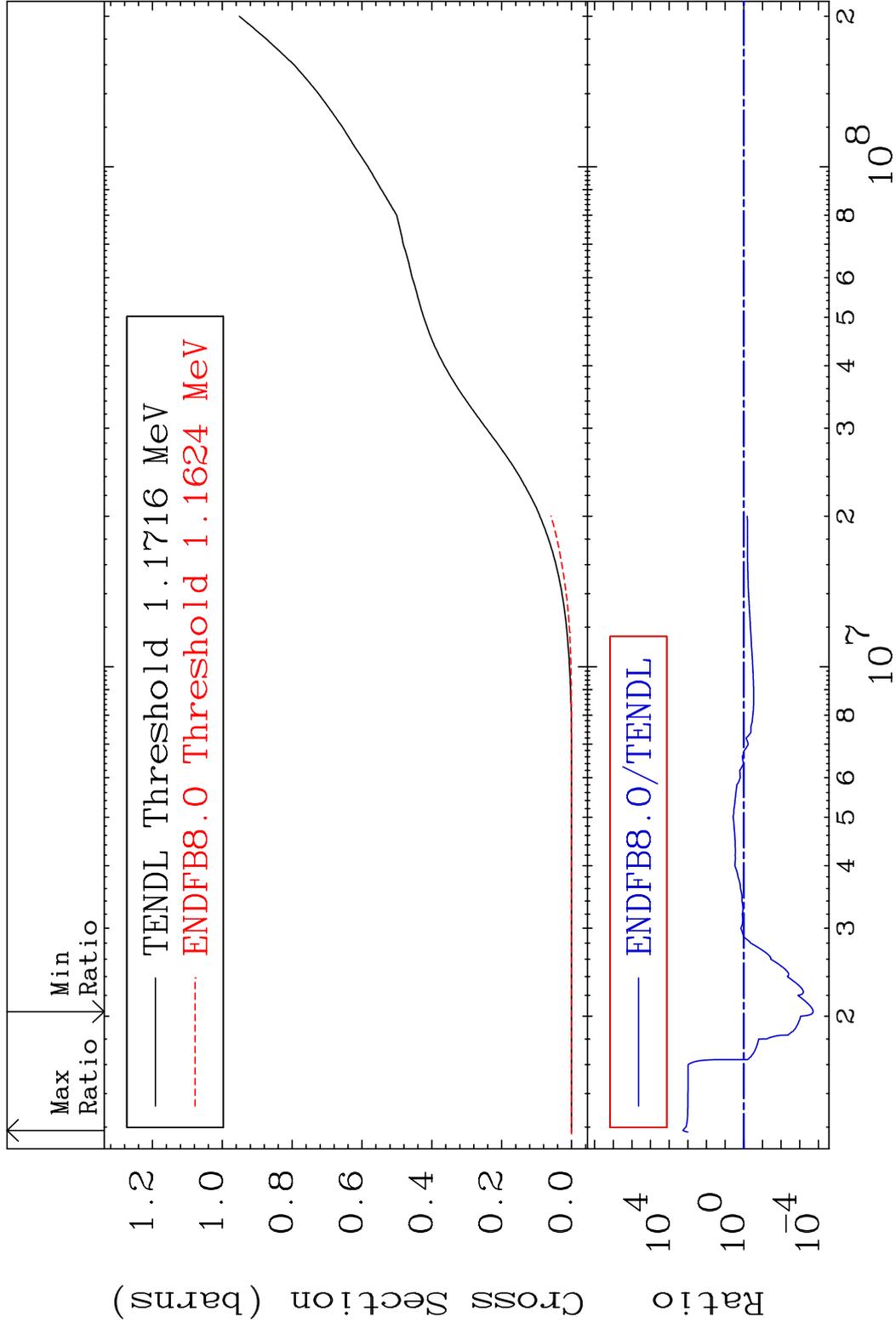
Cross Section -100.0 To 4300. %



27

Incident Energy (eV)

42-Mo-97

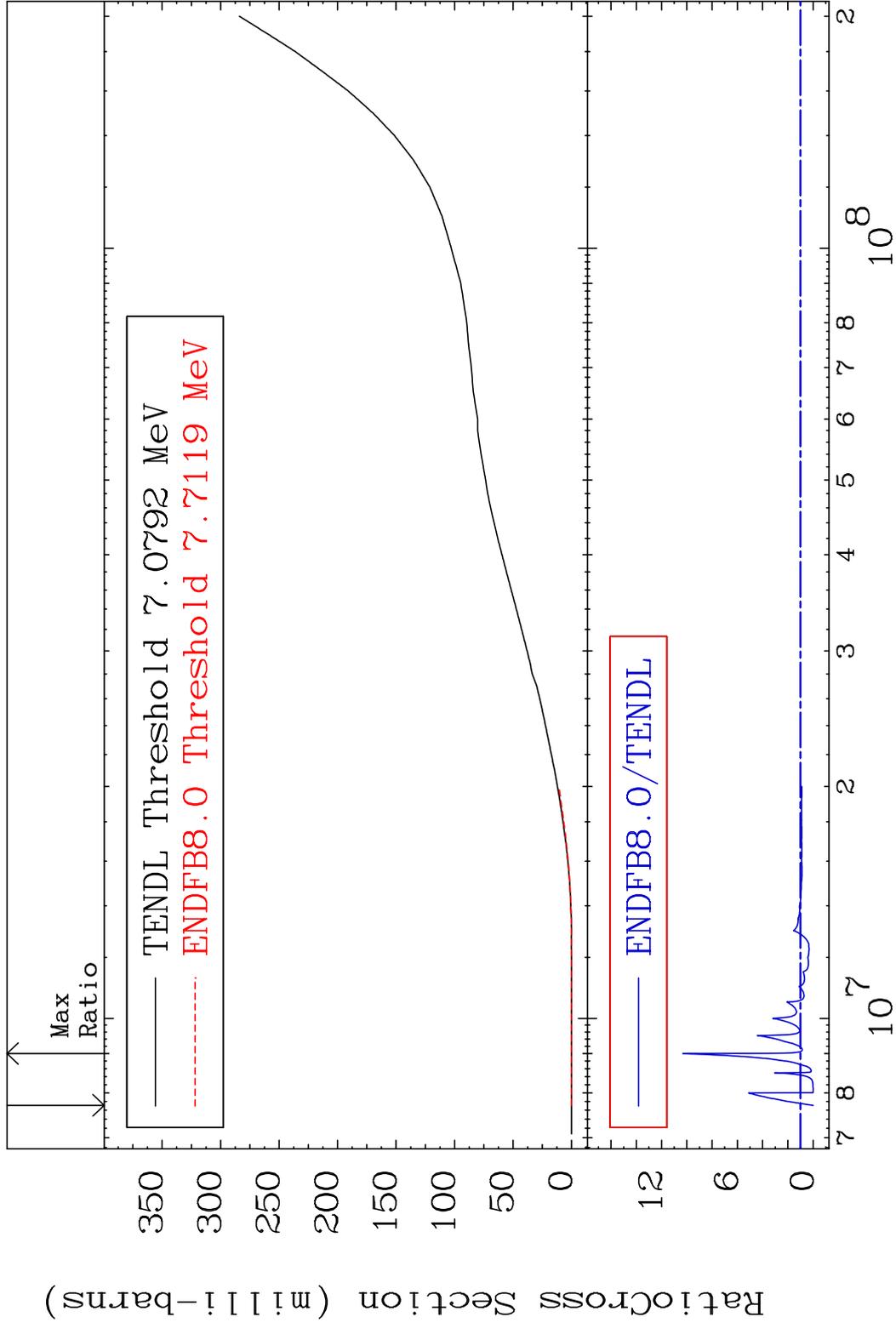


MAT 4240

Deuterium Production

42-Mo-97

Cross Section -100.0 To 931.7 %



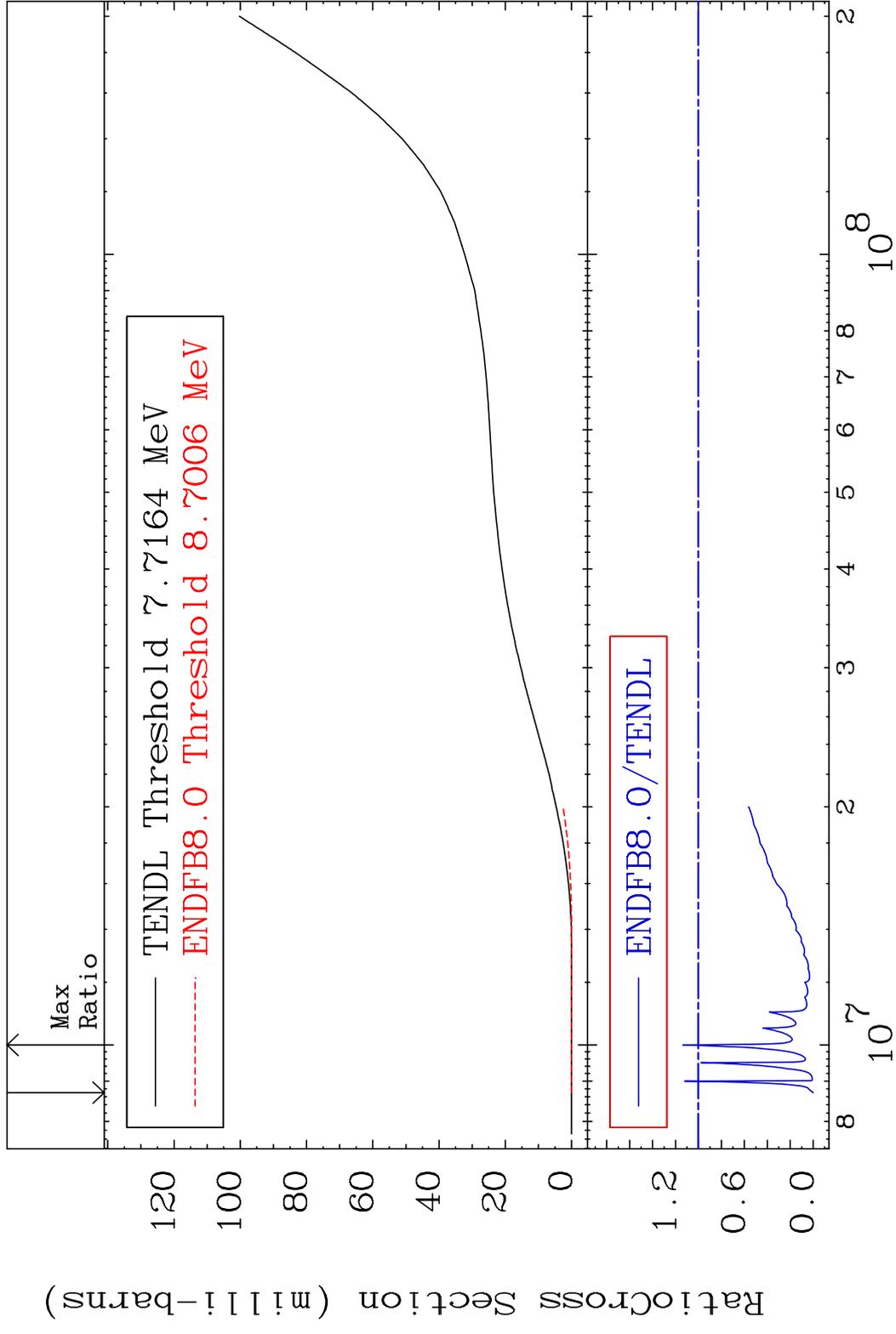
29

Incident Energy (eV)

42-Mo-97

MAT 4240

Tritium Production 42-Mo-97
Cross Section -100.0 To 13.63 %



30

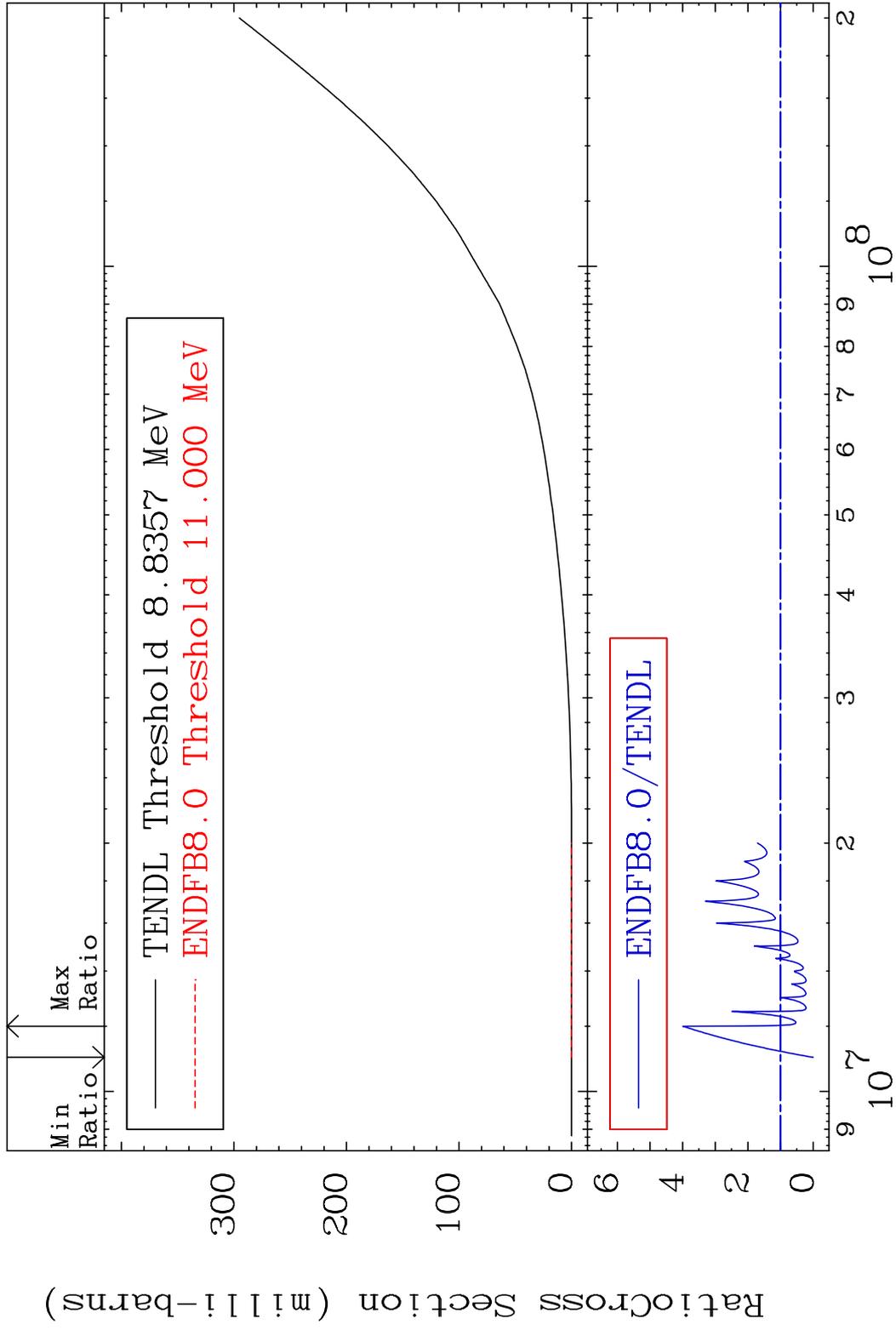
Incident Energy (eV) 42-Mo-97

MAT 4240

He-3 Production

42-Mo-97

Cross Section -100.0 To 299.4 %



31

Incident Energy (eV)

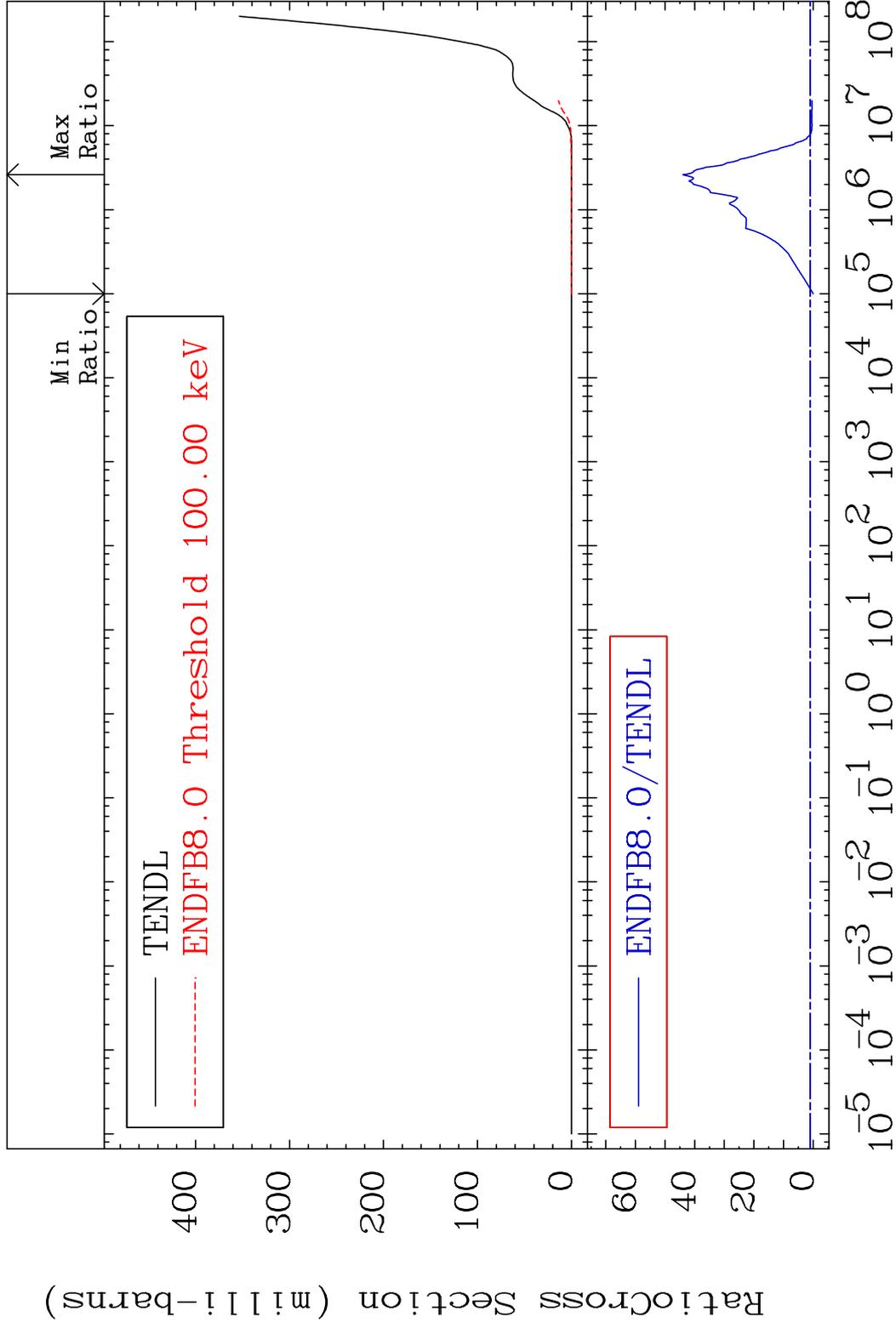
42-Mo-97

MAT 4240

He-4 Production

42-Mo-97

Cross Section -100.0 To 4300. %

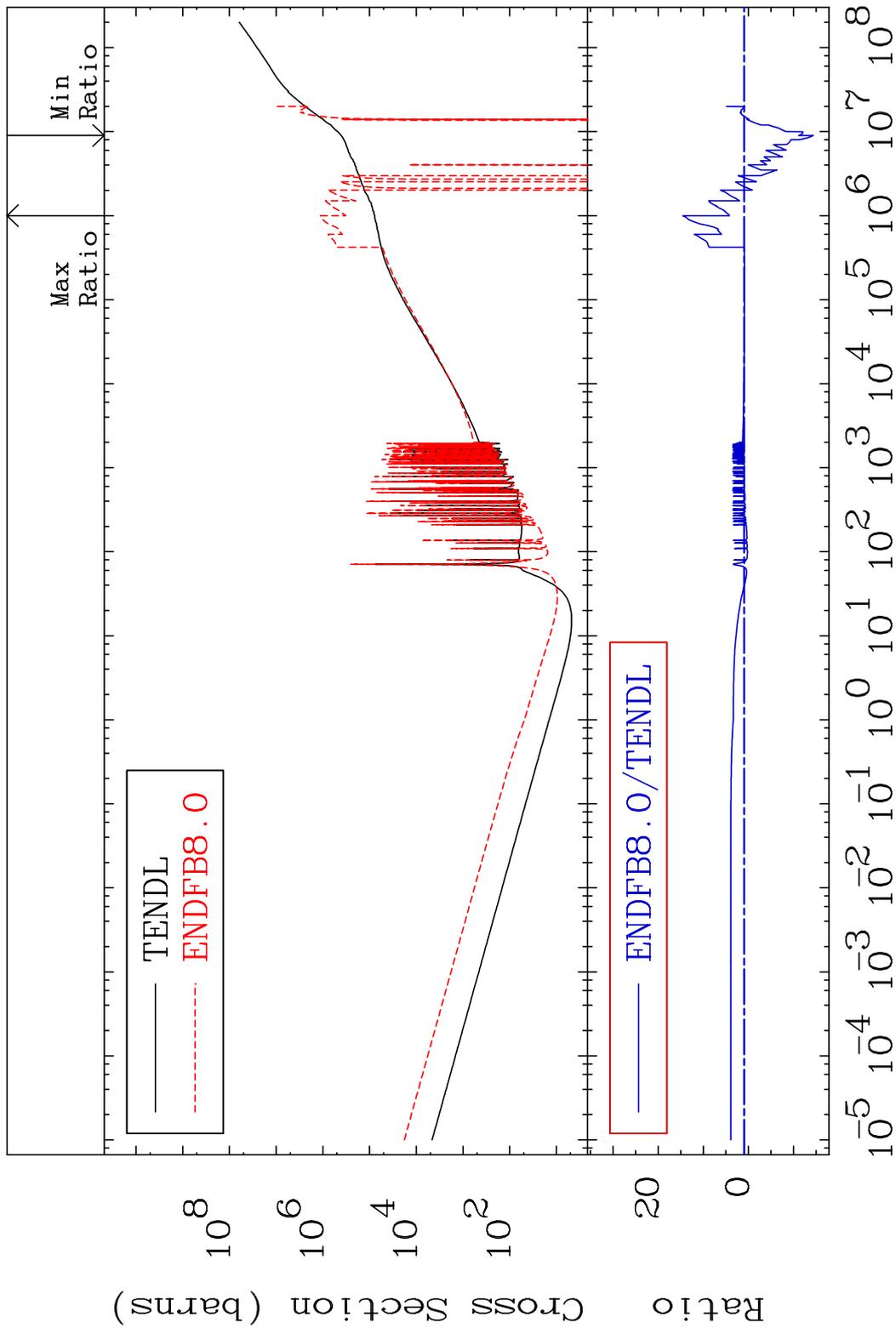


32

Incident Energy (eV)

42-Mo-97

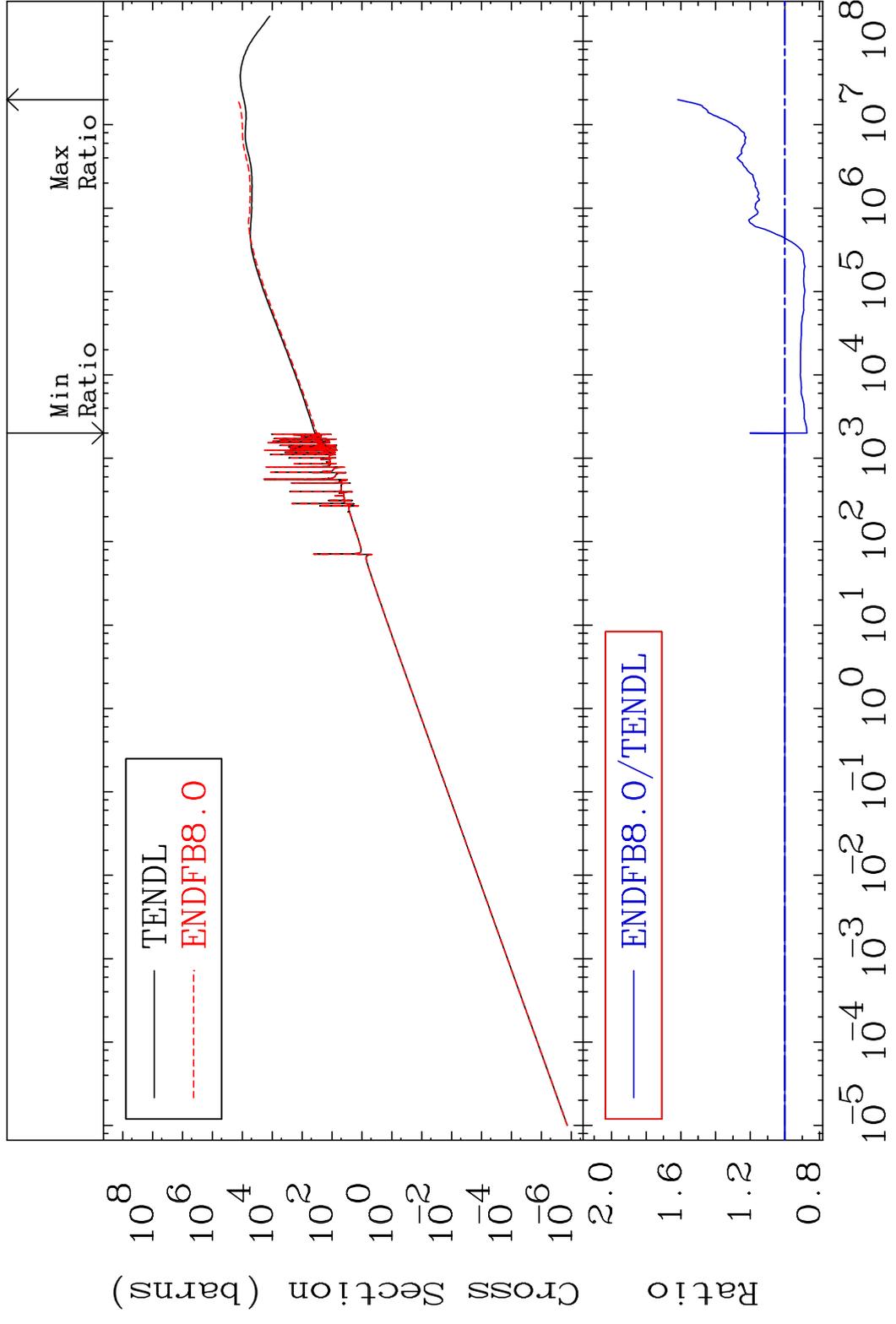
MAT 4240 Kerma total (eV-barns) 42-Mo-97
 Cross Section -1534. To 1354. %



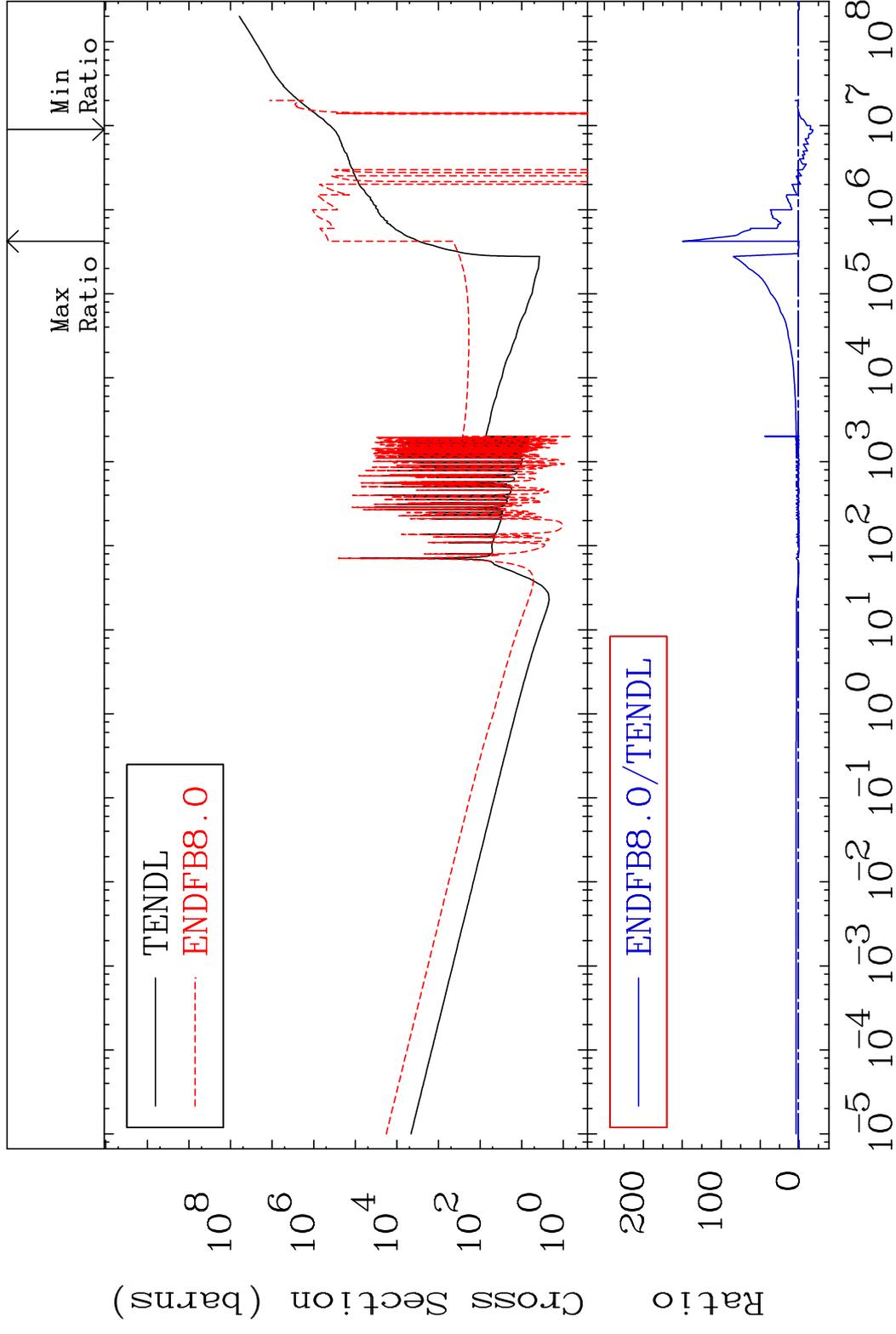
MAT 4240

Kerma elastic
Cross Section

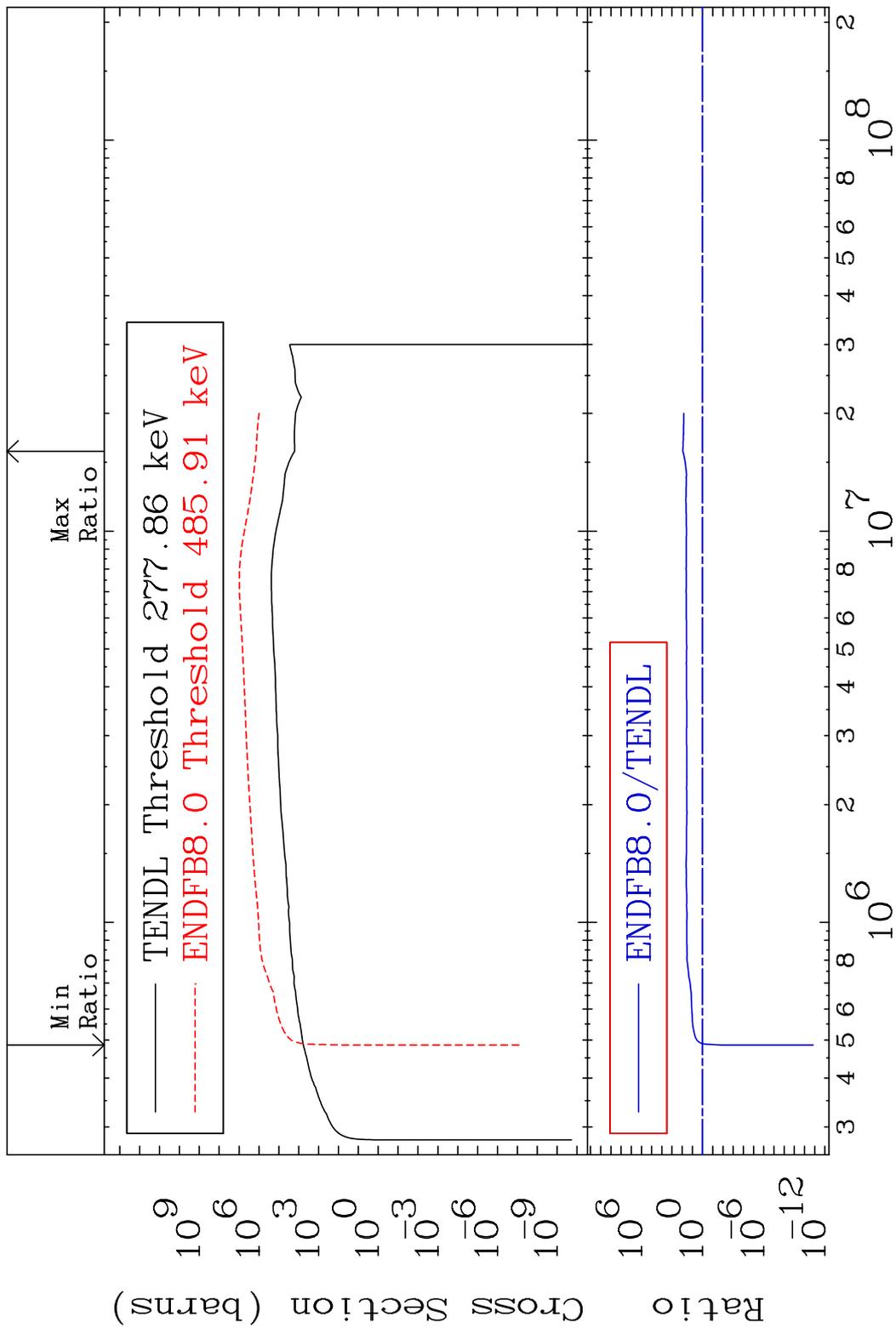
42-Mo-97
-12.75 To 61.84 %



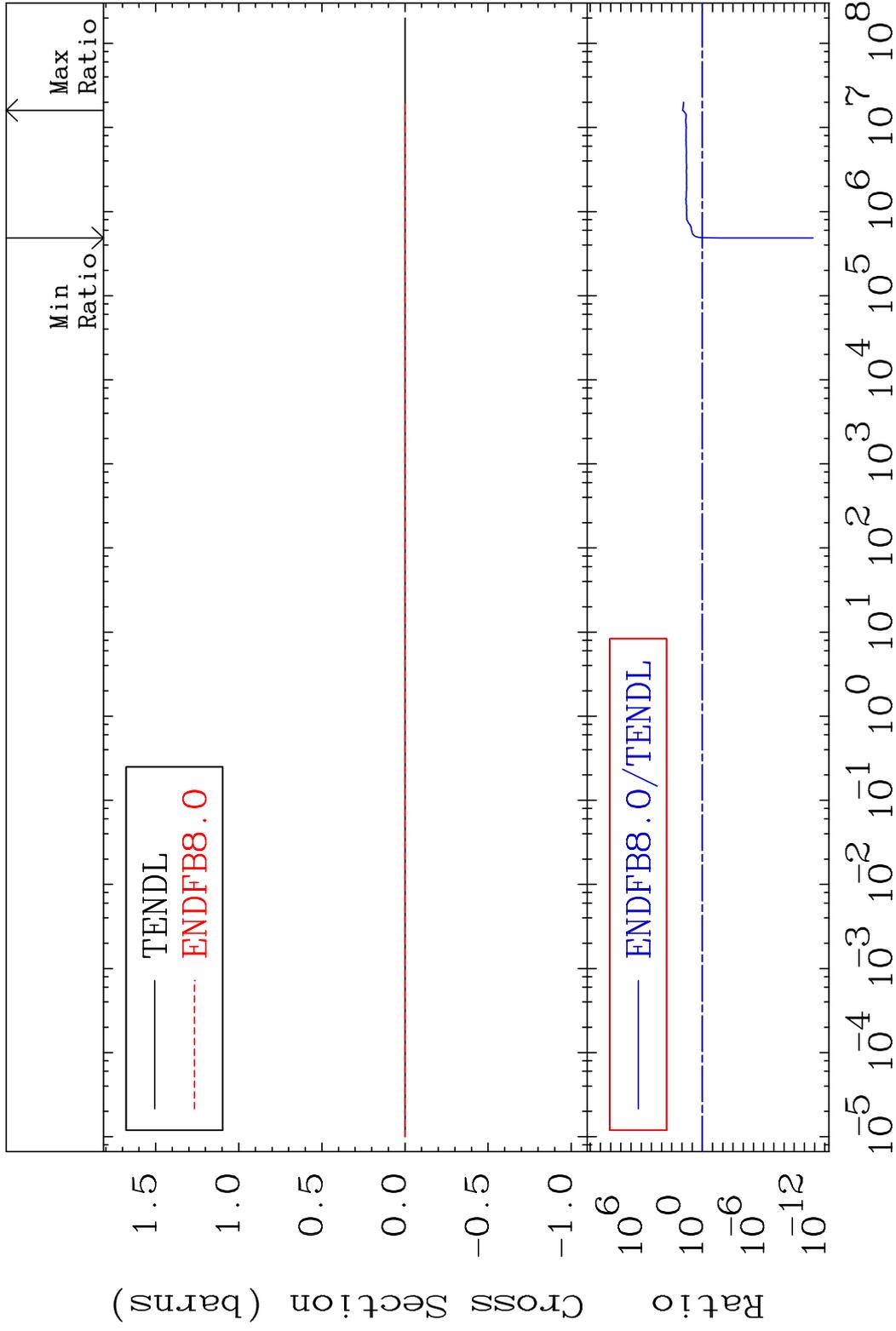
MAT 4240 Kerma non-elastic (all but mt2) 42-Mo-97
 Cross Section -1908. To 9999. %



MAT 4240 Kerma inelastic (mt51-91) 42-Mo-97
 Cross Section -100.0 To 8599. %

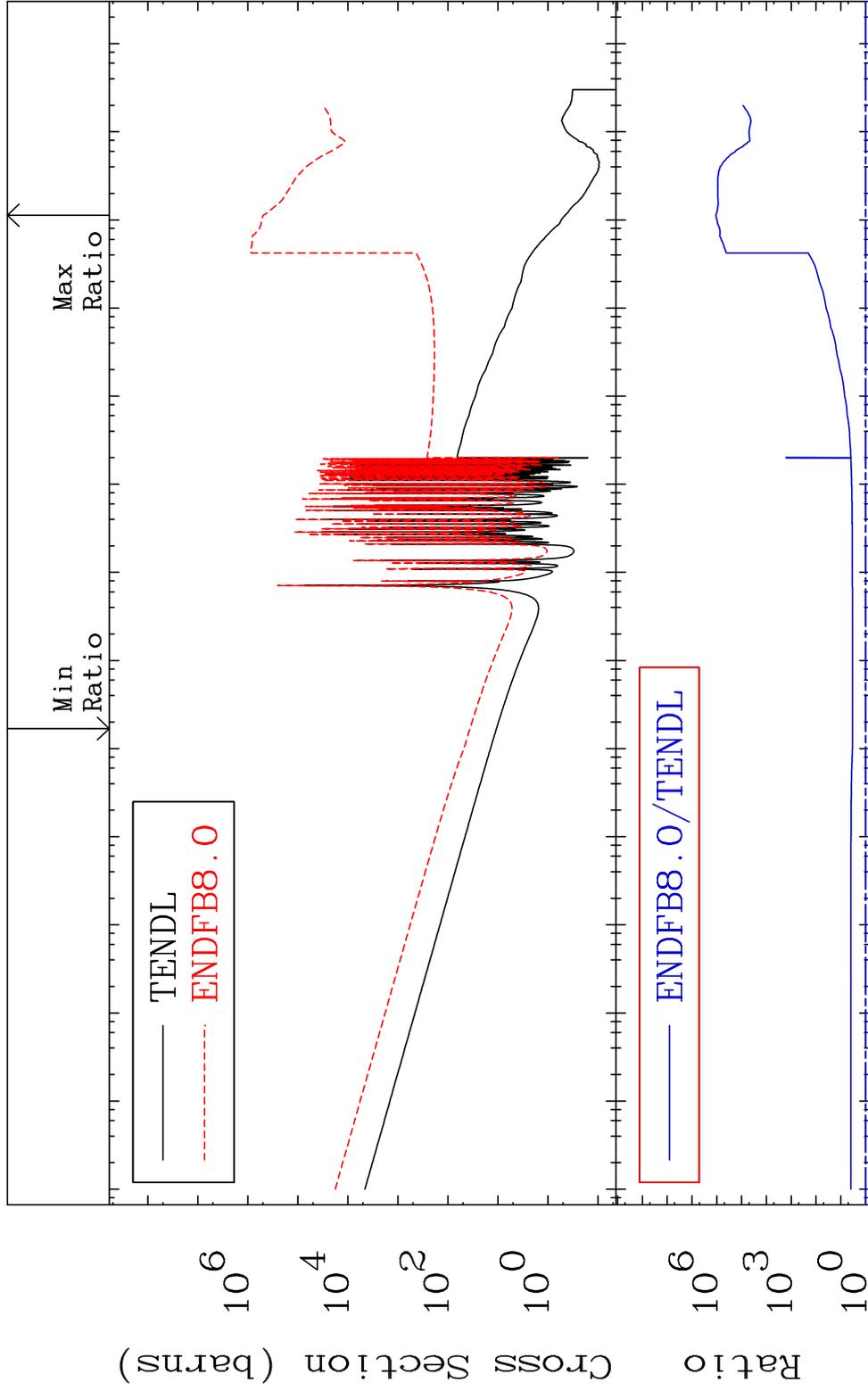


MAT 4240 Kerma fission (mt18 or mt19-20-21-38) 42-Mo-97
 Cross Section -100.0 To 8599. %

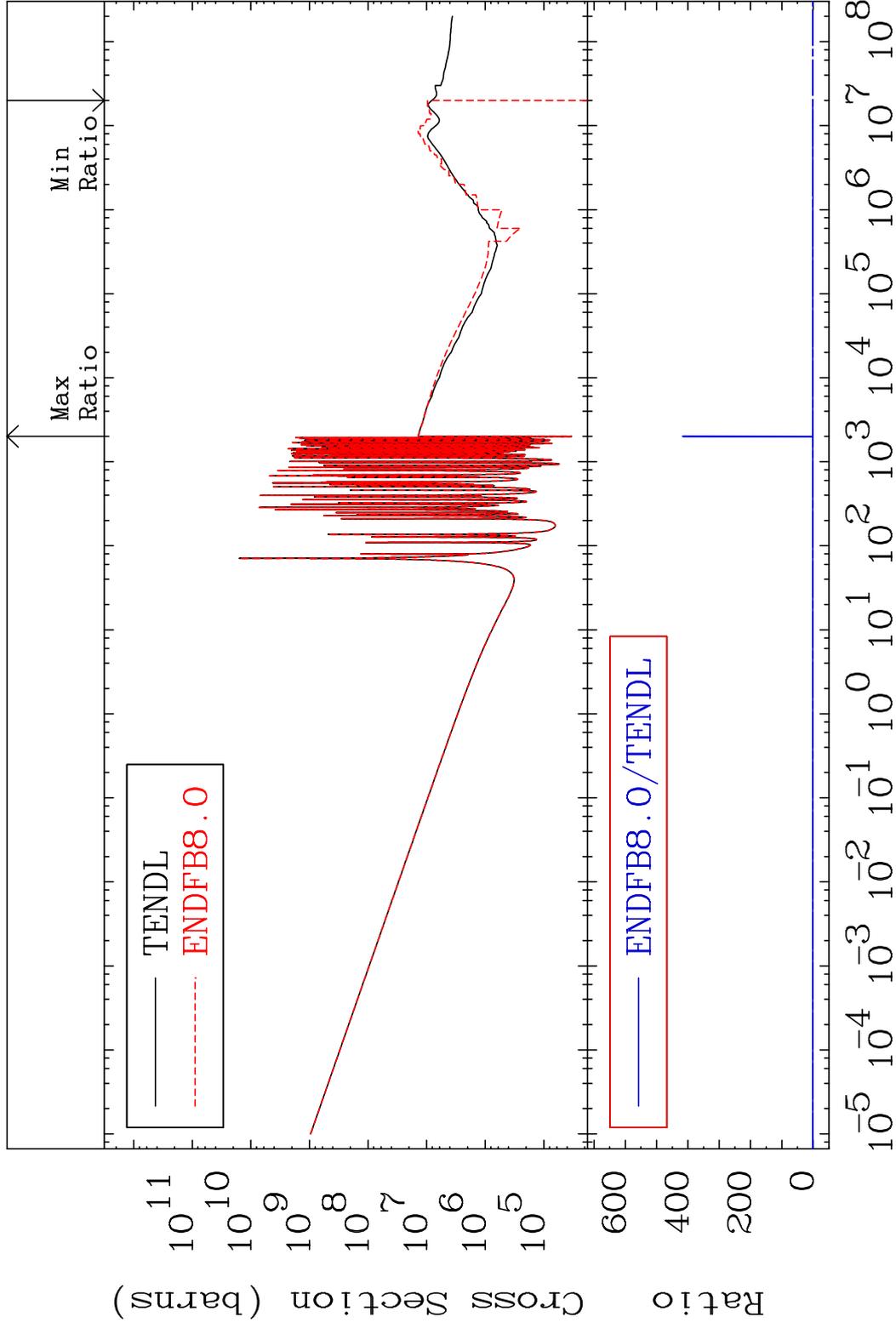


MAT 4240

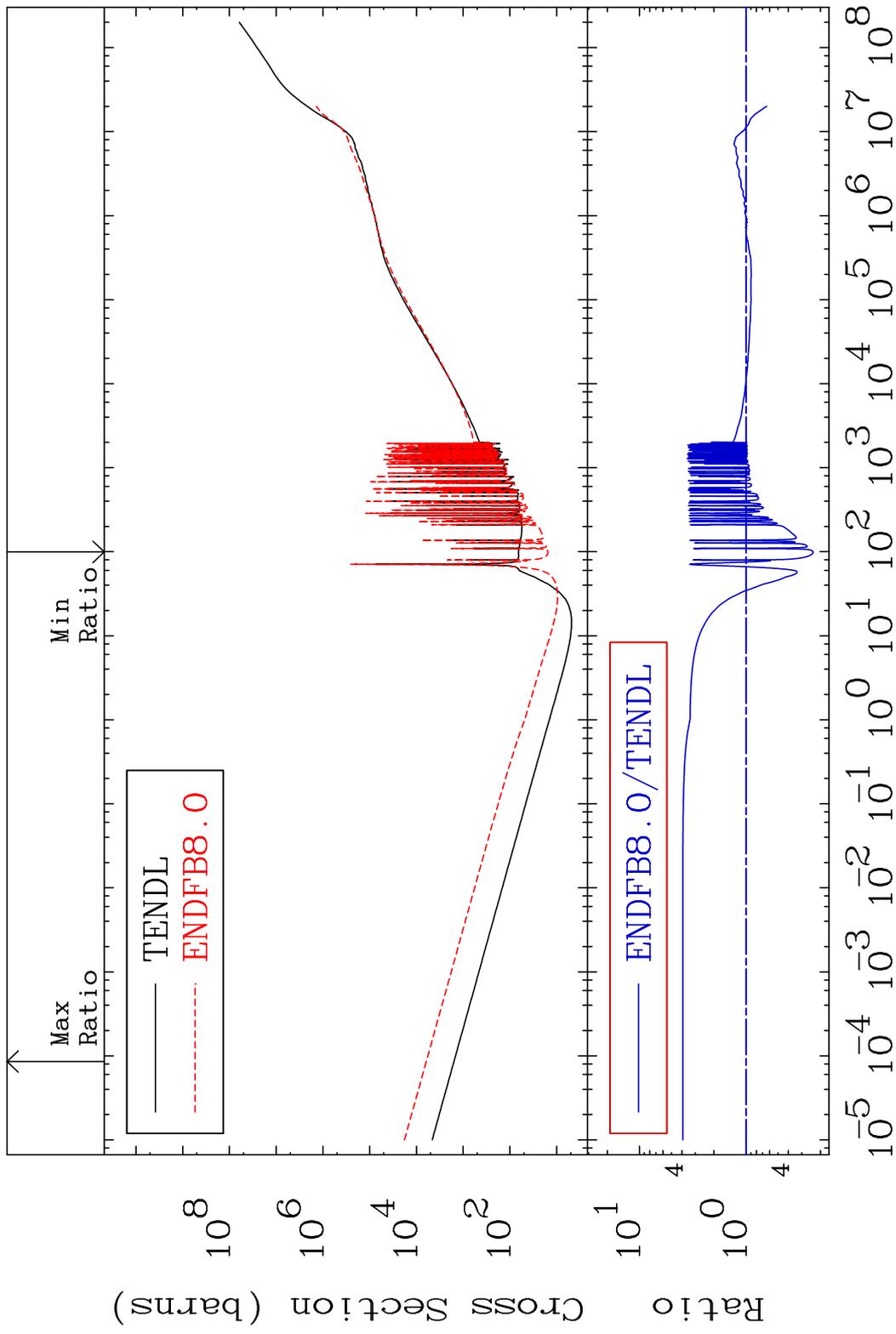
Kerma capture (mt102) 42-Mo-97
Cross Section 238.8 To 9999. %



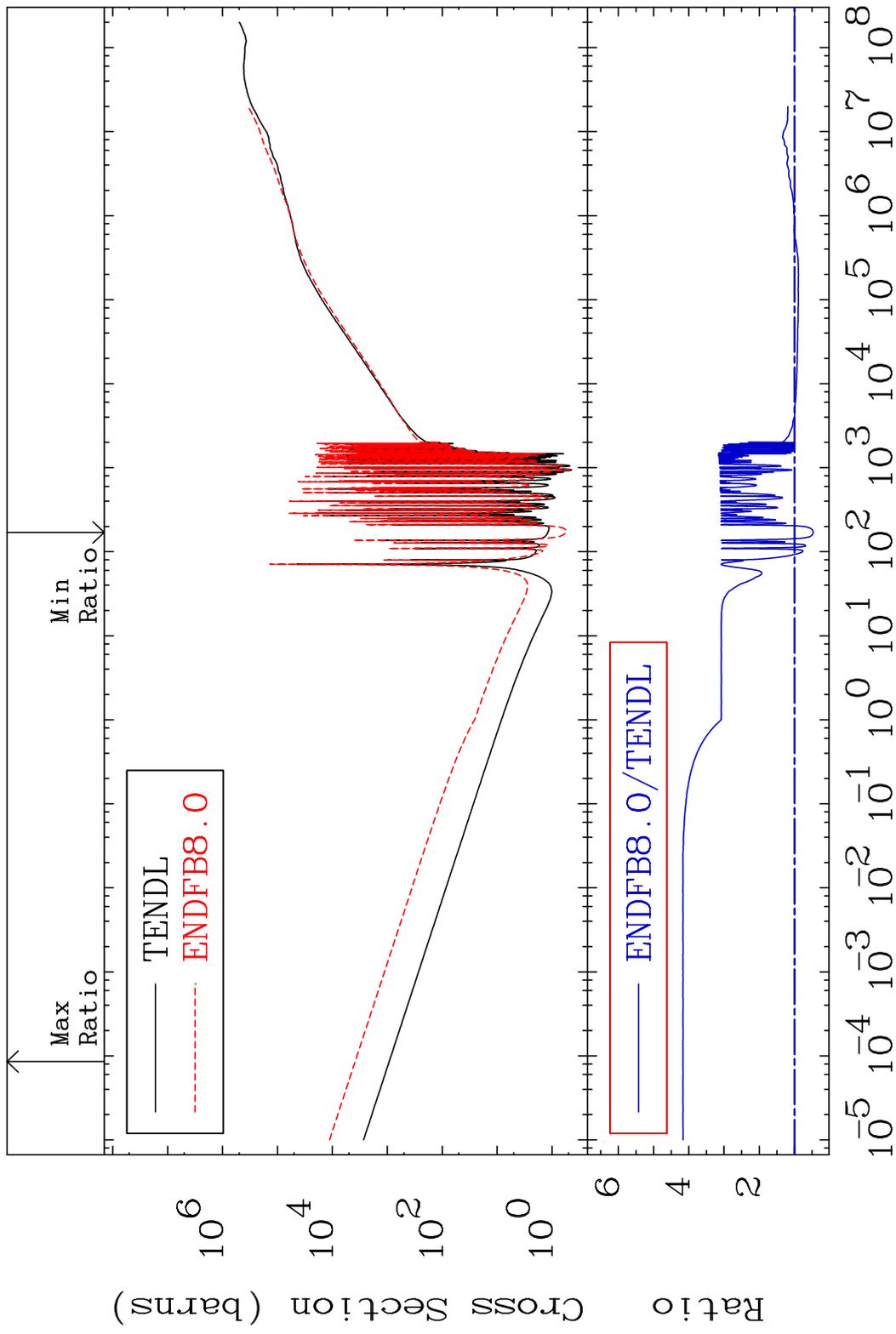
MAT 4240 Total photon (eV-barns) 42-Mo-97
 Cross Section -100.0 To 9999. %



MAT 4240 Total kinematic kerma (high limit) 42-Mo-97
Cross Section -76.59 To 291.6 %



MAT 4240 Dpa total (eV-barns) 42-Mo-97
 Cross Section -53.13 To 316.9 %



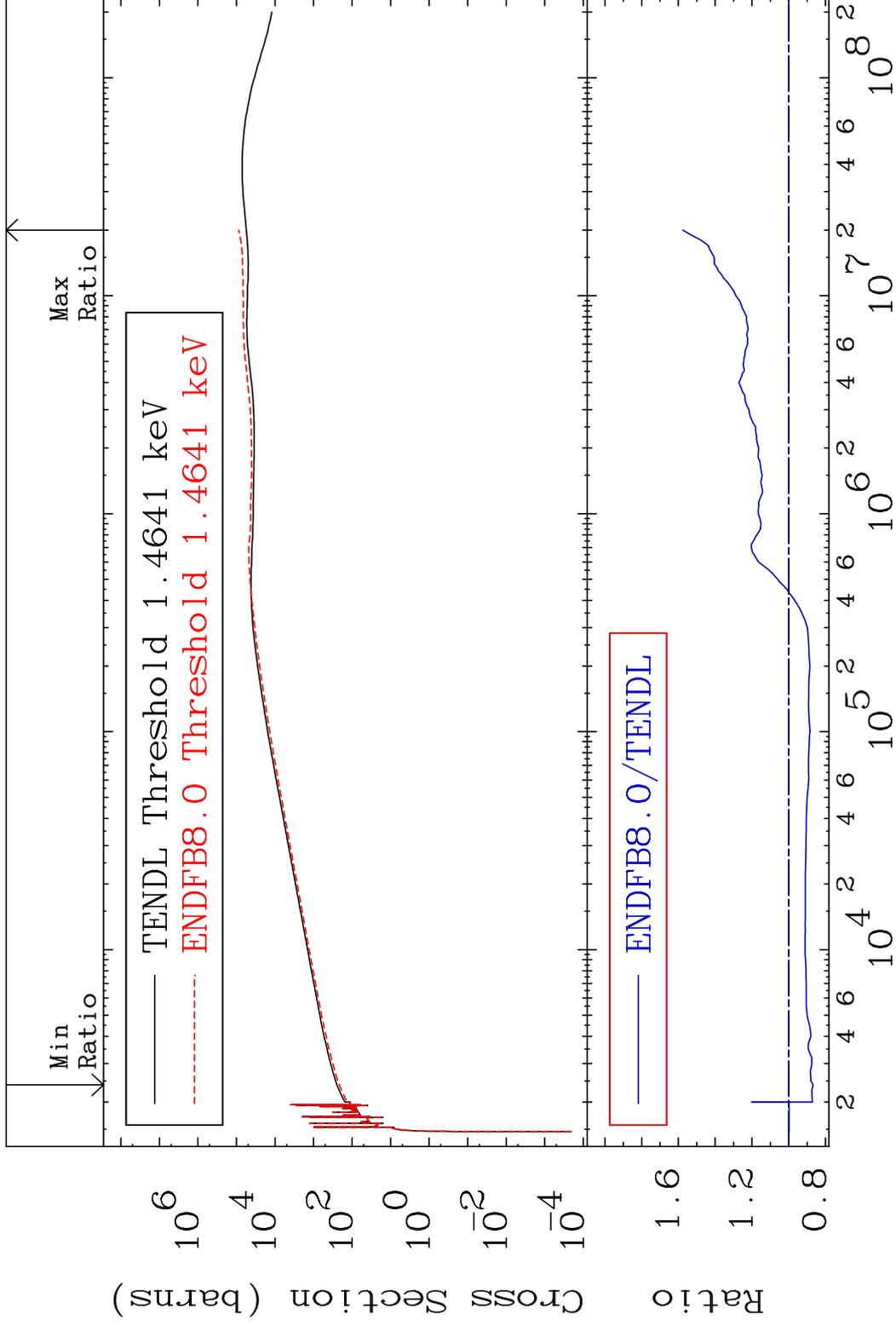
41 Incident Energy (eV) 42-Mo-97

MAT 4240

Dpa elastic (mt2)

42-Mo-97

Cross Section -13.25 To 57.72 %

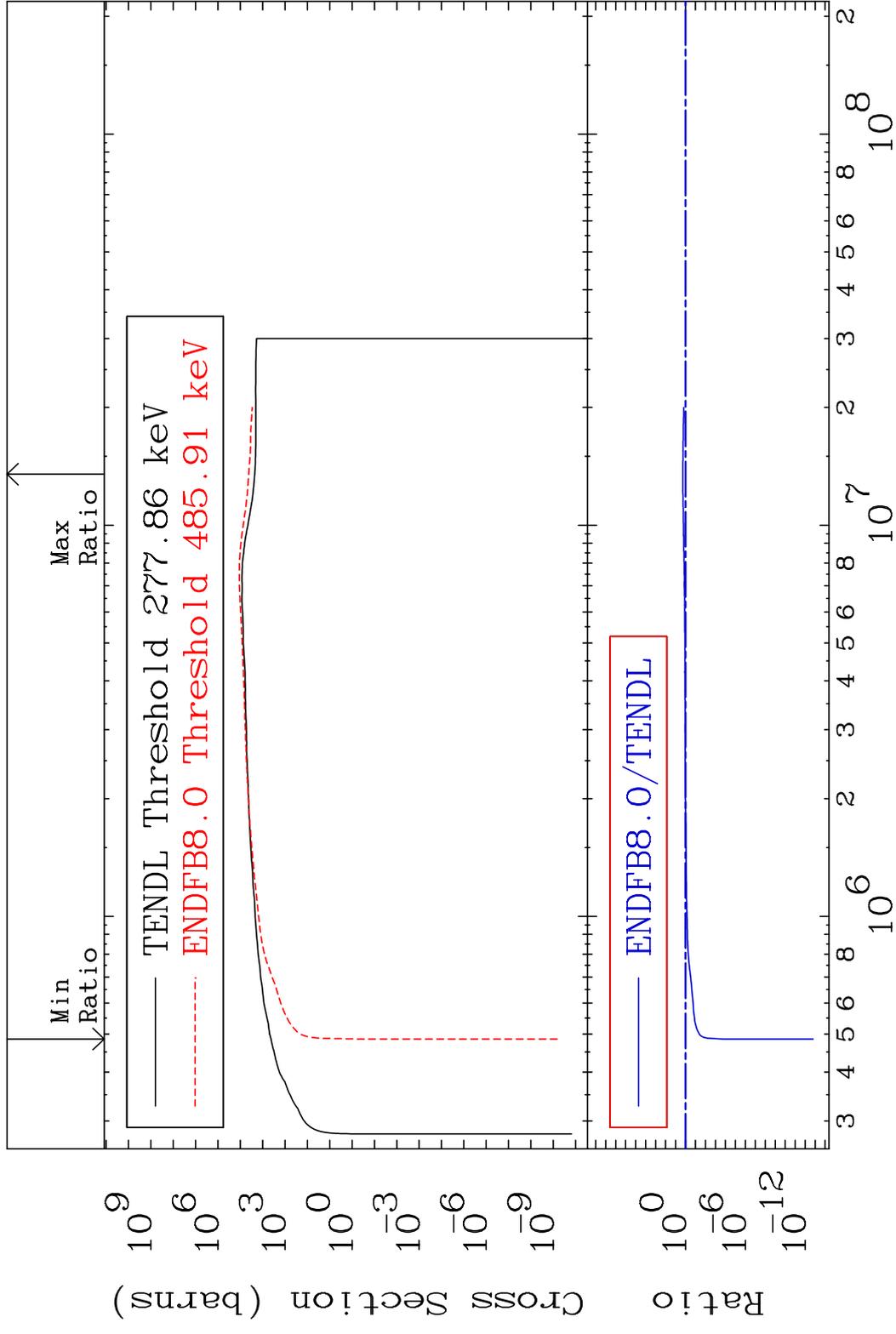


42

Incident Energy (eV)

42-Mo-97

MAT 4240 Dpa inelastic (mt51-91) 42-Mo-97
 Cross Section -100.0 To 85.55 %



43 Incident Energy (eV) 42-Mo-97

MAT 4240 Dpa disappearance (mt102 -120) 42-Mo-97
 Cross Section -53.13 To 9999. %

