

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

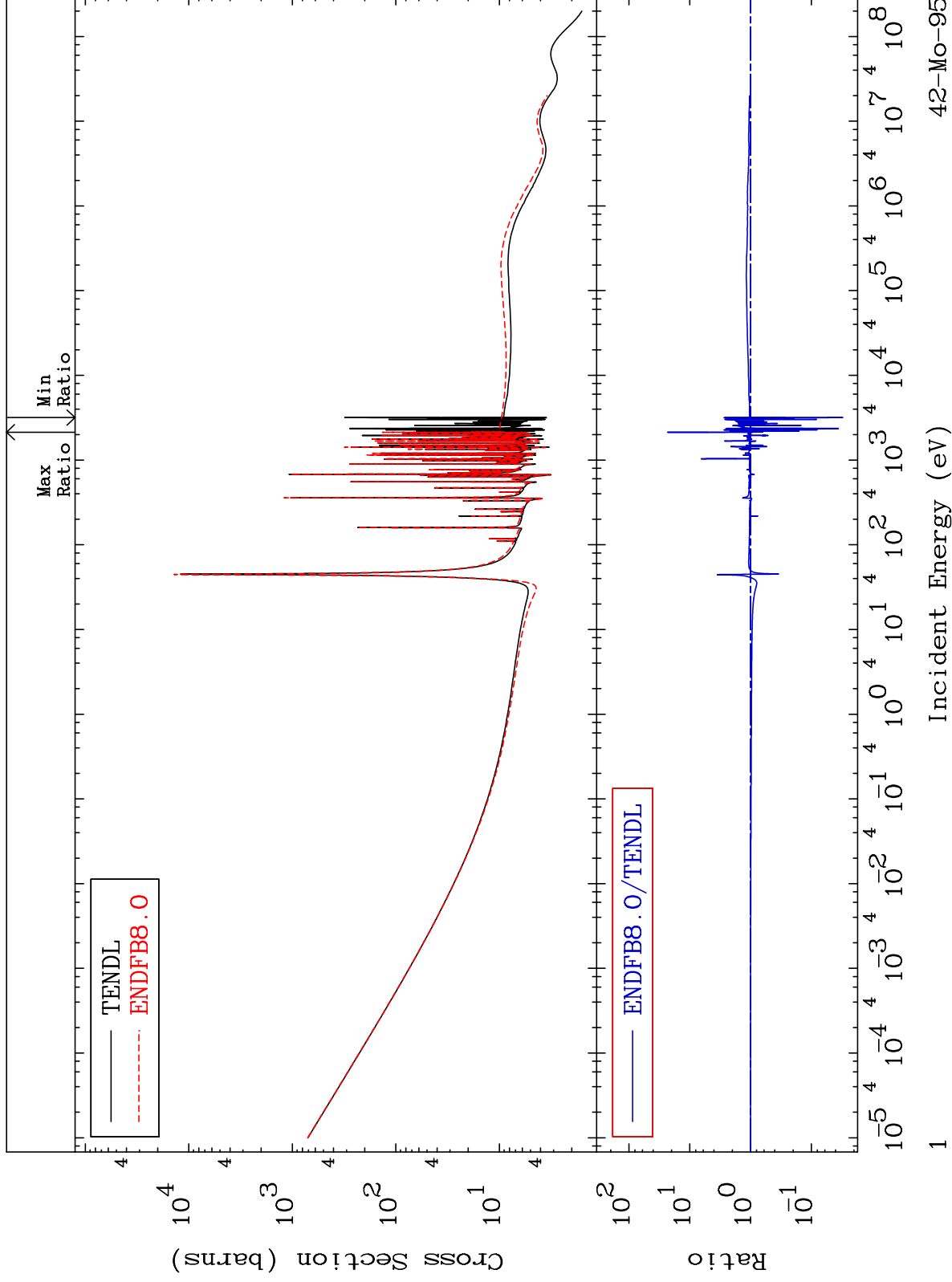
MAT 4234

Total

42-Mo-95

Cross Section

-96.94 To 2226. %



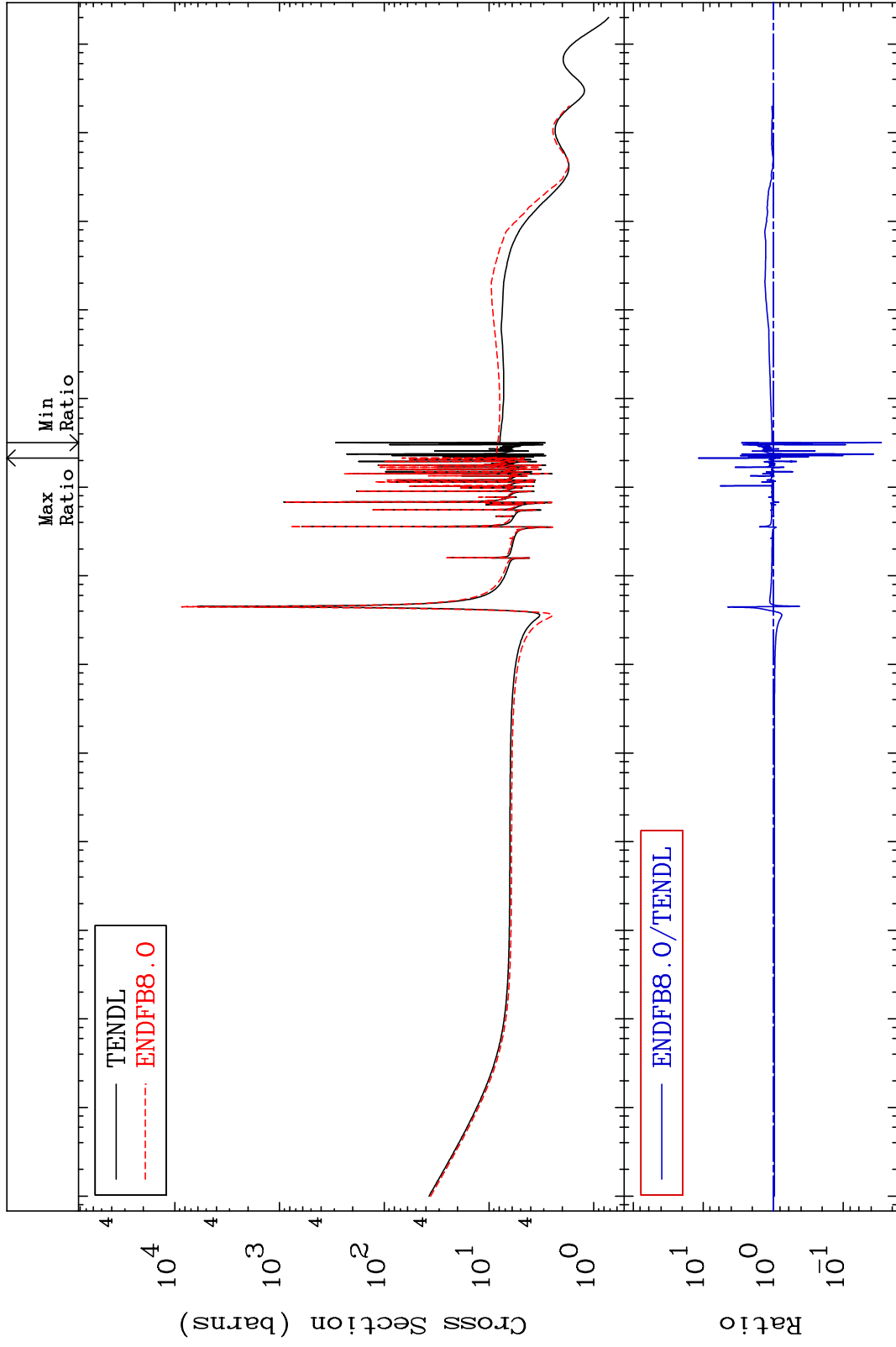
MAT 4234

Elastic

Cross Section

42-Mo-95

-97.16 To 1075. %

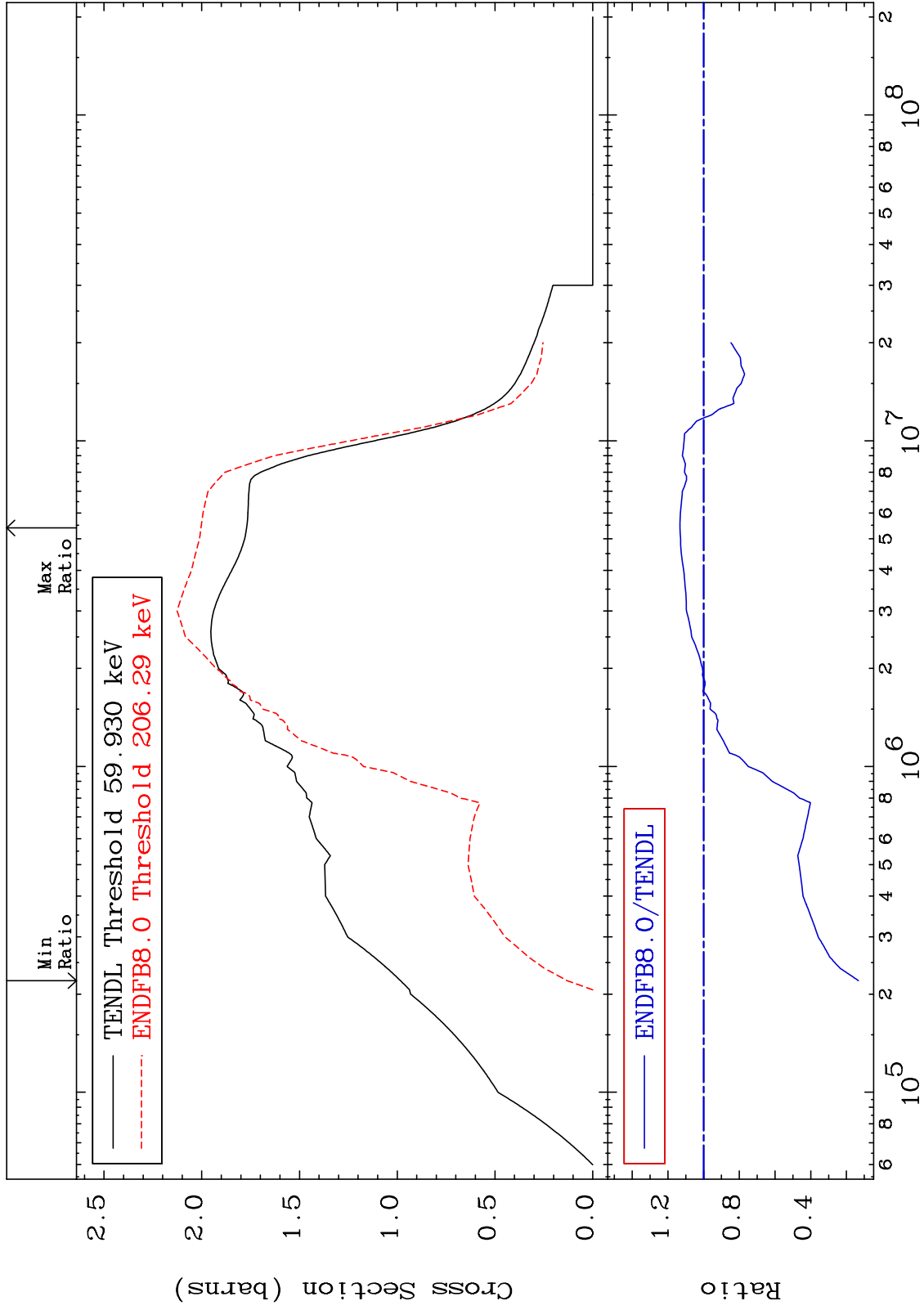


MAT 4234

42-Mo-95

Inelastic
Cross Section

-86.69 To 13.22 %



3

Incident Energy (eV)

42-Mo-95

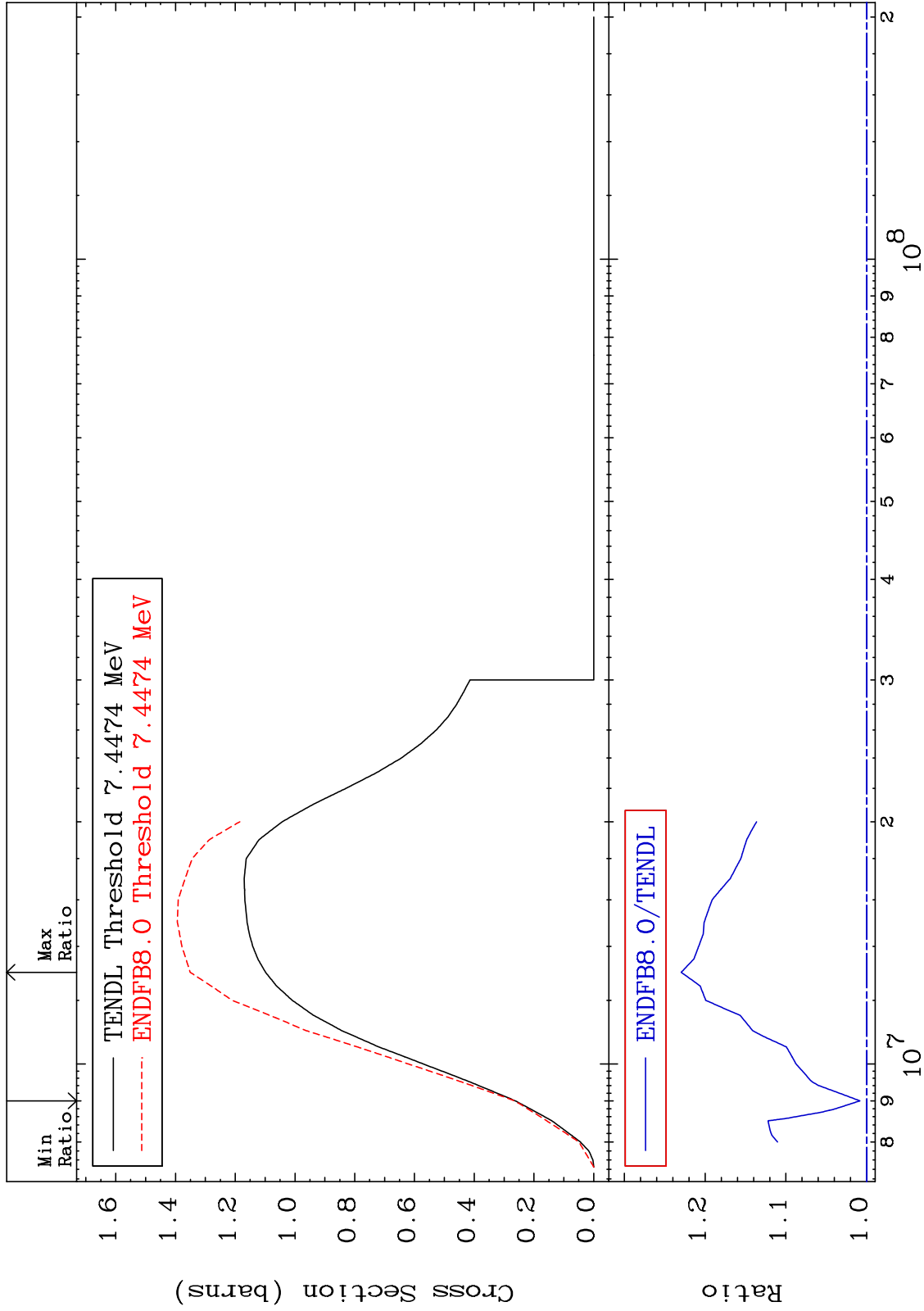
MAT 4234

(n,2n)

42-Mo-95

Cross Section

0.839 To 22.96 %



42-Mo-95

Incident Energy (eV)

4

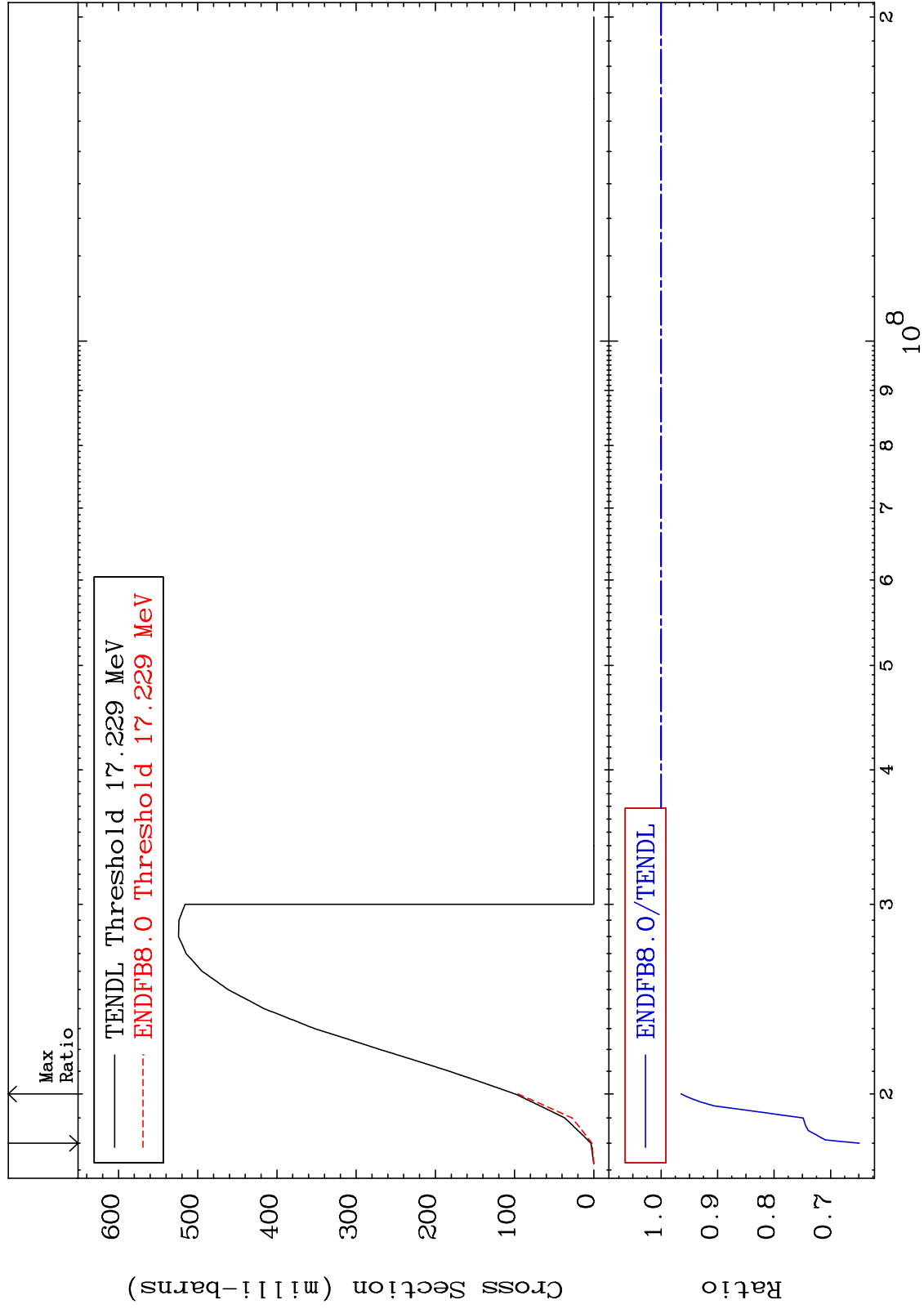
MAT 4234

(n, 3n)

42-Mo-95

Cross Section

-35.08 To -3.525%



5

Incident Energy (eV)

42-Mo-95

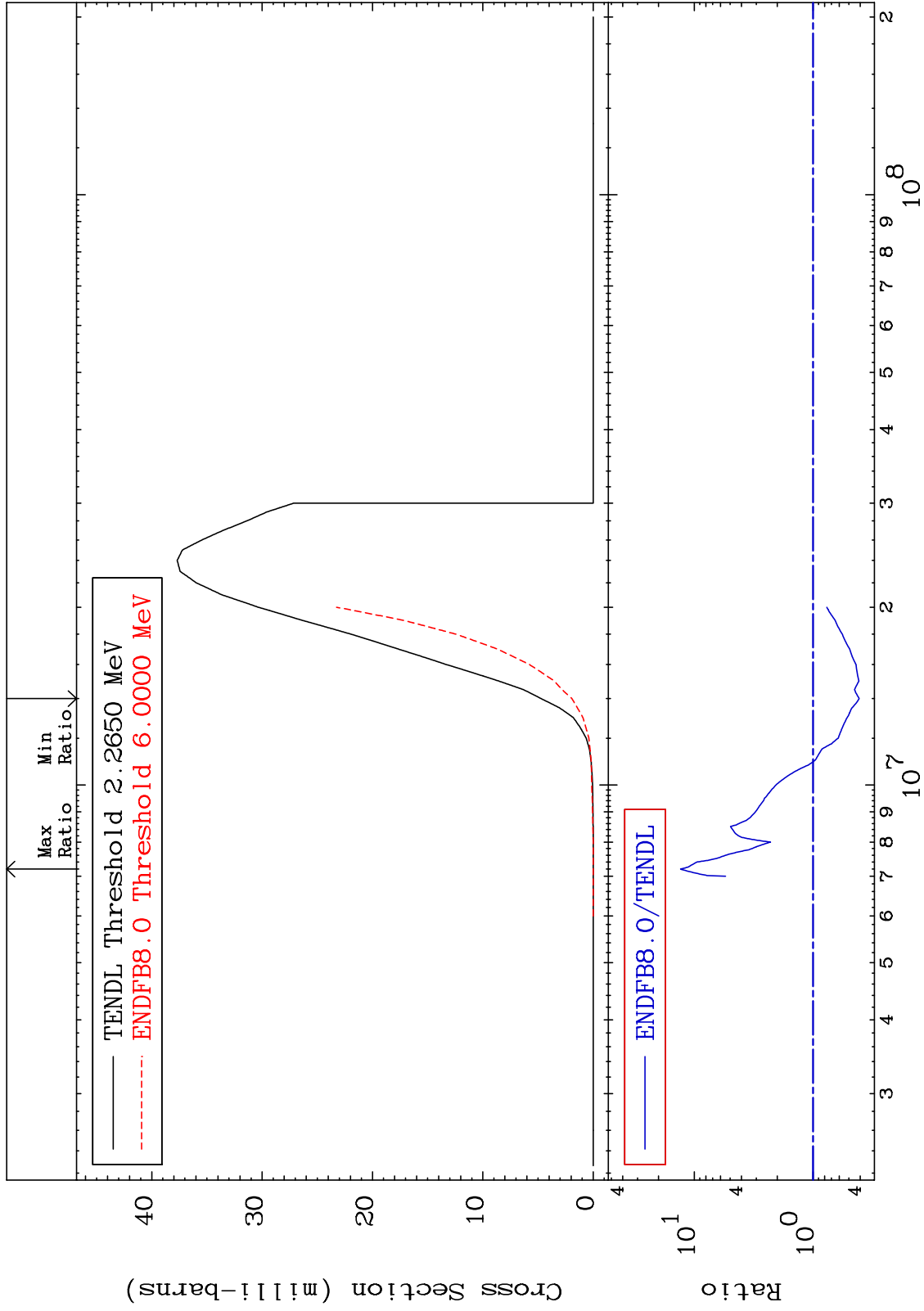
MAT 4234

(n, n') α

42-Mo-95

Cross Section

-59.13 To 1203. %



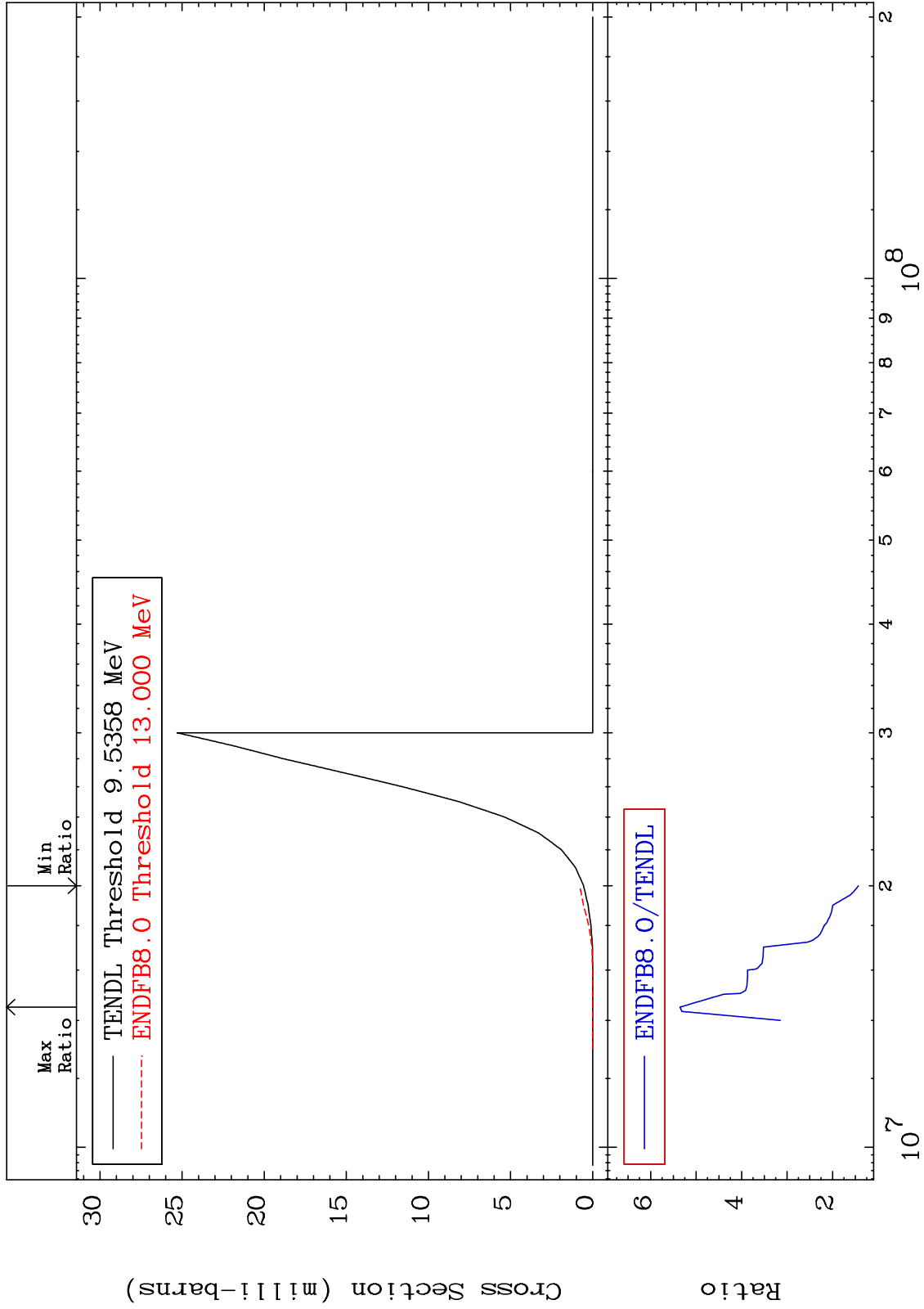
MAT 4234

(n,2n) α

42-Mo-95

Cross Section

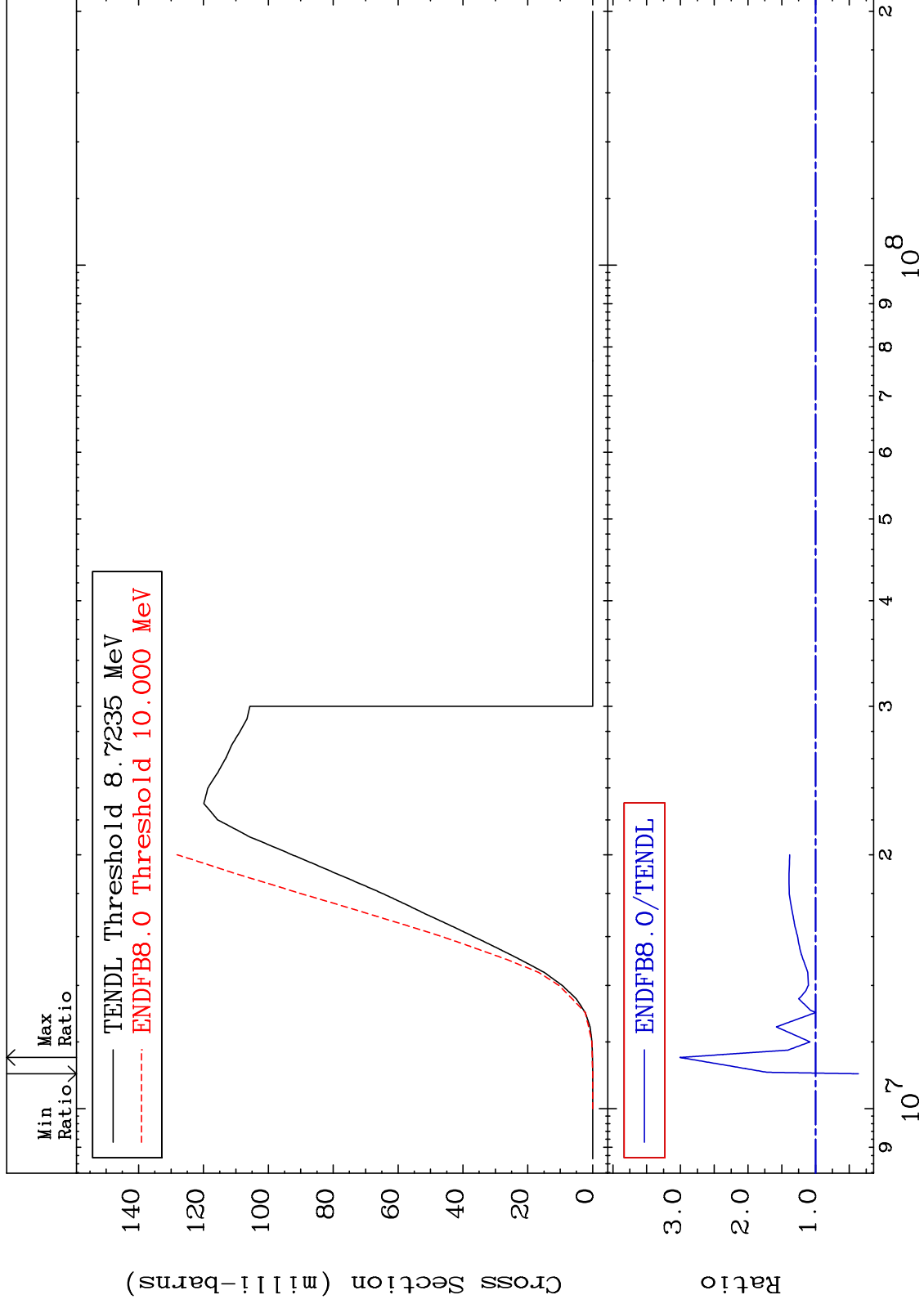
43.05 To 435.5 %



MAT 4234

(n,n') p
Cross Section

42-Mo-95
-63.49 To 200.6 %



8

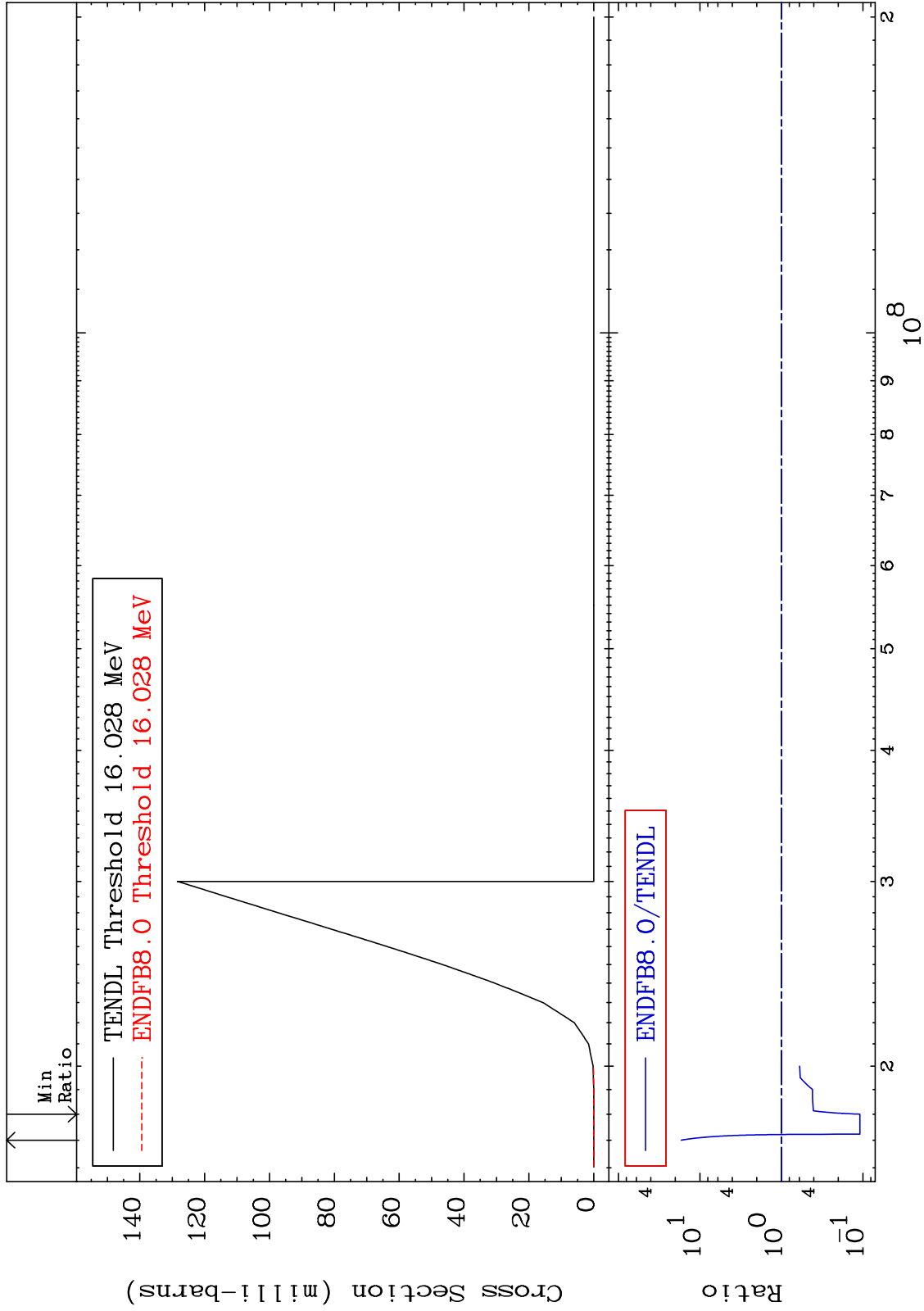
Incident Energy (eV)

42-Mo-95

MAT 4234

(n,2n) p
Cross Section

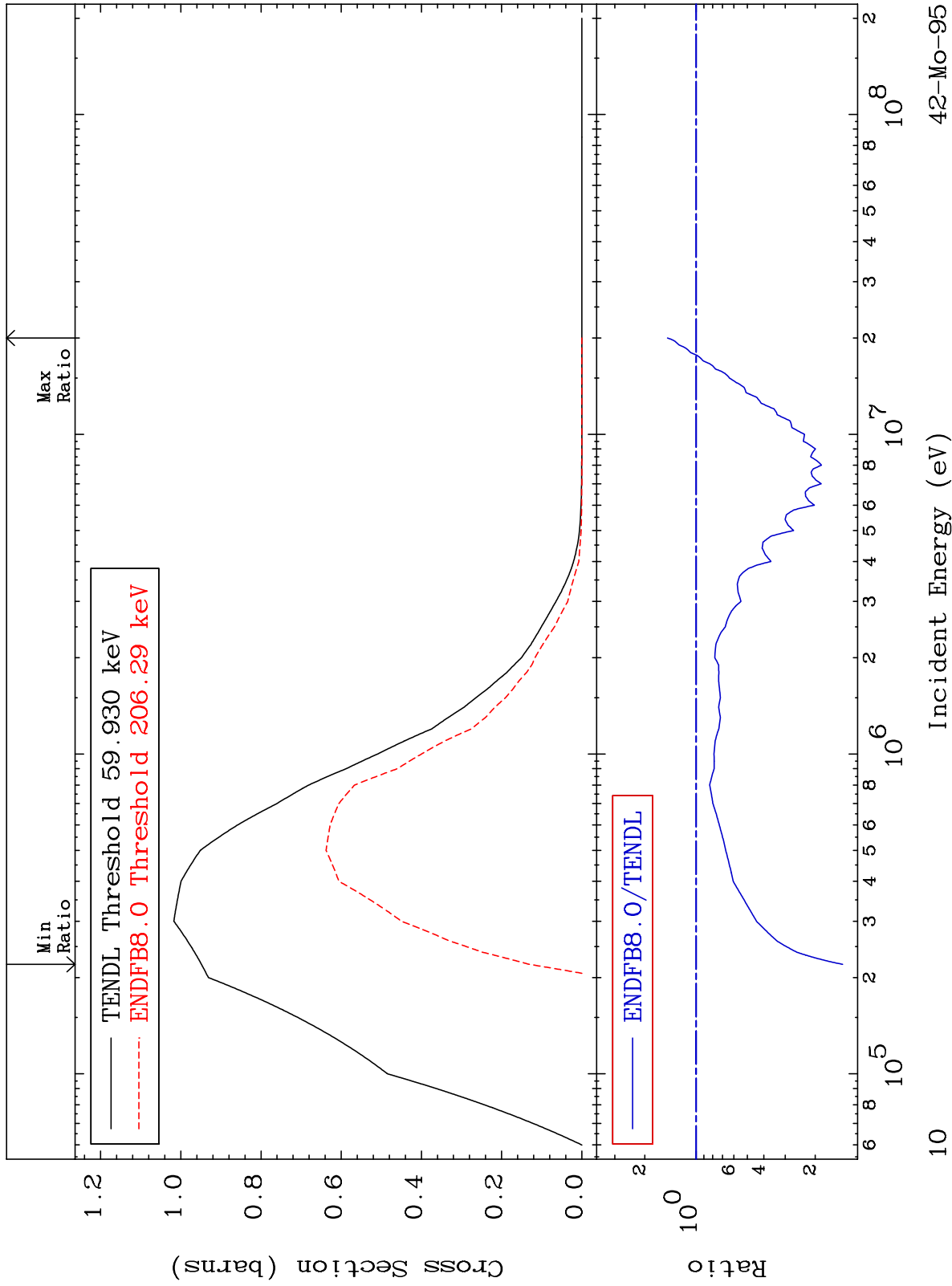
42-Mo-95
-89.14 To 1593. %



MAT 4234

MT= 51 (n,n') Level
Cross Section

42-Mo-95
-86.20 To 47.12 %

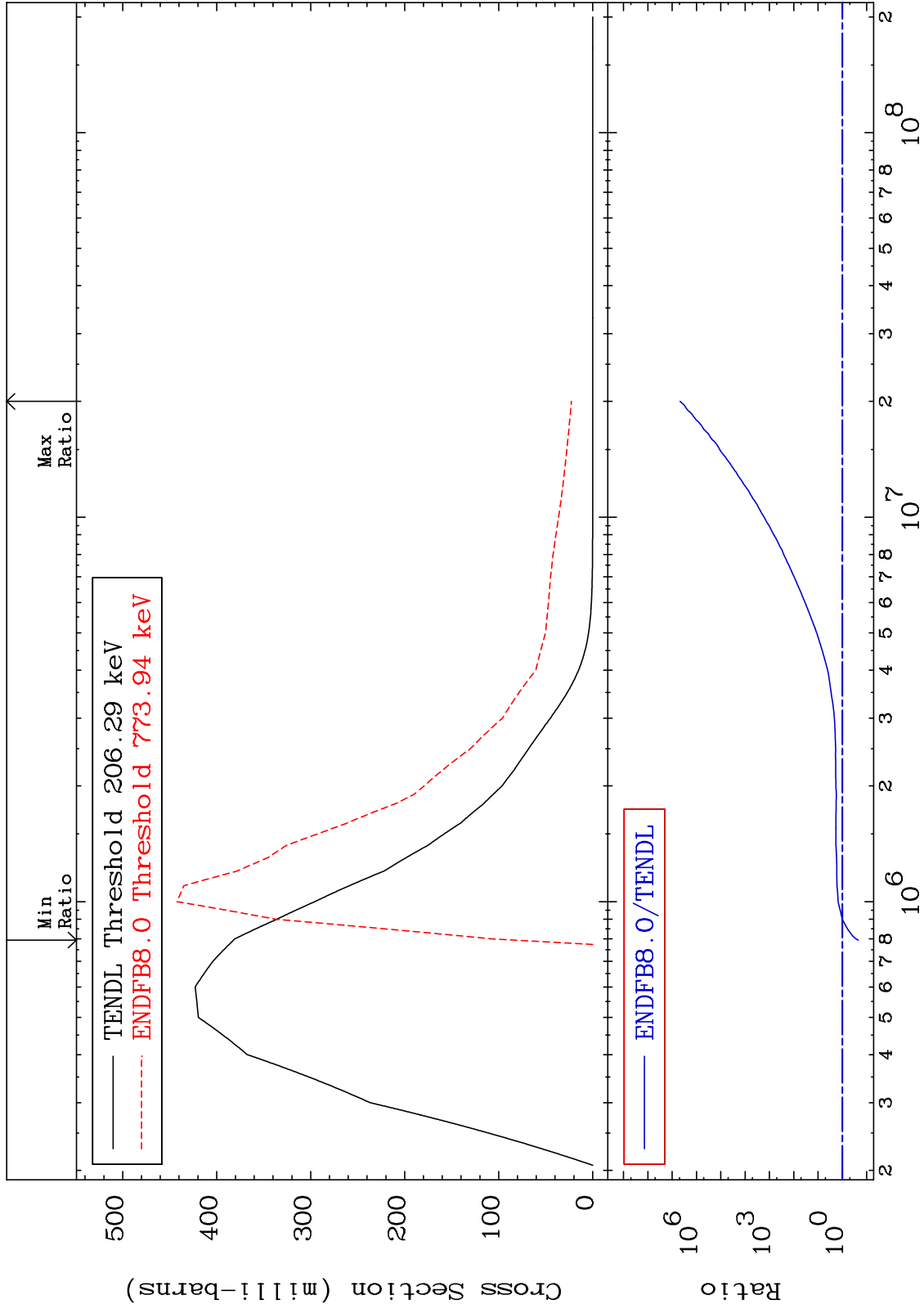


42-Mo-95

MAT 4234

MT= 52 (n,n') Level
Cross Section

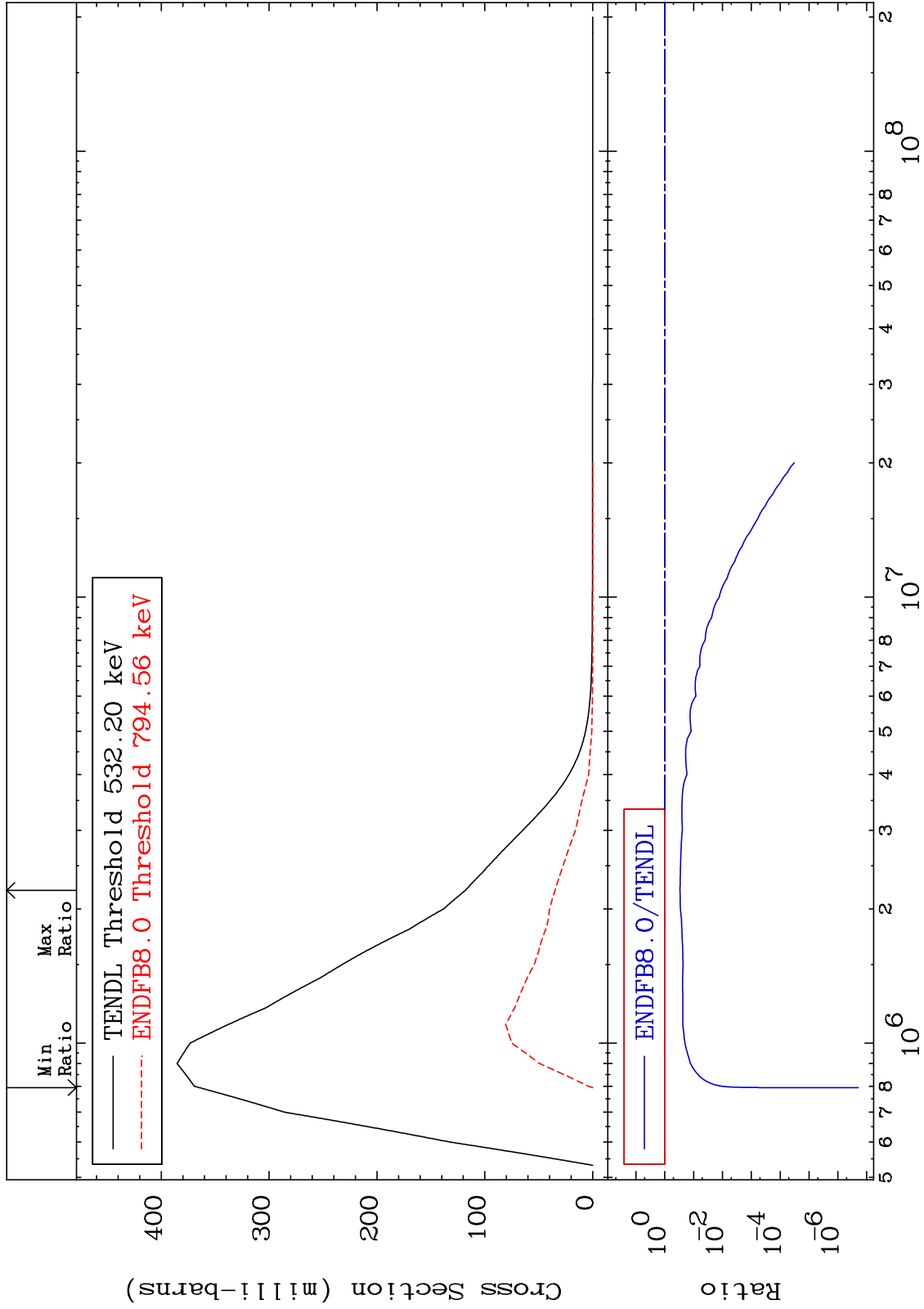
42-Mo-95
-77.96 To 9999. %



MAT 4234

MT= 53 (n,n') Level
Cross Section

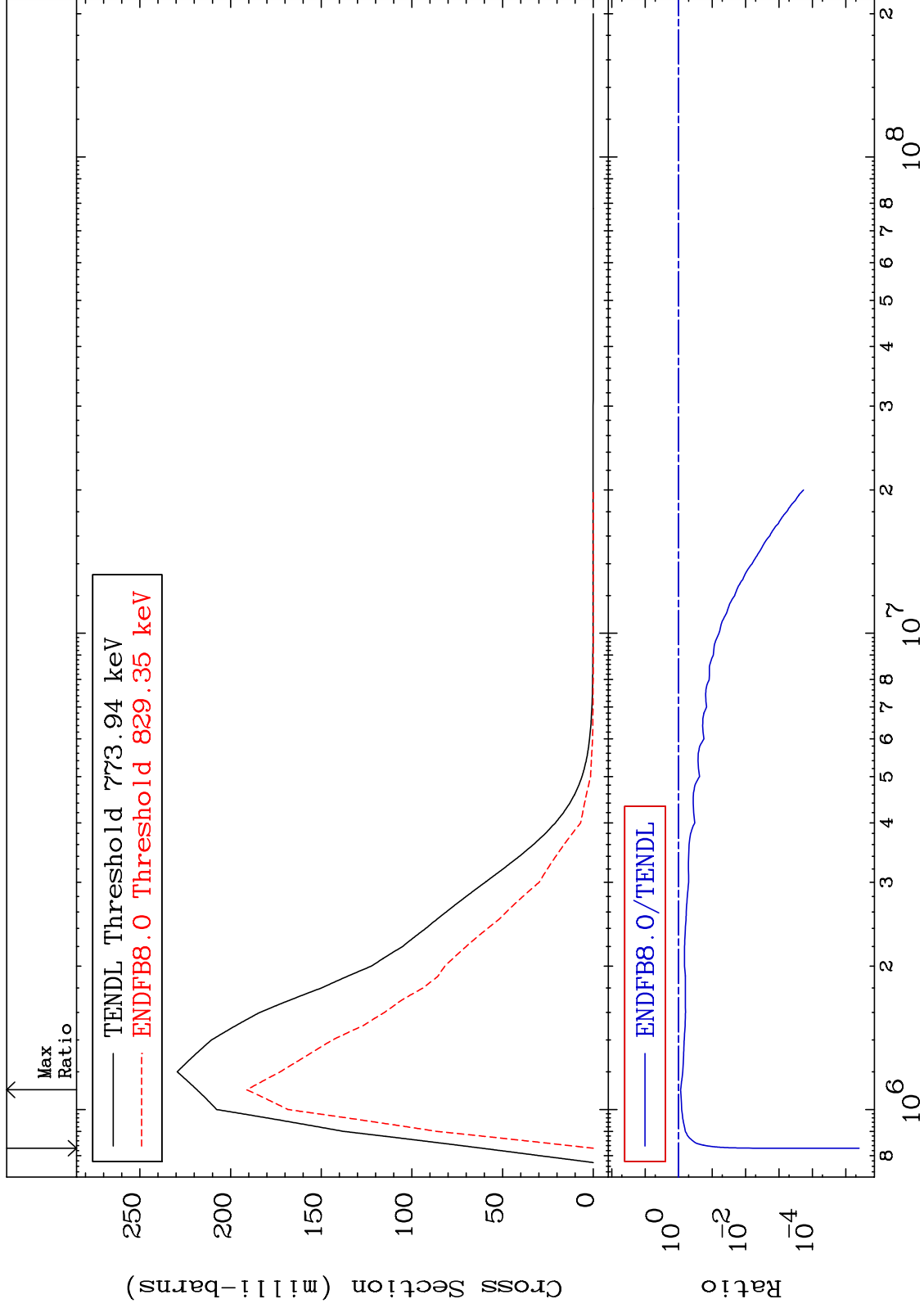
42-Mo-95
-100.0 To -70.40%



MAT 4234

MT= 54 (n,n') Level
Cross Section

42-Mo-95
-100.0 To -12.58%

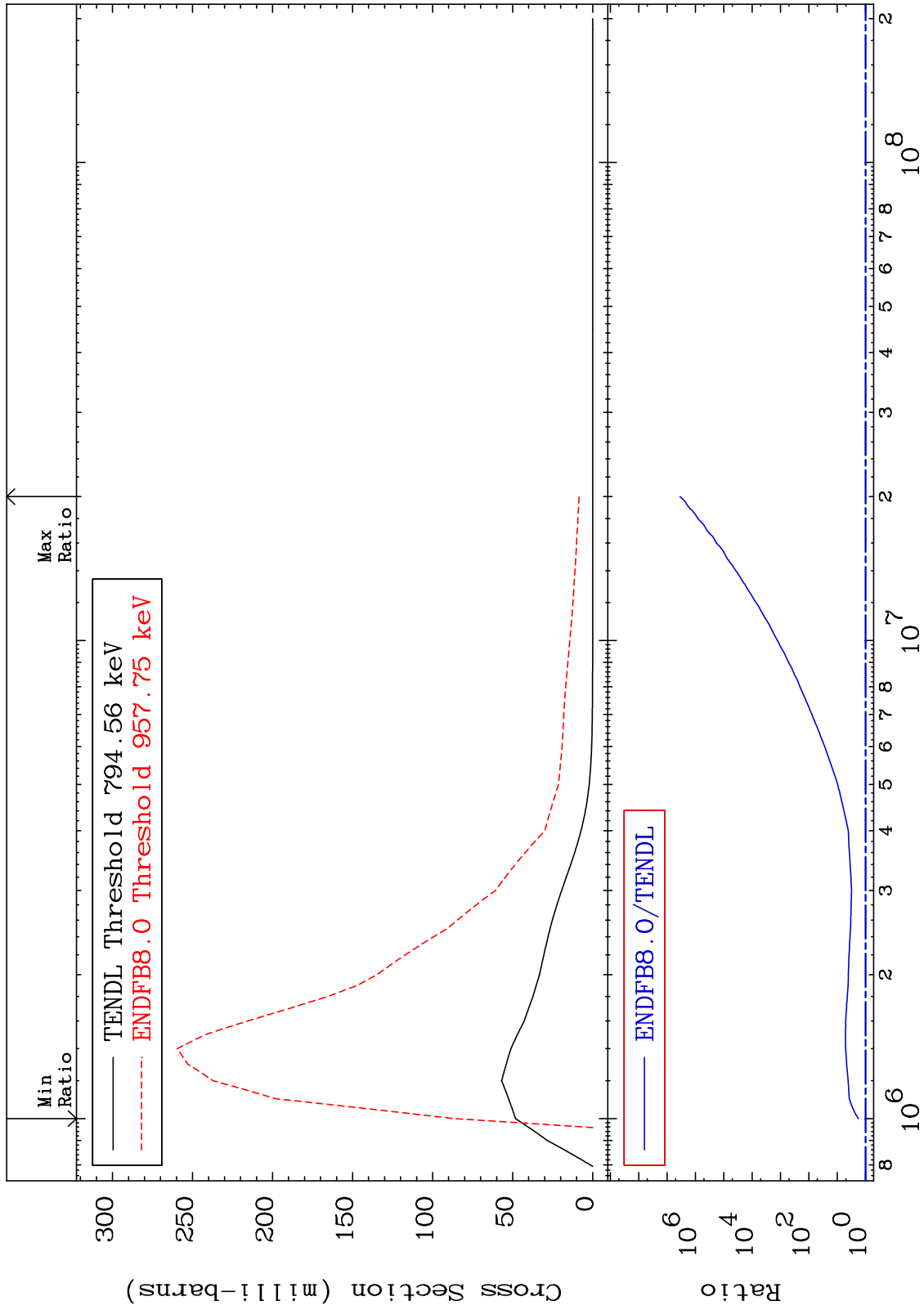


13

Incident Energy (eV)

42-Mo-95

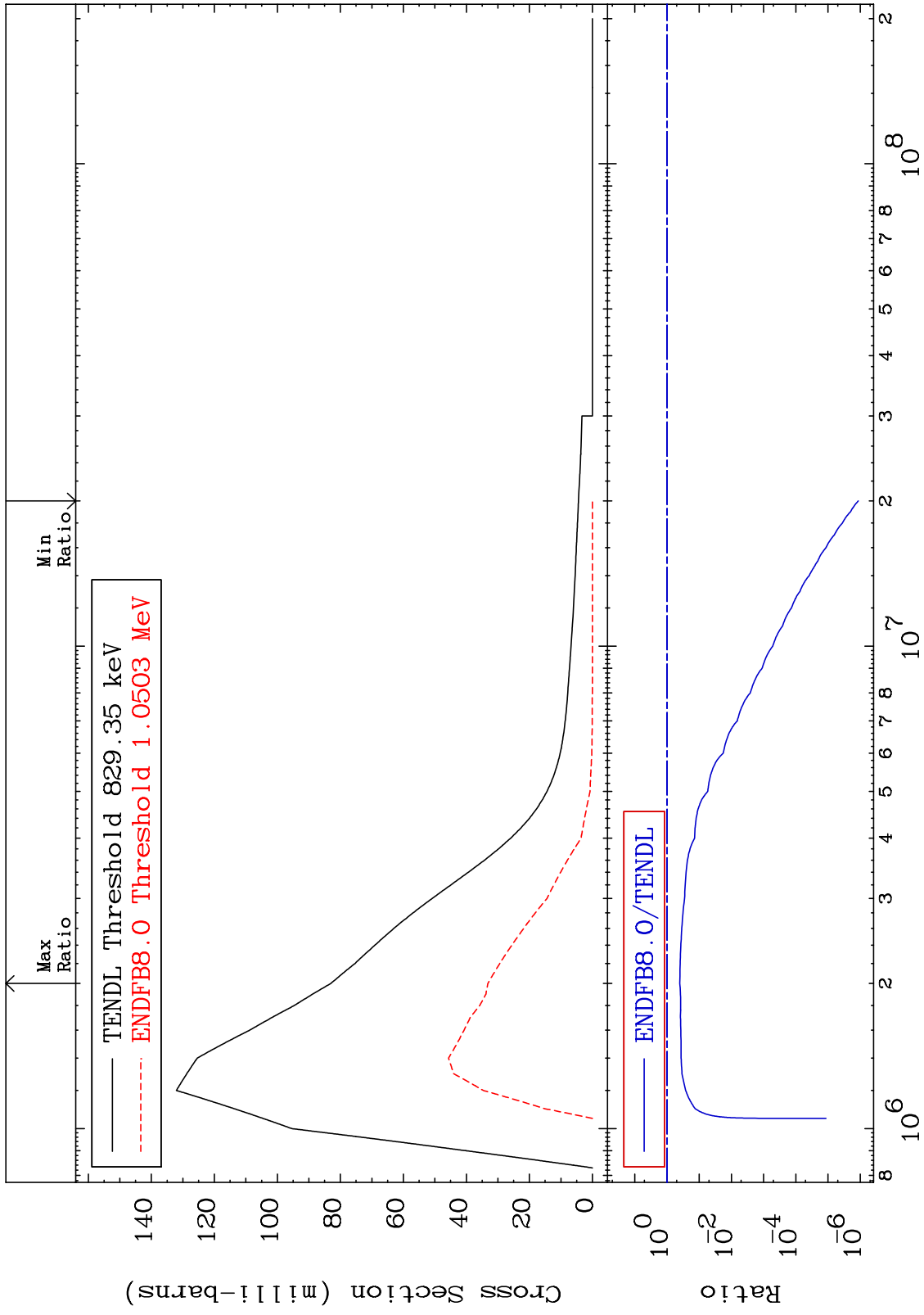
MAT 4234 MT= 55 (n,n') Level Cross Section 42-Mo-95
 80.12 To 9999. %



MAT 4234

MT= 56 (n,n') Level
Cross Section

42-Mo-95
-100.0 To -60.02%



15

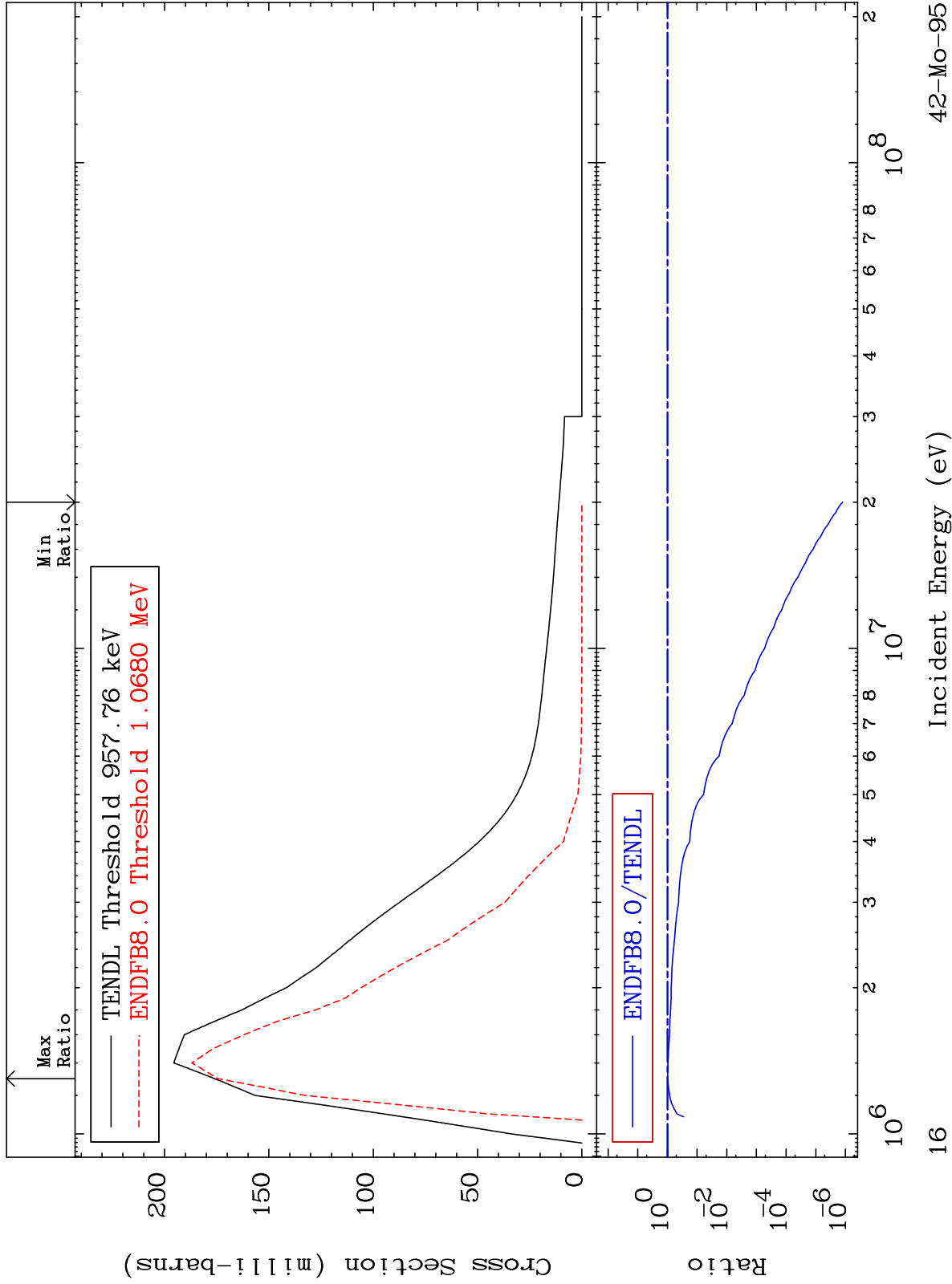
Incident Energy (eV)

42-Mo-95

MAT 4234

MT= 57 (n, n') Level
Cross Section

42-Mo-95
-100.0 To -0.888%

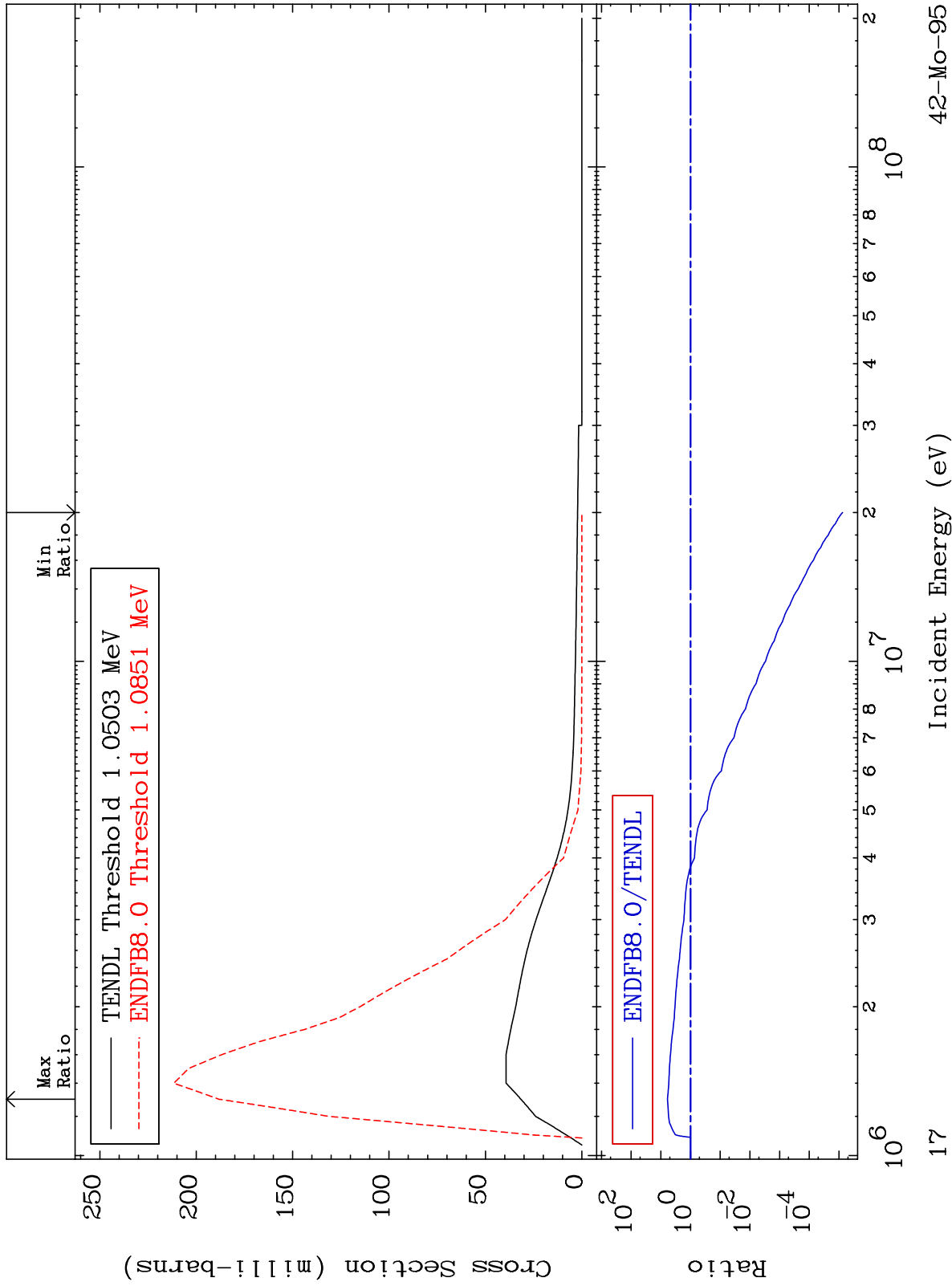


42-Mo-95

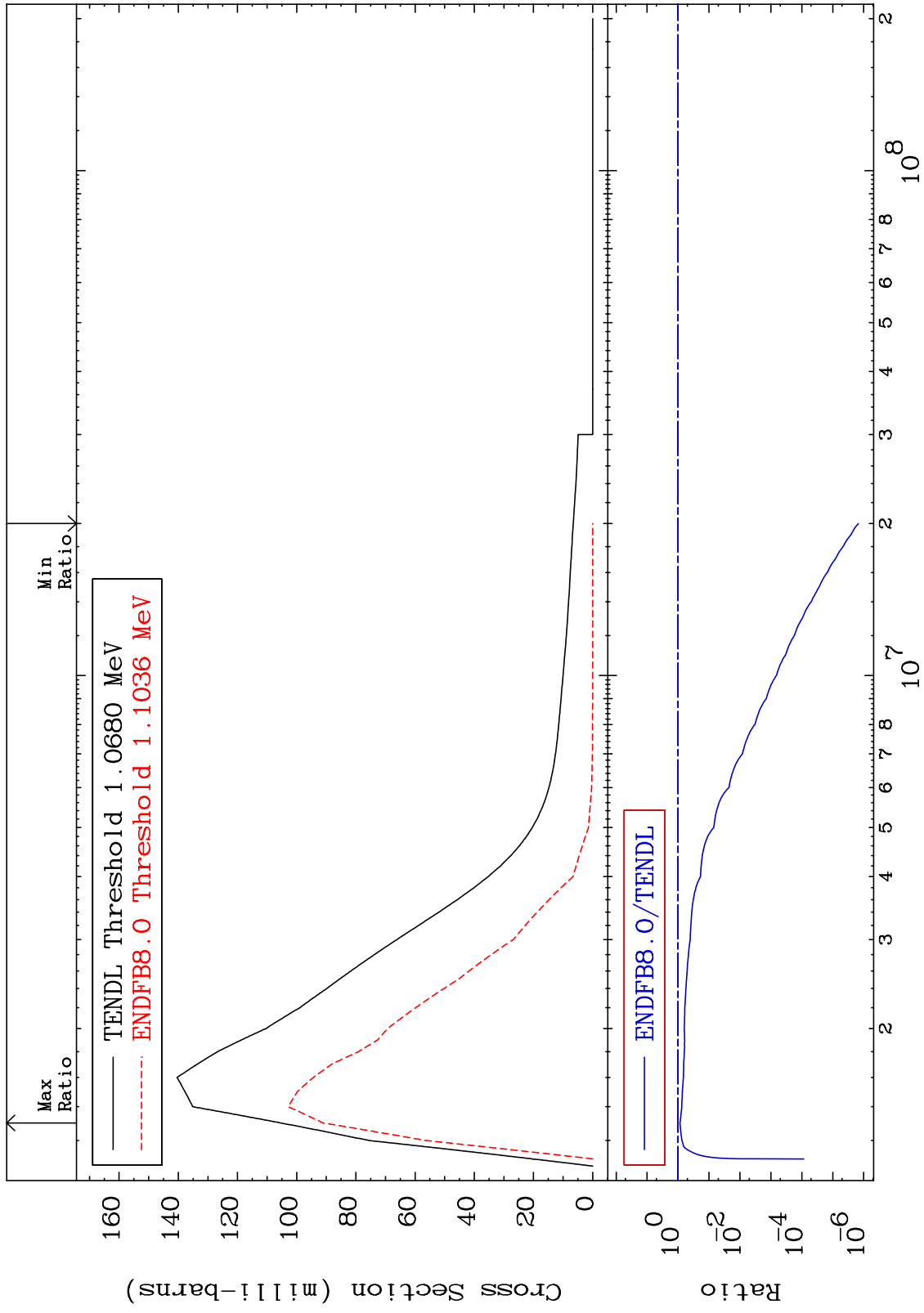
Incident Energy (eV)

16

MAT 4234 MT= 58 (n, n') Level Cross Section -100.0 To 495.5 % 42-Mo-95



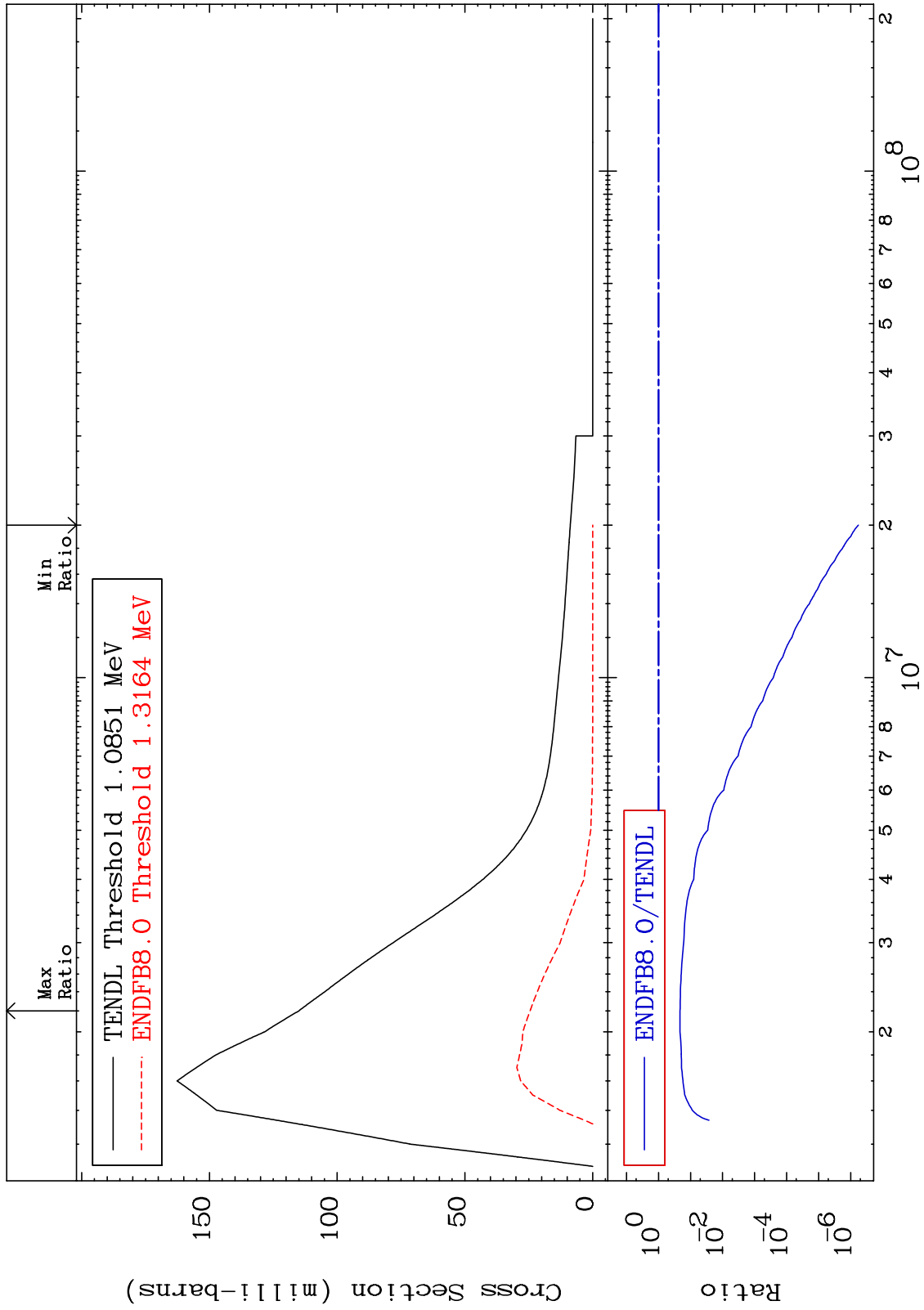
MAT 4234 MT= 59 (n,n') Level Cross Section 42-Mo-95
 -100.0 To -13.55%



MAT 4234

MT= 60 (n,n') Level
Cross Section

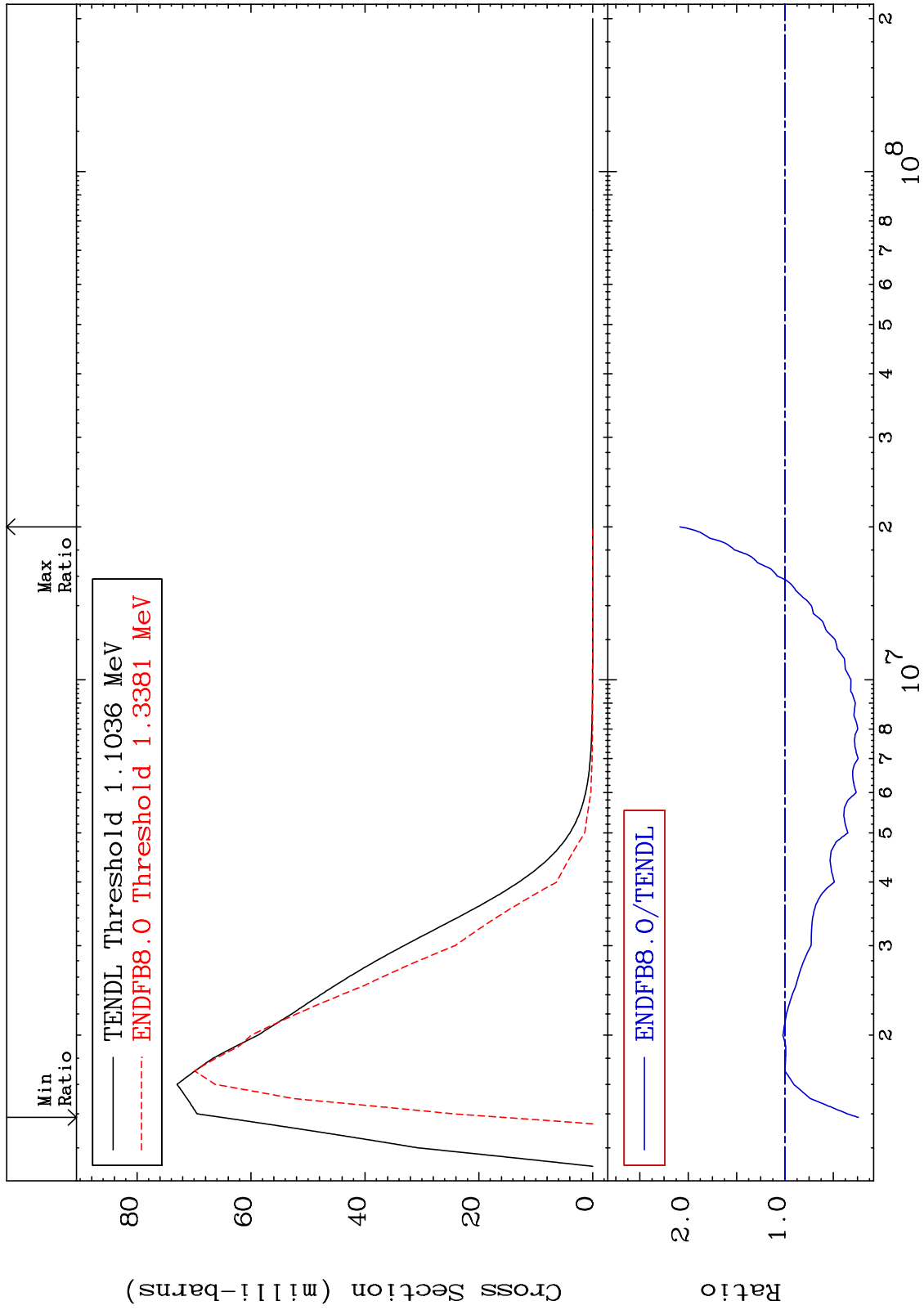
42-Mo-95
-100.0 To -78.69%



MAT 4234

MT= 61 (n,n') Level
Cross Section

42-Mo-95
-76.03 To 108.5 %



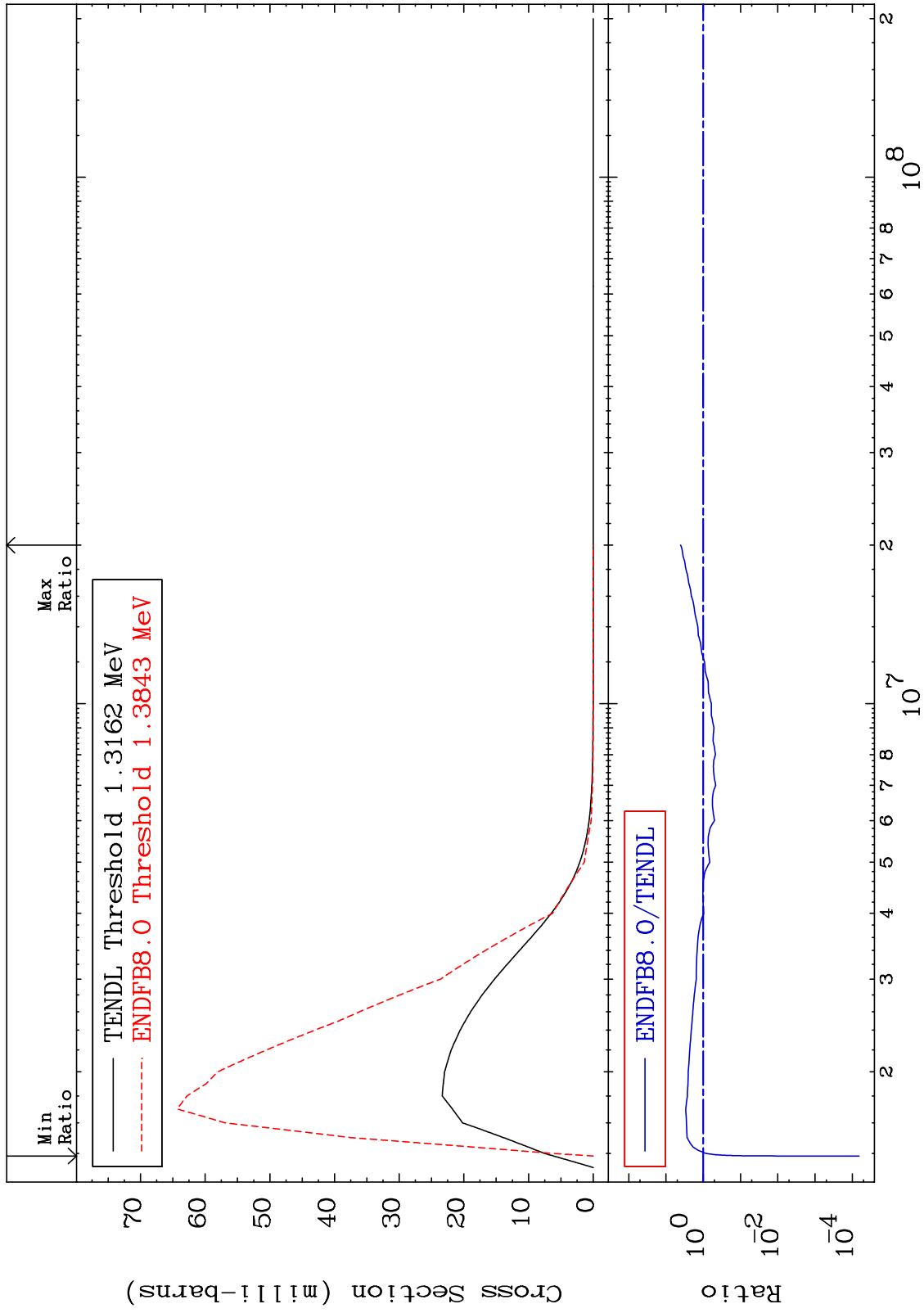
20

42-Mo-95

MAT 4234

MT= 62 (n,n') Level
Cross Section

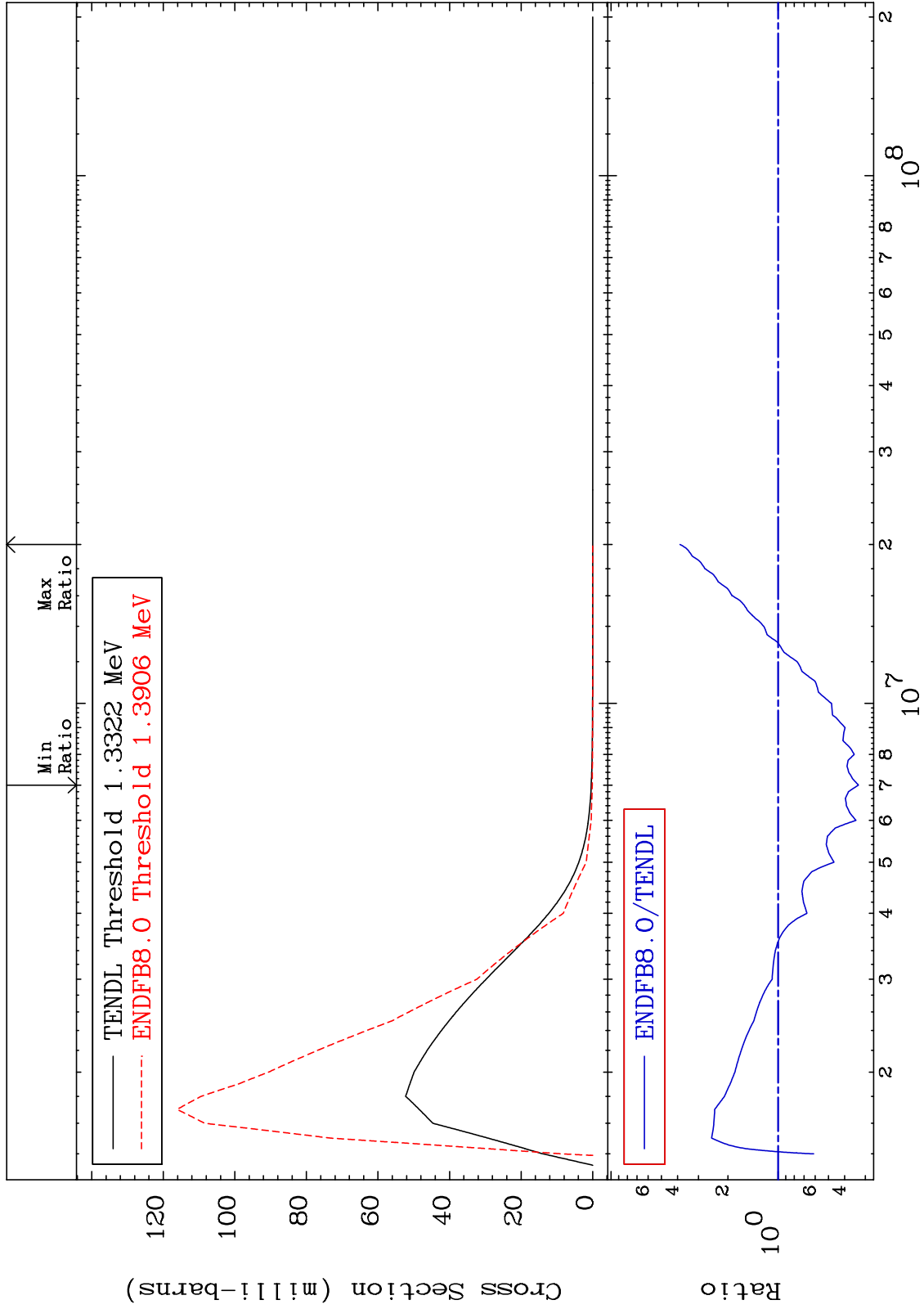
42-Mo-95
-99.99 To 304.9 %



MAT 4234

MT= 63 (n,n') Level
Cross Section

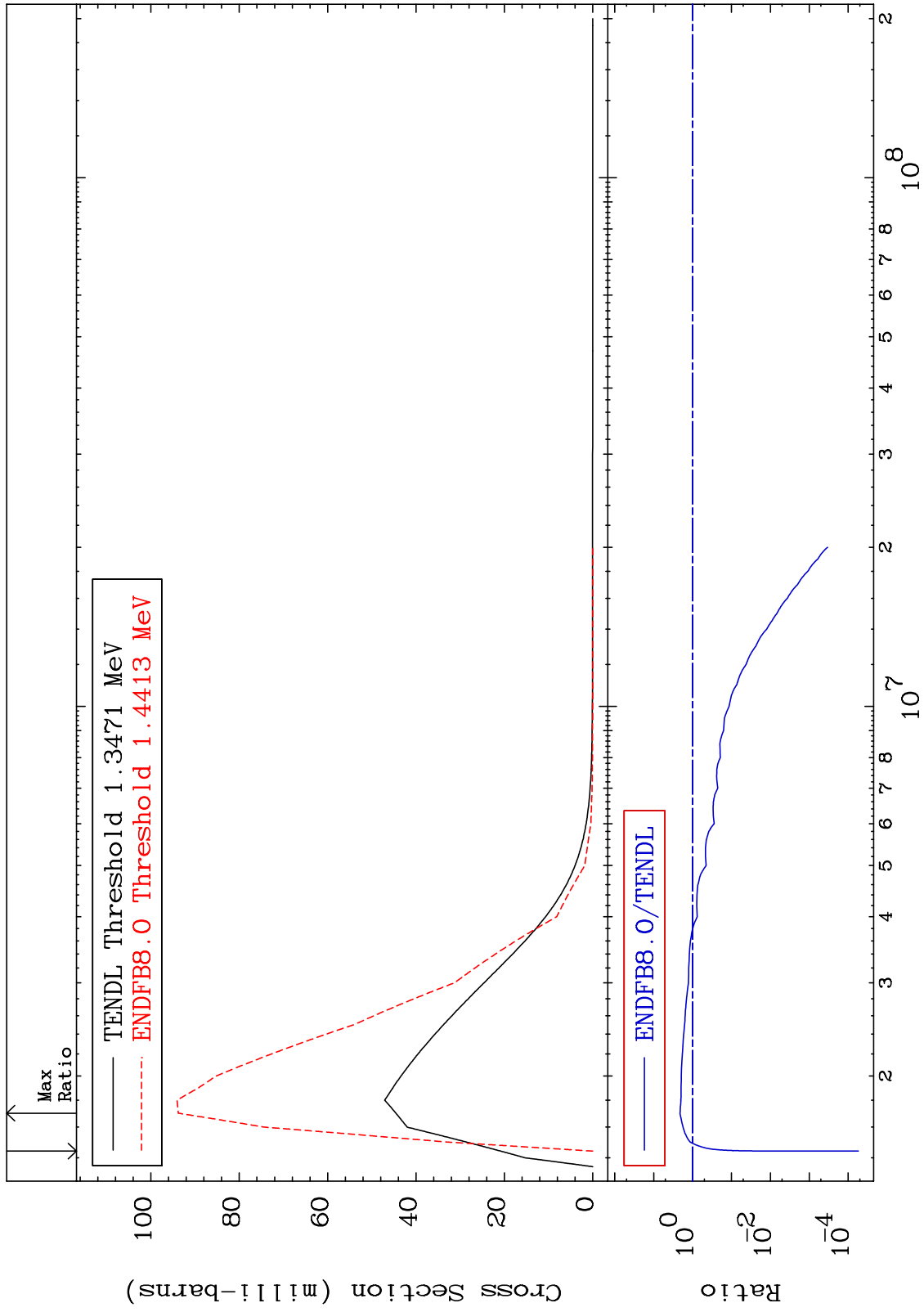
42-Mo-95
-66.94 To 286.7 %



MAT 4234

MT= 64 (n,n') Level
Cross Section

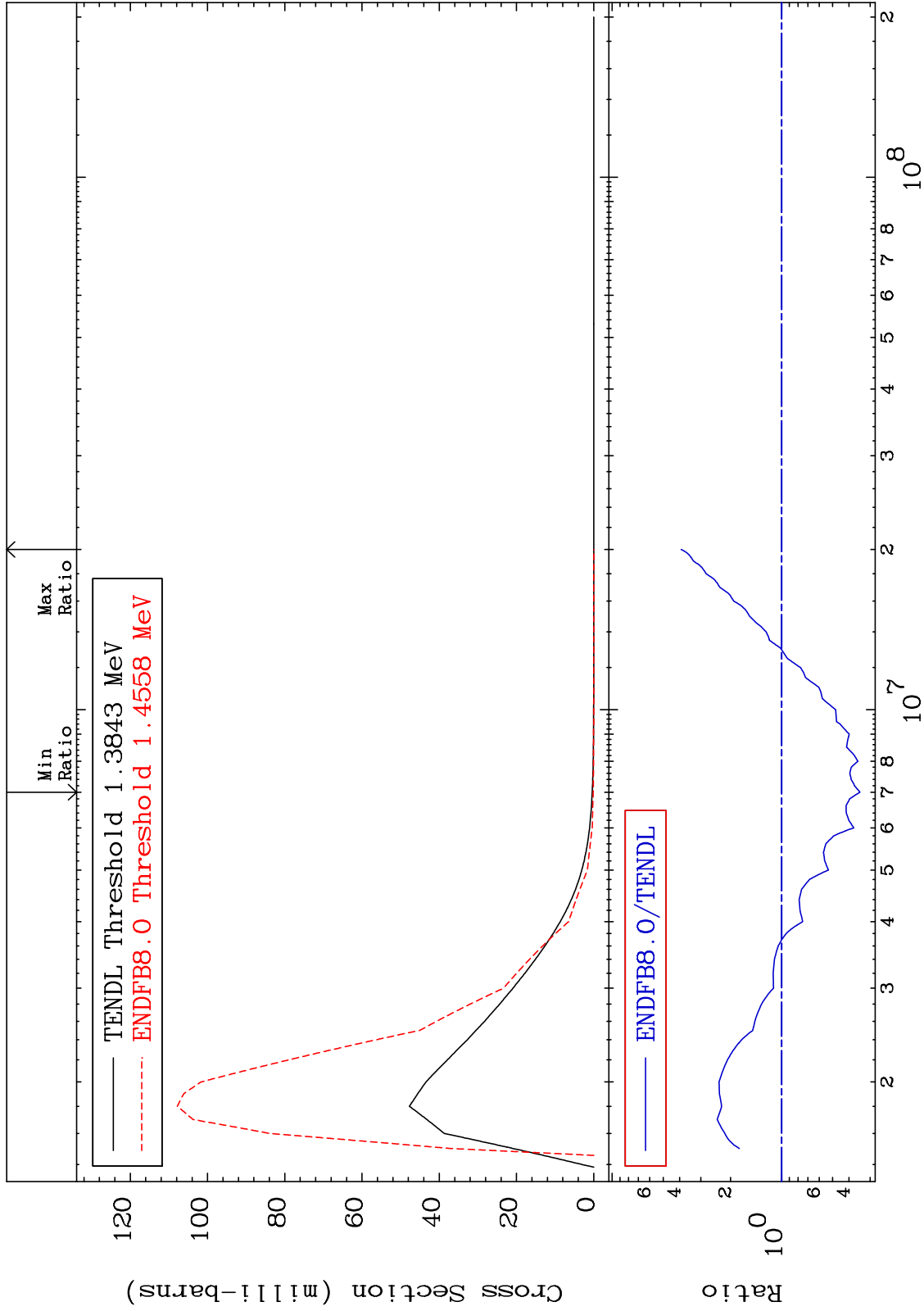
42-Mo-95
-99.99 To 110.6 %



MAT 4234

MT= 65 (n,n') Level
Cross Section

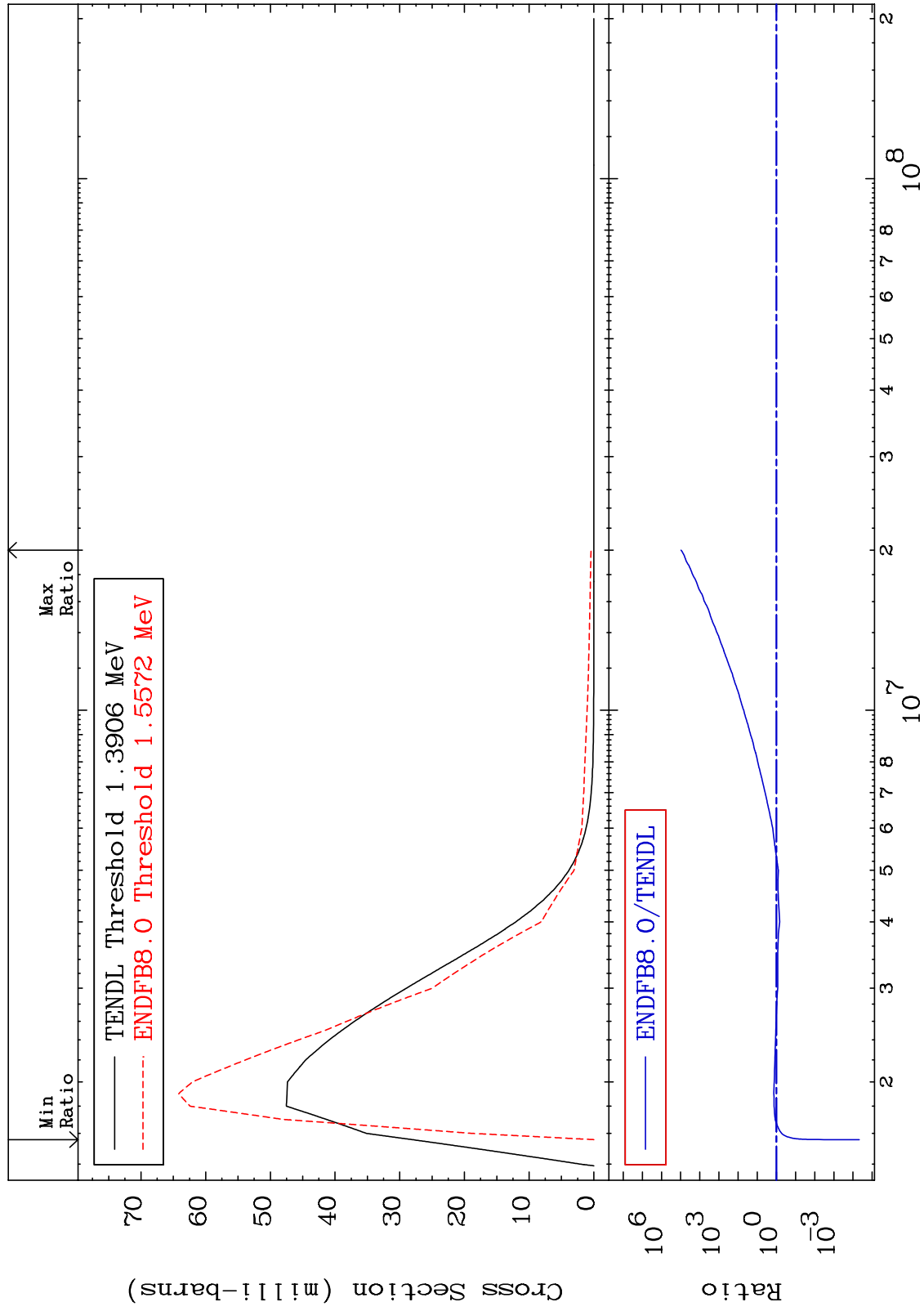
42-Mo-95
-65.49 To 291.2 %



MAT 4234

MT= 66 (n,n') Level
Cross Section

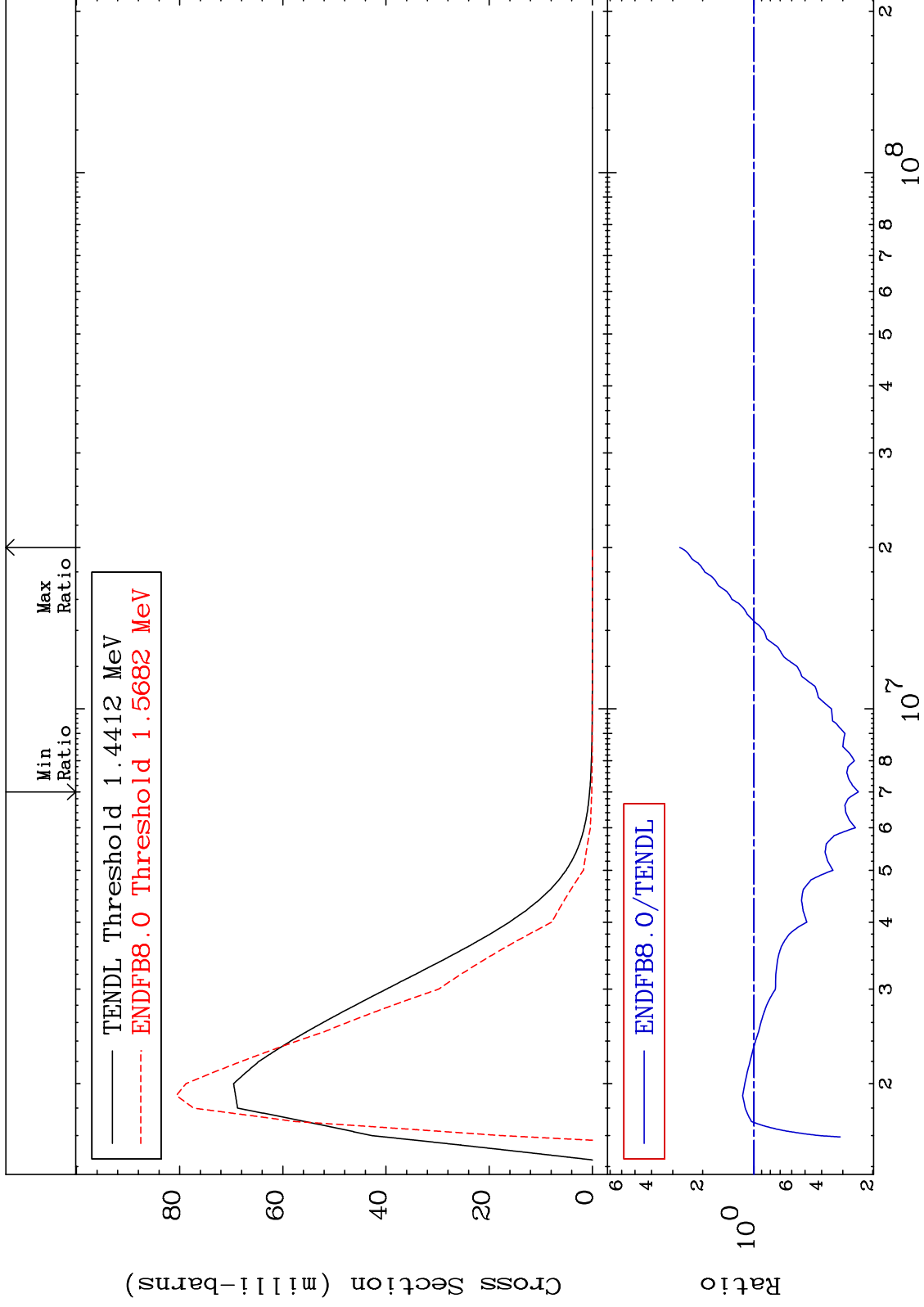
42-Mo-95
-100.0 To 9999. %



MAT 4234

MT= 67 (n,n') Level
Cross Section

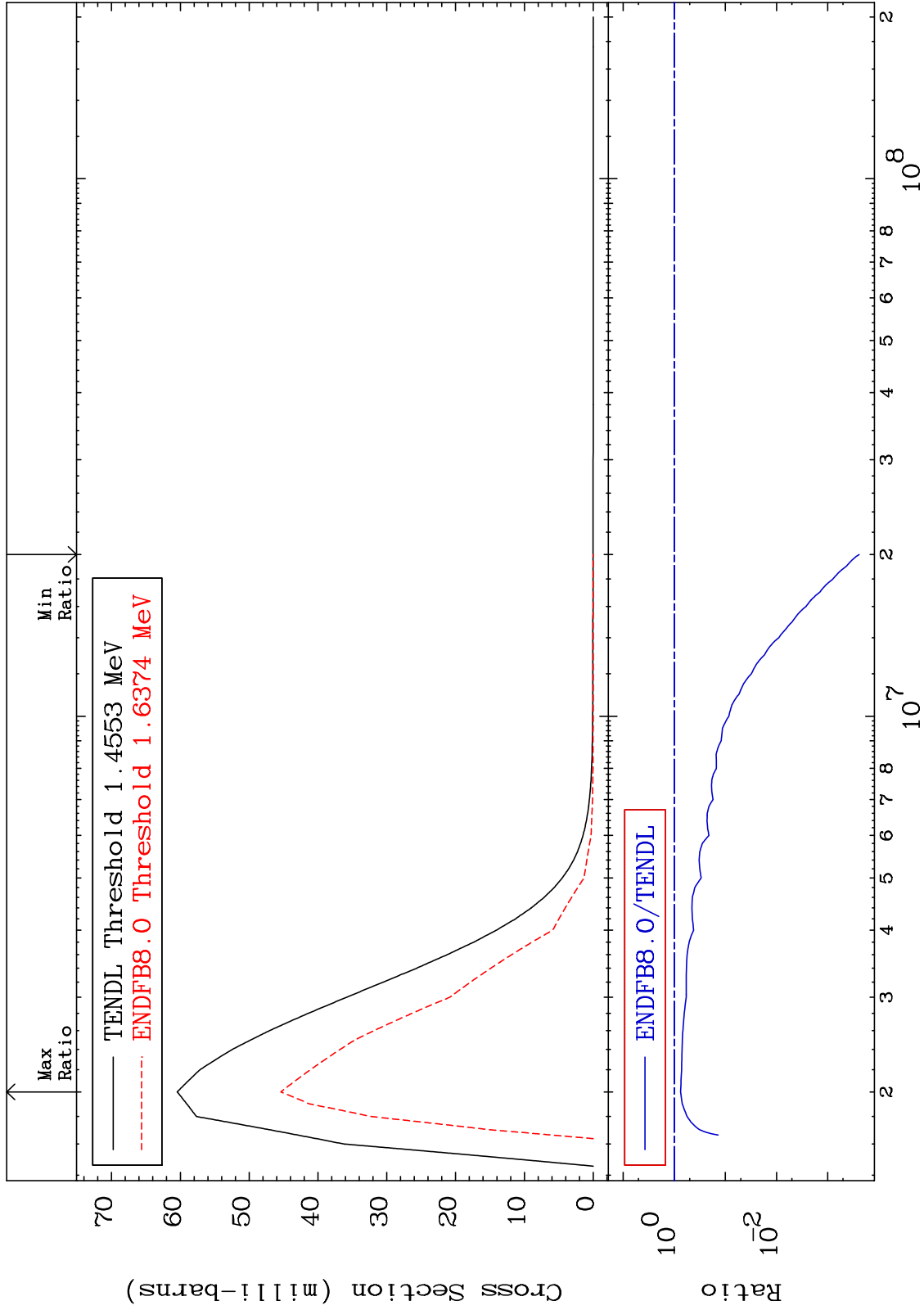
42-Mo-95
-75.69 To 172.8 %



MAT 4234

MT= 68 (n,n') Level
Cross Section

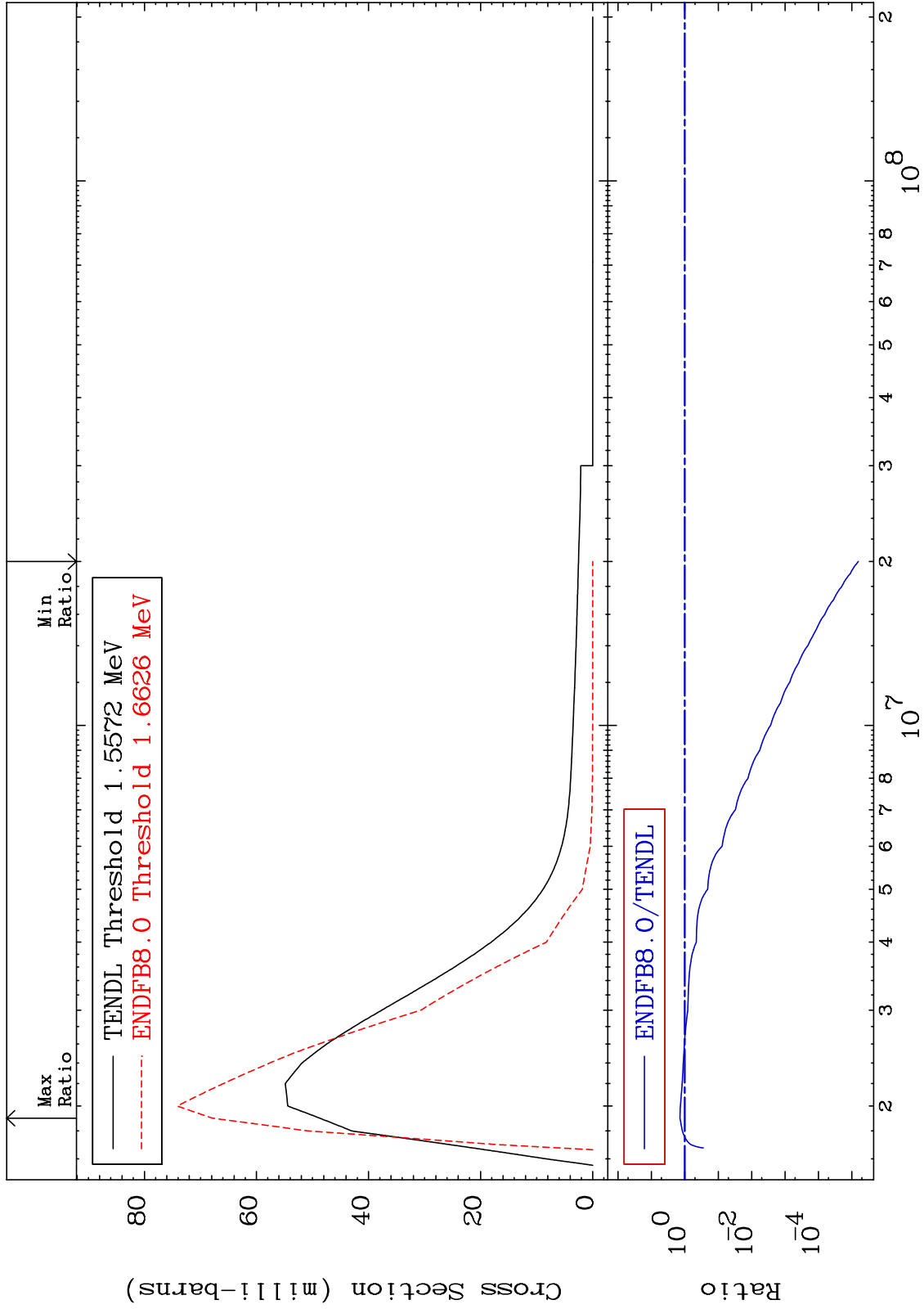
42-Mo-95
-99.98 To -24.91%



MAT 4234

MT= 69 (n,n') Level
Cross Section

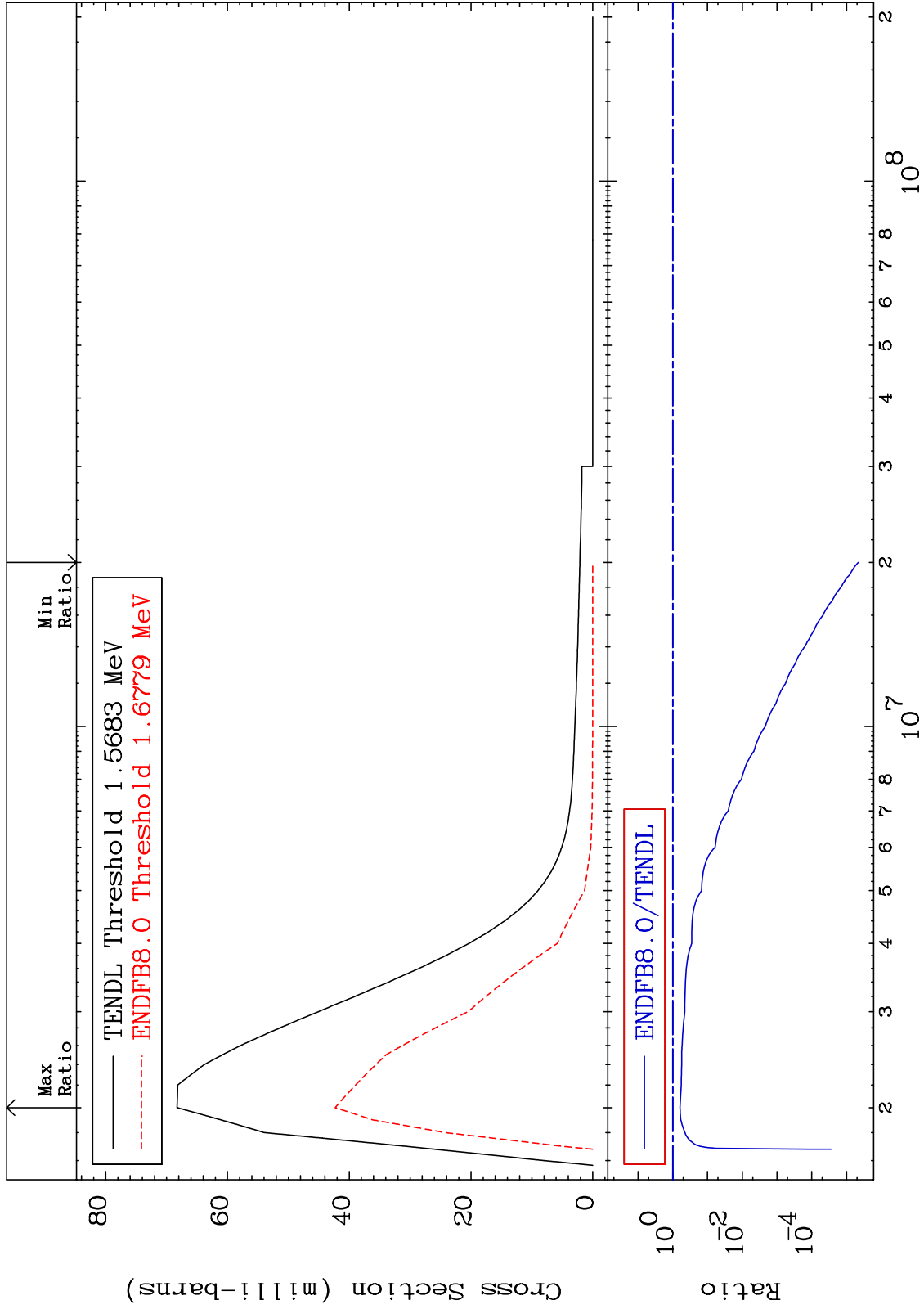
42-Mo-95
-100.0 To 39.40 %



MAT 4234

MT= 70 (n,n') Level
Cross Section

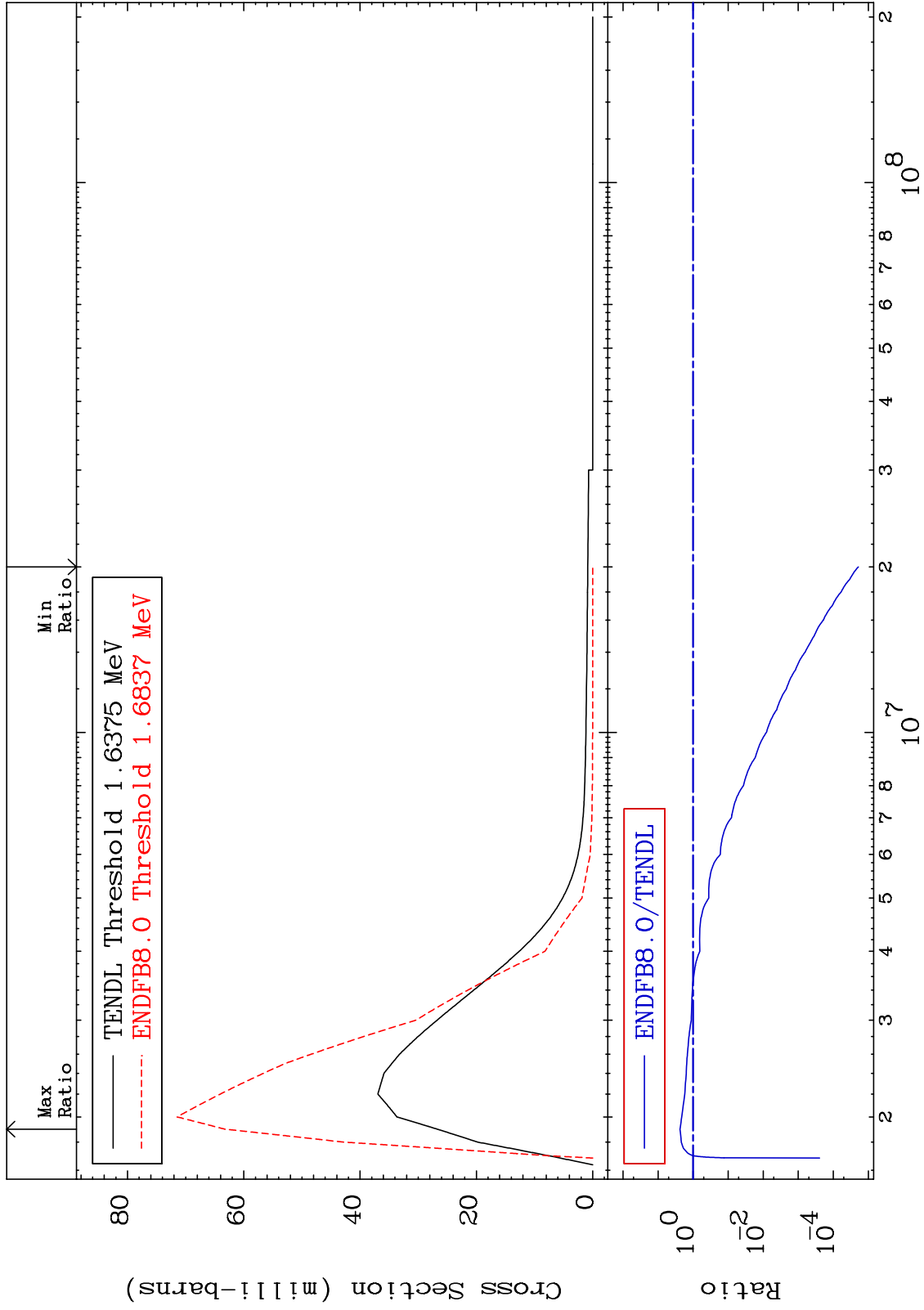
42-Mo-95
-100.0 To -38.05%



MAT 4234

MT= 71 (n,n') Level
Cross Section

42-Mo-95
-100.0 To 136.7 %



30

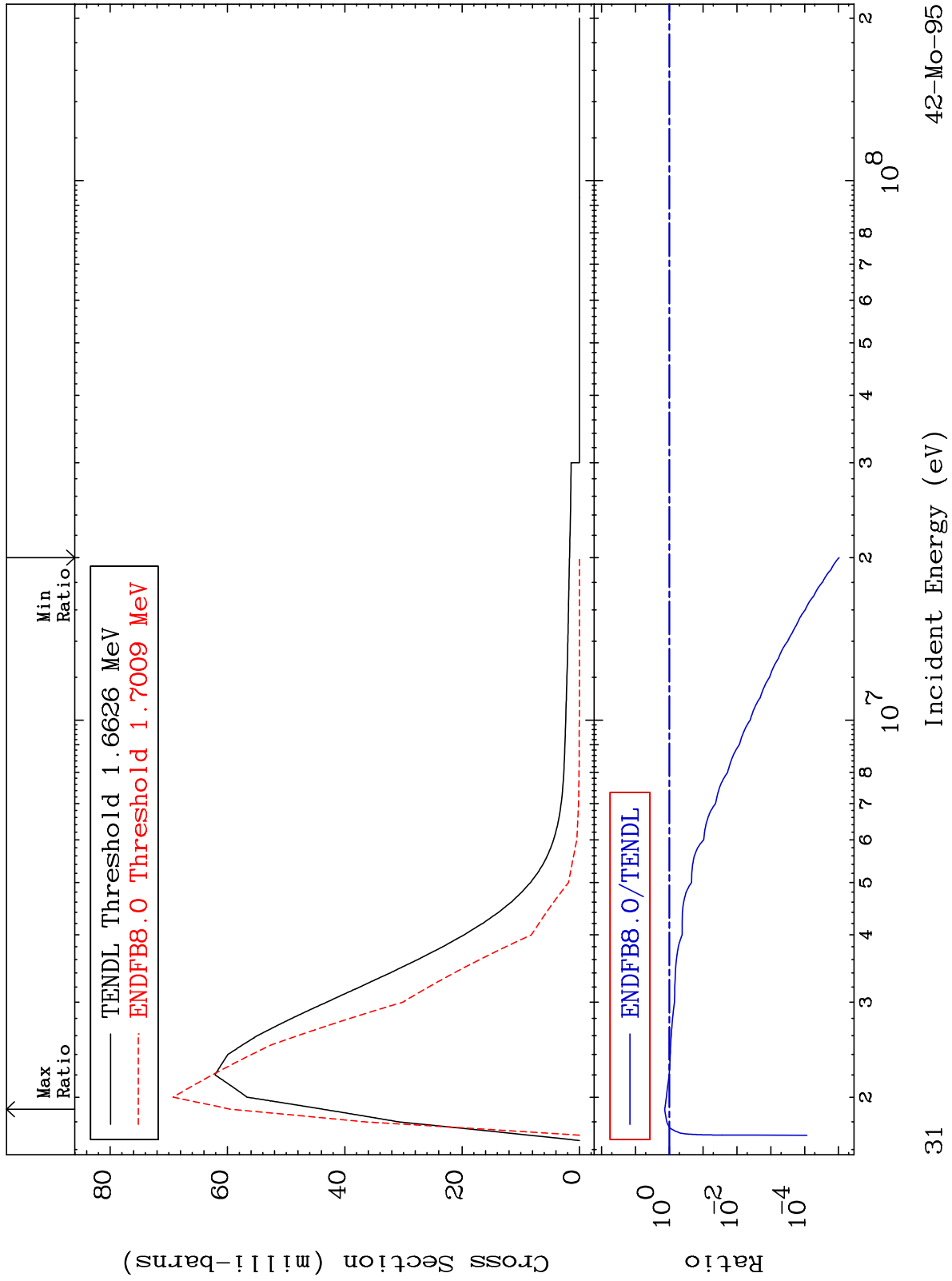
Incident Energy (eV)

42-Mo-95

MAT 4234

MT= 72 (n,n') Level
Cross Section

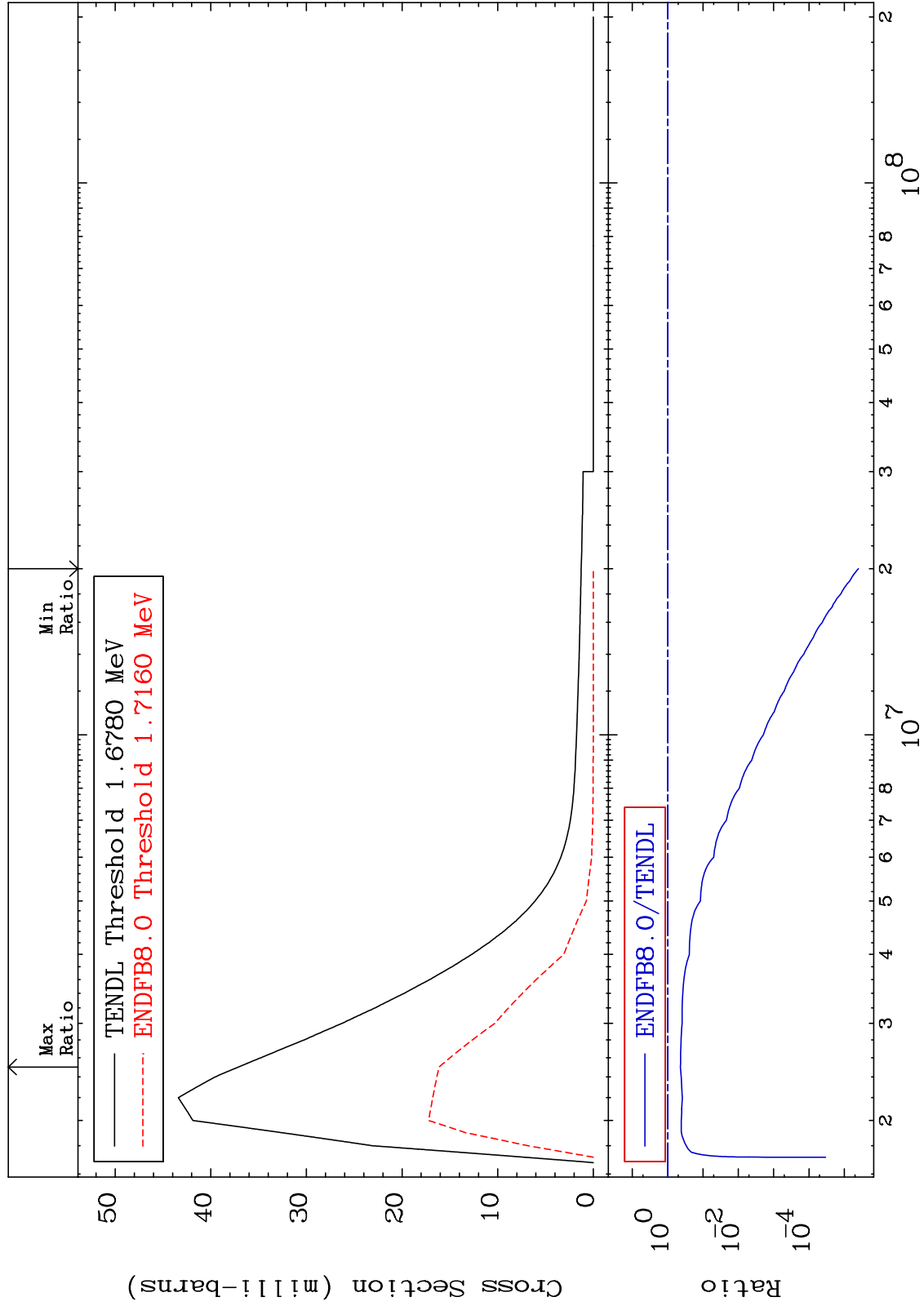
42-Mo-95
-100.0 To 36.05 %



MAT 4234

MT= 73 (n,n') Level
Cross Section

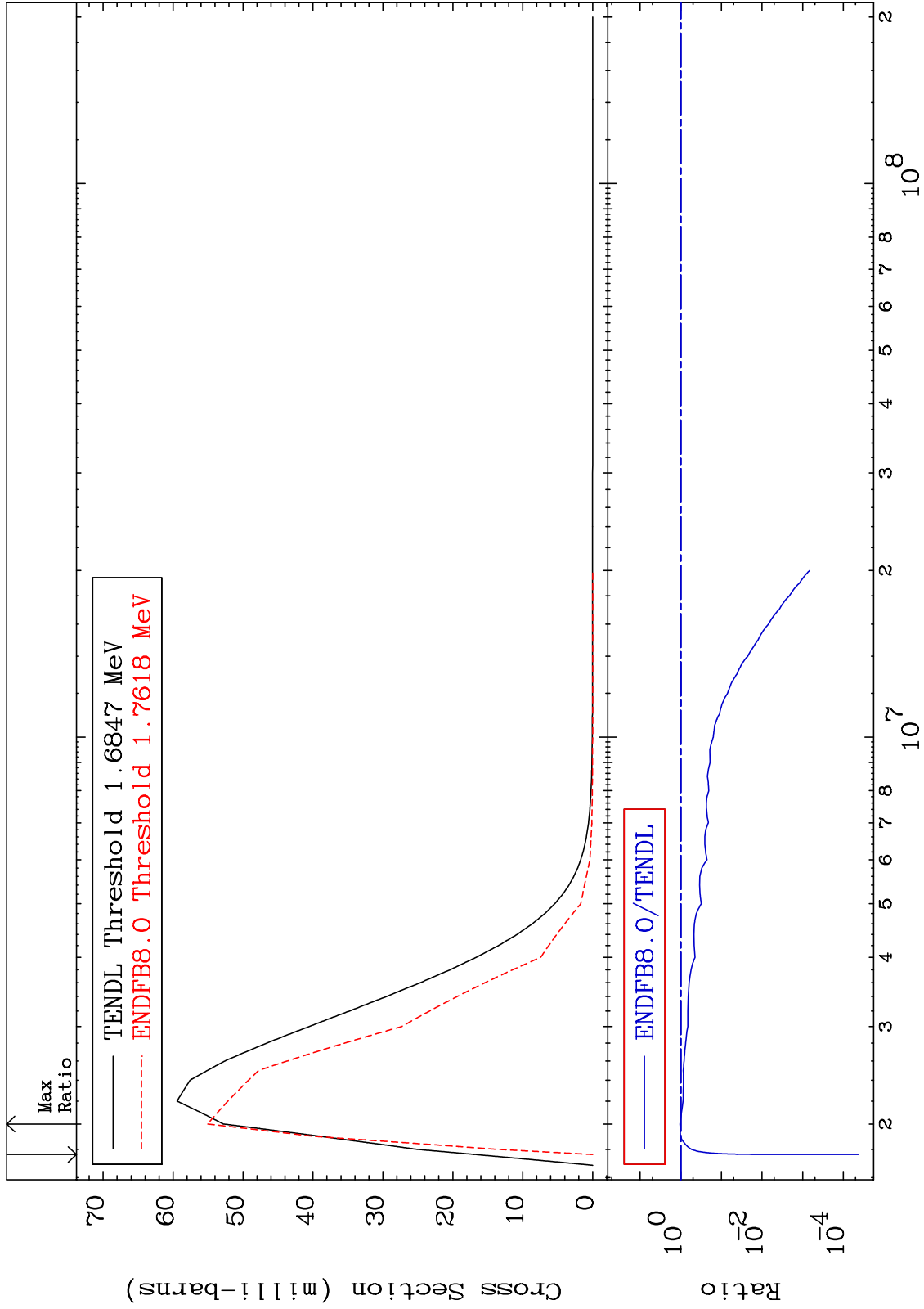
42-Mo-95
-100.0 To -56.54%



MAT 4234

MT= 74 (n,n') Level
Cross Section

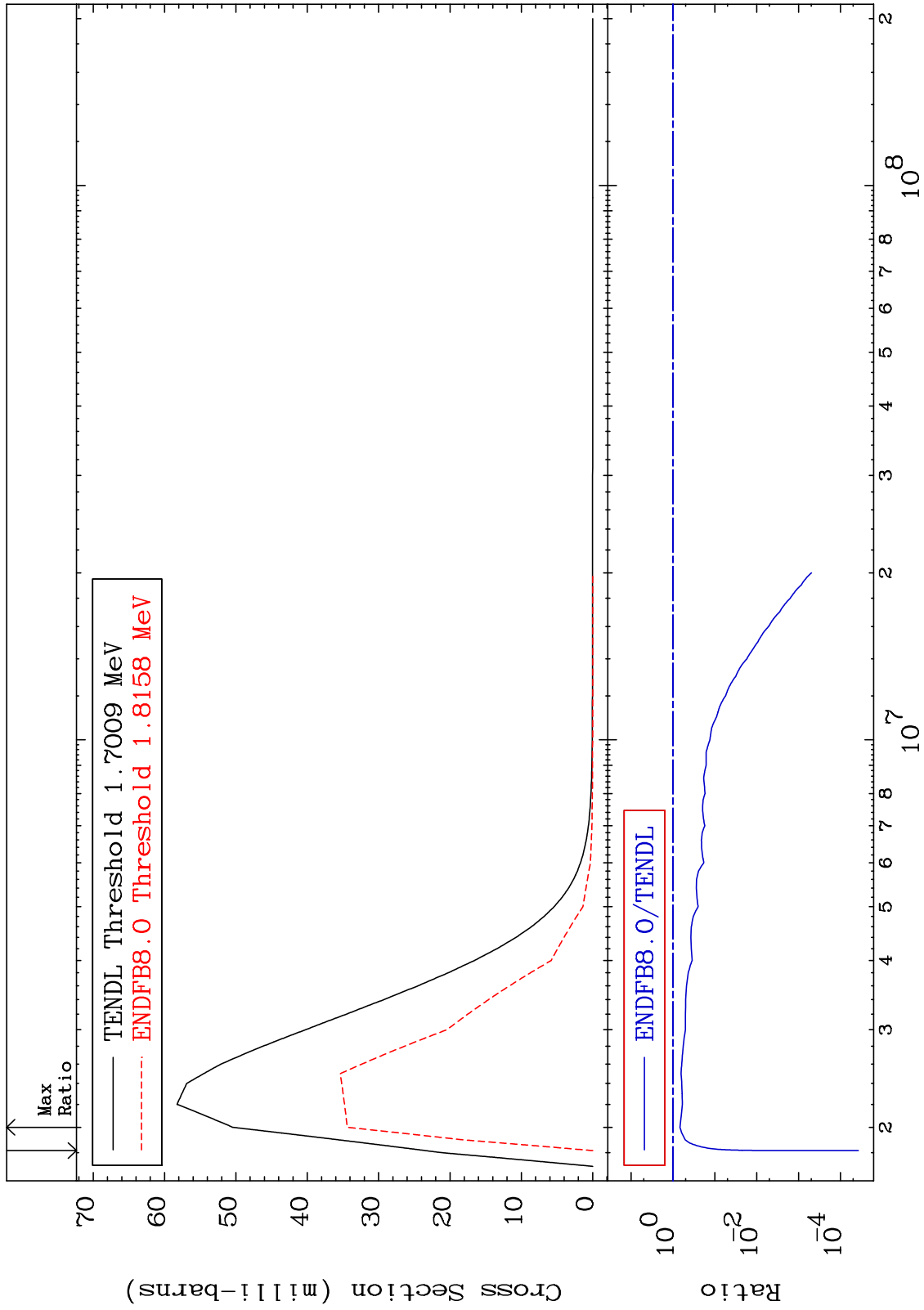
42-Mo-95
-100.0 To 4.305 %



MAT 4234

MT= 75 (n,n') Level
Cross Section

42-Mo-95
-100.0 To -31.80%



34

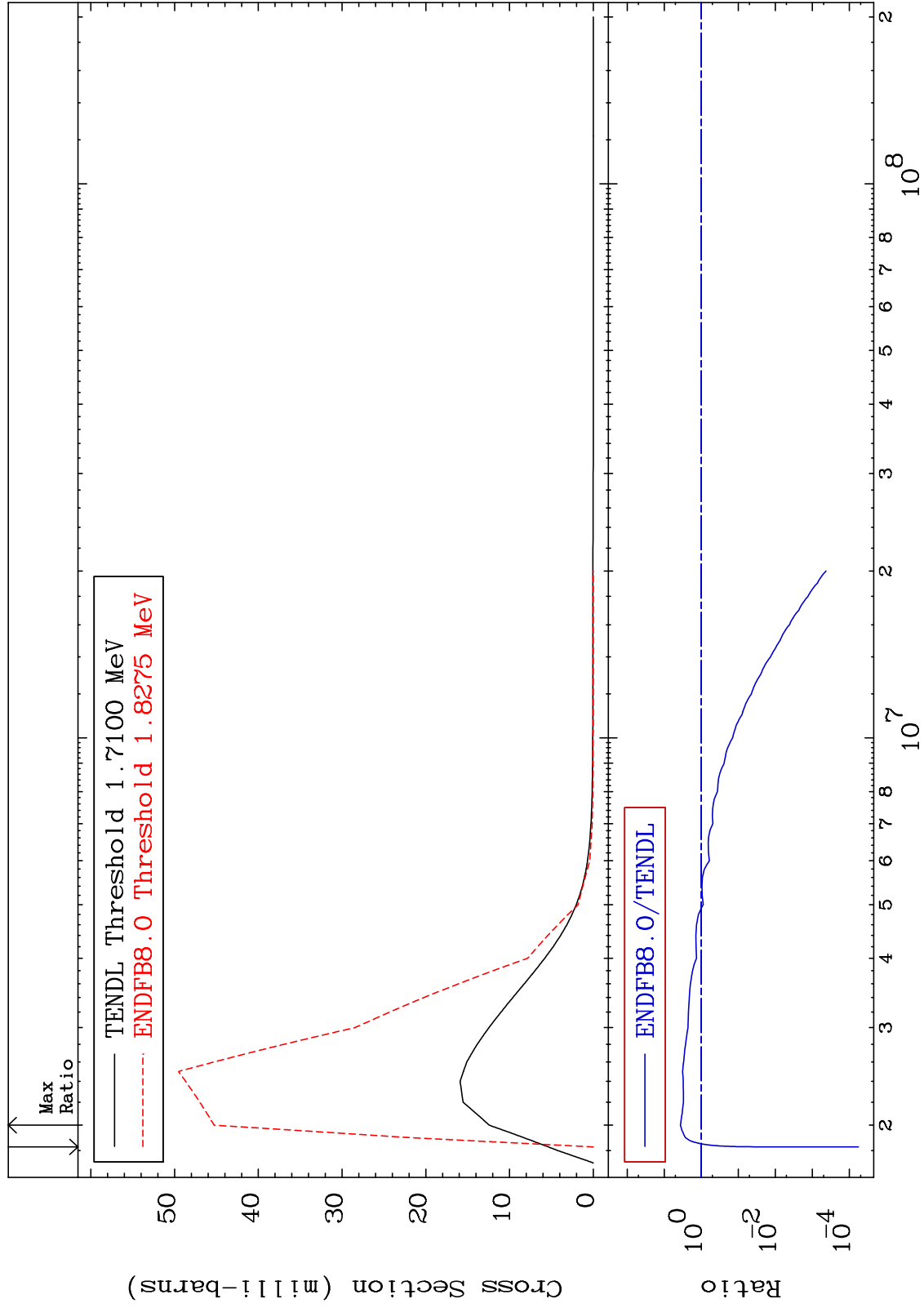
Incident Energy (eV)

42-Mo-95

MAT 4234

MT= 76 (n,n') Level
Cross Section

42-Mo-95
-99.99 To 264.4 %



35

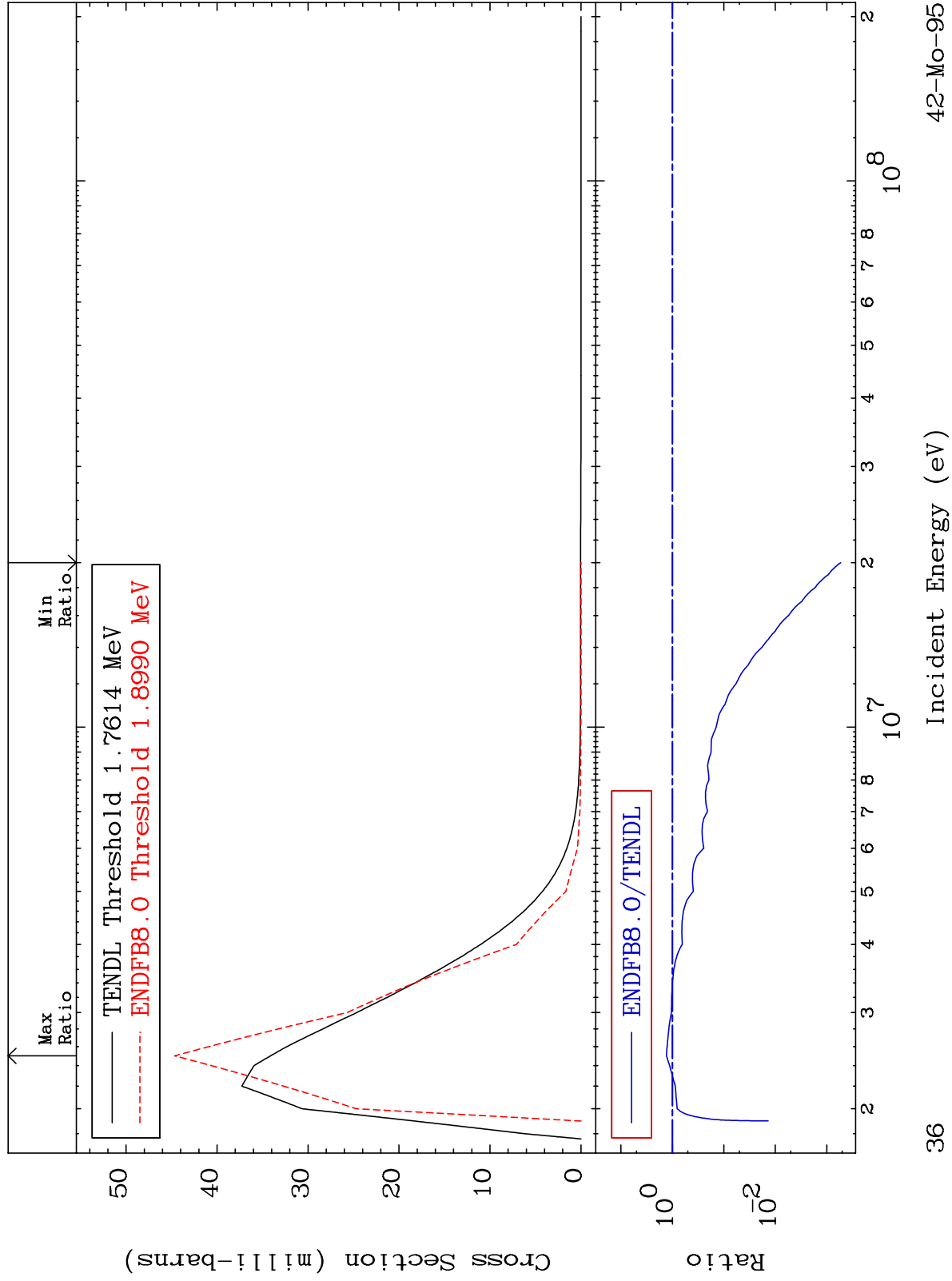
Incident Energy (eV)

42-Mo-95

MAT 4234

MT= 77 (n,n') Level
Cross Section

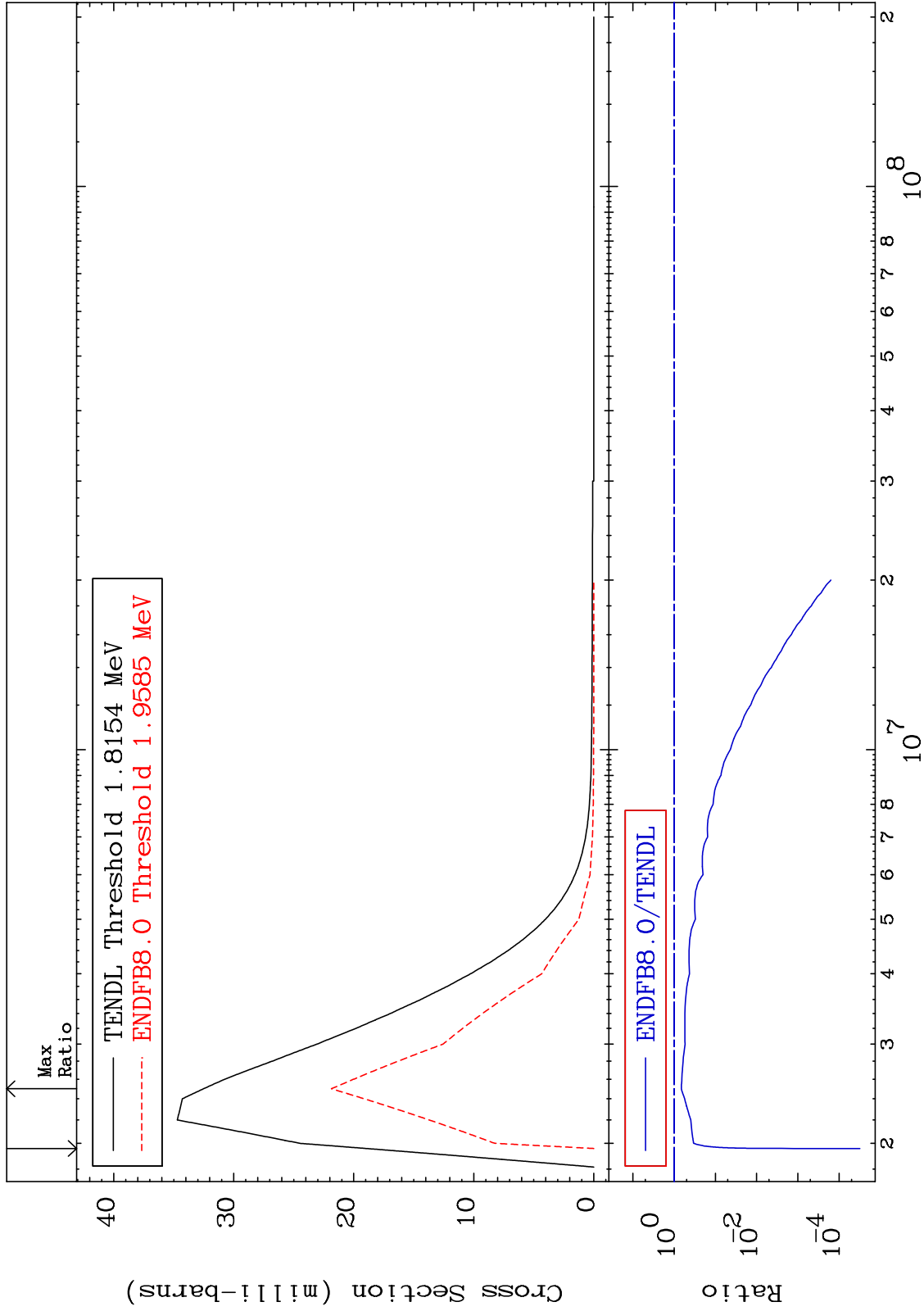
42-Mo-95
-99.95 To 30.88 %



MAT 4234

MT= 78 (n,n') Level
Cross Section

42-Mo-95
-100.0 To -32.77%



37

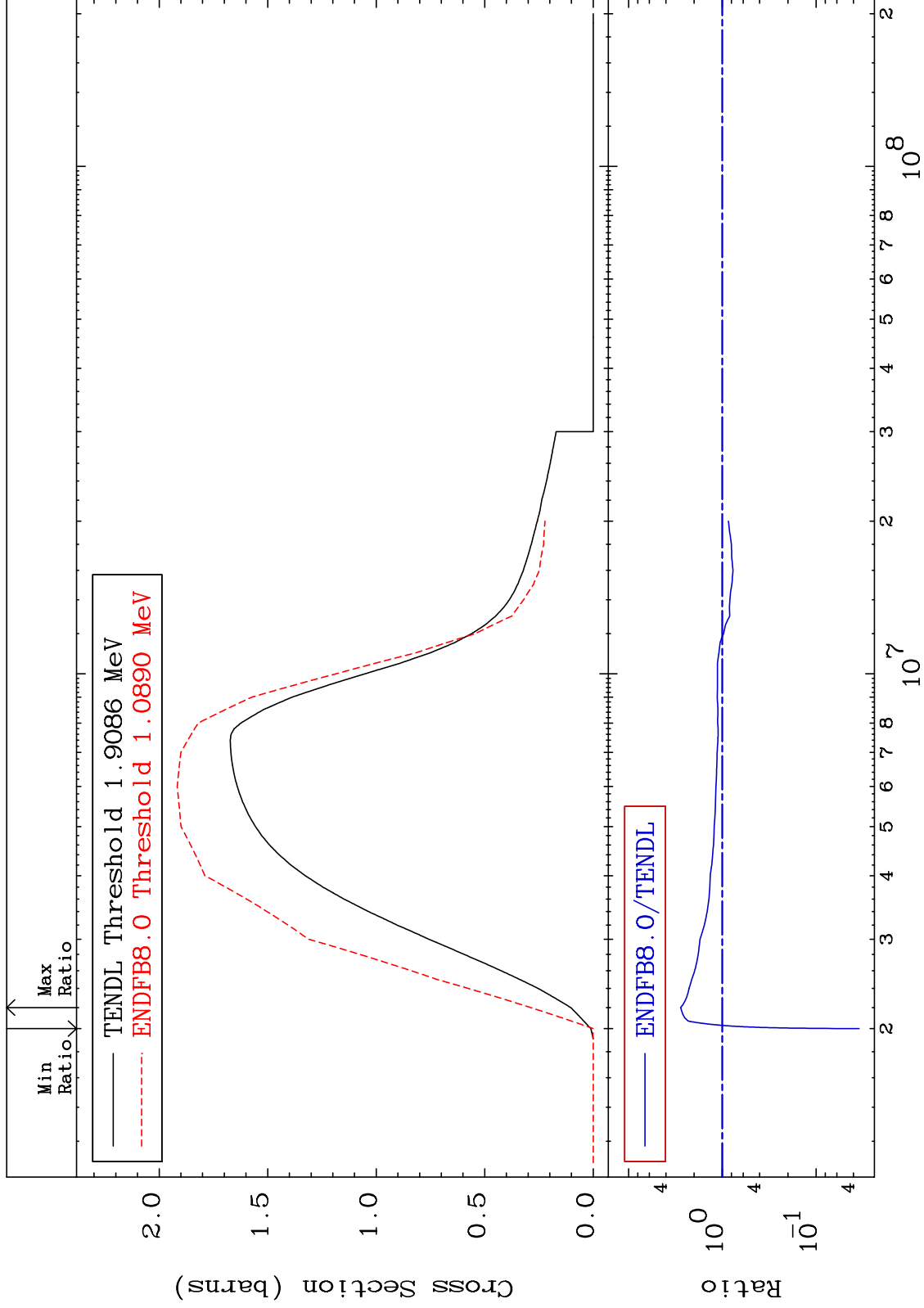
Incident Energy (eV)

42-Mo-95

MAT 4234

(n, n') Continuum
Cross Section

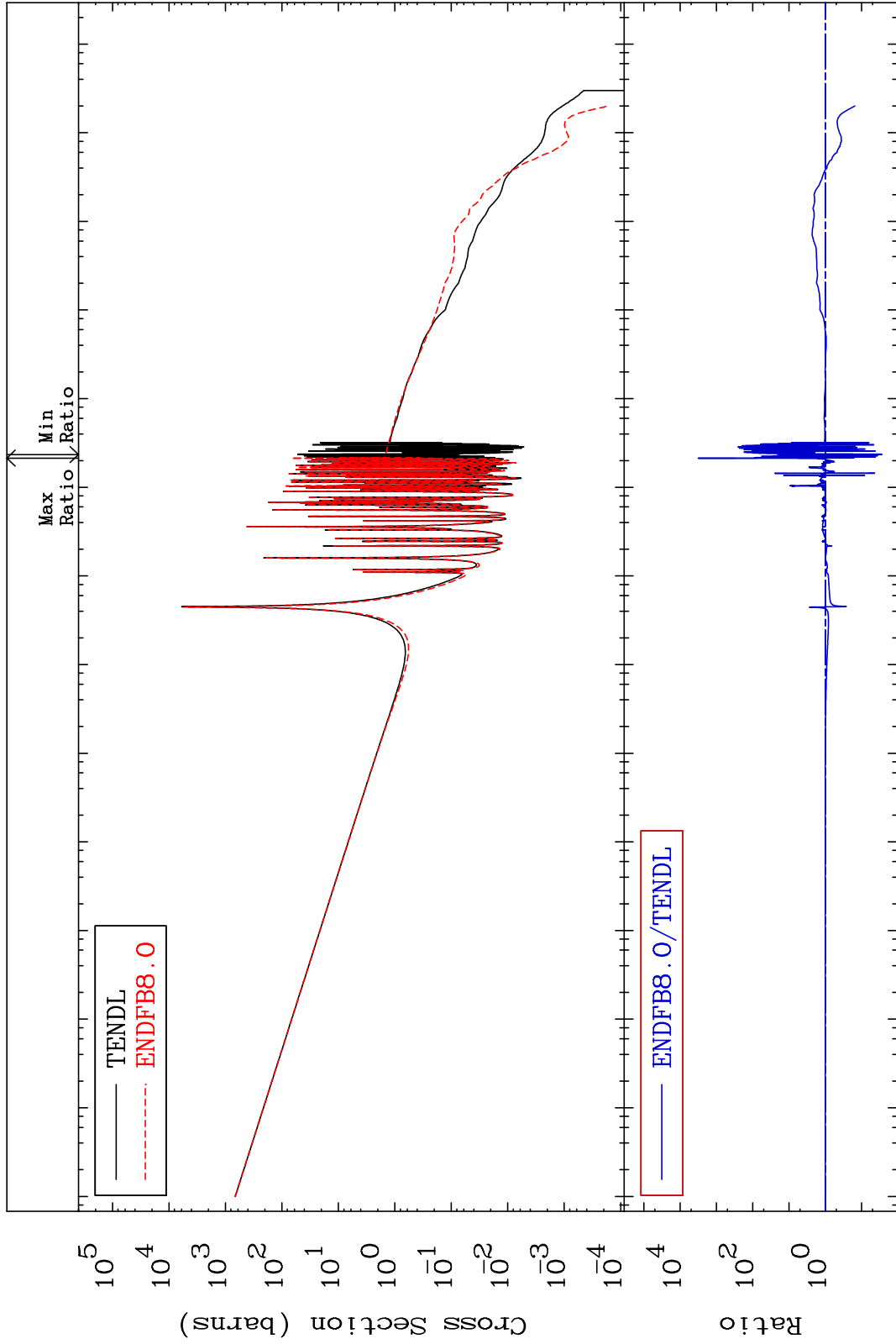
42-Mo-95
-96.53 To 178.7 %



MAT 4234

(n, γ)
Cross Section

42-Mo-95
-97.19 To 9999. %



Incident Energy (eV)

42-Mo-95

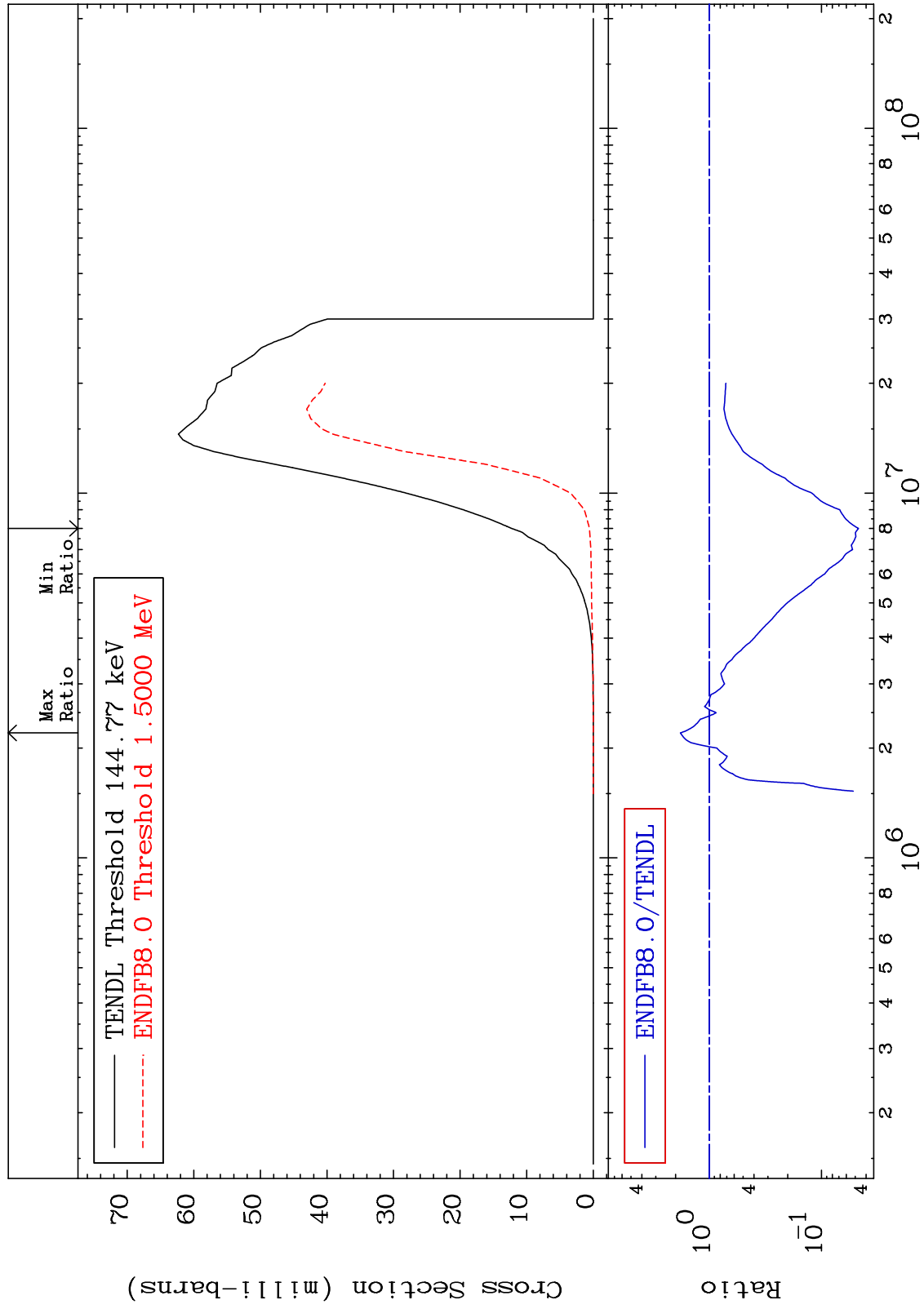
MAT 4234

(n, p)

42-Mo-95

Cross Section

-95.32 To 80.86 %



40

Incident Energy (eV)

42-Mo-95

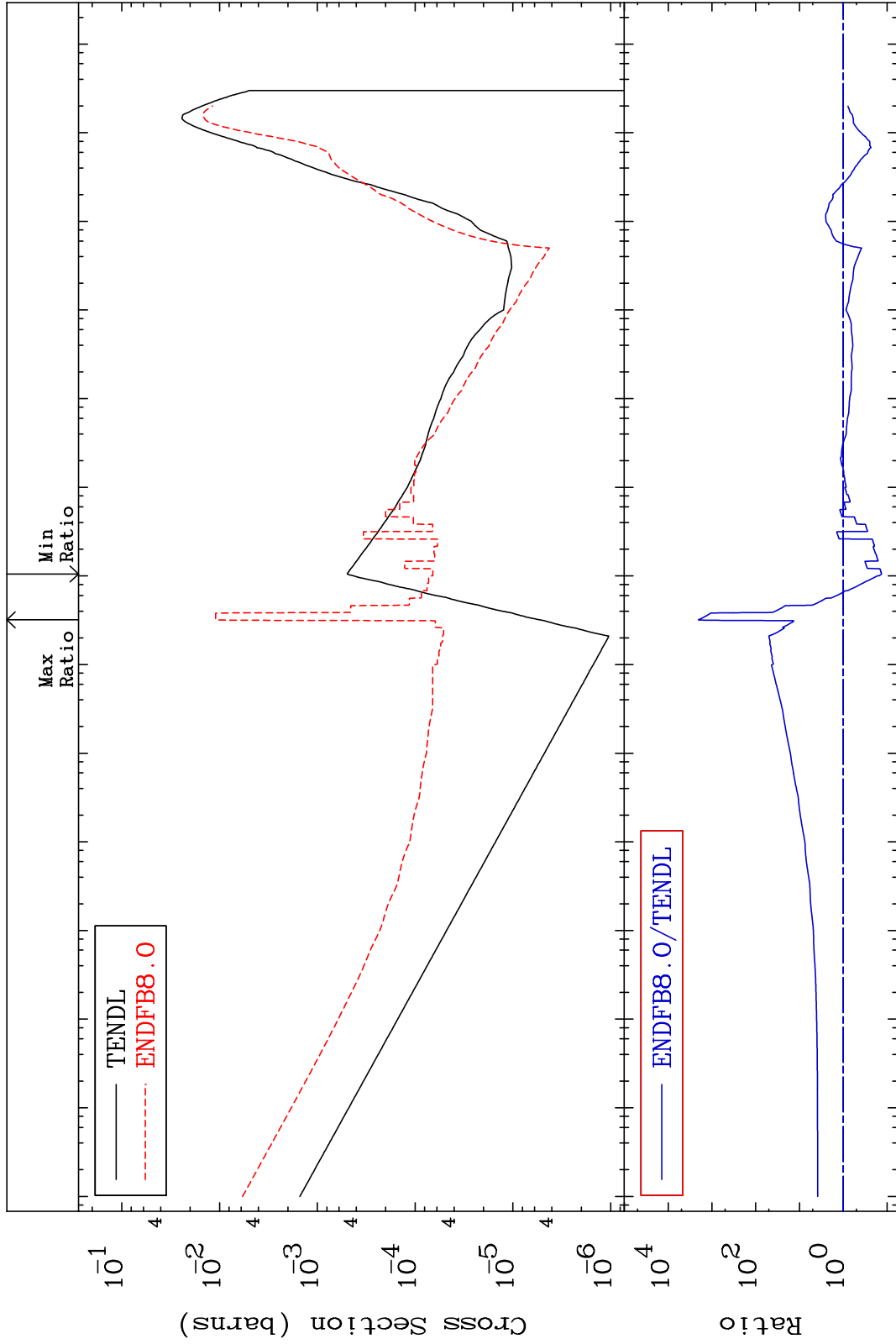
MAT 4234

(n, α)

42-Mo-95

Cross Section

-86.67 To 9999. %



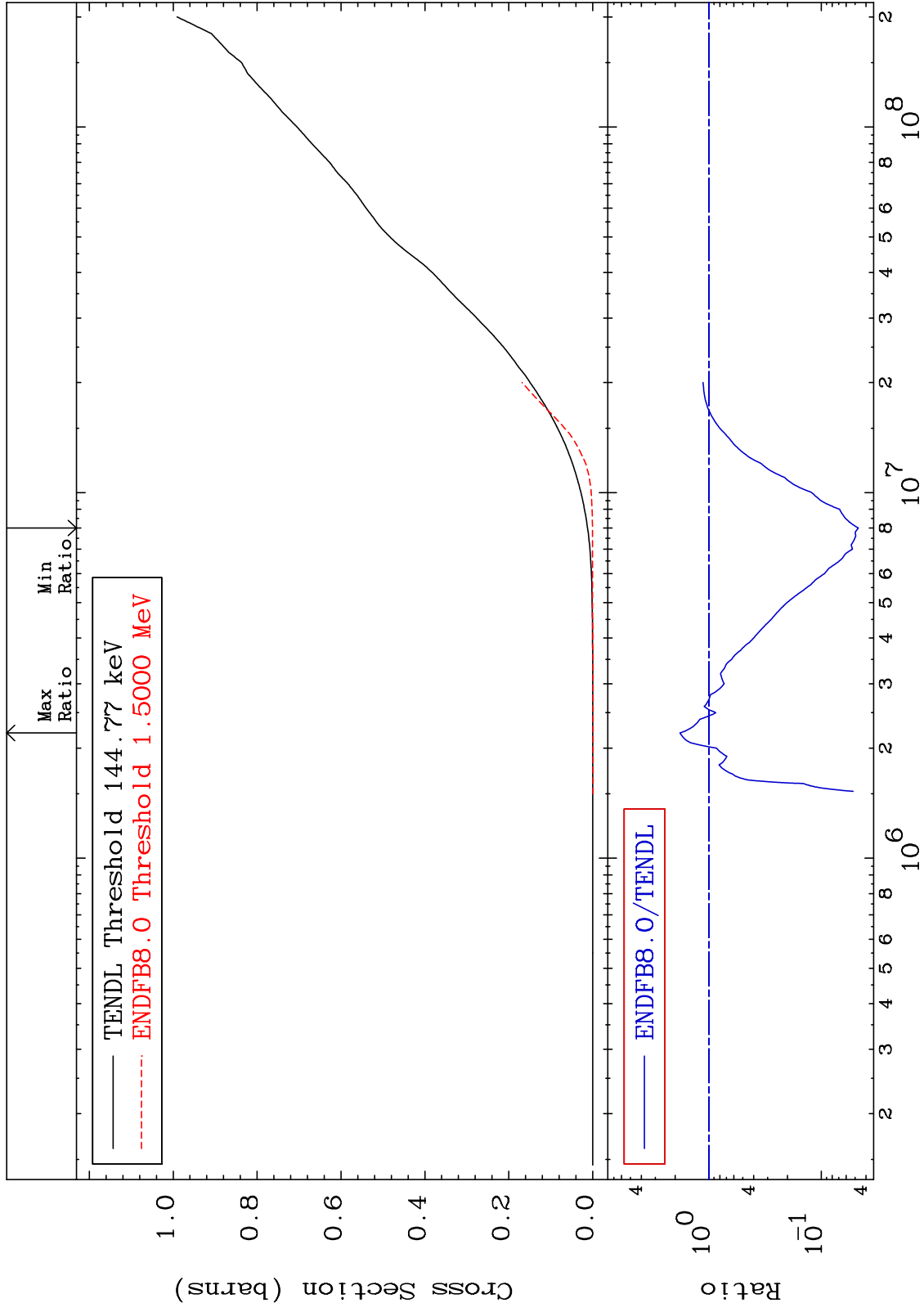
Incident Energy (eV)

42-Mo-95

MAT 4234

Hydrogen Production
Cross Section

42-Mo-95
-95.32 To 80.86 %



42

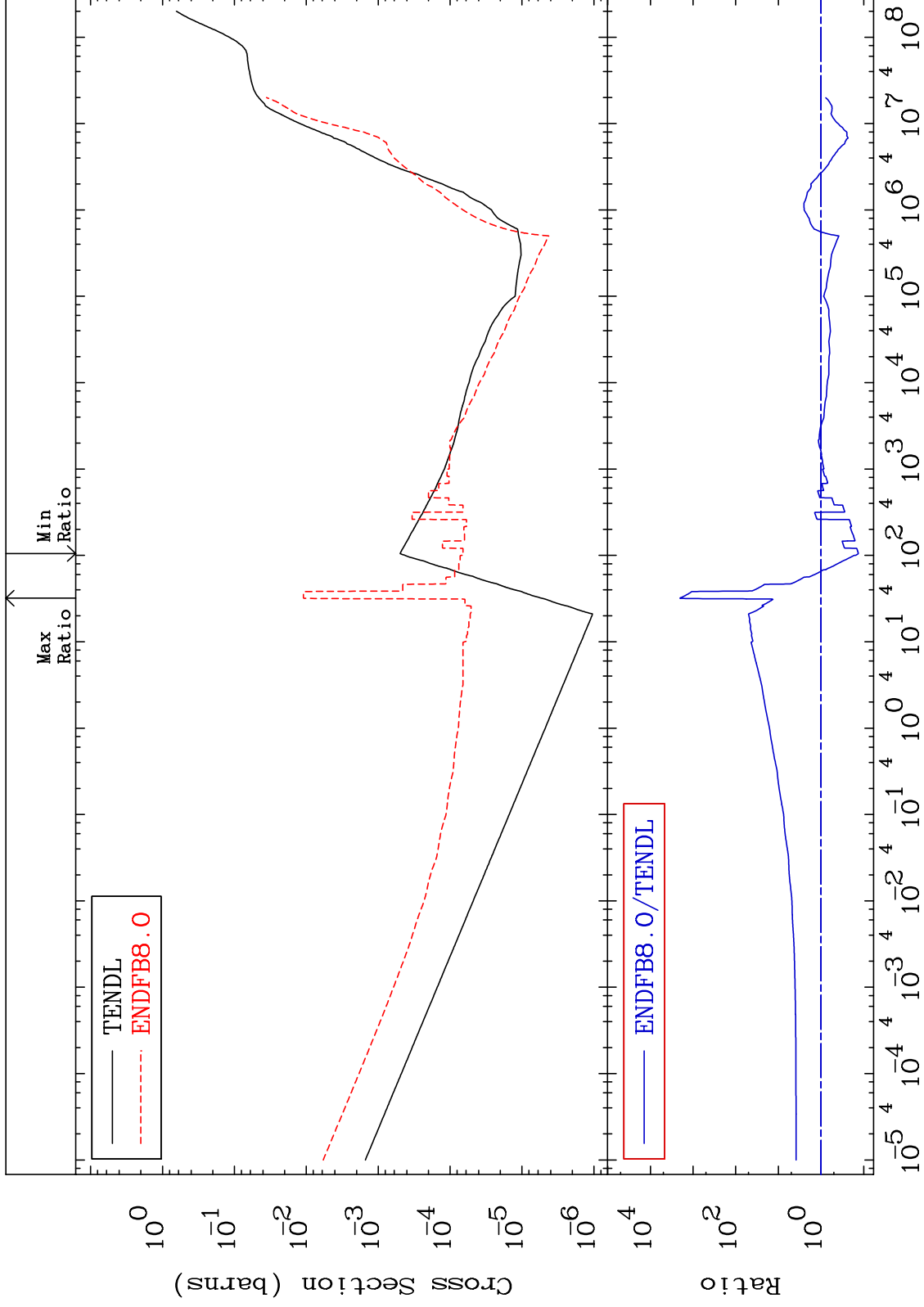
Incident Energy (eV)

42-Mo-95

MAT 4234

He-4 Production
Cross Section

42-Mo-95
-86.67 To 9999. %



43

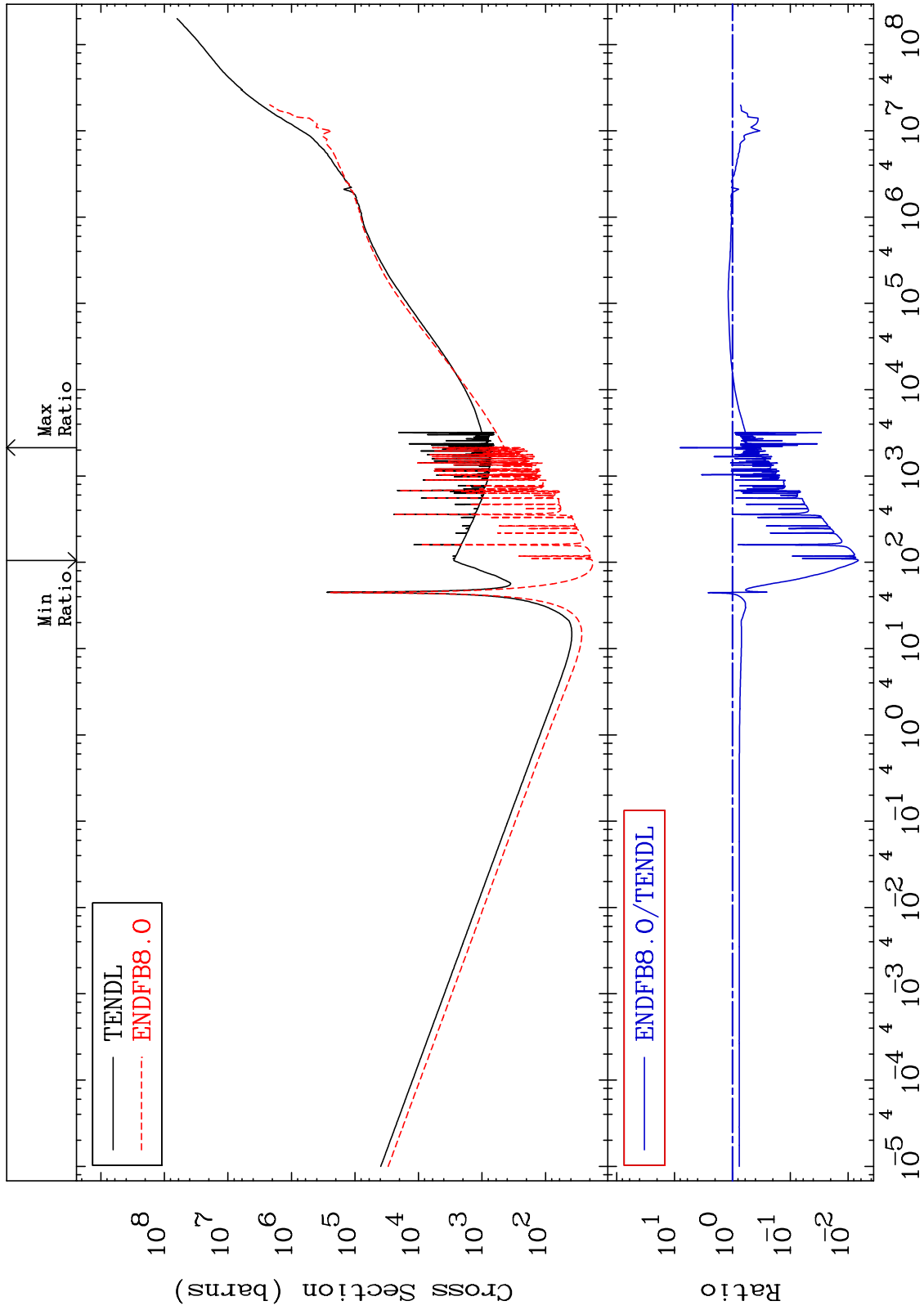
Incident Energy (eV)

42-Mo-95

MAT 4234

Kerma total (eV-barns)
Cross Section

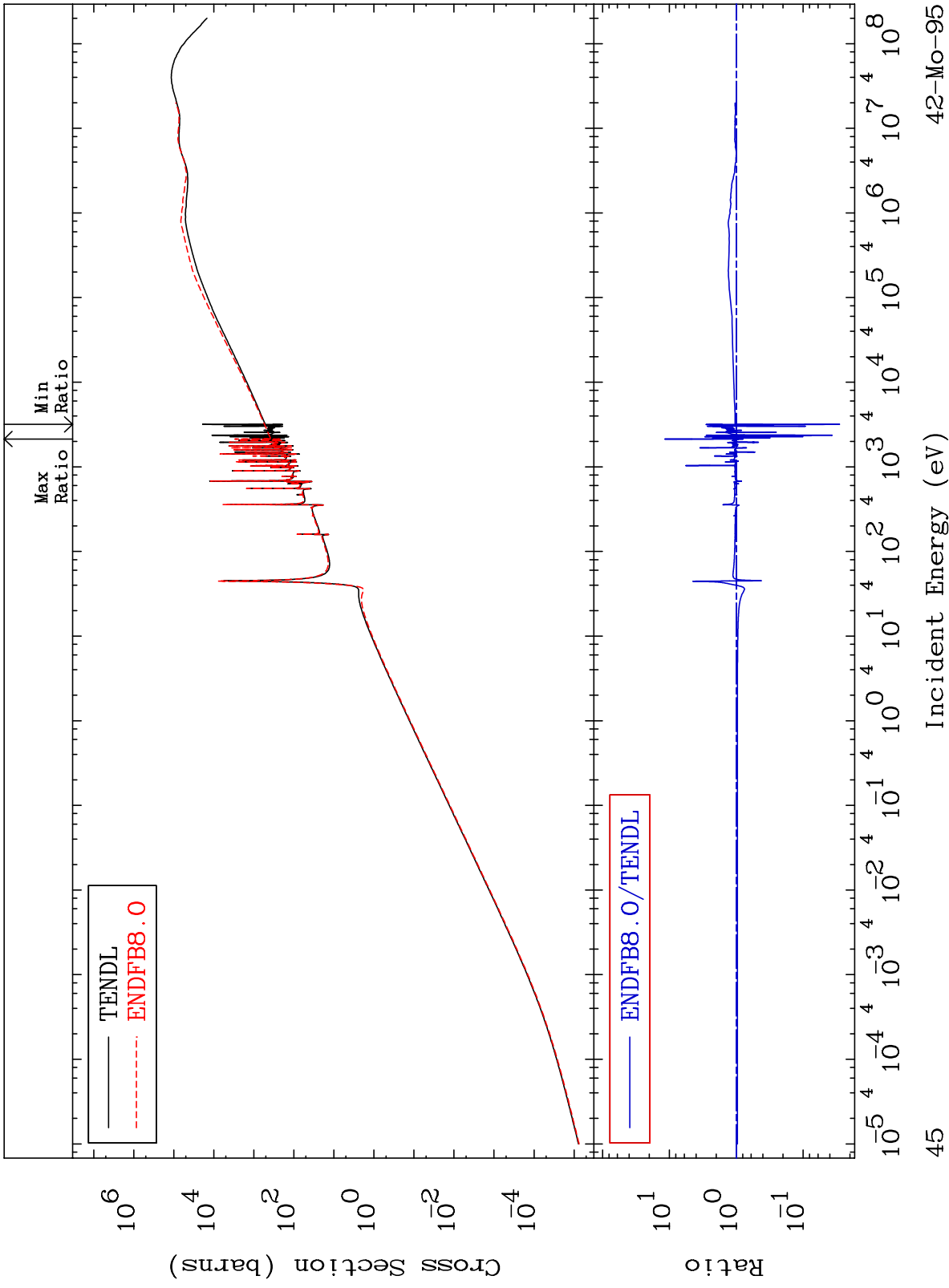
42-Mo-95
-99.34 To 704.3 %



MAT 4234

Kerma elastic
Cross Section

42-Mo-95
-97.16 To 1075. %



45

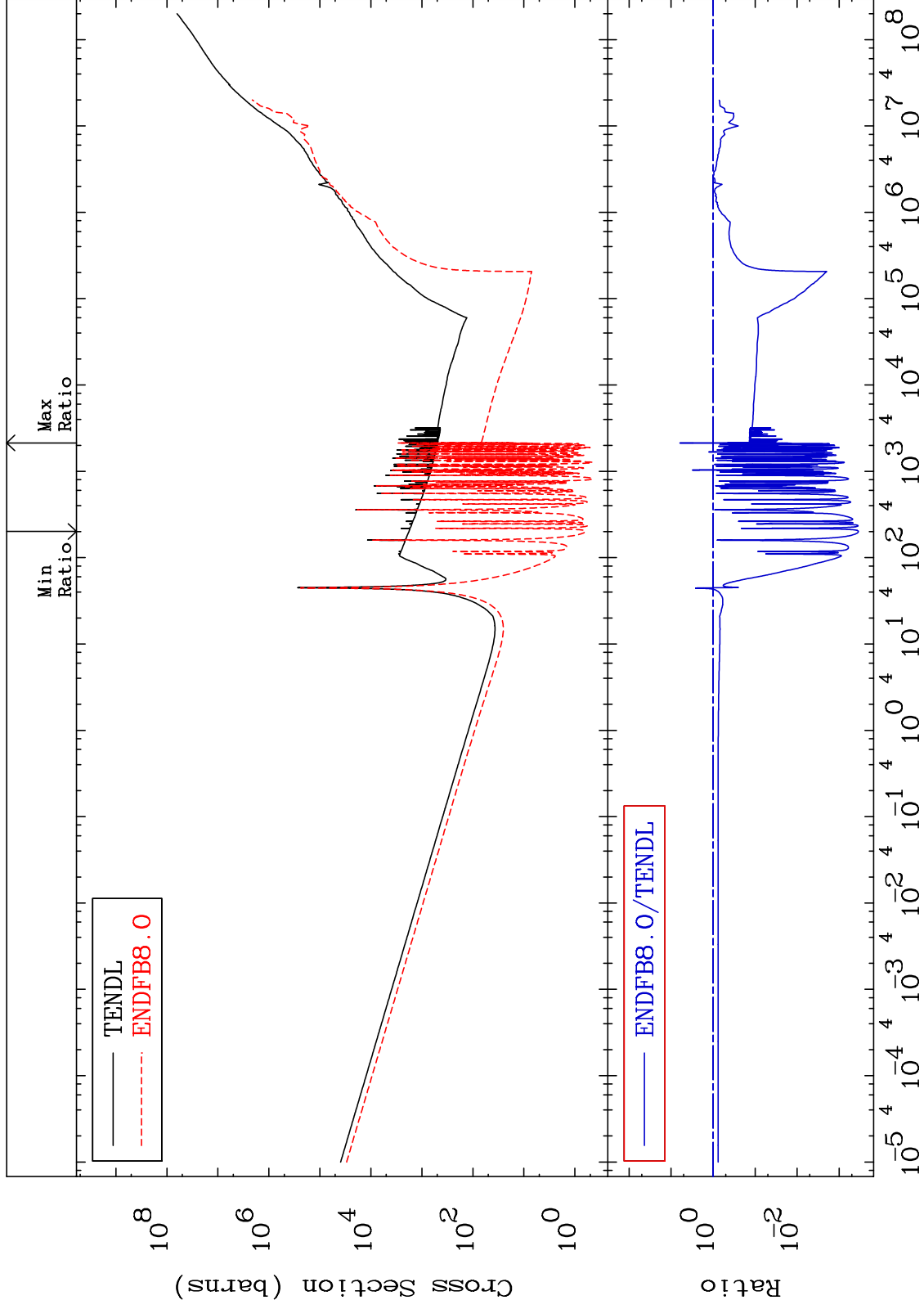
42-Mo-95

MAT 4234

Kerma non-elastic (all but mt2)
Cross Section

42-Mo-95

-99.97 To 513.2 %



46

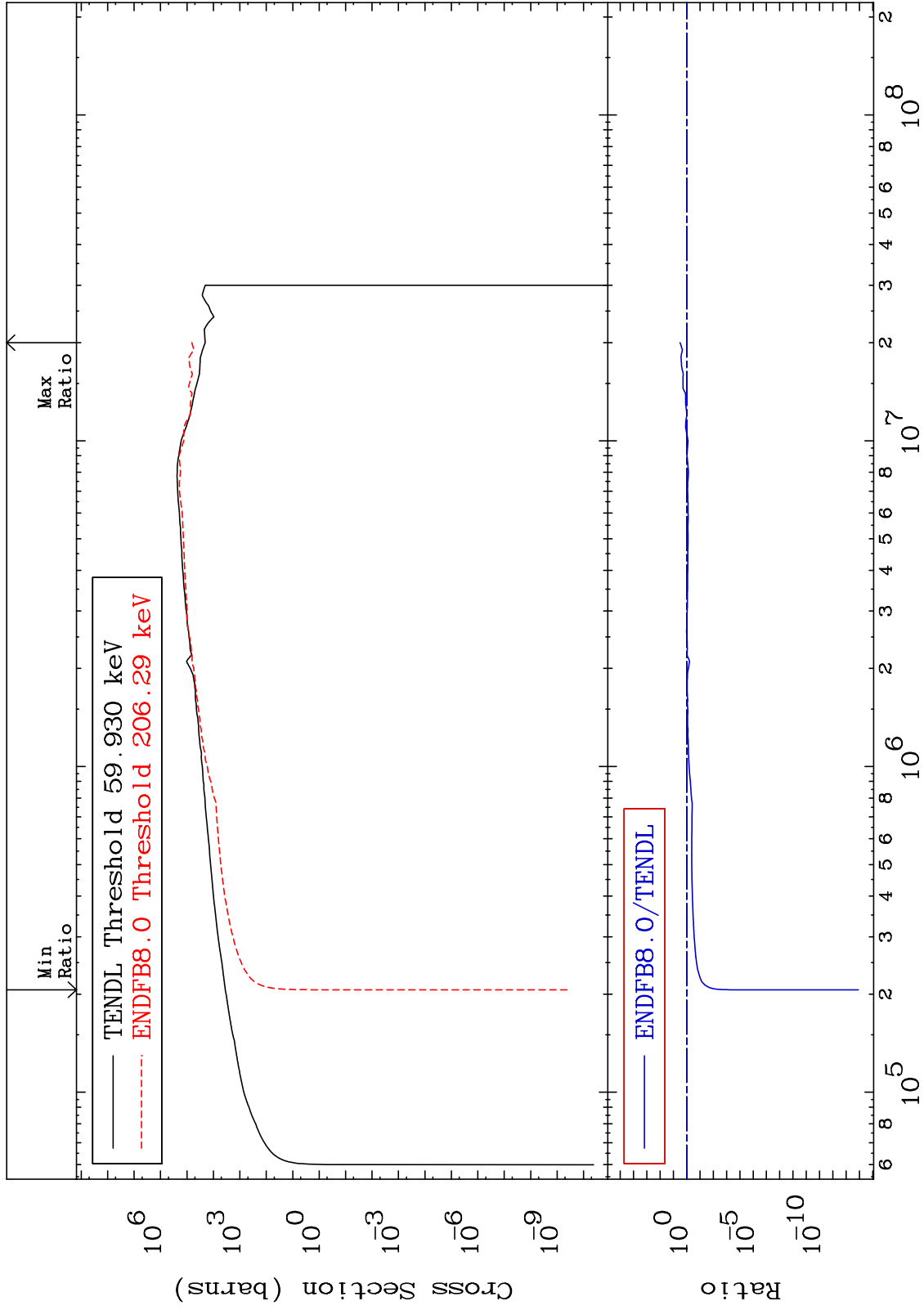
Incident Energy (eV)

42-Mo-95

MAT 4234

Kerma inelastic (mt51-91)
Cross Section

42-Mo-95
-100.0 To 218.7 %



47

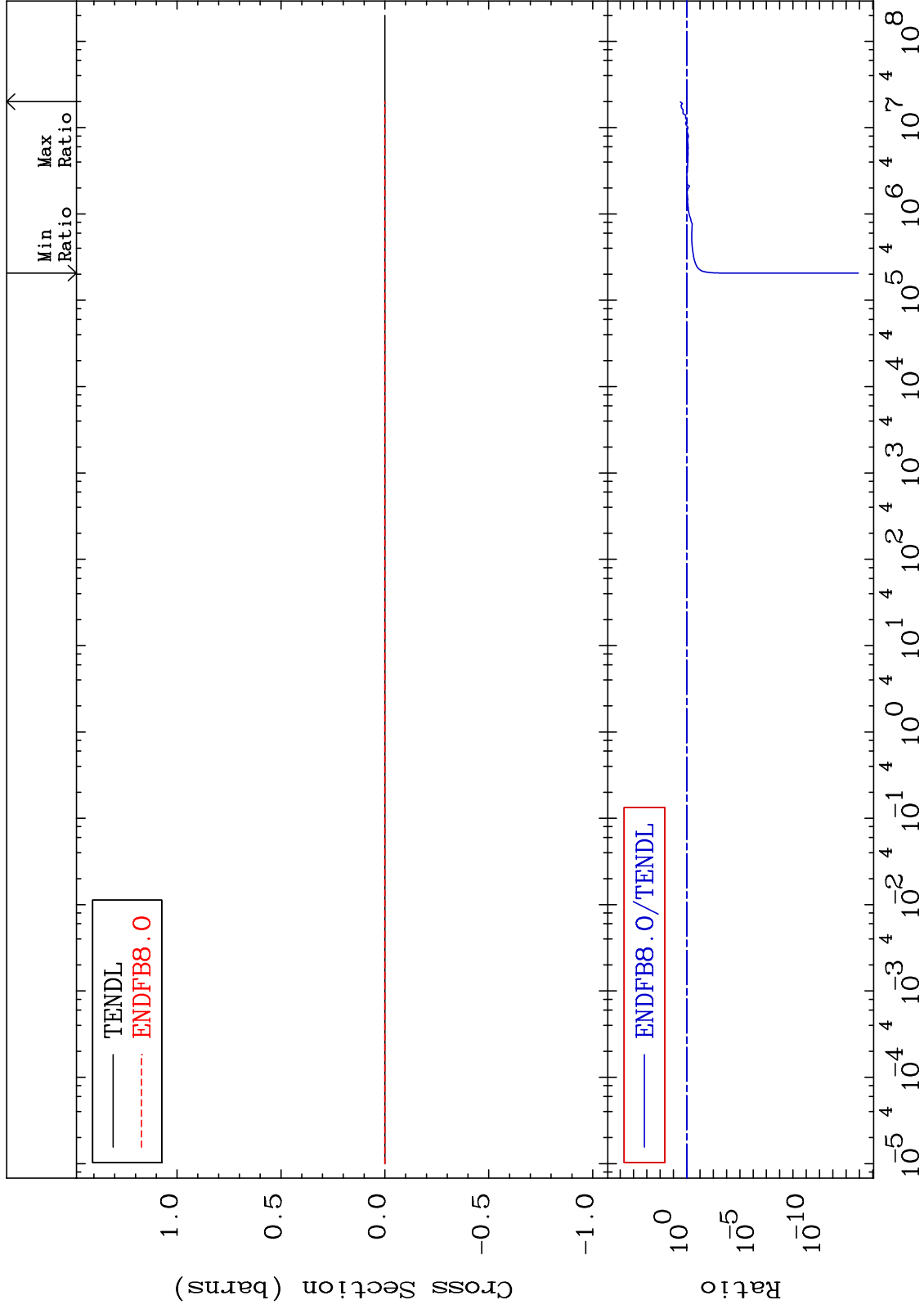
Incident Energy (eV)

42-Mo-95

MAT 4234

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

42-Mo-95
-100.0 To 218.7 %



48

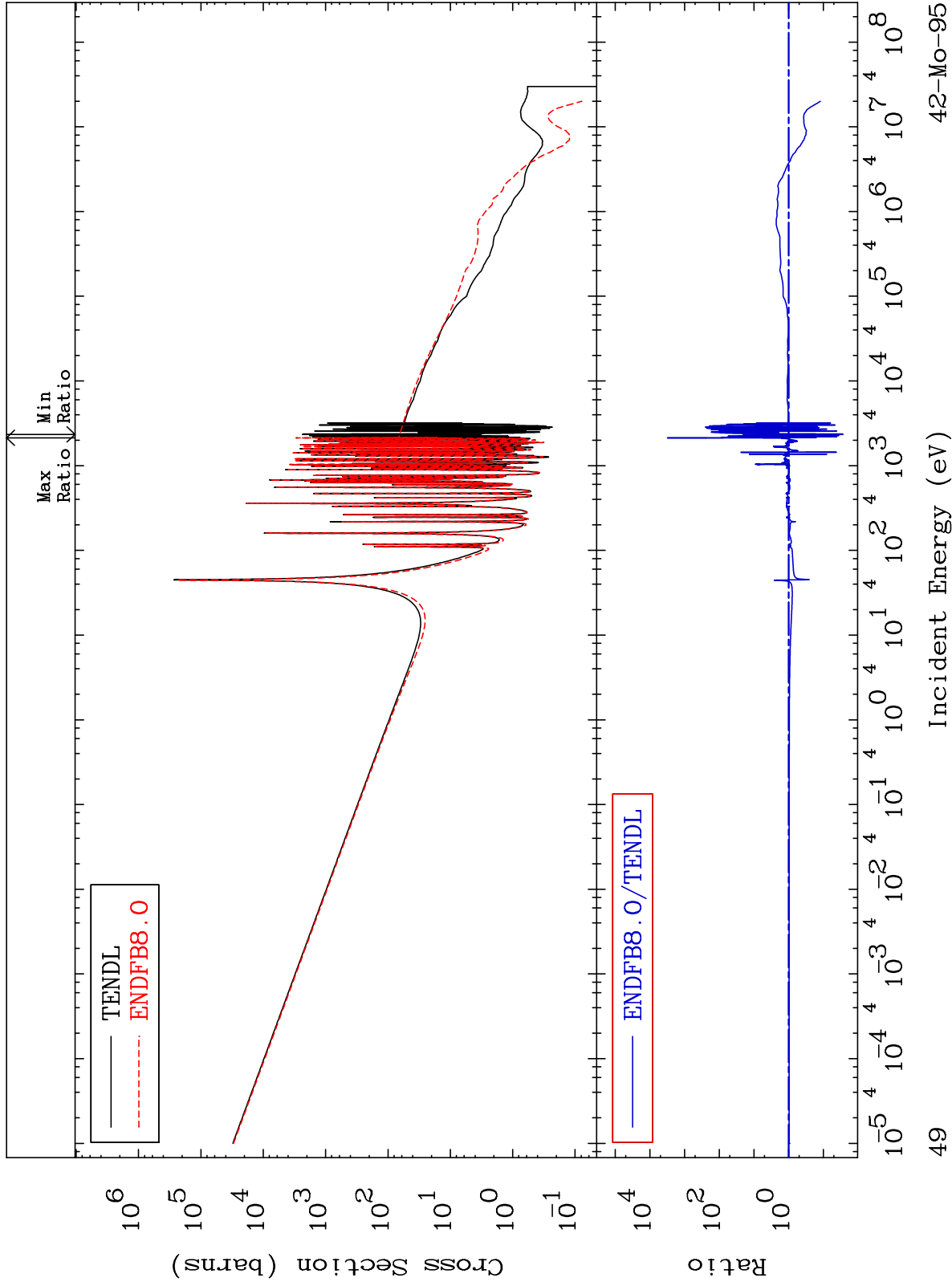
Incident Energy (eV)

42-Mo-95

MAT 4234

Kerma capture (mt102)
Cross Section

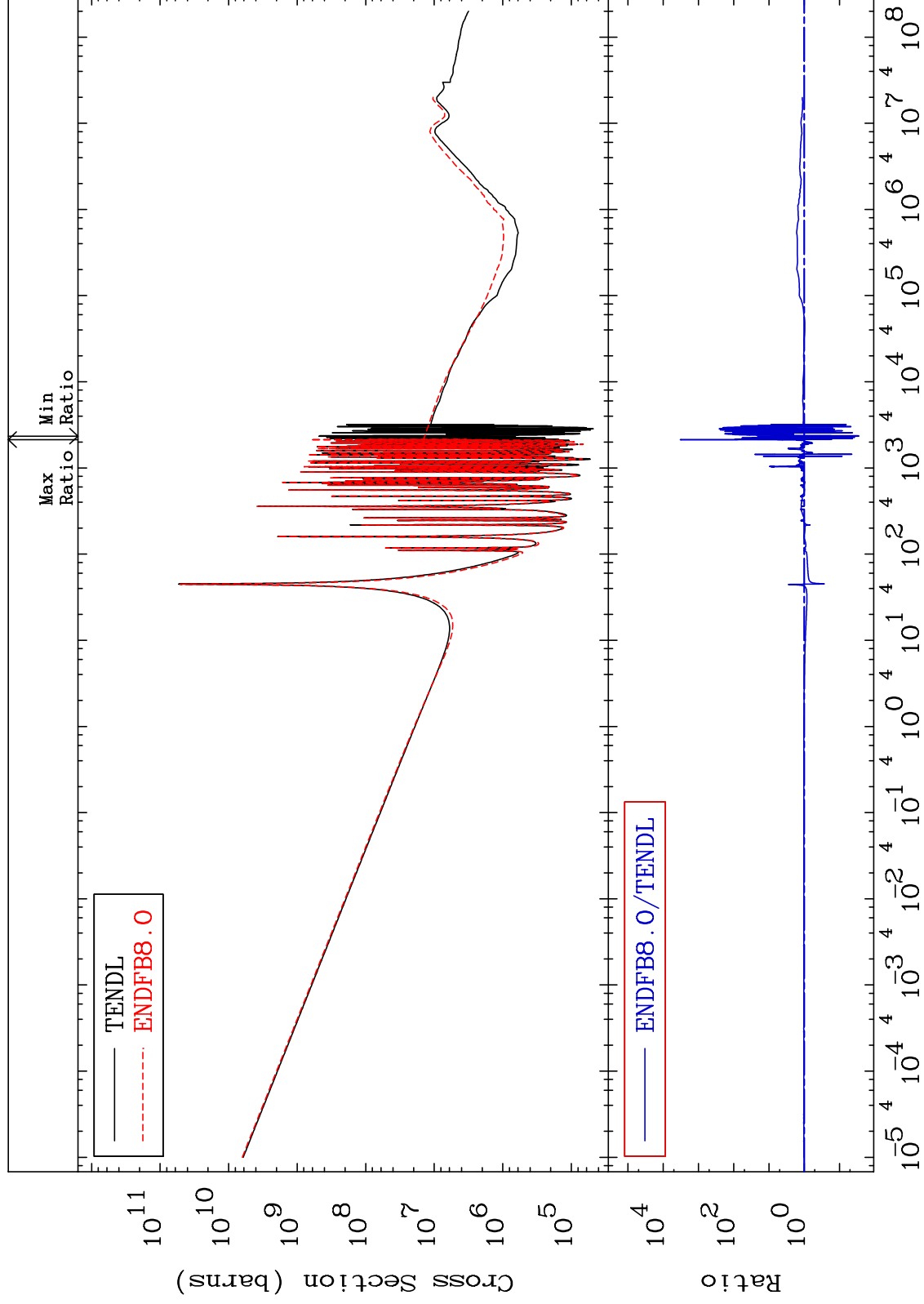
42-Mo-95
-97.22 To 9999. %



MAT 4234

Total photon (eV-barns)
Cross Section

42-Mo-95
-97.12 To 9999. %



50

Incident Energy (eV)

42-Mo-95

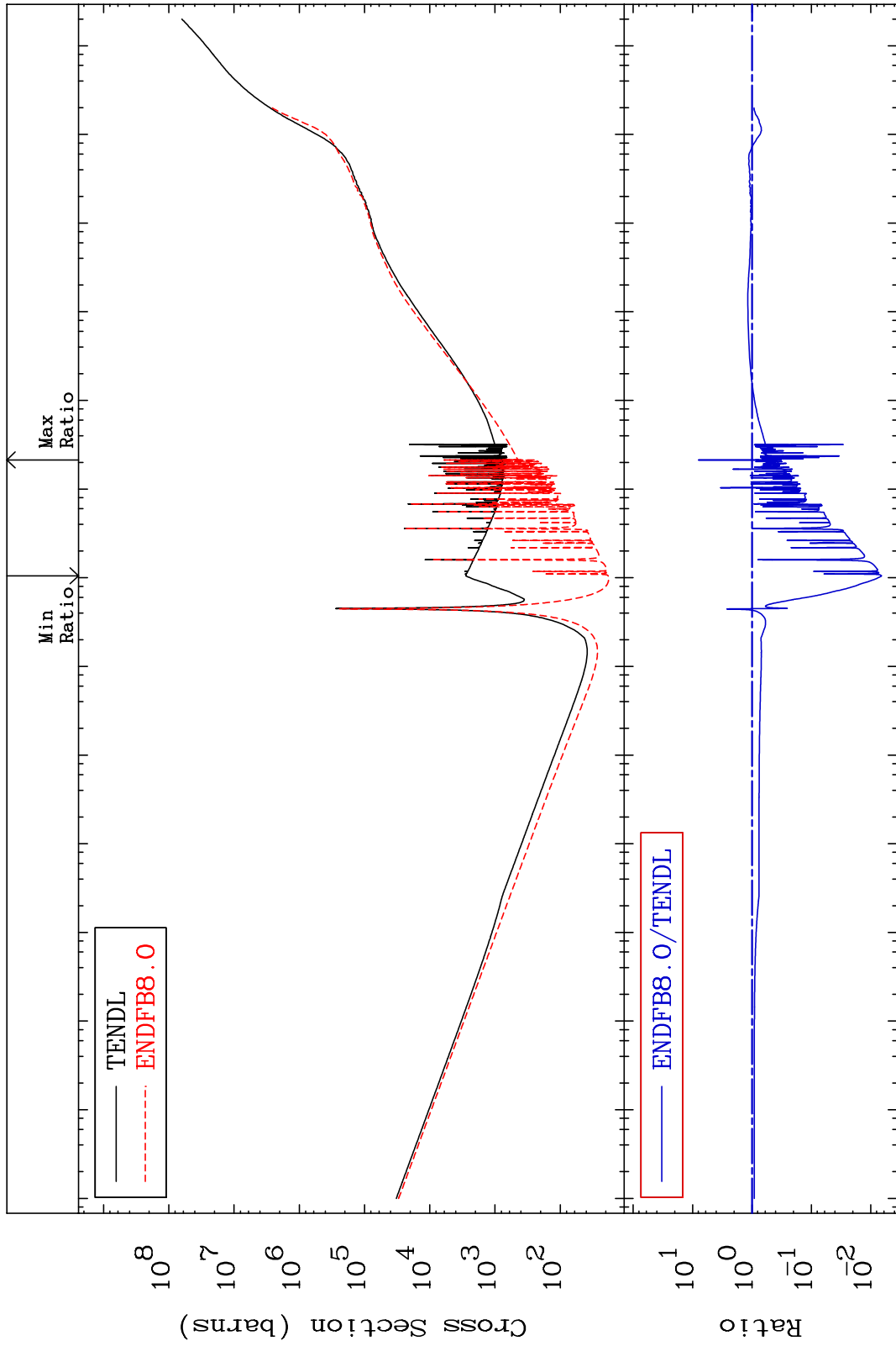
MAT 4234

Total kinematic kerma (high limit)

42-Mo-95

-99.34 To 699.4 %

Cross Section



51

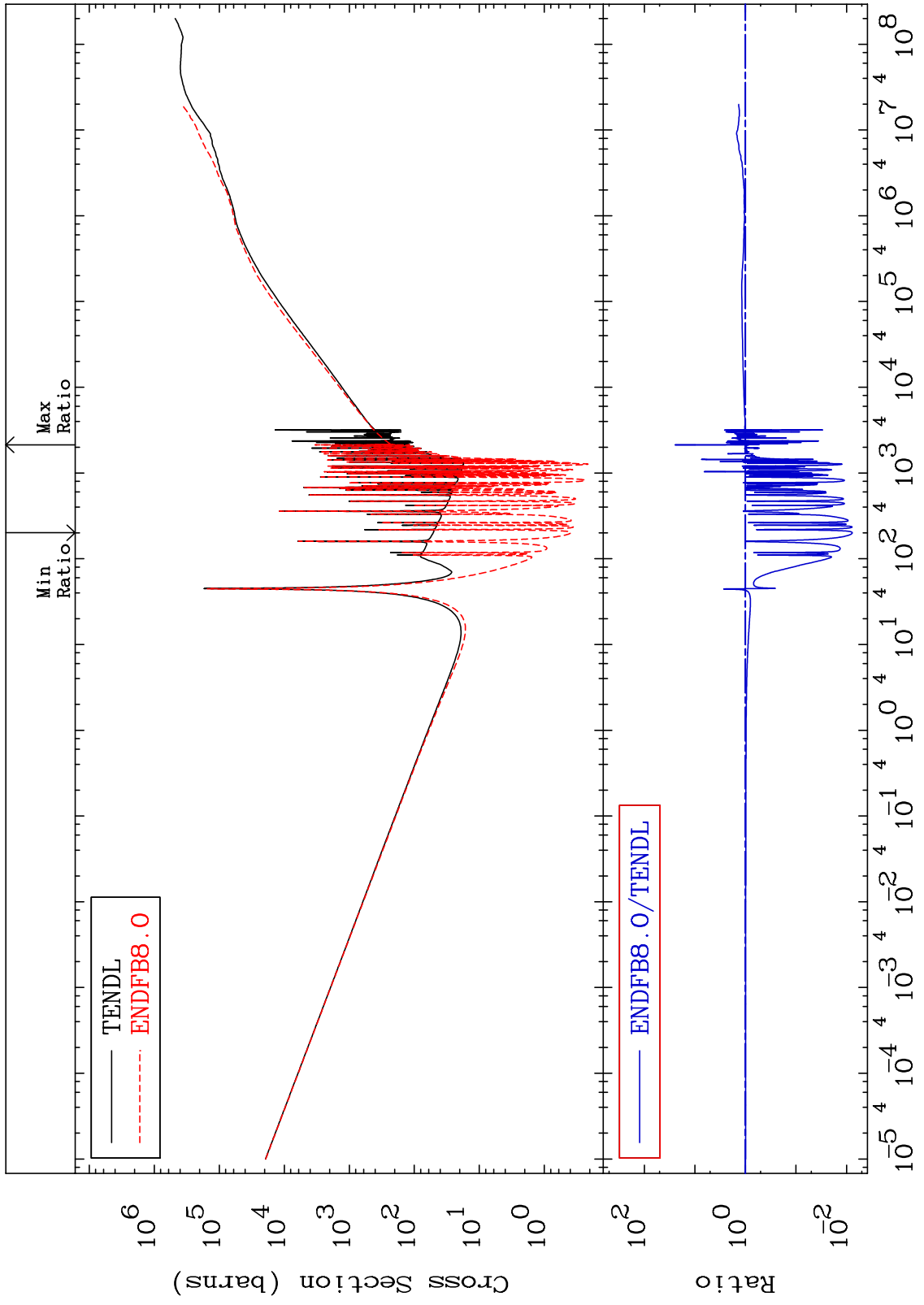
Incident Energy (eV)

42-Mo-95

MAT 4234

Dpa total (eV-barns)
Cross Section

42-Mo-95
-99.23 To 2368. %



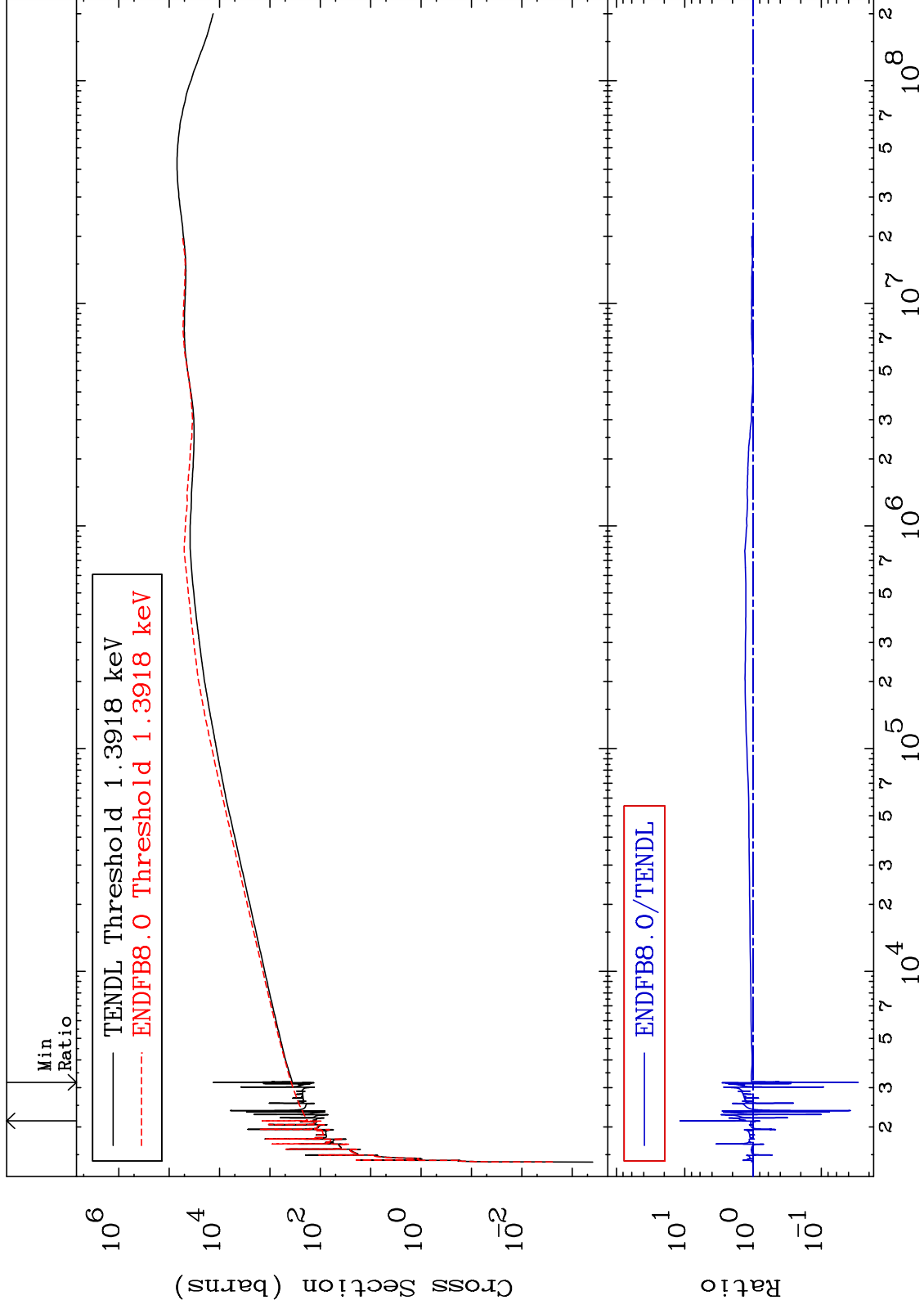
52

42-Mo-95

MAT 4234

Dpa elastic (mt2)
Cross Section

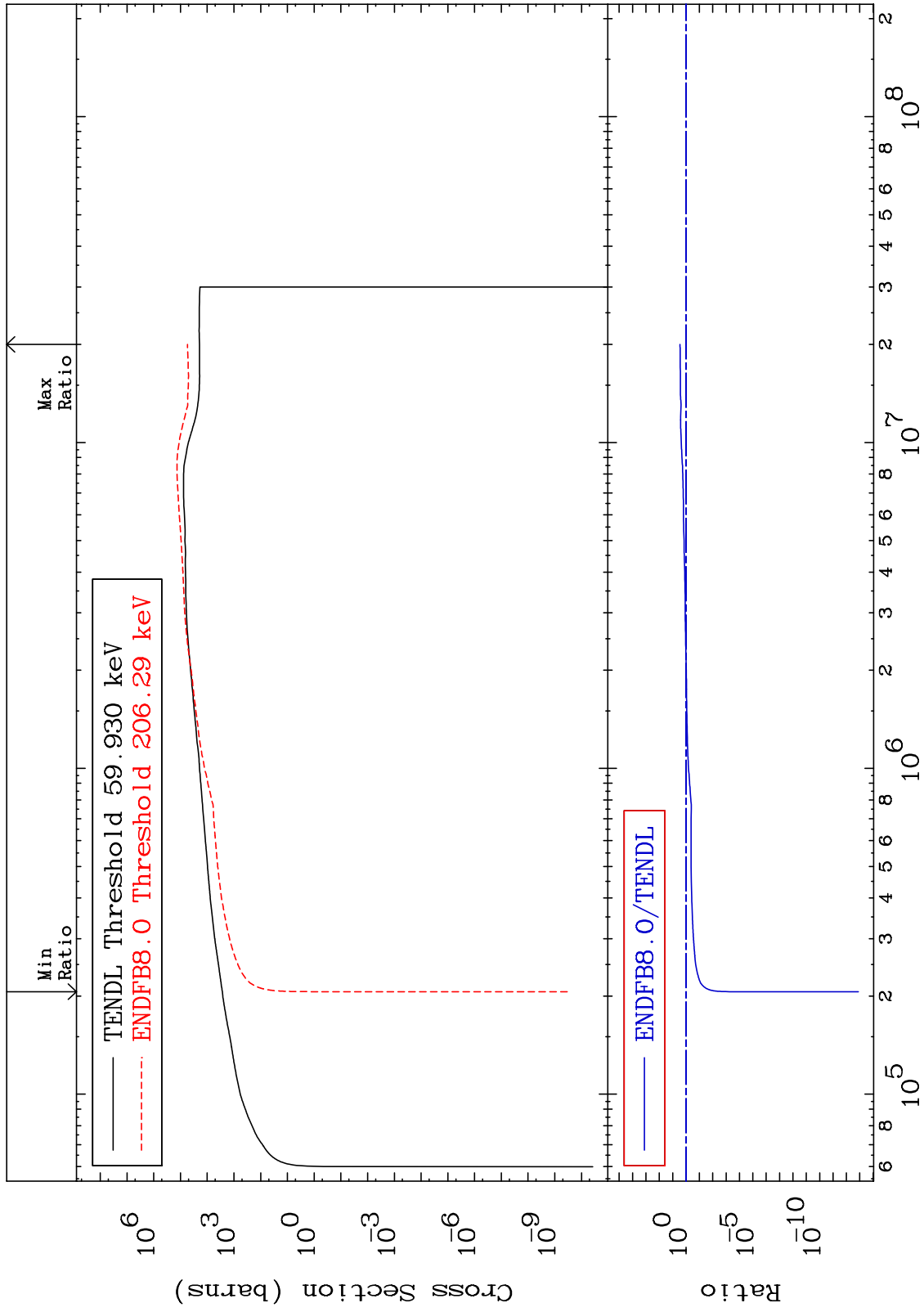
42-Mo-95
-97.13 To 1075. %



MAT 4234

Dpa inelastic (mt51-91)
Cross Section

42-Mo-95
-100.0 To 181.3 %



54

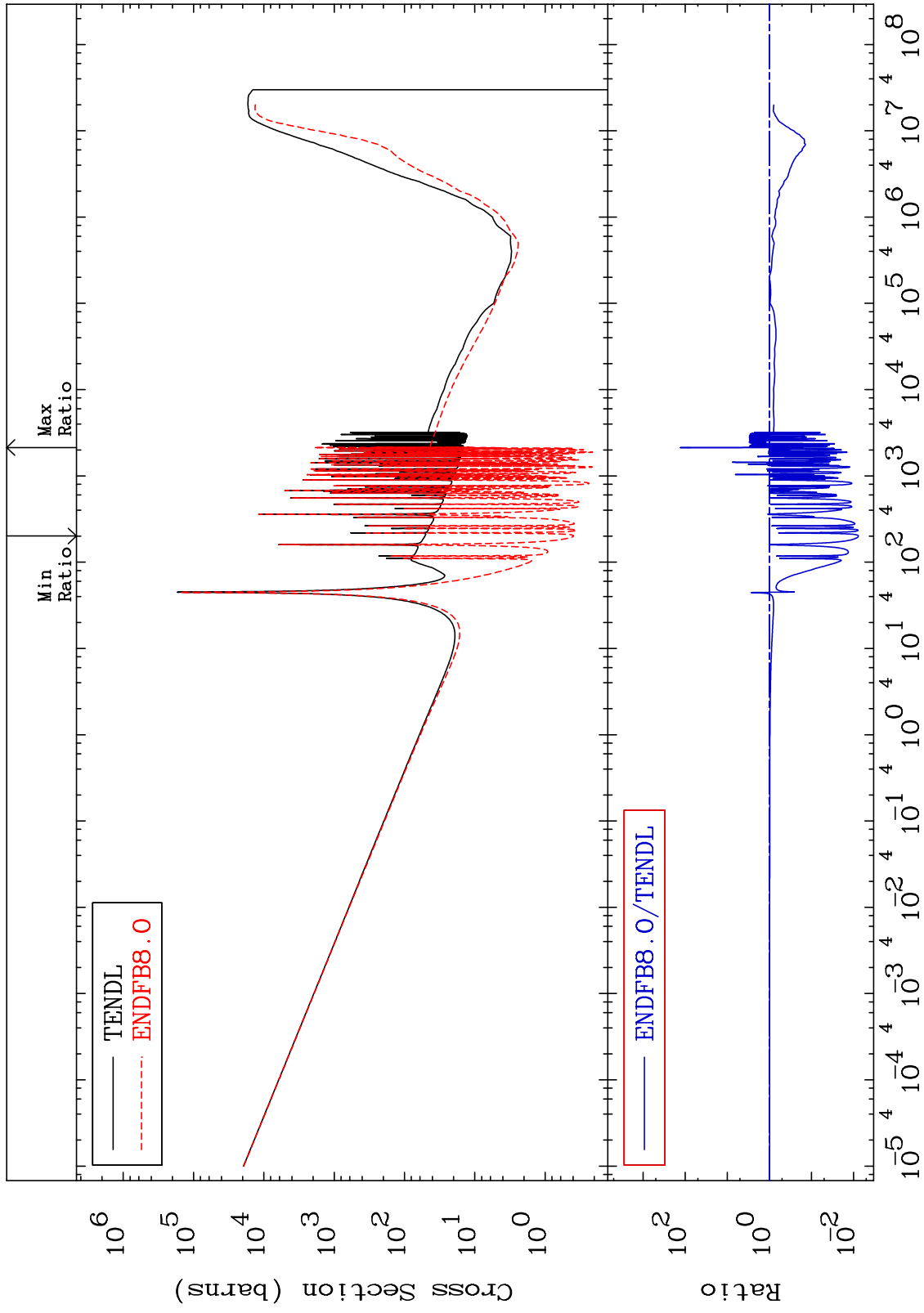
Incident Energy (eV)

42-Mo-95

MAT 4234

Dpa disappearance (mt102 -120)
Cross Section

42-Mo-95
-99.23 To 9999. %



55

Incident Energy (eV)

42-Mo-95