

Program Complot
(Version 2018-1)

by

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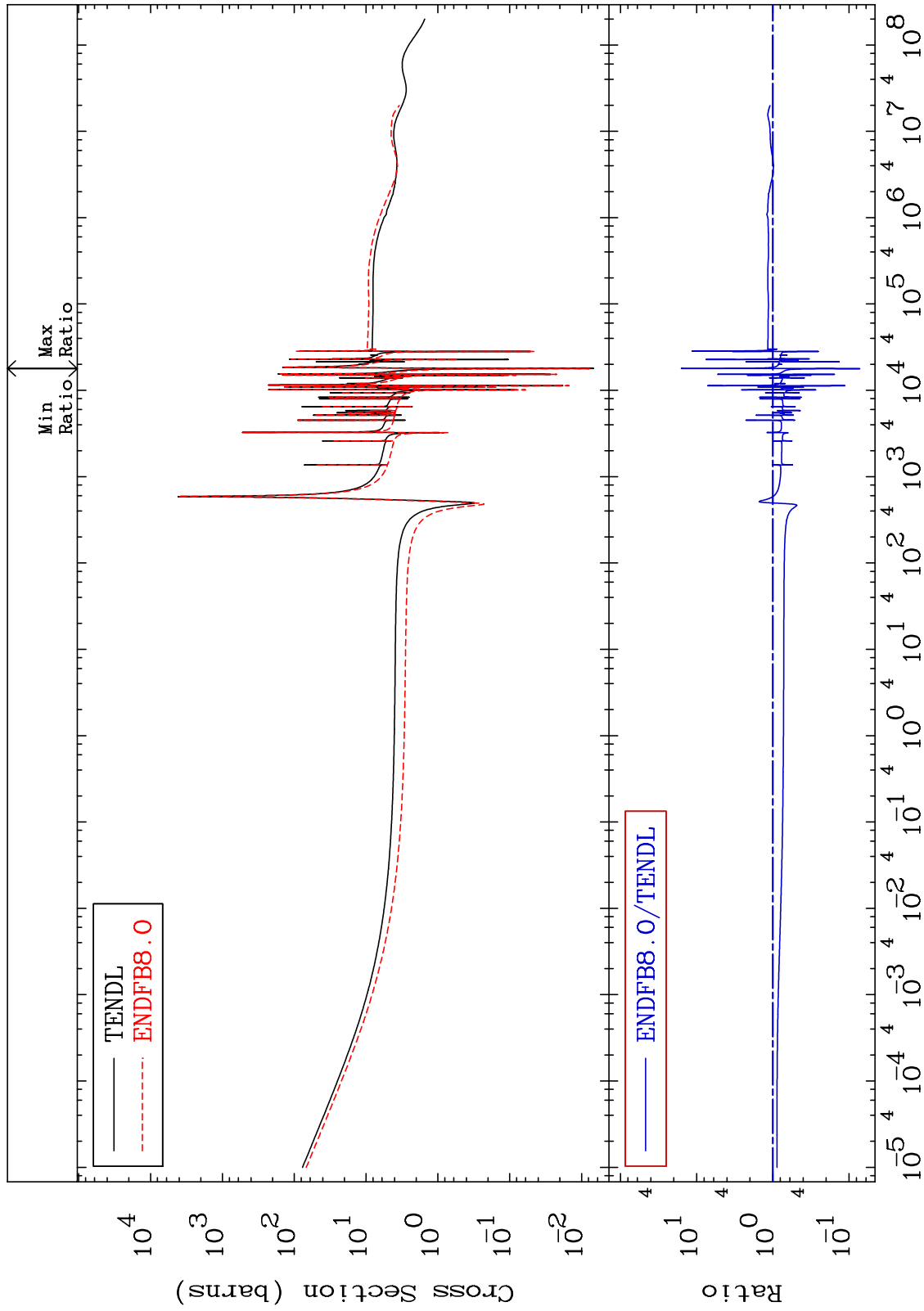
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3831

Total
Cross Section

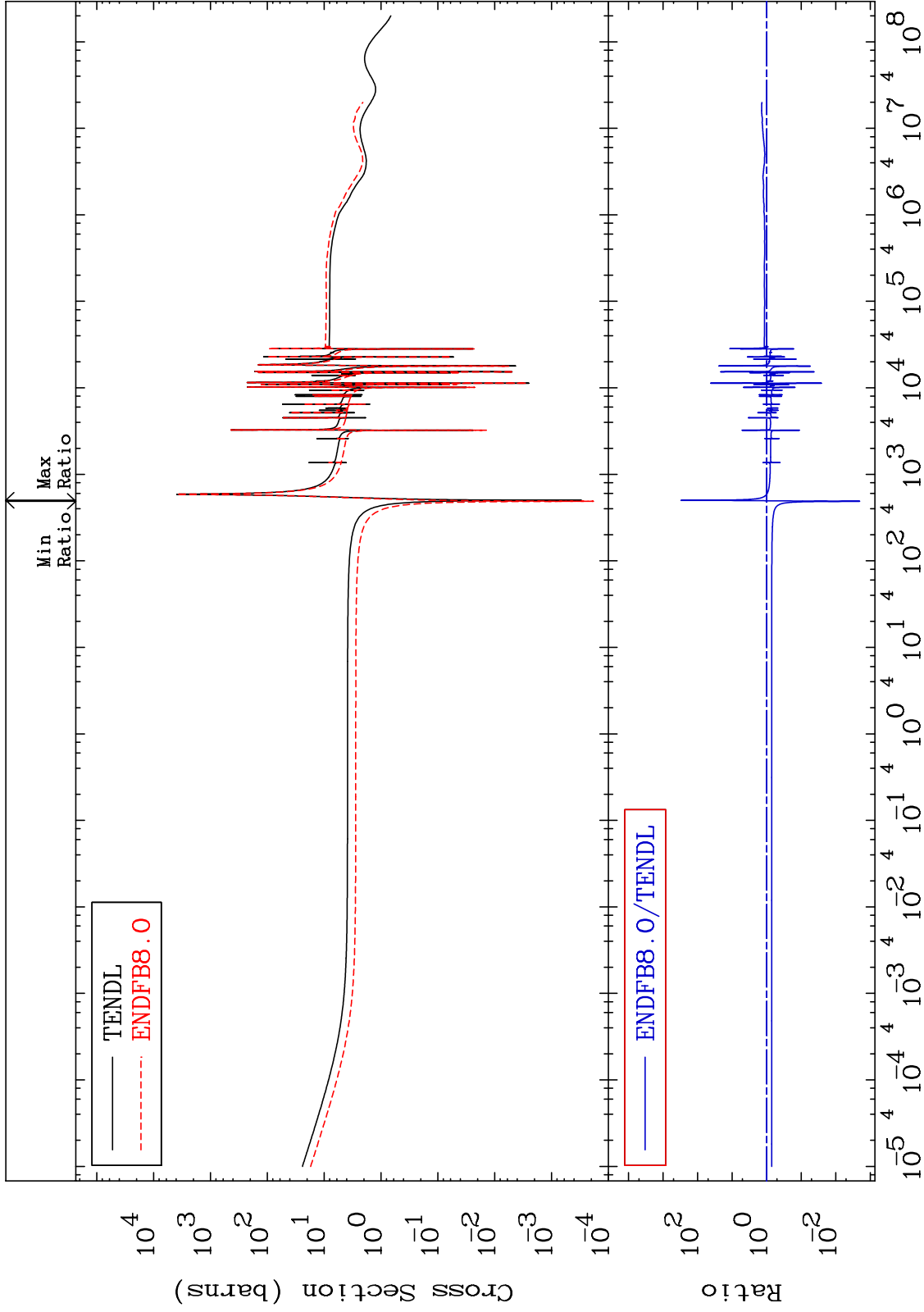
38-Sr-86
-92.75 To 1495. %



MAT 3831

Elastic
Cross Section

38-Sr-86
-99.80 To 9999. %



2

Incident Energy (eV)

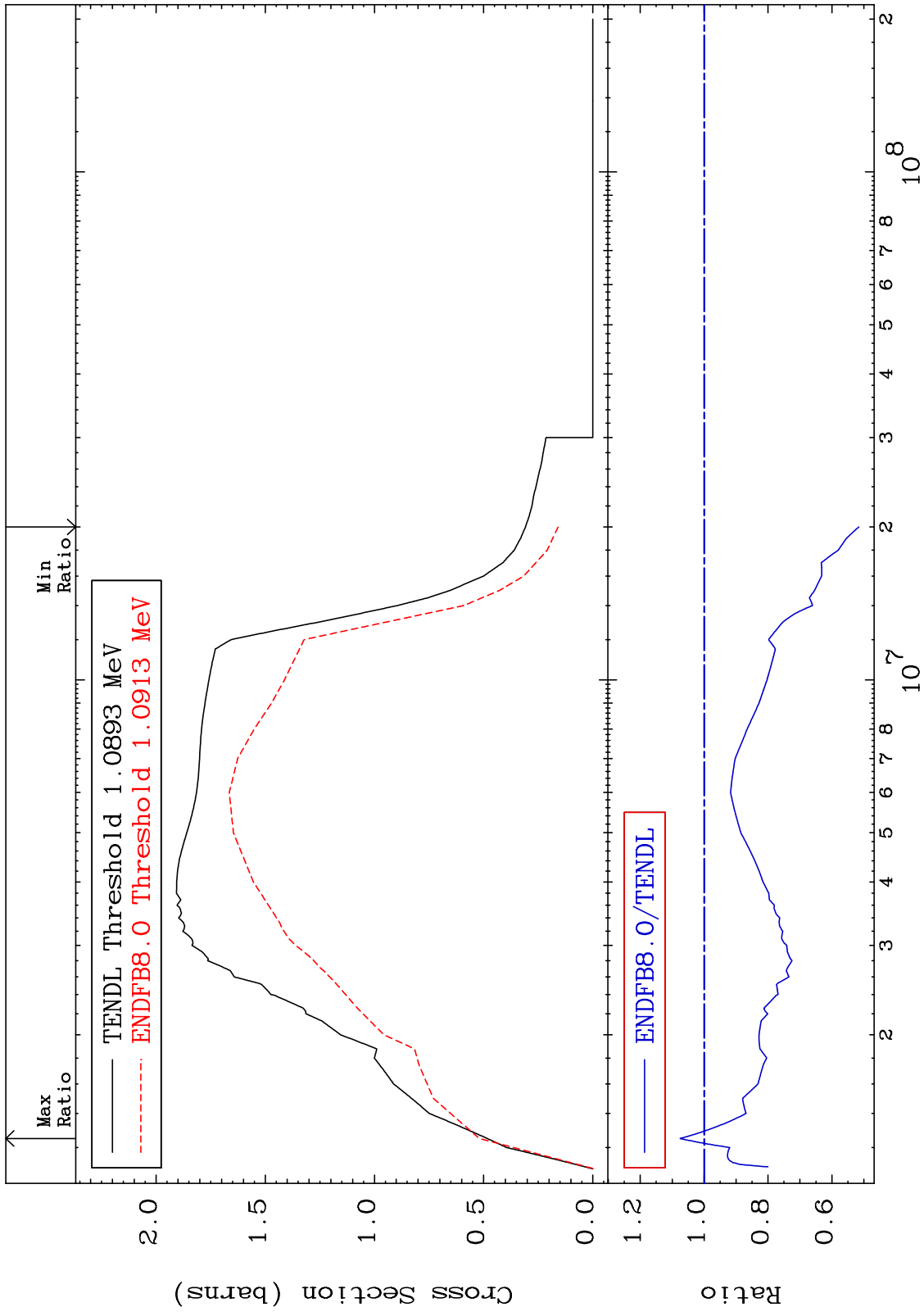
38-Sr-86

MAT 3831

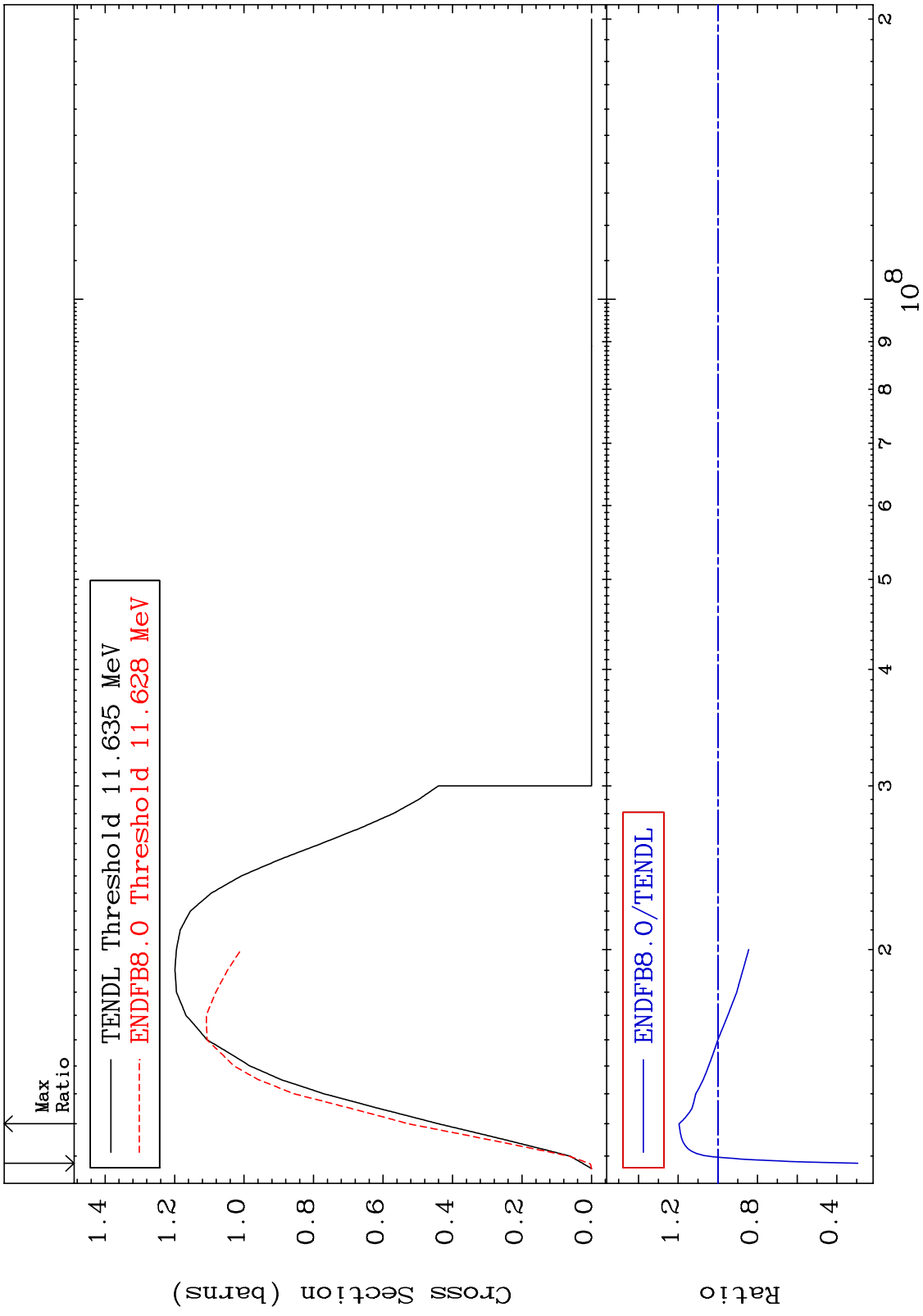
Inelastic
Cross Section

38-Sr-86

-48.45 To 7.486 %



MAT 3831 (n,2n) Cross Section 38-Sr-86
 -70.59 To 19.57 %



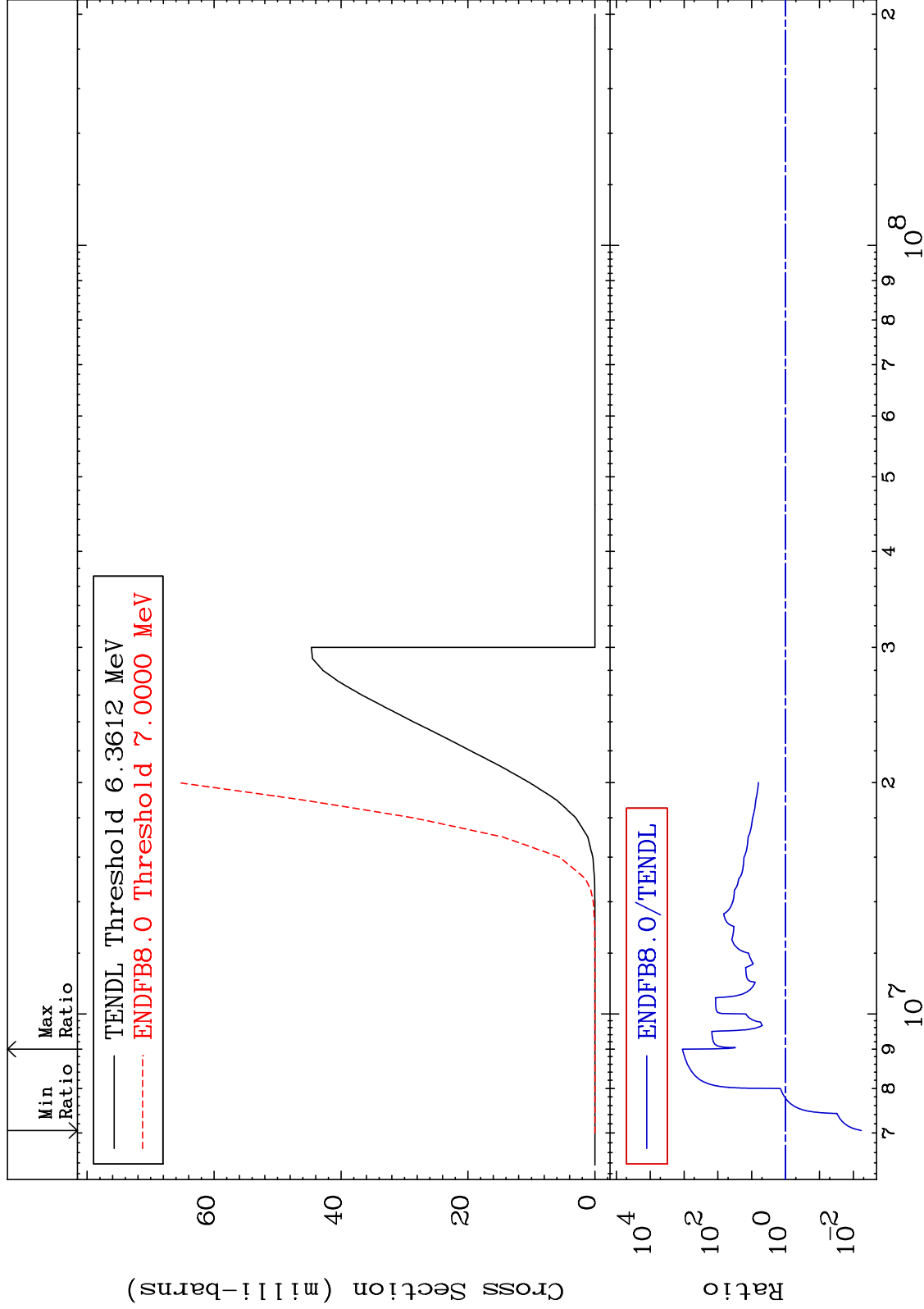
MAT 3831

(n,n') α

38-Sr-86

Cross Section

-99.41 To 9999. %

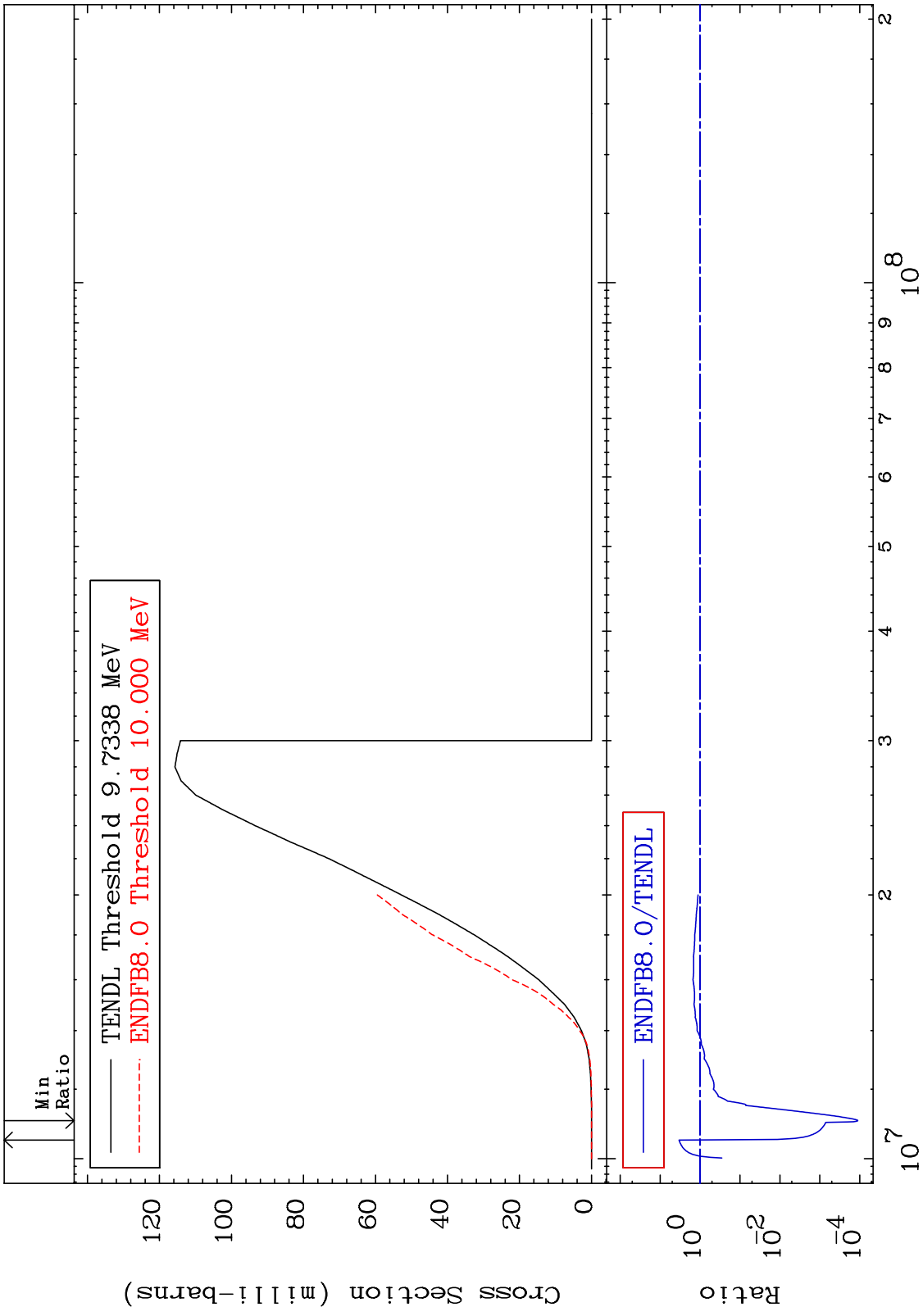


5

Incident Energy (eV)

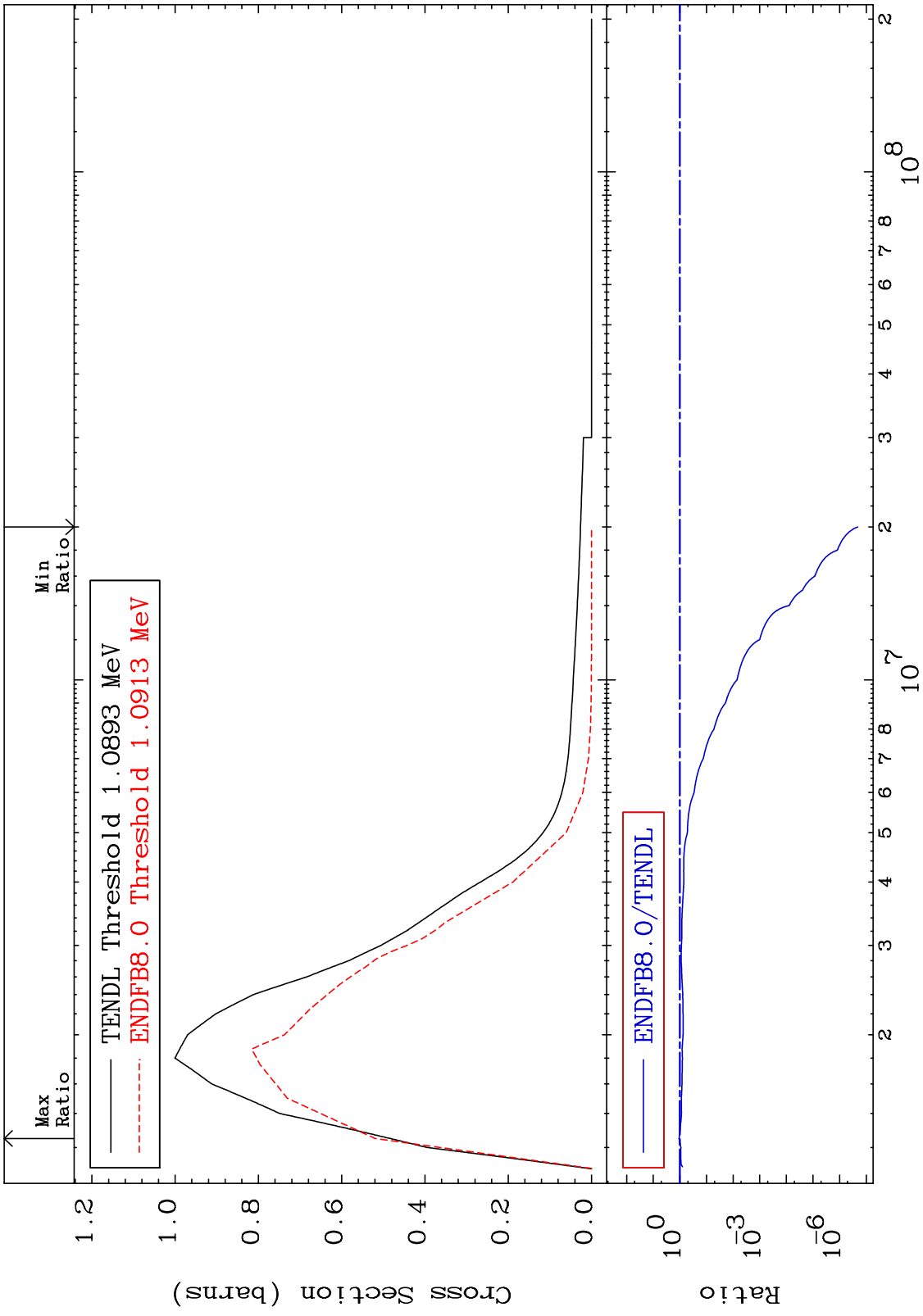
38-Sr-86

MAT 3831 (n,n') p 38-Sr-86
Cross Section -99.99 To 235.9 %



38-Sr-86 Incident Energy (eV)

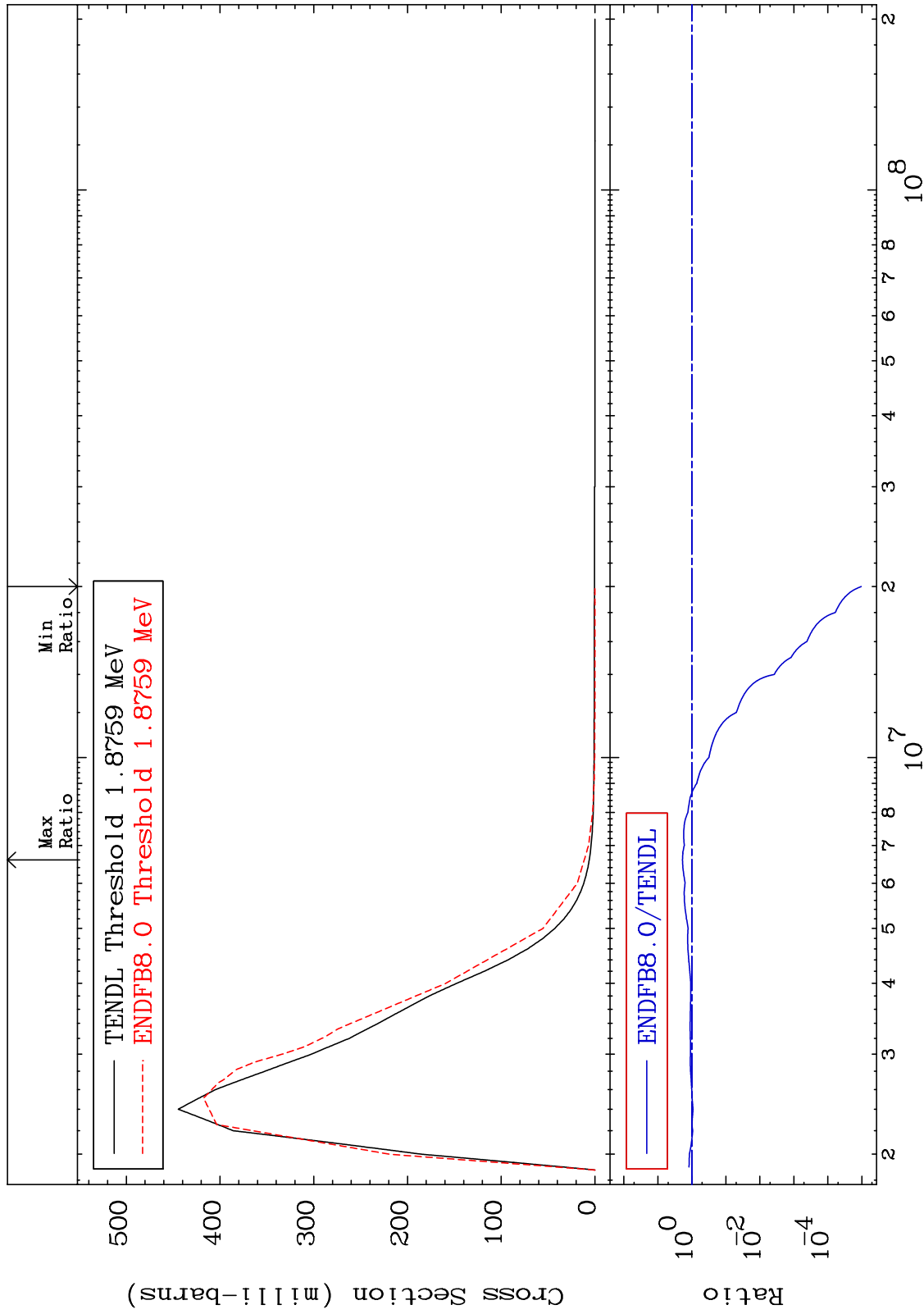
MAT 3831 MT= 51 (n,n') Level Cross Section 38-Sr-86
 -100.0 To 7.486 %



MAT 3831

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

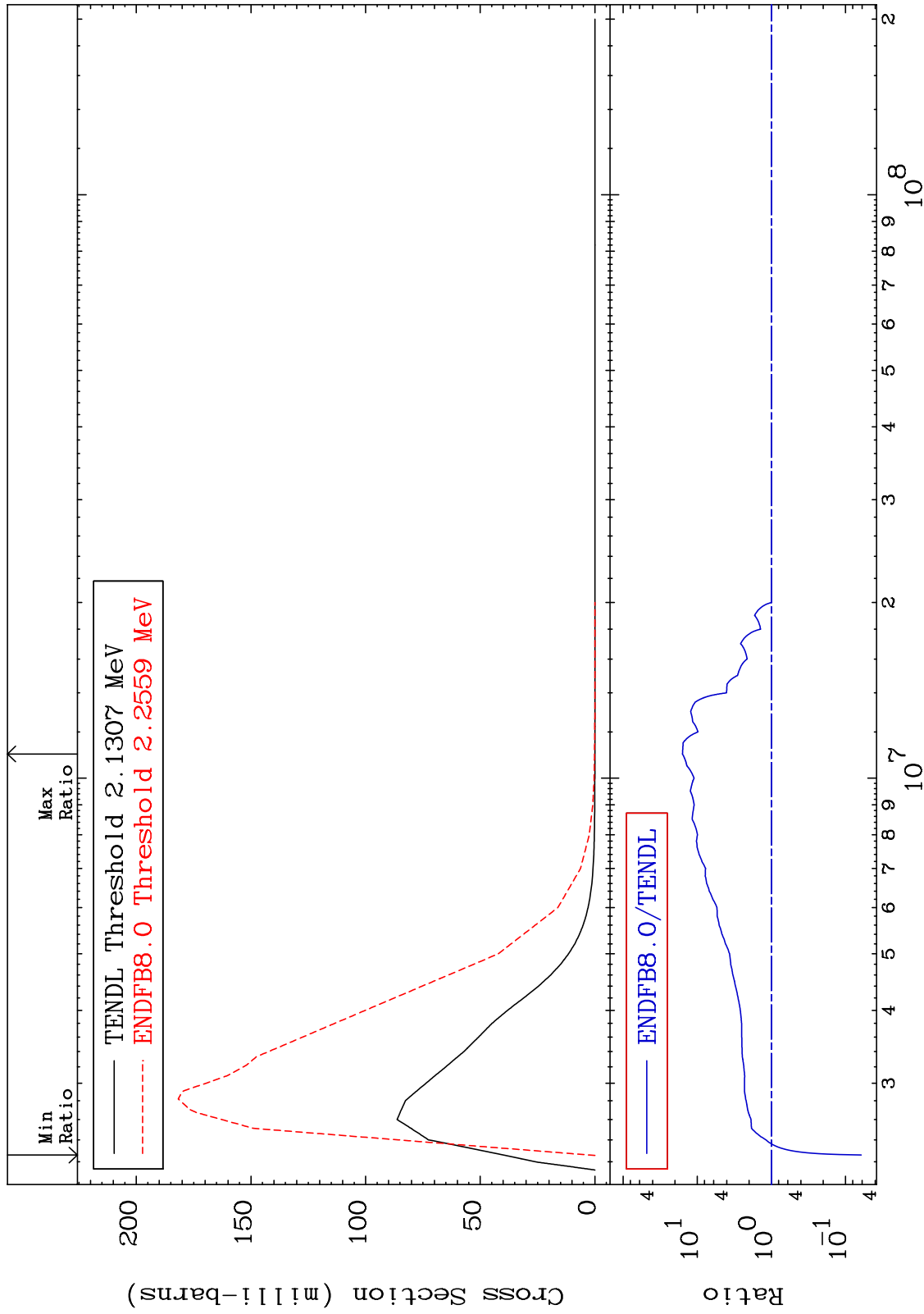
38-Sr-86
-100.0 To 89.24 %



MAT 3831

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

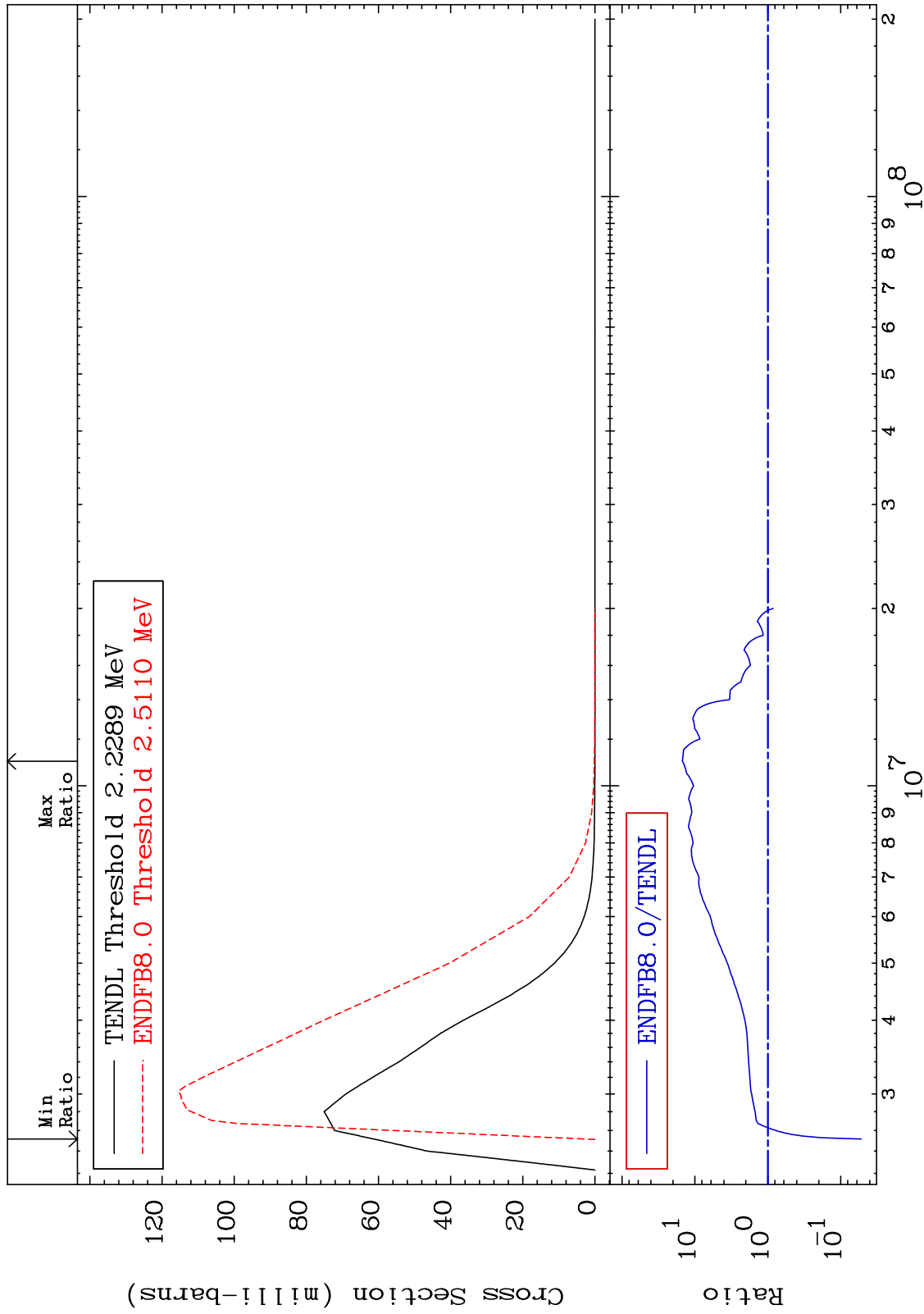
38-Sr-86
-93.85 To 1483. %



MAT 3831

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

38-Sr-86
-94.79 To 1380. %



10

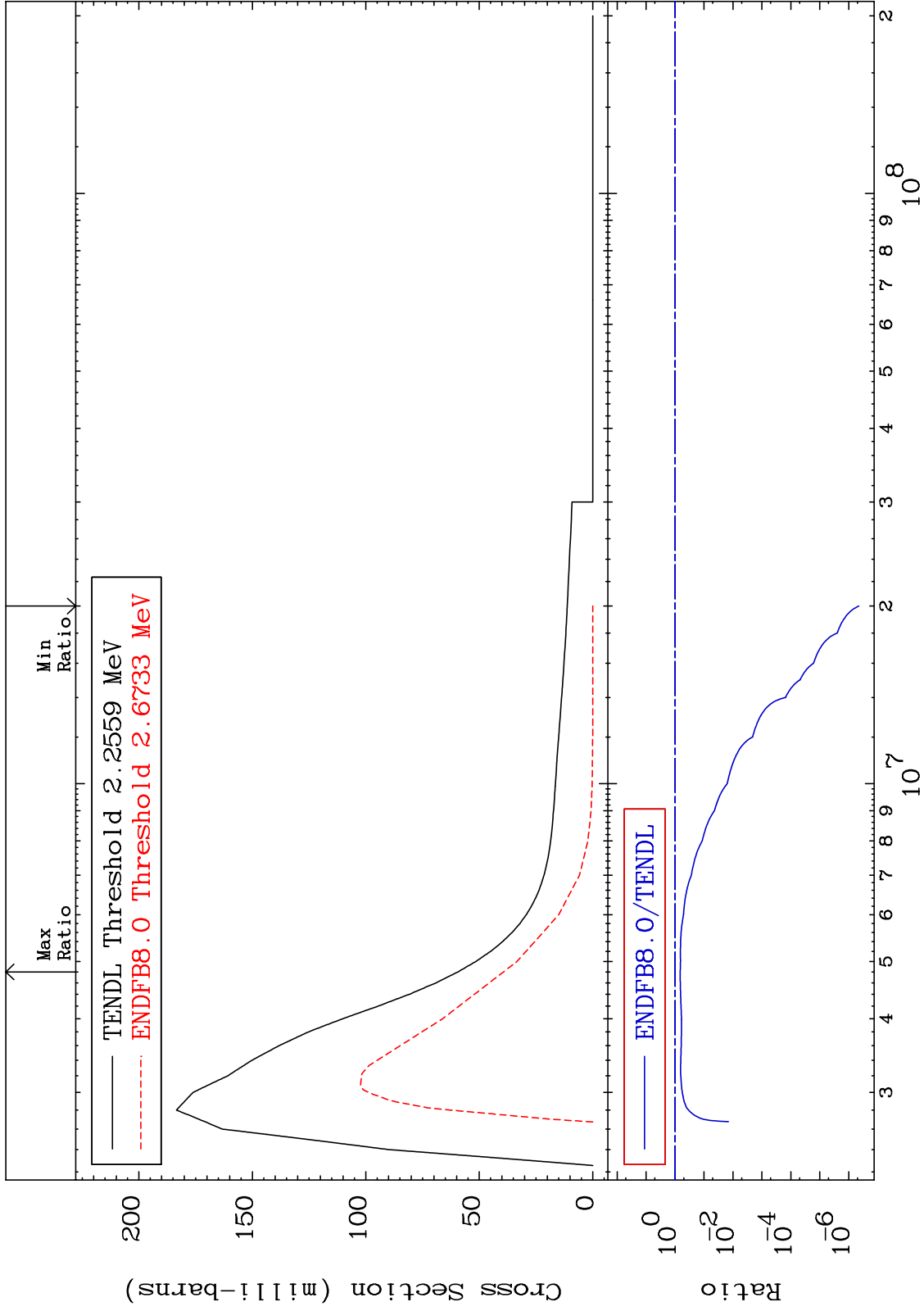
Incident Energy (eV)

38-Sr-86

MAT 3831

MT= 55 (n,n') Level
Cross Section

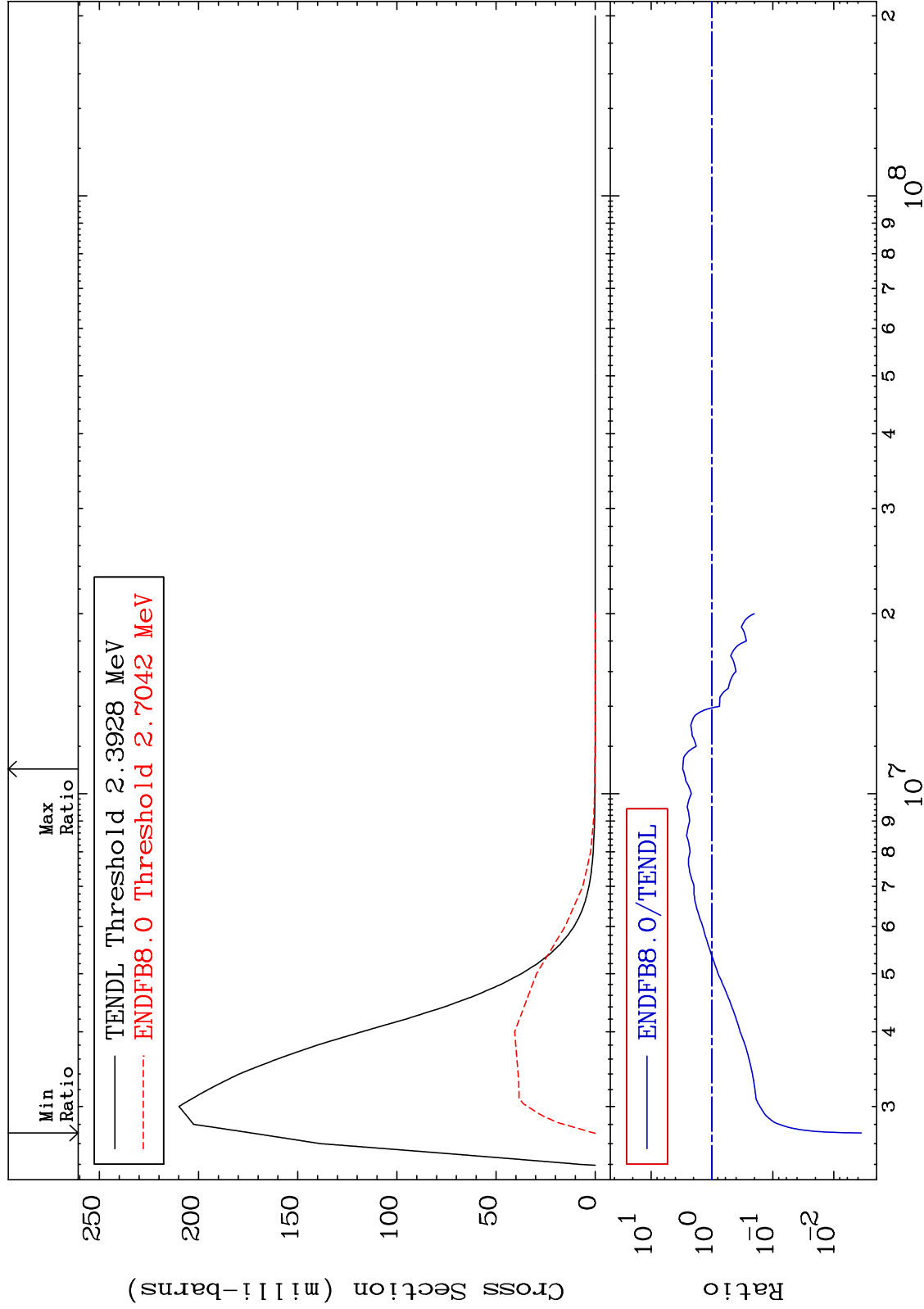
38-Sr-86
-100.0 To -33.75%



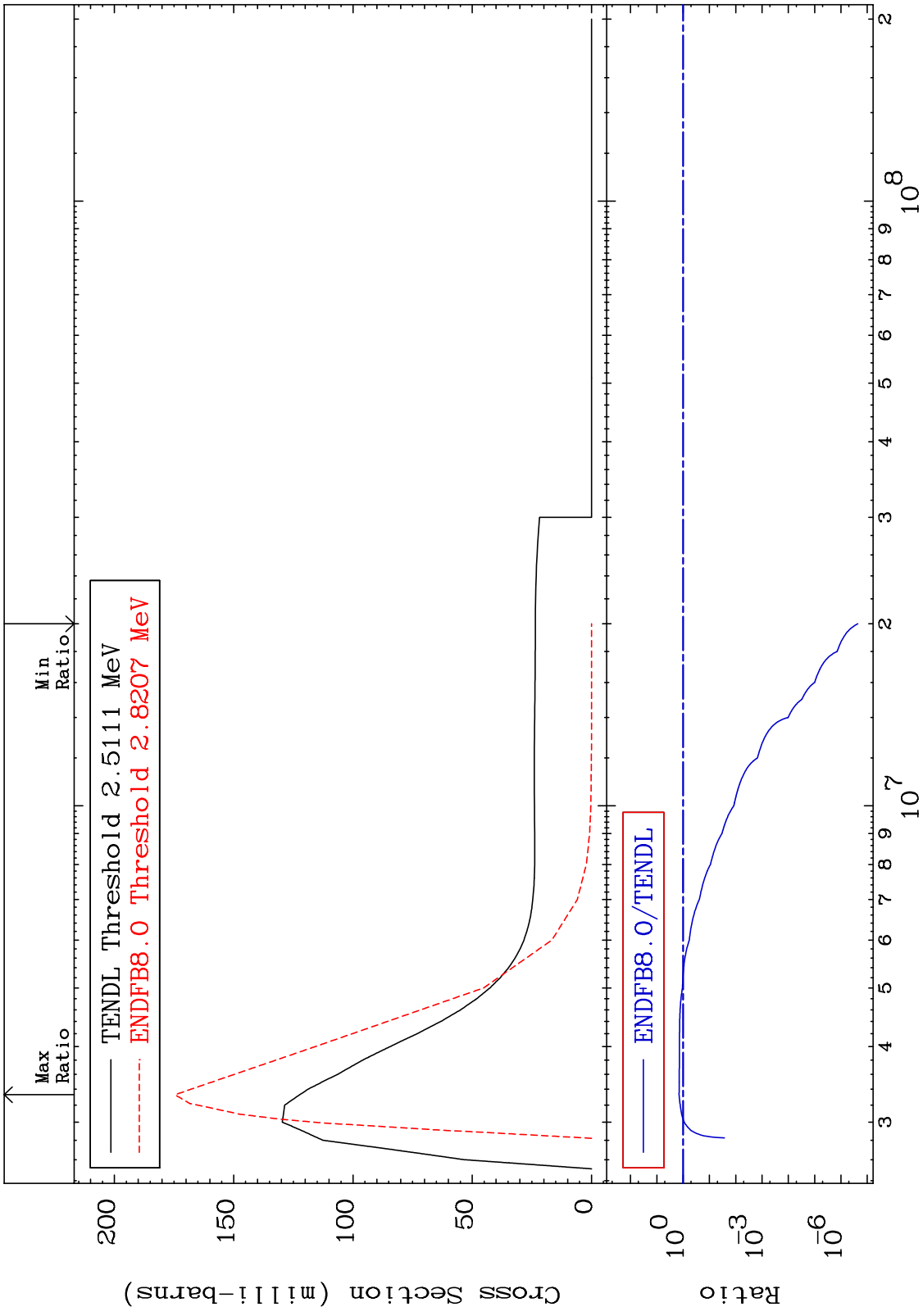
MAT 3831

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

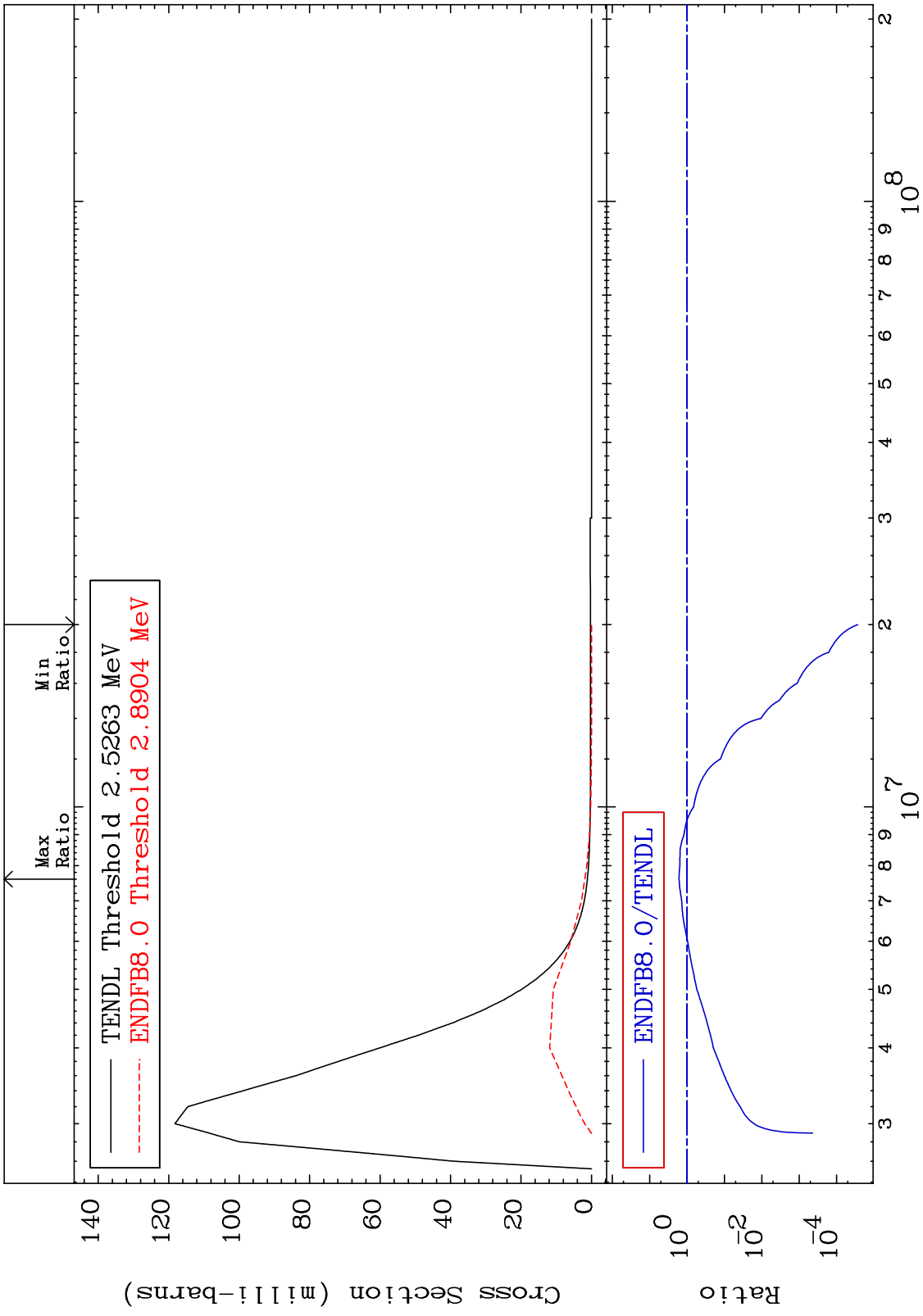
38-Sr-86
-99.65 To 202.8 %



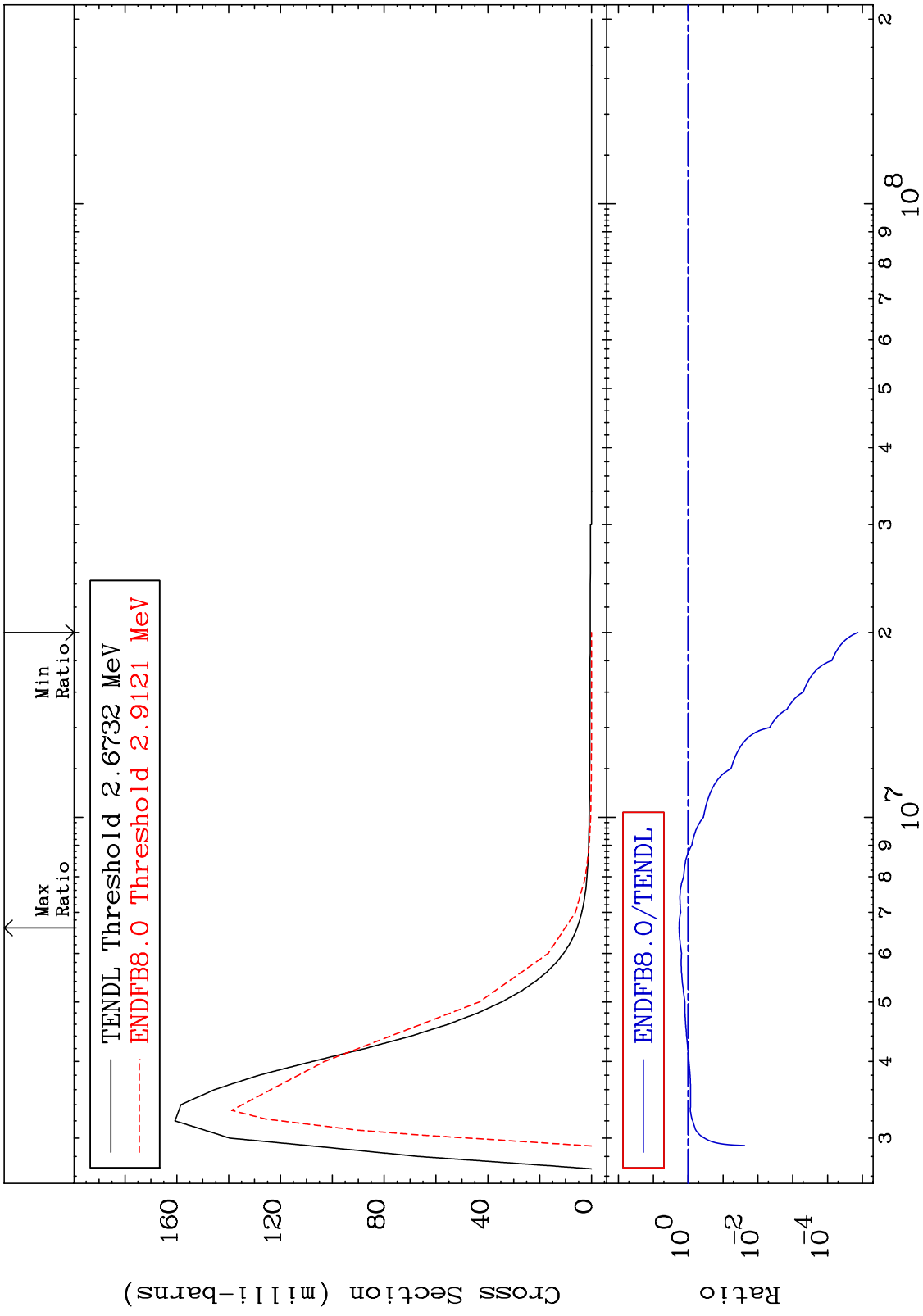
MAT 3831 MT= 57 (n,n') Level Cross Section -100.0 To 42.80 % 38-Sr-86



MAT 3831 MT= 58 (n,n') Level 38-Sr-86
 Cross Section -100.0 To 63.23 %



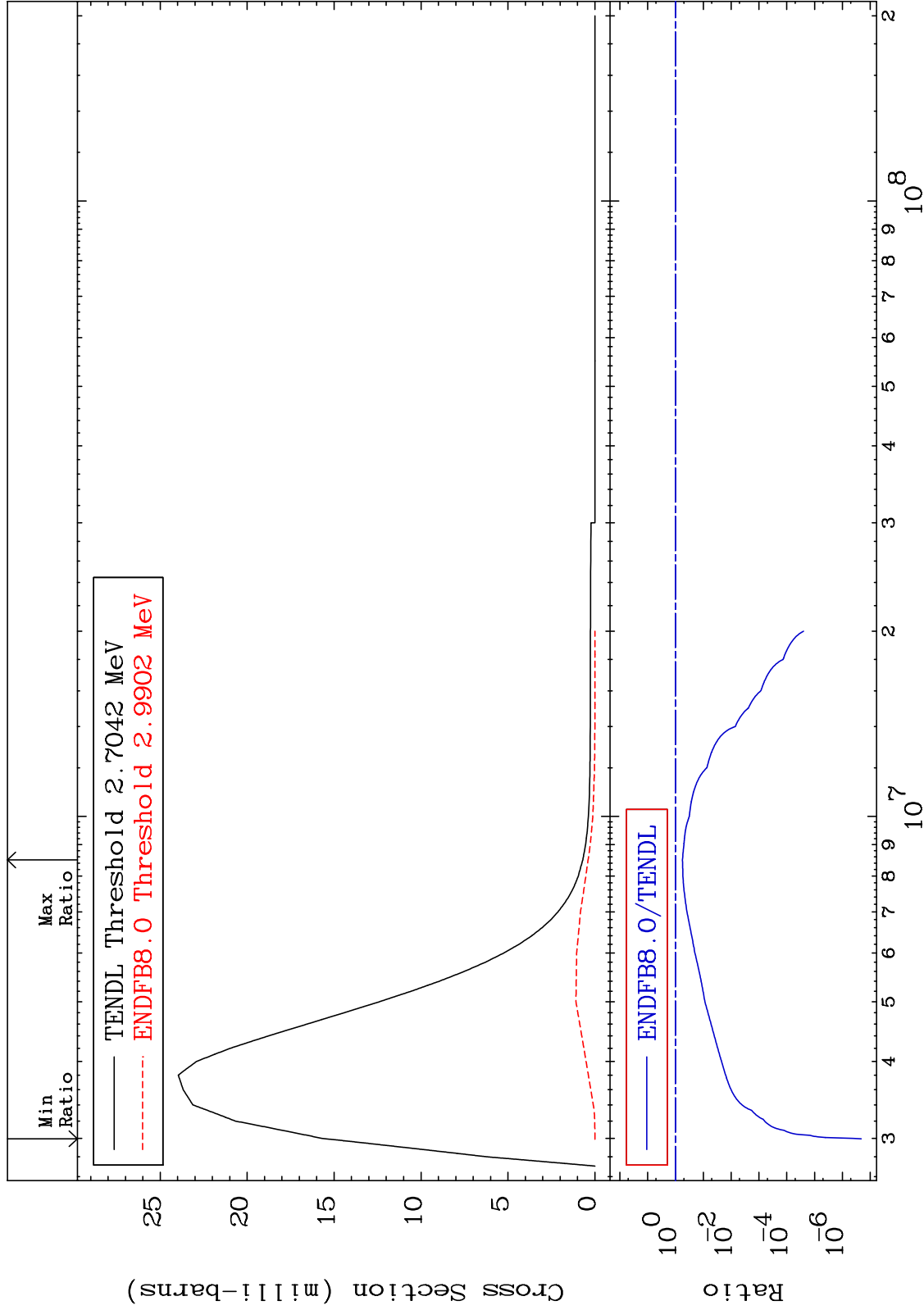
MAT 3831 MT= 59 (n,n') Level Cross Section 38-Sr-86
 -100.0 To 83.03 %



MAT 3831

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

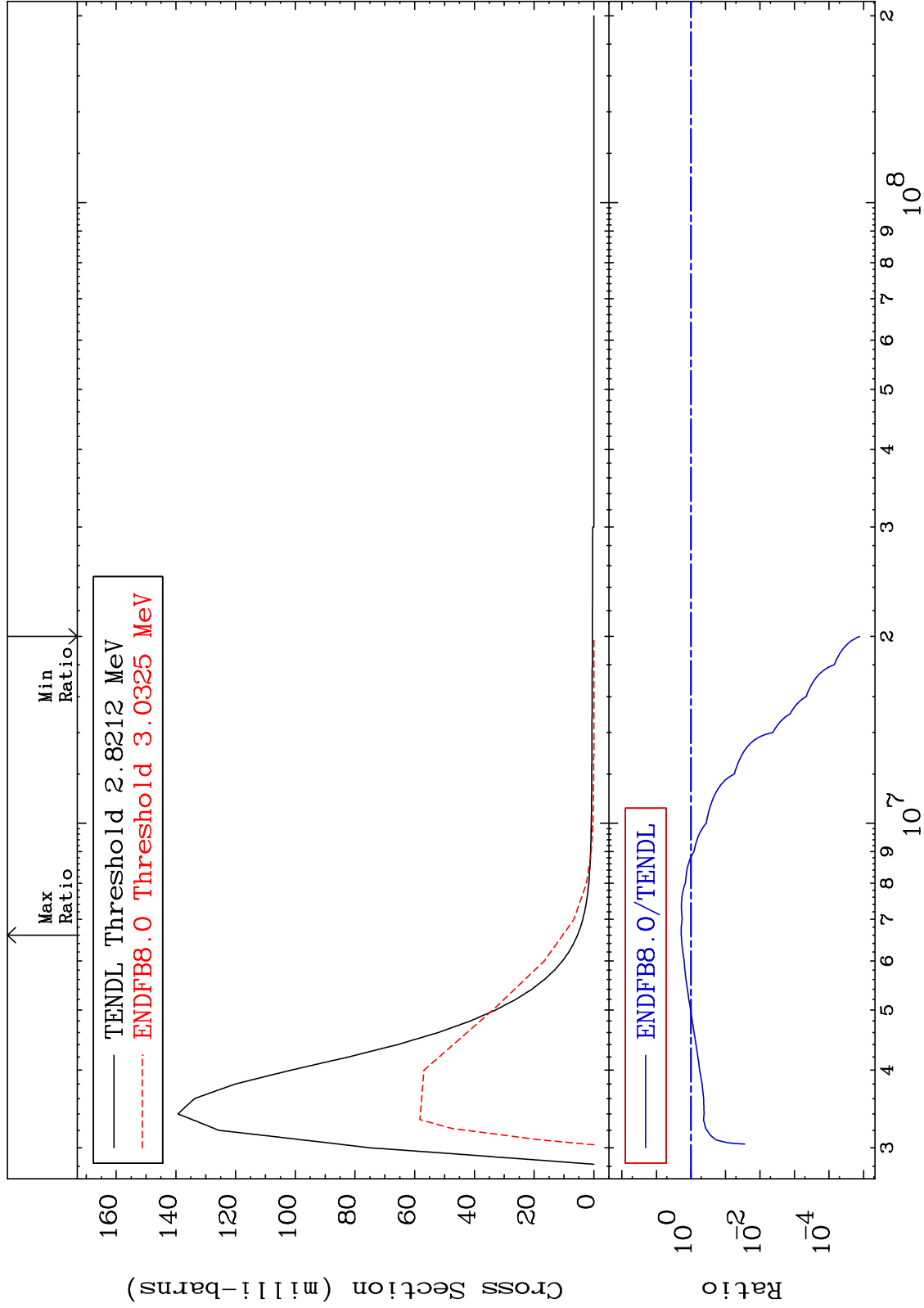
38-Sr-86
-100.0 To -43.82%



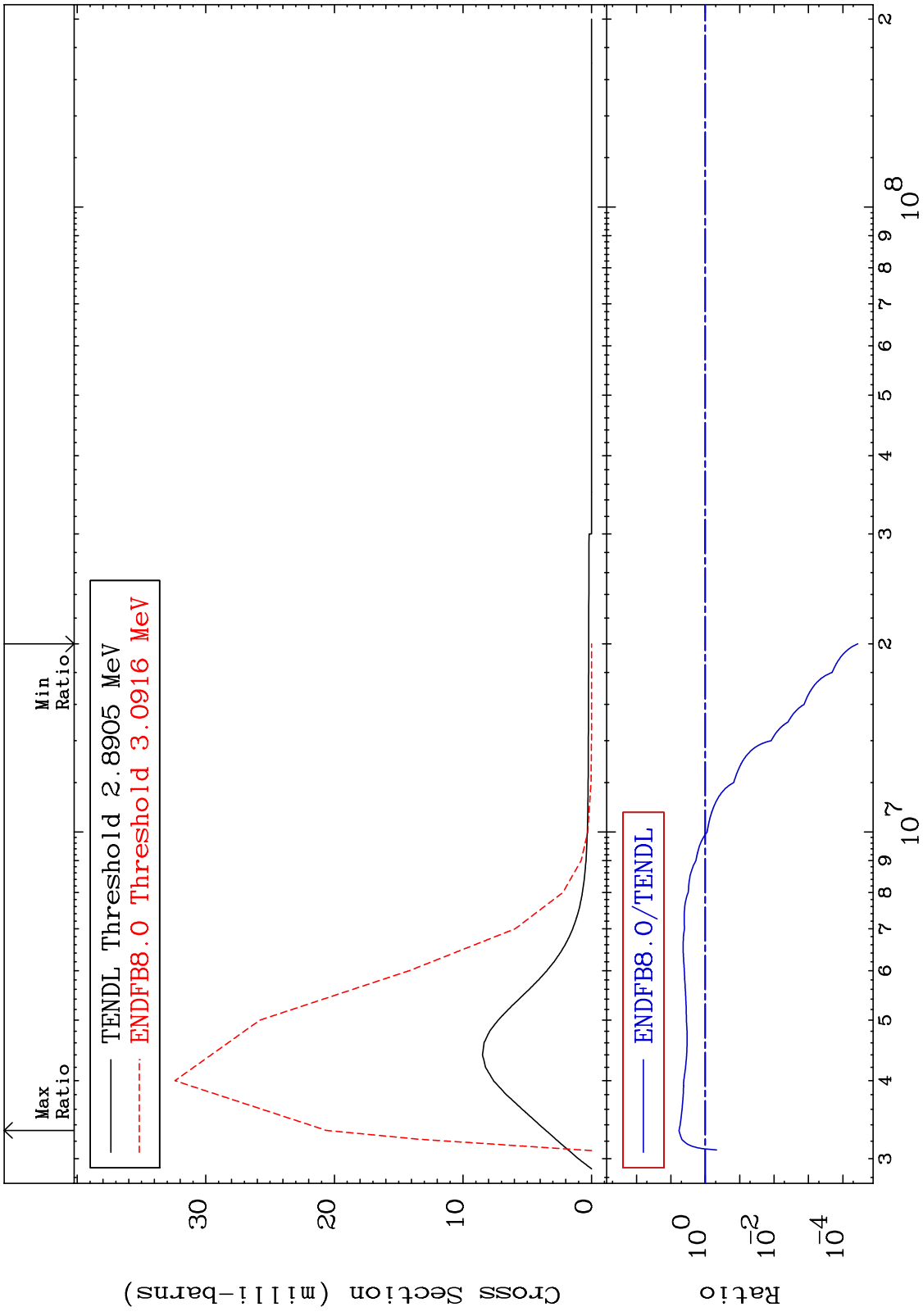
MAT 3831

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

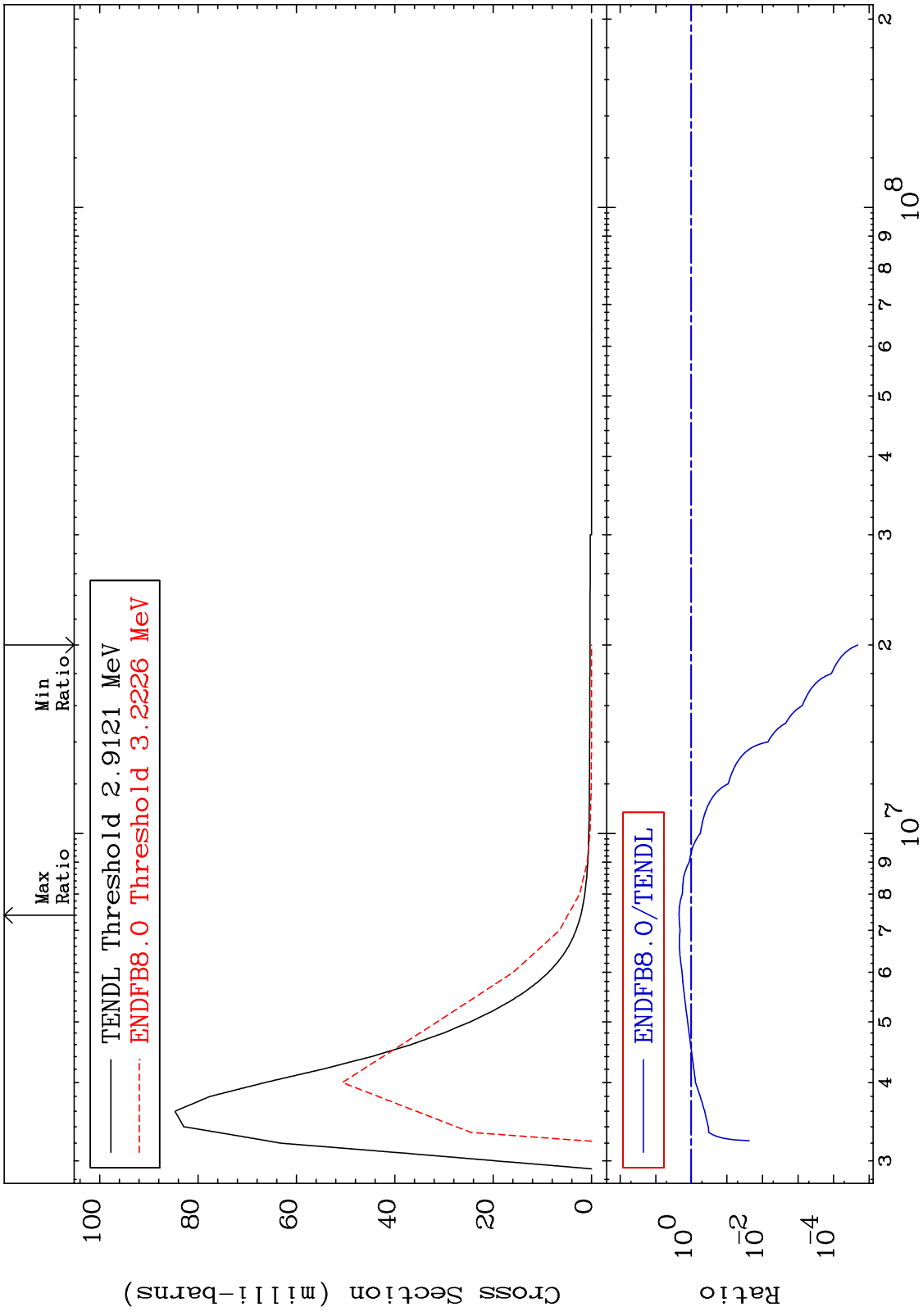
38-Sr-86
-100.0 To 91.08 %



MAT 3831 MT= 62 (n,n') Level 38-Sr-86
 Cross Section -100.0 To 480.8 %



MAT 3831 MT= 63 (n,n') Level Cross Section 38-Sr-86
 -100.0 To 121.0 %

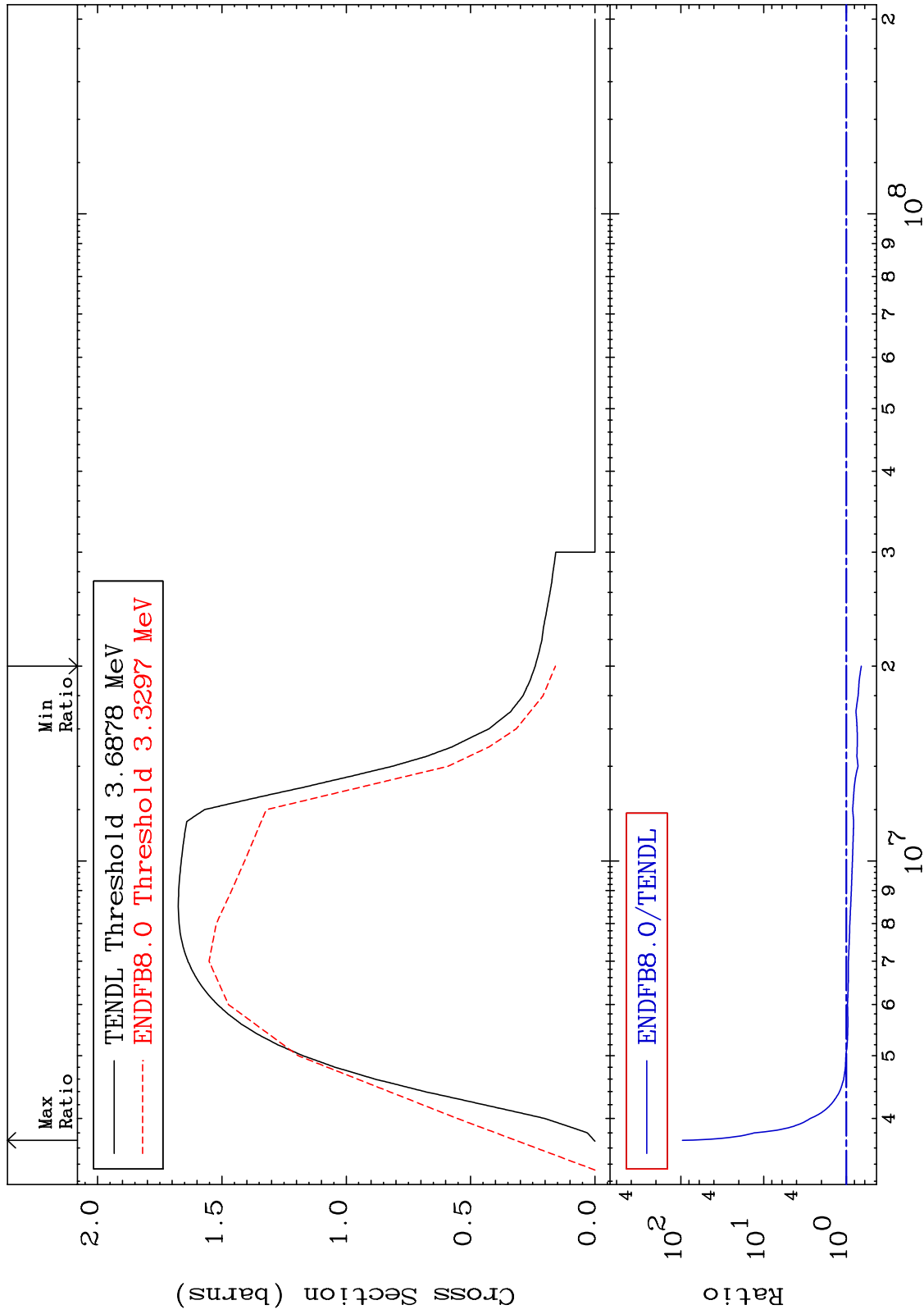


19 38-Sr-86

MAT 3831

(n,n') Continuum
Cross Section

38-Sr-86
-33.84 To 9488. %



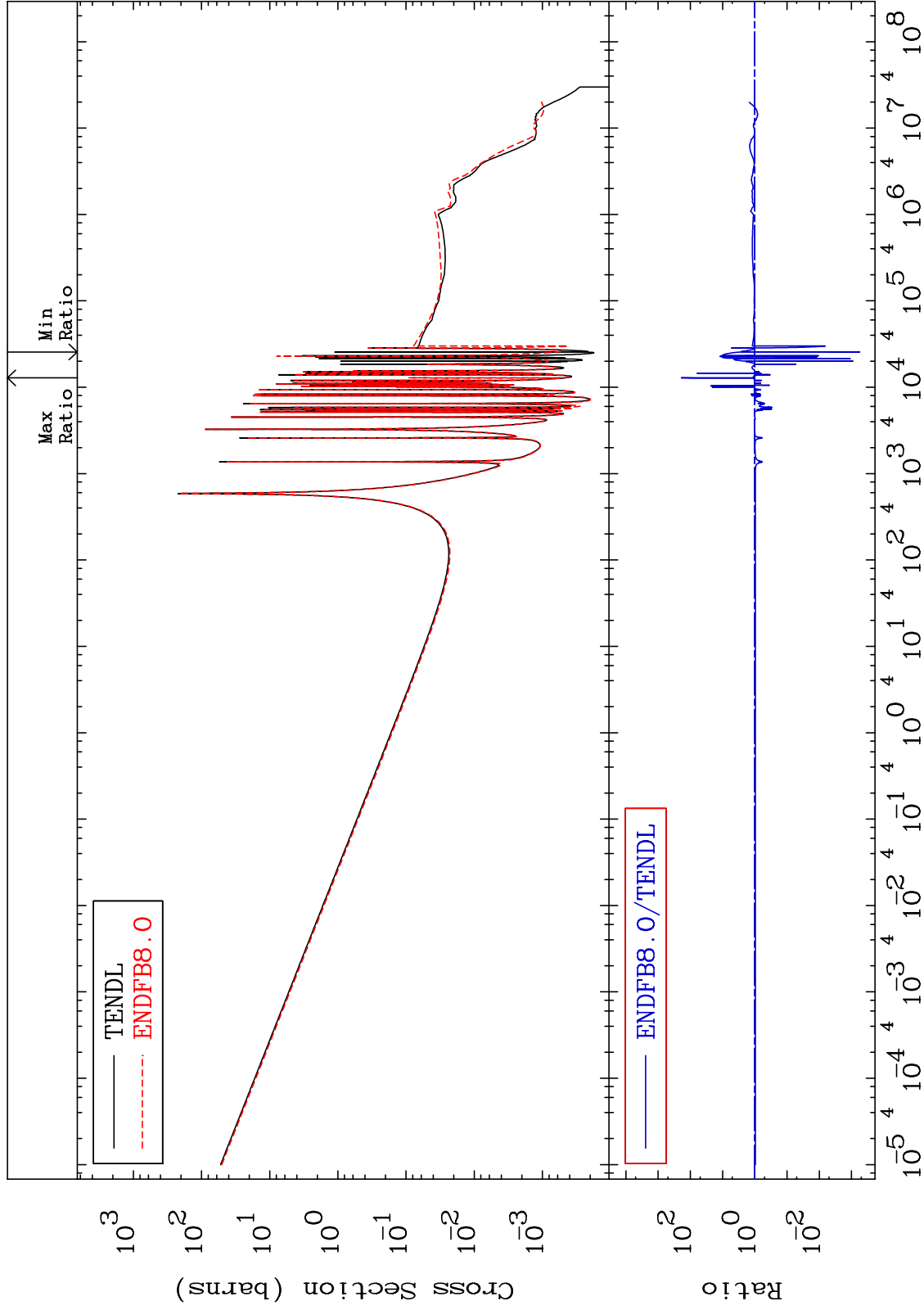
MAT 3831

(n, γ)

38-Sr-86

Cross Section

-99.94 To 9999. %



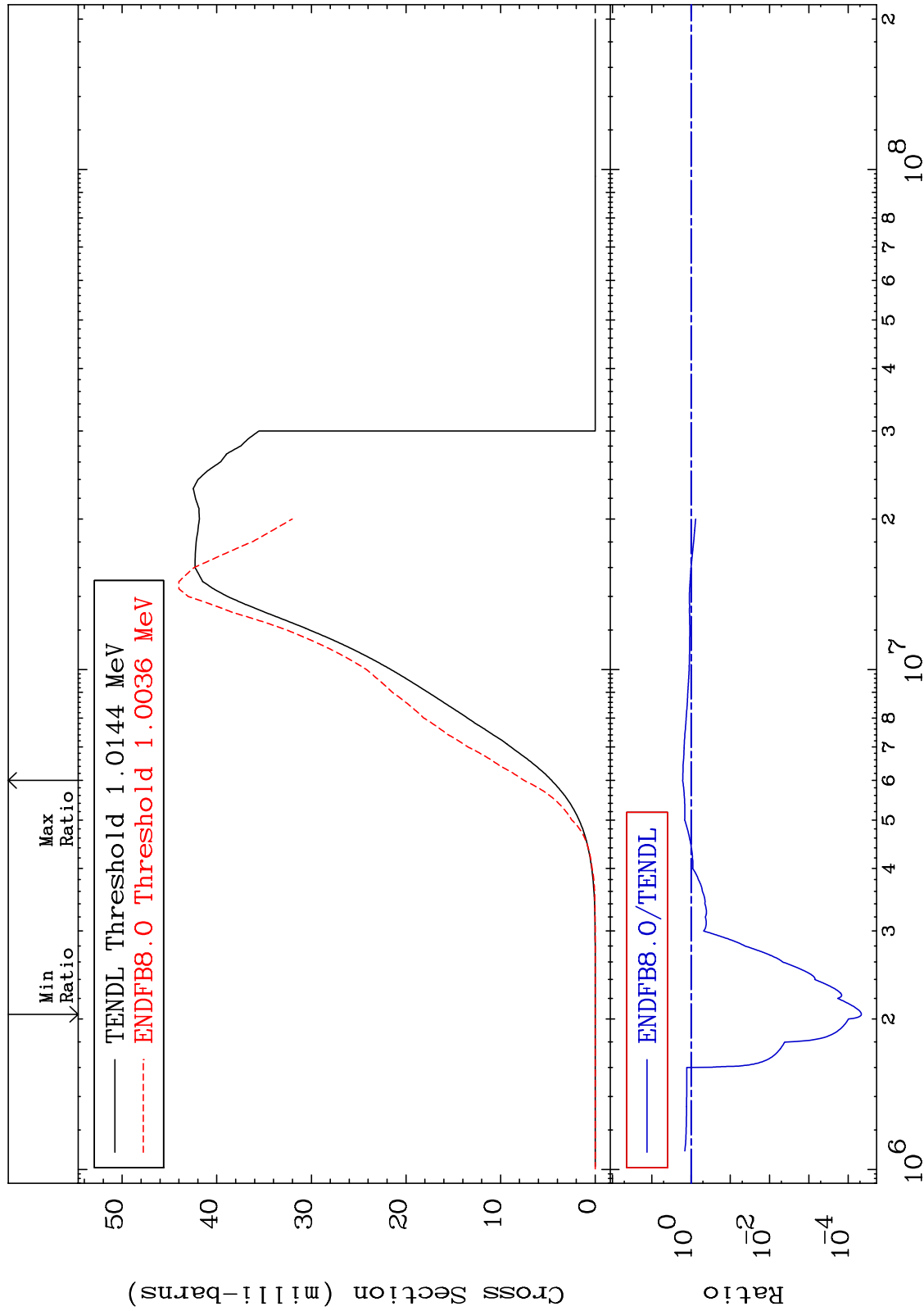
MAT 3831

(n,p)

38-Sr-86

-100.0 To 63.70 %

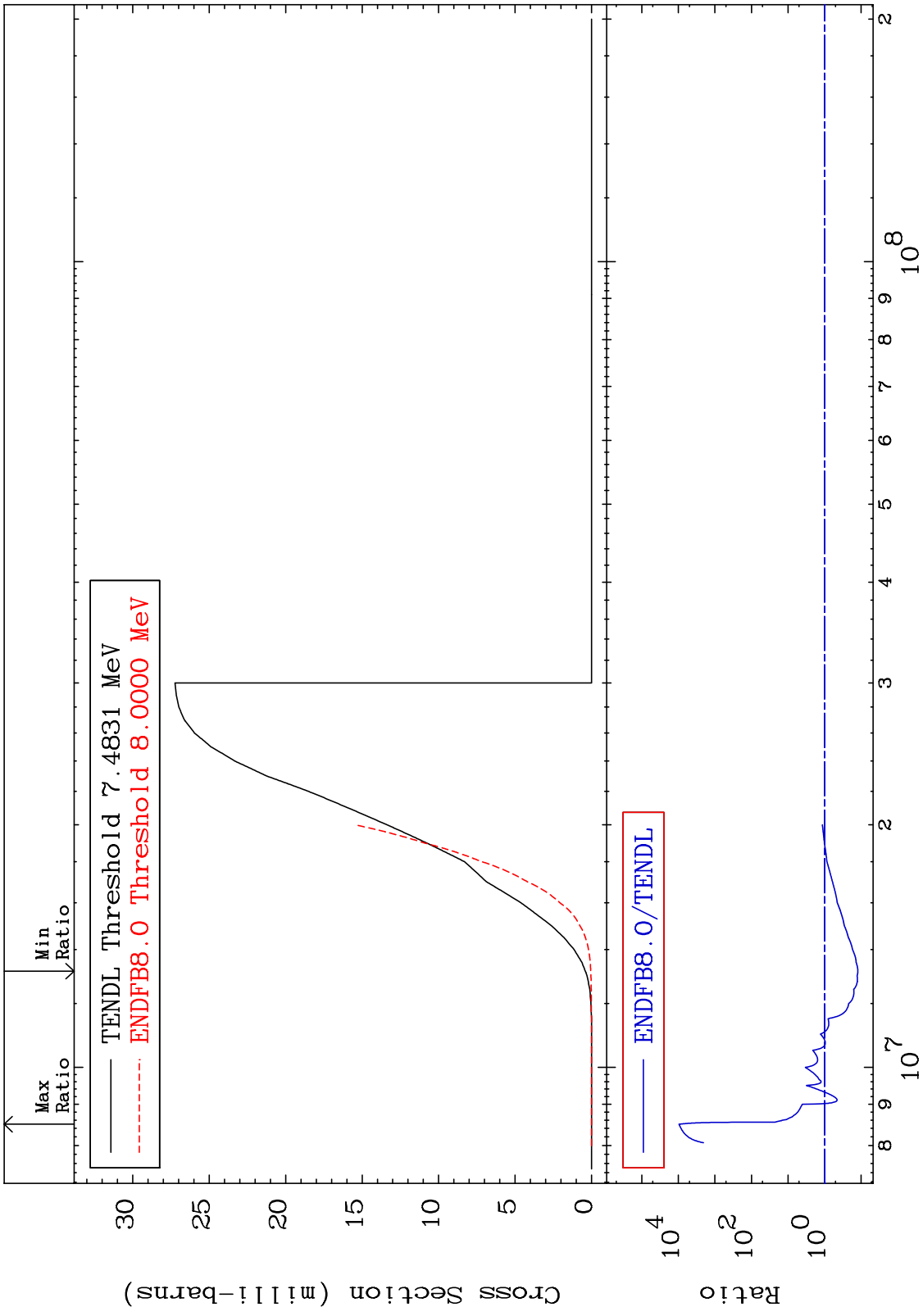
Cross Section

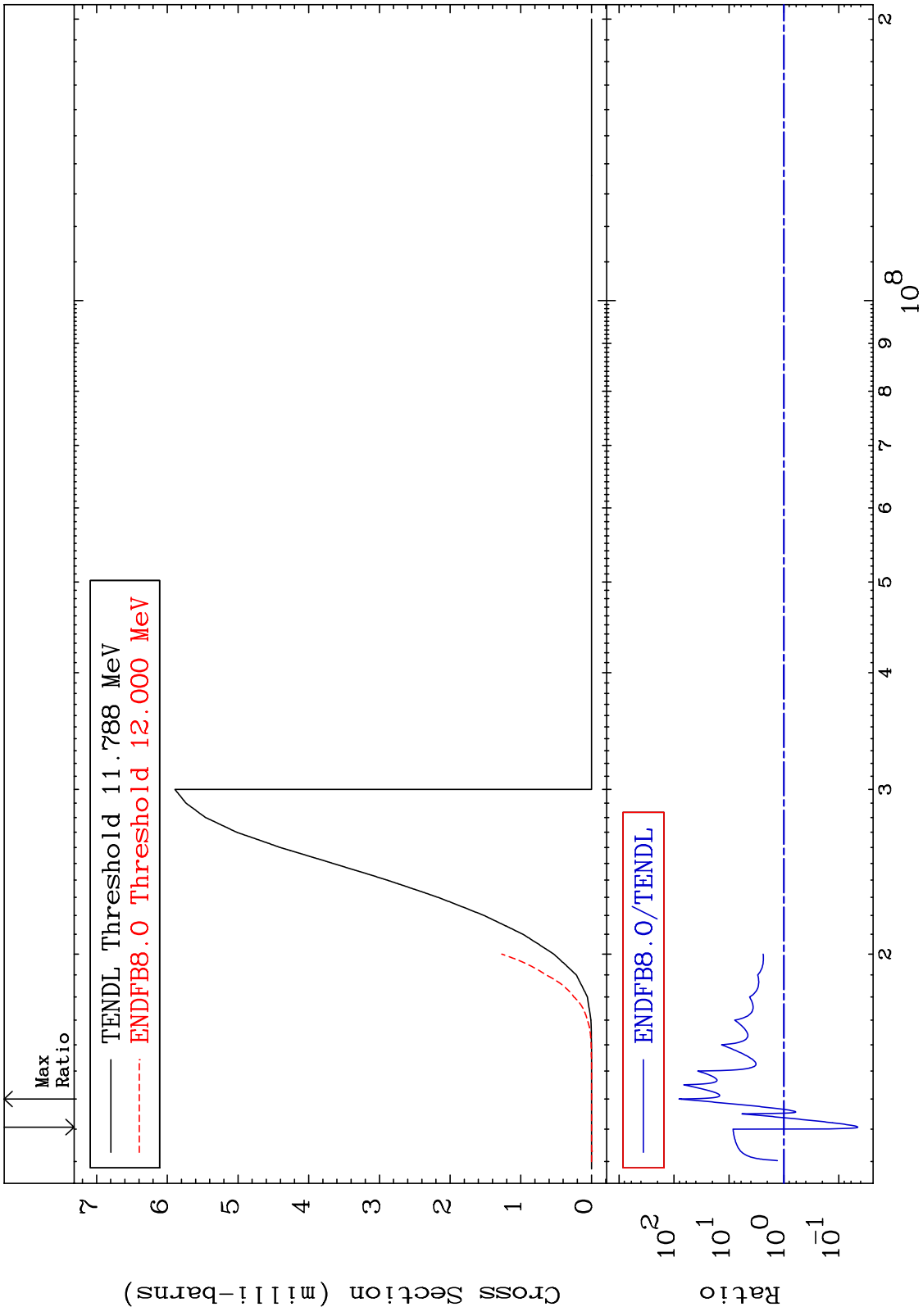


22

Incident Energy (eV)

38-Sr-86





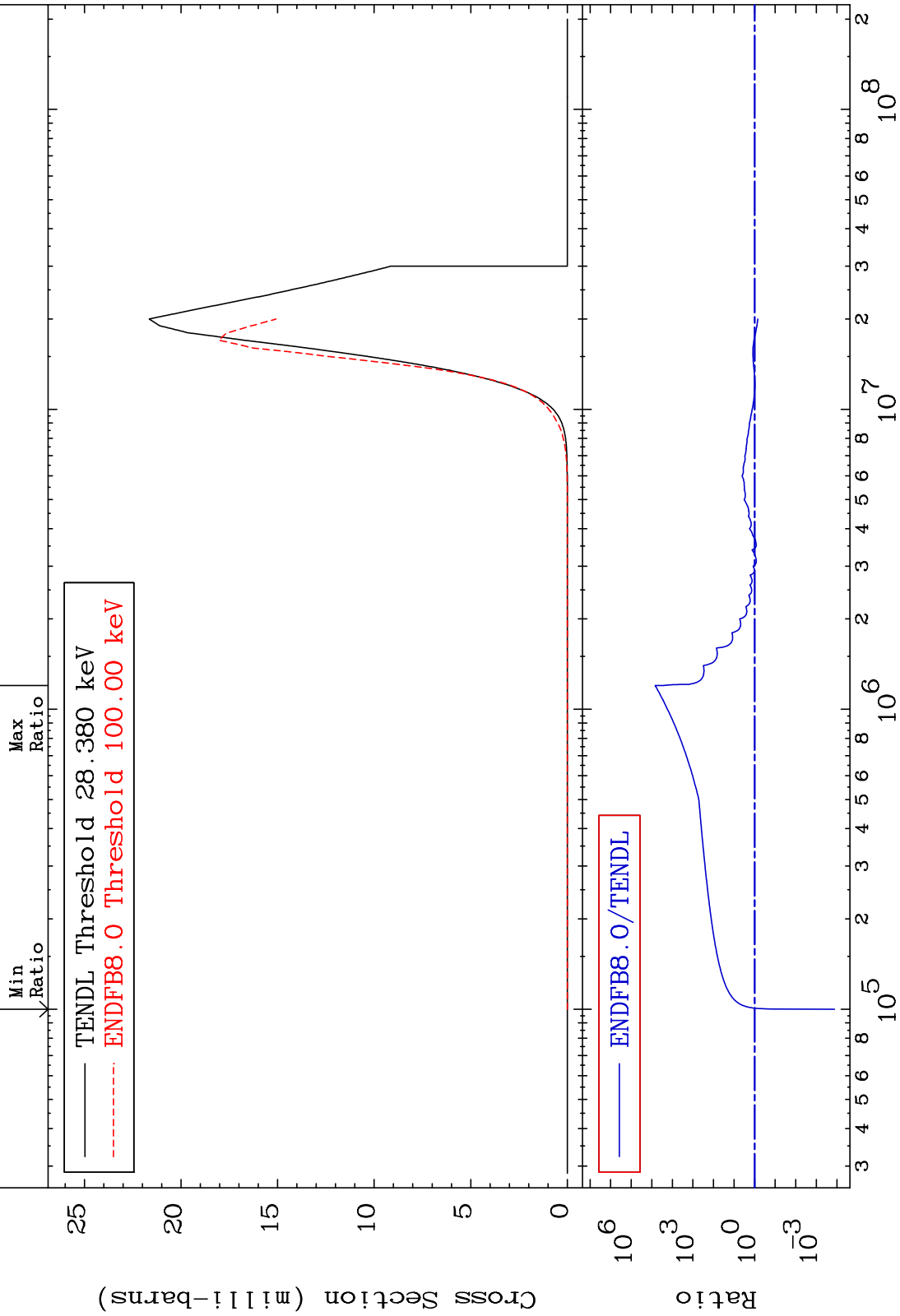
MAT 3831

(n, α)

38-Sr-86

-99.99 To 9999. %

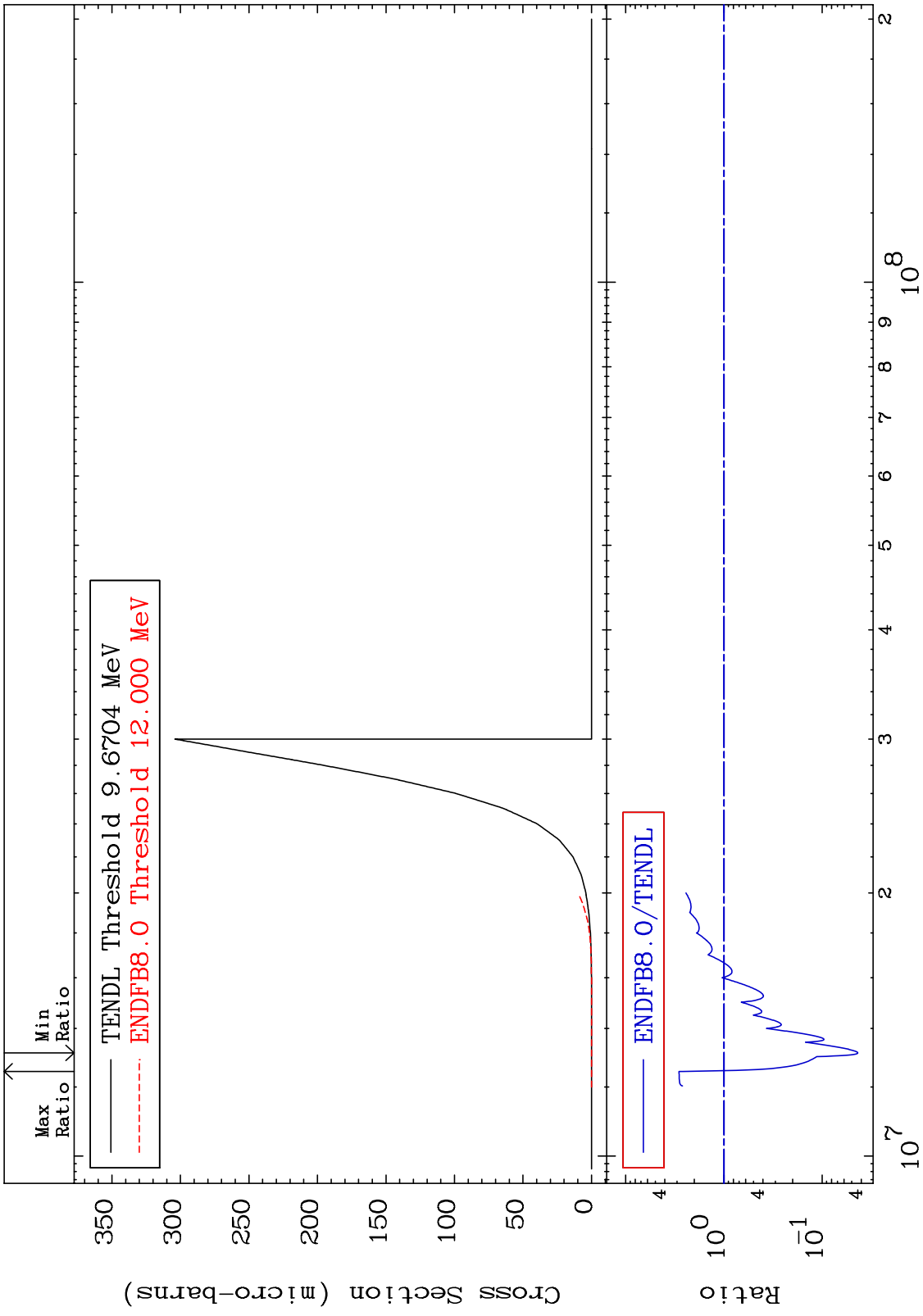
Cross Section



25

38-Sr-86

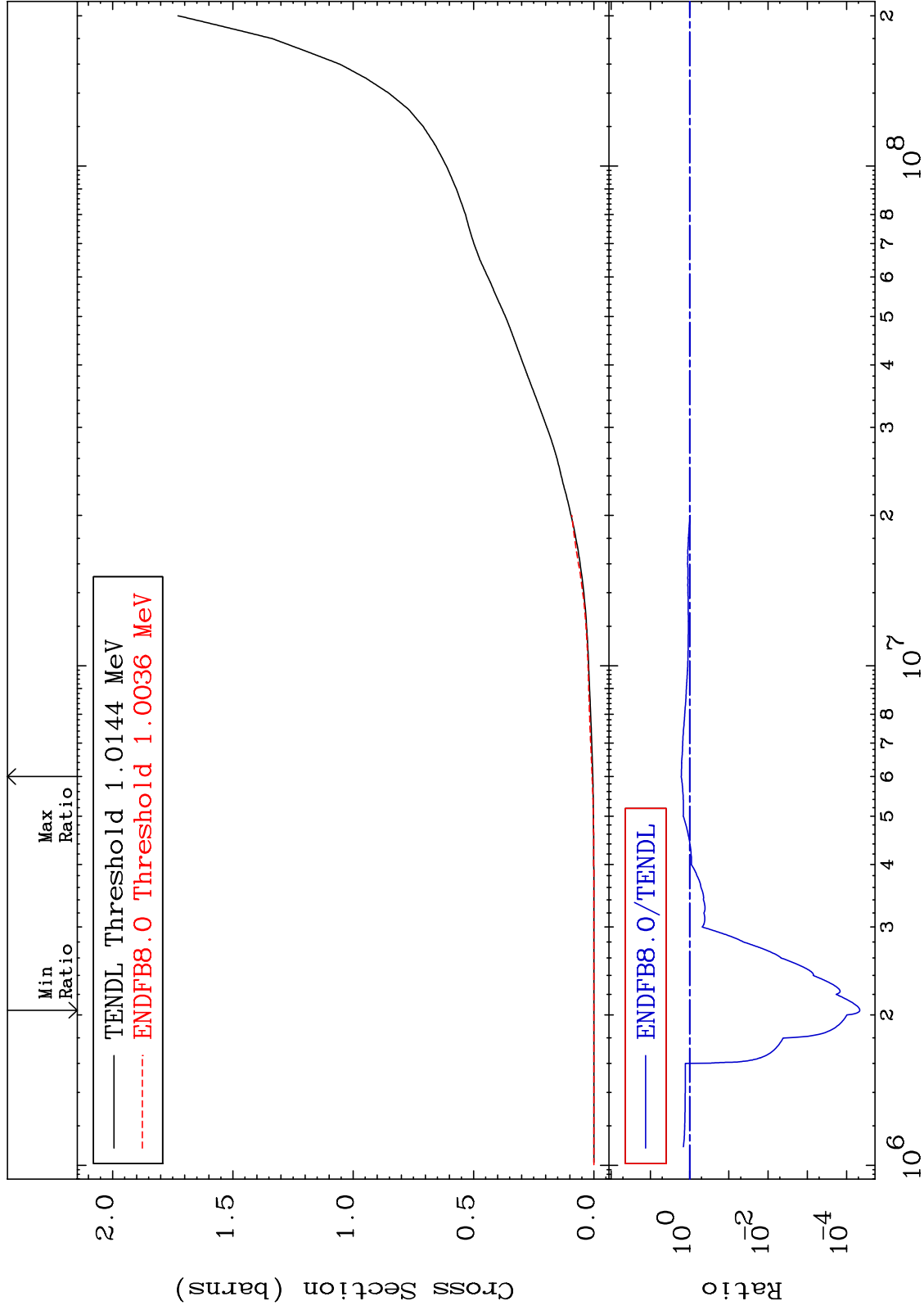
38-Sr-86



MAT 3831

Hydrogen Production
Cross Section

38-Sr-86
-100.0 To 63.70 %



27

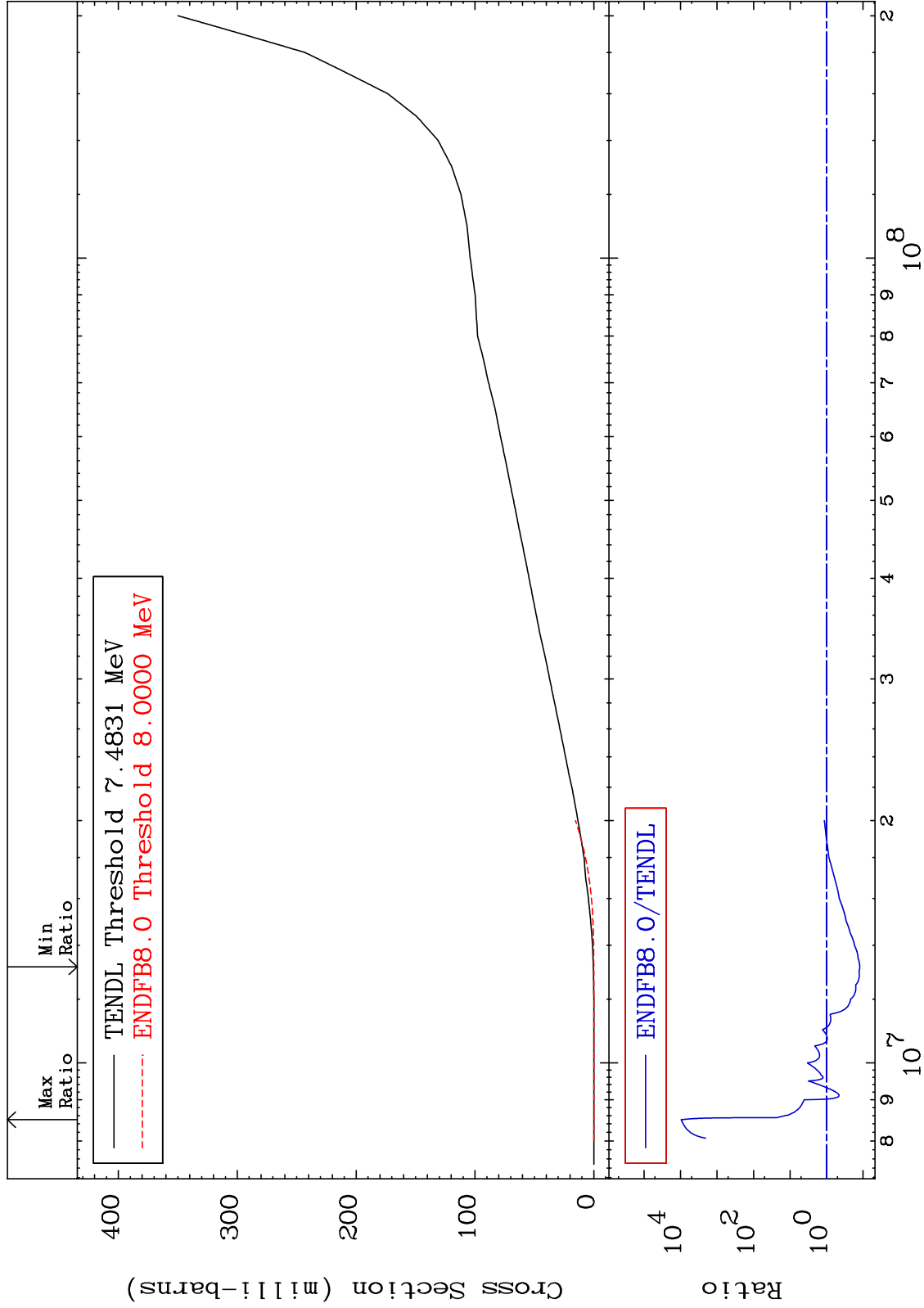
Incident Energy (eV)

38-Sr-86

MAT 3831

Deuterium Production
Cross Section

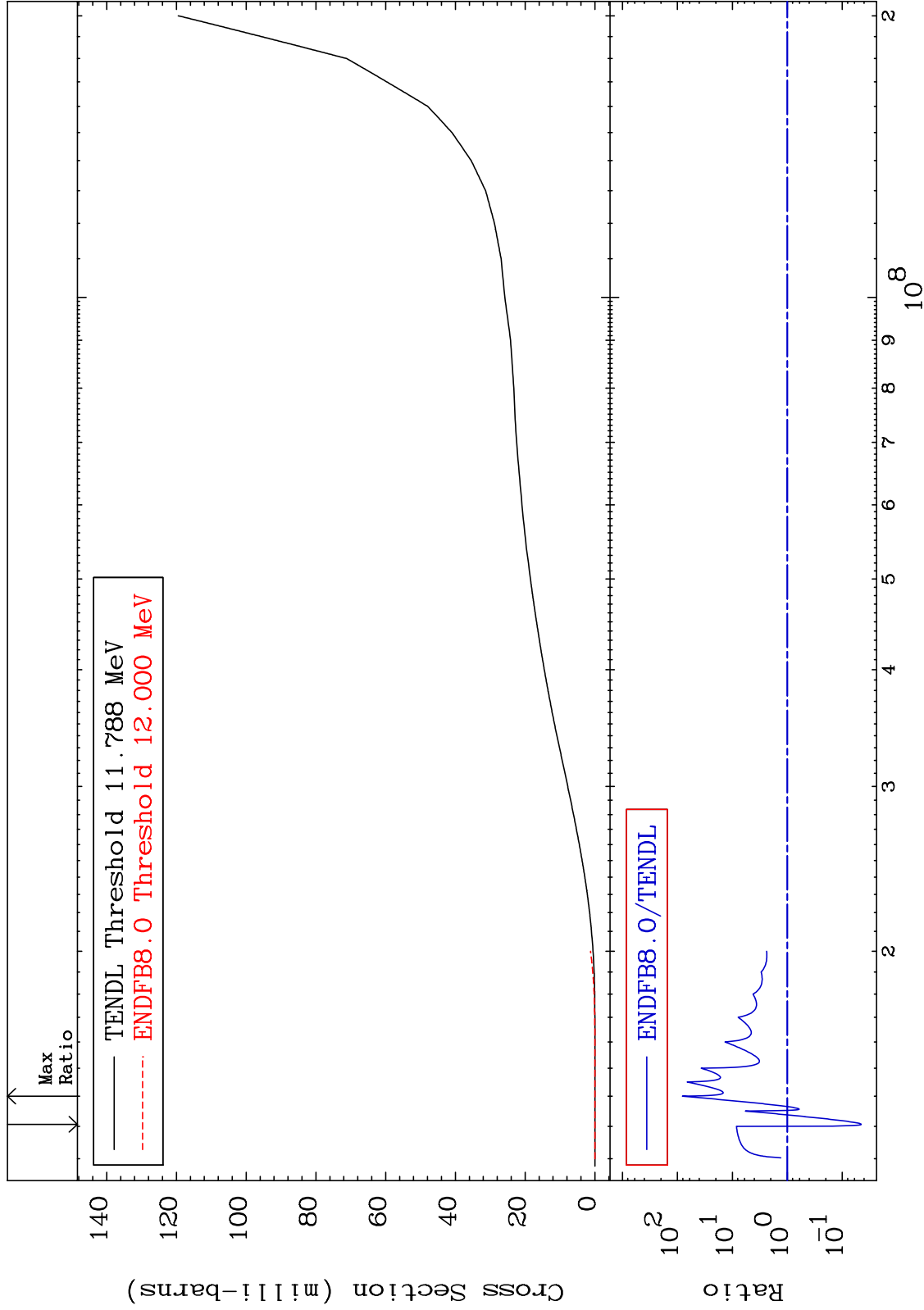
38-Sr-86
-87.70 To 9999. %



MAT 3831

Tritium Production
Cross Section

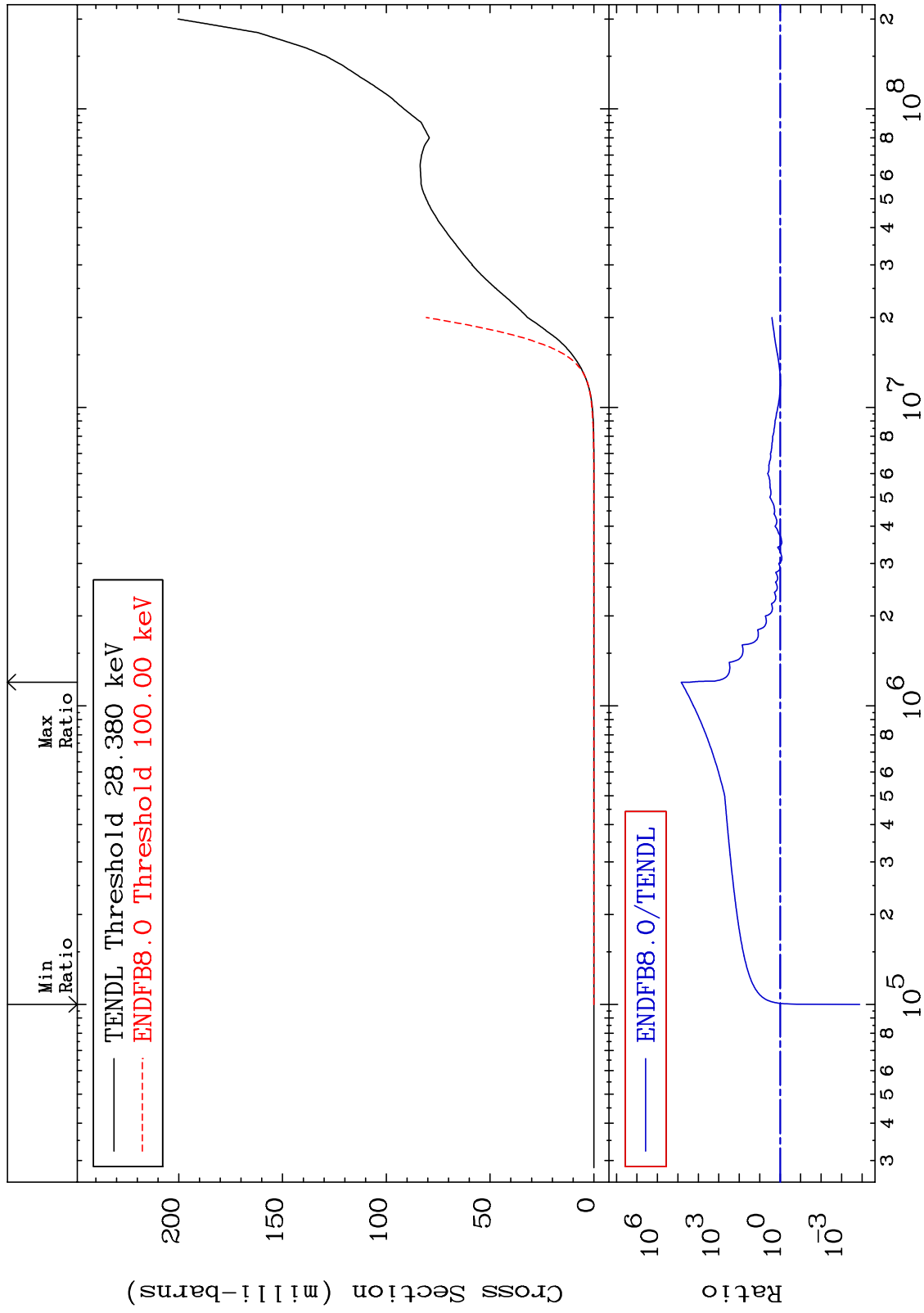
38-Sr-86
-95.49 To 8001. %



MAT 3831

He-4 Production
Cross Section

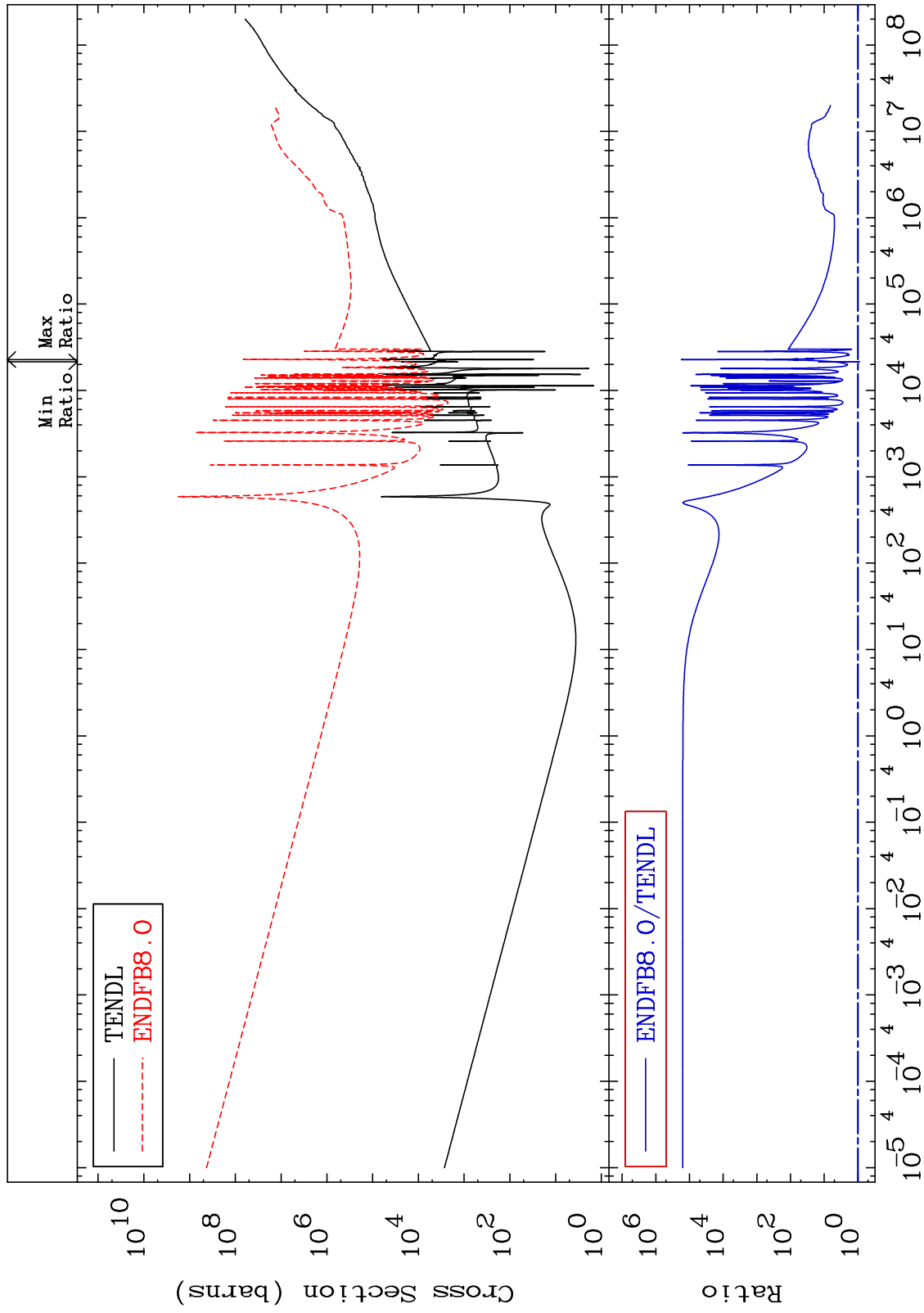
38-Sr-86
-99.99 To 9999. %



MAT 3831

Kerma total (eV-barns)
Cross Section

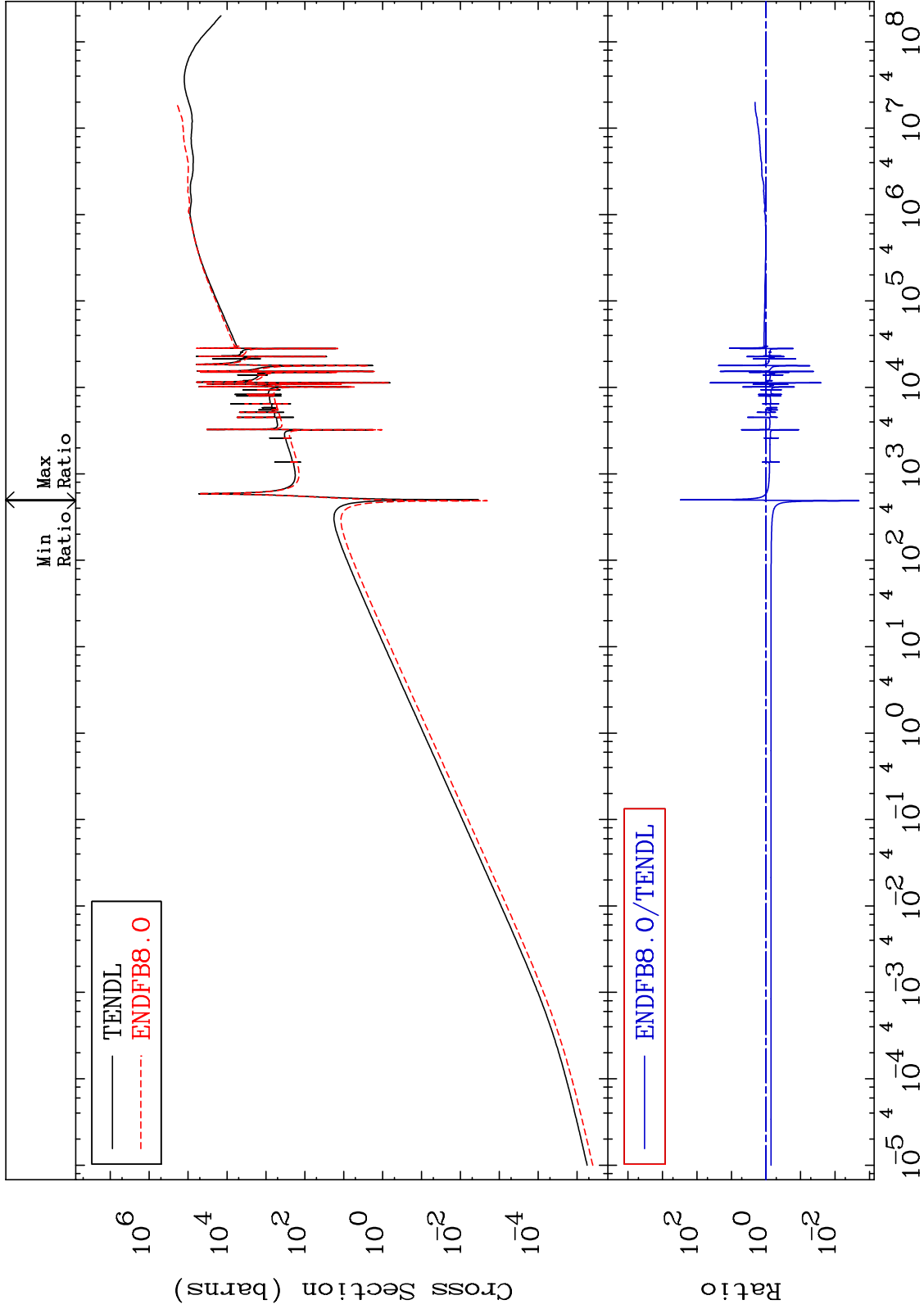
38-Sr-86
-11.80 To 9999. %



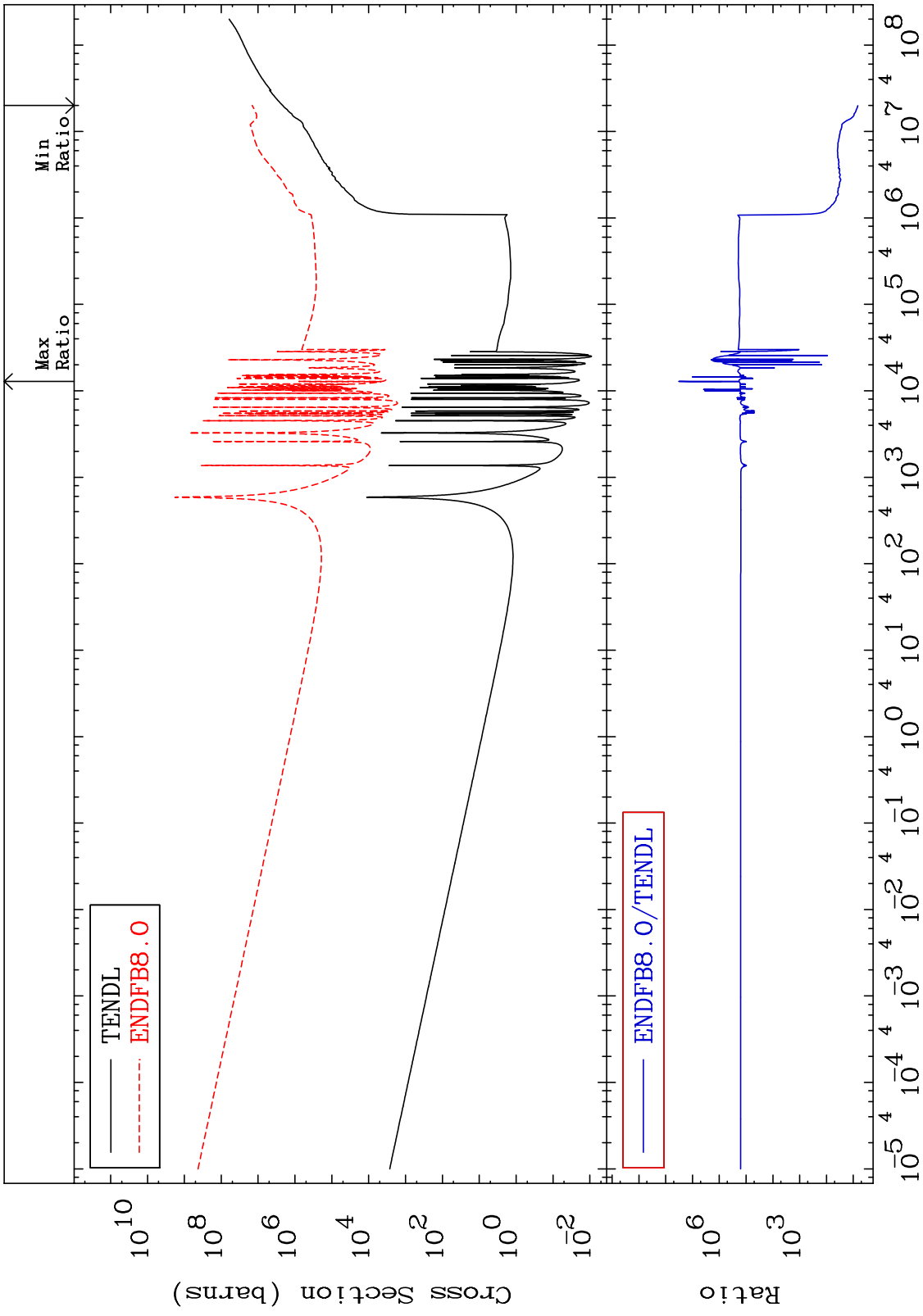
MAT 3831

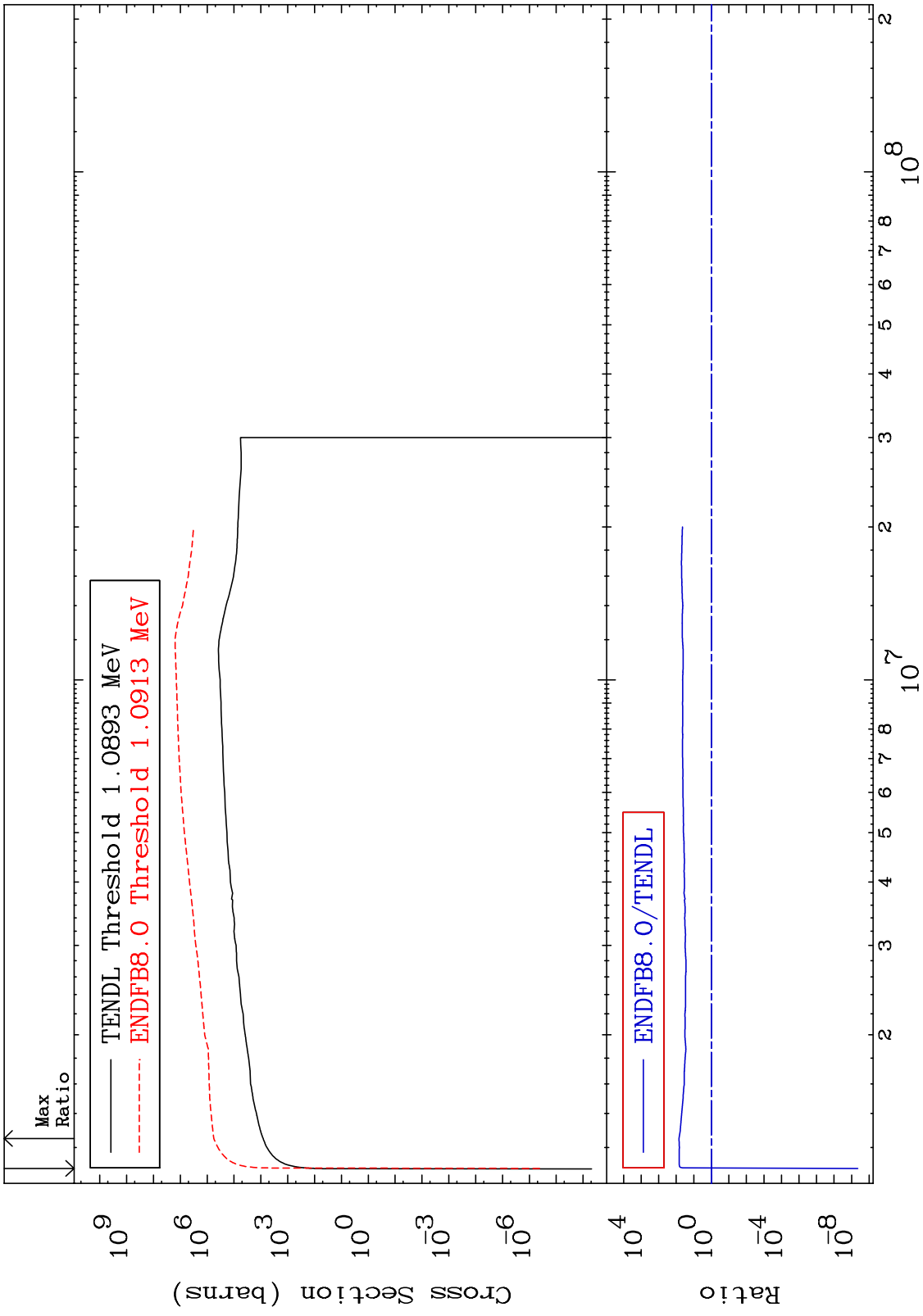
Kerma elastic
Cross Section

38-Sr-86
-99.80 To 9999. %



MAT 3831 Kerma non-elastic (all but mt2) 38-Sr-86
 Cross Section 575.5 To 9999. %

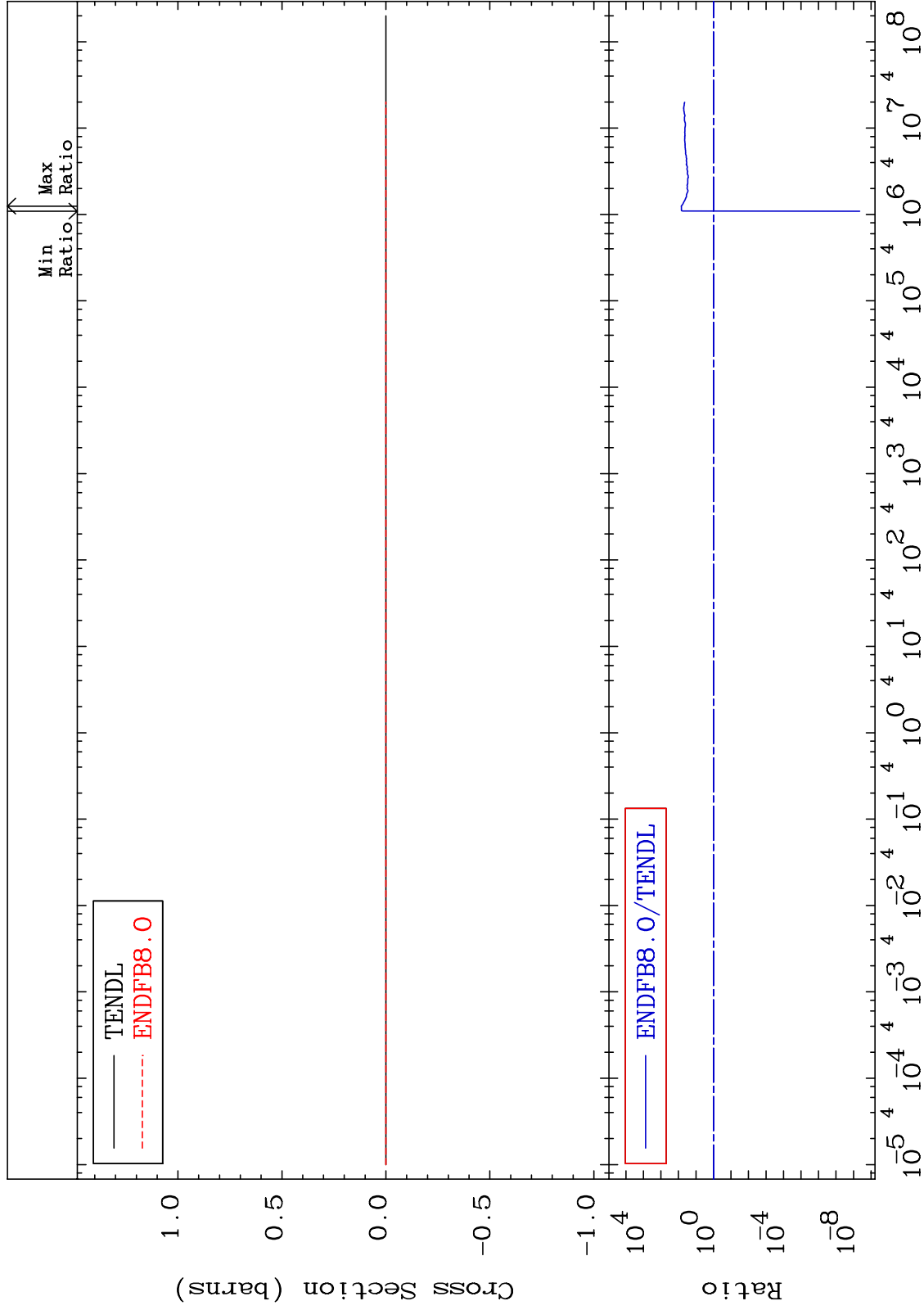




MAT 3831

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

38-Sr-86
-100.0 To 6780. %



35

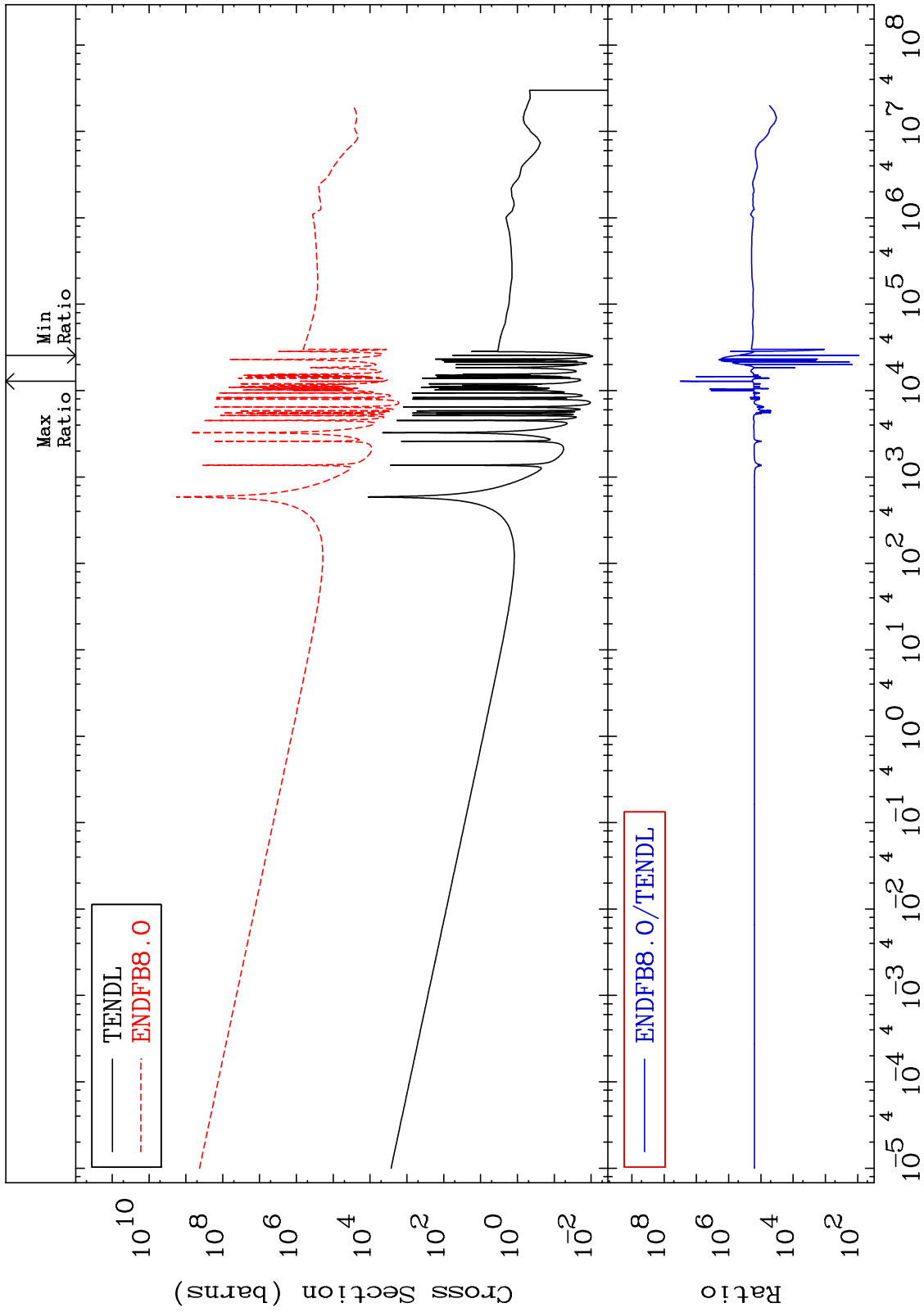
Incident Energy (eV)

38-Sr-86

MAT 3831

Kerma capture (mt102)
Cross Section

38-Sr-86
9049. To 9999. %



36

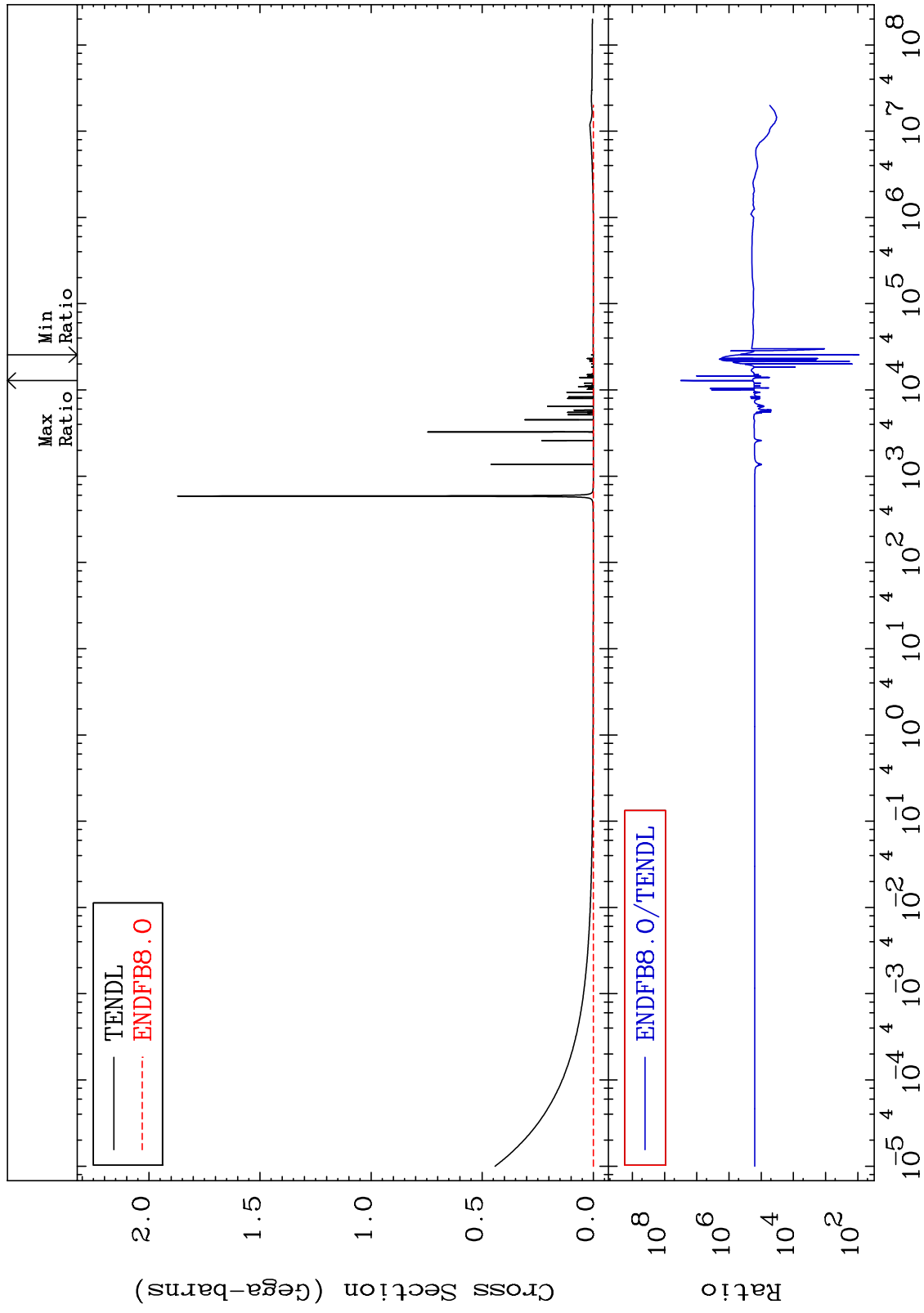
Incident Energy (eV)

38-Sr-86

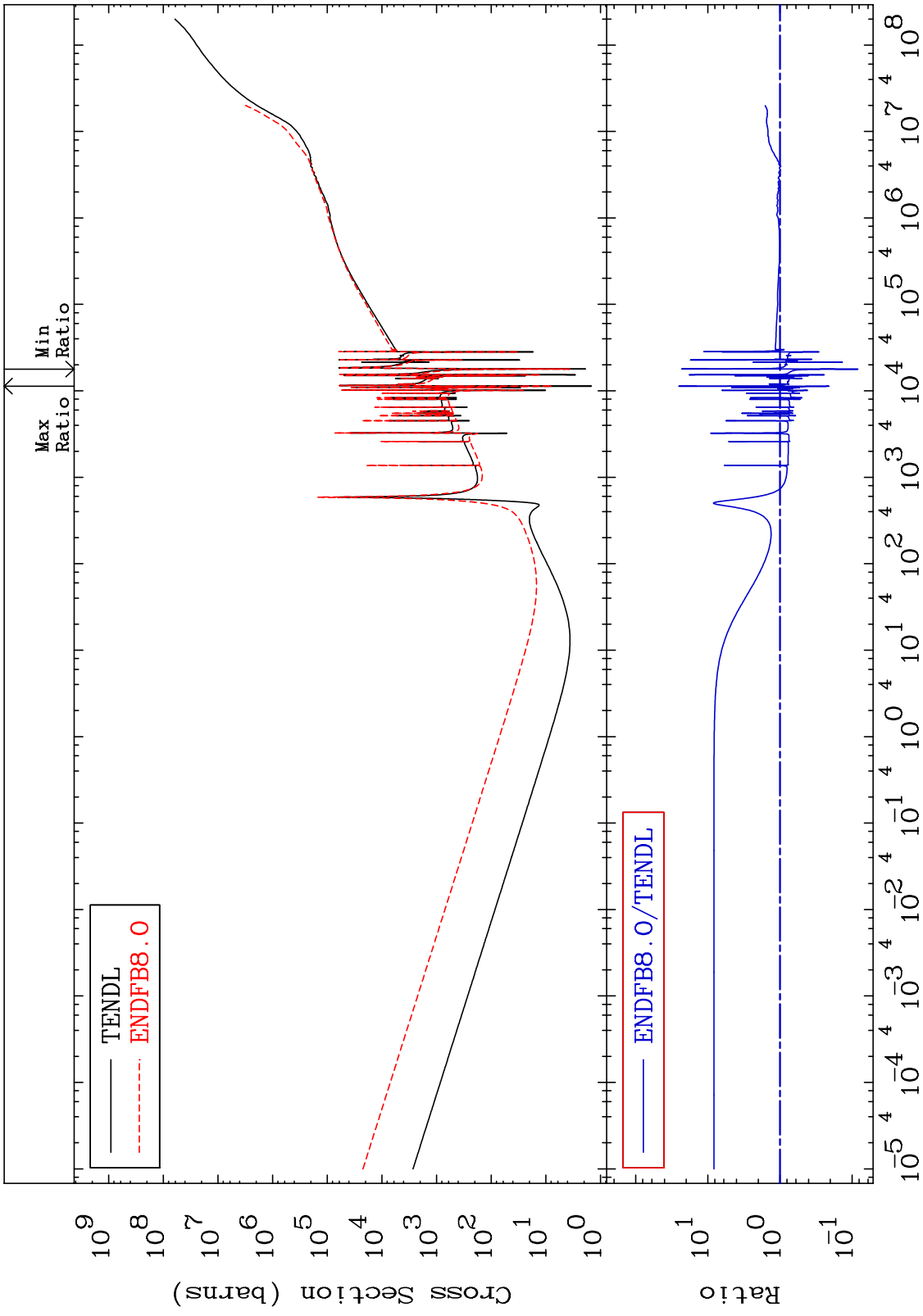
MAT 3831

Total photon (eV-barns)
Cross Section

38-Sr-86
9049. To 9999. %



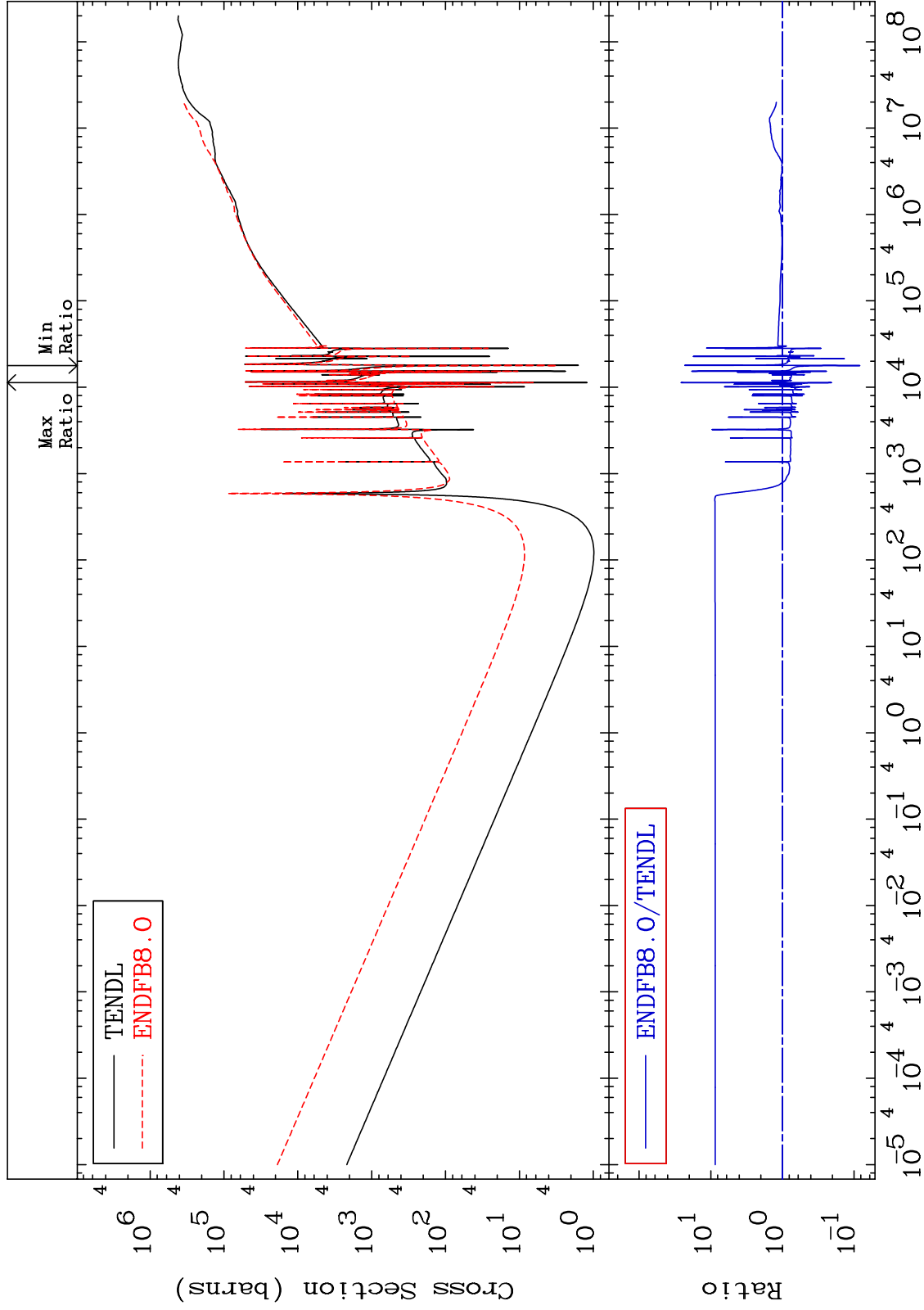
MAT 3831 Total kinematic kerma (high limit) 38-Sr-86
 Cross Section -91.69 To 2412. %



MAT 3831

Dpa total (eV-barns)
Cross Section

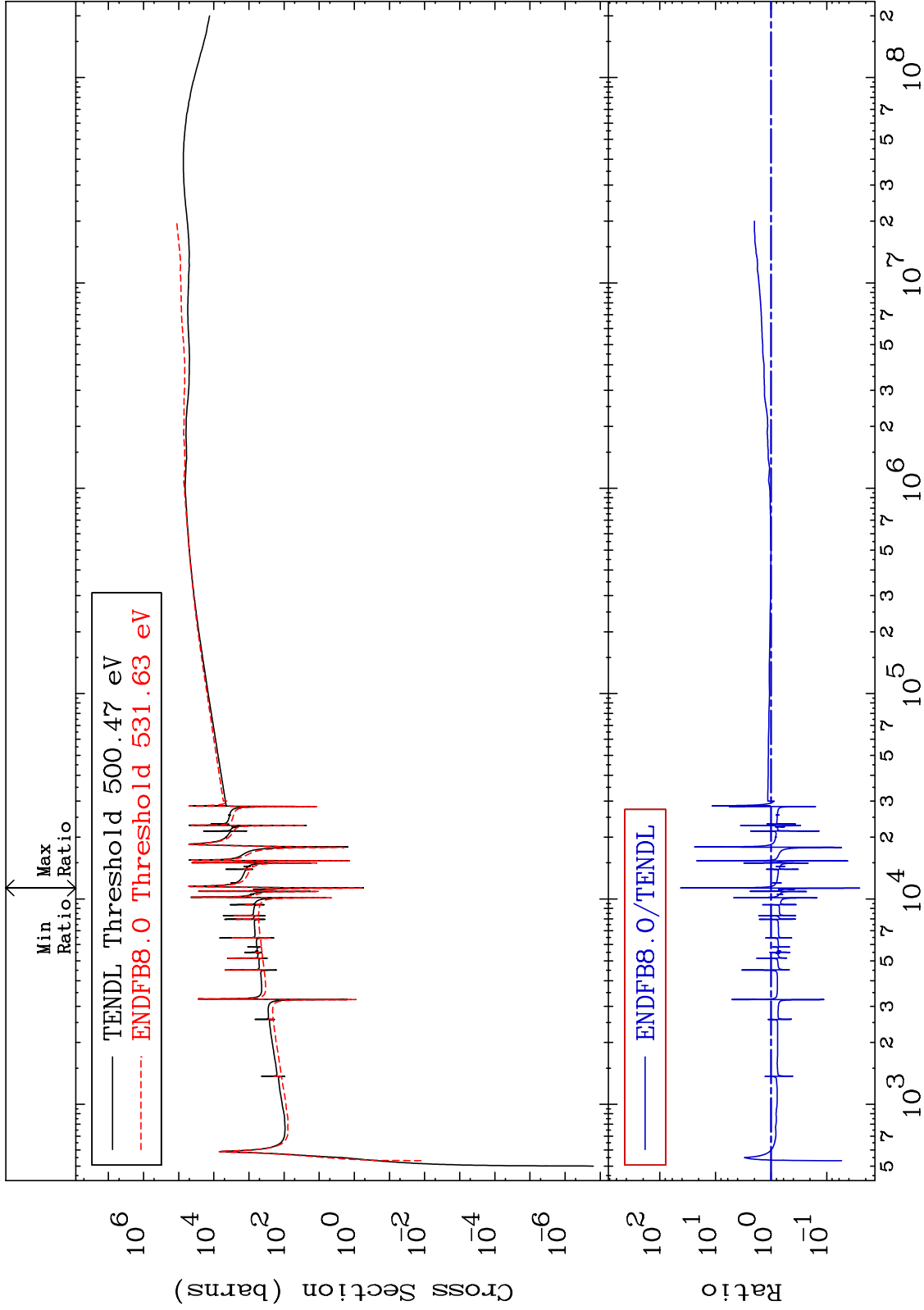
38-Sr-86
-91.70 To 2483. %



MAT 3831

Dpa elastic (mt2)
Cross Section

38-Sr-86
-97.44 To 4099. %



40

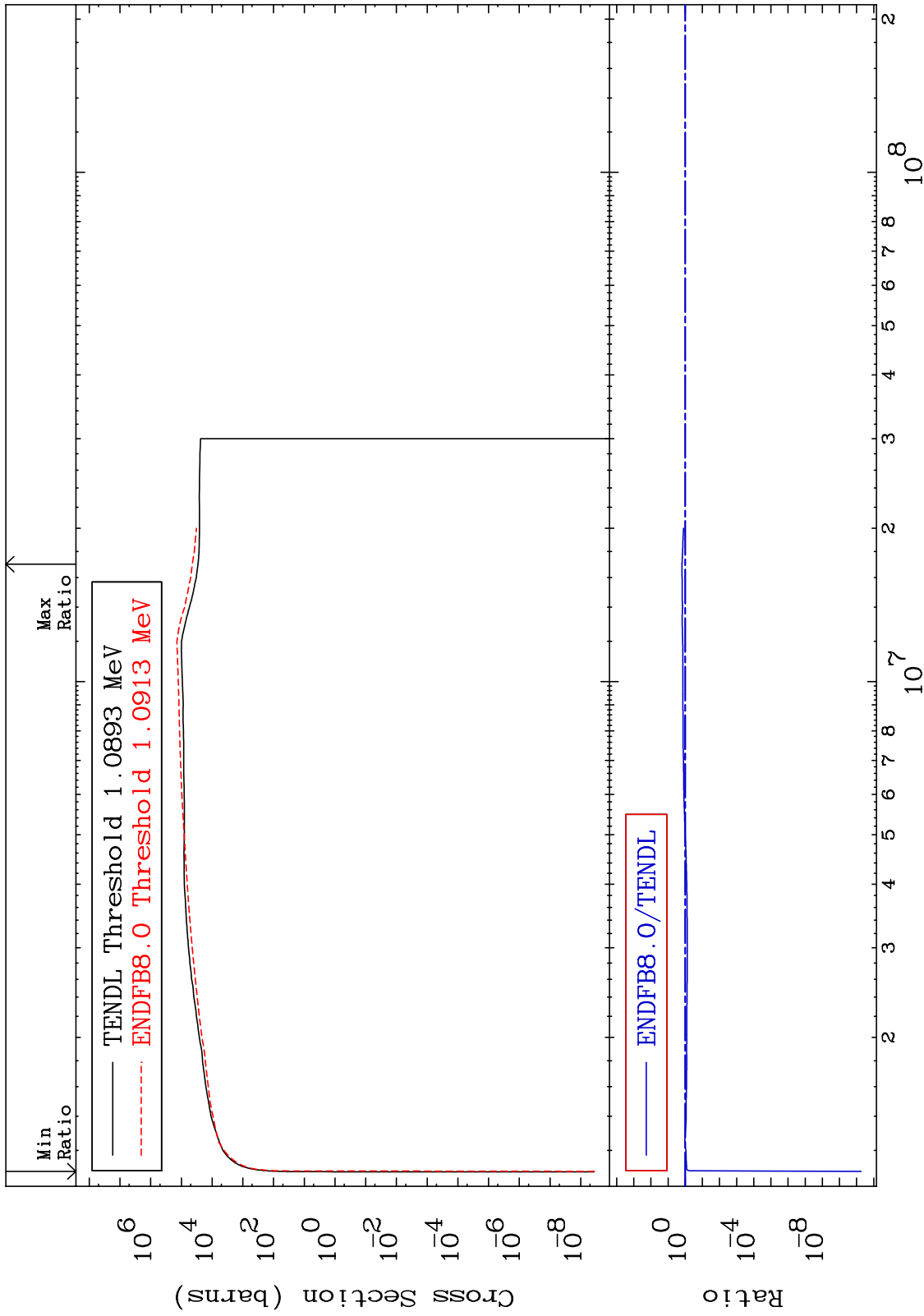
Incident Energy (eV)

38-Sr-86

MAT 3831

Dpa inelastic (mt51-91)
Cross Section

38-Sr-86
-100.0 To 53.16 %



MAT 3831

Dpa disappearance (mt102 -120)
Cross Section

38-Sr-86
-99.17 To 9999. %

