

Program Complot
(Version 2018-1)

by

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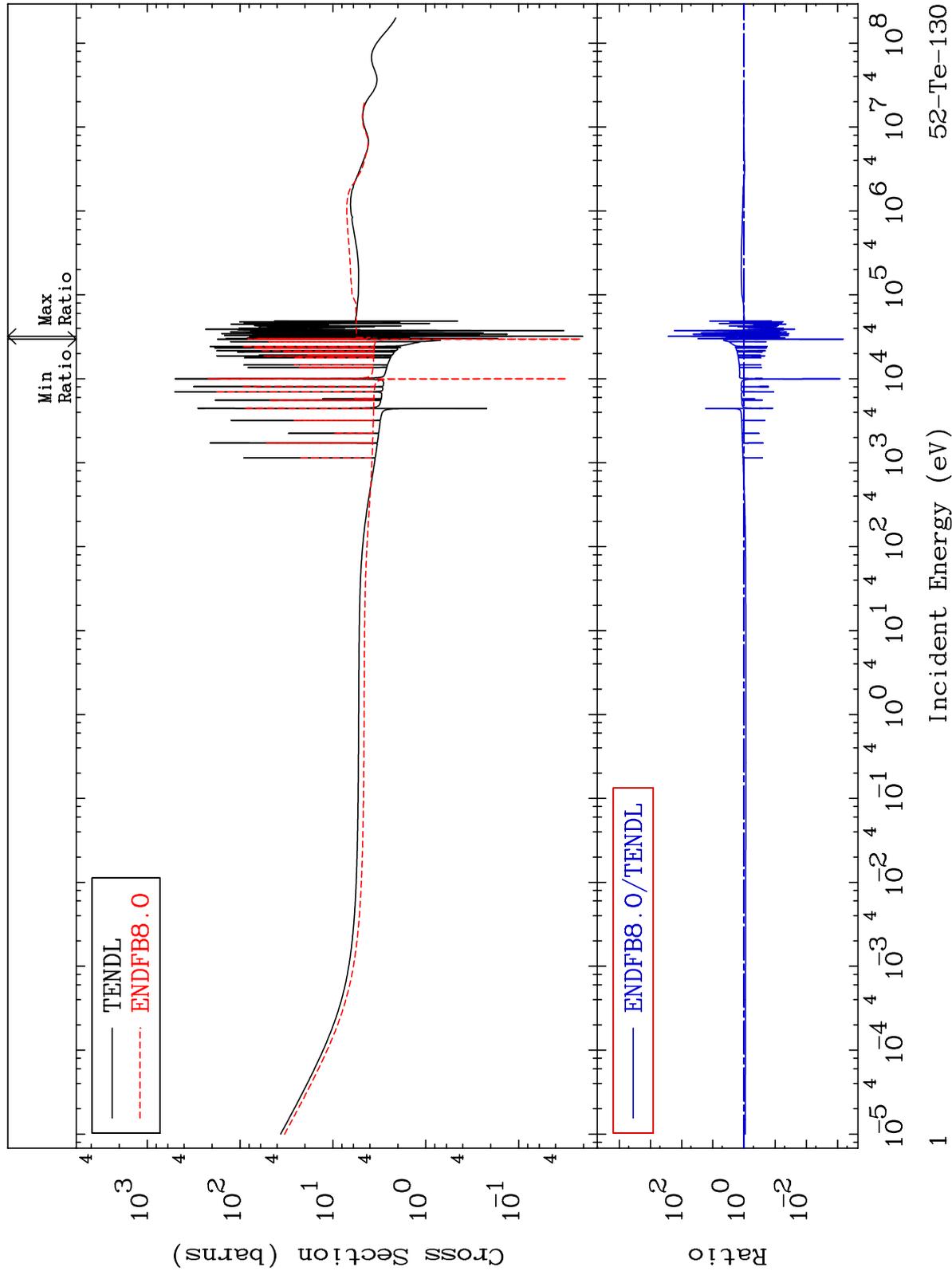
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5255

Total
Cross Section

52-Te-130
-99.93 To 9999. %



52-Te-130

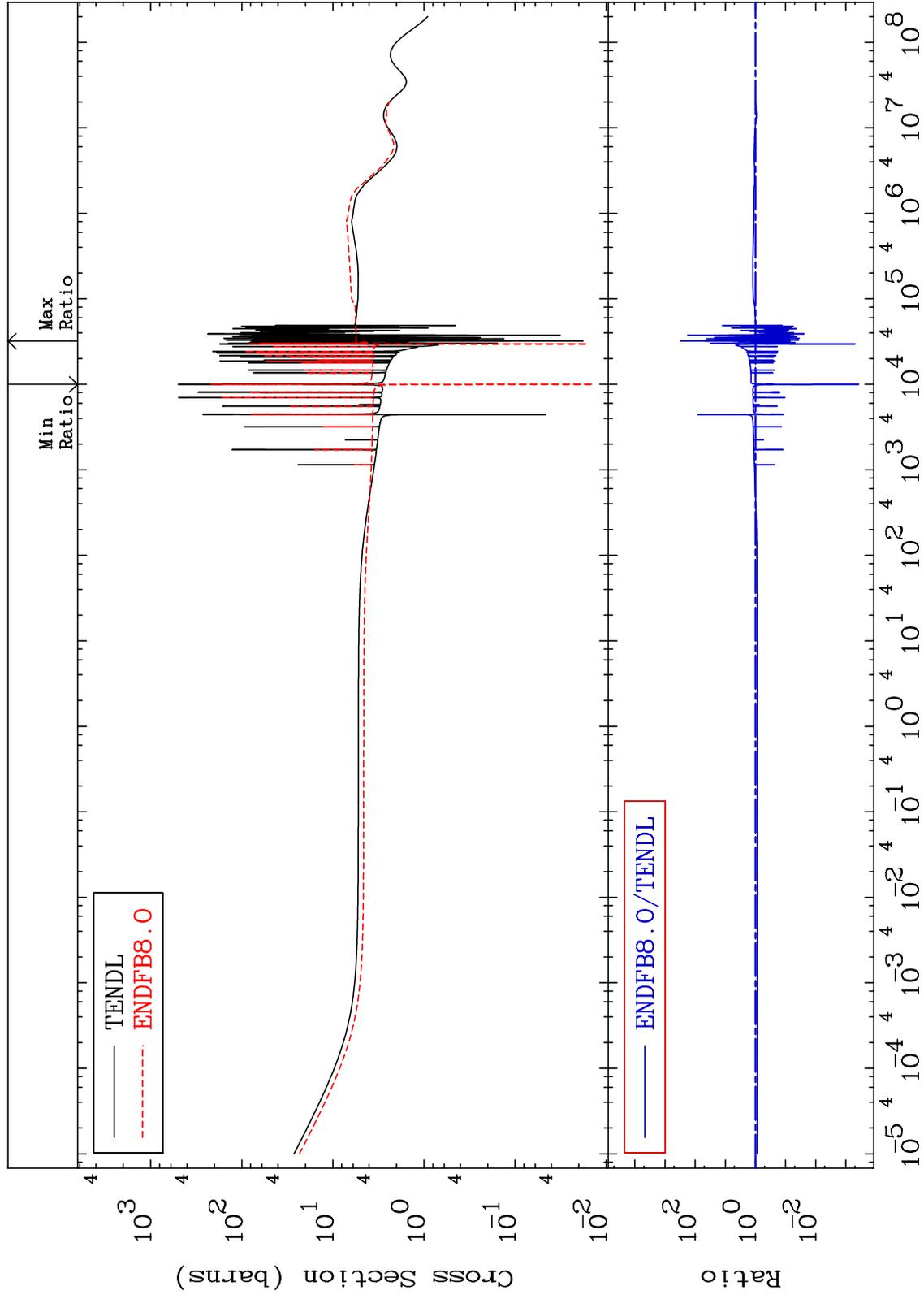
Incident Energy (eV)

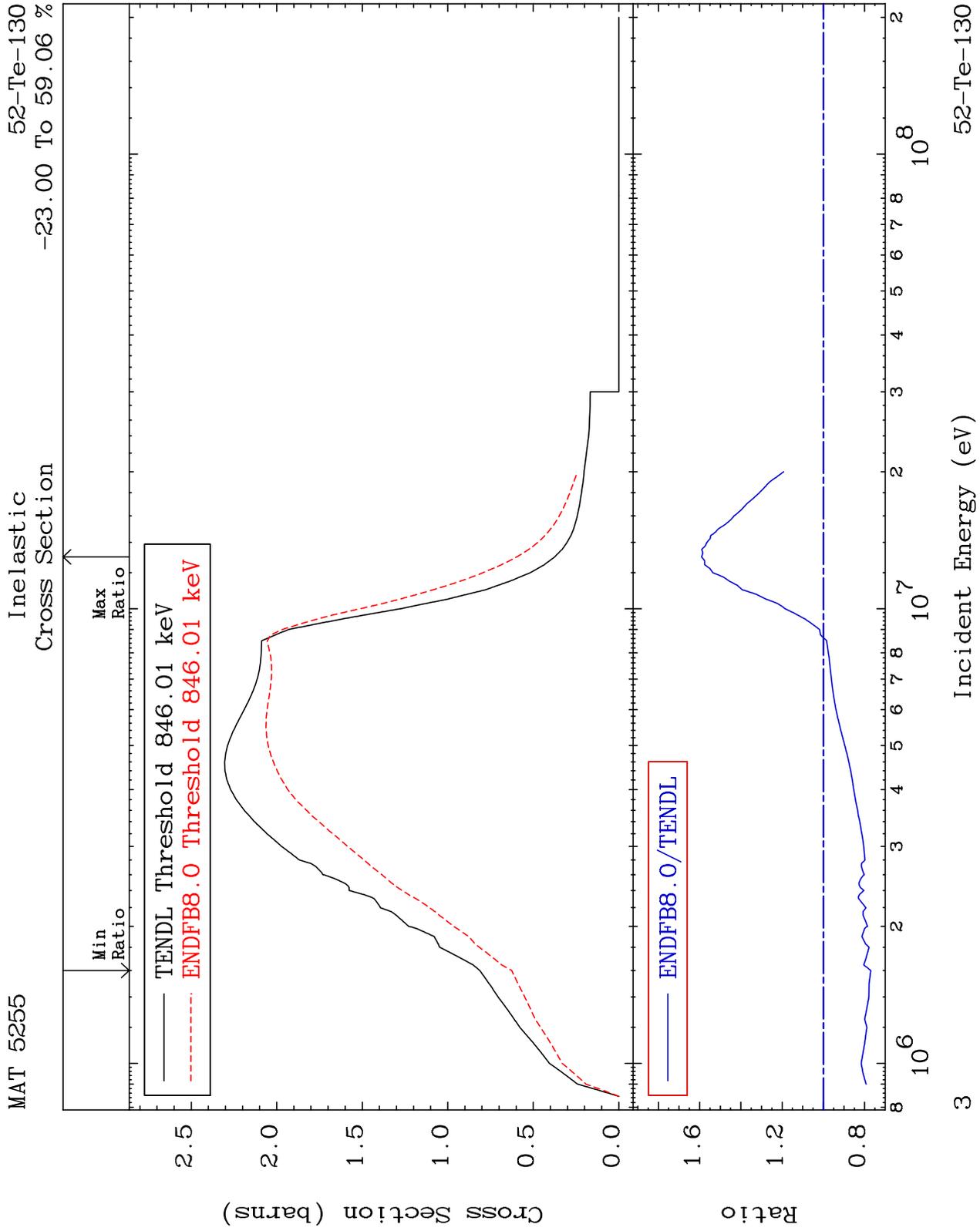
1

MAT 5255

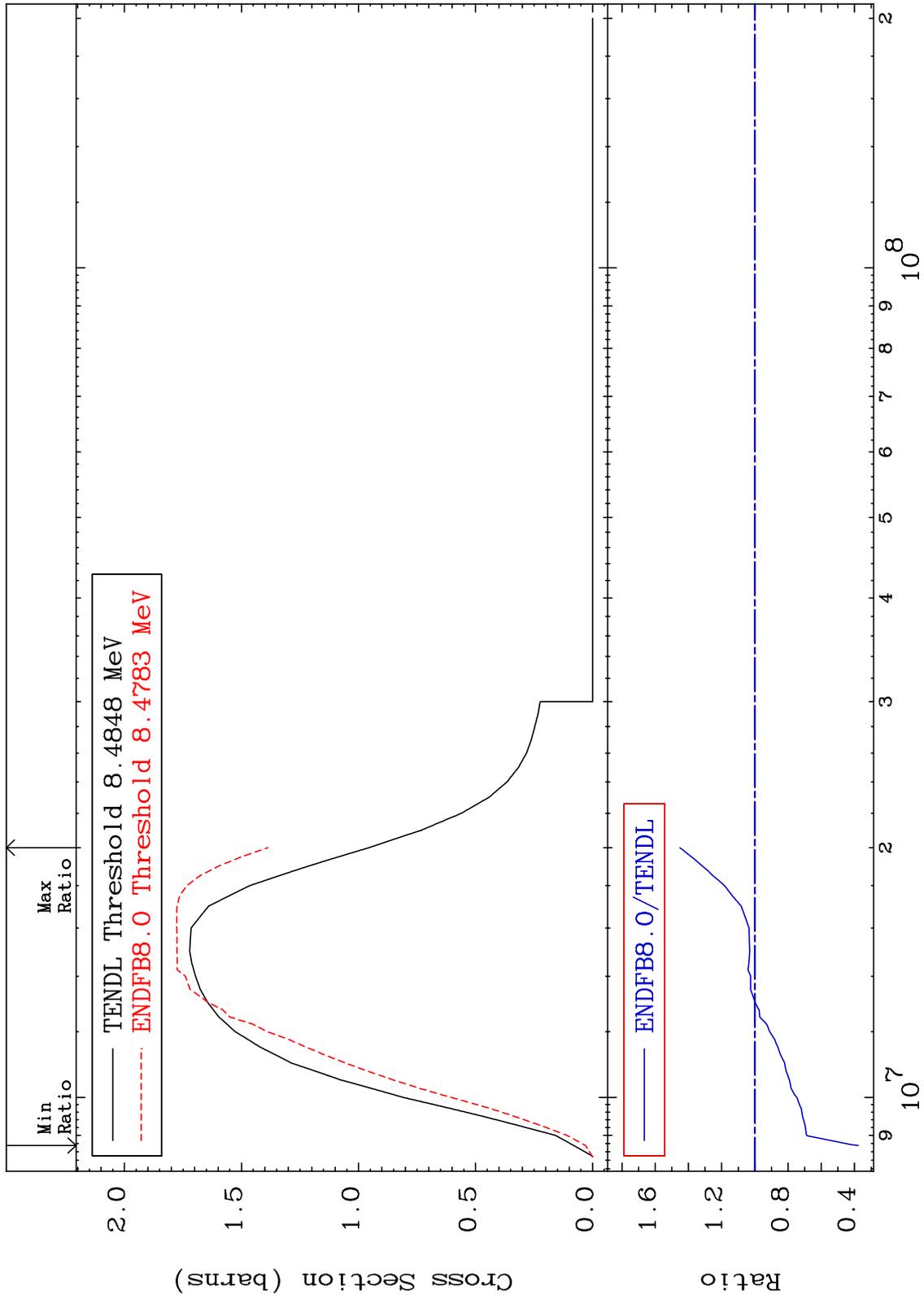
Elastic
Cross Section

52-Te-130
-99.96 To 9999. %





MAT 5255 (n,2n) Cross Section 52-Te-130 -62.34 To 45.12 %



4 52-Te-130 Incident Energy (eV)

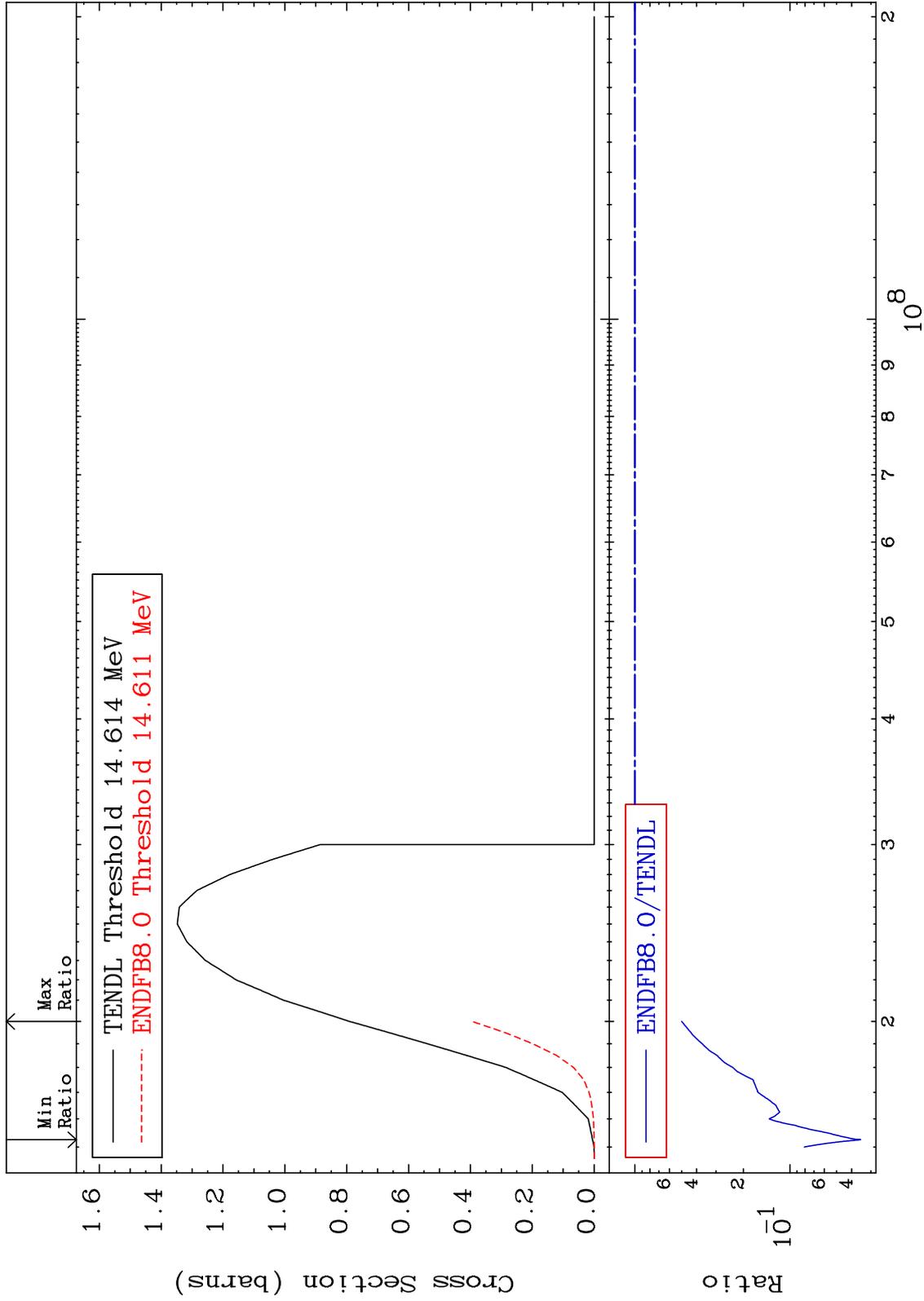
MAT 5255

(n, 3n)

52-Te-130

Cross Section

-96.50 To -50.10%



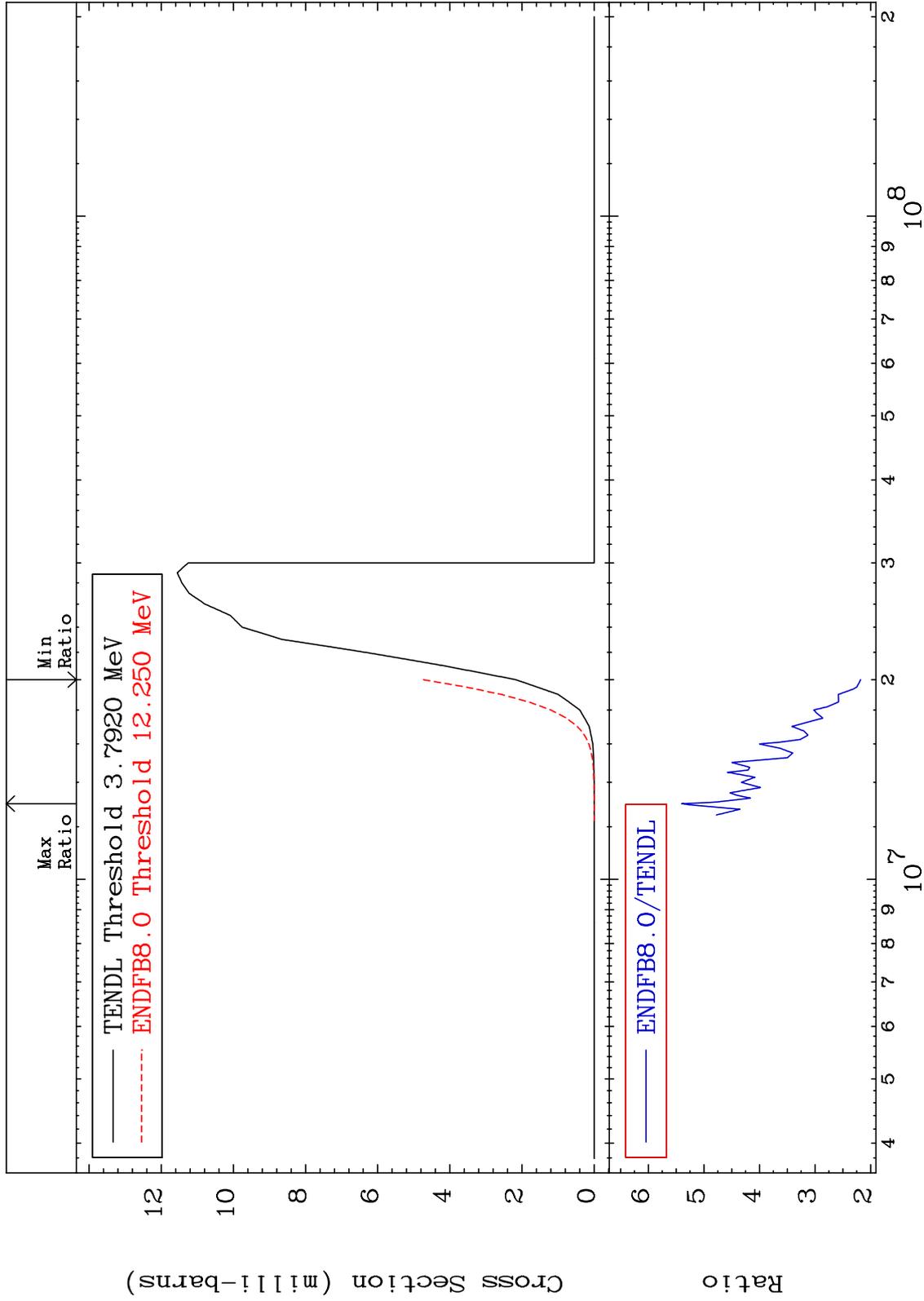
MAT 5255

(n, n') α

52-Te-130

Cross Section

117.9 To 439.9 %



6

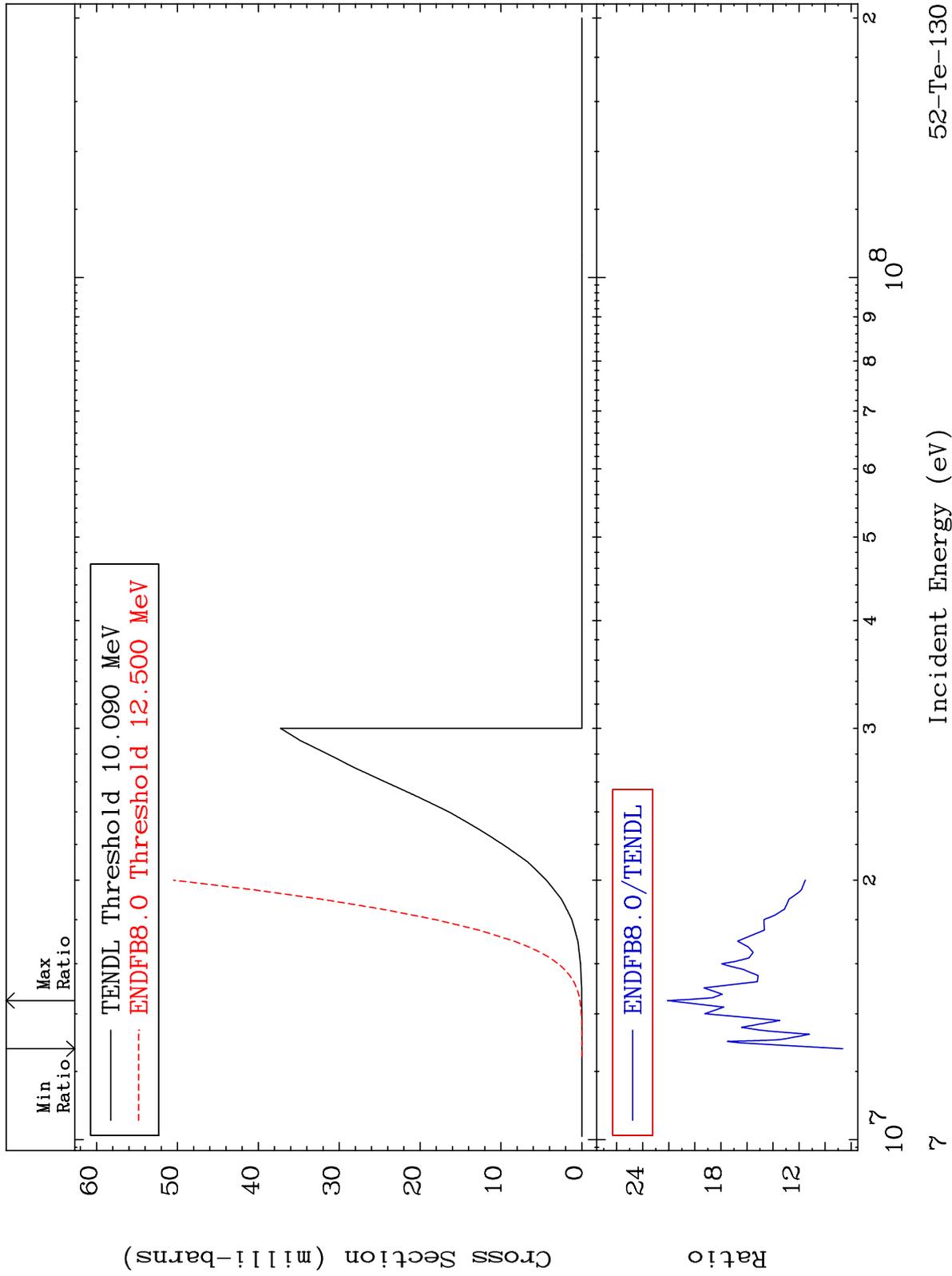
Incident Energy (eV)

52-Te-130

MAT 5255

(n,n') p
Cross Section

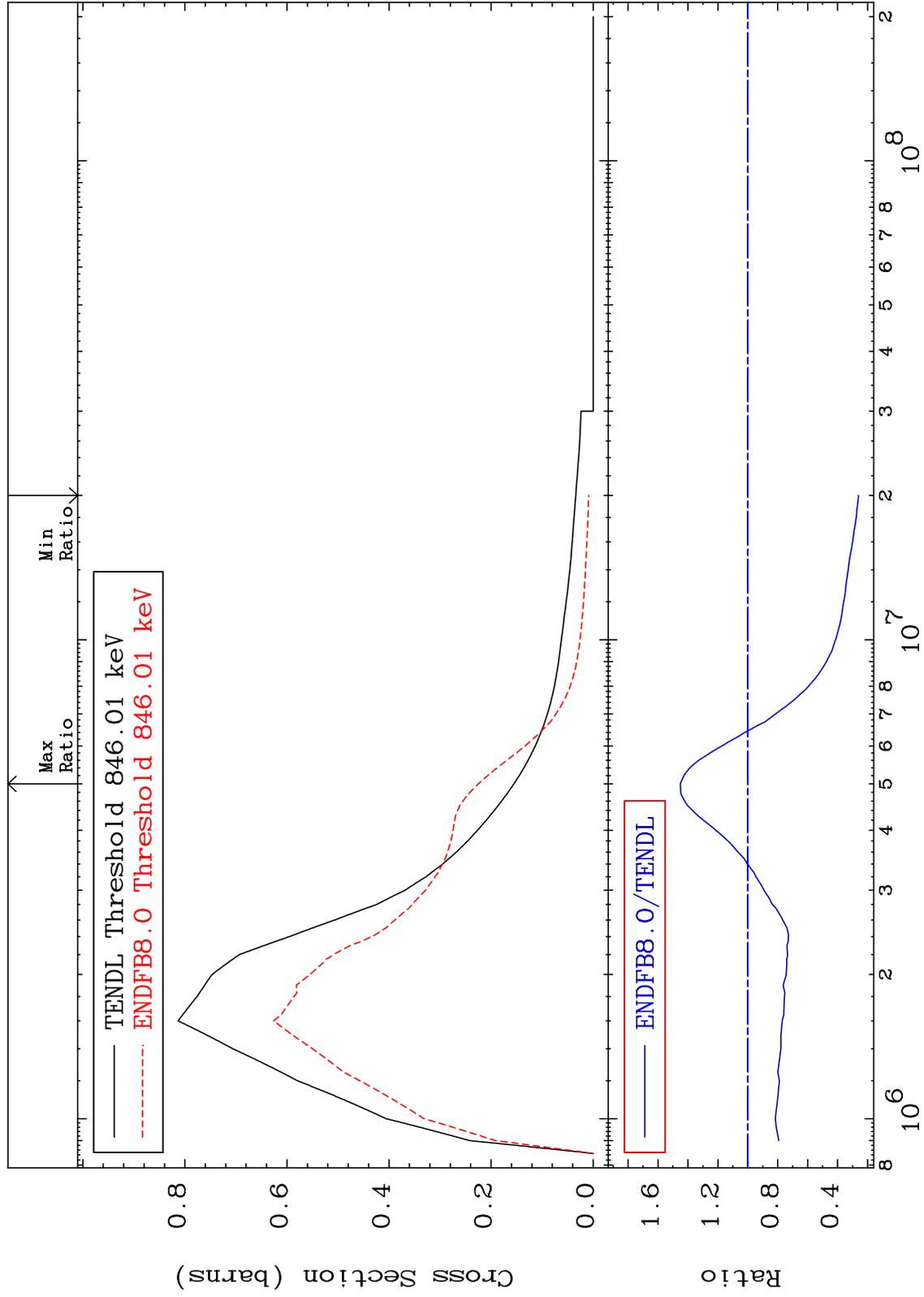
52-Te-130
763.7 To 2109. %



MAT 5255

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

52-Te-130
-73.98 To 45.07 %



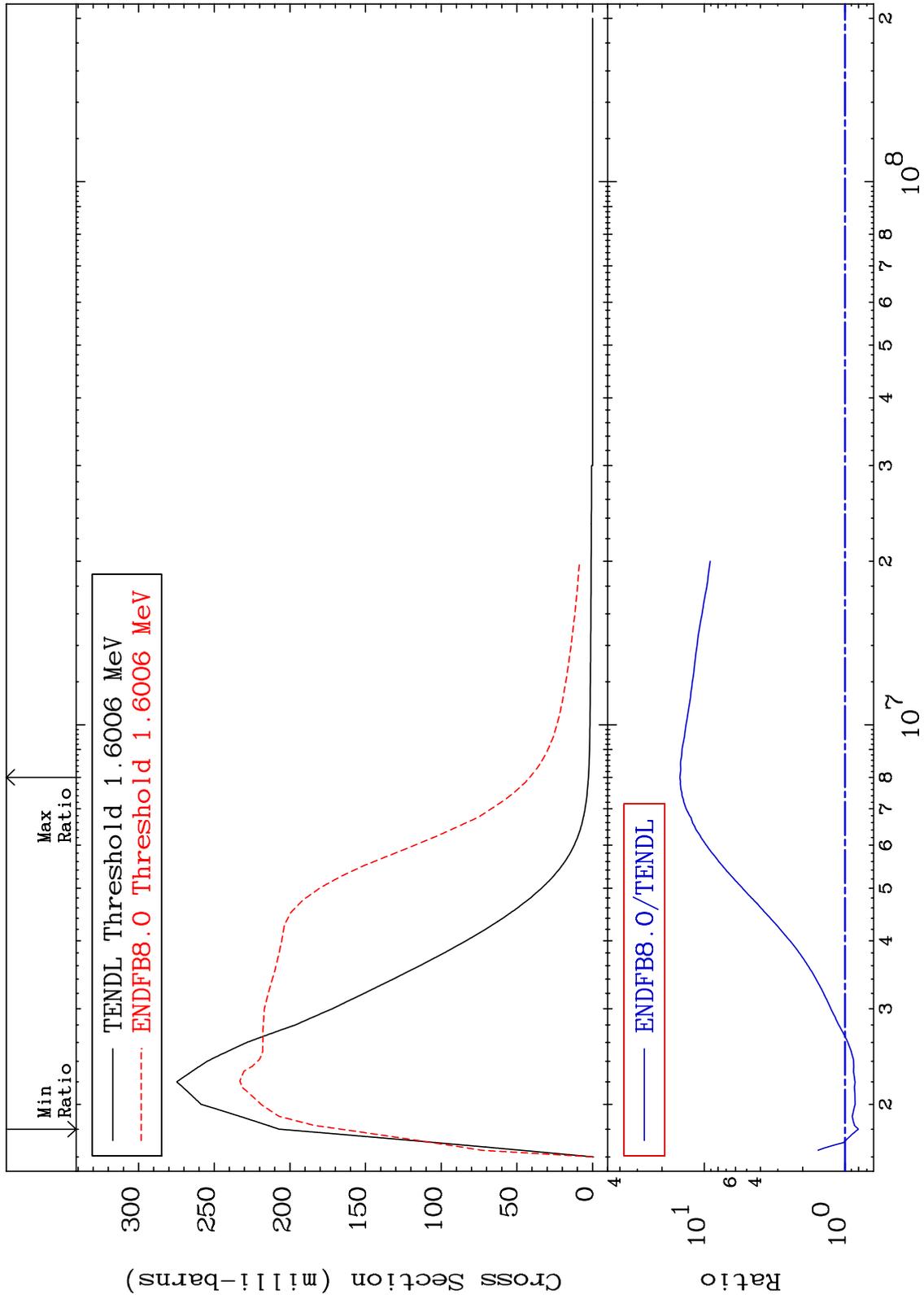
Incident Energy (eV)

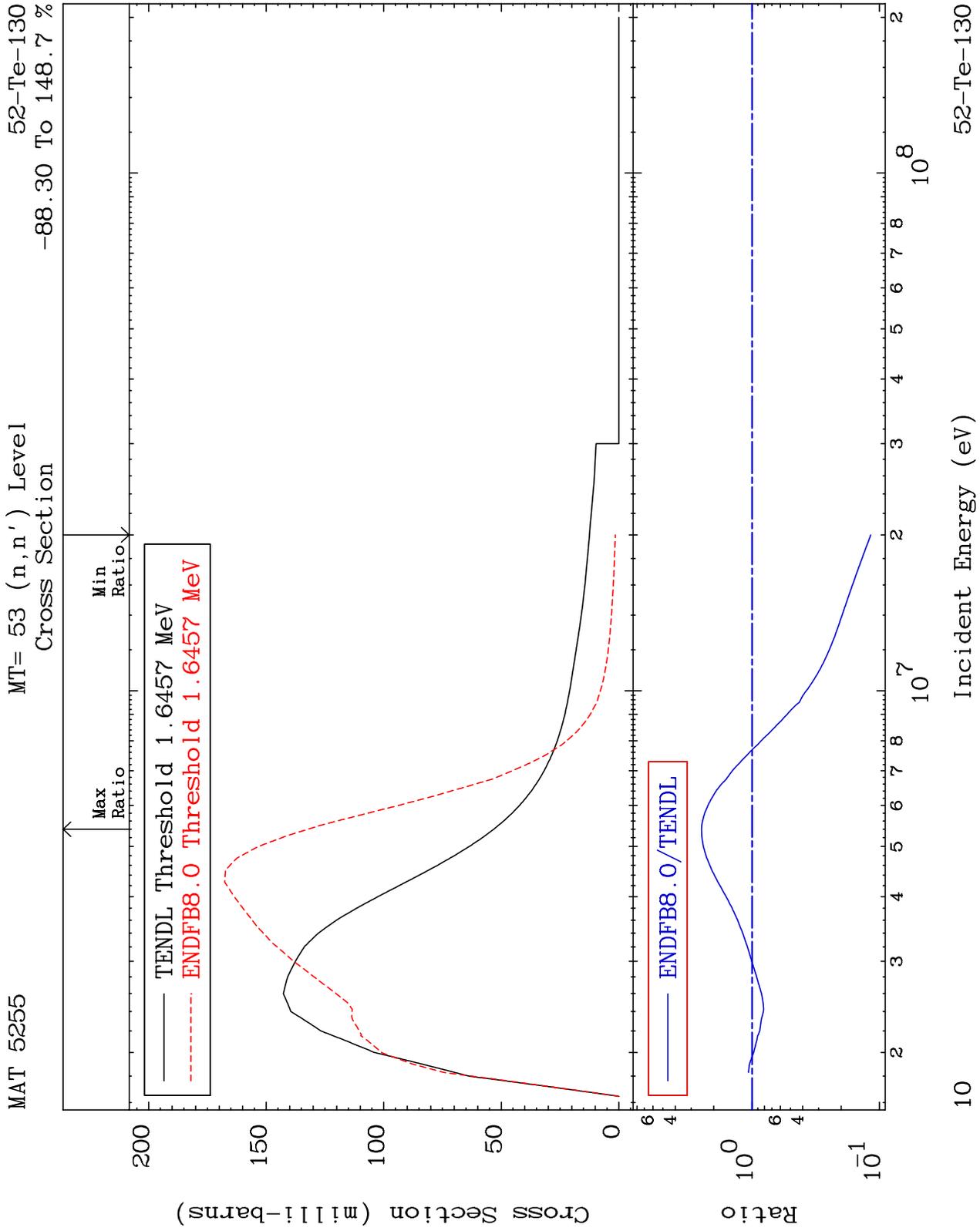
52-Te-130

MAT 5255

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

52-Te-130
-19.70 To 1393. %

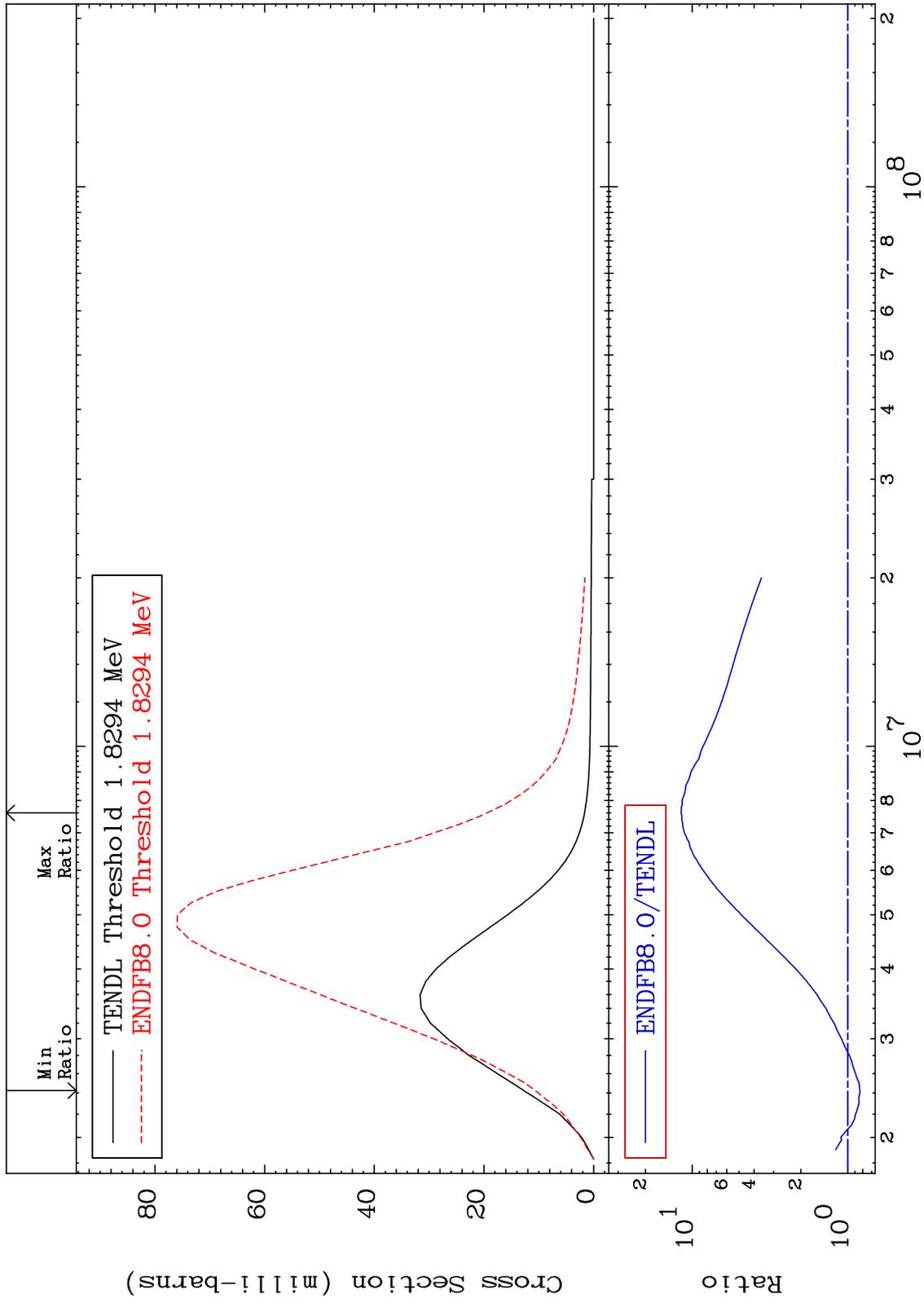




MAT 5255

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

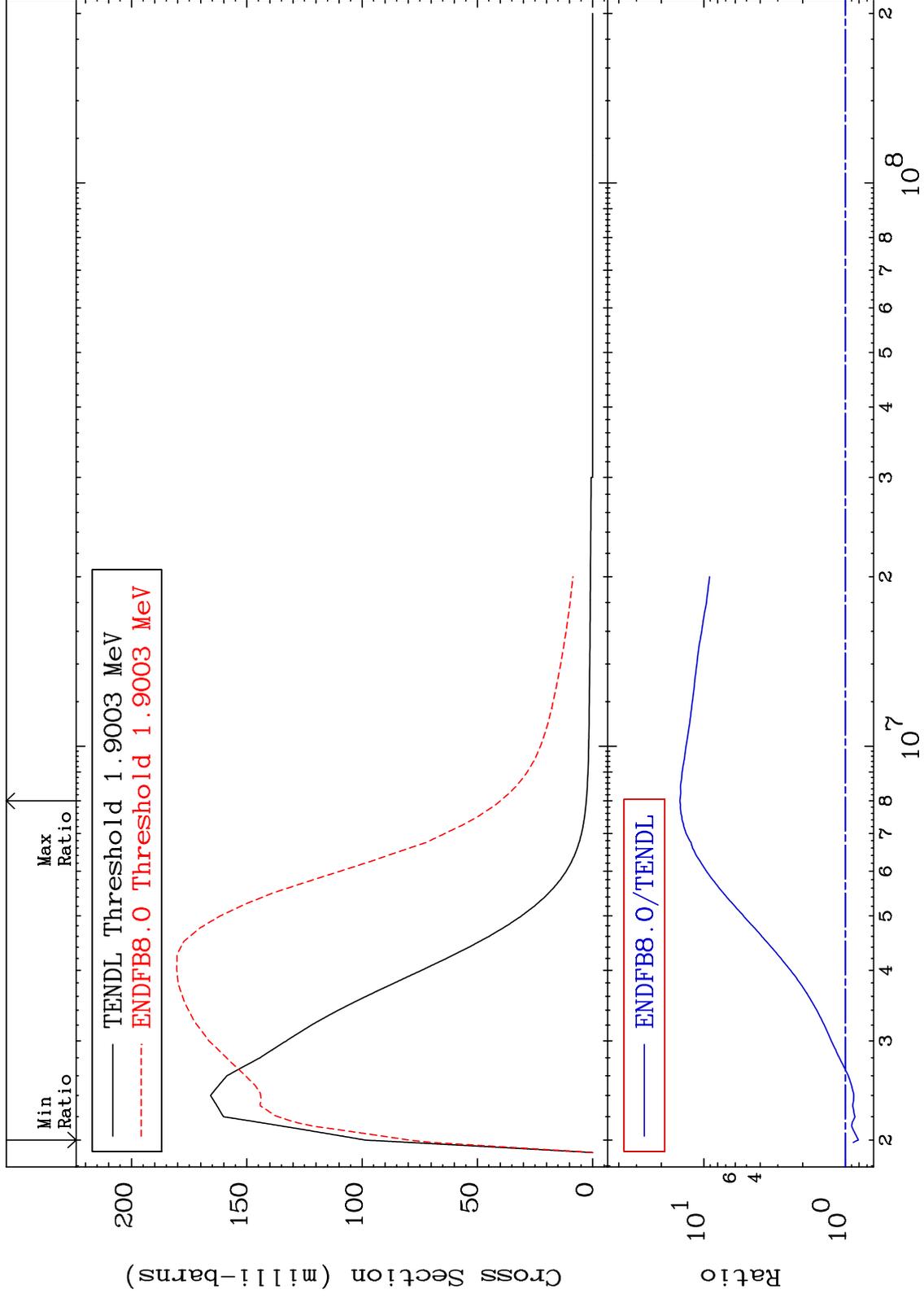
52-Te-130
-16.56 To 1079. %



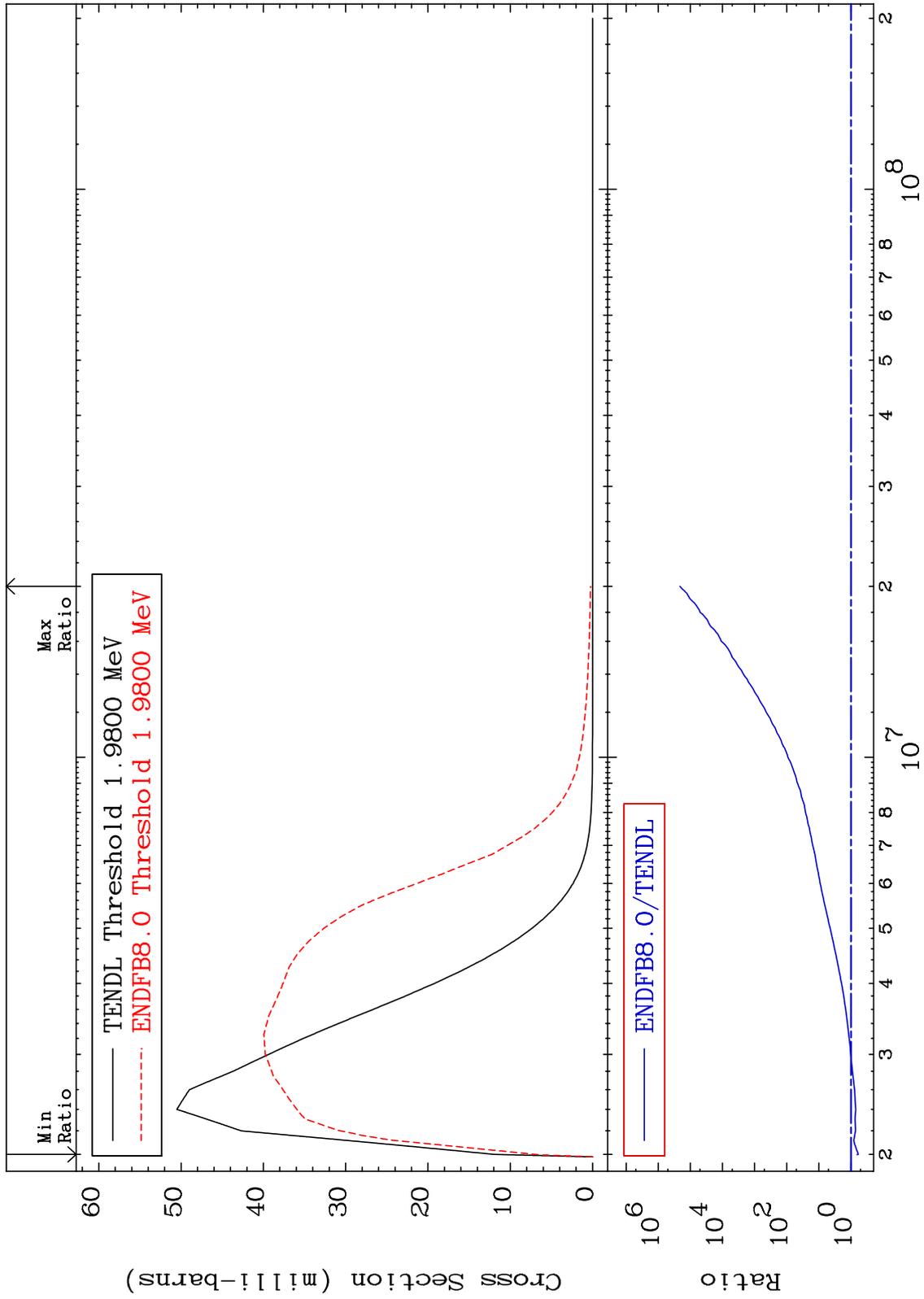
MAT 5255

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

52-Te-130
-19.34 To 1376. %



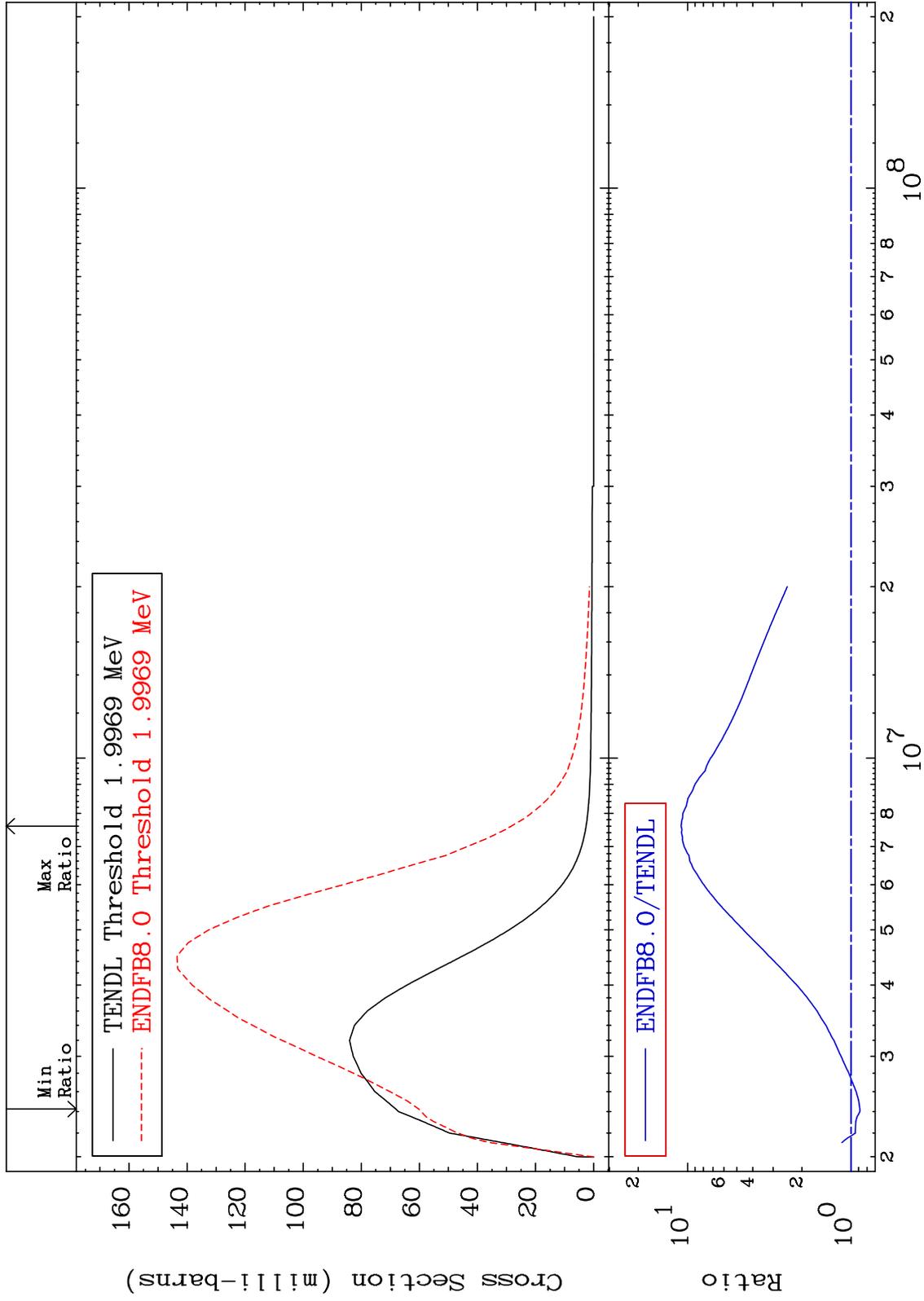
MAT 5255 MT= 56 (n,n') Level Cross Section 52-Te-130
 -41.52 To 9999. %



MAT 5255

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

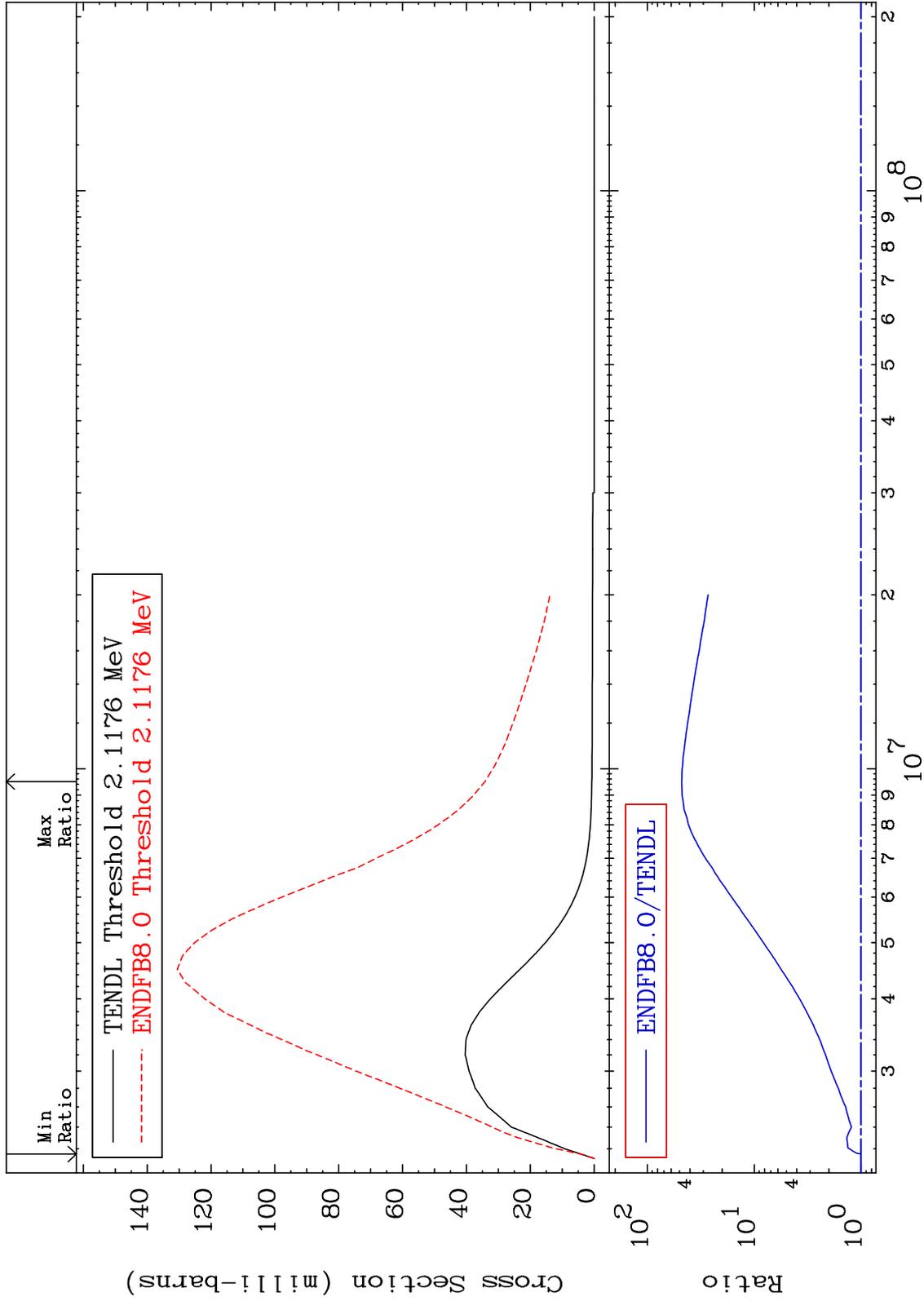
52-Te-130
-11.59 To 994.4 %



MAT 5255

MT= 58 (n,n') Level
Cross Section

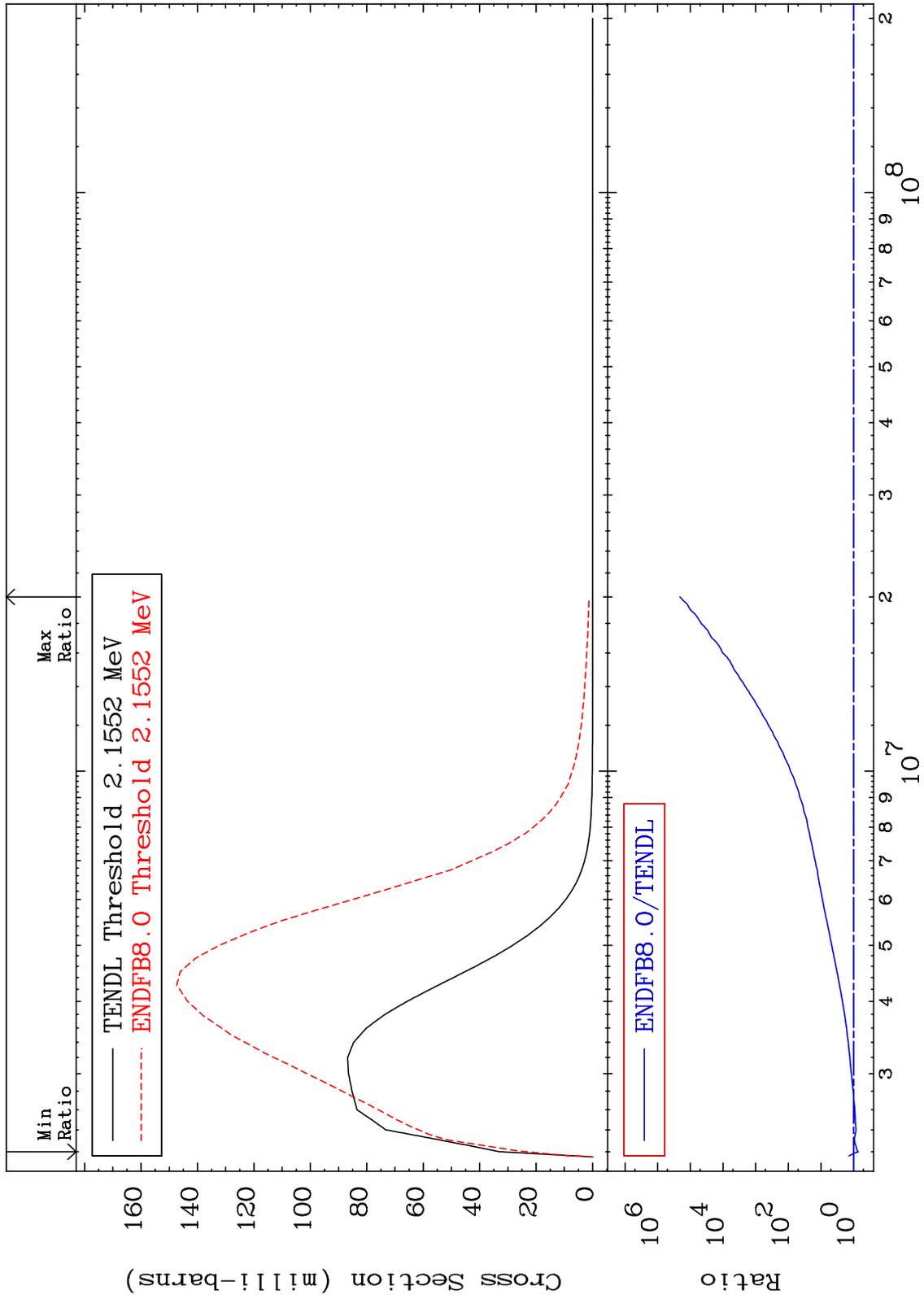
52-Te-130
0.996 To 4668. %



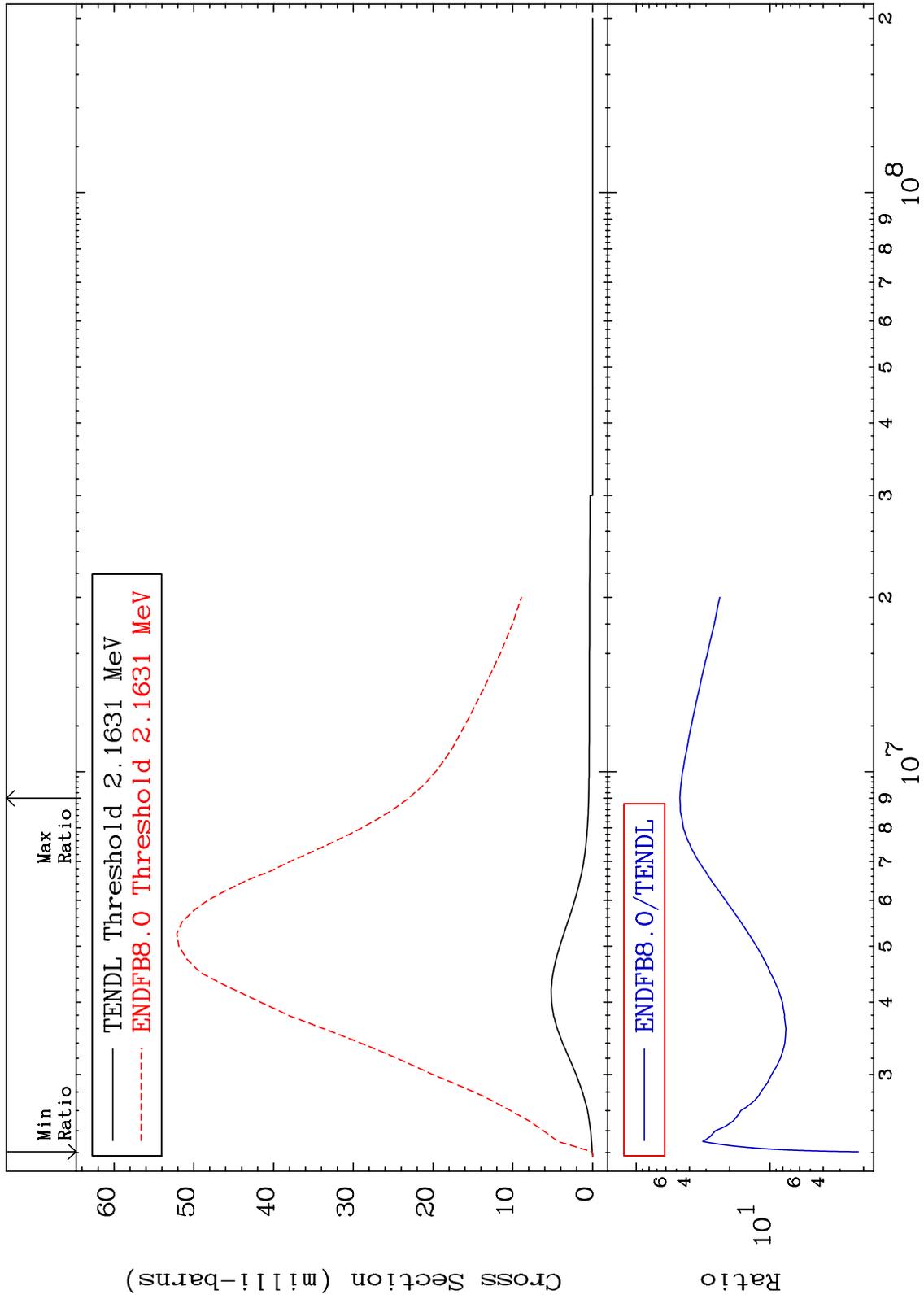
MAT 5255

MT= 59 (n,n') Level
Cross Section

52-Te-130
-28.77 To 9999. %



MAT 5255 MT= 60 (n,n') Level Cross Section 52-Te-130
 118.4 To 4611. %



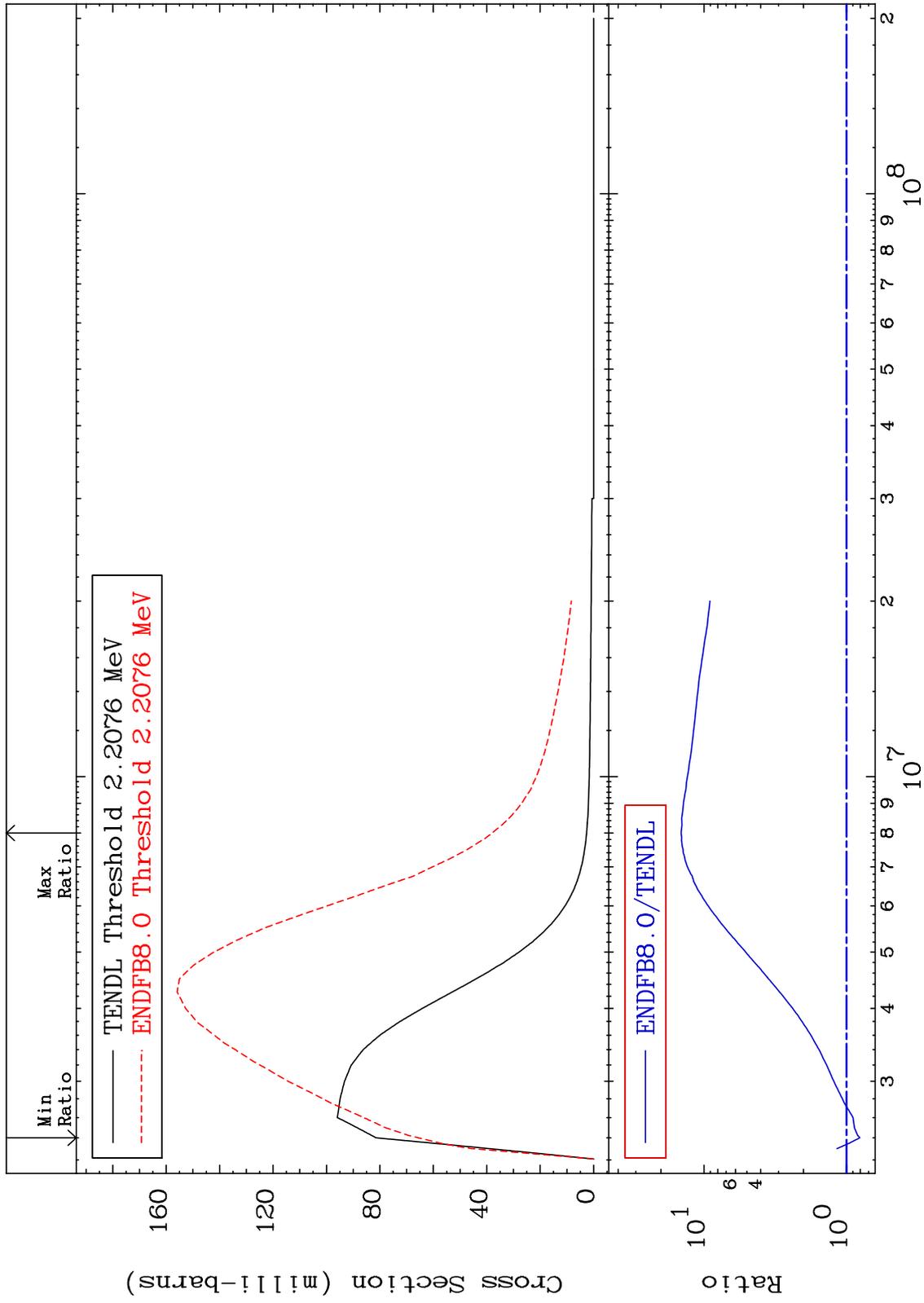
52-Te-130

Incident Energy (eV)

MAT 5255

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

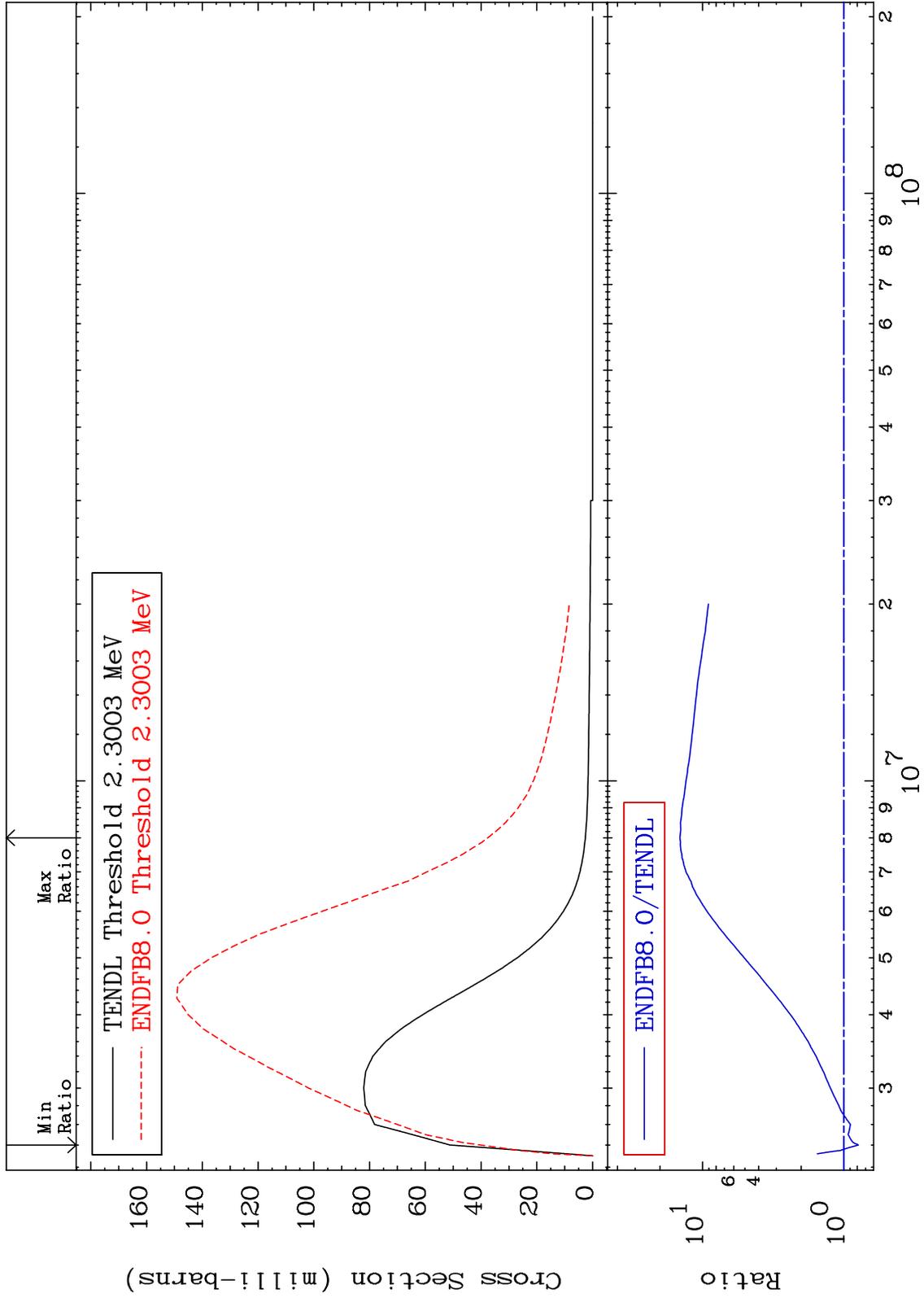
52-Te-130
-19.55 To 1345. %



MAT 5255

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

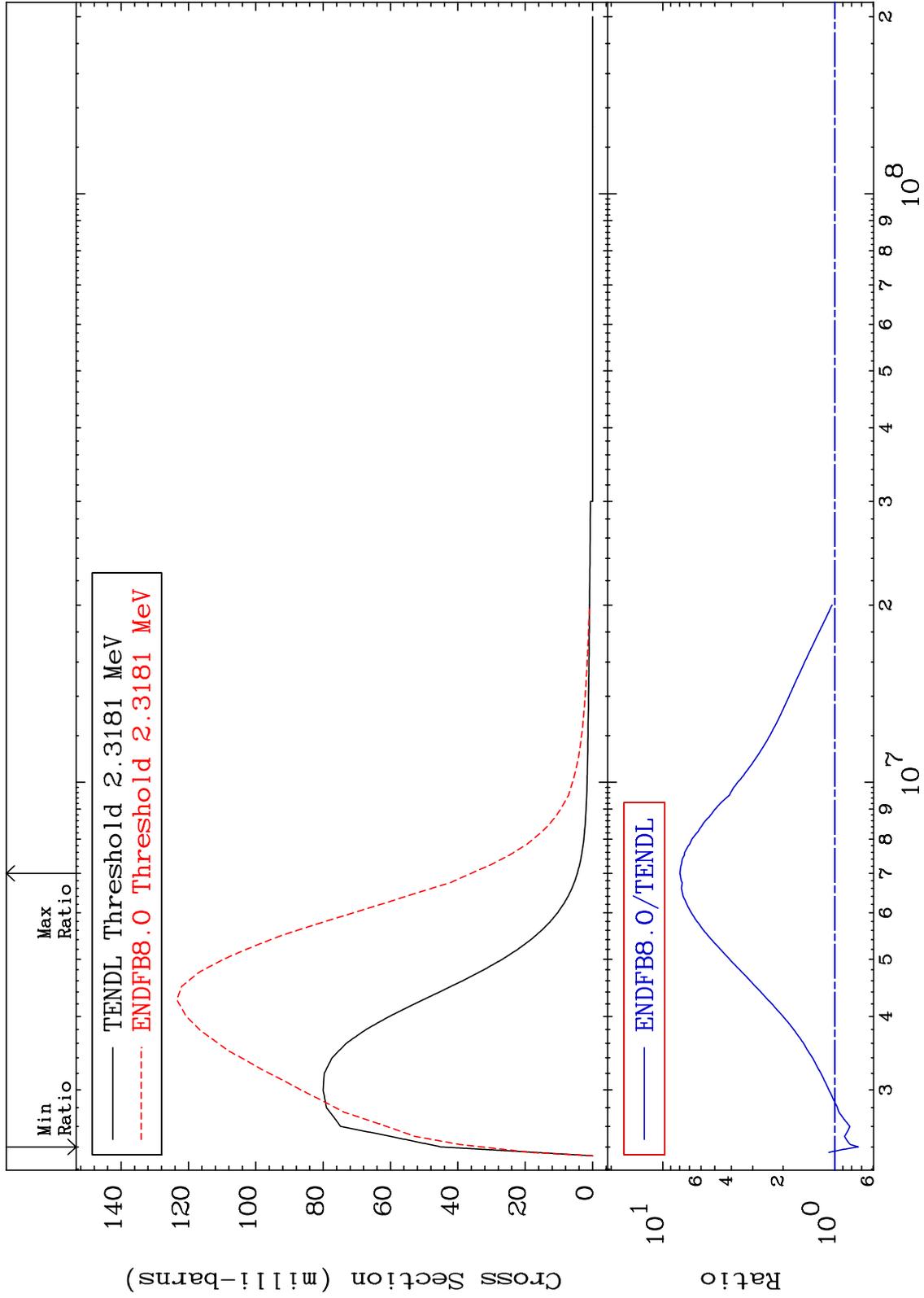
52-Te-130
-21.40 To 1345. %



MAT 5255

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

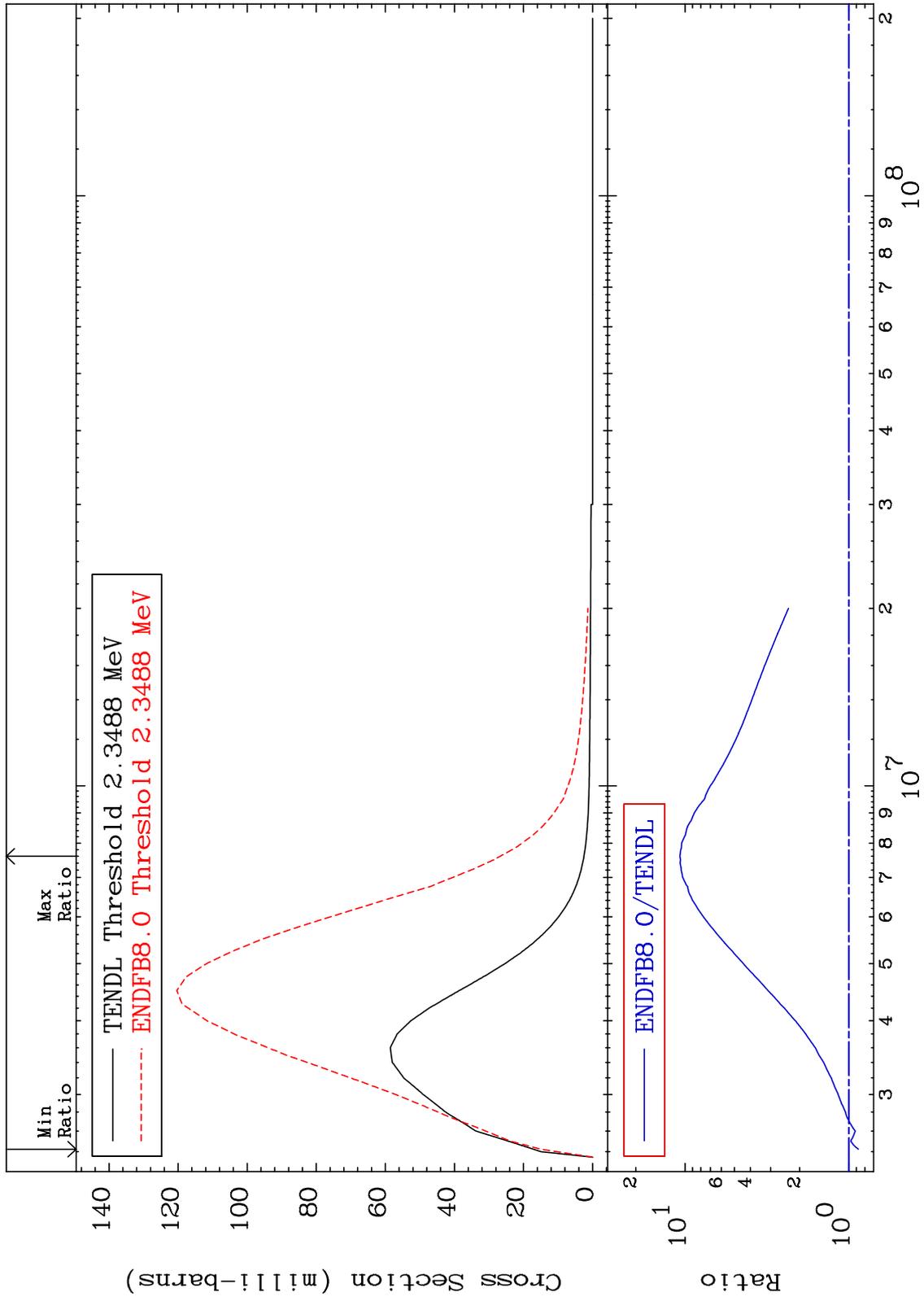
52-Te-130
-27.00 To 696.2 %



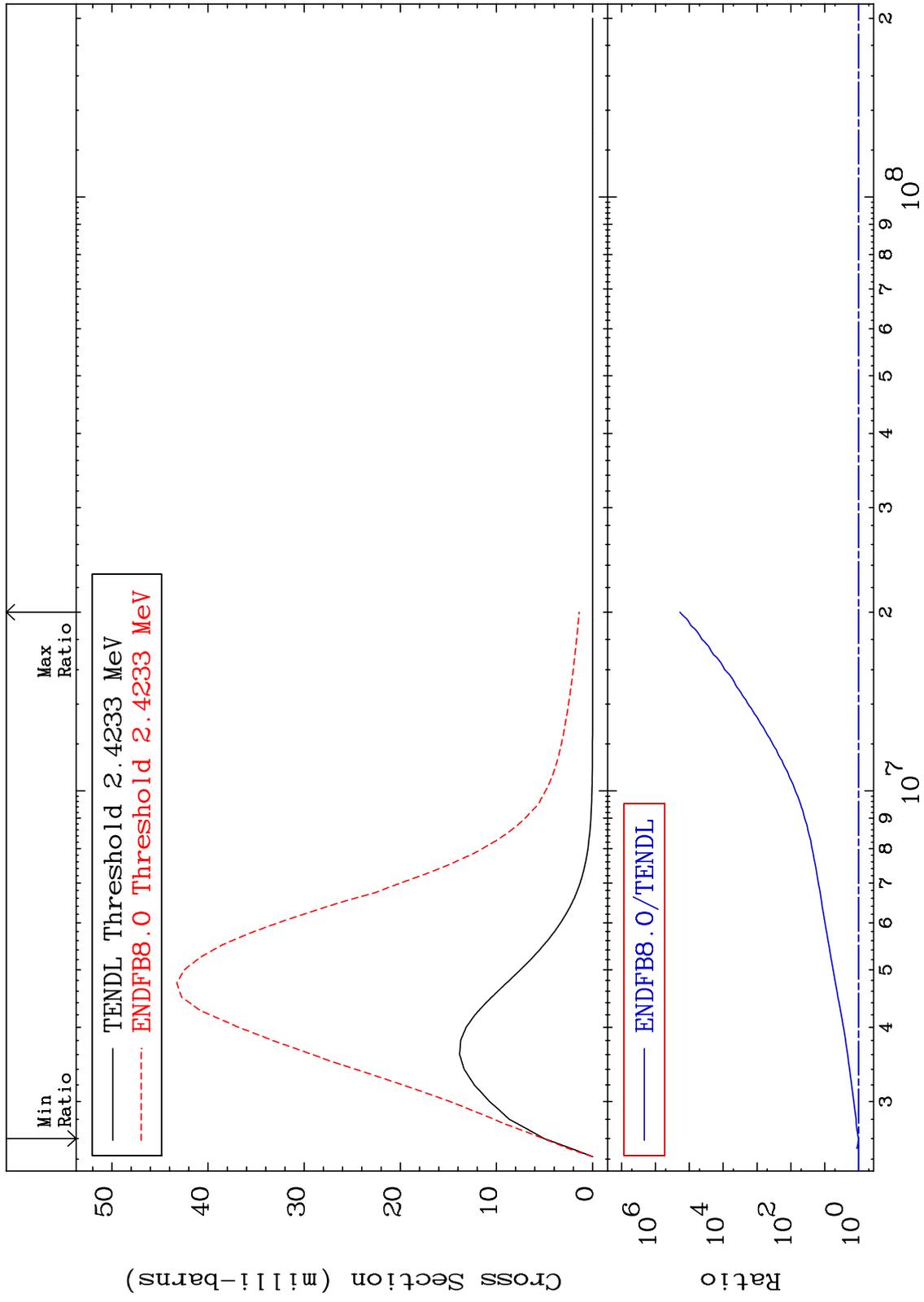
MAT 5255

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

52-Te-130
-12.46 To 974.3 %



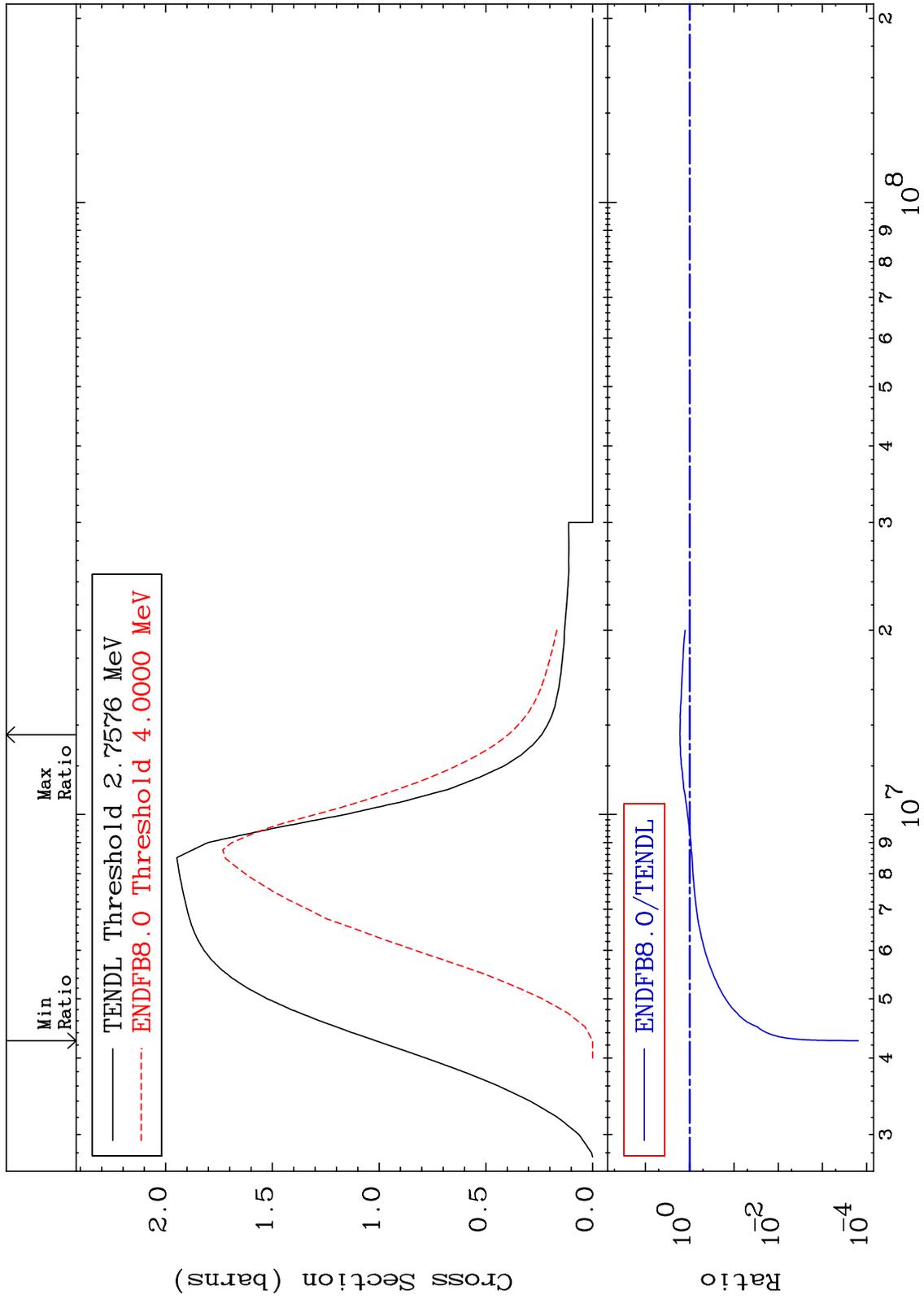
MAT 5255 MT= 65 (n,n') Level Cross Section 52-Te-130 To 9999. %
 1.567



MAT 5255

(n,n') Continuum
Cross Section

52-Te-130
-99.98 To 66.16 %



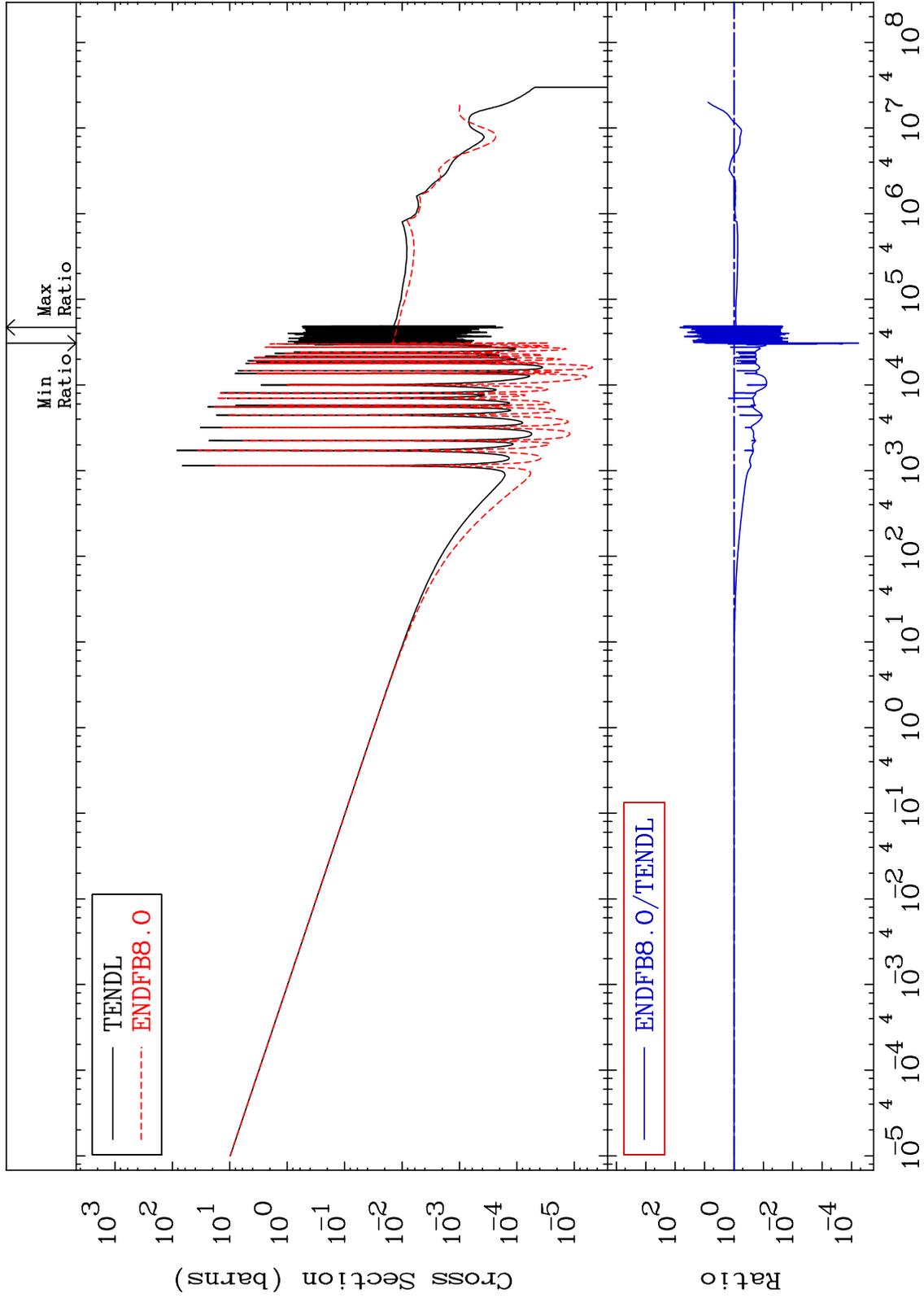
MAT 5255

(n, γ)

52-Te-130

Cross Section

-99.99 To 6769. %



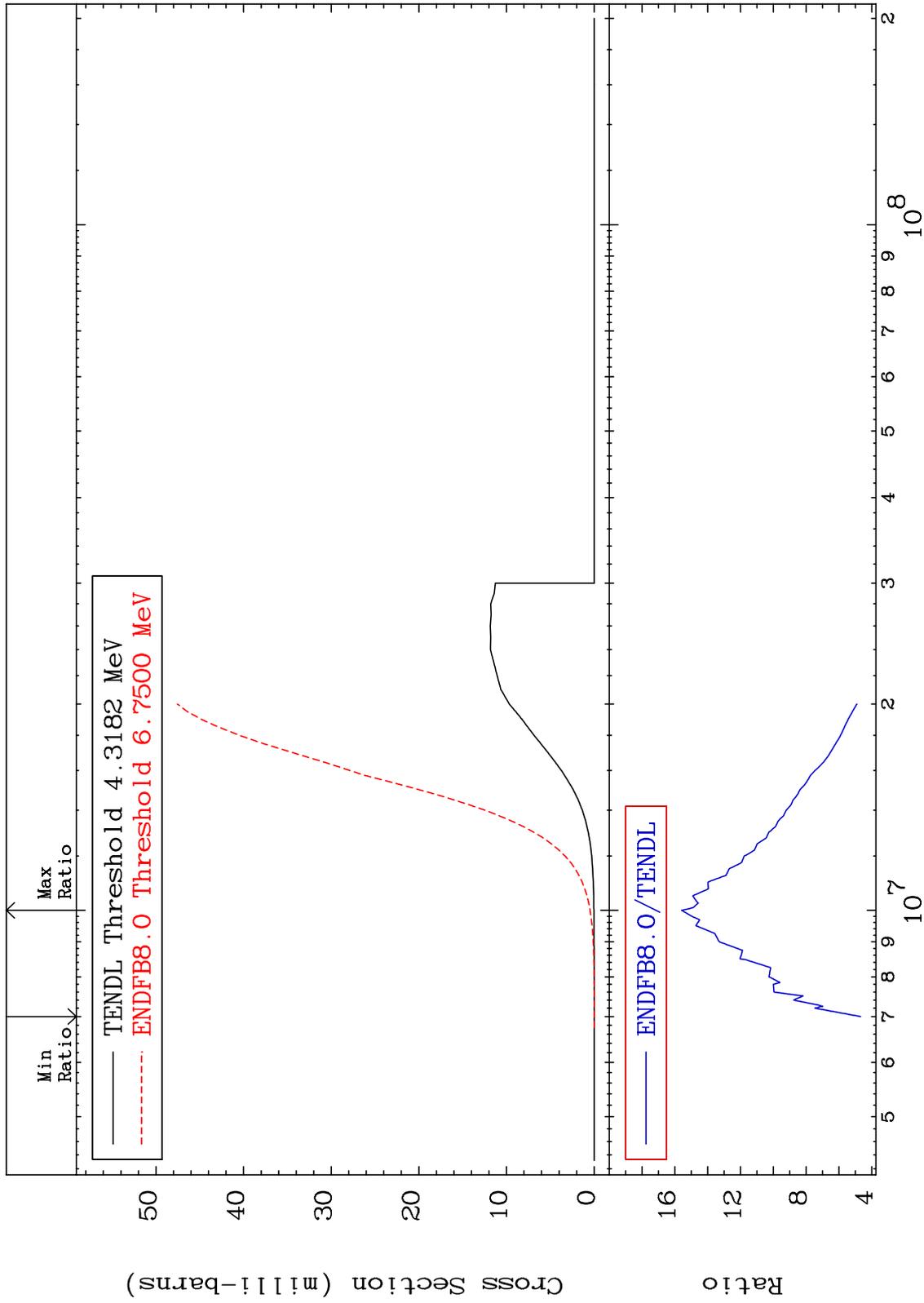
MAT 5255

(n,p)

52-Te-130

Cross Section

367.9 To 1458. %

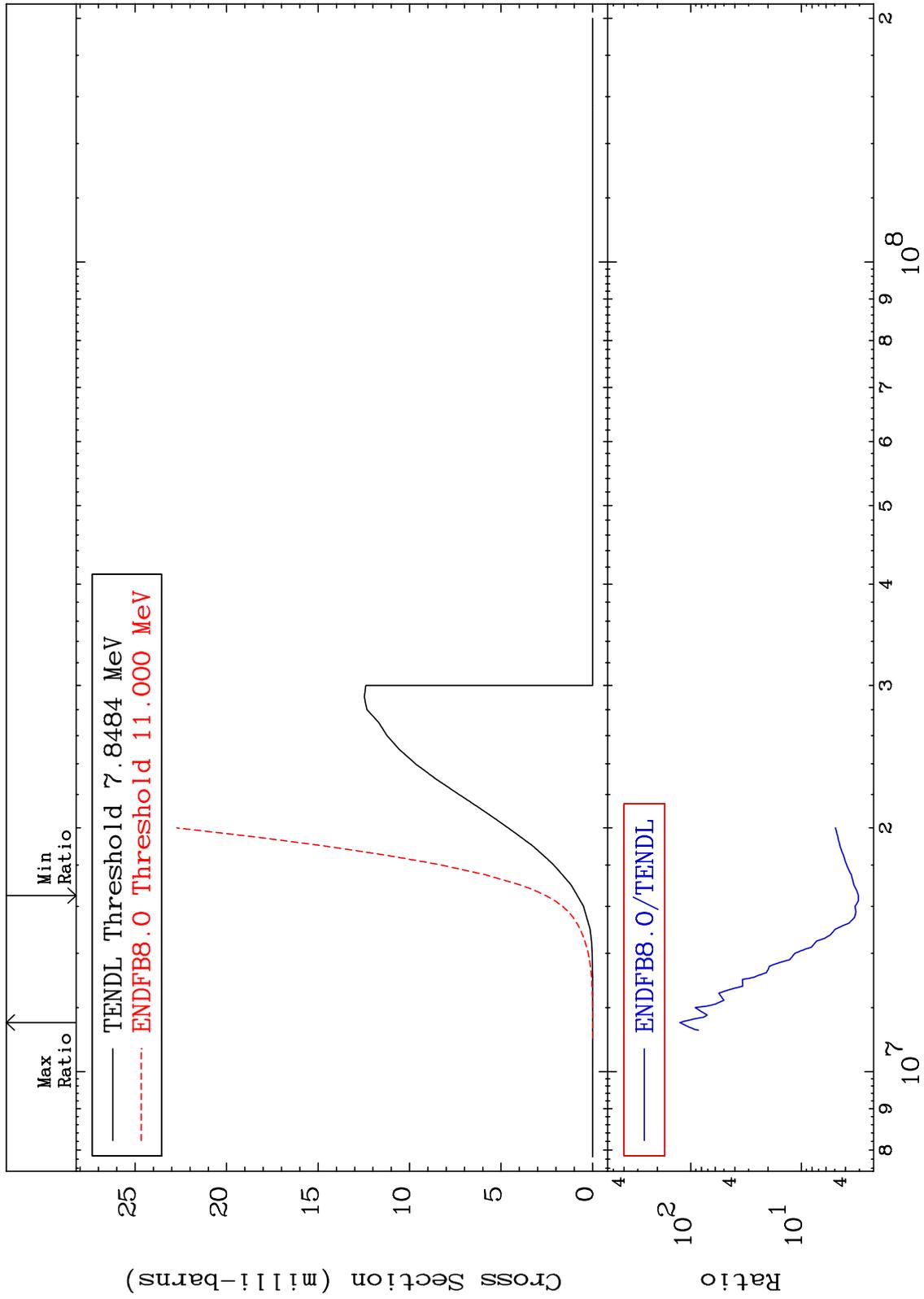


25

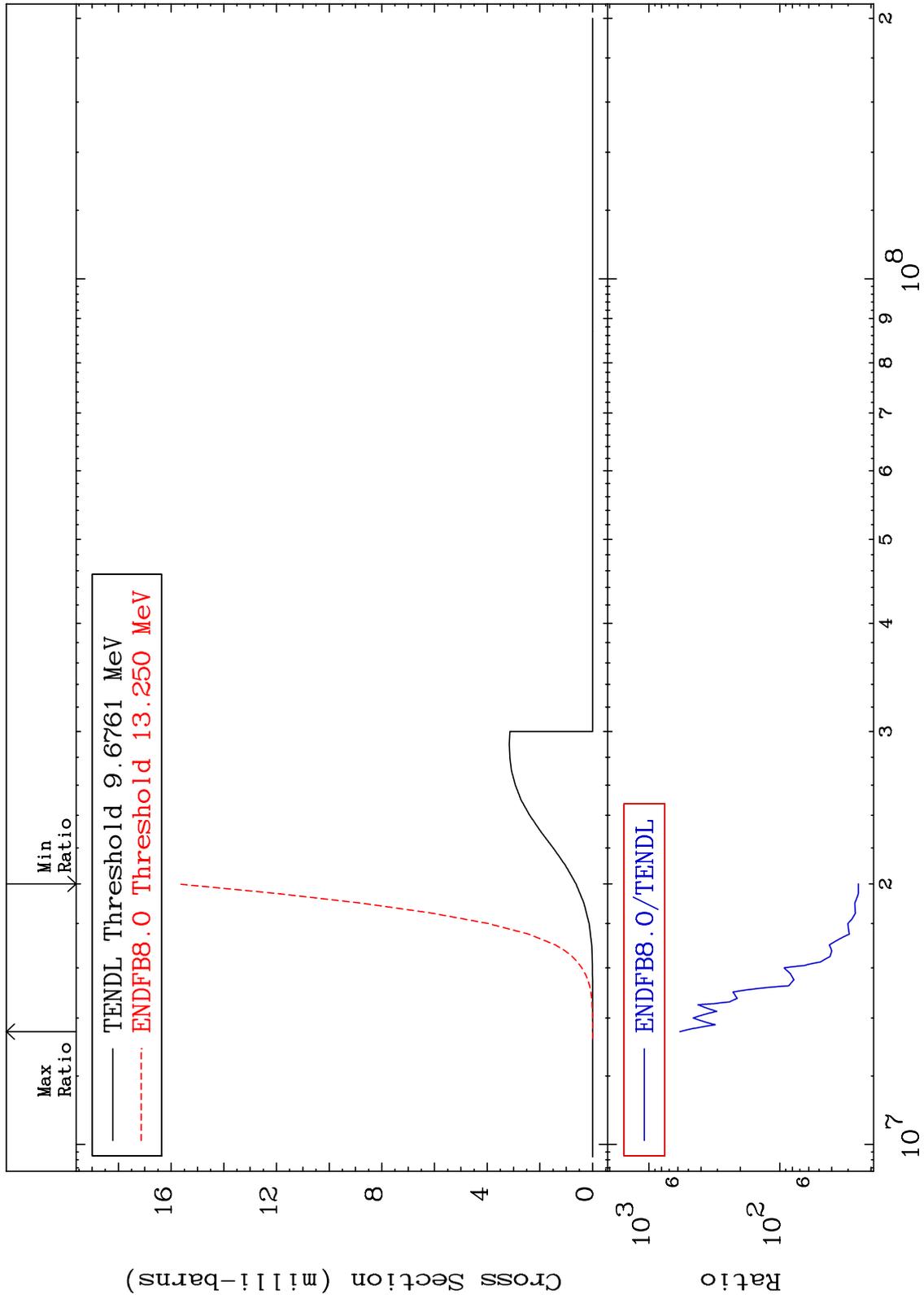
Incident Energy (eV)

52-Te-130

MAT 5255 (n,d) Cross Section 52-Te-130 To 9999. %
205.9



MAT 5255 (n, t) Cross Section 52-Te-130 To 9999. % 2402.



27 Incident Energy (eV) 52-Te-130

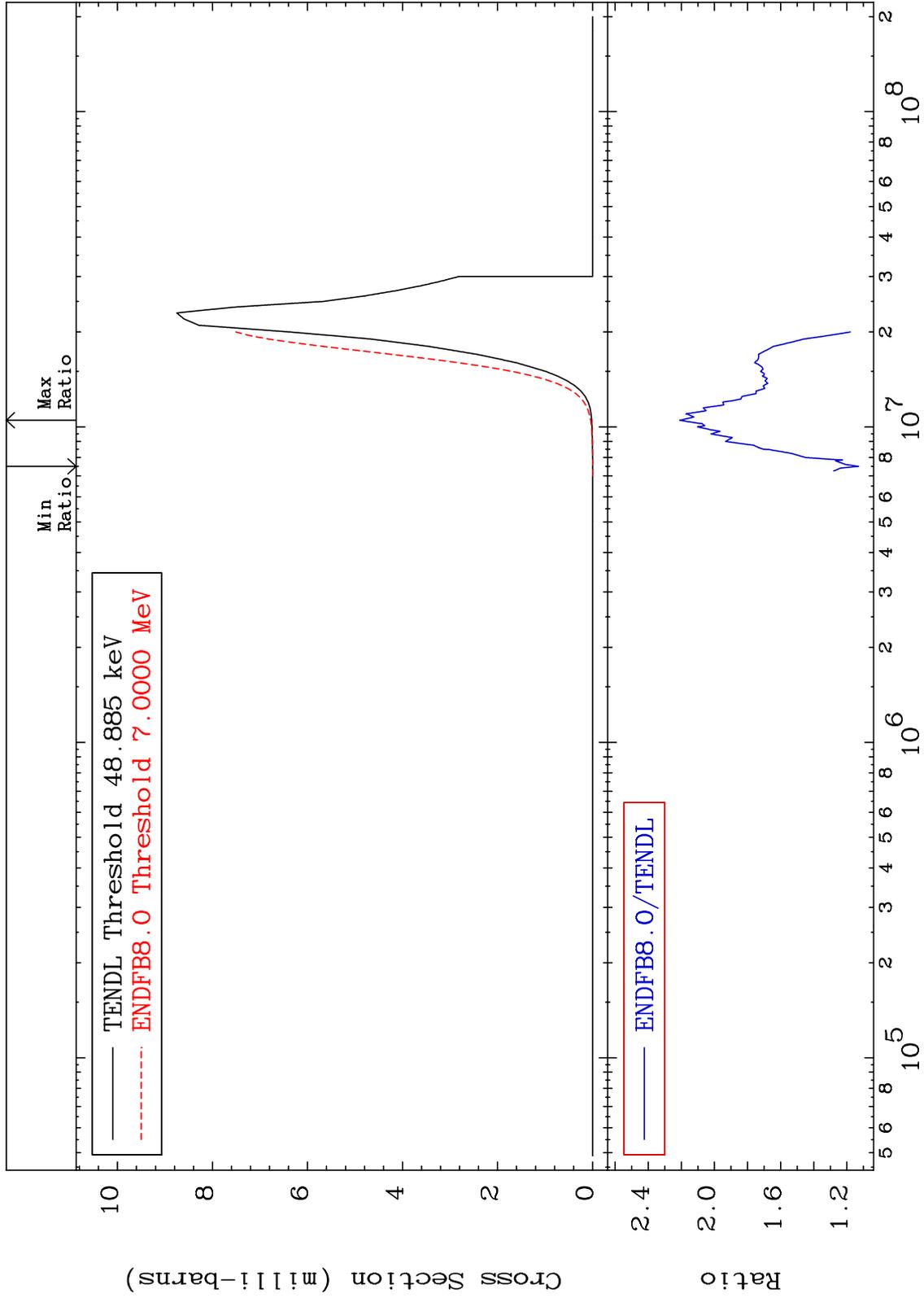
MAT 5255

(n, α)

52-Te-130

Cross Section

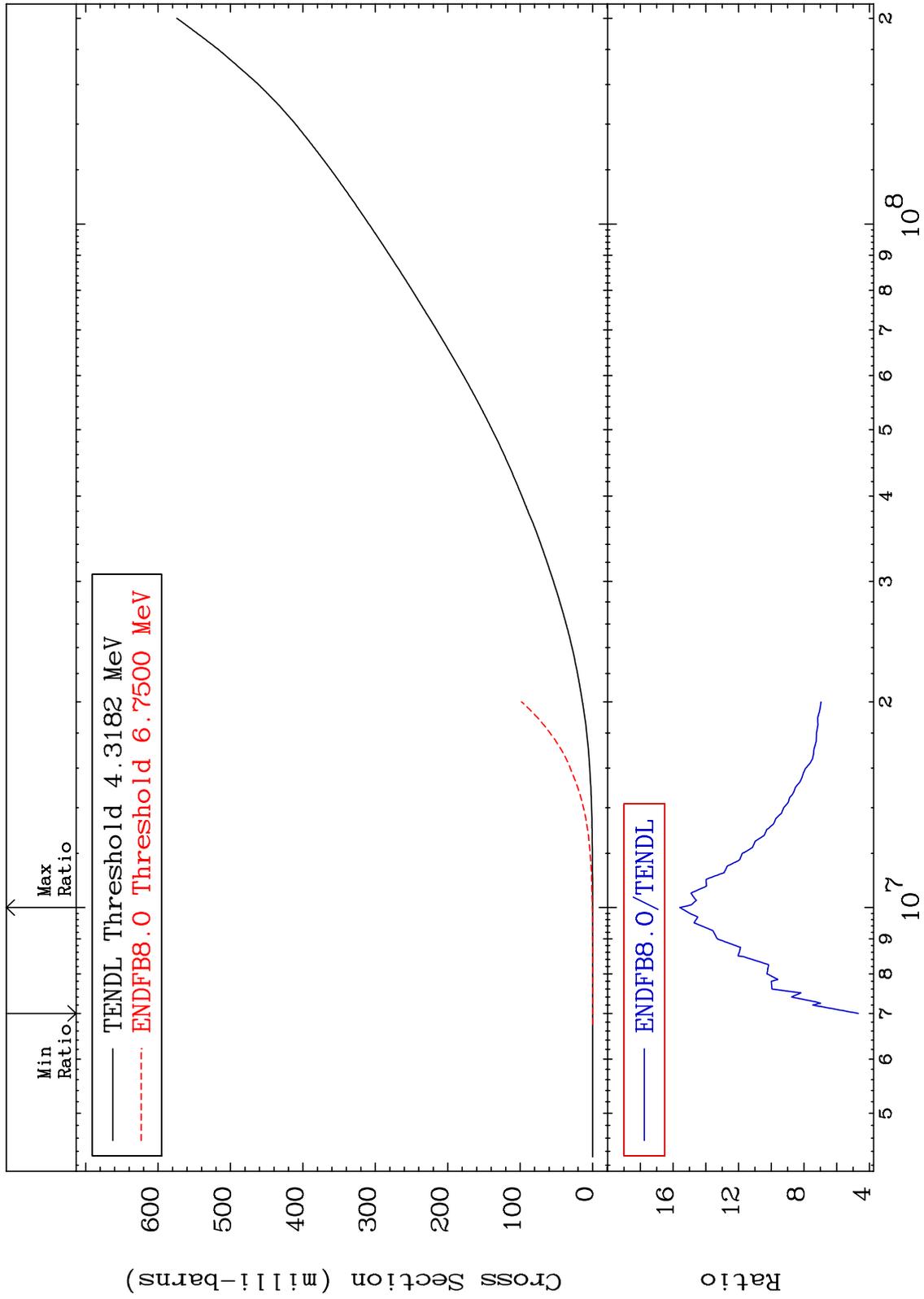
13.05 To 120.8 %



MAT 5255

Hydrogen Production
Cross Section

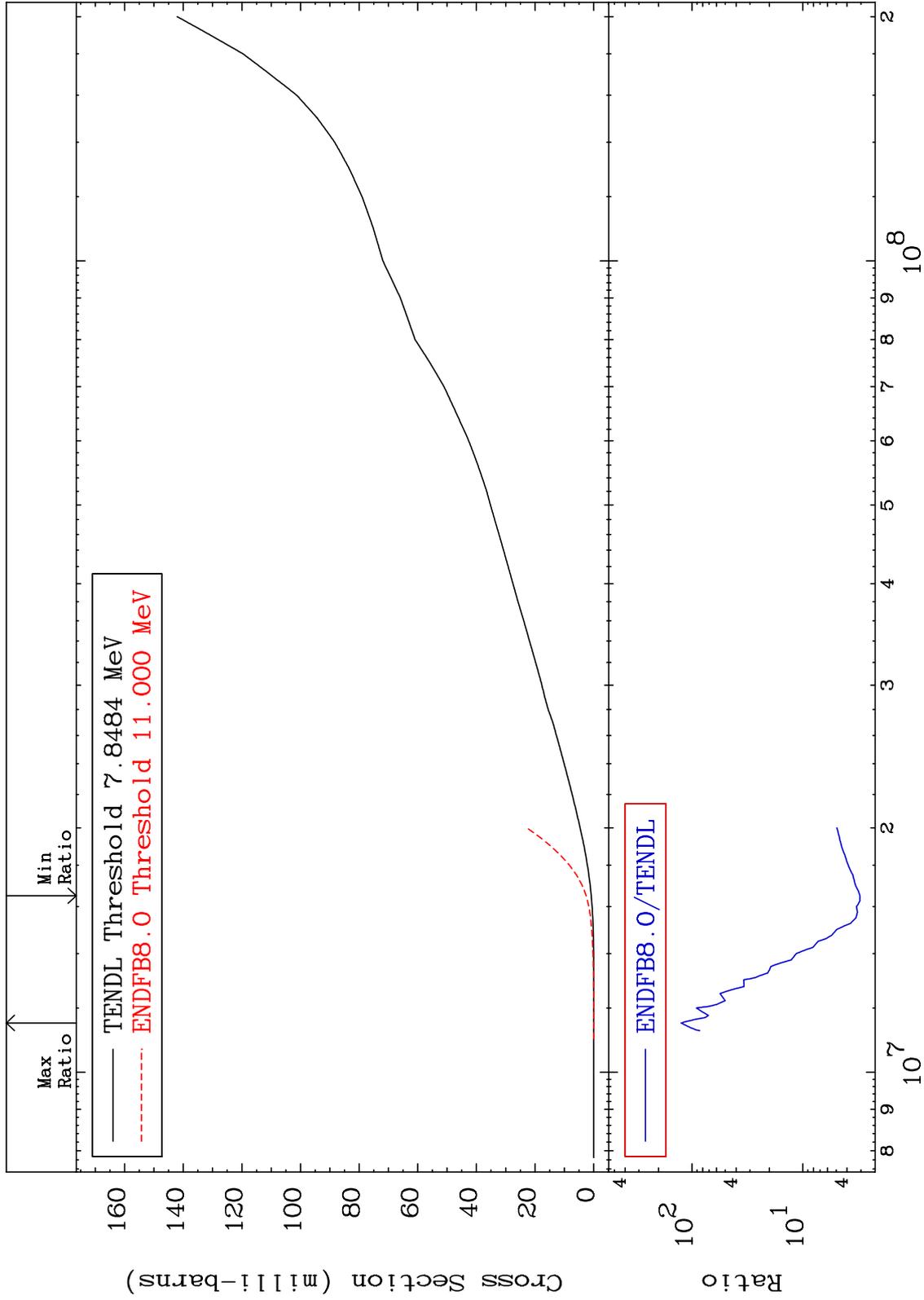
52-Te-130
367.9 To 1458. %



MAT 5255

Deuterium Production
Cross Section

52-Te-130
205.9 To 9999. %



30

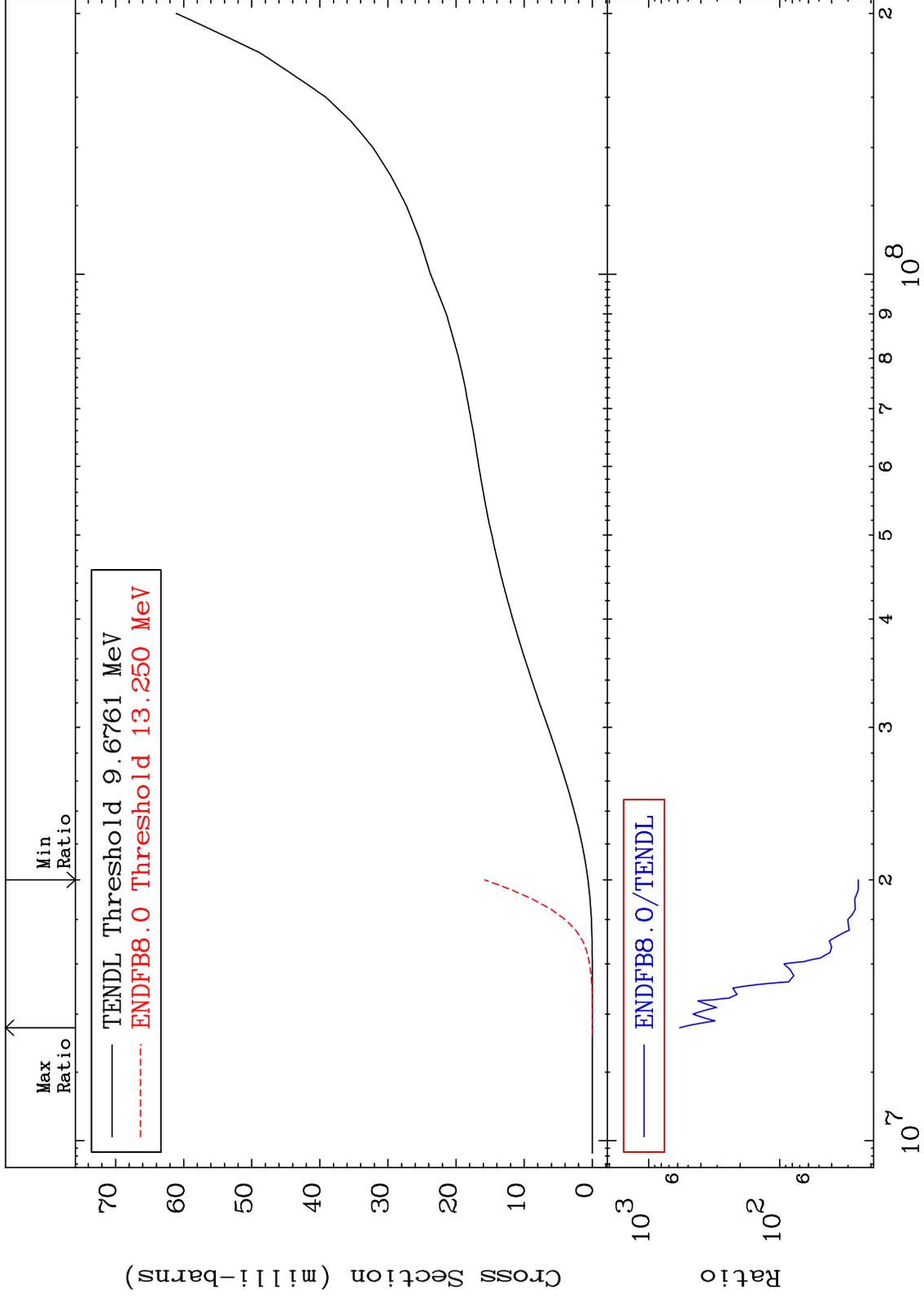
Incident Energy (eV)

52-Te-130

MAT 5255

Tritium Production
Cross Section

52-Te-130
2402. To 9999. %



31

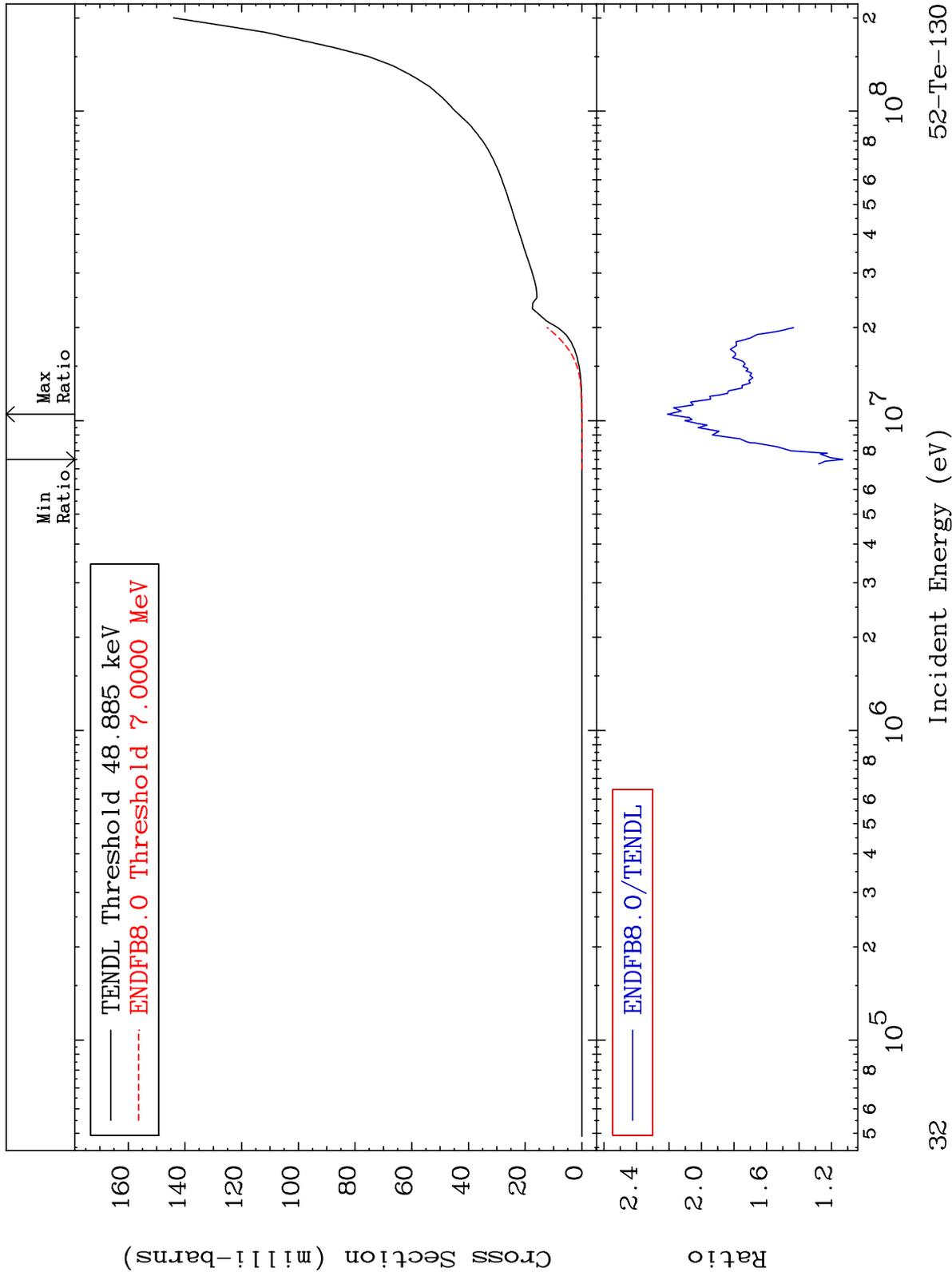
Incident Energy (eV)

52-Te-130

MAT 5255

He-4 Production
Cross Section

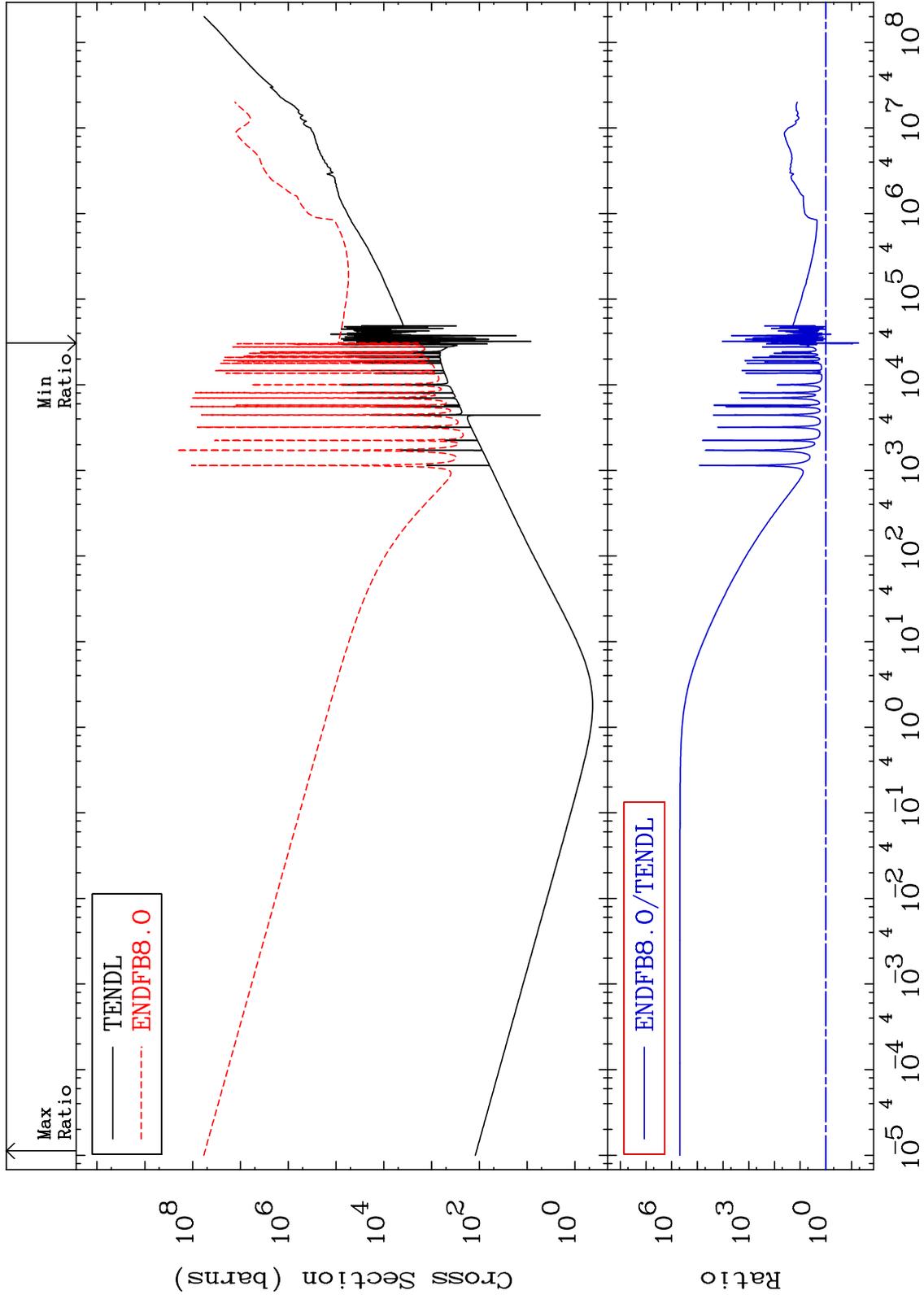
52-Te-130
13.05 To 120.8 %



MAT 5255

Kerma total (eV-barns)
Cross Section

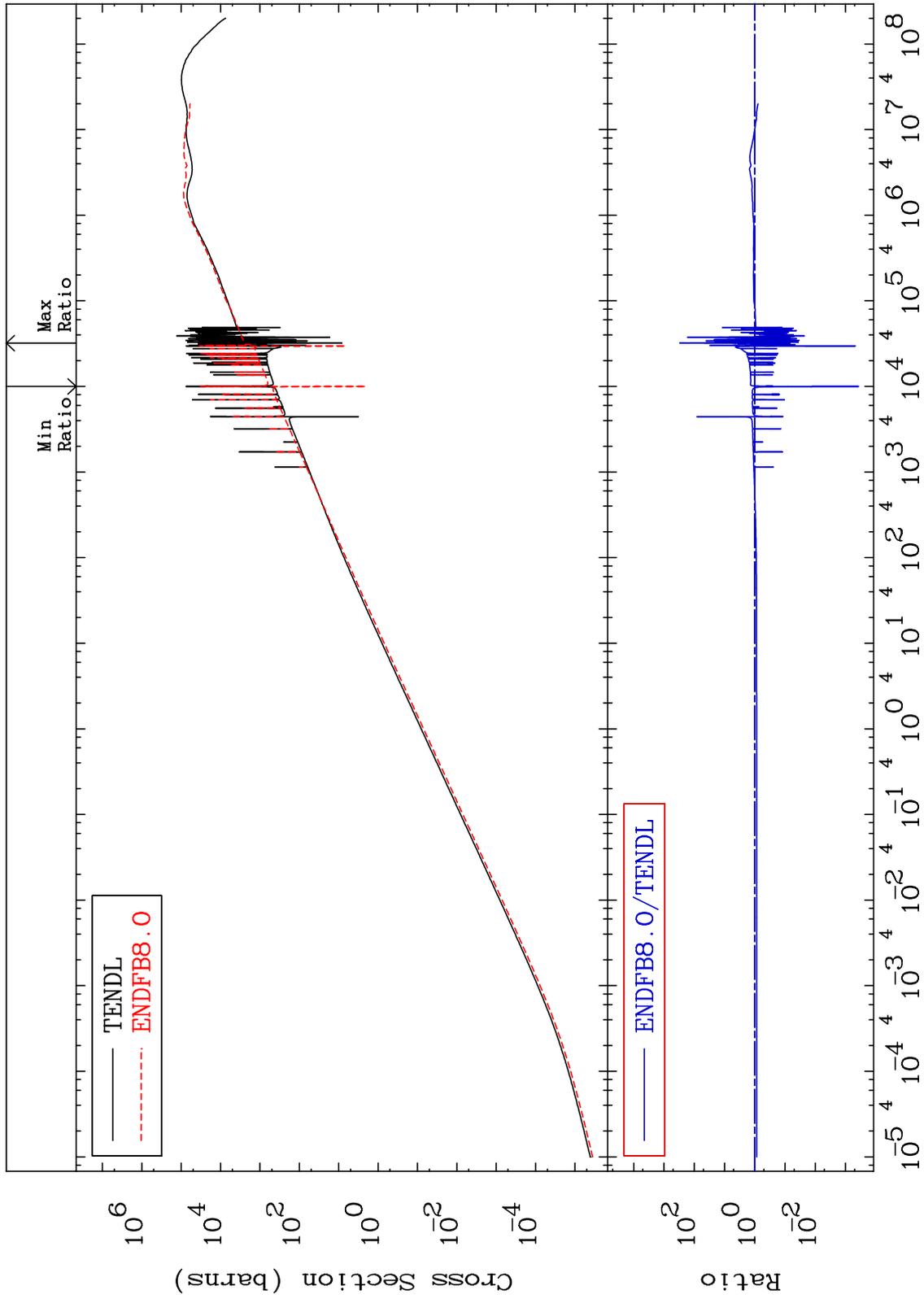
52-Te-130
-94.56 To 9999. %



MAT 5255

Kerma elastic
Cross Section

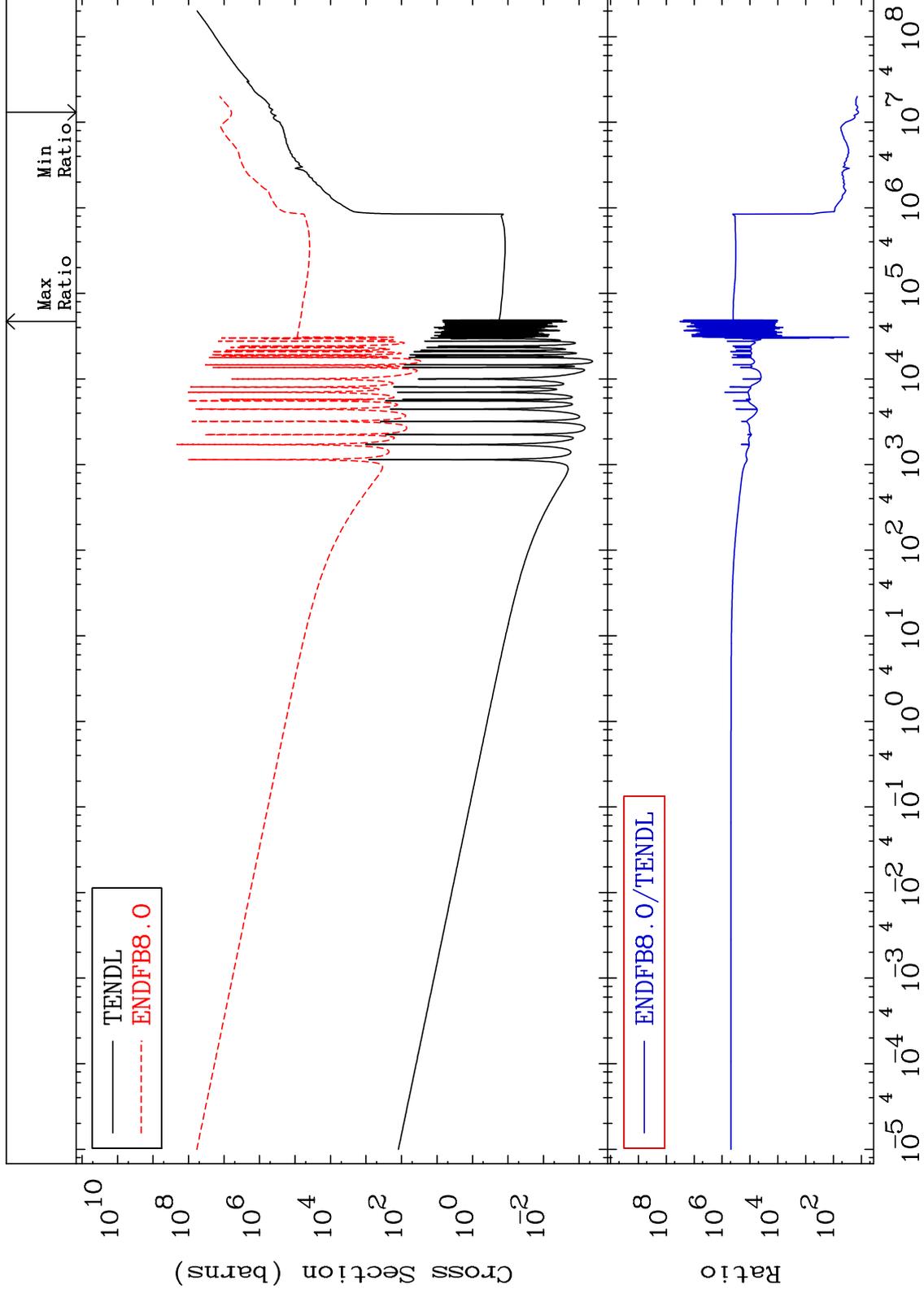
52-Te-130
-99.96 To 9999. %



MAT 5255

Kerma non-elastic (all but mt2)
Cross Section

52-Te-130
1185. To 9999. %



35

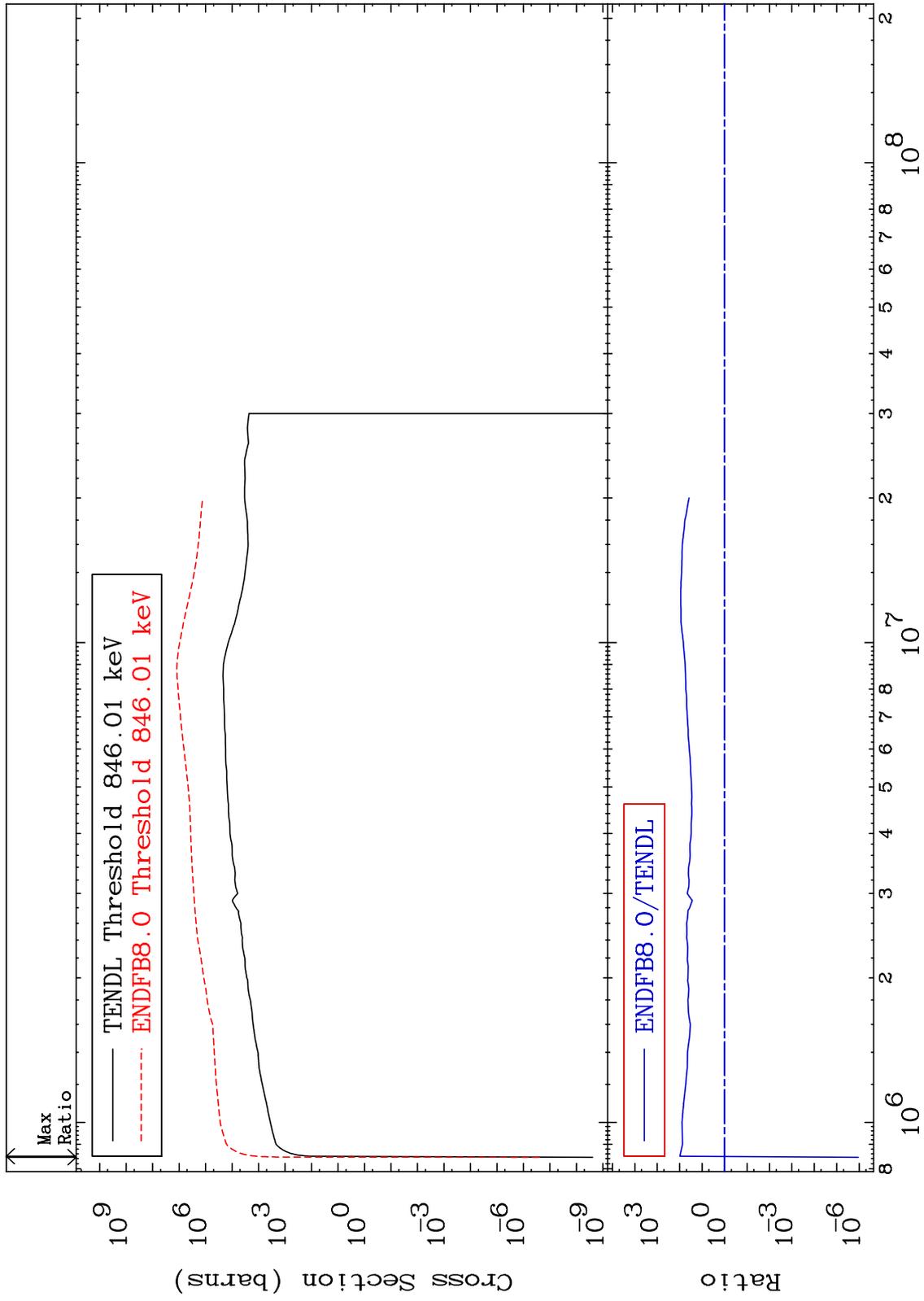
Incident Energy (eV)

52-Te-130

MAT 5255

Kerma inelastic (mt51-91)
Cross Section

52-Te-130
-100.0 To 9655. %



36

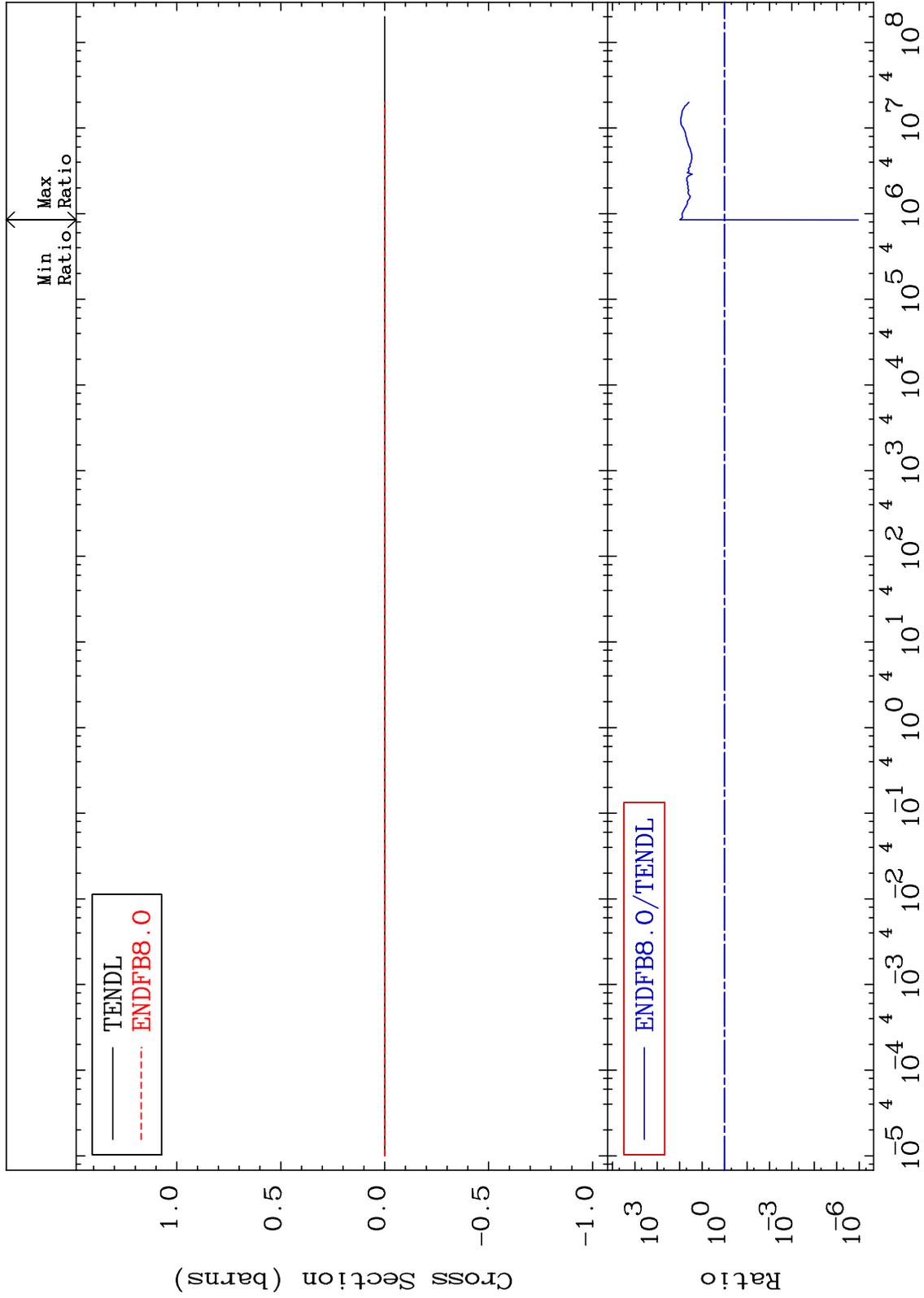
52-Te-130

52-Te-130

MAT 5255

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

52-Te-130
-100.0 To 9655. %



37

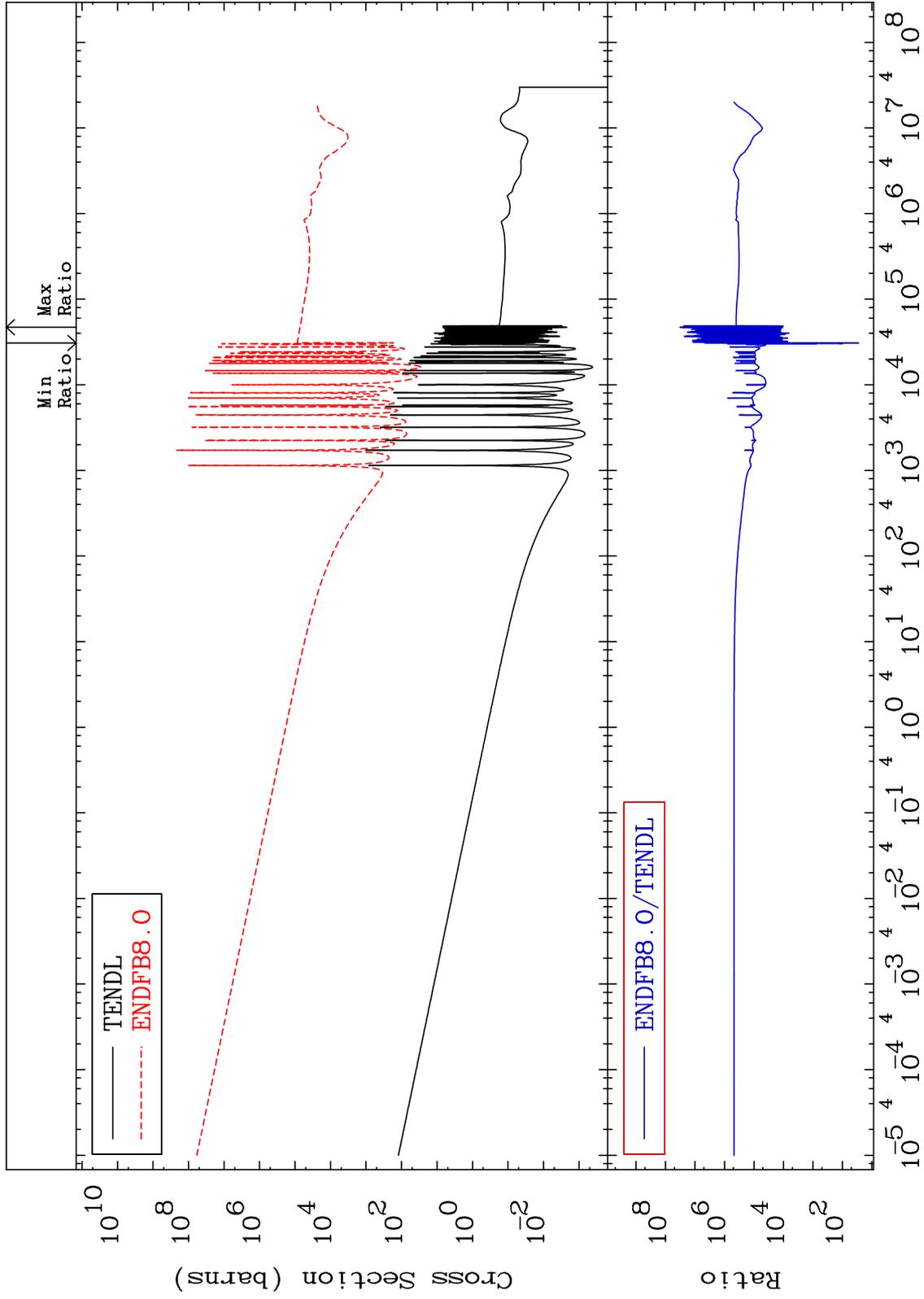
Incident Energy (eV)

52-Te-130

MAT 5255

Kerma capture (mt102)
Cross Section

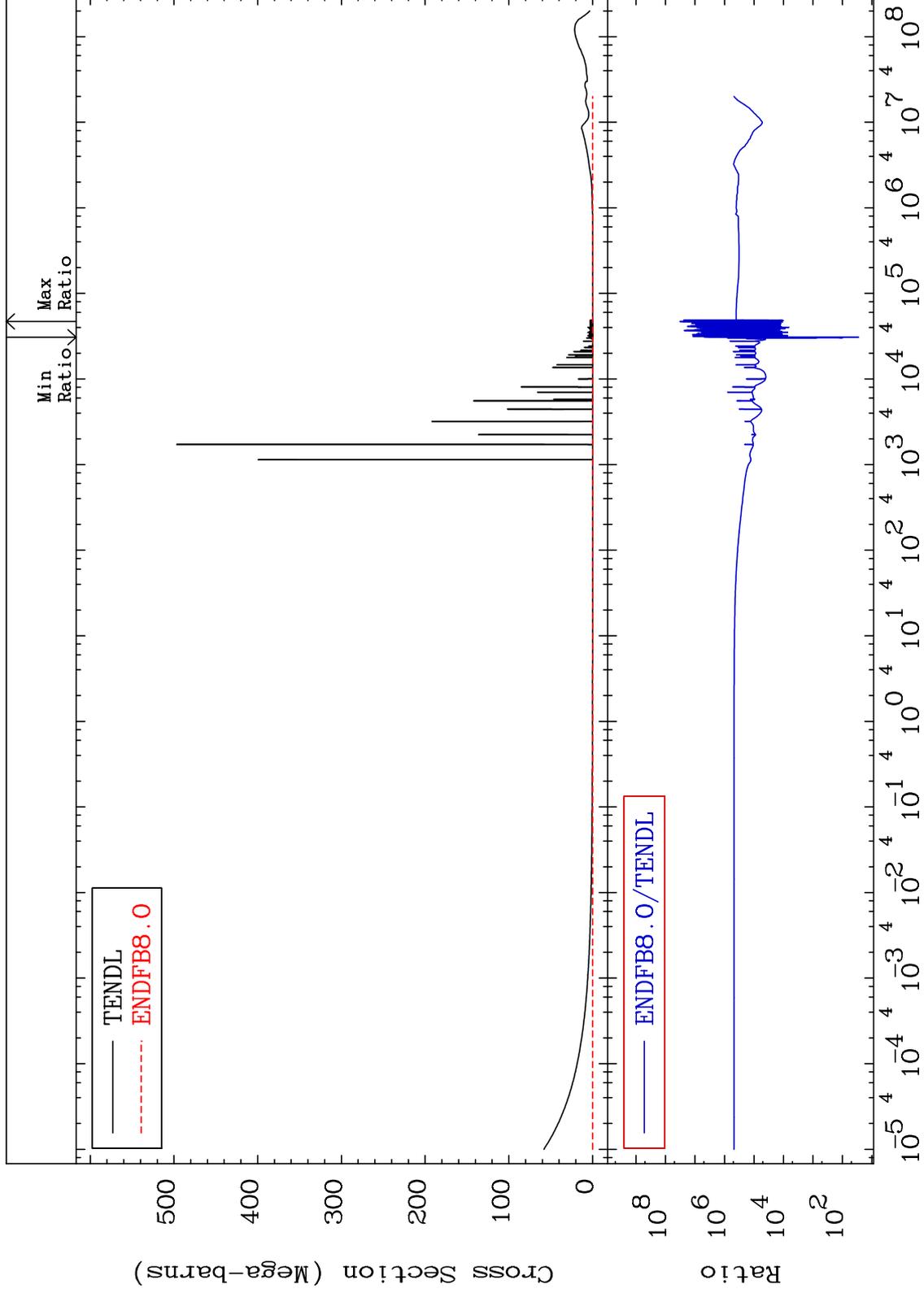
52-Te-130
2788. To 9999. %



MAT 5255

Total photon (eV-barns)
Cross Section

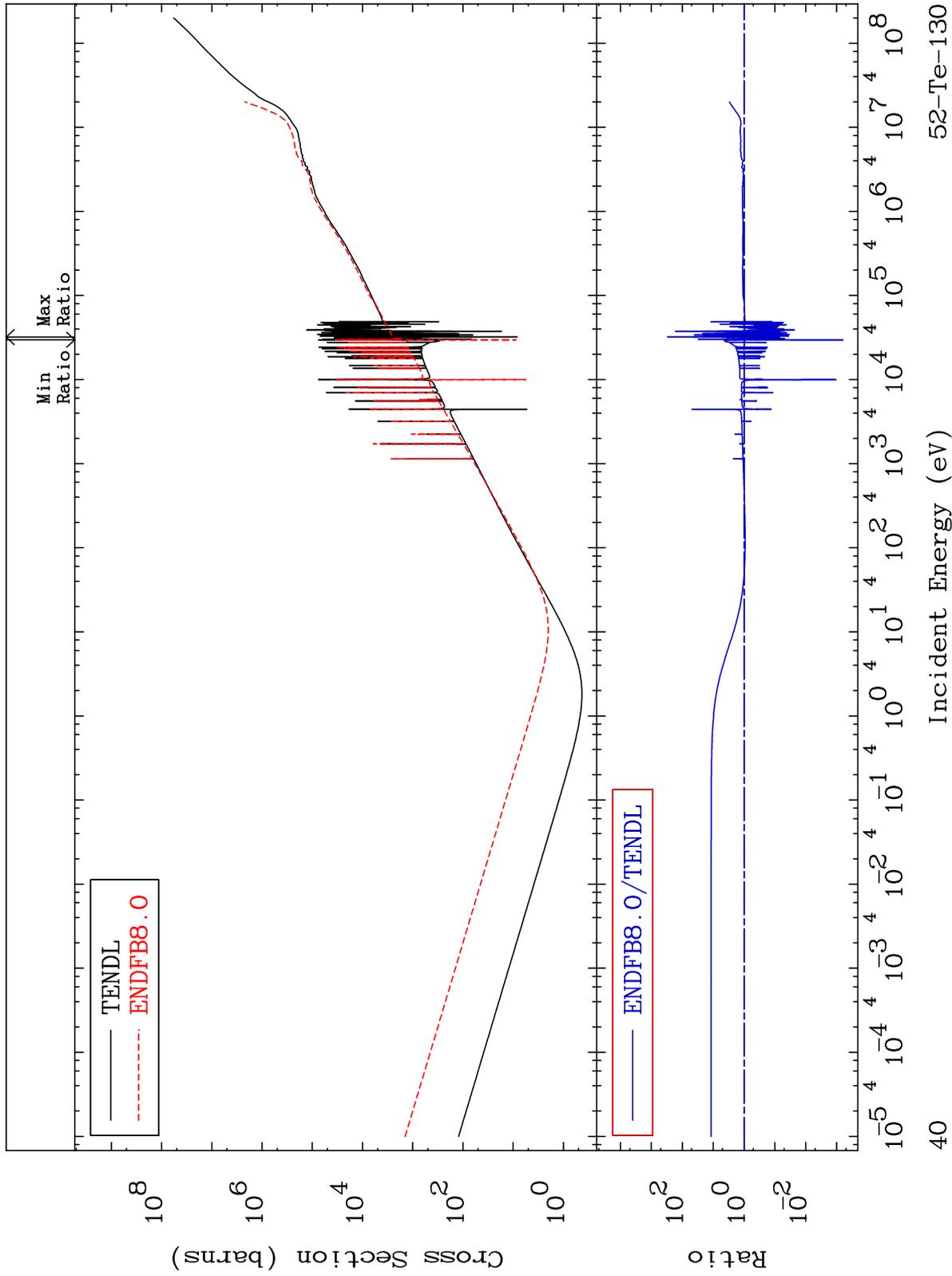
52-Te-130
2788. To 9999. %



MAT 5255

Total kinematic kerma (high limit)
Cross Section

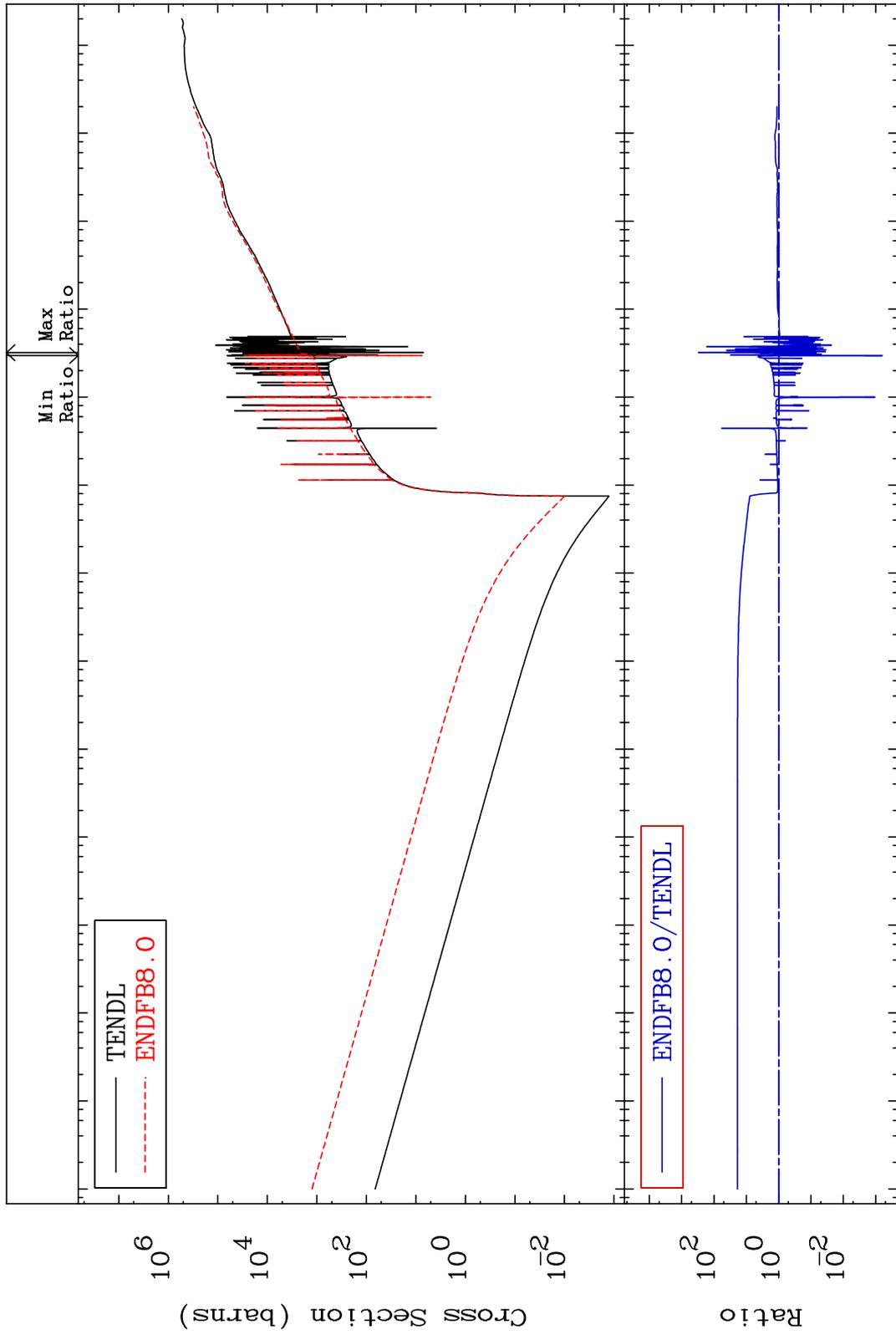
52-Te-130
-99.94 To 9999. %



MAT 5255

Dpa total (eV-barns)
Cross Section

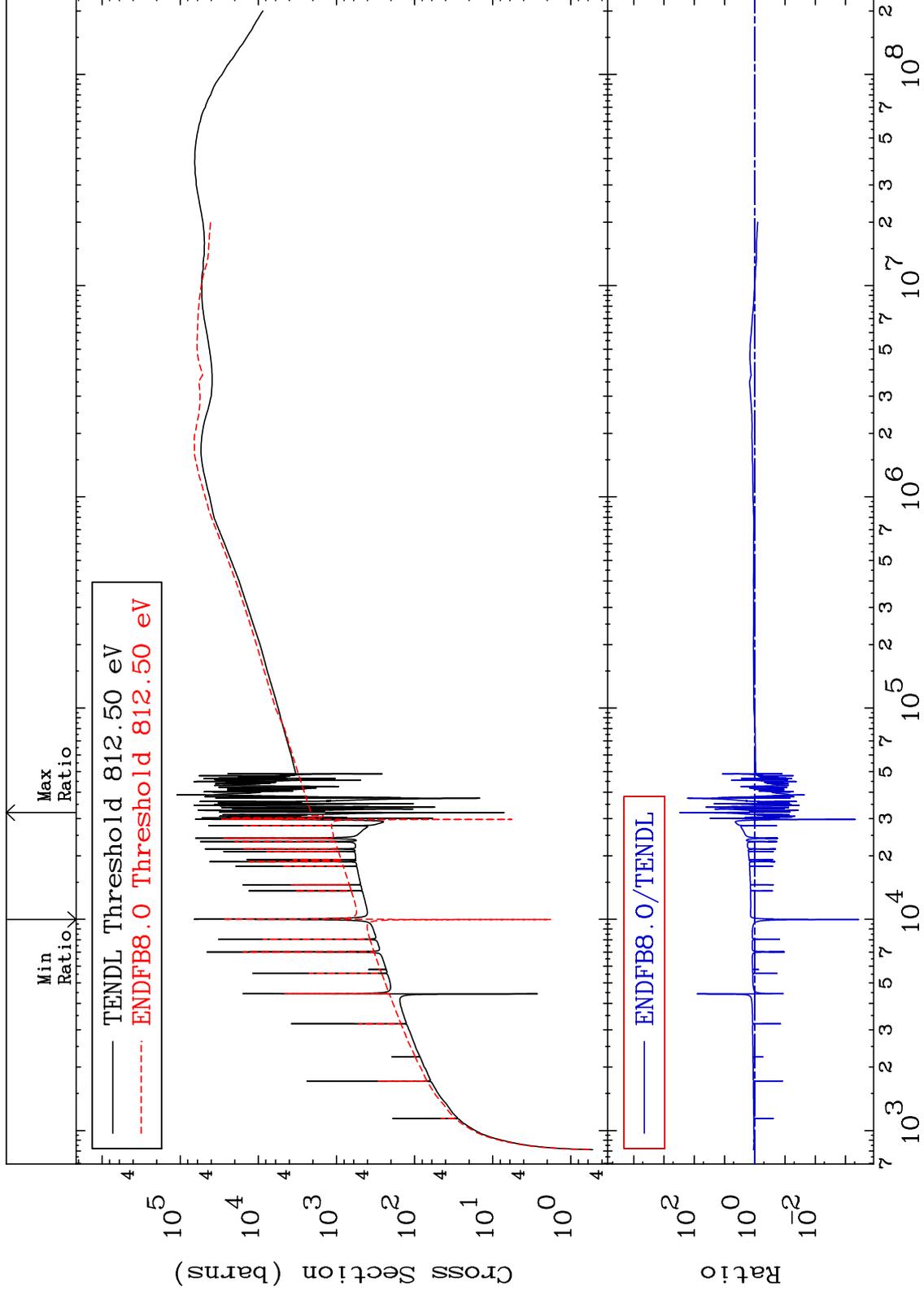
52-Te-130
-99.94 To 9999. %



MAT 5255

Dpa elastic (mt2)
Cross Section

52-Te-130
-99.96 To 9999. %



42

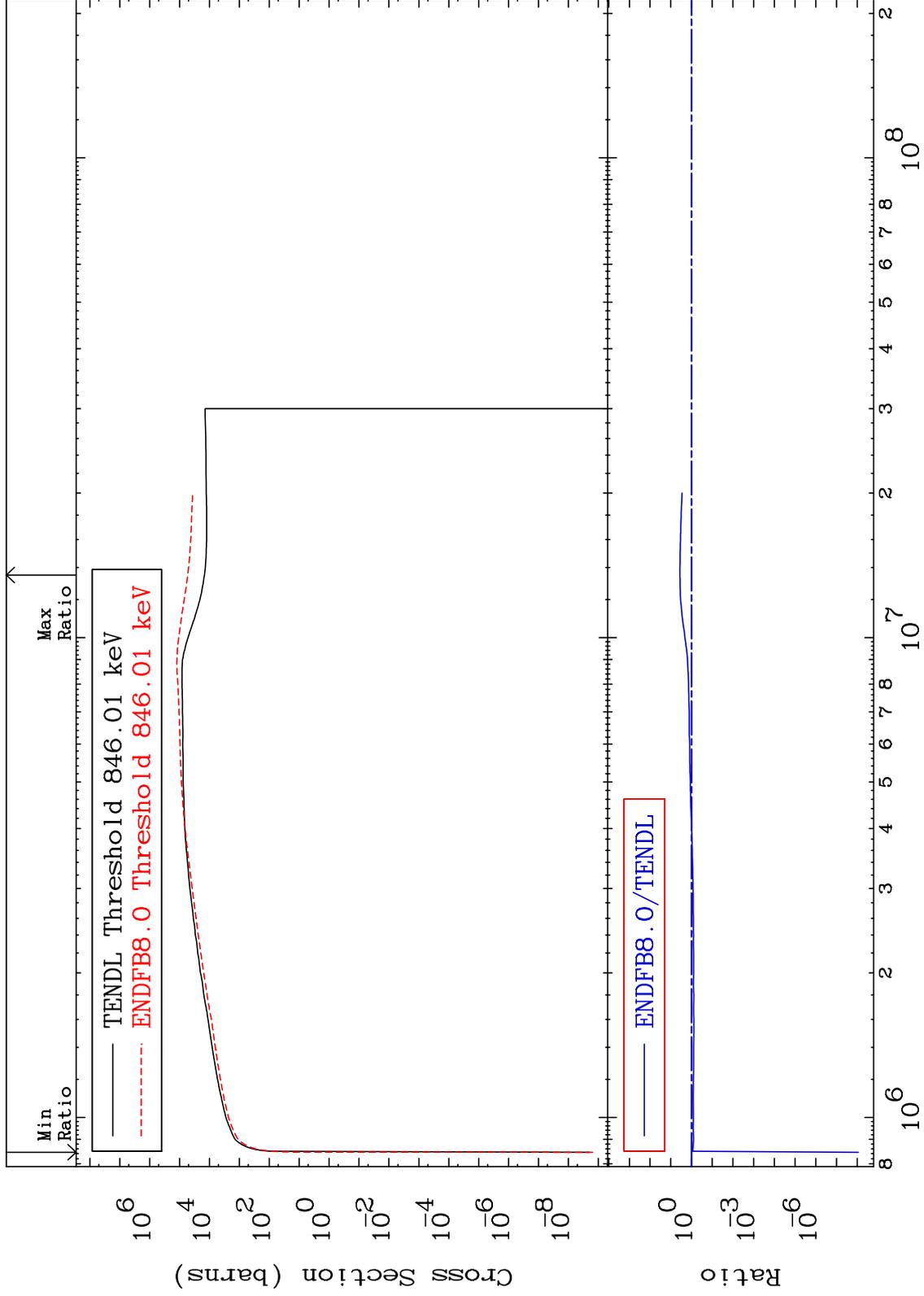
Incident Energy (eV)

52-Te-130

MAT 5255

Dpa inelastic (mt51-91)
Cross Section

52-Te-130
-100.0 To 261.6 %



43

Incident Energy (eV)

52-Te-130

MAT 5255

Dpa disappearance (mt102 -120)
Cross Section

52-Te-130
-99.70 To 9999. %

