

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

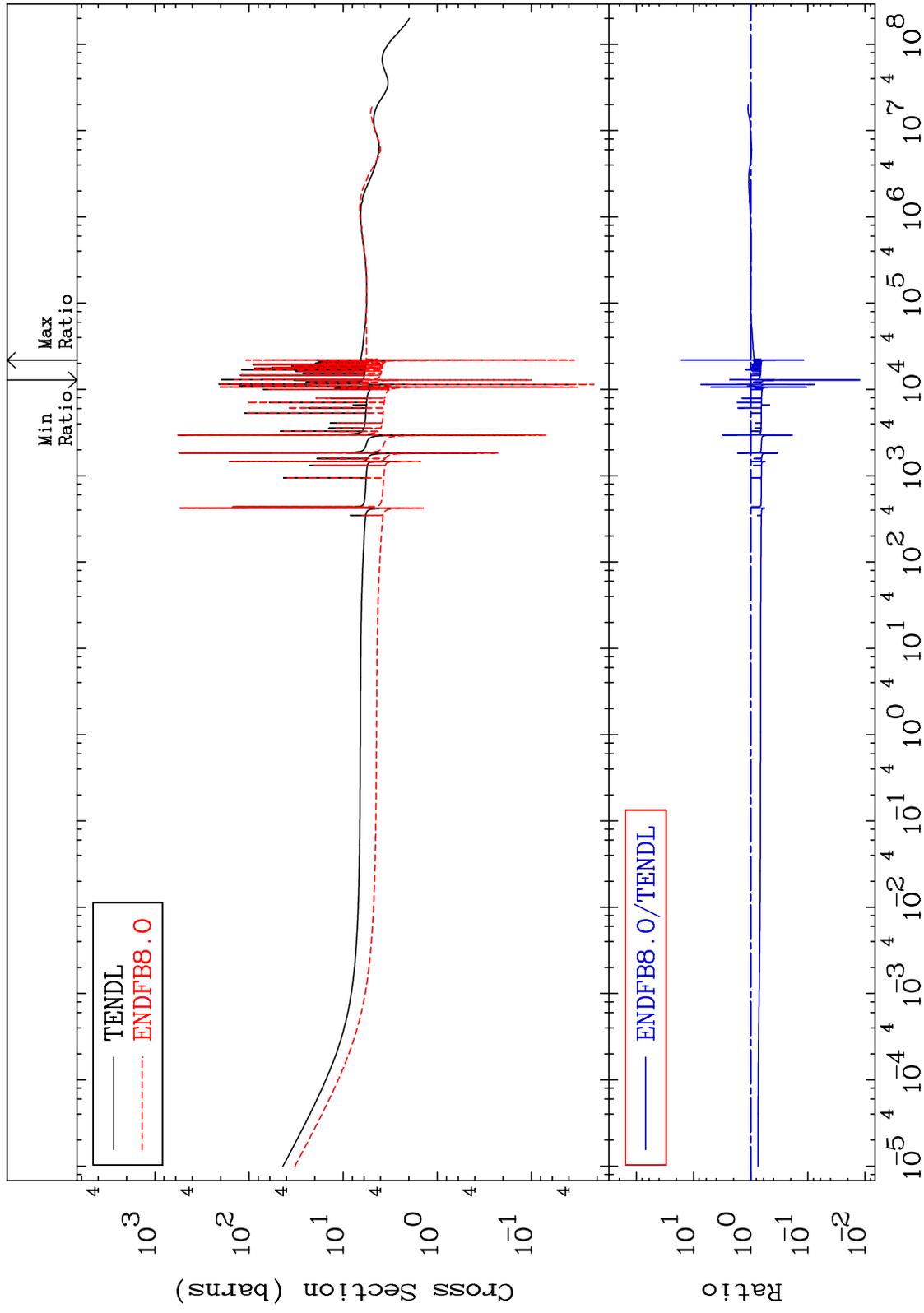
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5249

Total
Cross Section

52-Te-128
-98.77 To 1547. %



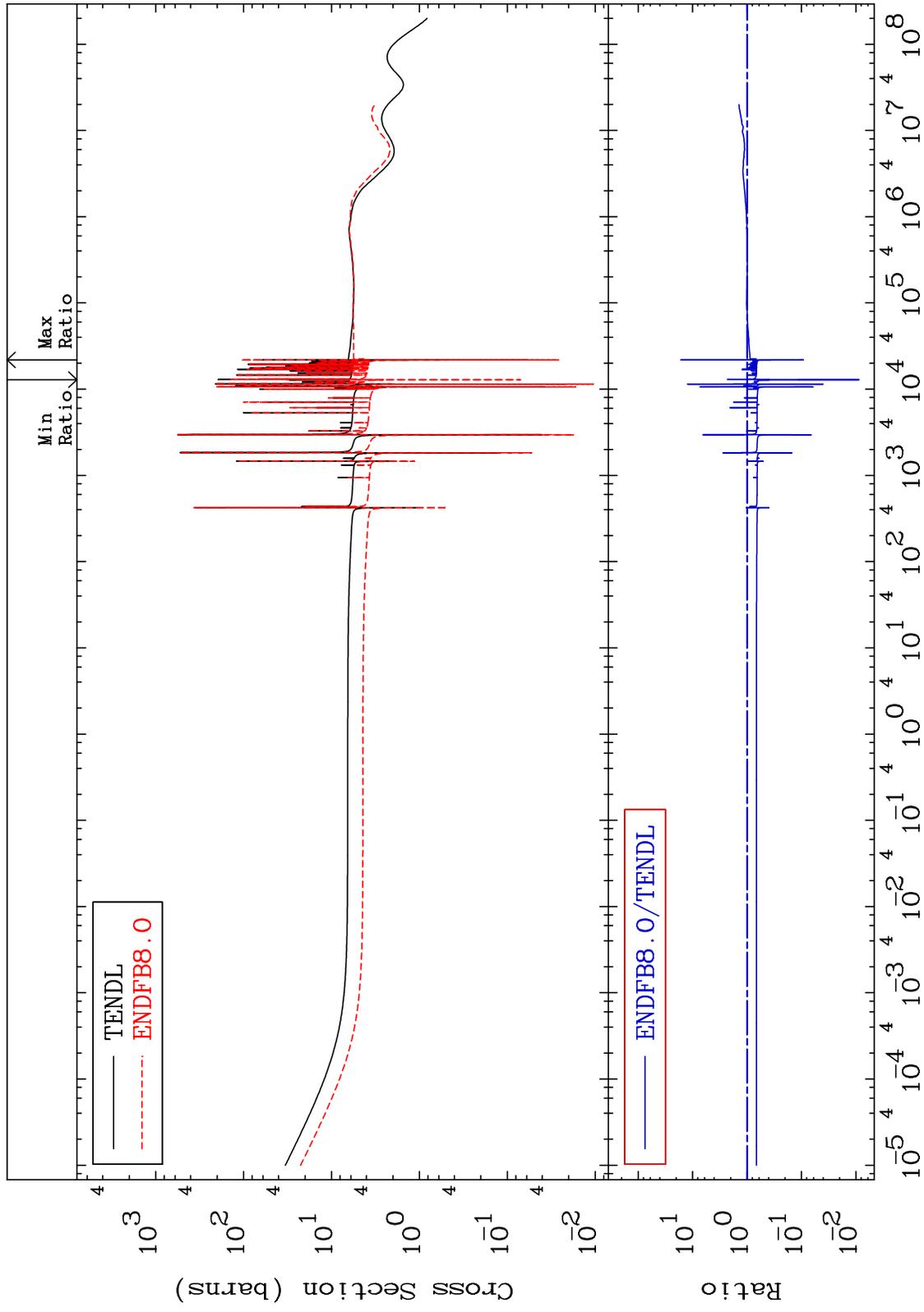
Incident Energy (eV)

52-Te-128

MAT 5249

Elastic
Cross Section

52-Te-128
-99.12 To 1558. %

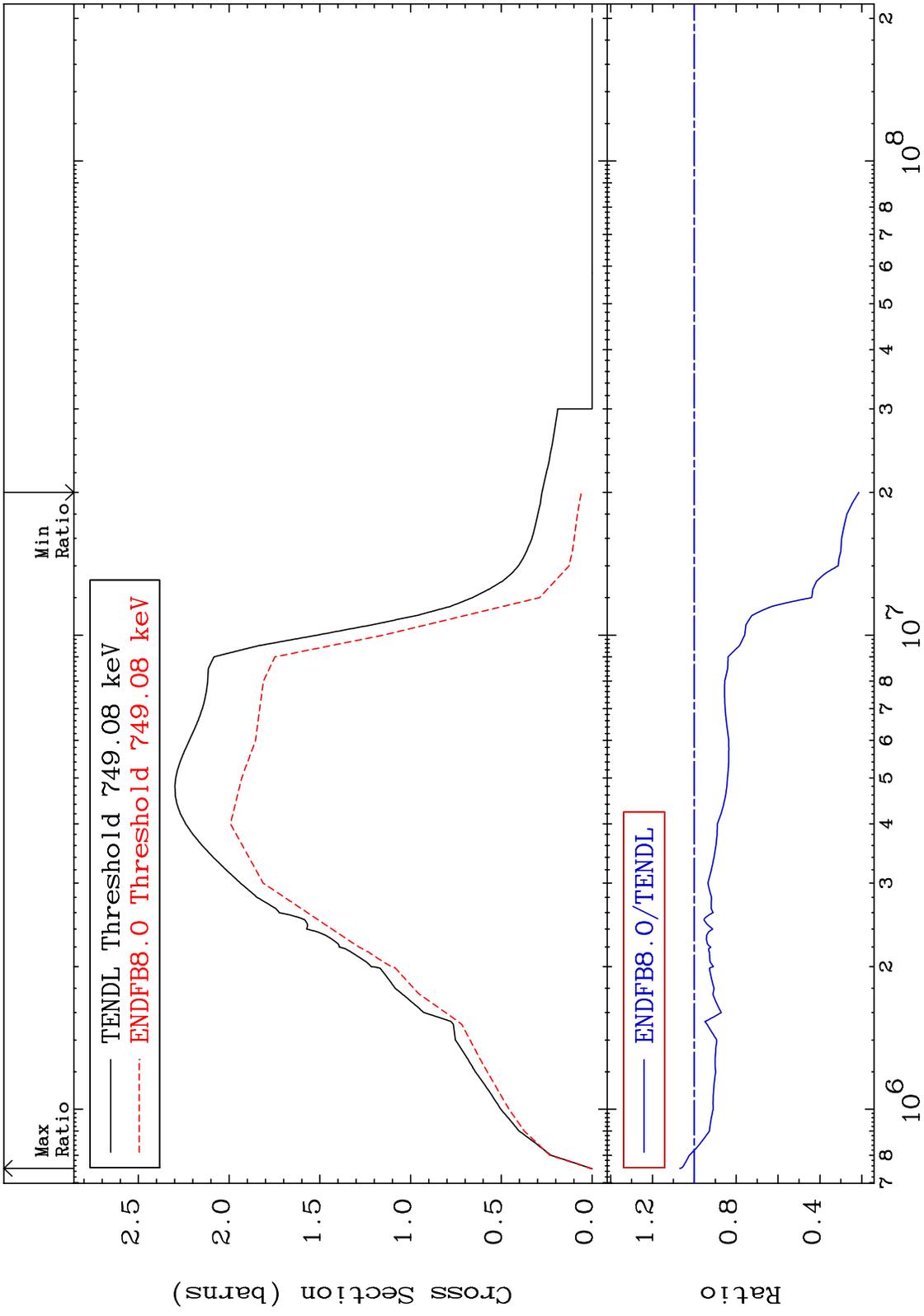


2

Incident Energy (eV)

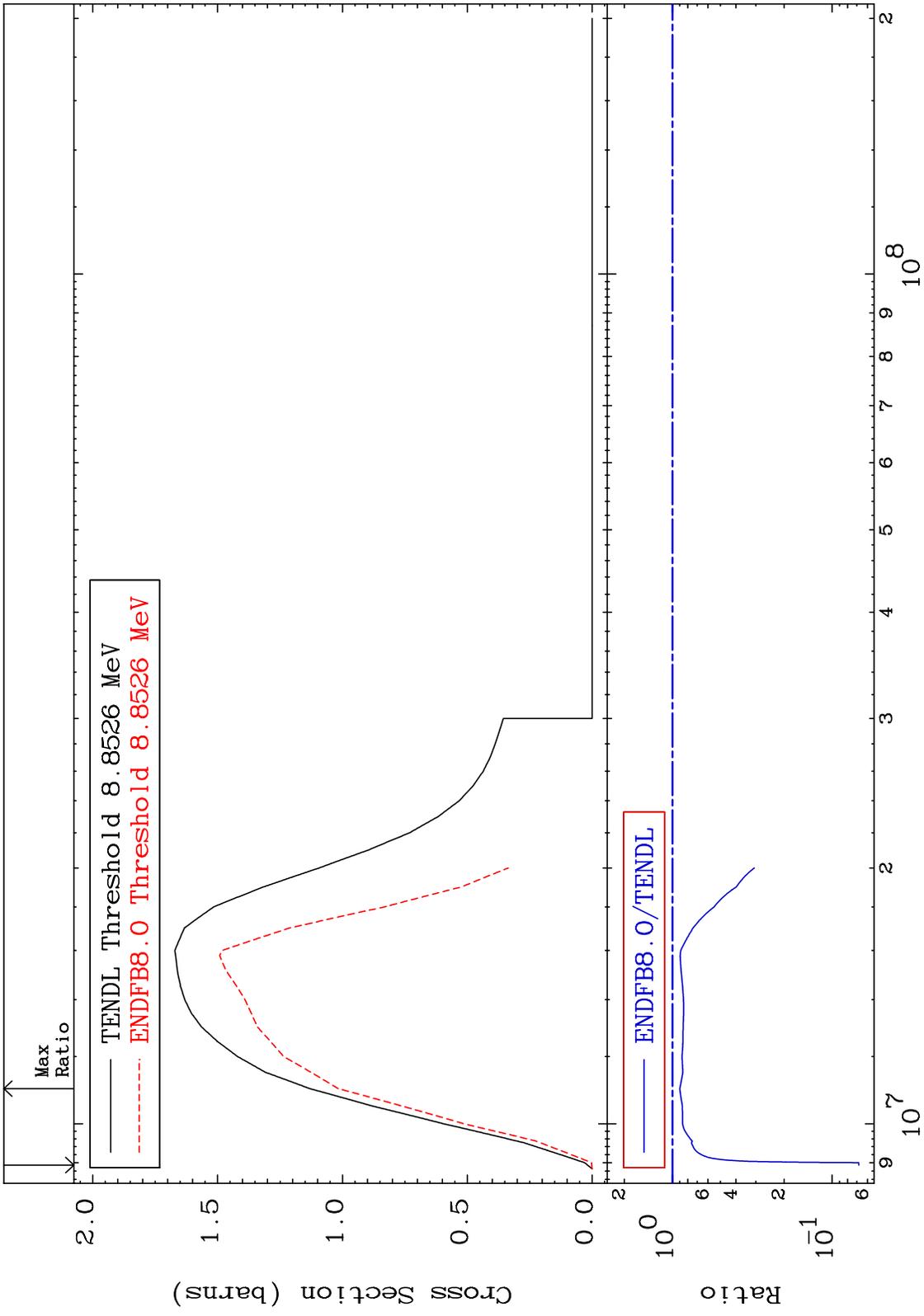
52-Te-128

MAT 5249 Inelastic Cross Section 52-Te-128 -78.58 To 6.979 %



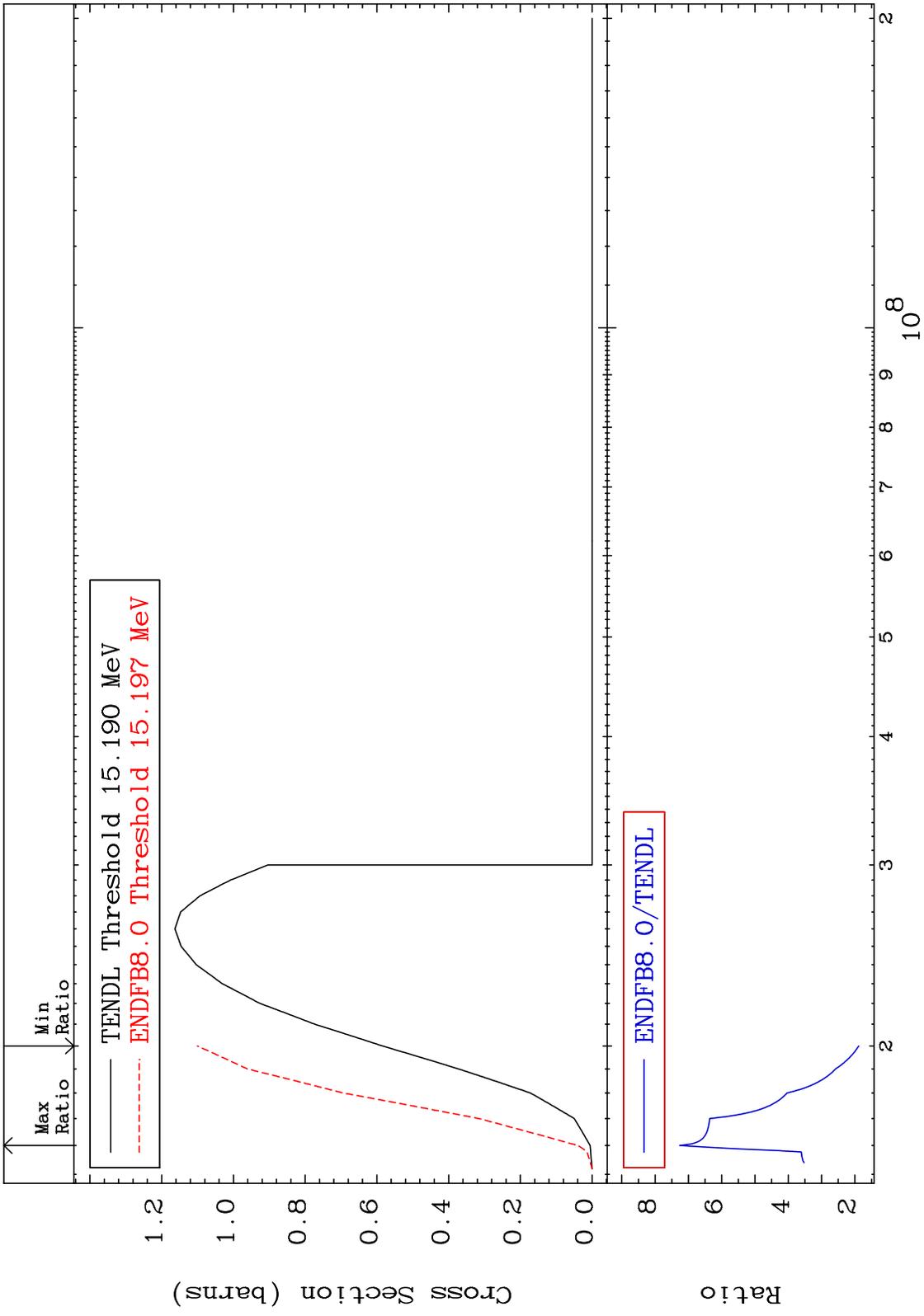
3 Incident Energy (eV) 52-Te-128

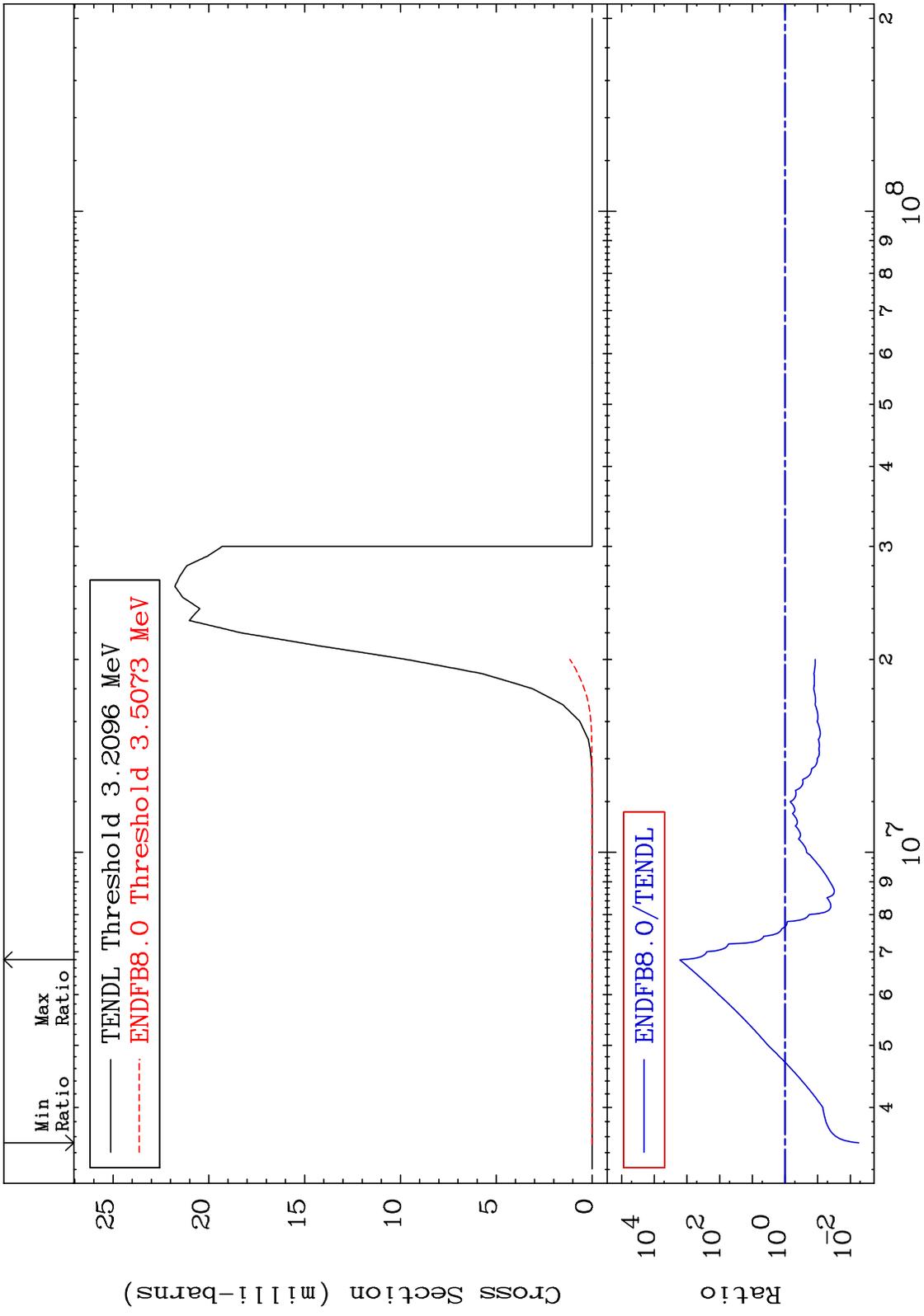
MAT 5249 (n,2n) Cross Section 52-Te-128 -93.20 To -10.07%



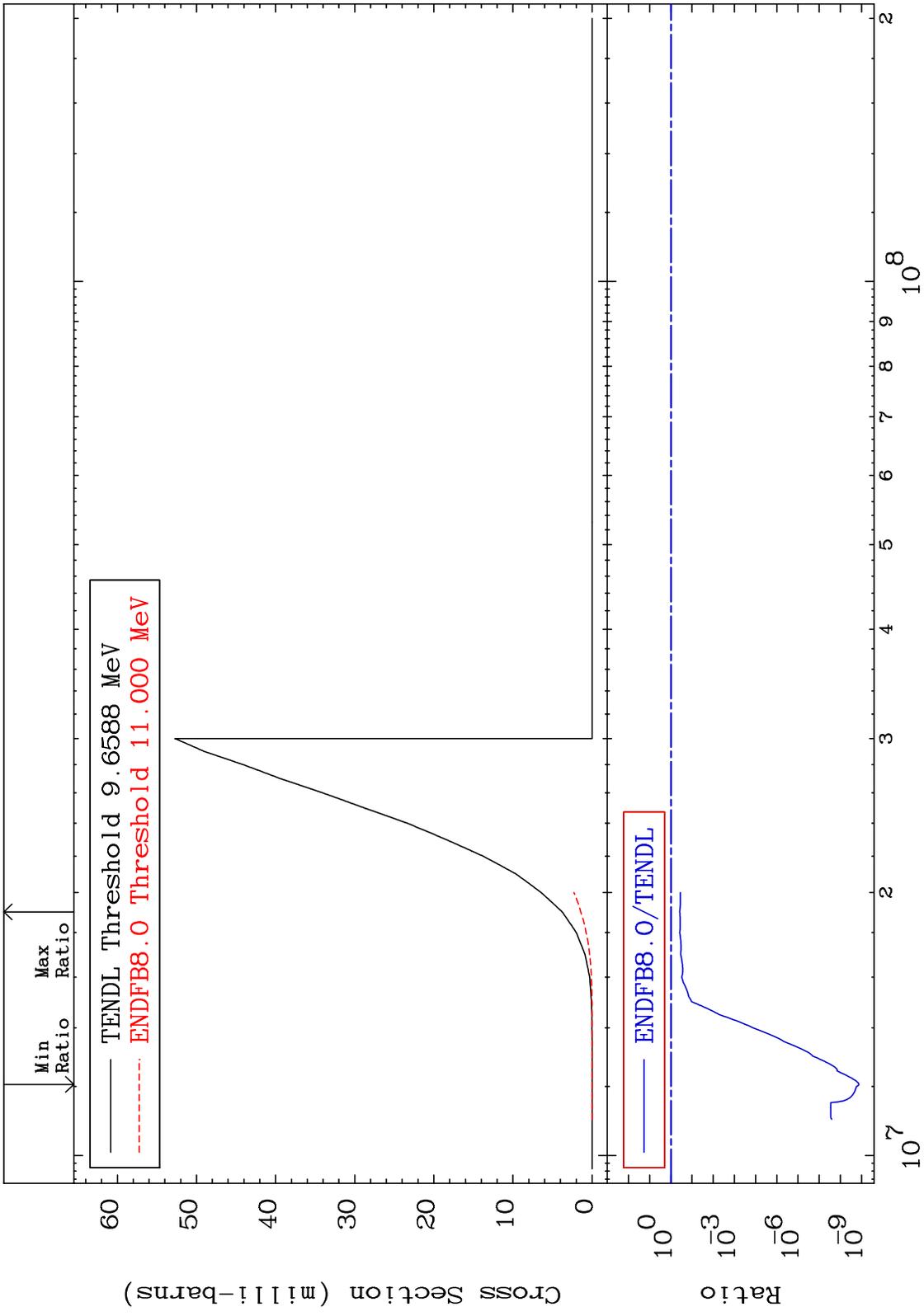
4 Incident Energy (eV) 52-Te-128

MAT 5249 (n,3n) Cross Section 52-Te-128 To 625.9 %
 88.35



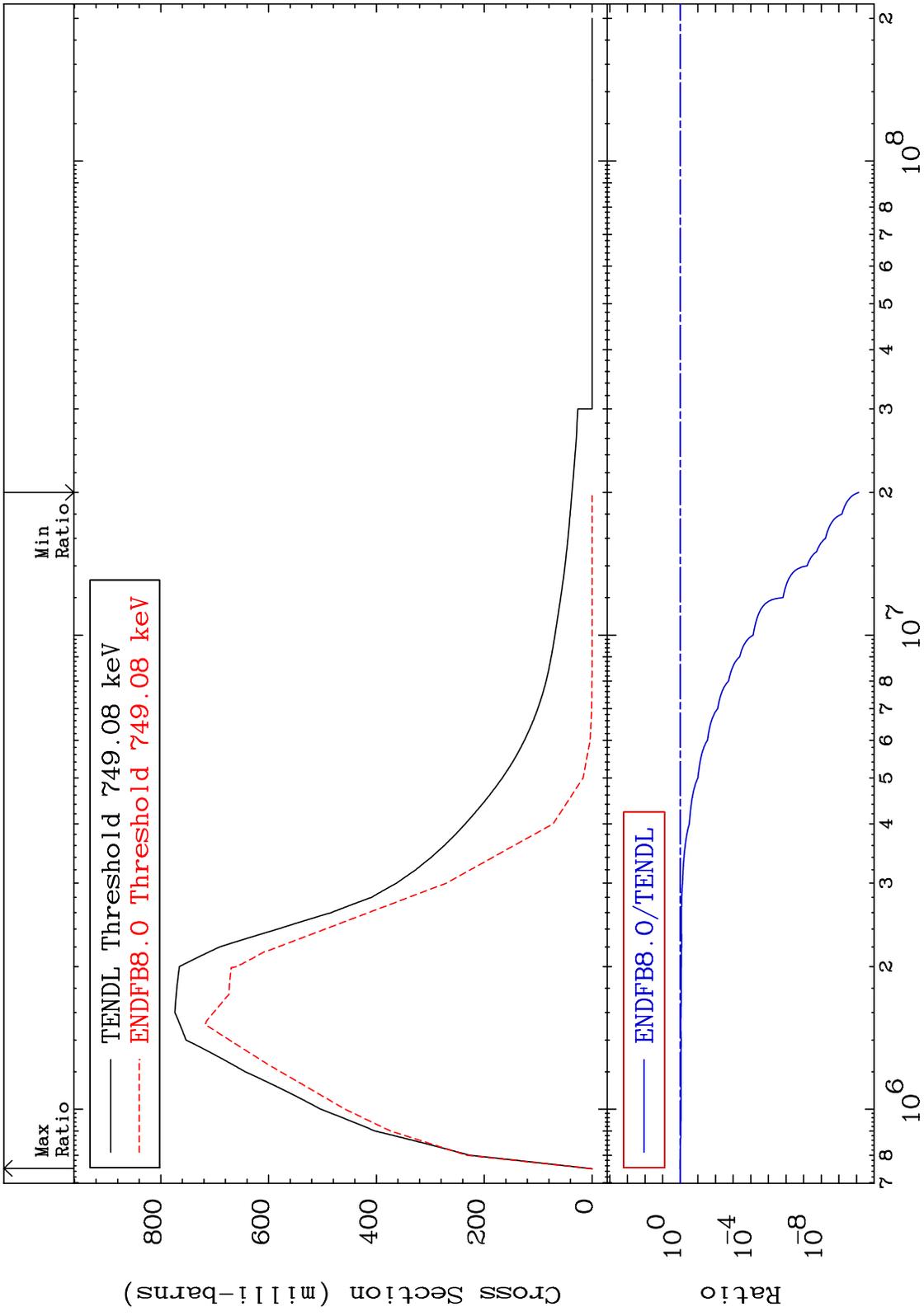


MAT 5249 (n, n') p 52-Te-128
 Cross Section -100.0 To -62.08%



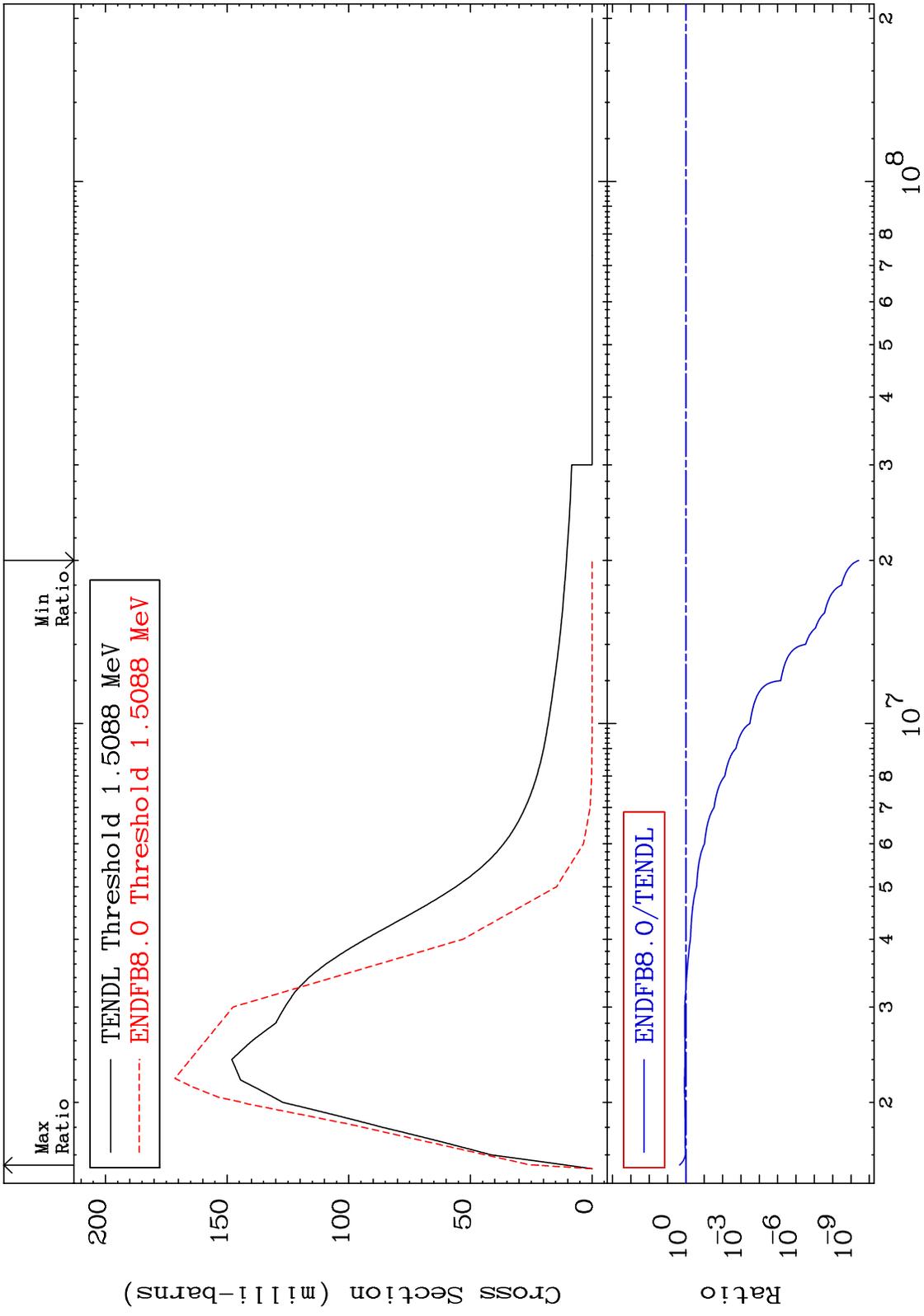
7 10⁷ 10⁸ 2
 52-Te-128

MAT 5249 MT= 51 (n,n') Level Cross Section 52-Te-128 -100.0 To 6.979 %

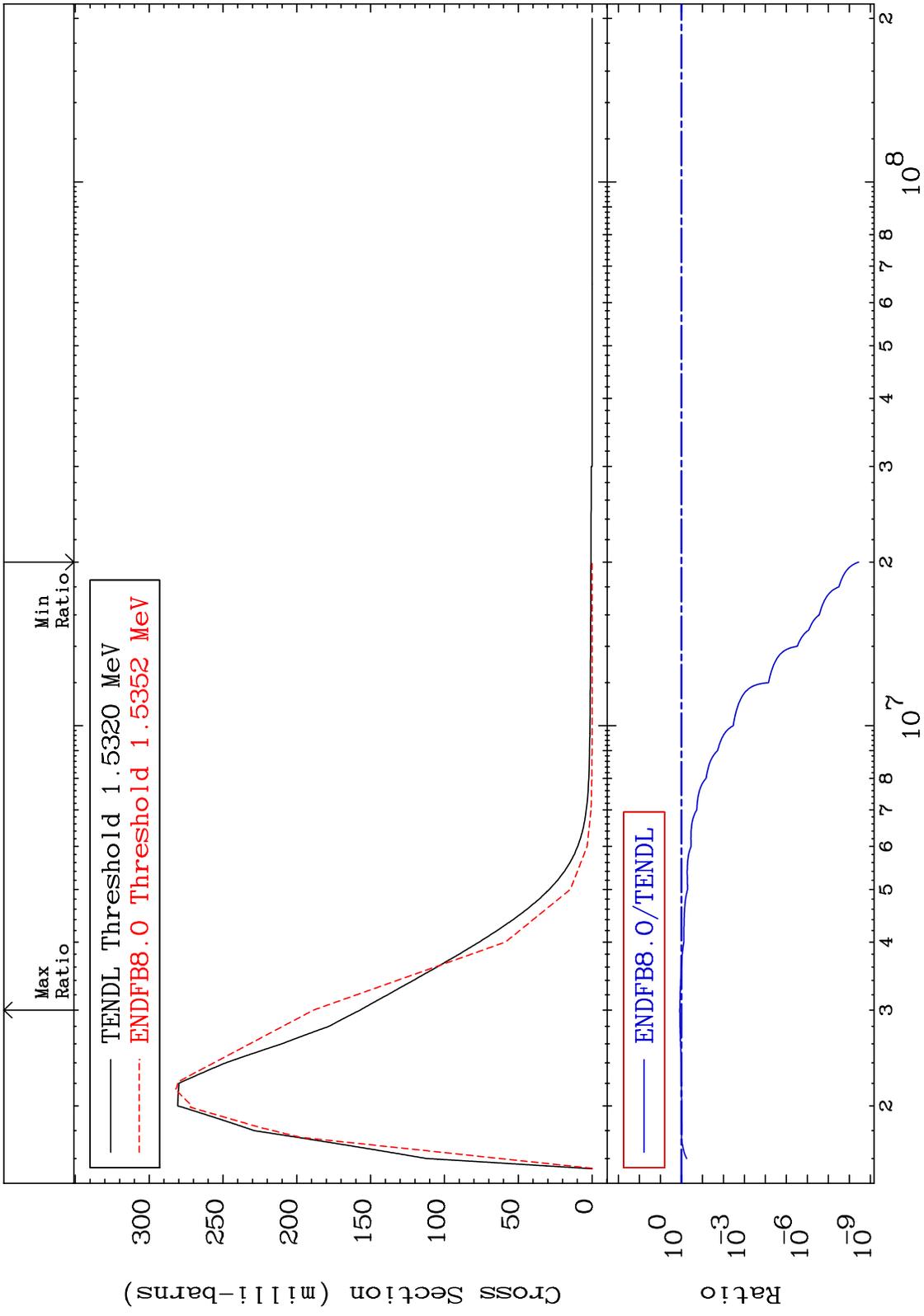


8 Incident Energy (eV) 52-Te-128

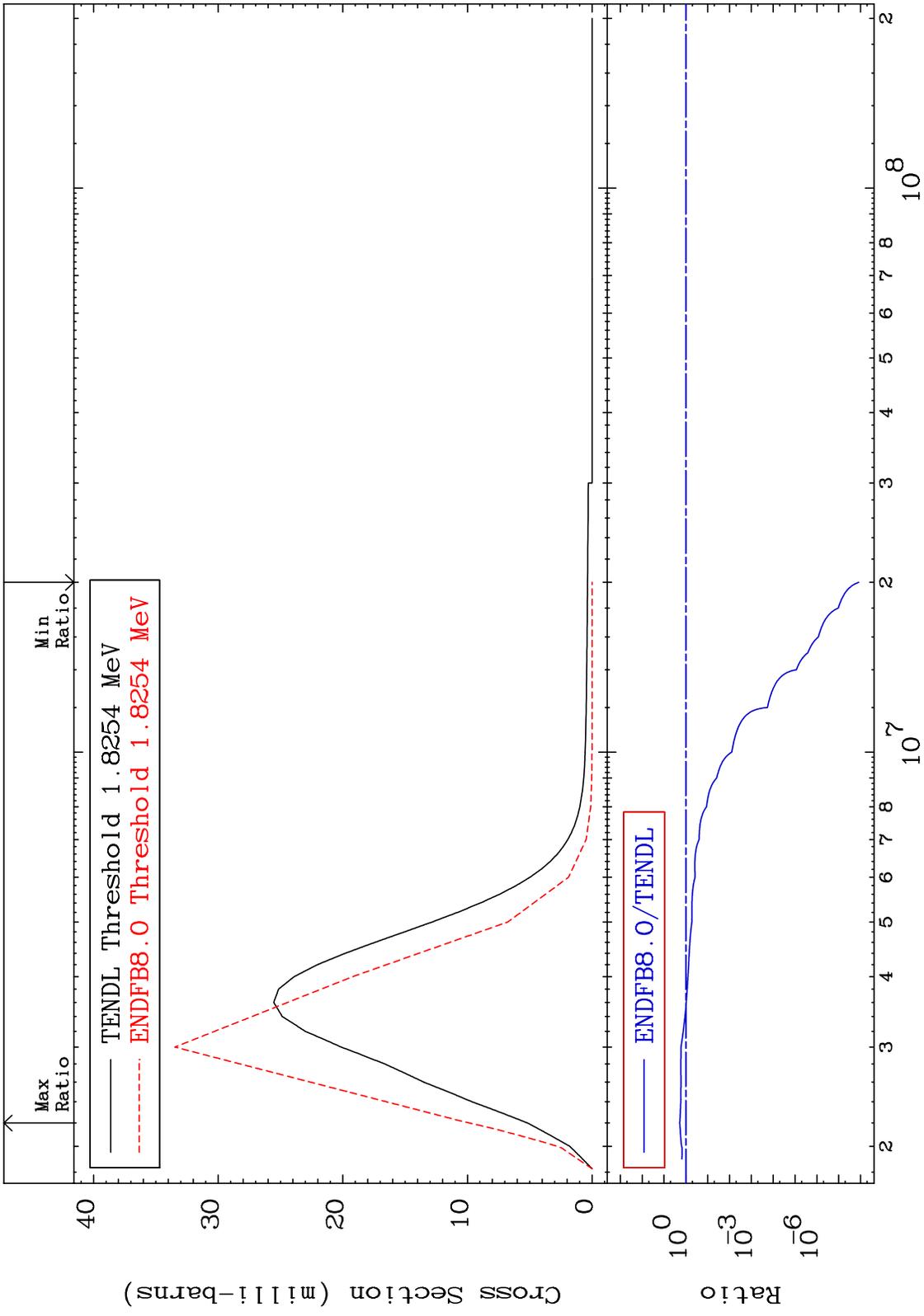
MAT 5249 MT= 52 (n,n') Level Cross Section 52-Te-128
 -100.0 To 116.5 %



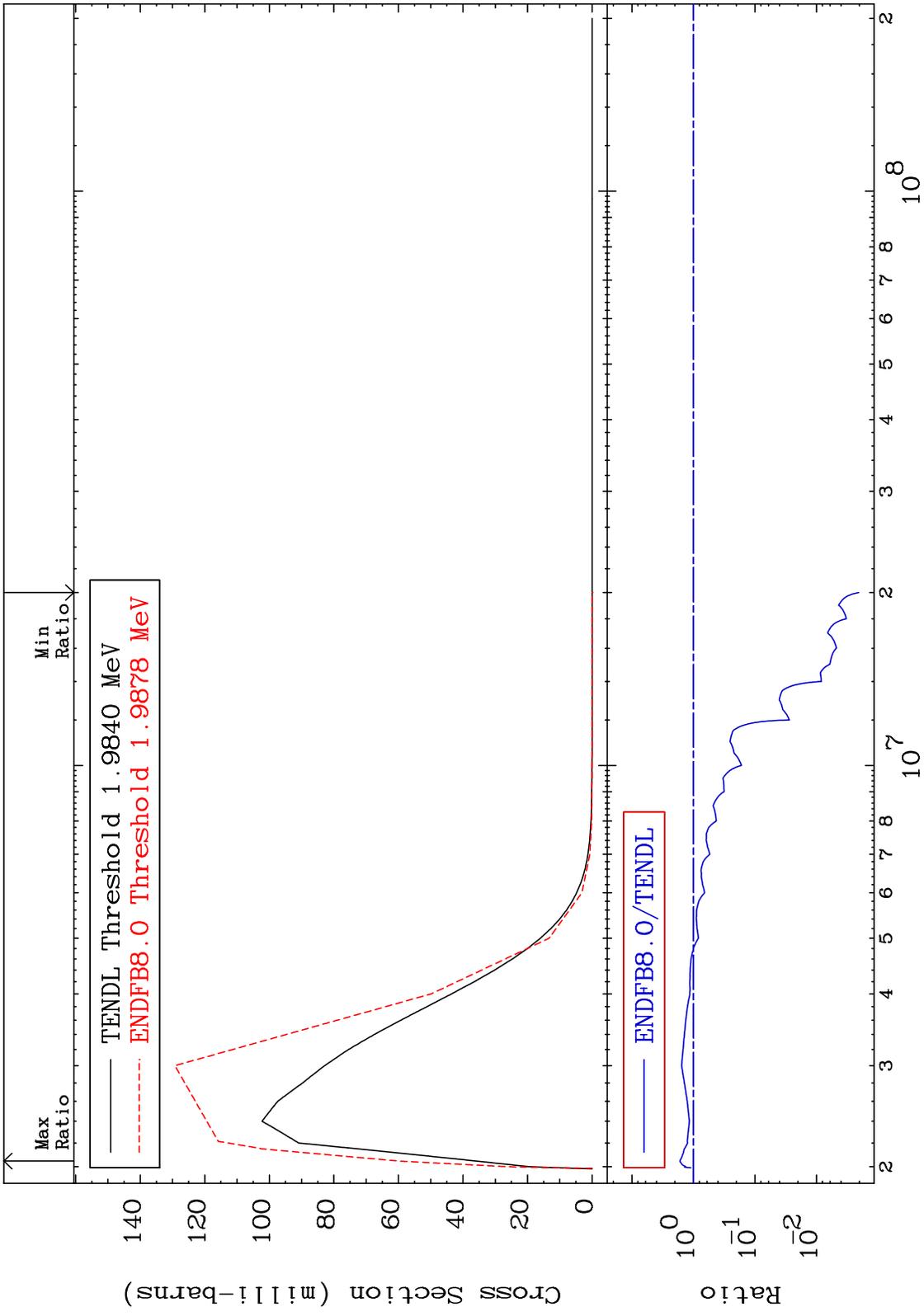
MAT 5249 MT= 53 (n,n') Level Cross Section 52-Te-128
 -100.0 To 20.08 %



MAT 5249 MT= 54 (n,n') Level Cross Section 52-Te-128
 -100.0 To 90.13 %

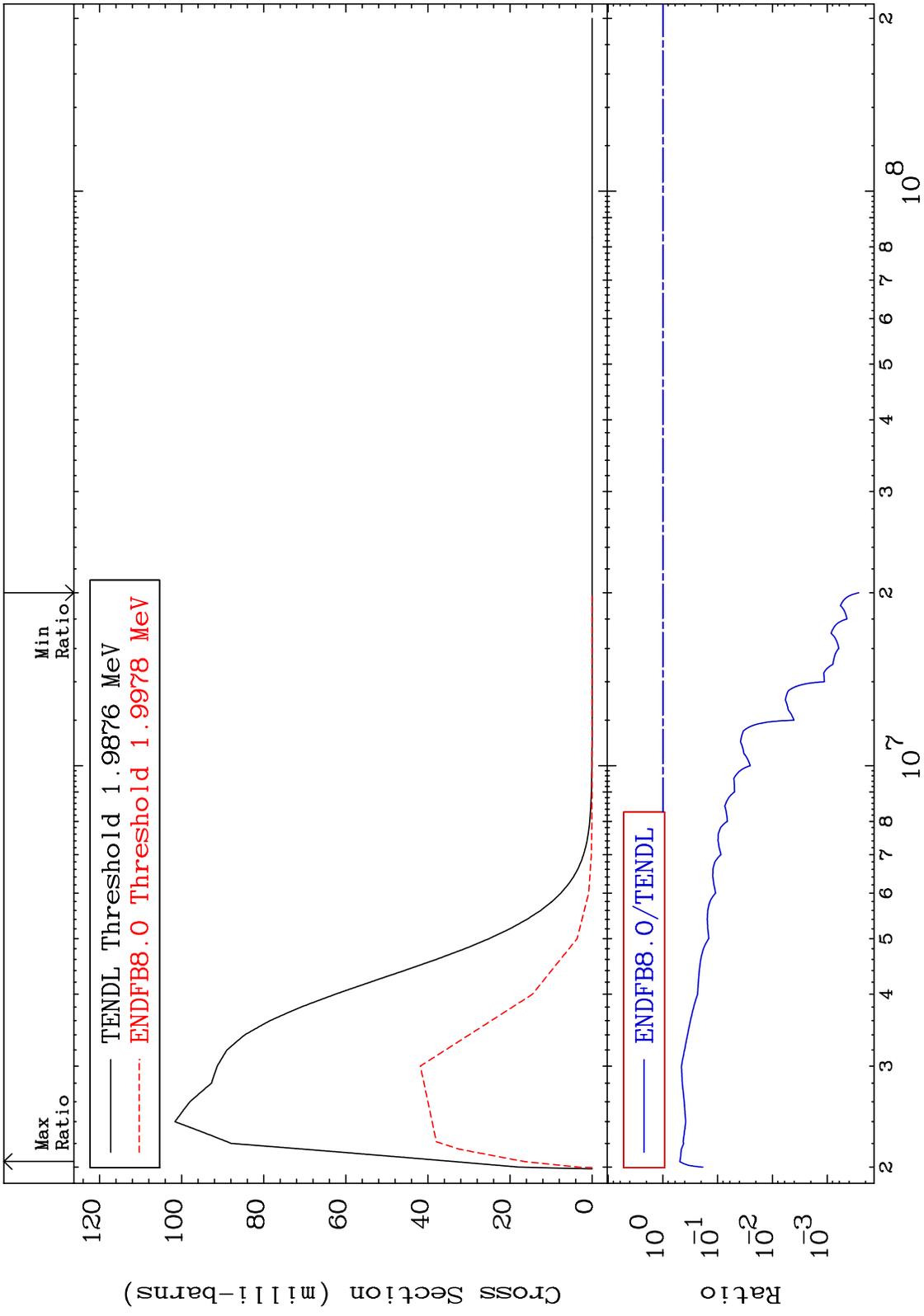


MAT 5249 MT= 55 (n,n') Level Cross Section 52-Te-128 -99.79 To 67.14 %

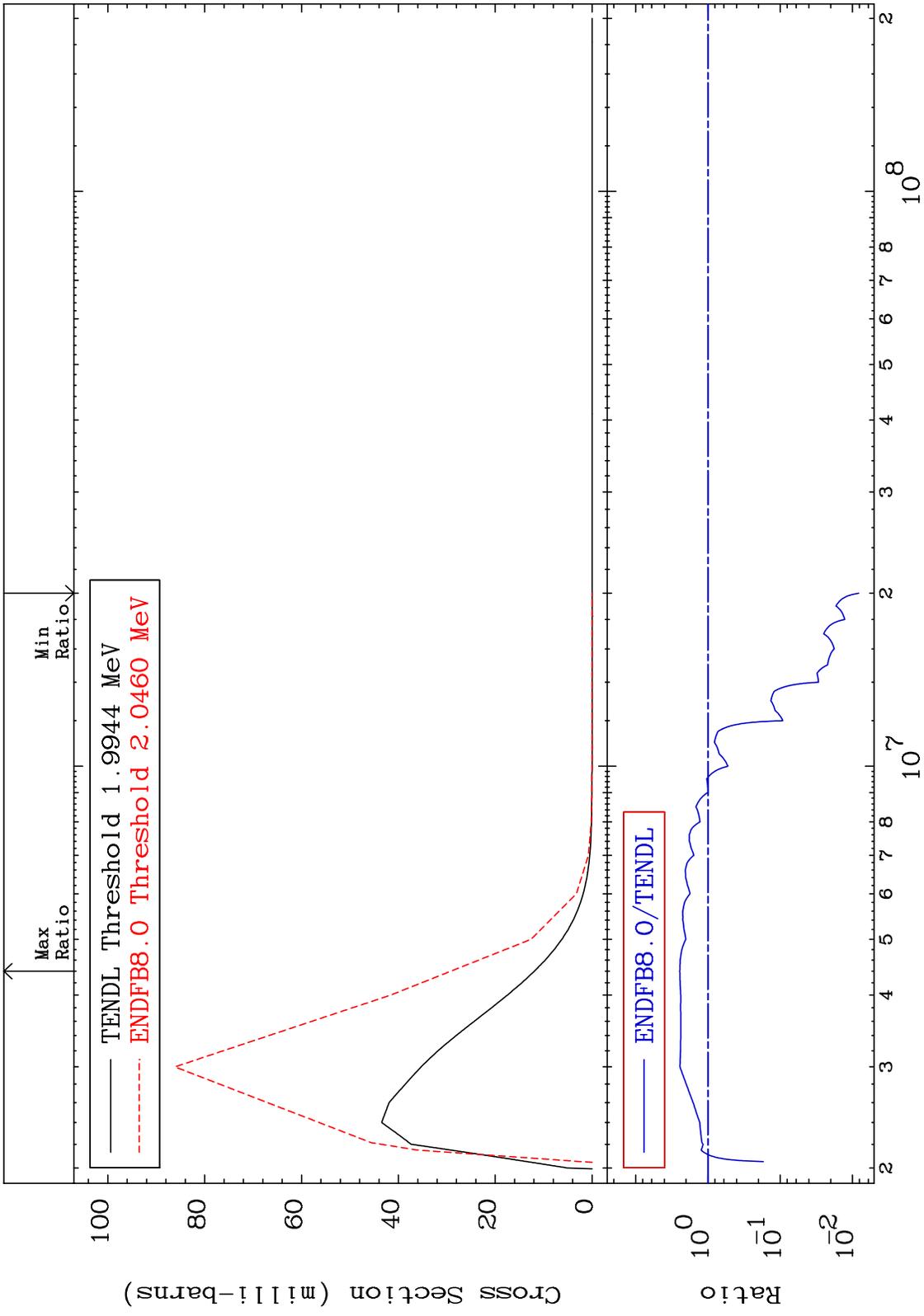


12 52-Te-128

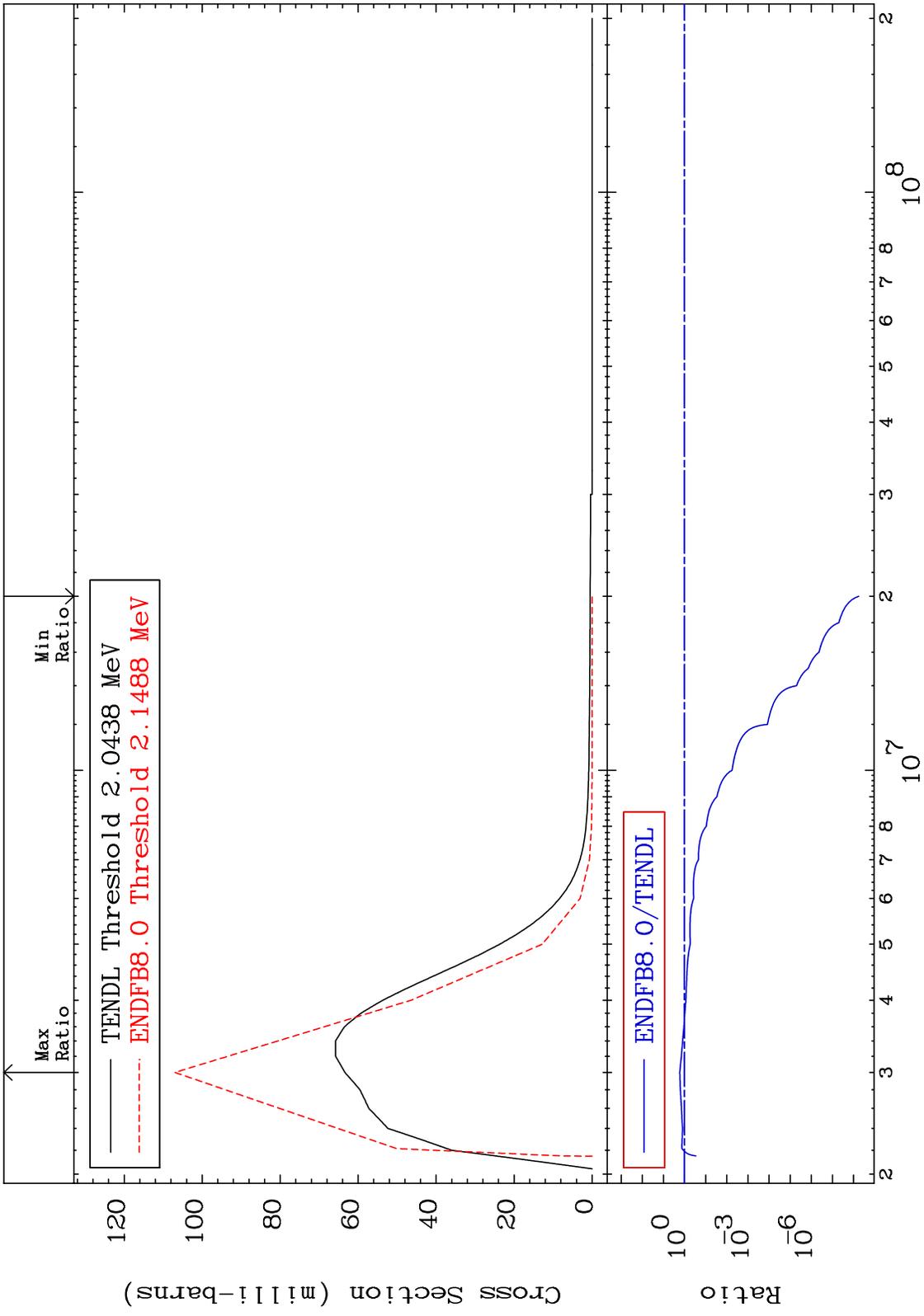
MAT 5249 MT= 56 (n,n') Level Cross Section 52-Te-128
 -99.97 To -50.83%



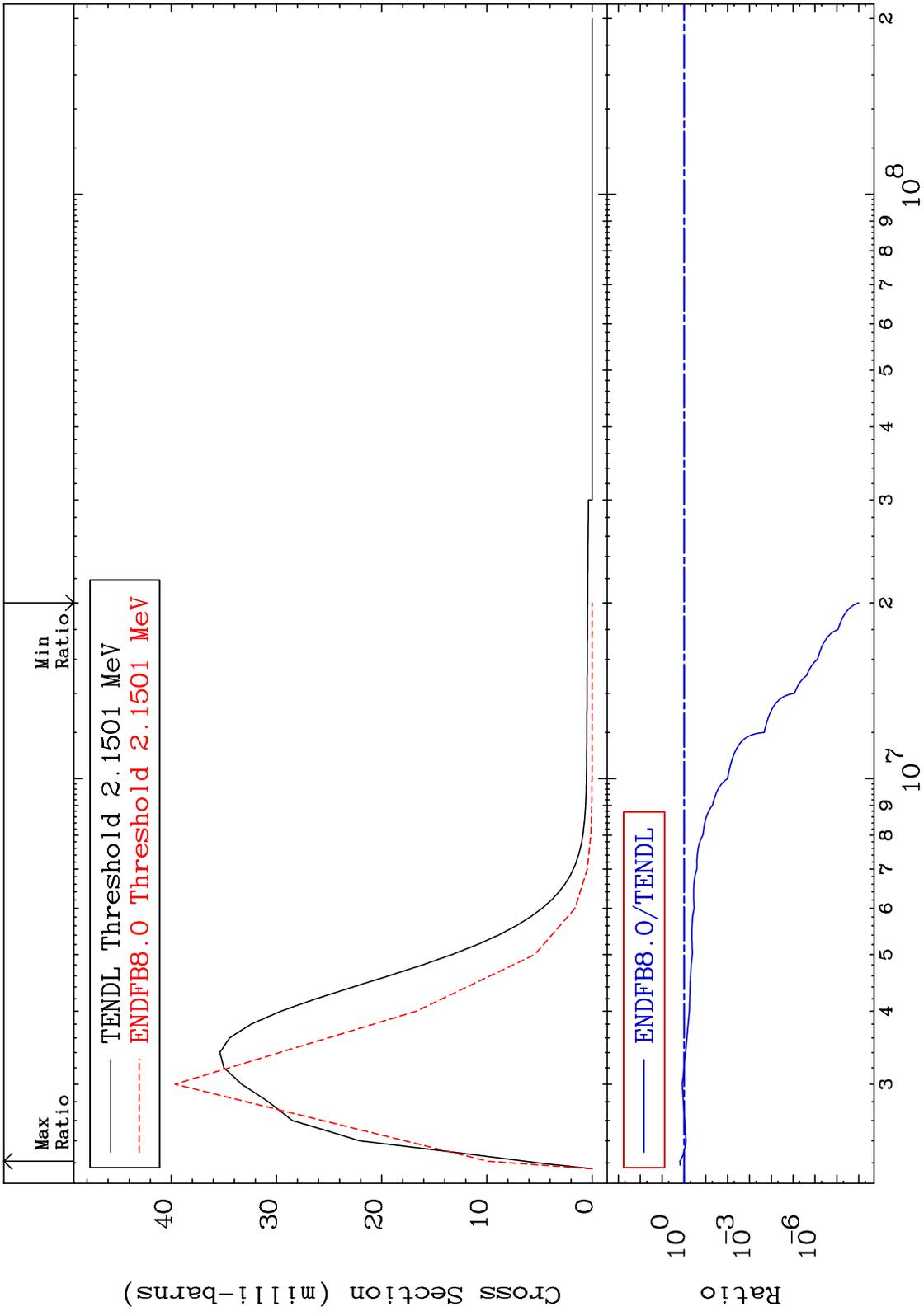
MAT 5249 MT= 57 (n,n') Level Cross Section 52-Te-128 -99.18 To 145.1 %

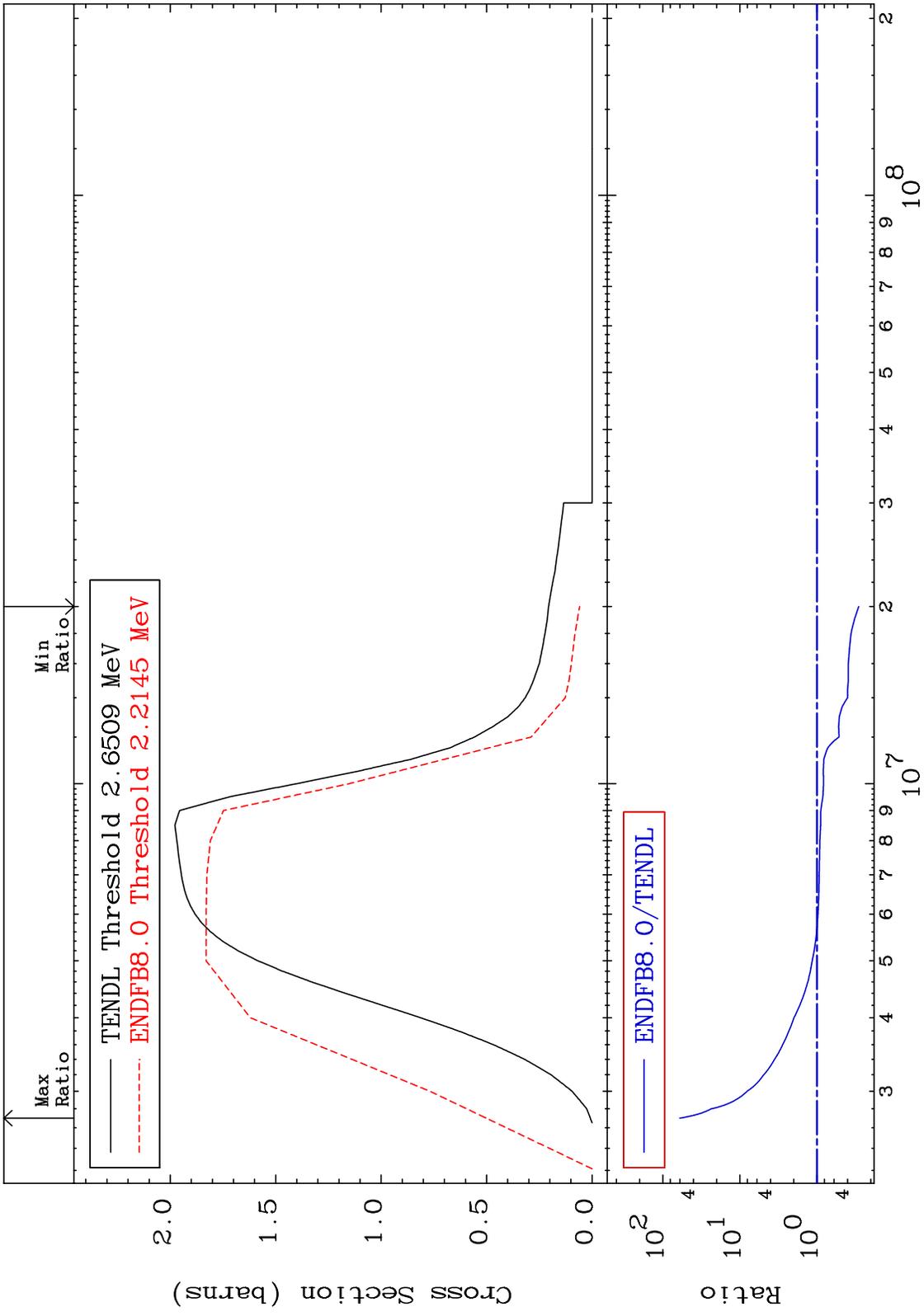


MAT 5249 MT= 58 (n,n') Level Cross Section 52-Te-128
 -100.0 To 68.75 %



MAT 5249 MT= 59 (n,n') Level Cross Section 52-Te-128
 -100.0 To 55.86 %





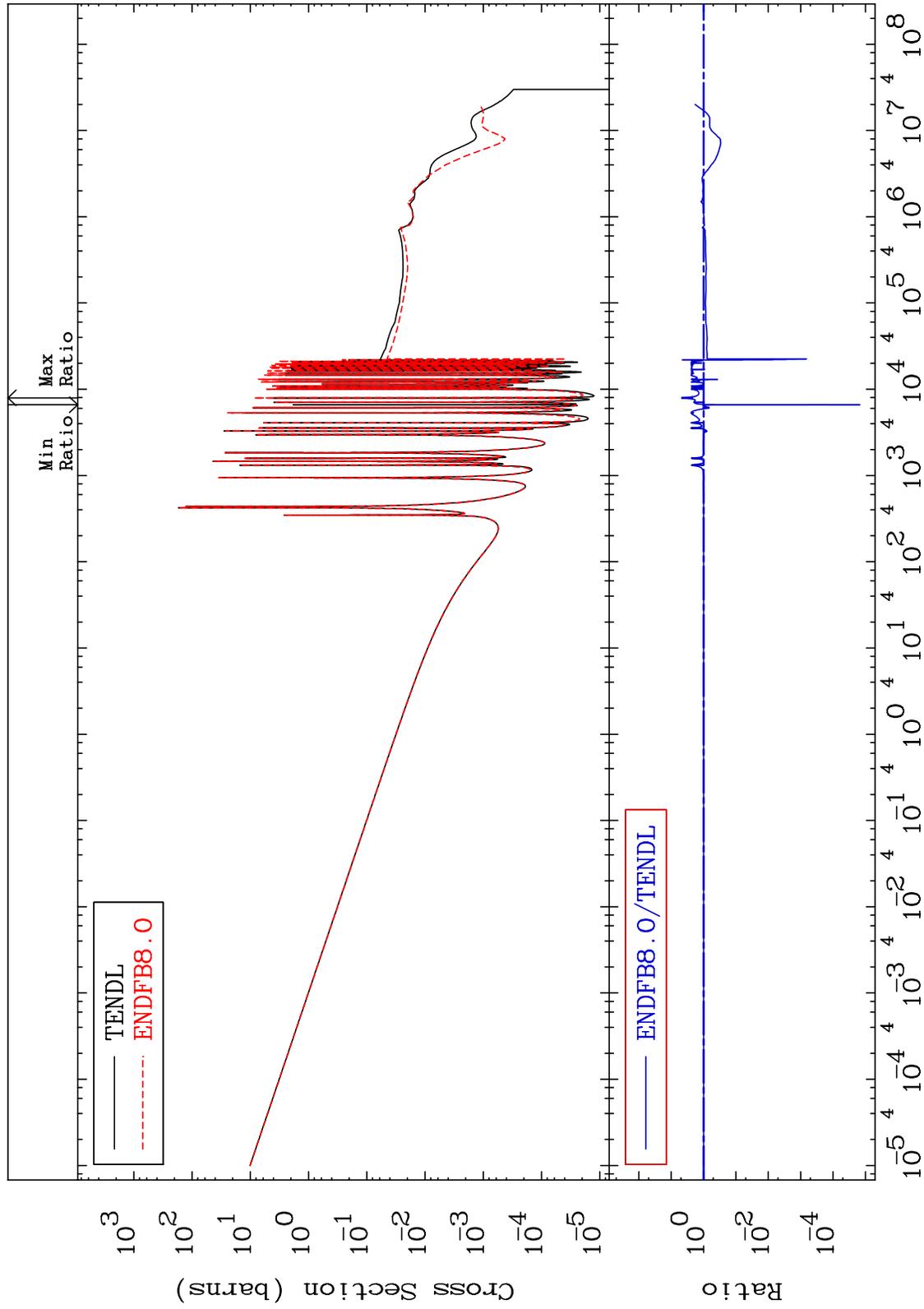
MAT 5249

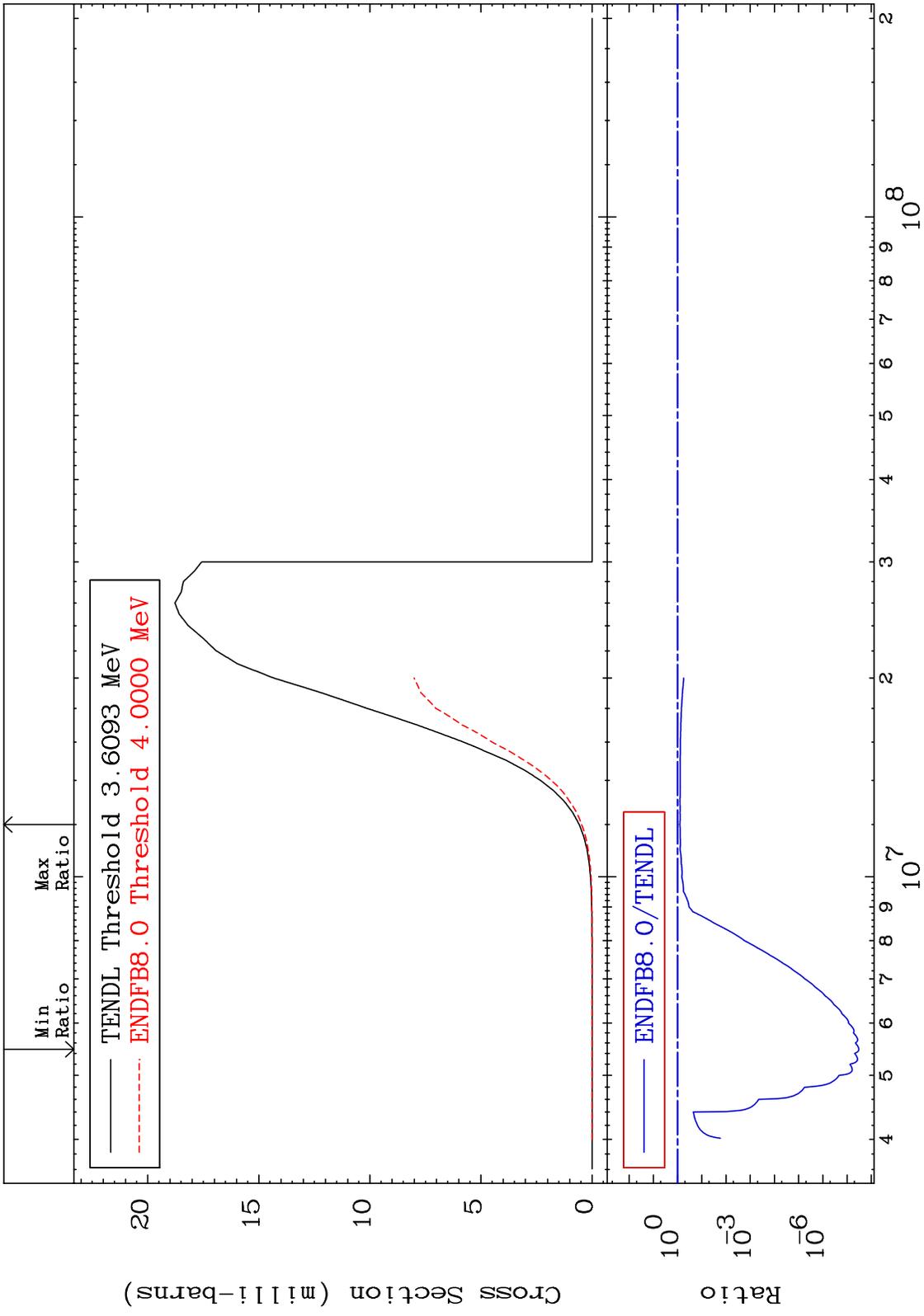
(n, γ)

52-Te-128

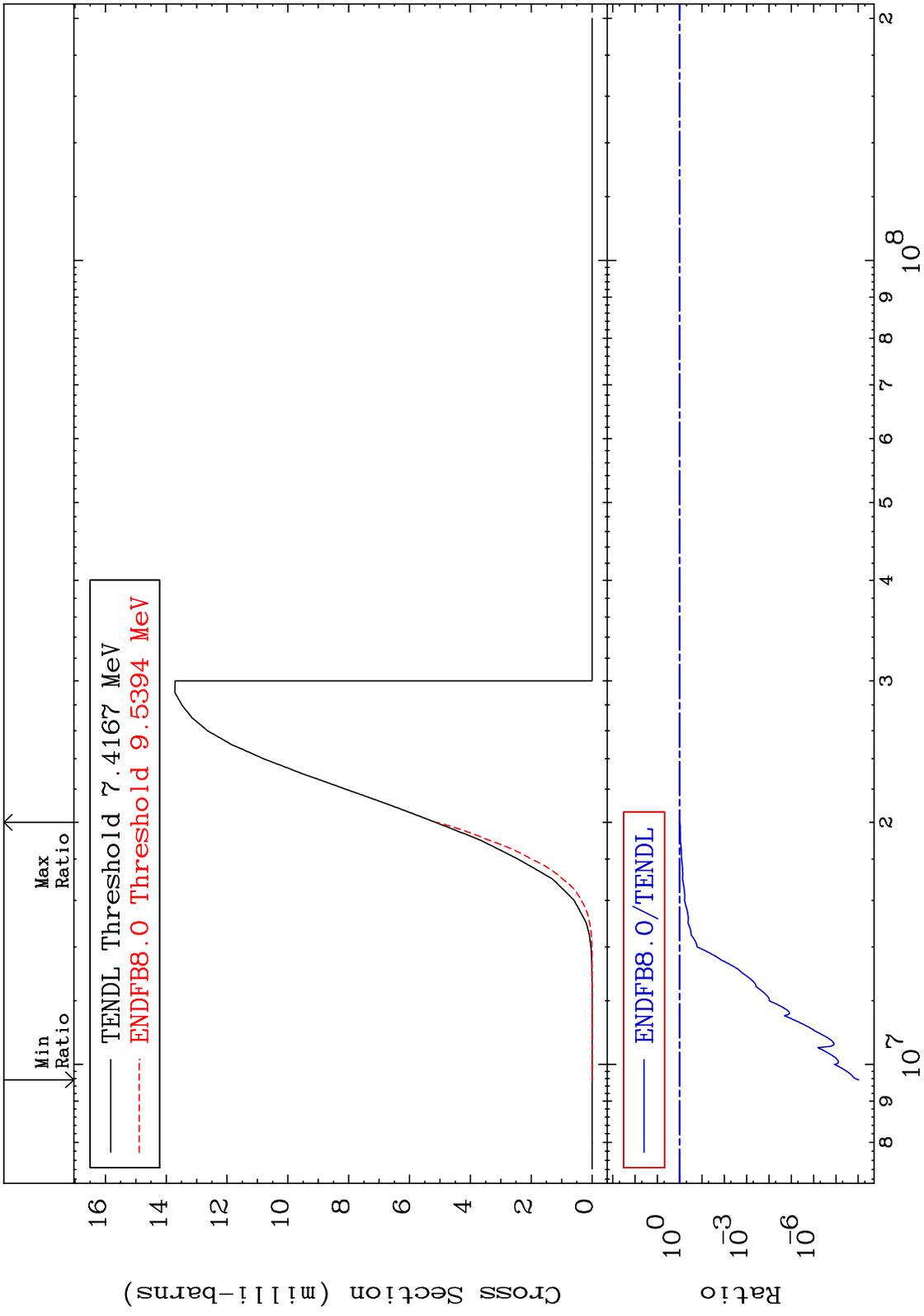
-100.0 To 382.8 %

Cross Section





MAT 5249 (n,d) Cross Section 52-Te-128 -100.0 To -1.120%



20 Incident Energy (eV) 52-Te-128

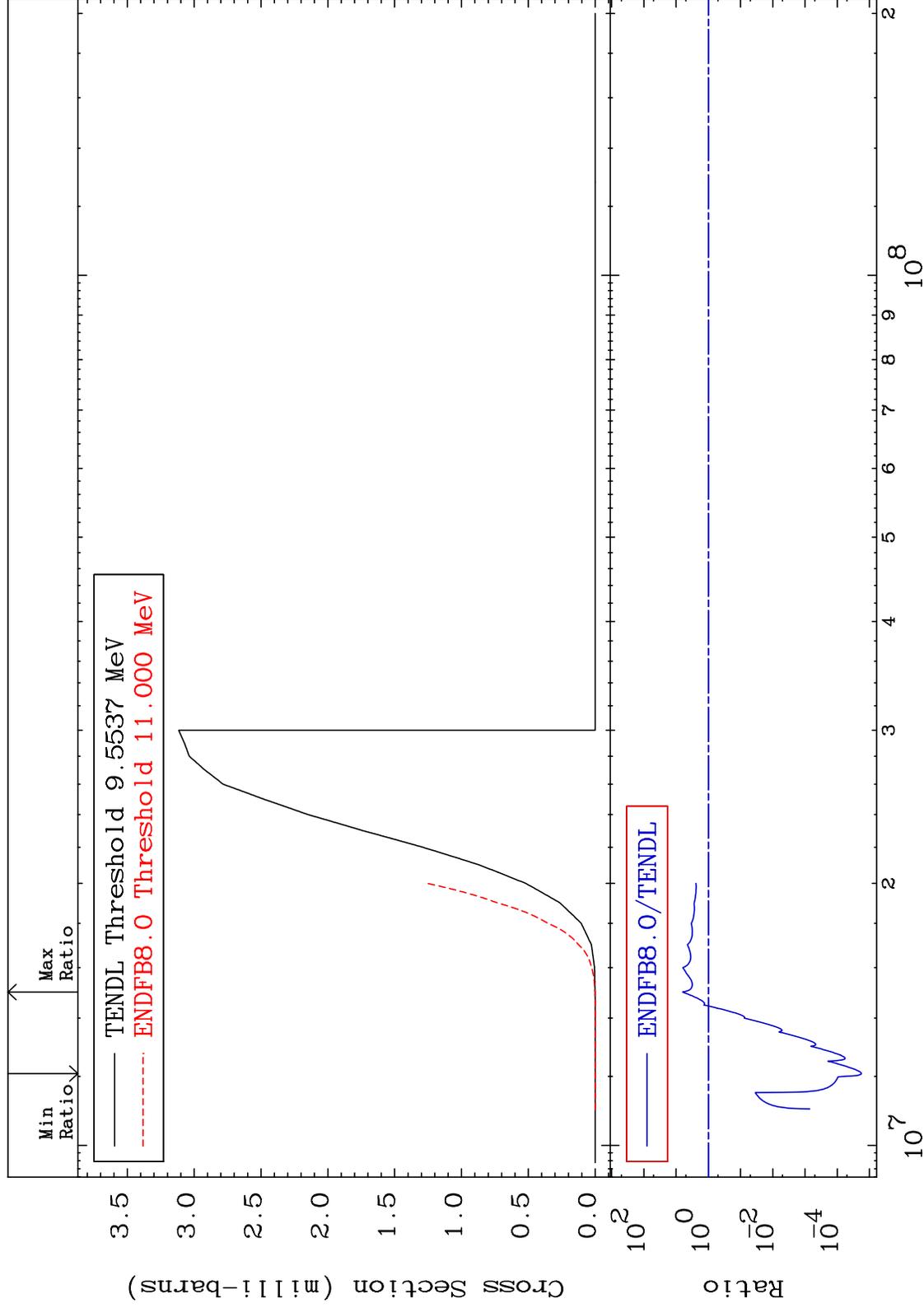
MAT 5249

(n,t)

52-Te-128

Cross Section

-100.0 To 527.4 %



21

Incident Energy (eV)

52-Te-128

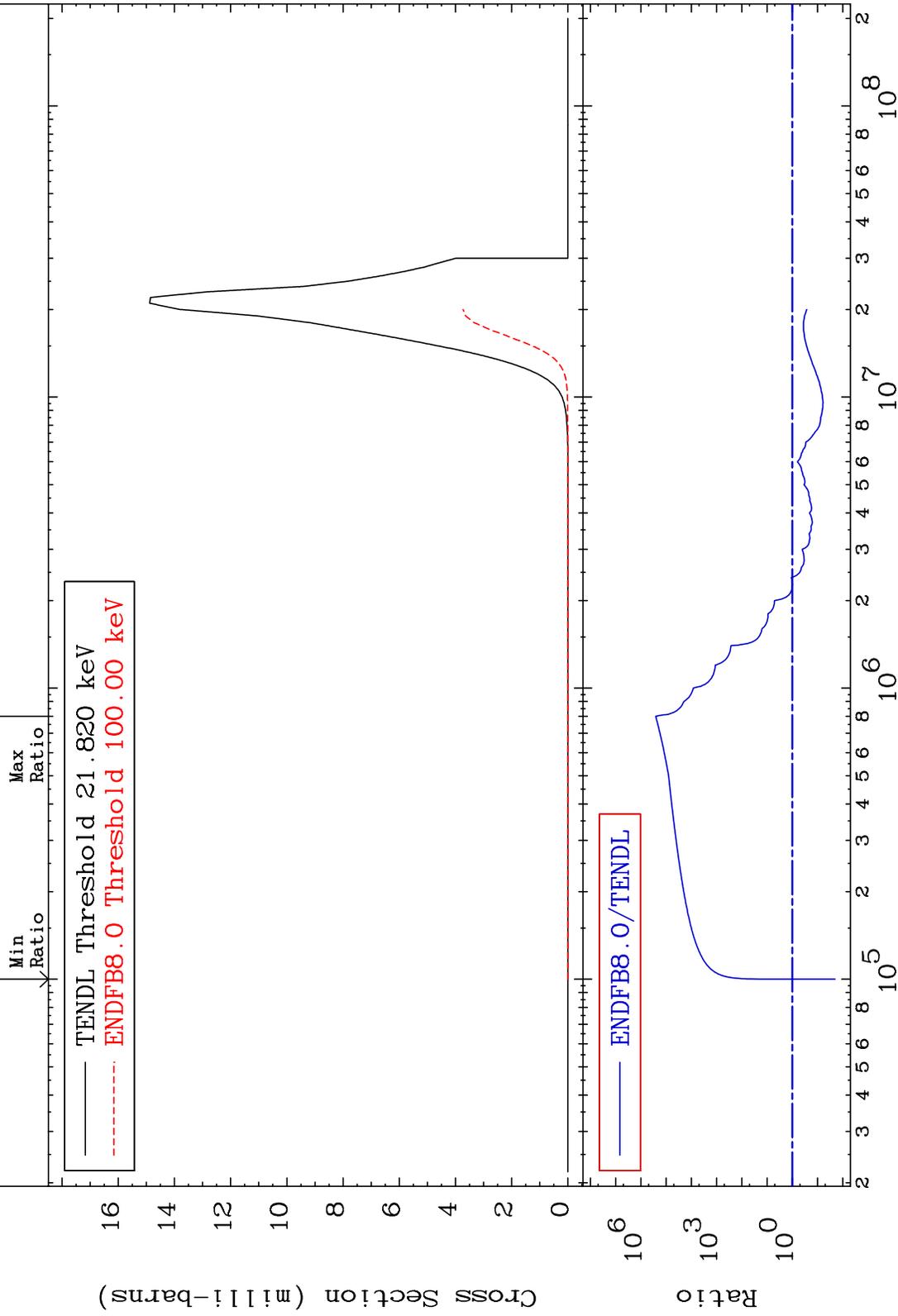
MAT 5249

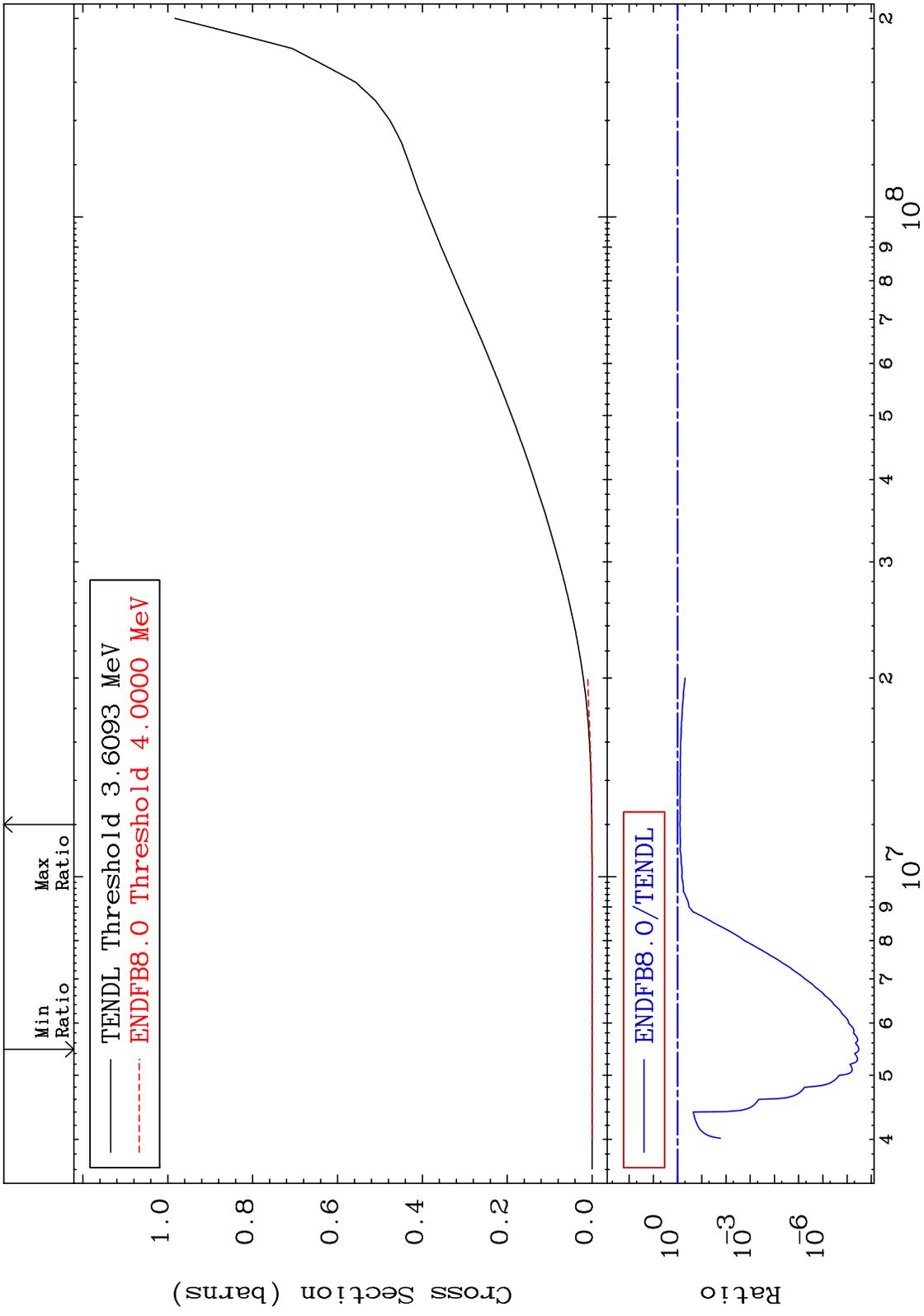
(n, α)

52-Te-128

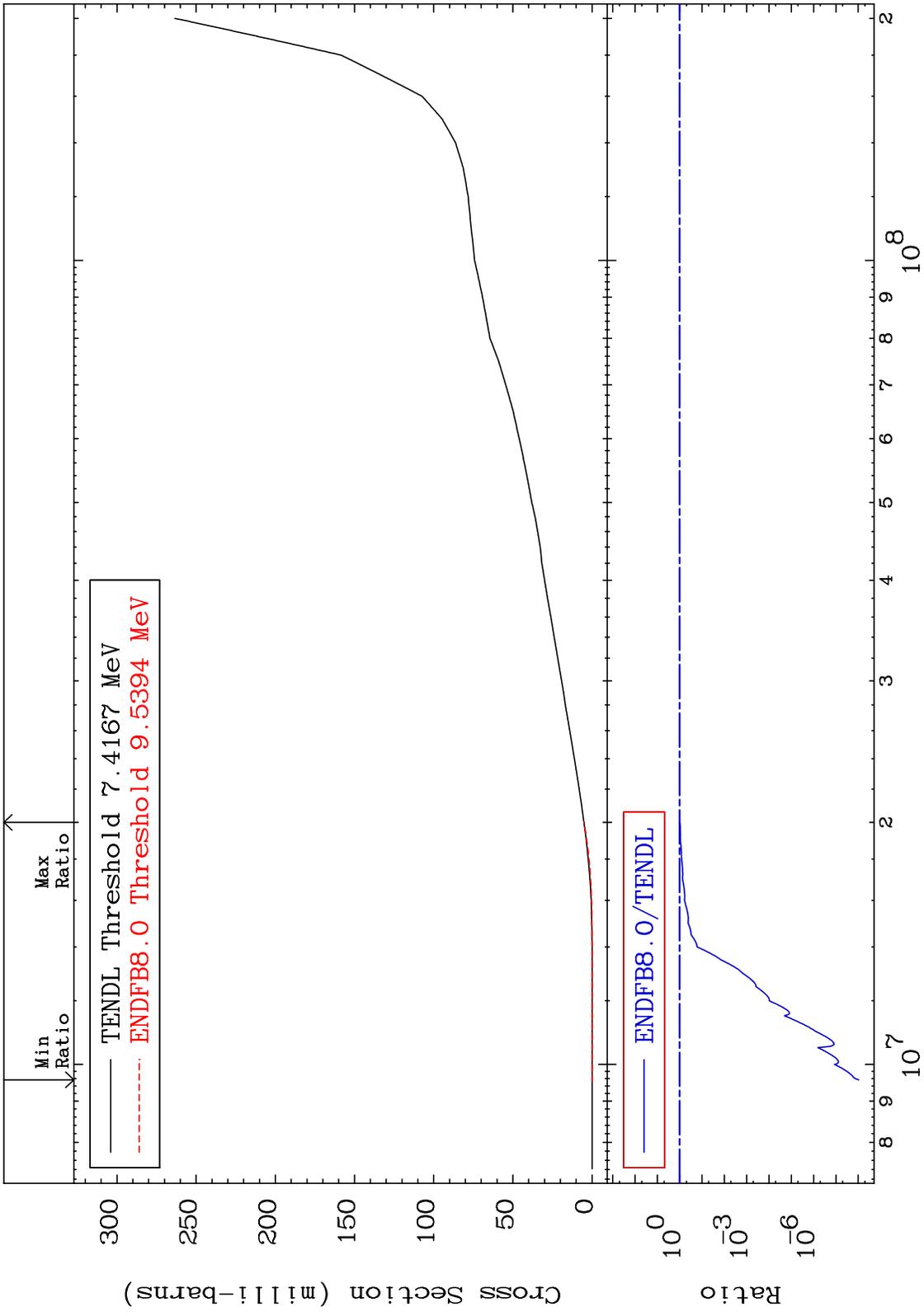
-97.98 To 9999. %

Cross Section





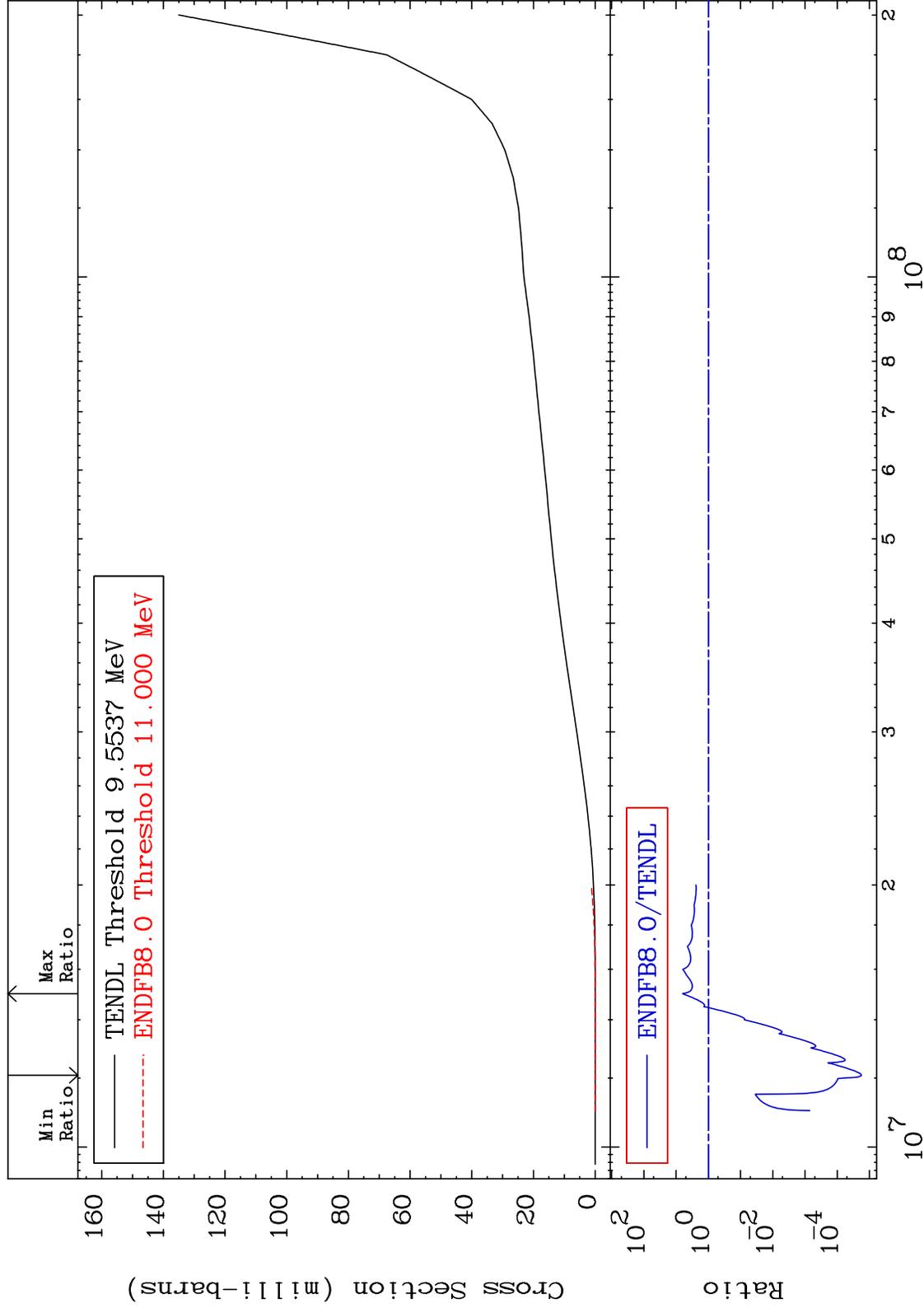
MAT 5249 Deuterium Production Cross Section 52-Te-128 -100.0 To -1.122%



MAT 5249

Tritium Production
Cross Section

52-Te-128
-100.0 To 527.4 %



25

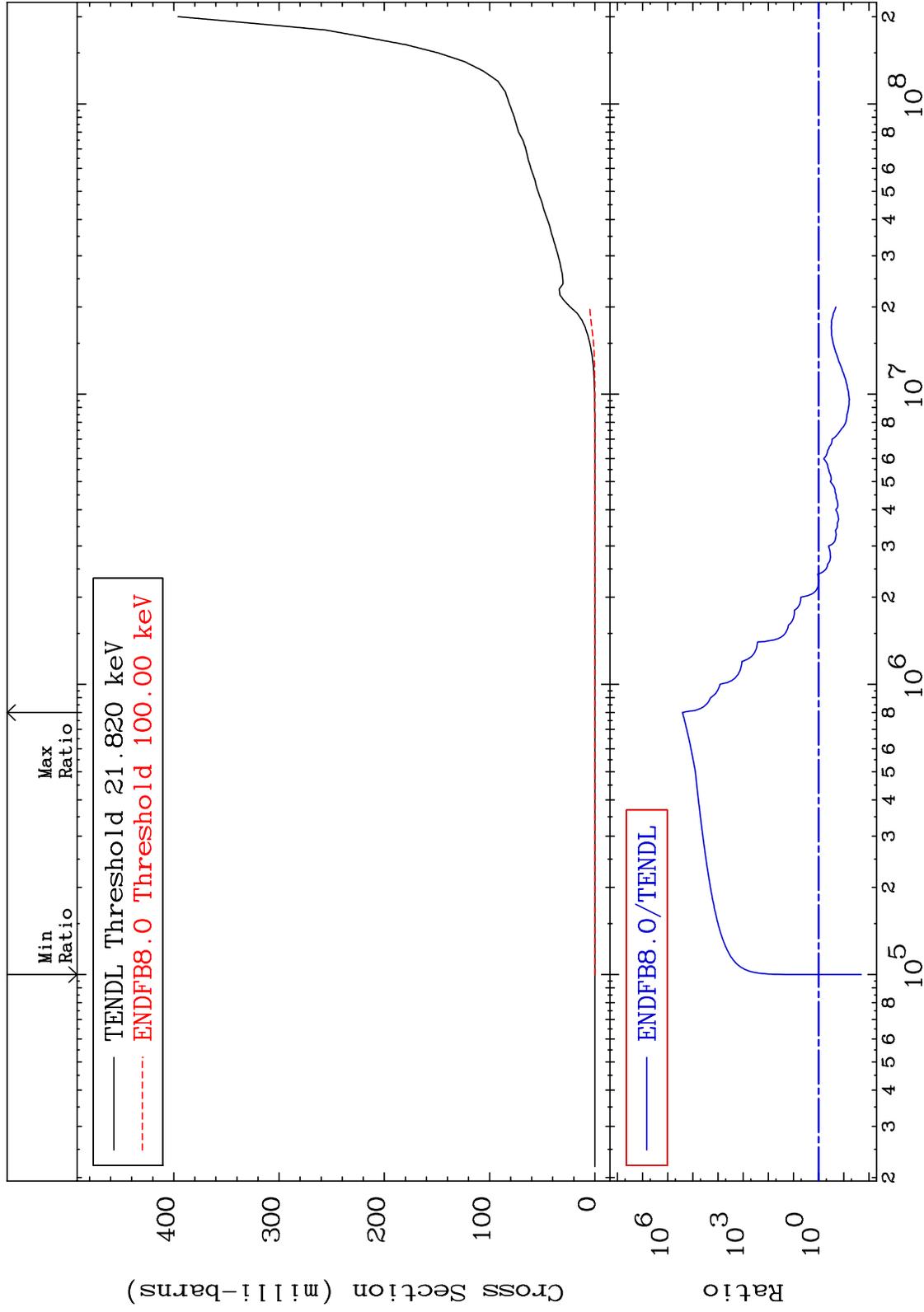
Incident Energy (eV)

52-Te-128

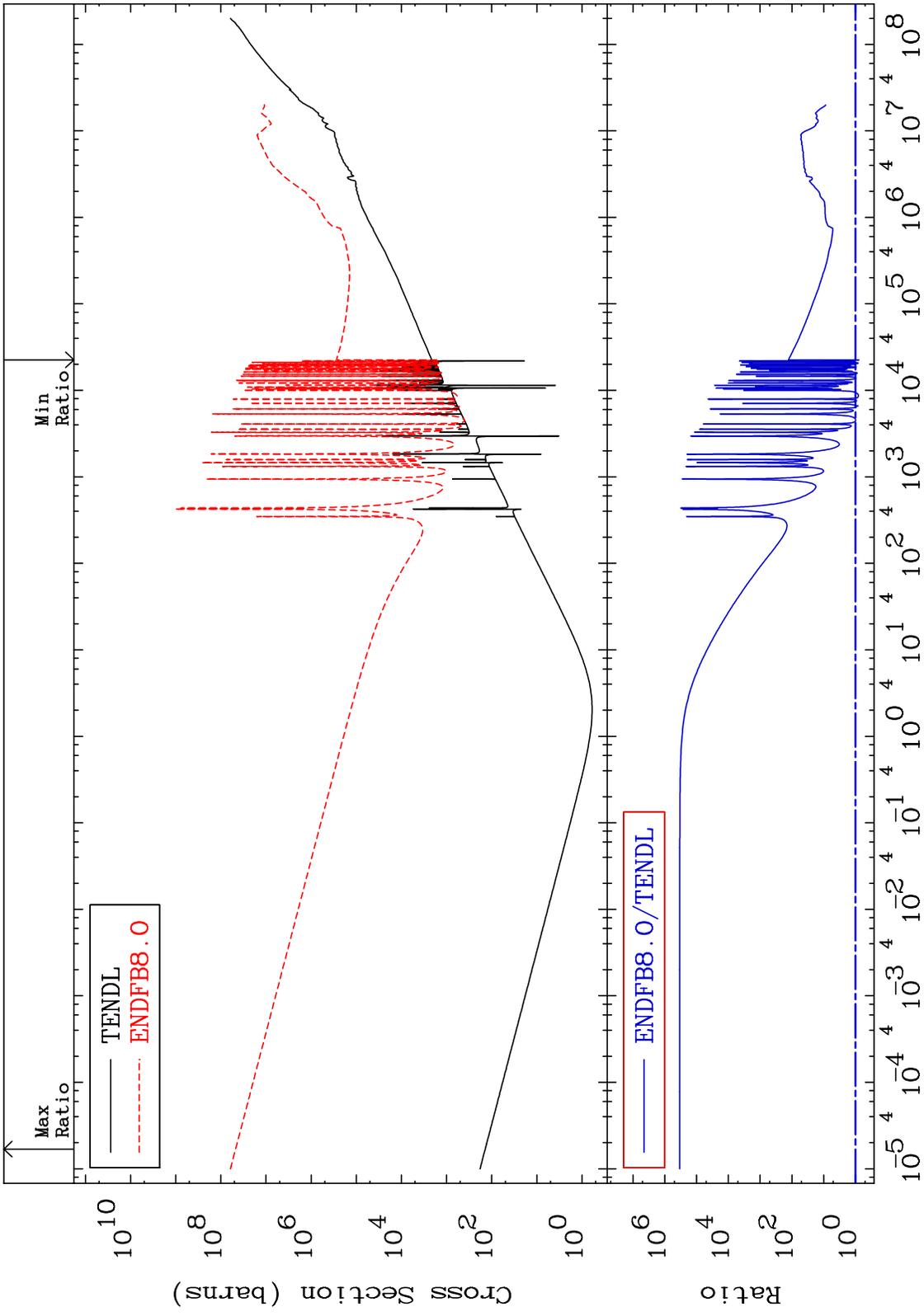
MAT 5249

He-4 Production
Cross Section

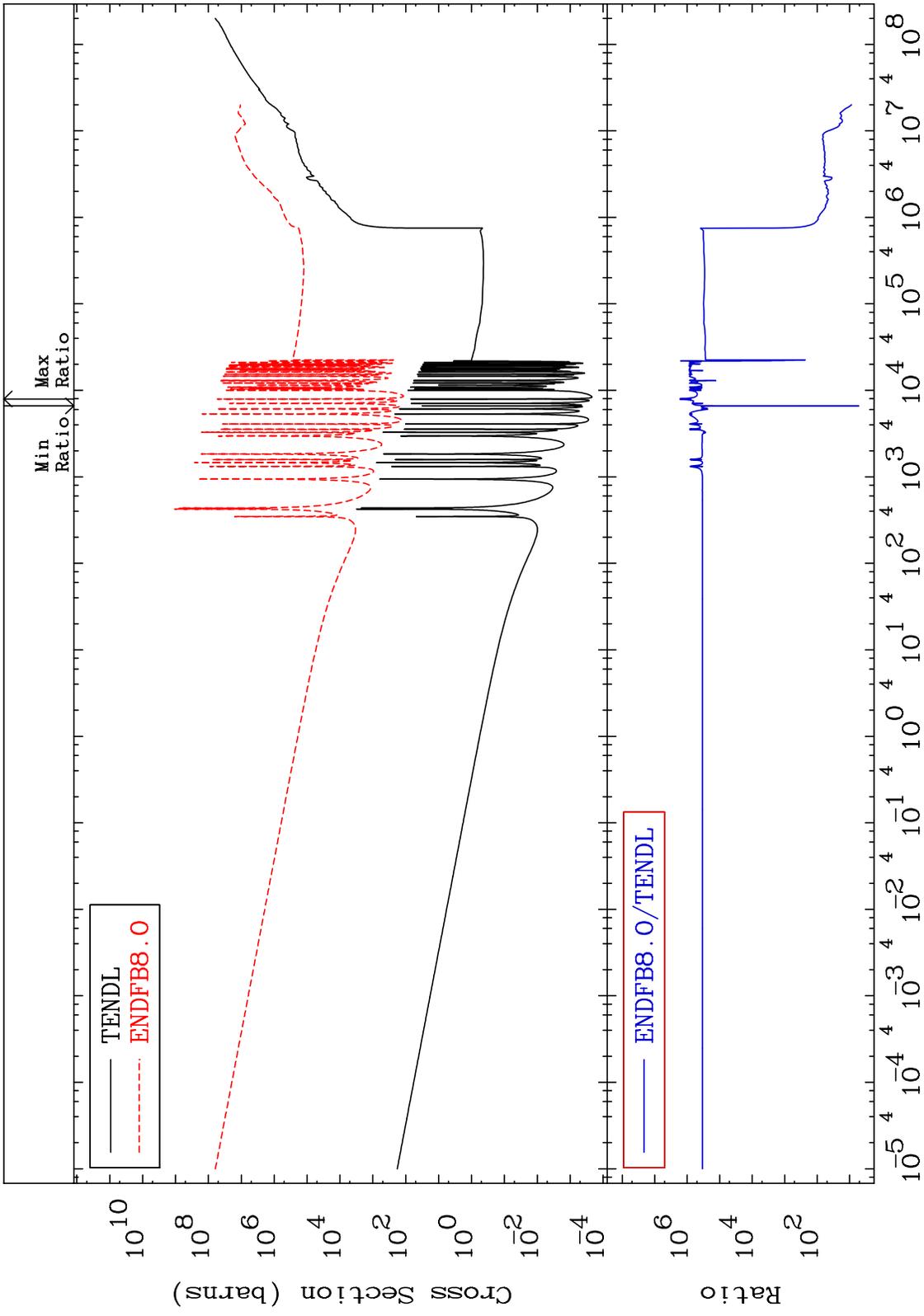
52-Te-128
-97.98 To 9999. %



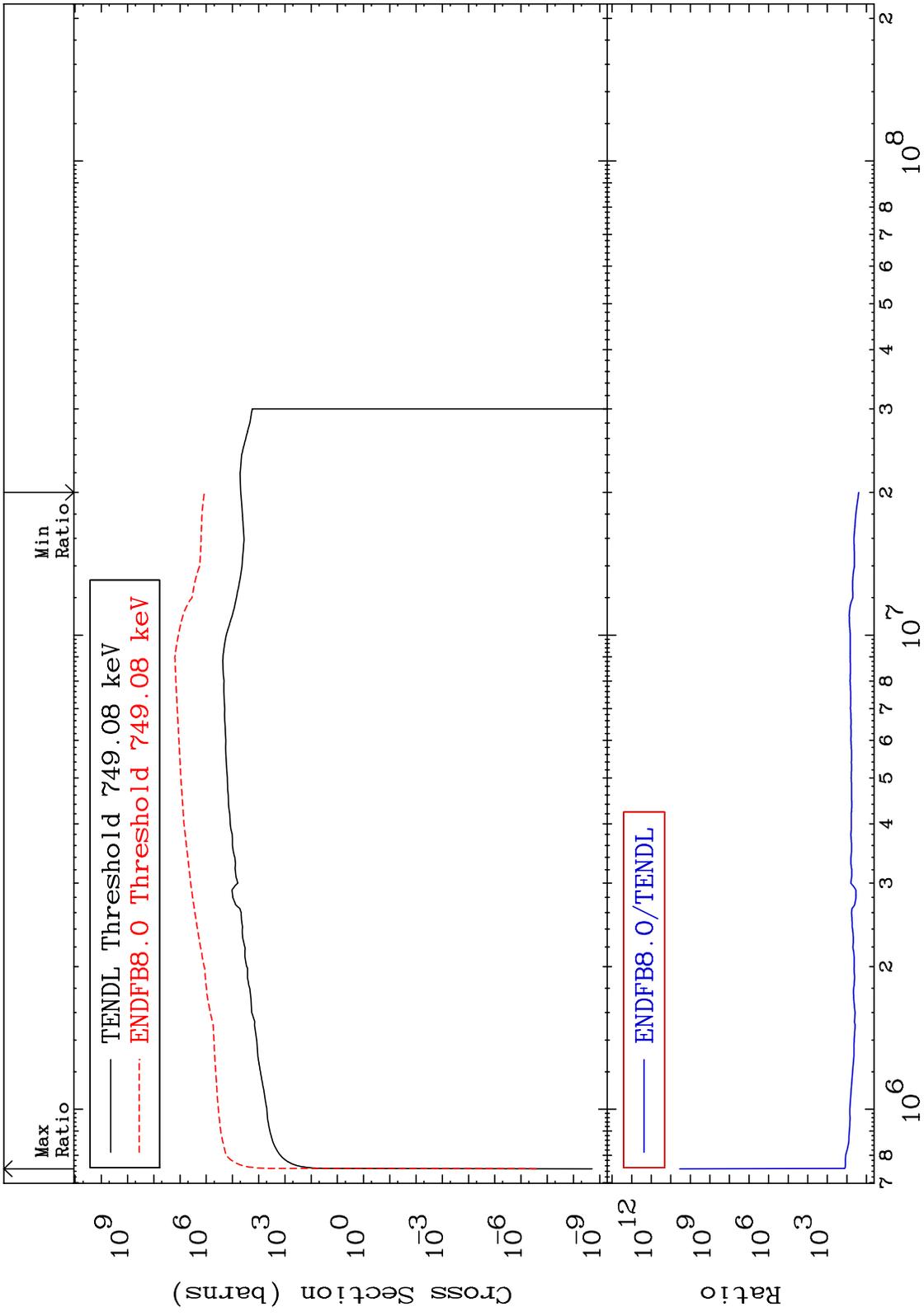
MAT 5249 Kerma total (eV-barns) 52-Te-128
 Cross Section -21.50 To 9999. %



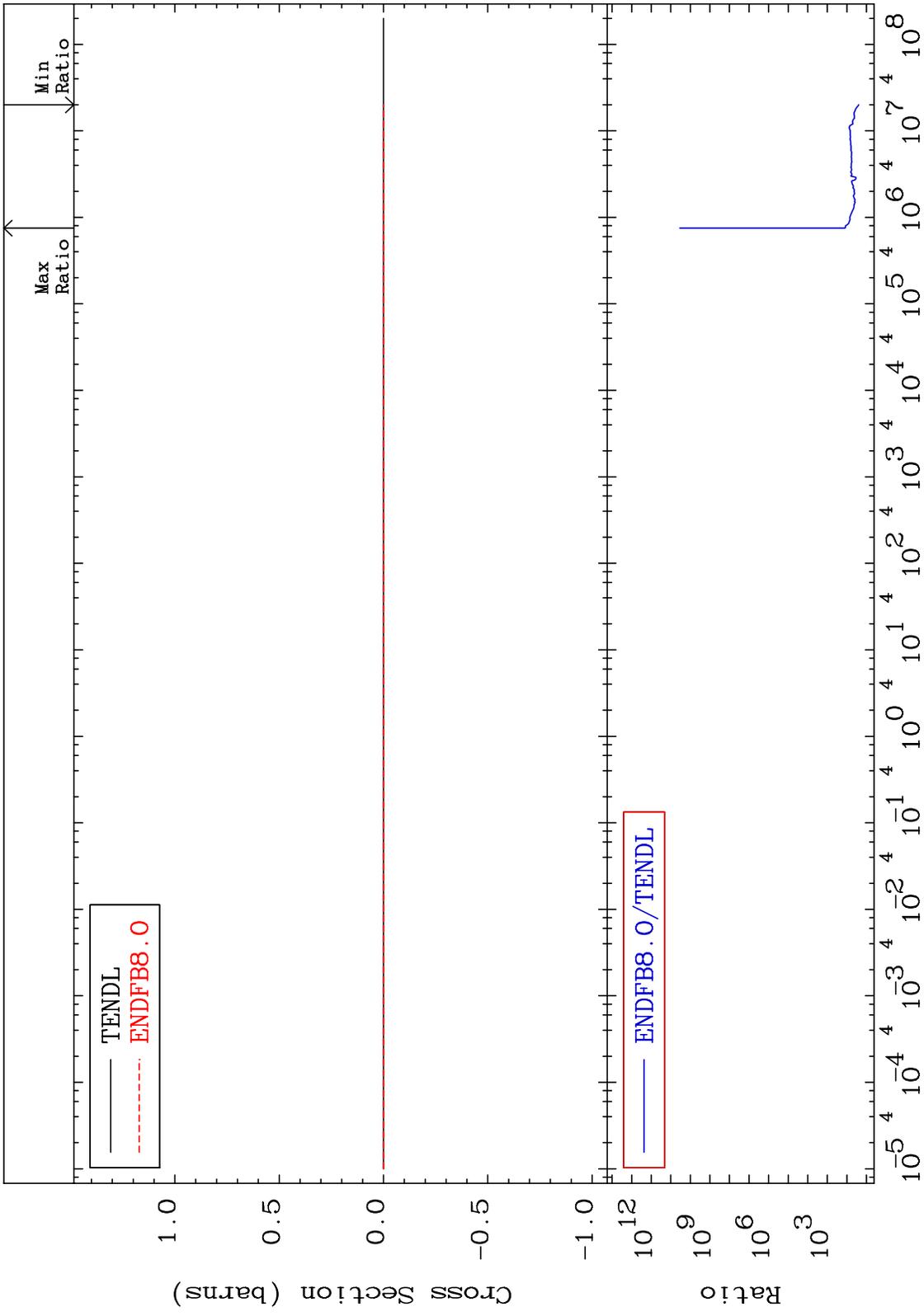
MAT 5249 Kerma non-elastic (all but mt2) 52-Te-128
 Cross Section 420.8 To 9999. %



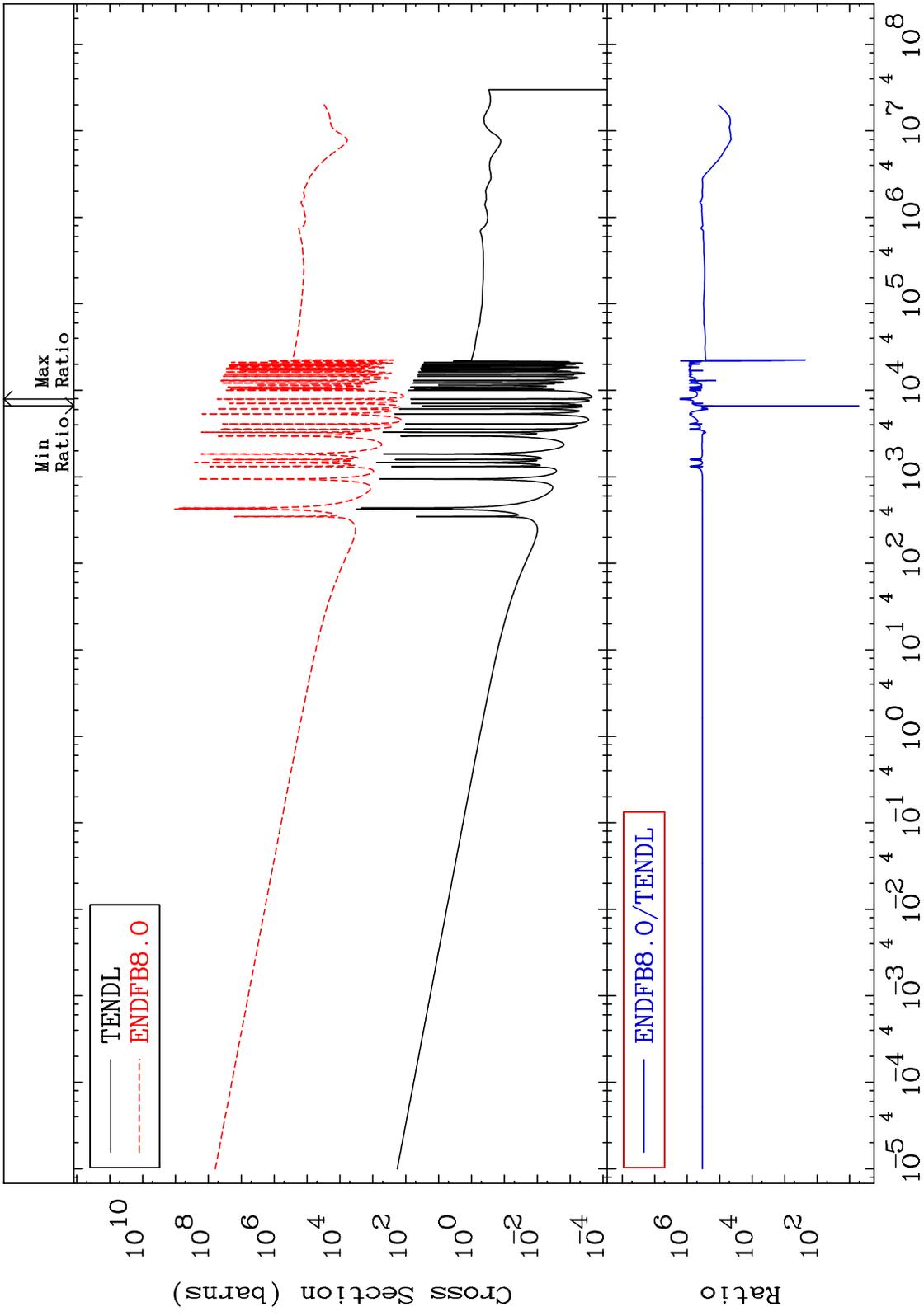
MAT 5249 Kerma inelastic (mt51-91) 52-Te-128
 Cross Section 2350. To 9999. %



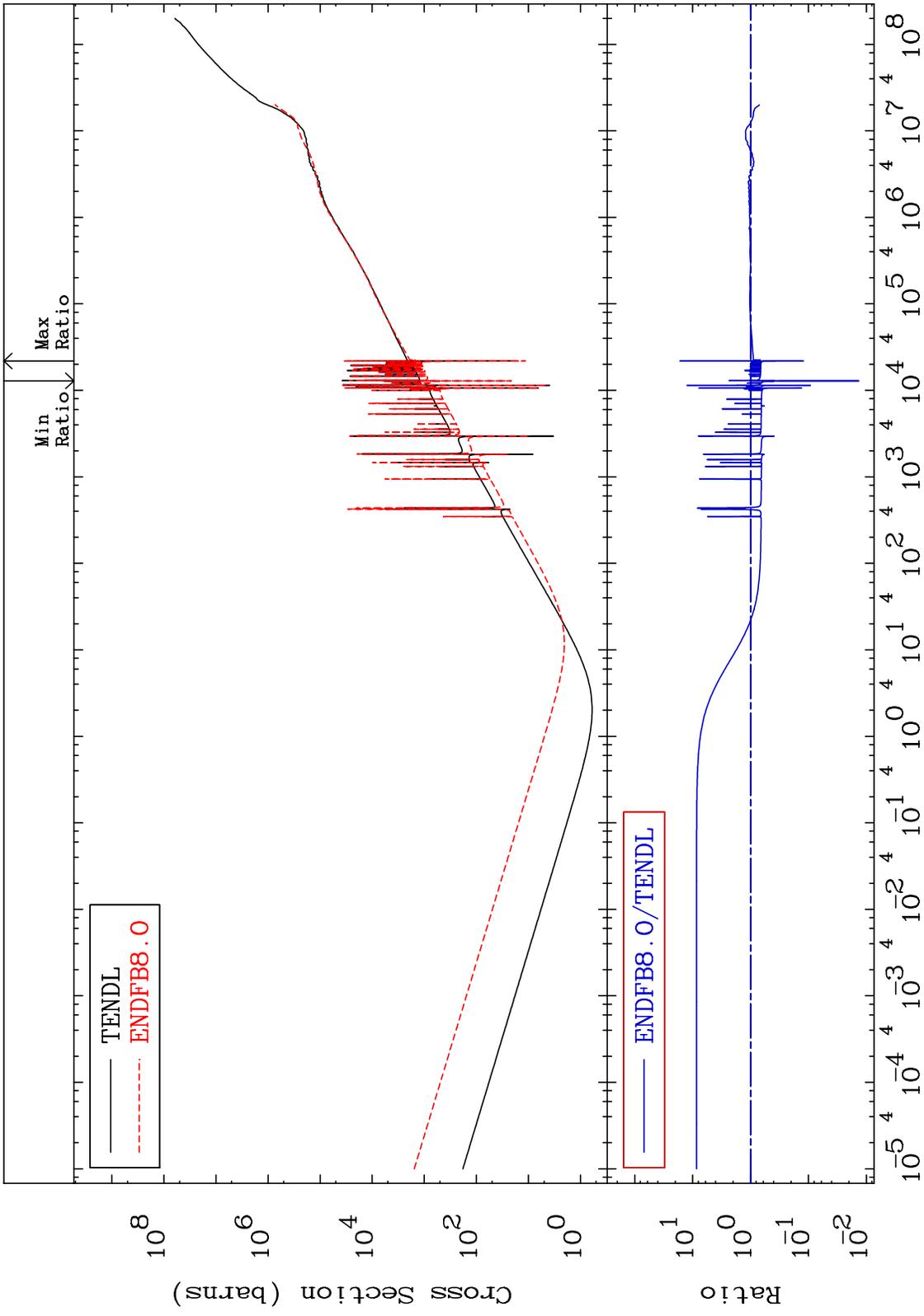
MAT 5249 Kerma fission (mt18 or mt19-20-21-38) 52-Te-128
 Cross Section 2350. To 9999. %



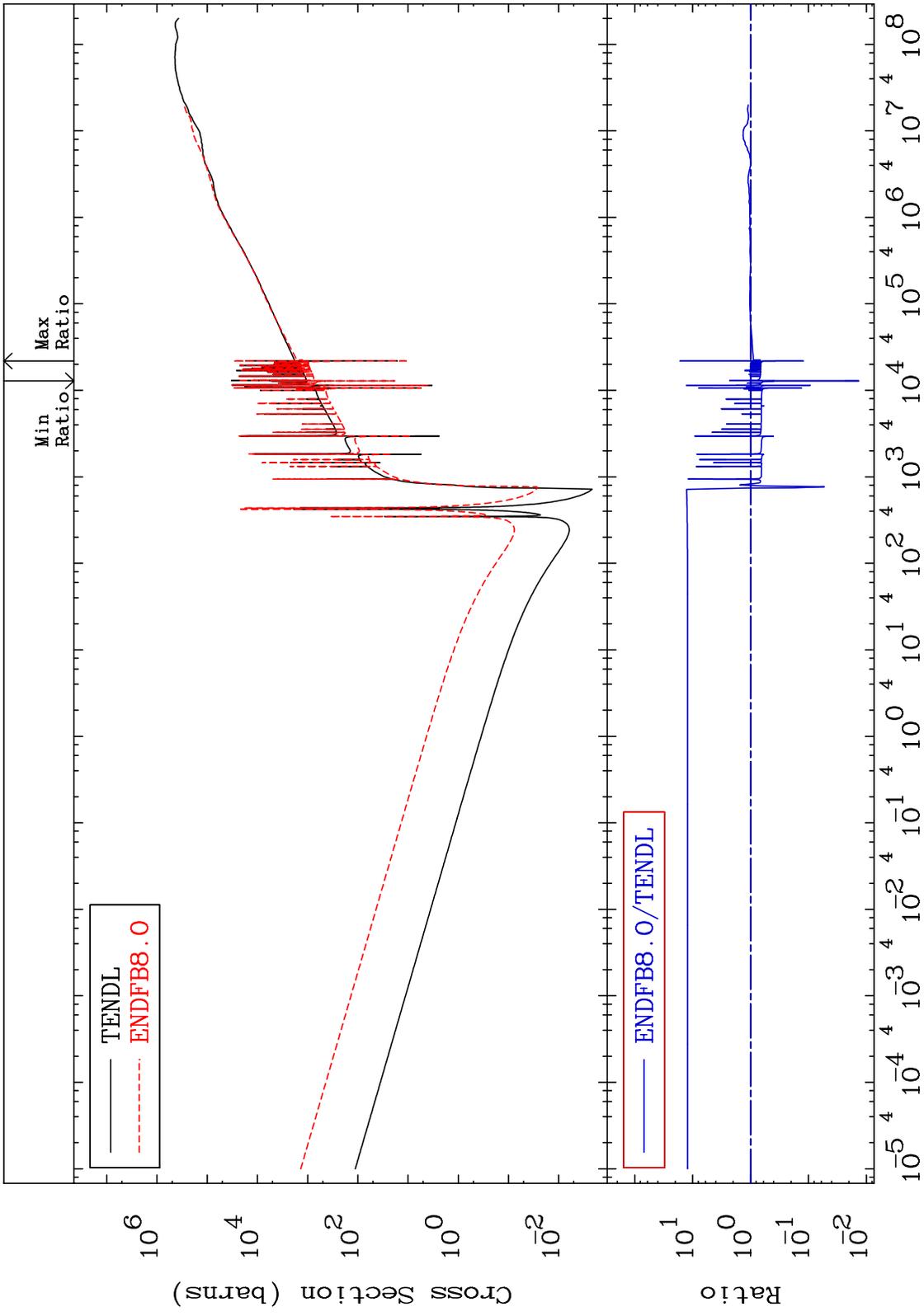
MAT 5249 Kerma capture (mt102) 52-Te-128
 Cross Section 420.8 To 9999. %



MAT 5249 Total kinematic kerma (high limit) 52-Te-128
 Cross Section -98.65 To 1570. %



MAT 5249 Dpa total (eV-barns) 52-Te-128
 Cross Section -98.65 To 1570. %

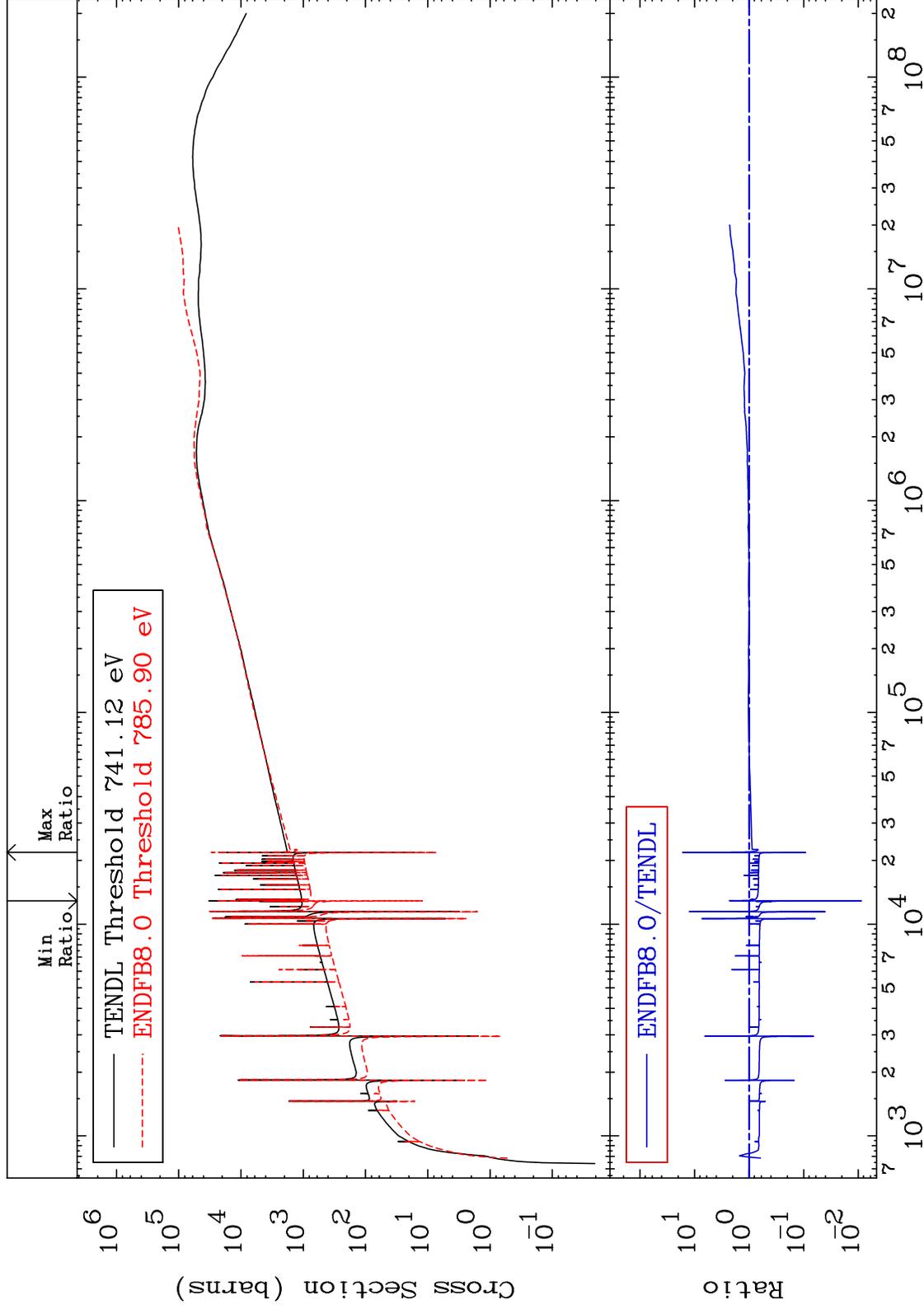


35 Incident Energy (eV) 52-Te-128

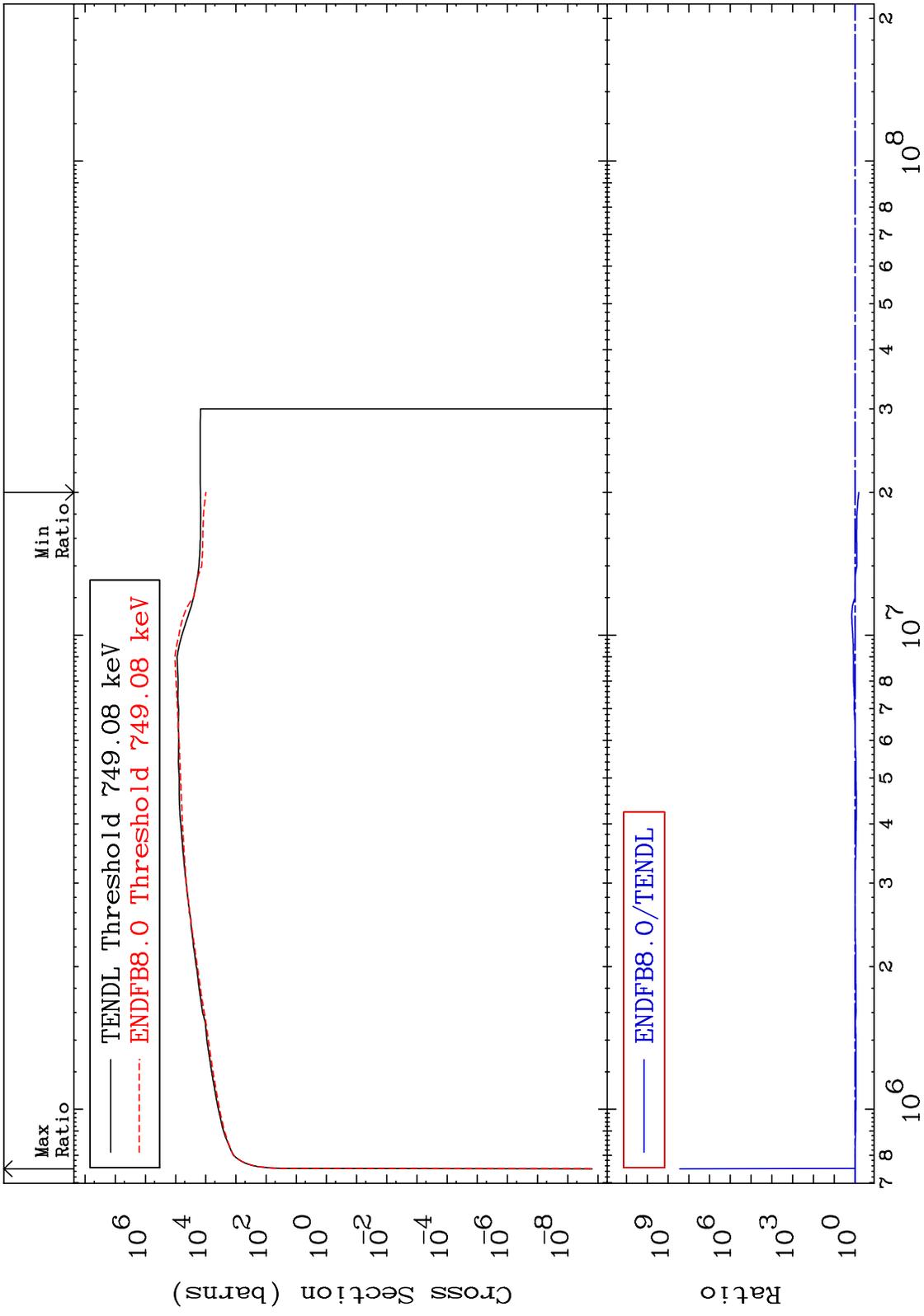
MAT 5249

Dpa elastic (mt2)
Cross Section

52-Te-128
-99.12 To 1567. %



MAT 5249 Dpa inelastic (mt51-91) 52-Te-128
 Cross Section -34.70 To 9999. %



MAT 5249

Dpa disappearance (mt102 -120)
Cross Section

52-Te-128
-99.97 To 9999. %

