

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

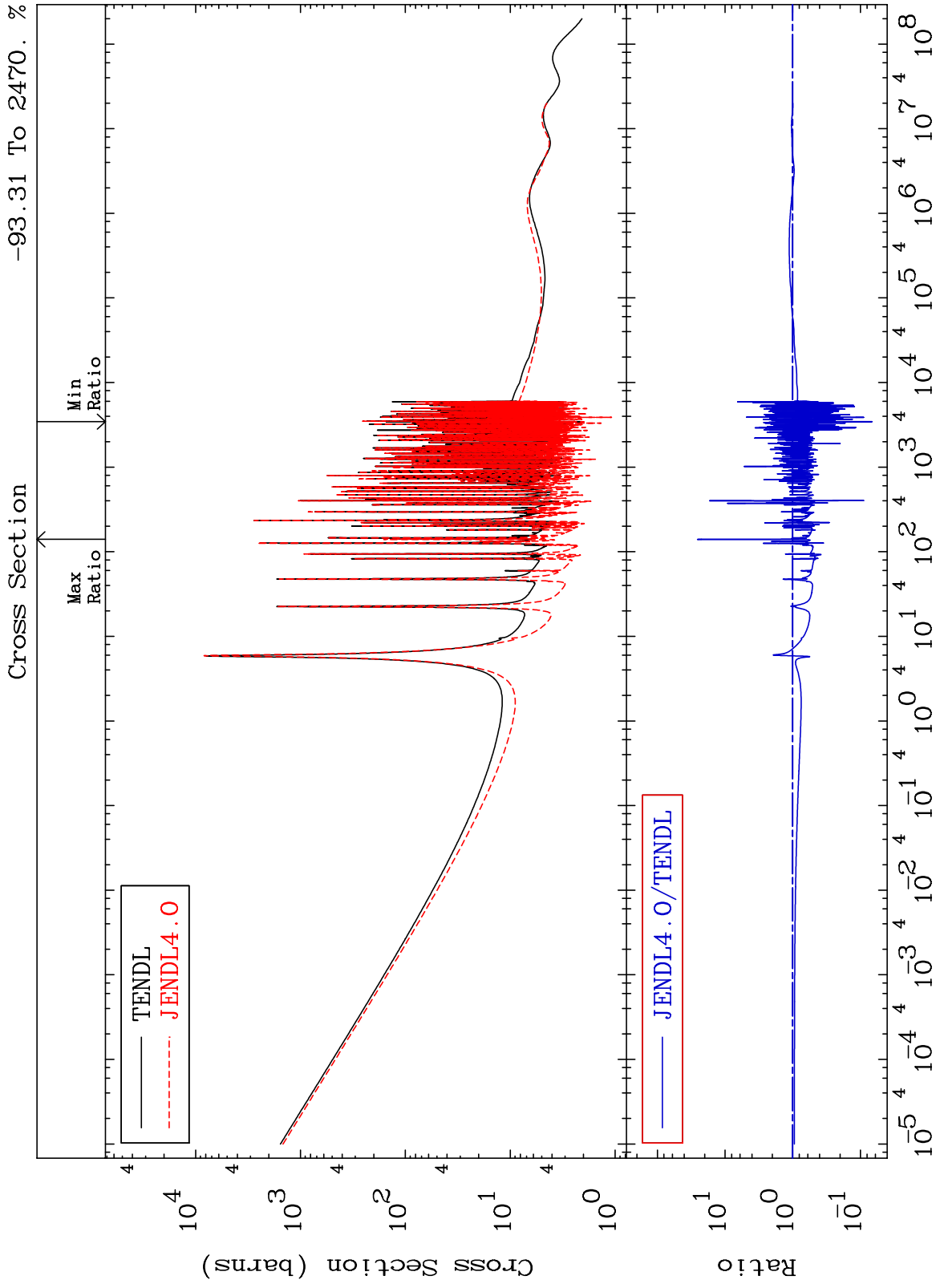
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5525 55-Cs-133 -93.31 To 2470. %

Total Cross Section

55-Cs-133



55-Cs-133

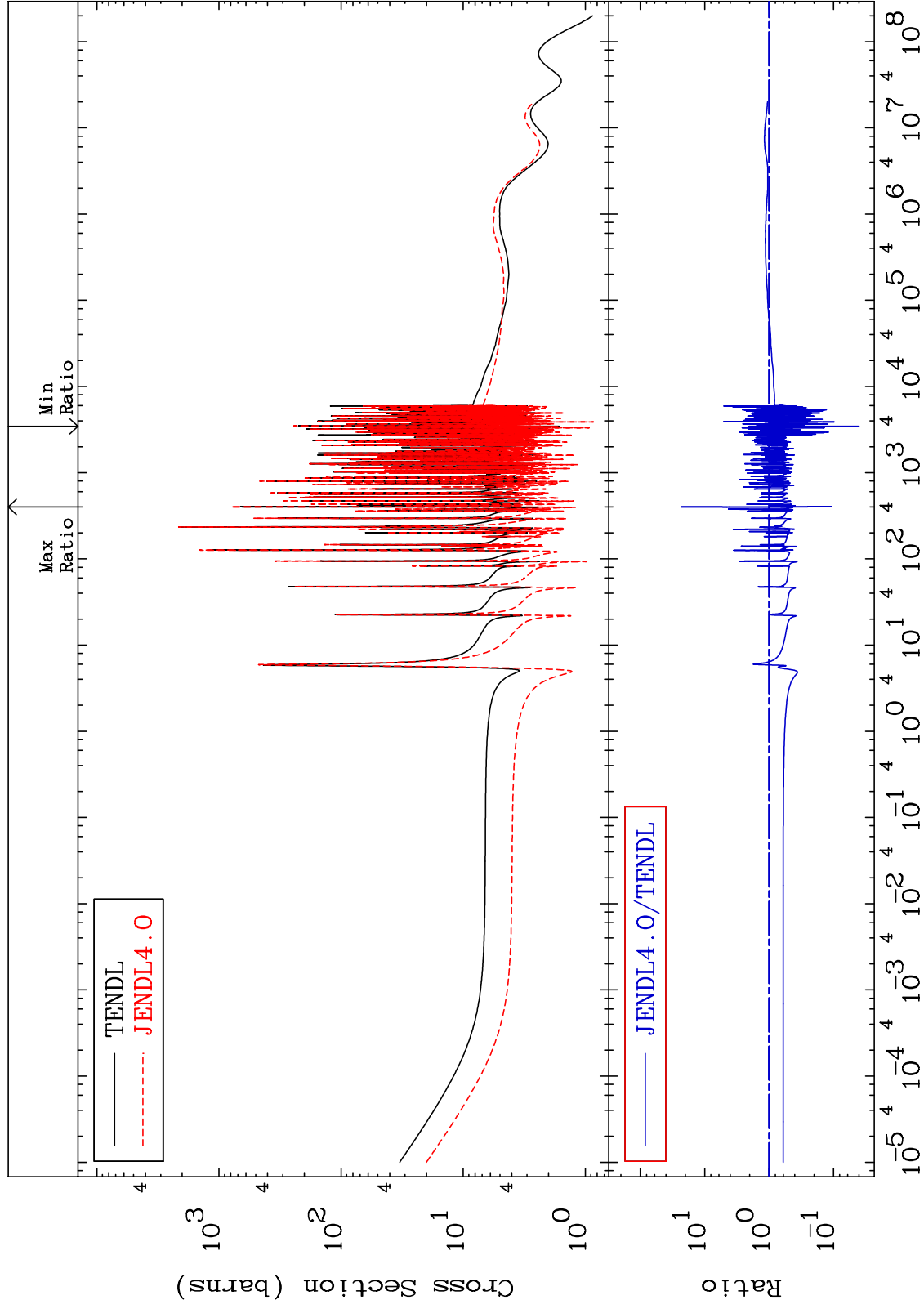
Incident Energy (eV)

1

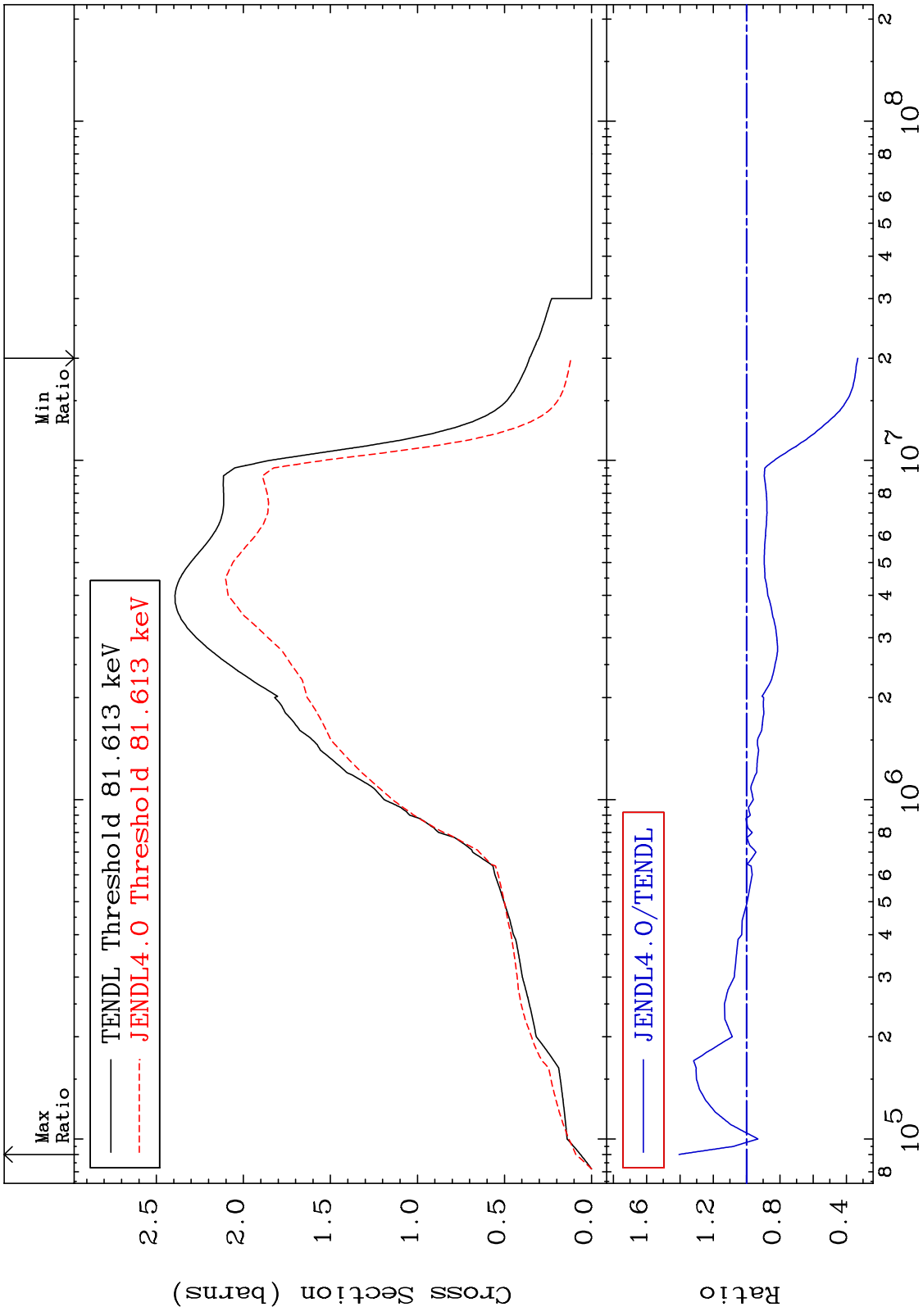
MAT 5525

Elastic
Cross Section

55-Cs-133
-96.00 To 2247. %

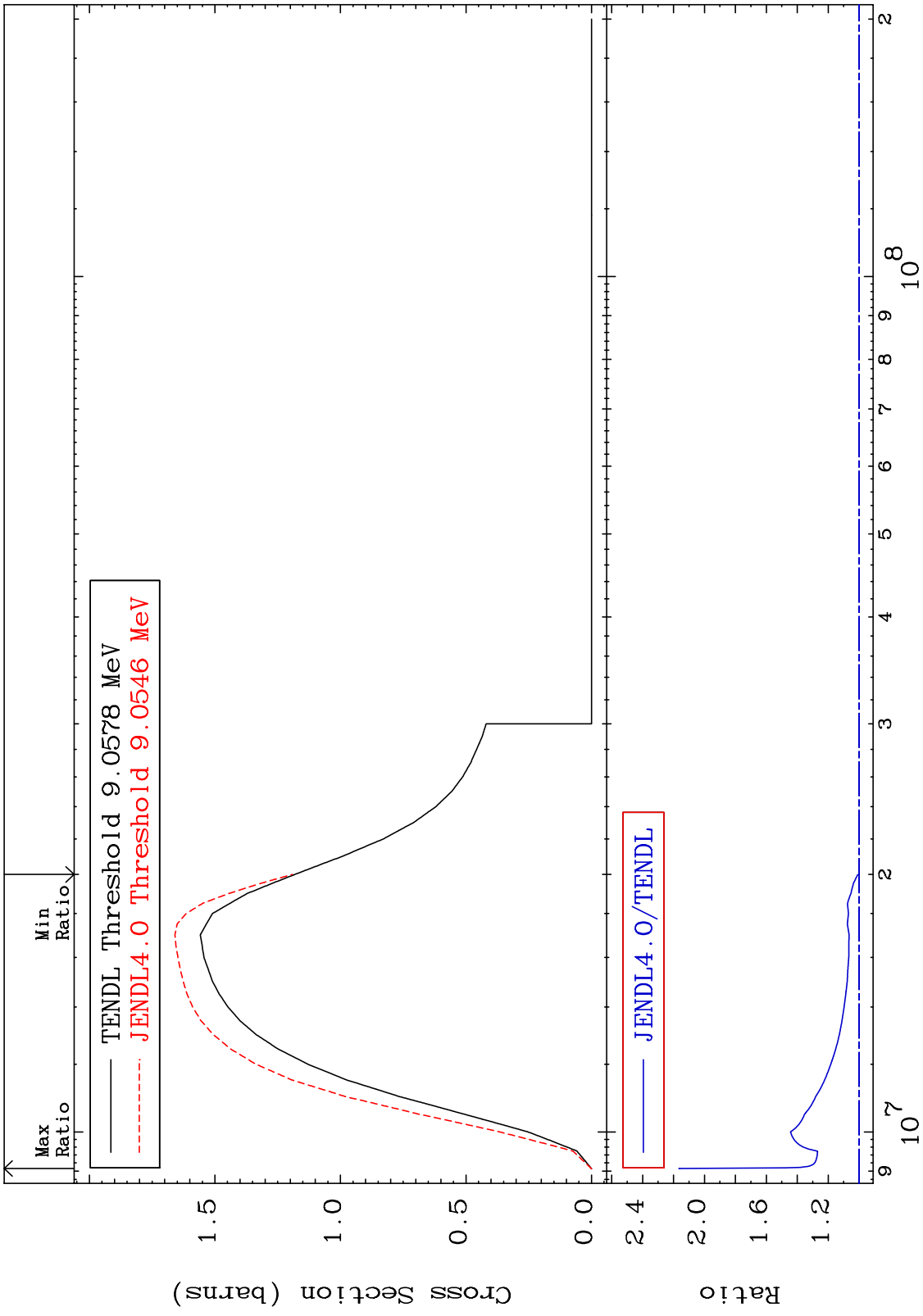


MAT 5525 Inelastic Cross Section 55-Cs-133 -66.82 To 40.57 %



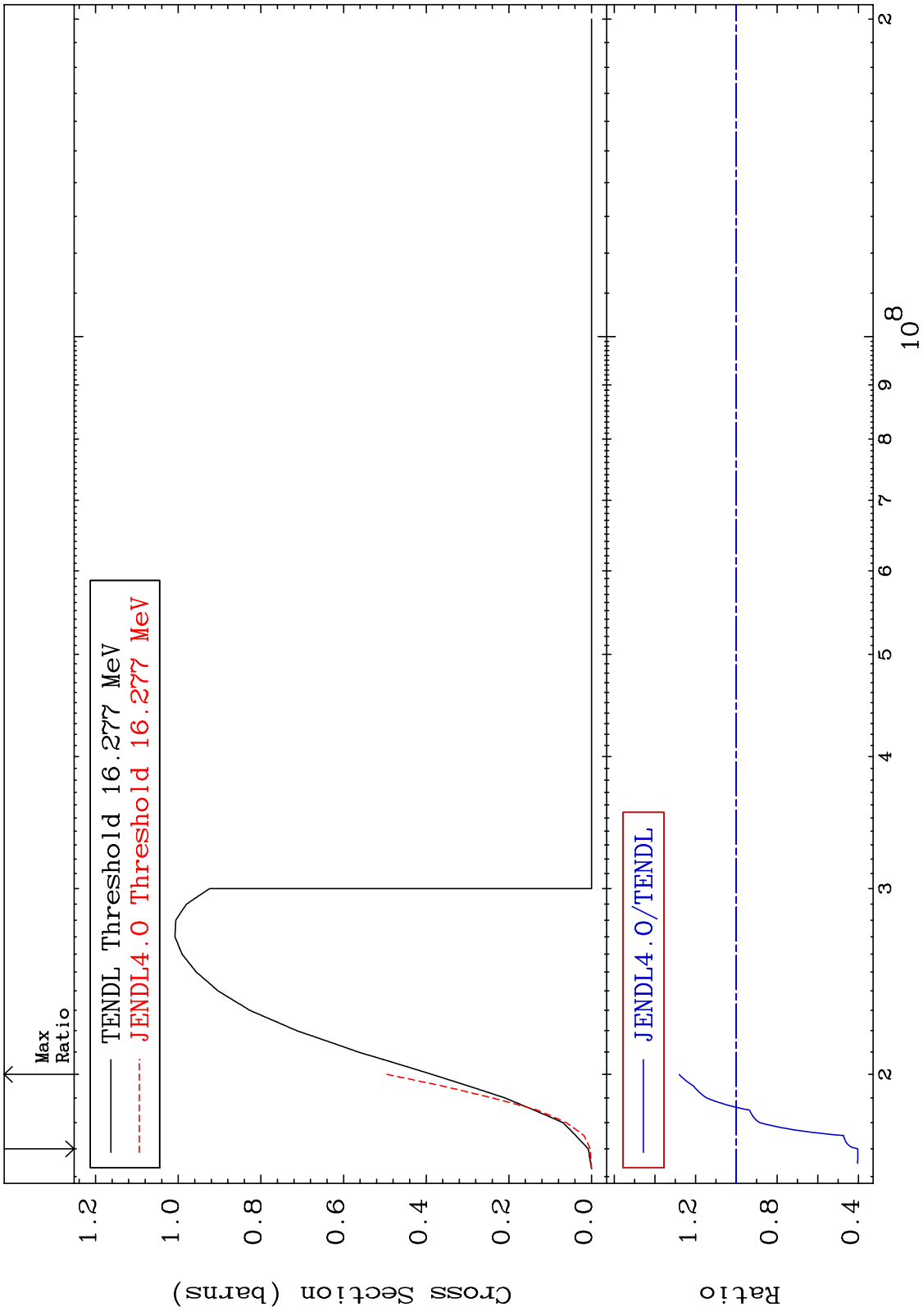
3 55-Cs-133

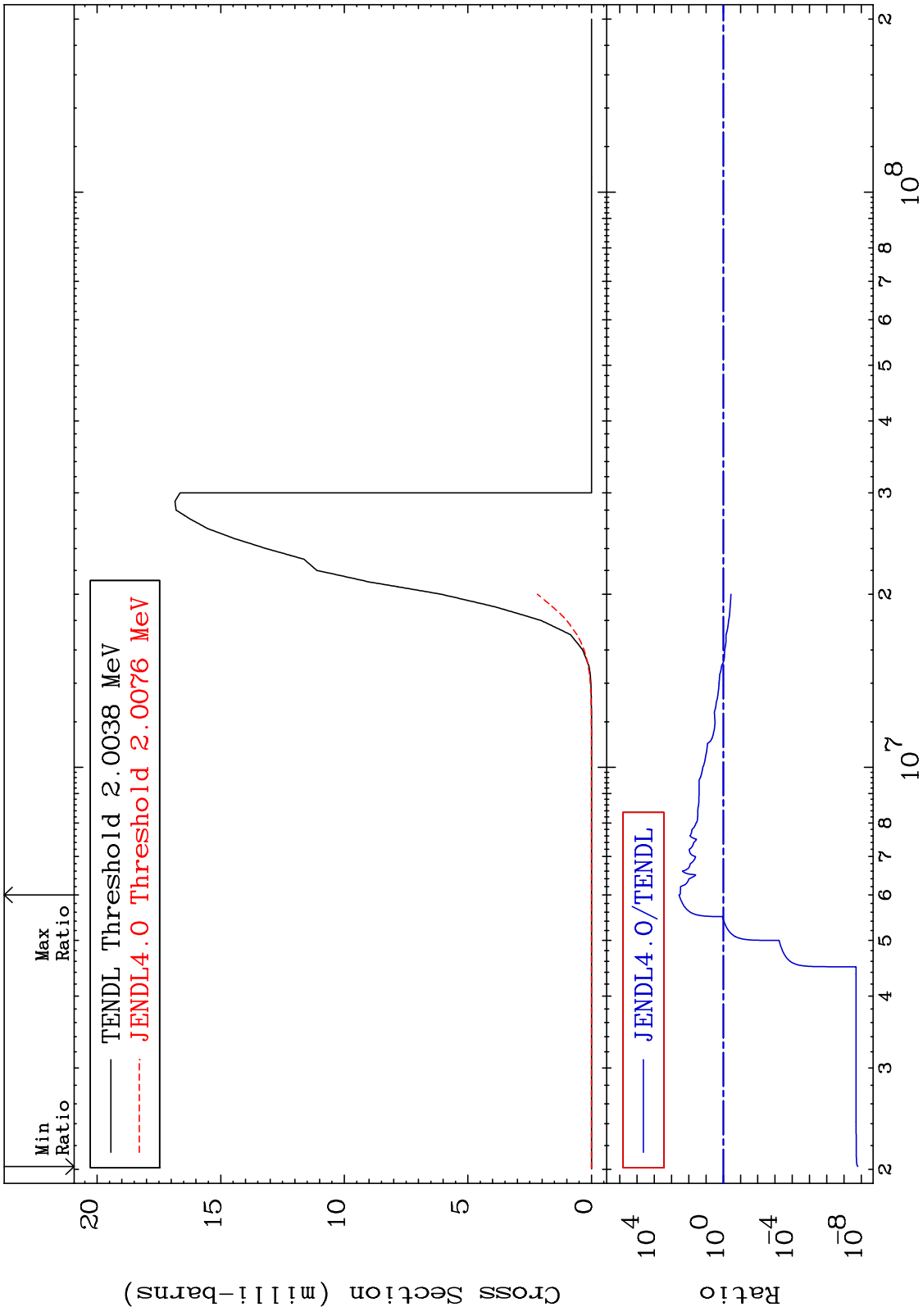
MAT 5525 (n,2n) Cross Section 55-Cs-133 To 116.5 %



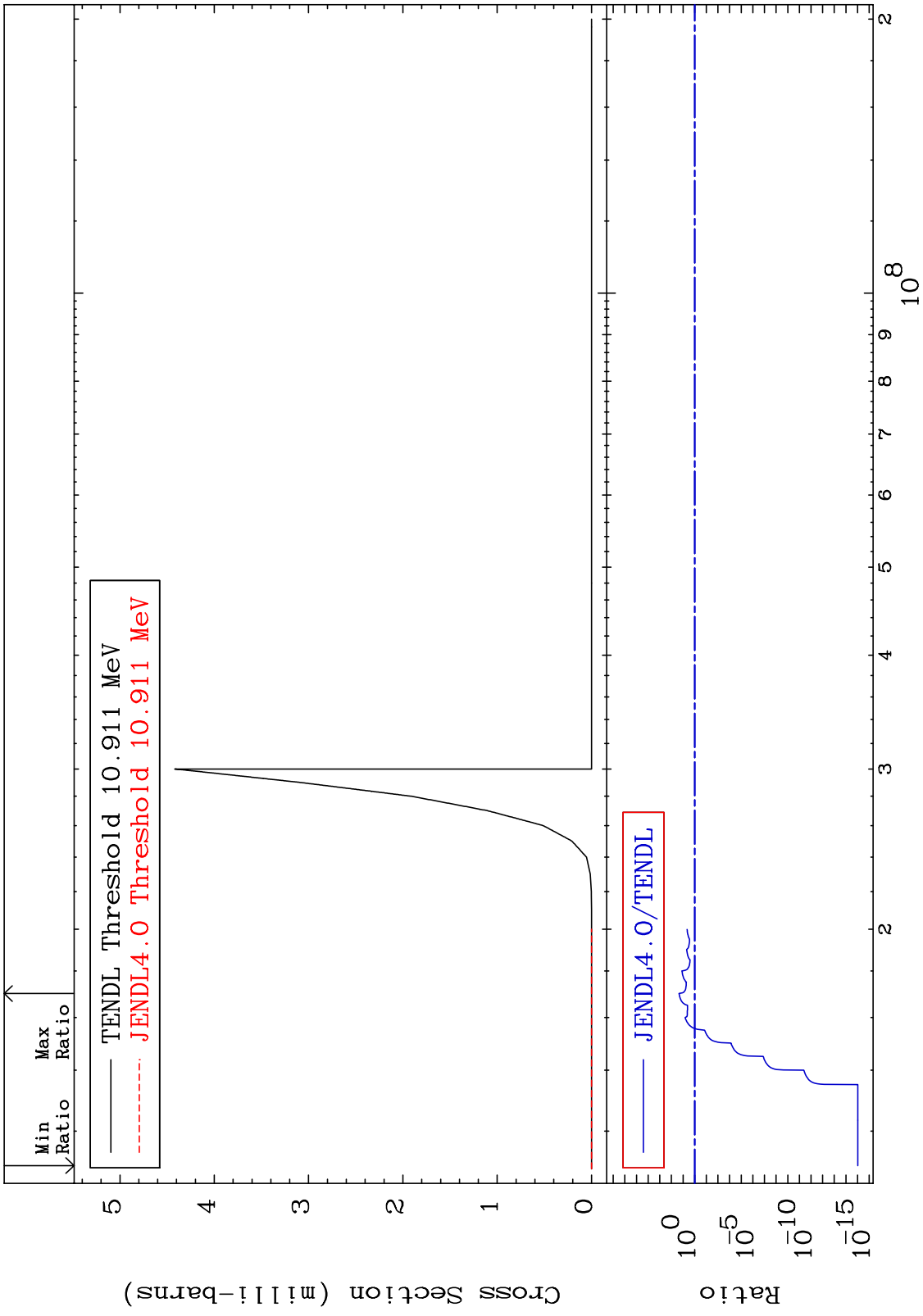
55-Cs-133 Incident Energy (eV) 4

MAT 5525 (n,3n) Cross Section 55-Cs-133 -59.72 To 28.15 %

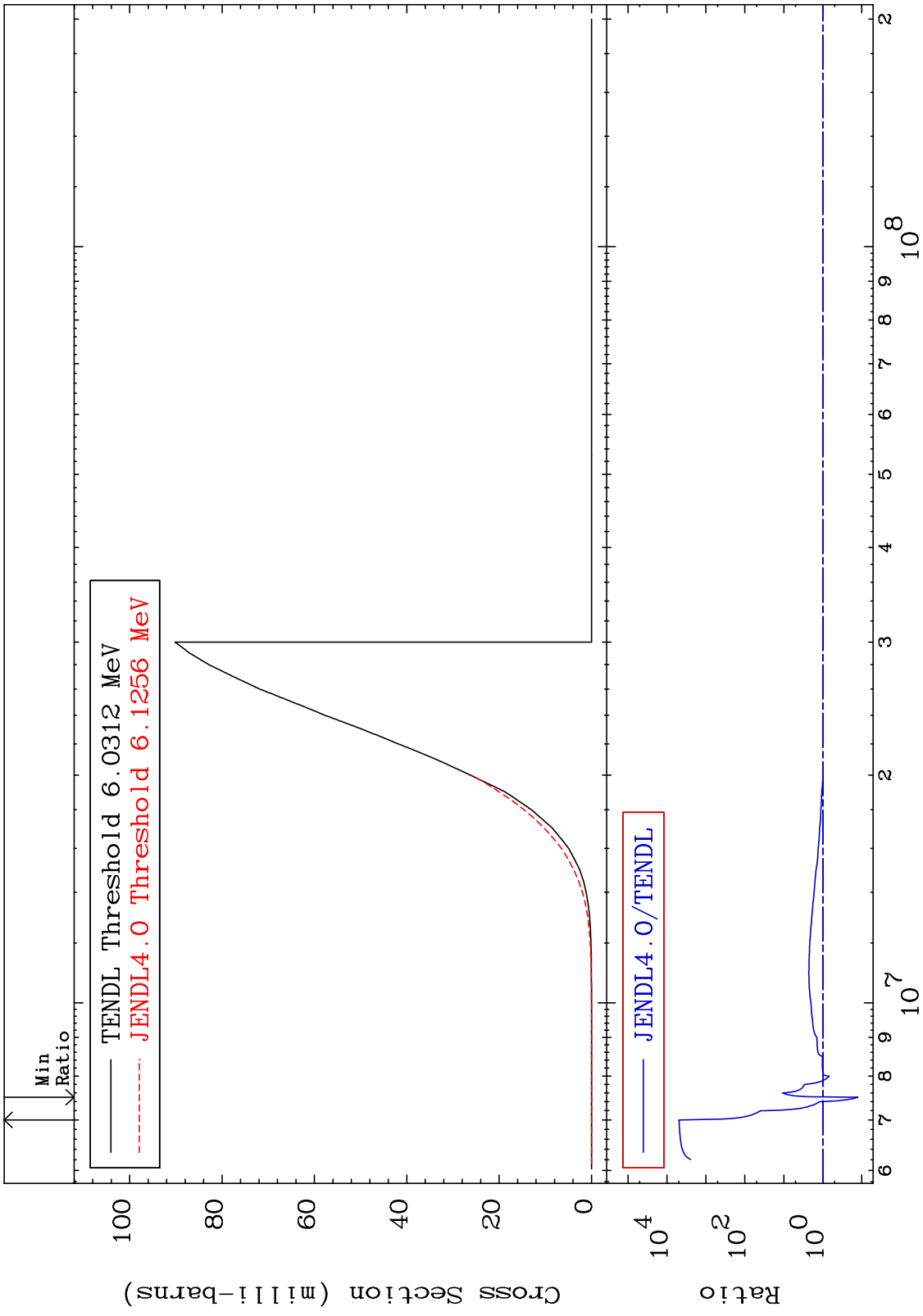


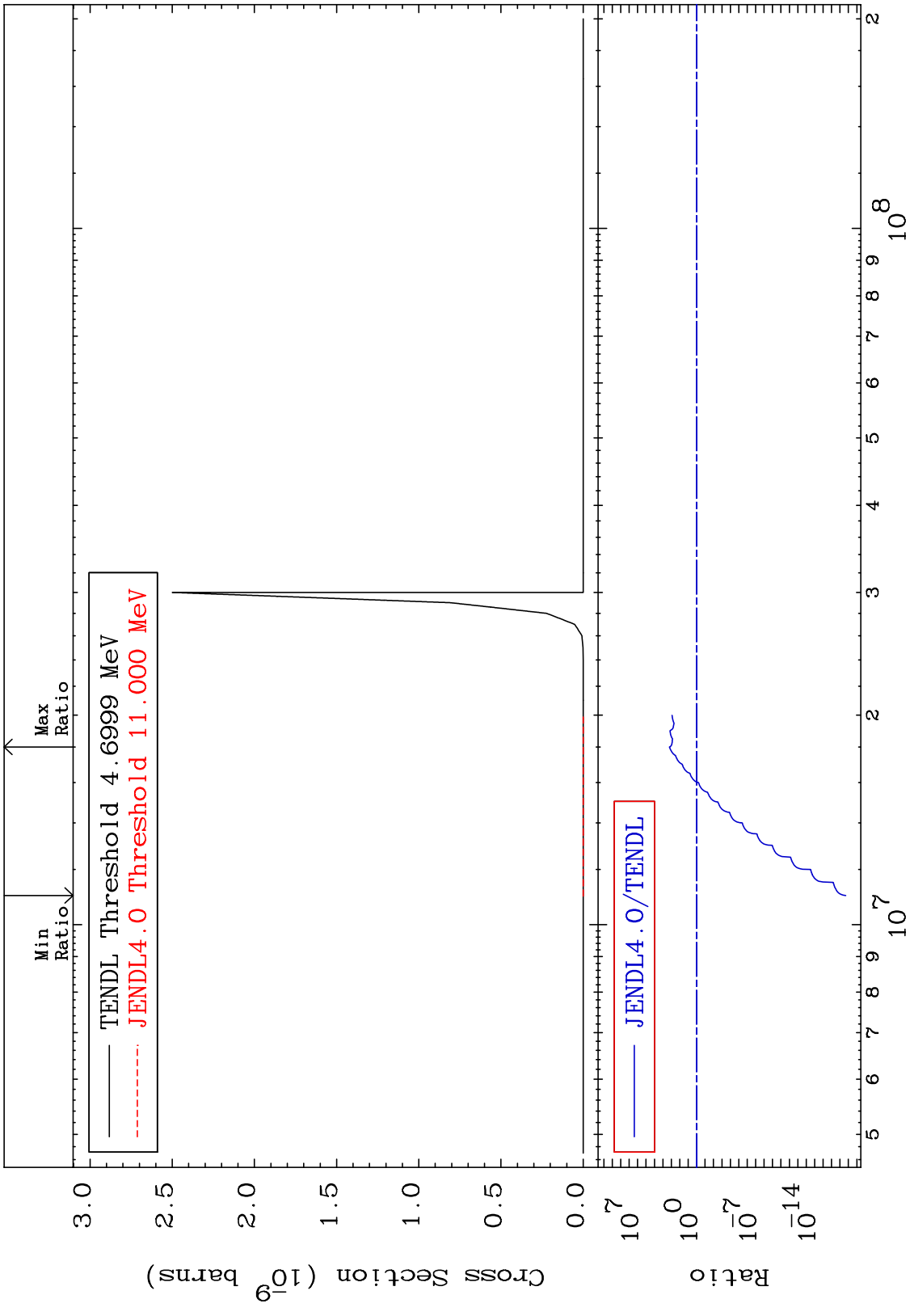


MAT 5525 $(n, 2n) \alpha$ 55-Cs-133
 Cross Section -100.0 To 2098. %



MAT 5525 (n,n') p 55-Cs-133
Cross Section -87.38 To 9999. %





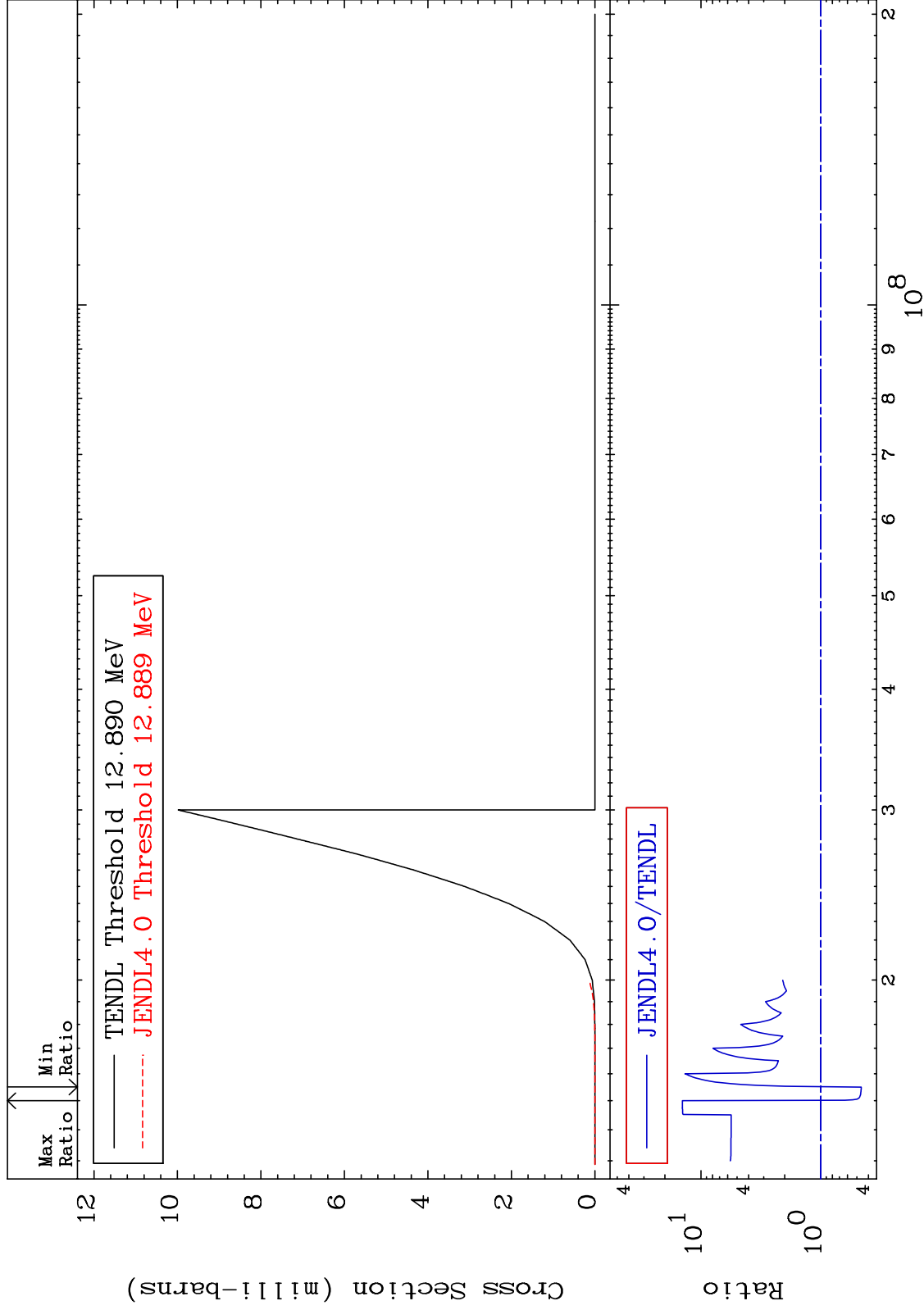
MAT 5525

(n,n') d

55-Cs-133

Cross Section

-54.03 To 1328. %

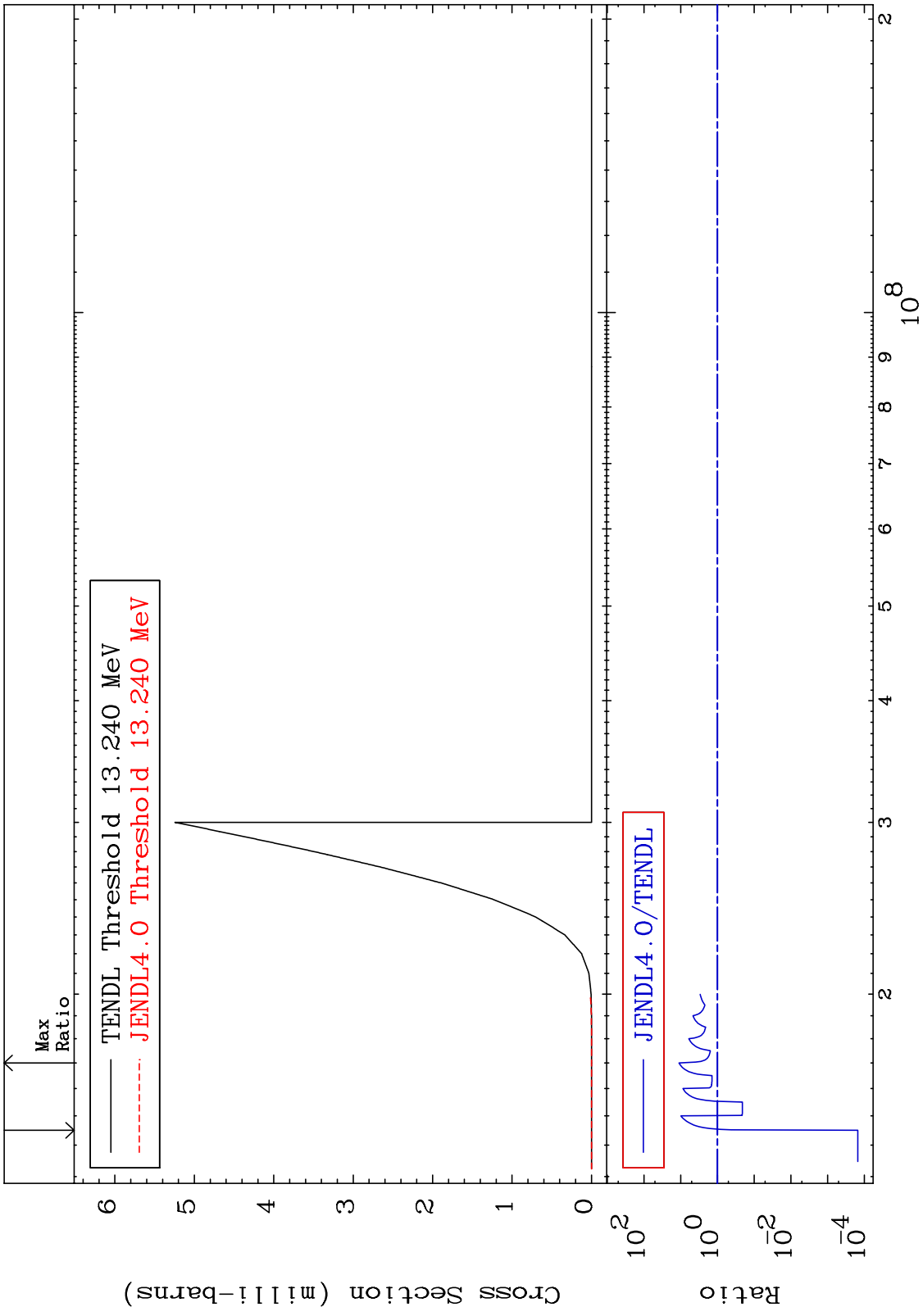


10

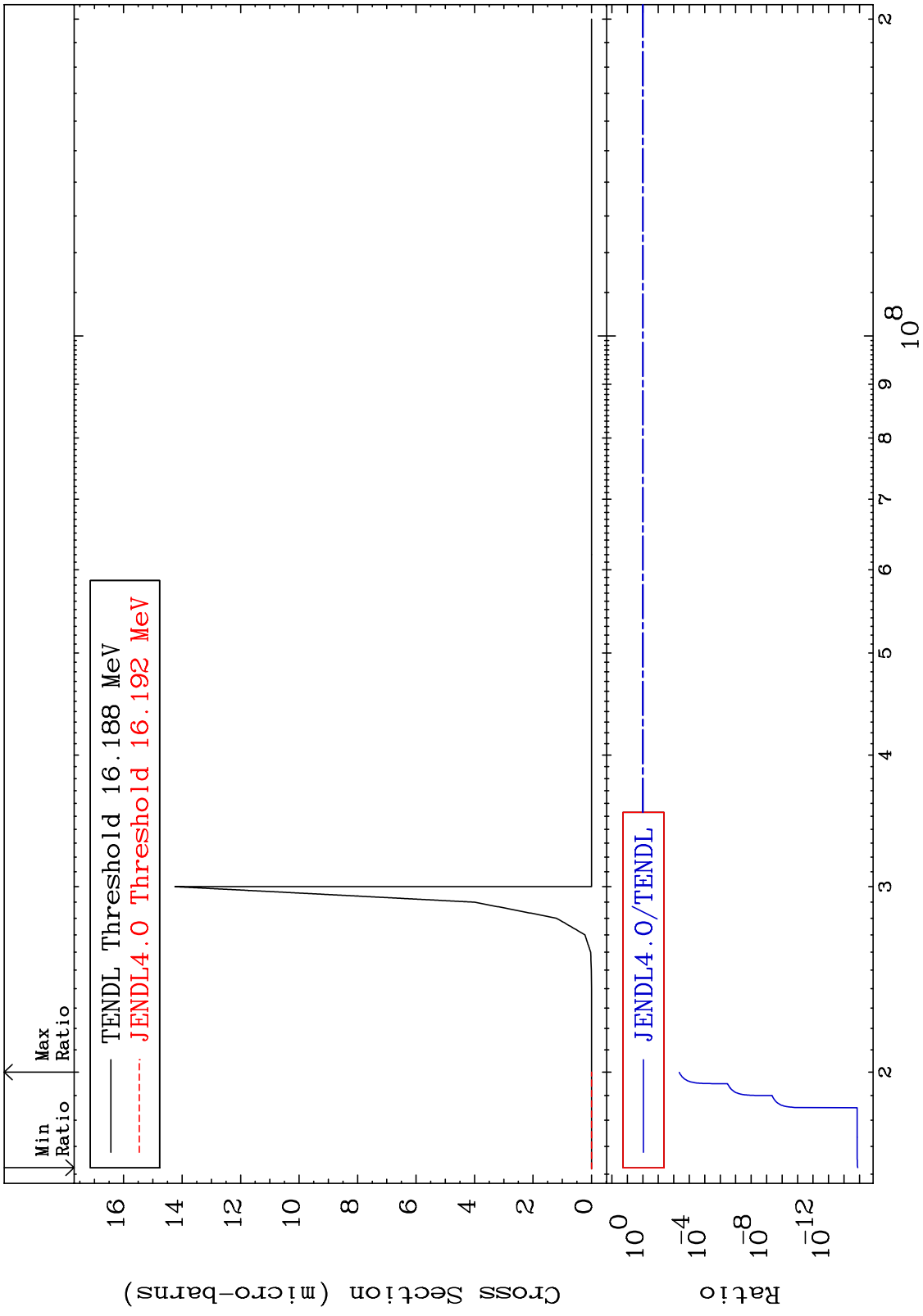
Incident Energy (eV)

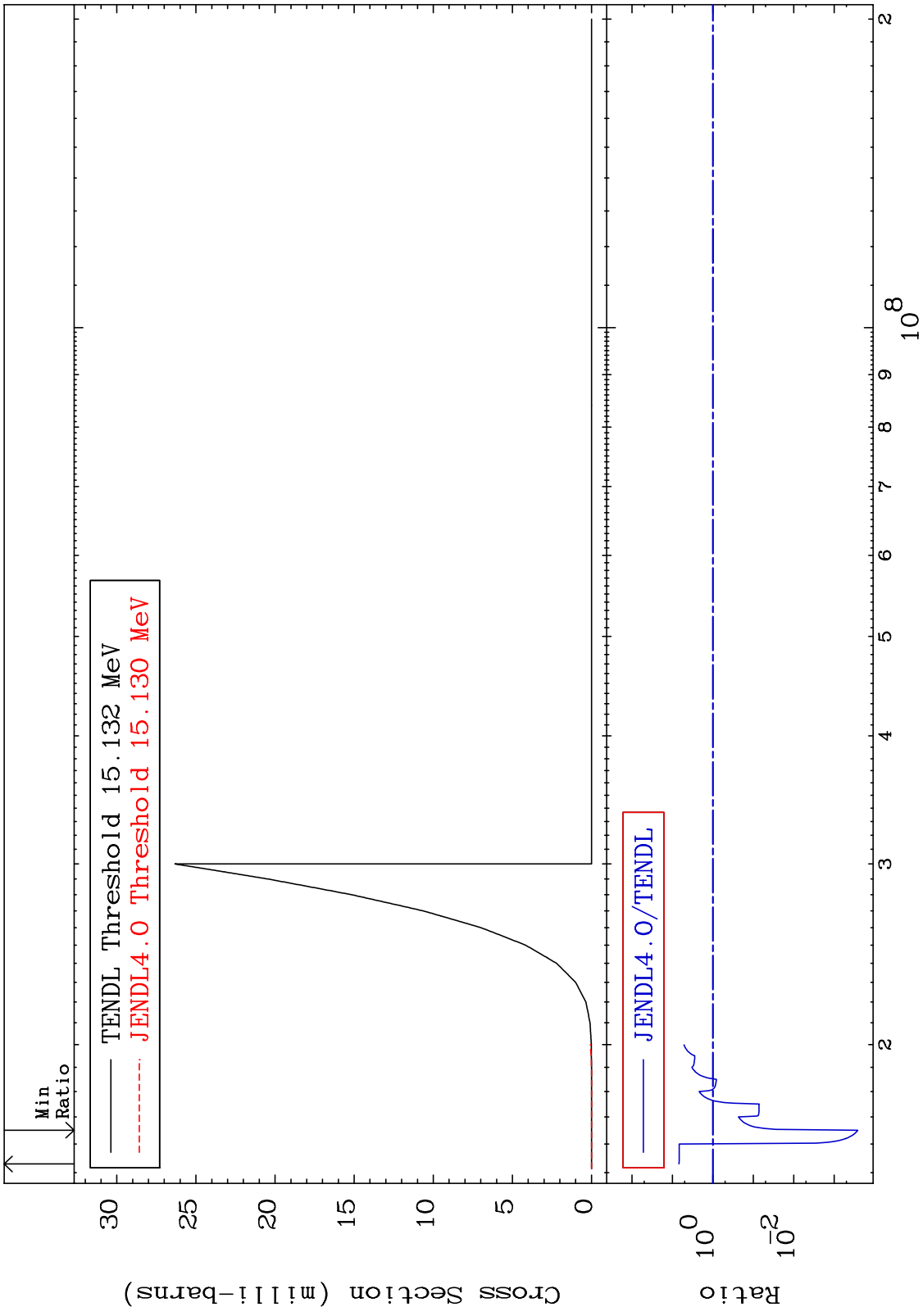
55-Cs-133

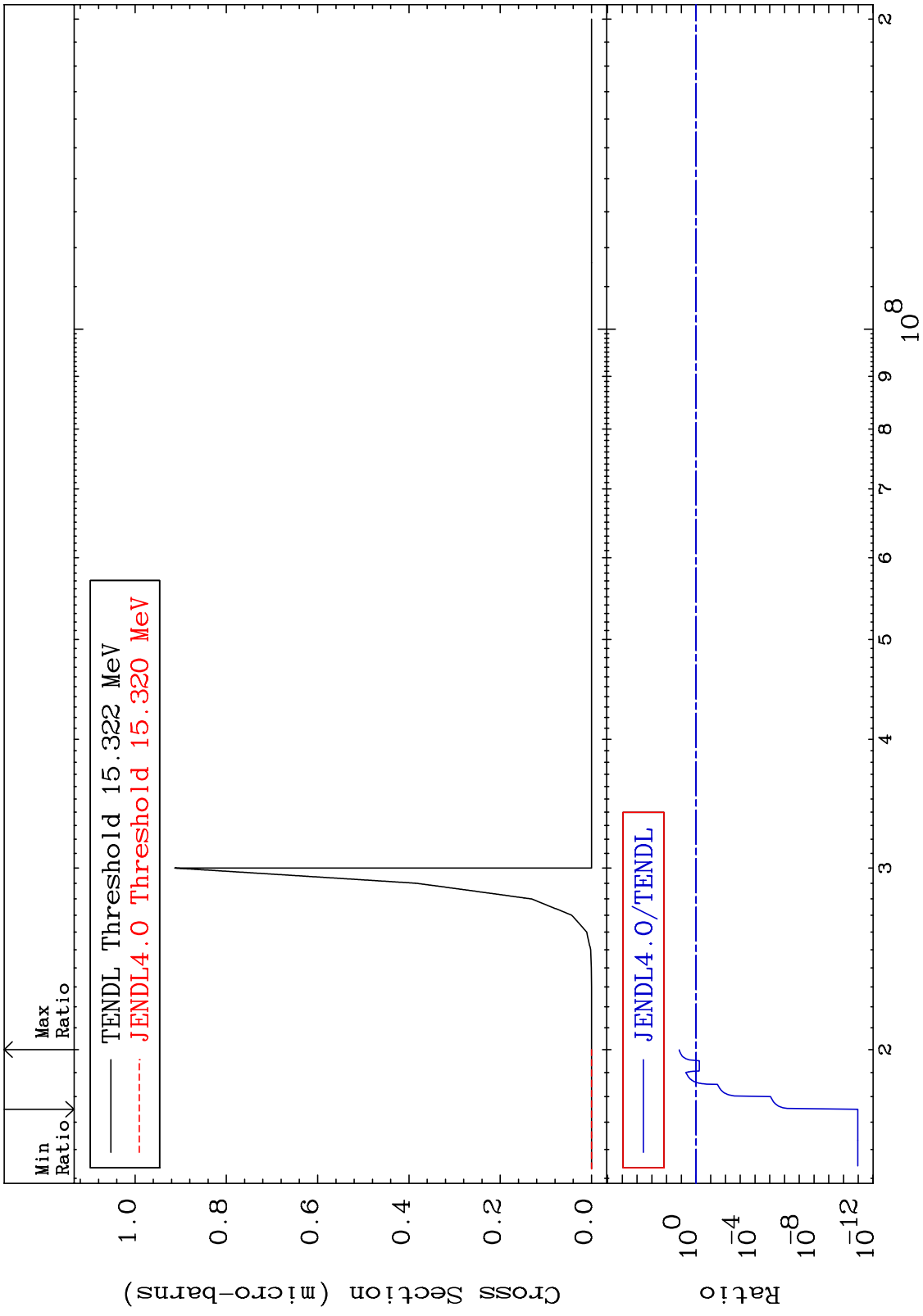
MAT 5525 (n,n') t 55-Cs-133
 Cross Section -99.98 To 1006. %

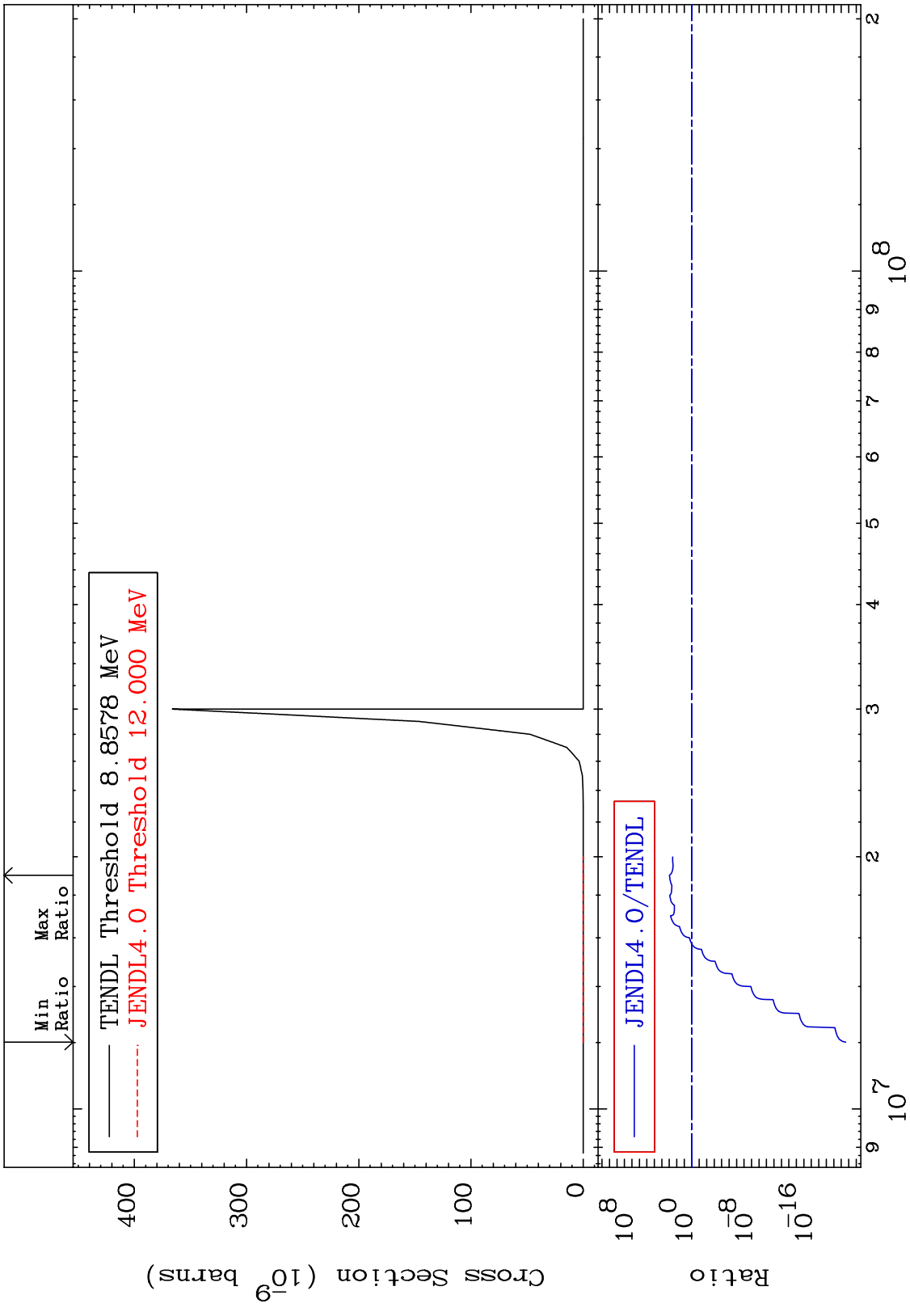


MAT 5525 (n, n') He-3 55-Cs-133
 Cross Section -100.0 To -99.54%

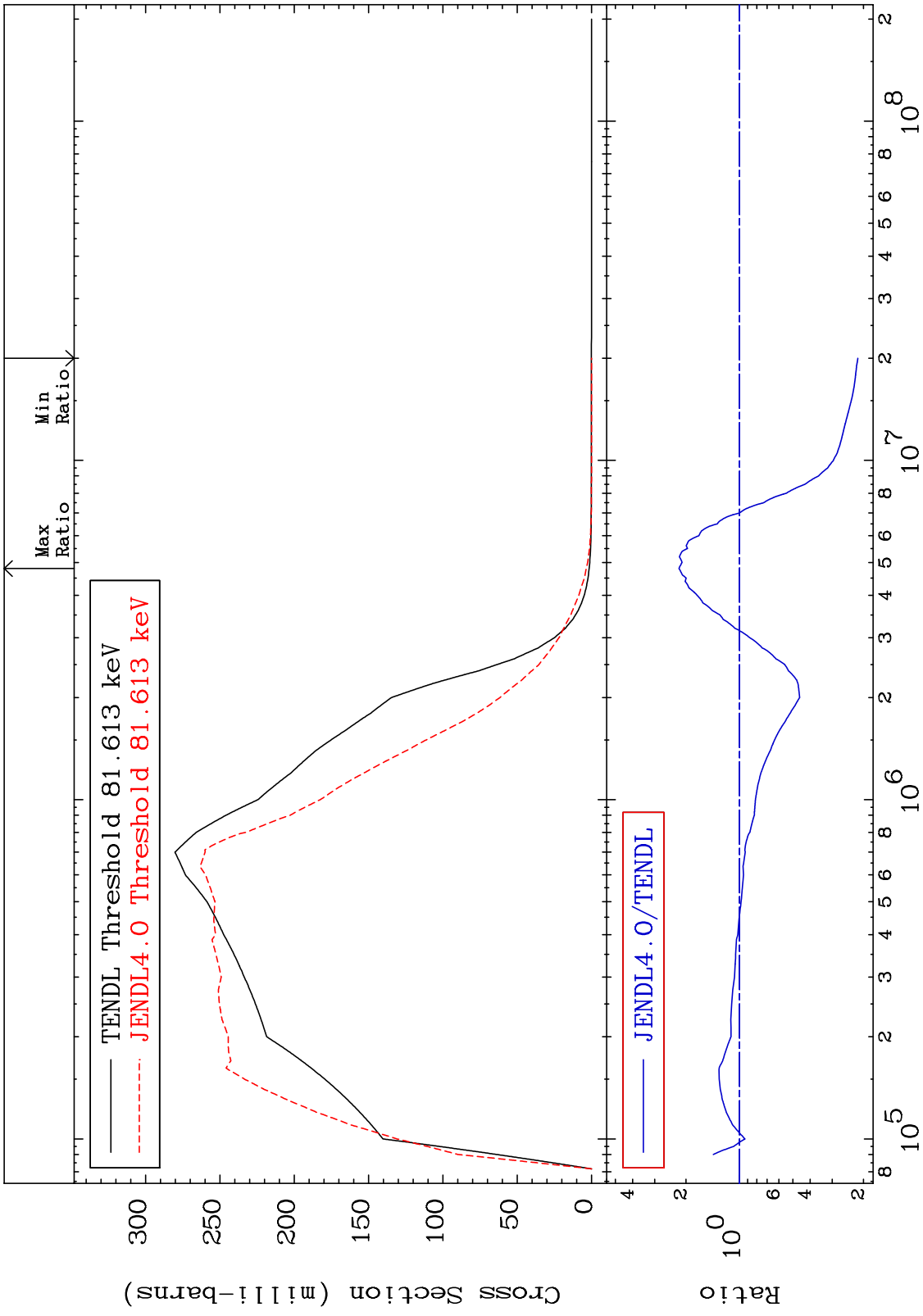




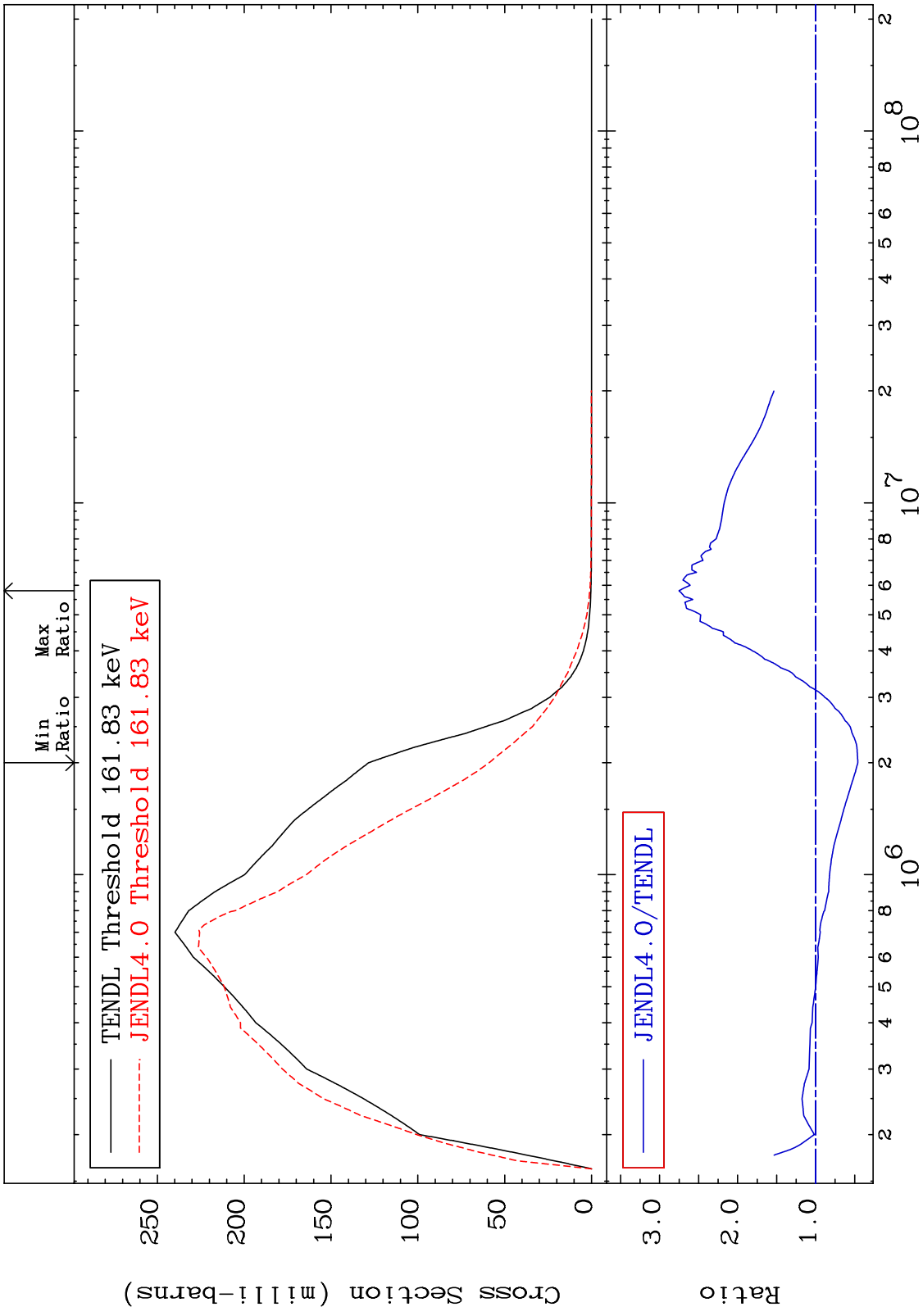




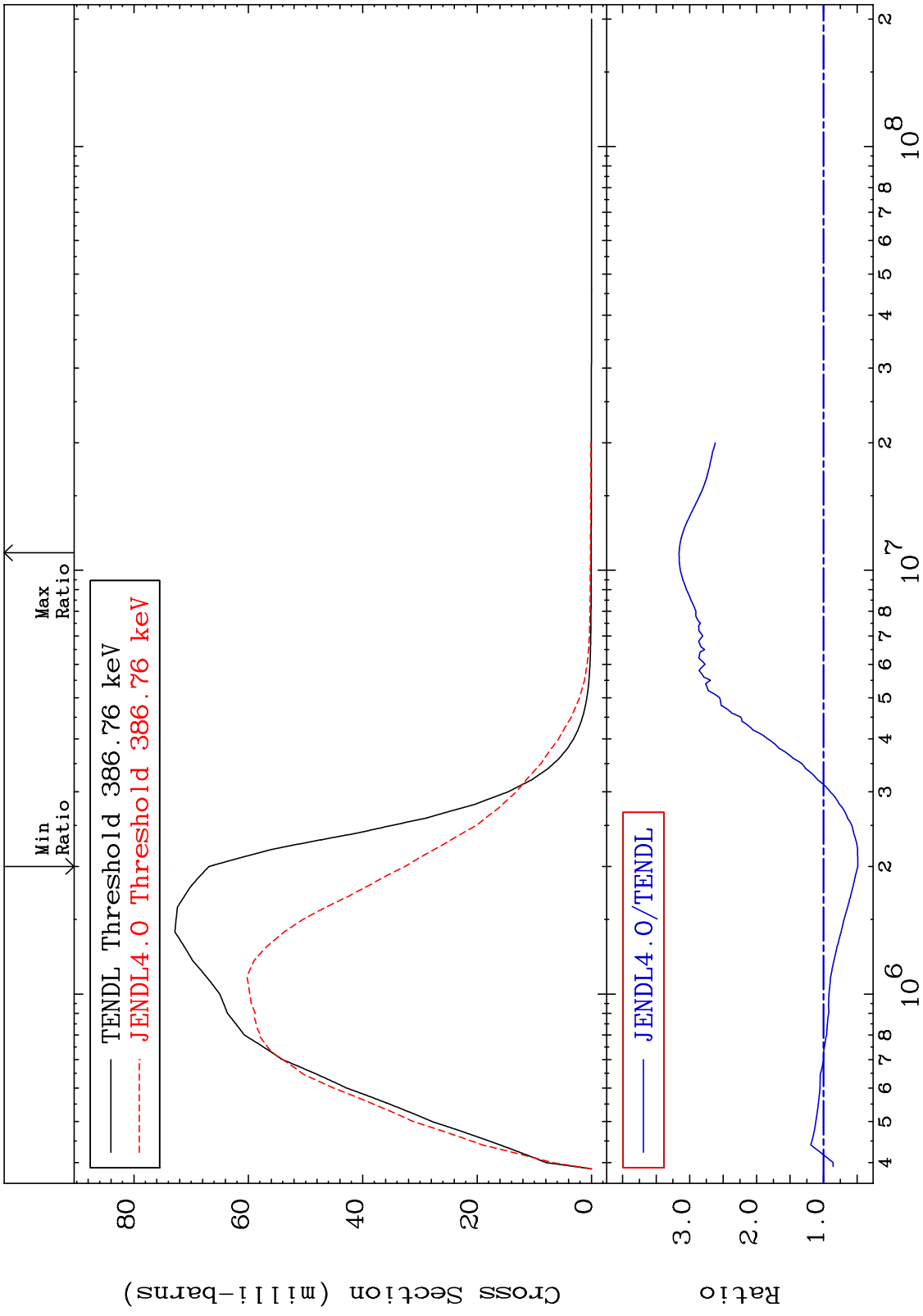
MAT 5525 MT= 51 (n,n') Level Cross Section 55-Cs-133 -78.46 To 119.1 %



MAT 5525 MT= 52 (n,n') Level Cross Section 55-Cs-133
 -54.06 To 175.1 %



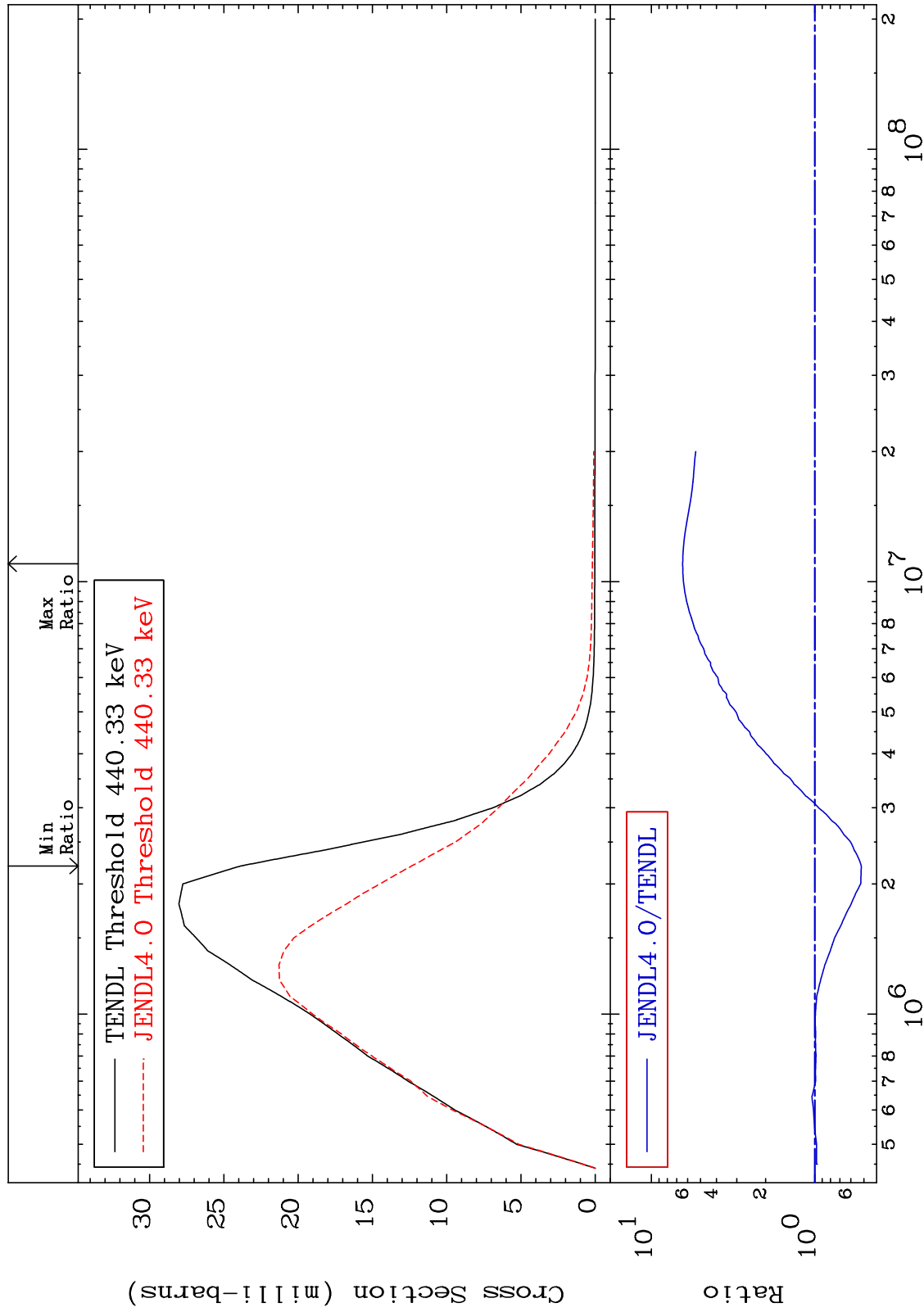
MAT 5525 MT= 53 (n,n') Level Cross Section 55-Cs-133 -51.20 To 215.8 %



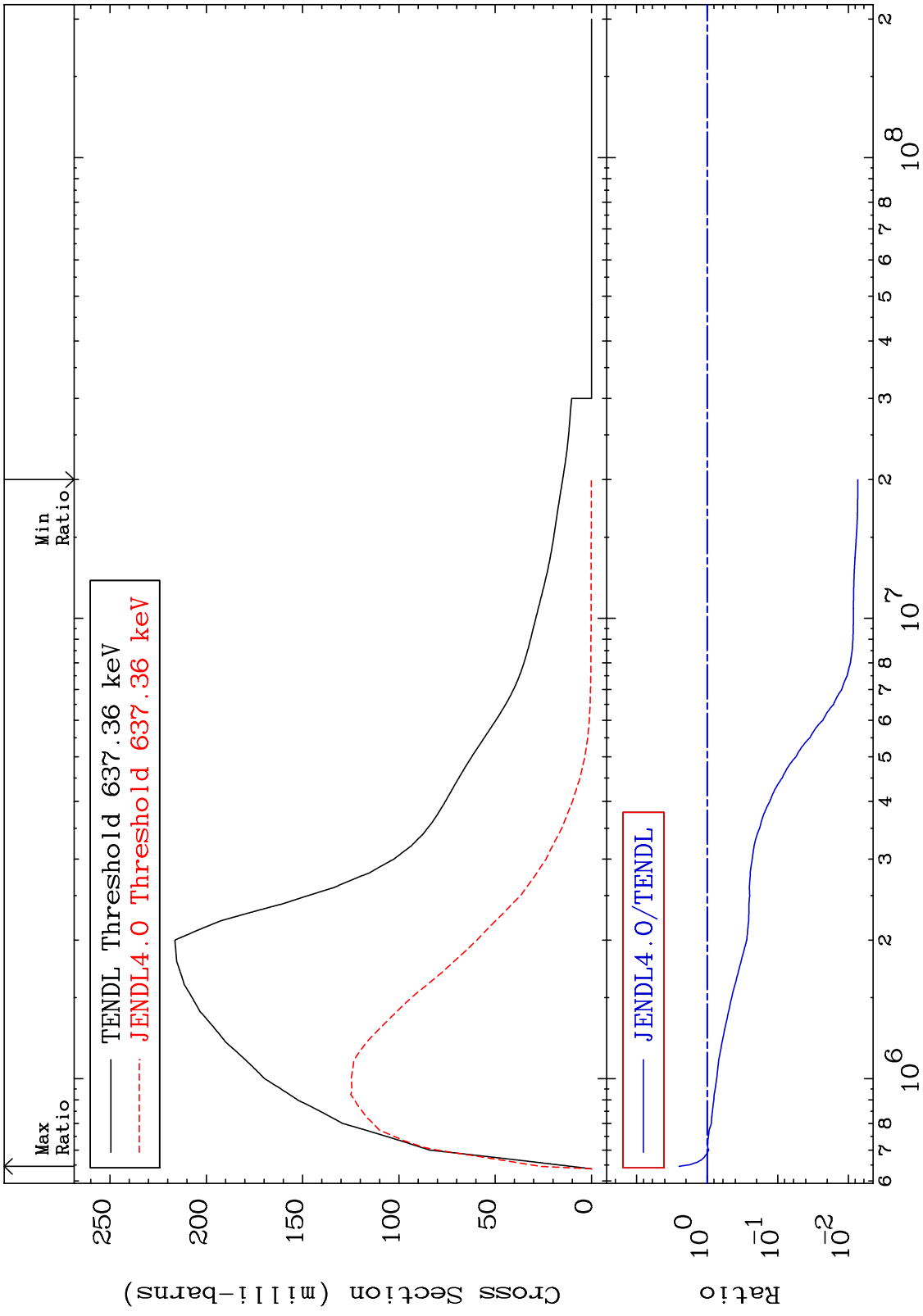
MAT 5525

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

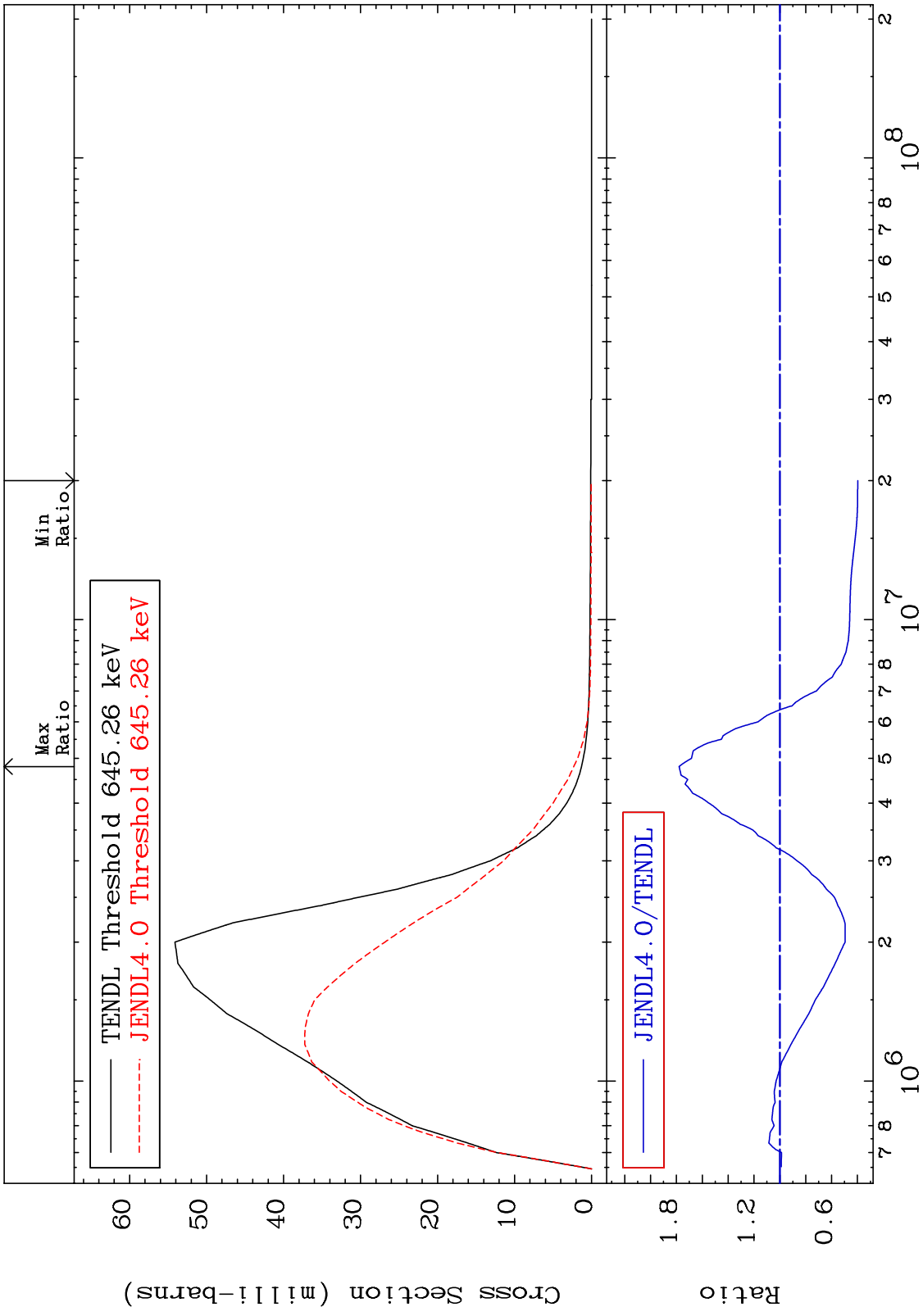
55-Cs-133
-48.22 To 543.9 %



MAT 5525 MT= 55 (n,n') Level Cross Section 55-Cs-133 -99.27 To 150.7 %



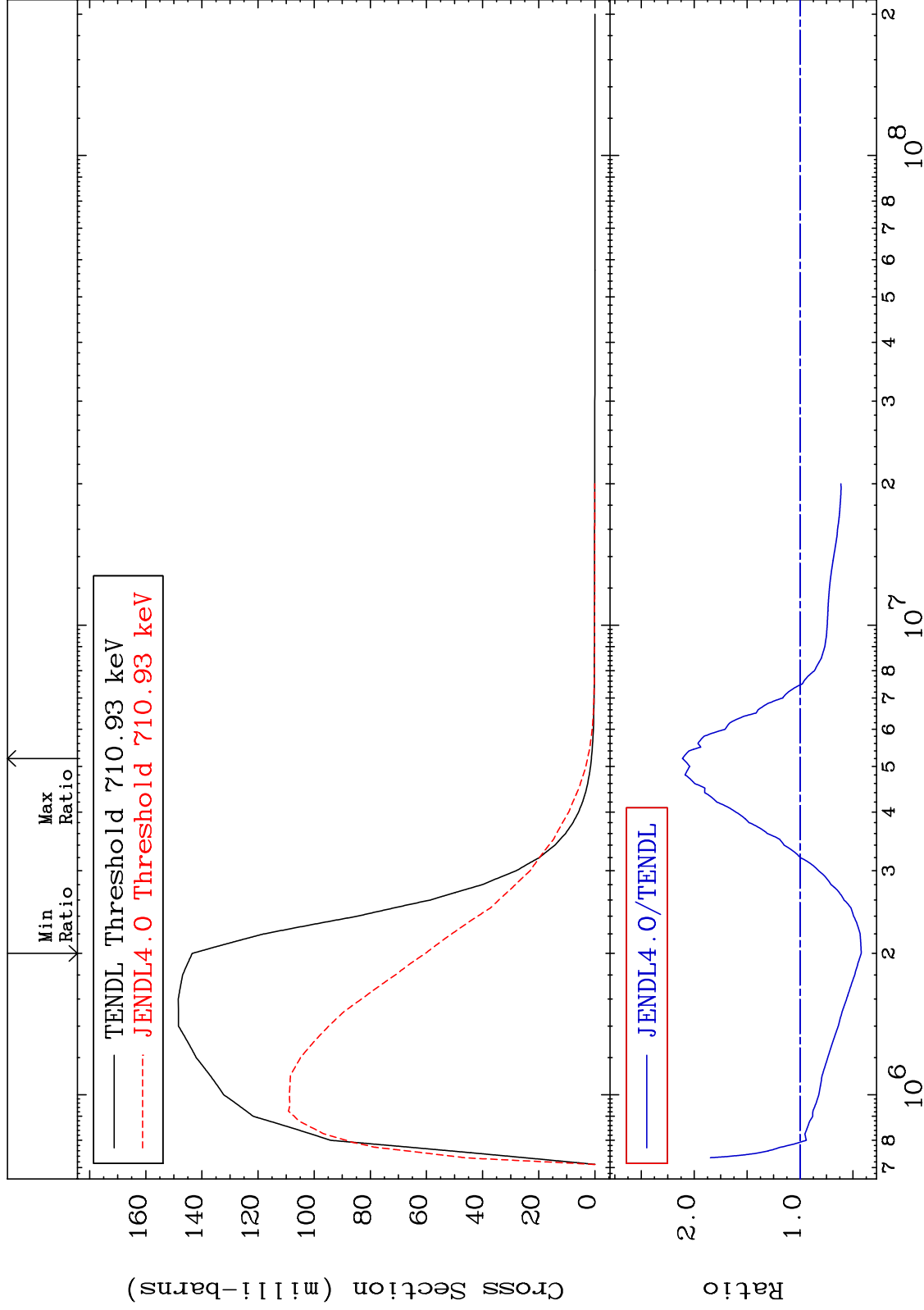
MAT 5525 MT= 56 (n,n') Level Cross Section 55-Cs-133
 -60.29 To 77.96 %



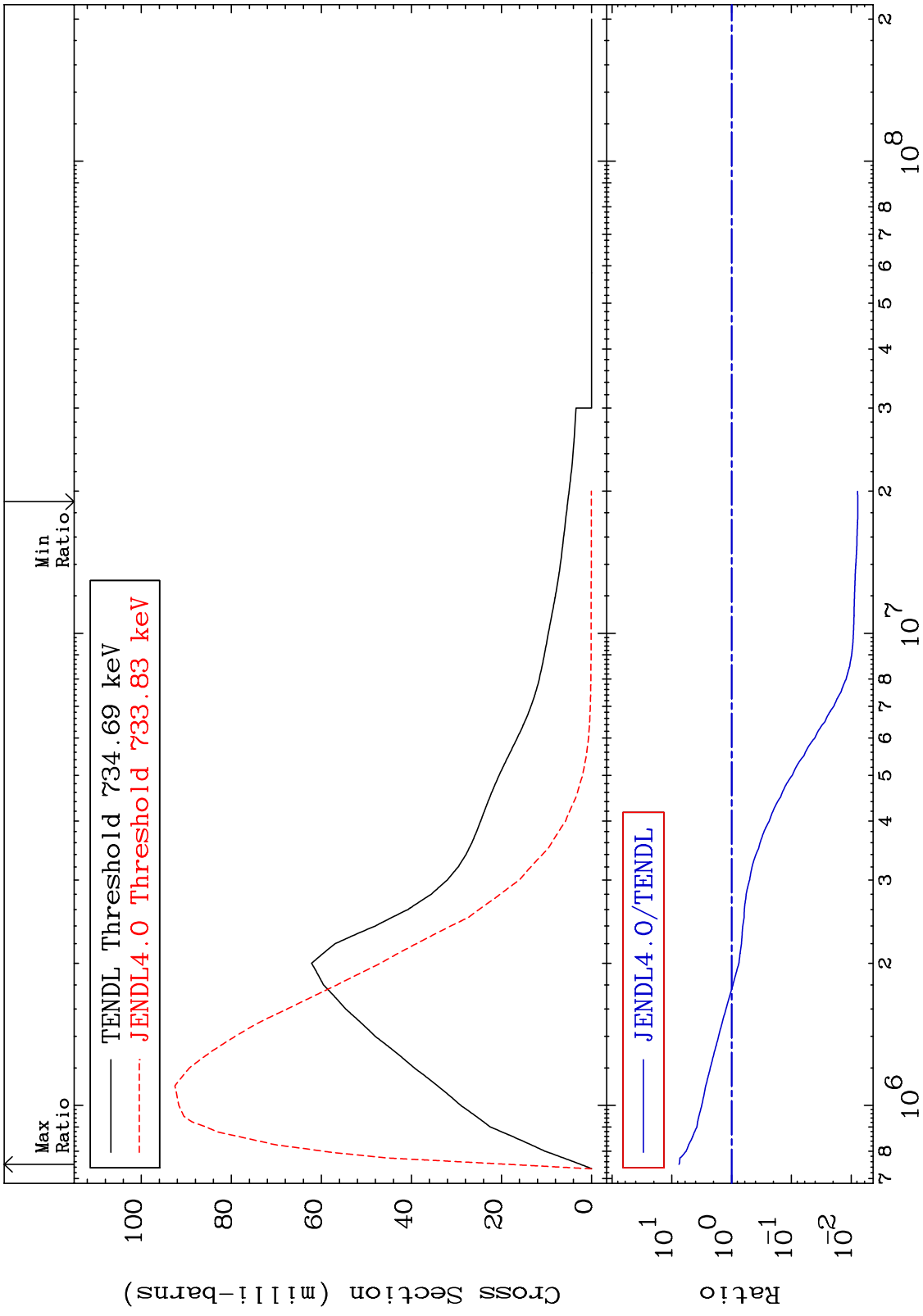
MAT 5525

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

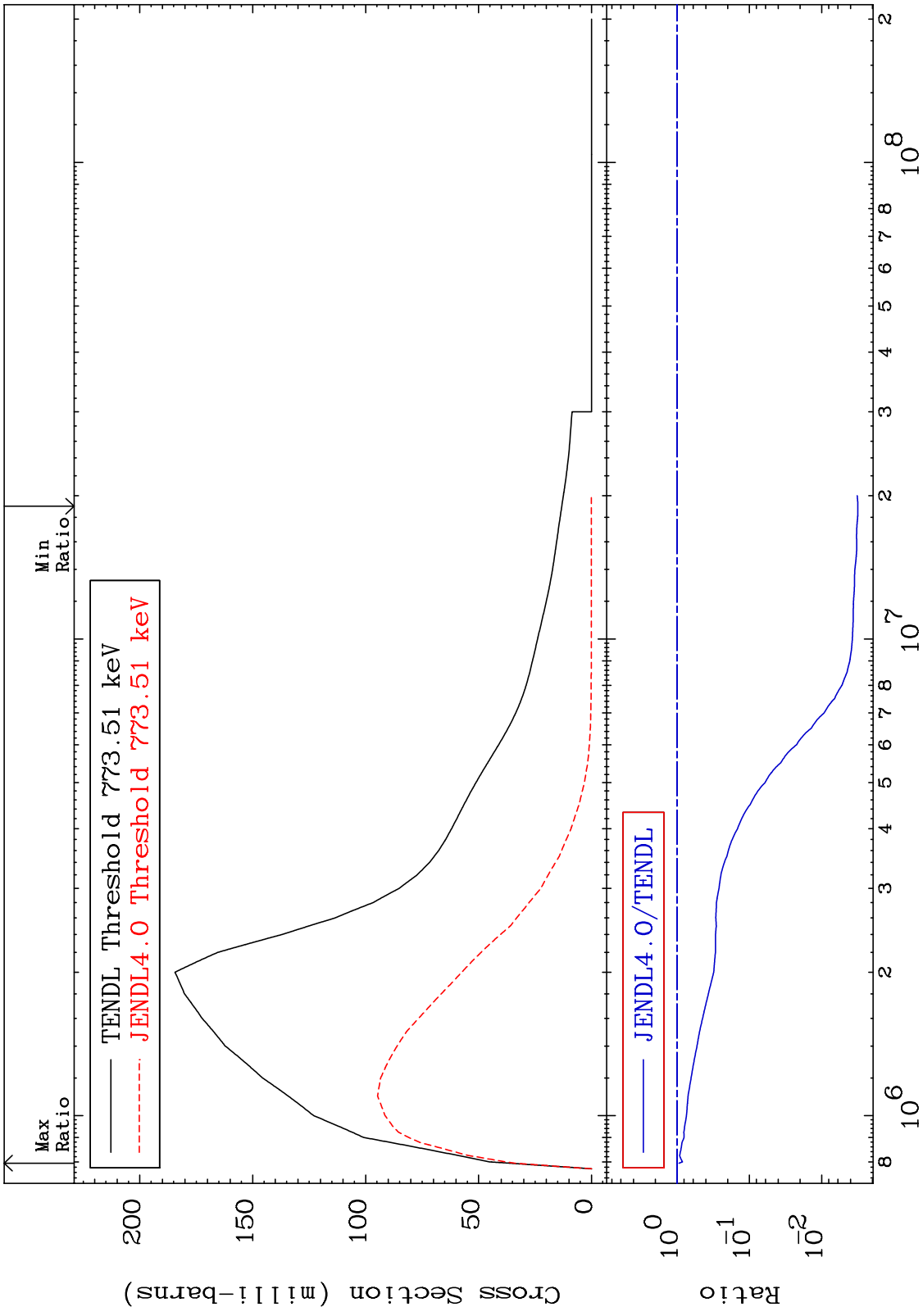
55-Cs-133
-57.87 To 111.1 %



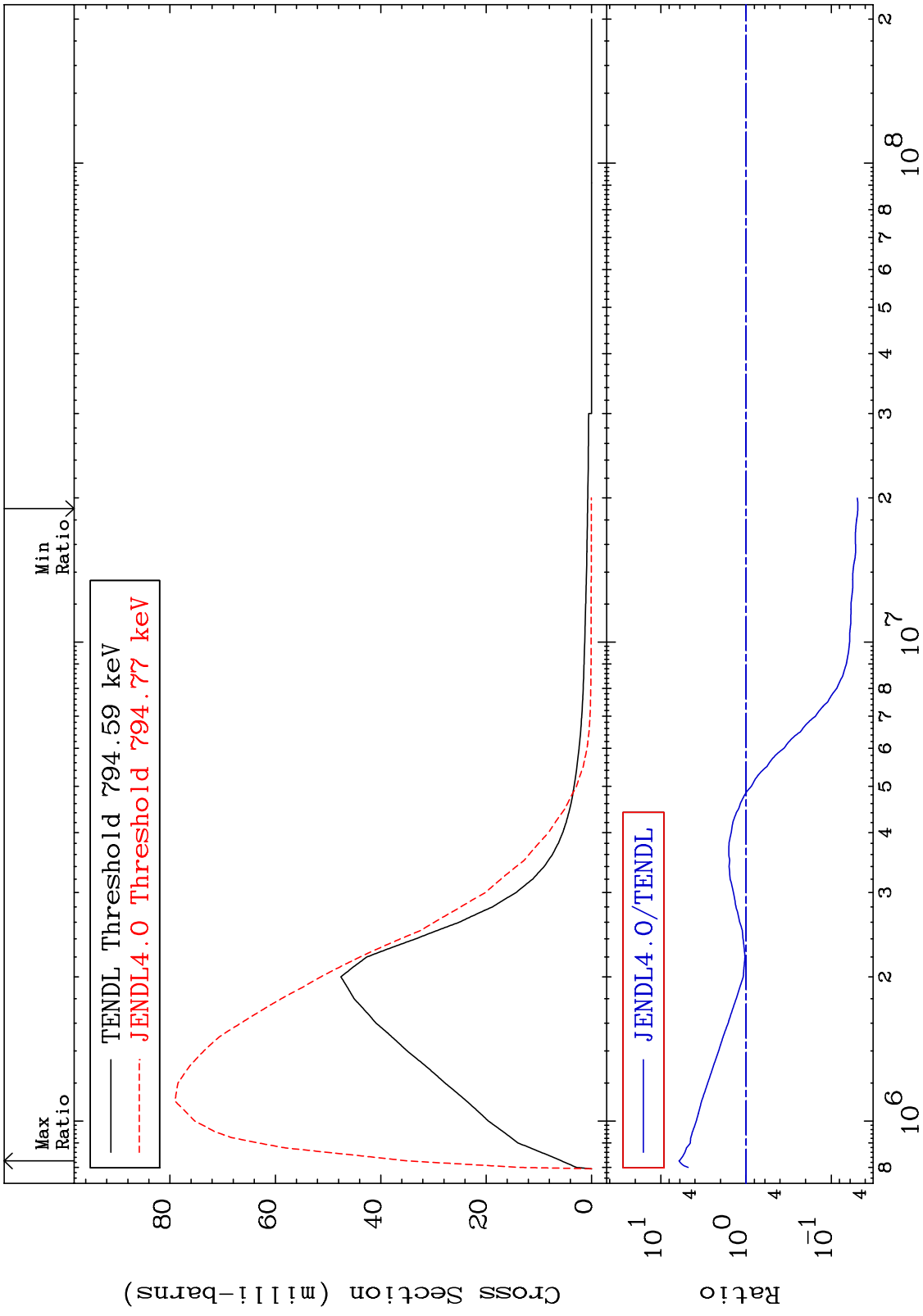
MAT 5525 MT= 58 (n,n') Level Cross Section 55-Cs-133 -99.23 To 656.3 %



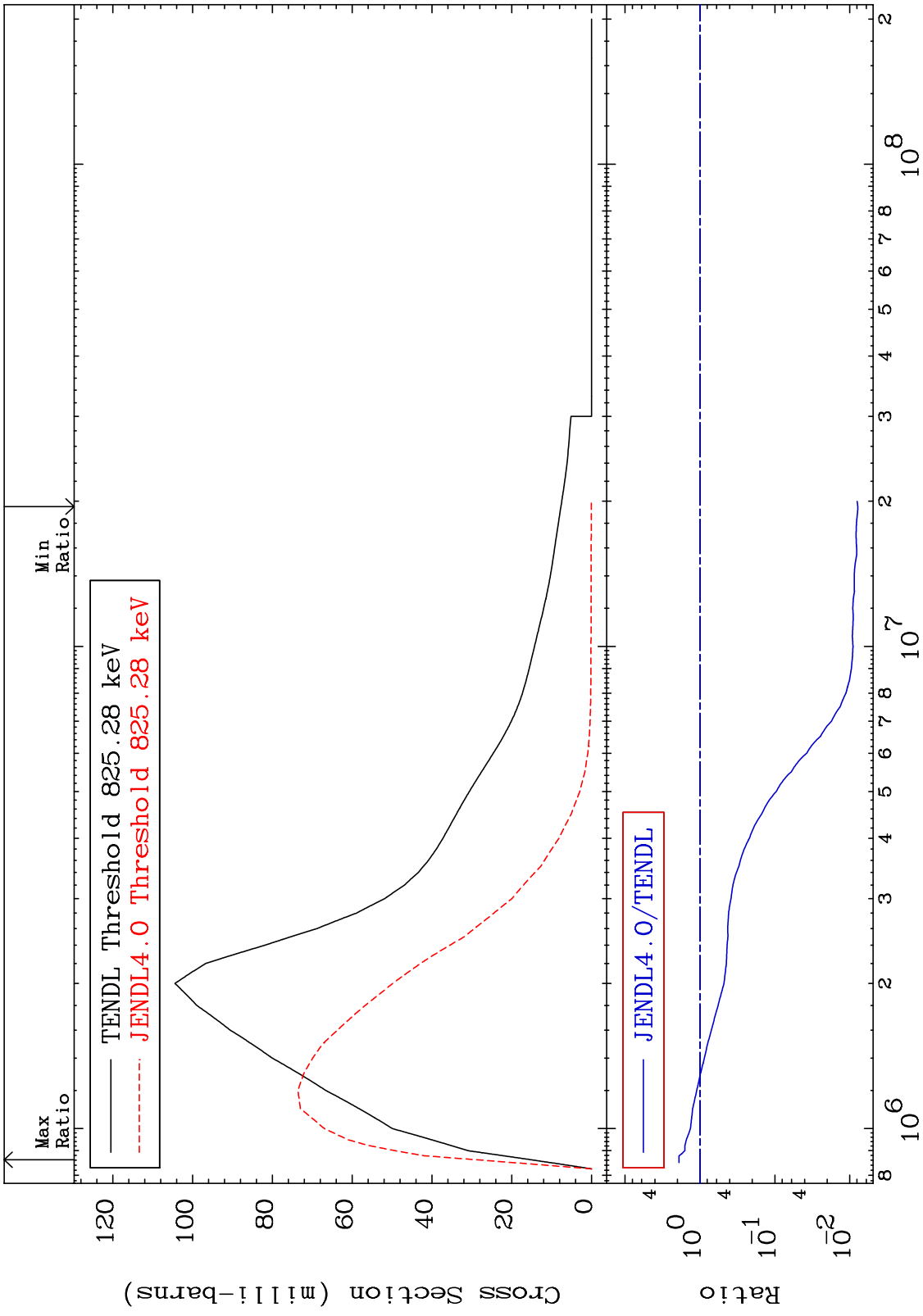
MAT 5525 MT= 59 (n,n') Level Cross Section 55-Cs-133 -99.68 To -6.028%



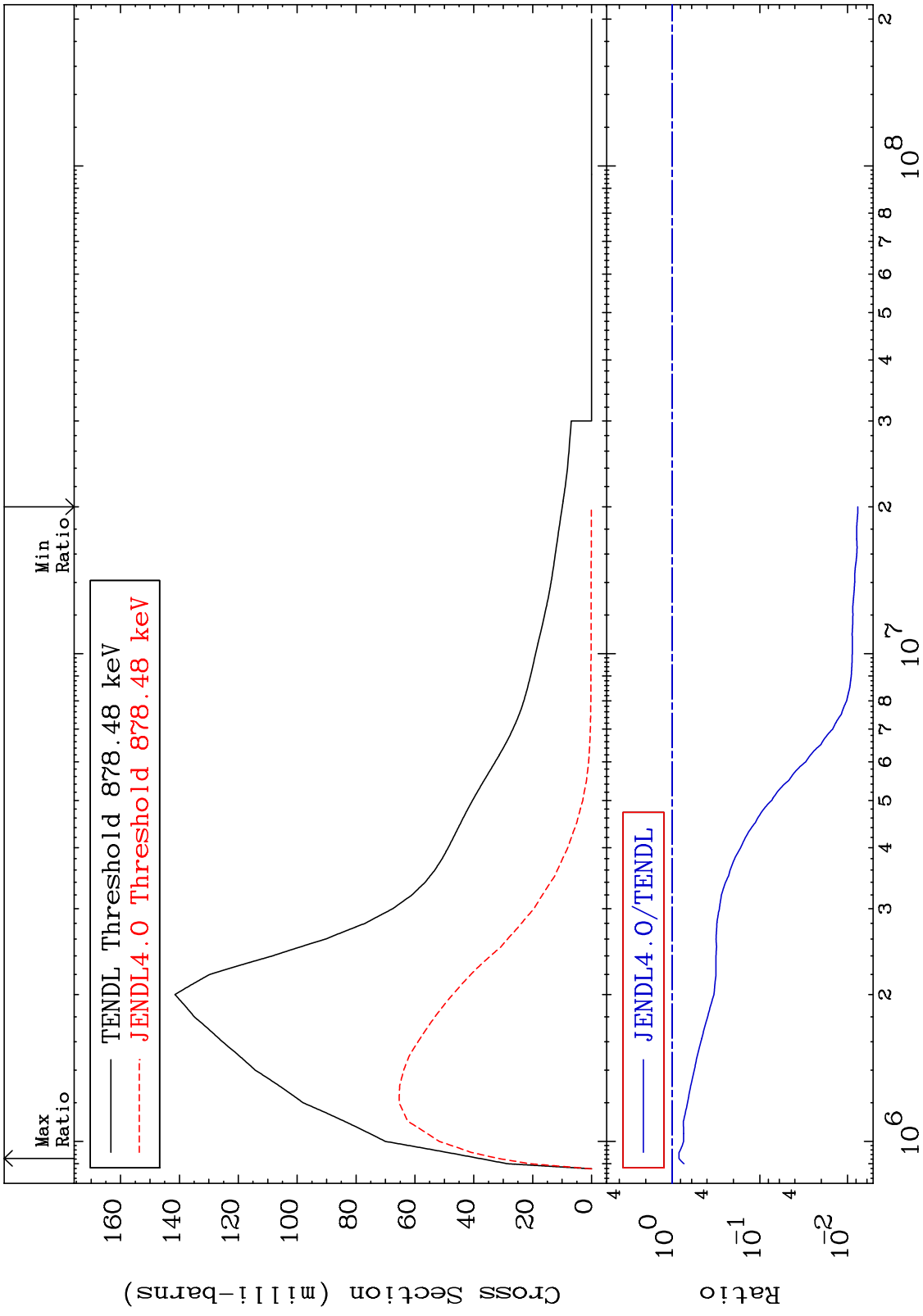
MAT 5525 MT= 60 (n,n') Level Cross Section 55-Cs-133
 -95.13 To 512.9 %



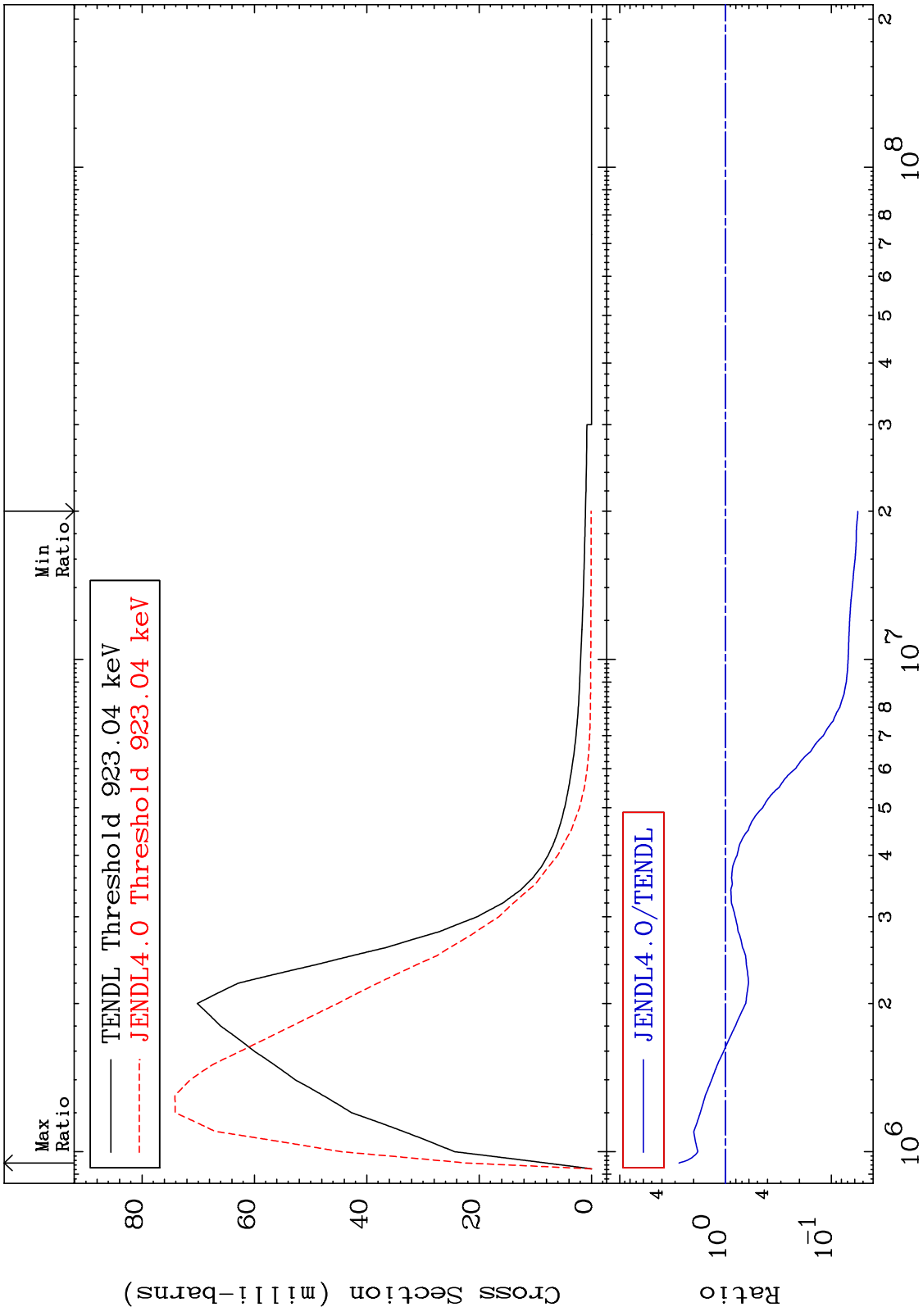
MAT 5525 MT= 61 (n,n') Level Cross Section 55-Cs-133 -99.22 To 90.21 %



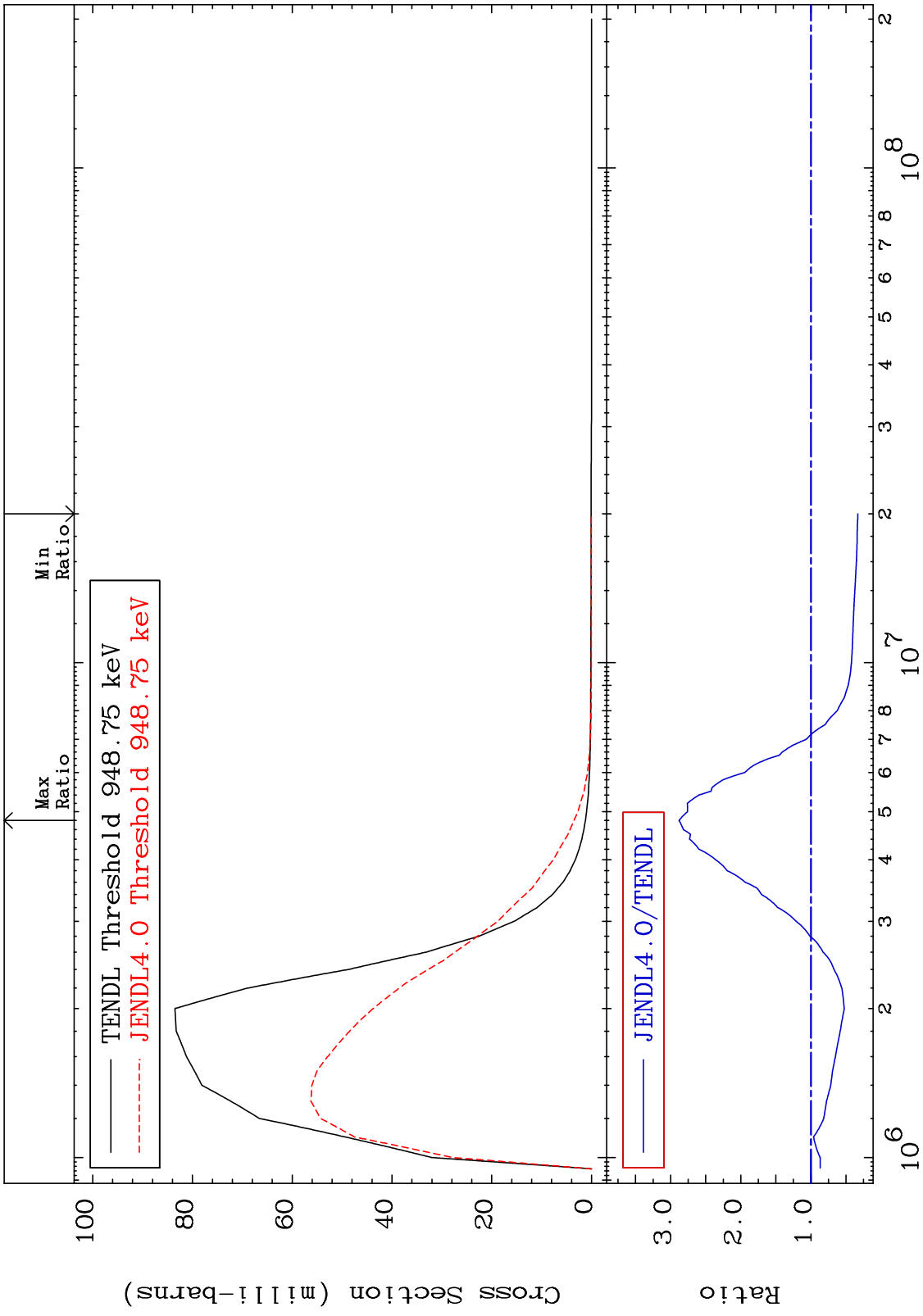
MAT 5525 MT= 62 (n,n') Level Cross Section 55-Cs-133 -99.24 To -16.68%



MAT 5525 MT= 63 (n,n') Level Cross Section 55-Cs-133 -94.40 To 175.3 %



MAT 5525 MT= 64 (n,n') Level Cross Section 55-Cs-133
-66.91 To 188.0 %

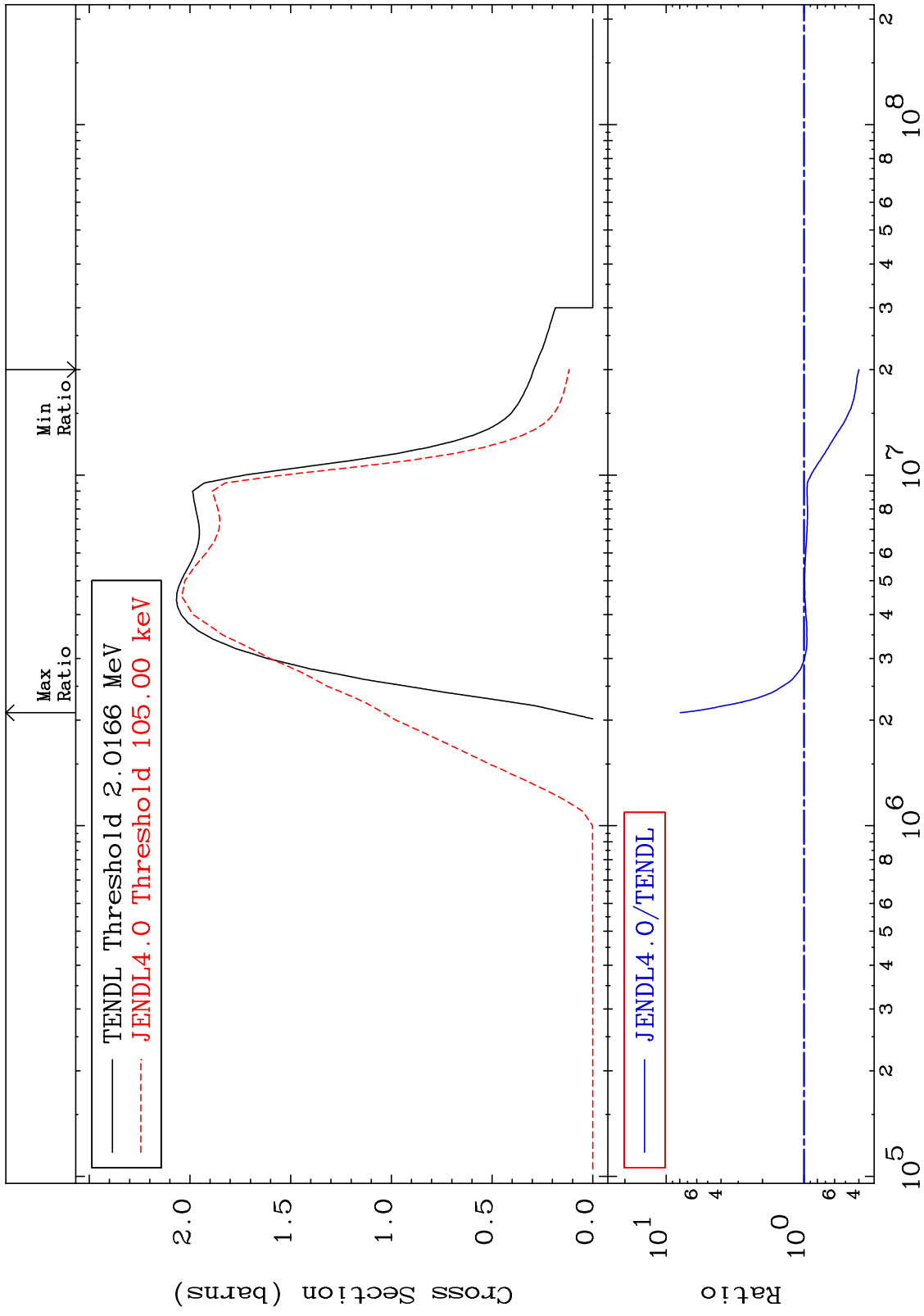


29 Incident Energy (eV) 55-Cs-133

MAT 5525

(n, n') Continuum
Cross Section

55-Cs-133
-60.05 To 692.0 %

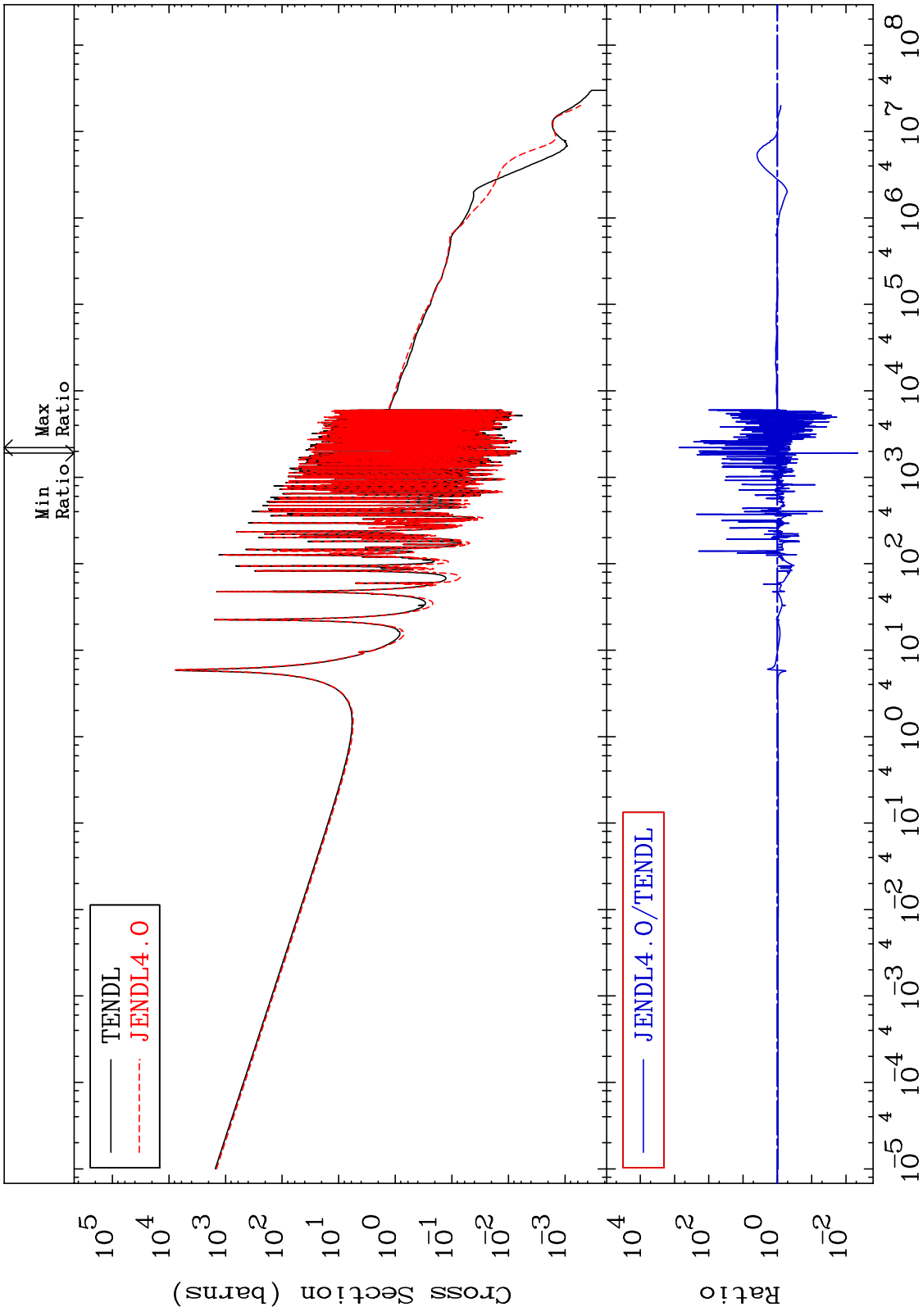


30

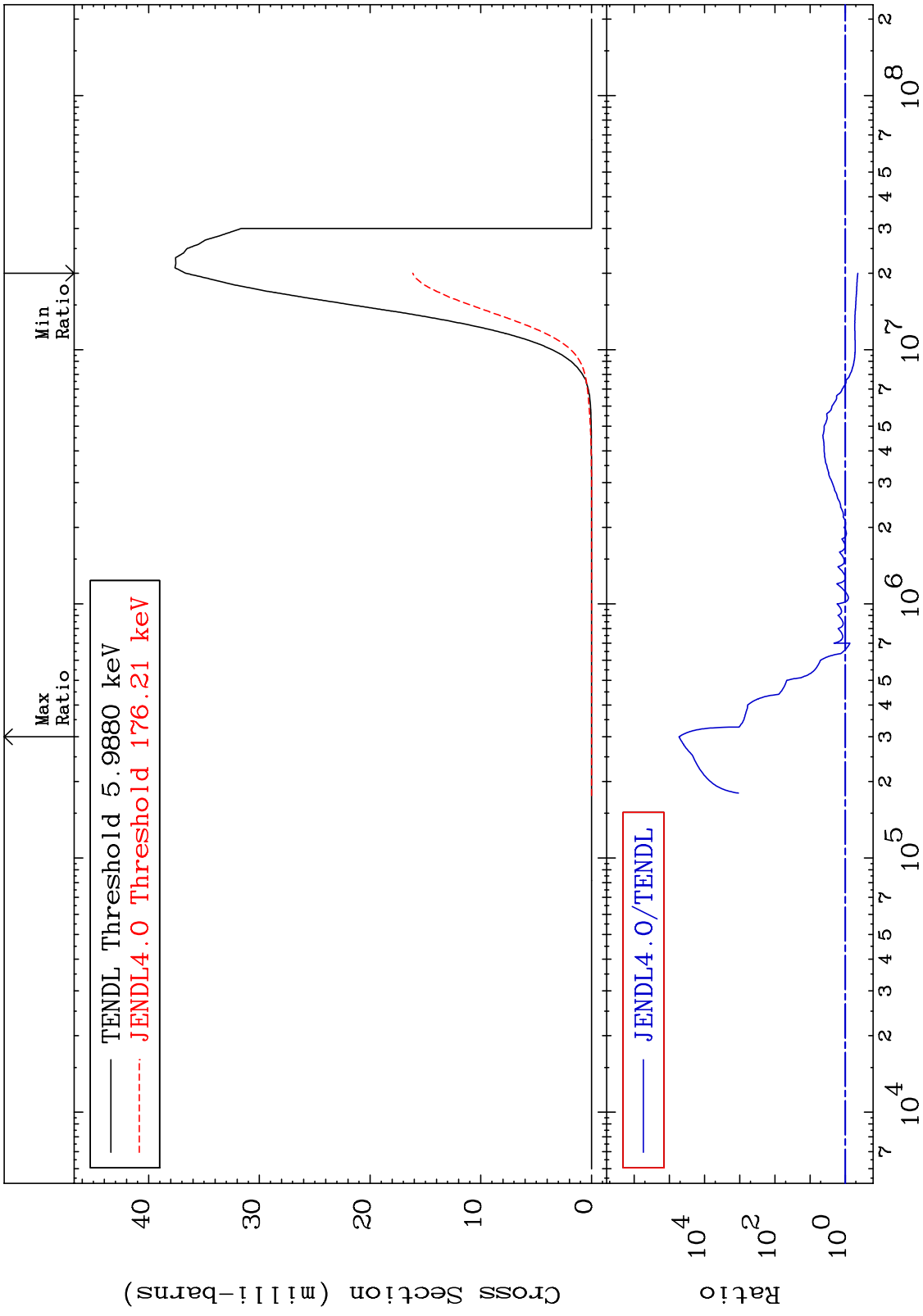
Incident Energy (eV)

55-Cs-133

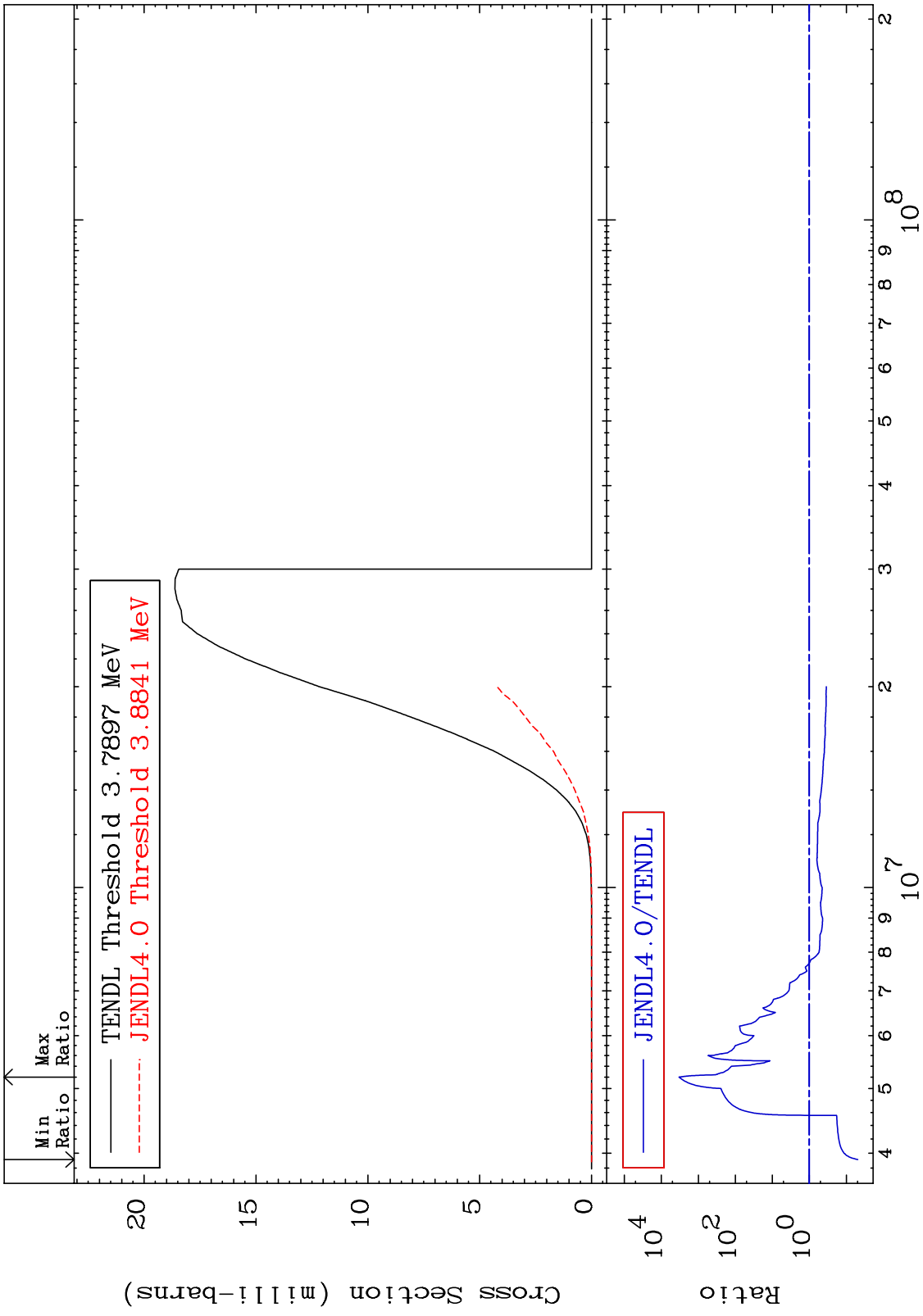
MAT 5525 (n, γ) Cross Section 55-Cs-133 -99.55 To 9999. %



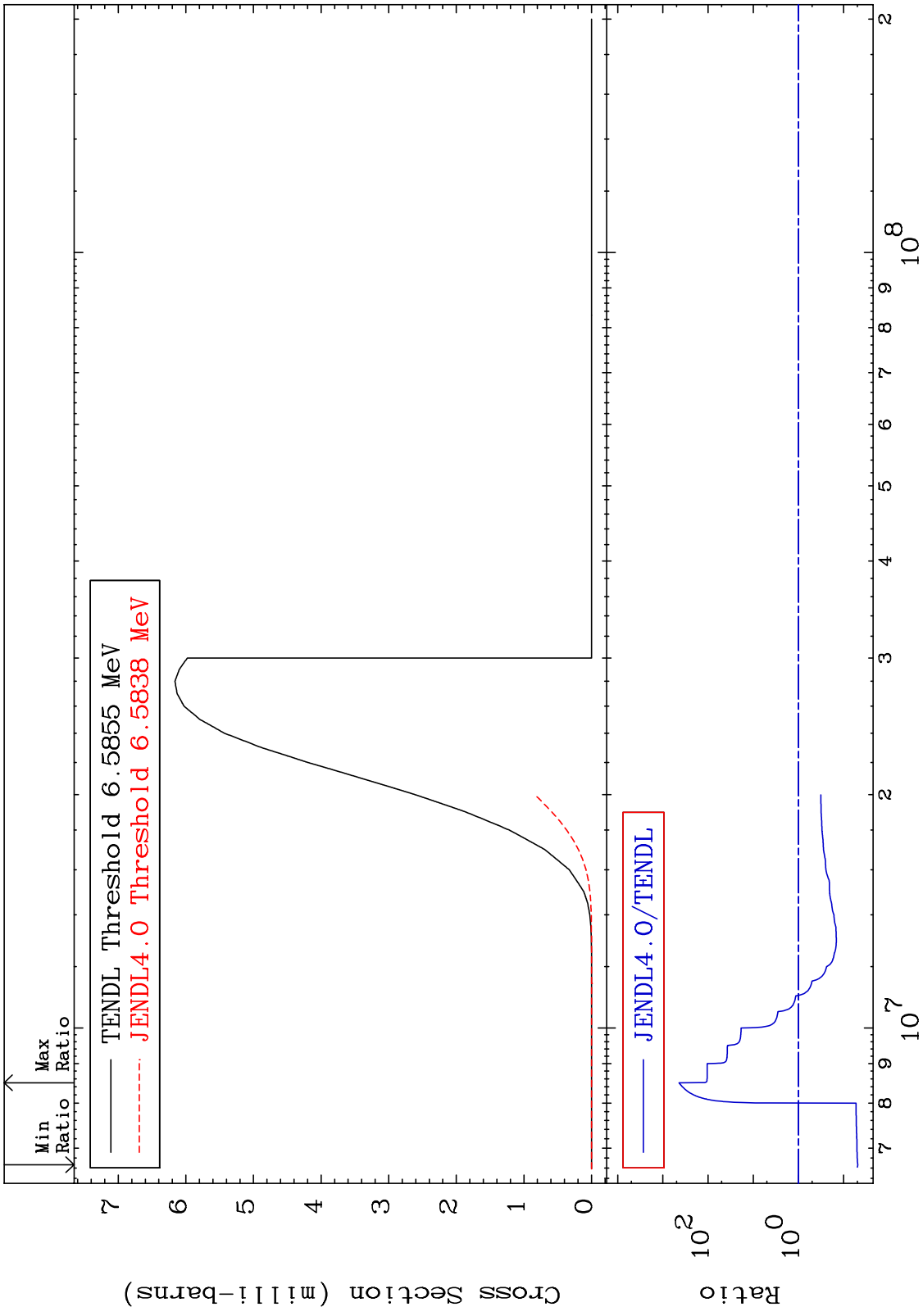
MAT 5525 (n,p) Cross Section 55-Cs-133 -55.97 To 9999. %



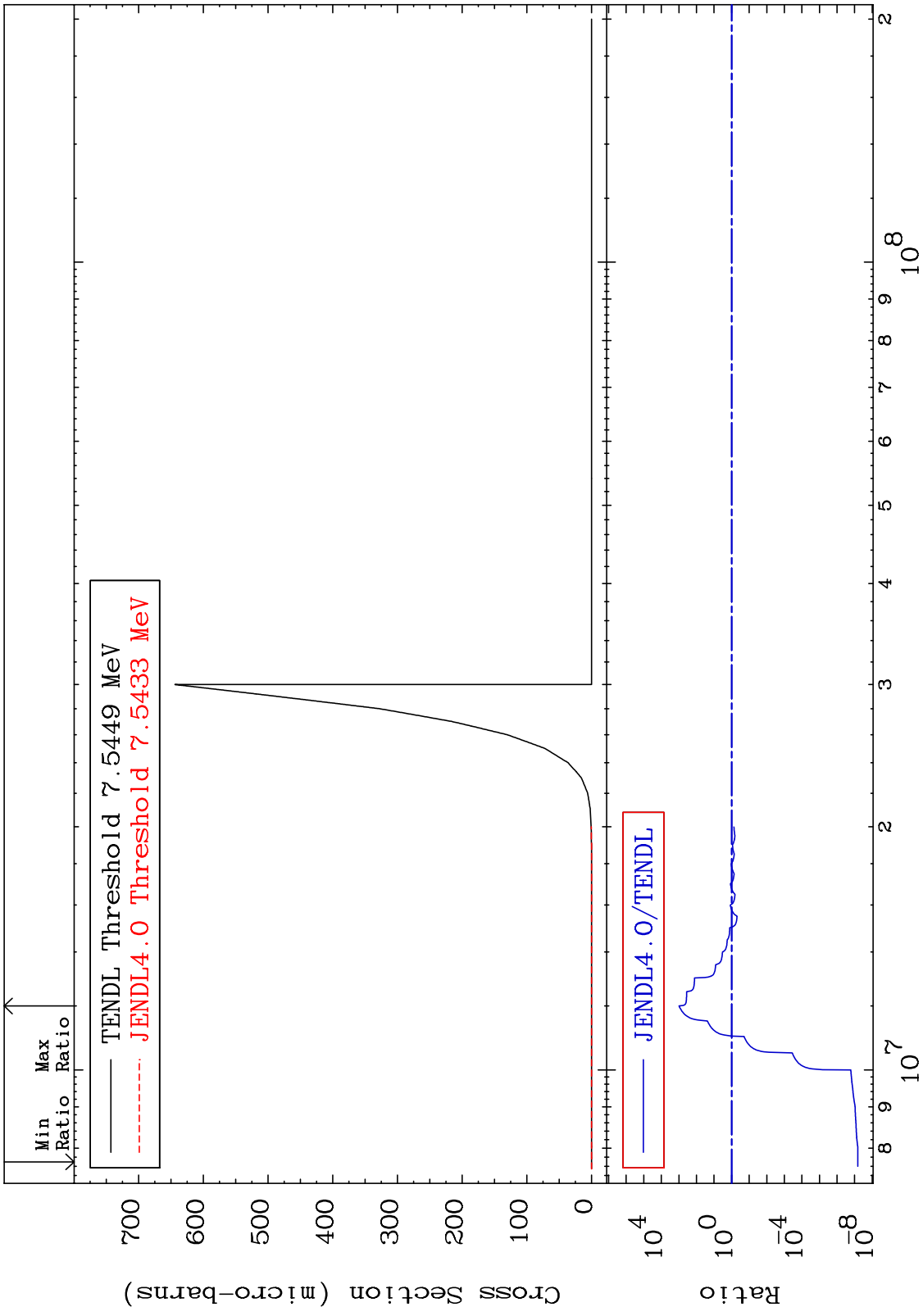
Incident Energy (eV) 55-Cs-133



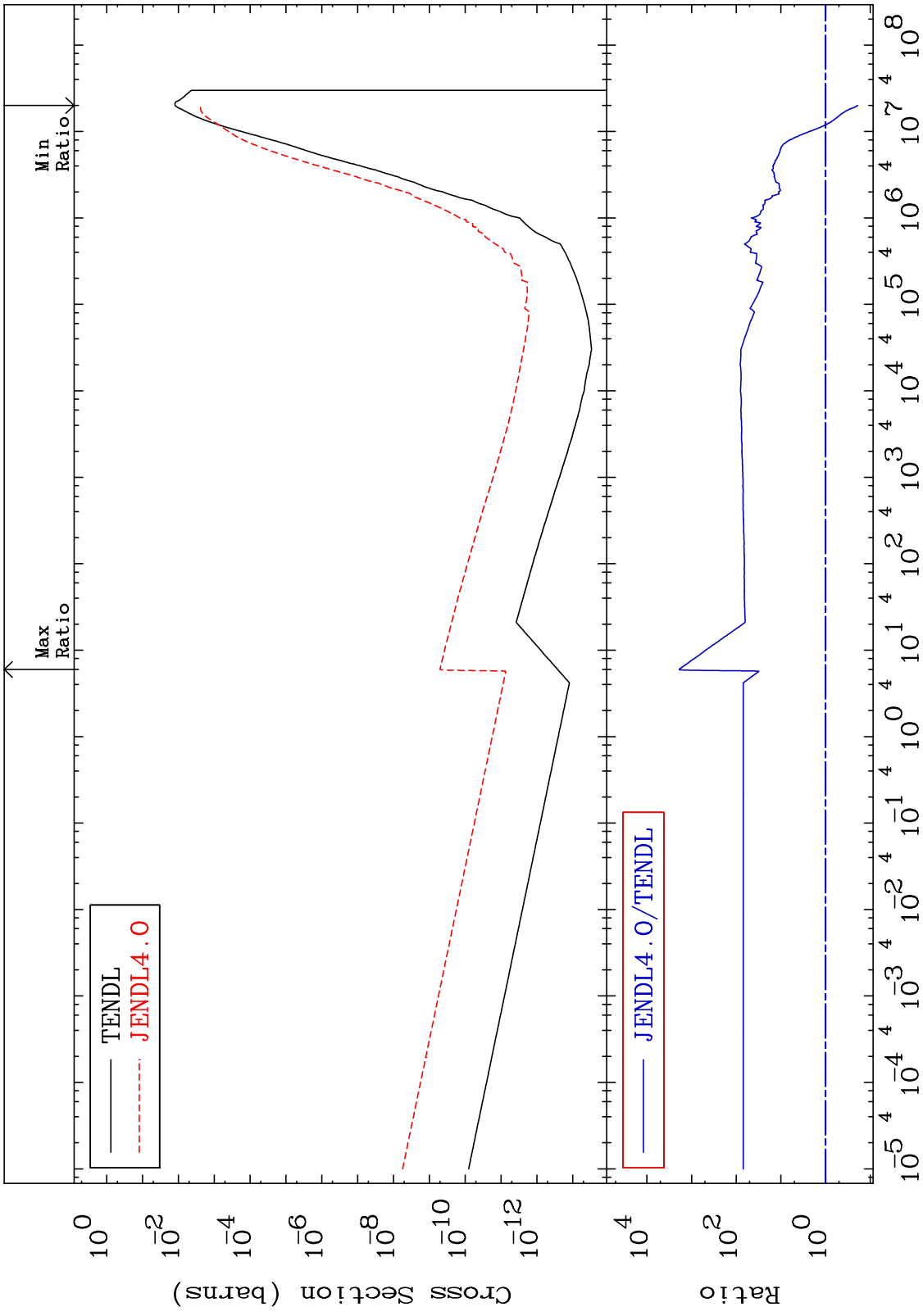
MAT 5525 (n,t) 55-Cs-133
 Cross Section -95.14 To 9999. %

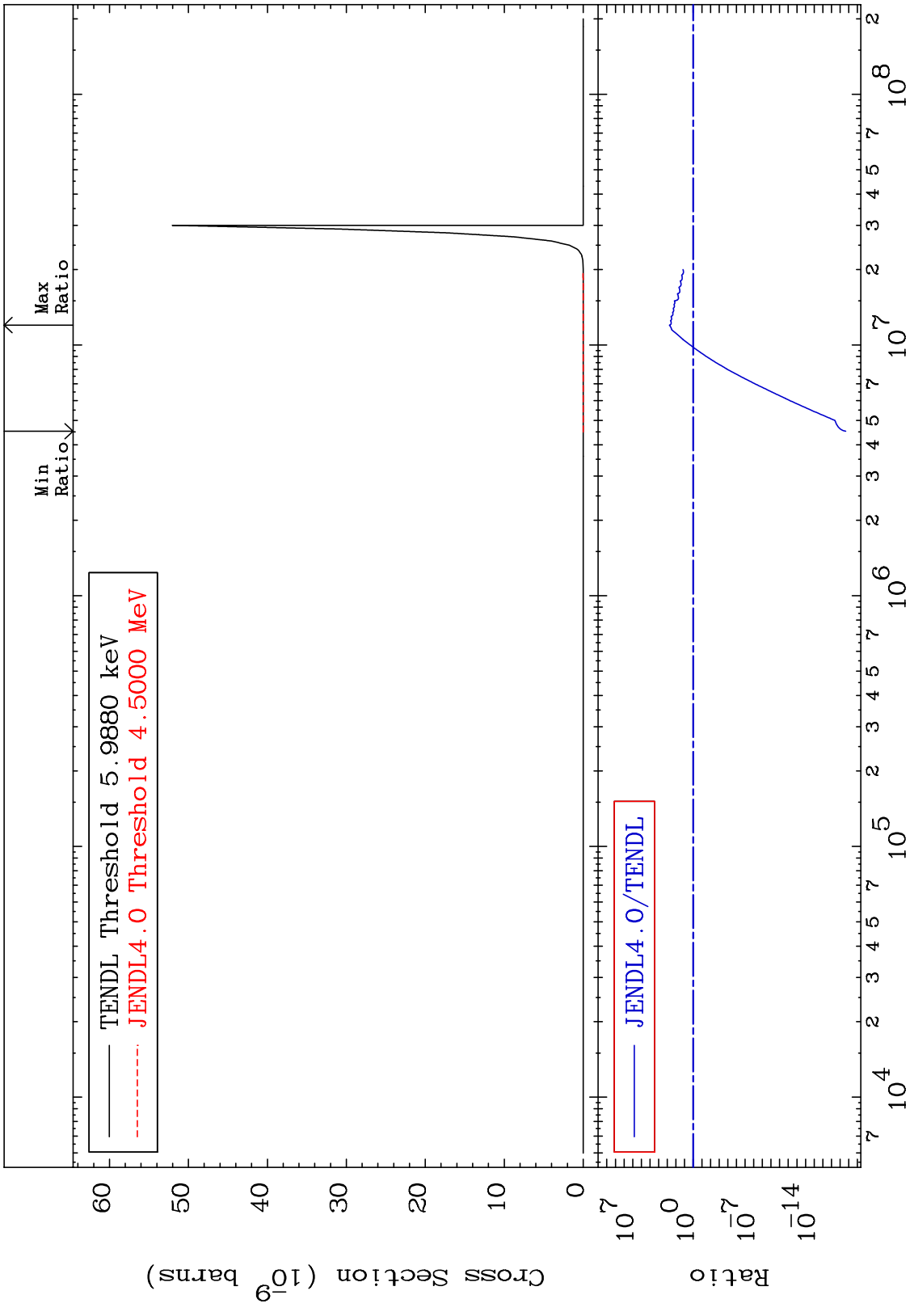


MAT 5525 (n, He-3) 55-Cs-133
 Cross Section -100.0 To 9999. %

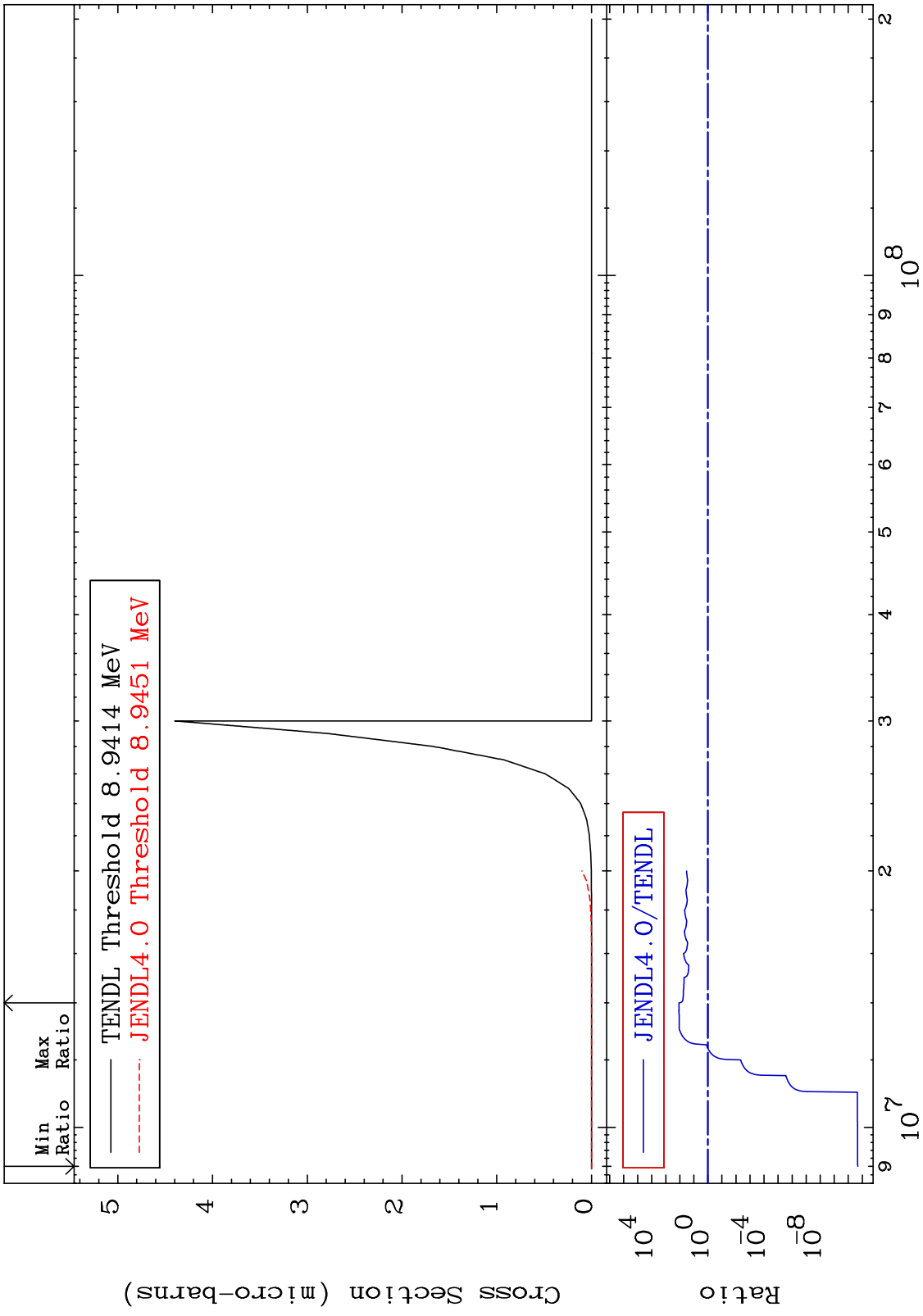


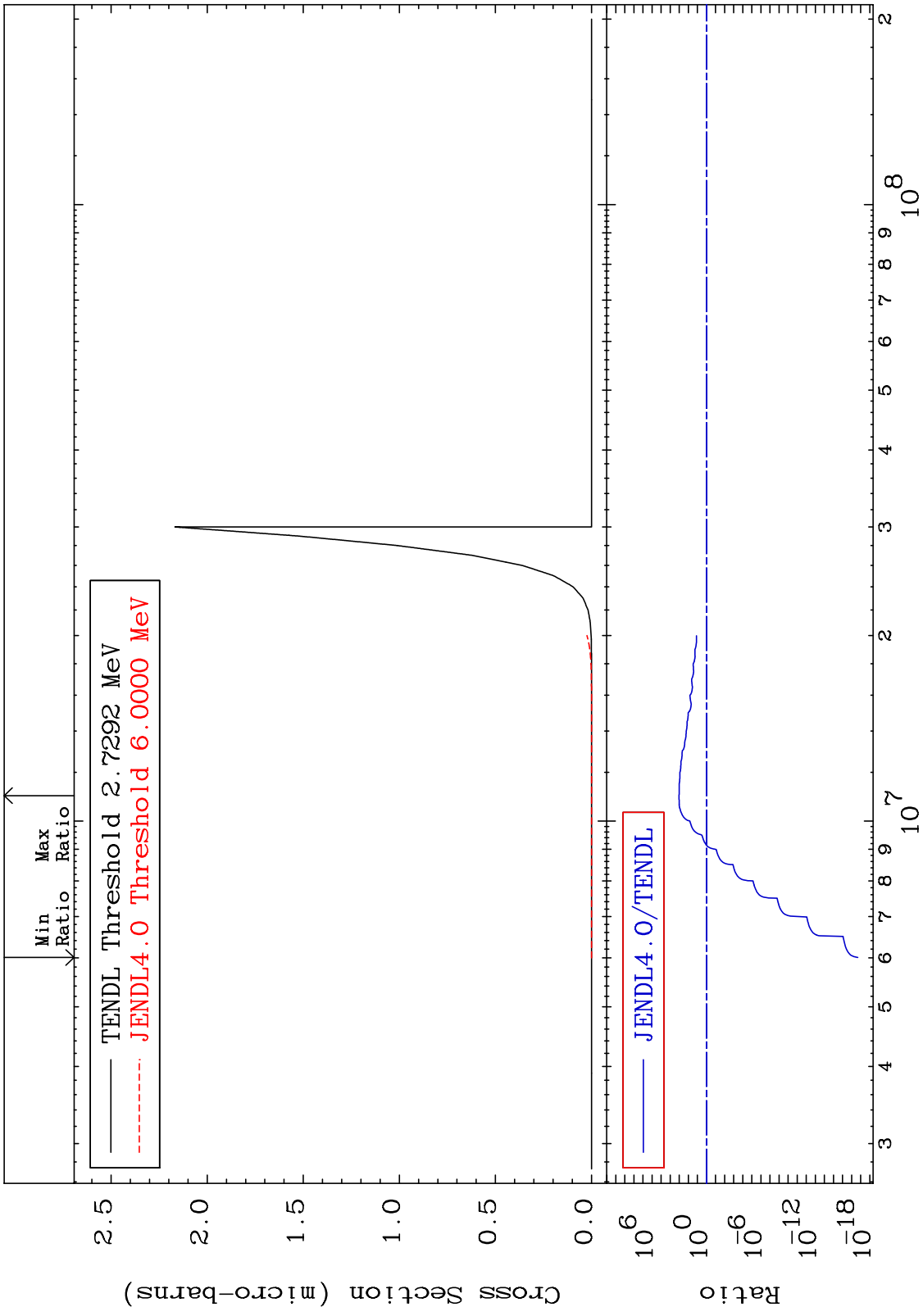
MAT 5525 (n, α) Cross Section 55-Cs-133 -81.06 To 9999. %

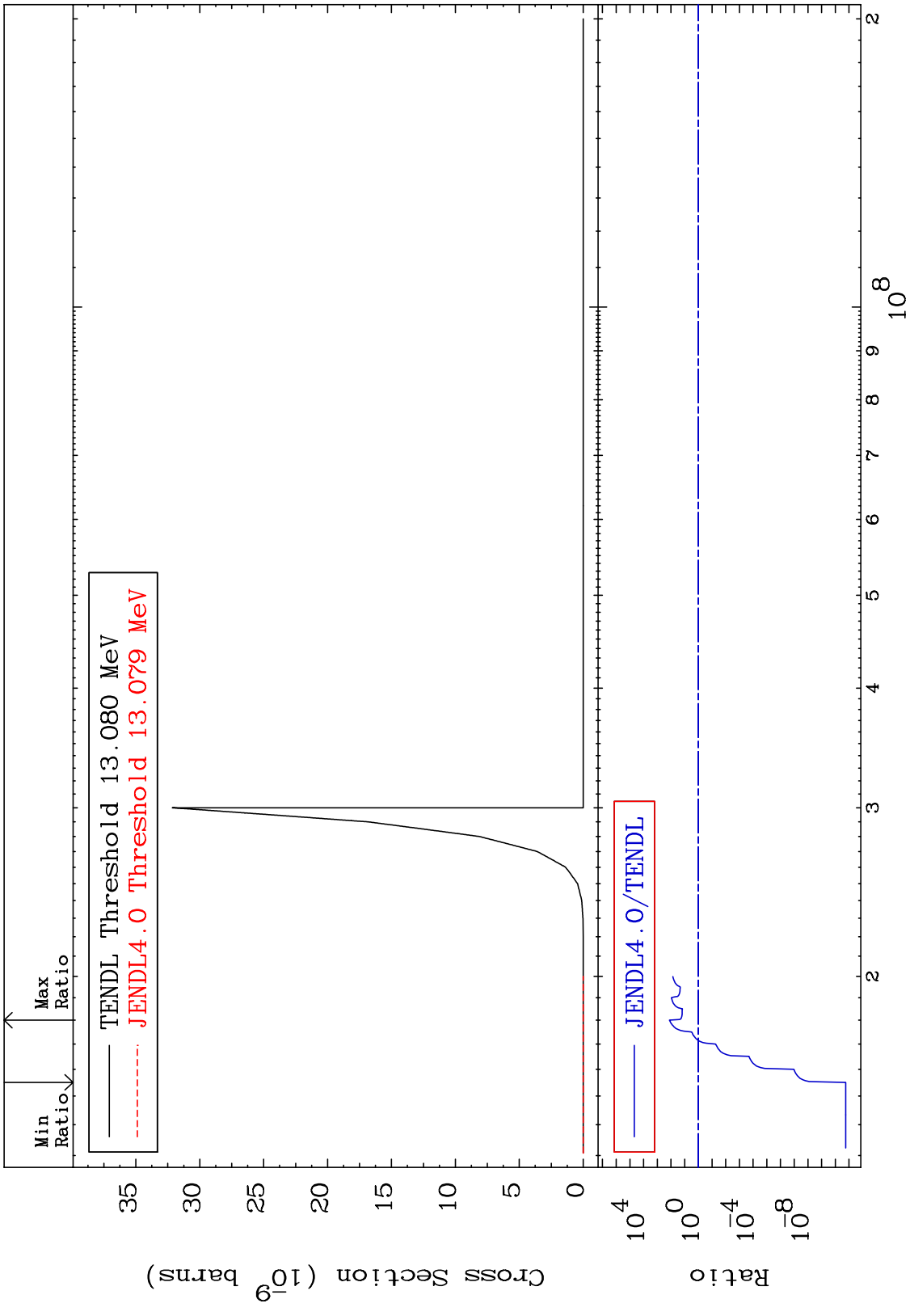




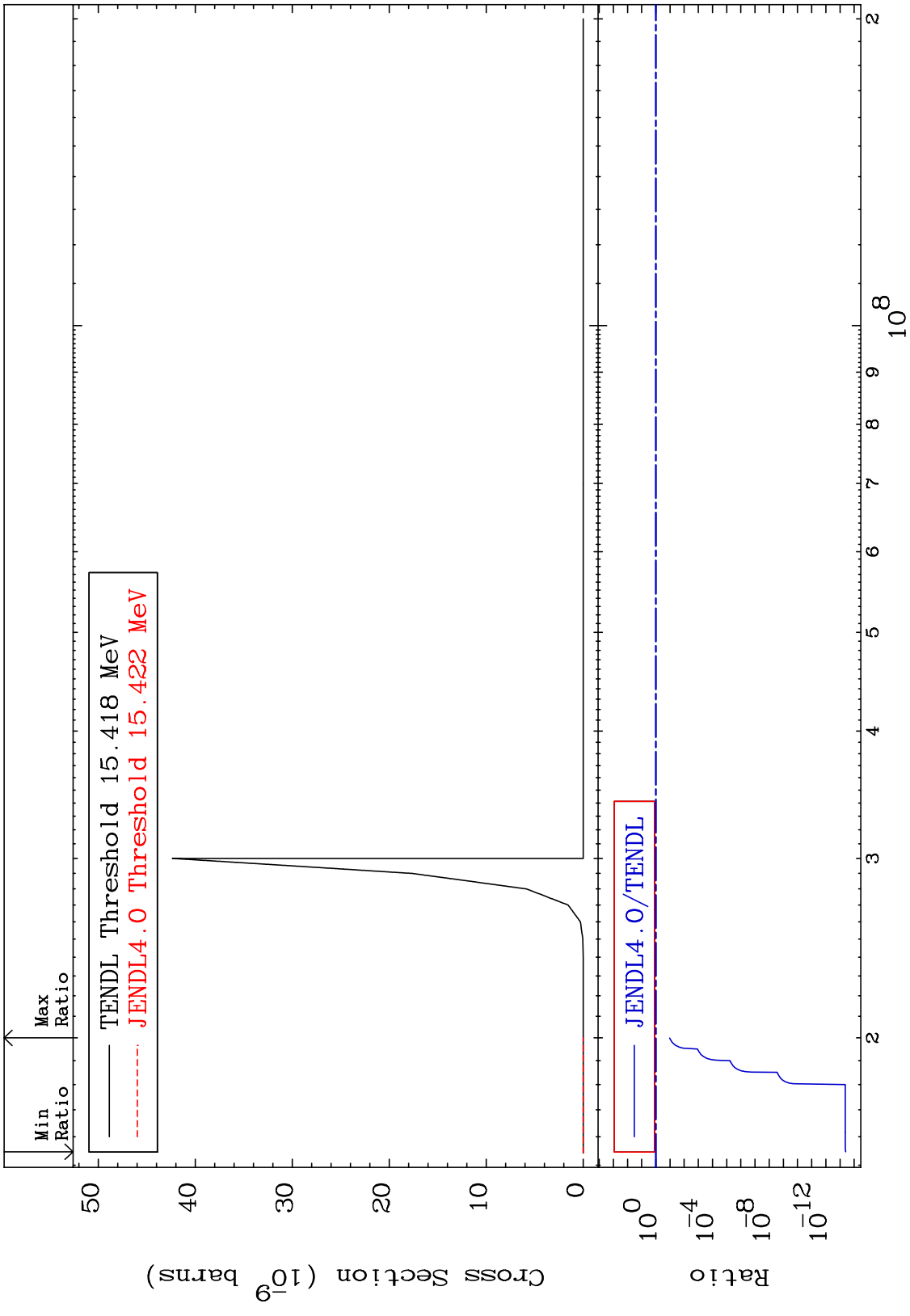
MAT 5525 (n,2p) 55-Cs-133
 Cross Section -100.0 To 9999. %



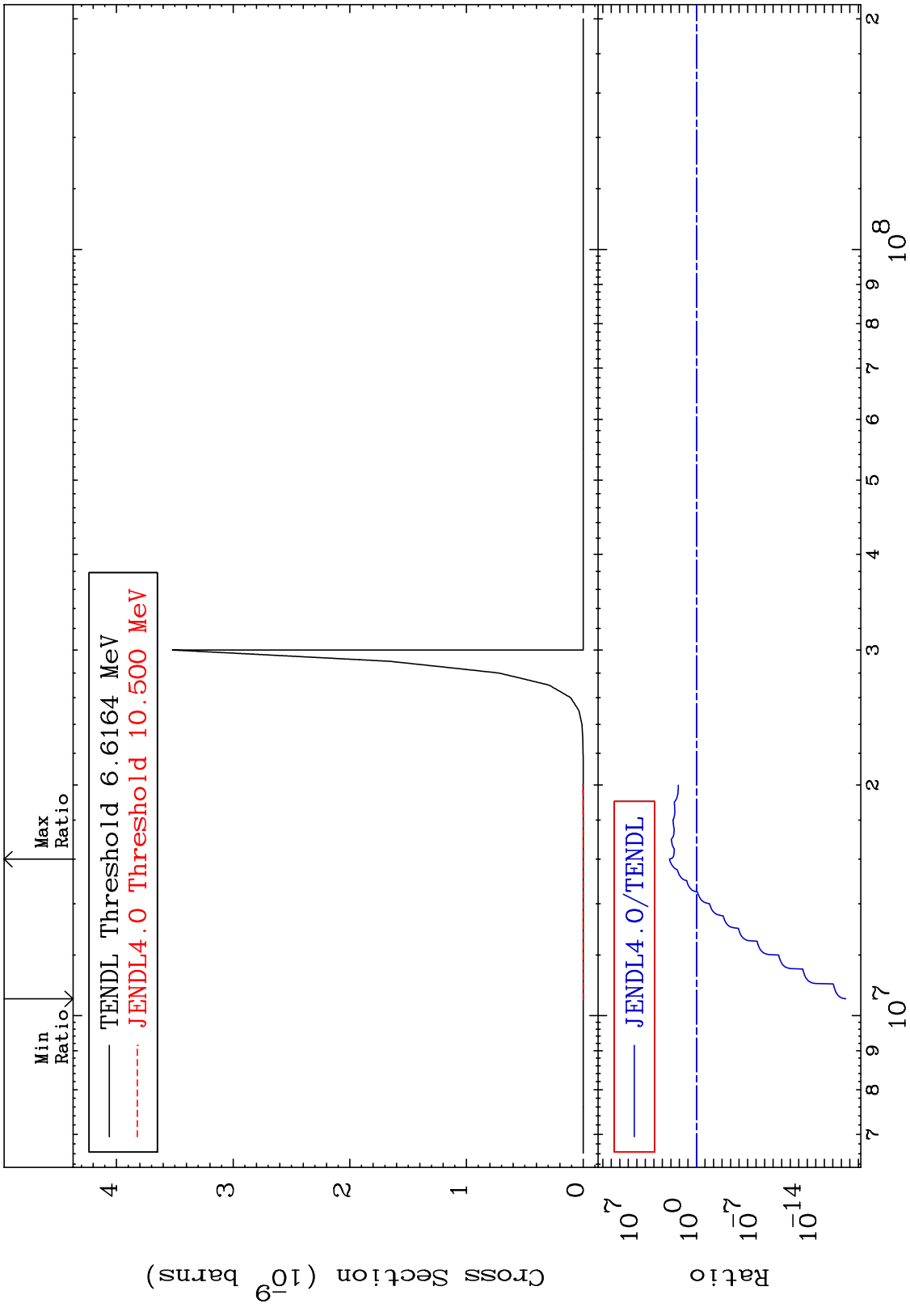




MAT 5525 (n,p) t 55-Cs-133
 Cross Section -100.0 To -89.12%



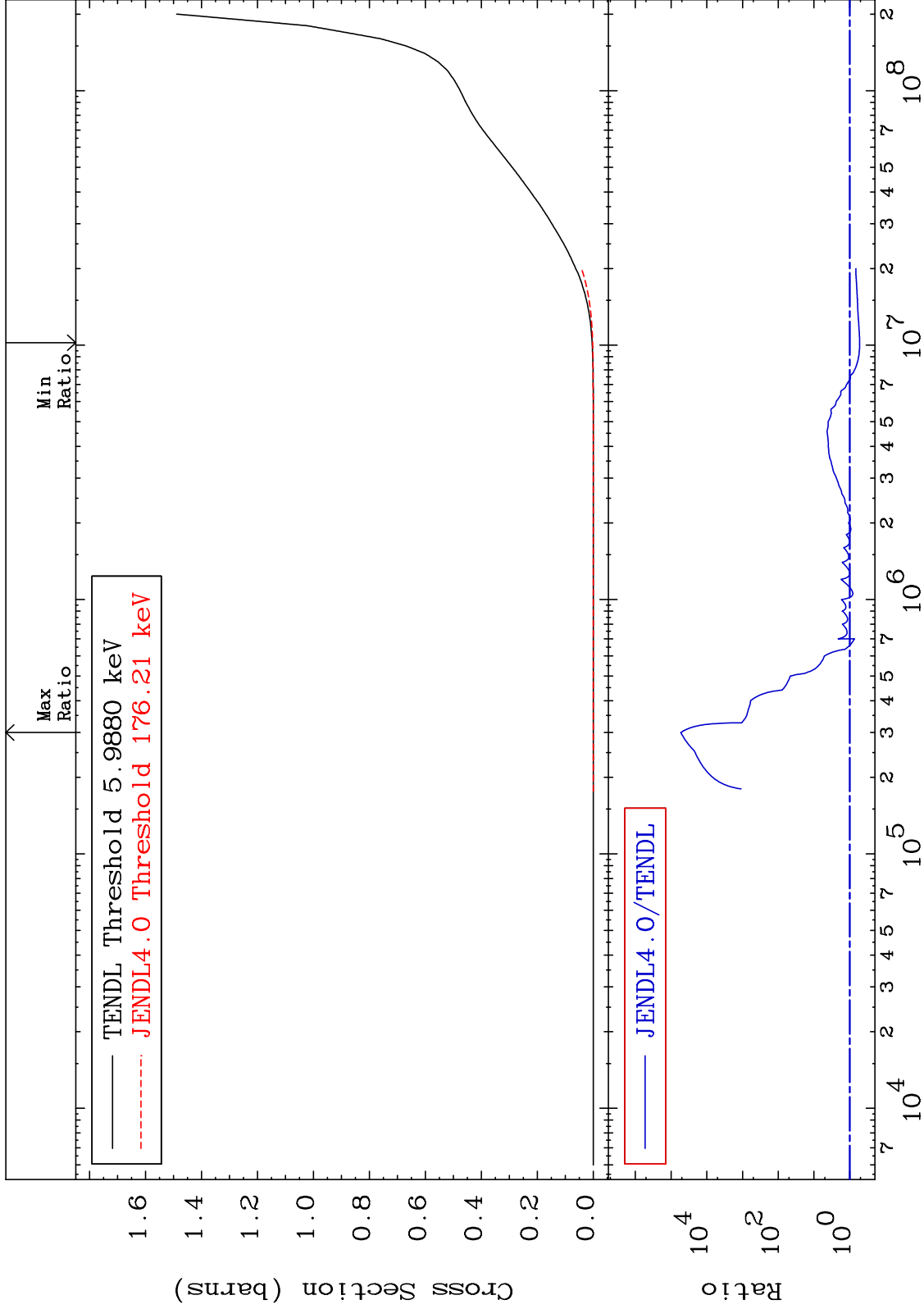
MAT 5525 $(n,d) \alpha$ 55-Cs-133
 Cross Section -100.0 To 9999. %



MAT 5525

Hydrogen Production
Cross Section

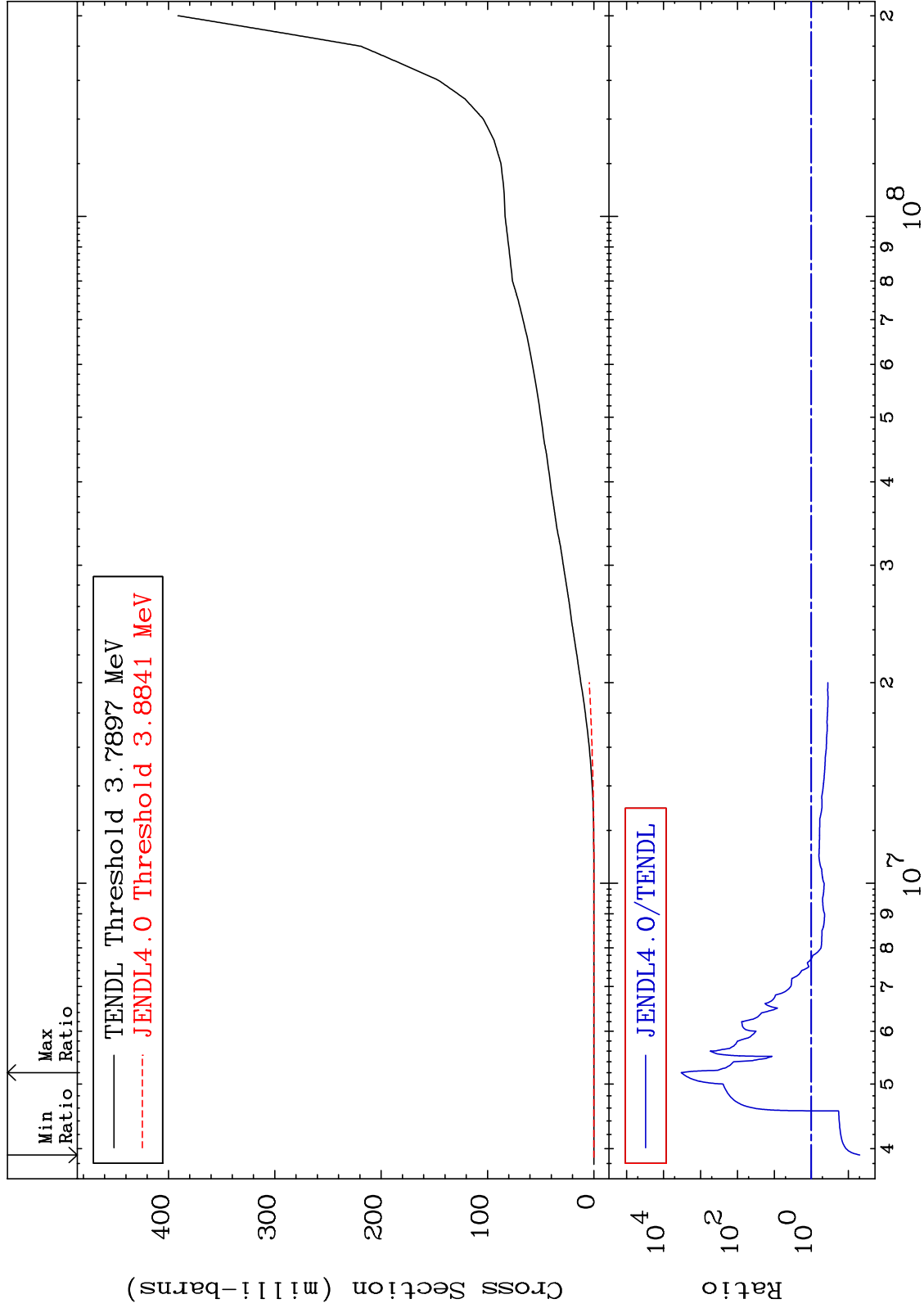
55-Cs-133
-47.15 To 9999. %



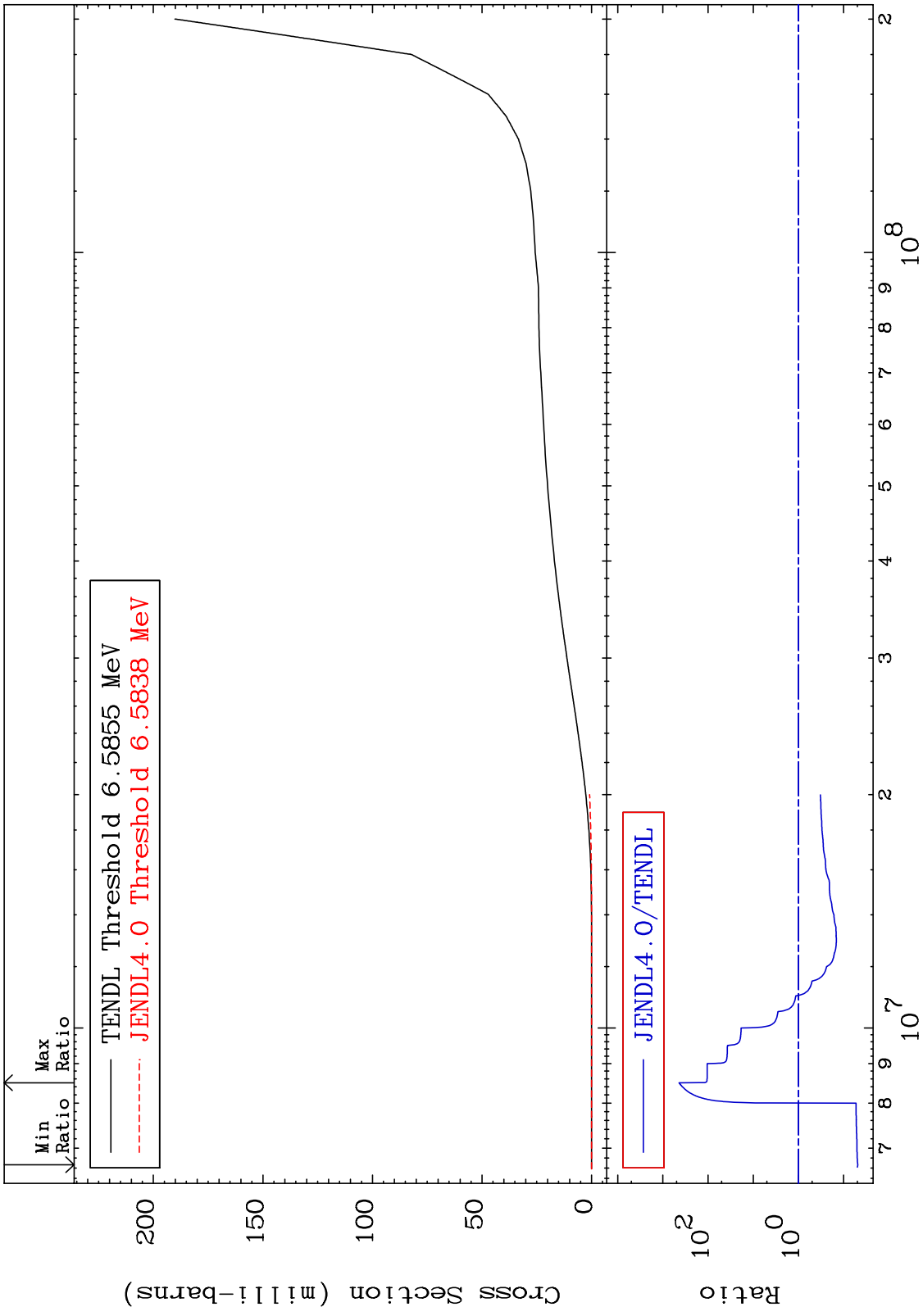
MAT 5525

Deuterium Production
Cross Section

55-Cs-133
-95.10 To 9999. %



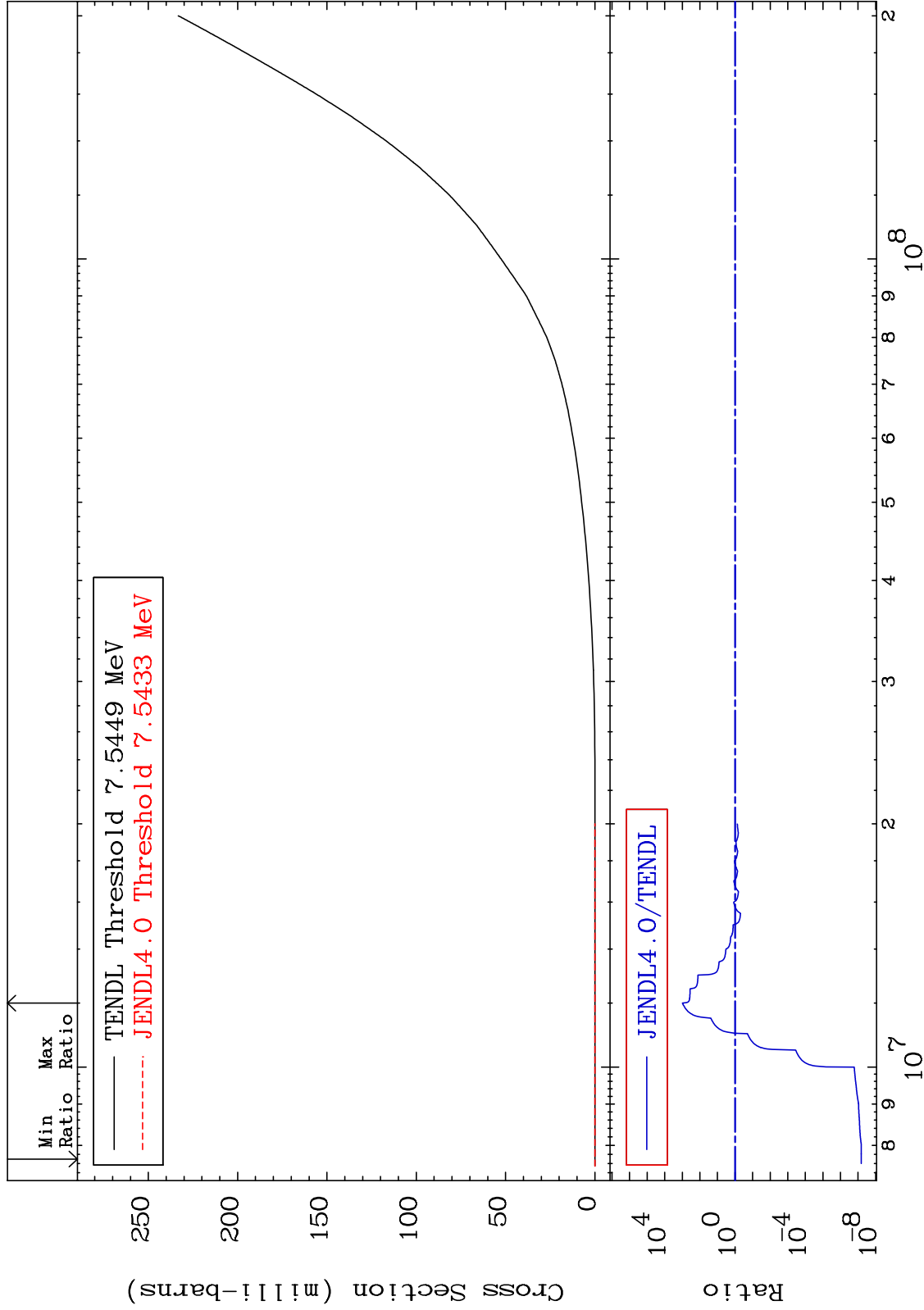
MAT 5525 Tritium Production Cross Section 55-Cs-133 -95.14 To 9999. %



MAT 5525

He-3 Production
Cross Section

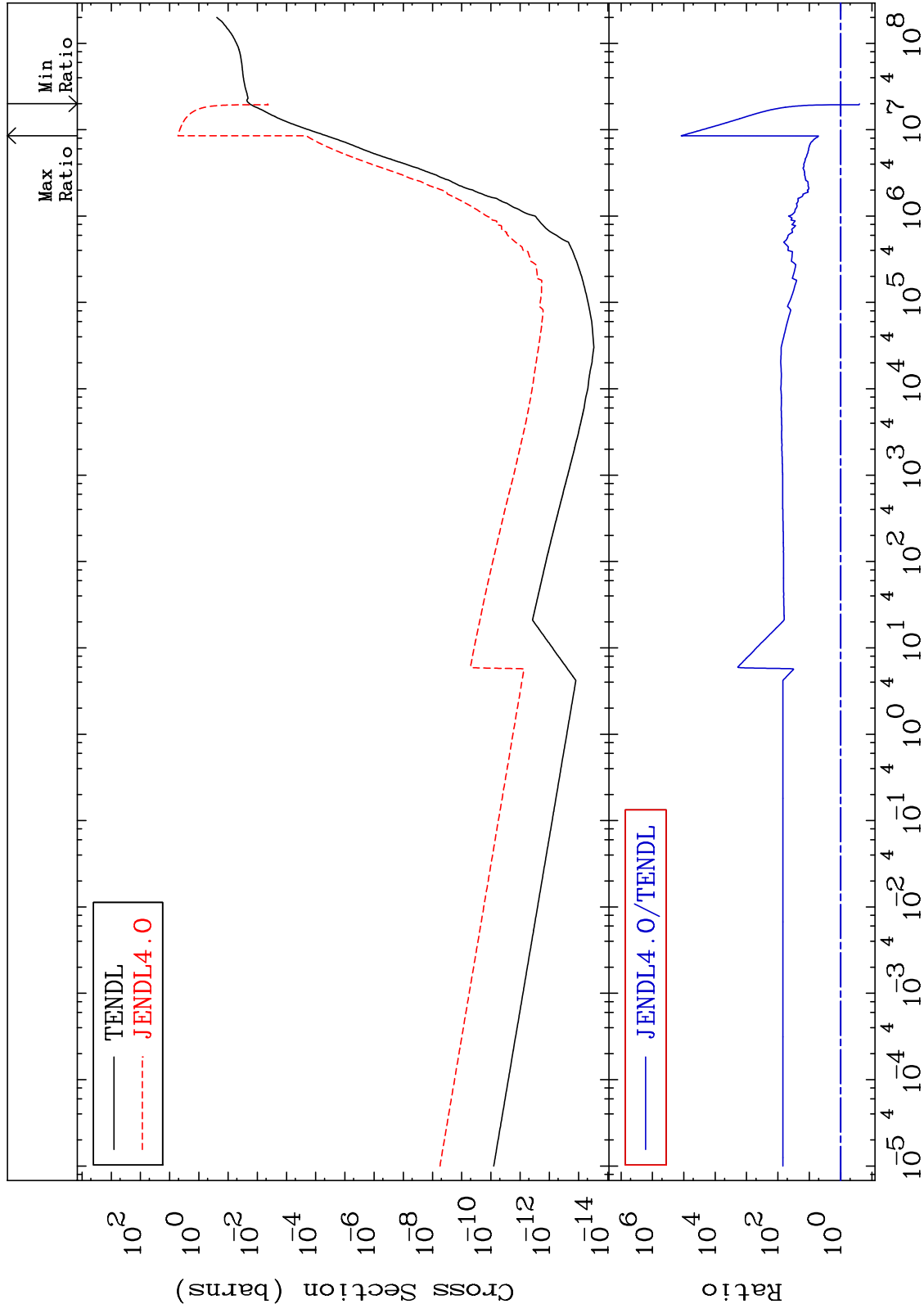
55-Cs-133
-100.0 To 9999. %



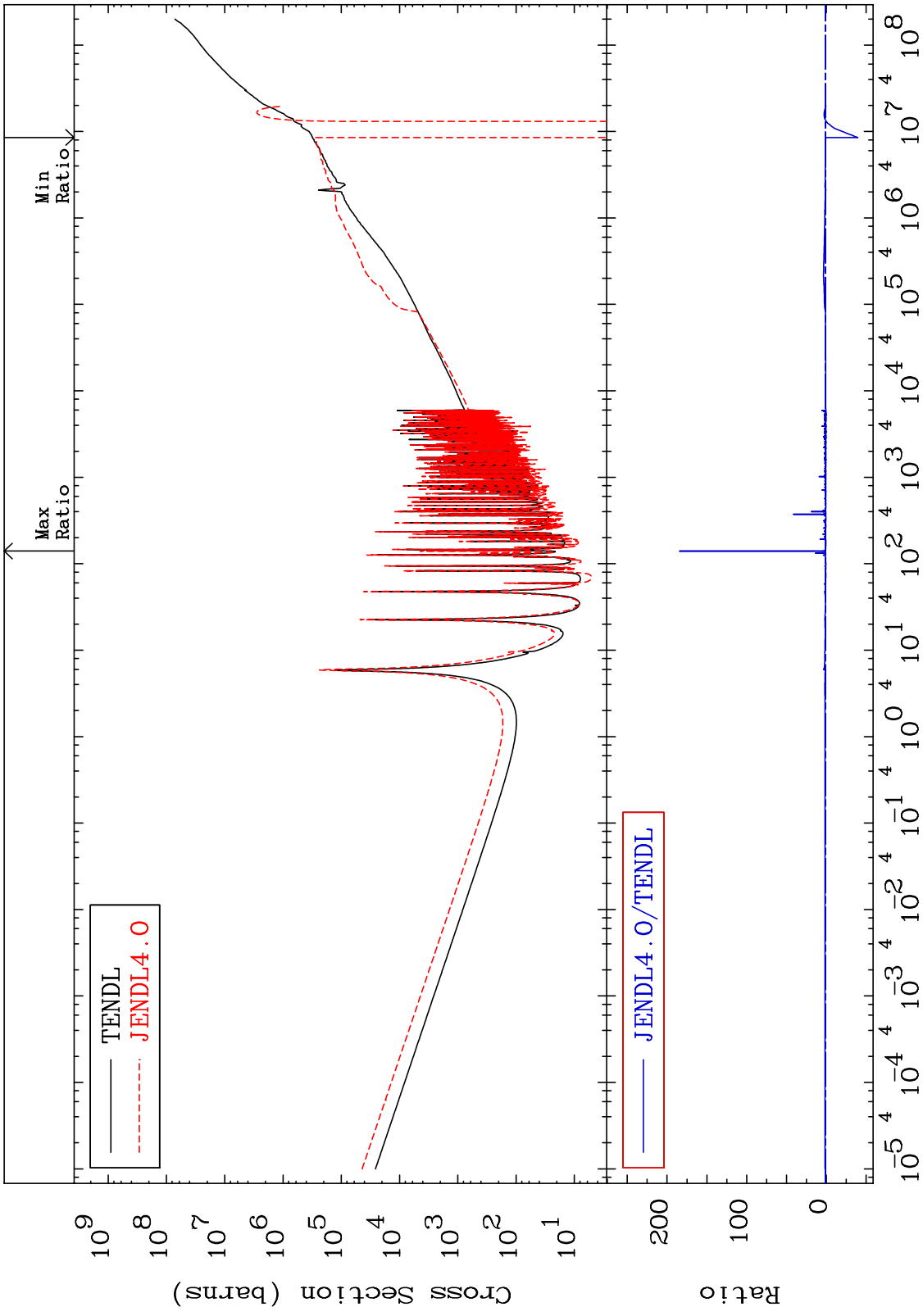
MAT 5525

He-4 Production
Cross Section

55-Cs-133
-75.43 To 9999. %



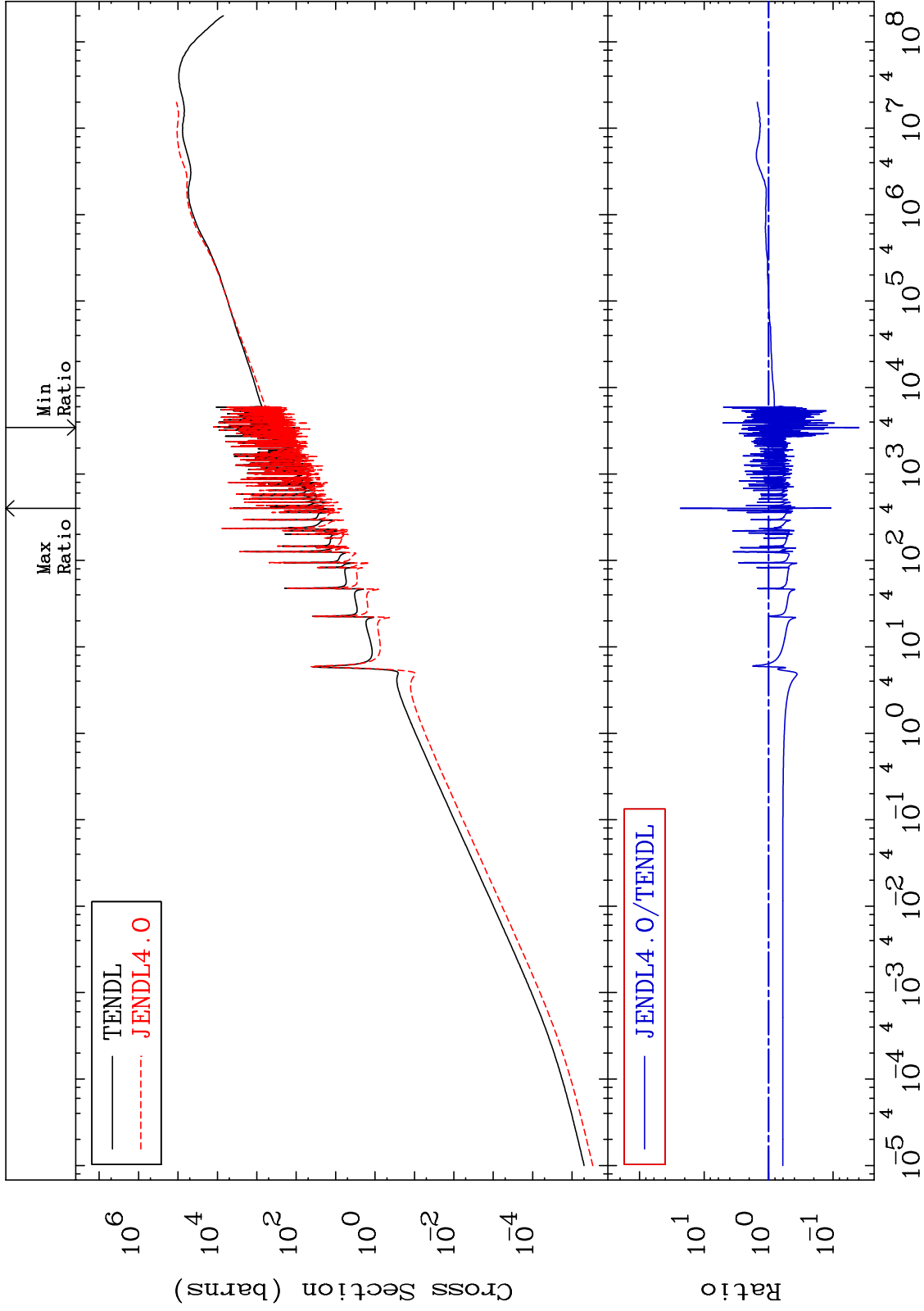
MAT 5525 Kerma total (eV-barns) 55-Cs-133
 Cross Section -4065. To 9999. %



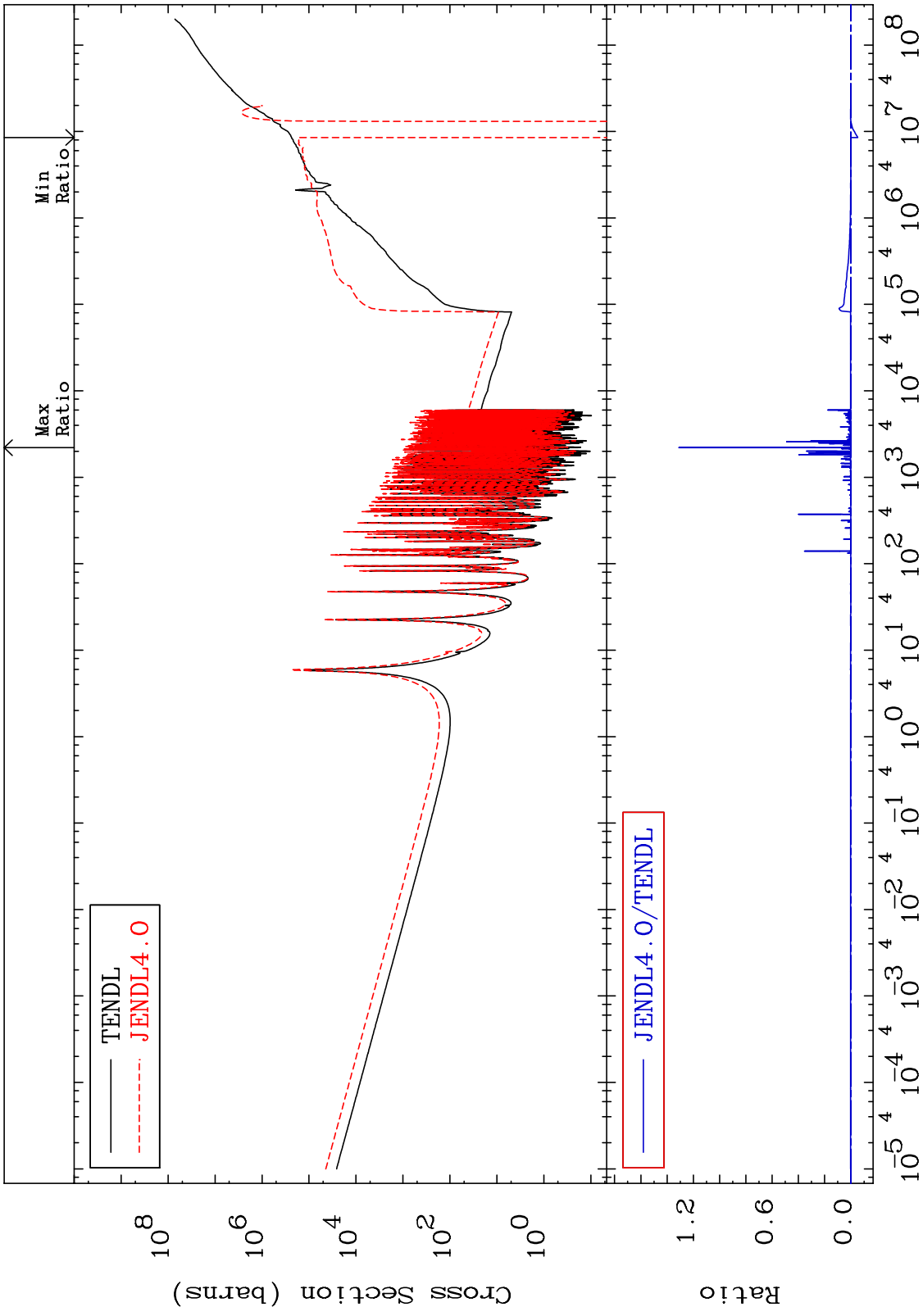
MAT 5525

Kerma elastic
Cross Section

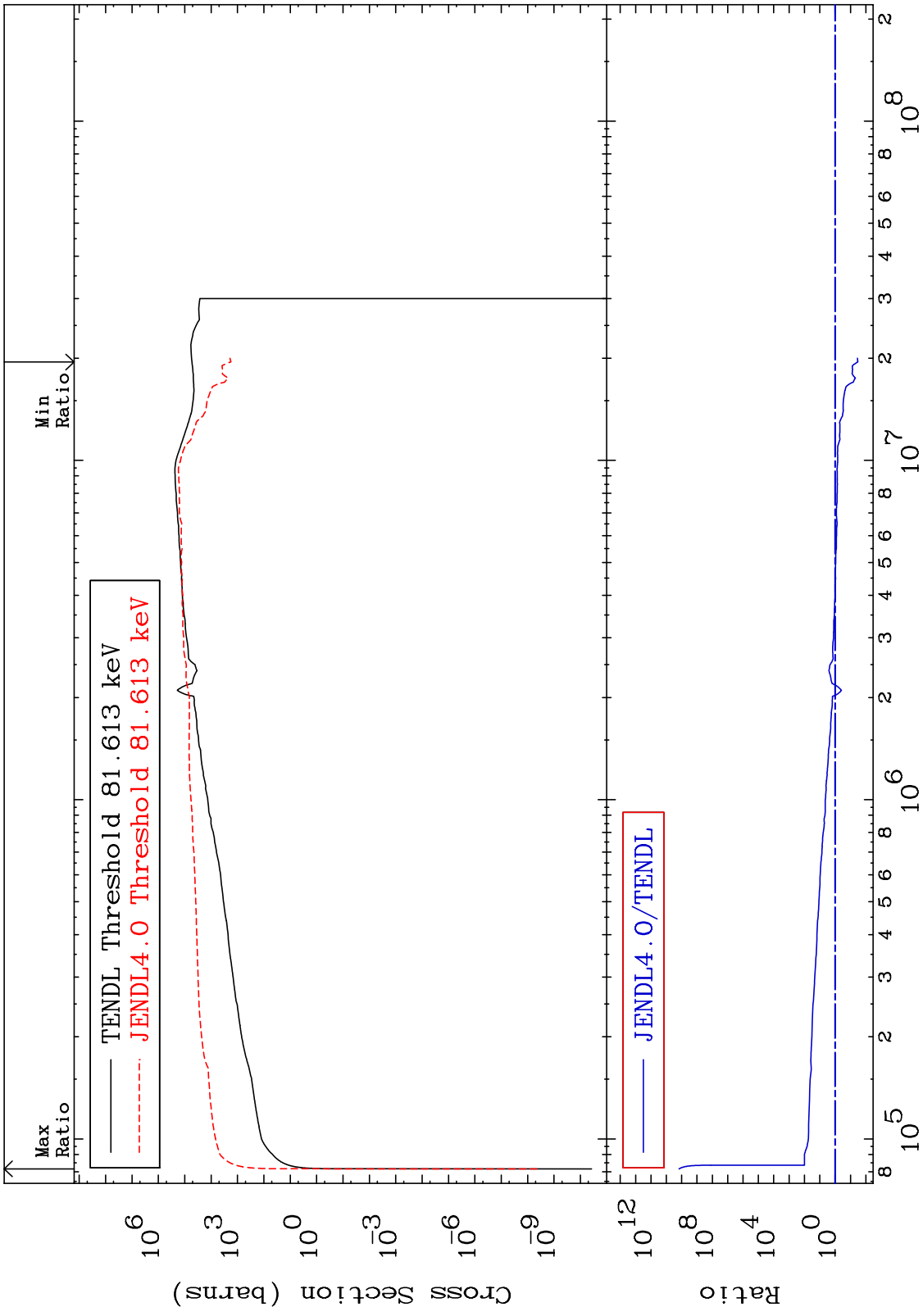
55-Cs-133
-96.01 To 2247. %



MAT 5525 Kerma non-elastic (all but mt2) 55-Cs-133
Cross Section -5387. To 9999. %



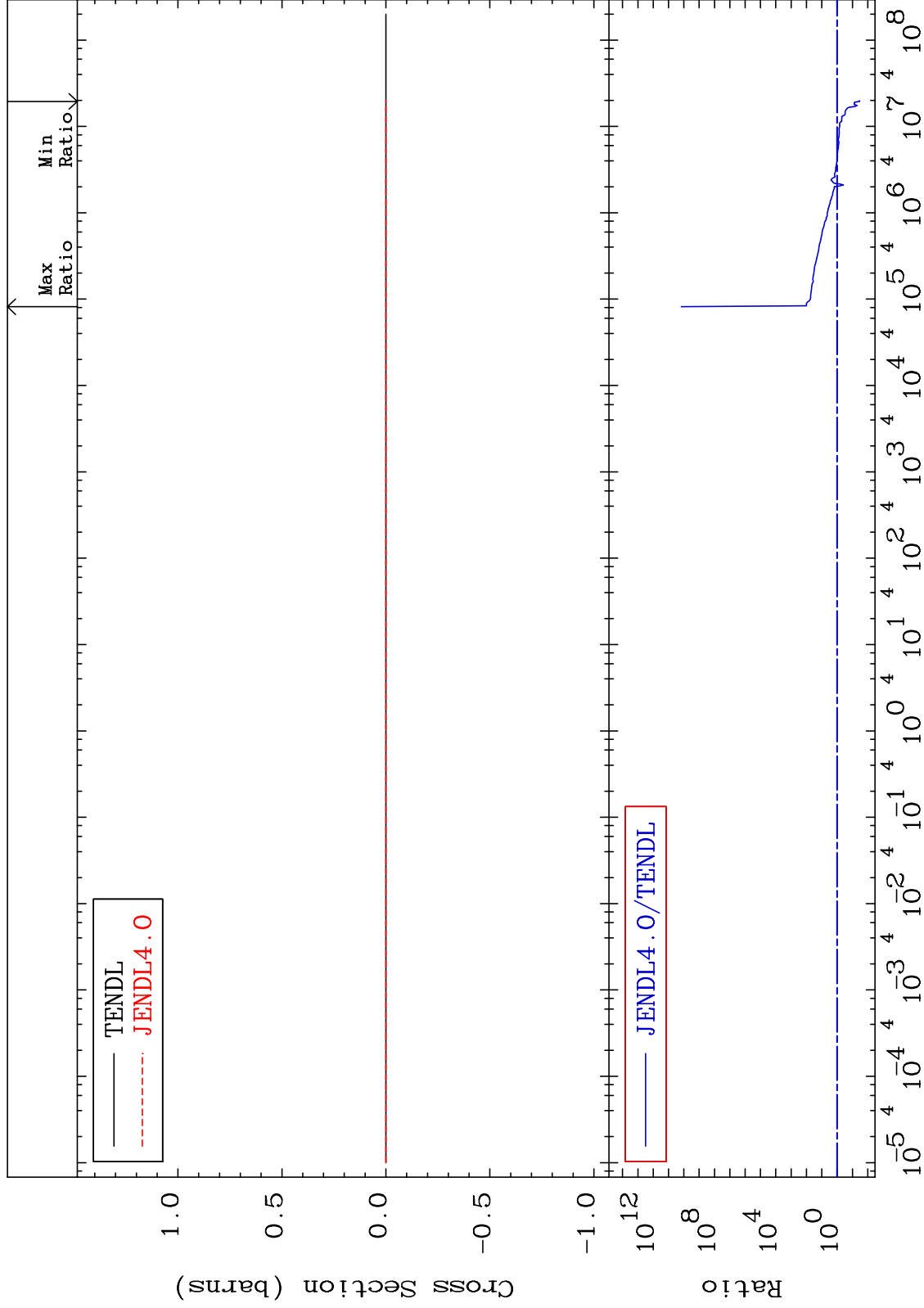
MAT 5525 Kerma inelastic (mt51-91) 55-Cs-133
 Cross Section -96.69 To 9999. %



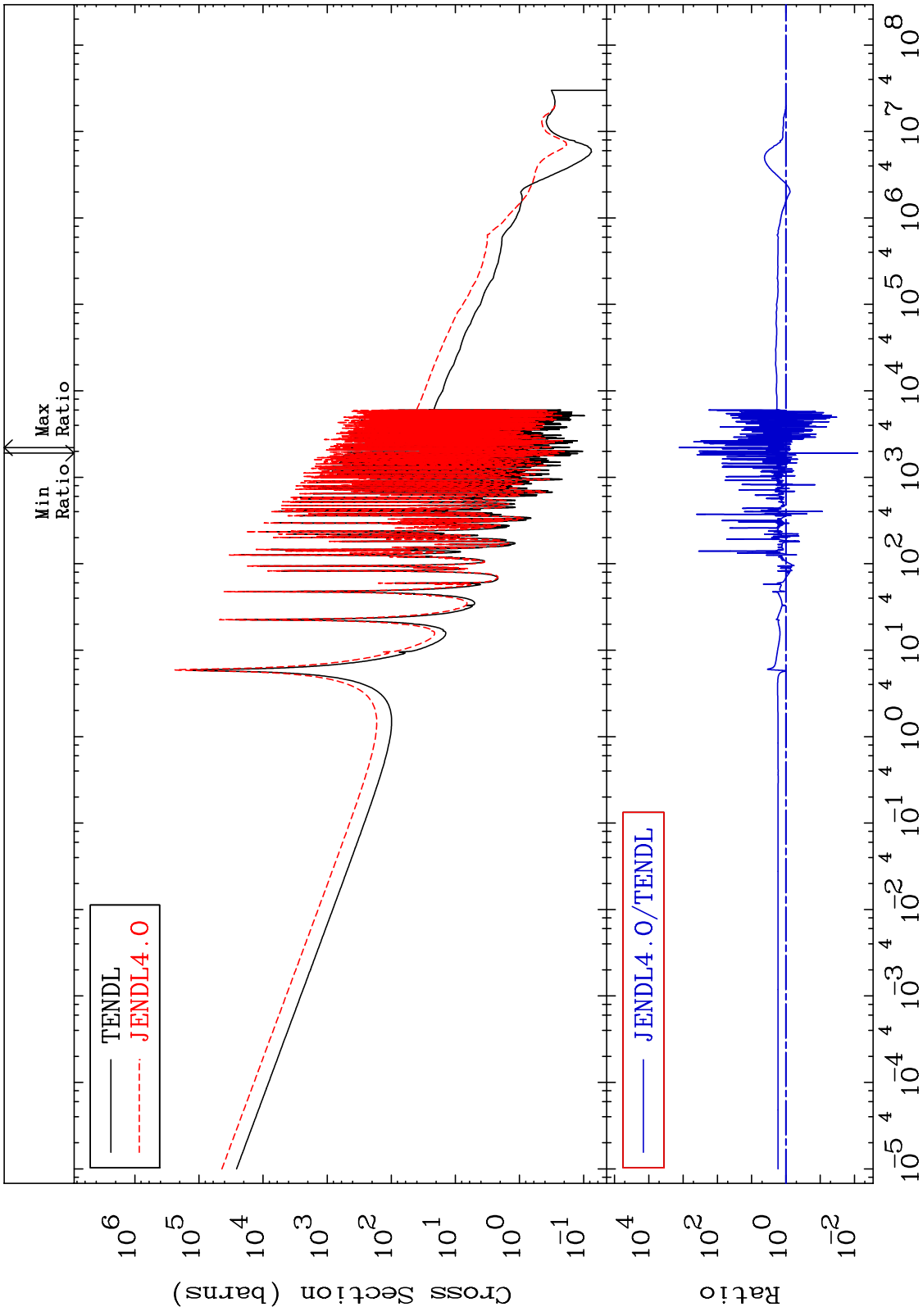
MAT 5525

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

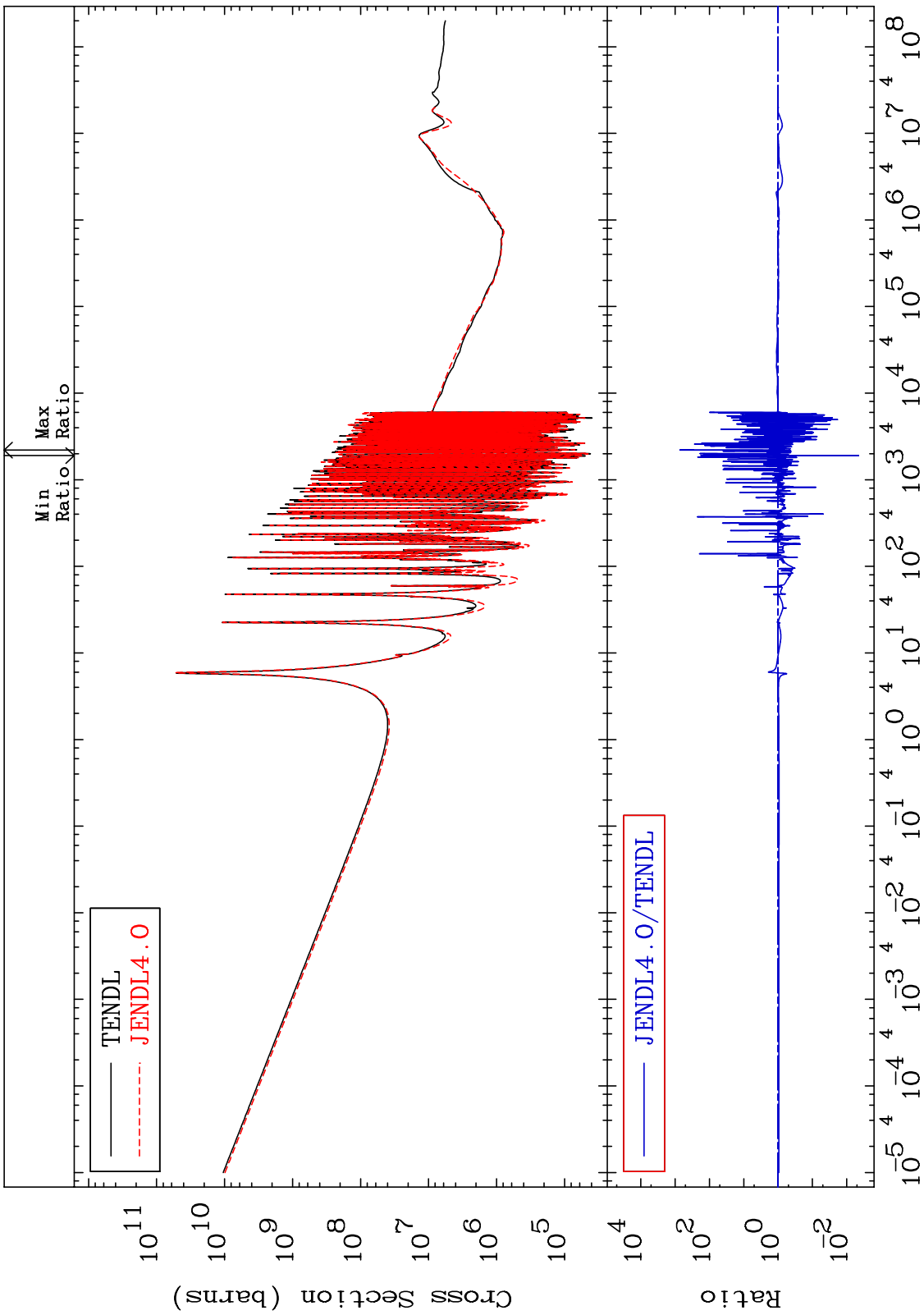
55-Cs-133
-96.69 To 9999. %



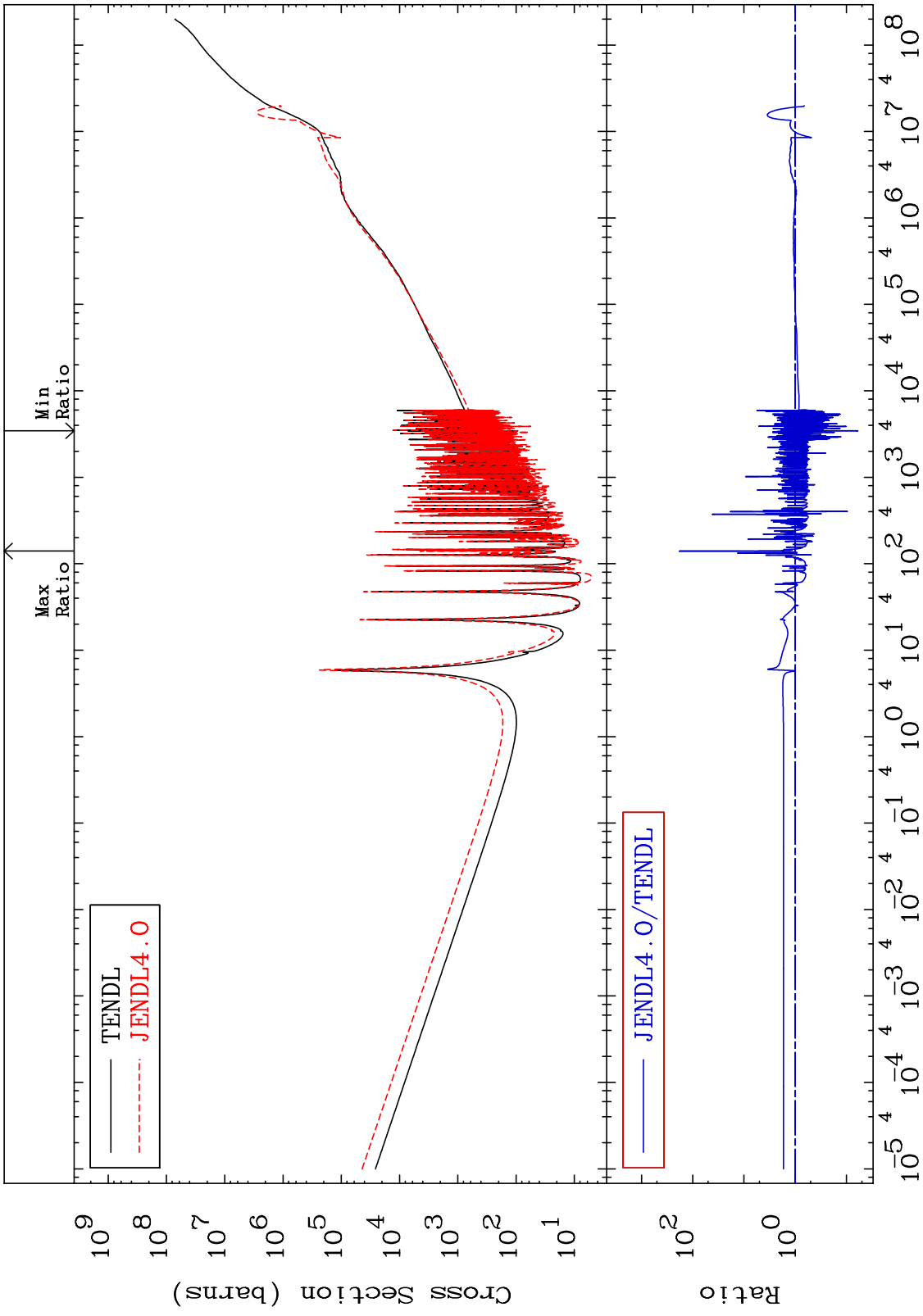
MAT 5525 Kerma capture (mt102) 55-Cs-133
 Cross Section -99.20 To 9999. %



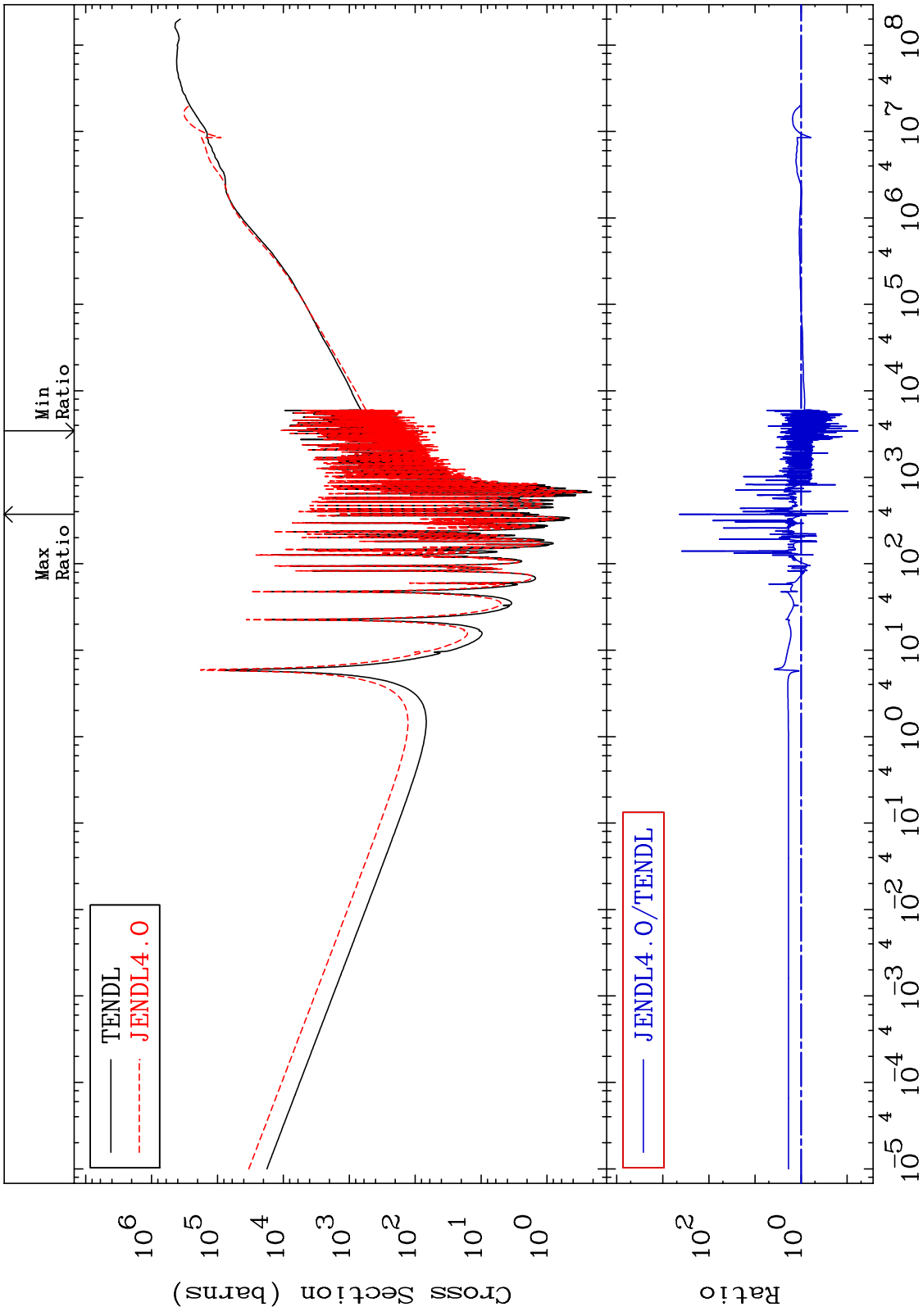
MAT 5525 55-Cs-133 -99.55 To 9999. %
 Total photon (eV-barns)
 Cross Section



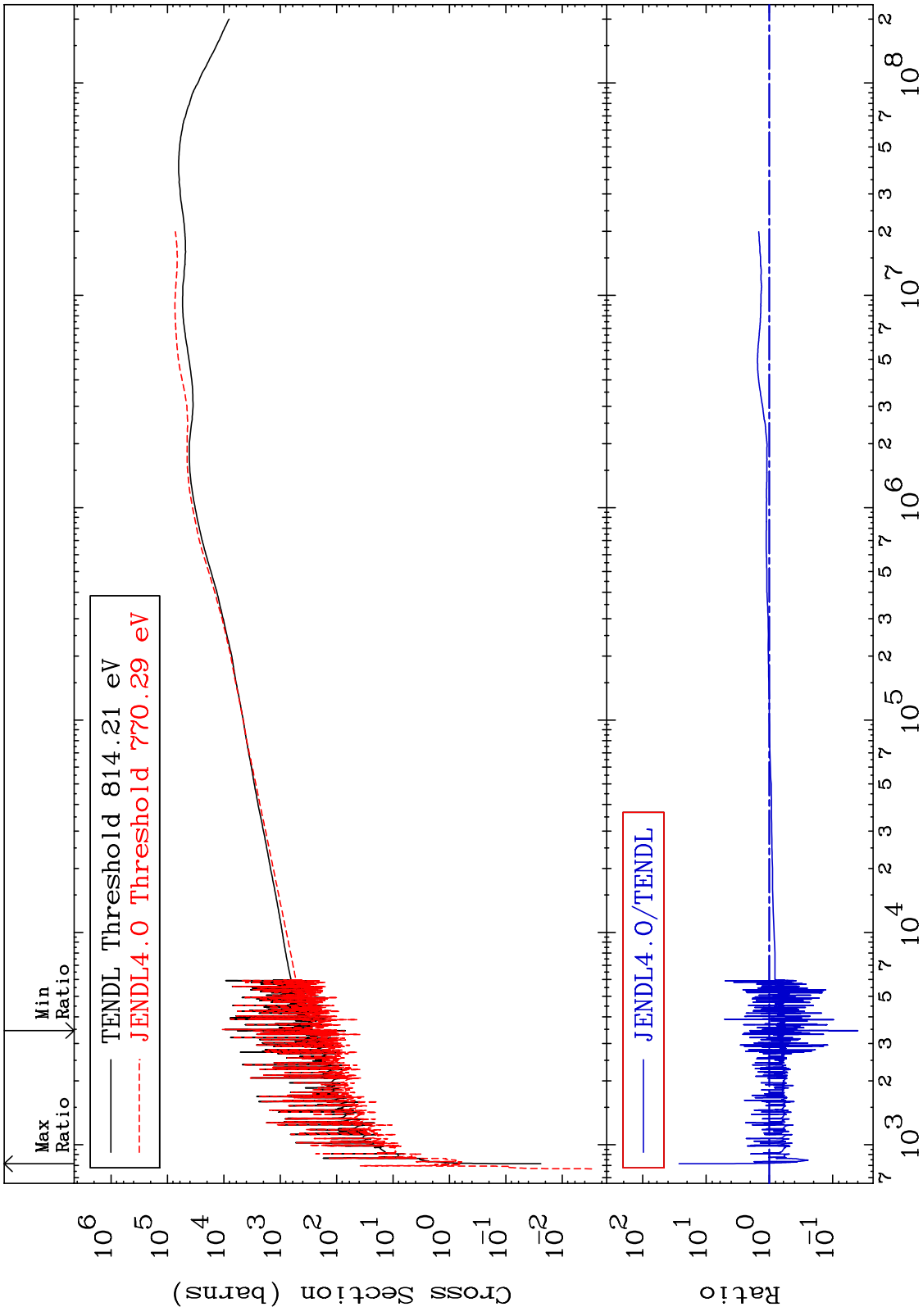
MAT 5525 Total kinematic kerma (high limit) 55-Cs-133
Cross Section -94.01 To 9999. %



MAT 5525 Dpa total (eV-barns) 55-Cs-133
 -94.13 To 9999. %
 Cross Section



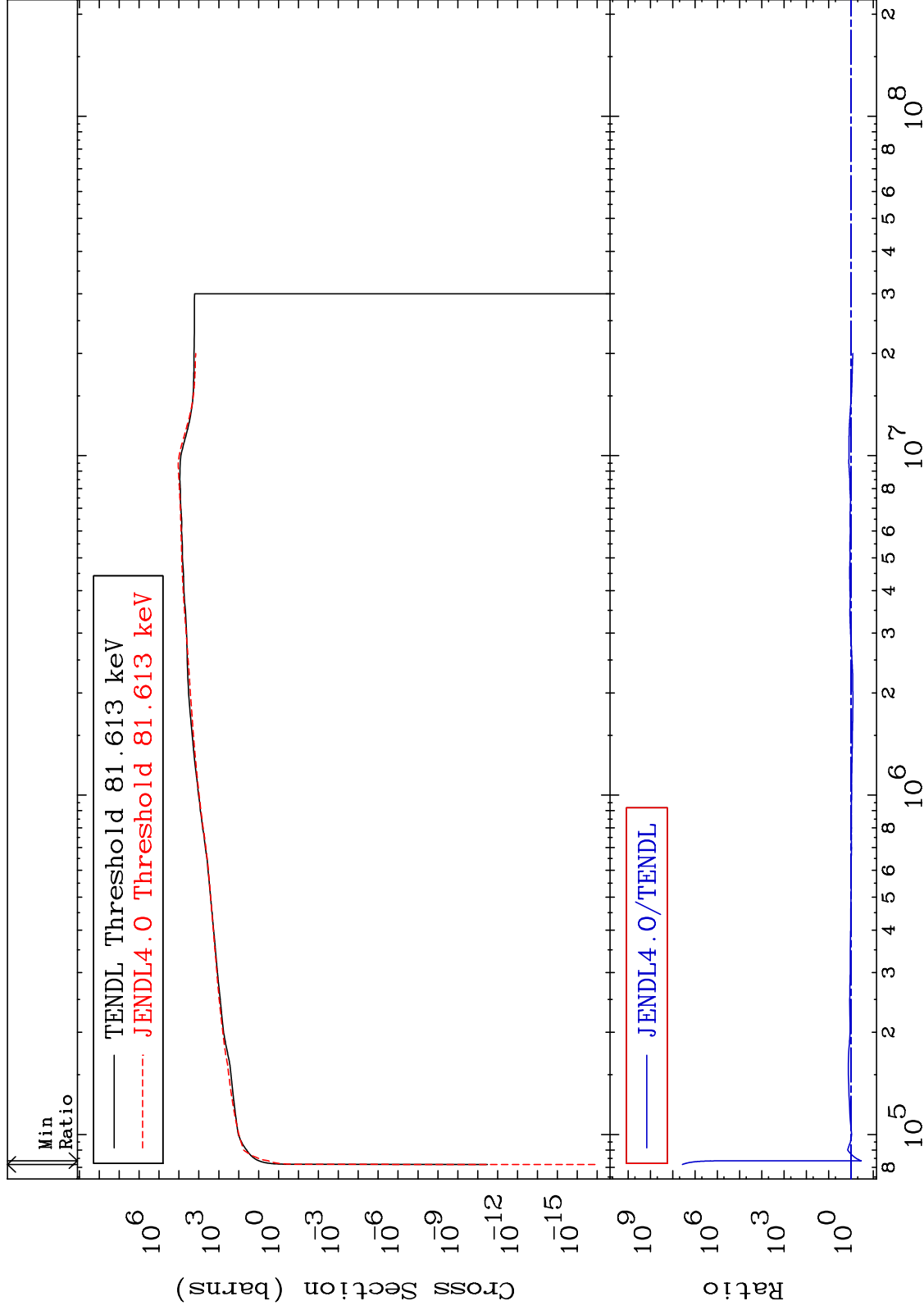
MAT 5525 Dpa elastic (mt2) 55-Cs-133
Cross Section -96.00 To 2571. %



MAT 5525

Dpa inelastic (mt51-91)
Cross Section

55-Cs-133
-65.70 To 9999. %



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Incident Energy (eV)

55-Cs-133

MAT 5525 Dpa disappearance (mt102 -120) 55-Cs-133
 Cross Section -99.11 To 9999. %

