

Program Complot
(Version 2018-1)

by

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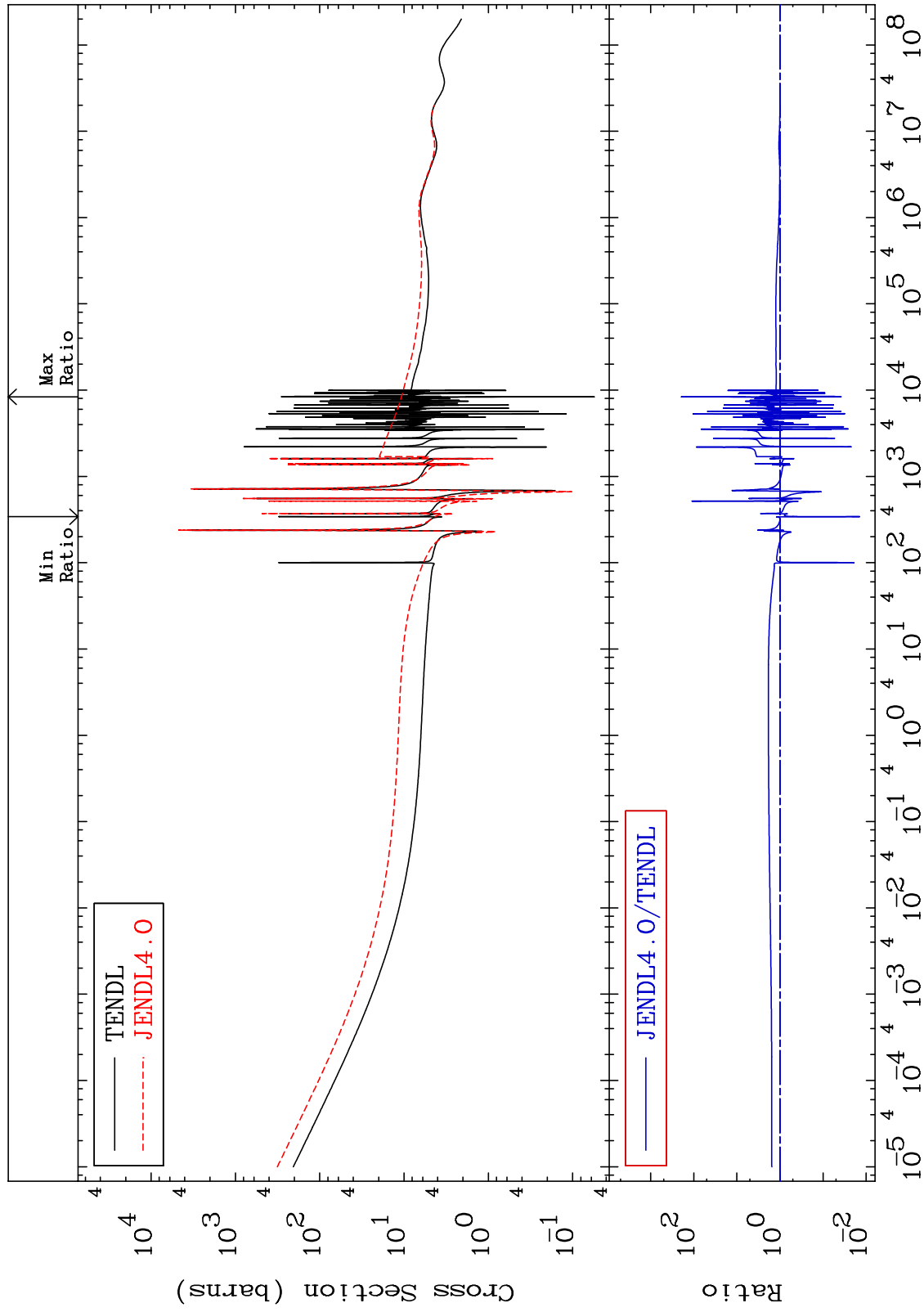
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5437

Total
Cross Section

54-Xe-128
-98.60 To 9999. %



1

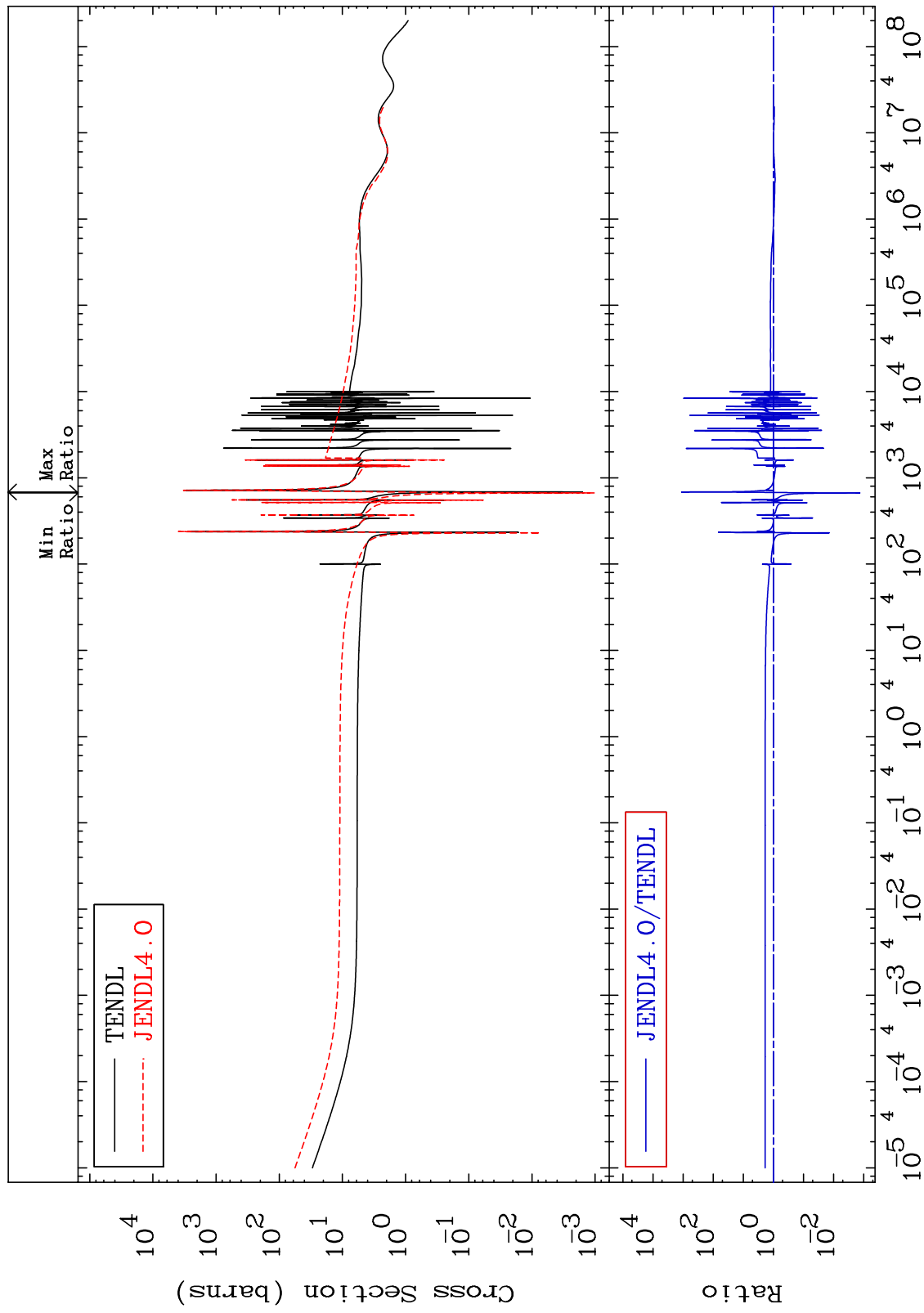
Incident Energy (eV)

54-Xe-128

MAT 5437

Elastic
Cross Section

54-Xe-128
-99.86 To 9999. %

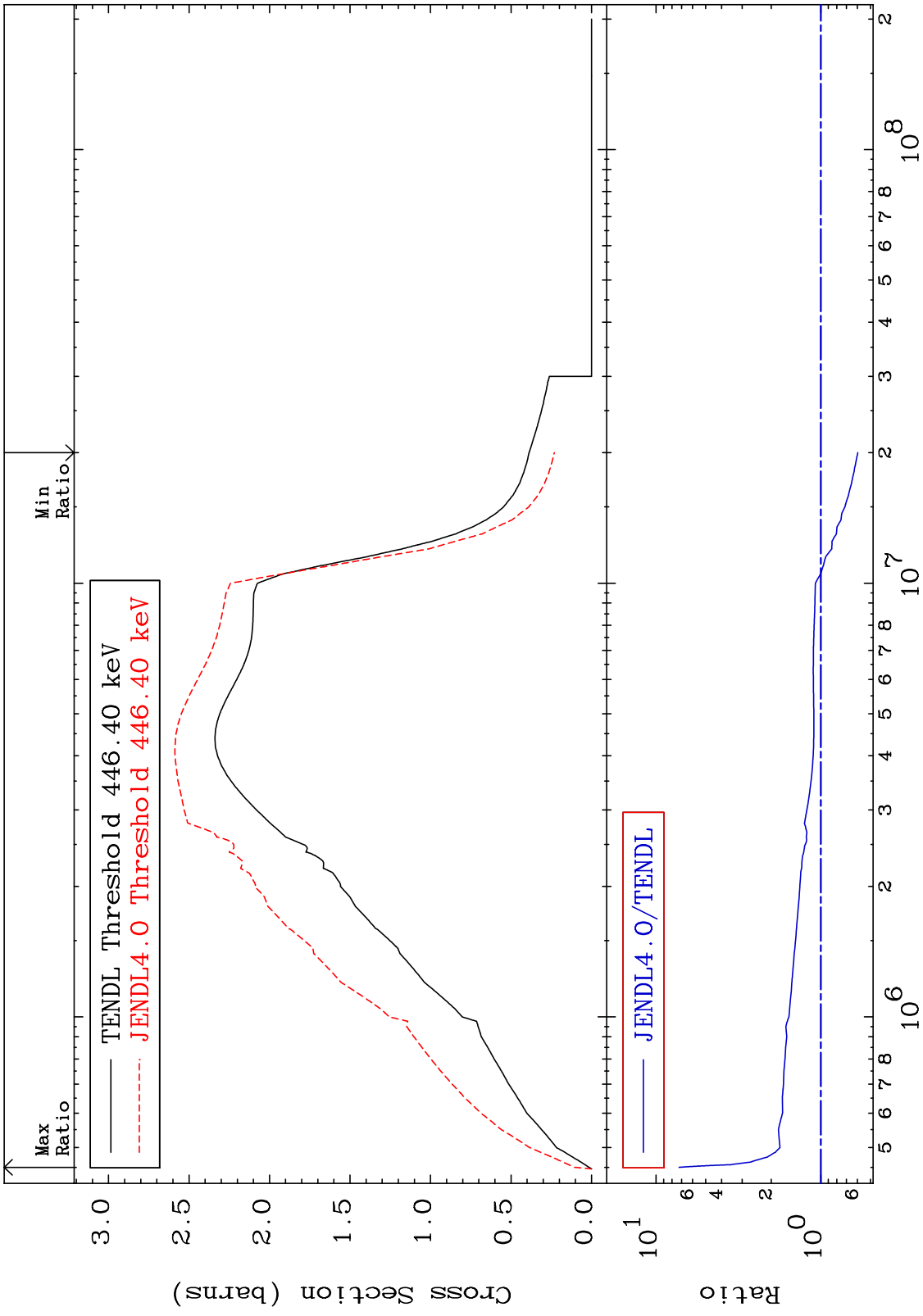


2

Incident Energy (eV)

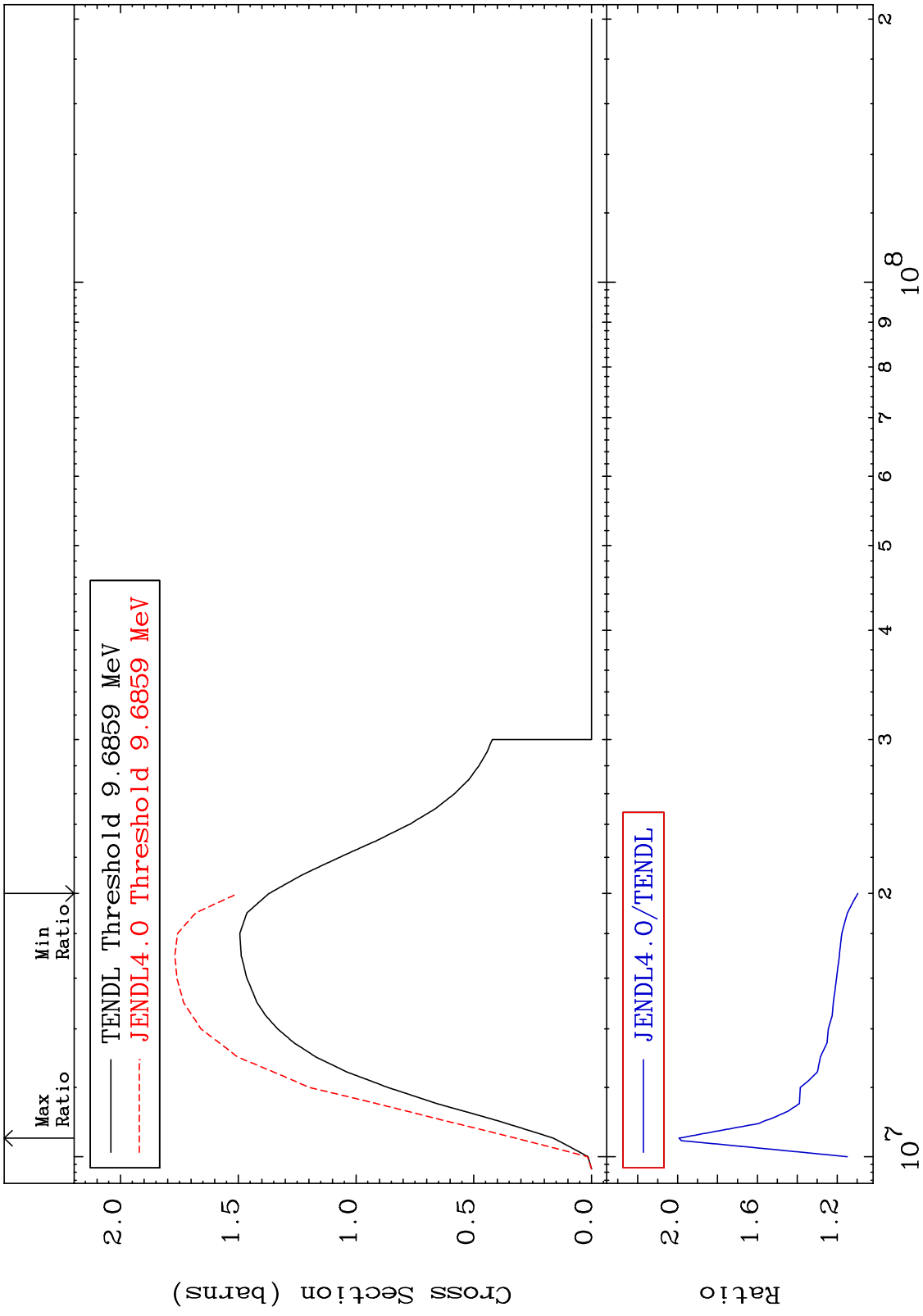
54-Xe-128

MAT 5437 Inelastic Cross Section 54-Xe-128 -40.38 To 625.2 %



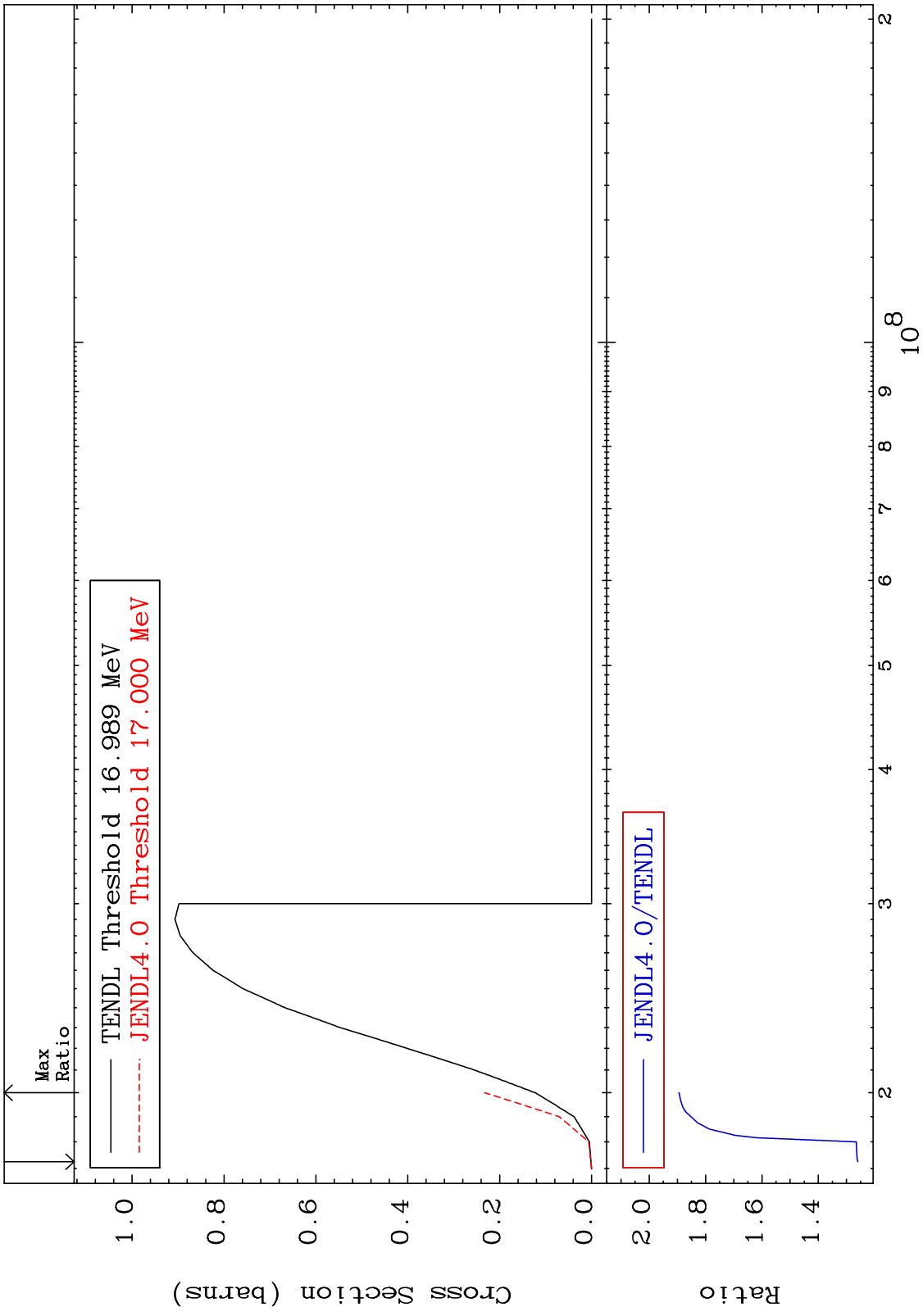
3 54-Xe-128

MAT 5437 (n,2n) Cross Section 54-Xe-128 To 99.30 %



Incident Energy (eV) 54-Xe-128

MAT 5437 (n,3n) Cross Section 54-Xe-128 To 89.41 % 25.98



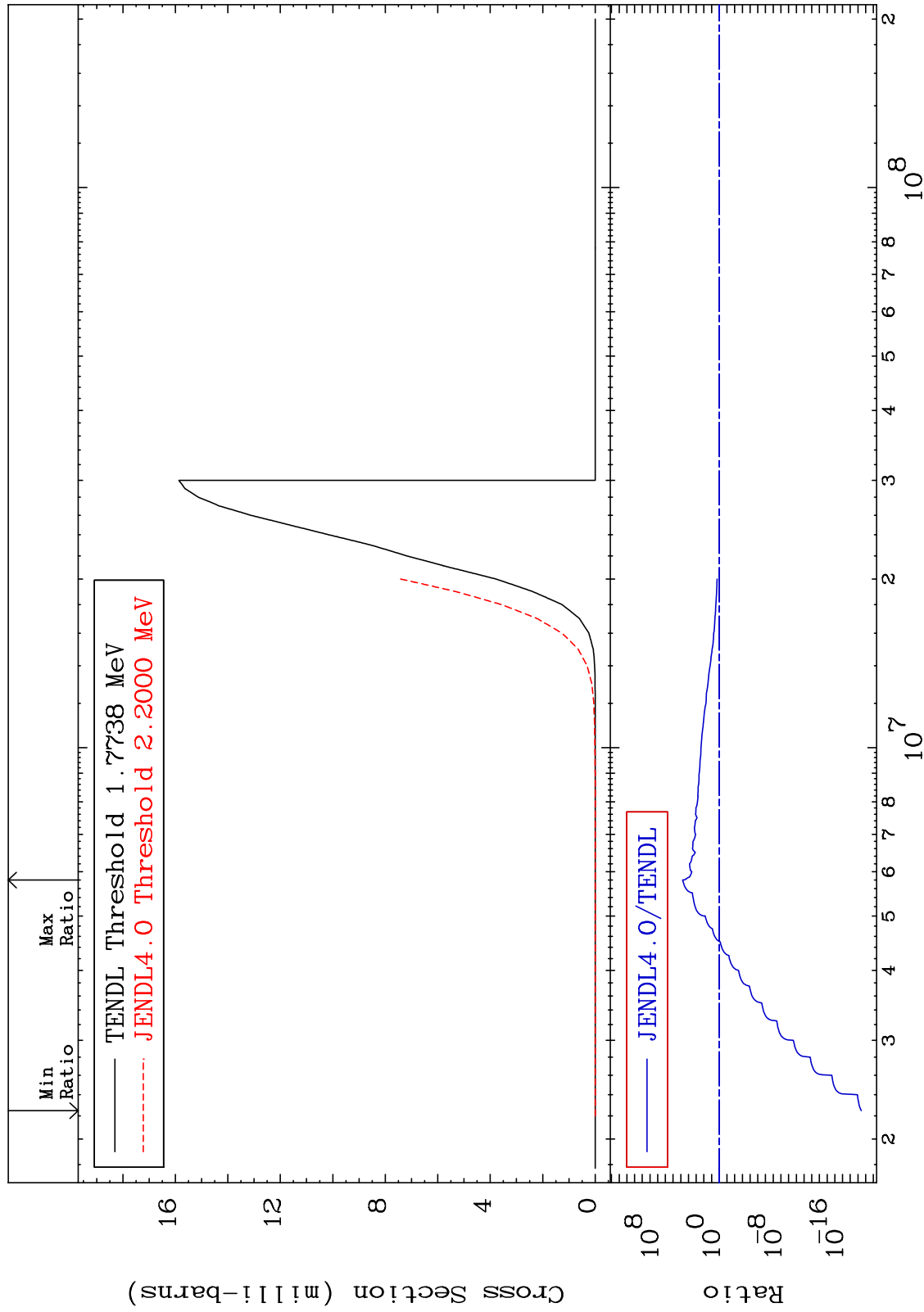
MAT 5437

(n,n') α

54-Xe-128

-100.0 To 9999. %

Cross Section

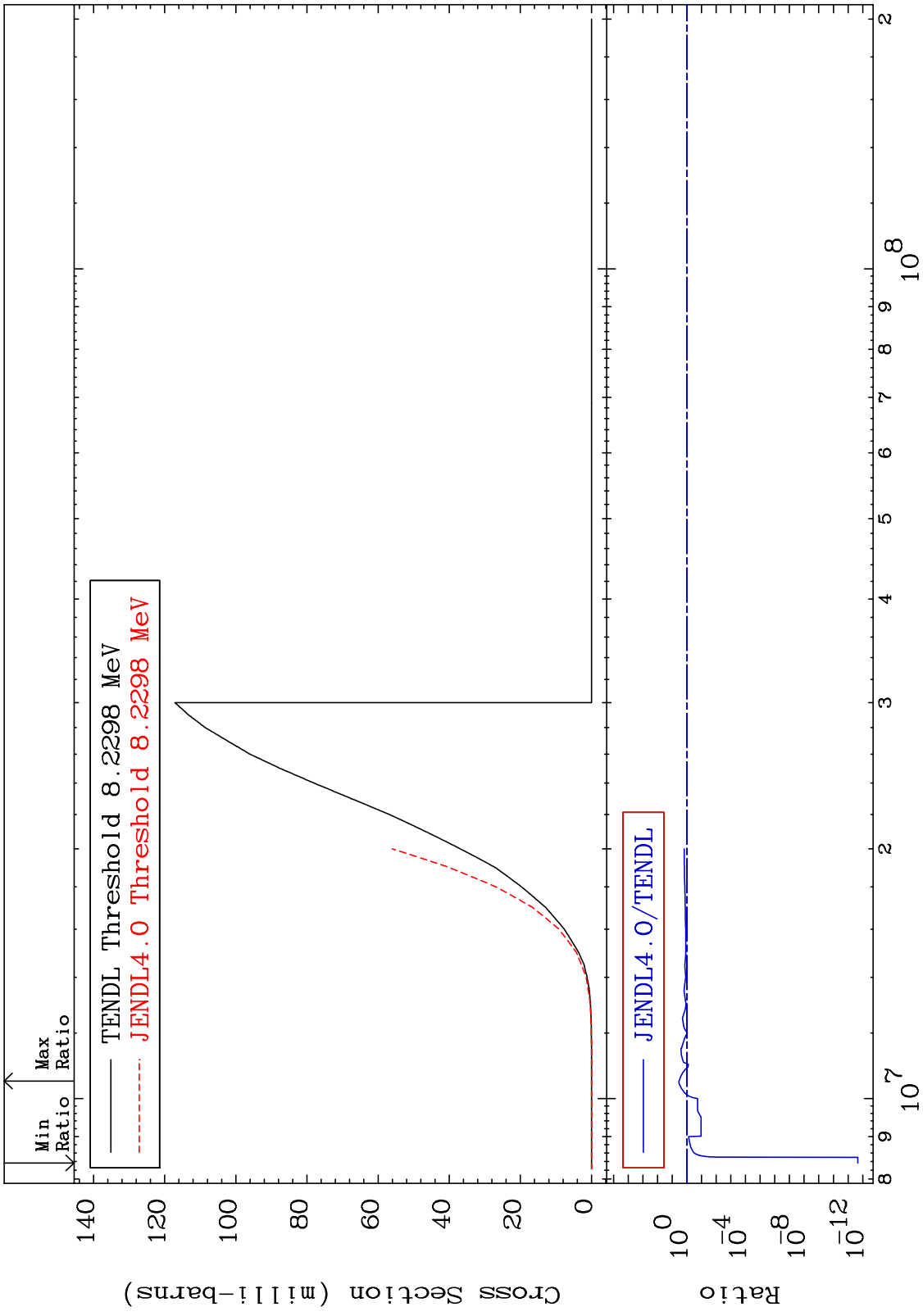


6

Incident Energy (eV)

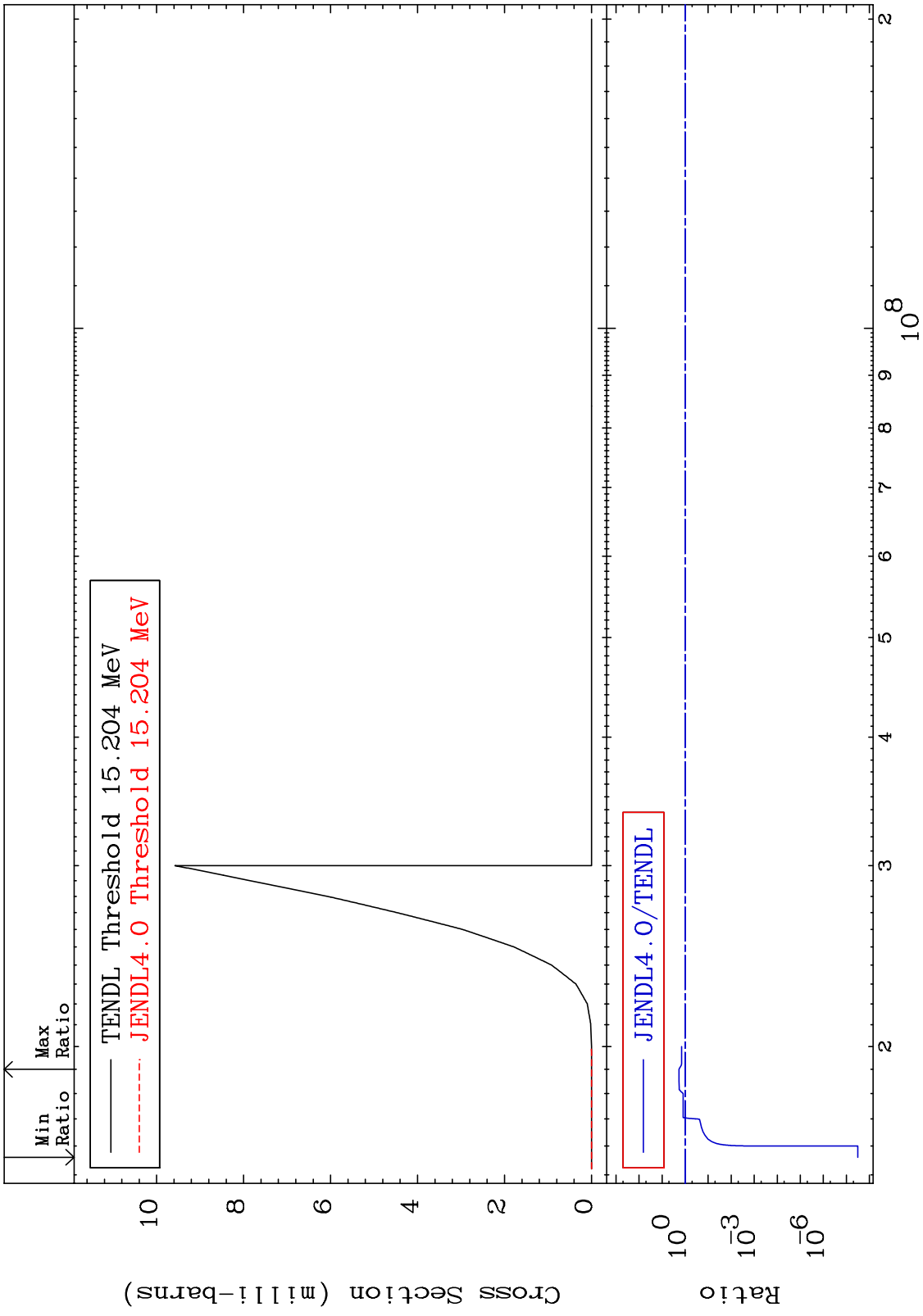
54-Xe-128

MAT 5437 (n,n') p 54-Xe-128
 Cross Section -100.0 To 239.5 %

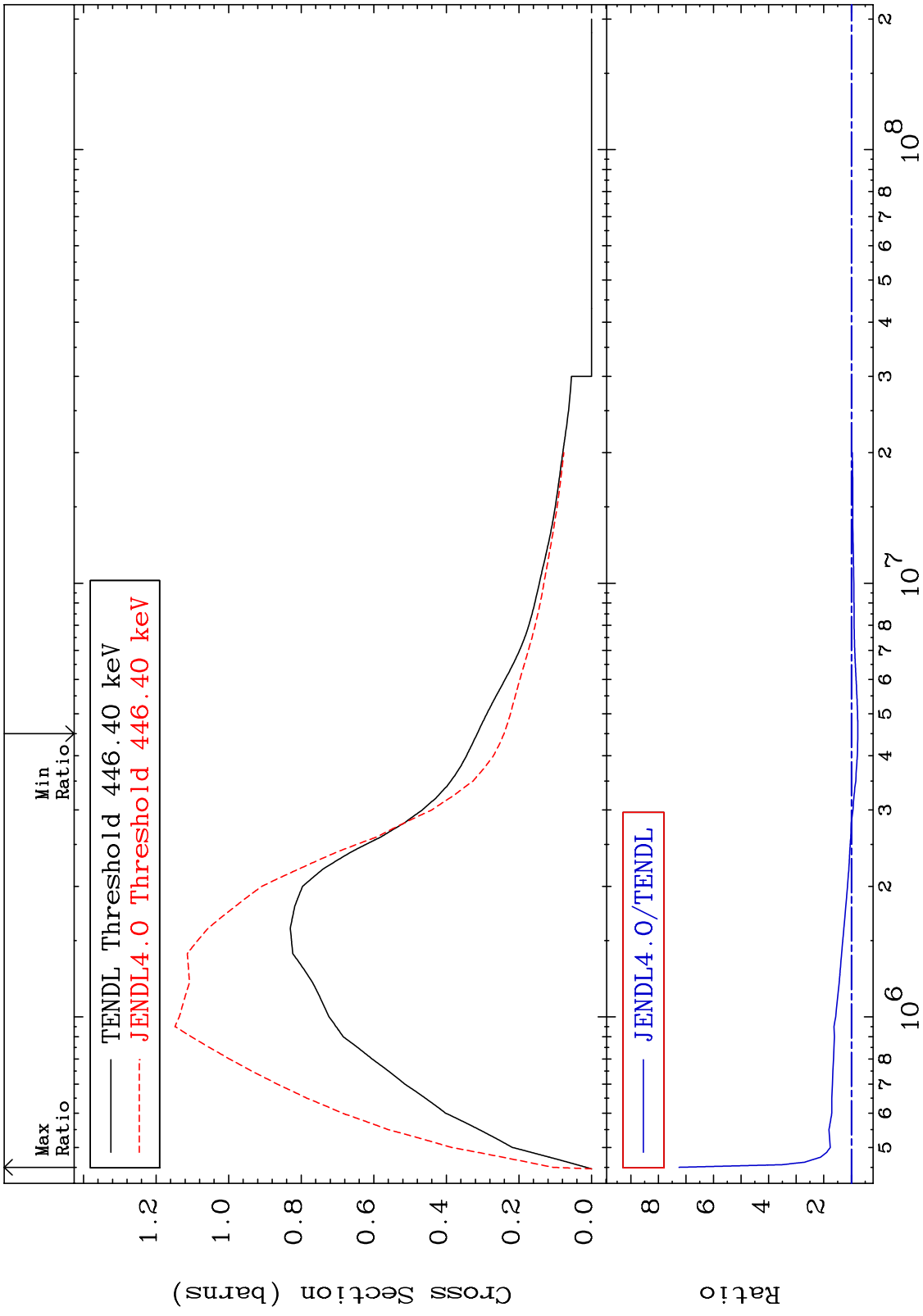


7 Incident Energy (eV) 54-Xe-128

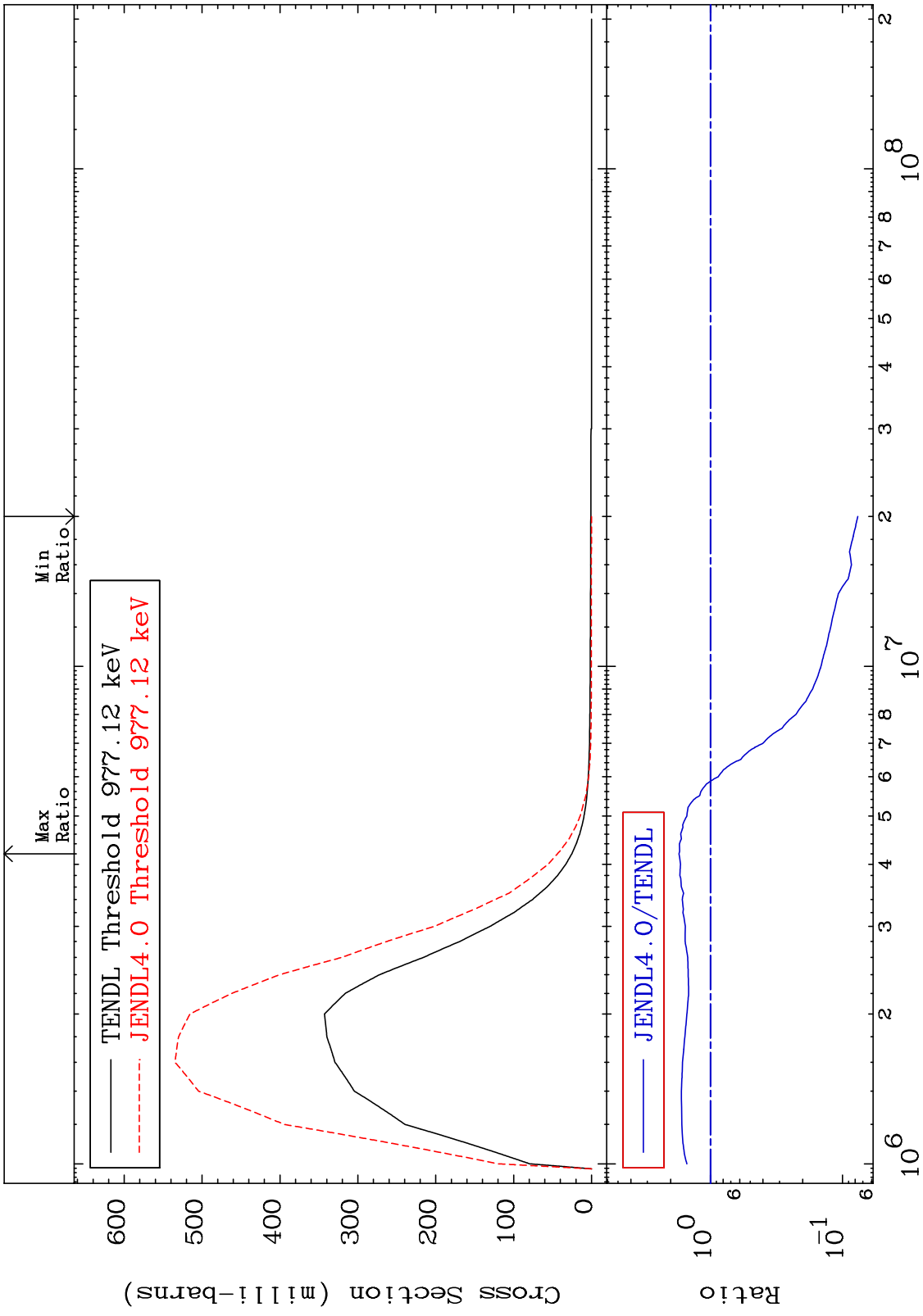
MAT 5437 (n,n') d 54-Xe-128
 Cross Section -100.0 To 83.59 %



MAT 5437 MT= 51 (n,n') Level Cross Section 54-Xe-128 -23.53 To 625.2 %

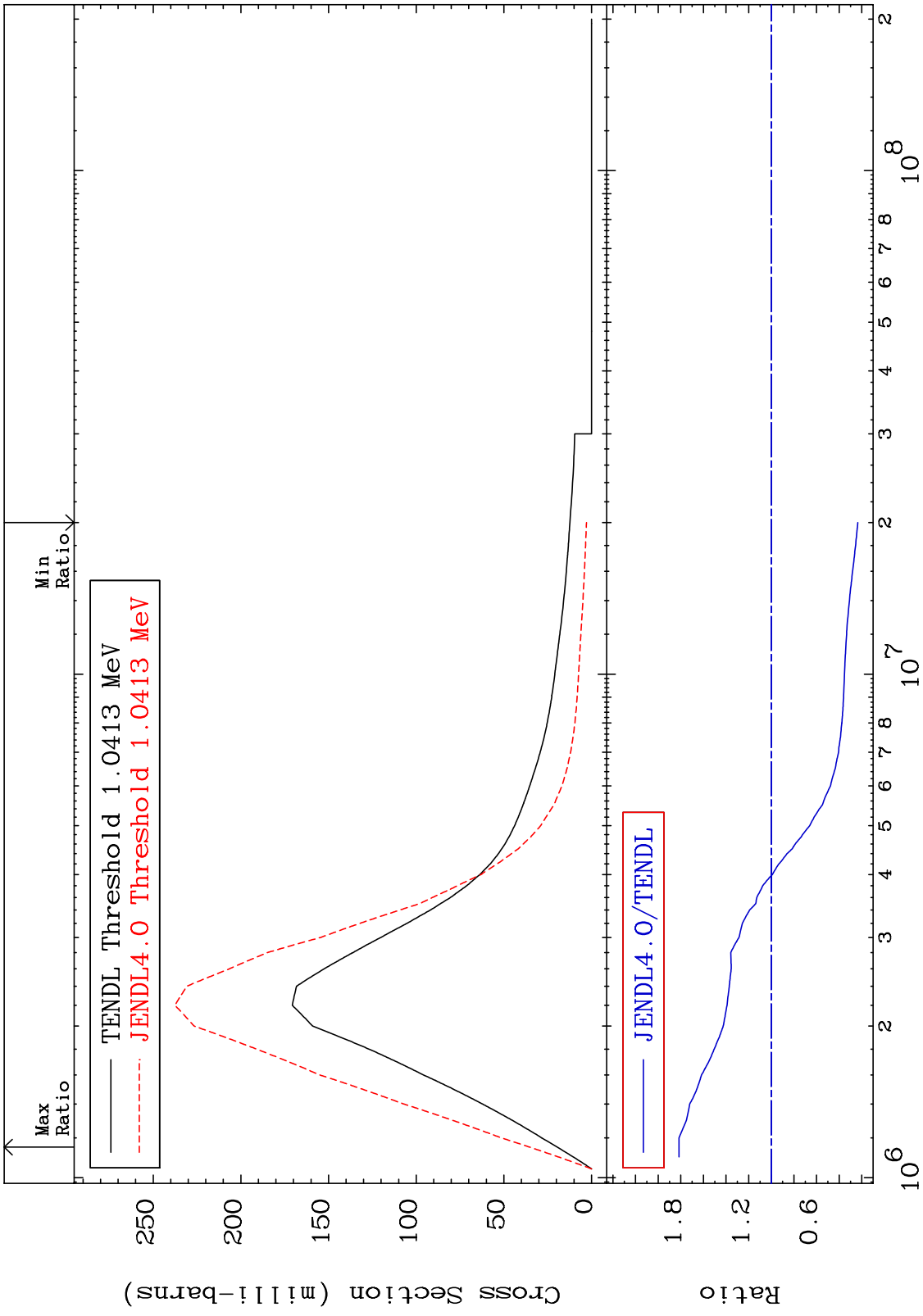


MAT 5437 MT= 52 (n,n') Level Cross Section 54-Xe-128 -92.35 To 72.65 %

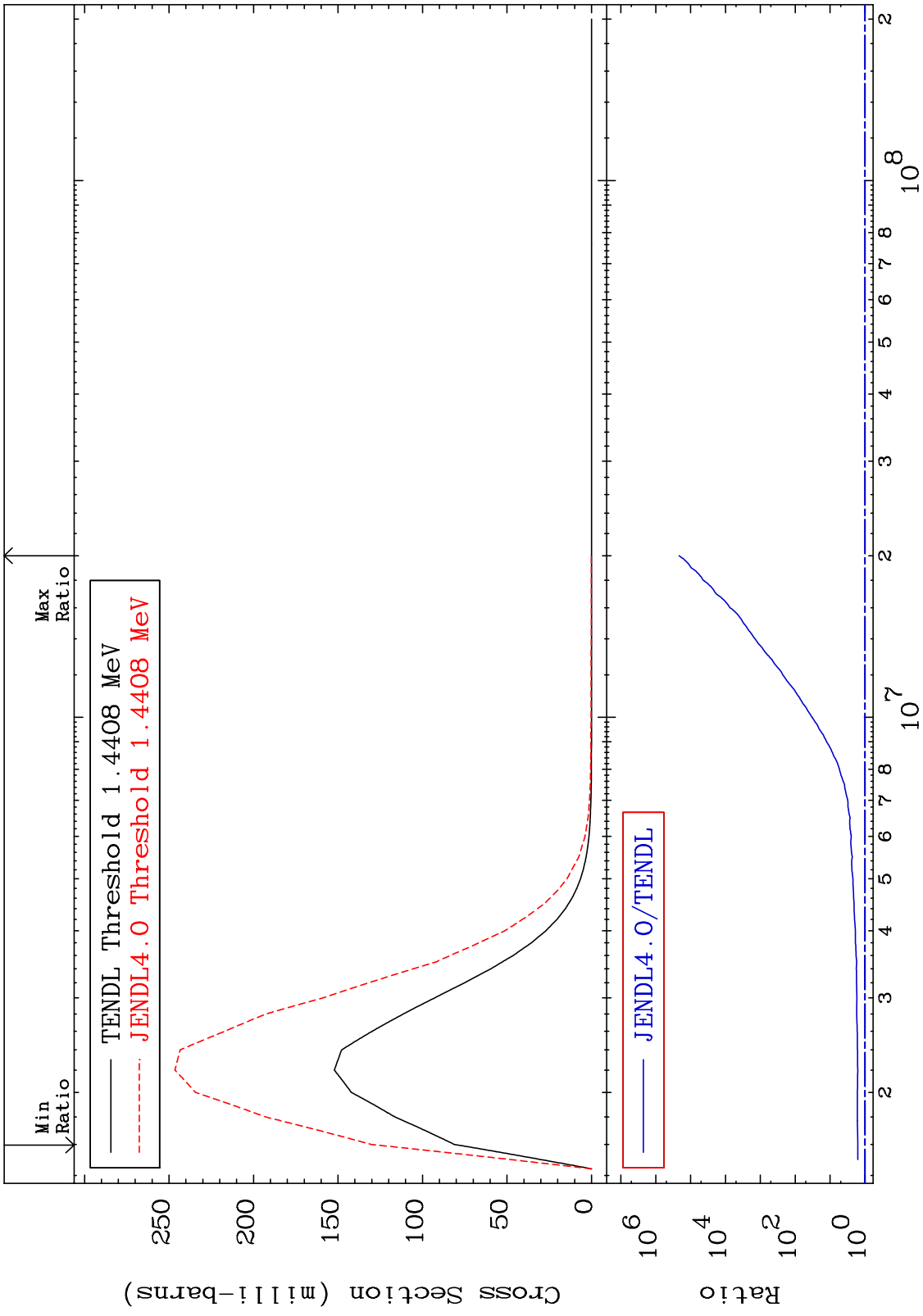


Incident Energy (eV) 54-Xe-128

MAT 5437 MT= 53 (n, n') Level Cross Section 54-Xe-128
 -76.48 To 81.56 %



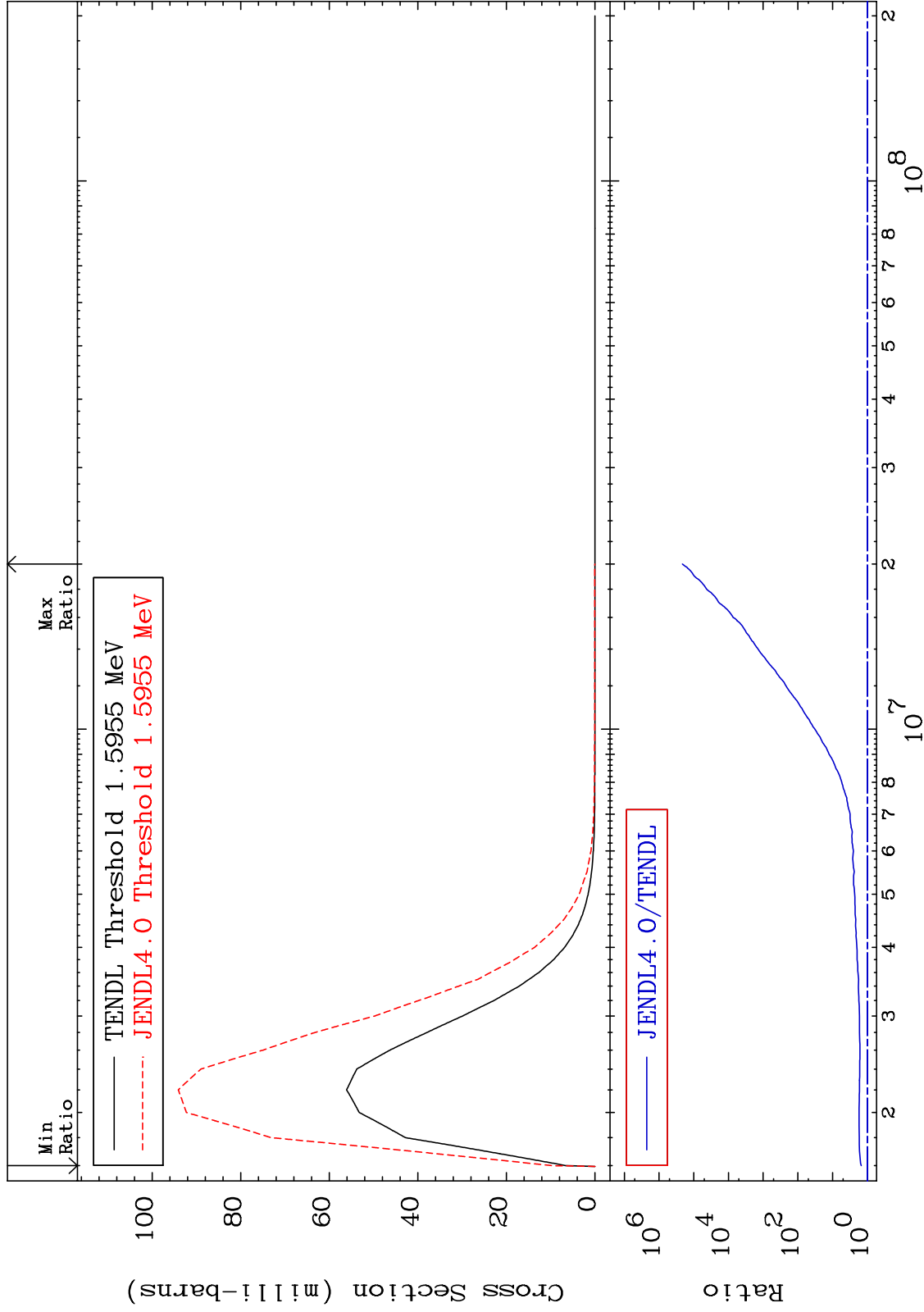
MAT 5437 MT= 54 (n,n') Level Cross Section 54-Xe-128 To 9999. %
 60.62



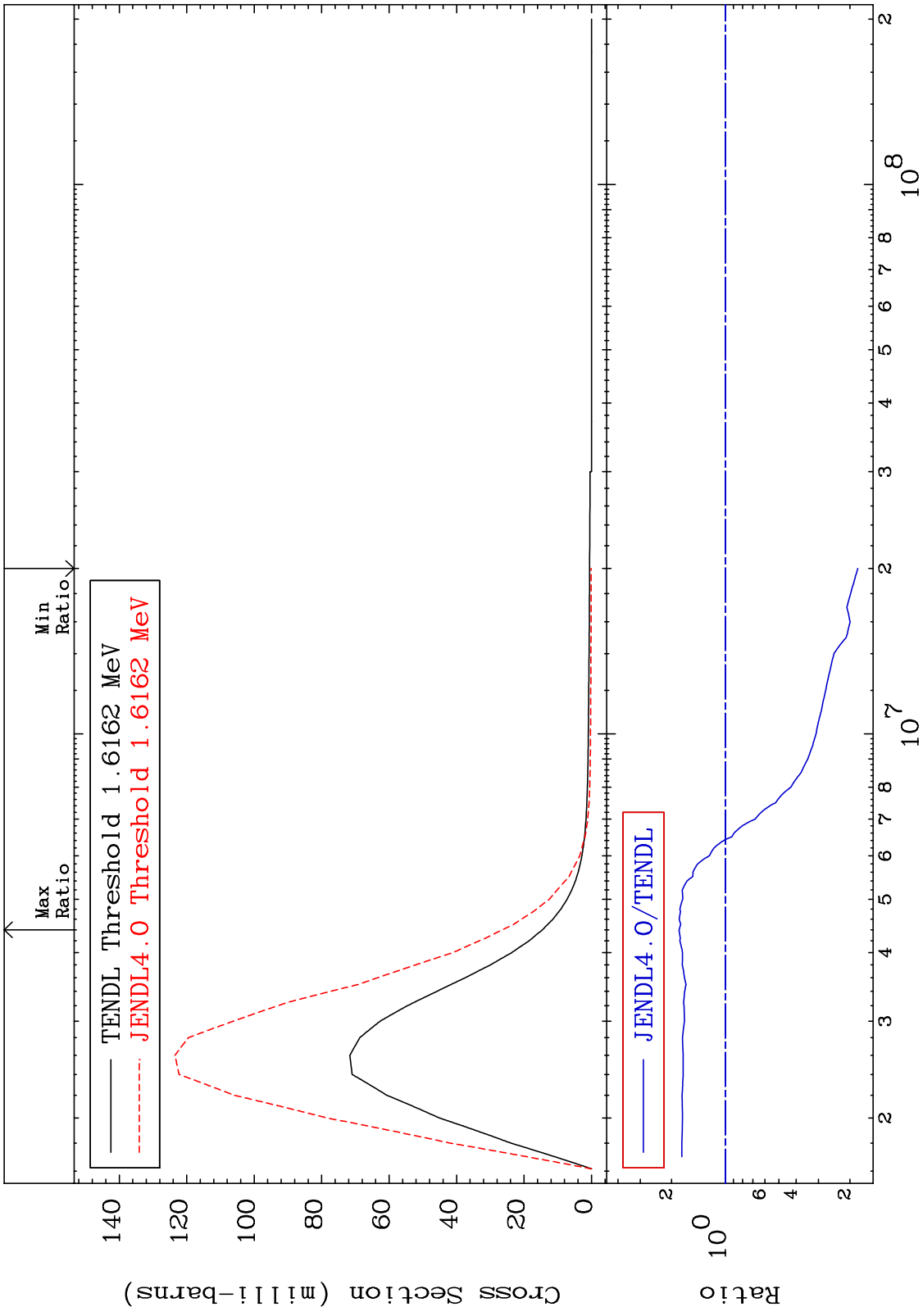
MAT 5437

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

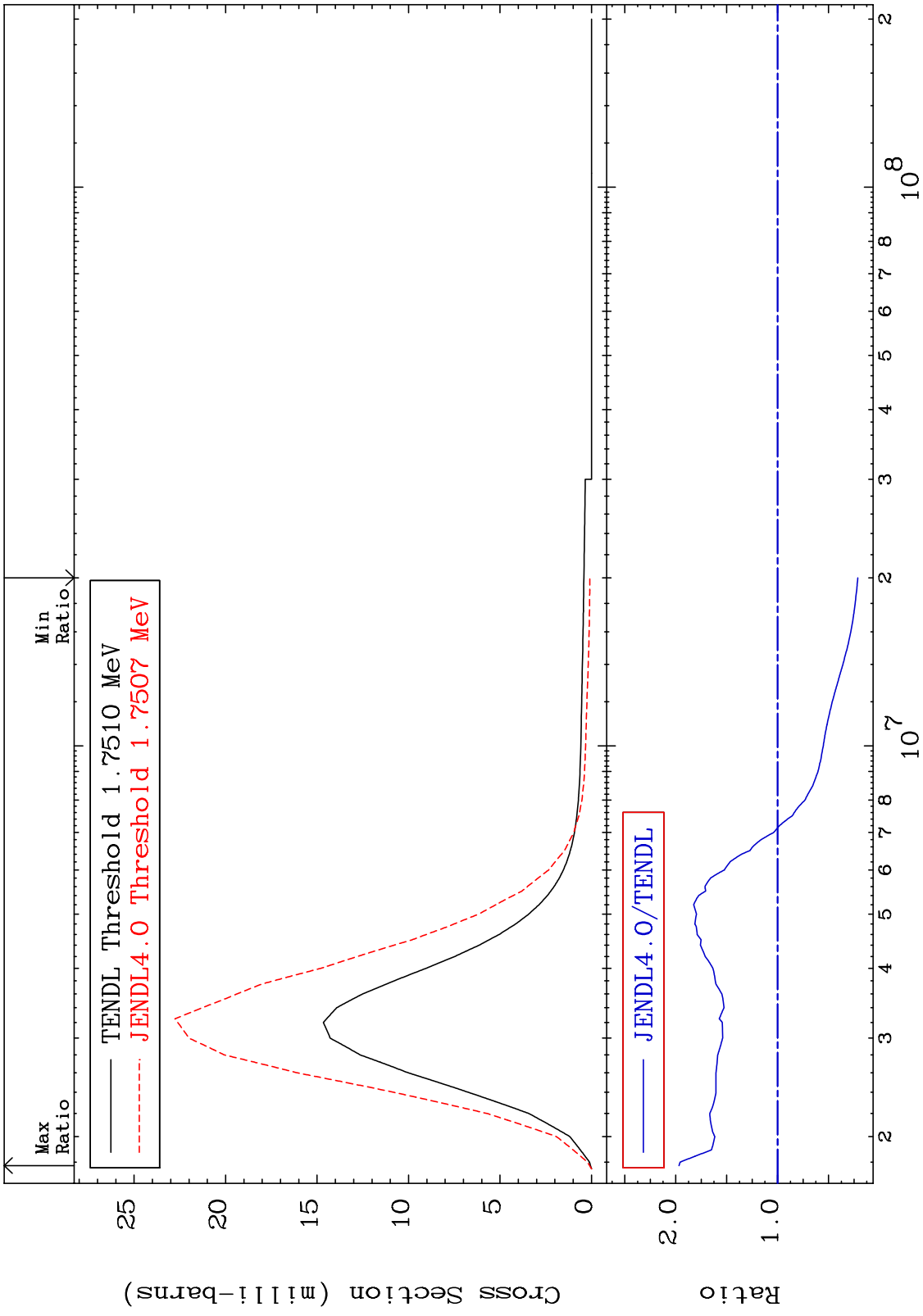
54-Xe-128
48.74 To 9999. %



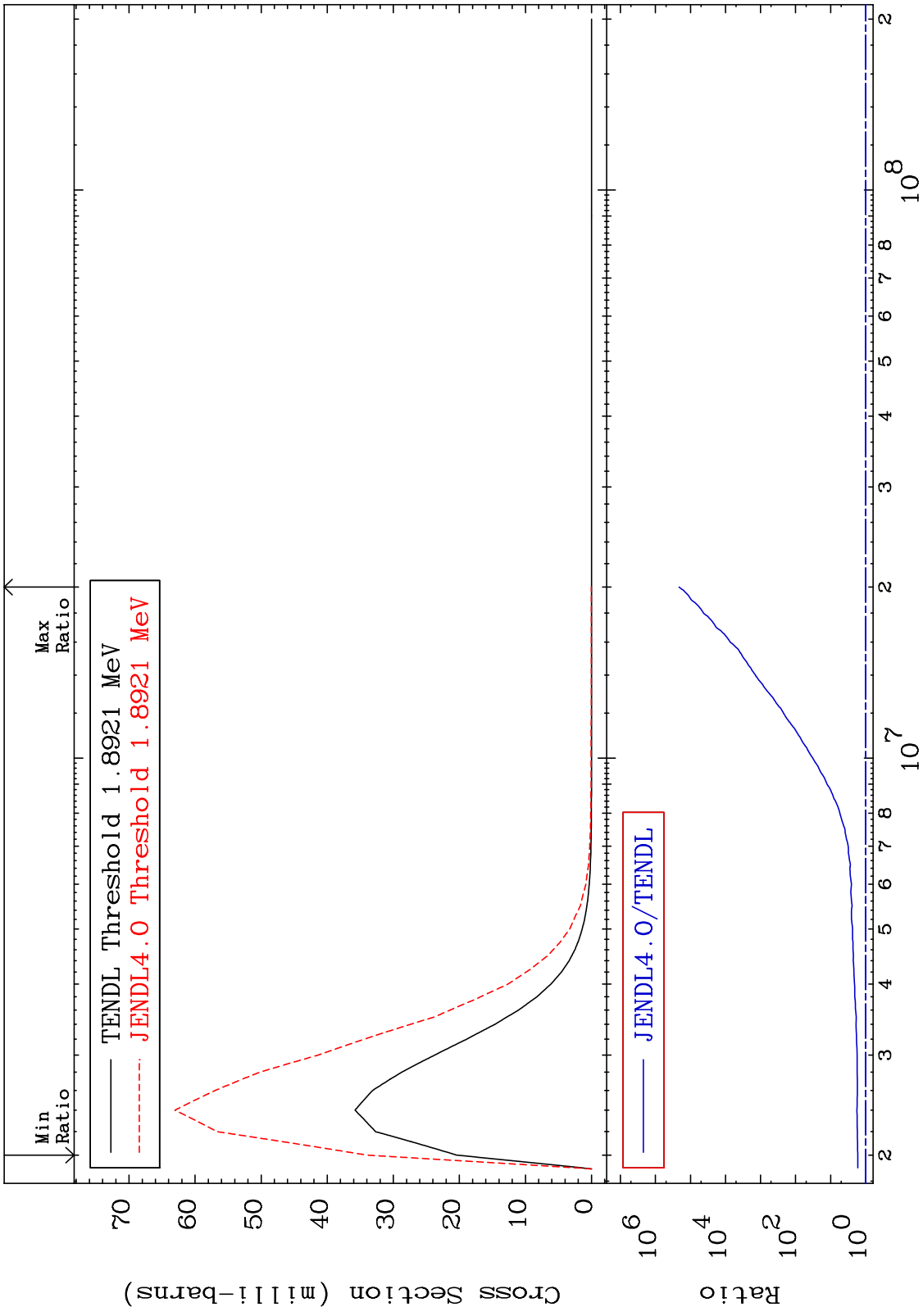
MAT 5437 MT= 56 (n,n') Level Cross Section 54-Xe-128 -81.94 To 81.66 %



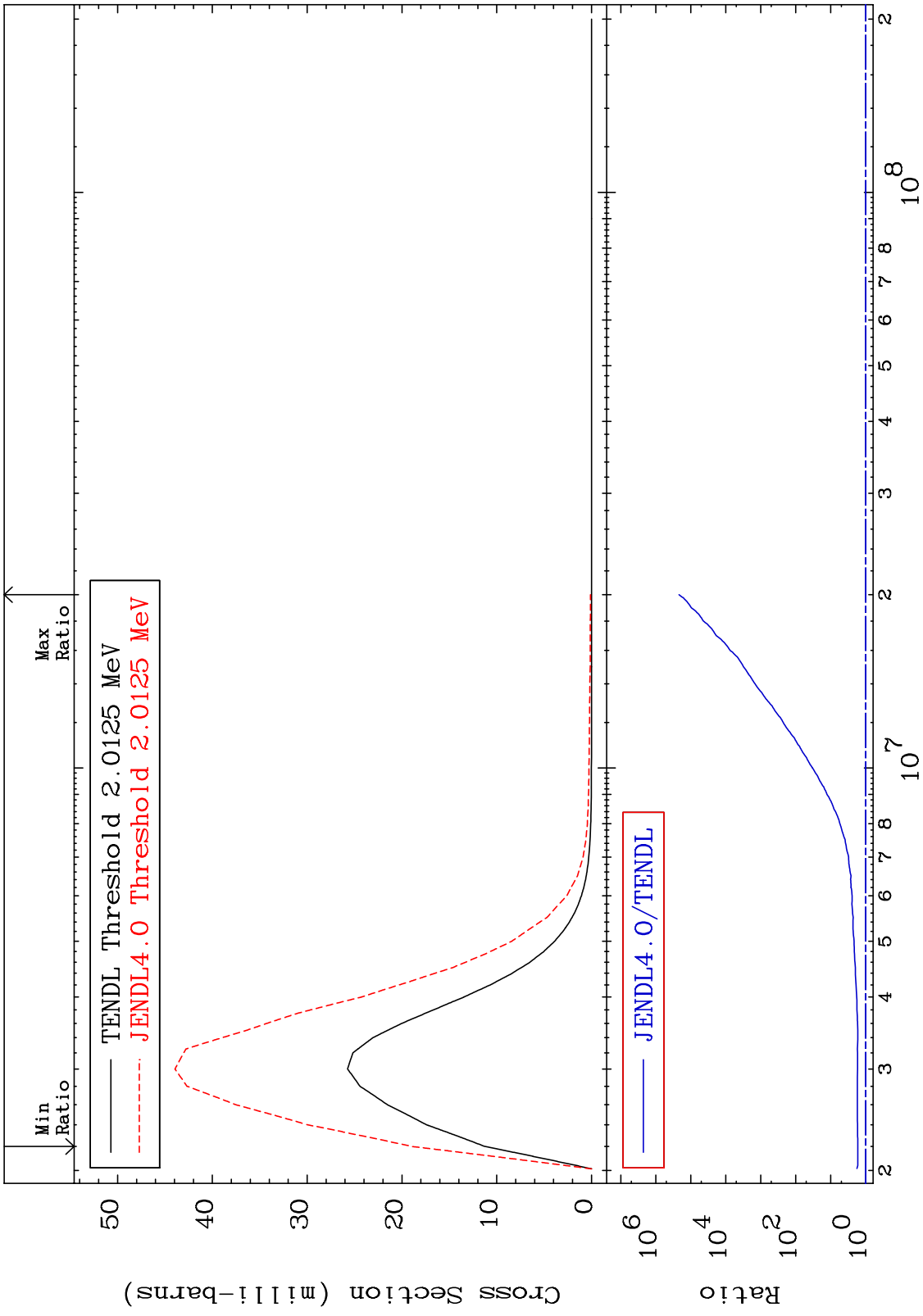
MAT 5437 MT= 57 (n,n') Level Cross Section 54-Xe-128 -78.73 To 96.79 %



MAT 5437 MT= 58 (n,n') Level Cross Section 54-Xe-128 66.70 To 9999. %



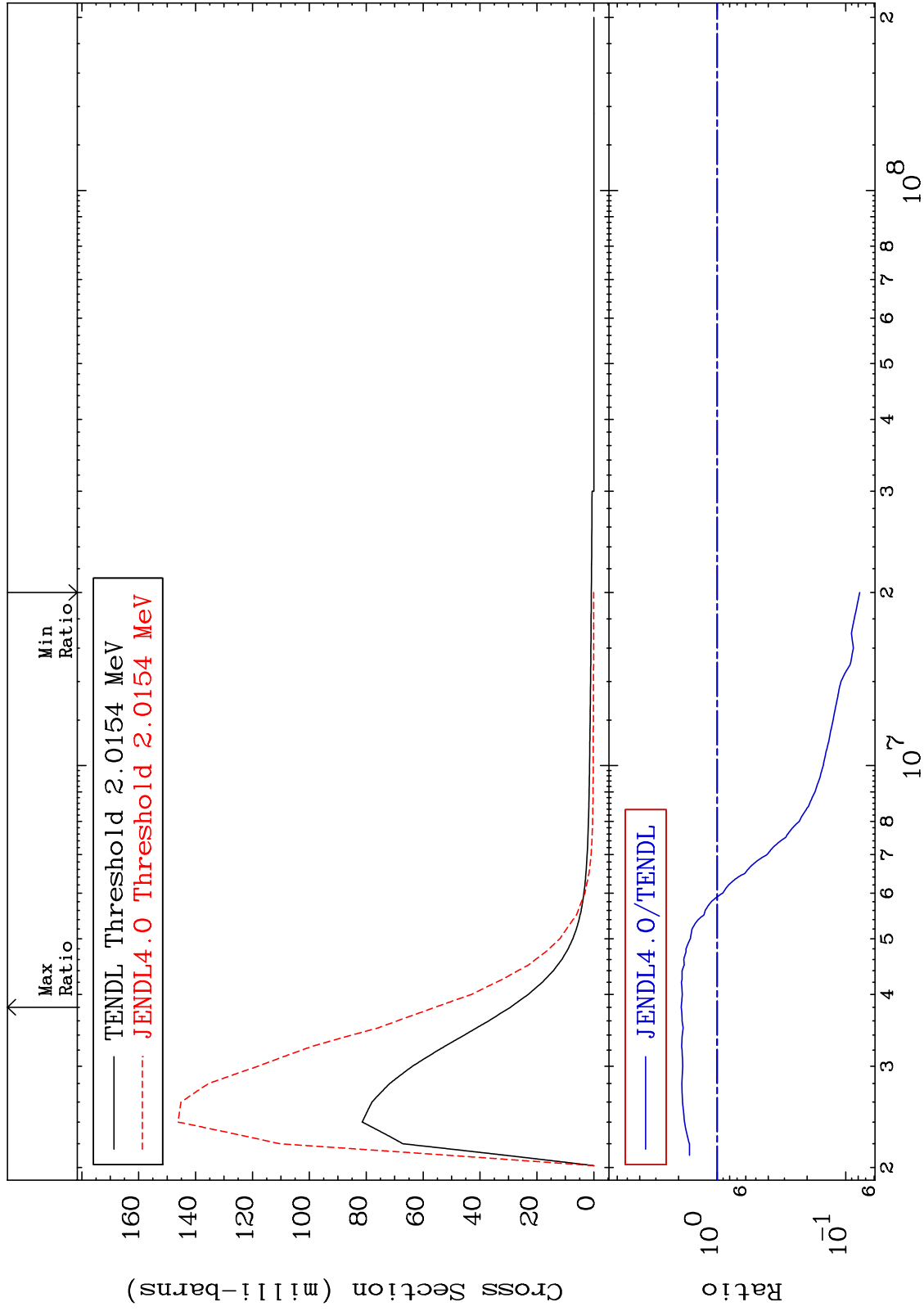
MAT 5437 MT= 59 (n,n') Level Cross Section 54-Xe-128 68.26 To 9999. %



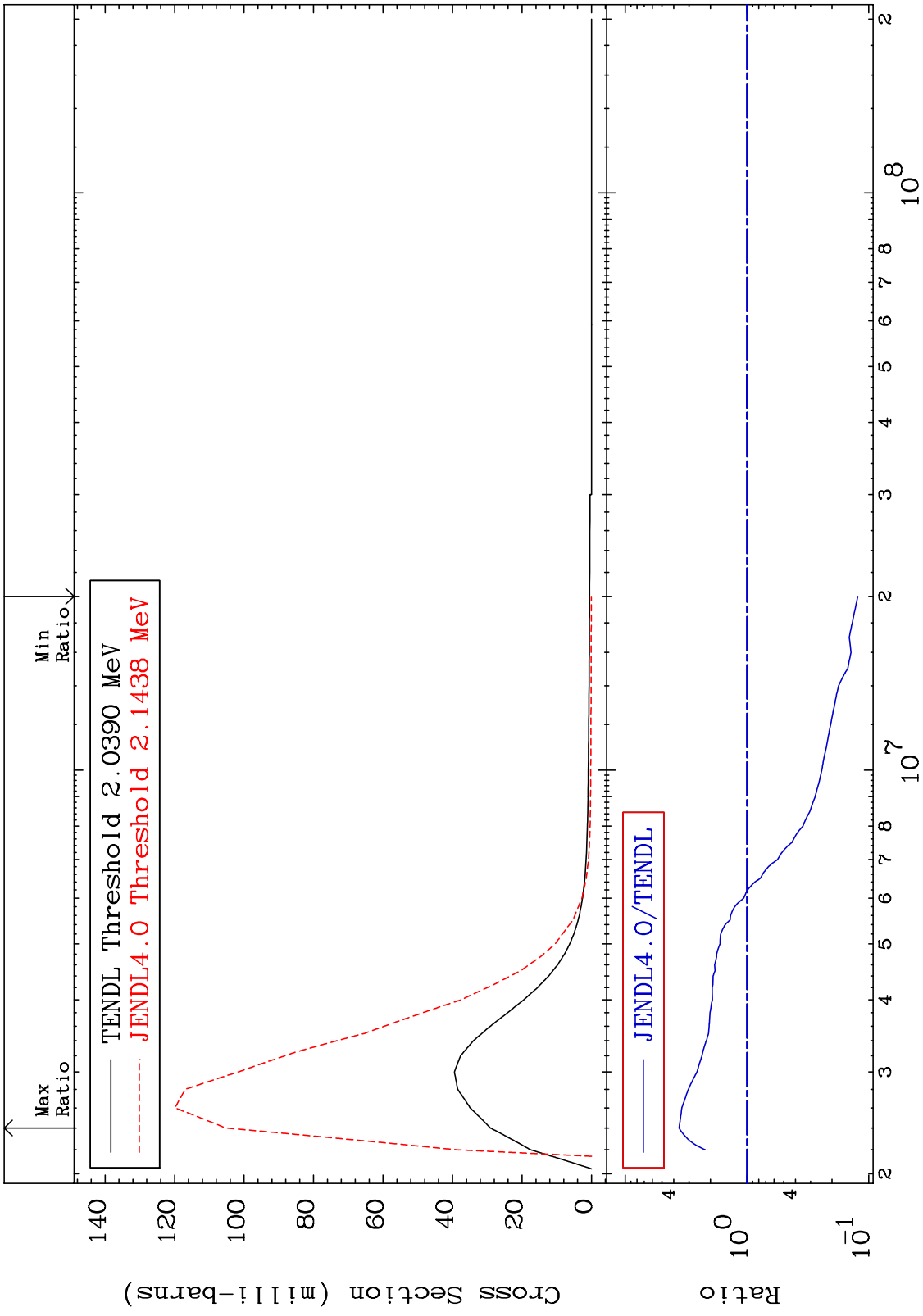
MAT 5437

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

54-Xe-128
-92.23 To 90.31 %



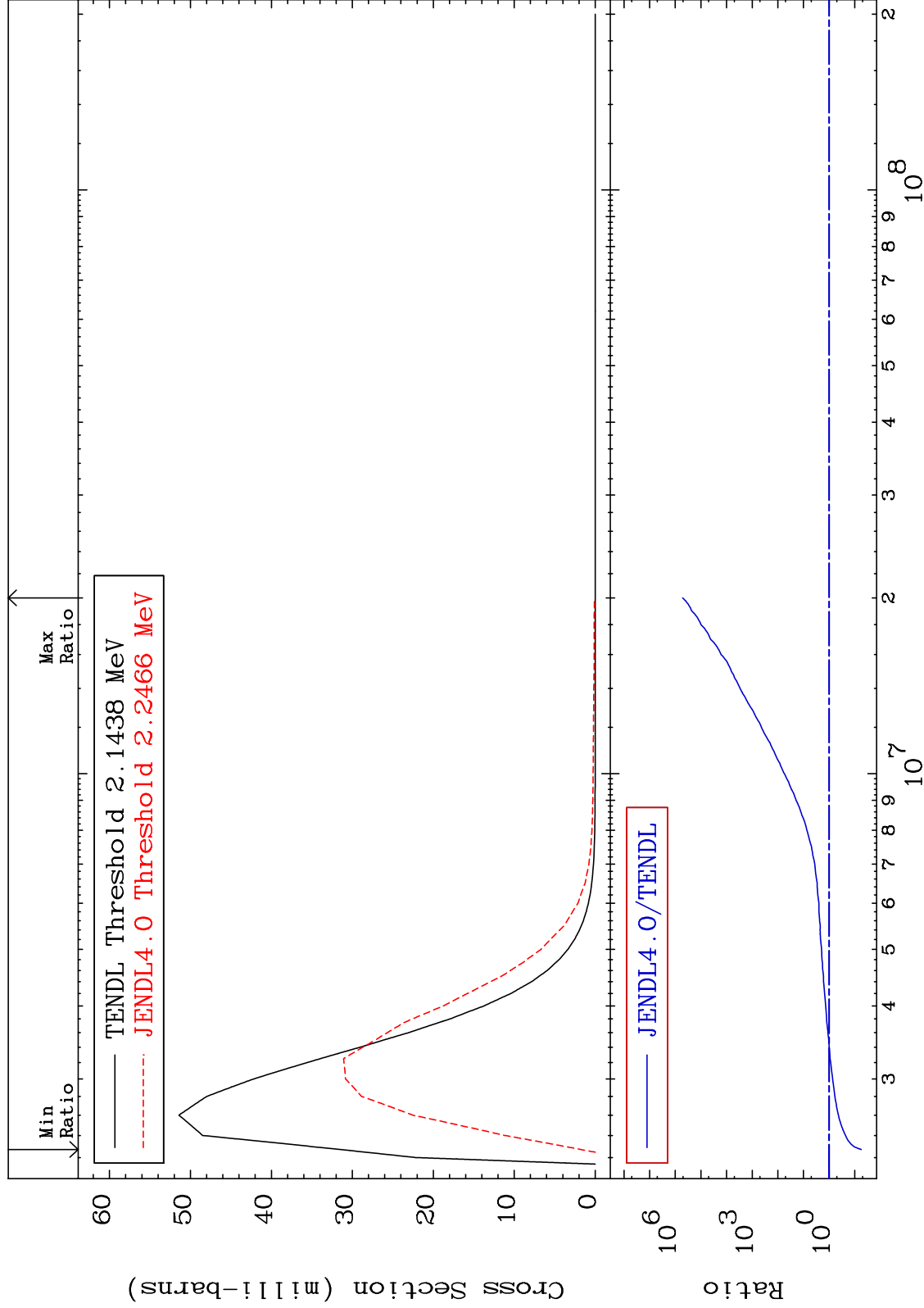
MAT 5437 MT= 61 (n,n') Level Cross Section 54-Xe-128 -87.72 To 261.7 %



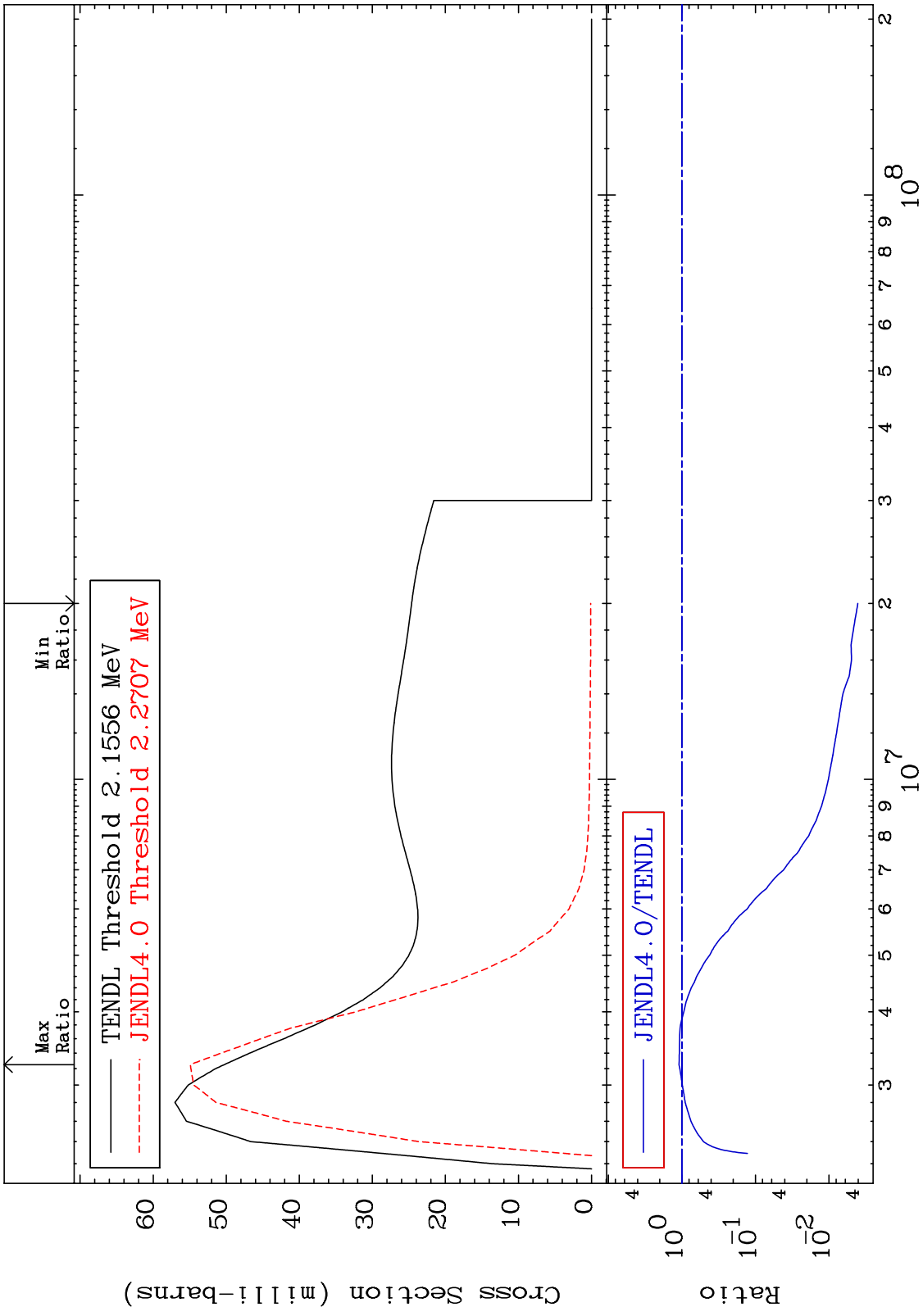
MAT 5437

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

54-Xe-128
-94.44 To 9999. %



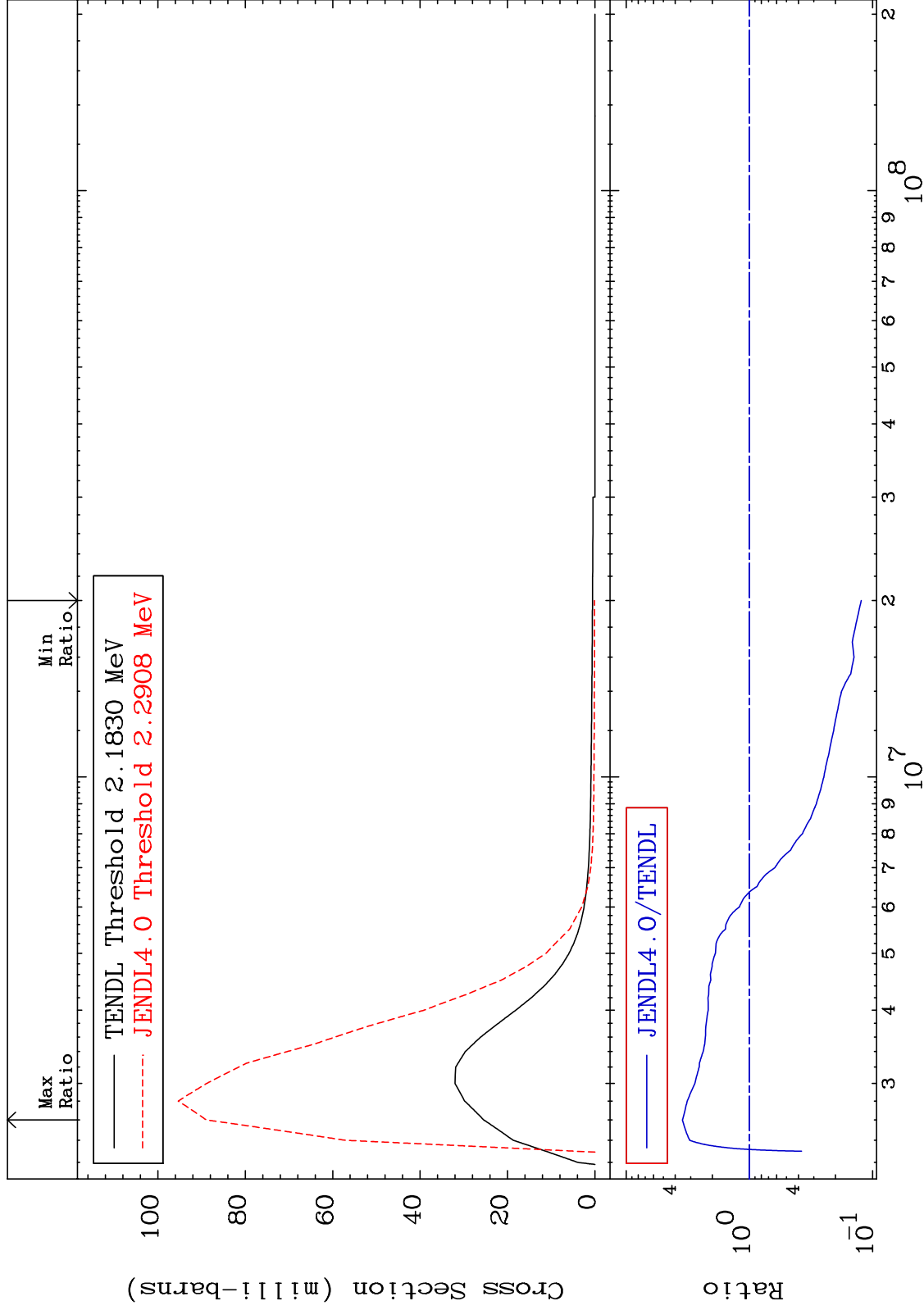
MAT 5437 MT= 63 (n,n') Level Cross Section 54-Xe-128 -99.59 To 9.278 %



MAT 5437

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

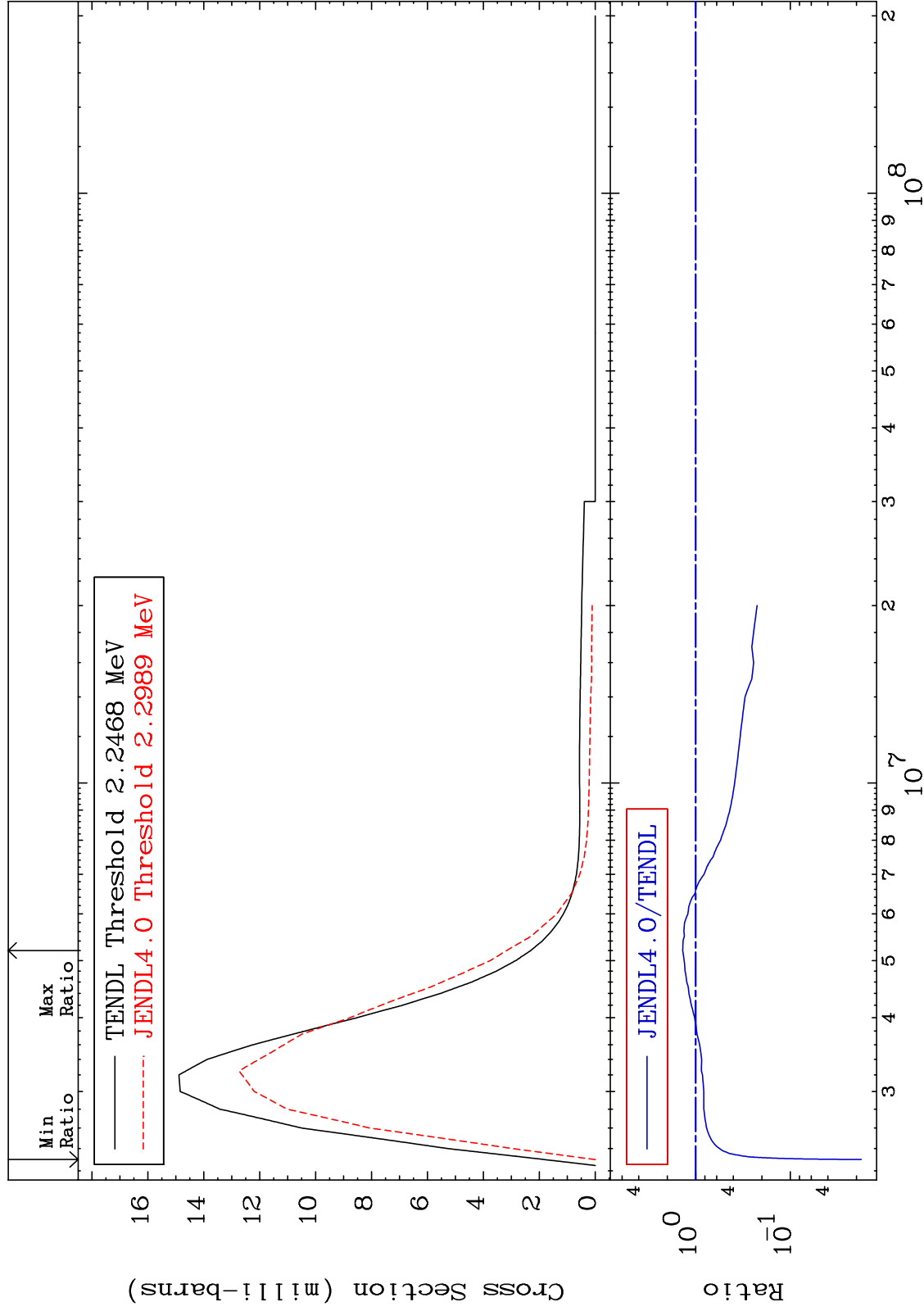
54-Xe-128
-87.65 To 249.6 %



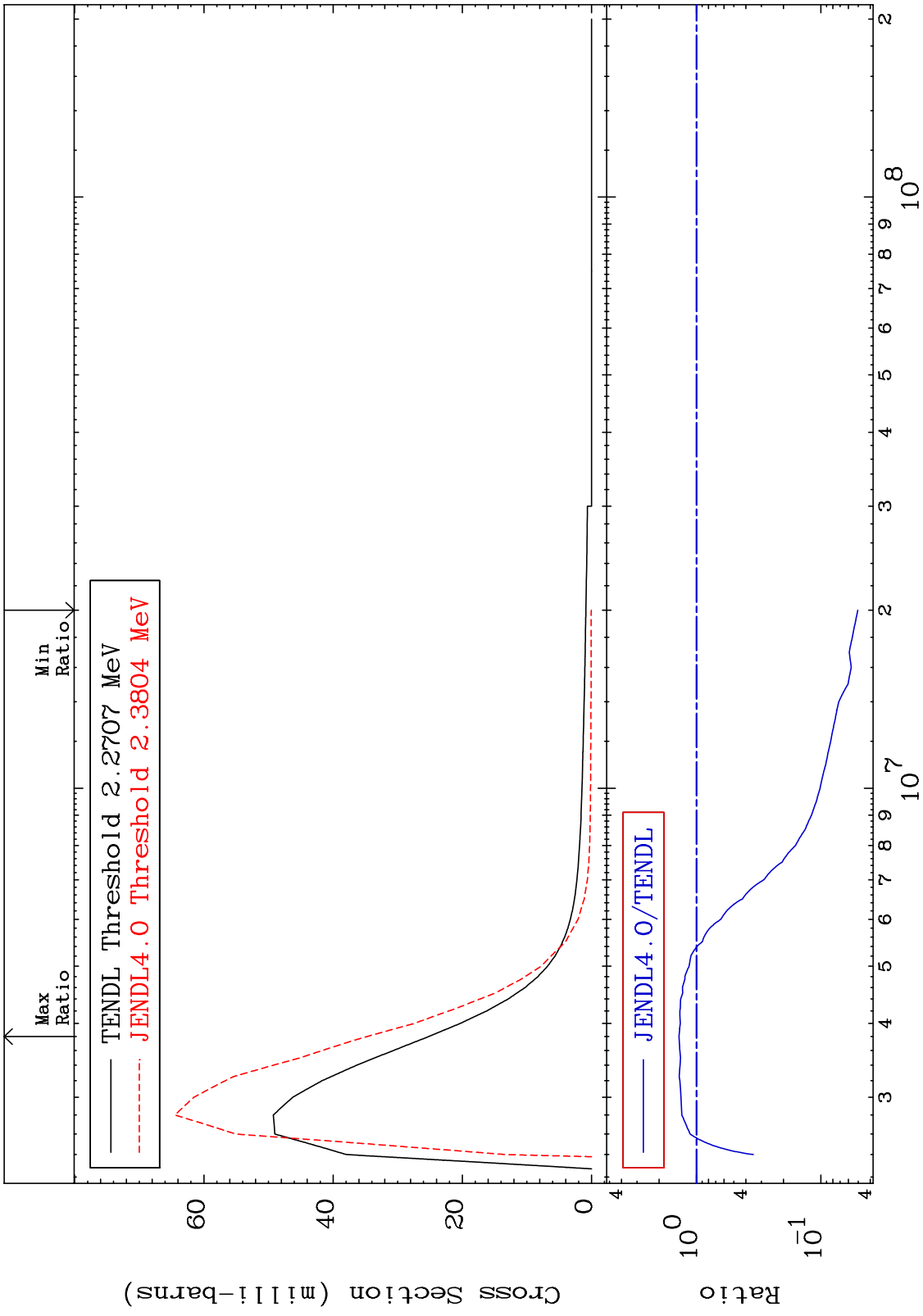
MAT 5437

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

54-Xe-128
-98.22 To 37.29 %



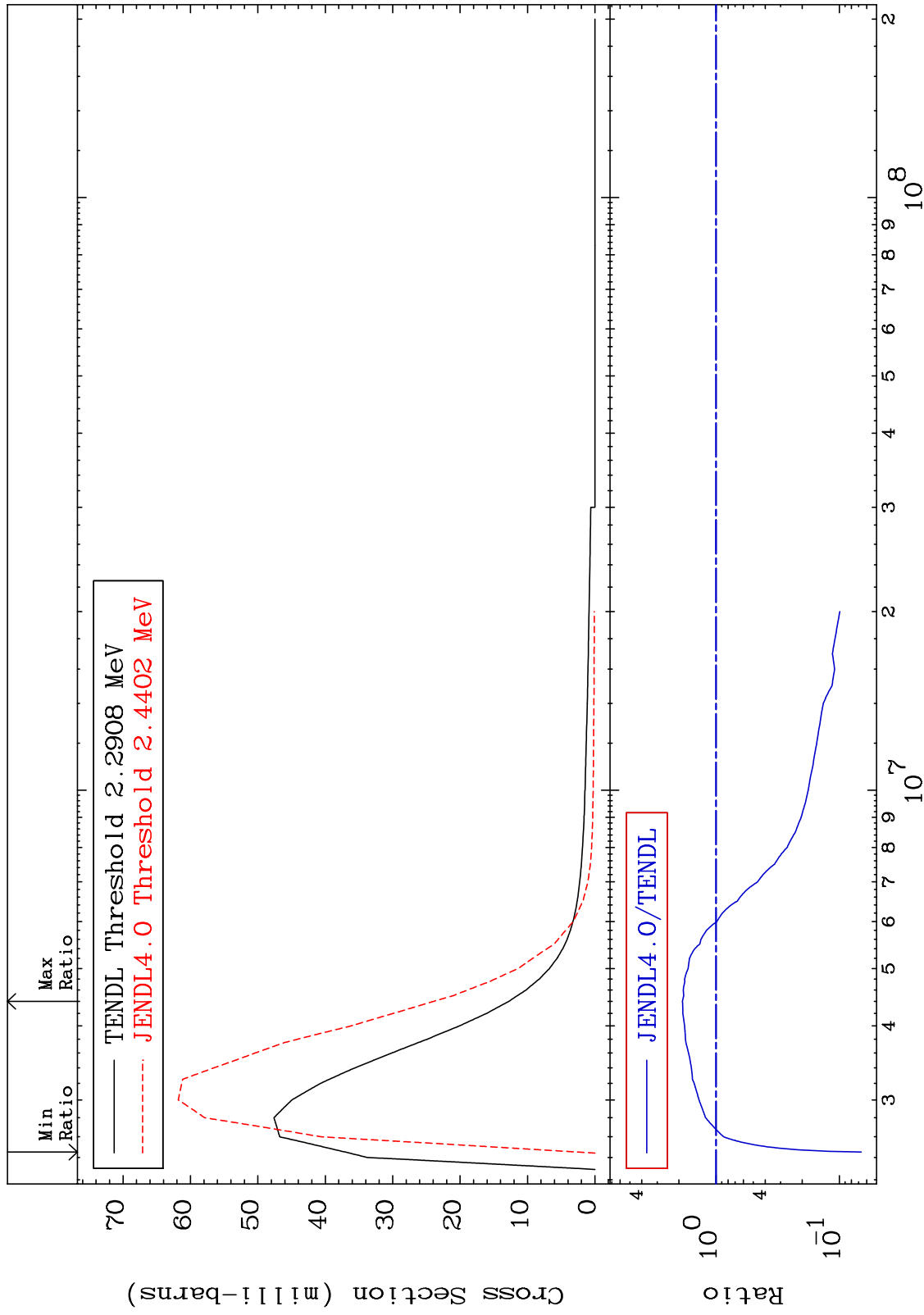
MAT 5437 MT= 66 (n,n') Level Cross Section 54-Xe-128 -94.96 To 38.02 %



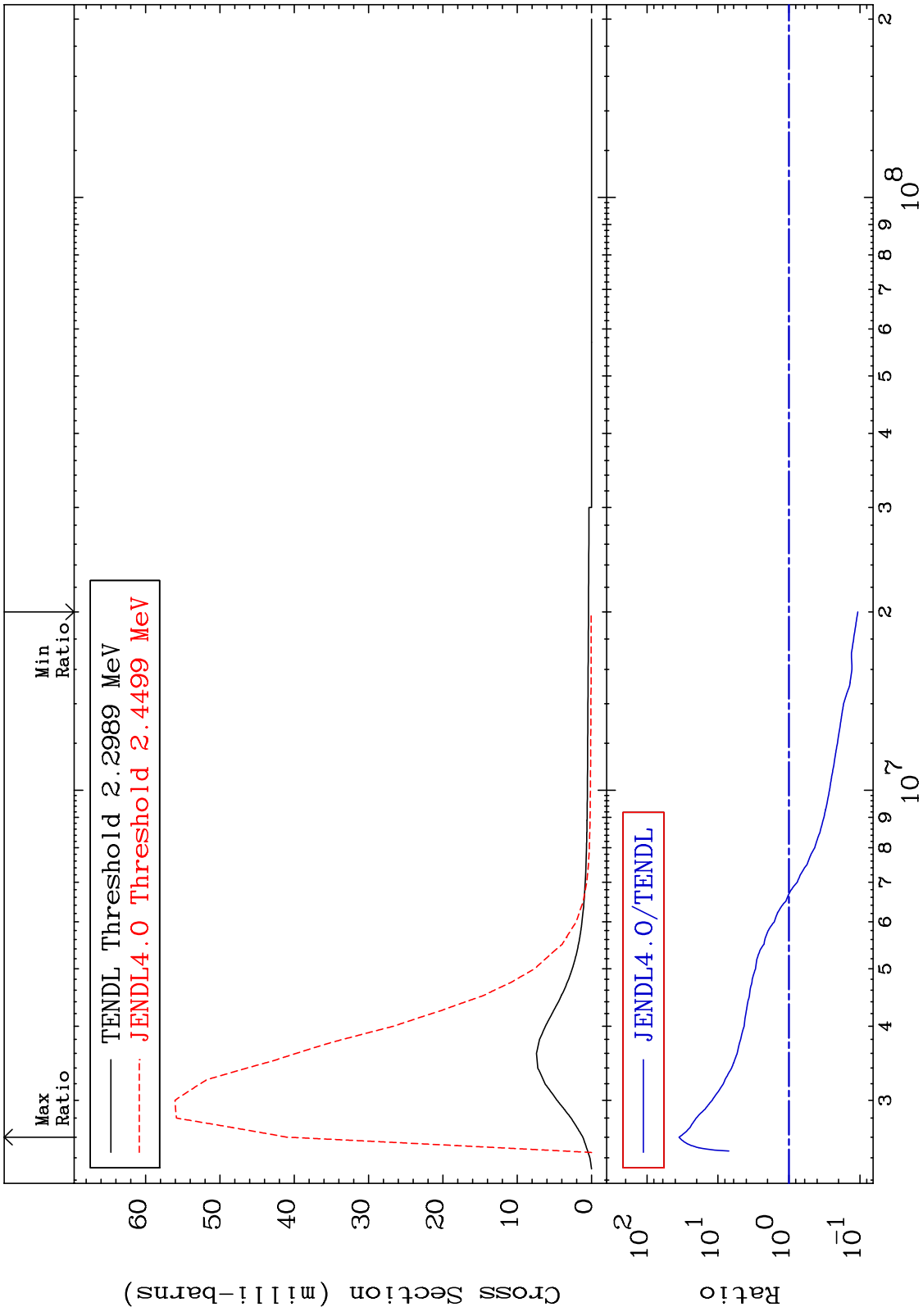
MAT 5437

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

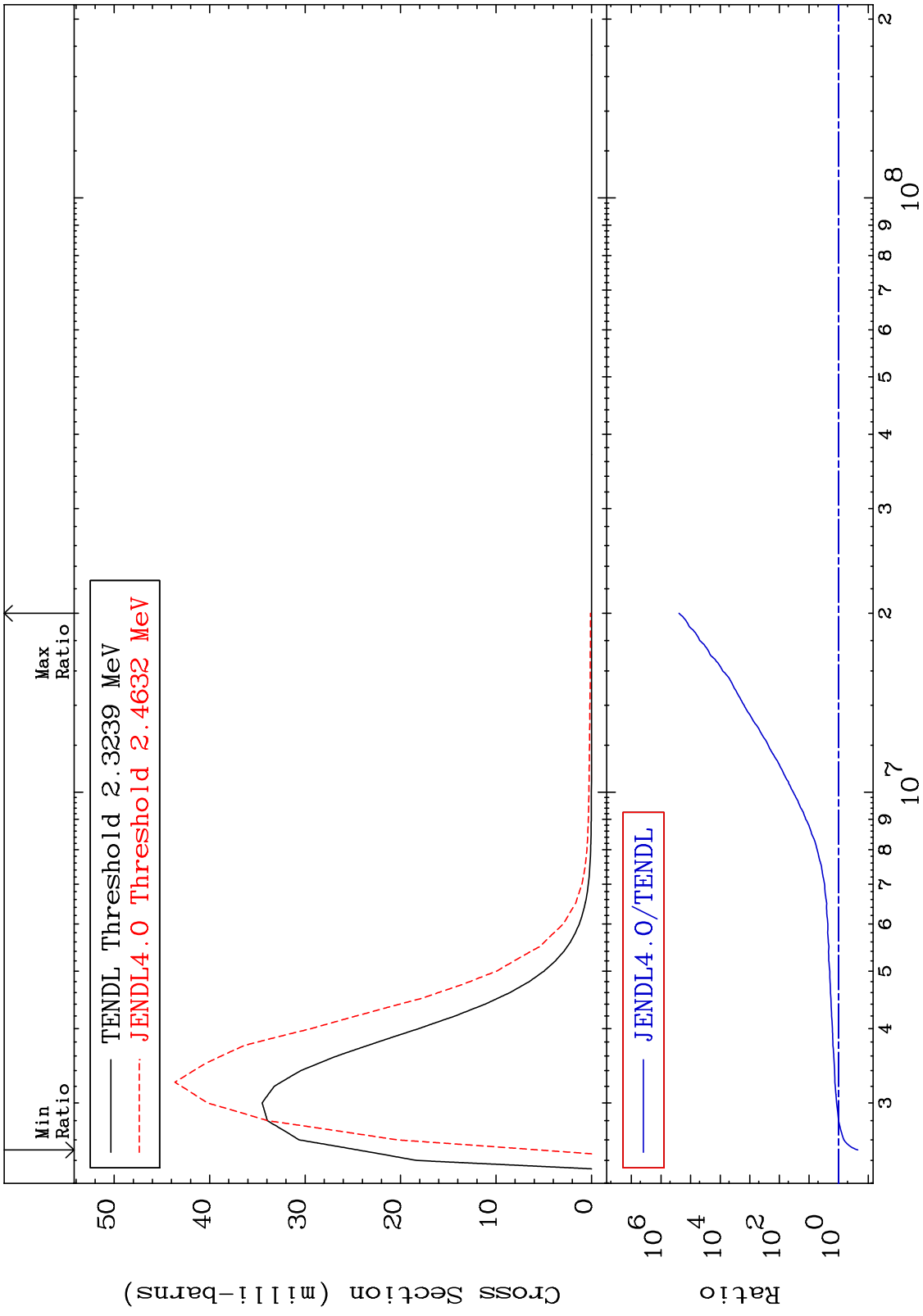
54-Xe-128
-93.35 To 87.31 %



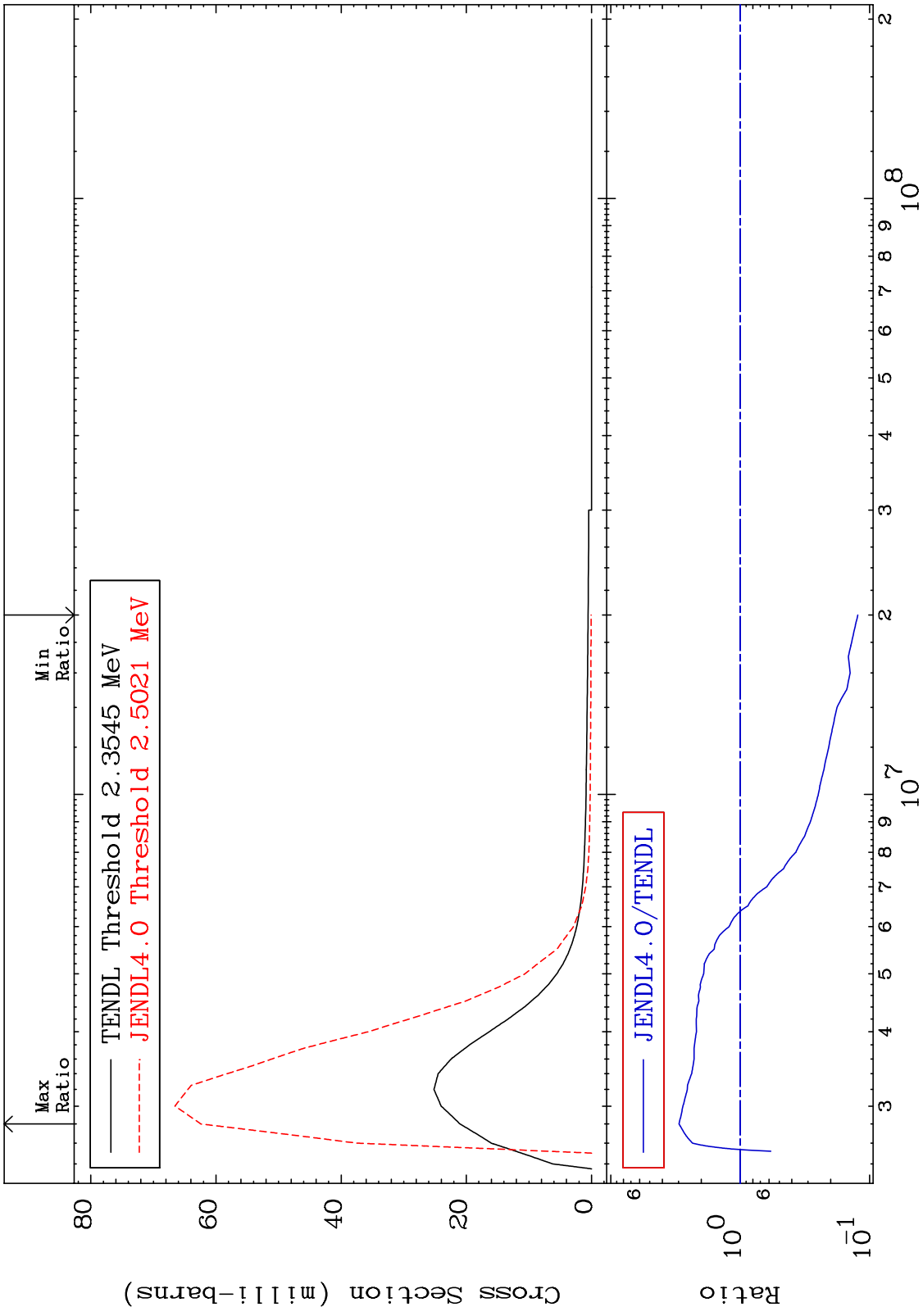
MAT 5437 MT= 68 (n,n') Level Cross Section 54-Xe-128 -89.32 To 3435. %



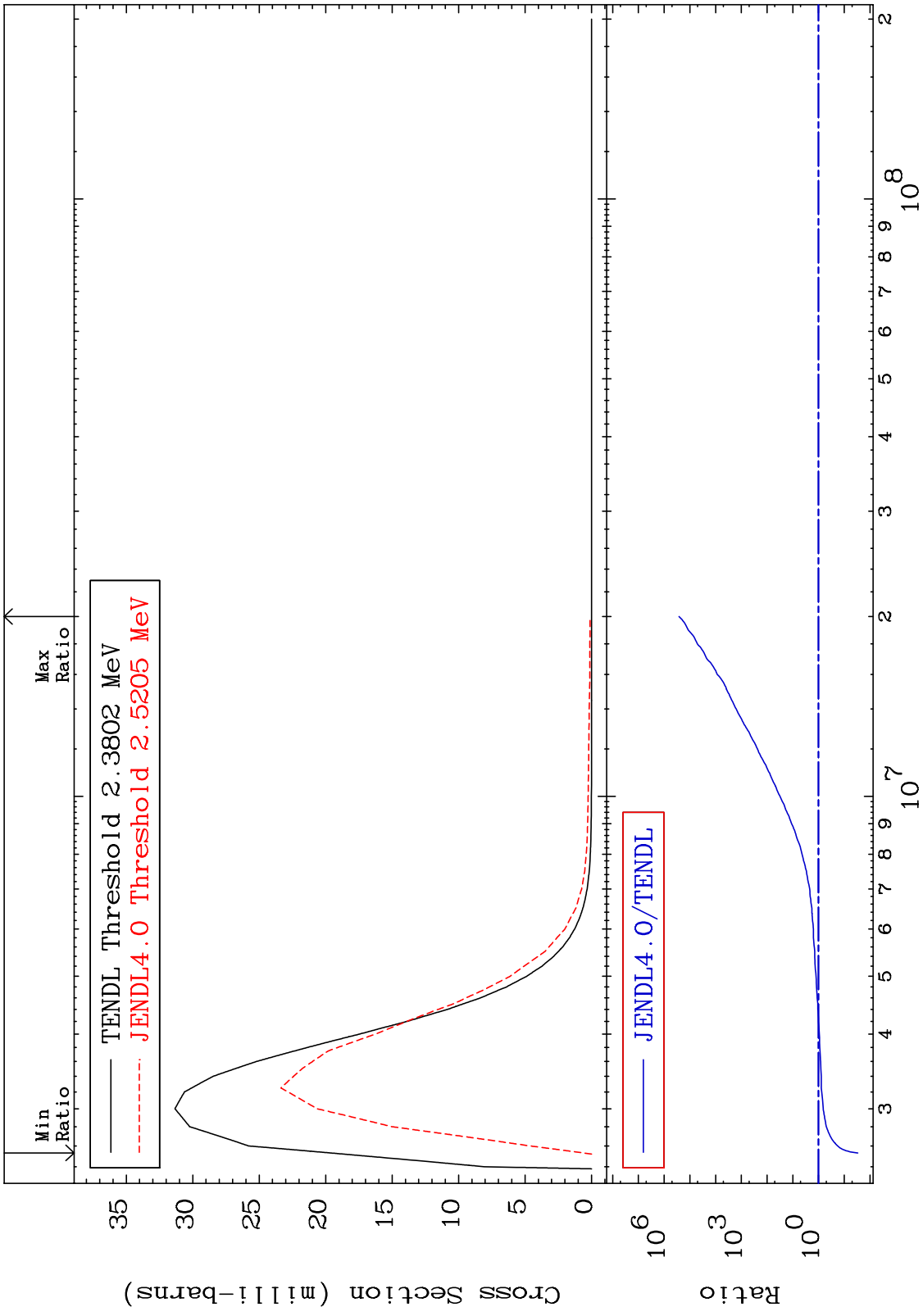
MAT 5437 MT= 69 (n,n') Level Cross Section 54-Xe-128 -77.59 To 9999. %



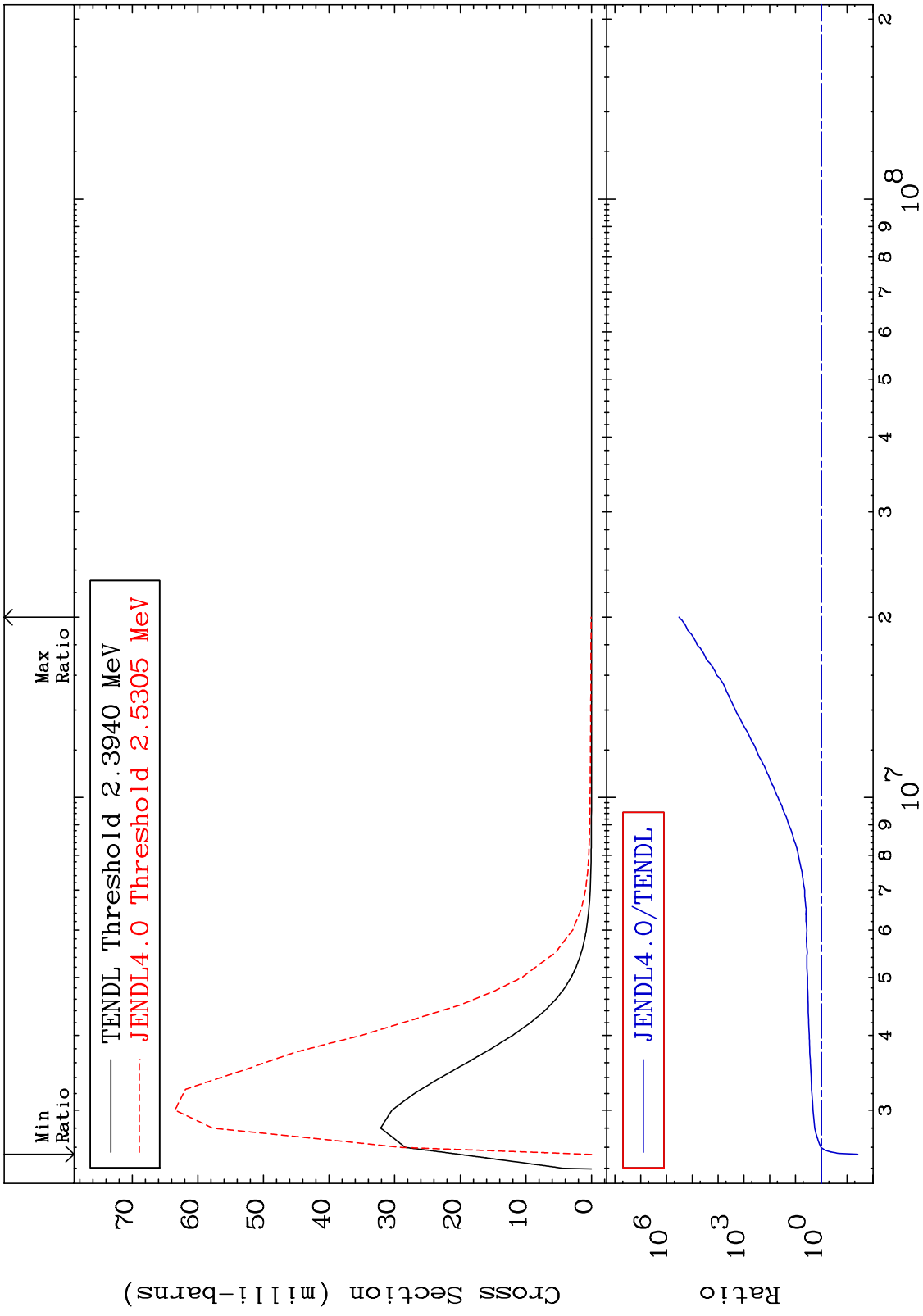
MAT 5437 MT= 70 (n,n') Level Cross Section 54-Xe-128
 -87.66 To 197.1 %



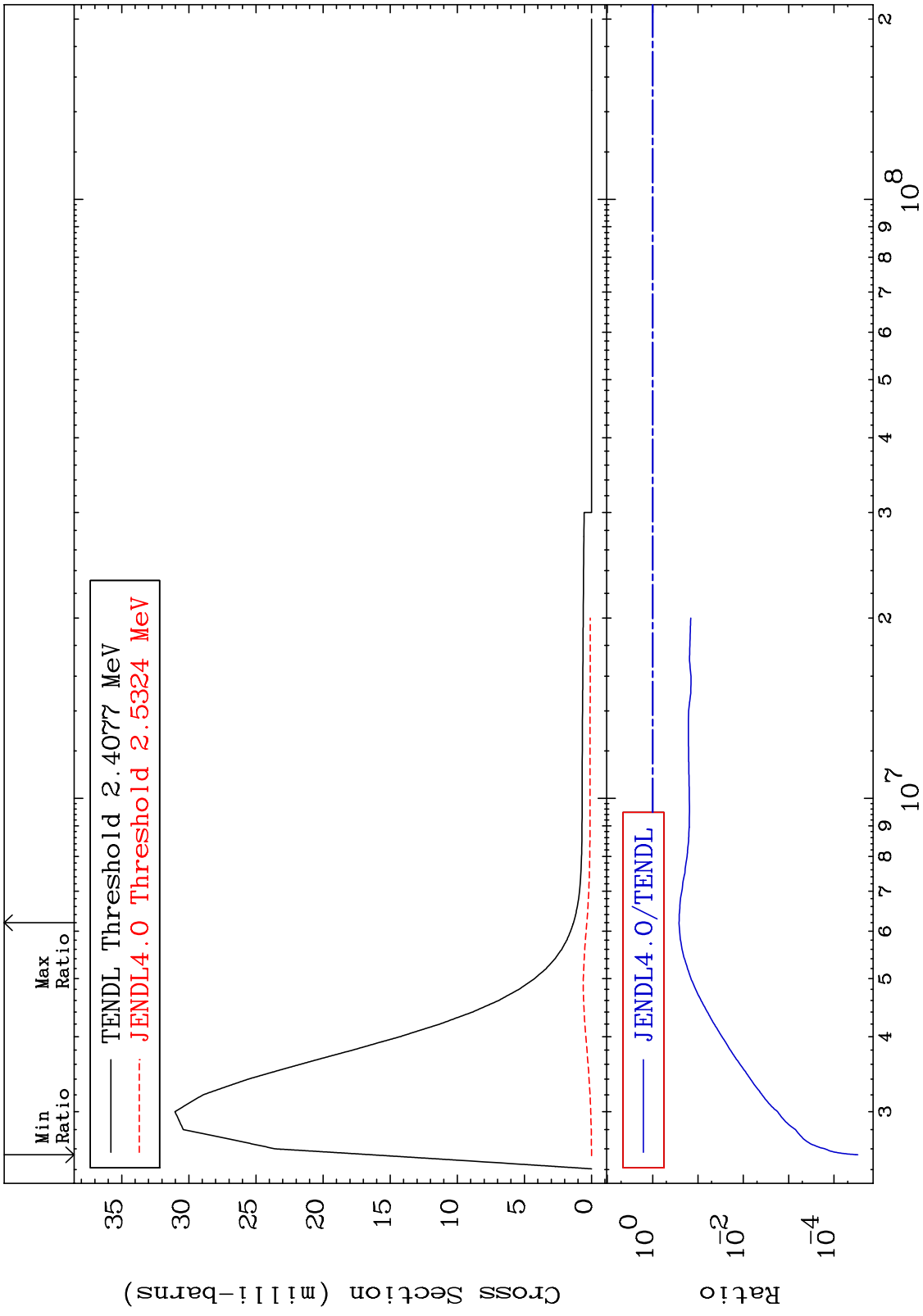
MAT 5437 MT= 71 (n,n') Level Cross Section 54-Xe-128
 -97.03 To 9999. %



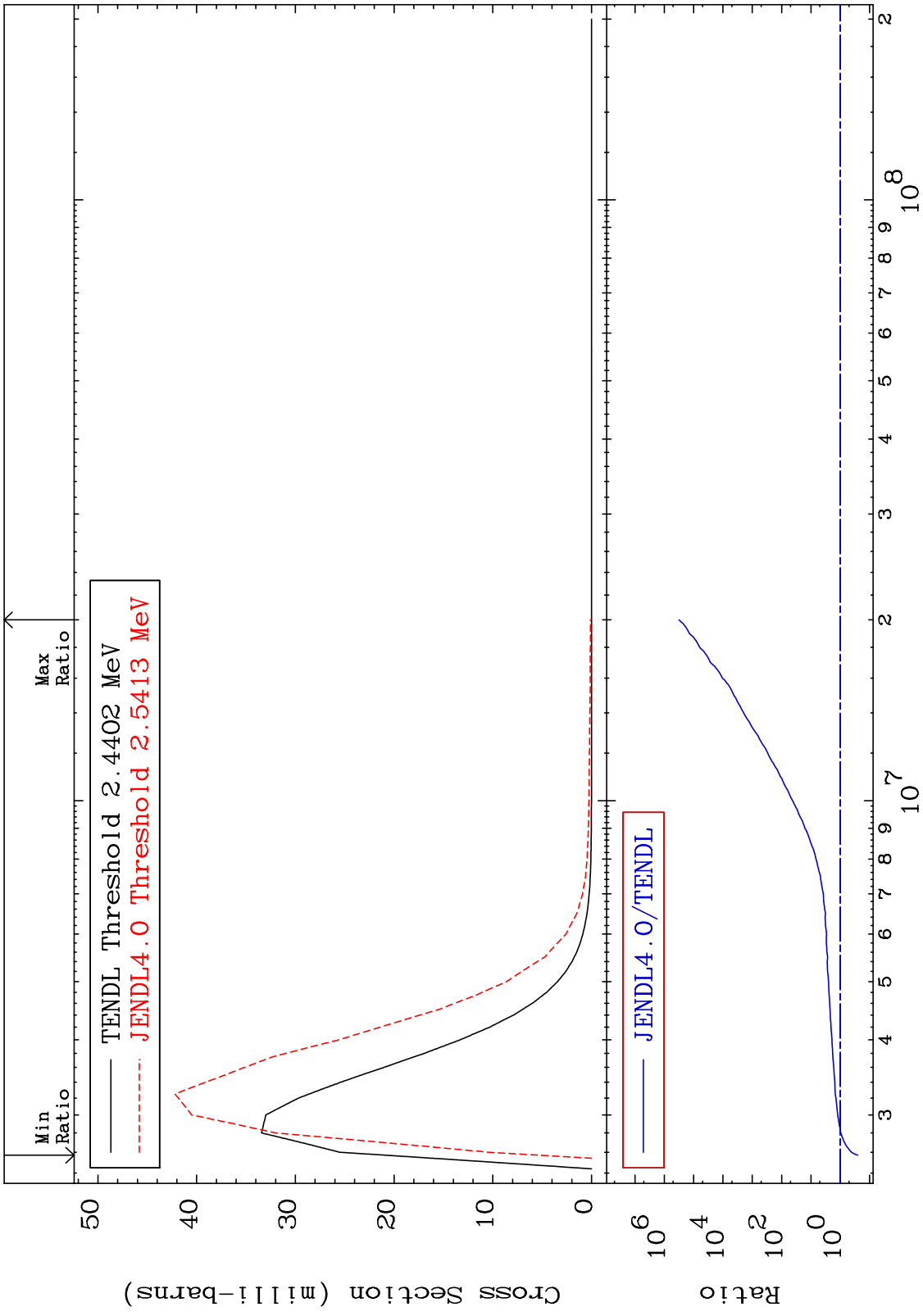
MAT 5437 MT= 72 (n,n') Level Cross Section 54-Xe-128 -96.20 To 9999. %



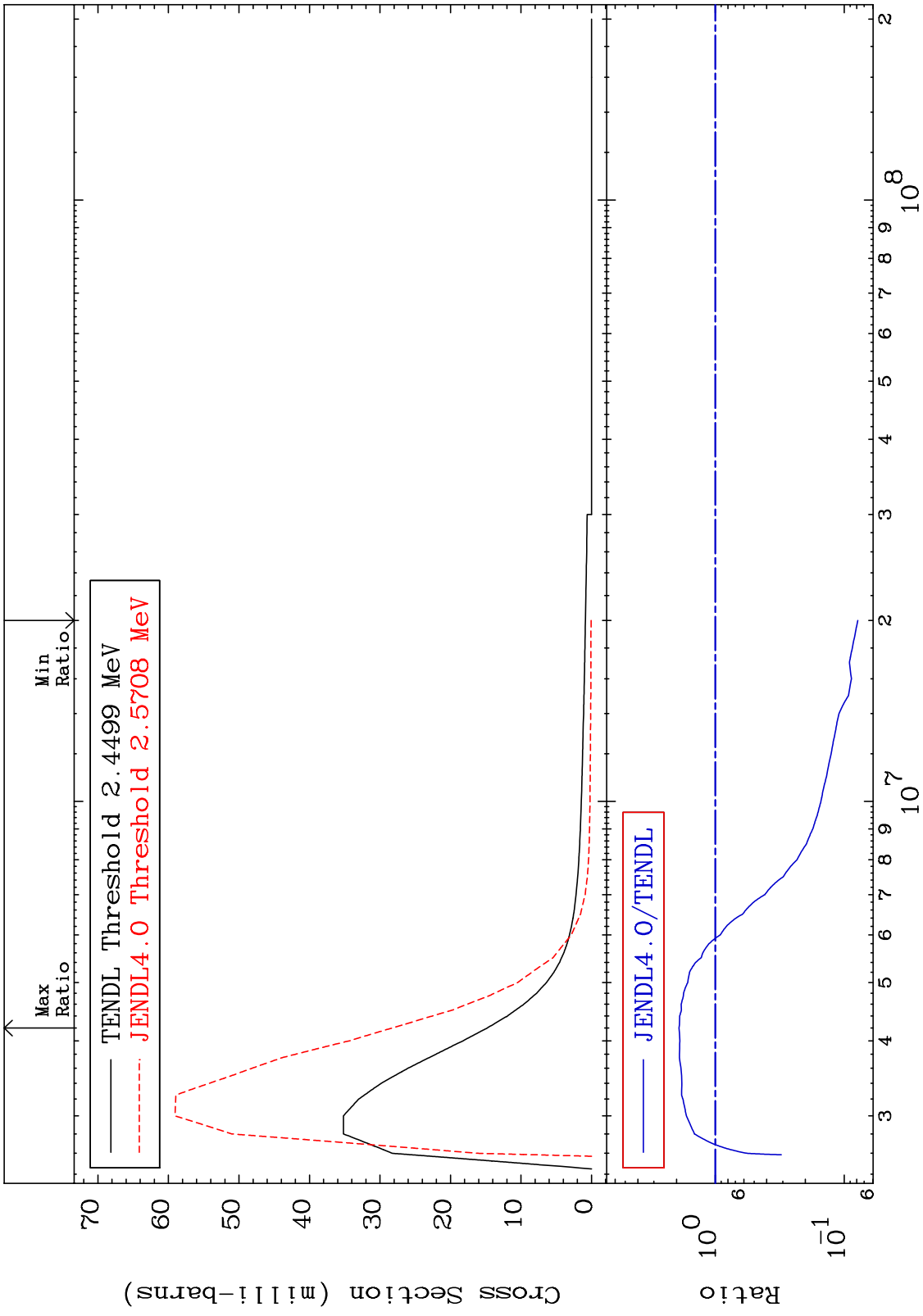
MAT 5437 MT= 73 (n,n') Level 54-Xe-128
 Cross Section -100.0 To -73.84%



MAT 5437 MT= 74 (n,n') Level Cross Section 54-Xe-128
 -74.89 To 9999. %



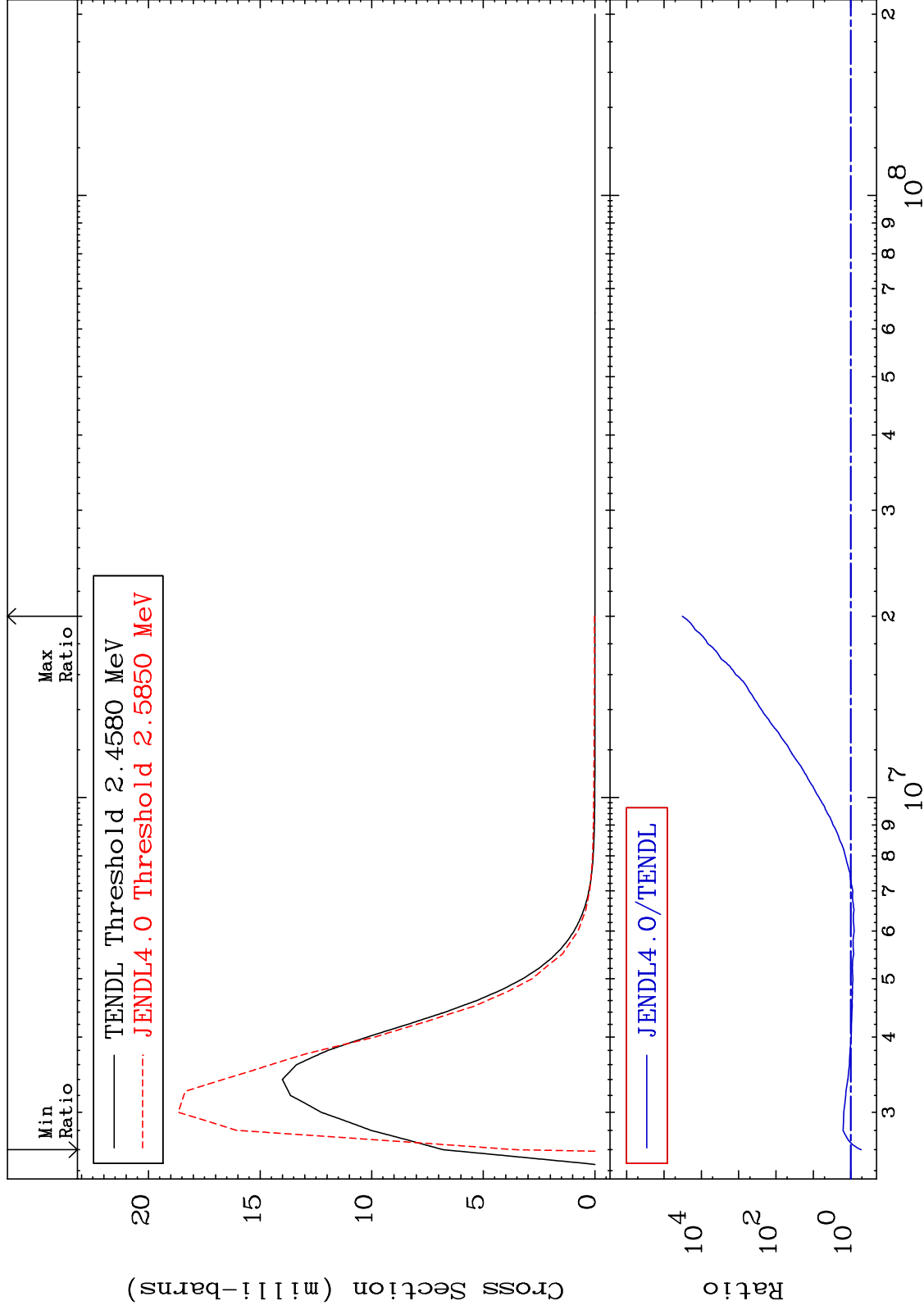
MAT 5437 MT= 75 (n,n') Level Cross Section 54-Xe-128 -92.16 To 91.32 %



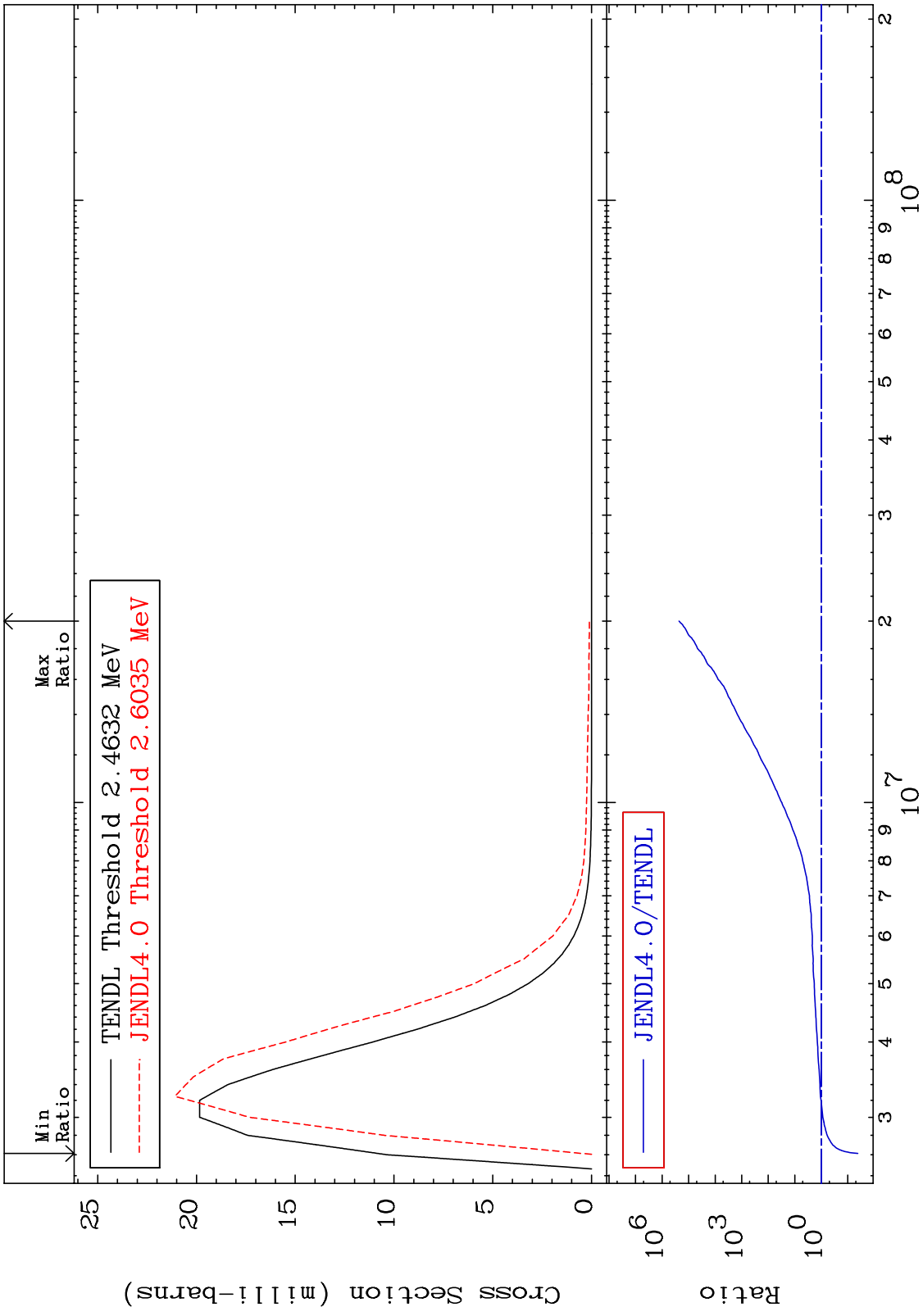
MAT 5437

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

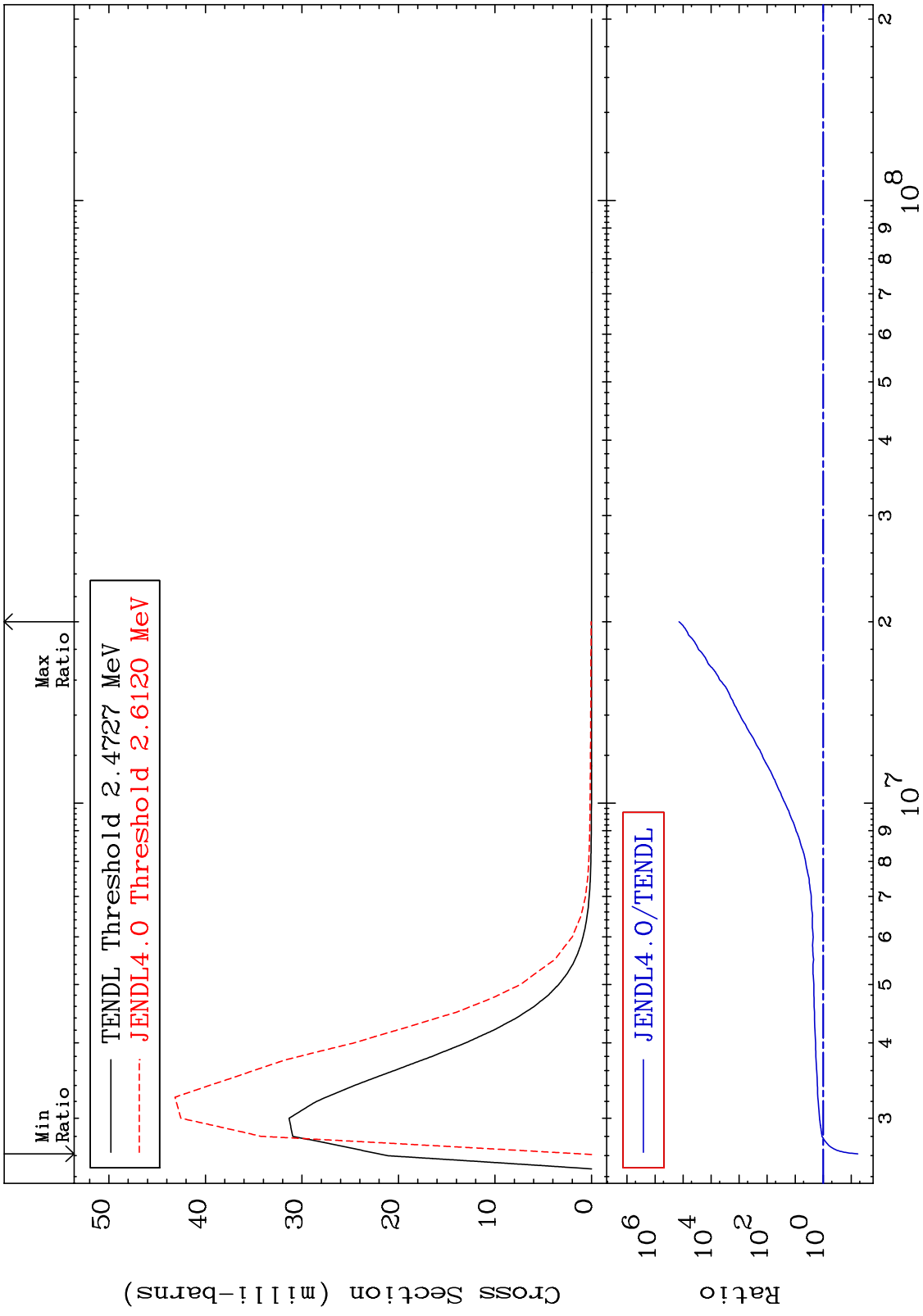
54-Xe-128
-48.05 To 9999. %



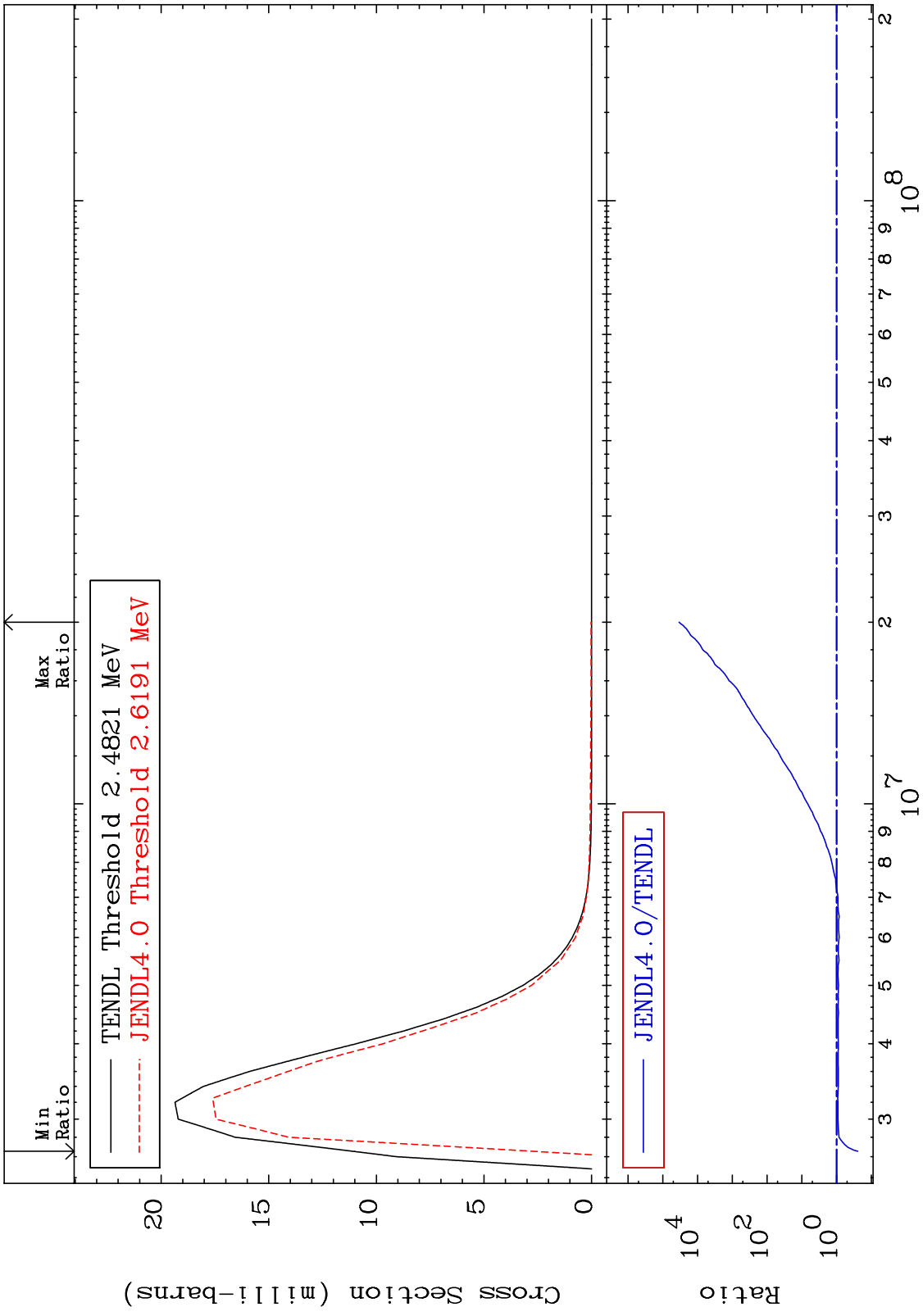
MAT 5437 MT= 77 (n,n') Level Cross Section 54-Xe-128 -95.81 To 9999. %



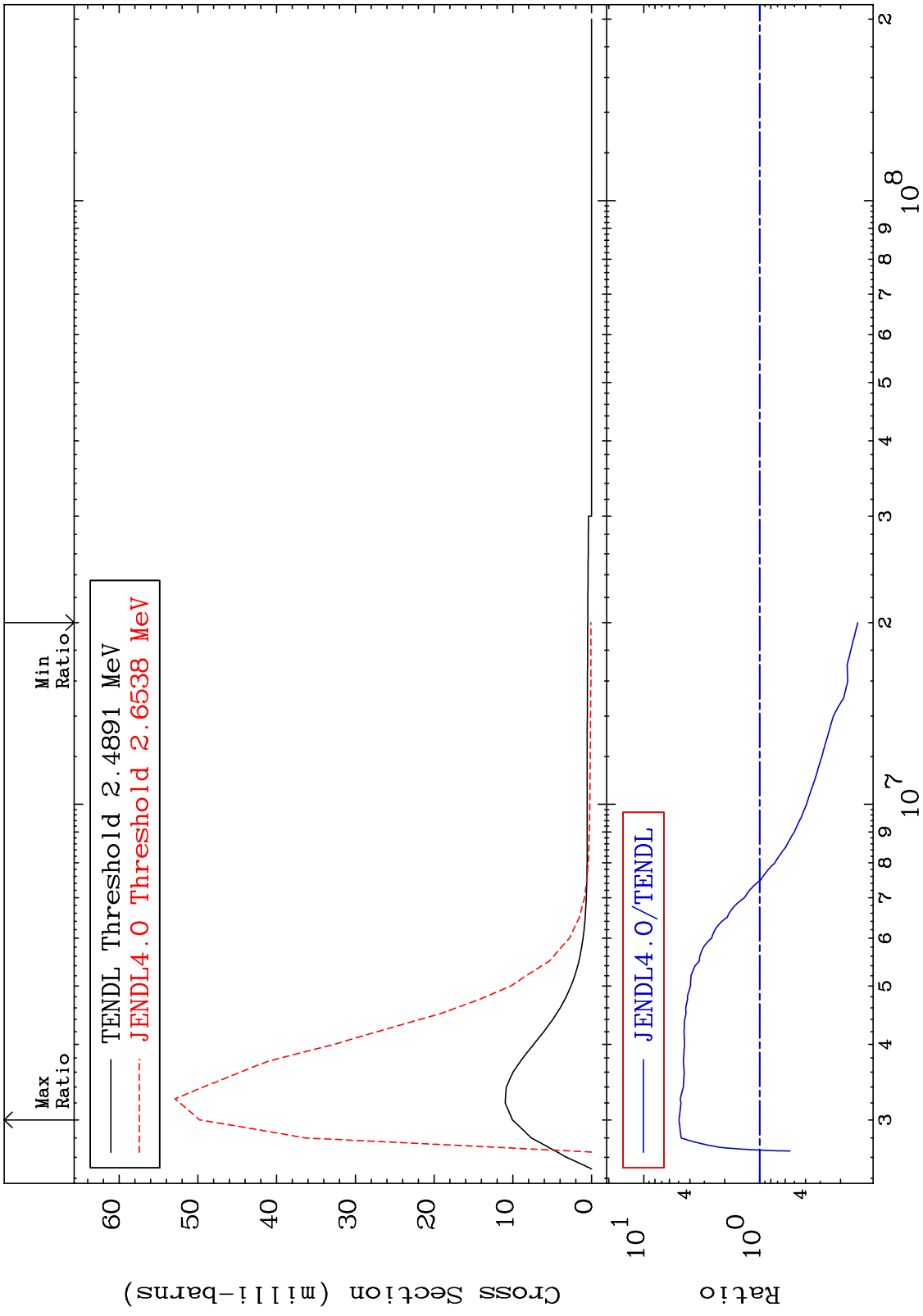
MAT 5437 MT= 78 (n,n') Level Cross Section 54-Xe-128 -94.17 To 9999. %



MAT 5437 MT= 79 (n,n') Level Cross Section 54-Xe-128
 -75.66 To 9999. %



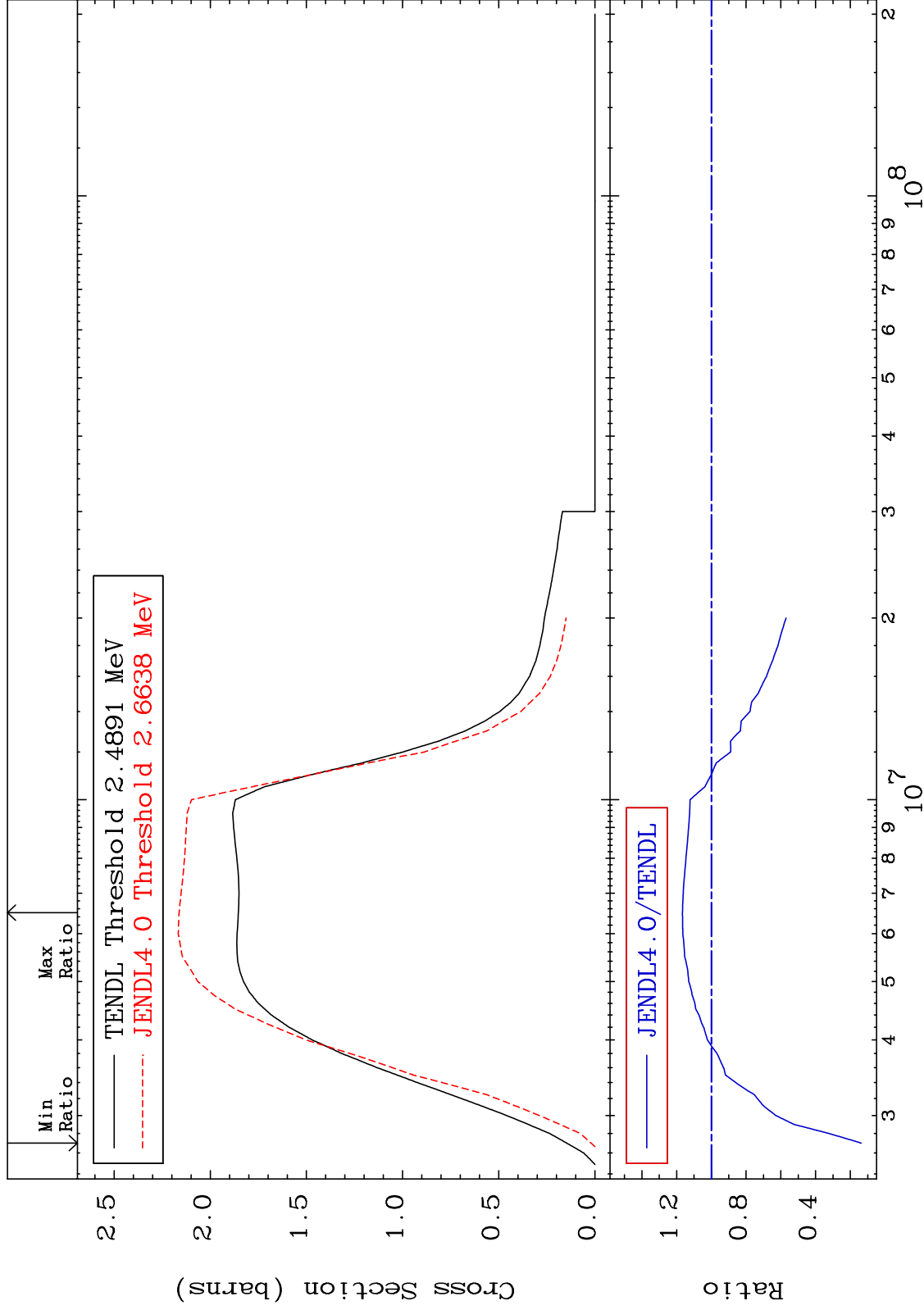
MAT 5437 MT= 80 (n,n') Level Cross Section 54-Xe-128 -85.84 To 395.6 %



MAT 5437

(n,n') Continuum
Cross Section

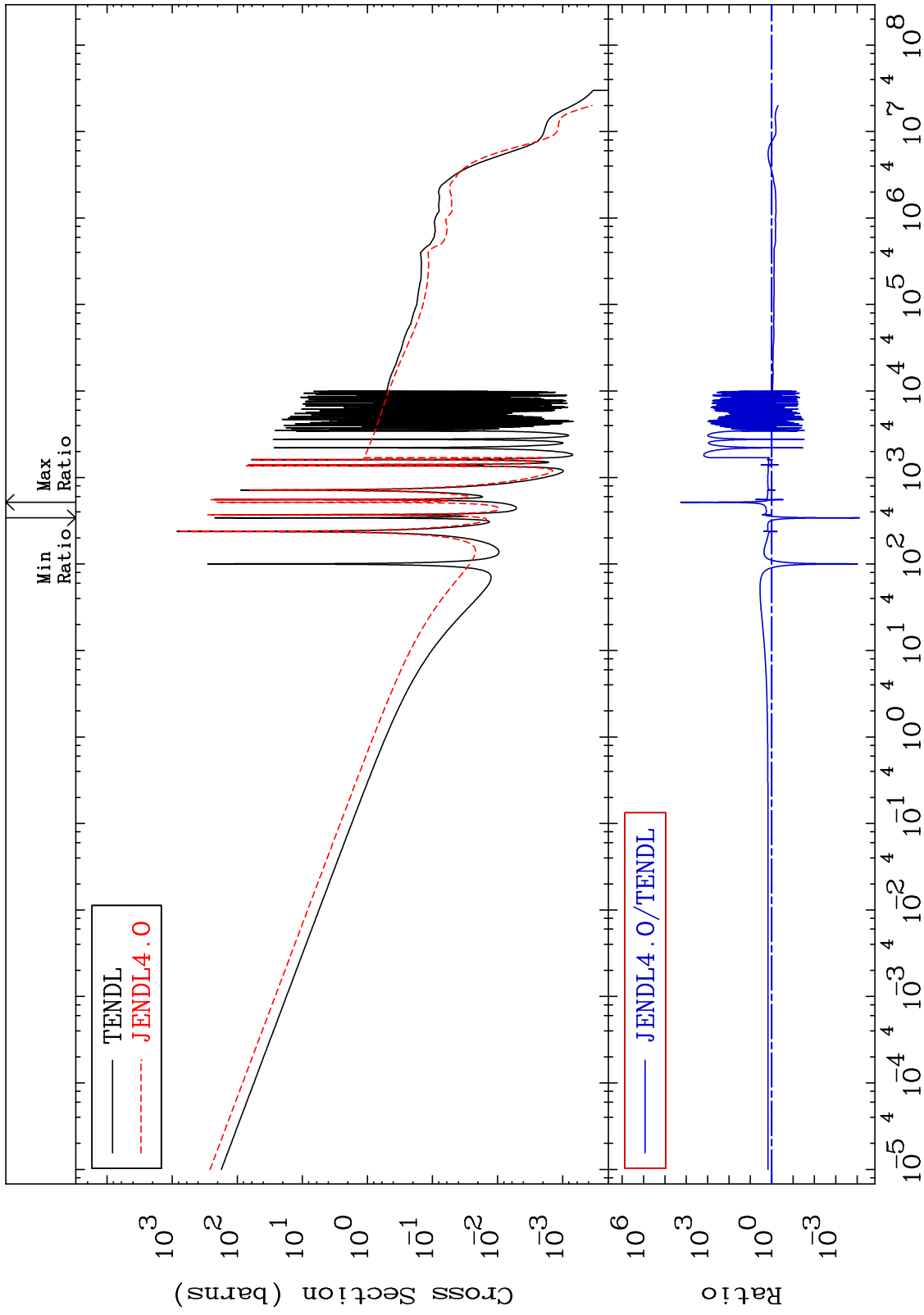
54-Xe-128
-86.29 To 16.64 %



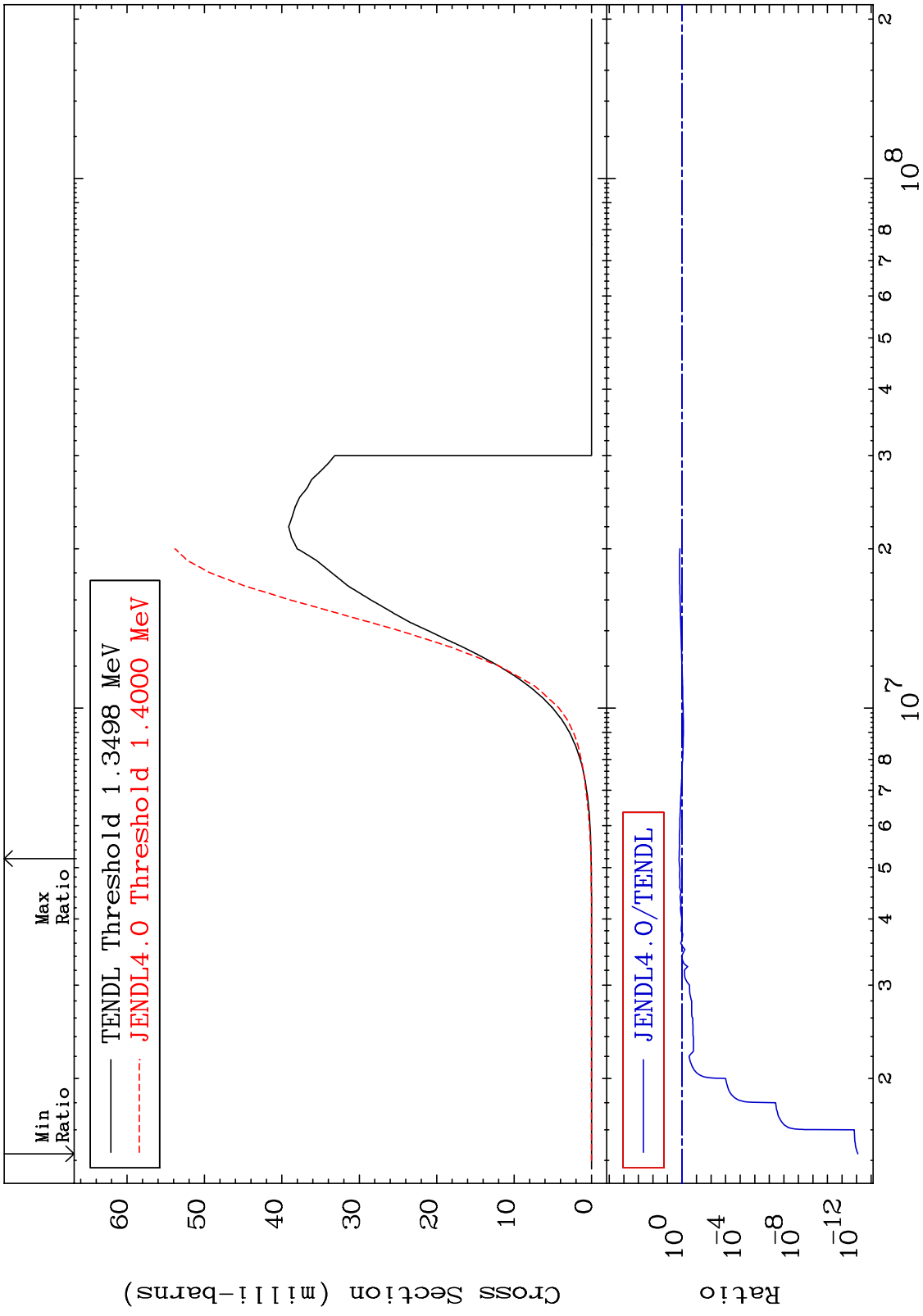
MAT 5437

(n, γ)
Cross Section

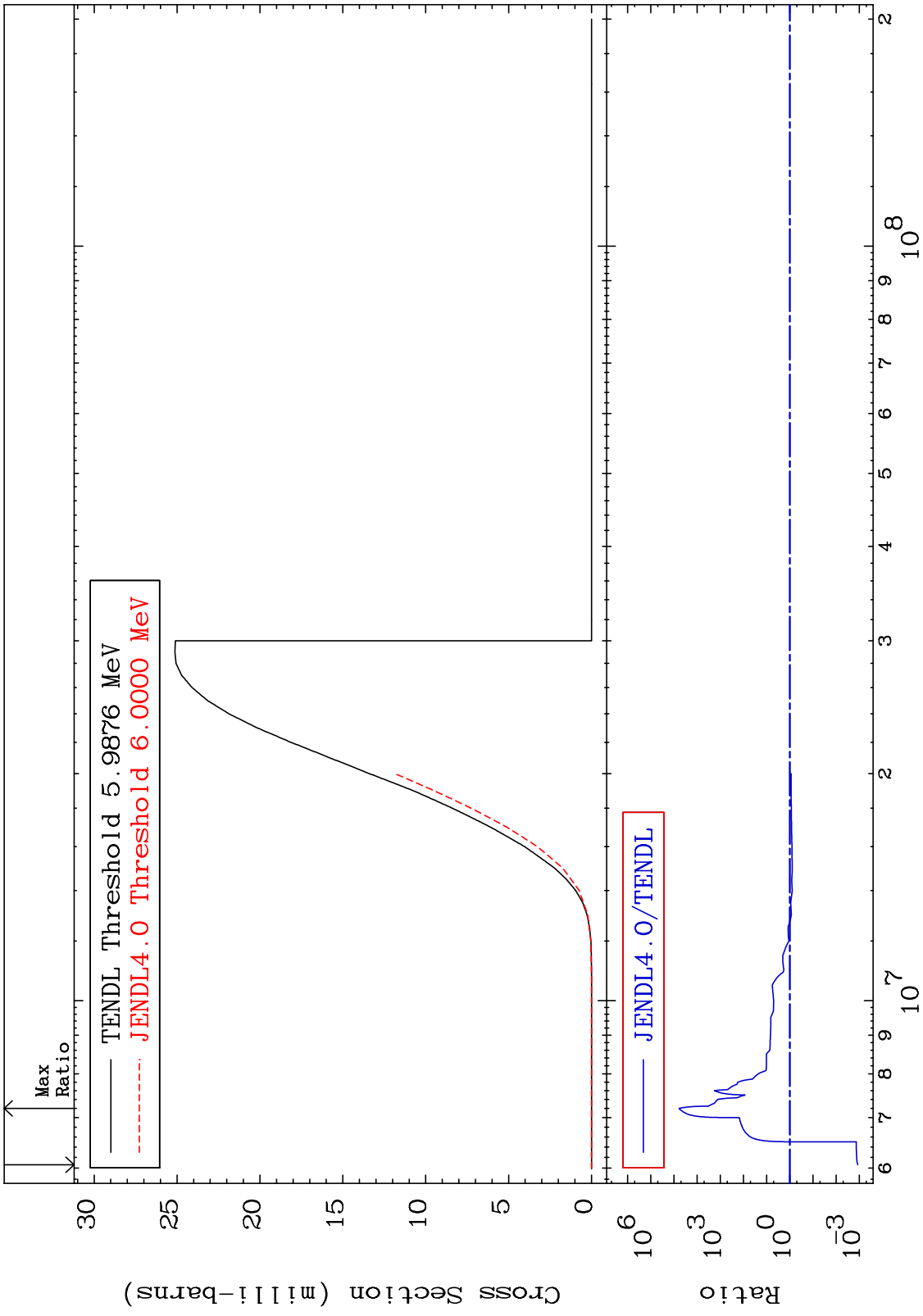
54-Xe-128
-99.99 To 9999. %



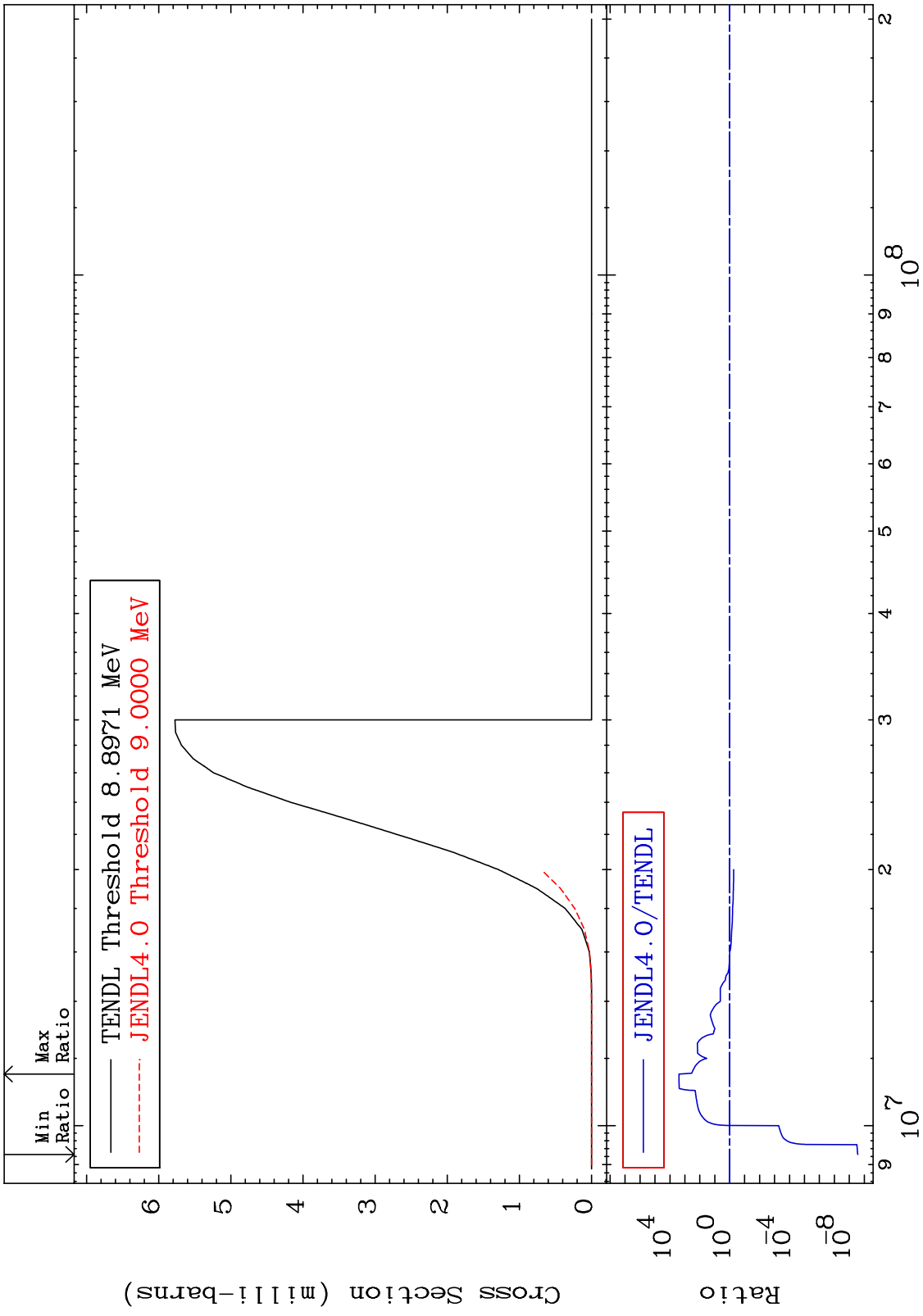
MAT 5437 (n,p) 54-Xe-128
 Cross Section -100.0 To 60.12 %

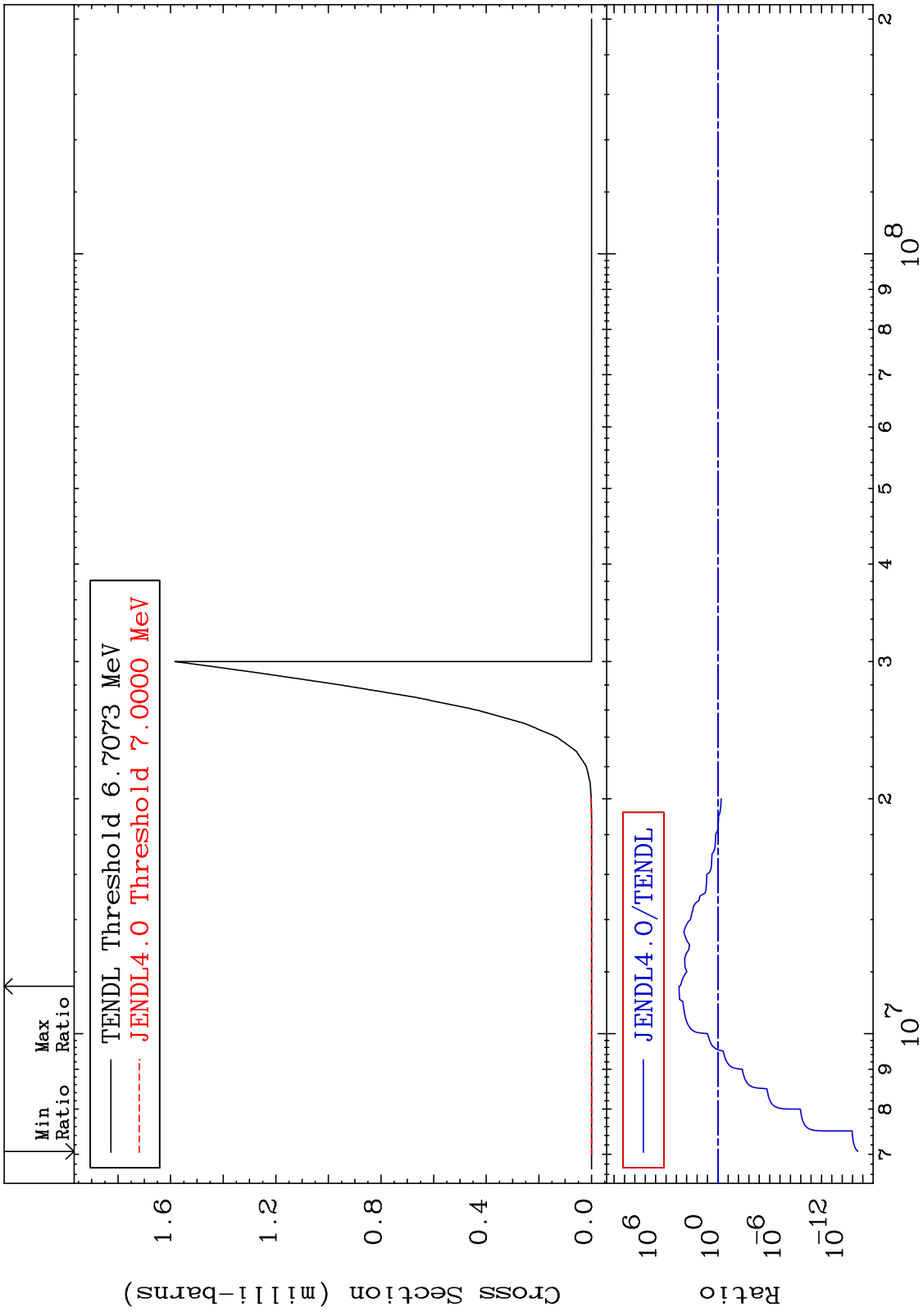


MAT 5437 (n,d) Cross Section 54-Xe-128 -99.88 To 9999. %



MAT 5437 (n,t) 54-Xe-128
 Cross Section -100.0 To 9999. %





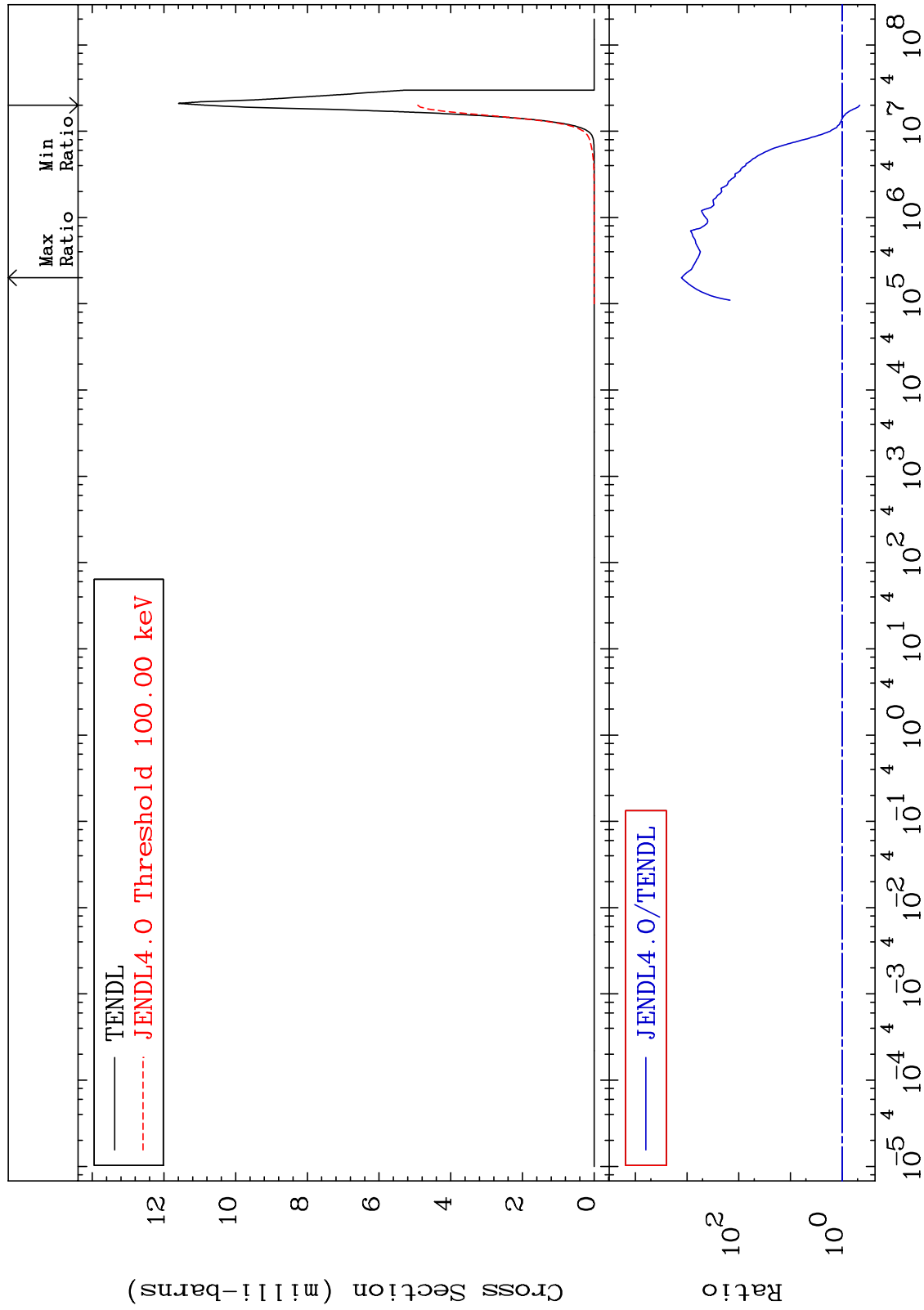
MAT 5437

(n, α)

54-Xe-128

Cross Section

-54.51 To 9999. %



45

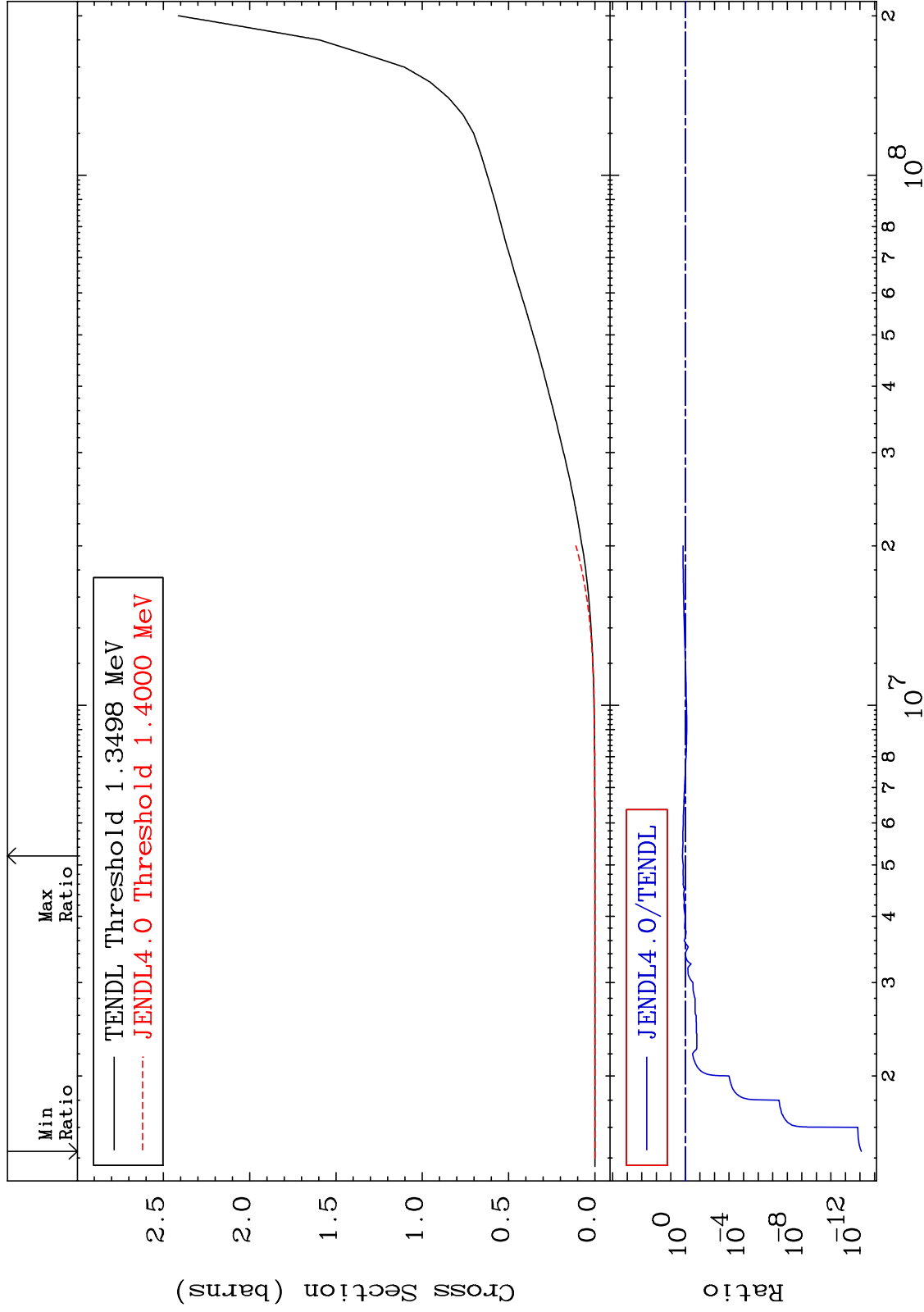
Incident Energy (eV)

54-Xe-128

MAT 5437

Hydrogen Production
Cross Section

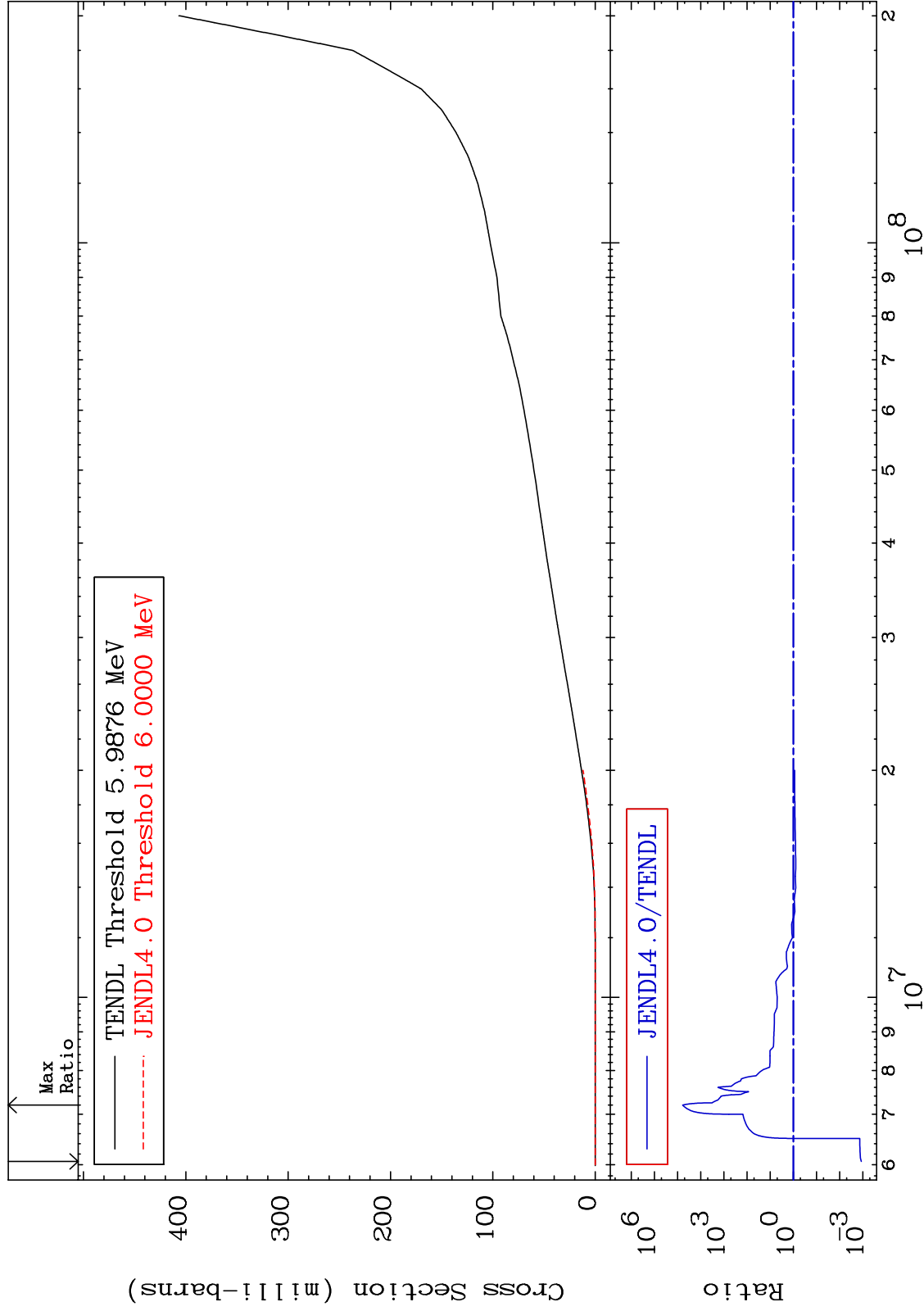
54-Xe-128
-100.0 To 60.12 %



MAT 5437

Deuterium Production
Cross Section

54-Xe-128
-99.88 To 9999. %



47

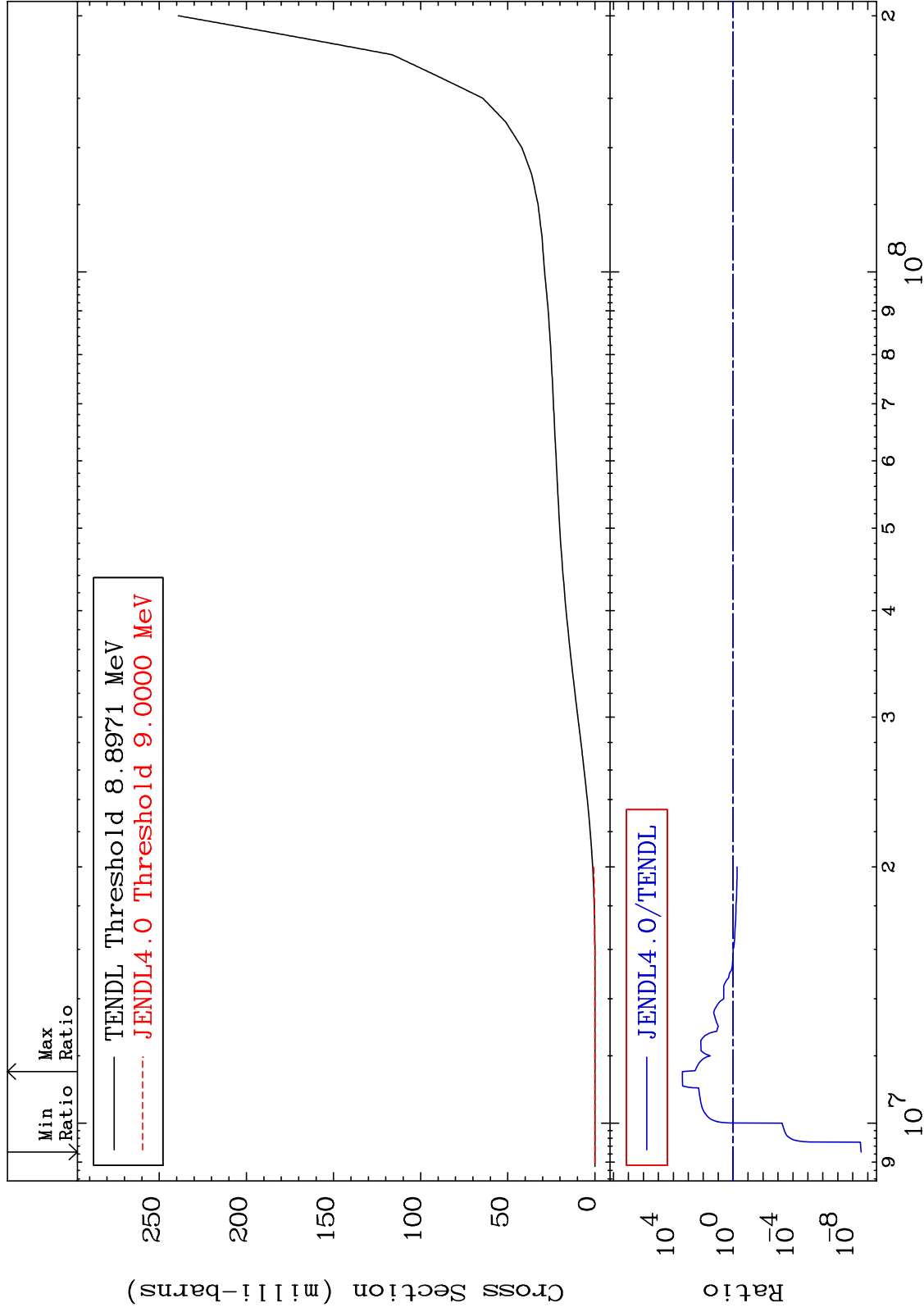
Incident Energy (eV)

54-Xe-128

MAT 5437

Tritium Production
Cross Section

54-Xe-128
-100.0 To 9999. %



48

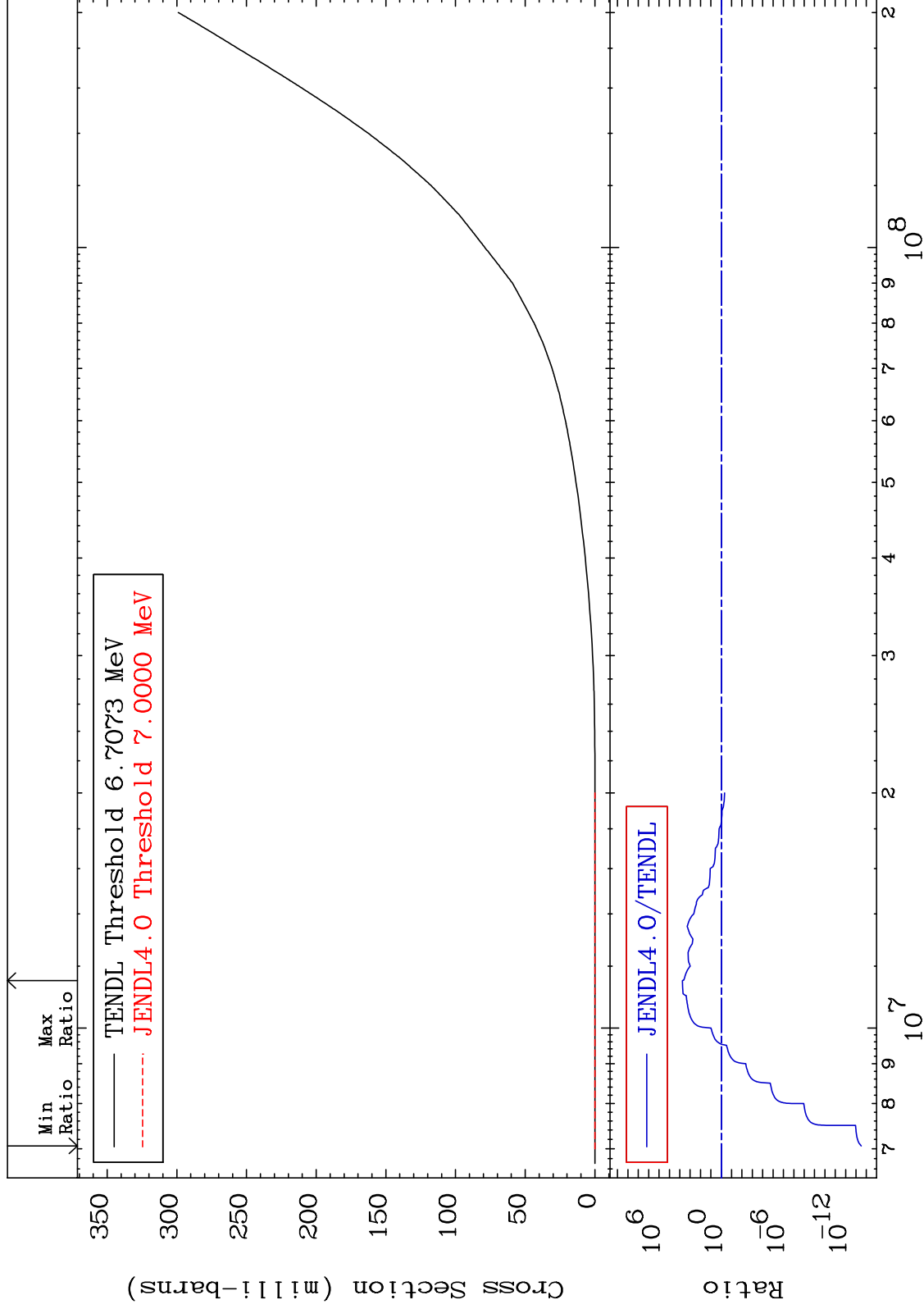
Incident Energy (eV)

54-Xe-128

MAT 5437

He-3 Production
Cross Section

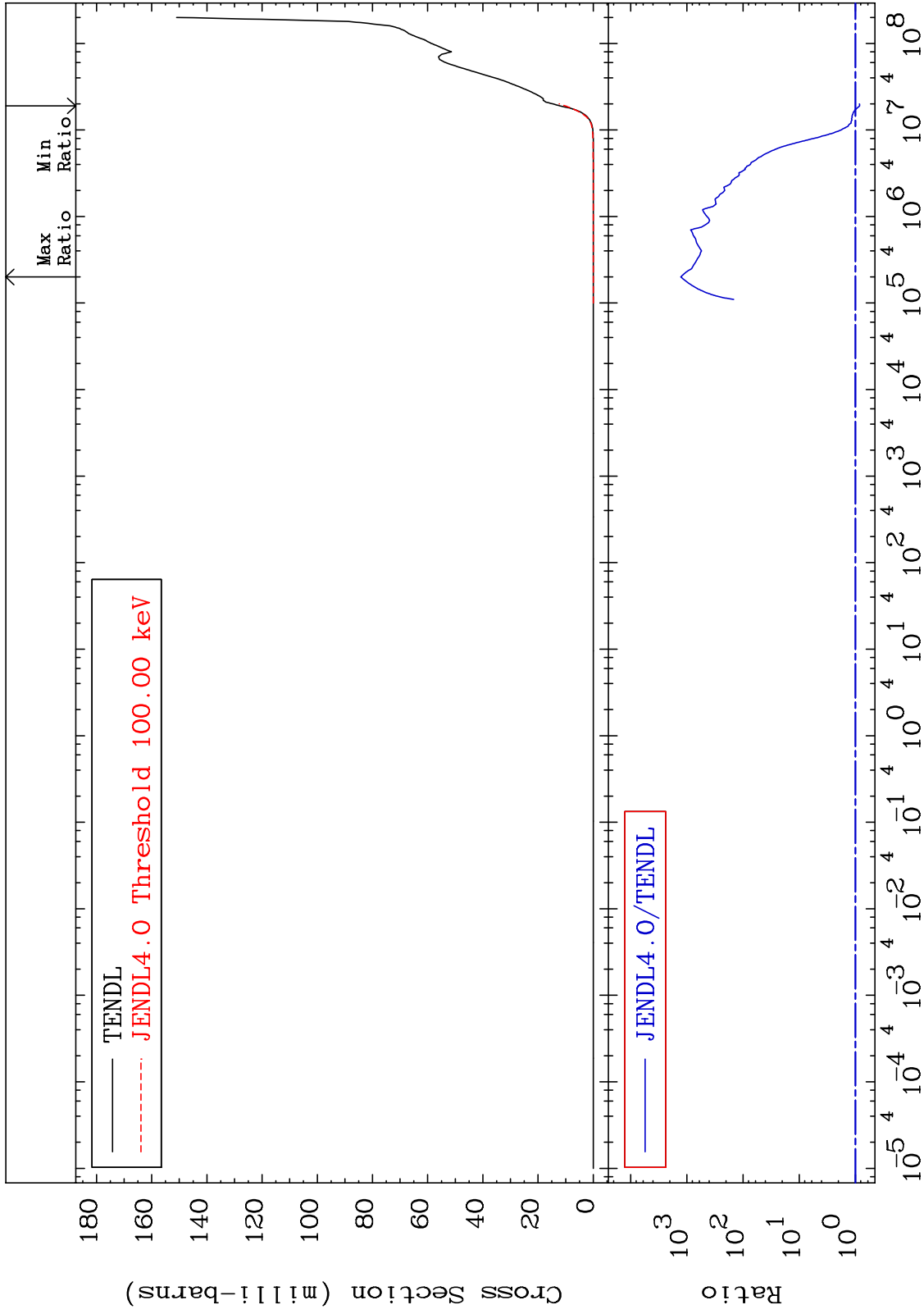
54-Xe-128
-100.0 To 9999. %



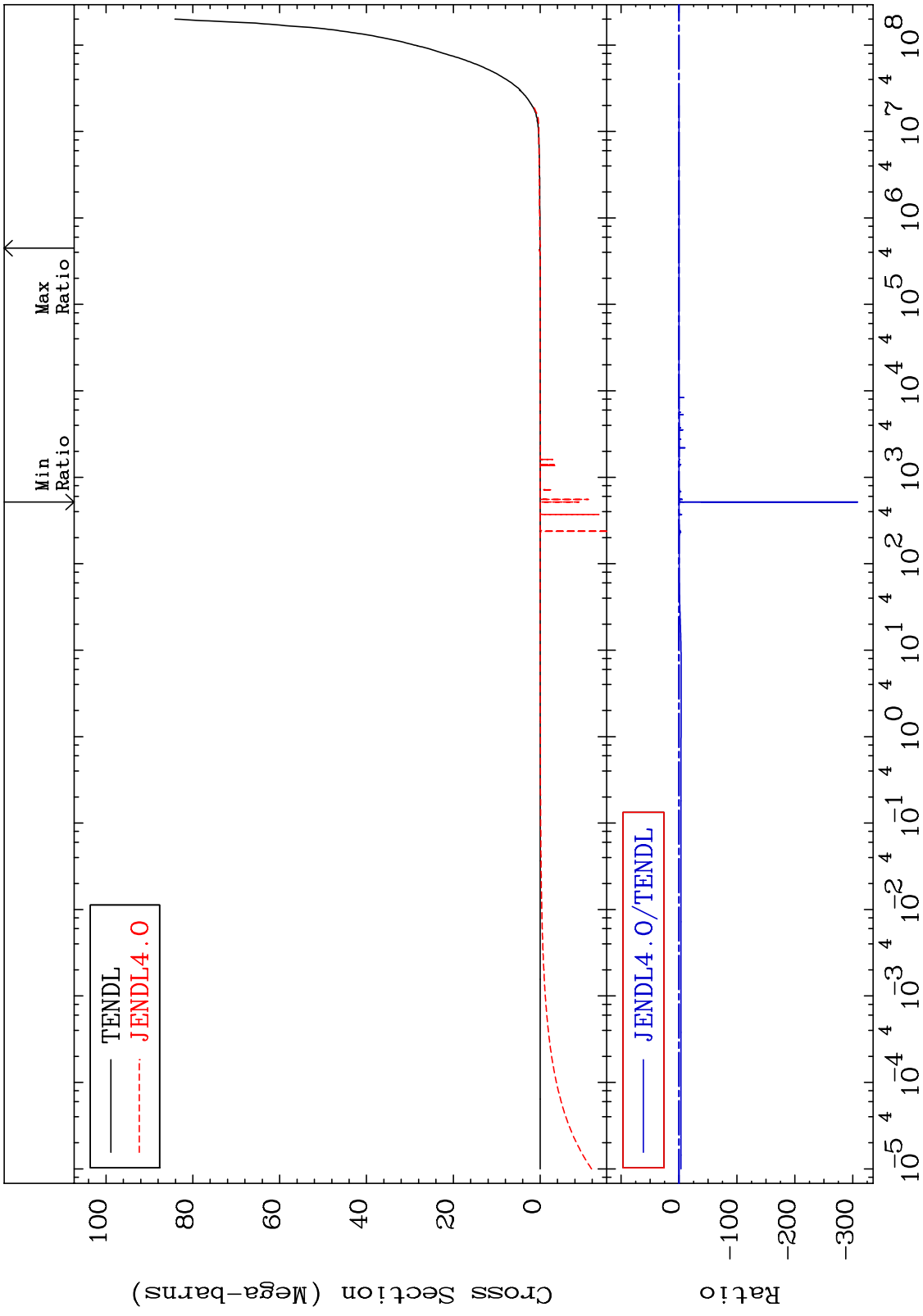
MAT 5437

He-4 Production
Cross Section

54-Xe-128
-16.15 To 9999. %



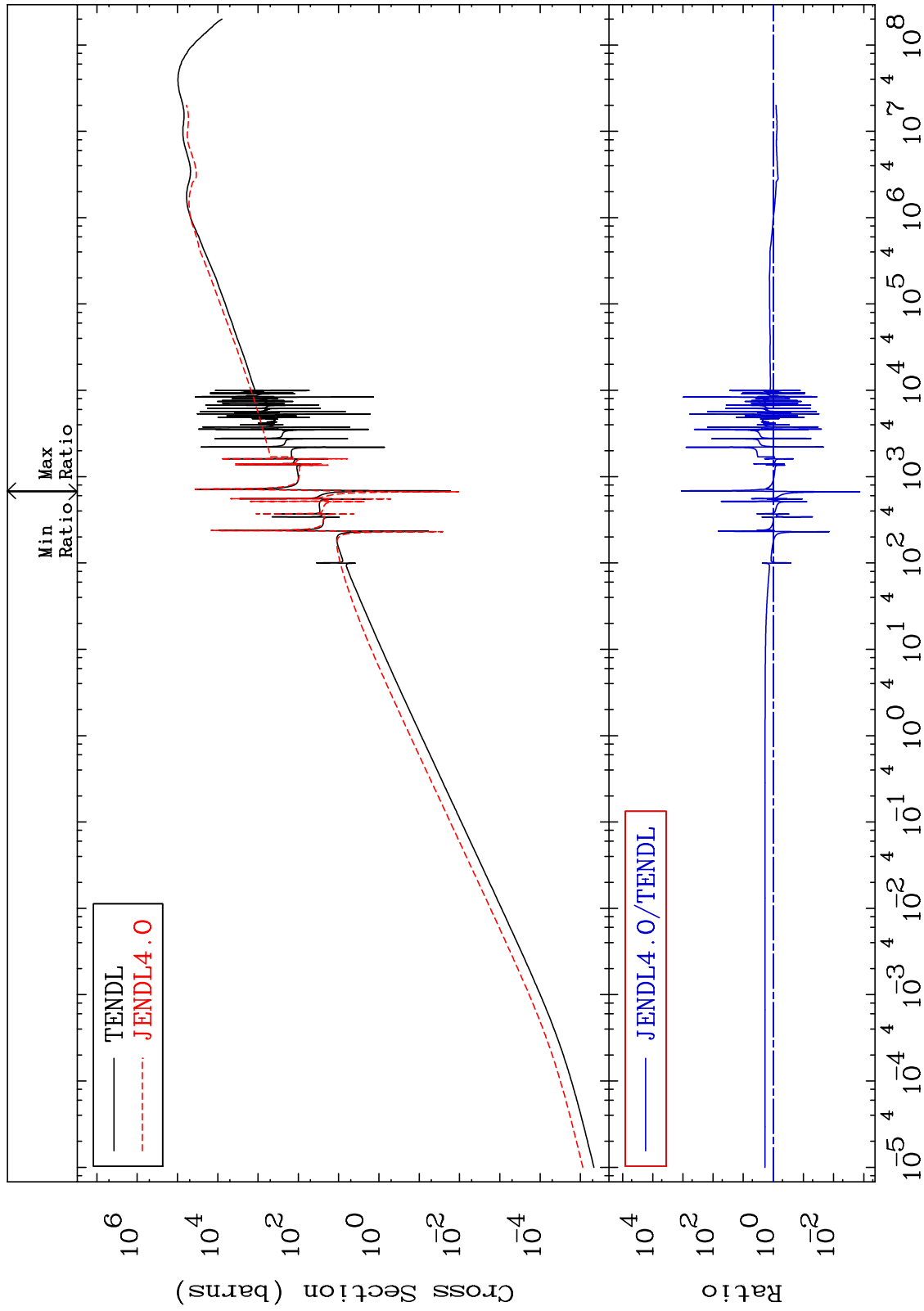
MAT 5437 Kerma total (eV-barns) 54-Xe-128
 Cross Section -9999. To 1485. %



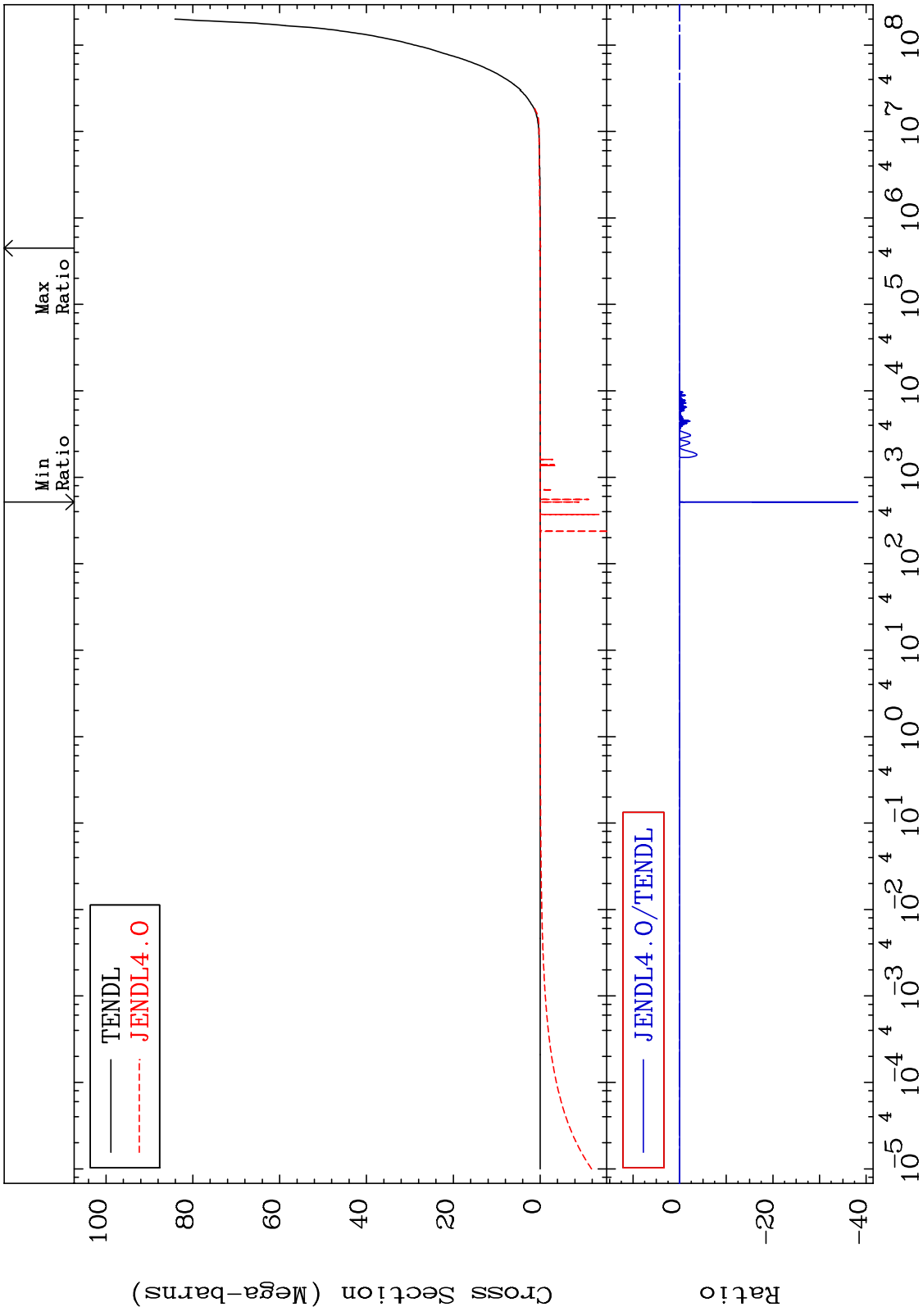
MAT 5437

Kerma elastic
Cross Section

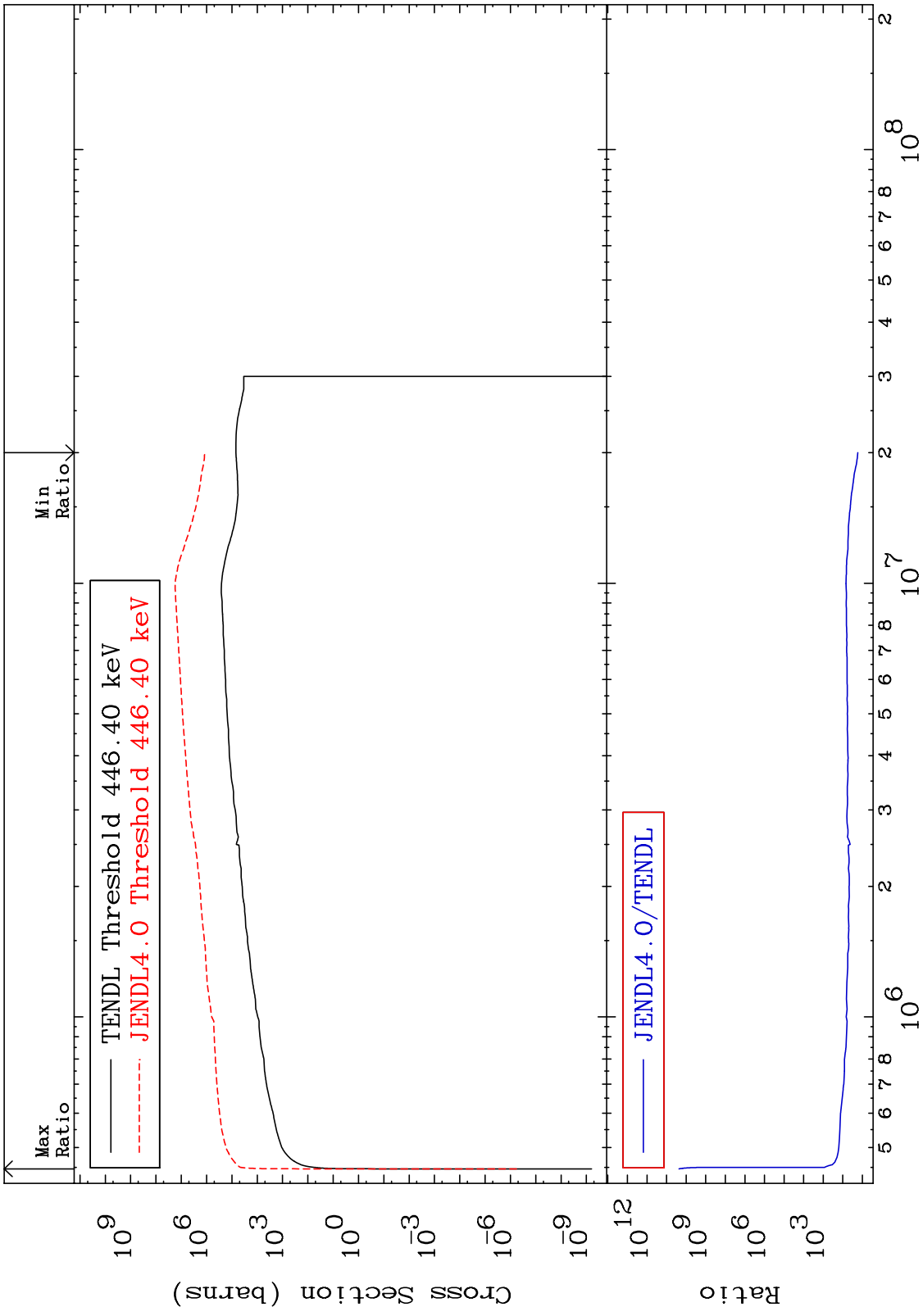
54-Xe-128
-99.86 To 9999. %



MAT 5437 Kerma non-elastic (all but mt.2) 54-Xe-128
 Cross Section -9999. To 9999. %



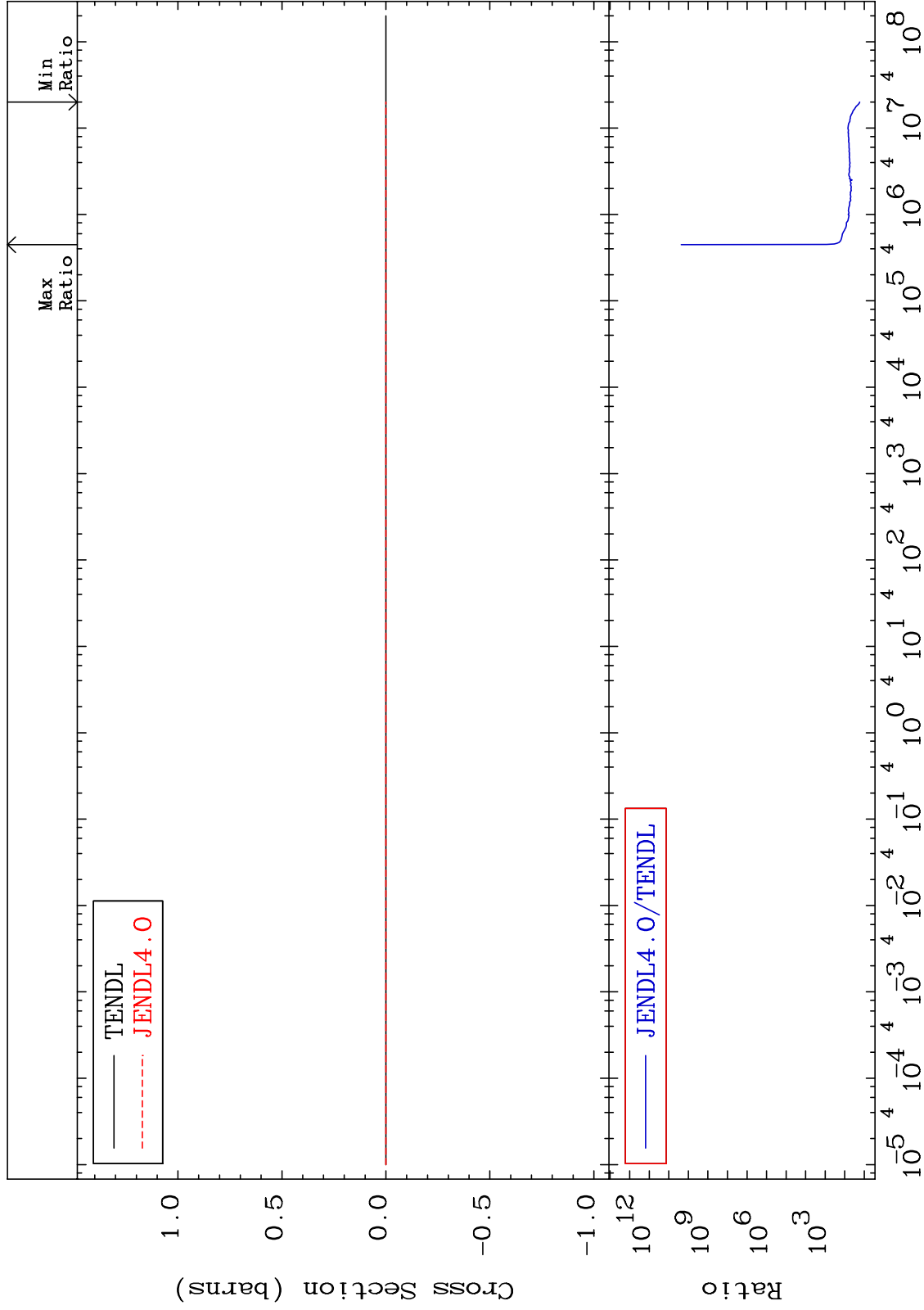
MAT 5437 Kerma inelastic (mt51-91) 54-Xe-128
 Cross Section 1604. To 9999. %



MAT 5437

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

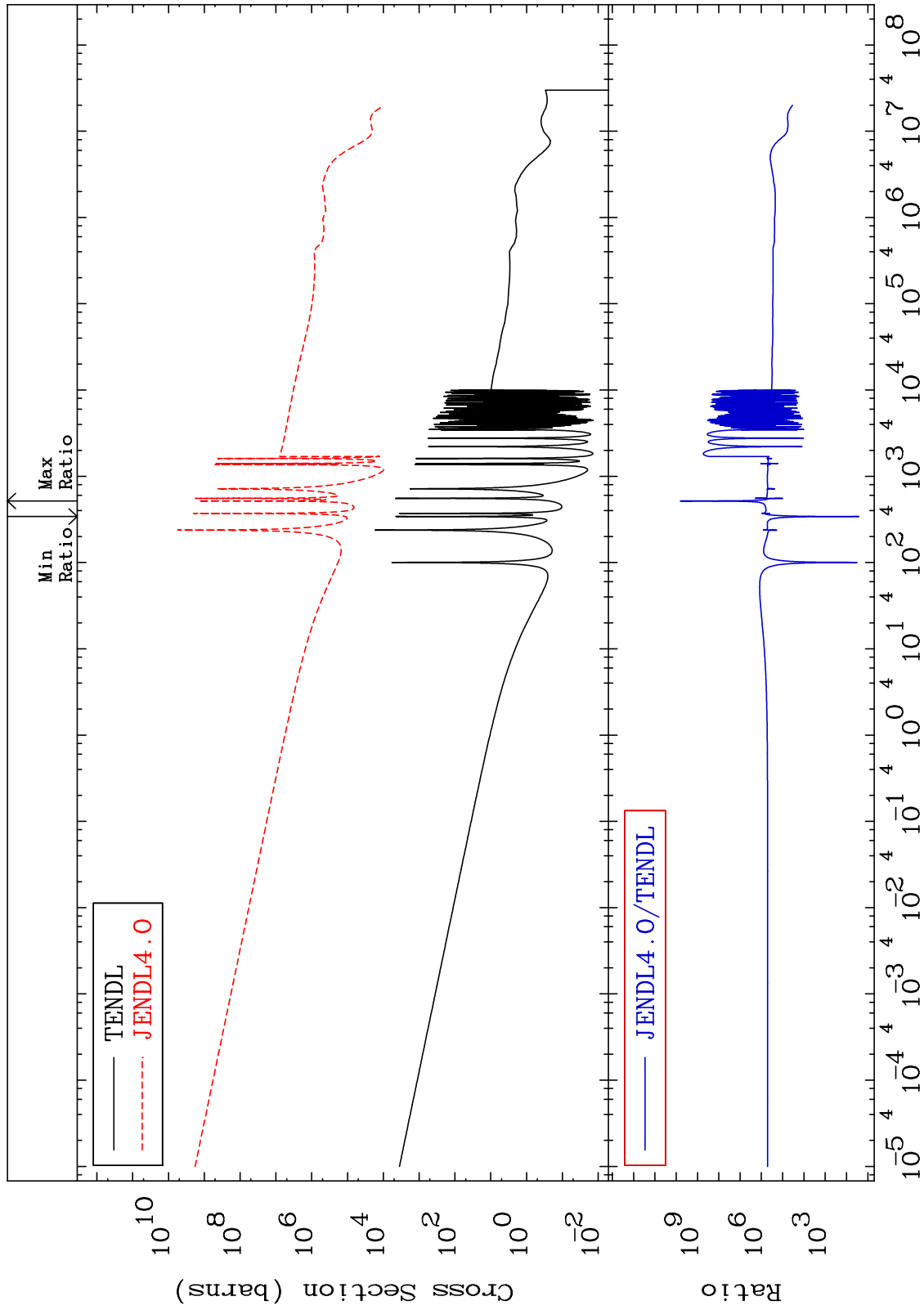
54-Xe-128
1604. To 9999. %



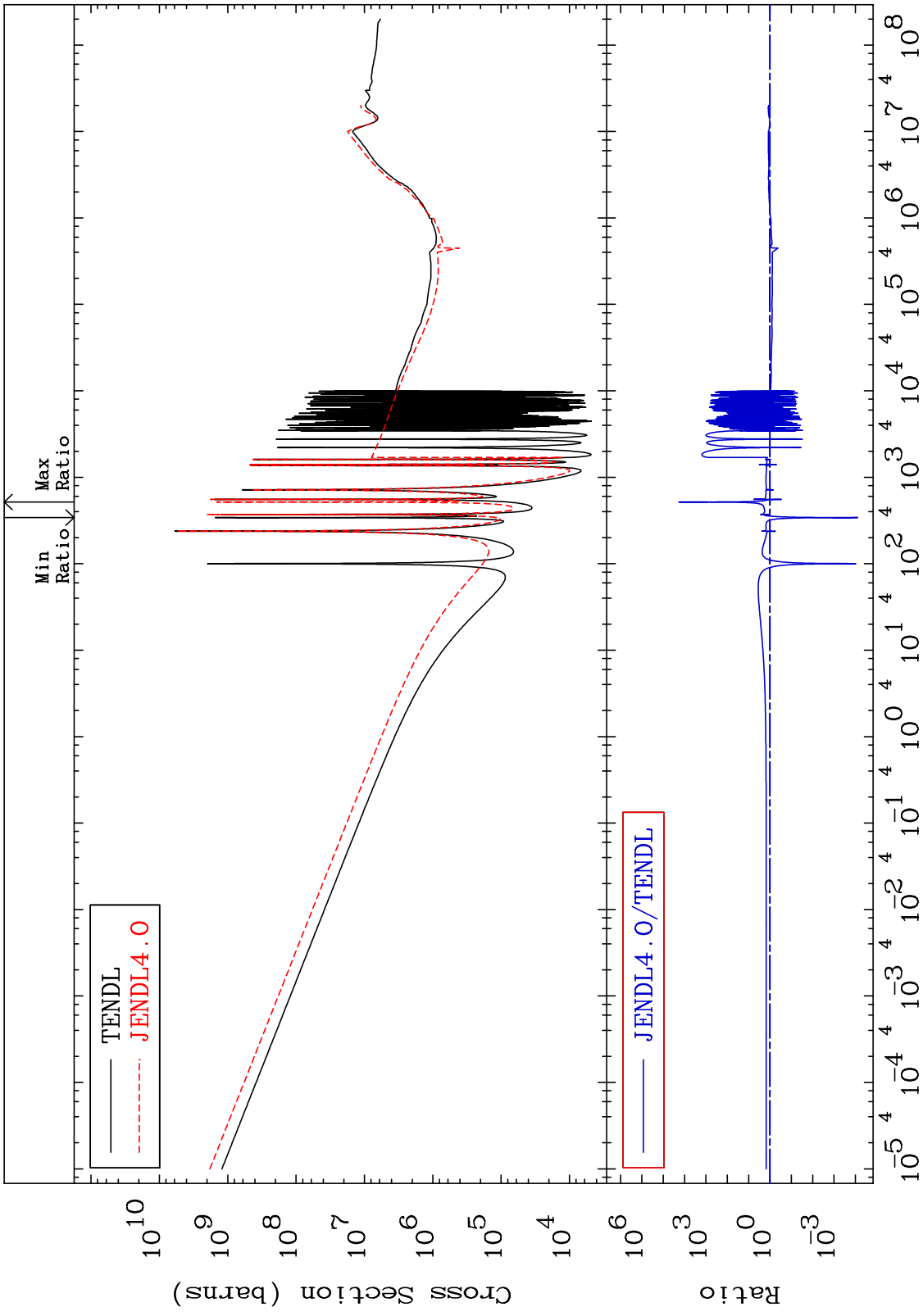
MAT 5437

Kerma capture (mt102)
Cross Section

54-Xe-128
2497. To 9999. %

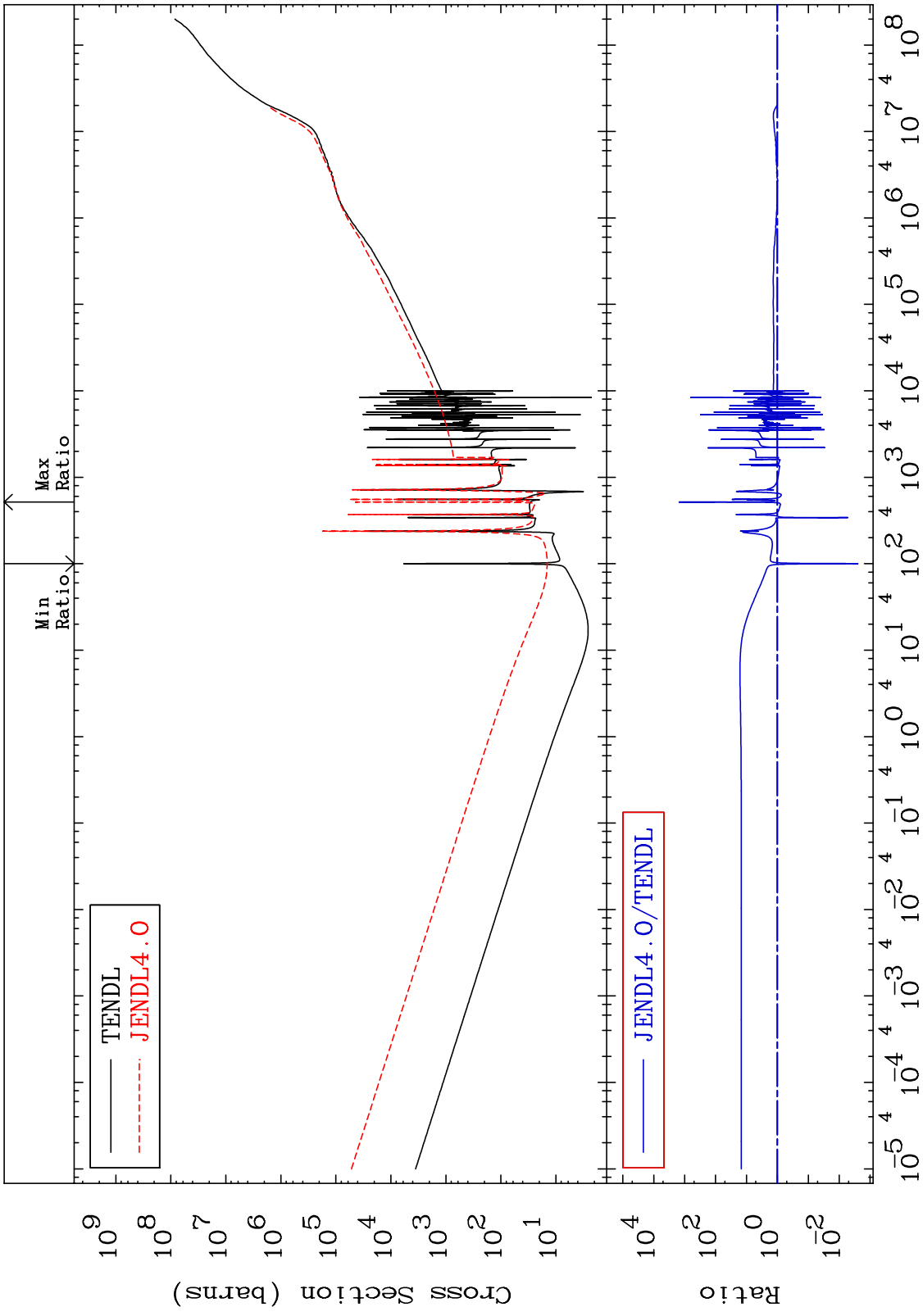


MAT 5437 Total photon (eV-barns) 54-Xe-128
 Cross Section -99.99 To 9999. %



57 54-Xe-128

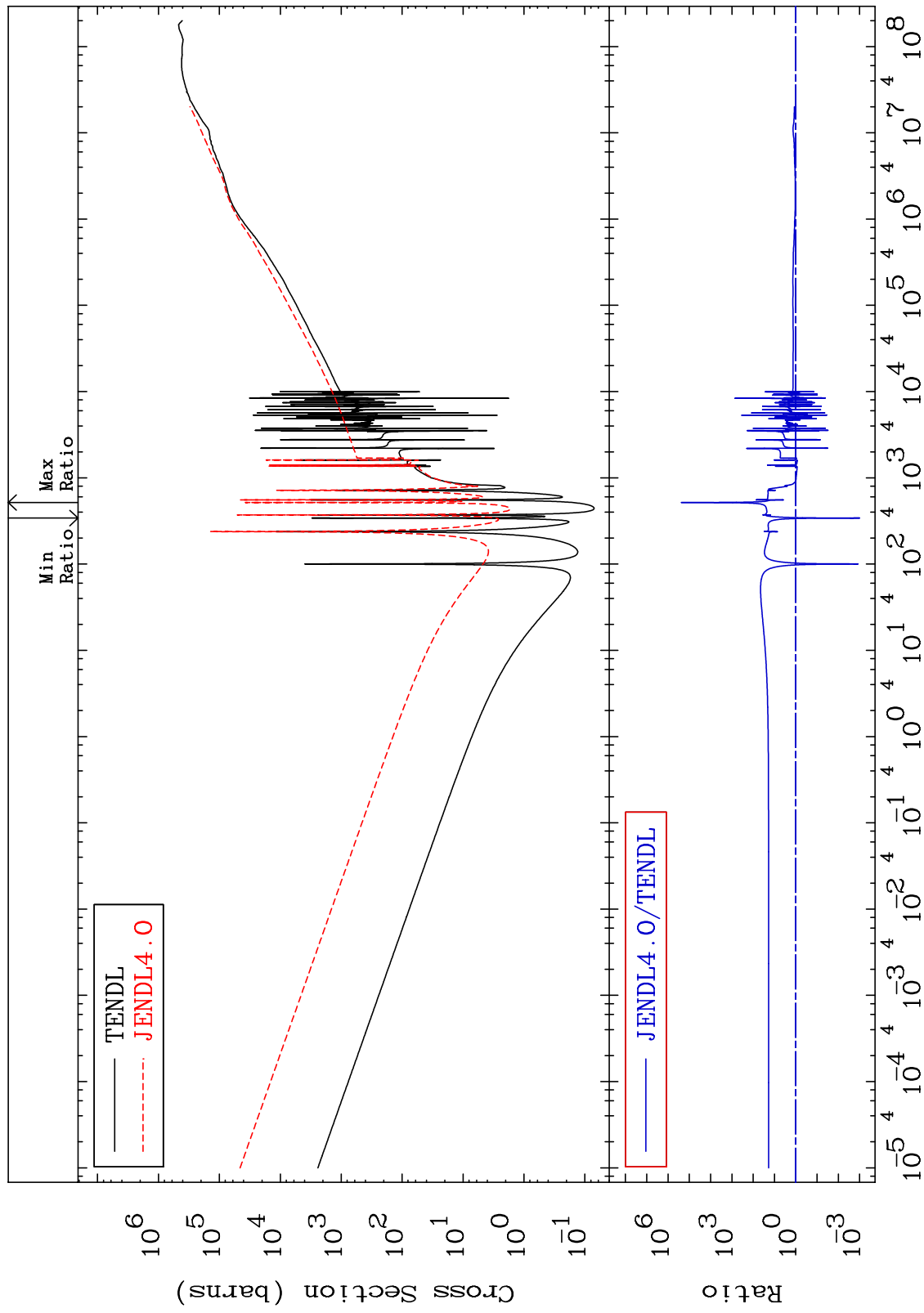
MAT 5437 Total kinematic kerma (high limit) 54-Xe-128
 Cross Section -99.75 To 9999. %



MAT 5437

Dpa total (eV-barns)
Cross Section

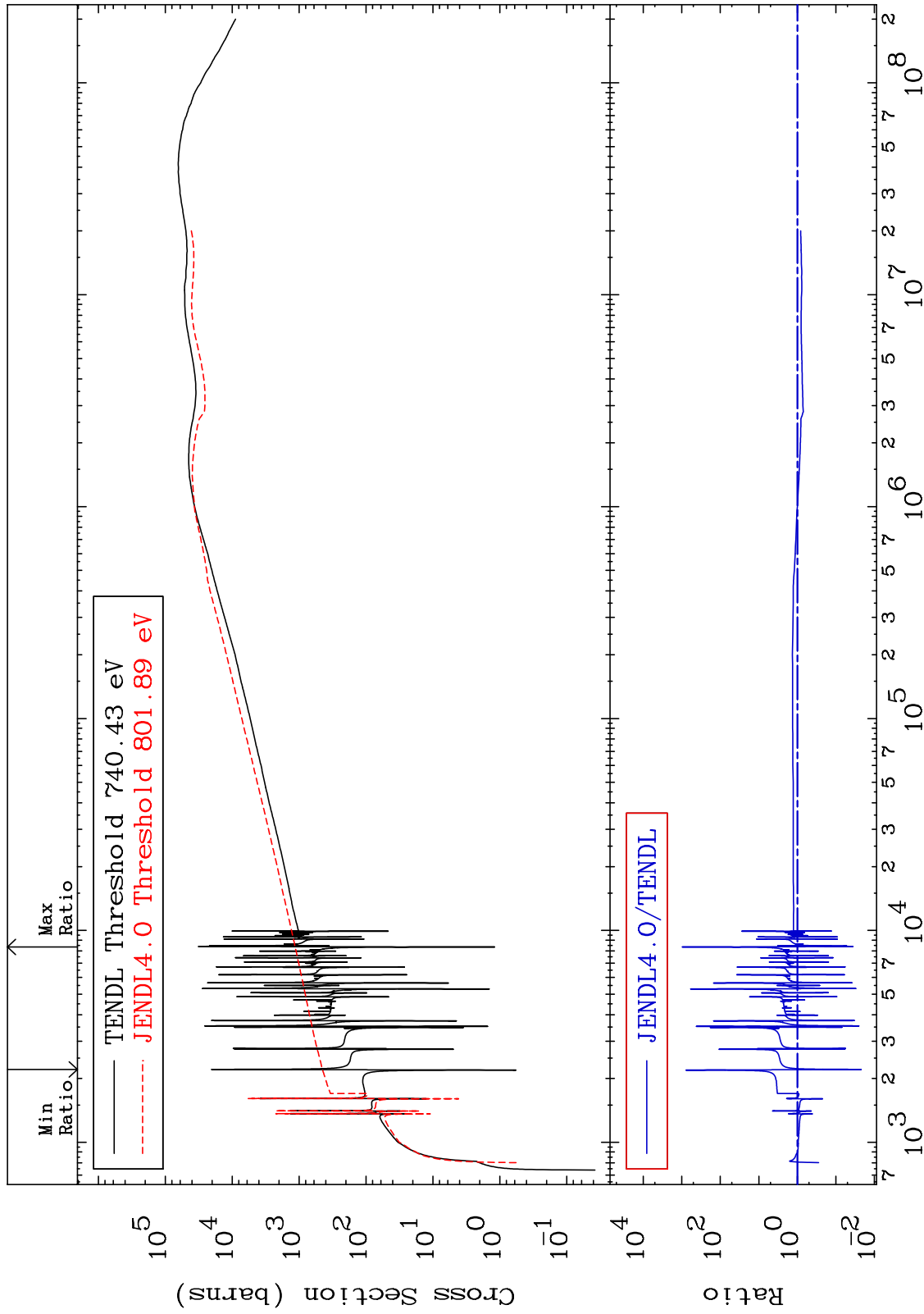
54-Xe-128
-99.90 To 9999. %



MAT 5437

Dpa elastic (mt2)
Cross Section

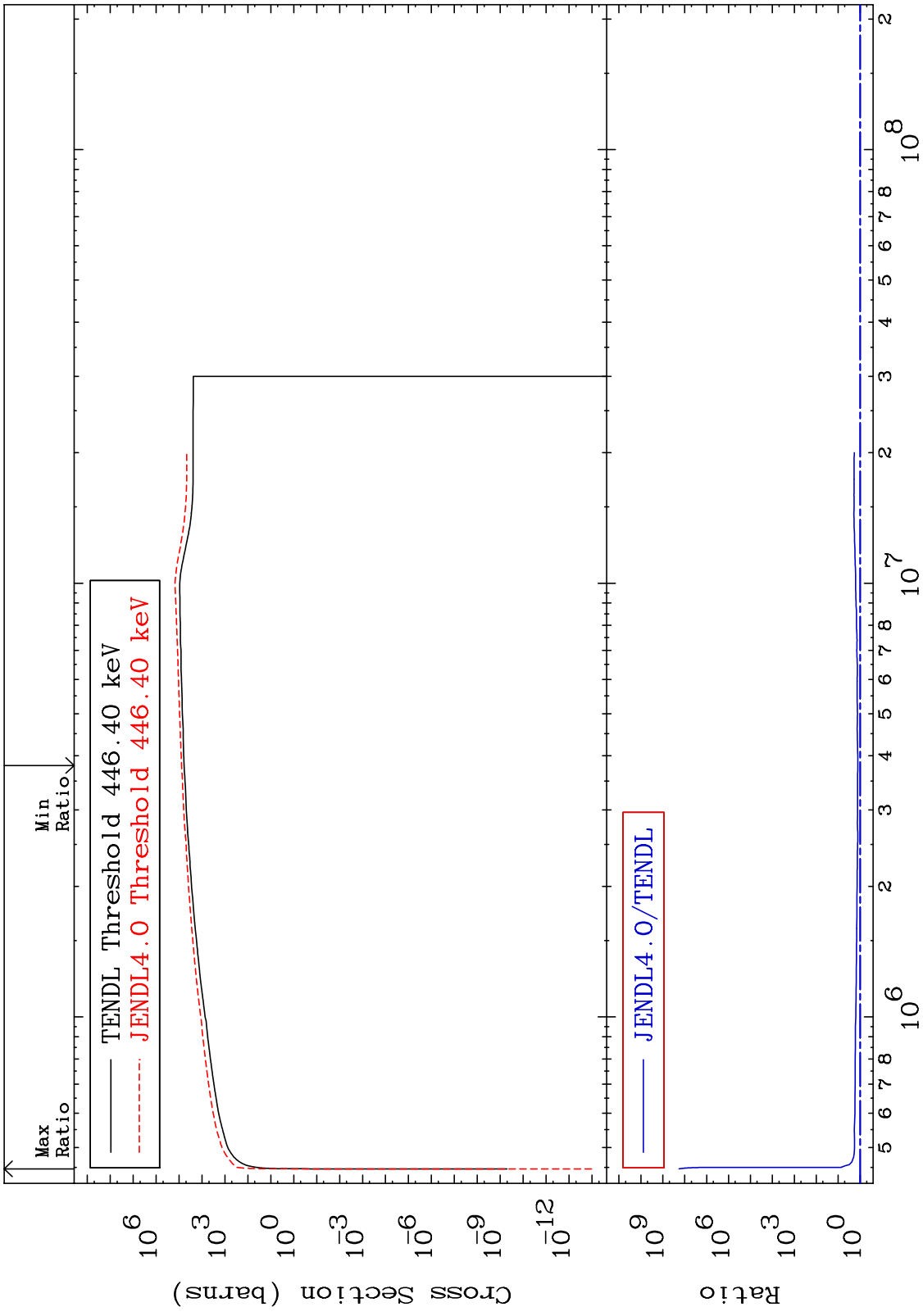
54-Xe-128
-97.81 To 9999. %



60

Incident Energy (eV)

54-Xe-128



MAT 5437

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-128
-99.90 To 9999. %

