

Program Complot
(Version 2018-1)

by

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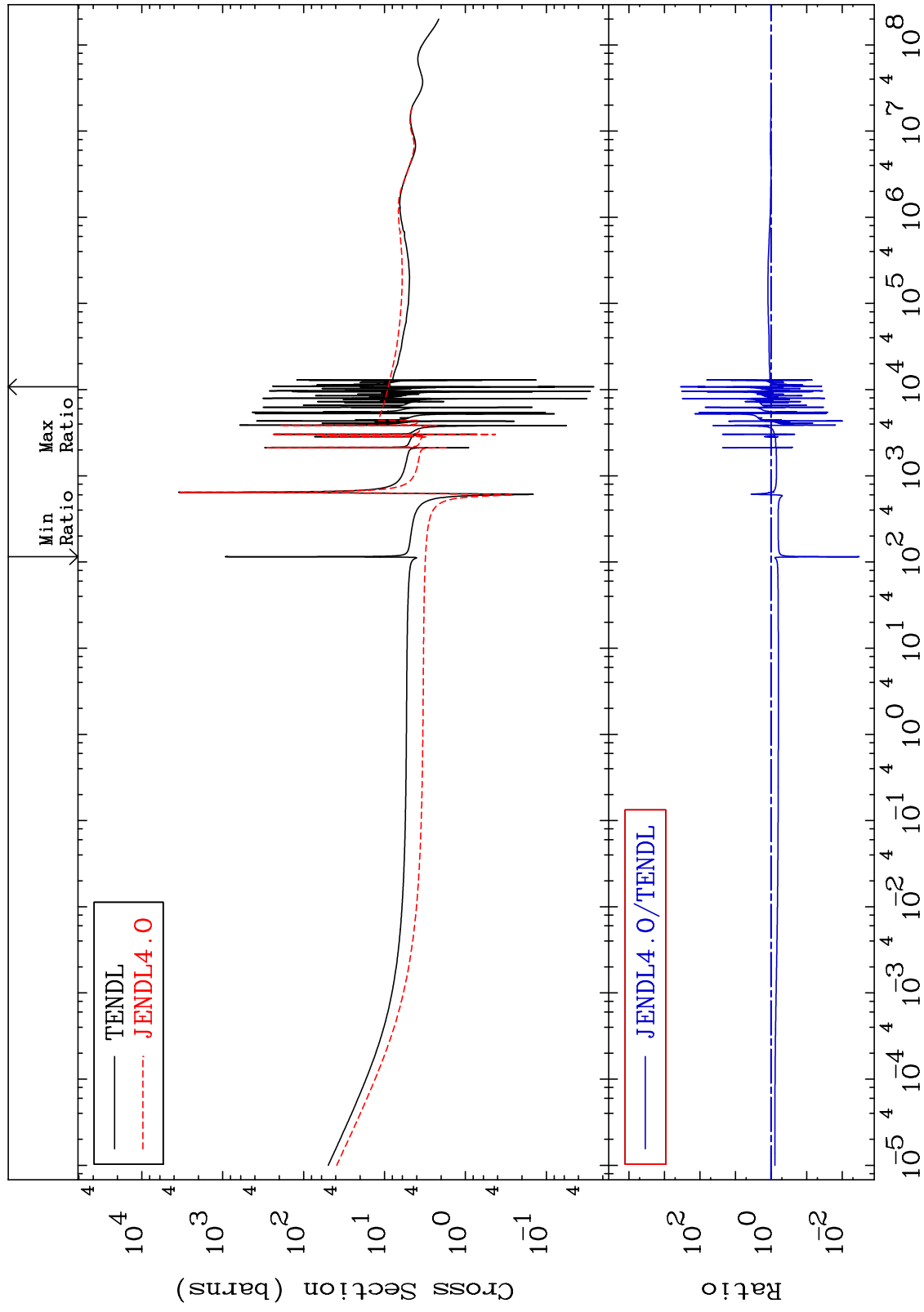
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5449 54-Xe-132 -99.67 To 9999. %

Total Cross Section



54-Xe-132

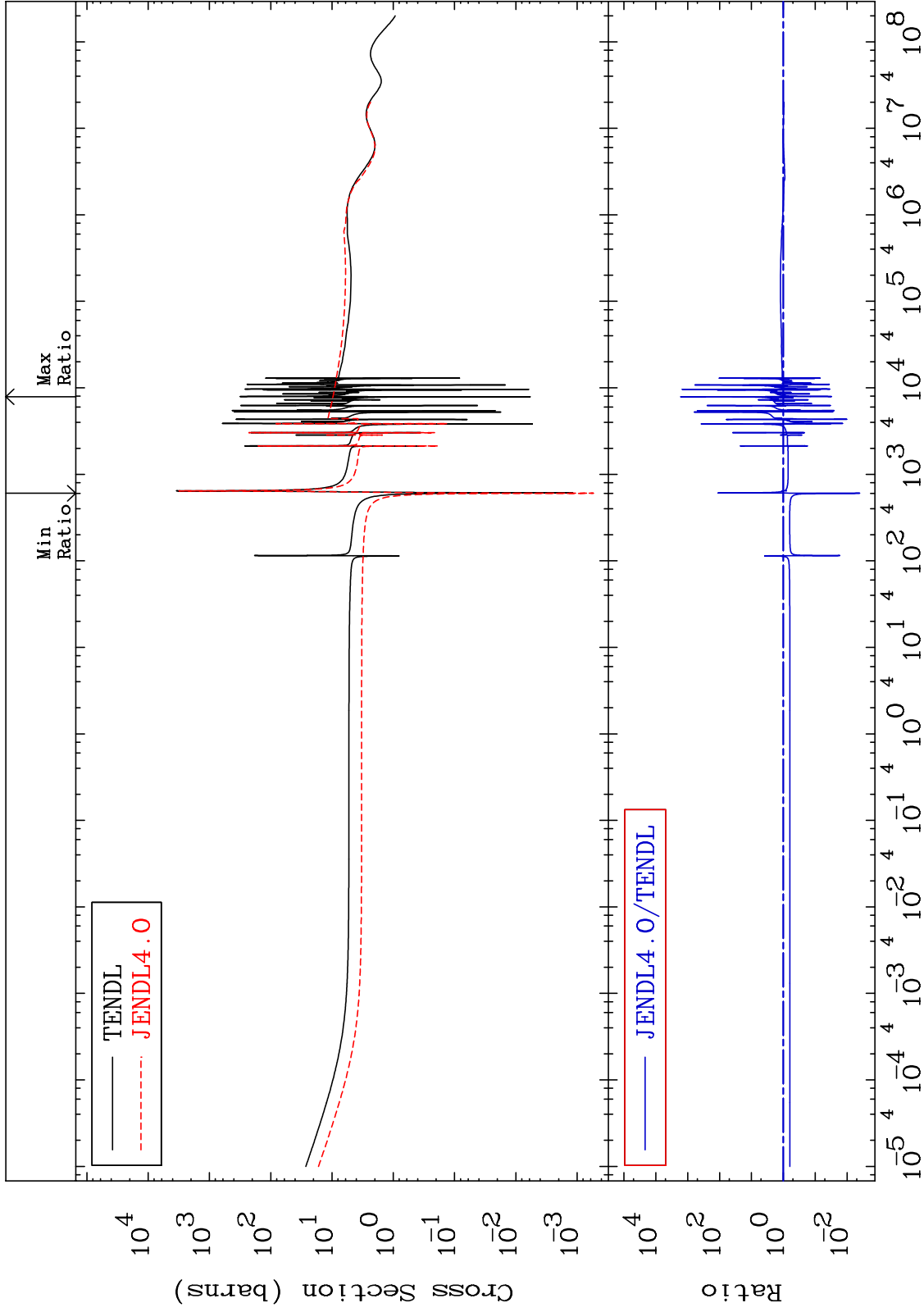
Incident Energy (eV)

1

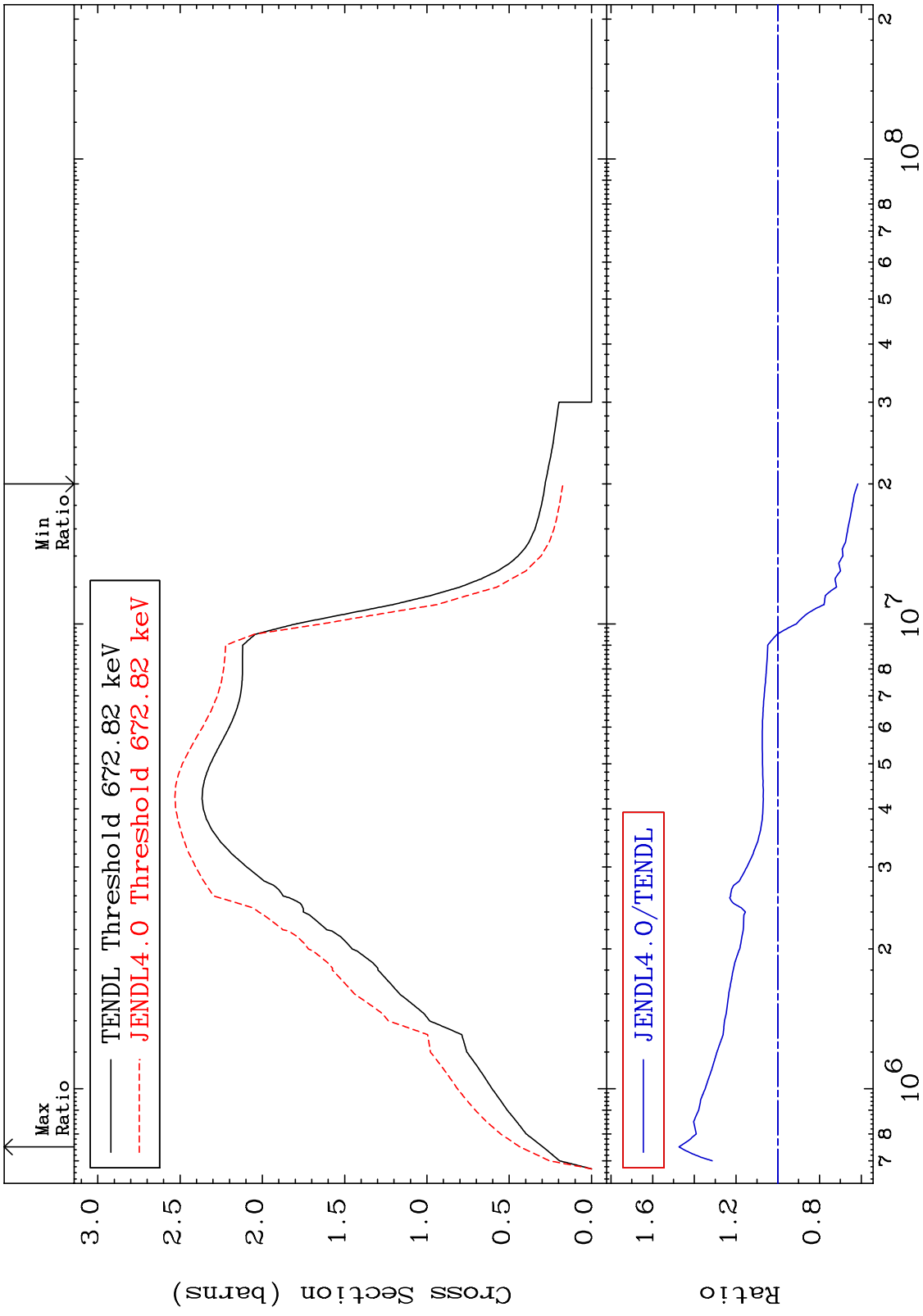
MAT 5449

Elastic
Cross Section

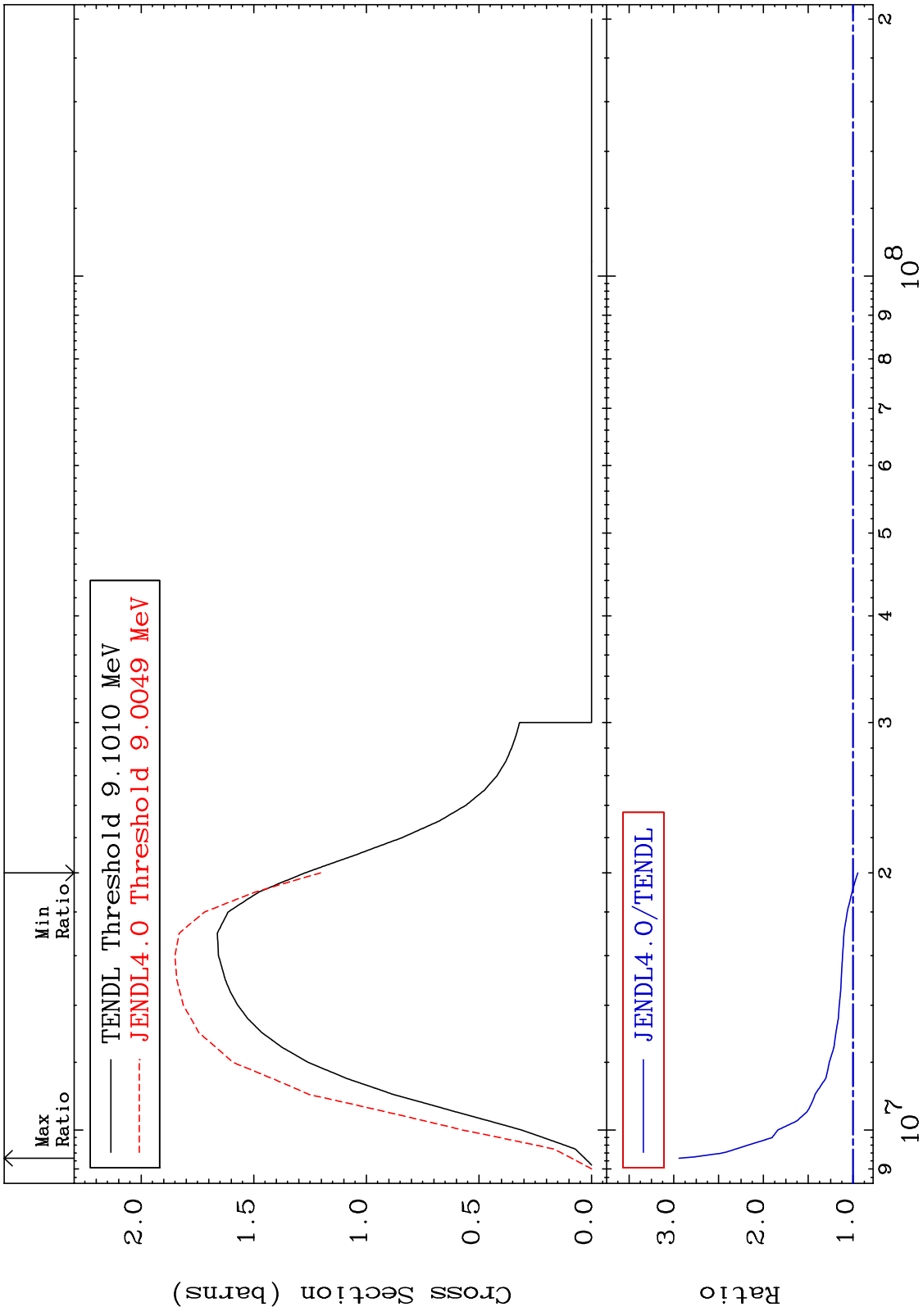
54-Xe-132
-99.60 To 9999. %



MAT 5449 Inelastic Cross Section 54-Xe-132 -38.38 To 47.35 %



MAT 5449 (n,2n) Cross Section 54-Xe-132 -5.349 To 194.2 %



4 54-Xe-132

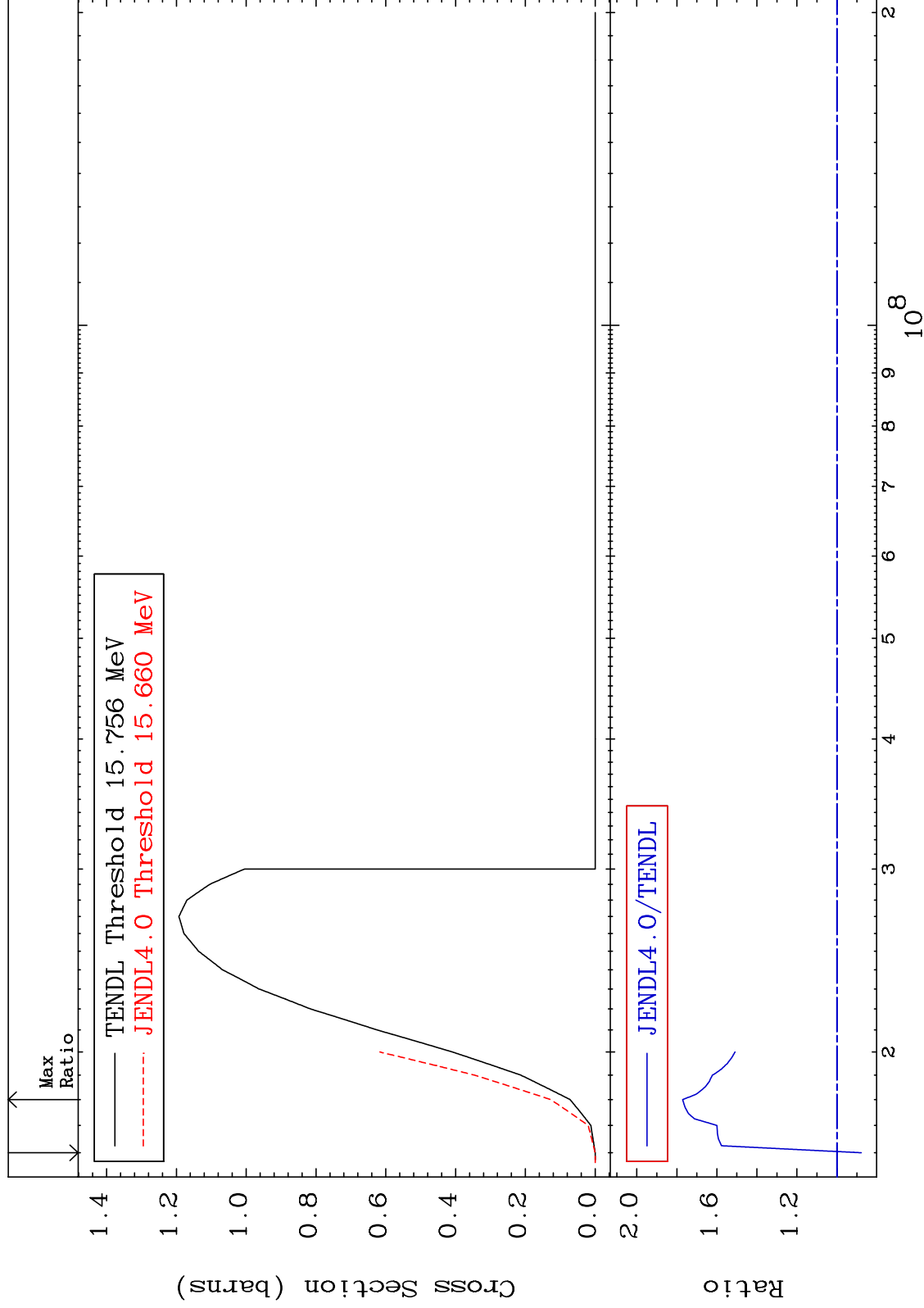
MAT 5449

(n,3n)

54-Xe-132

Cross Section

-12.18 To 77.08 %

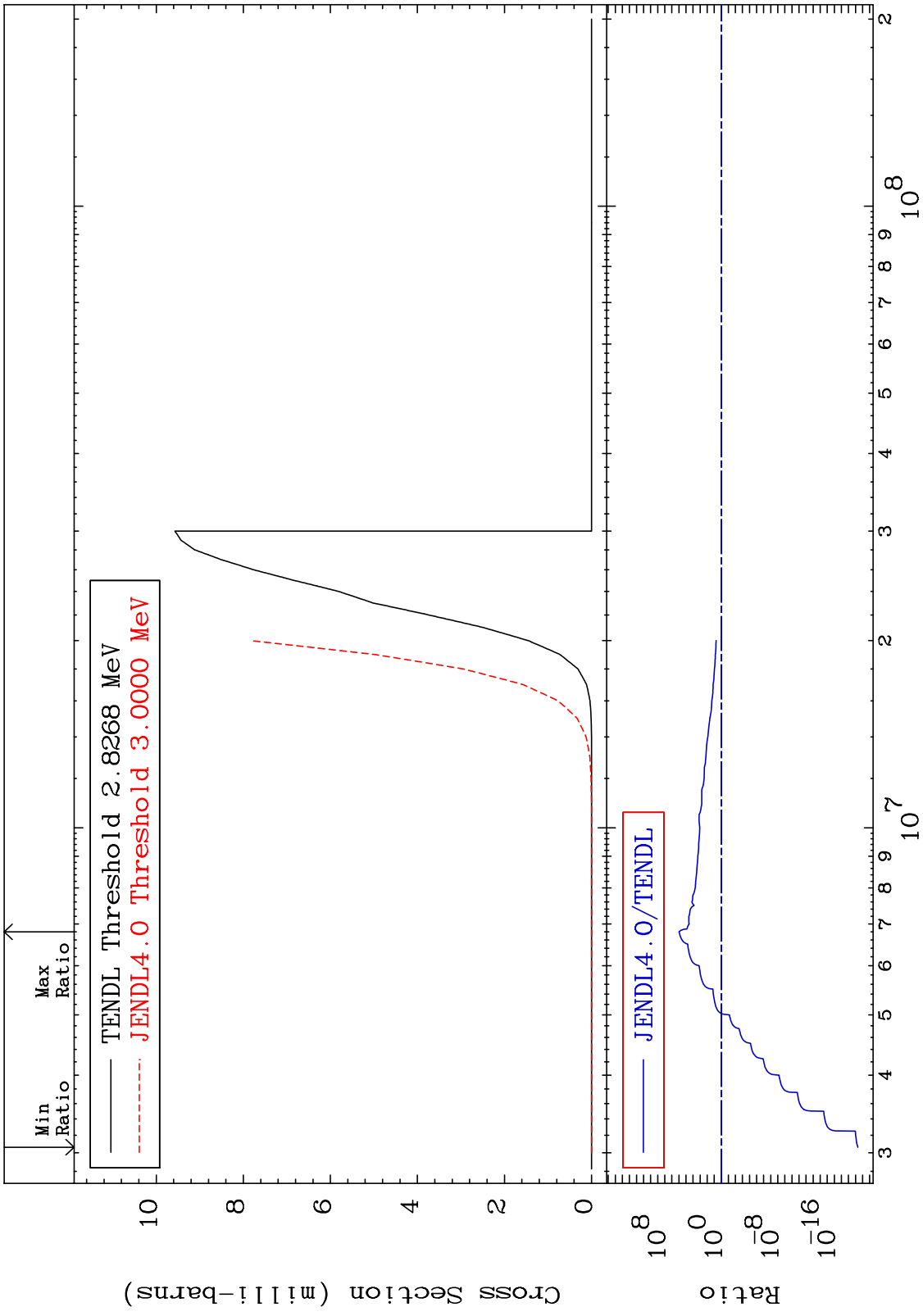


5

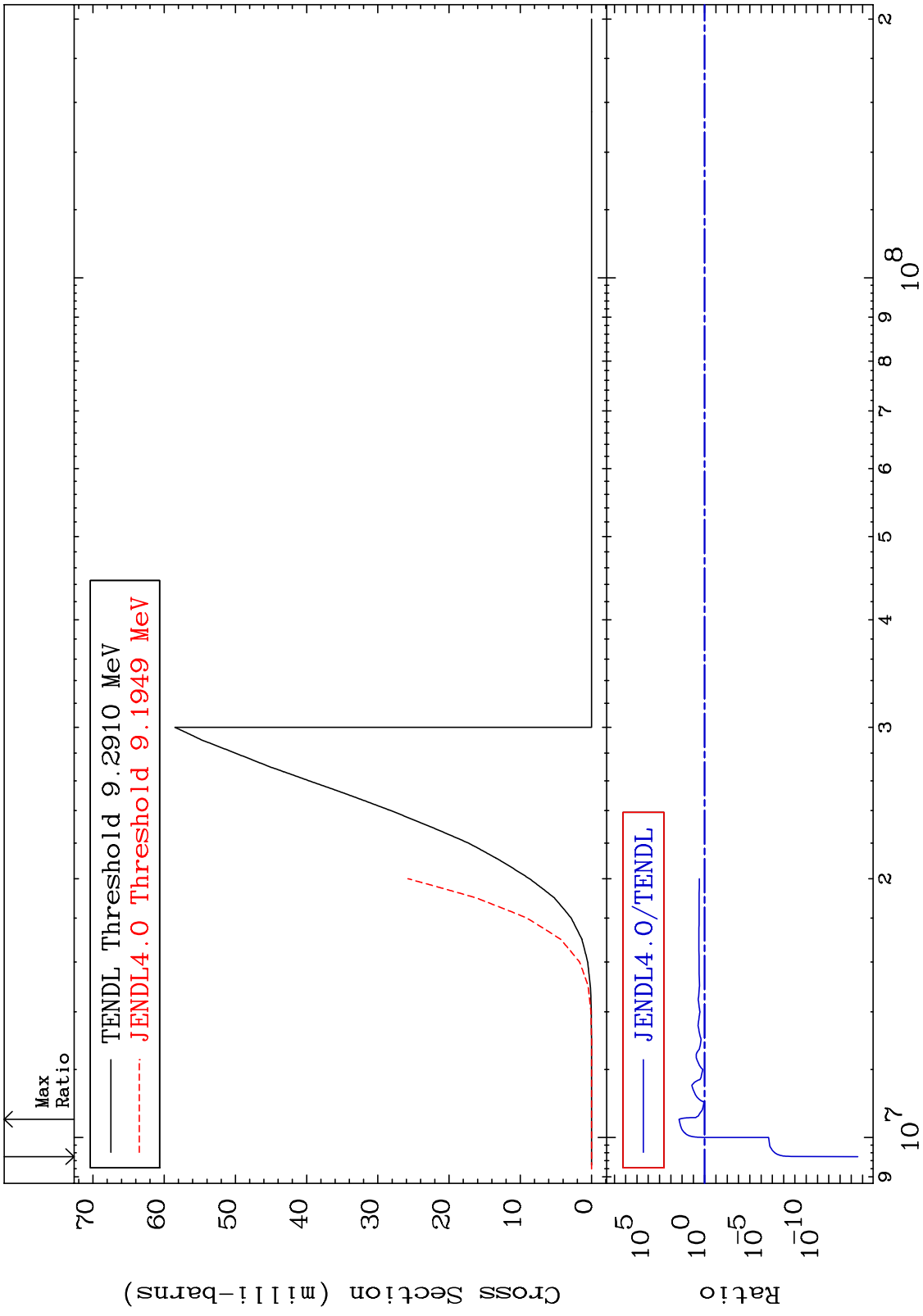
Incident Energy (eV)

54-Xe-132

MAT 5449 $(n, n') \alpha$ 54-Xe-132
 Cross Section -100.0 To 9999. %



MAT 5449 (n,n') p 54-Xe-132
Cross Section -100.0 To 9999. %



54-Xe-132 Incident Energy (eV)

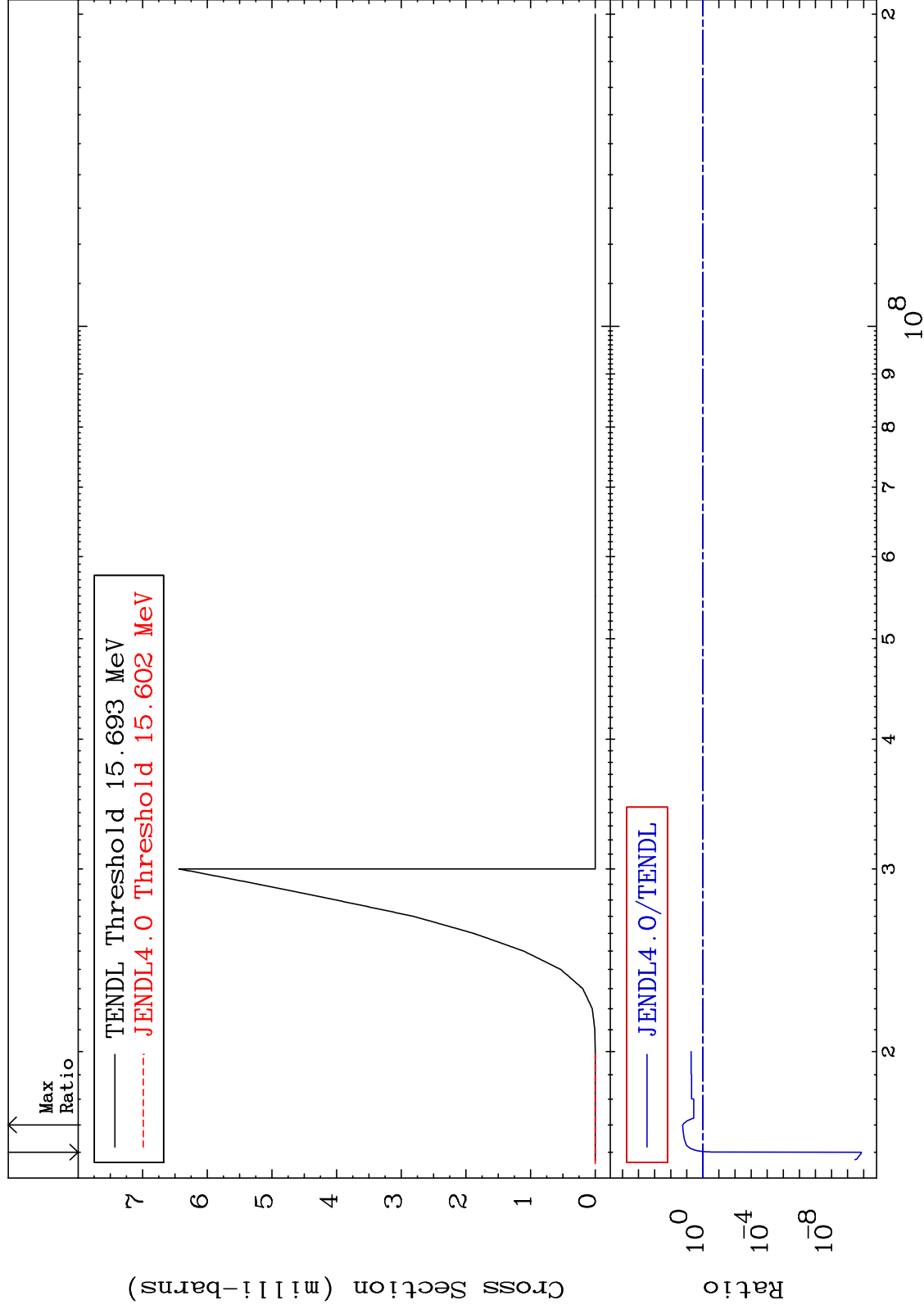
MAT 5449

(n,n') d

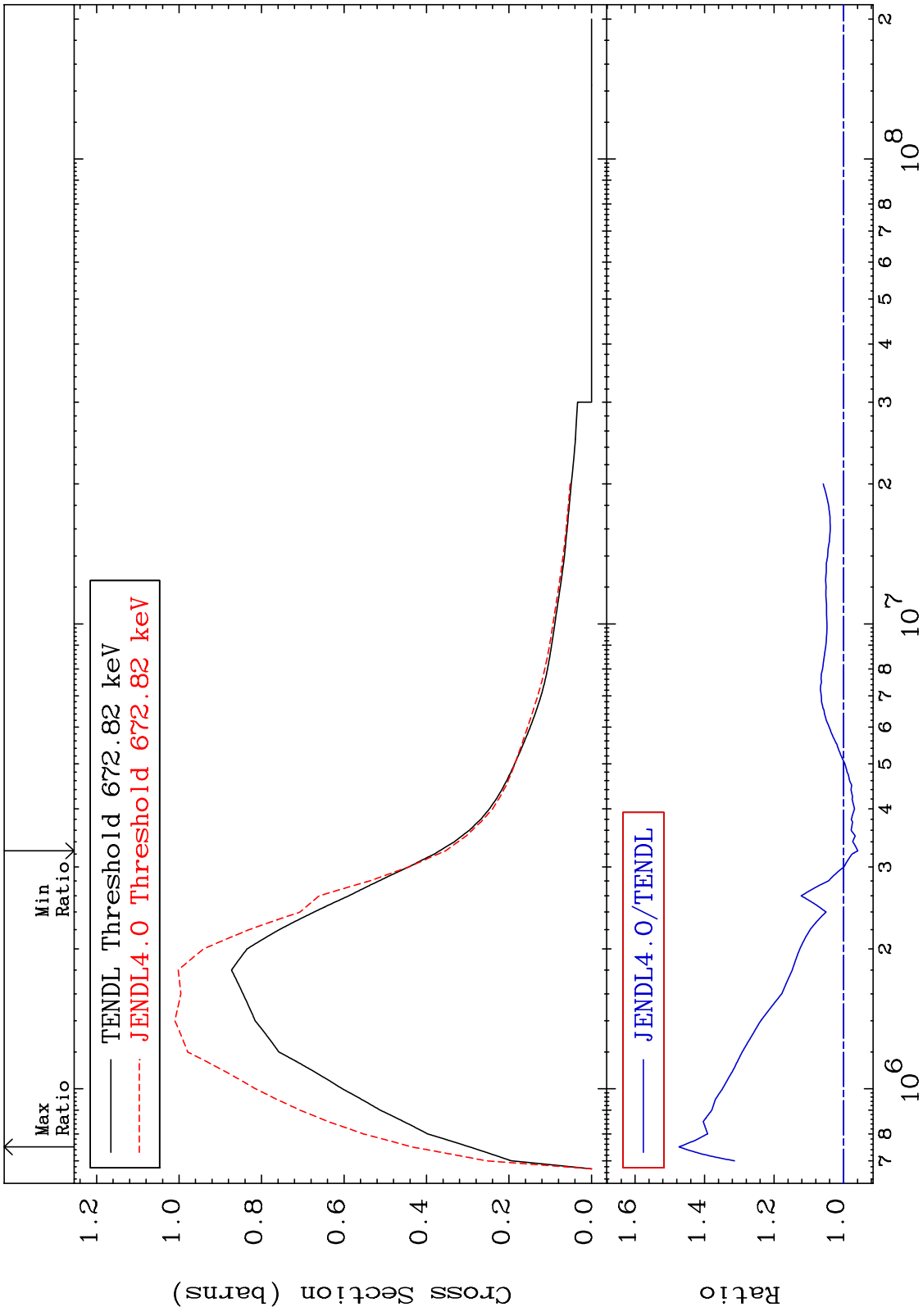
54-Xe-132

Cross Section

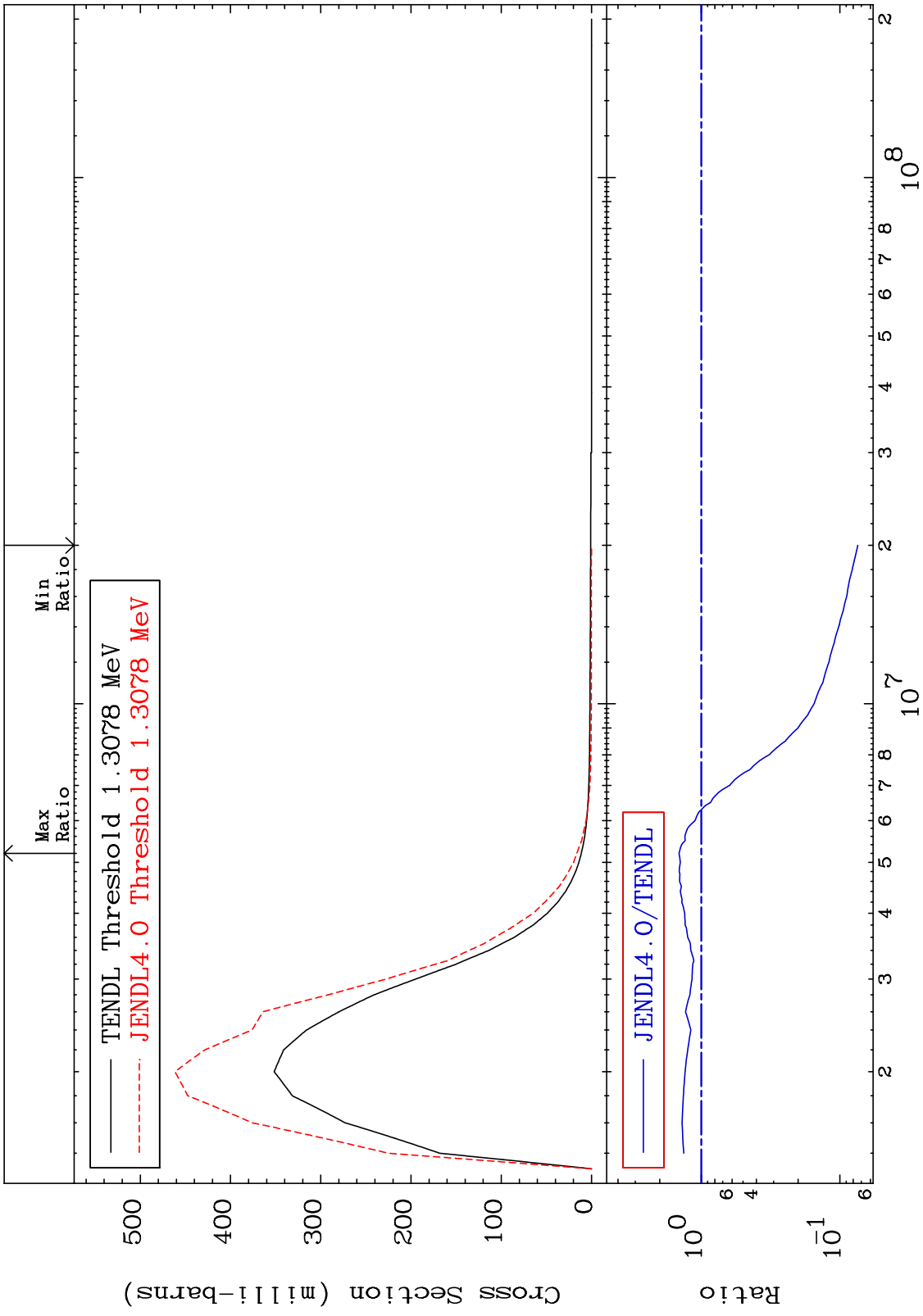
-100.0 To 1710. %



MAT 5449 MT= 51 (n,n') Level Cross Section 54-Xe-132 -4.107 To 47.35 %

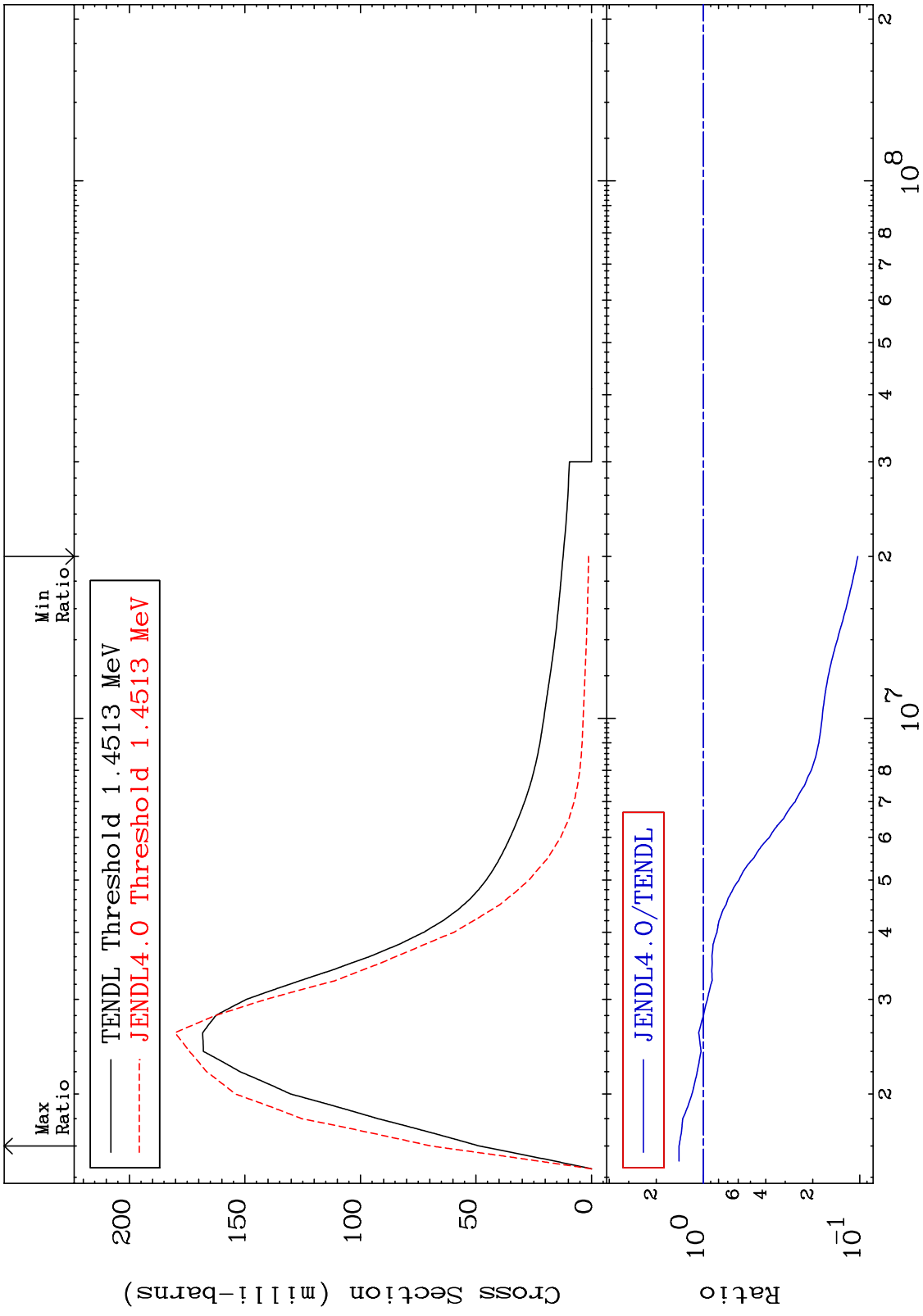


MAT 5449 MT= 52 (n,n') Level Cross Section 54-Xe-132 -92.59 To 44.90 %

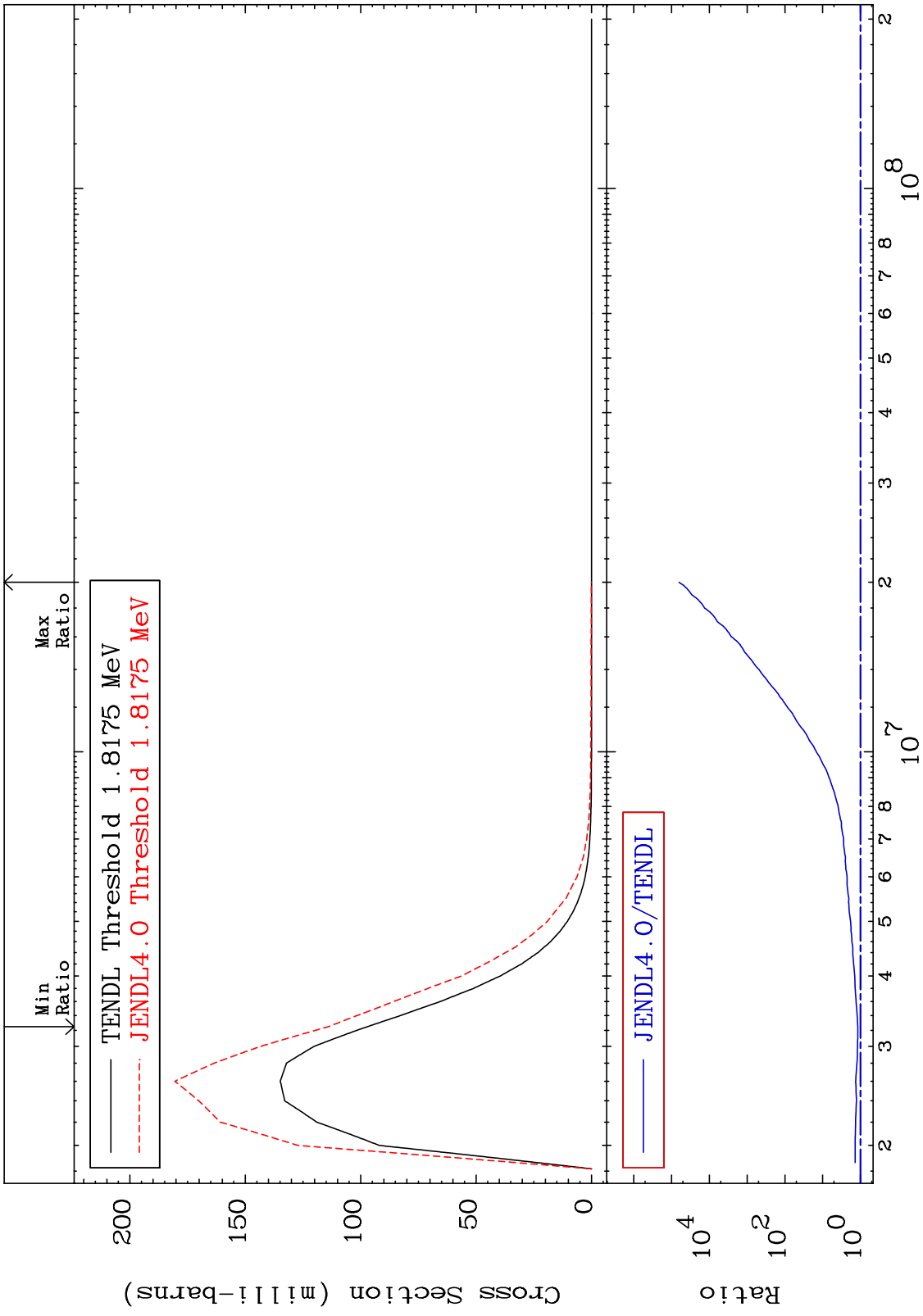


10 54-Xe-132

MAT 5449 MT= 53 (n,n') Level 54-Xe-132
 Cross Section -89.70 To 43.14 %

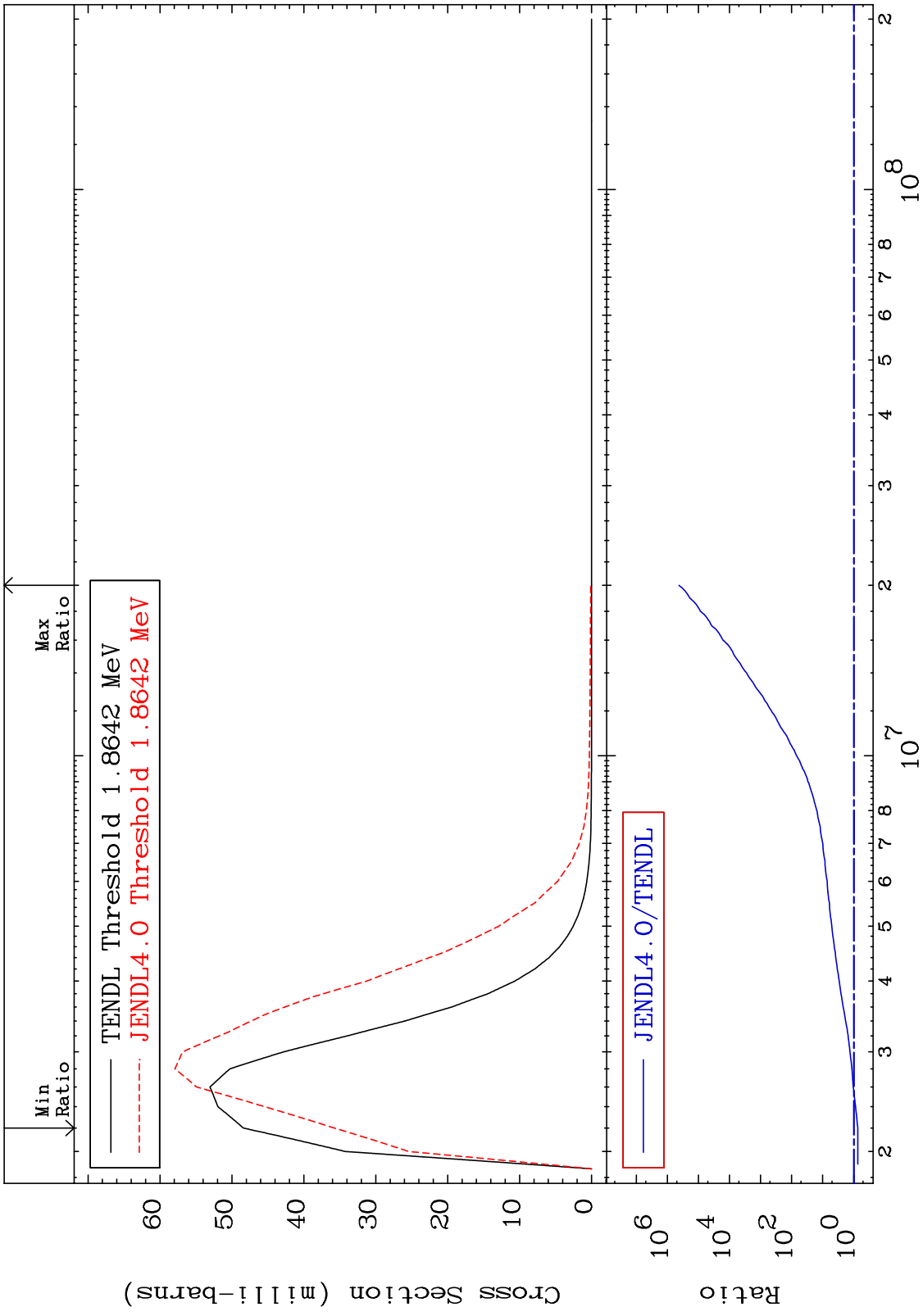


MAT 5449 MT= 54 (n,n') Level Cross Section 54-Xe-132 17.41 To 9999. %

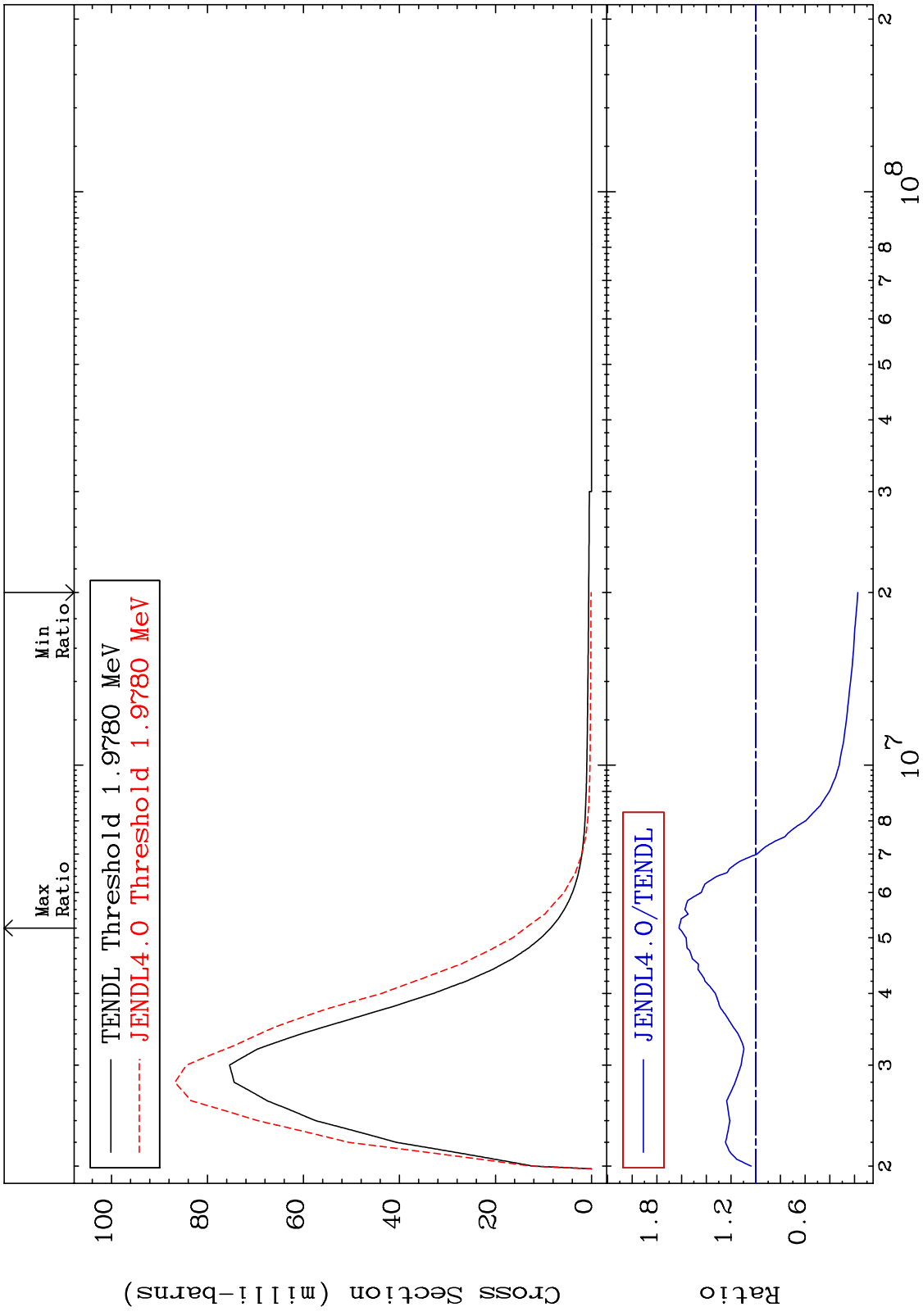


12 54-Xe-132 Incident Energy (eV)

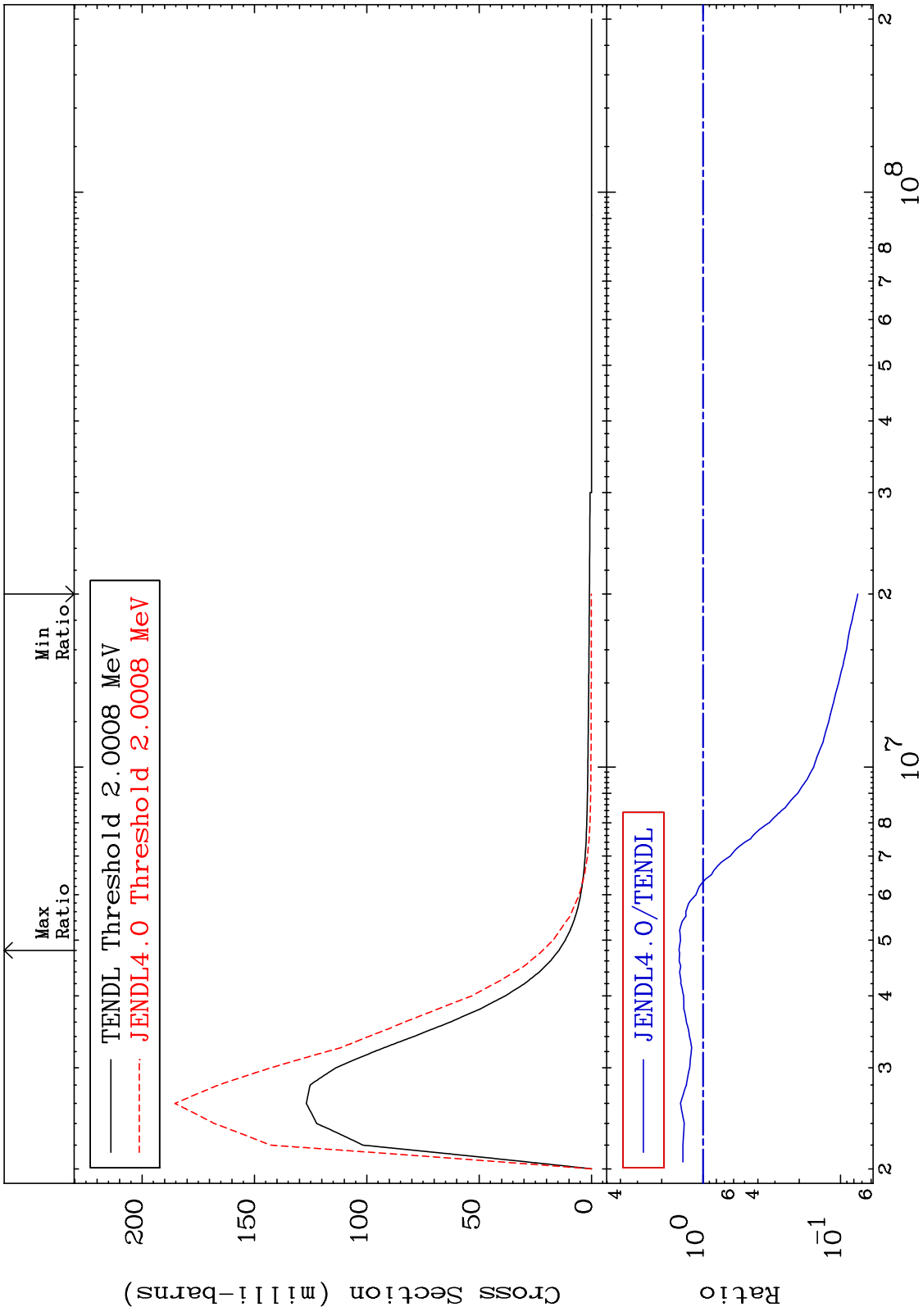
MAT 5449 MT= 55 (n,n') Level Cross Section 54-Xe-132
 -26.14 To 9999. %



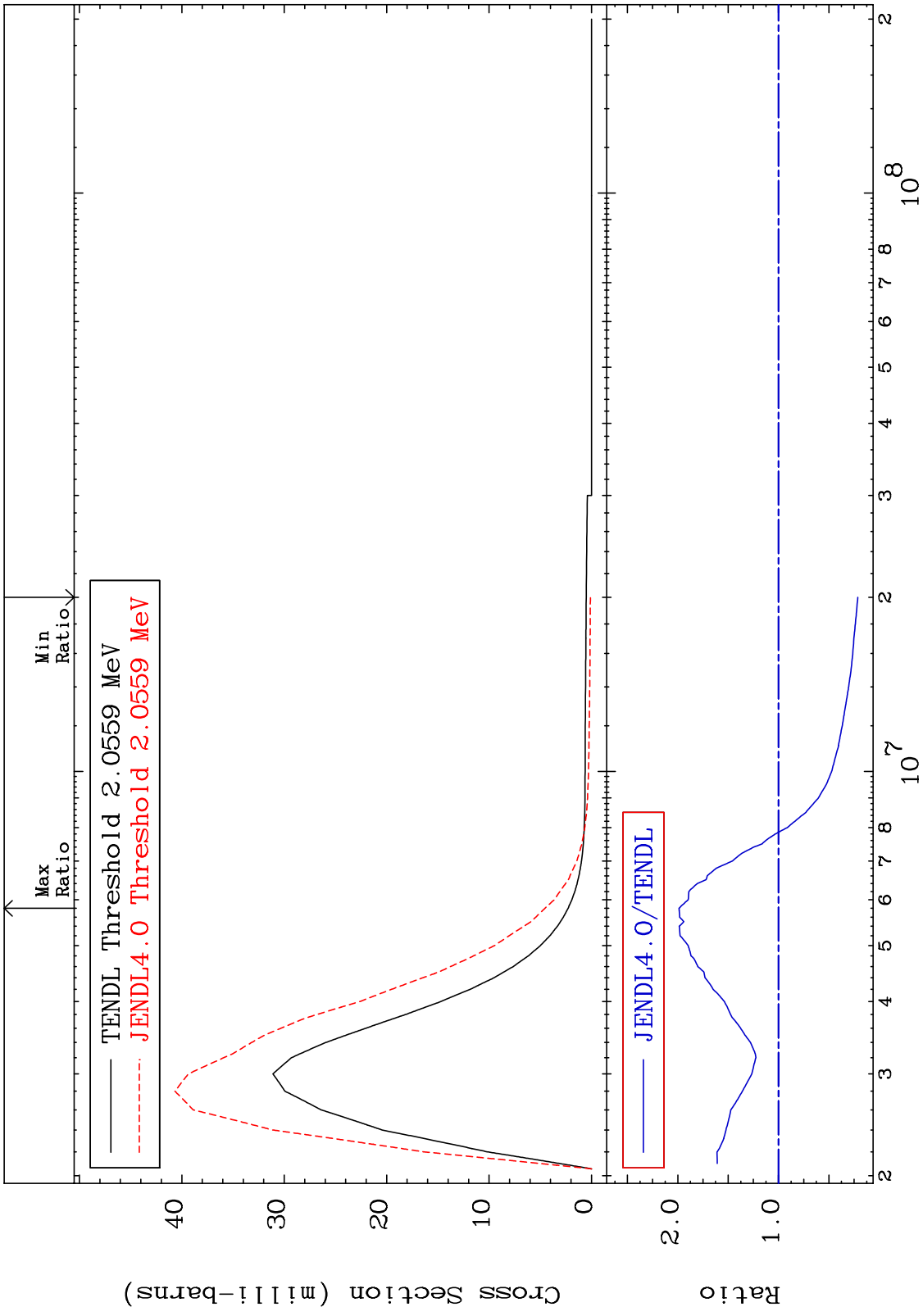
MAT 5449 MT= 56 (n,n') Level Cross Section 54-Xe-132 -82.65 To 62.06 %



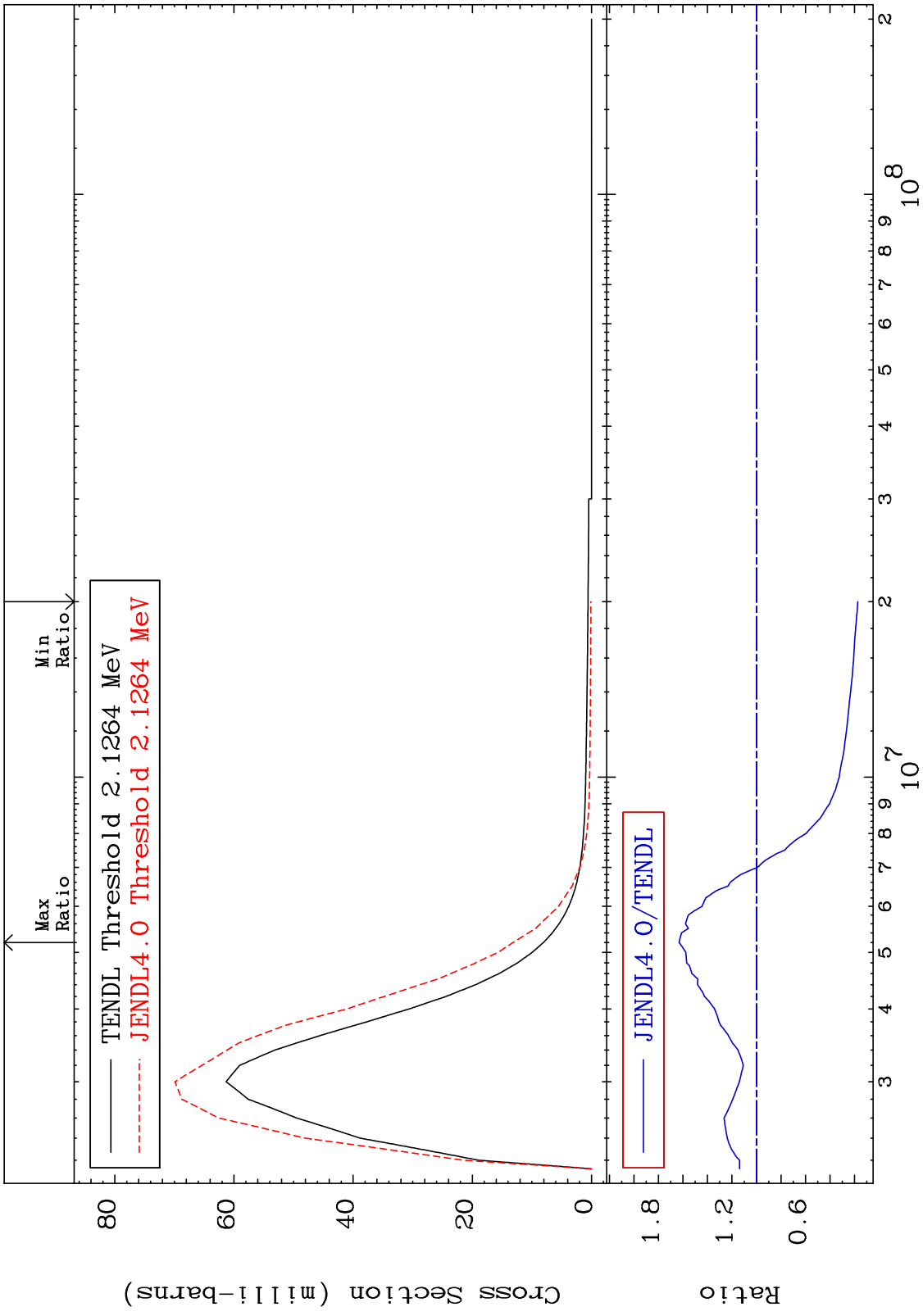
MAT 5449 MT= 57 (n,n') Level Cross Section 54-Xe-132 -92.51 To 49.62 %



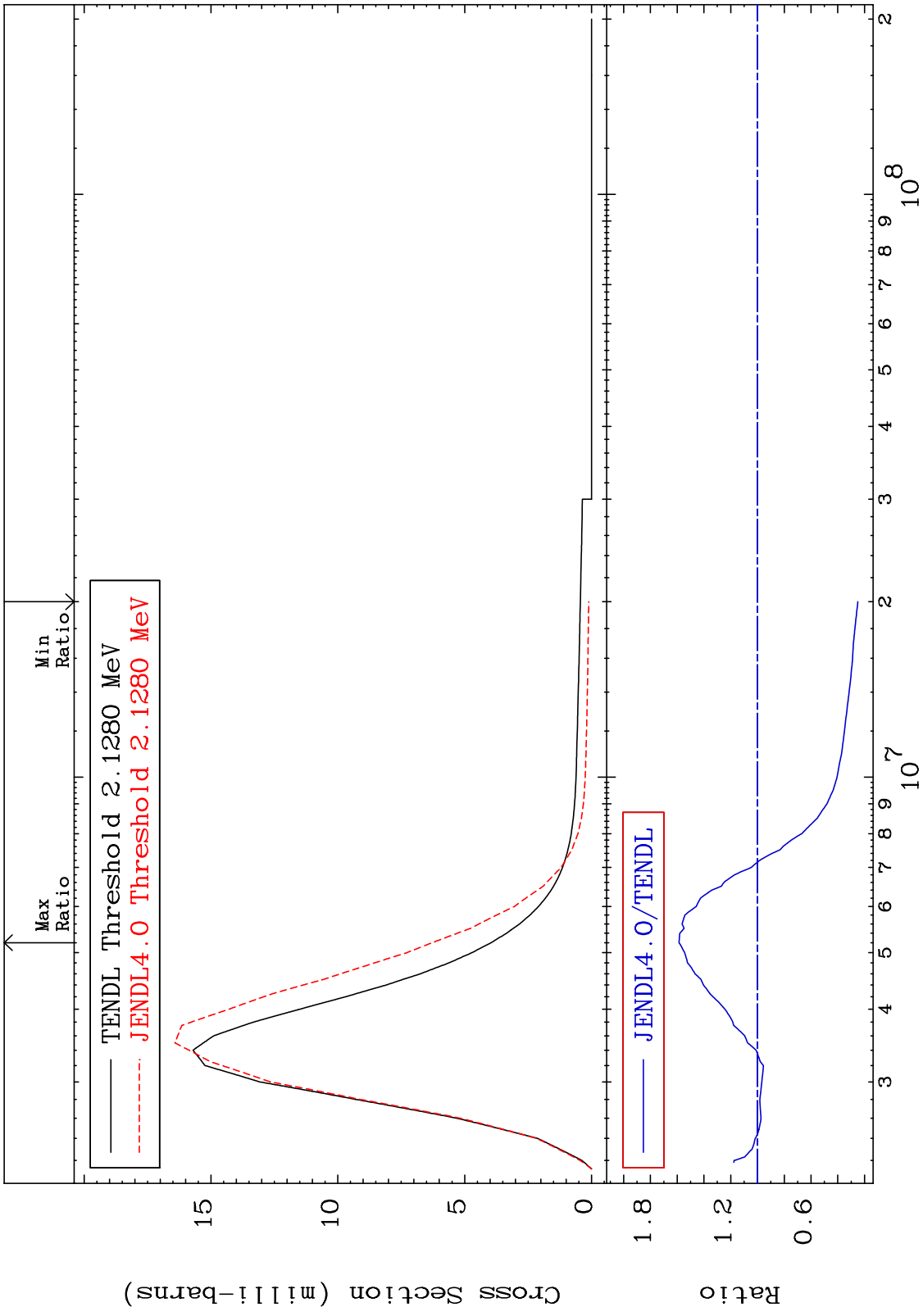
MAT 5449 MT= 58 (n,n') Level Cross Section 54-Xe-132
 -78.74 To 98.77 %



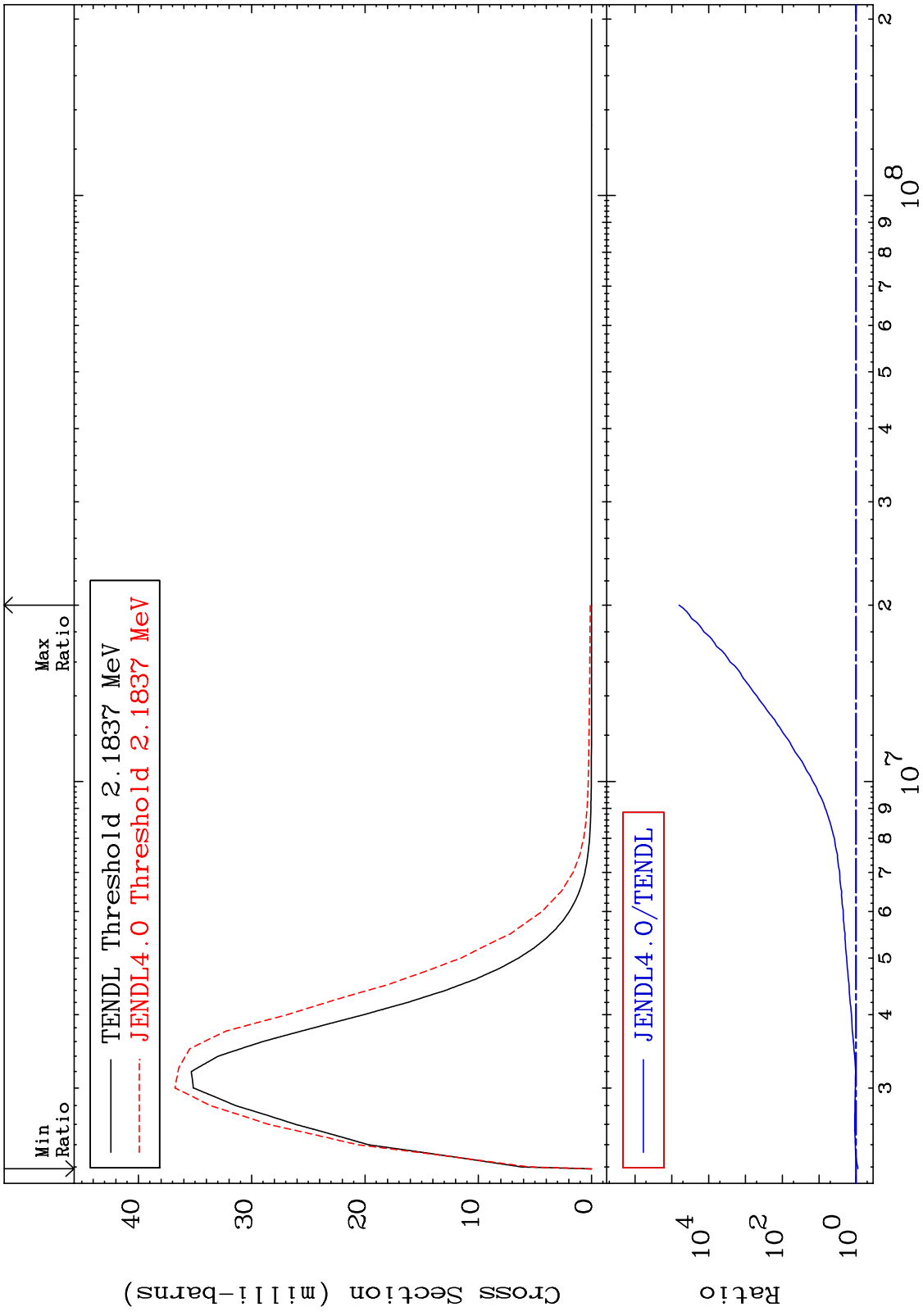
MAT 5449 MT= 59 (n,n') Level Cross Section 54-Xe-132 -82.66 To 63.18 %



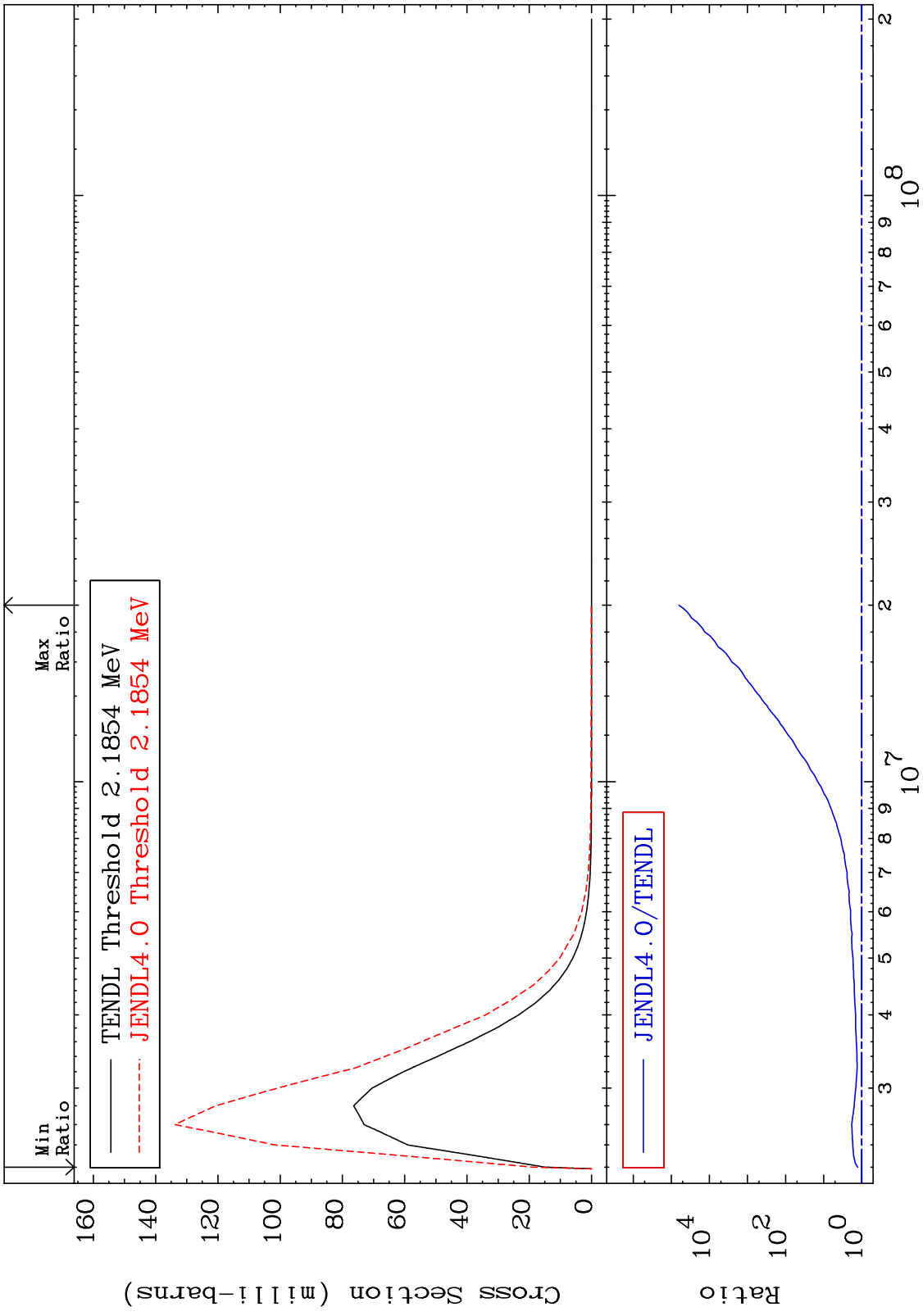
MAT 5449 MT= 60 (n,n') Level Cross Section 54-Xe-132 -75.00 To 58.61 %



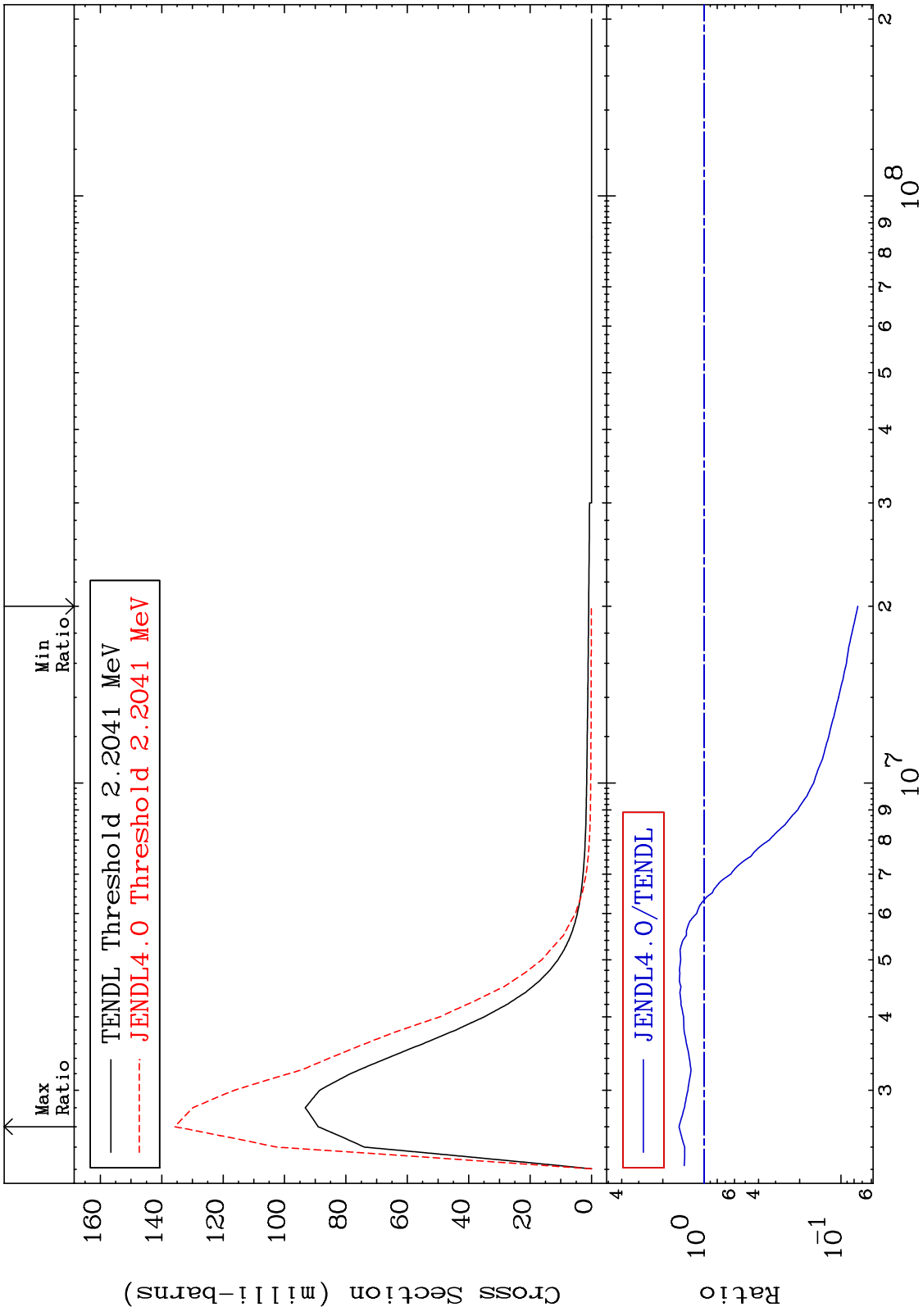
MAT 5449 MT= 61 (n,n') Level Cross Section 54-Xe-132
 -10.60 To 9999. %



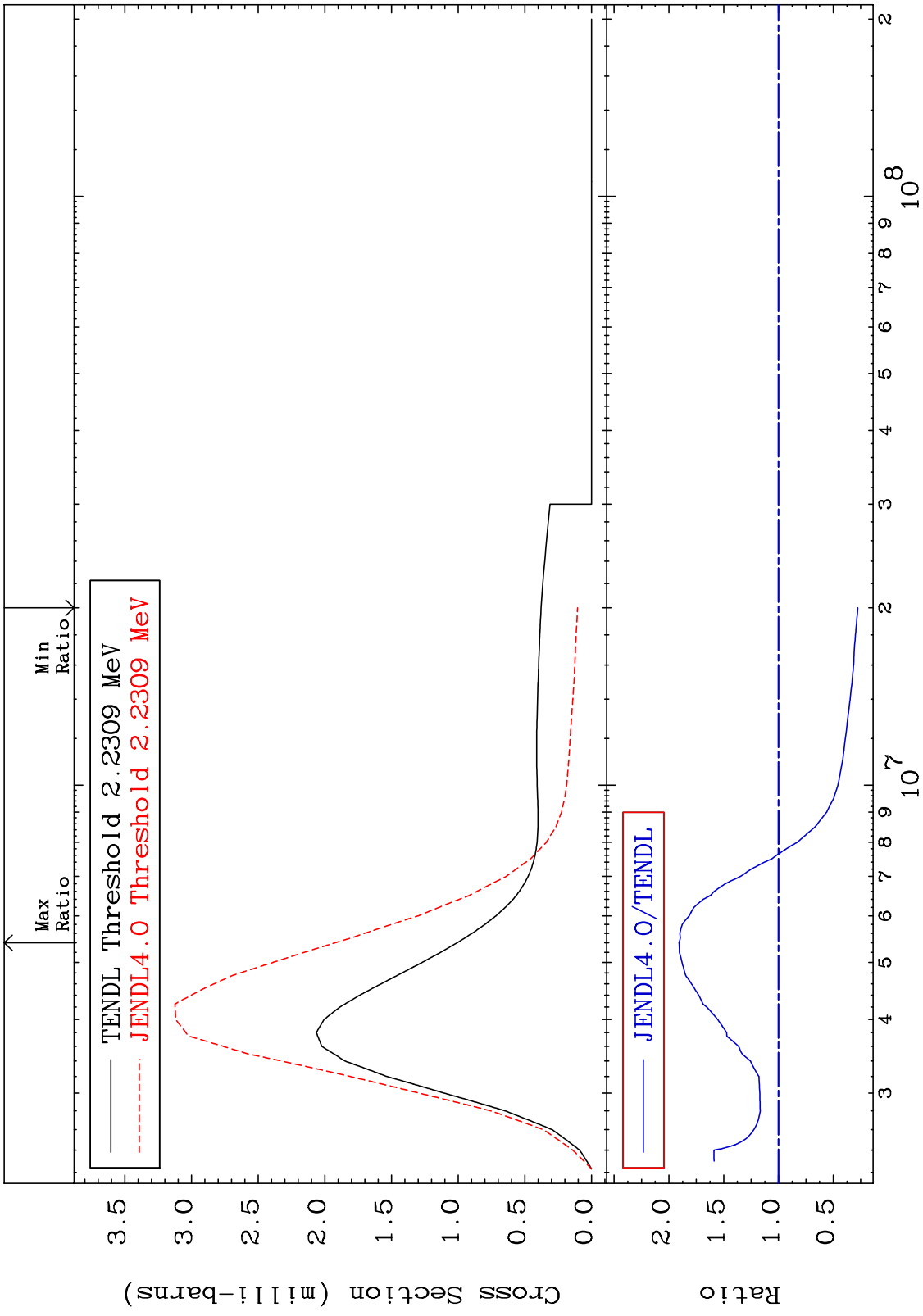
MAT 5449 MT= 62 (n,n') Level Cross Section 54-Xe-132 To 9999. %
 26.61



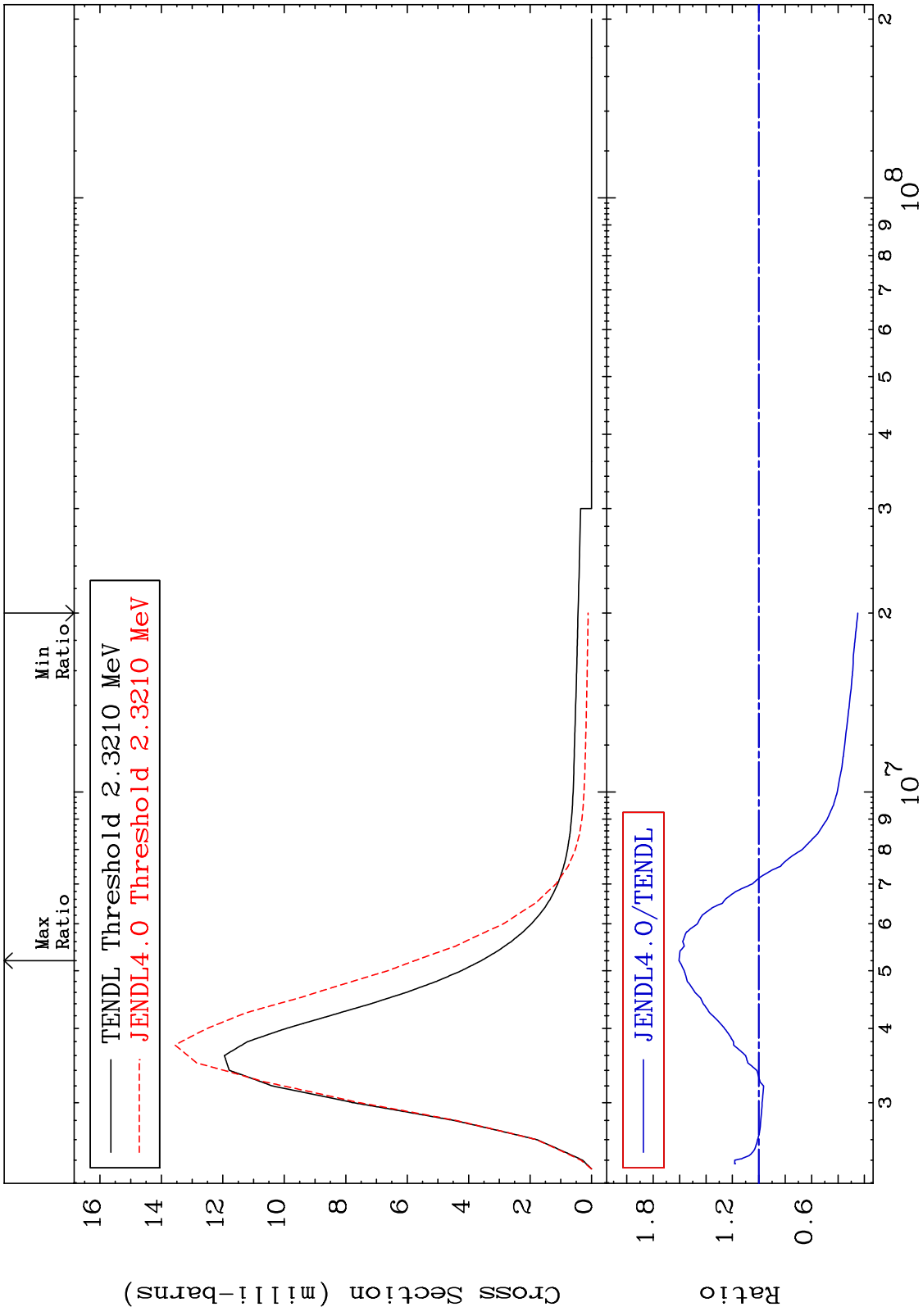
MAT 5449 MT= 63 (n,n') Level Cross Section 54-Xe-132
 -92.48 To 52.39 %



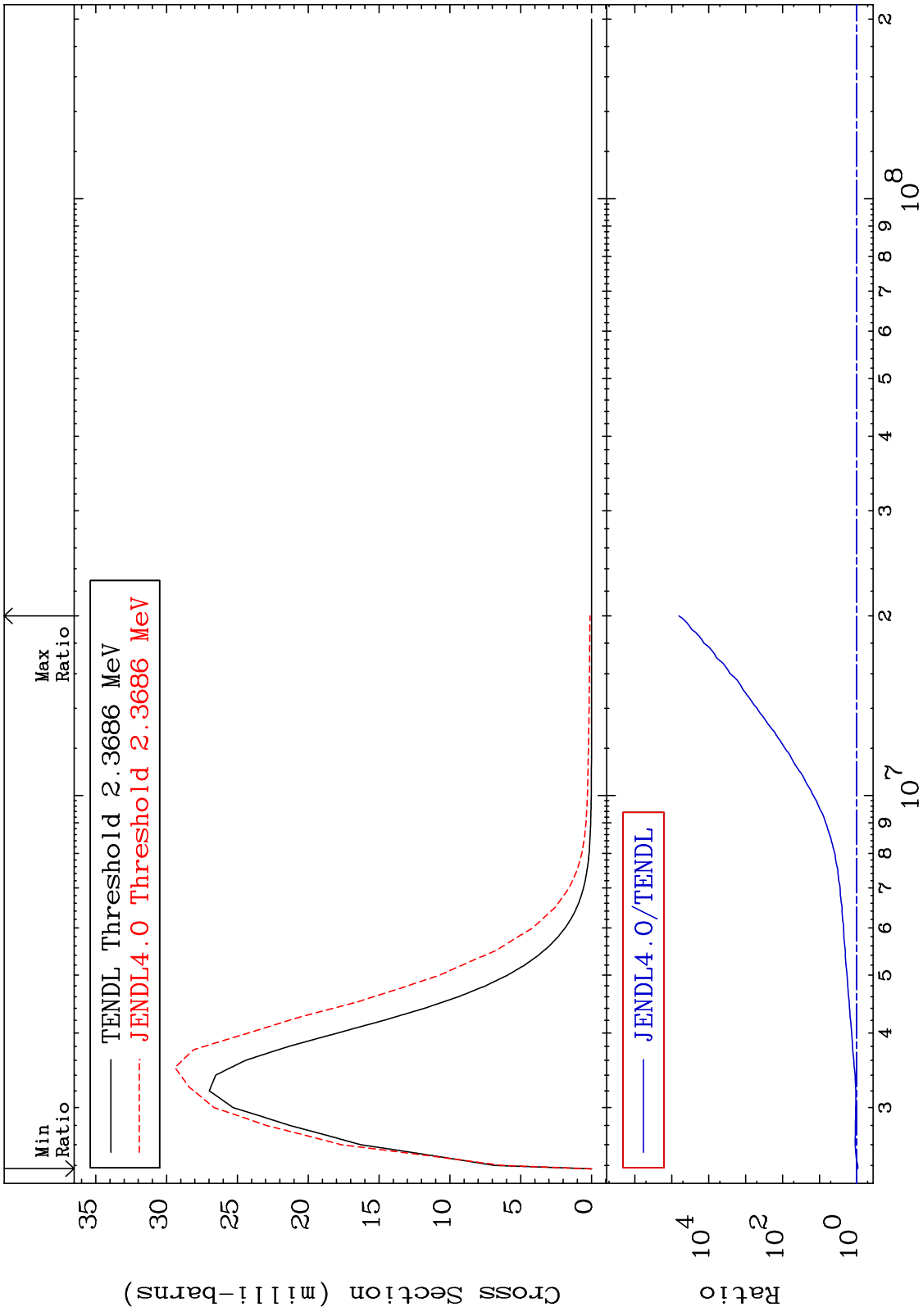
MAT 5449 MT= 64 (n,n') Level Cross Section 54-Xe-132
 -72.40 To 90.77 %



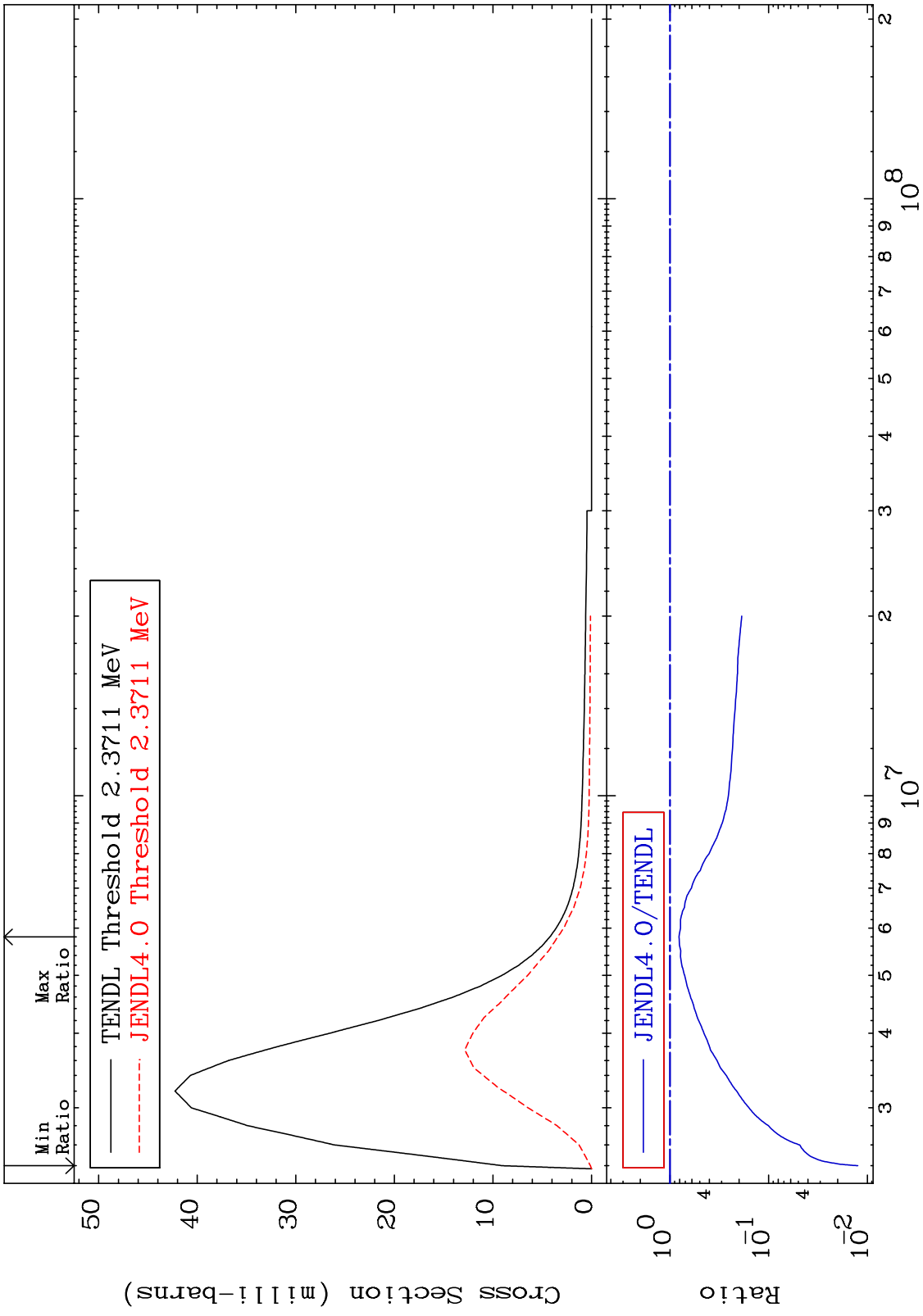
MAT 5449 MT= 65 (n,n') Level Cross Section 54-Xe-132 -75.00 To 60.42 %



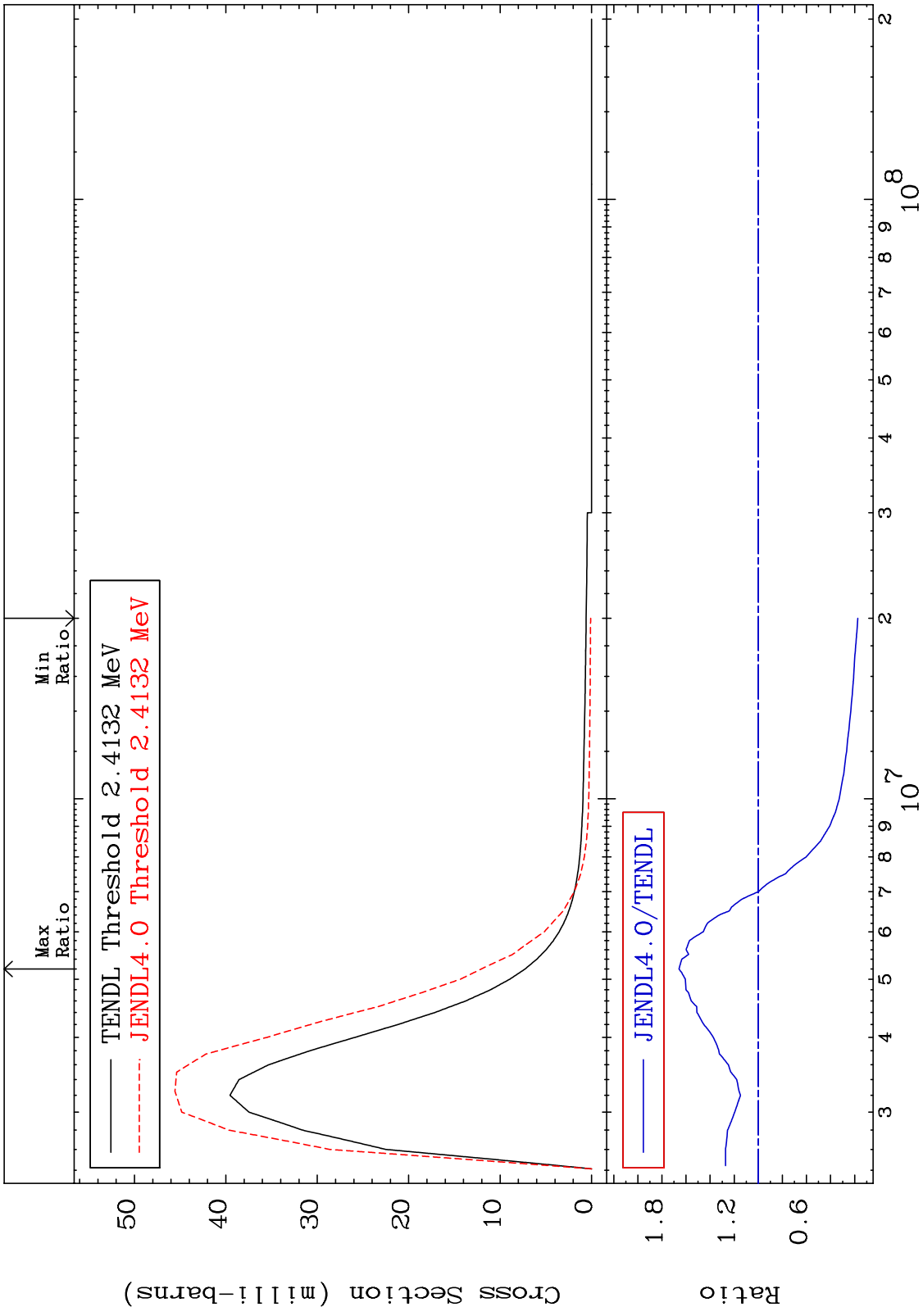
MAT 5449 MT= 66 (n,n') Level Cross Section 54-Xe-132
 -7.868 To 9999. %



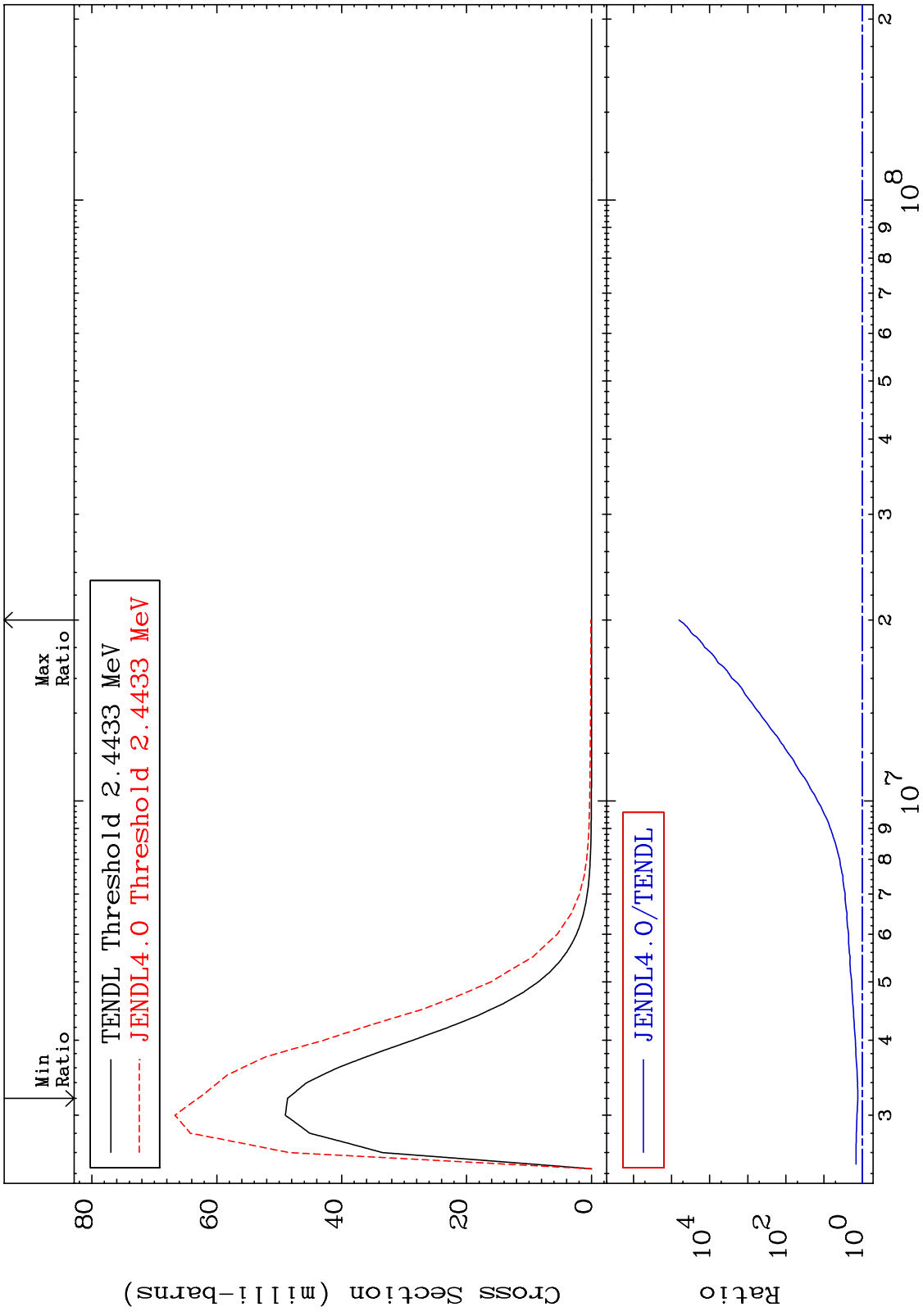
MAT 5449 MT= 67 (n,n') Level Cross Section 54-Xe-132 -98.75 To -18.88%



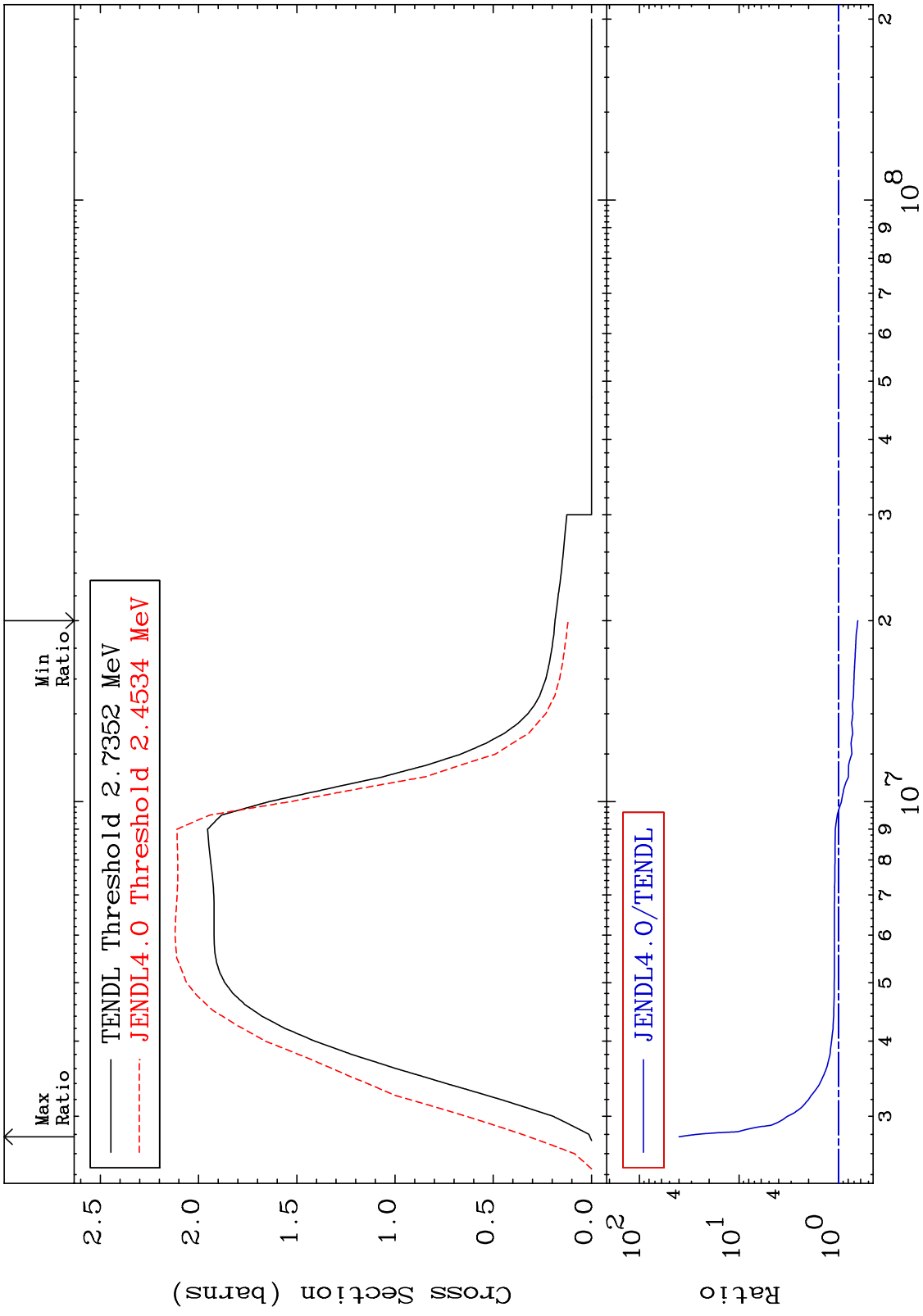
MAT 5449 MT= 68 (n,n') Level Cross Section 54-Xe-132 -82.65 To 65.79 %



MAT 5449 MT= 69 (n,n') Level Cross Section 54-Xe-132 To 9999. %
 29.48



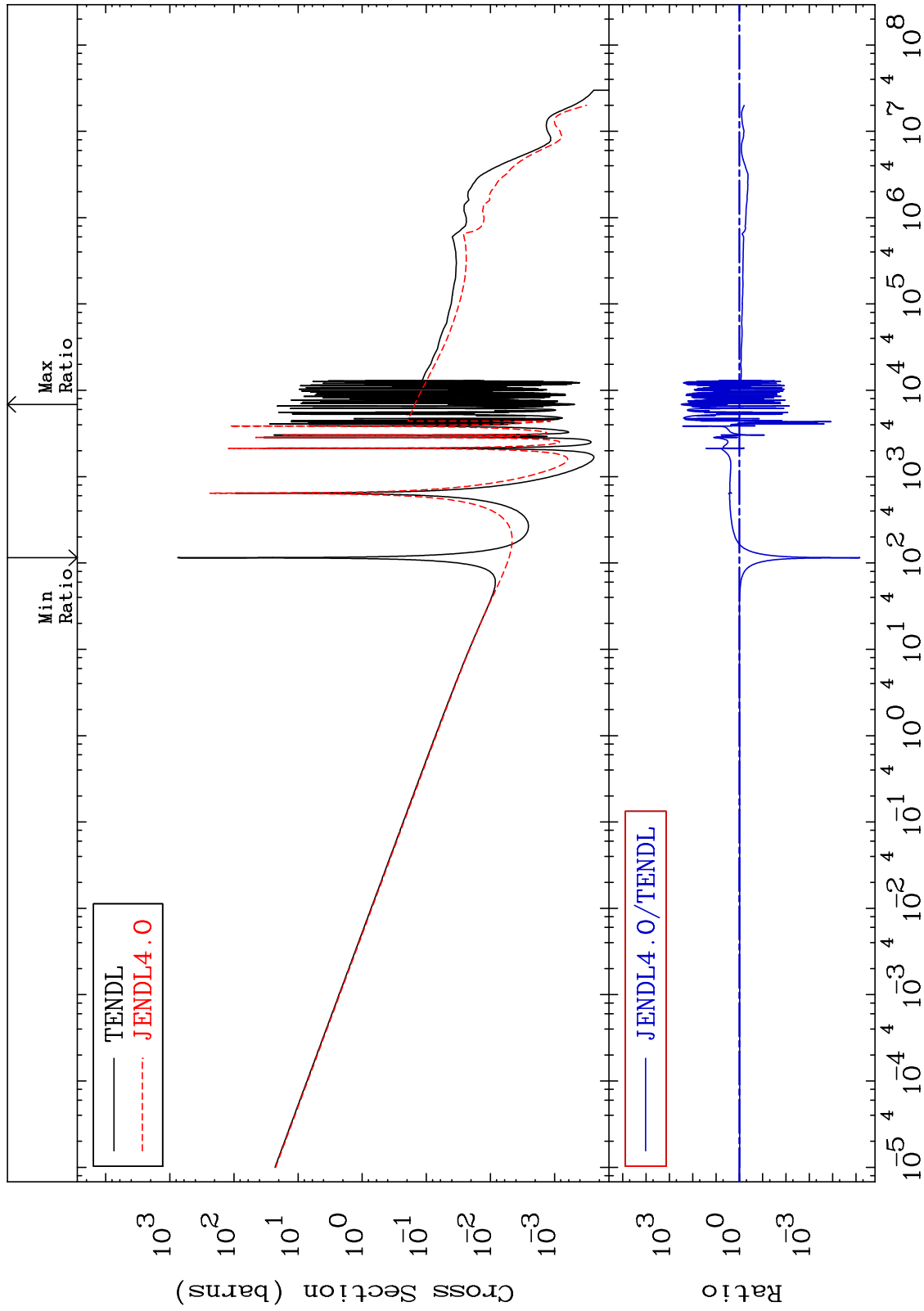
MAT 5449 (n, n') Continuum Cross Section 54-Xe-132 -35.96 To 3902. %



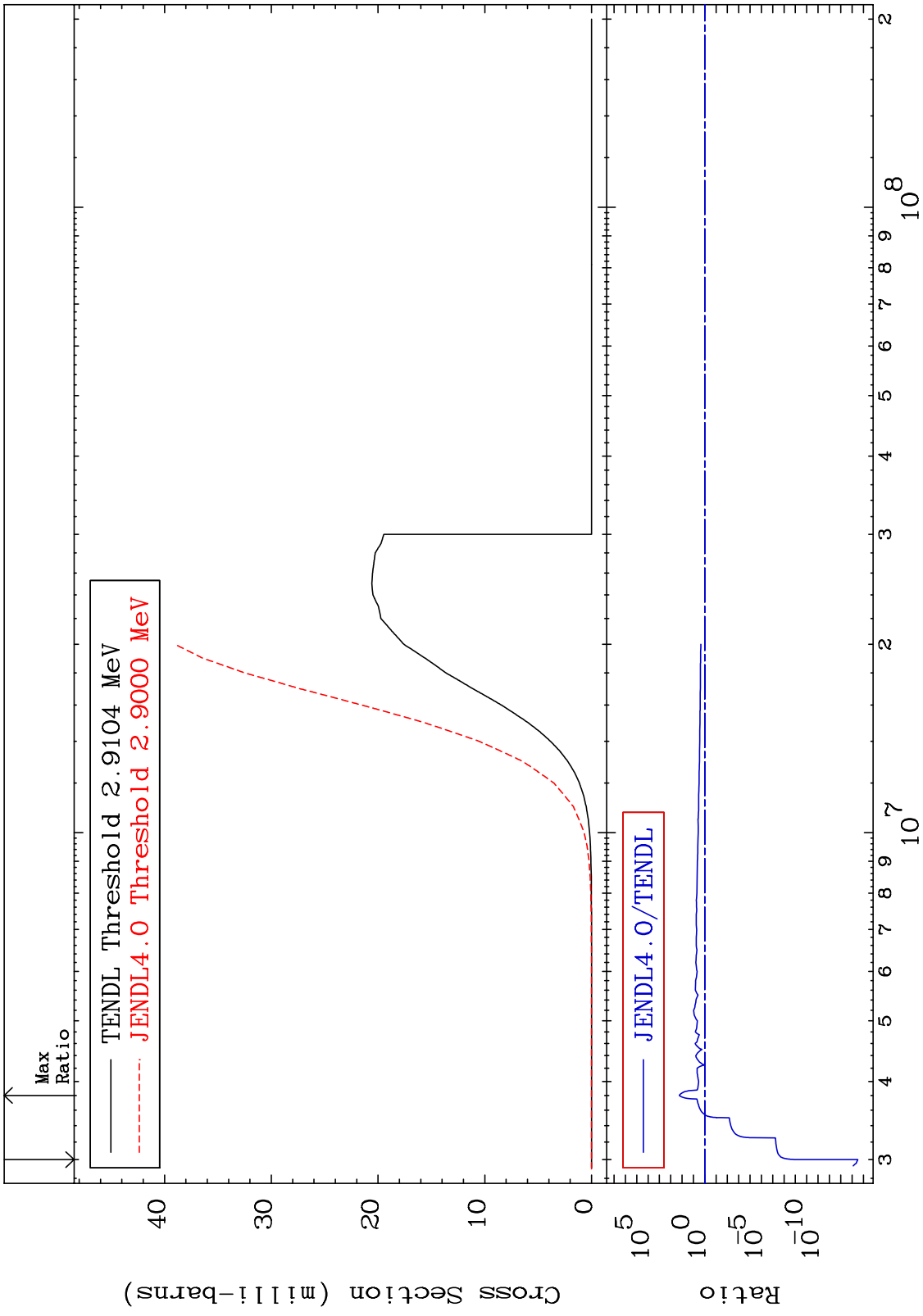
MAT 5449

(n, γ)
Cross Section

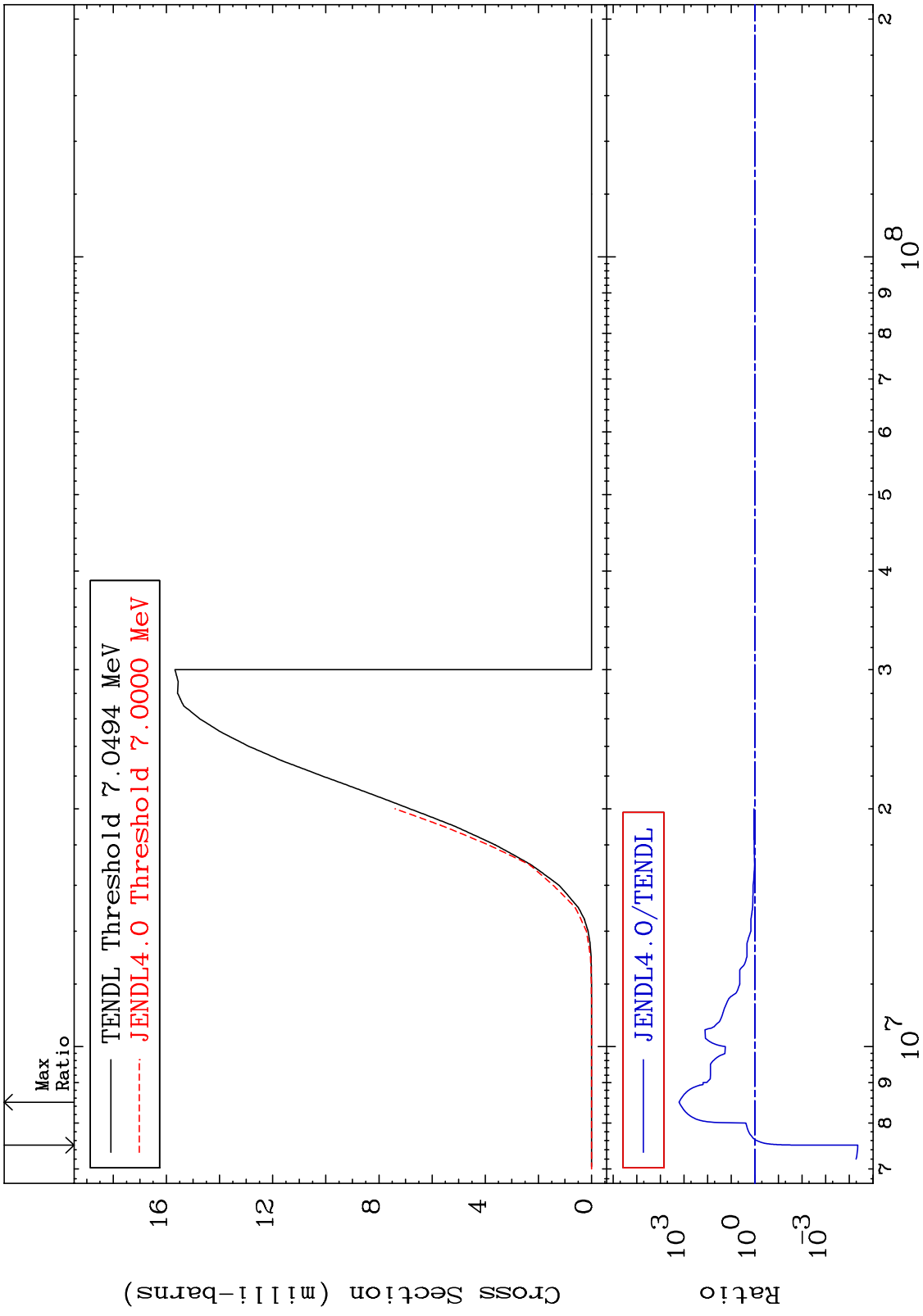
54-Xe-132
-100.0 To 9999. %



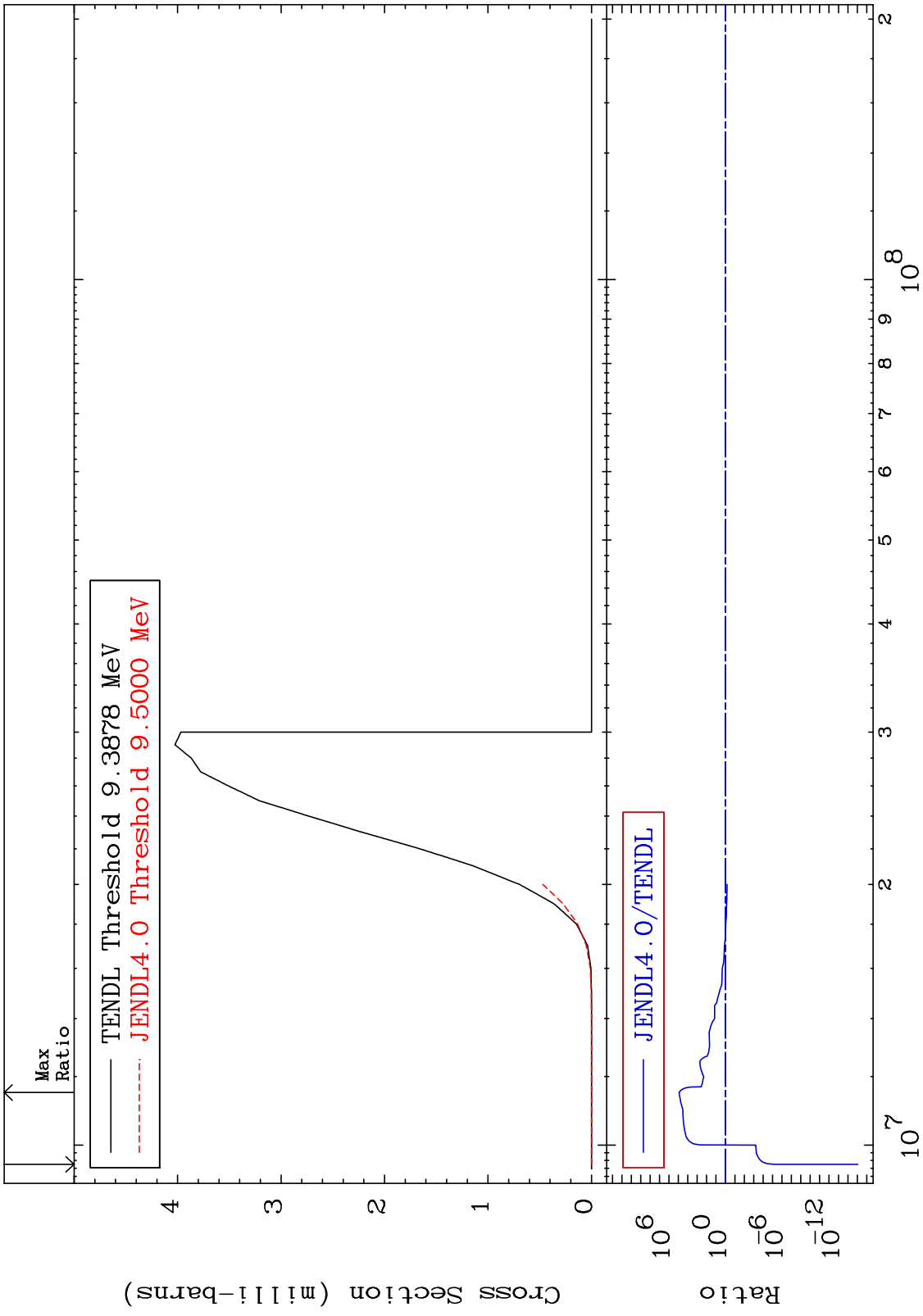
MAT 5449 (n,p) Cross Section 54-Xe-132 -100.0 To 9999. %



MAT 5449 (n,d) 54-Xe-132
Cross Section -100.0 To 9999. %

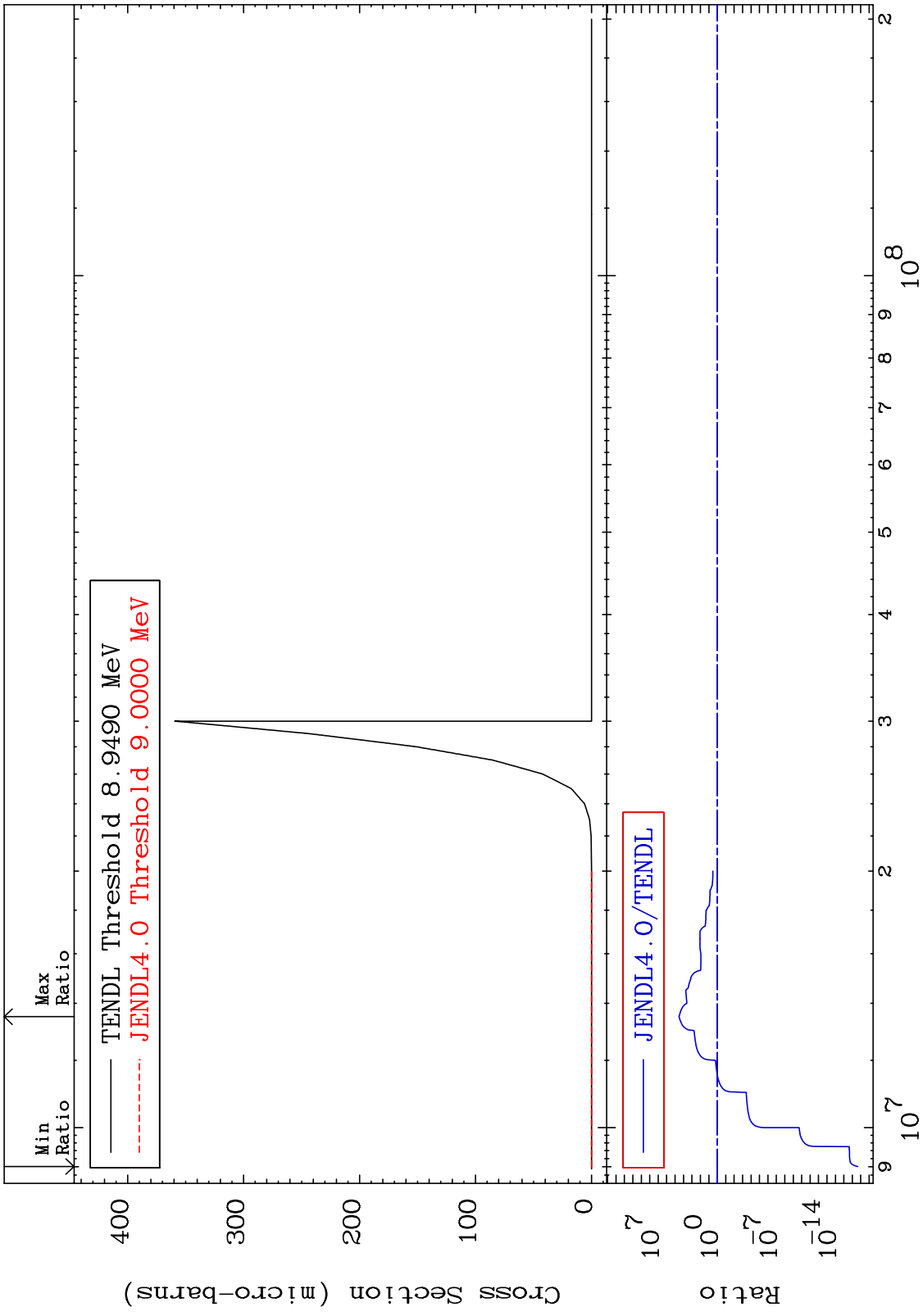


MAT 5449 (n,t) 54-Xe-132
 Cross Section -100.0 To 9999. %



32 54-Xe-132

MAT 5449 (n, He-3) 54-Xe-132
 Cross Section -100.0 To 9999. %



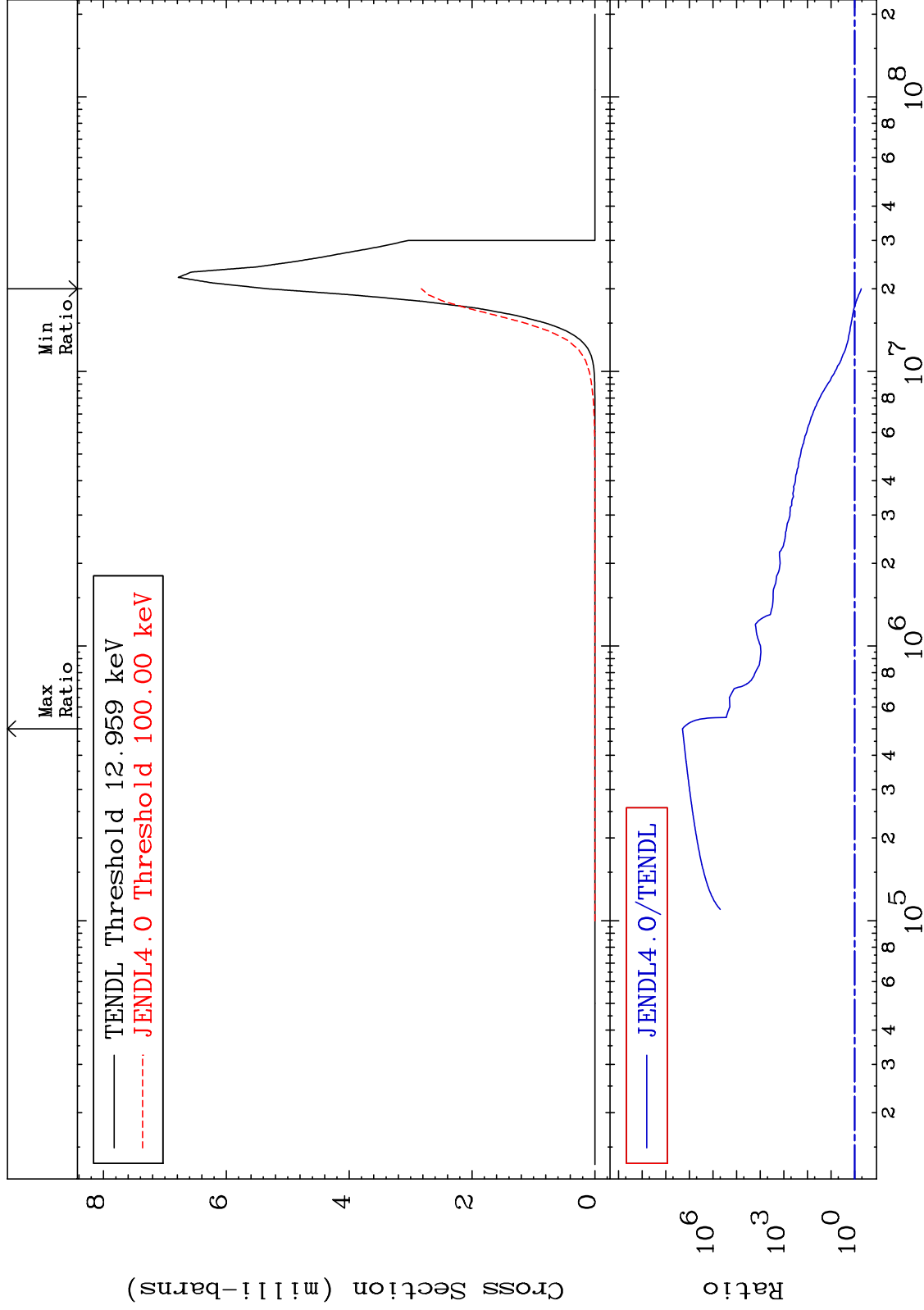
MAT 5449

(n, α)

54-Xe-132

-47.02 To 9999. %

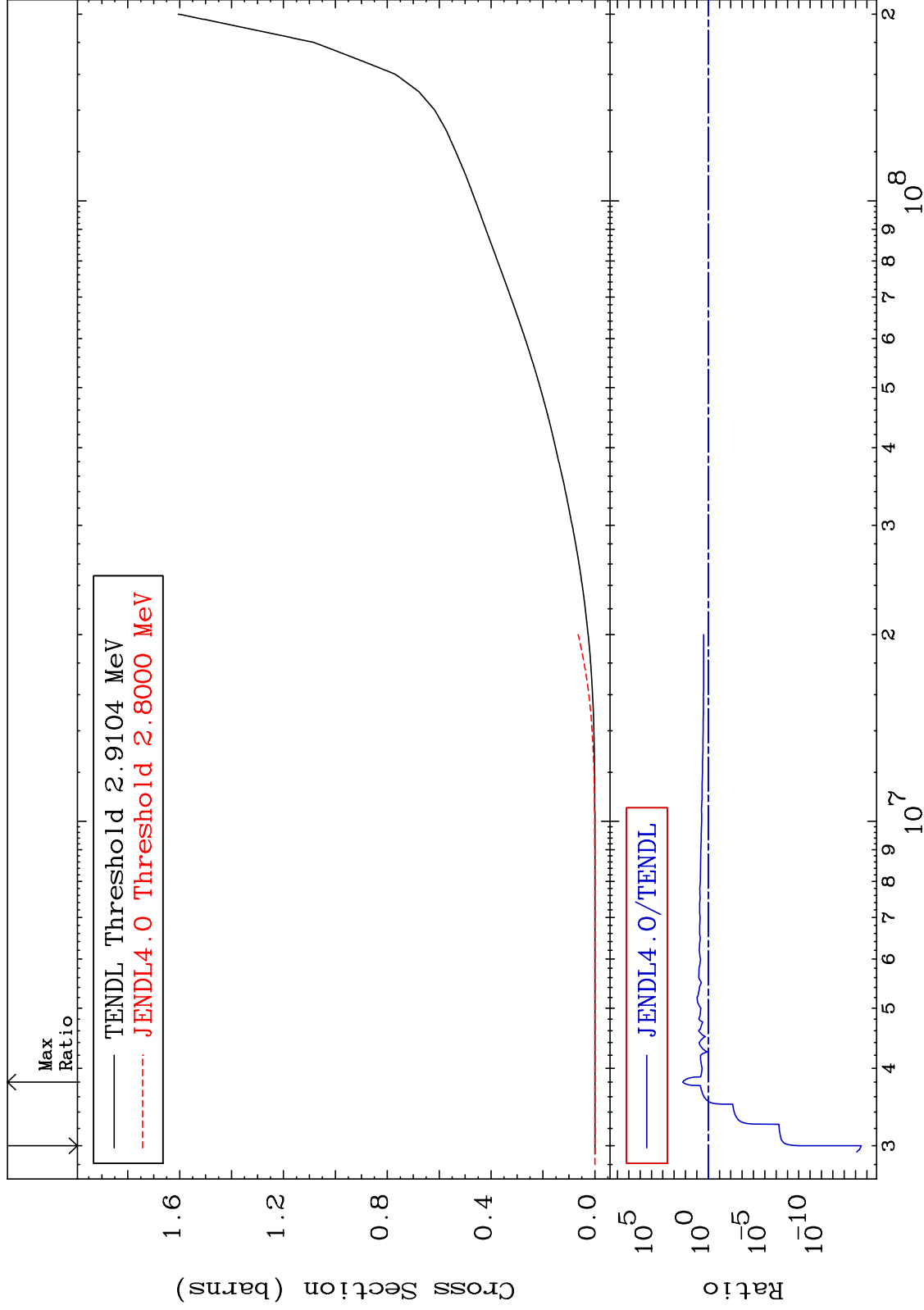
Cross Section



MAT 5449

Hydrogen Production
Cross Section

54-Xe-132
-100.0 To 9999. %



35

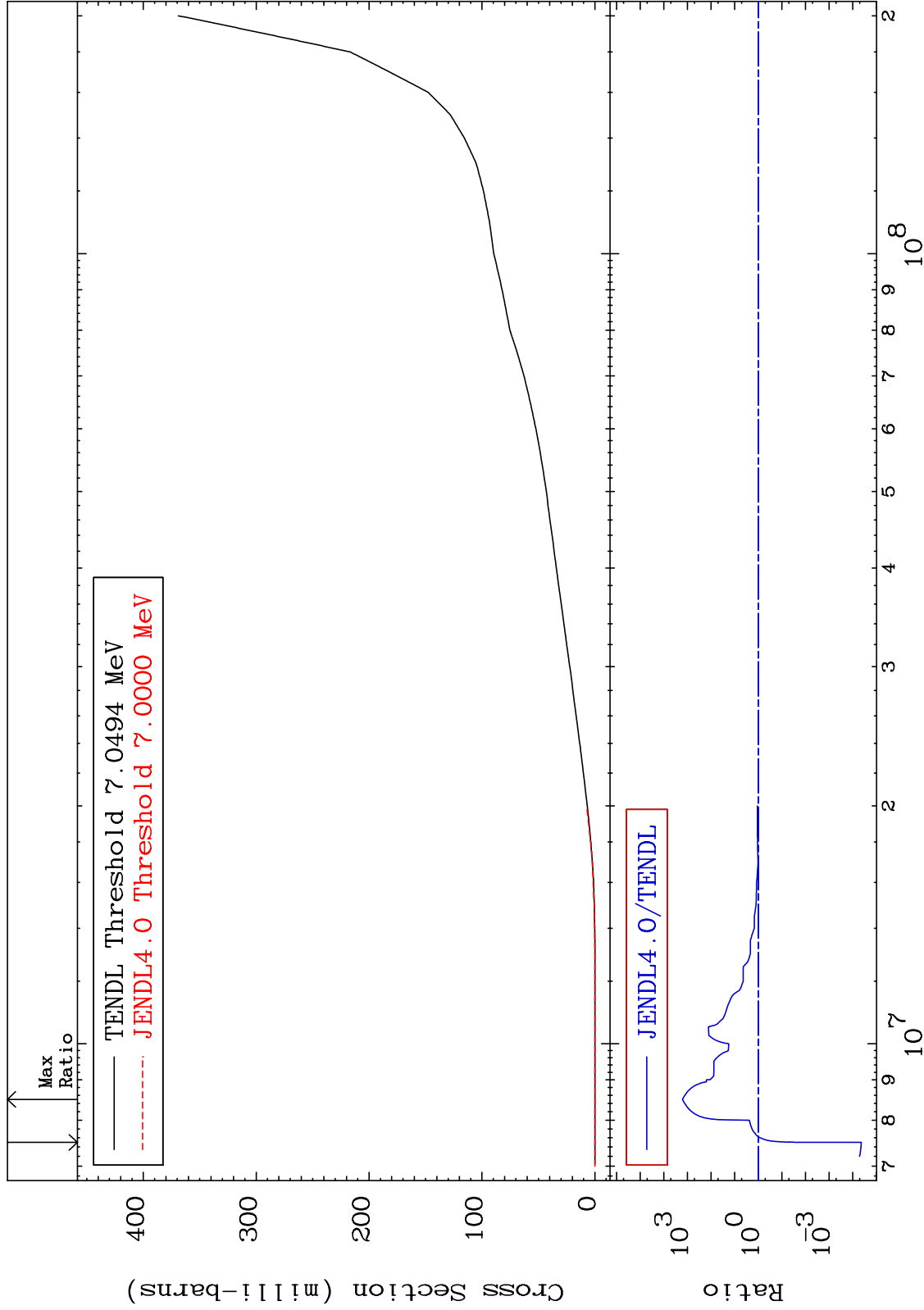
Incident Energy (eV)

54-Xe-132

MAT 5449

Deuterium Production
Cross Section

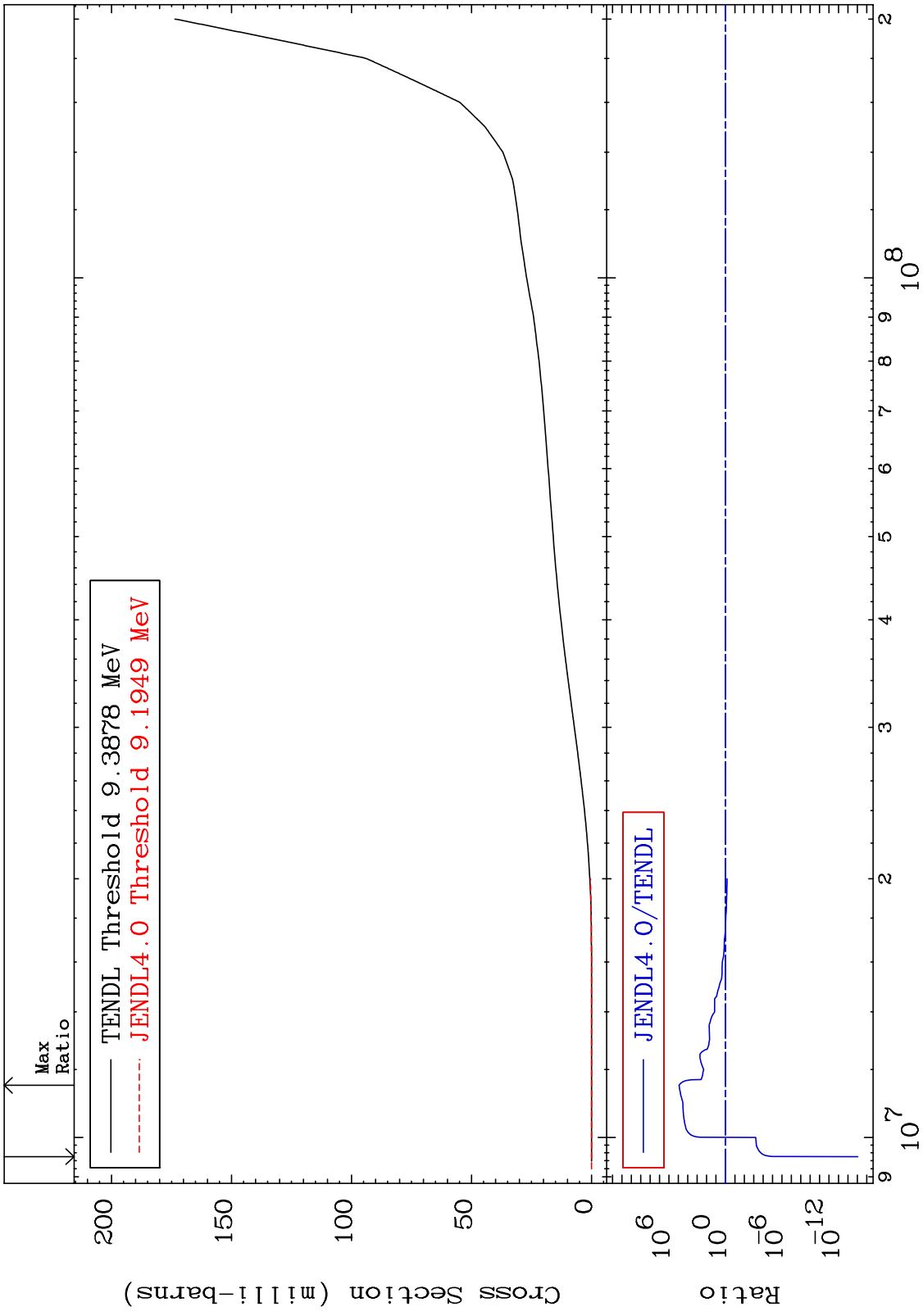
54-Xe-132
-100.0 To 9999. %



36

54-Xe-132

MAT 5449 Tritium Production Cross Section 54-Xe-132 -100.0 To 9999. %

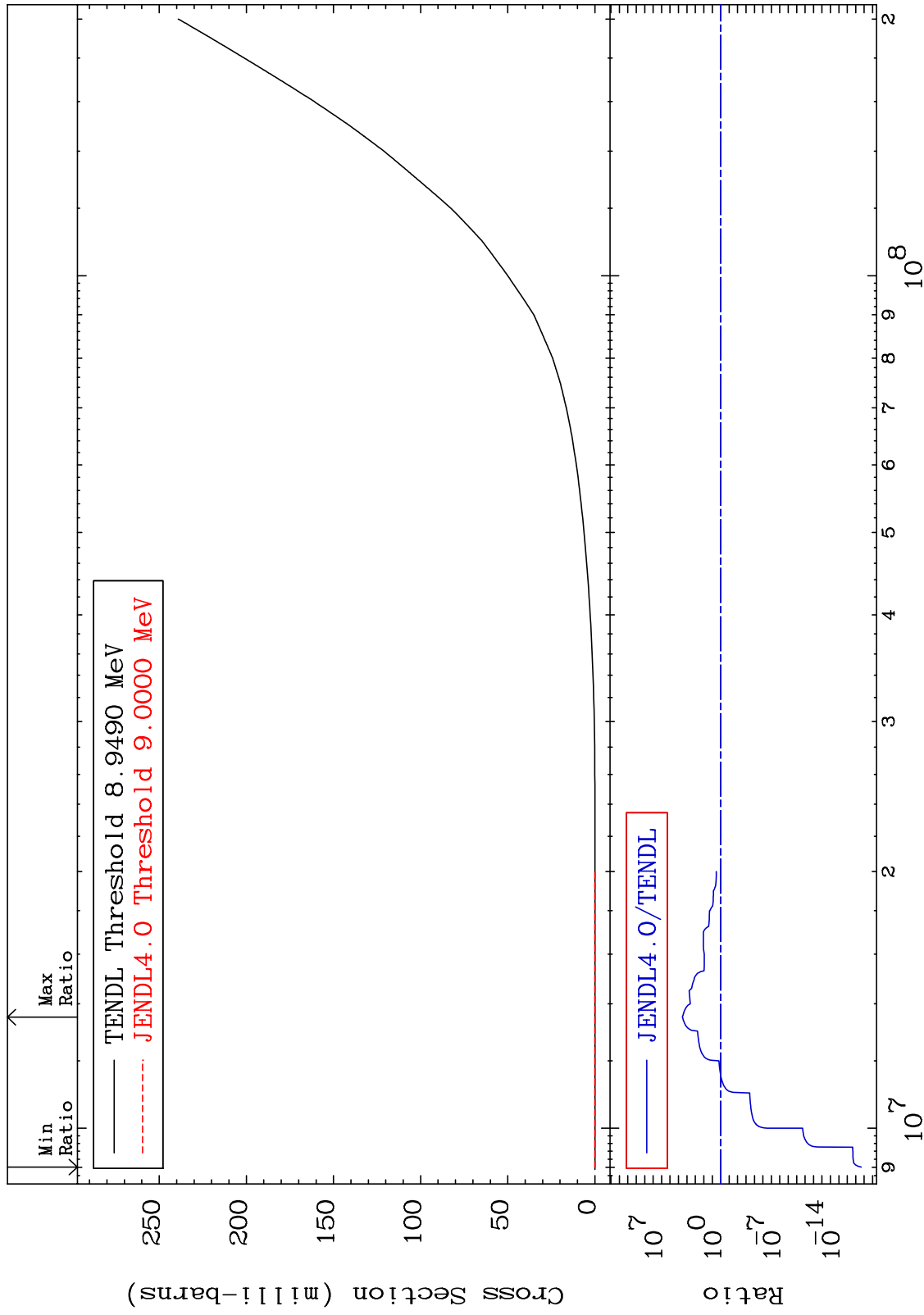


37 54-Xe-132

MAT 5449

He-3 Production
Cross Section

54-Xe-132
-100.0 To 9999. %



38

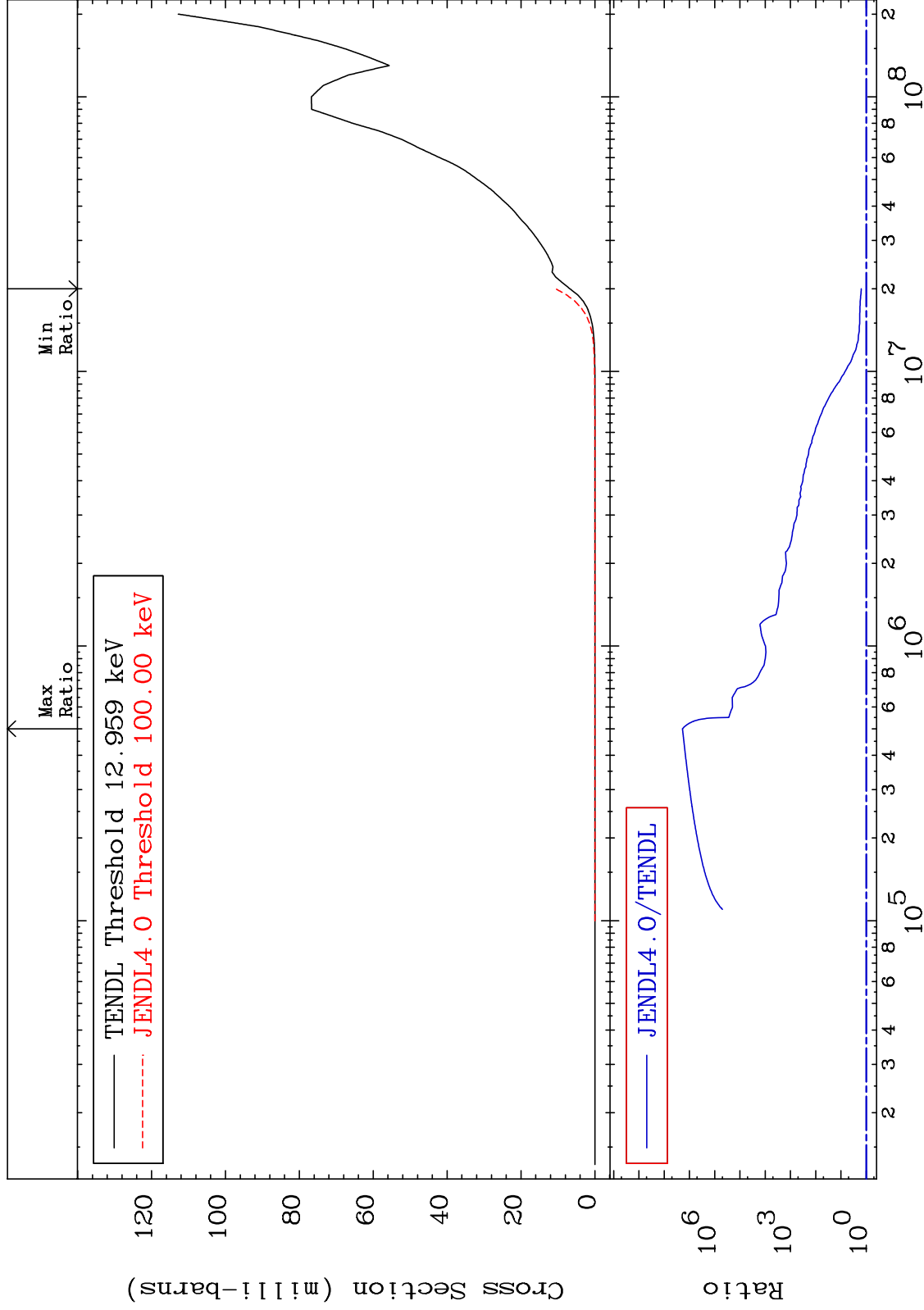
Incident Energy (eV)

54-Xe-132

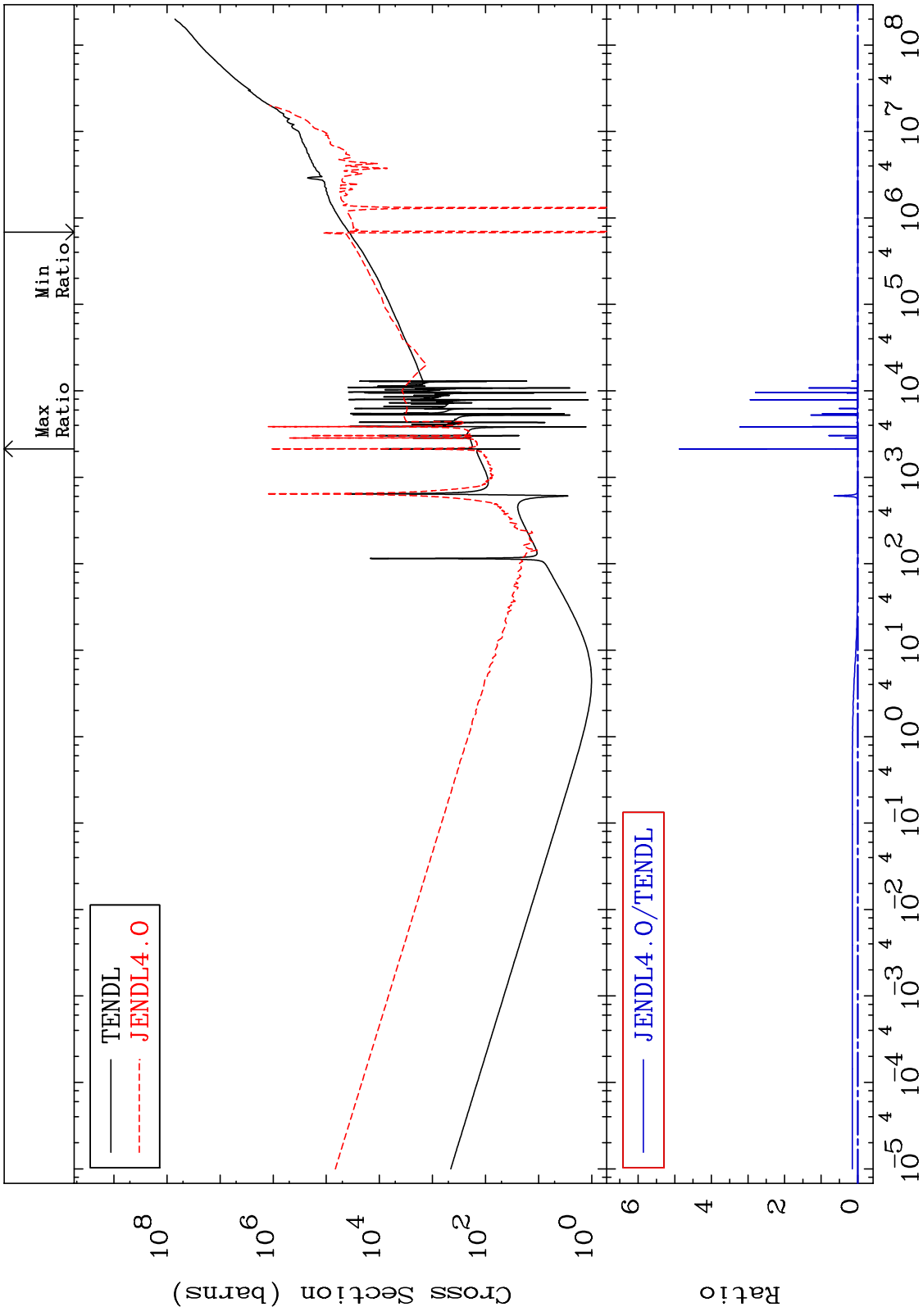
MAT 5449

He-4 Production
Cross Section

54-Xe-132
57.02 To 9999. %



MAT 5449 Kerma total (eV-barns)
 Cross Section 54-Xe-132
 -264.7 To 9999. %

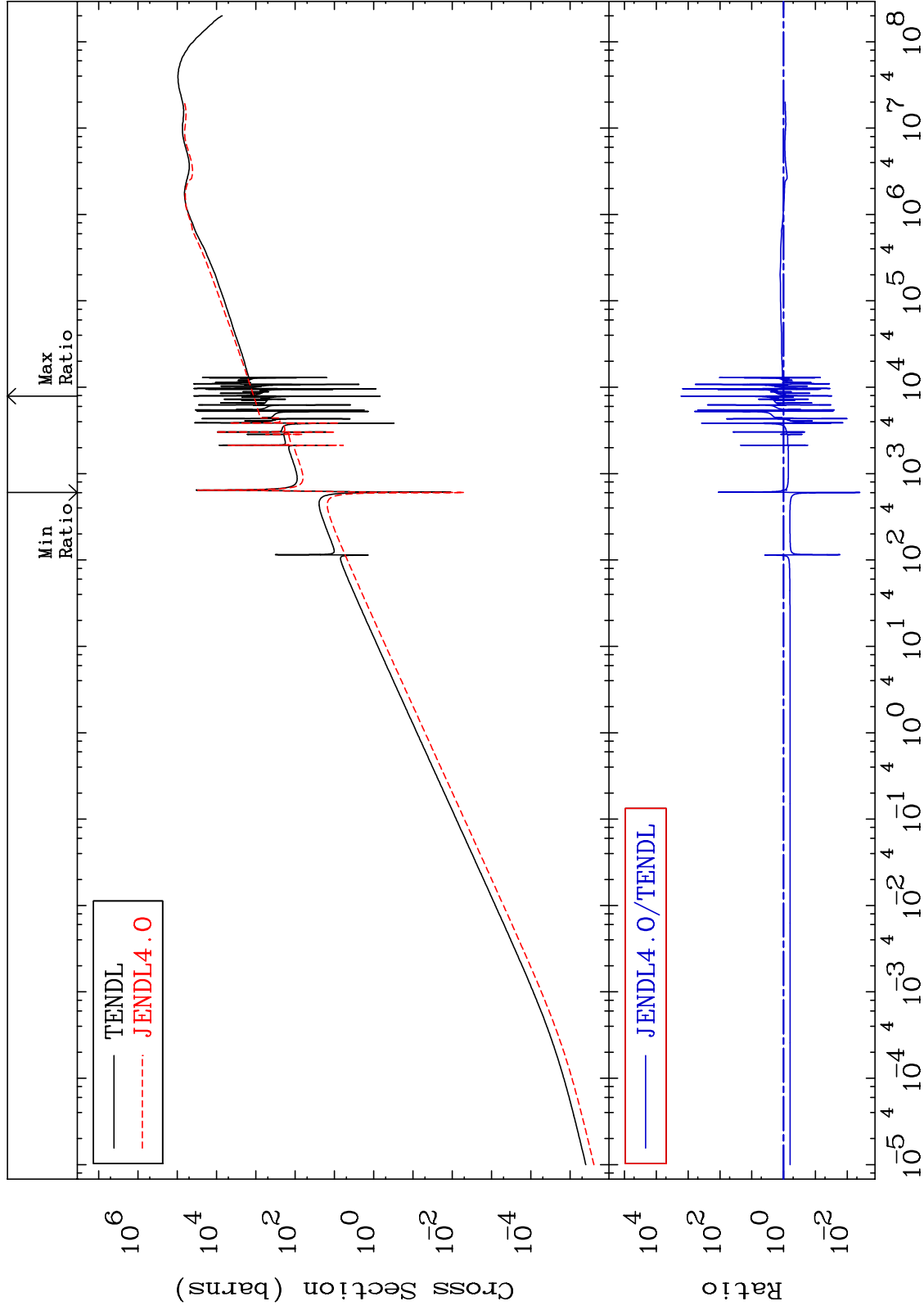


40 Incident Energy (eV) 54-Xe-132

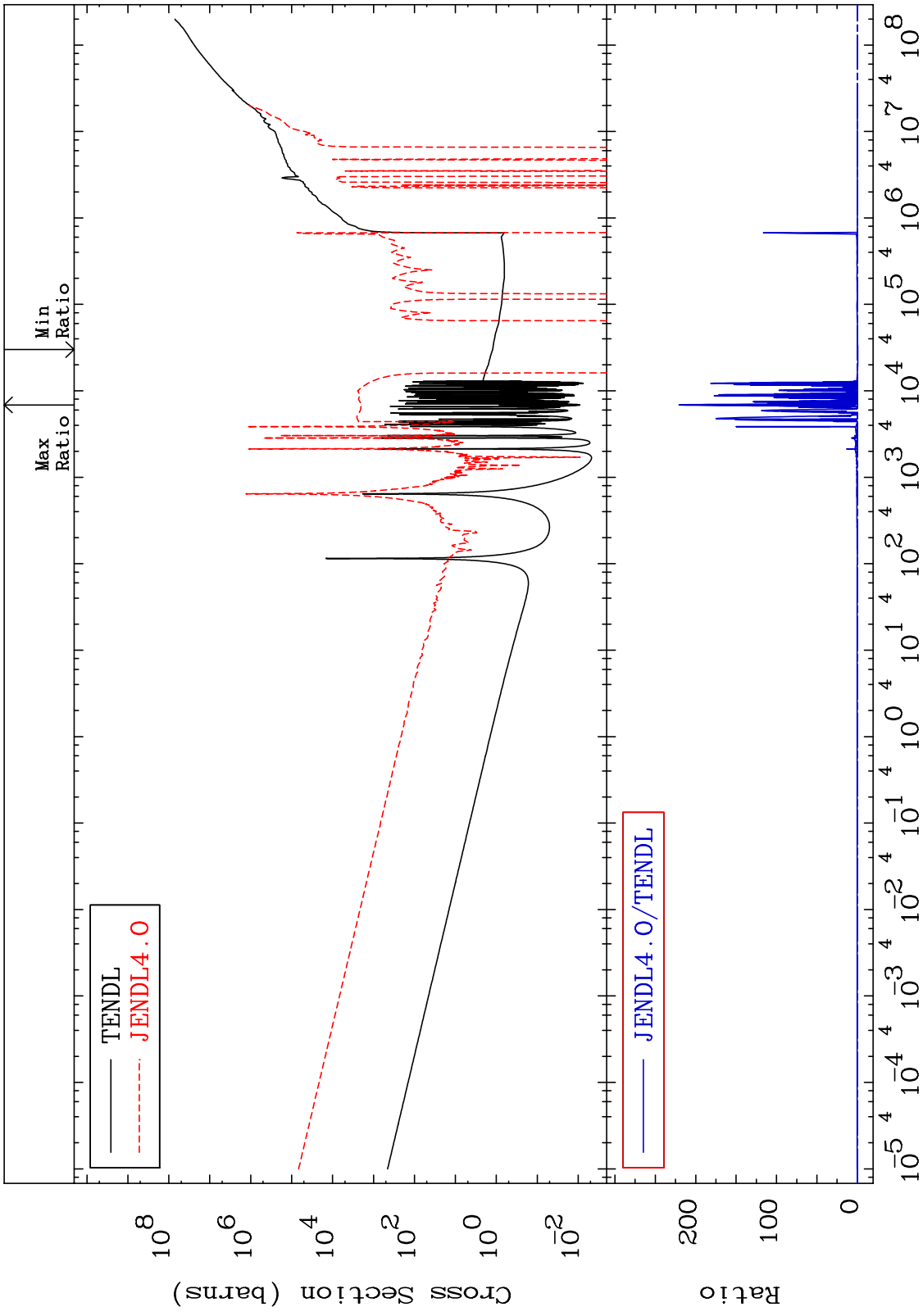
MAT 5449

Kerma elastic
Cross Section

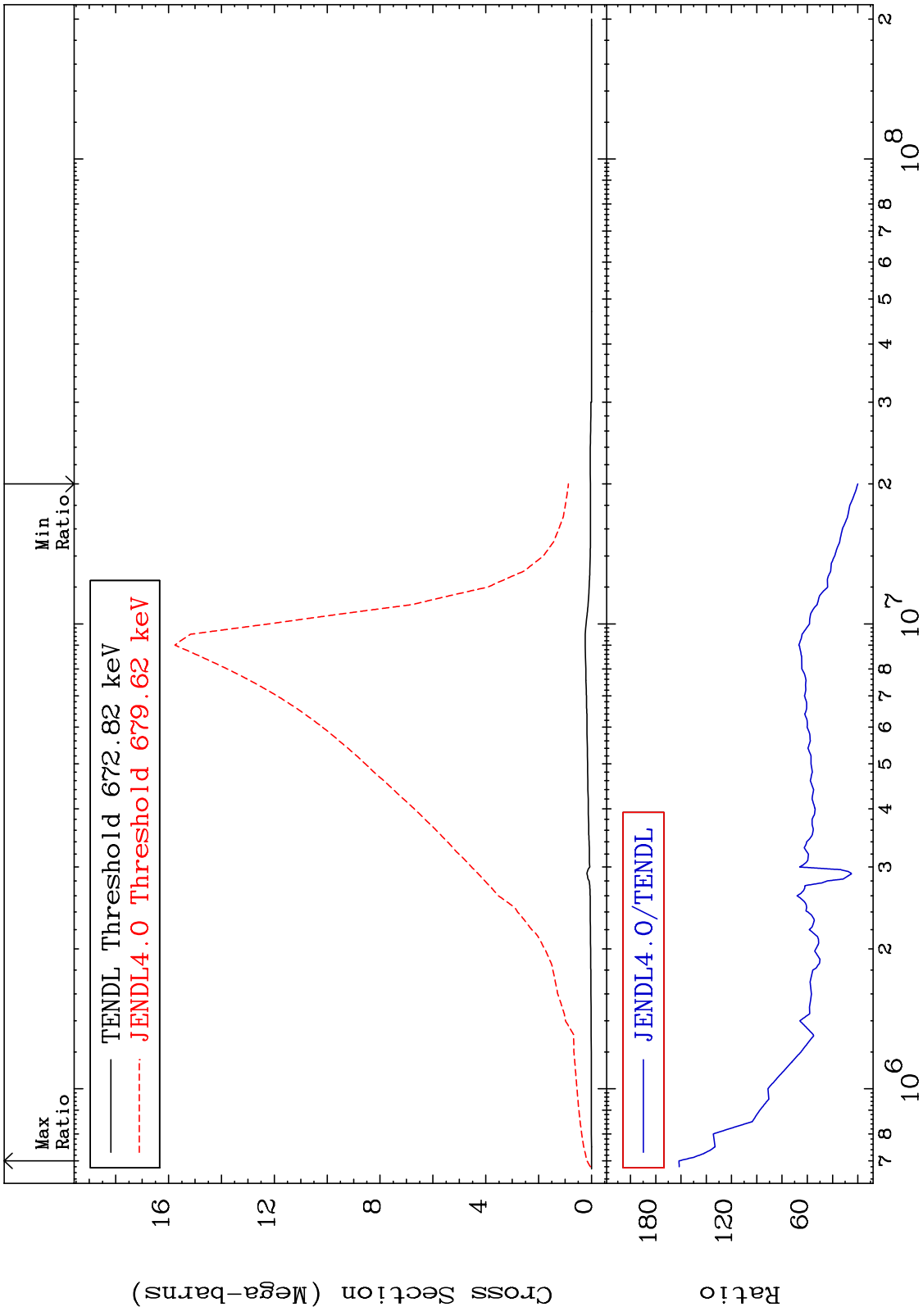
54-Xe-132
-99.60 To 9999. %



MAT 5449 Kerma non-elastic (all but mt2) 54-Xe-132
 Cross Section -9999. To 9999. %



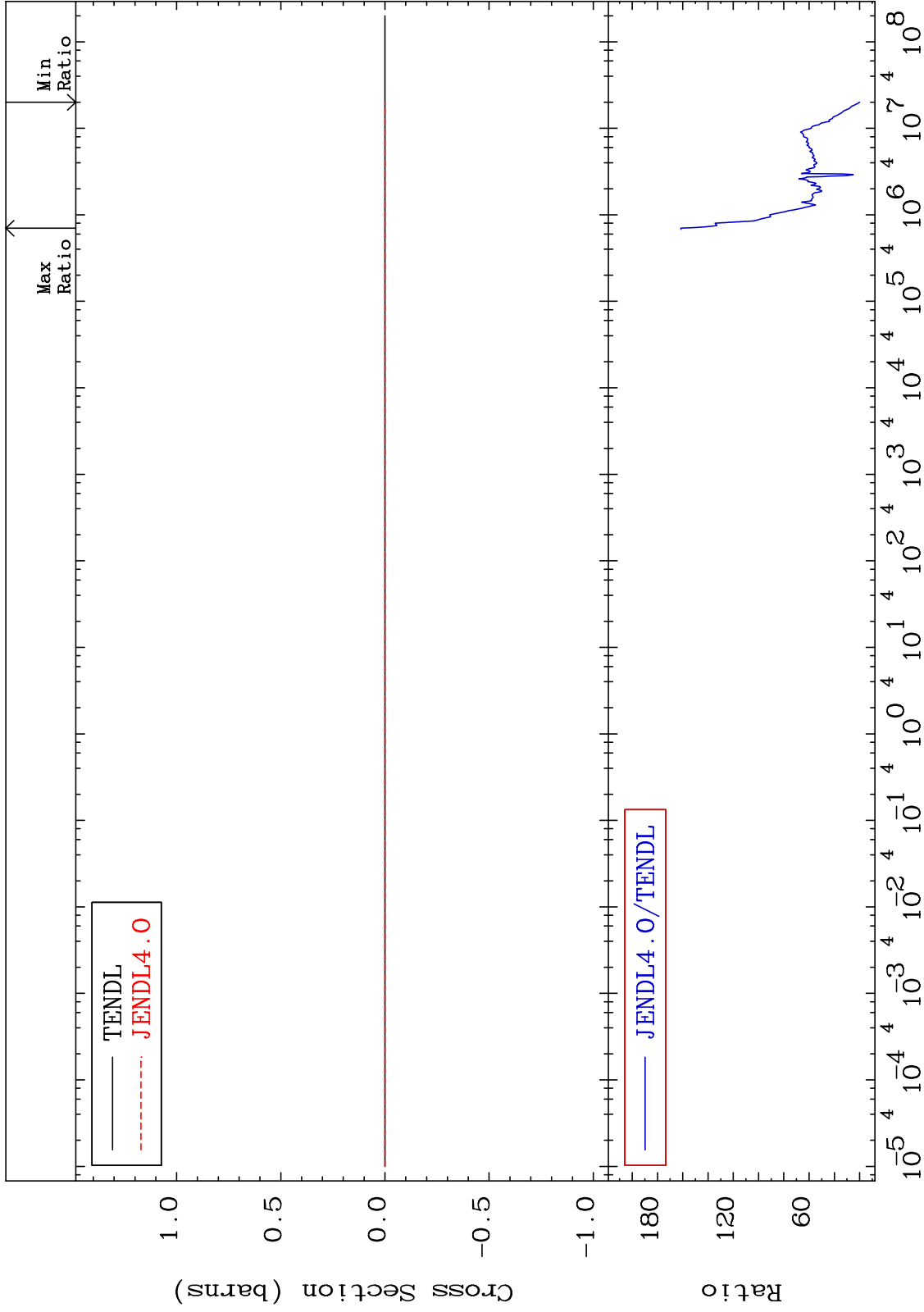
MAT 5449 Kerma inelastic (mt51-91) 54-Xe-132
 Cross Section 1899. To 9999. %



MAT 5449

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

54-Xe-132
1899. To 9999. %



44

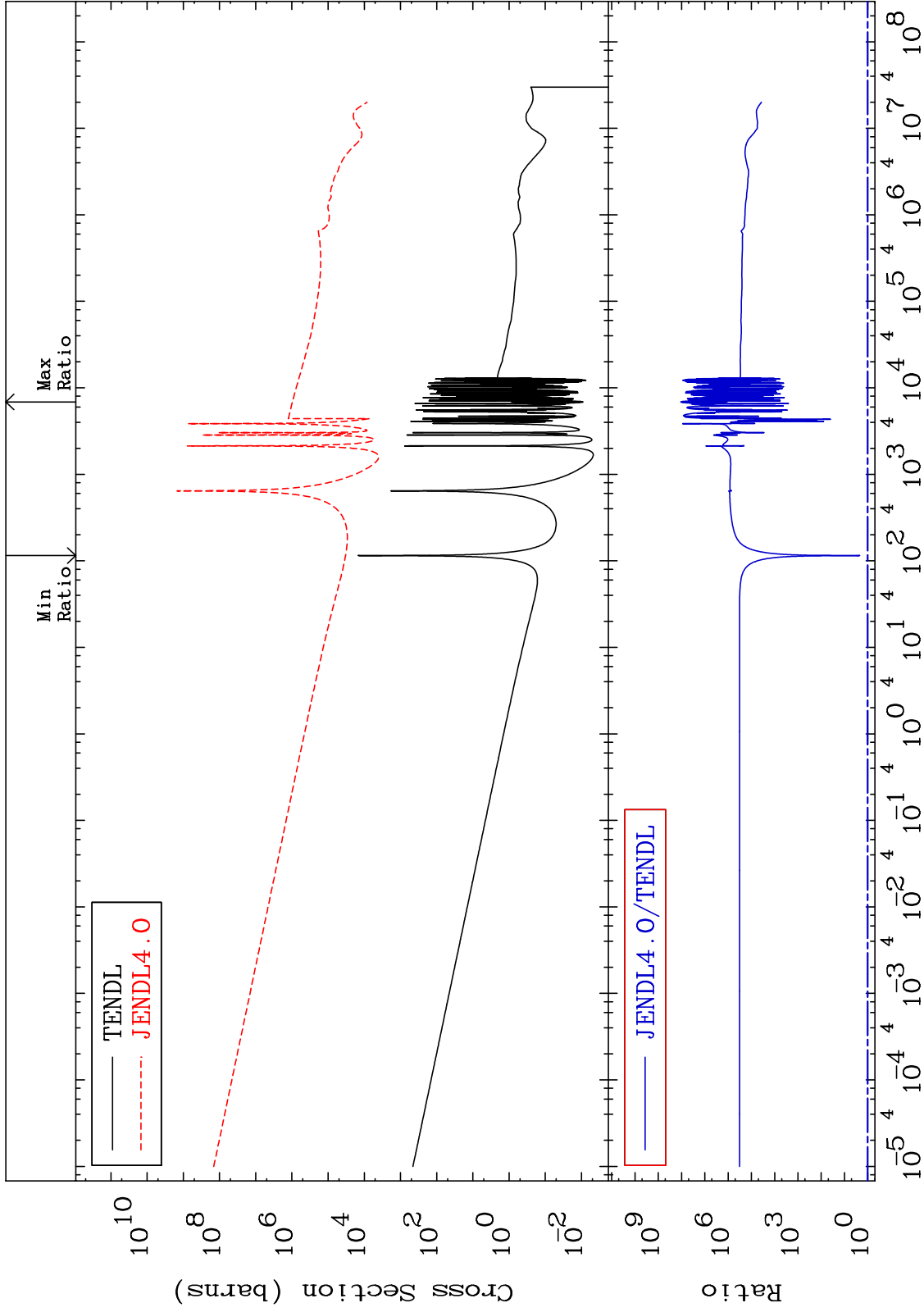
Incident Energy (eV)

54-Xe-132

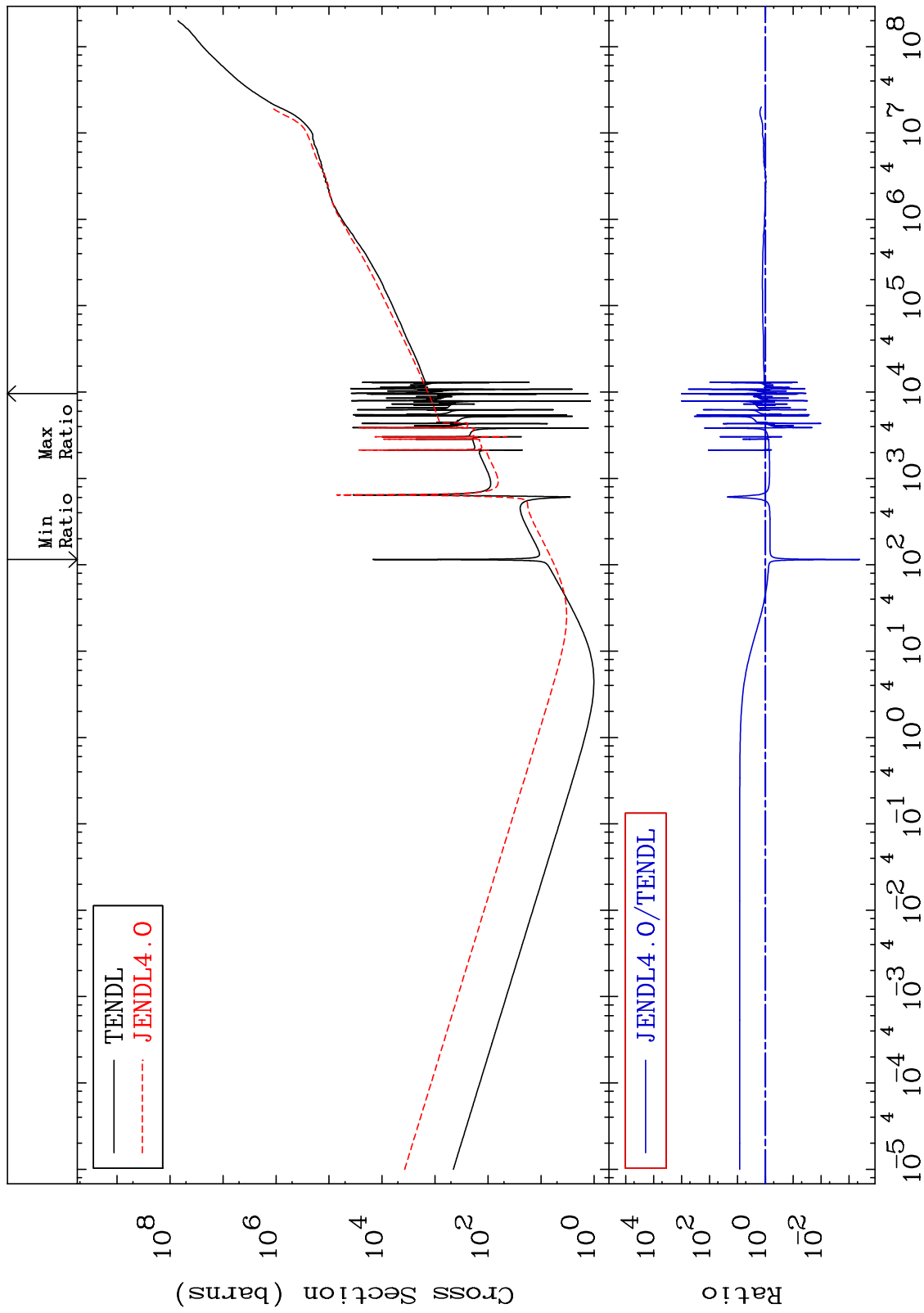
MAT 5449

Kerma capture (mt102)
Cross Section

54-Xe-132
123.7 To 9999. %



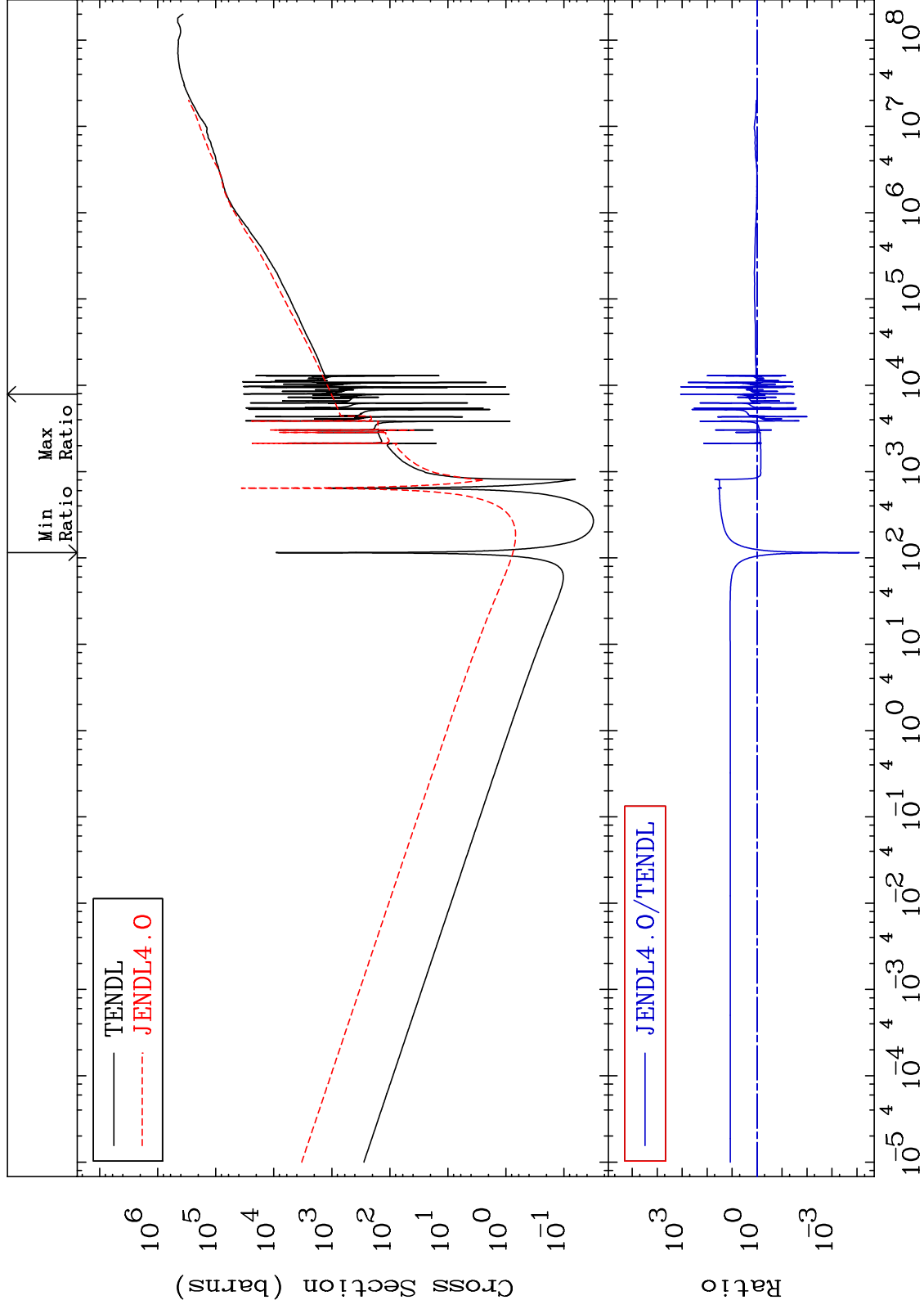
MAT 5449 Total kinematic kerma (high limit) 54-Xe-132
 Cross Section -99.96 To 9999. %



MAT 5449

Dpa total (eV-barns)
Cross Section

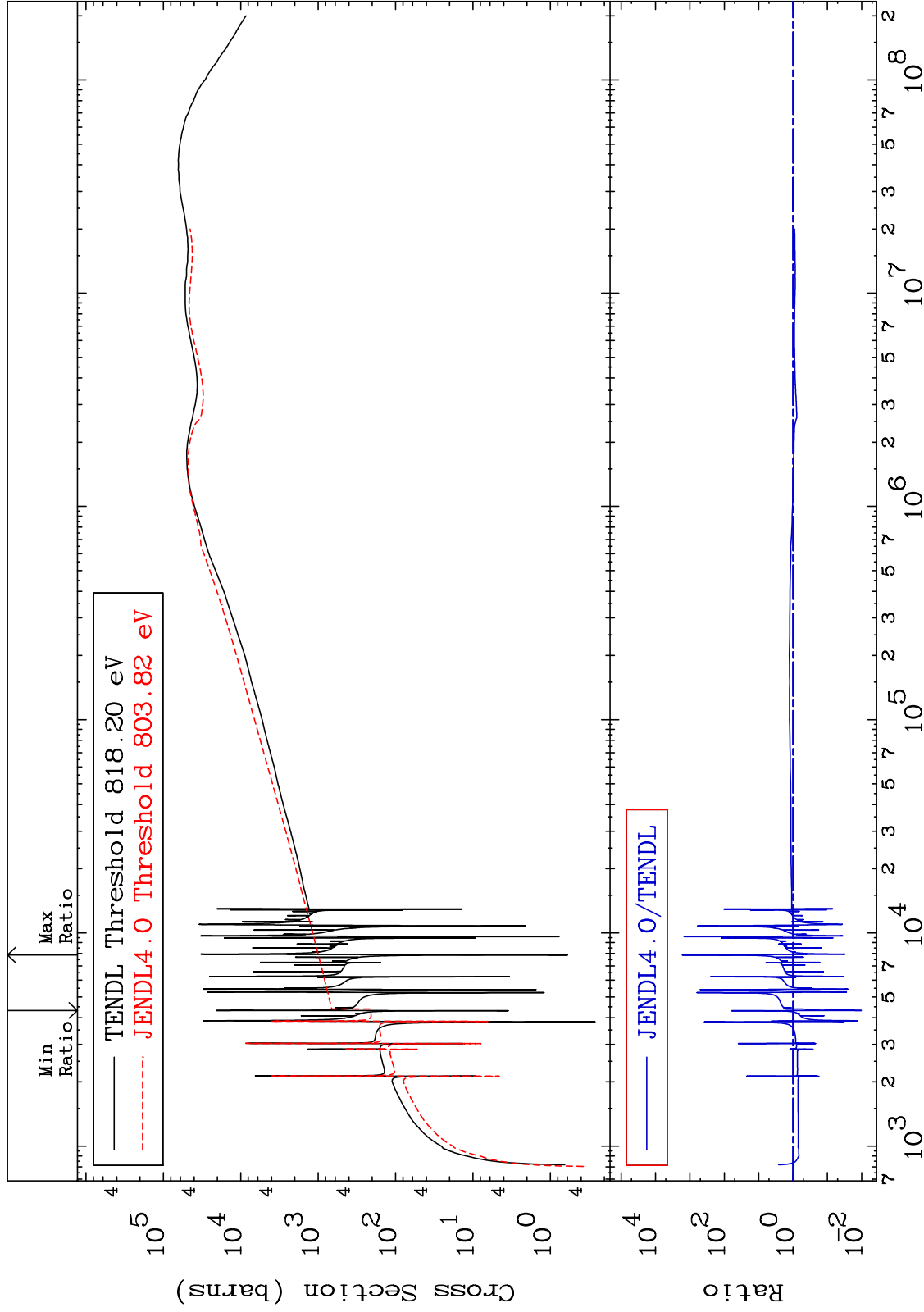
54-Xe-132
-99.99 To 9999. %



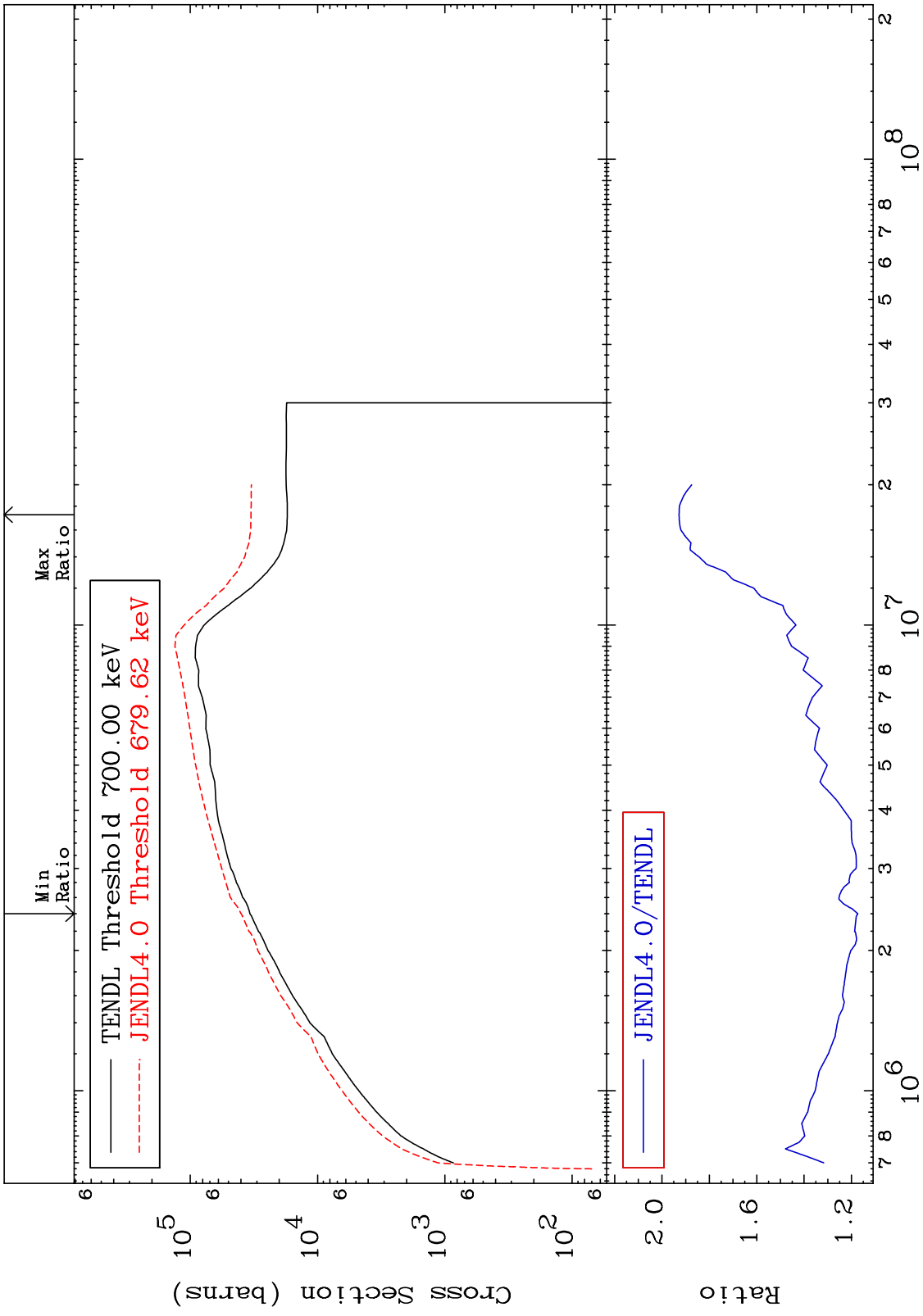
MAT 5449

Dpa elastic (mt2)
Cross Section

54-Xe-132
-98.97 To 9999. %



MAT 5449 Dpa inelastic (mt51-91) 54-Xe-132
 Cross Section 17.29 To 92.80 %



50 Incident Energy (eV) 54-Xe-132

MAT 5449 Dpa disappearance (mt102 -120) 54-Xe-132
 Cross Section -99.99 To 9999. %

