

Program Complot
(Version 2018-1)

by

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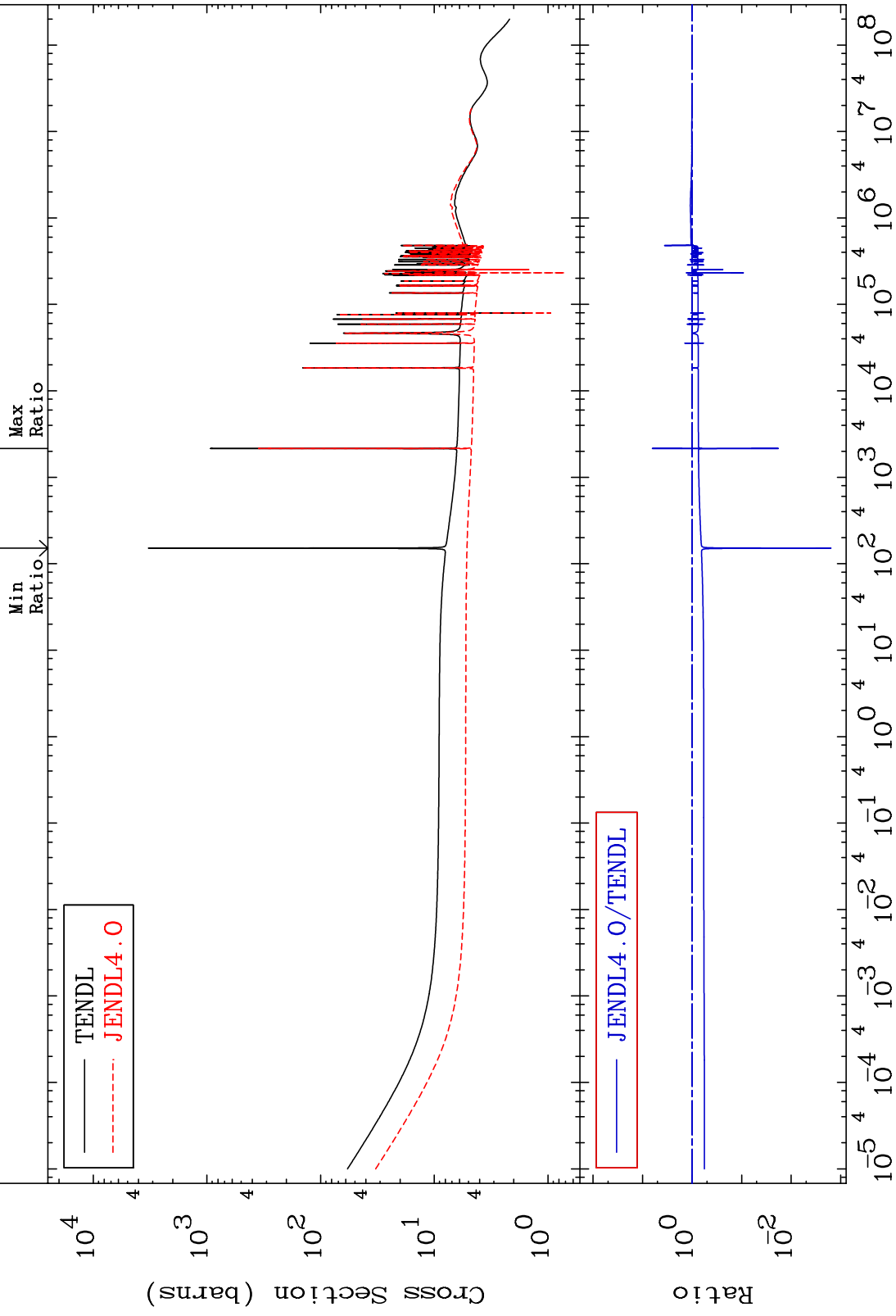
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E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

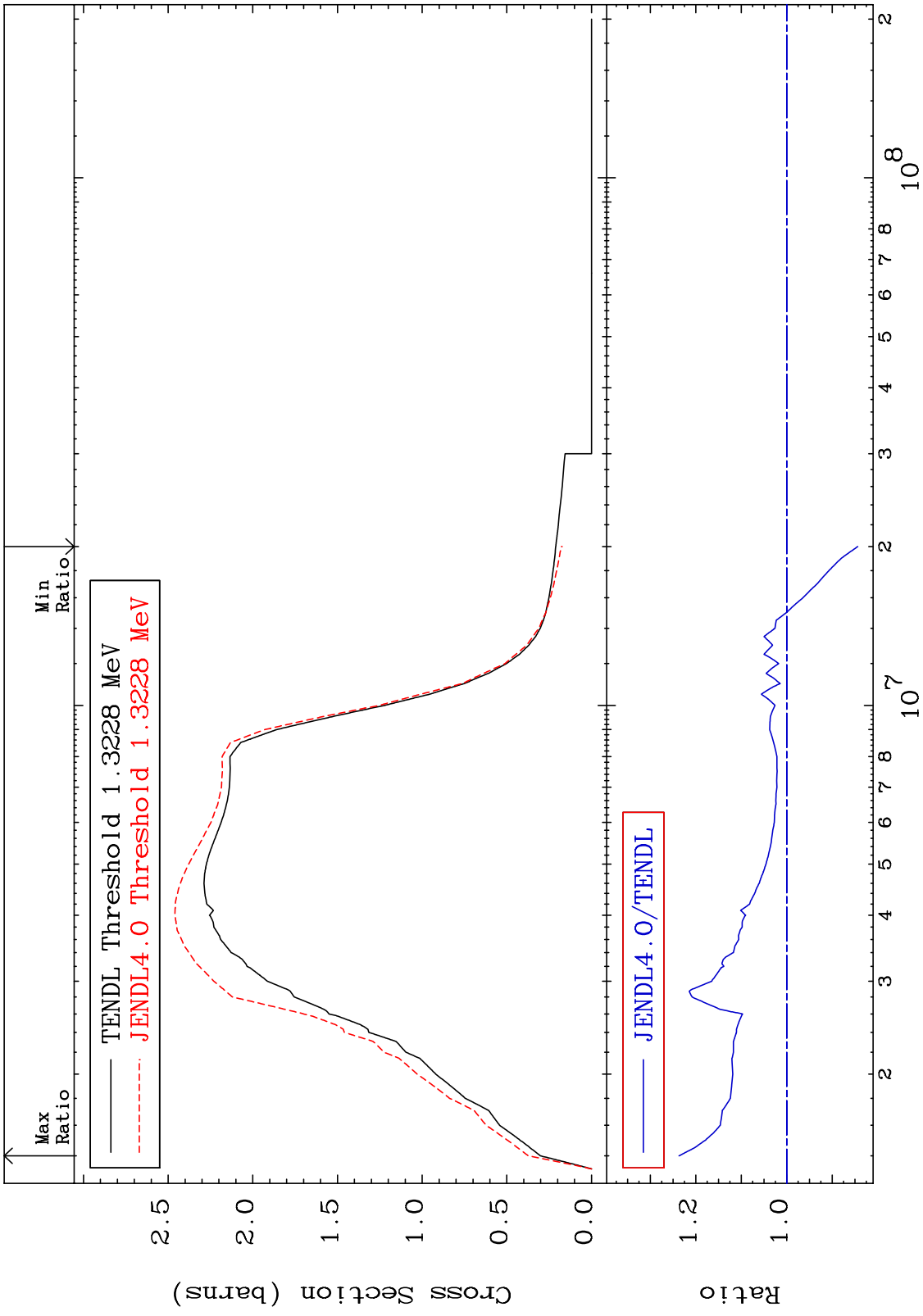
MAT 5461 54-Xe-136 -99.84 To 538.2 %

Total Cross Section



54-Xe-136

MAT 5461 Inelastic Cross Section 54-Xe-136 -15.62 To 23.69 %



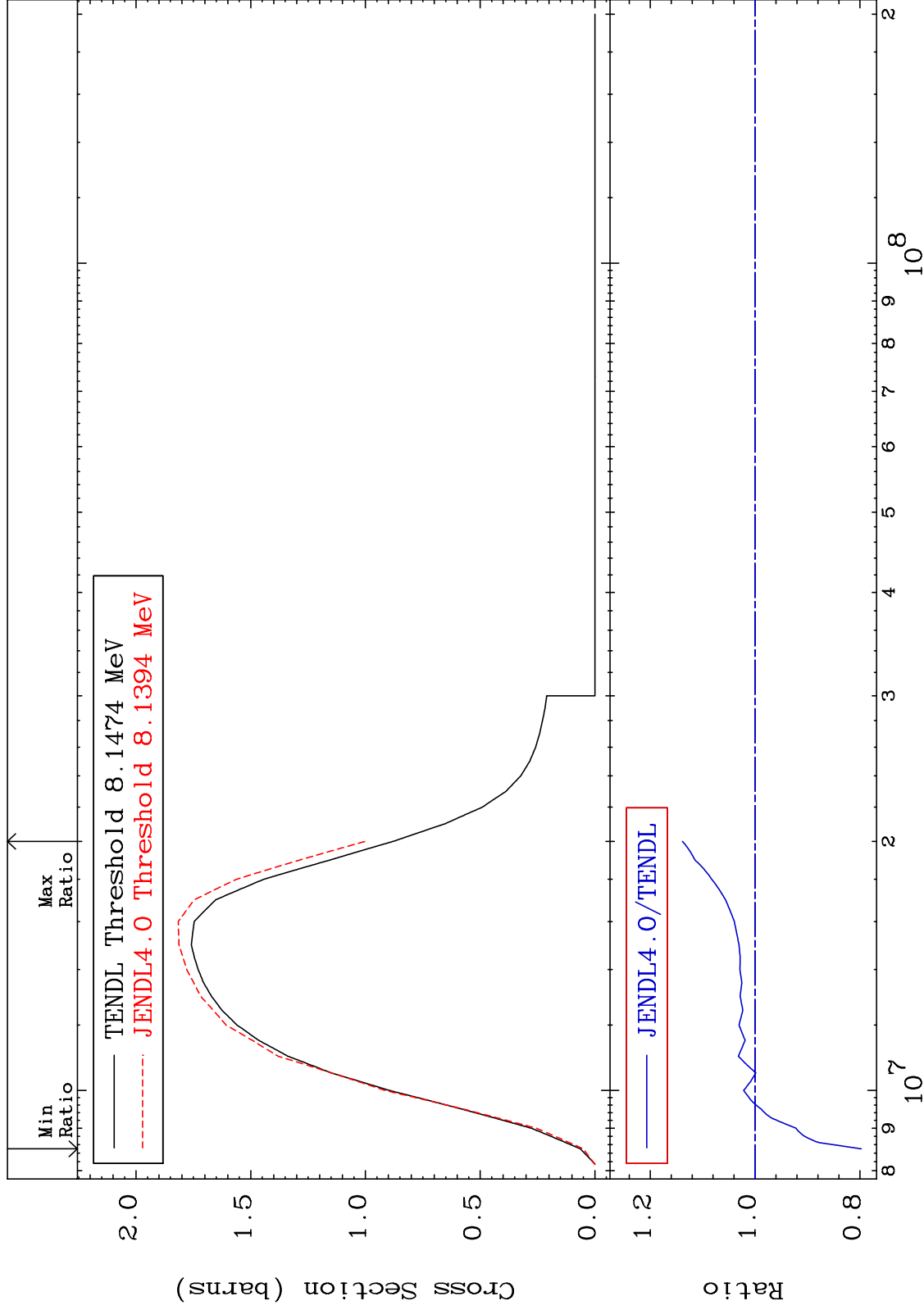
MAT 5461

(n,2n)

54-Xe-136

Cross Section

-20.27 To 13.85 %



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Incident Energy (eV)

54-Xe-136

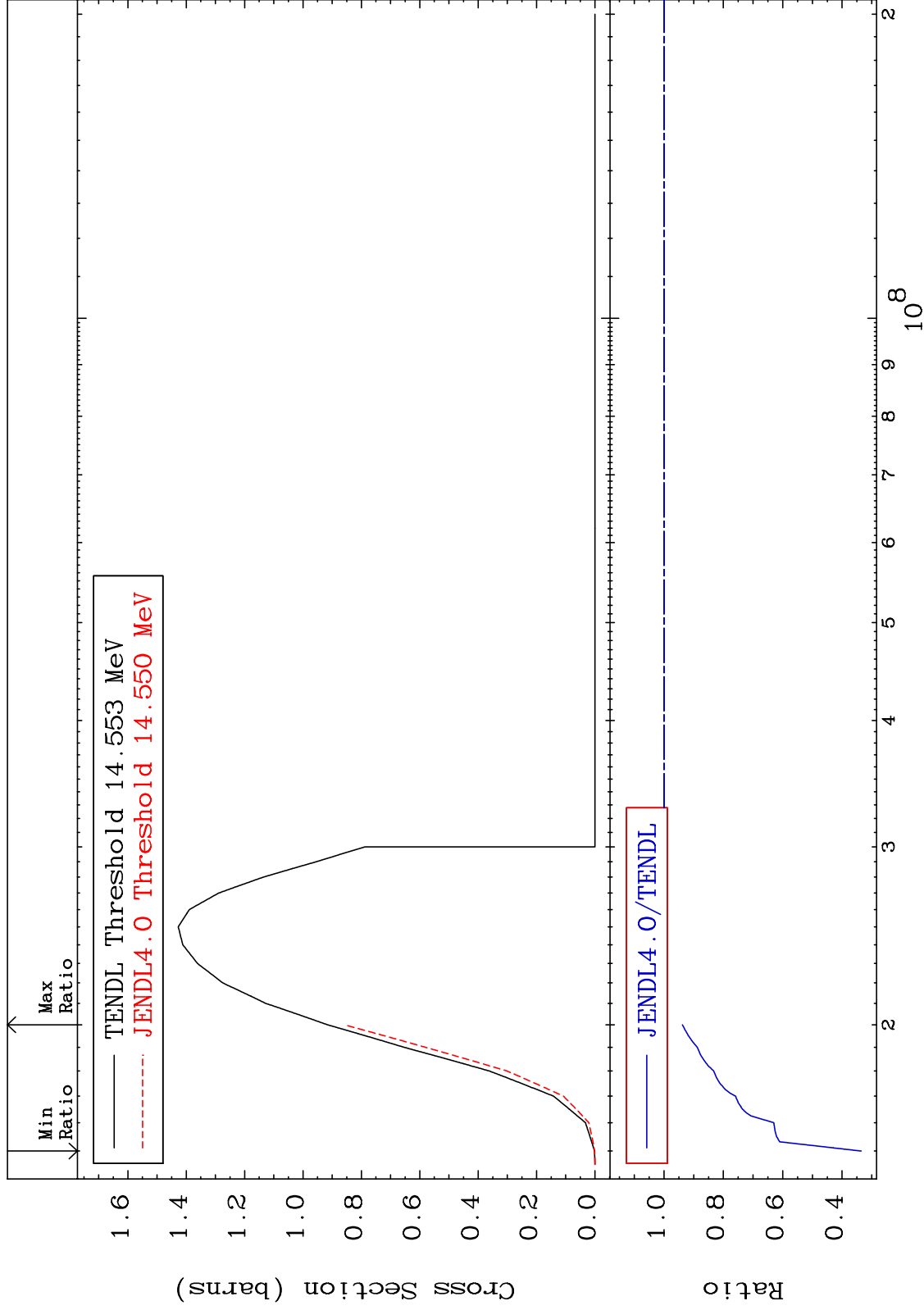
MAT 5461

(n,3n)

54-Xe-136

Cross Section

-66.47 To -6.208%



5

Incident Energy (eV)

54-Xe-136

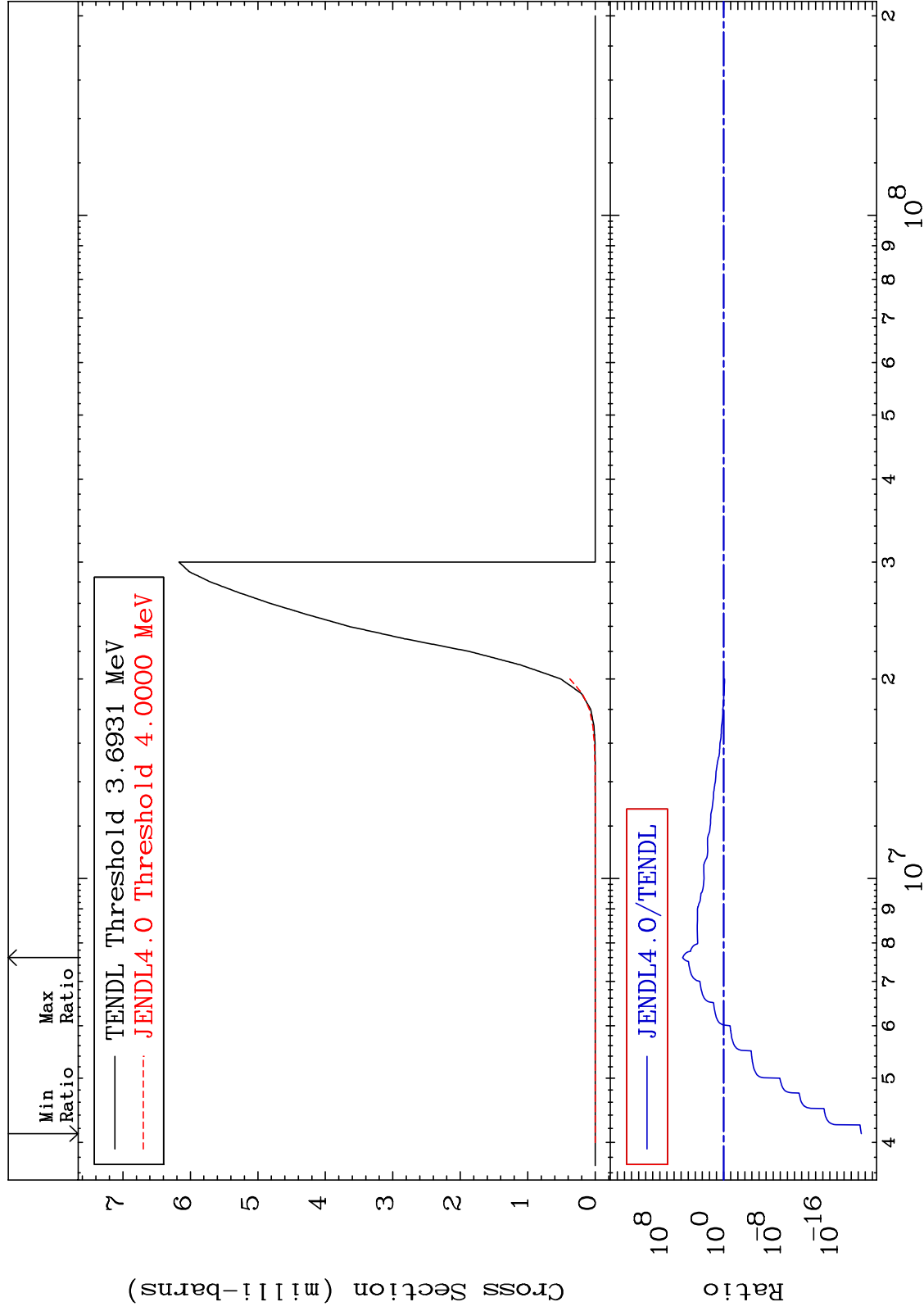
MAT 5461

(n,n') α

54-Xe-136

-100.0 To 9999. %

Cross Section

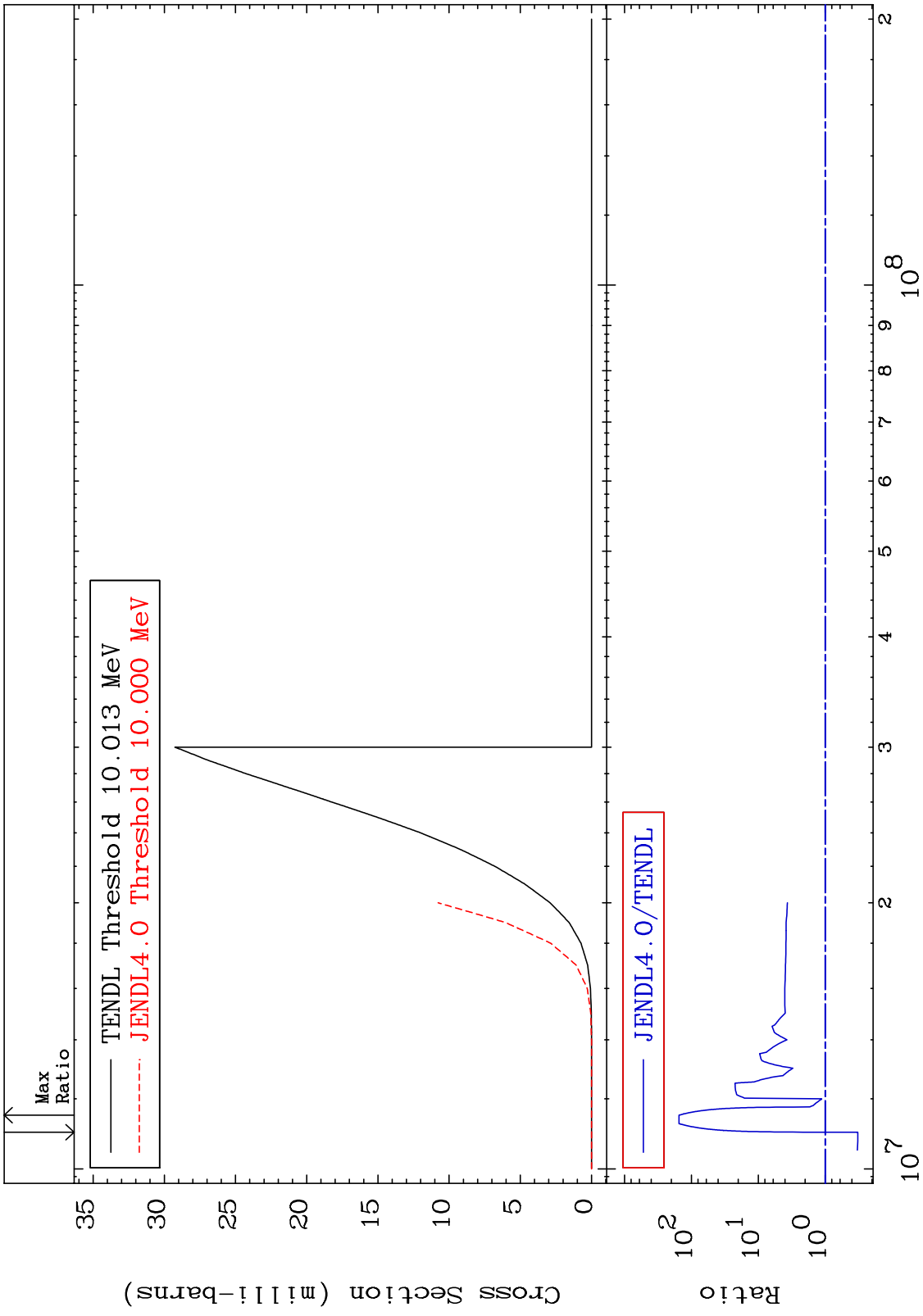


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Incident Energy (eV)

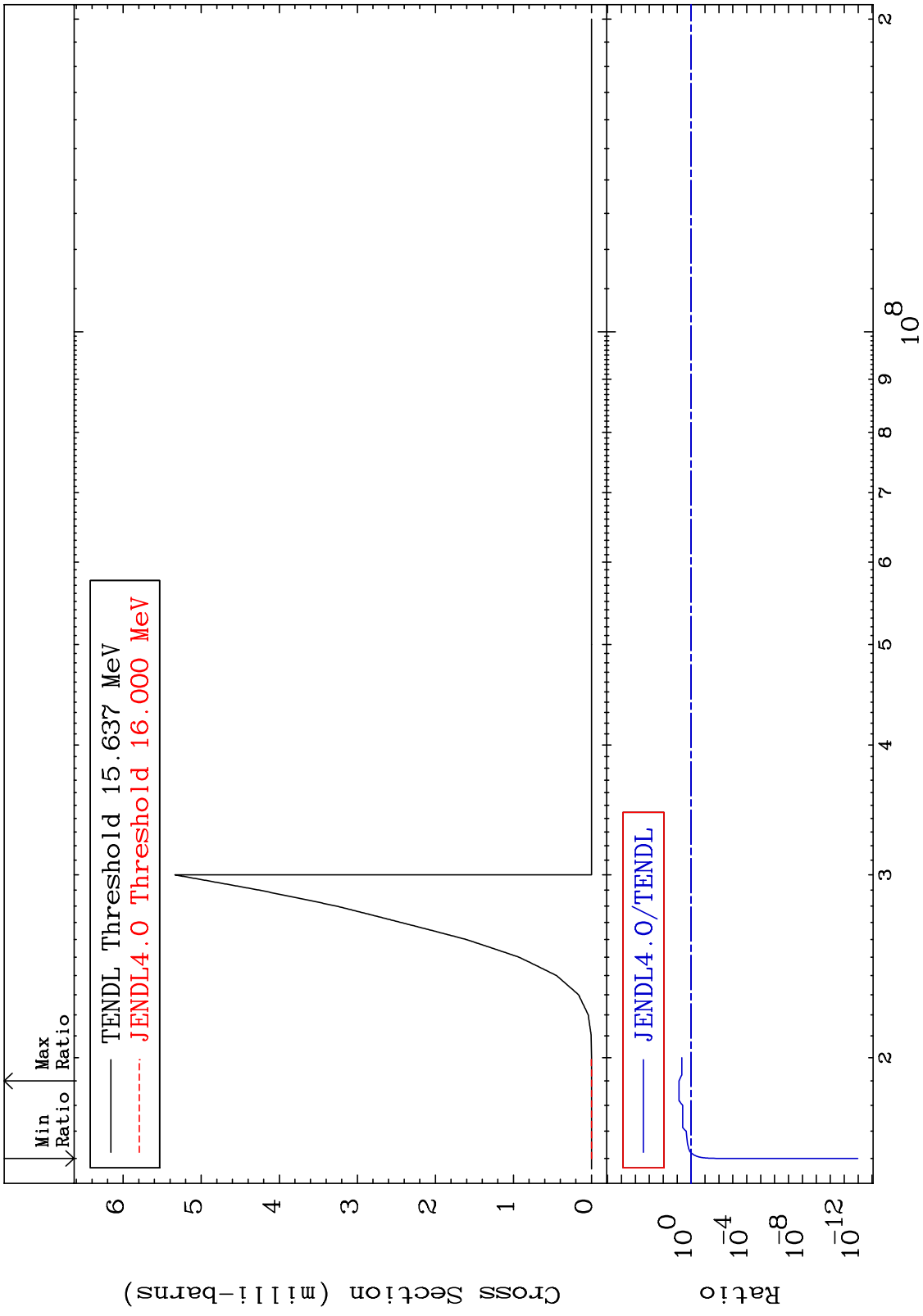
54-Xe-136

MAT 5461 (n,n') p 54-Xe-136
 Cross Section -67.36 To 9999. %

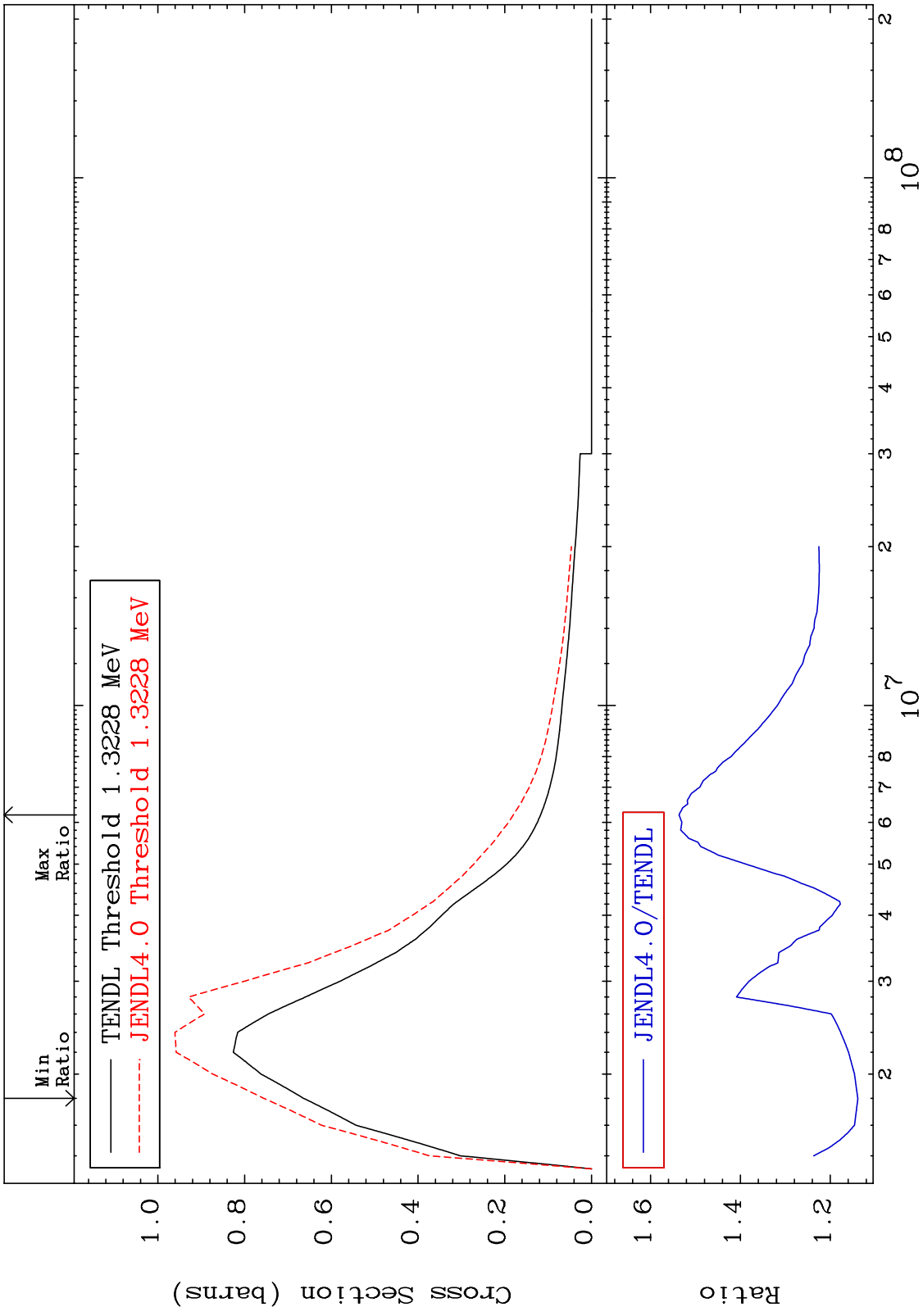


Incident Energy (eV) 54-Xe-136

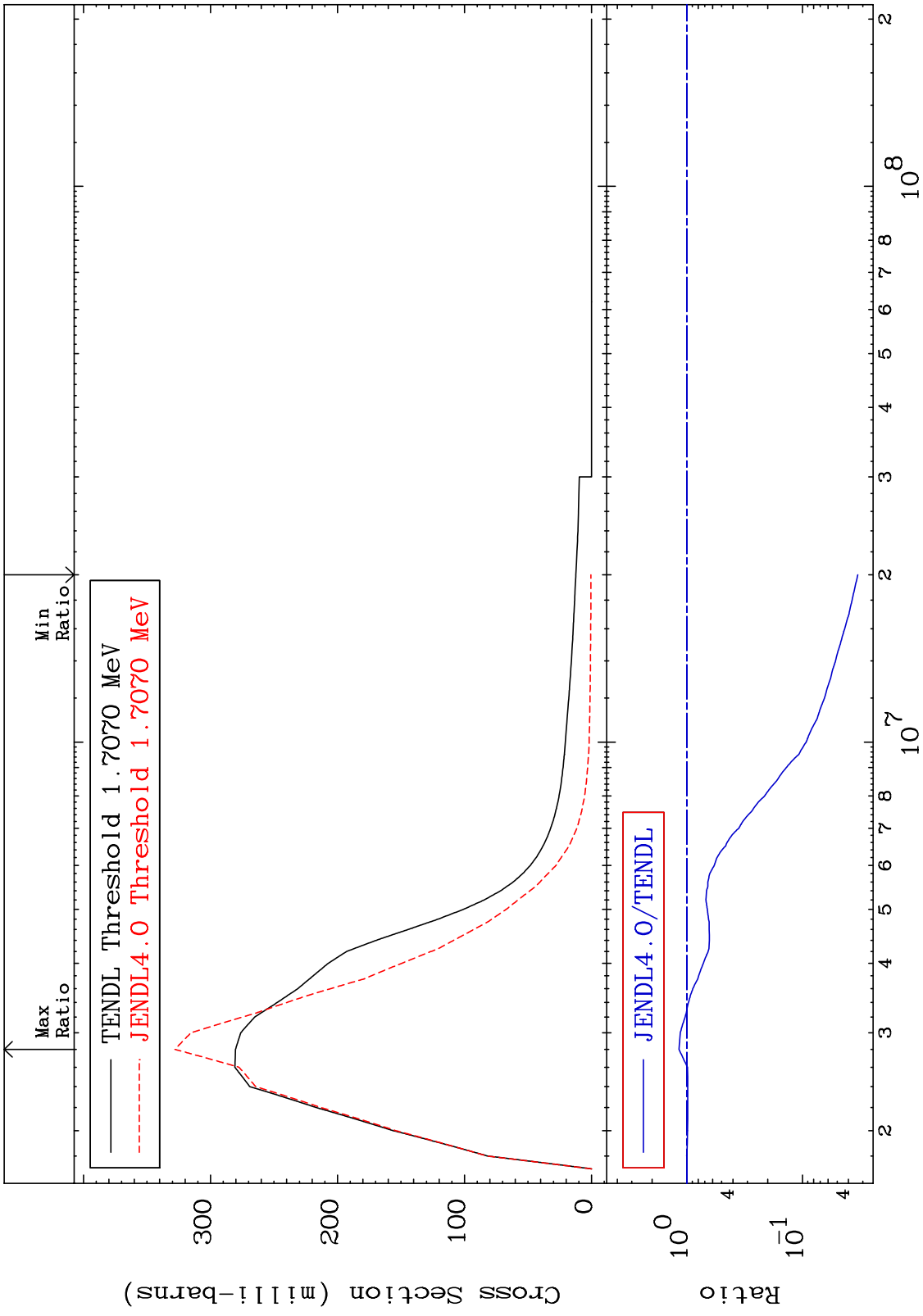
MAT 5461 (n,n') d 54-Xe-136
 Cross Section -100.0 To 631.5 %



MAT 5461 MT= 51 (n,n') Level Cross Section 54-Xe-136 13.87 To 53.66 %



MAT 5461 MT= 52 (n,n') Level Cross Section 54-Xe-136 -96.69 To 17.02 %

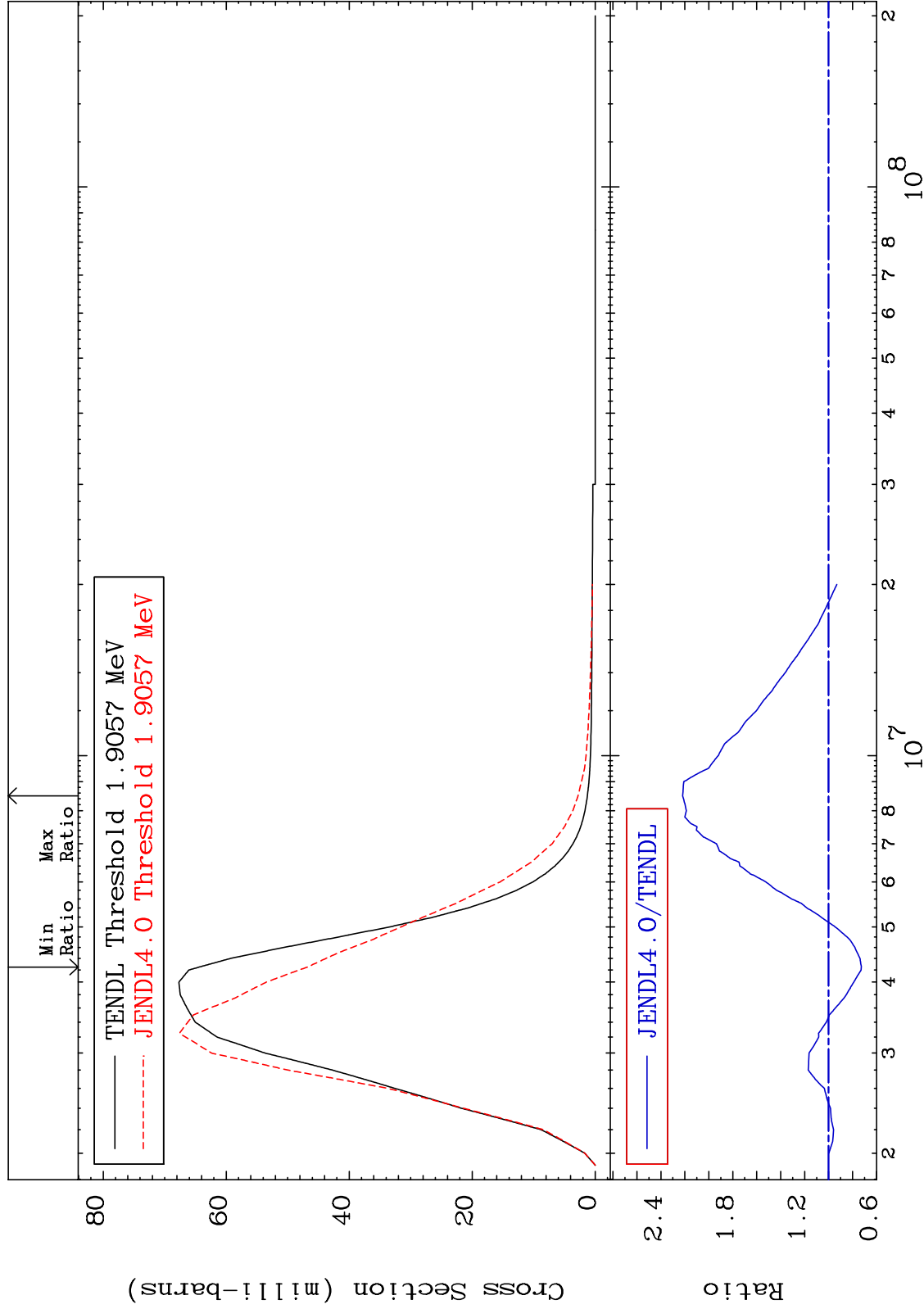


10 54-Xe-136

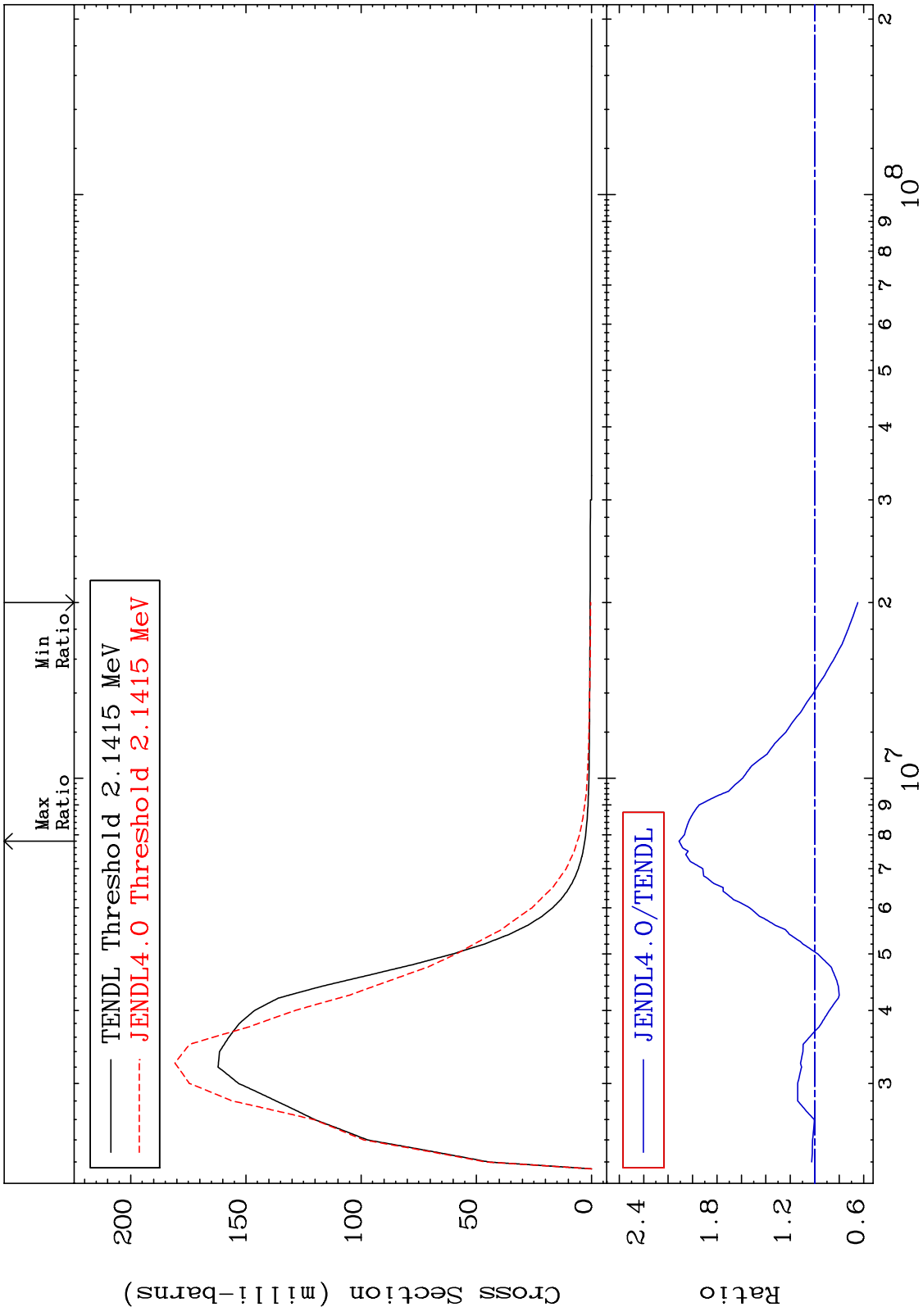
MAT 5461

MT= 53 (n,n') Level
Cross Section

54-Xe-136
-27.33 To 121.8 %



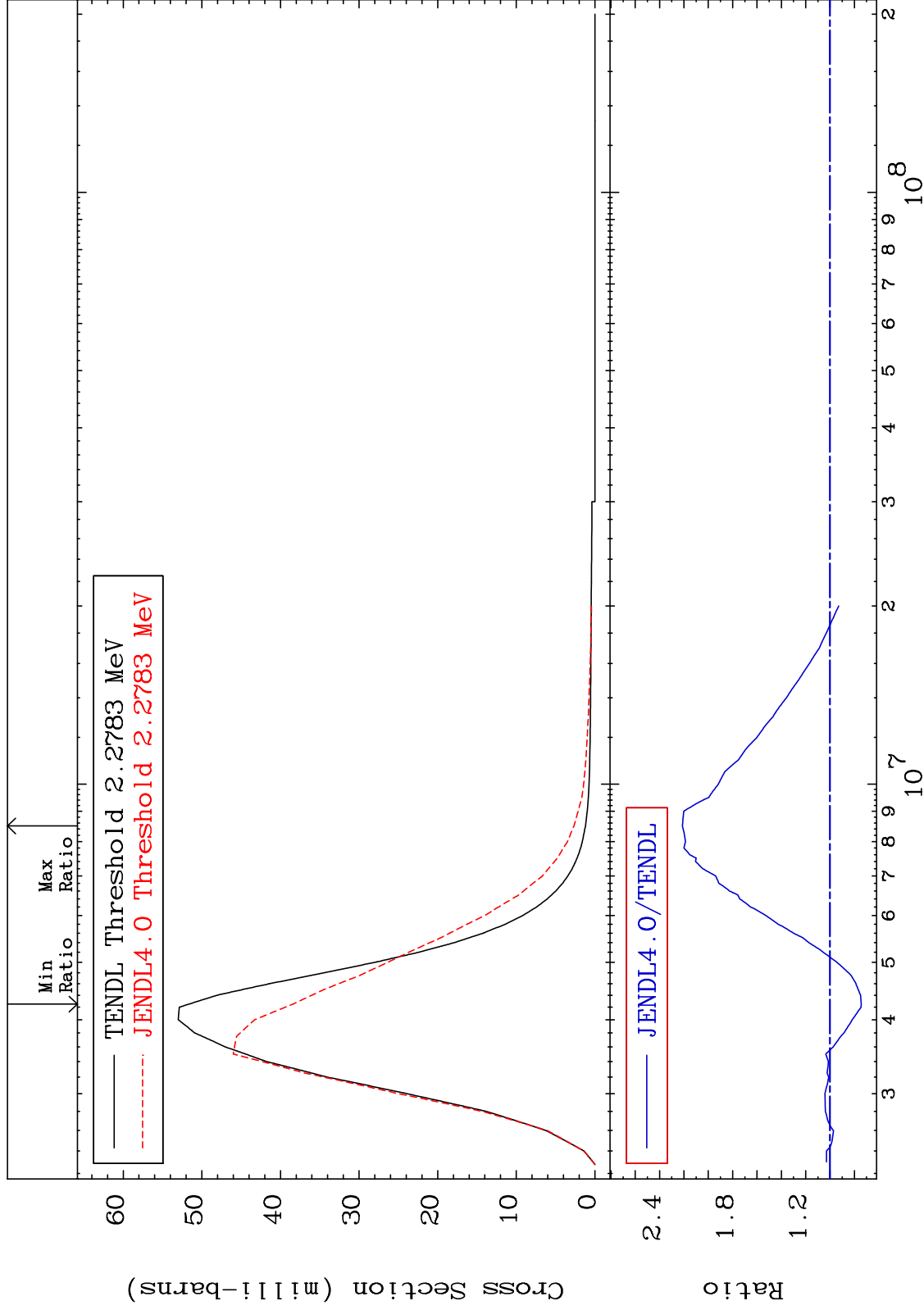
MAT 5461 MT= 54 (n,n') Level Cross Section 54-Xe-136 -35.28 To 111.1 %



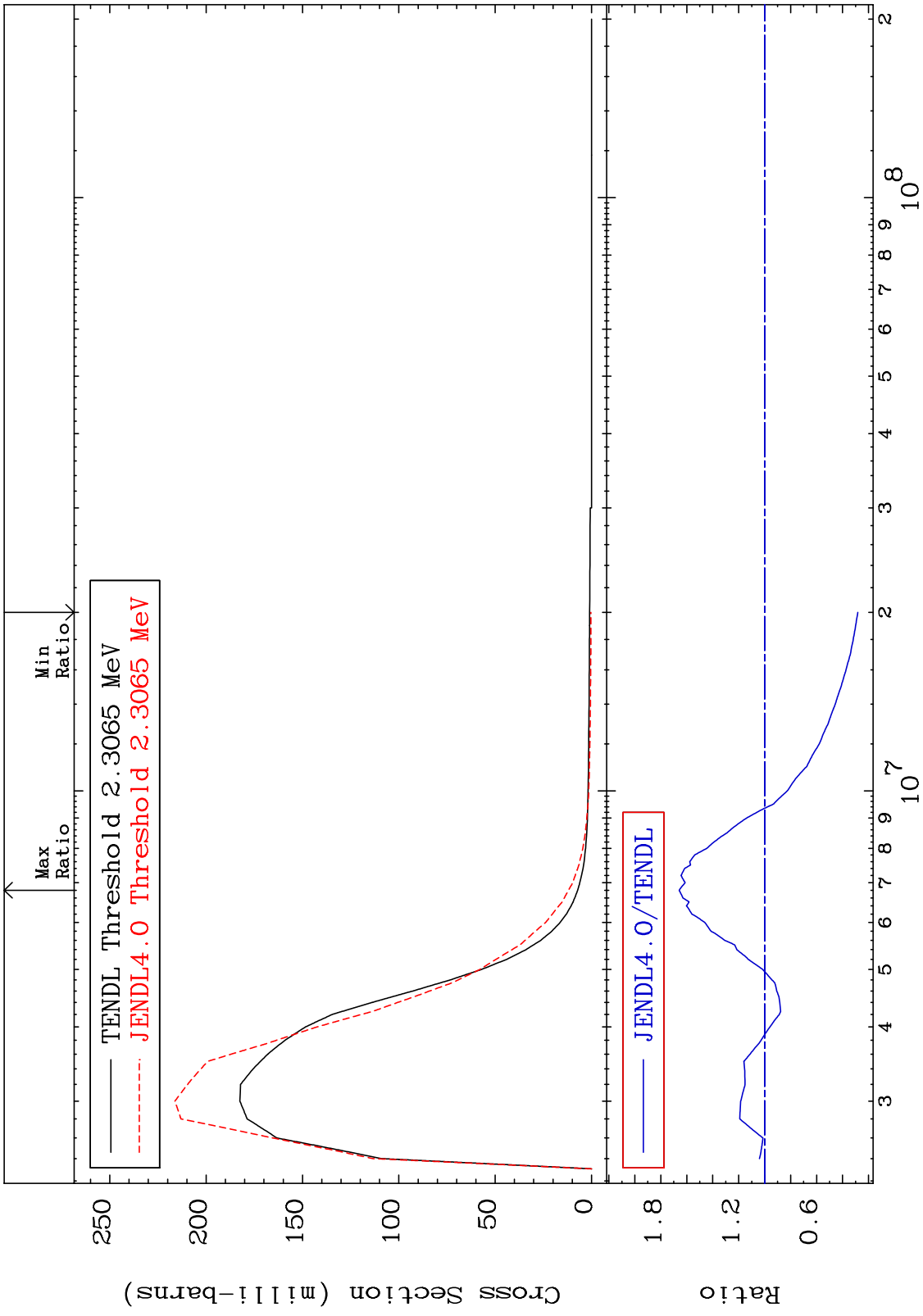
MAT 5461

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

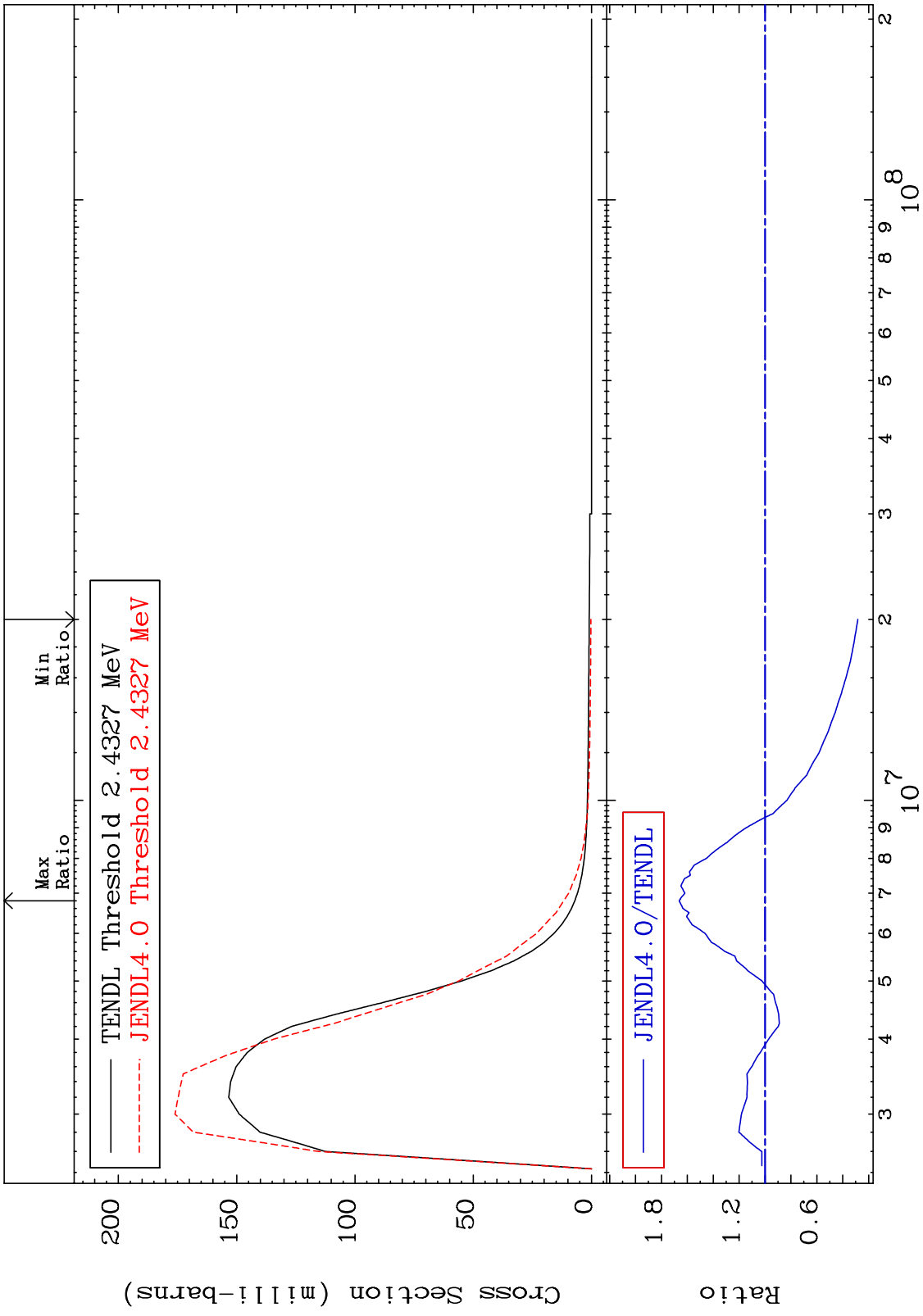
54-Xe-136
-25.64 To 121.2 %



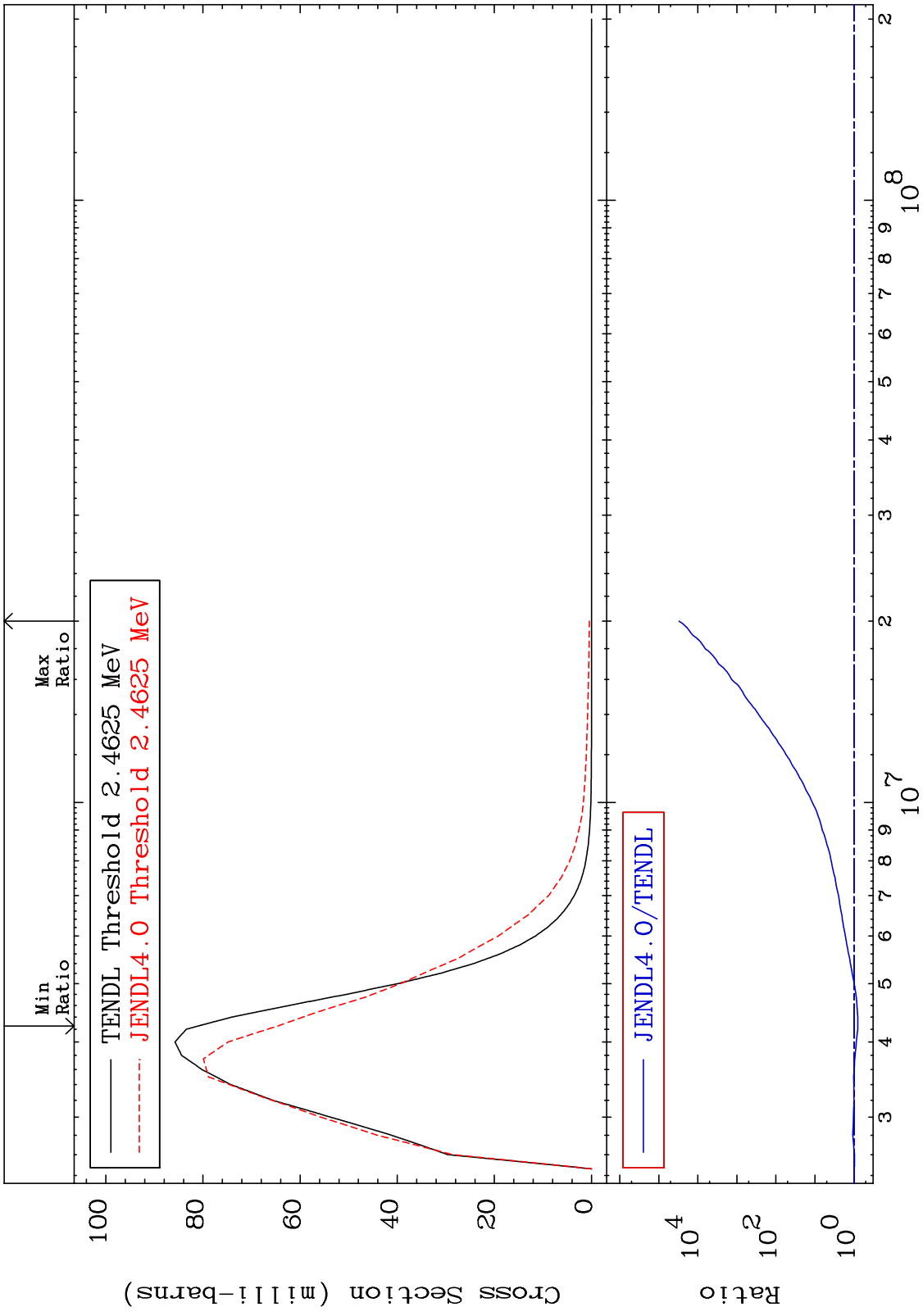
MAT 5461 MT= 56 (n,n') Level Cross Section 54-Xe-136 -71.75 To 65.94 %



MAT 5461 MT= 57 (n,n') Level Cross Section 54-Xe-136
 -71.67 To 66.37 %



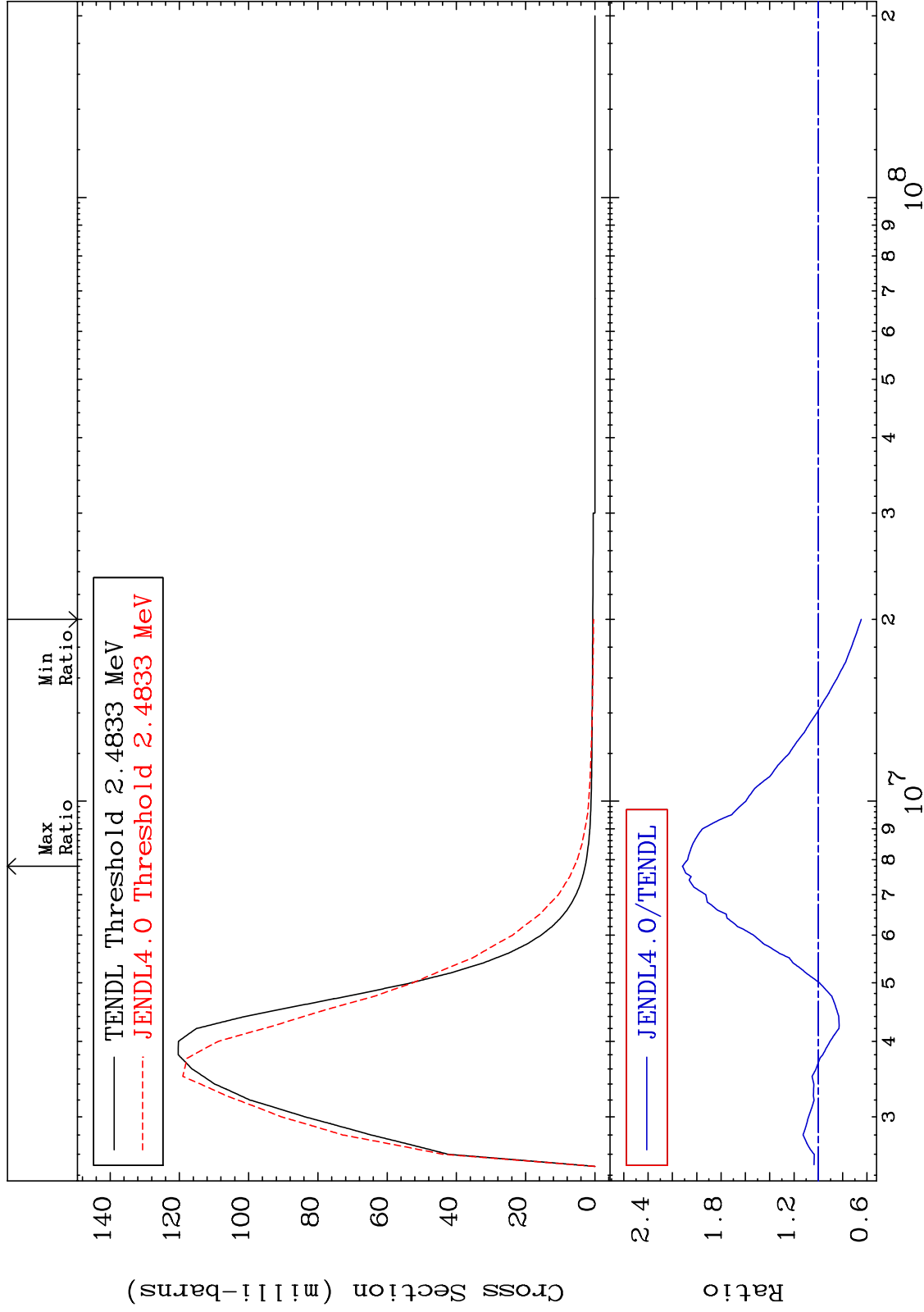
MAT 5461 MT= 58 (n,n') Level Cross Section 54-Xe-136
 -20.22 To 9999. %



MAT 5461

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

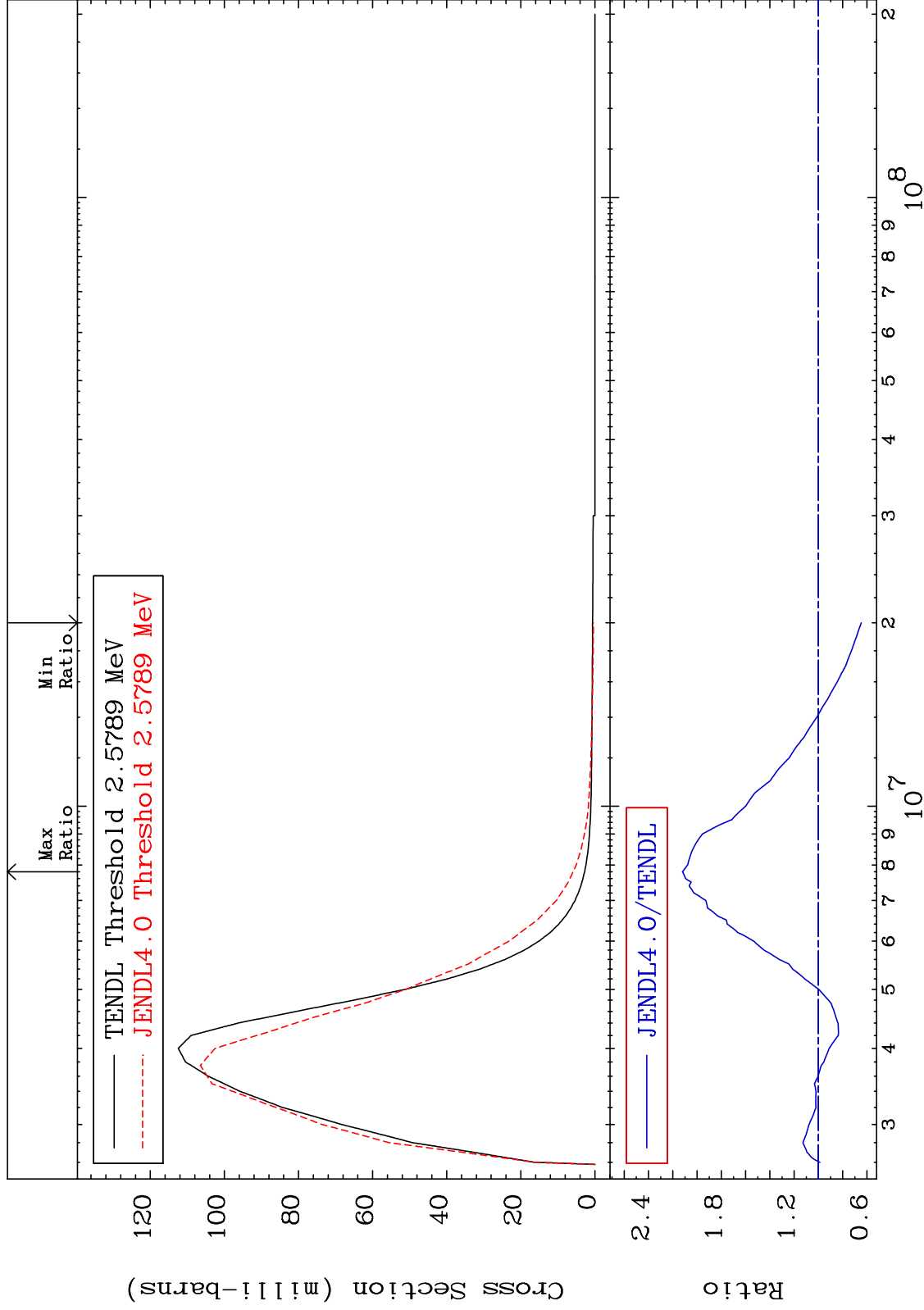
54-Xe-136
-35.29 To 111.8 %



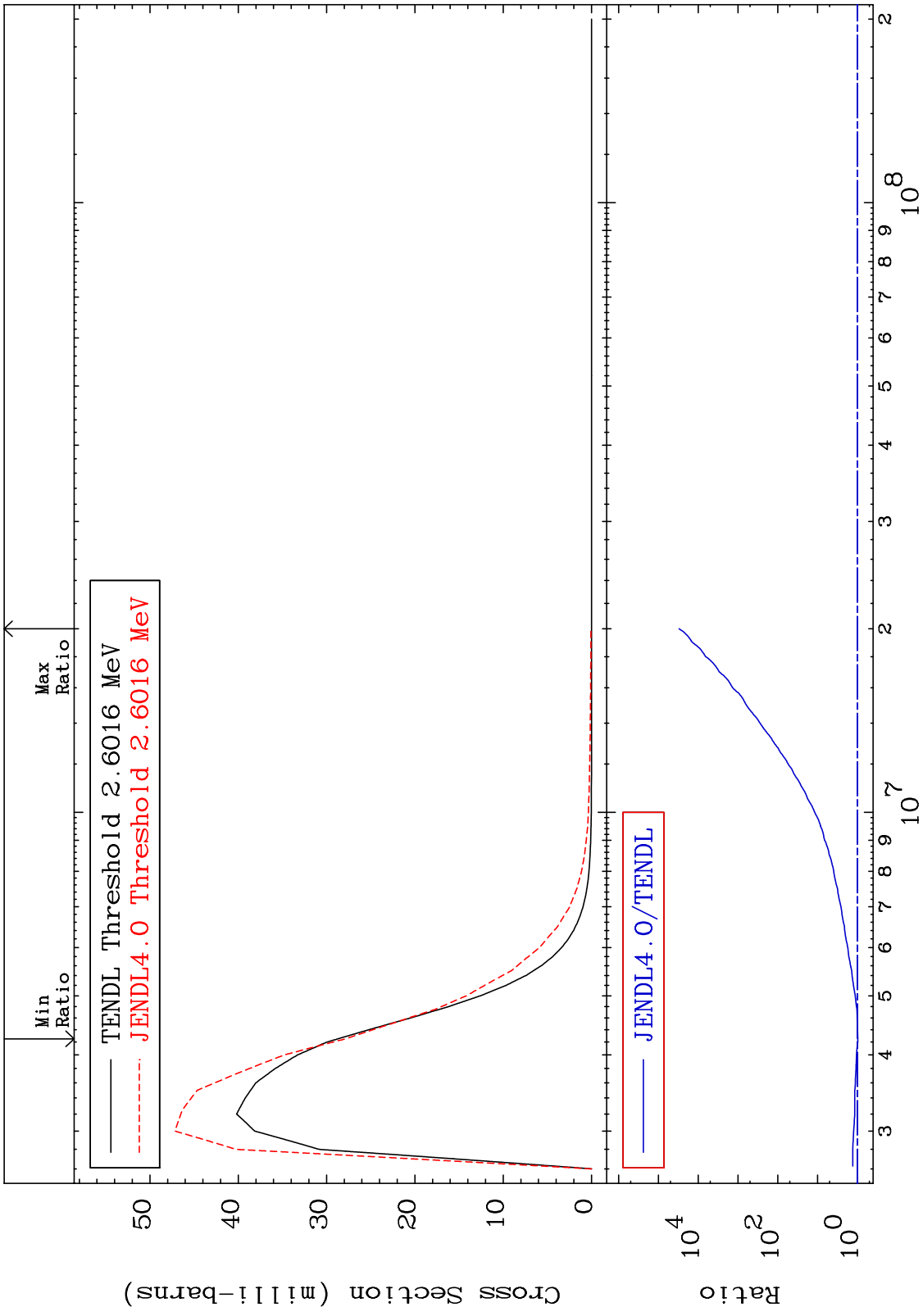
MAT 5461

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

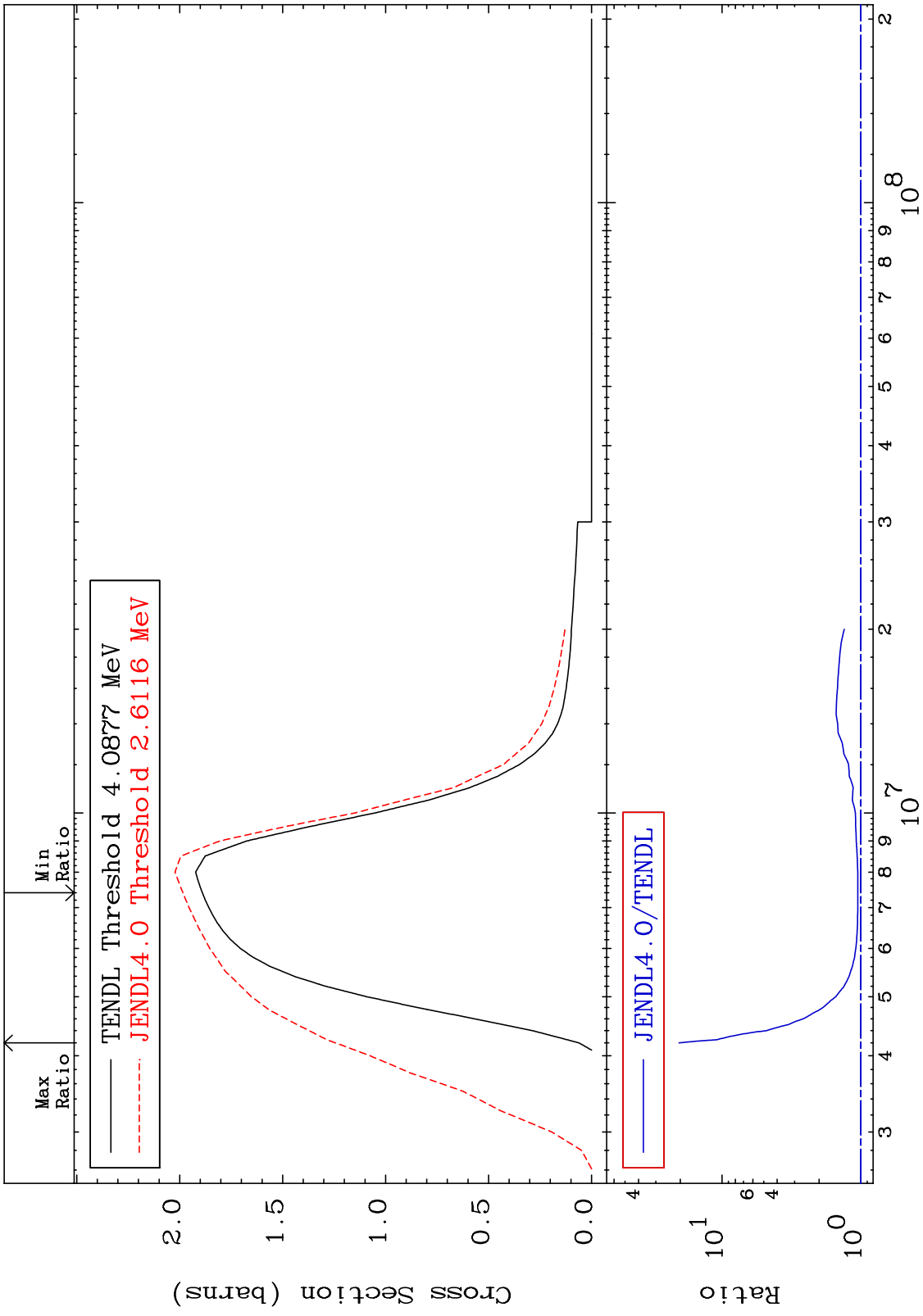
54-Xe-136
-35.28 To 112.0 %



MAT 5461 MT= 61 (n,n') Level Cross Section 54-Xe-136
 -3.052 To 9999. %



MAT 5461 (n,n') Continuum Cross Section 54-Xe-136 4.992 To 1939. %

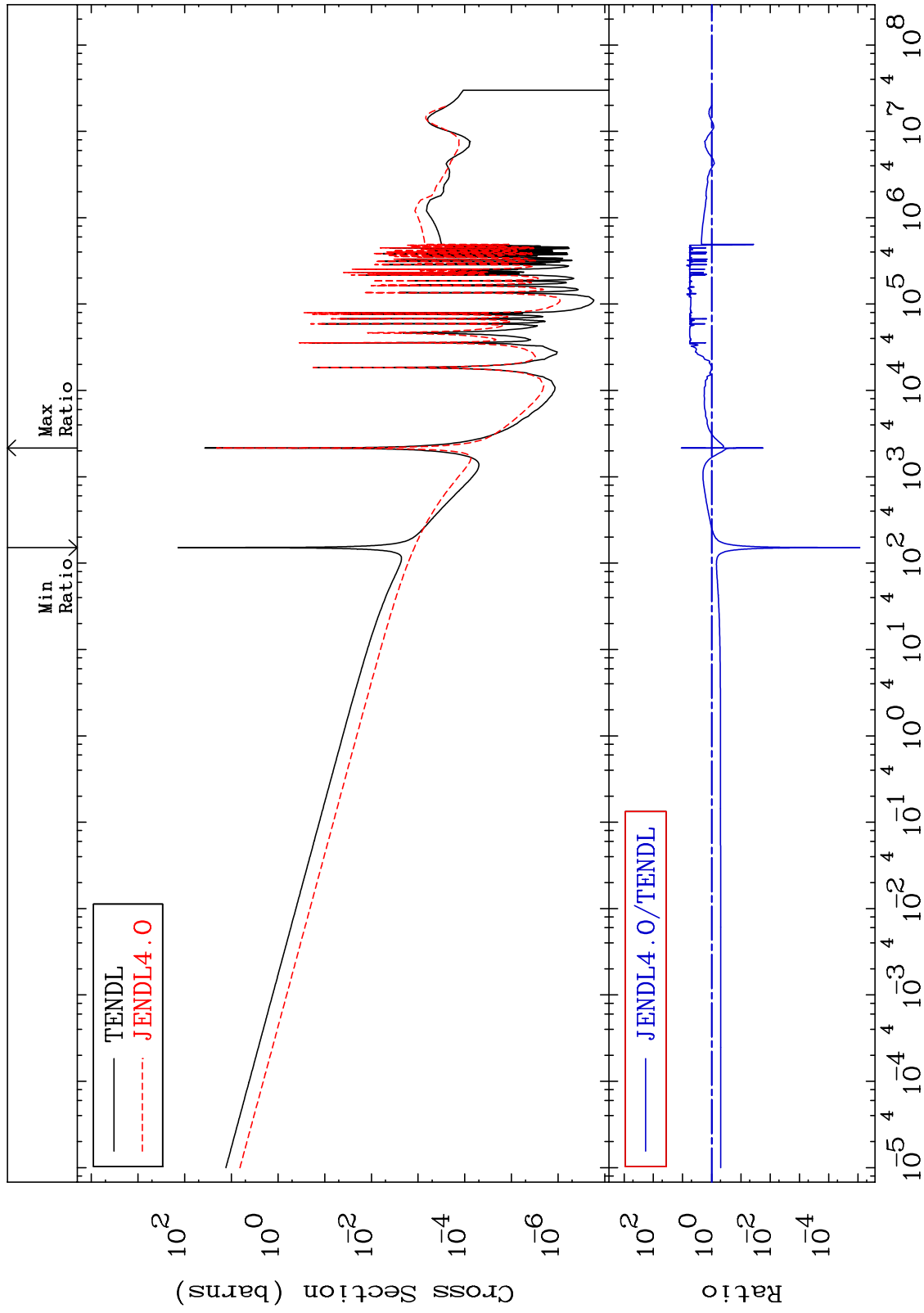


MAT 5461

(n, γ)
Cross Section

54-Xe-136

-100.0 To 1009. %



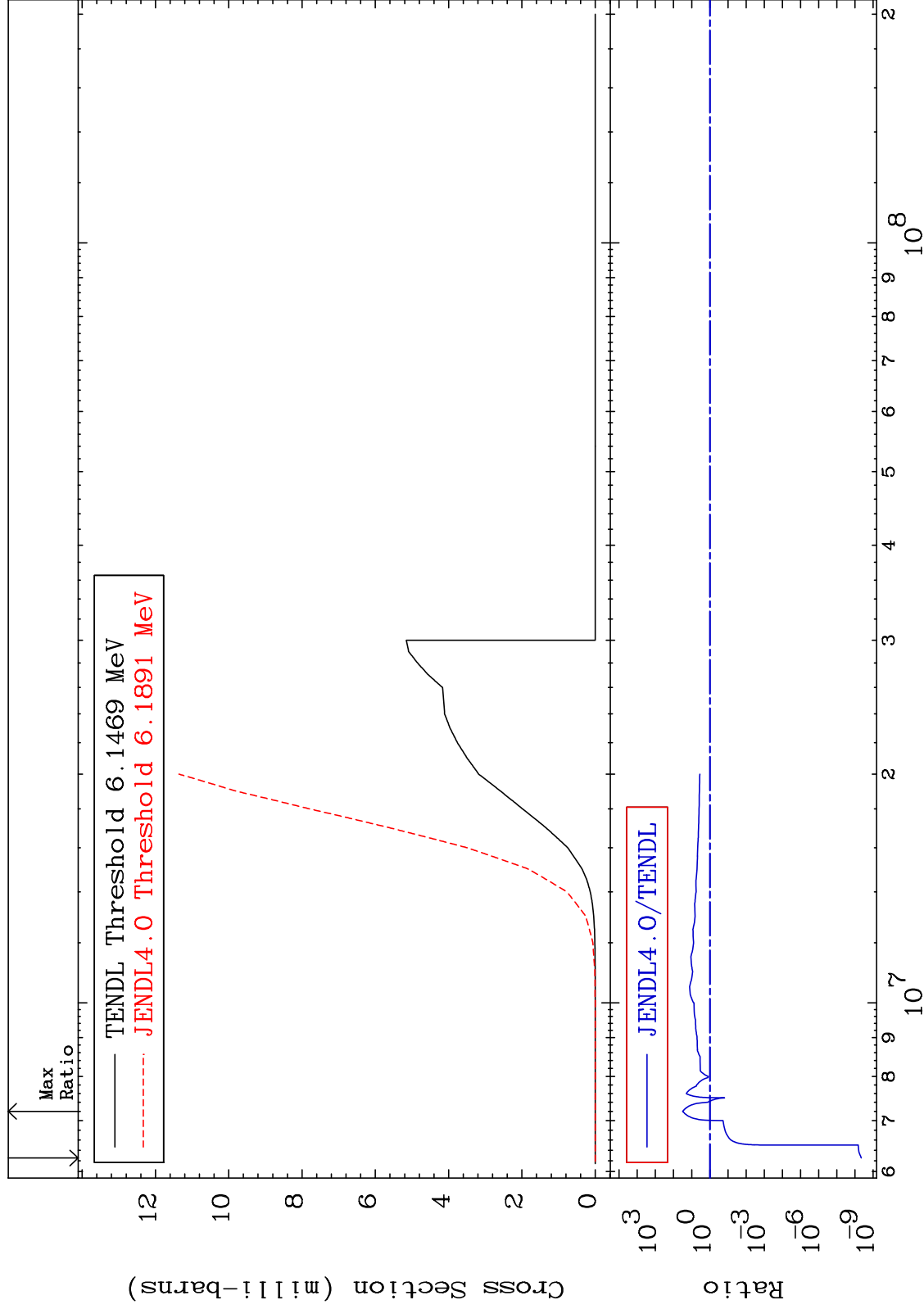
MAT 5461

(n,p)

54-Xe-136

Cross Section

-100.0 To 3035. %



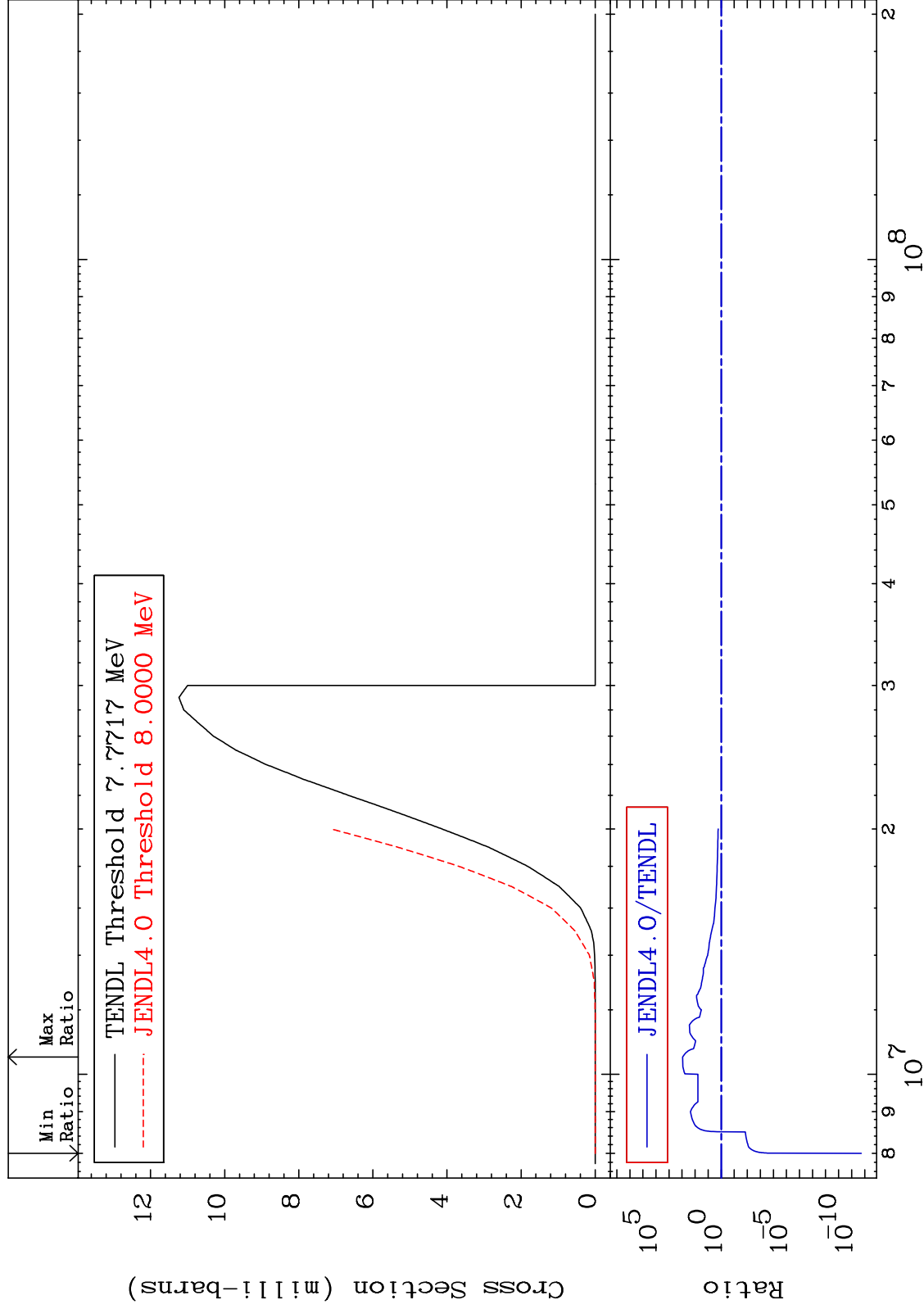
MAT 5461

(n,d)

54-Xe-136

Cross Section

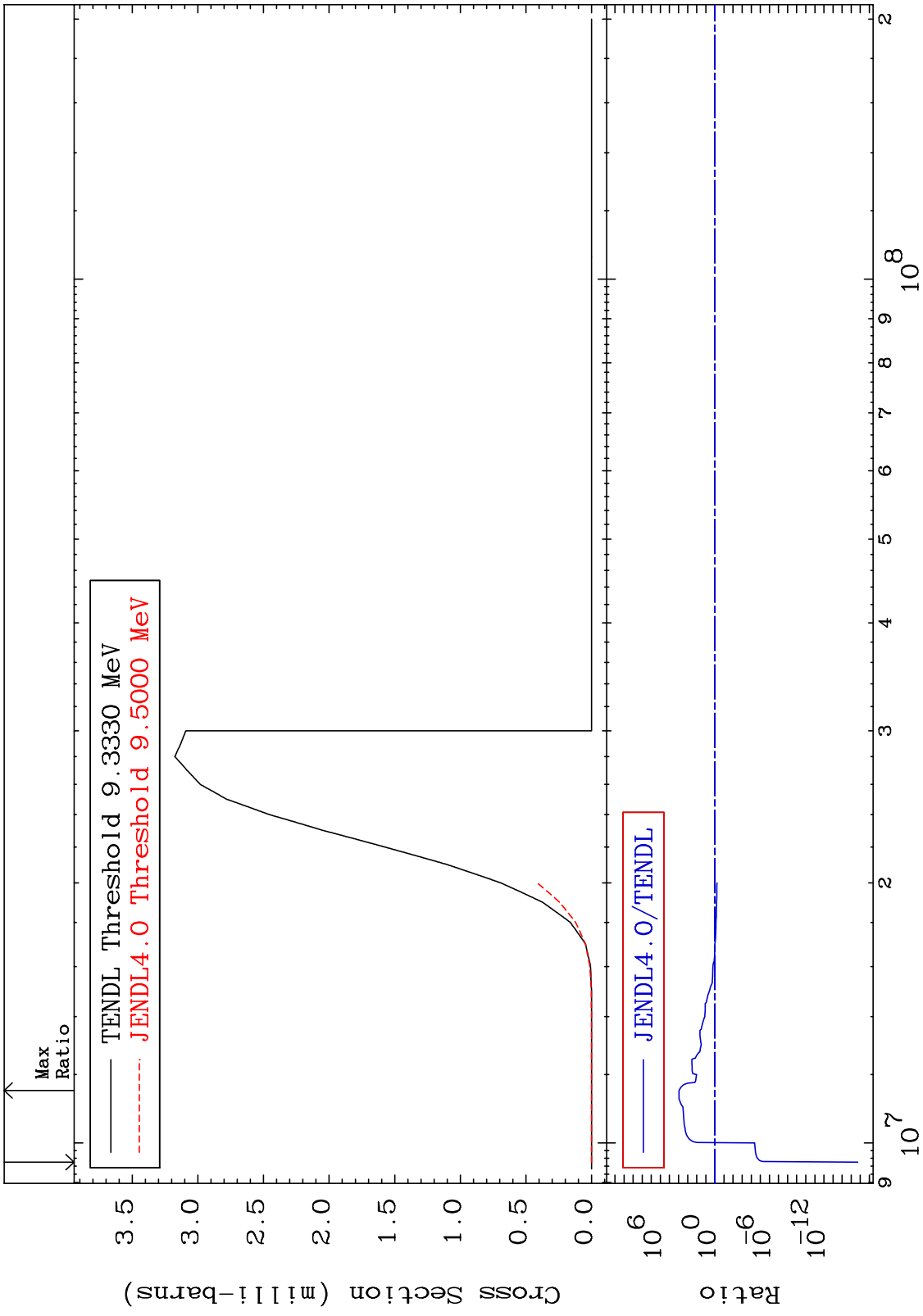
-100.0 To 9999. %



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Incident Energy (eV)

54-Xe-136



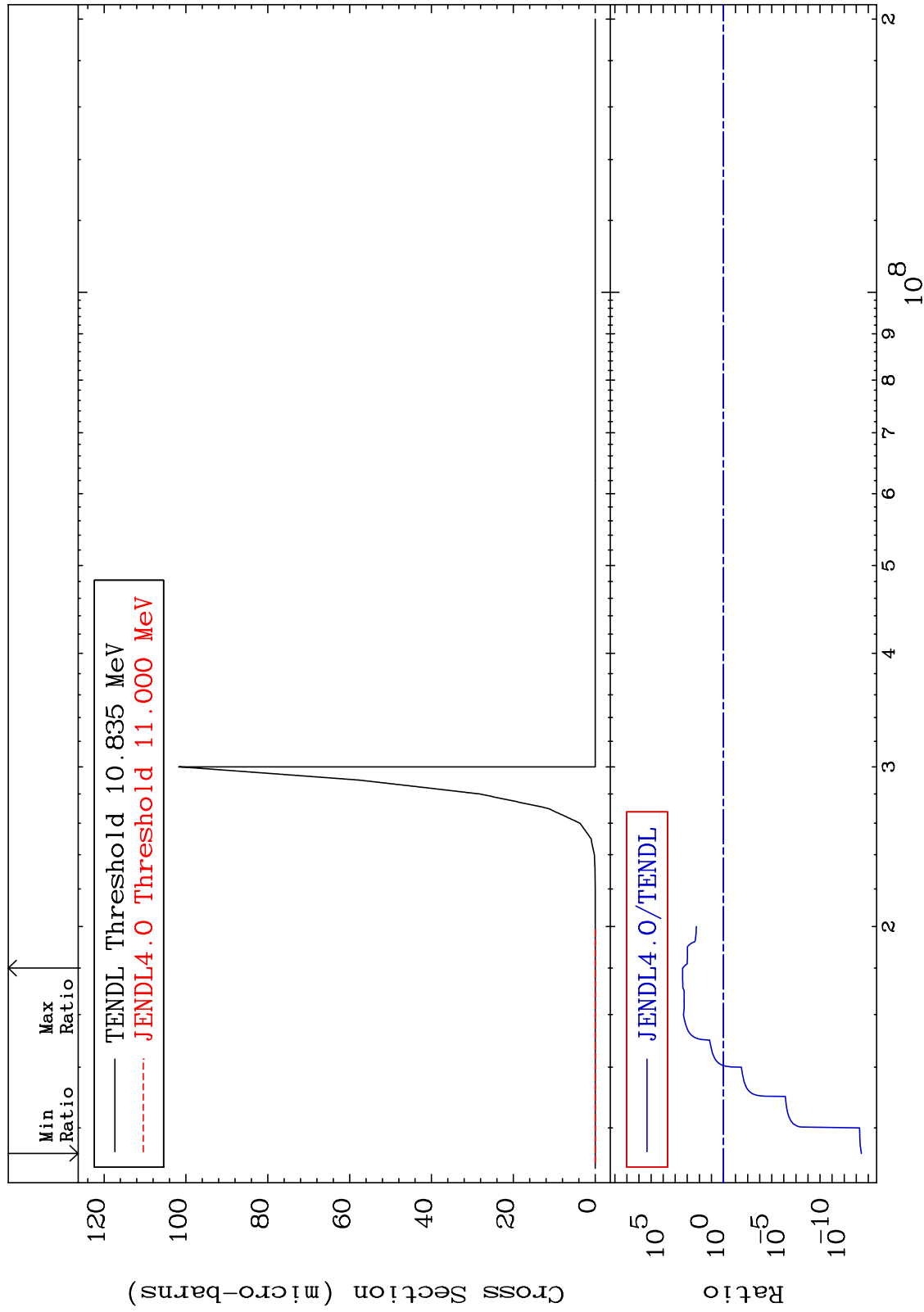
MAT 5461

(n, He-3)

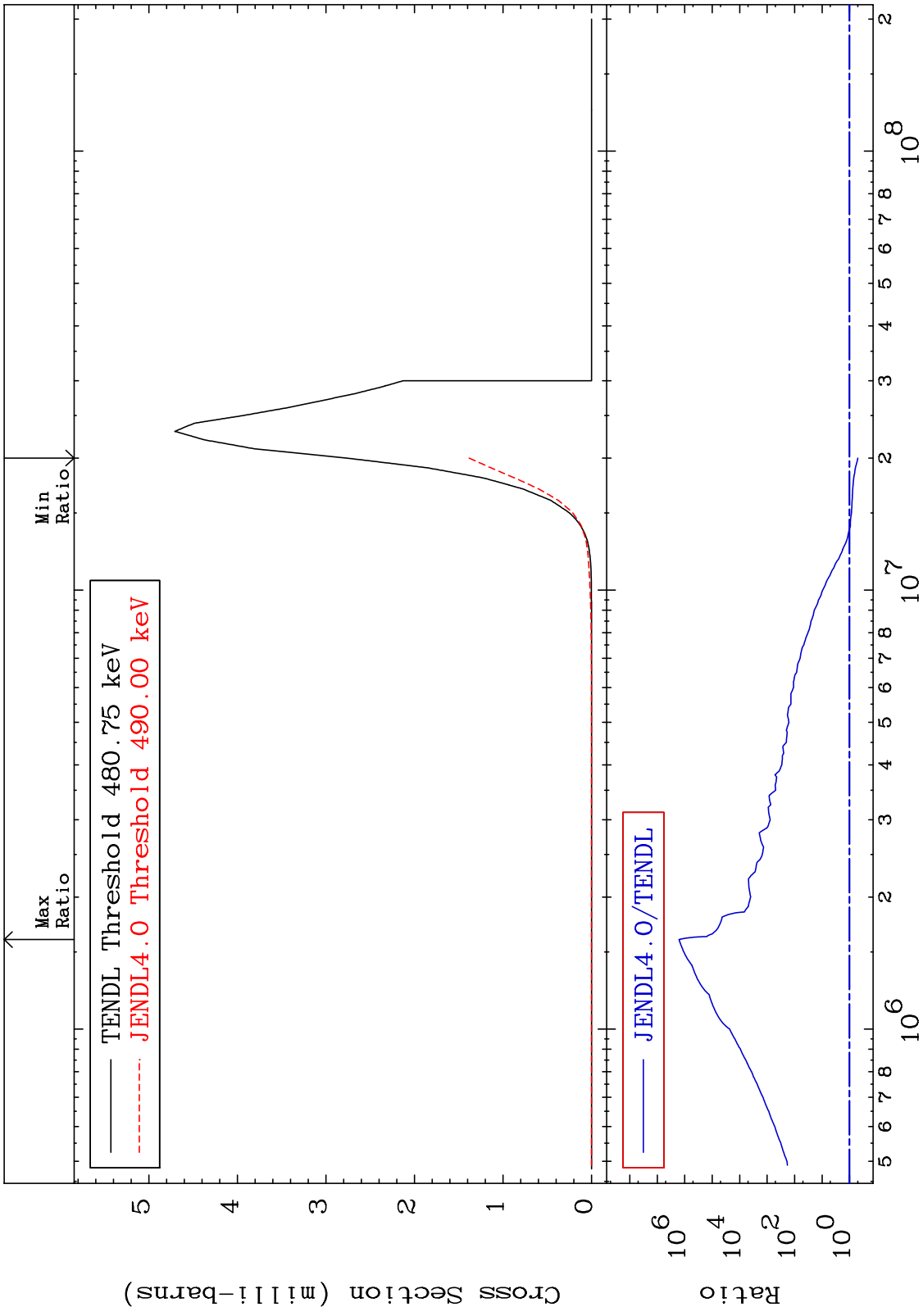
54-Xe-136

Cross Section

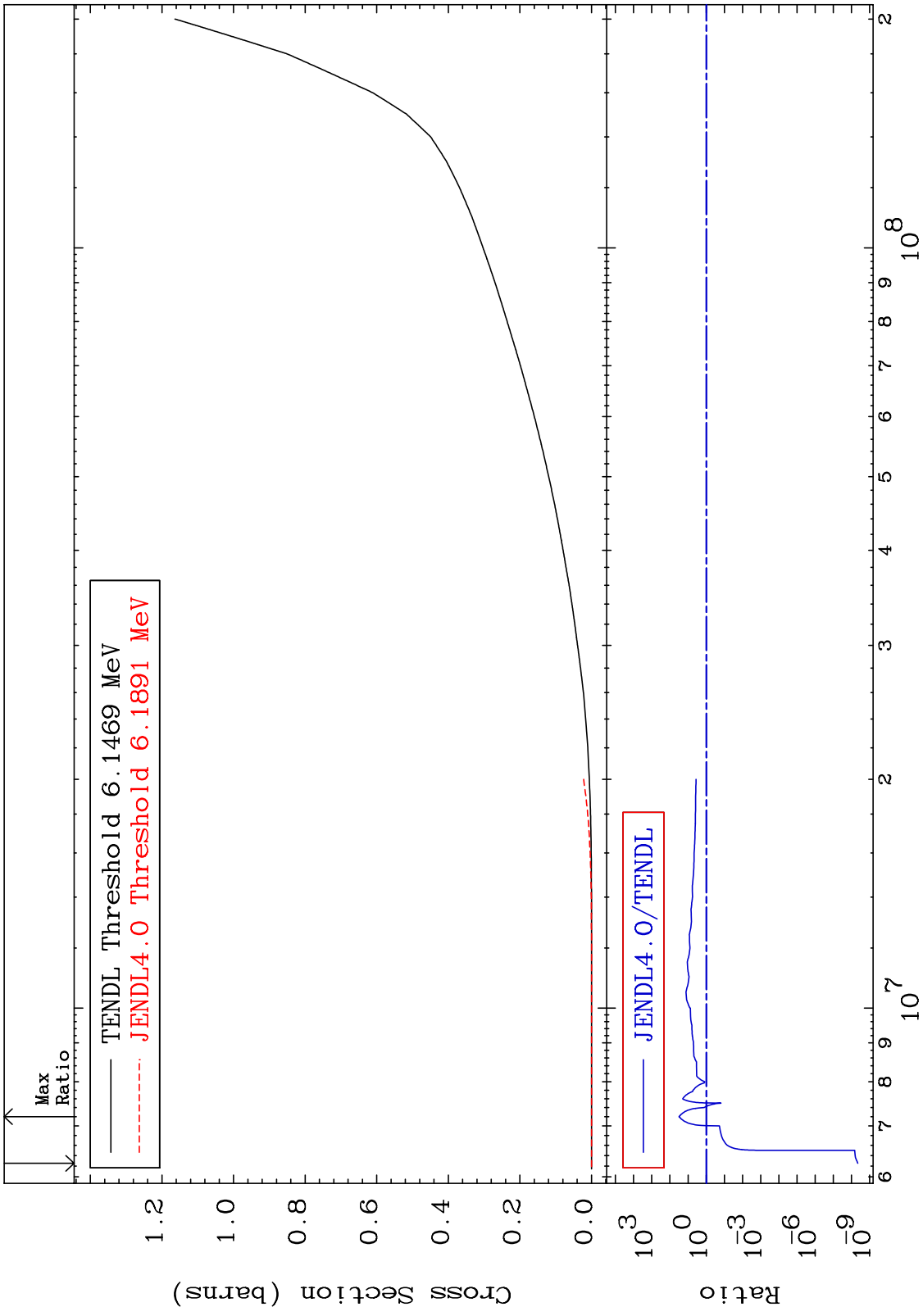
-100.0 To 9999. %



MAT 5461 (n, α) 54-Xe-136
Cross Section -50.07 To 9999. %



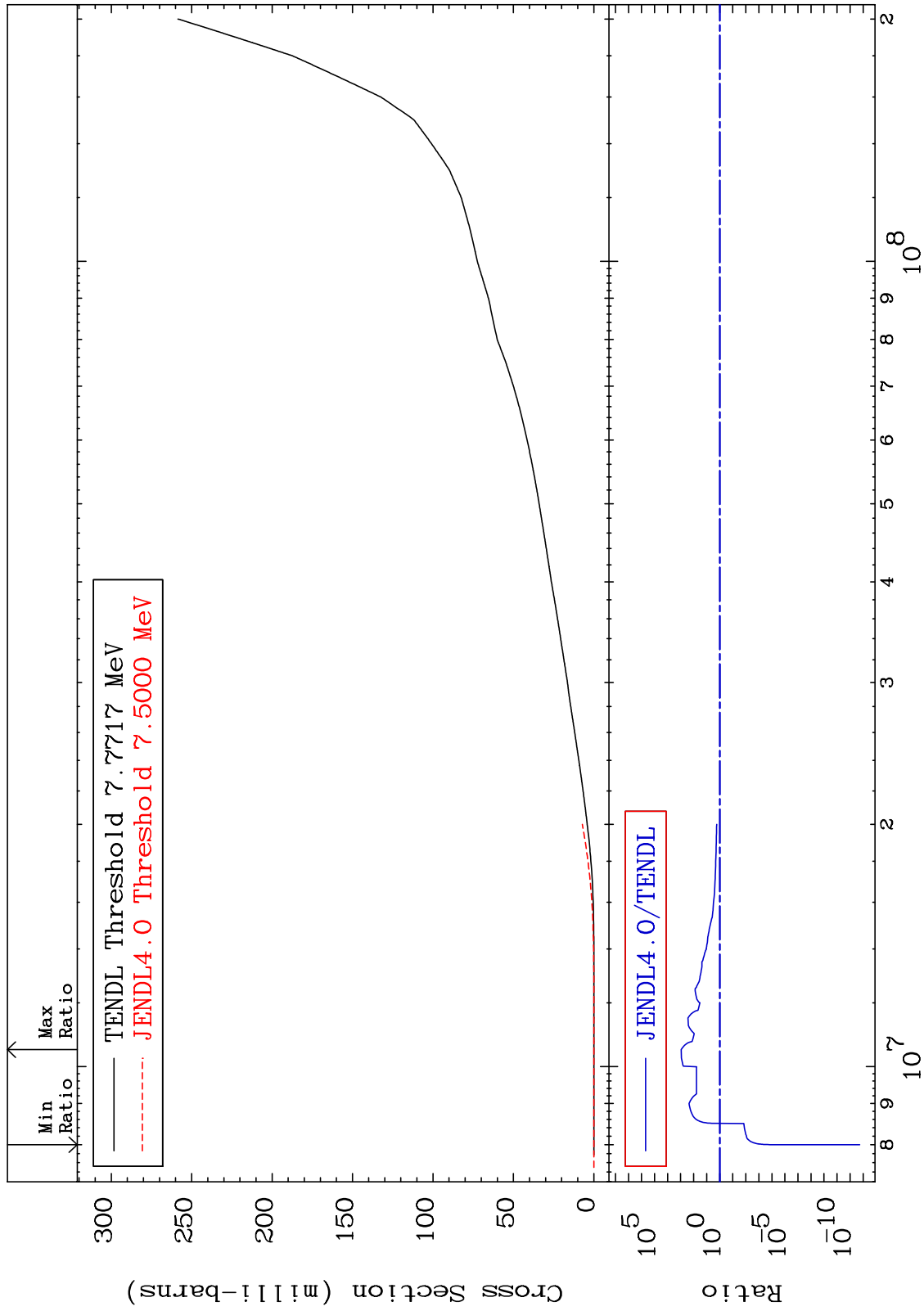
MAT 5461 Hydrogen Production Cross Section 54-Xe-136 -100.0 To 3035. %



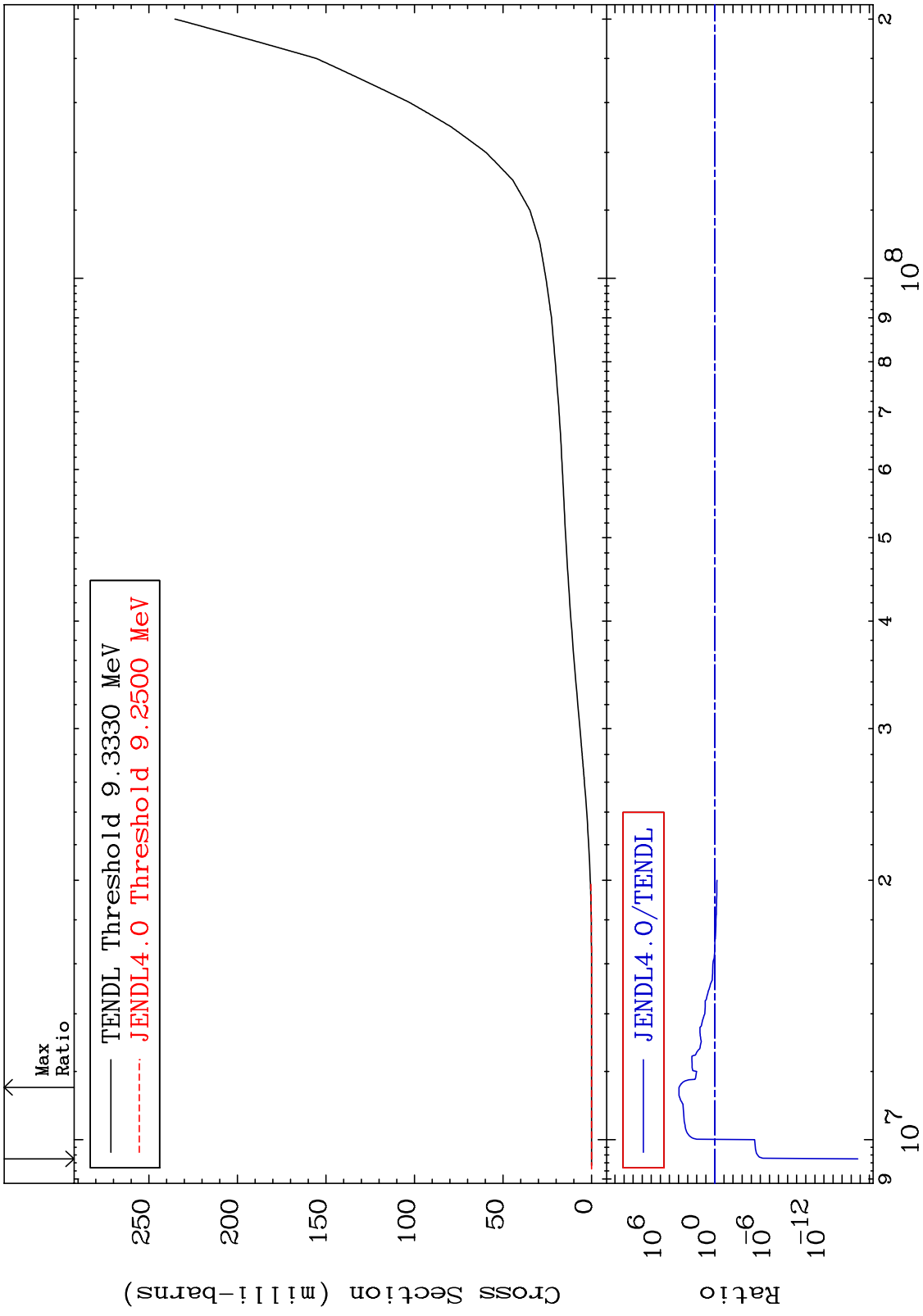
MAT 5461

Deuterium Production
Cross Section

54-Xe-136
-100.0 To 9999. %



MAT 5461 Tritium Production Cross Section 54-Xe-136 -100.0 To 9999. %

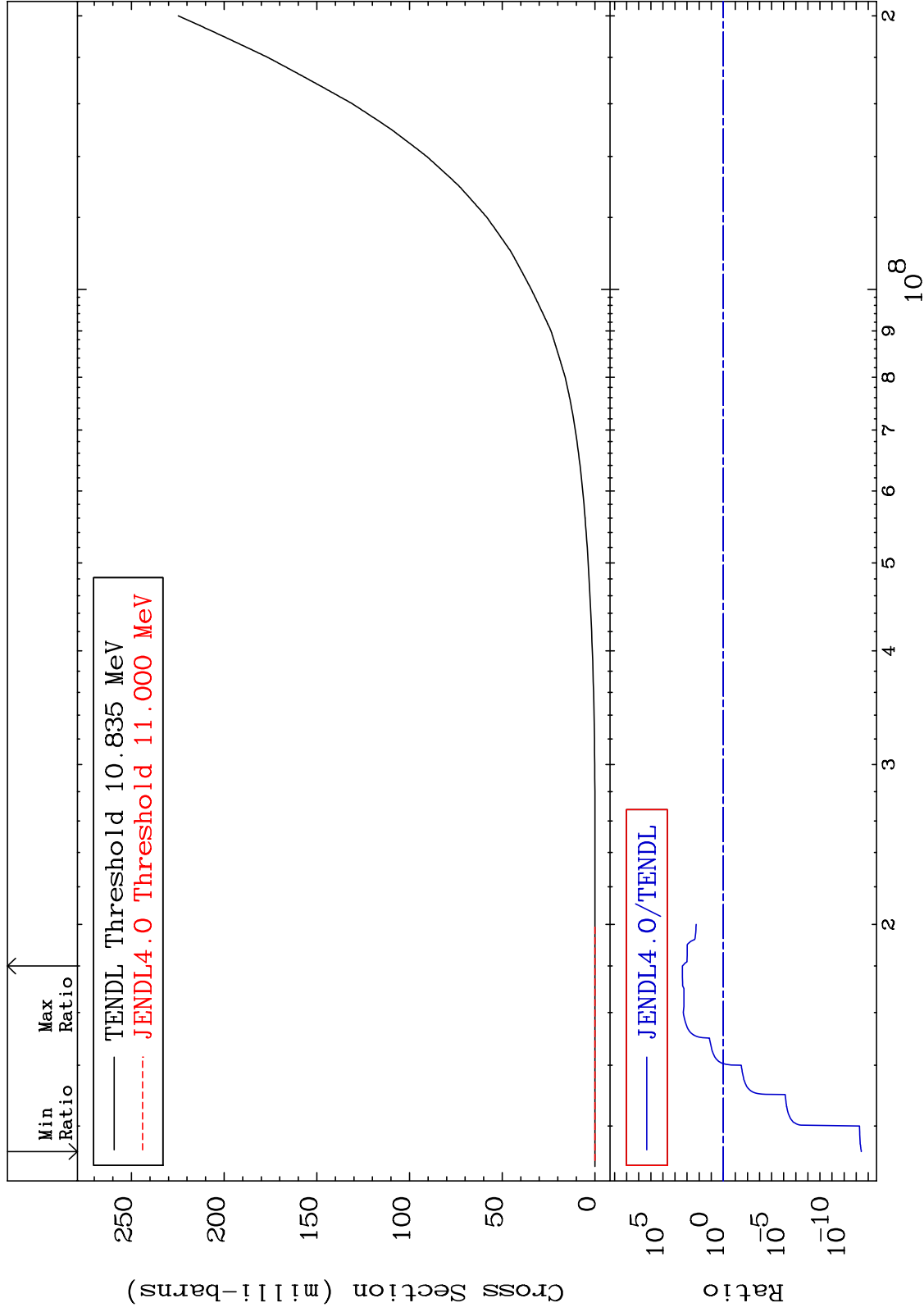


29 54-Xe-136 Incident Energy (eV)

MAT 5461

He-3 Production
Cross Section

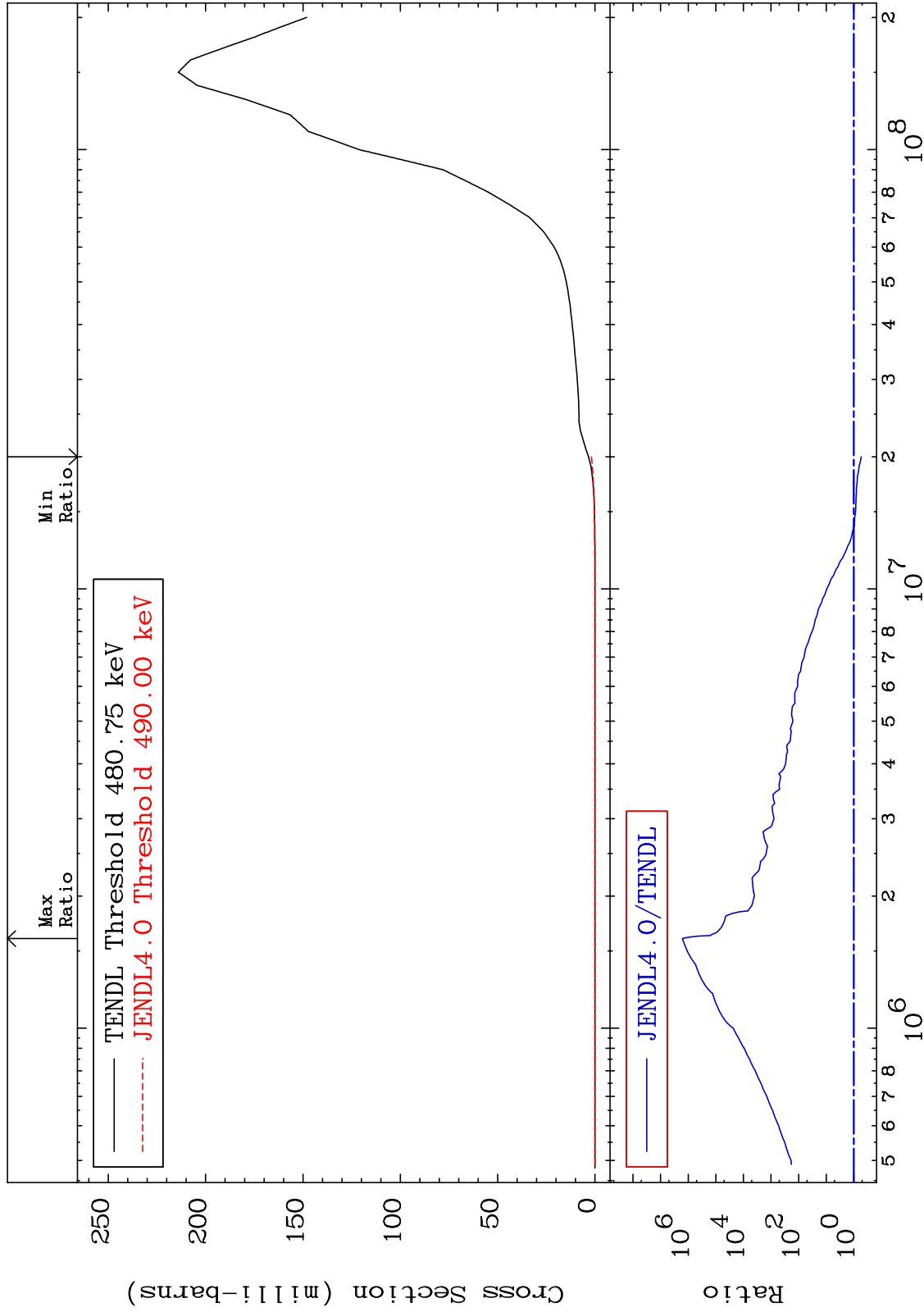
54-Xe-136
-100.0 To 9999. %



MAT 5461

He-4 Production
Cross Section

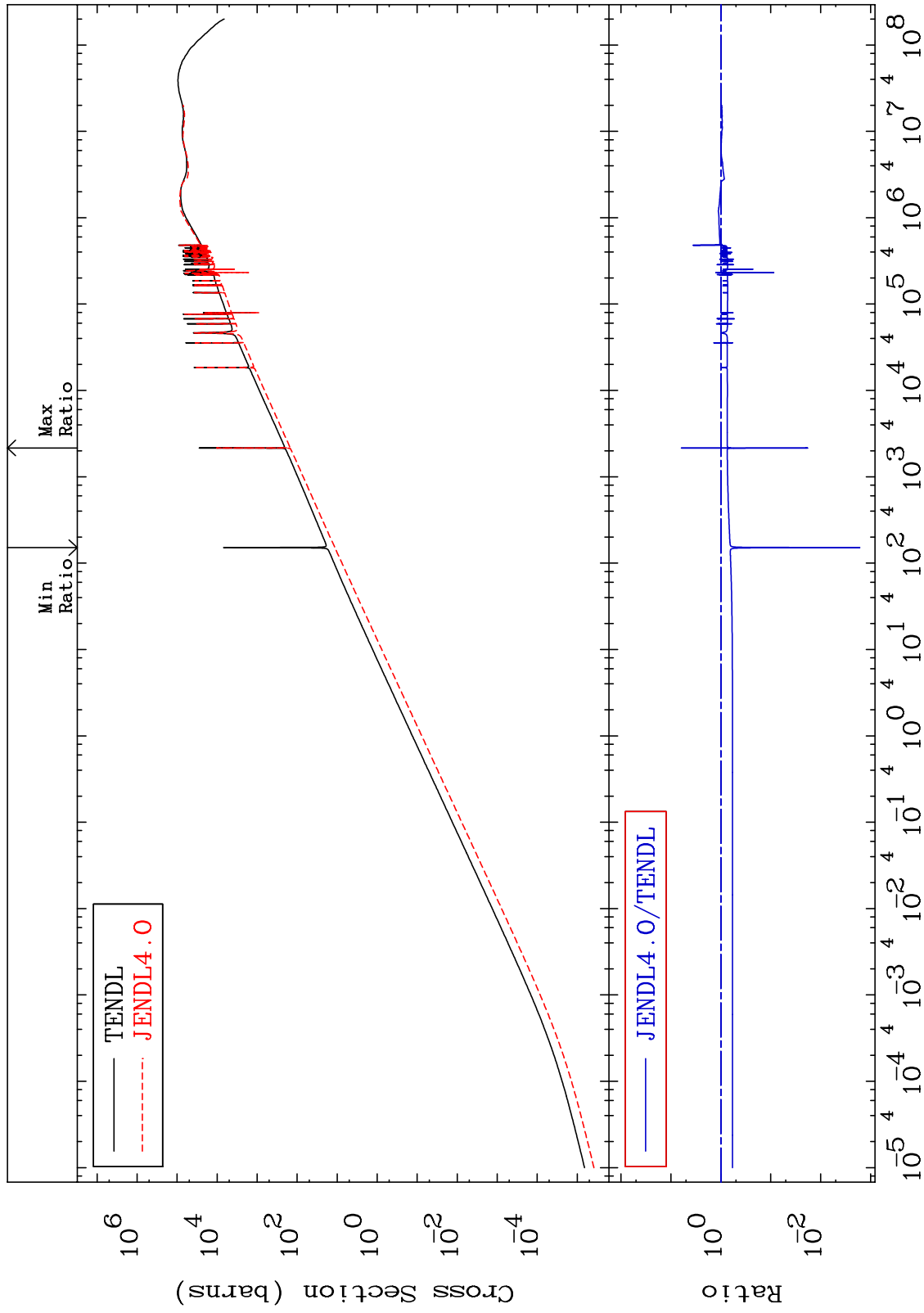
54-Xe-136
-46.41 To 9999. %



MAT 5461

Kerma elastic
Cross Section

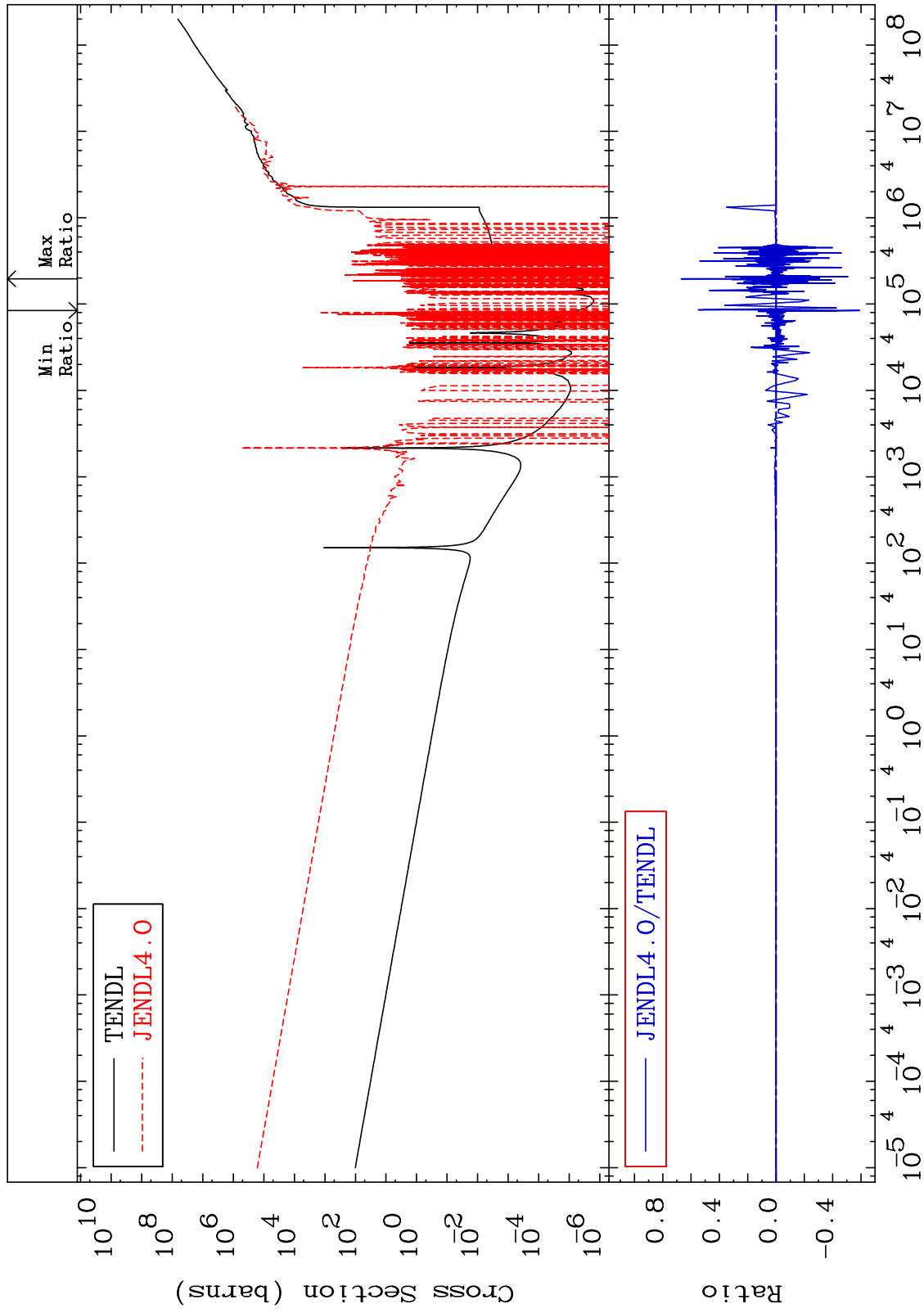
54-Xe-136
-99.83 To 520.8 %

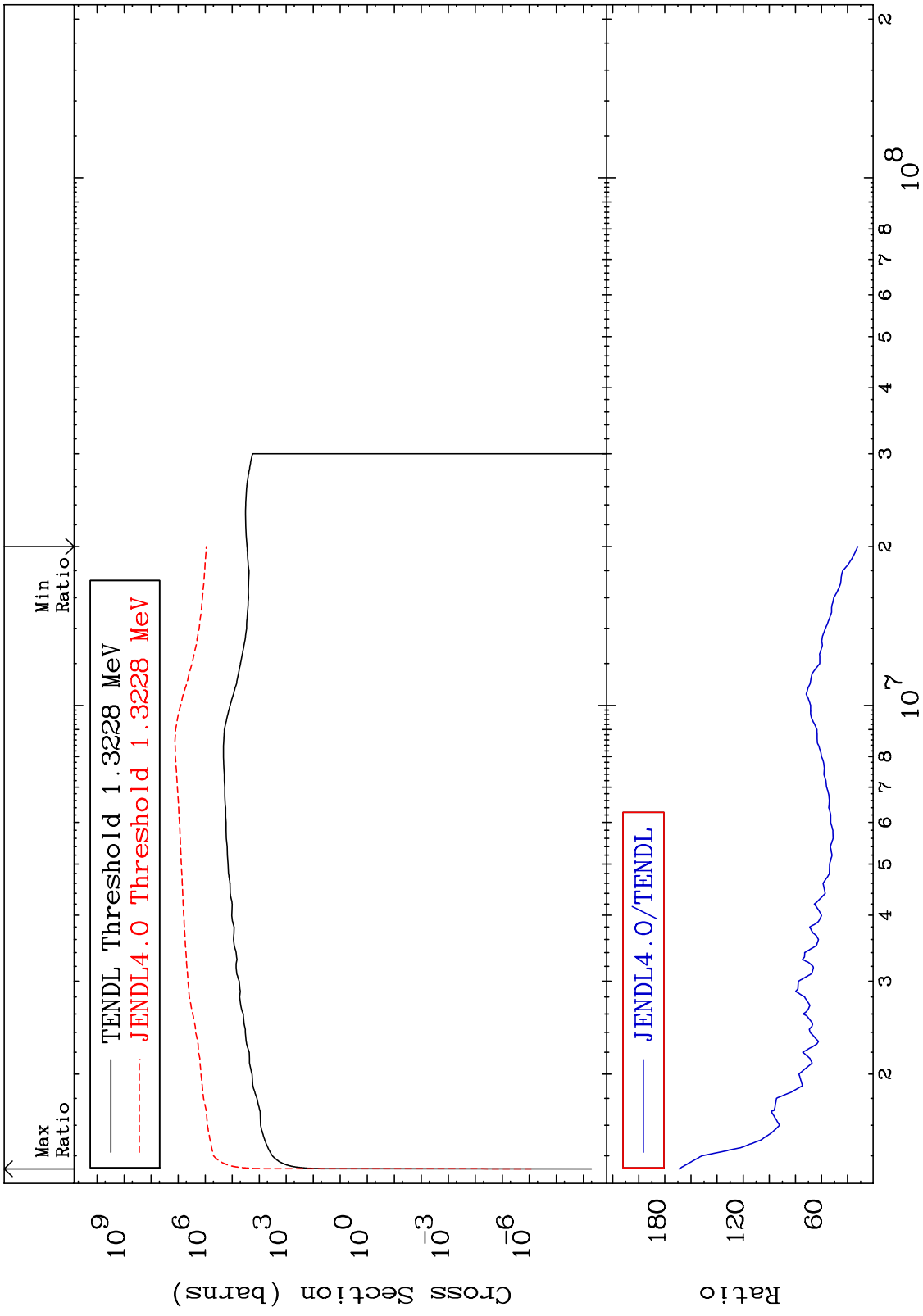


MAT 5461

Kerma non-elastic (all but mt2)
Cross Section

54-Xe-136
-9999. To 9999. %

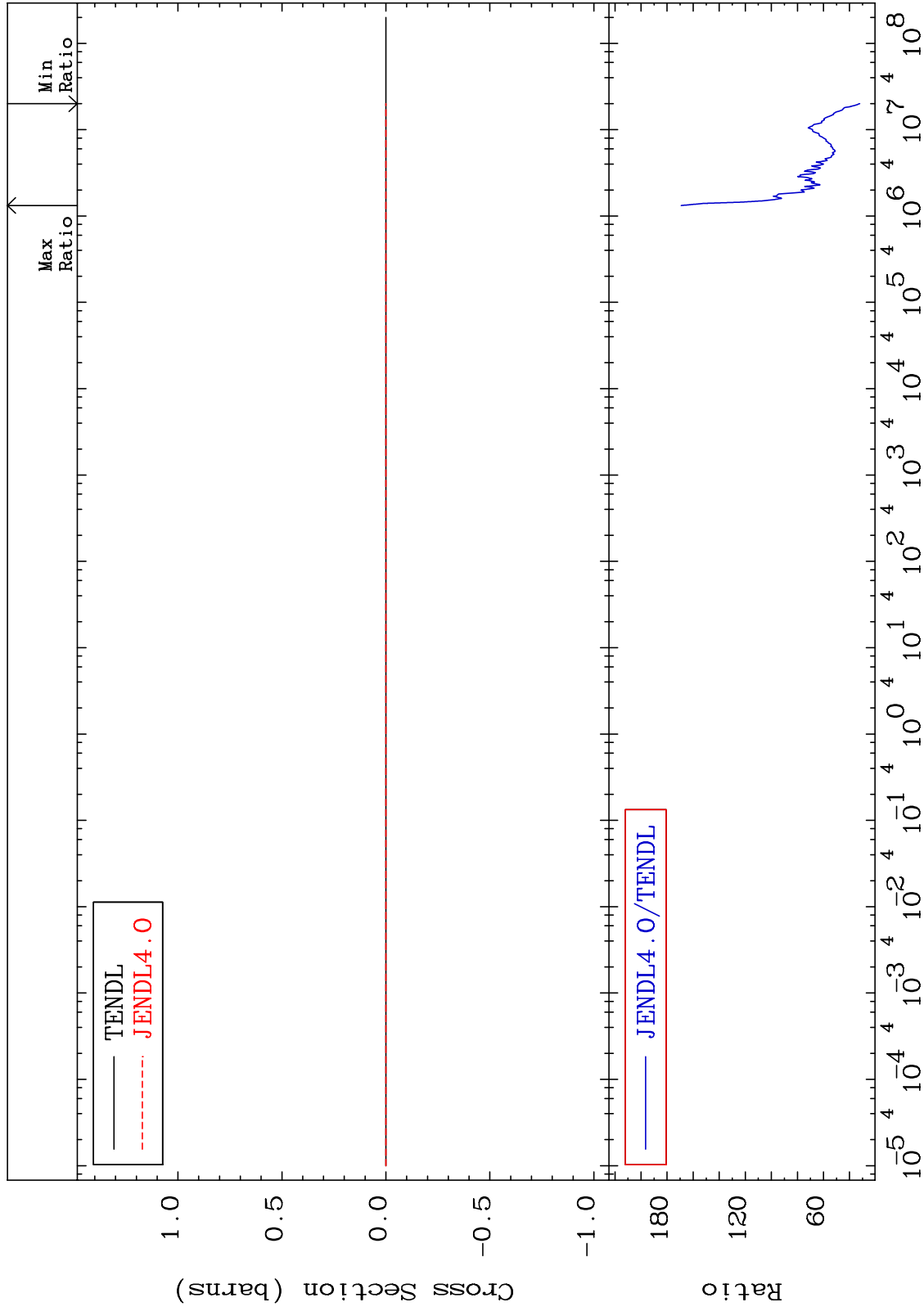




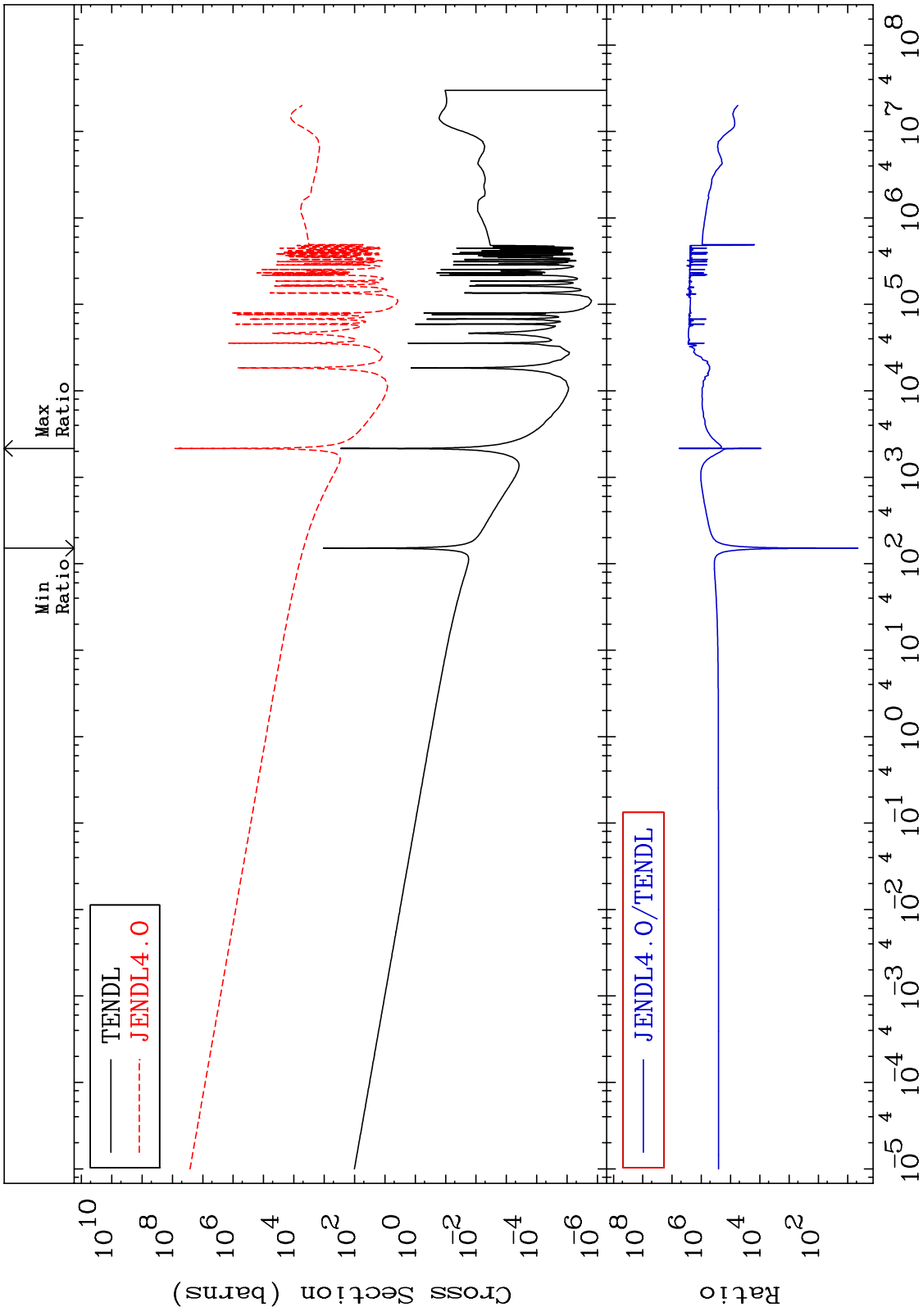
MAT 5461

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

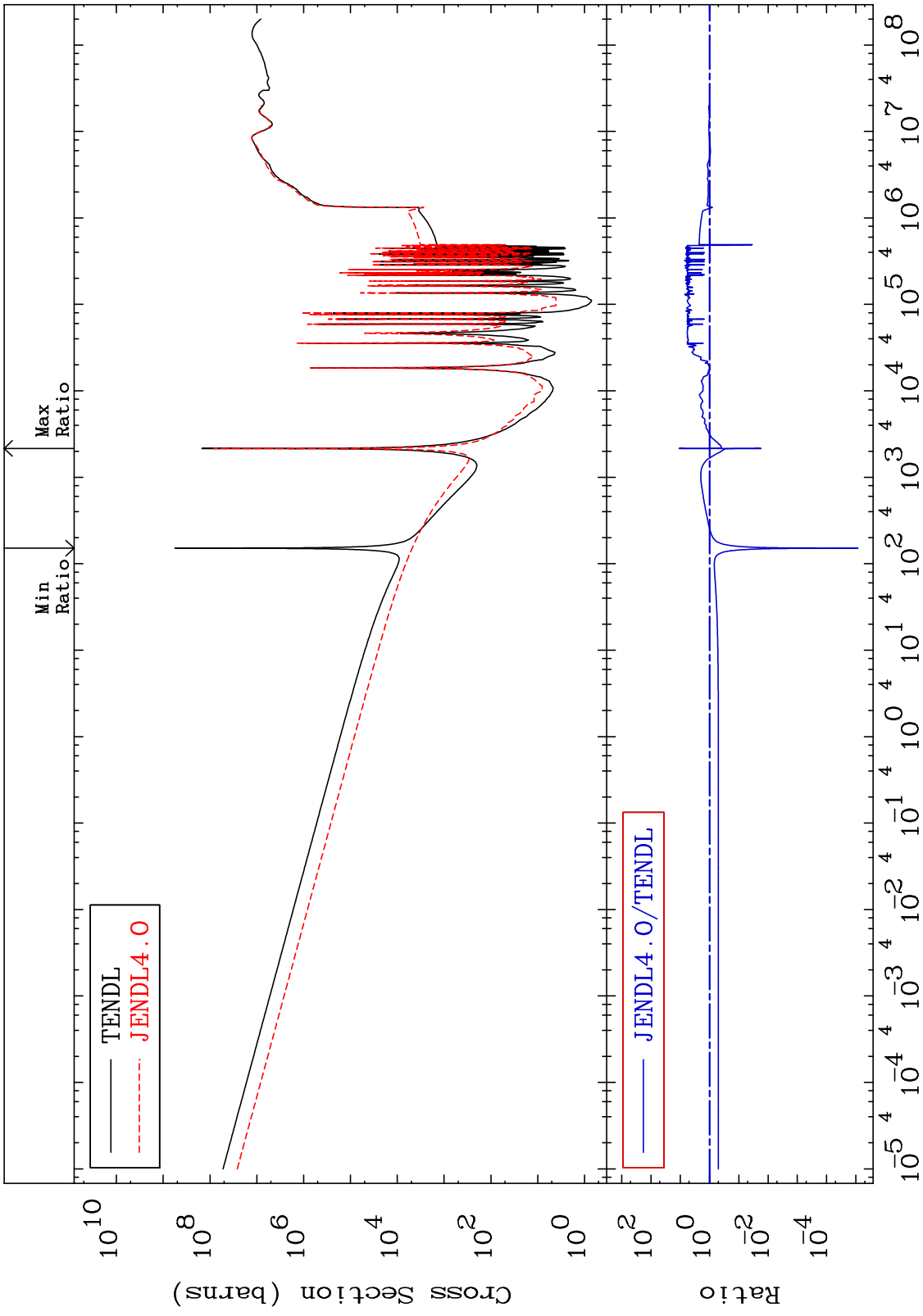
54-Xe-136
3116. To 9999. %



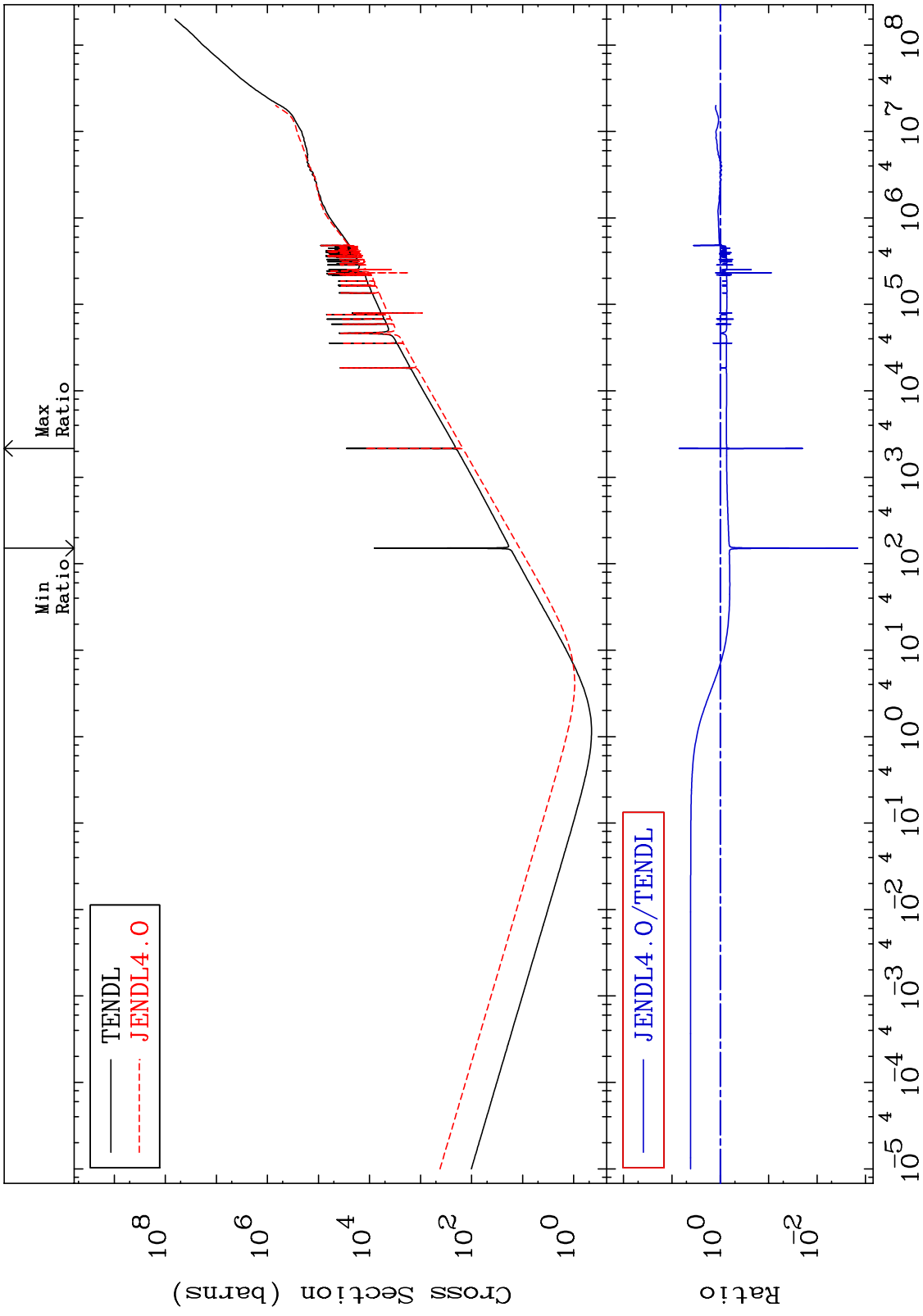
MAT 5461 Kerma capture (mt102) 54-Xe-136 348.2 To 9999. %
 Cross Section



MAT 5461 54-Xe-136
 Total photon (eV-barns) -100.0 To 1001. %
 Cross Section



MAT 5461 Total kinematic kerma (high limit) 54-Xe-136
 Cross Section -99.86 To 611.9 %

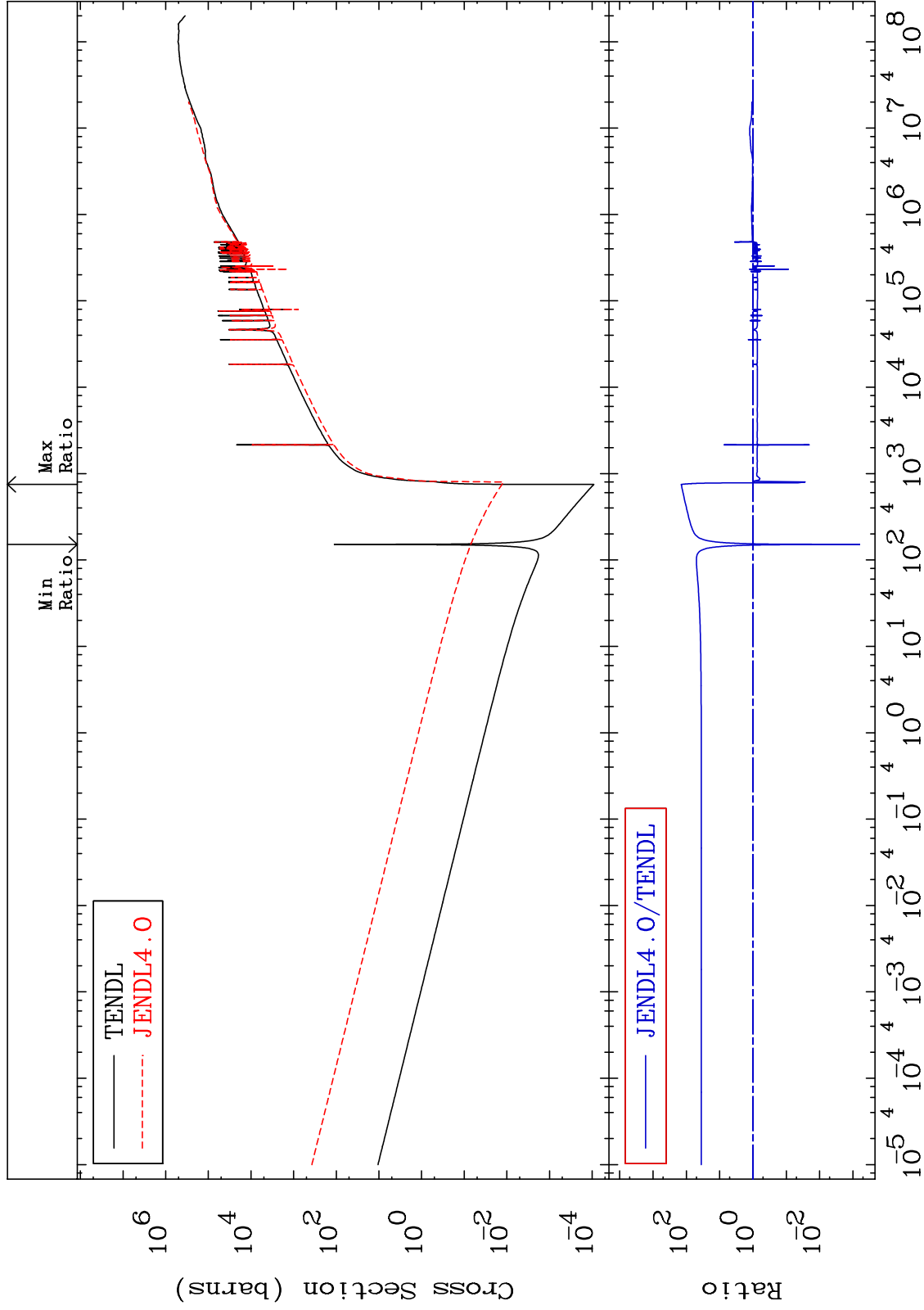


39 Incident Energy (eV) 54-Xe-136

MAT 5461

Dpa total (eV-barns)
Cross Section

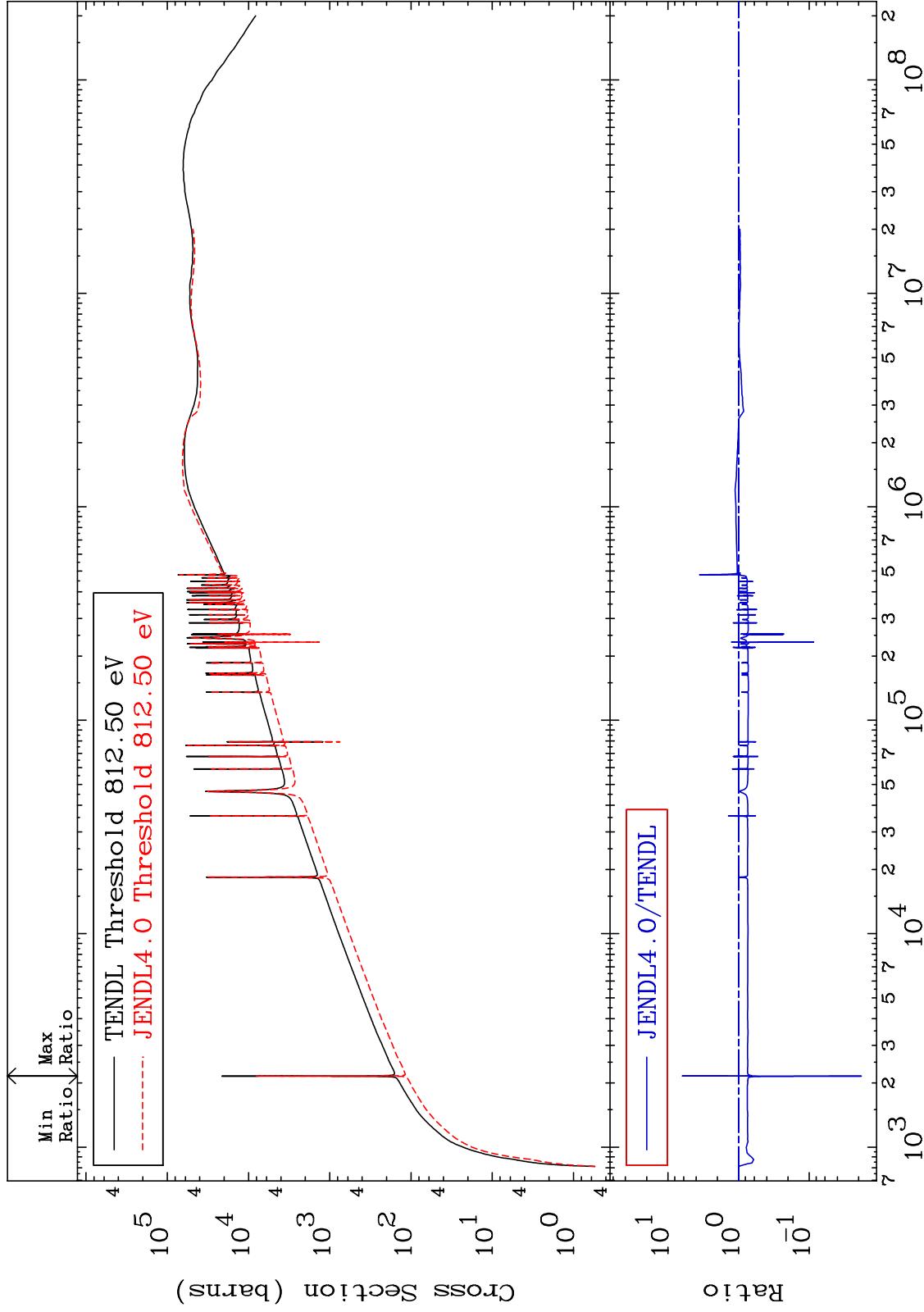
54-Xe-136
-99.94 To 9999. %



MAT 5461

Dpa elastic (mt2)
Cross Section

54-Xe-136
-98.16 To 523.5 %



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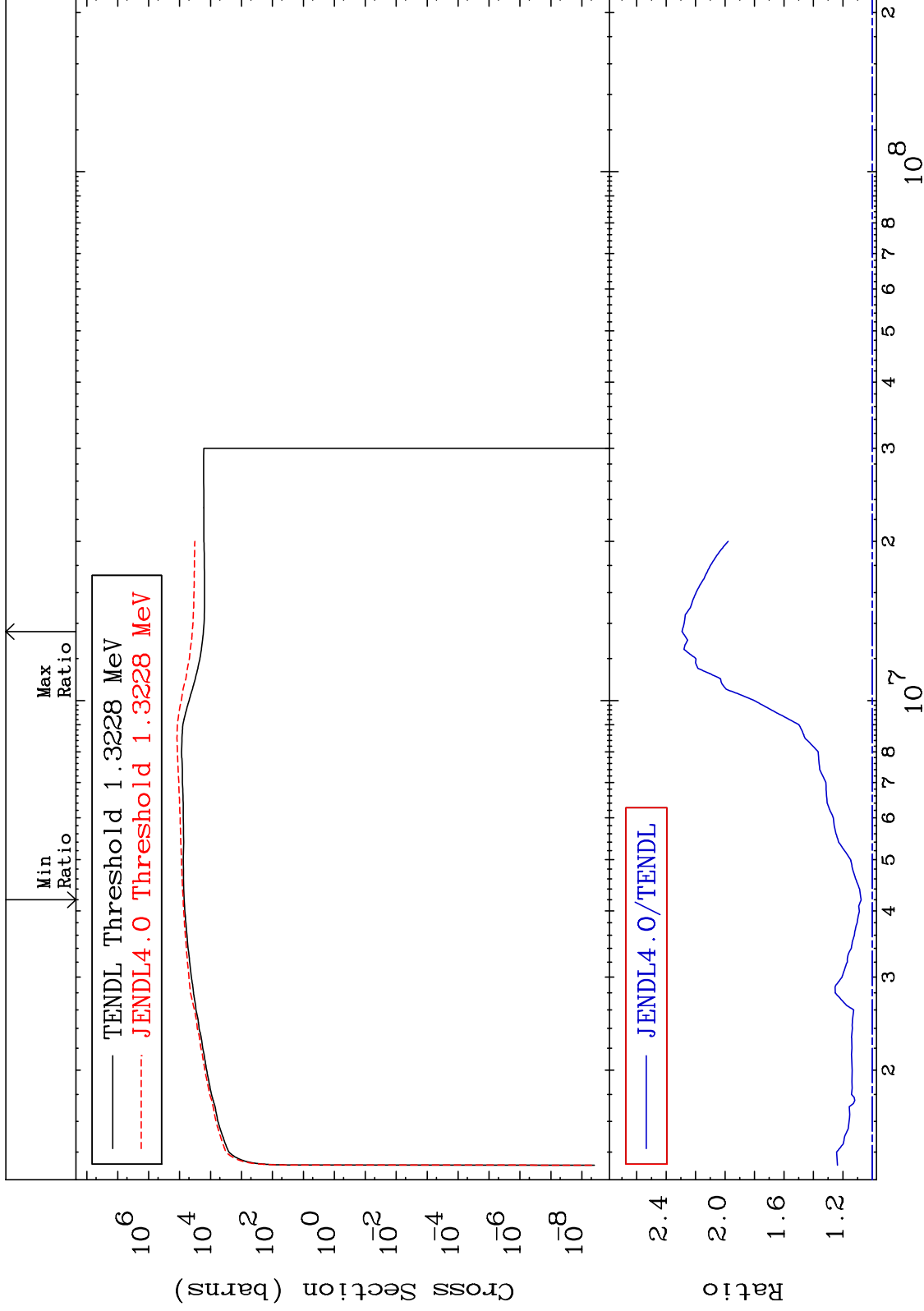
Incident Energy (eV)

54-Xe-136

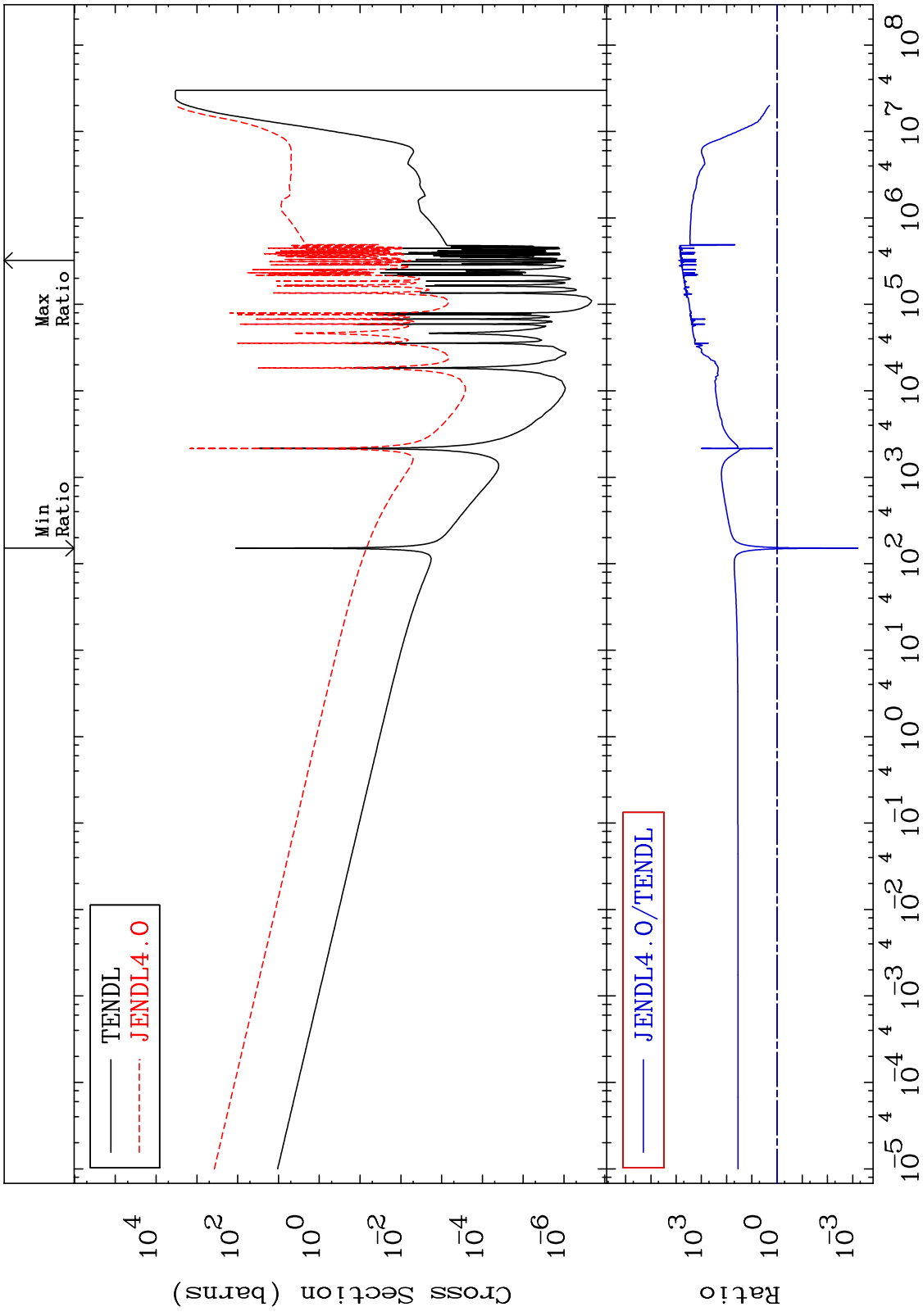
MAT 5461

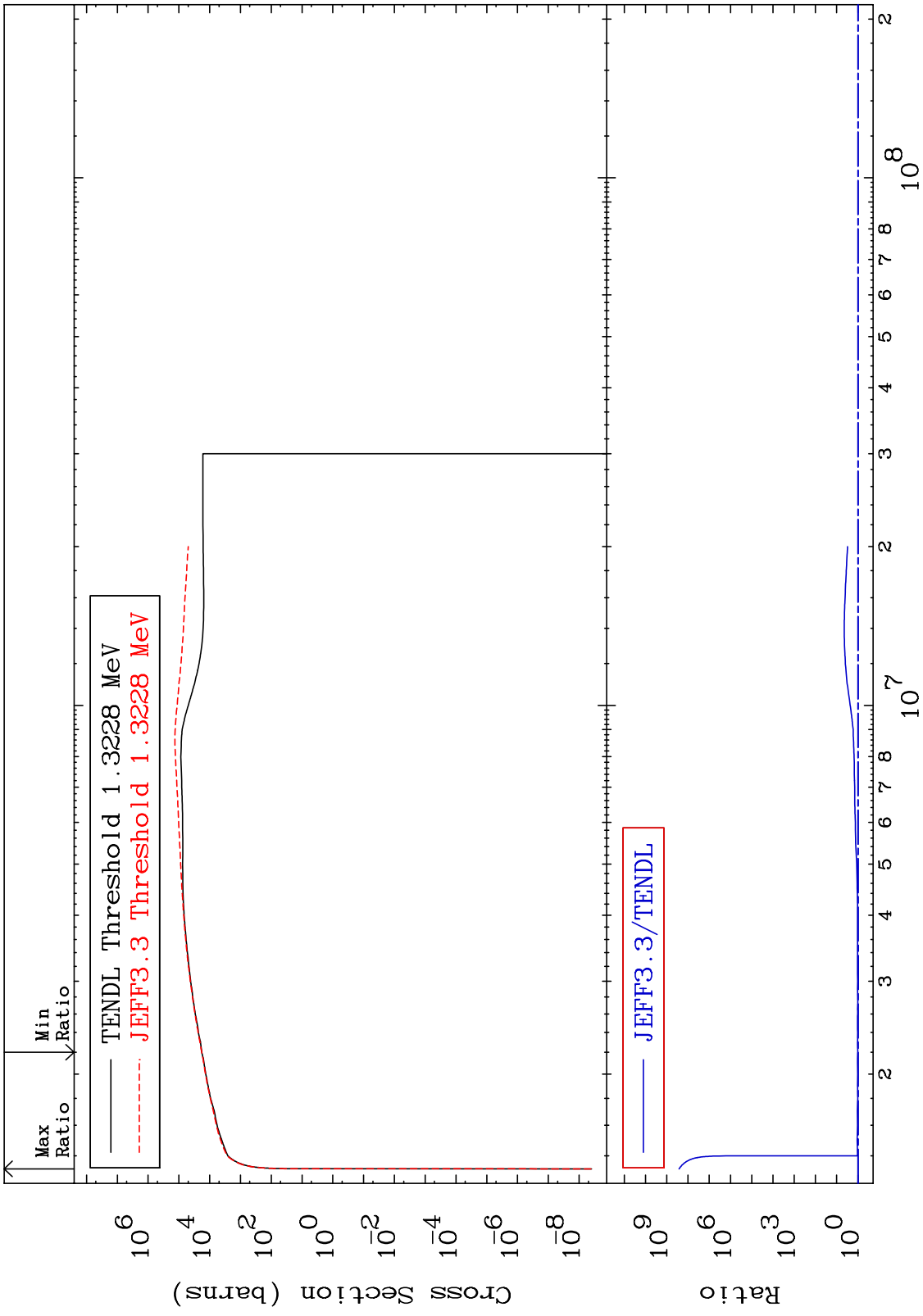
Dpa inelastic (mt51-91)
Cross Section

54-Xe-136
7.567 To 129.2 %



MAT 5461 Dpa disappearance (mt102 -120) 54-Xe-136
 Cross Section -99.94 To 9999. %





MAT 5461

Dpa disappearance (mt102 -120)
Cross Section

54-Xe-136
-100.0 To 9999. %

