

Program Complot  
(Version 2018-1)

by

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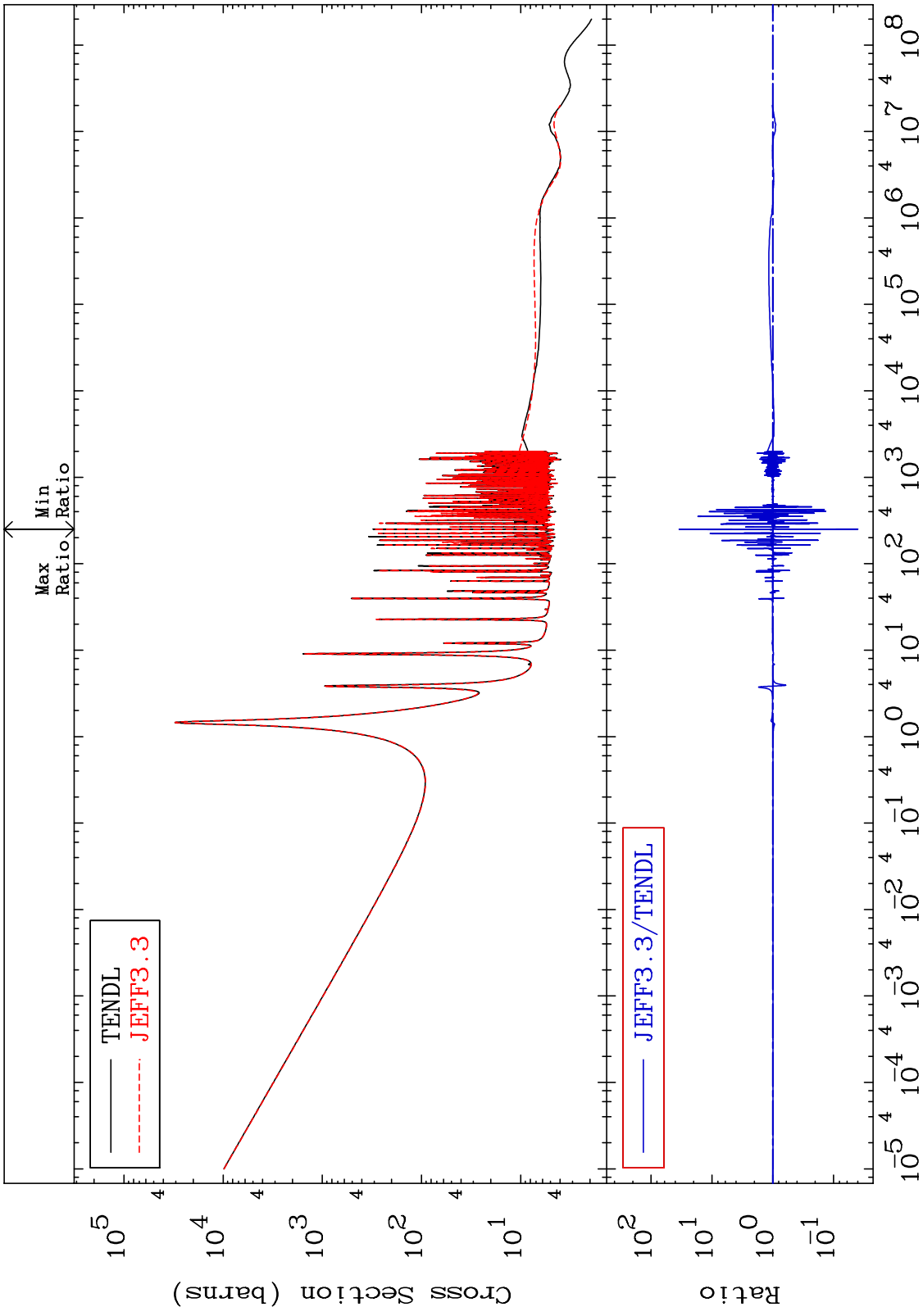
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 4931  
Total Cross Section  
49-In-115  
-96.01 To 3372. %

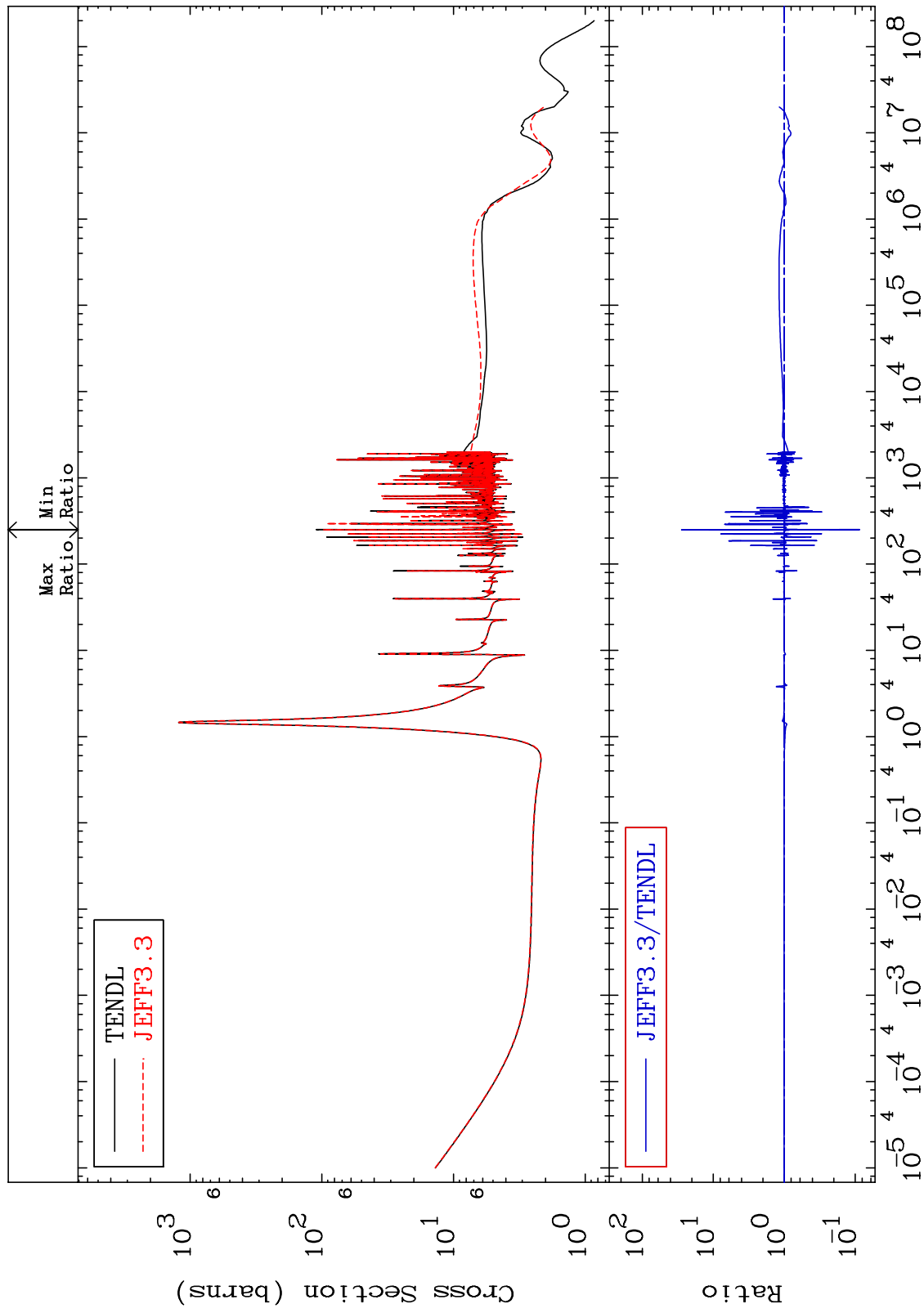


1  
Incident Energy (eV) 49-In-115

MAT 4931

Elastic  
Cross Section

49-In-115  
-91.38 To 2707. %

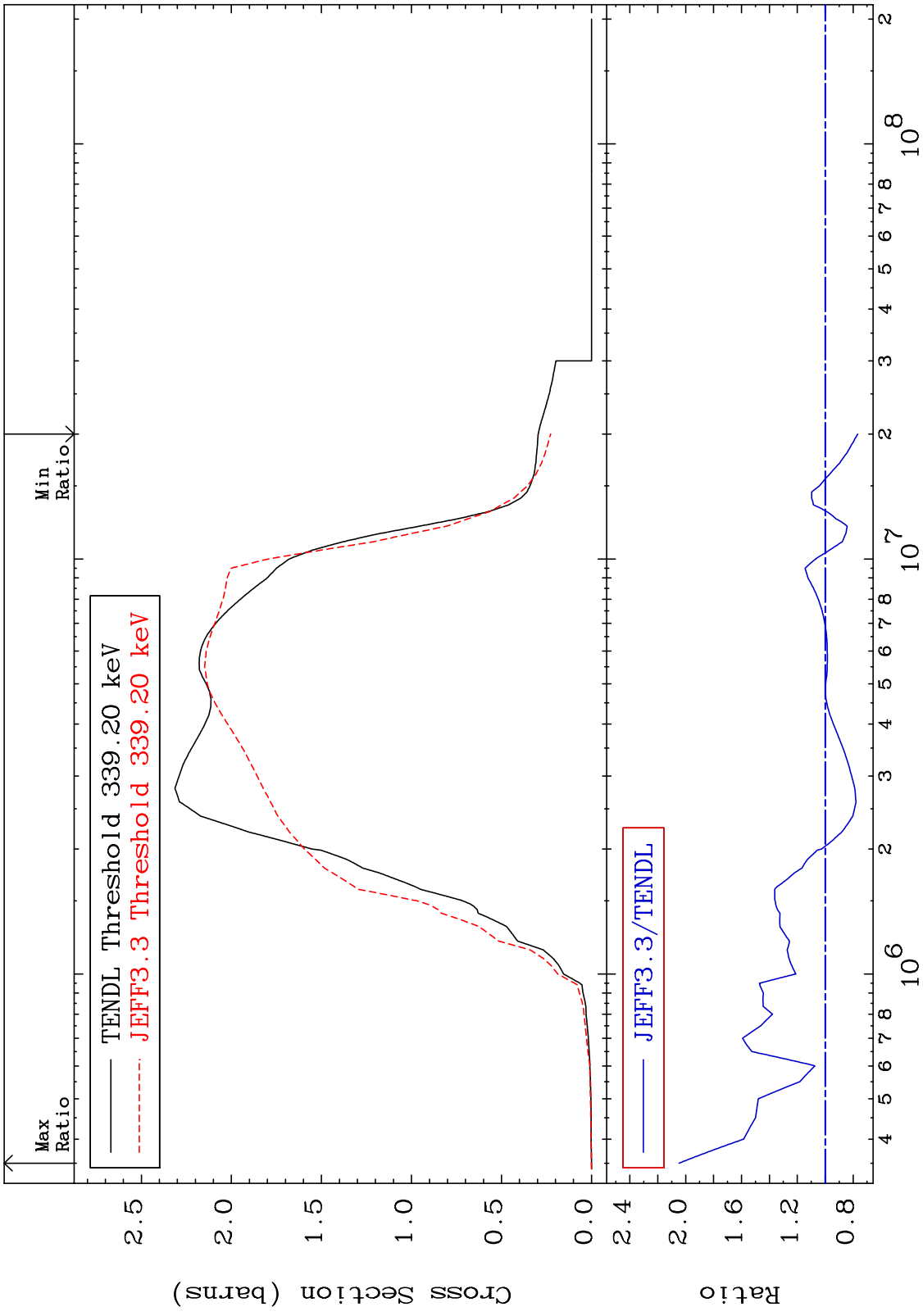


2

Incident Energy (eV)

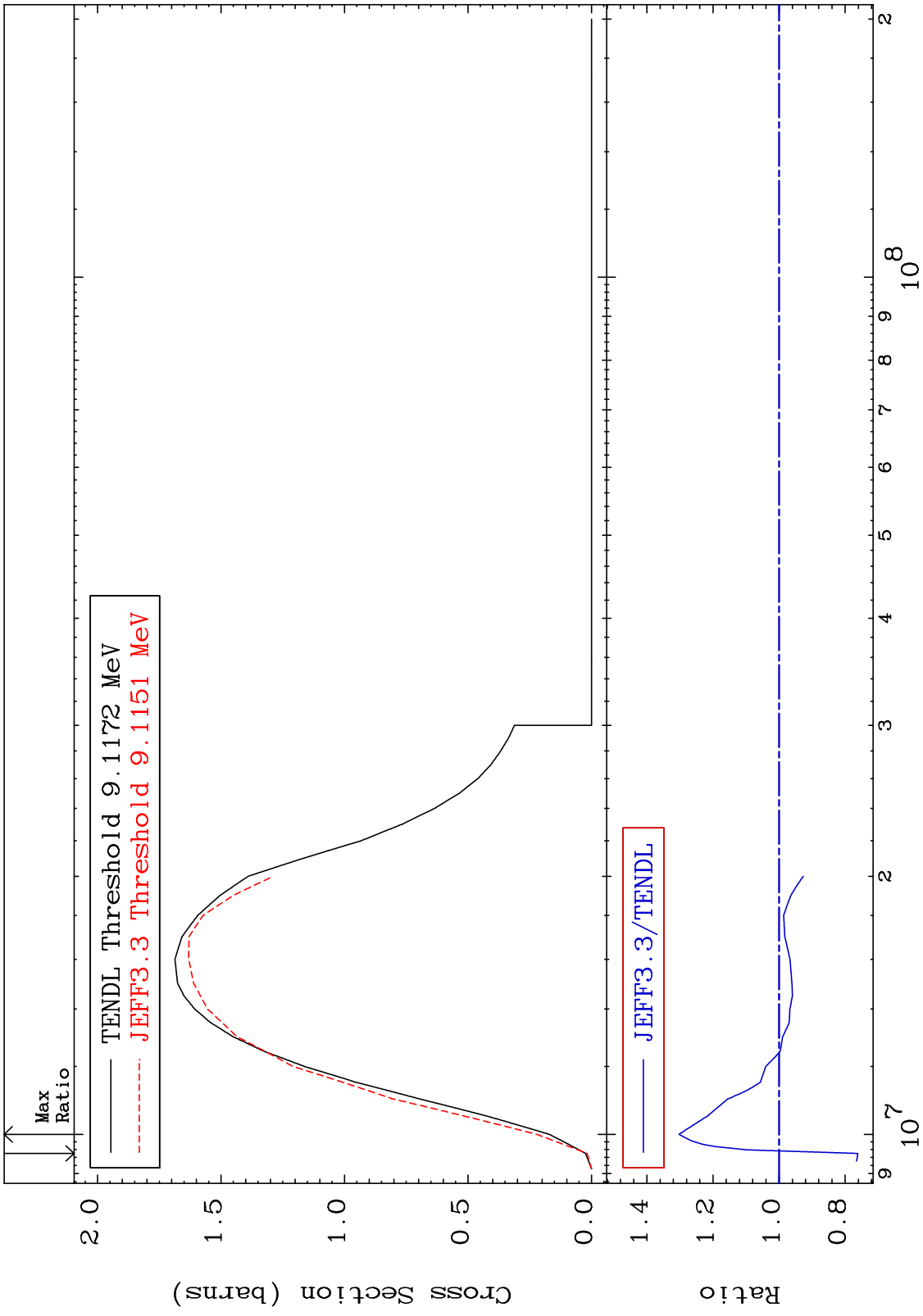
49-In-115

MAT 4931 Inelastic Cross Section 49-In-115 -23.38 To 104.8 %



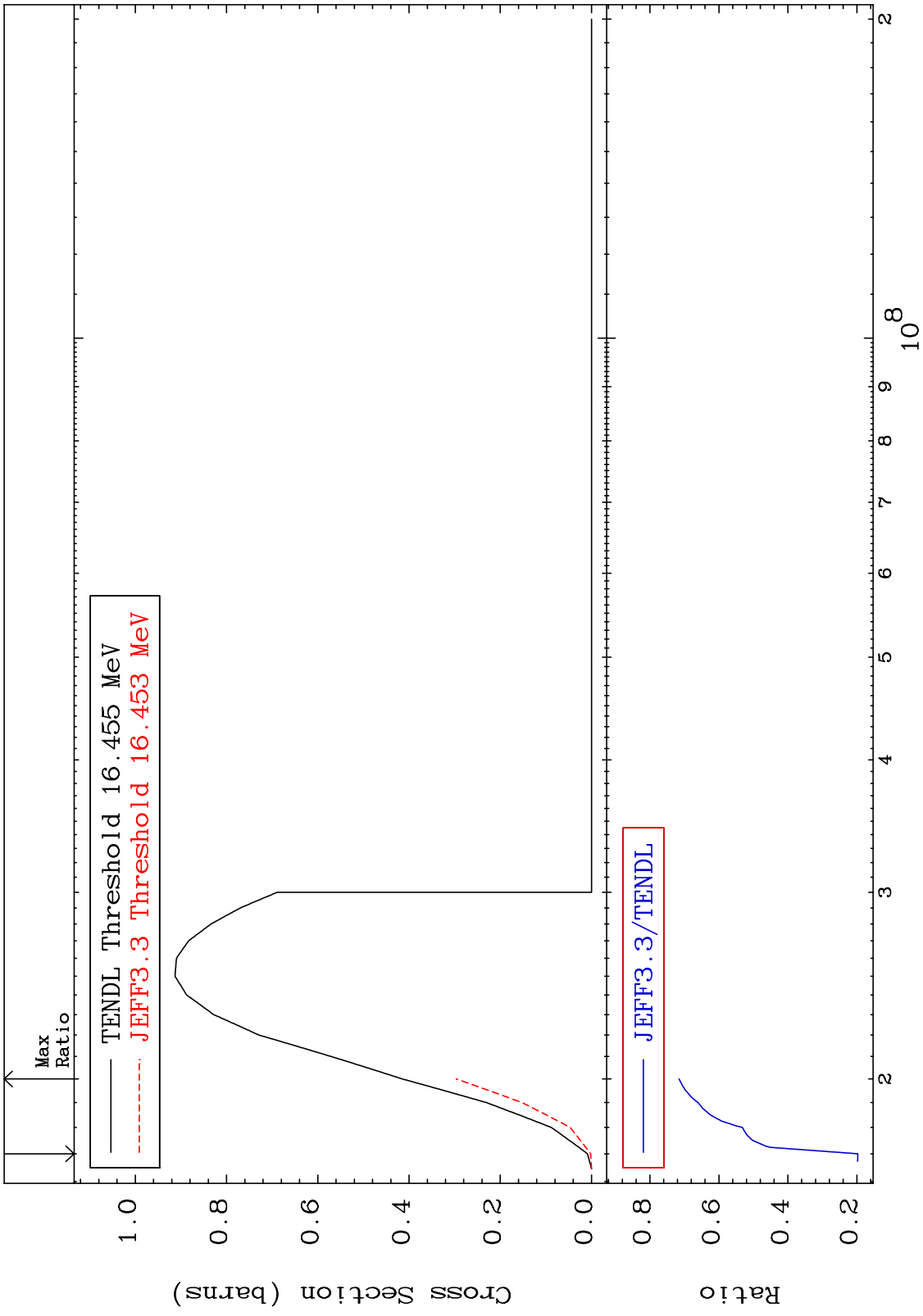
3 49-In-115

MAT 4931 (n,2n) Cross Section 49-In-115 -23.82 To 30.27 %



4 9 10<sup>7</sup> 2 10<sup>8</sup> 49-In-115

MAT 4931 (n,3n) Cross Section 49-In-115 -80.27 To -28.45%



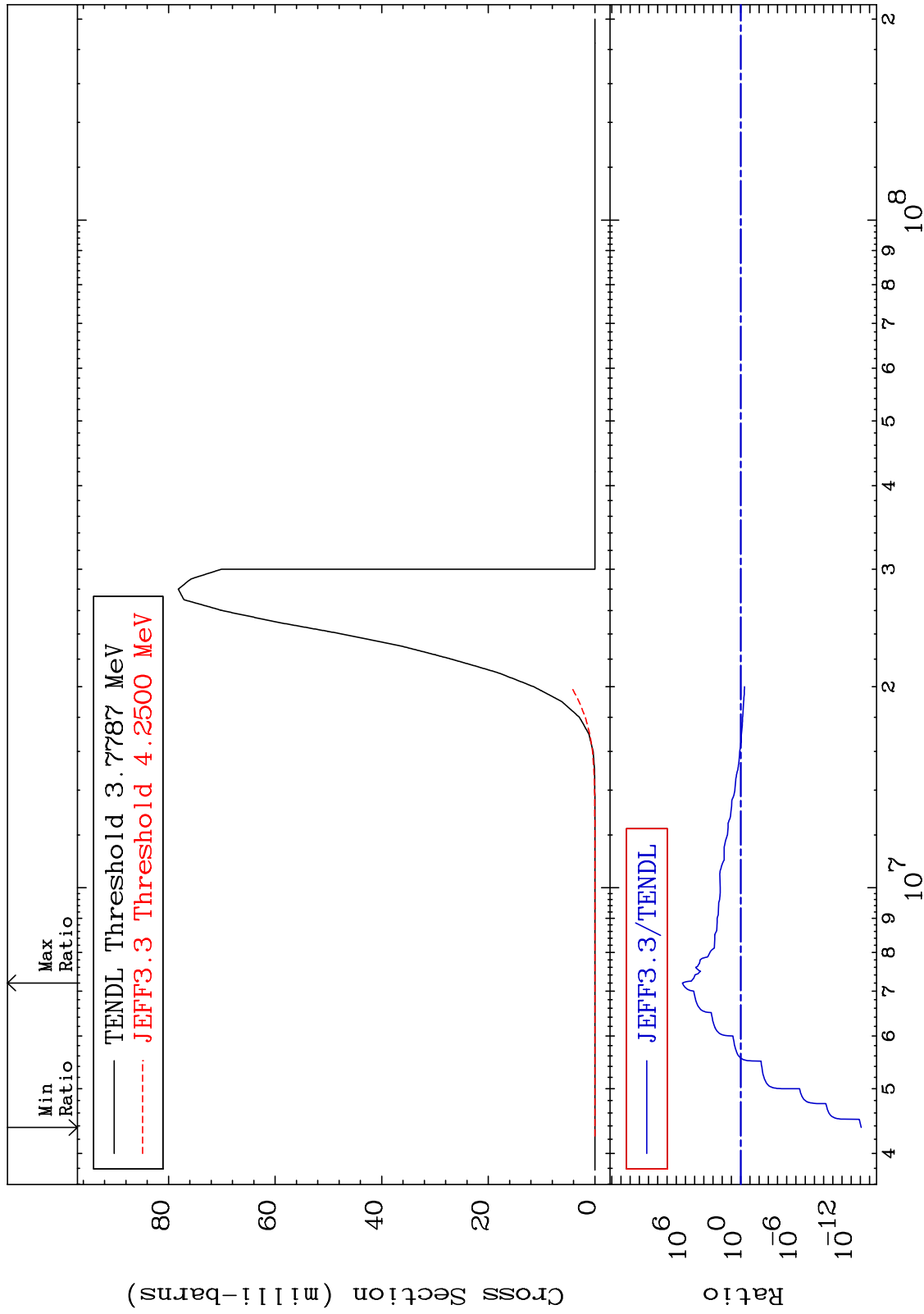
MAT 4931

(n, n')  $\alpha$

49-In-115

Cross Section

-100.0 To 9999. %

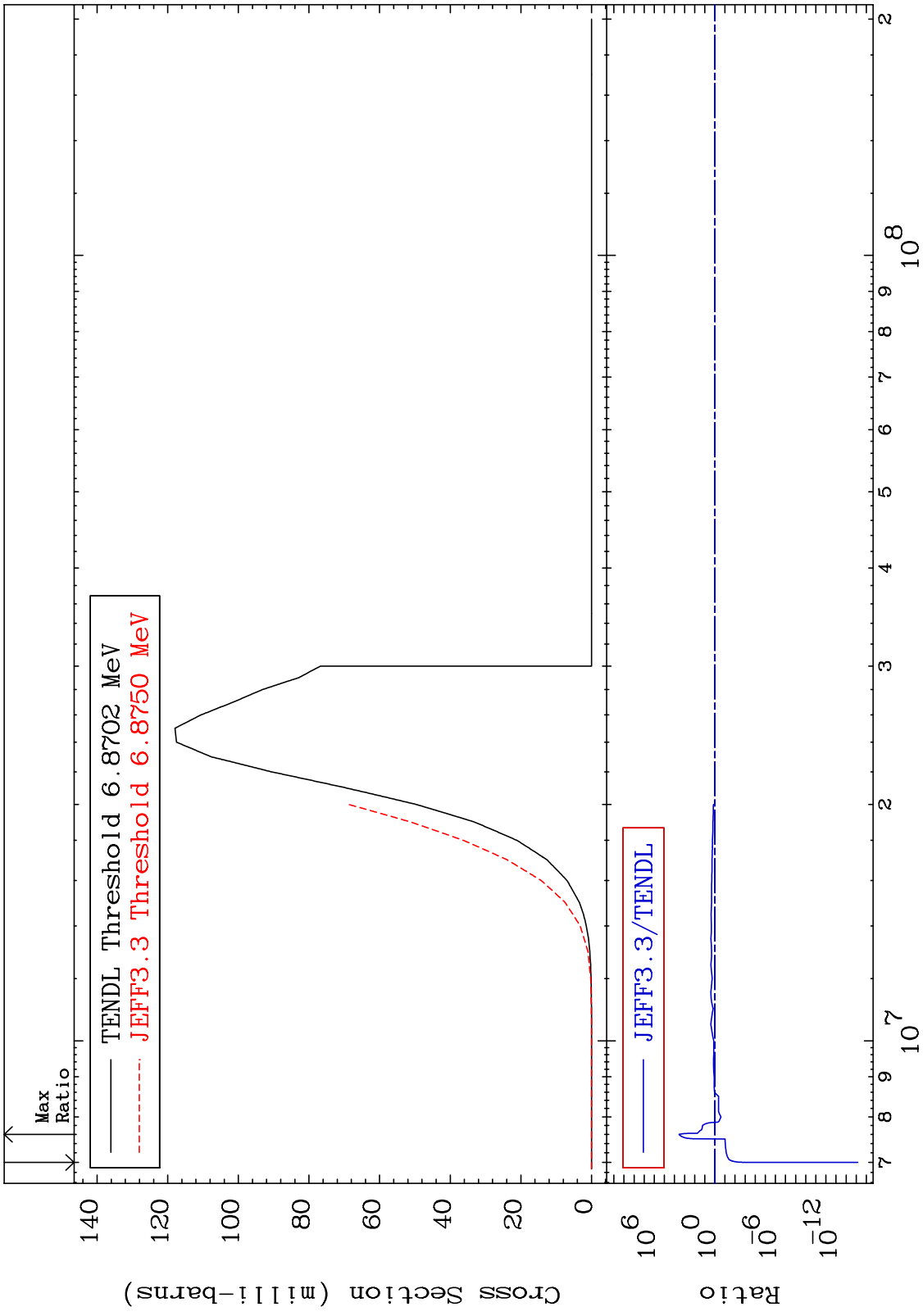


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Incident Energy (eV)

49-In-115

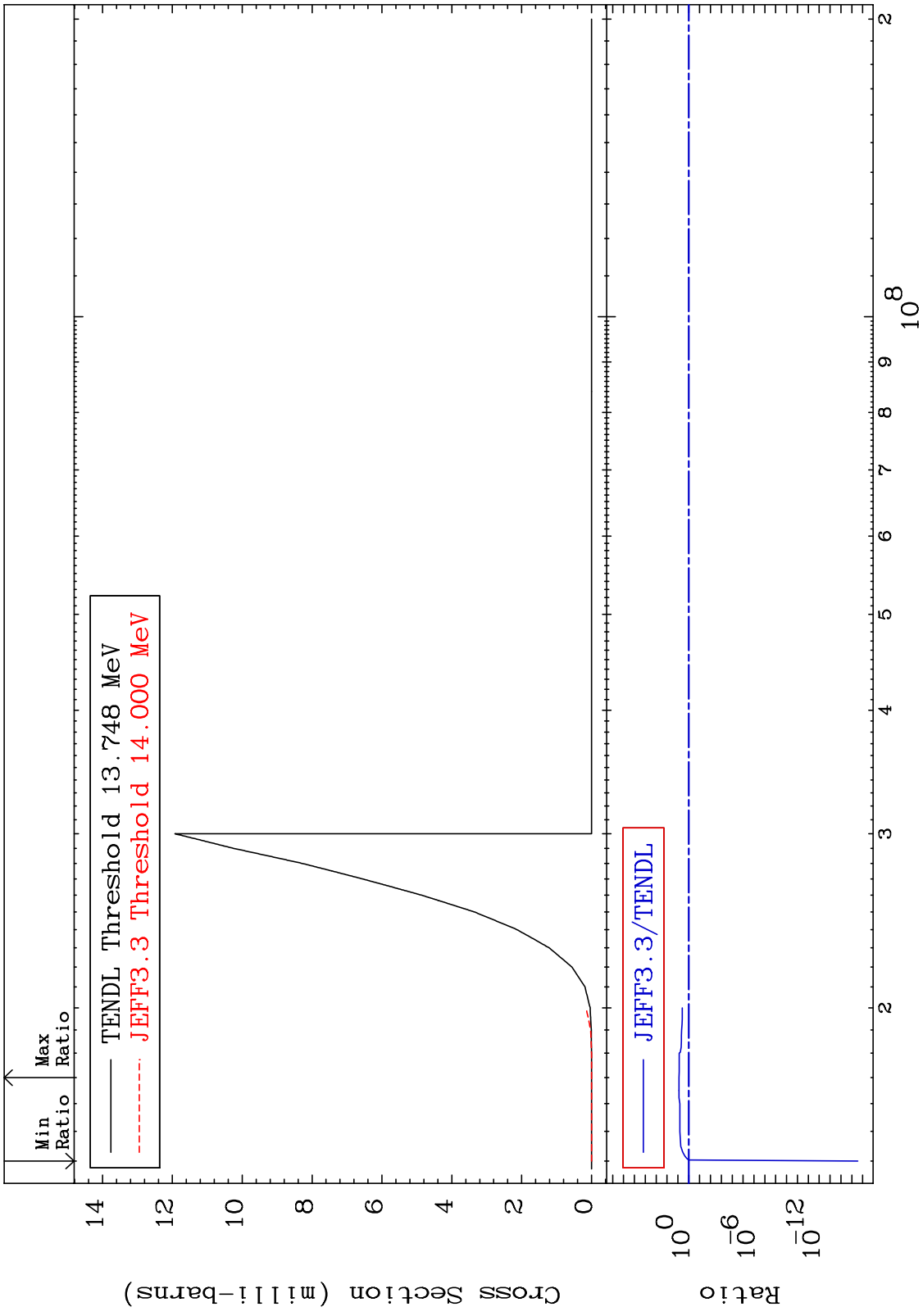
MAT 4931 (n,n') p 49-In-115  
 Cross Section -100.0 To 9999. %



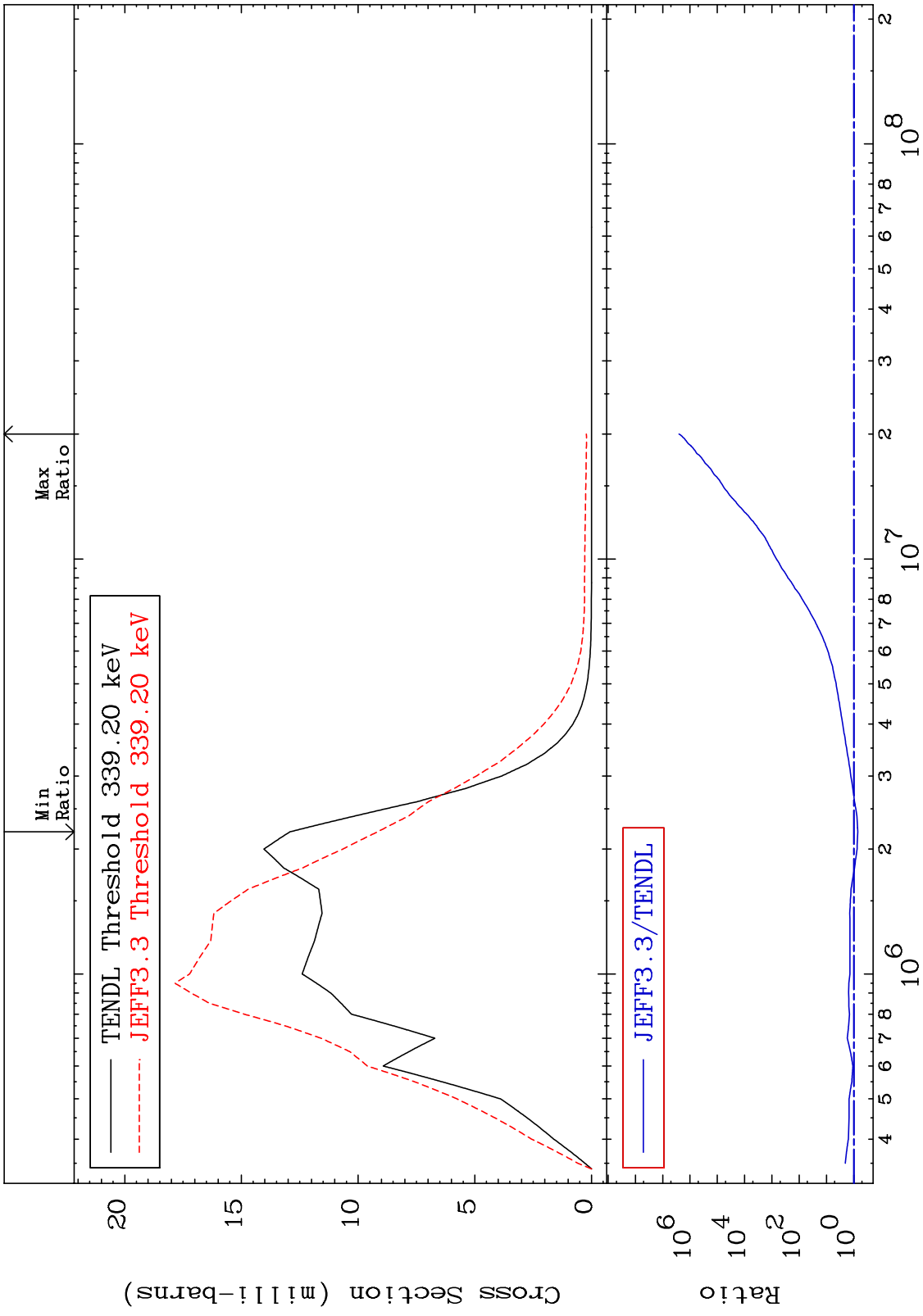
7 Incident Energy (eV) 49-In-115



MAT 4931 (n, n') d 49-In-115  
 Cross Section -100.0 To 683.5 %

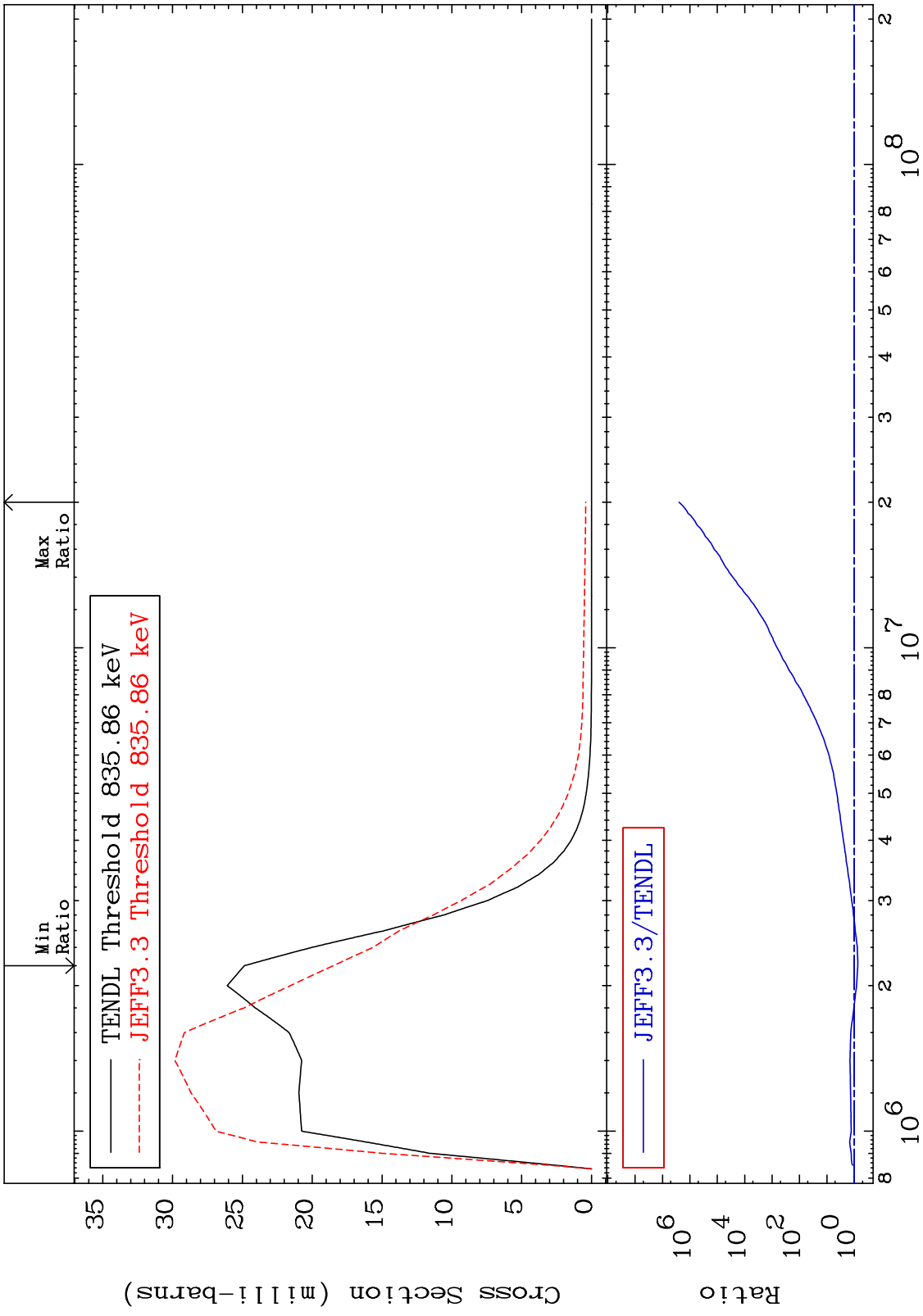


MAT 4931      MT= 51 (n,n') Level Cross Section      49-In-115  
 -29.08 To 9999. %





MAT 4931 MT= 53 (n,n') Level Cross Section 49-In-115  
 -25.63 To 9999. %



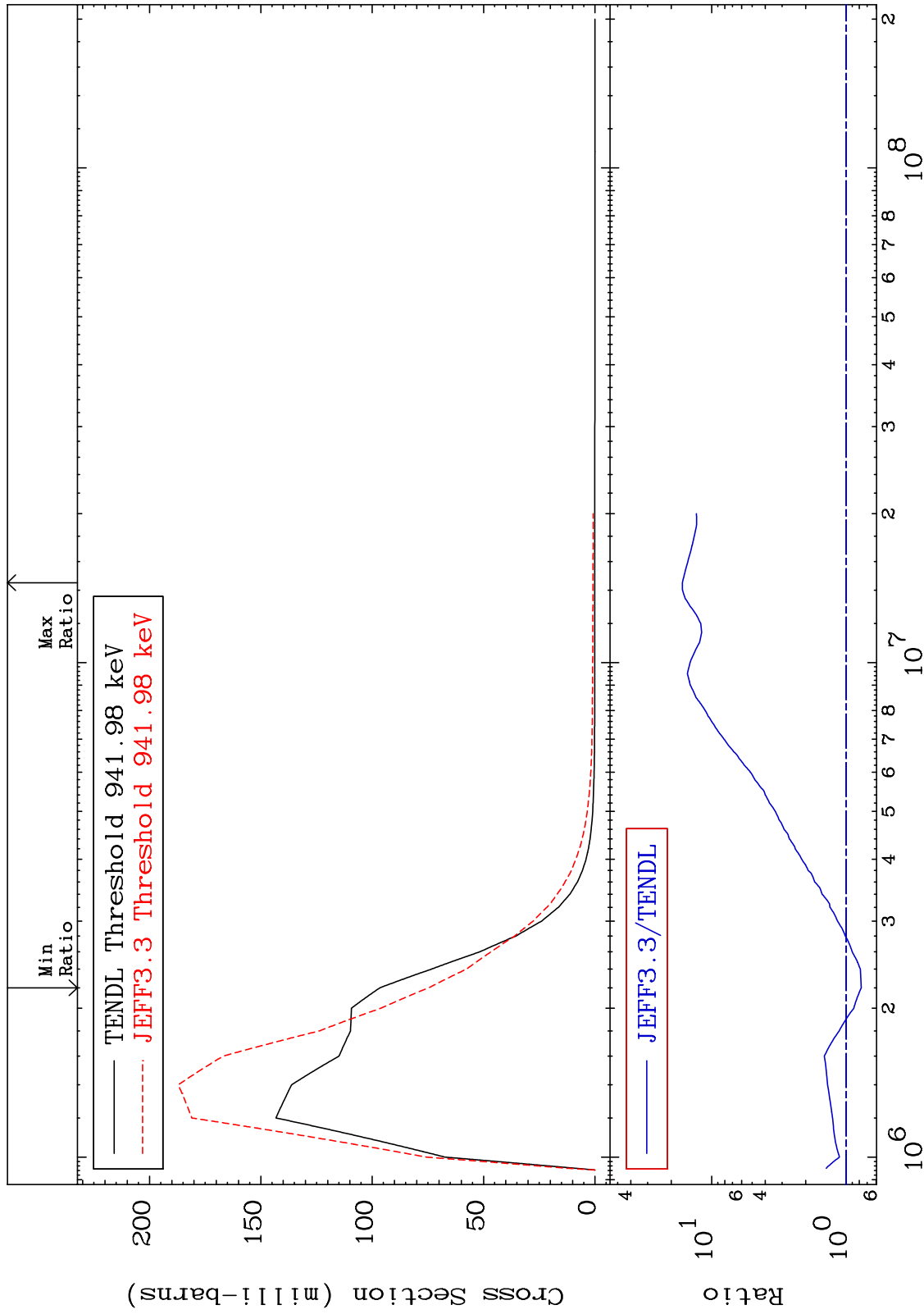
11 Incident Energy (eV) 49-In-115



MAT 4931

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

49-In-115  
-22.74 To 1550. %

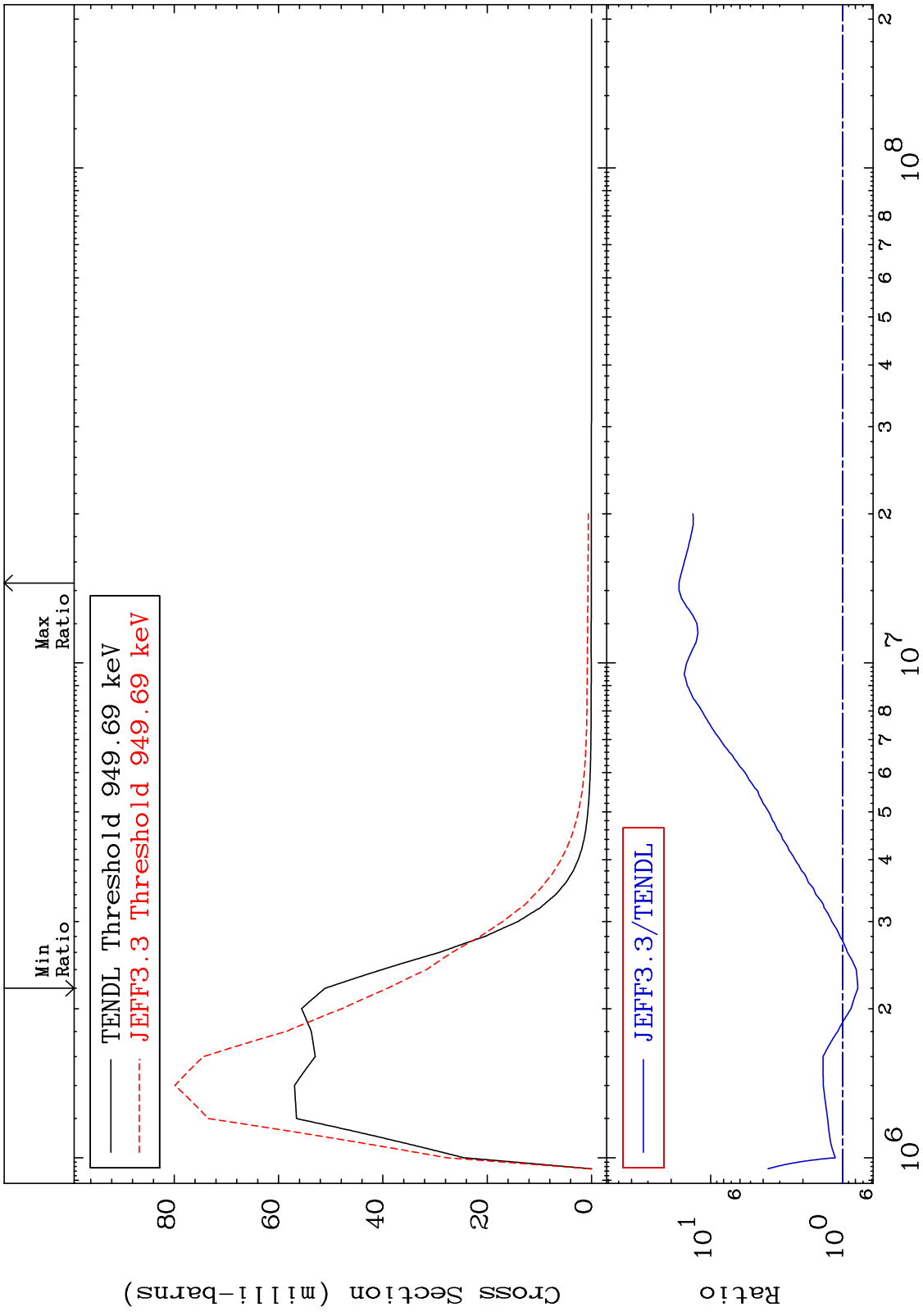


13

Incident Energy (eV)

49-In-115

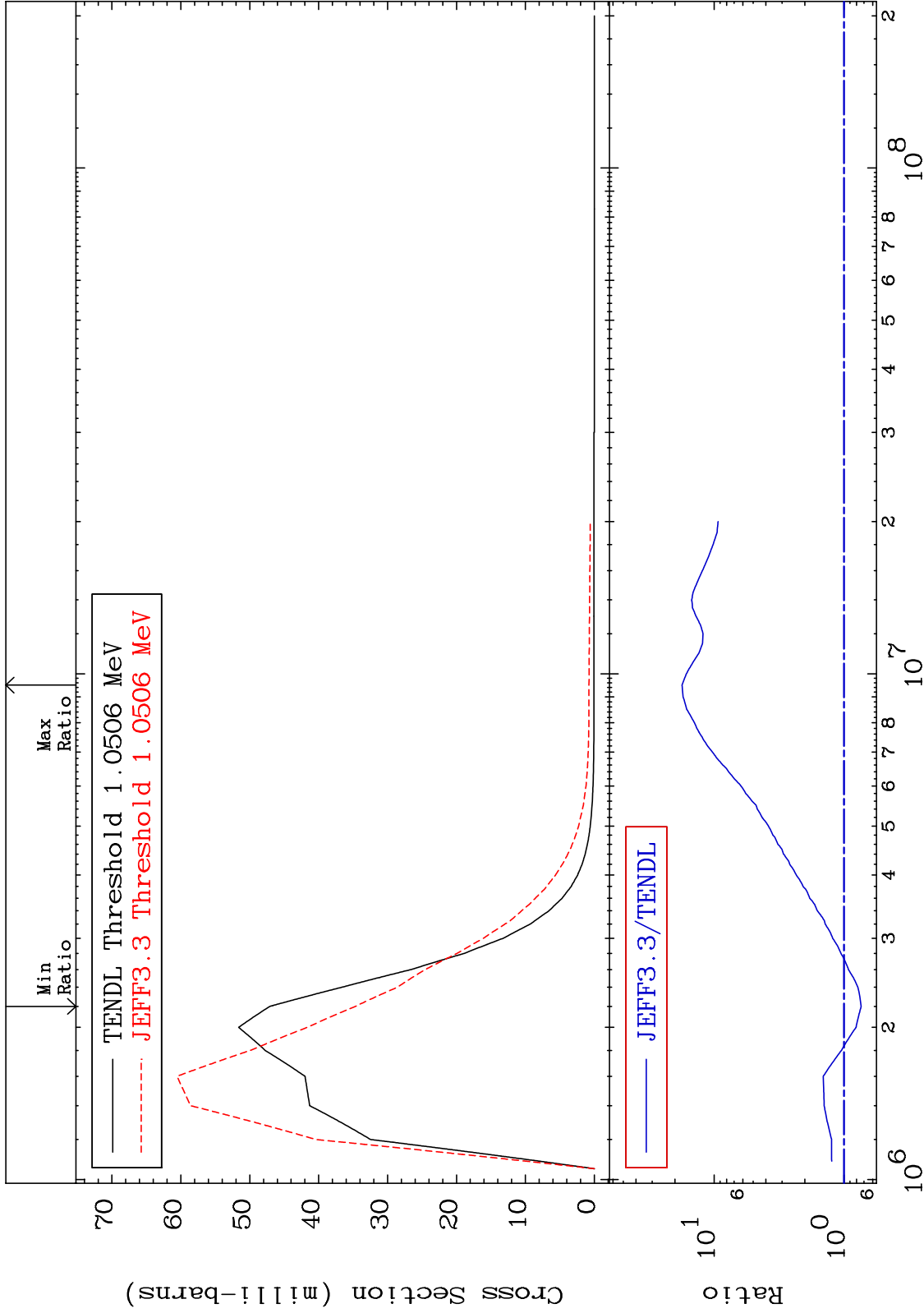
MAT 4931      MT= 56 (n,n') Level      49-In-115  
 Cross Section      -23.48 To 1641. %



MAT 4931

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

49-In-115  
-26.34 To 1665. %



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Incident Energy (eV)

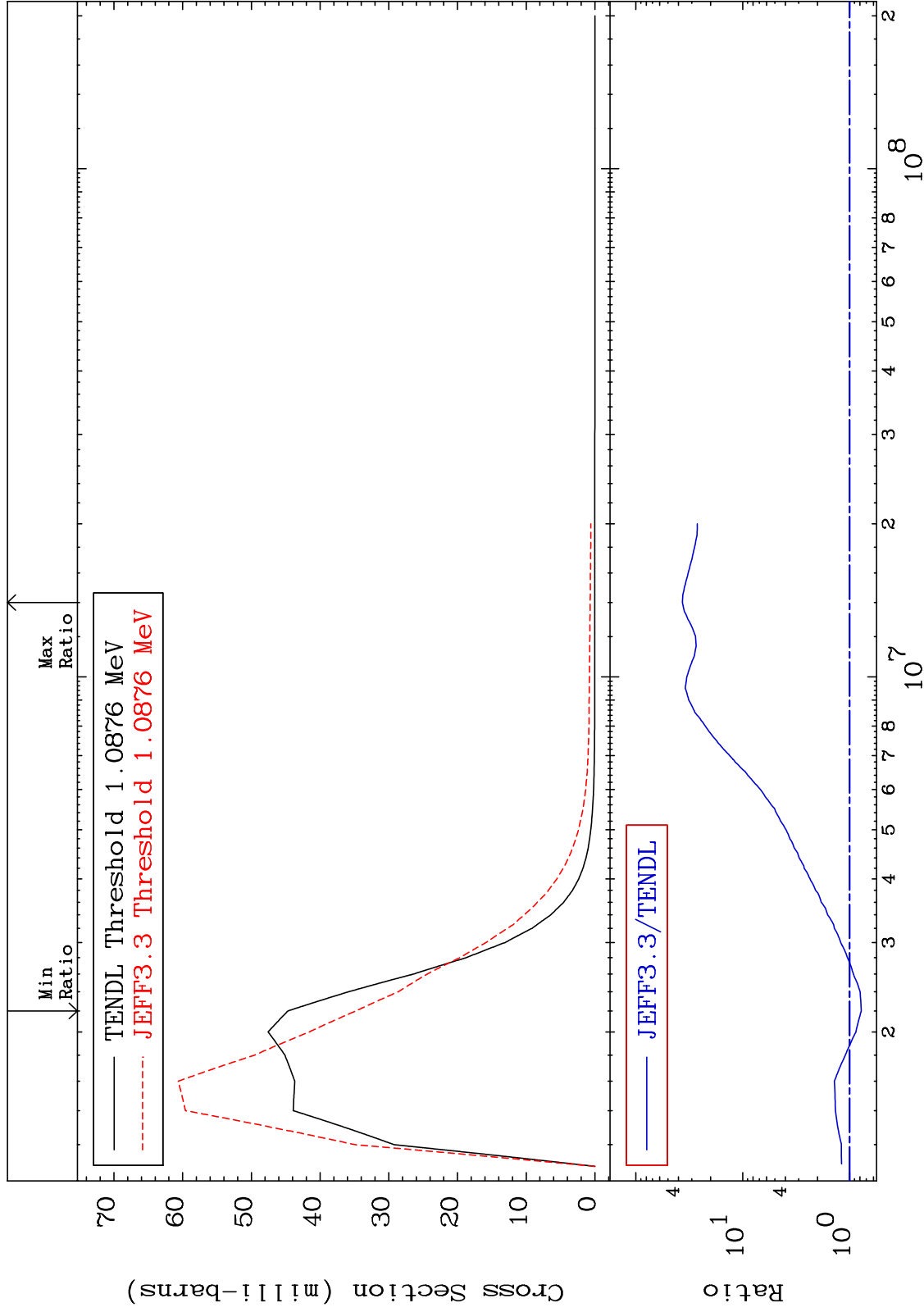
49-In-115



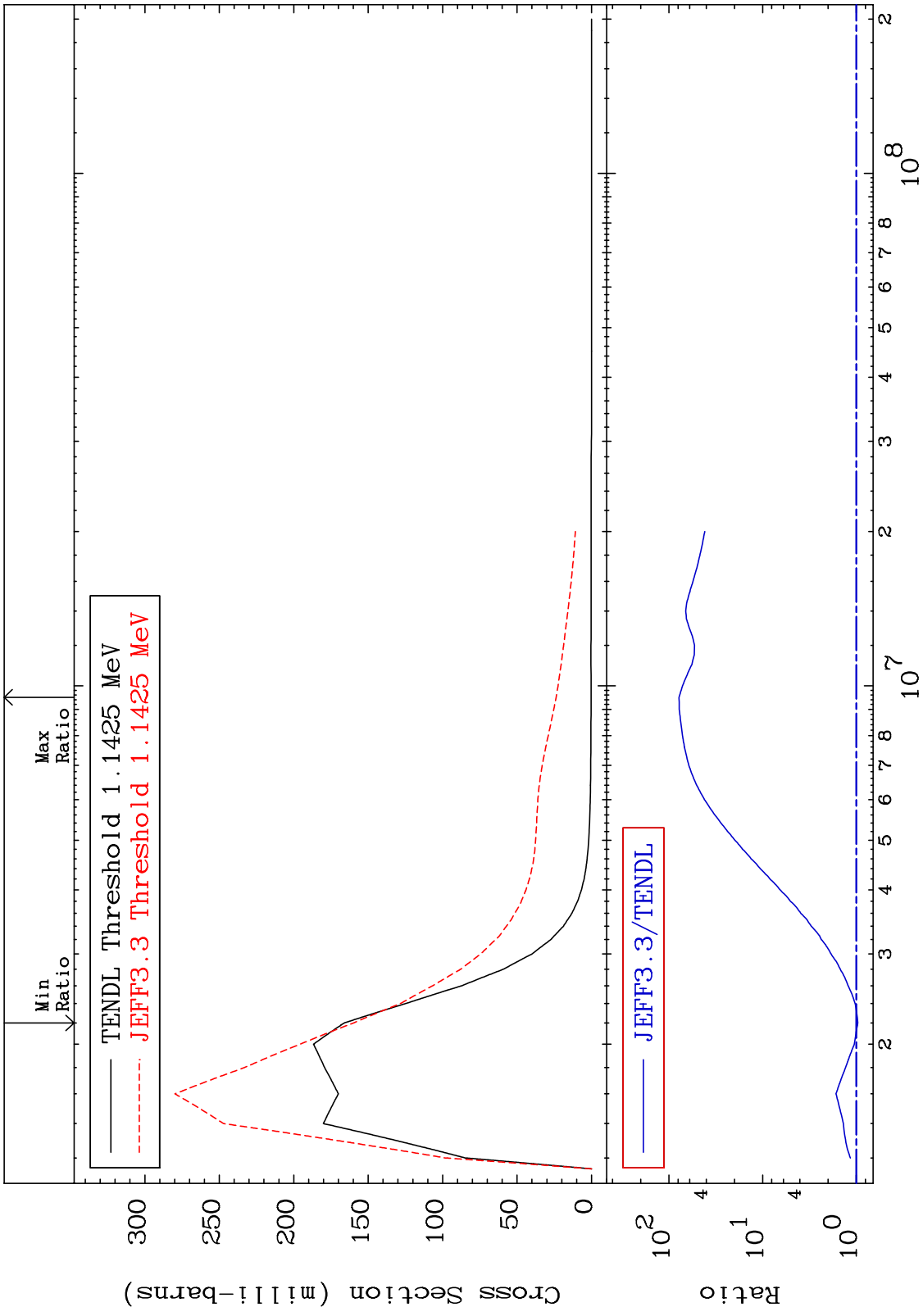
MAT 4931

MT= 58 (n,n') Level  
Cross Section

49-In-115  
-22.14 To 3564. %



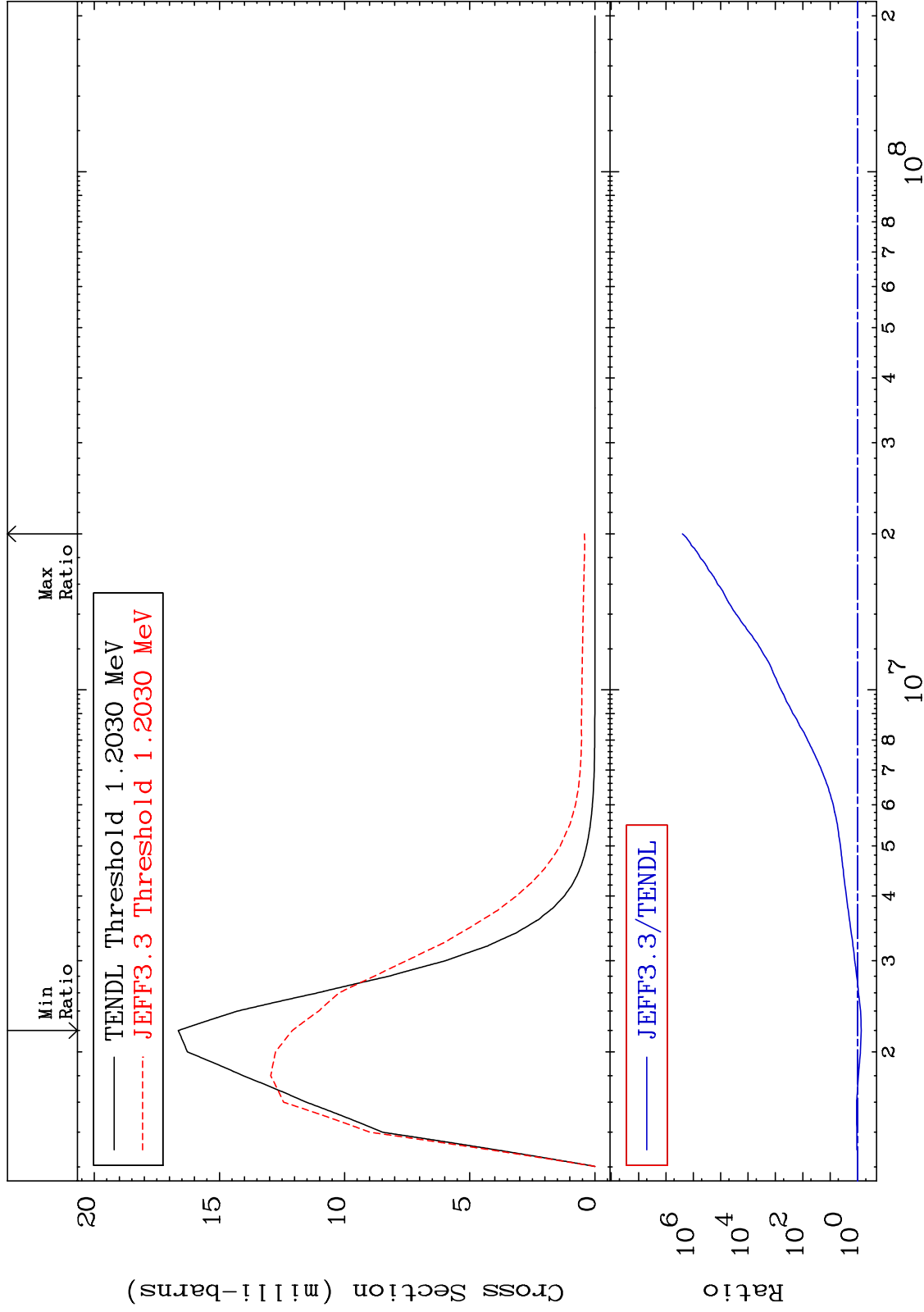
MAT 4931      MT= 59 (n,n') Level      49-In-115  
 Cross Section      -3.730 To 7712. %



MAT 4931

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

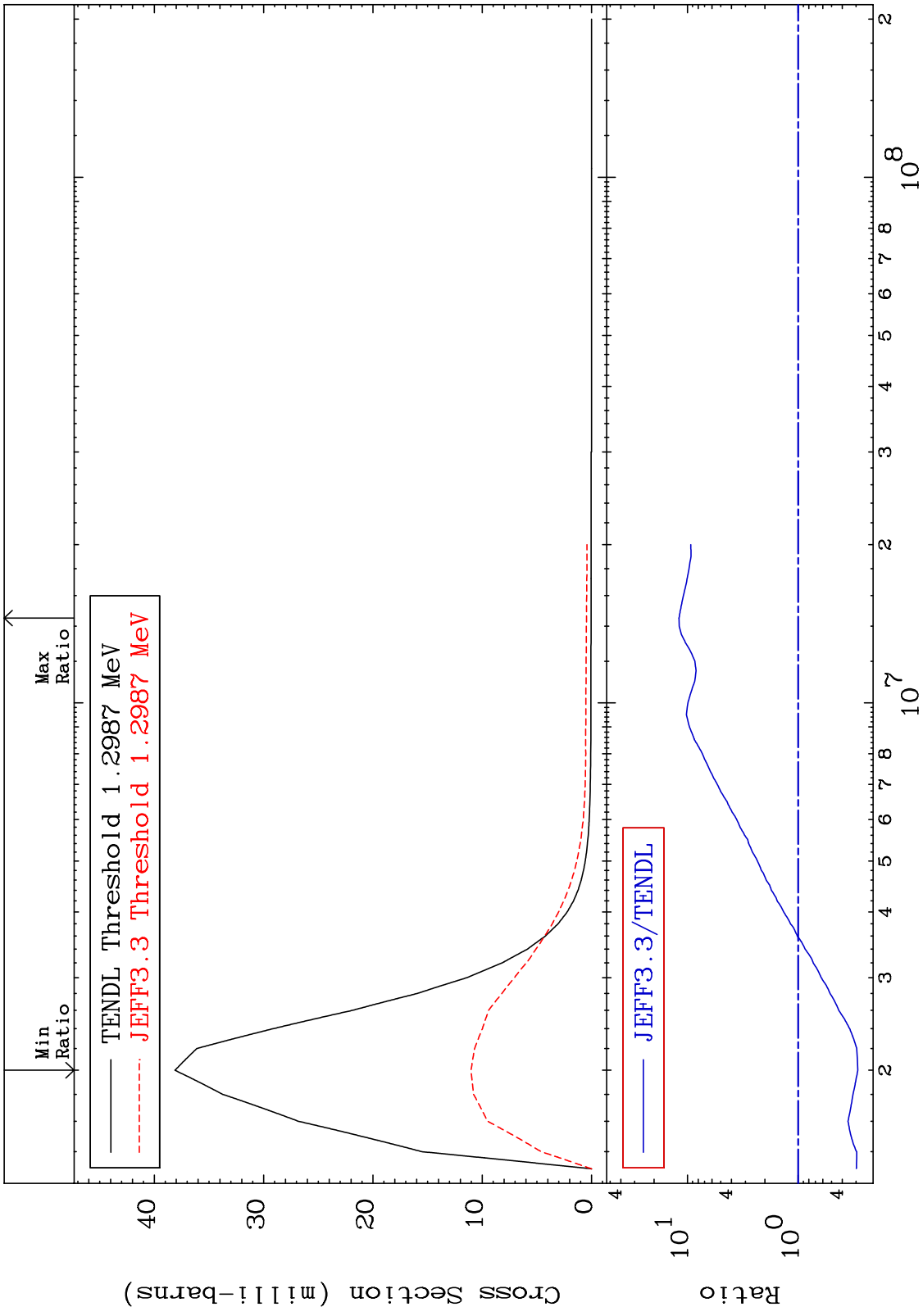
49-In-115  
-27.37 To 9999. %



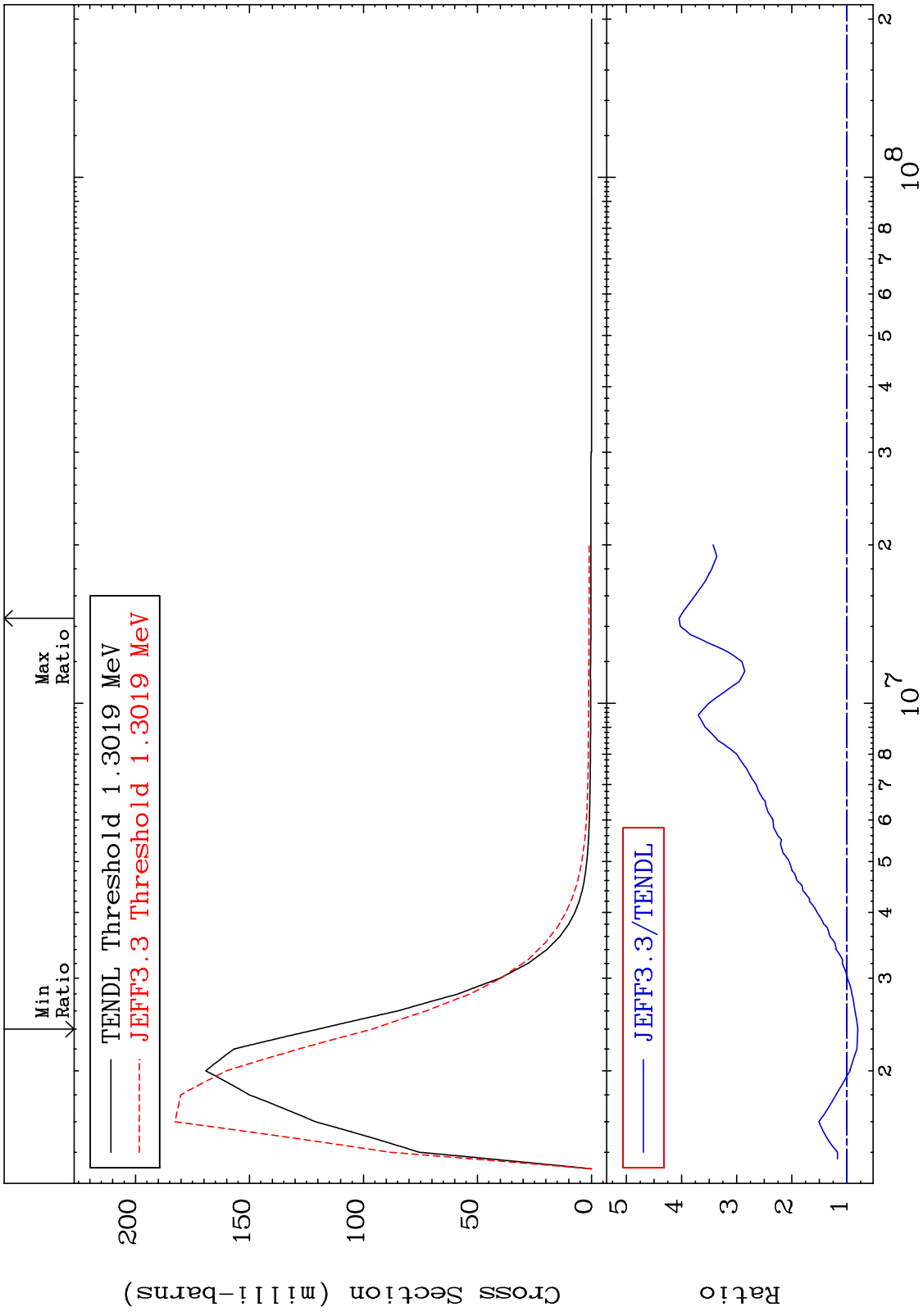
18

49-In-115

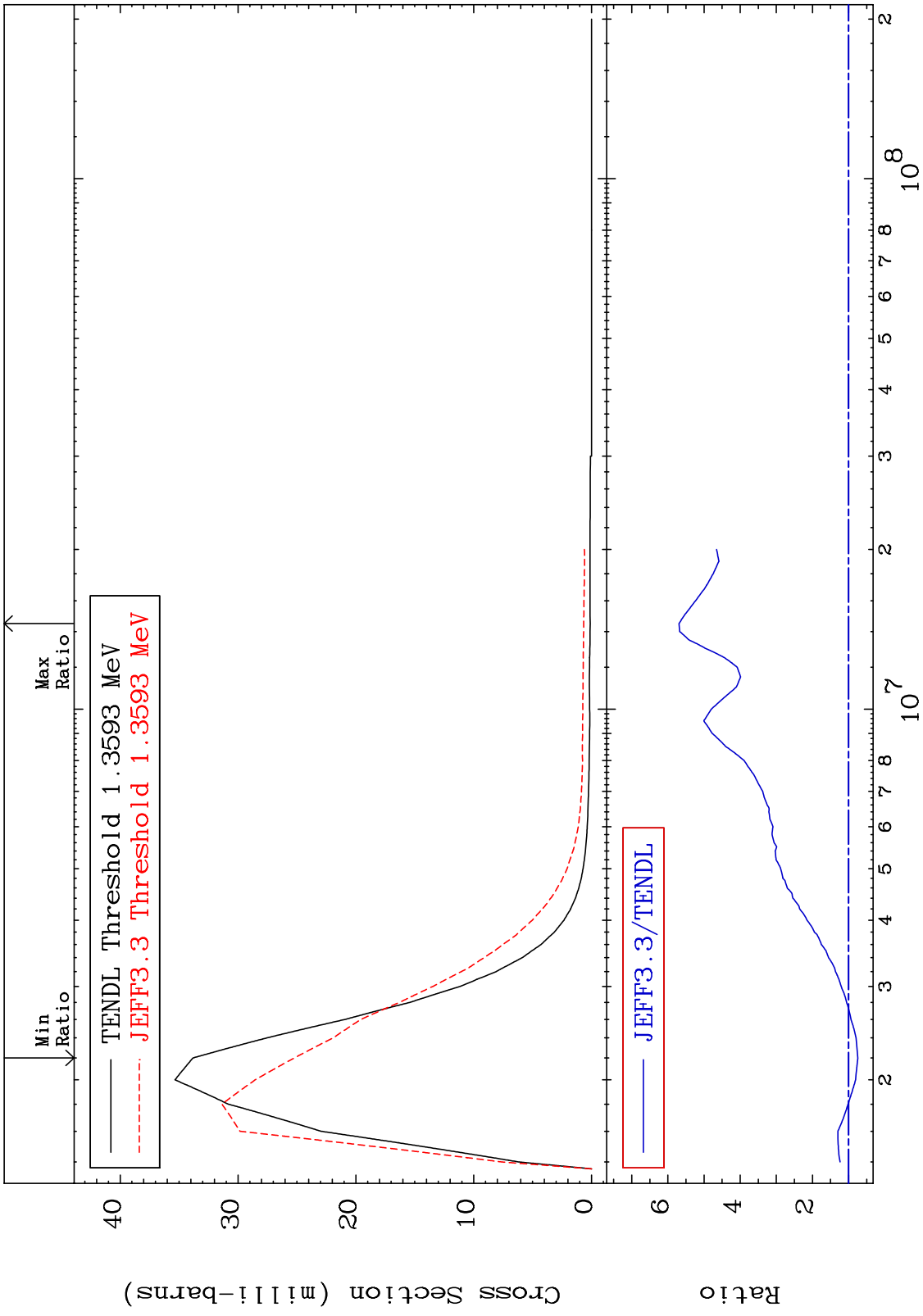
MAT 4931      MT= 61 (n,n') Level      49-In-115  
 Cross Section      -71.06 To 1091. %



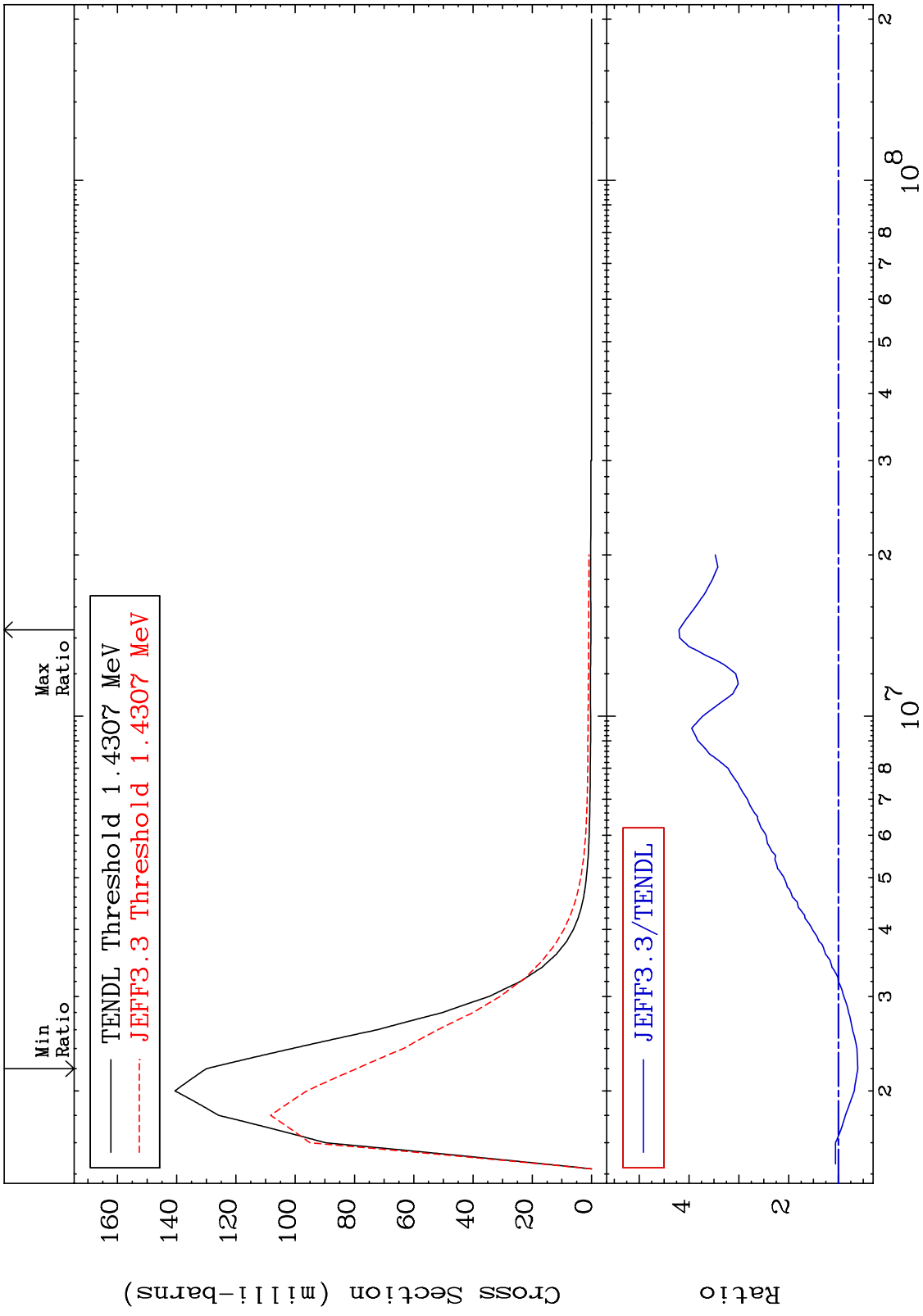
MAT 4931      MT= 62 (n,n') Level Cross Section      49-In-115  
 -19.82 To 304.5 %



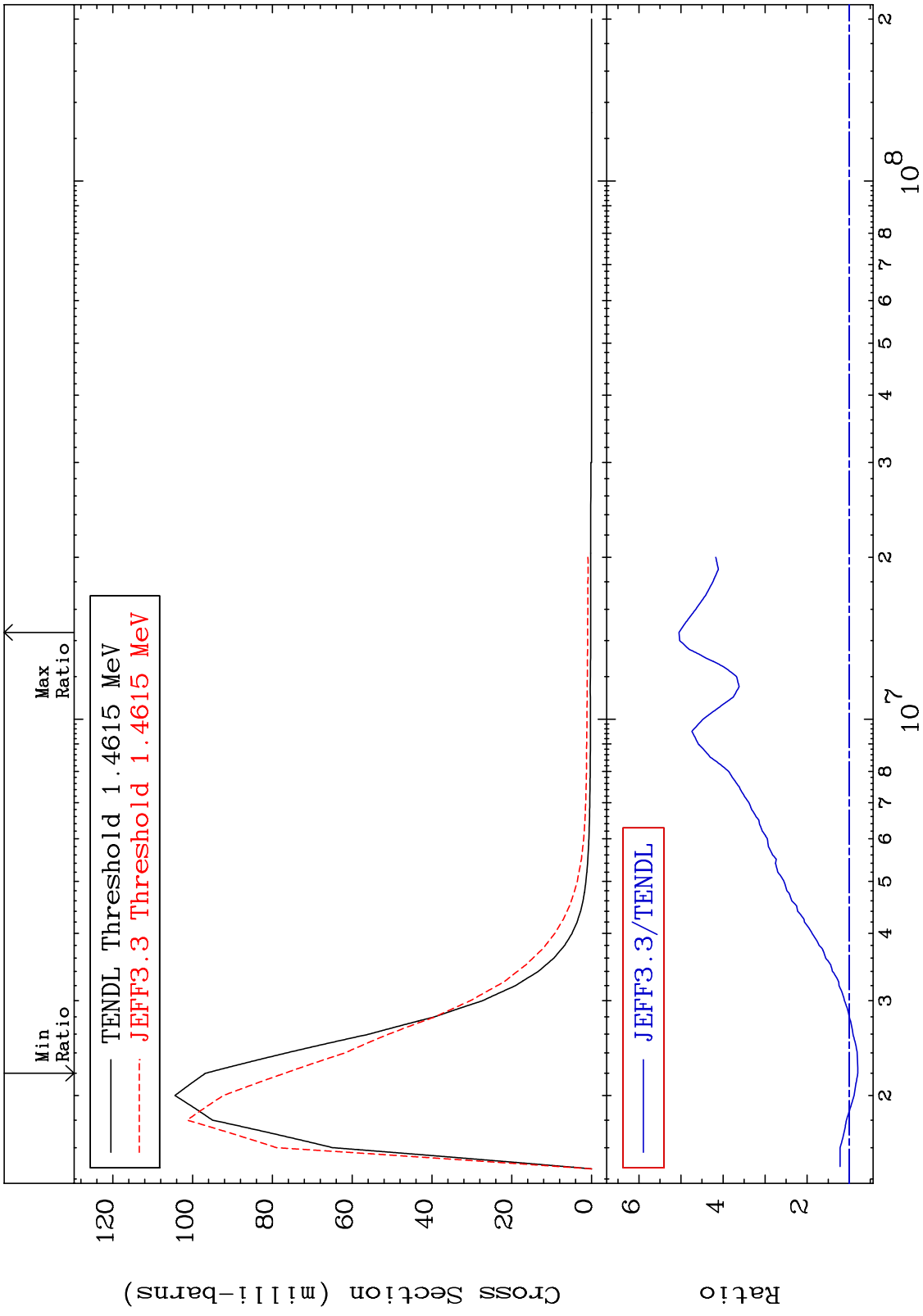
MAT 4931 MT= 63 (n,n') Level Cross Section 49-In-115  
 -25.45 To 469.1 %



MAT 4931 MT= 64 (n,n') Level Cross Section -39.00 To 320.0 % 49-In-115

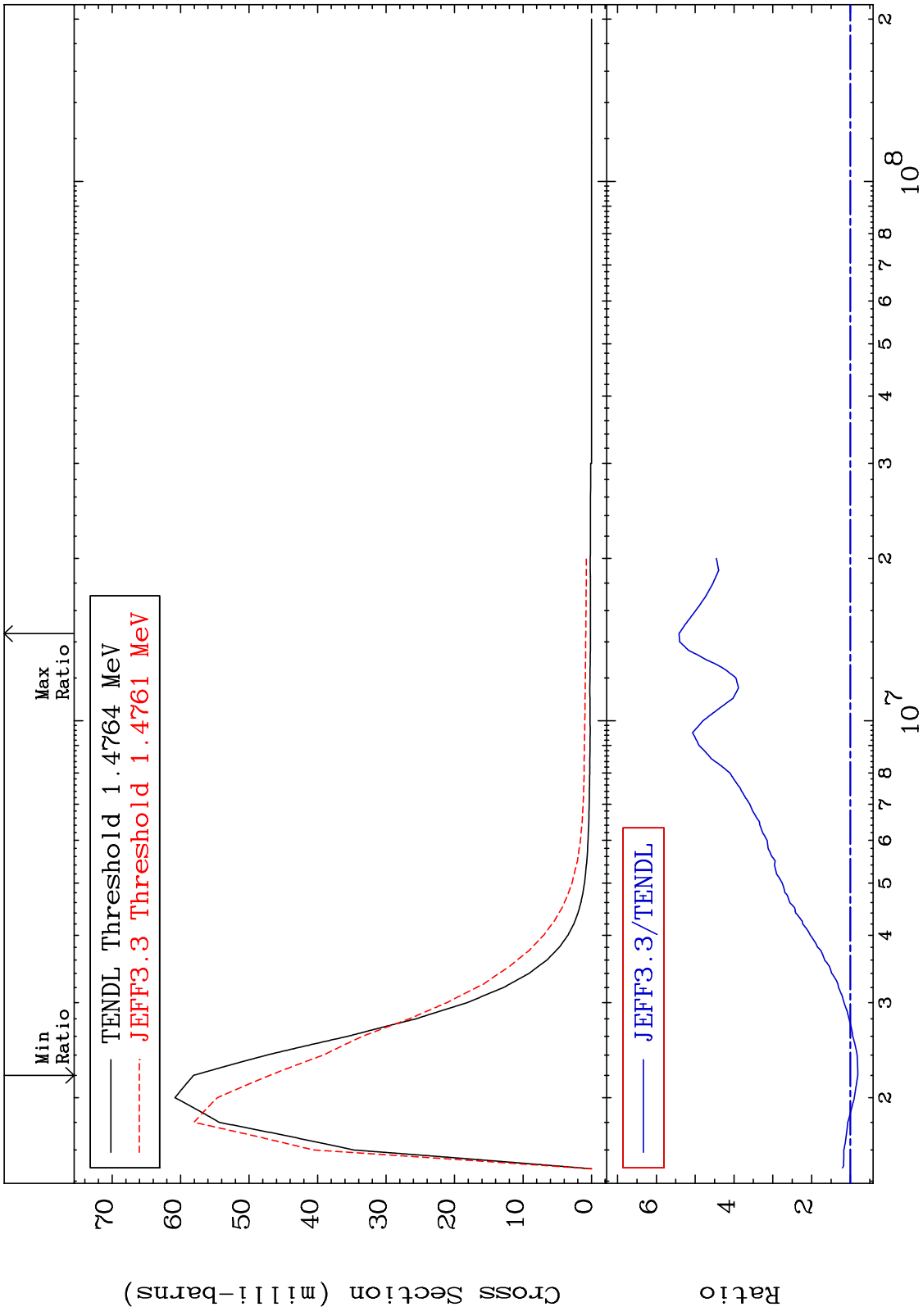


MAT 4931      MT= 65 (n,n') Level Cross Section      49-In-115  
 -20.53 To 404.6 %



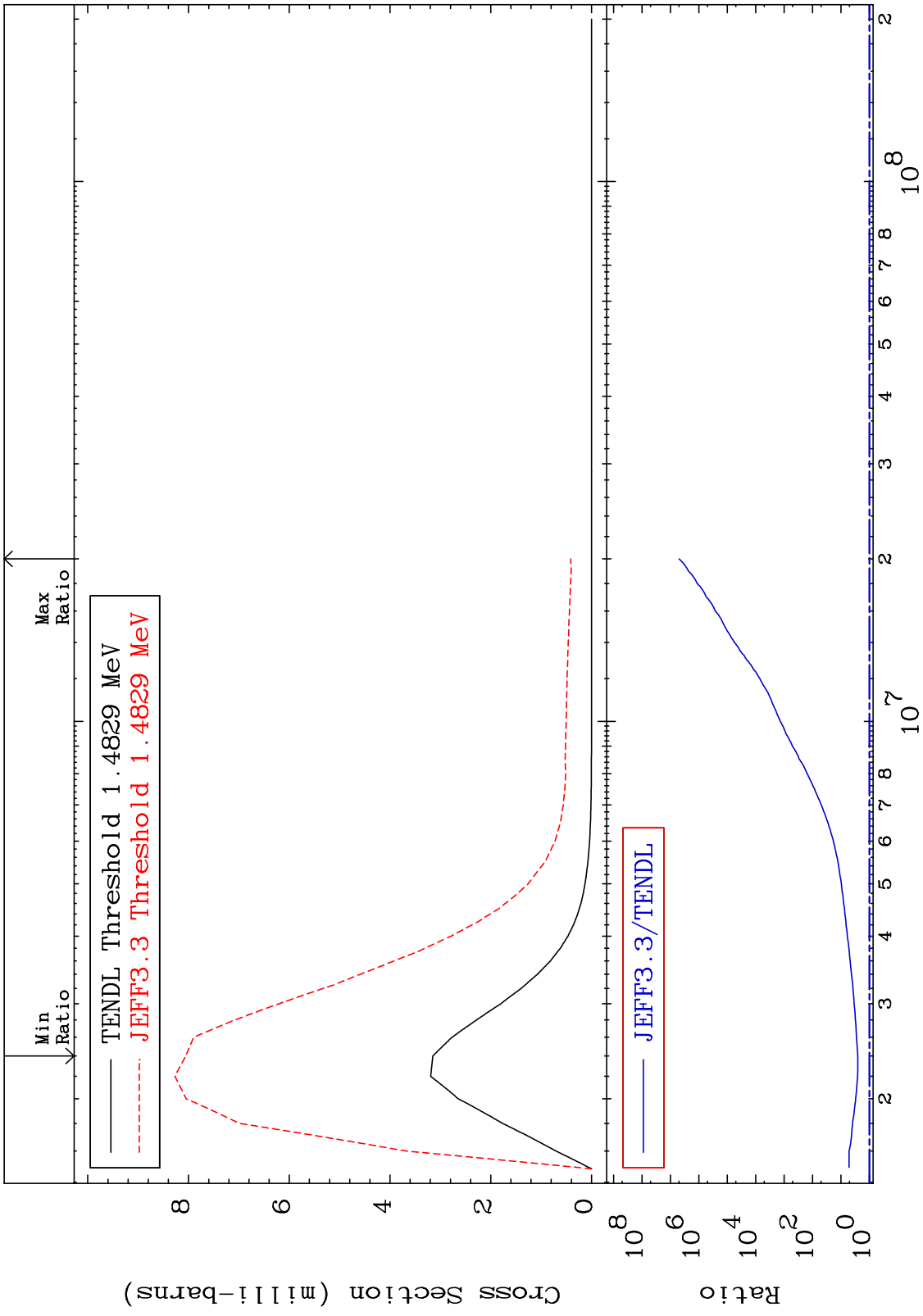


MAT 4931 MT= 66 (n,n') Level Cross Section -19.12 To 441.6 % 49-In-115

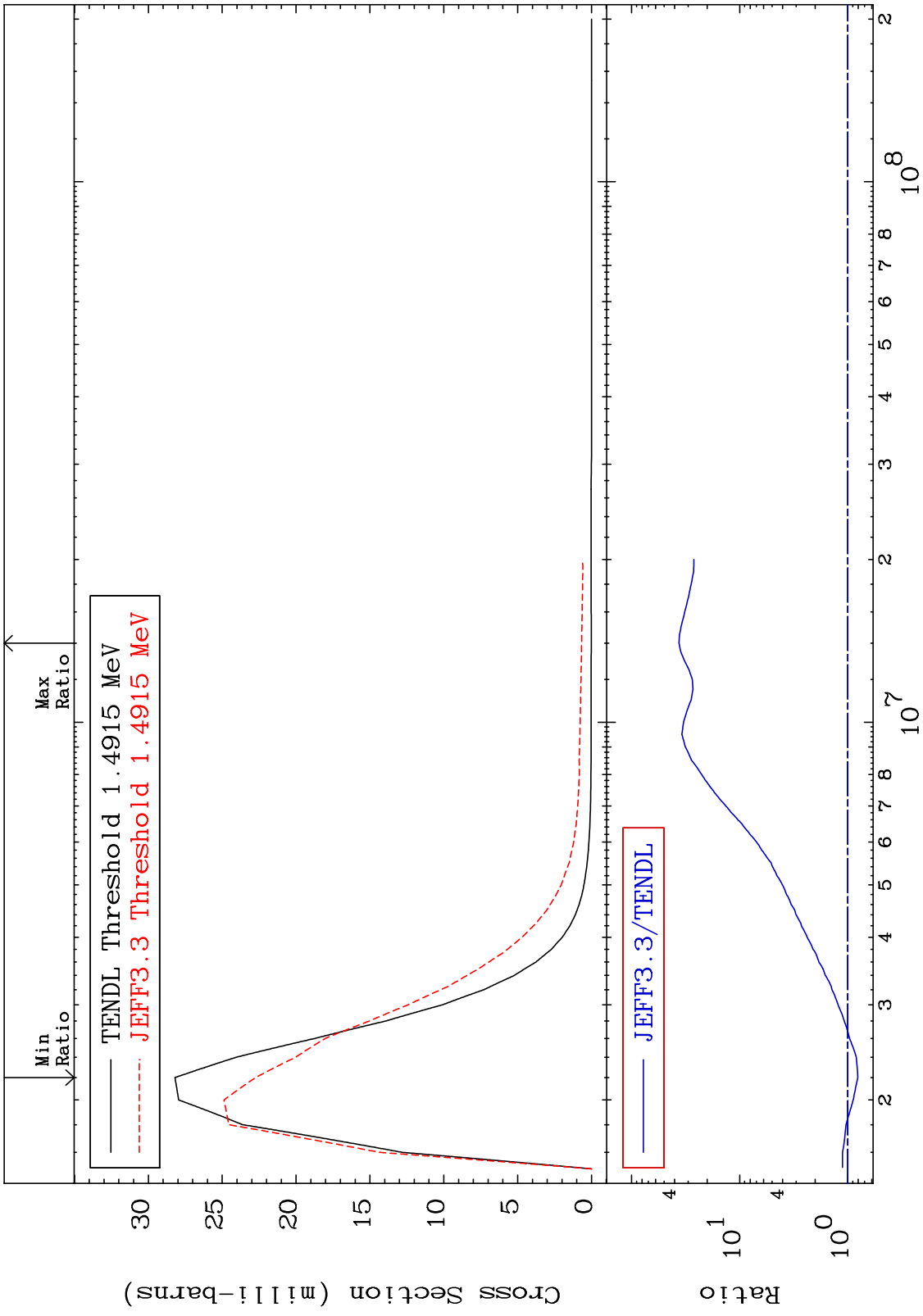


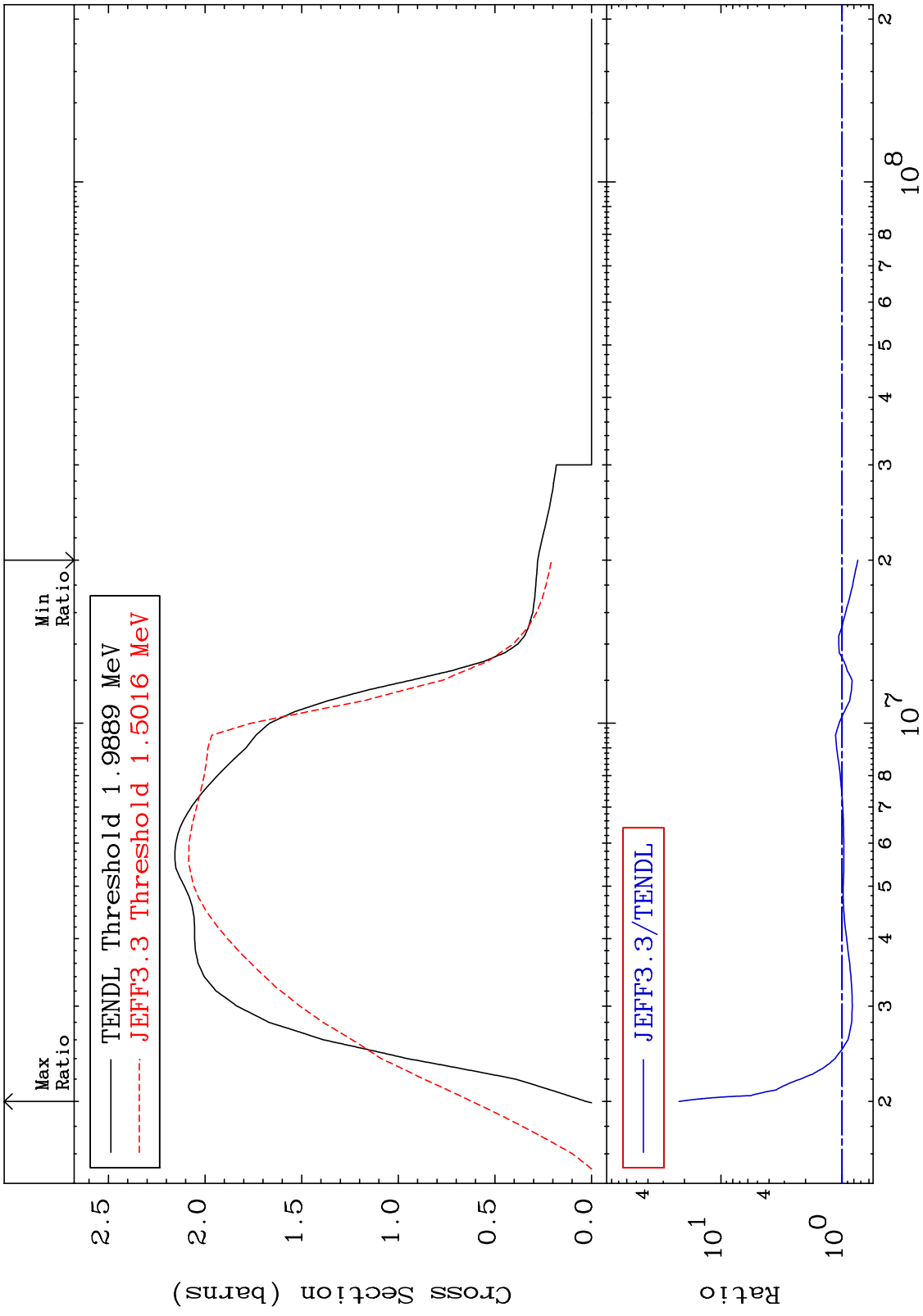
Incident Energy (eV) 49-In-115

MAT 4931 MT= 67 (n,n') Level Cross Section 49-In-115  
 155.8 To 9999. %



MAT 4931 MT= 68 (n,n') Level Cross Section 49-In-115  
 -19.33 To 3538. %





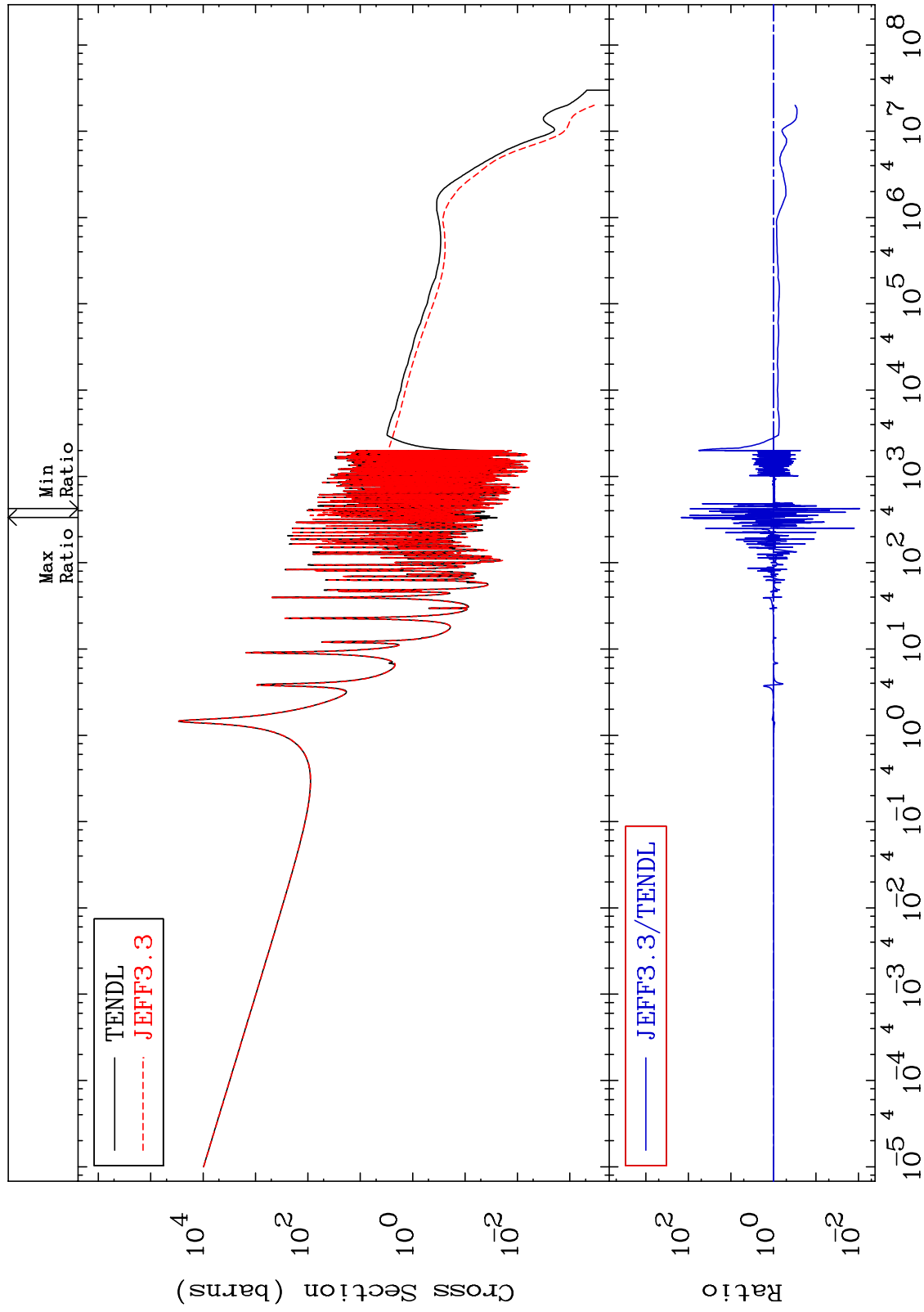
MAT 4931

(n,  $\gamma$ )

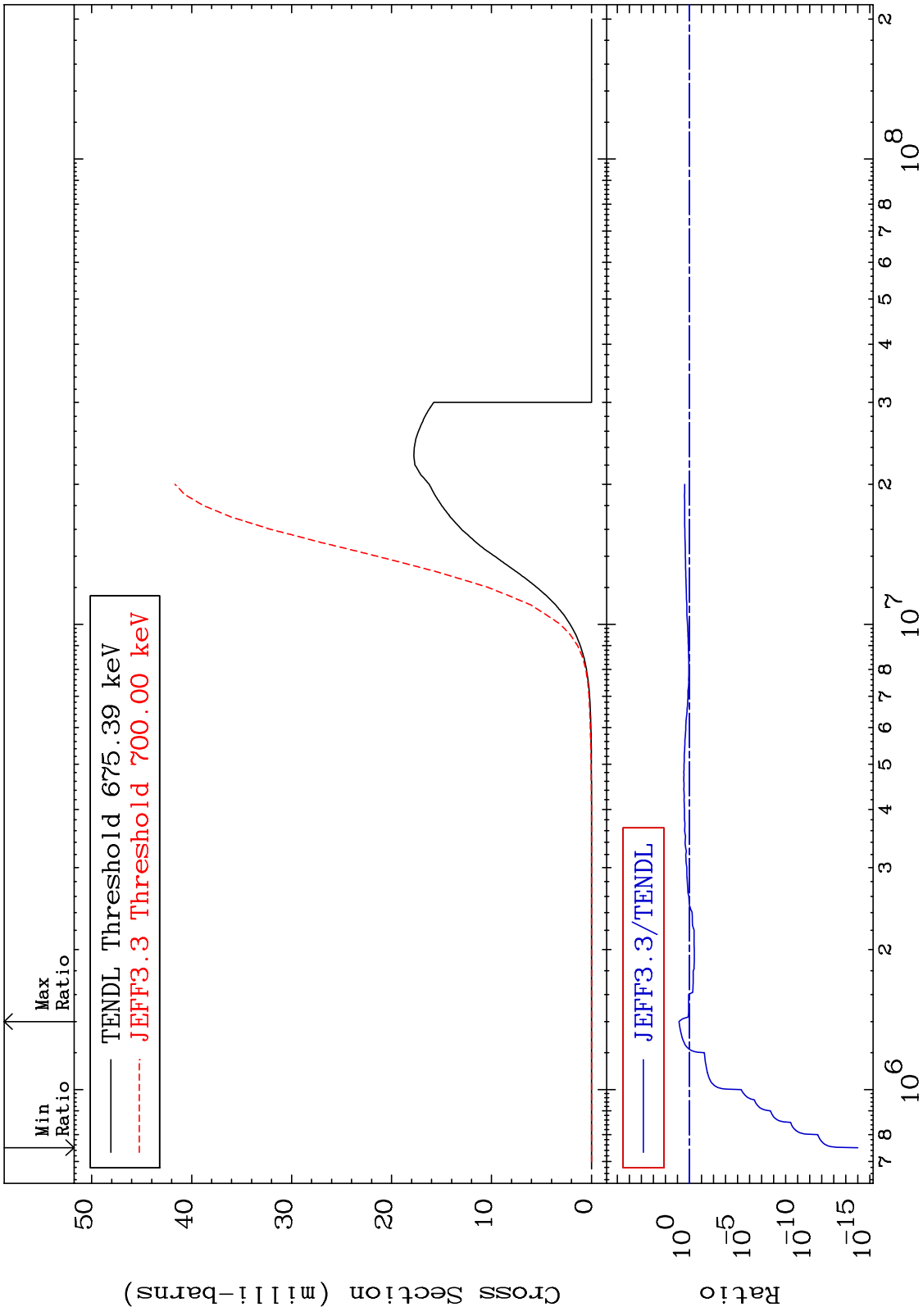
49-In-115

Cross Section

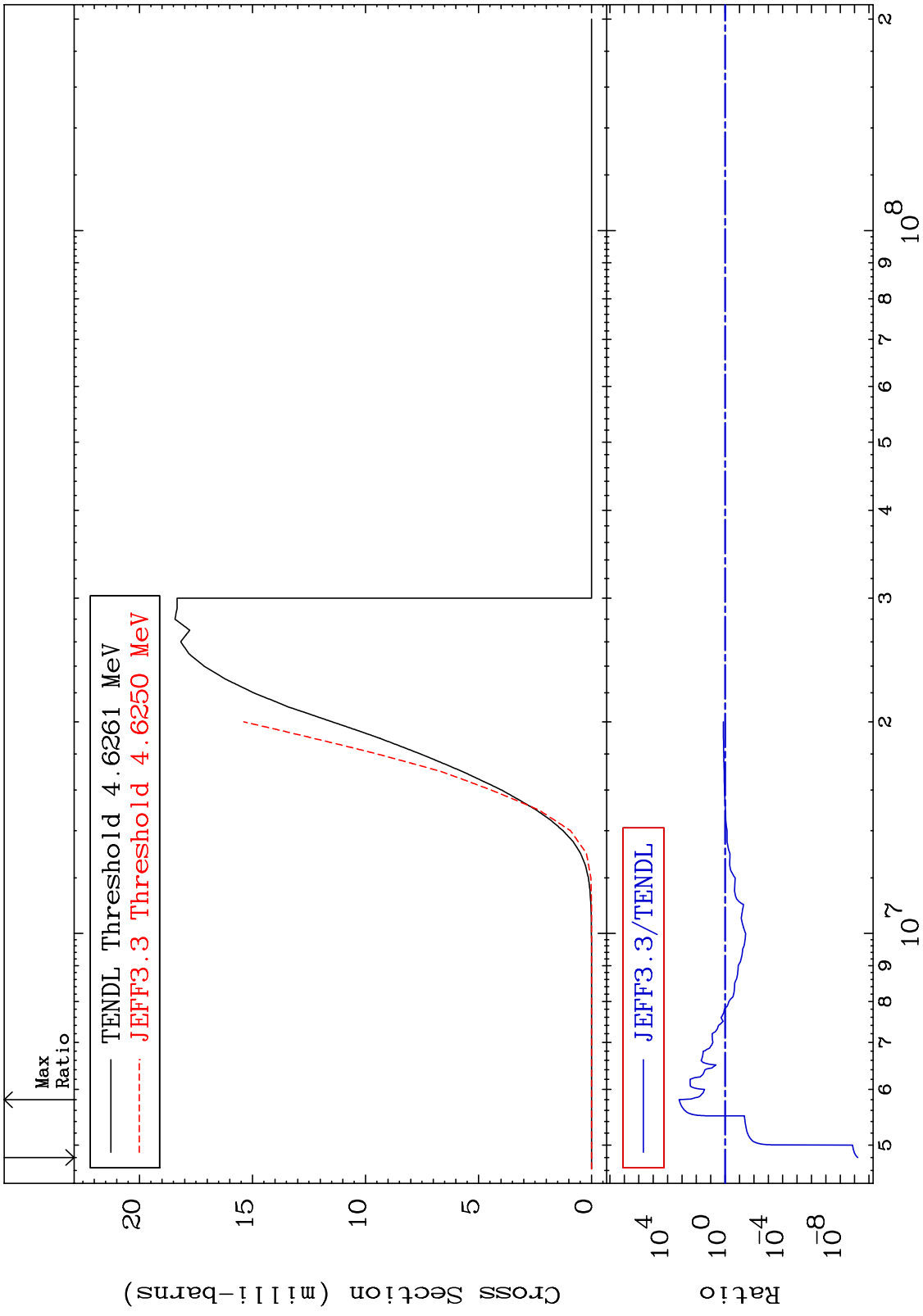
-99.07 To 9999. %



MAT 4931 (n,p) 49-In-115  
 Cross Section -100.0 To 644.1 %

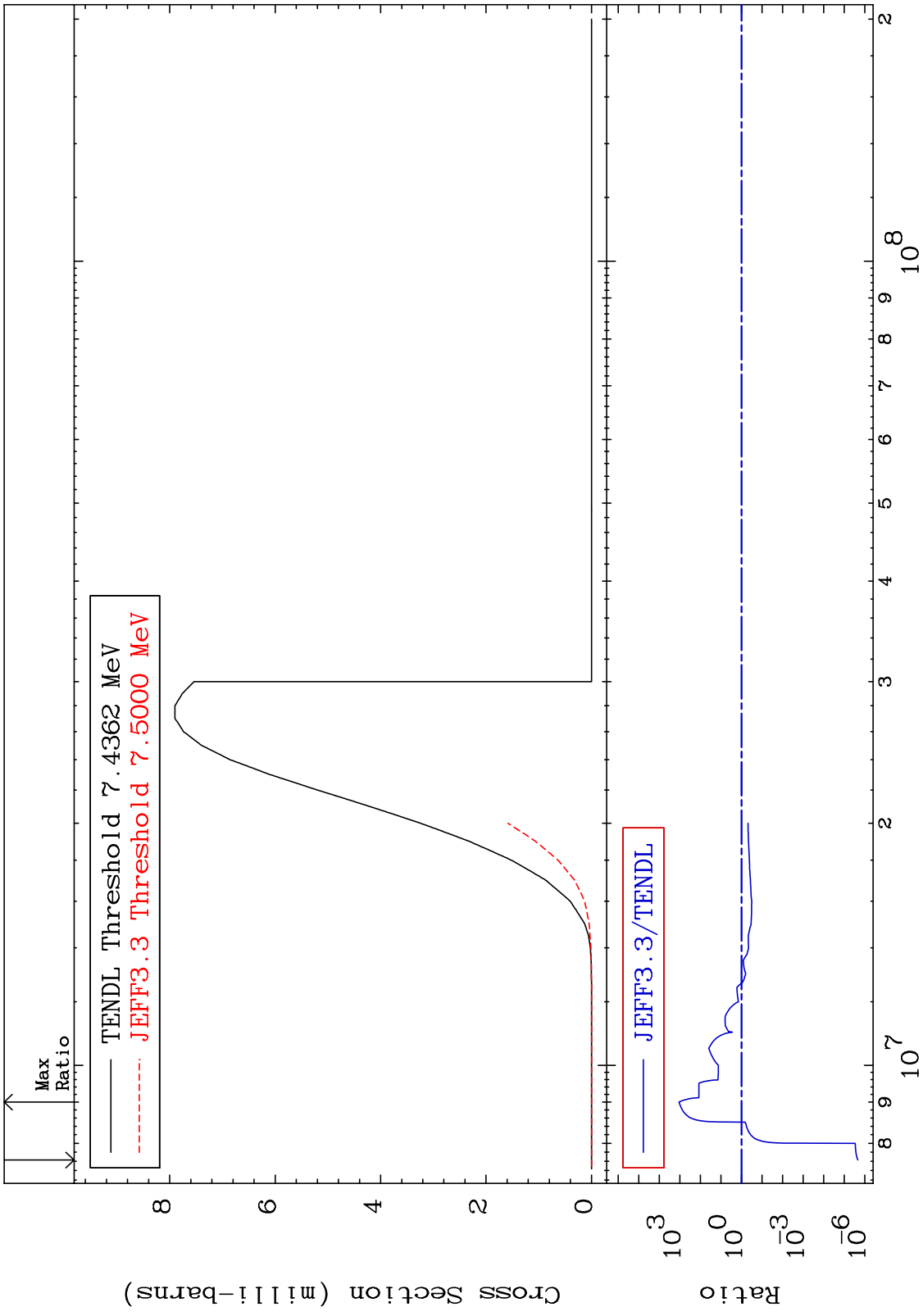


MAT 4931 (n,d) 49-In-115  
 Cross Section -100.0 To 9999. %



30 Incident Energy (eV) 49-In-115

MAT 4931 (n,t) 49-In-115  
 Cross Section -100.0 To 9999. %





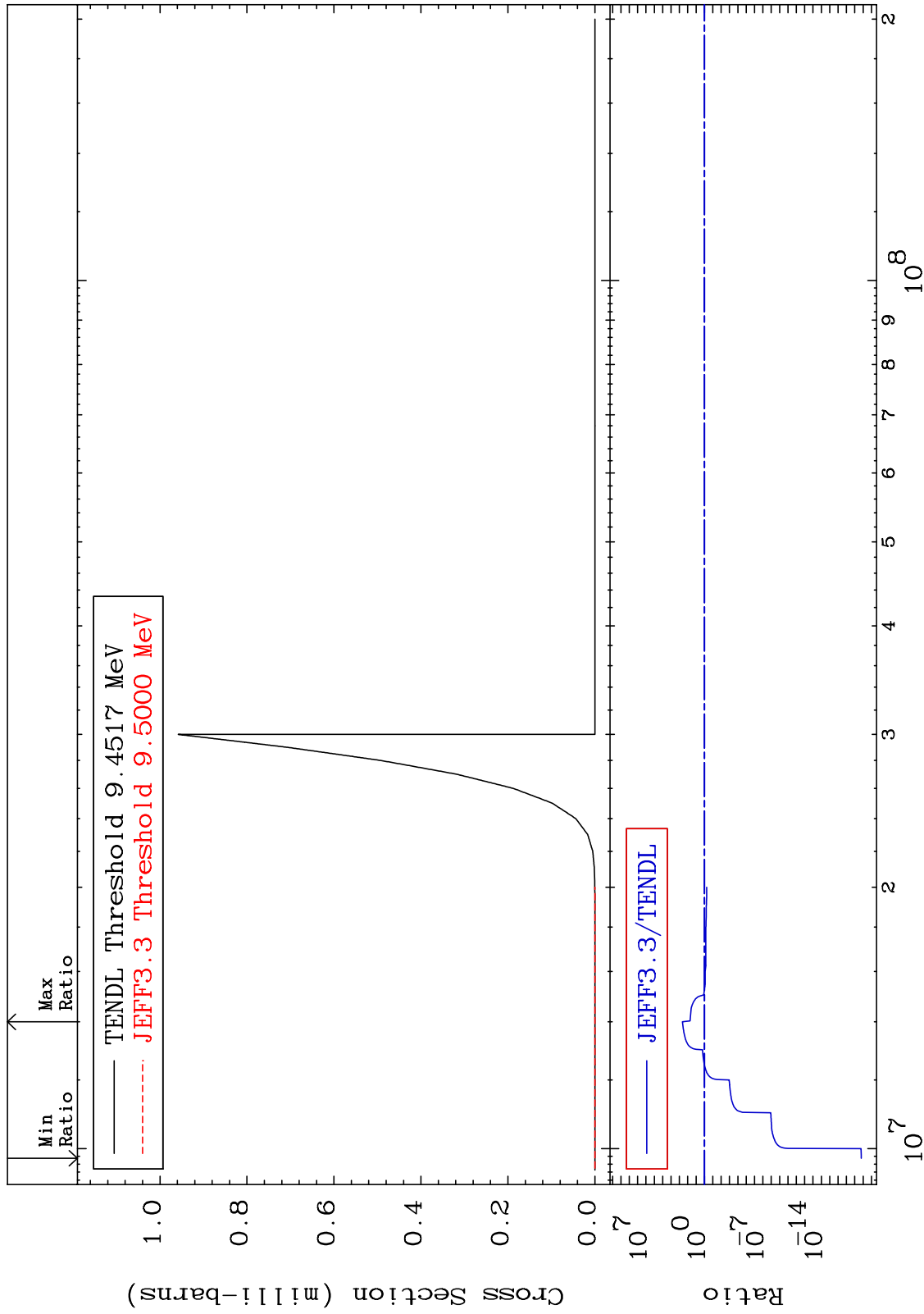
MAT 4931

(n,He-3)

49-In-115

Cross Section

-100.0 To 9999. %



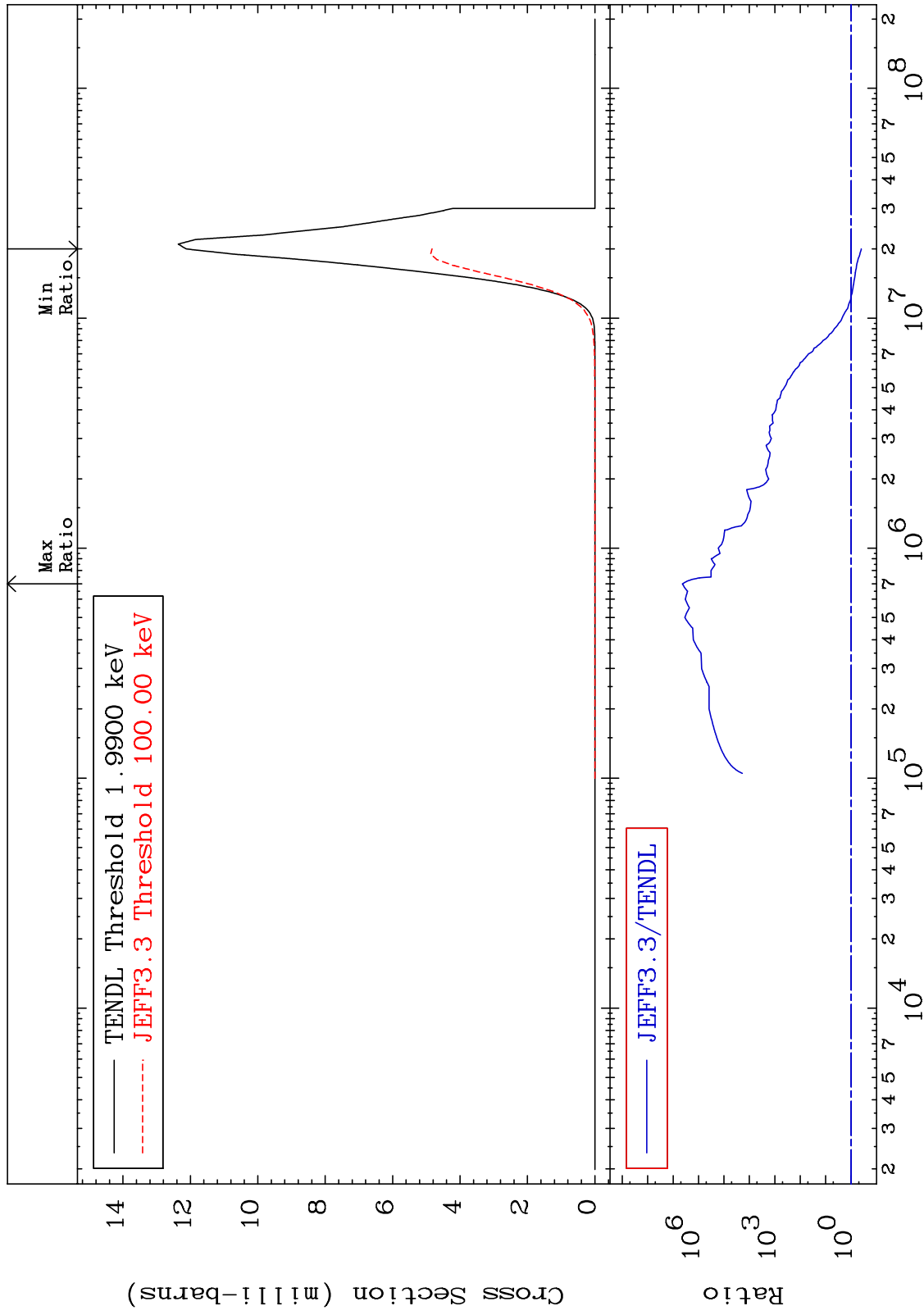
32

Incident Energy (eV)

49-In-115

MAT 4931

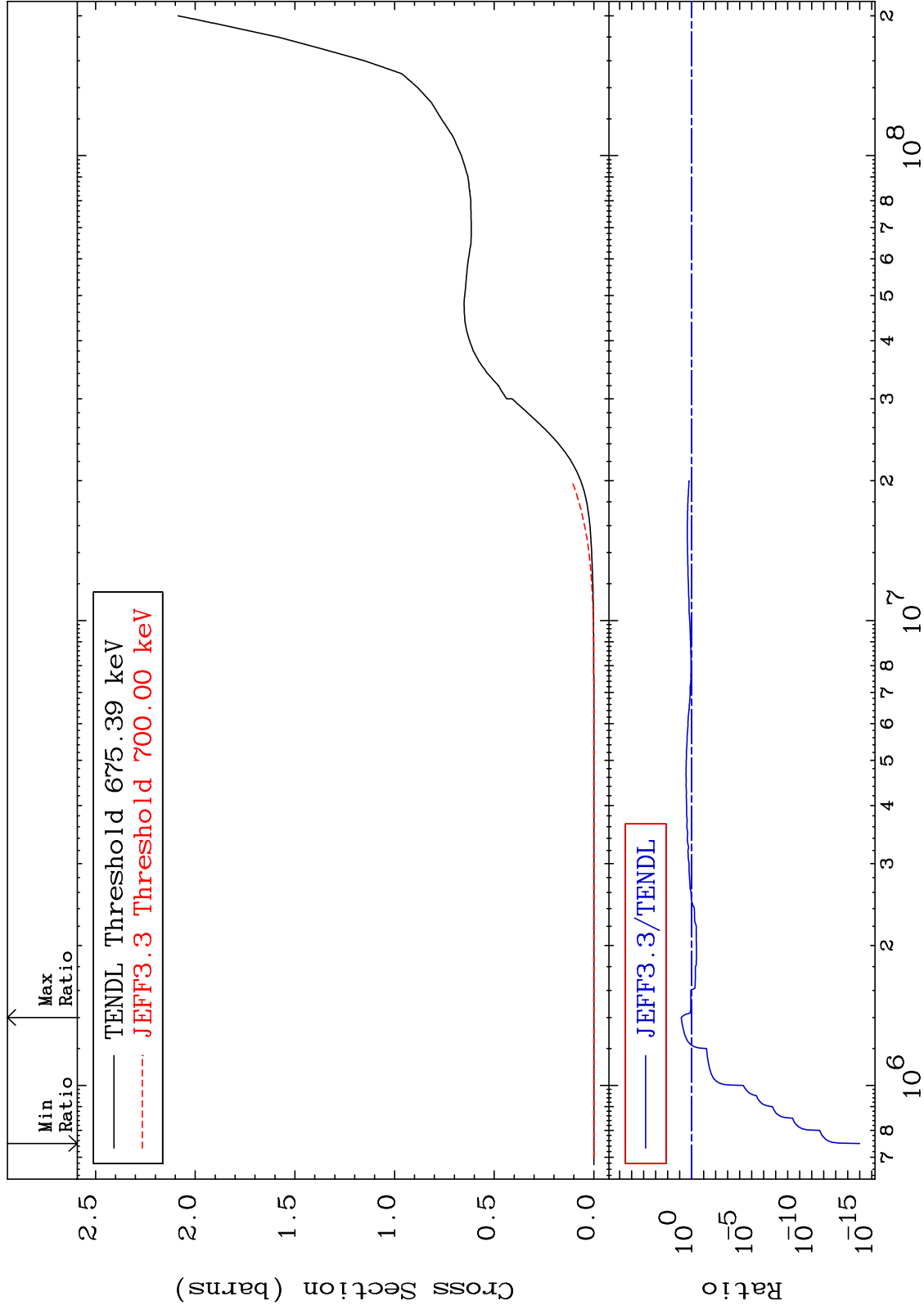
(n,  $\alpha$ ) Cross Section  
49-In-115  
-60.16 To 9999. %



MAT 4931

Hydrogen Production  
Cross Section

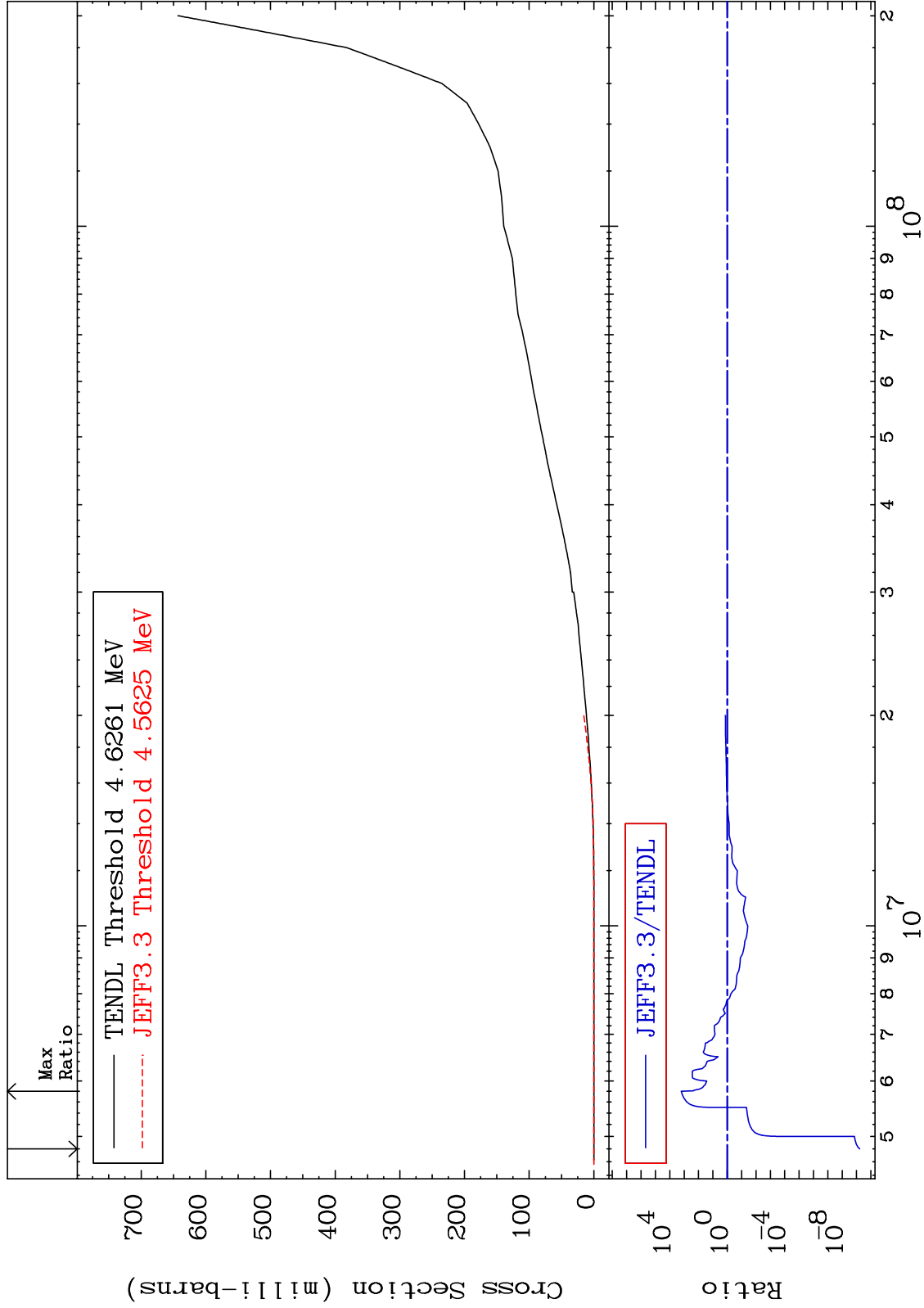
49-In-115  
-100.0 To 644.1 %



MAT 4931

Deuterium Production  
Cross Section

49-In-115  
-100.0 To 9999. %

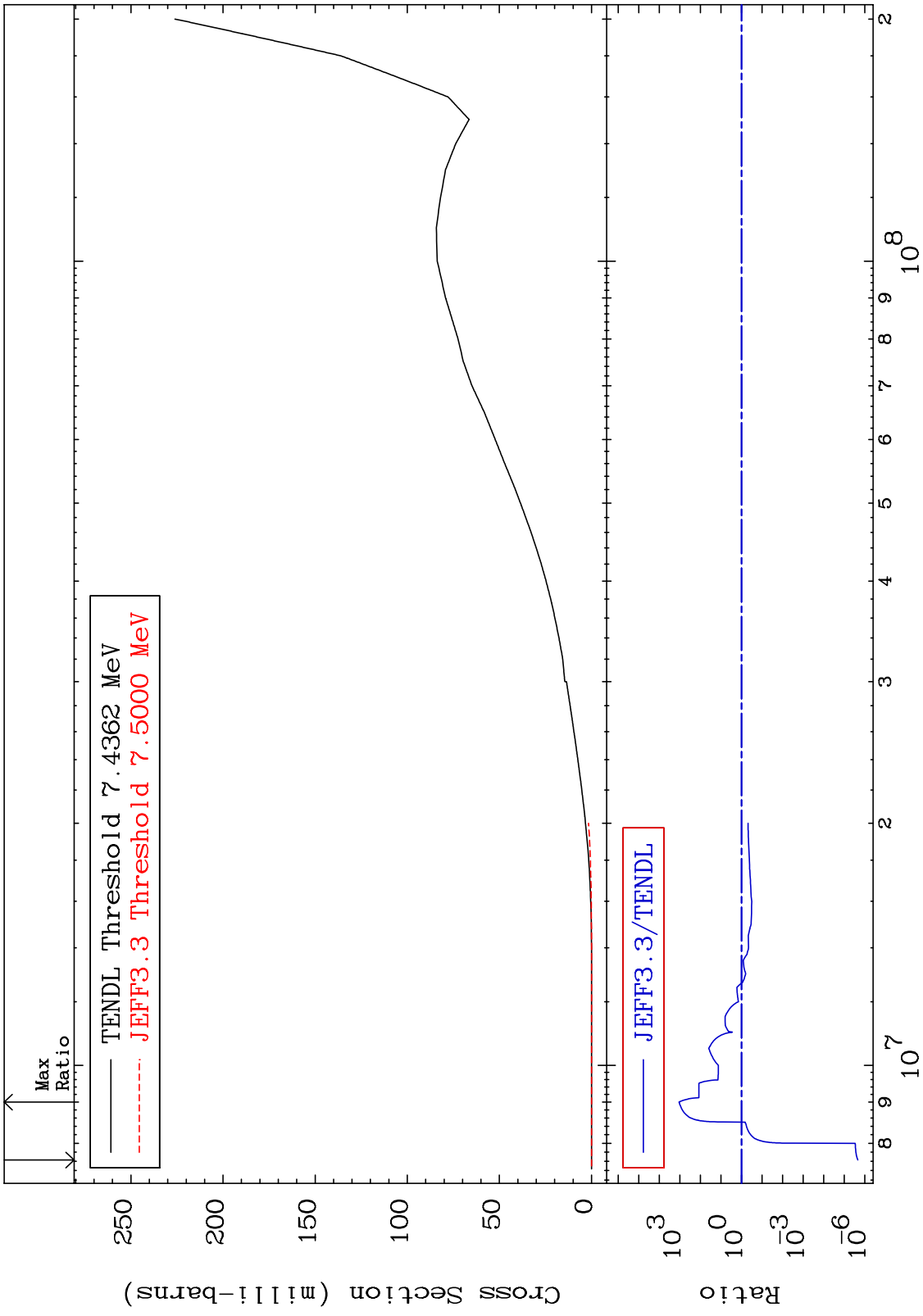


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Incident Energy (eV)

49-In-115

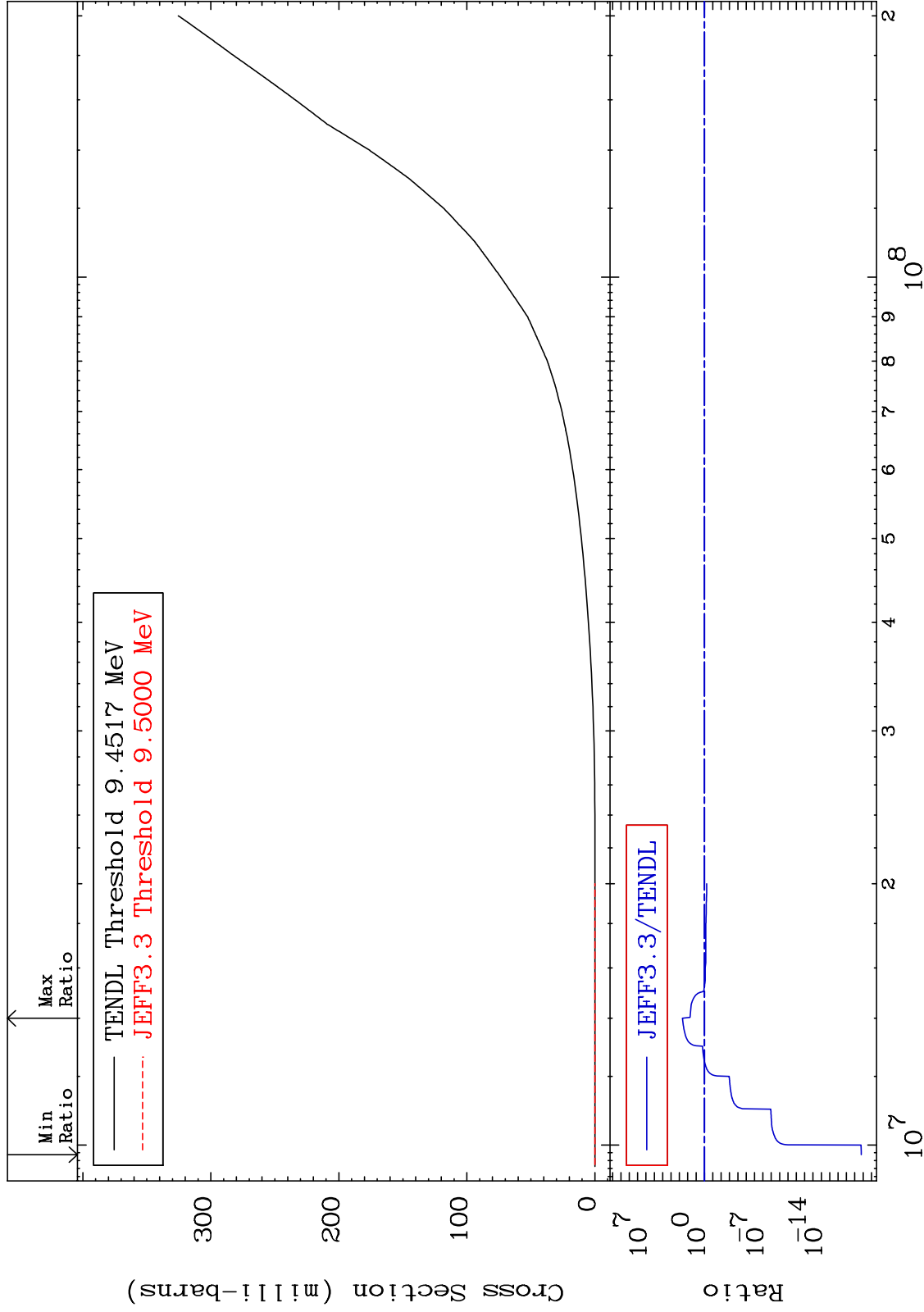
MAT 4931 Tritium Production Cross Section 49-In-115 -100.0 To 9999. %



MAT 4931

He-3 Production  
Cross Section

49-In-115  
-100.0 To 9999. %



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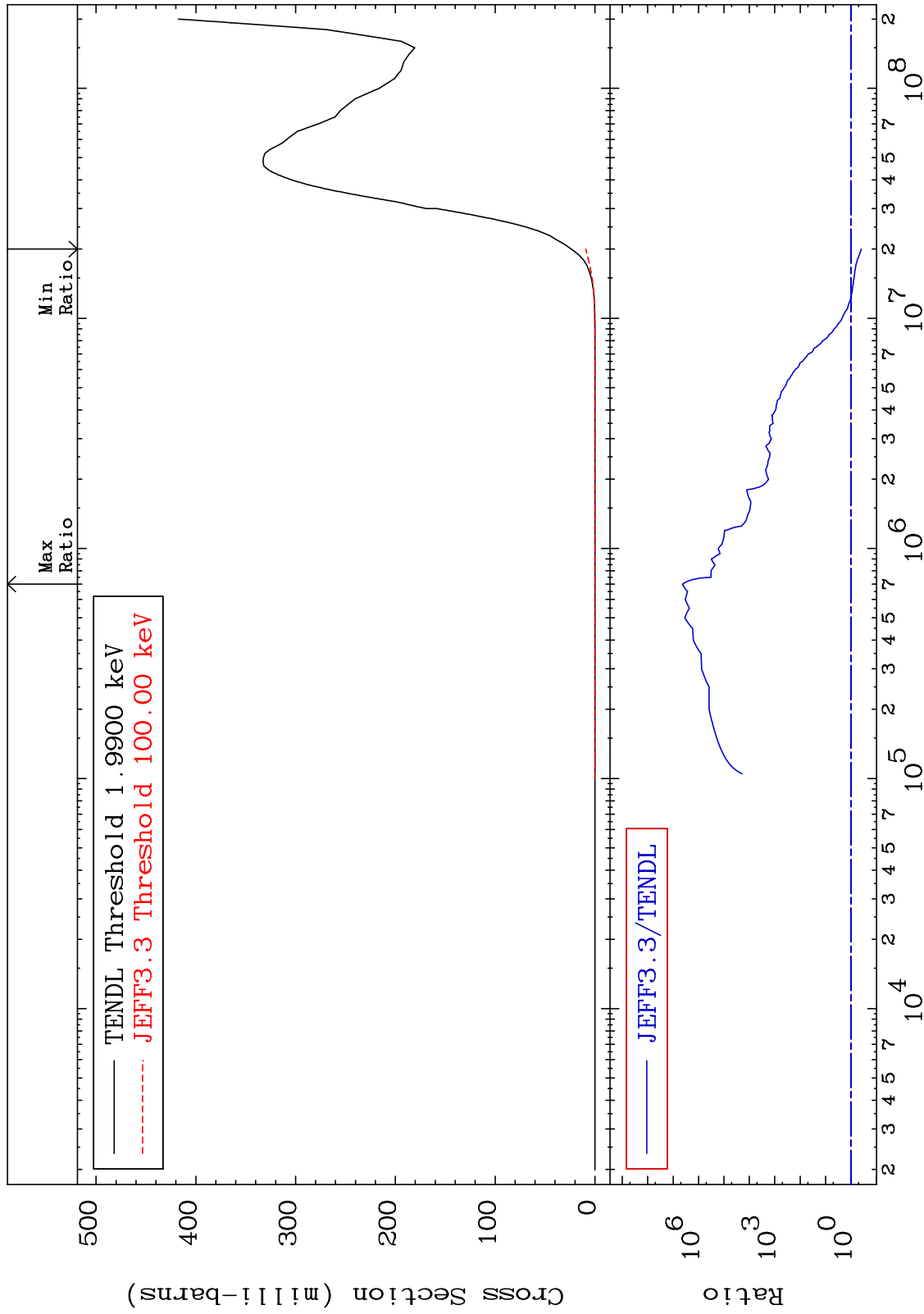
Incident Energy (eV)

49-In-115

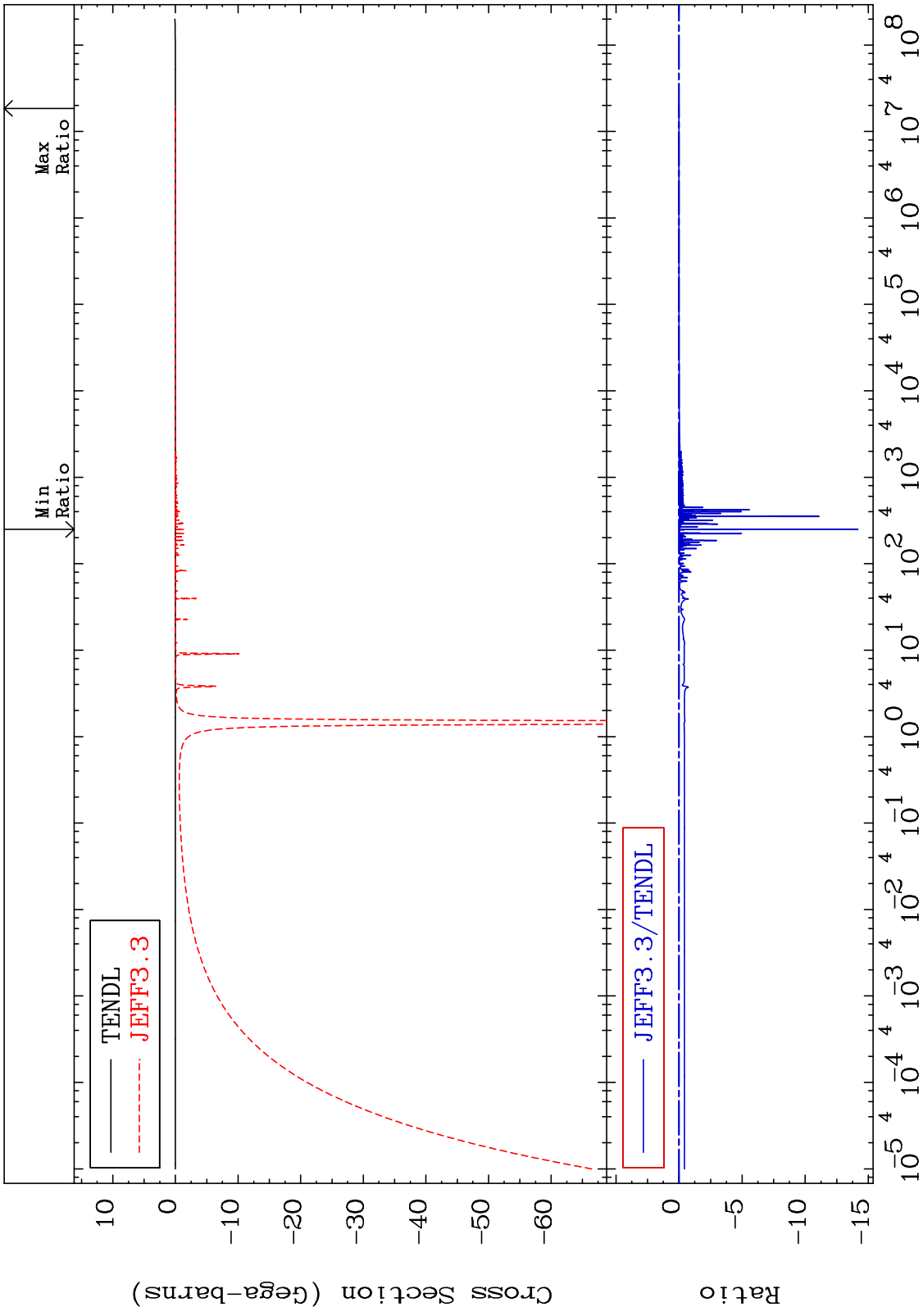
MAT 4931

He-4 Production  
Cross Section

49-In-115  
-60.82 To 9999. %



MAT 4931 Kerma total (eV-barns) 49-In-115  
 Cross Section -9999. To -5.776%

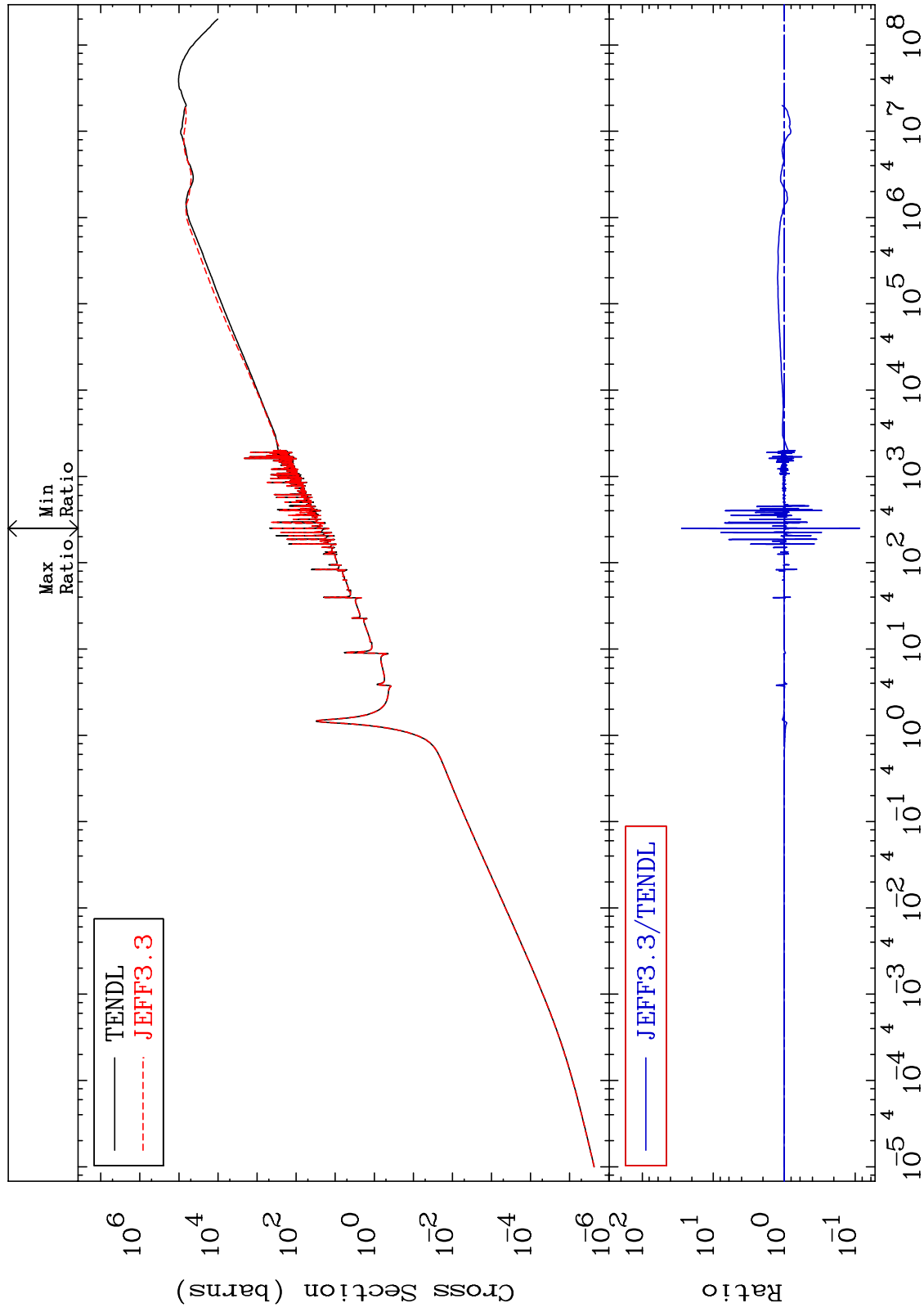




MAT 4931

Kerma elastic  
Cross Section

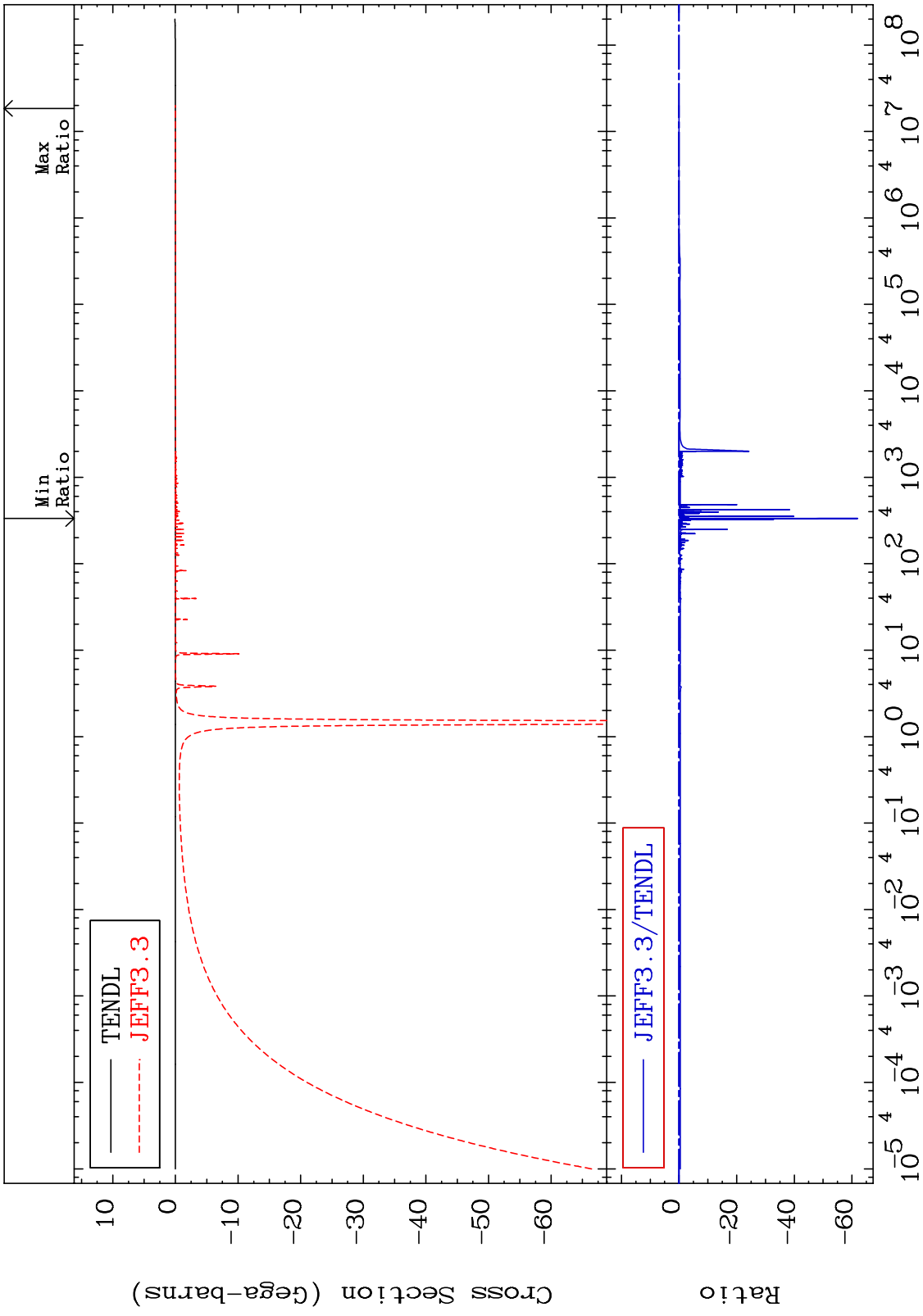
49-In-115  
-91.38 To 2708. %

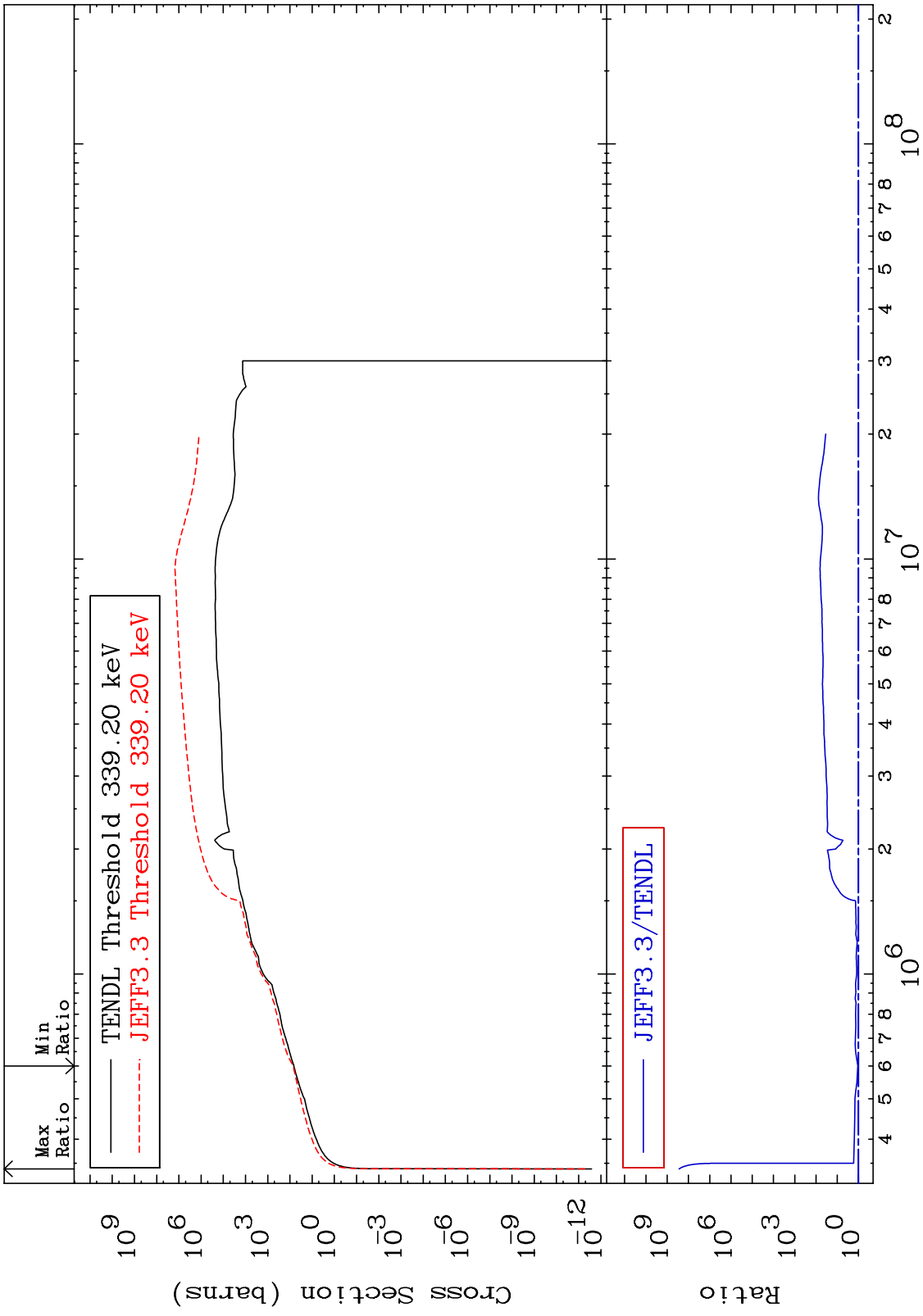


40

49-In-115

MAT 4931 Kerma non-elastic (all but mt2) 49-In-115  
 Cross Section -9999. To -5.906%

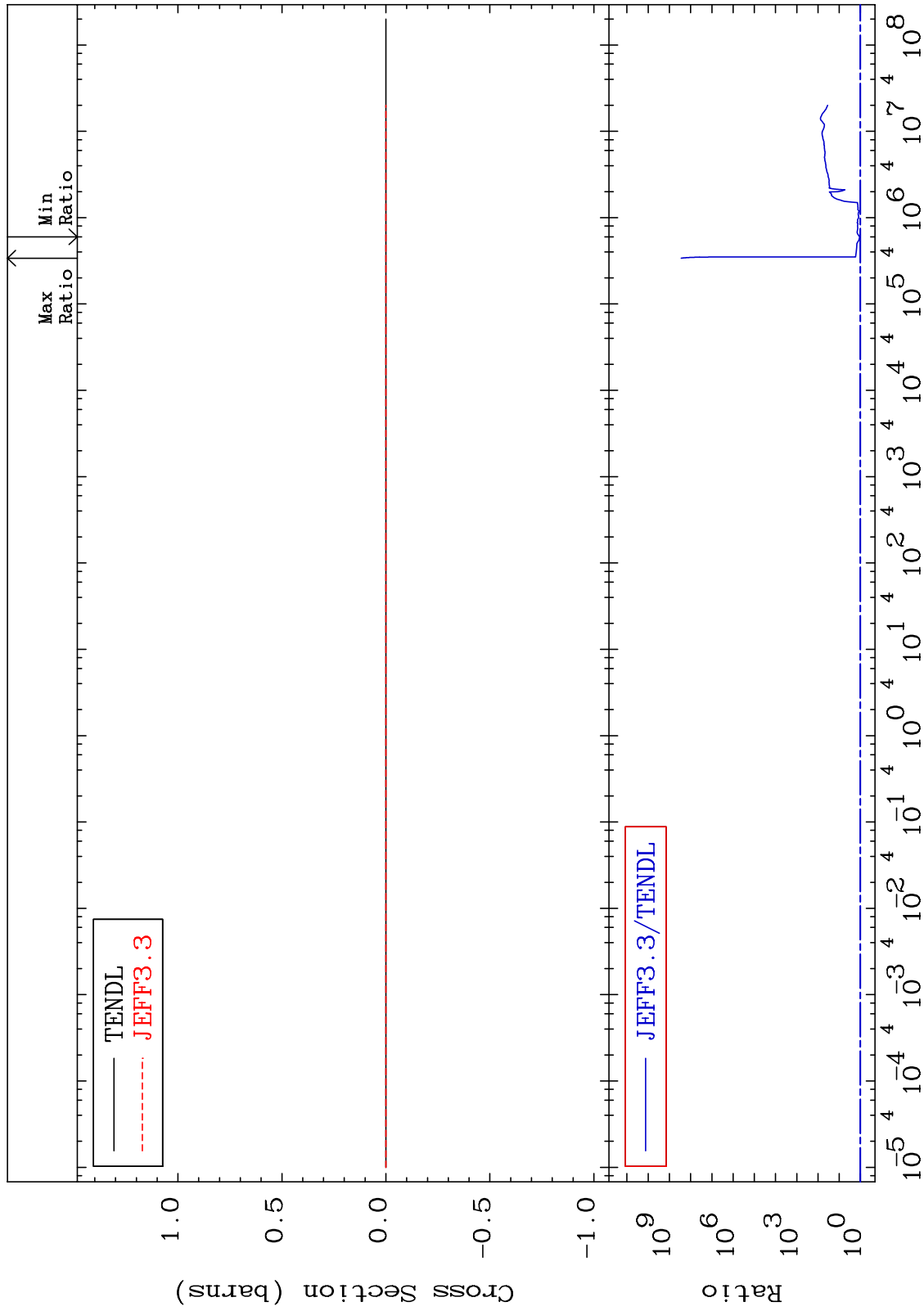




MAT 4931

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

49-In-115  
7.572 To 9999. %



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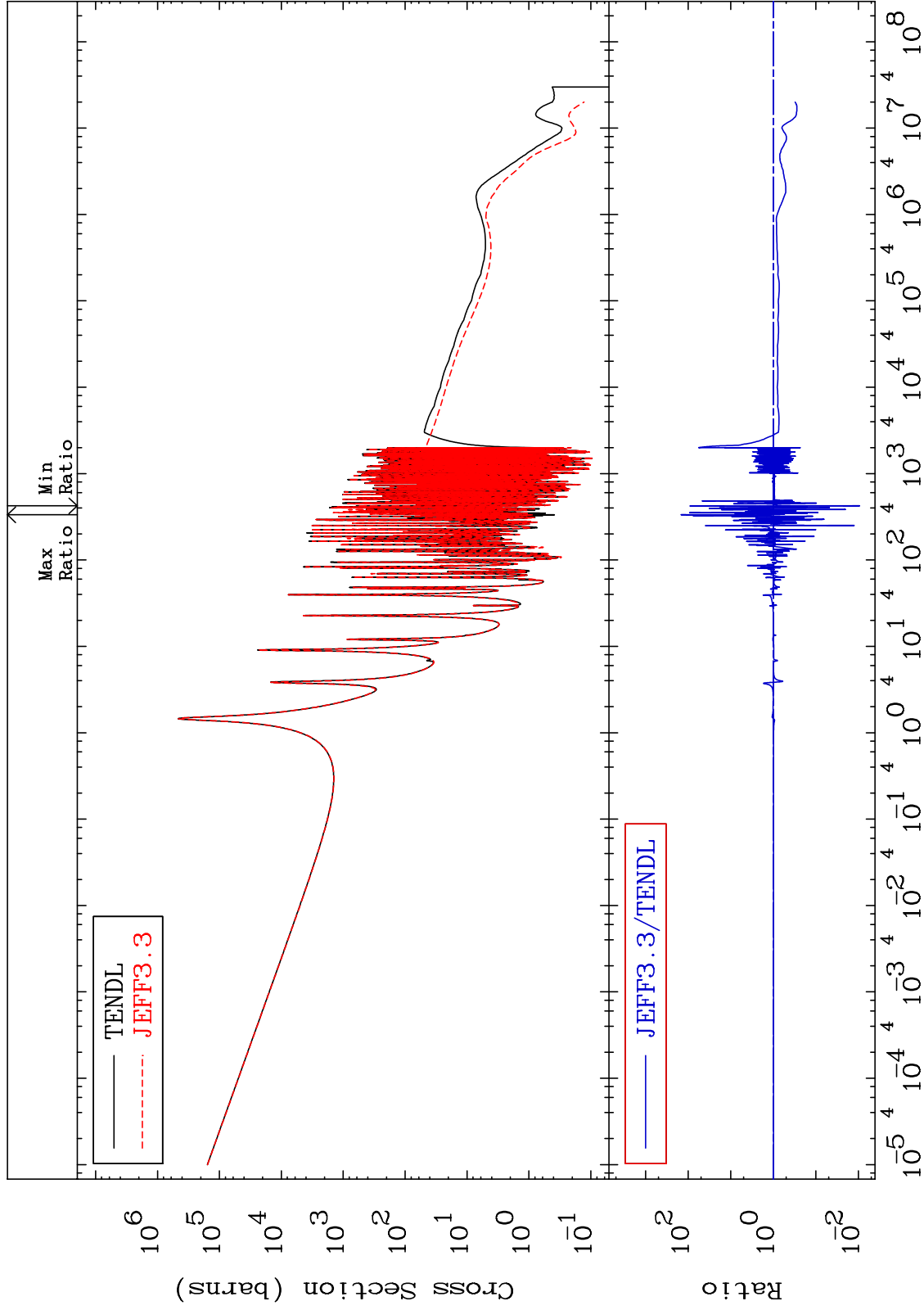
Incident Energy (eV)

49-In-115

MAT 4931

Kerma capture (mt102)  
Cross Section

49-In-115  
-99.07 To 9999. %



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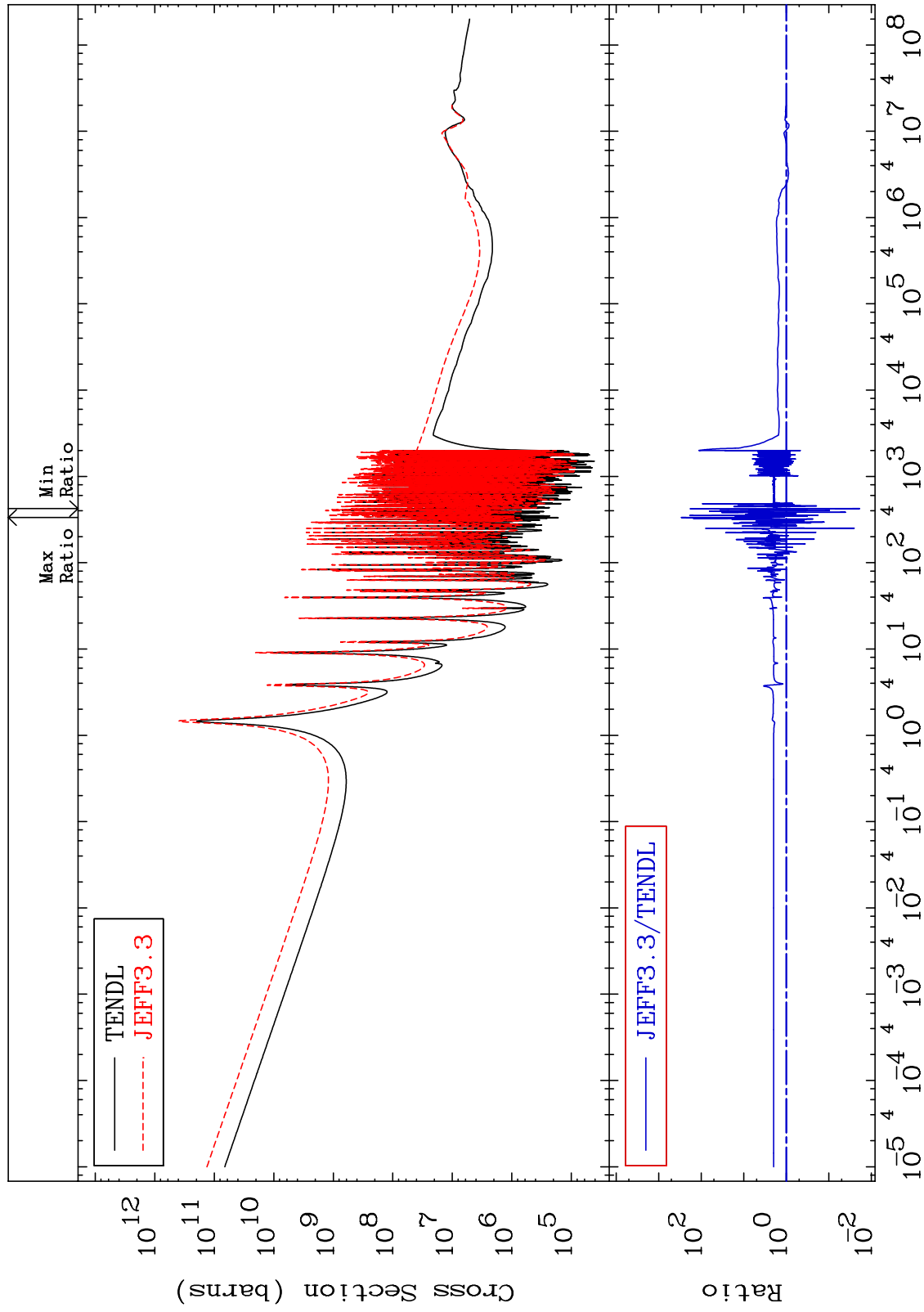
Incident Energy (eV)

49-In-115

MAT 4931

Total photon (eV-barns)  
Cross Section

49-In-115  
-98.14 To 9999. %

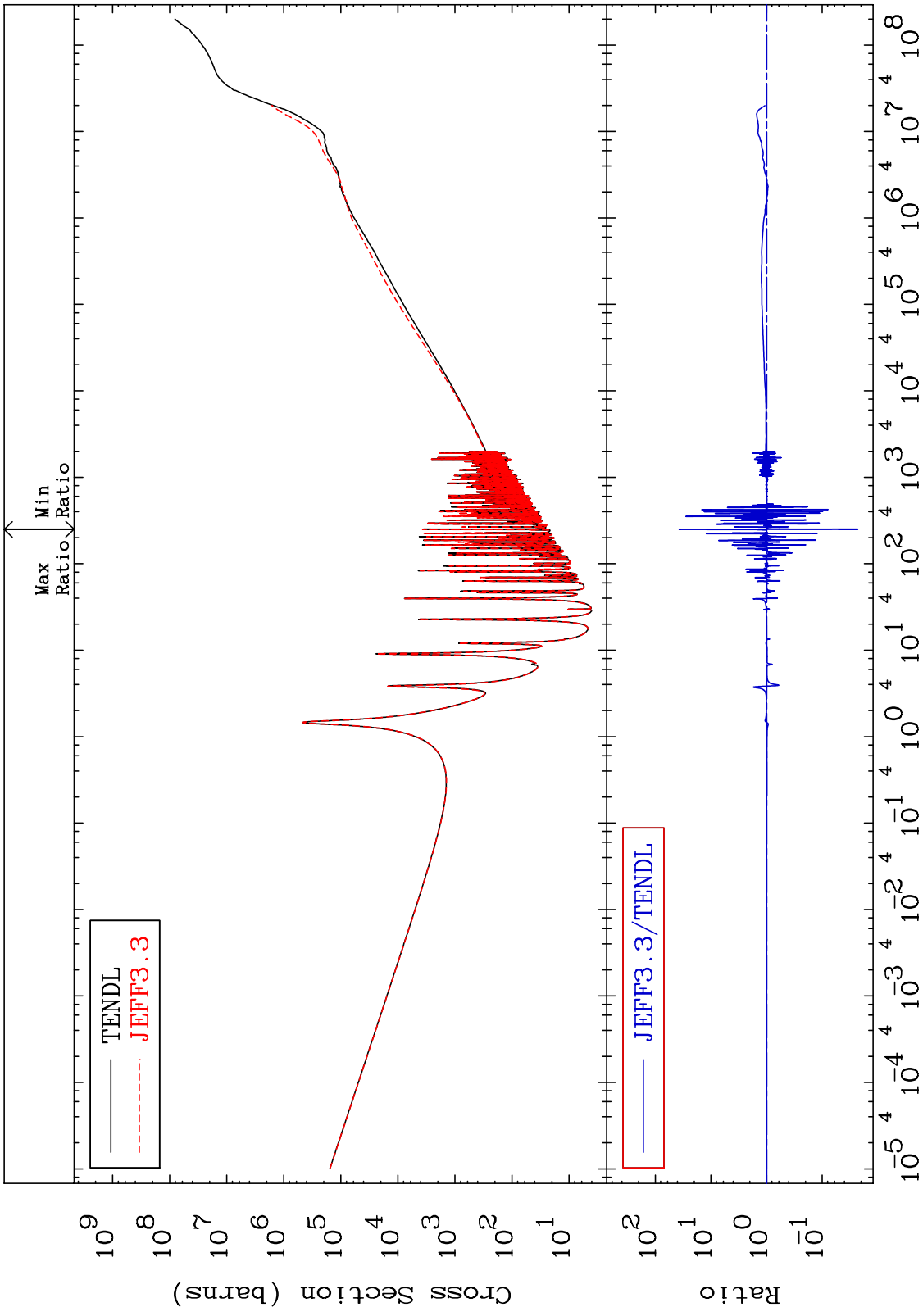


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Incident Energy (eV)

49-In-115

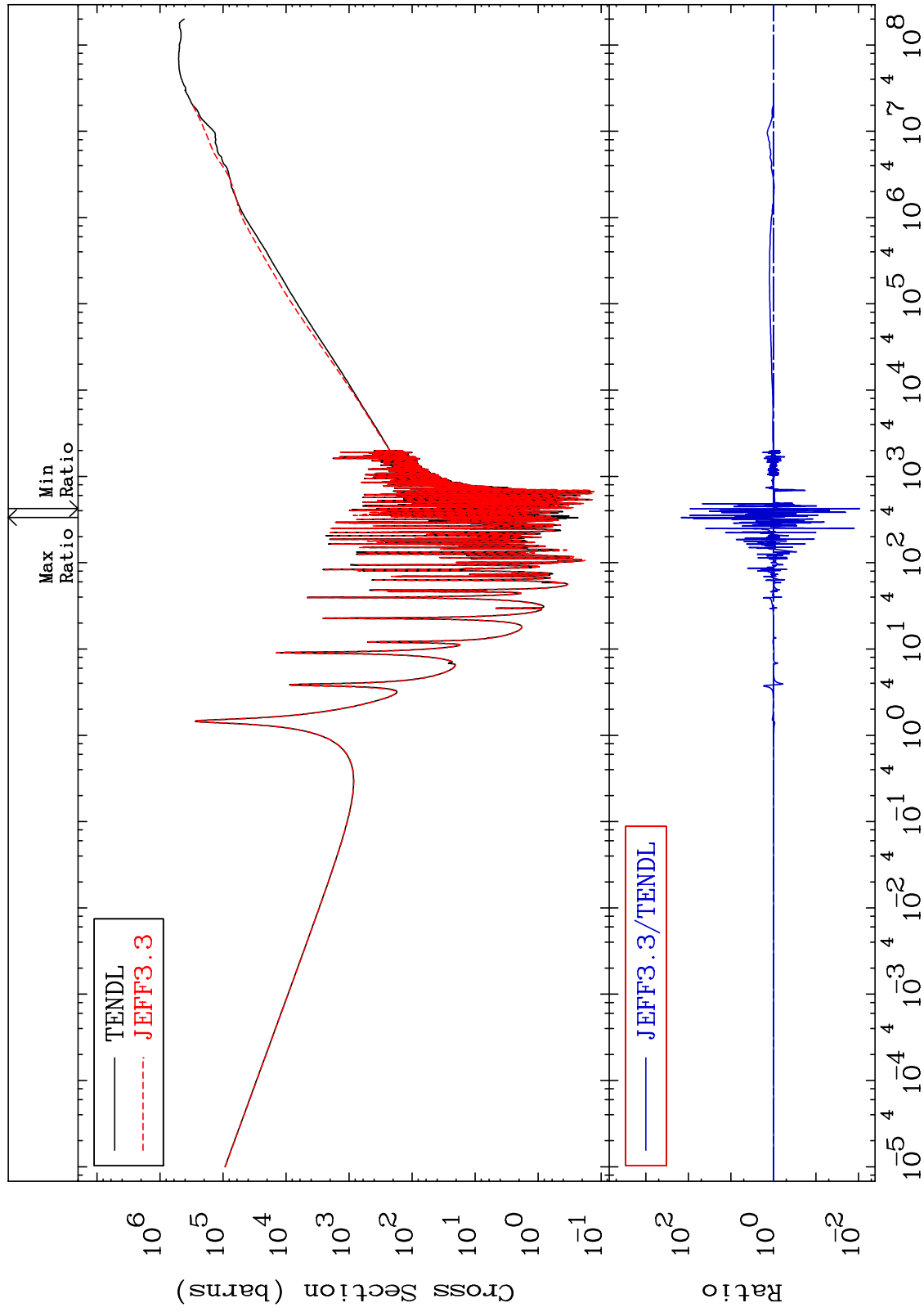
MAT 4931 Total kinematic kerma (high limit) 49-In-115  
 Cross Section -97.71 To 3647. %



MAT 4931

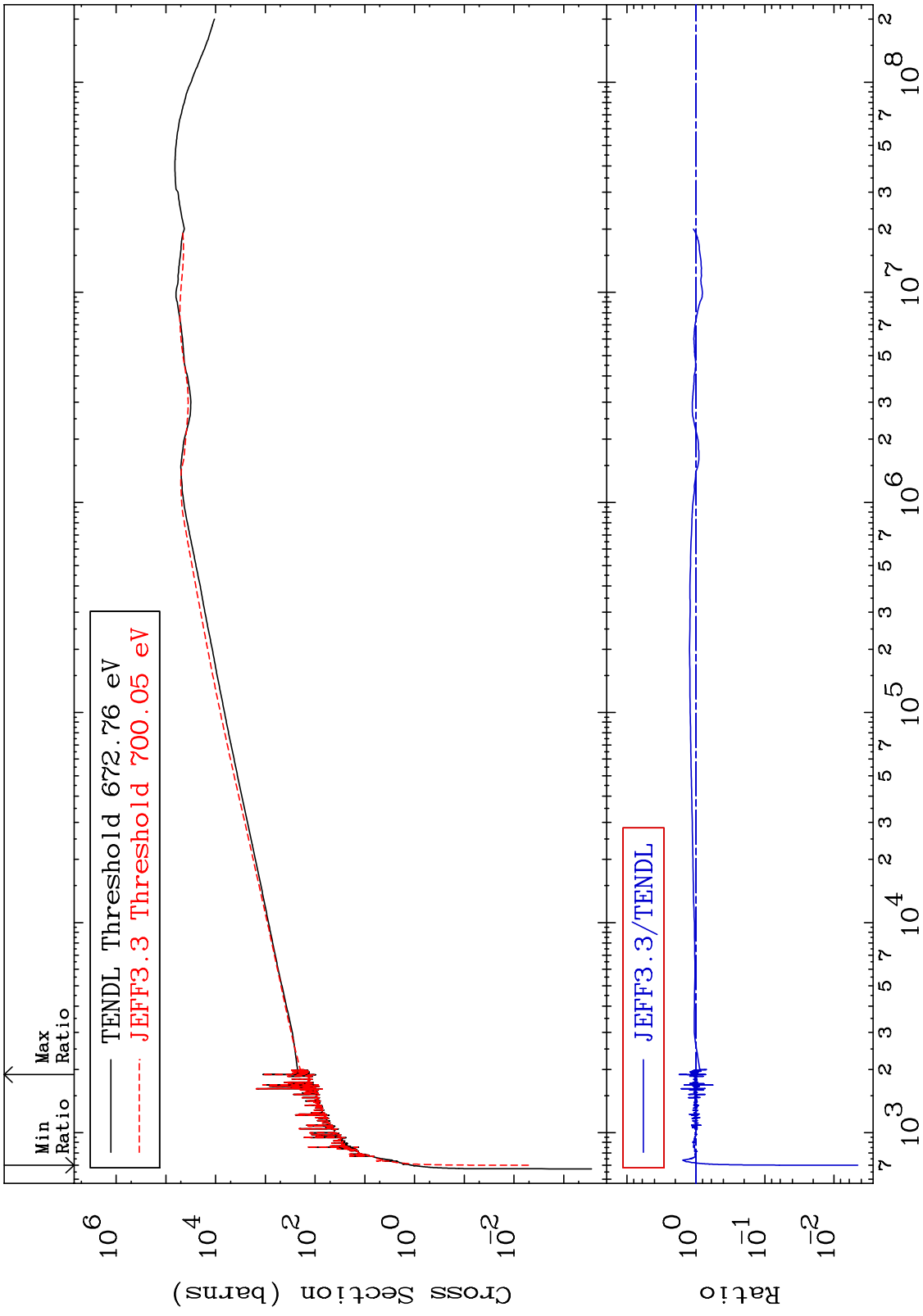
Dpa total (eV-barns)  
Cross Section

49-In-115  
-99.07 To 9999. %





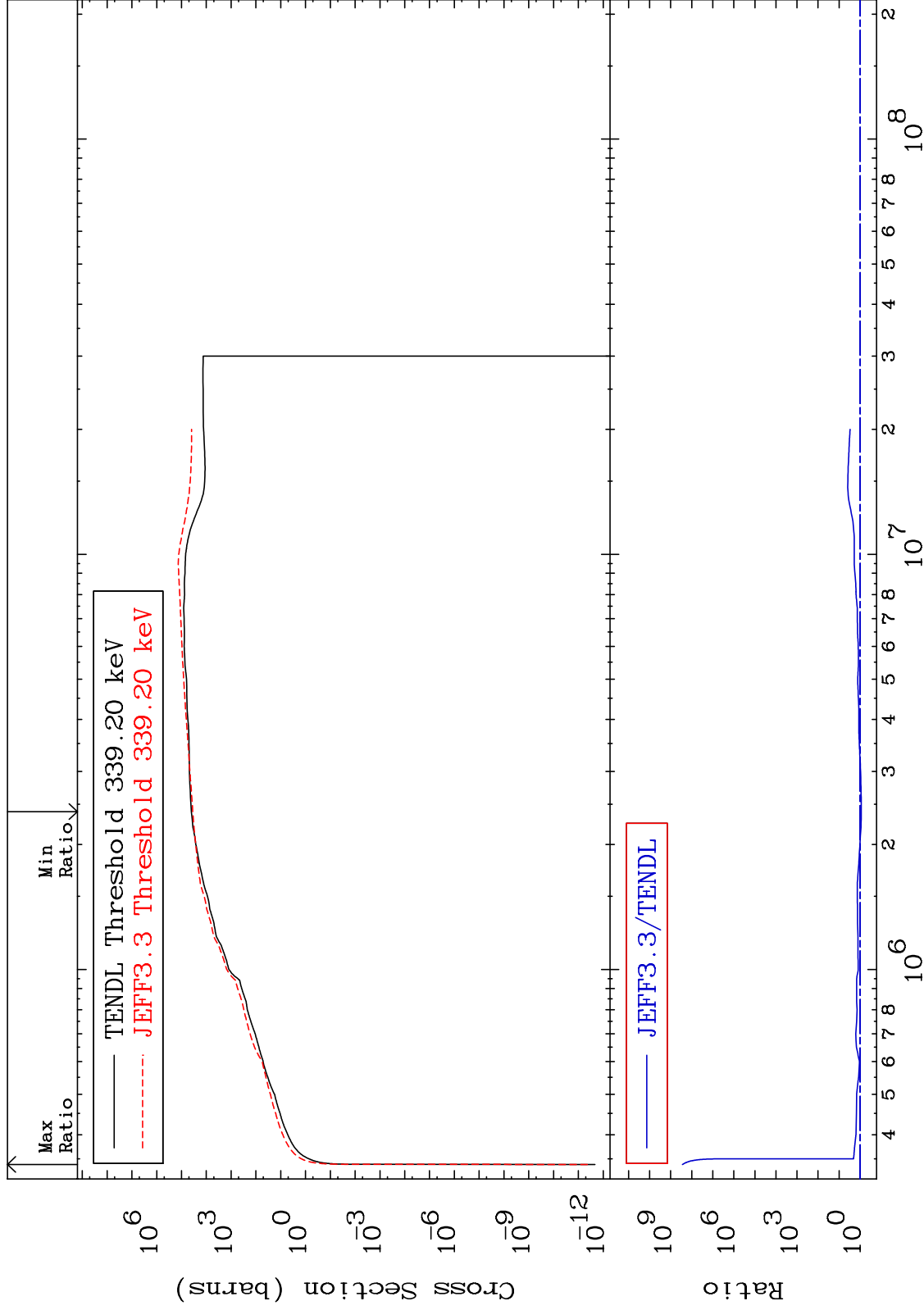
MAT 4931 49-In-115 -99.55 To 75.95 %  
Dpa elastic (mt2)  
Cross Section



MAT 4931

Dpa inelastic (mt51-91)  
Cross Section

49-In-115  
-11.77 To 9999. %



49

Incident Energy (eV)

49-In-115

MAT 4931

Dpa disappearance (mt102 -120)  
Cross Section

49-In-115  
-99.07 To 9999. %

