

Program Complot  
(Version 2018-1)

by

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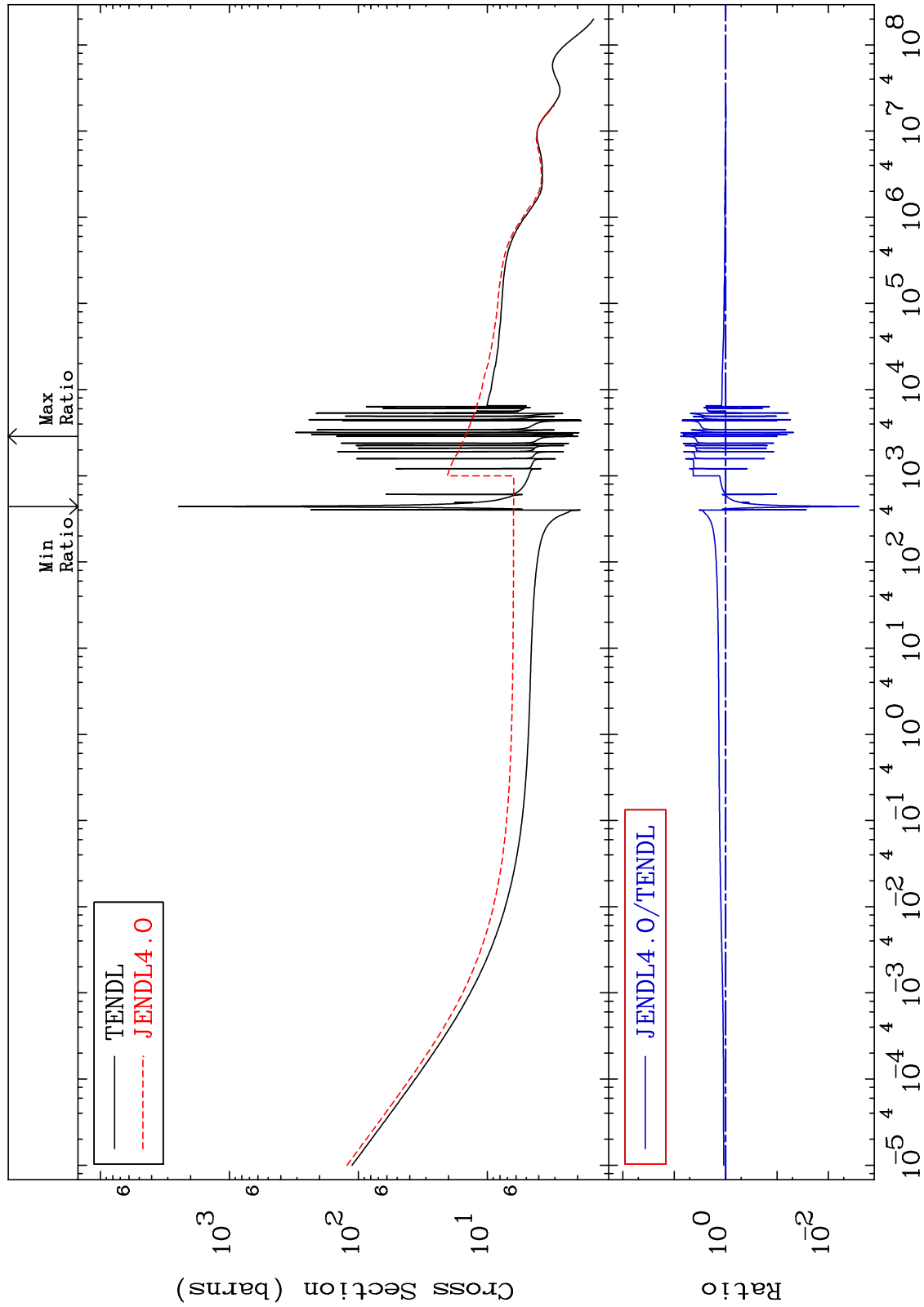
U.S.A.

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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

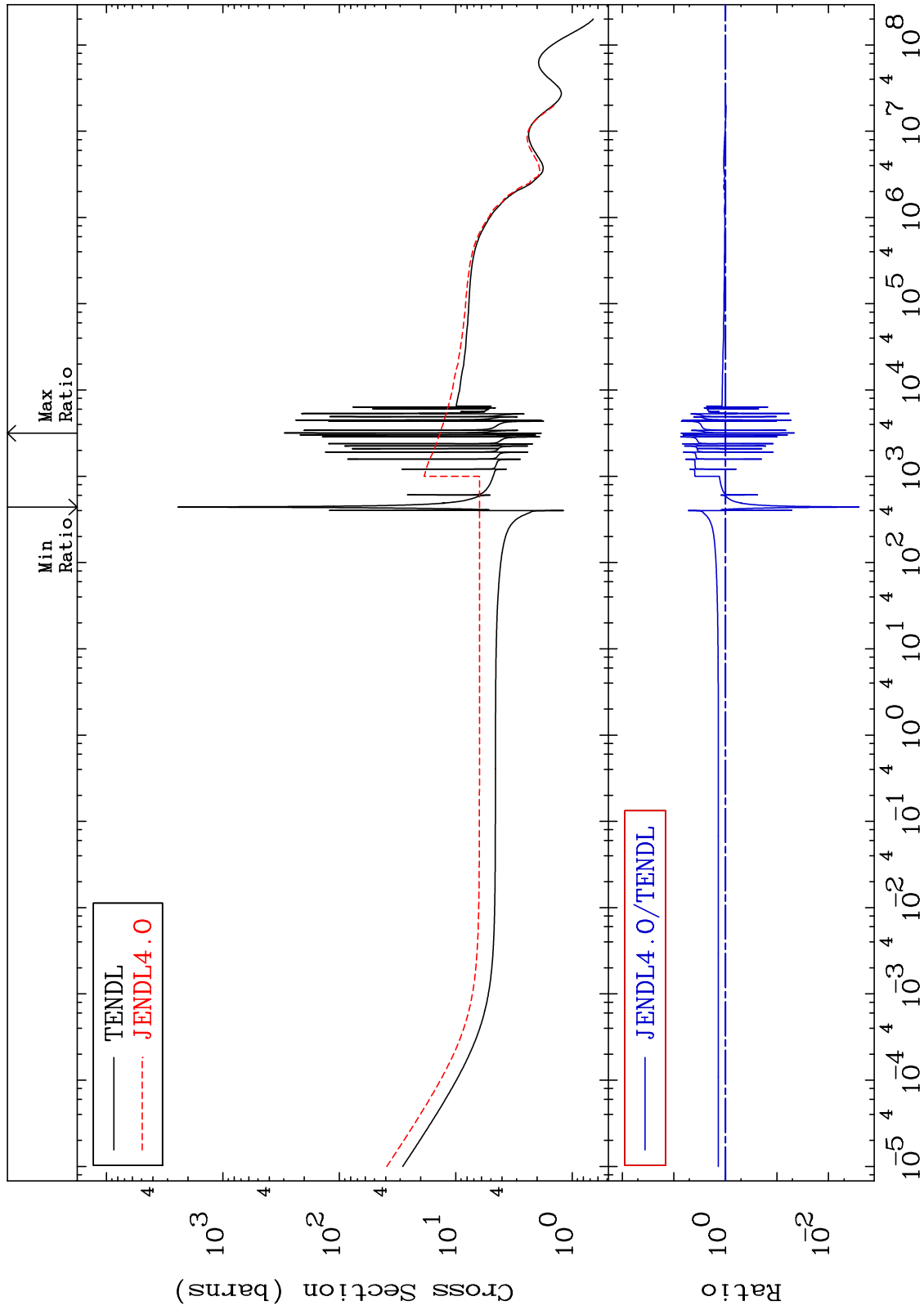
Press Mouse Button to Start

MAT 3646 Total Cross Section 36-Kr-85 -99.75 To 645.3 %



1 Incident Energy (eV) 36-Kr-85

MAT 3646 Elastic Cross Section 36-Kr-85 -99.74 To 638.3 %

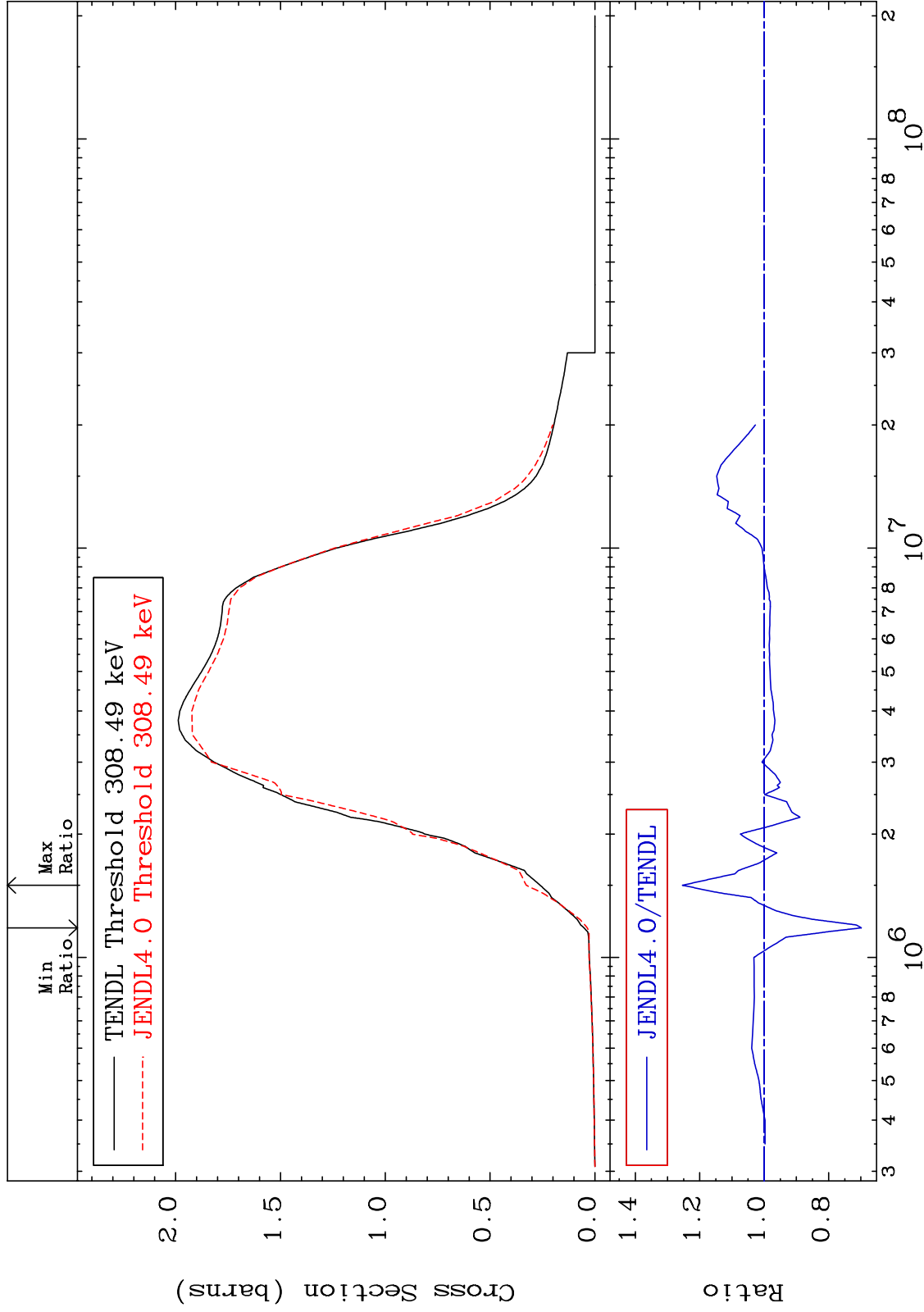


2 36-Kr-85

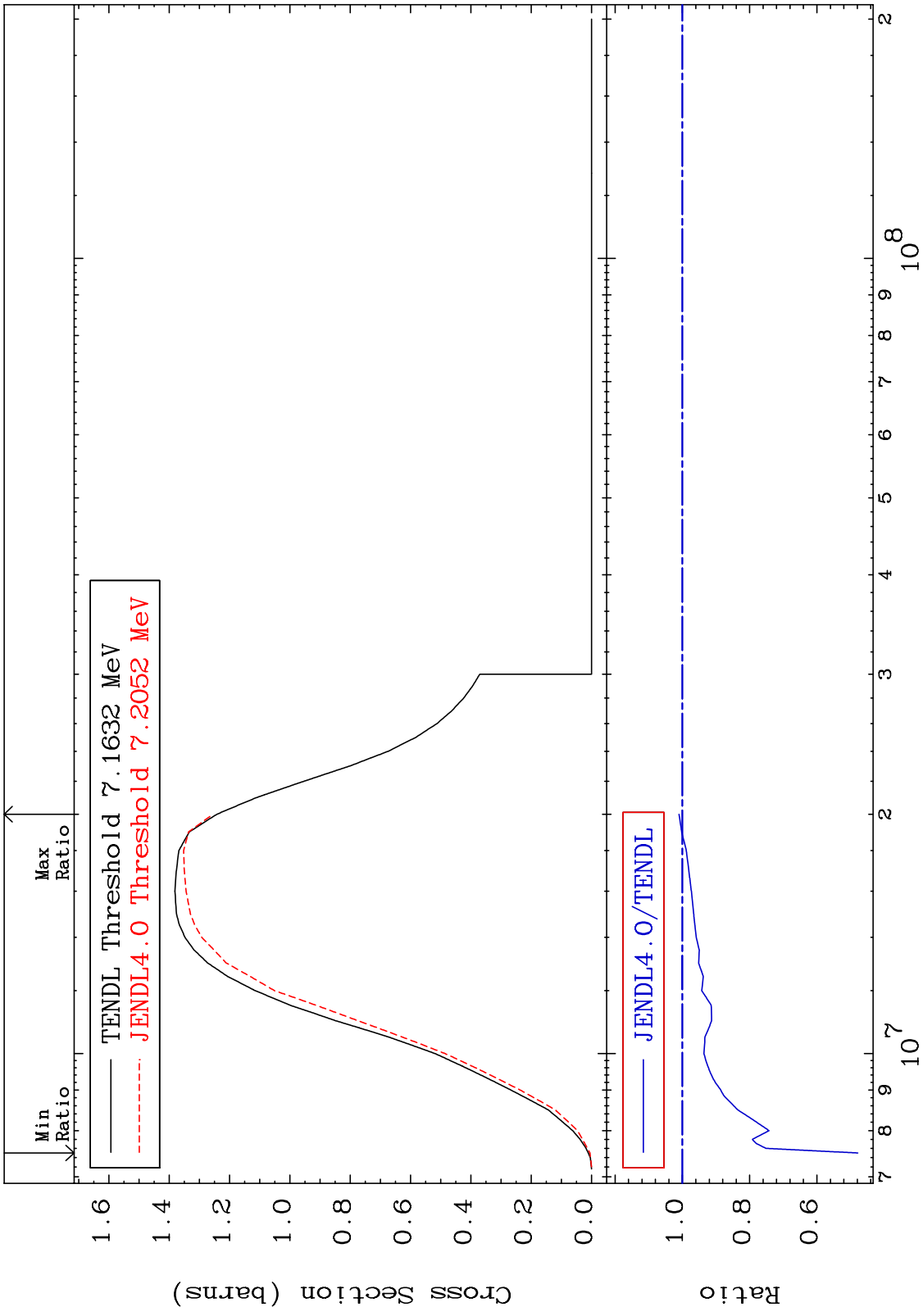
MAT 3646

Inelastic  
Cross Section

36-Kr-85  
-30.14 To 25.37 %

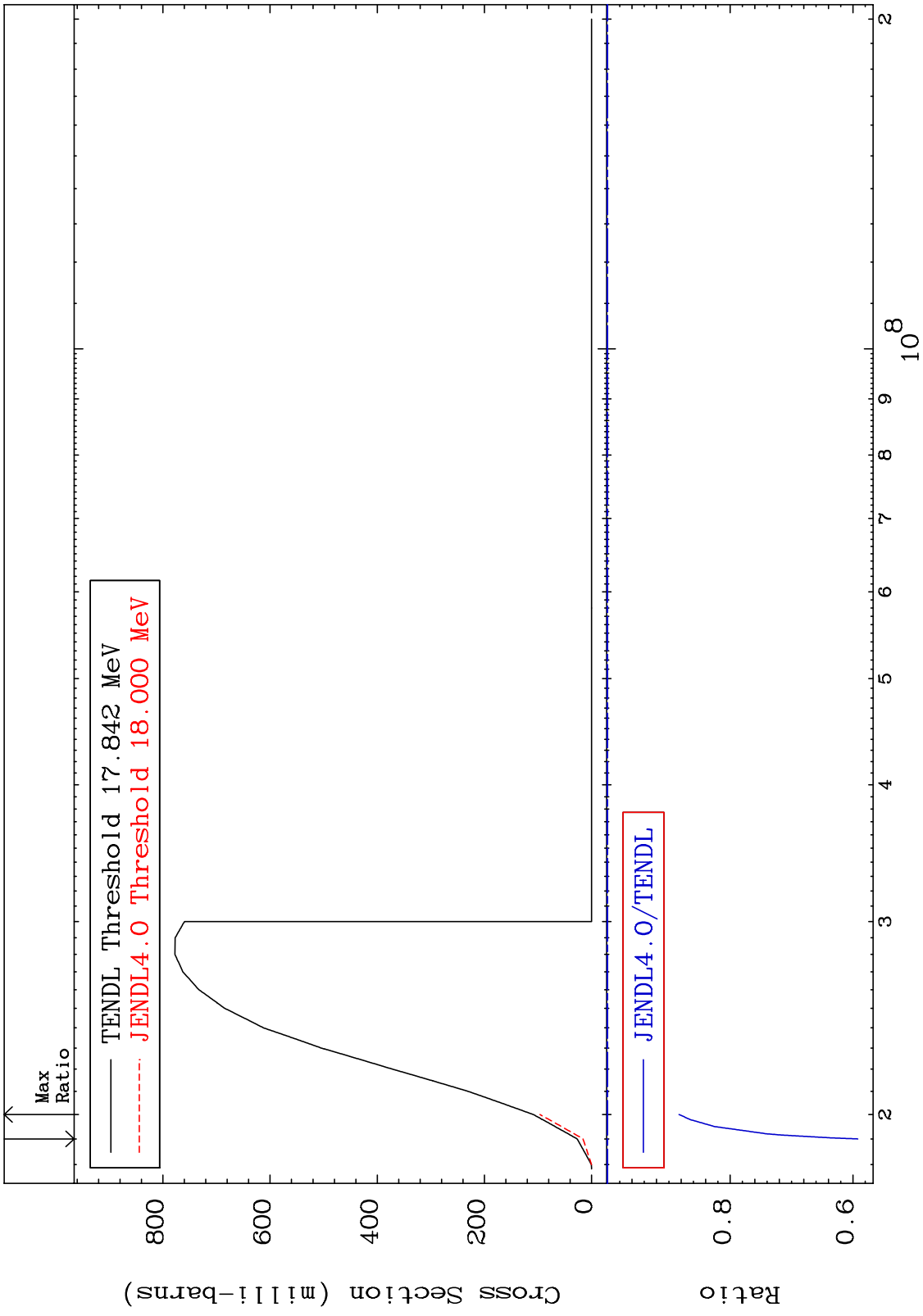


MAT 3646  $(n, 2n)$  Cross Section  $^{36}\text{Kr-85}$   
 -52.16 To 0.982 %

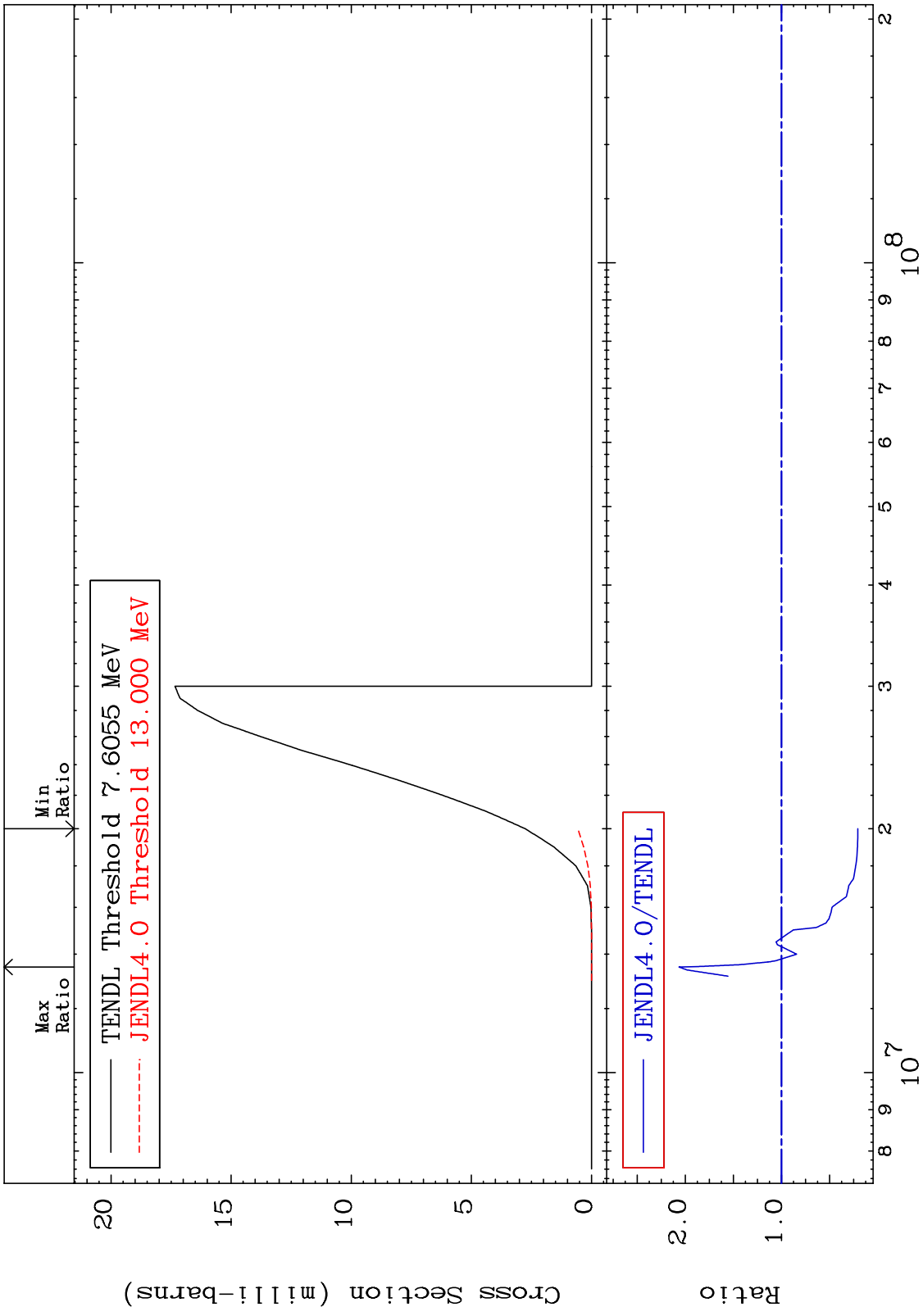


4  $^{36}\text{Kr-85}$

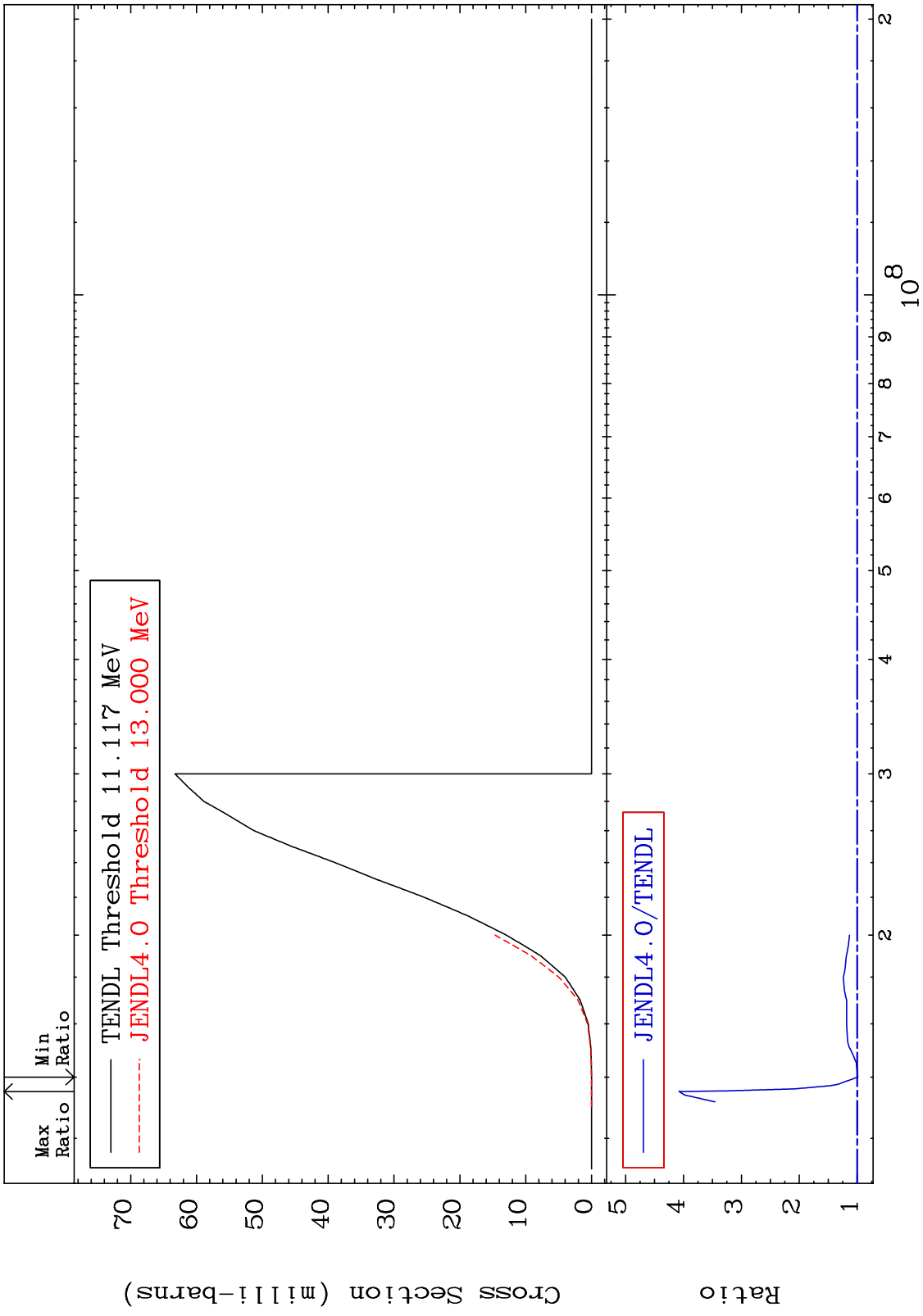
MAT 3646 (n,3n) Cross Section 36-Kr-85  
-40.80 To -11.67%



MAT 3646  $(n, n') \alpha$  36-Kr-85  
 Cross Section -79.31 To 106.5 %

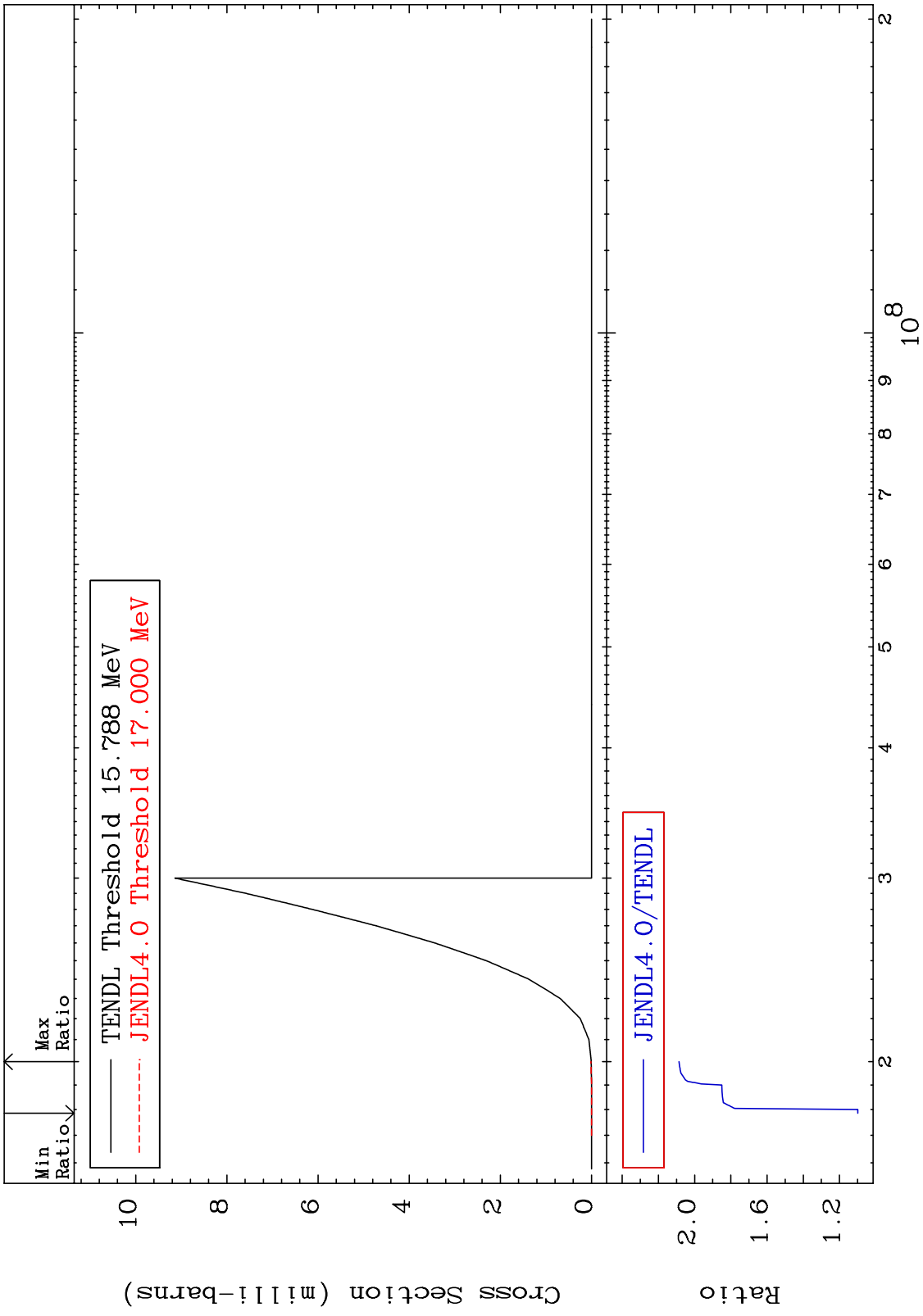


6 Incident Energy (eV) 36-Kr-85





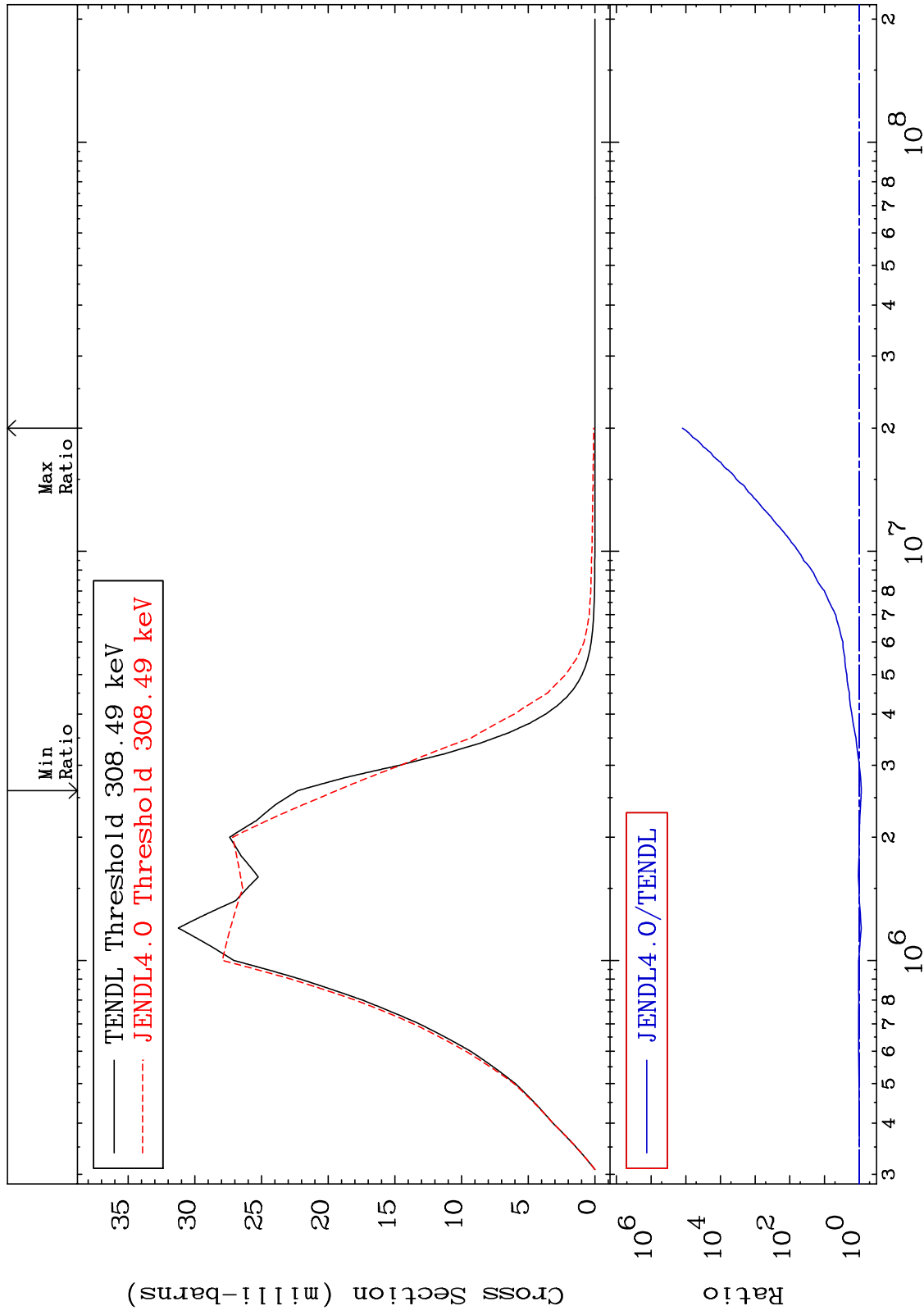
MAT 3646 (n,n') d 36-Kr-85  
 Cross Section 9.867 To 108.6 %



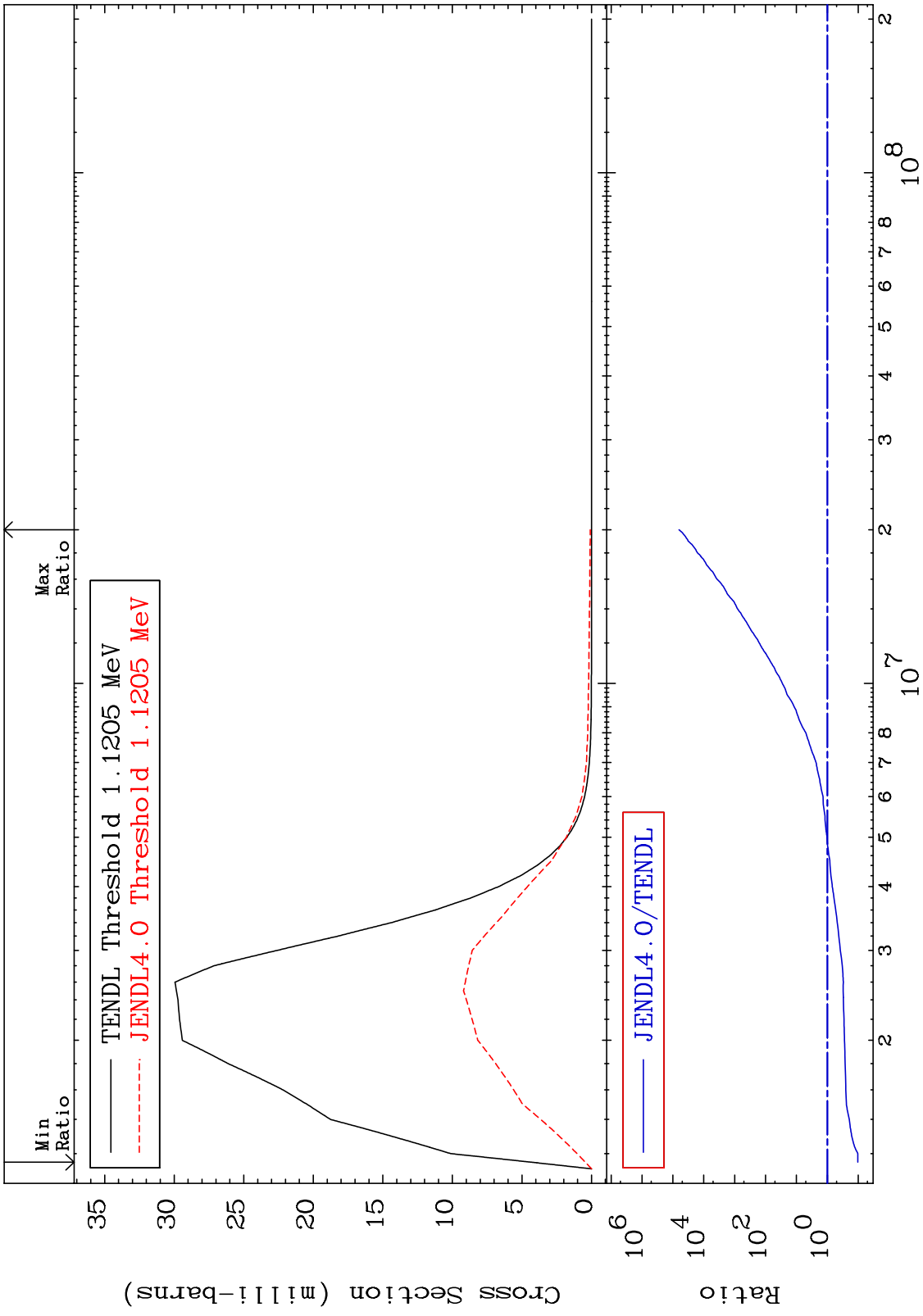
MAT 3646

MT= 51 (n,n') Level  
Cross Section

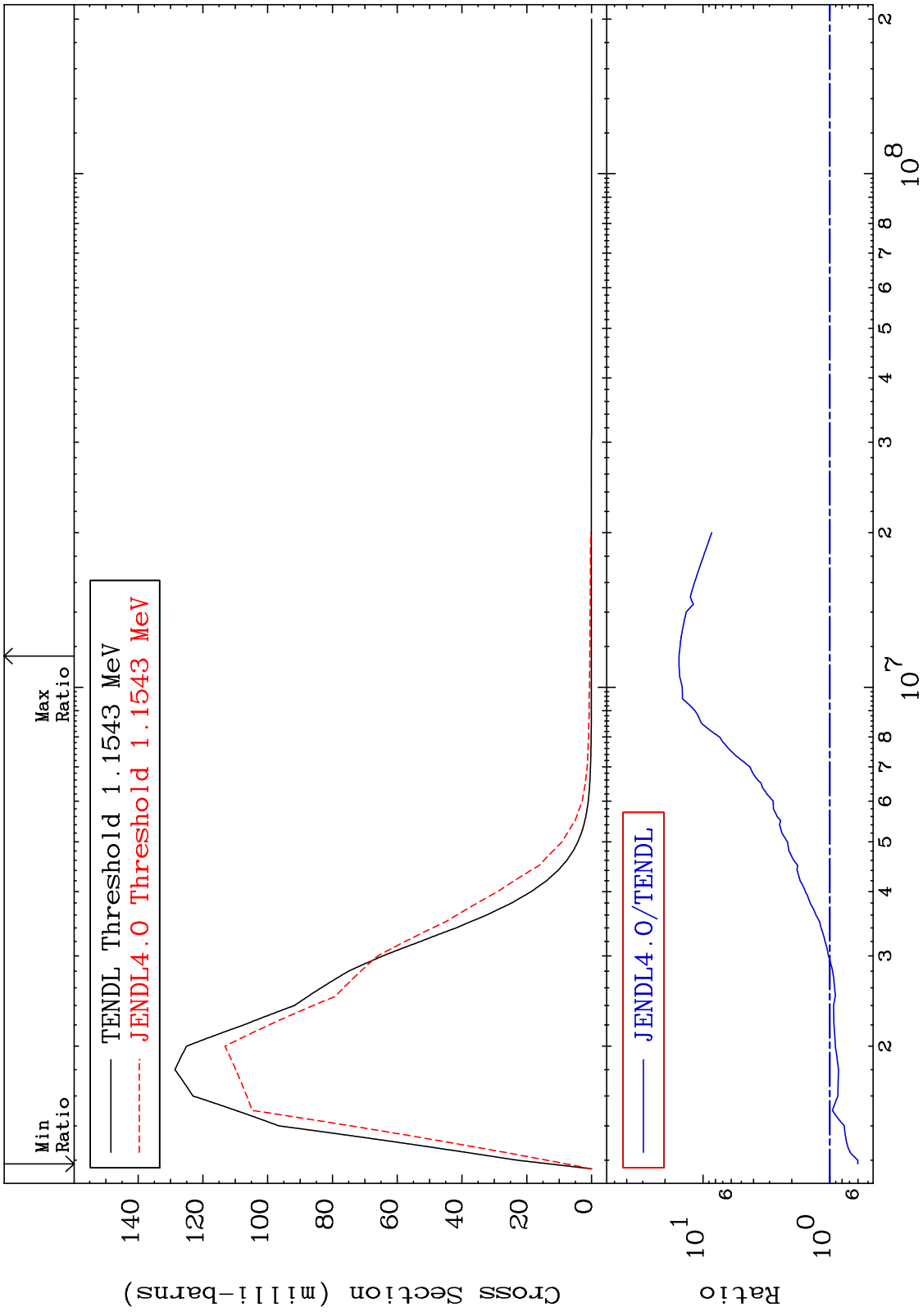
36-Kr-85  
-13.03 To 9999. %



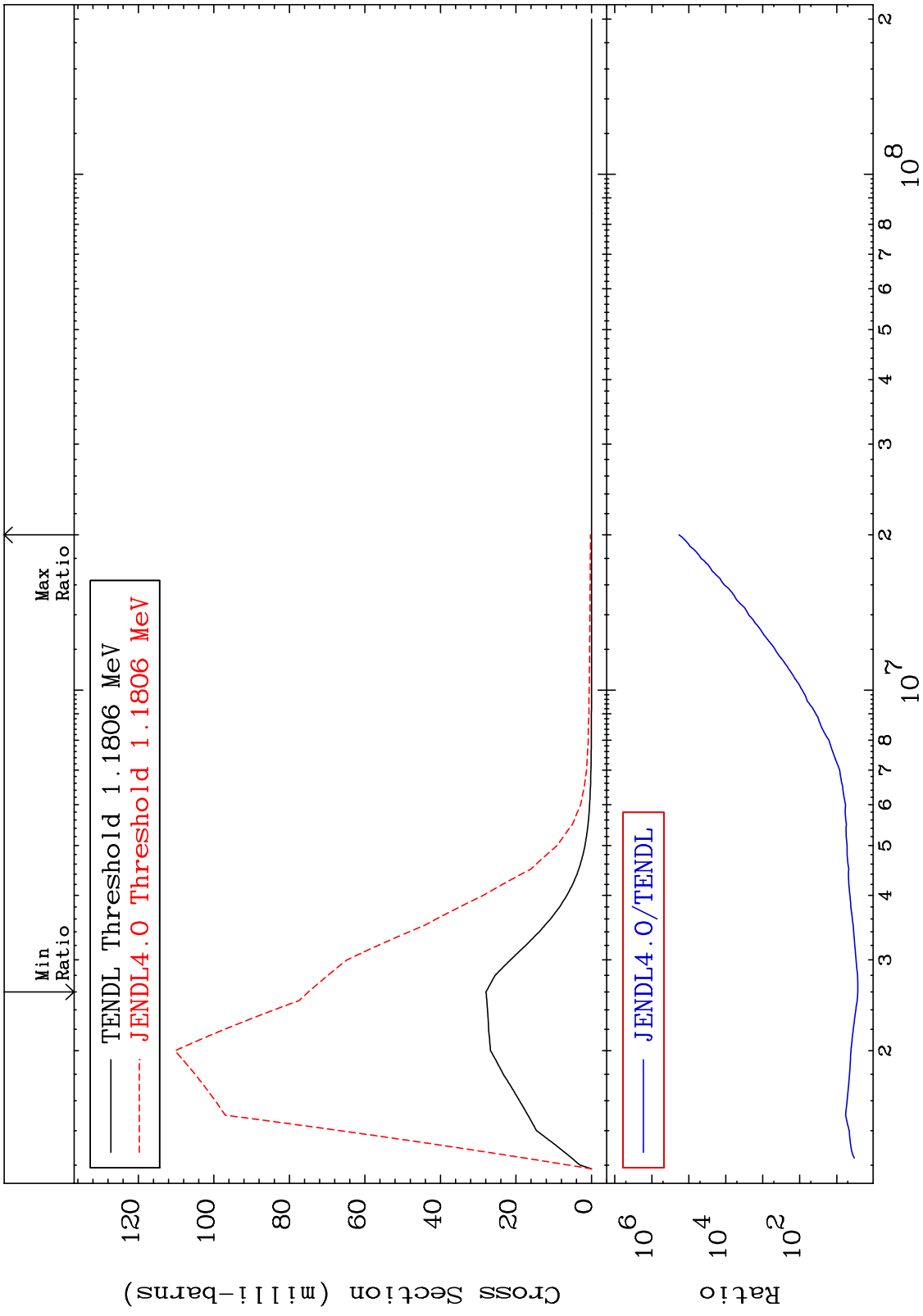
MAT 3646      MT= 52 (n,n') Level Cross Section      36-Kr-85  
 -89.73 To 9999. %



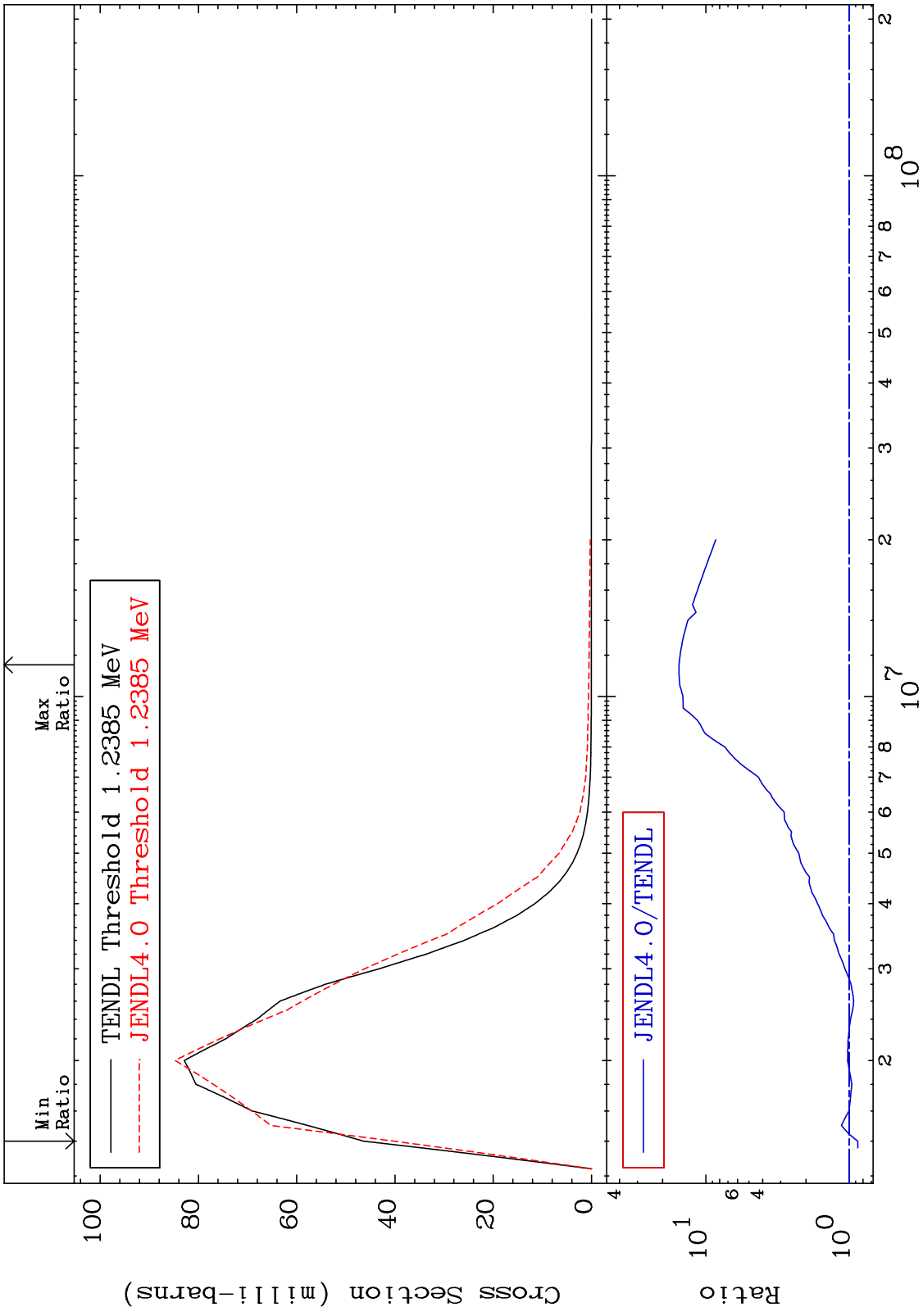
MAT 3646      MT= 53 (n,n') Level Cross Section      36-Kr-85  
 -39.86 To 1449. %



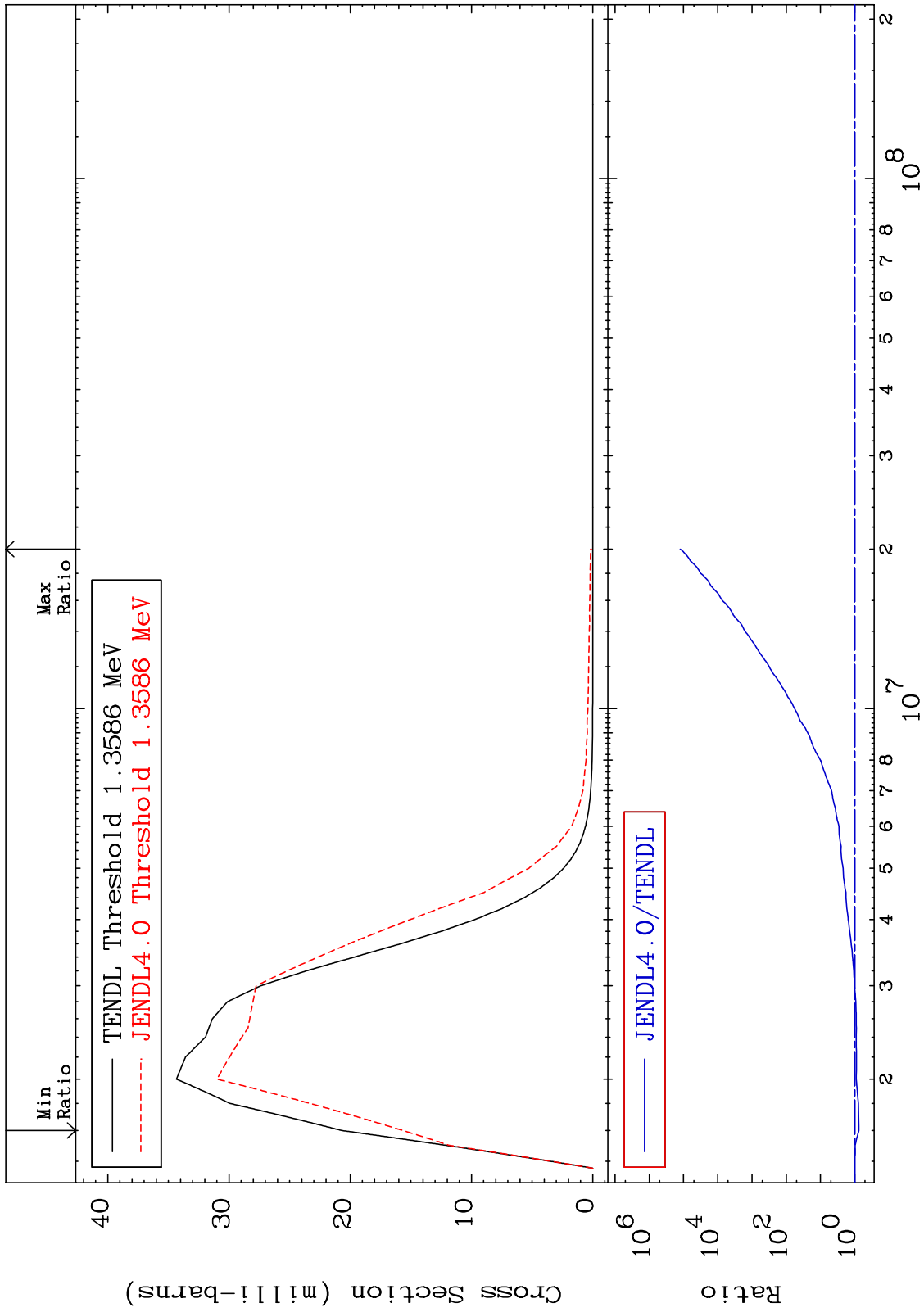
MAT 3646 MT= 54 (n,n') Level Cross Section 168.4 To 9999. % 36-Kr-85



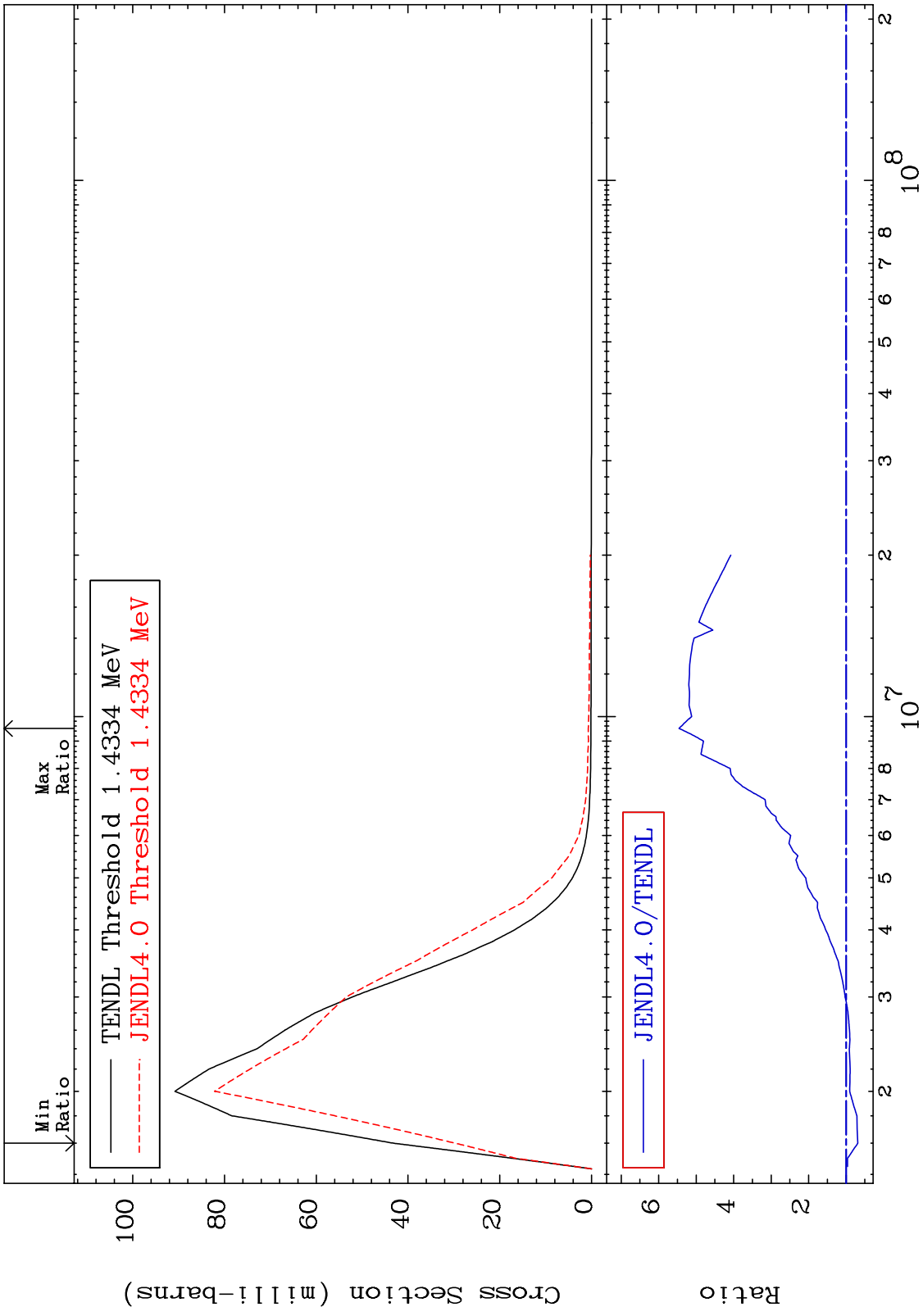
MAT 3646 MT= 55 (n,n') Level Cross Section -13.18 To 1437. % 36-Kr-85



MAT 3646 MT= 56 (n,n') Level Cross Section -24.33 To 9999. % 36-Kr-85

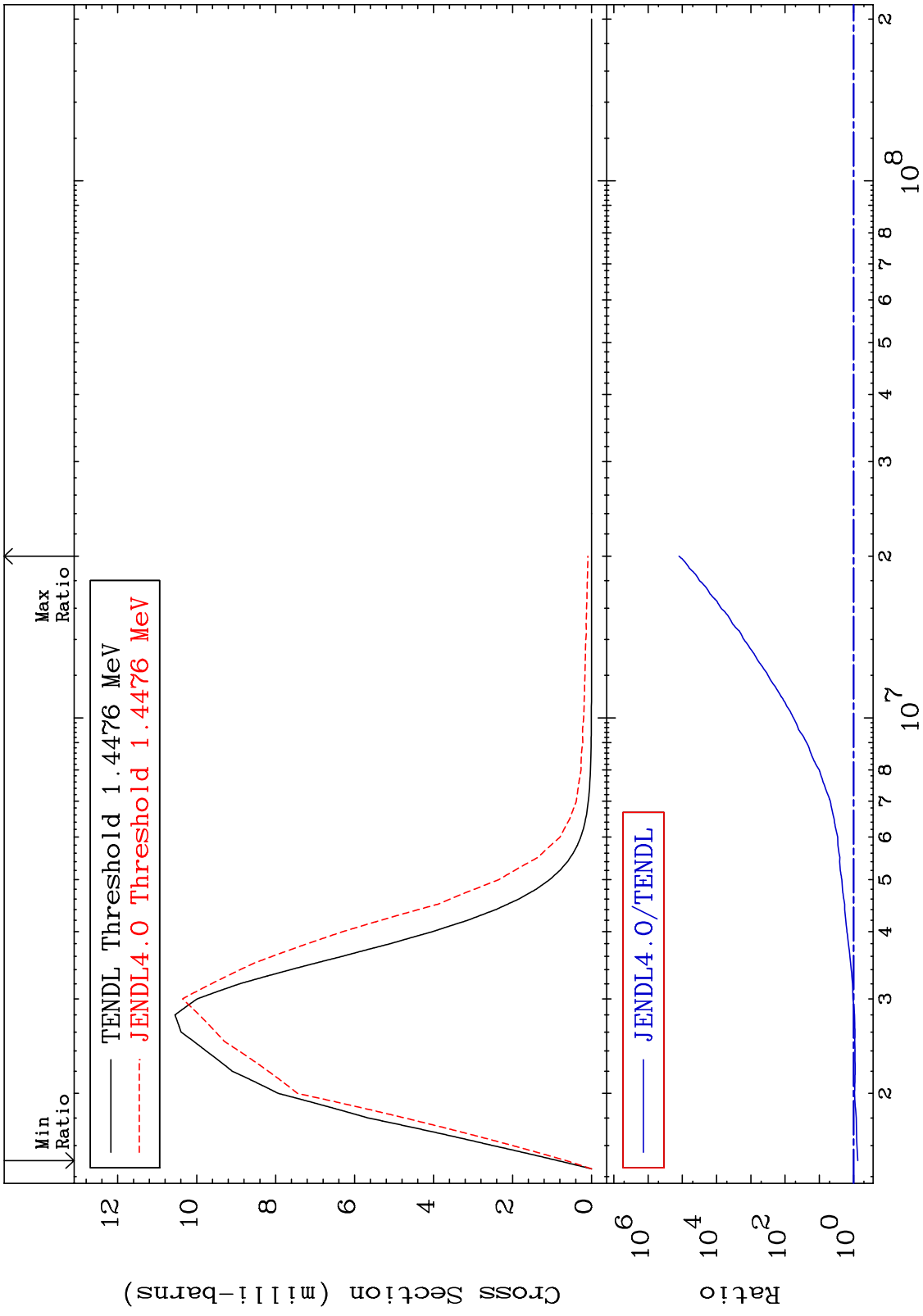


MAT 3646 MT= 57 (n,n') Level Cross Section 36-Kr-85  
 -31.22 To 445.6 %





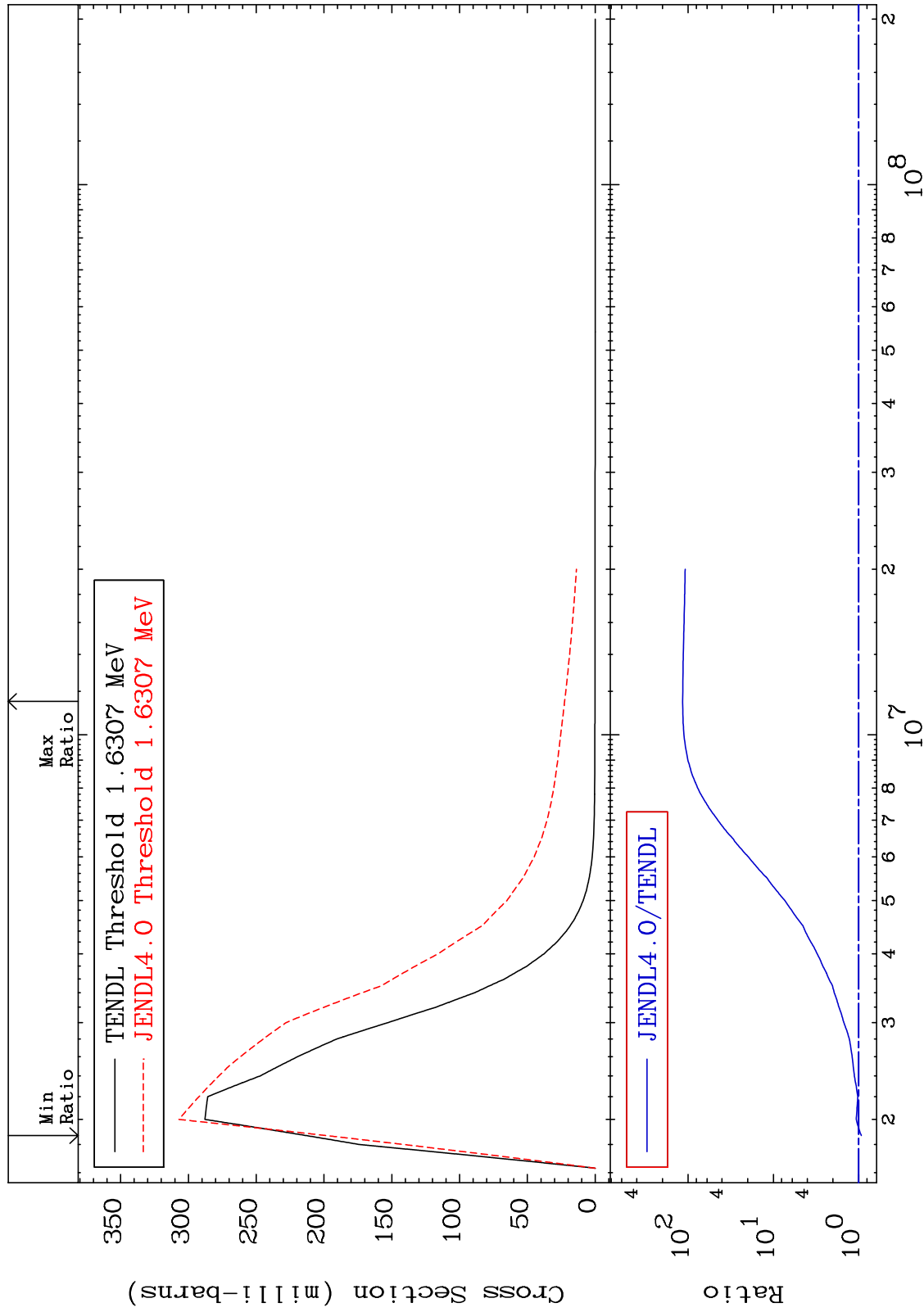
MAT 3646      MT= 58 (n,n') Level Cross Section      36-Kr-85  
 -24.80 To 9999. %



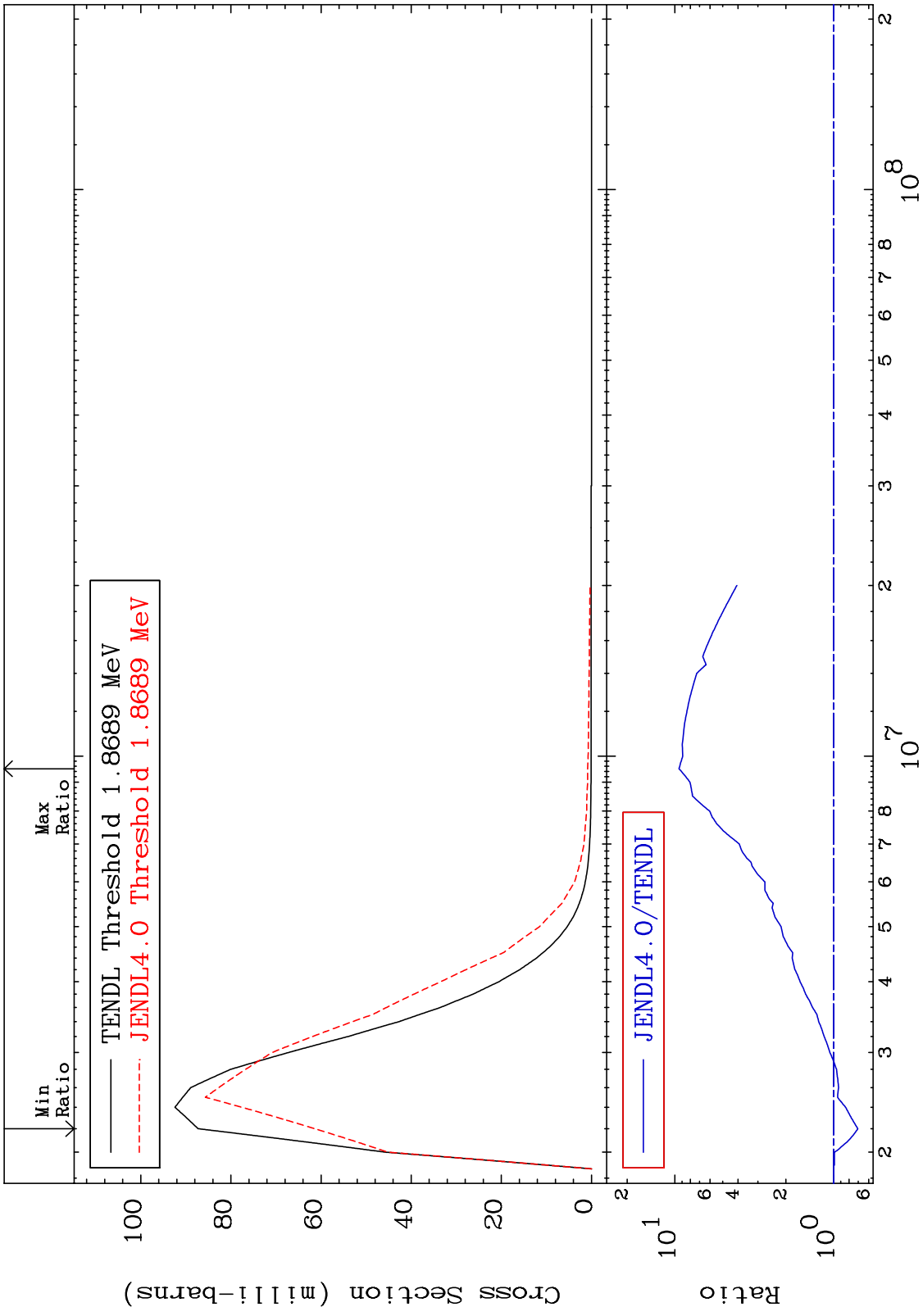
MAT 3646

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

36-Kr-85  
-7.009 To 9999. %



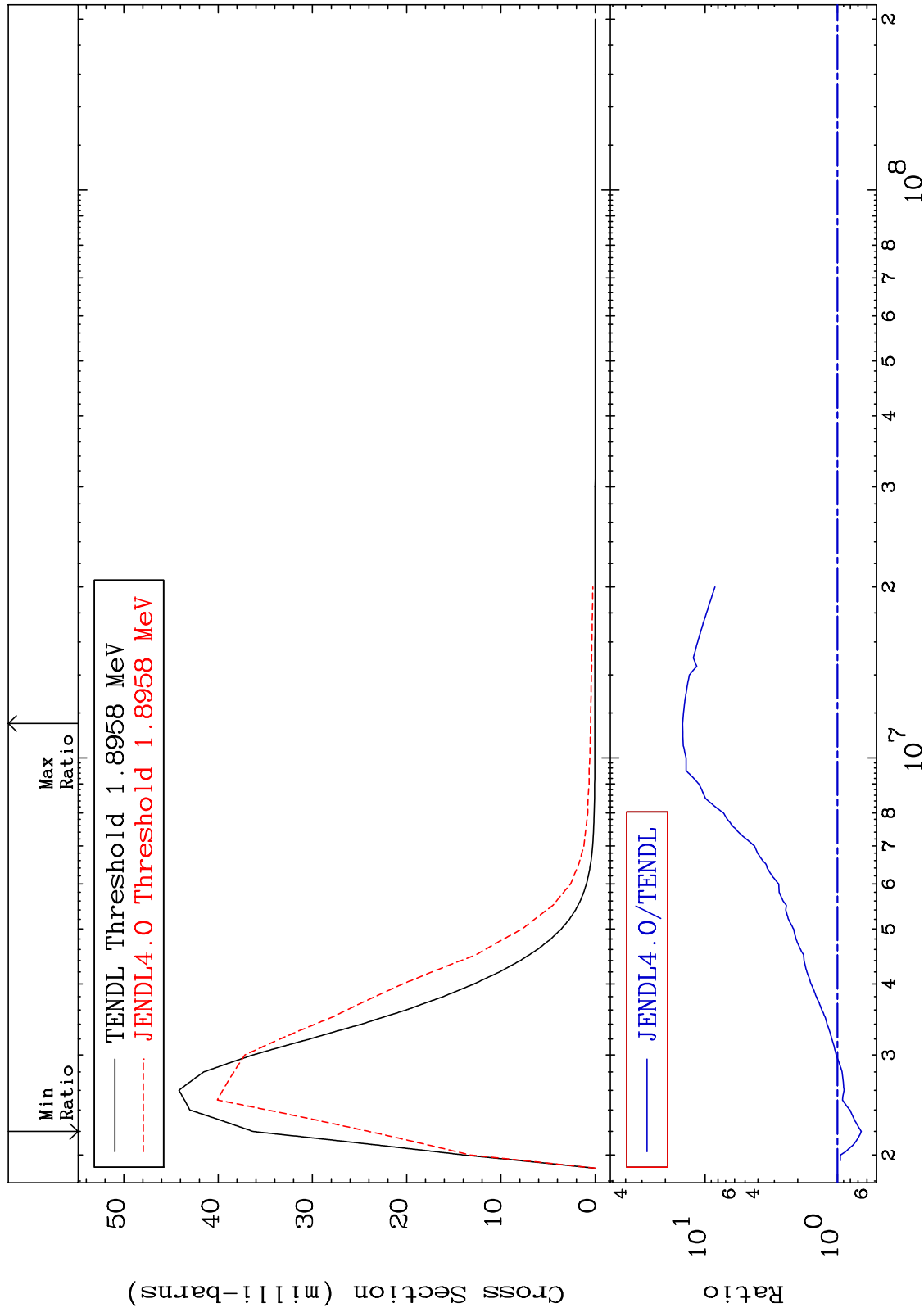
MAT 3646 MT= 60 (n,n') Level Cross Section 36-Kr-85  
 -29.68 To 841.2 %



MAT 3646

MT= 61 (n,n') Level  
Cross Section

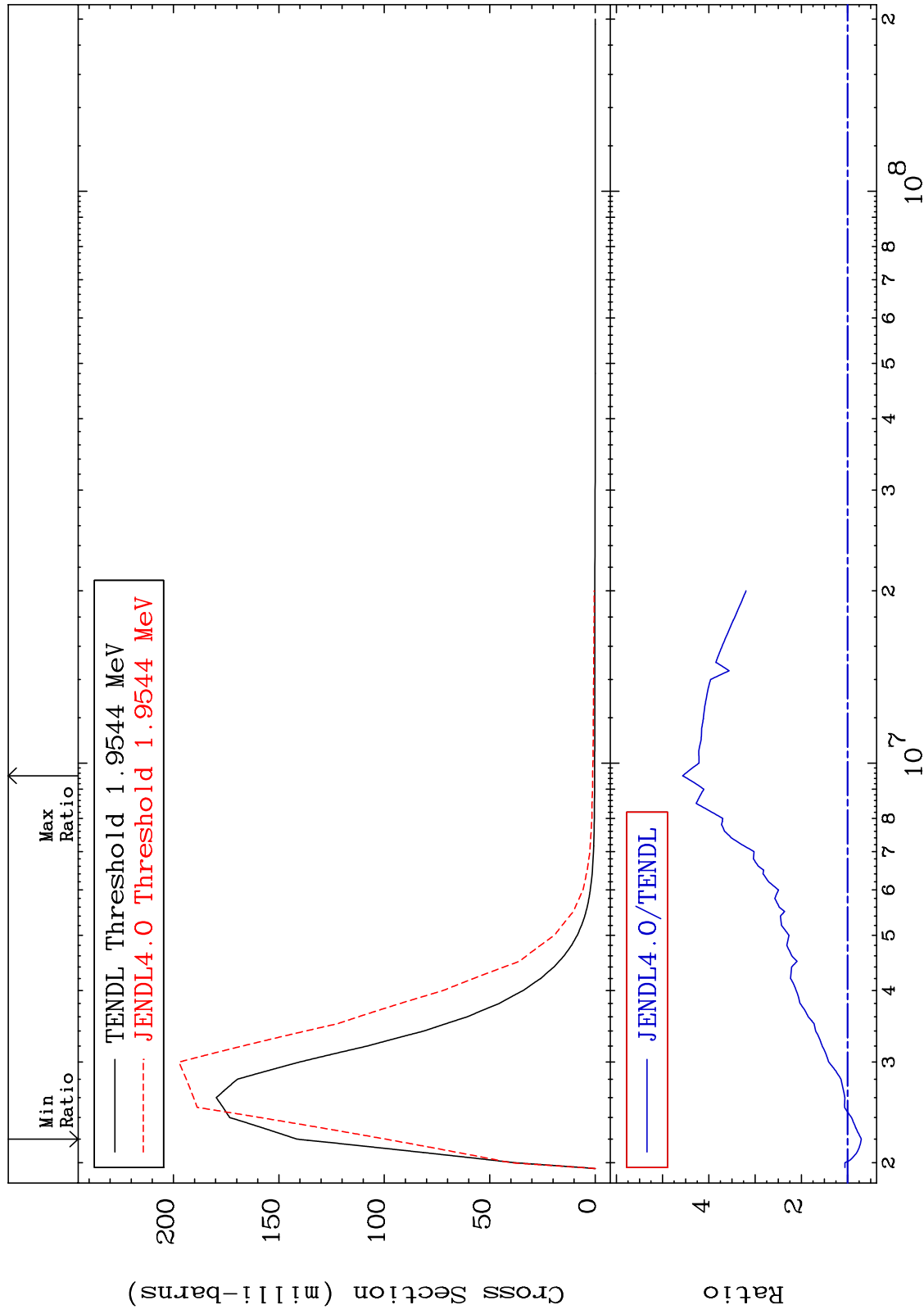
36-Kr-85  
-33.87 To 1380. %



MAT 3646

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

36-Kr-85  
-29.71 To 356.6 %



20

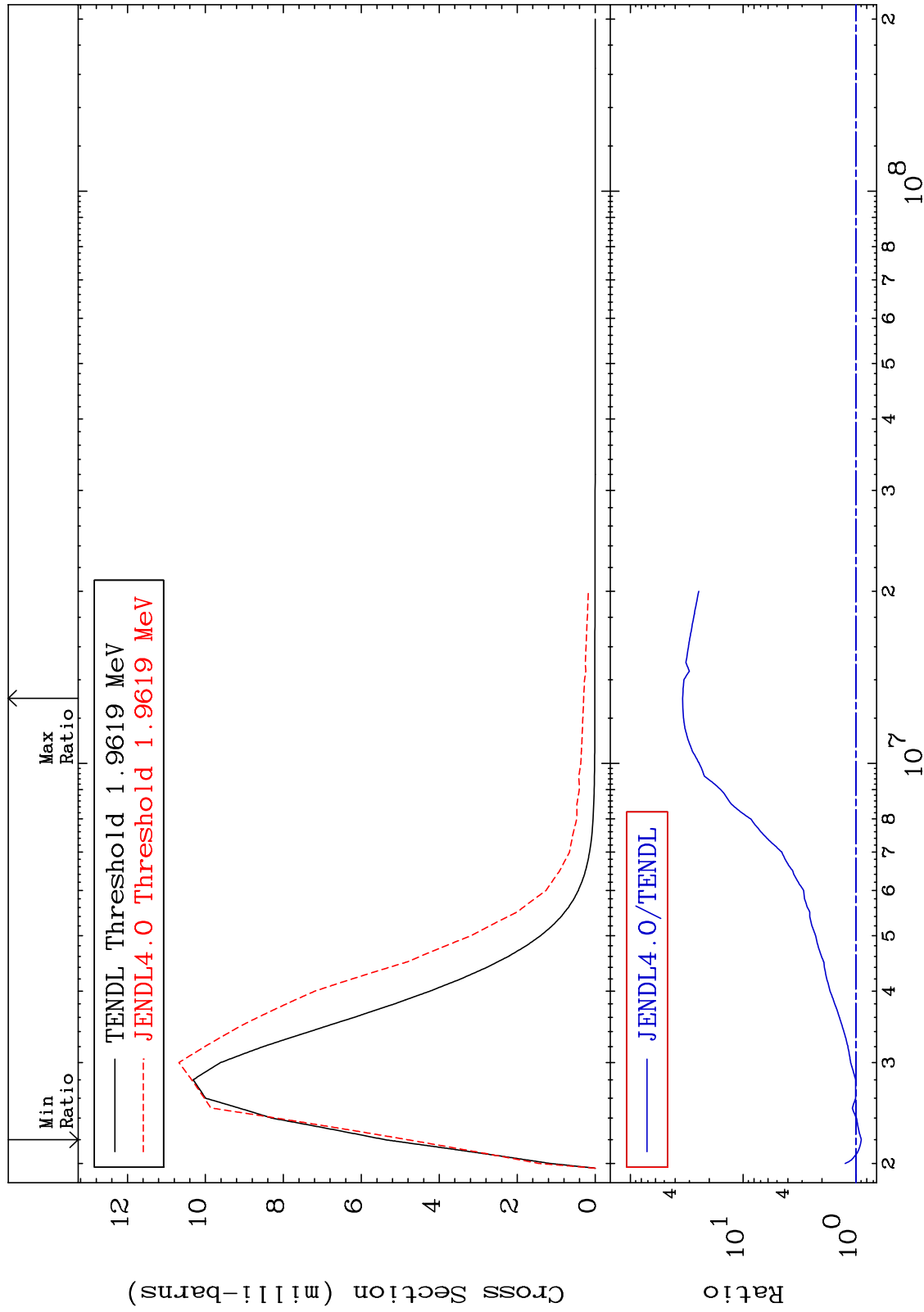
Incident Energy (eV)

36-Kr-85

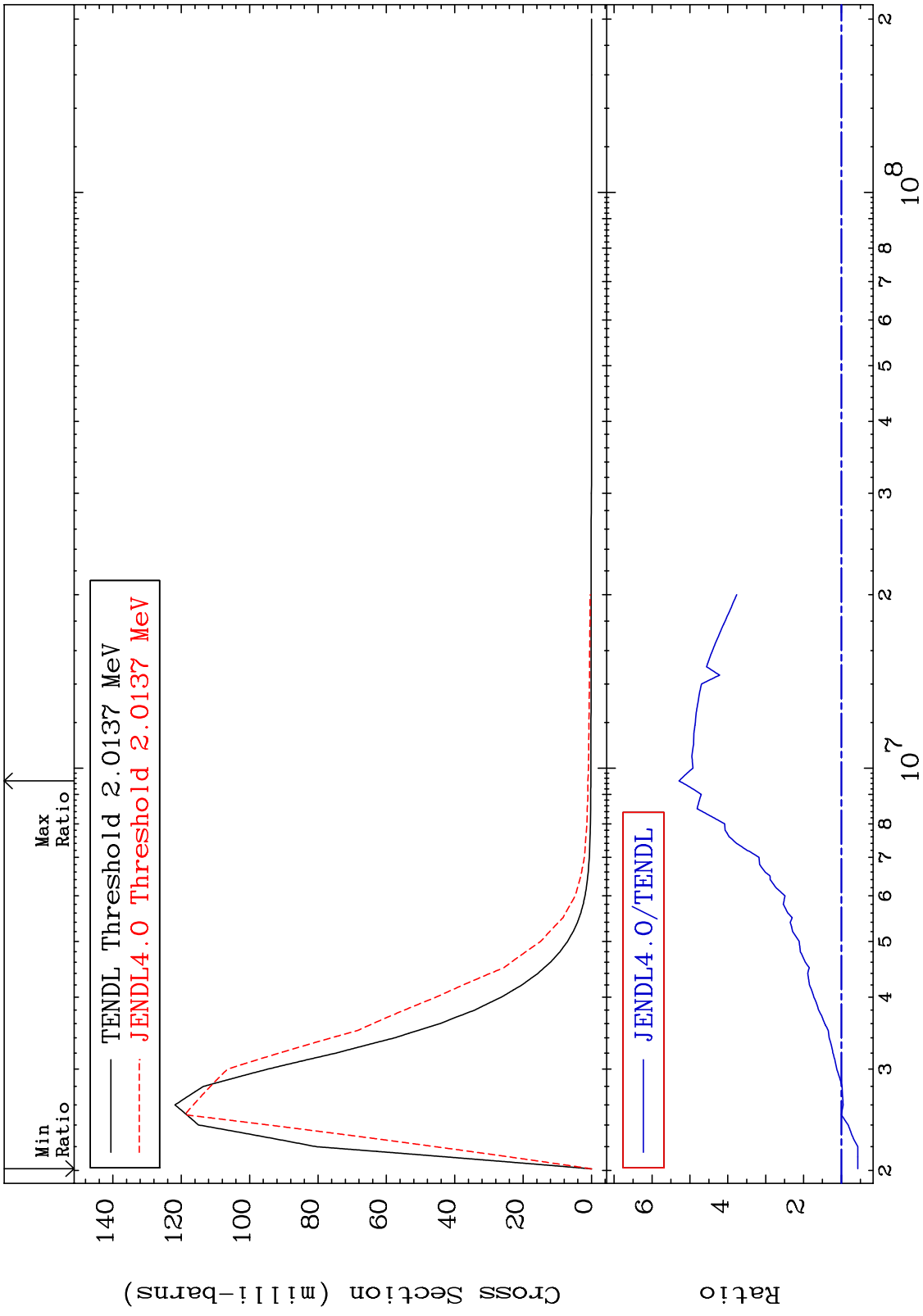
MAT 3646

MT= 63 (n,n') Level  
Cross Section

36-Kr-85  
-10.67 To 3338. %



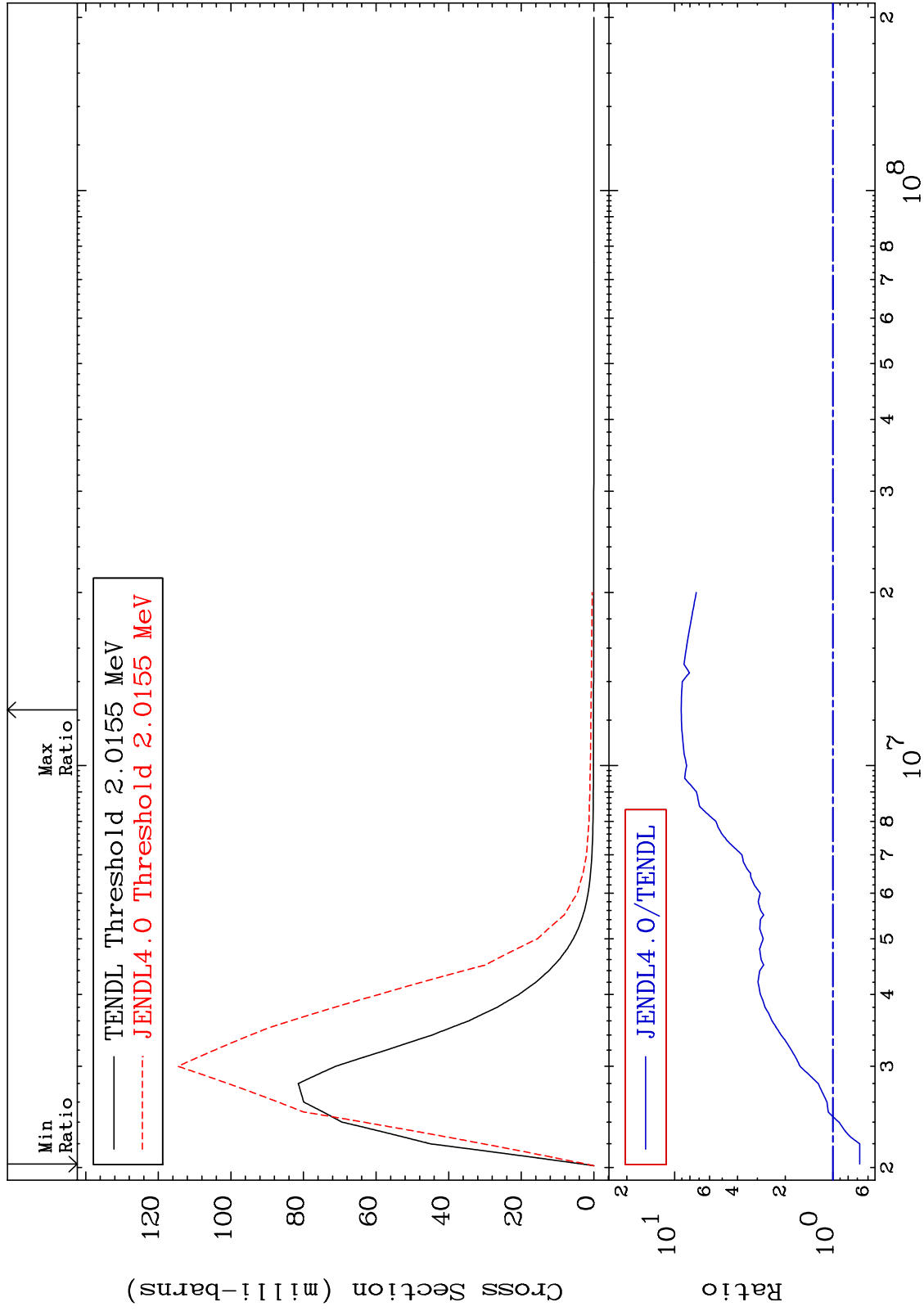
MAT 3646 MT= 64 (n,n') Level Cross Section -43.38 To 428.7 % 36-Kr-85



MAT 3646

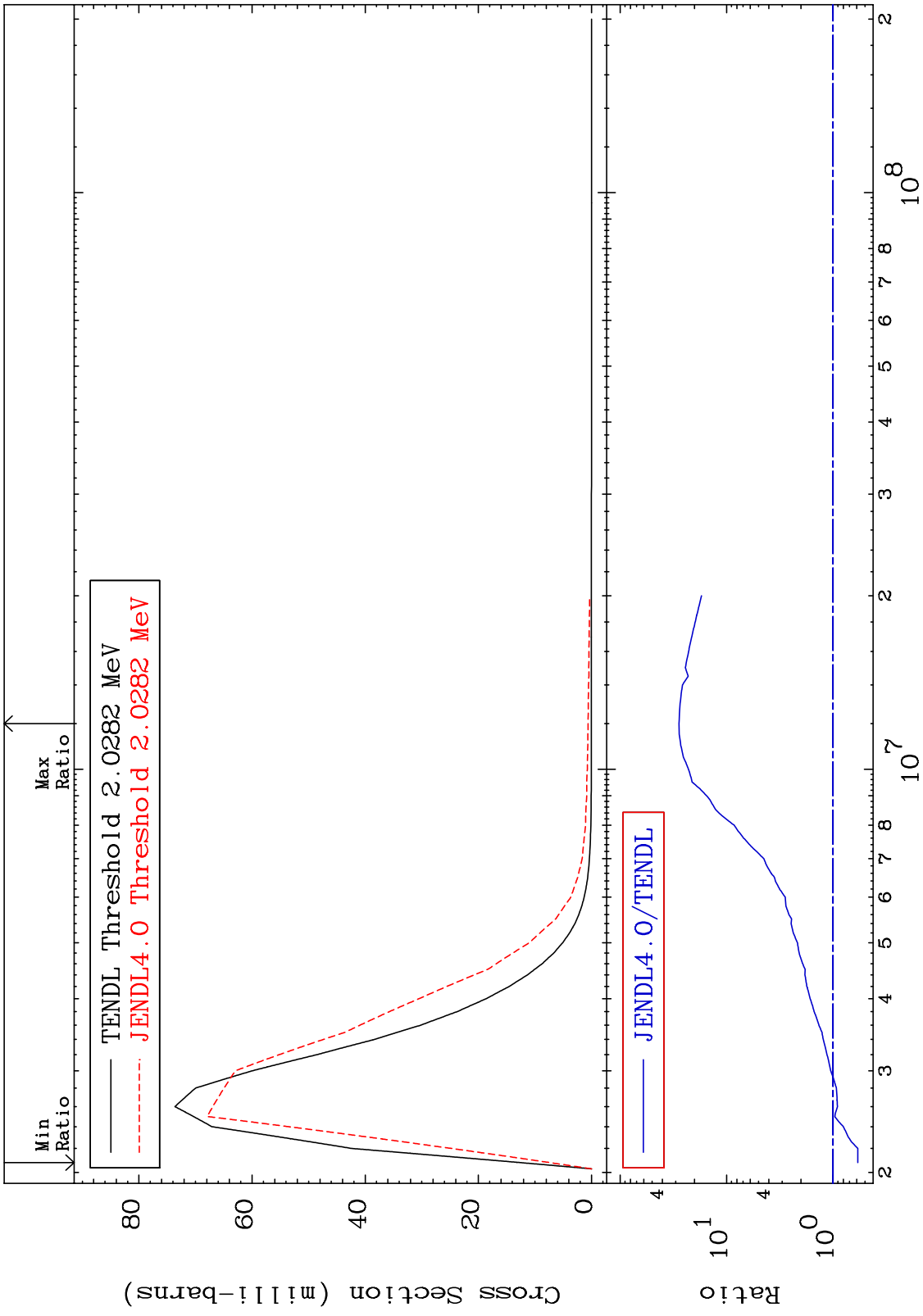
MT= 65 (n,n') Level  
Cross Section

36-Kr-85  
-32.39 To 806.8 %





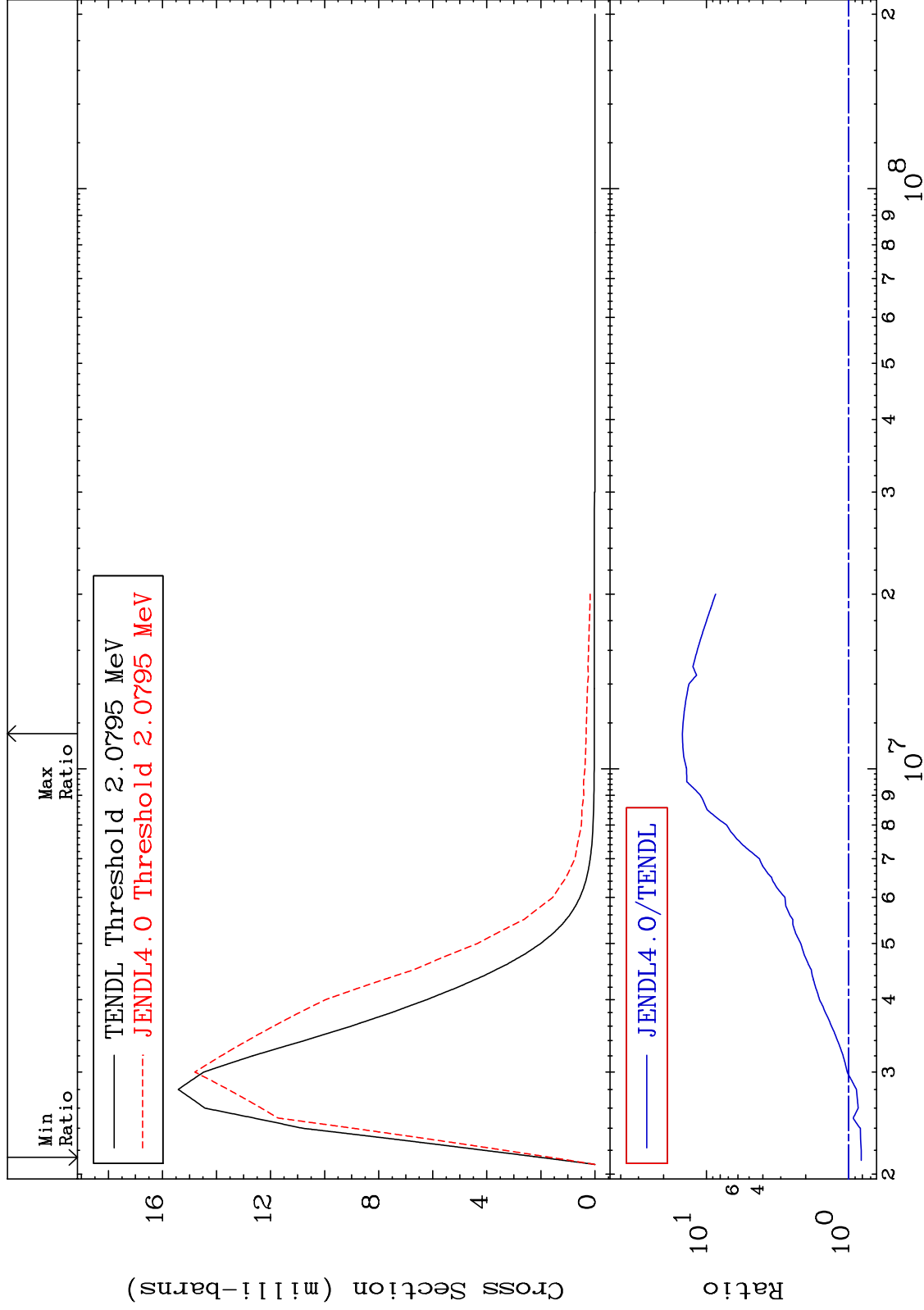
MAT 3646 MT= 66 (n,n') Level Cross Section 36-Kr-85  
 -41.59 To 2694. %



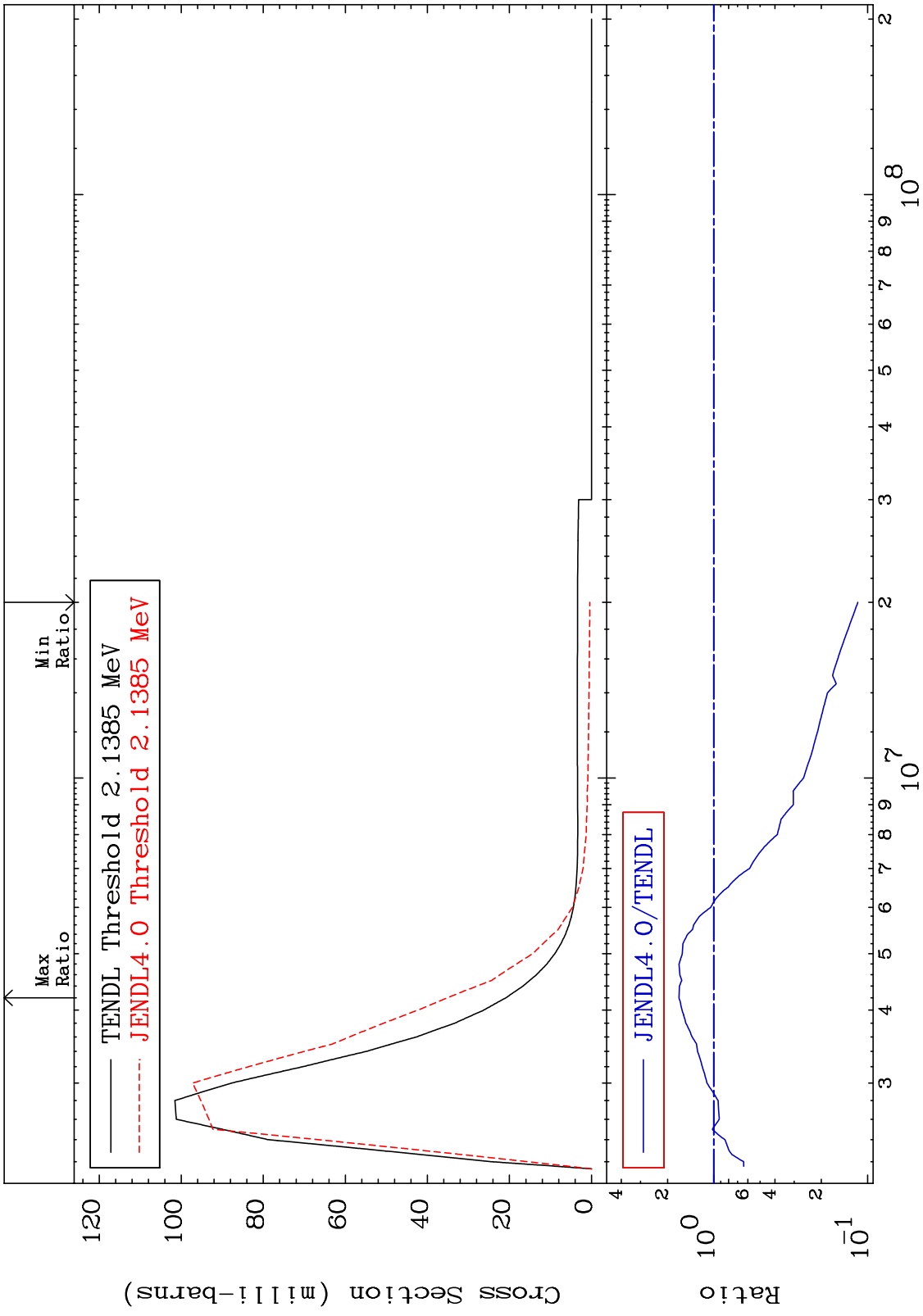
MAT 3646

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

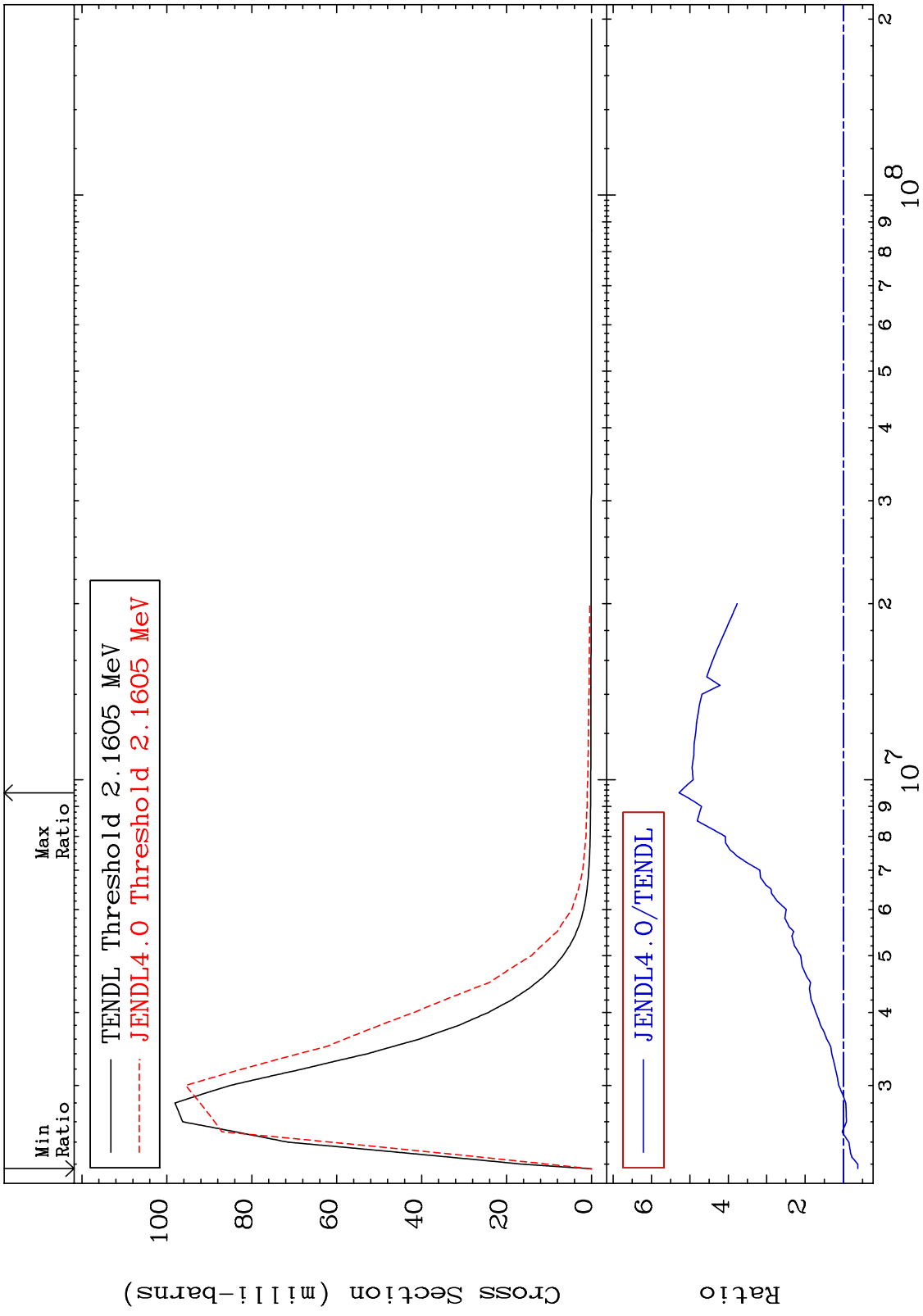
36-Kr-85  
-18.61 To 1373. %



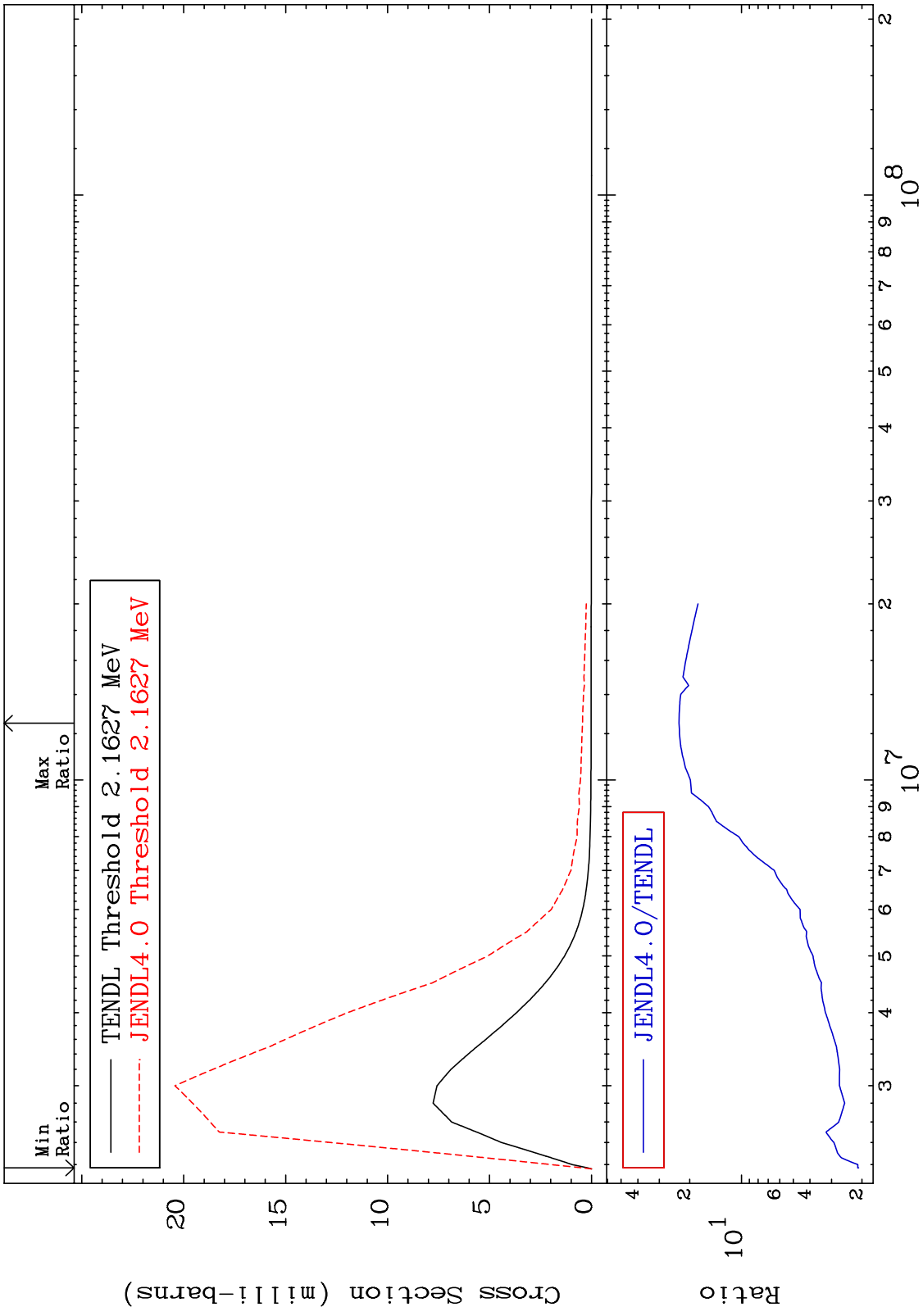
MAT 3646 MT= 68 (n,n') Level Cross Section 36-Kr-85  
 -88.44 To 68.25 %



MAT 3646      MT= 69 (n,n') Level      36-Kr-85  
 Cross Section      -37.45 To 428.2 %



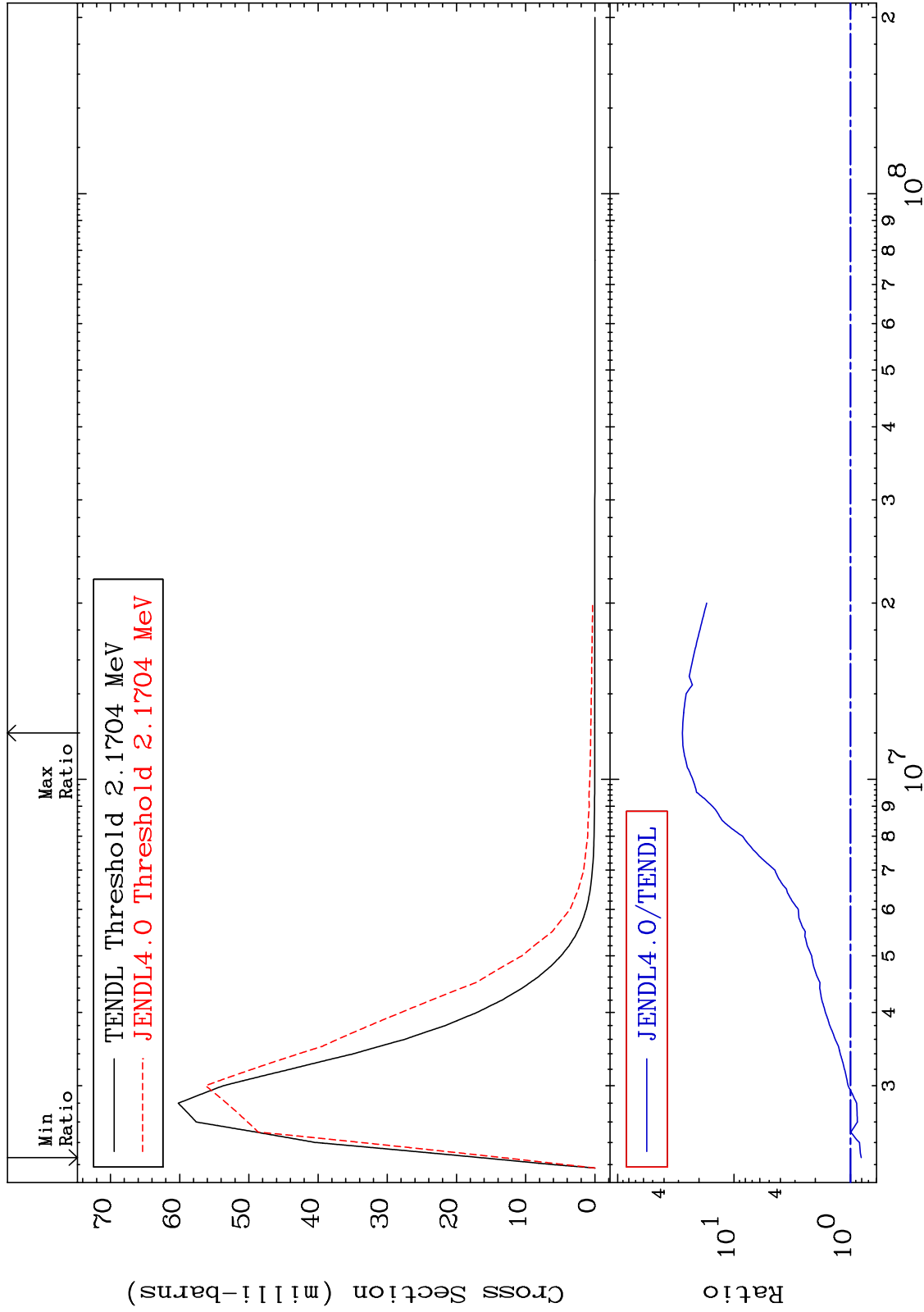
MAT 3646 MT= 70 (n,n') Level Cross Section 36-Kr-85  
 111.0 To 2204. %



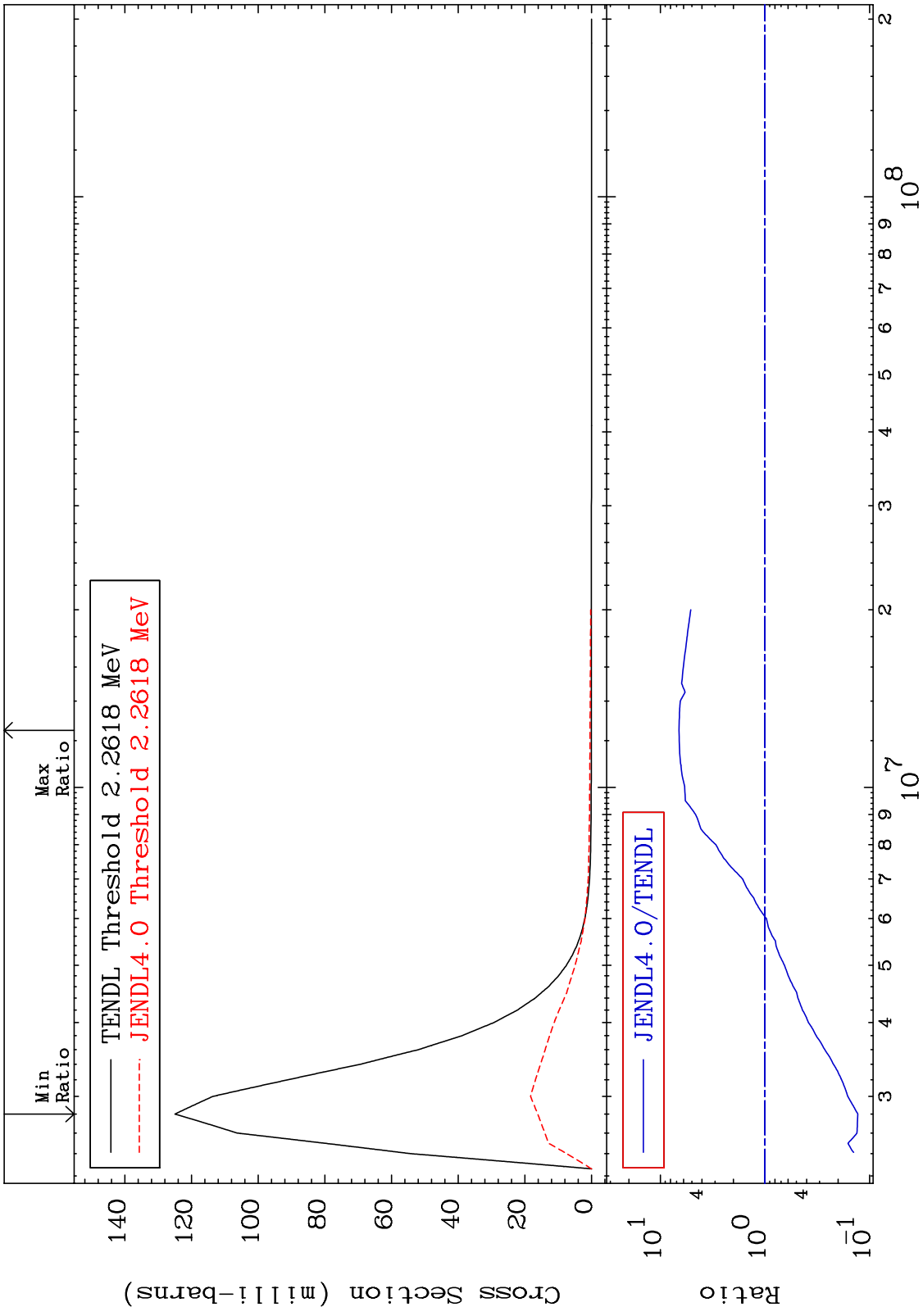
MAT 3646

MT= 71 (n,n') Level  
Cross Section

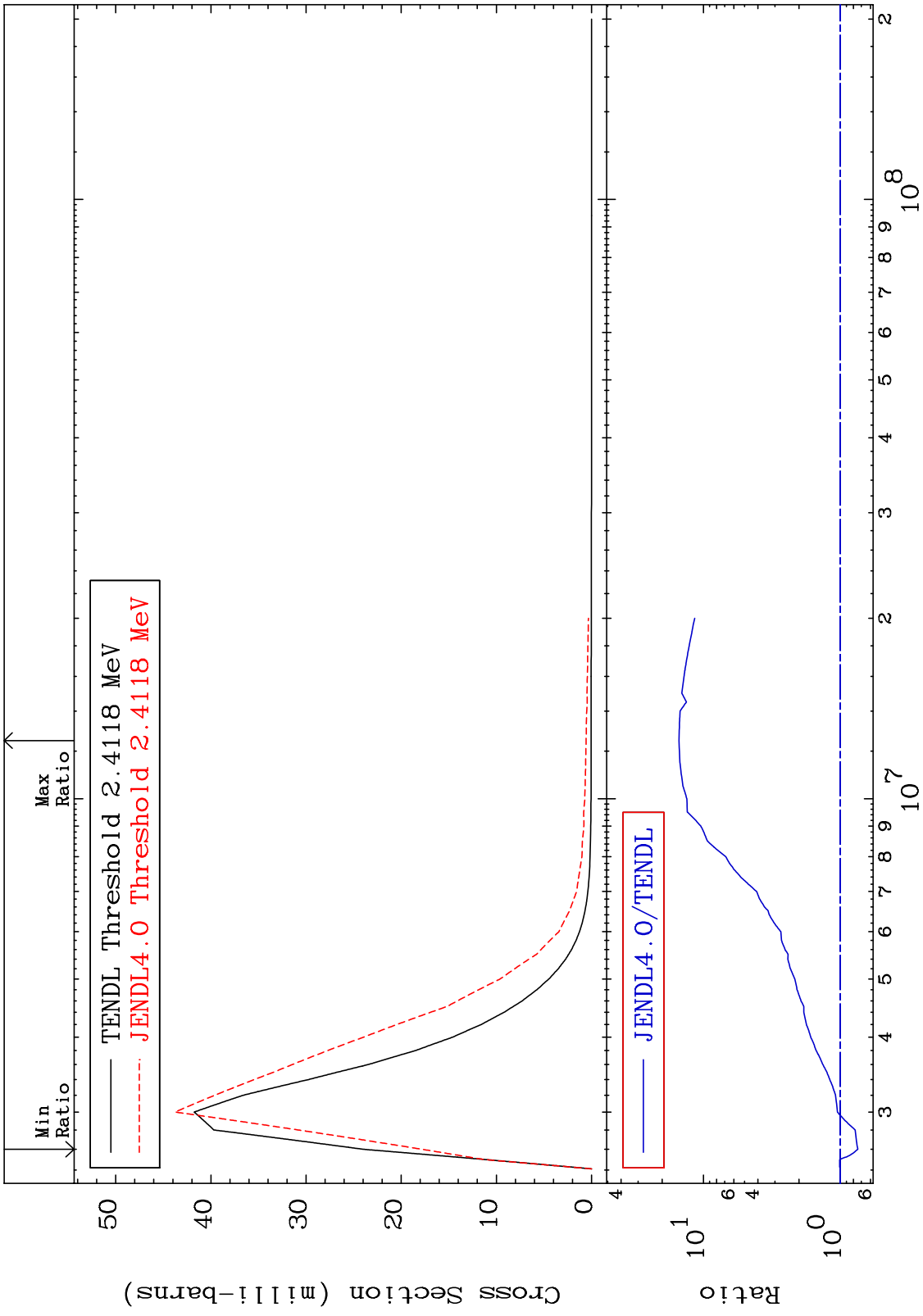
36-Kr-85  
-19.27 To 2674. %



MAT 3646 MT= 72 (n,n') Level Cross Section 36-Kr-85  
 -87.07 To 562.3 %



MAT 3646      MT= 73 (n,n') Level      36-Kr-85  
 Cross Section      -25.69 To 1406. %

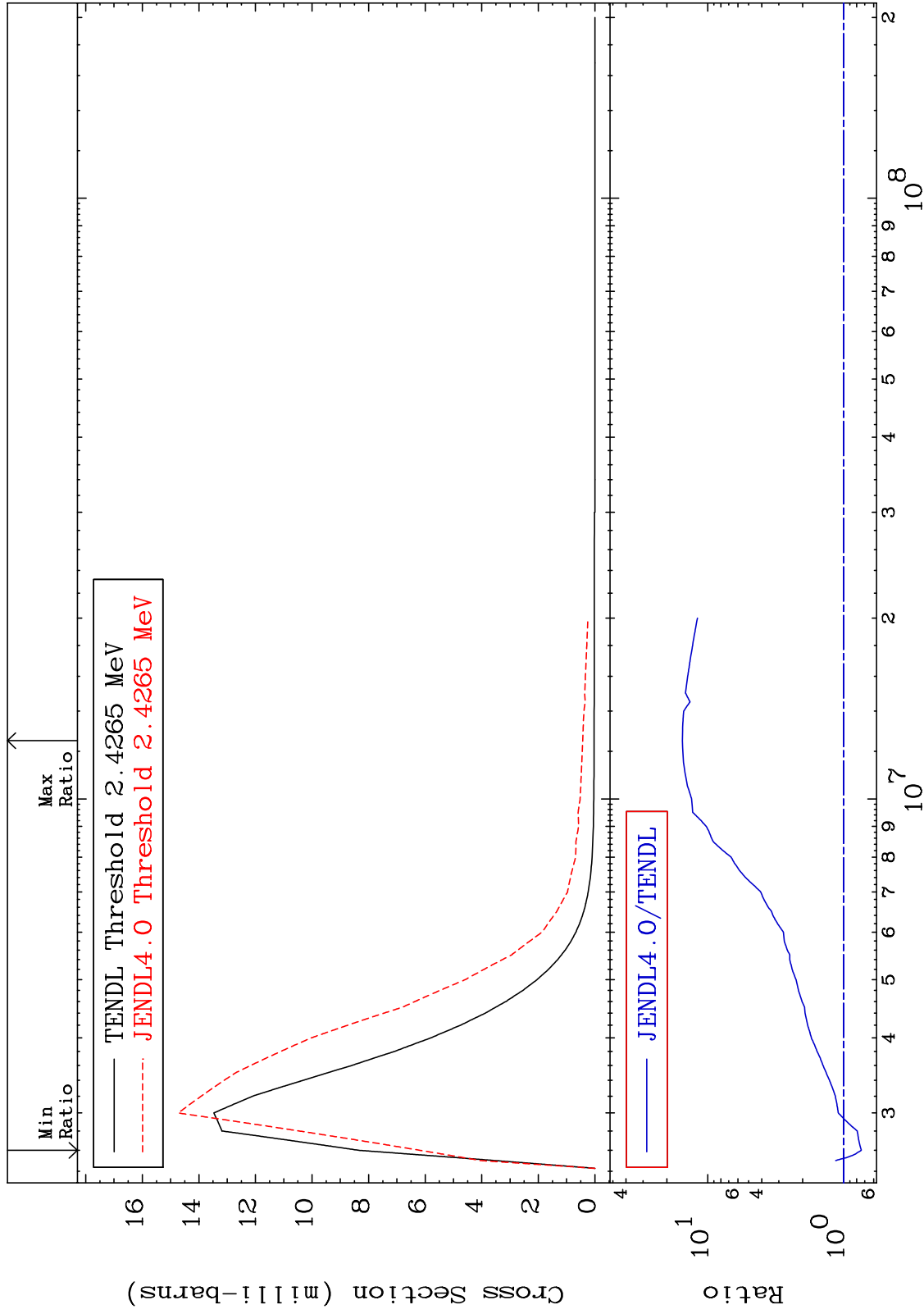




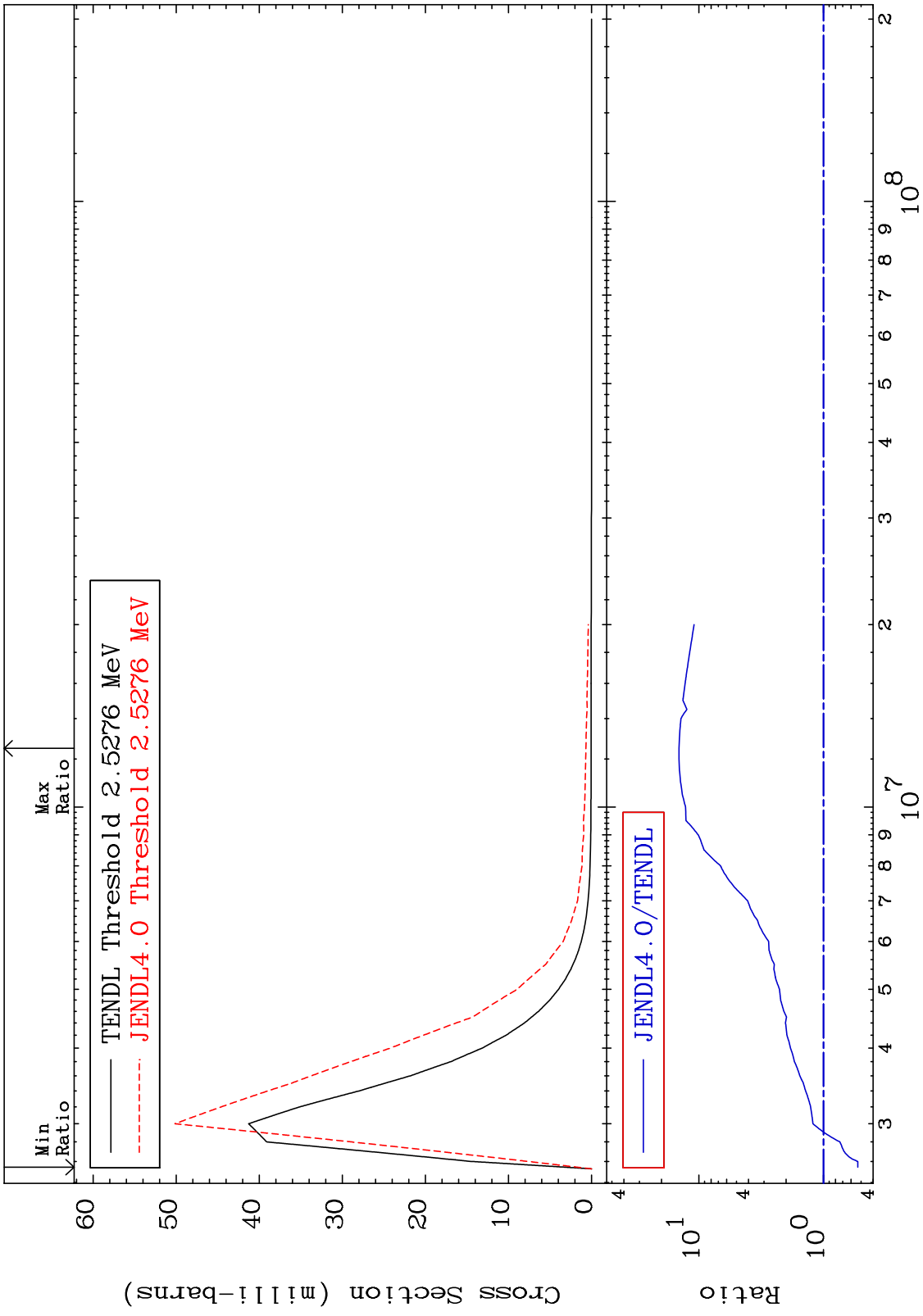
MAT 3646

MT= 74 (n,n') Level  
Cross Section

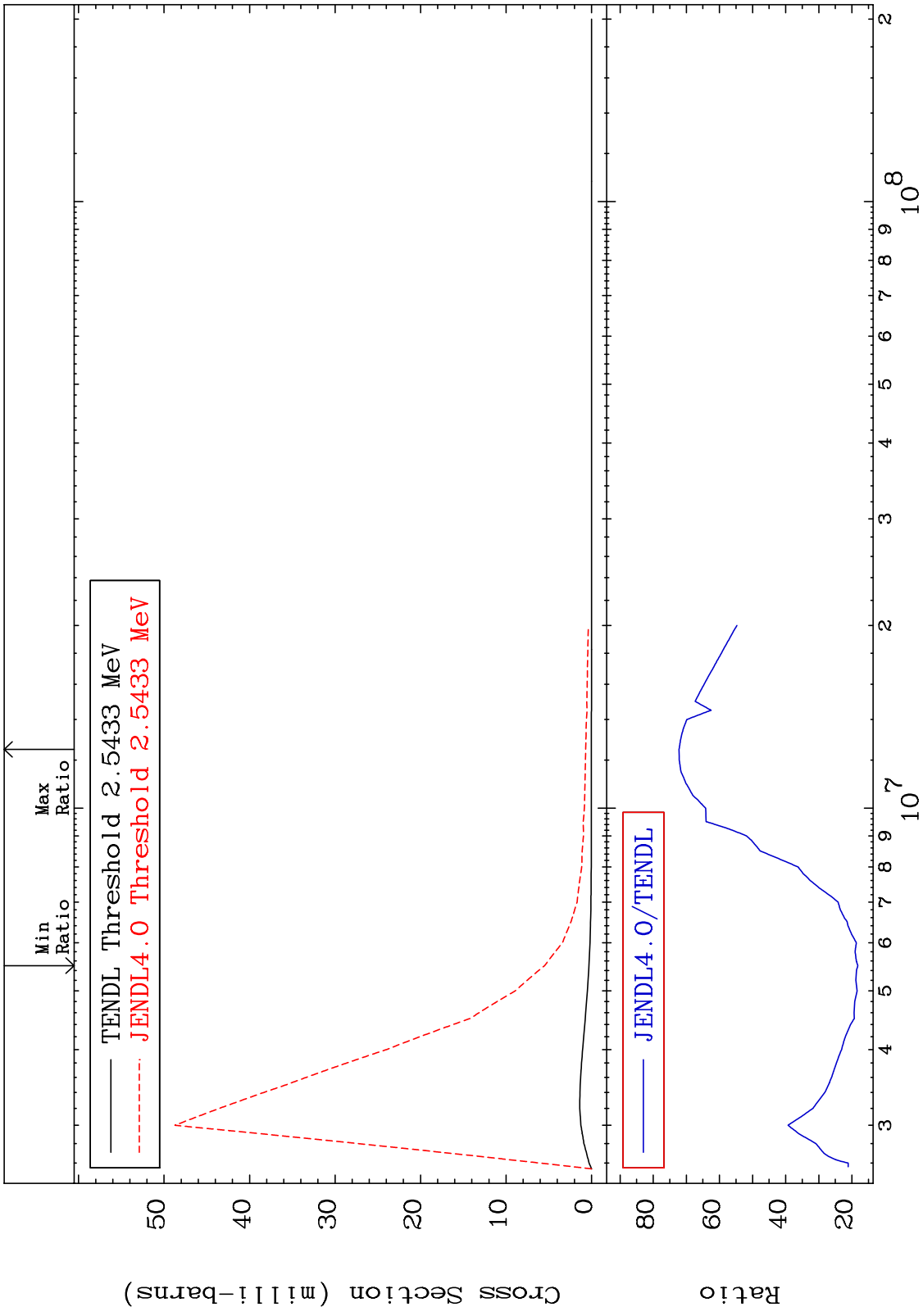
36-Kr-85  
-25.92 To 1436. %



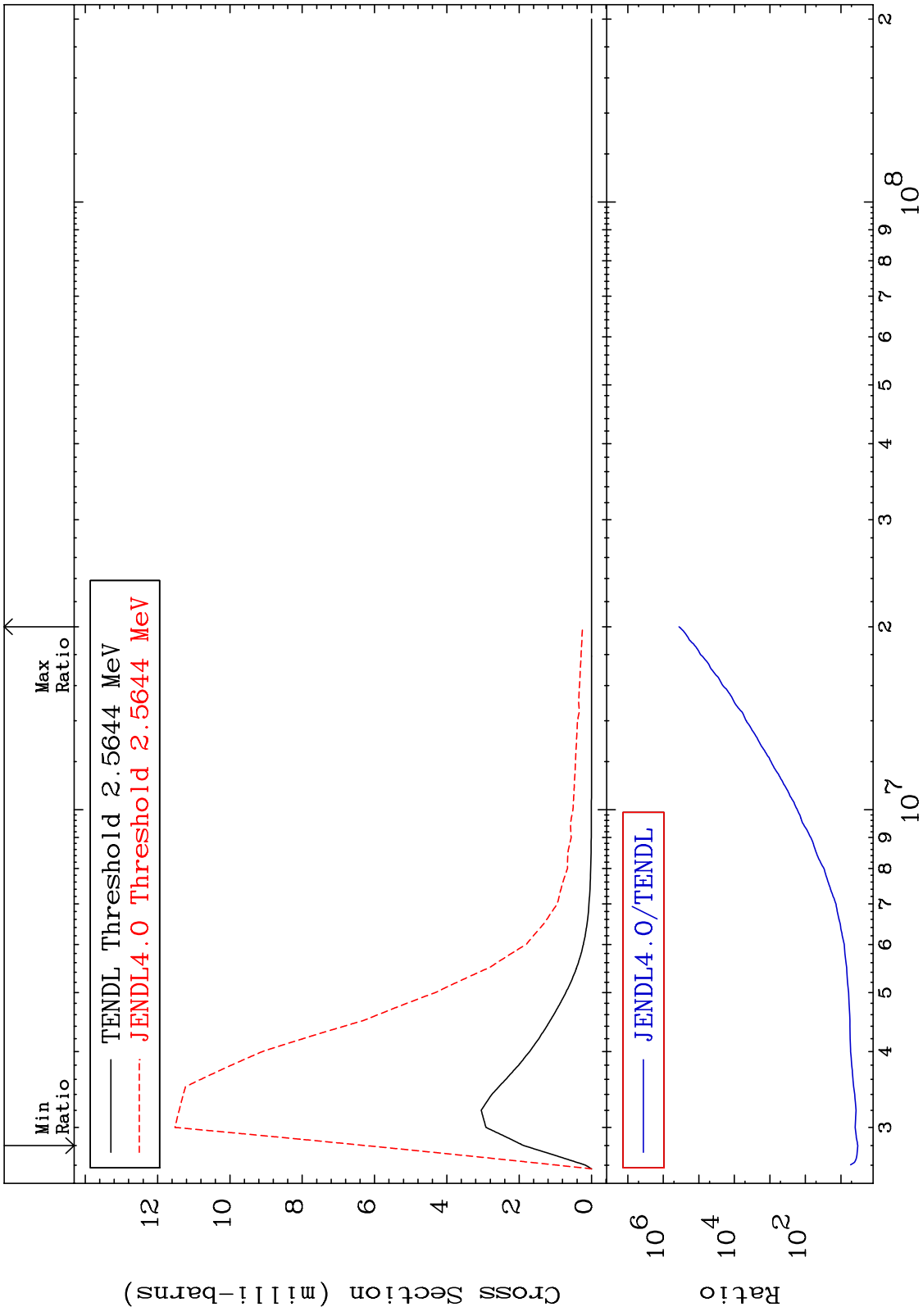
MAT 3646      MT= 75 (n,n') Level      36-Kr-85  
 Cross Section      -47.01 To 1345. %



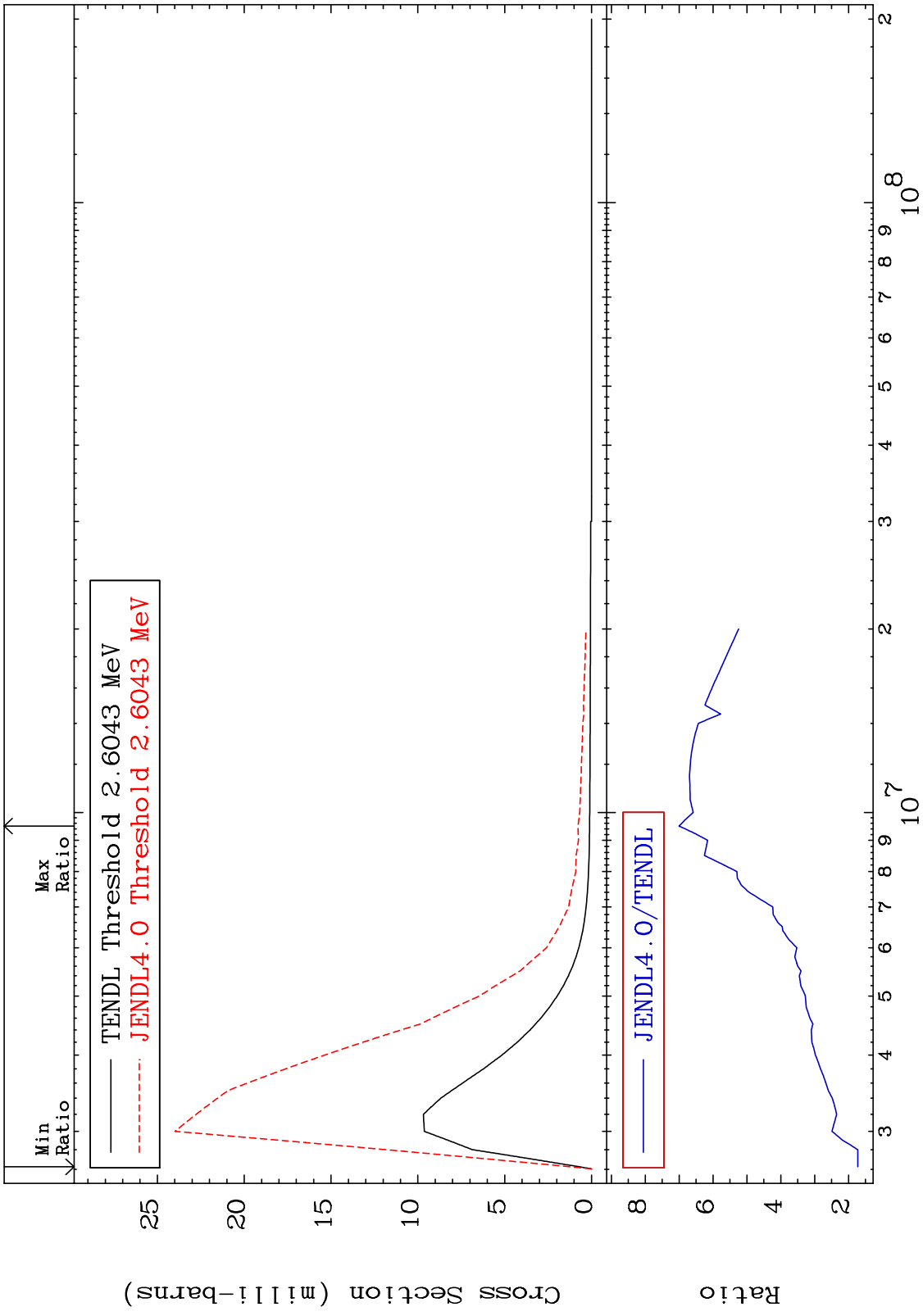
MAT 3646 MT= 76 (n,n') Level Cross Section 36-Kr-85  
 1721. To 7120. %



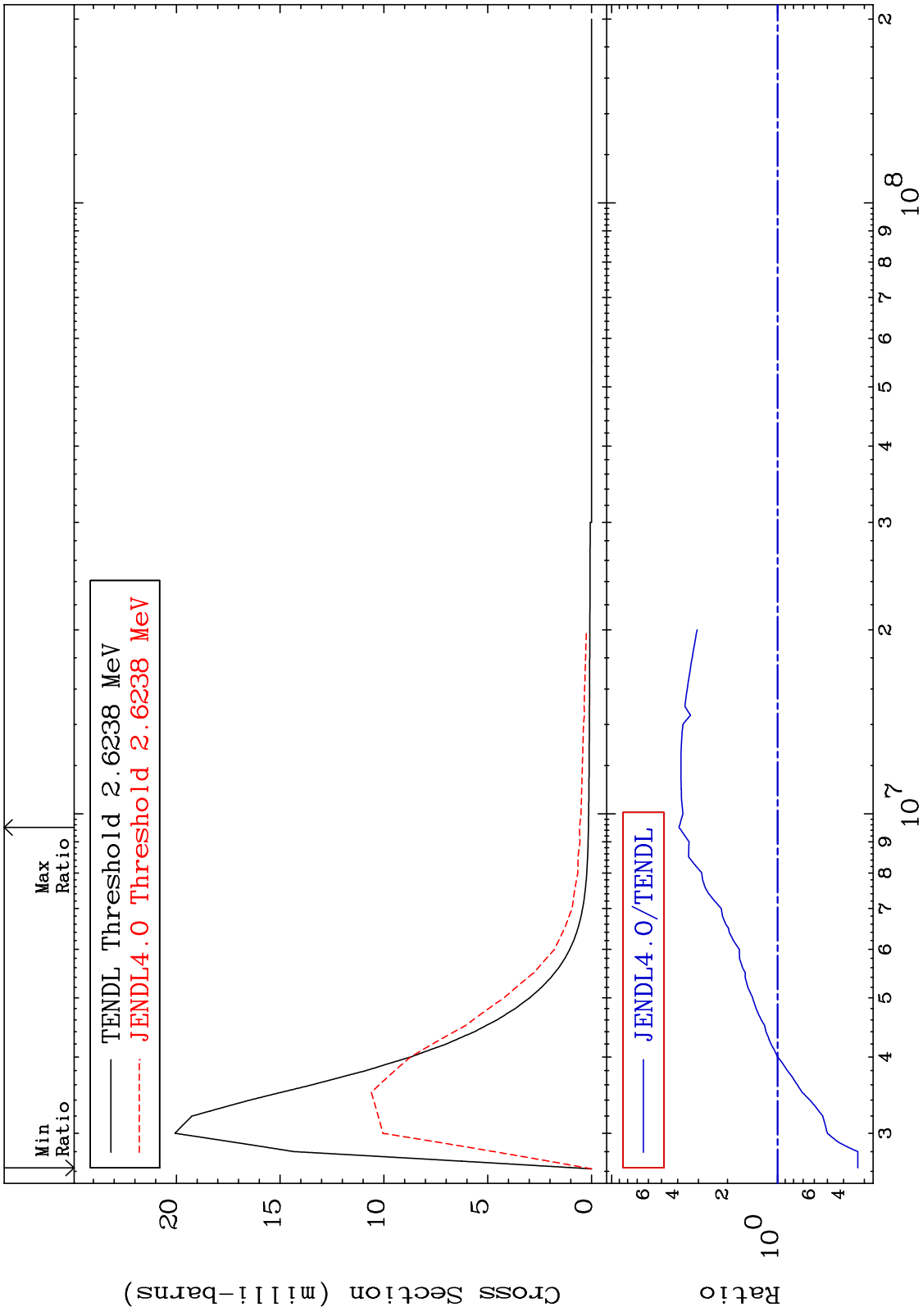
MAT 3646 MT= 77 (n,n') Level Cross Section 36-Kr-85  
 232.5 To 9999. %



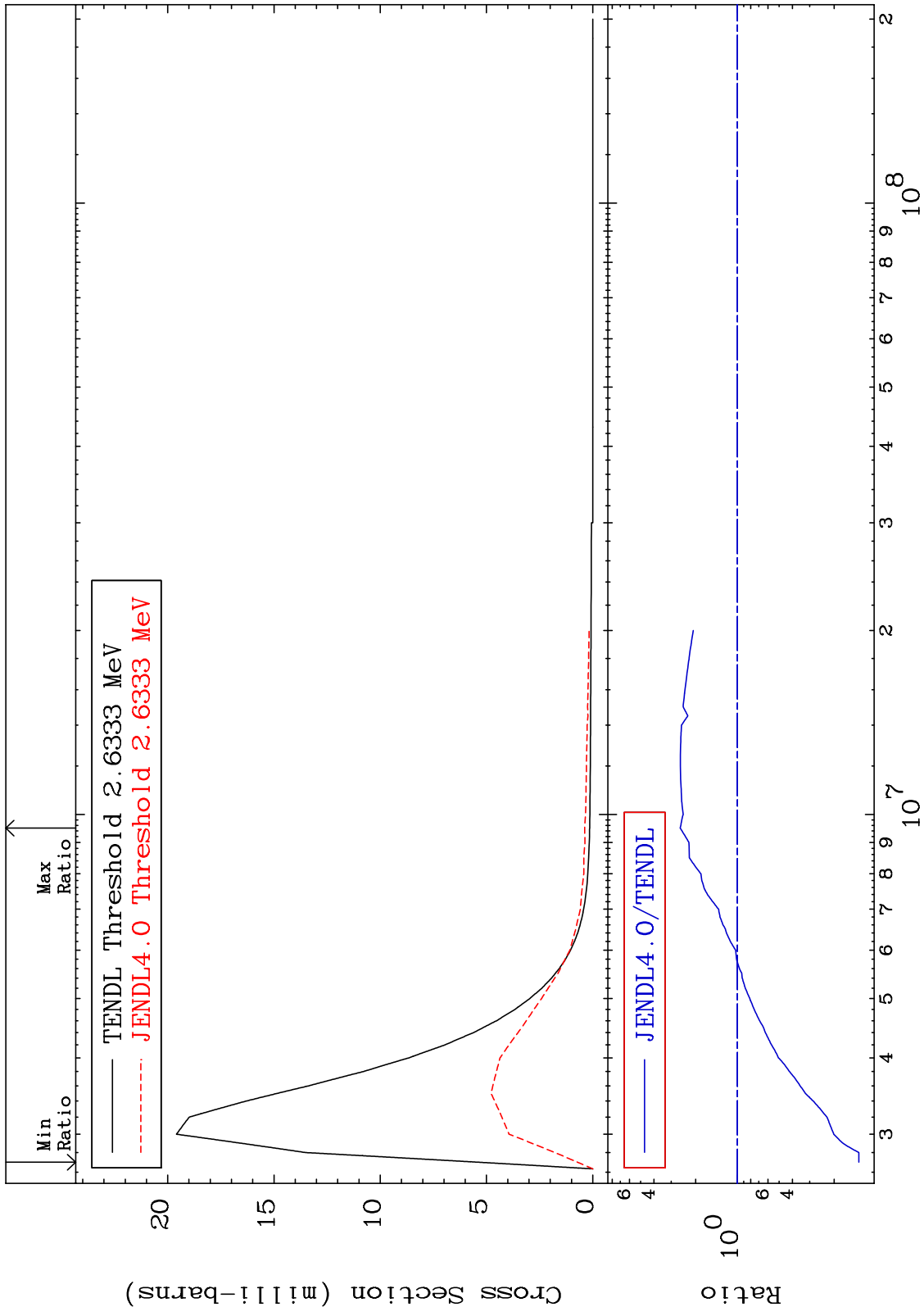
MAT 3646 MT= 78 (n,n') Level Cross Section 36-Kr-85 72.72 To 600.4 %



MAT 3646      MT= 79 (n,n') Level Cross Section      36-Kr-85  
 -67.19 To 292.2 %



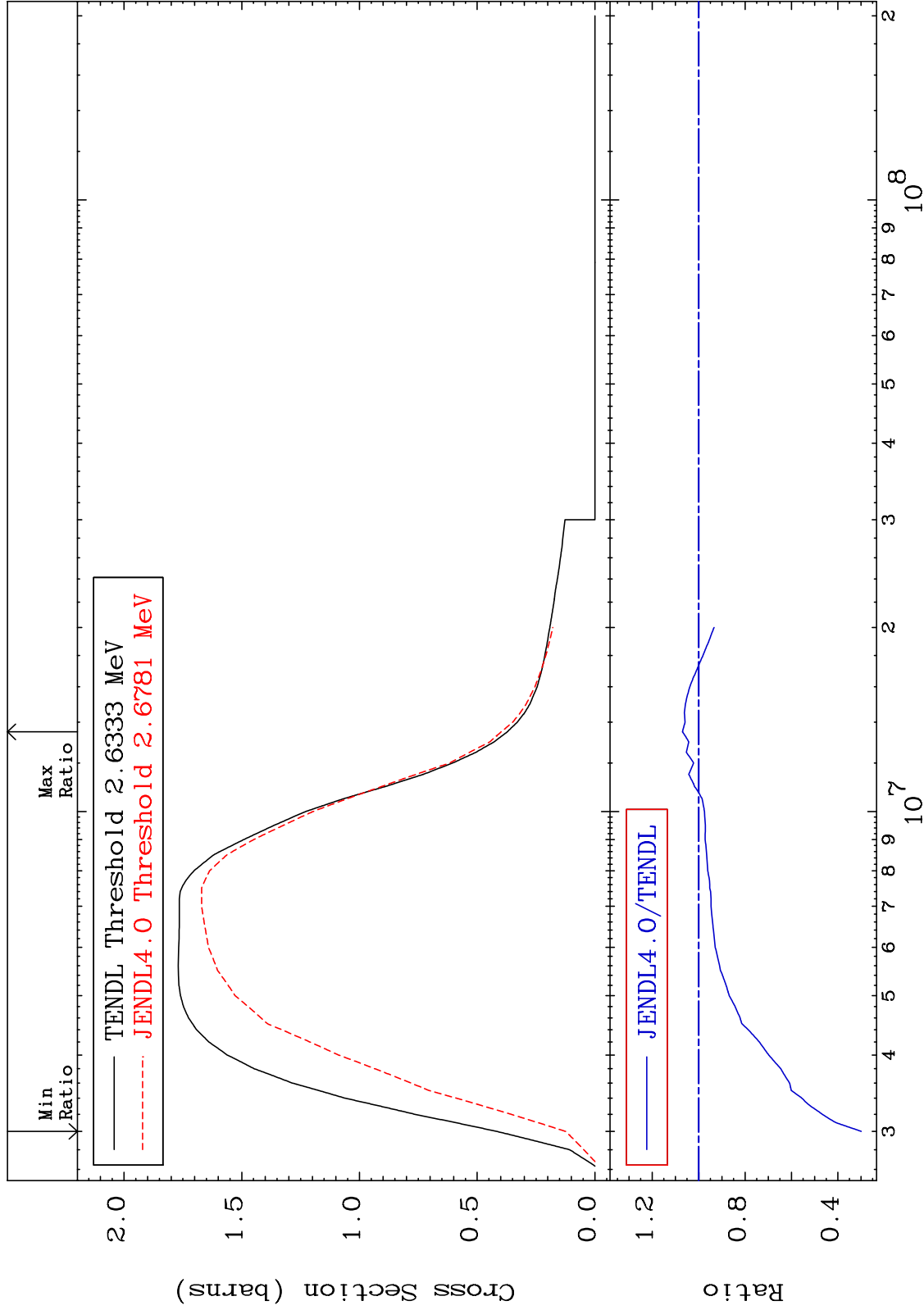
MAT 3646      MT= 80 (n,n') Level Cross Section      36-Kr-85  
 -86.74 To 158.4 %



MAT 3646

(n,n') Continuum  
Cross Section

36-Kr-85  
-70.16 To 6.999 %





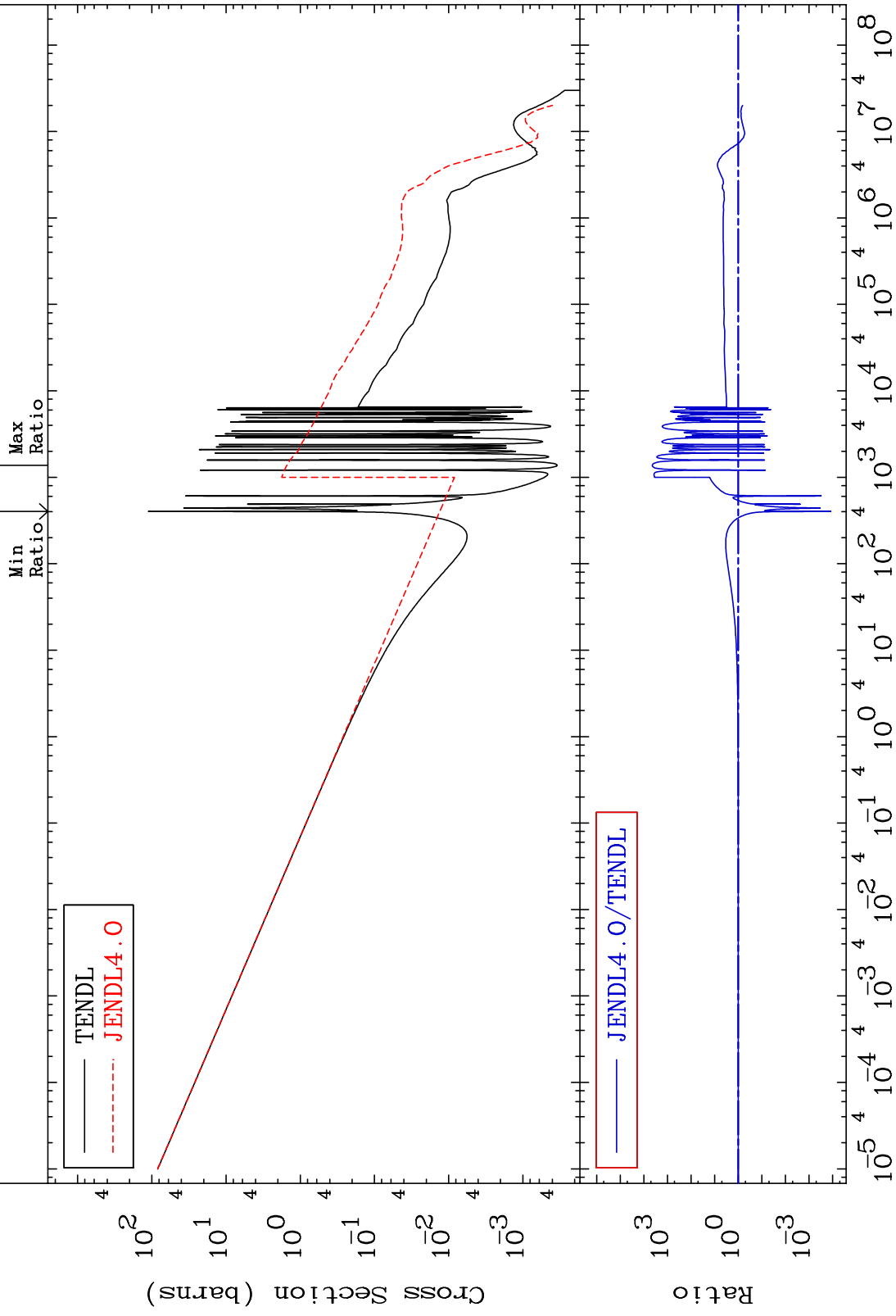
MAT 3646

(n,  $\gamma$ )

36-Kr-85

-99.99 To 9999. %

Cross Section

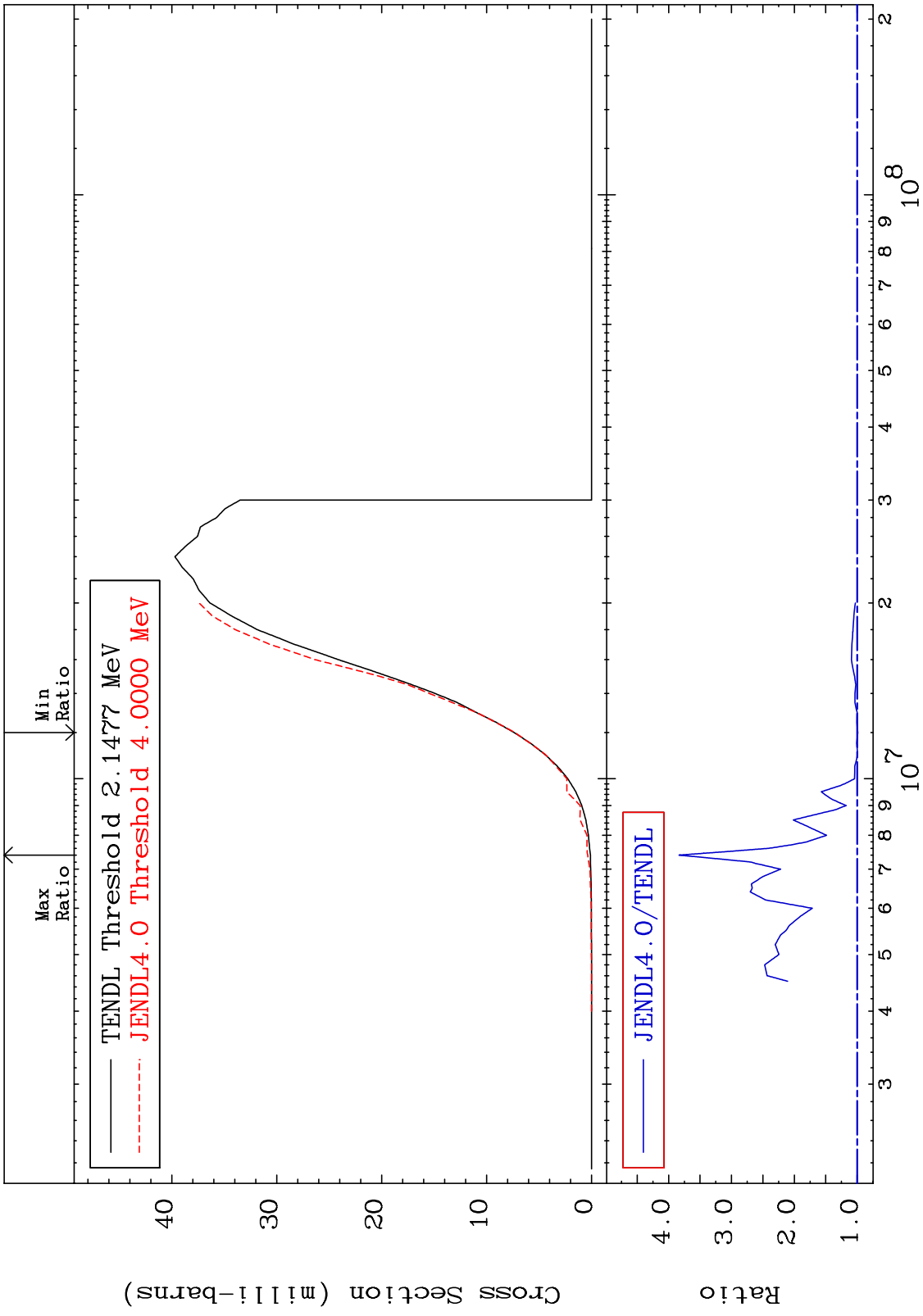


40

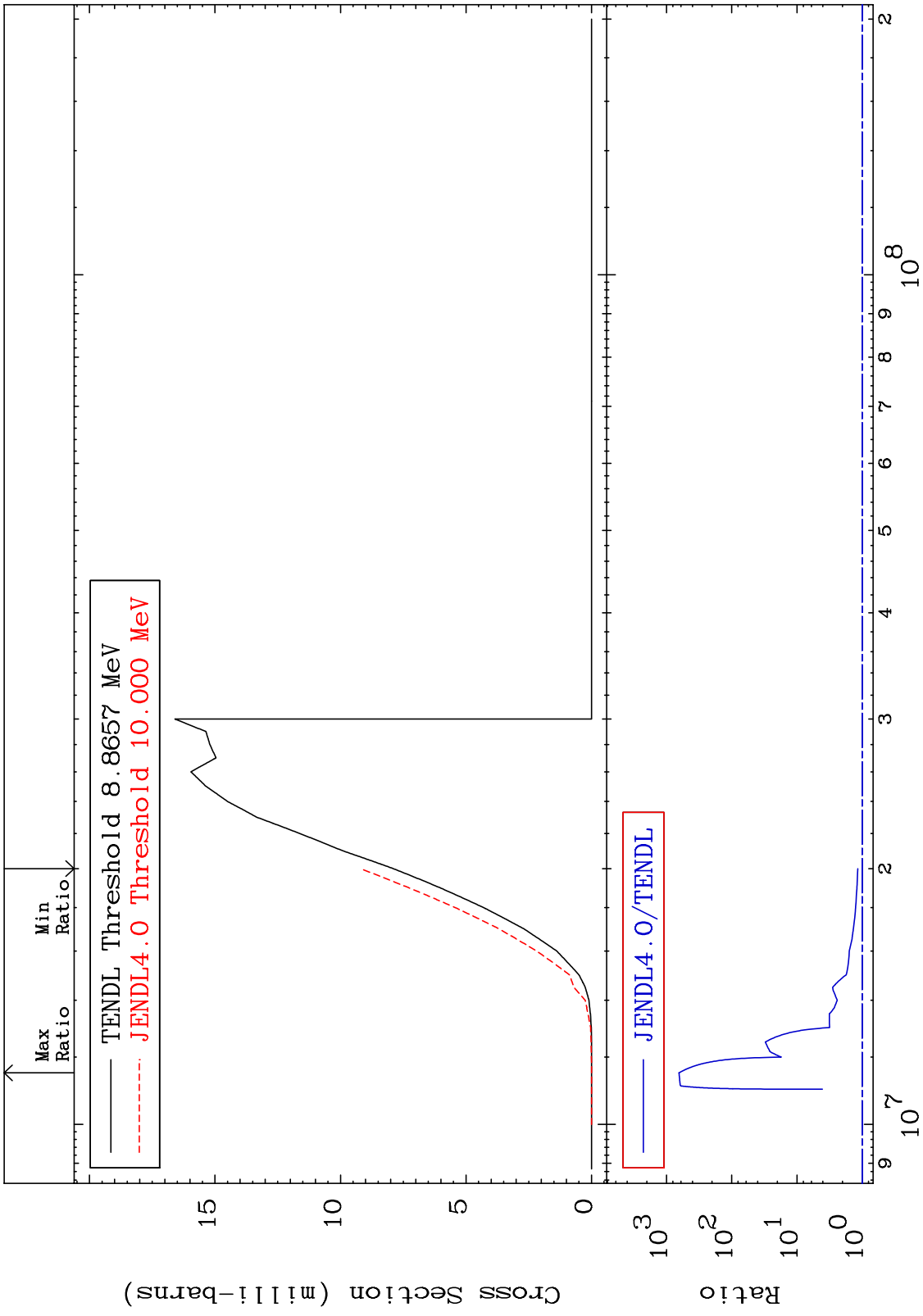
Incident Energy (eV)

36-Kr-85

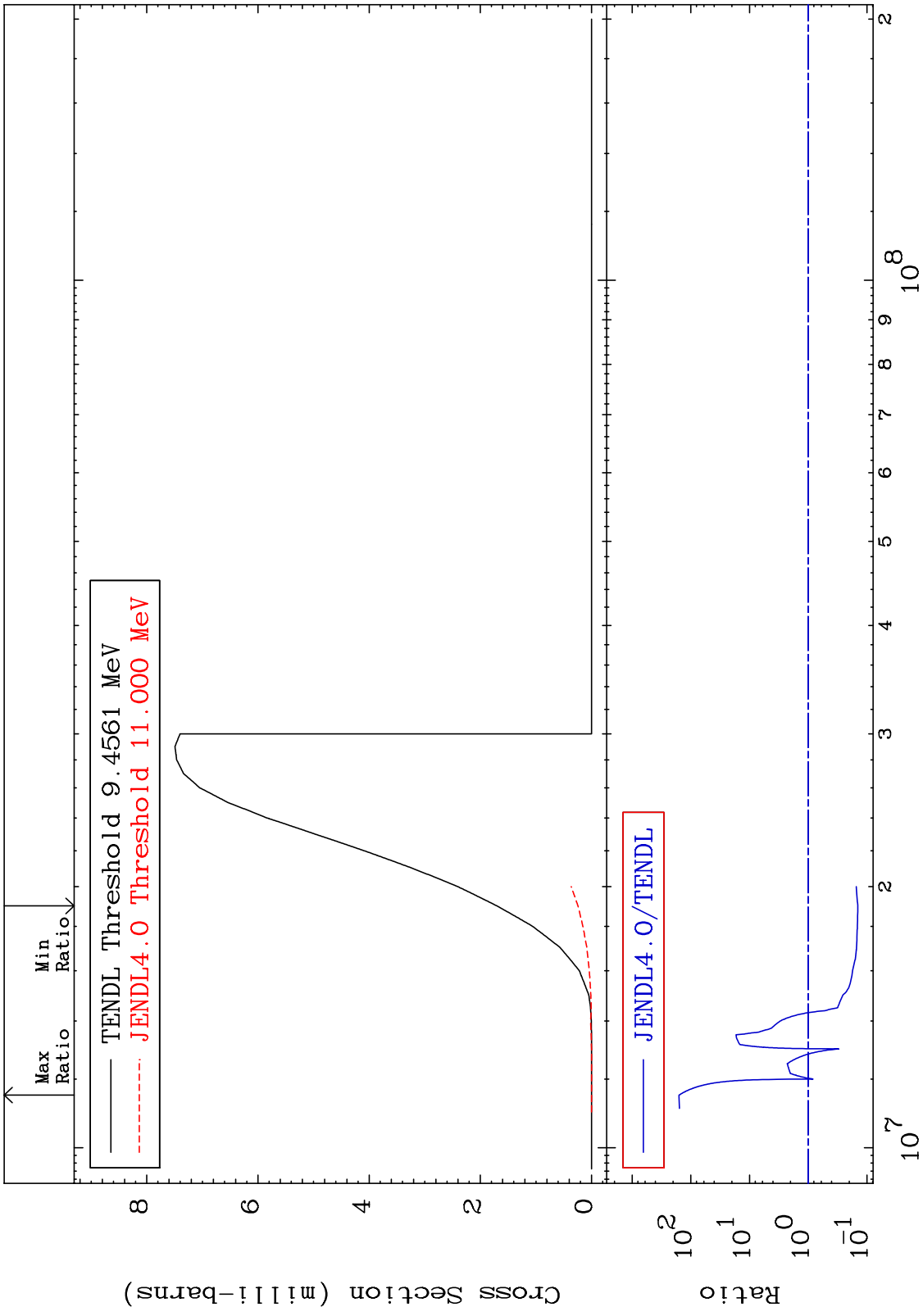
MAT 3646 <sup>36</sup>Kr-85 (n,p) Cross Section -1.084 To 283.4 %

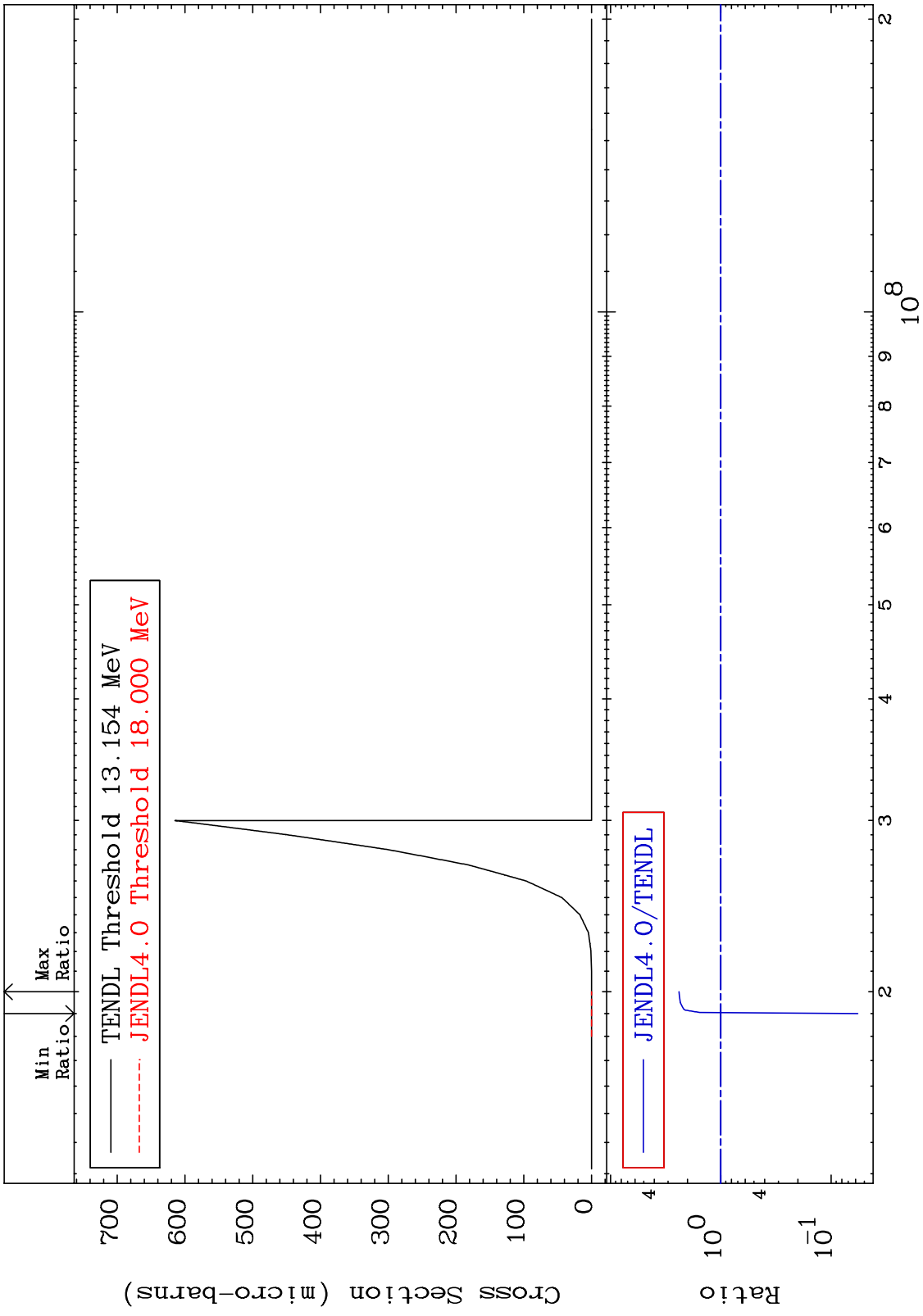


MAT 3646 (n,d) Cross Section 36-Kr-85  
 16.57 To 9999. %



MAT 3646 (n,t) 36-Kr-85  
Cross Section -85.70 To 9999. %





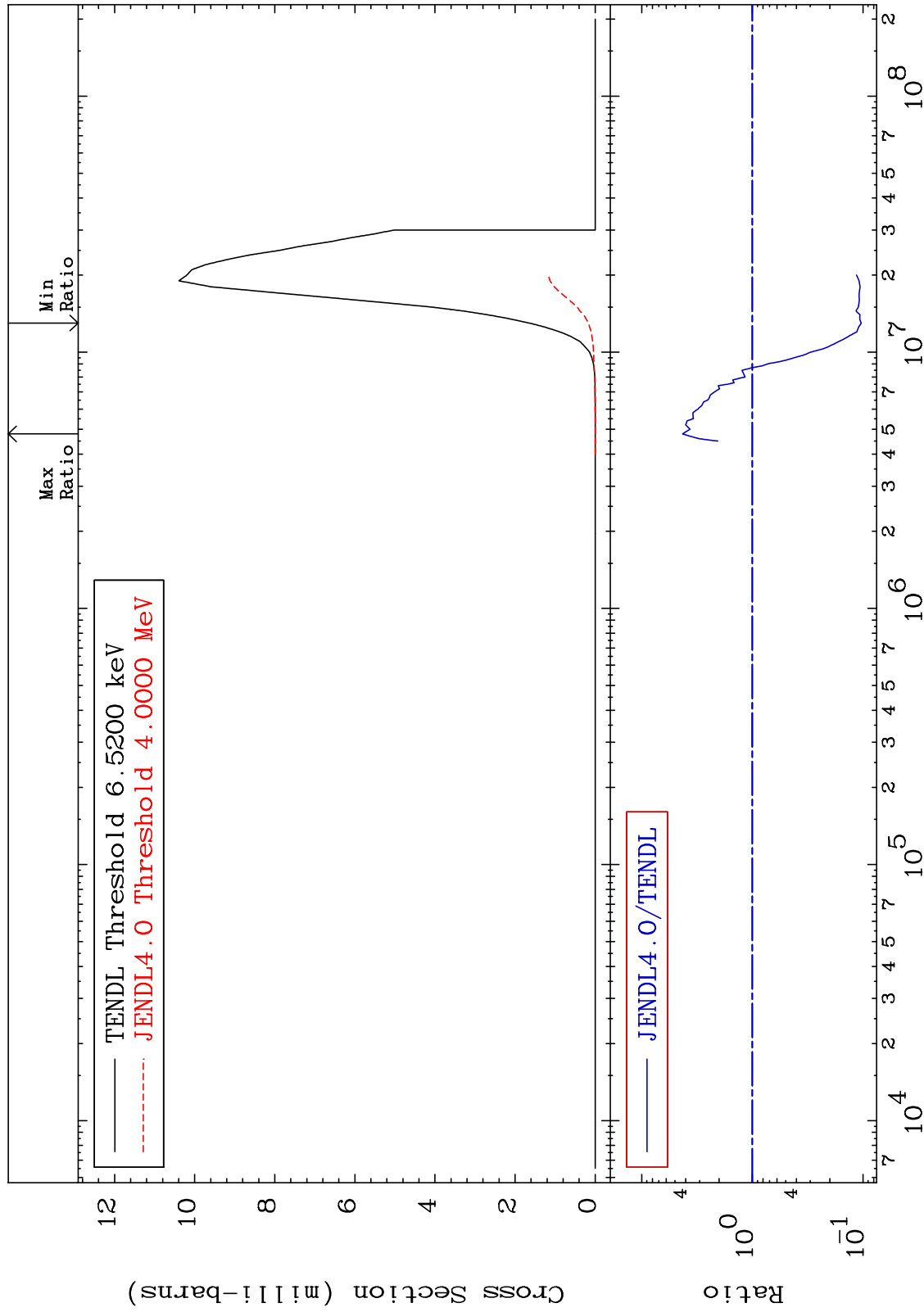
MAT 3646

(n,  $\alpha$ )

36-Kr-85

Cross Section

-89.64 To 326.3 %



45

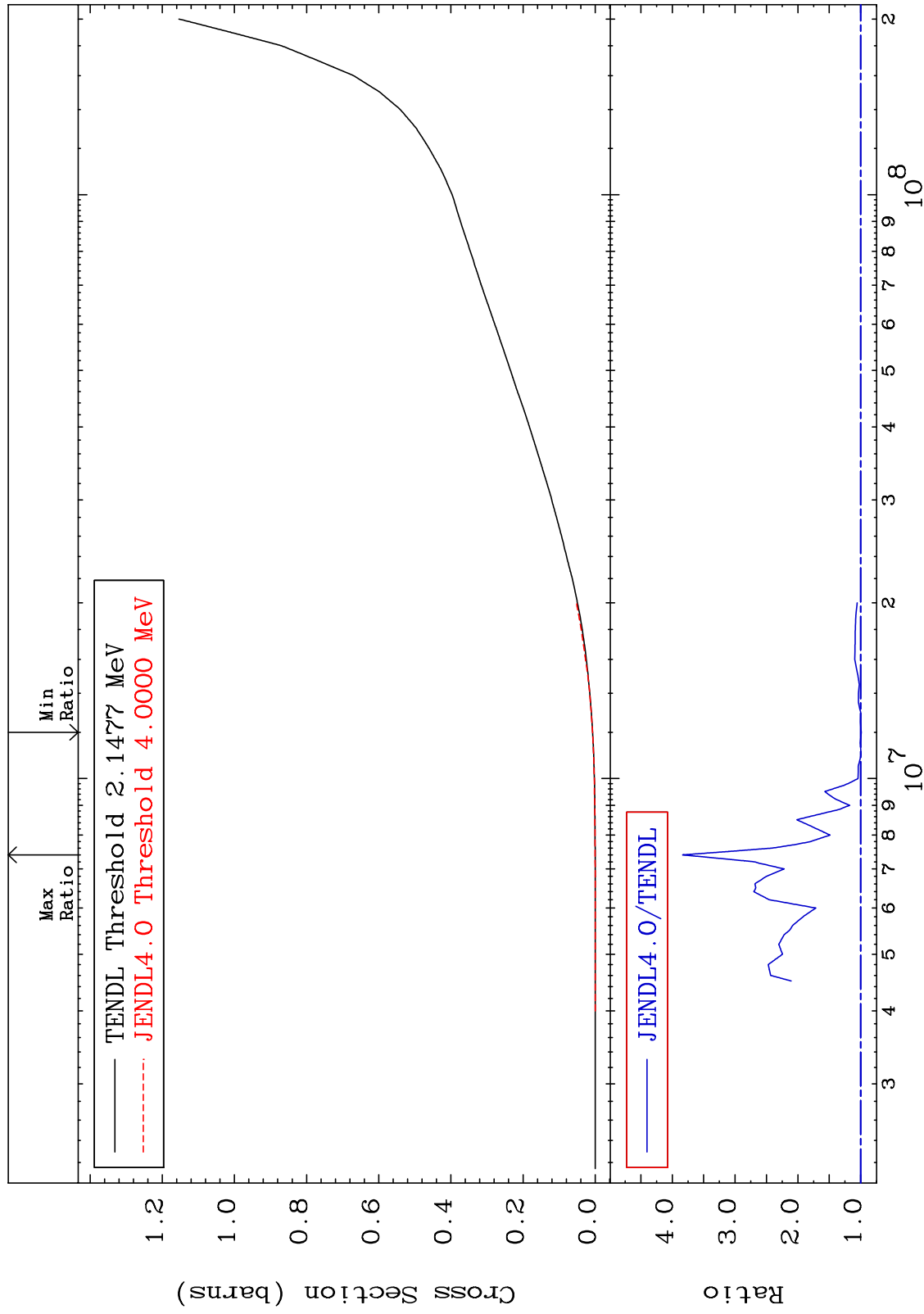
Incident Energy (eV)

36-Kr-85

MAT 3646

Hydrogen Production  
Cross Section

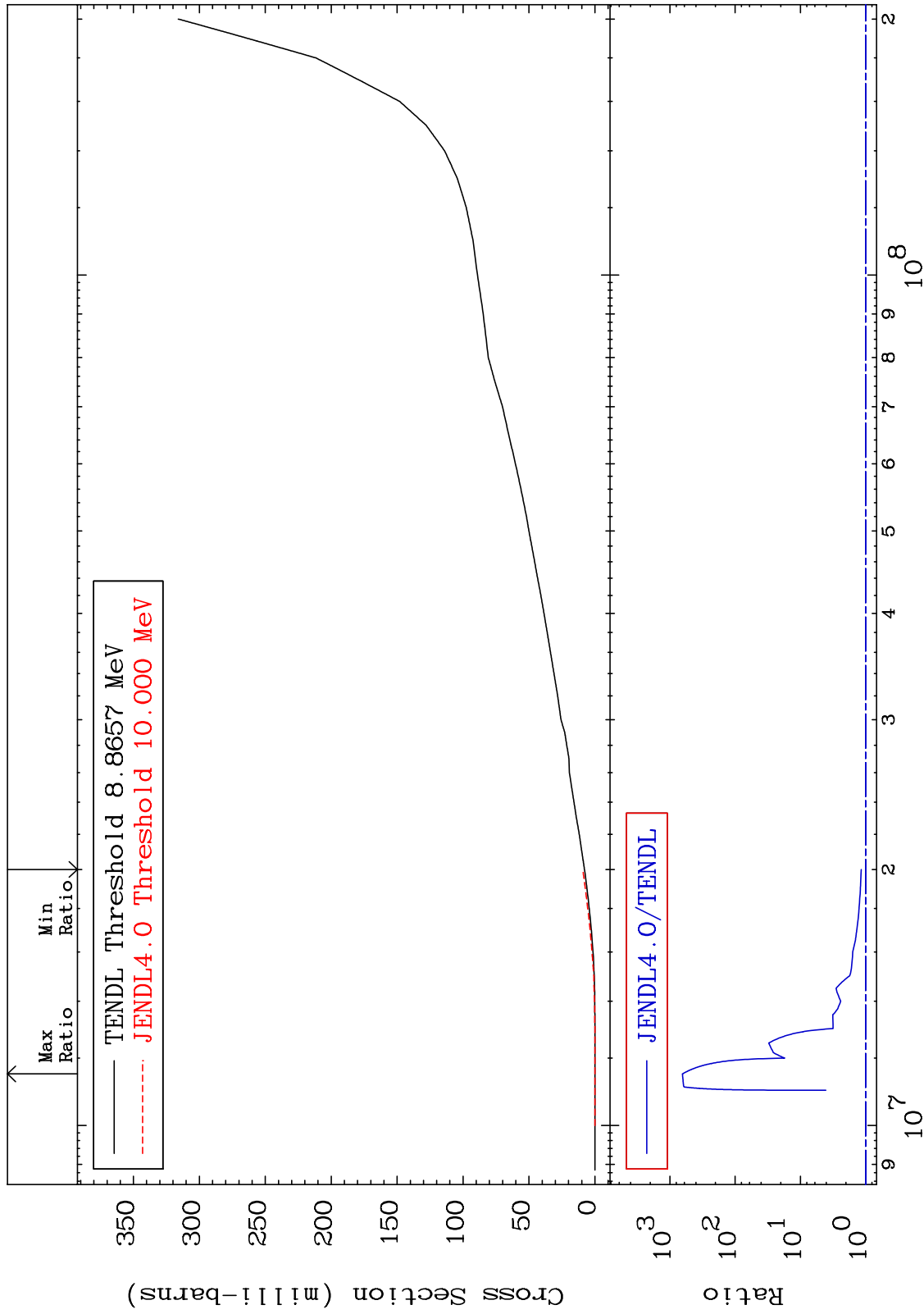
<sup>36</sup>Kr-85  
-1.084 To 283.4 %



MAT 3646

Deuterium Production  
Cross Section

36-Kr-85  
16.64 To 9999. %



47

Incident Energy (eV)

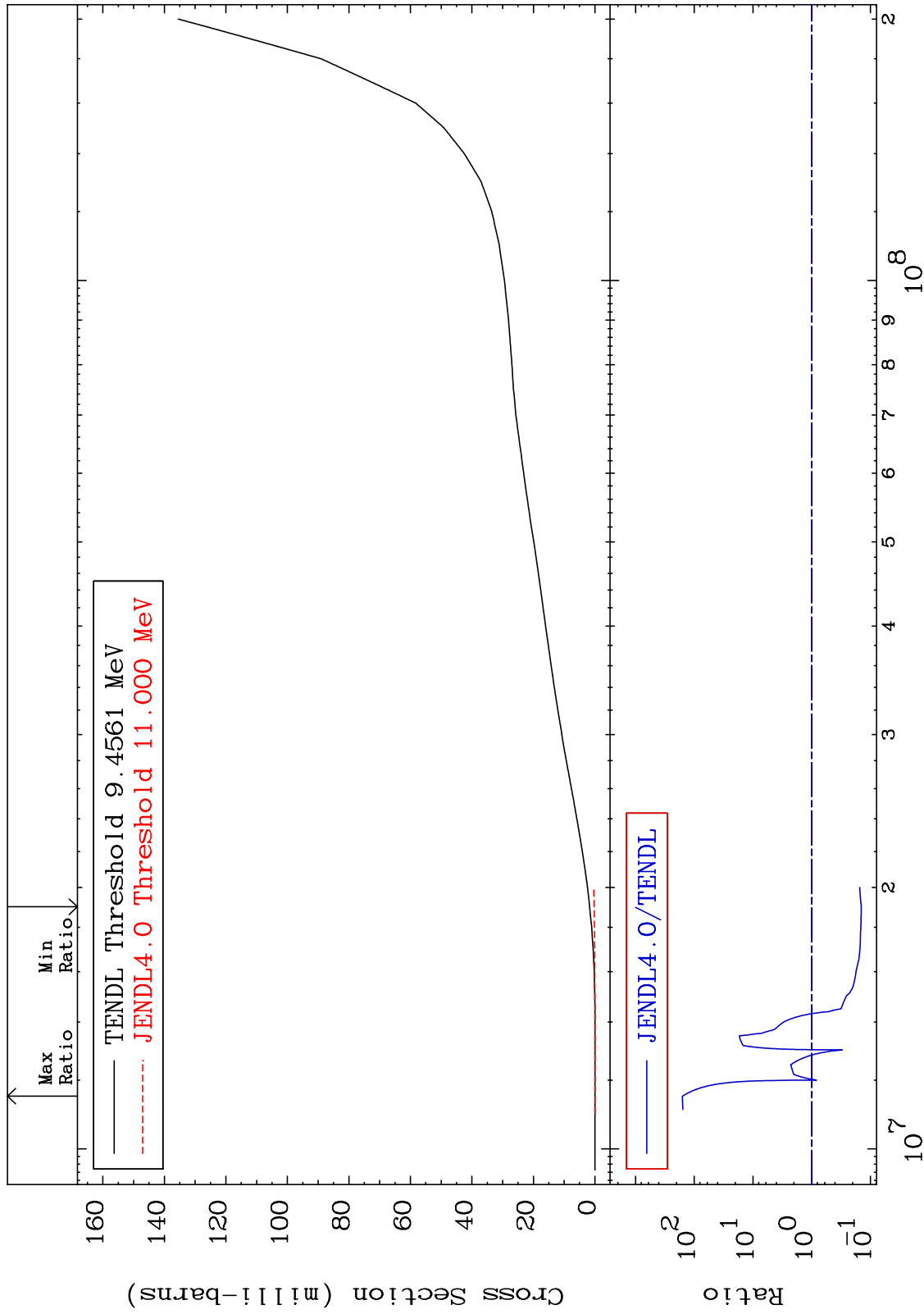
36-Kr-85



MAT 3646

Tritium Production  
Cross Section

36-Kr-85  
-85.70 To 9999. %



48

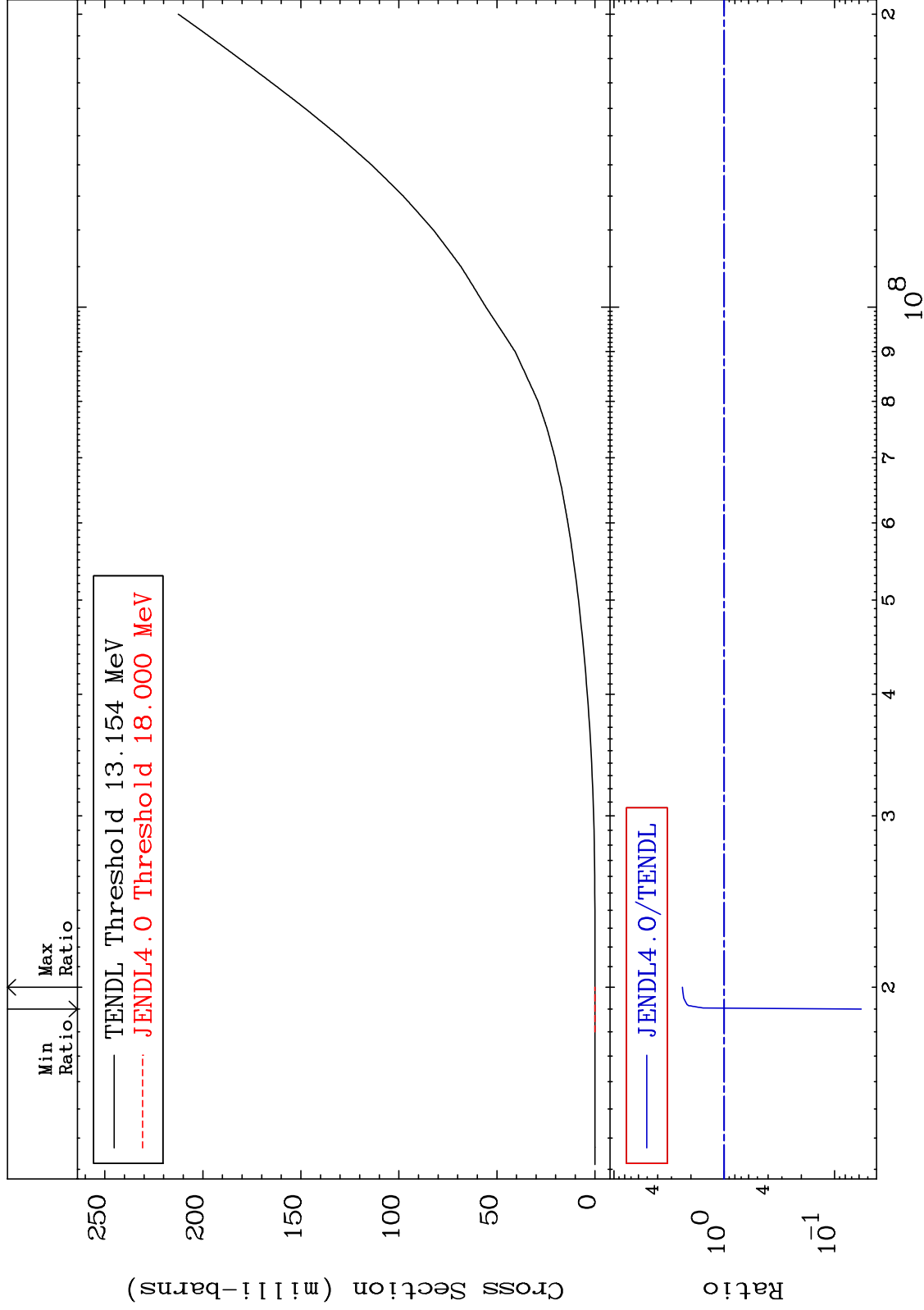
Incident Energy (eV)

36-Kr-85

MAT 3646

He-3 Production  
Cross Section

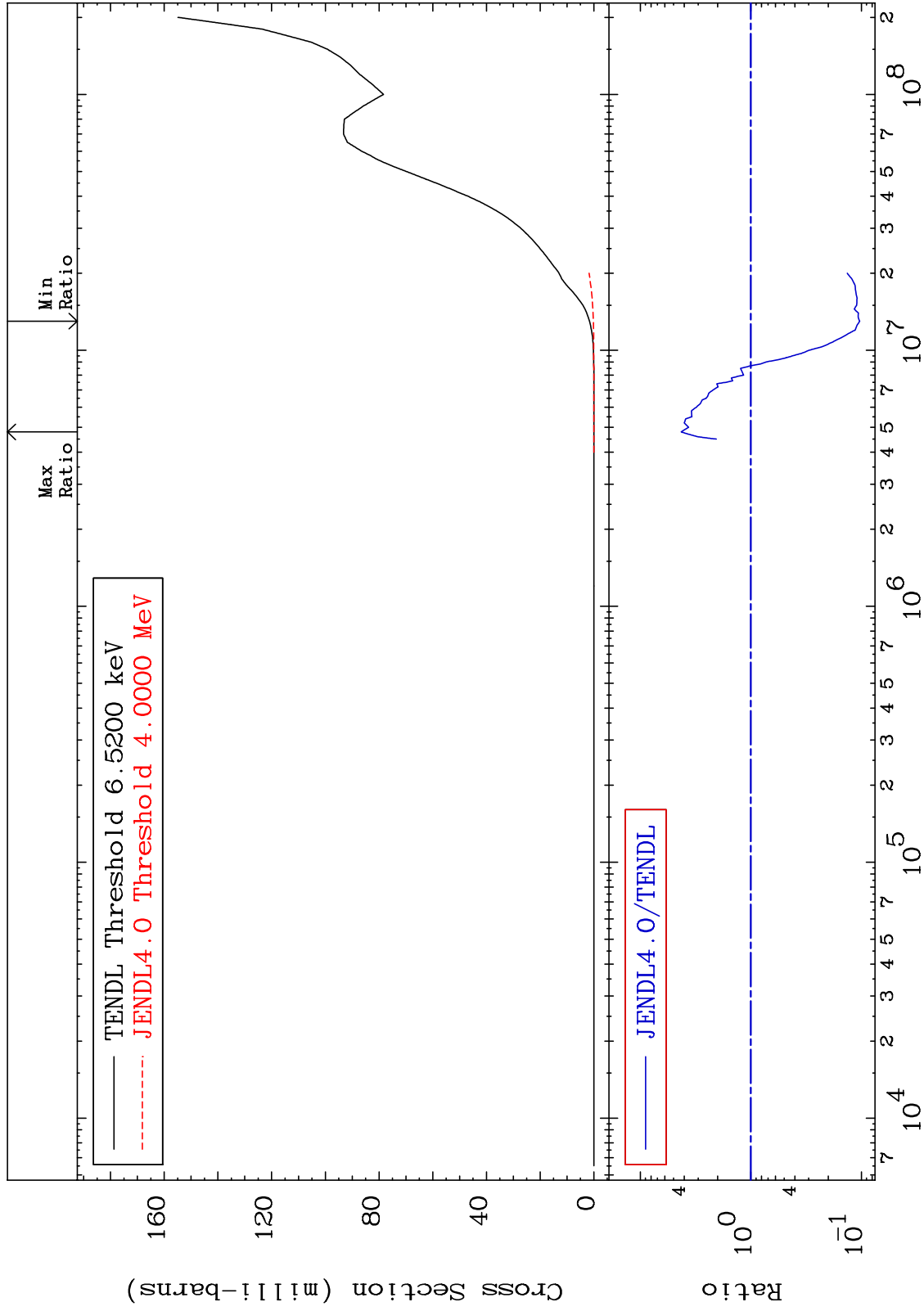
36-Kr-85  
-94.28 To 139.0 %



MAT 3646

He-4 Production  
Cross Section

36-Kr-85  
-89.64 To 326.3 %

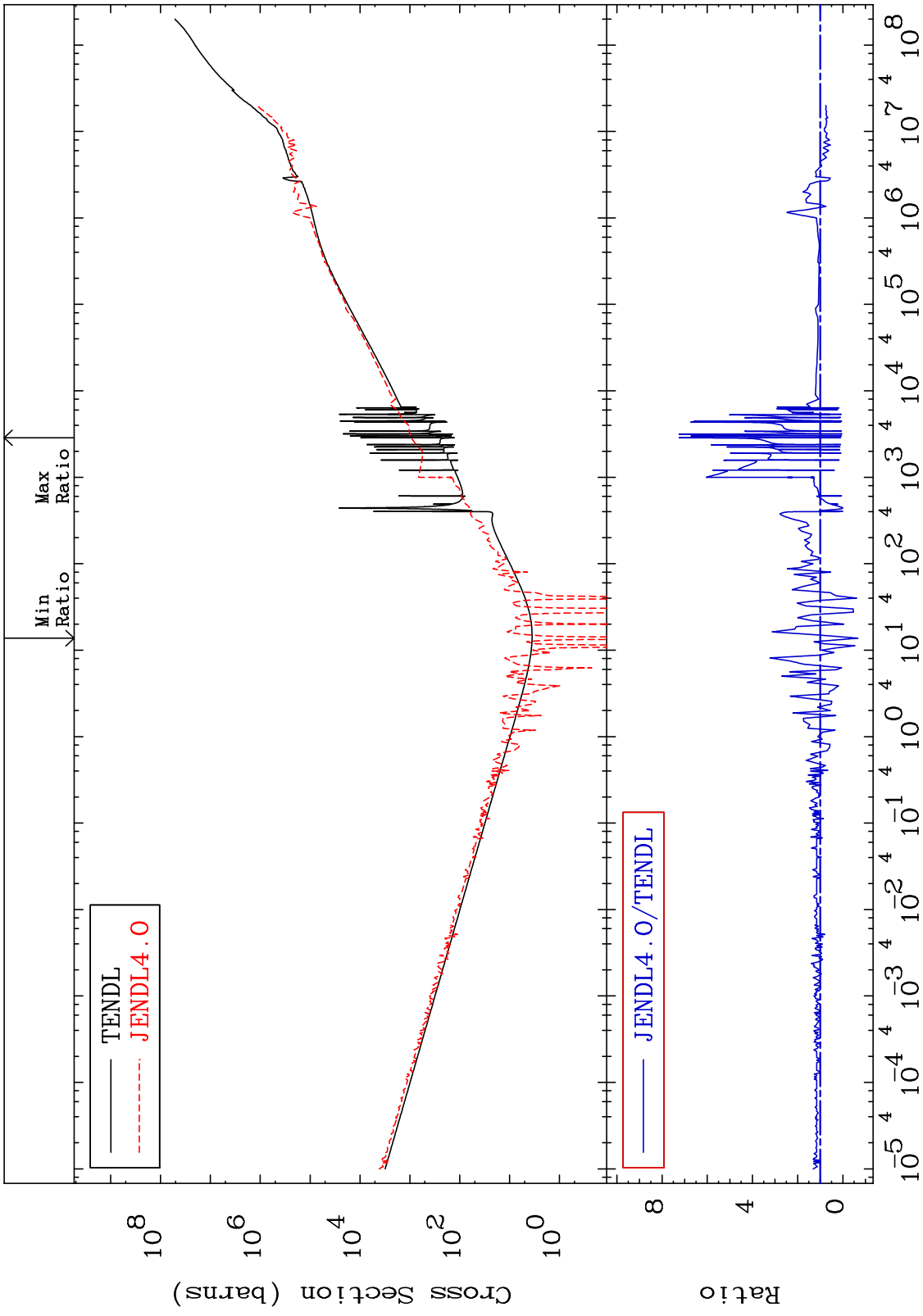


50

Incident Energy (eV)

36-Kr-85

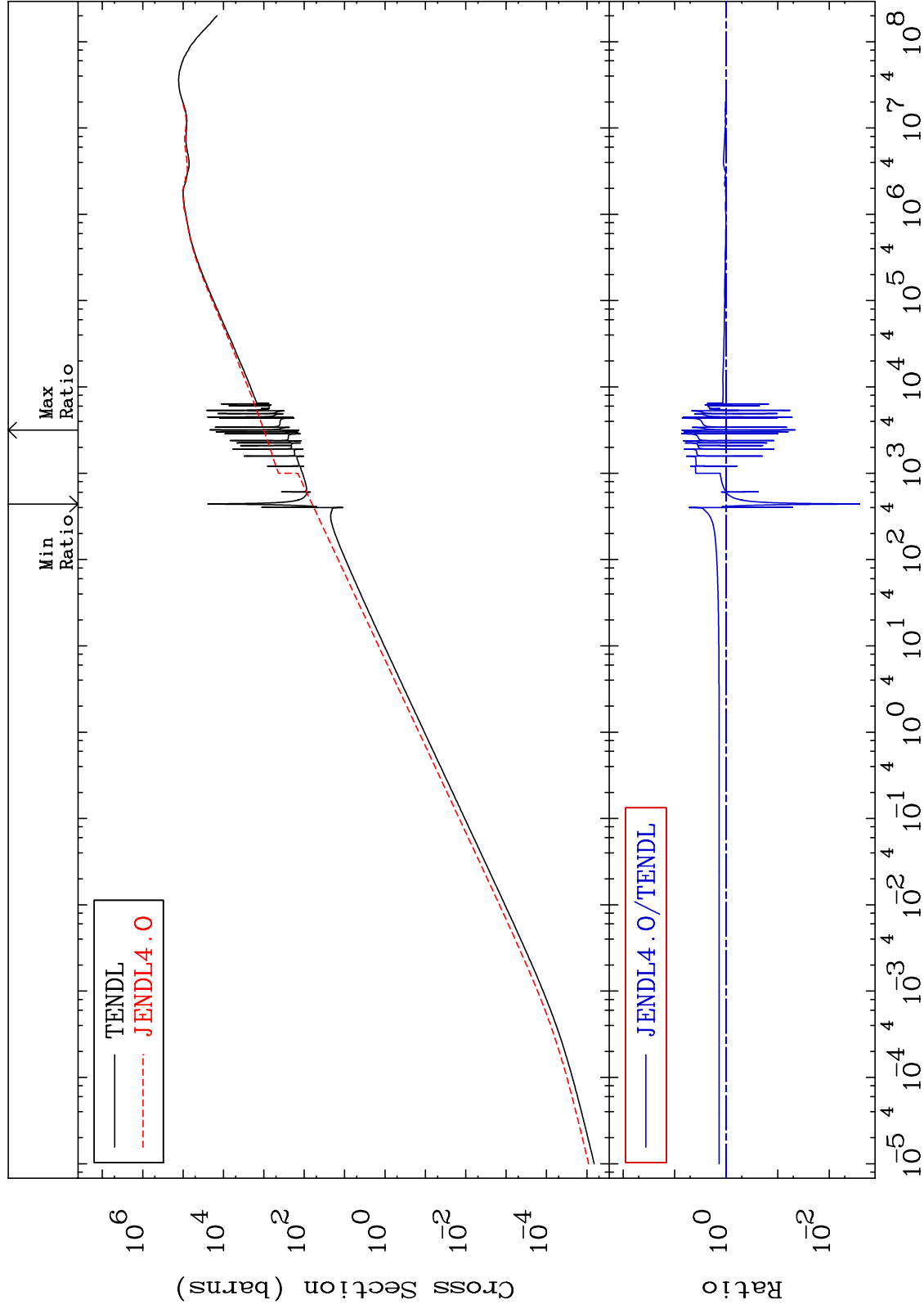
MAT 3646 Kerma total (eV-barns) 36-Kr-85  
 Cross Section -166.4 To 624.9 %



MAT 3646

Kerma elastic  
Cross Section

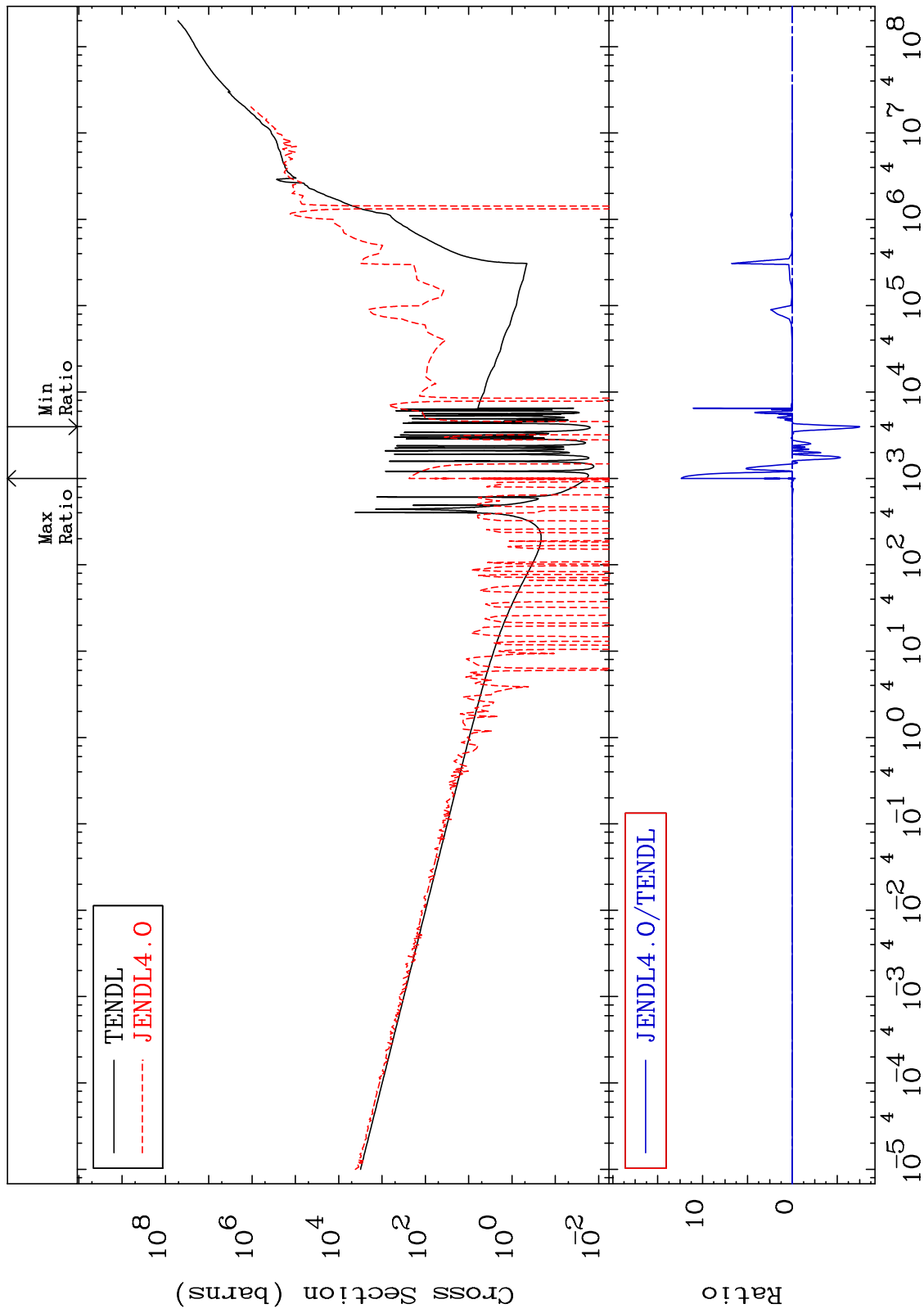
36-Kr-85  
-99.74 To 637.5 %

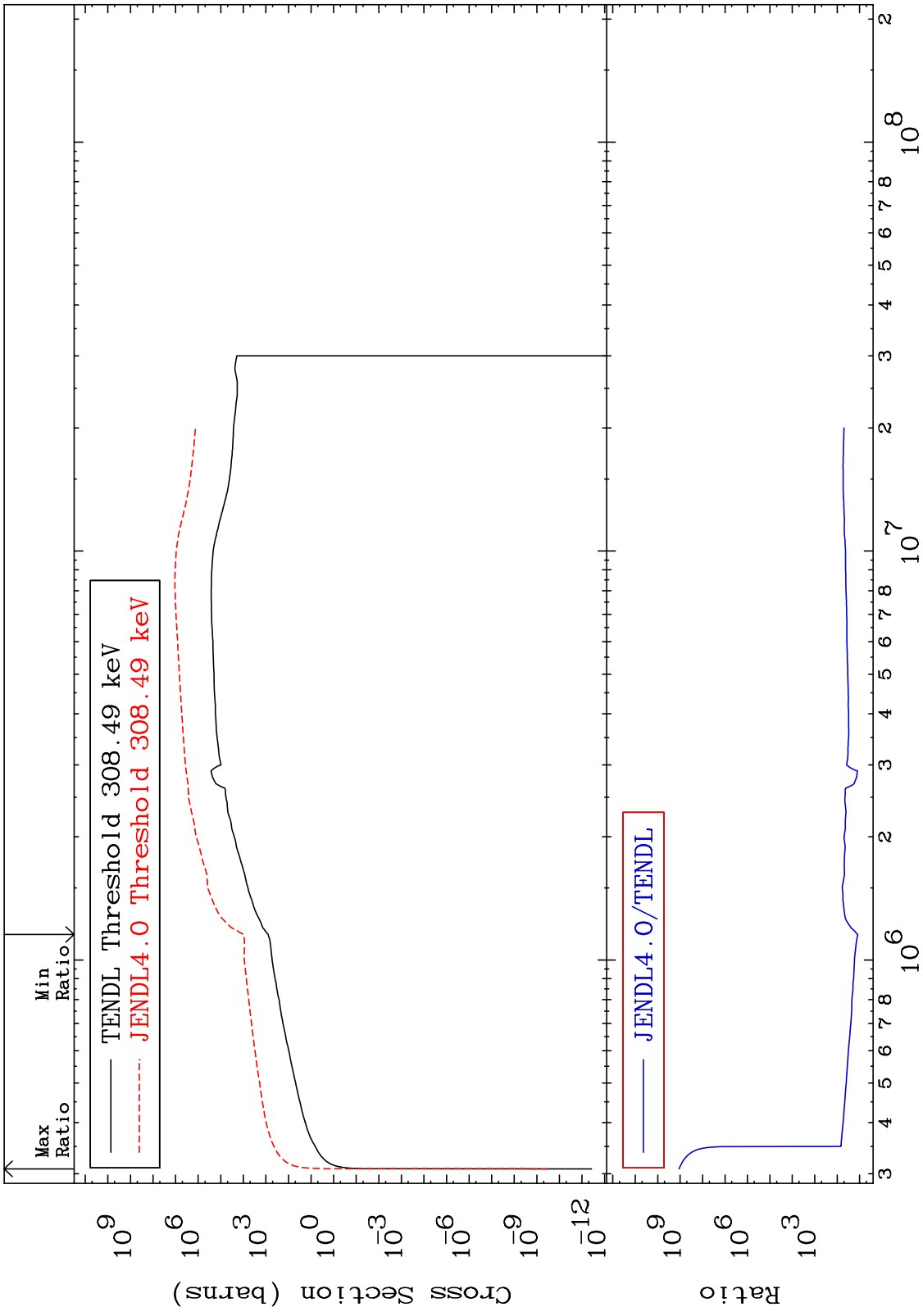


MAT 3646

Kerma non-elastic (all but mt2)  
Cross Section

36-Kr-85  
-9999. To 9999. %

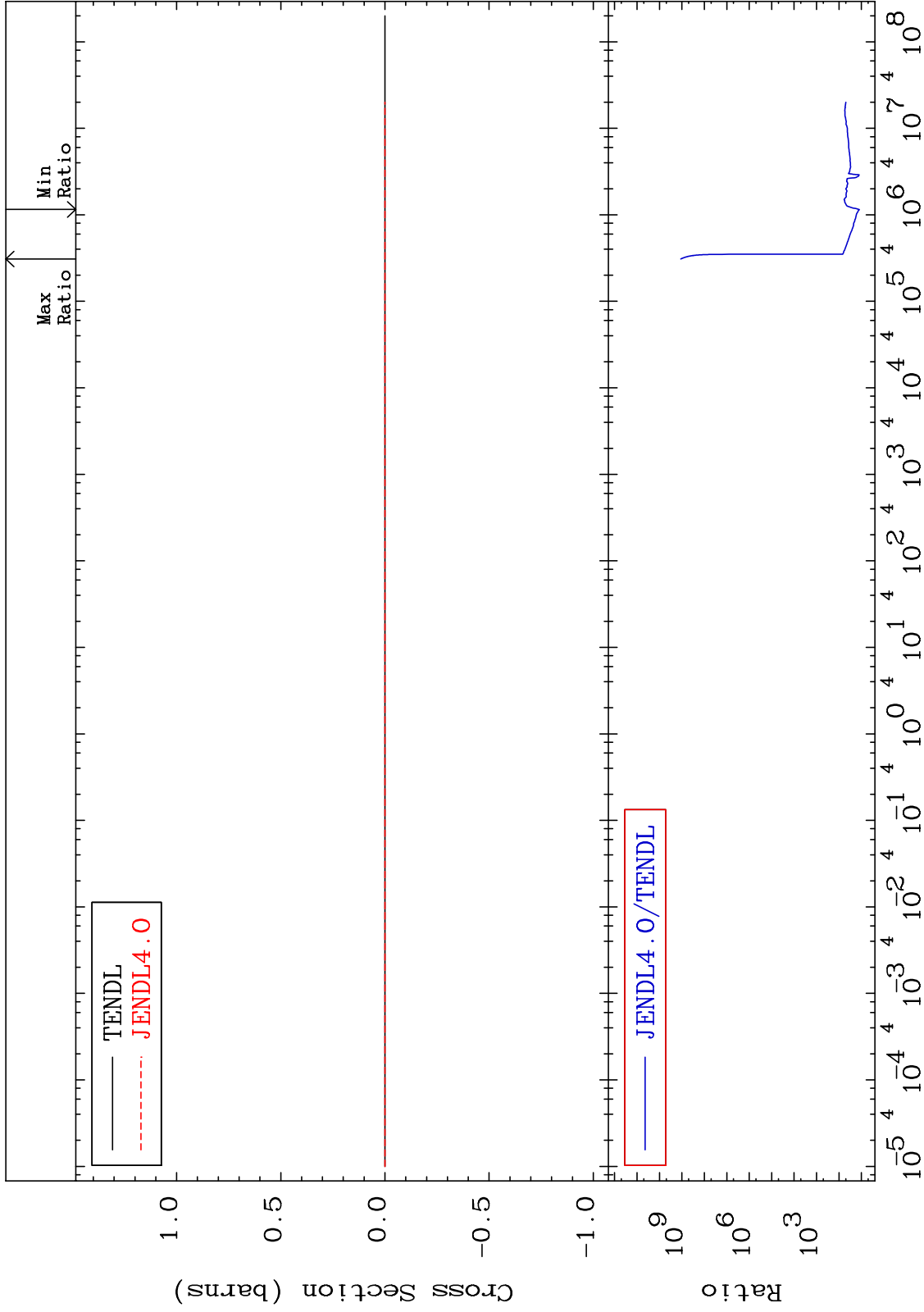




MAT 3646

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

36-Kr-85  
1100. To 9999. %

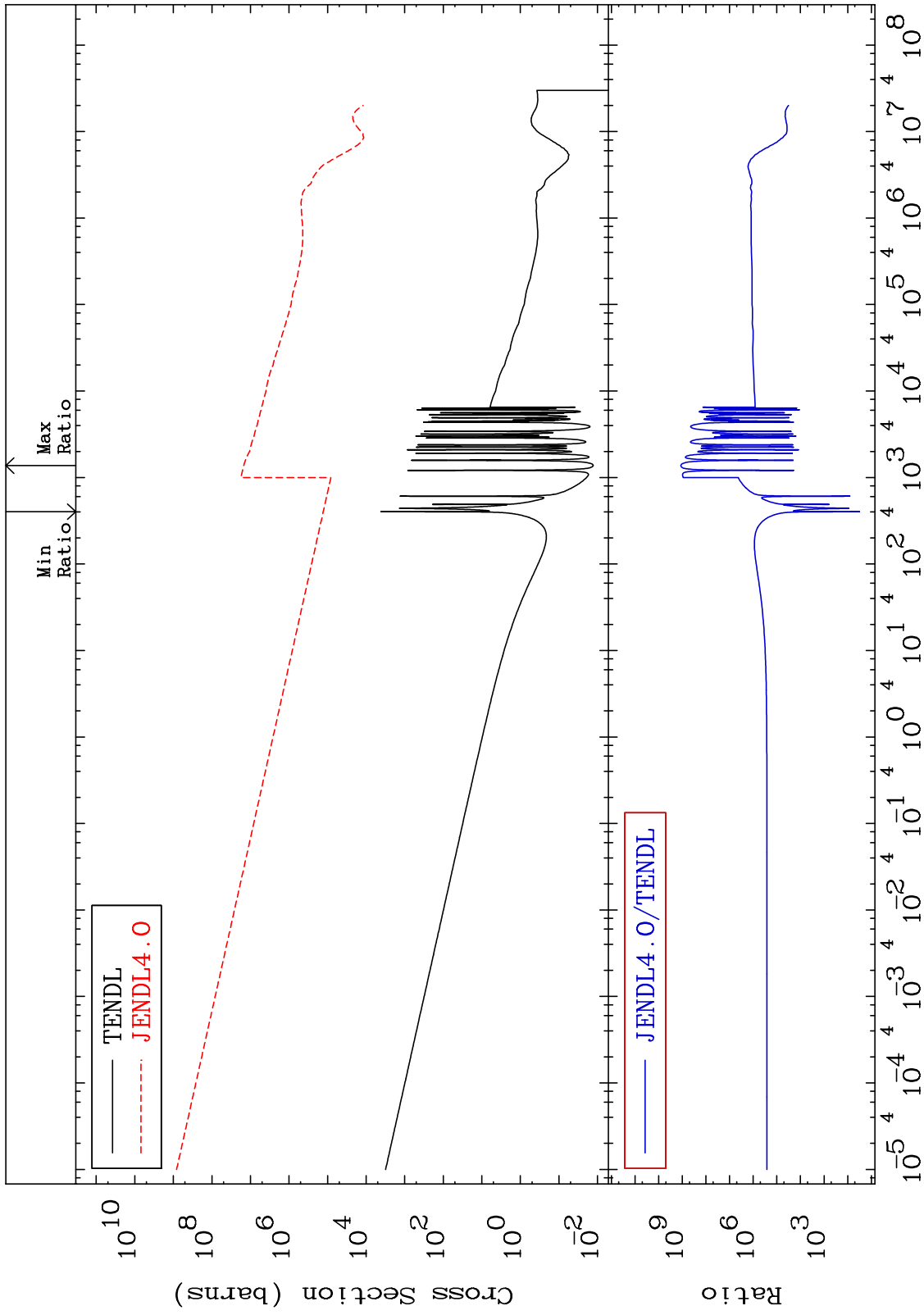




MAT 3646

Kerma capture (mt102)  
Cross Section

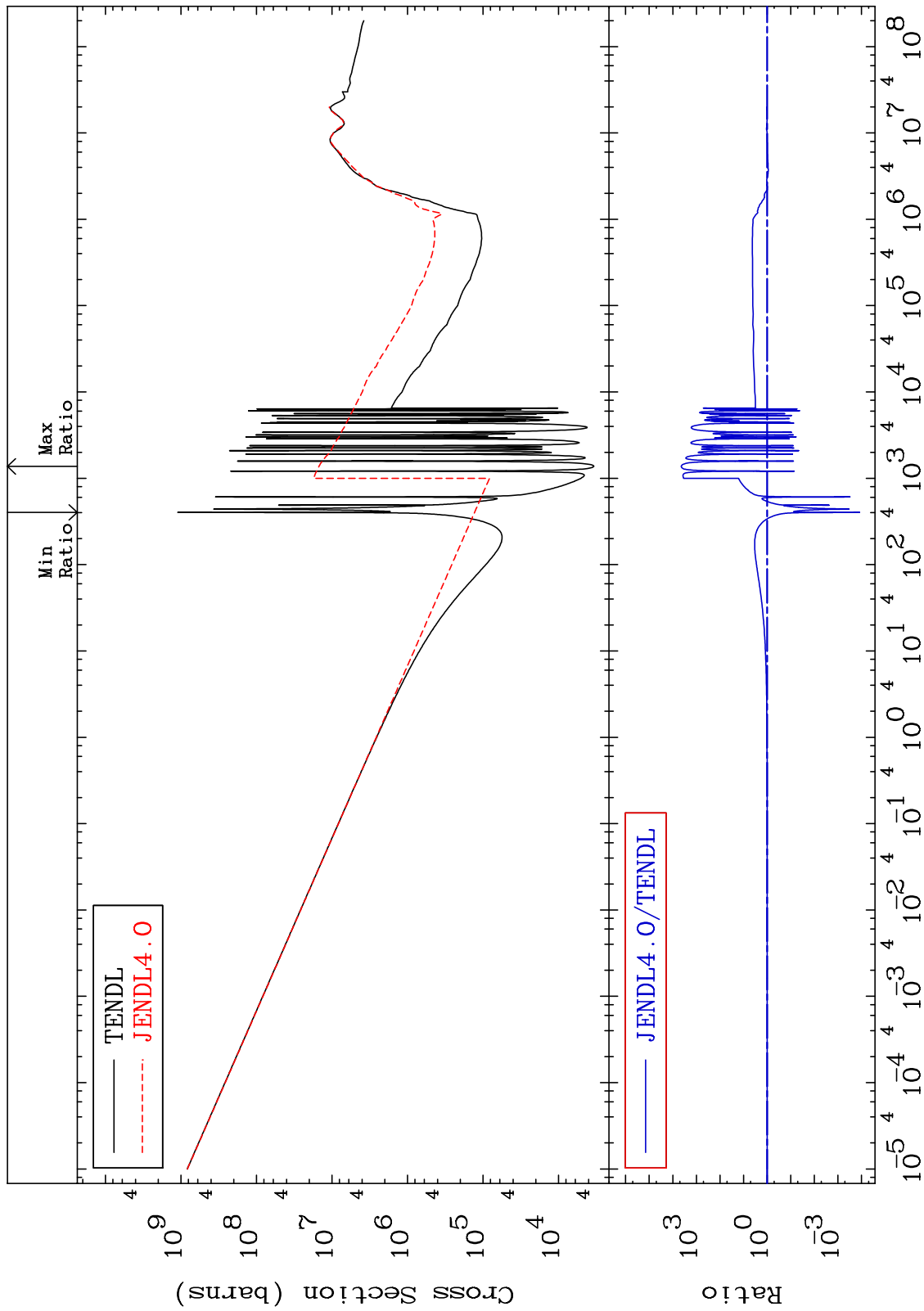
36-Kr-85  
3021. To 9999. %



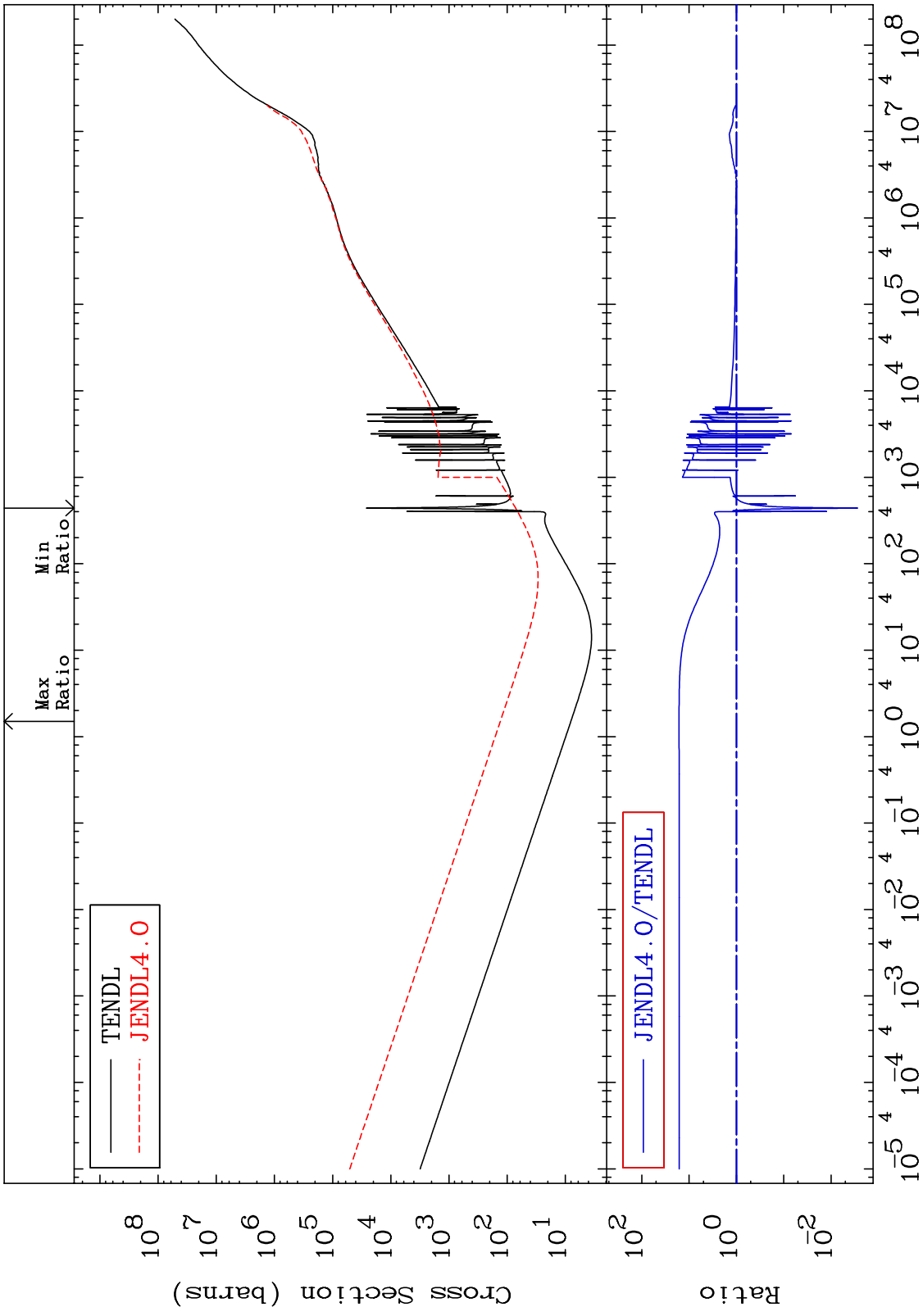
MAT 3646

Total photon (eV-barns)  
Cross Section

36-Kr-85  
-99.99 To 9999. %



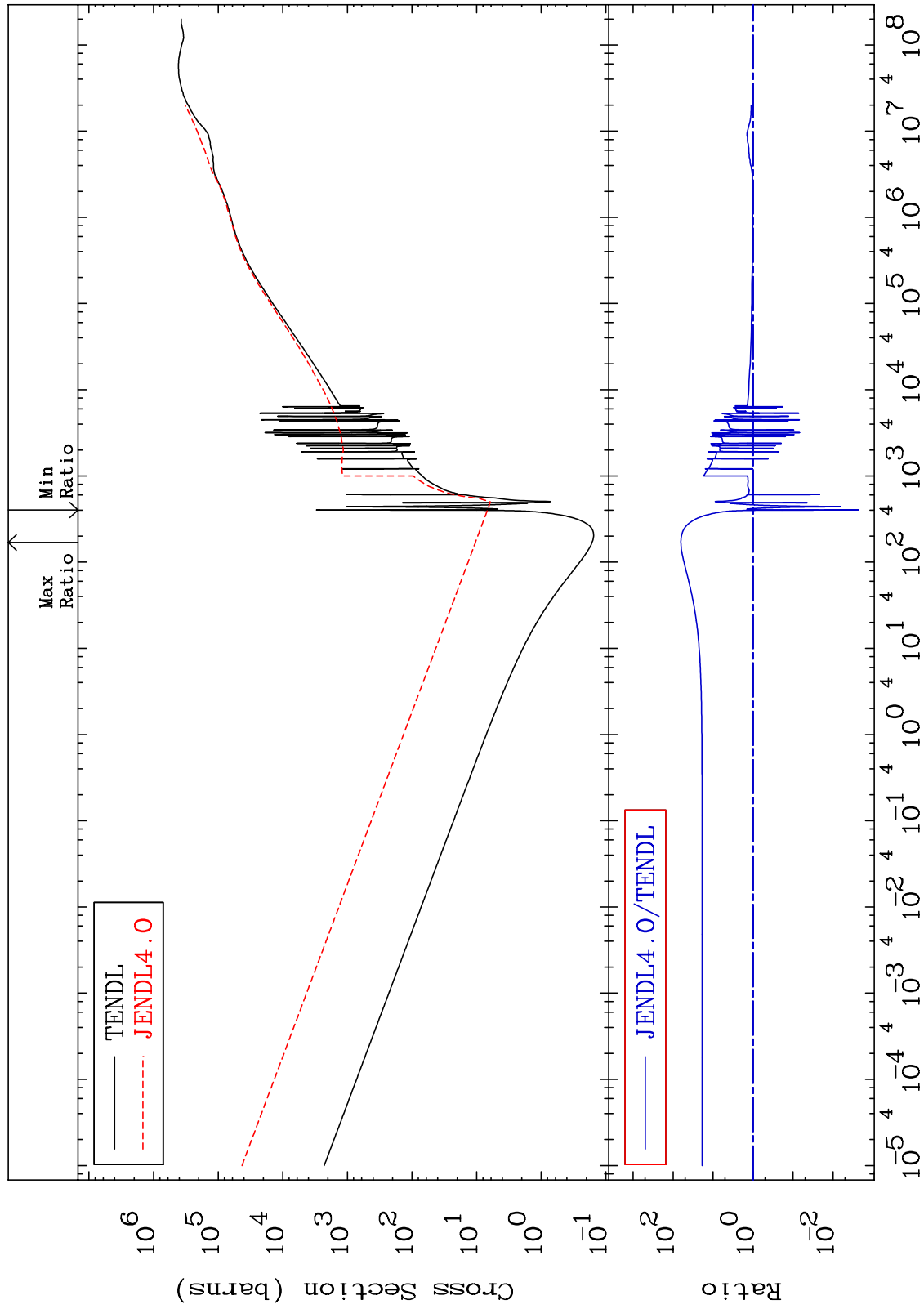
MAT 3646 Total kinematic kerma (high limit) 36-Kr-85  
 Cross Section -99.73 To 1534. %



MAT 3646

Dpa total (eV-barns)  
Cross Section

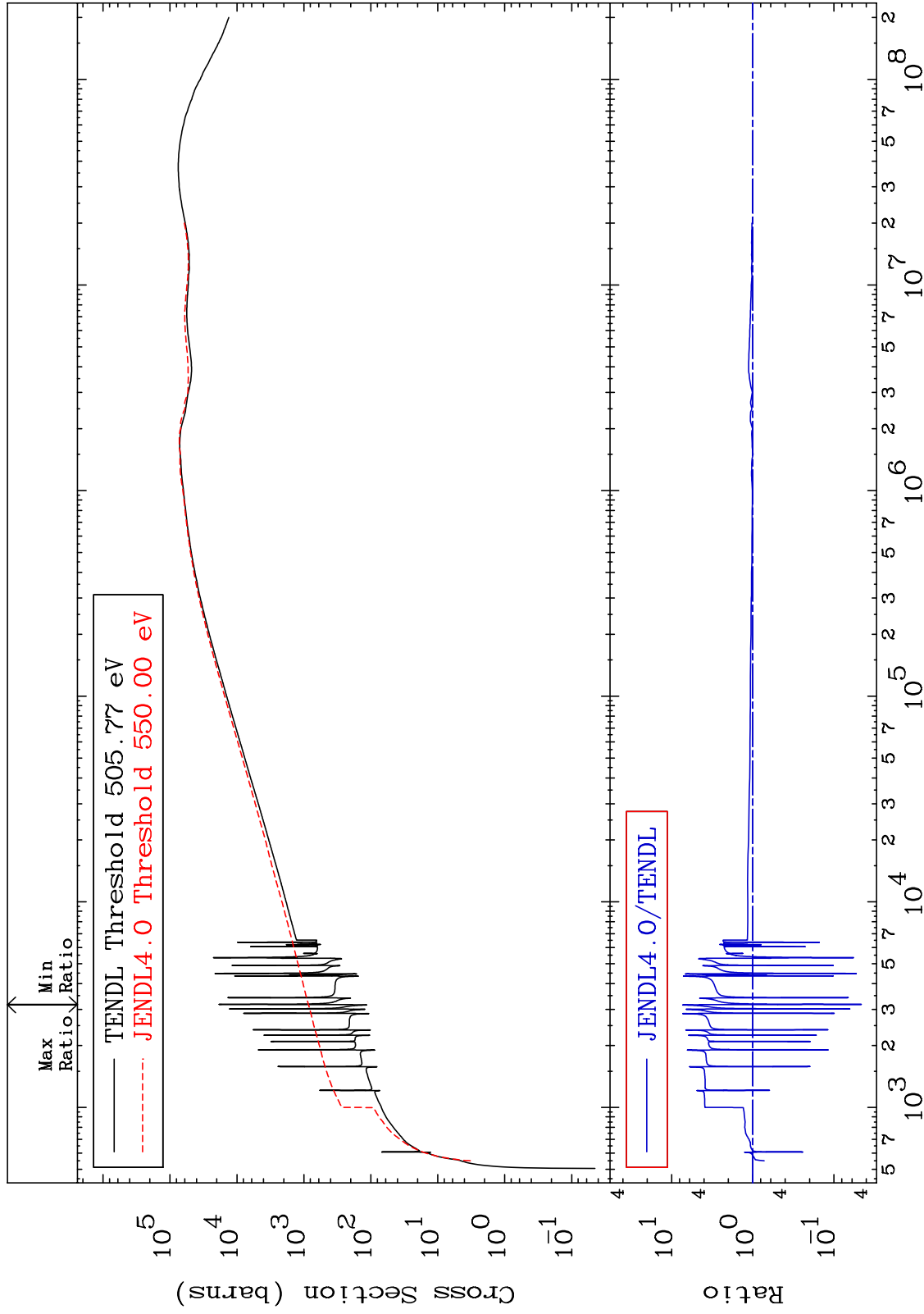
36-Kr-85  
-99.78 To 6286. %



MAT 3646

Dpa elastic (mt2)  
Cross Section

36-Kr-85  
-95.39 To 636.7 %

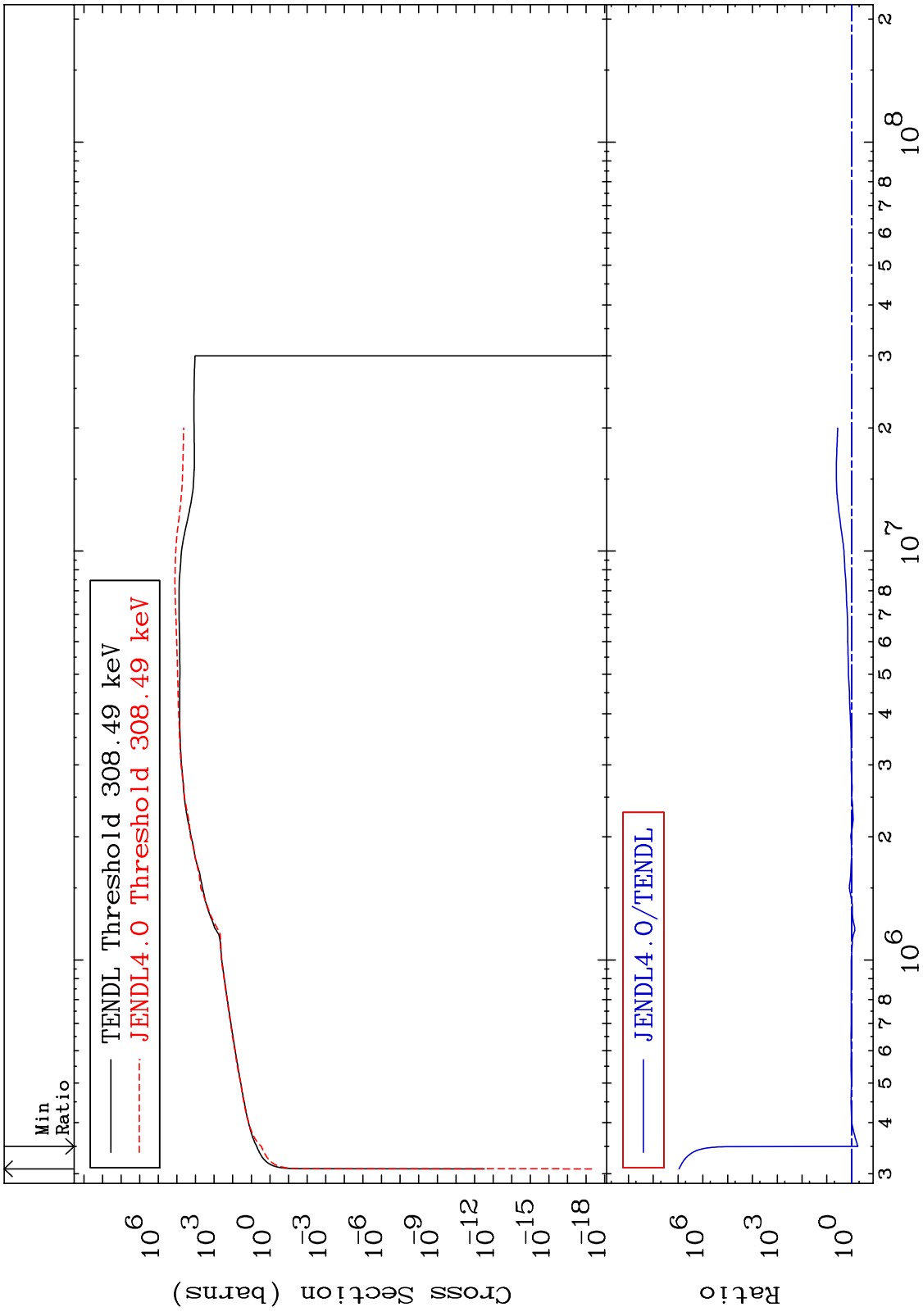


60

Incident Energy (eV)

36-Kr-85

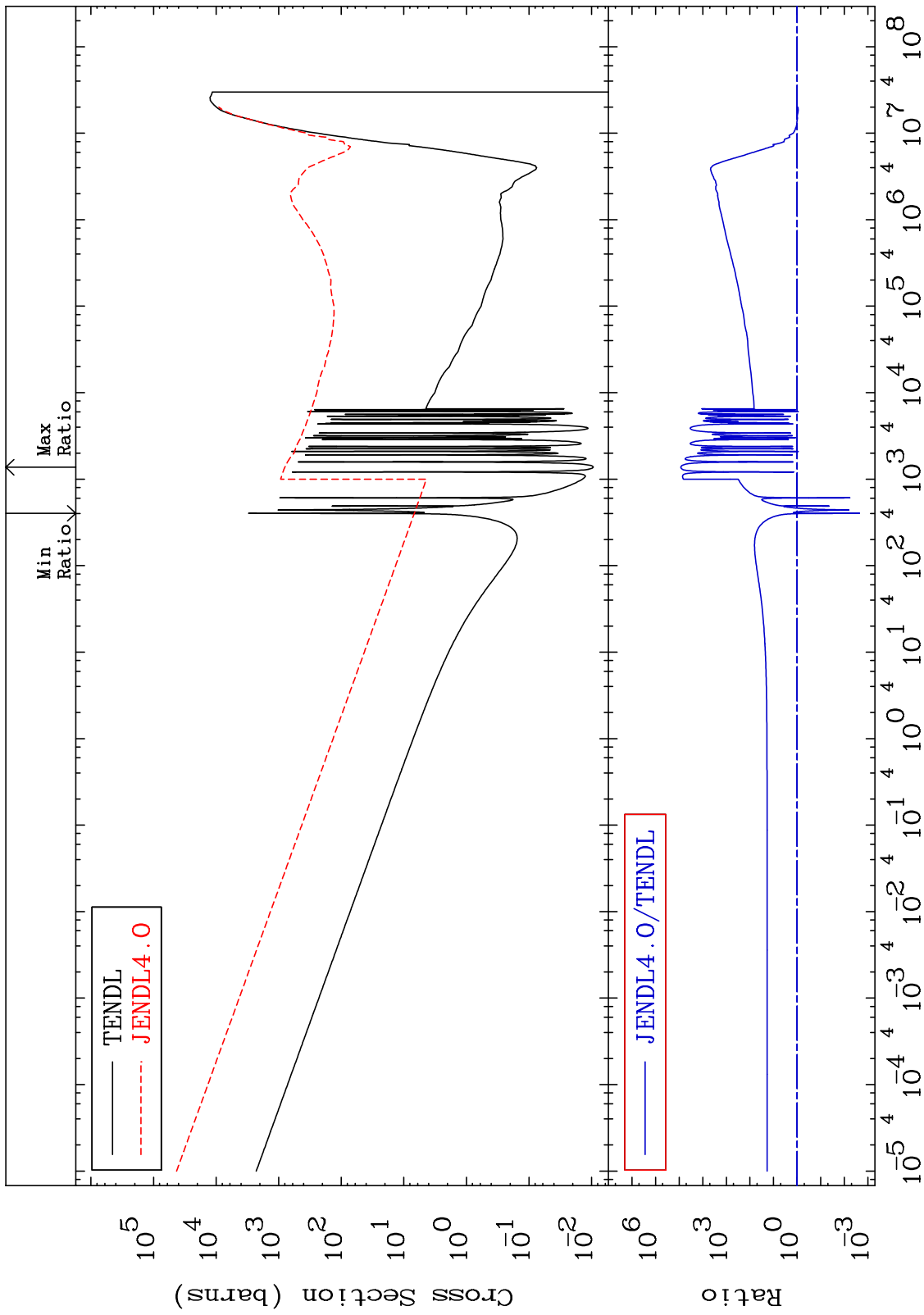
MAT 3646      Dpa inelastic (mt51-91)      36-Kr-85  
 Cross Section      -43.81 To 9999. %



MAT 3646

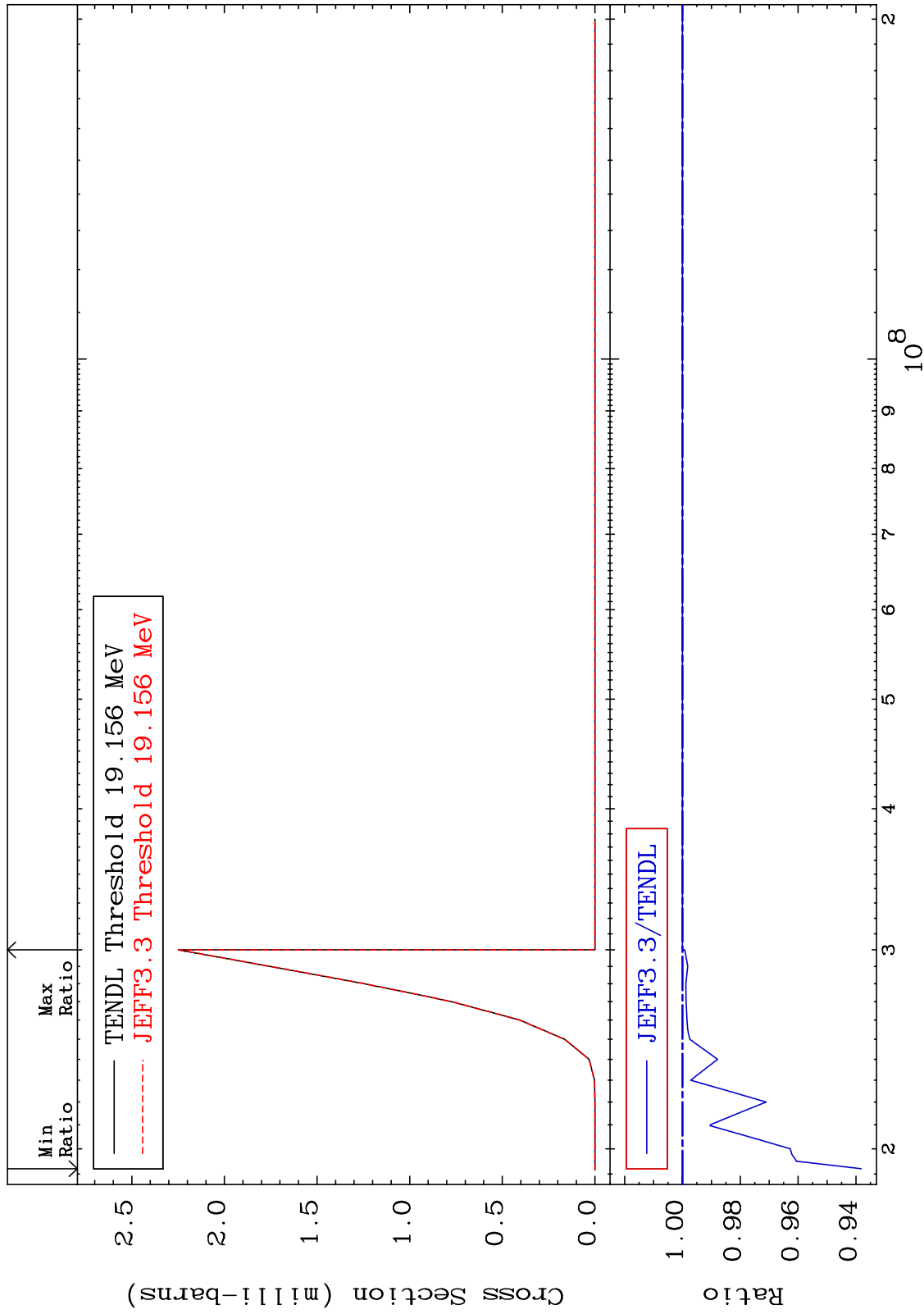
Dpa disappearance (mt102 -120)  
Cross Section

36-Kr-85  
-99.78 To 9999. %



MAT 3646

(n,n') t: 35-Br-82g 36-Kr-85  
Radionuclide Production Cross Section -6.184 To 0.000 %



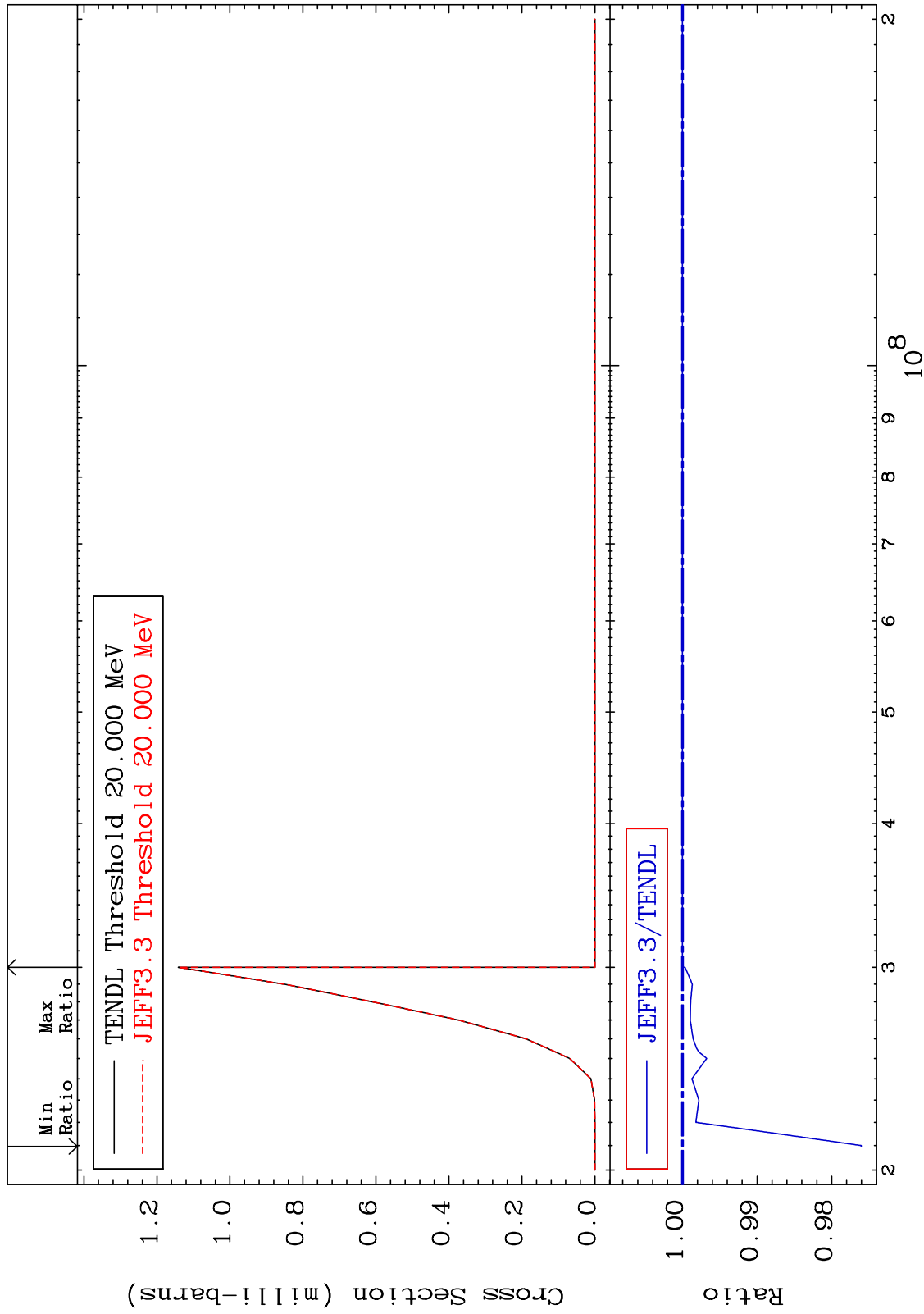


MAT 3646

(n,n') t:35-Br-82m1

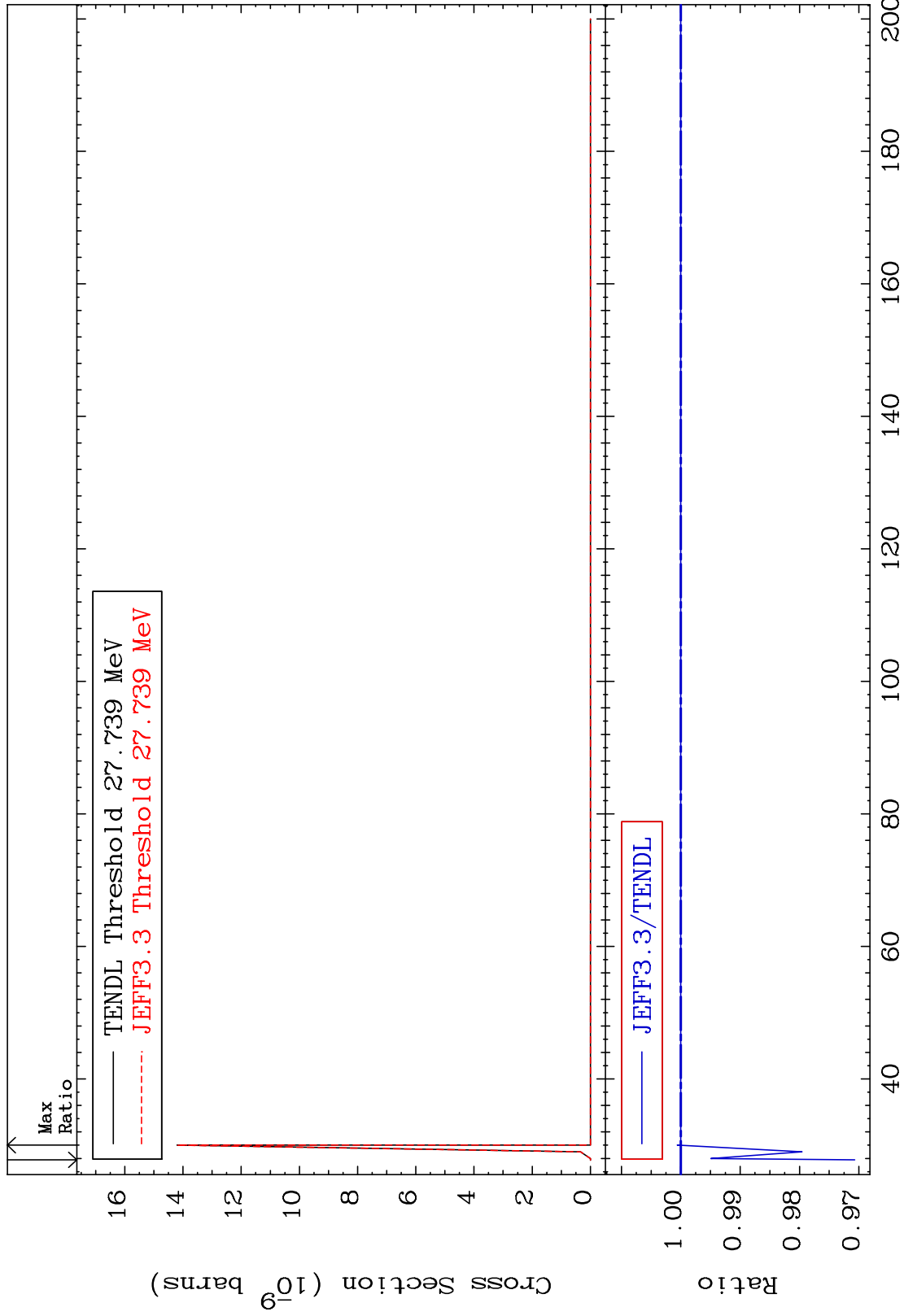
36-Kr-85

Radionuclide Production Cross Section -2.397 To 0.000 %



MAT 3646

(n,3n) p:35-Br-82g 36-Kr-85  
Radionuclide Production Cross Section -2.931 To 0.059 %



65

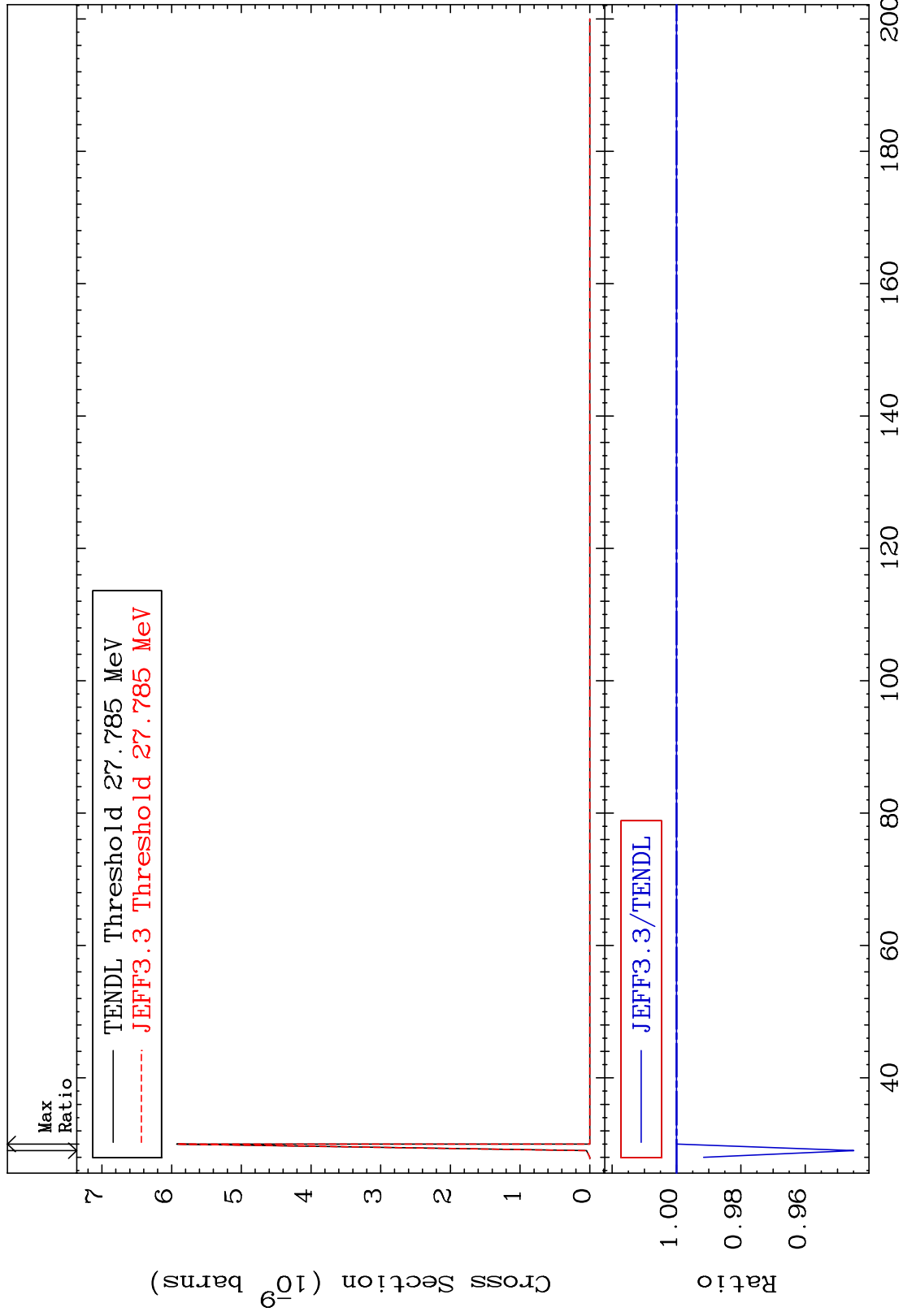
36-Kr-85

MAT 3646

(n,3n) p:35-Br-82m1

36-Kr-85

Radionuclide Production Cross Section -5.509 To 0.000 %



66

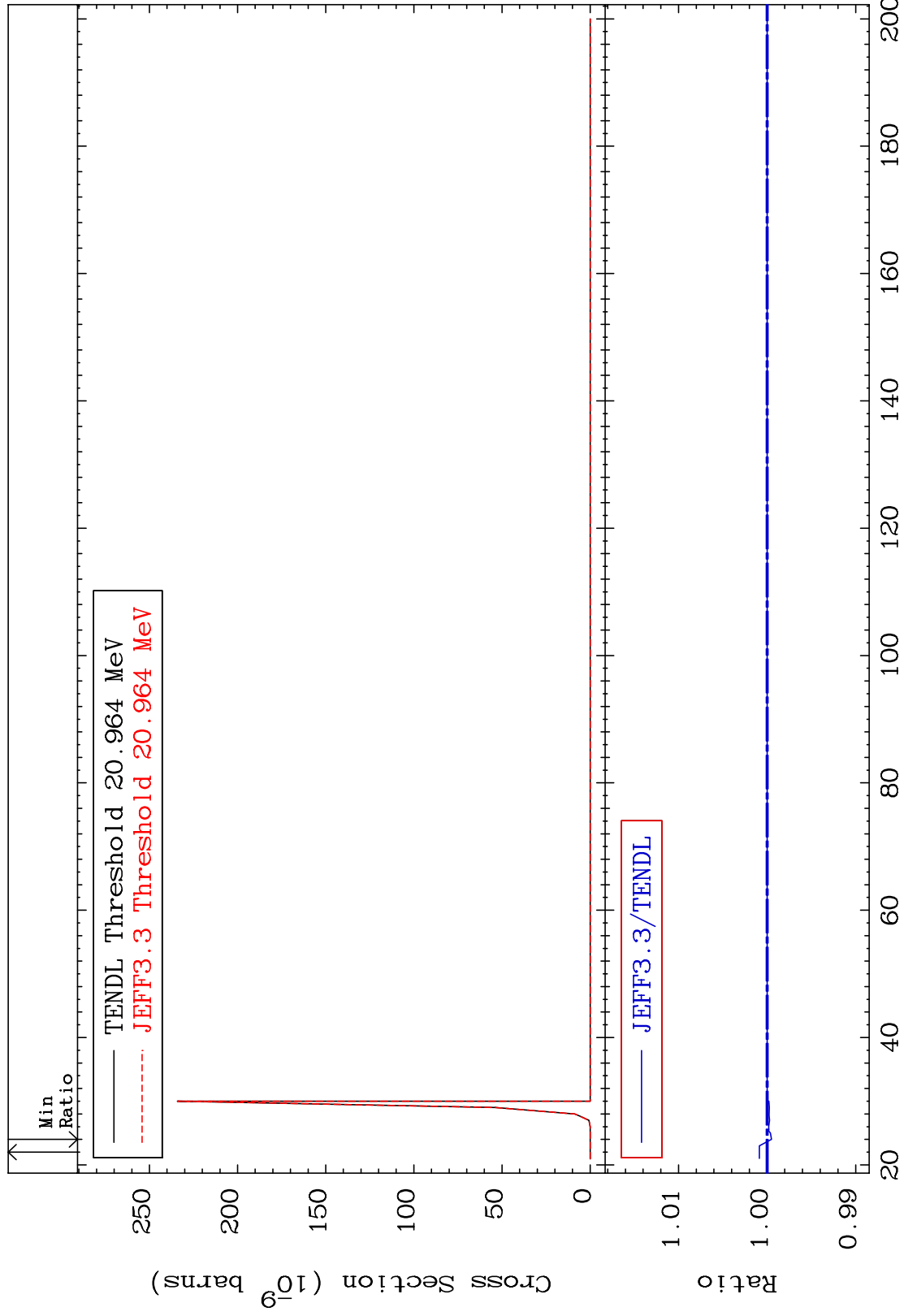
36-Kr-85

MAT 3646

(n,2n) p:34-Se-83g

36-Kr-85

Radionuclide Production Cross Section -0.050 To 0.086 %



67

Incident Energy (MeV)

36-Kr-85

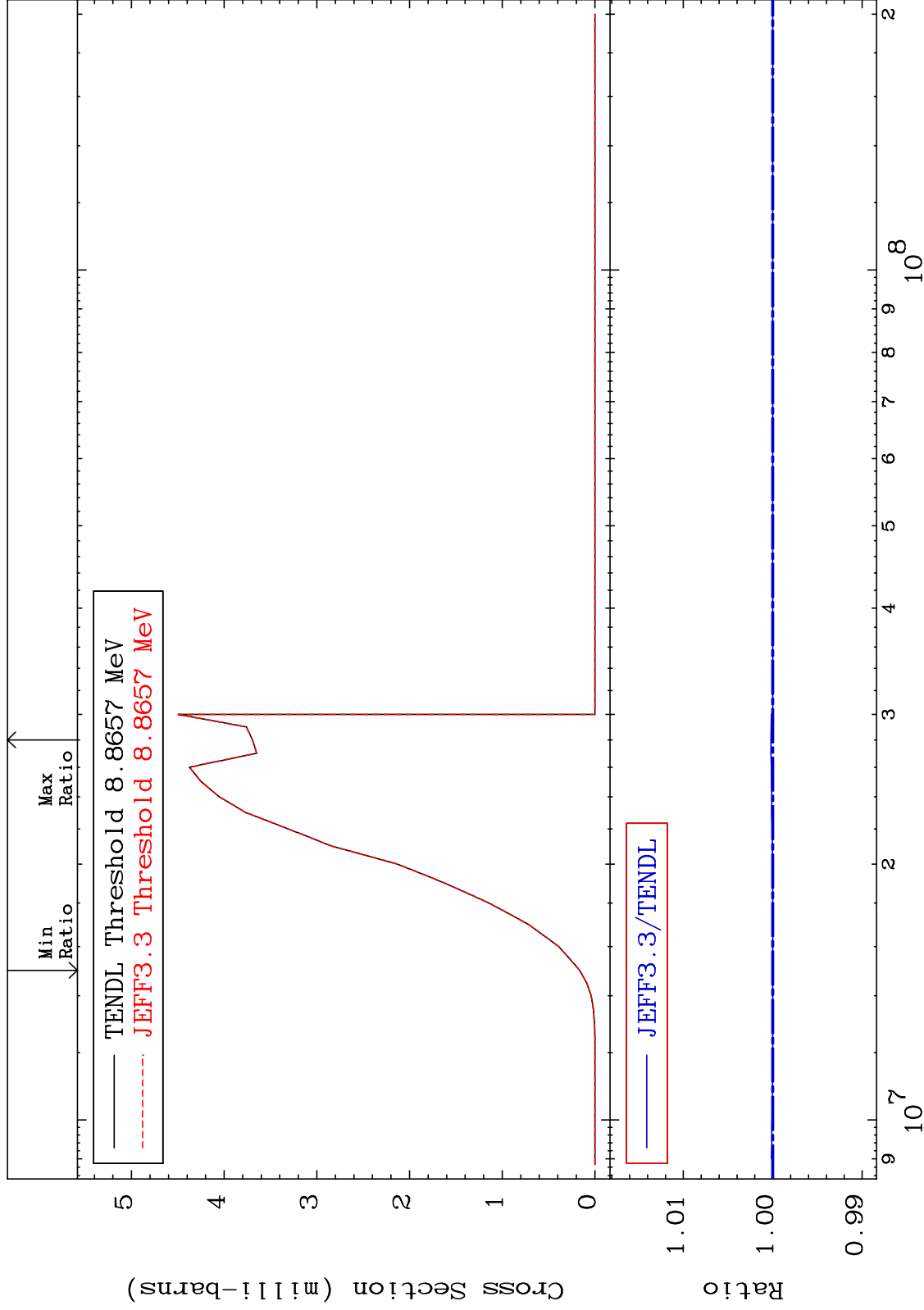


MAT 3646

(n,d):35-Br-84g

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.019 %

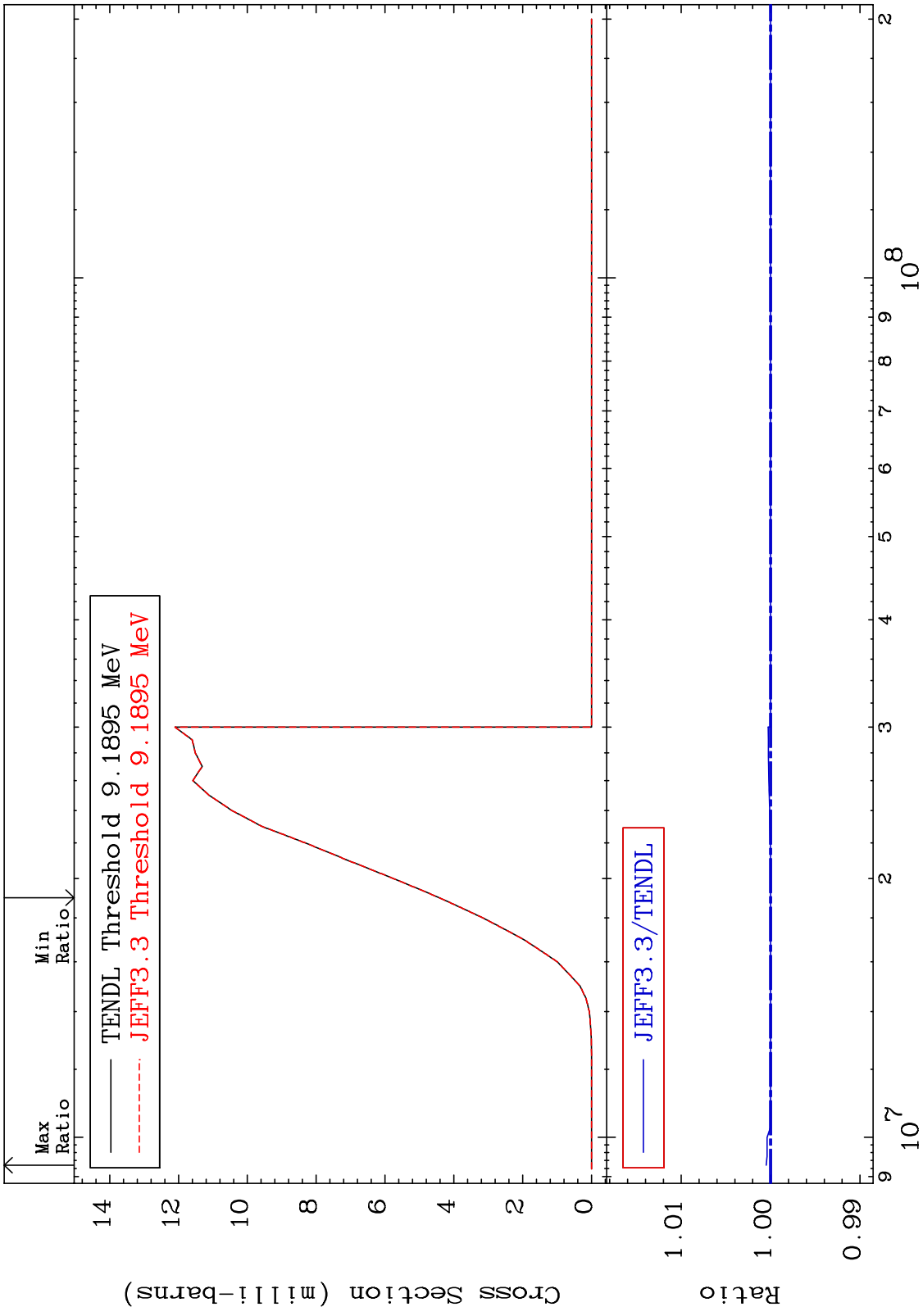


69

Incident Energy (eV)

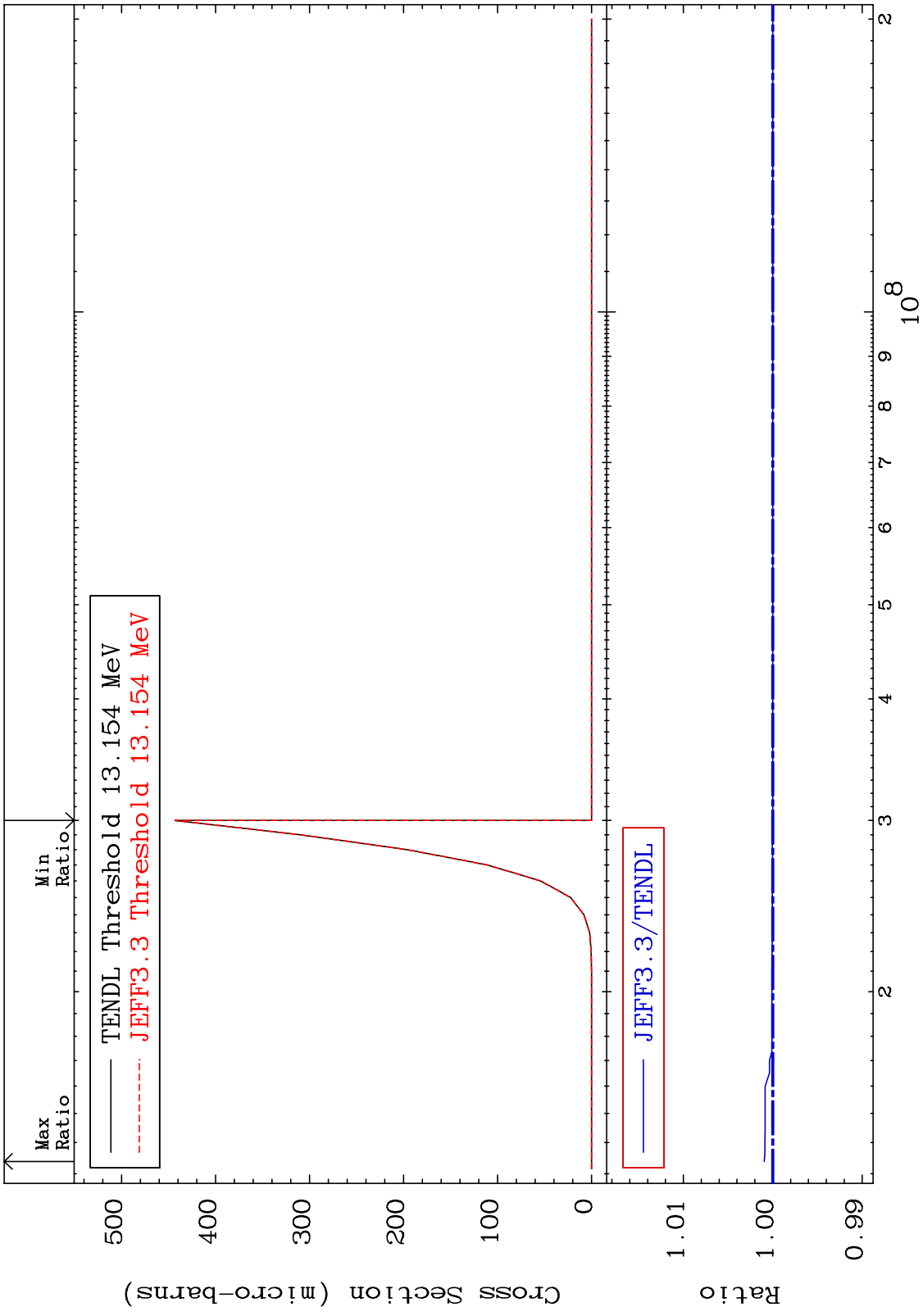
36-Kr-85

MAT 3646 (n,d):35-Br-84m1 36-Kr-85  
 Radionuclide Production Cross Section 0.000 To 0.049 %



70 Incident Energy (eV) 36-Kr-85

MAT 3646 (n,He-3):34-Se-83g 36-Kr-85  
 Radionuclide Production Cross Section 0.000 To 0.096 %



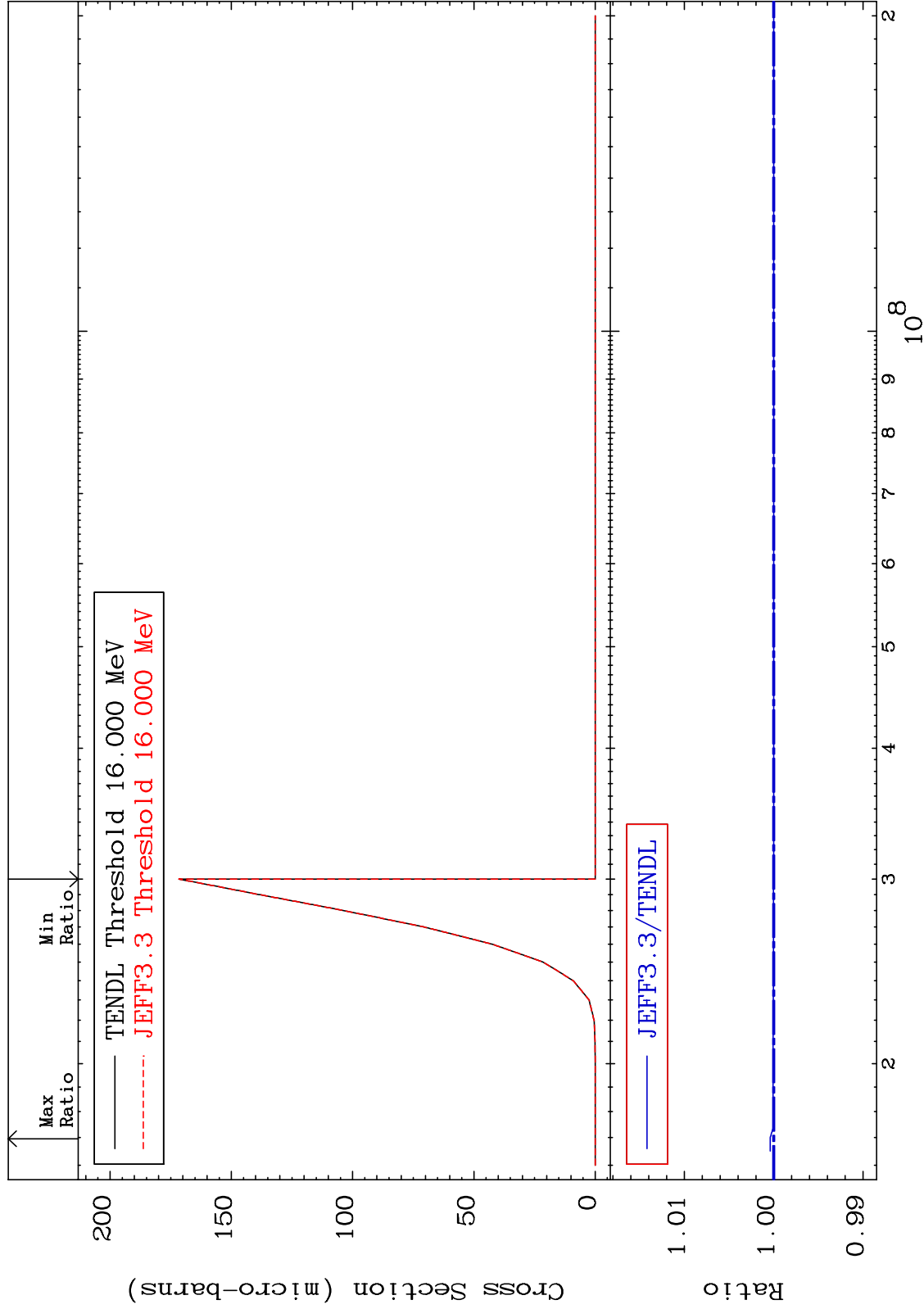


MAT 3646

(n, He-3) : 34-Se-83m1

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.039 %



72

Incident Energy (eV)

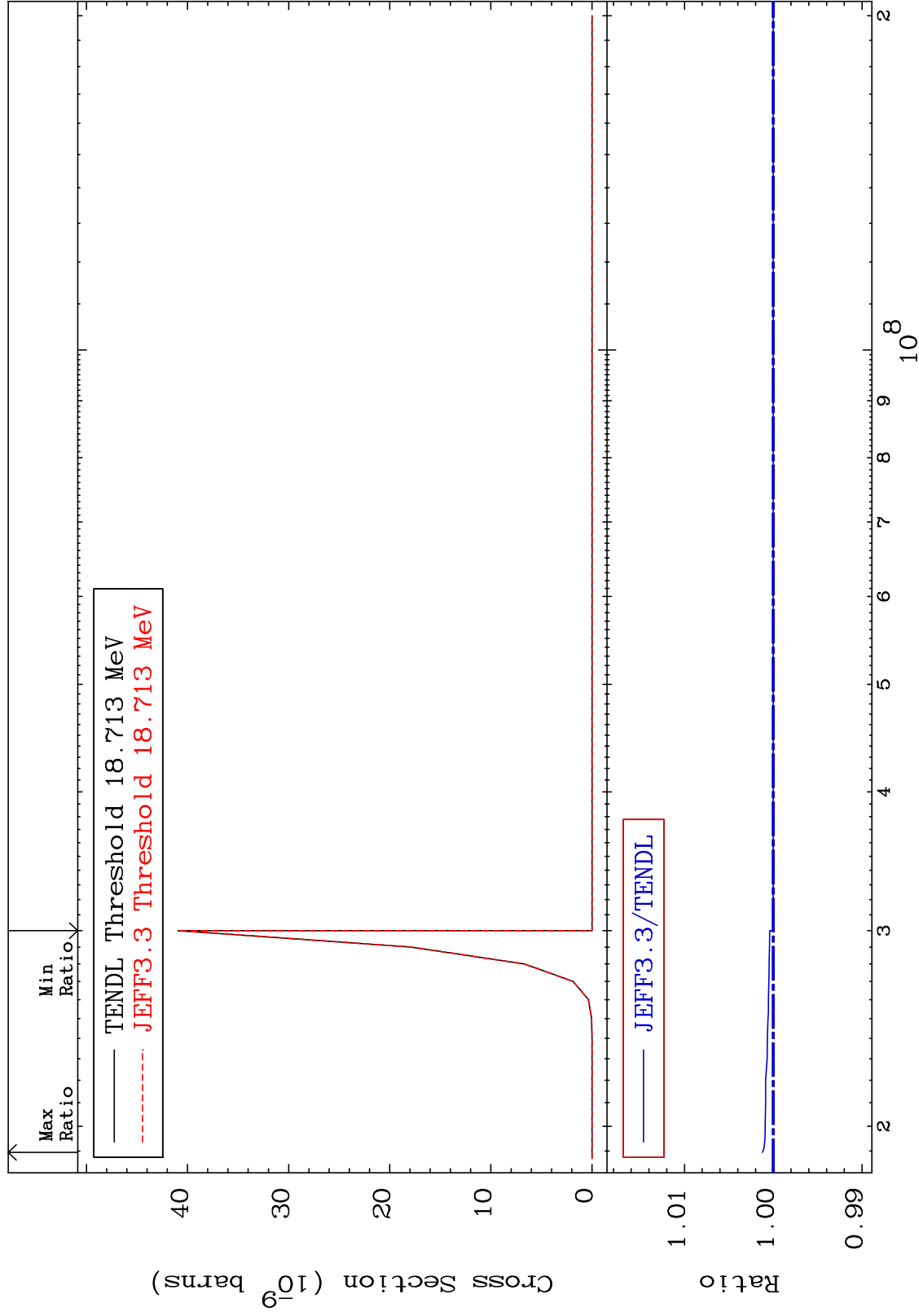
36-Kr-85

MAT 3646

(n,p) d:34-Se-83g

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.123 %



73

Incident Energy (eV)

36-Kr-85

MAT 3646

(n,p) d:34-Se-83m1

36-Kr-85

Radionuclide Production Cross Section 0.000 To 0.257 %

