

Program Complot  
(Version 2021-1)

by

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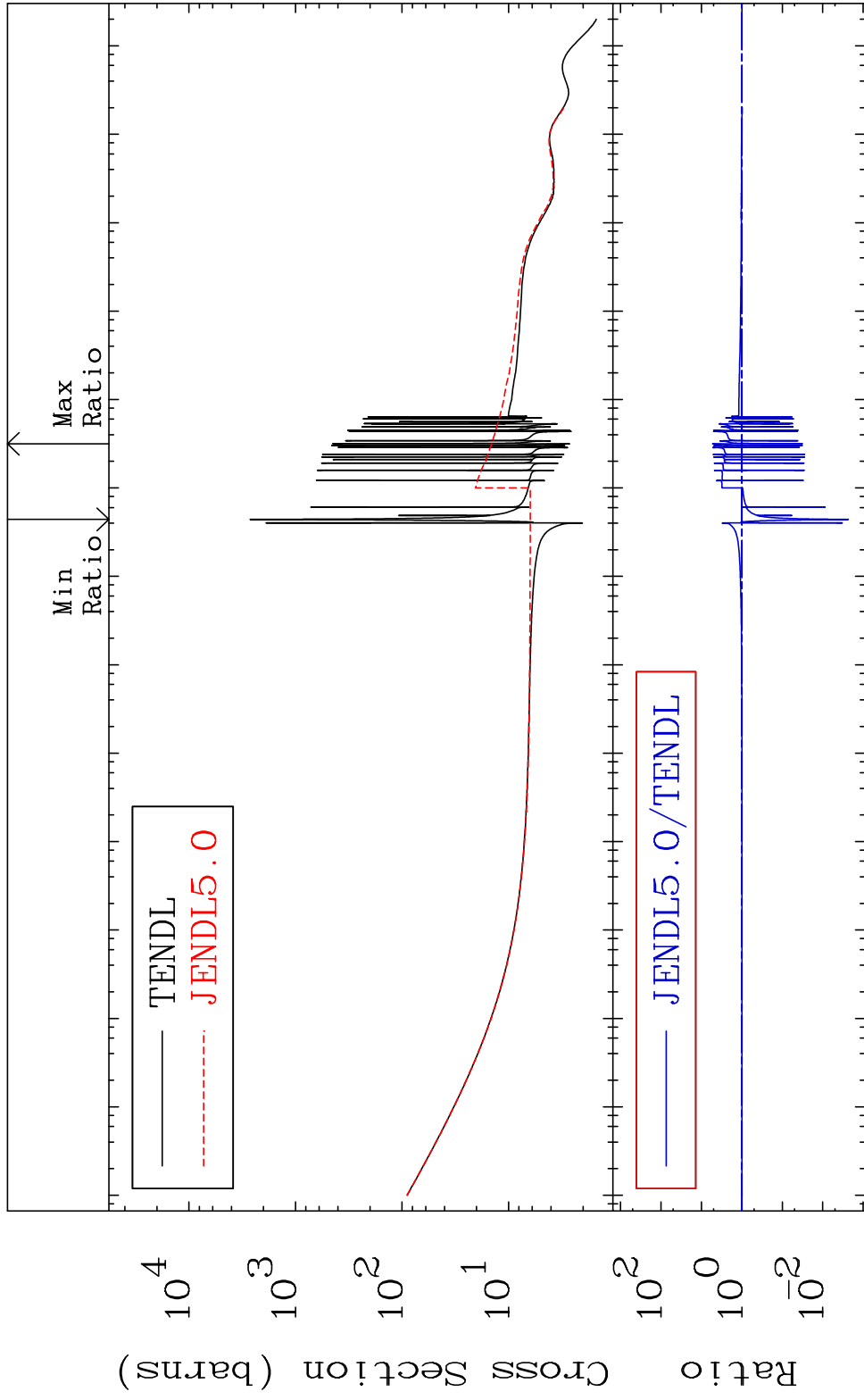
Press Mouse Button to Start

MAT 3646

Total

36-Kr-85

Cross Section -99.77 To 435.8 %



Ratio  
Cross Section (barns)  
10<sup>4</sup>  
10<sup>3</sup>  
10<sup>2</sup>  
10<sup>1</sup>  
10<sup>0</sup>  
10<sup>-2</sup>  
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

1

Incident Energy (eV)

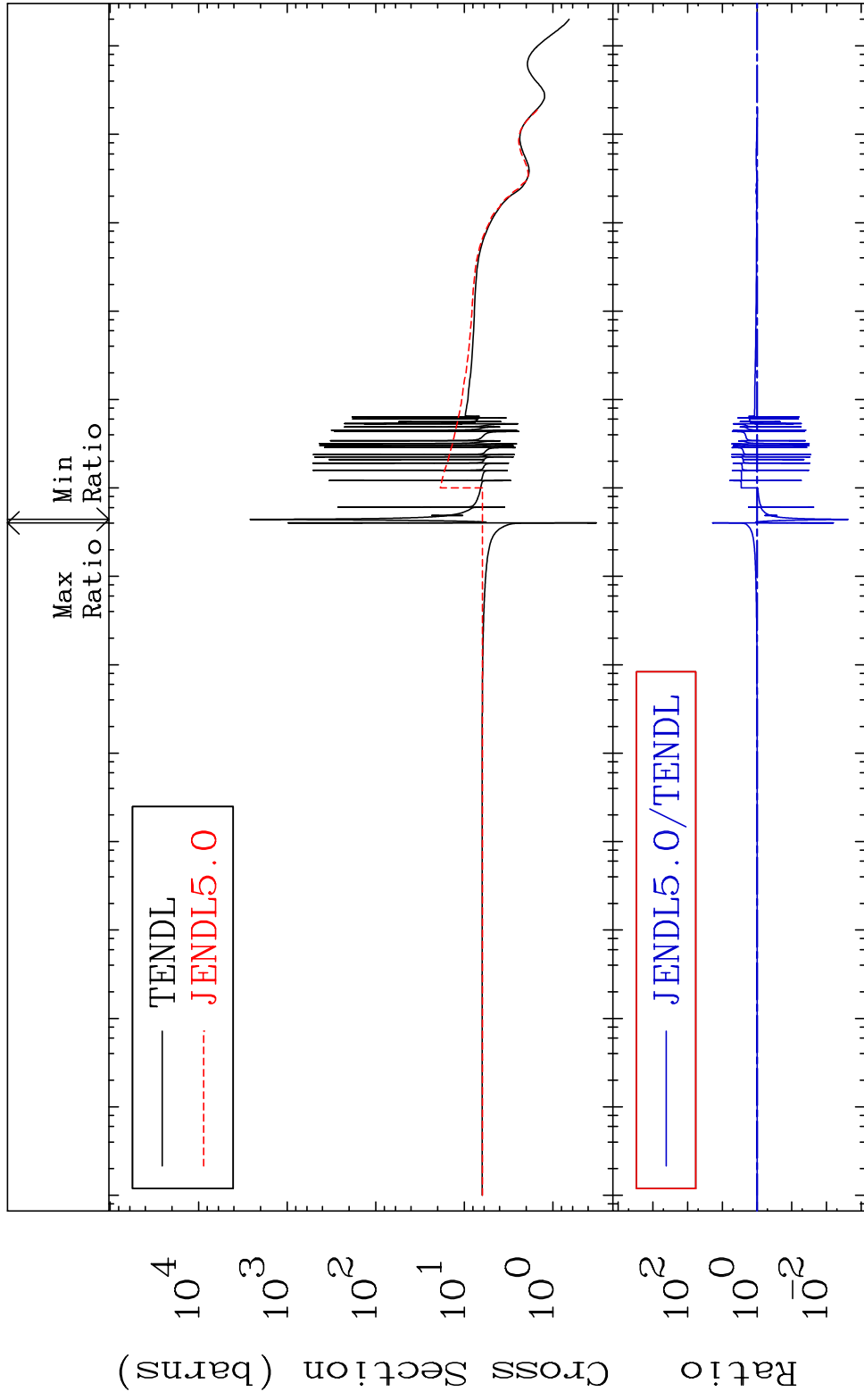
36-Kr-85

MAT 3646

Elastic

36-Kr-85

Cross Section -99.76 To 1833. %



10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

2

Incident Energy (eV)

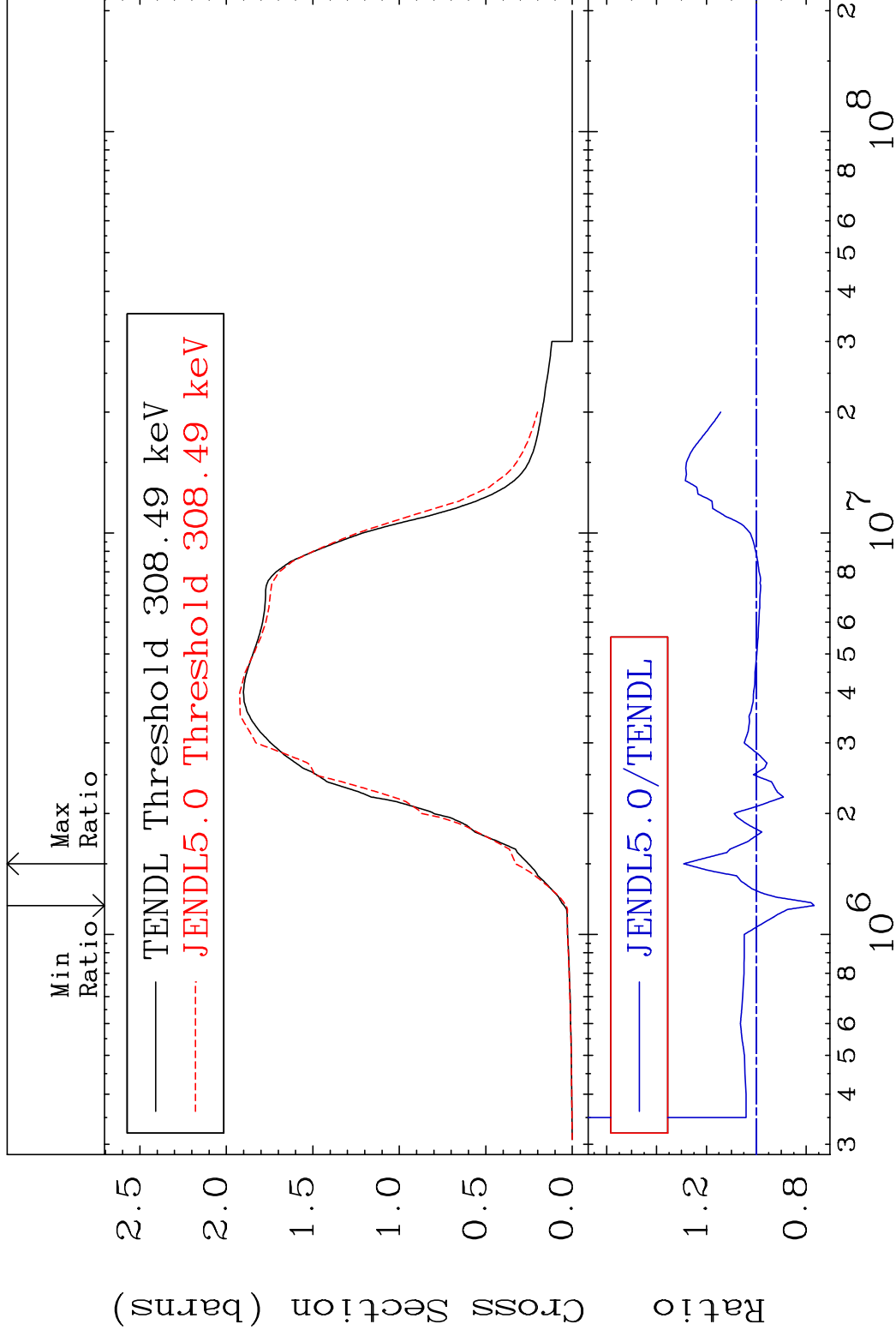
36-Kr-85

MAT 3646

Inelastic

36-Kr-85

Cross Section -23.18 To 29.13 %

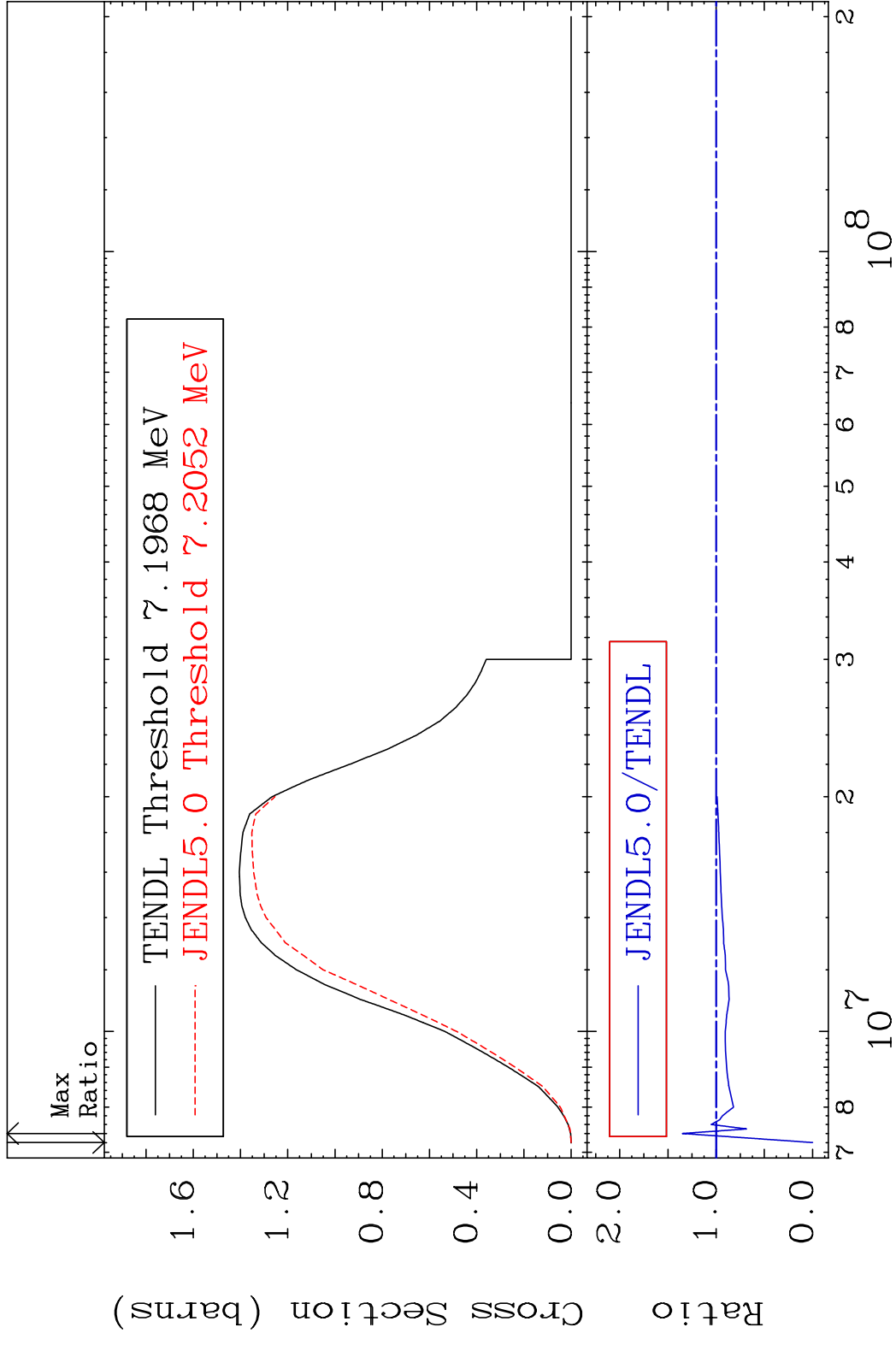


3

Incident Energy (eV)

36-Kr-85

MAT 3646 (n,2n) 36-Kr-85  
 Cross Section -100.0 To 35.08 %



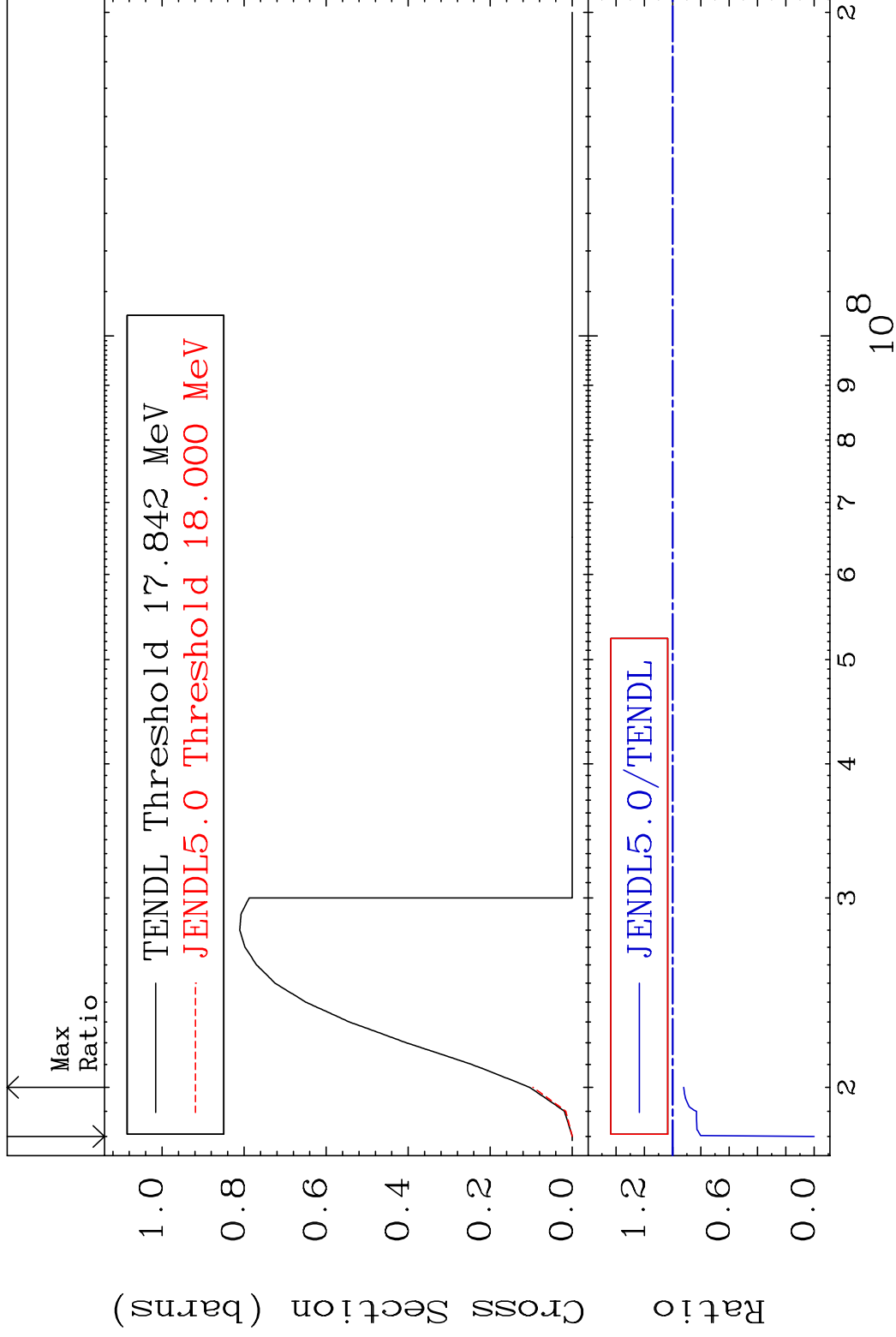
4 Incident Energy (eV) 36-Kr-85

MAT 3646

(n,3n)

36-Kr-85

Cross Section -100.0 To -7.788%



5

Incident Energy (eV)

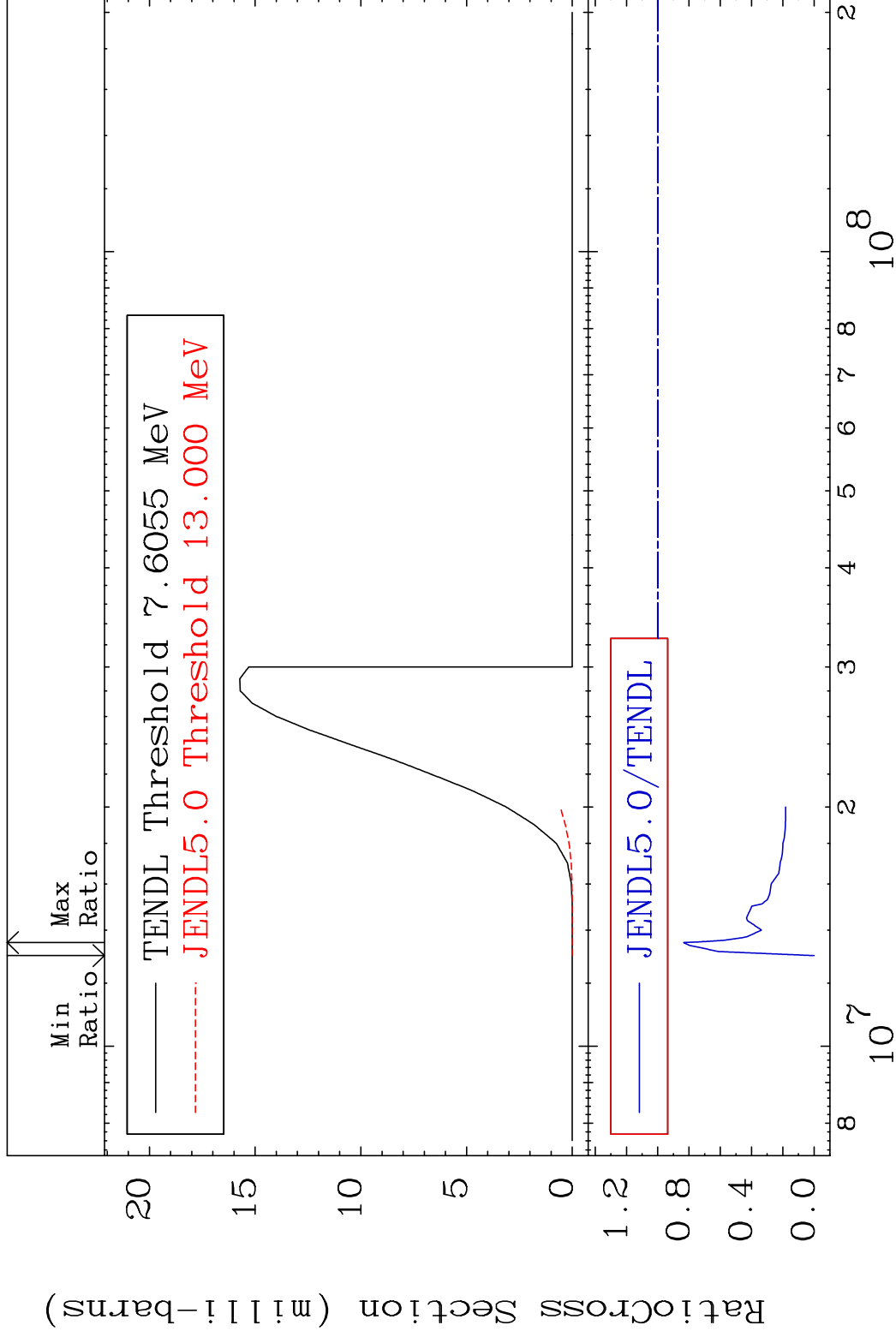
36-Kr-85

MAT 3646

(n, n')  $\alpha$

36-Kr-85

Cross Section -100.0 To -16.57%



6

Incident Energy (eV)

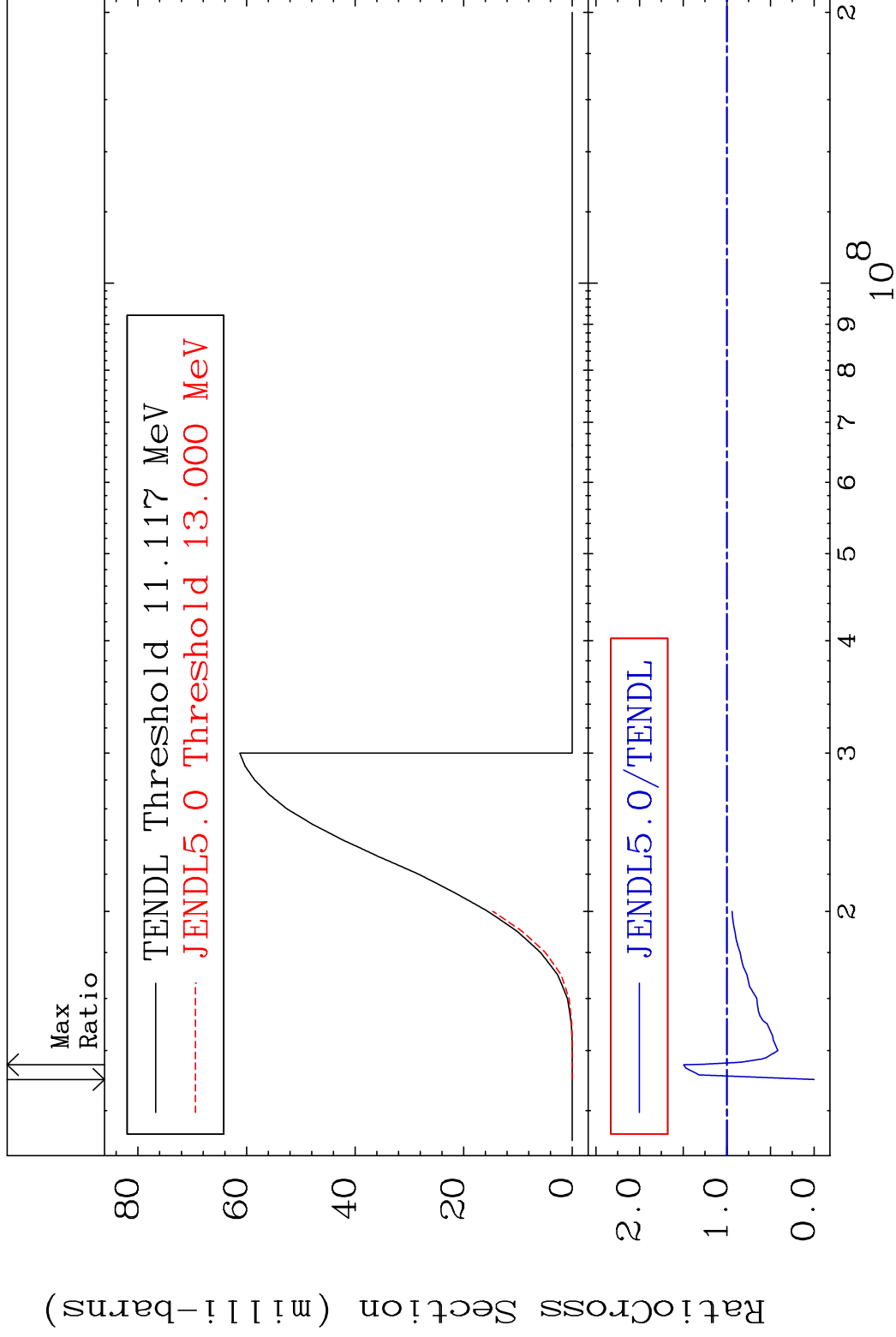
36-Kr-85

MAT 3646

(n, n') p

36-Kr-85

Cross Section -100.0 To 49.49 %



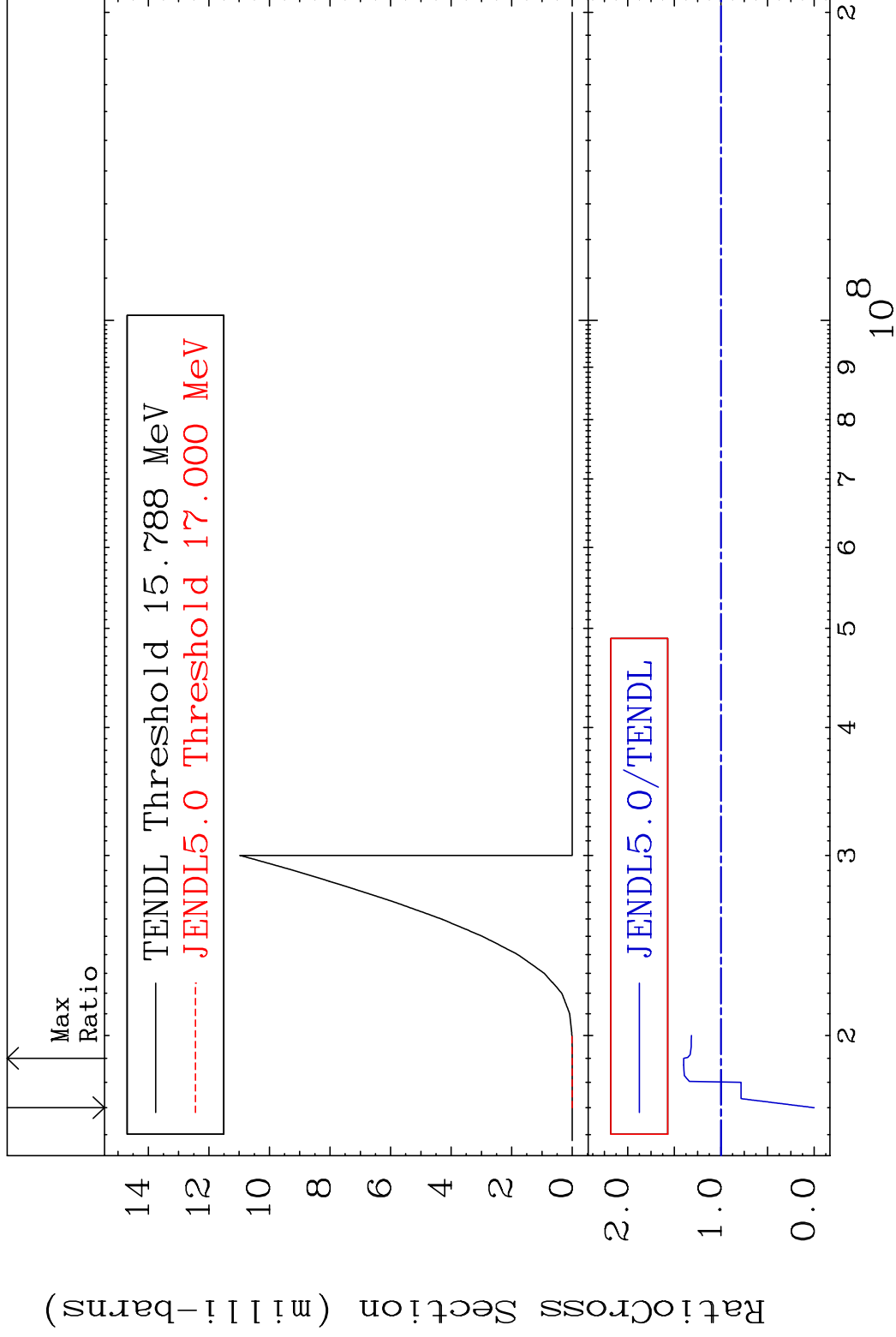


MAT 3646

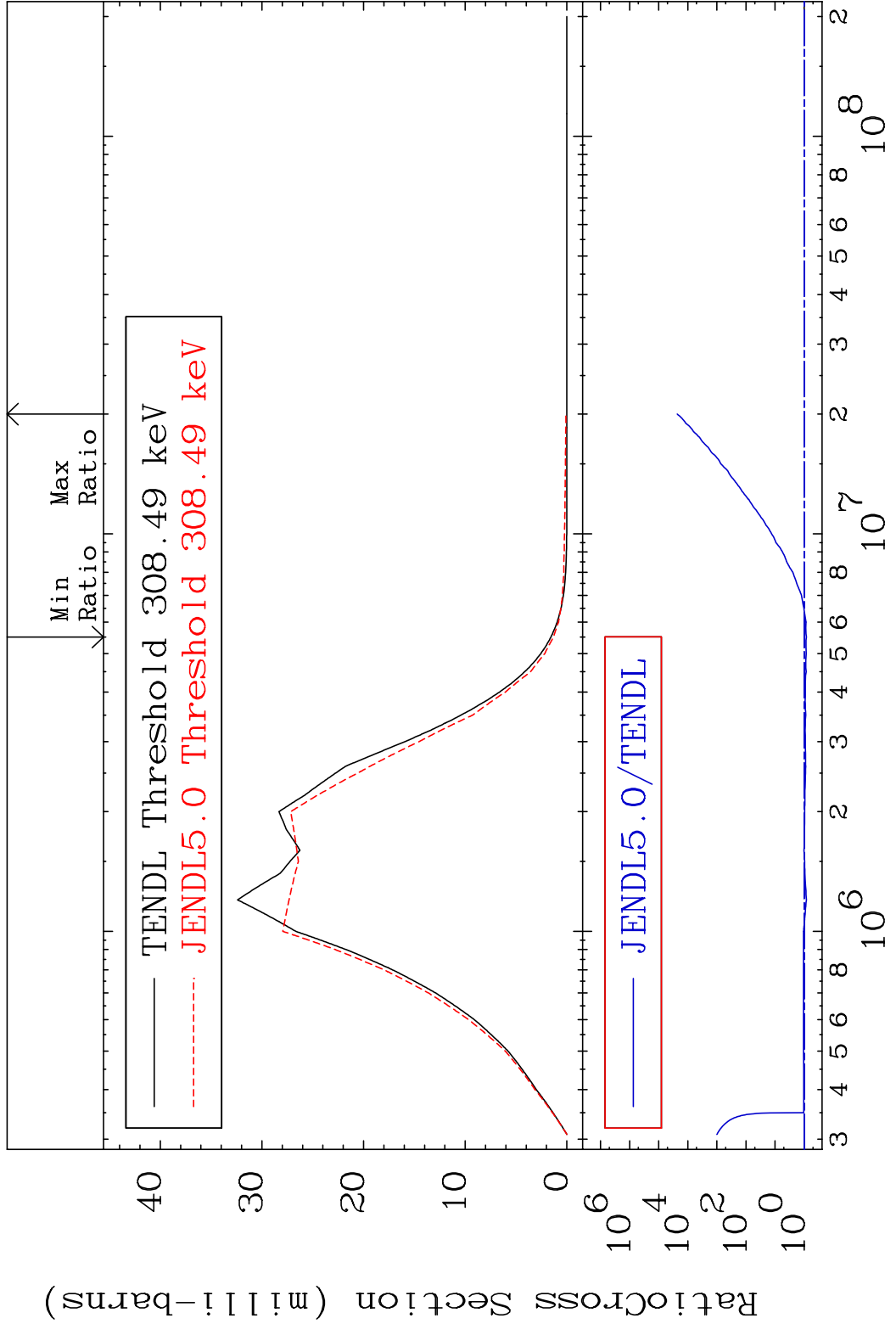
(n, n') d

36-Kr-85

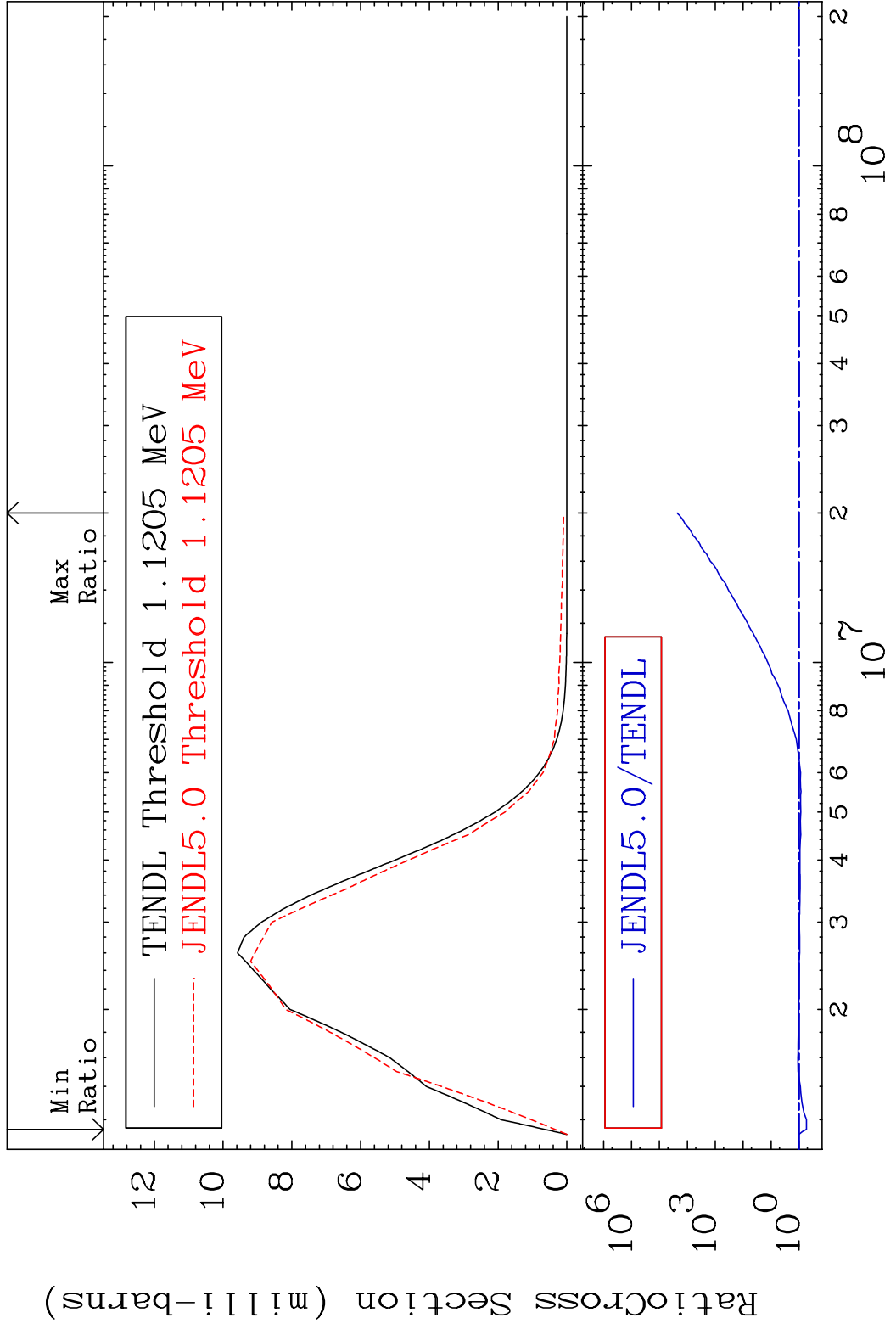
Cross Section -100.0 To 40.01 %



MAT 3646 MT= 51 (n, n') Level 36-Kr-85  
 Cross Section -16.07 To 9999. %

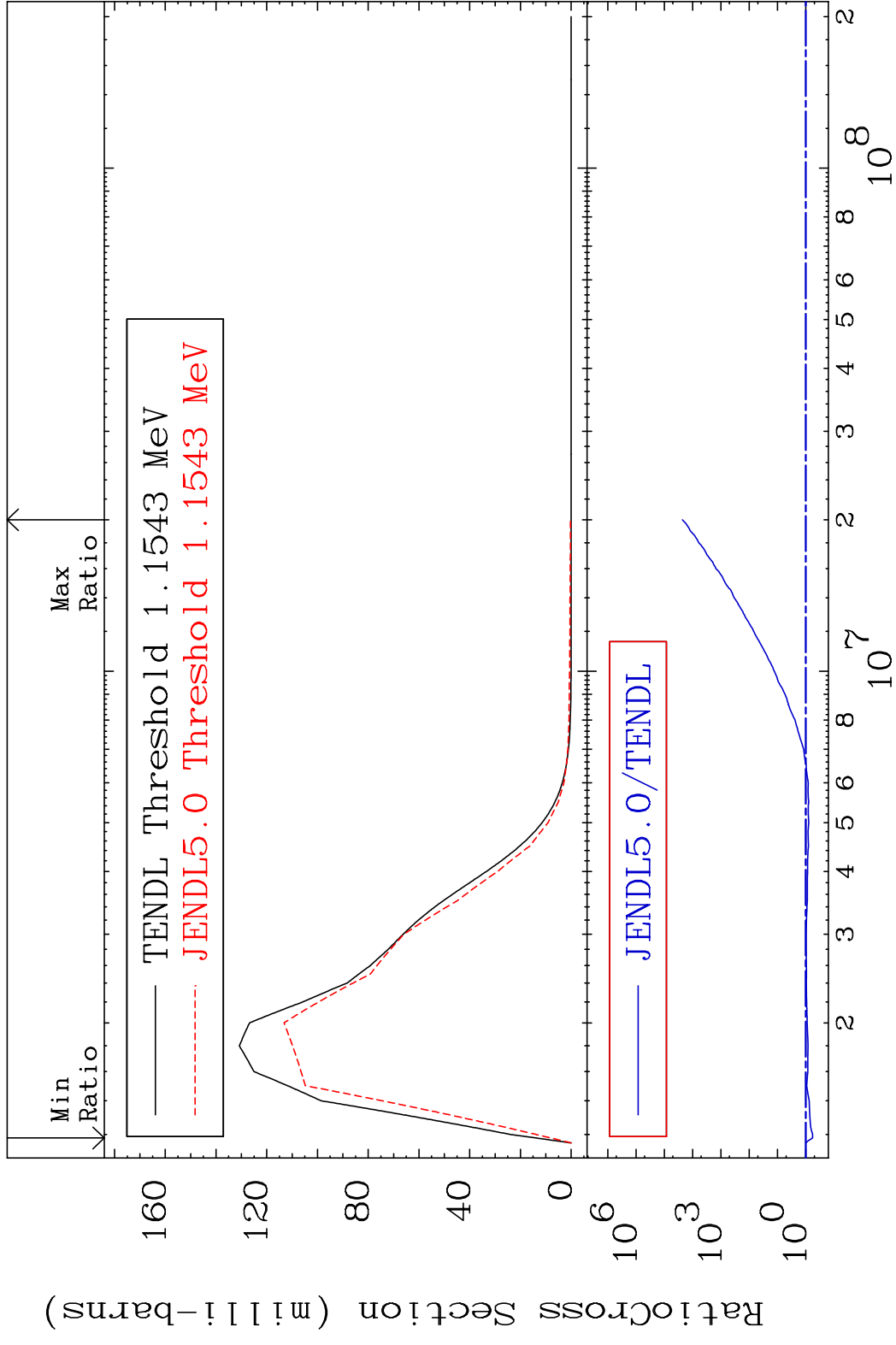


MAT 3646 MT= 52 (n, n') Level 36-Kr-85  
 Cross Section -45.90 To 9999. %

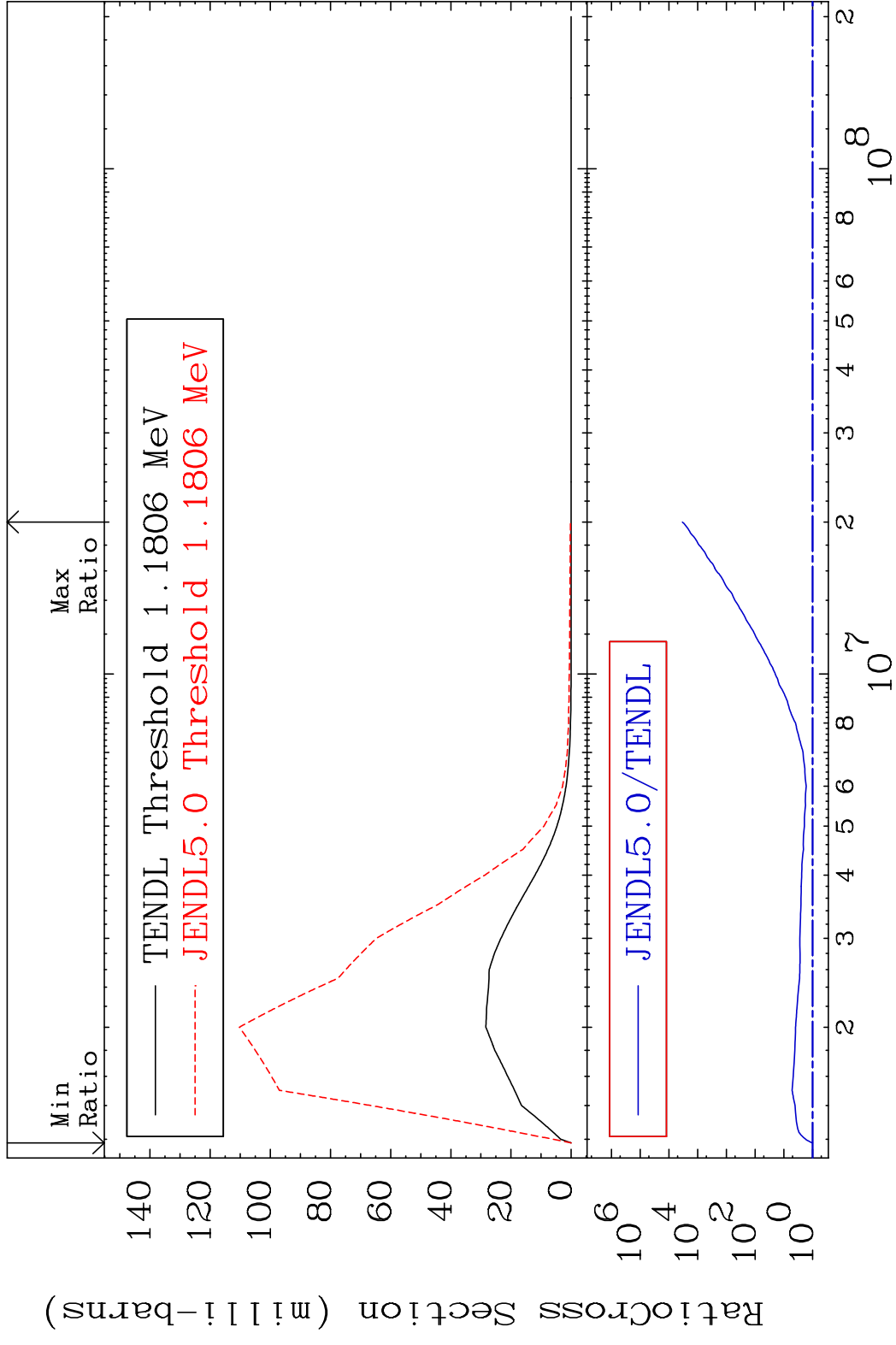


10 Incident Energy (eV) 36-Kr-85

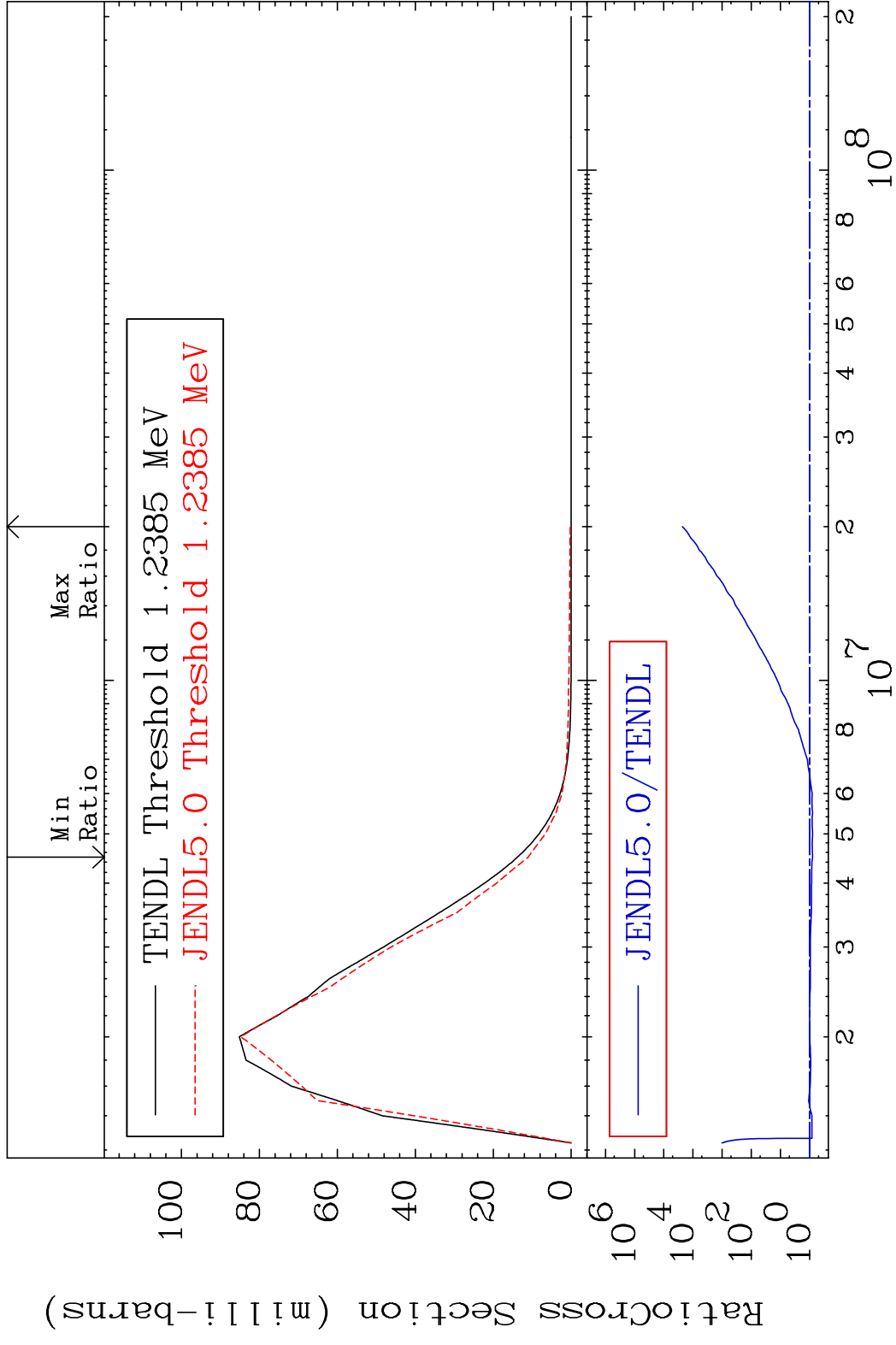
MAT 3646 MT= 53 (n, n') Level 36-Kr-85  
 Cross Section -42.08 To 9999. %



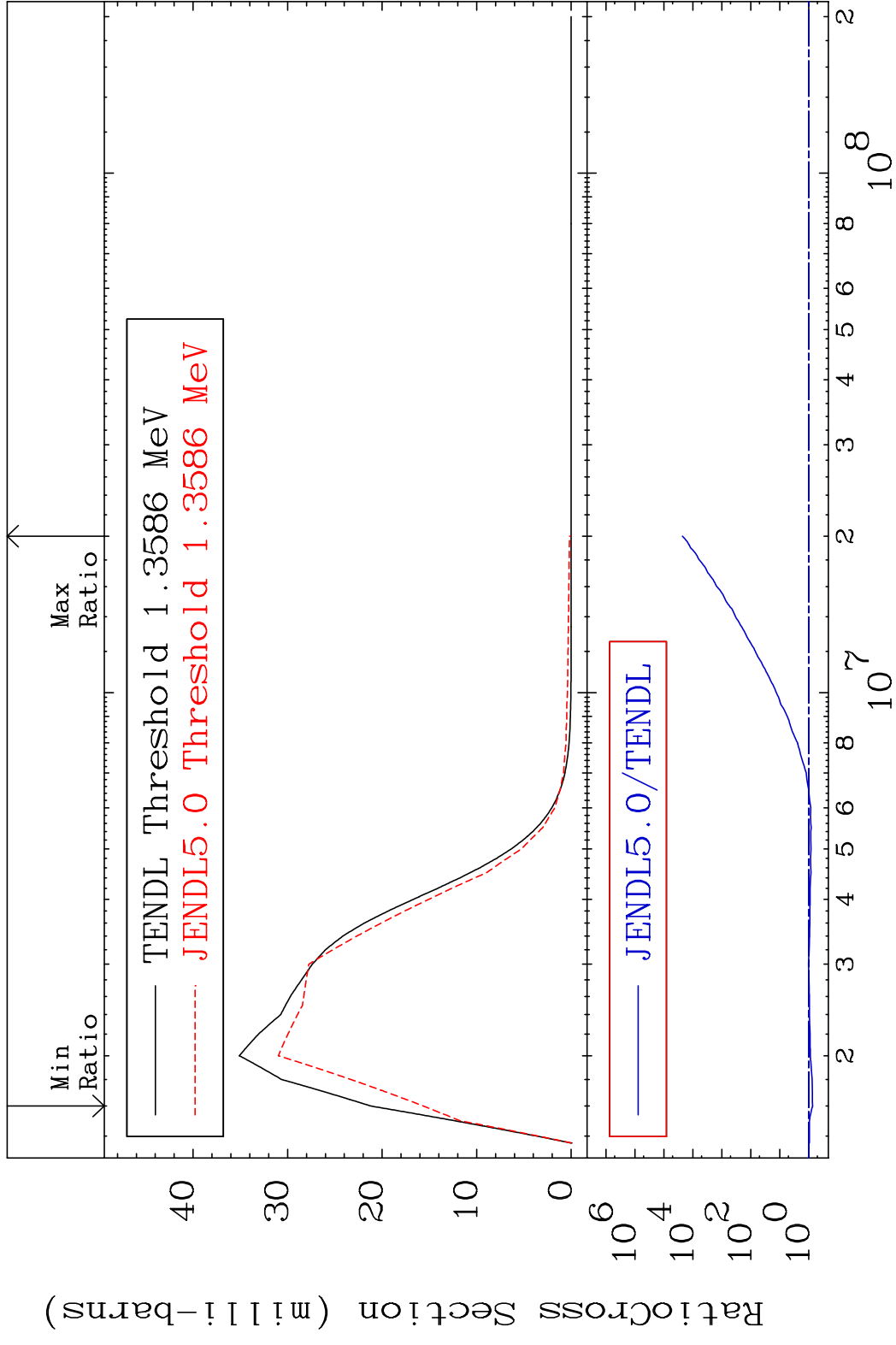
MAT 3646 MT= 54 (n, n') Level 36-Kr-85  
 Cross Section 0.000 To 9999. %



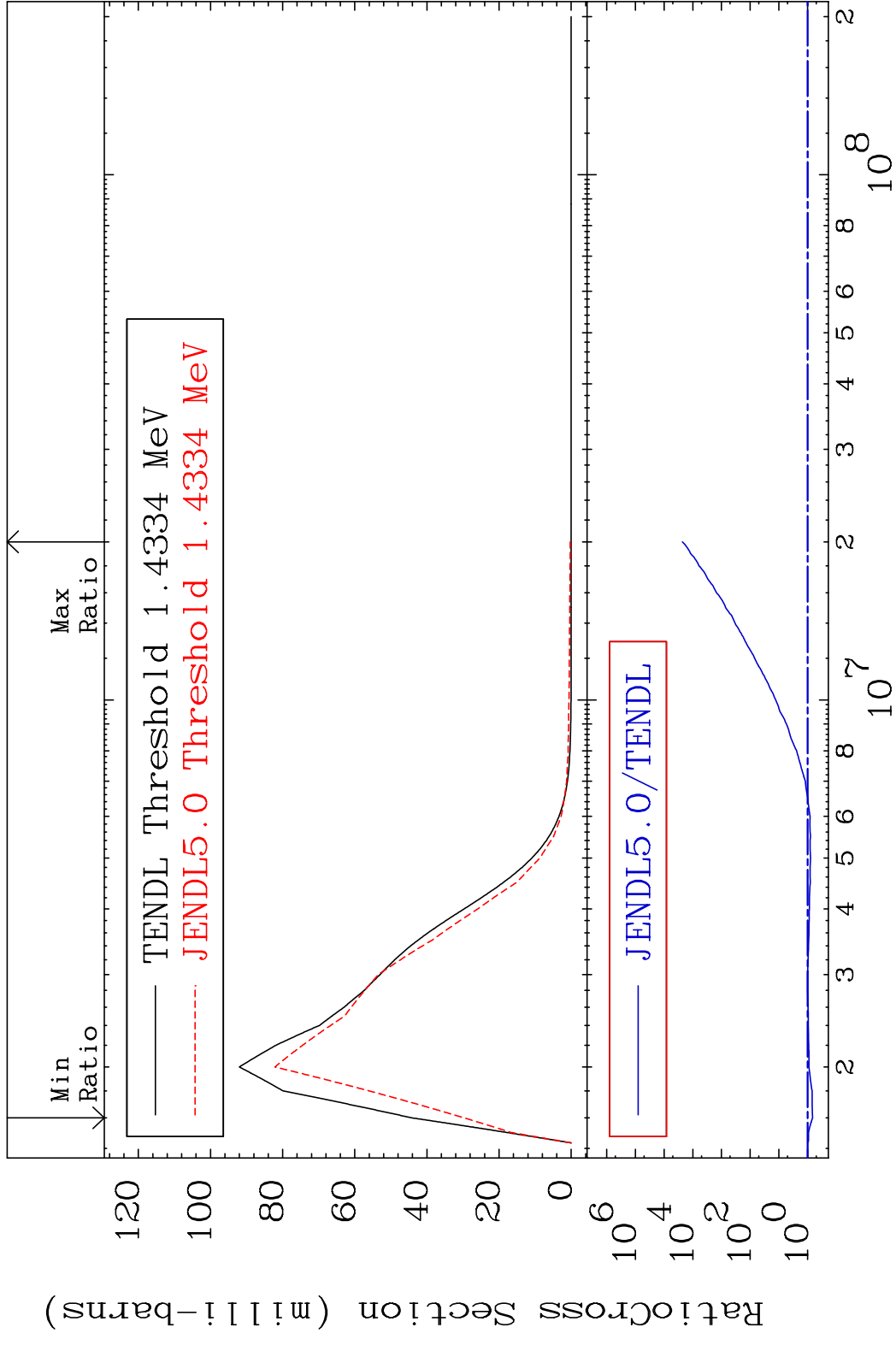
MAT 3646 MT= 55 (n, n') Level 36-Kr-85  
 Cross Section -20.21 To 9999. %



MAT 3646 MT= 56 (n, n') Level 36-Kr-85  
 Cross Section -26.15 To 9999. %

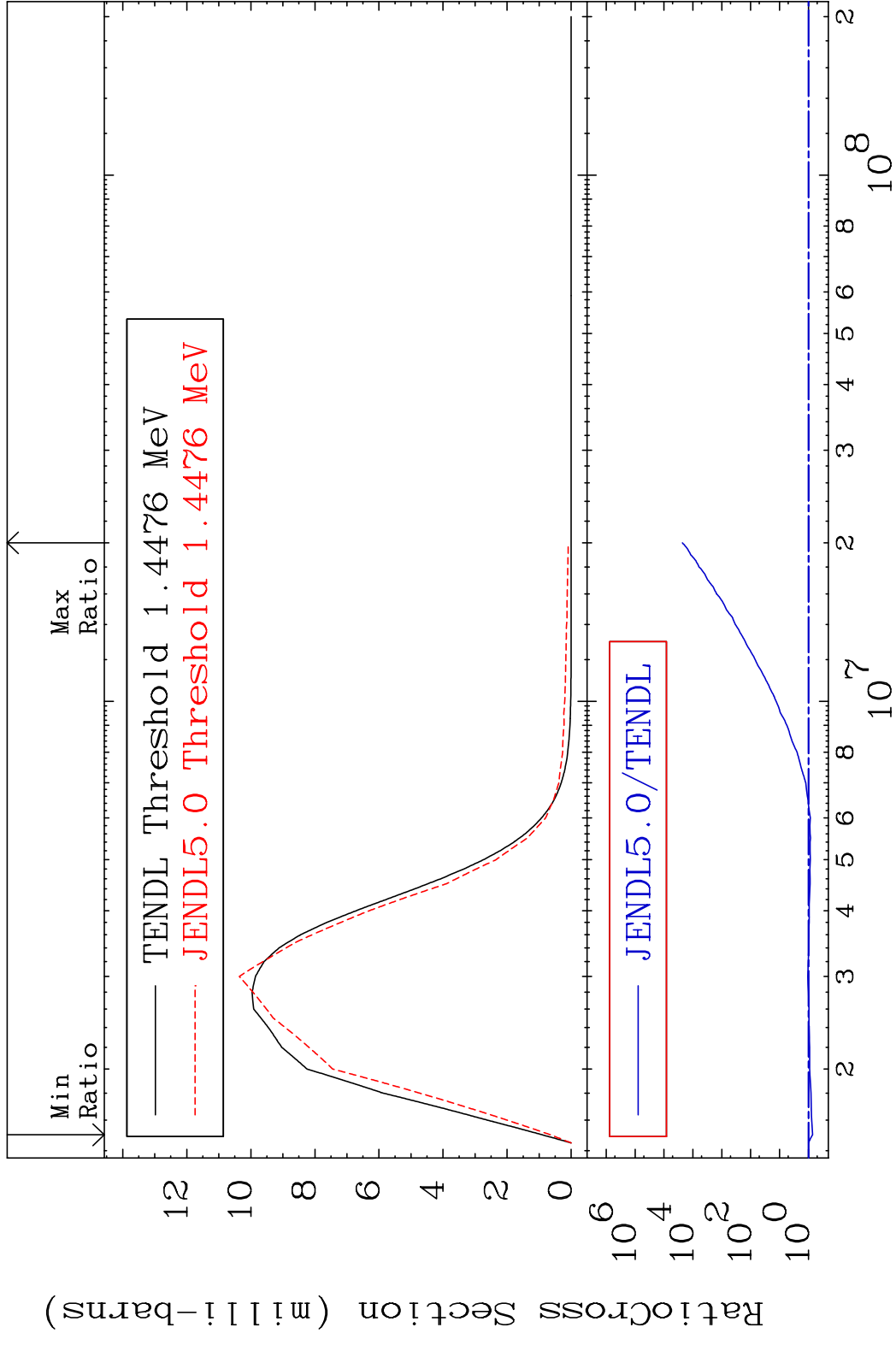


MAT 3646 MT= 57 (n, n') Level 36-Kr-85  
 Cross Section -32.79 To 9999. %

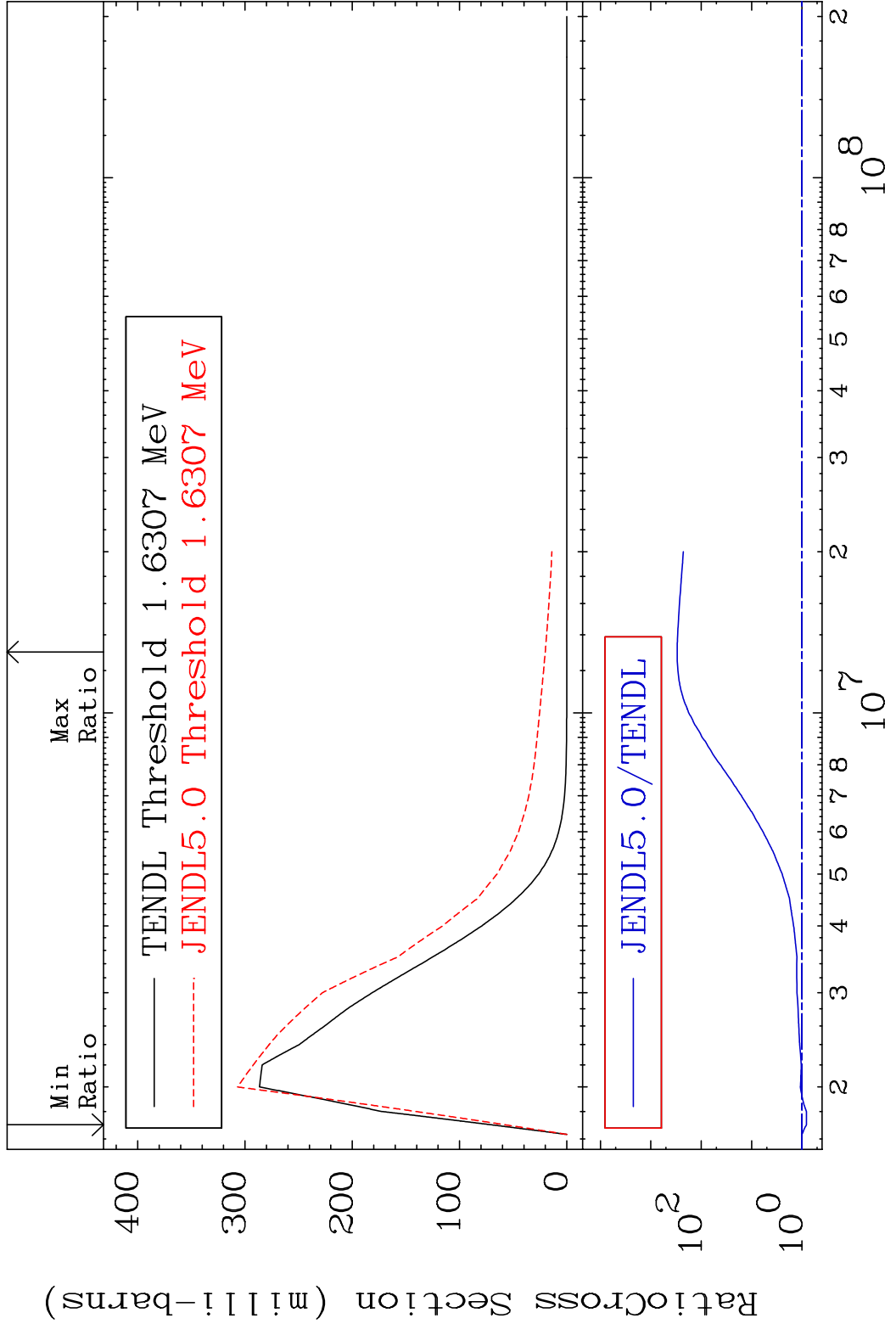




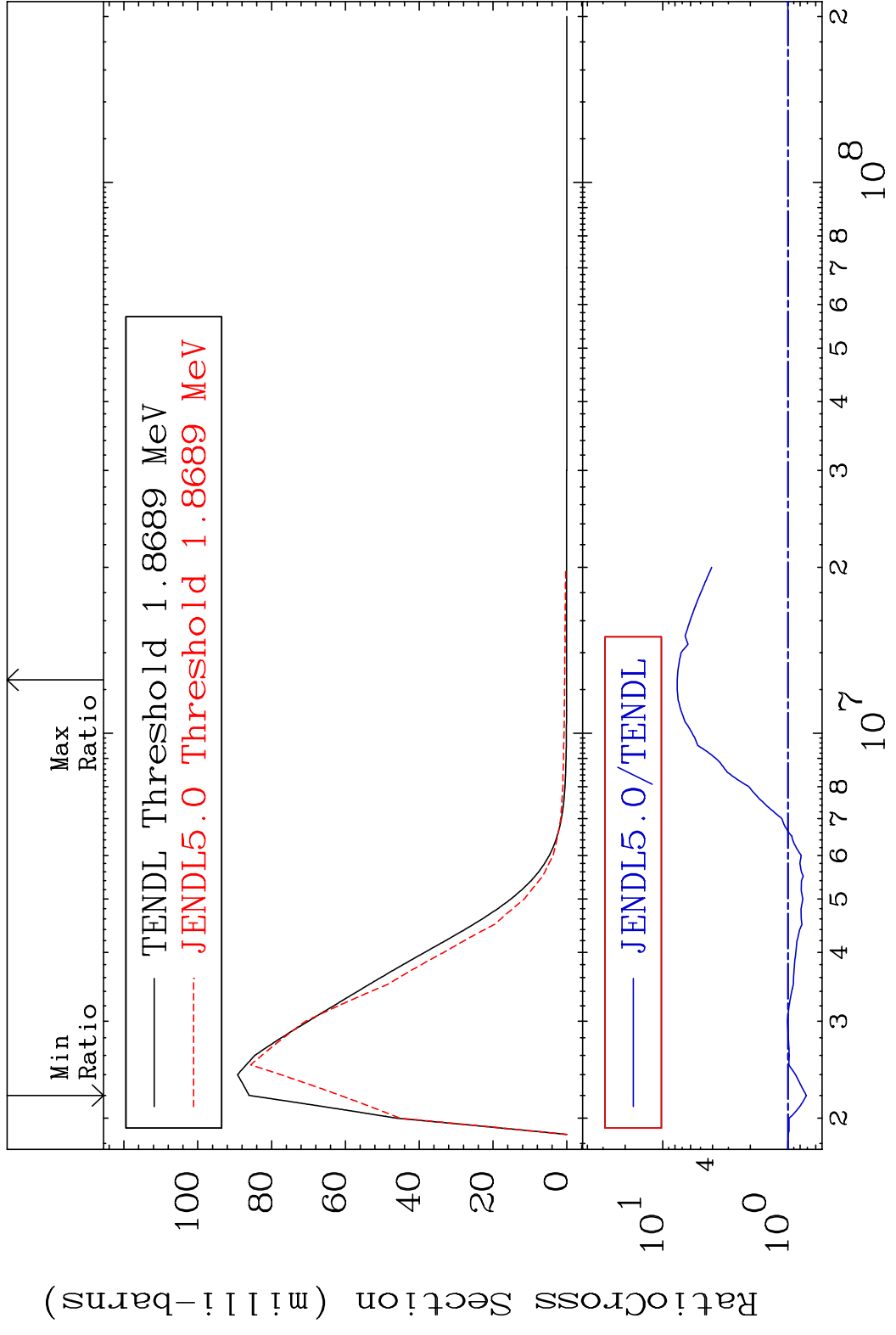
MAT 3646 MT= 58 (n, n') Level 36-Kr-85  
 Cross Section -28.23 To 9999. %



MAT 3646 MT= 59 (n, n') Level 36-Kr-85  
 Cross Section -18.40 To 9999. %

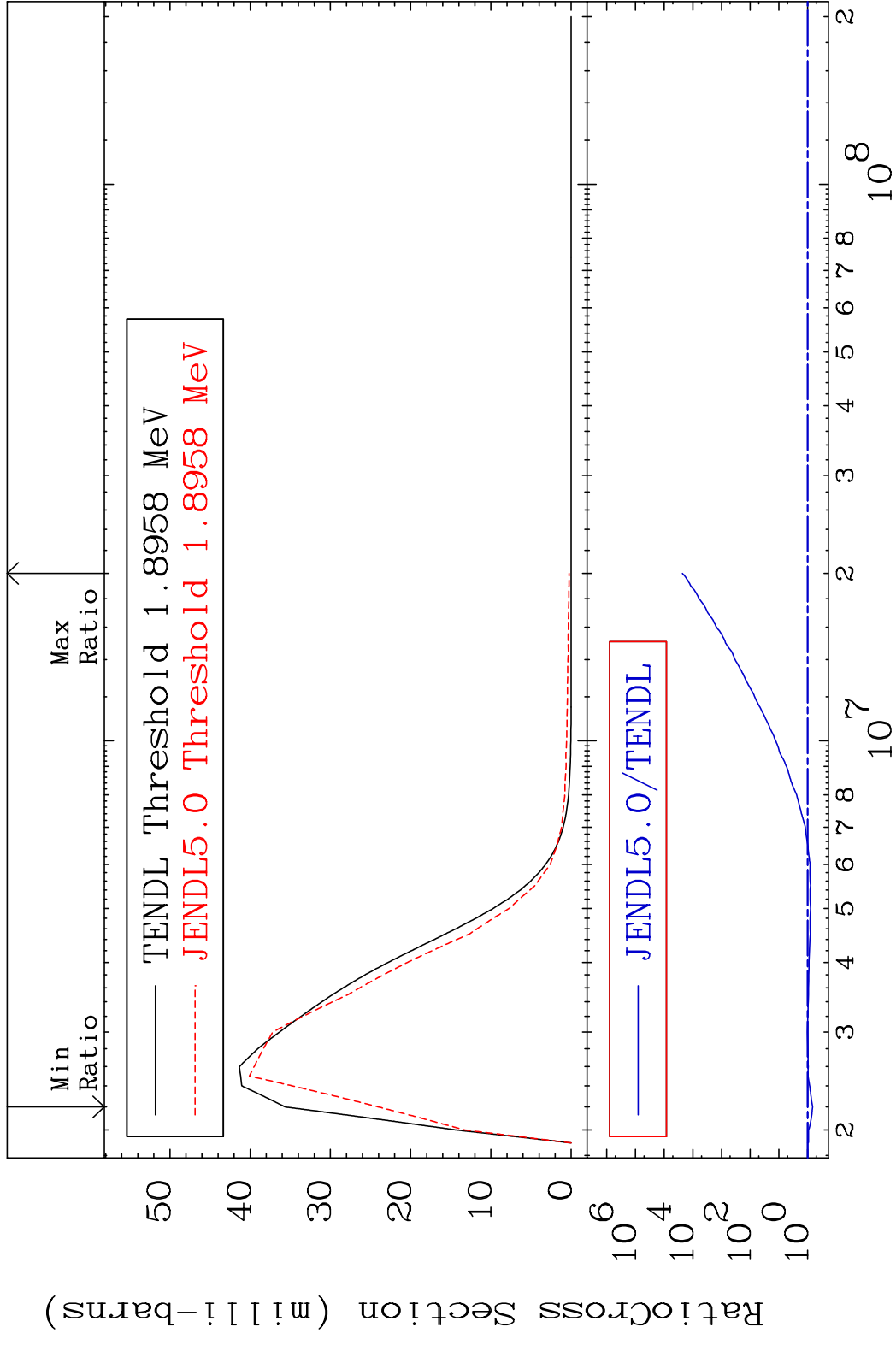


MAT 3646 MT= 60 (n, n') Level 36-Kr-85  
 Cross Section -28.70 To 667.6 %

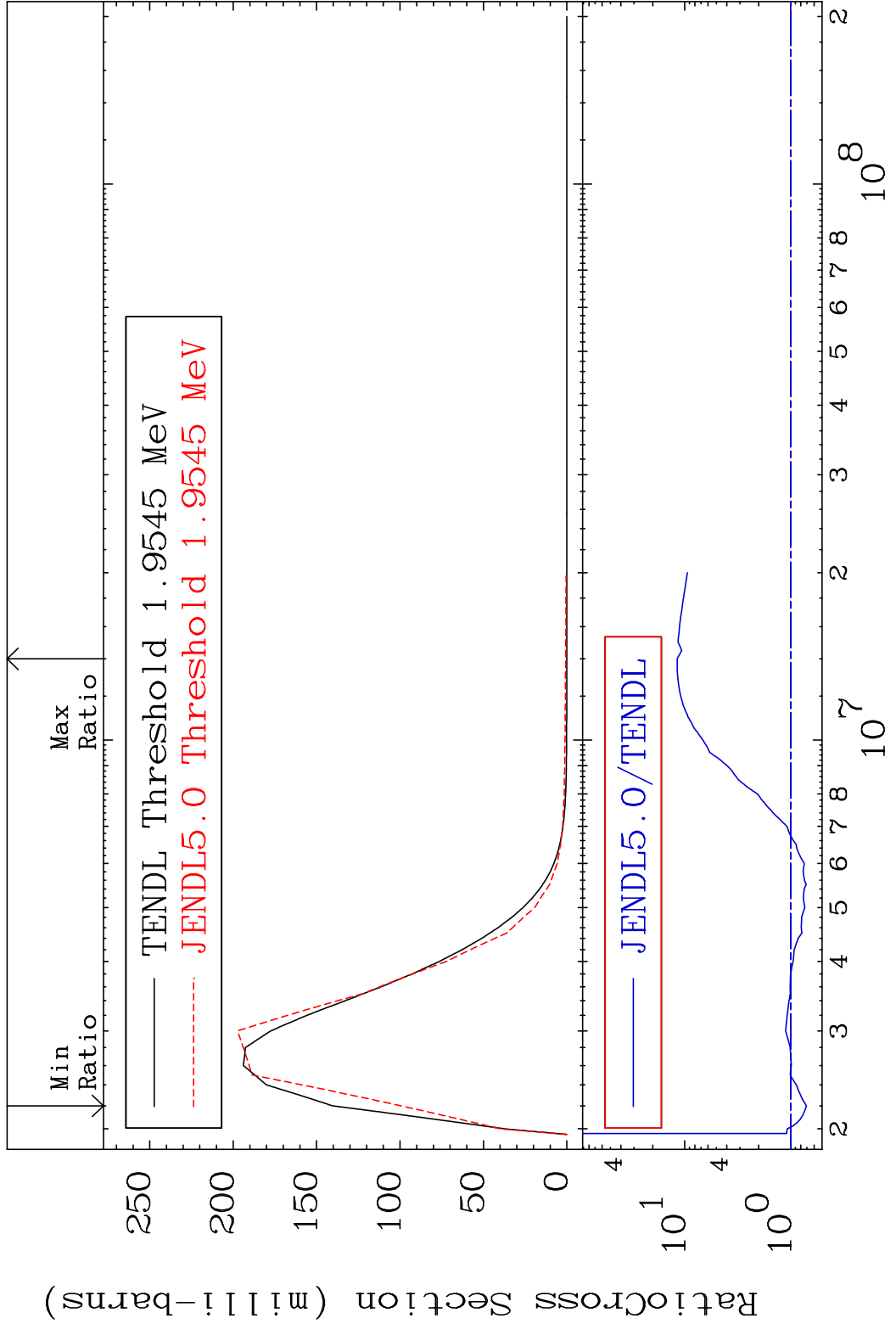


18 Incident Energy (eV) 36-Kr-85

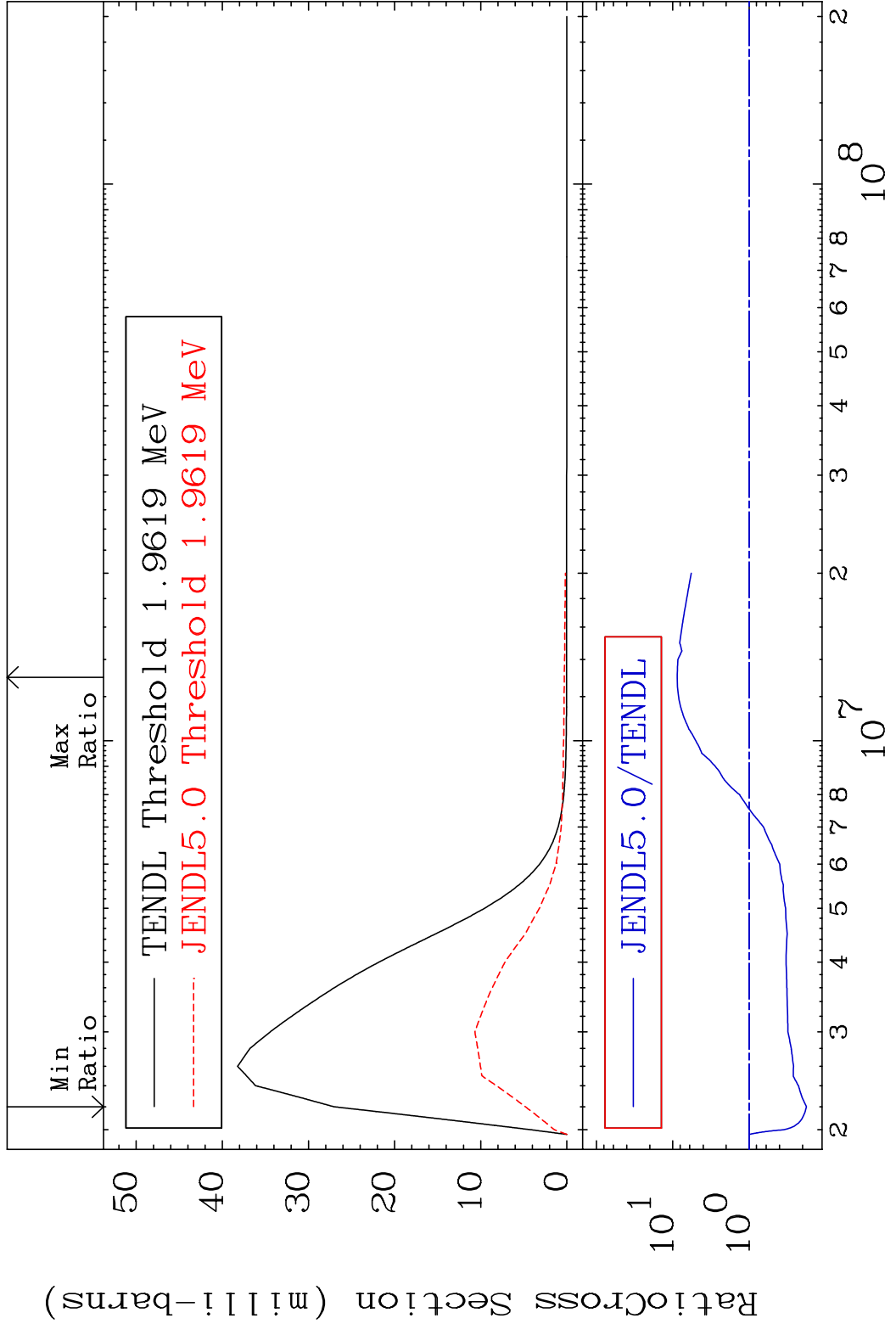
MAT 3646 MT= 61 (n, n') Level 36-Kr-85  
 Cross Section -32.63 To 9999. %



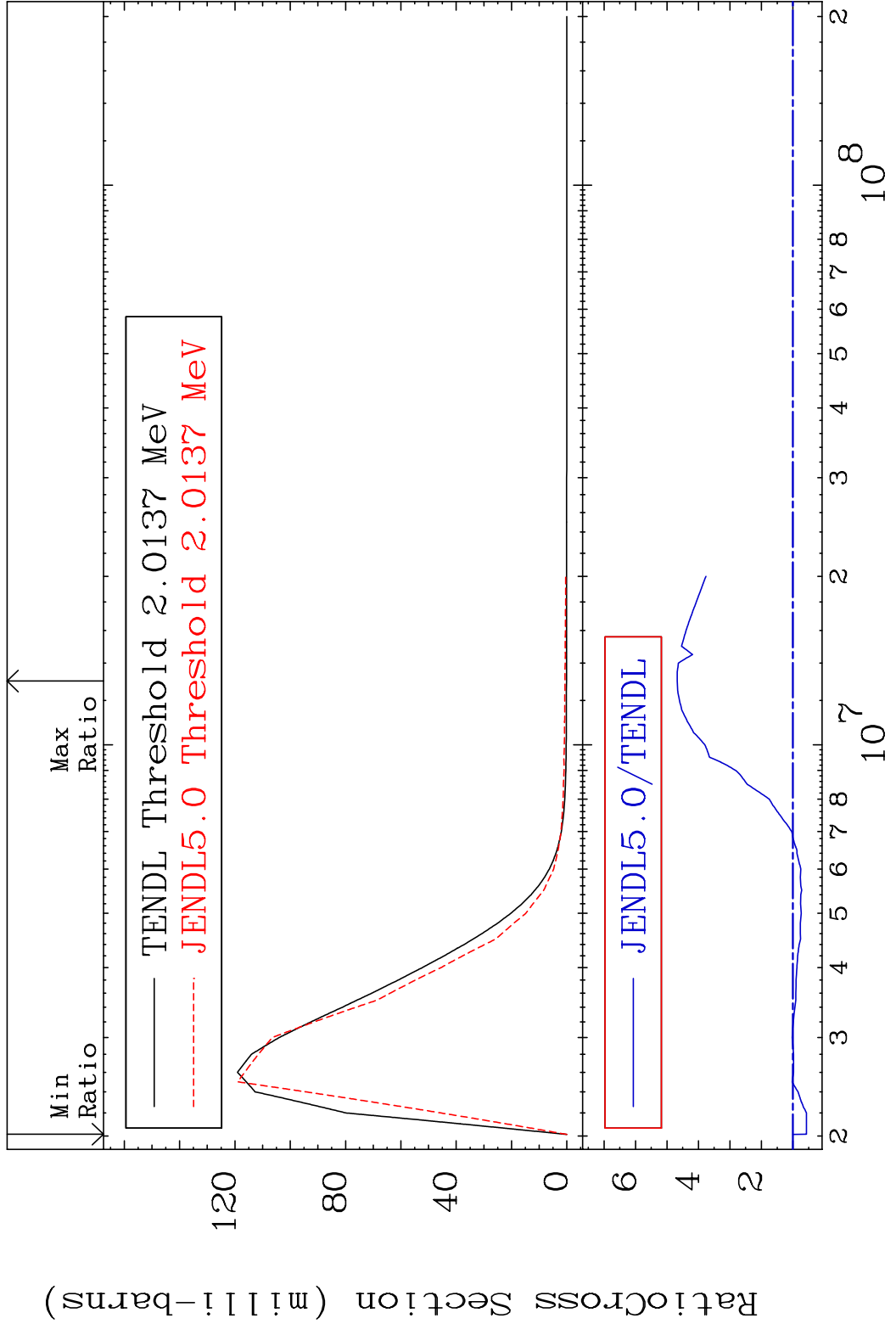
MAT 3646 MT= 62 (n, n') Level 36-Kr-85  
 Cross Section -29.17 To 1074. %



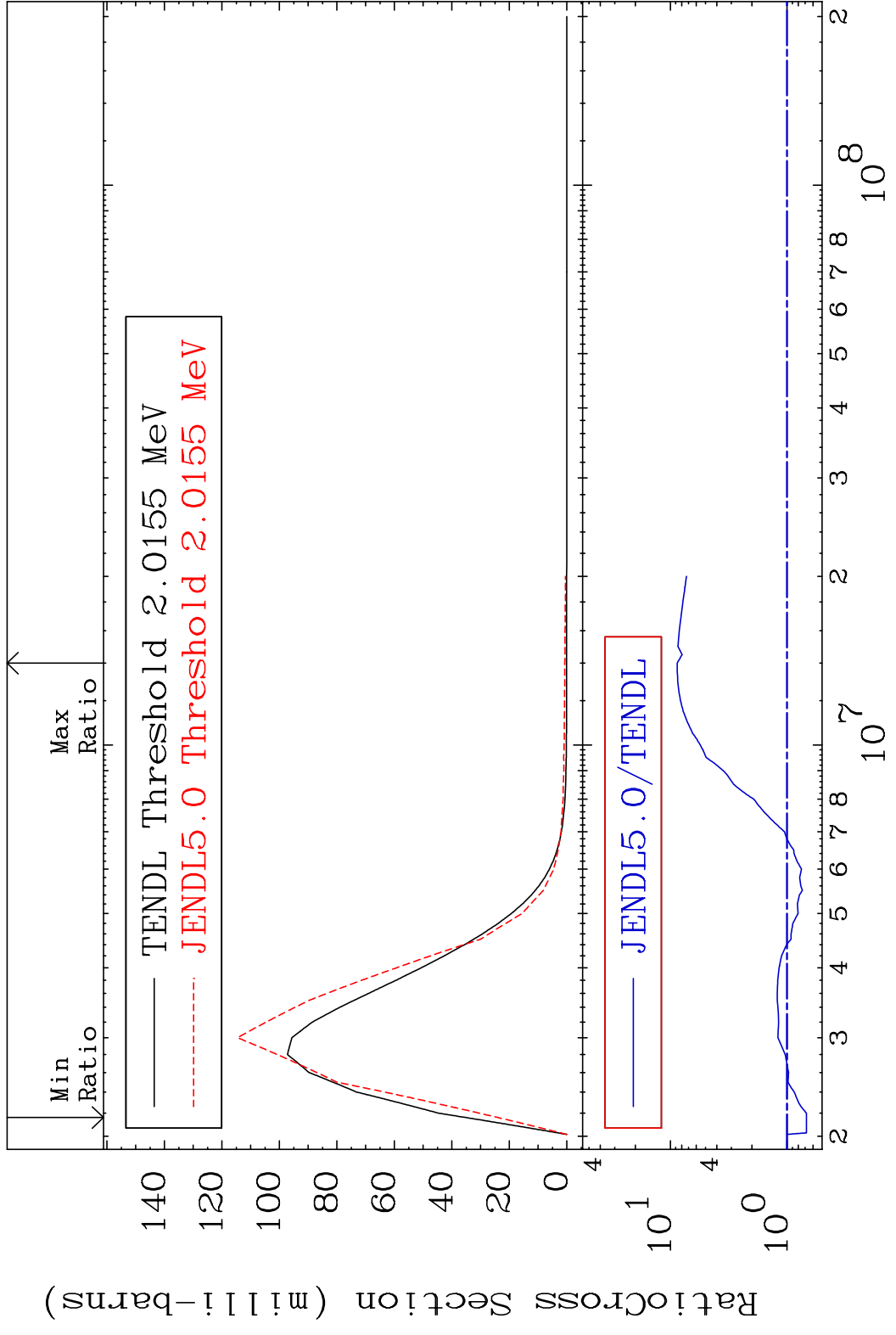
MAT 3646 MT= 63 (n, n') Level 36-Kr-85  
 Cross Section -82.21 To 775.0 %



MAT 3646 MT= 64 (n, n') Level 36-Kr-85  
 Cross Section -42.96 To 367.6 %

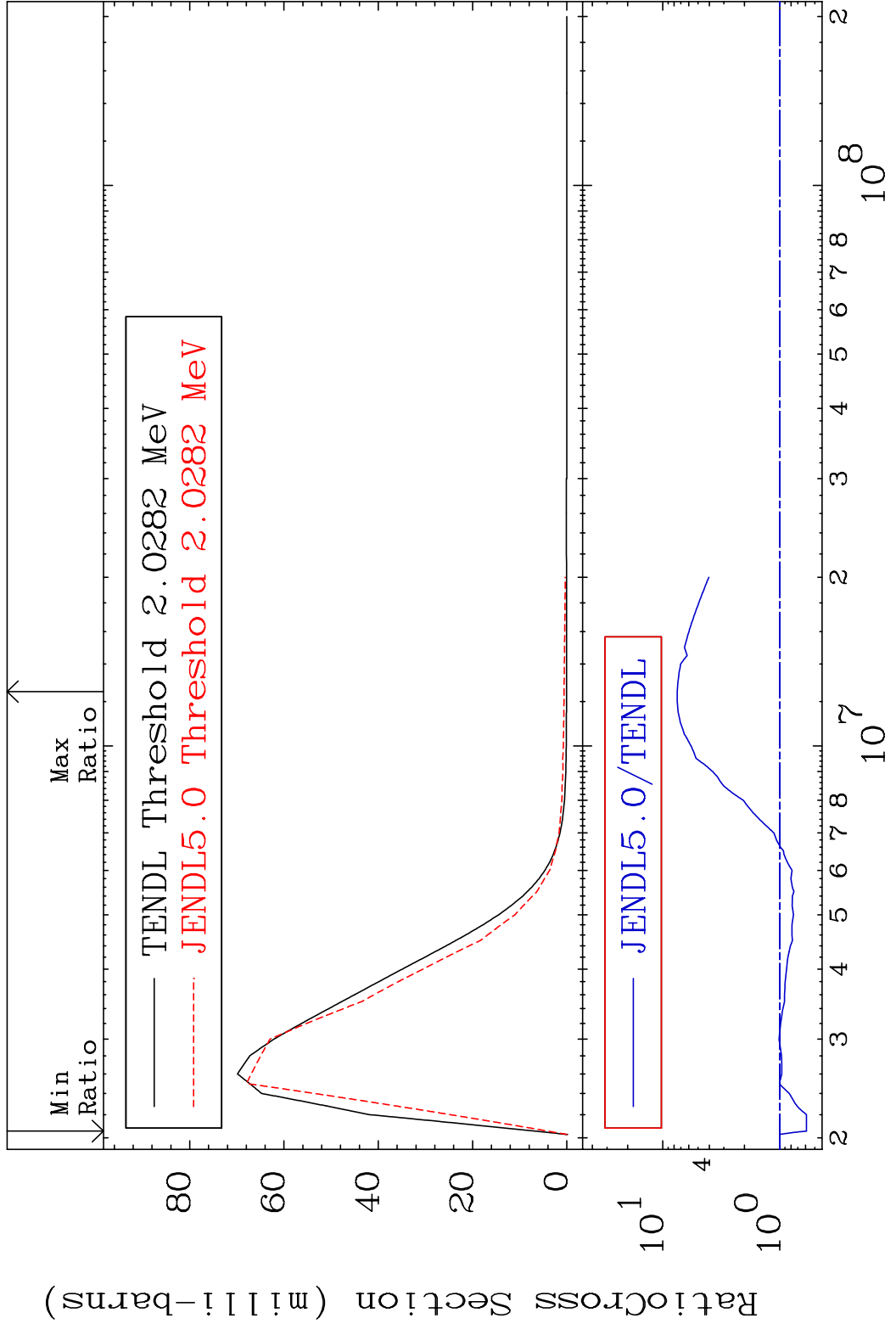


MAT 3646 MT= 65 (n, n') Level 36-Kr-85  
 Cross Section -31.74 To 774.8 %

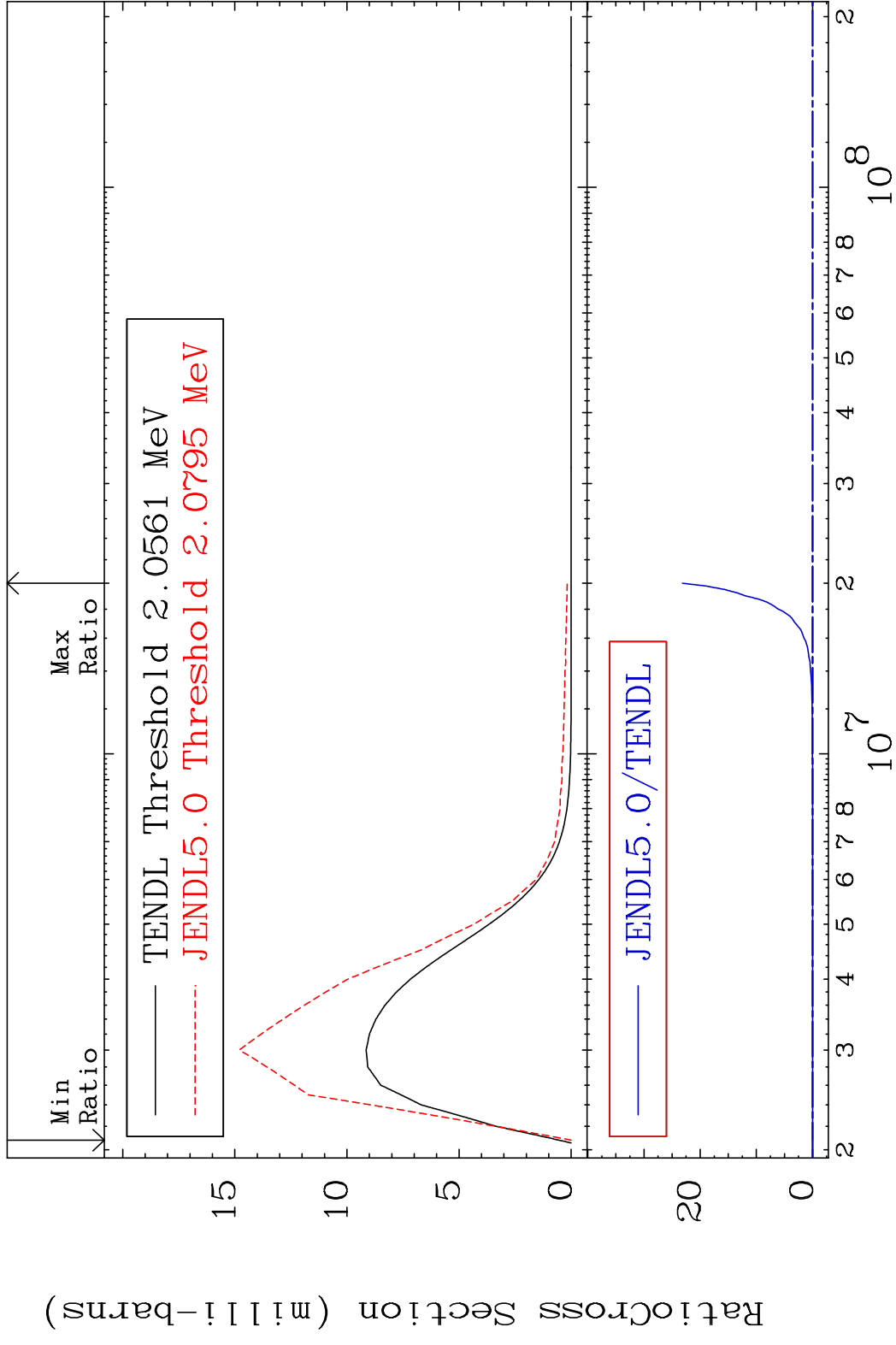




MAT 3646 MT= 66 (n, n') Level 36-Kr-85  
 Cross Section -40.90 To 652.9 %

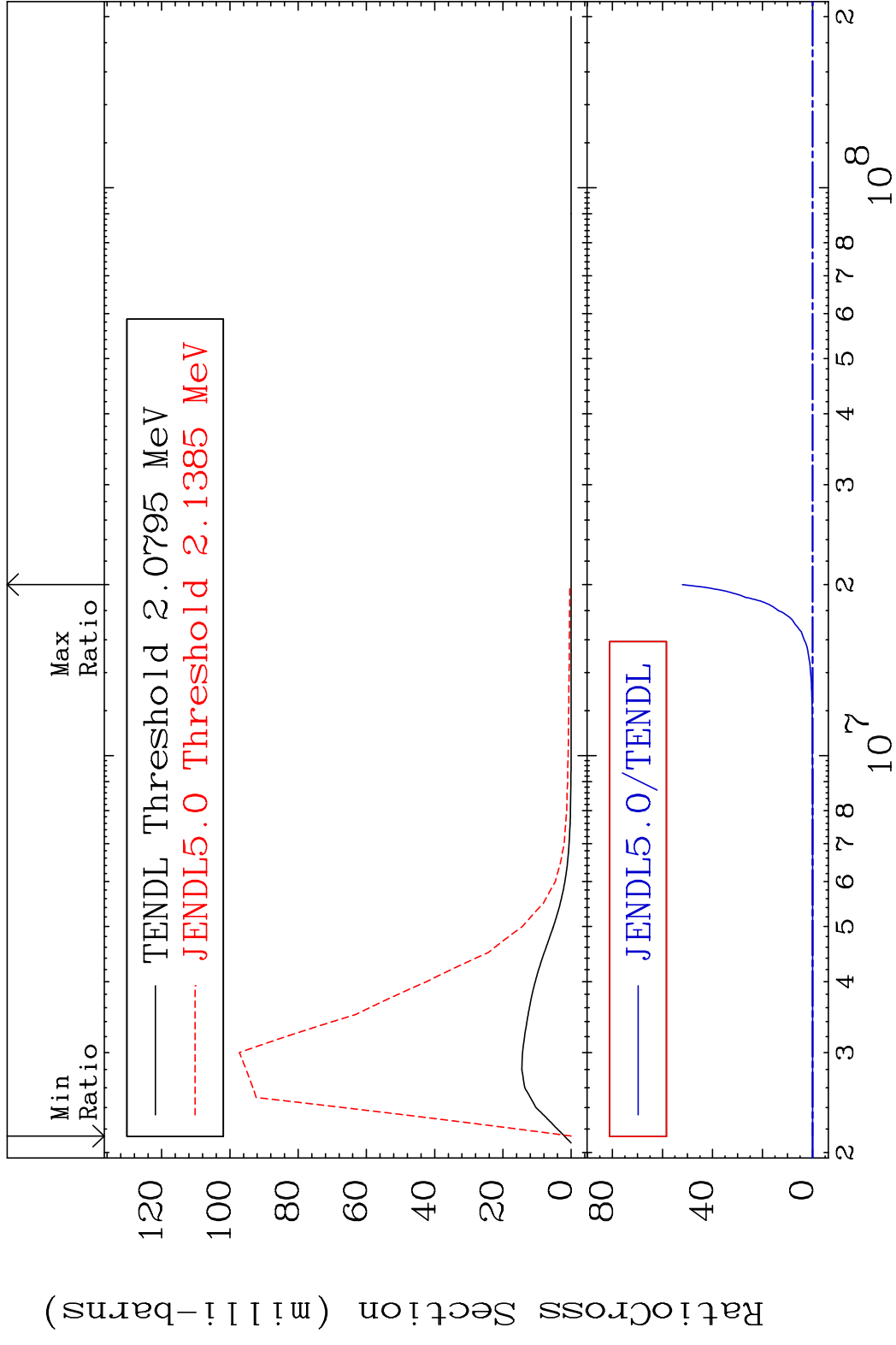


MAT 3646 MT= 67 (n, n') Level 36-Kr-85  
 Cross Section -100.0 To 9999. %

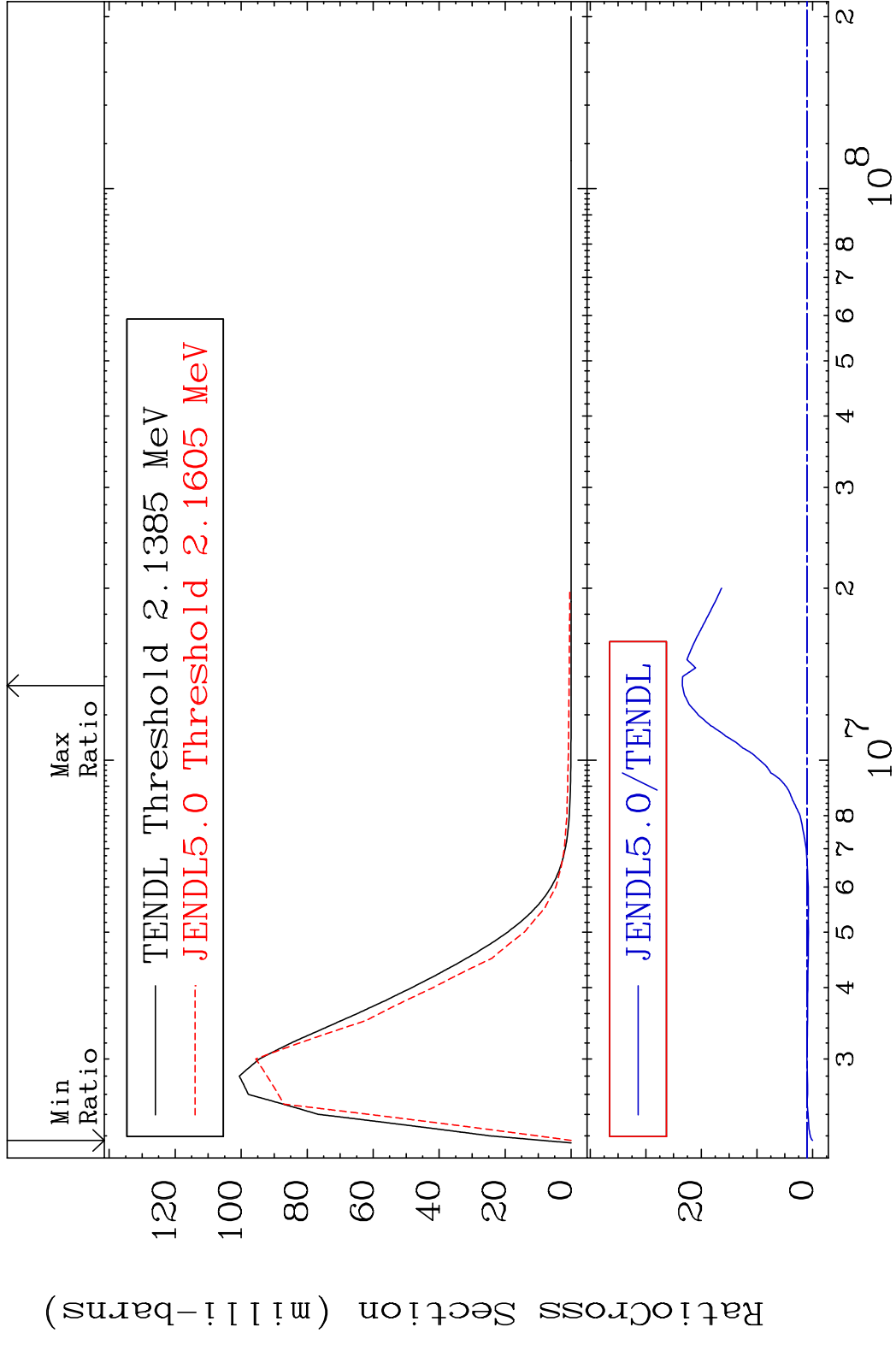


25 Incident Energy (eV) 36-Kr-85

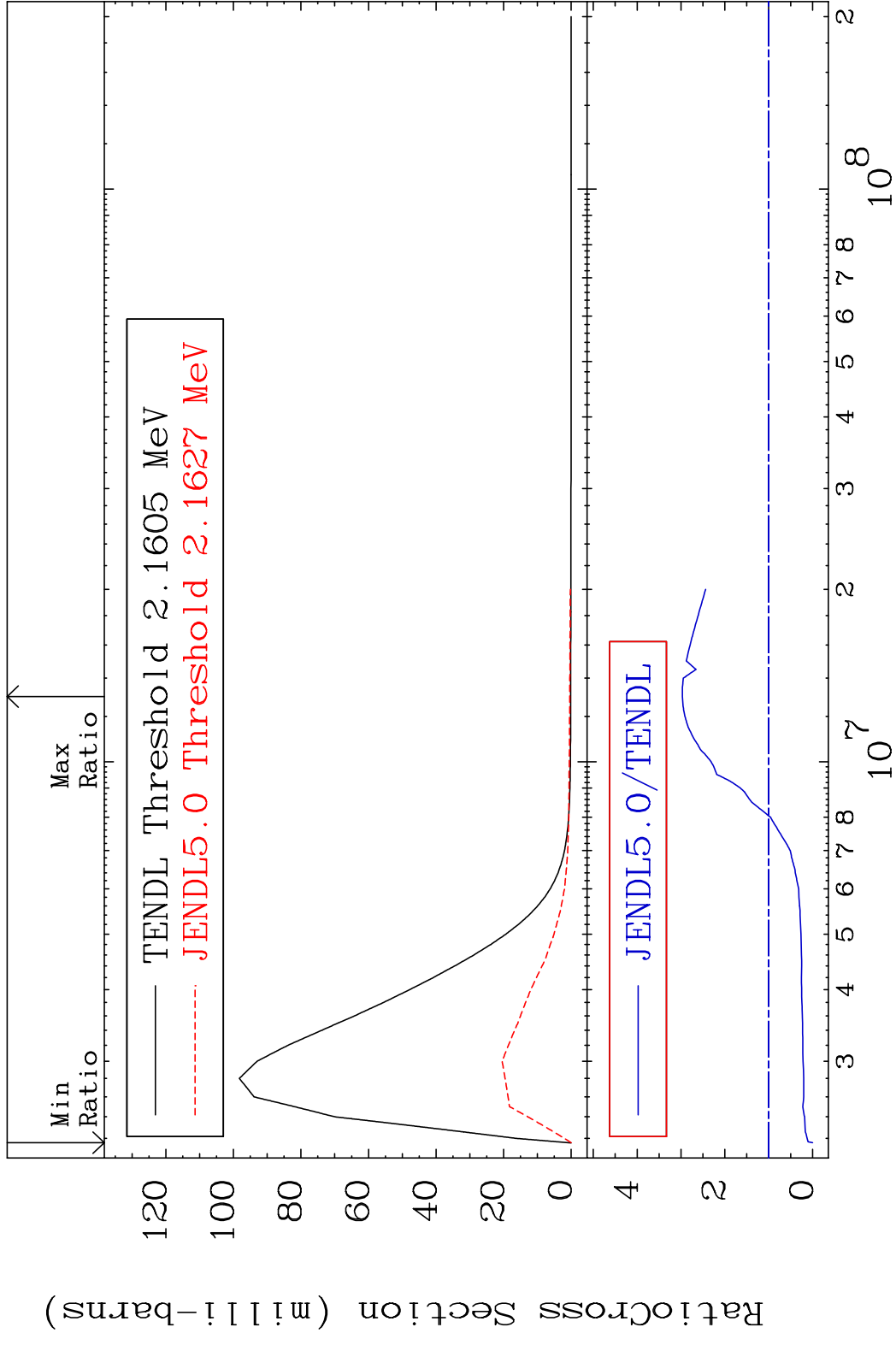
MAT 3646 MT= 68 (n, n') Level 36-Kr-85  
 Cross Section -100.0 To 9999. %



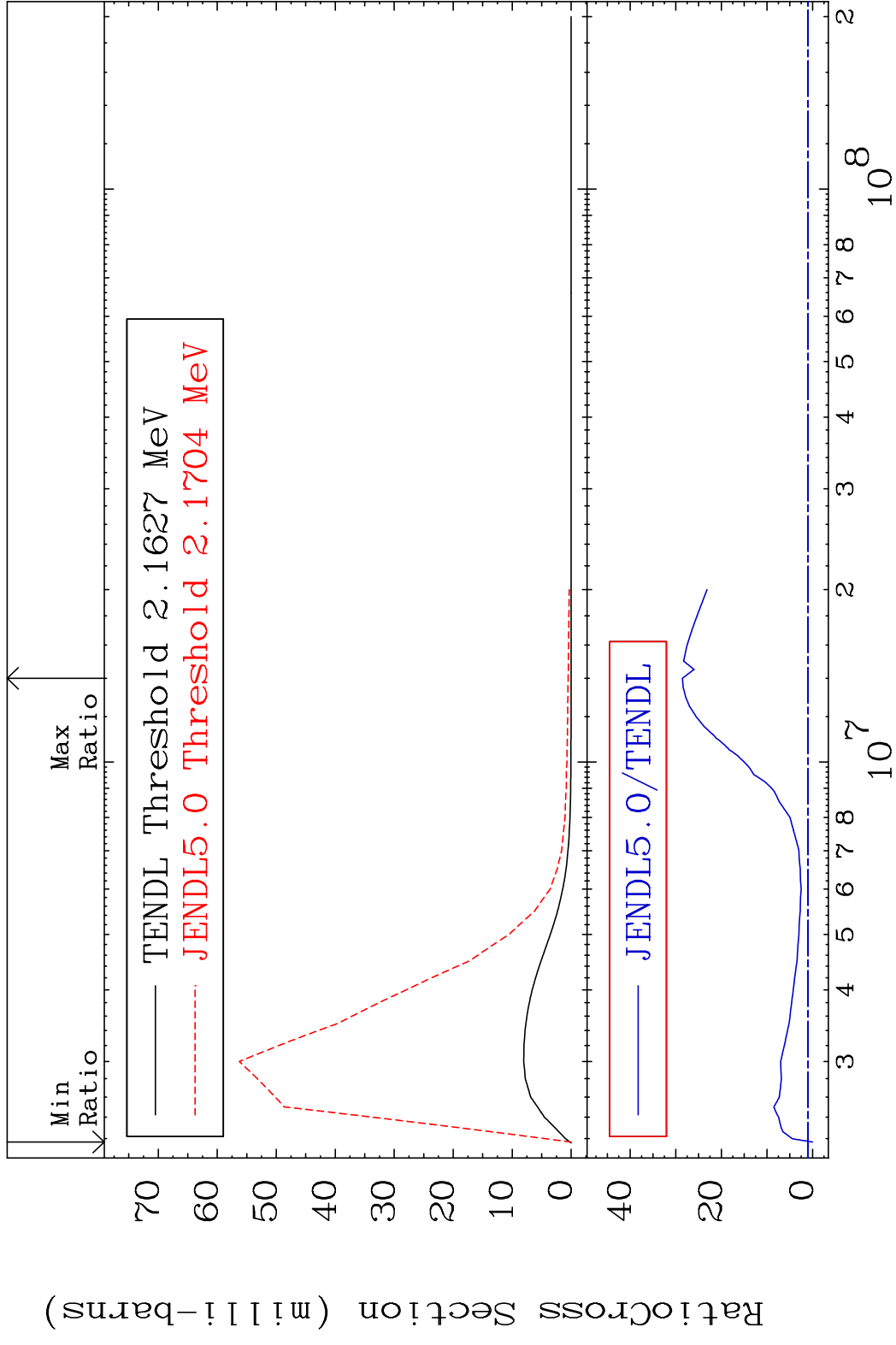
MAT 3646 MT= 69 (n, n') Level 36-Kr-85  
 Cross Section -100.0 To 2242. %



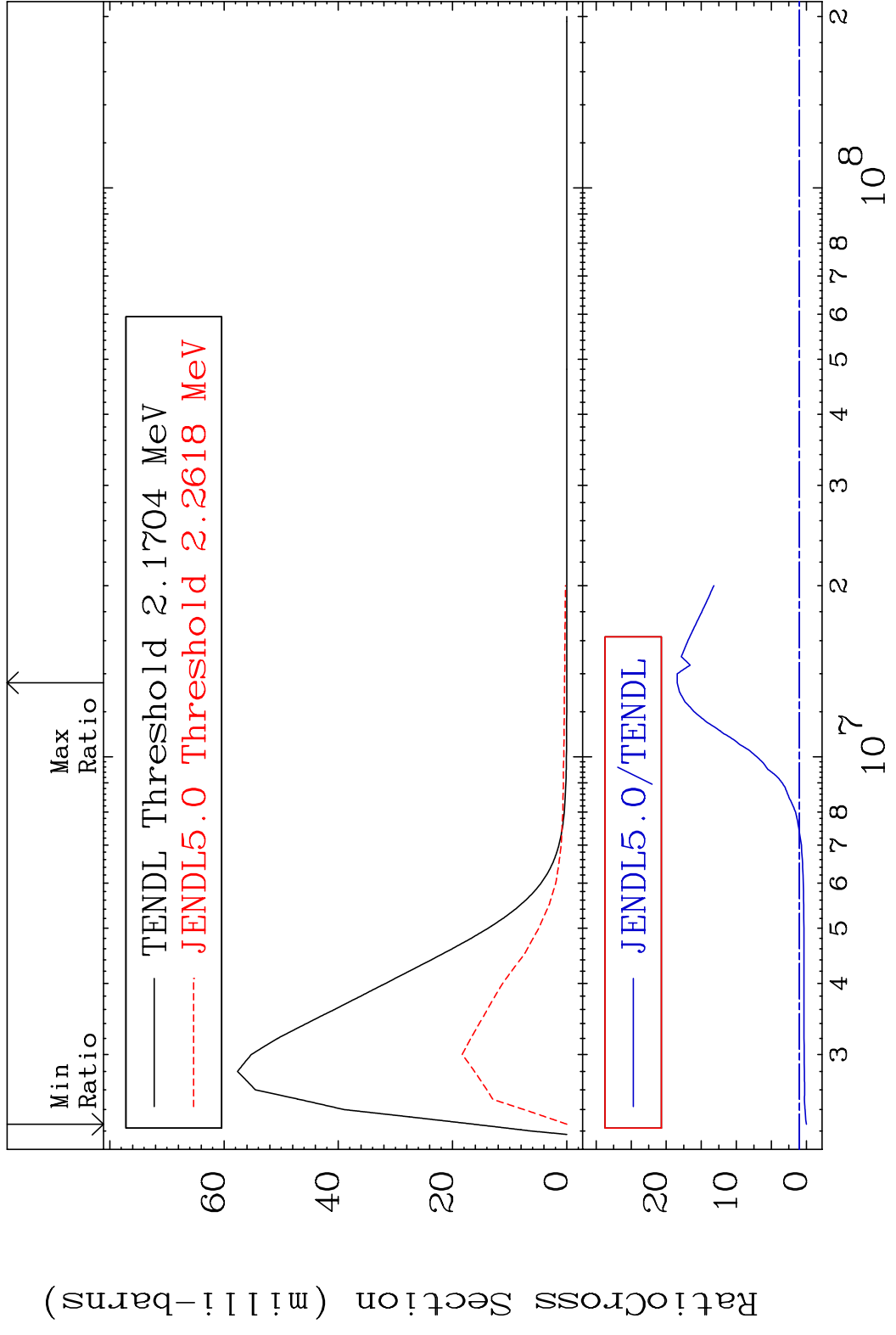
MAT 3646 MT= 70 (n, n') Level 36-Kr-85  
 Cross Section -100.0 To 196.9 %



MAT 3646 MT= 71 (n, n') Level 36-Kr-85  
 Cross Section -100.0 To 2757. %

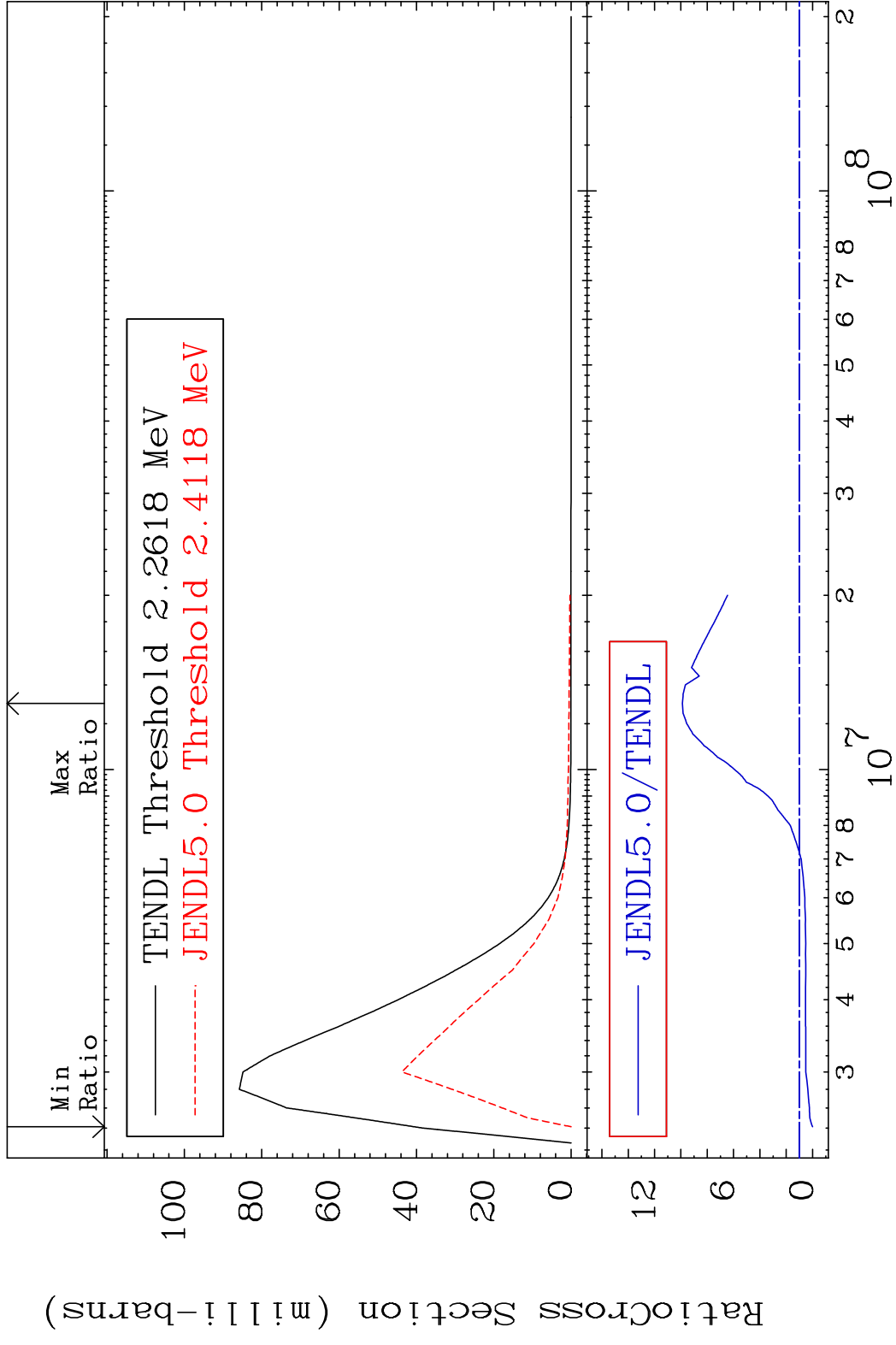


MAT 3646 MT= 72 (n, n') Level 36-Kr-85  
 Cross Section -100.0 To 1744. %



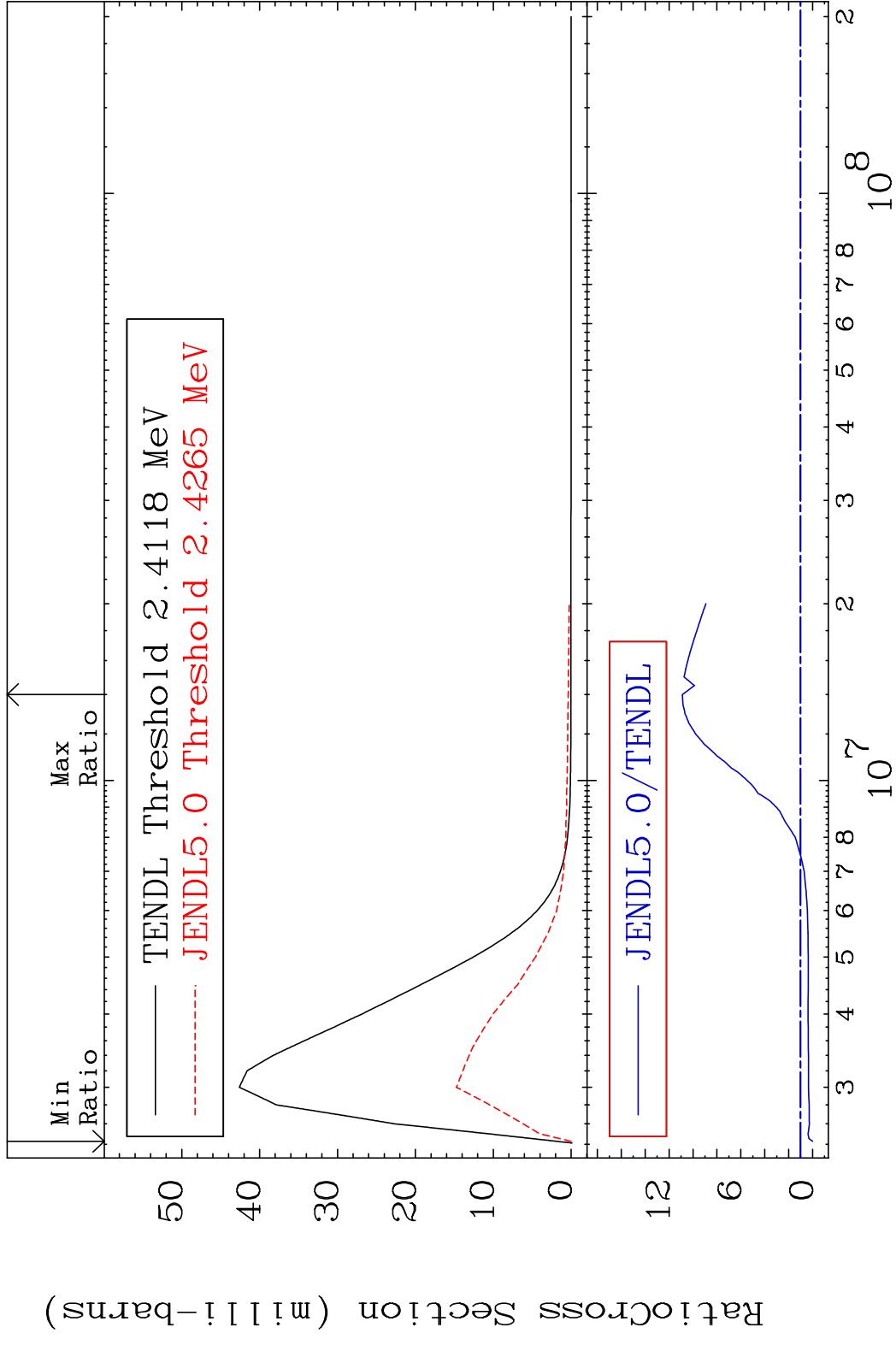
30 36-Kr-85

MAT 3646 MT= 73 (n, n') Level 36-Kr-85  
 Cross Section -100.0 To 889.0 %

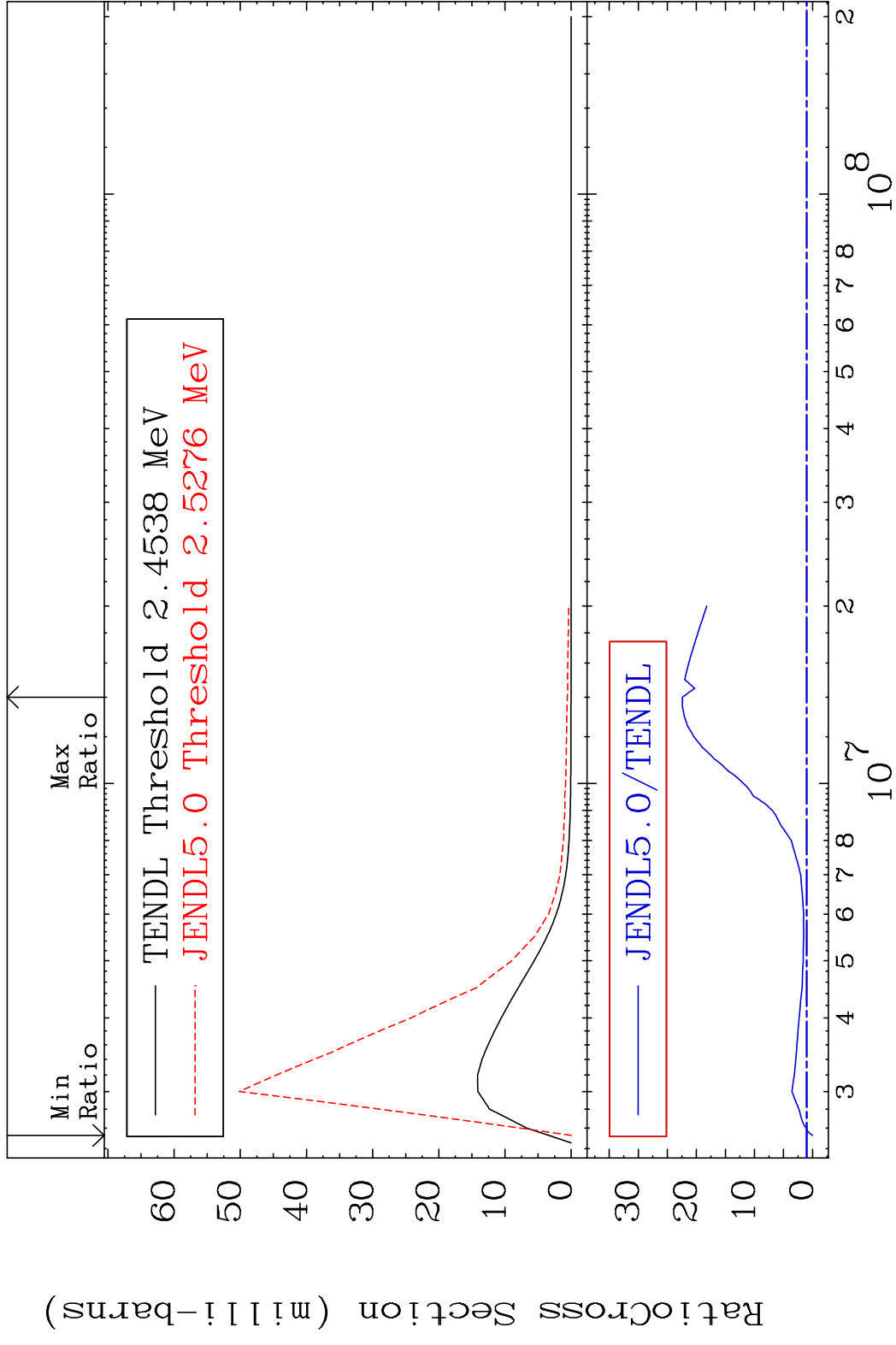




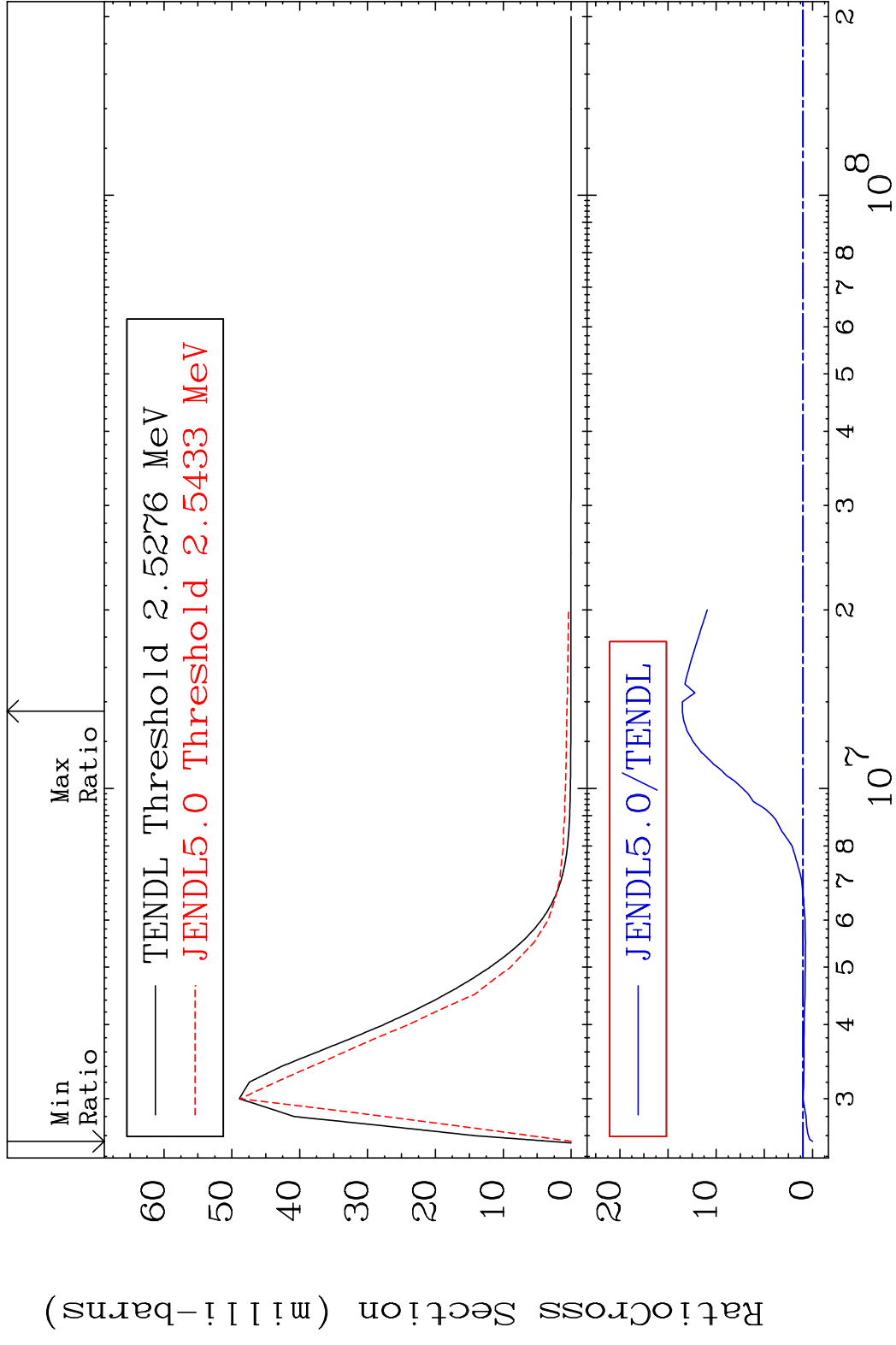
MAT 3646 MT= 74 (n, n') Level 36-Kr-85  
 Cross Section -100.0 To 989.1 %



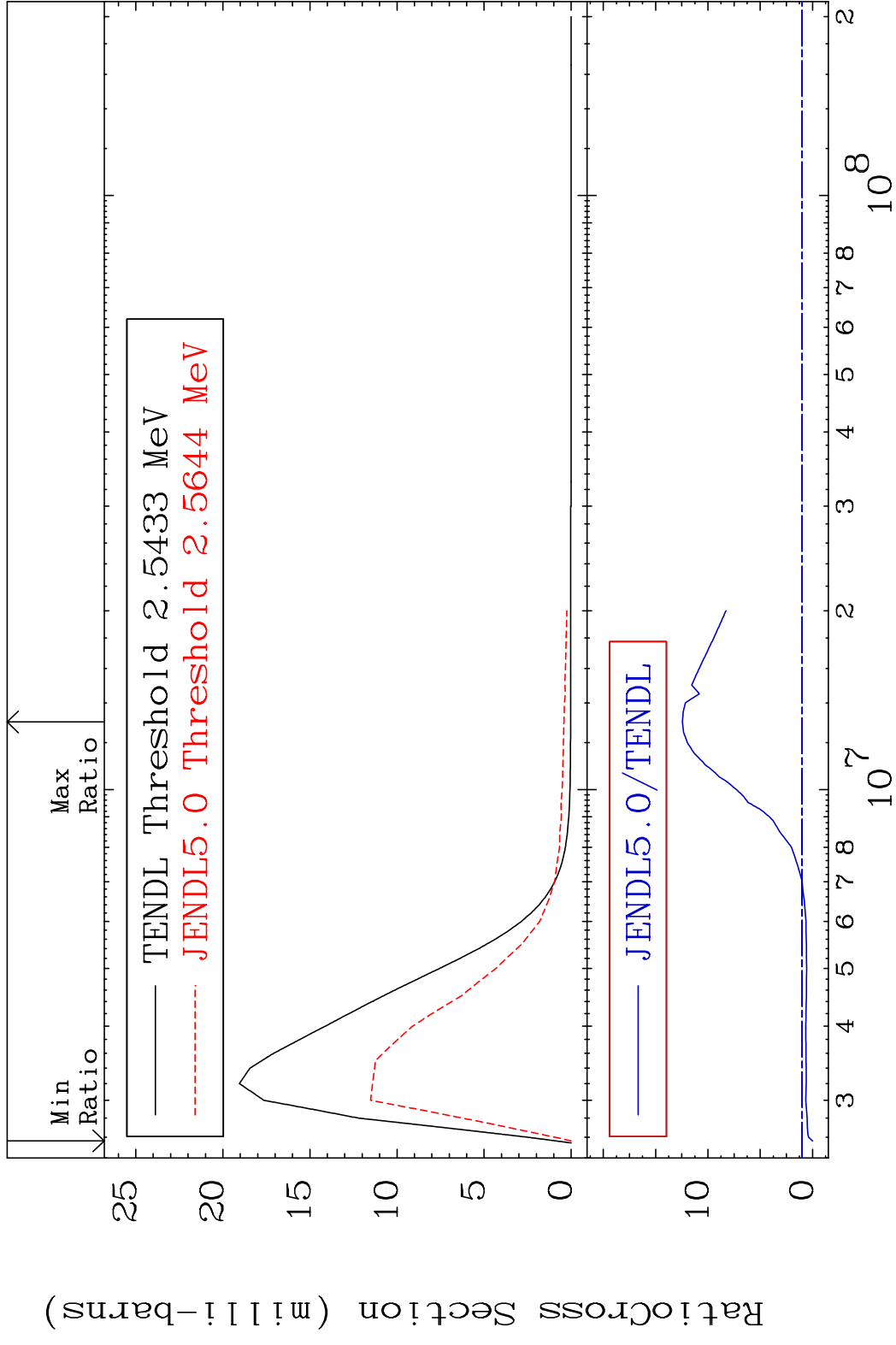
MAT 3646 MT= 75 (n,n') Level 36-Kr-85  
 Cross Section -100.0 To 2142. %



MAT 3646 MT= 76 (n,n') Level 36-Kr-85  
 Cross Section -100.0 To 1251. %

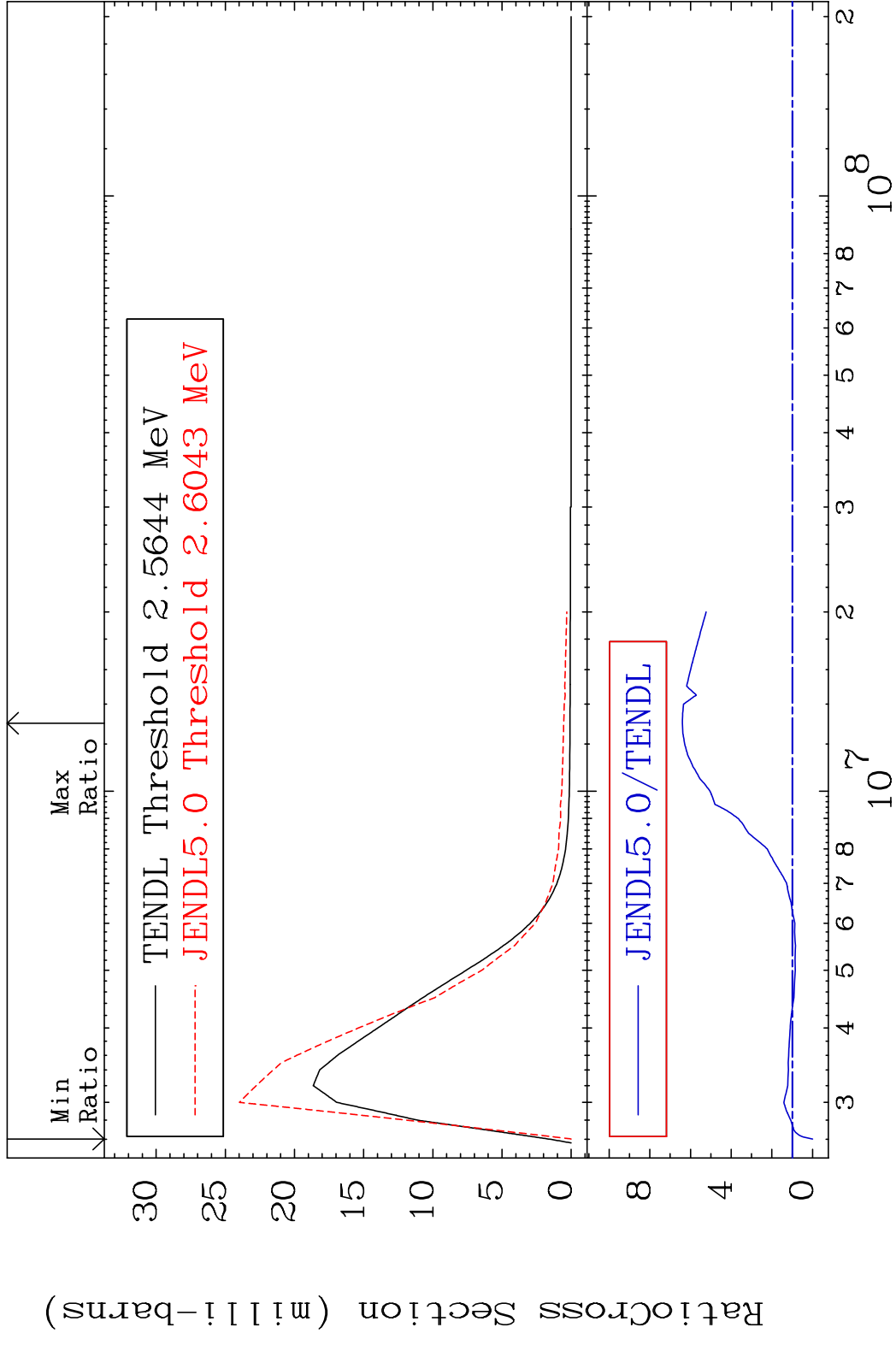


MAT 3646 MT= 77 (n,n') Level 36-Kr-85  
 Cross Section -100.0 To 1144. %



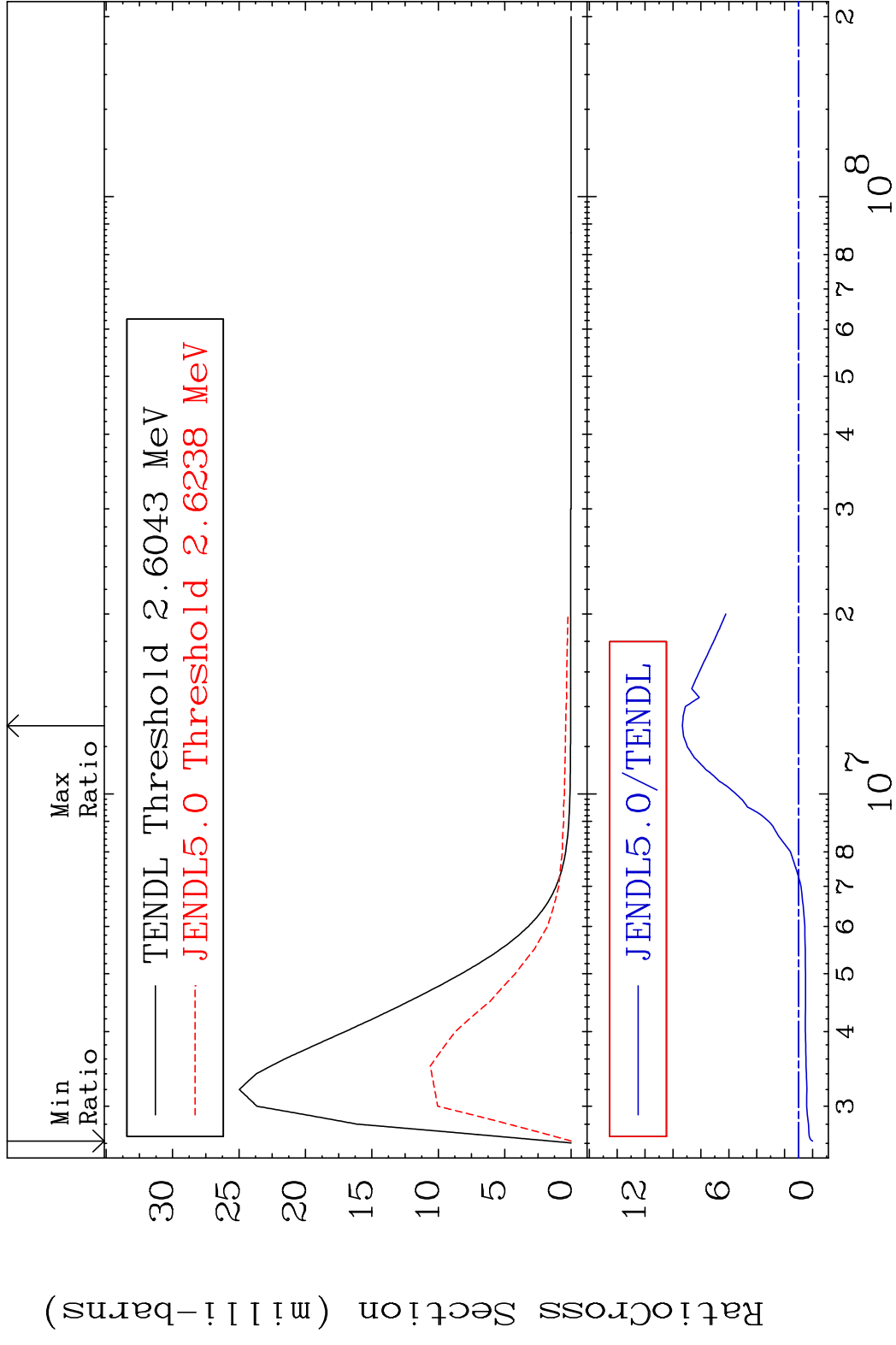
35 36-Kr-85

MAT 3646 MT= 78 (n, n') Level 36-Kr-85  
 Cross Section -100.0 To 540.1 %



36 36-Kr-85

MAT 3646 MT= 79 (n,n') Level 36-Kr-85  
 Cross Section -100.0 To 833.0 %



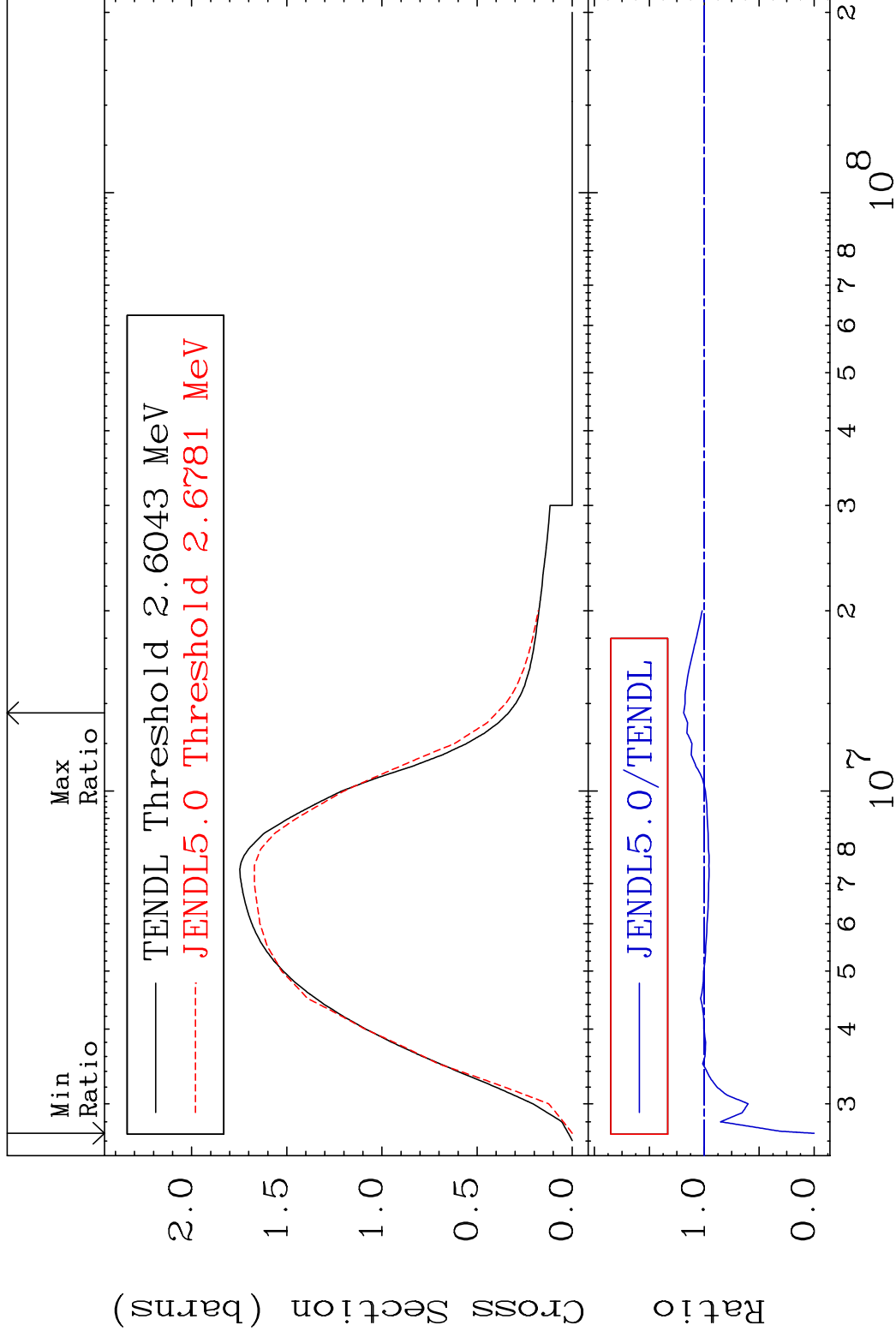
37 Incident Energy (eV) 36-Kr-85

MAT 3646

(n, n') Continuum

36-Kr-85

Cross Section -100.0 To 18.77 %



38

Incident Energy (eV)

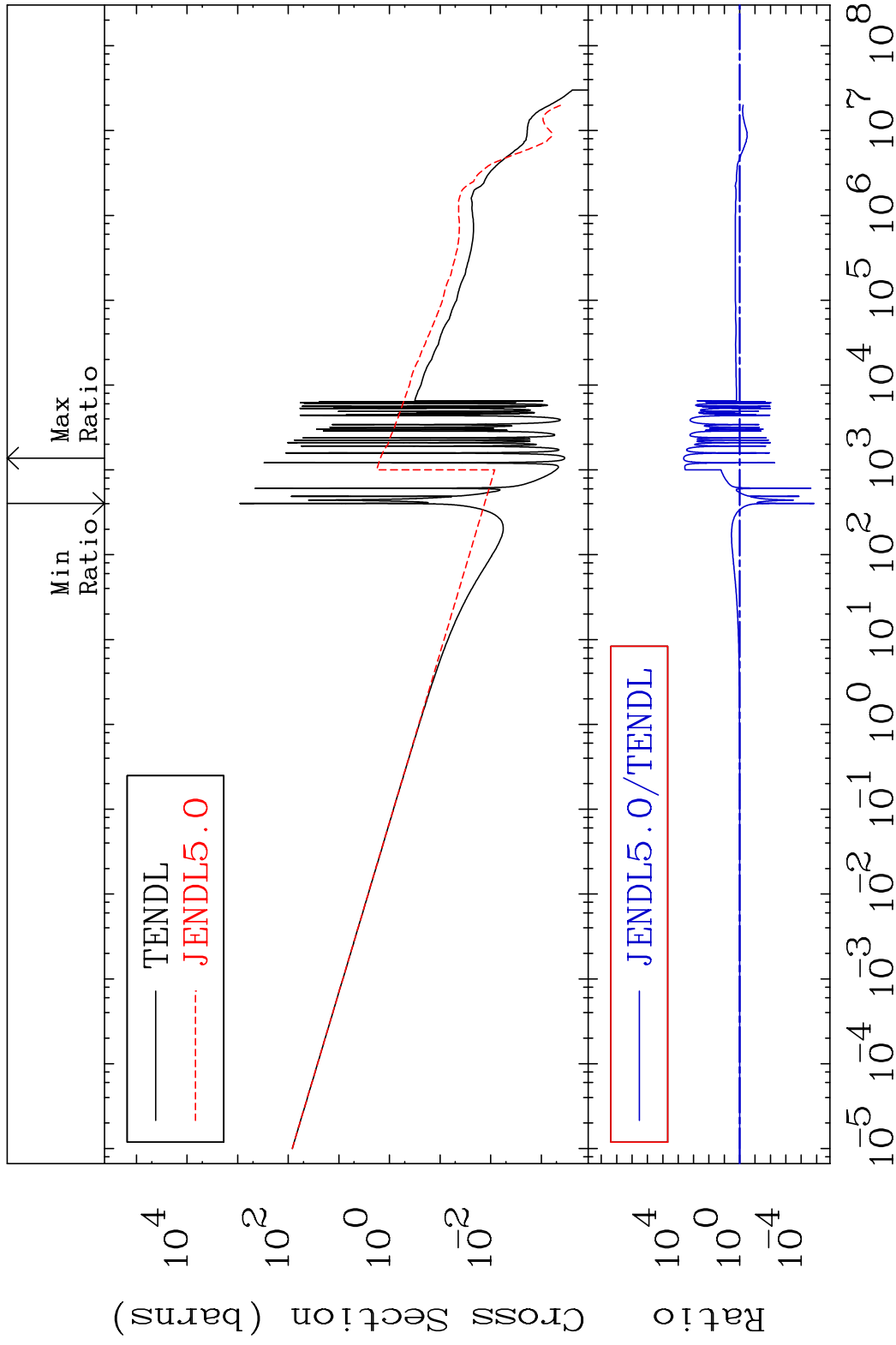
36-Kr-85

MAT 3646

(n,  $\gamma$ )

36-Kr-85

Cross Section -100.0 To 9999. %



39

Incident Energy (eV)

36-Kr-85

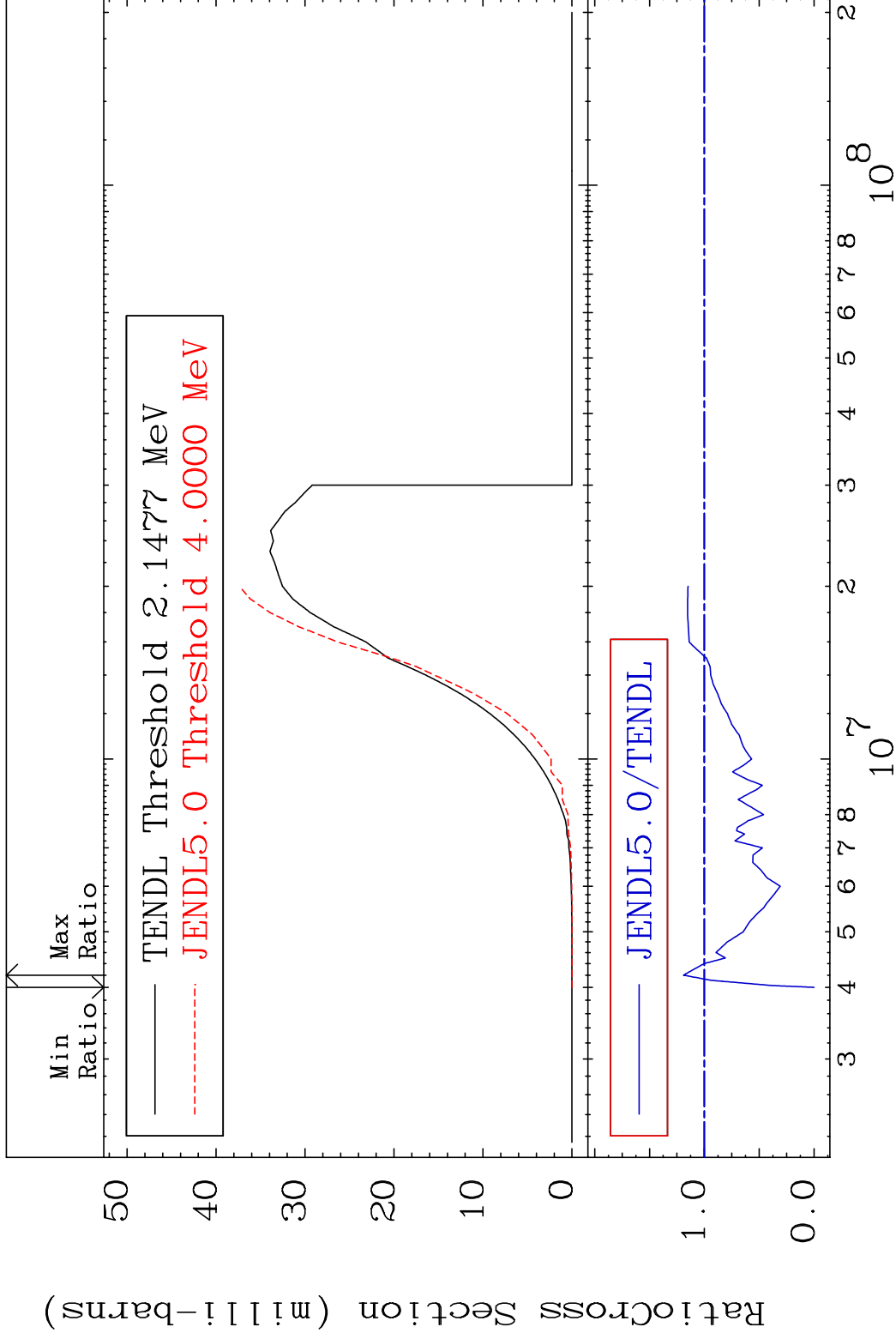


MAT 3646

(n, p)

36-Kr-85

Cross Section -100.0 To 19.07 %



40

Incident Energy (eV)

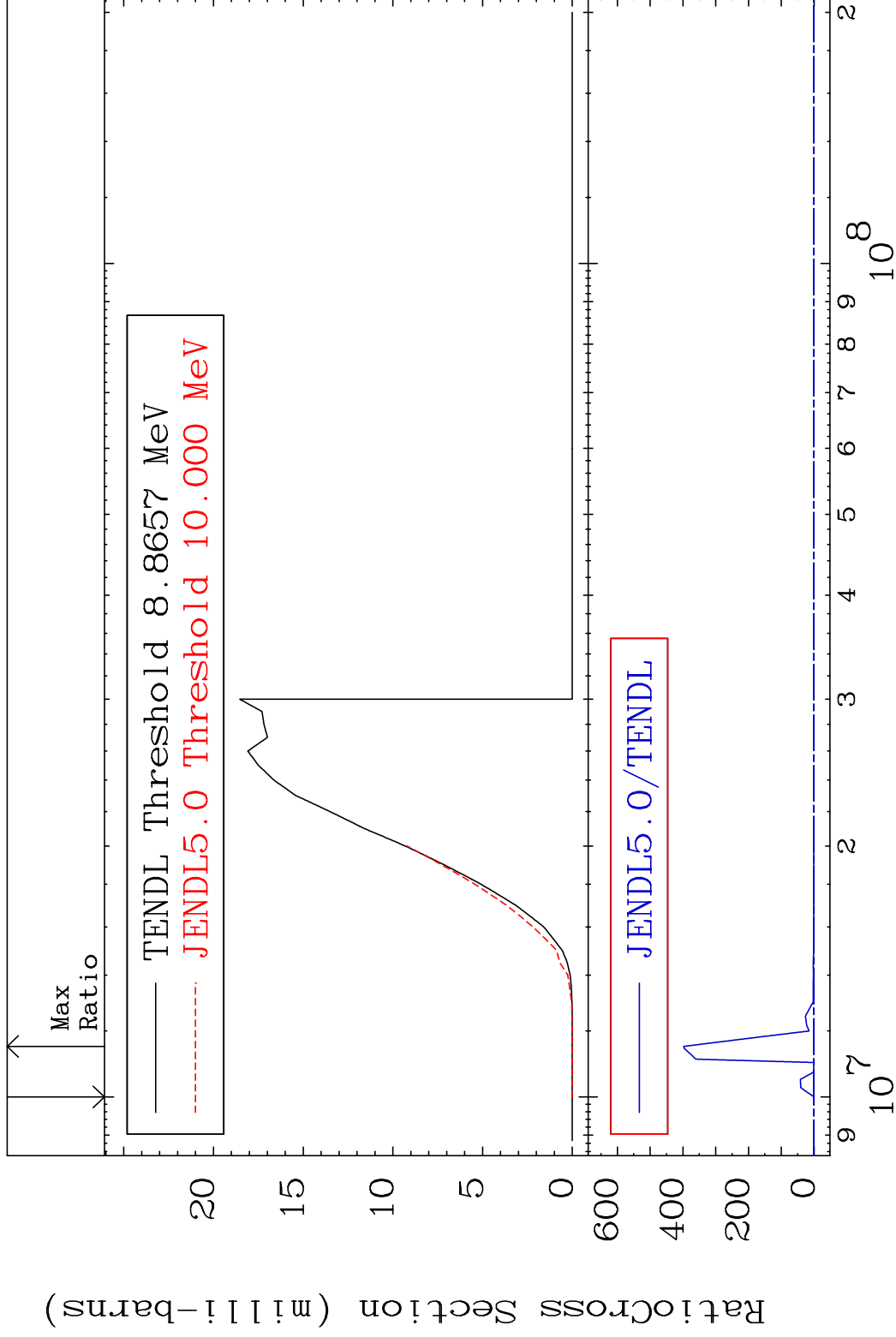
36-Kr-85

MAT 3646

(n,d)

36-Kr-85

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

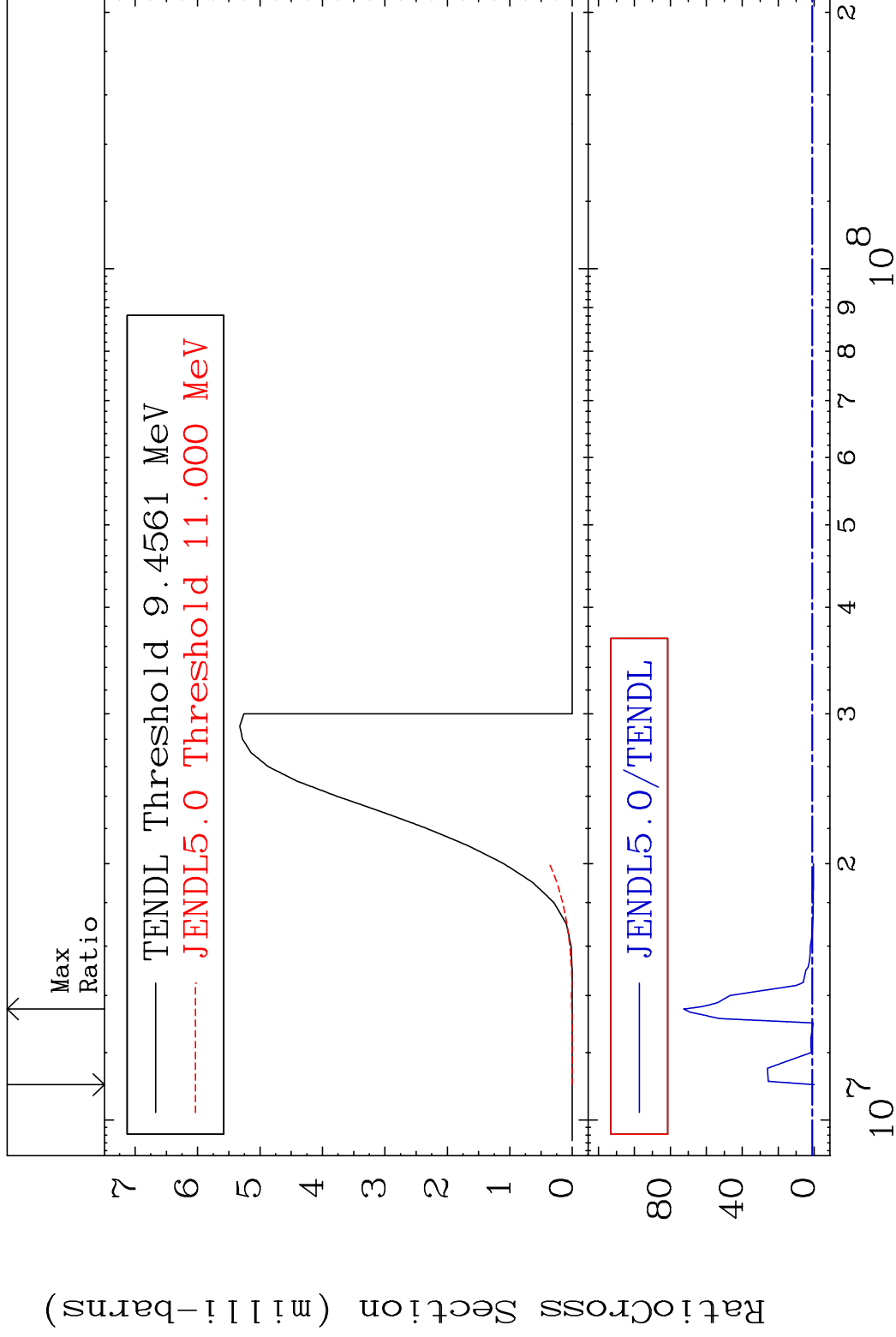
36-Kr-85

MAT 3646

(n, t)

36-Kr-85

Cross Section -100.0 To 7161. %



42

Incident Energy (eV)

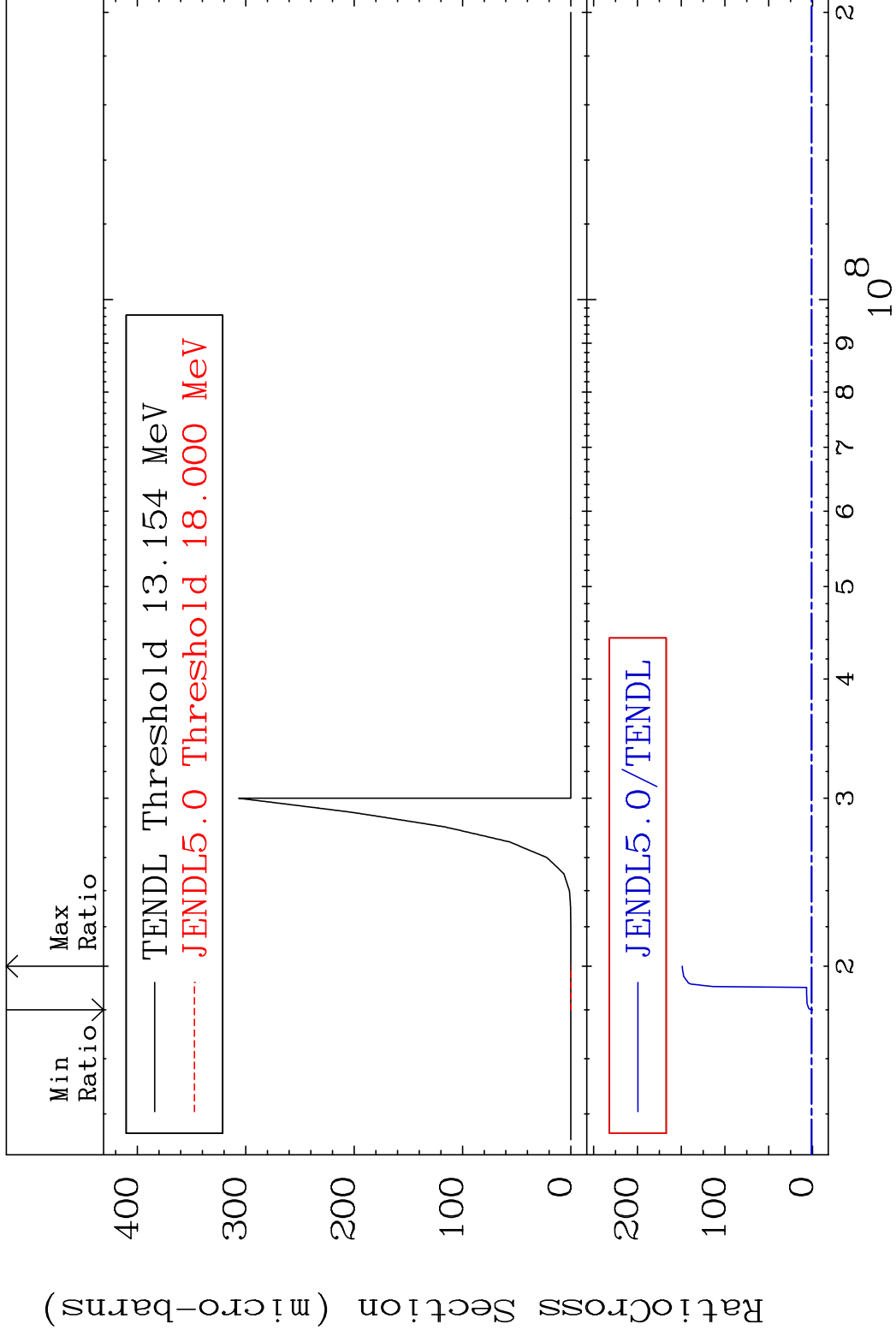
36-Kr-85

MAT 3646

(n, He-3)

36-Kr-85

Cross Section -100.0 To 9999. %



43

Incident Energy (eV)

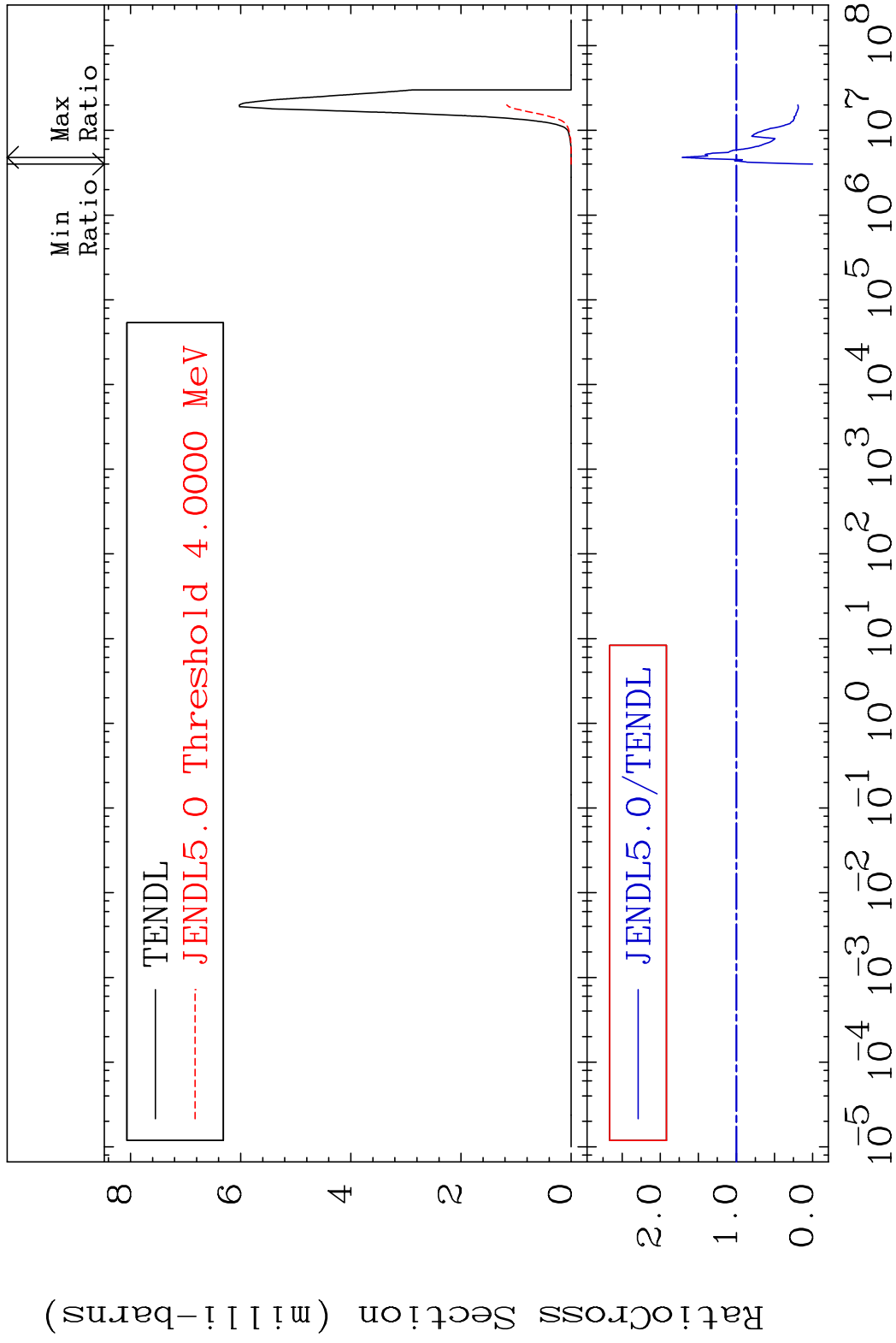
36-Kr-85

MAT 3646

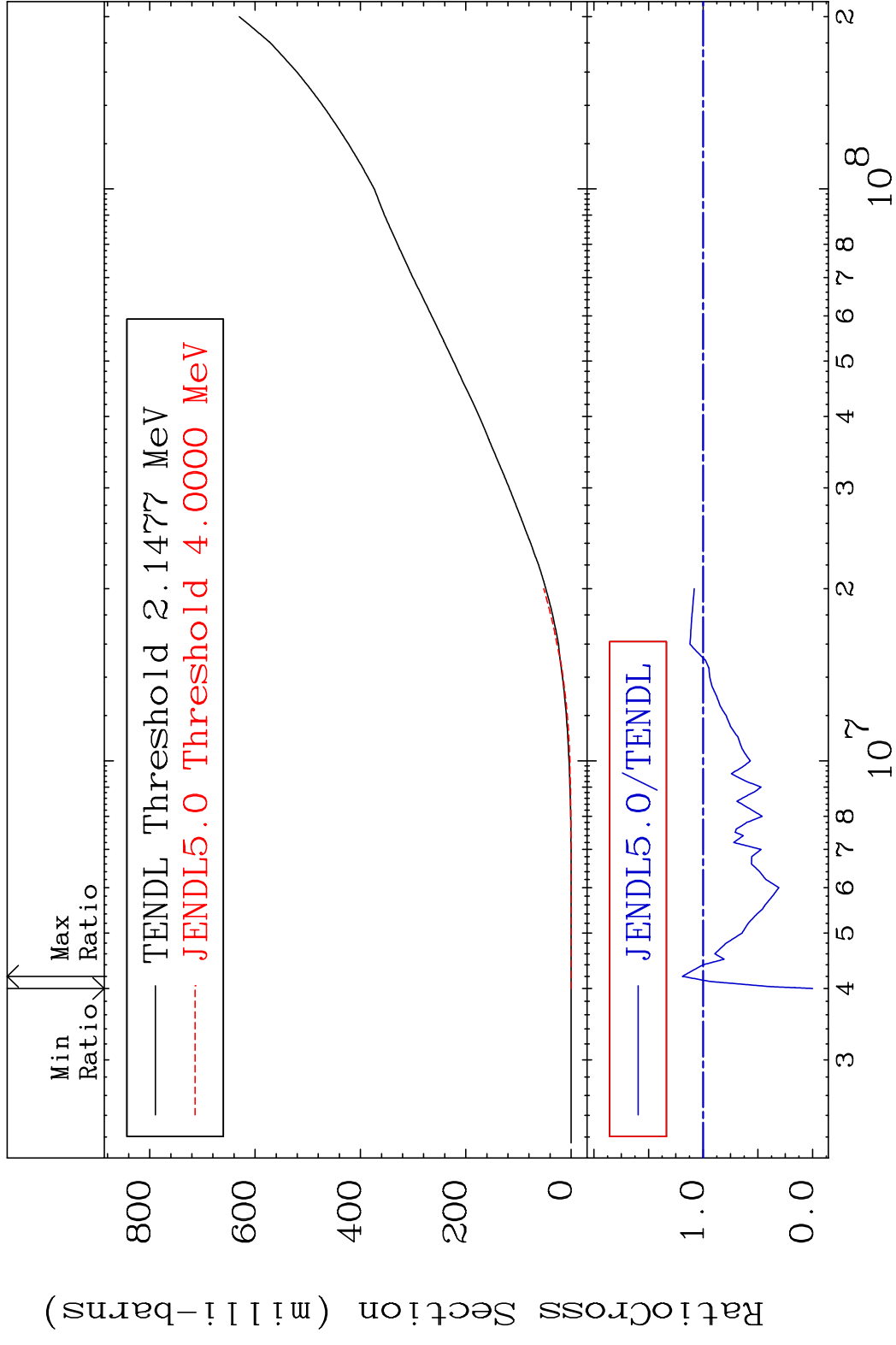
(n,  $\alpha$ )

36-Kr-85

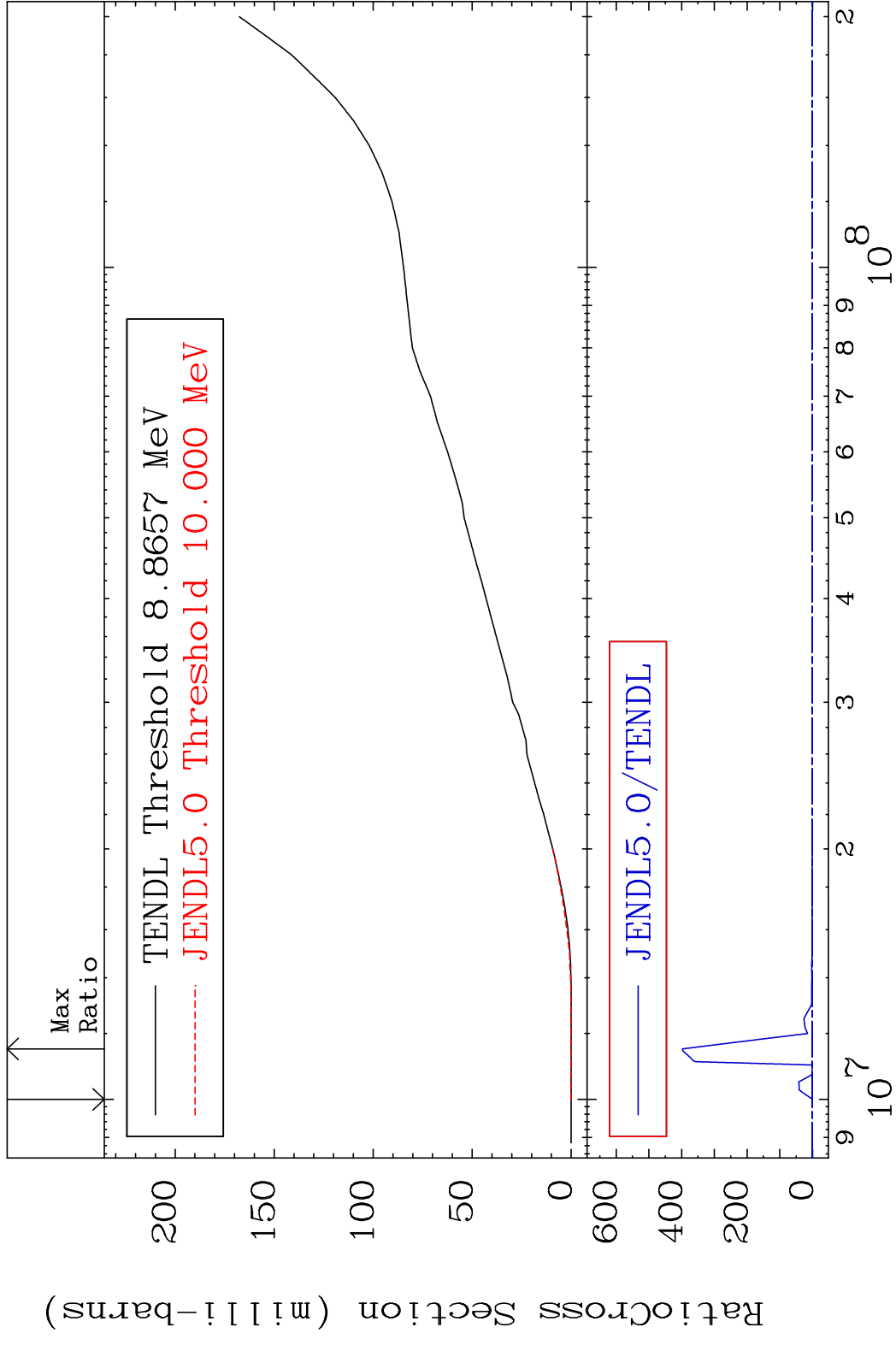
Cross Section -100.0 To 70.97 %



MAT 3646 Hydrogen Production 36-Kr-85  
 Cross Section -100.0 To 19.07 %



MAT 3646 Deuterium Production 36-Kr-85  
 Cross Section -100.0 To 9999. %

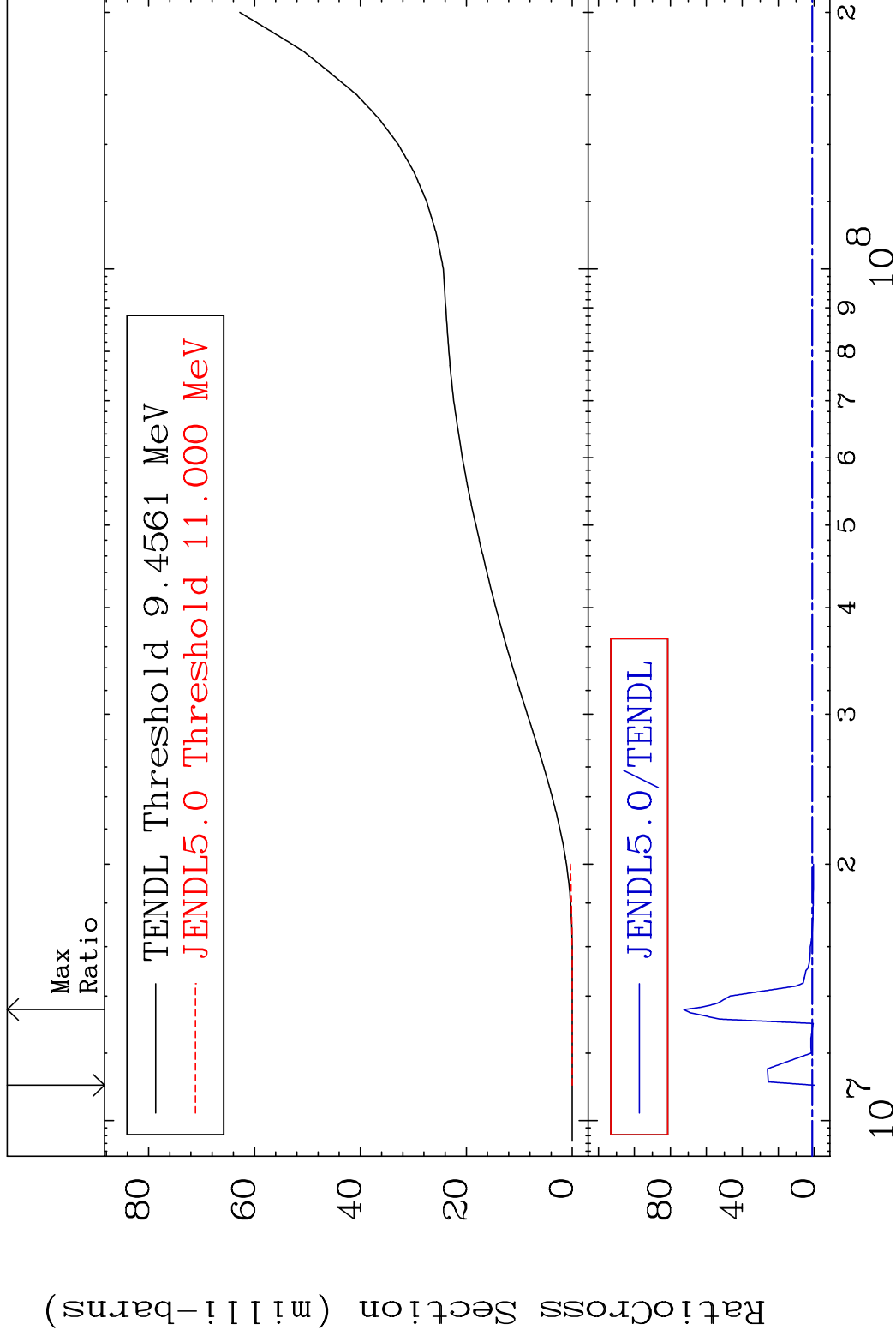


46 Incident Energy (eV) 36-Kr-85

MAT 3646

Tritium Production 36-Kr-85

Cross Section -100.0 To 7161. %



47

Incident Energy (eV)

36-Kr-85

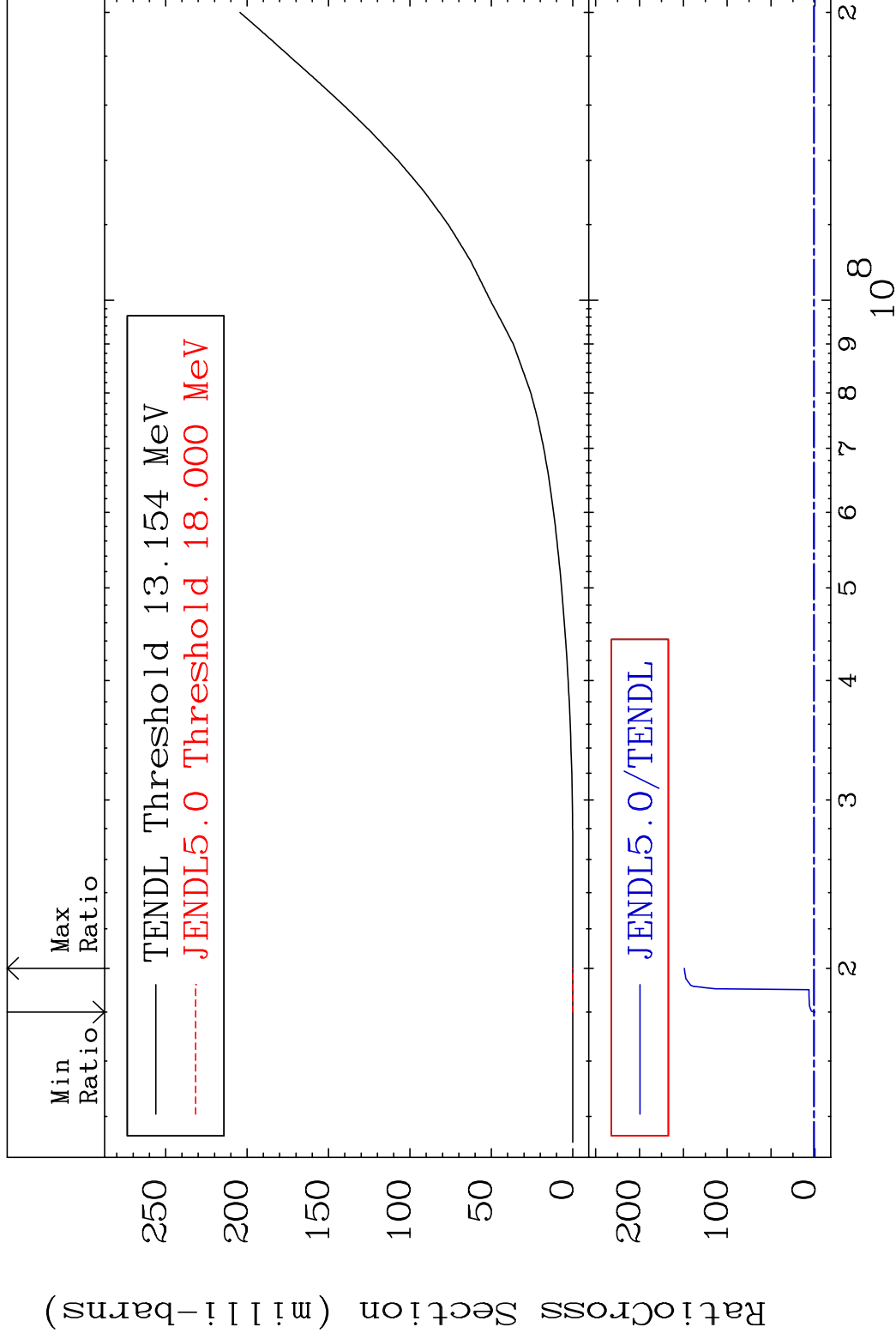


MAT 3646

He-3 Production

36-Kr-85

Cross Section -100.0 To 9999. %



48

Incident Energy (eV)

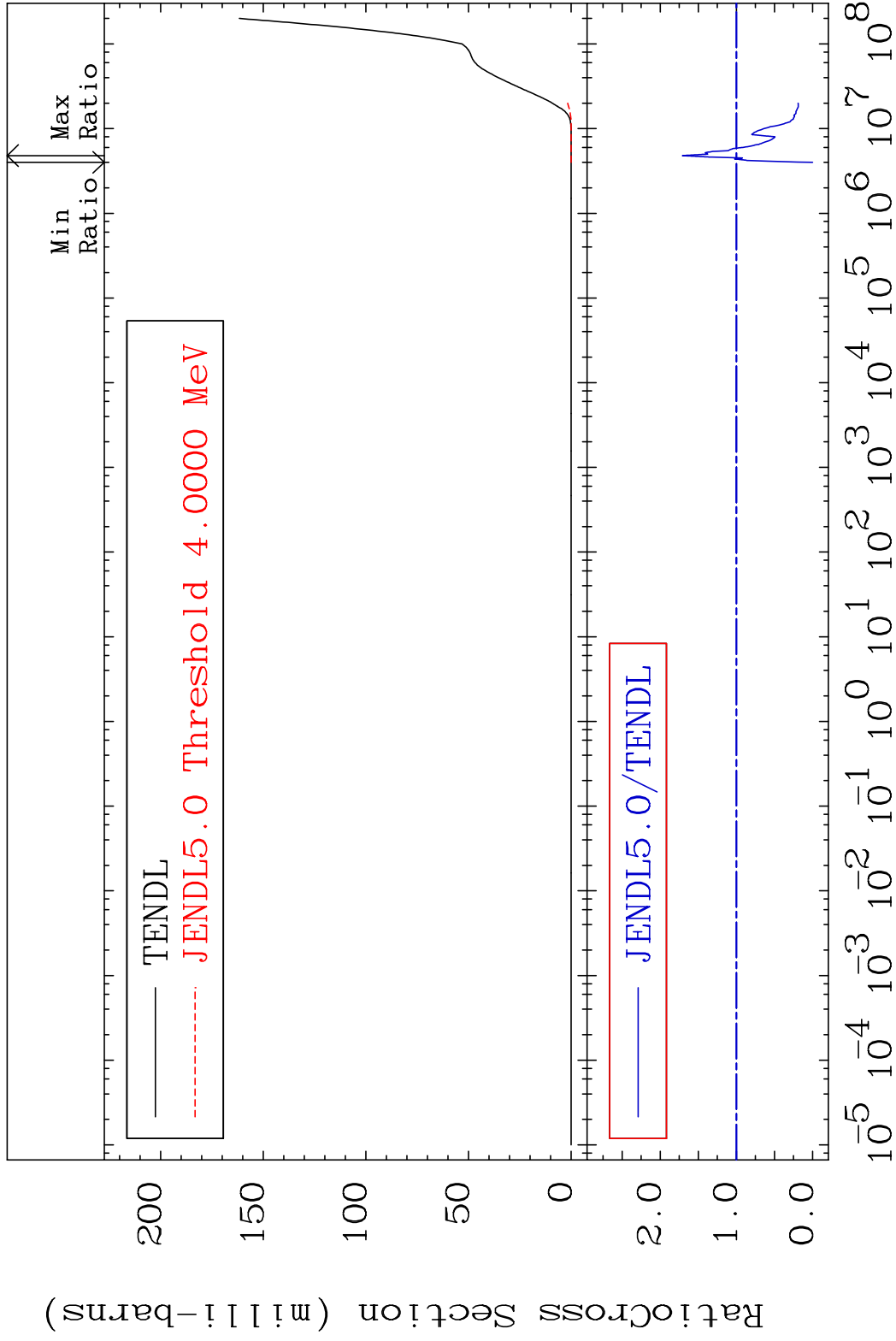
36-Kr-85

MAT 3646

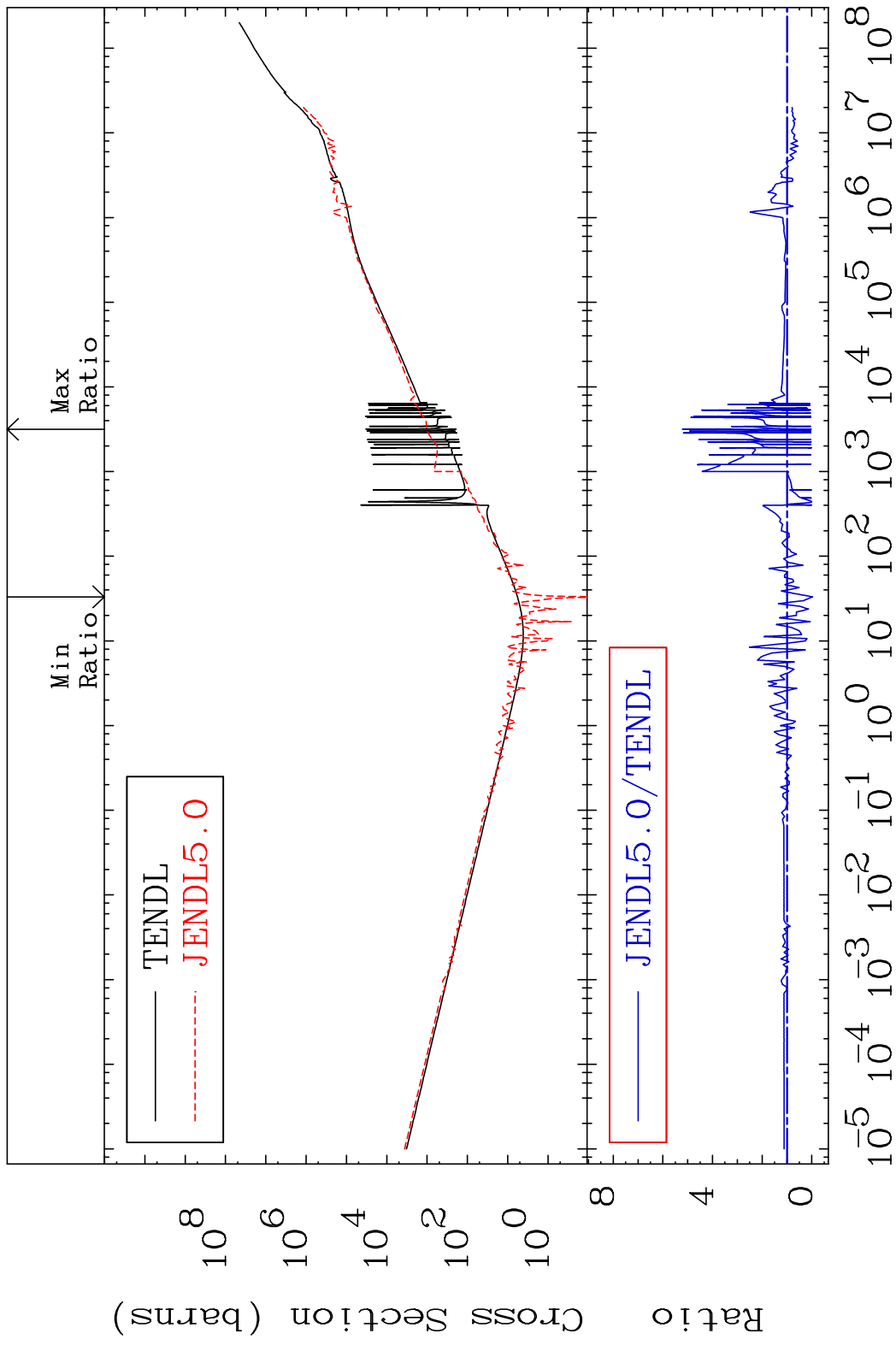
He-4 Production

36-Kr-85

Cross Section -100.0 To 70.97 %



MAT 3646 Kerma total (eV-barns) 36-Kr-85  
Cross Section -103.1 To 421.5 %



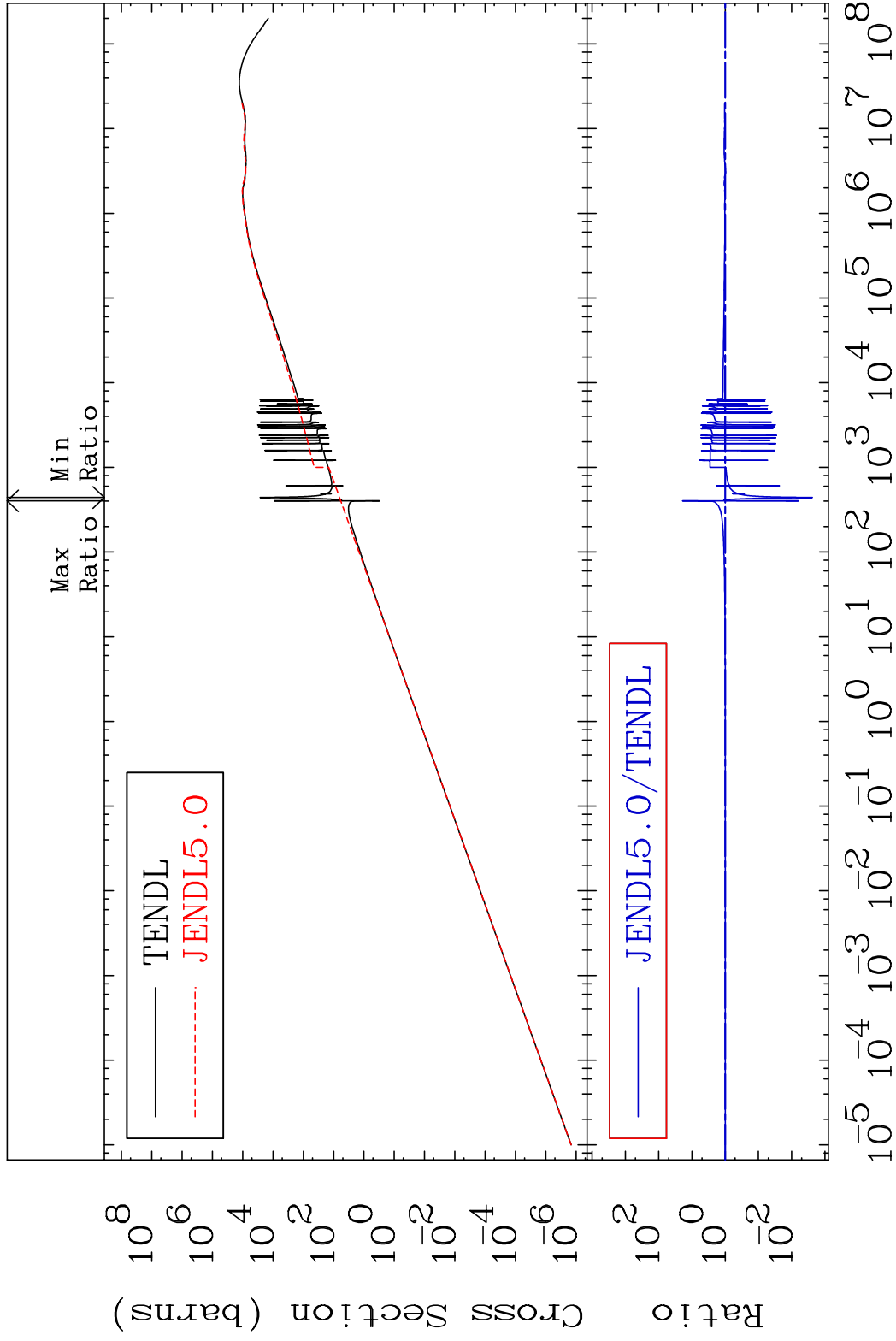
50 Incident Energy (eV) 36-Kr-85

MAT 3646

Kerma elastic

36-Kr-85

Cross Section -99.76 To 1833. %

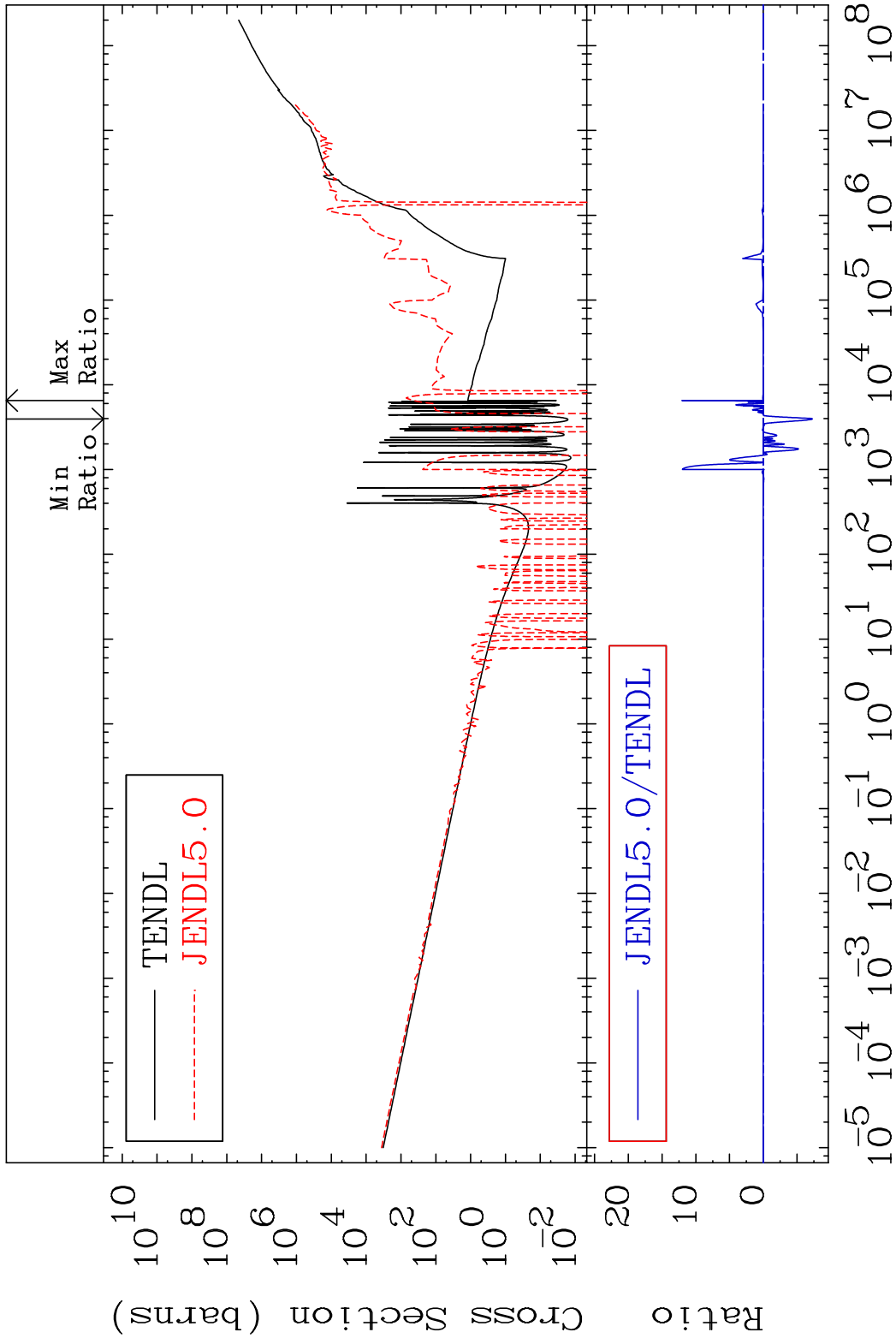


51

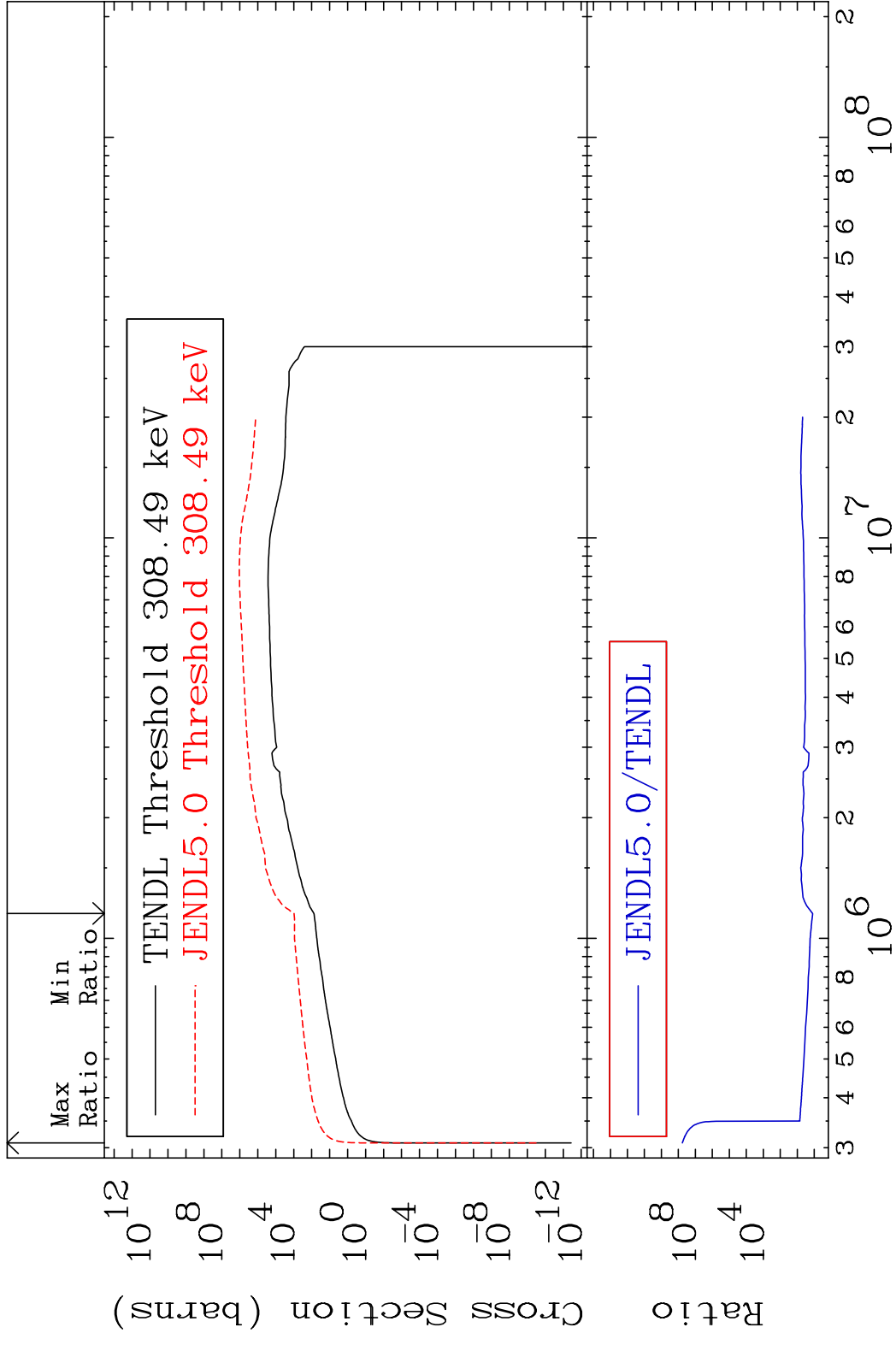
Incident Energy (eV)

36-Kr-85

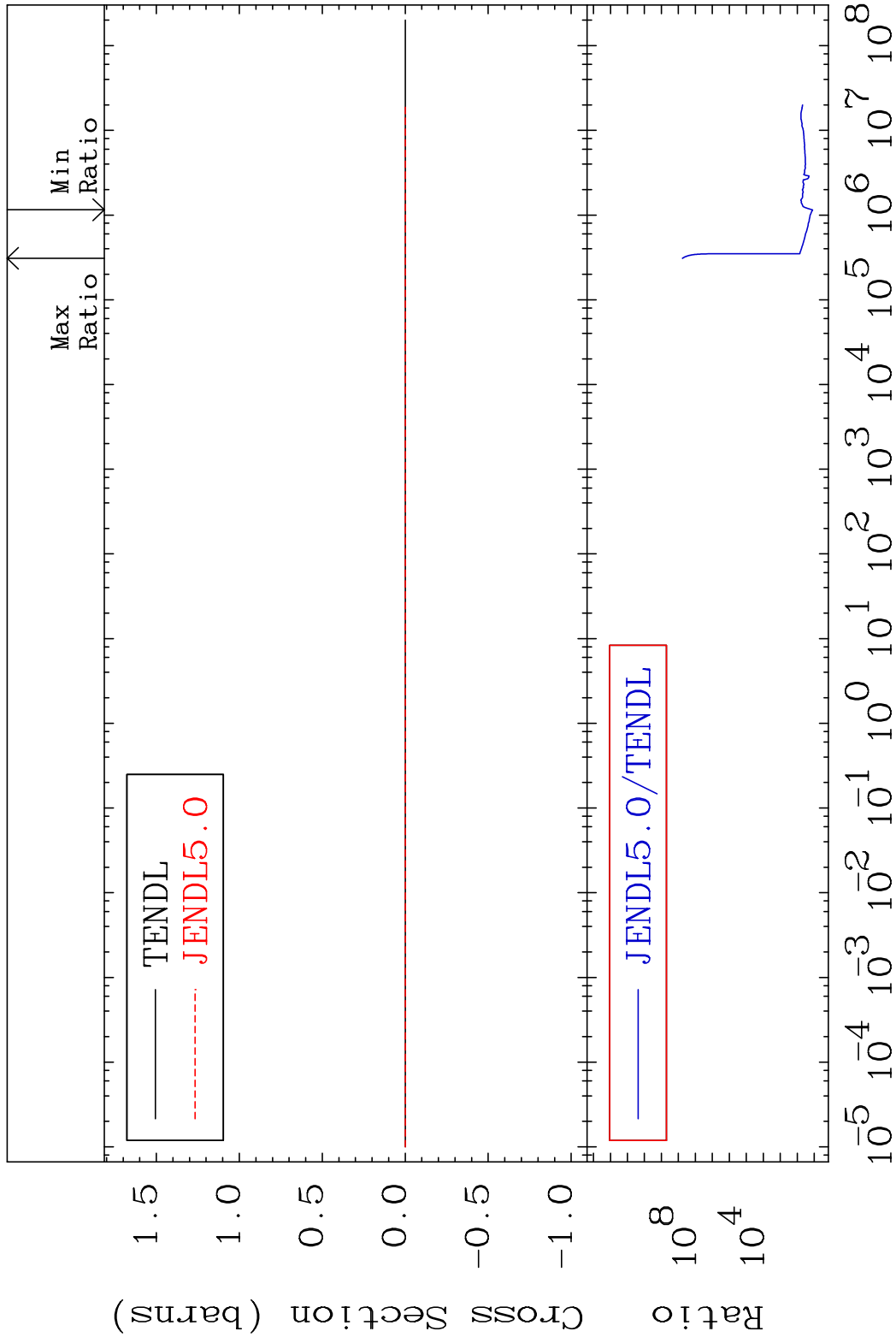
MAT 3646 Kerma non-elastic (all but mt2) 36-Kr-85  
 Cross Section -9999. To 9999. %



MAT 3646 Kerma inelastic (mt51-91) 36-Kr-85  
 Cross Section 1158. To 9999. %

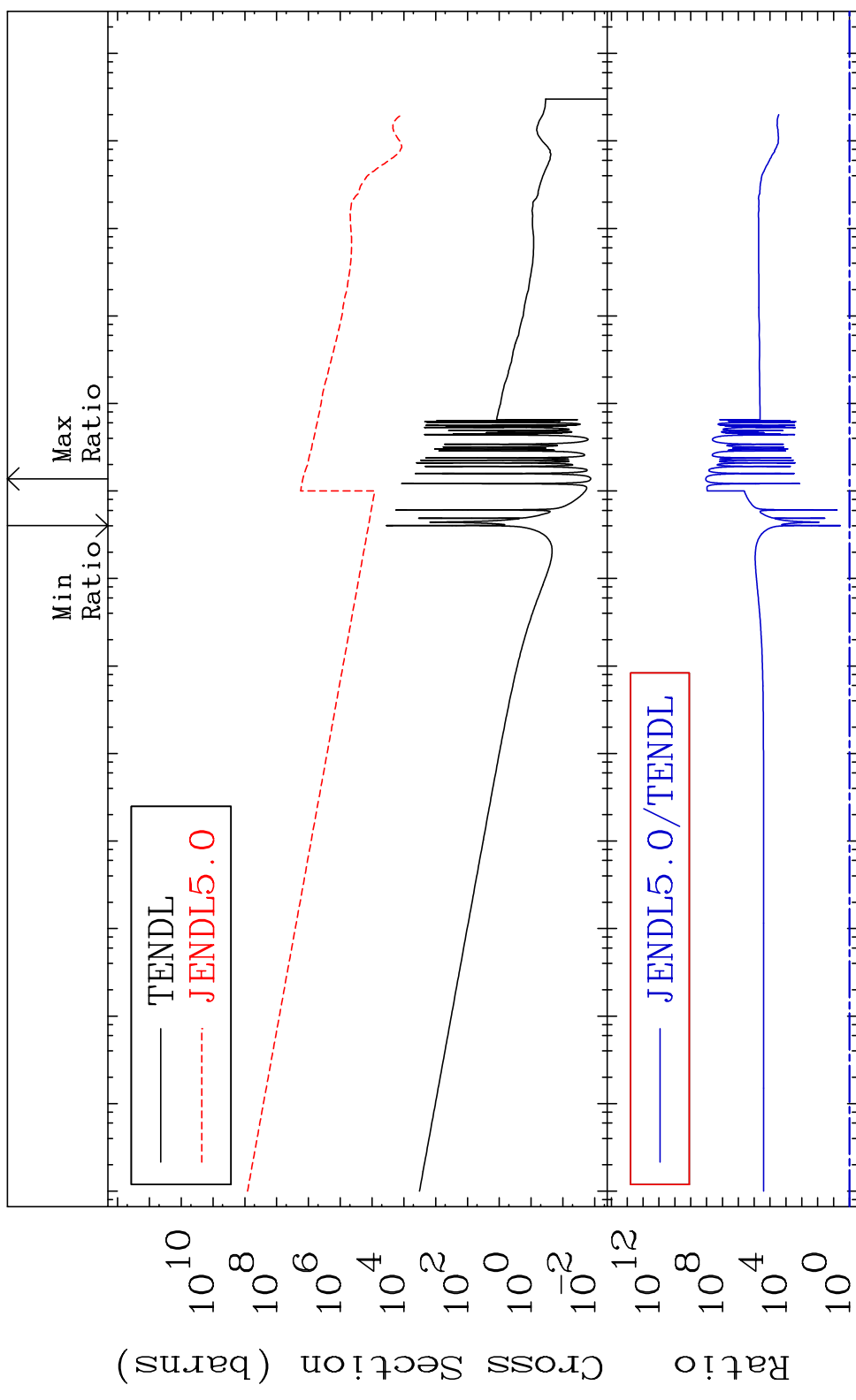


MAT 3646 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-85  
 Cross Section 1158. To 9999. %



MAT 3646

Kerma capture (mt102) 36-Kr-85  
Cross Section 268.6 To 9999. %



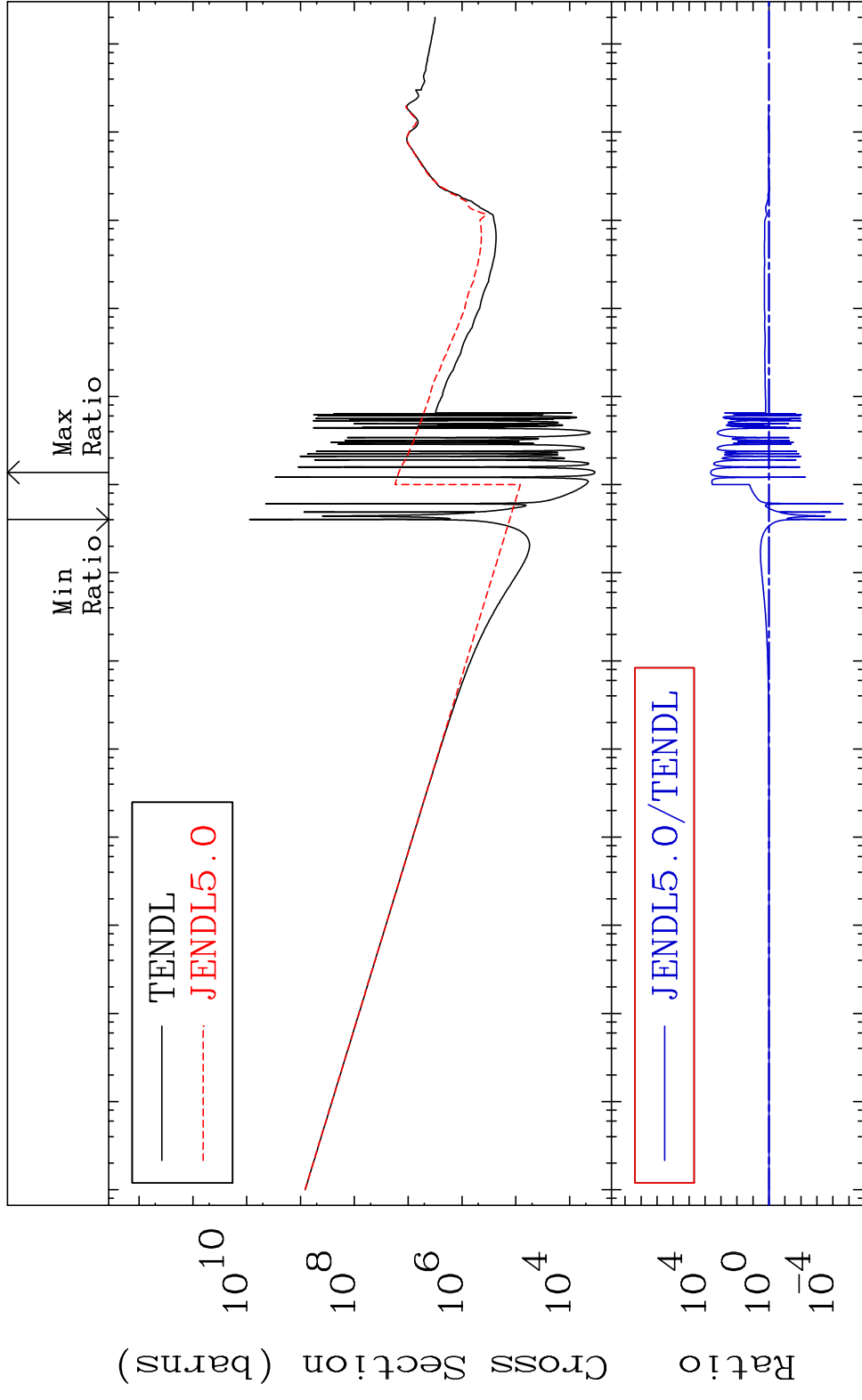
55

Incident Energy (eV)

36-Kr-85

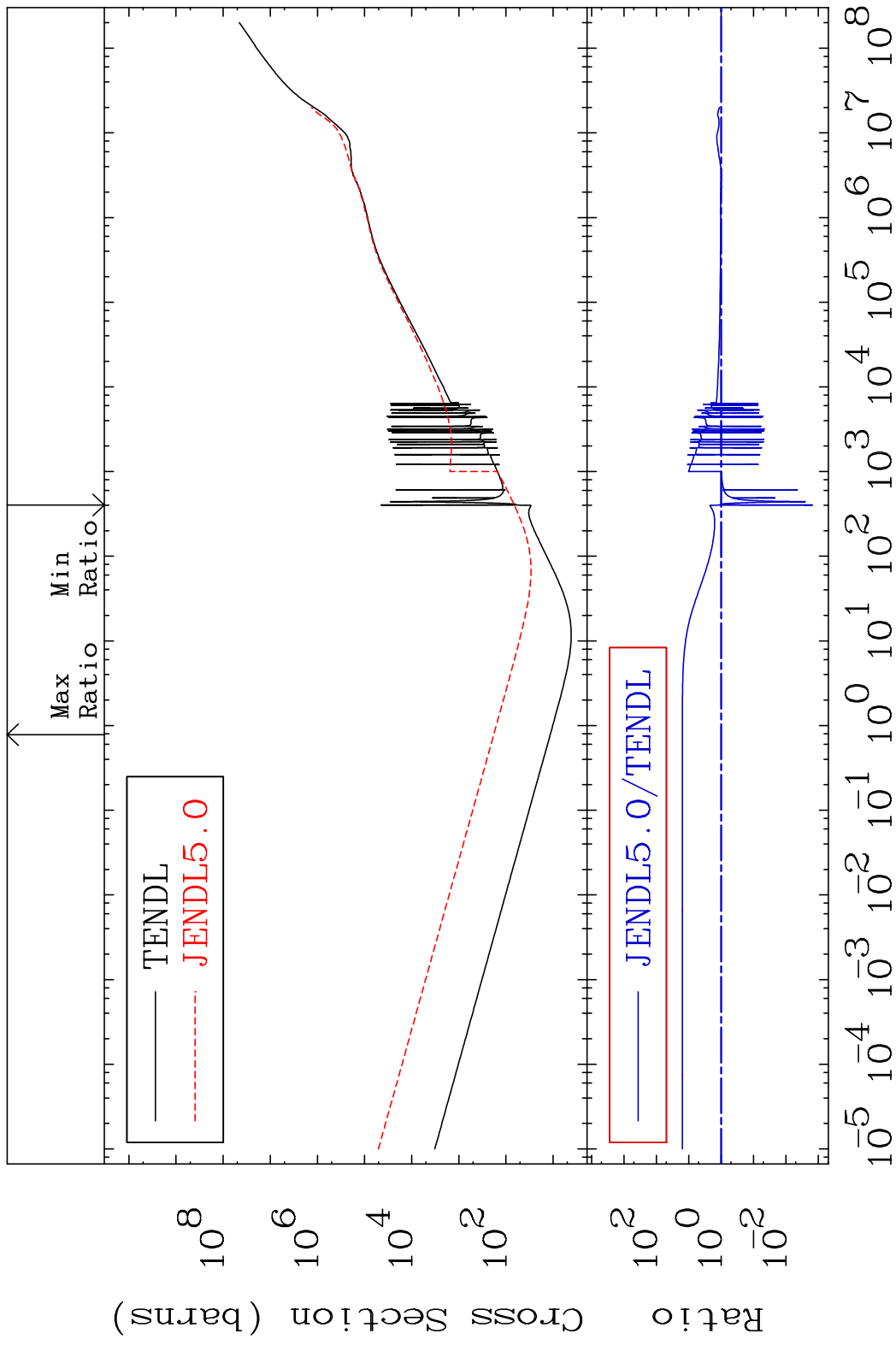


MAT 3646 Total photon (eV-barns) 36-Kr-85  
 Cross Section -100.0 To 9999. %

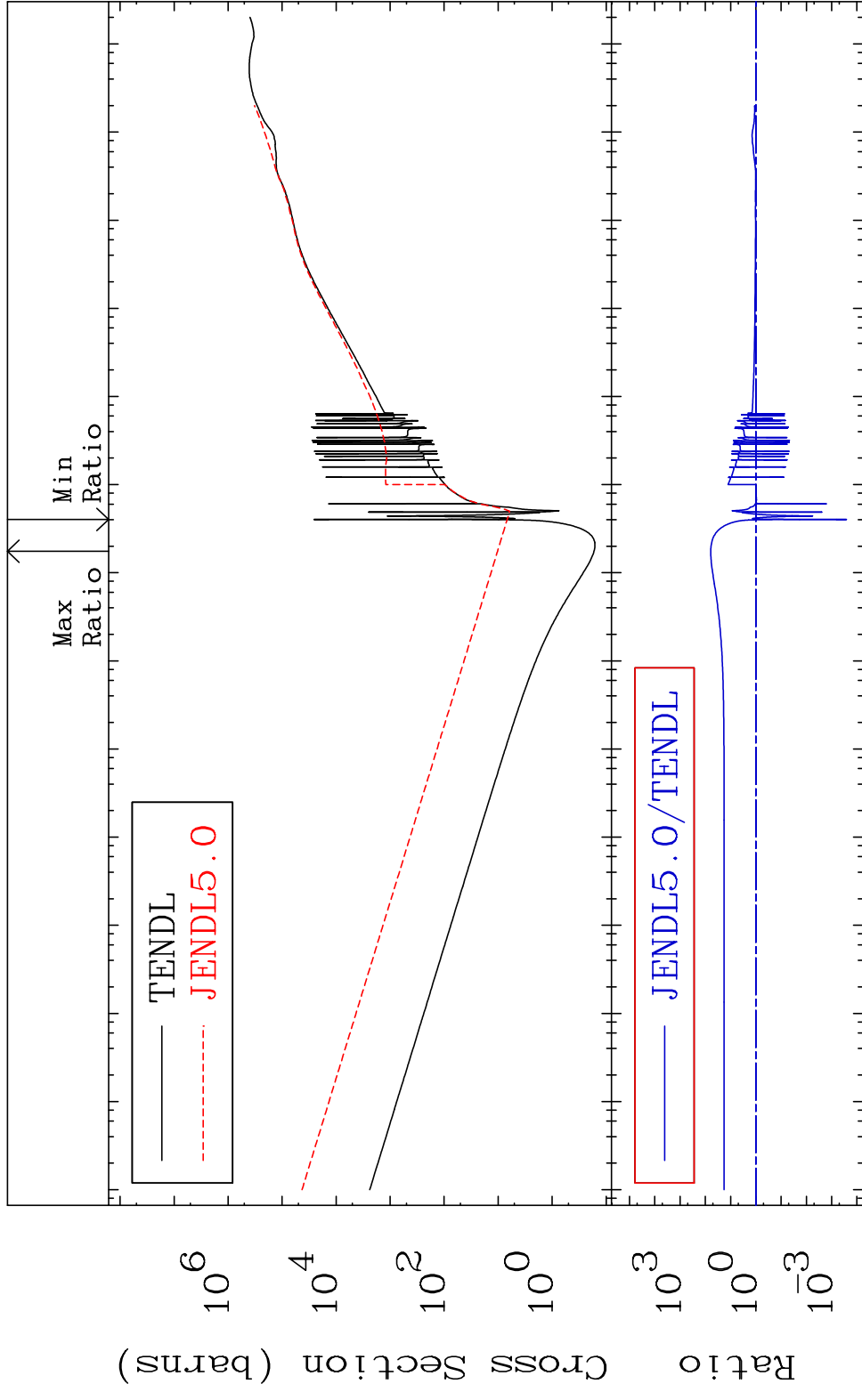


56 Incident Energy (eV) 36-Kr-85

MAT 3646 Total kinematic kerma (high limit) 36-Kr-85  
 Cross Section -99.85 To 1478. %



MAT 3646      Dpa total (eV-barns)      36-Kr-85  
 Cross Section      -99.97 To 6020. %

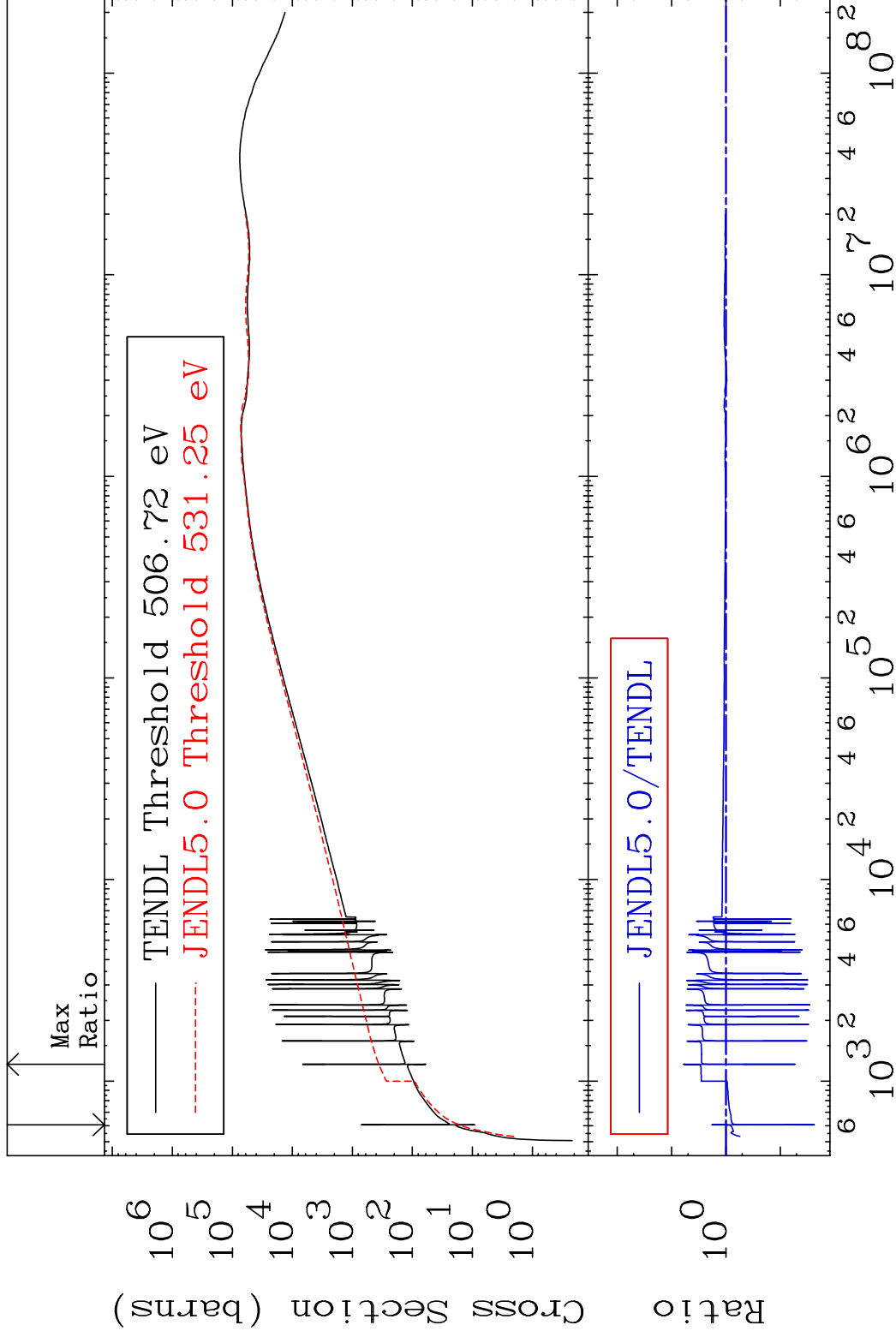


MAT 3646

Dpa elastic (mt2)

36-Kr-85

Cross Section -97.62 To 499.8 %

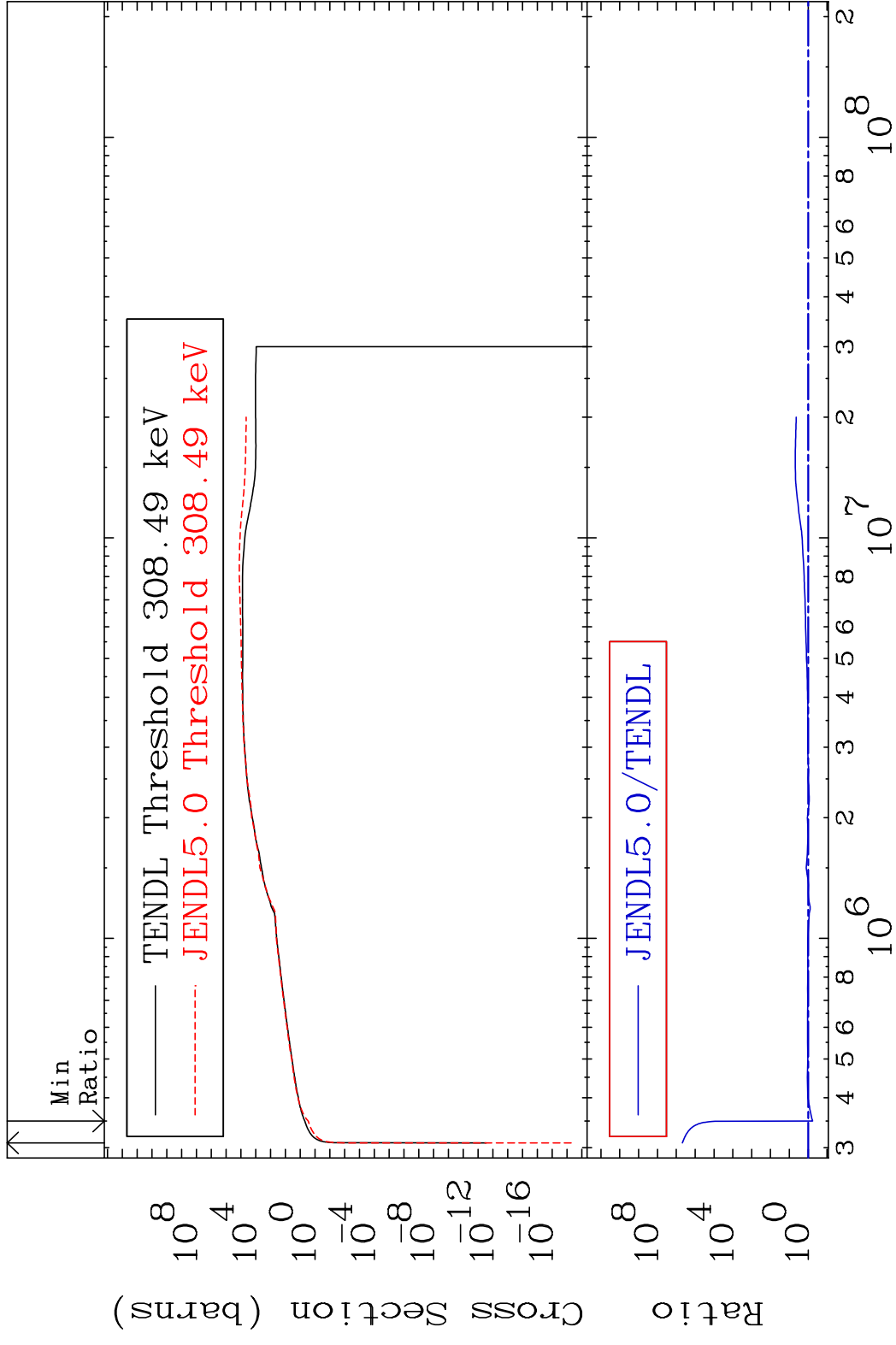


59

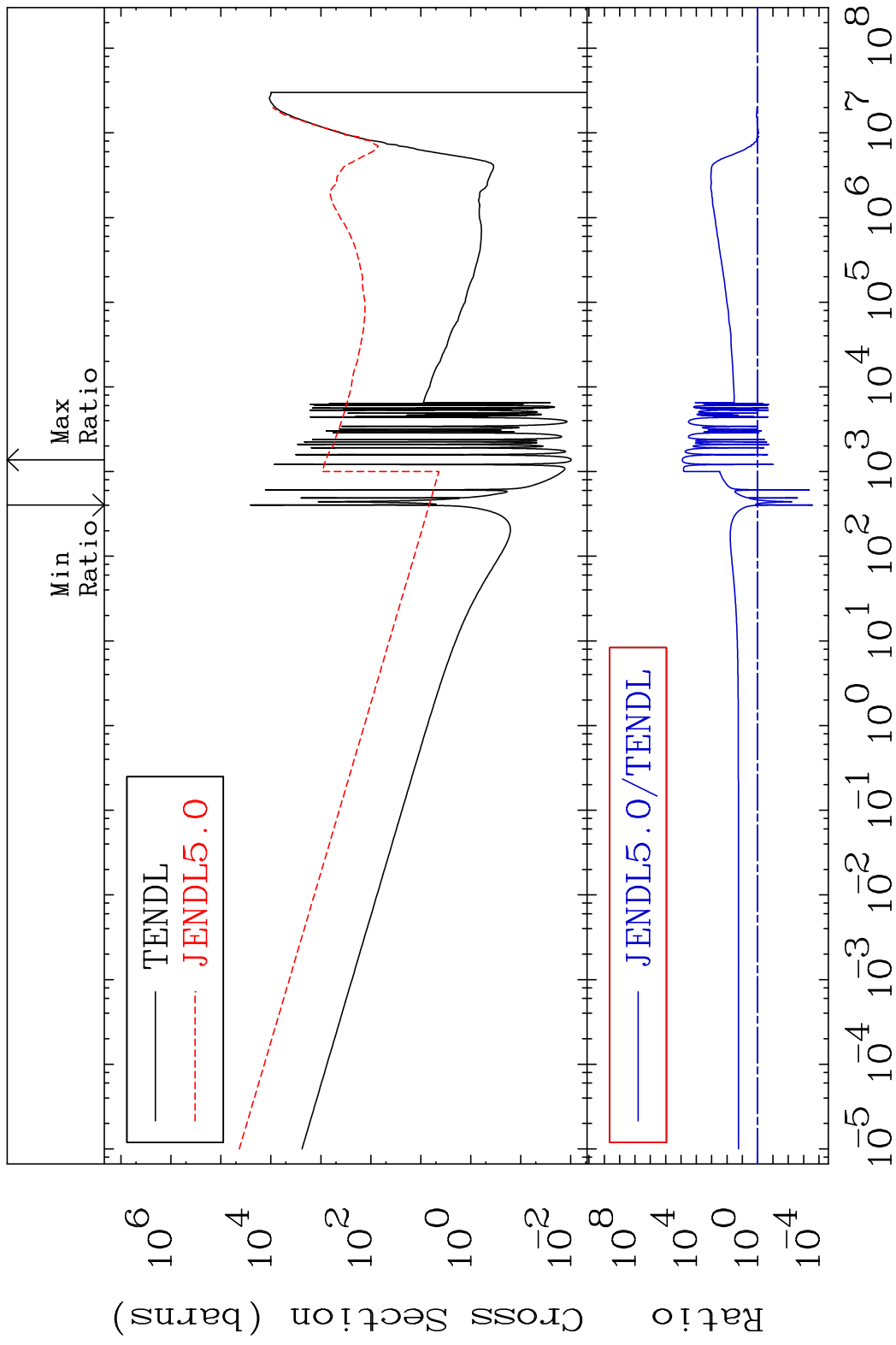
Incident Energy (eV)

36-Kr-85

MAT 3646      Dpa inelastic (mt51-91)      36-Kr-85  
 Cross Section      -41.38 To 9999. %



MAT 3646 Dpa disappearance (mt102 -120) 36-Kr-85  
 Cross Section -99.97 To 9999. %

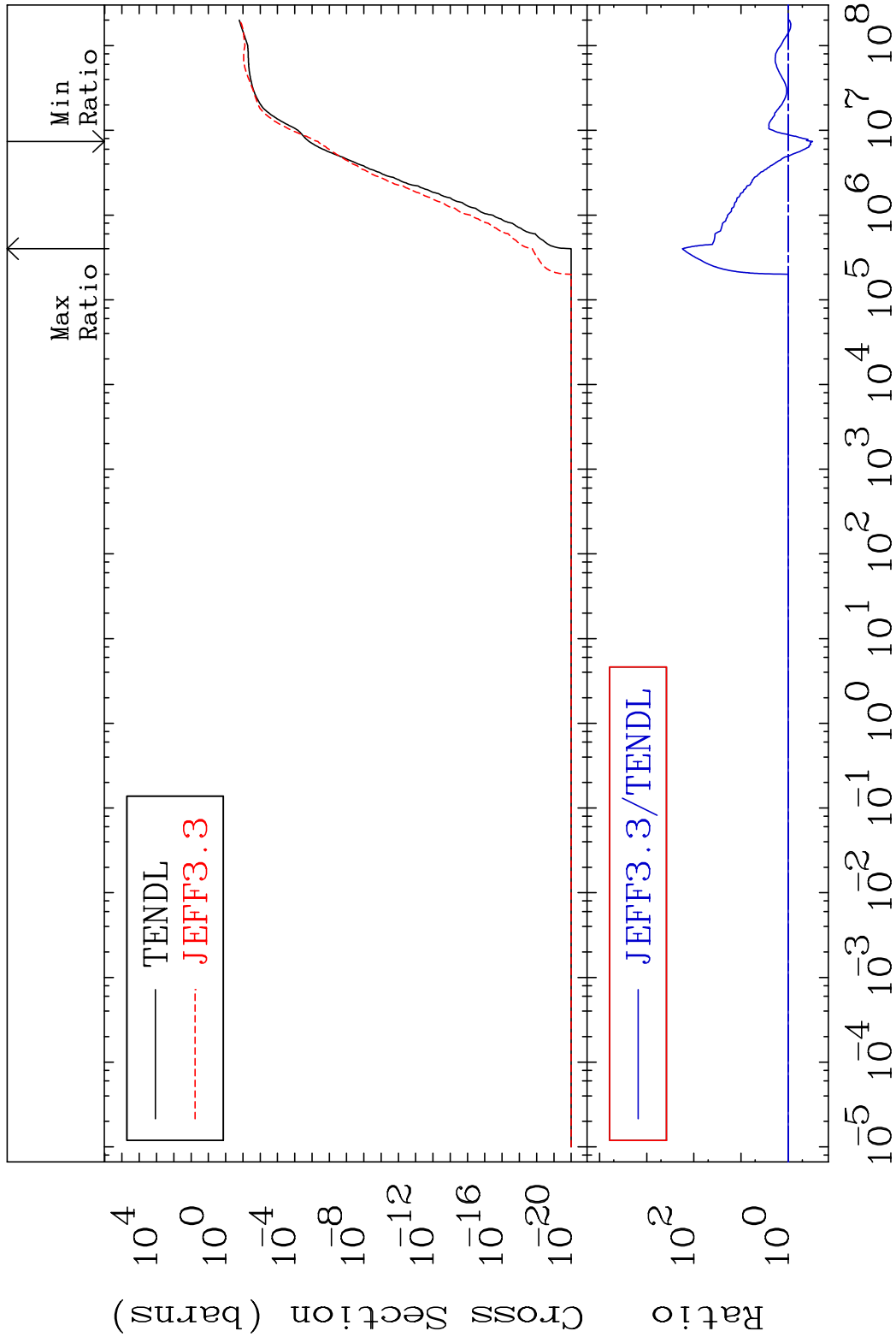


MAT 3646

He-4 Production

36-Kr-85

Cross Section -69.73 To 9999. %

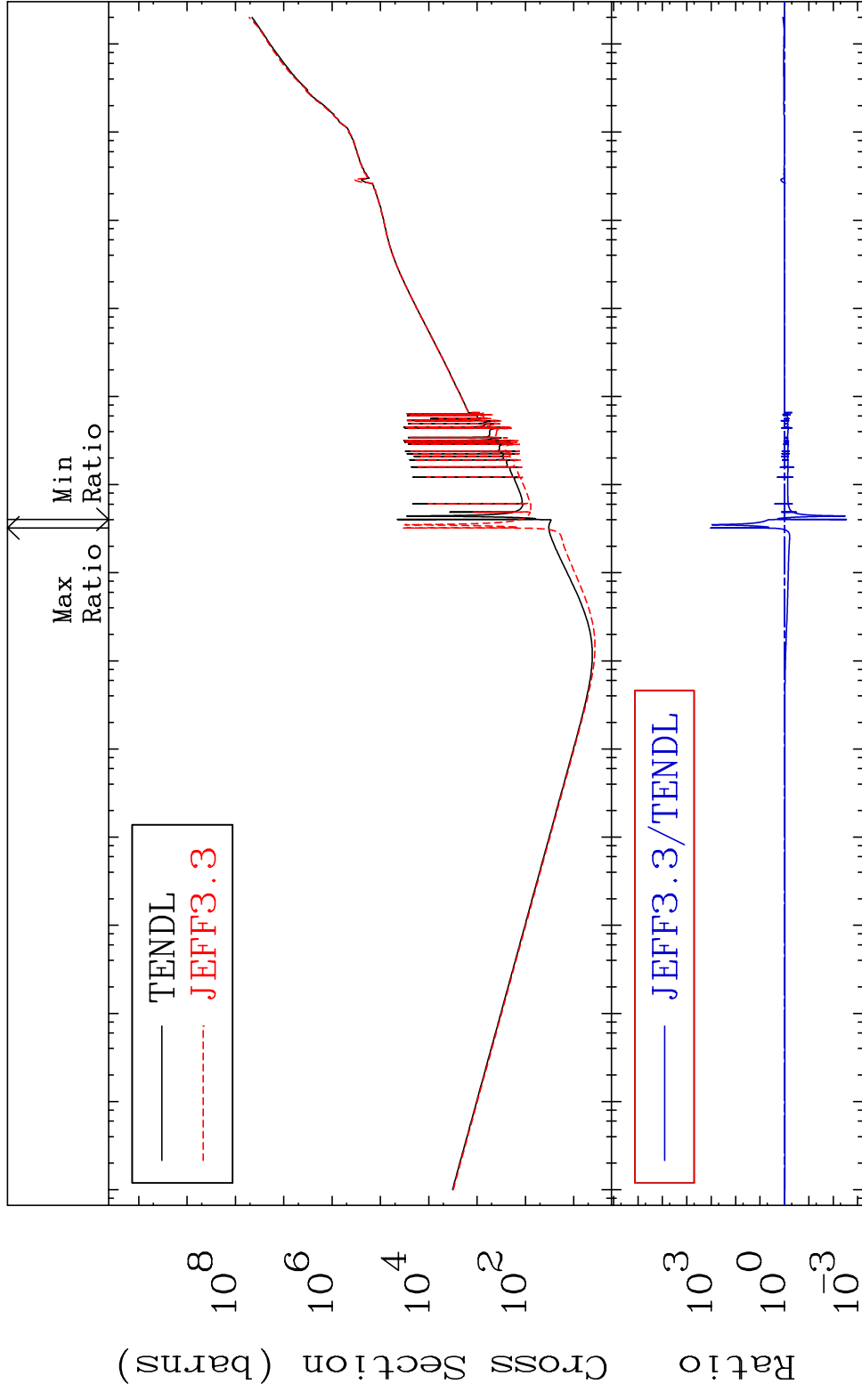


62

Incident Energy (eV)

36-Kr-85

MAT 3646 Kerma total (eV-barns) 36-Kr-85  
 Cross Section -99.71 To 9999. %



63 Incident Energy (eV) 36-Kr-85

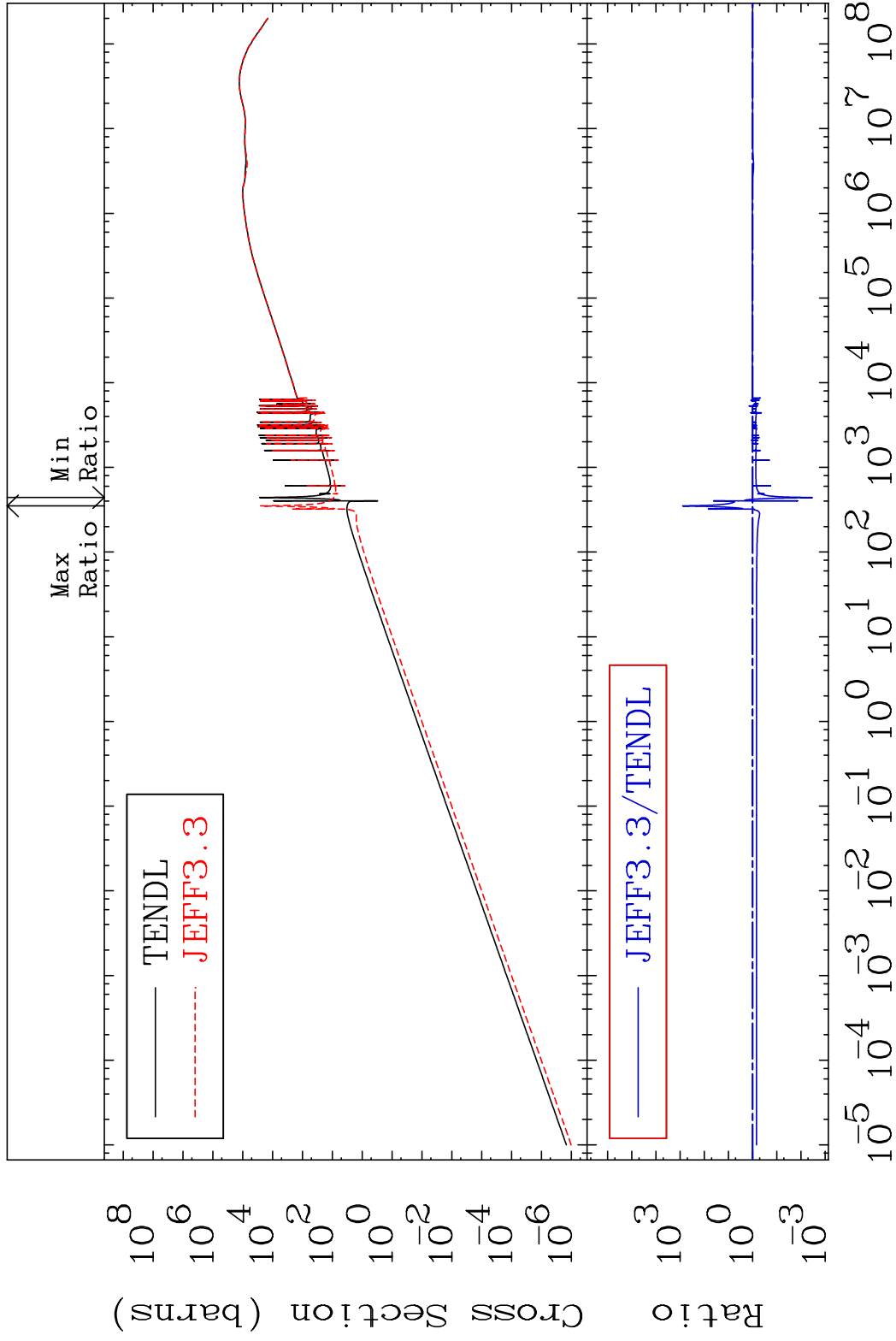


MAT 3646

Kerma elastic

36-Kr-85

Cross Section -99.67 To 9999. %

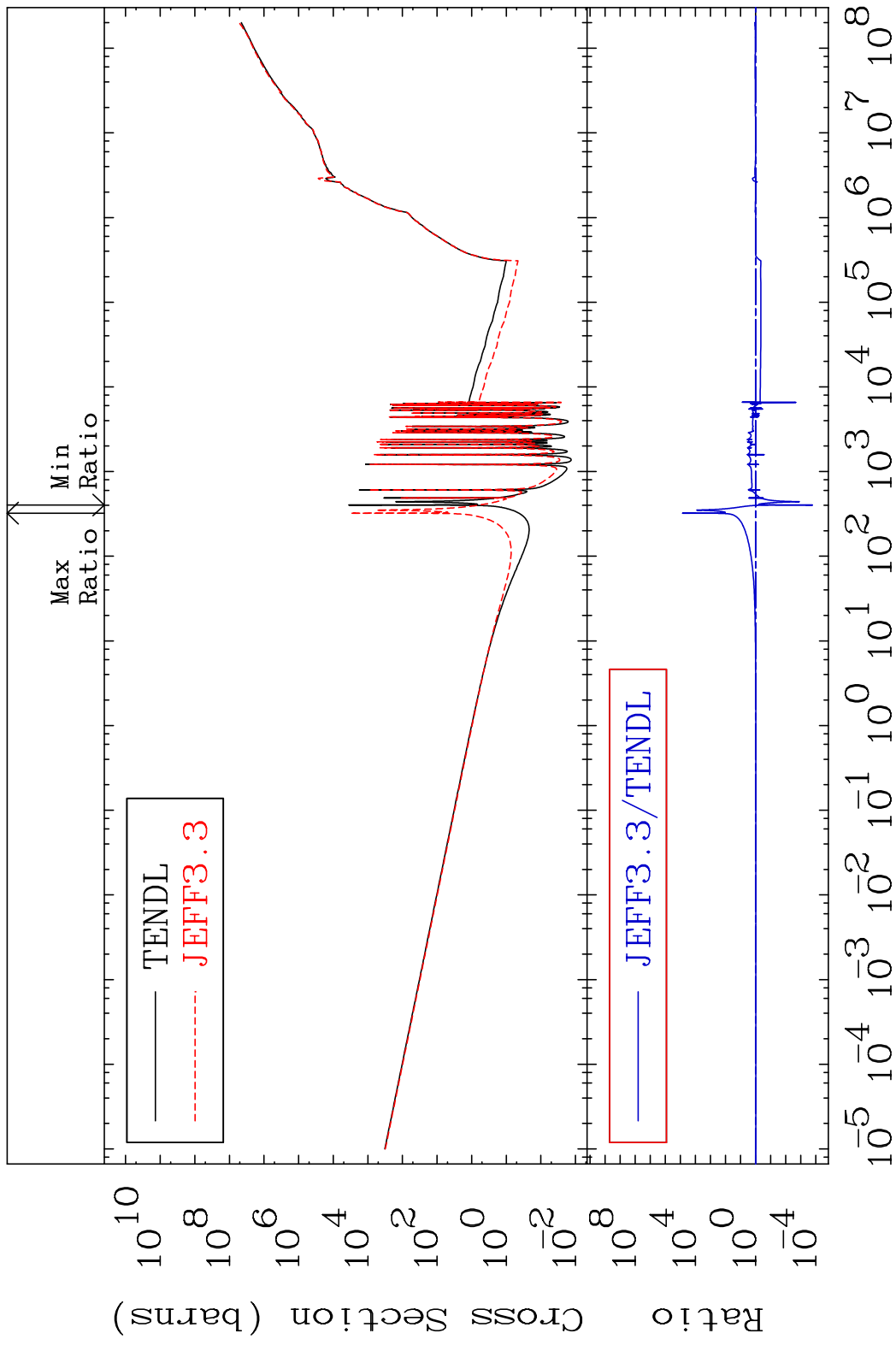


64

Incident Energy (eV)

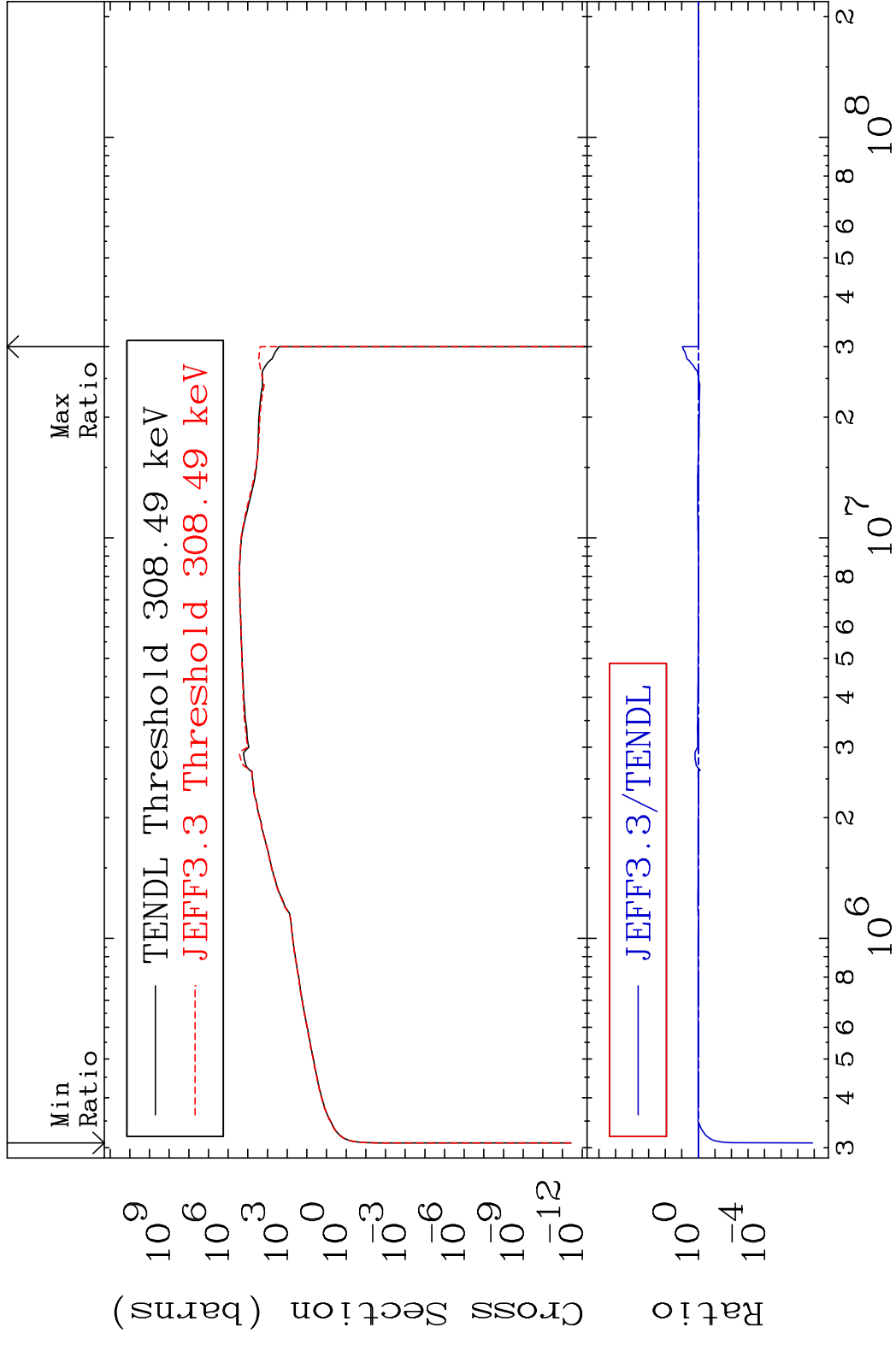
36-Kr-85

MAT 3646 Kerma non-elastic (all but mt2) 36-Kr-85  
 Cross Section -99.98 To 9999. %

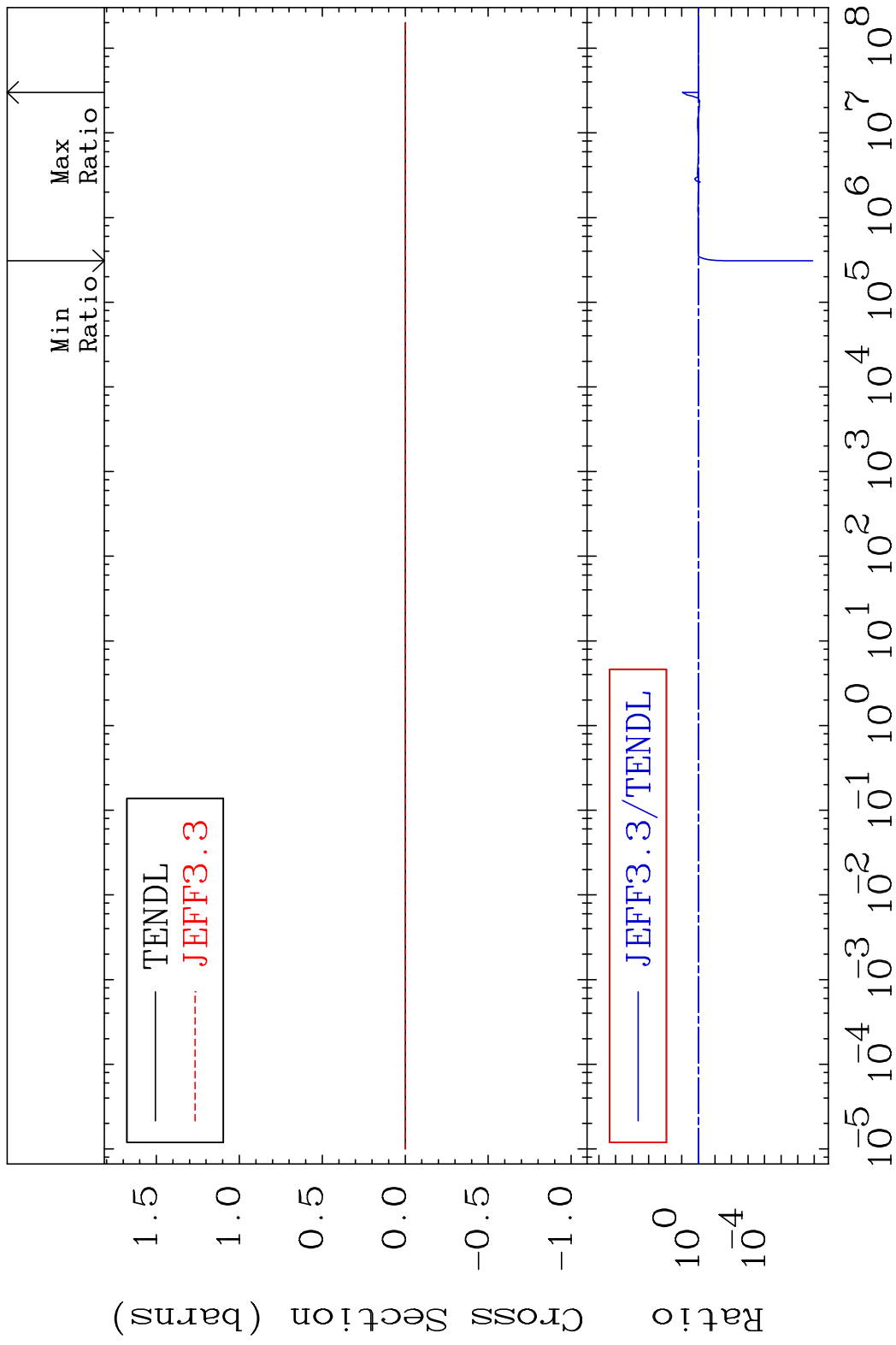


65 Incident Energy (eV) 36-Kr-85

MAT 3646 Kerma inelastic (mt51-91) 36-Kr-85  
 Cross Section -100.0 To 824.4 %

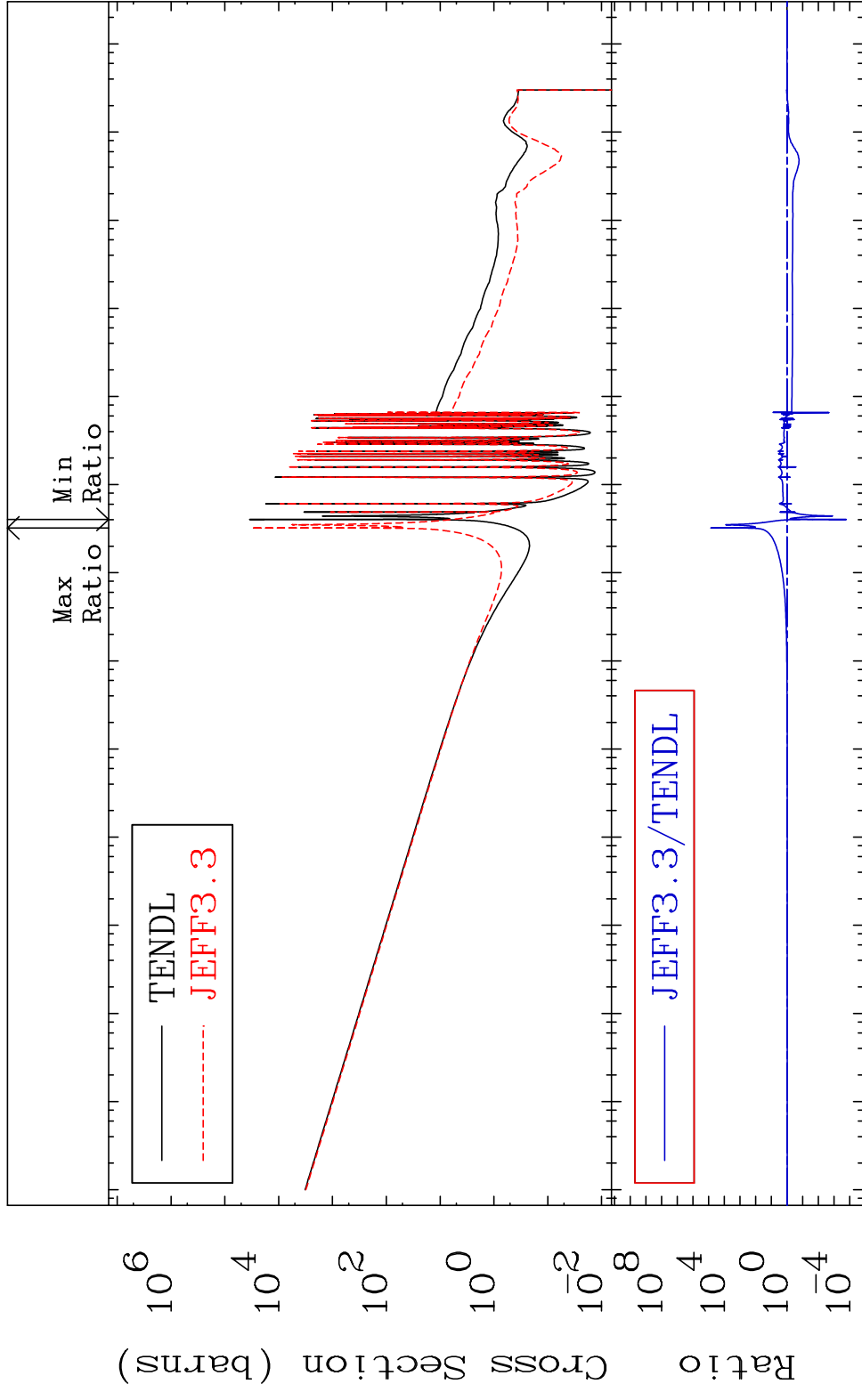


MAT 3646 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-85  
 Cross Section -100.0 To 824.4 %



MAT 3646

Kerma capture (mt102) 36-Kr-85  
Cross Section -99.98 To 9999. %

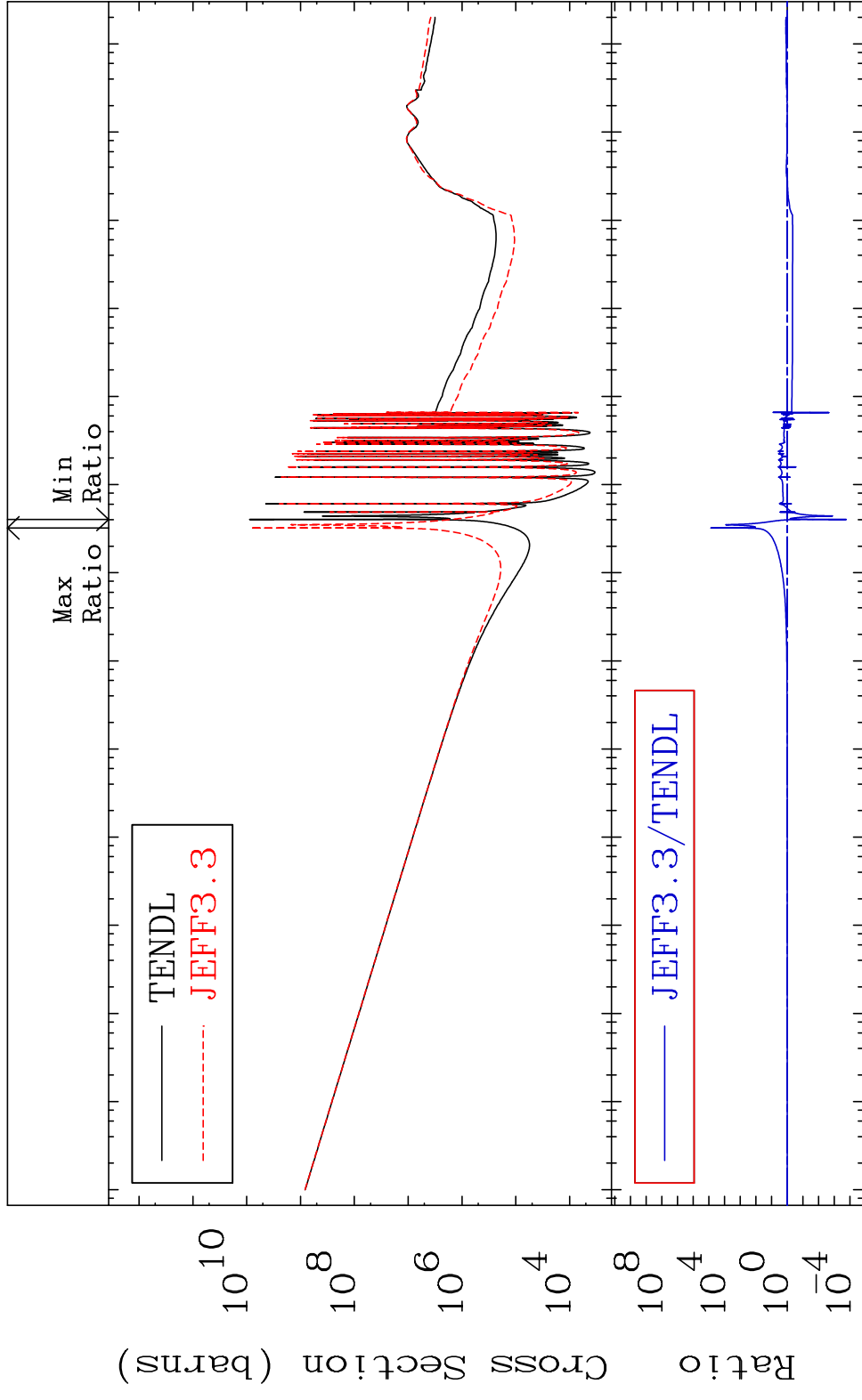


68

Incident Energy (eV)

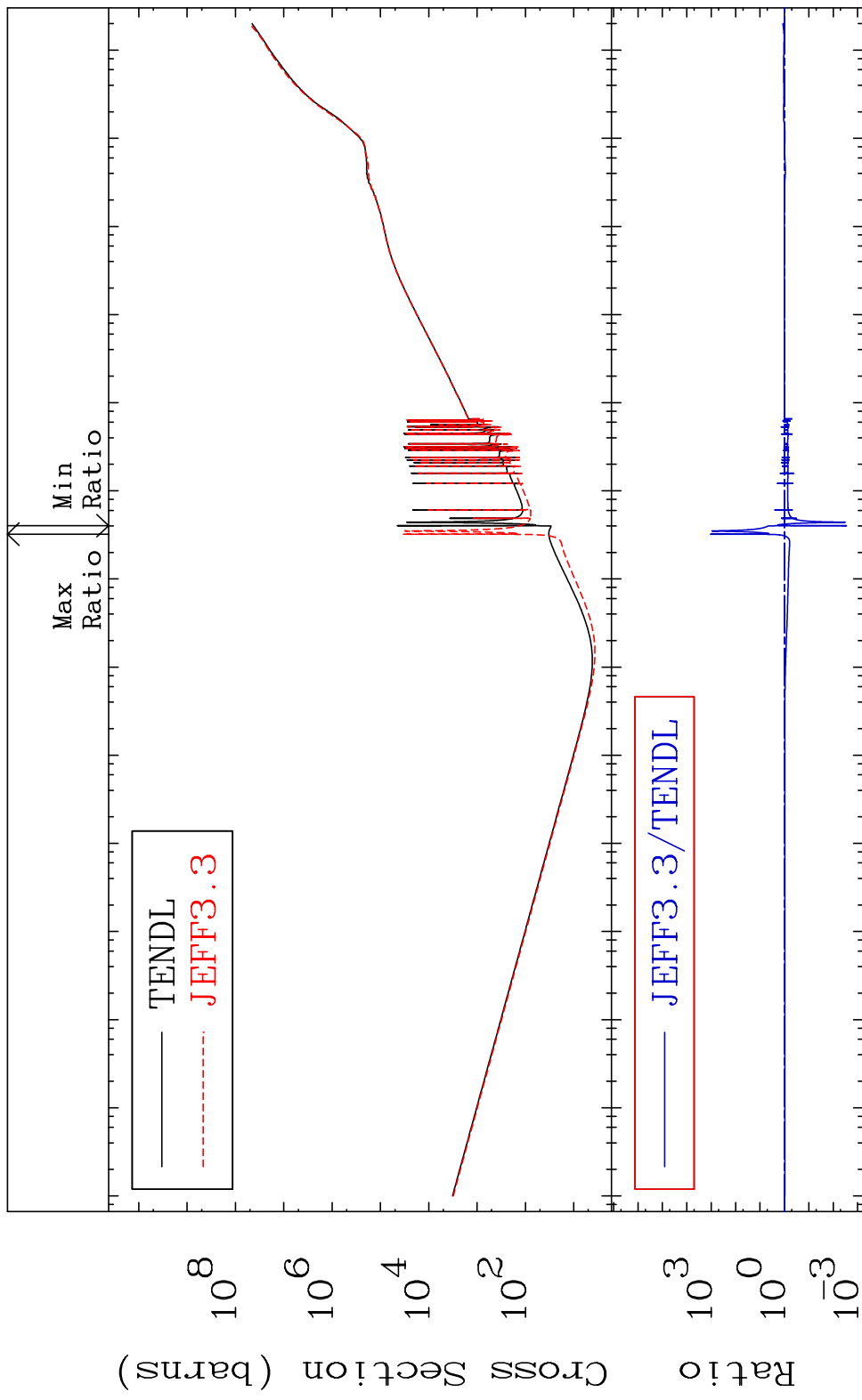
36-Kr-85

MAT 3646 Total photon (eV-barns) 36-Kr-85  
 Cross Section -99.98 To 9999. %



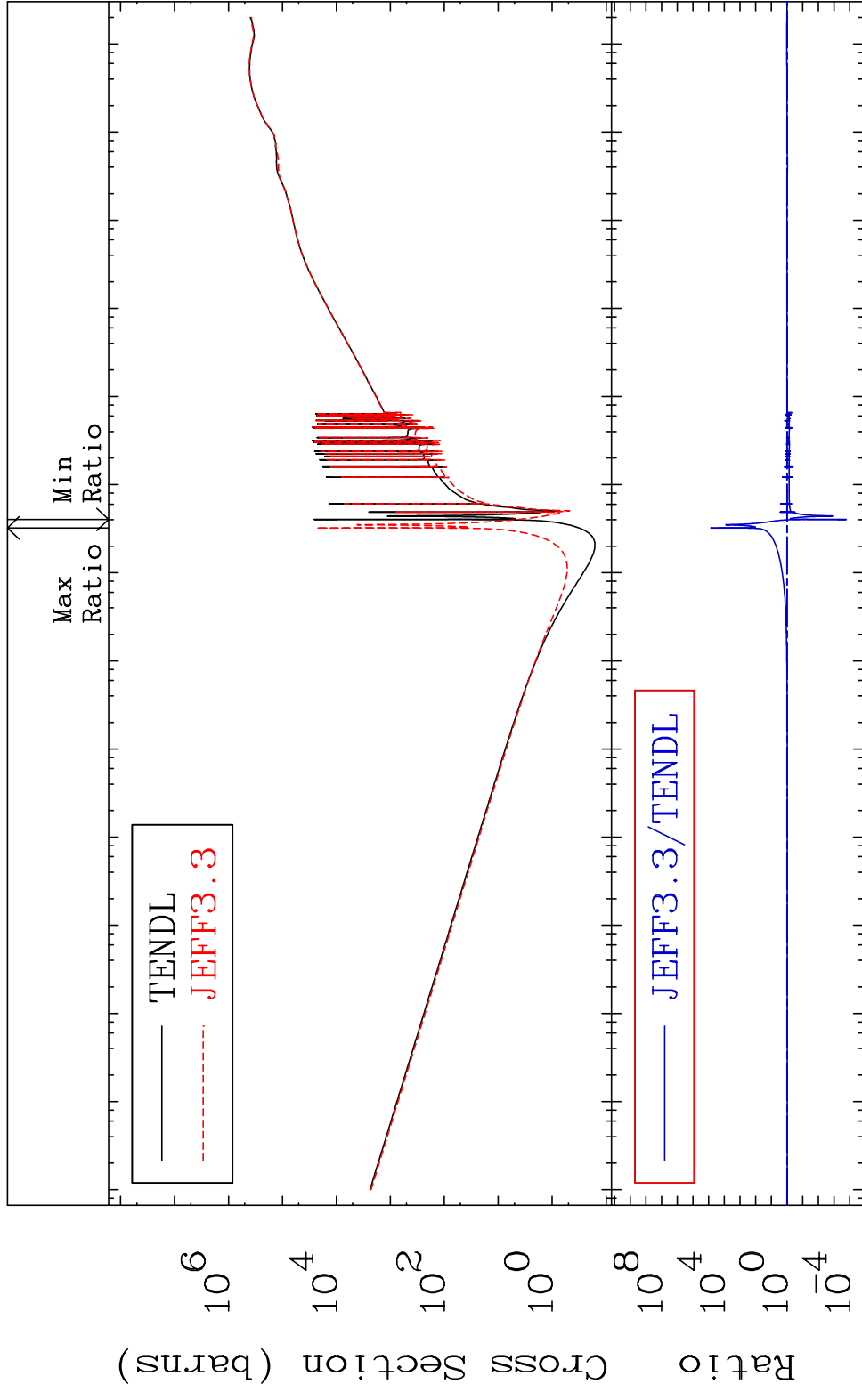
69 Incident Energy (eV) 36-Kr-85

MAT 3646 Total kinematic kerma (high limit) 36-Kr-85  
 Cross Section -99.71 To 9999. %



70 Incident Energy (eV) 36-Kr-85

MAT 3646      Dpa total (eV-barns)      36-Kr-85  
 Cross Section      -99.98 To 9999. %



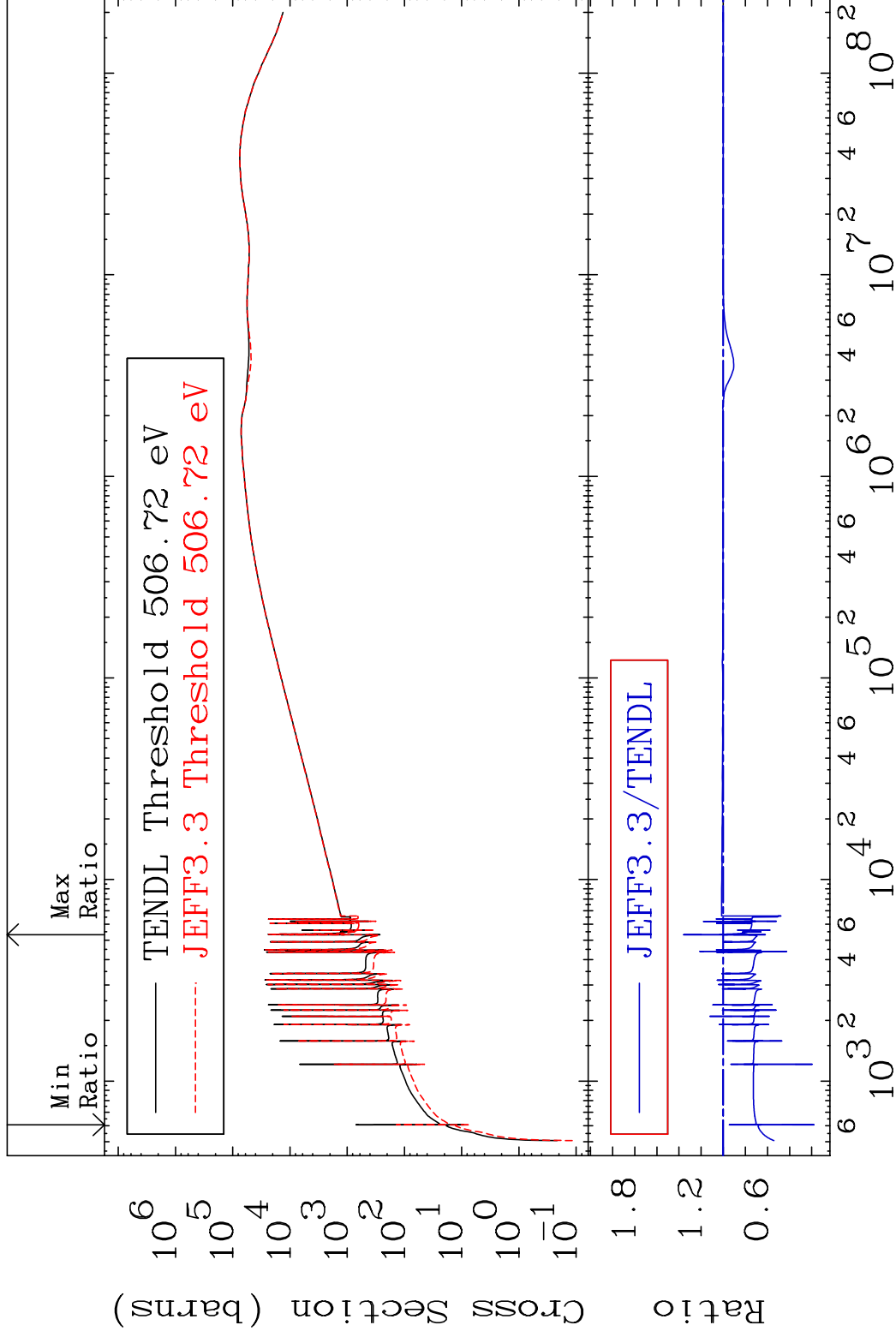


MAT 3646

Dpa elastic (mt2)

36-Kr-85

Cross Section -82.16 To 35.79 %

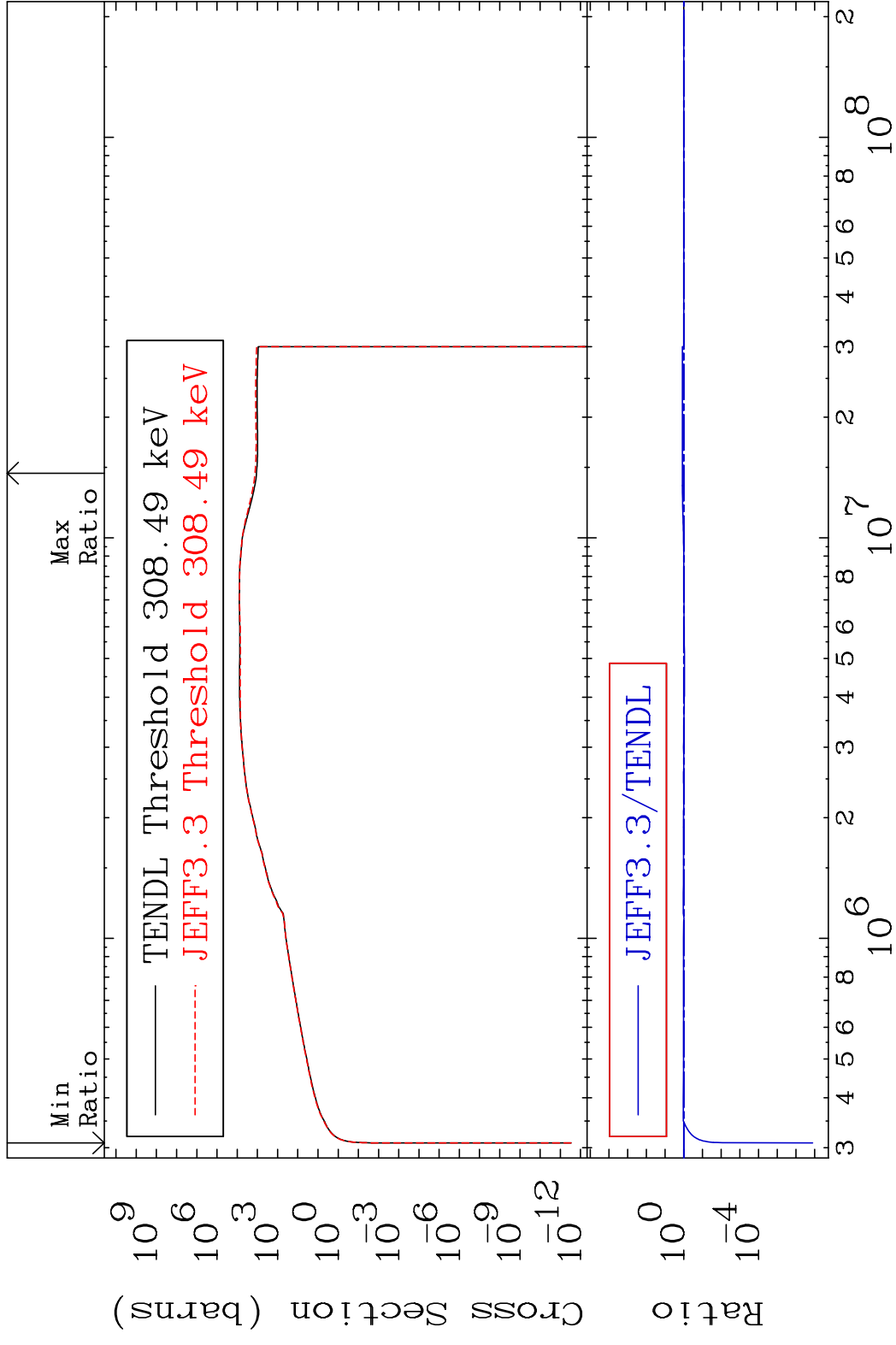


72

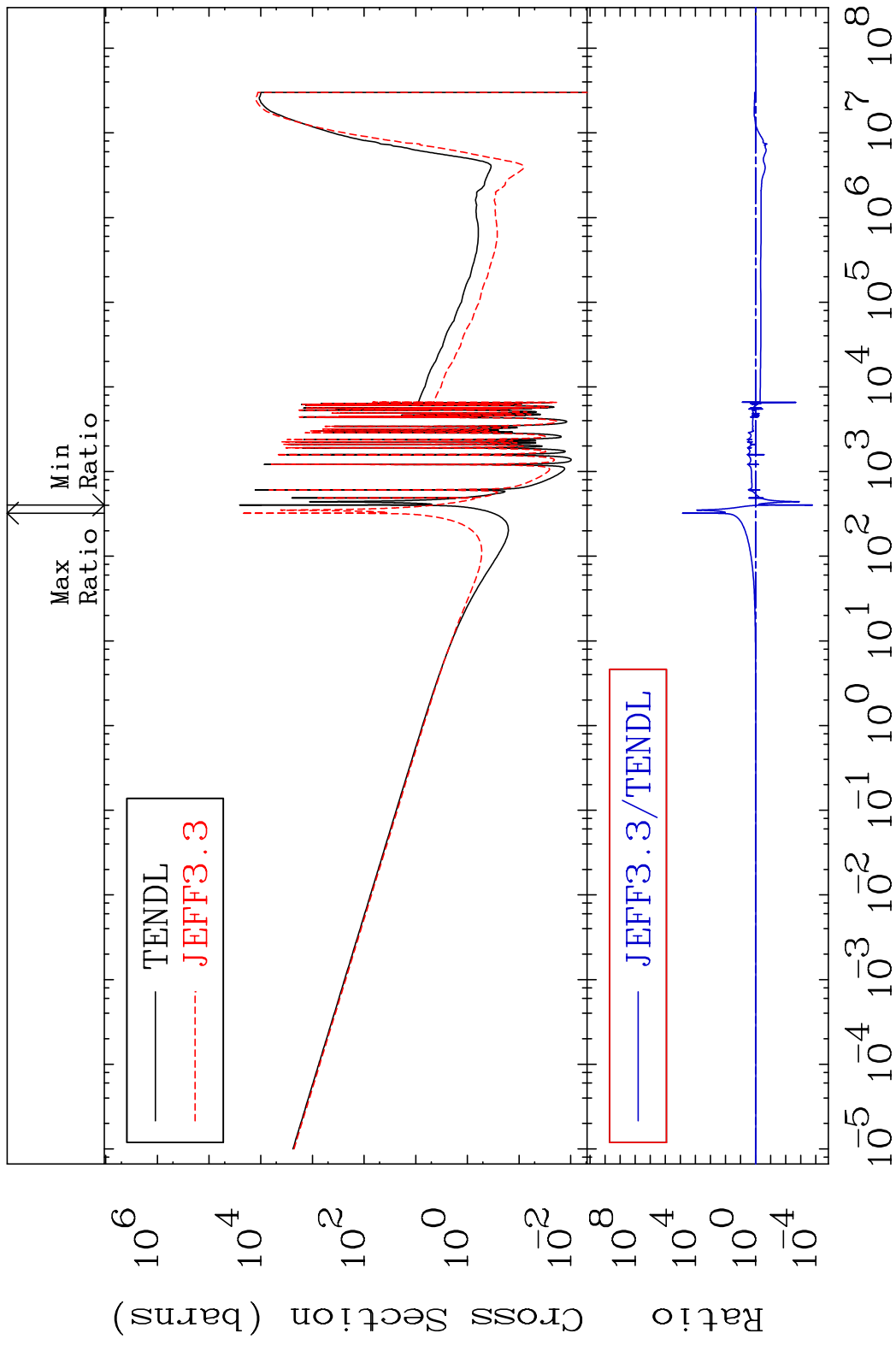
Incident Energy (eV)

36-Kr-85

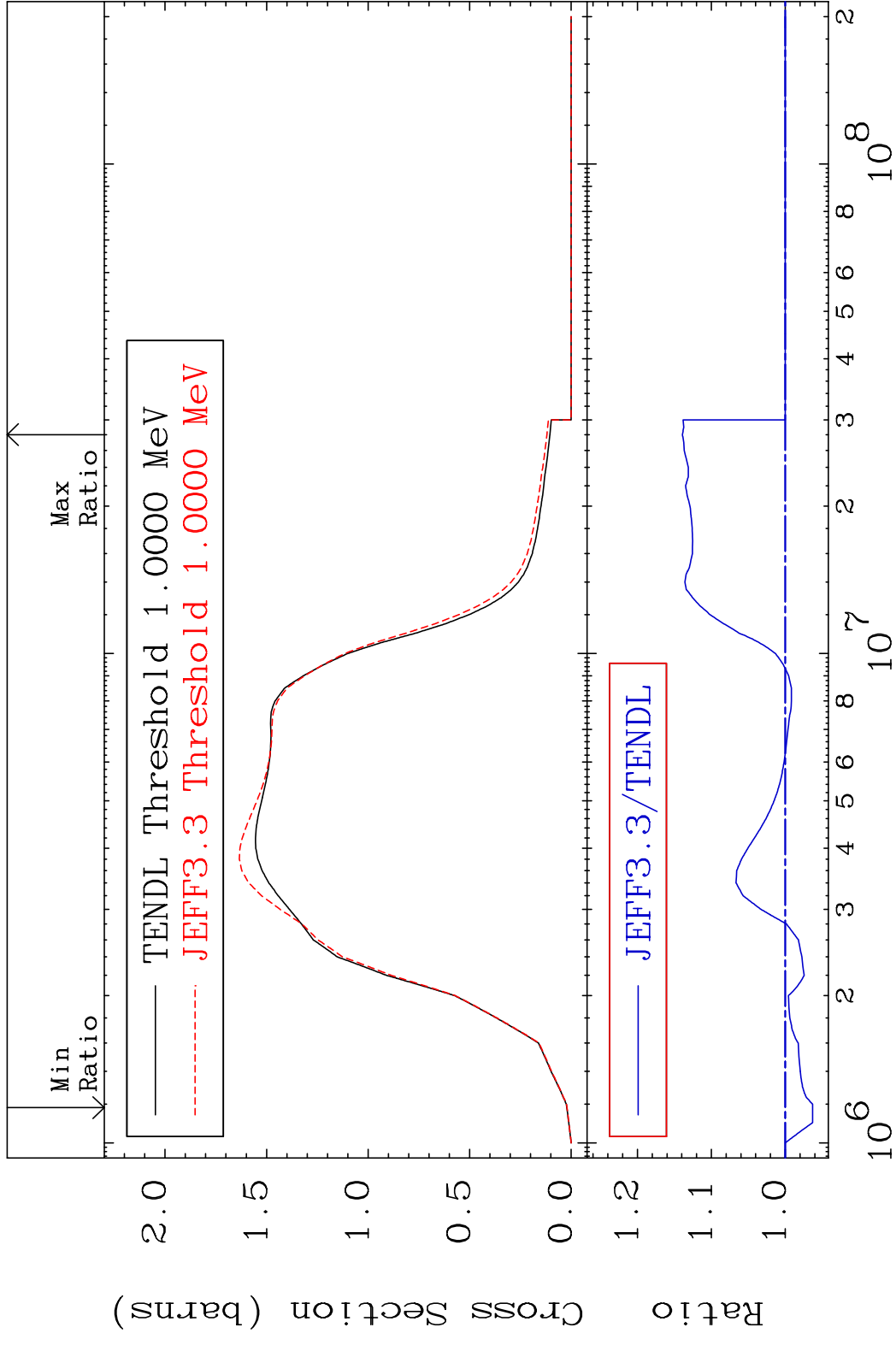
MAT 3646 Dpa inelastic (mt51-91) 36-Kr-85  
 Cross Section -100.0 To 18.74 %



MAT 3646 Dpa disappearance (mt102 -120) 36-Kr-85  
 Cross Section -99.98 To 9999. %

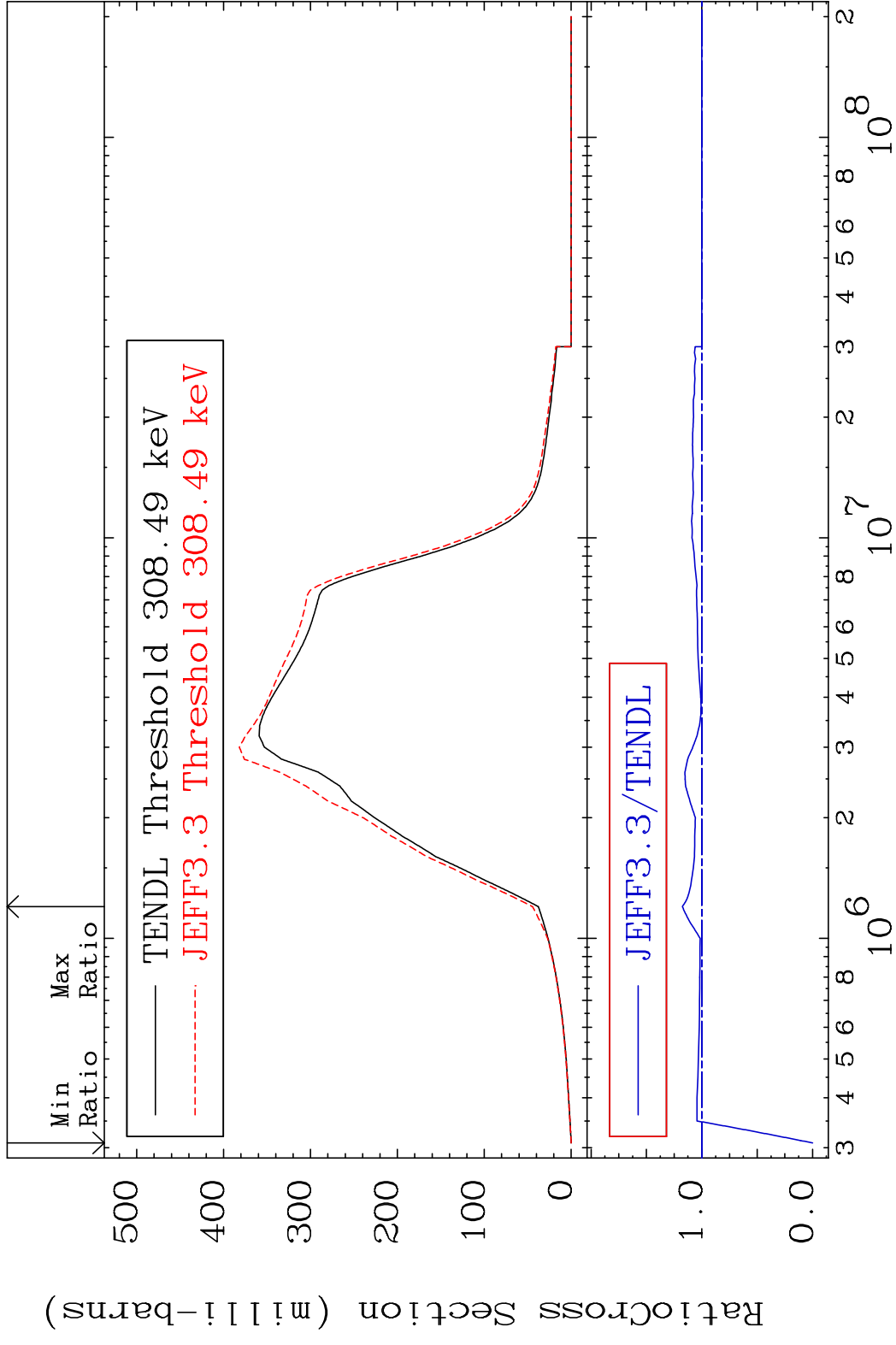


MAT 3646 Inelastic:36-Kr-85g 36-Kr-85  
 Radionuclide Production Cross Section 13.92 %

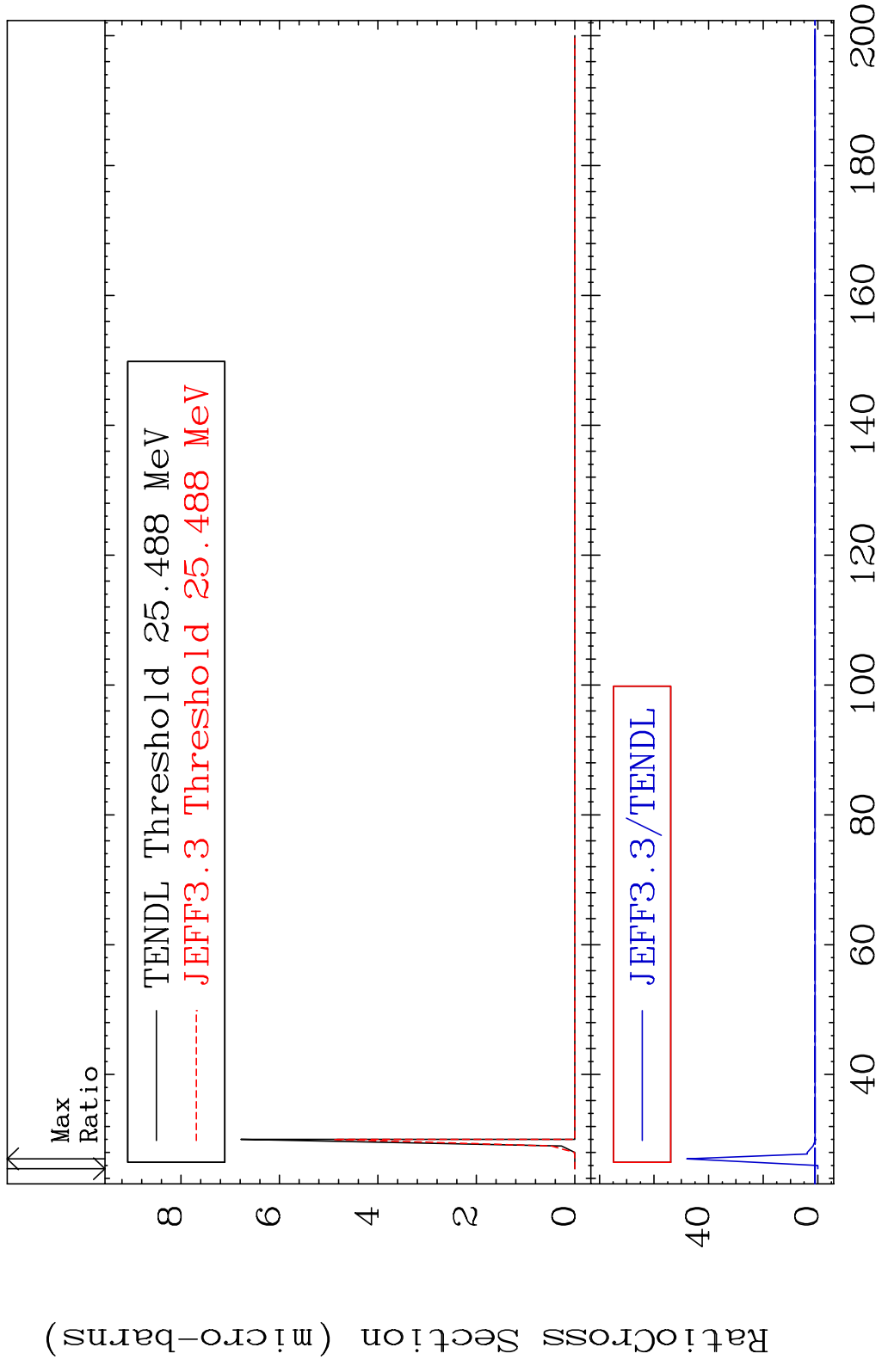


75 Incident Energy (eV) 36-Kr-85

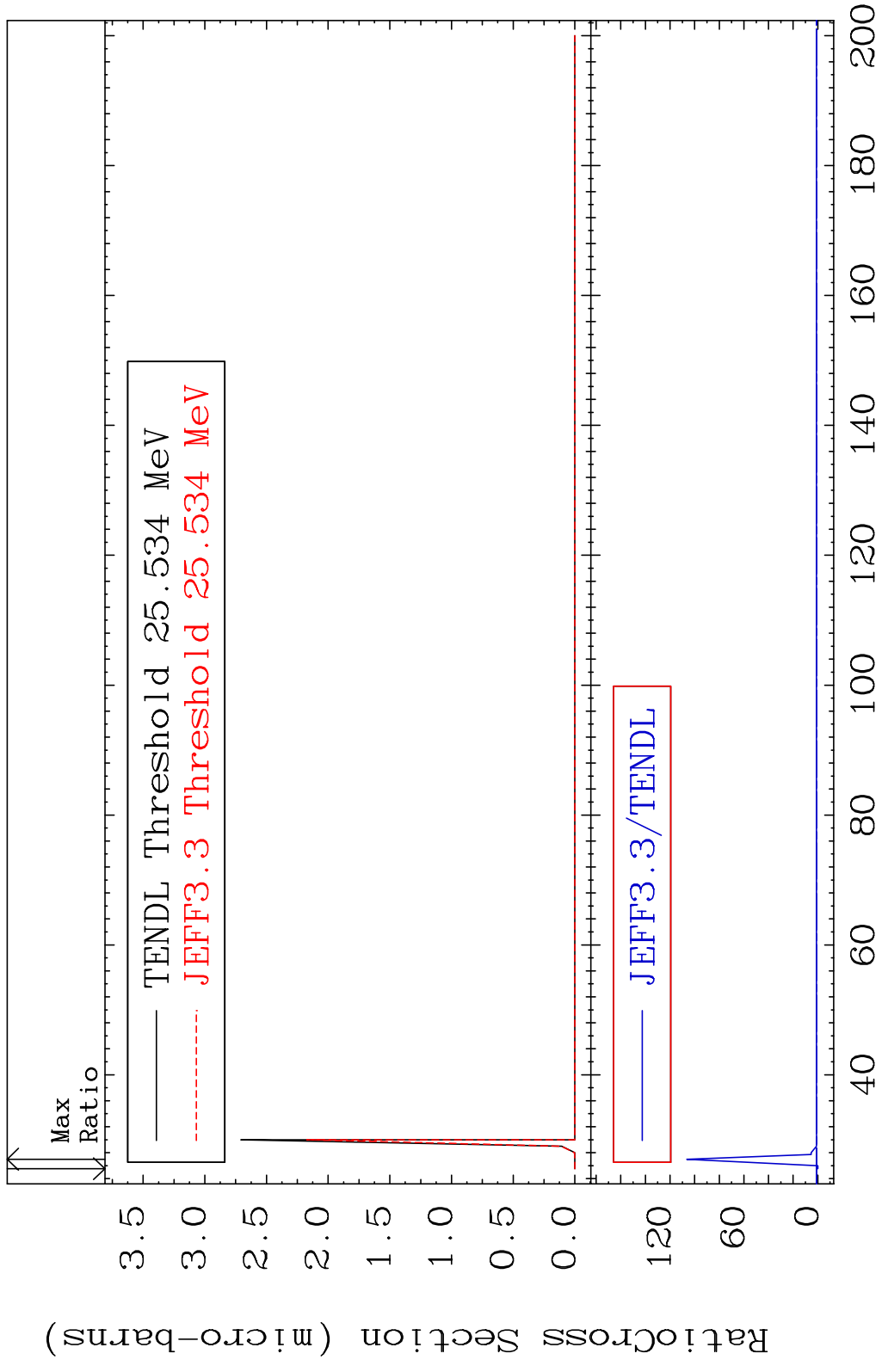
MAT 3646 Inelastic:36-Kr-85m1 36-Kr-85  
 Radionuclide Production Cross Section 180.01 dno 17.58 %



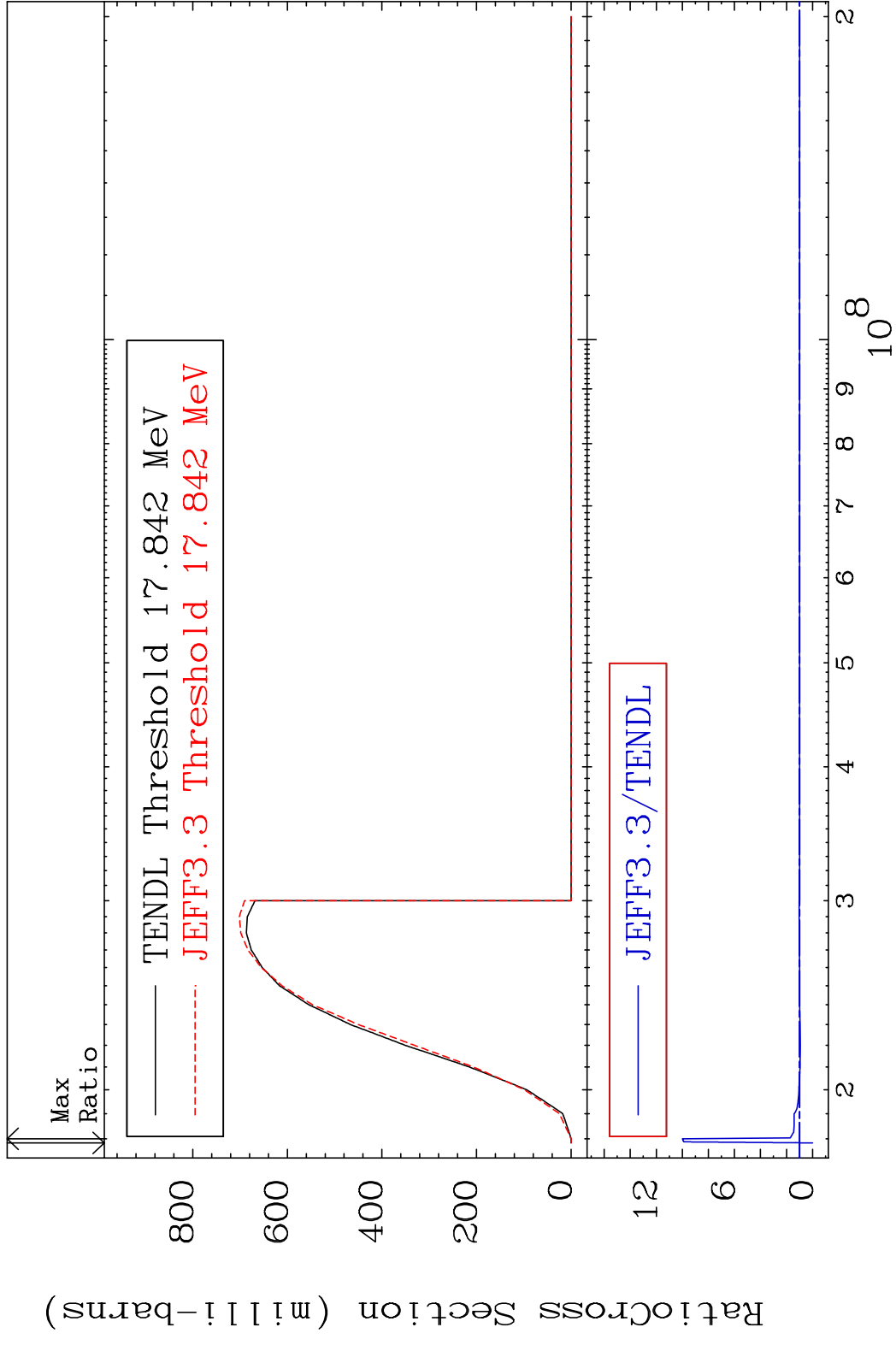
MAT 3646 (n,2n) d:35-Br-82g 36-Kr-85  
 Radionuclide Production Cross Section 1800.0 dno 4702. %



MAT 3646 (n,2n) d:35-Br-82m1 36-Kr-85  
 Radionuclide Production Cross Section 100.00 % 9999. %

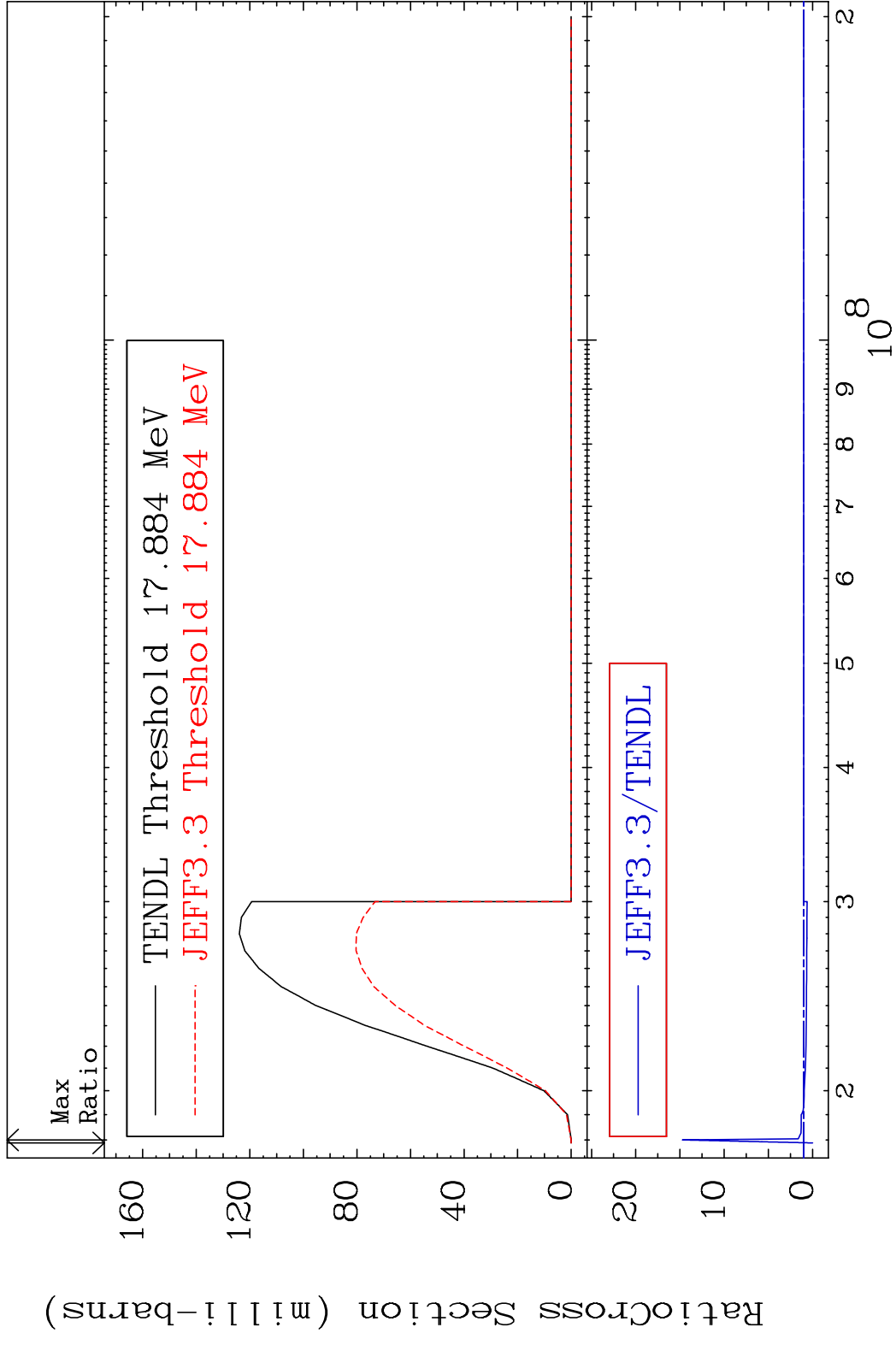


MAT 3646 (n,3n):36-Kr-83g 36-Kr-85  
 Radionuclide Production Cross Section Ratio 899.9 %

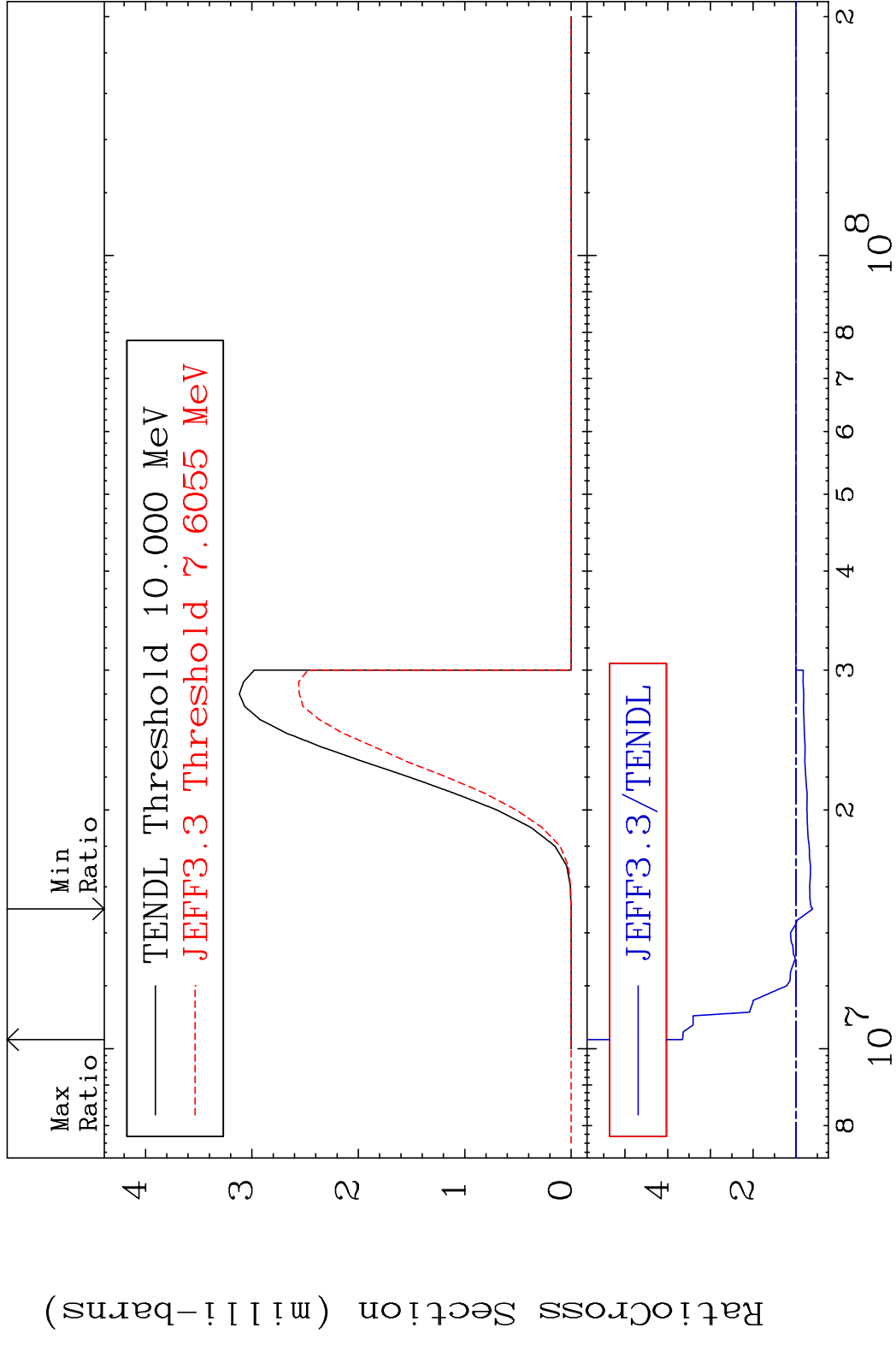




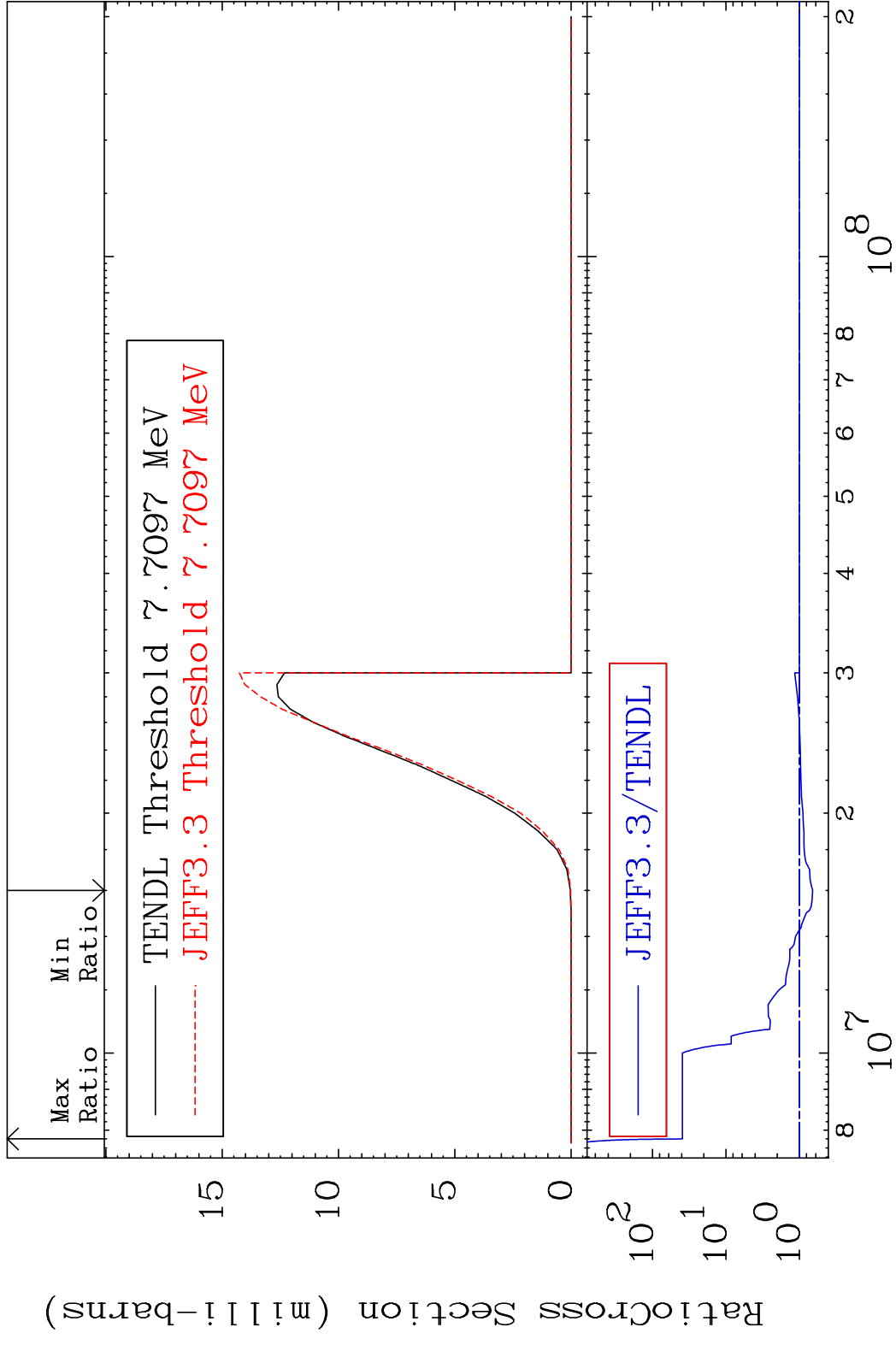
MAT 3646 (n,3n):36-Kr-83m2 36-Kr-85  
 Radionuclide Production Cross Section 1373. %



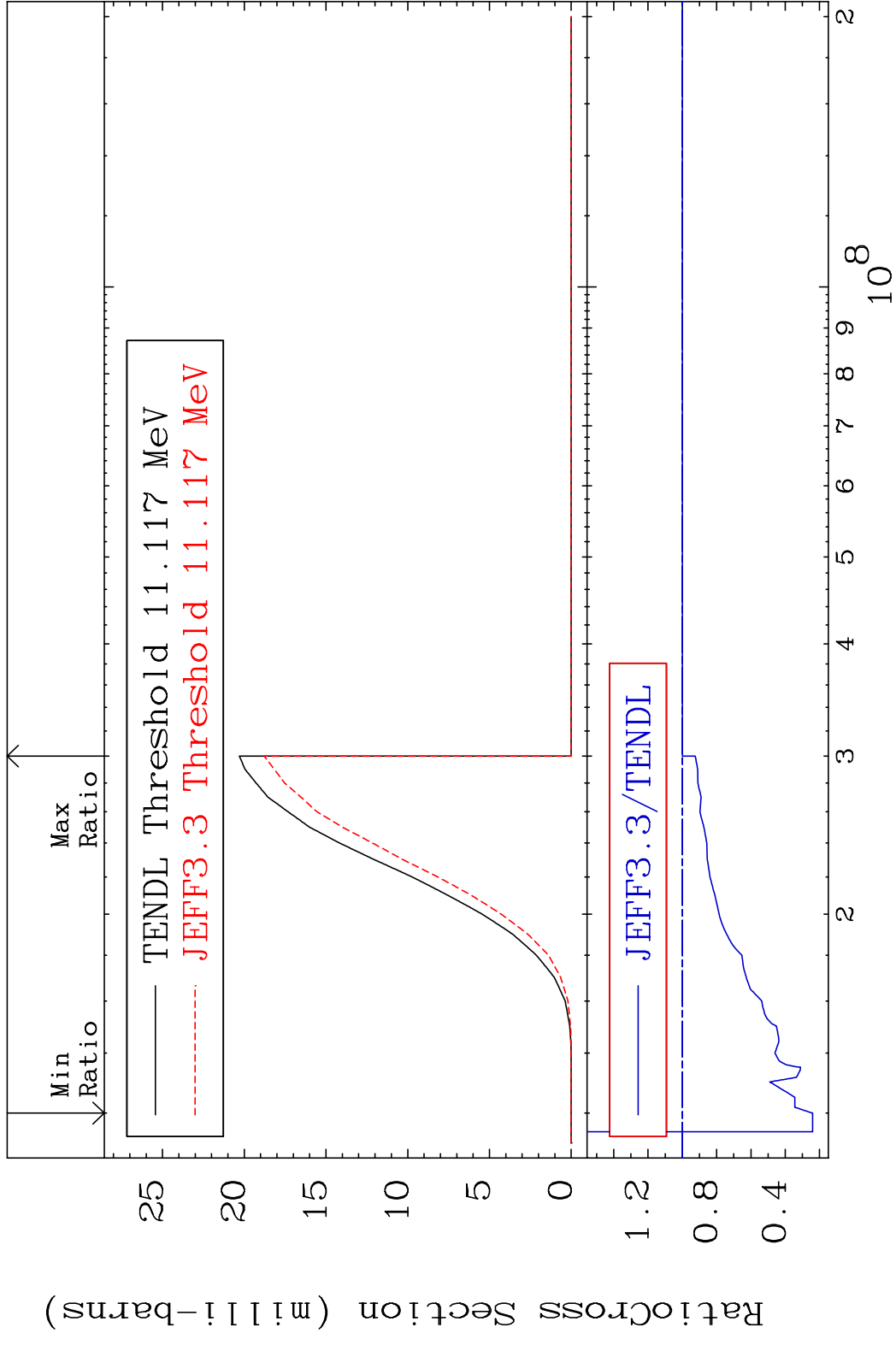
MAT 3646 (n, n')  $\alpha$ :34-Se-81g 36-Kr-85  
 Radionuclide Production Cross Section 38e-23 dno 265.8 %

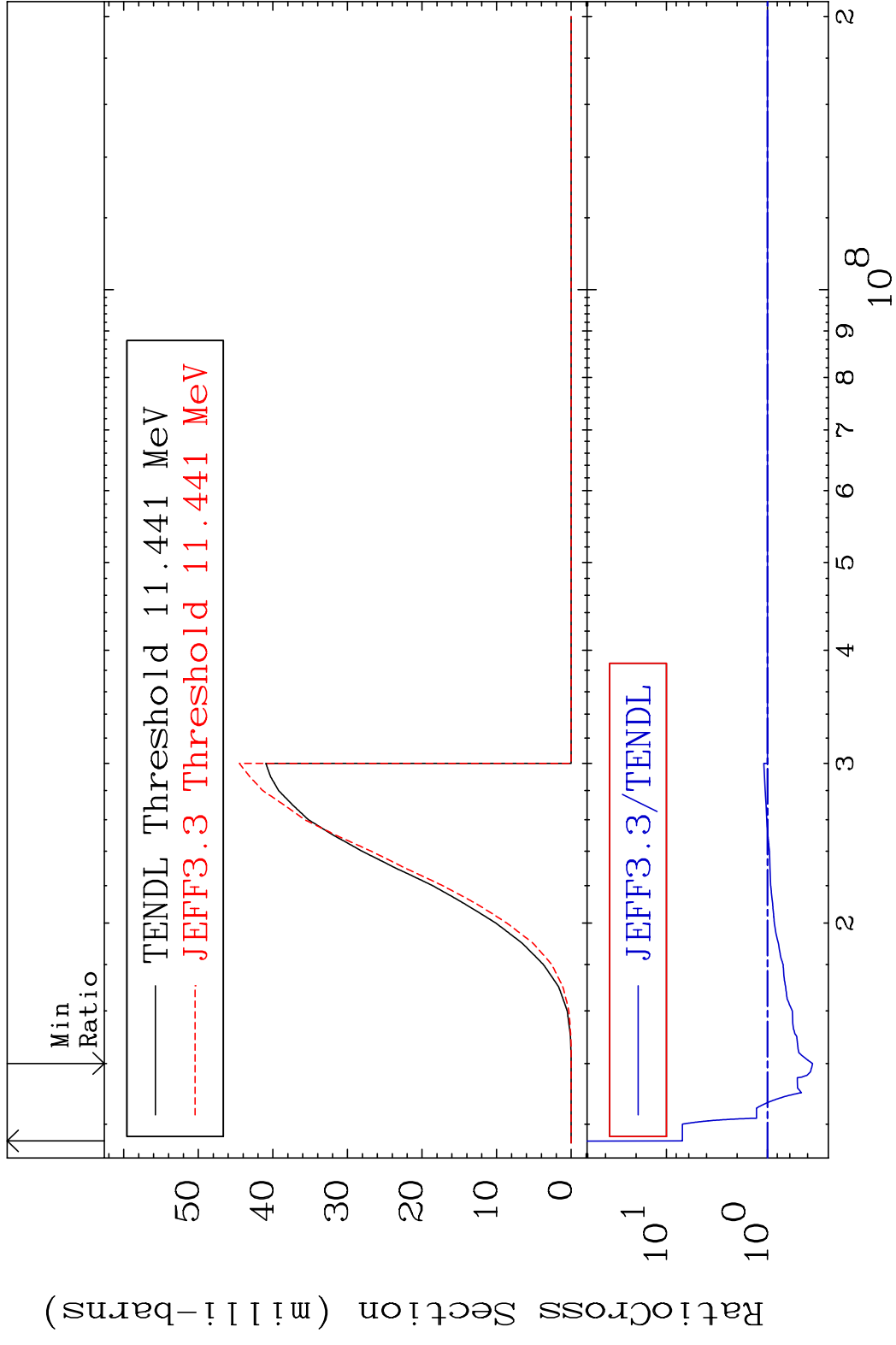


MAT 3646 (n, n')  $\alpha$ :34-Se-81m1 36-Kr-85  
 Radionuclide Production Cross Section 3823. %

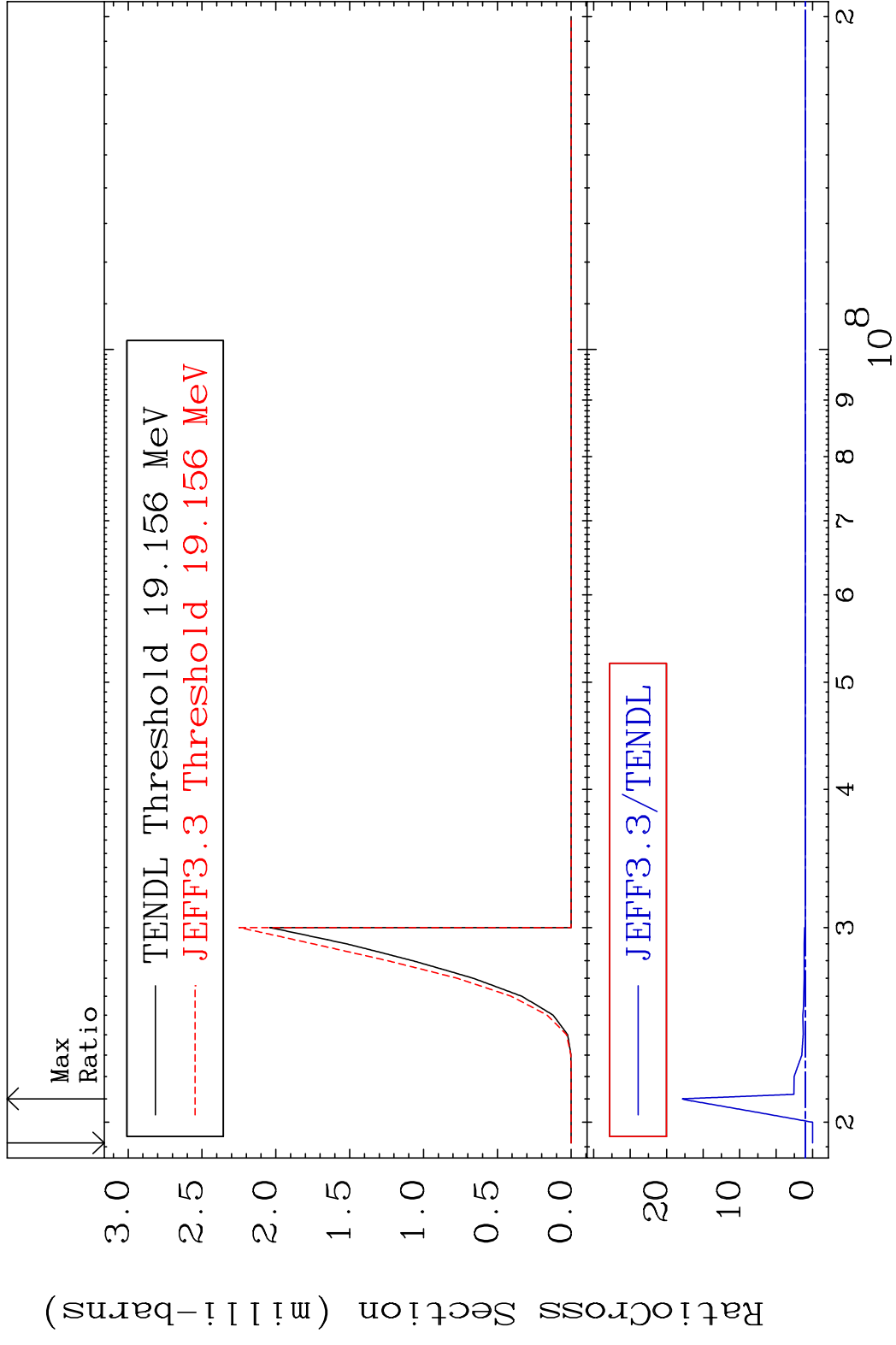


MAT 3646 (n, n') p:35-Br-84g 36-Kr-85  
 Radionuclide Production Cross Section 0.000 %

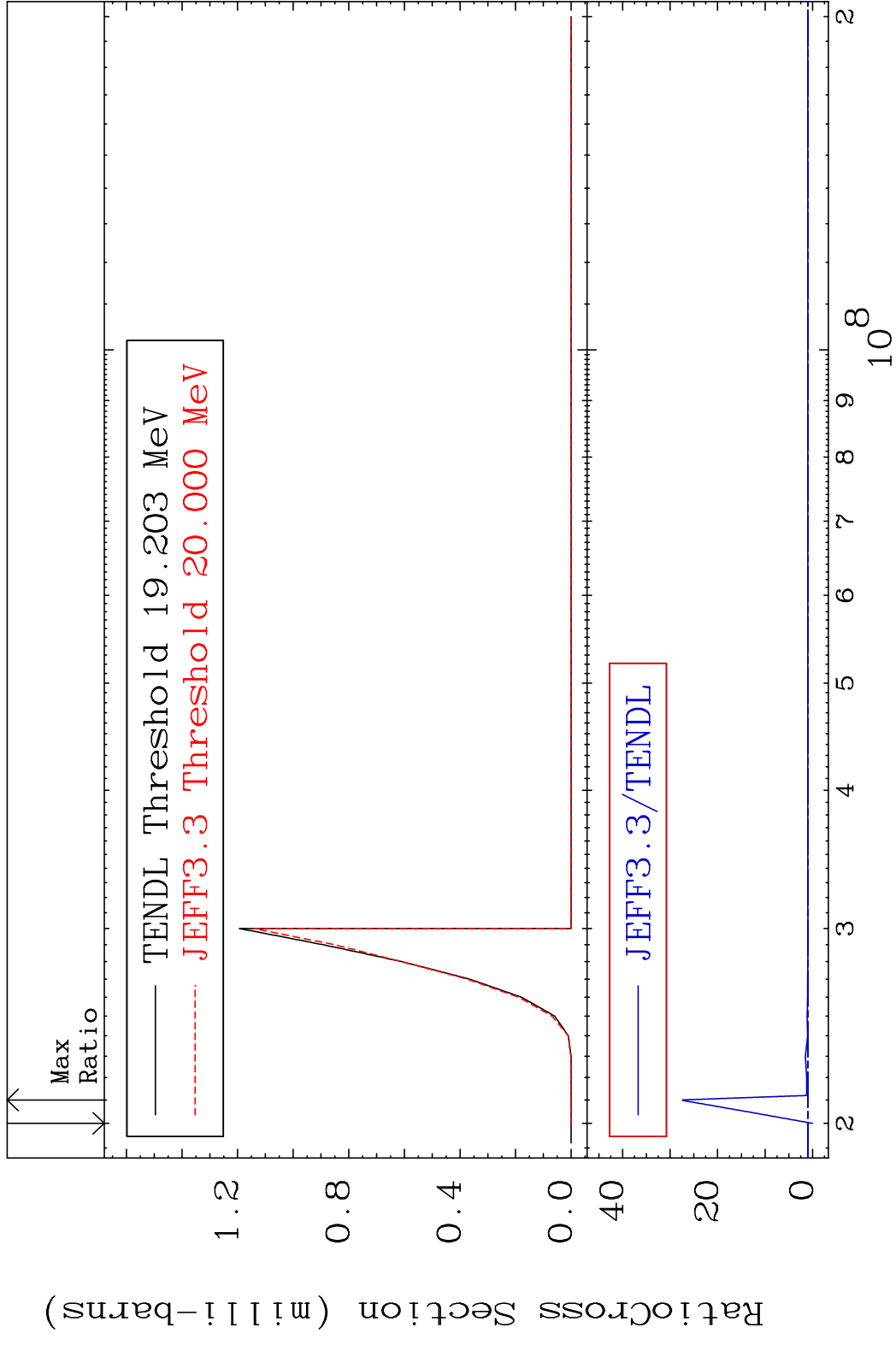


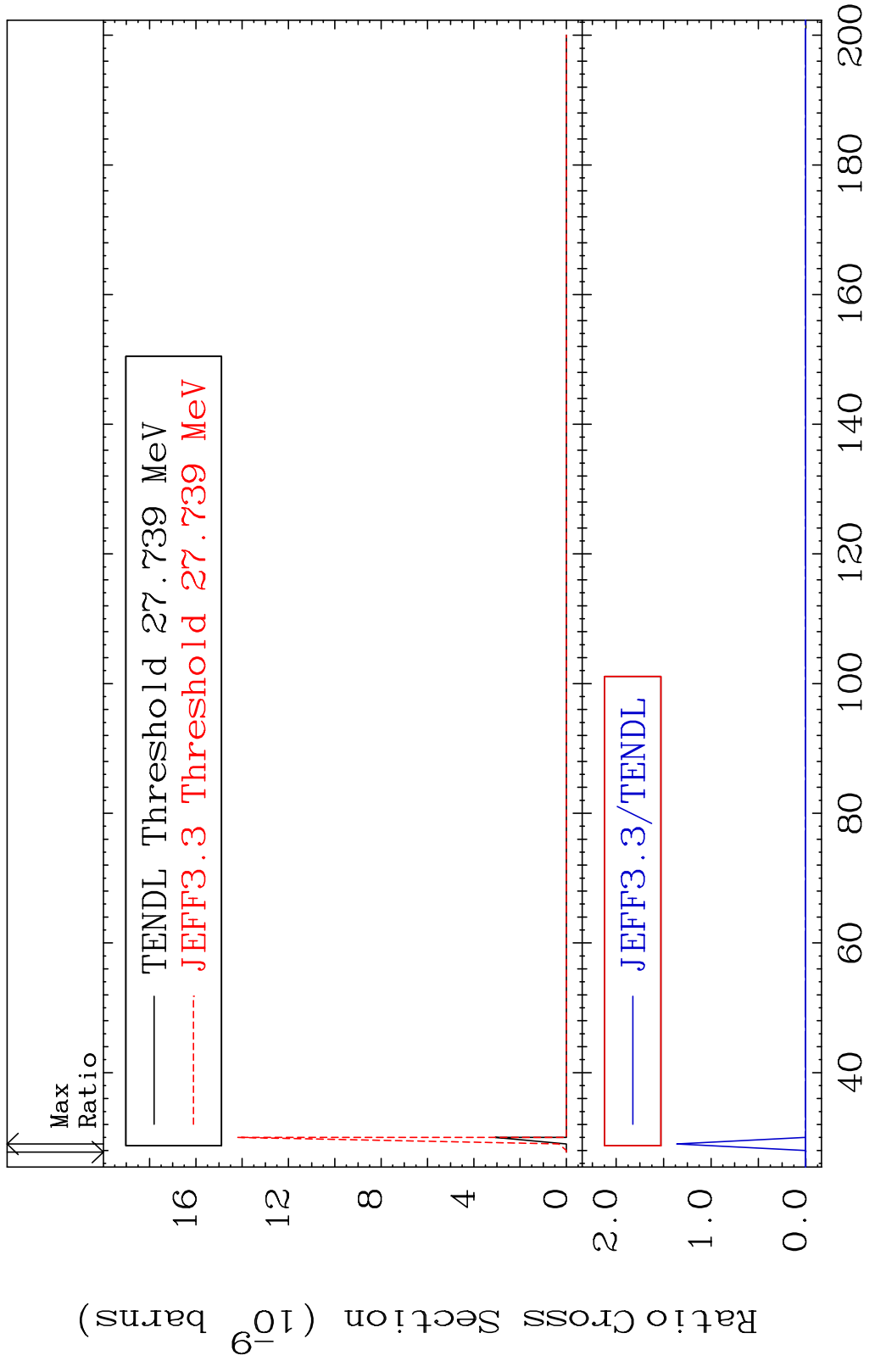


MAT 3646 (n, n') t:35-Br-82g 36-Kr-85  
 Radionuclide Production Cross Section 180.01 dth 1684. %

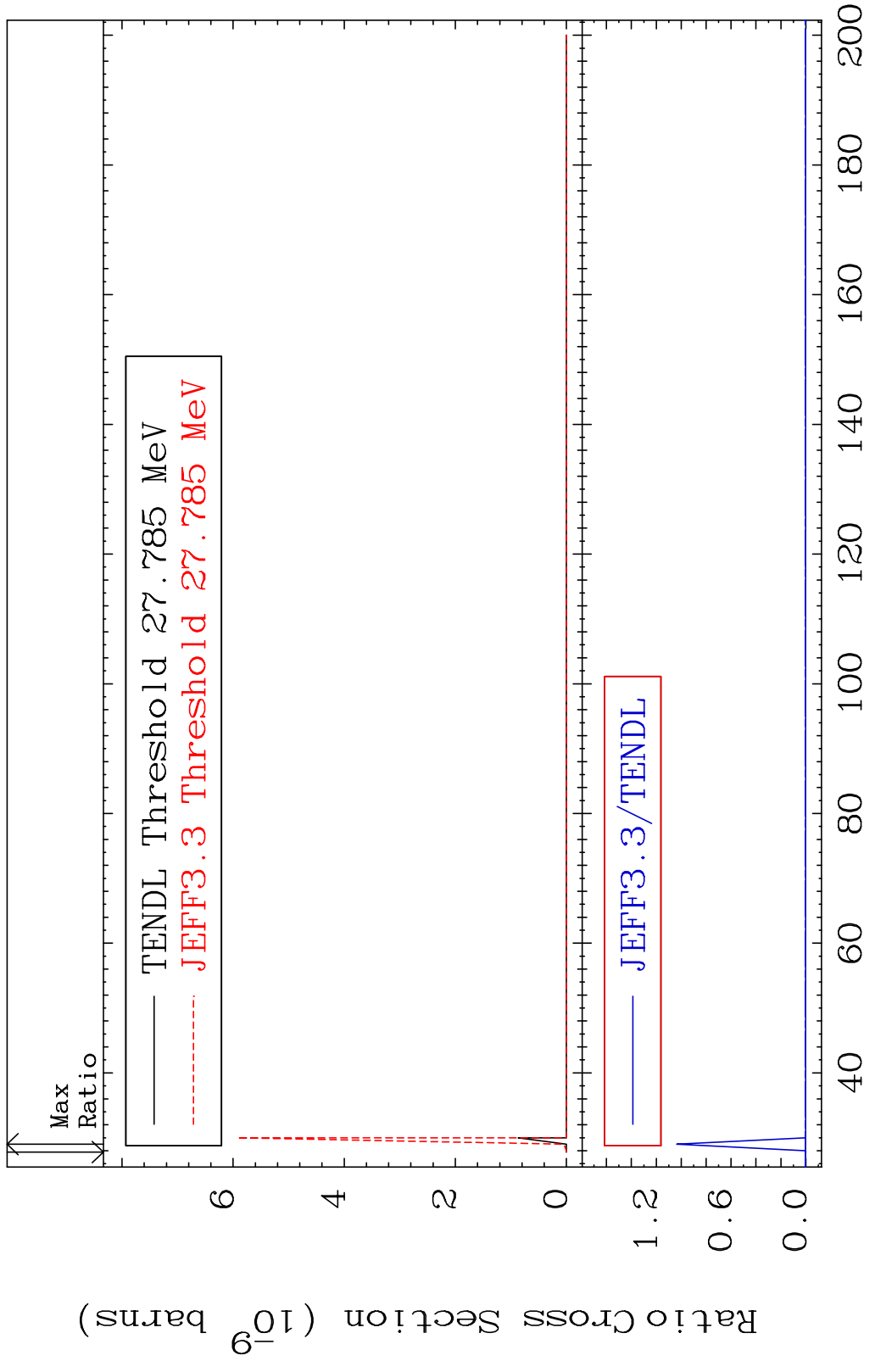


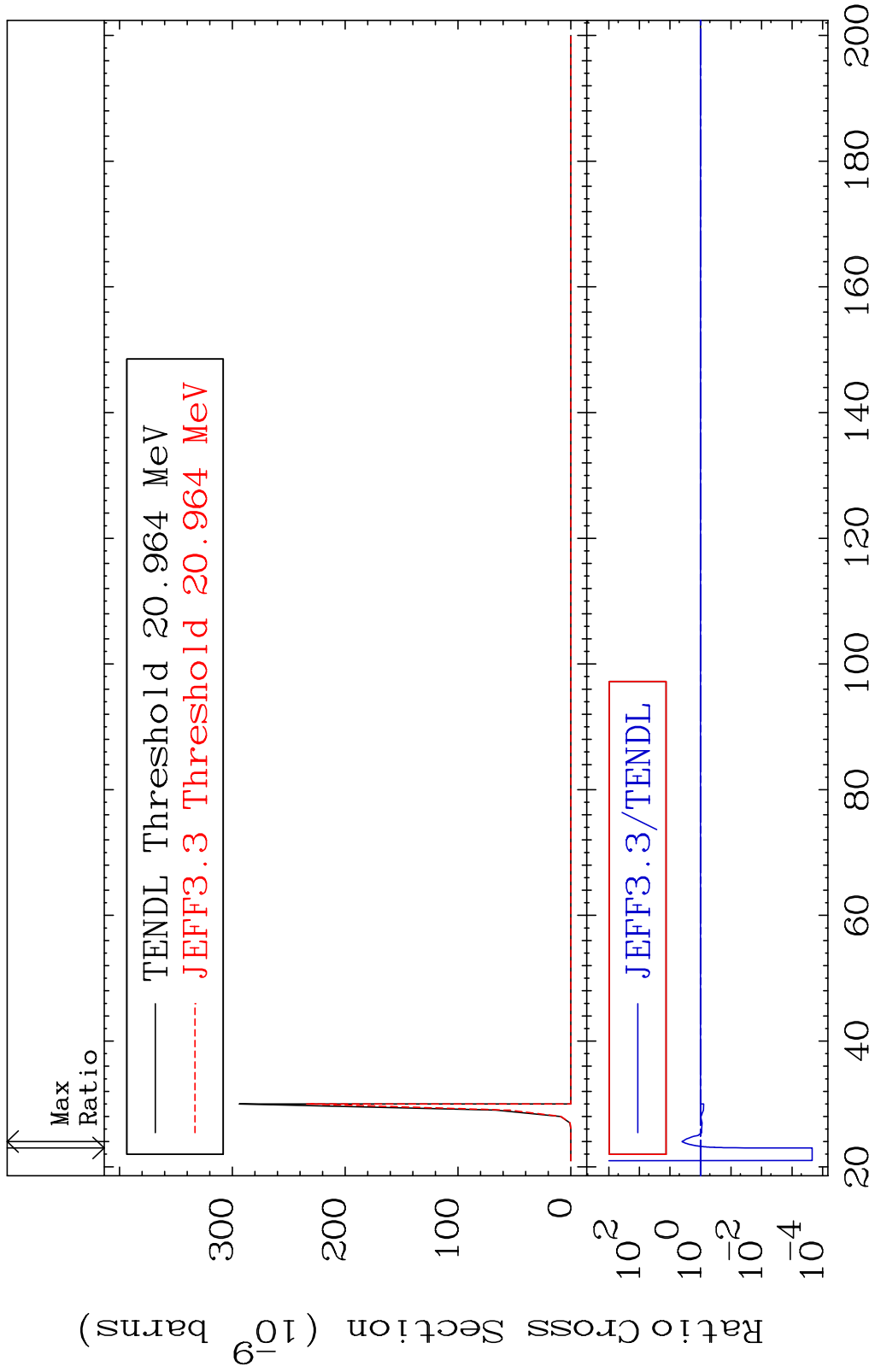
MAT 3646 (n, n') t:35-Br-82m1 36-Kr-85  
 Radionuclide Production Cross Section Ratio 2643. %



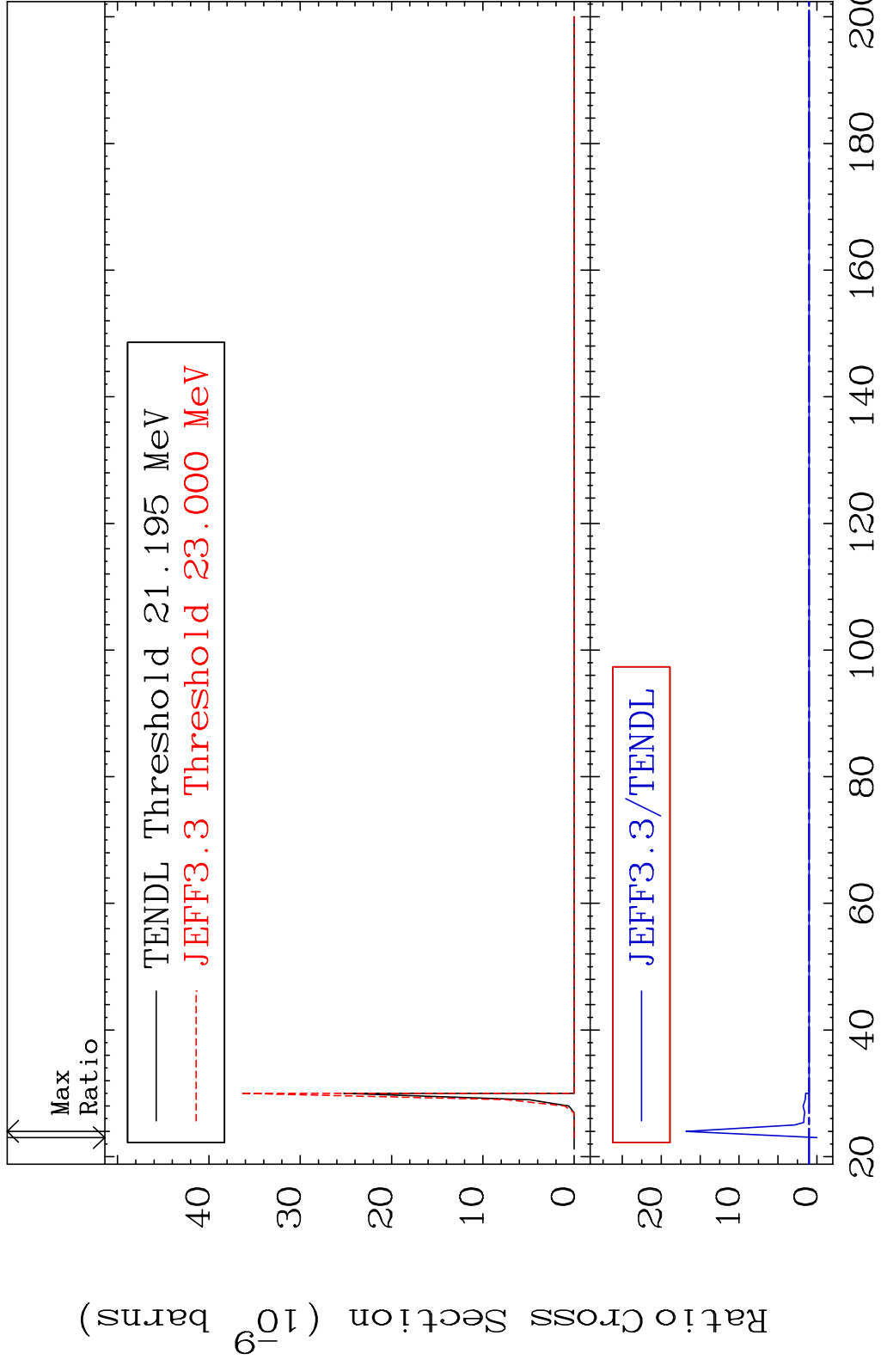






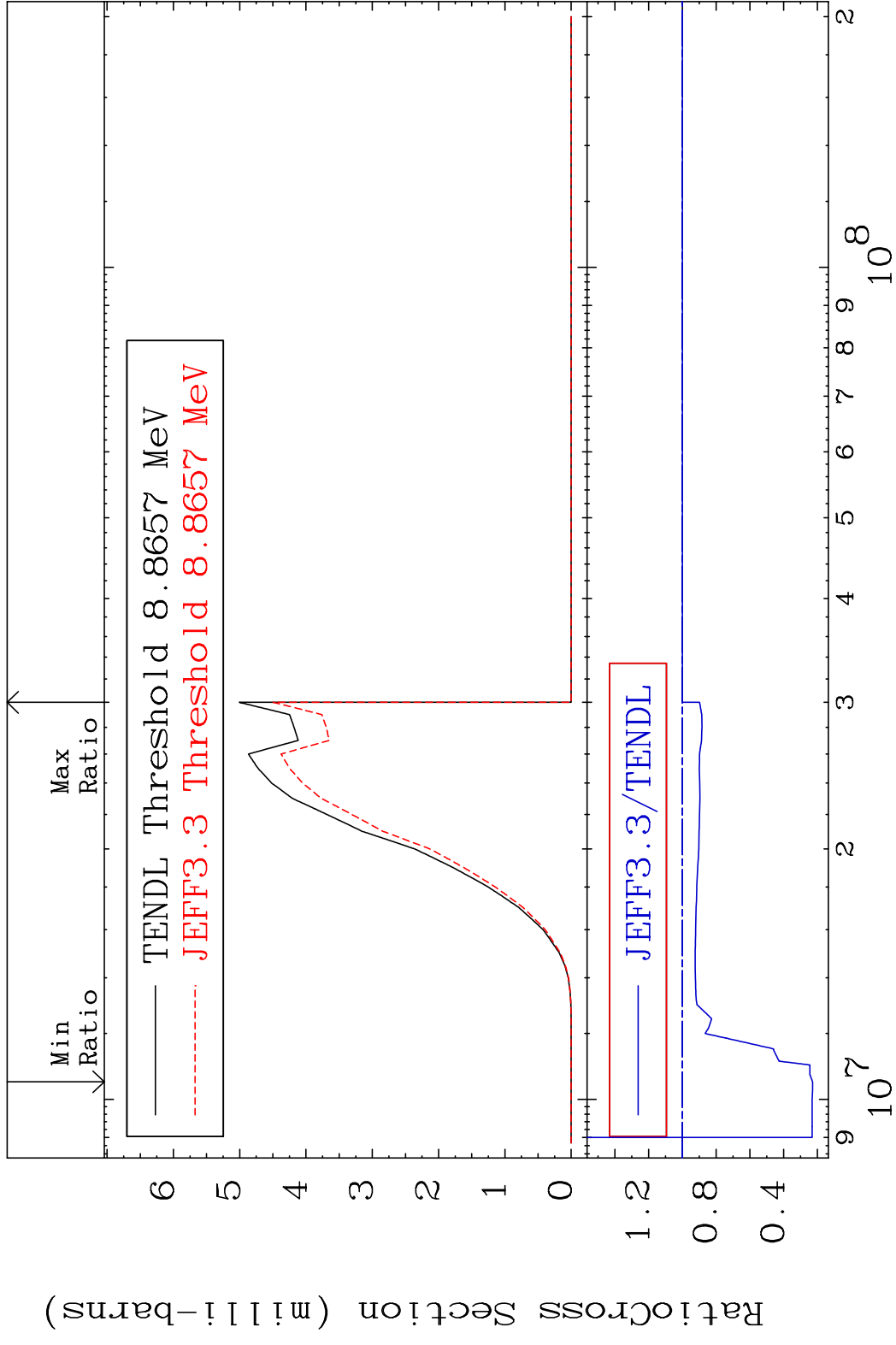


MAT 3646 (n,2n) p:34-Se-83m1 36-Kr-85  
 Radionuclide Production Cross Section 1583.0 %

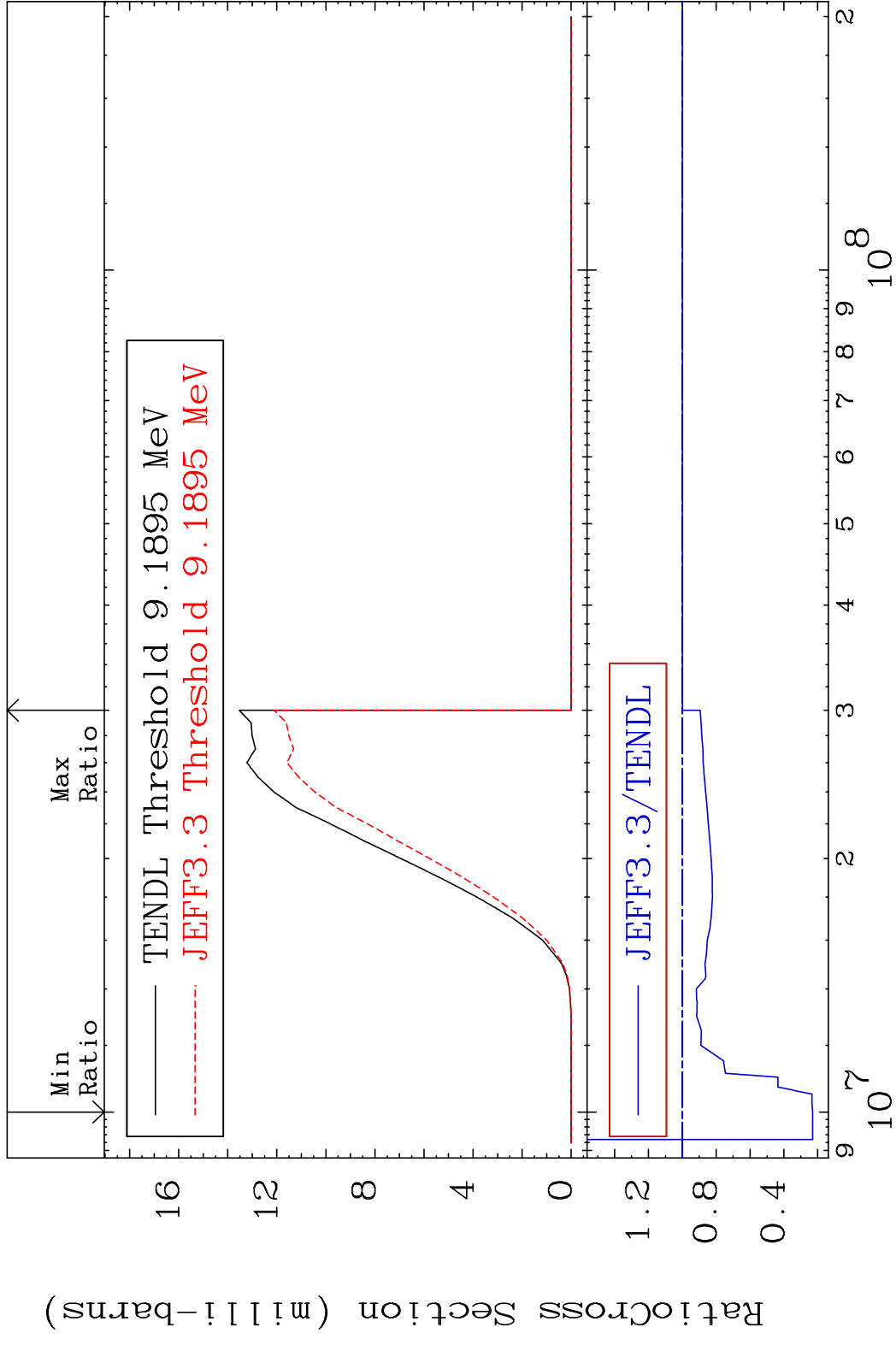


90 Incident Energy (MeV) 36-Kr-85

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



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



92 Incident Energy (eV) 36-Kr-85

