

Program Complot  
(Version 2021-1)

by

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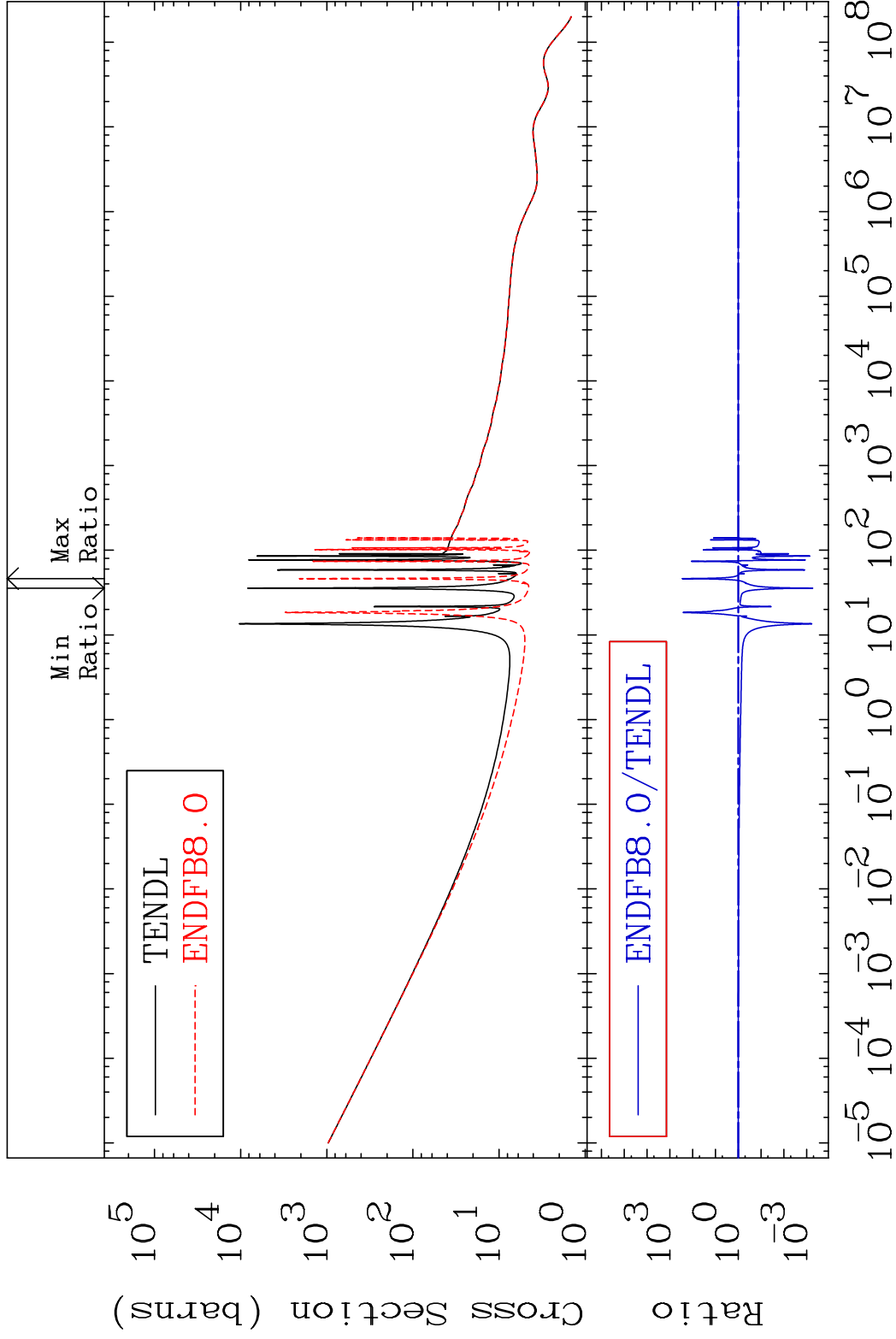
Press Mouse Button to Start

MAT 3634

Total

36-Kr-81

Cross Section -99.94 To 9999. %



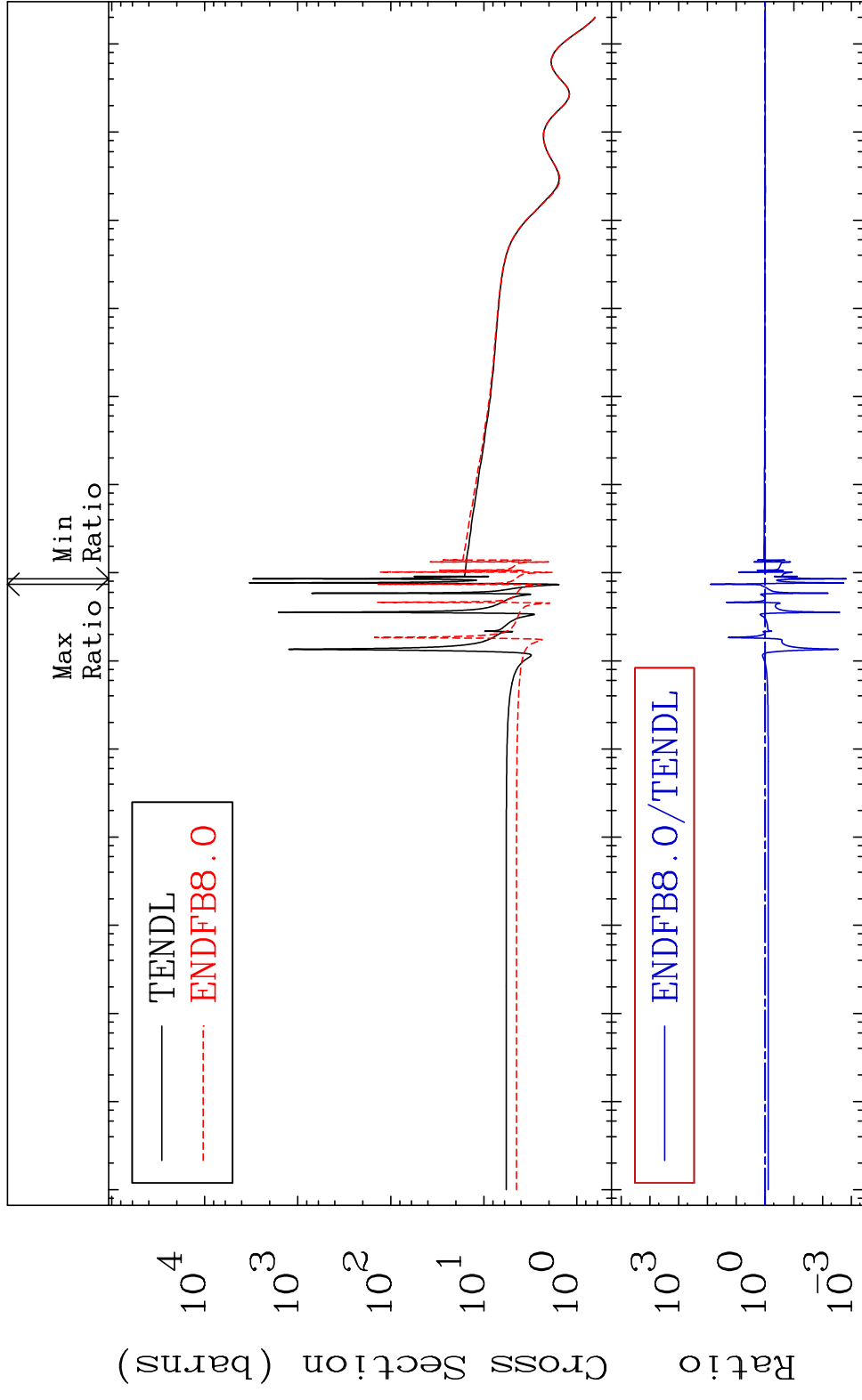
1

Incident Energy (eV)

36-Kr-81

MAT 3634

Elastic Cross Section -99.85 To 7641. %  
36-Kr-81

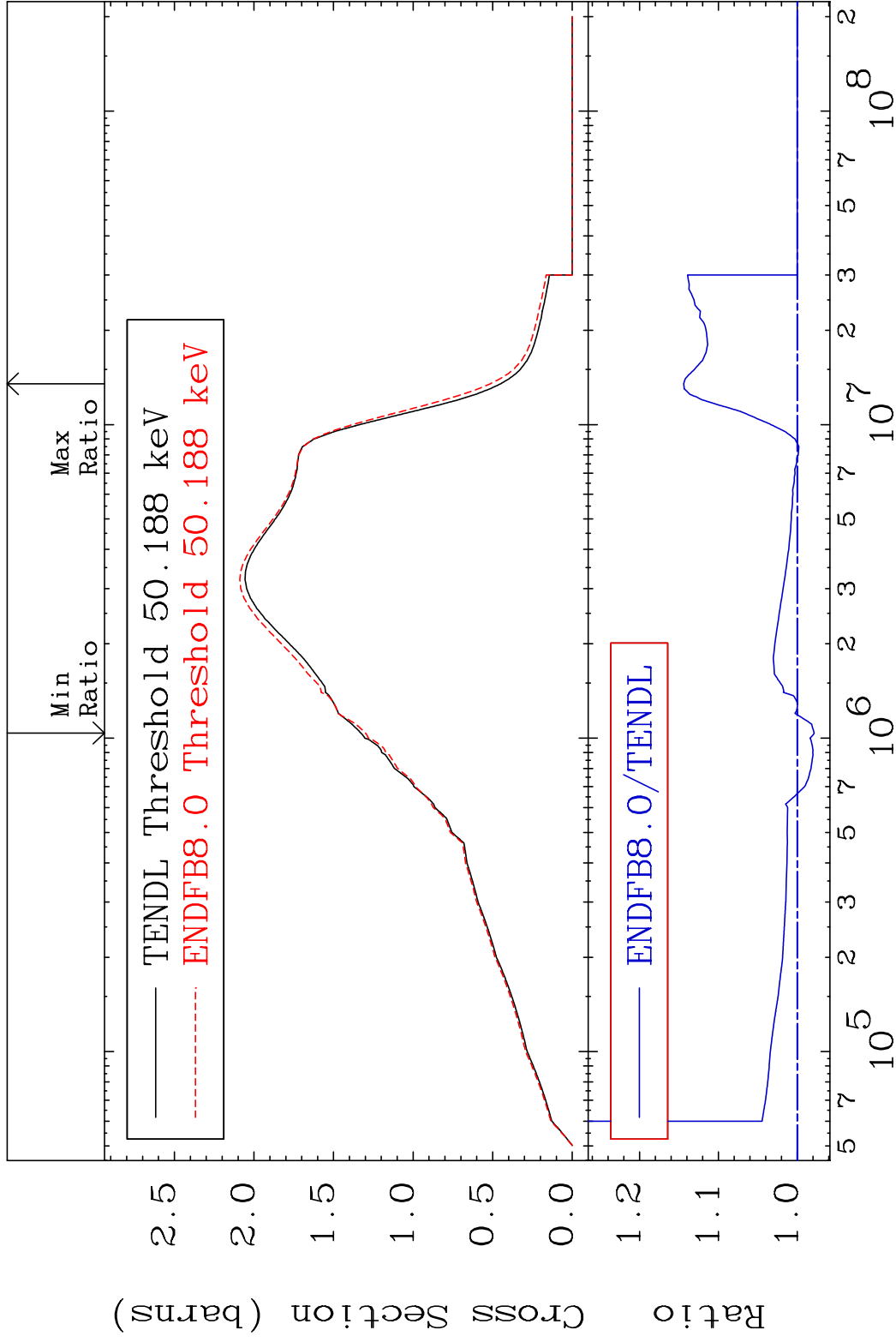


MAT 3634

Inelastic

36-Kr-81

Cross Section -2.135 To 14.41 %

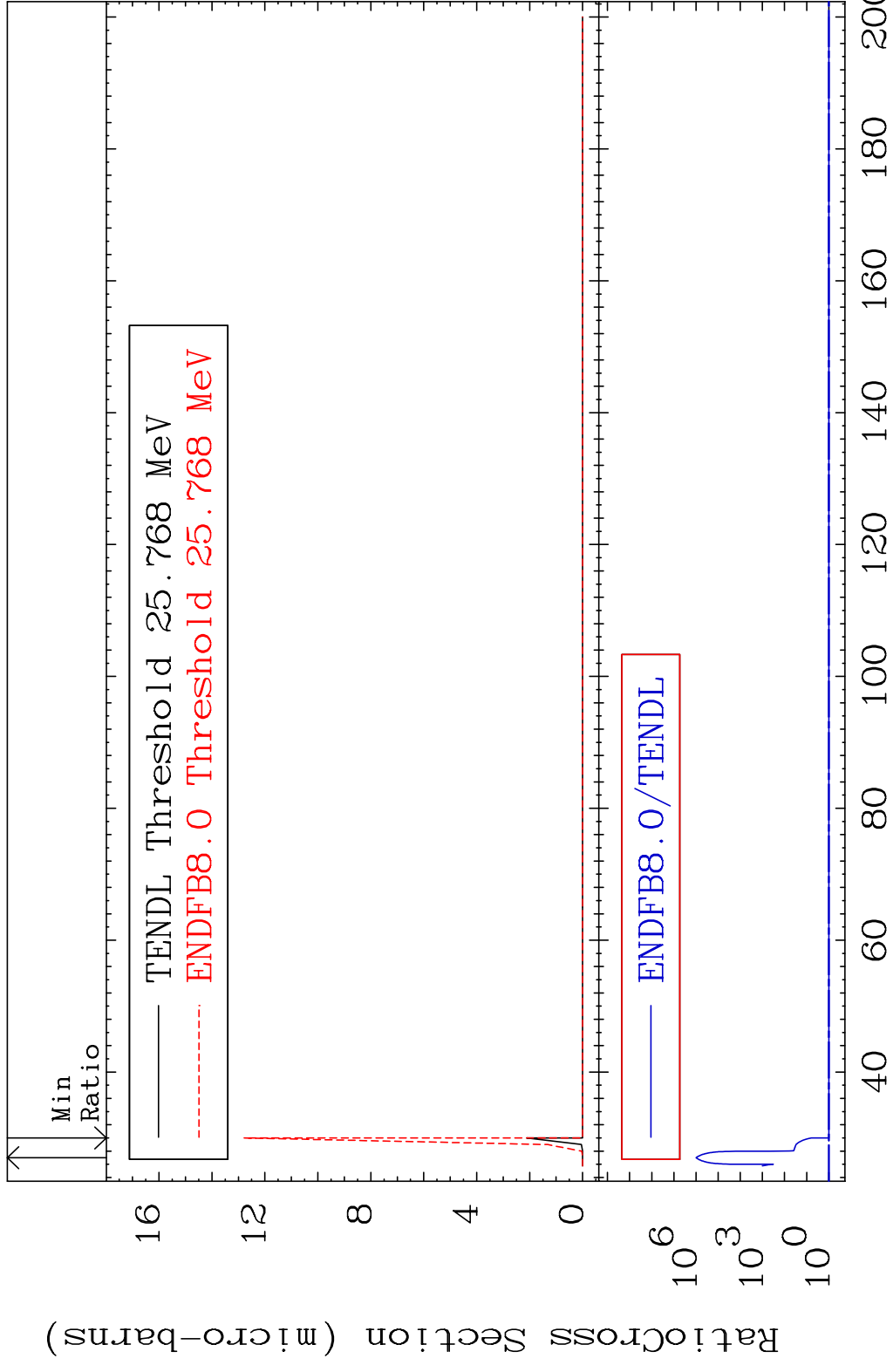


3

Incident Energy (eV)

36-Kr-81

MAT 3634 (n,2n) d 36-Kr-81  
 Cross Section 0.000 To 9999. %



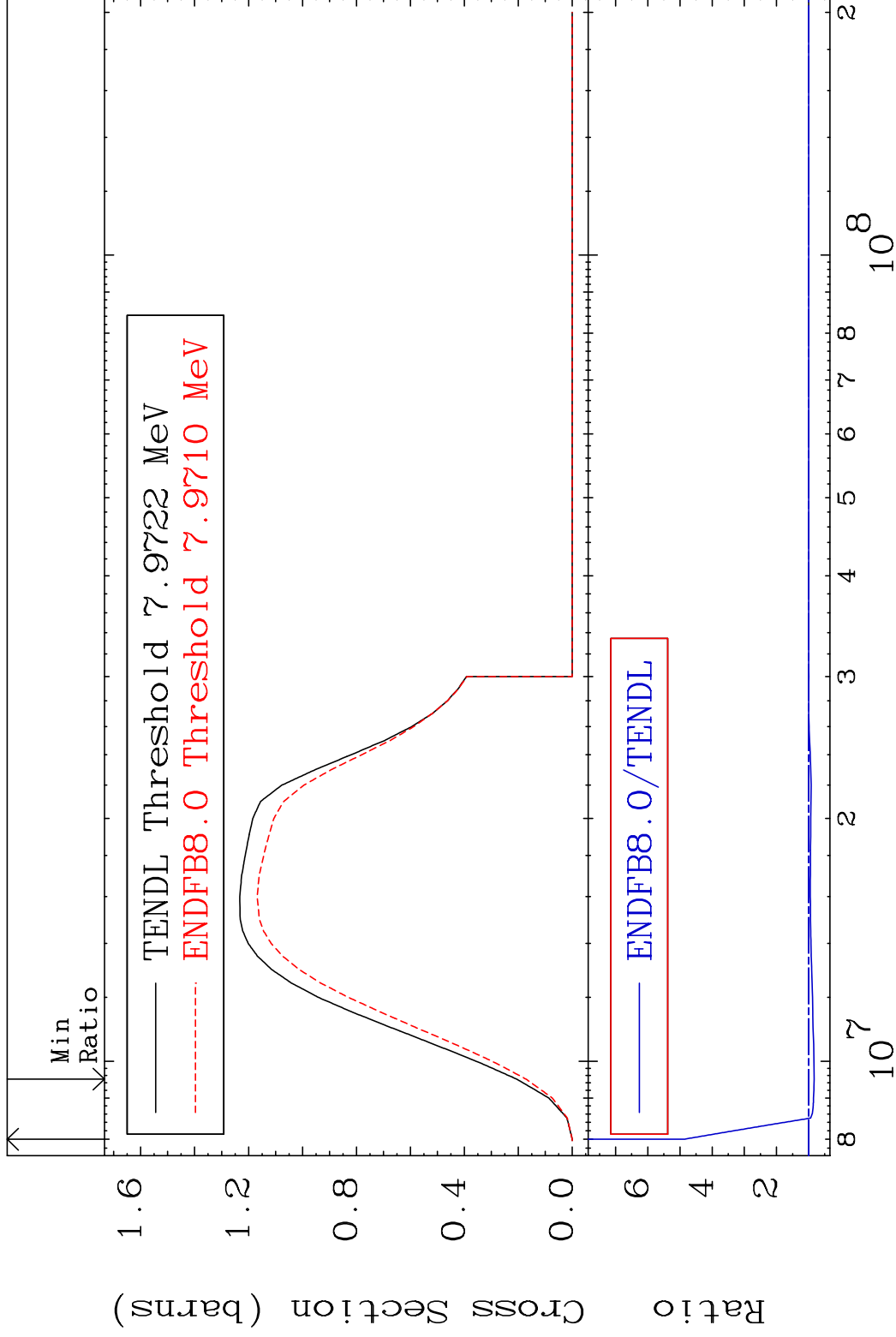
4 Incident Energy (MeV) 36-Kr-81

MAT 3634

(n,2n)

36-Kr-81

Cross Section -16.85 To 388.6 %



5

Incident Energy (eV)

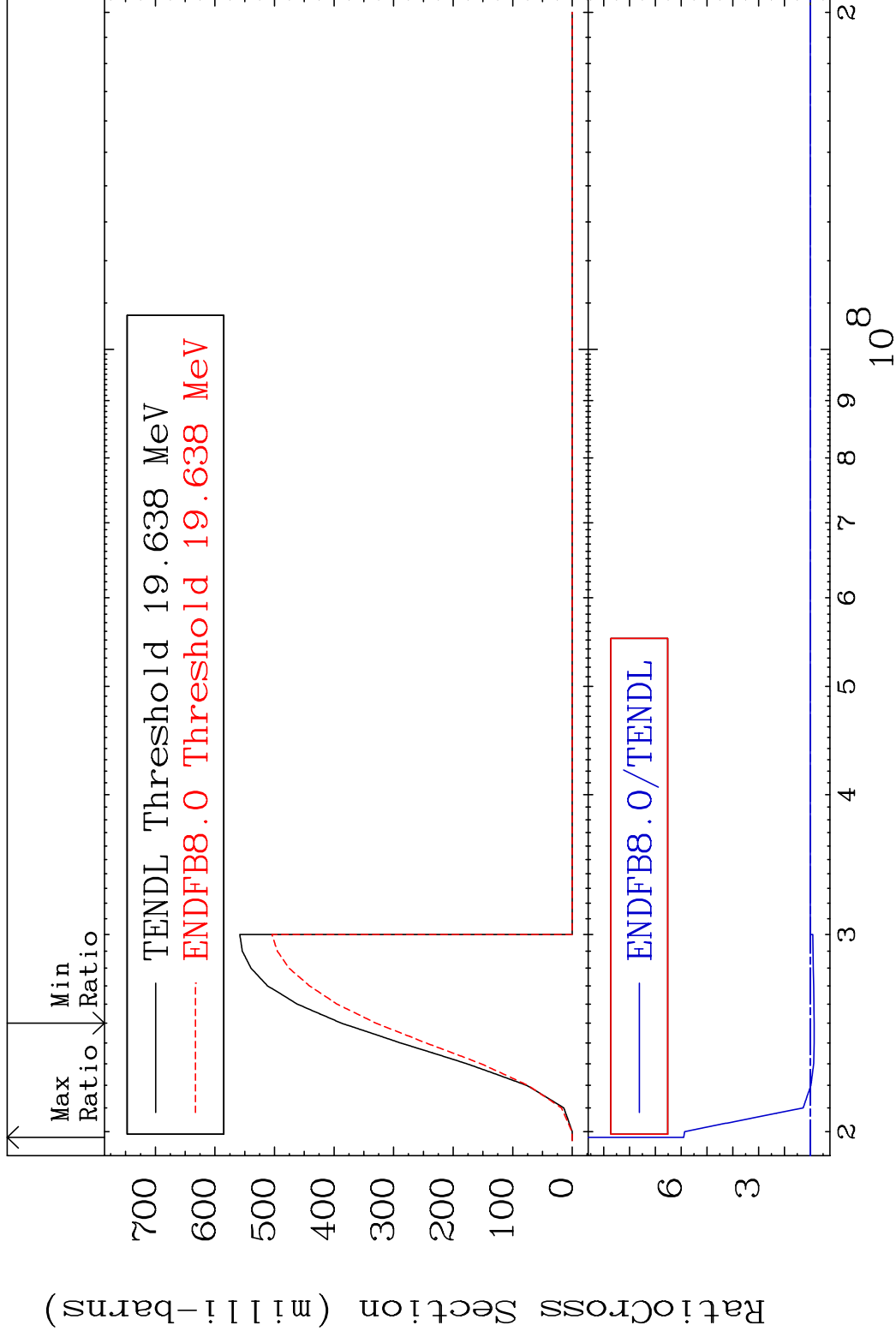
36-Kr-81

MAT 3634

(n,3n)

36-Kr-81

Cross Section -14.98 To 490.2 %

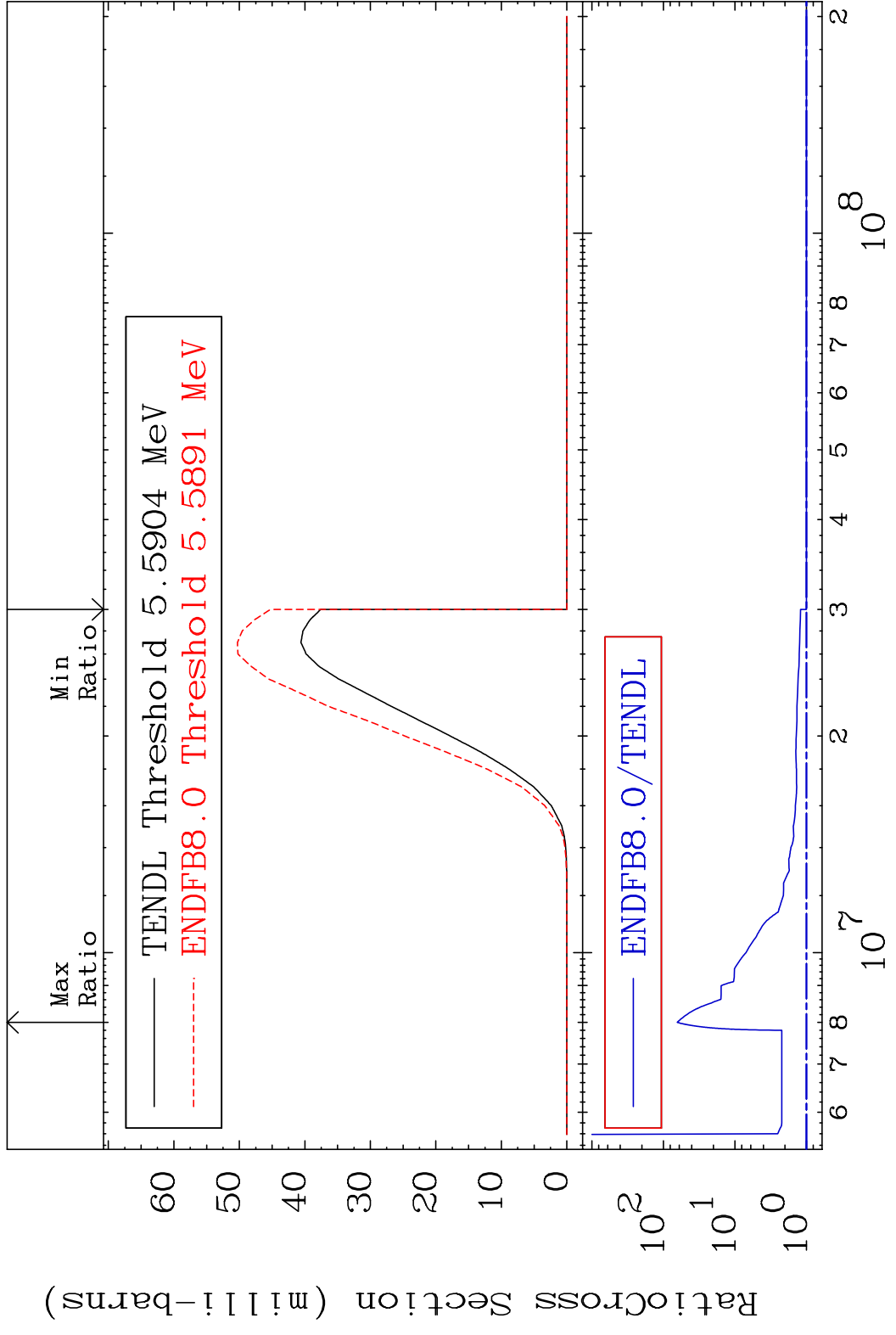


6

Incident Energy (eV)

36-Kr-81

MAT 3634 (n, n')  $\alpha$  36-Kr-81  
 Cross Section 0.000 To 6305. %



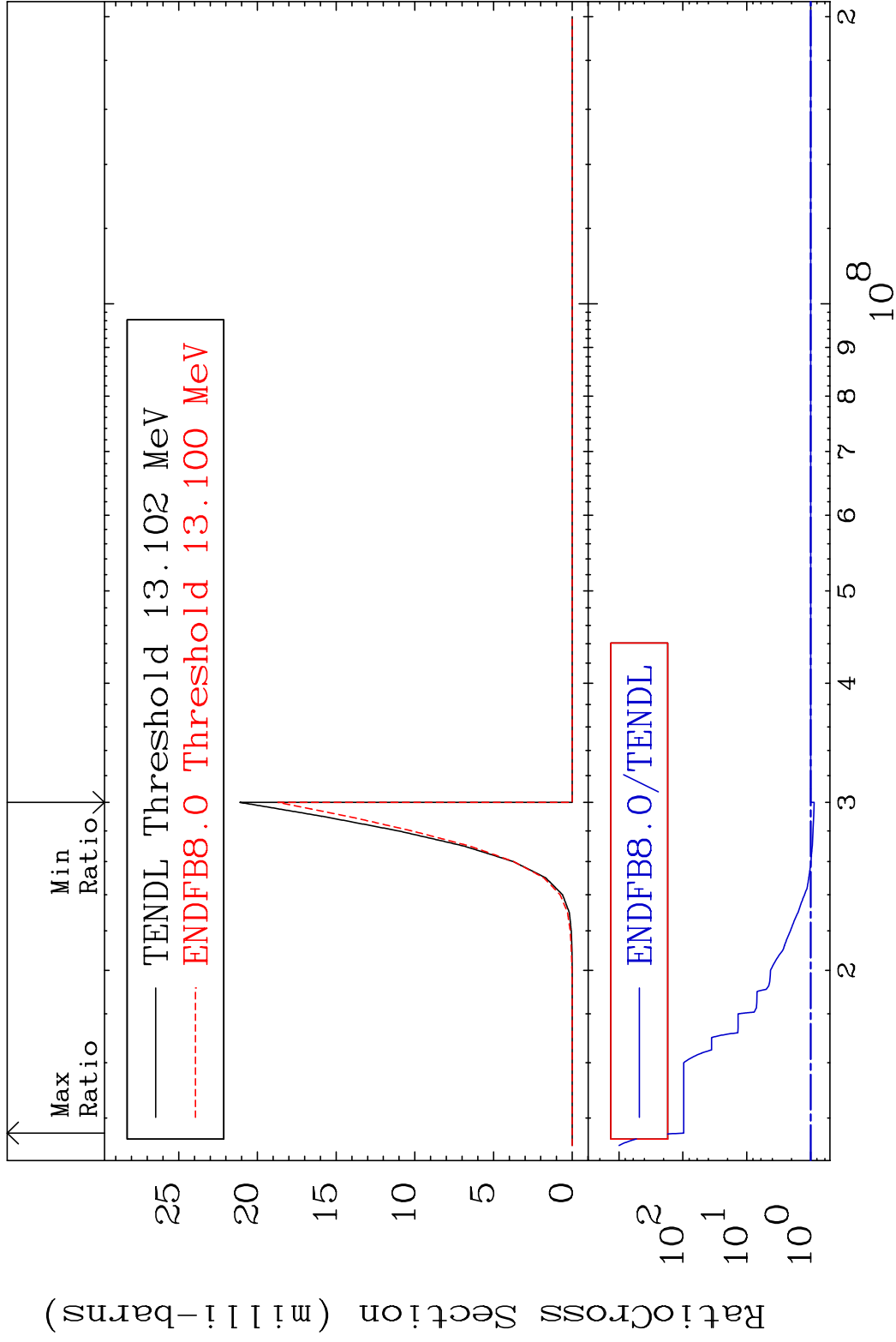
7 Incident Energy (eV) 36-Kr-81



MAT 3634

(n,2n)  $\alpha$  36-Kr-81

Cross Section -11.49 To 9626. %

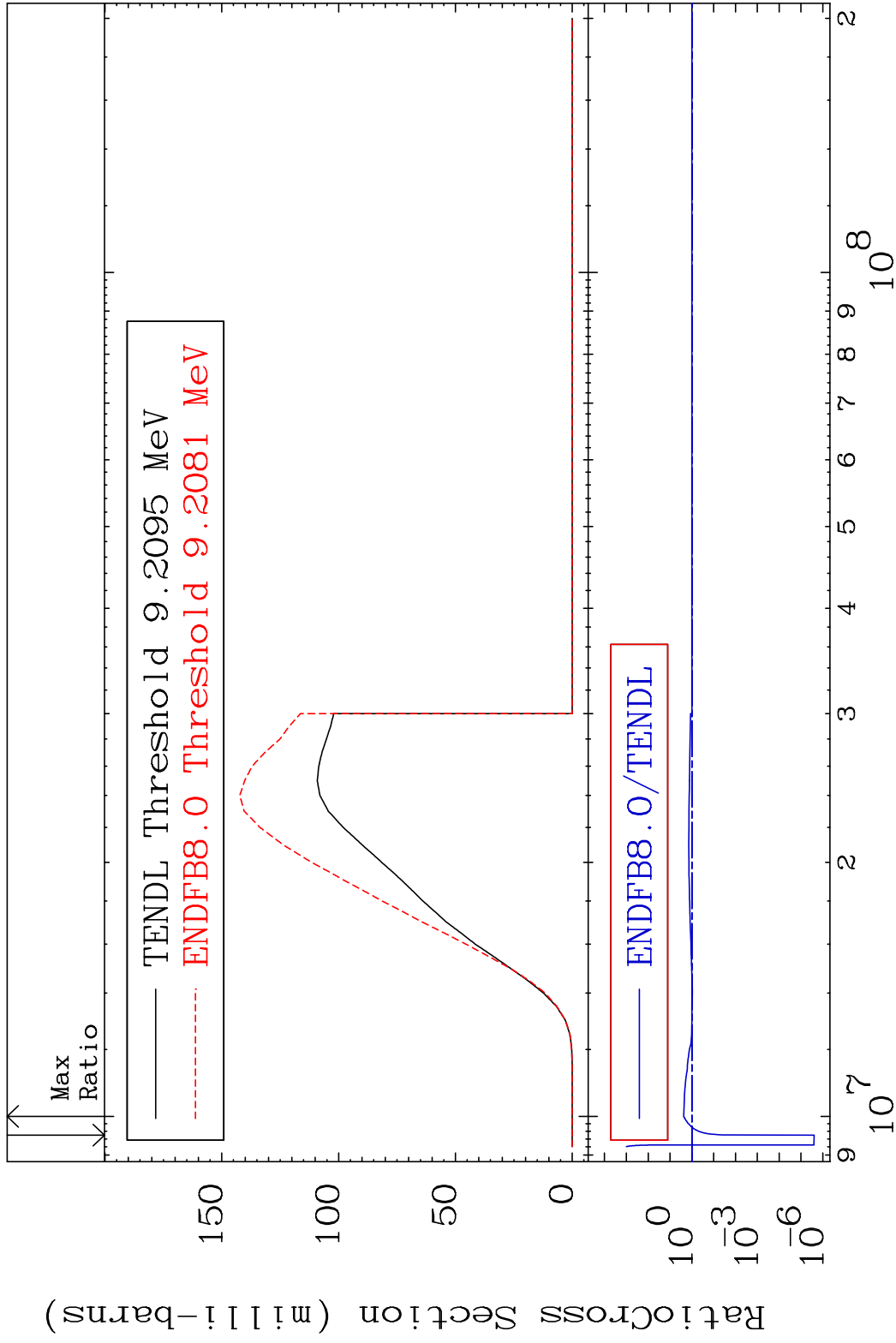


MAT 3634

(n, n') p

36-Kr-81

Cross Section -100.0 To 136.8 %



9

Incident Energy (eV)

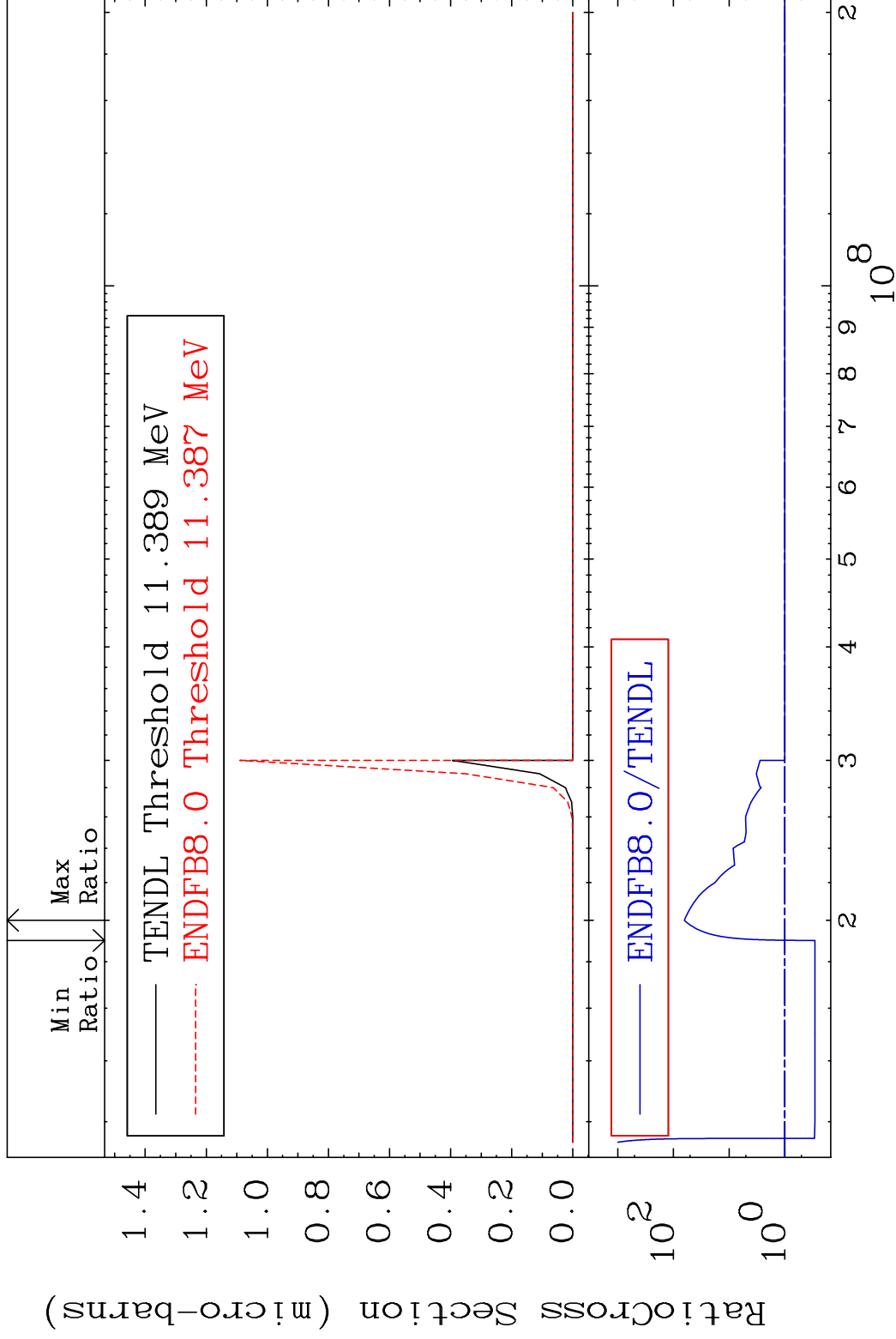
36-Kr-81

MAT 3634

(n, n') 2 $\alpha$

36-Kr-81

Cross Section -71.27 To 6272. %



10

Incident Energy (eV)

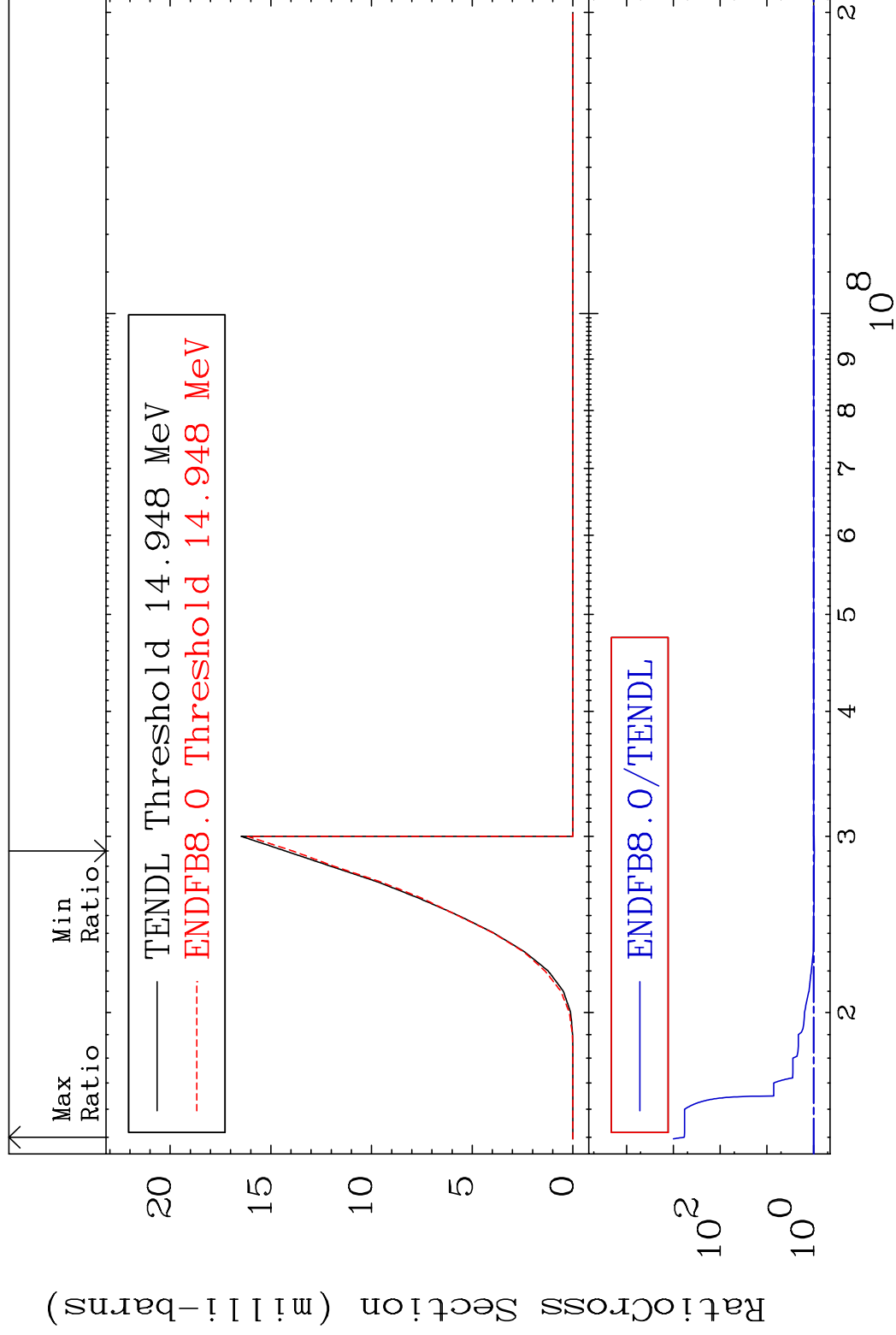
36-Kr-81

MAT 3634

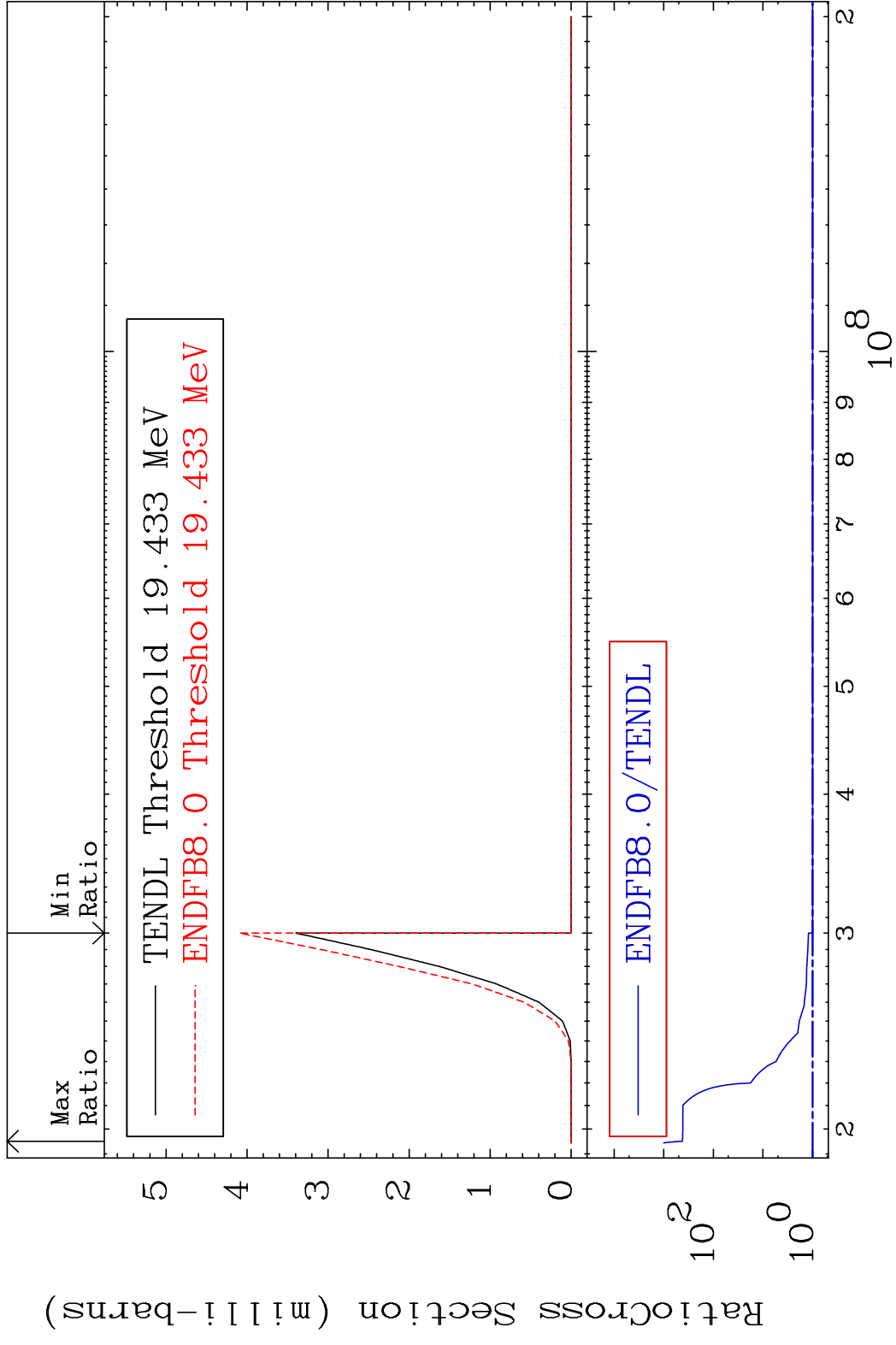
(n, n') d

36-Kr-81

Cross Section -2.544 To 9999. %



MAT 3634 (n, n') t 36-Kr-81  
 Cross Section 0.000 To 9999. %

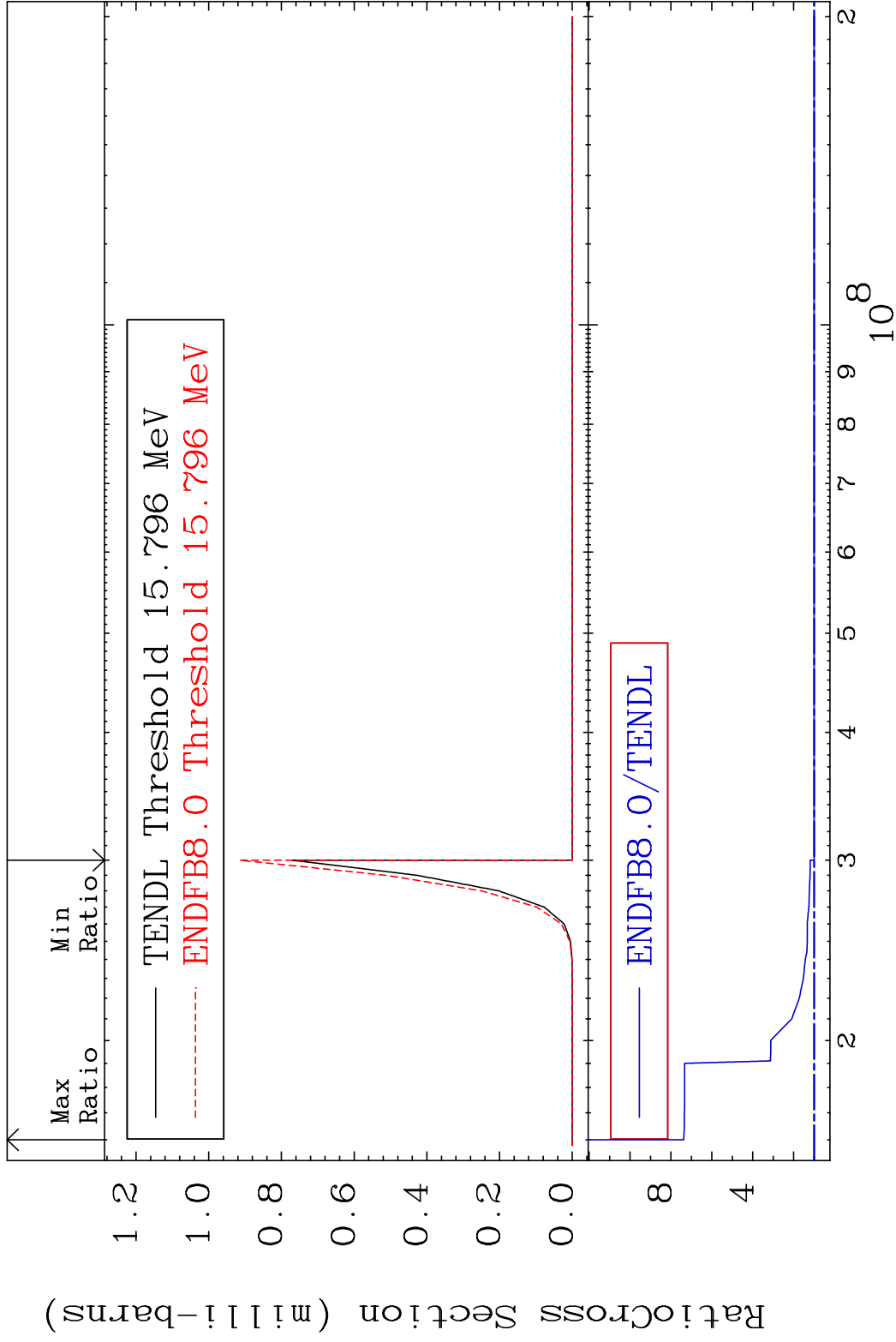


MAT 3634

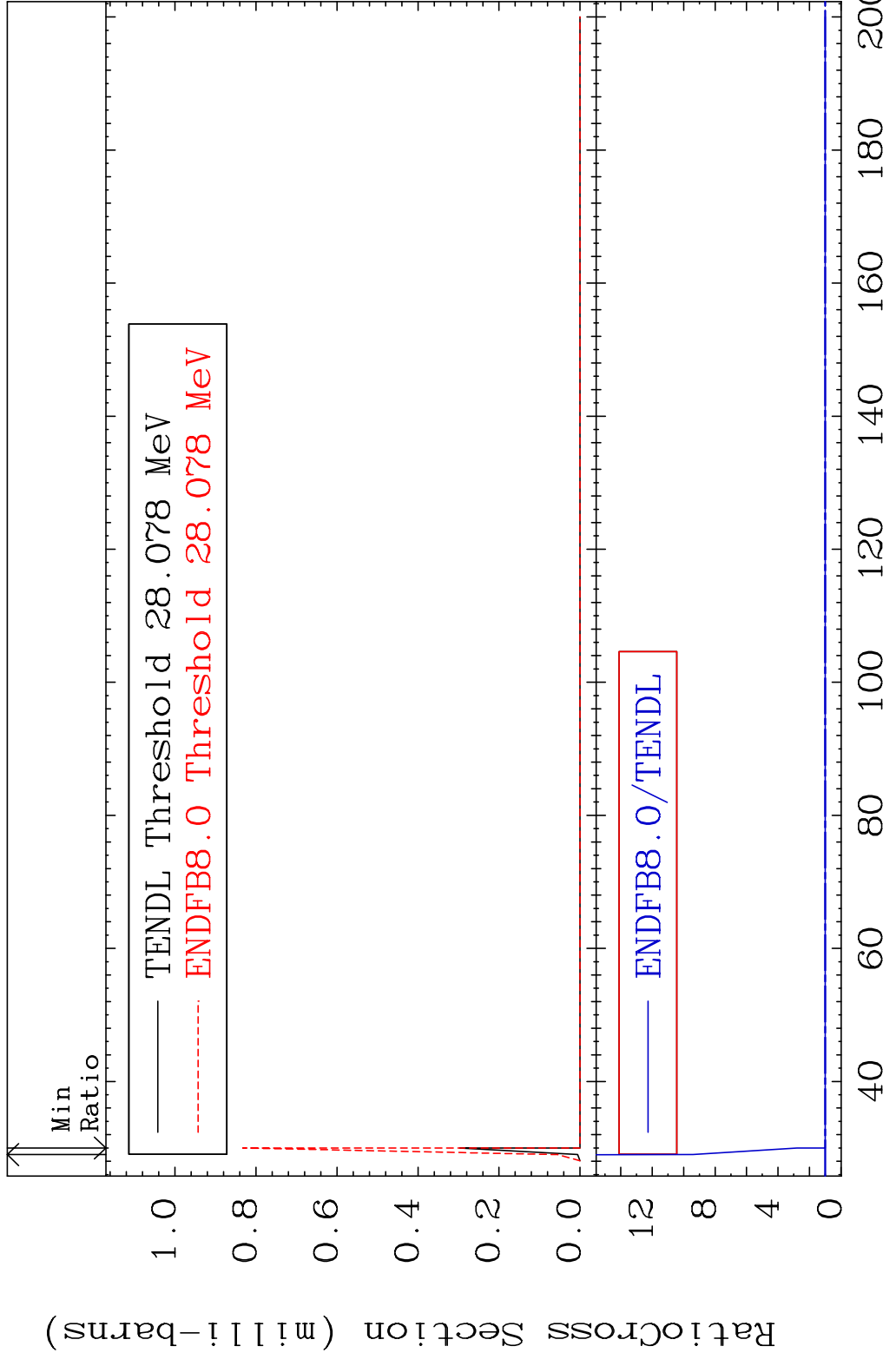
(n,n') He-3

36-Kr-81

Cross Section 0.000 To 637.9 %



MAT 3634 (n,4n) 36-Kr-81  
 Cross Section 0.000 To 841.1 %

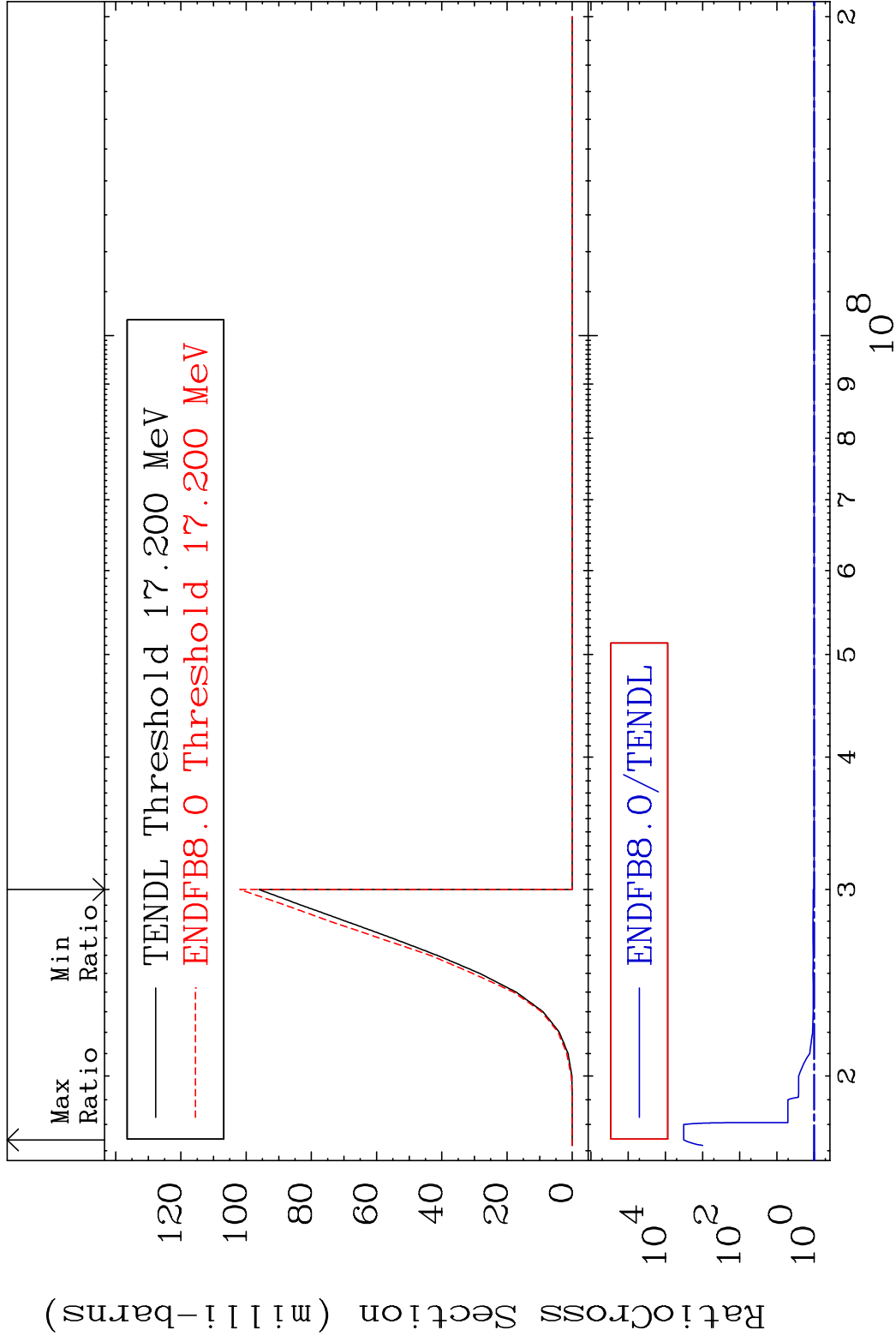


MAT 3634

(n,2n) p

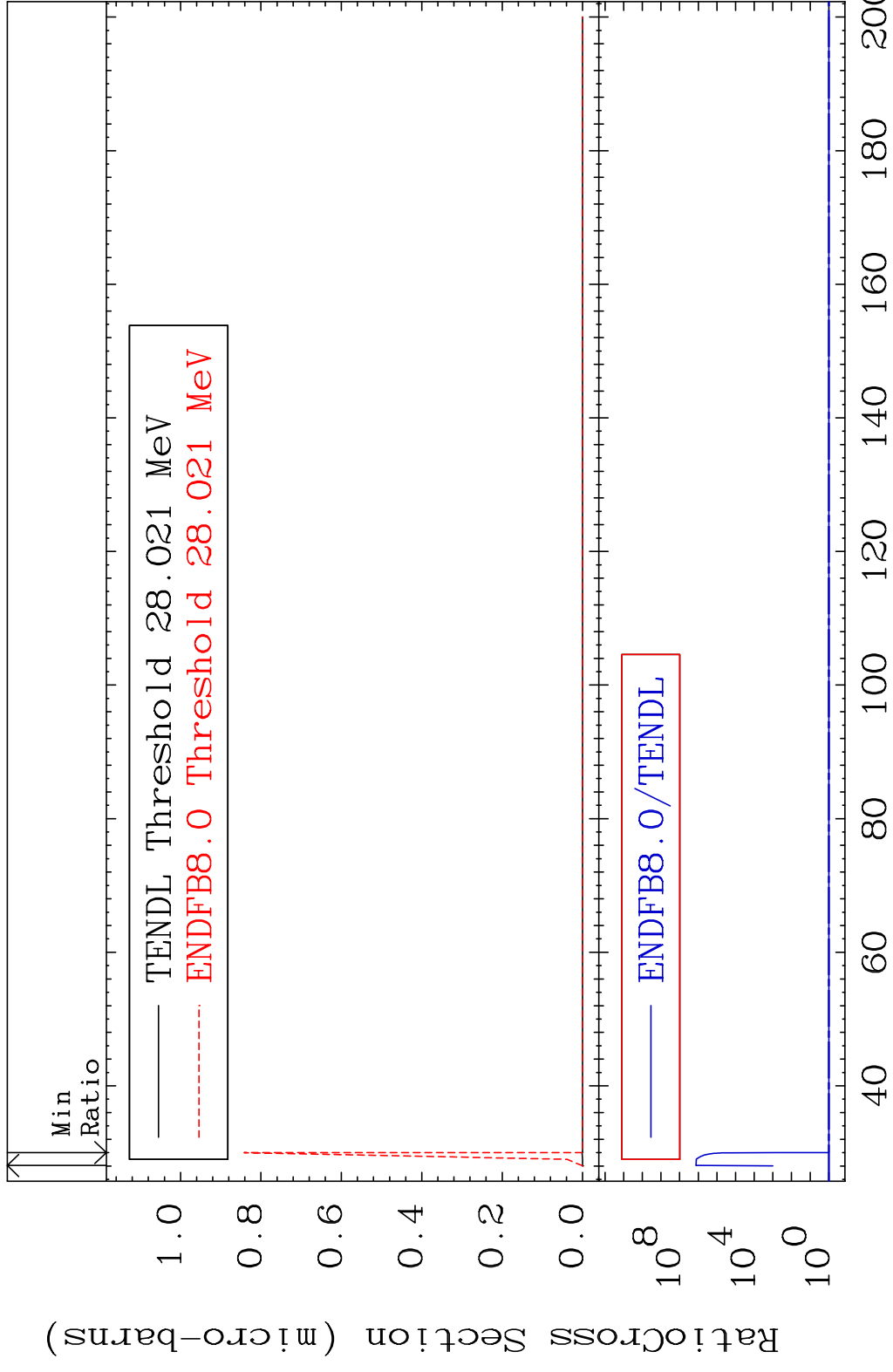
36-Kr-81

Cross Section 0.000 To 9999. %

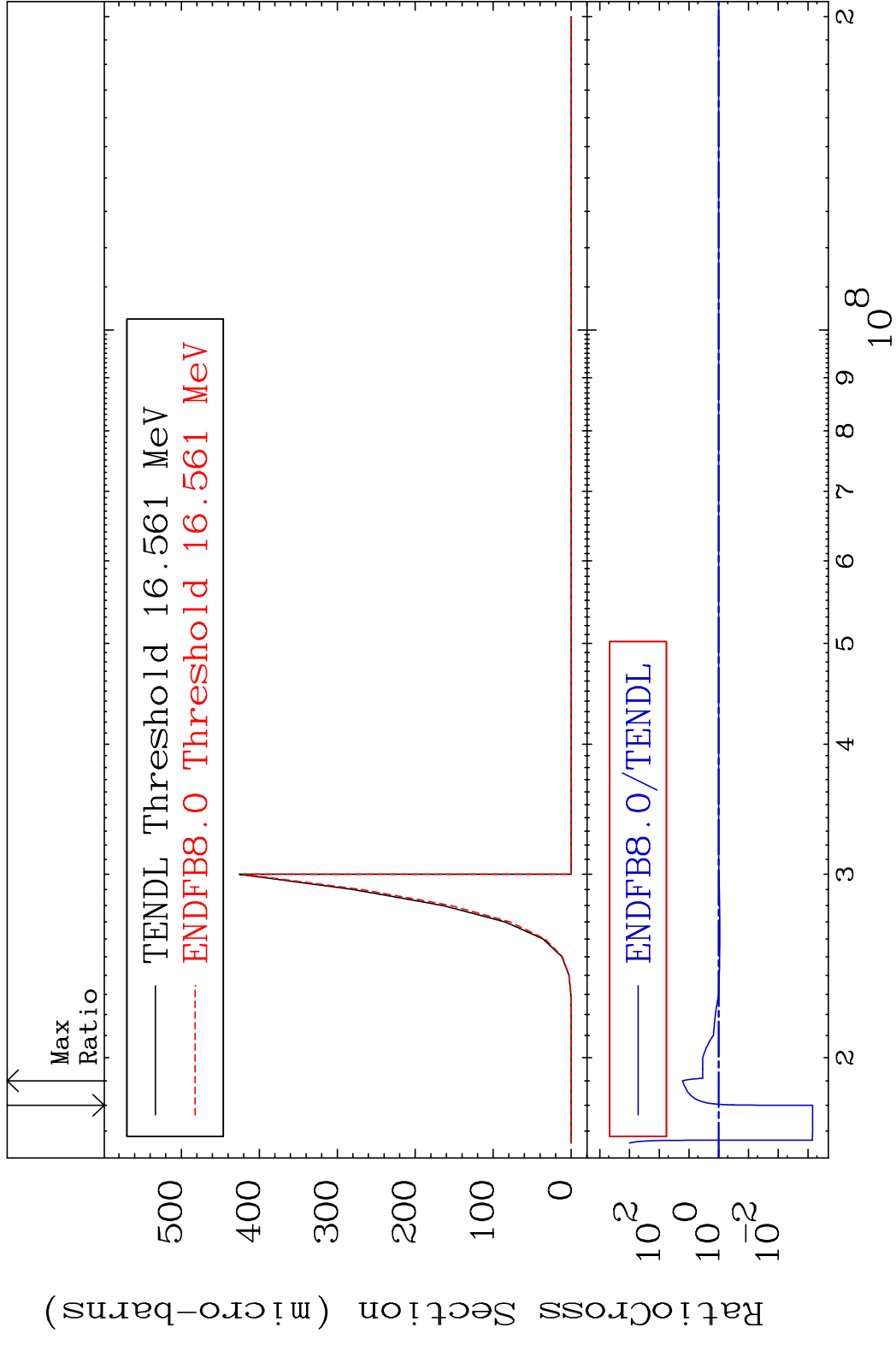




MAT 3634 (n,3n) p 36-Kr-81  
 Cross Section 0.000 To 9999. %



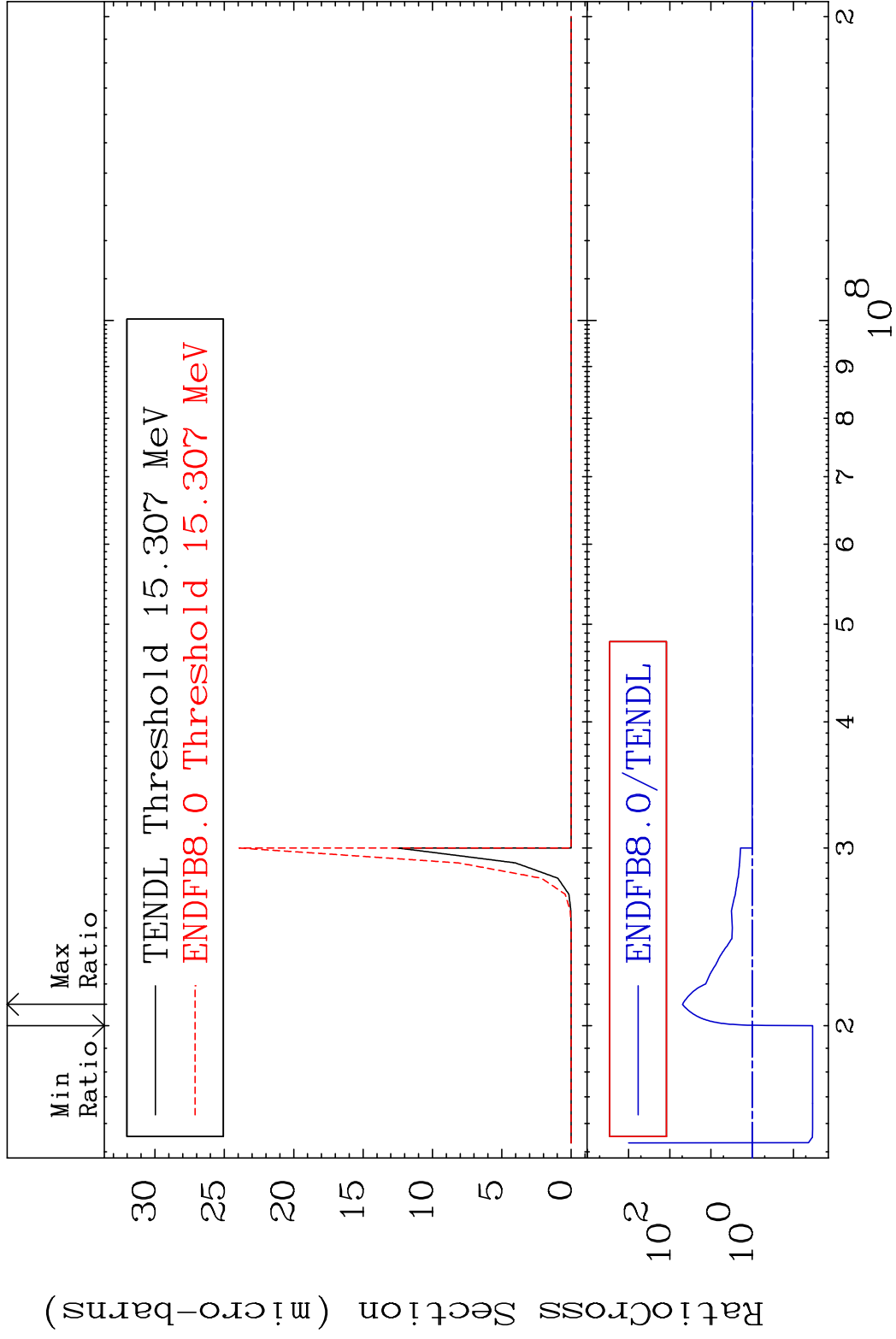
MAT 3634 (n,2n) p 36-Kr-81  
 Cross Section -99.93 To 1574. %



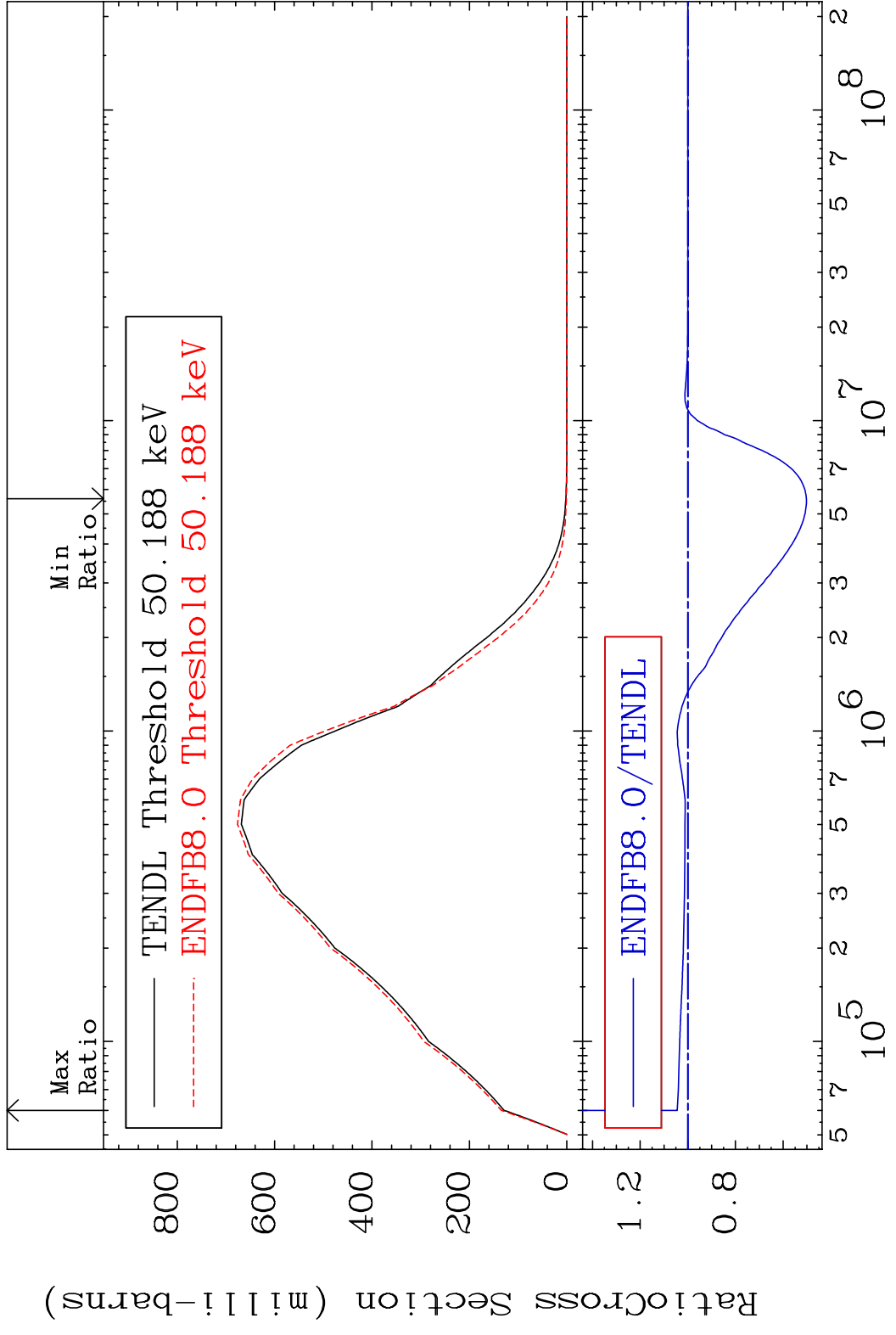
MAT 3634

(n,n') p  $\alpha$  36-Kr-81

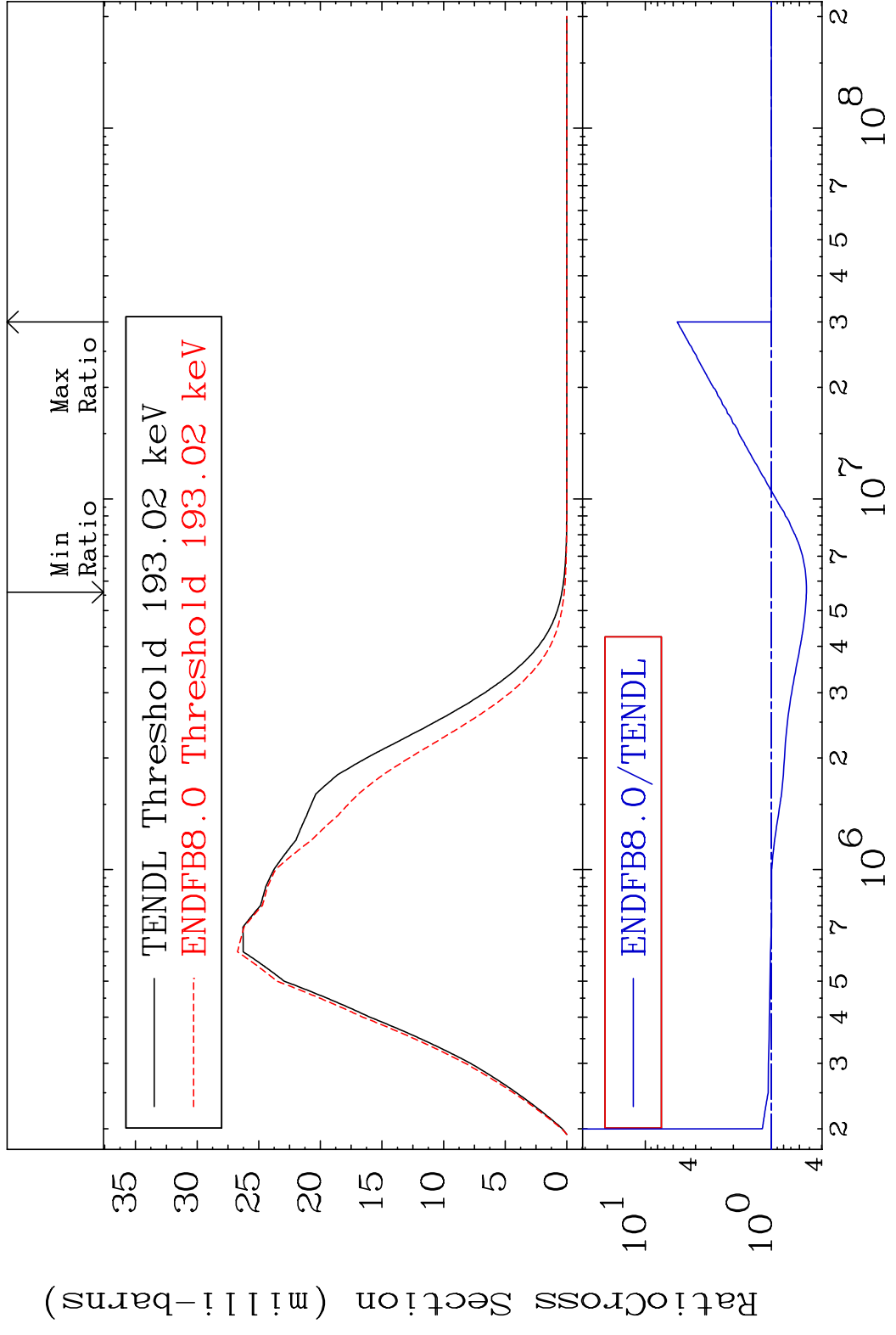
Cross Section -96.56 To 4843. %



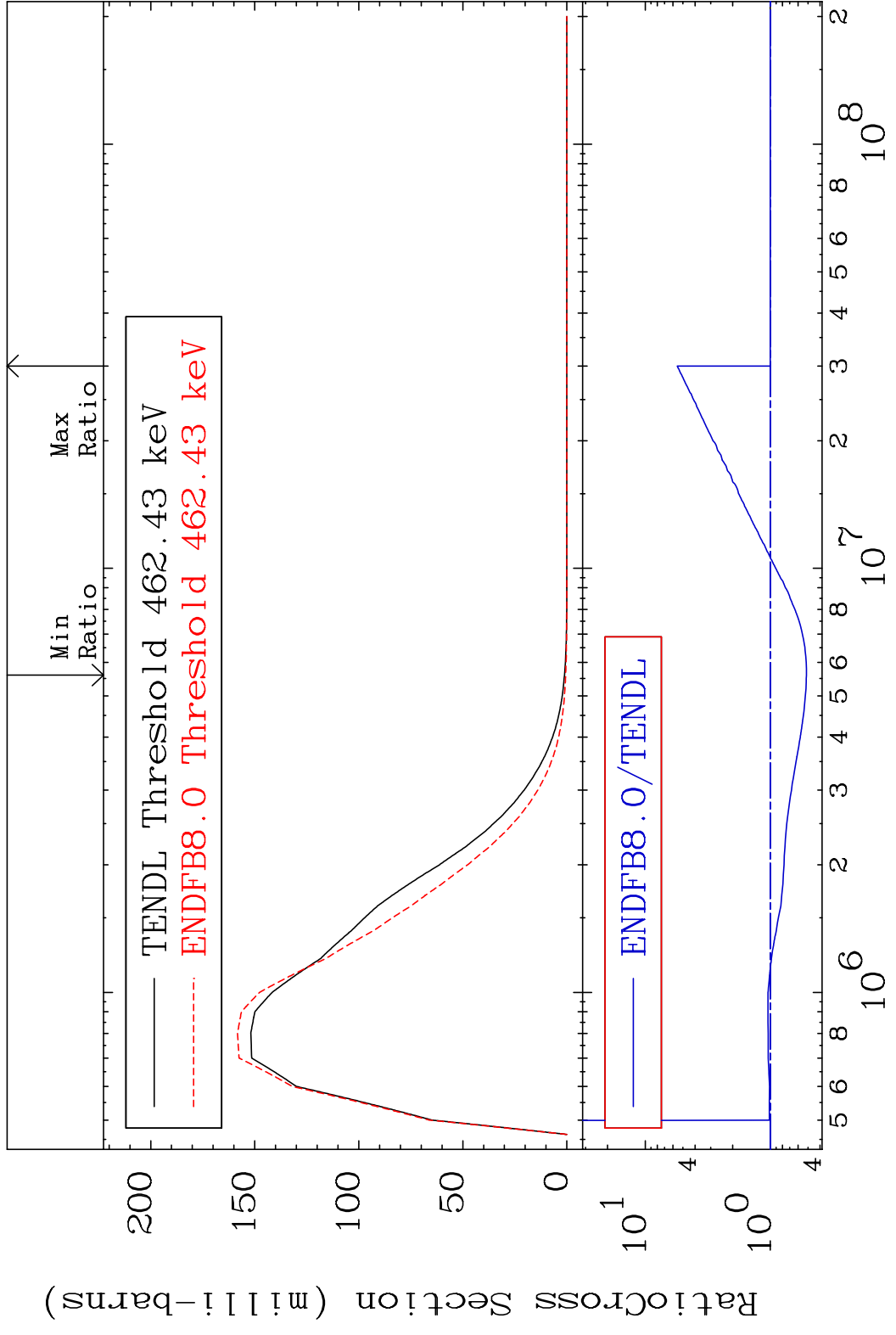
MAT 3634 MT= 51 (n, n') Level 36-Kr-81  
 Cross Section -49.75 To 4.466 %



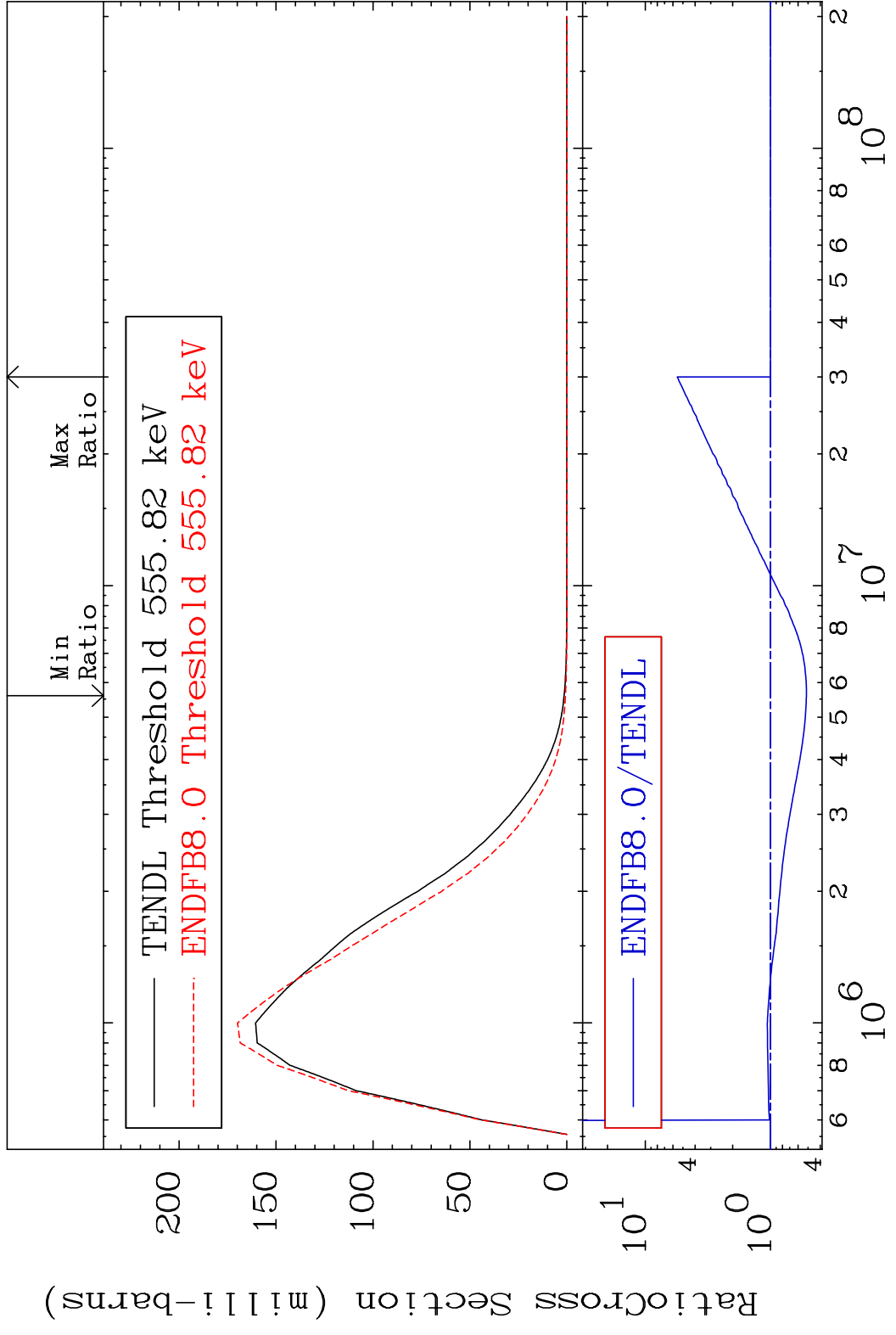
MAT 3634 MT= 52 (n, n') Level 36-Kr-81  
 Cross Section -47.24 To 458.4 %



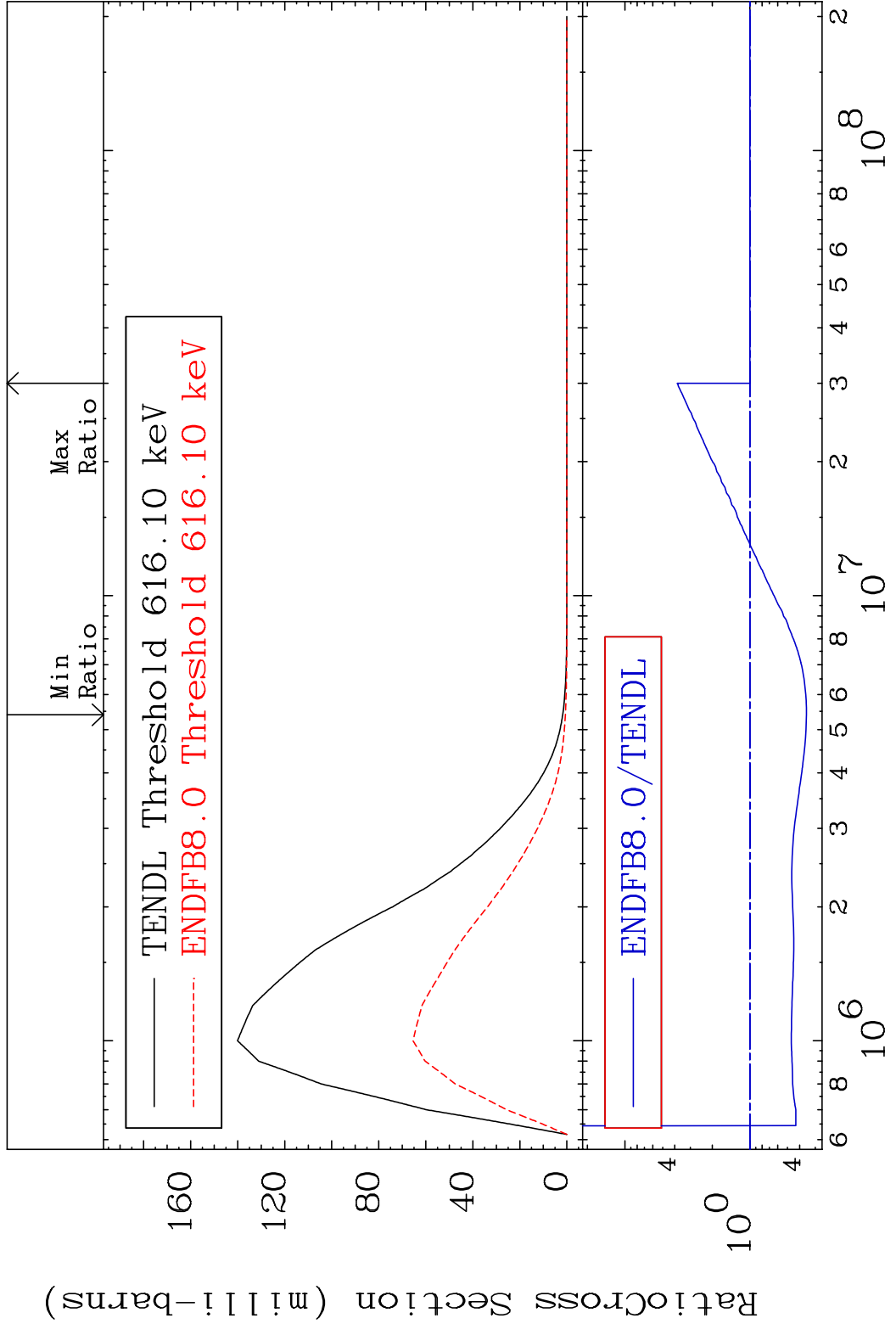
MAT 3634 MT= 53 (n, n') Level 36-Kr-81  
 Cross Section -48.50 To 455.3 %



MAT 3634 MT= 54 (n,n') Level 36-Kr-81  
 Cross Section -48.41 To 455.4 %



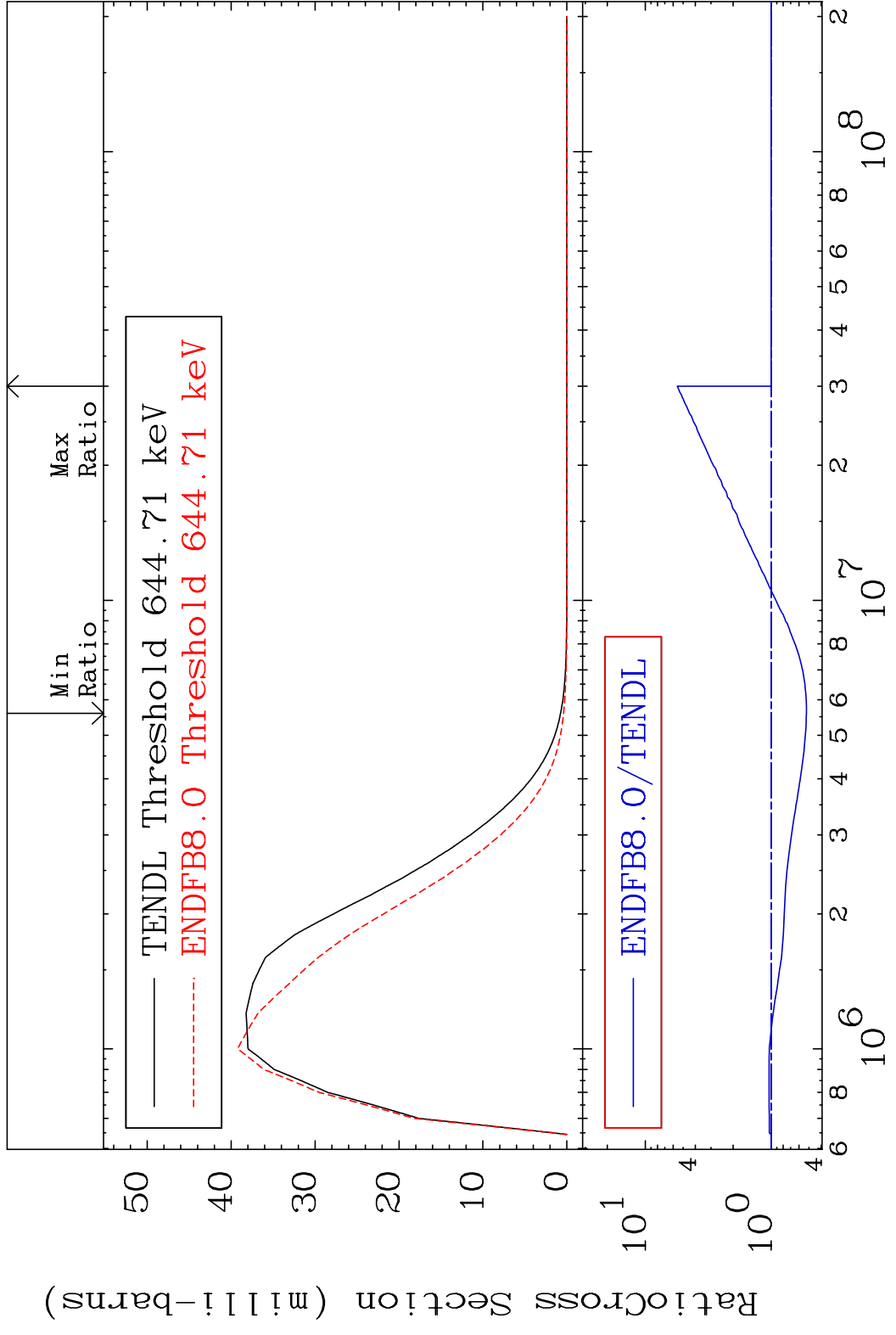
MAT 3634 MT= 55 (n, n') Level 36-Kr-81  
 Cross Section -64.70 To 282.4 %



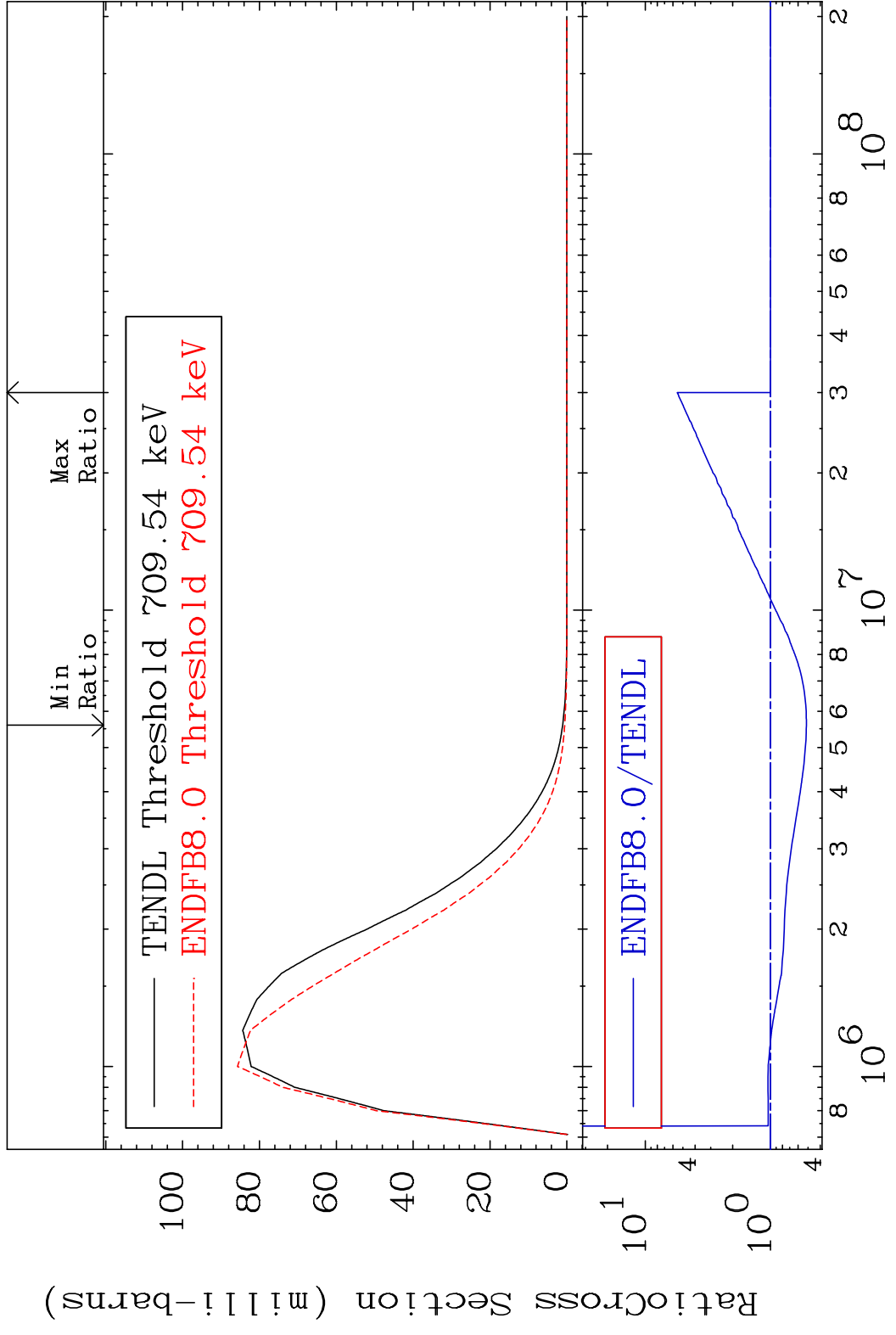
23 Incident Energy (eV) 36-Kr-81



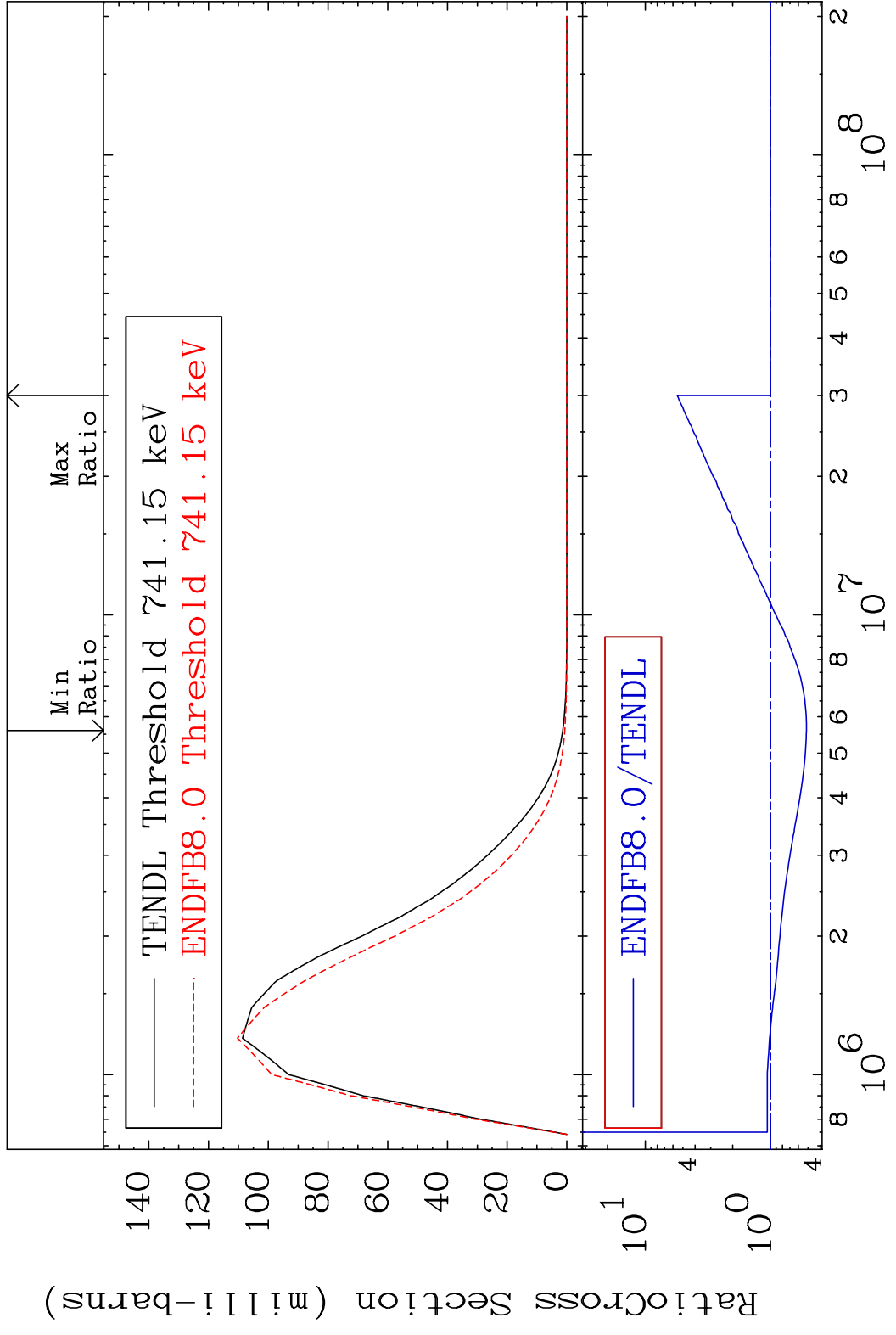
MAT 3634 MT= 56 (n, n') Level 36-Kr-81  
 Cross Section -47.66 To 457.4 %



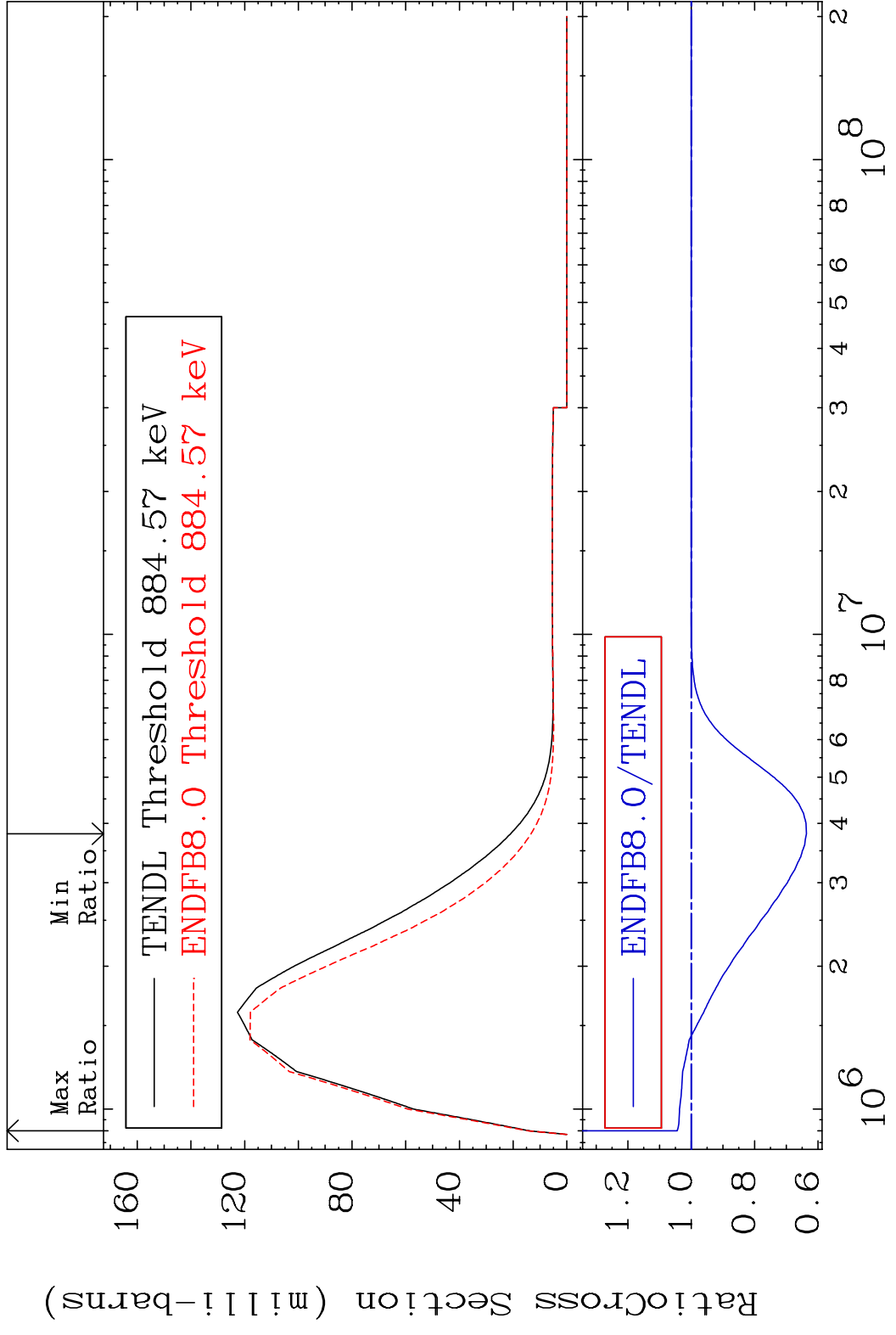
MAT 3634 MT= 57 (n, n') Level 36-Kr-81  
Cross Section -48.45 To 455.4 %



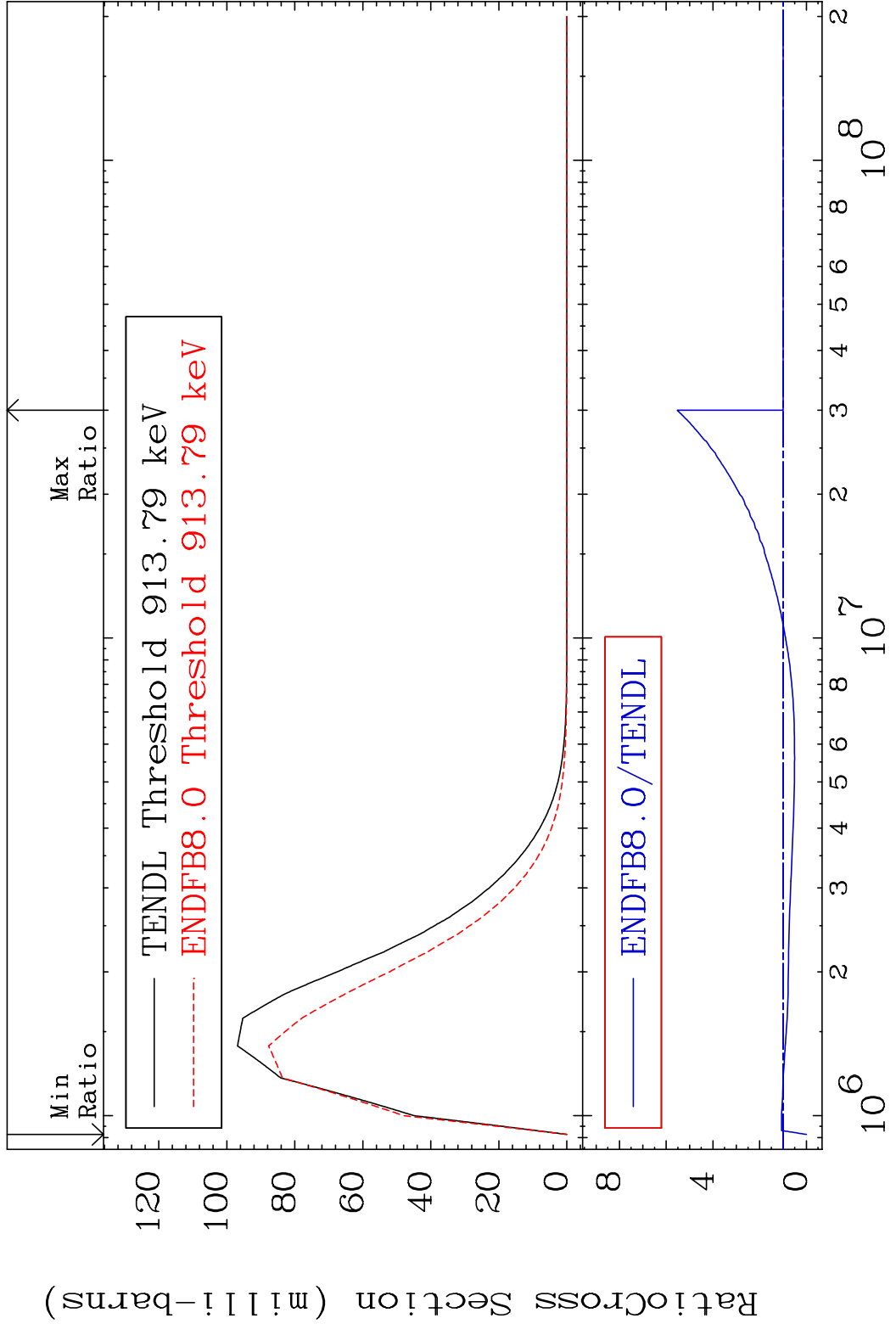
MAT 3634 MT= 58 (n, n') Level 36-Kr-81  
 Cross Section -48.39 To 455.5 %



MAT 3634 MT= 59 (n, n') Level 36-Kr-81  
 Cross Section -36.32 To 4.448 %

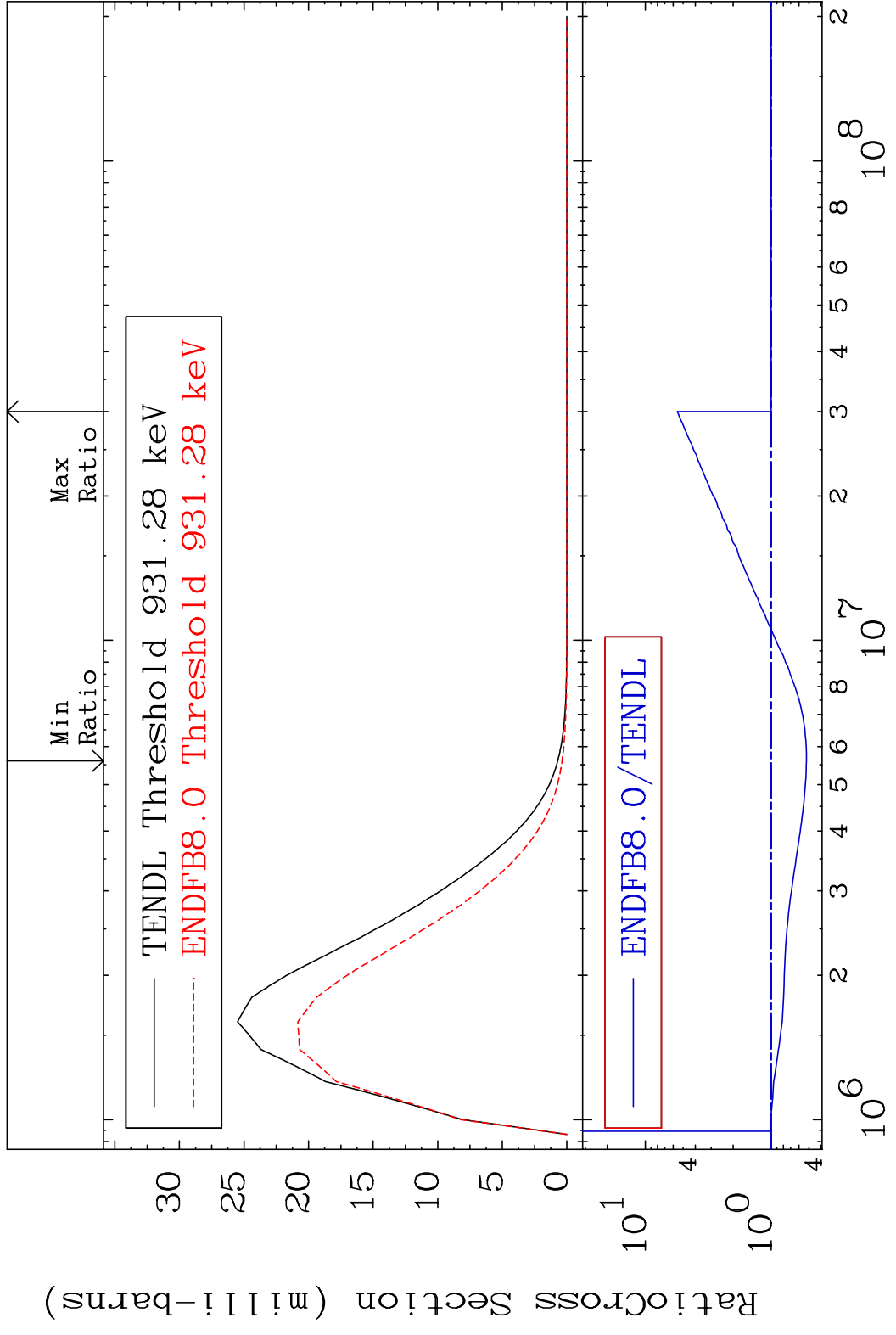


MAT 3634 MT= 60 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 453.0 %

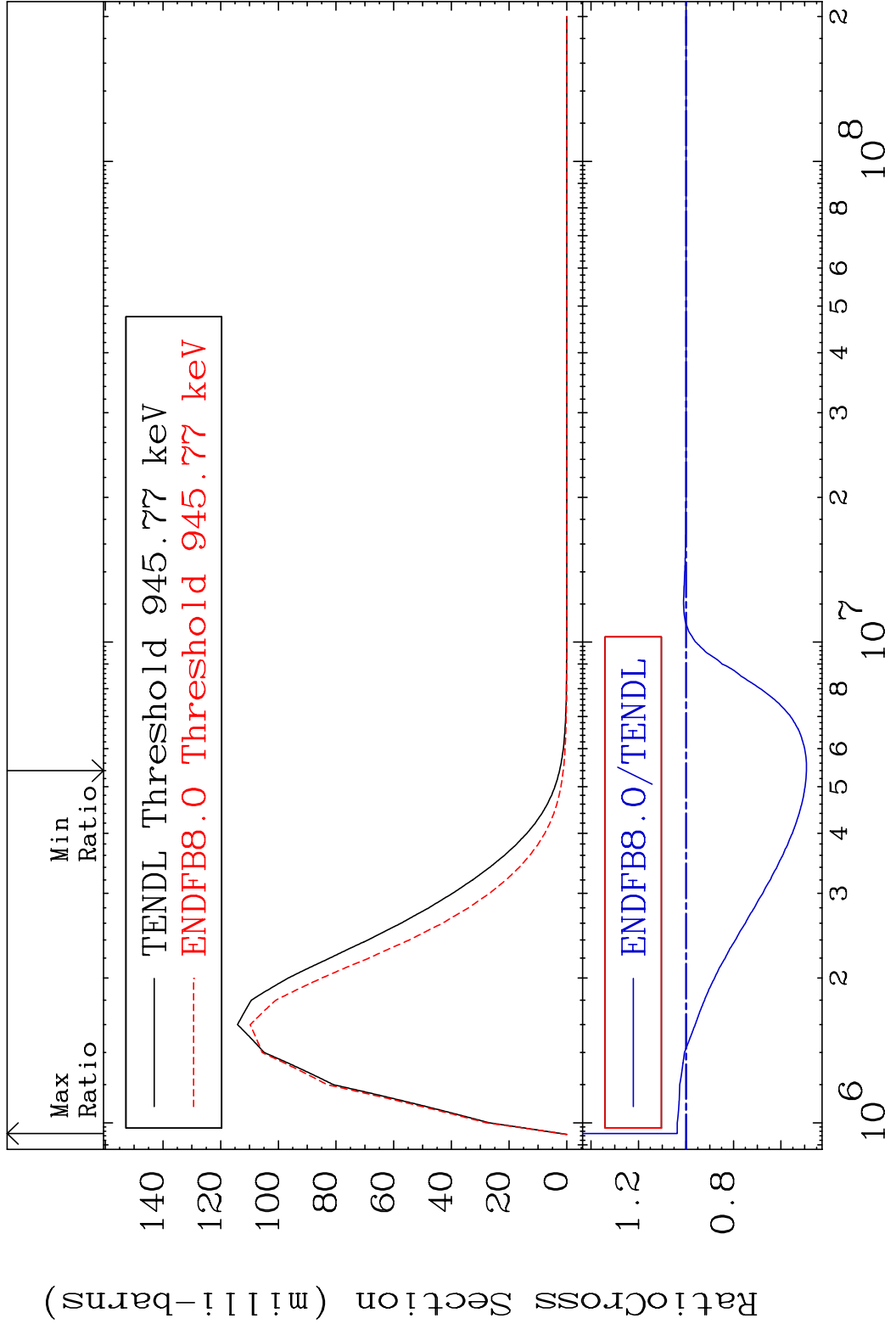


28 36-Kr-81

MAT 3634 MT= 61 (n, n') Level 36-Kr-81  
 Cross Section -47.59 To 457.6 %

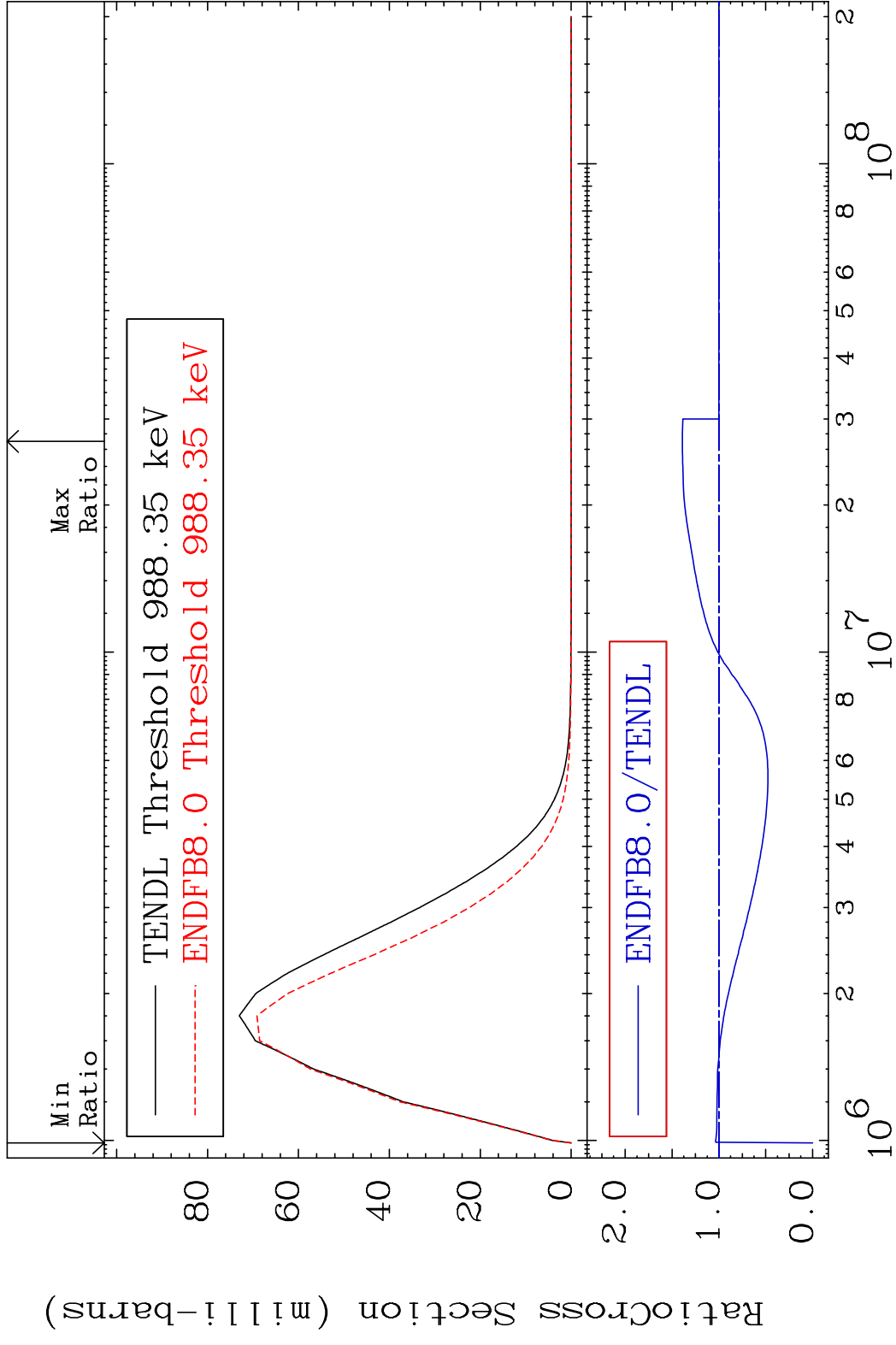


MAT 3634 MT= 62 (n,n') Level 36-Kr-81  
 Cross Section -50.70 To 3.703 %



30 Incident Energy (eV) 36-Kr-81

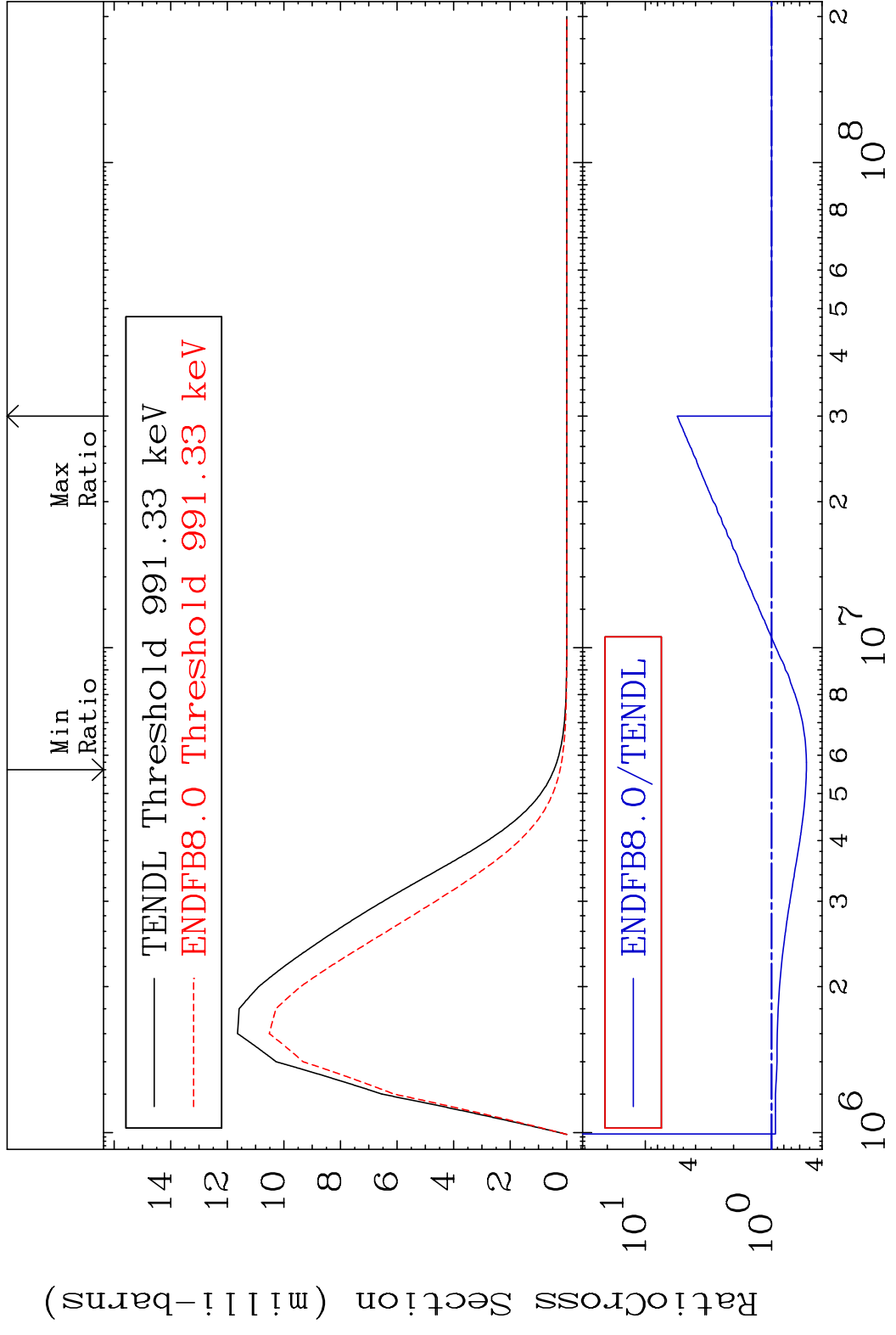
MAT 3634 MT= 63 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 39.02 %



31 Incident Energy (eV) 36-Kr-81

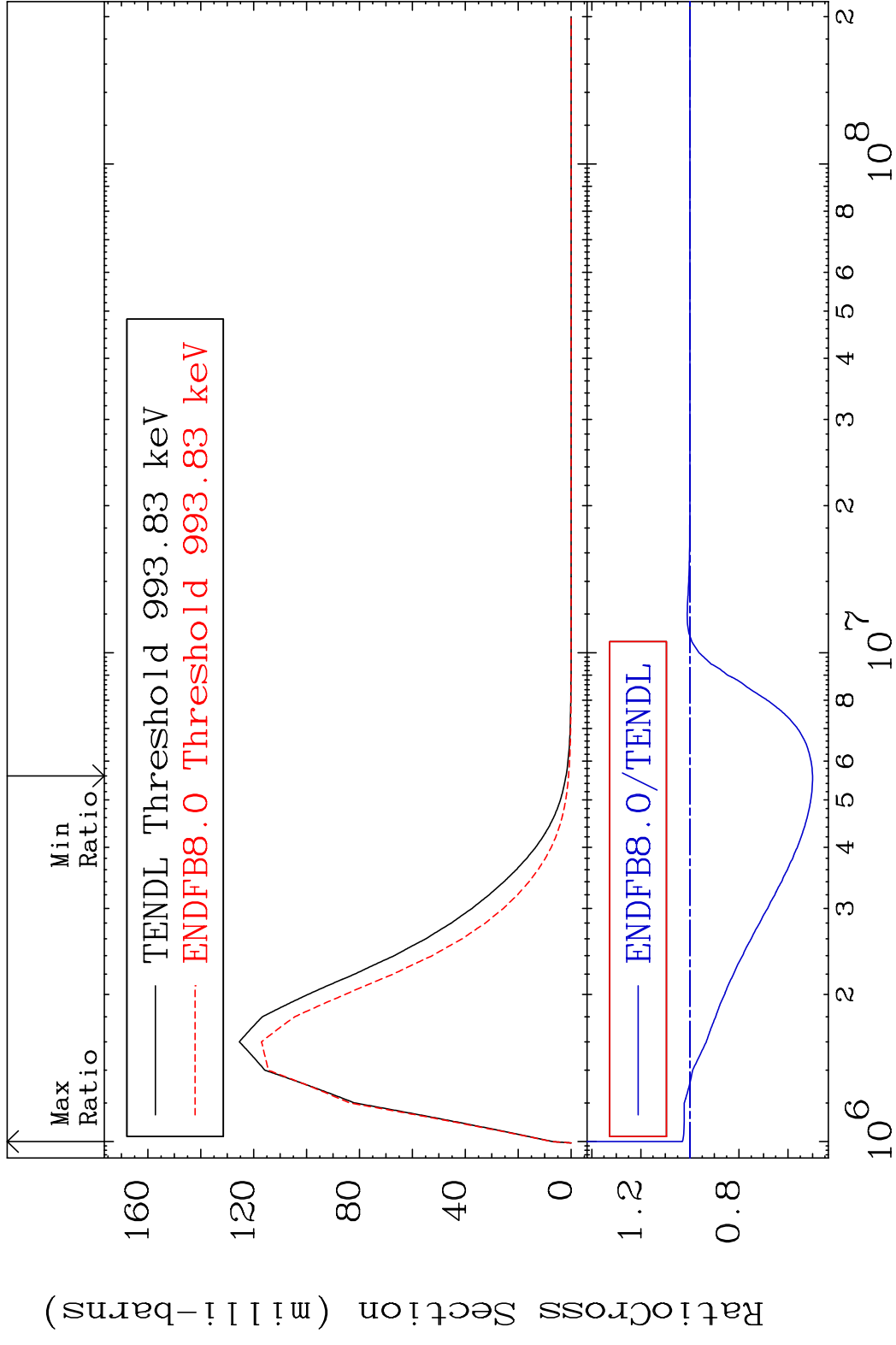


MAT 3634 MT= 64 (n, n') Level 36-Kr-81  
 Cross Section -46.96 To 458.9 %

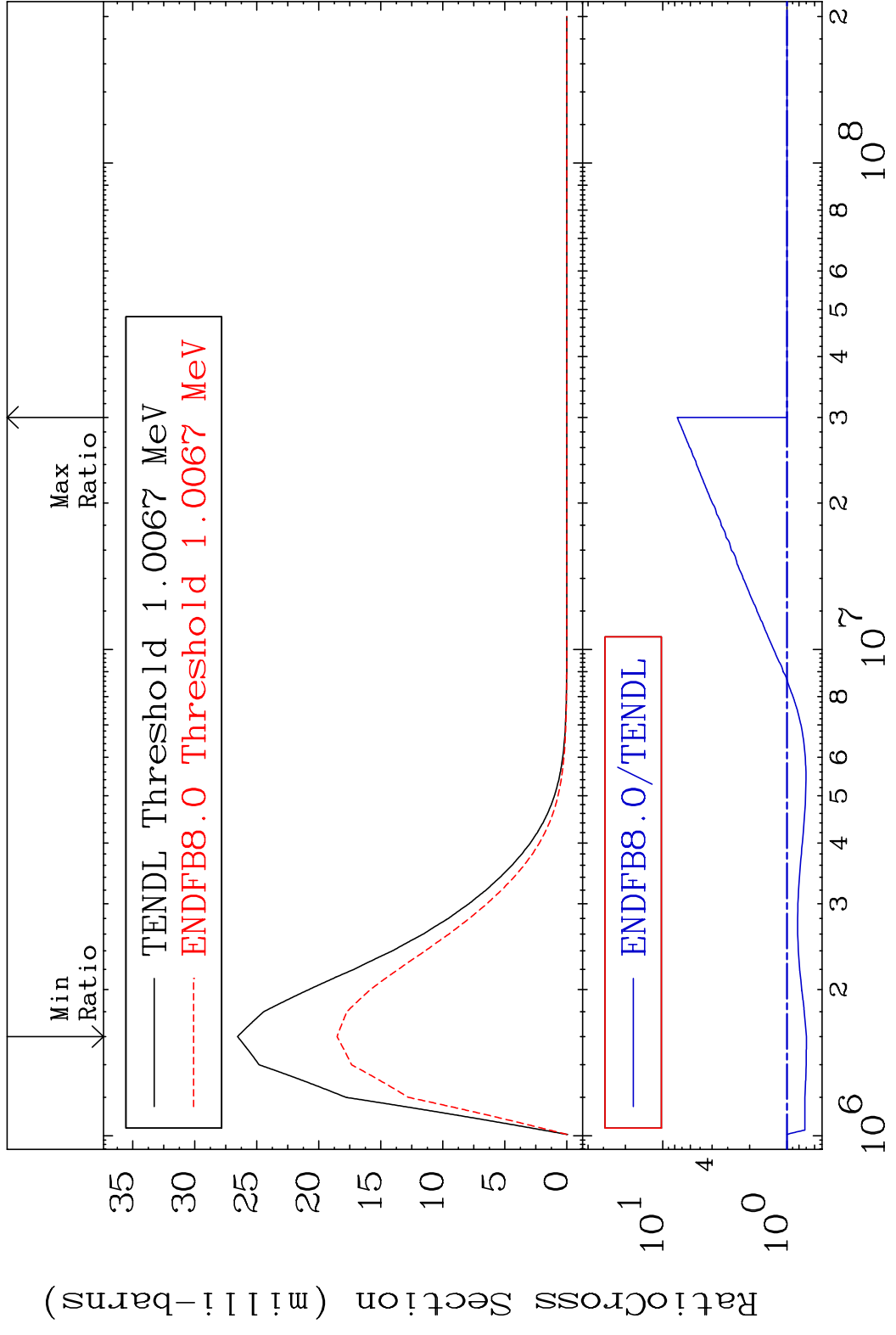


32 Incident Energy (eV) 36-Kr-81

MAT 3634 MT= 65 (n,n') Level 36-Kr-81  
Cross Section -50.00 To 3.069 %

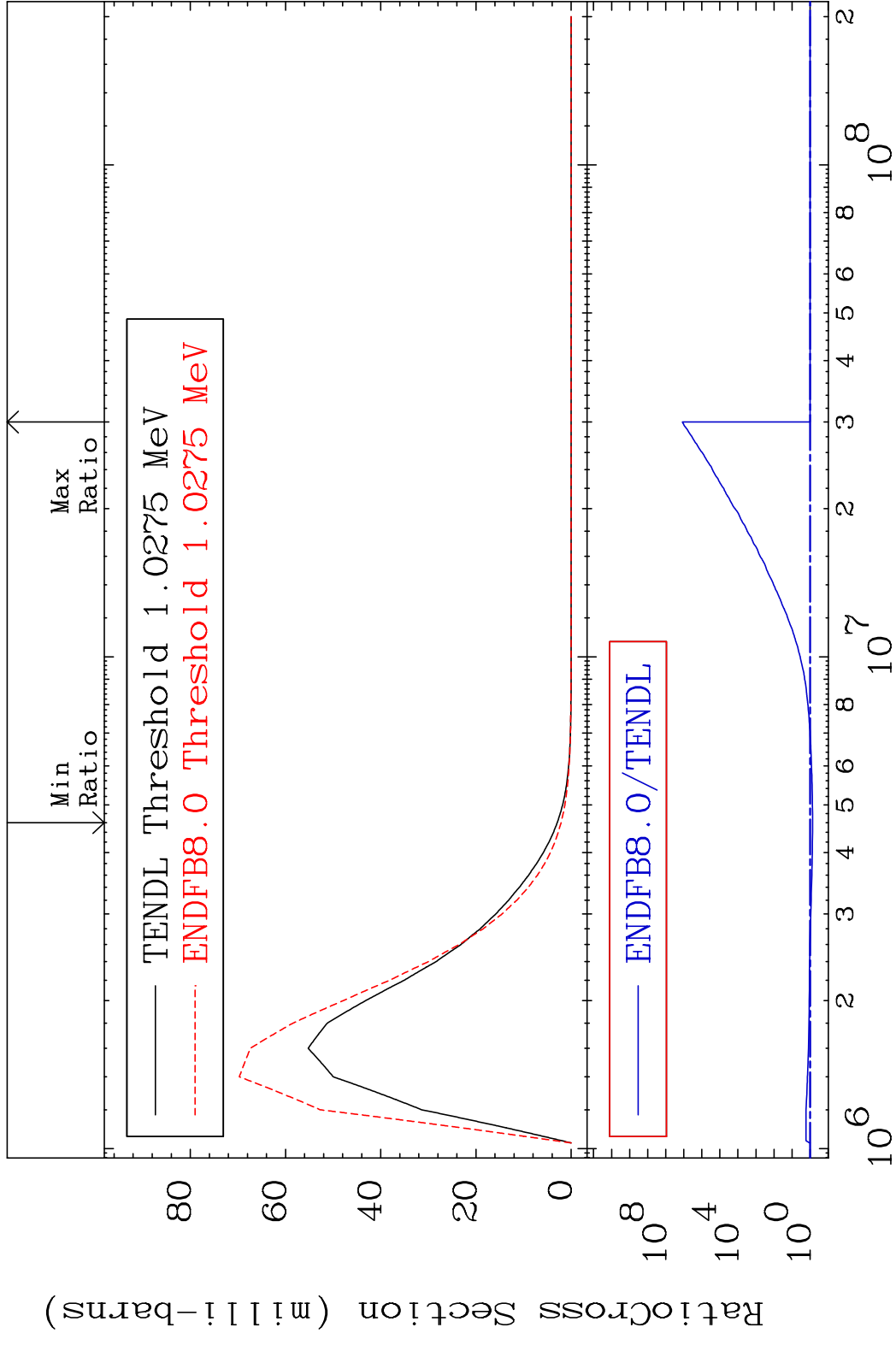


MAT 3634 MT= 66 (n, n') Level 36-Kr-81  
 Cross Section -30.22 To 665.2 %



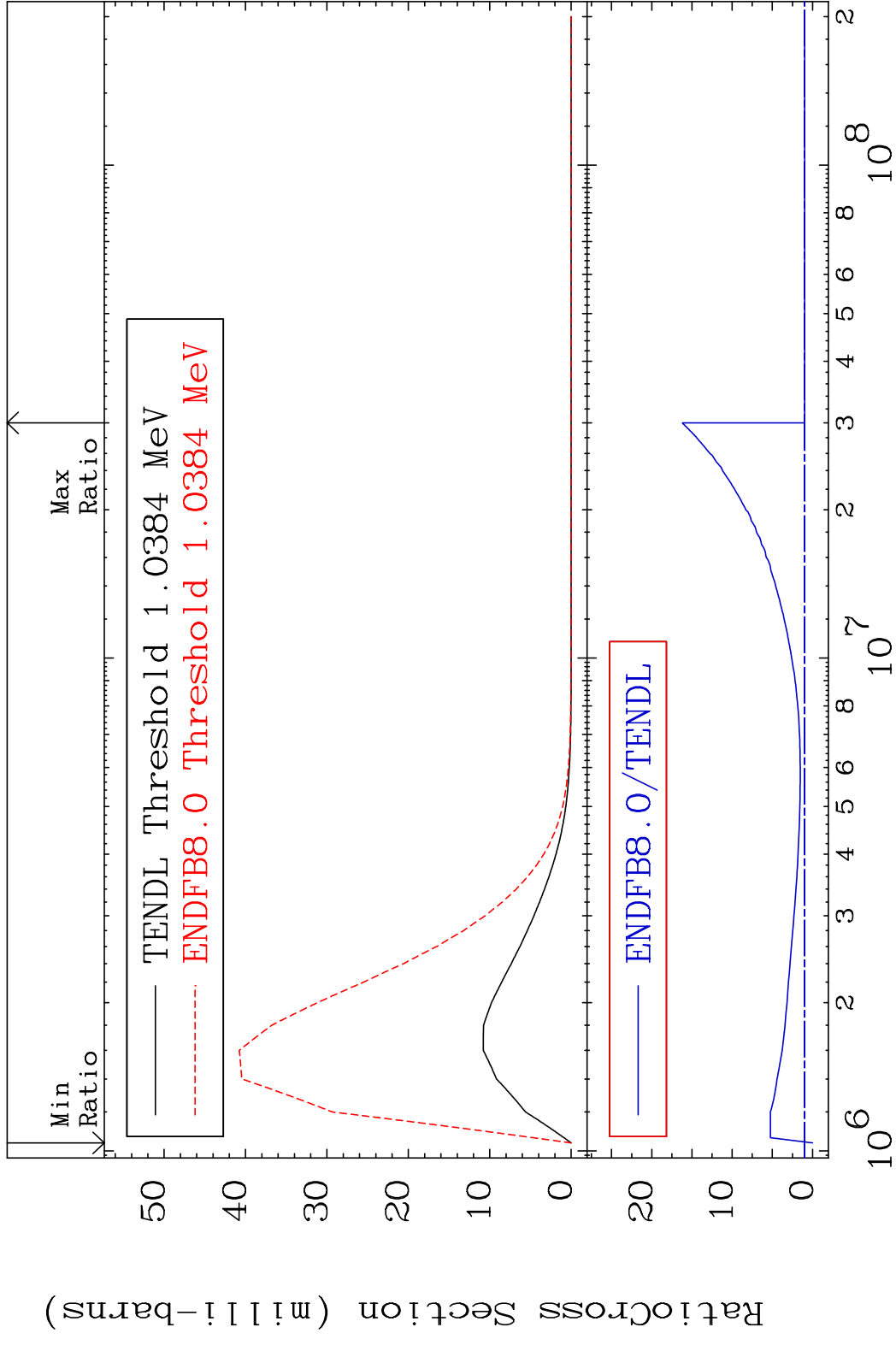
34 Incident Energy (eV) 36-Kr-81

MAT 3634 MT= 67 (n, n') Level 36-Kr-81  
 Cross Section -27.20 To 9999. %



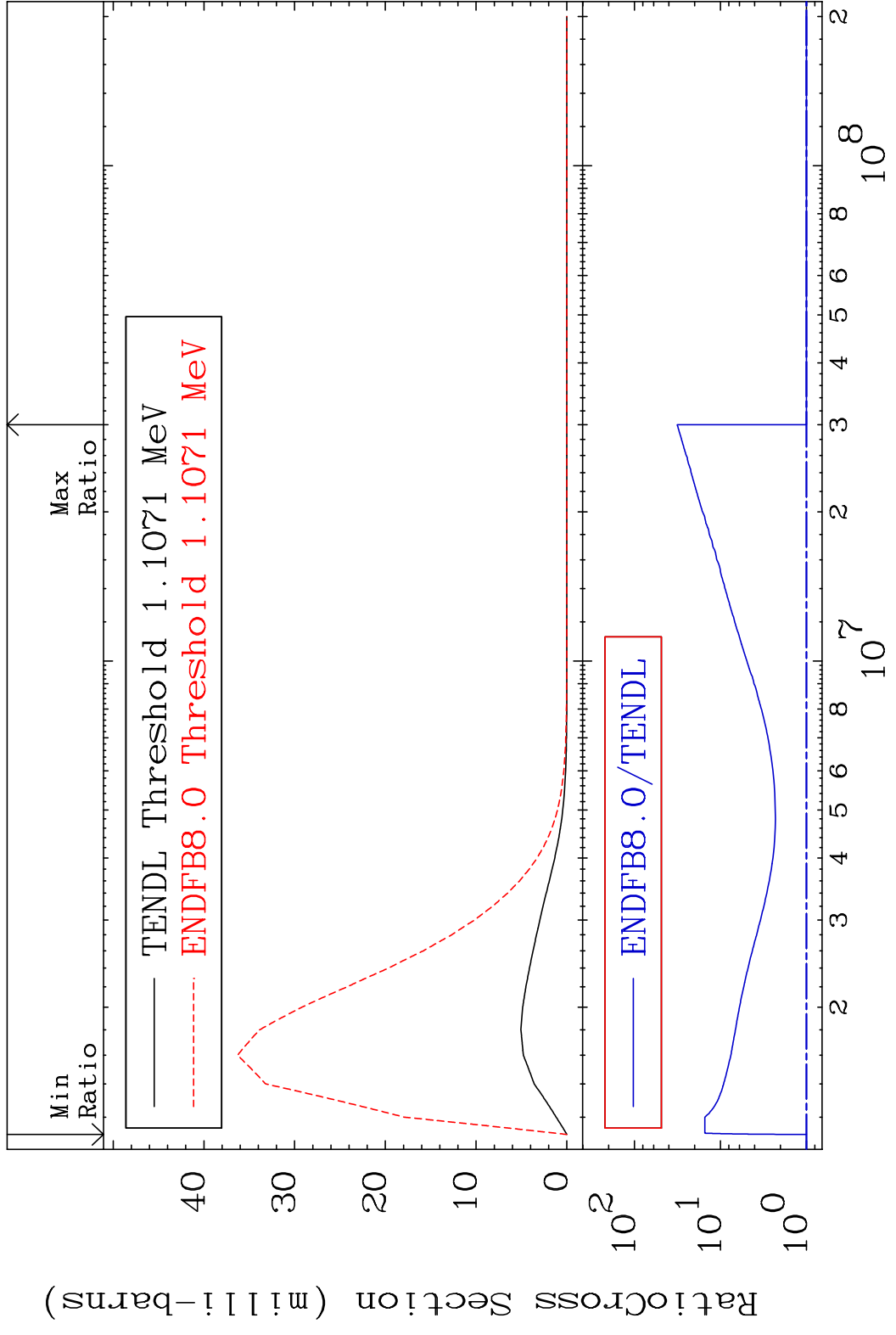
35 Incident Energy (eV) 36-Kr-81

MAT 3634 MT= 68 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 1519. %

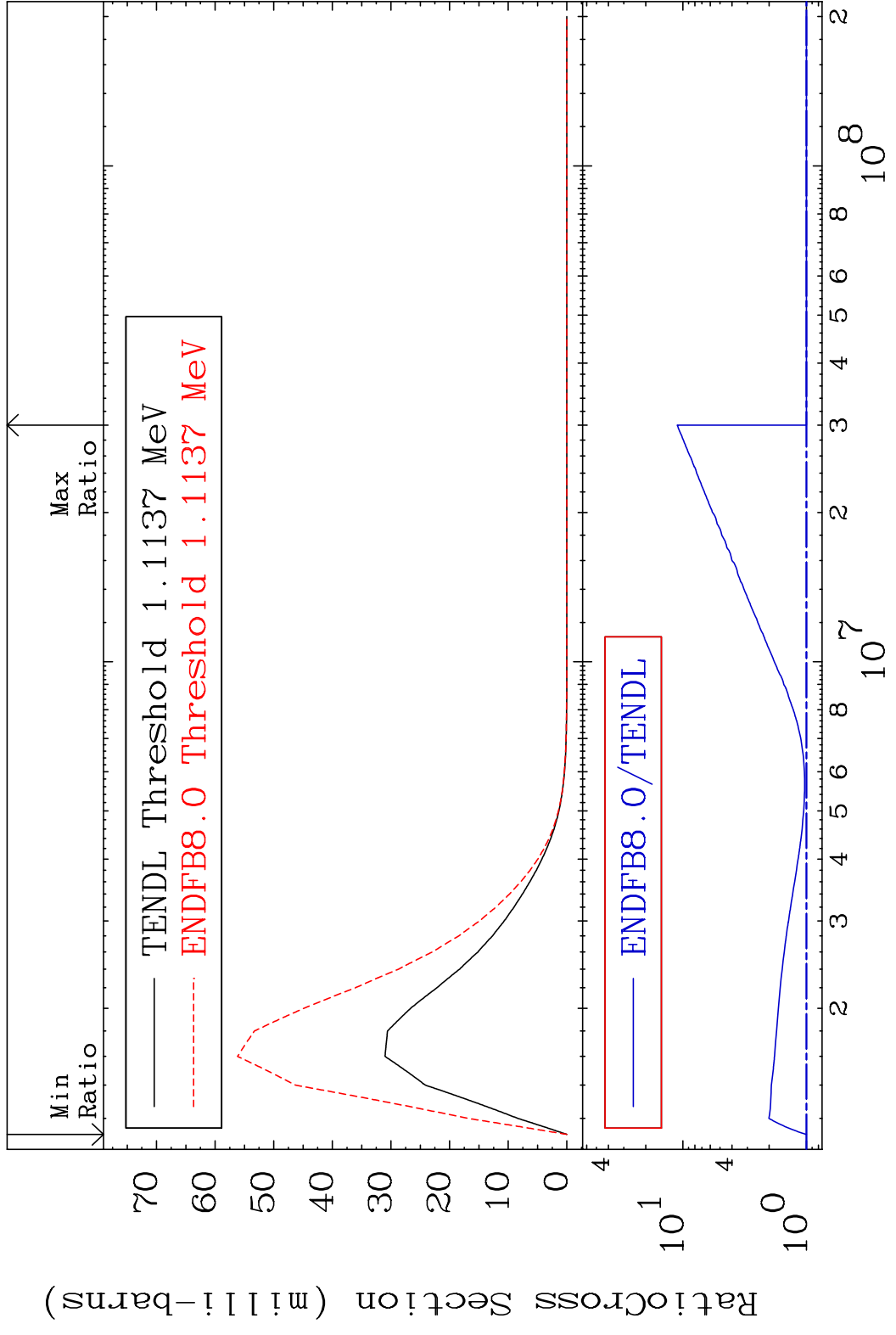


36 Incident Energy (eV) 36-Kr-81

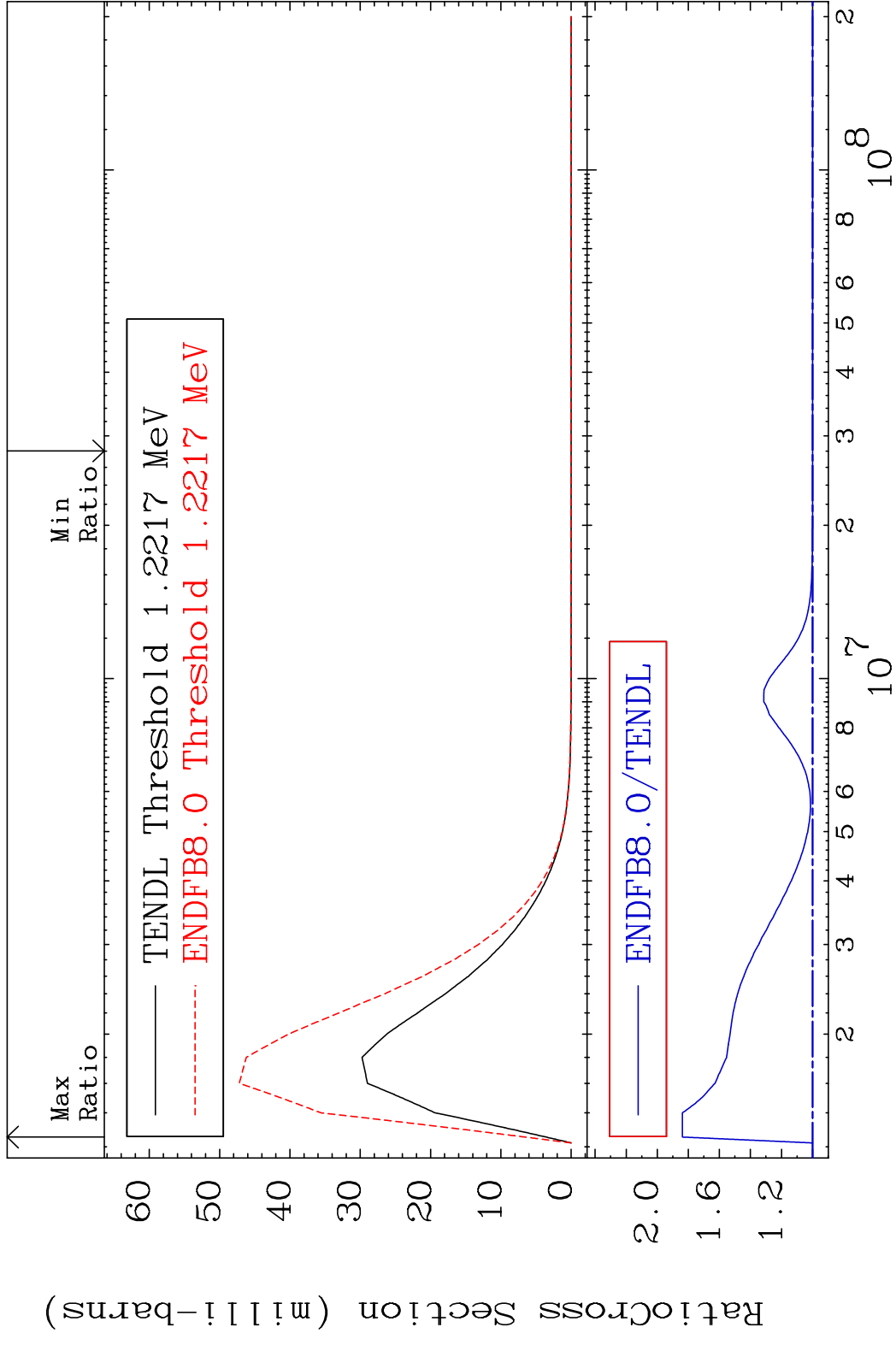
MAT 3634 MT= 69 (n, n') Level 36-Kr-81  
 Cross Section 0.000 To 3090. %



MAT 3634      MT= 70 (n, n') Level      36-Kr-81  
 Cross Section      0.000      To 1011. %

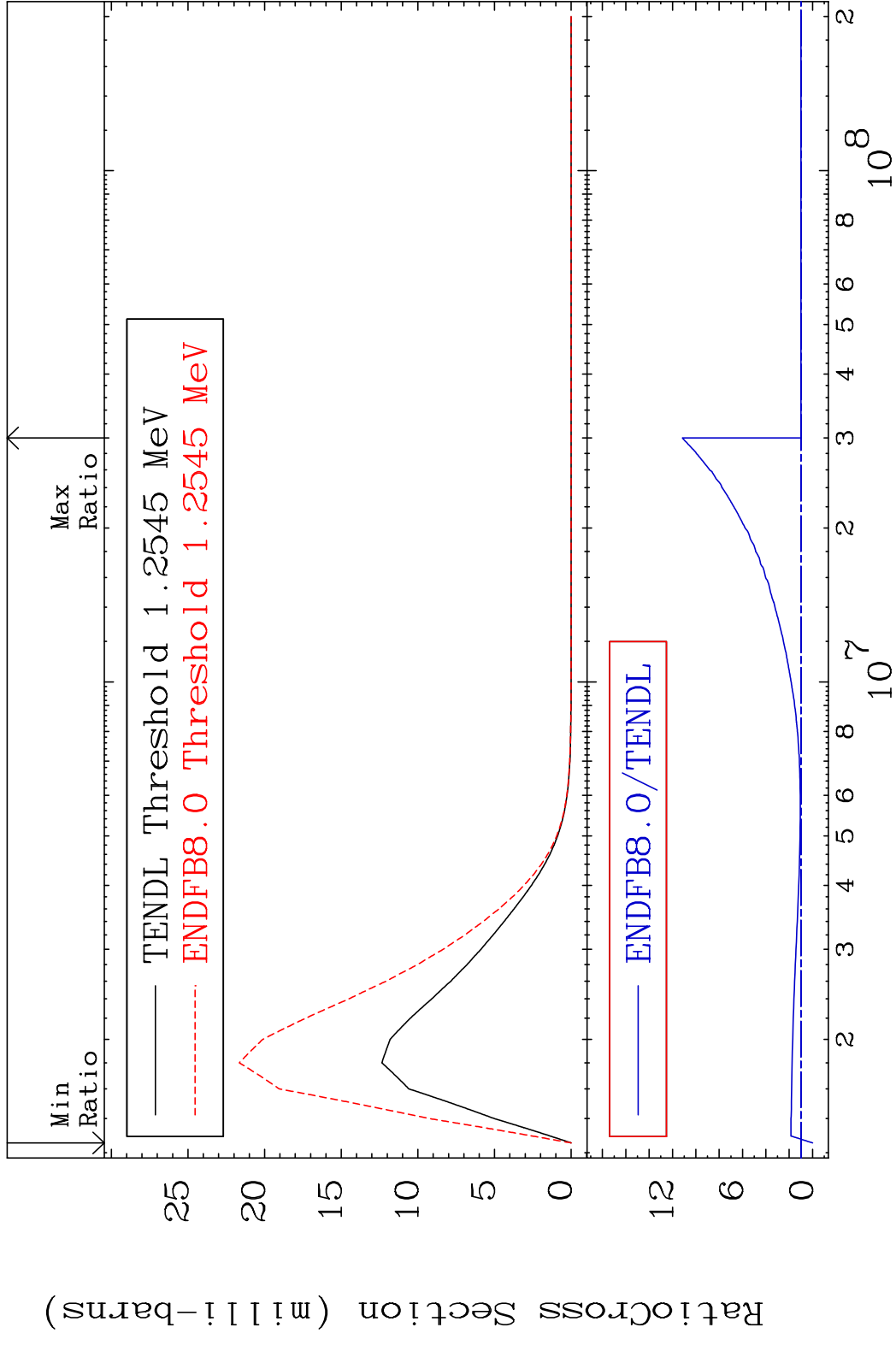


MAT 3634 MT= 71 (n,n') Level 36-Kr-81  
 Cross Section 0.000 To 83.83 %



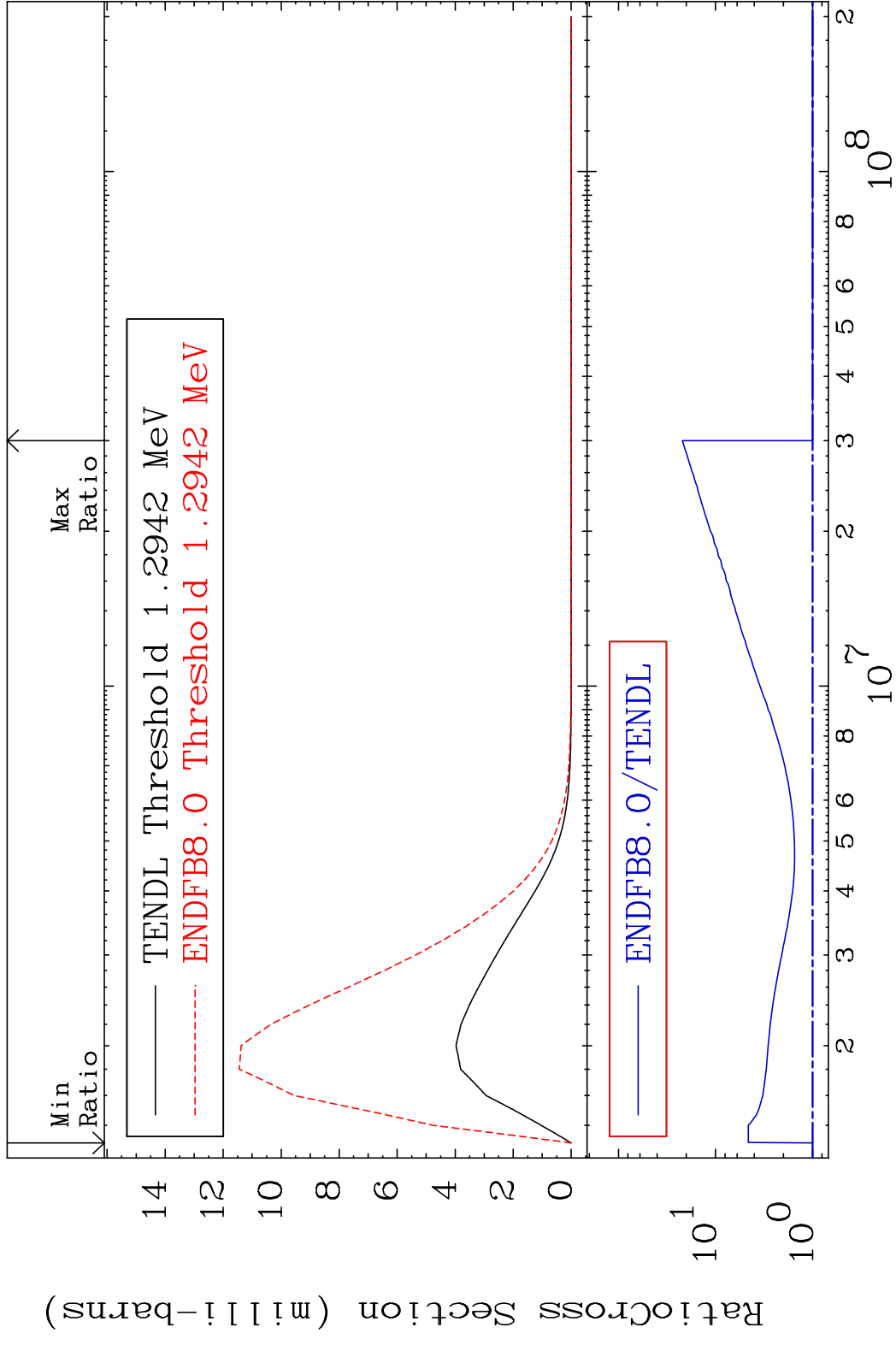


MAT 3634 MT= 72 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 1015. %

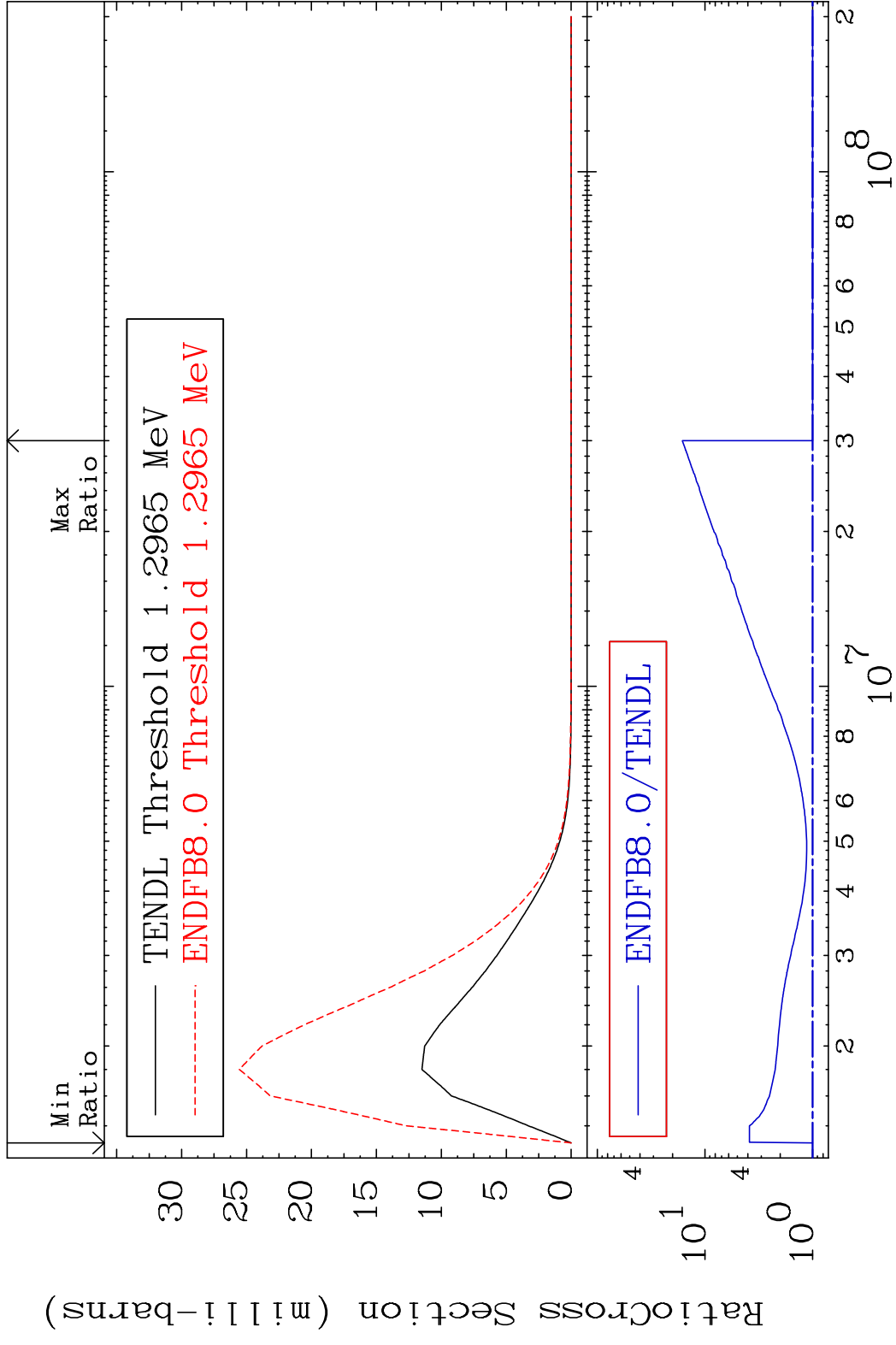


40 Incident Energy (eV) 36-Kr-81

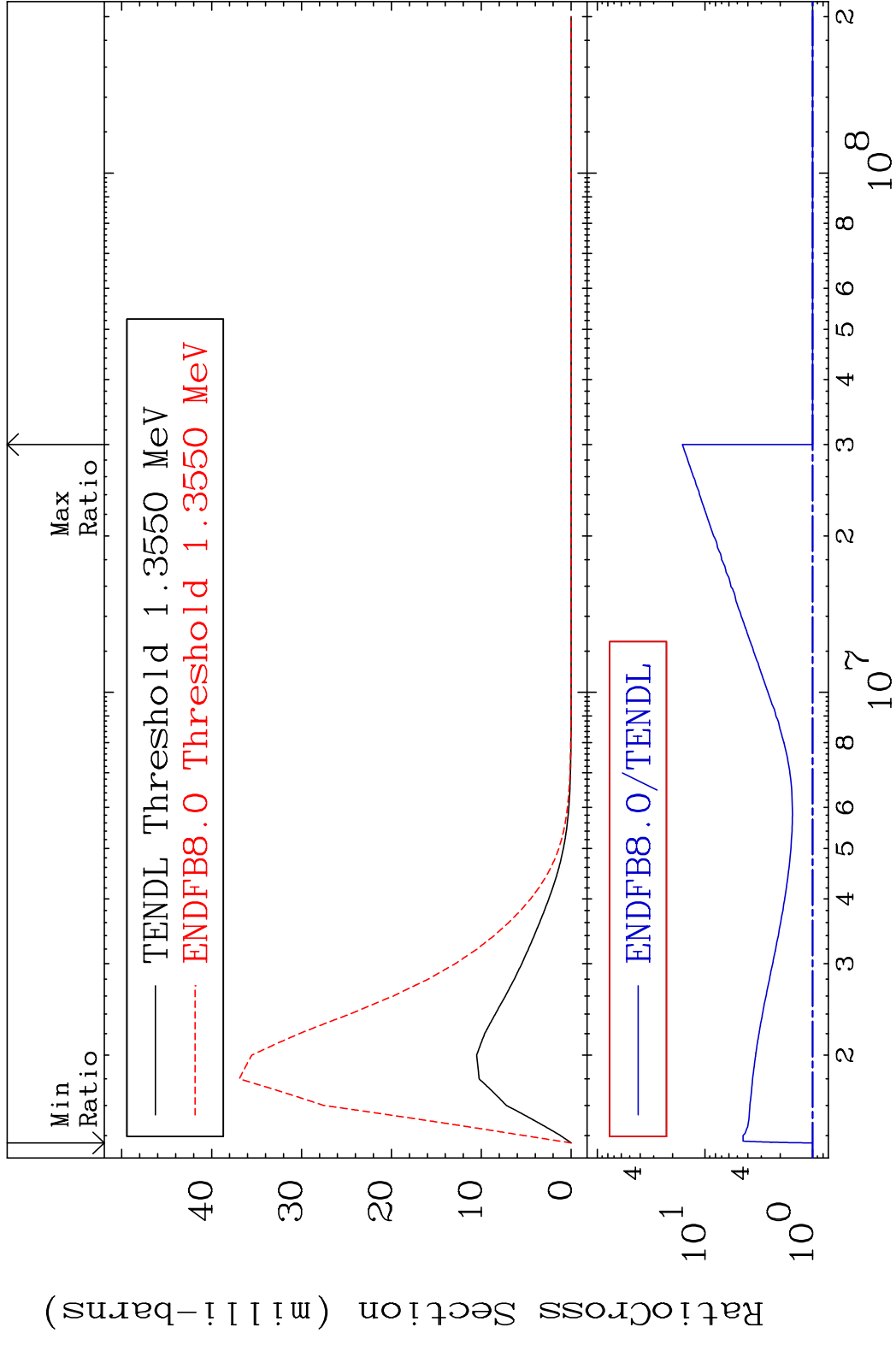
MAT 3634 MT= 73 (n, n') Level 36-Kr-81  
 Cross Section 0.000 To 2097. %



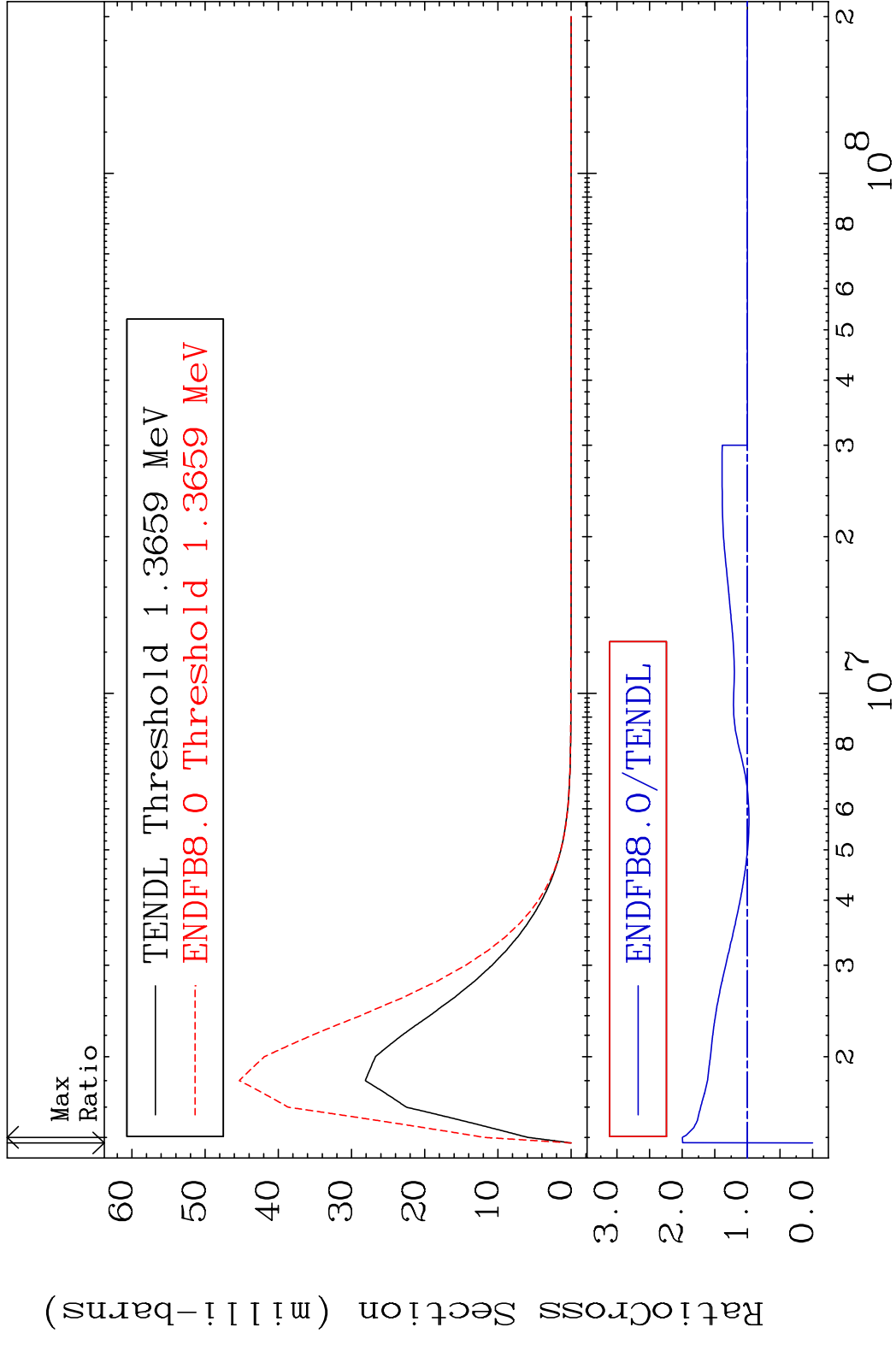
MAT 3634      MT= 74 (n, n') Level      36-Kr-81  
 Cross Section      0.000      To 1520. %



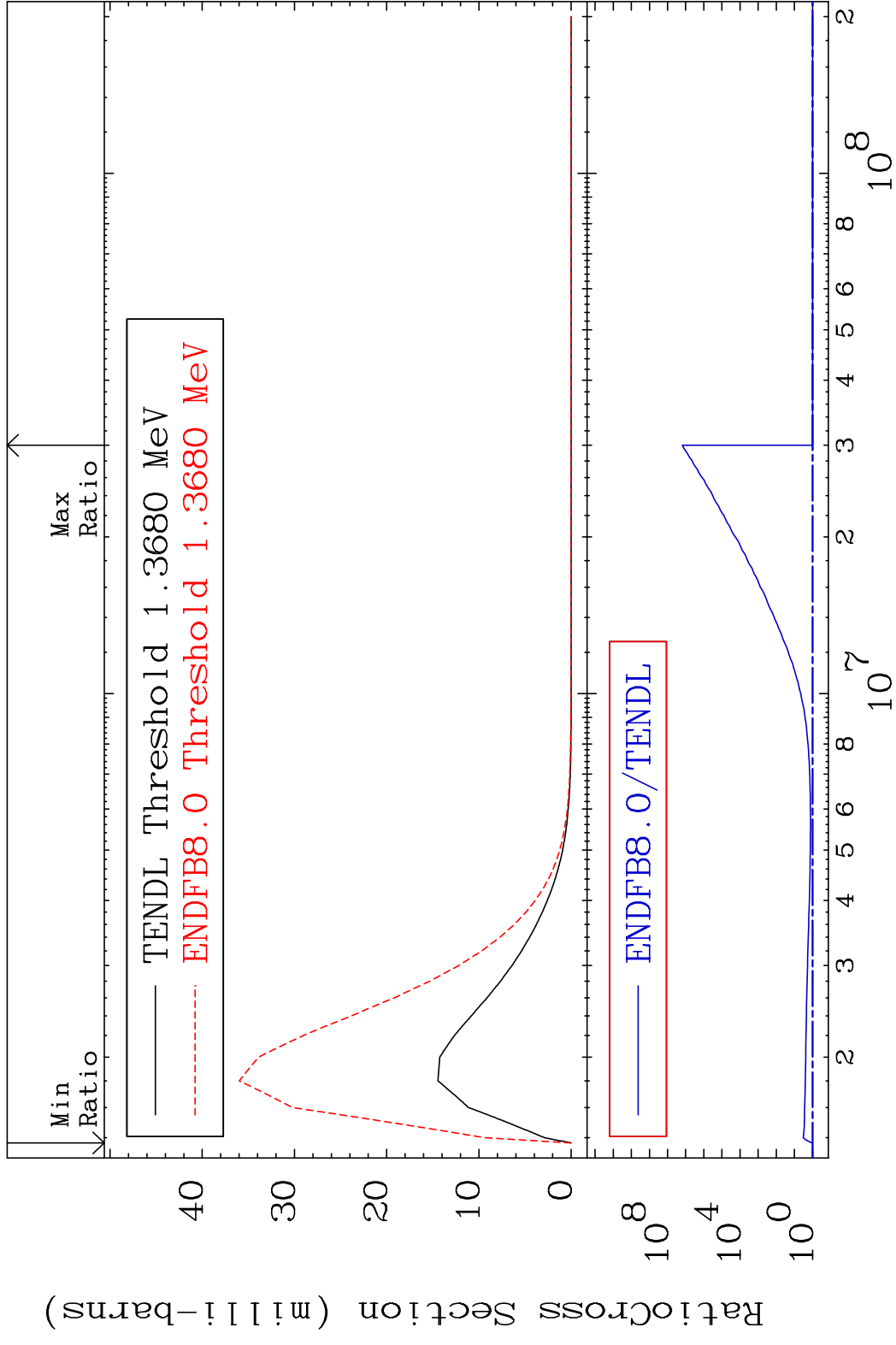
MAT 3634      MT= 75 (n, n') Level      36-Kr-81  
 Cross Section    0.000    To 1521. %



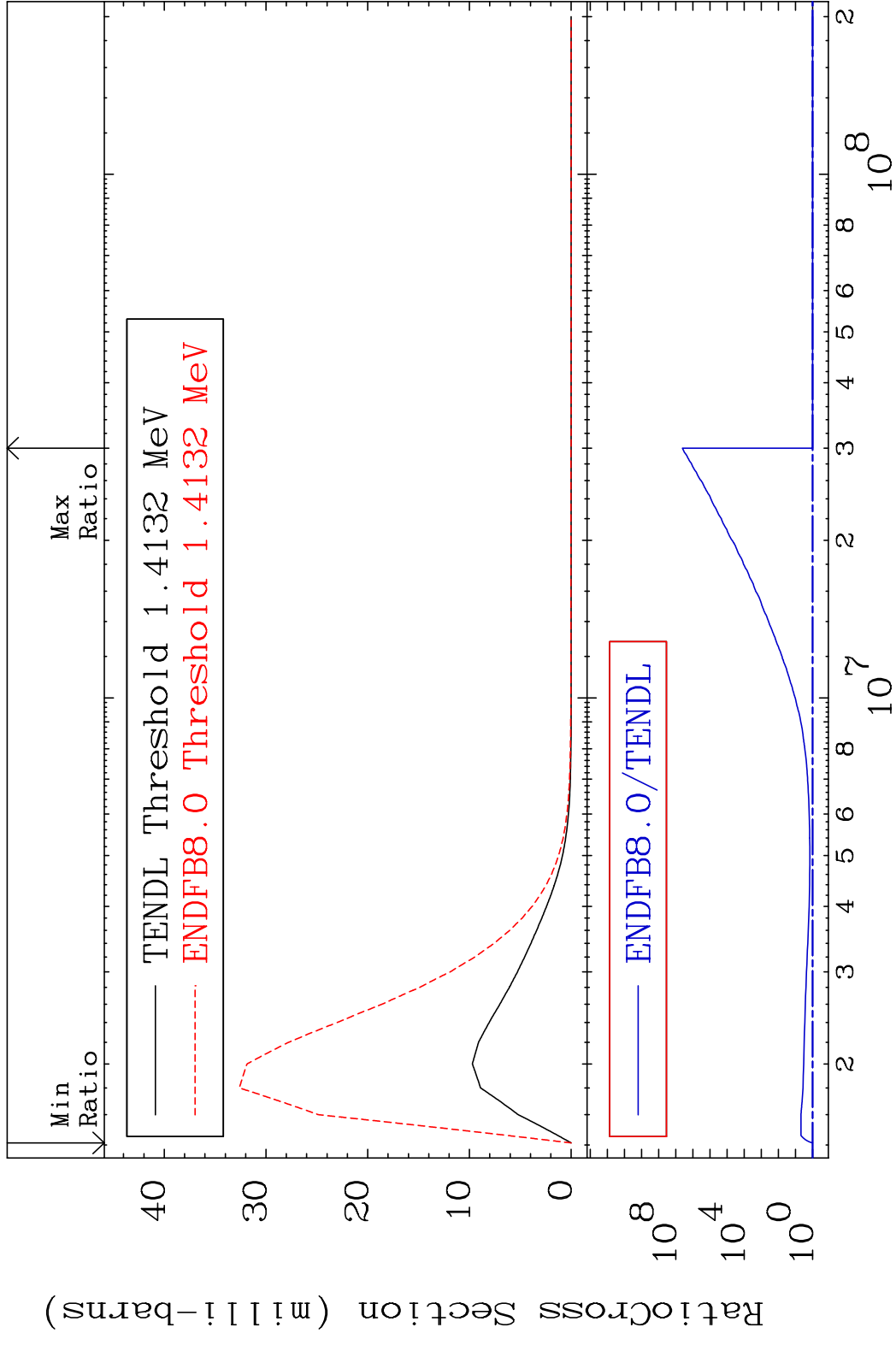
MAT 3634 MT= 76 (n,n') Level 36-Kr-81  
 Cross Section -100.0 To 99.75 %



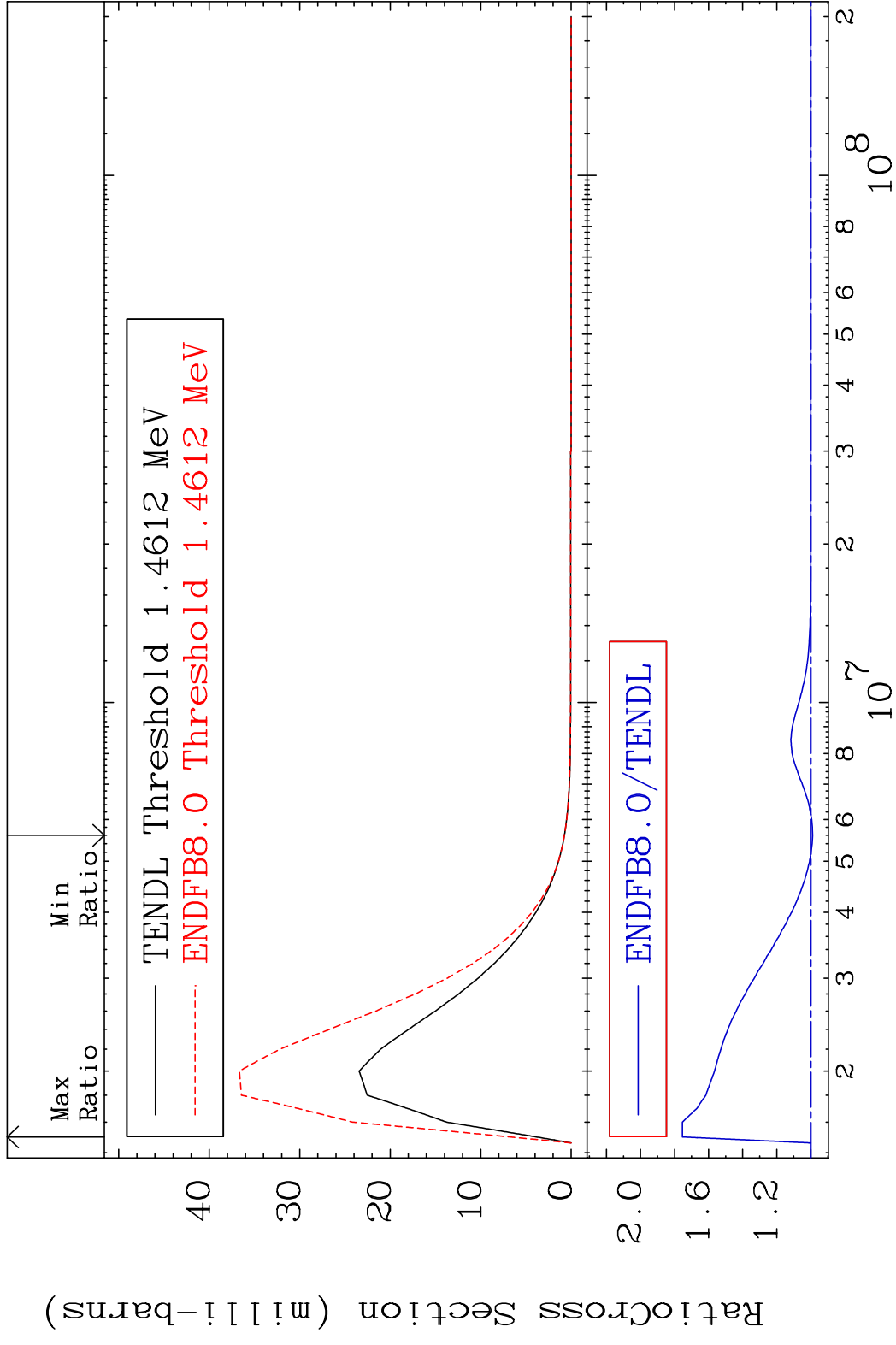
MAT 3634      MT= 77 (n, n') Level      36-Kr-81  
 Cross Section      0.000      To 9999. %



MAT 3634 MT= 78 (n, n') Level 36-Kr-81  
 Cross Section 0.000 To 9999. %



MAT 3634 MT= 79 (n,n') Level 36-Kr-81  
 Cross Section -1.046 To 75.42 %



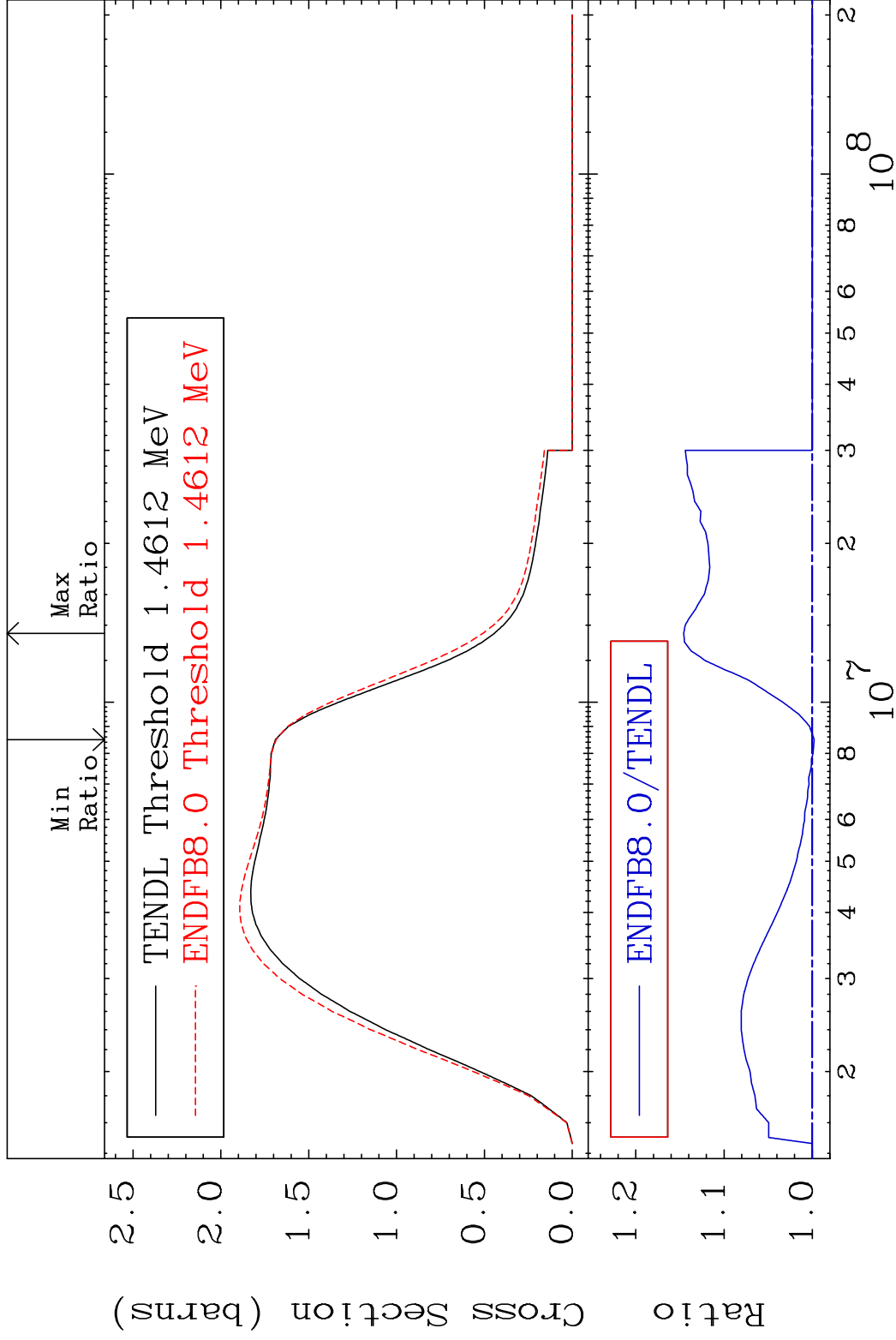


MAT 3634

(n, n') Continuum

36-Kr-81

Cross Section -0.211 To 14.58 %



48

Incident Energy (eV)

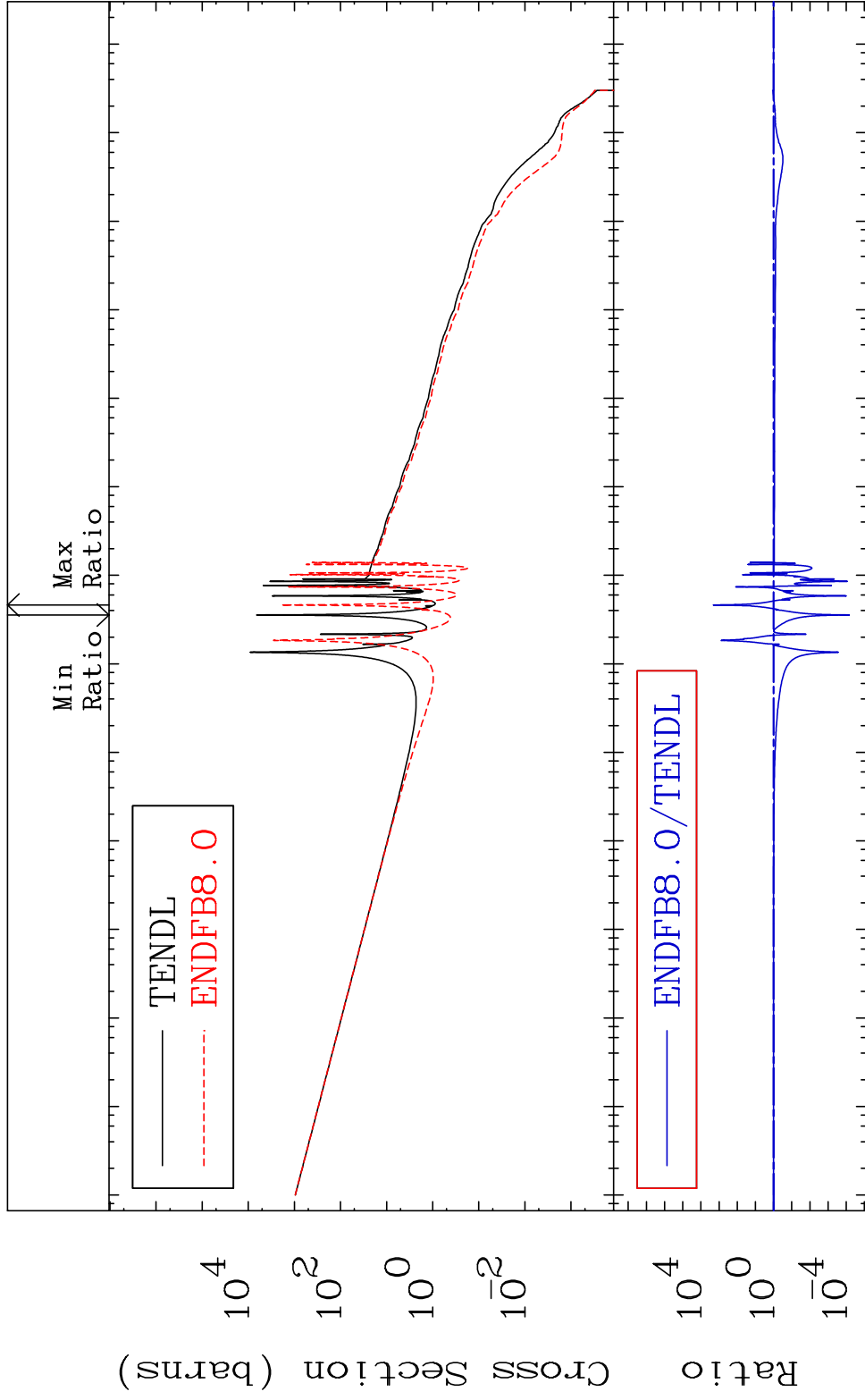
36-Kr-81

MAT 3634

(n,  $\gamma$ )

36-Kr-81

Cross Section -99.99 To 9999. %



49

Incident Energy (eV)

36-Kr-81

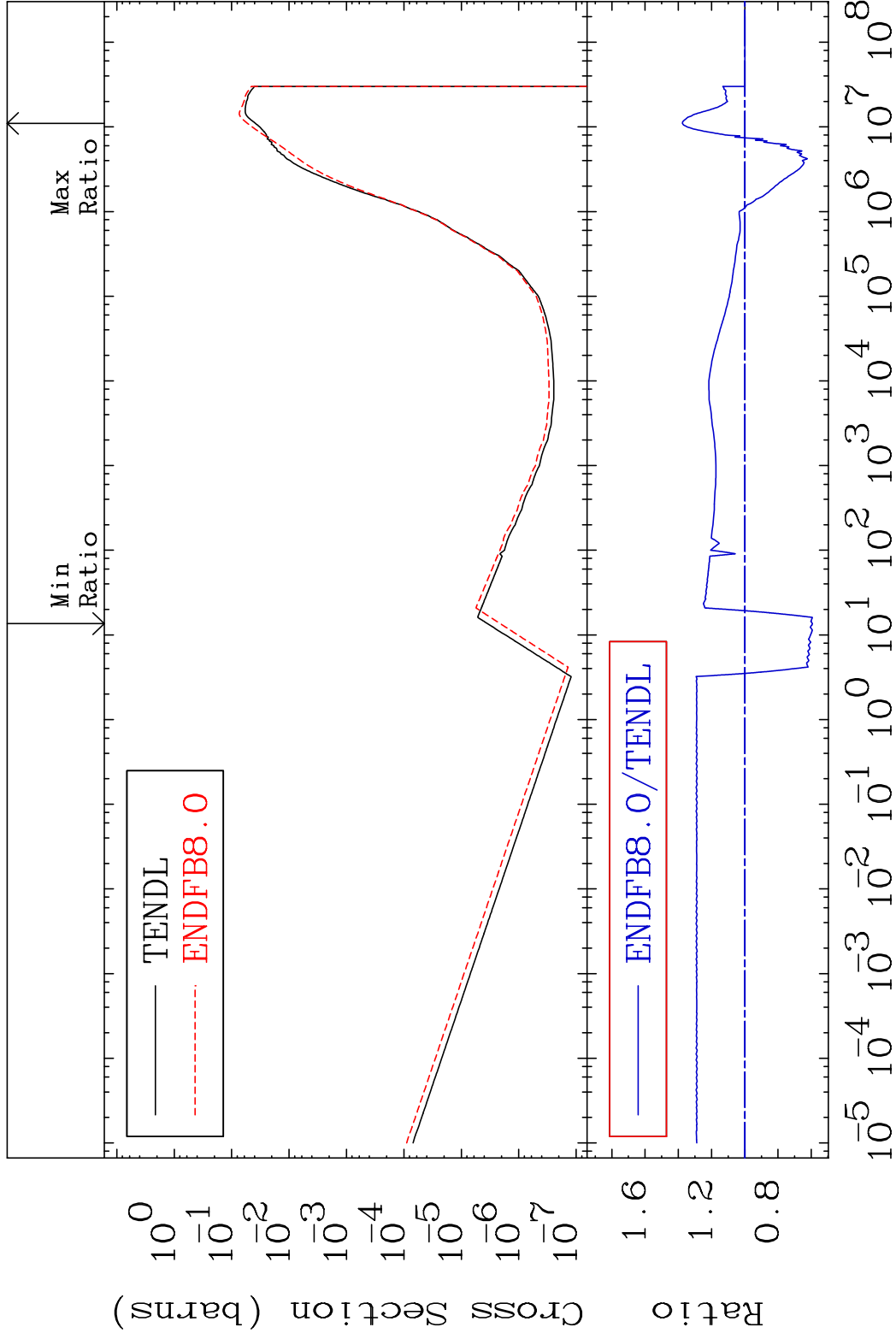
MAT 3634

(n, p)

36-Kr-81

Cross Section

-40.77 To 37.57 %



50

Incident Energy (eV)

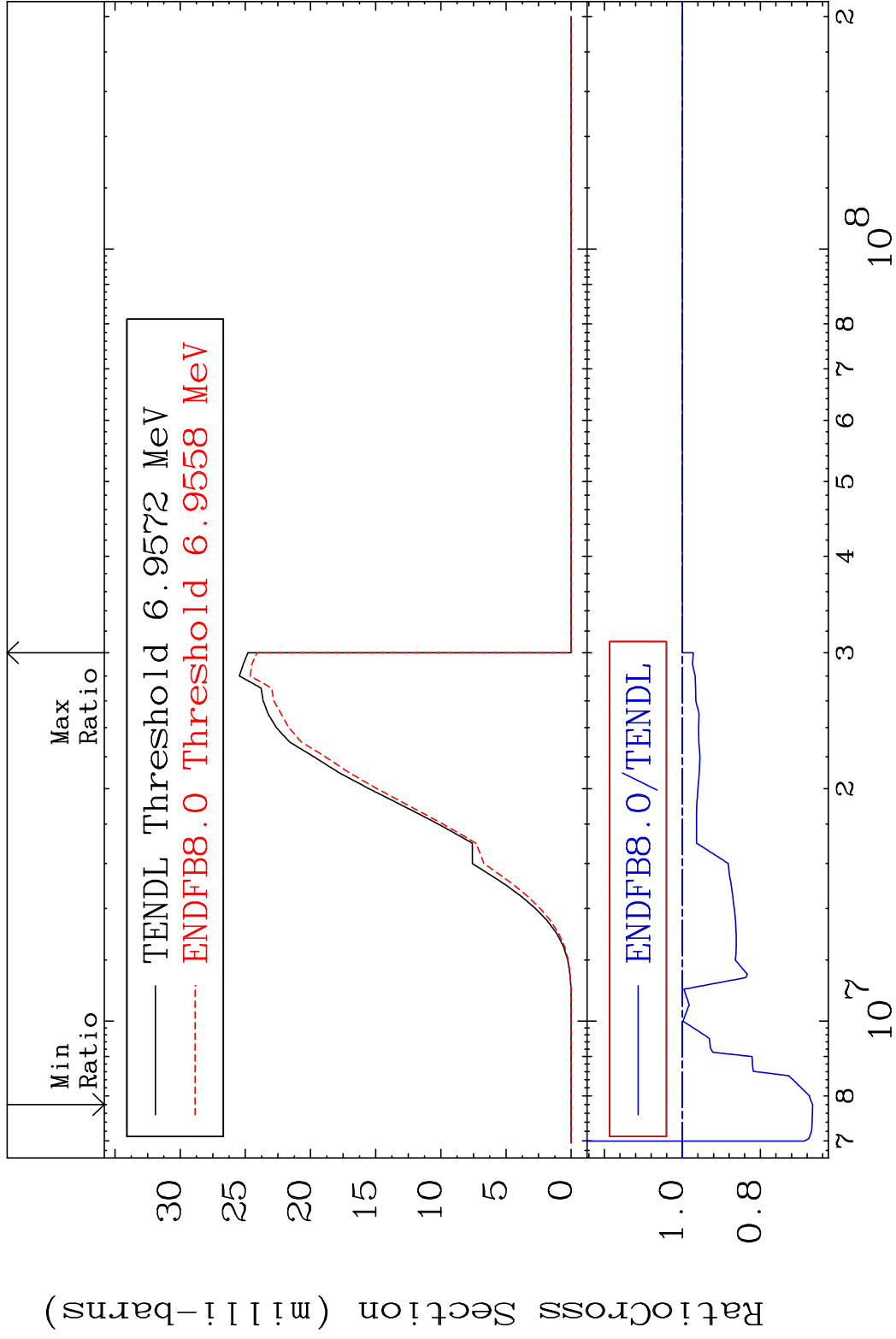
36-Kr-81

MAT 3634

(n, d)

36-Kr-81

Cross Section -33.39 To 0.000 %



51

Incident Energy (eV)

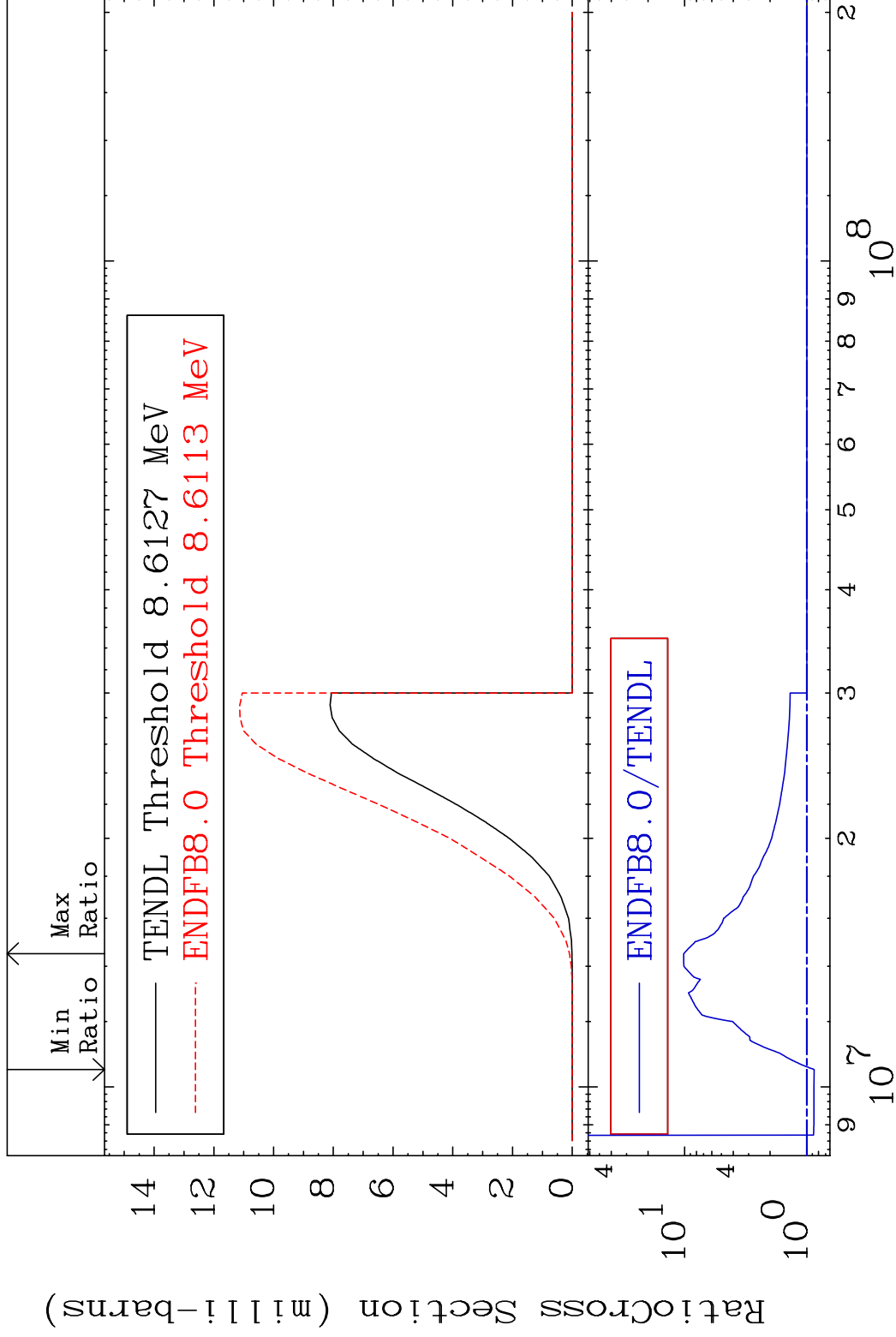
36-Kr-81

MAT 3634

(n, t)

36-Kr-81

Cross Section -12.98 To 919.9 %



52

Incident Energy (eV)

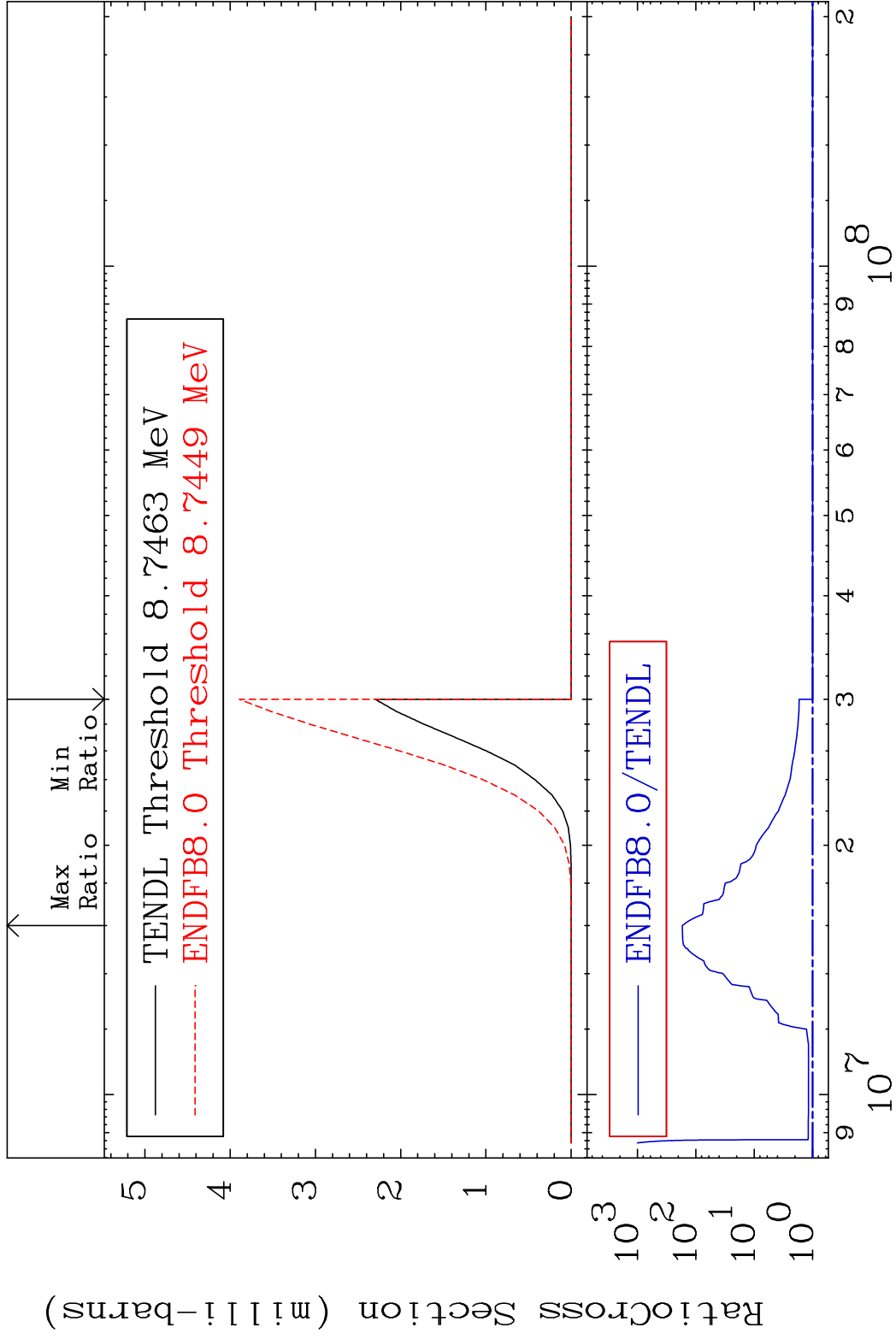
36-Kr-81

MAT 3634

(n, He-3)

36-Kr-81

Cross Section 0.000 To 9999. %

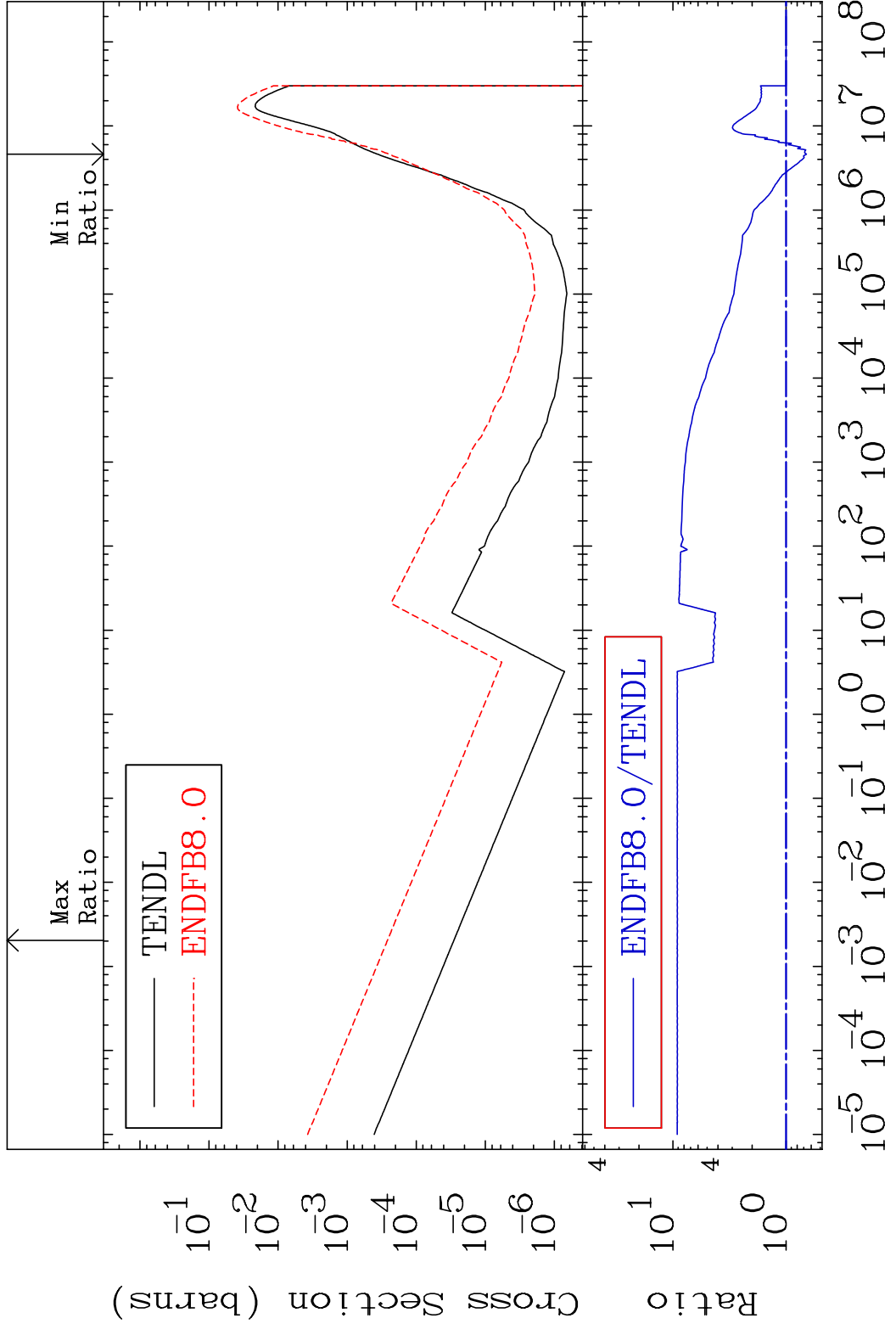


53

Incident Energy (eV)

36-Kr-81

MAT 3634 (n,  $\alpha$ ) 36-Kr-81  
 Cross Section -33.74 To 818.3 %

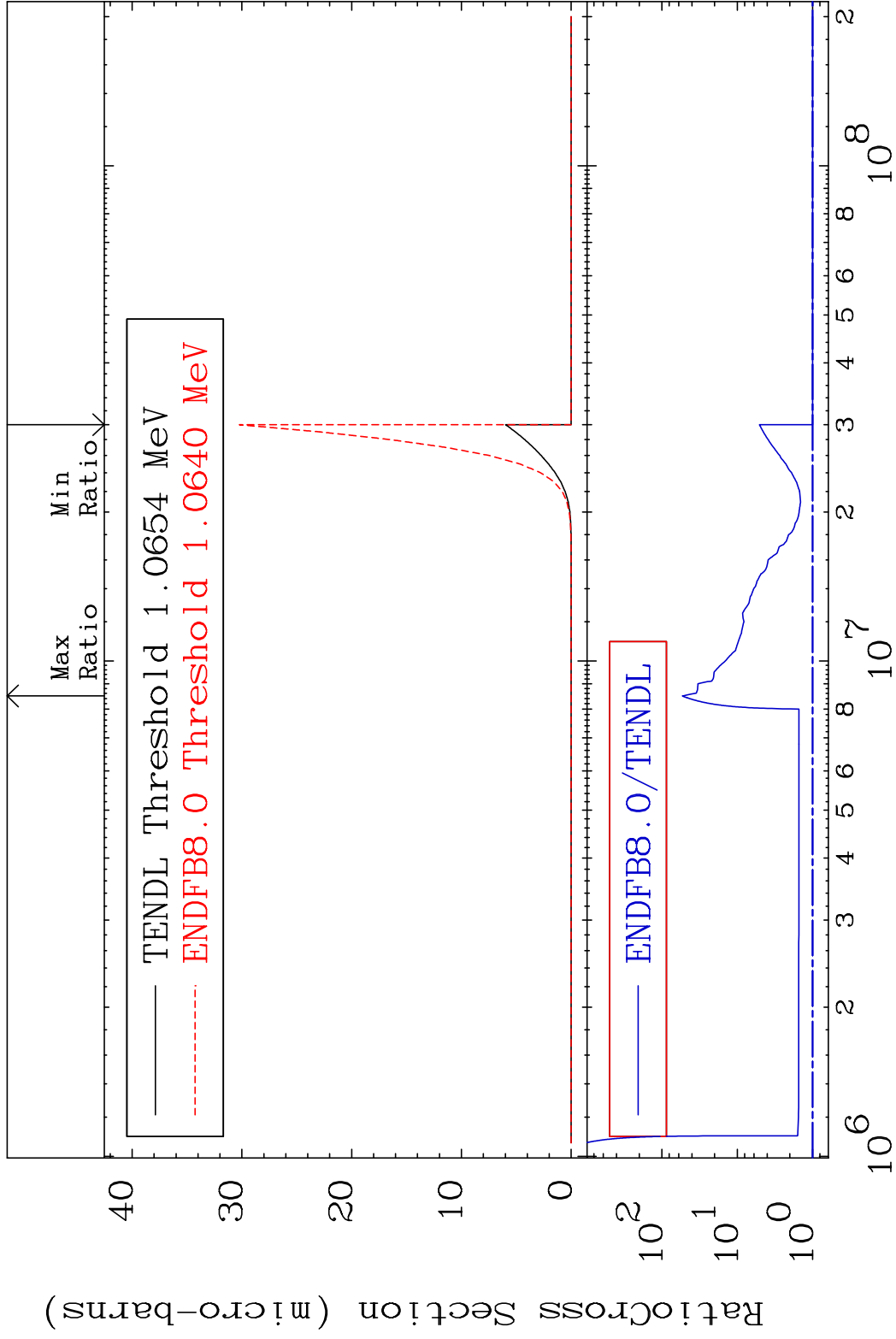


MAT 3634

(n, 2α)

<sup>36</sup>Kr-81

Cross Section 0.000 To 5255. %



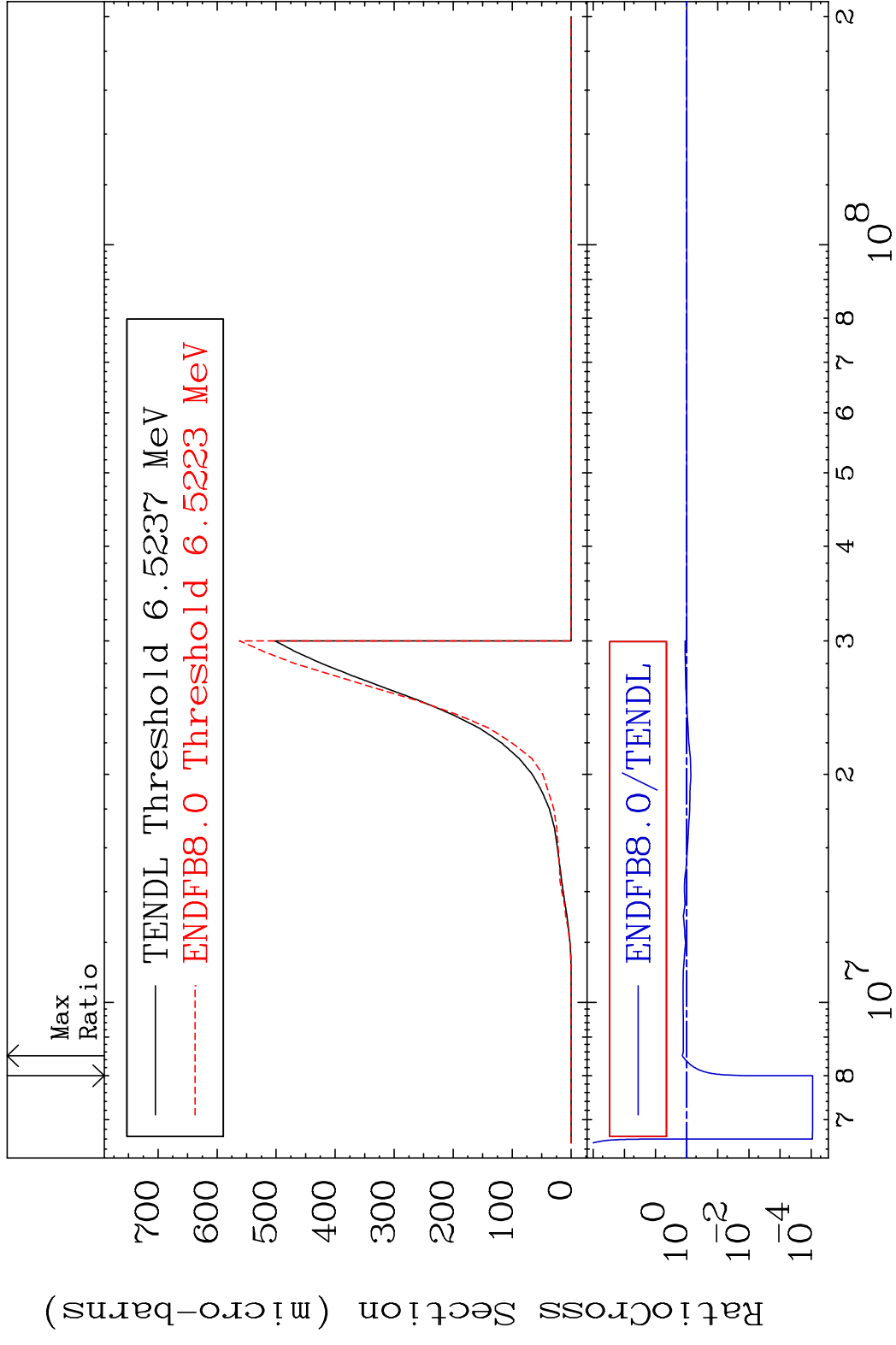
55

Incident Energy (eV)

<sup>36</sup>Kr-81



MAT 3634 (n,2p) 36-Kr-81  
 Cross Section -99.99 To 37.33 %

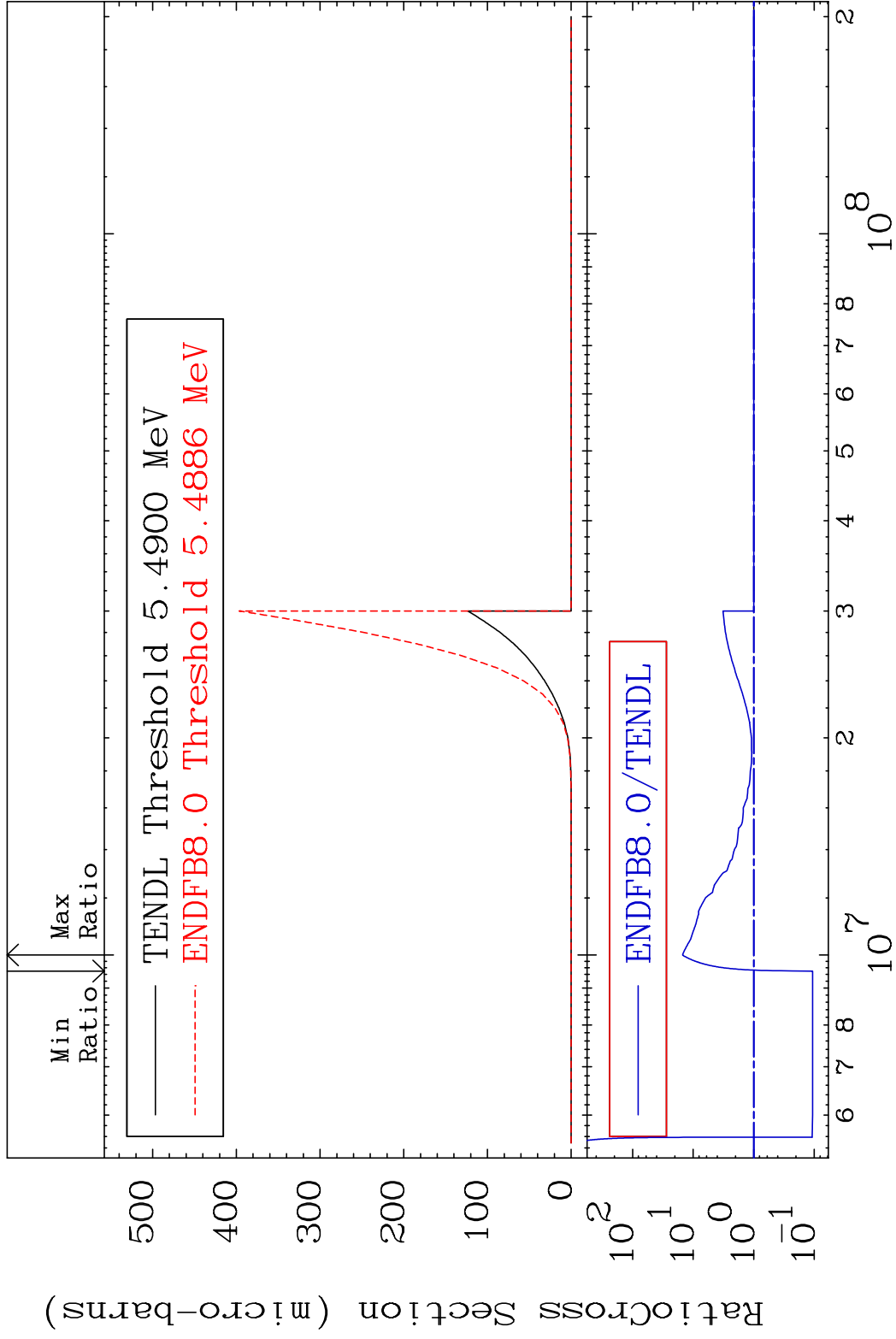


MAT 3634

(n,p)  $\alpha$

36-Kr-81

Cross Section -89.33 To 1408. %

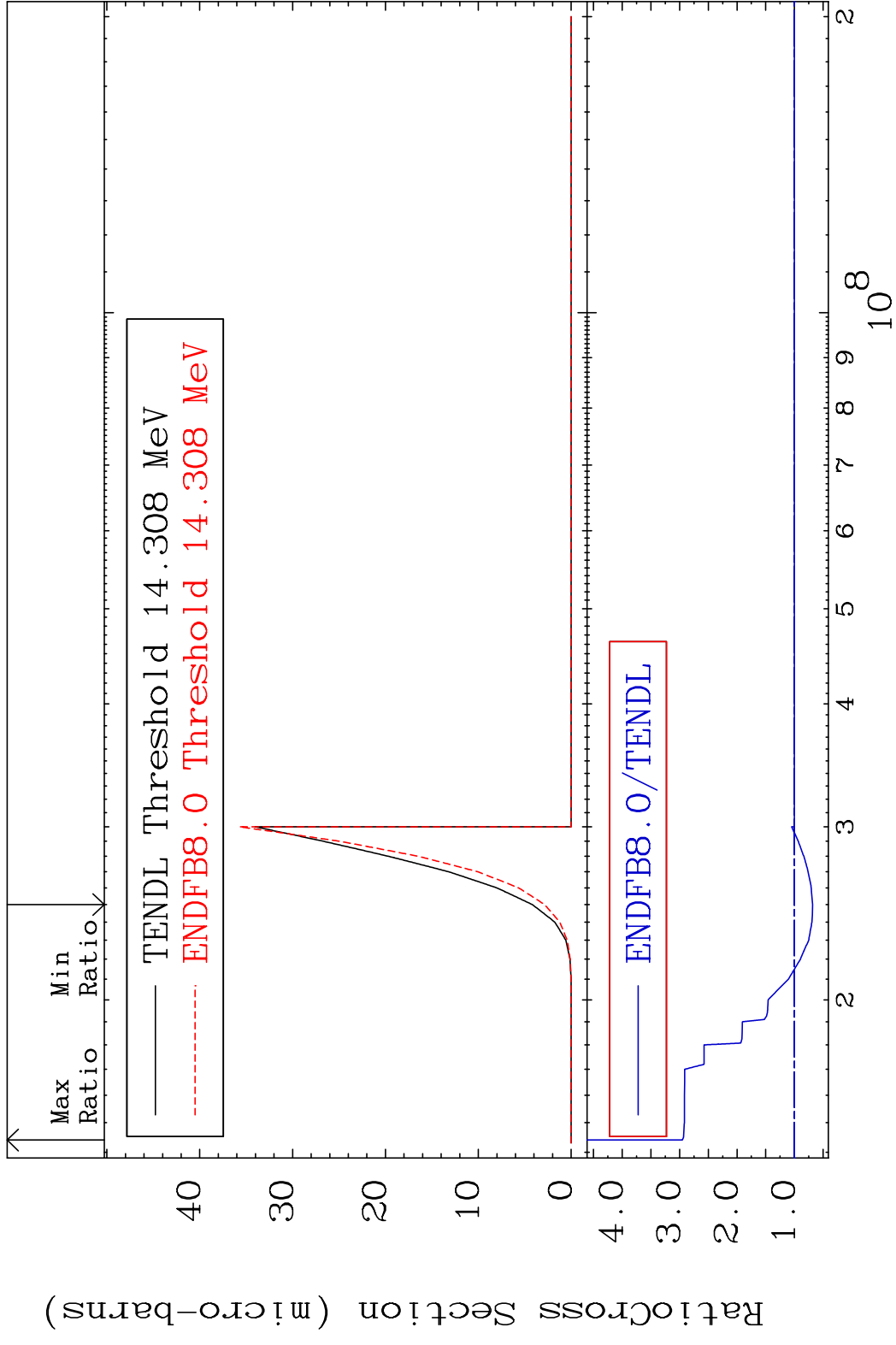


57

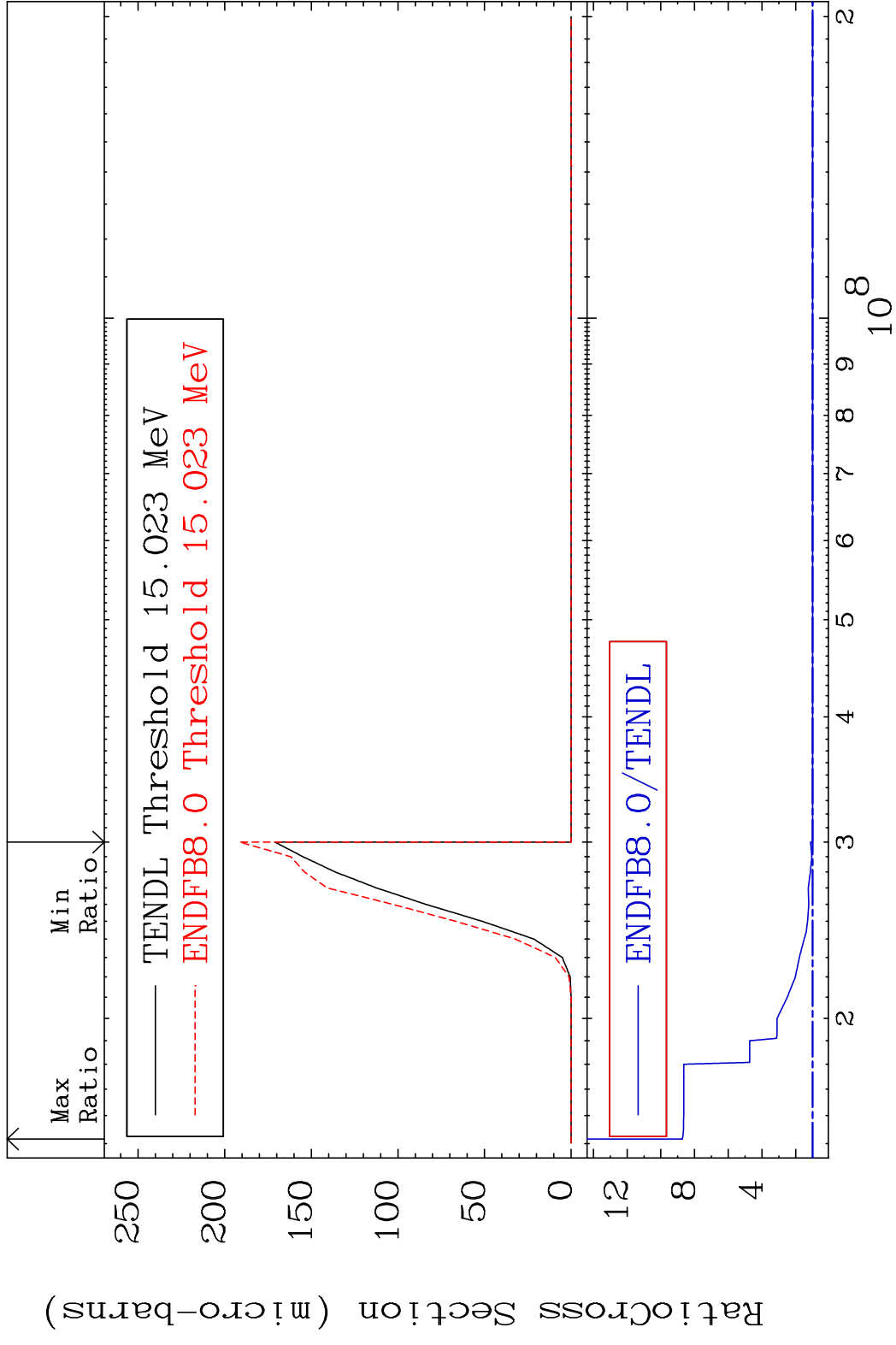
Incident Energy (eV)

36-Kr-81

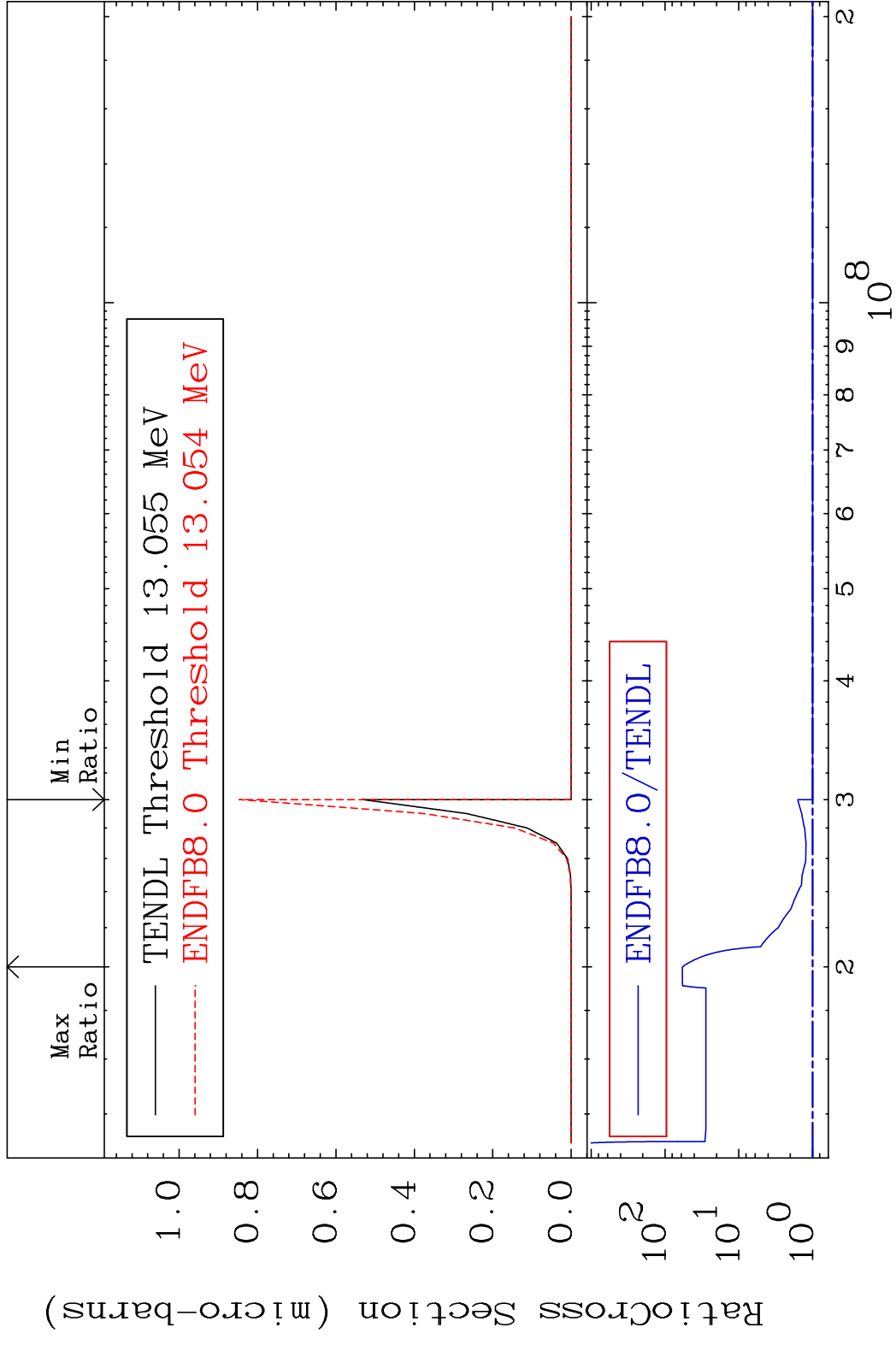
MAT 3634 (n,p) d 36-Kr-81  
 Cross Section -31.48 To 195.1 %



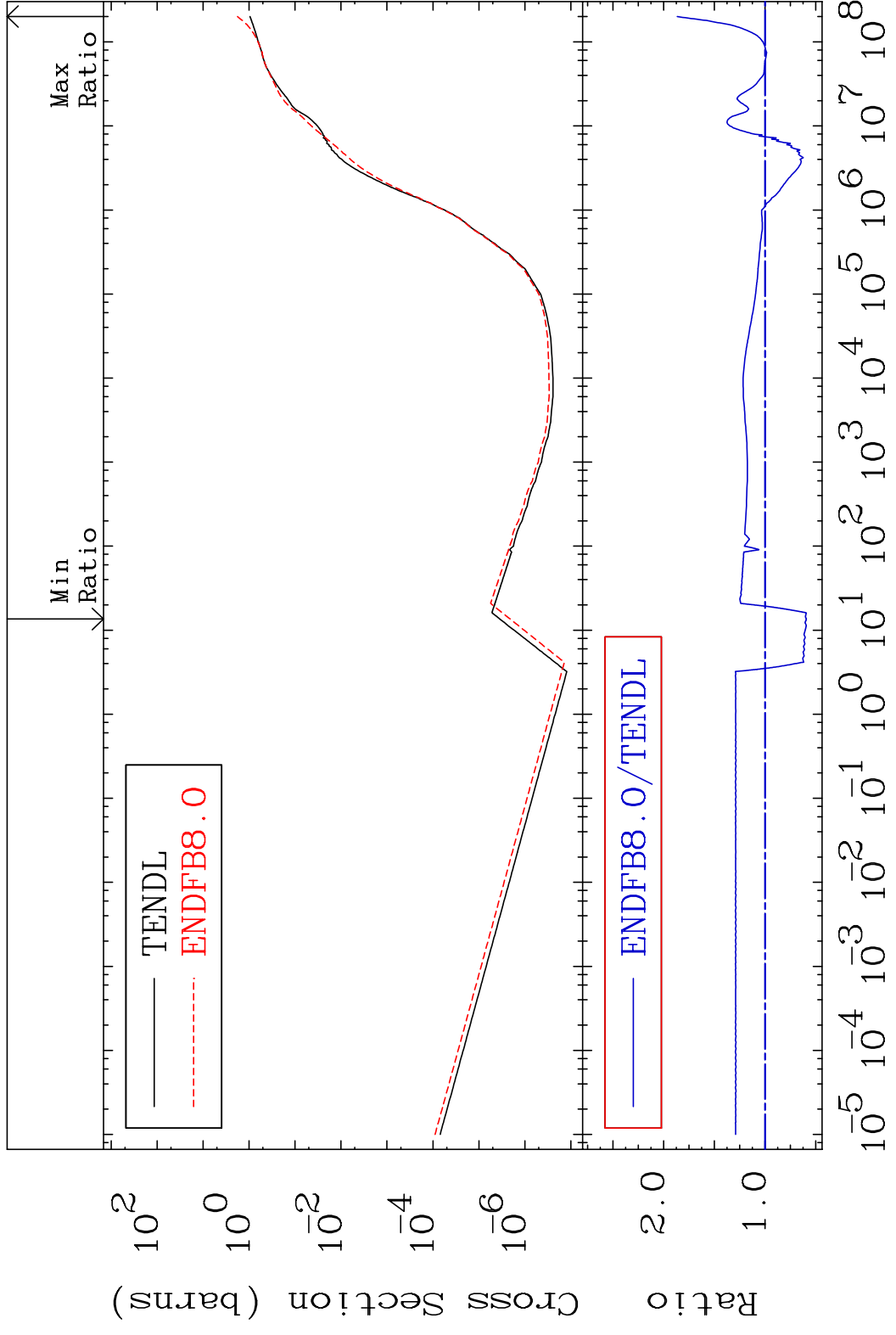
MAT 3634 (n,p) t 36-Kr-81  
 Cross Section 0.000 To 772.4 %



MAT 3634 (n,d)  $\alpha$  36-Kr-81  
 Cross Section 0.000 To 5717. %



MAT 3634 Hydrogen Production 36-Kr-81  
 Cross Section -40.777 To 86.68 %



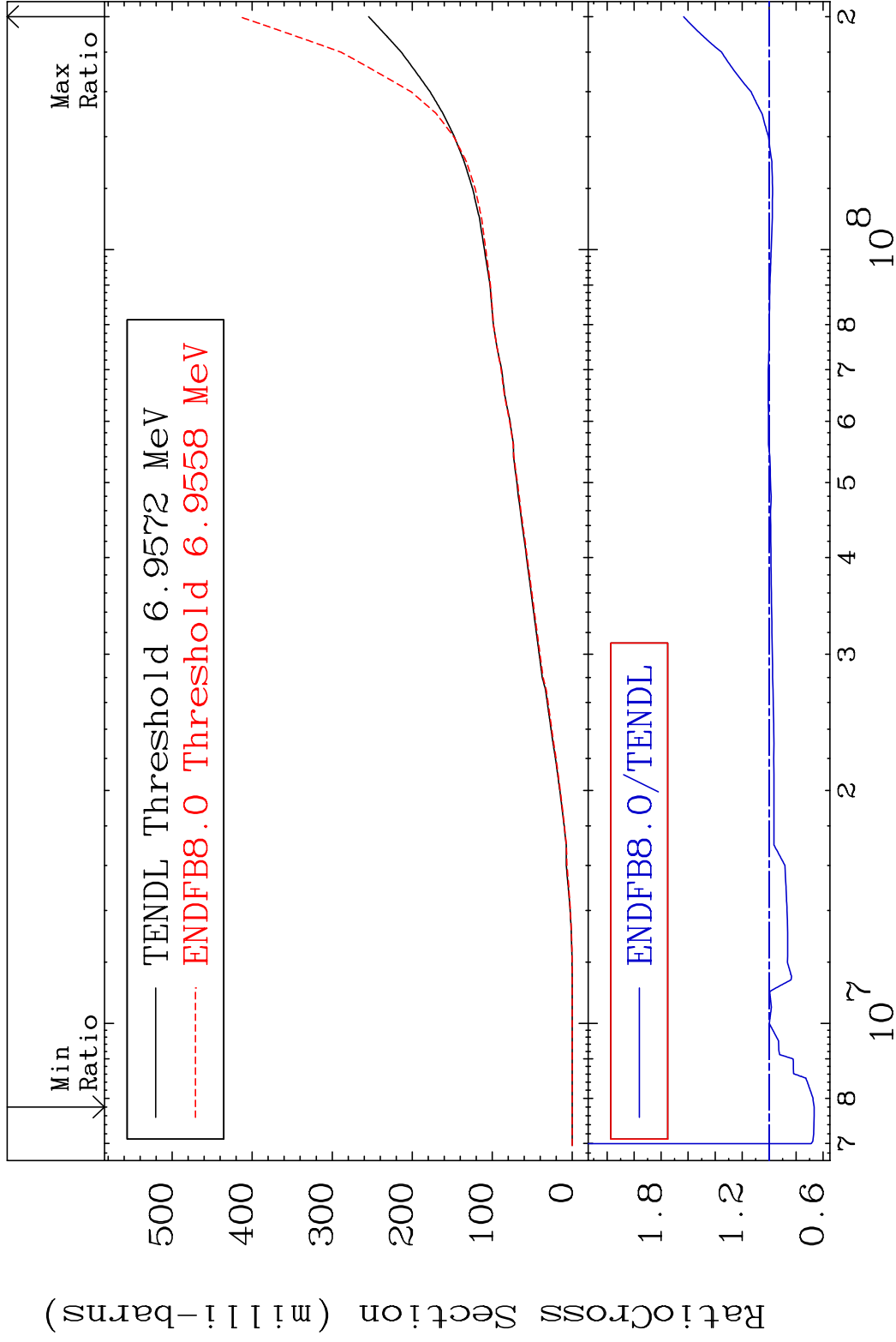
61 Incident Energy (eV) 36-Kr-81

MAT 3634

Deuterium Production

<sup>36</sup>Kr-81

Cross Section -33.39 To 63.33 %



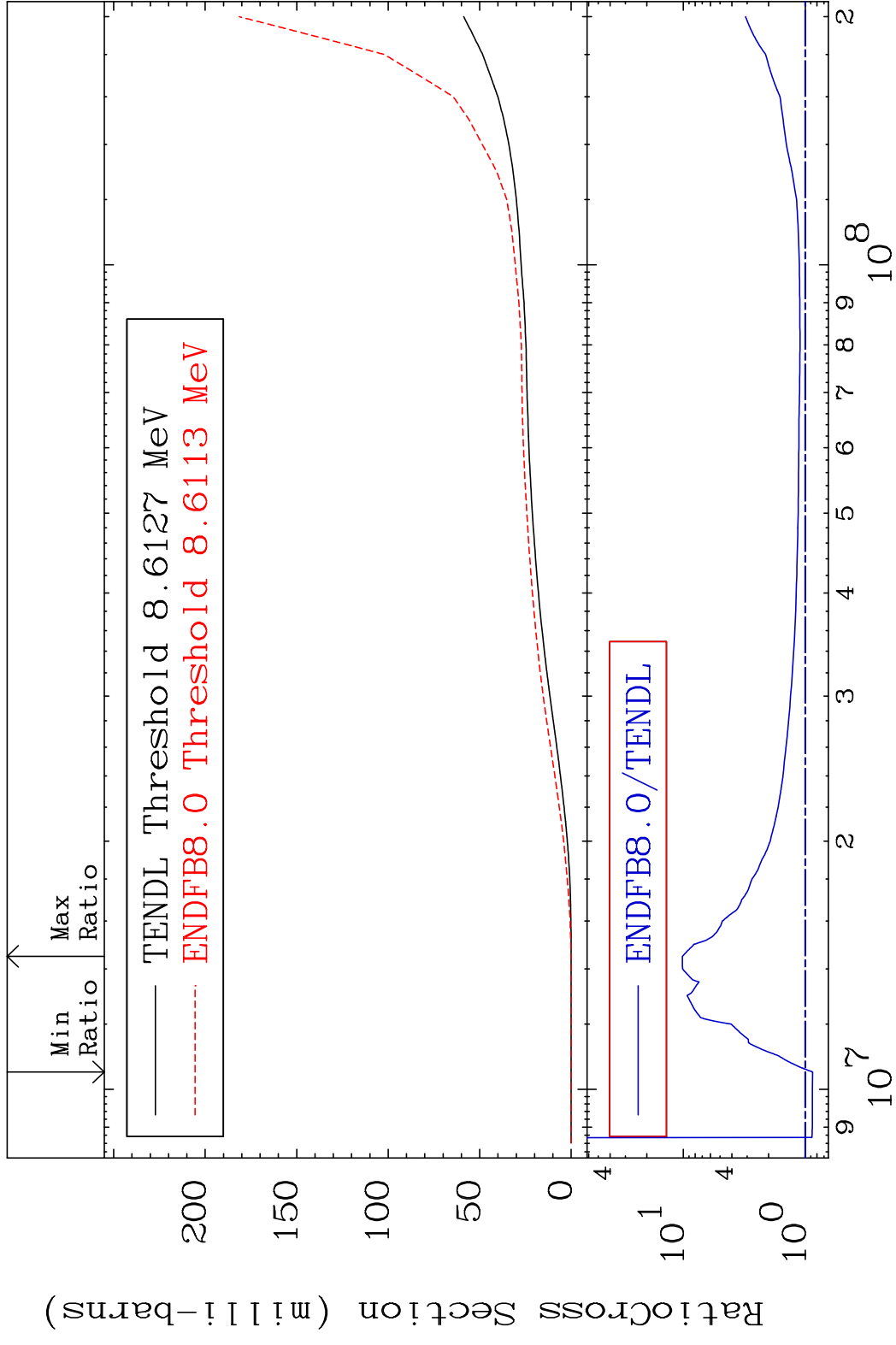
62

Incident Energy (eV)

<sup>36</sup>Kr-81

MAT 3634

Tritium Production 36-Kr-81  
Cross Section -12.98 To 919.9 %



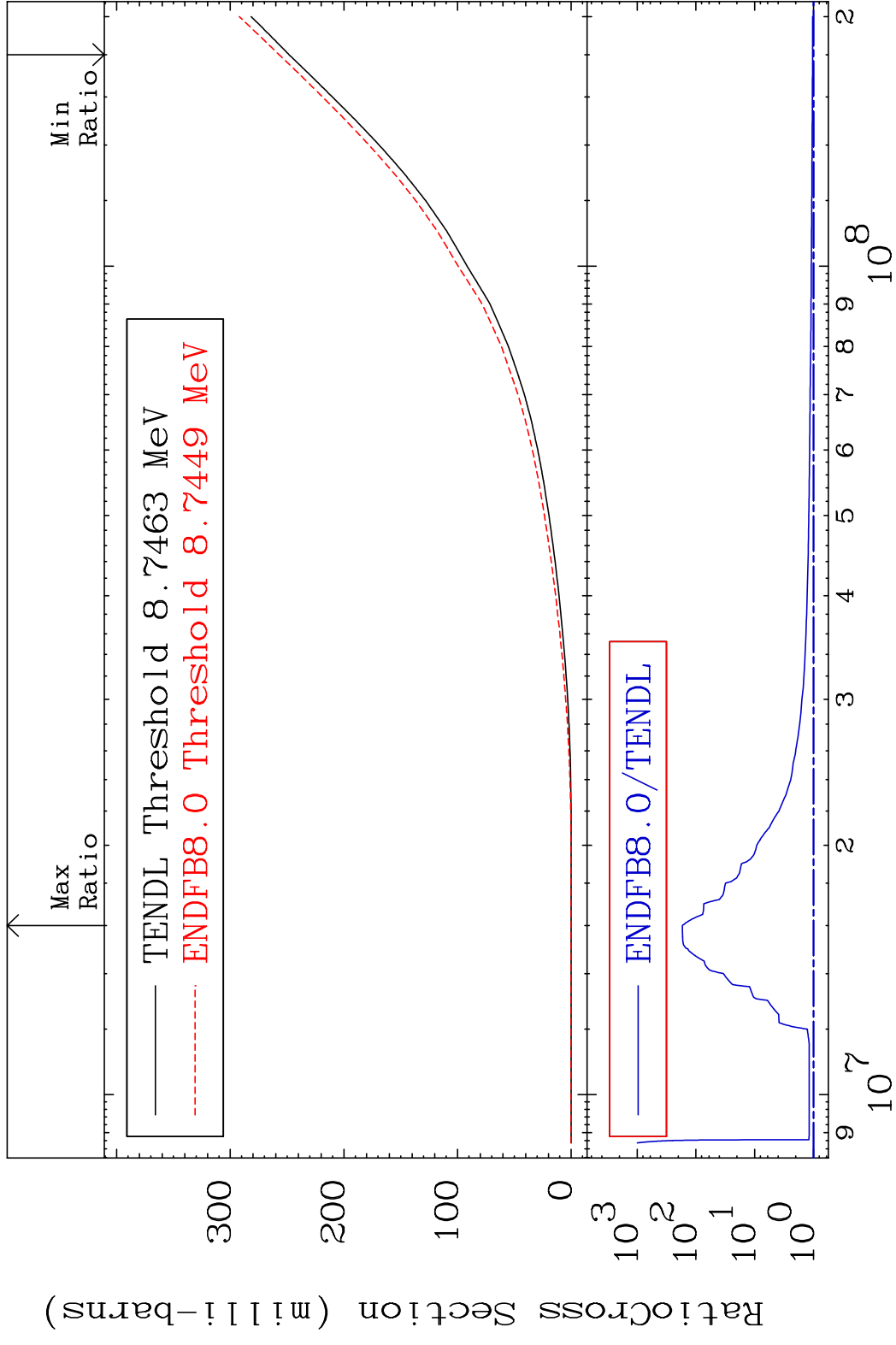
63

Incident Energy (eV)

36-Kr-81

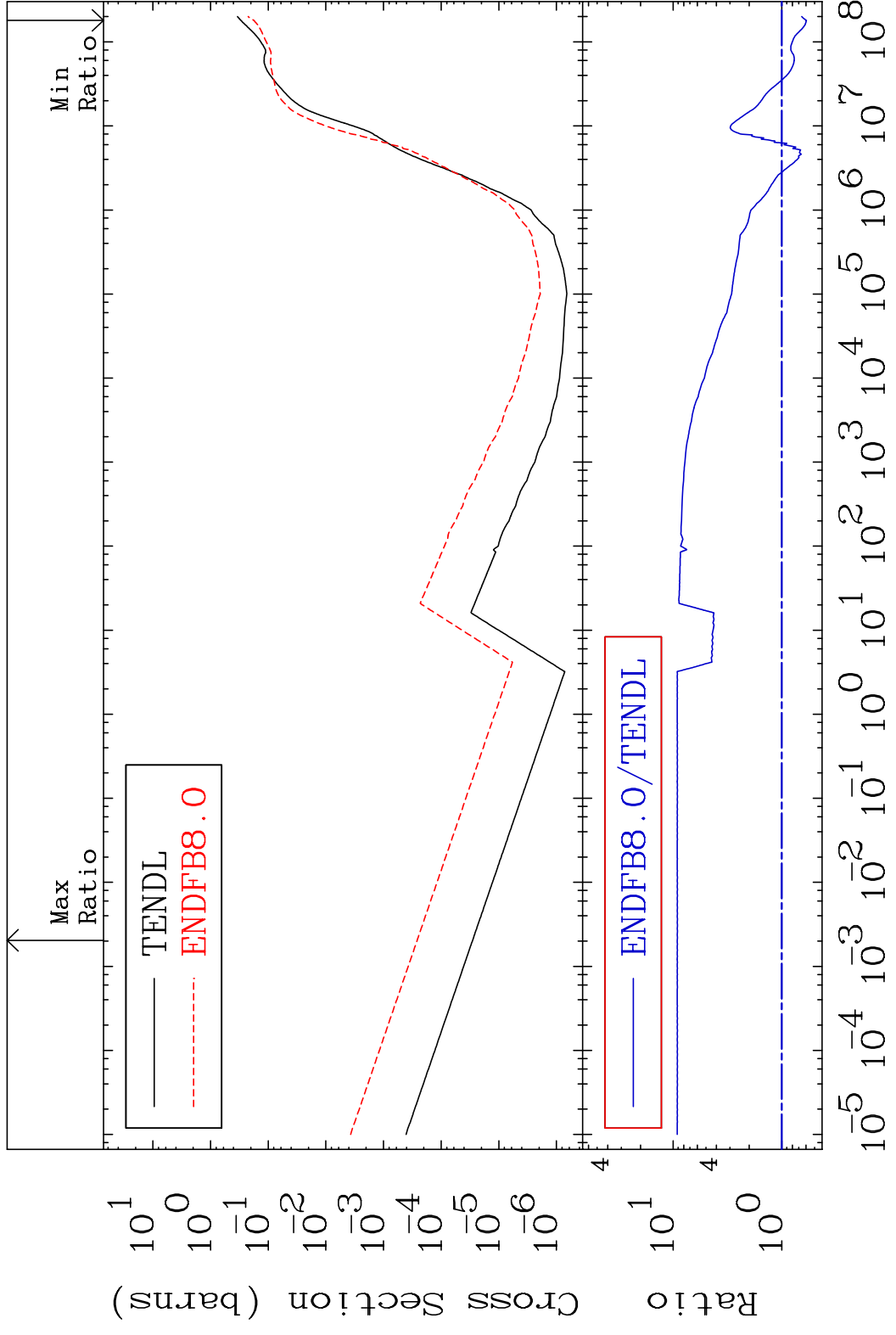


MAT 3634 He-3 Production 36-Kr-81  
 Cross Section 3.519 To 9999. %



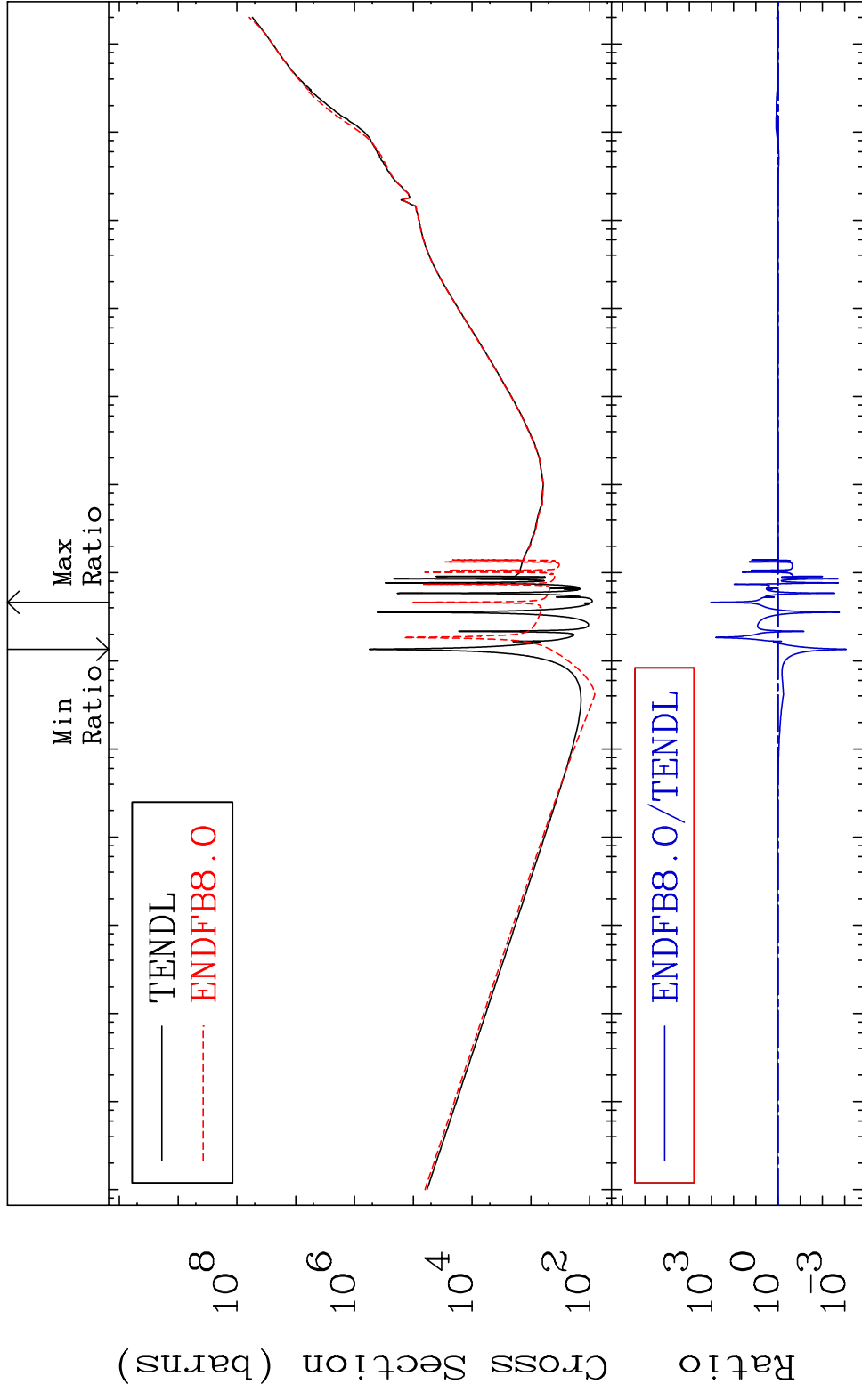
64 Incident Energy (eV) 36-Kr-81

MAT 3634 He-4 Production 36-Kr-81  
 Cross Section -40.577 To 818.3 %



65 Incident Energy (eV) 36-Kr-81

MAT 3634 Kerma total (eV-barns) 36-Kr-81  
 Cross Section -99.92 To 9999. %

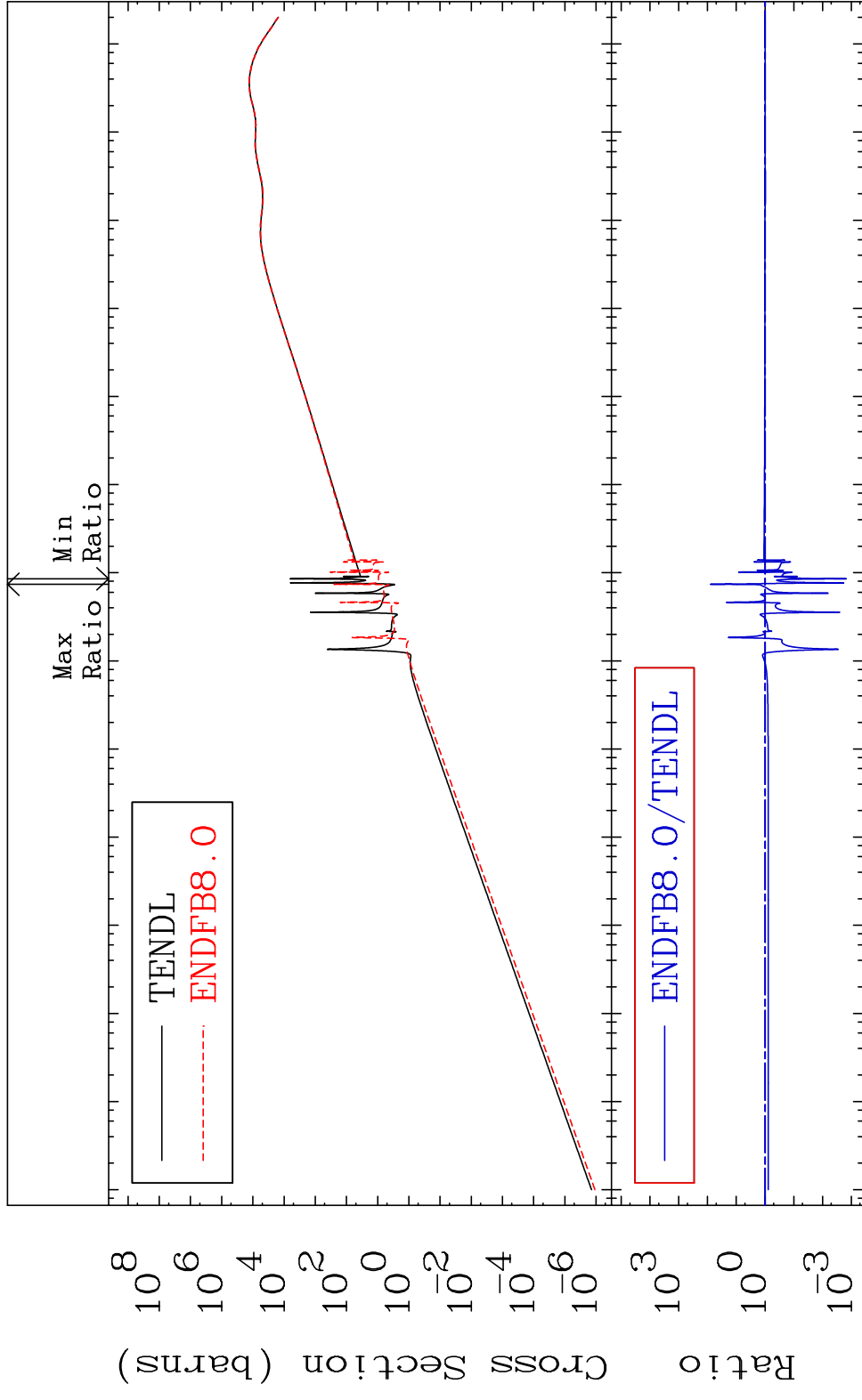


66 Incident Energy (eV) 36-Kr-81

MAT 3634

Kerma elastic  
Cross Section -99.85 To 7642. %

36-Kr-81

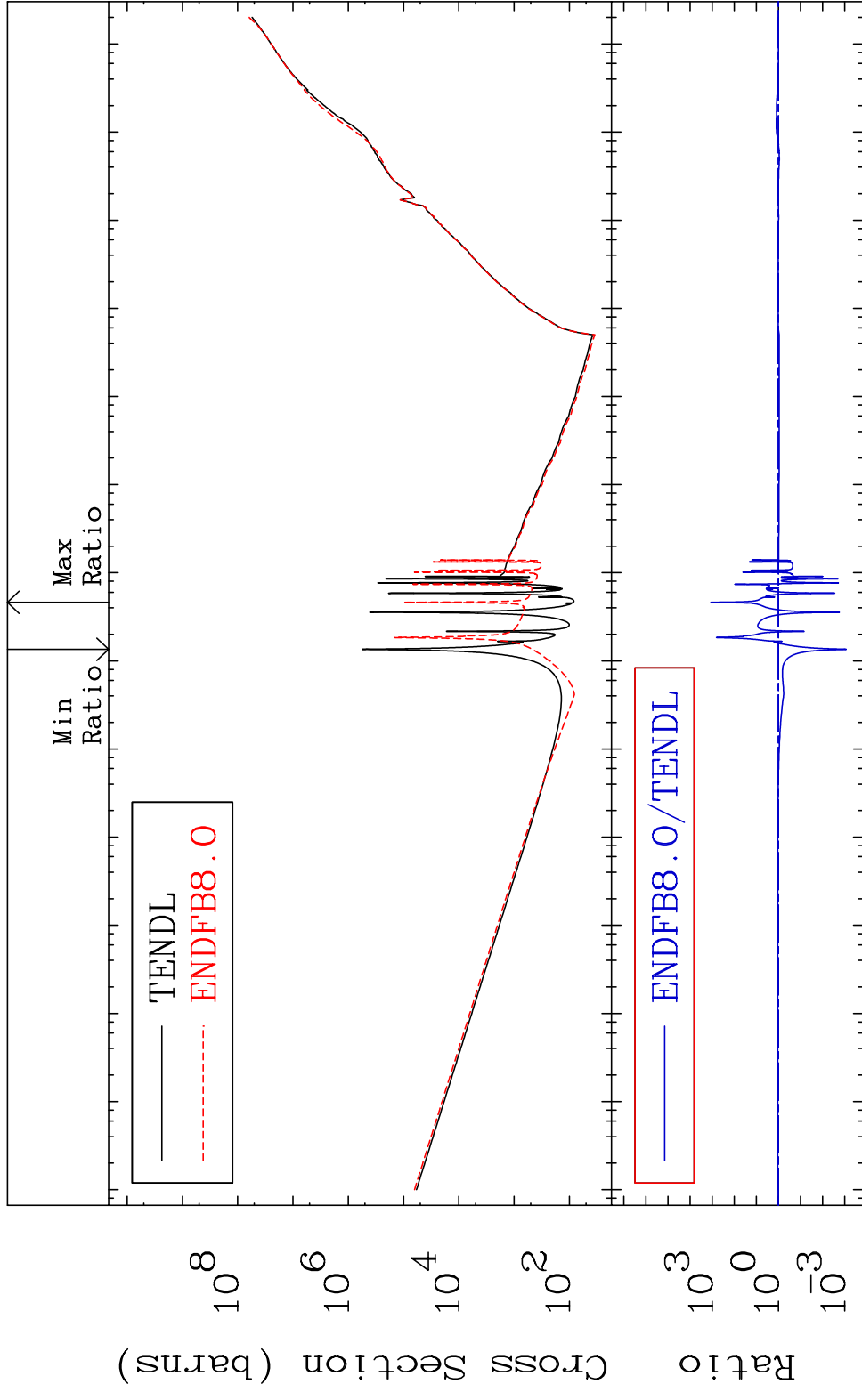


67

Incident Energy (eV)

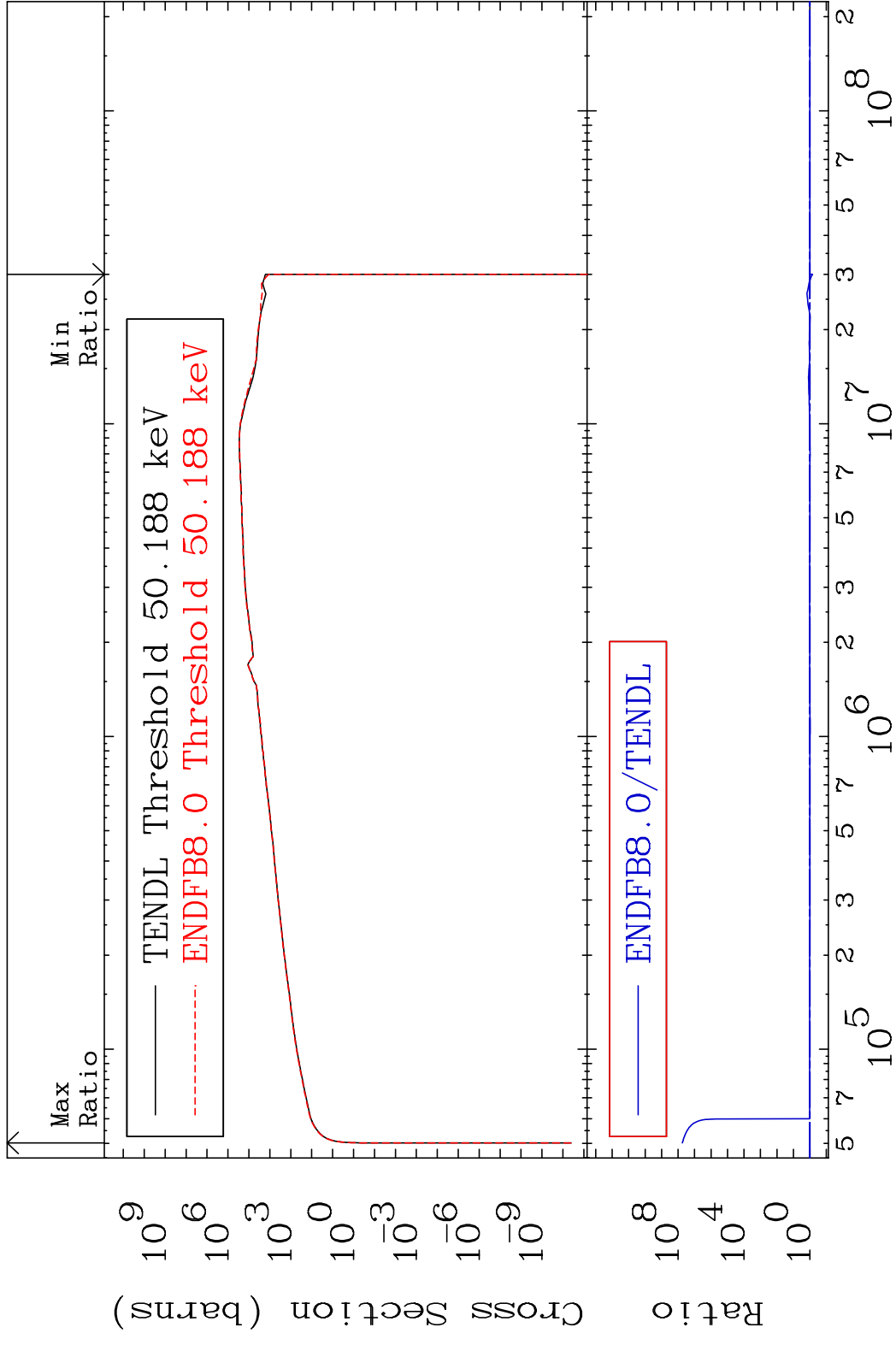
36-Kr-81

MAT 3634 Kerma non-elastic (all but mt2) 36-Kr-81  
 Cross Section -99.92 To 9999. %

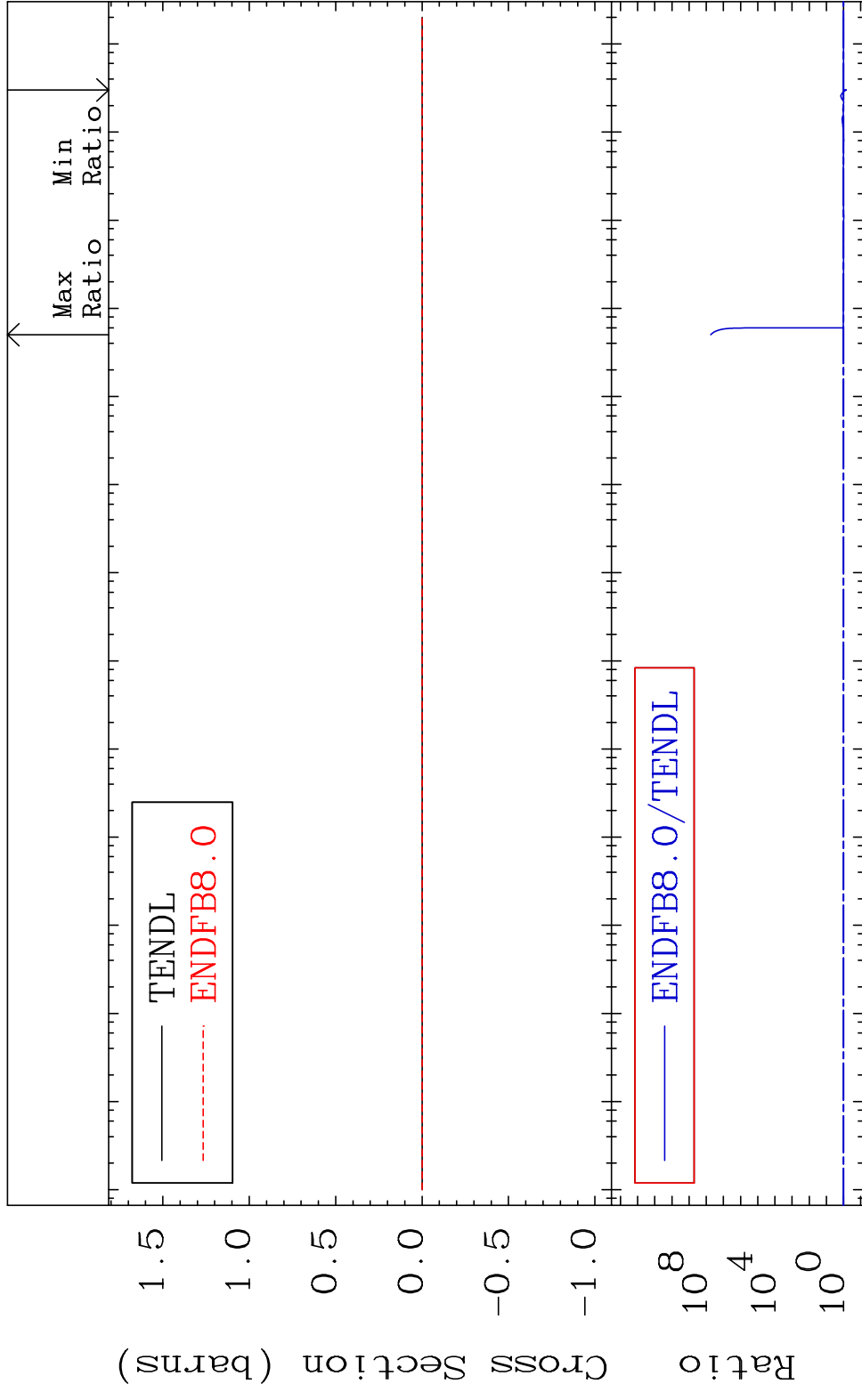


68 Incident Energy (eV) 36-Kr-81

MAT 3634 Kerma inelastic (mt51-91) 36-Kr-81  
 Cross Section -31.14 To 9999. %

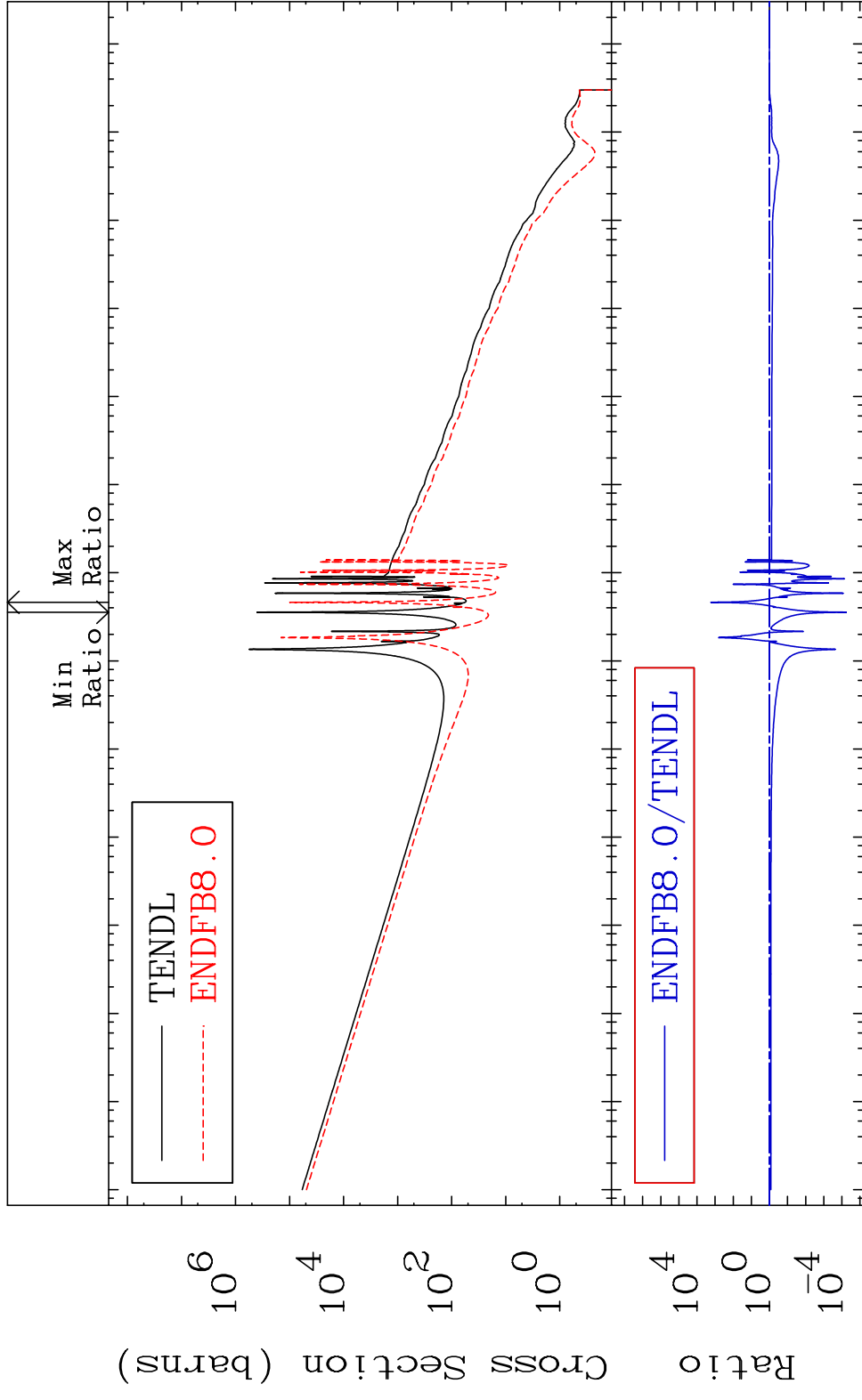


MAT 3634 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-81  
 Cross Section -31.14 To 9999. %



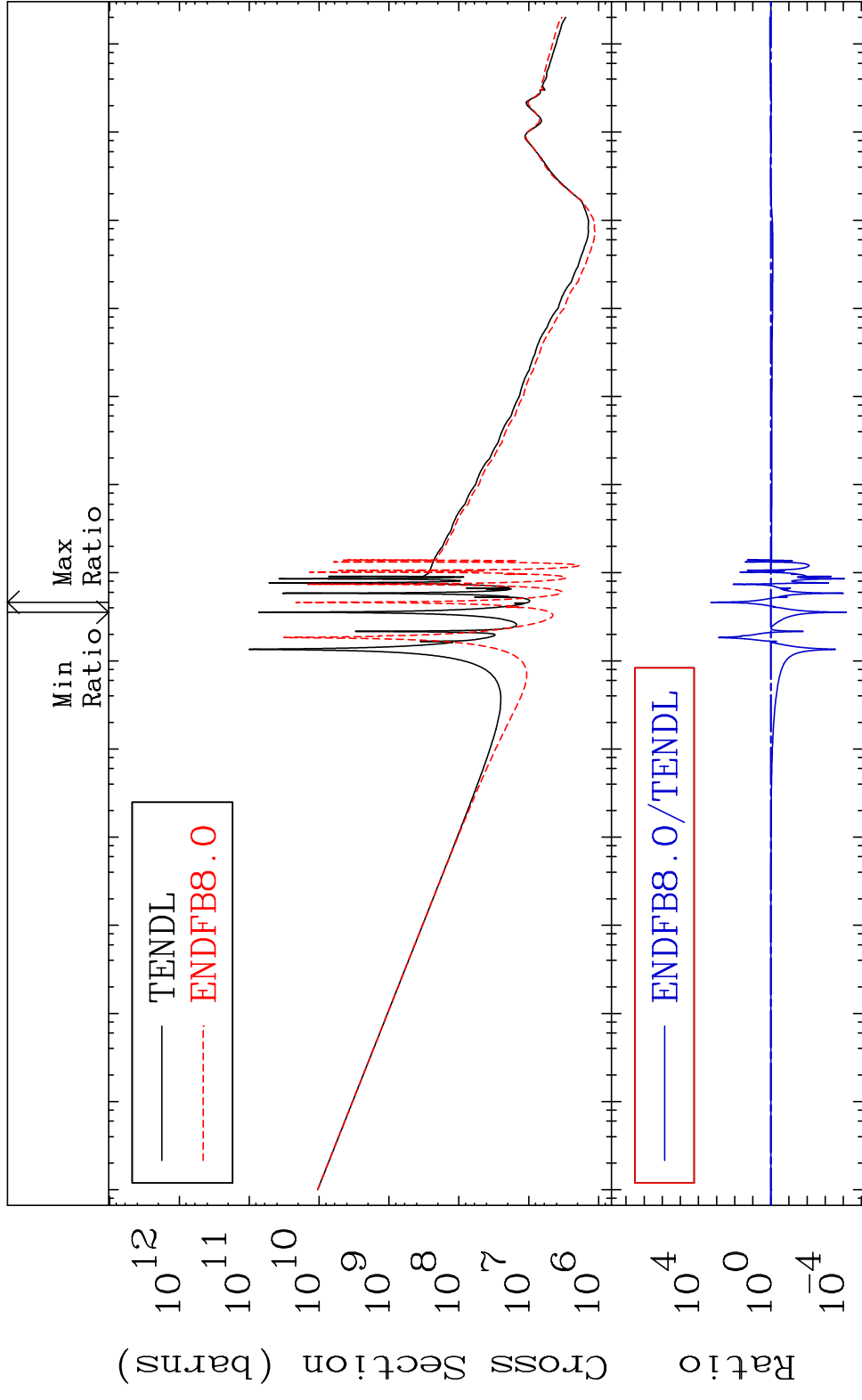
70 Incident Energy (eV) 36-Kr-81

MAT 3634 Kerma capture (mt102) 36-Kr-81  
 Cross Section -99.99 To 9999. %



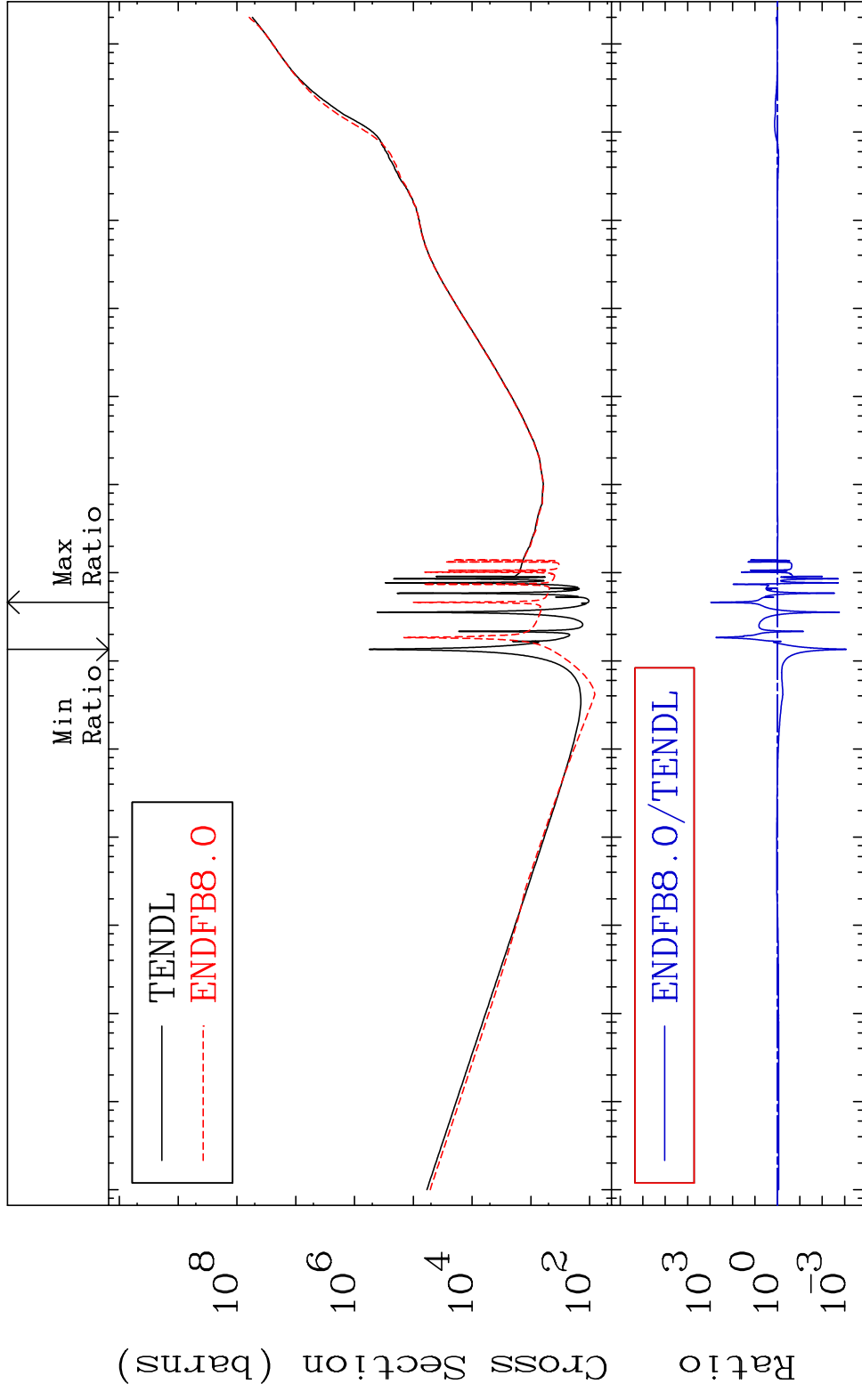


MAT 3634 Total photon (eV-barns) 36-Kr-81  
 Cross Section -99.99 To 9999. %



72 Incident Energy (eV) 36-Kr-81

MAT 3634 Total kinematic kerma (high limit) 36-Kr-81  
 Cross Section -99.92 To 9999. %

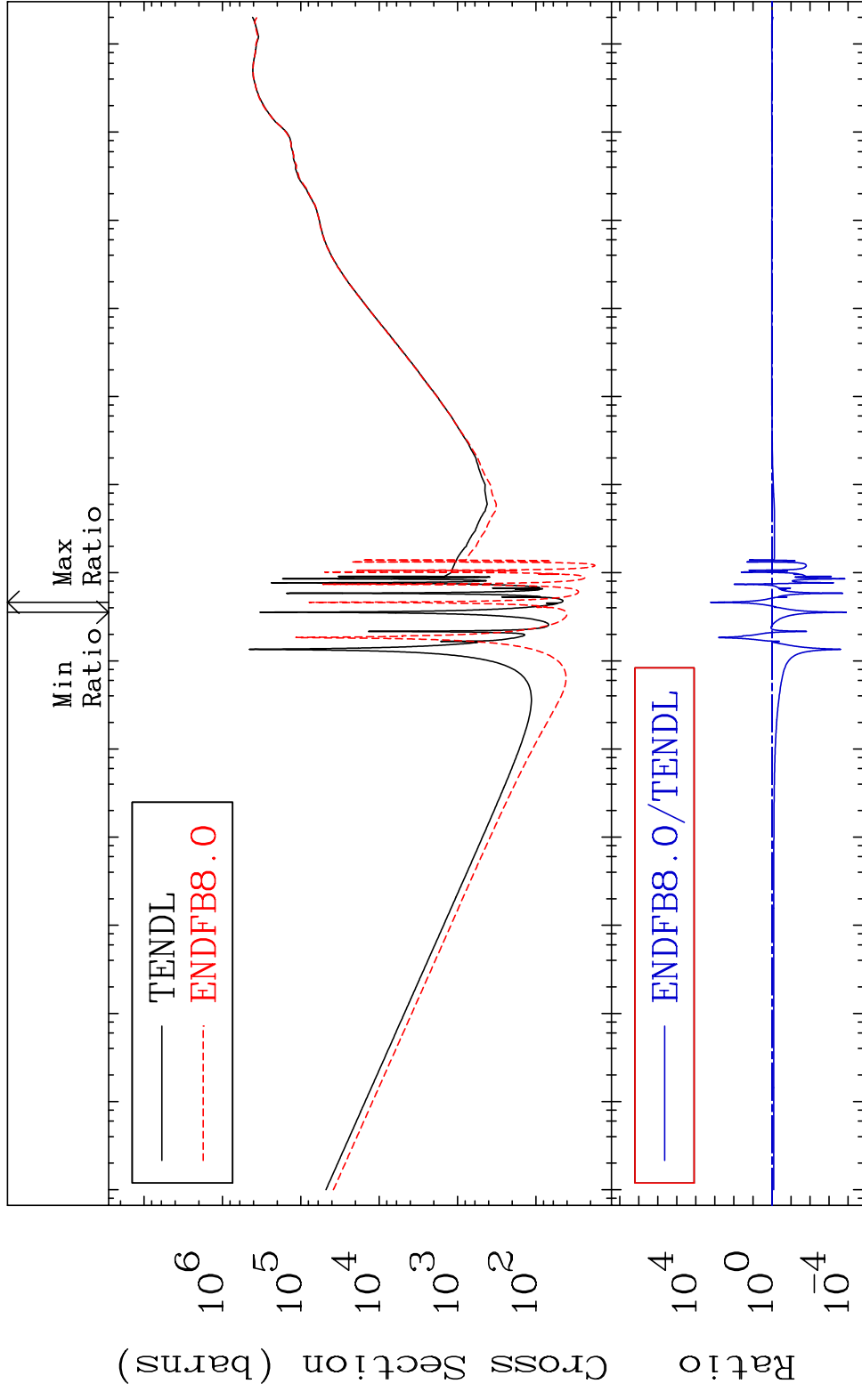


Ratio  
 $10^3$   
 $10^0$   
 $10^{-3}$

Incident Energy (eV)

$10^{-5}$   $10^{-4}$   $10^{-3}$   $10^{-2}$   $10^{-1}$   $10^0$   $10^1$   $10^2$   $10^3$   $10^4$   $10^5$   $10^6$   $10^7$   $10^8$

MAT 3634      Dpa total (eV-barns)      36-Kr-81  
 Cross Section      -99.99 To 9999. %



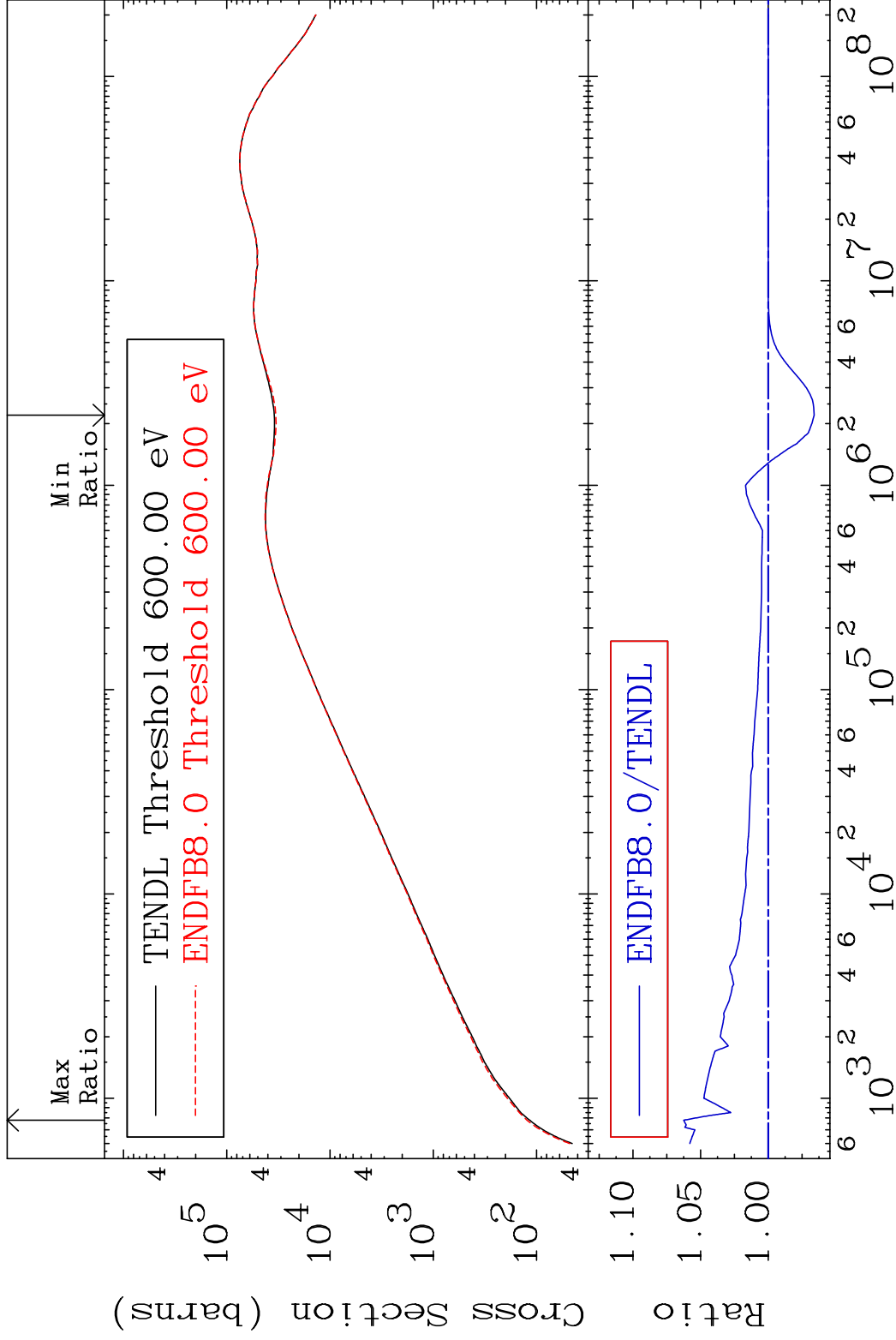
74      Incident Energy (eV)      36-Kr-81

MAT 3634

Dpa elastic (mt2)

36-Kr-81

Cross Section -3.396 To 6.253 %

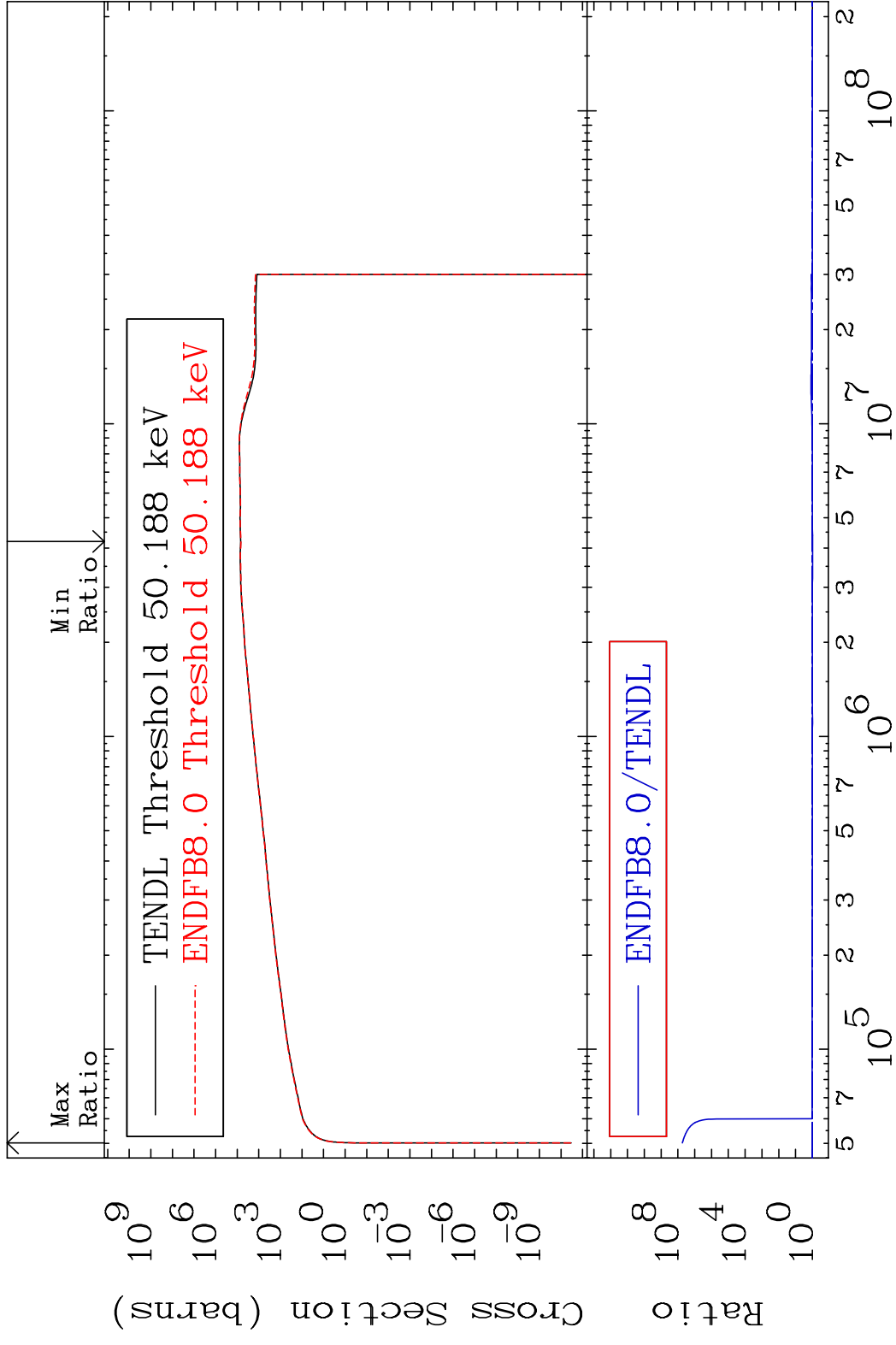


75

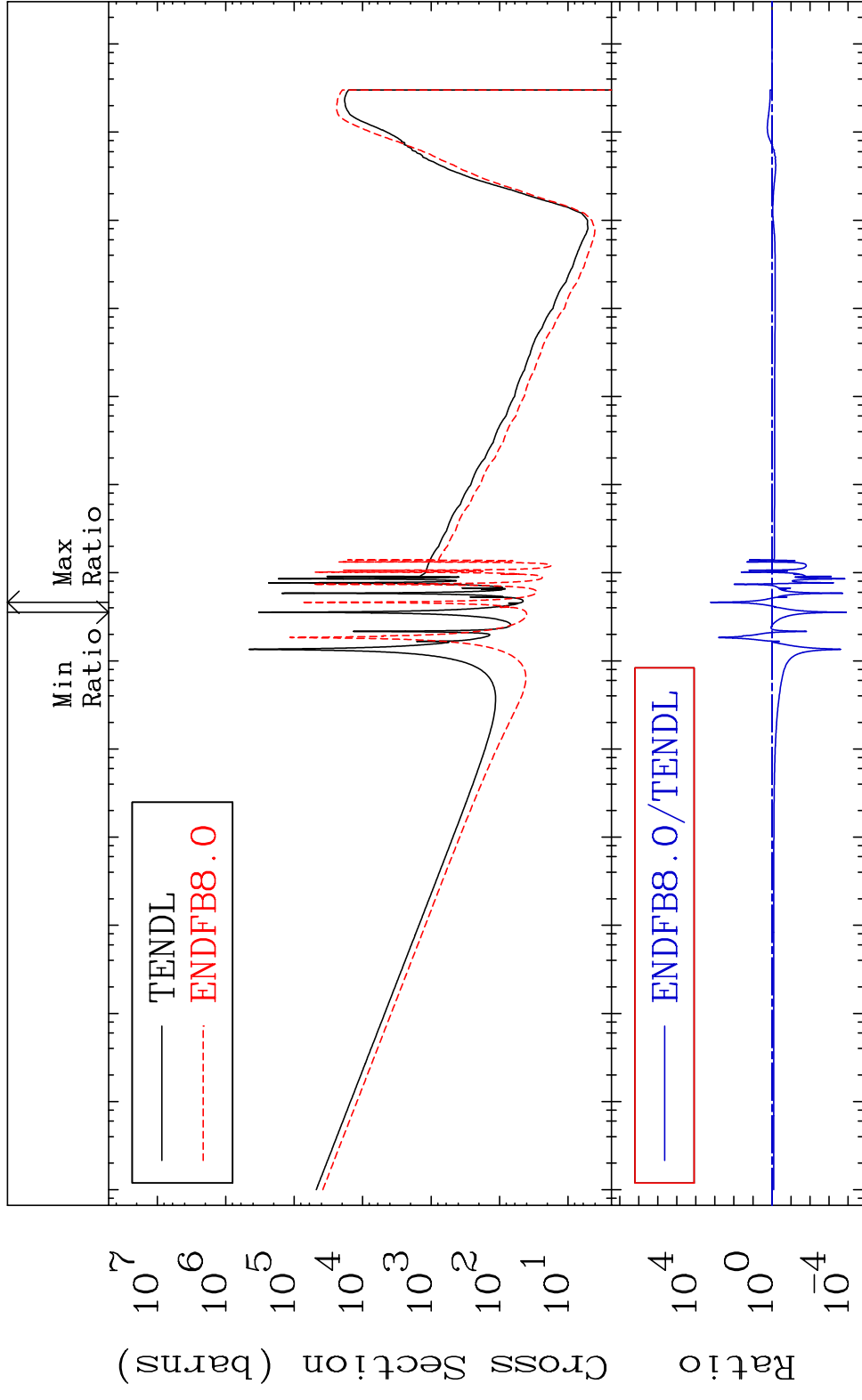
Incident Energy (eV)

36-Kr-81

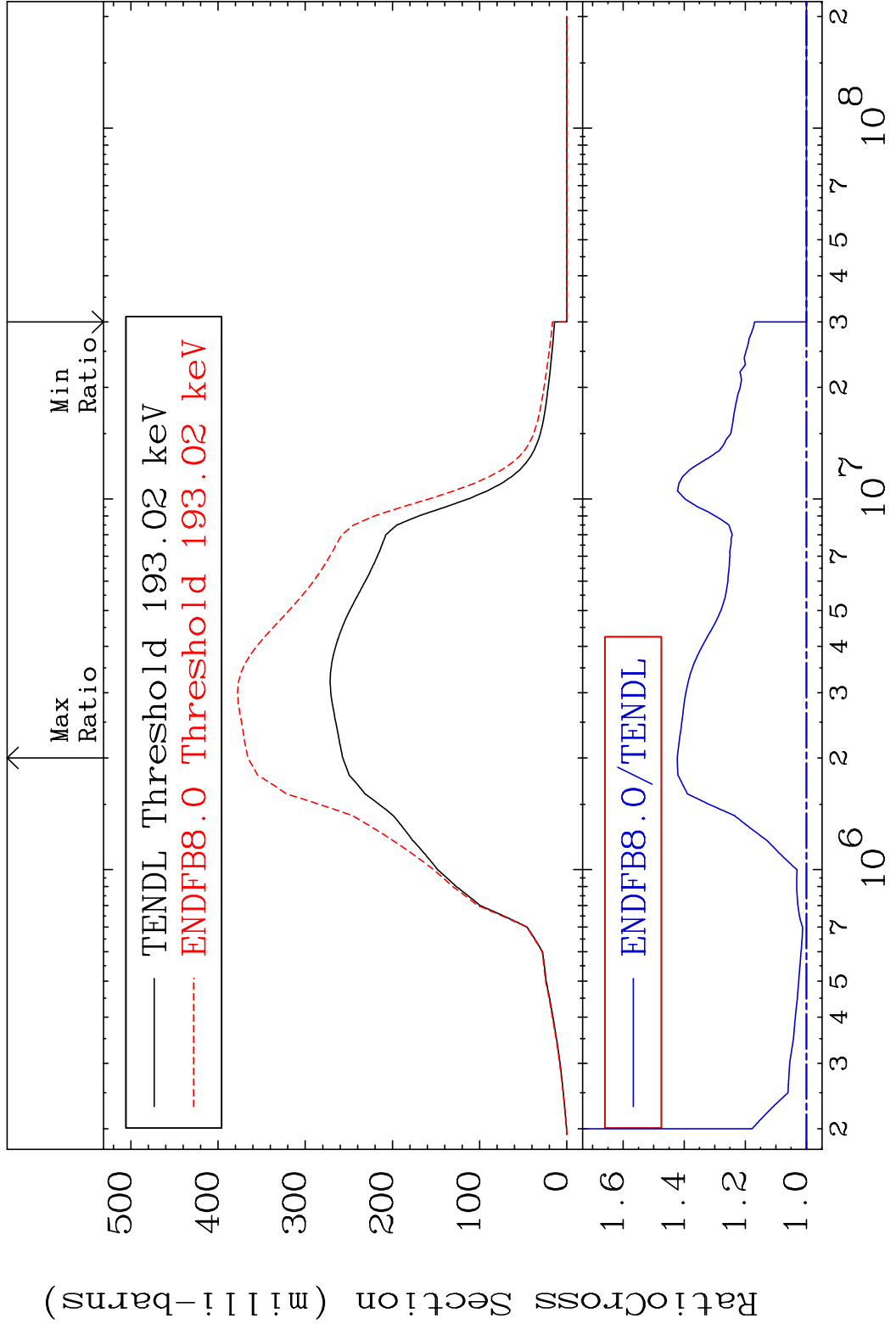
MAT 3634      Dpa inelastic (mt51-91)      36-Kr-81  
 Cross Section    -2.523 To 9999. %



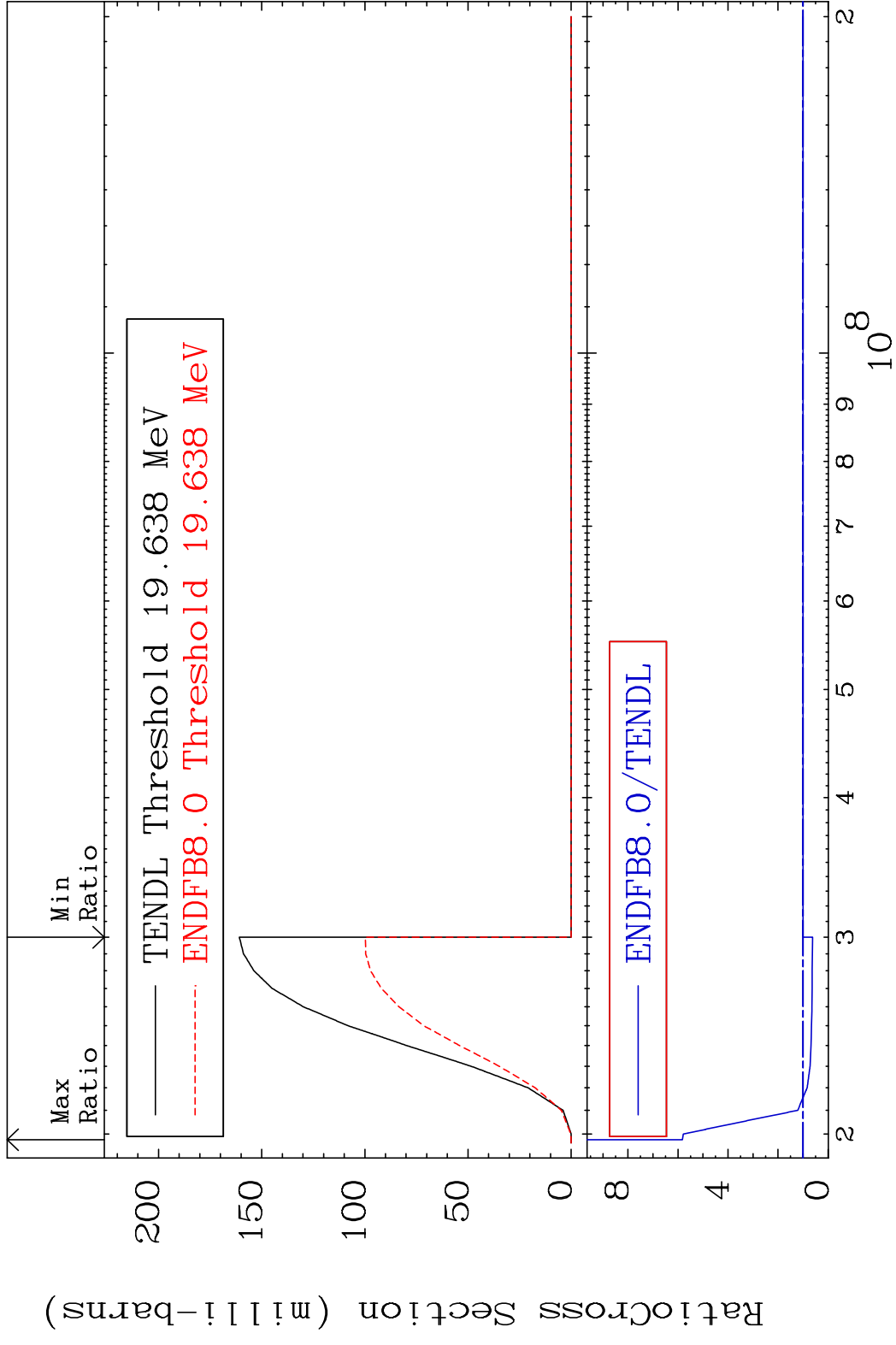
MAT 3634 Dpa disappearance (mt102 -120) 36-Kr-81  
 Cross Section -99.99 To 9999. %



MAT 3634 Inelastic:36-Kr-81m2 36-Kr-81  
 Radionuclide Production Cross Section 42.31 %

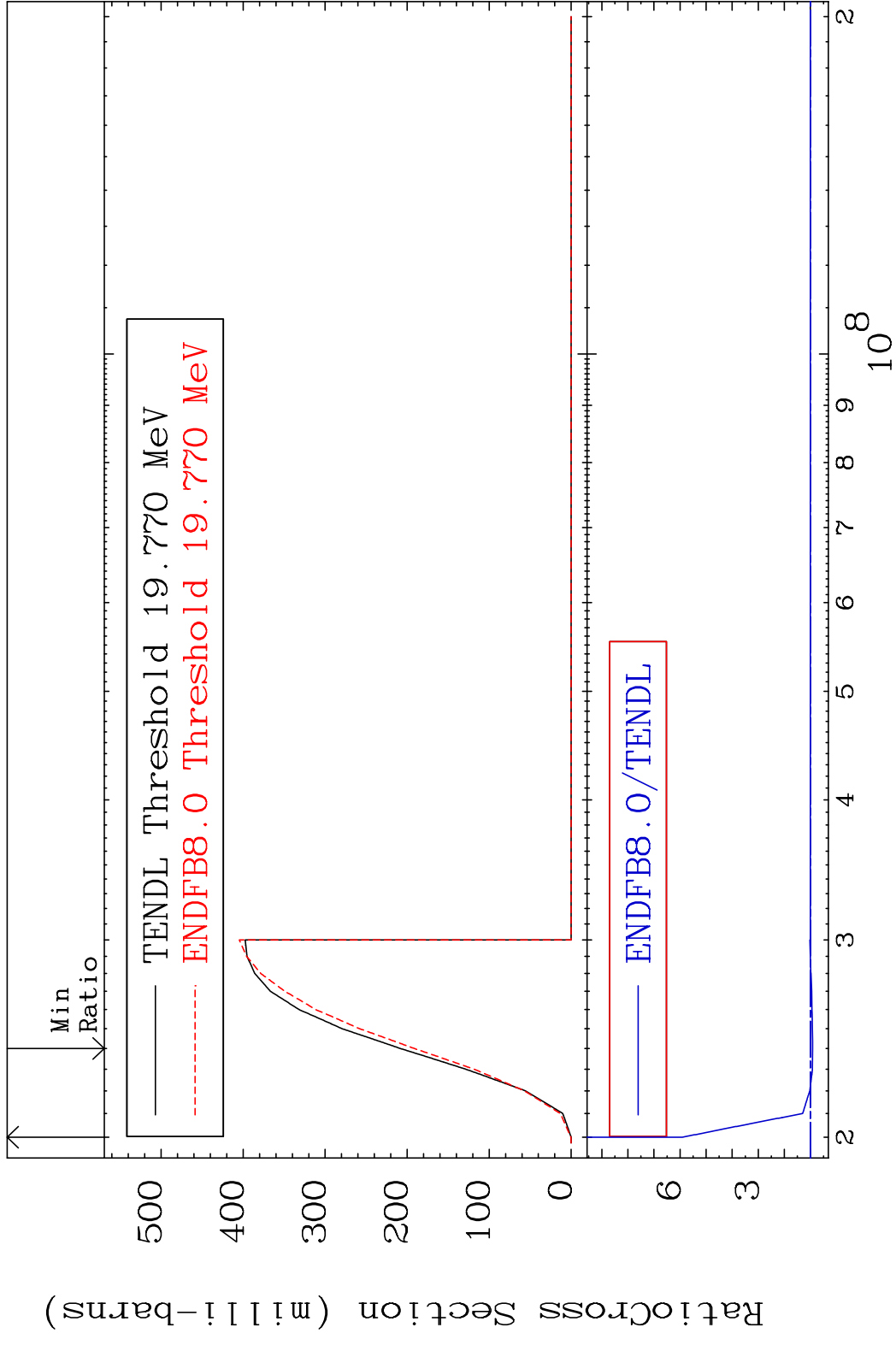


MAT 3634 (n,3n):36-Kr-79g 36-Kr-81  
 Radionuclide Production Cross Section 482.6 %

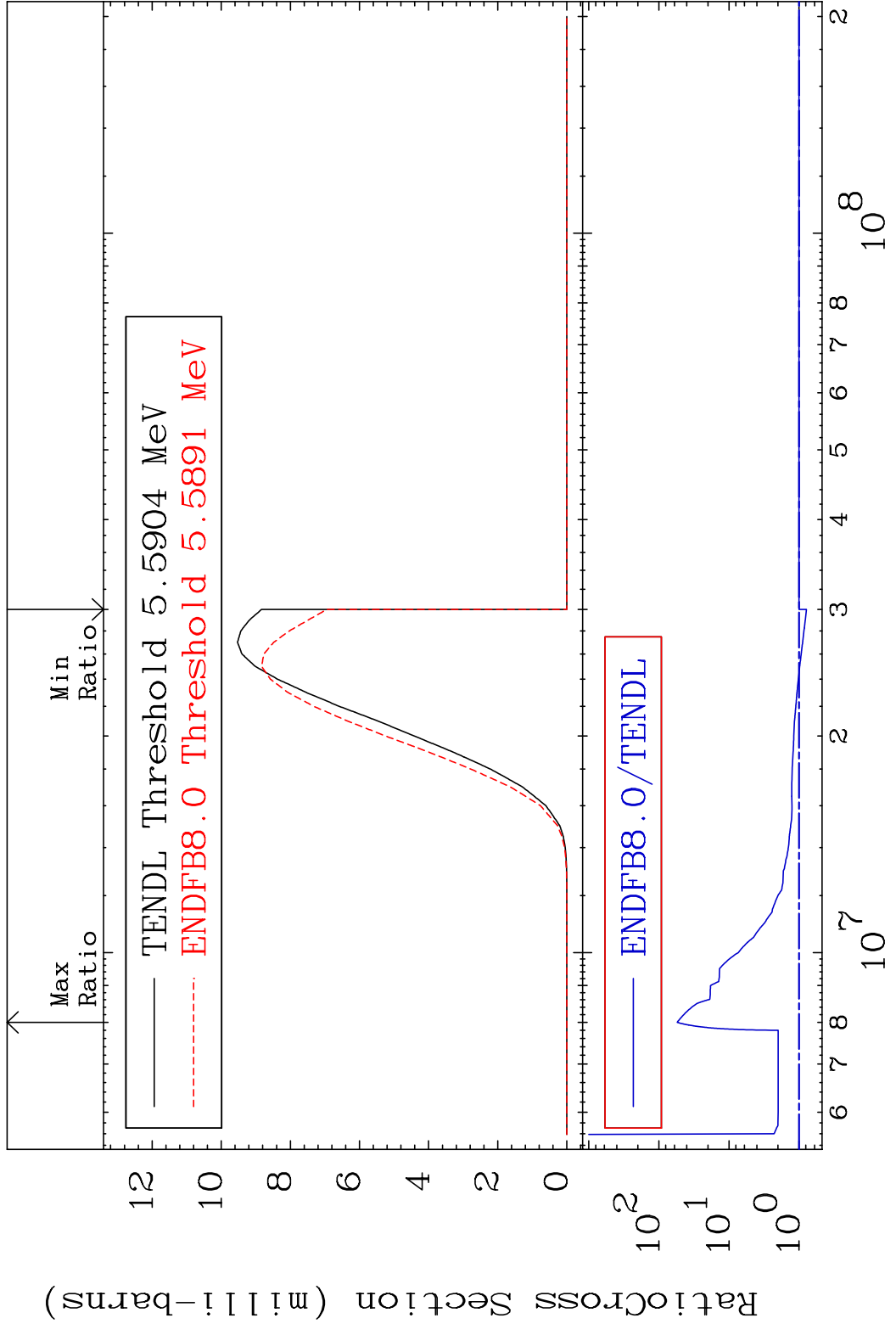




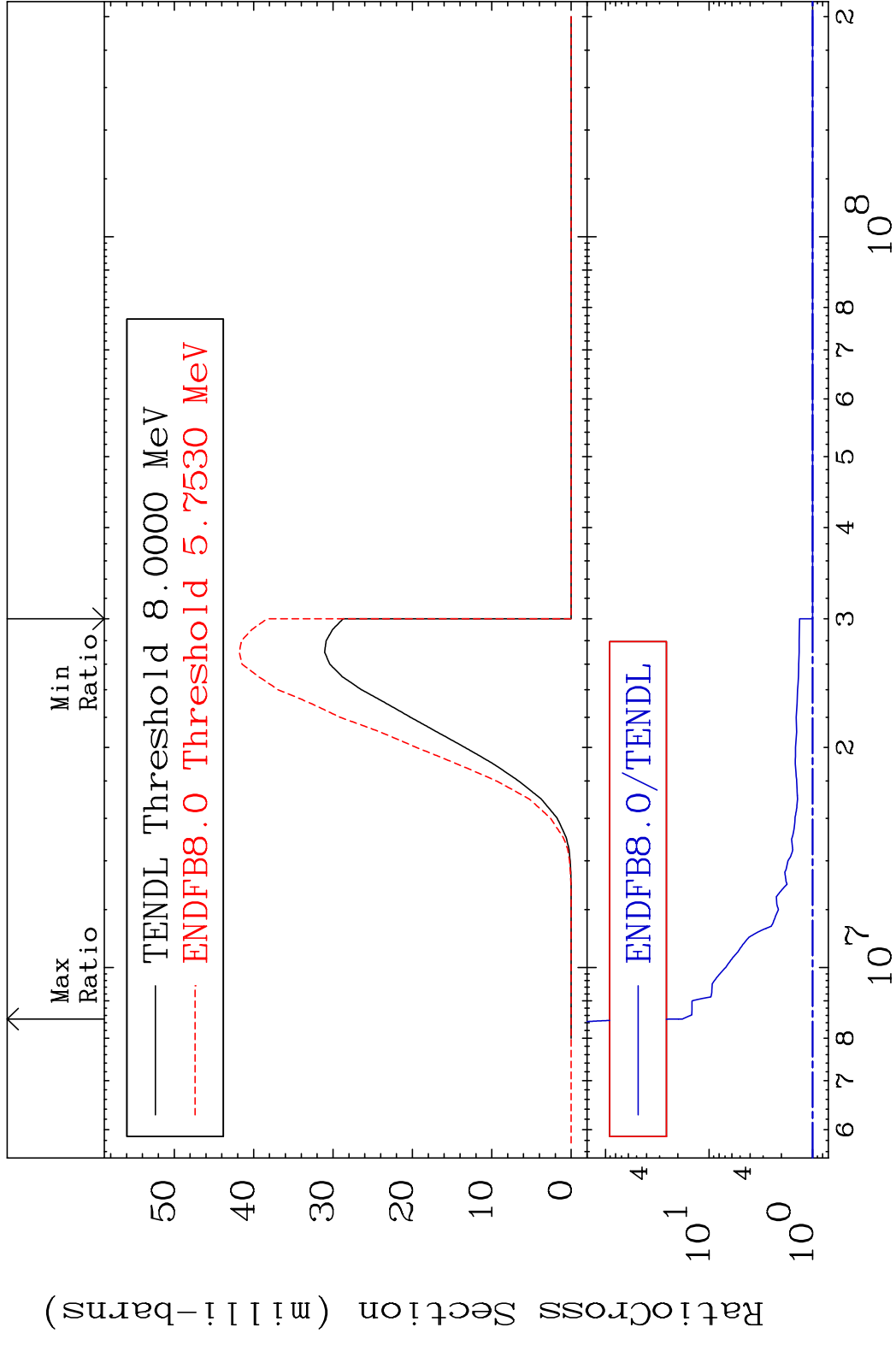
MAT 3634 (n,3n):36-Kr-79m1 36-Kr-81  
 Radionuclide Production Cross Section 491.1 %



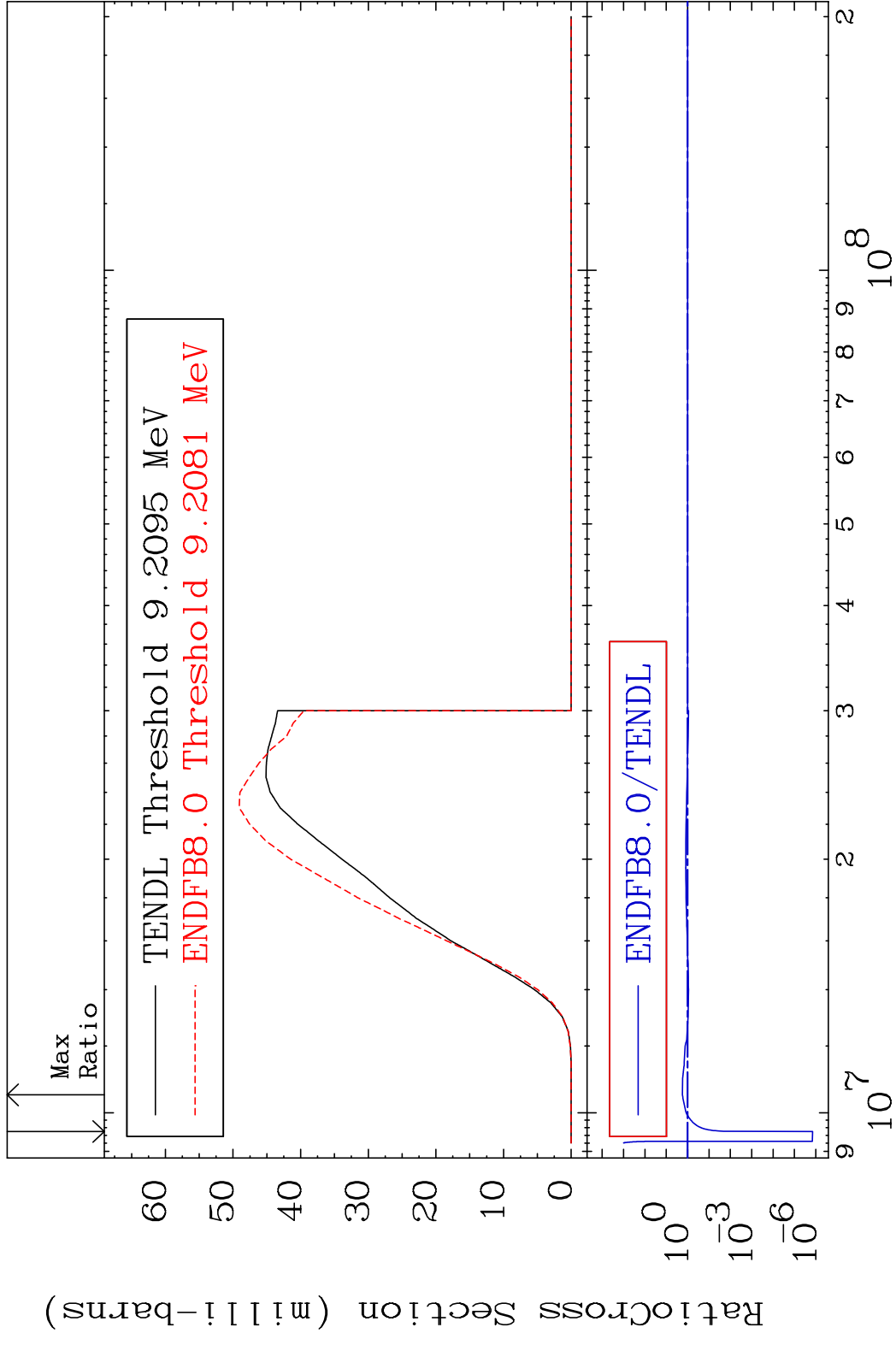
80 Incident Energy (eV) 36-Kr-81



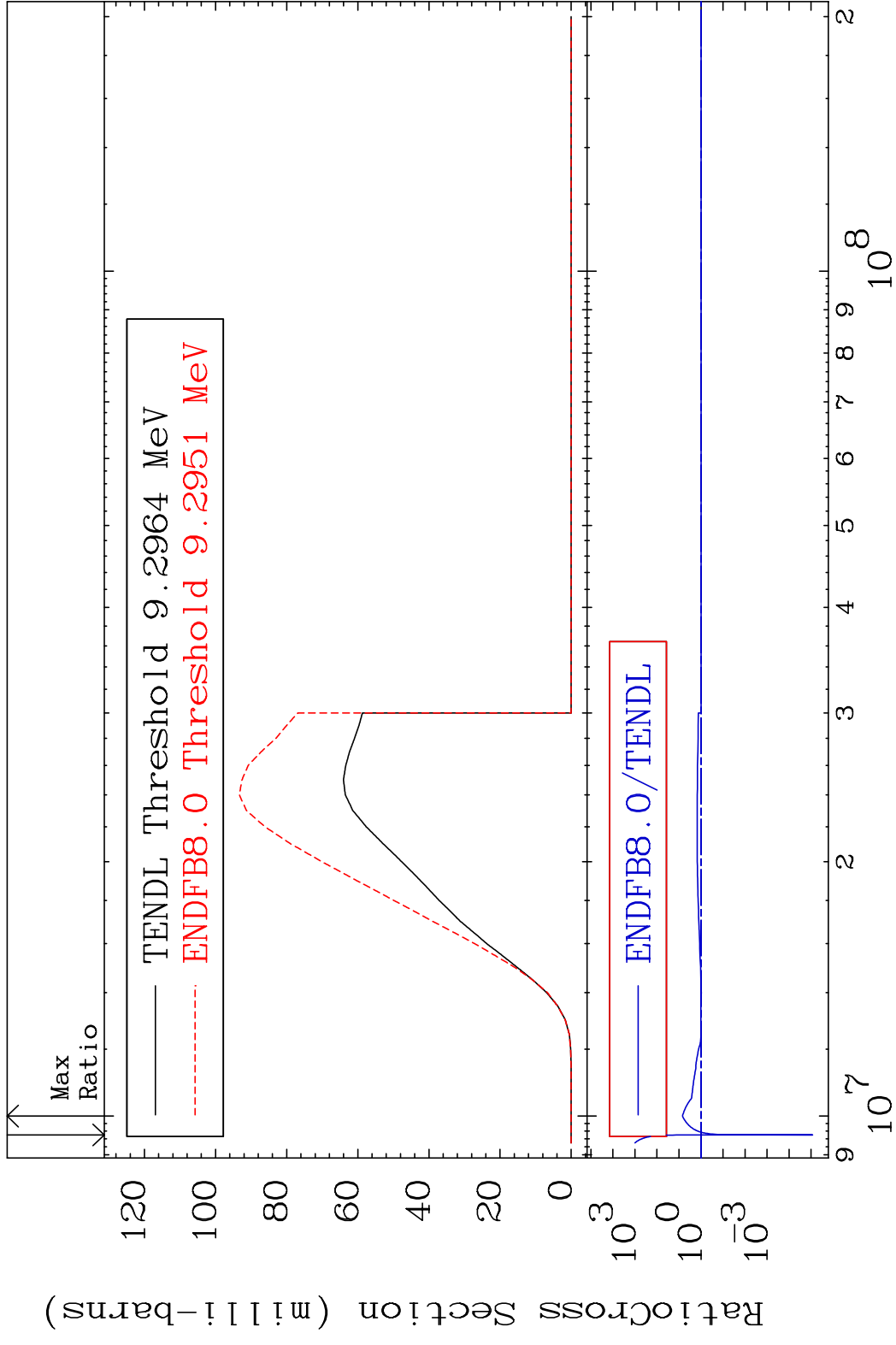
MAT 3634 (n, n')  $\alpha$ :34-Se-77m1 36-Kr-81  
 Radionuclide Production Cross Section 1709. %



MAT 3634 (n, n') p:35-Br-80g 36-Kr-81  
 Radionuclide Production Cross Section 180.0 dth 76.65 %

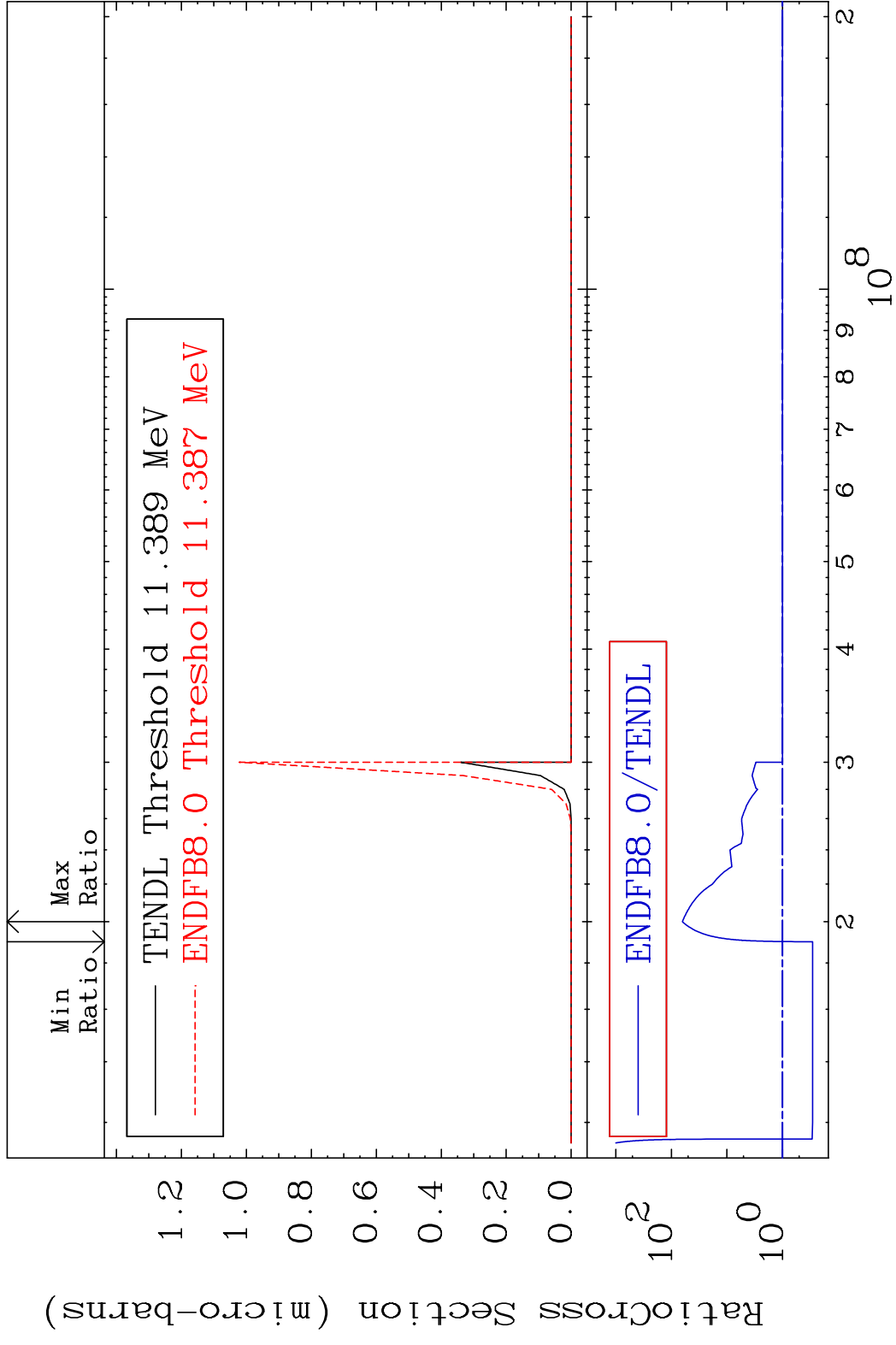


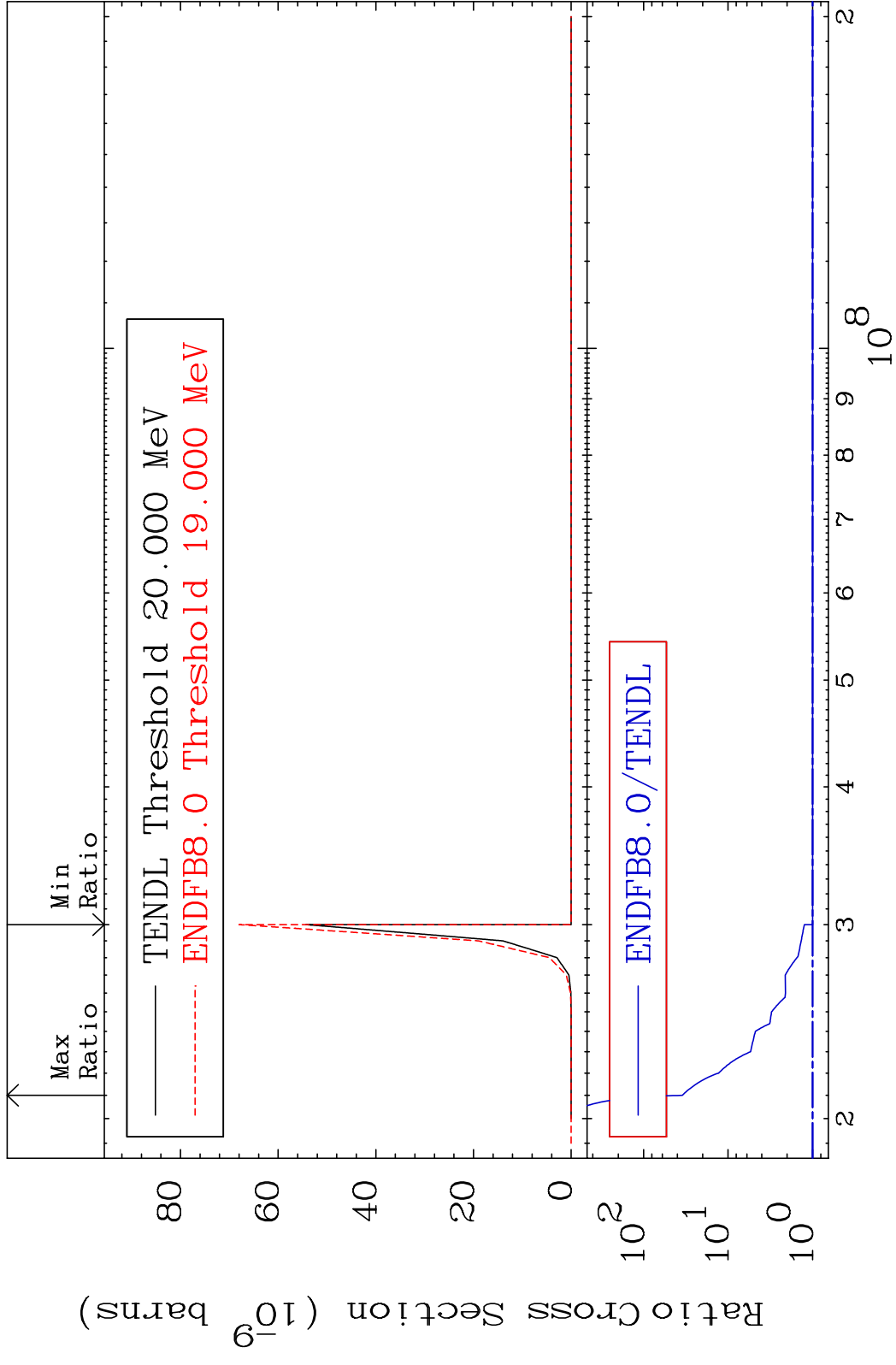
MAT 3634 (n, n') p:35-Br-80m2 36-Kr-81  
 Radionuclide Production Cross Section 602.2 %

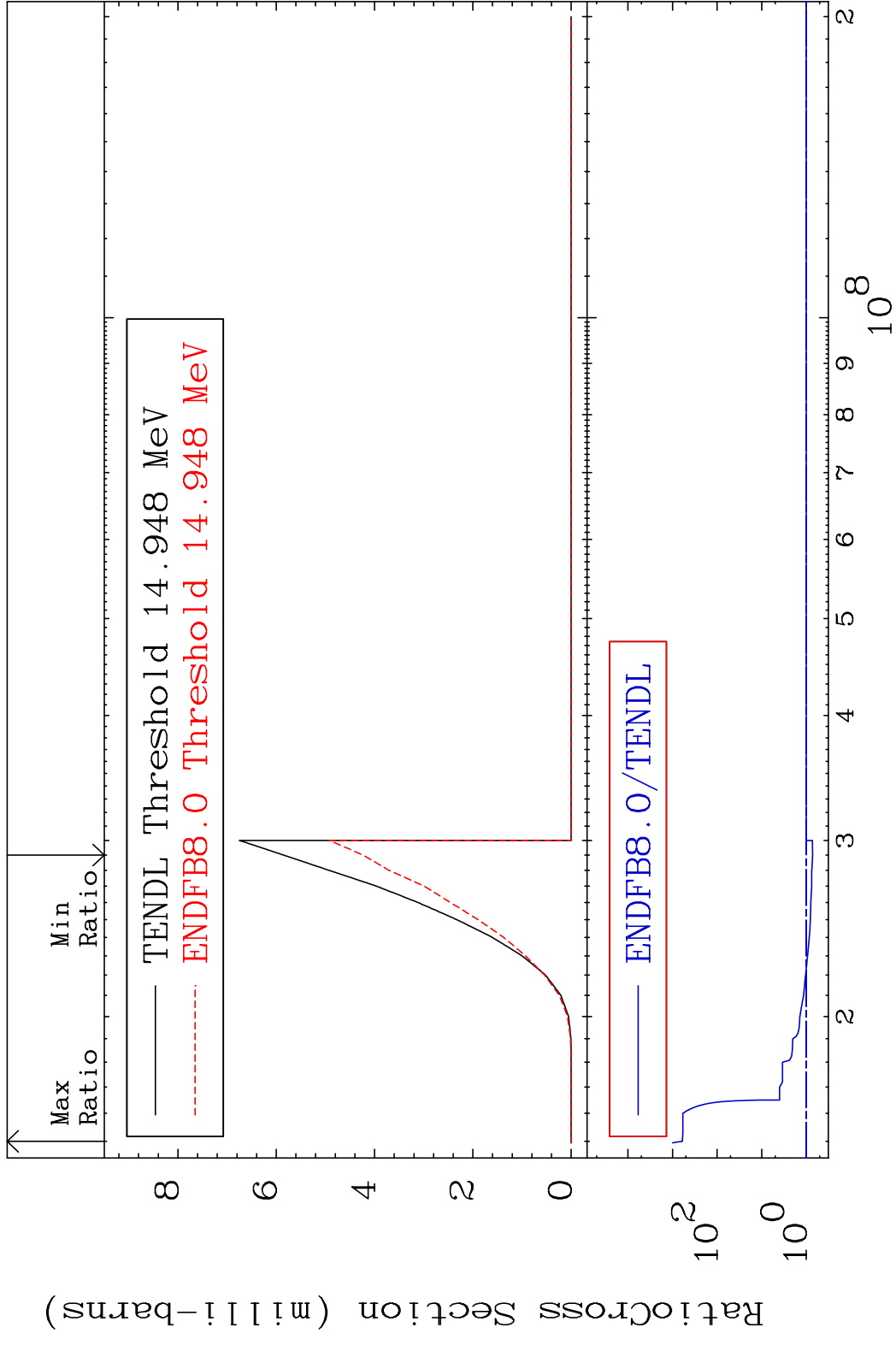


84 Incident Energy (eV) 36-Kr-81

MAT 3634 (n, n')  $^{232}\text{Ge}$ - $^{73}\text{g}$   $^{36}\text{Kr}$ -81  
 Radionuclide Production Cross Section to 6237. %

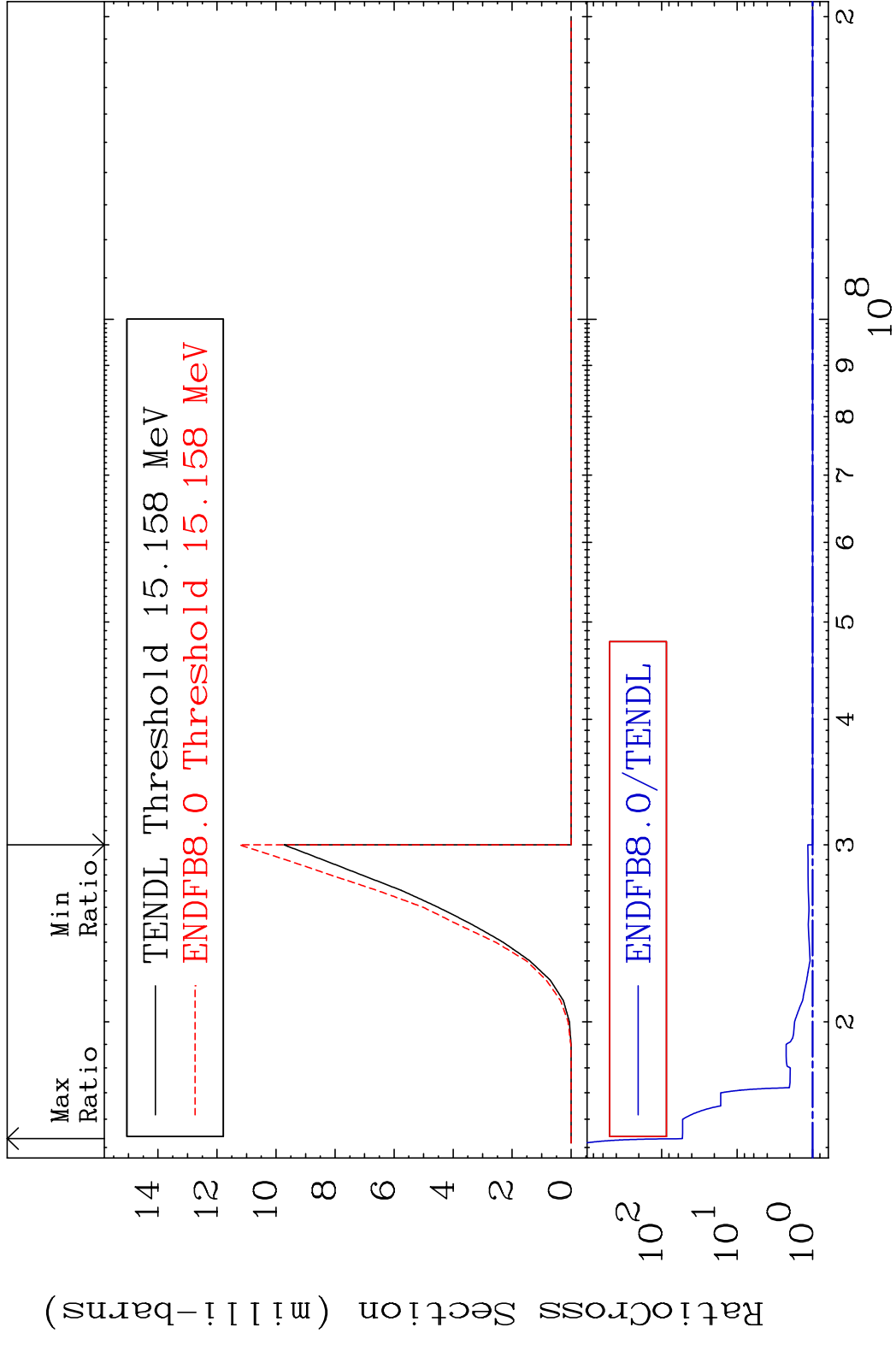


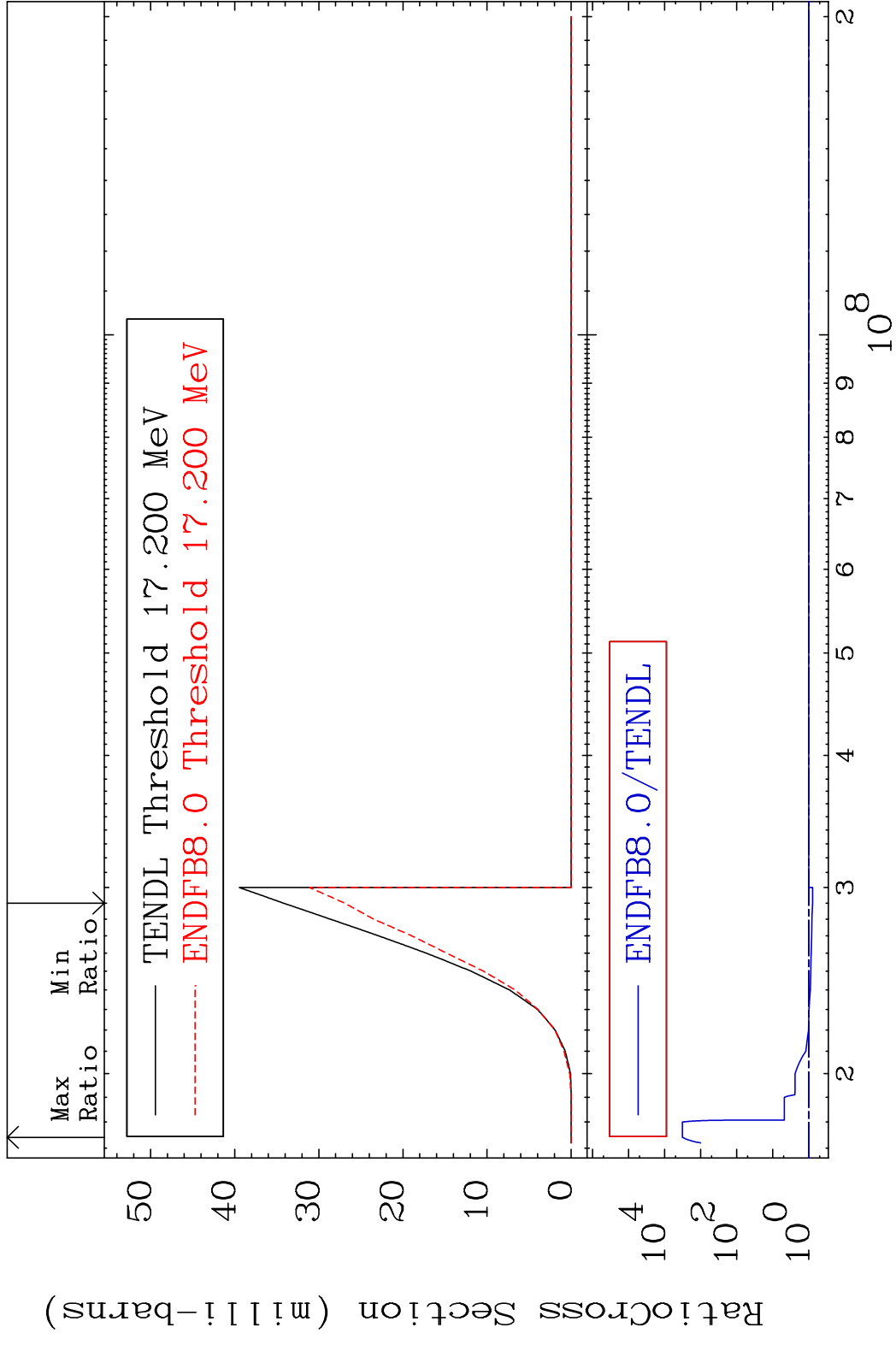




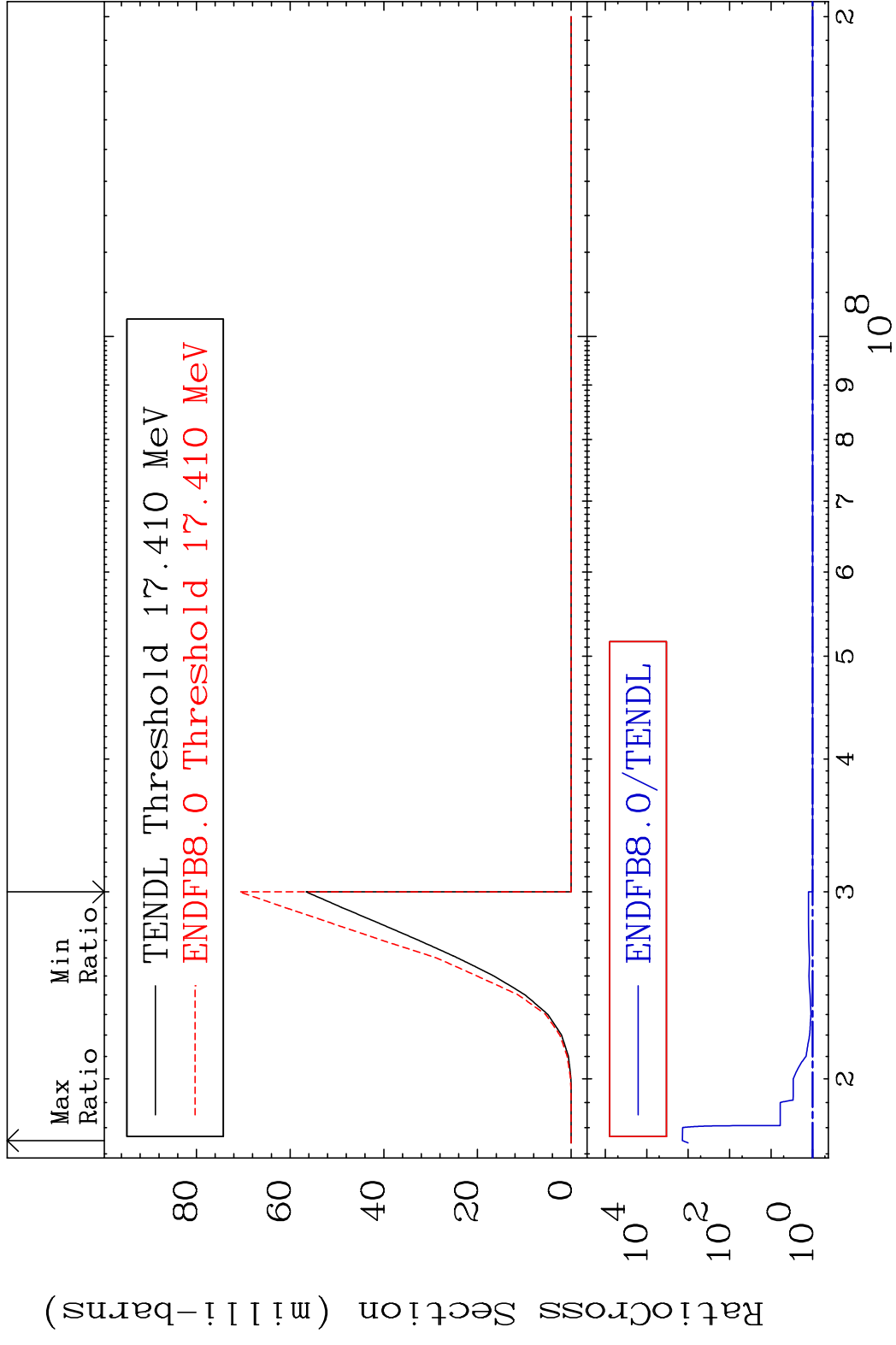


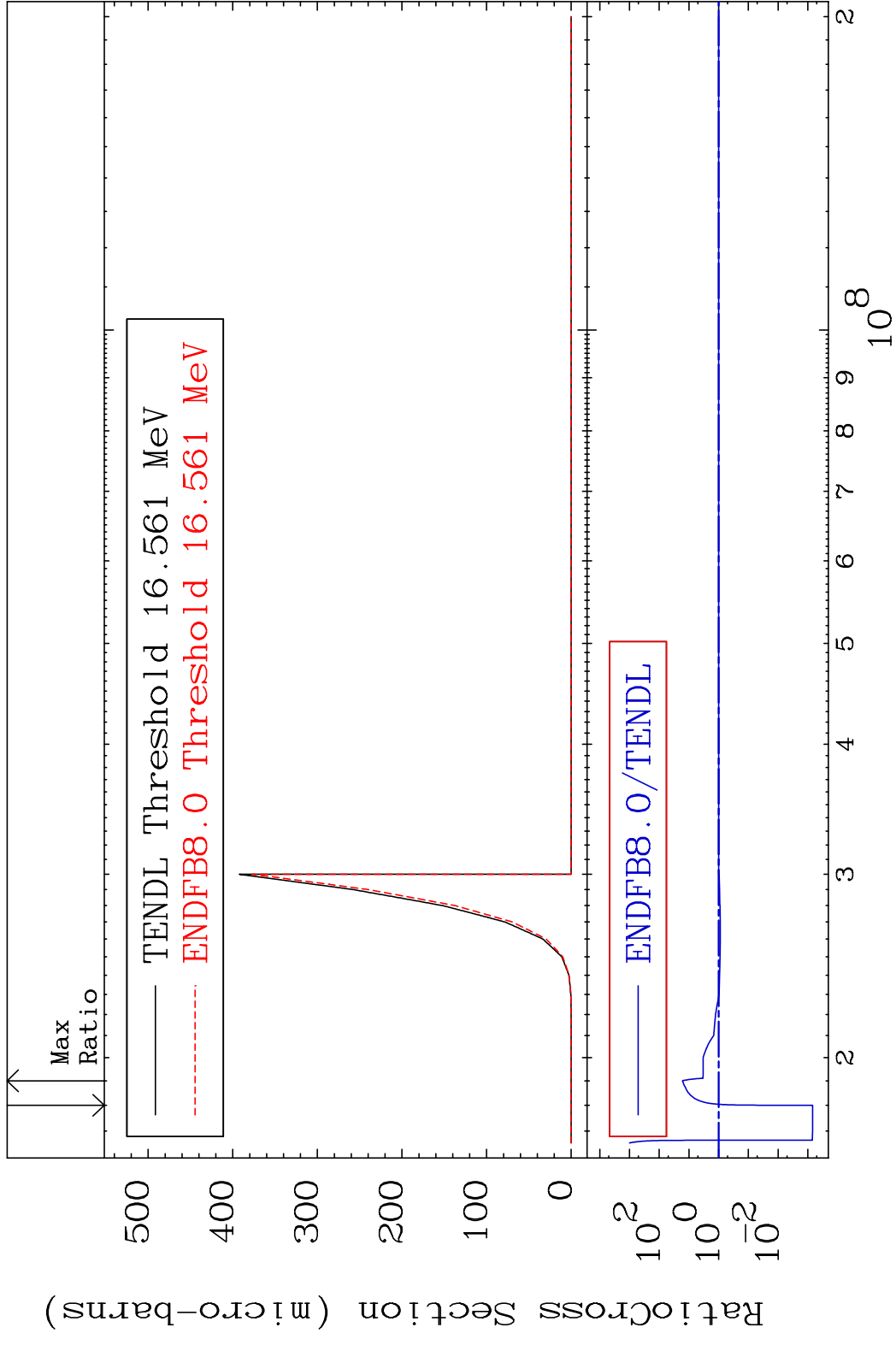
MAT 3634 (n, n') d:35-Br-79m1 36-Kr-81  
 Radionuclide Production Cross Section 5214. %

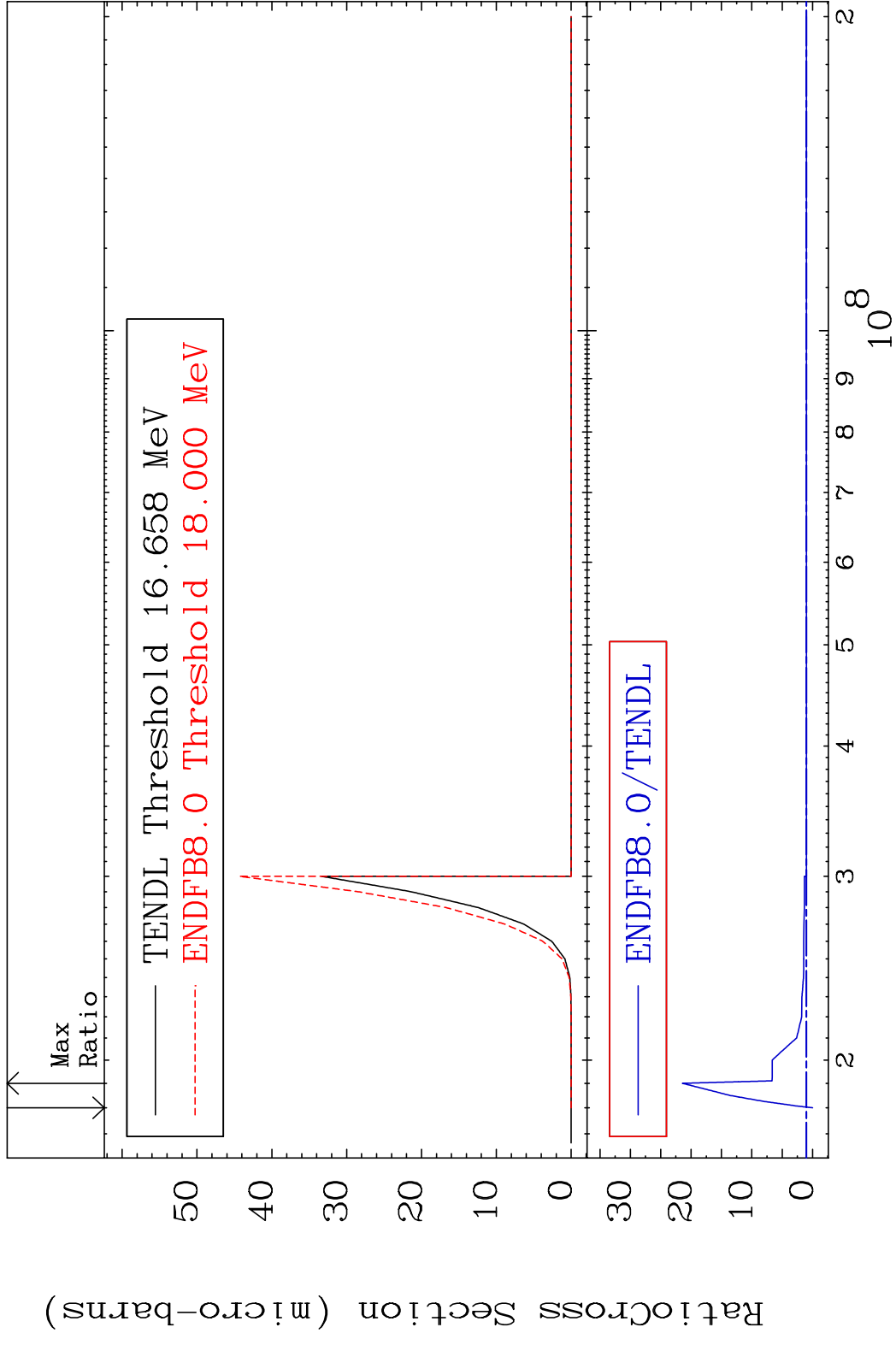




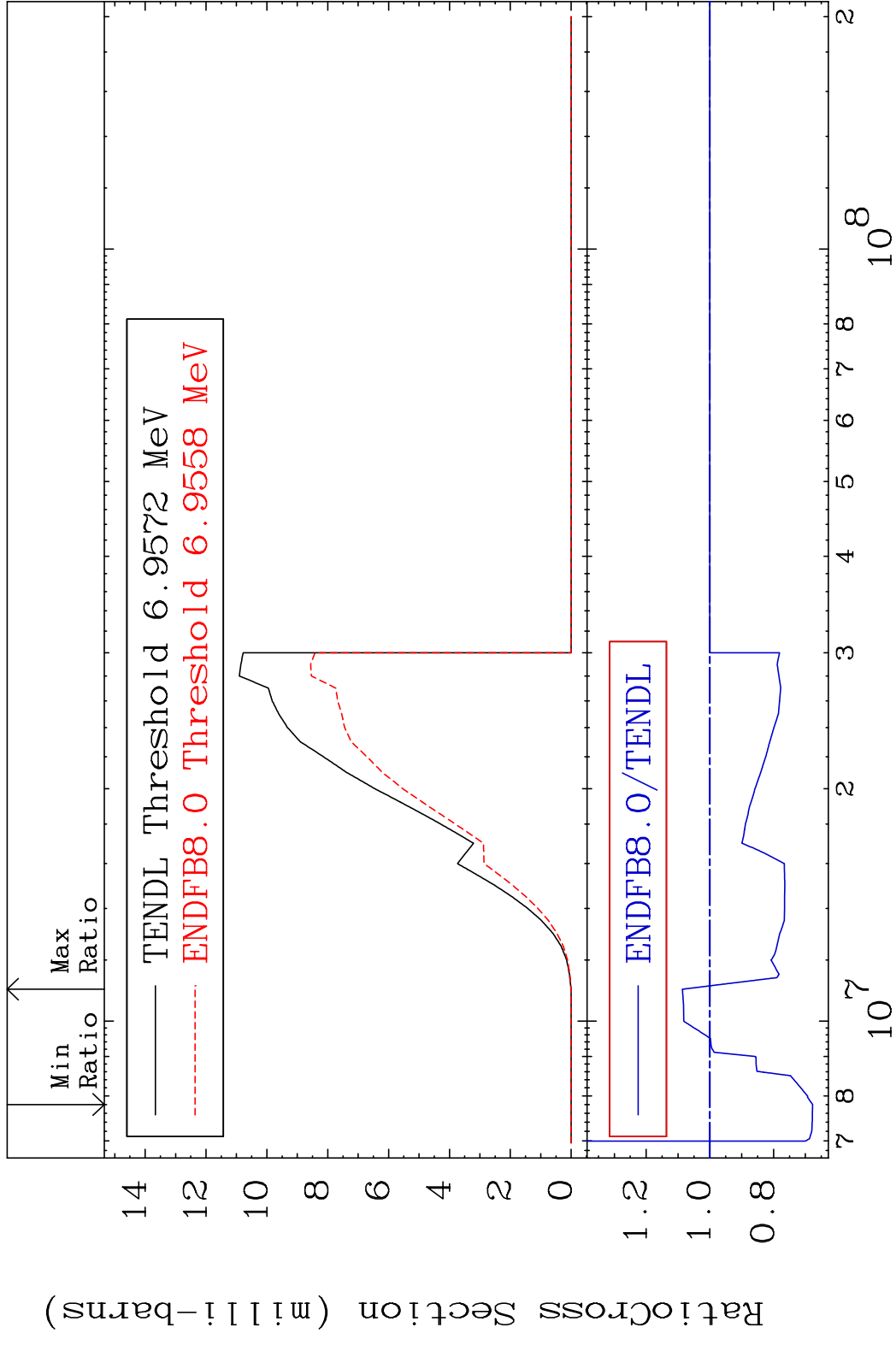
MAT 3634 (n,2n) p:35-Br-79m1 36-Kr-81  
 Radionuclide Production Cross Section 9999. %



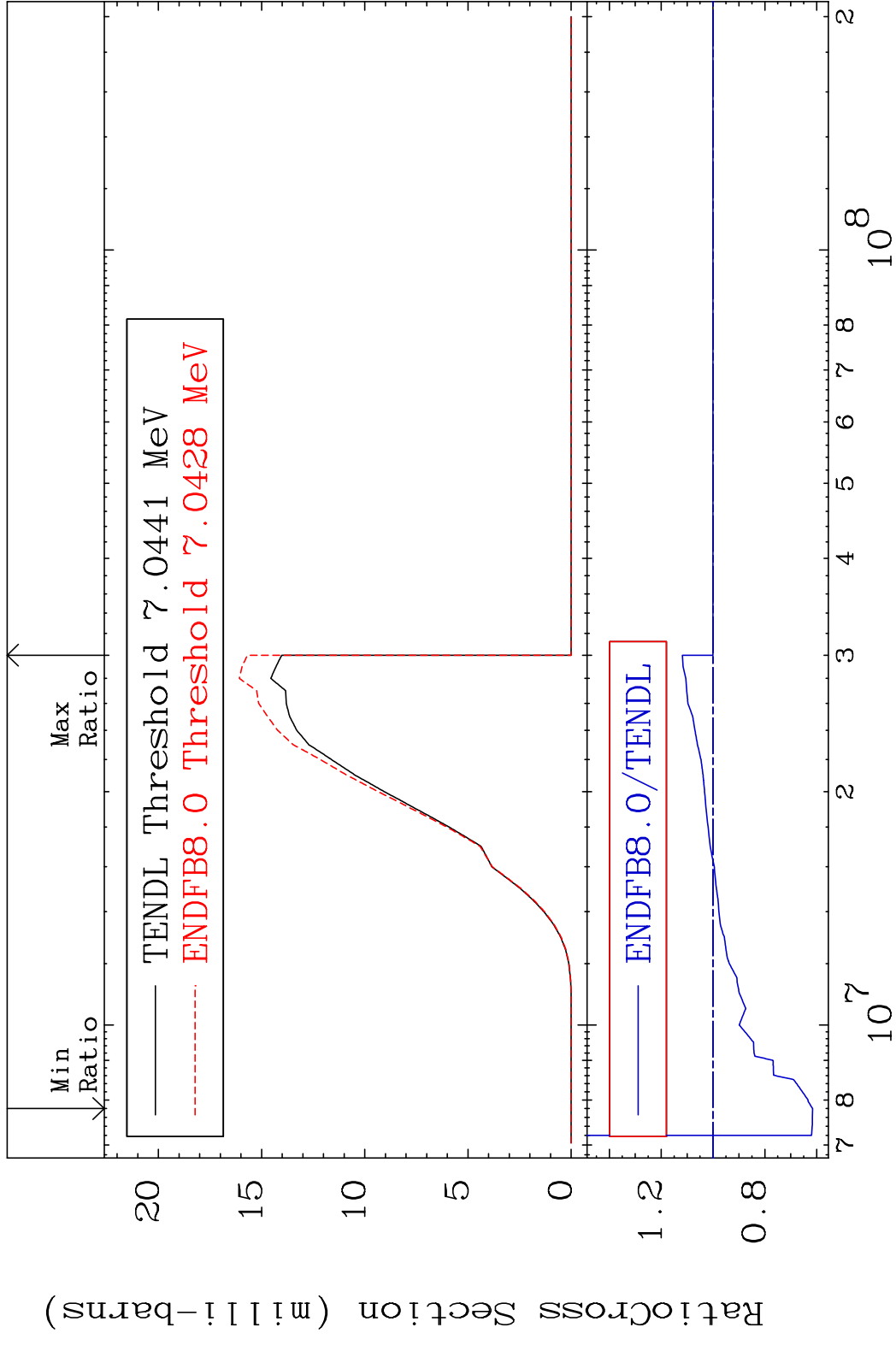




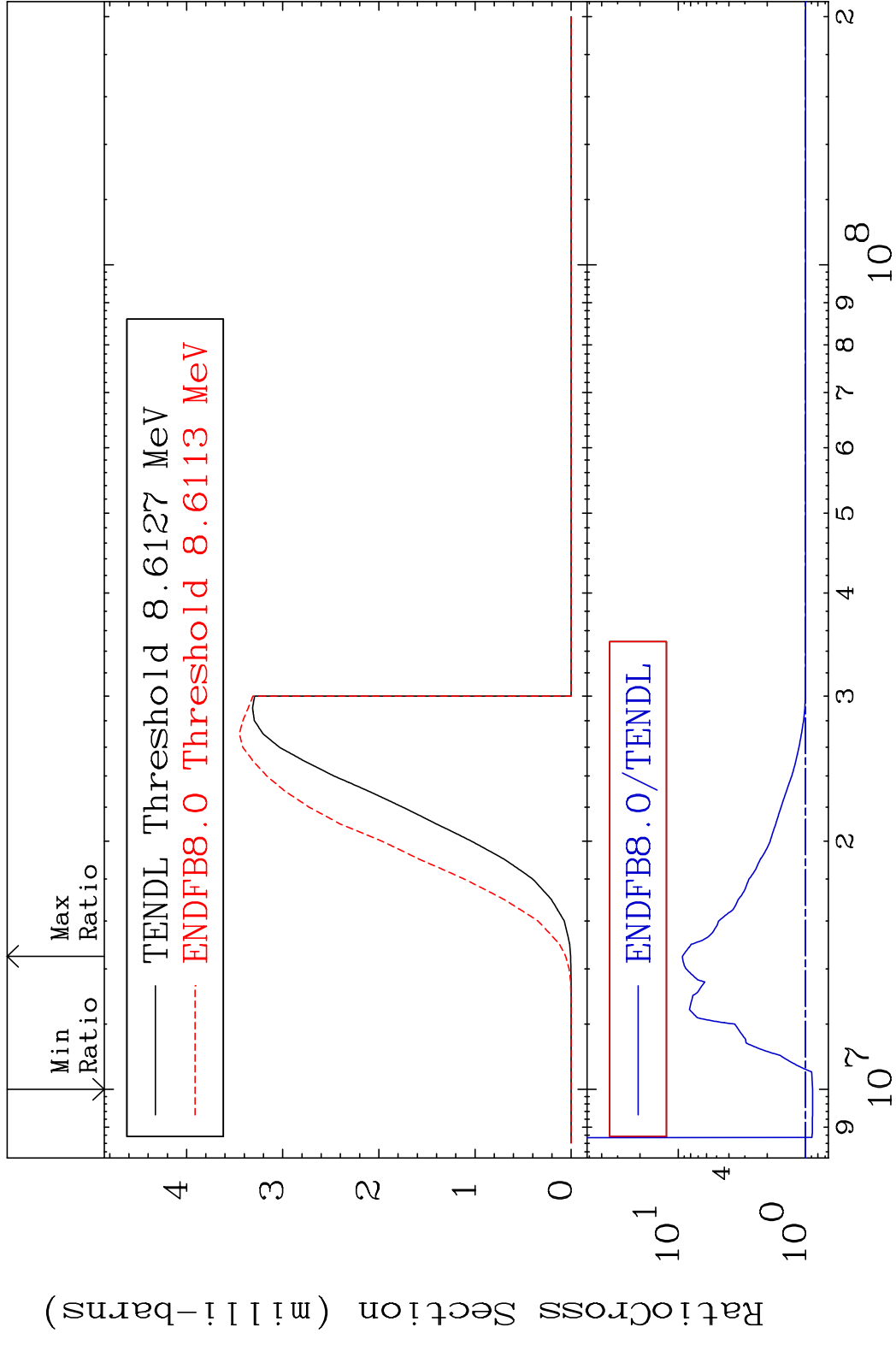
MAT 3634 (n, d) : 35-Br-80g 36-Kr-81  
 Radionuclide Production Cross Section 8.638 %



MAT 3634 (n, d):35-Br-80m2 36-Kr-81  
 Radionuclide Production Cross Section 11.83 %



MAT 3634 (n, t): 35-Br-79g 36-Kr-81  
 Radionuclide Production Cross Section 829.3 %



95 Incident Energy (eV) 36-Kr-81



MAT 3634 (n, t):35-Br-79m1 36-Kr-81  
 Radionuclide Production Cross Section 1435. %

