

Program Complot  
(Version 2021-1)

by

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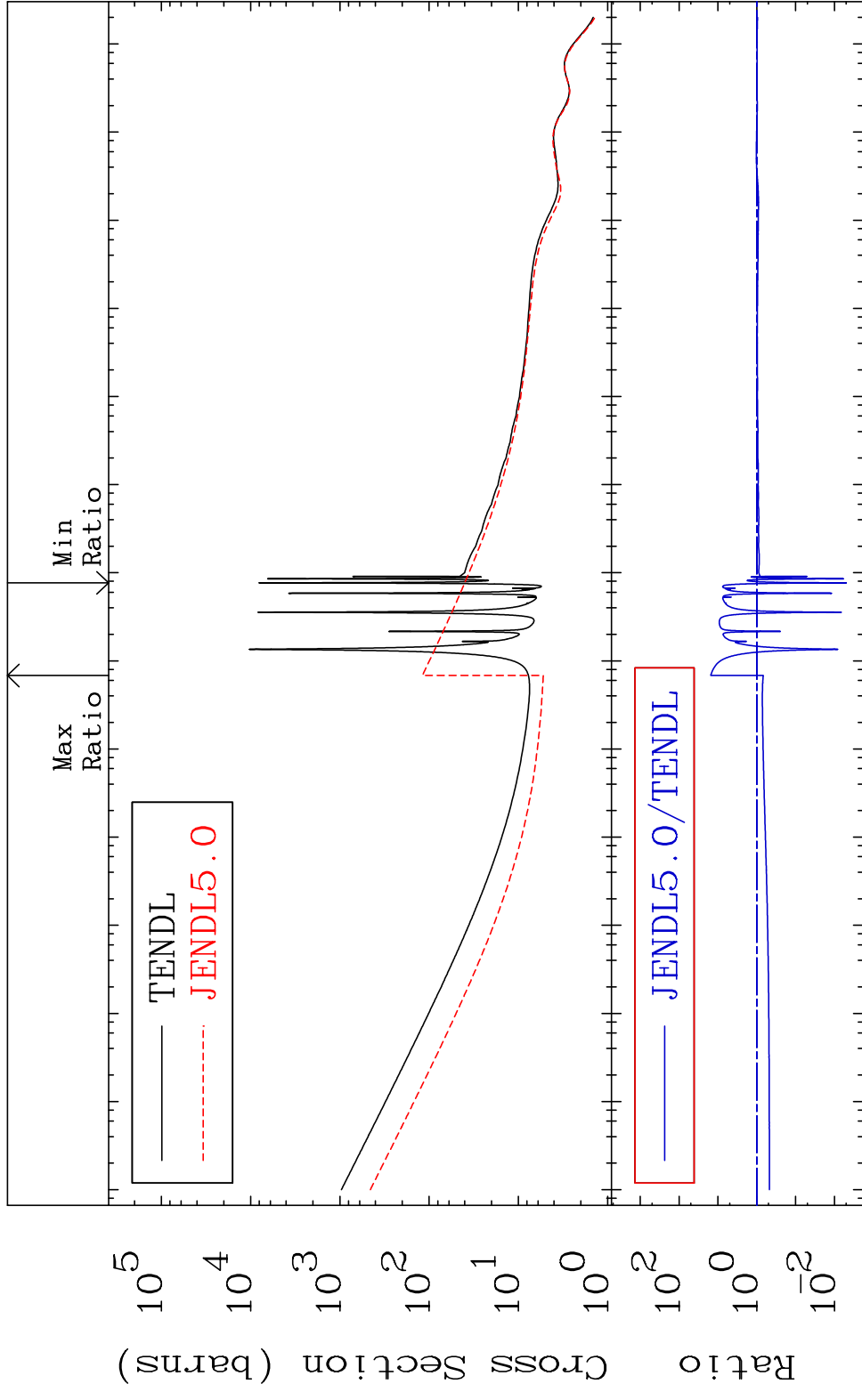
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E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3634

Total Cross Section -99.50 To 1438. %  
36-Kr-81



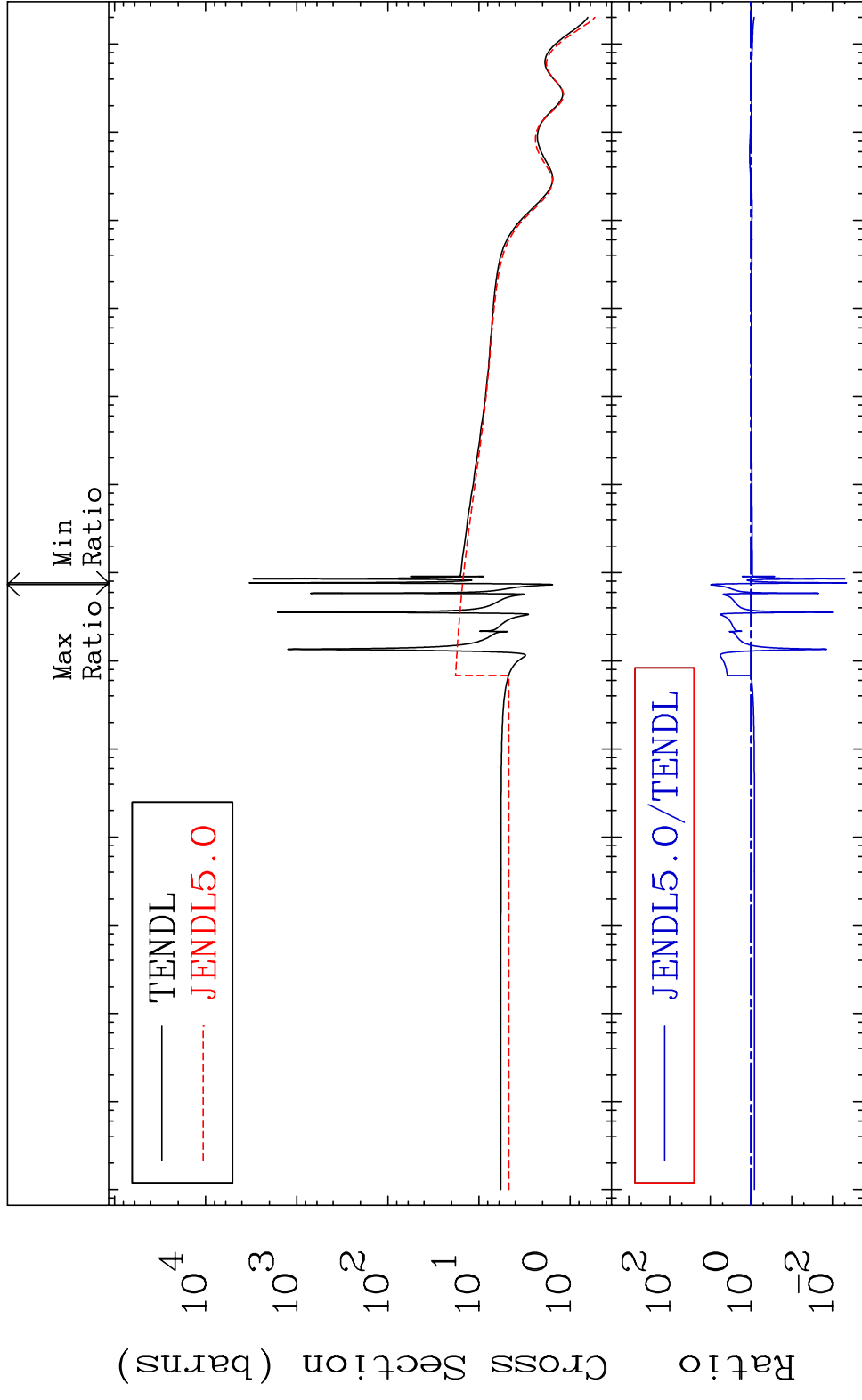
1

Incident Energy (eV)

36-Kr-81

MAT 3634

Elastic Cross Section -99.55 To 876.2 %  
36-Kr-81

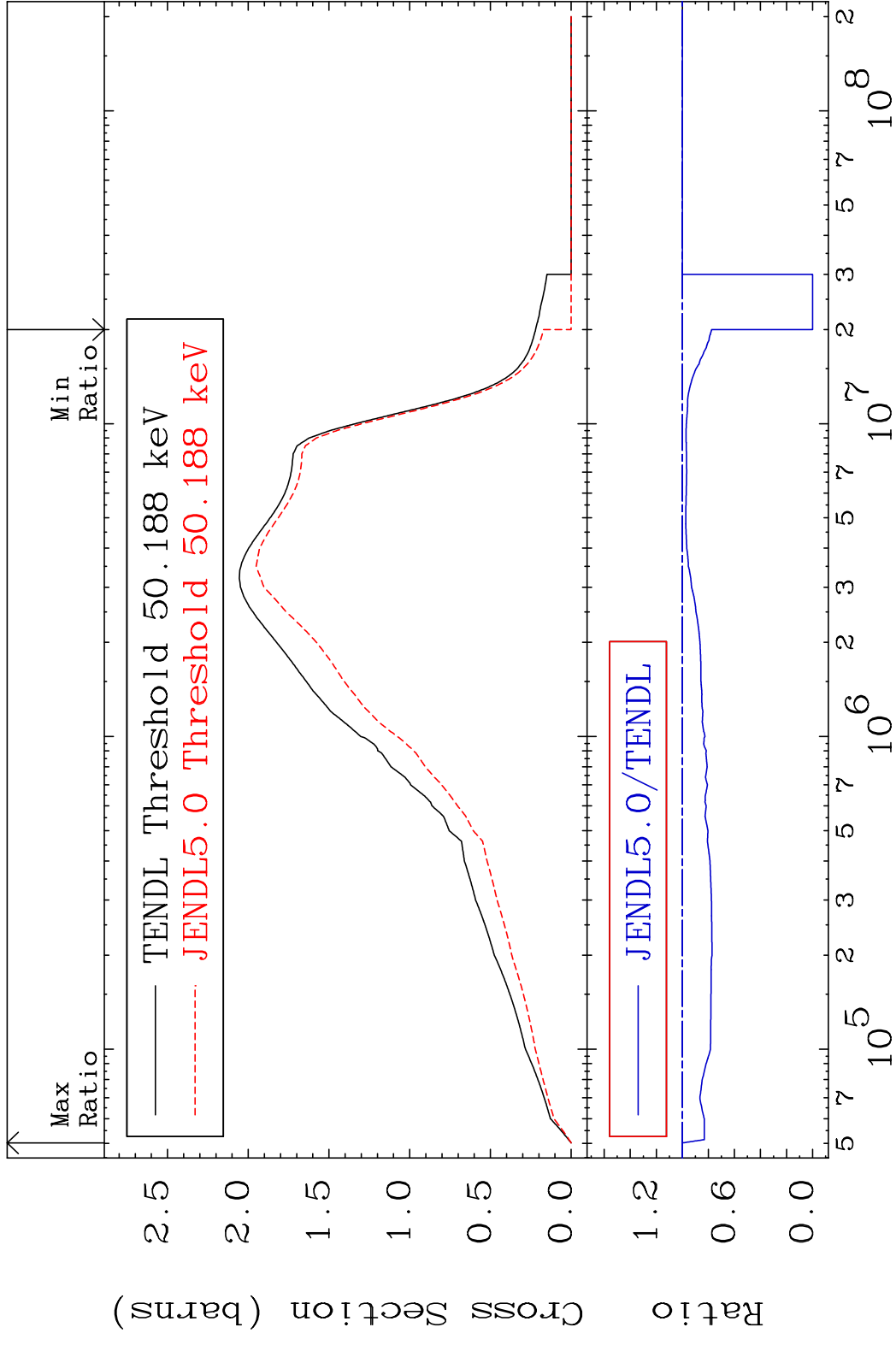


2

Incident Energy (eV)

36-Kr-81

MAT 3634 Inelastic Cross Section -100.0 To 0.000 % 36-Kr-81

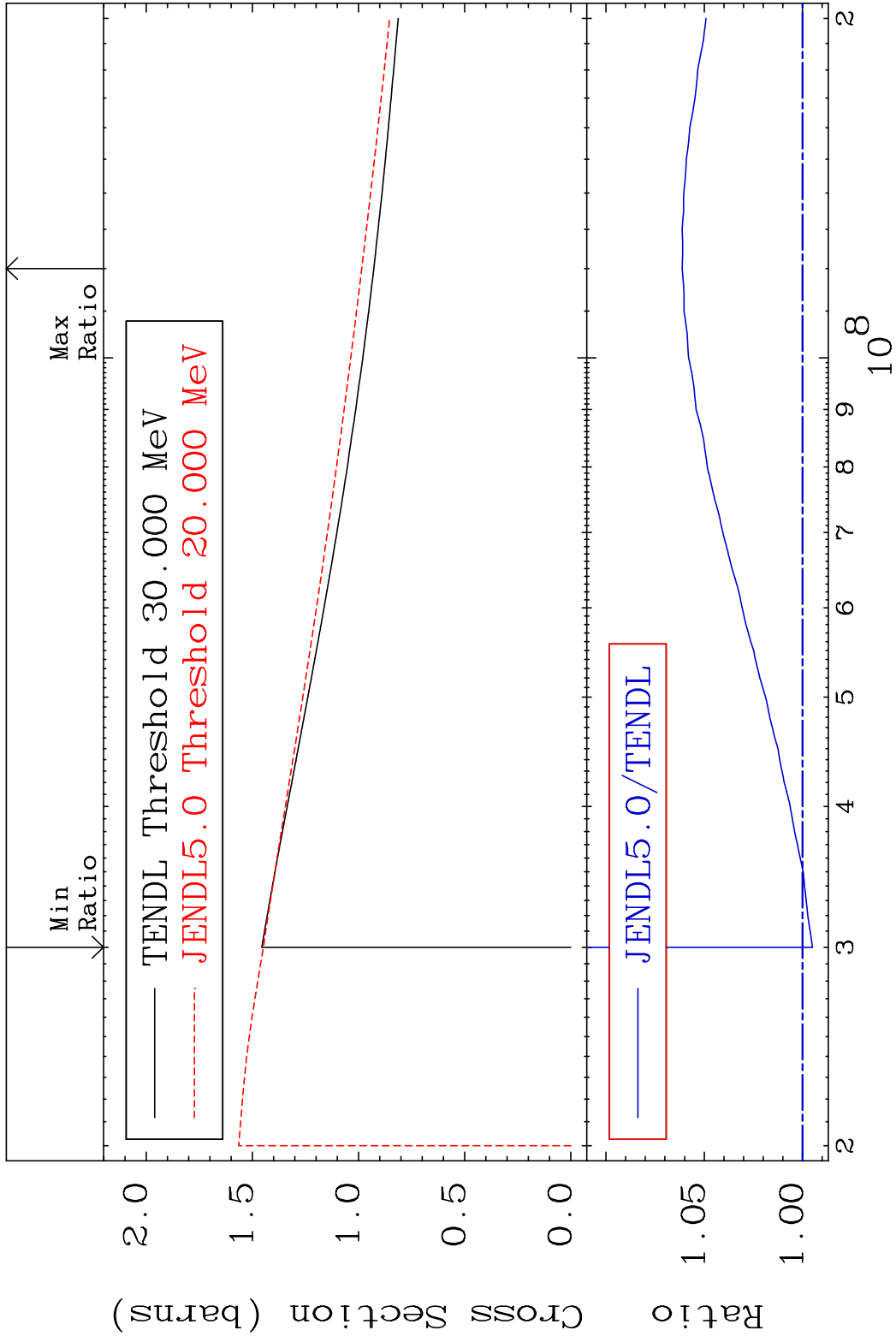


MAT 3634

(n, remainder)

36-Kr-81

Cross Section -0.507 To 6.124 %

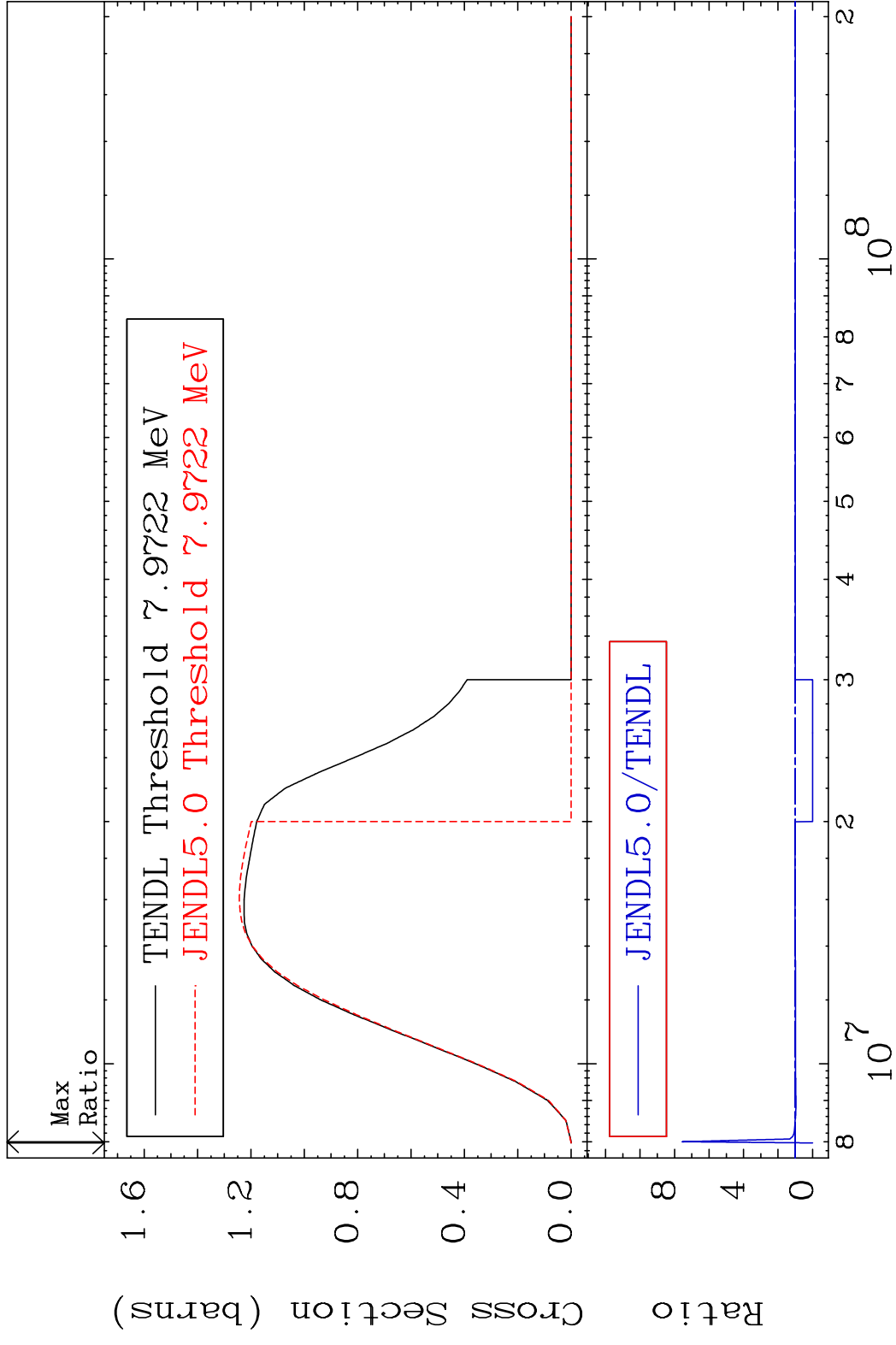


4

Incident Energy (eV)

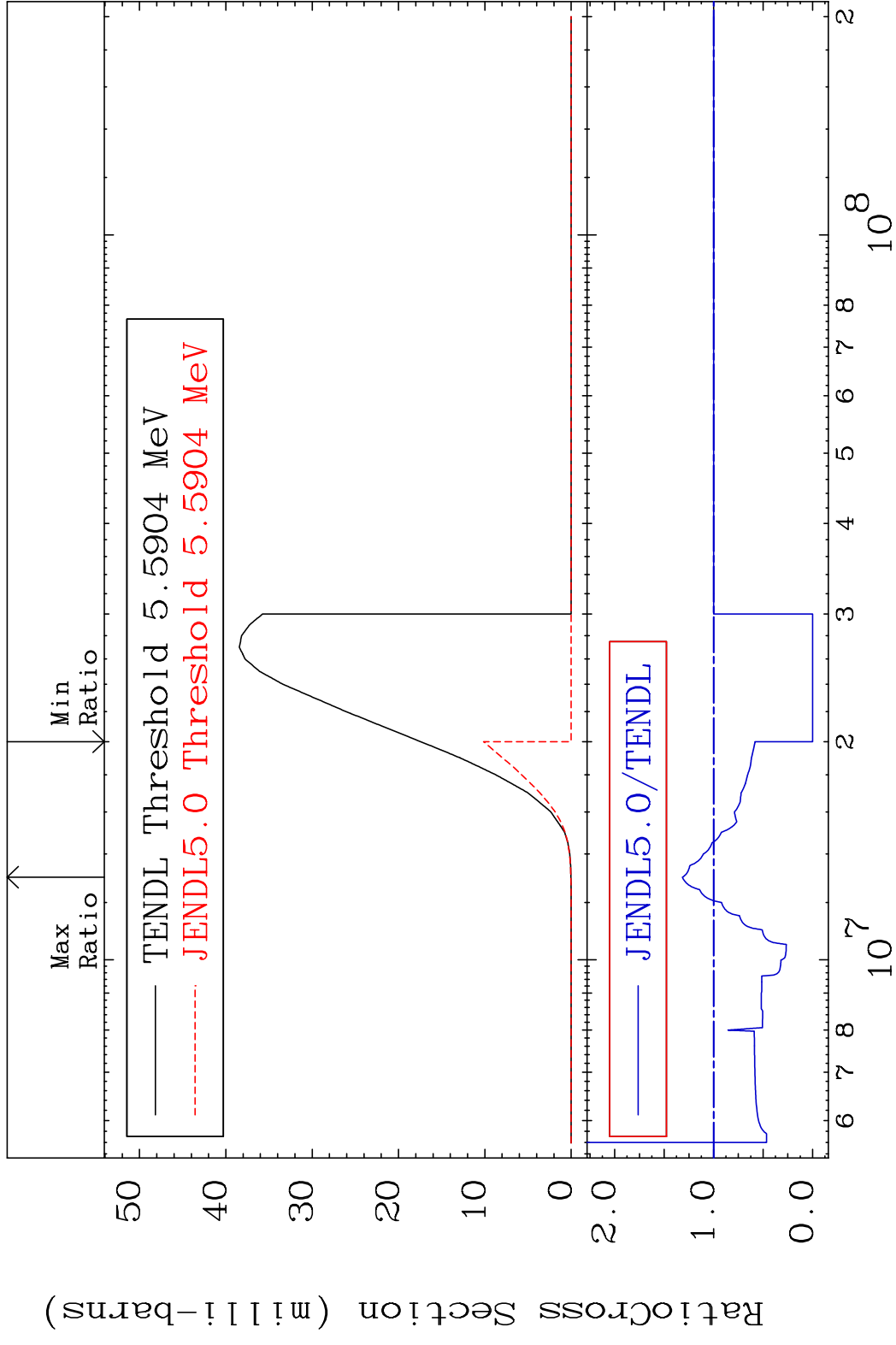
36-Kr-81

MAT 3634 (n,2n) 36-Kr-81  
 Cross Section -100.0 To 654.8 %

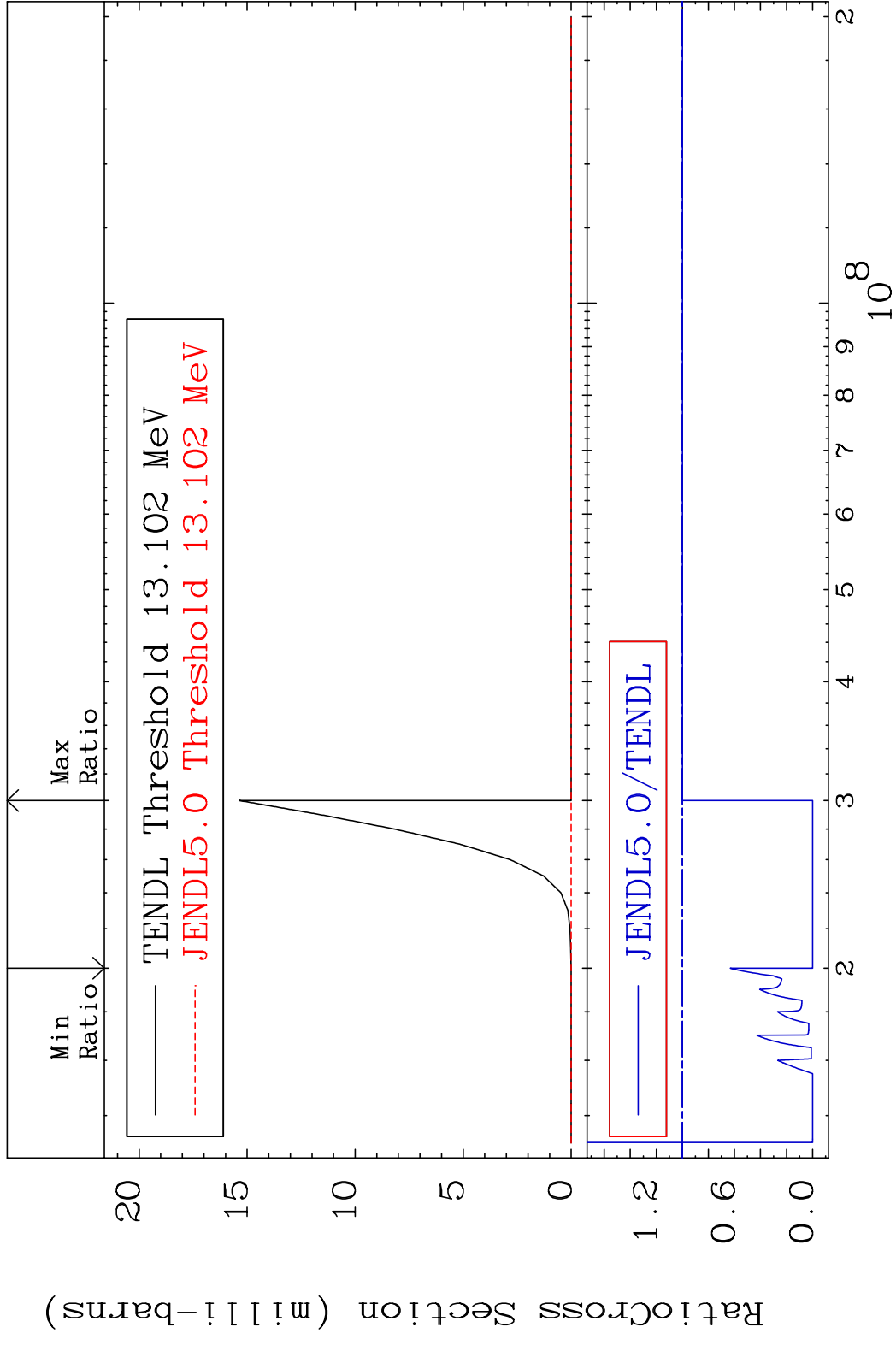


5 Incident Energy (eV) 36-Kr-81

MAT 3634 (n, n')  $\alpha$  36-Kr-81  
 Cross Section -100.0 To 31.62 %



MAT 3634 (n,2n)  $\alpha$  36-Kr-81  
 Cross Section -100.0 To 0.000 %



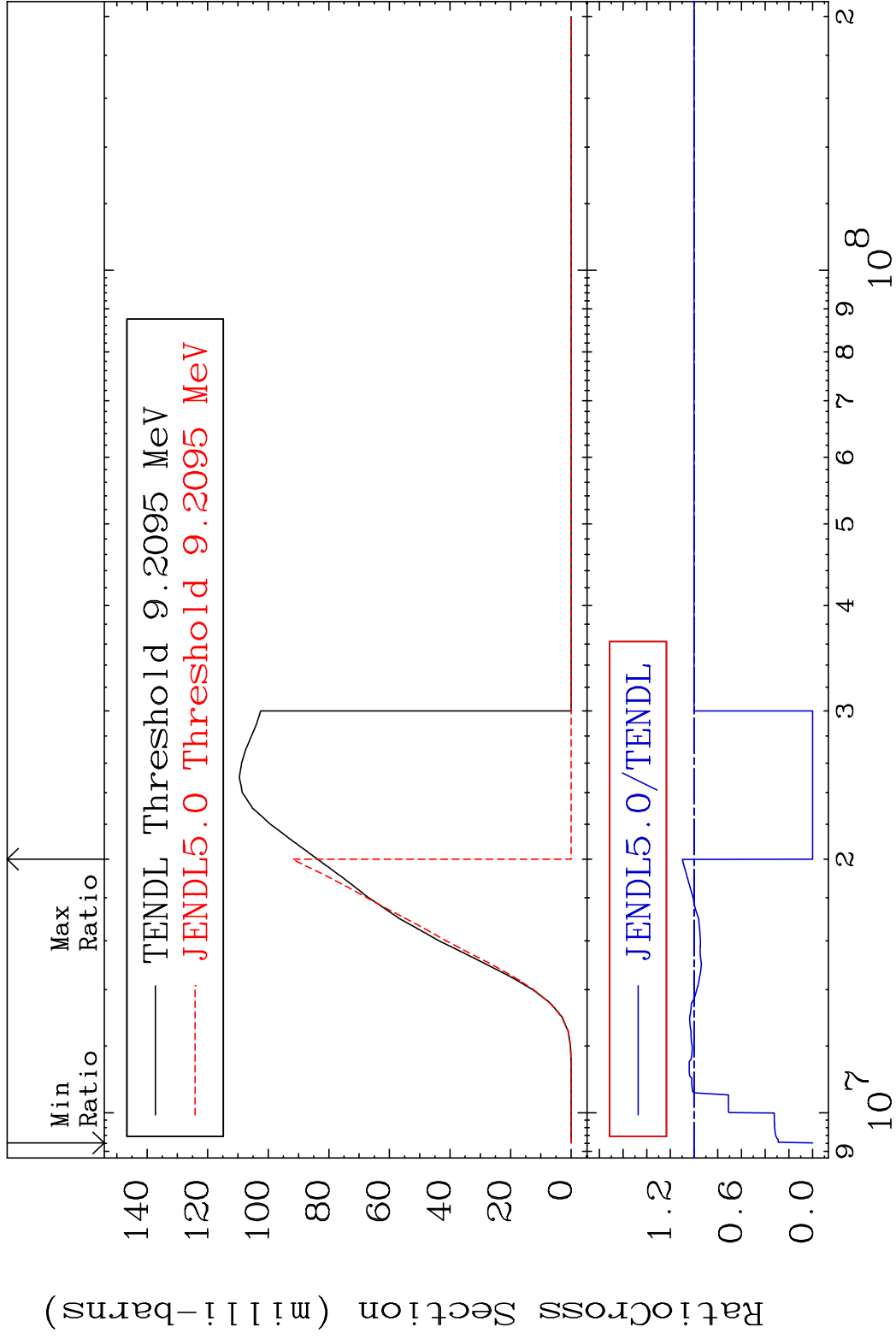


MAT 3634

(n, n') p

36-Kr-81

Cross Section -100.0 To 9.921 %



8

Incident Energy (eV)

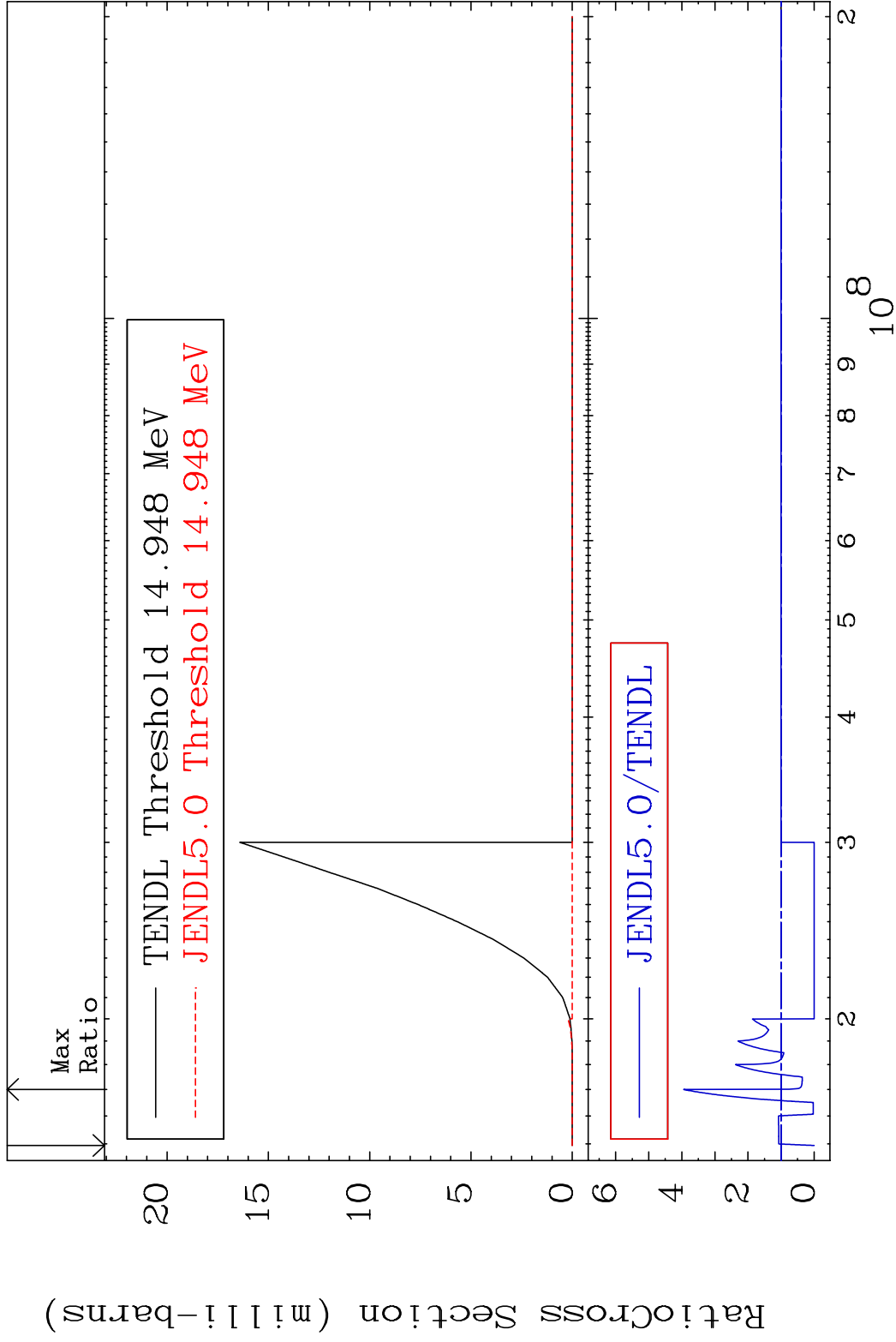
36-Kr-81

MAT 3634

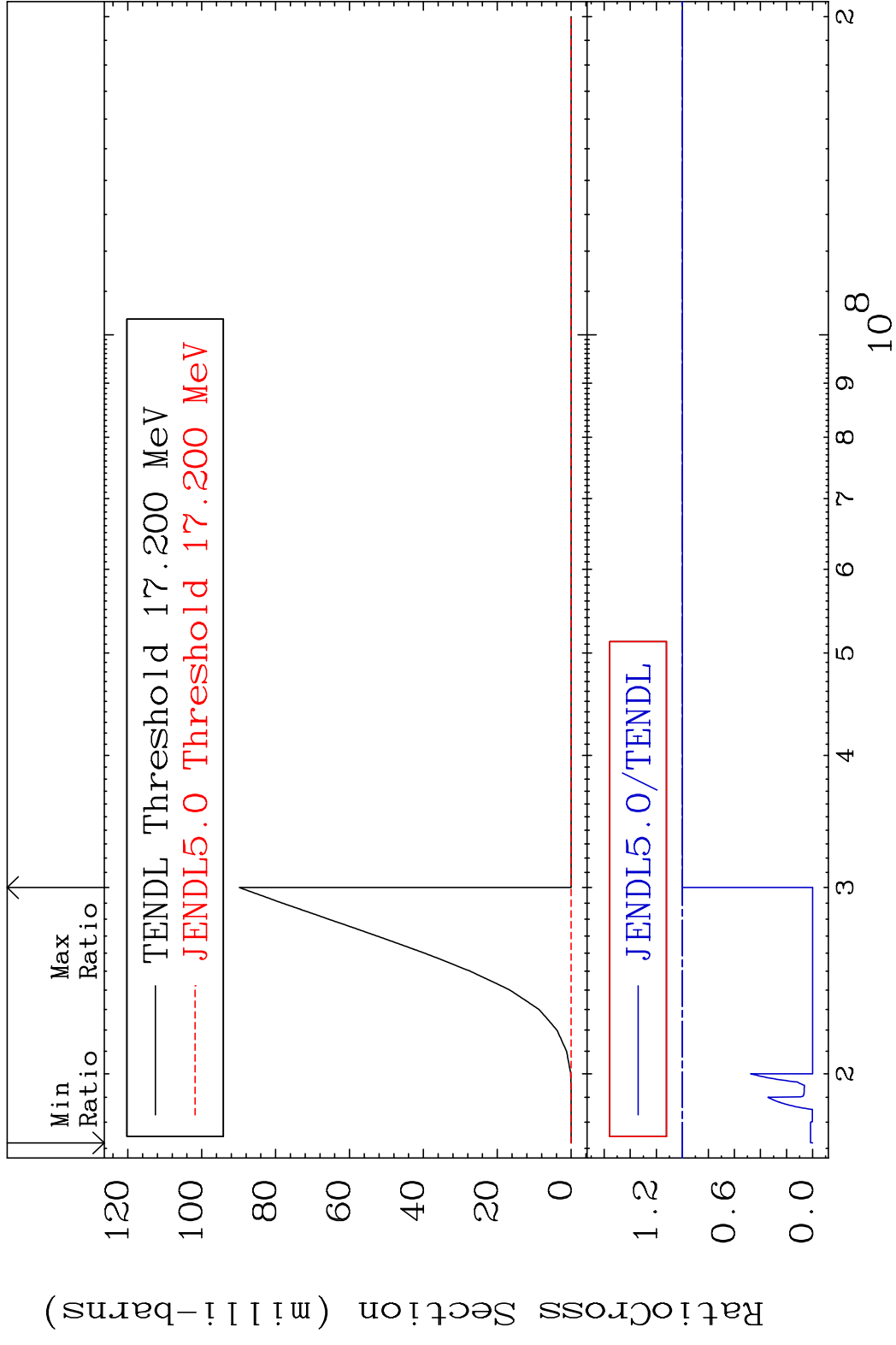
(n, n') d

36-Kr-81

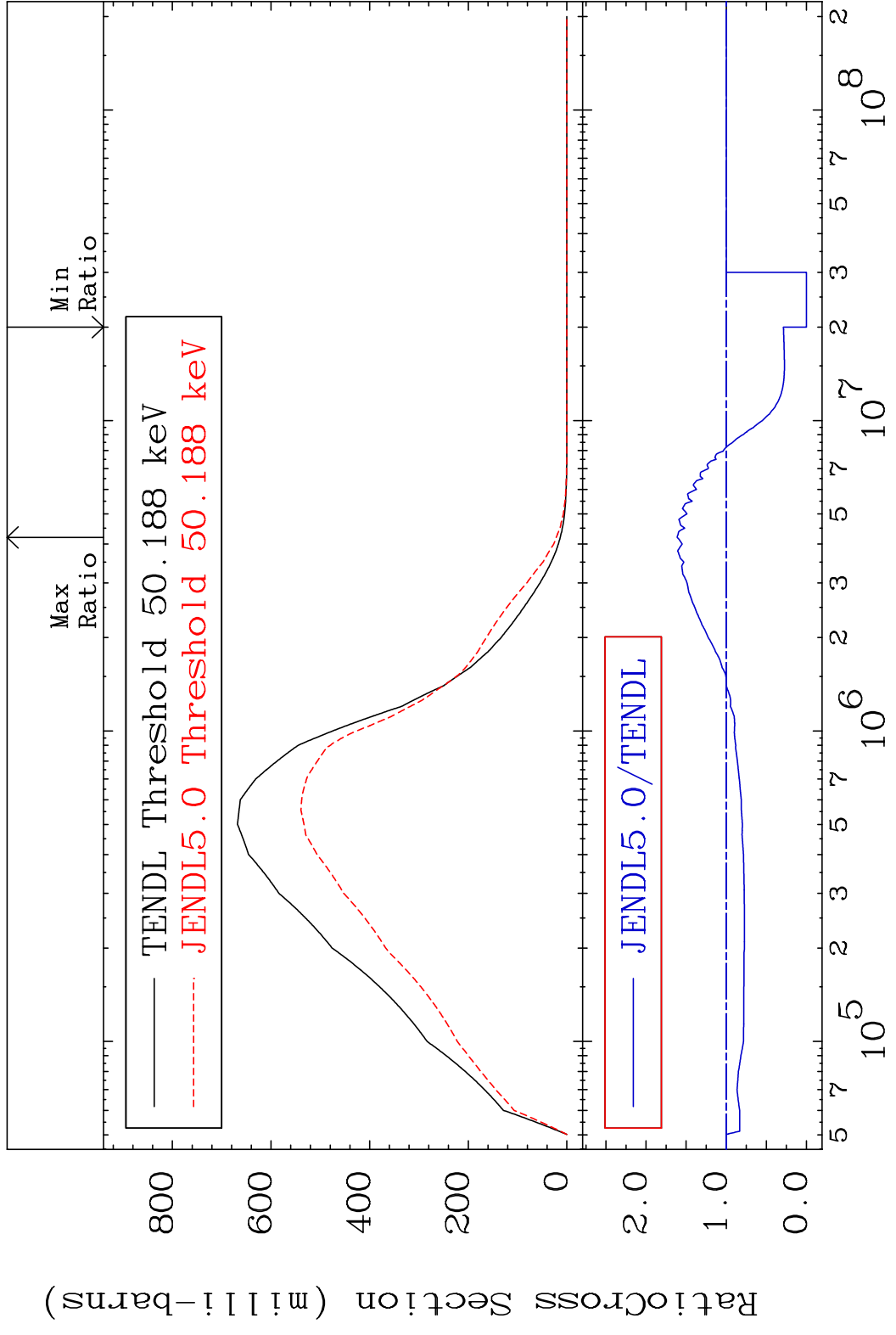
Cross Section -100.0 To 294.4 %



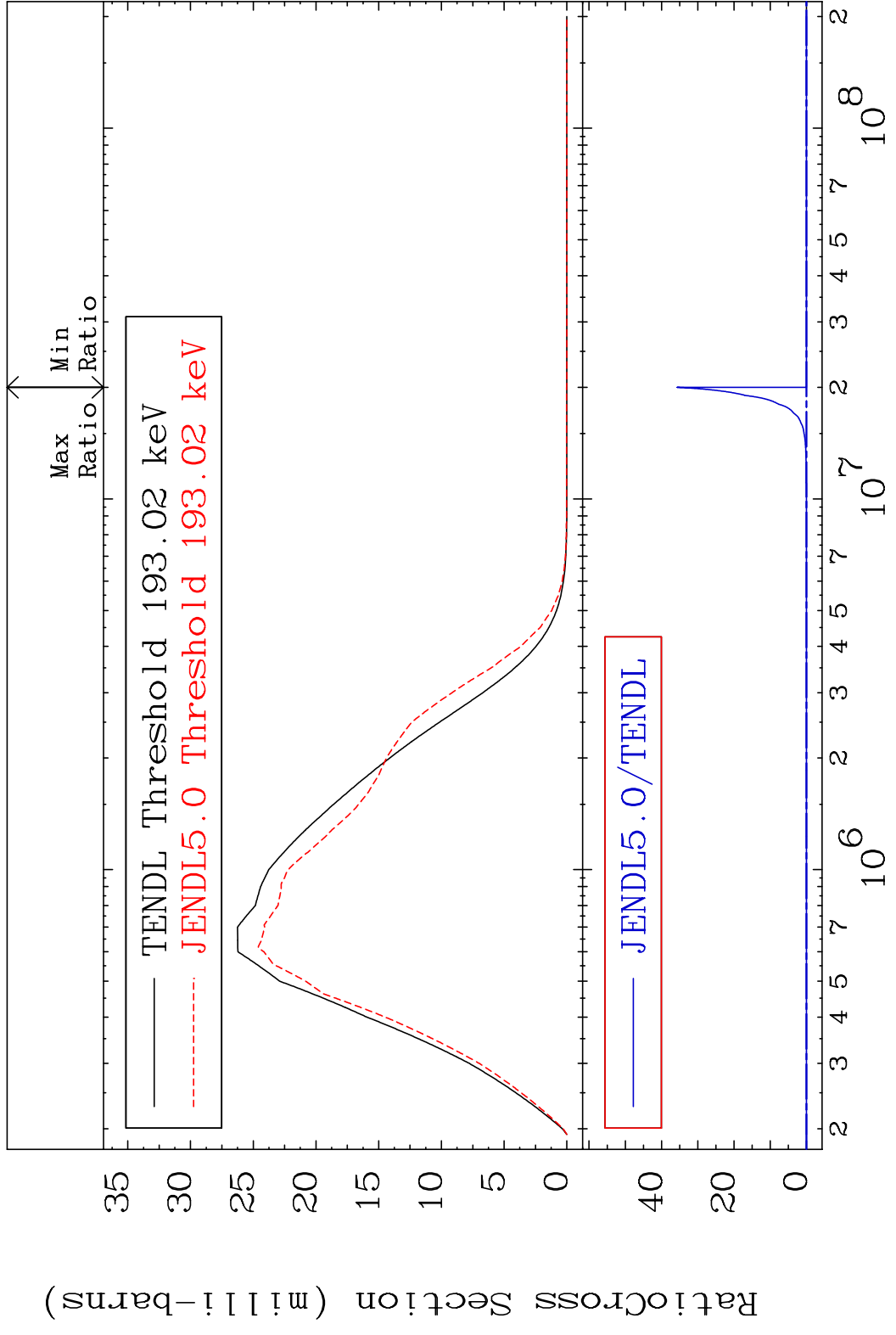
MAT 3634 (n,2n) p 36-Kr-81  
 Cross Section -100.0 To 0.000 %



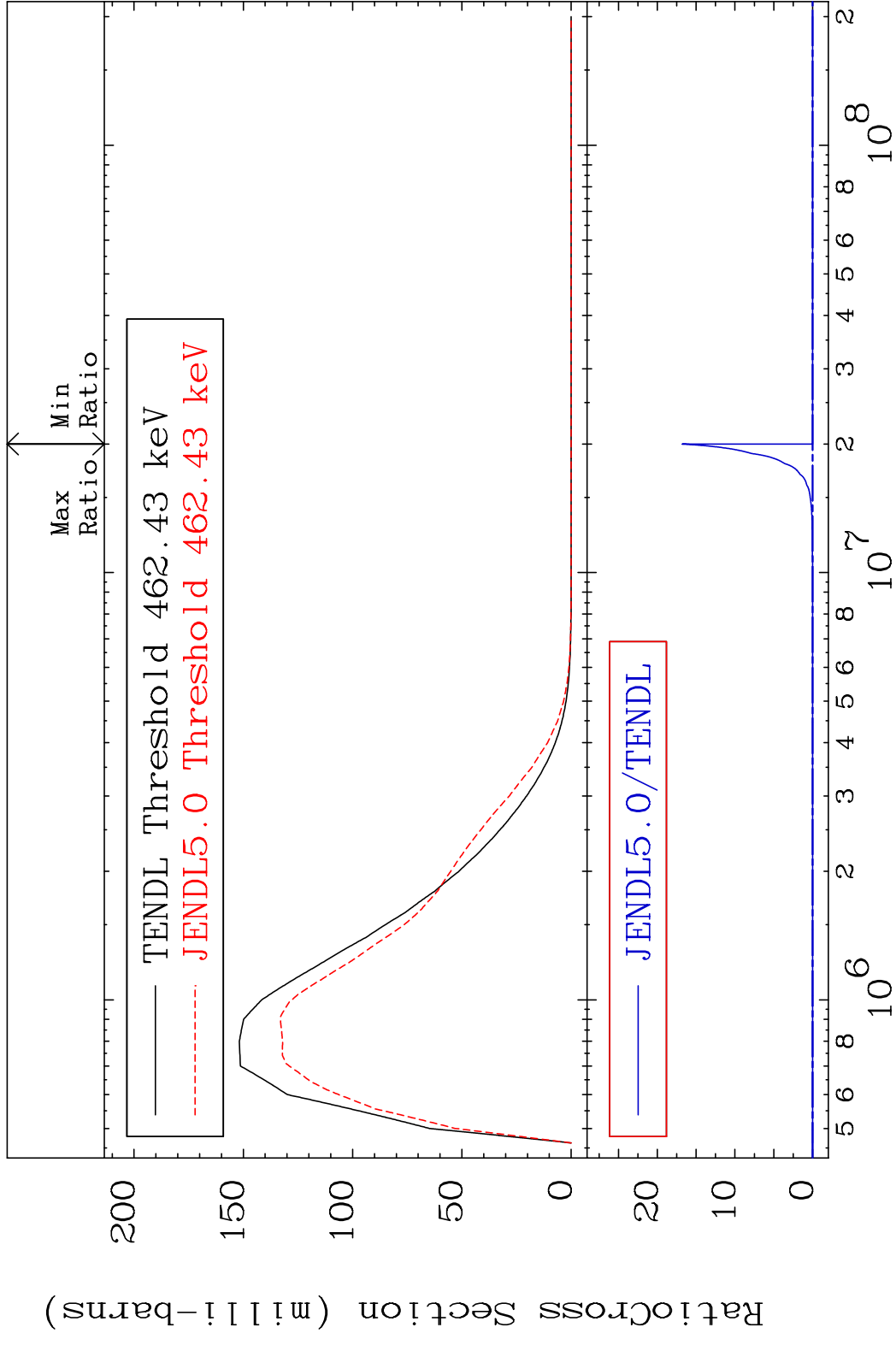
MAT 3634 MT= 51 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 61.17 %



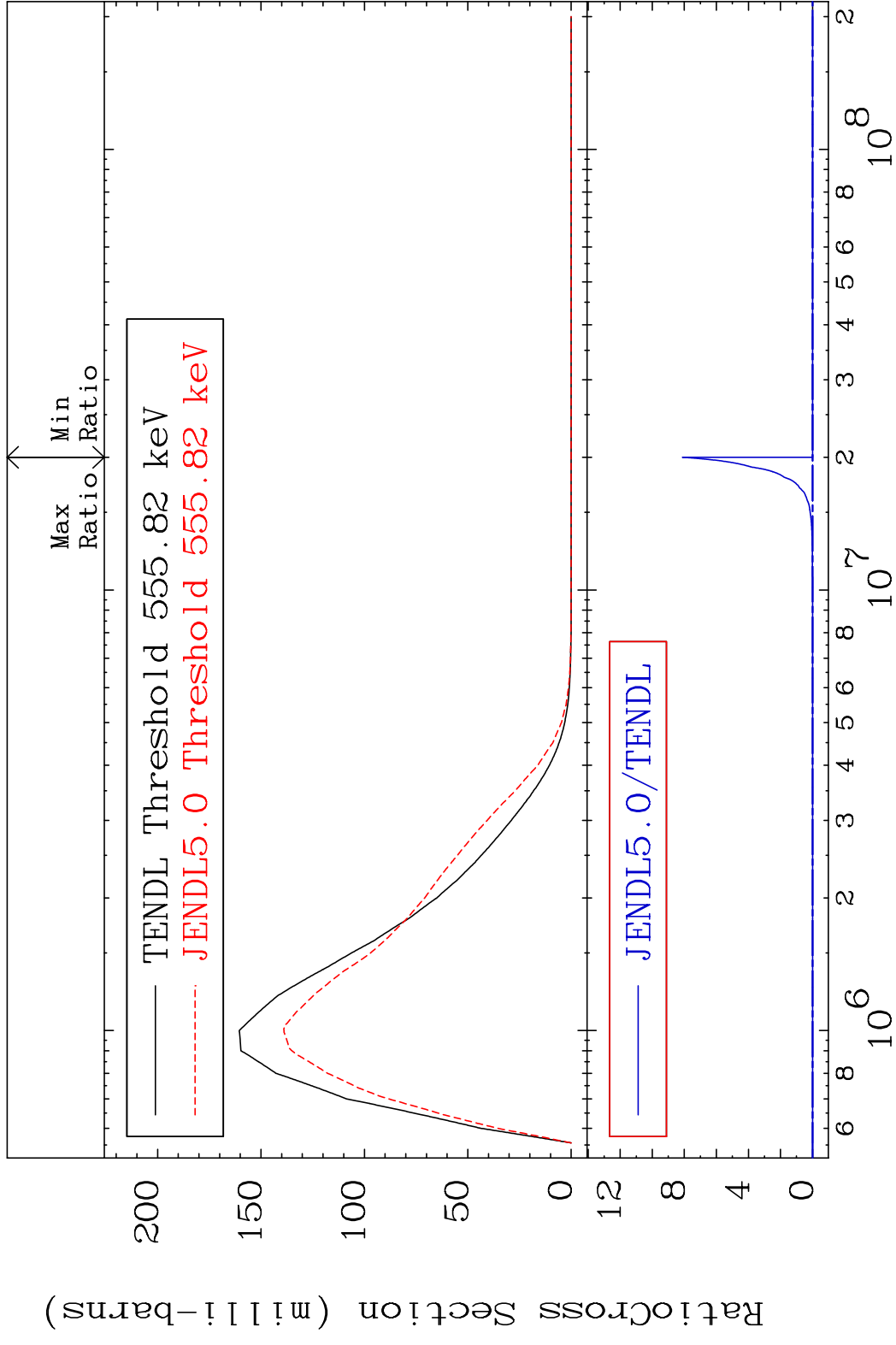
MAT 3634 MT= 52 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 9999. %



MAT 3634 MT= 53 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 9999. %

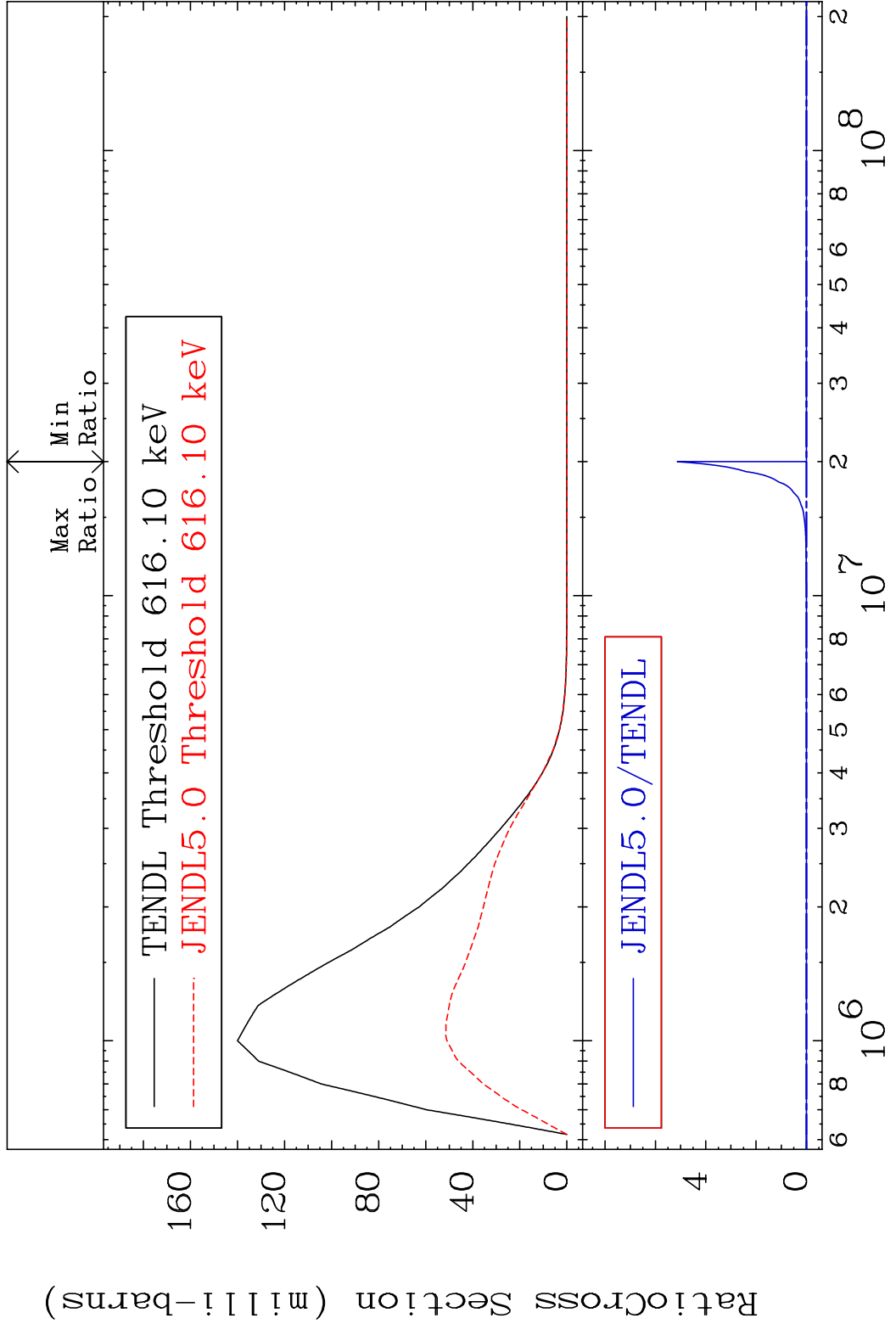


MAT 3634 MT= 54 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 9999. %



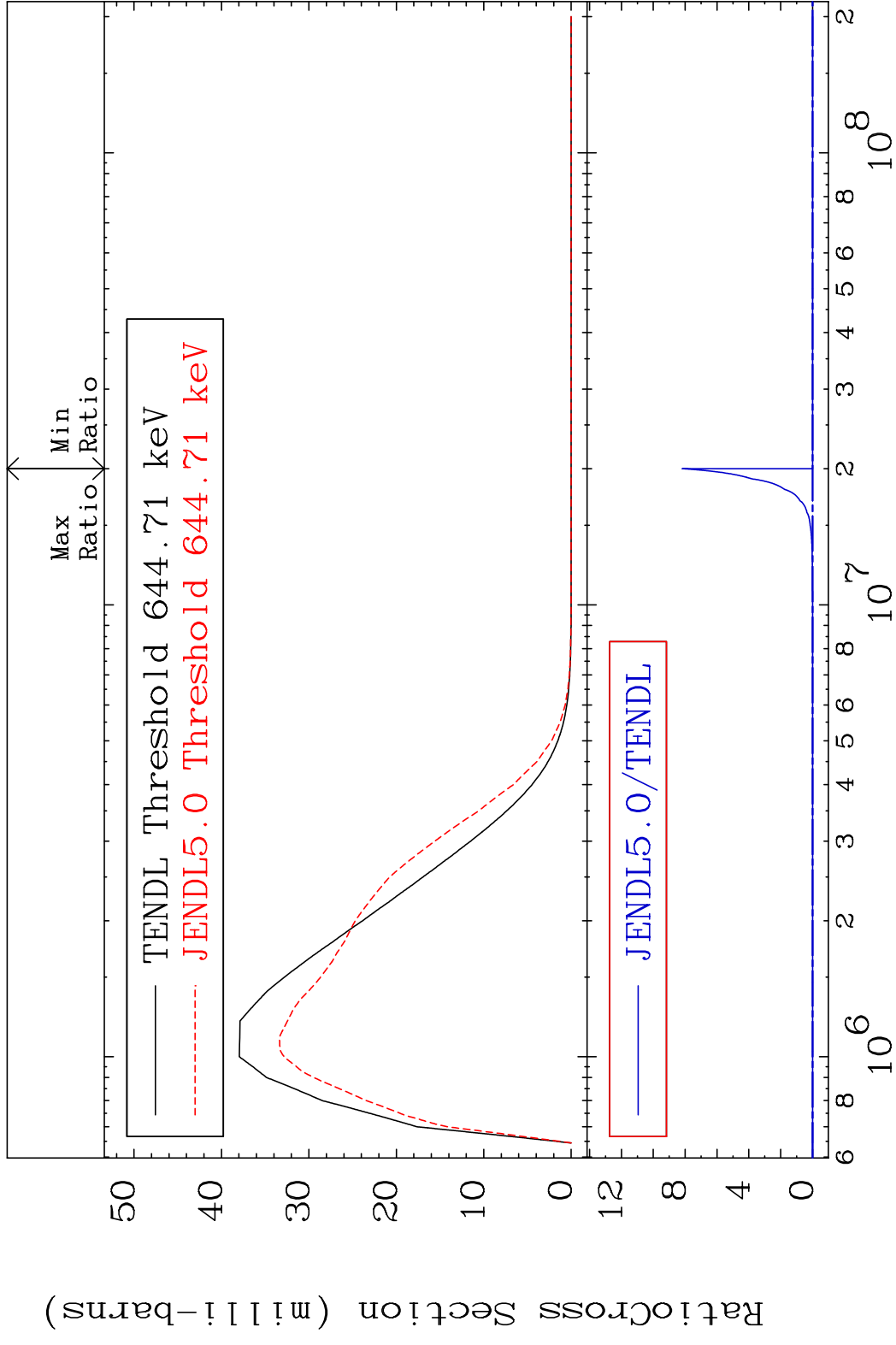
14 Incident Energy (eV) 36-Kr-81

MAT 3634 MT= 55 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 9999. %



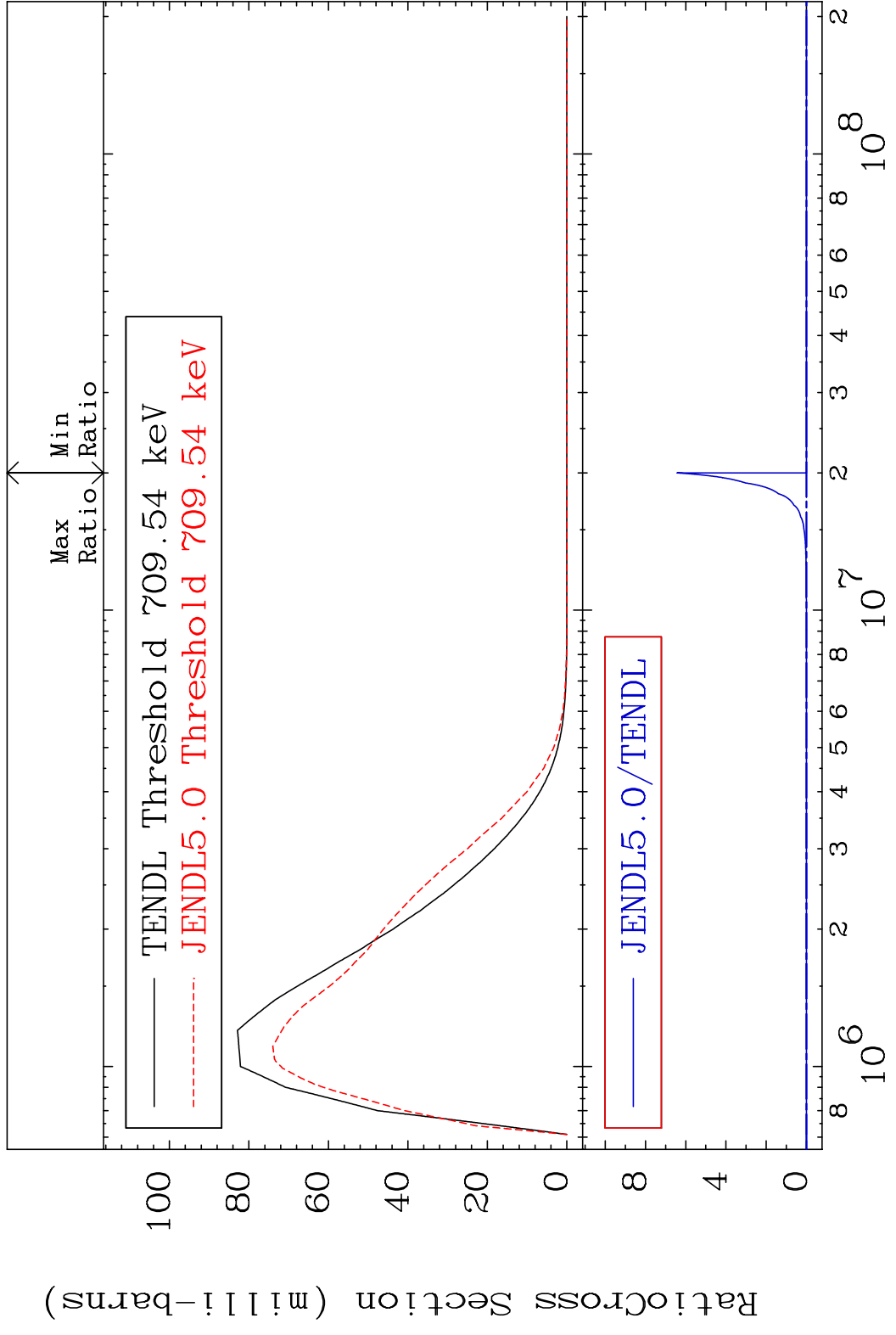


MAT 3634 MT= 56 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 9999. %



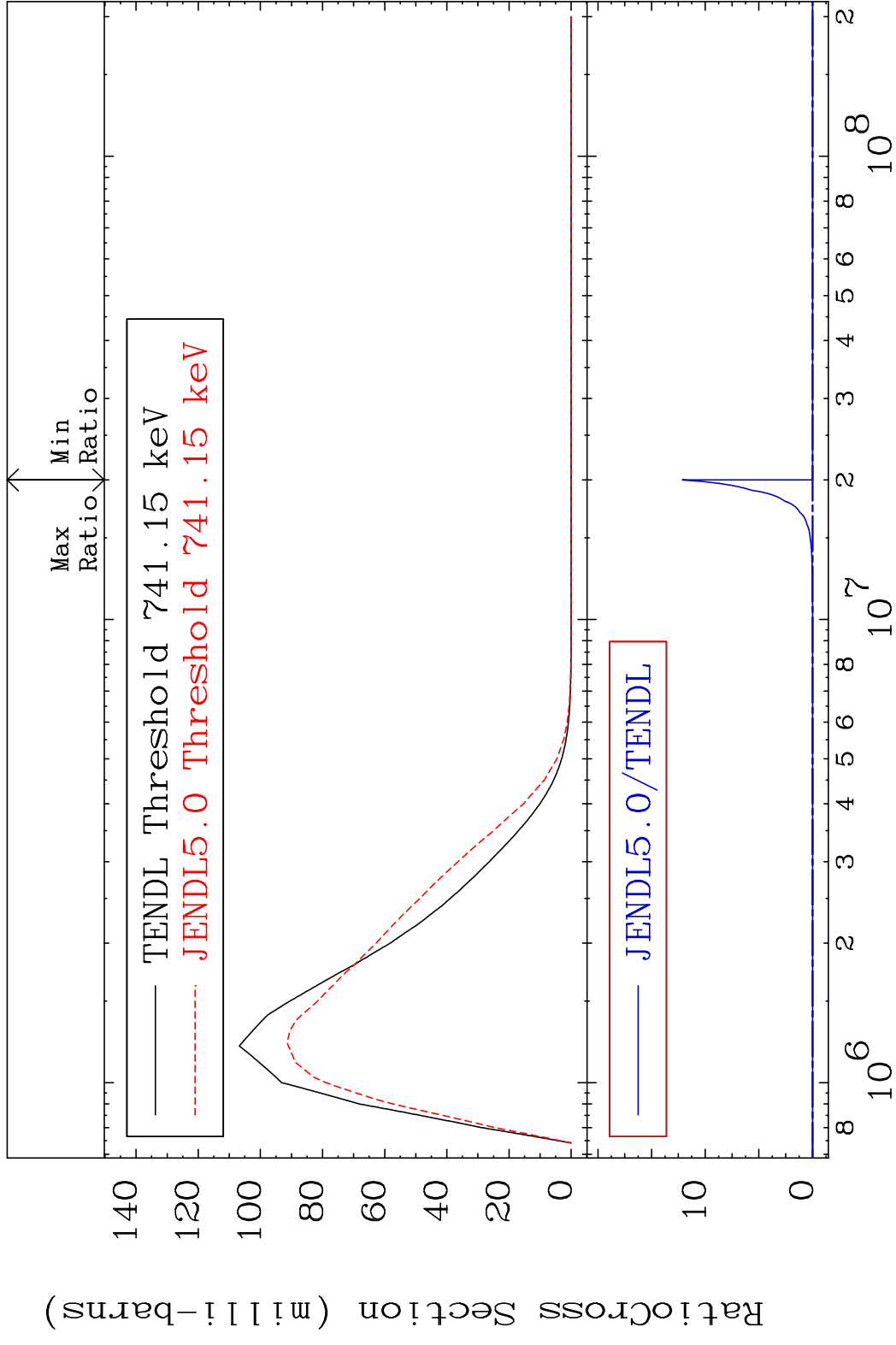
16 Incident Energy (eV) 36-Kr-81

MAT 3634 MT= 57 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 9999. %



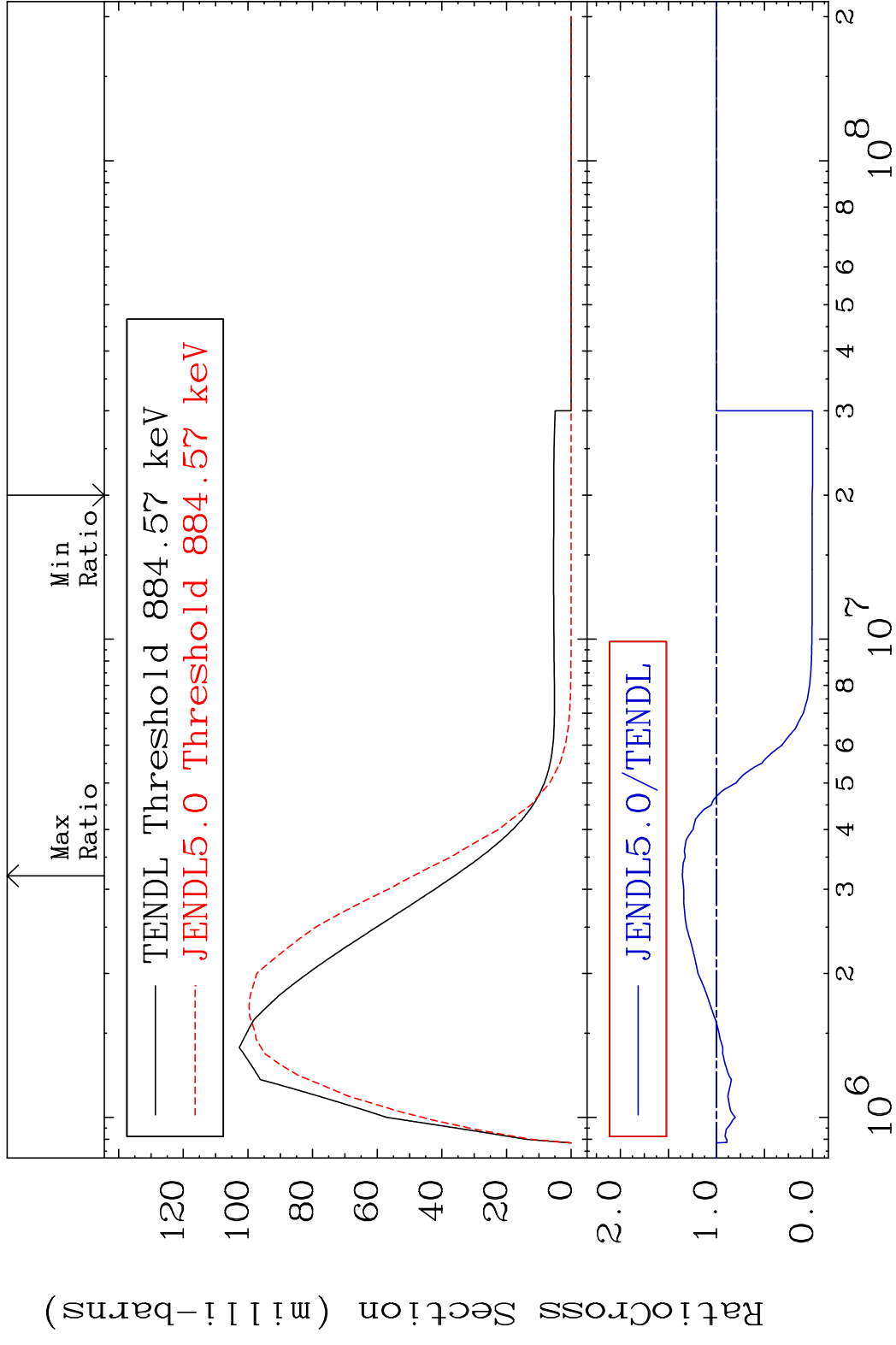
17 36-Kr-81

MAT 3634 MT= 58 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 9999. %



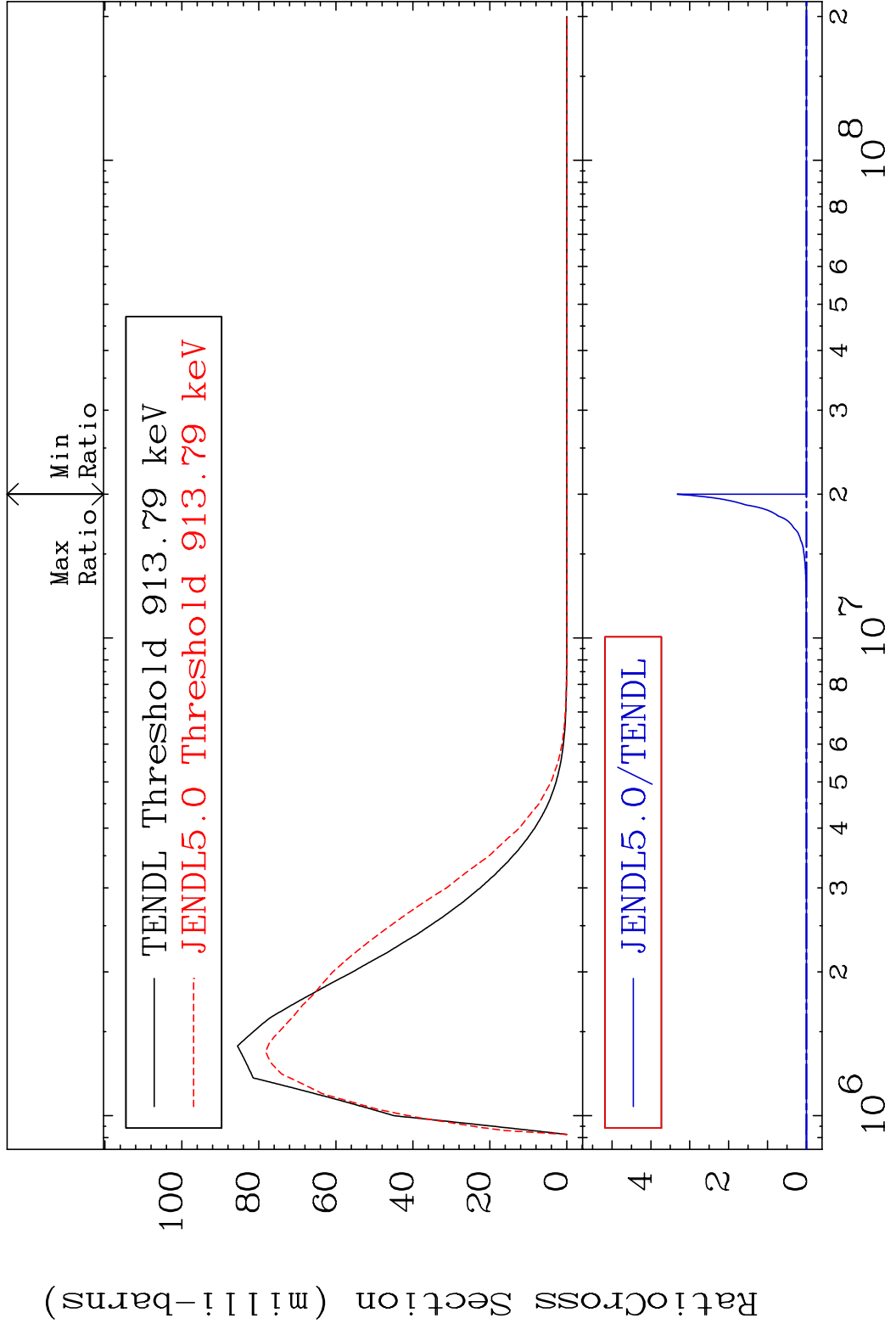
18 36-Kr-81

MAT 3634 MT= 59 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 35.48 %

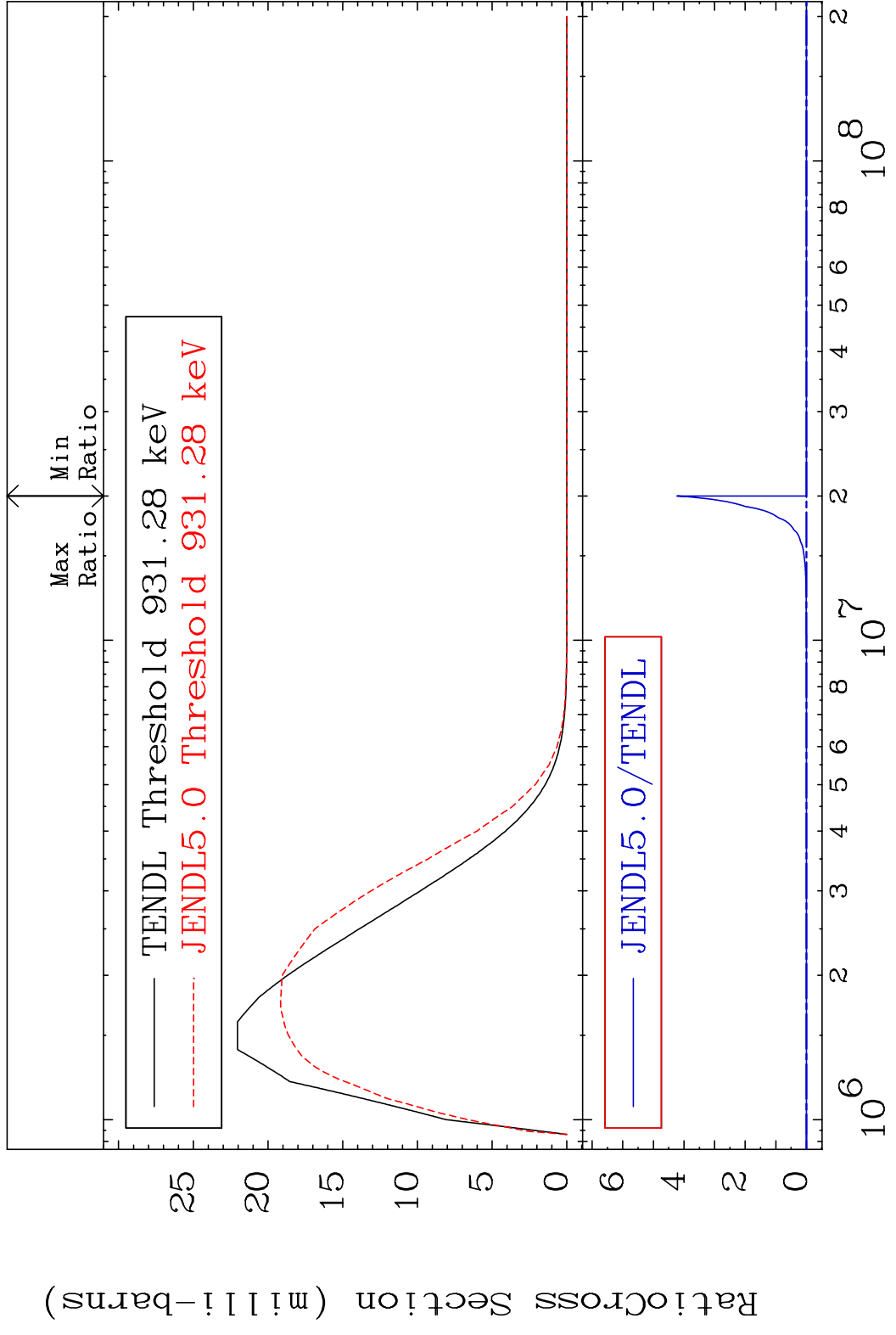


19 Incident Energy (eV) 36-Kr-81

MAT 3634 MT= 60 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 9999. %

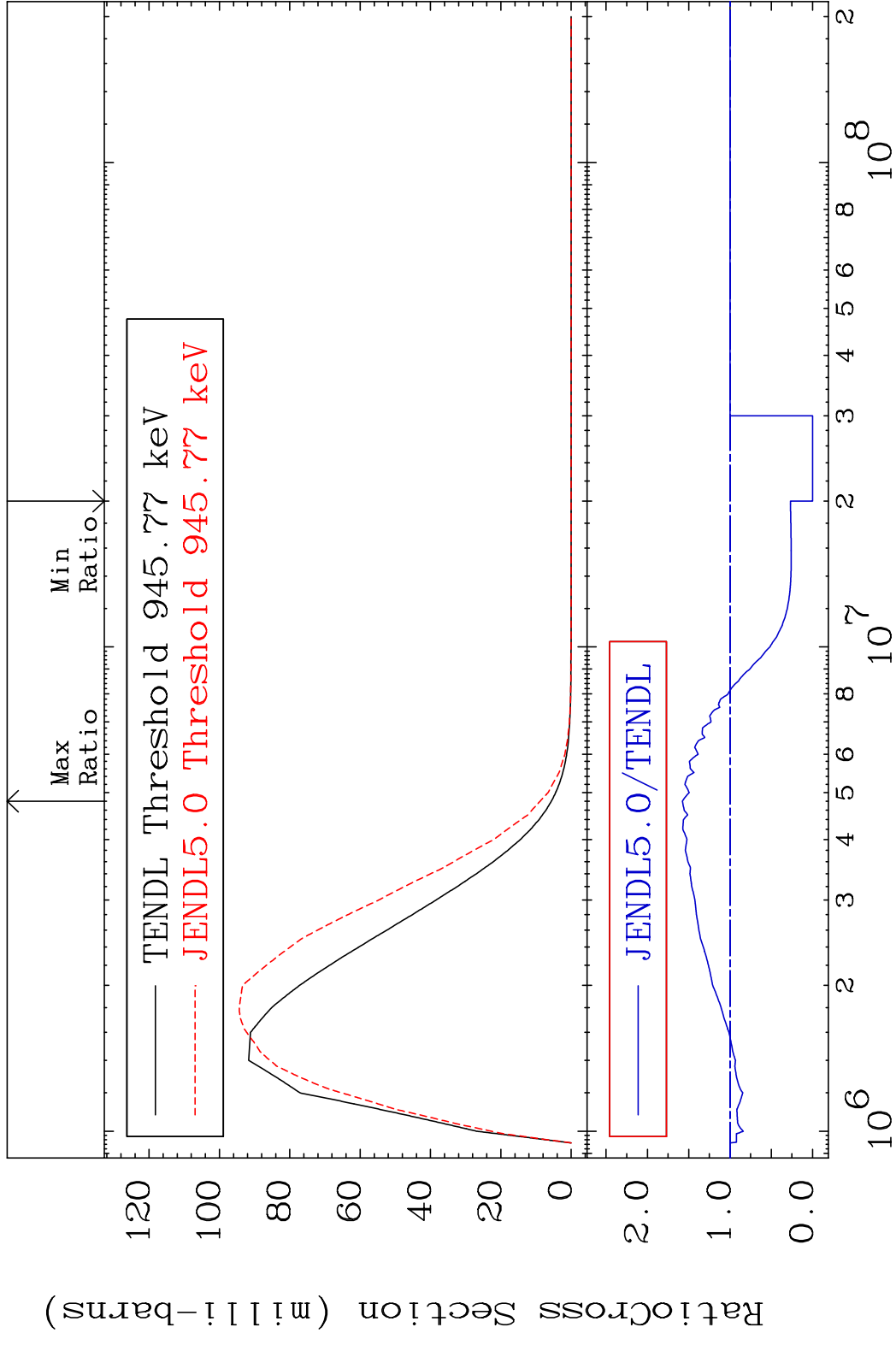


MAT 3634 MT= 61 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 9999. %



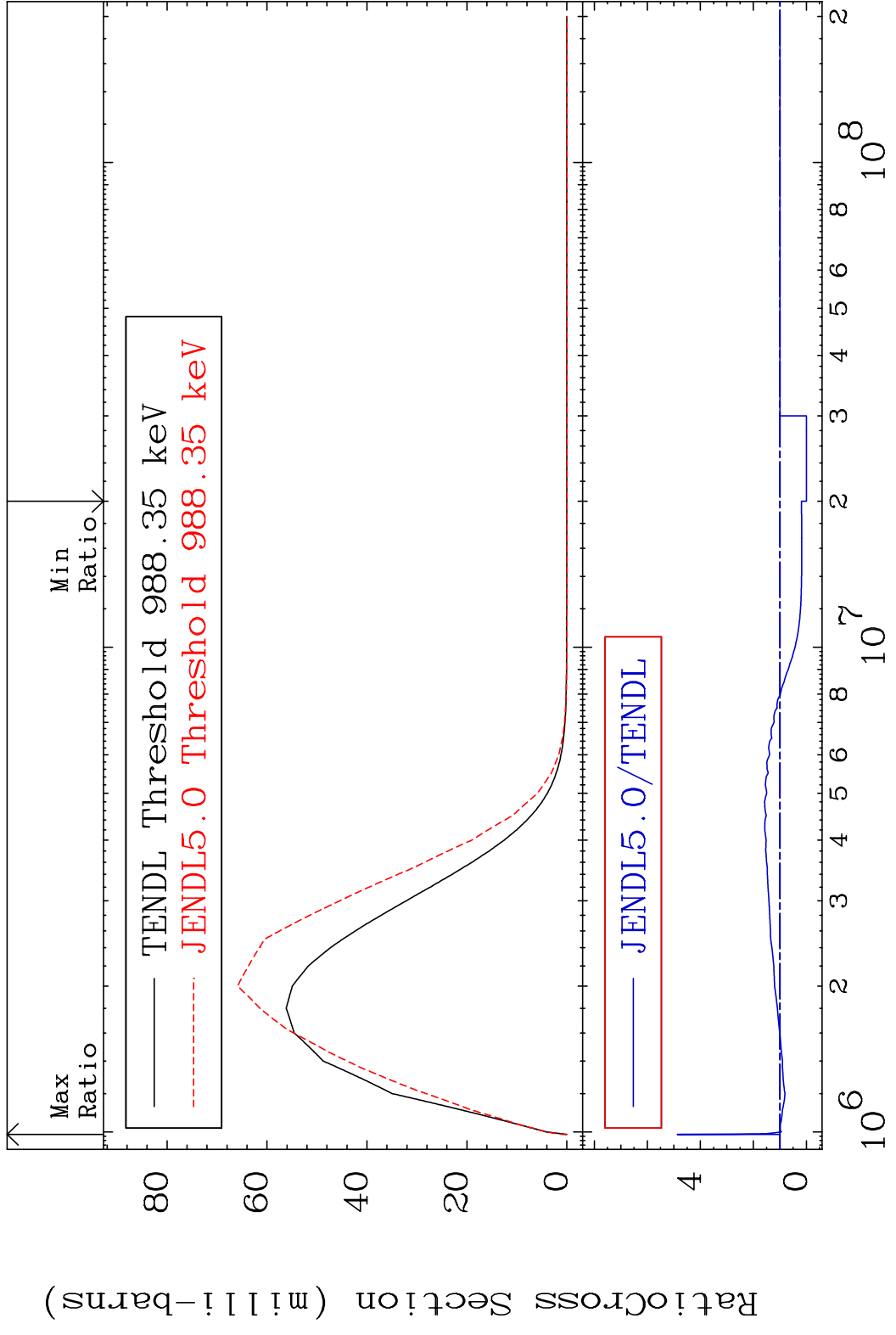
21 Incident Energy (eV) 36-Kr-81

MAT 3634 MT= 62 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 57.66 %



22 Incident Energy (eV) 36-Kr-81

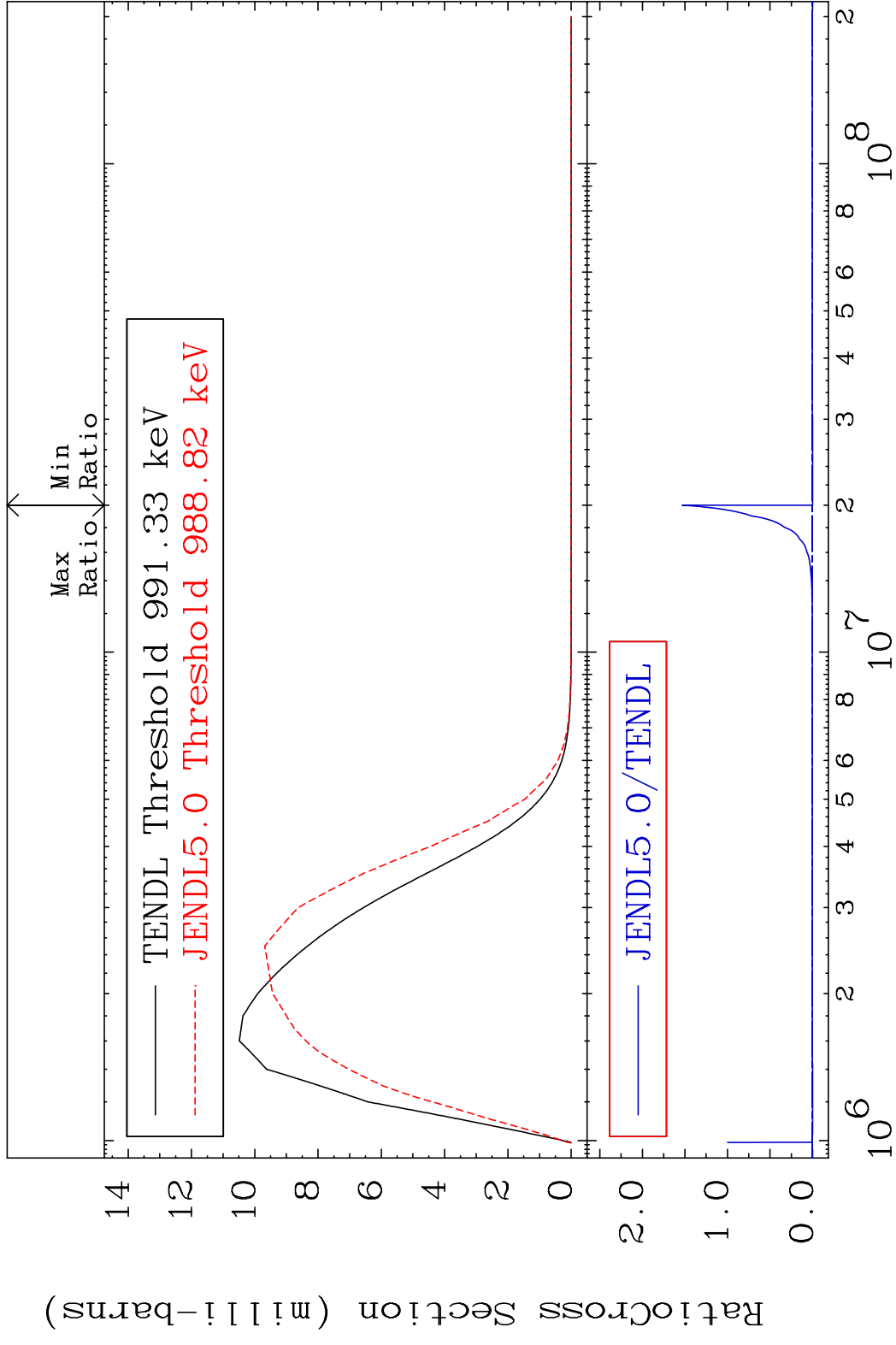
MAT 3634 MT= 63 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 387.4 %



23 36-Kr-81

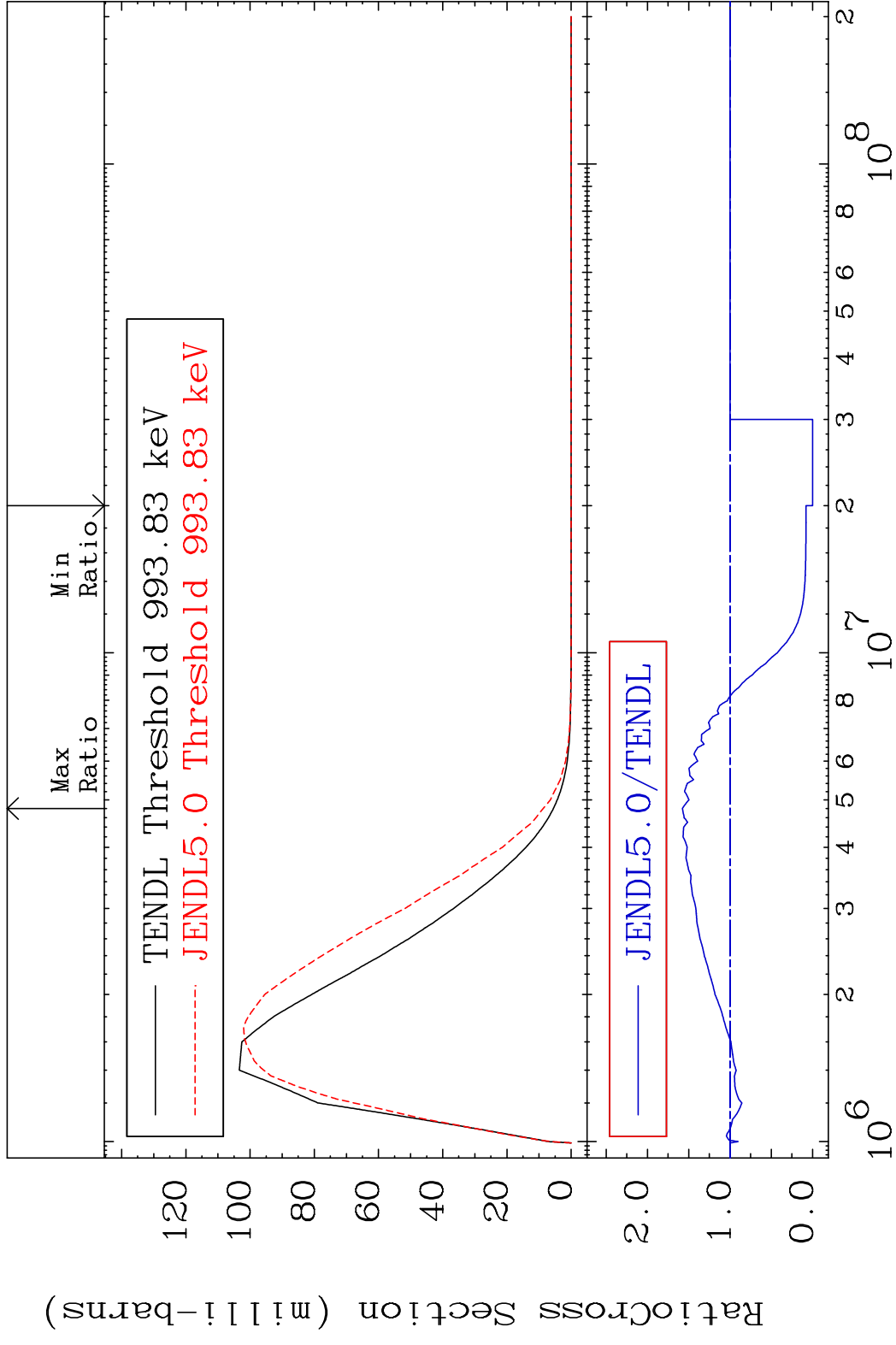


MAT 3634 MT= 64 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 9999. %



24 Incident Energy (eV) 36-Kr-81

MAT 3634 MT= 65 (n, n') Level 36-Kr-81  
 Cross Section -100.0 To 57.71 %



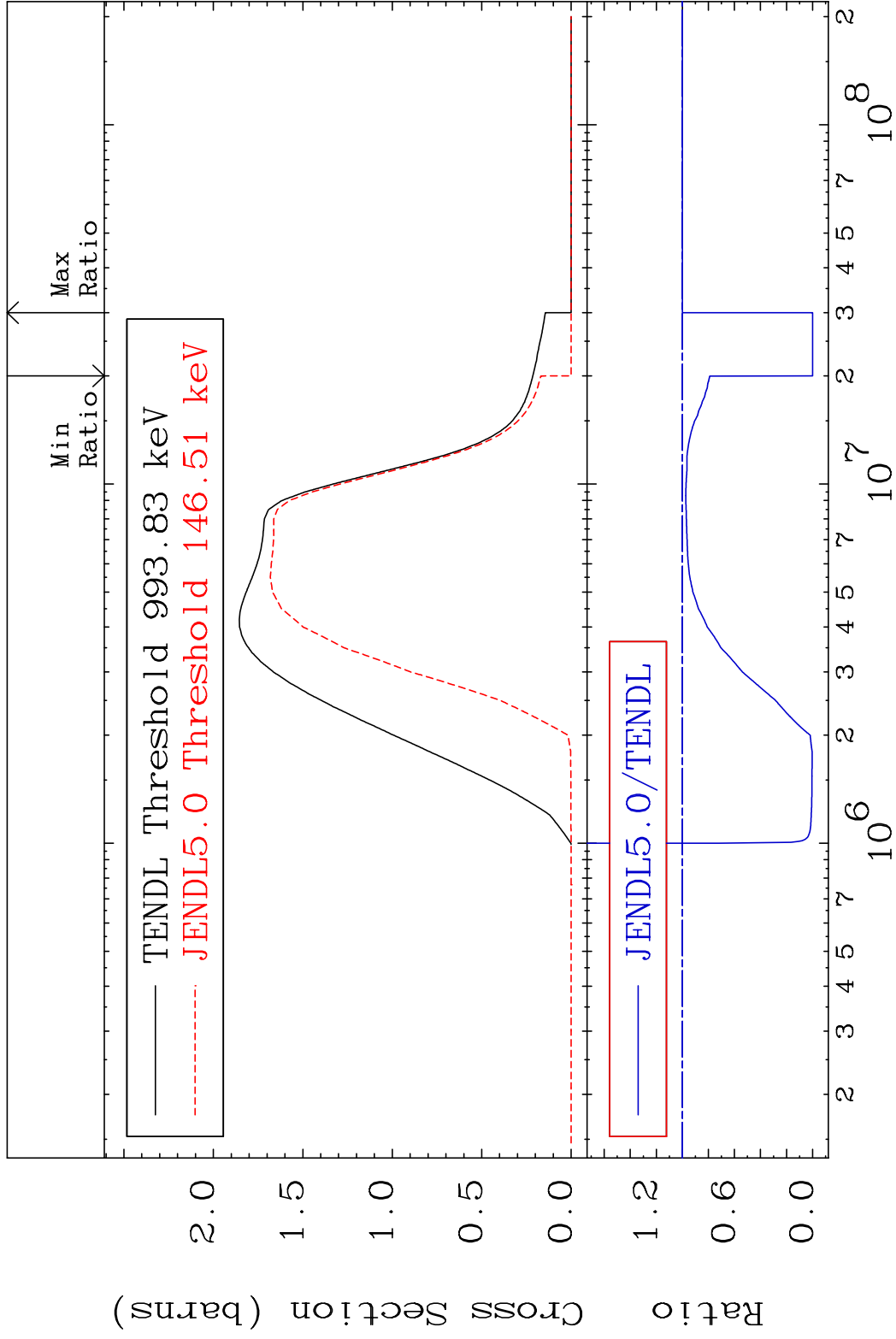
25 36-Kr-81

MAT 3634

(n, n') Continuum

36-Kr-81

Cross Section -100.0 To 0.000 %



26

Incident Energy (eV)

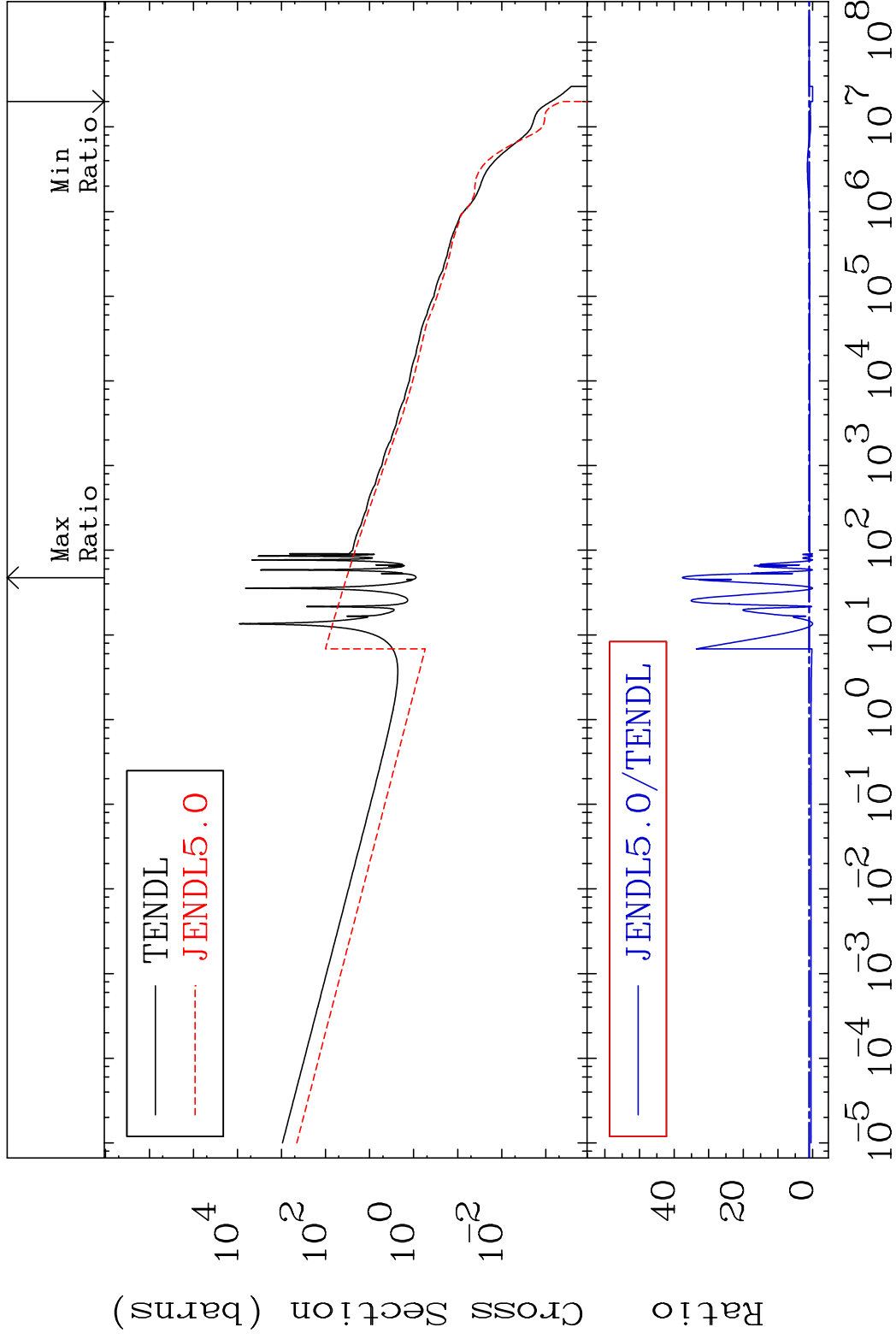
36-Kr-81

MAT 3634

(n,  $\gamma$ )

36-Kr-81

Cross Section -100.0 To 3662. %



27

Incident Energy (eV)

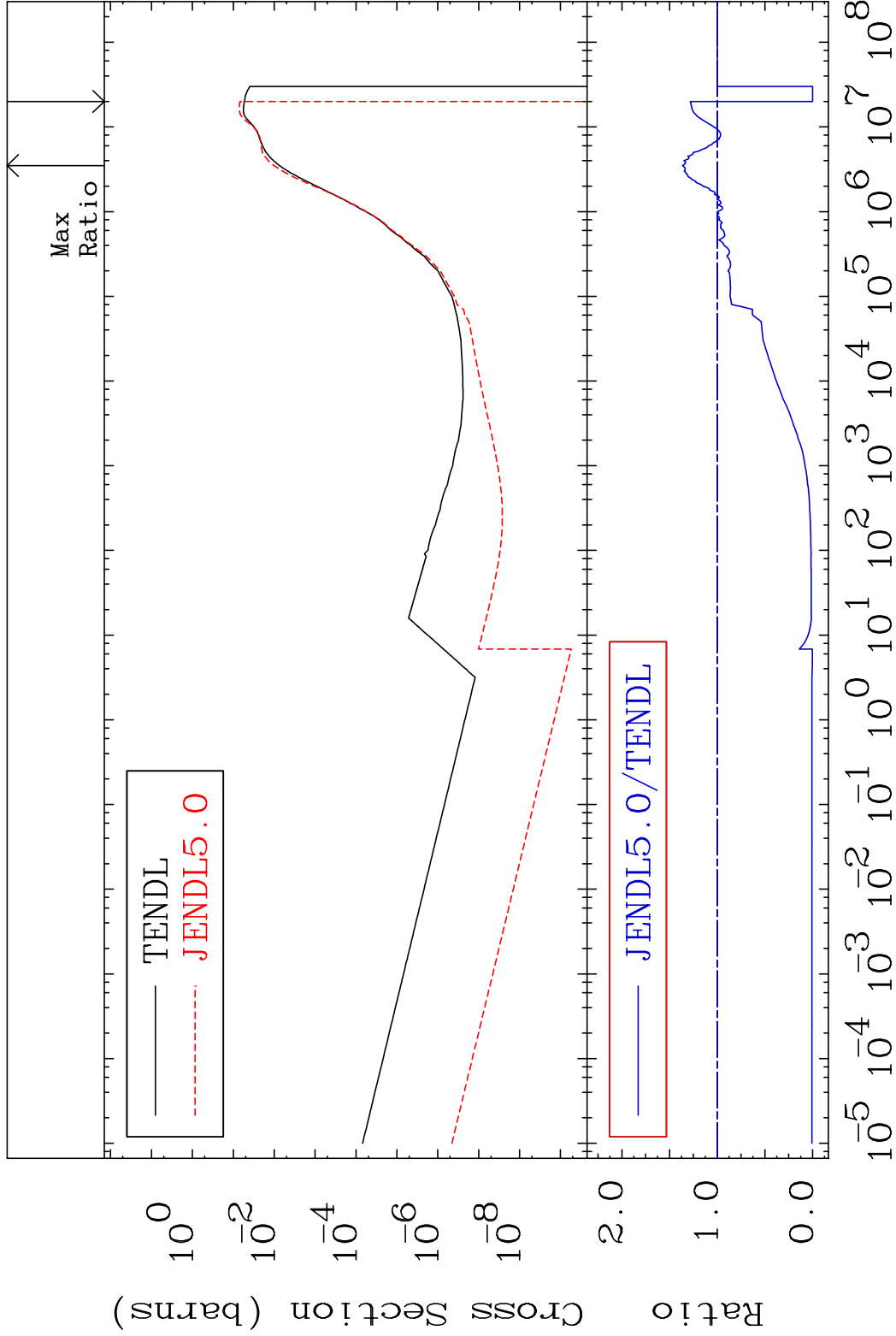
36-Kr-81

MAT 3634

(n, p)

36-Kr-81

Cross Section -100.0 To 36.55 %



28

Incident Energy (eV)

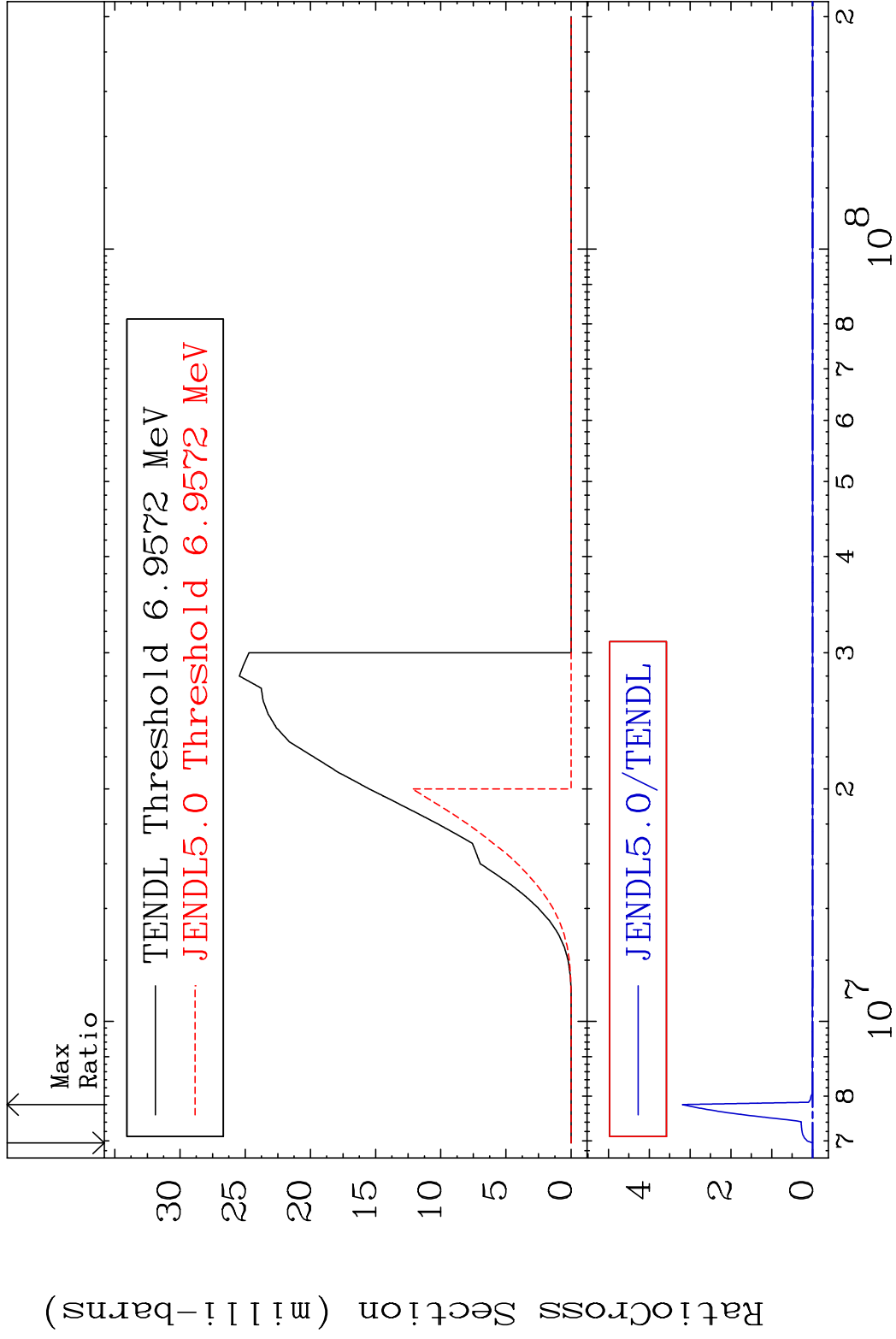
36-Kr-81

MAT 3634

(n,d)

36-Kr-81

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

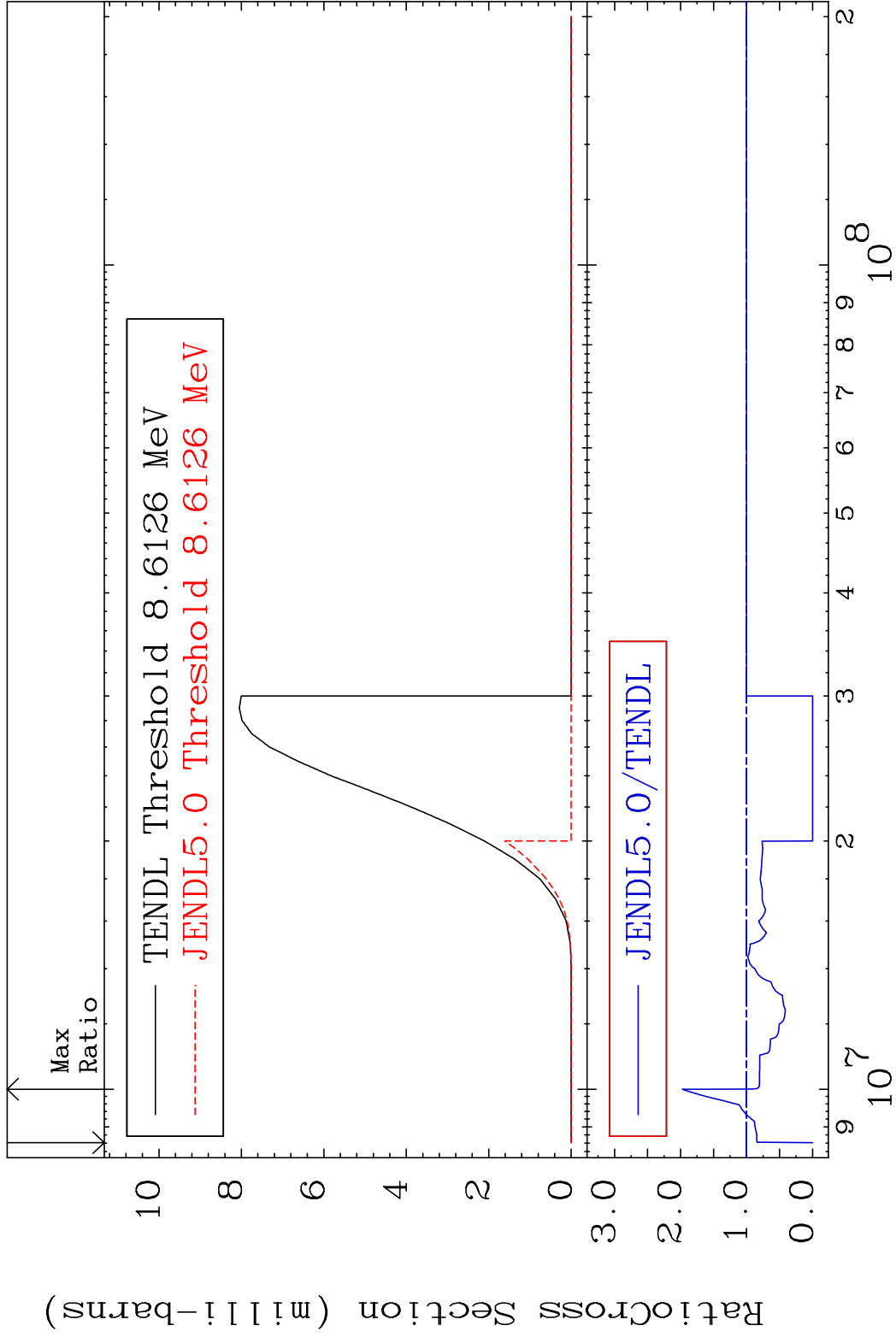
36-Kr-81

MAT 3634

(n, t)

36-Kr-81

Cross Section -100.0 To 97.33 %

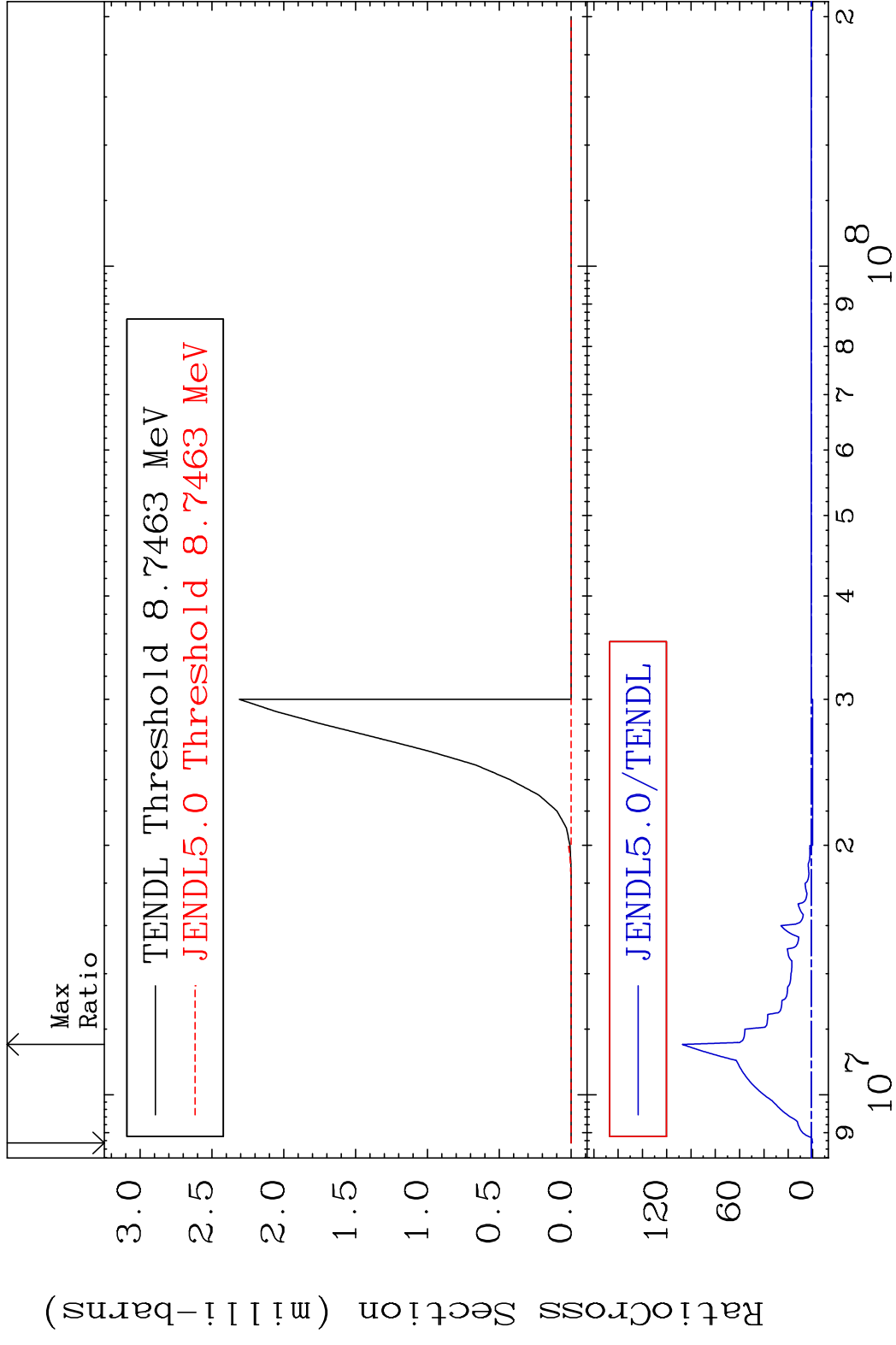


30

Incident Energy (eV)

36-Kr-81

MAT 3634 (n, He-3) 36-Kr-81  
 Cross Section -100.0 To 9999. %



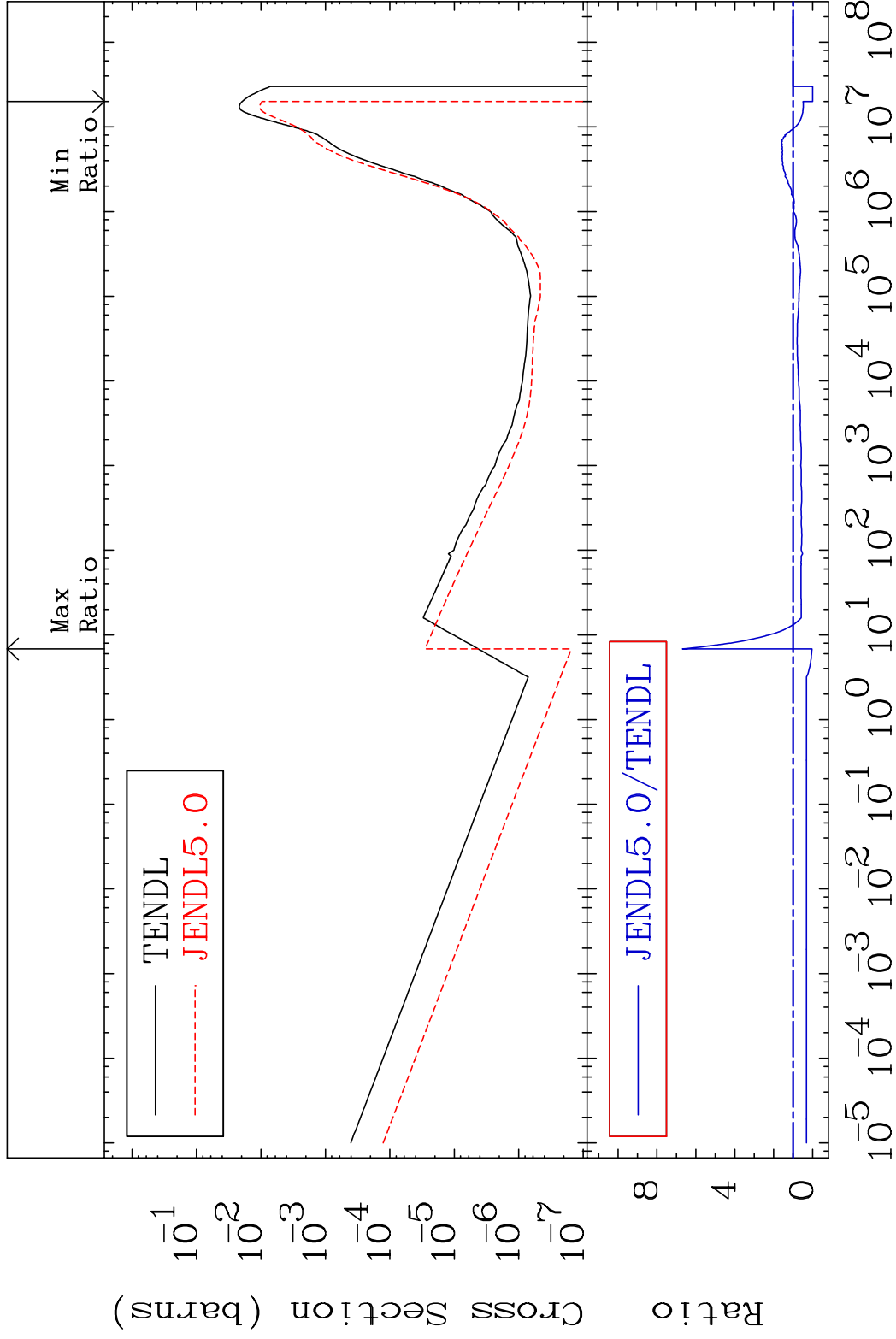


MAT 3634

(n,  $\alpha$ )

36-Kr-81

Cross Section -100.0 To 569.4 %

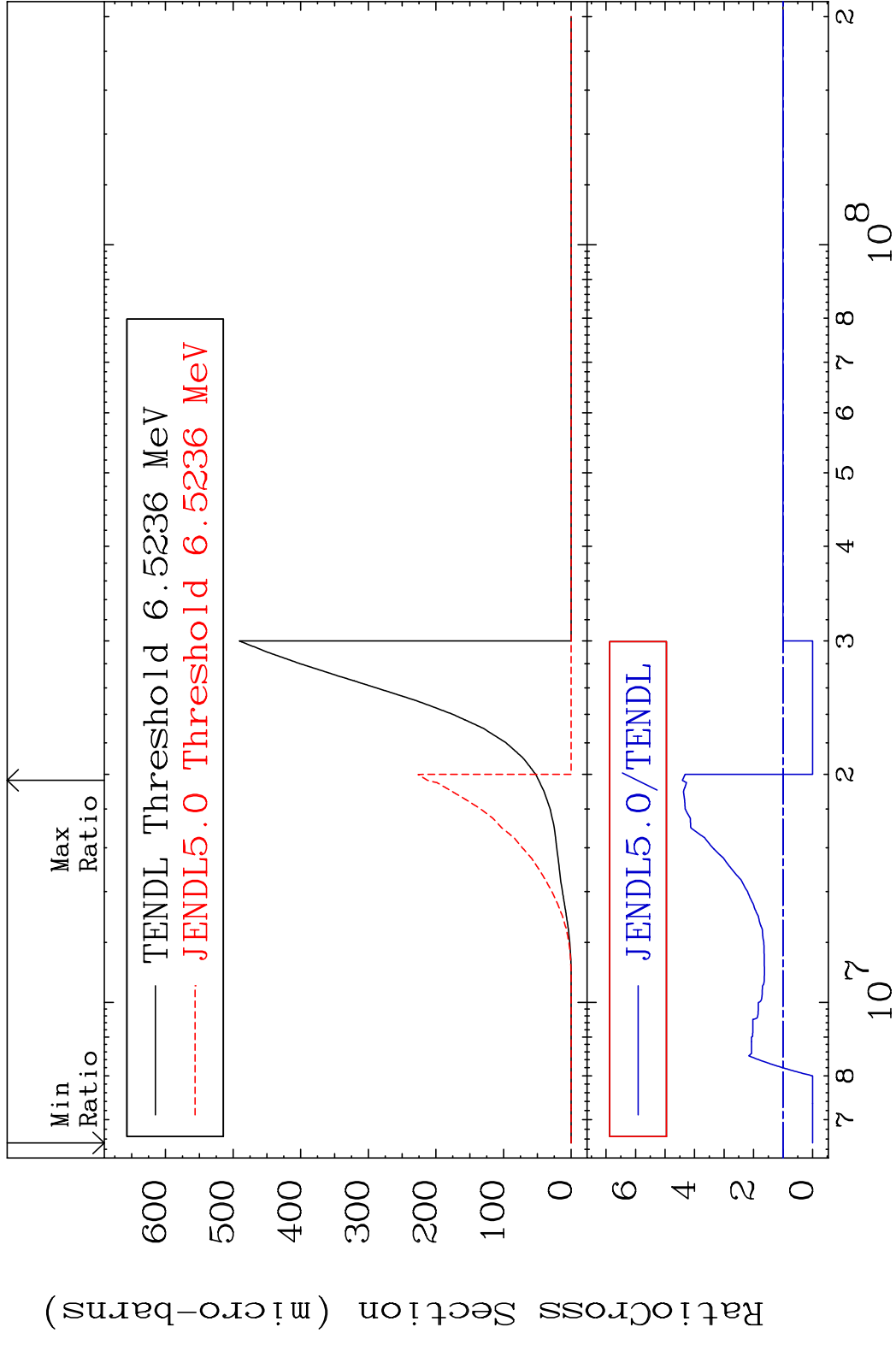


32

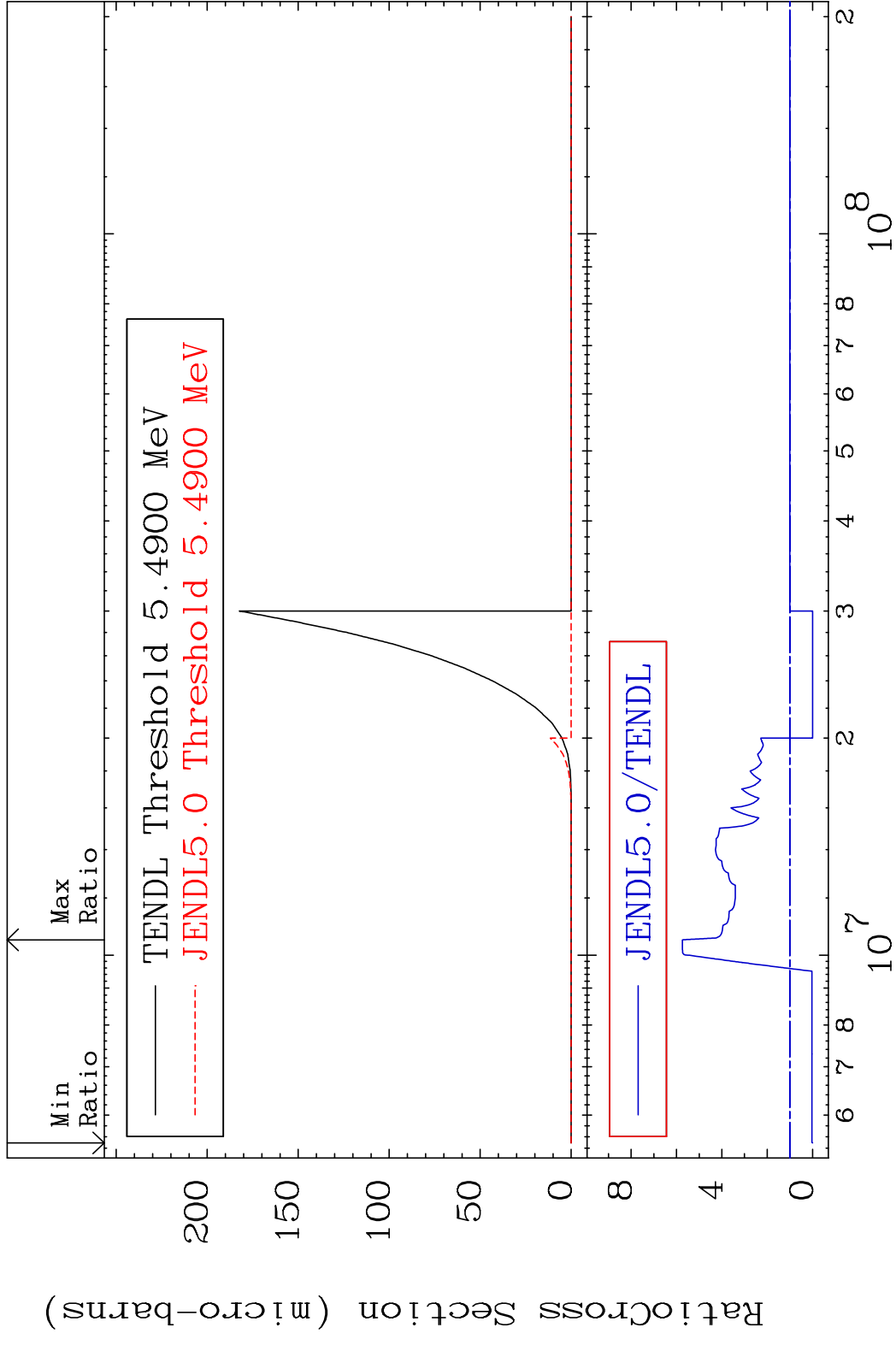
Incident Energy (eV)

36-Kr-81

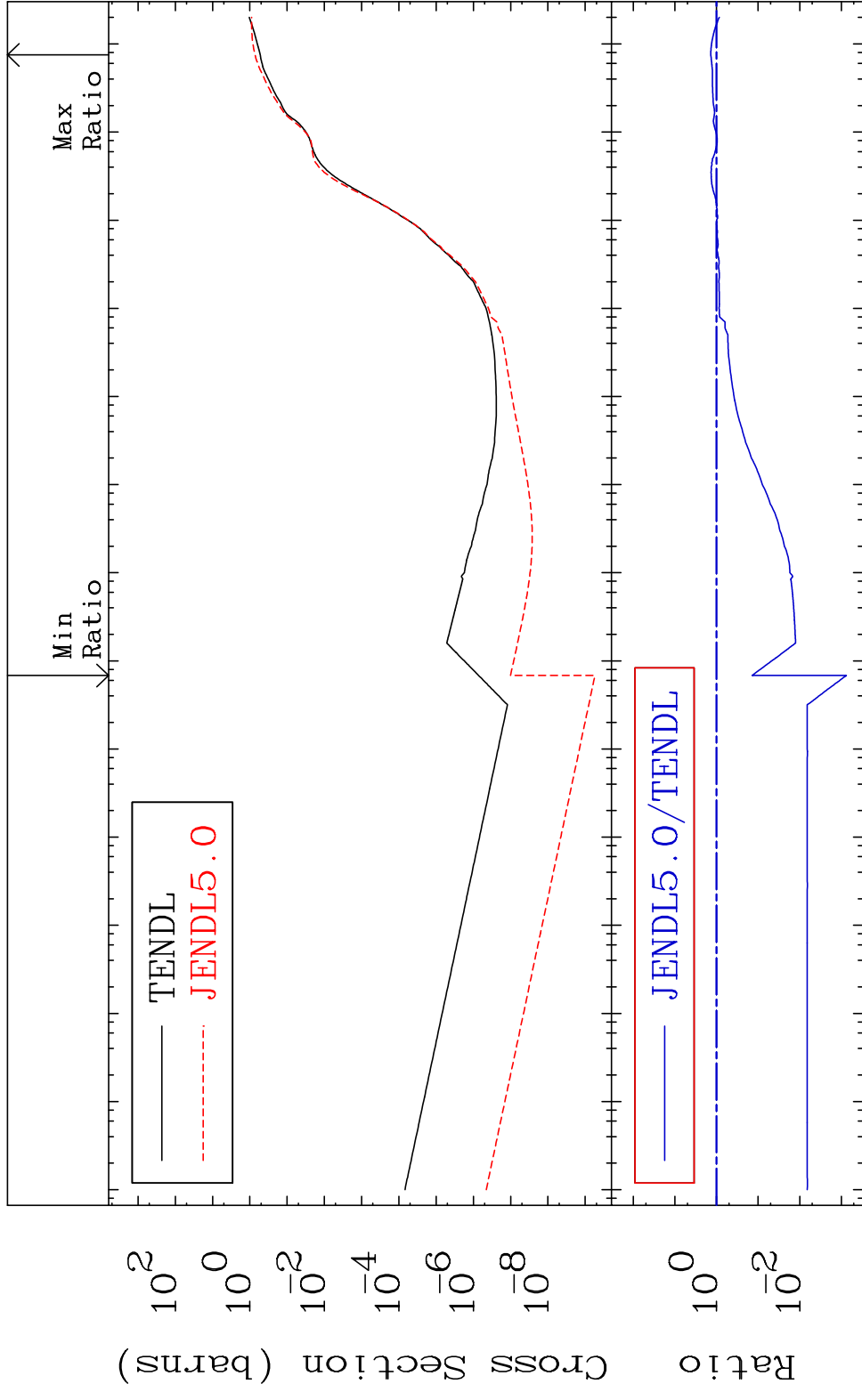
MAT 3634 (n,2p) 36-Kr-81  
 Cross Section -100.0 To 341.4 %



MAT 3634 (n,p)  $\alpha$   $^{36}\text{Kr-81}$   
 Cross Section -100.0 To 474.1 %

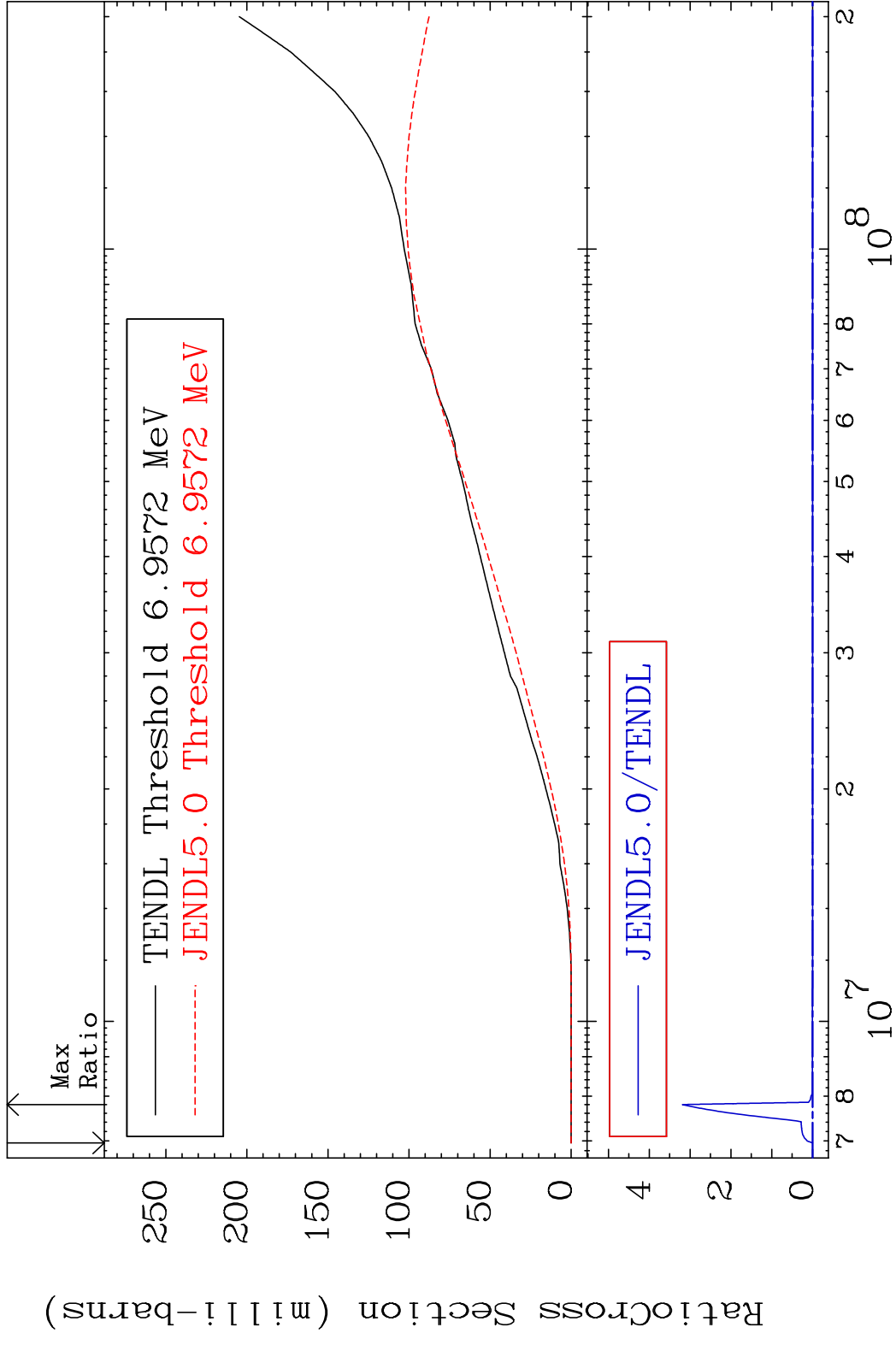


MAT 3634 Hydrogen Production 36-Kr-81  
 Cross Section -99.92 To 38.15 %



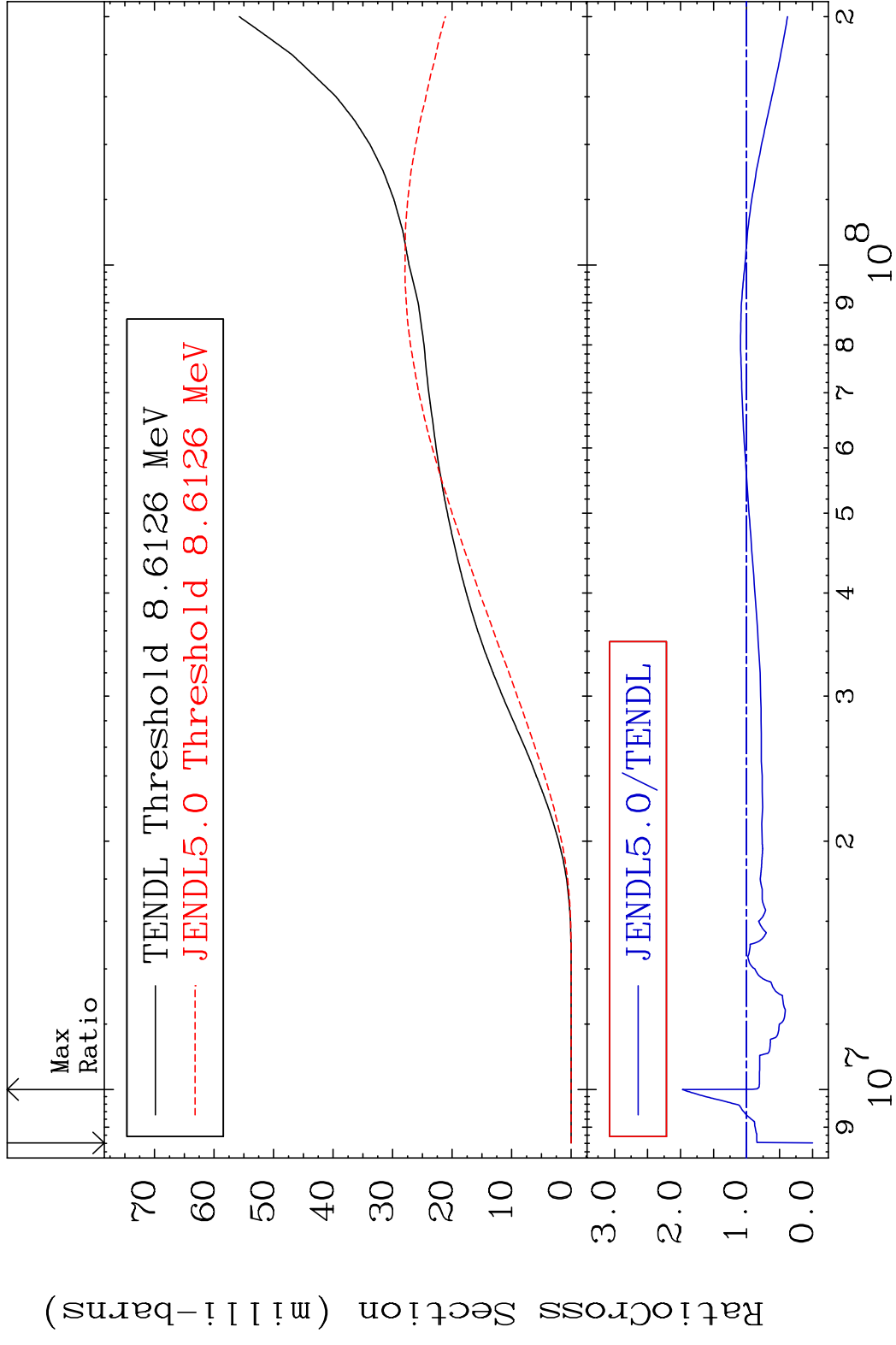
35 Incident Energy (eV) 36-Kr-81

MAT 3634 Deuterium Production 36-Kr-81  
 Cross Section -100.0 To 9999. %



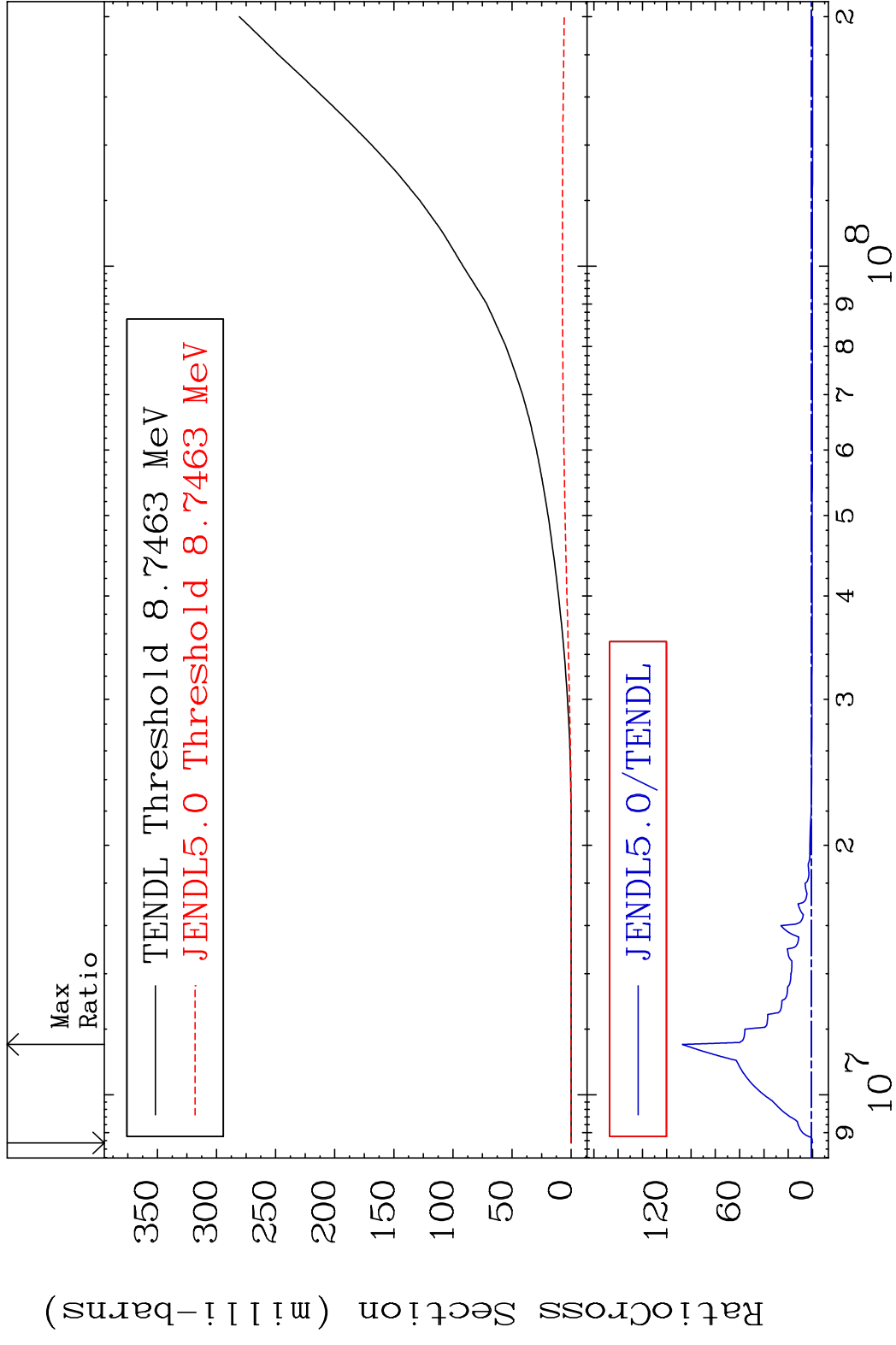
36 36-Kr-81

MAT 3634 Tritium Production 36-Kr-81  
 Cross Section -100.0 To 97.33 %



37 36-Kr-81

MAT 3634 He-3 Production 36-Kr-81  
 Cross Section -100.0 To 9999. %



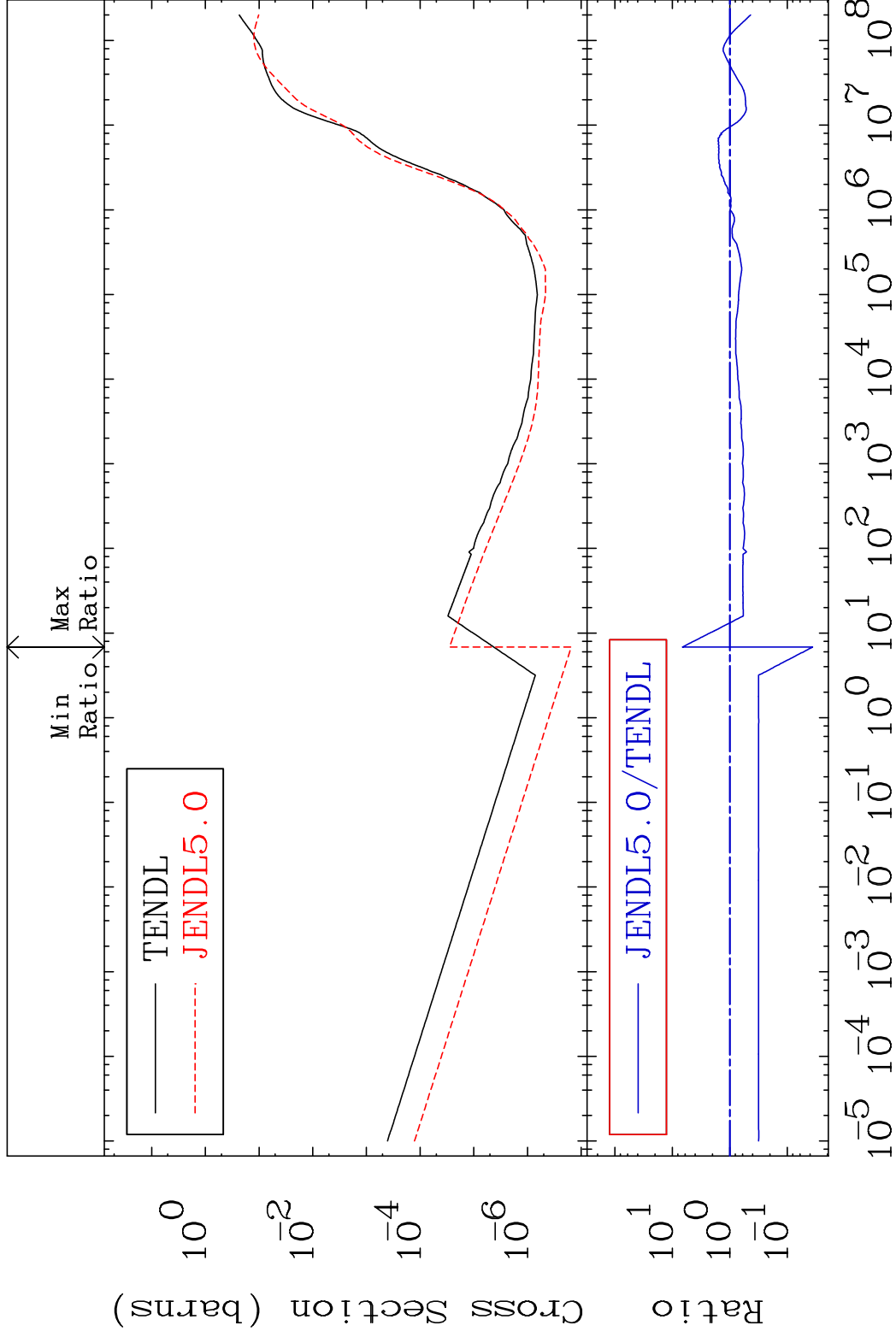
38 Incident Energy (eV) 36-Kr-81

MAT 3634

He-4 Production

36-Kr-81

Cross Section -96.38 To 569.4 %



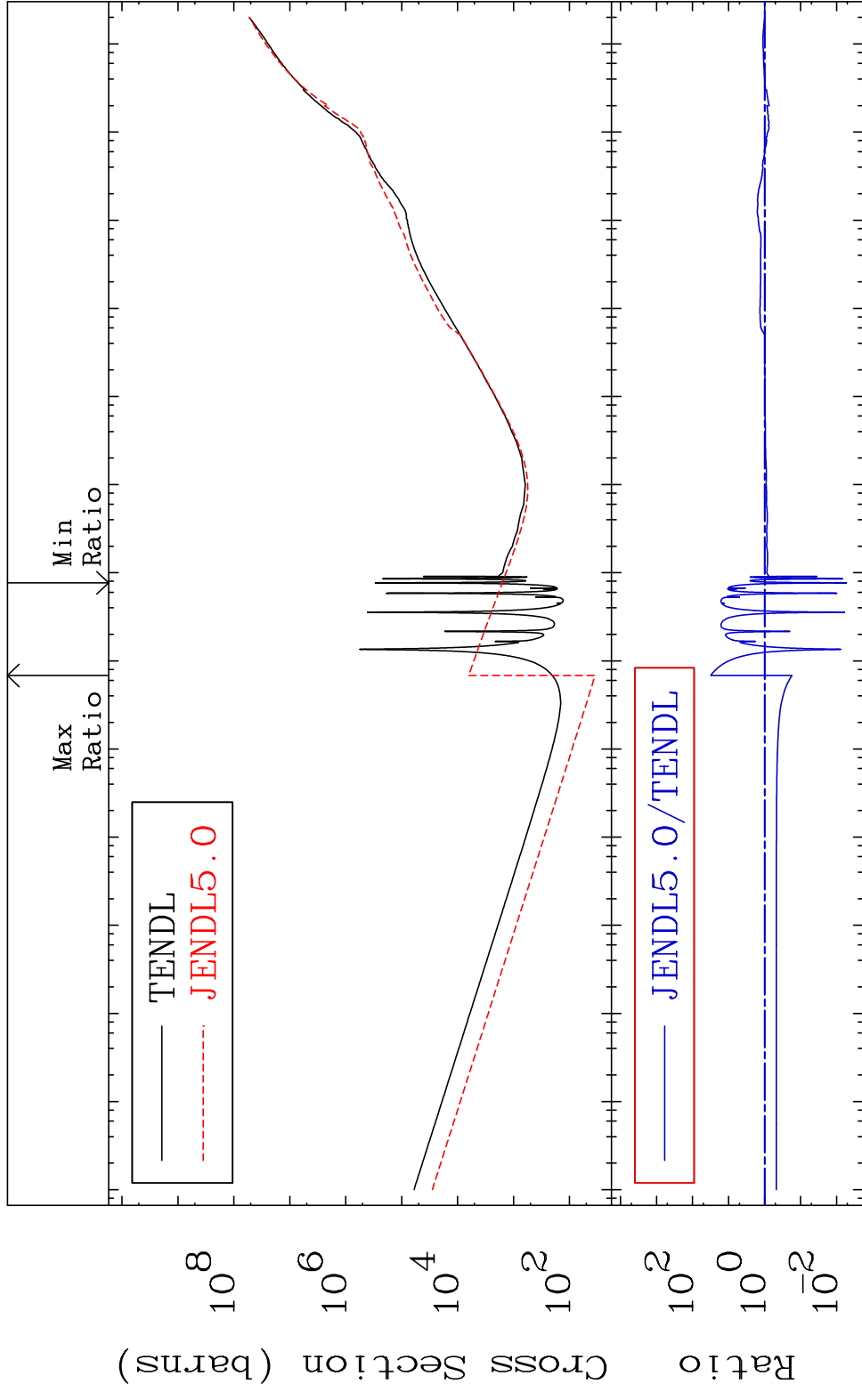
39

Incident Energy (eV)

36-Kr-81



MAT 3634 Kerma total (eV-barns) 36-Kr-81  
 Cross Section -99.46 To 3025. %



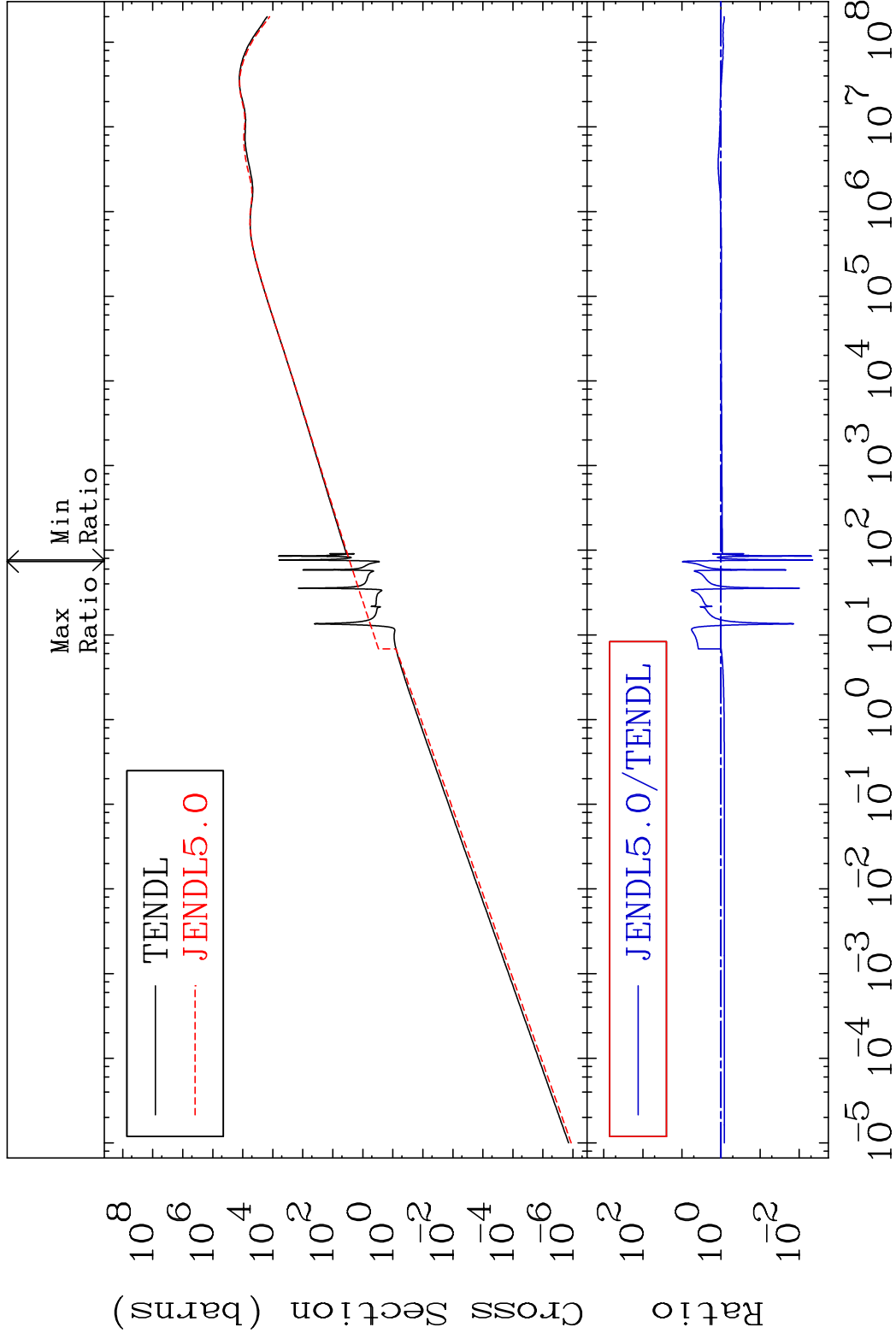
40 Incident Energy (eV) 36-Kr-81

MAT 3634

Kerma elastic

36-Kr-81

Cross Section -99.555 To 876.1 %

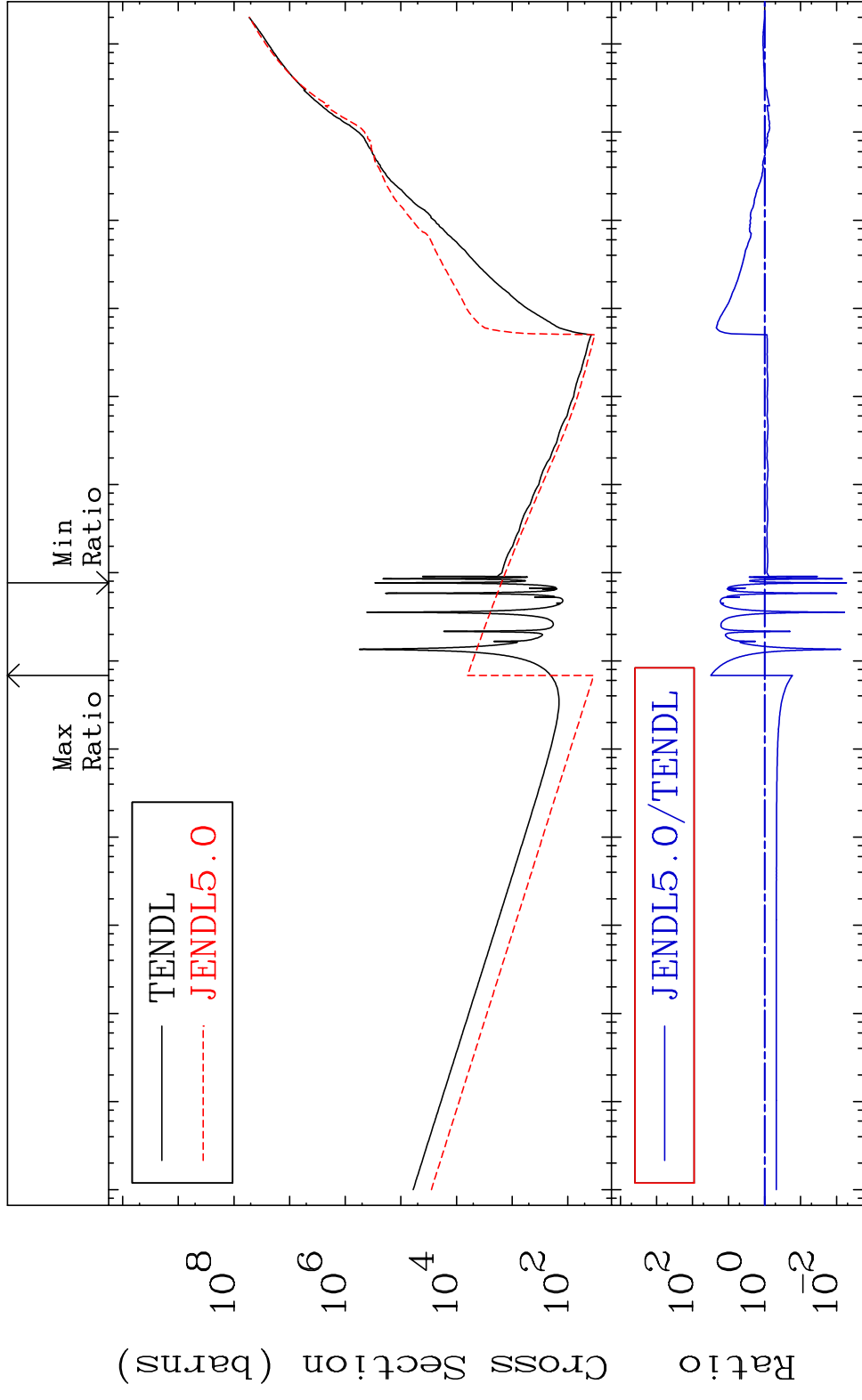


41

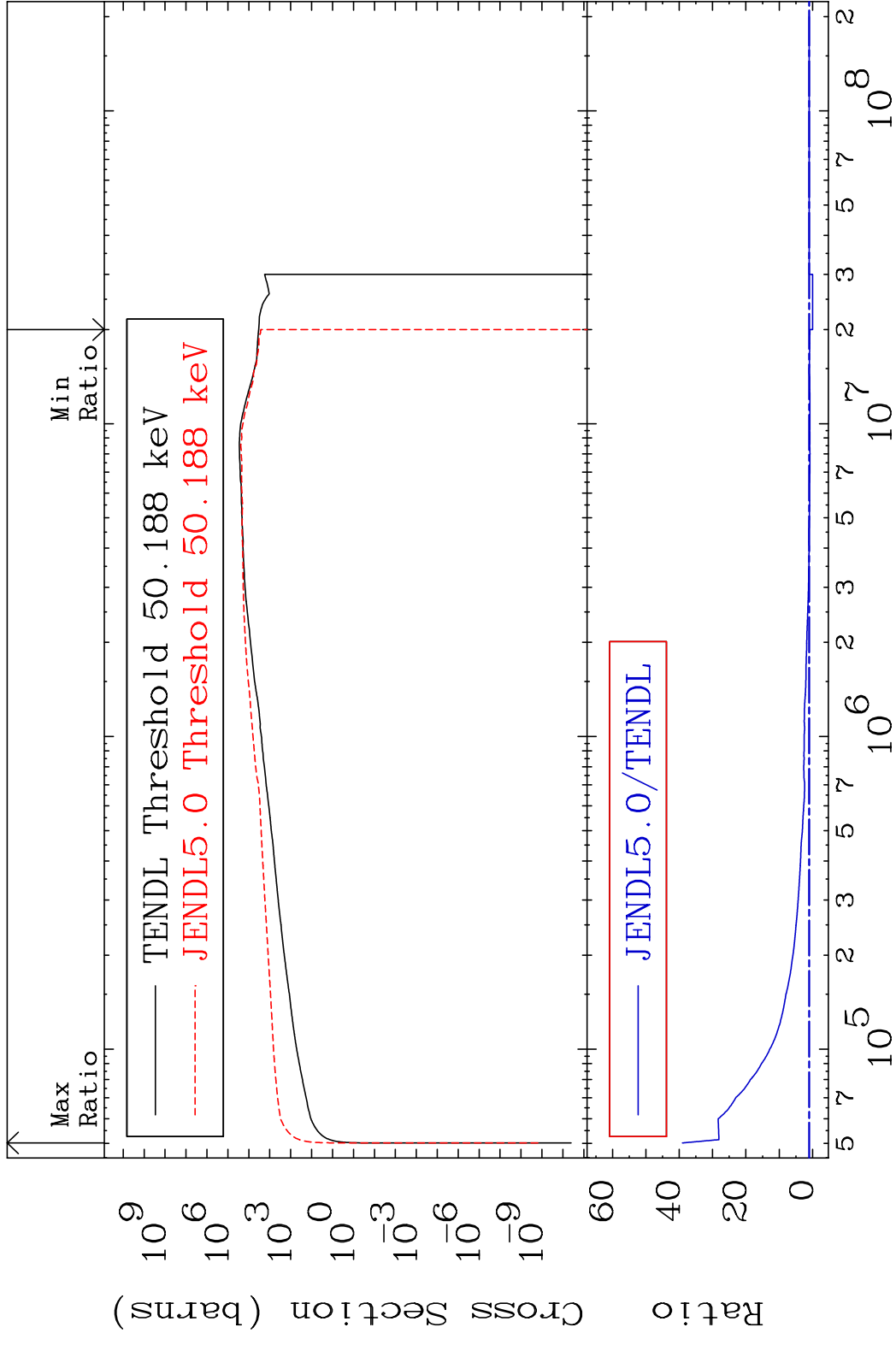
Incident Energy (eV)

36-Kr-81

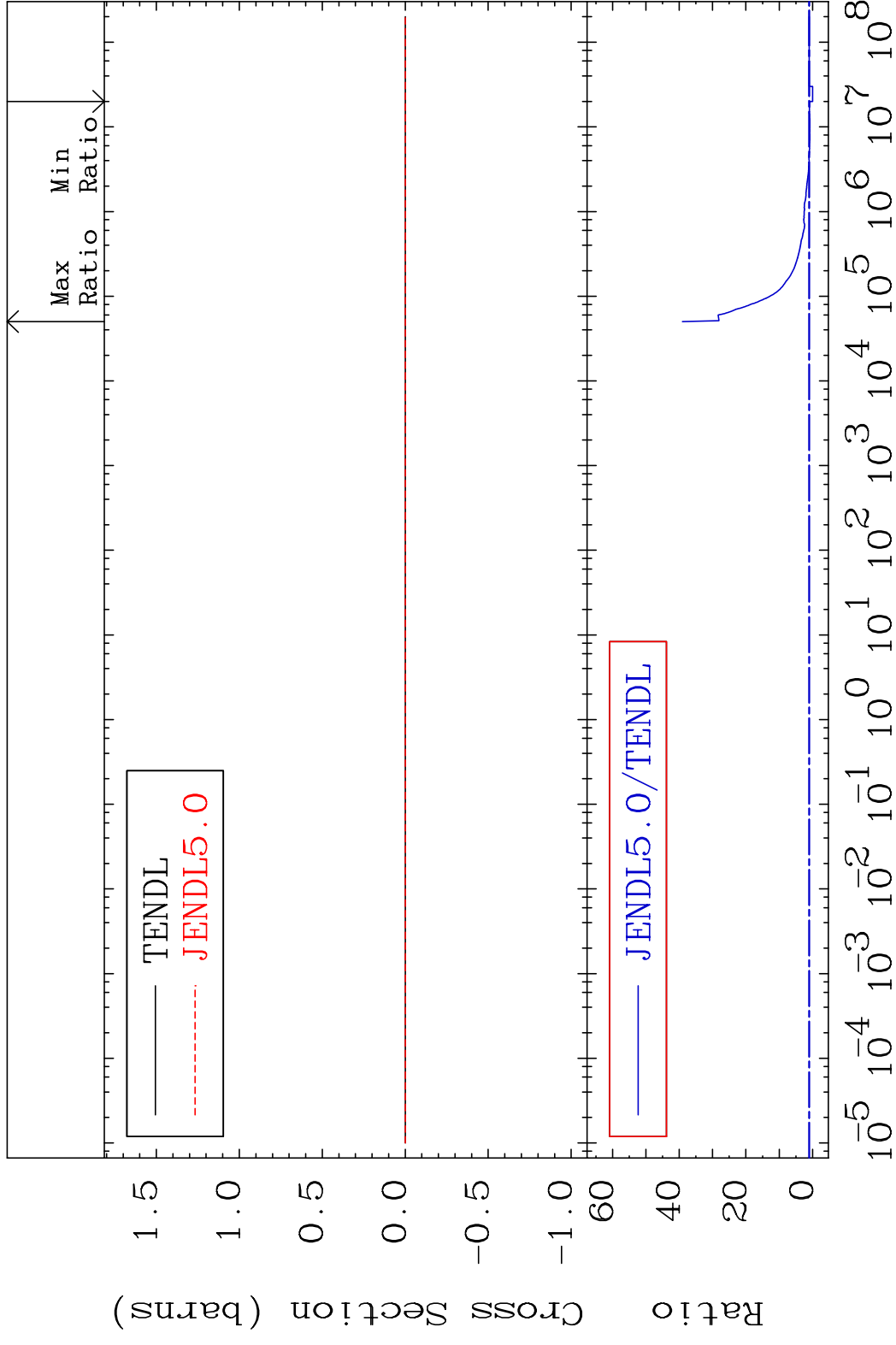
MAT 3634 Kerma non-elastic (all but mt2) 36-Kr-81  
 Cross Section -99.46 To 3035. %



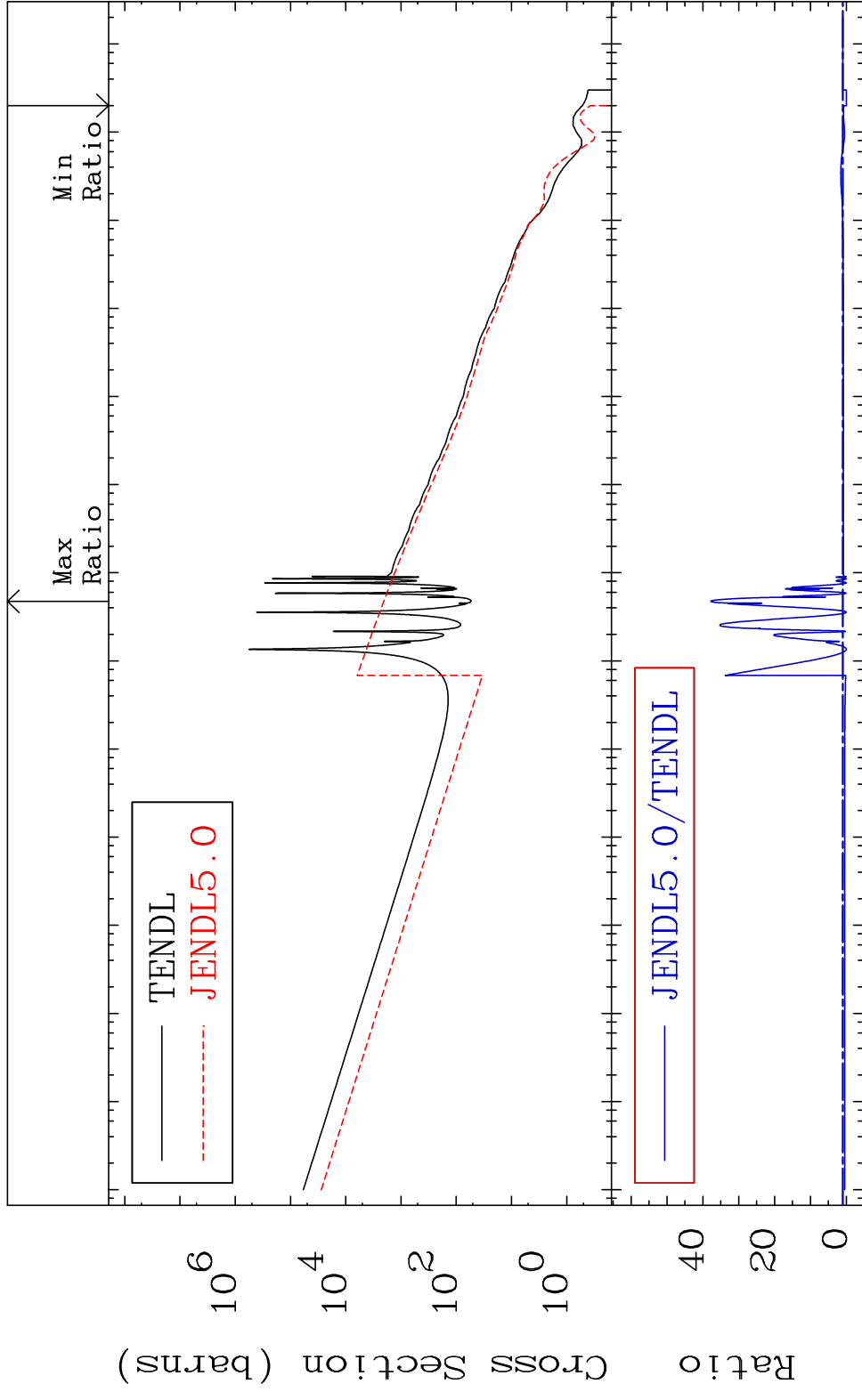
MAT 3634 Kerma inelastic (mt51-91) 36-Kr-81  
 Cross Section -100.0 To 3806. %



MAT 3634 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-81  
 Cross Section -100.0 To 3806. %

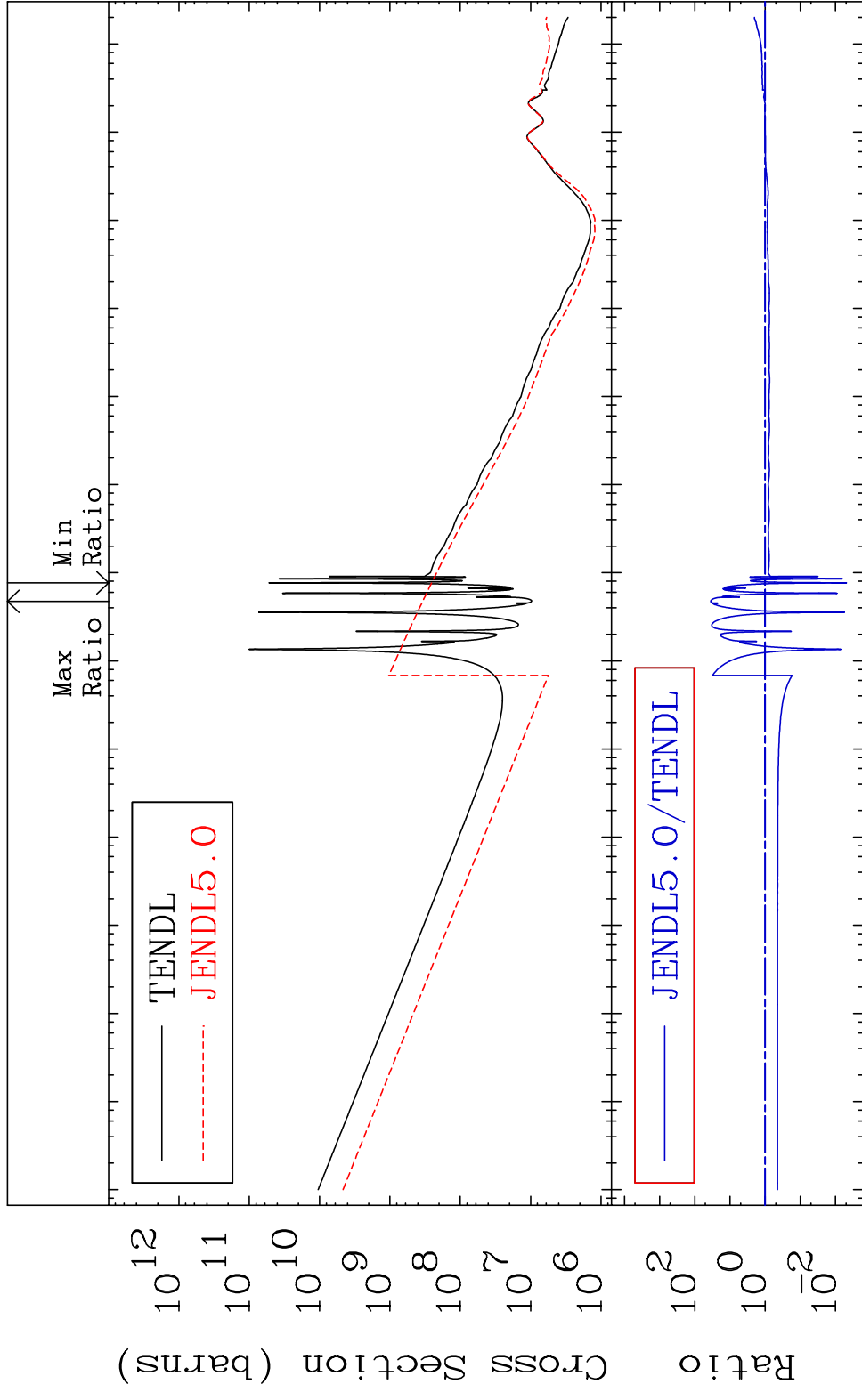


MAT 3634 Kerma capture (mt102) 36-Kr-81  
 Cross Section -100.0 To 3680. %

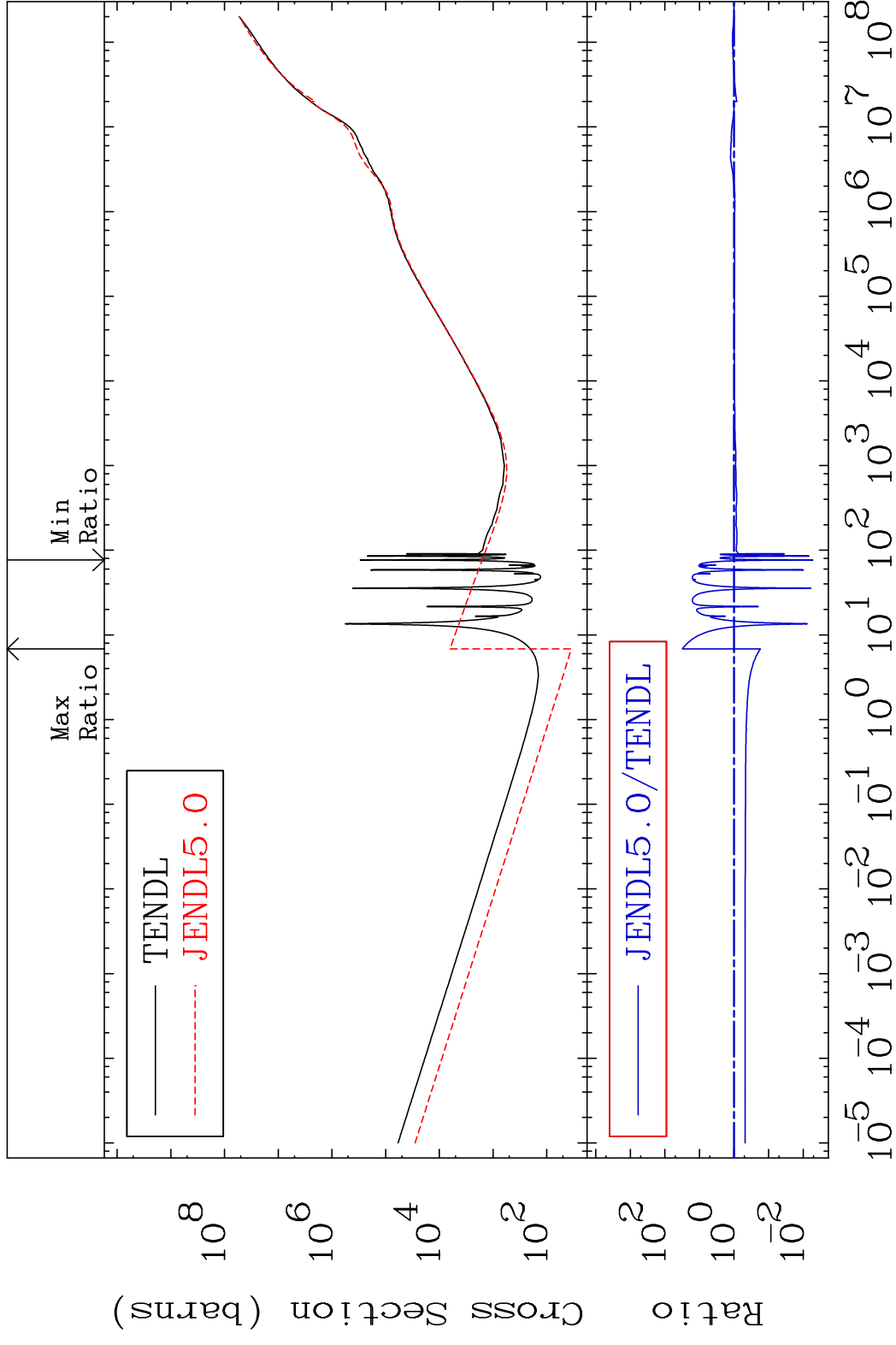


45 Incident Energy (eV) 36-Kr-81

MAT 3634 Total photon (eV-barns) 36-Kr-81  
 Cross Section -99.51 To 3432. %



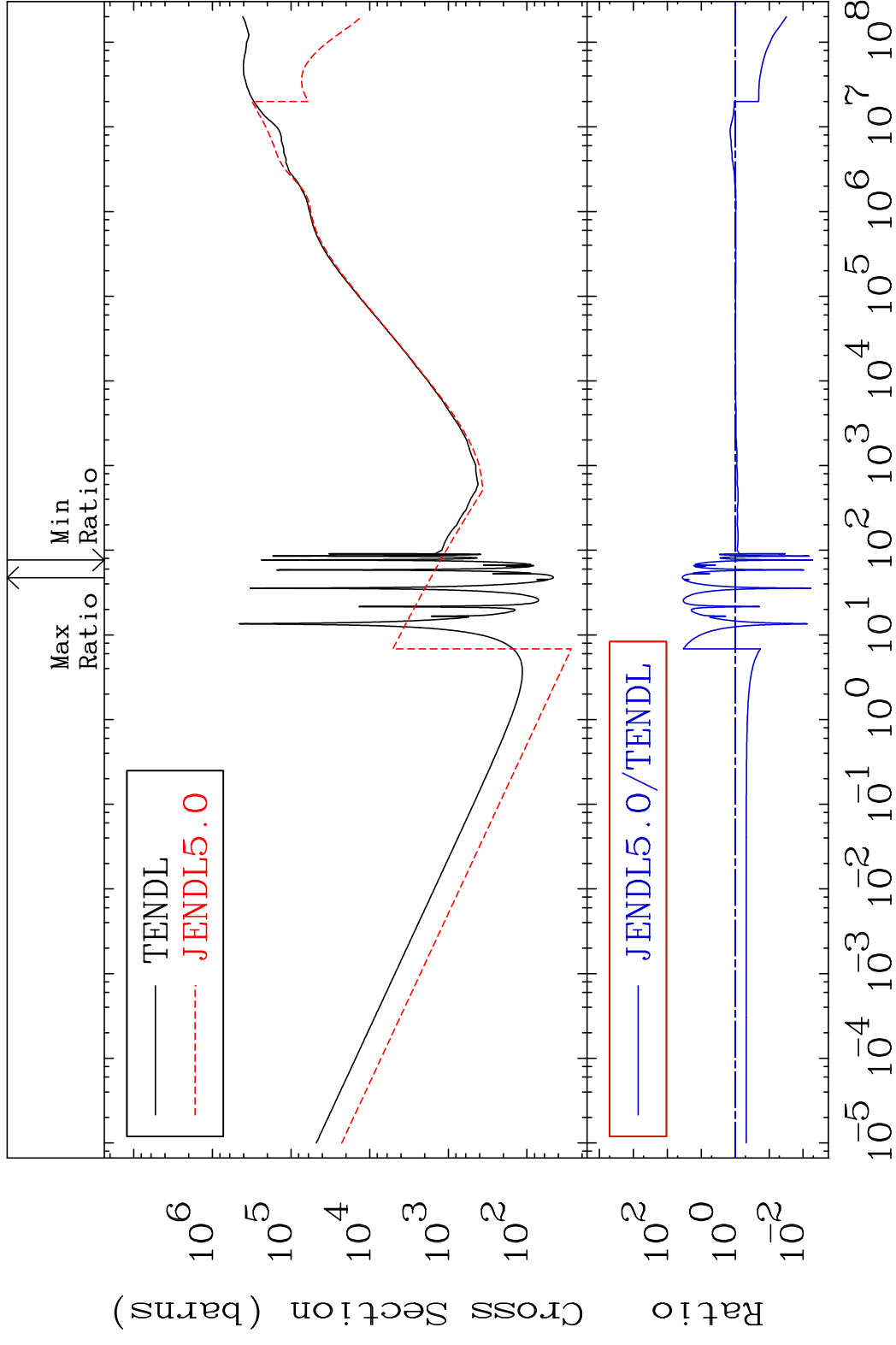
MAT 3634 Total kinematic kerma (high limit) 36-Kr-81  
 Cross Section -99.46 To 3022. %



47 Incident Energy (eV) 36-Kr-81



MAT 3634      Dpa total (eV-barns)      36-Kr-81  
 Cross Section      -99.47 To 3506. %

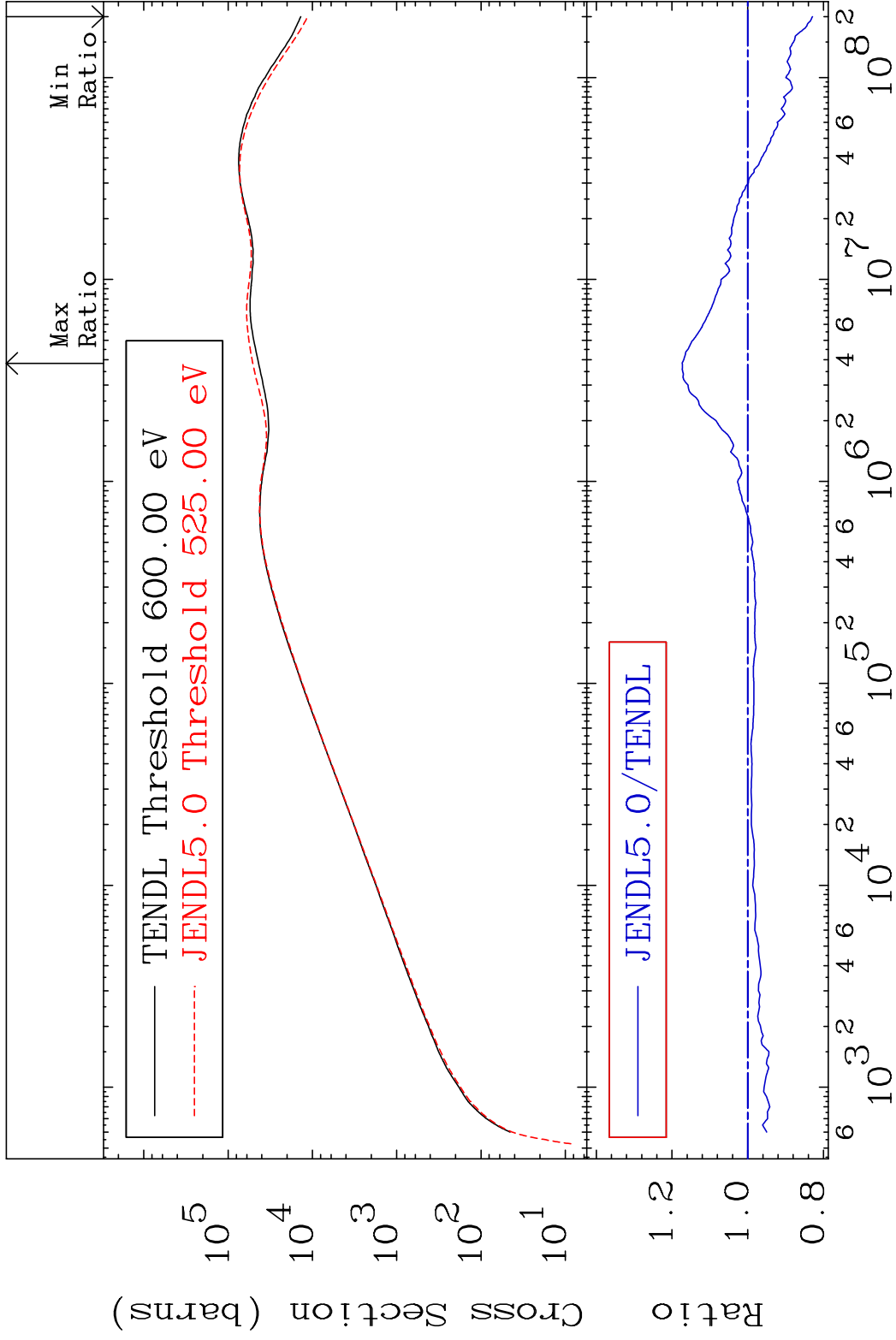


MAT 3634

Dpa elastic (mt2)

36-Kr-81

Cross Section -17.09 To 17.32 %

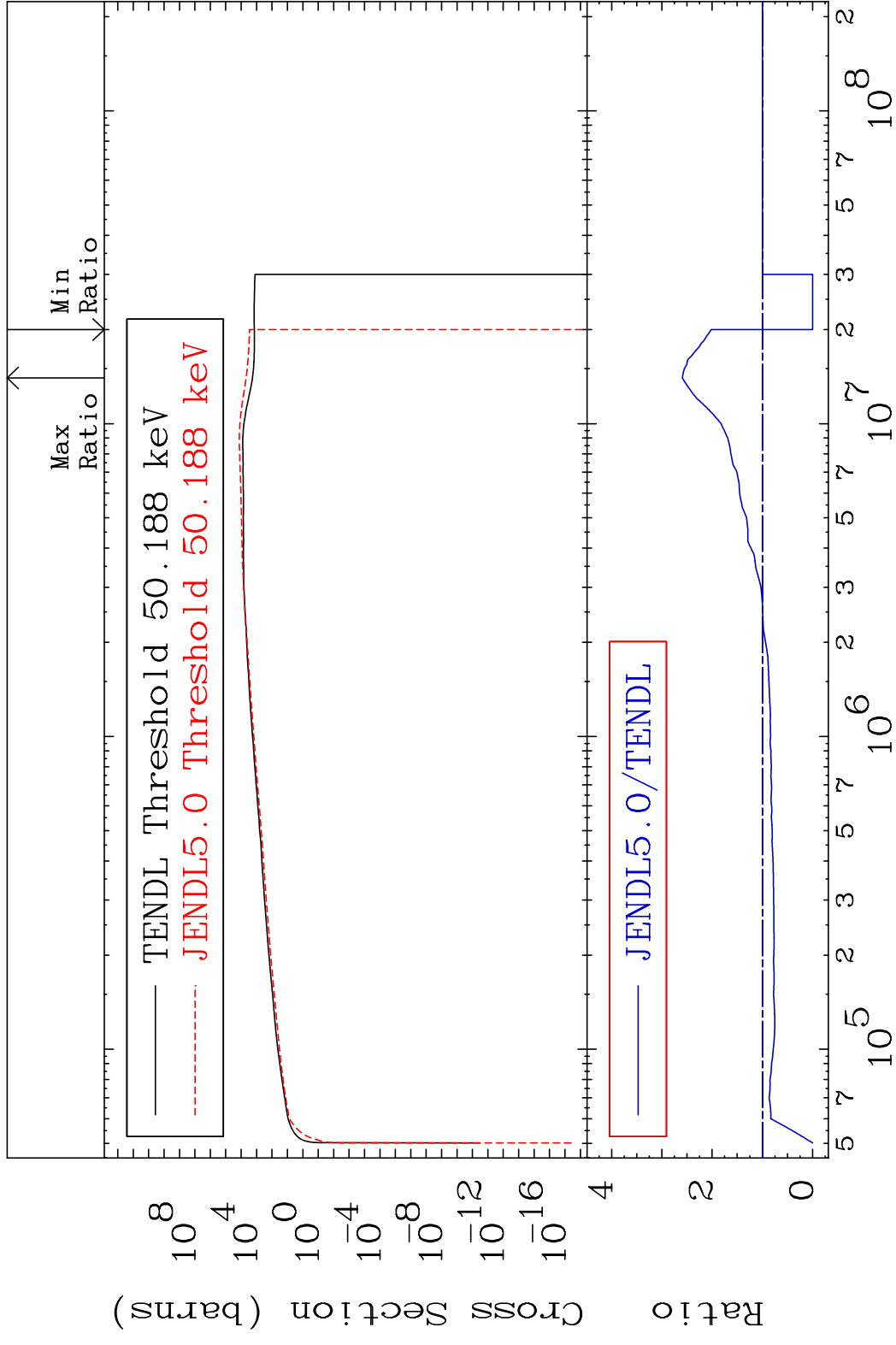


49

Incident Energy (eV)

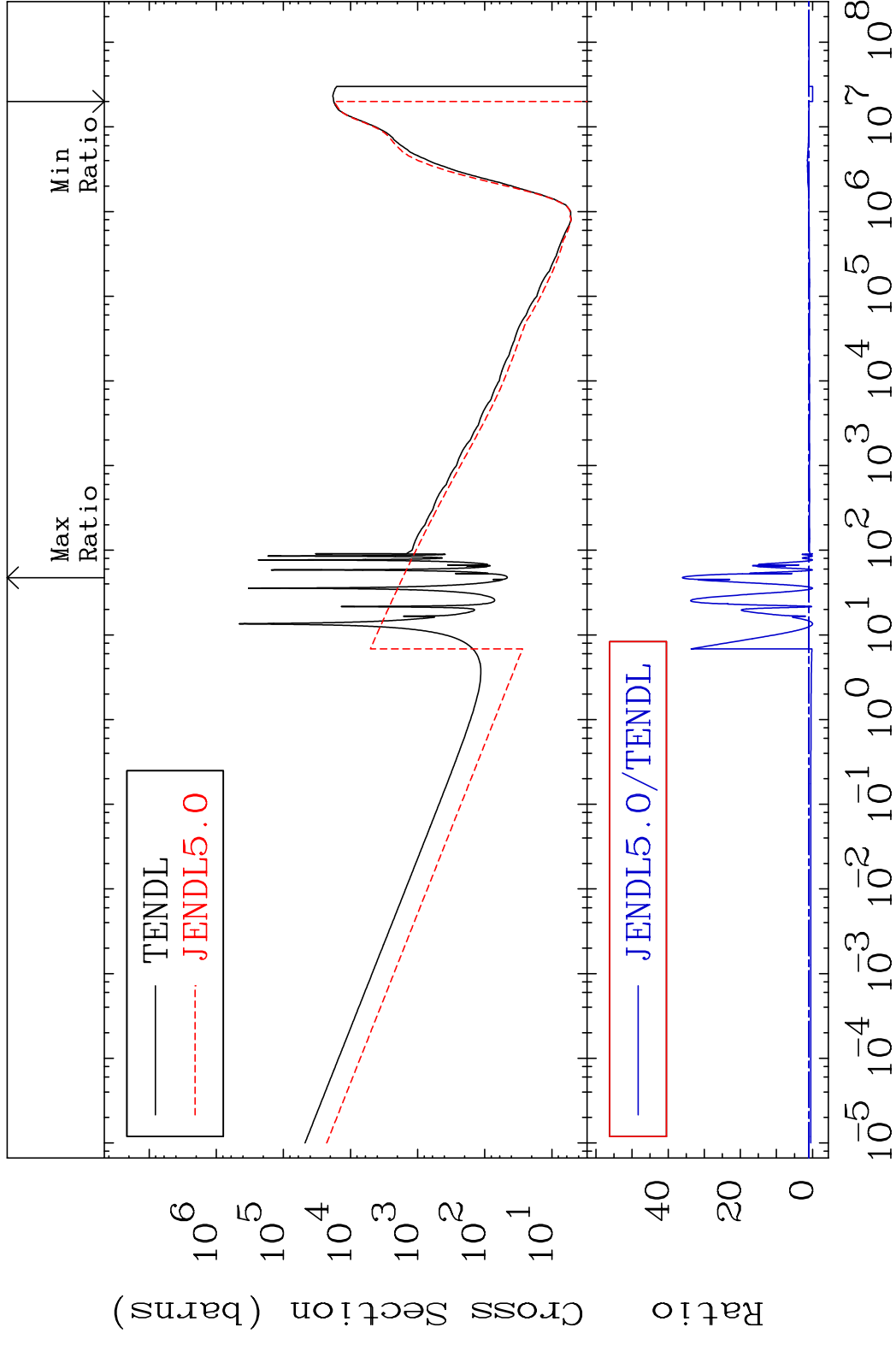
36-Kr-81

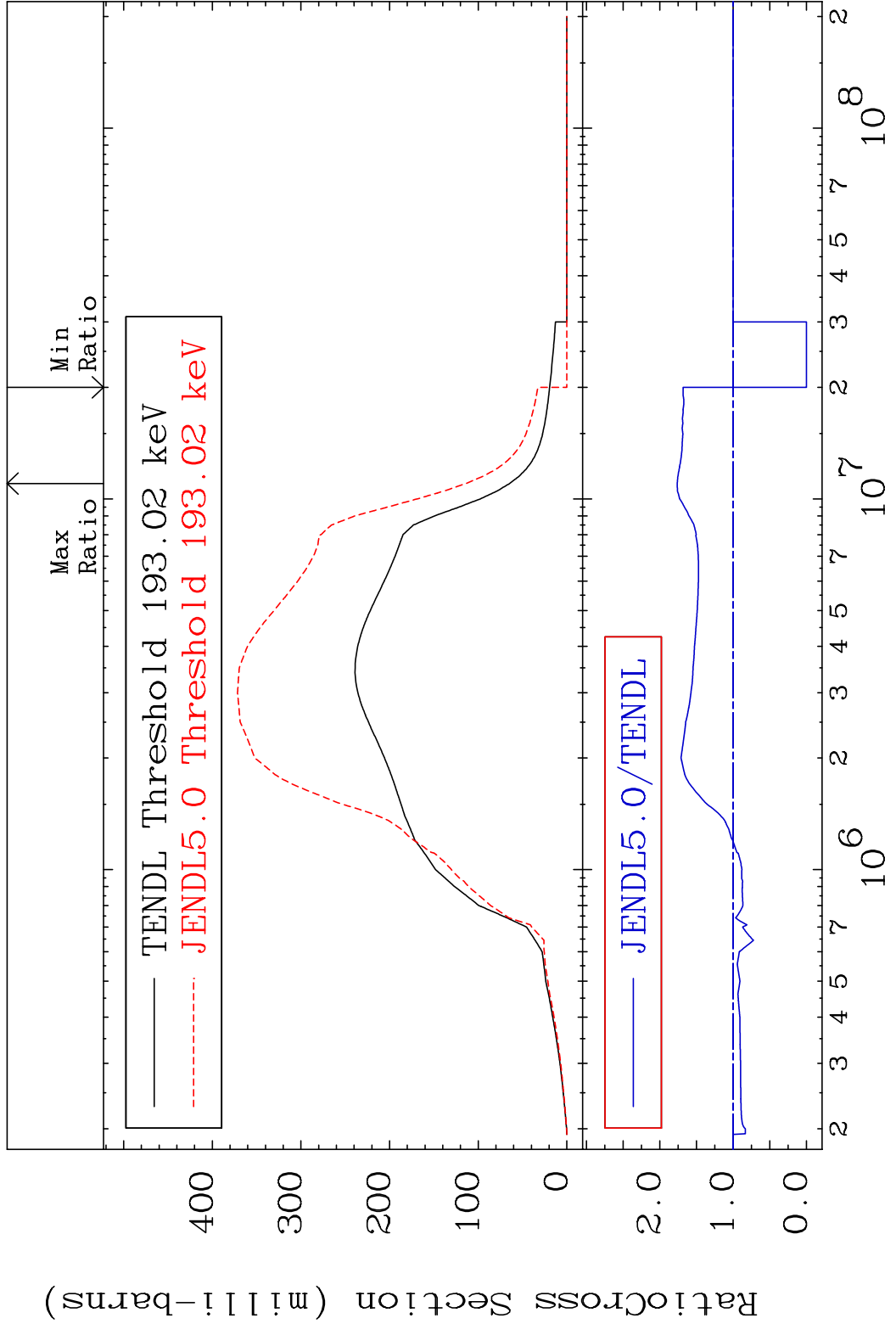
MAT 3634      Dpa inelastic (mt51-91)      36-Kr-81  
 Cross Section      -100.0 To 159.3 %

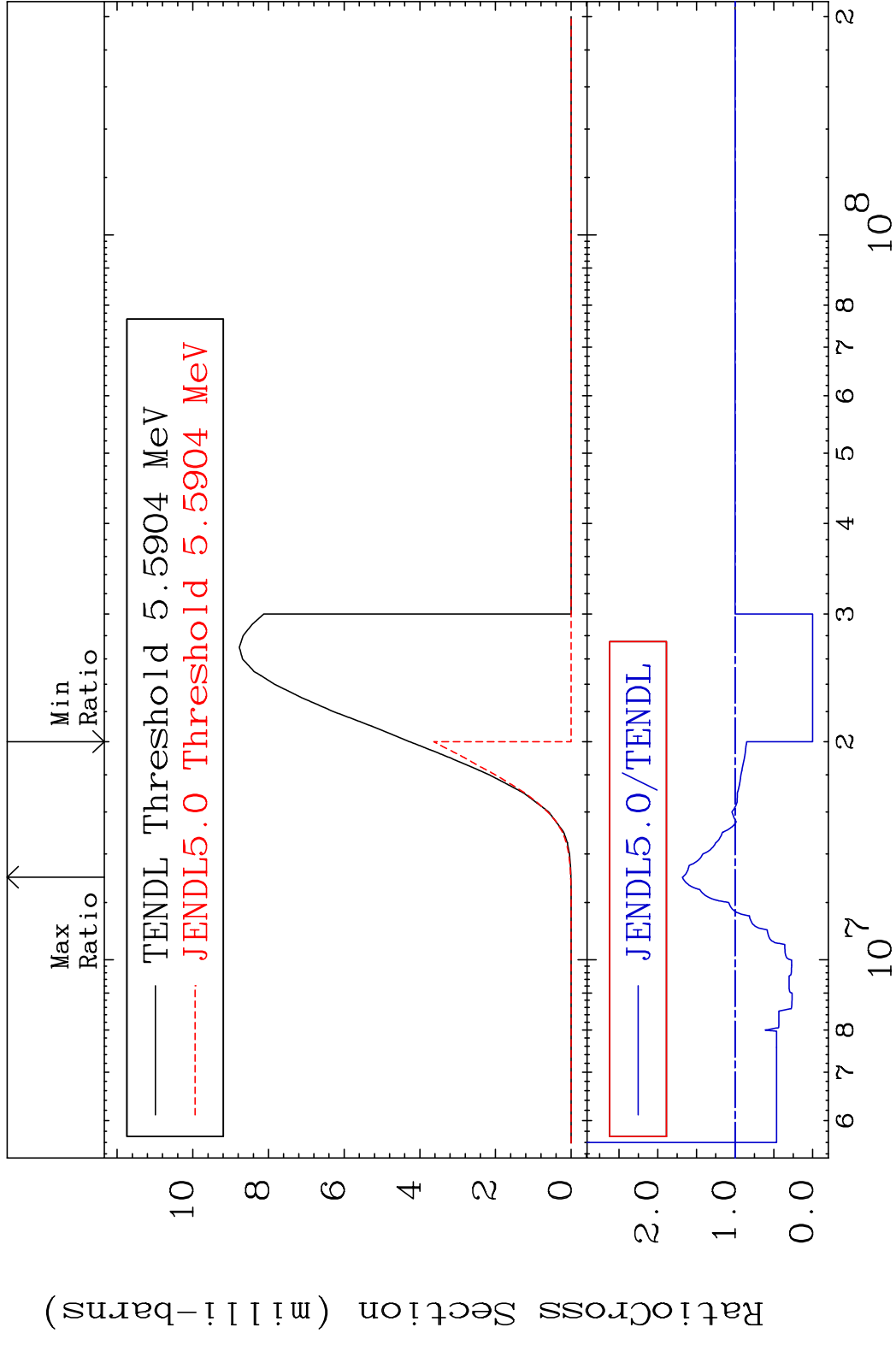


50      Incident Energy (eV)      36-Kr-81

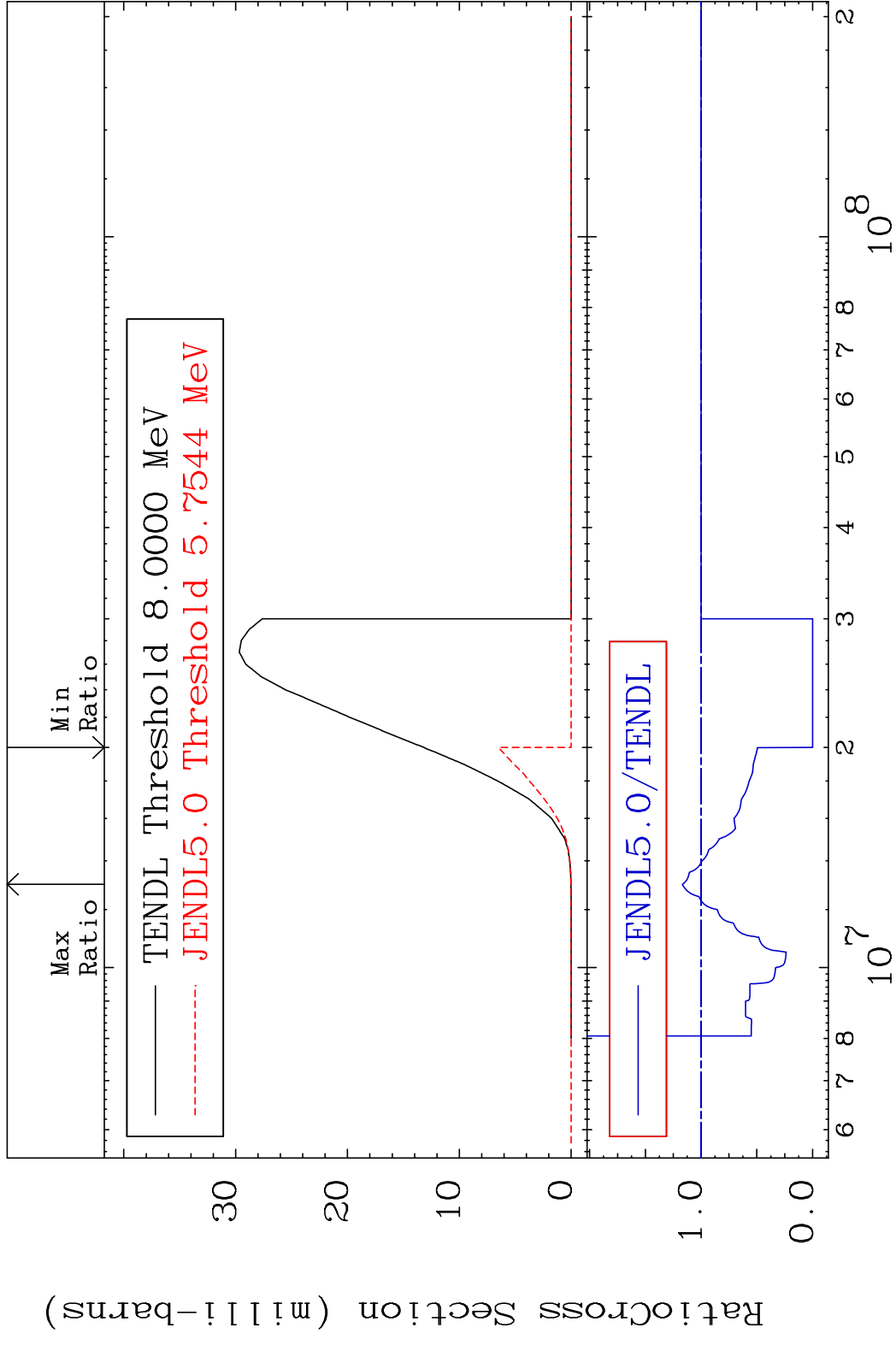
MAT 3634 Dpa disappearance (mt102 -120) 36-Kr-81  
 Cross Section -100.0 To 3506. %



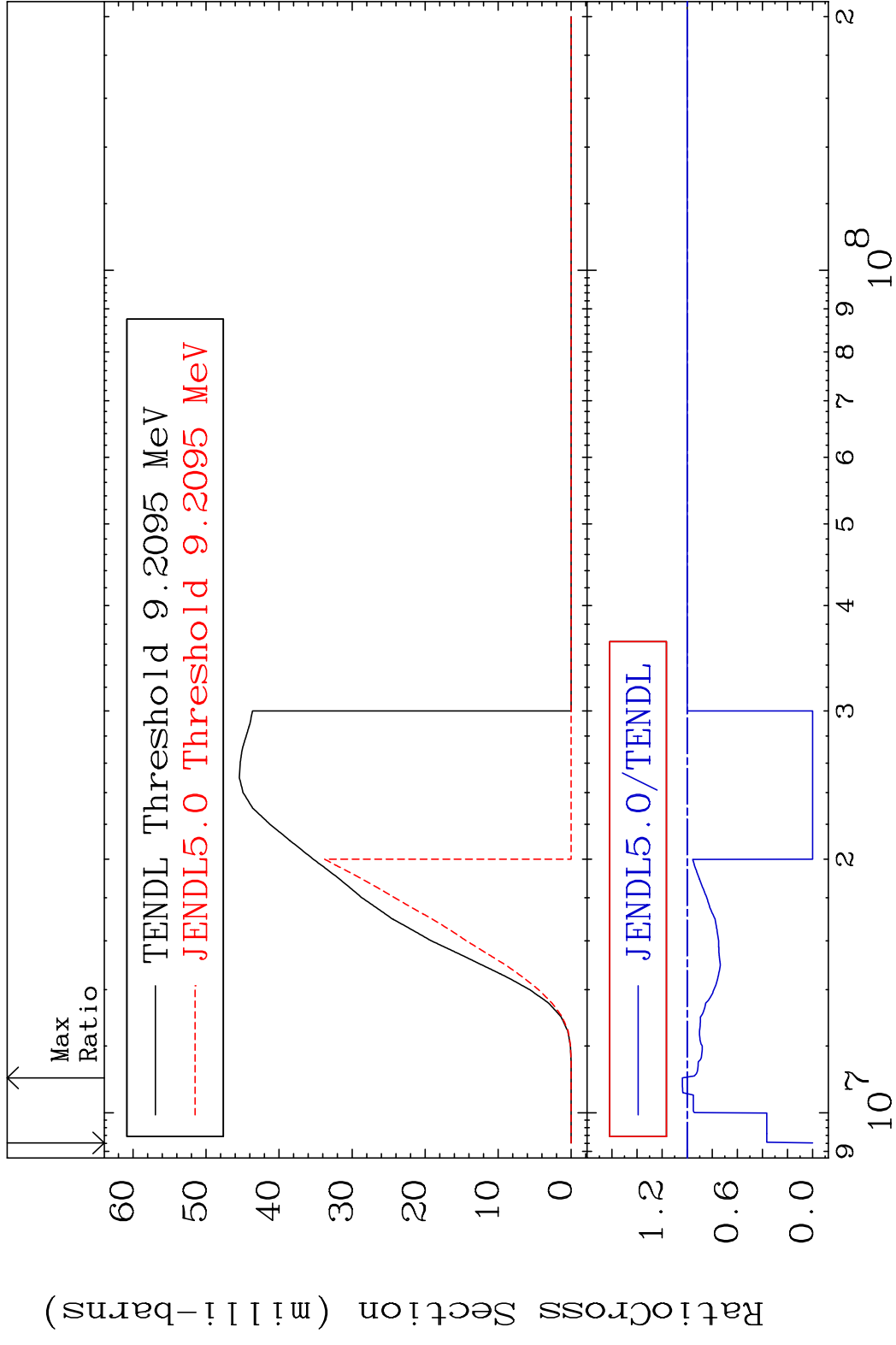




MAT 3634 (n, n')  $\alpha$ :34-Se-77m1 36-Kr-81  
 Radionuclide Production Cross Section Ratio 16.83 %

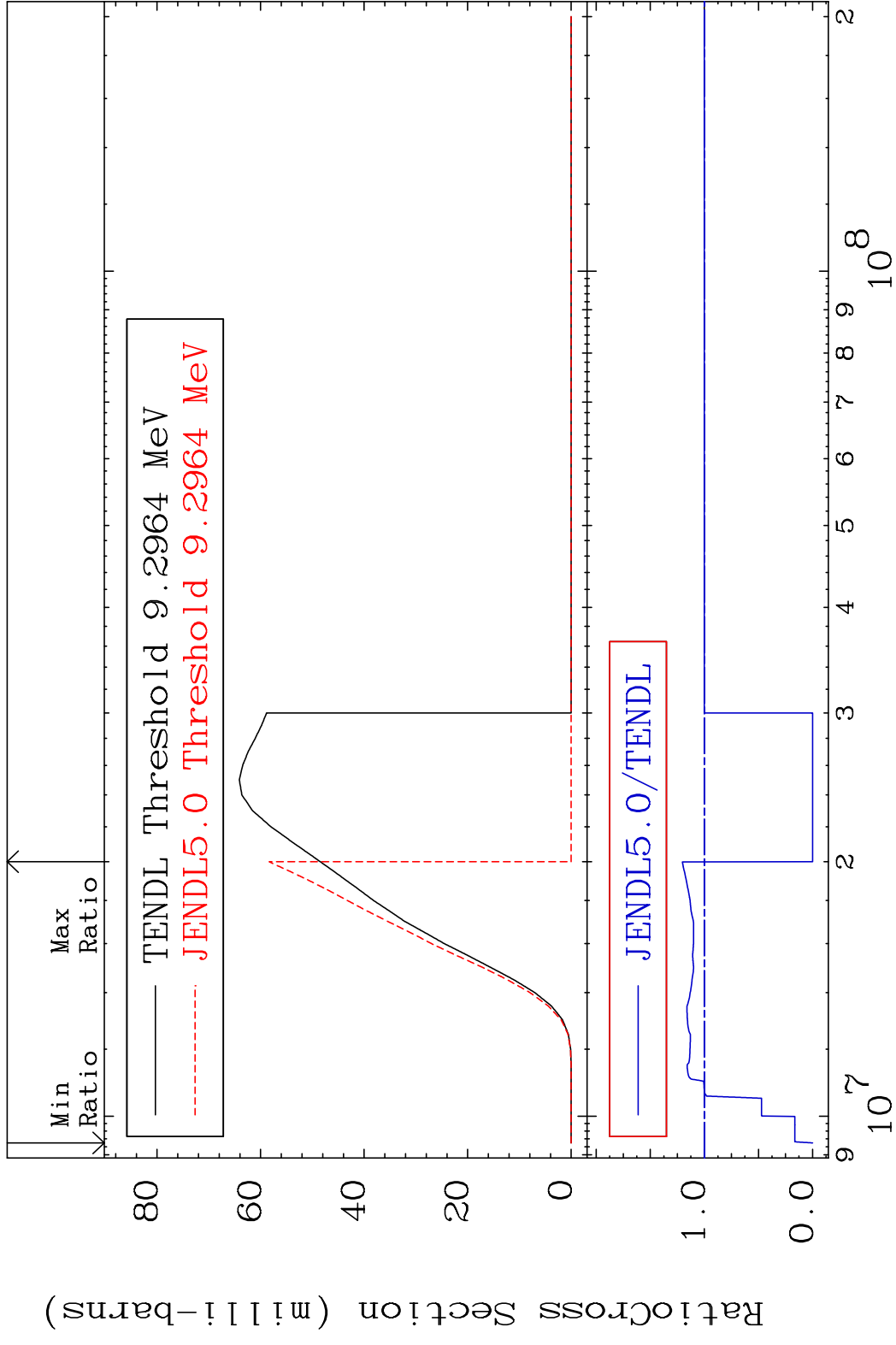


MAT 3634 (n, n') p:35-Br-80g 36-Kr-81  
 Radionuclide Production Cross Section Ratio 3.826 %

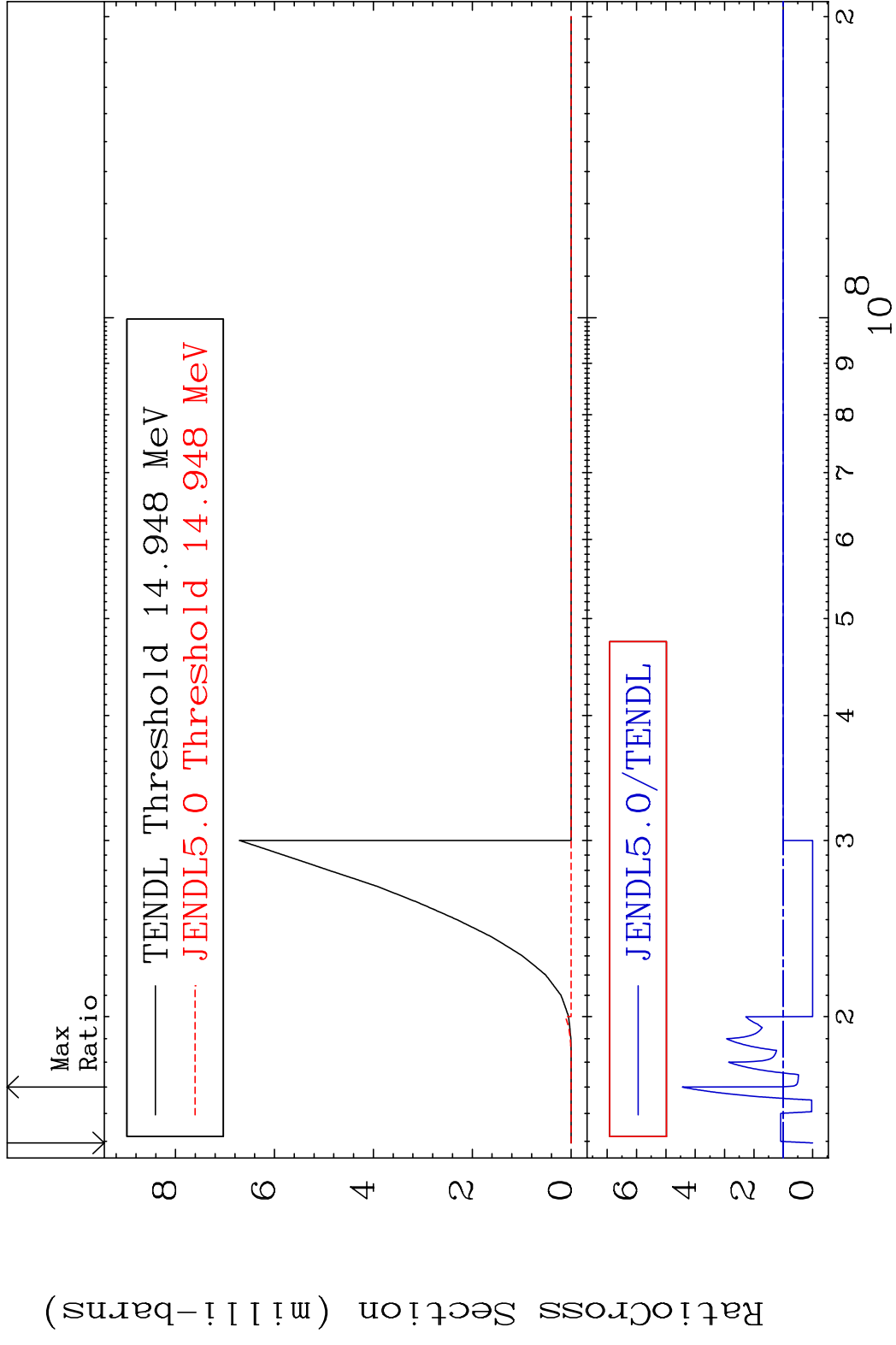




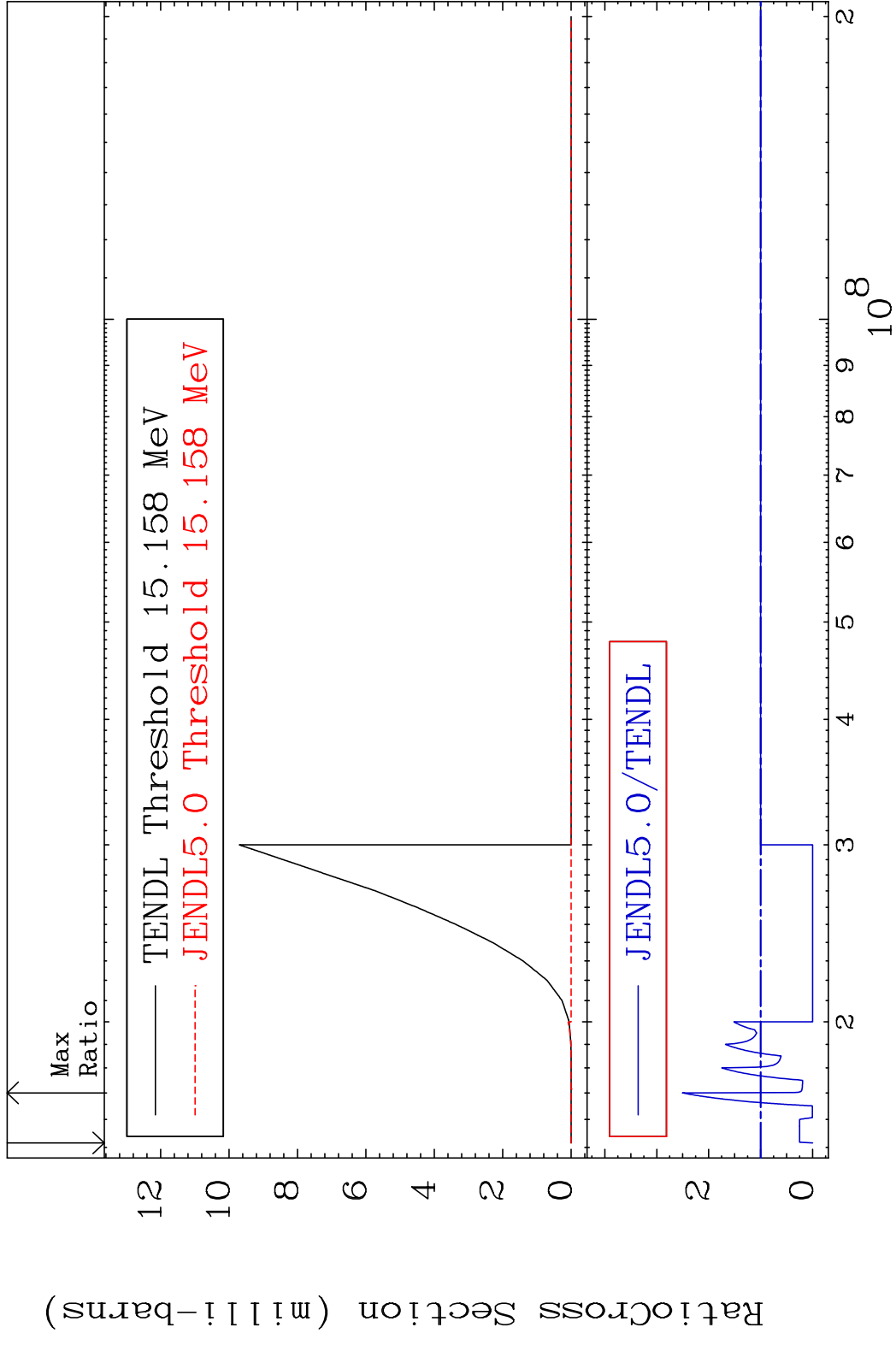
MAT 3634 (n, n') p:35-Br-80m2 36-Kr-81  
 Radionuclide Production Cross Section 180.0 dth 20.37 %

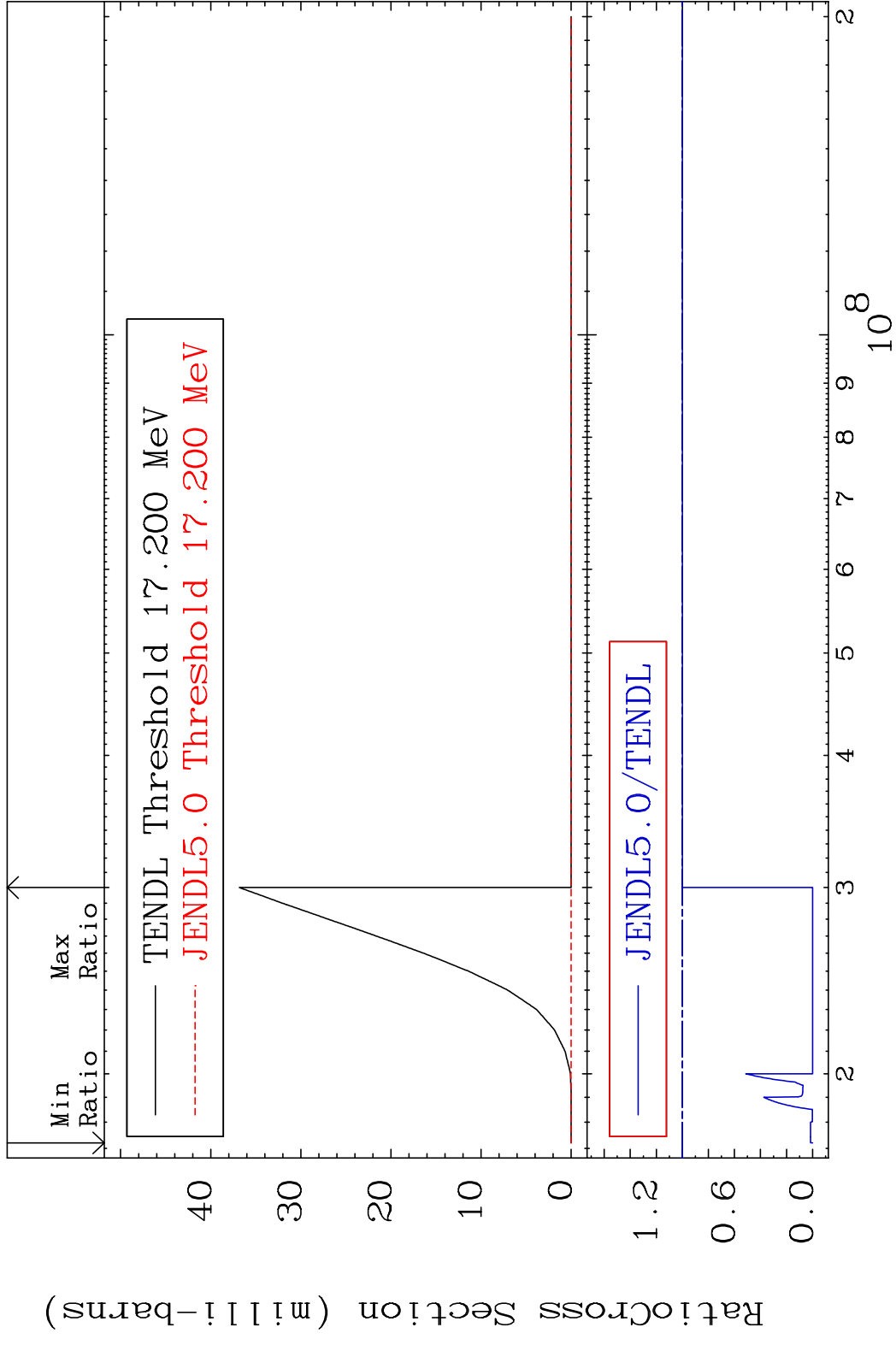


MAT 3634 (n, n') d:35-Br-79g 36-Kr-81  
 Radionuclide Production Cross Section 1800 d to 343.9 %

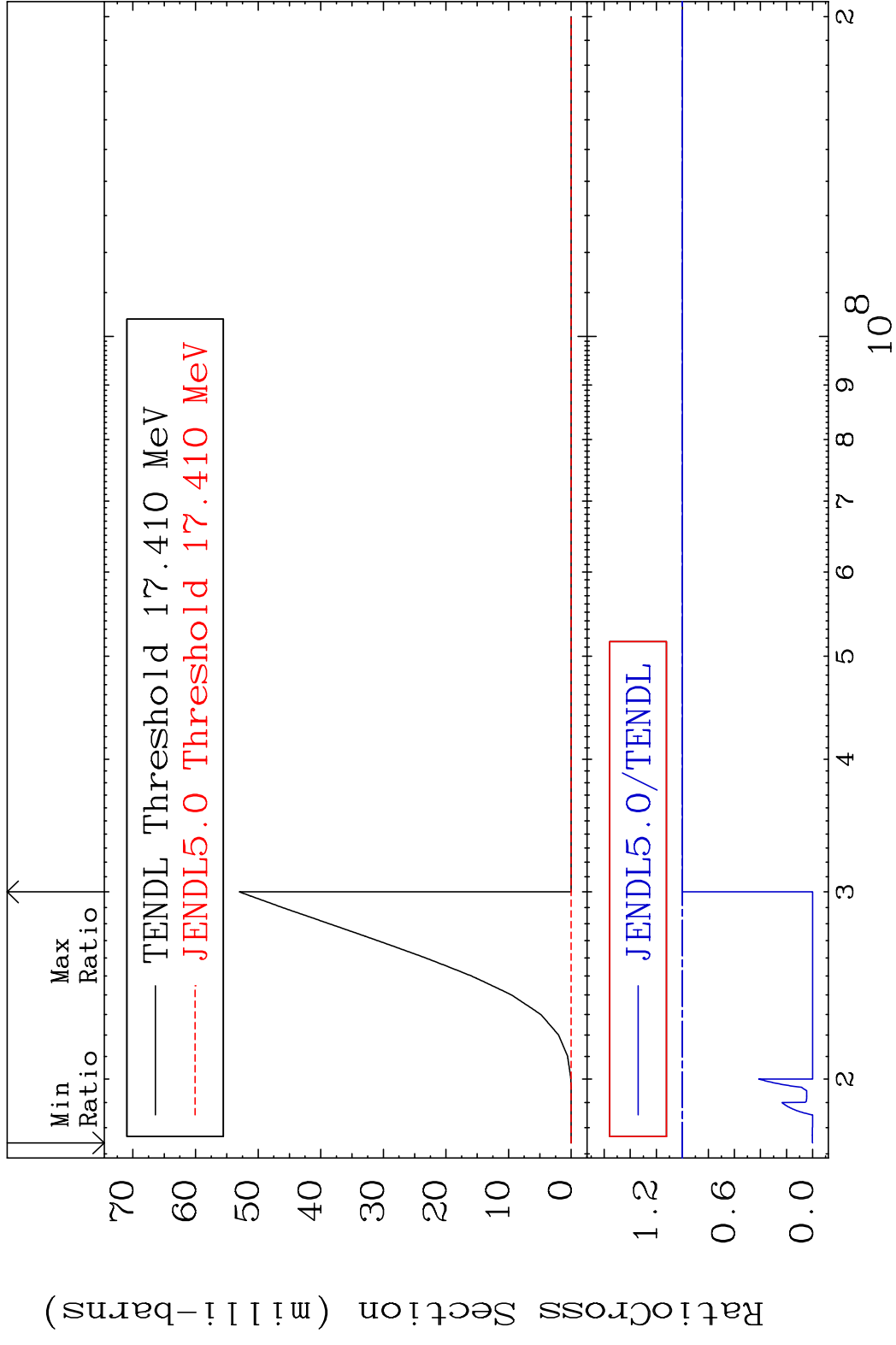


MAT 3634 (n, n') d:35-Br-79m1 36-Kr-81  
 Radionuclide Production Cross Section 150.7 %

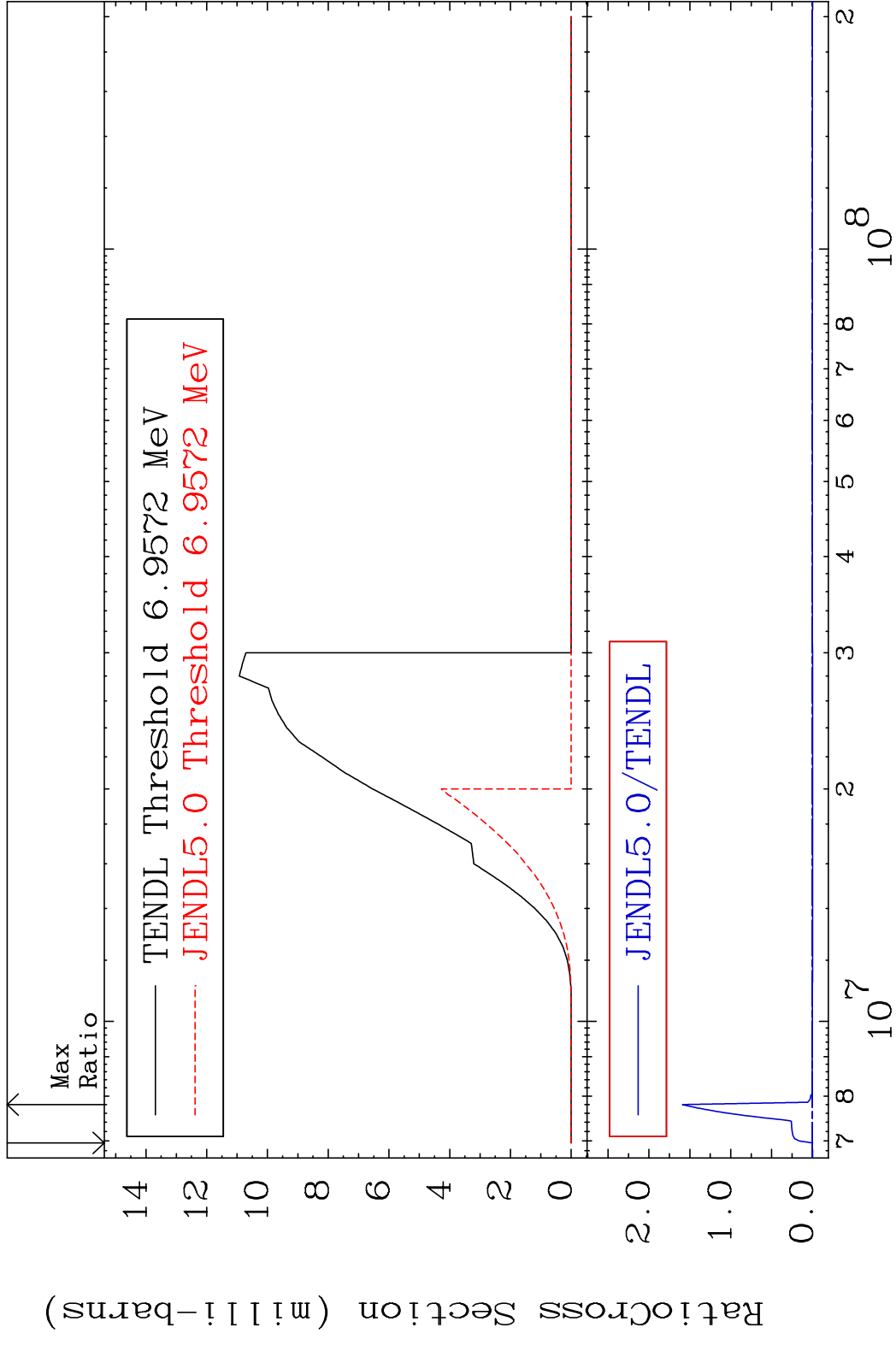




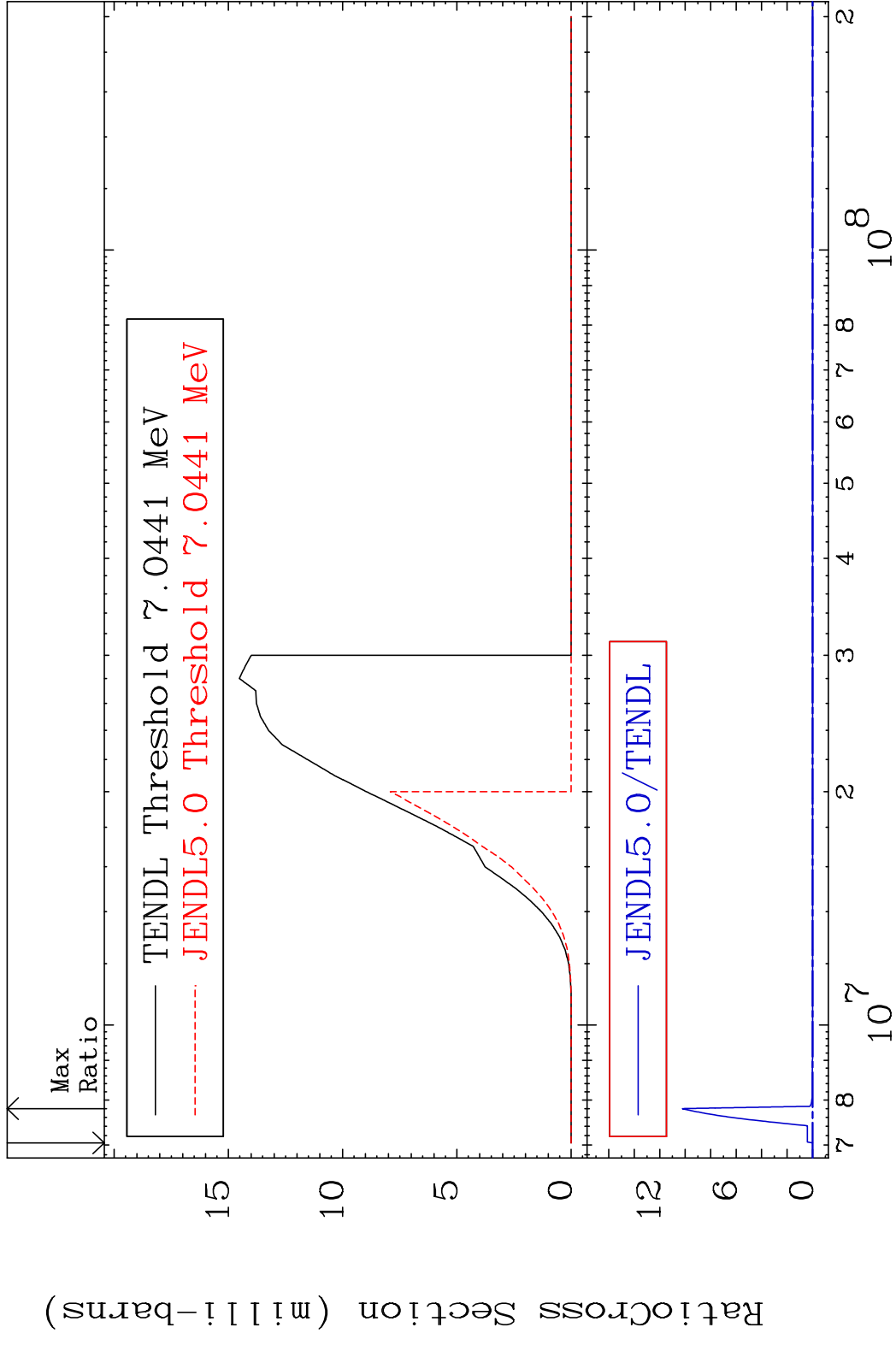
MAT 3634 (n,2n) p:35-Br-79m1 36-Kr-81  
 Radionuclide Production Cross Section Ratio 0.000 %



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

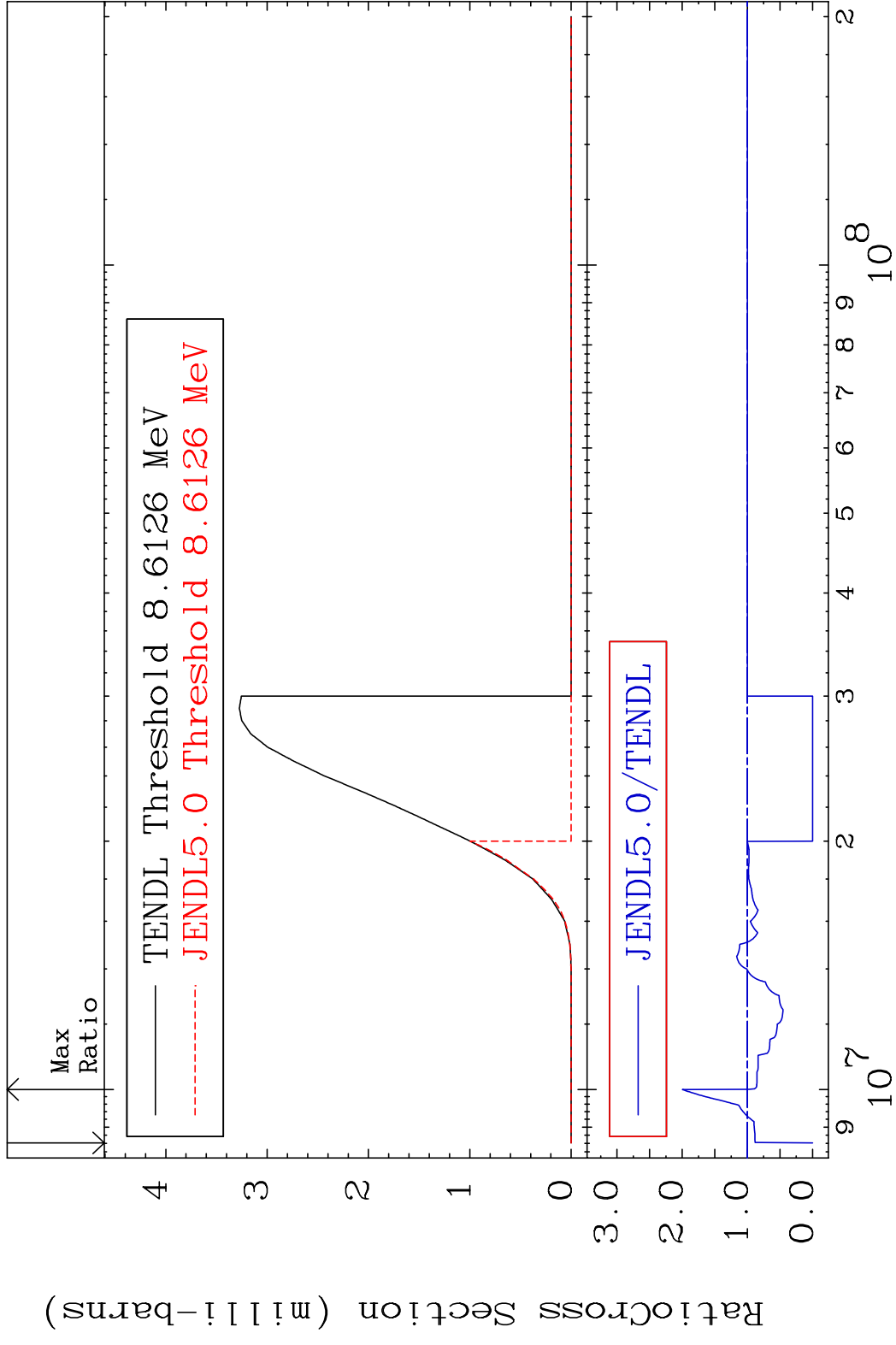


MAT 3634 (n, d):35-Br-80m2 36-Kr-81  
 Radionuclide Production Cross Section (%) 9999. %



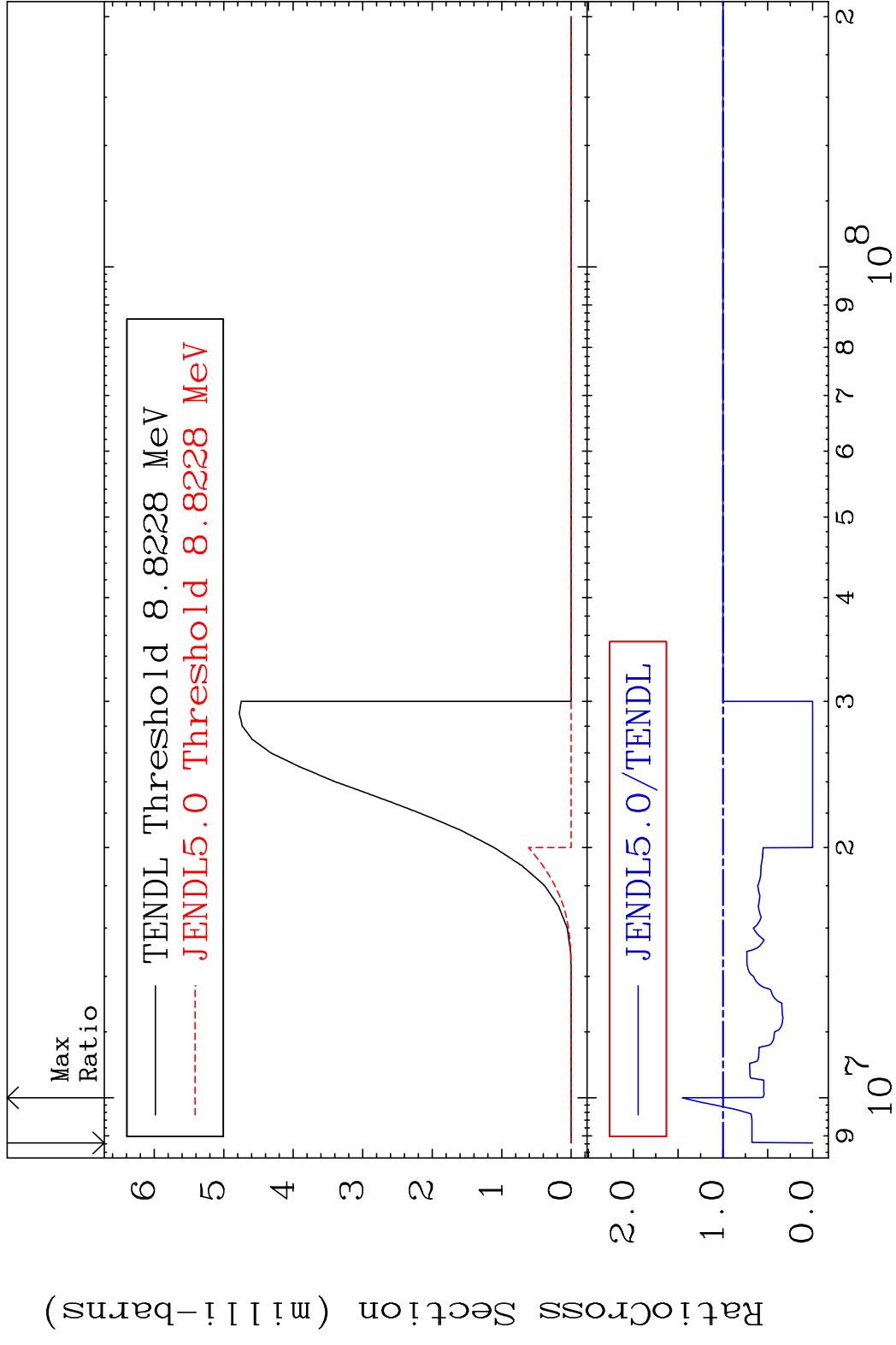
62 Incident Energy (eV) 36-Kr-81

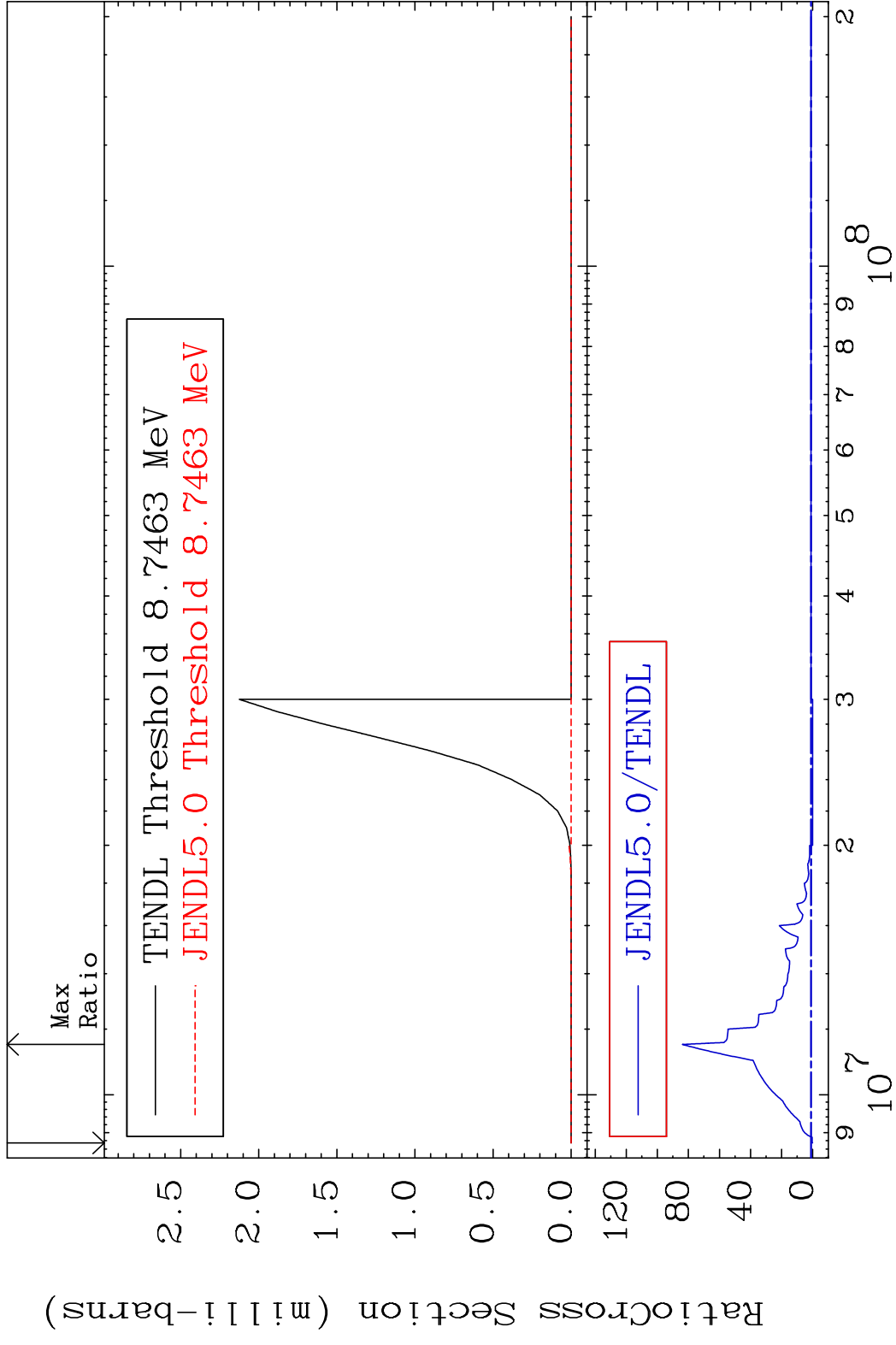
MAT 3634 (n, t):35-Br-79g 36-Kr-81  
 Radionuclide Production Cross Section 180.0 dth 99.77 %

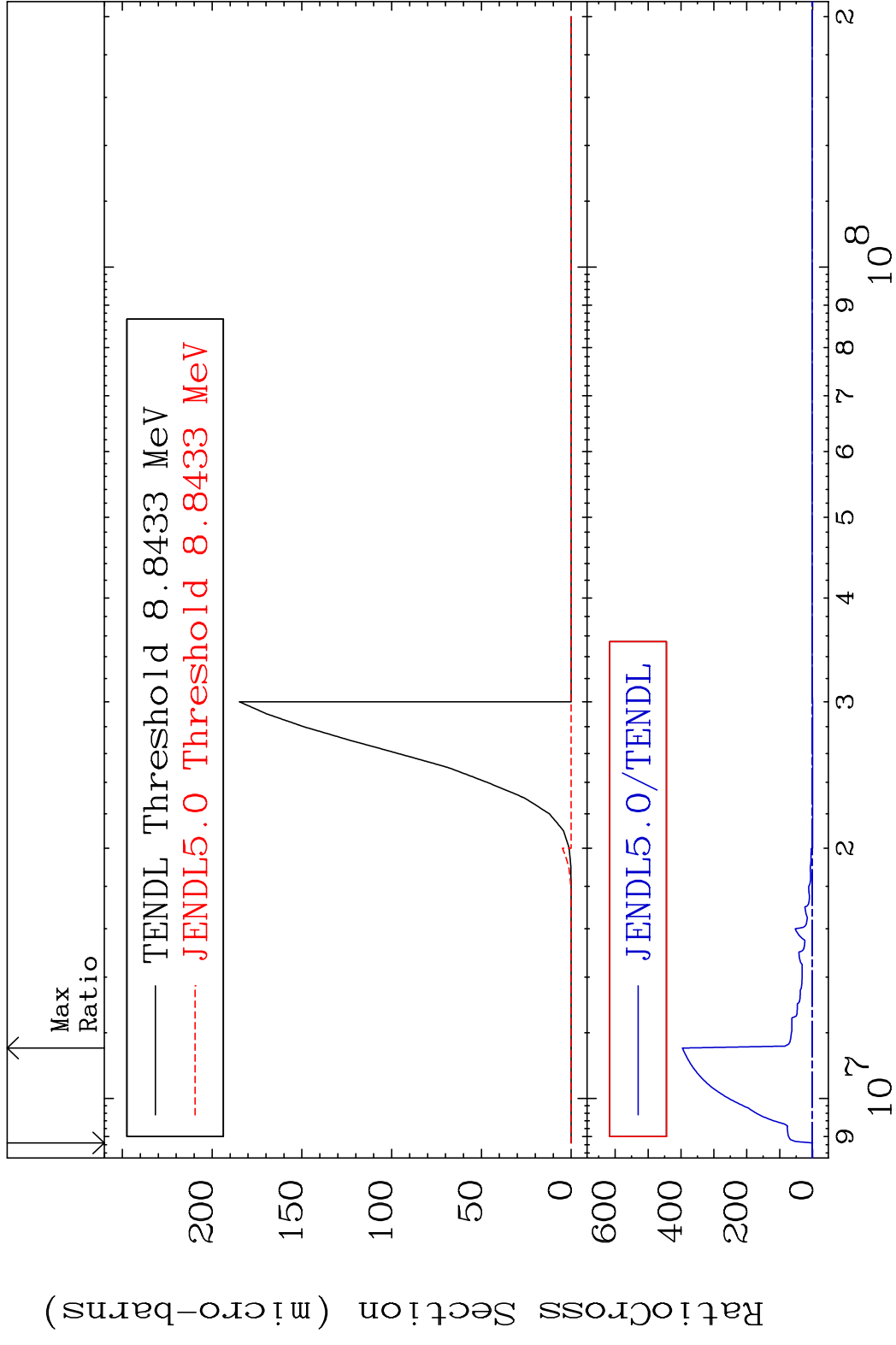


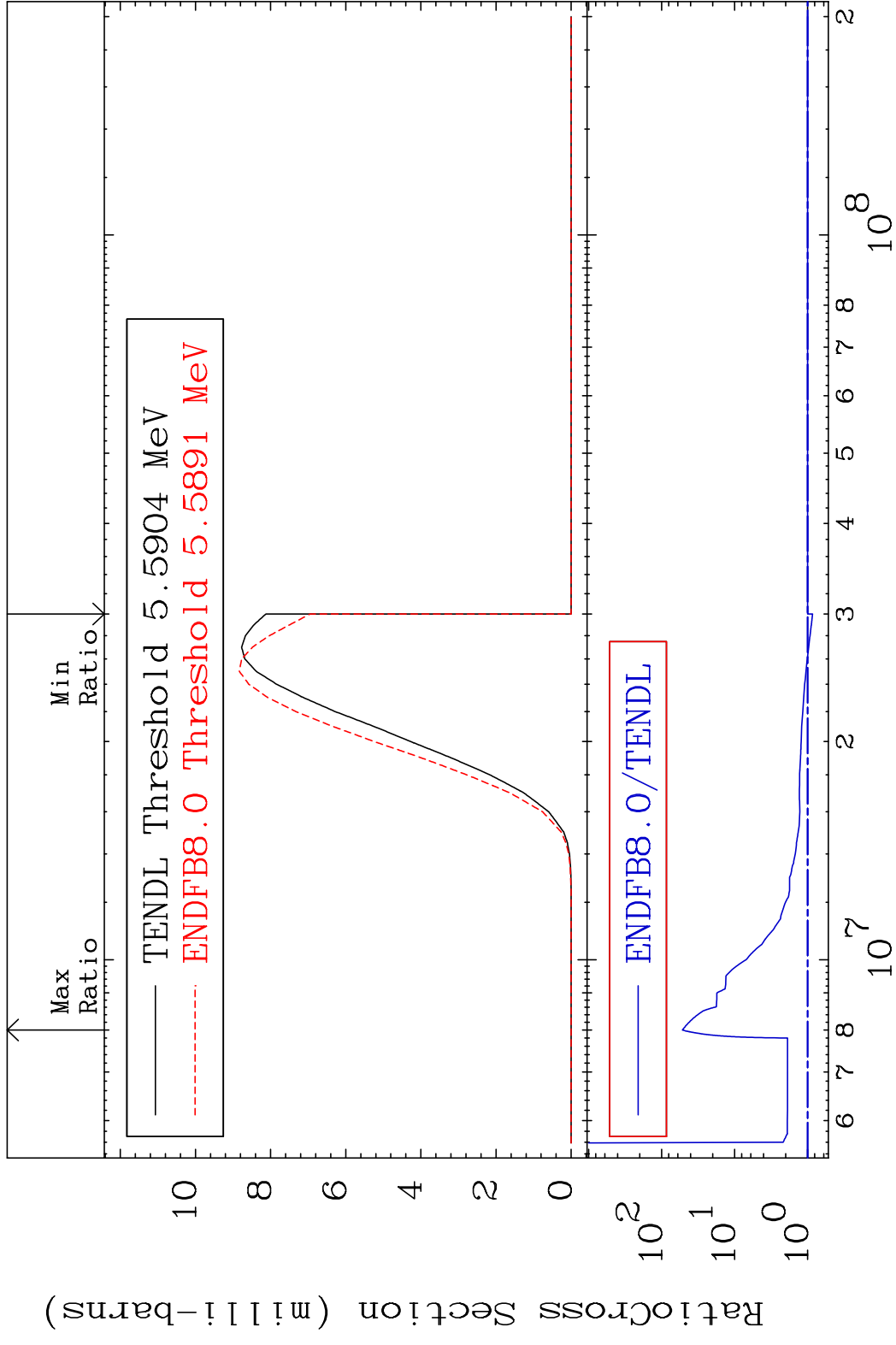


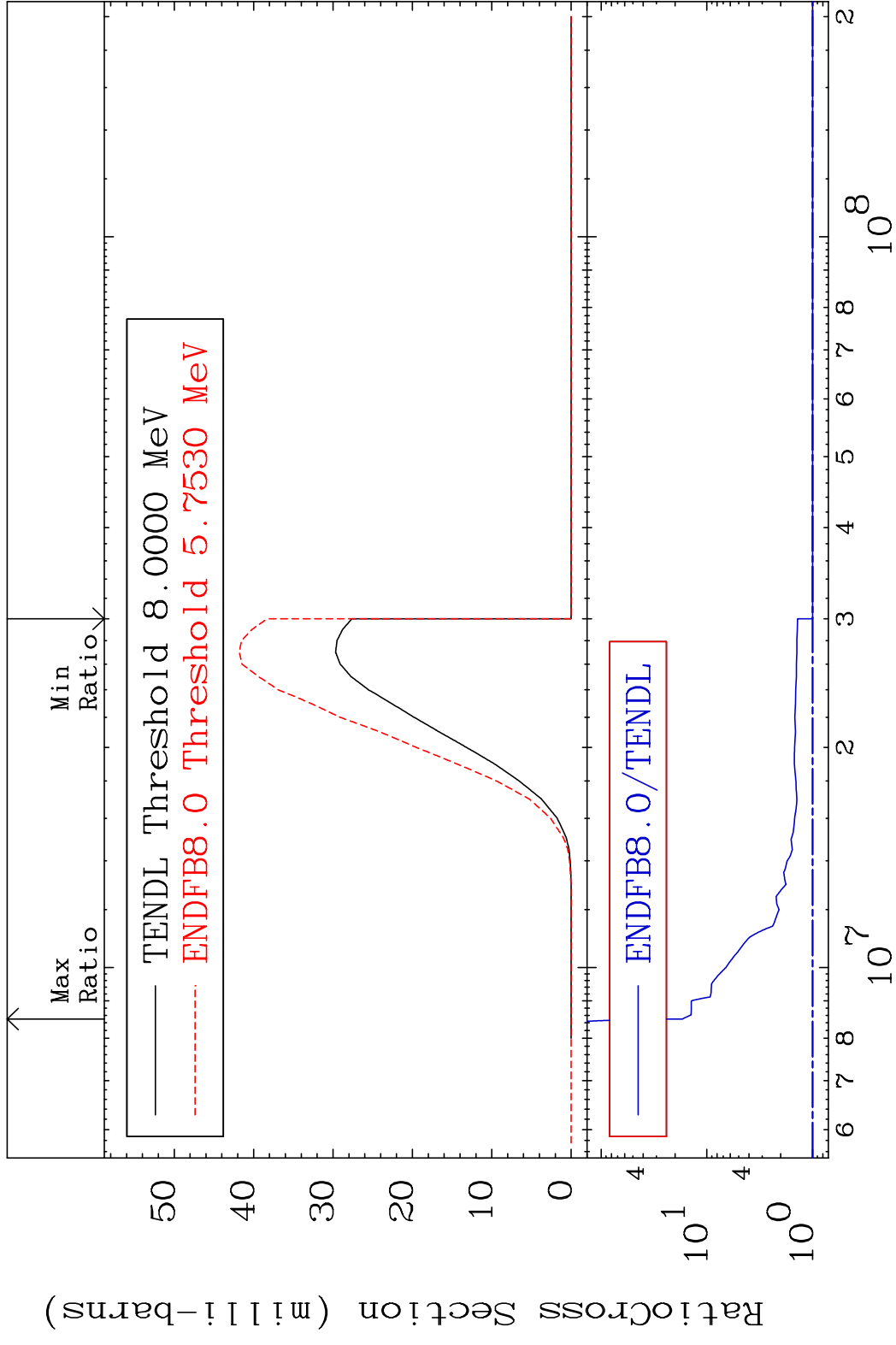
MAT 3634 (n, t):35-Br-79m1 36-Kr-81  
 Radionuclide Production Cross Section 180.01 dth 45.30 %



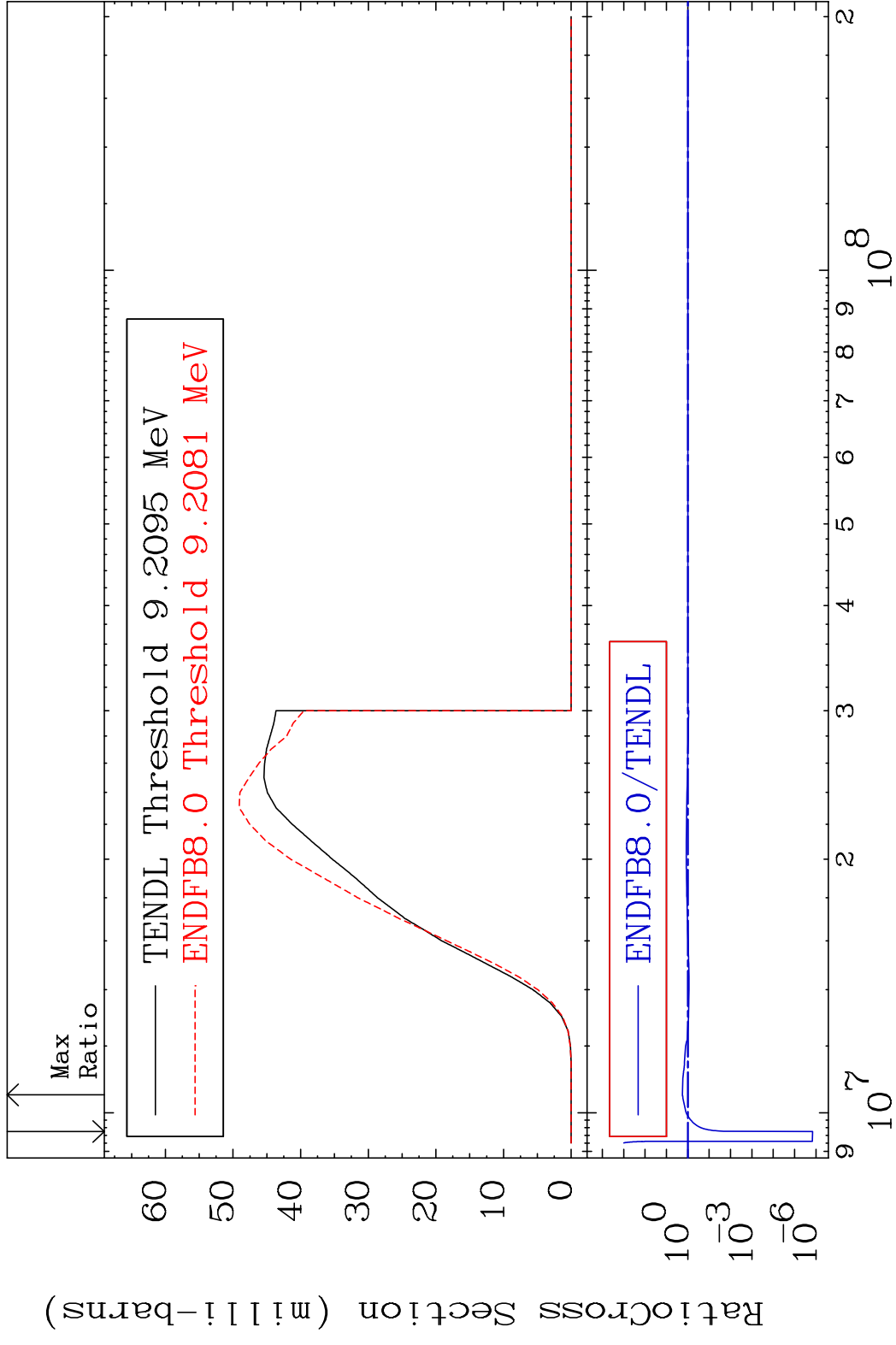




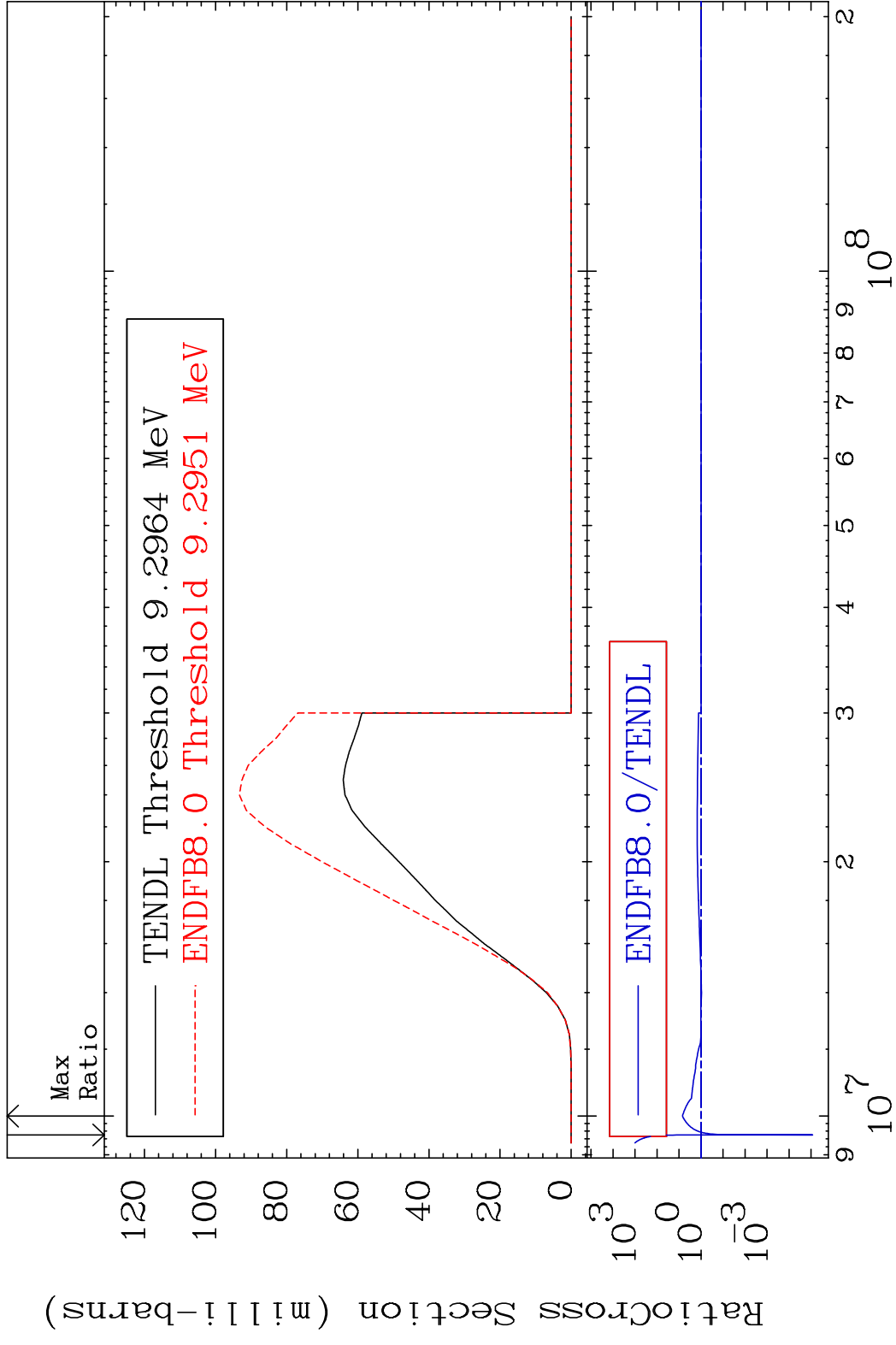




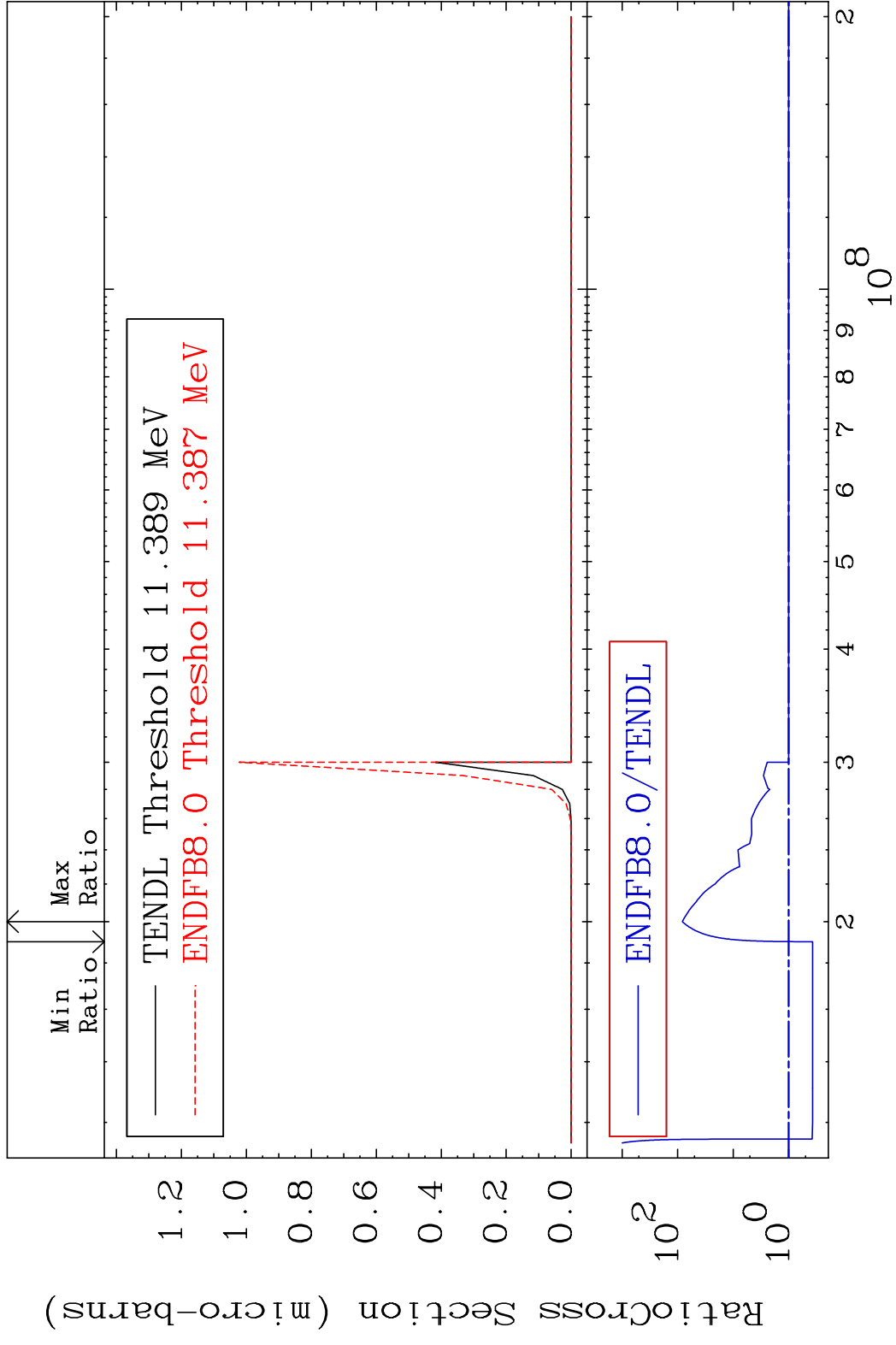
MAT 3634 (n, n') p:35-Br-80g 36-Kr-81  
 Radionuclide Production Cross Section 180.0 dth 79.15 %



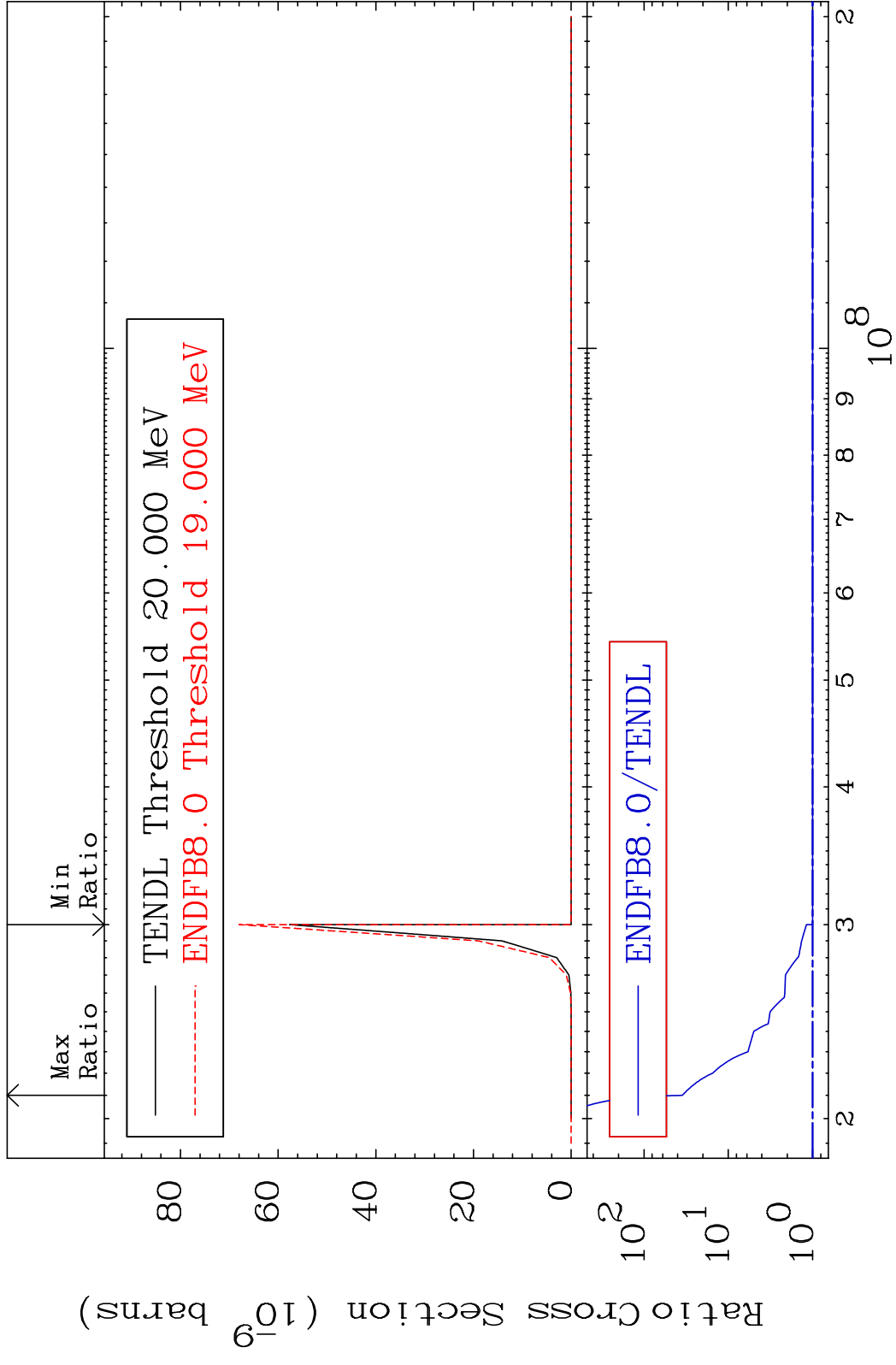
MAT 3634 (n, n') p:35-Br-80m2 36-Kr-81  
 Radionuclide Production Cross Section Ratio 604.9 %

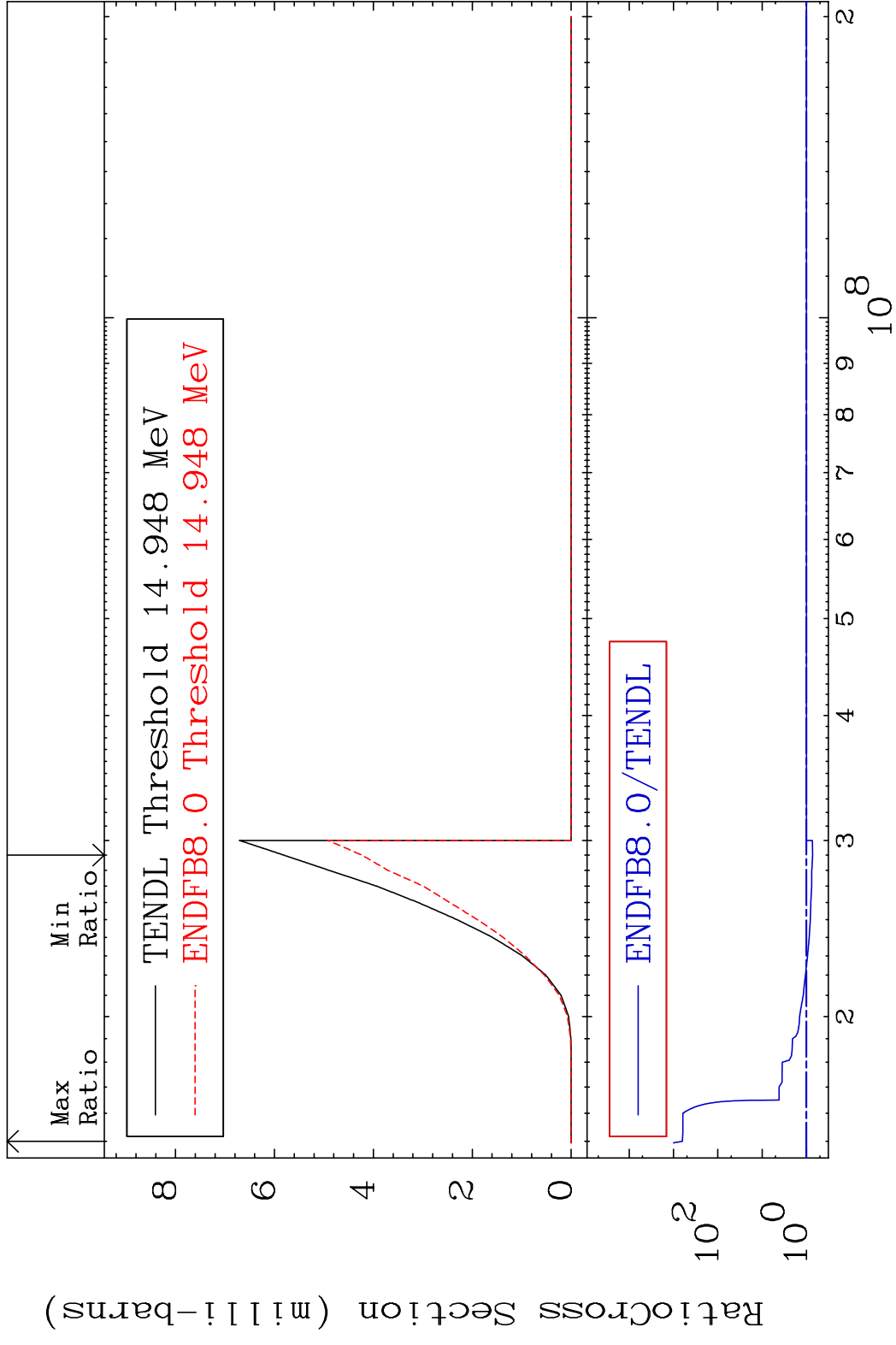


70 Incident Energy (eV) 36-Kr-81

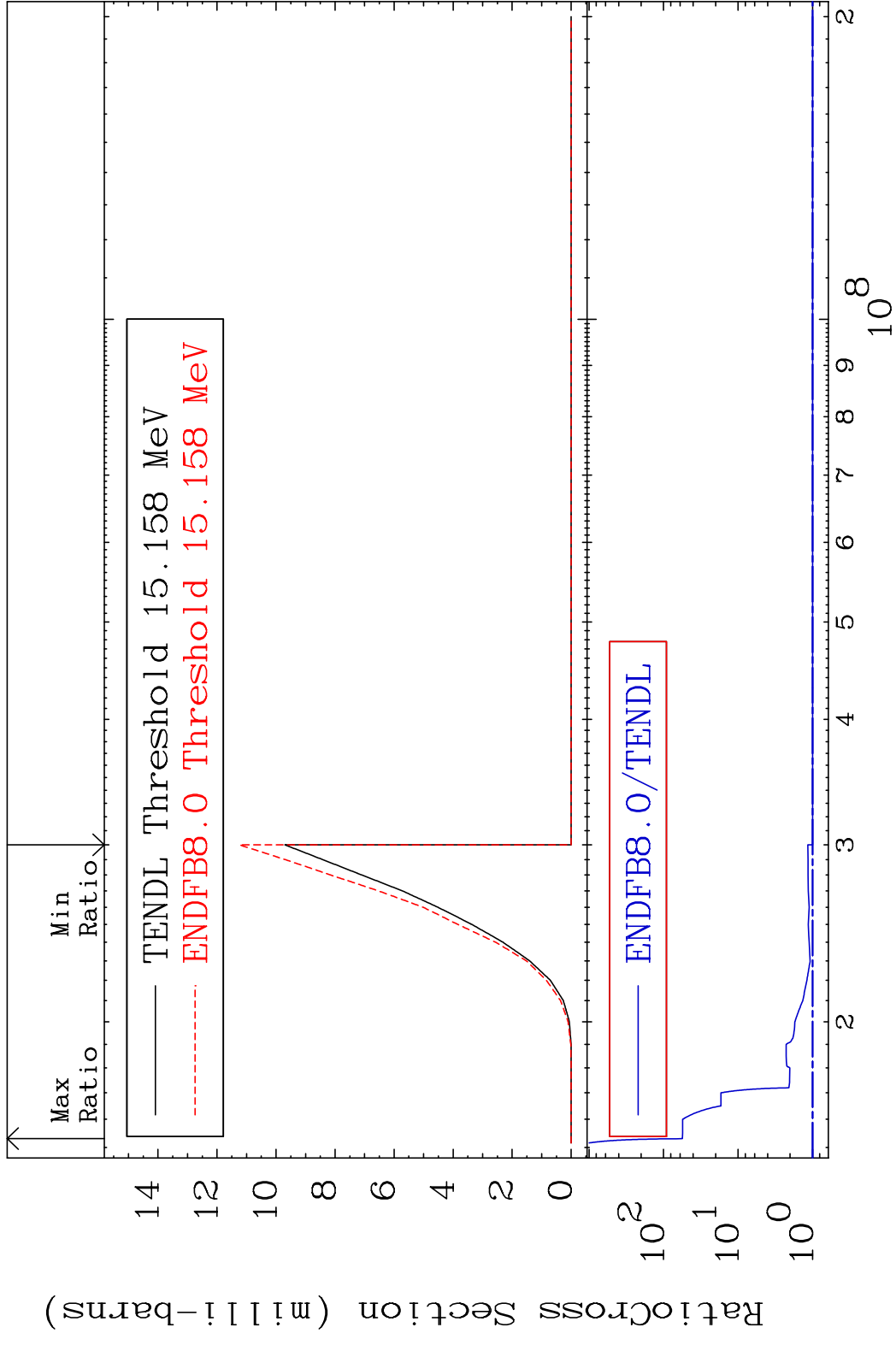


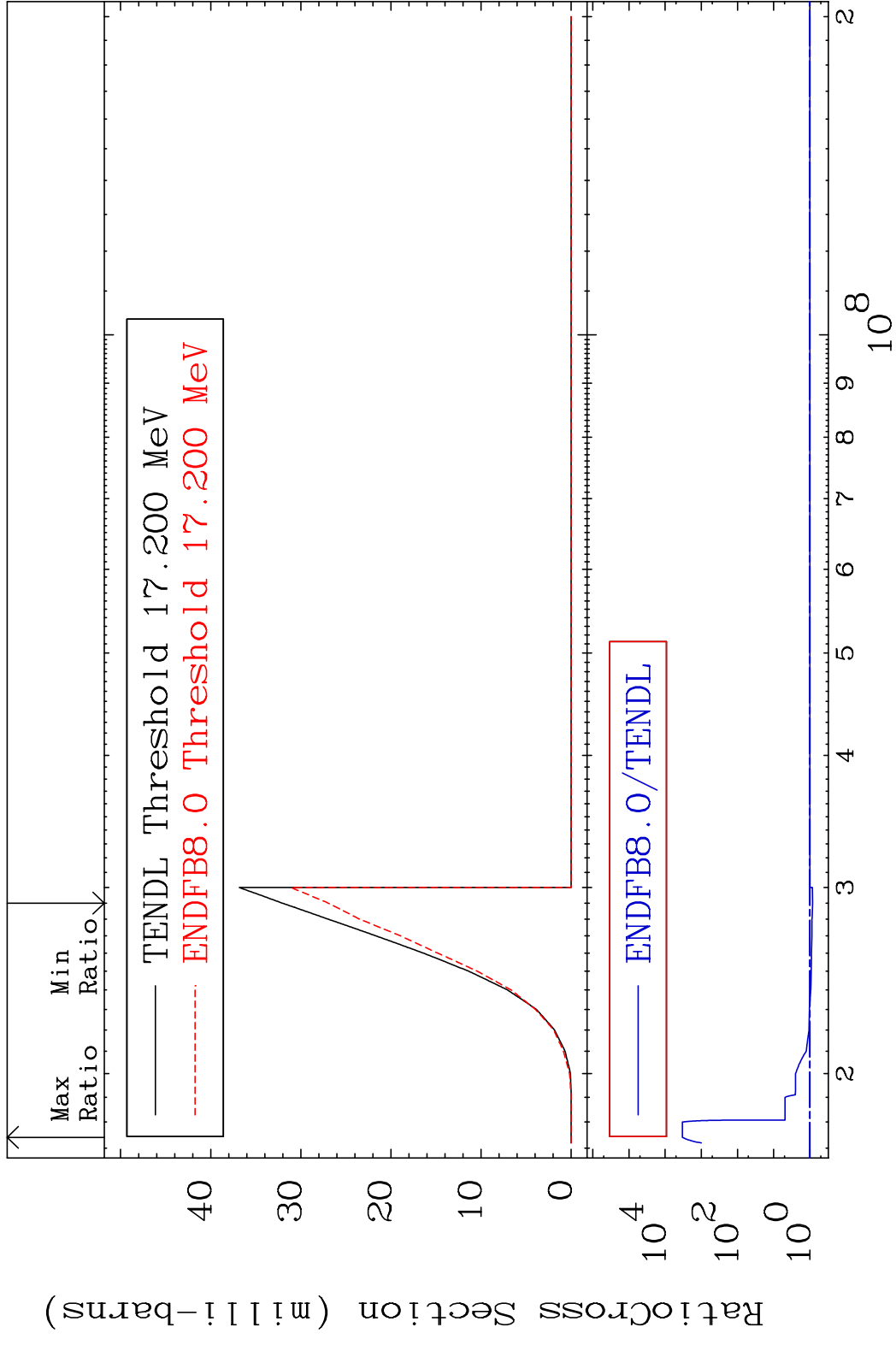




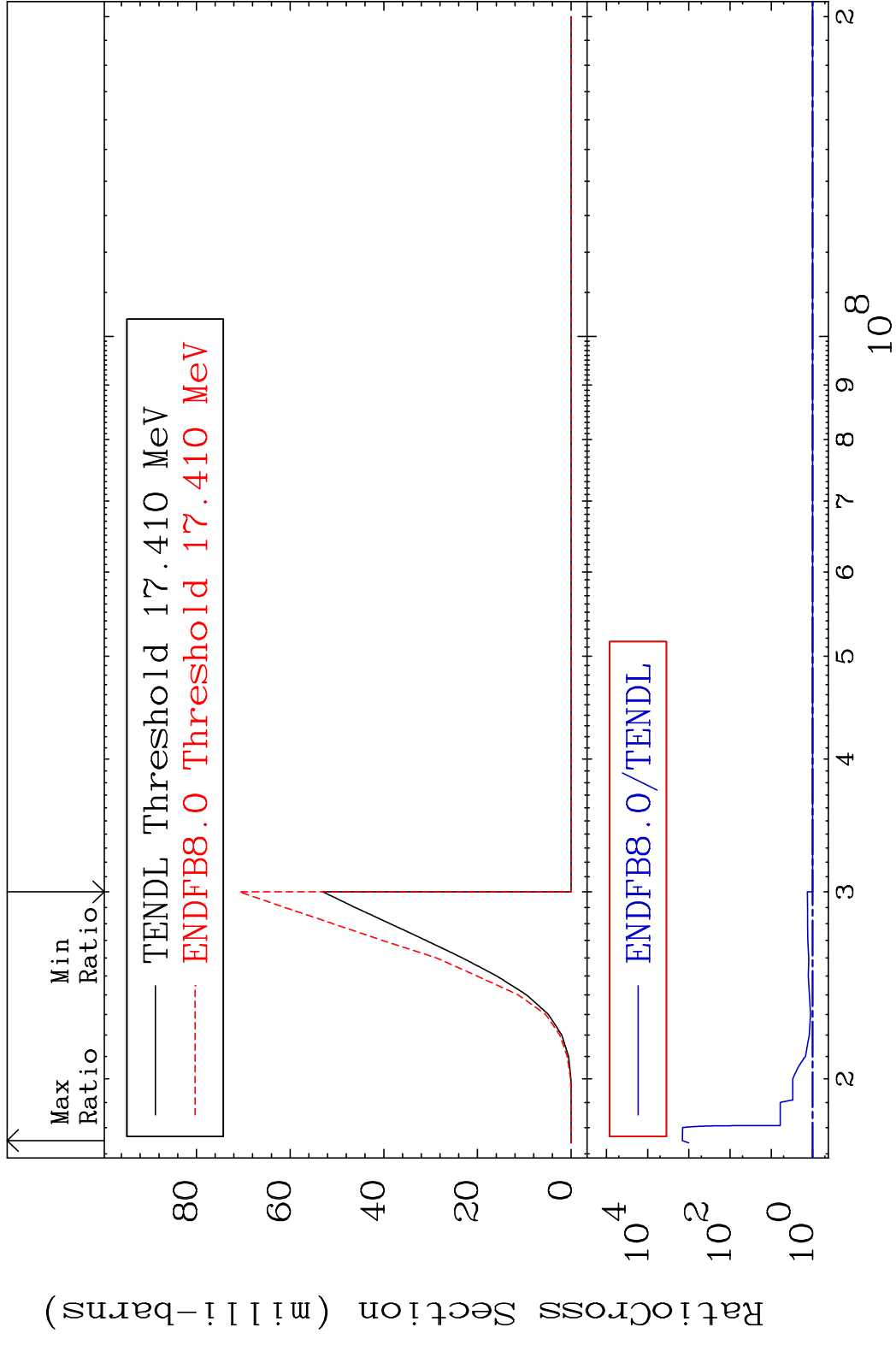


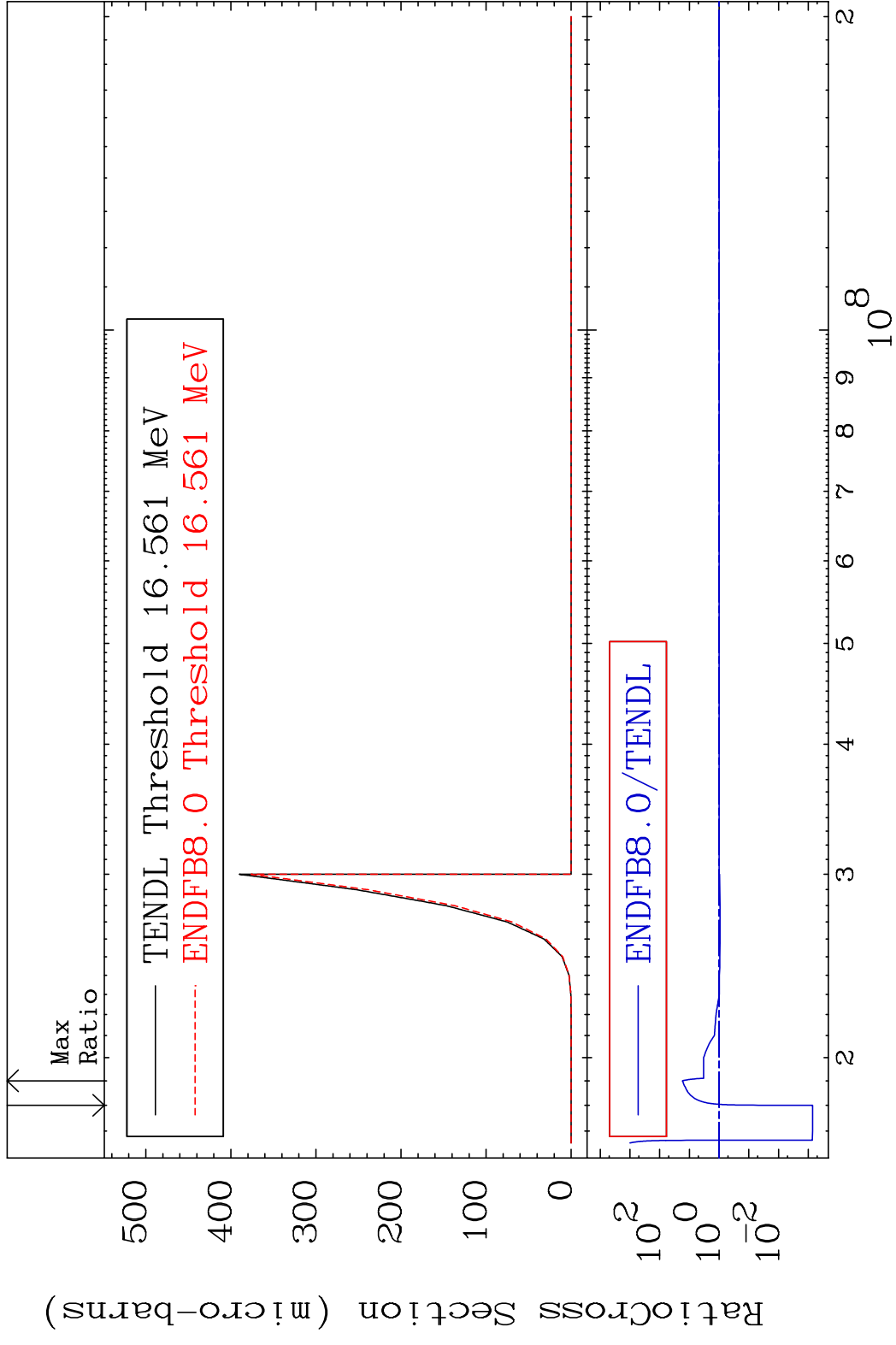
MAT 3634 (n, n') d:35-Br-79m1 36-Kr-81  
 Radionuclide Production Cross Section 5496. %

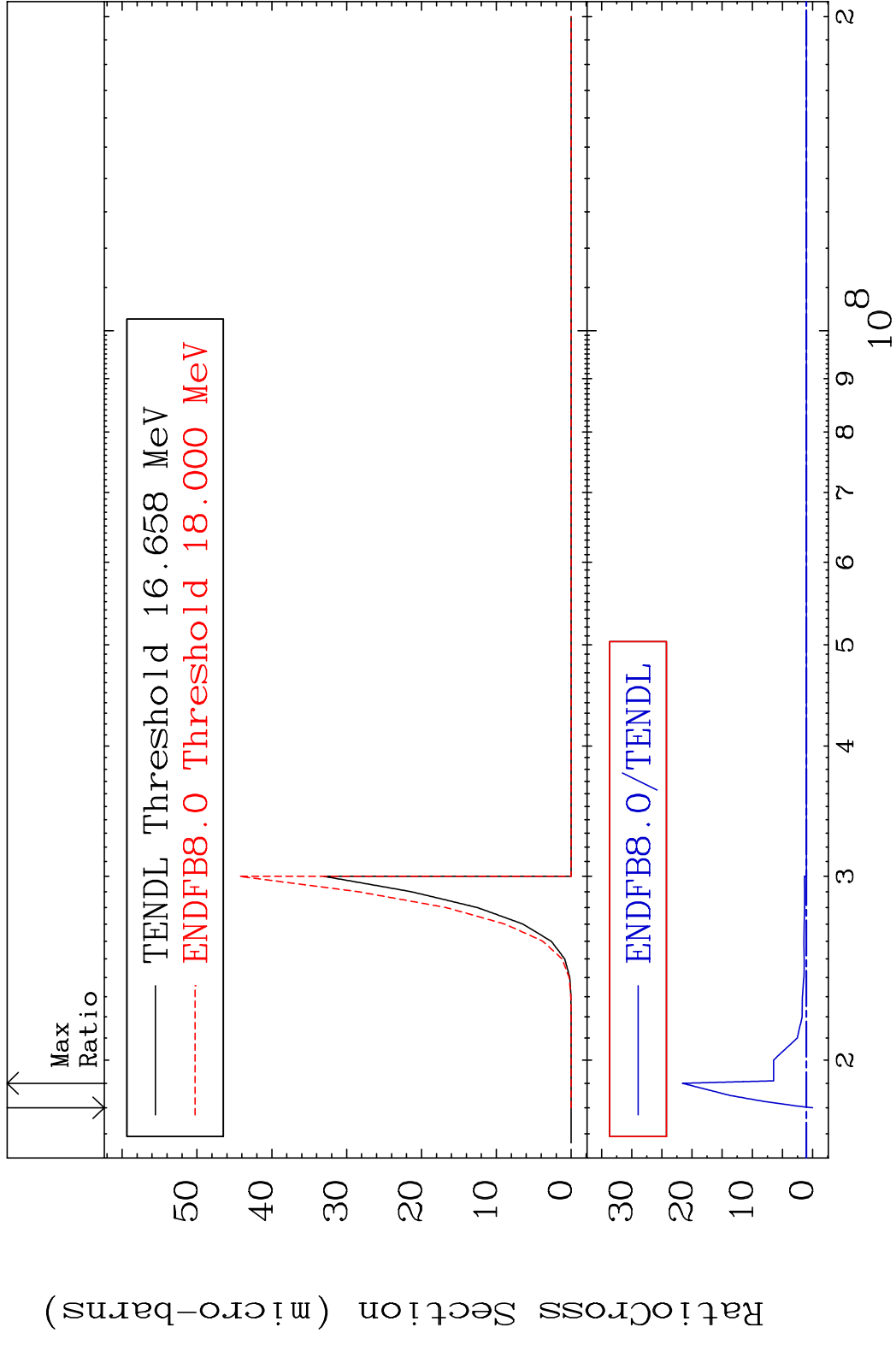




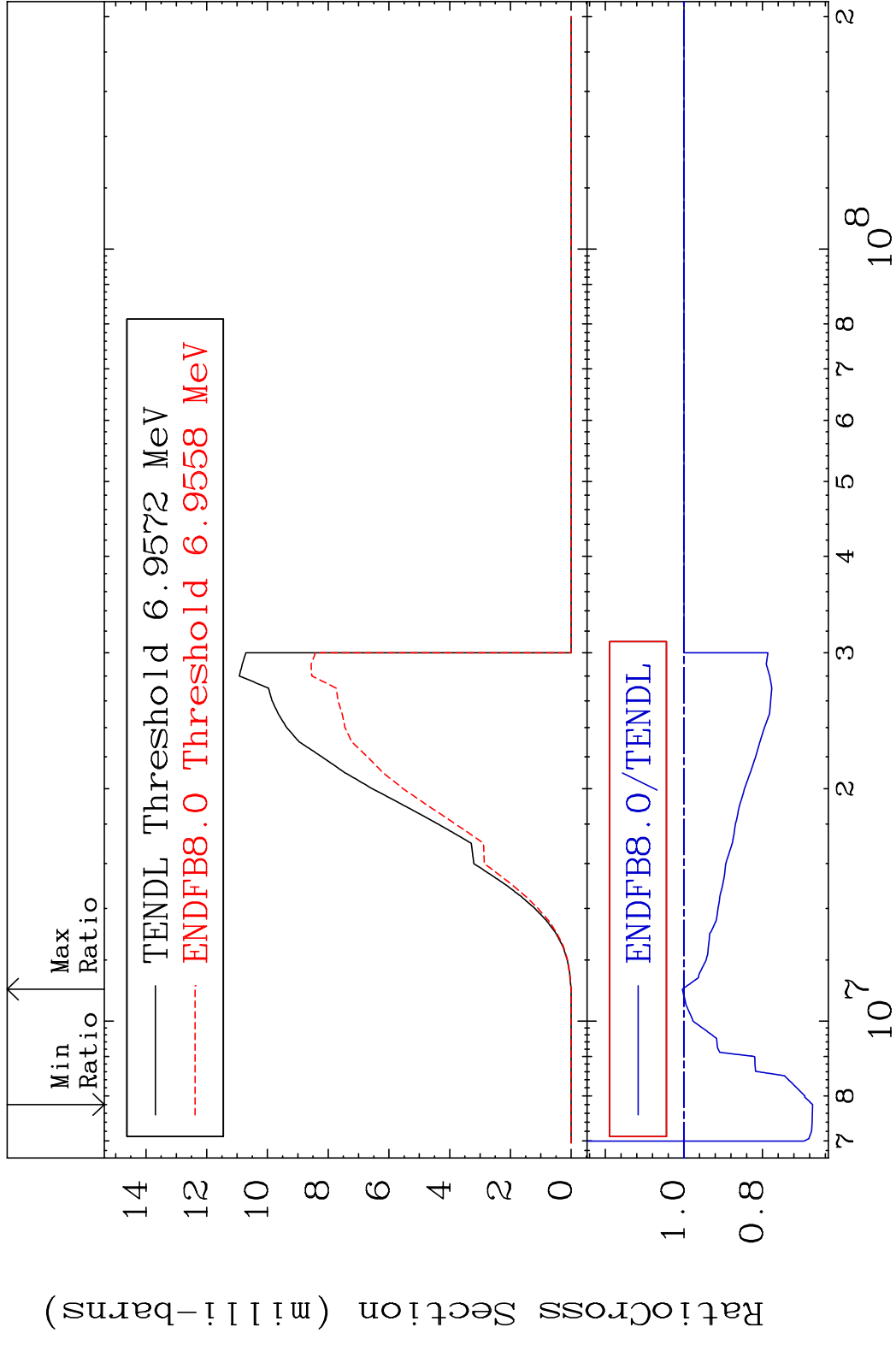
MAT 3634 (n,2n) p:35-Br-79m1 36-Kr-81  
 Radionuclide Production Cross Section, %





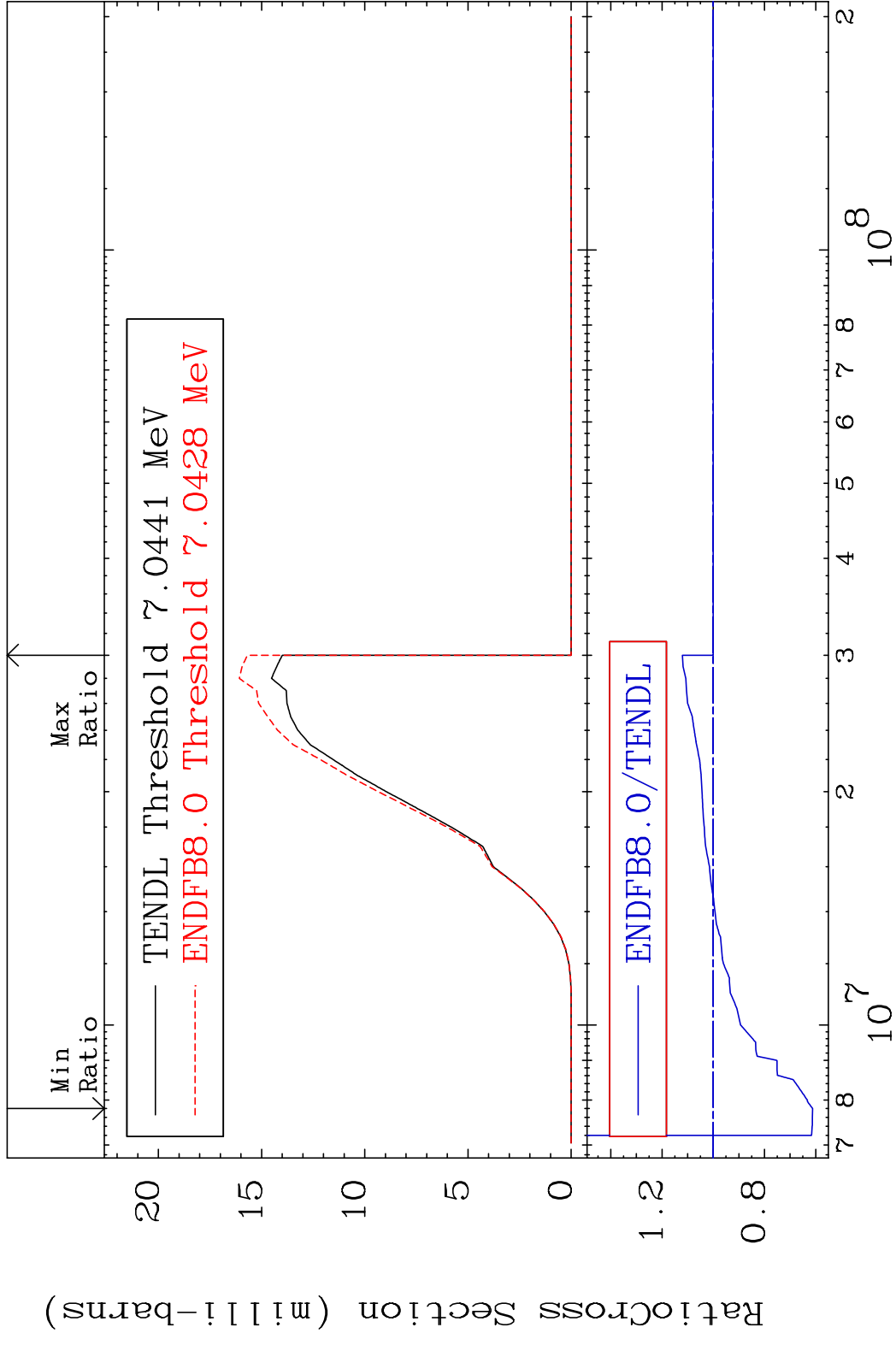


MAT 3634 (n, d) : 35-Br-80g 36-Kr-81  
 Radionuclide Production Cross Section 0.388 %



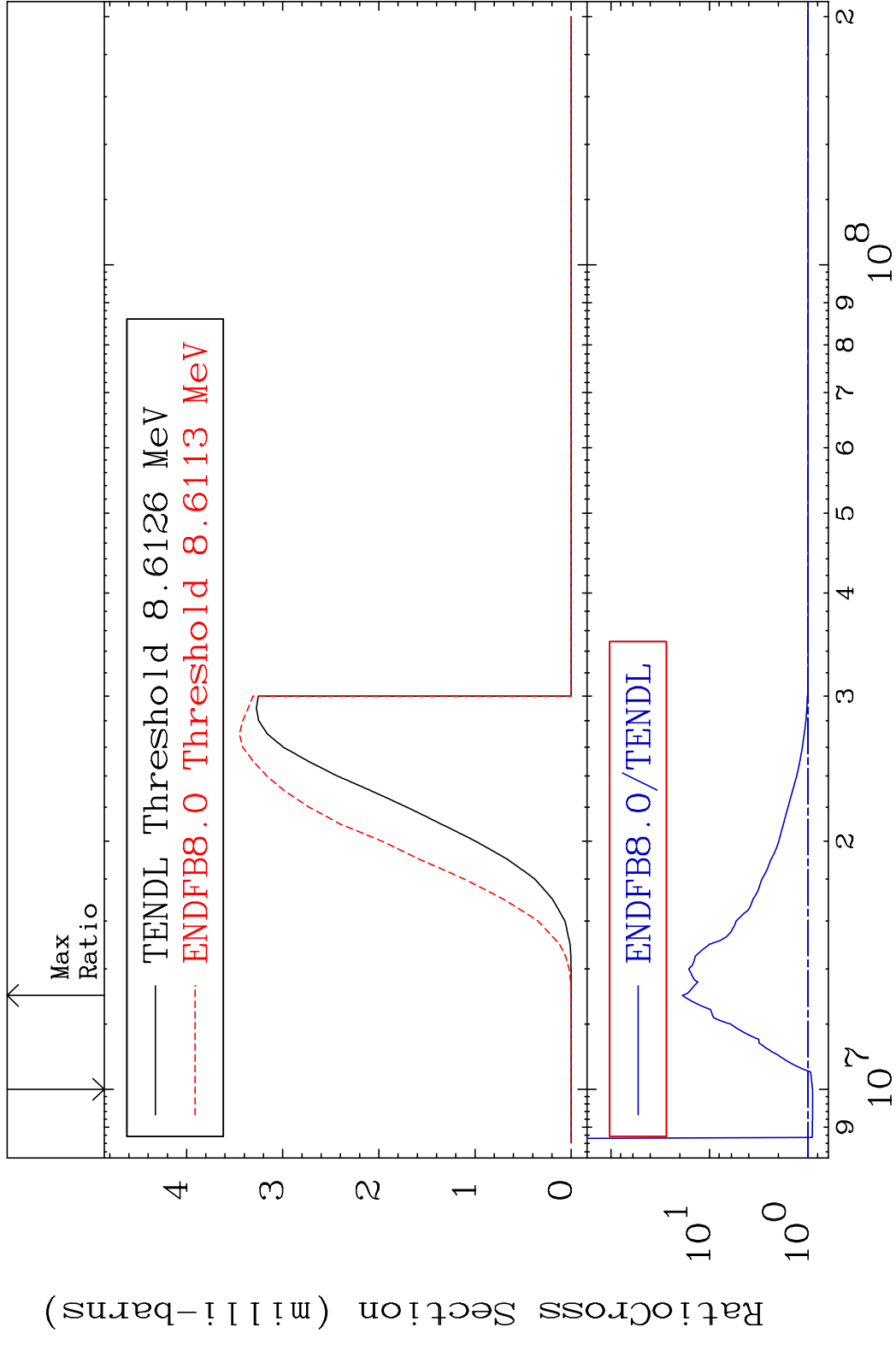


MAT 3634 (n, d):35-Br-80m2 36-Kr-81  
 Radionuclide Production Cross Section 12.06 %



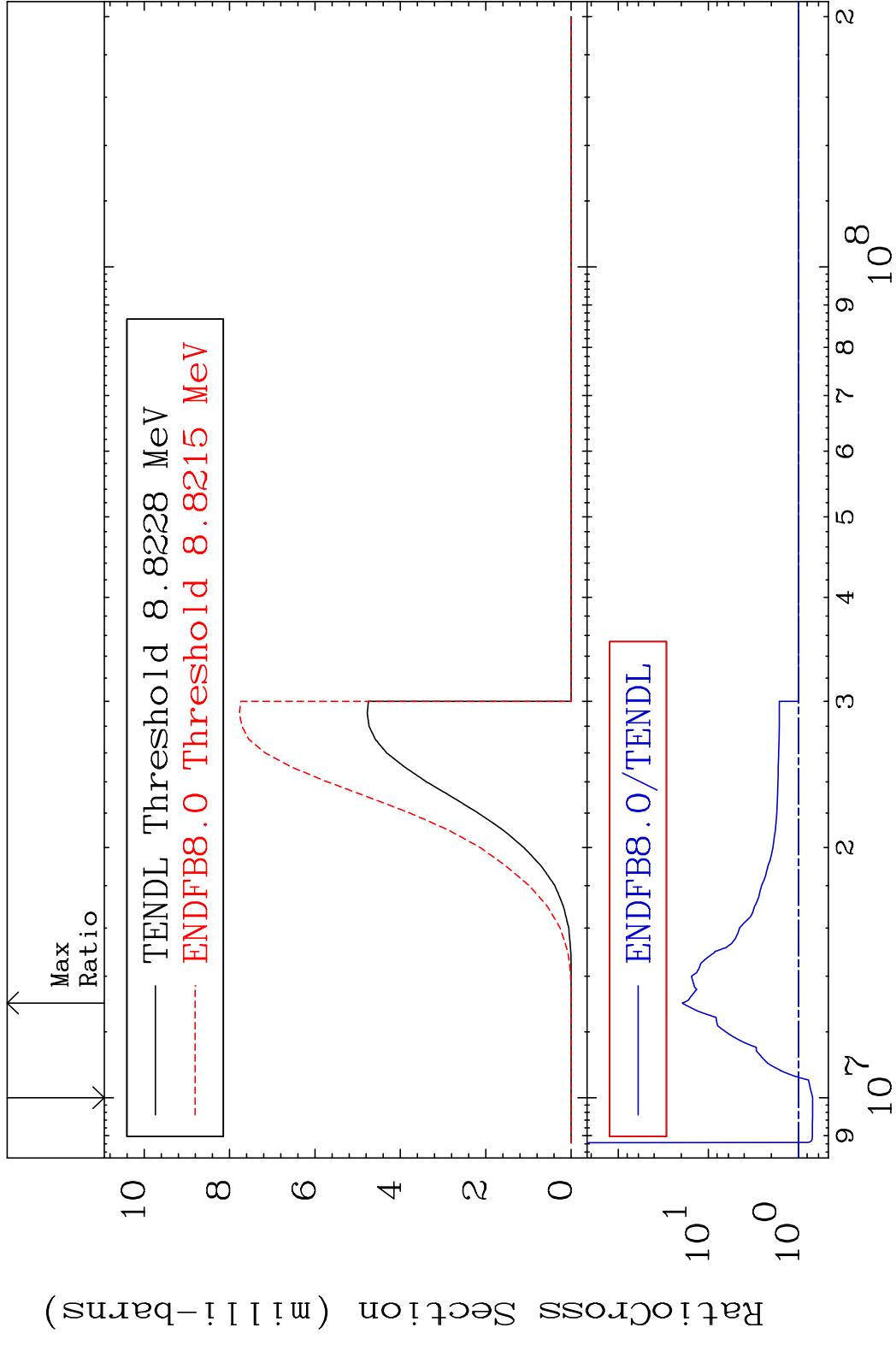
80 36-Kr-81

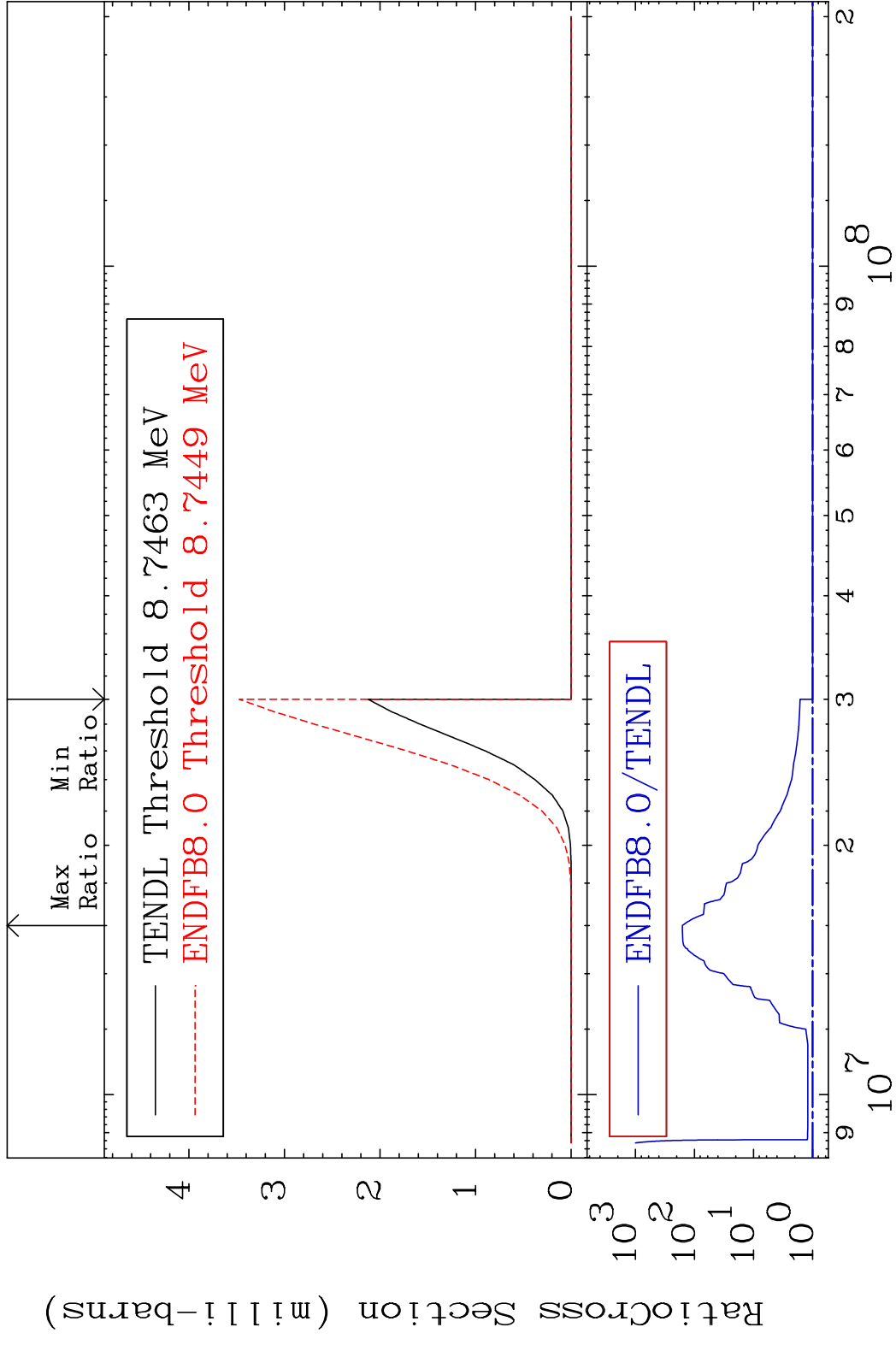
MAT 3634 (n, t):35-Br-79g 36-Kr-81  
 Radionuclide Production Cross Section 18.00  
 1787. %



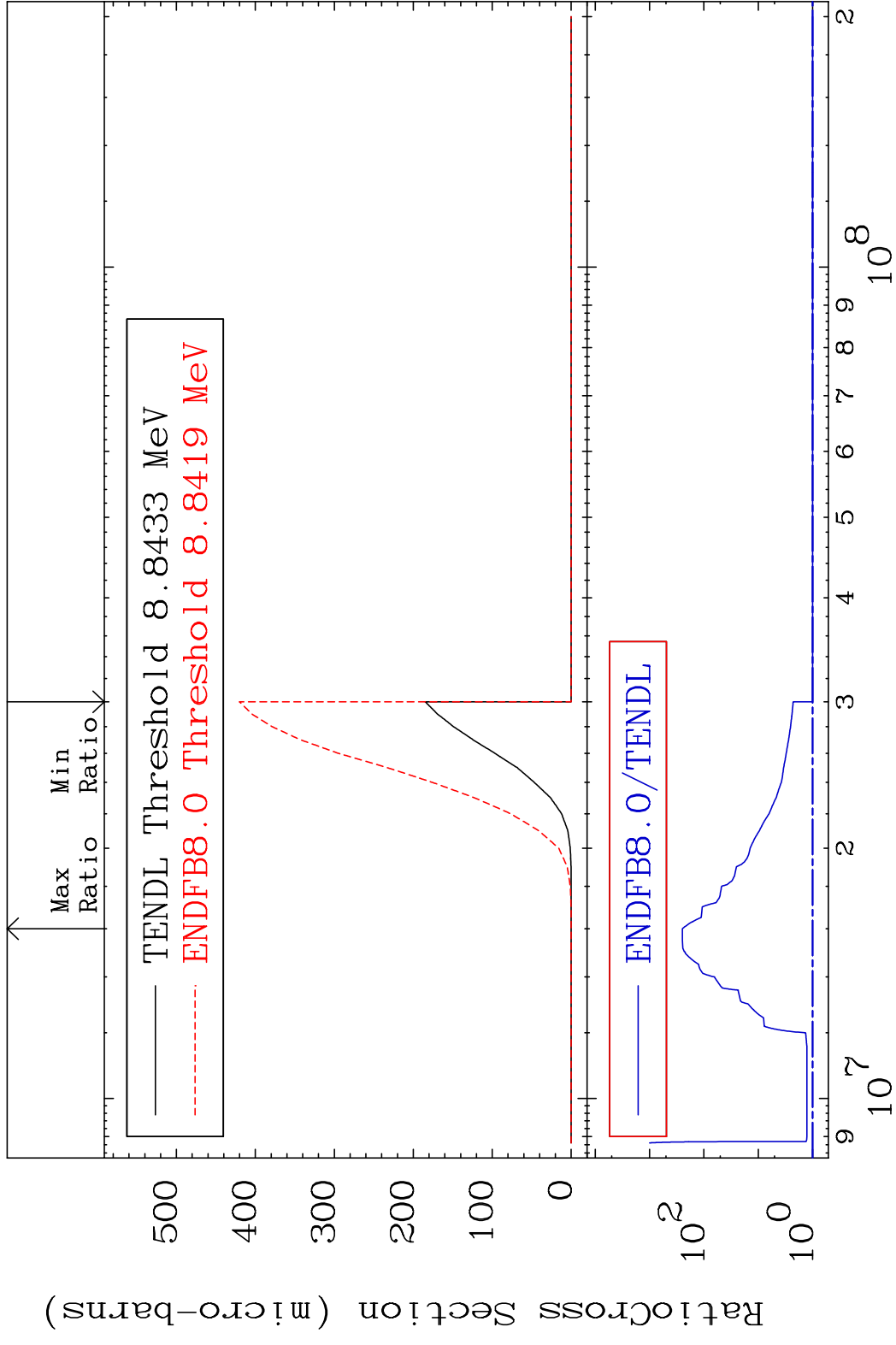
81 Incident Energy (eV) 36-Kr-81

MAT 3634 (n, t):35-Br-79m1 36-Kr-81  
 Radionuclide Production Cross Section 1847. %





MAT 3634 (n, He-3) :34-Se-79m1 36-Kr-81  
 Radionuclide Production Cross Section, %



84 Incident Energy (eV) 36-Kr-81

