

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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U.S.A.

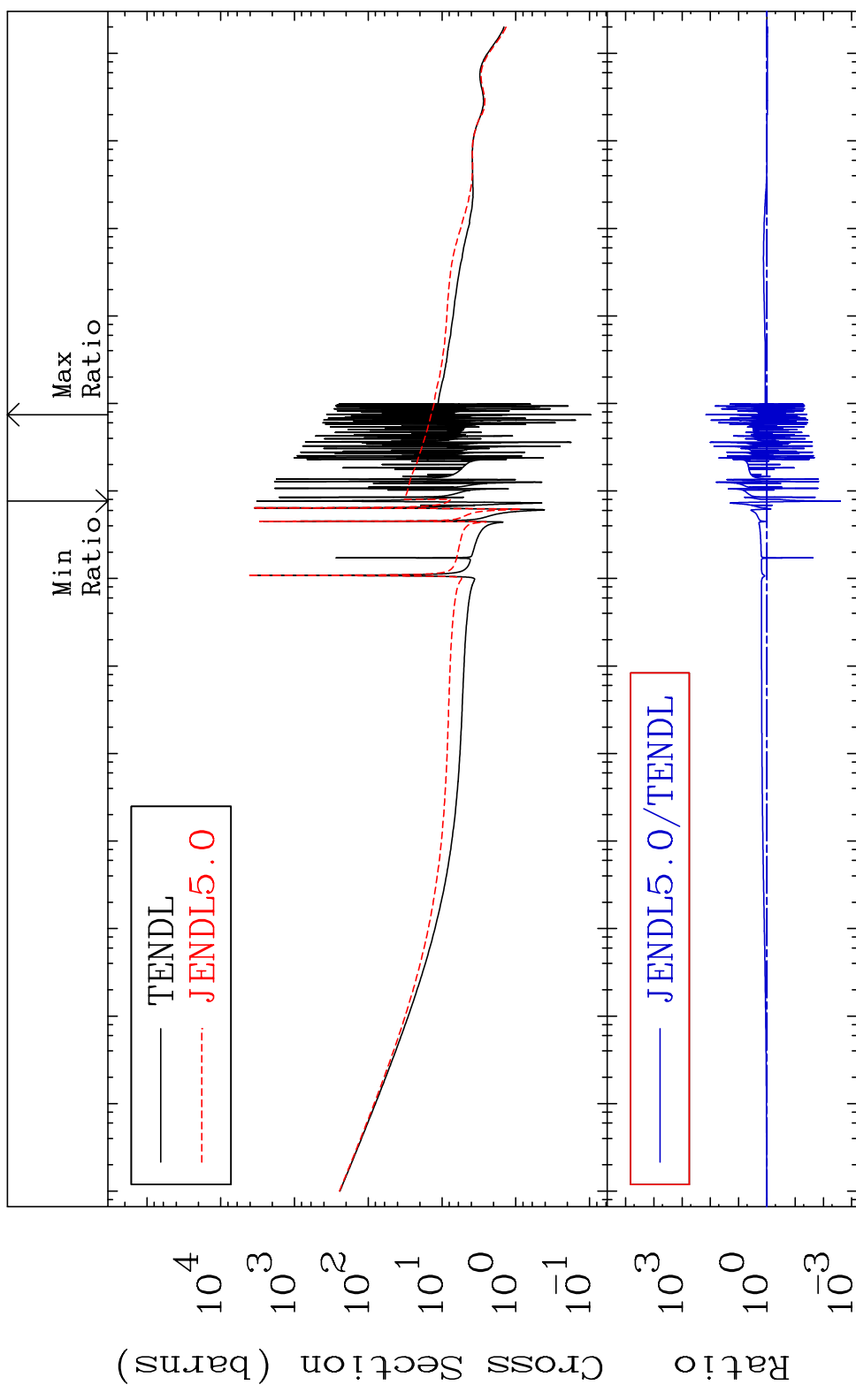
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 3625

Total Cross Section -99.75 To 9999. %  
36-Kr-78



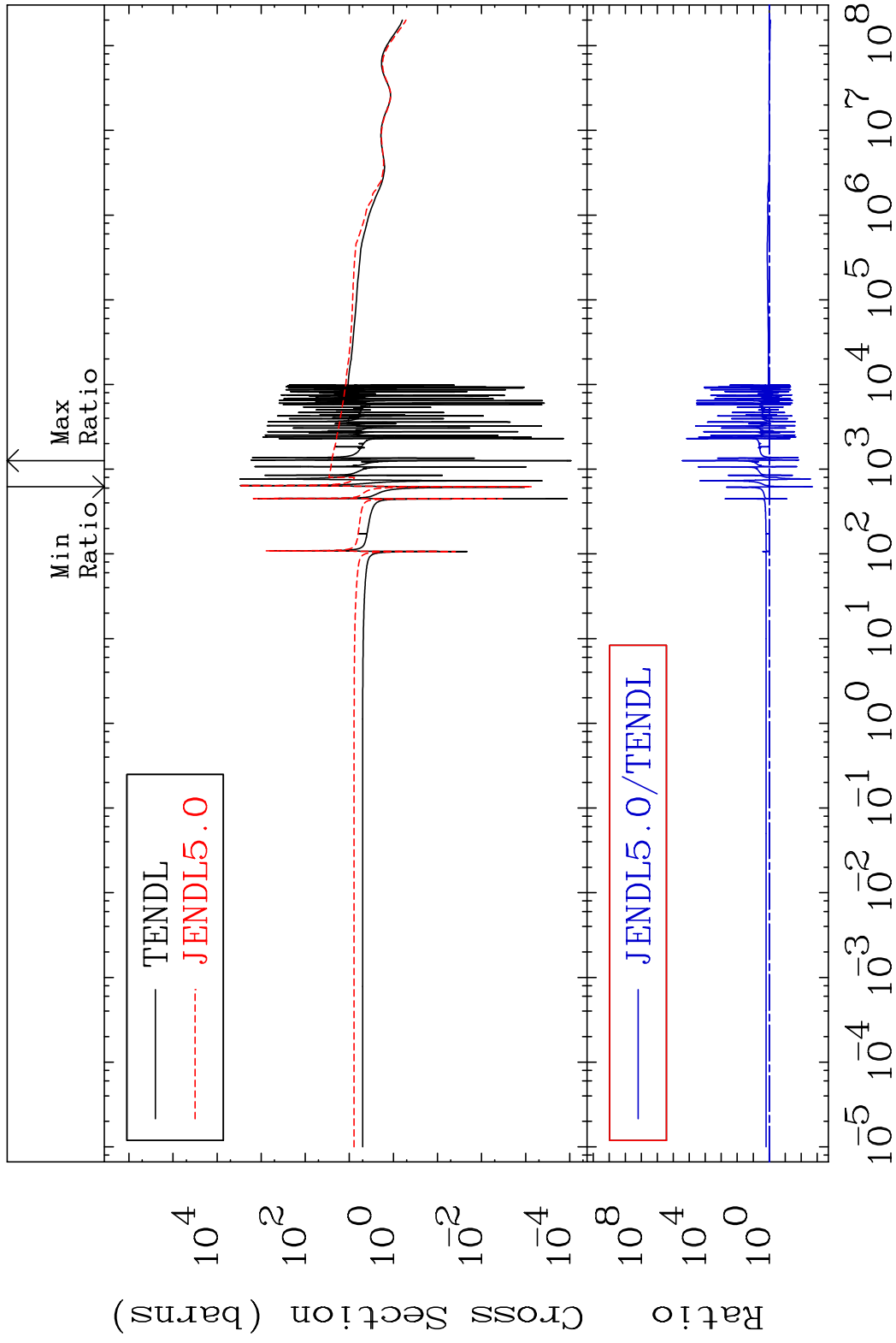
1 Incident Energy (eV) 36-Kr-78

MAT 3625

Elastic

36-Kr-78

Cross Section -99.81 To 9999. %

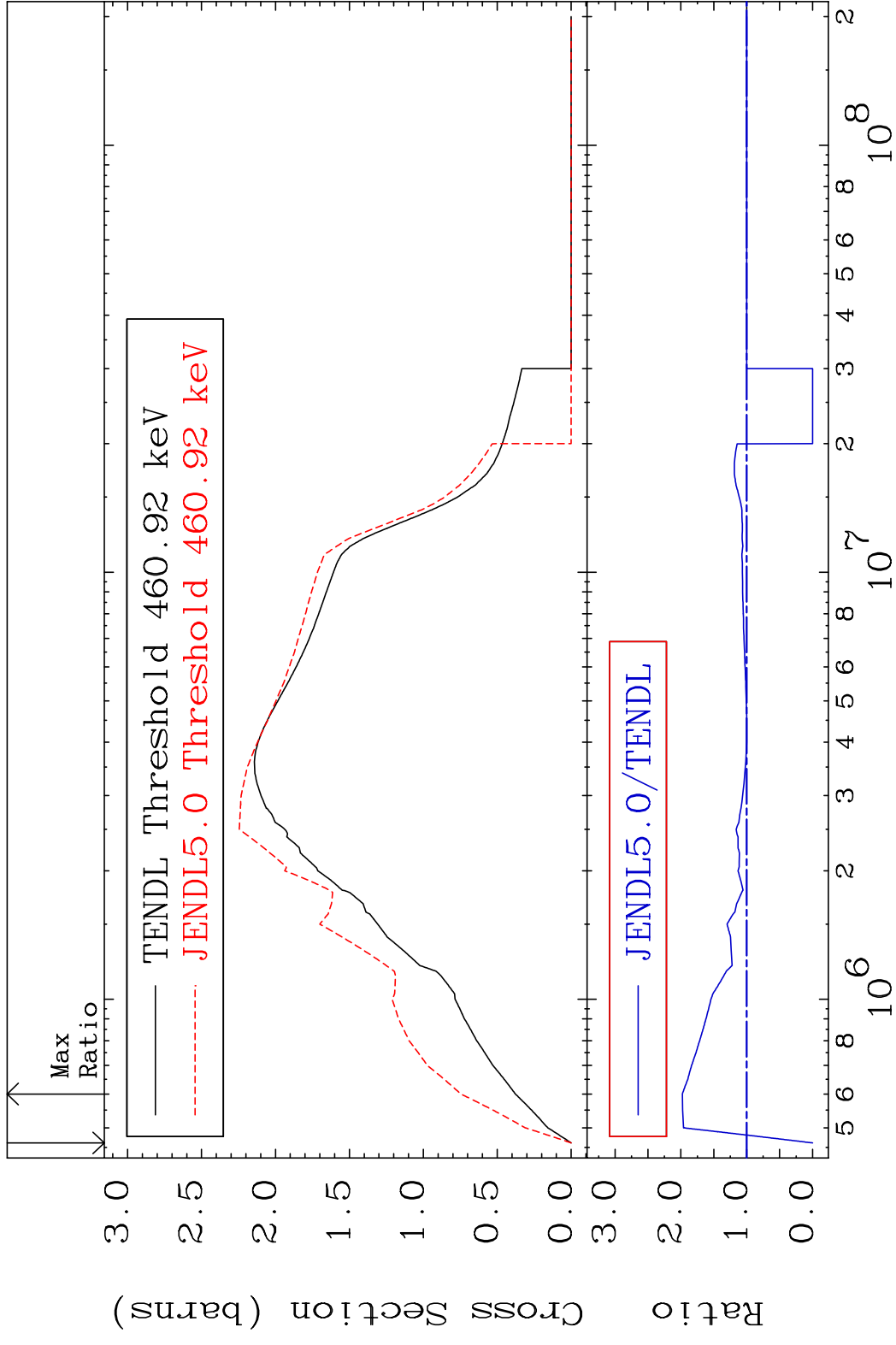


2

Incident Energy (eV)

36-Kr-78

MAT 3625 Inelastic 36-Kr-78  
 Cross Section -100.0 To 97.76 %

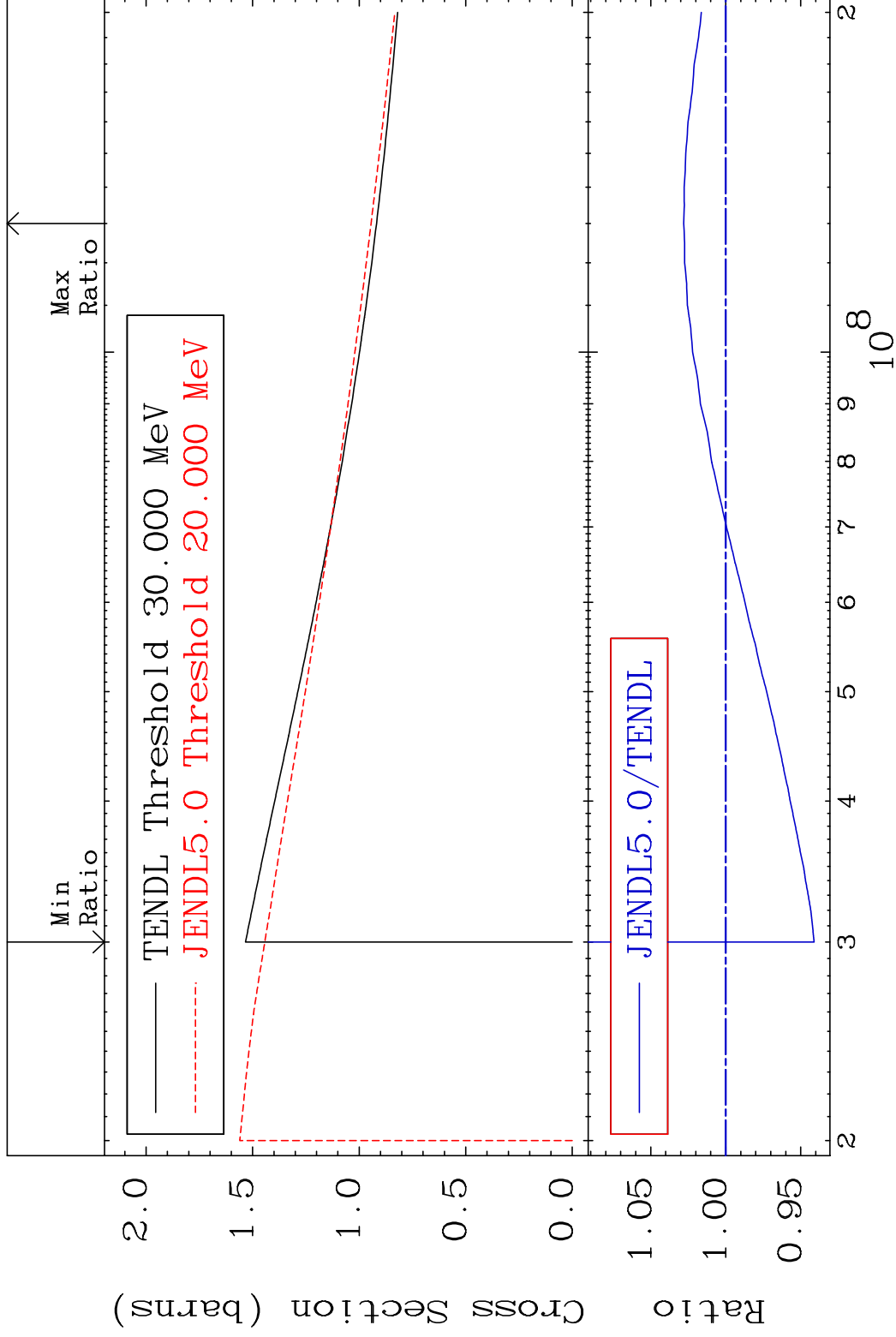


MAT 3625

(n, remainder)

36-Kr-78

Cross Section -5.889 To 2.805 %

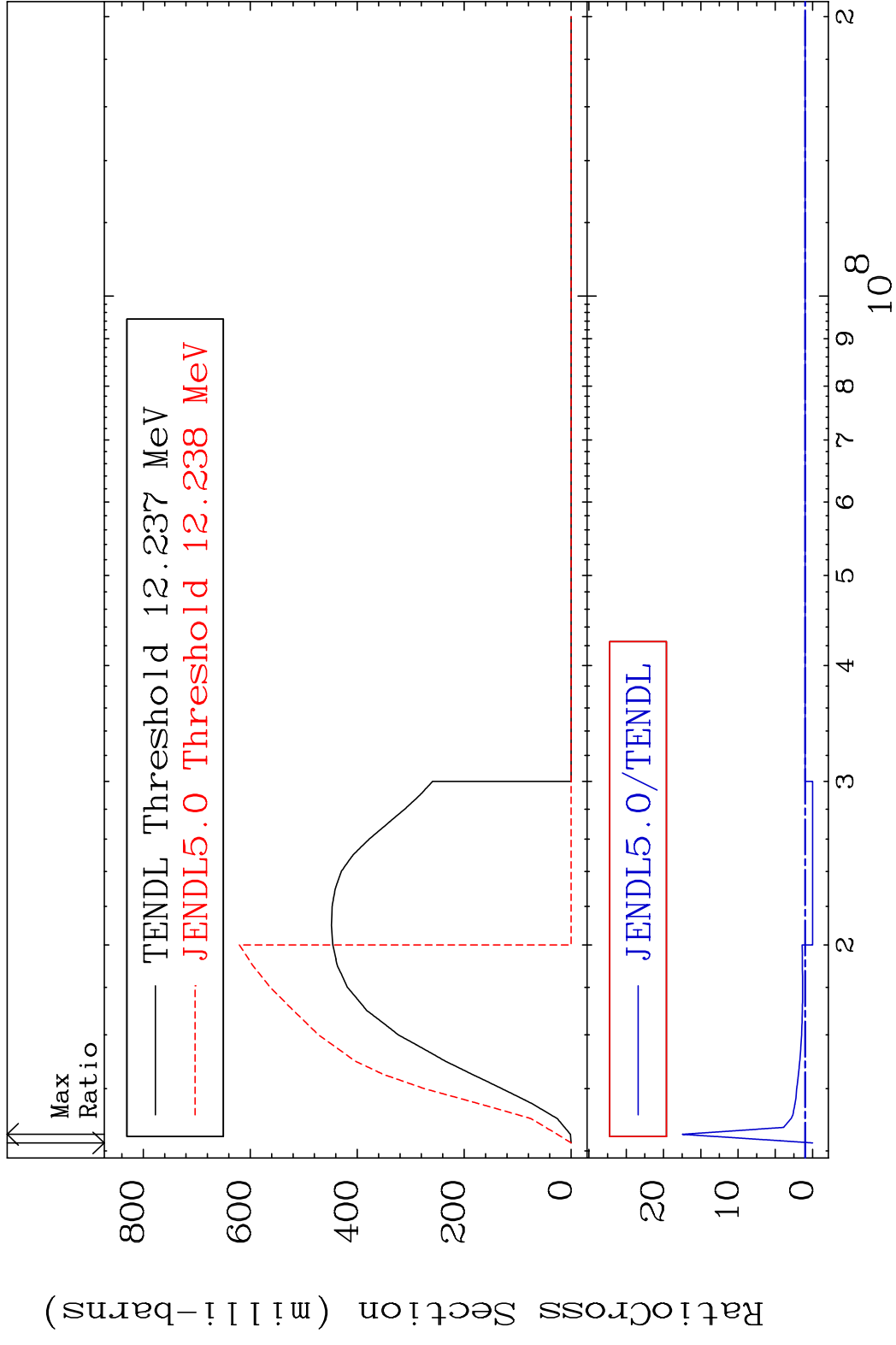


4

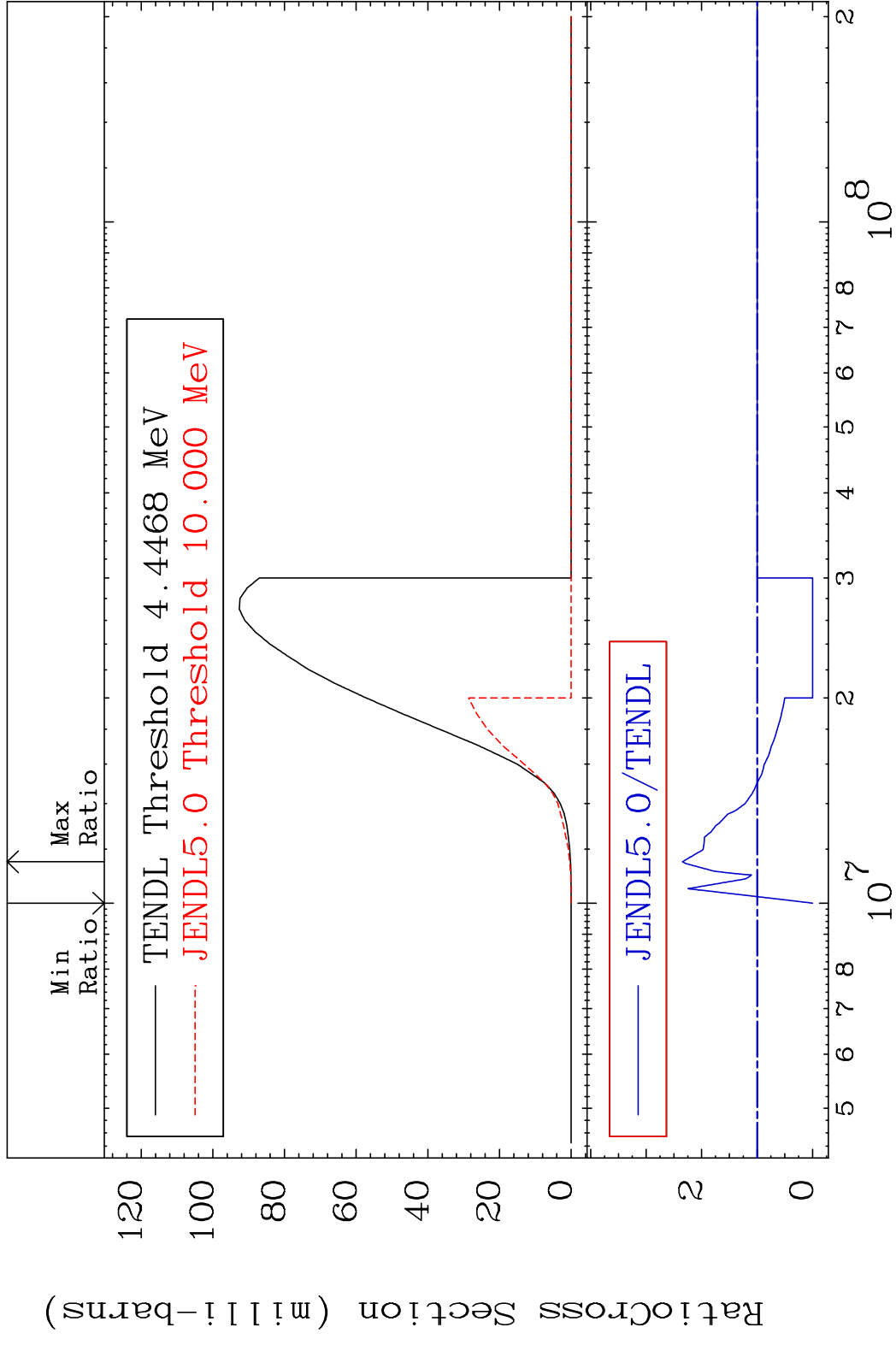
Incident Energy (eV)

36-Kr-78

MAT 3625 (n,2n) 36-Kr-78  
 Cross Section -100.0 To 1647. %

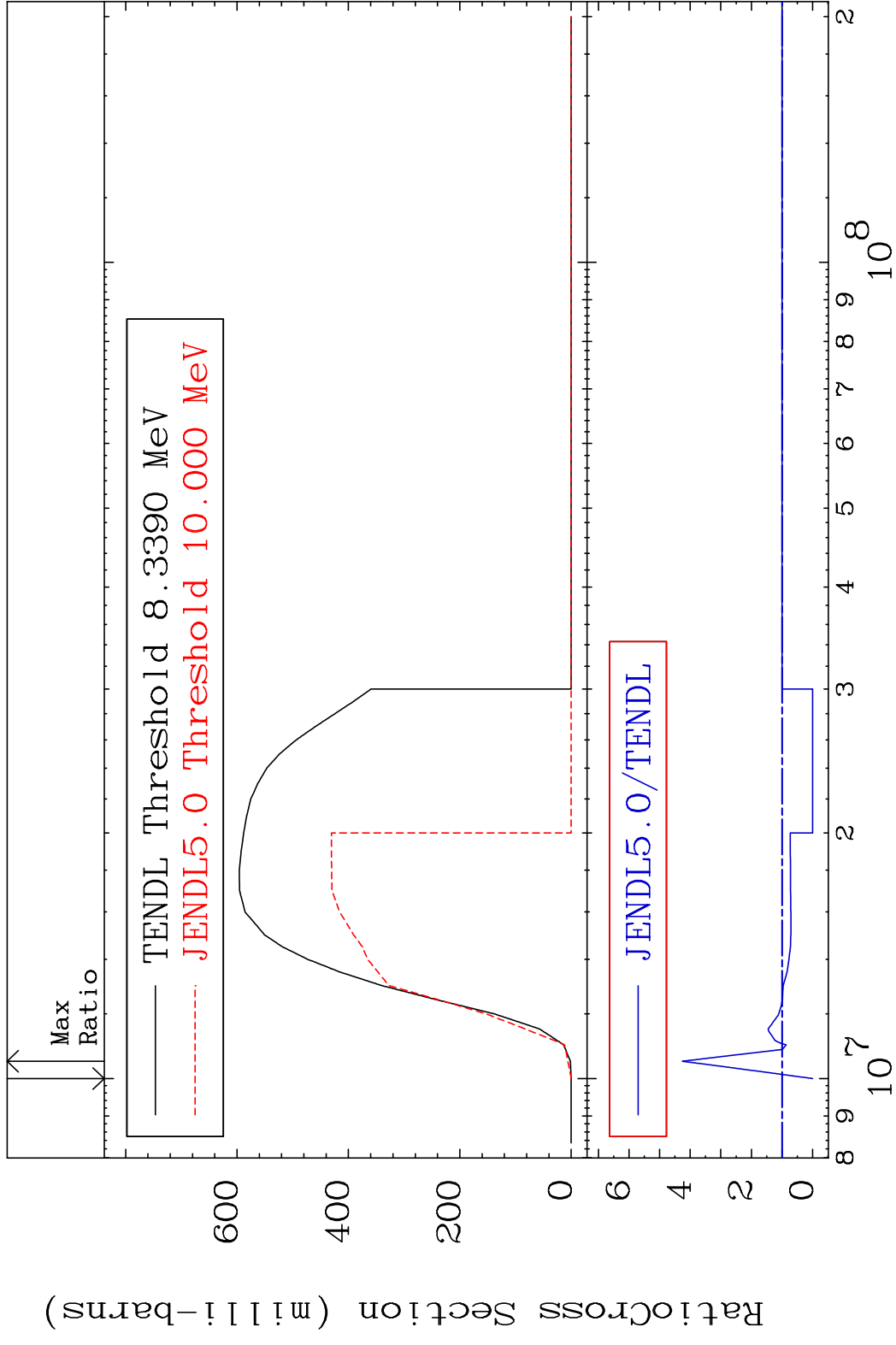


MAT 3625  $(n, n') \alpha$  36-Kr-78  
 Cross Section -100.0 To 134.8 %



6 Incident Energy (eV) 36-Kr-78

MAT 3625 (n, n') p 36-Kr-78  
 Cross Section -100.0 To 325.7 %



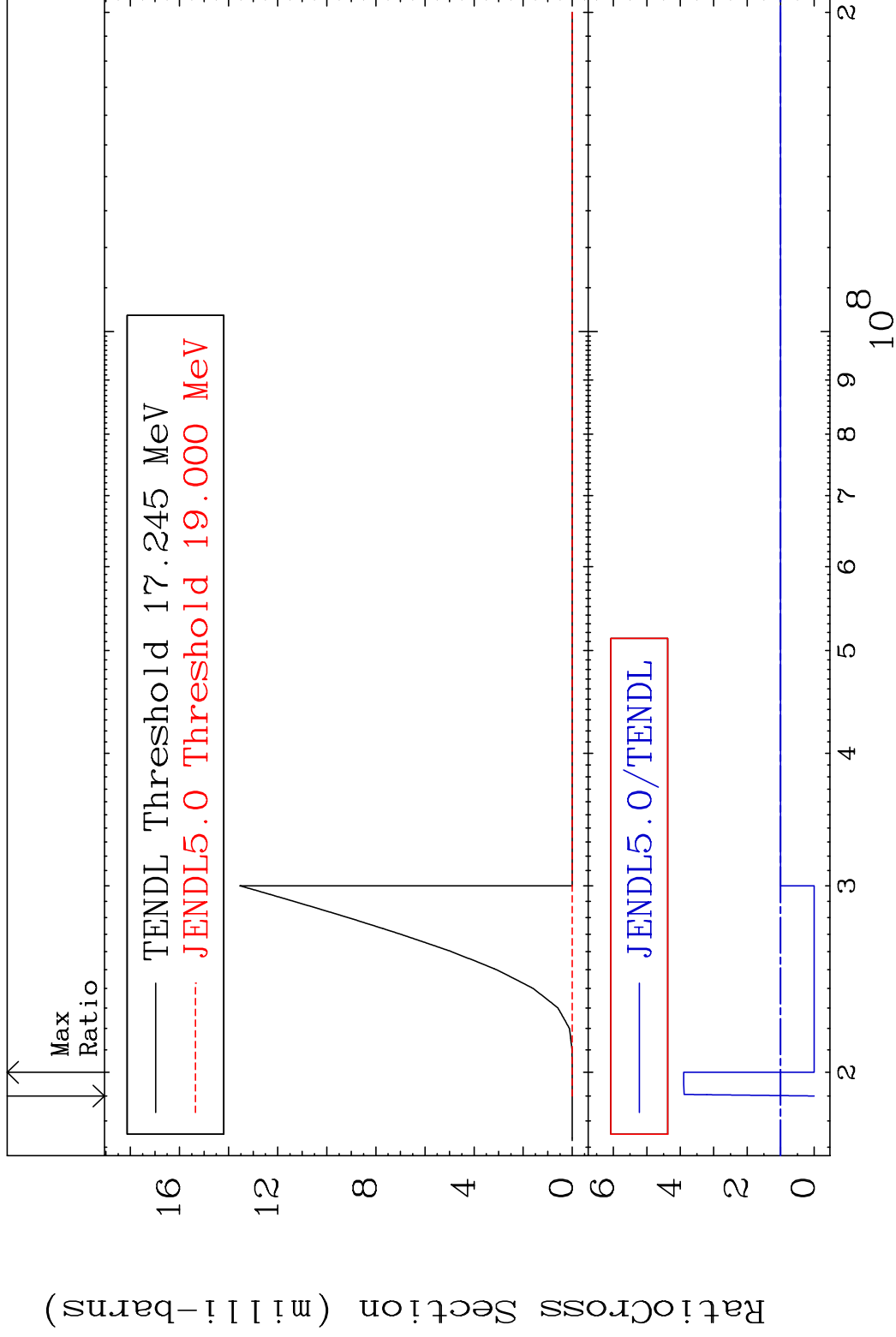


MAT 3625

(n, n') d

36-Kr-78

Cross Section -100.0 To 289.9 %

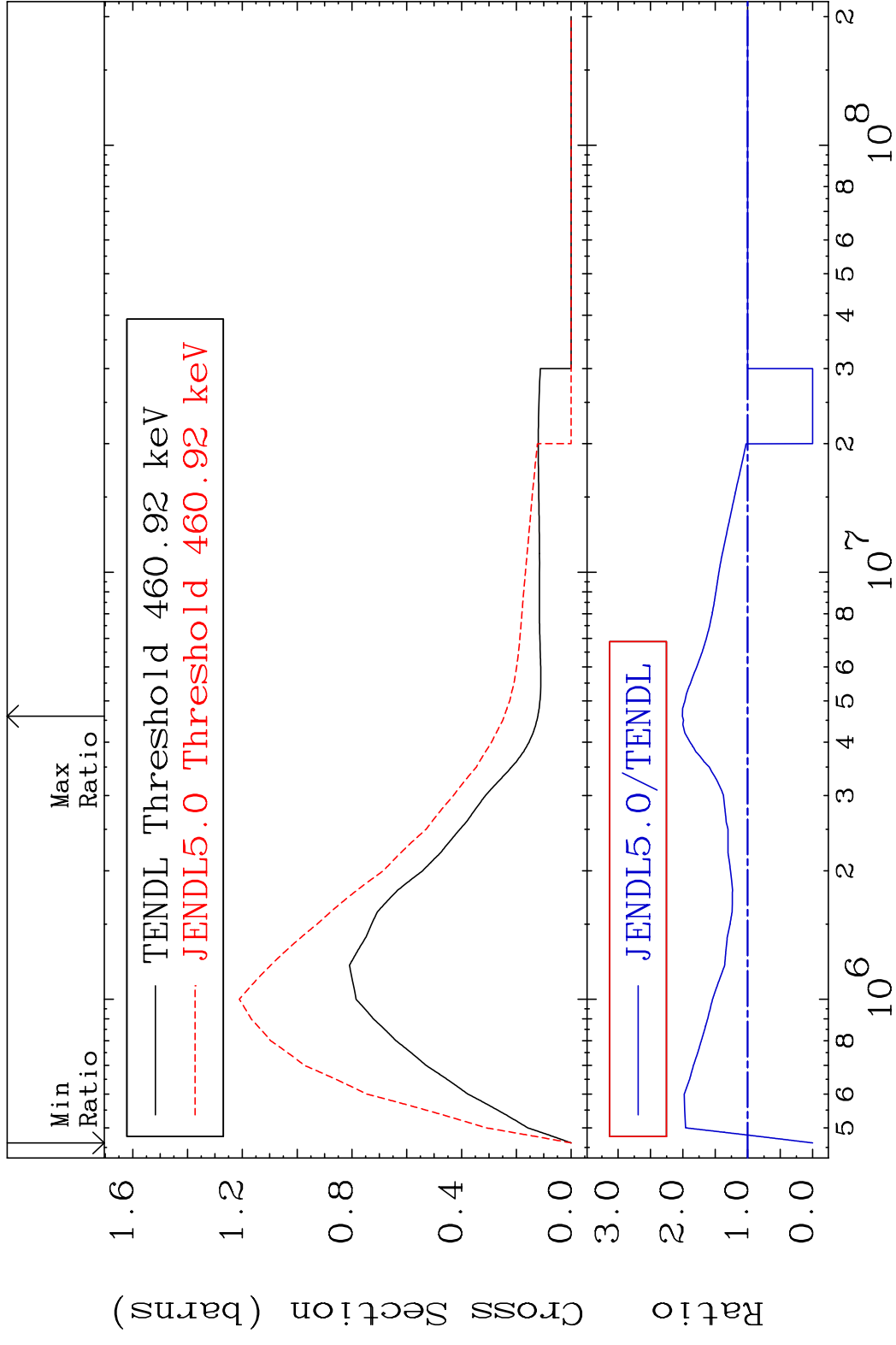


8

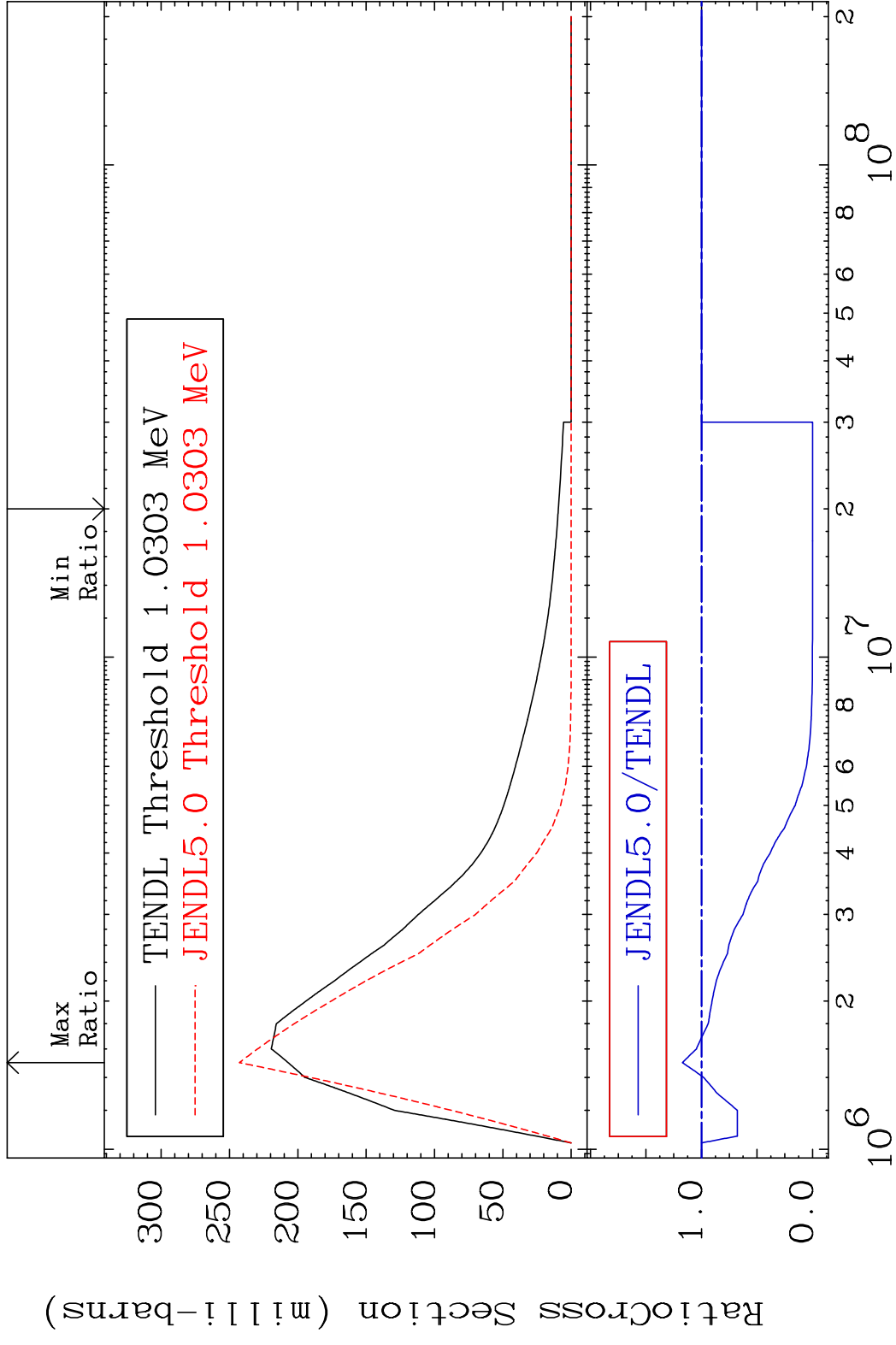
Incident Energy (eV)

36-Kr-78

MAT 3625 MT= 51 (n, n') Level 36-Kr-78  
 Cross Section -100.0 To 100.8 %

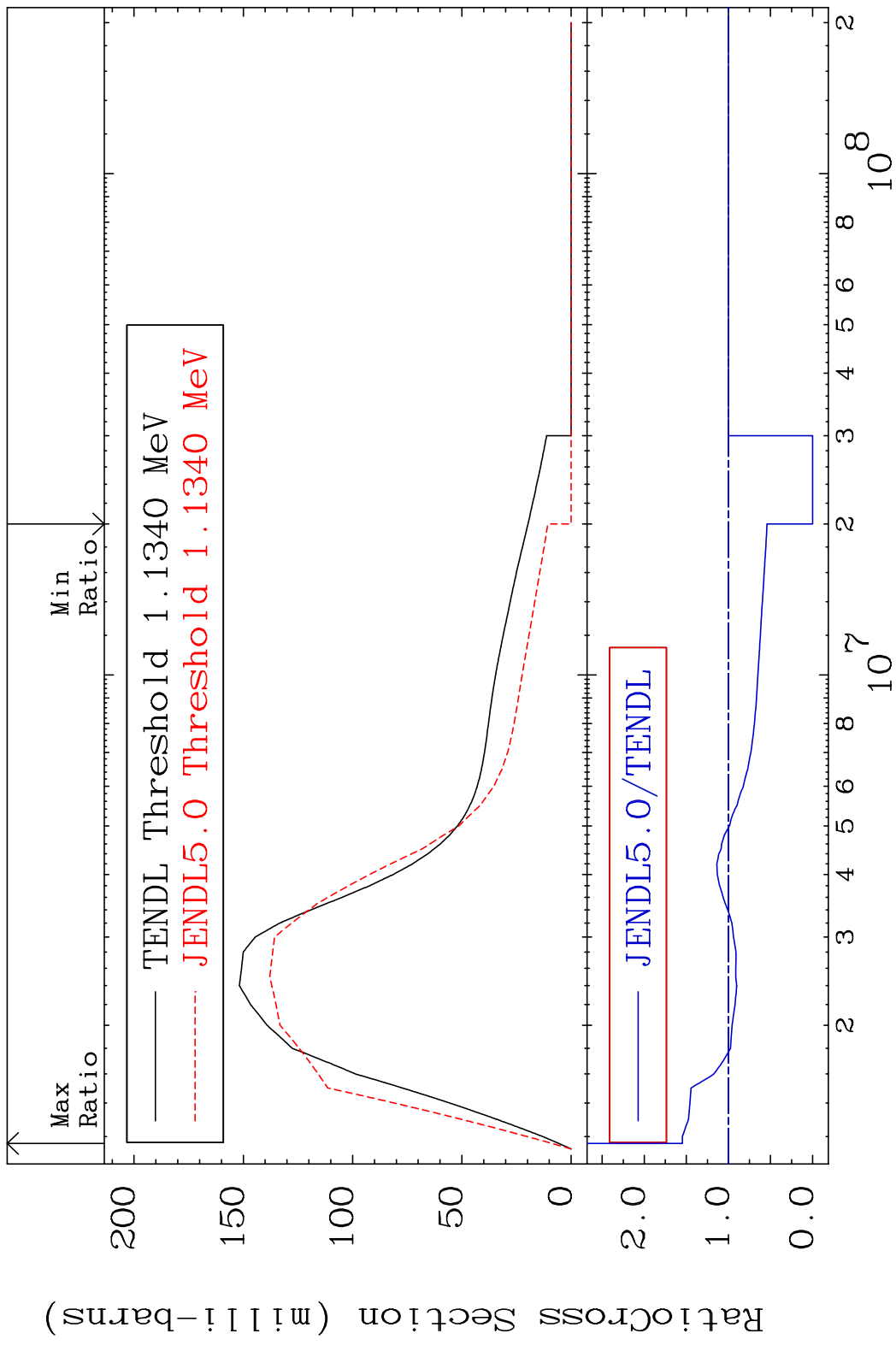


MAT 3625 MT= 52 (n, n') Level 36-Kr-78  
 Cross Section -100.0 To 17.24 %

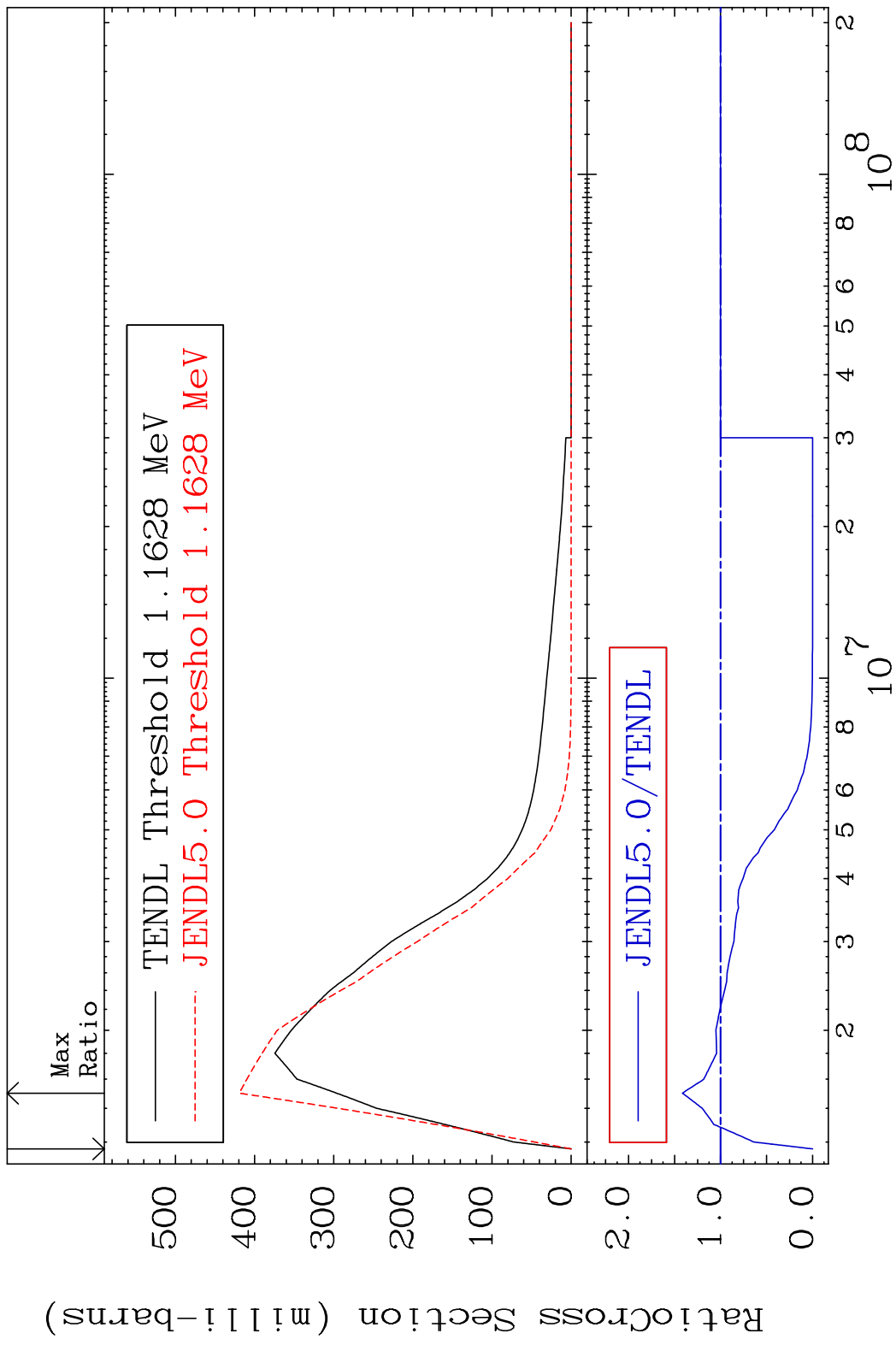


10 Incident Energy (eV) 36-Kr-78

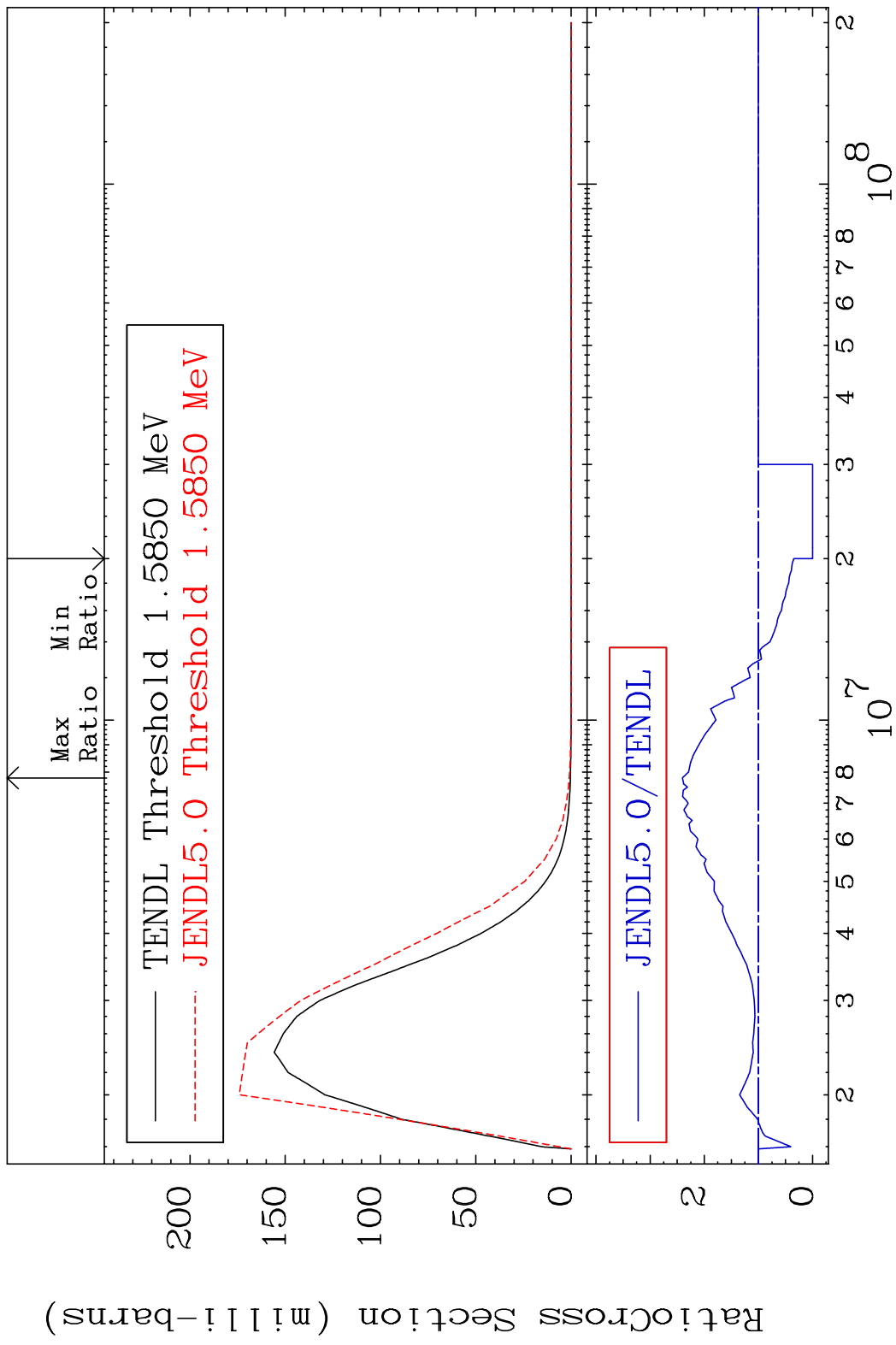
MAT 3625 MT= 53 (n, n') Level 36-Kr-78  
 Cross Section -100.0 To 54.73 %



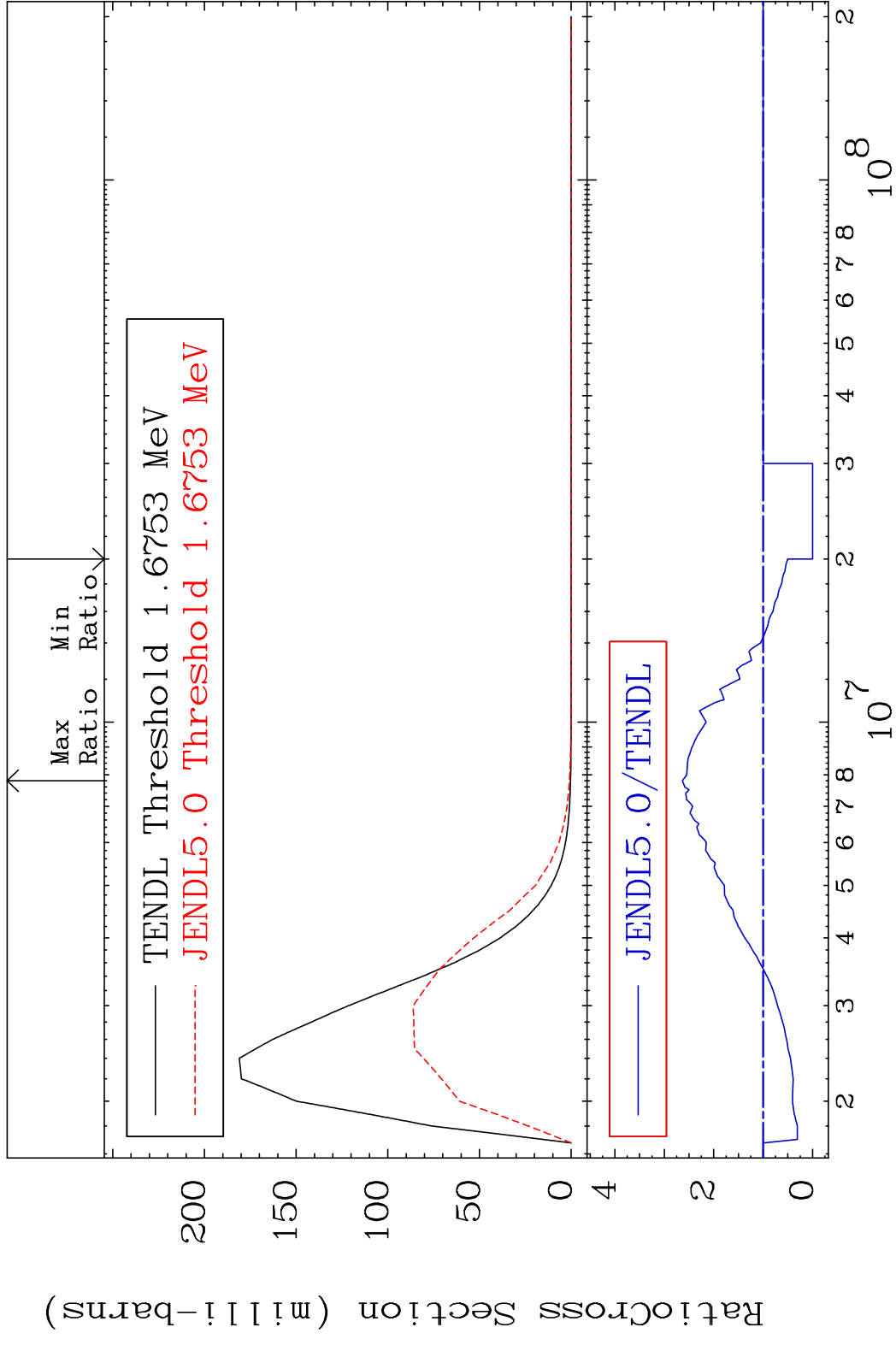
MAT 3625 MT= 54 (n, n') Level 36-Kr-78  
 Cross Section -100.0 To 41.53 %



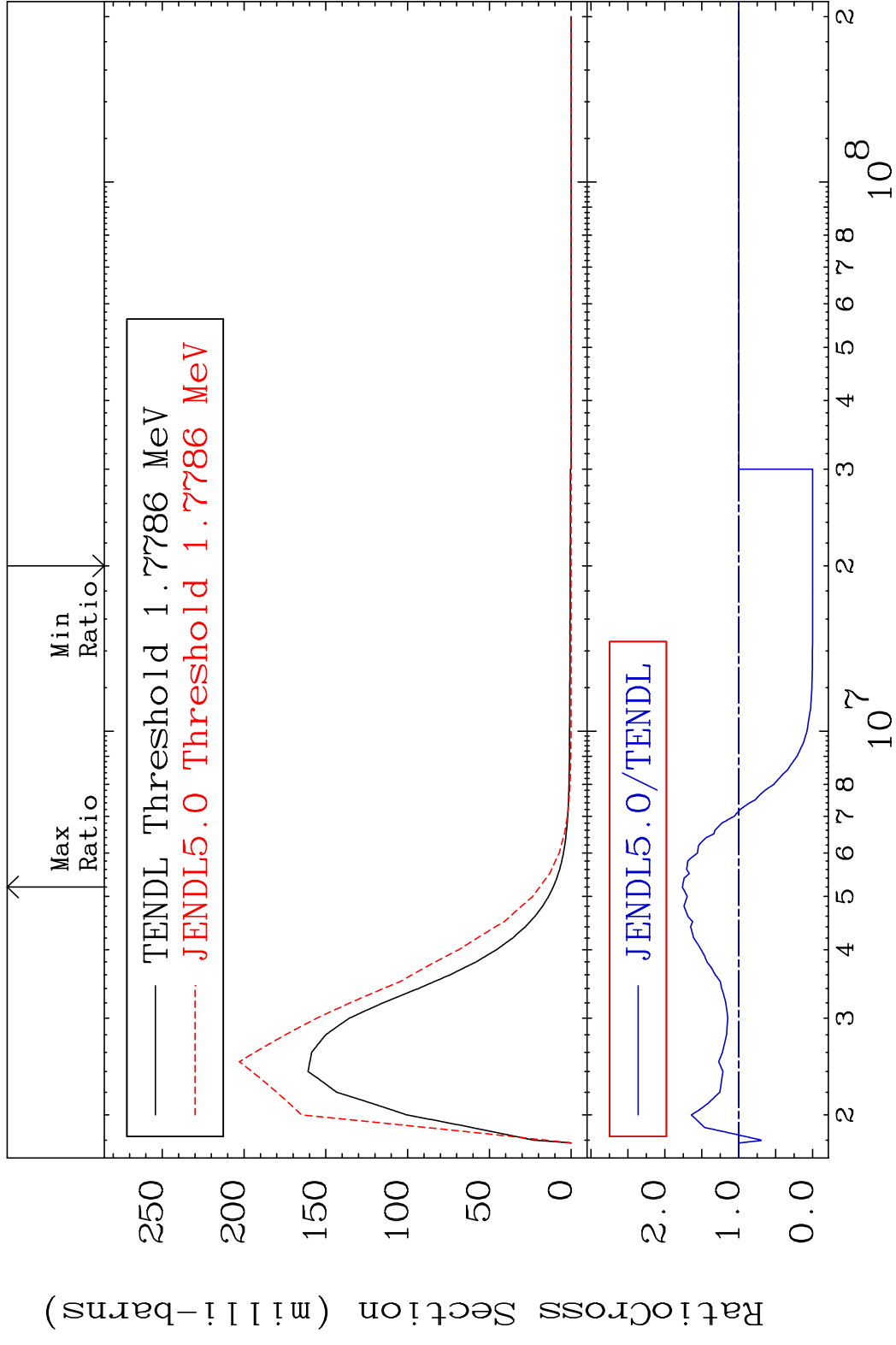
MAT 3625 MT= 55 (n, n') Level 36-Kr-78  
 Cross Section -100.0 To 140.5 %



MAT 3625 MT= 56 (n, n') Level 36-Kr-78  
 Cross Section -100.0 To 163.5 %

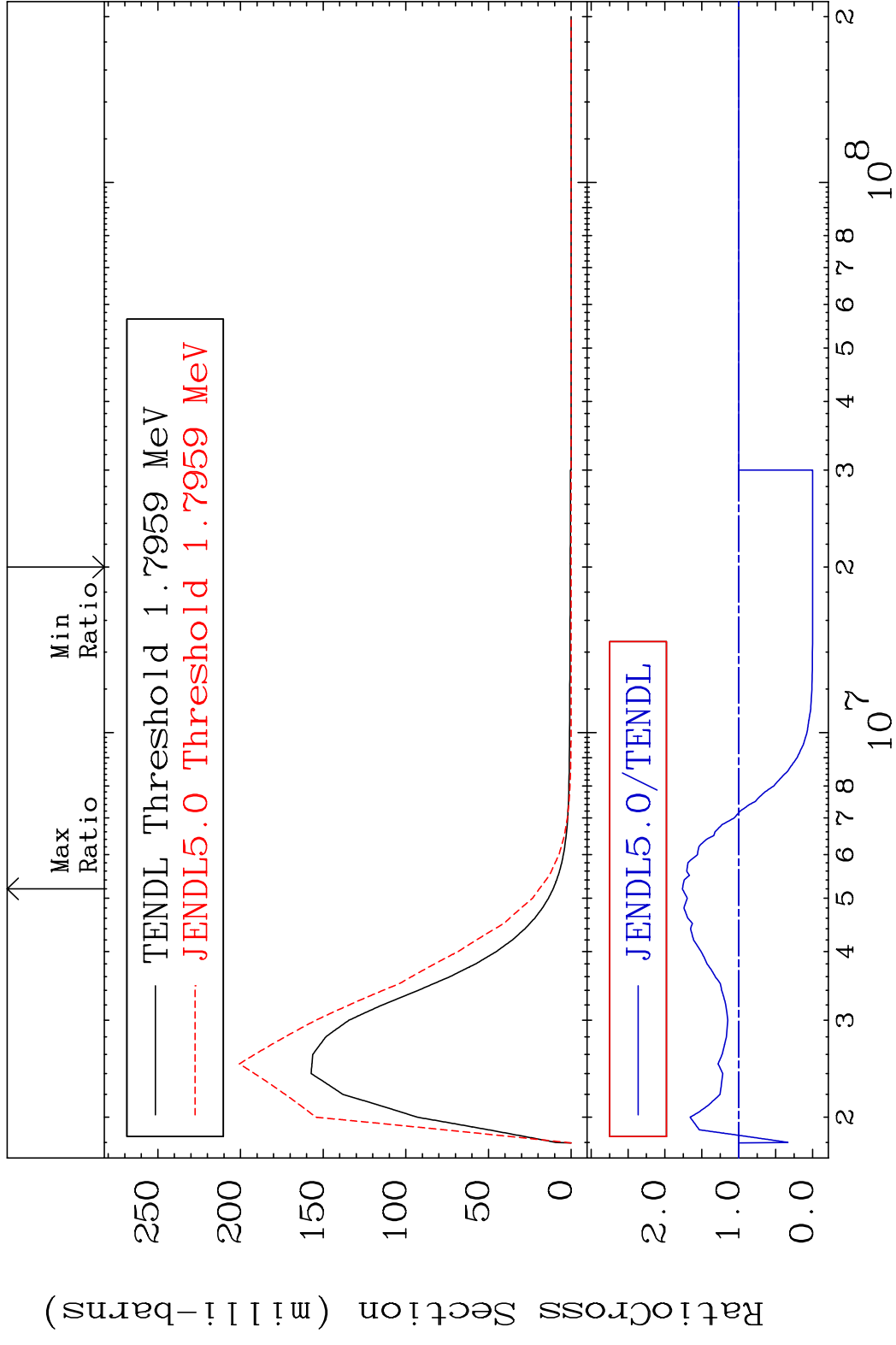


MAT 3625 MT= 57 (n, n') Level 36-Kr-78  
 Cross Section -100.0 To 76.20 %

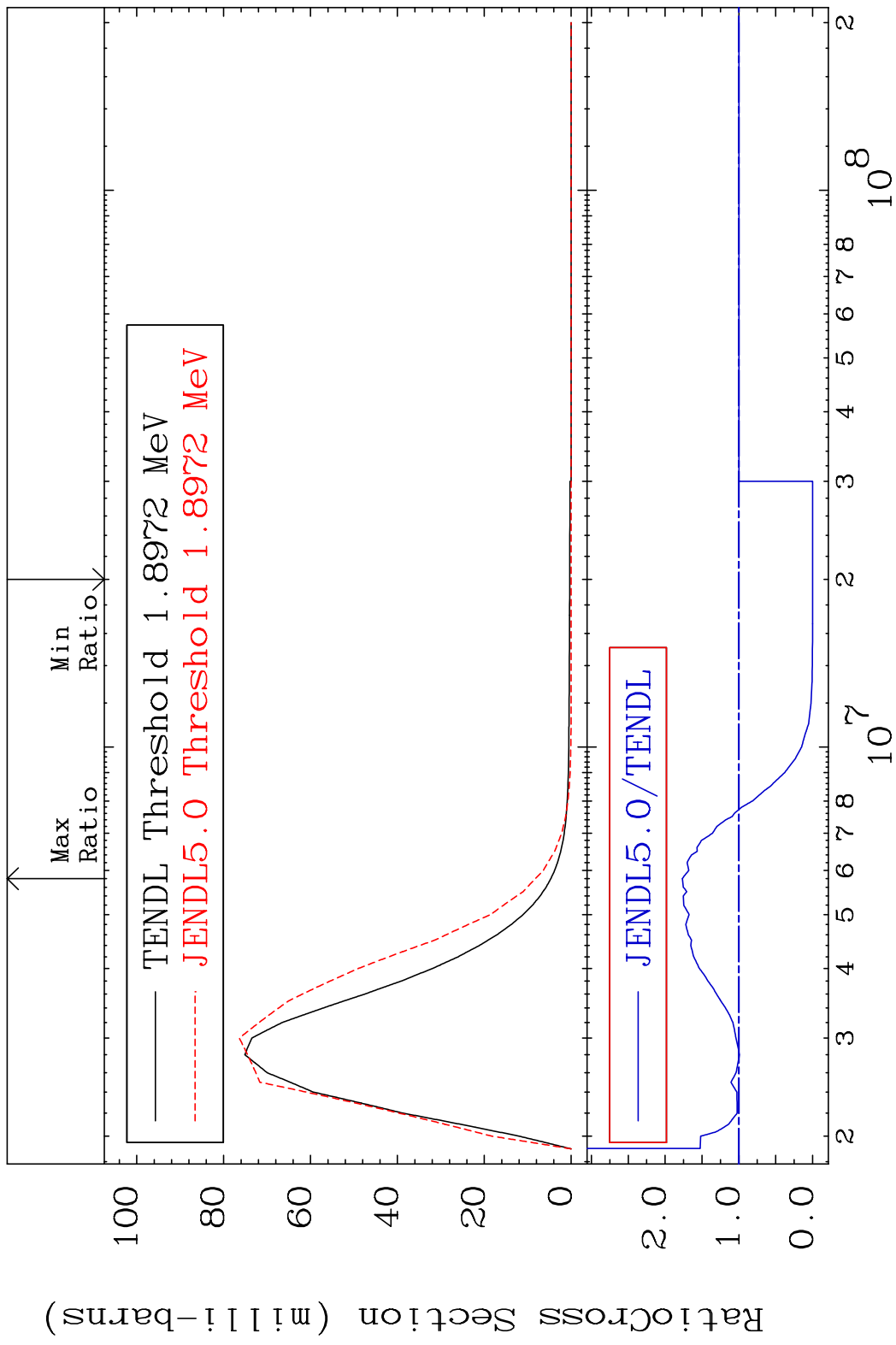




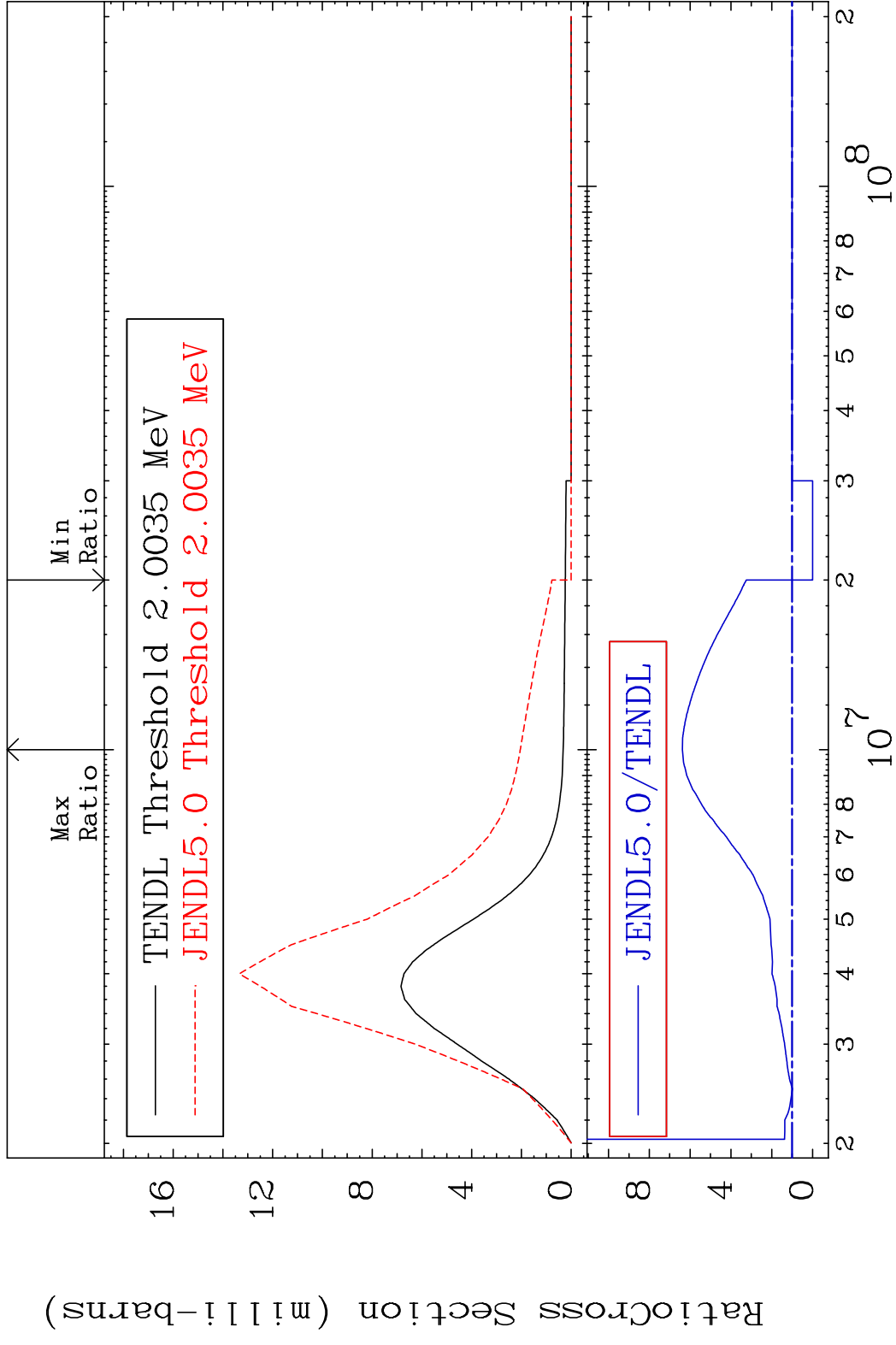
MAT 3625 MT= 58 (n, n') Level 36-Kr-78  
 Cross Section -100.0 To 76.38 %



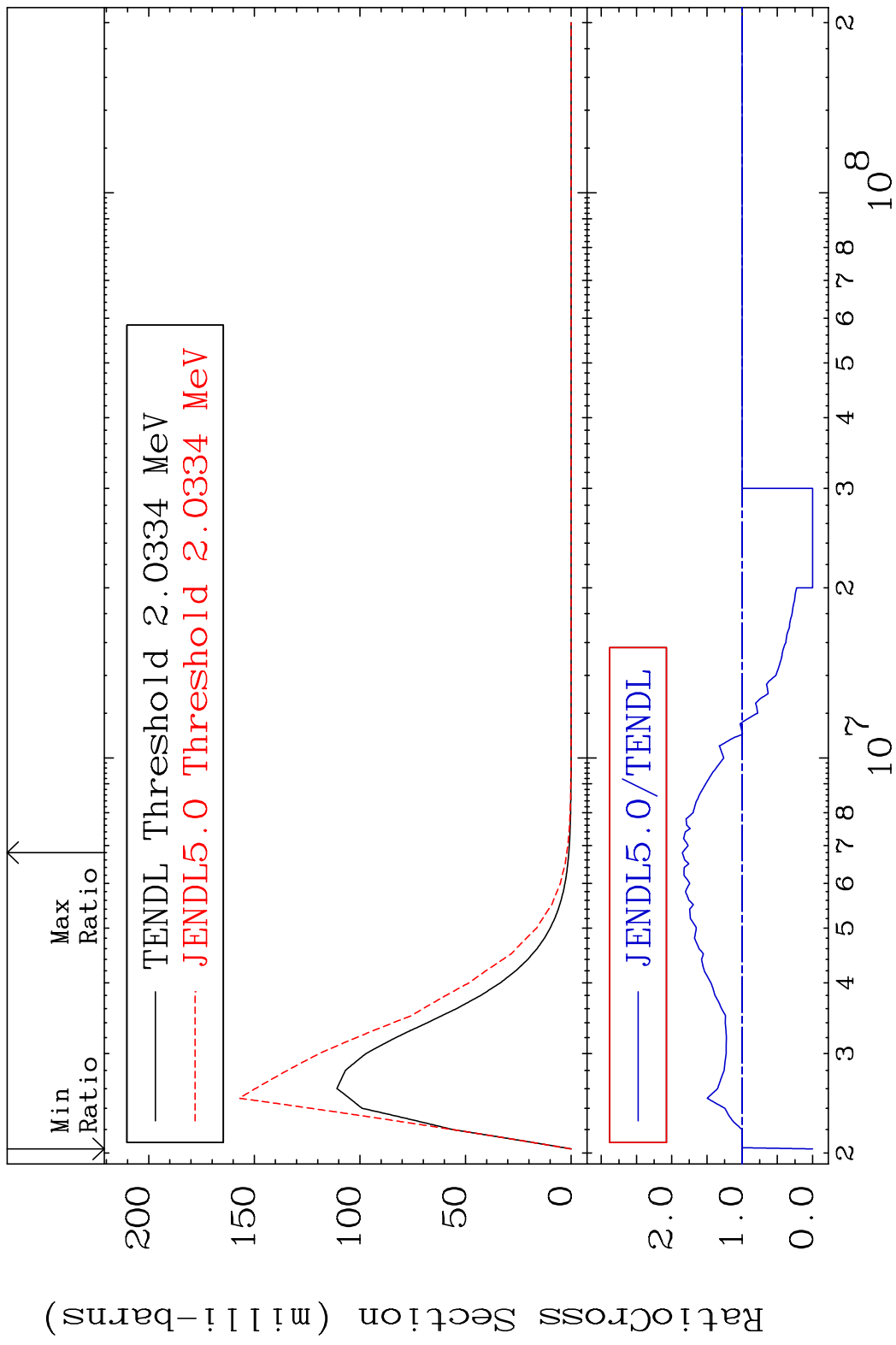
MAT 3625 MT= 59 (n, n') Level 36-Kr-78  
 Cross Section -100.0 To 76.62 %



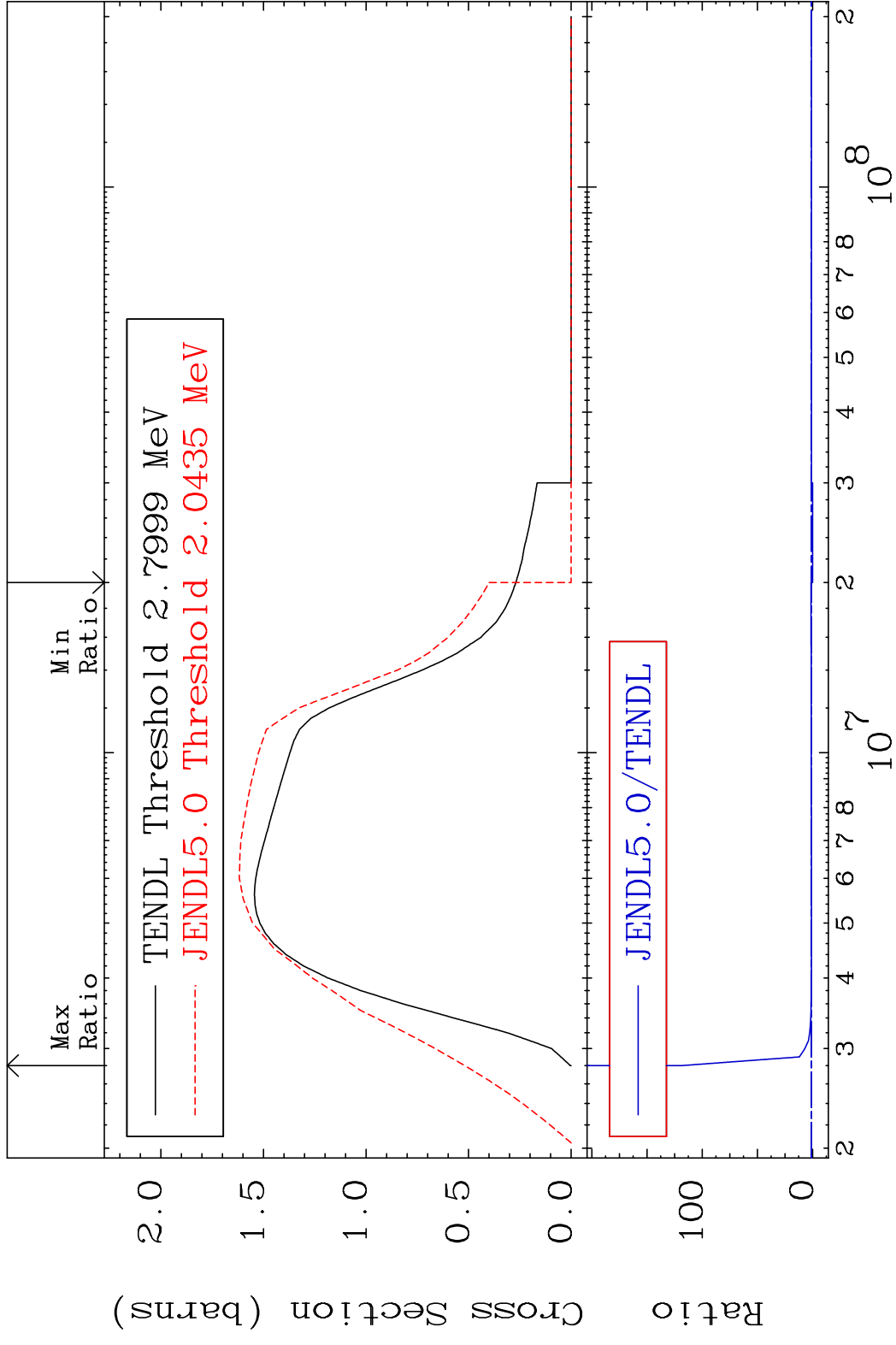
MAT 3625 MT= 60 (n, n') Level 36-Kr-78  
 Cross Section -100.0 To 538.1 %



MAT 3625 MT= 61 (n, n') Level 36-Kr-78  
 Cross Section -100.0 To 84.91 %



MAT 3625 (n,n') Continuum 36-Kr-78  
 Cross Section -100.0 To 9999. %



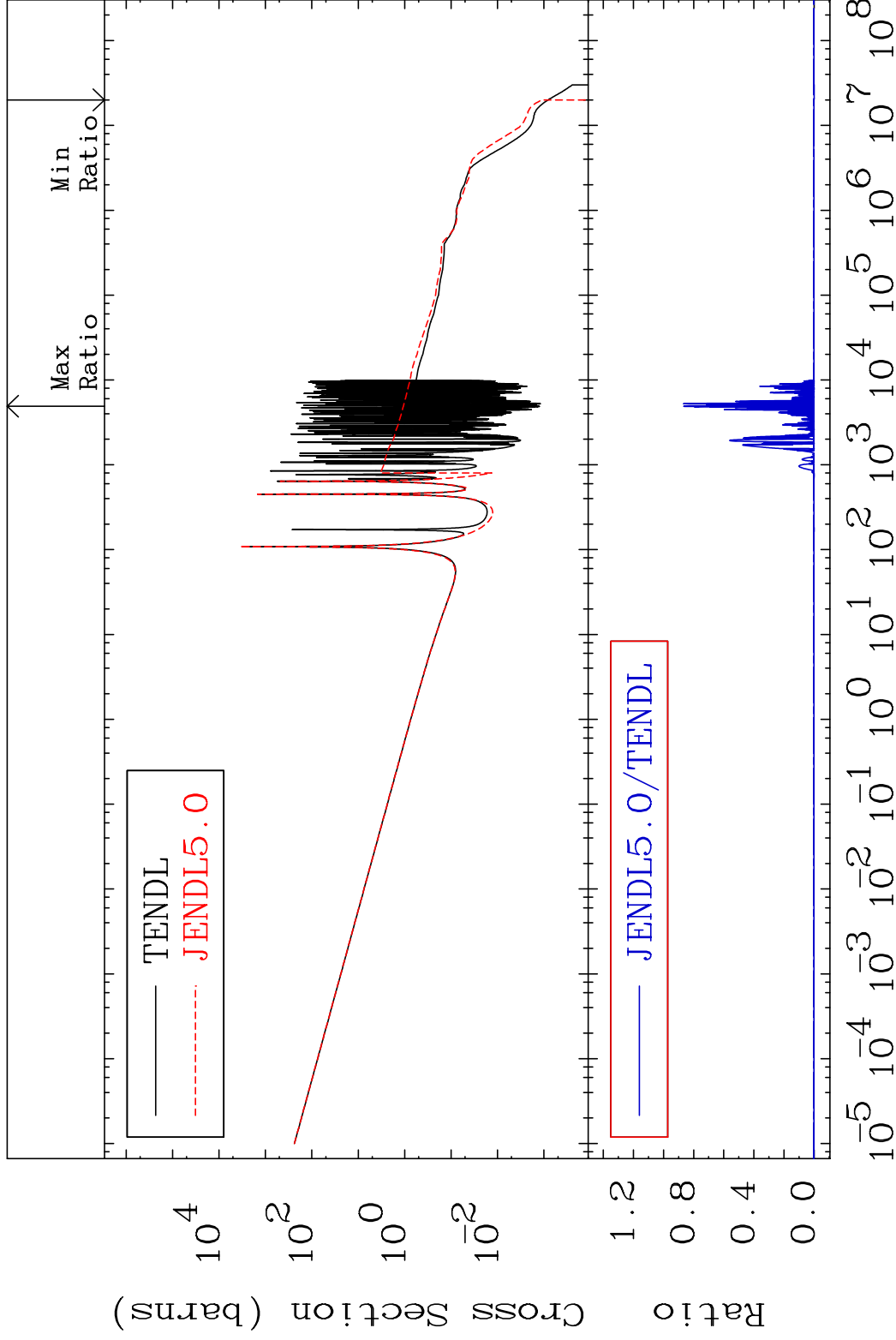
20 36-Kr-78

MAT 3625

(n,  $\gamma$ )

36-Kr-78

Cross Section -100.0 To 9999. %



21

Incident Energy (eV)

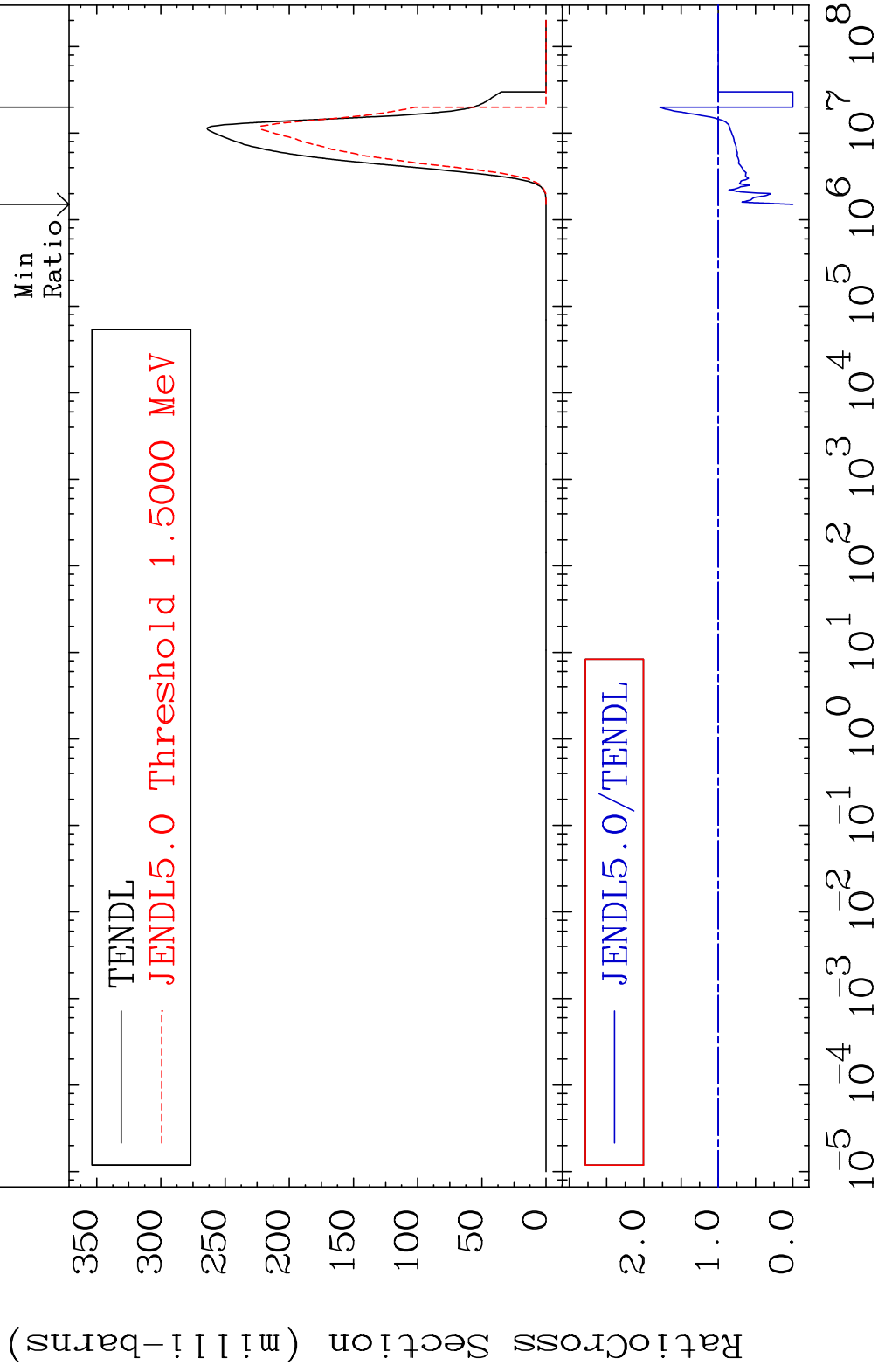
36-Kr-78

MAT 3625

(n, p)

36-Kr-78

Cross Section -100.0 To 78.71 %

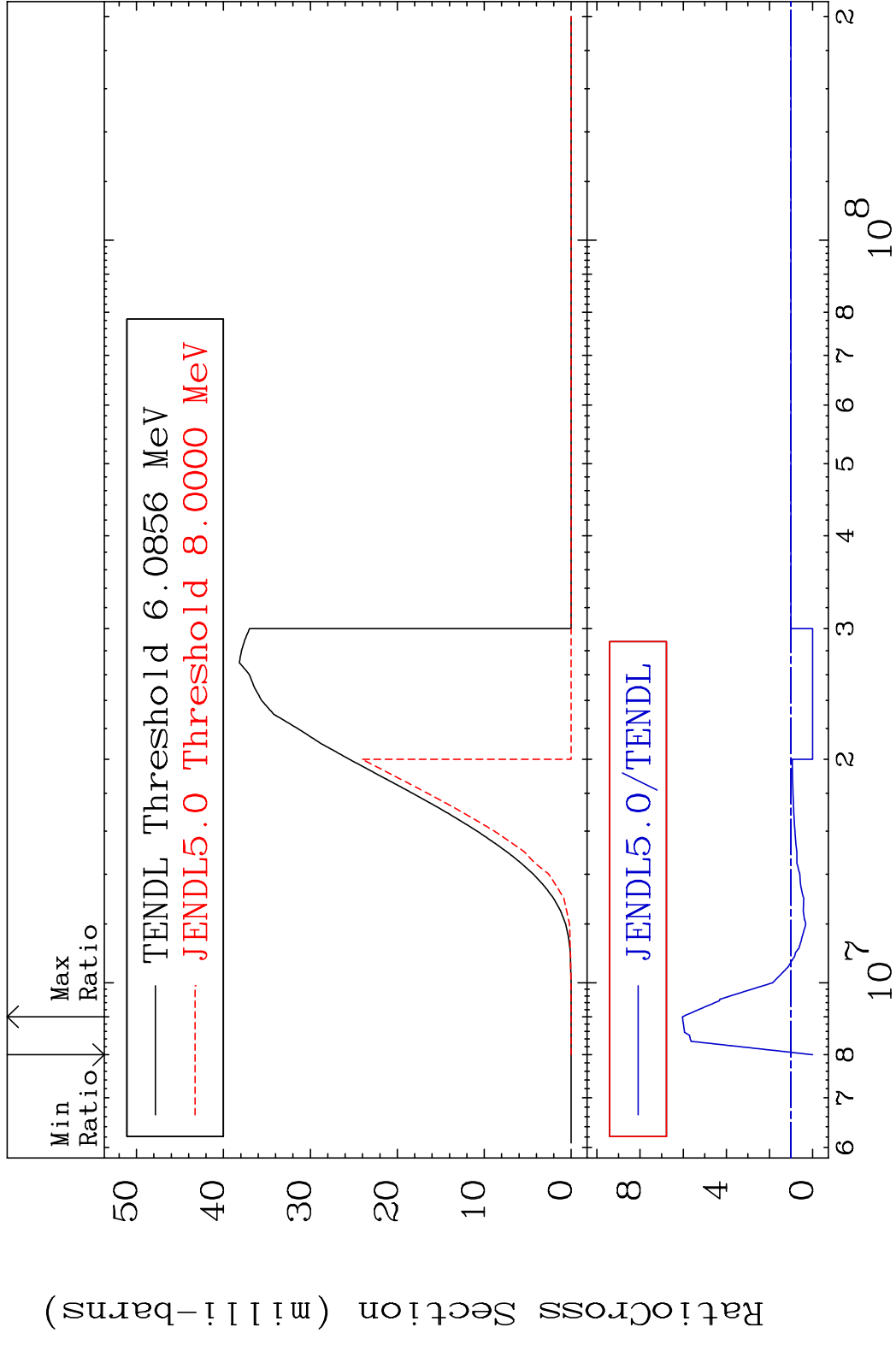


22

Incident Energy (eV)

36-Kr-78

MAT 3625 (n,d) 36-Kr-78  
 Cross Section -100.0 To 503.9 %



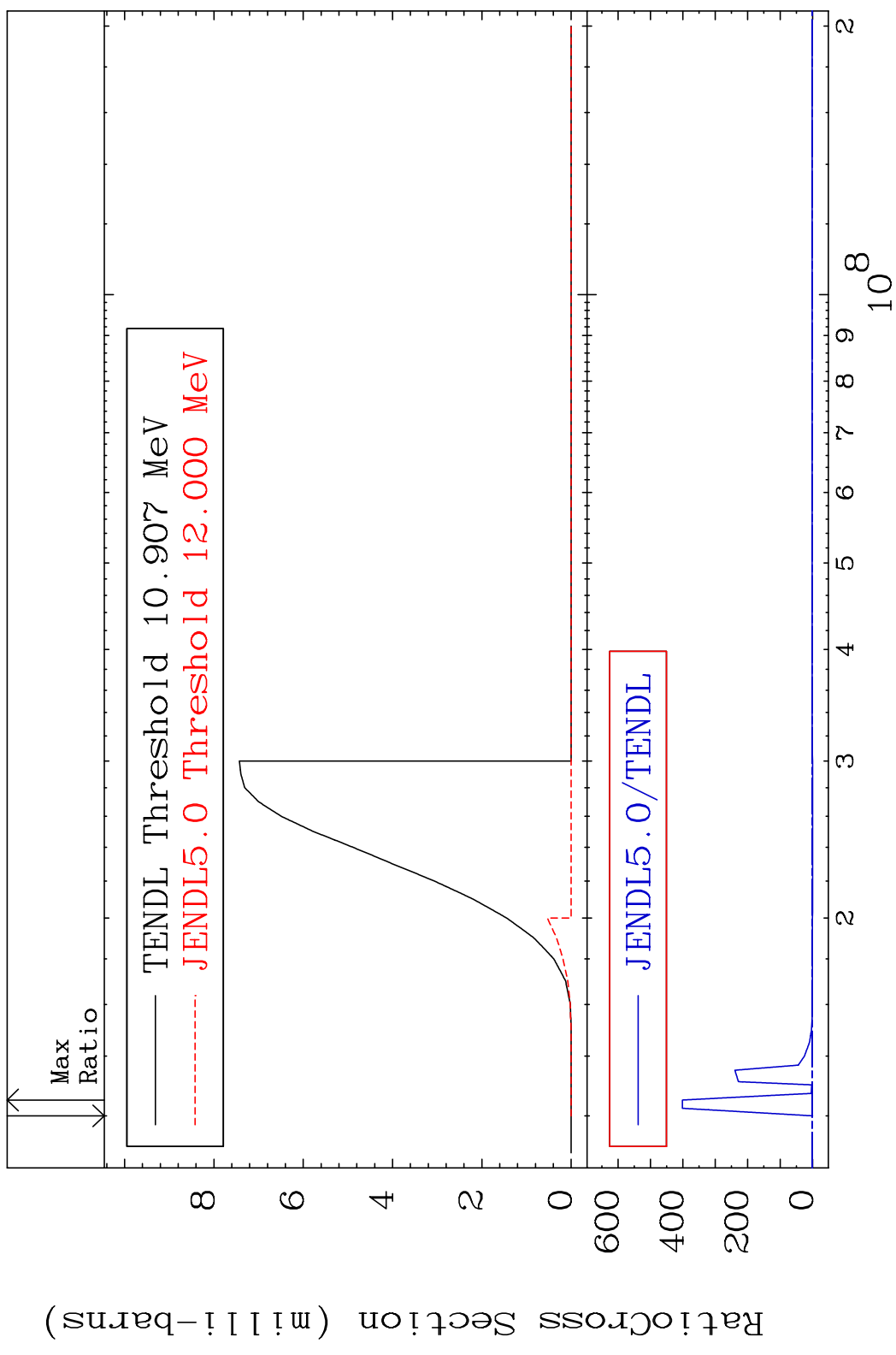


MAT 3625

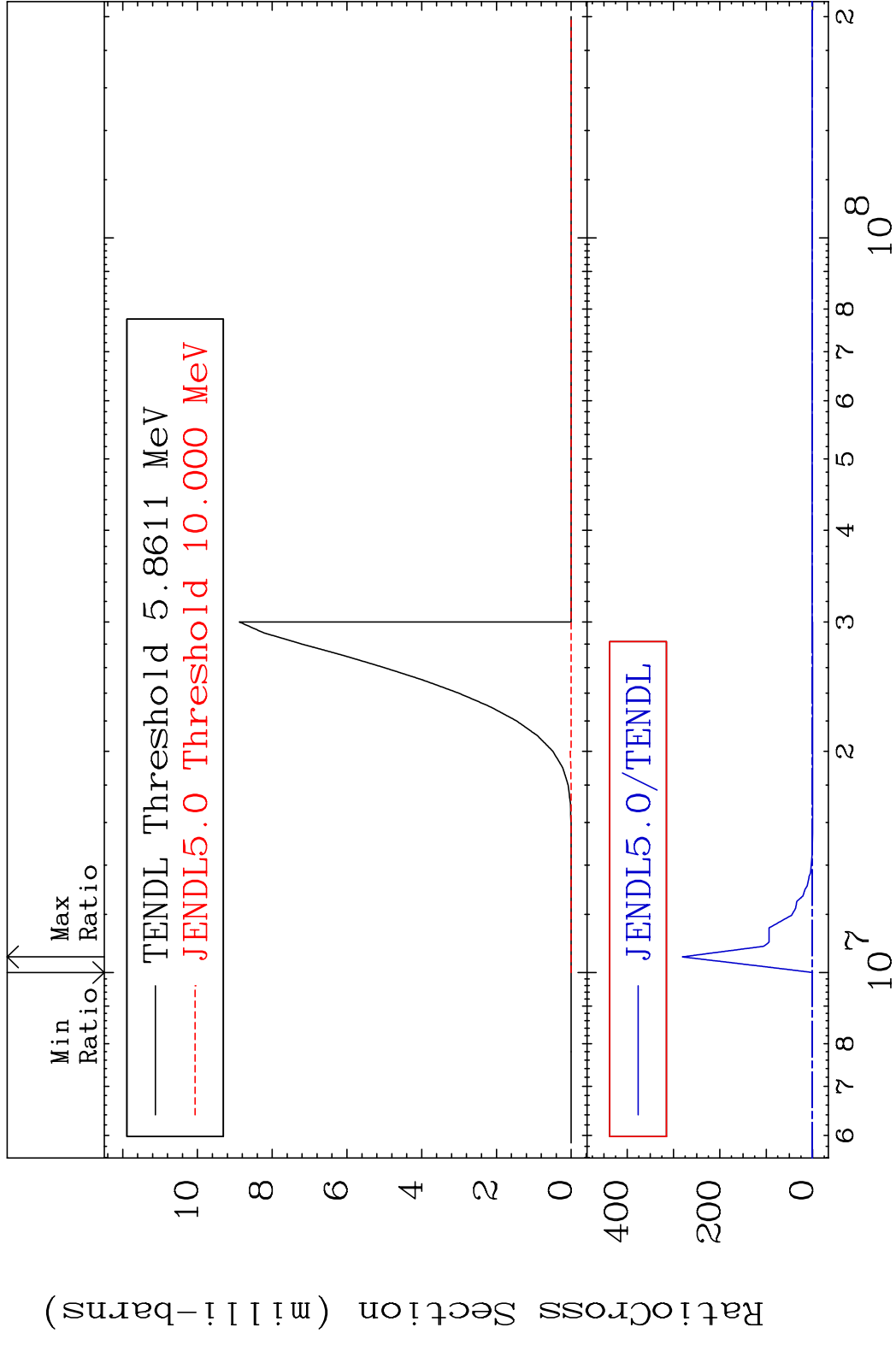
(n, t)

36-Kr-78

Cross Section -100.0 To 9999. %



MAT 3625 (n, He-3) 36-Kr-78  
 Cross Section -100.0 To 9999. %

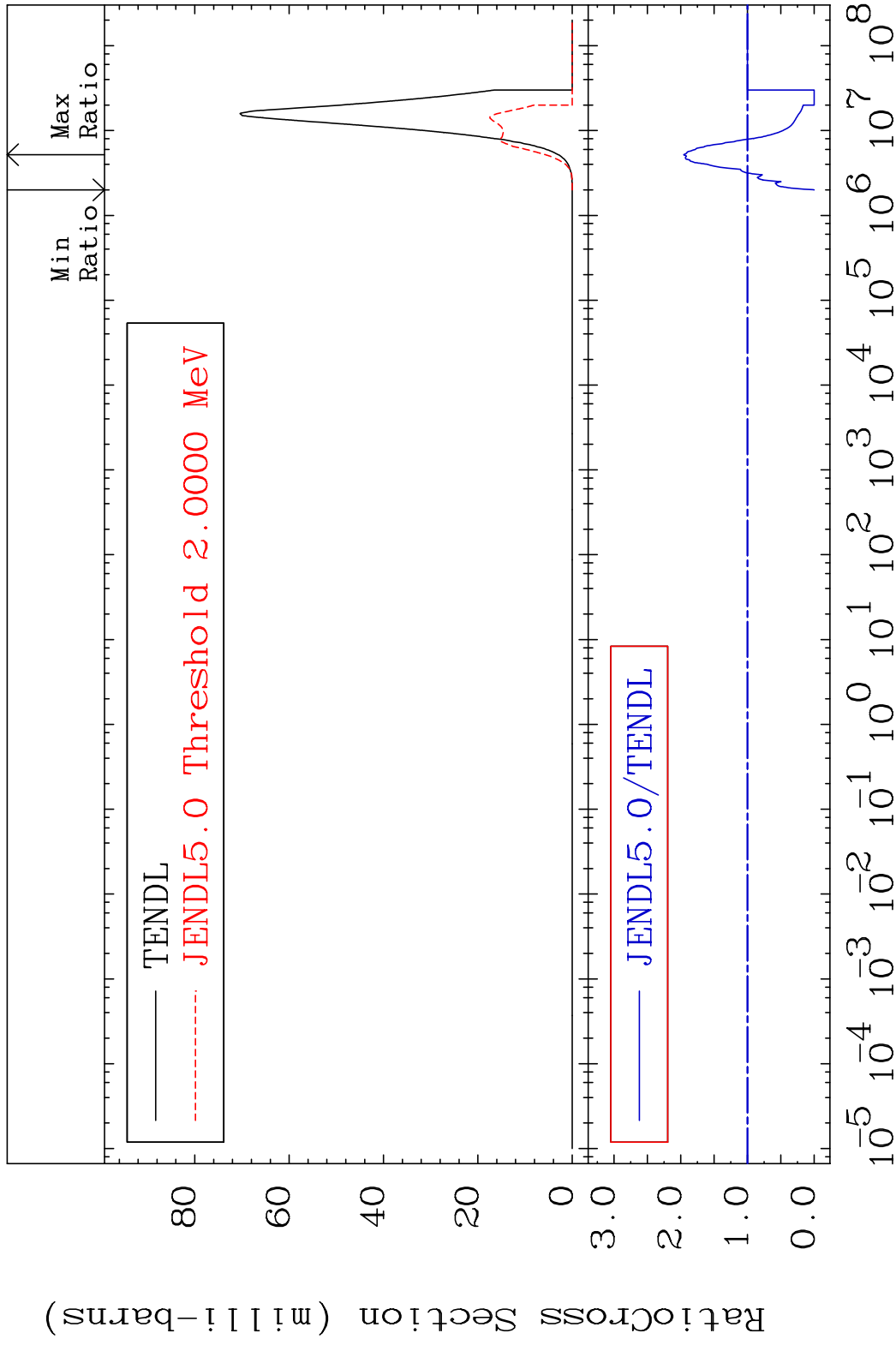


MAT 3625

(n,  $\alpha$ )

36-Kr-78

Cross Section -100.0 To 95.60 %



26

Incident Energy (eV)

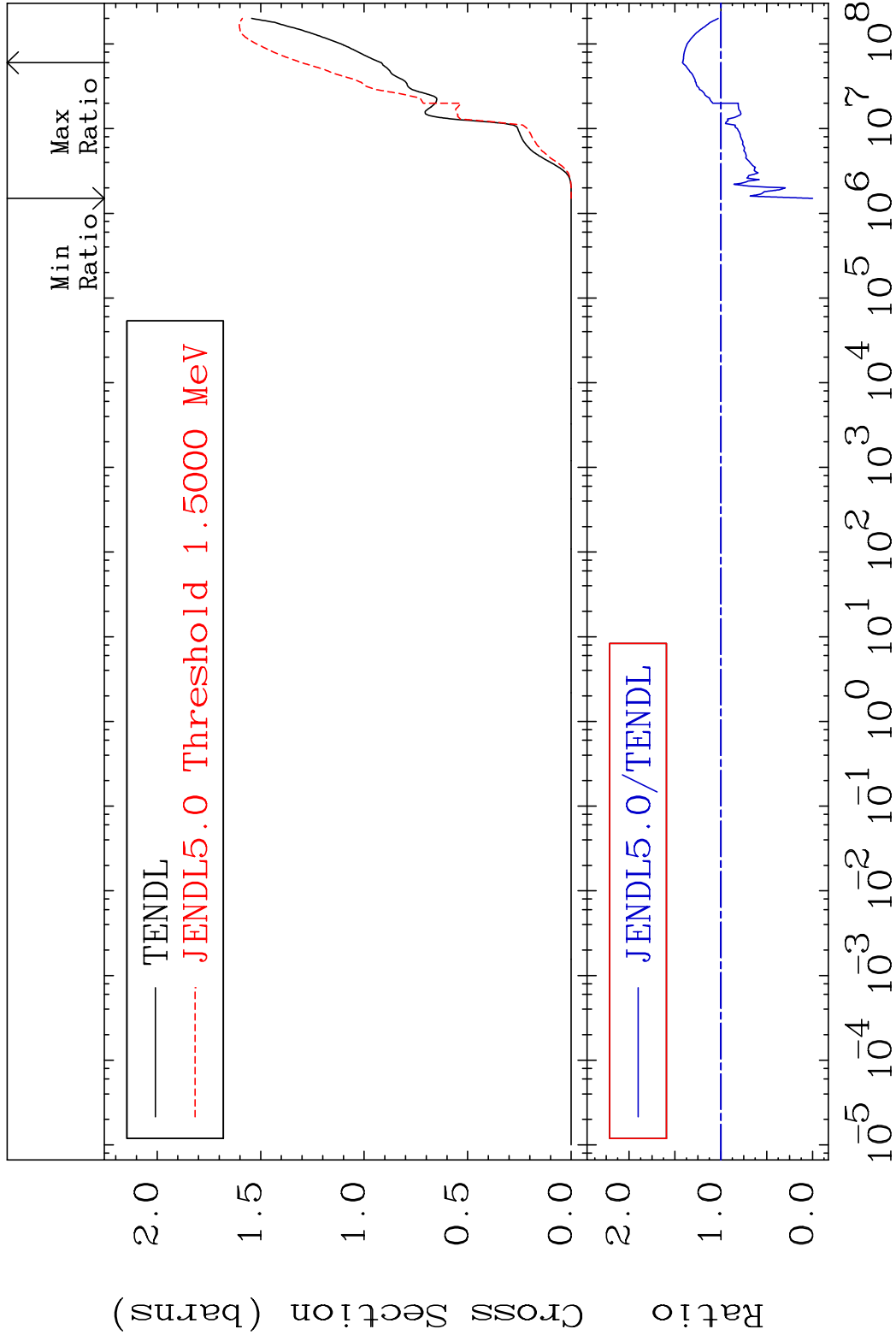
36-Kr-78

MAT 3625

Hydrogen Production

36-Kr-78

Cross Section -100.0 To 41.95 %



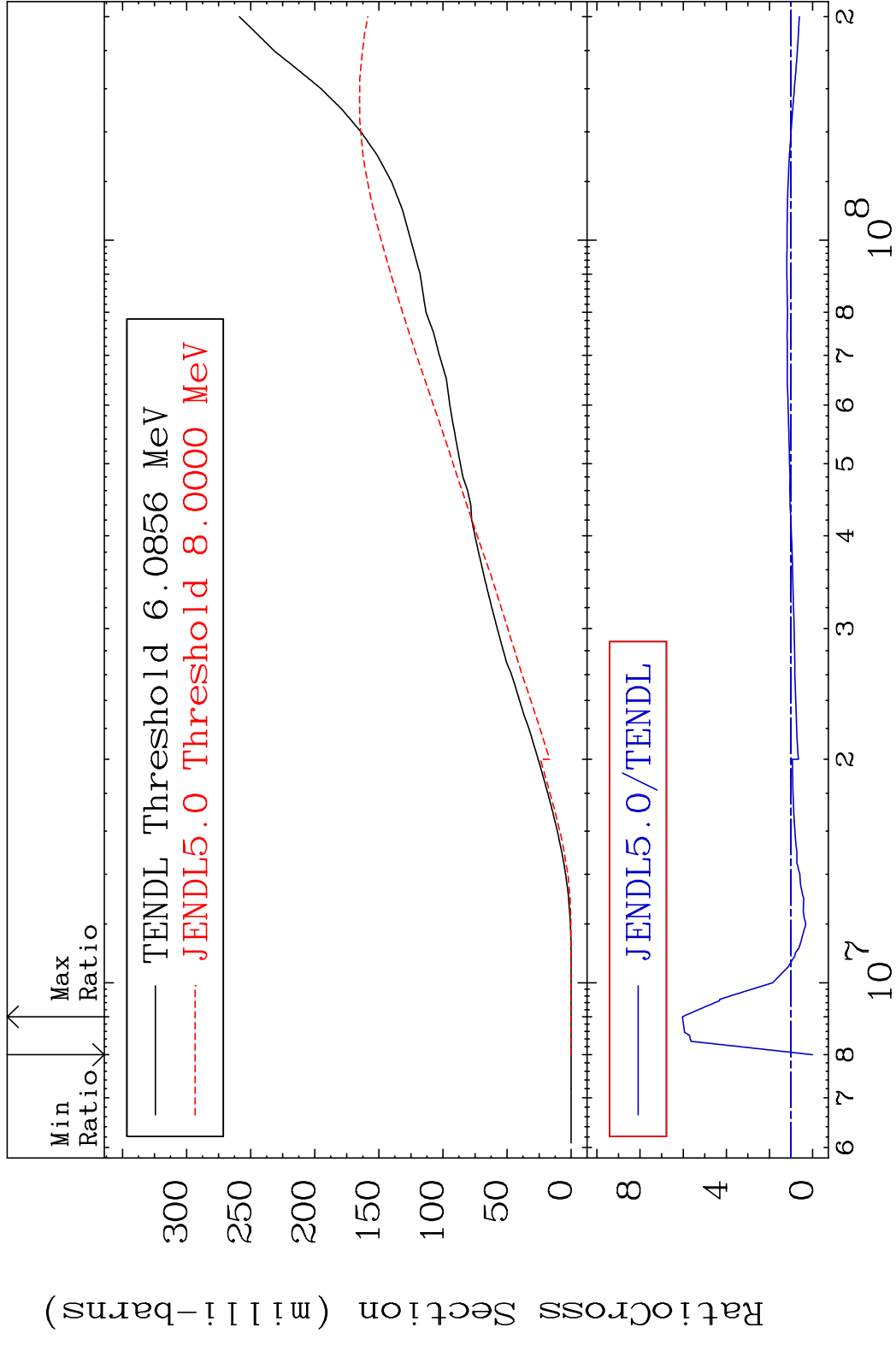
27

Incident Energy (eV)

36-Kr-78

MAT 3625

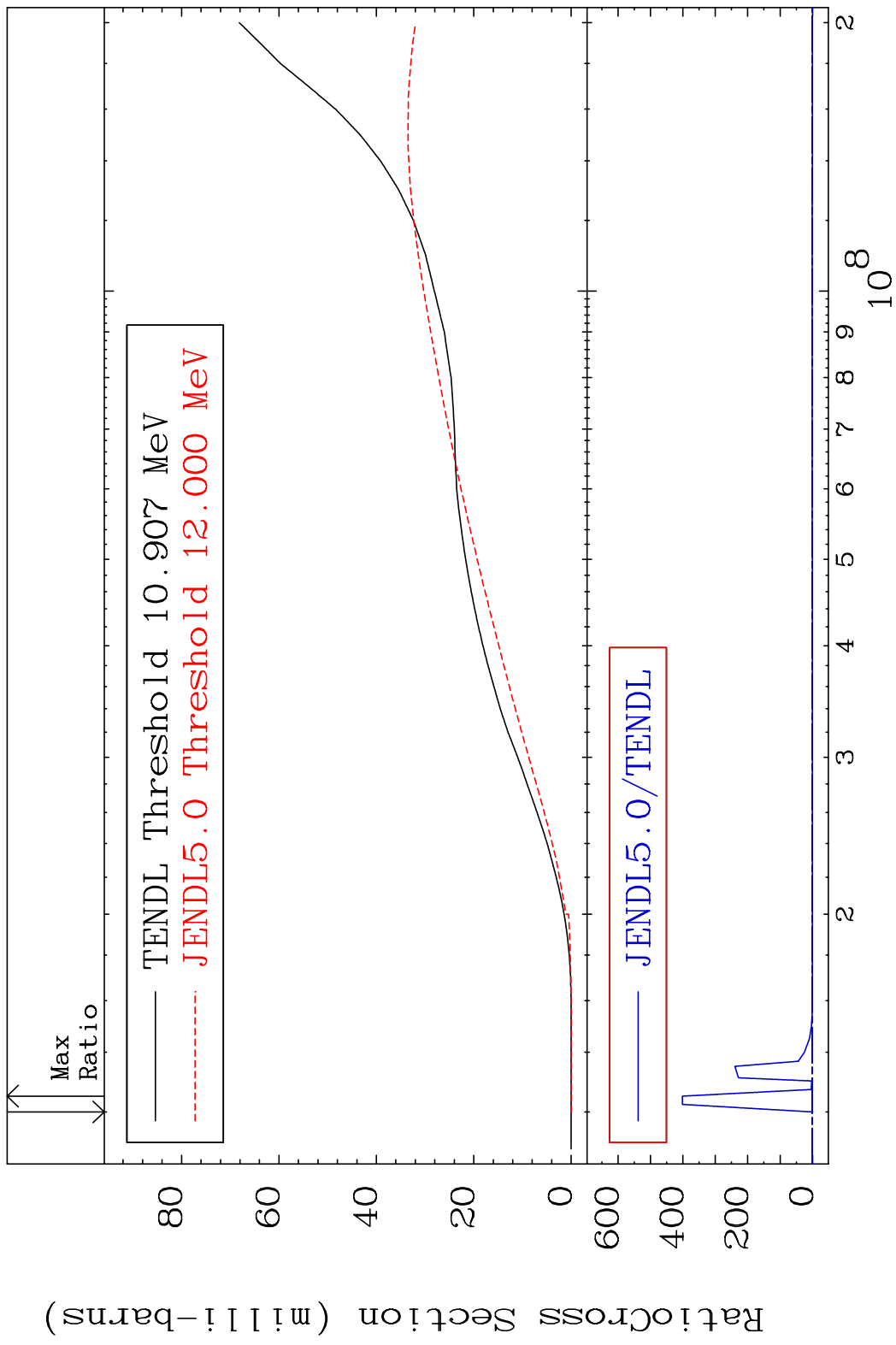
Deuterium Production 36-Kr-78  
Cross Section -100.0 To 503.9 %



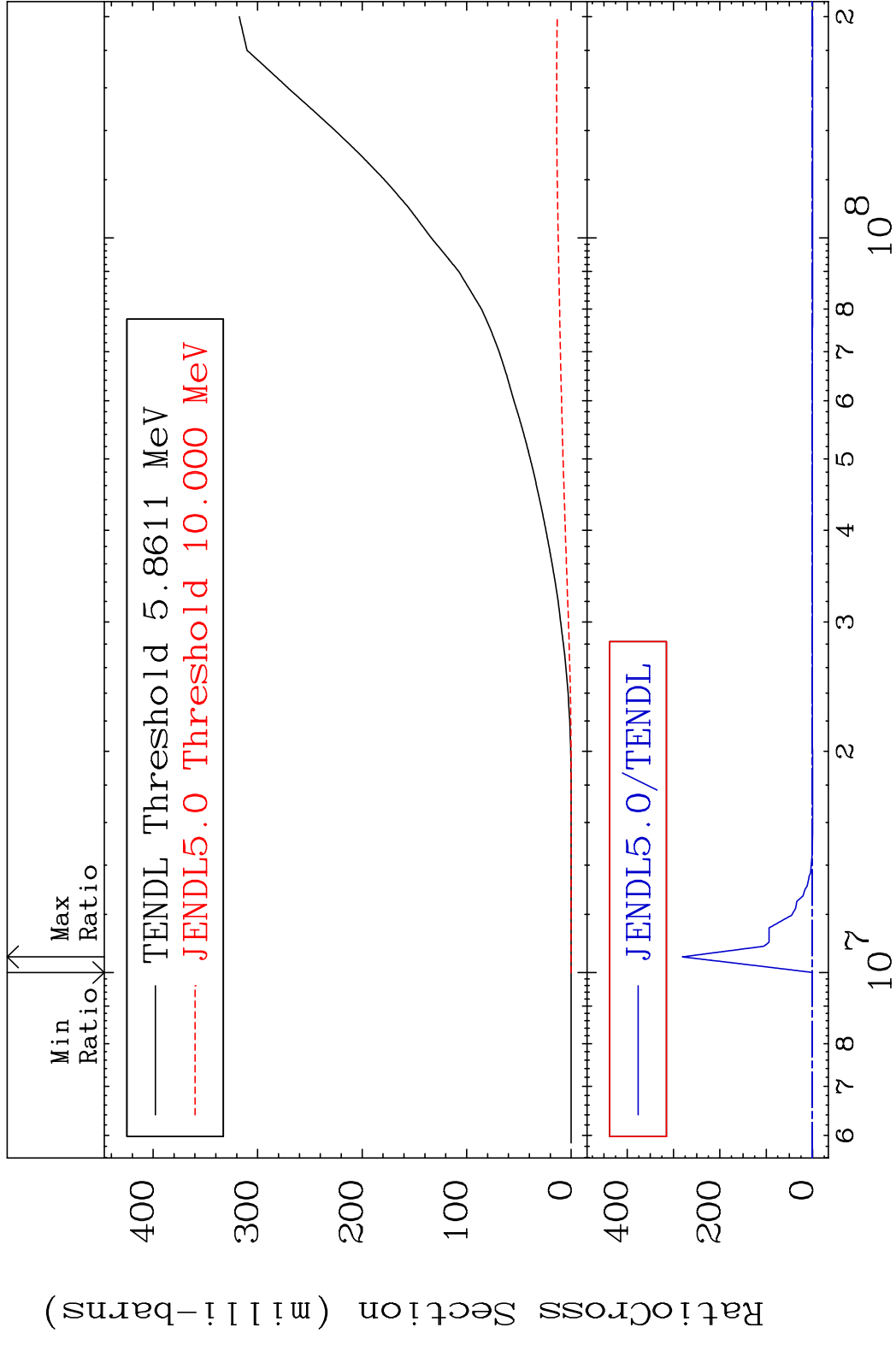
28

Incident Energy (eV) 36-Kr-78

MAT 3625 Tritium Production 36-Kr-78  
 Cross Section -100.0 To 9999. %



MAT 3625 He-3 Production 36-Kr-78  
 Cross Section -100.0 To 9999. %



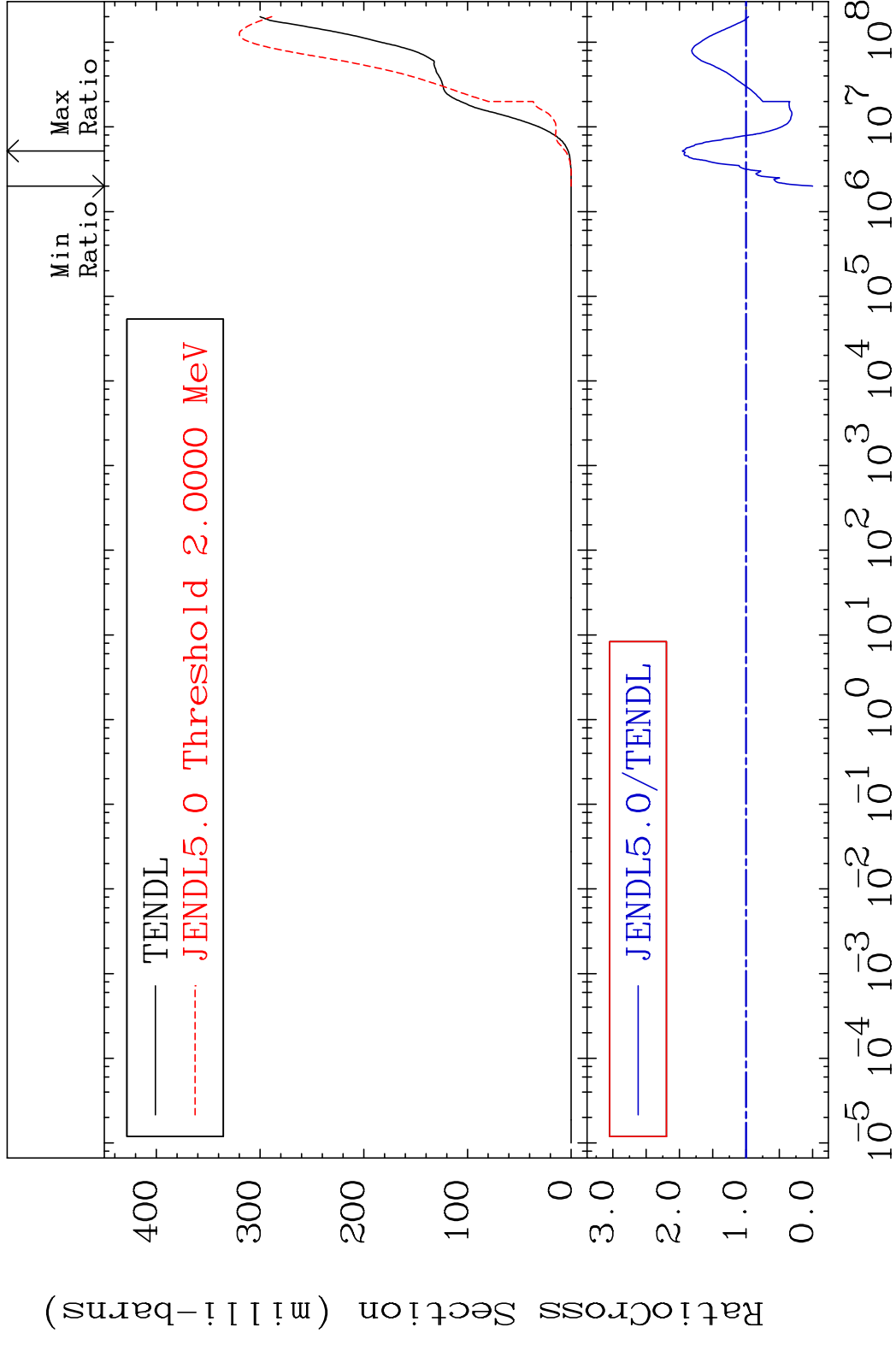
30 36-Kr-78

MAT 3625

He-4 Production

36-Kr-78

Cross Section -100.0 To 95.60 %



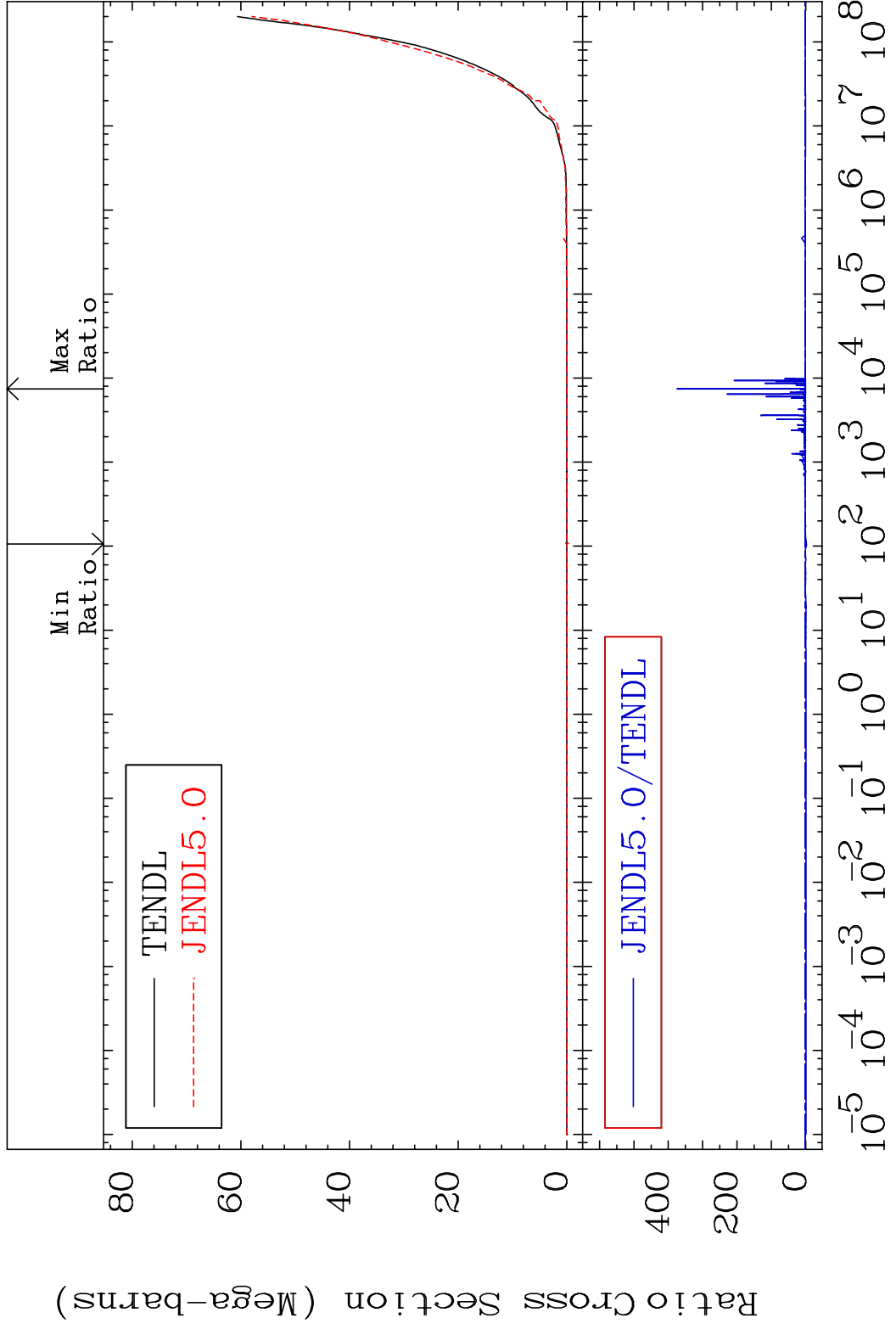
31

Incident Energy (eV)

36-Kr-78



MAT 3625 Kerma total (eV-barns) 36-Kr-78  
Cross Section -287.5 To 9999. %



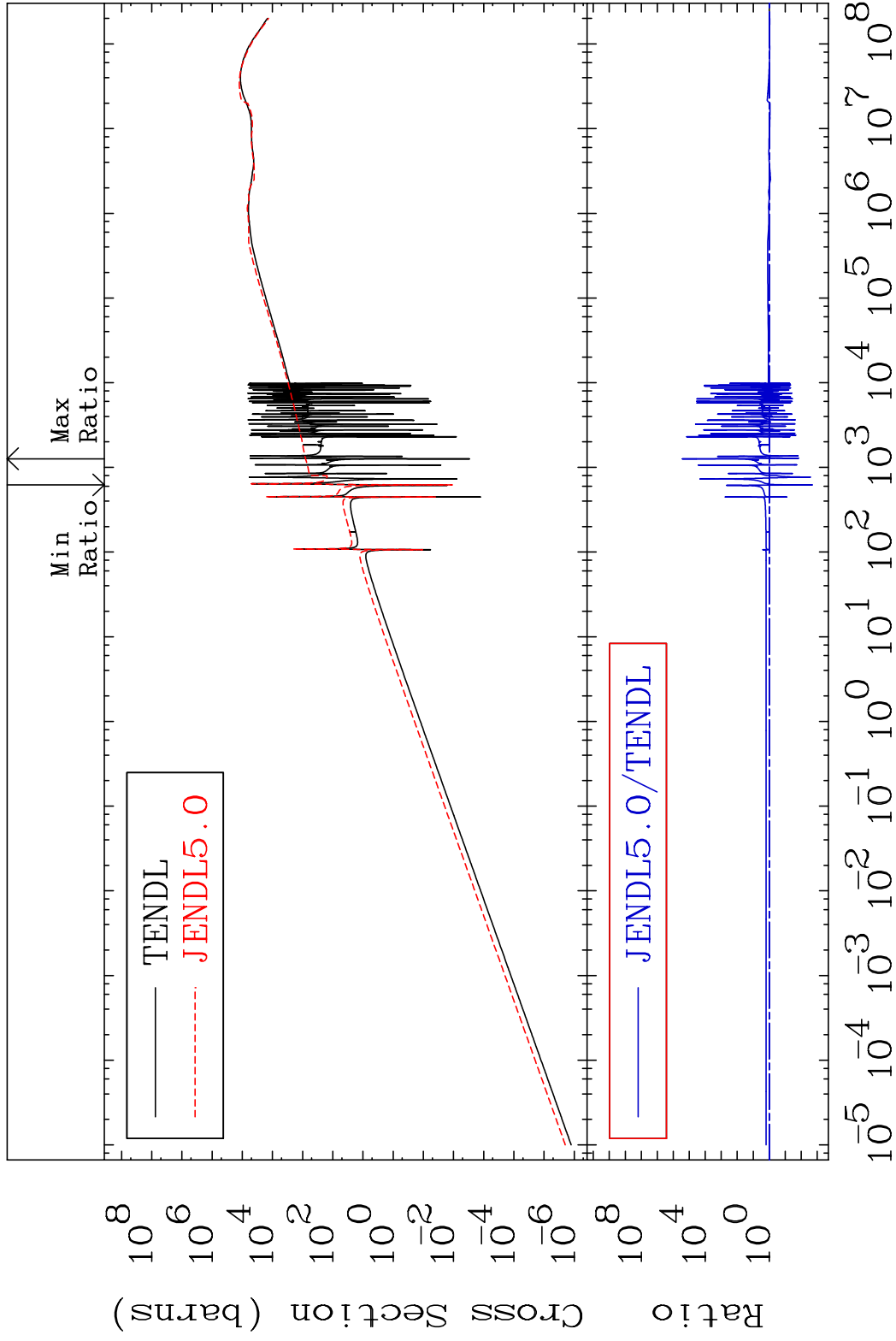
32 Incident Energy (eV) 36-Kr-78

MAT 3625

Kerma elastic

36-Kr-78

Cross Section -99.81 To 9999. %

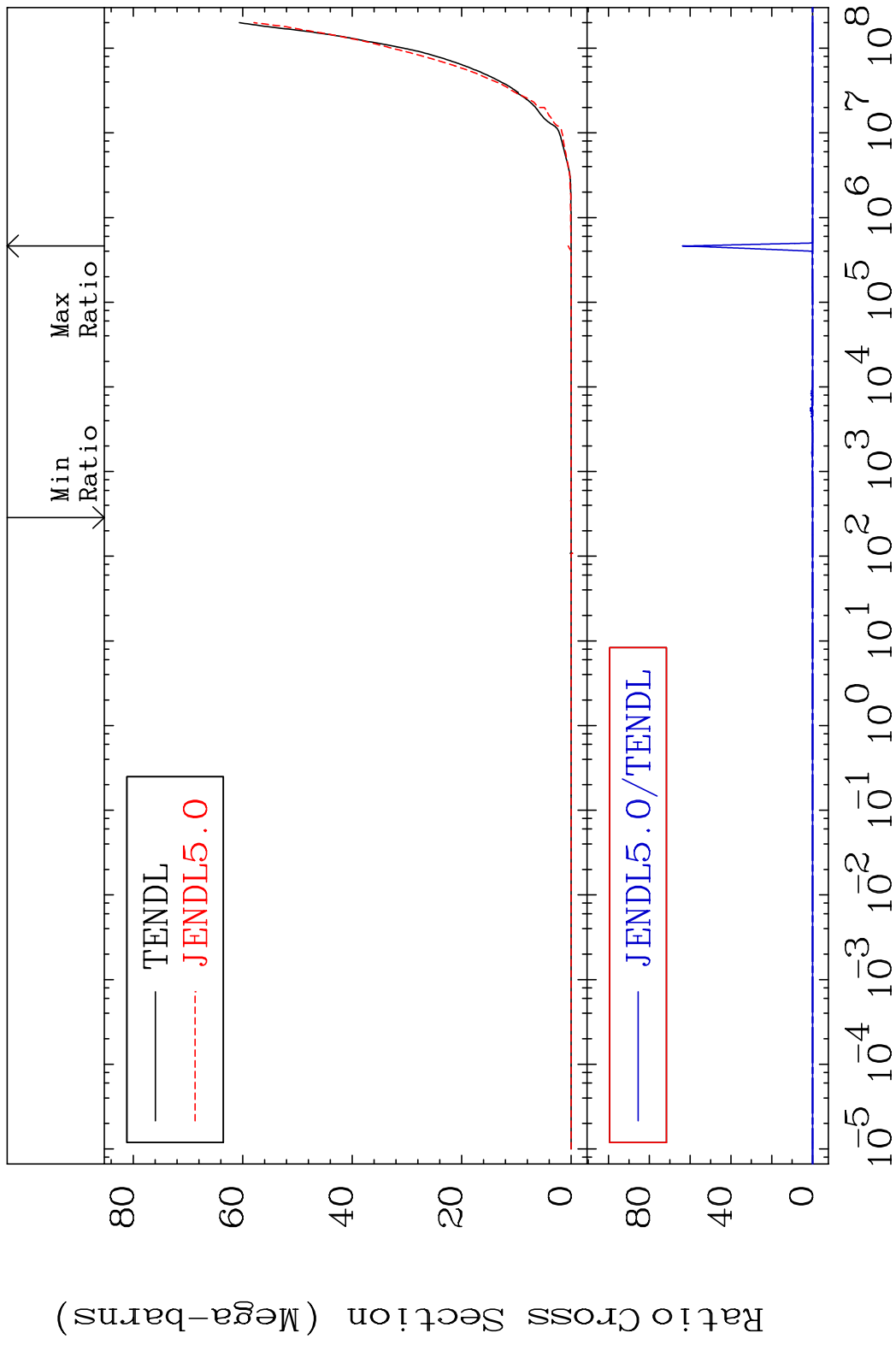


33

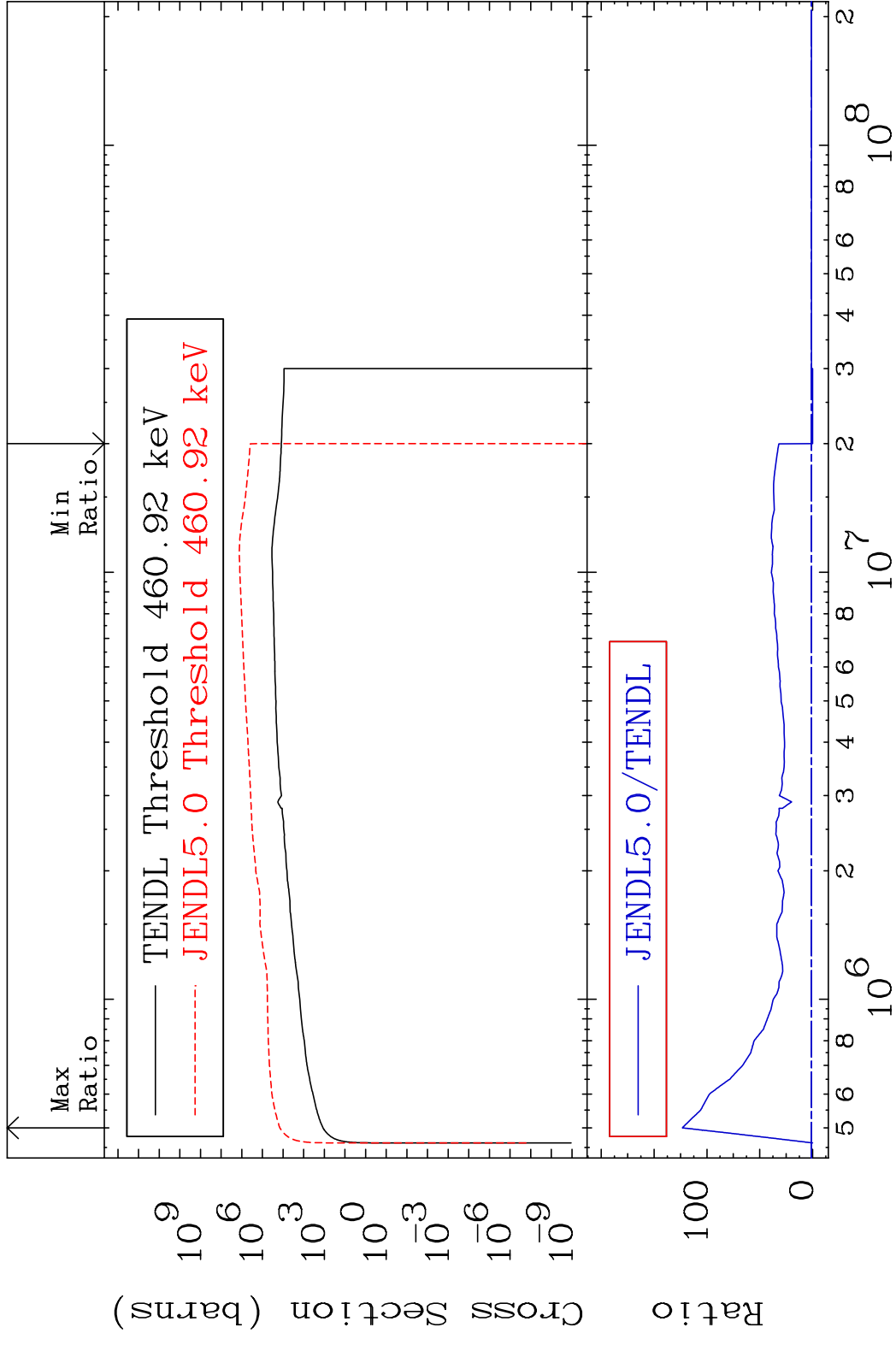
Incident Energy (eV)

36-Kr-78

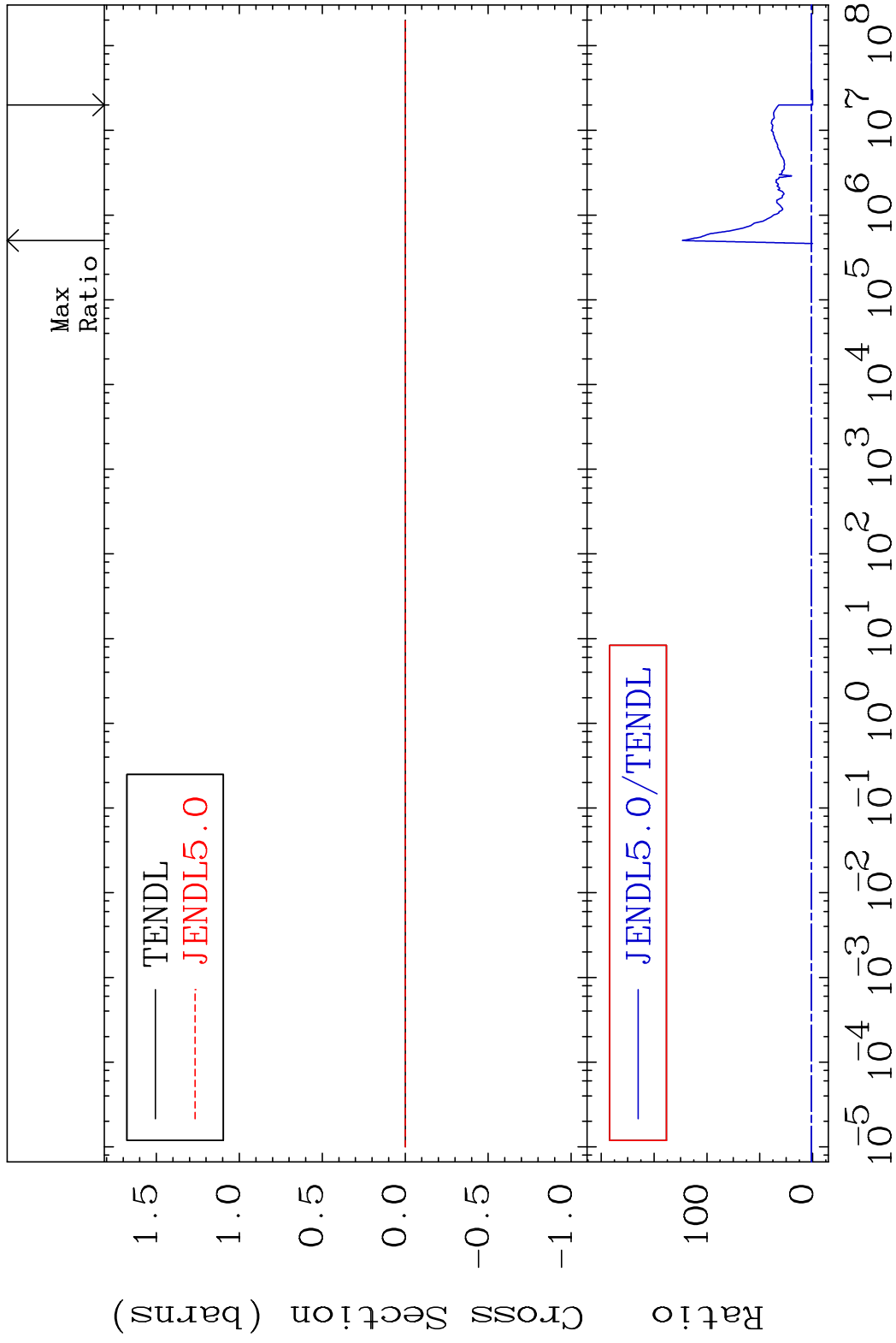
MAT 3625 Kerma non-elastic (all but mt2) 36-Kr-78  
 Cross Section -431.2 To 9999. %



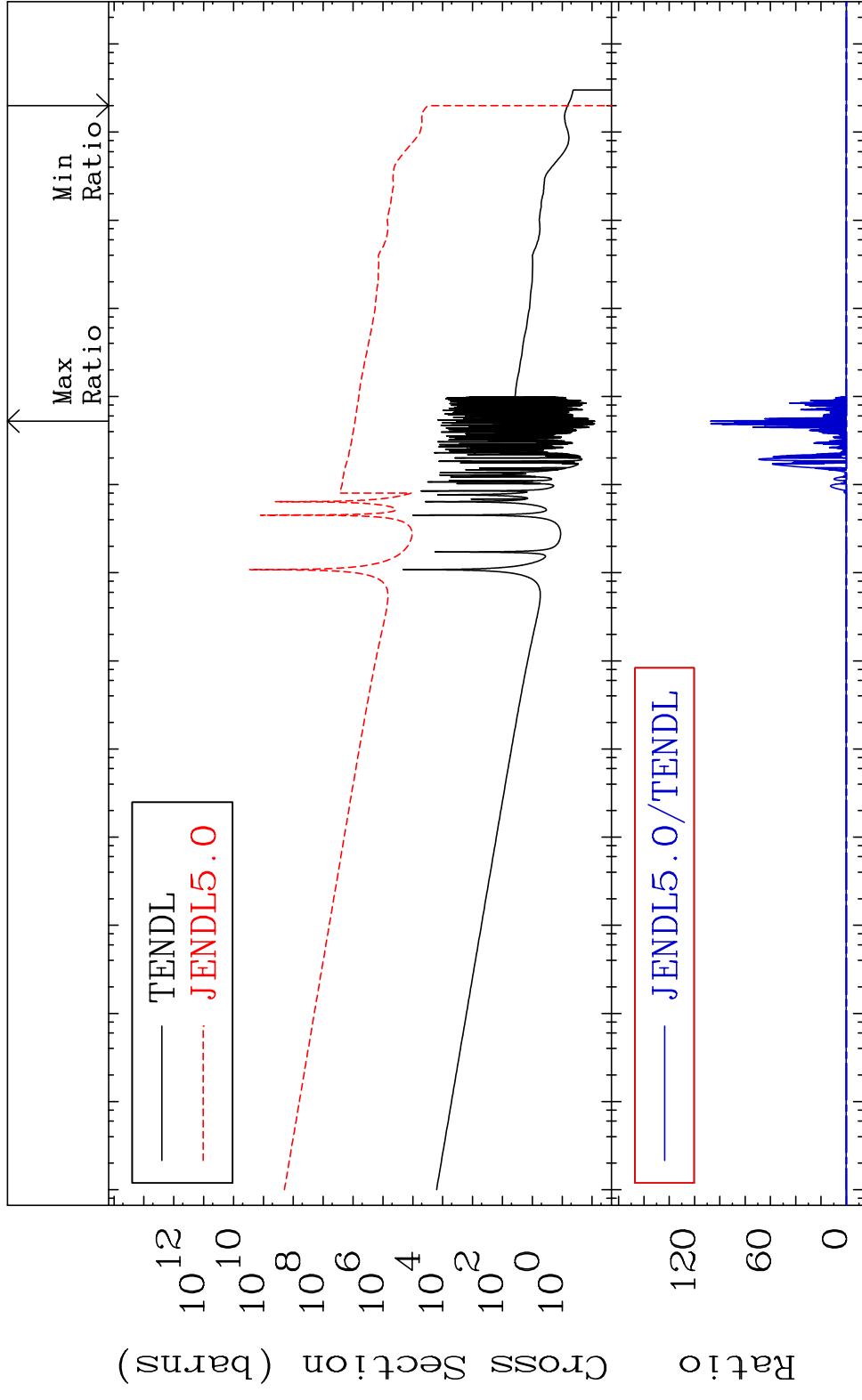
MAT 3625 Kerma inelastic (mt51-91) 36-Kr-78  
 Cross Section -100.0 To 9999. %



MAT 3625 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-78  
 Cross Section -100.0 To 9999. %

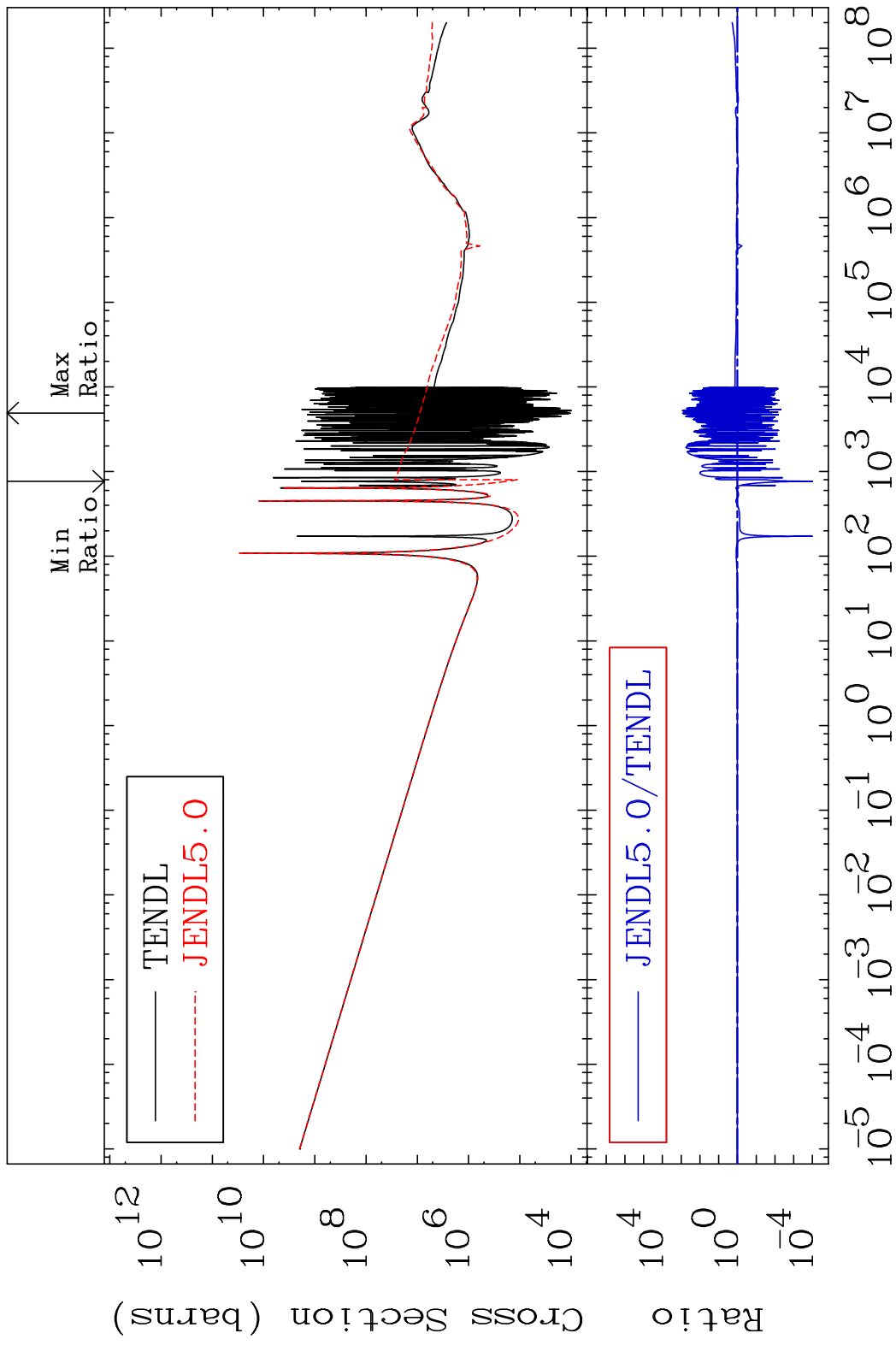


MAT 3625 Kerma capture (mt102) 36-Kr-78  
 Cross Section -100.0 To 9999. %



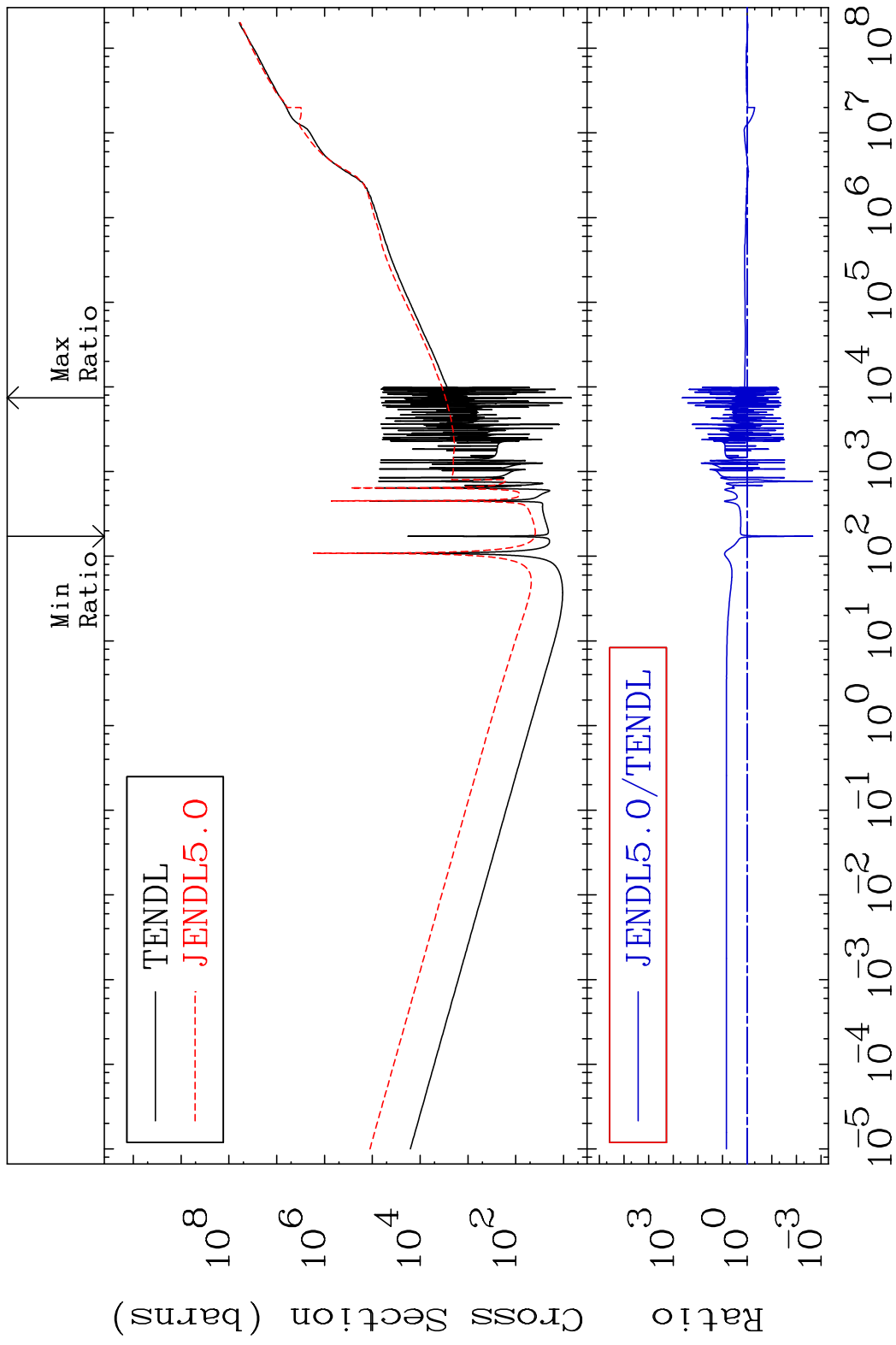
37 Incident Energy (eV) 36-Kr-78

MAT 3625 Total photon (eV-barns) 36-Kr-78  
Cross Section -99.99 To 9999. %



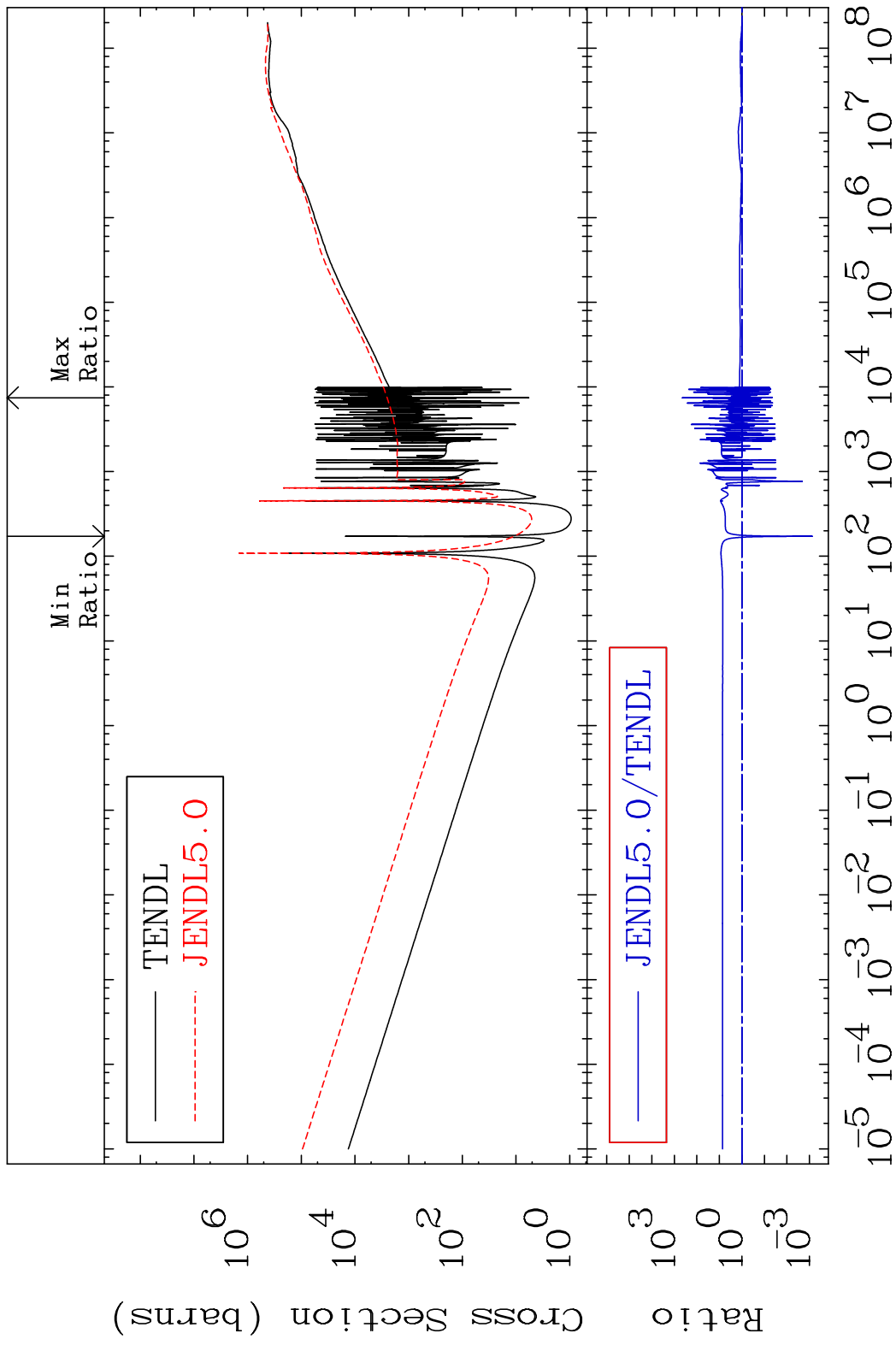
38 Incident Energy (eV) 36-Kr-78

MAT 3625 Total kinematic kerma (high limit) 36-Kr-78  
Cross Section -99.78 To 9999. %





MAT 3625      Dpa total (eV-barns)      36-Kr-78  
Cross Section      -99.93 To 9999. %



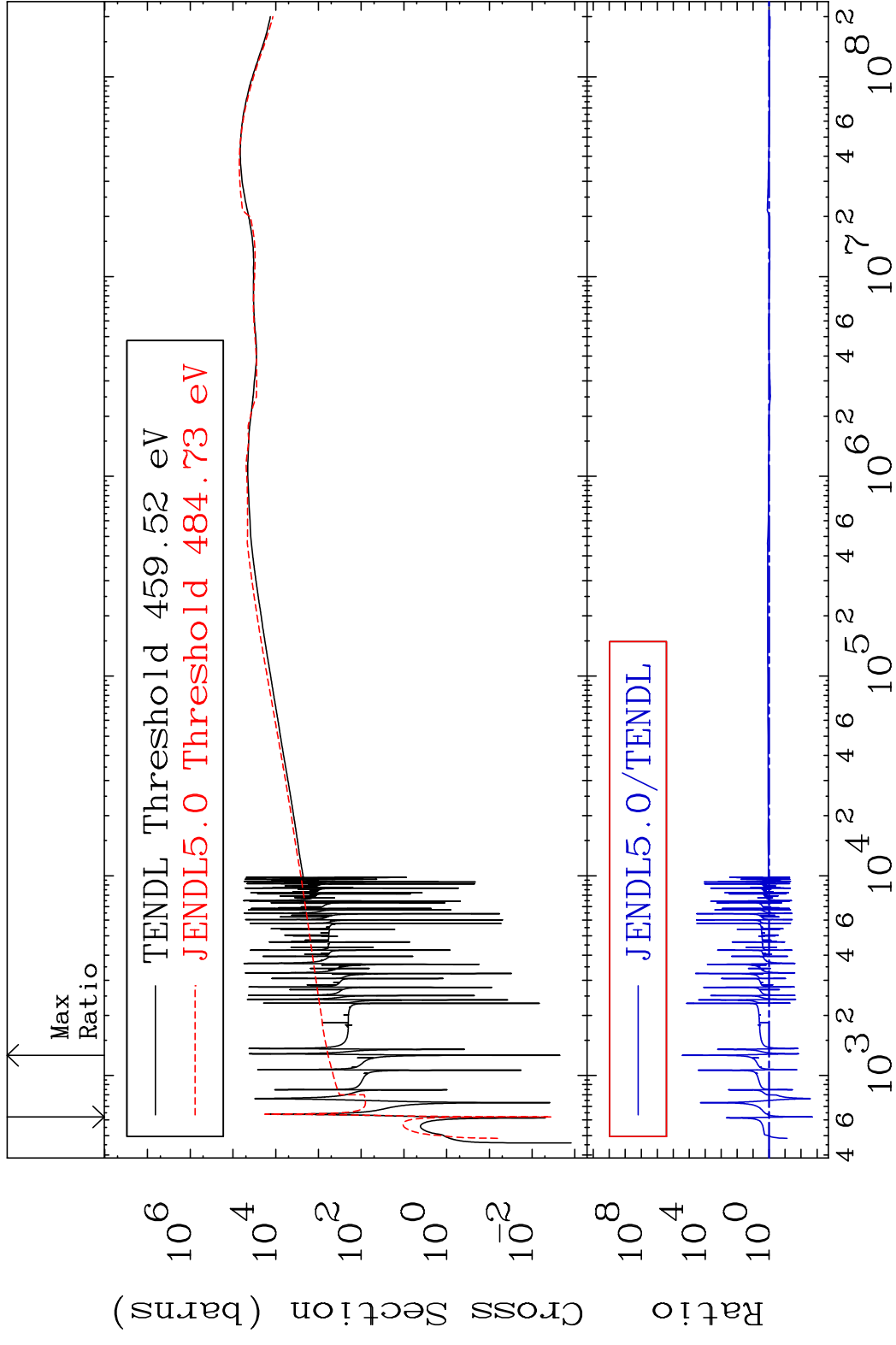
40      Incident Energy (eV)      36-Kr-78

MAT 3625

Dpa elastic (mt2)

36-Kr-78

Cross Section -99.81 To 9999. %



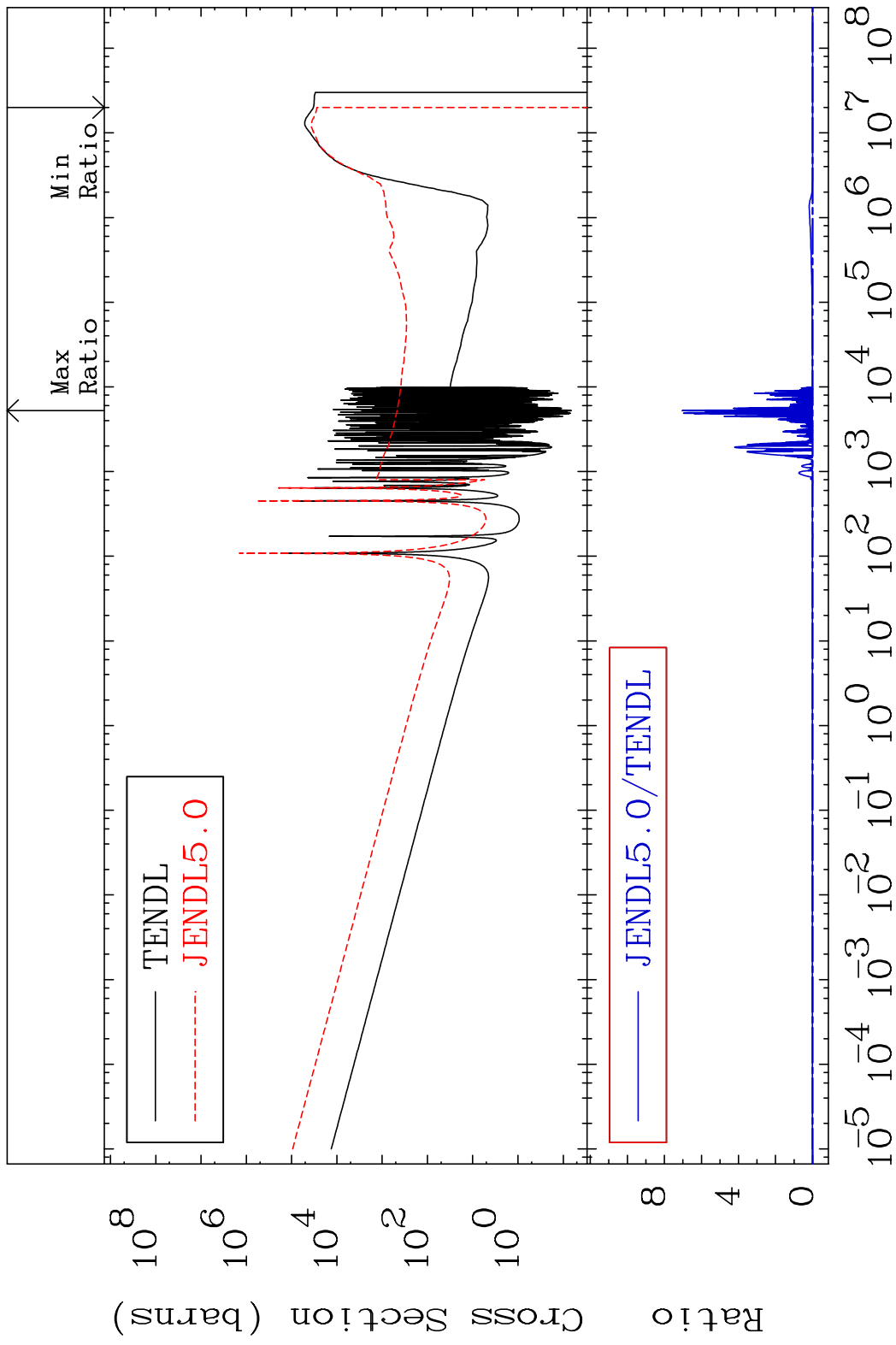
41

Incident Energy (eV)

36-Kr-78



MAT 3625 Dpa disappearance (mt102 -120) 36-Kr-78  
Cross Section -100.0 To 9999. %

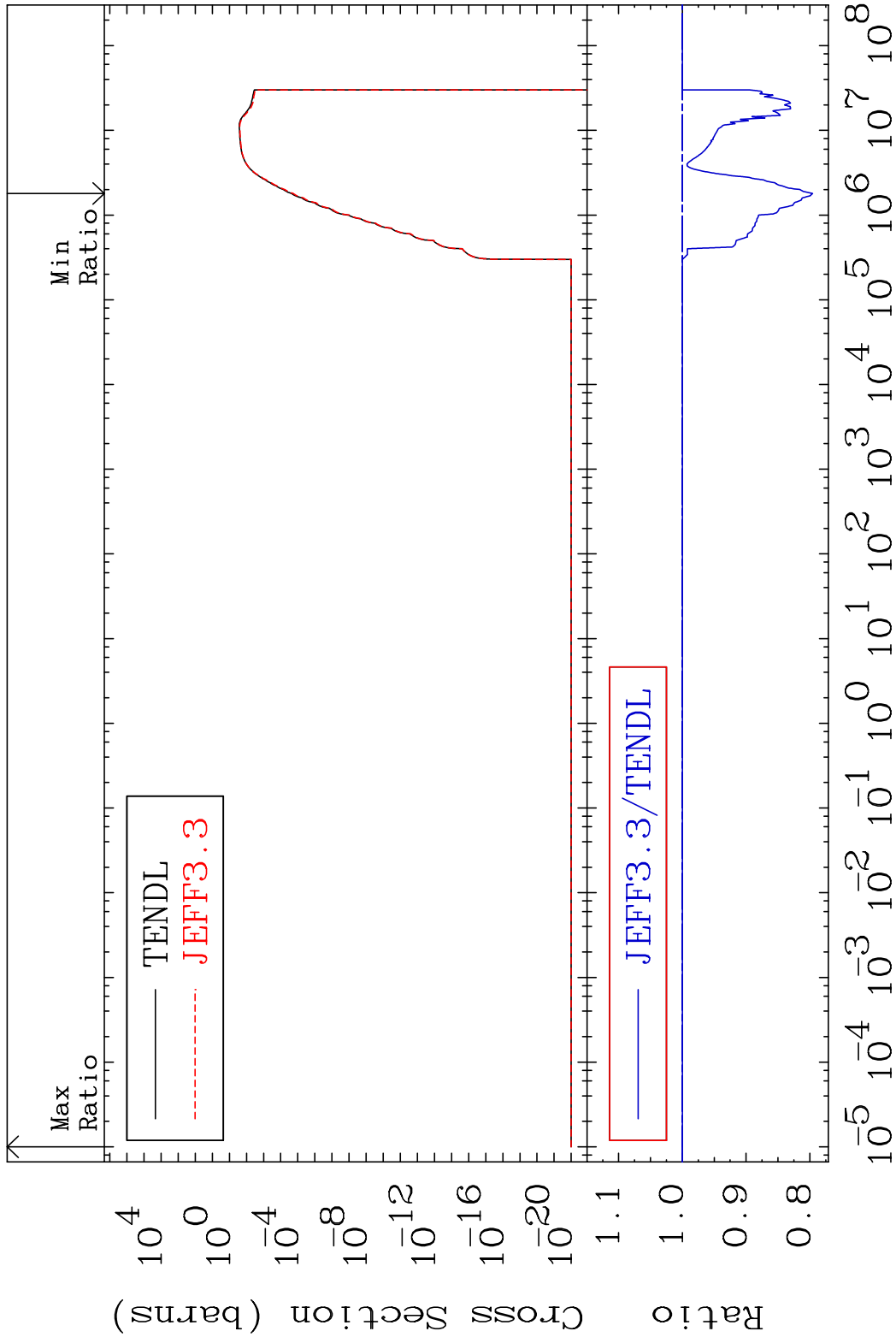


MAT 3625

(n, p)

36-Kr-78

Cross Section -20.43 To 0.000 %

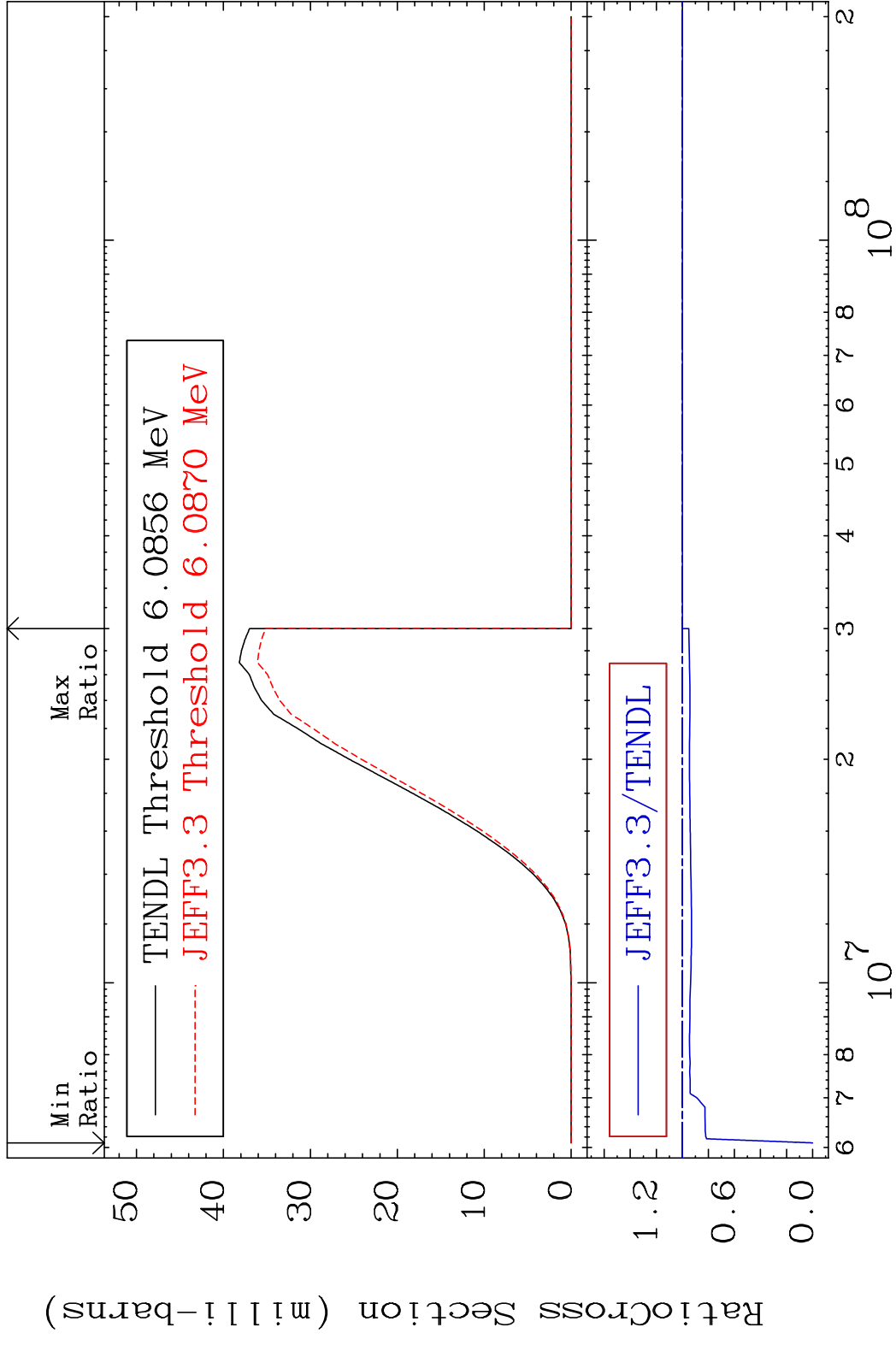


44

Incident Energy (eV)

36-Kr-78

MAT 3625 (n,d) 36-Kr-78  
 Cross Section -100.0 To 0.000 %



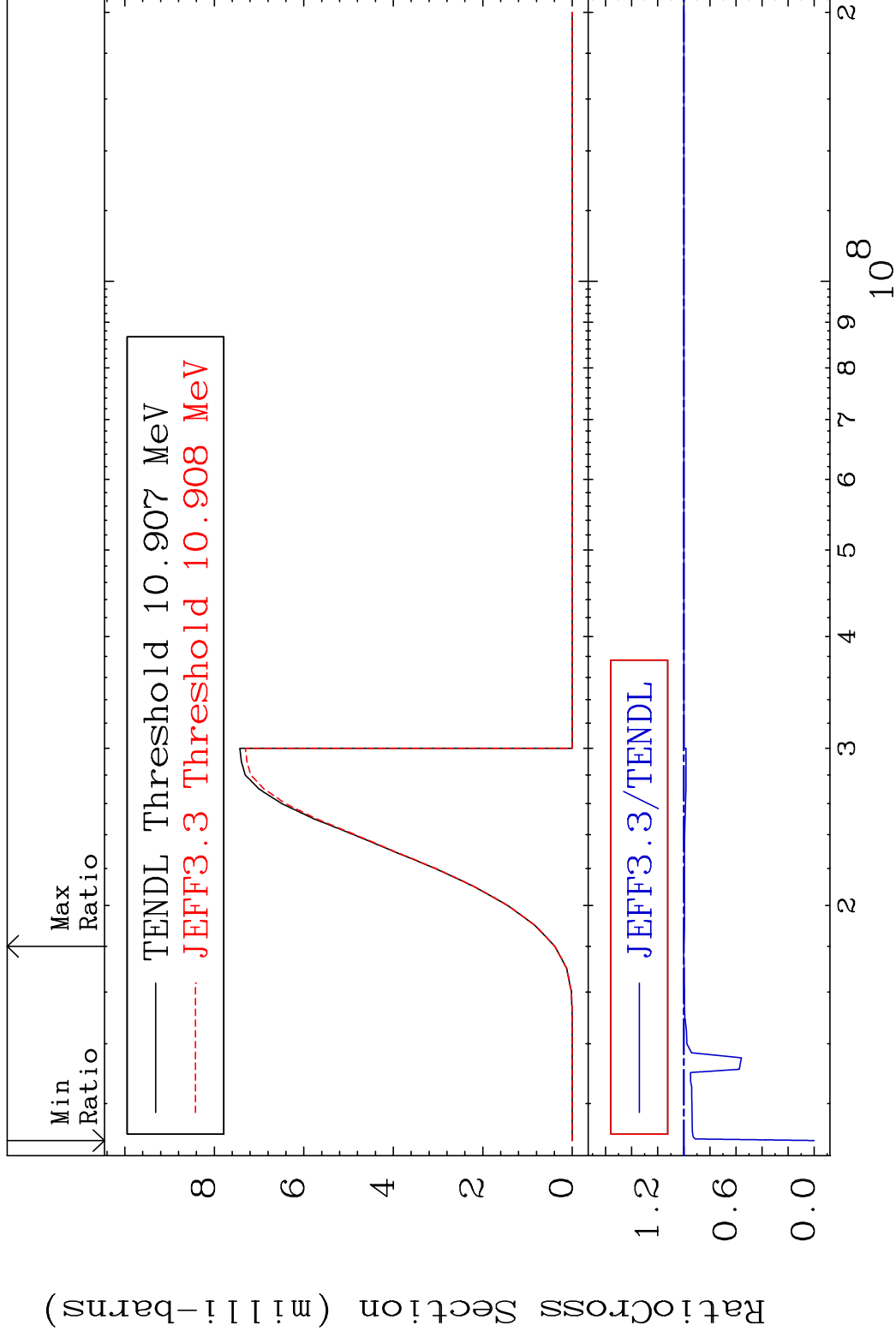
45 36-Kr-78

MAT 3625

(n, t)

36-Kr-78

Cross Section -100.0 To 0.120 %

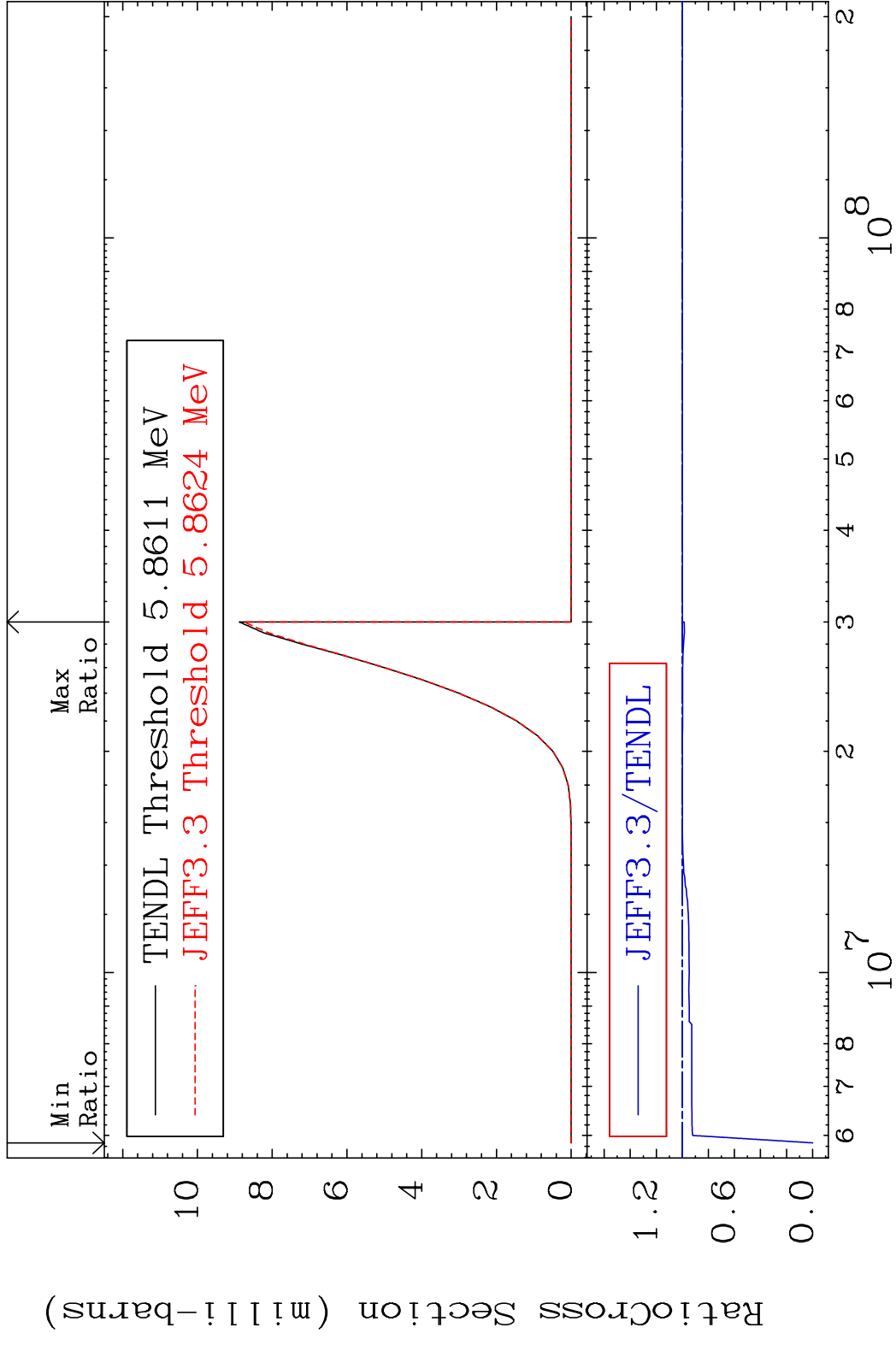


46

Incident Energy (eV)

36-Kr-78

MAT 3625 (n, He-3) 36-Kr-78  
 Cross Section -100.0 To 0.000 %



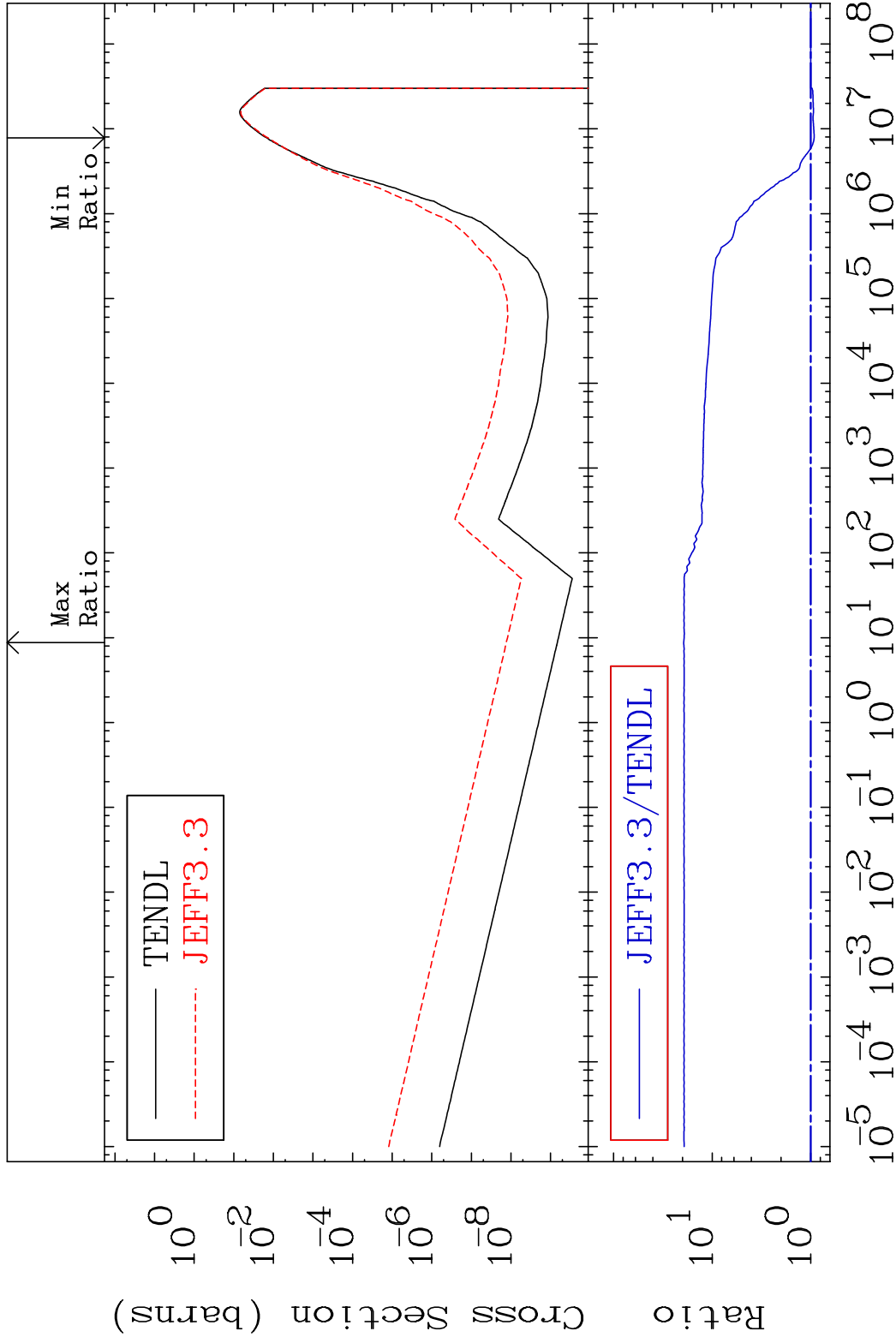


MAT 3625

(n,  $\alpha$ )

36-Kr-78

Cross Section -7.397 To 1846. %



48

Incident Energy (eV)

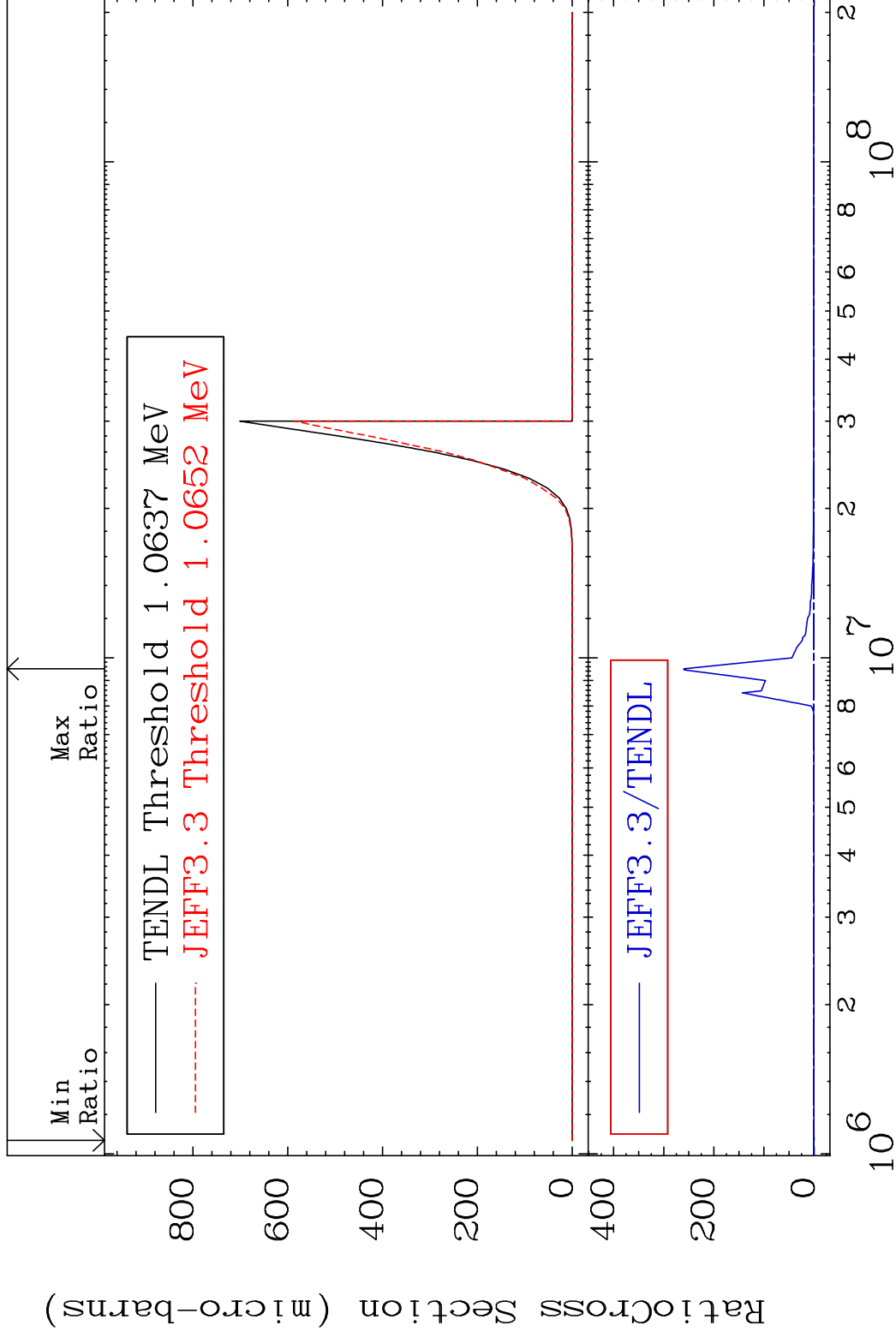
36-Kr-78

MAT 3625

(n, 2α)

36-Kr-78

Cross Section -100.0 To 9999. %



49

Incident Energy (eV)

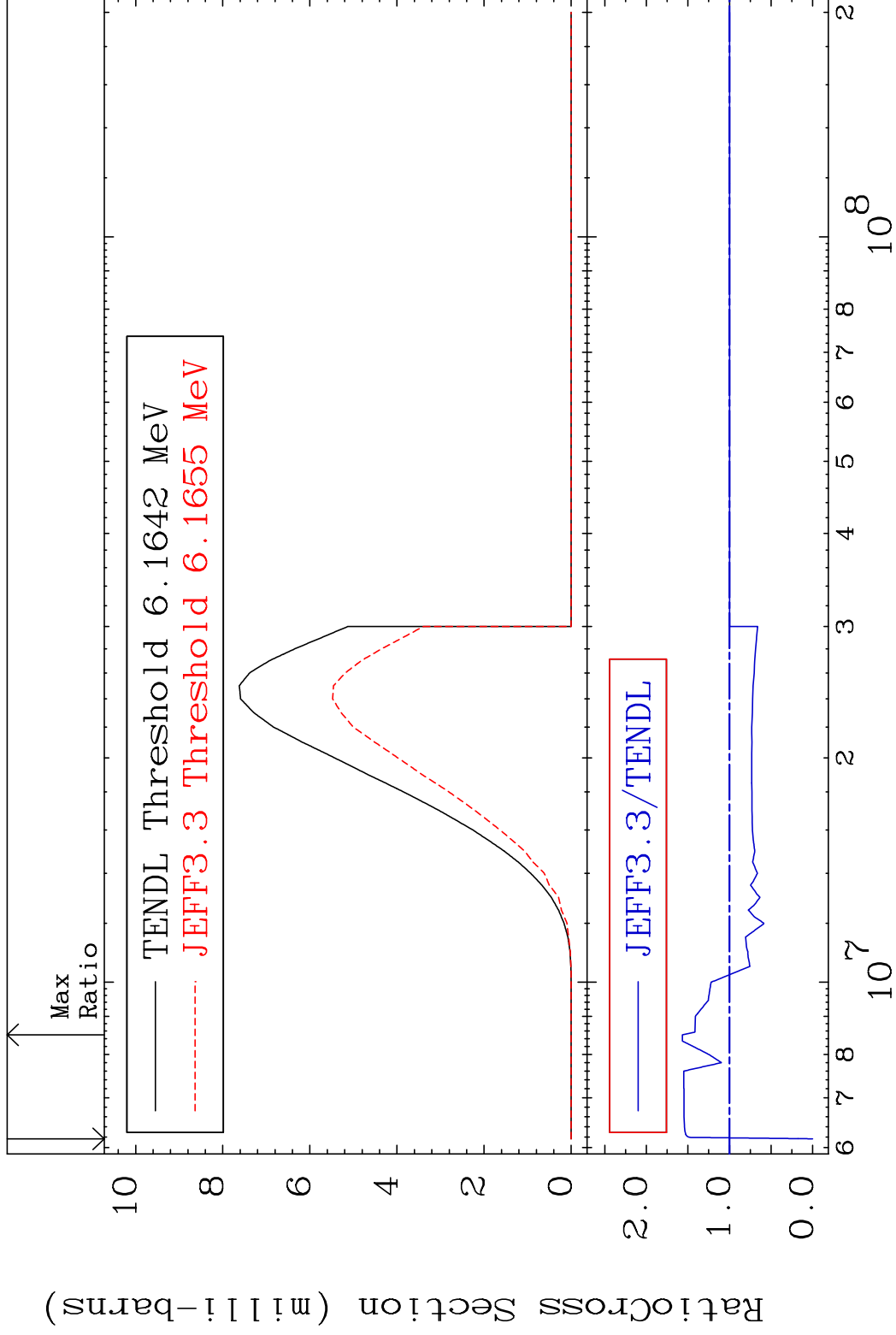
36-Kr-78

MAT 3625

(n,2p)

36-Kr-78

Cross Section -100.0 To 56.74 %

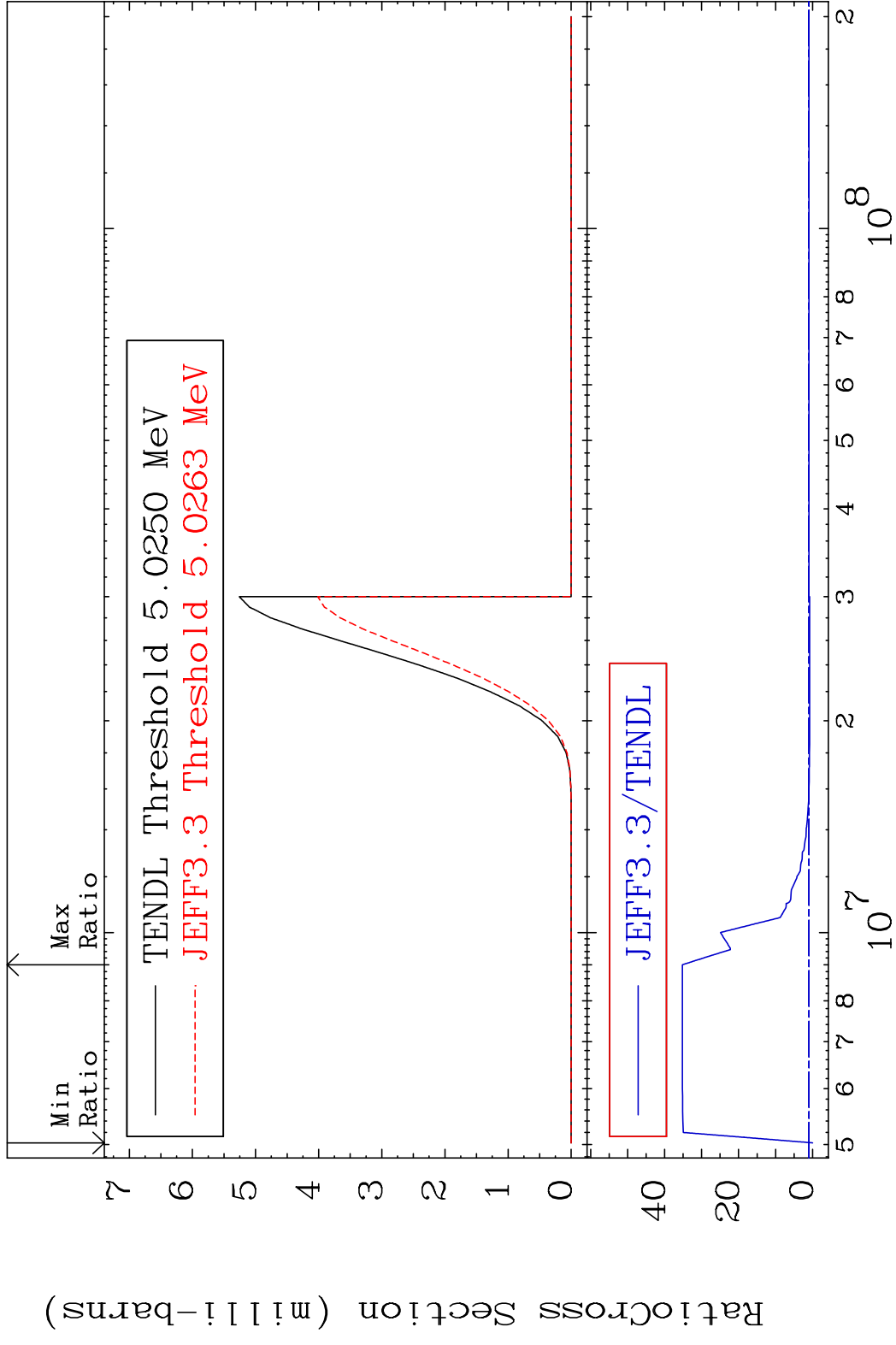


50

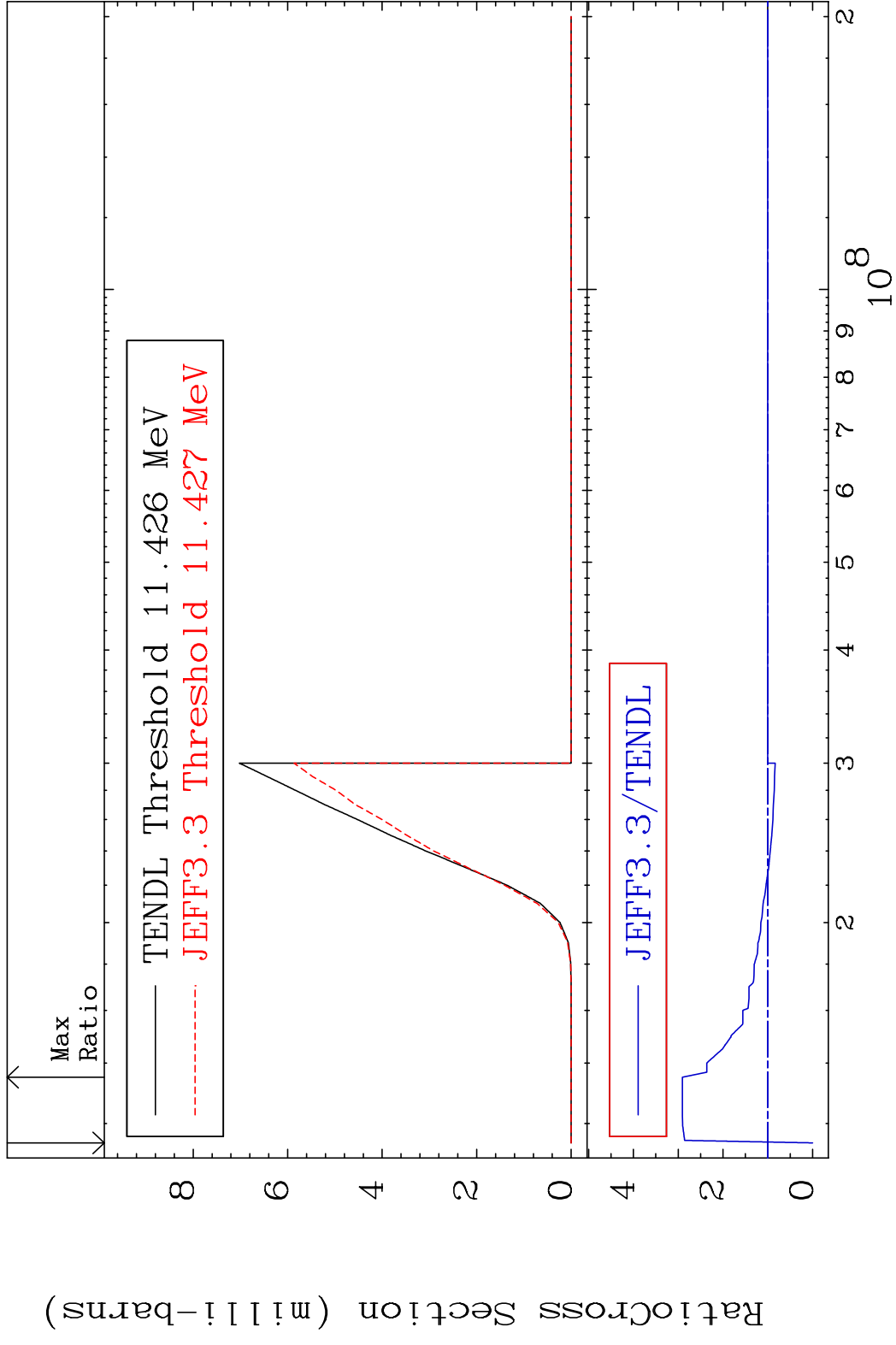
Incident Energy (eV)

36-Kr-78

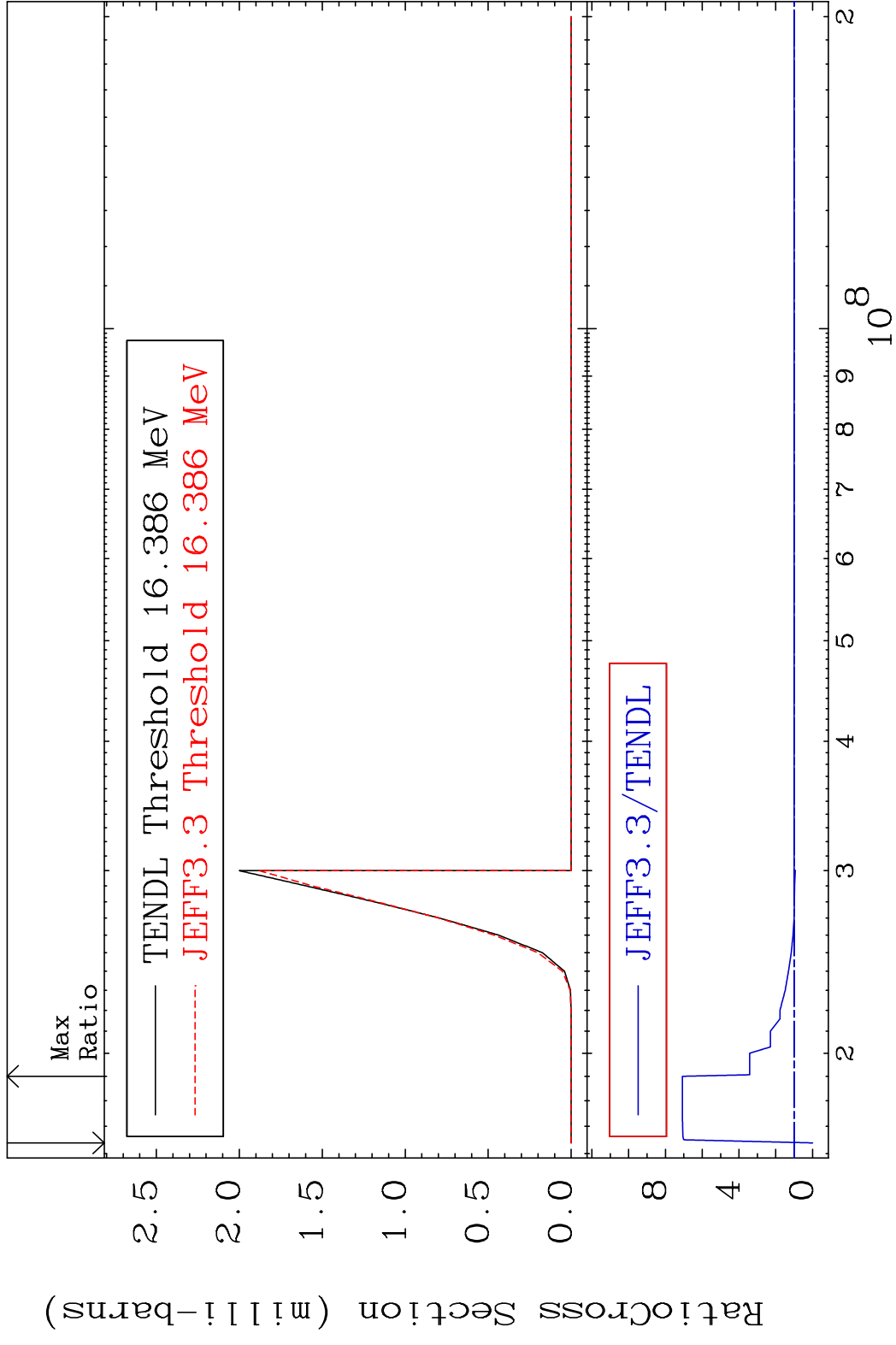
MAT 3625 (n,p)  $\alpha$  36-Kr-78  
 Cross Section -100.0 To 3420. %



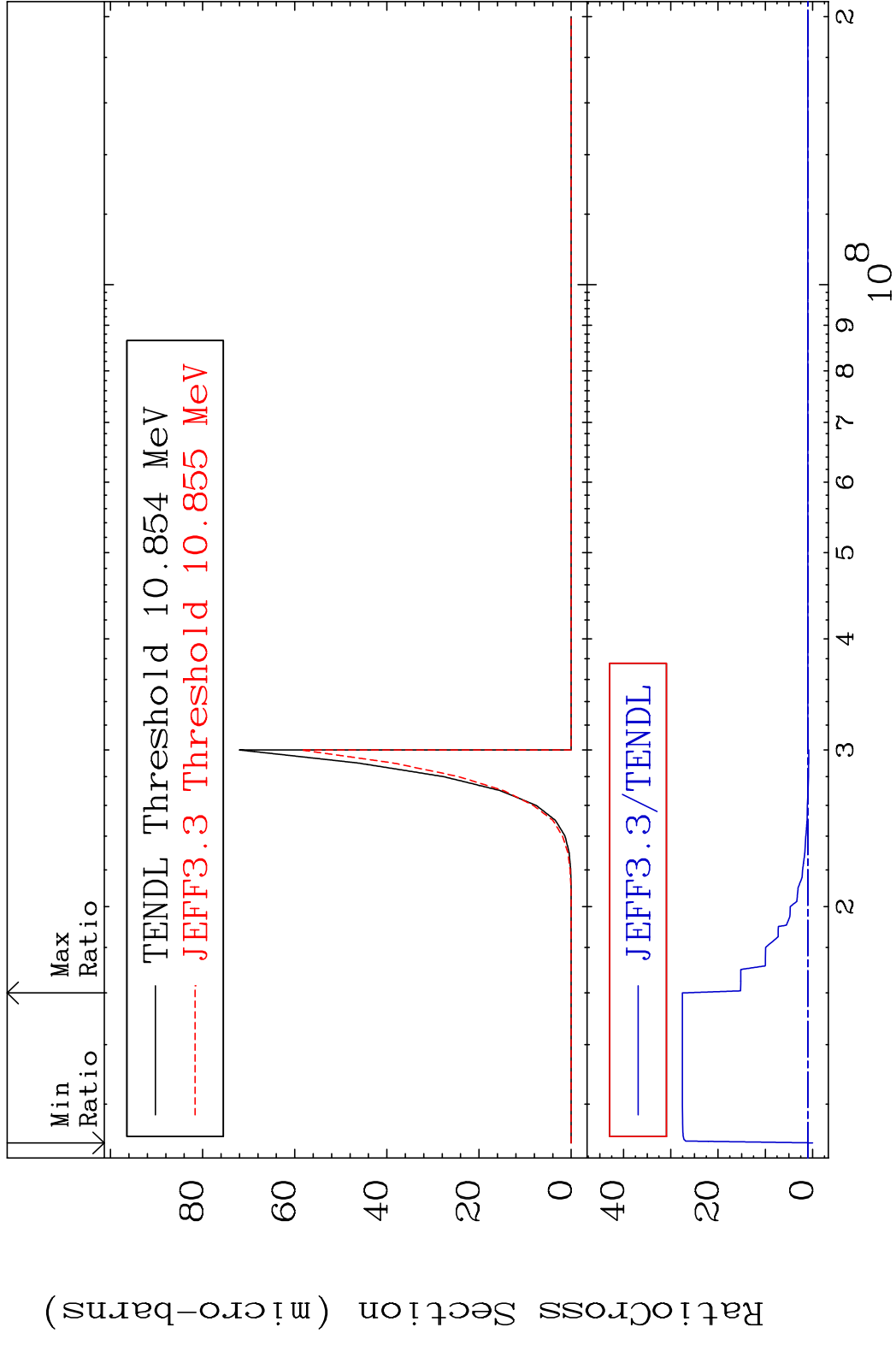
MAT 3625 (n,p) d 36-Kr-78  
 Cross Section -100.0 To 190.7 %



MAT 3625 (n,p) t 36-Kr-78  
 Cross Section -100.0 To 608.0 %



MAT 3625 (n,d)  $\alpha$  36-Kr-78  
 Cross Section -100.0 To 2656. %

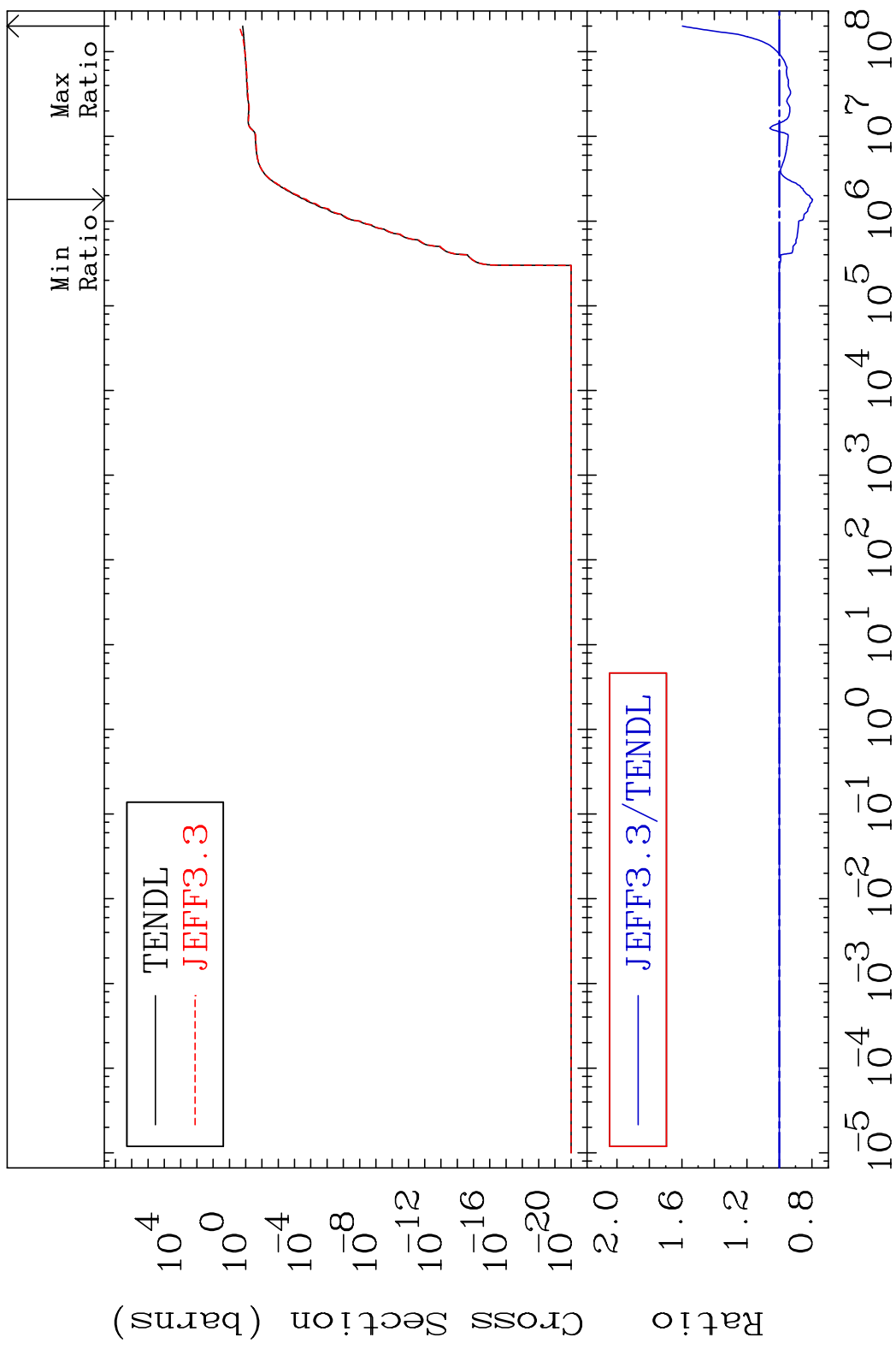


MAT 3625

Hydrogen Production

36-Kr-78

Cross Section -20.43 To 59.71 %



55

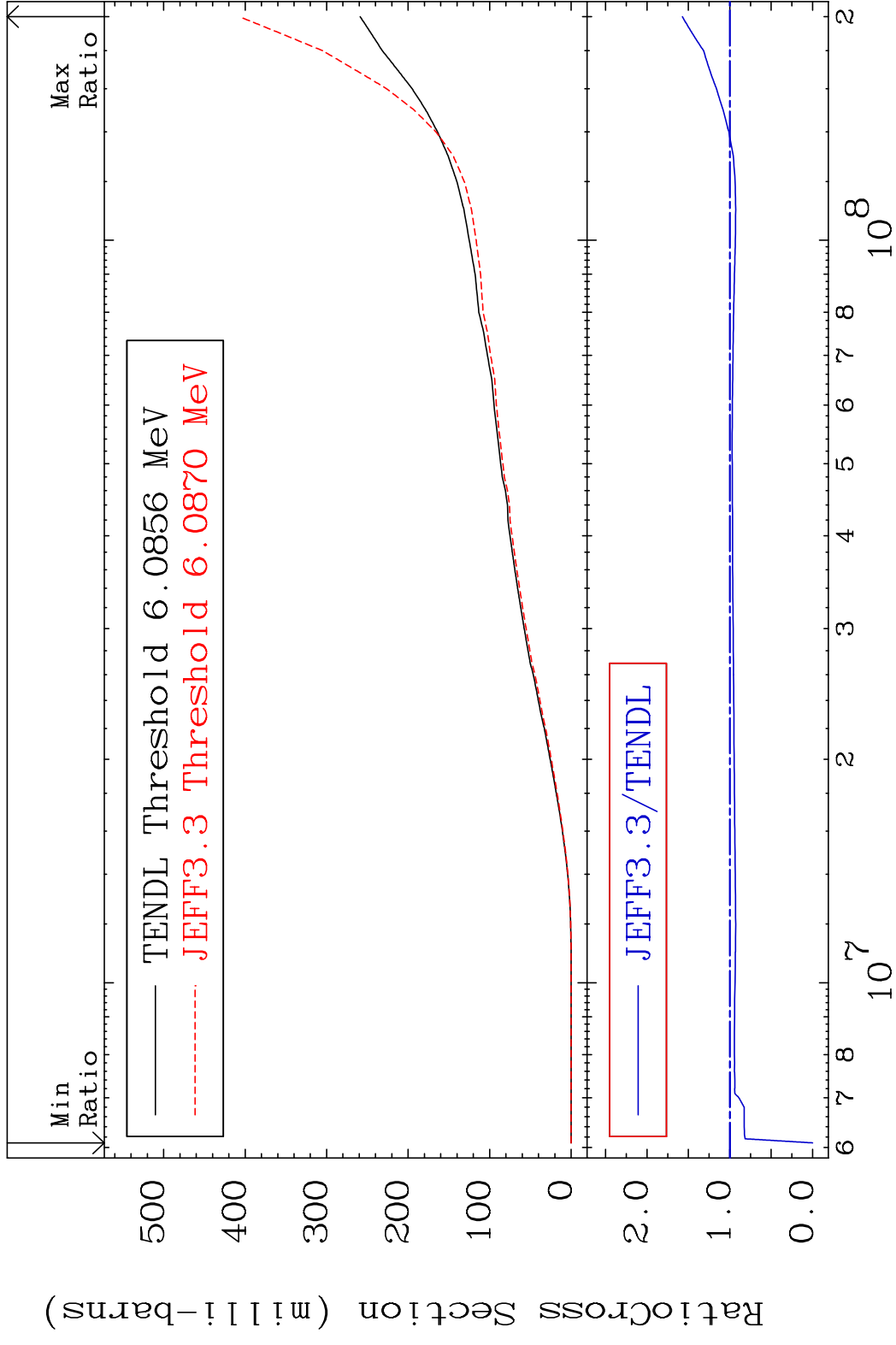
Incident Energy (eV)

36-Kr-78



MAT 3625

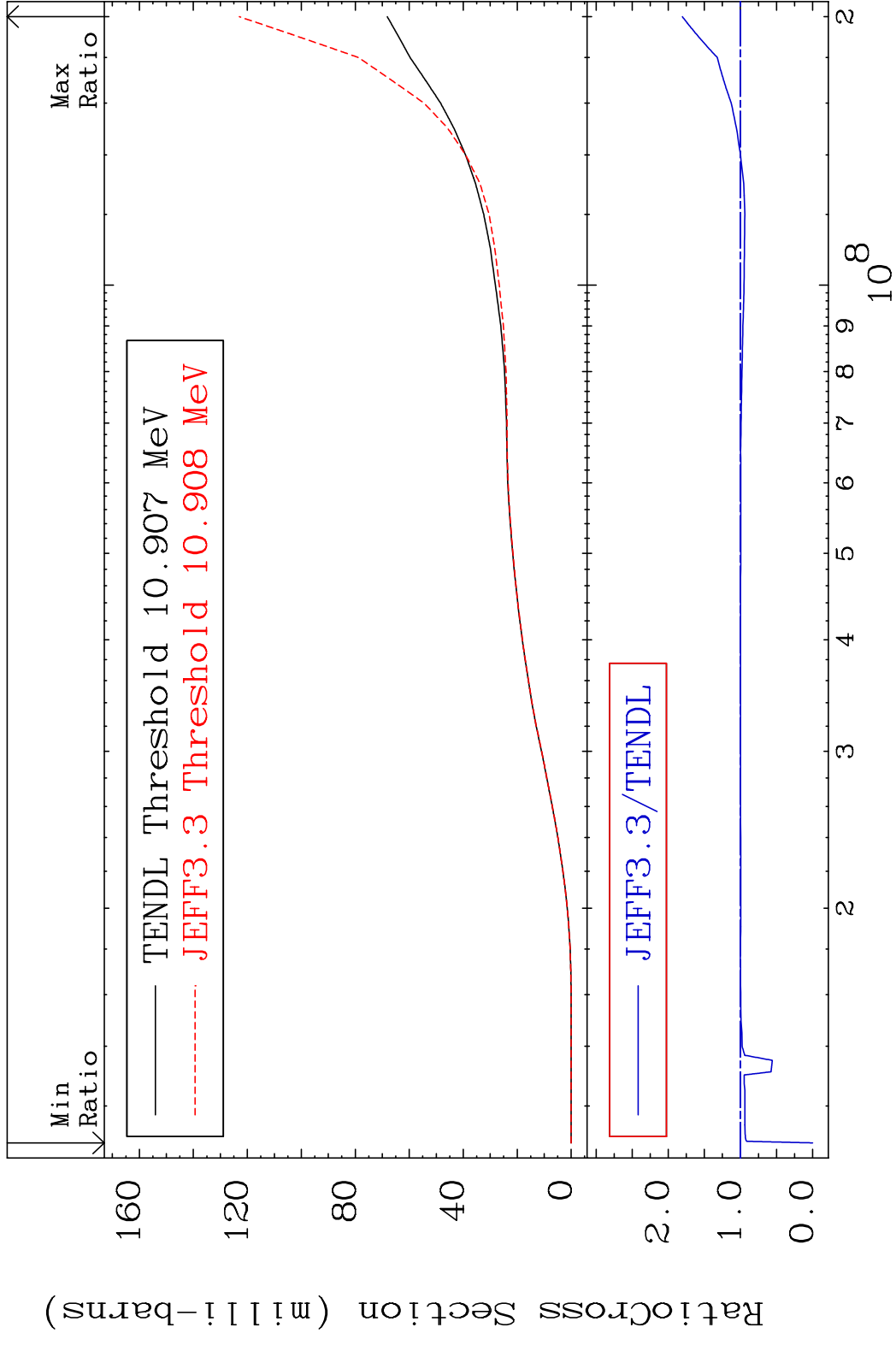
Deuterium Production 36-Kr-78  
Cross Section -100.0 To 57.29 %



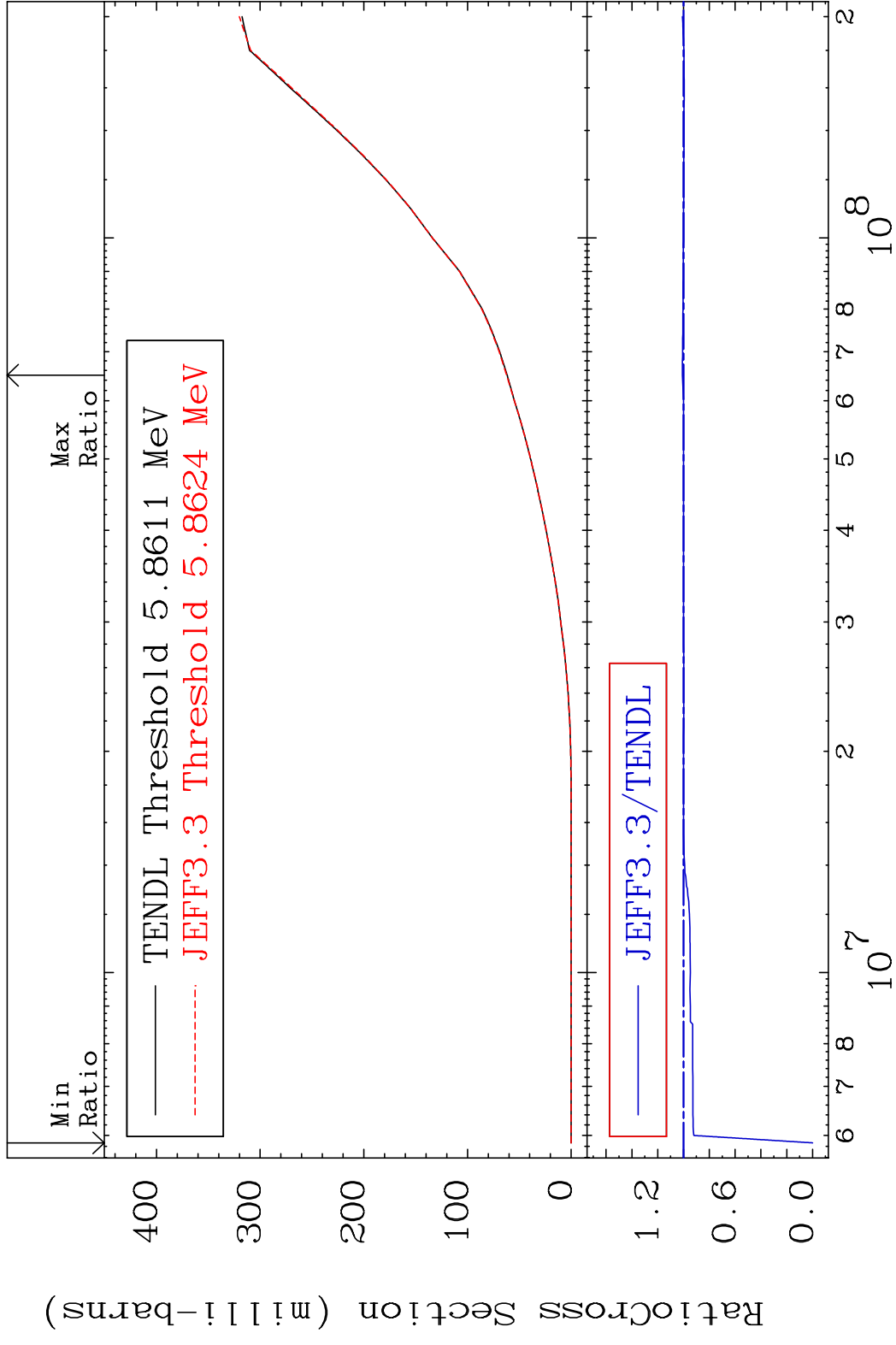
56

Incident Energy (eV) 36-Kr-78

MAT 3625 Tritium Production 36-Kr-78  
 Cross Section -100.0 To 80.47 %



MAT 3625 He-3 Production 36-Kr-78  
 Cross Section -100.0 To 0.888 %

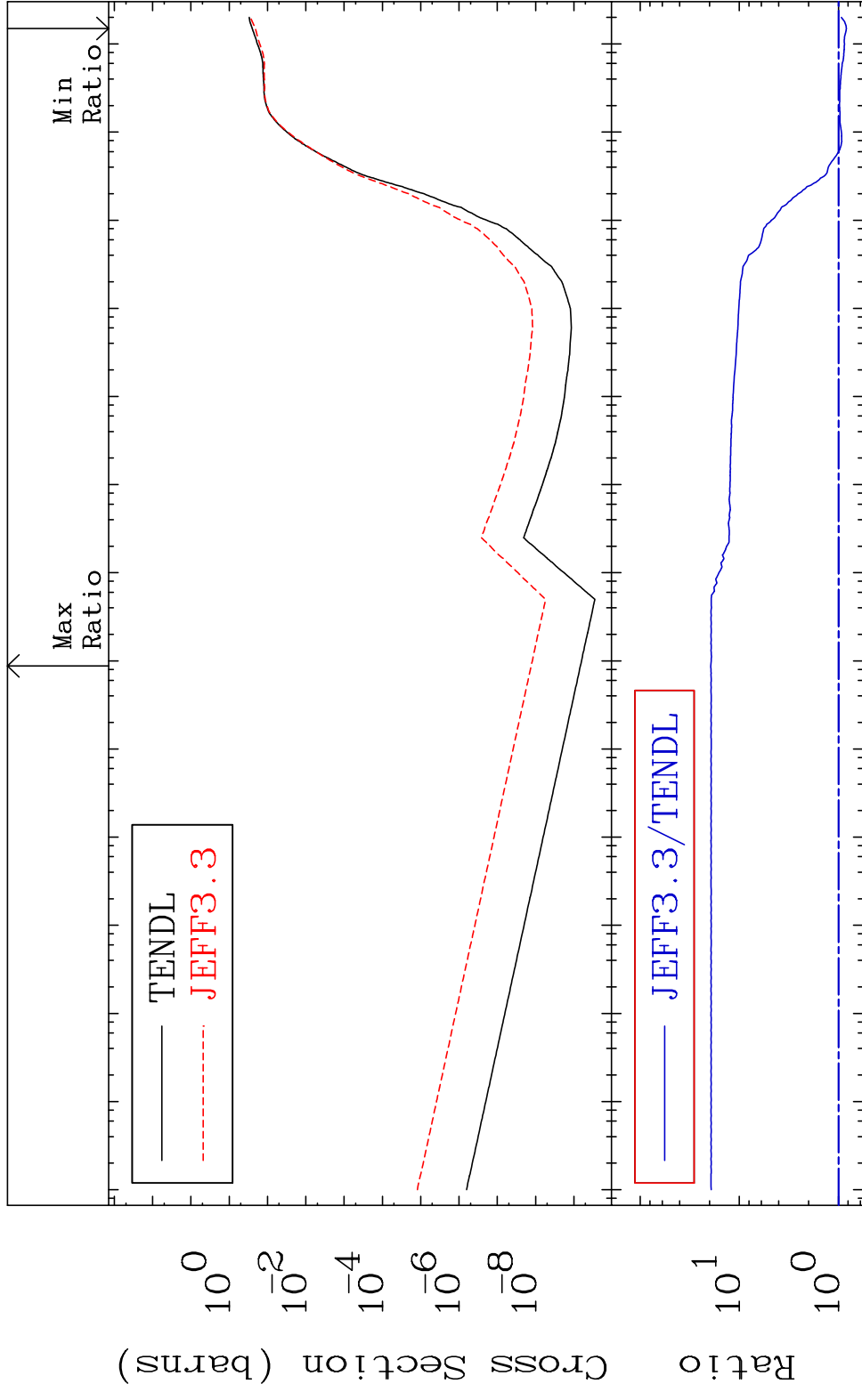


MAT 3625

He-4 Production

36-Kr-78

Cross Section -16.75 To 1846. %

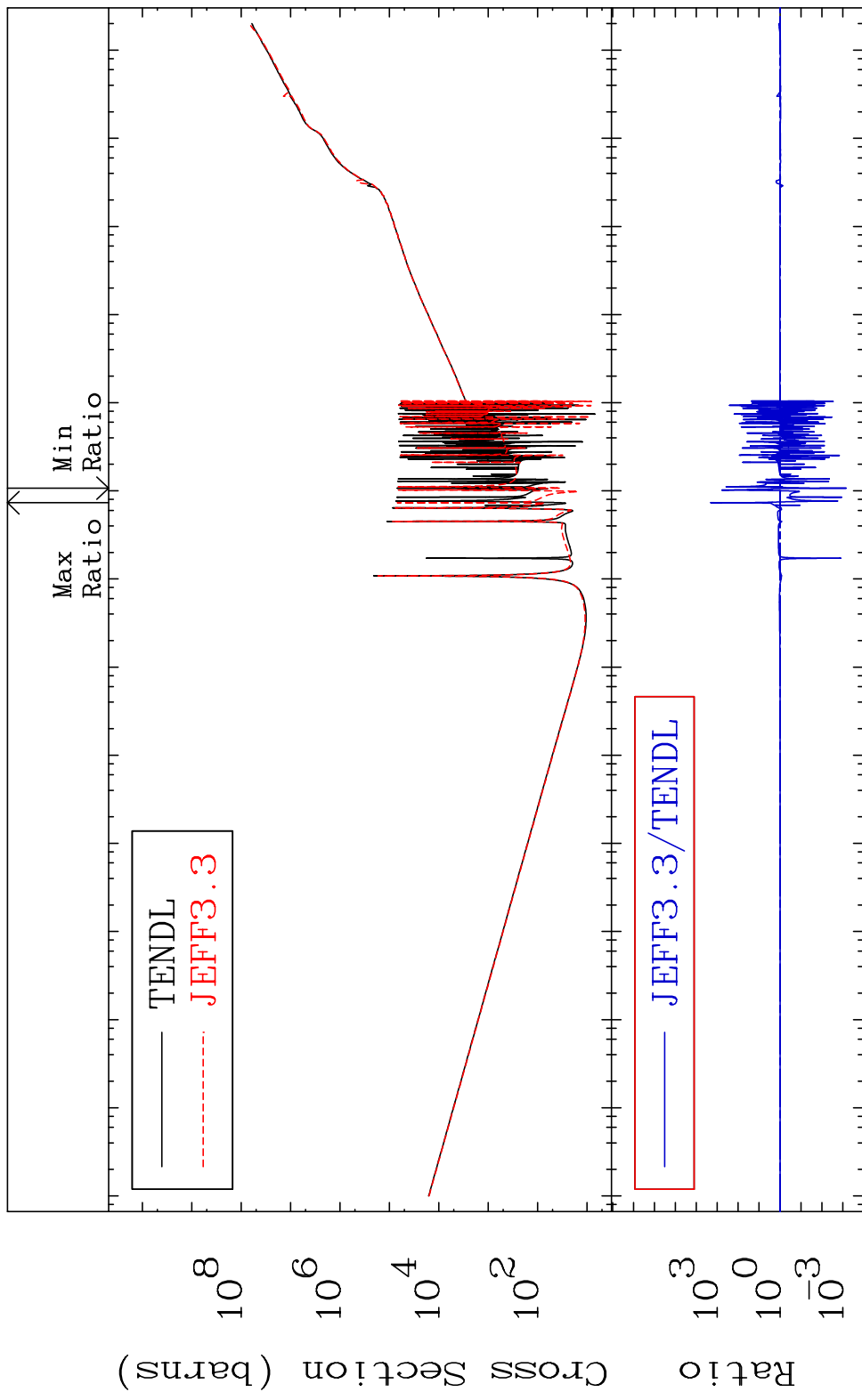


59

Incident Energy (eV)

36-Kr-78

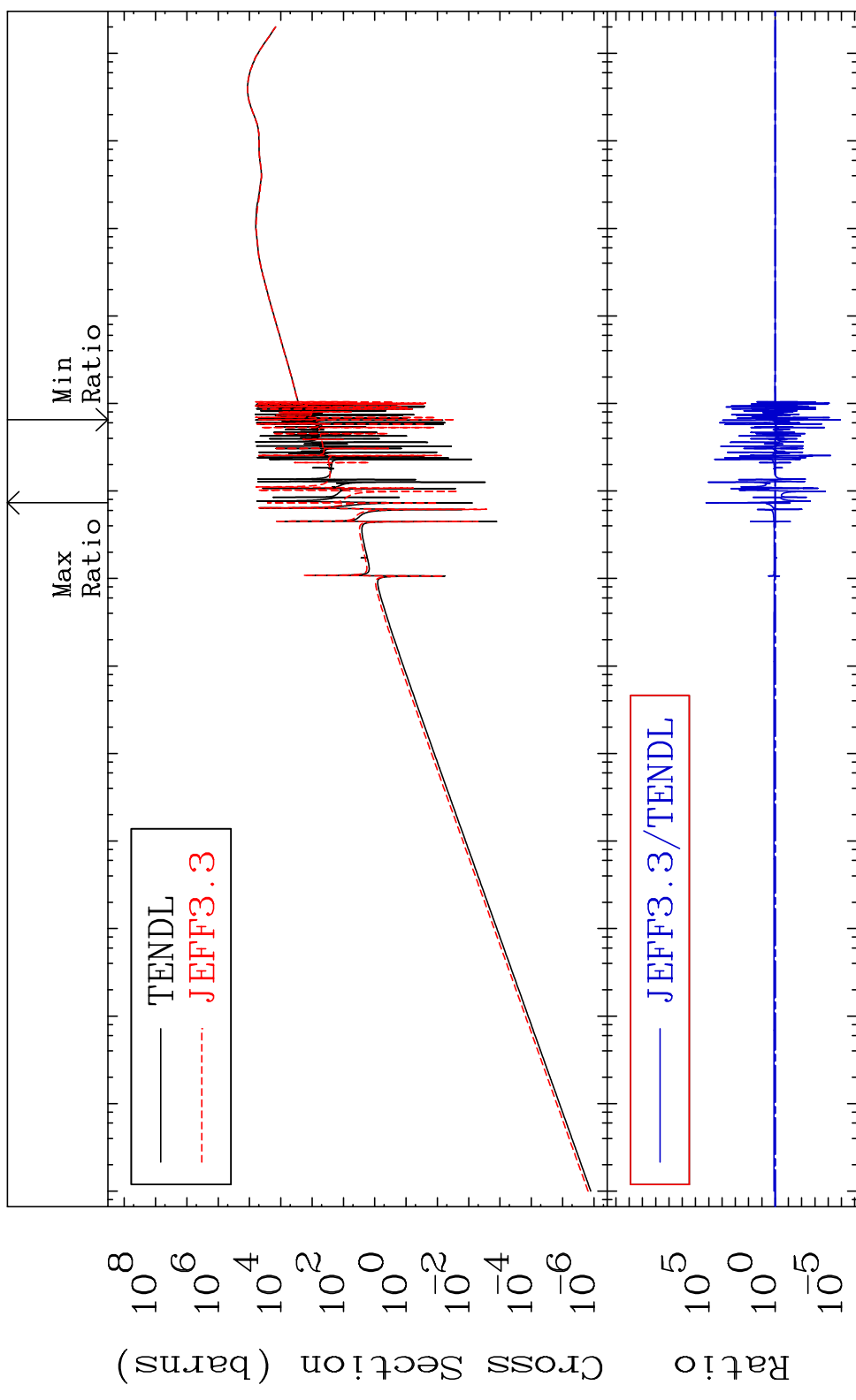
MAT 3625 Kerma total (eV-barns) 36-Kr-78  
 Cross Section -99.93 To 9999. %



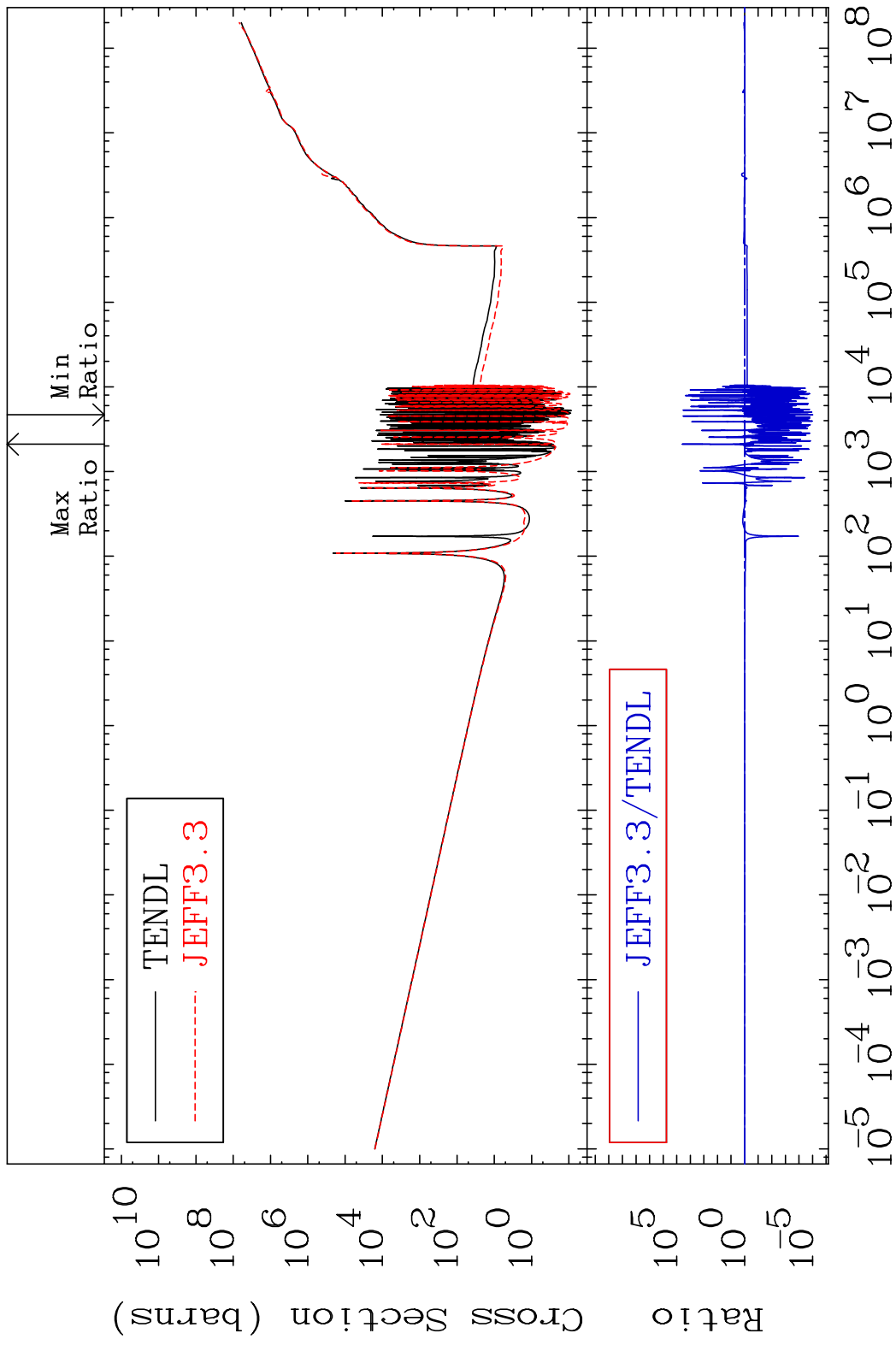
60 Incident Energy (eV) 36-Kr-78

MAT 3625

Kerma elastic Cross Section -100.0 To 9999. %  
36-Kr-78

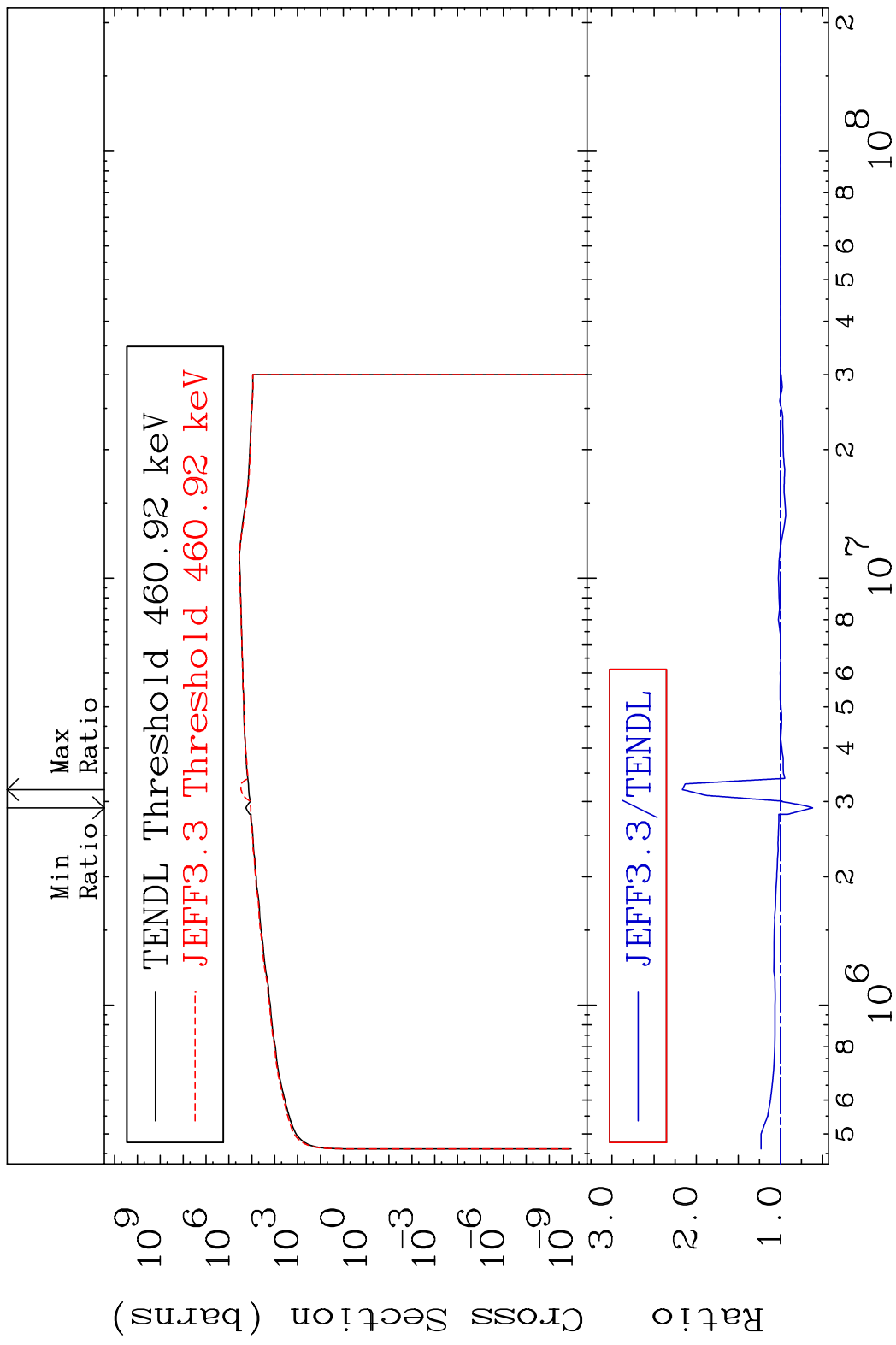


MAT 3625 Kerma non-elastic (all but mt2) 36-Kr-78  
 Cross Section -100.0 To 9999. %



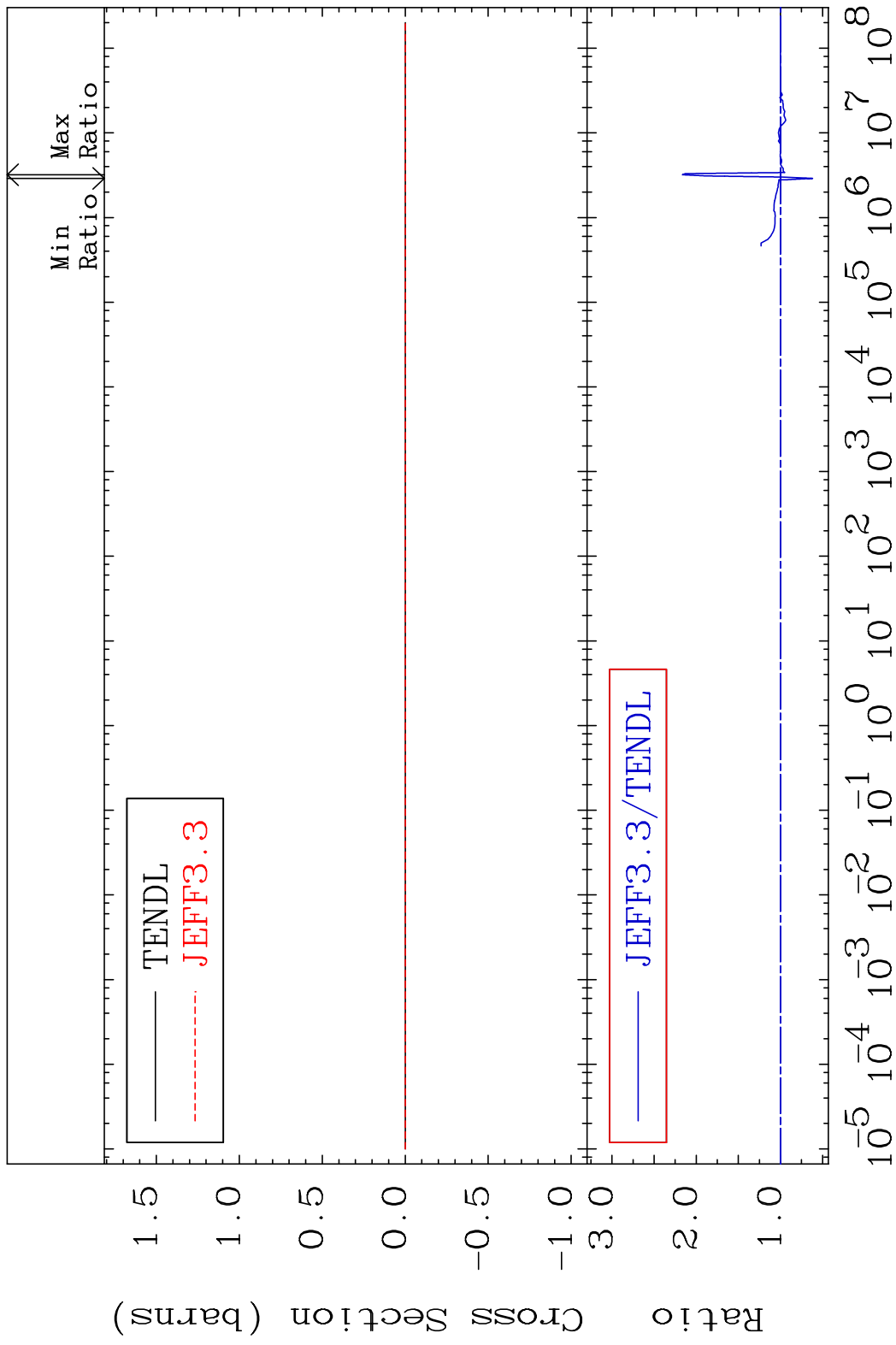
62 Incident Energy (eV) 36-Kr-78

MAT 3625 Kerma inelastic (mt51-91) 36-Kr-78  
 Cross Section -38.08 To 116.5 %

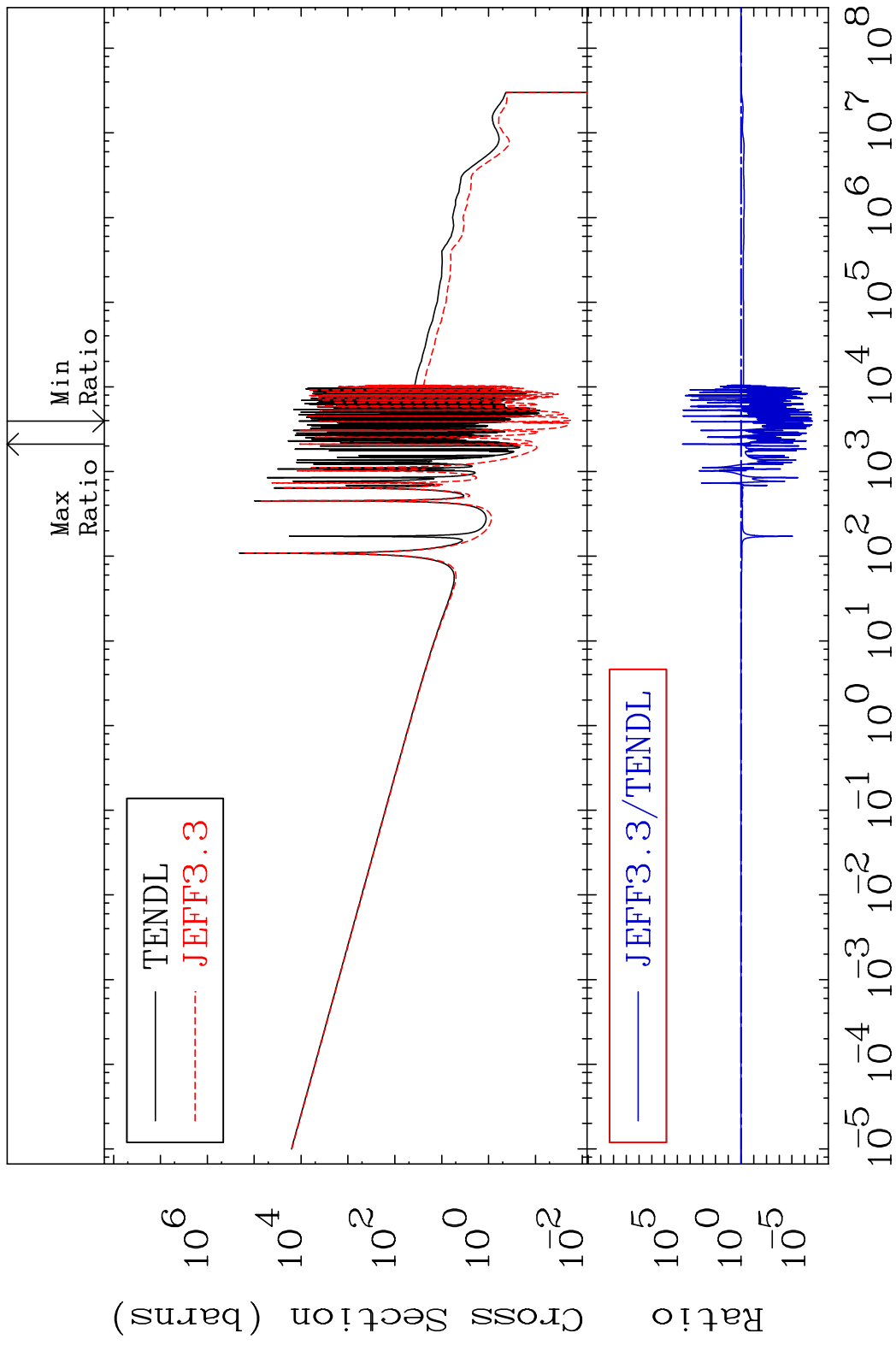




MAT 3625 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-78  
 Cross Section -38.08 To 116.5 %

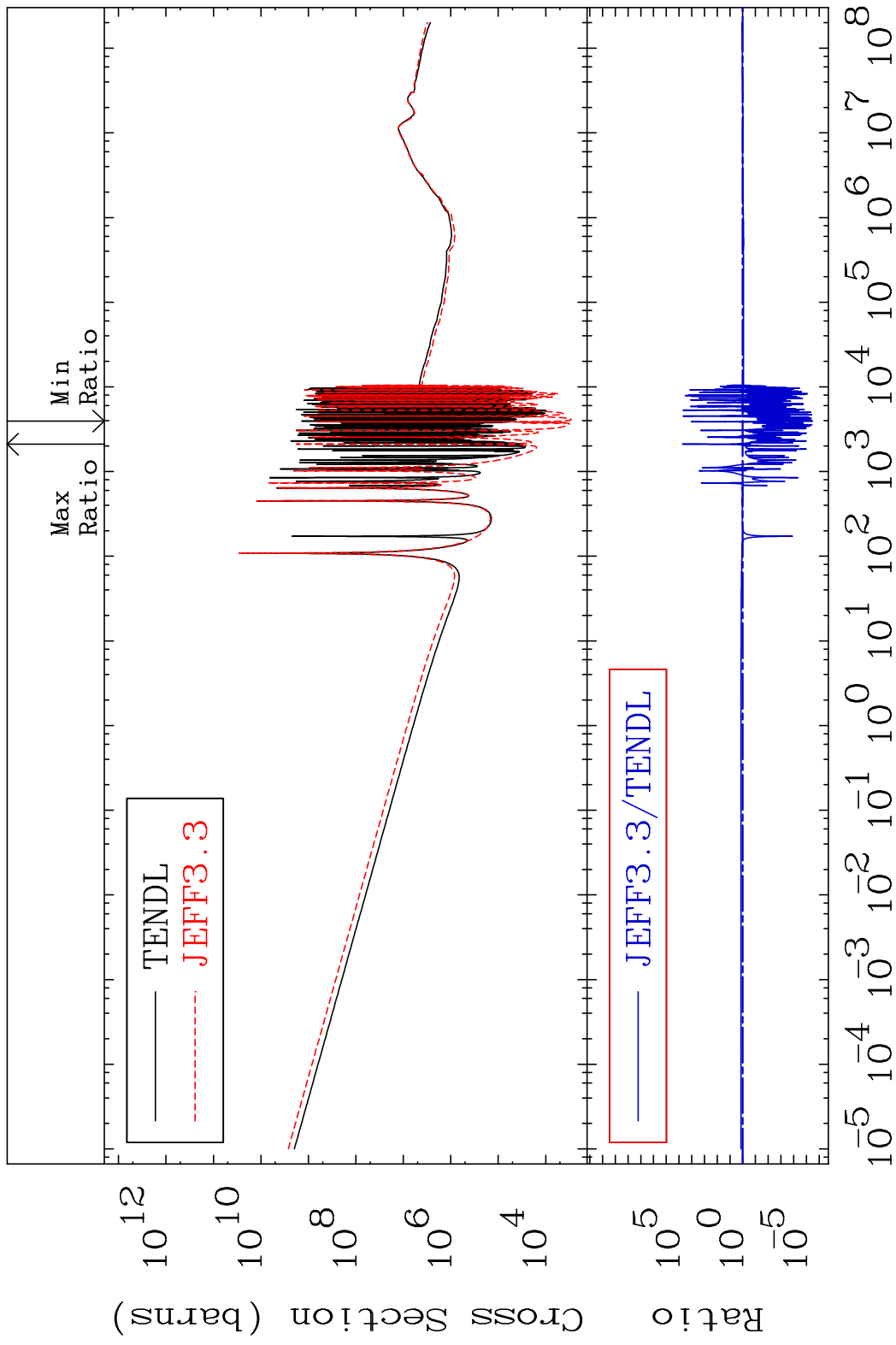


MAT 3625 Kerma capture (mt102) 36-Kr-78  
 Cross Section -100.0 To 9999. %

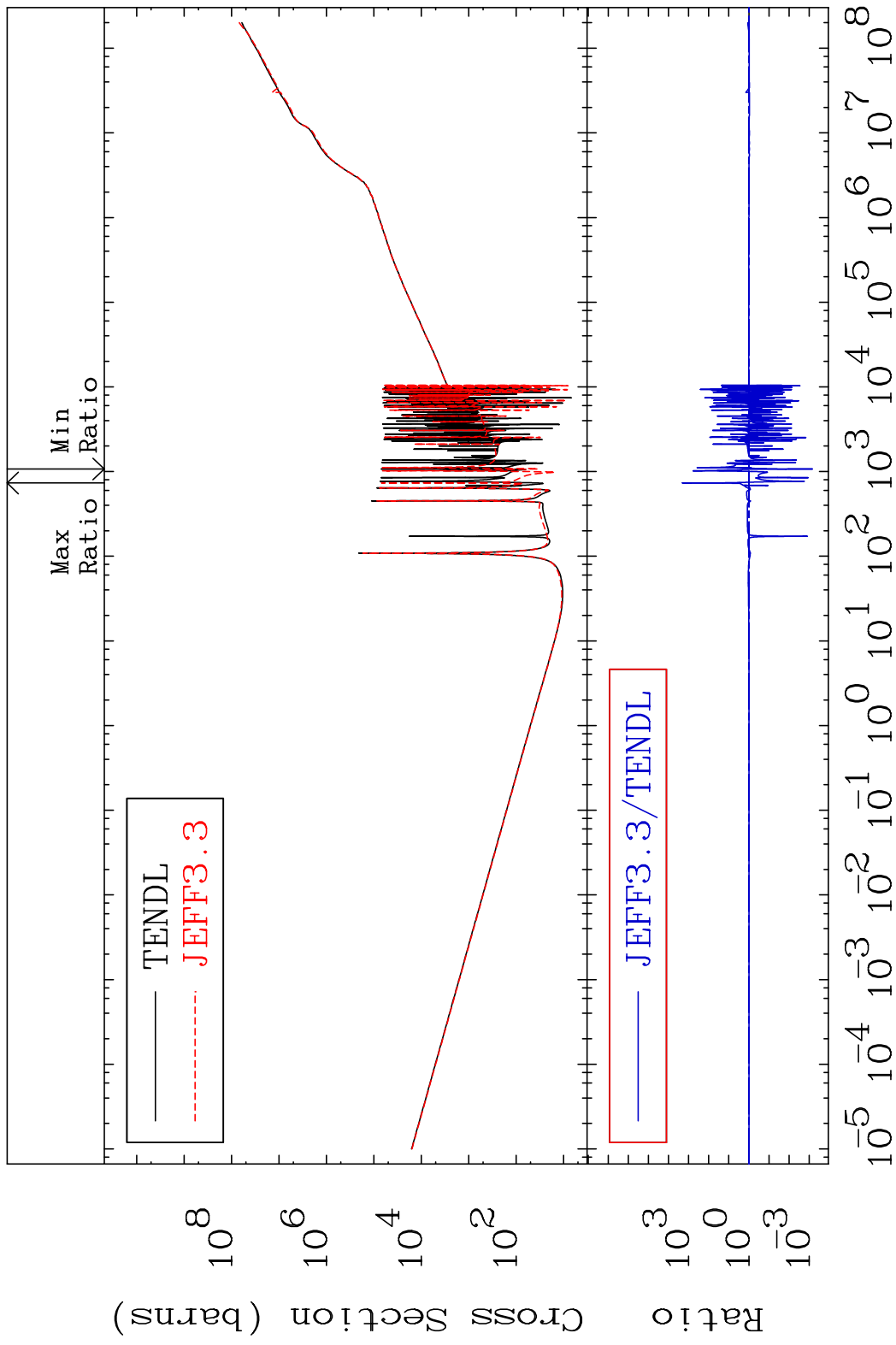


65 Incident Energy (eV) 36-Kr-78

MAT 3625 Total photon (eV-barns) 36-Kr-78  
 Cross Section -100.0 To 9999. %



MAT 3625 Total kinematic kerma (high limit) 36-Kr-78  
 Cross Section -99.93 To 9999. %

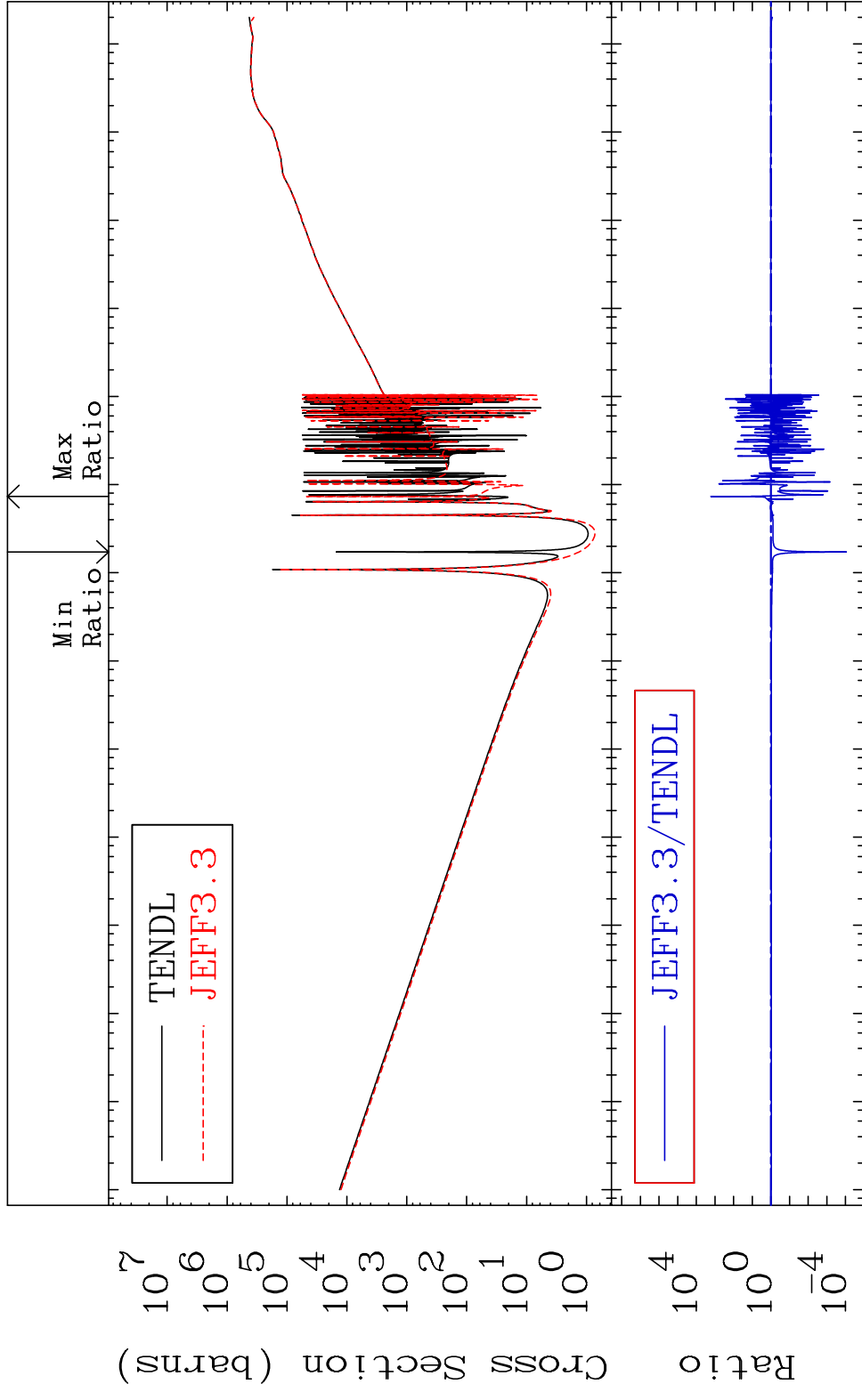


MAT 3625

Dpa total (eV-barns)

36-Kr-78

Cross Section -99.99 To 9999. %

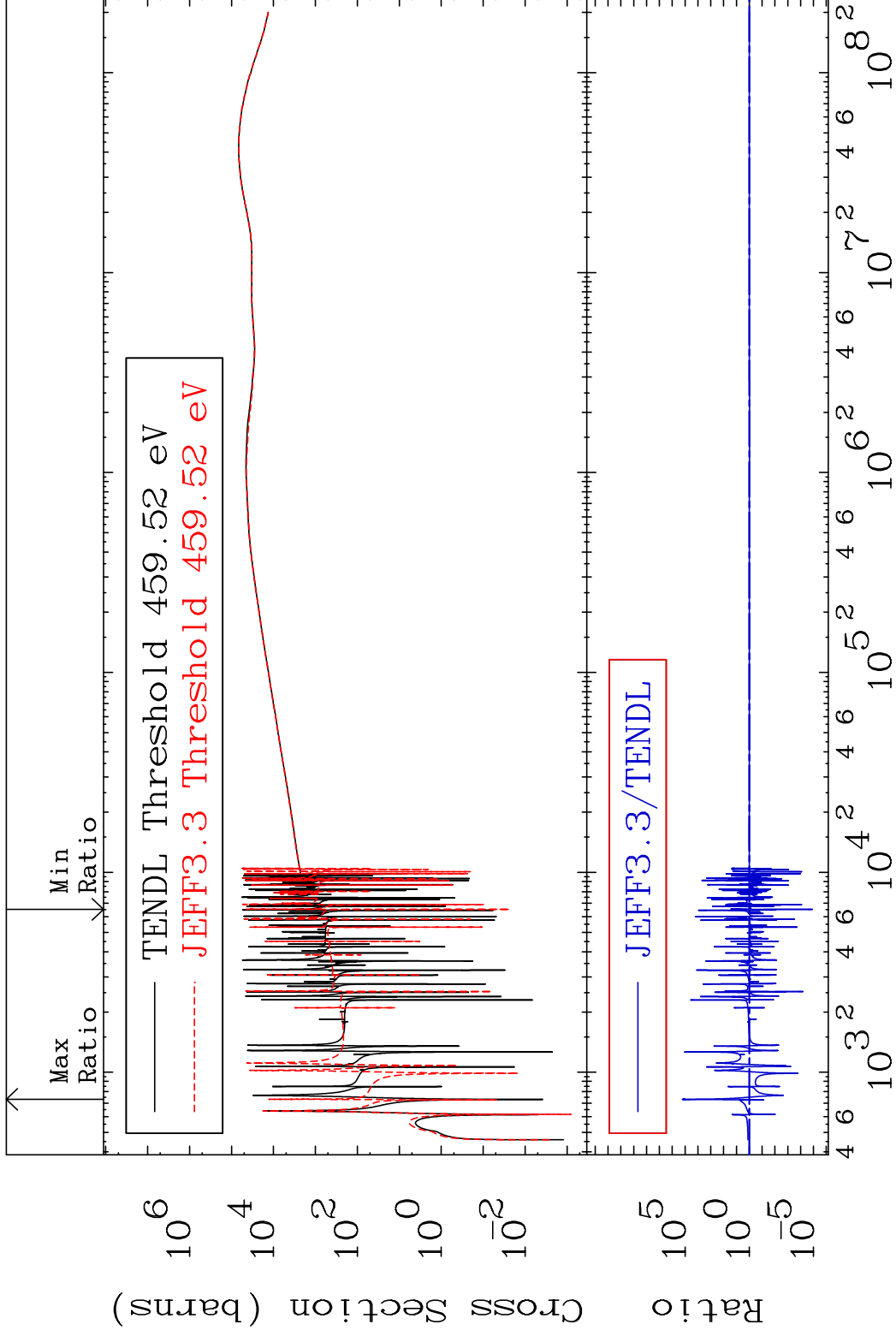


MAT 3625

Dpa elastic (mt2)

36-Kr-78

Cross Section -100.0 To 9999. %

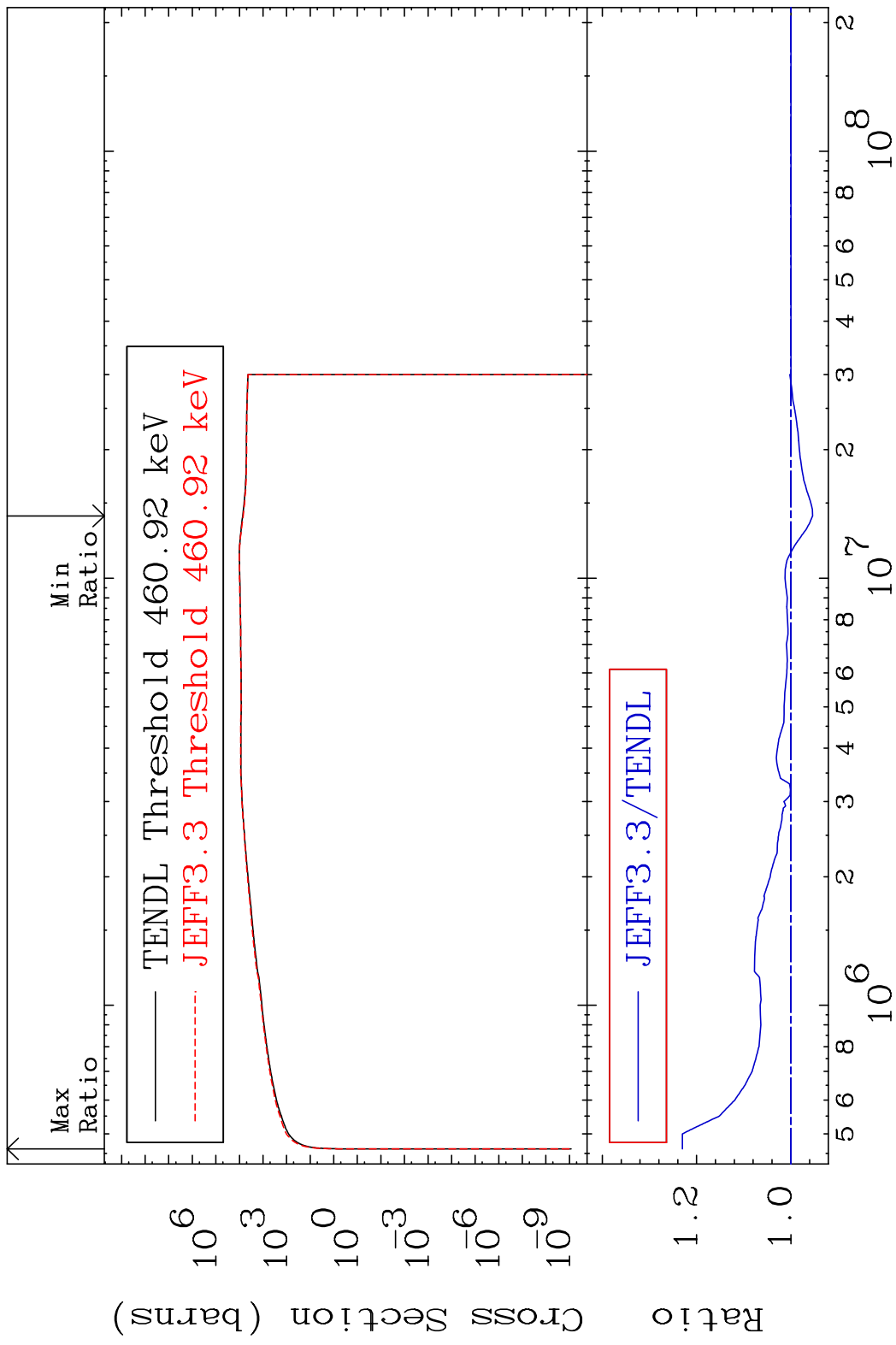


69

Incident Energy (eV)

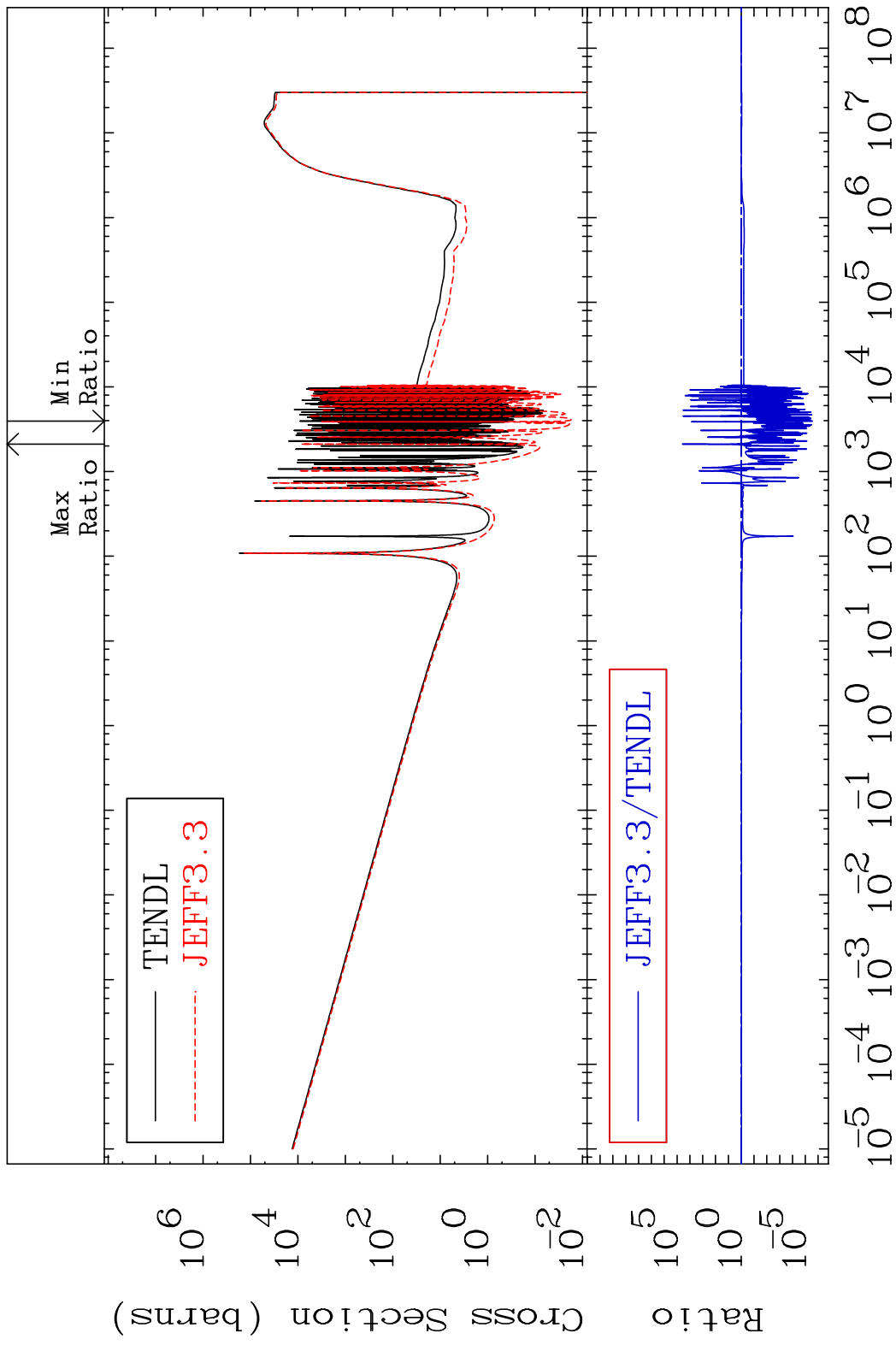
36-Kr-78

MAT 3625 Dpa inelastic (mt51-91) 36-Kr-78  
 Cross Section -4.601 To 23.03 %



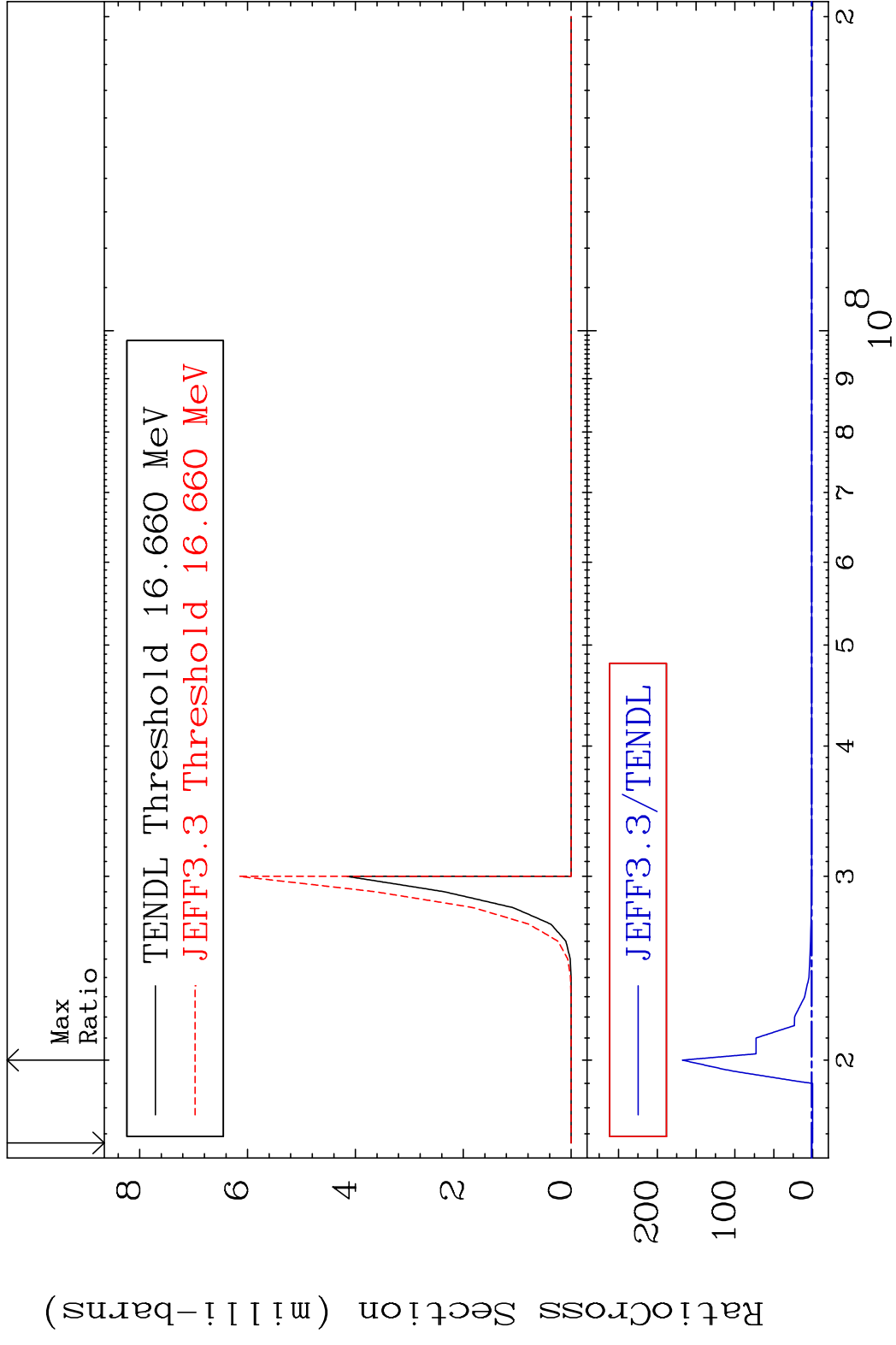
70 Incident Energy (eV) 36-Kr-78

MAT 3625 Dpa disappearance (mt102 -120) 36-Kr-78  
 Cross Section -100.0 To 9999. %

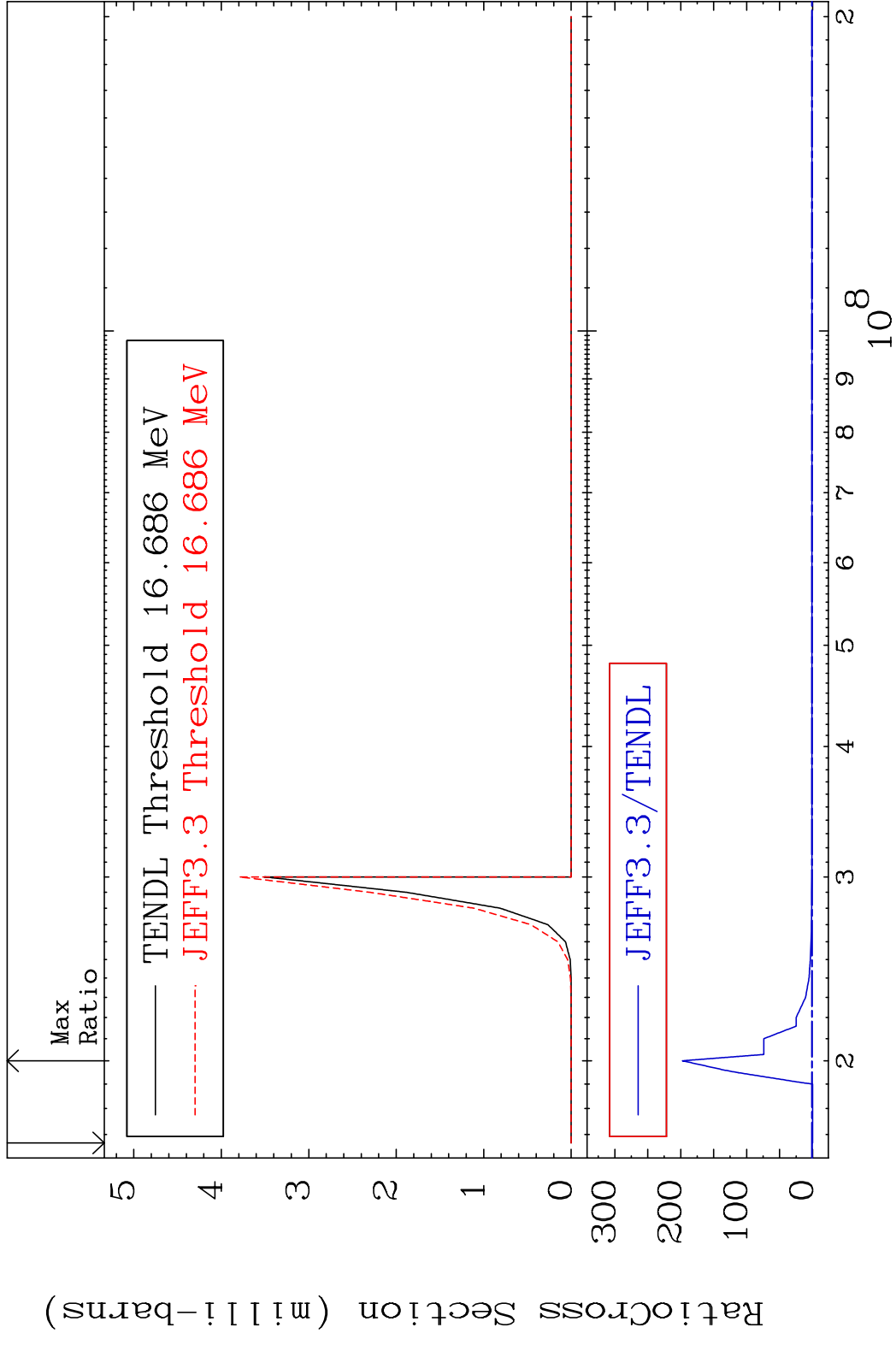




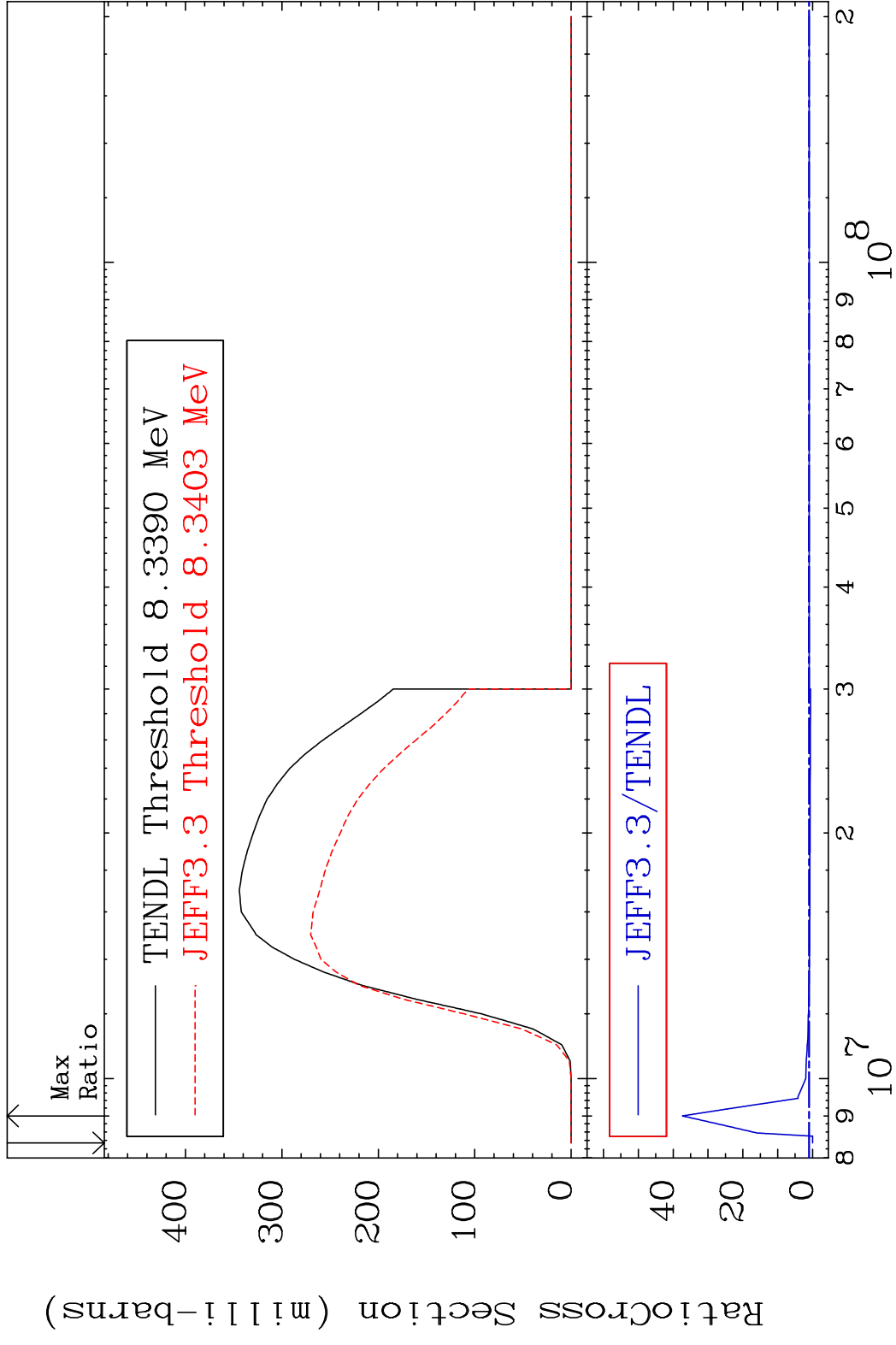
MAT 3625 (n,2n)  $\alpha$ :34-Se-73g 36-Kr-78  
 Radionuclide Production Cross Section 100.00 % 9999. %



MAT 3625 (n,2n)  $\alpha$ :34-Se-73m1 36-Kr-78  
 Radionuclide Production Cross Section Ratio 9999. %

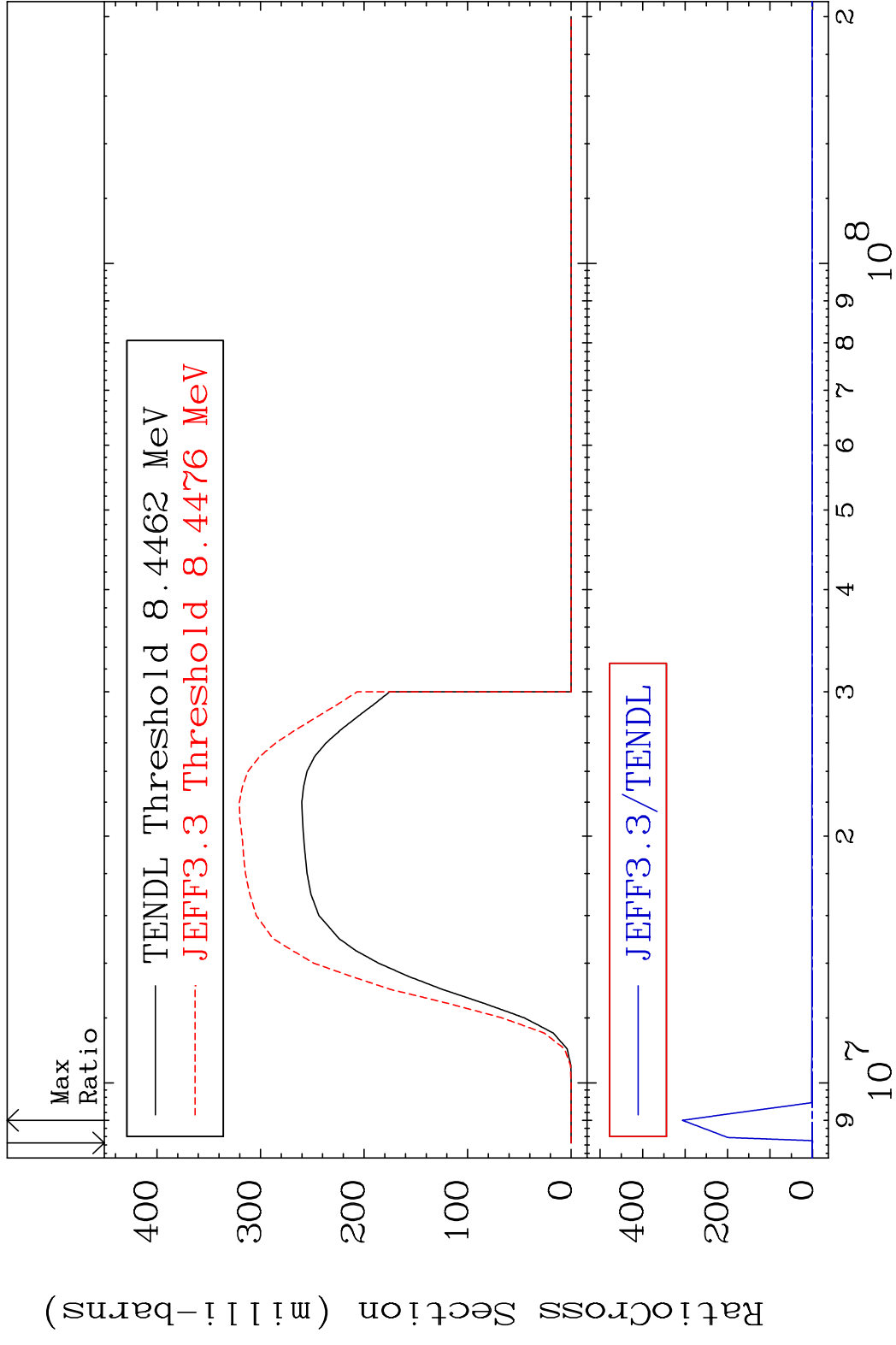


MAT 3625 (n, n') p:35-Br-77g 36-Kr-78  
 Radionuclide Production Cross Section Ratio



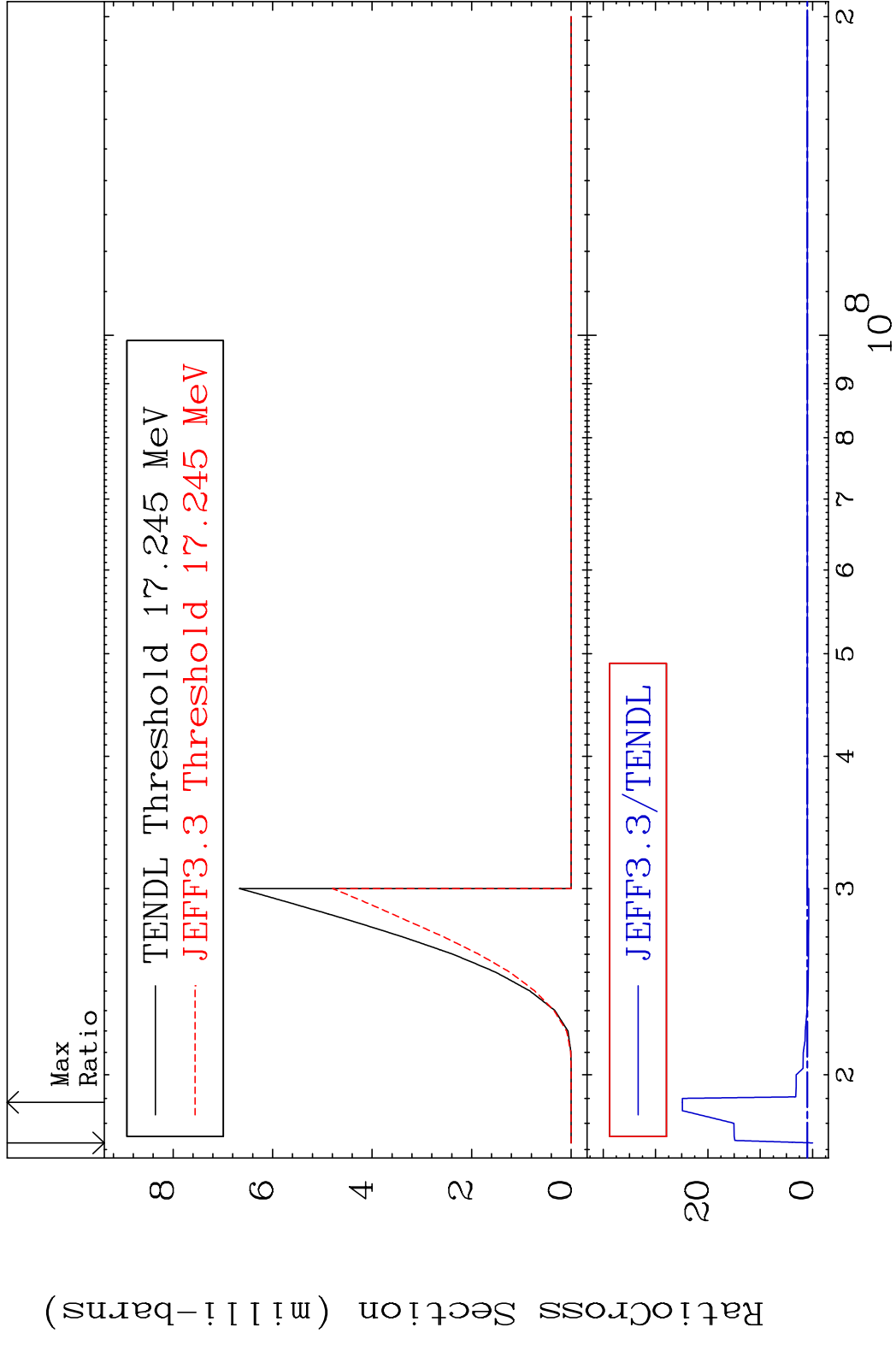
74 Incident Energy (eV) 36-Kr-78

MAT 3625 (n, n') p:35-Br-77m1 36-Kr-78  
 Radionuclide Production Cross Section Ratio

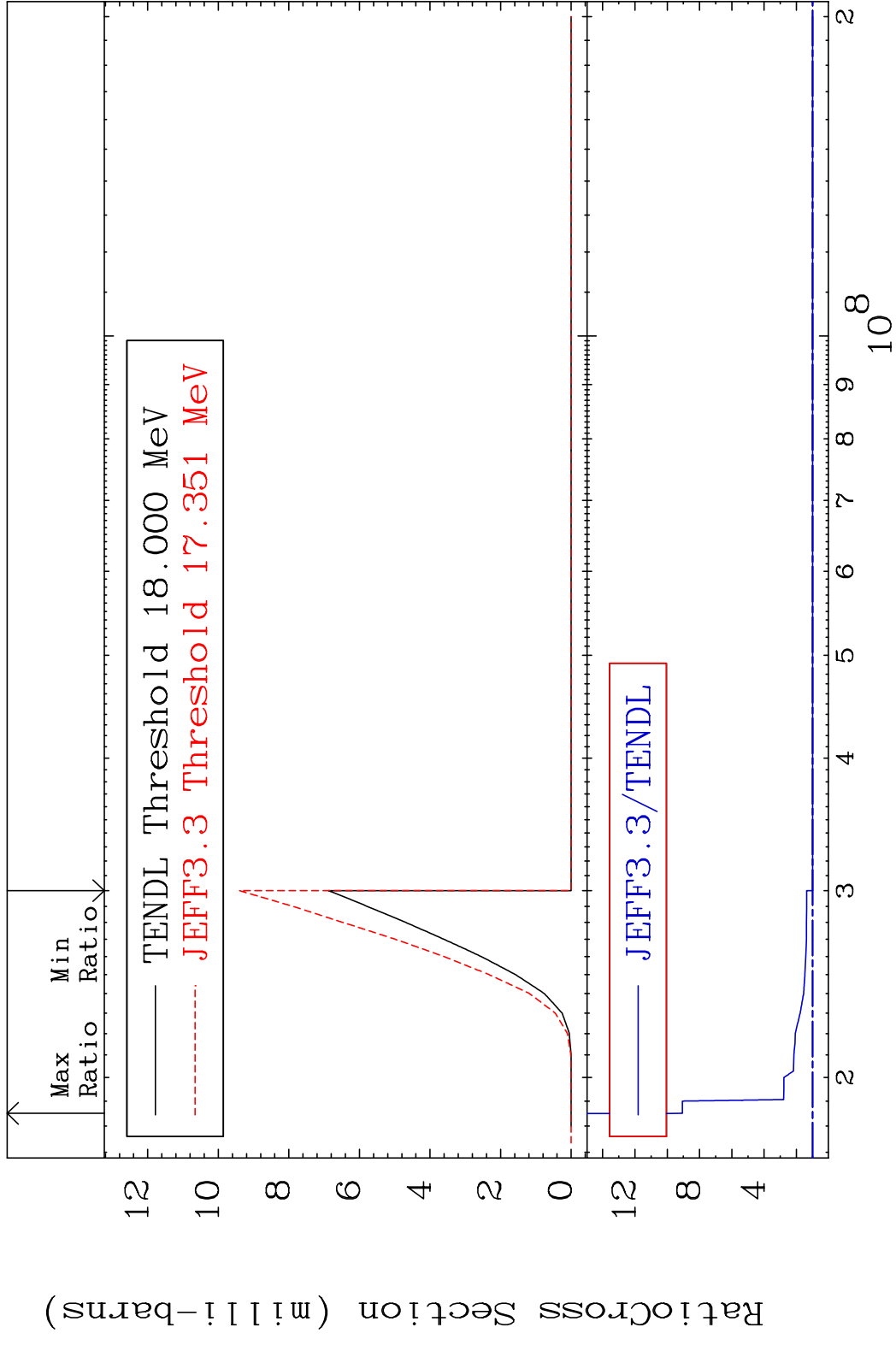


75 Incident Energy (eV) 36-Kr-78

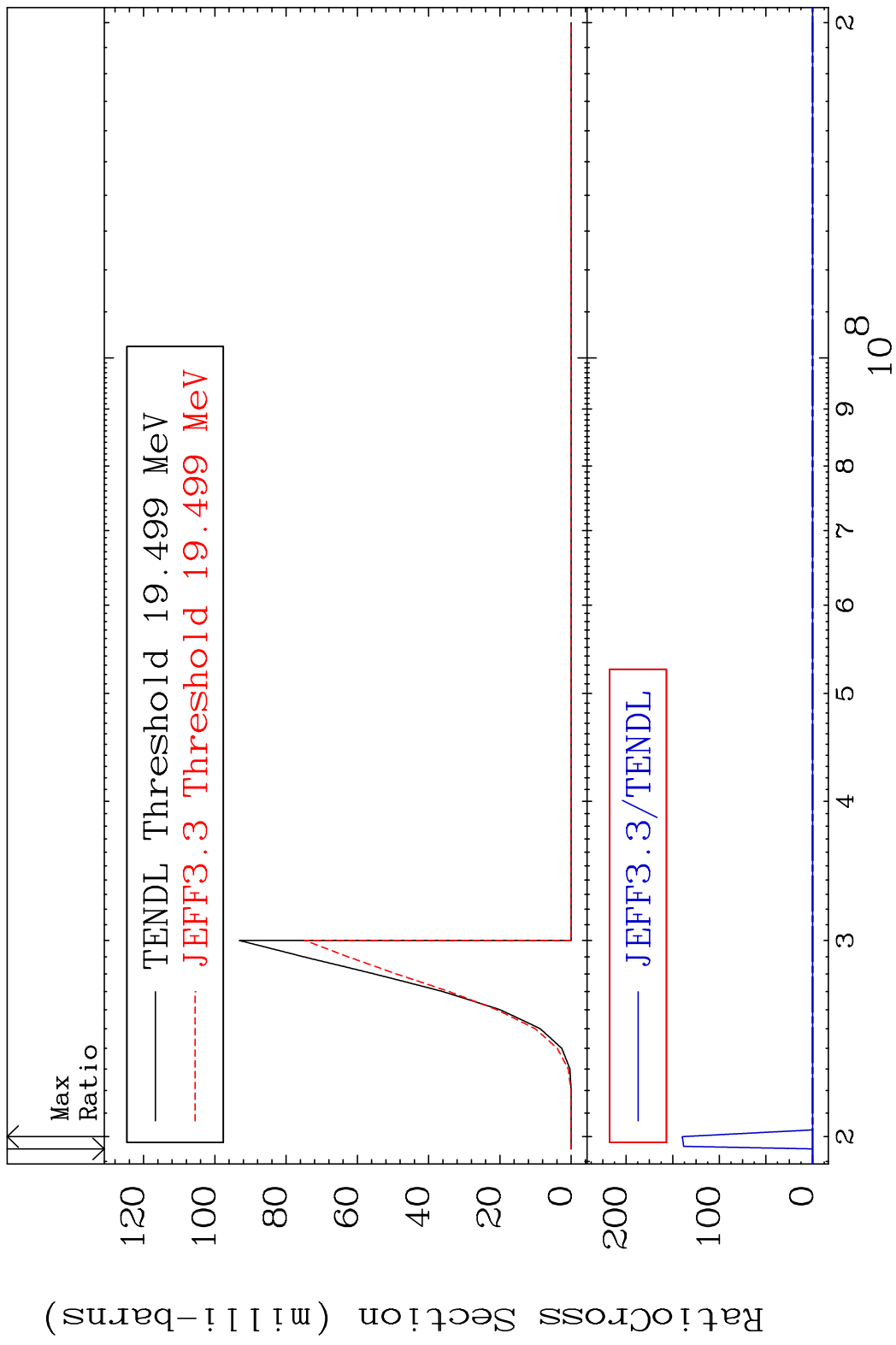
MAT 3625 (n, n') d:35-Br-76g 36-Kr-78  
 Radionuclide Production Cross Section 180.01 dth 2388. %

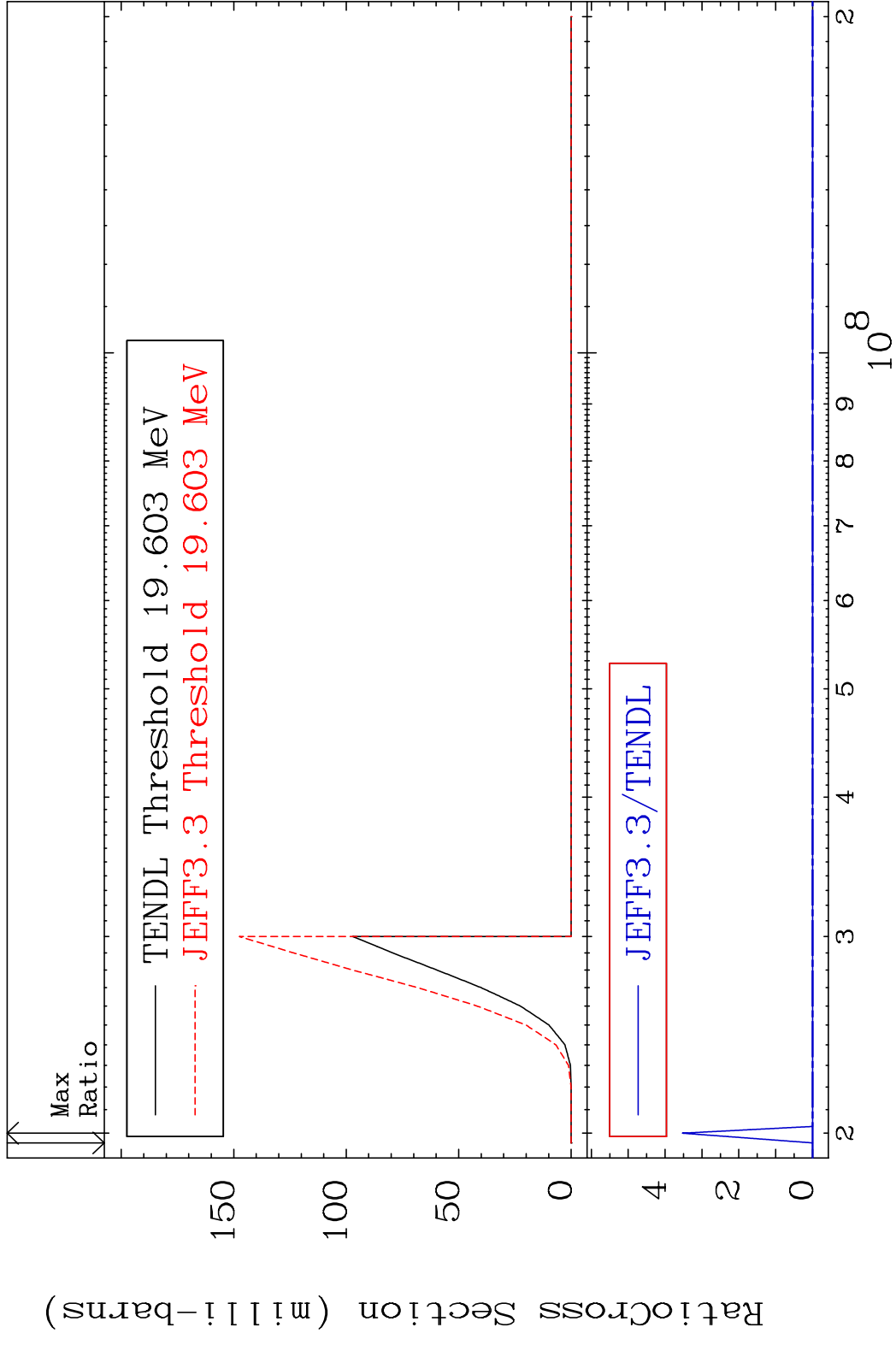


MAT 3625 (n, n') d:35-Br-76m2 36-Kr-78  
 Radionuclide Production Cross Section 806.4 %



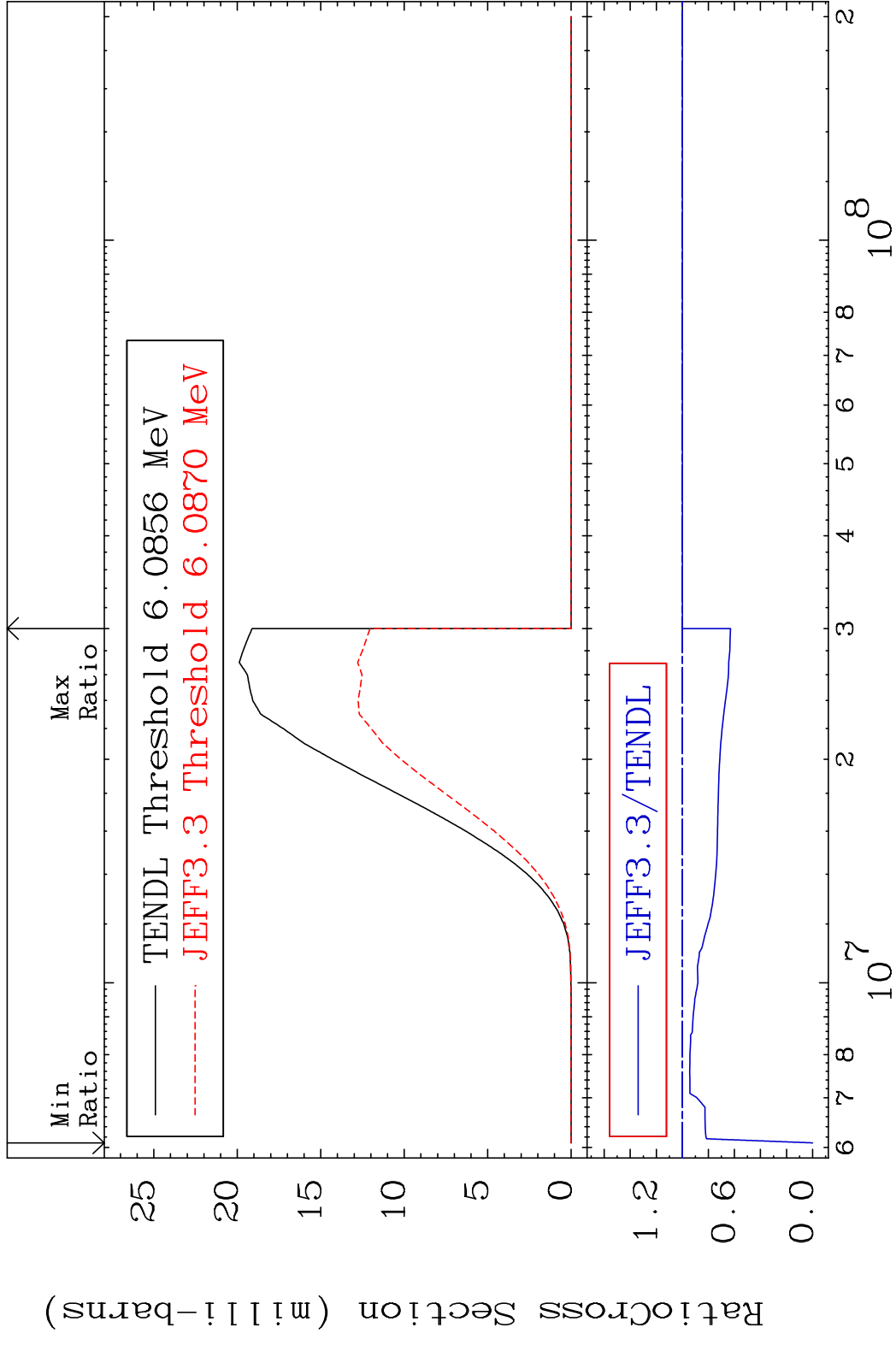
MAT 3625 (n,2n) p:35-Br-76g 36-Kr-78  
 Radionuclide Production Cross Section 100.000000 %





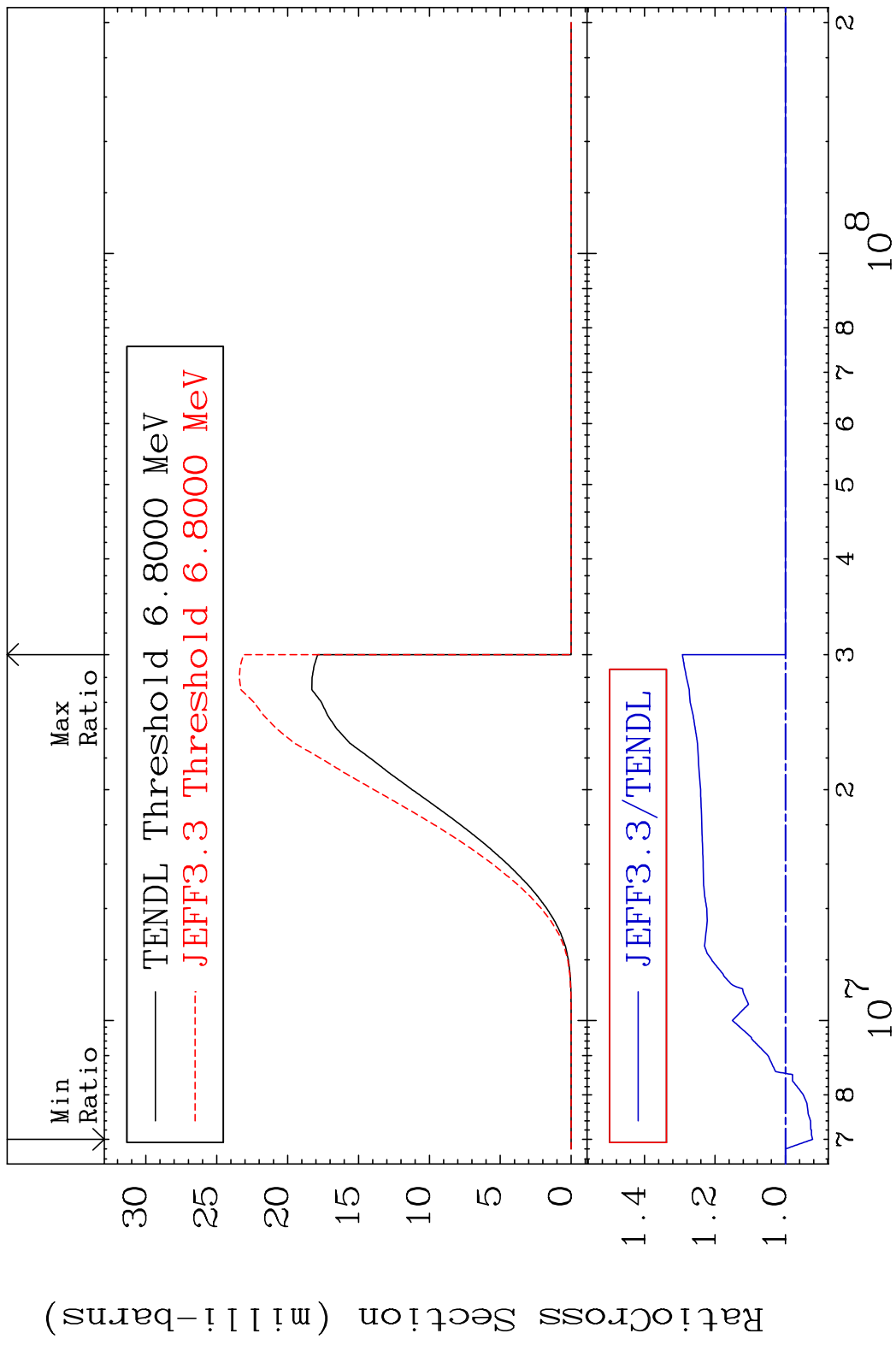


MAT 3625 (n, d) : 35-Br-77g 36-Kr-78  
 Radionuclide Production Cross Section 18000 dth 0.000 %

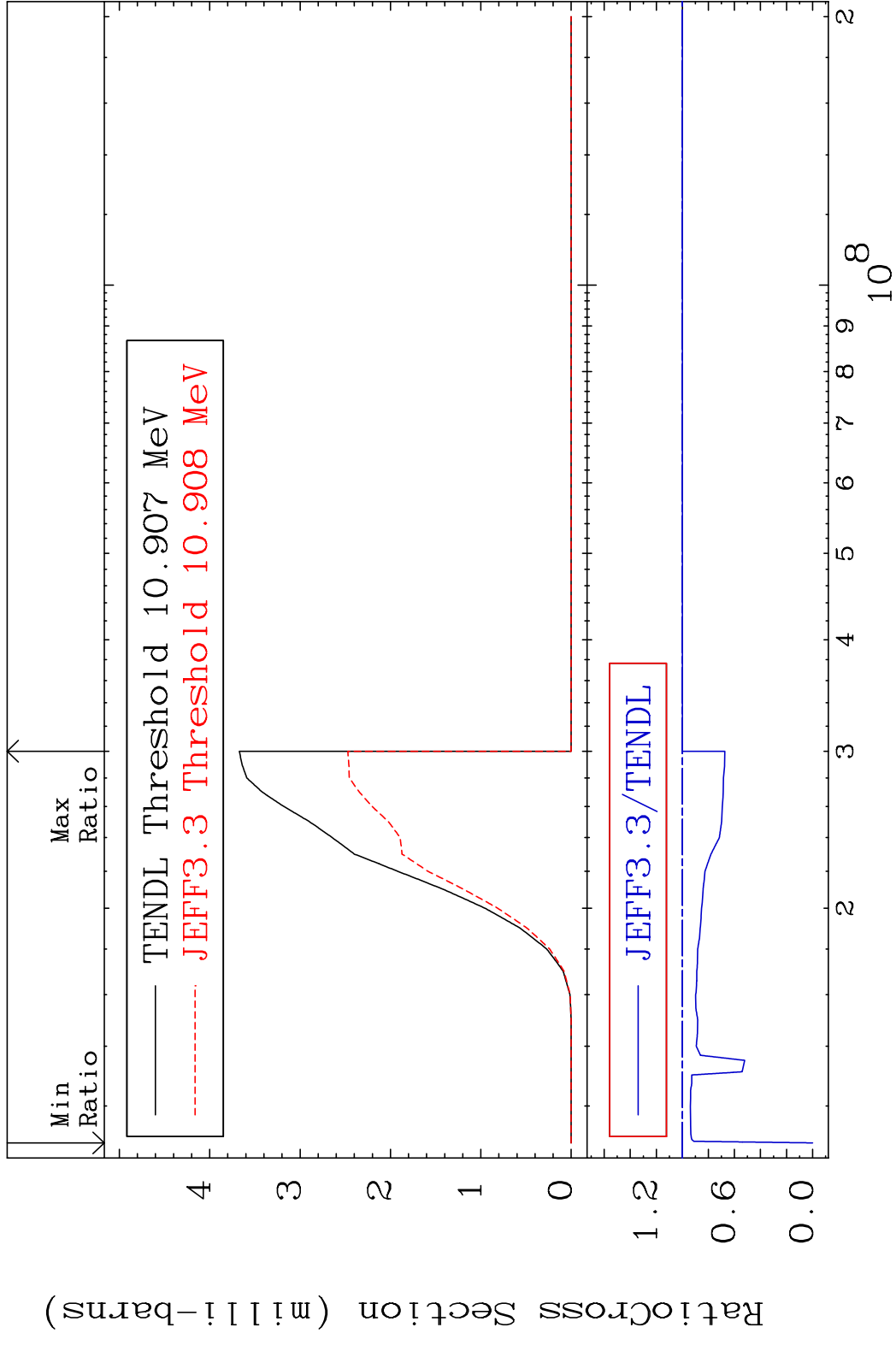


80 36-Kr-78

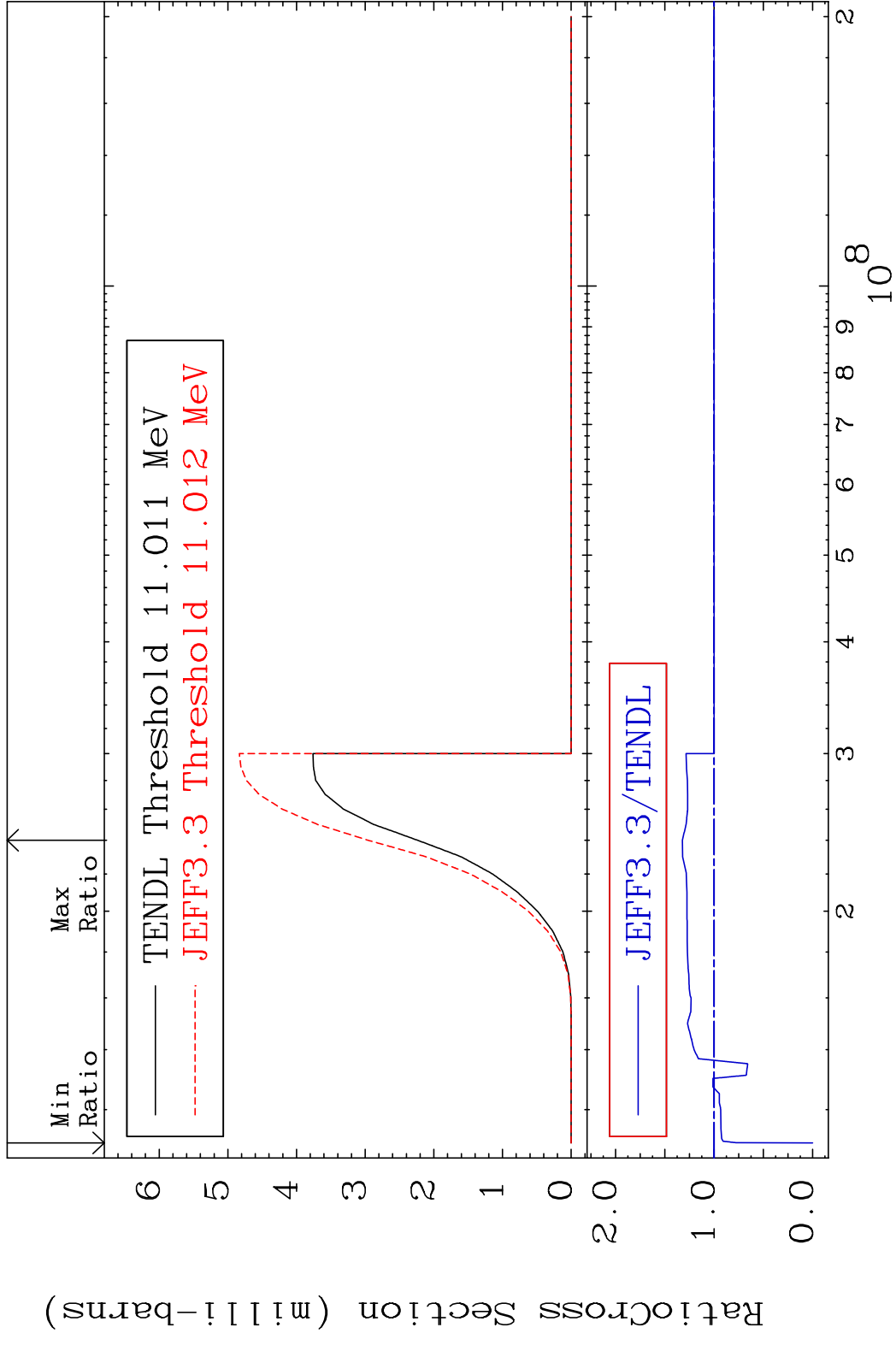
MAT 3625 (n, d):35-Br-77m1 36-Kr-78  
 Radionuclide Production Cross Section 29.27 %



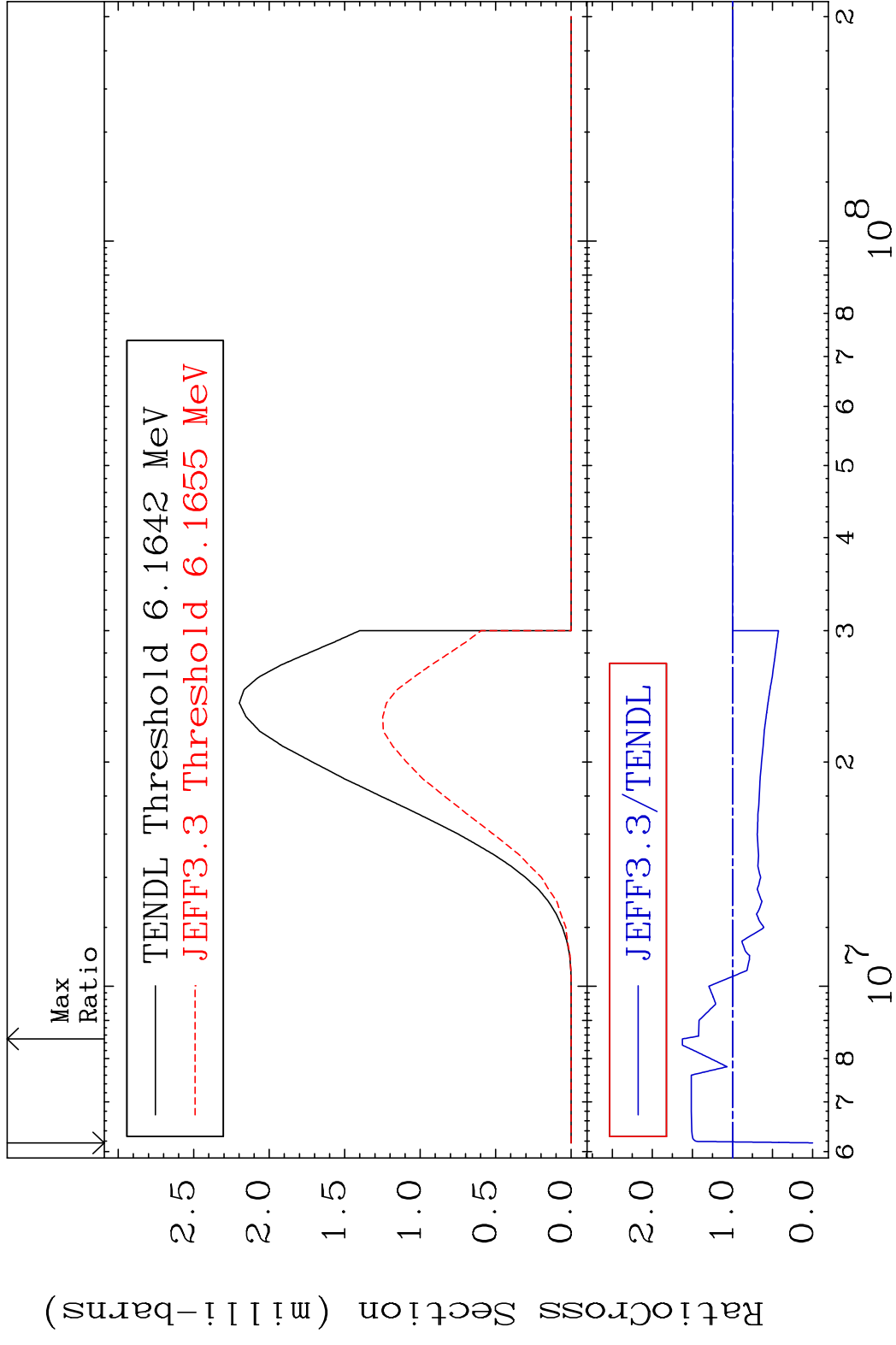
MAT 3625 (n, t): 35-Br-76g 36-Kr-78  
 Radionuclide Production Cross Section 1800 dth 0.000 %



MAT 3625 (n, t): 35-Br-76m2 36-Kr-78  
 Radionuclide Production Cross Section 180.01 dth 32.24 %



MAT 3625 (n,2p):34-Se-77g 36-Kr-78  
 Radionuclide Production Cross Section 180.01 dth 62.55 %



MAT 3625 (n,2p):34-Se-77m1 36-Kr-78  
 Radionuclide Production Cross Section 85.50 %

