

Program Complot  
(Version 2021-1)

by

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U.S.A.

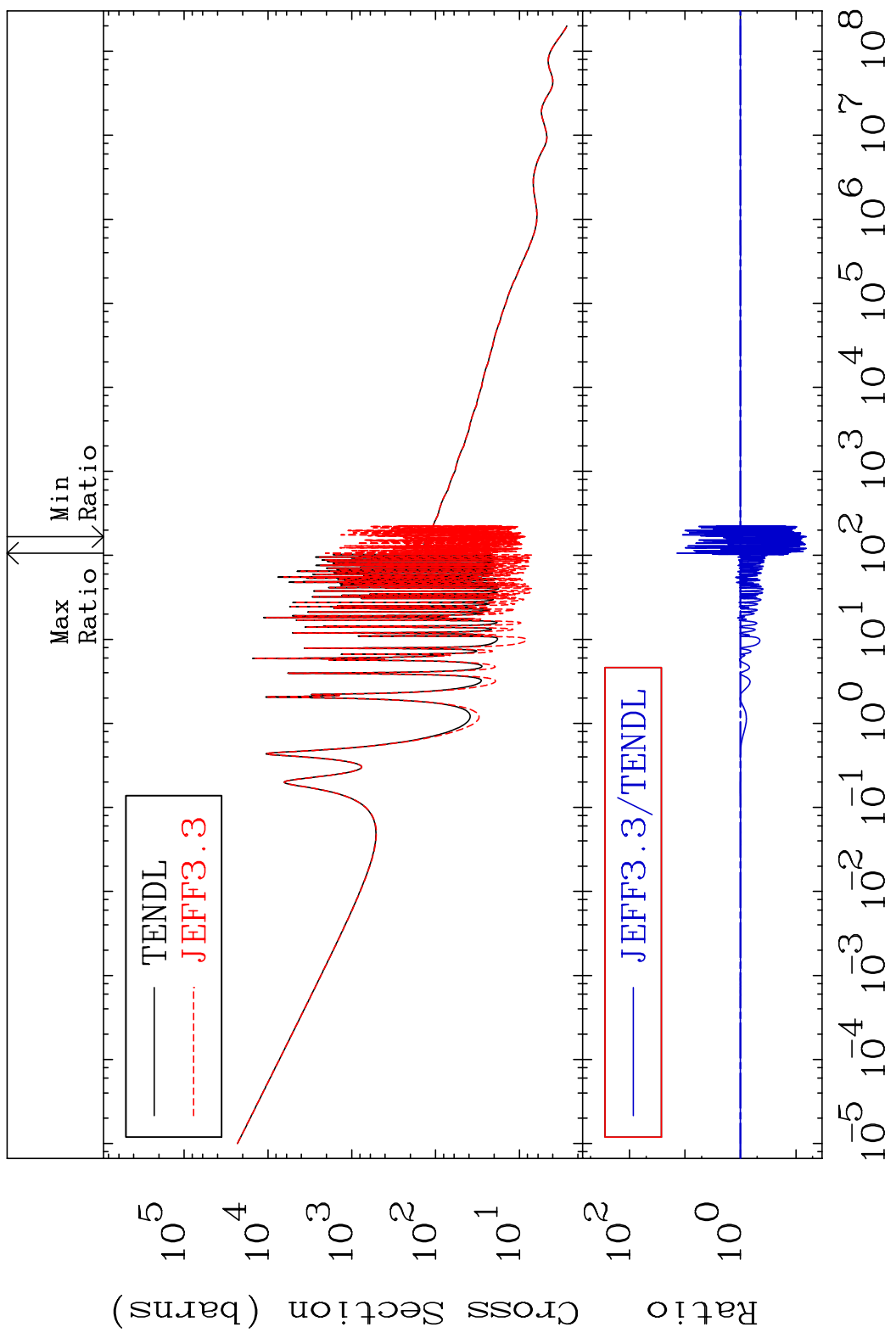
Tele: 925-443-1911

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 7326

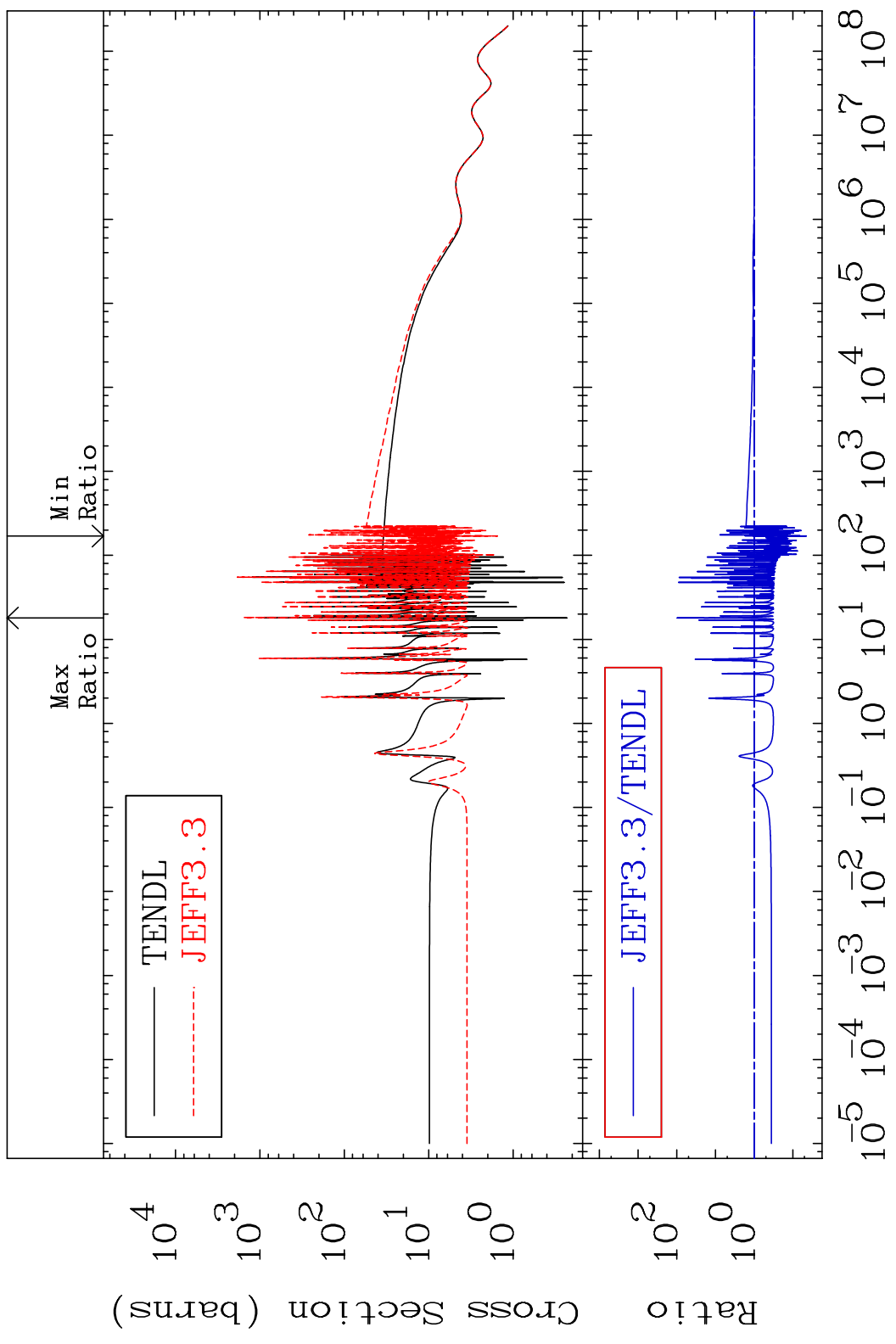
Total Cross Section -93.52 To 1279. %  
73-Ta-180m



1 Incident Energy (eV) 73-Ta-180m

MAT 7326

Elastic Cross Section -95.53 To 9679. %  
73-Ta-180m

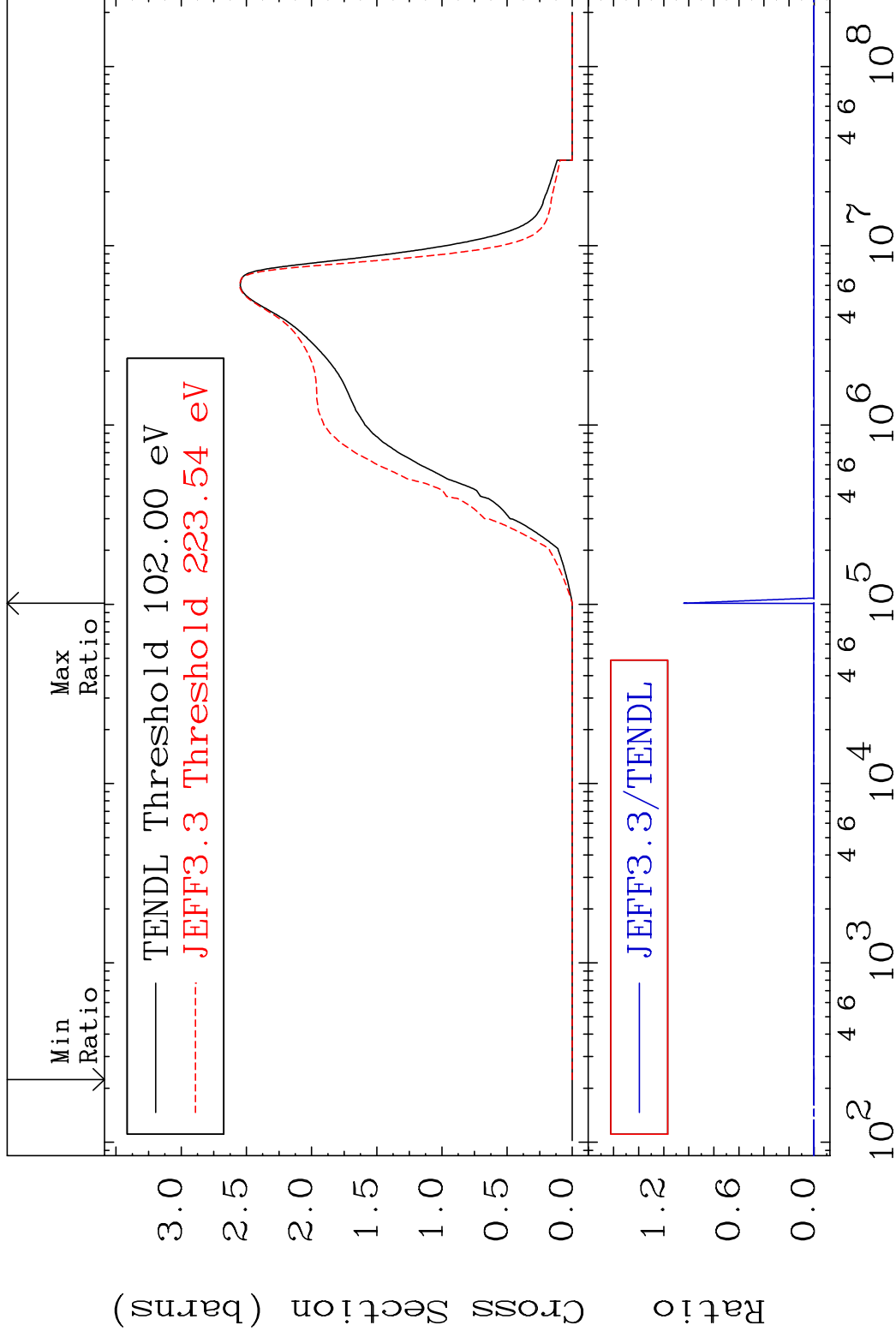


MAT 7326

Inelastic

73-Ta-180m

Cross Section -100.0 To 9999. %



3

Incident Energy (eV)

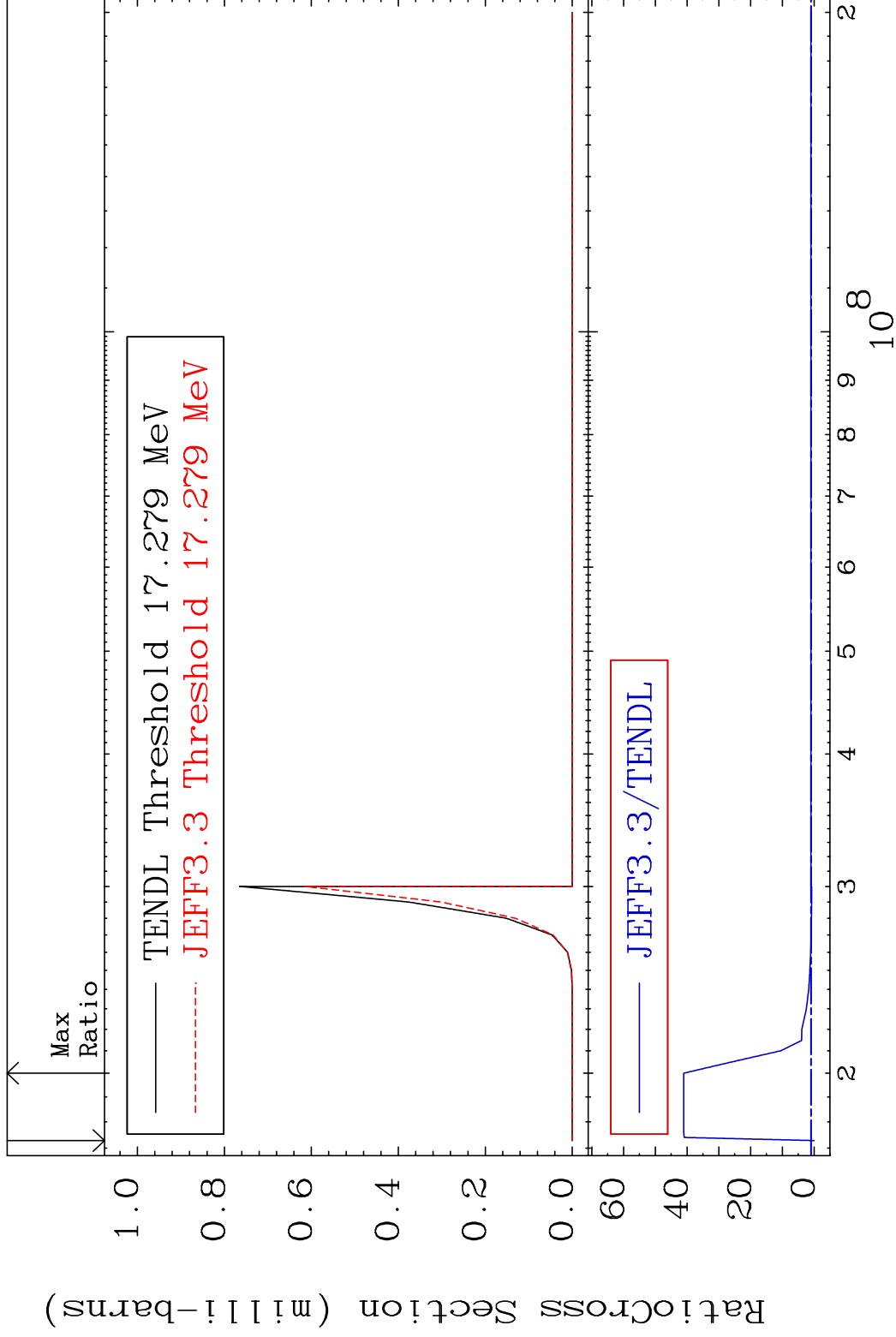
73-Ta-180m

MAT 7326

(n,2n) d

73-Ta-180m

Cross Section -100.0 To 4007. %

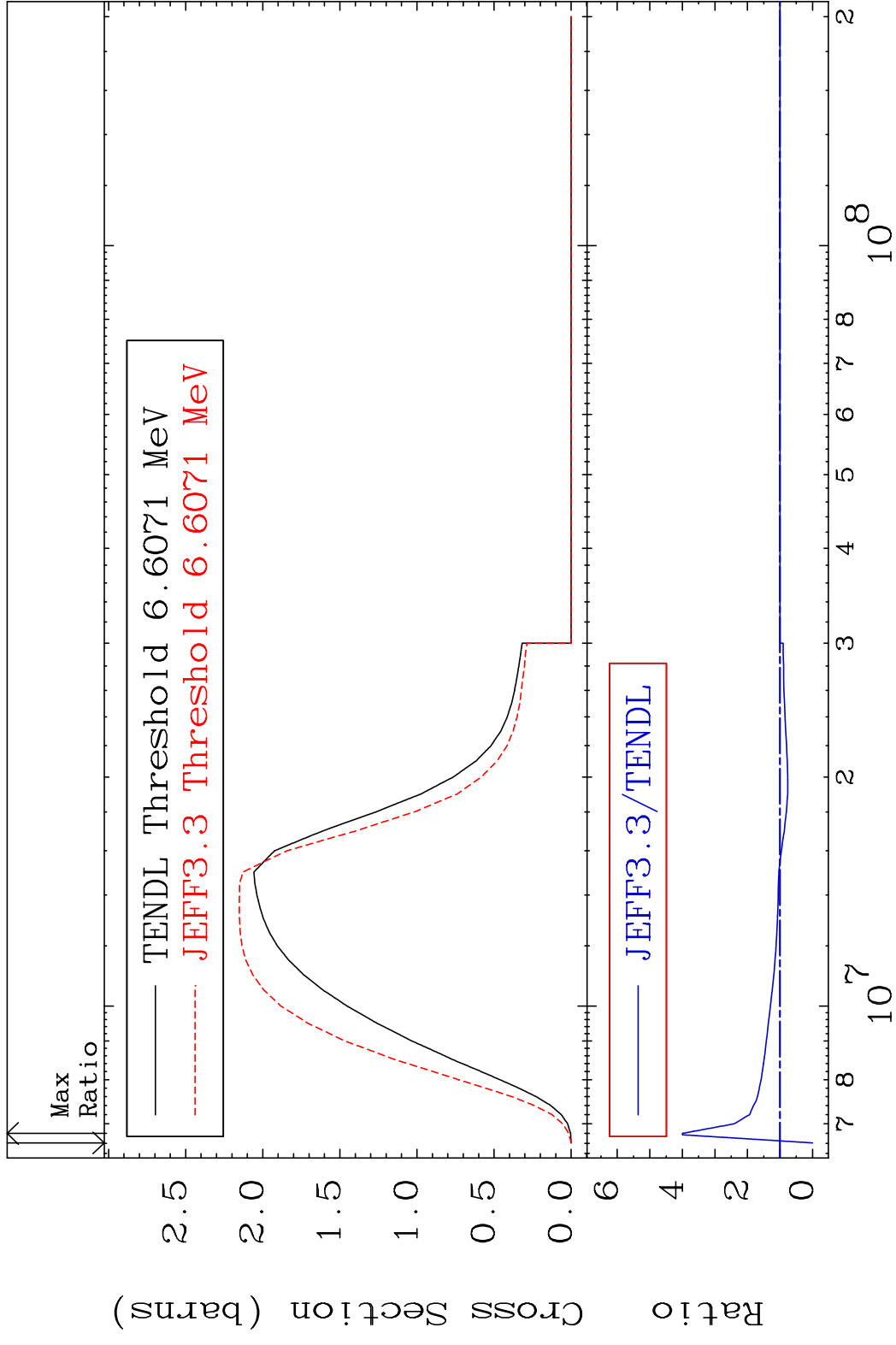


4

Incident Energy (eV)

73-Ta-180m

MAT 7326 (n,2n) 73-Ta-180m  
 Cross Section -100.0 To 300.0 %



5 Incident Energy (eV) 73-Ta-180m

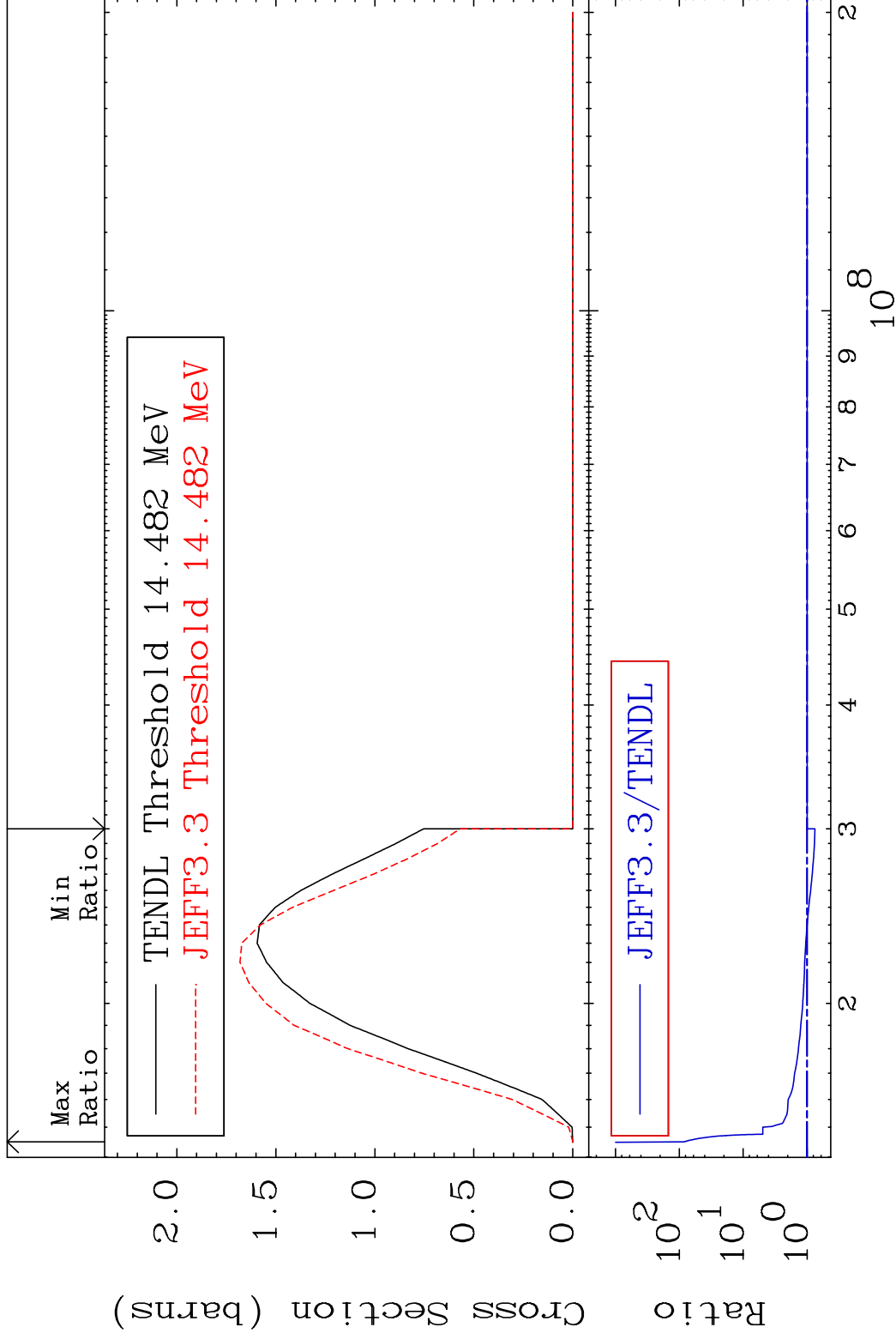
MAT 7326

(n,3n)

73-Ta-180m

Cross Section

-24.63 To 8259. %



6

Incident Energy (eV)

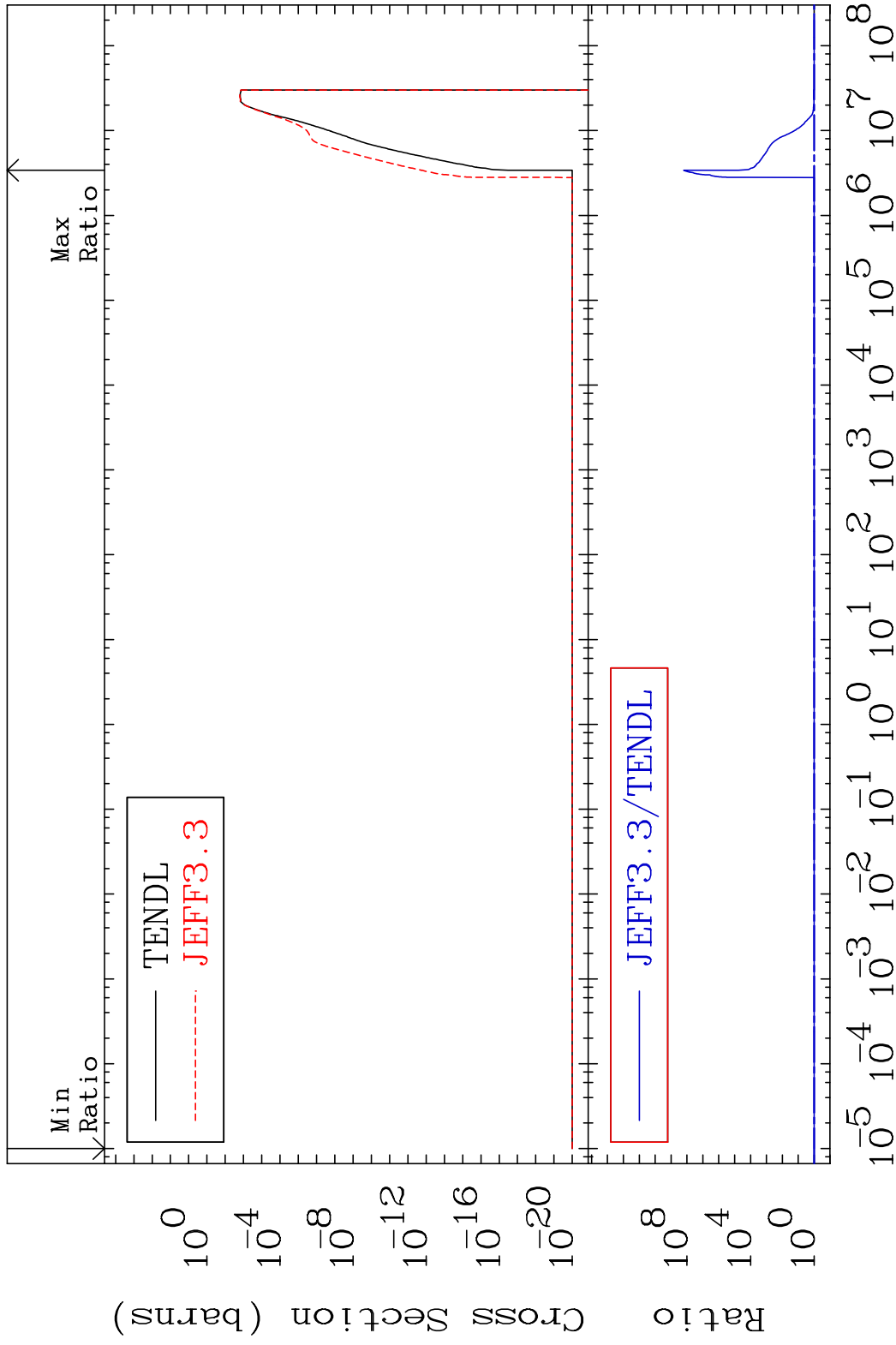
73-Ta-180m

MAT 7326

(n, n')  $\alpha$

73-Ta-180m

Cross Section 0.000 To 9999. %



7

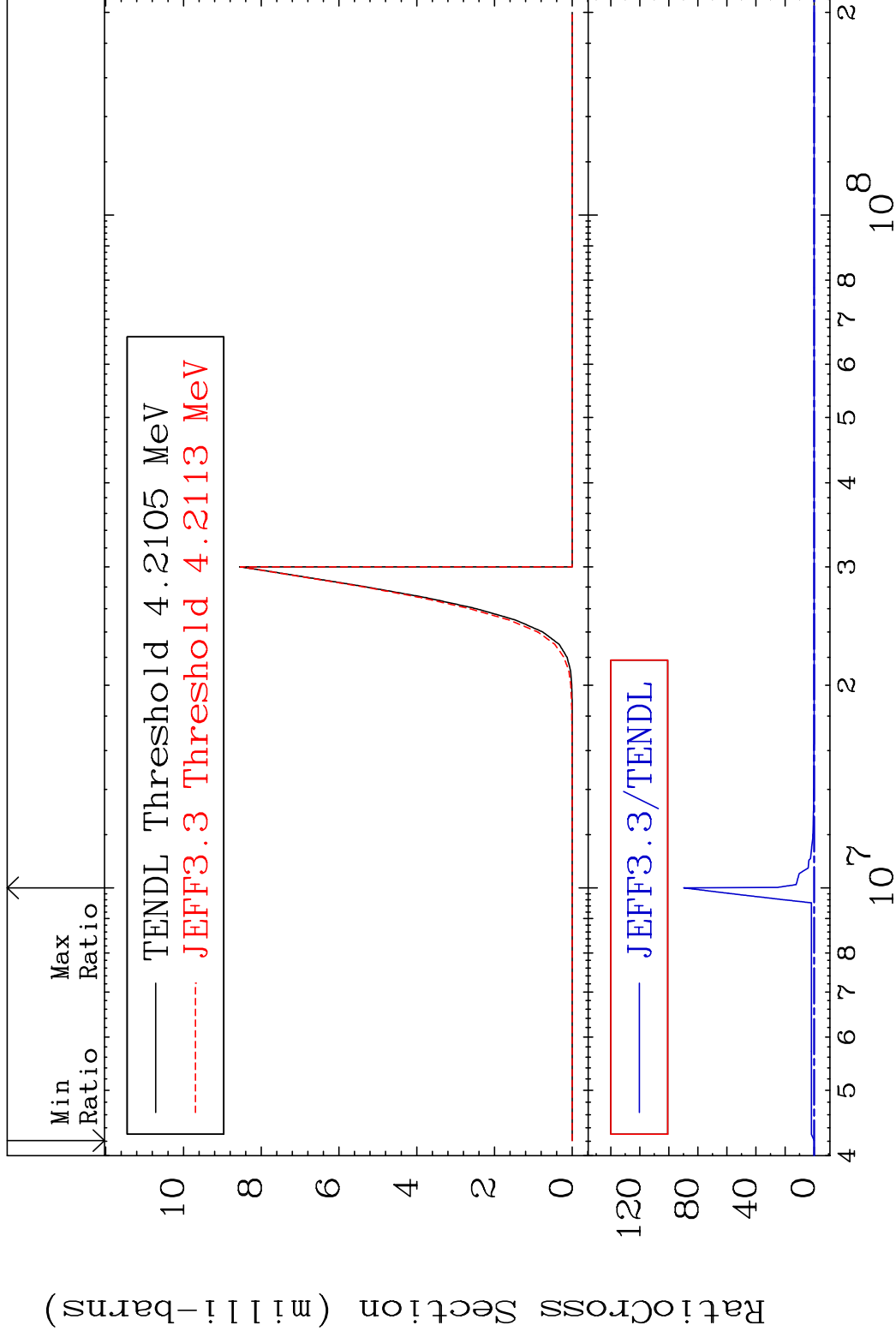
Incident Energy (eV)

73-Ta-180m



MAT 7326

(n,2n)  $\alpha$  73-Ta-180m  
Cross Section -100.0 To 9999. %



8

Incident Energy (eV)

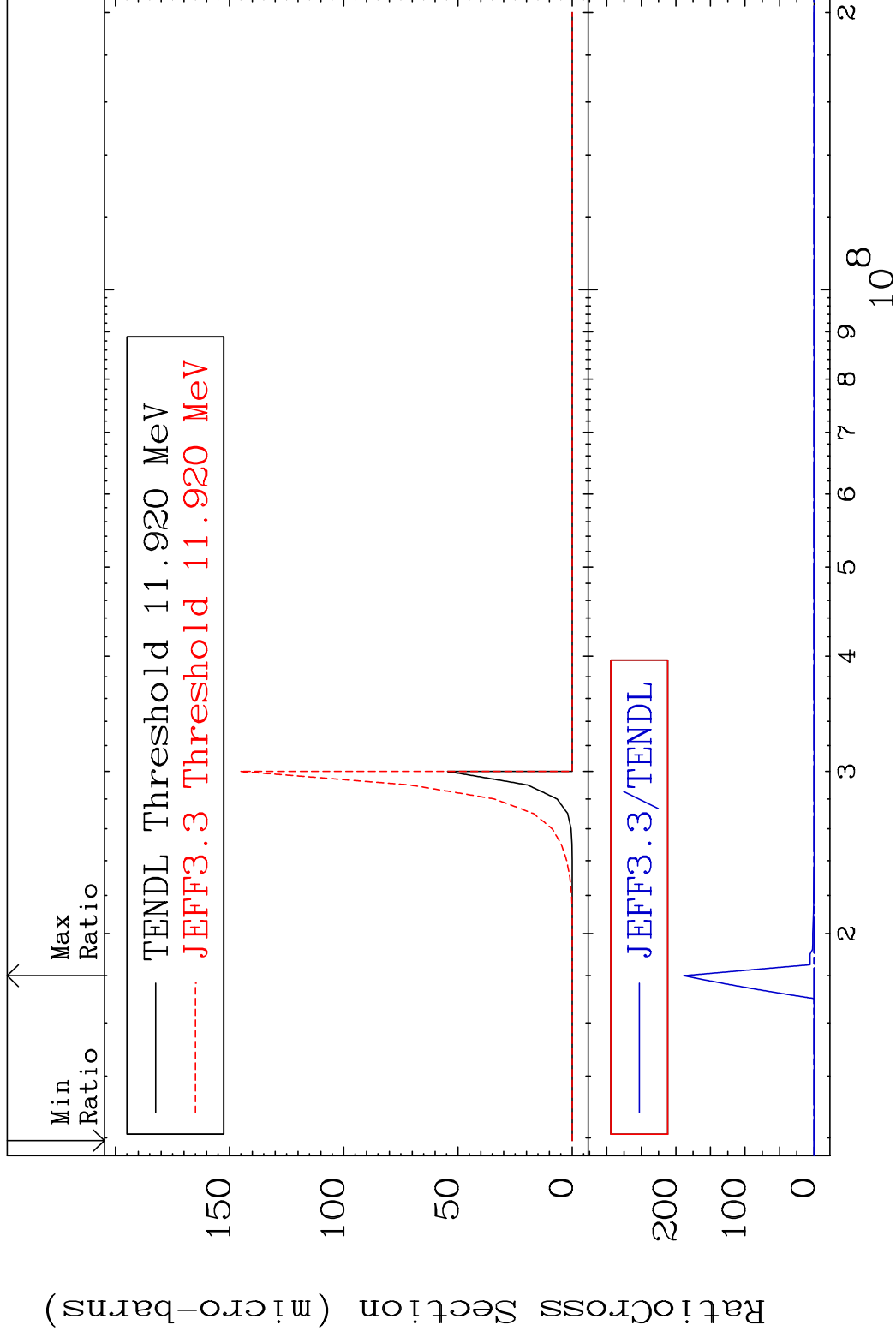
73-Ta-180m

MAT 7326

(n,3n)  $\alpha$

73-Ta-180m

Cross Section -100.0 To 9999. %

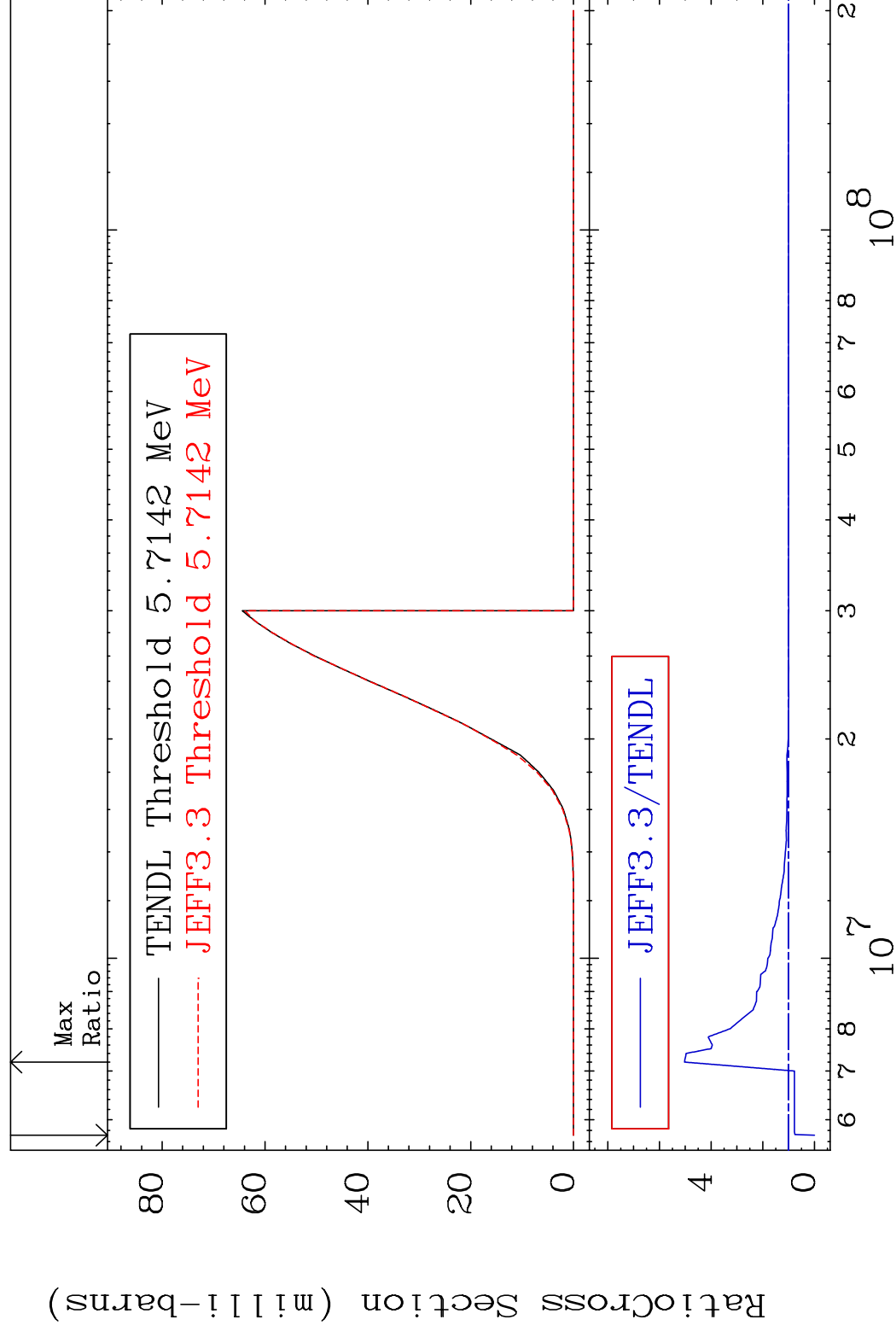


MAT 7326

(n, n') p

73-Ta-180m

Cross Section -100.0 To 403.2 %



10

Incident Energy (eV)

73-Ta-180m

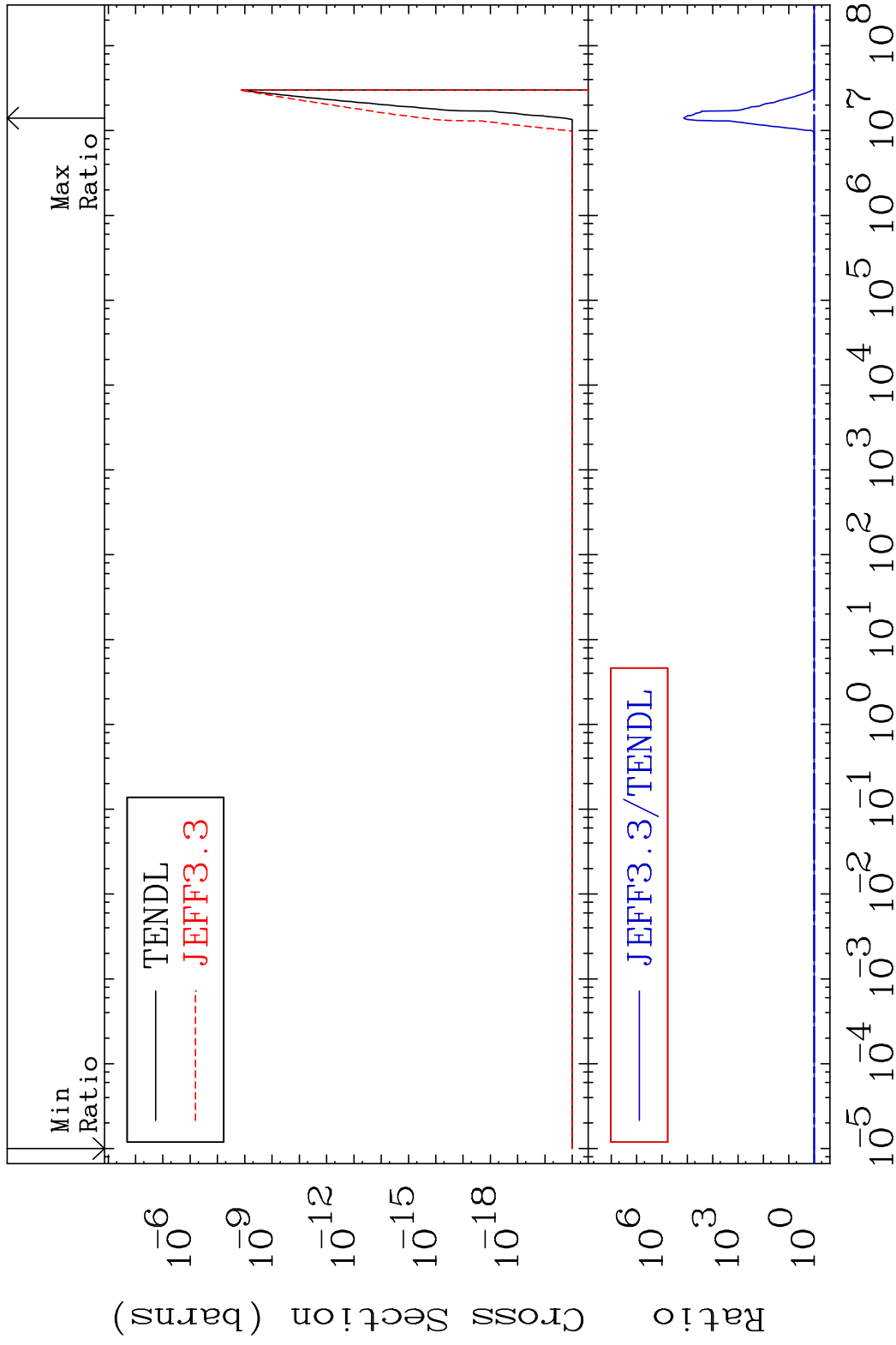
MAT 7326

(n, n') 2α

73-Ta-180m

Cross Section 0.000

To 9999. %



11

Incident Energy (eV)

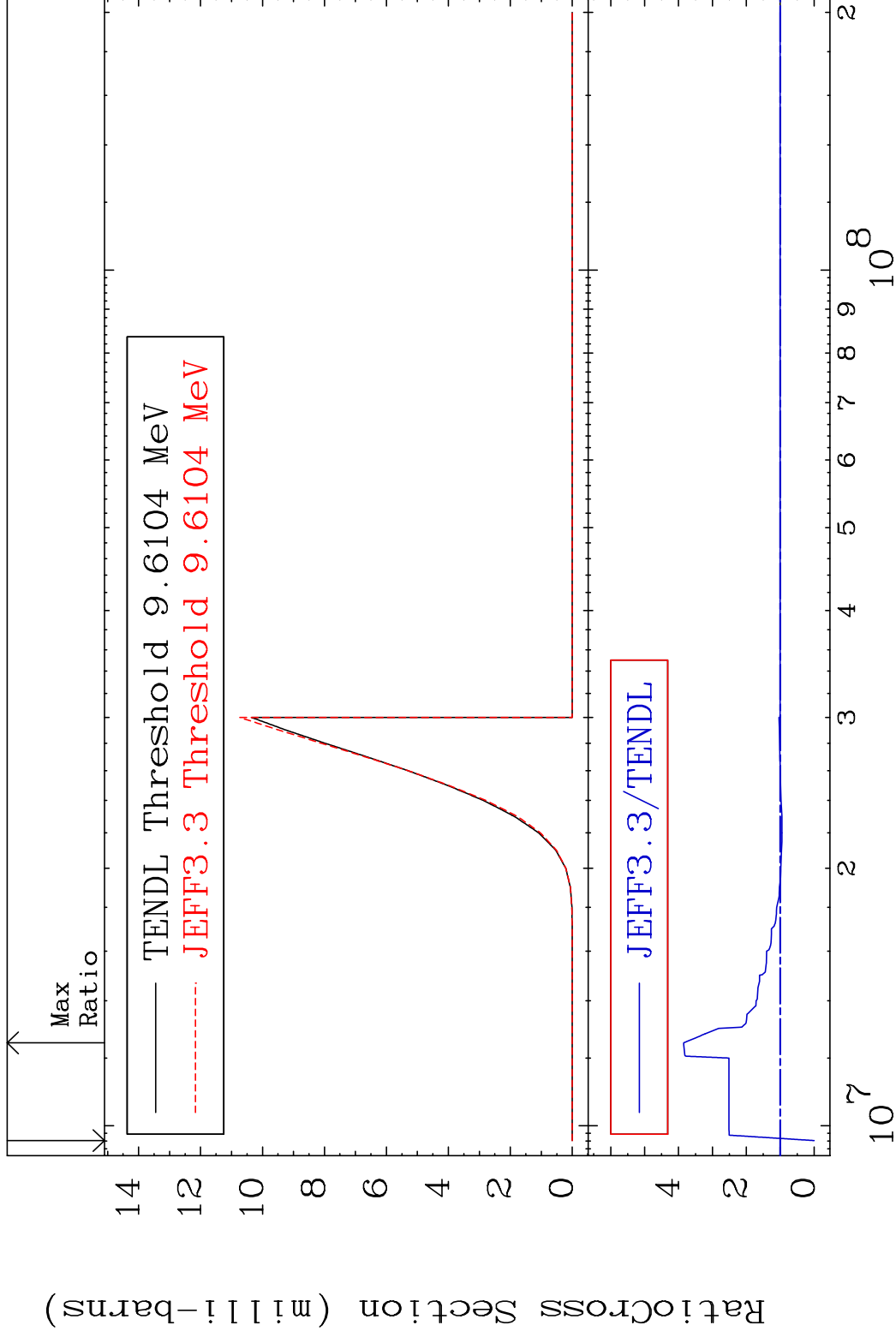
73-Ta-180m

MAT 7326

(n, n') d

73-Ta-180m

Cross Section -100.0 To 284.9 %



12

Incident Energy (eV)

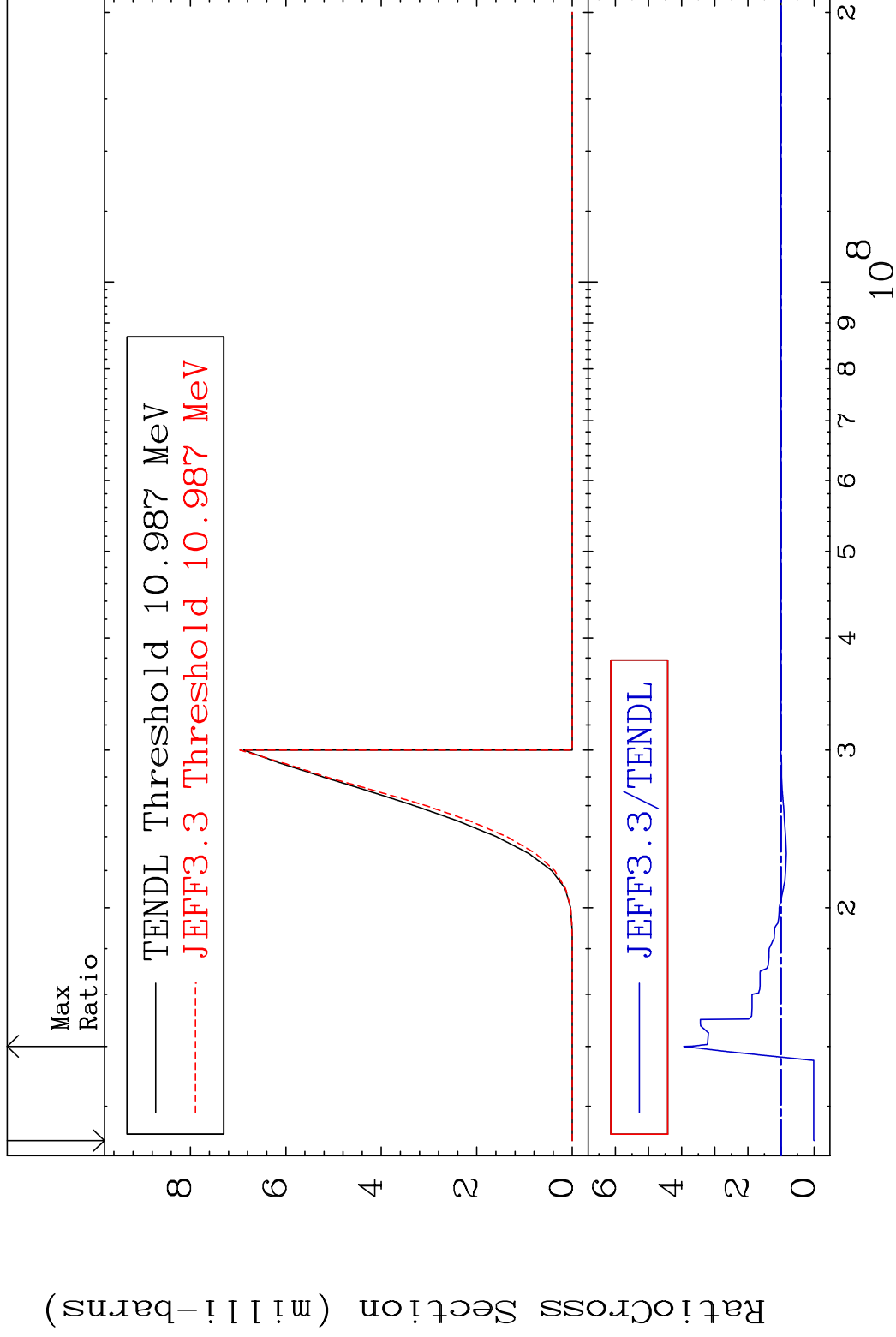
73-Ta-180m

MAT 7326

(n, n') t

73-Ta-180m

Cross Section -100.0 To 294.1 %



13

Incident Energy (eV)

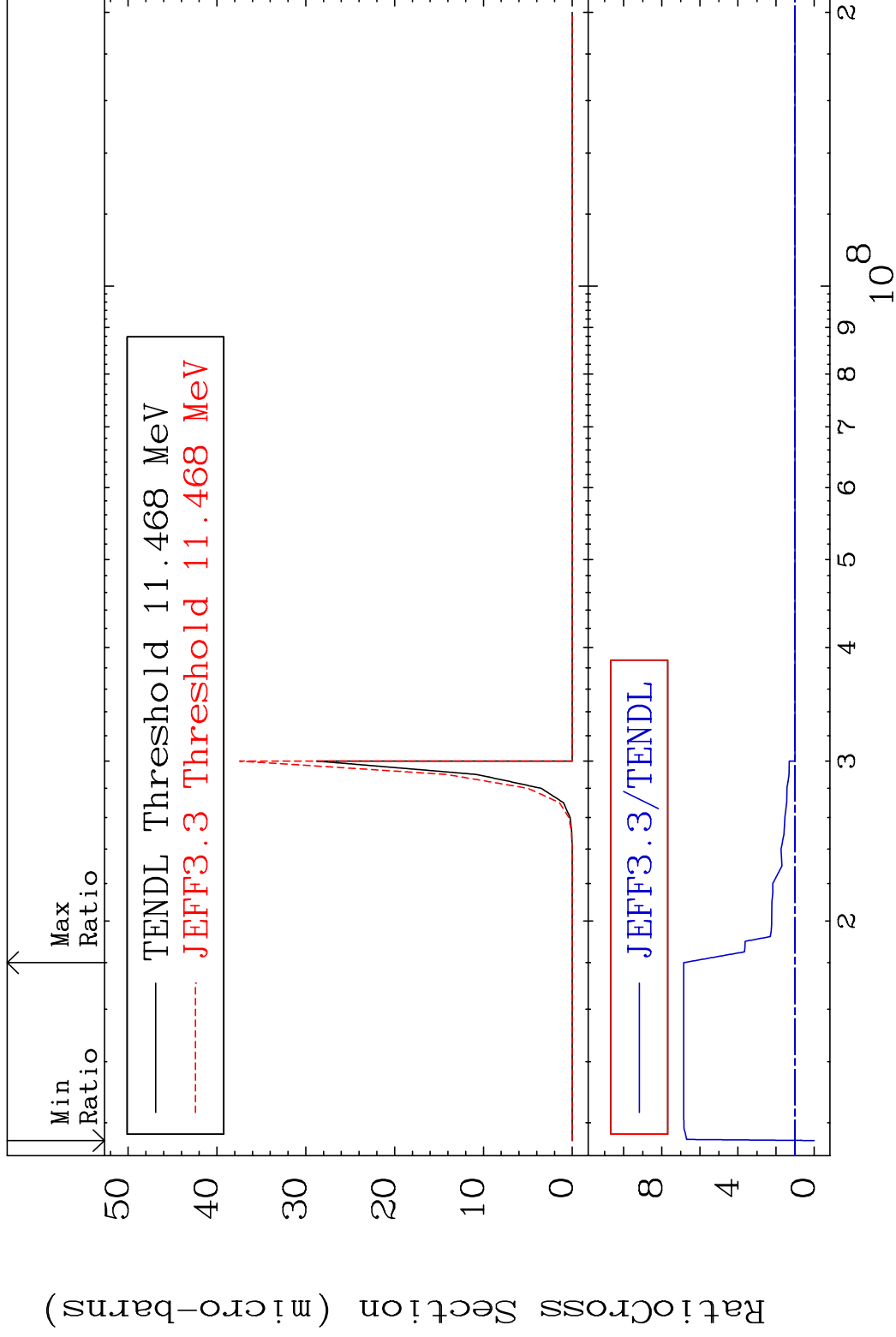
73-Ta-180m

MAT 7326

(n,n') He-3

73-Ta-180m

Cross Section -100.0 To 585.2 %

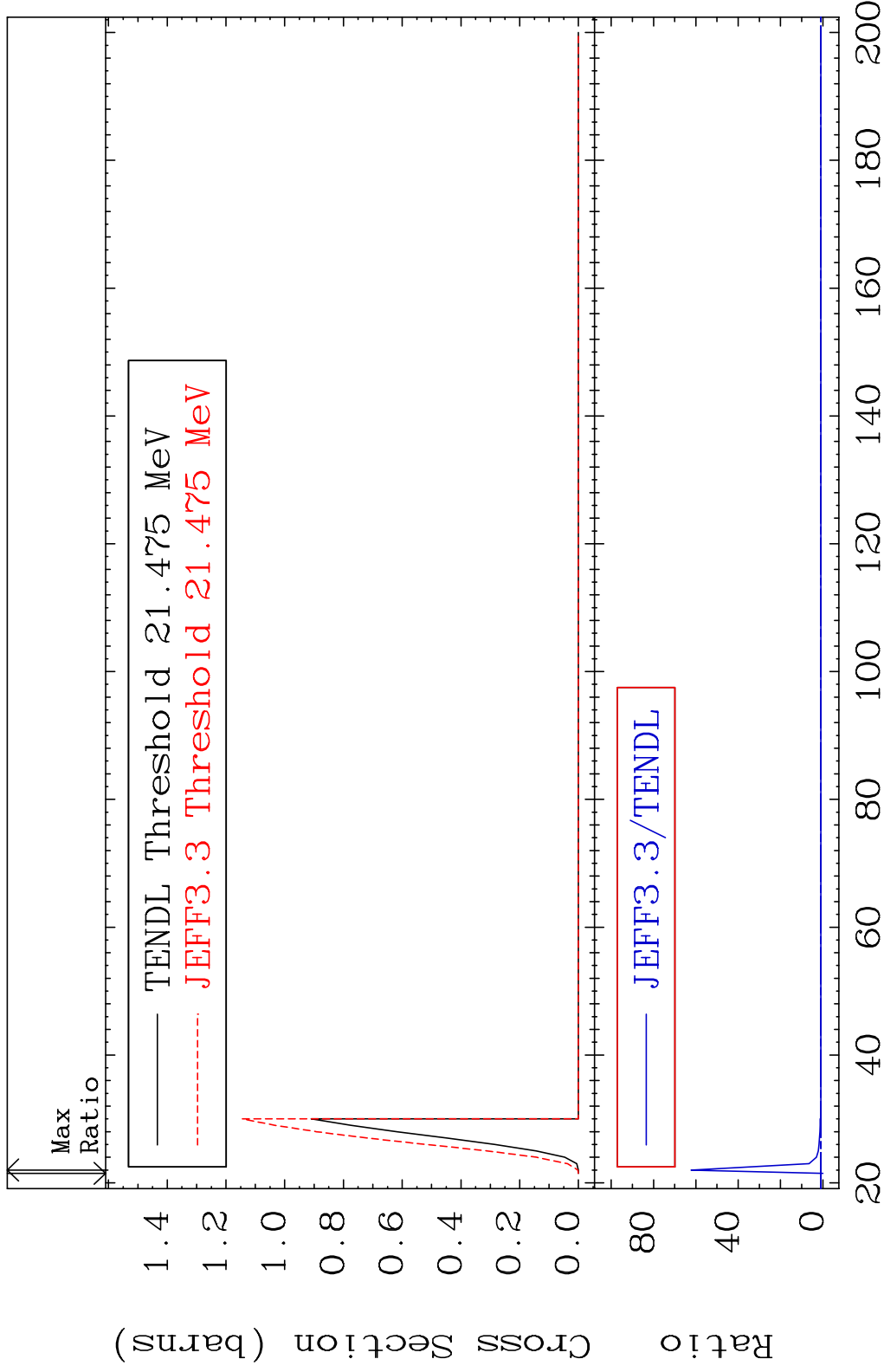


MAT 7326

(n,4n)

73-Ta-180m

Cross Section -100.0 To 6129. %



15

Incident Energy (MeV)

73-Ta-180m

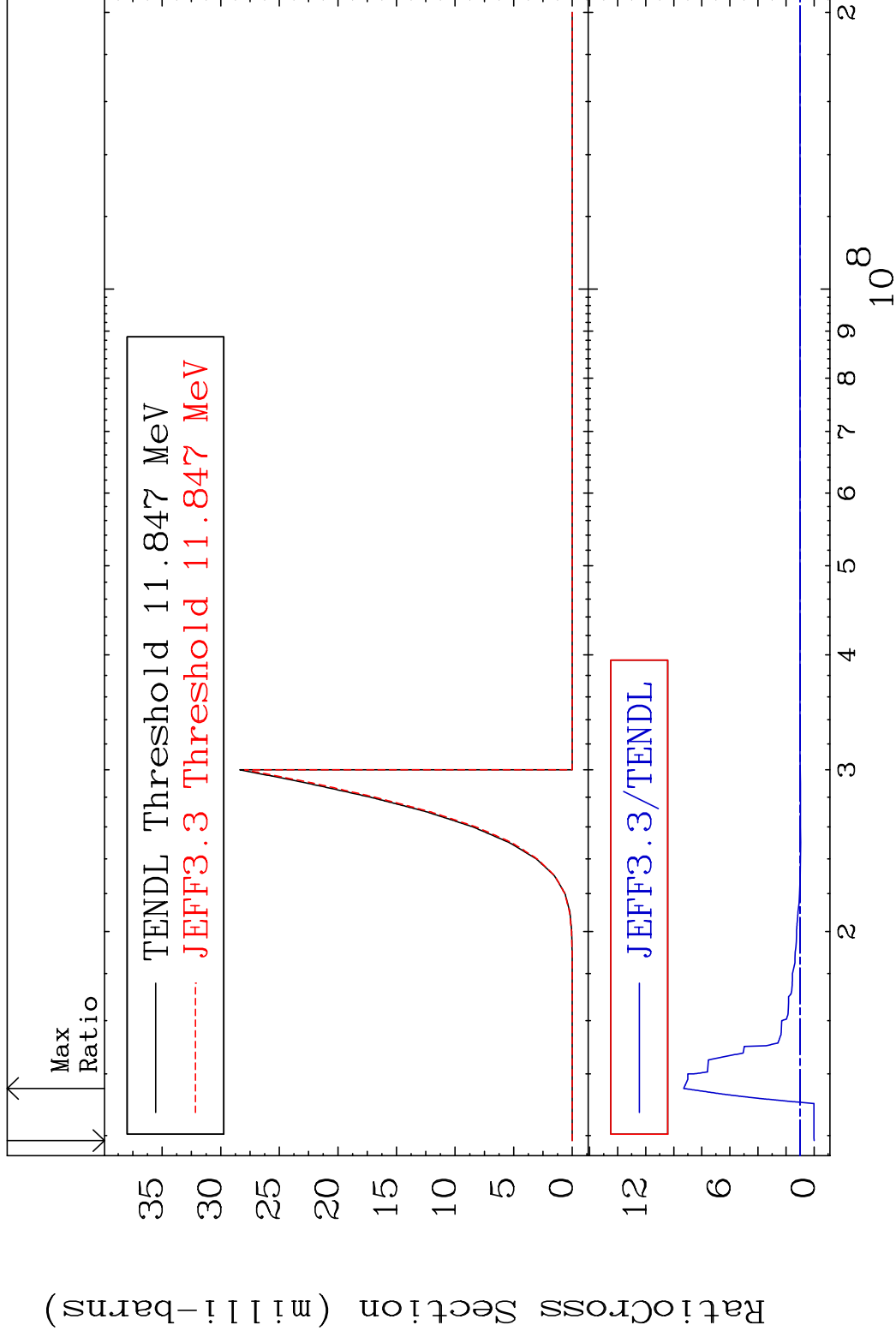


MAT 7326

(n,2n) p

73-Ta-180m

Cross Section -100.0 To 829.7 %

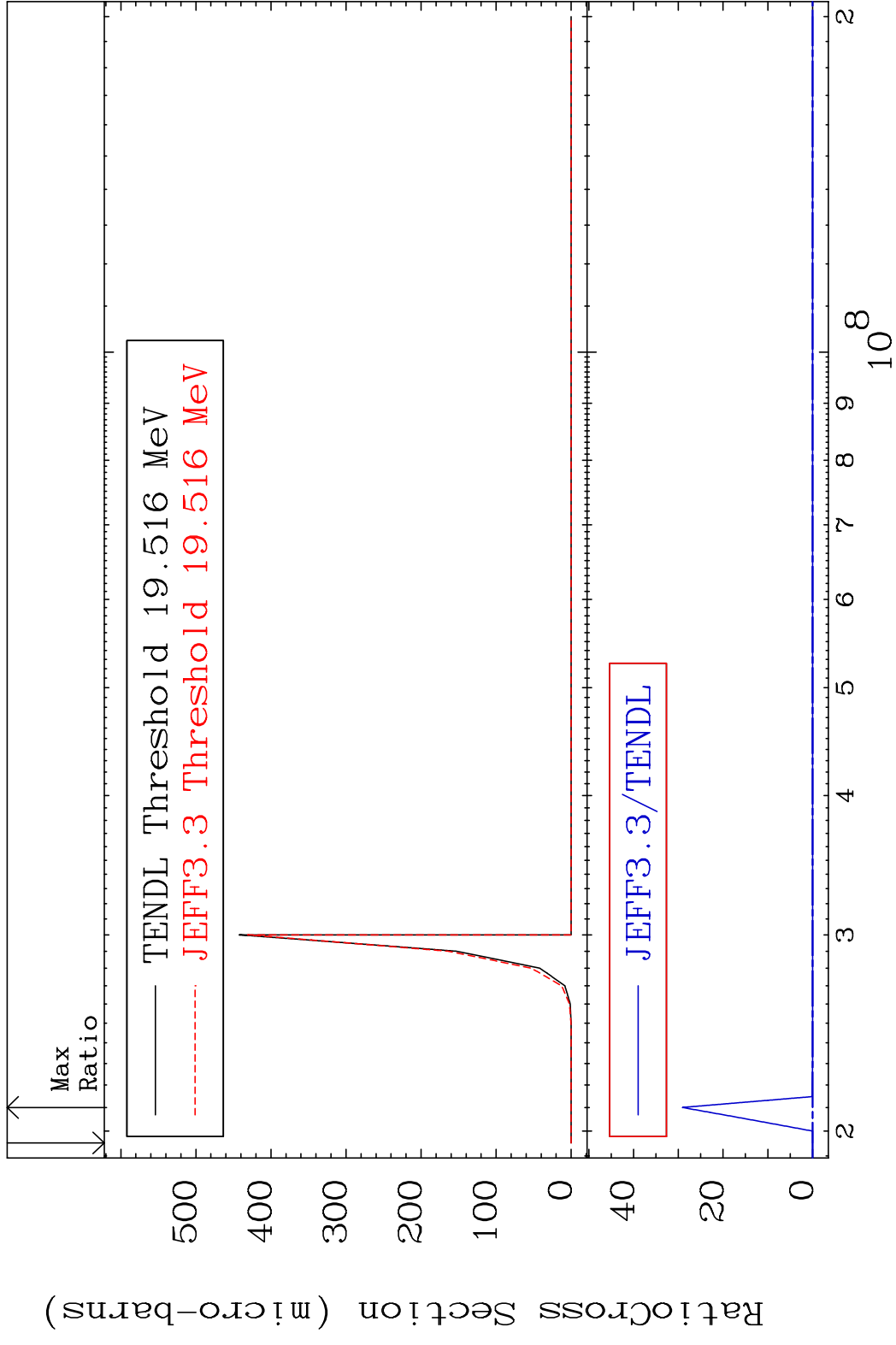


16

Incident Energy (eV)

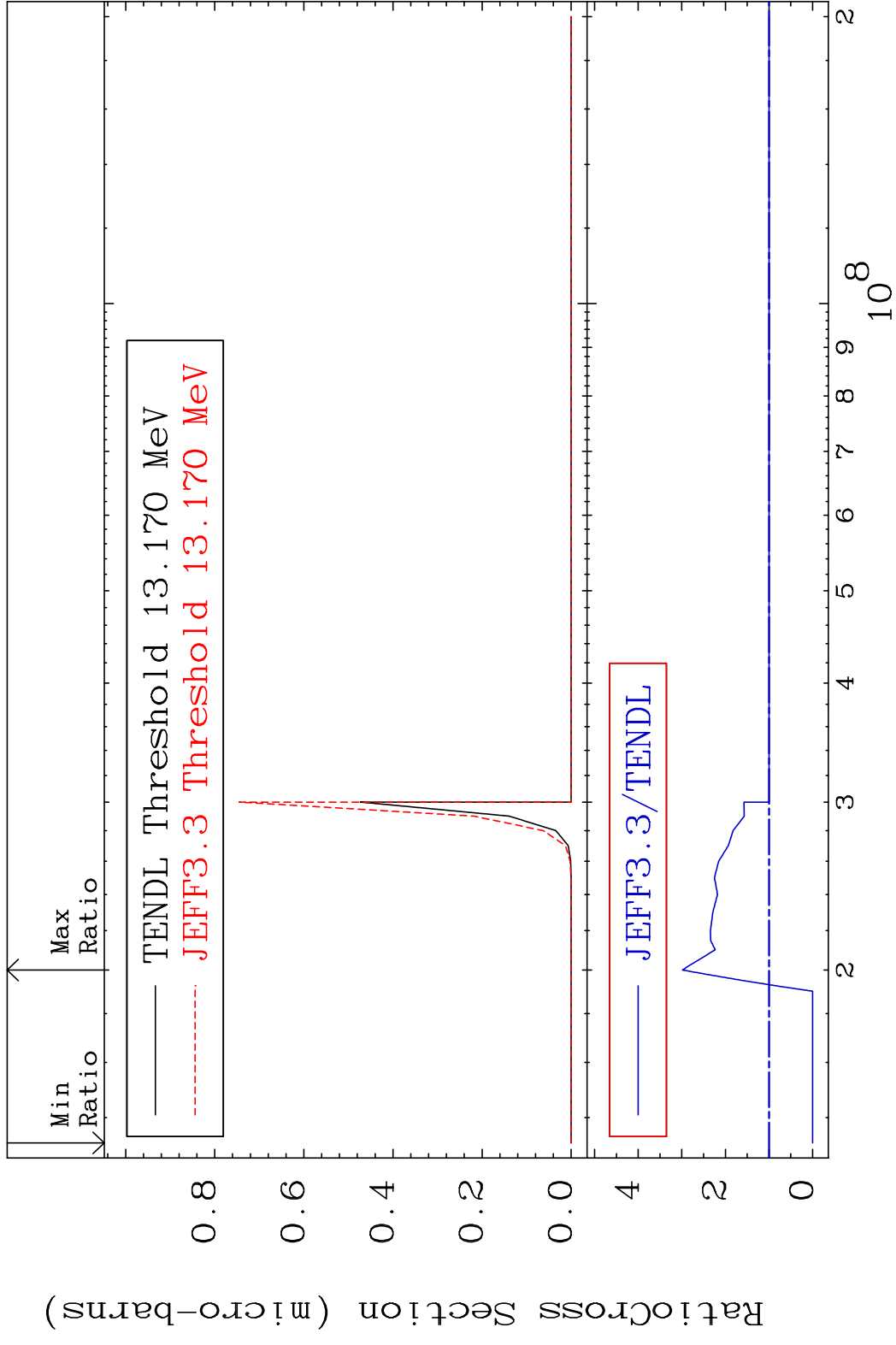
73-Ta-180m

MAT 7326 (n,3n) p 73-Ta-180m  
 Cross Section -100.0 To 9999. %



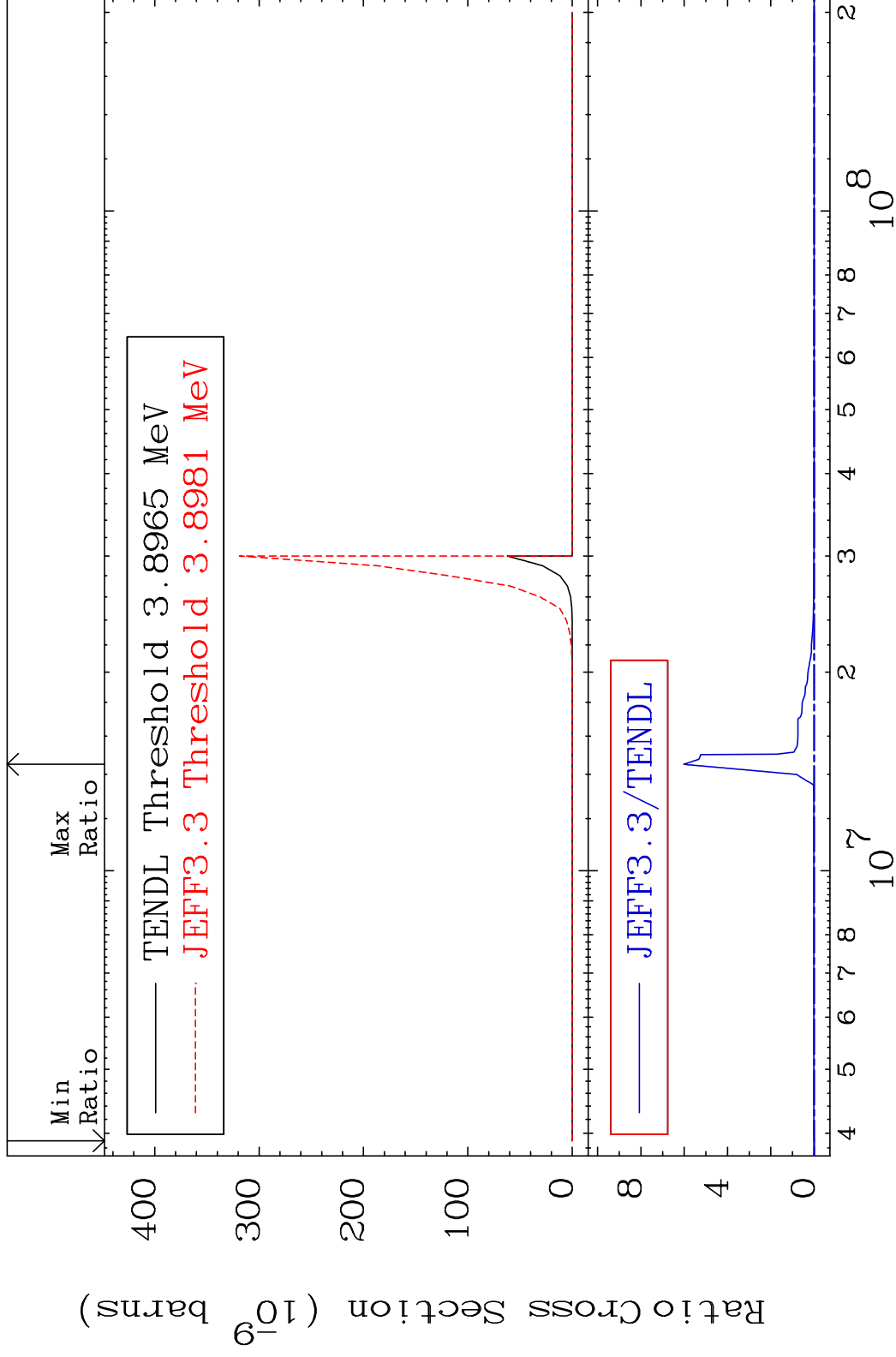
17 73-Ta-180m

MAT 7326 (n,2n) p 73-Ta-180m  
 Cross Section -100.0 To 198.7 %



MAT 7326

(n,n') p  $\alpha$  73-Ta-180m  
Cross Section -100.0 To 9999. %

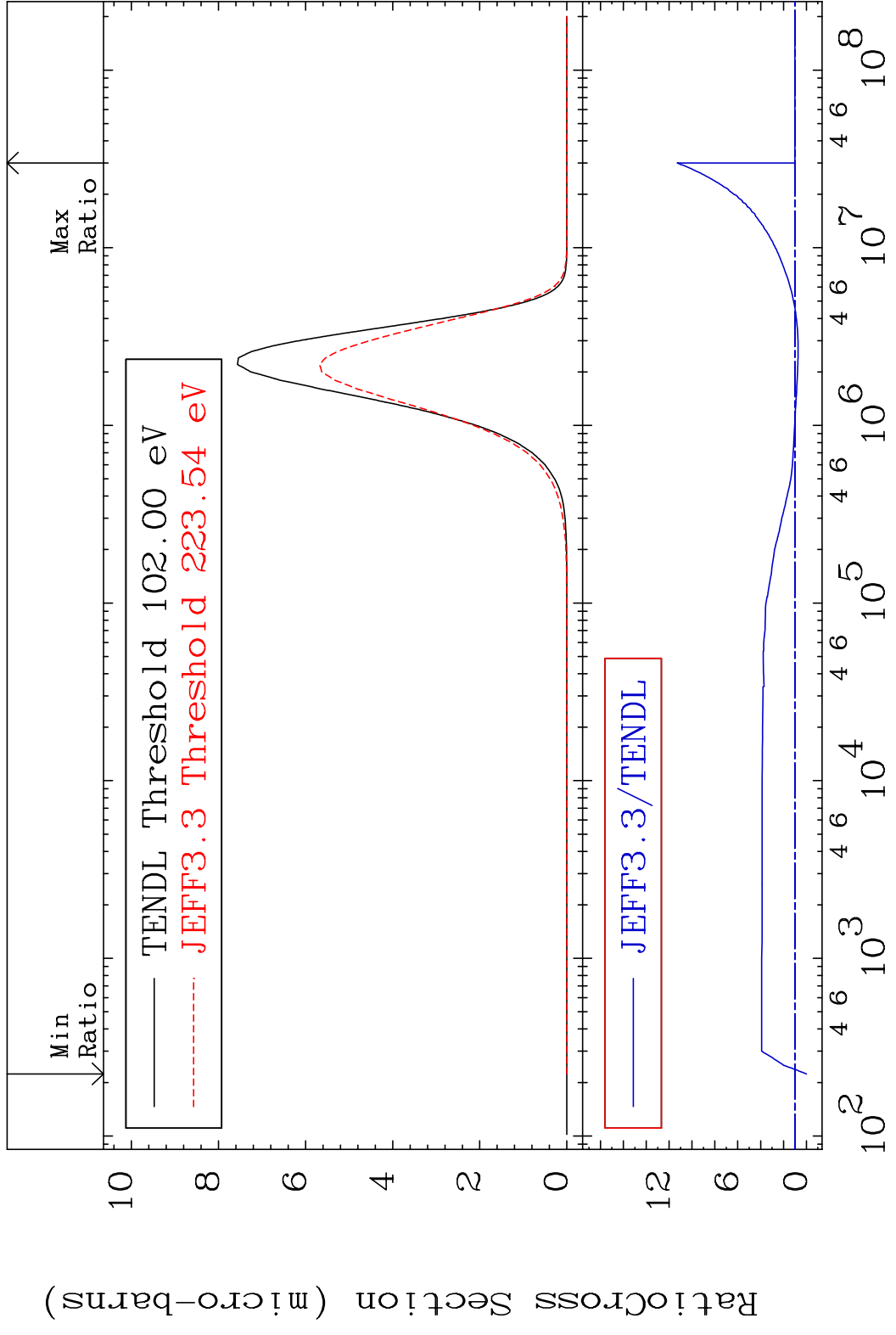


19

Incident Energy (eV)

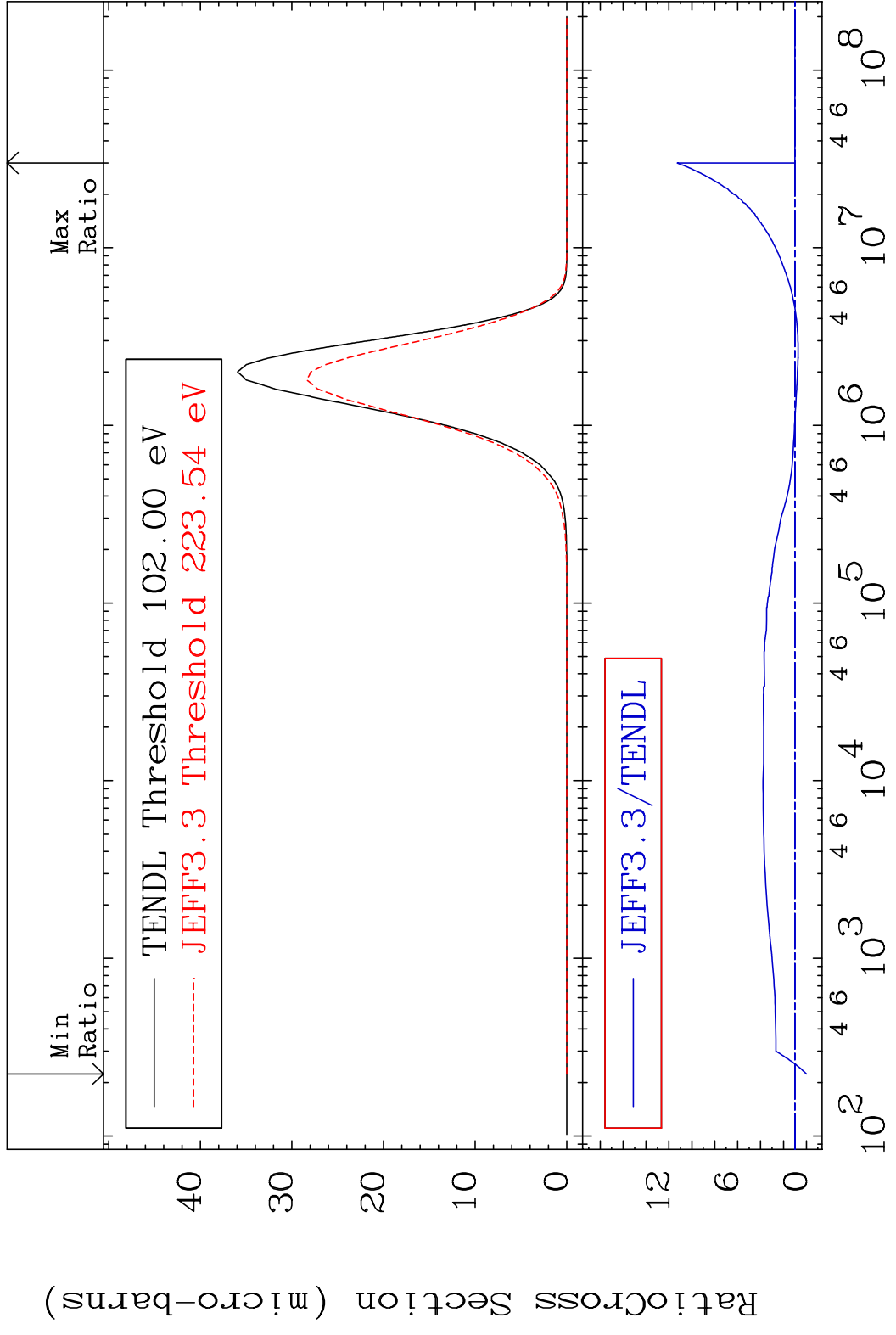
73-Ta-180m

MAT 7326 MT= 51 (n,n') Level 73-Ta-180m  
 Cross Section -100.0 To 1029. %



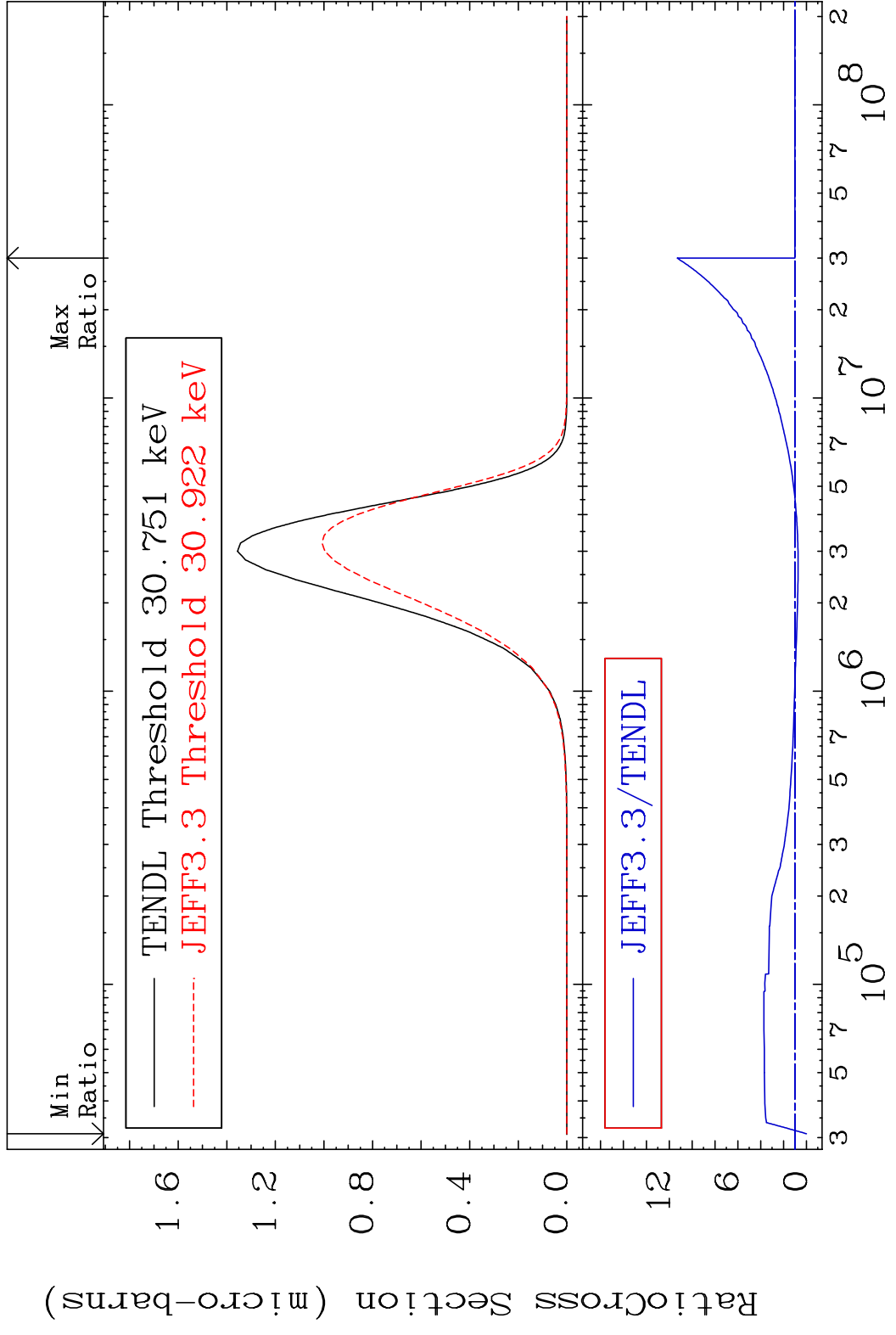
20 Incident Energy (eV) 73-Ta-180m

MAT 7326 MT= 52 (n, n') Level 73-Ta-180m  
 Cross Section -100.0 To 1028. %

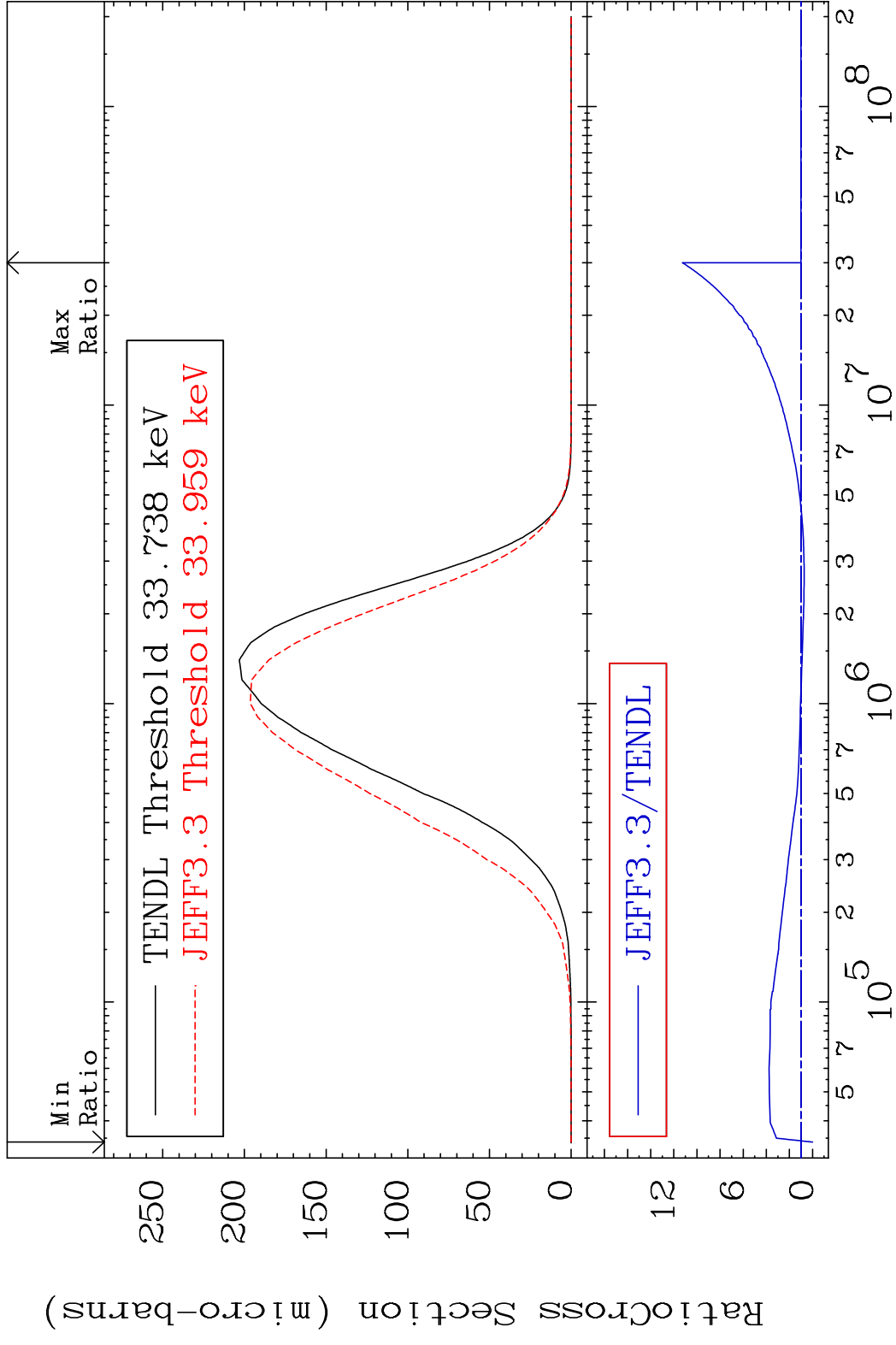


21 Incident Energy (eV) 73-Ta-180m

MAT 7326 MT= 53 (n, n') Level 73-Ta-180m  
 Cross Section -100.0 To 1030. %

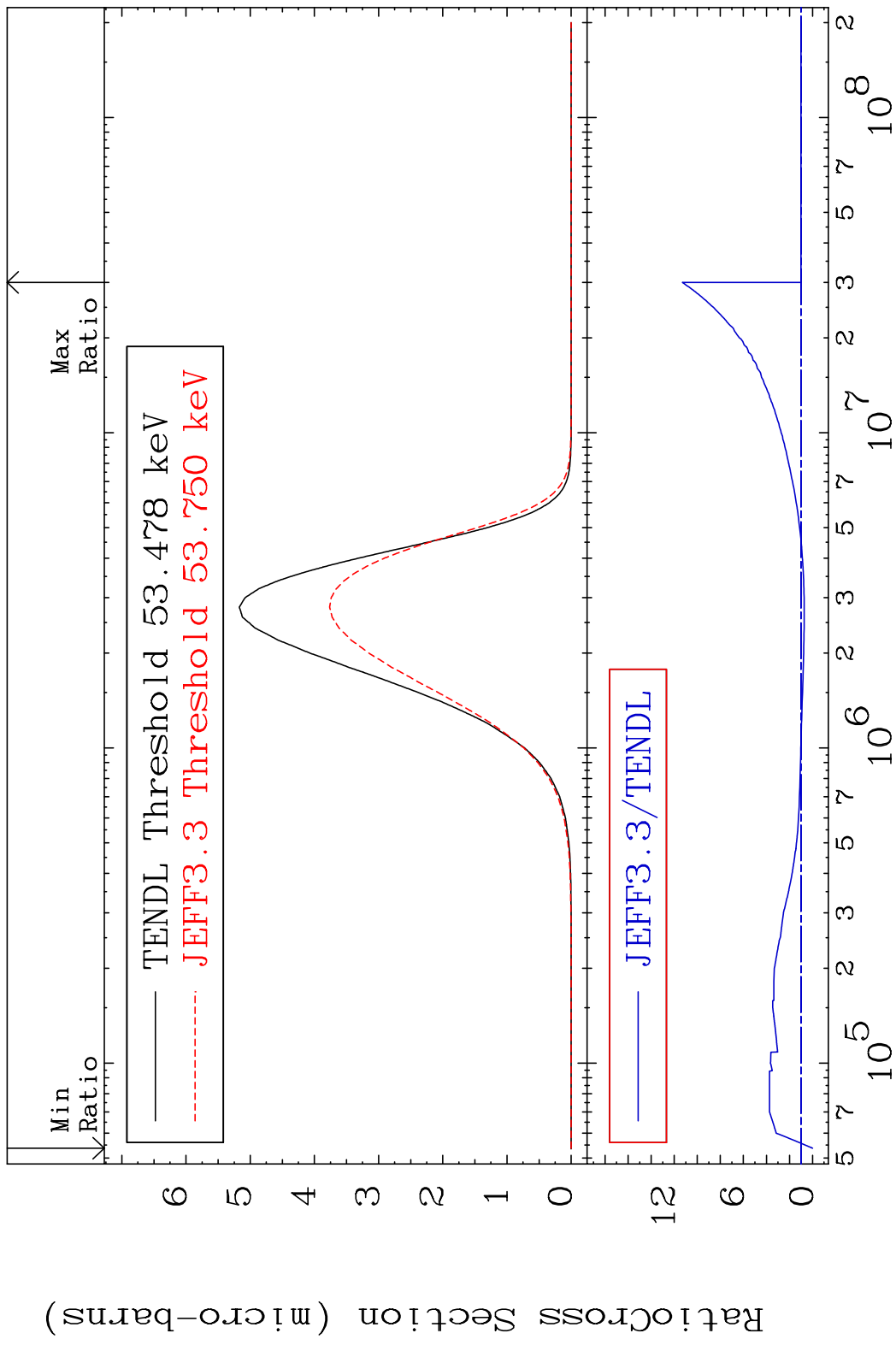


MAT 7326 MT= 54 (n, n') Level 73-Ta-180m  
 Cross Section -100.0 To 1026. %

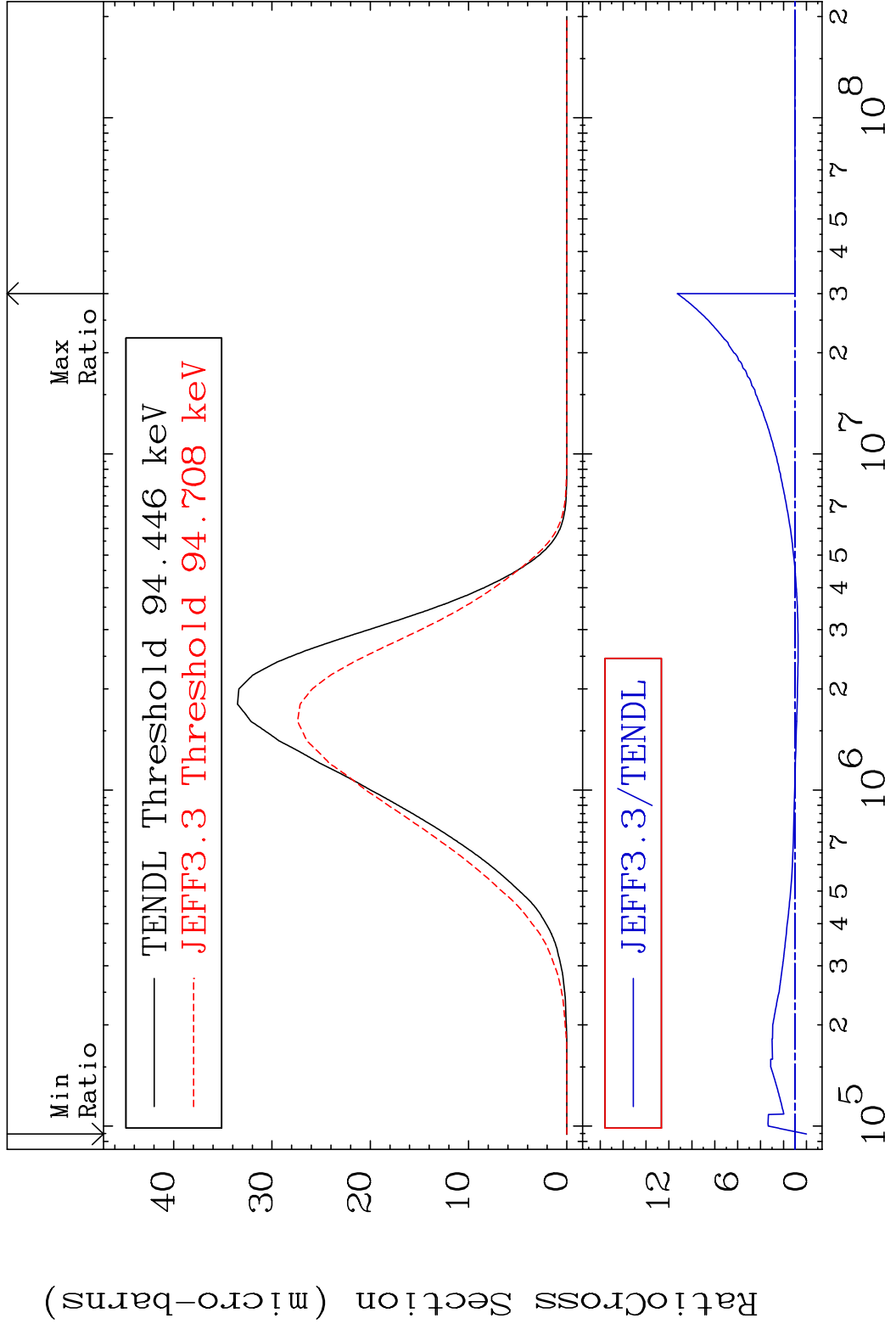




MAT 7326 MT= 55 (n, n') Level 73-Ta-180m  
 Cross Section -100.0 To 1029. %

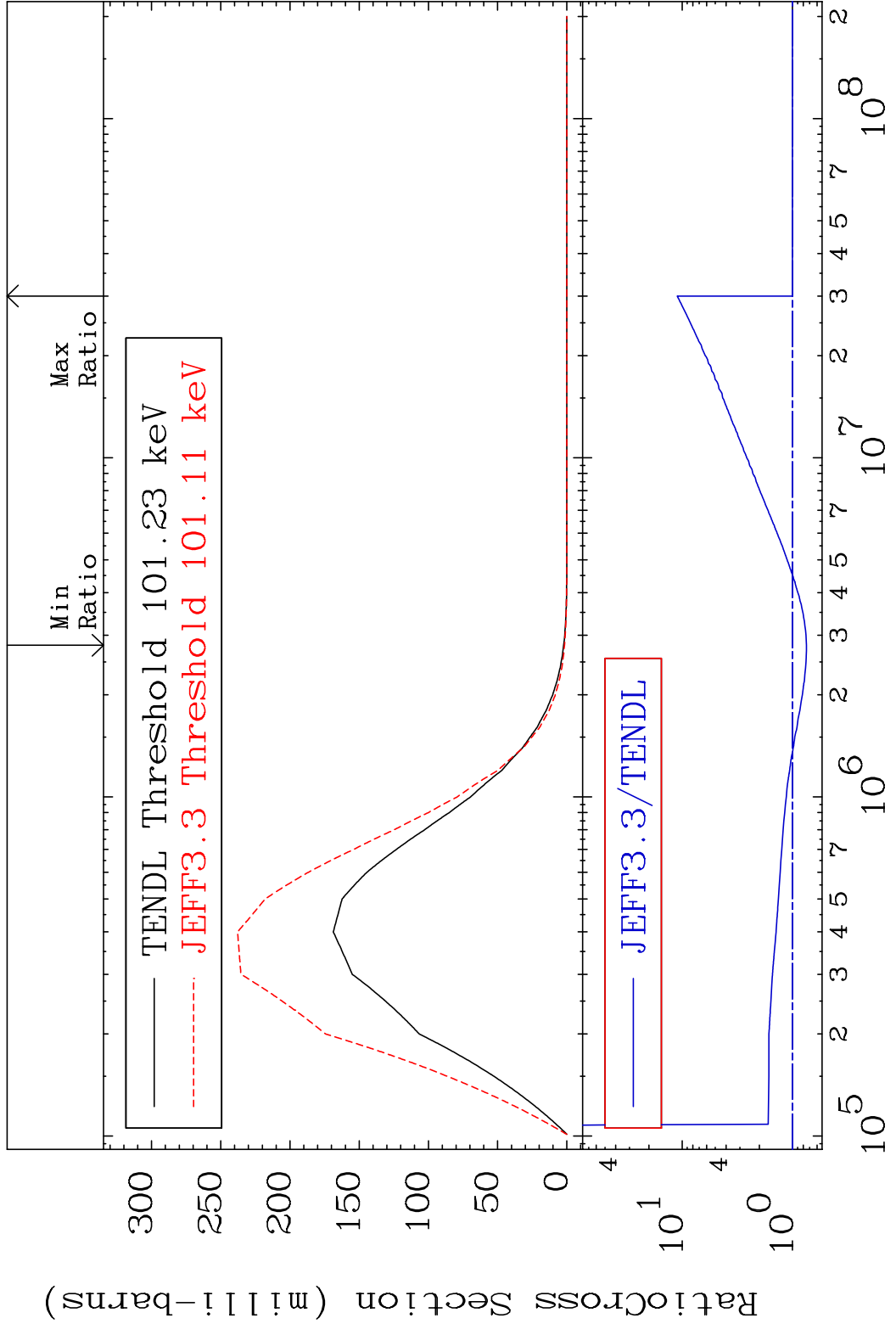


MAT 7326 MT= 56 (n, n') Level 73-Ta-180m  
 Cross Section -100.0 To 1028. %



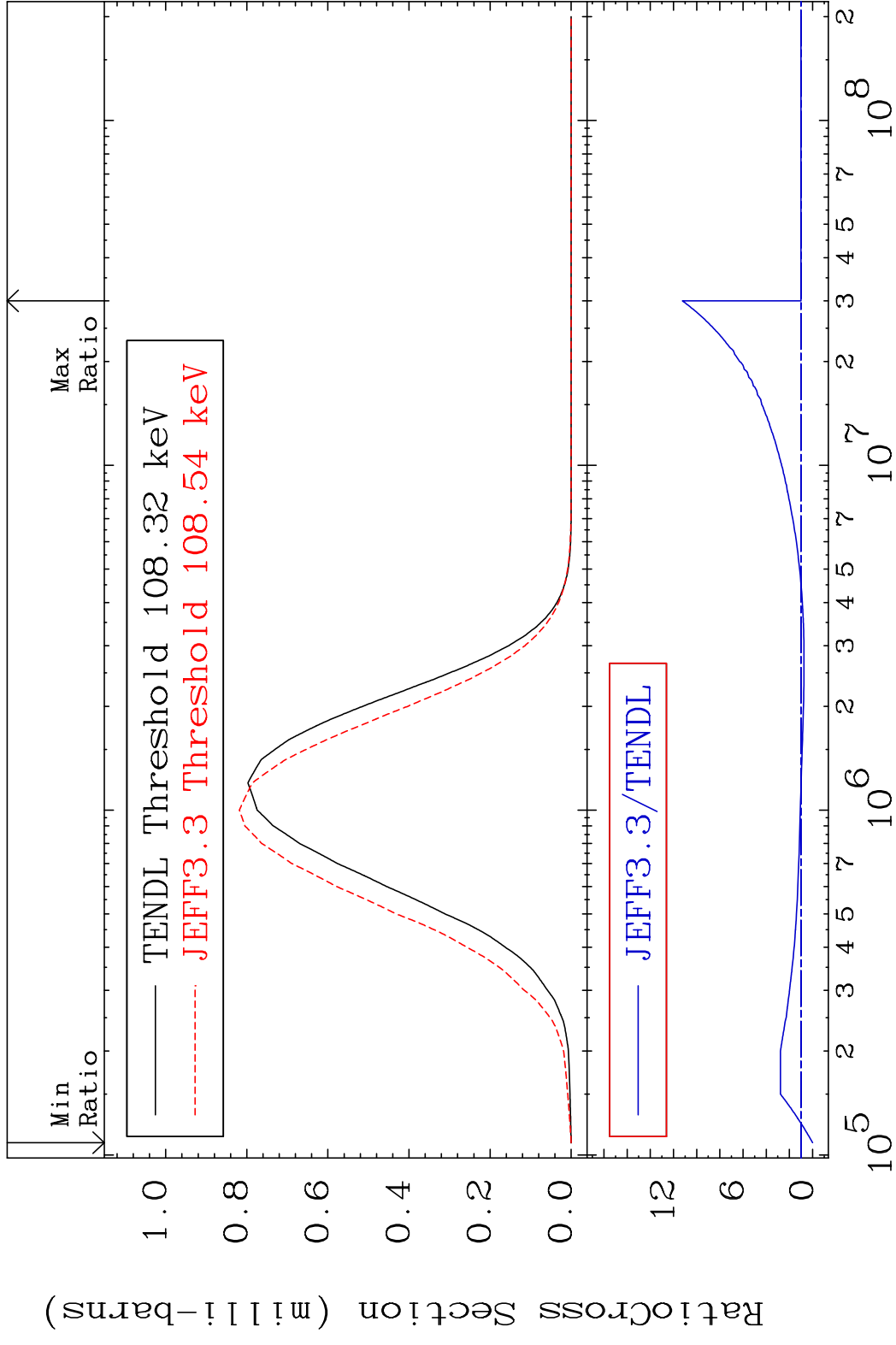
25 73-Ta-180m

MAT 7326 MT= 57 (n, n') Level 73-Ta-180m  
 Cross Section -25.14 To 1008. %



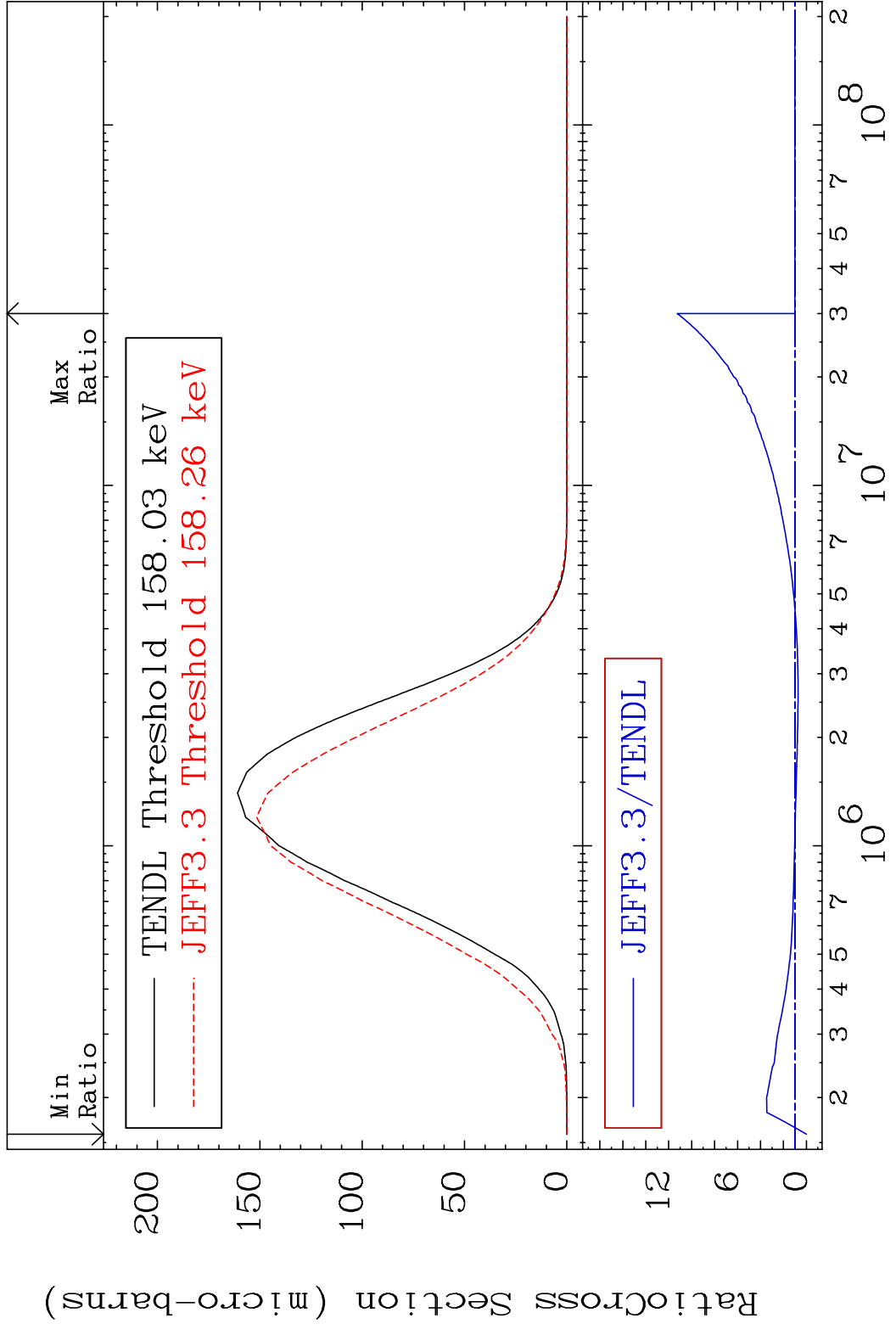
26 Incident Energy (eV) 73-Ta-180m

MAT 7326 MT= 58 (n,n') Level 73-Ta-180m  
 Cross Section -100.0 To 1023. %

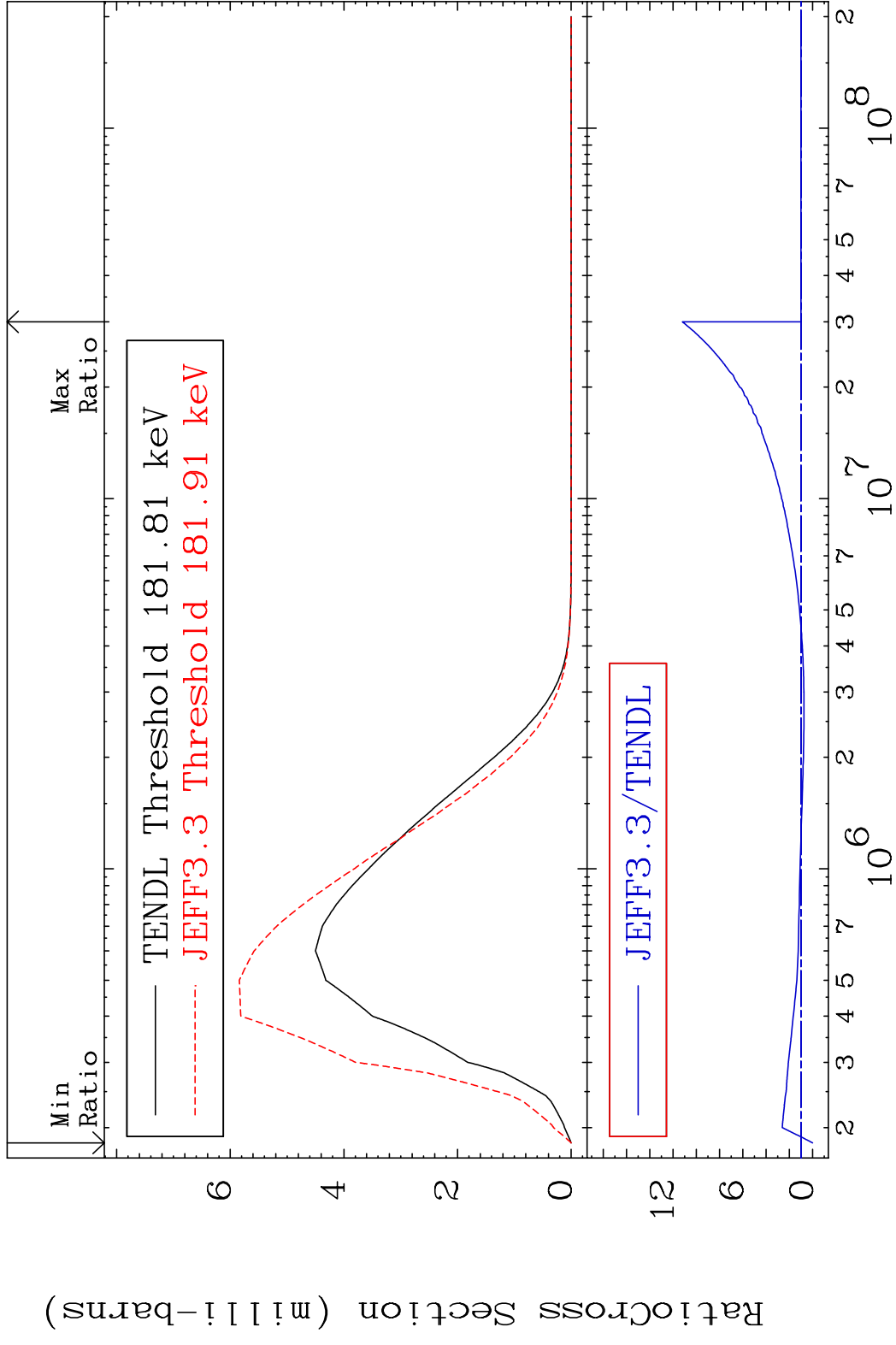


27 Incident Energy (eV) 73-Ta-180m

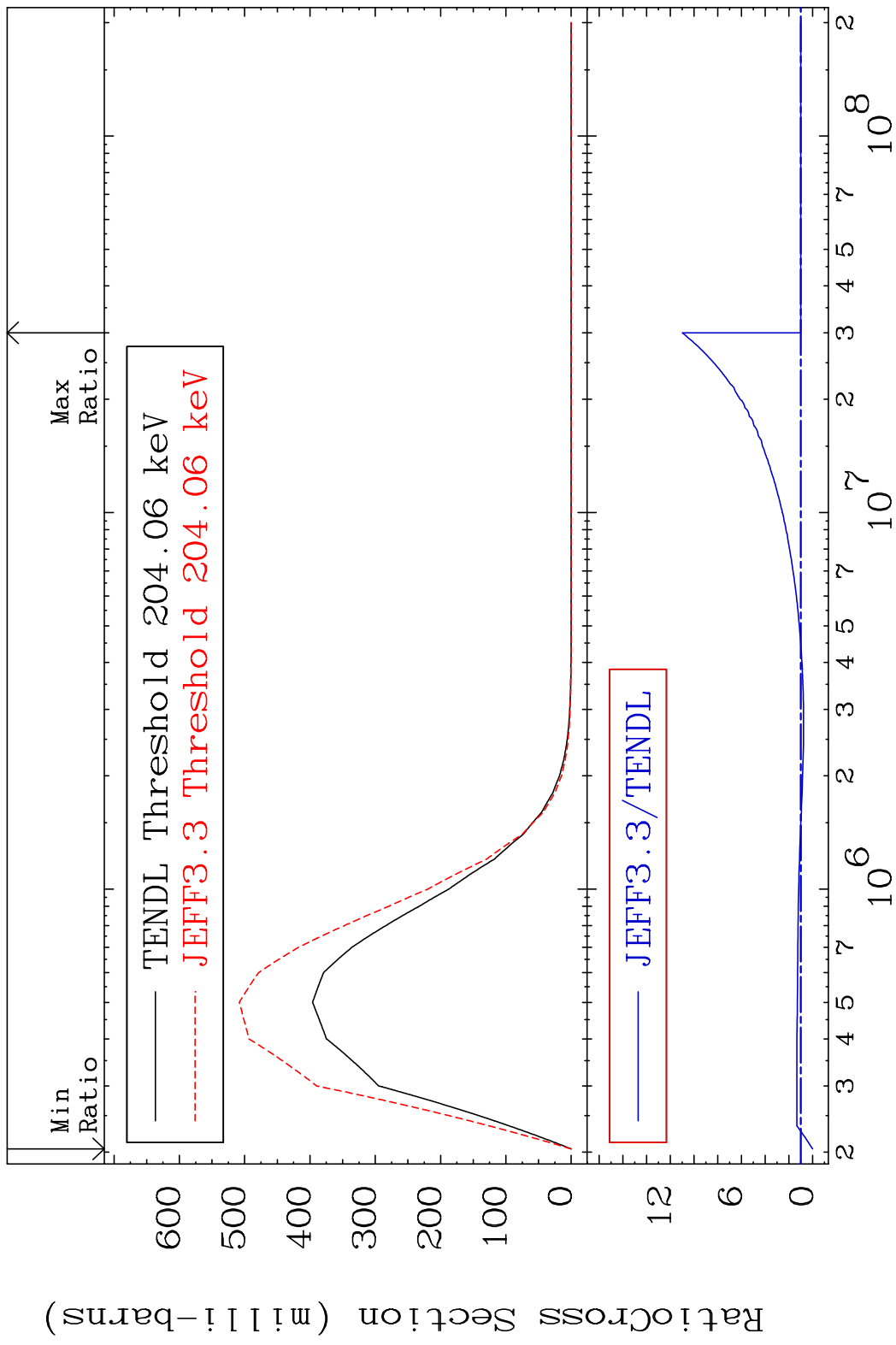
MAT 7326 MT= 59 (n,n') Level 73-Ta-180m  
 Cross Section -100.0 To 1026. %



MAT 7326 MT= 60 (n,n') Level 73-Ta-180m  
 Cross Section -100.0 To 1020. %

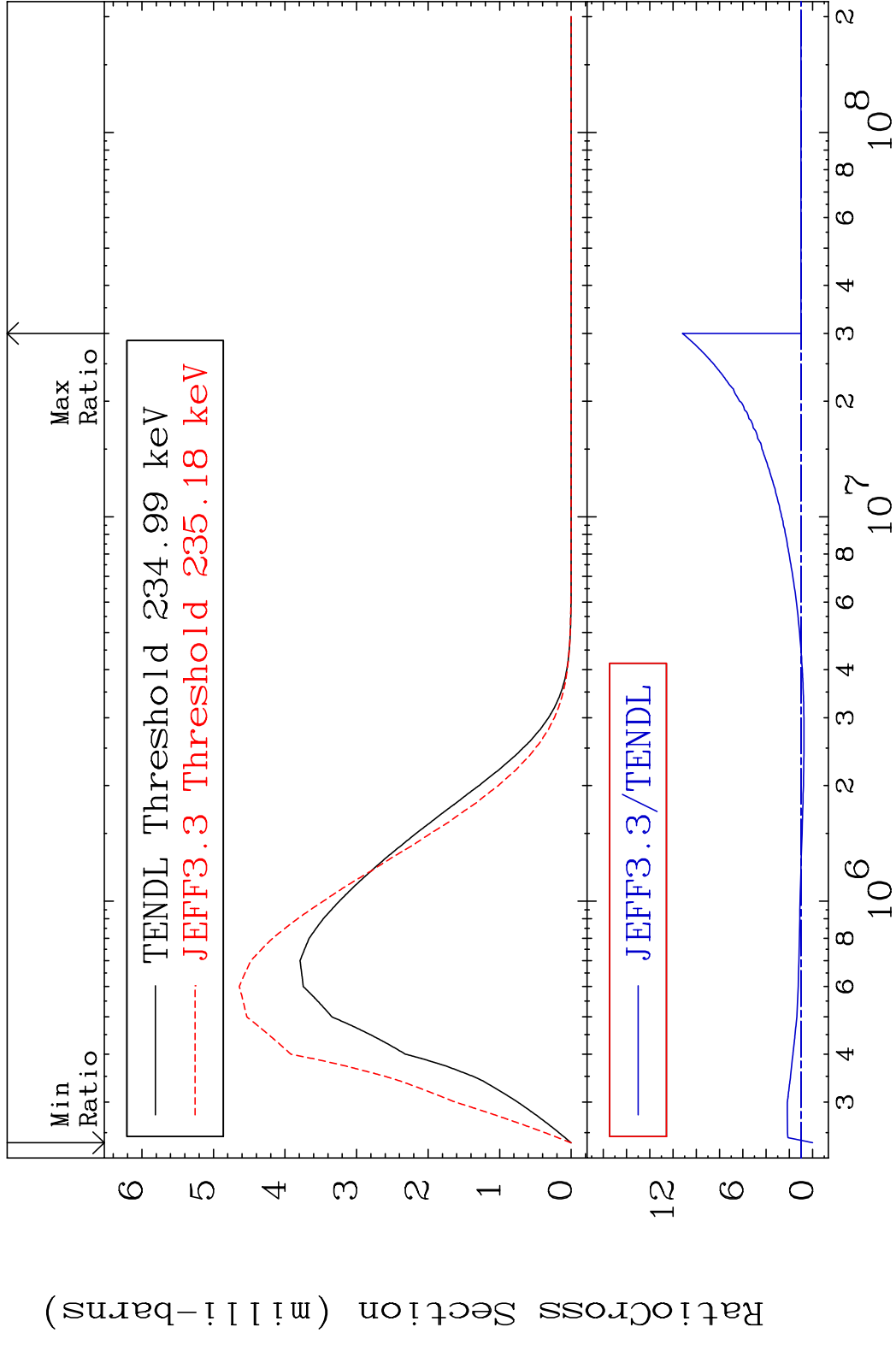


MAT 7326 MT= 61 (n,n') Level 73-Ta-180m  
 Cross Section -100.0 To 998.5 %



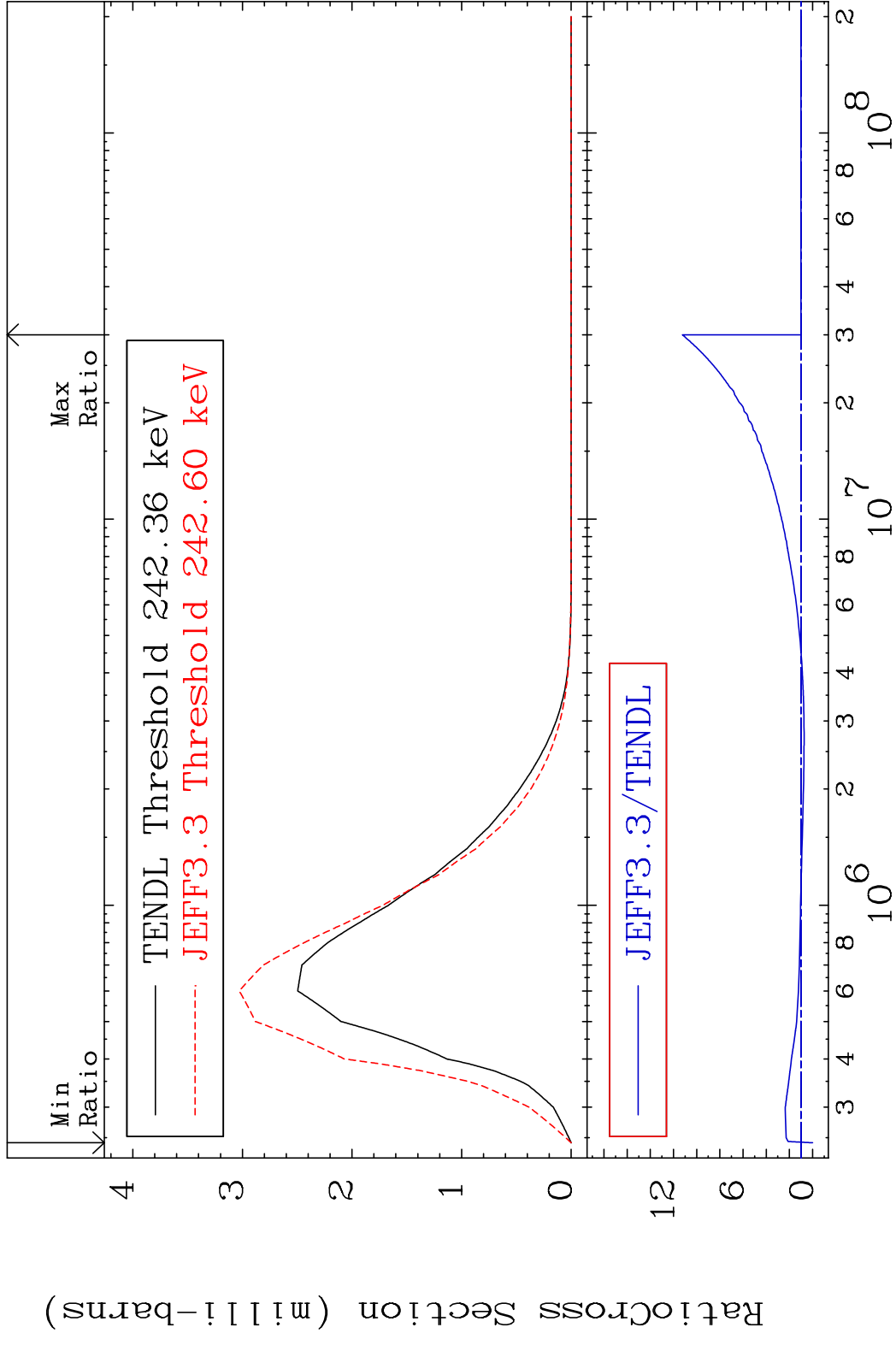
30 Incident Energy (eV) 73-Ta-180m

MAT 7326 MT= 62 (n, n') Level 73-Ta-180m  
 Cross Section -100.0 To 1020. %

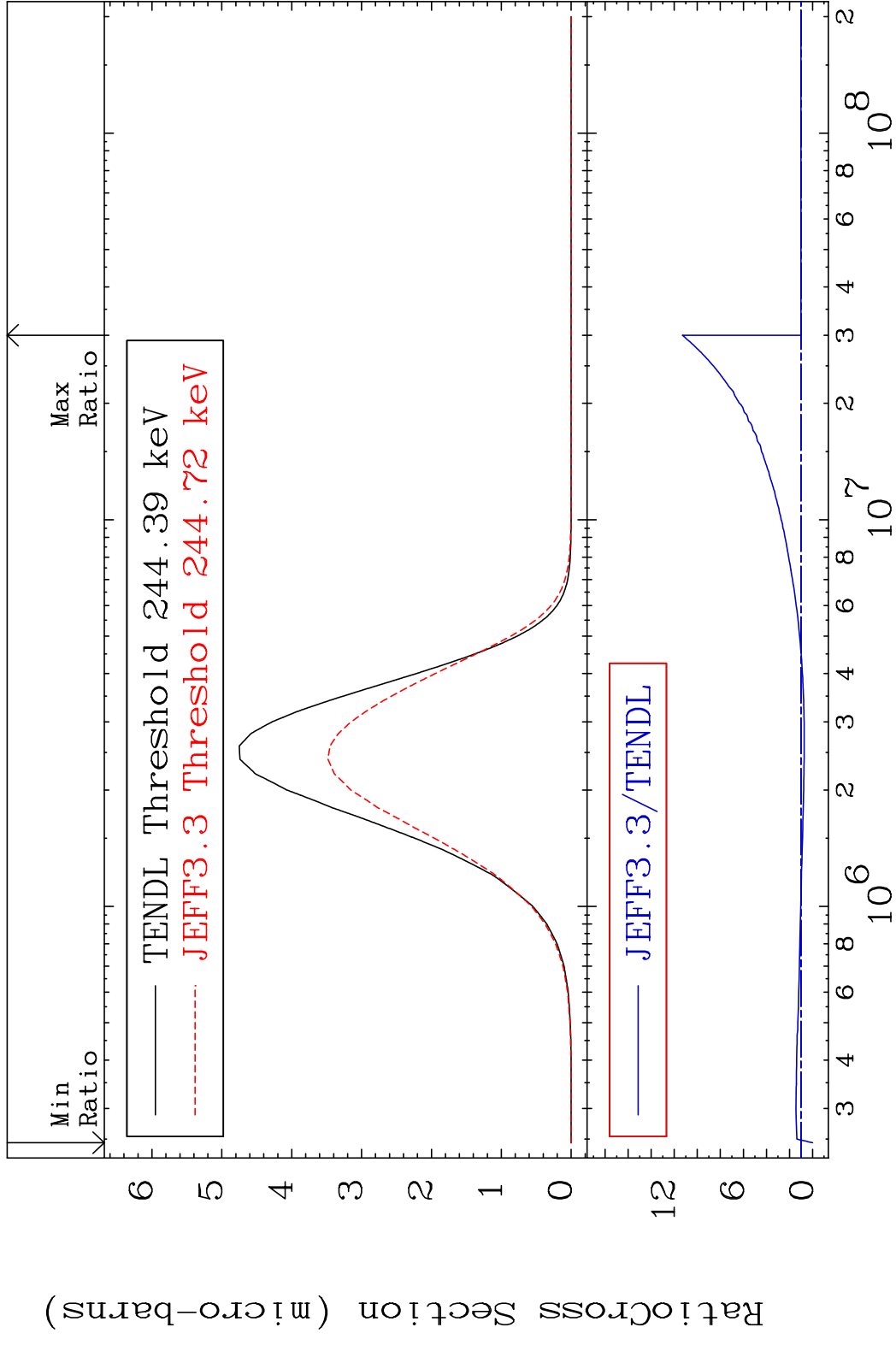




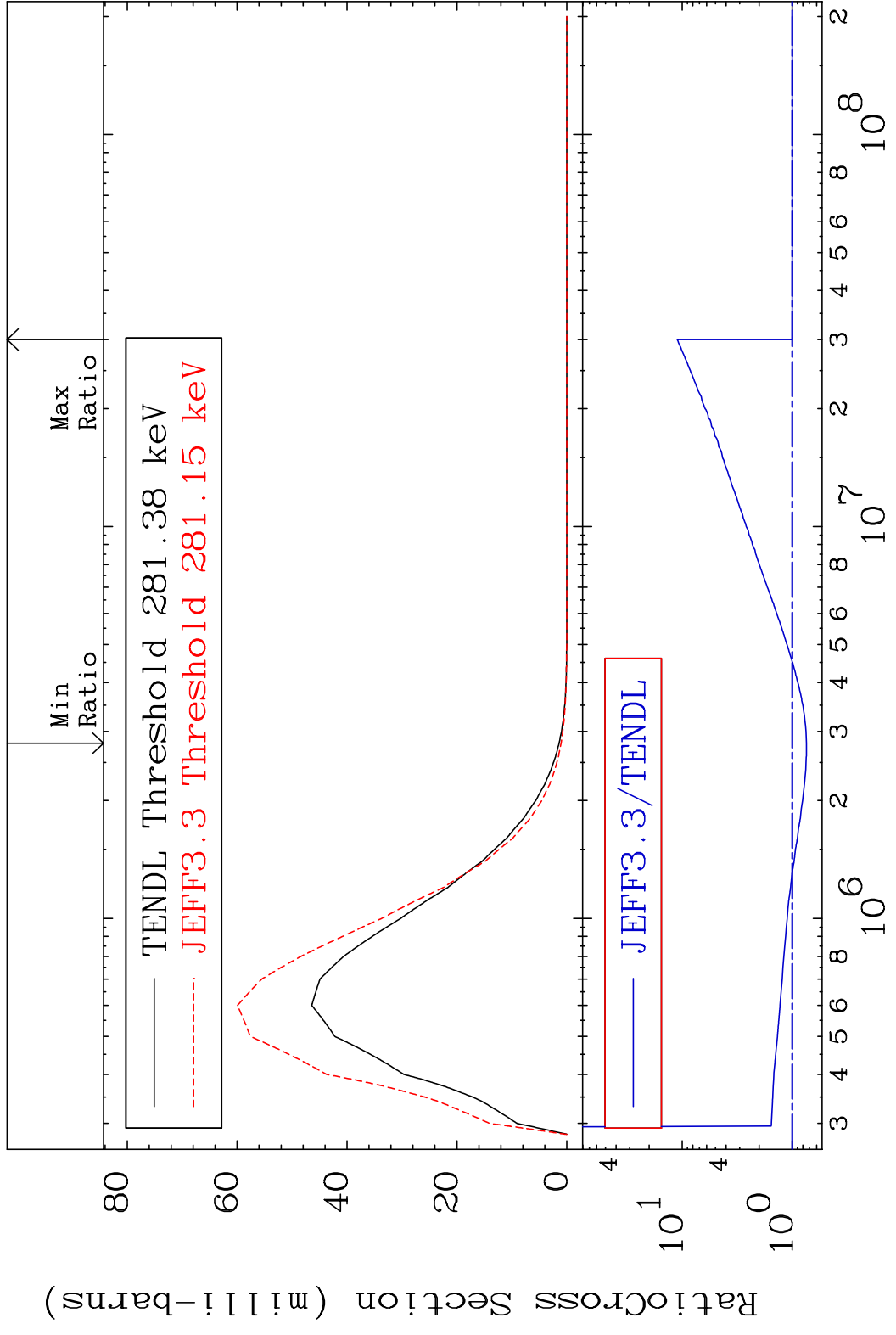
MAT 7326 MT= 63 (n, n') Level 73-Ta-180m  
 Cross Section -100.0 To 1023. %



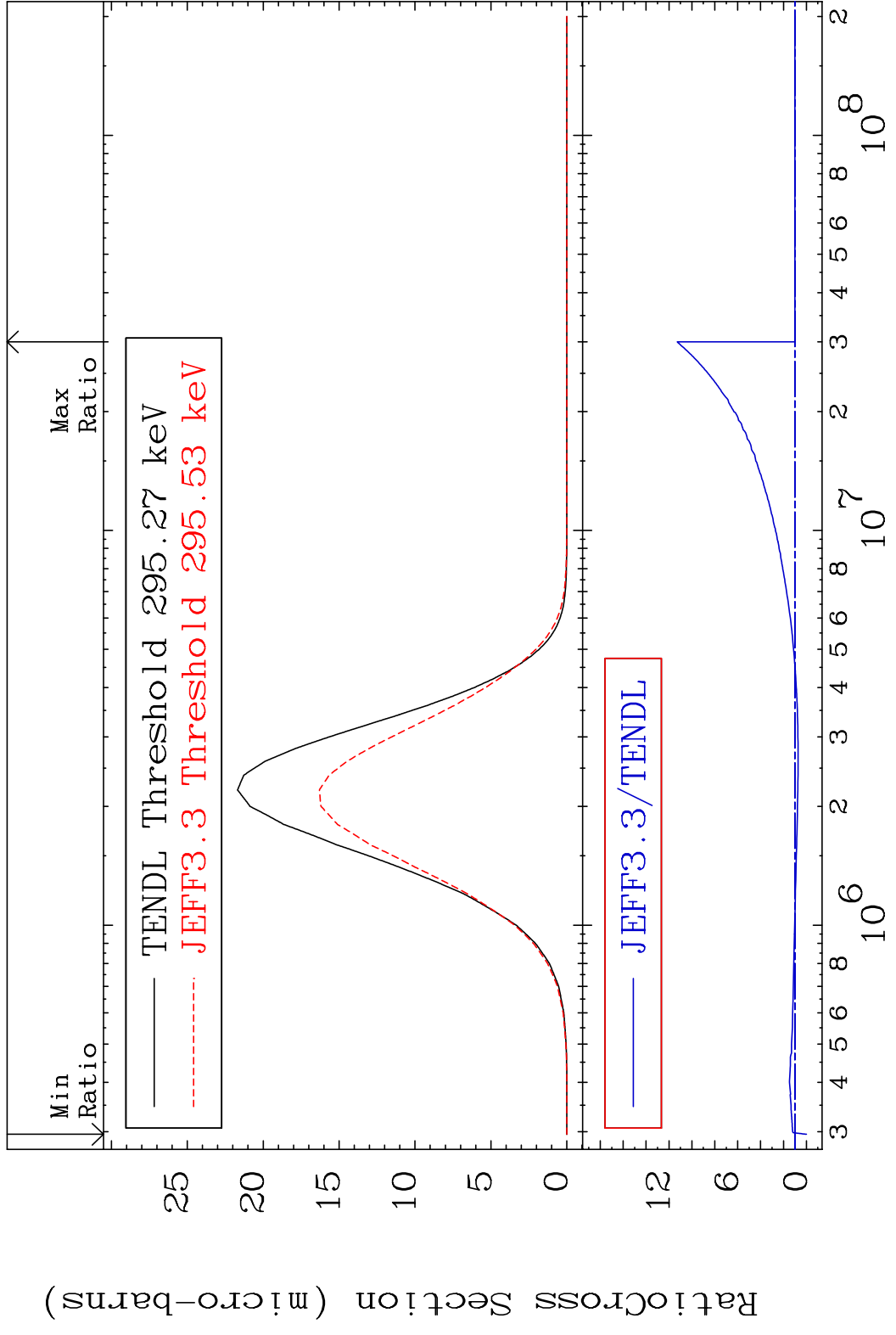
MAT 7326 MT= 64 (n, n') Level 73-Ta-180m  
 Cross Section -100.0 To 1030. %



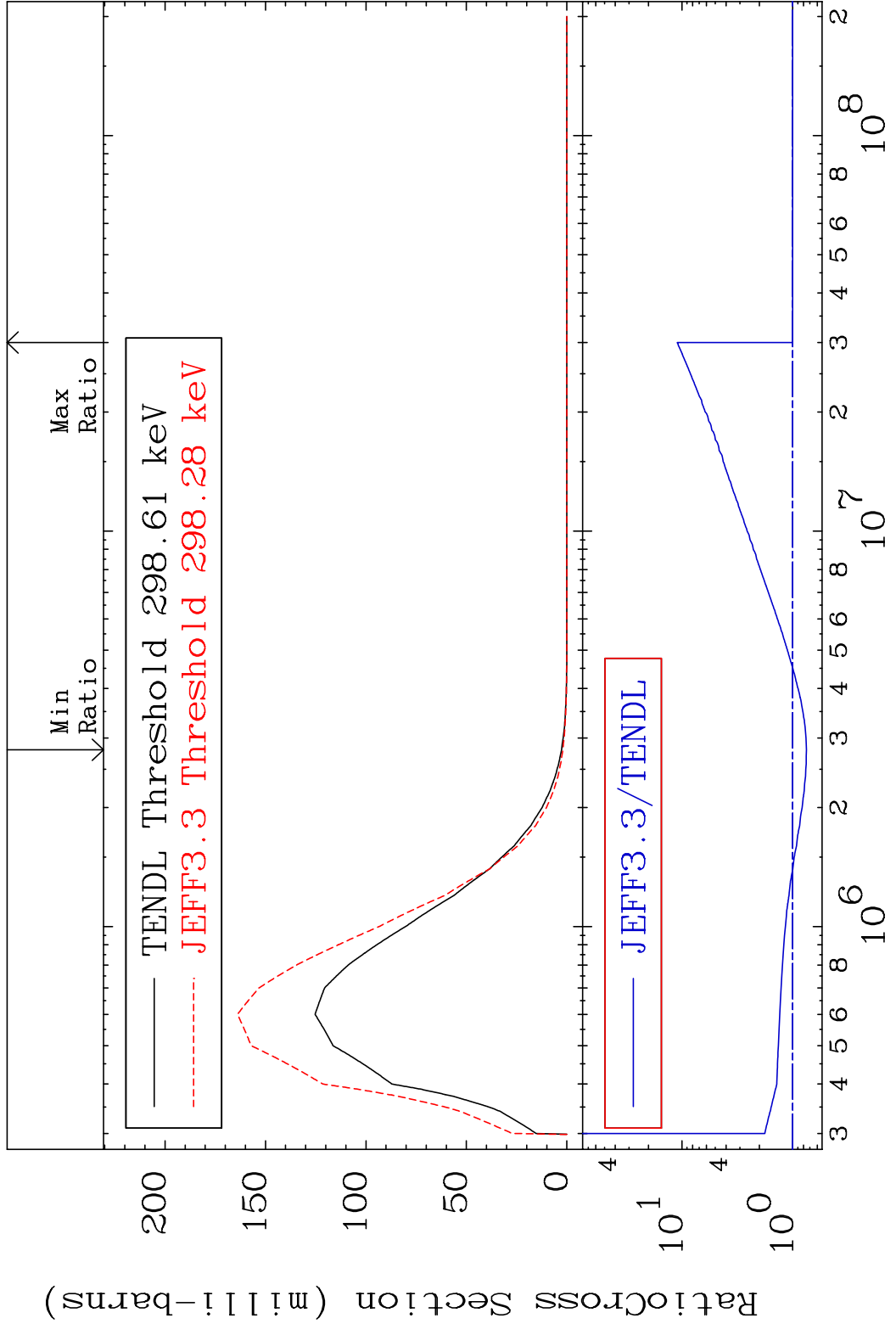
MAT 7326 MT= 65 (n, n') Level 73-Ta-180m  
 Cross Section -25.60 To 1012. %



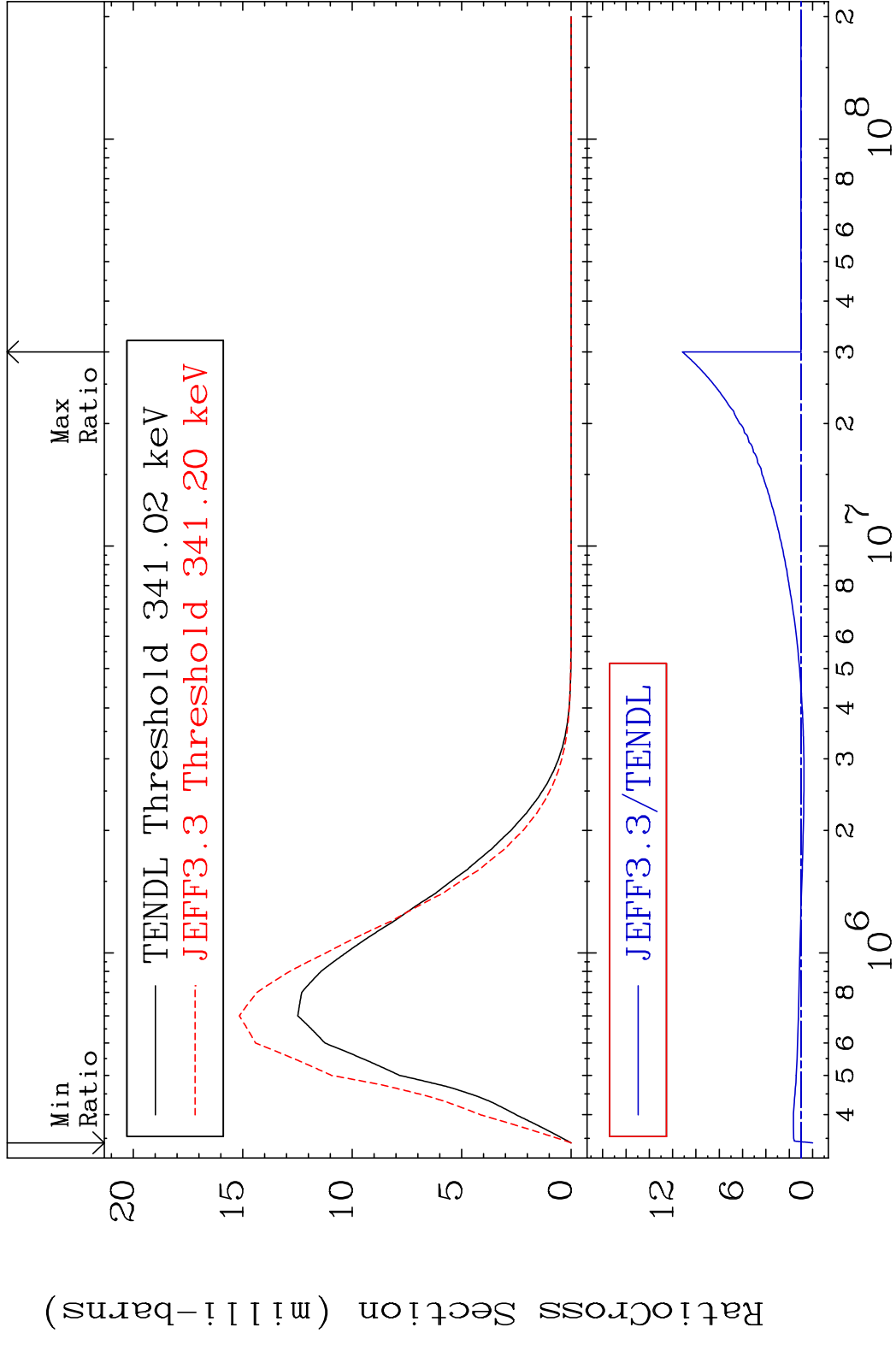
MAT 7326 MT= 66 (n,n') Level 73-Ta-180m  
 Cross Section -100.0 To 1028. %



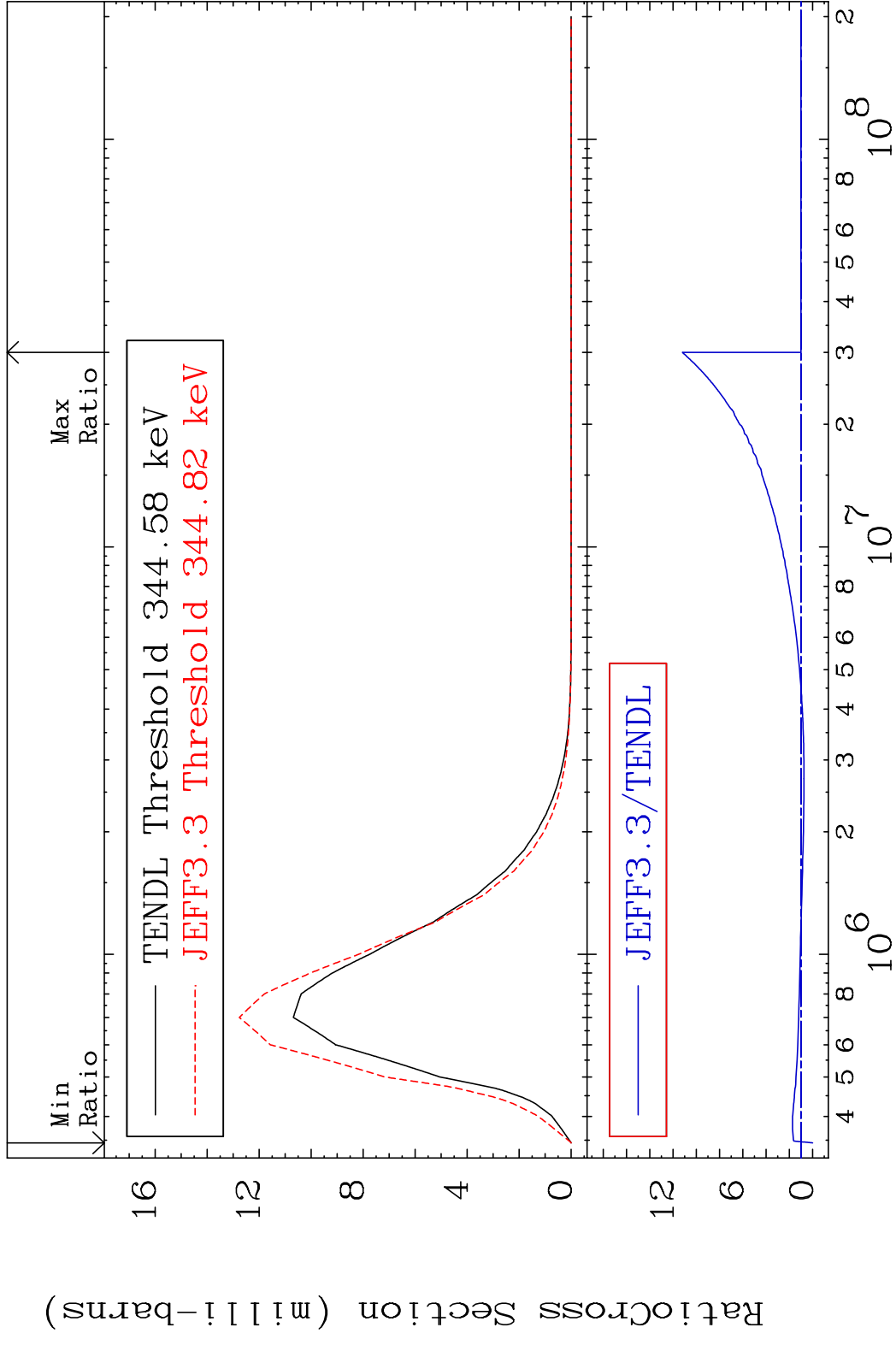
MAT 7326 MT= 67 (n, n') Level 73-Ta-180m  
 Cross Section -24.70 To 1003. %



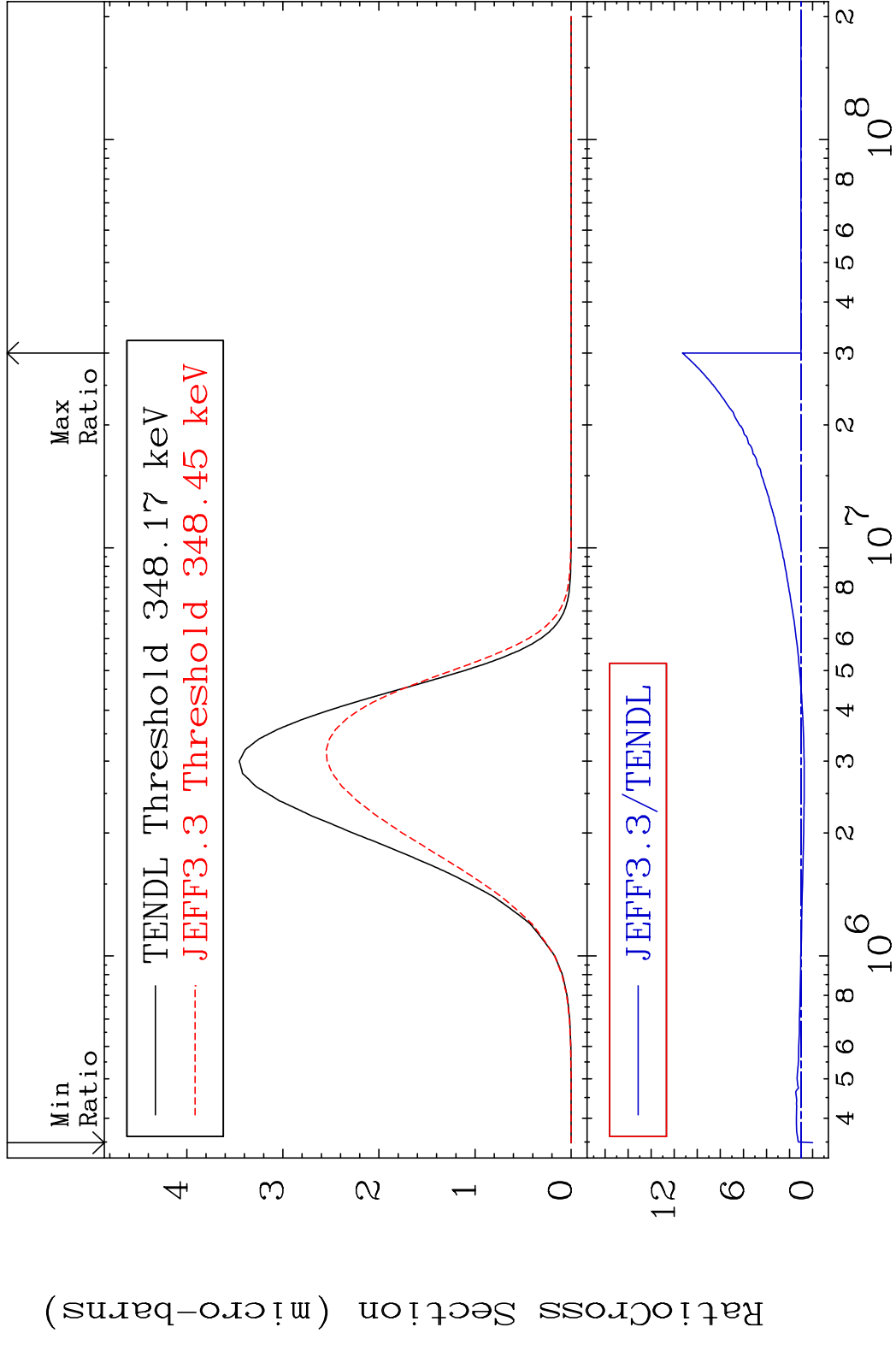
MAT 7326 MT= 68 (n, n') Level 73-Ta-180m  
 Cross Section -100.0 To 1017. %



MAT 7326 MT= 69 (n,n') Level 73-Ta-180m  
 Cross Section -100.0 To 1020. %

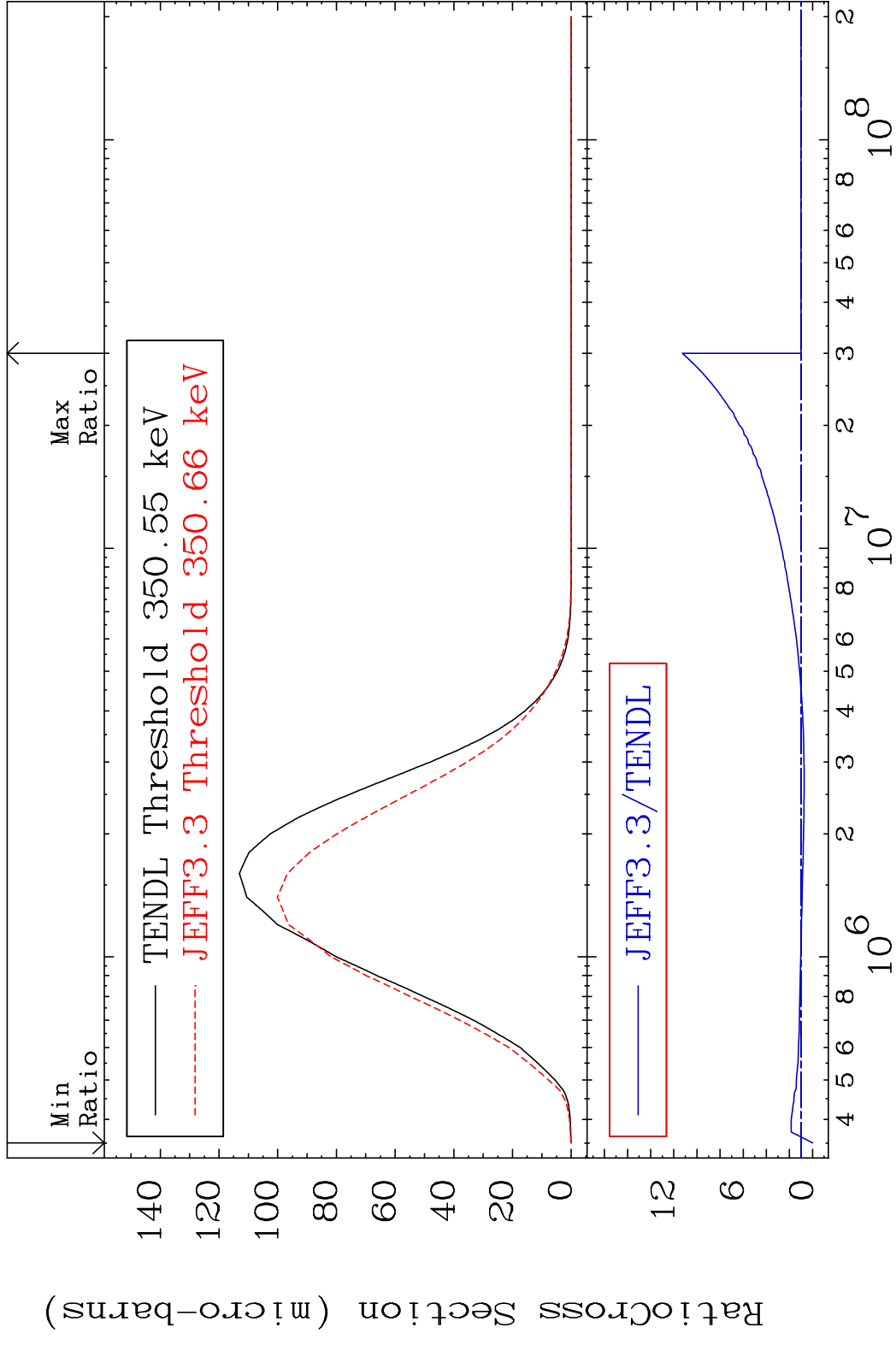


MAT 7326 MT= 70 (n,n') Level 73-Ta-180m  
 Cross Section -100.0 To 1030. %



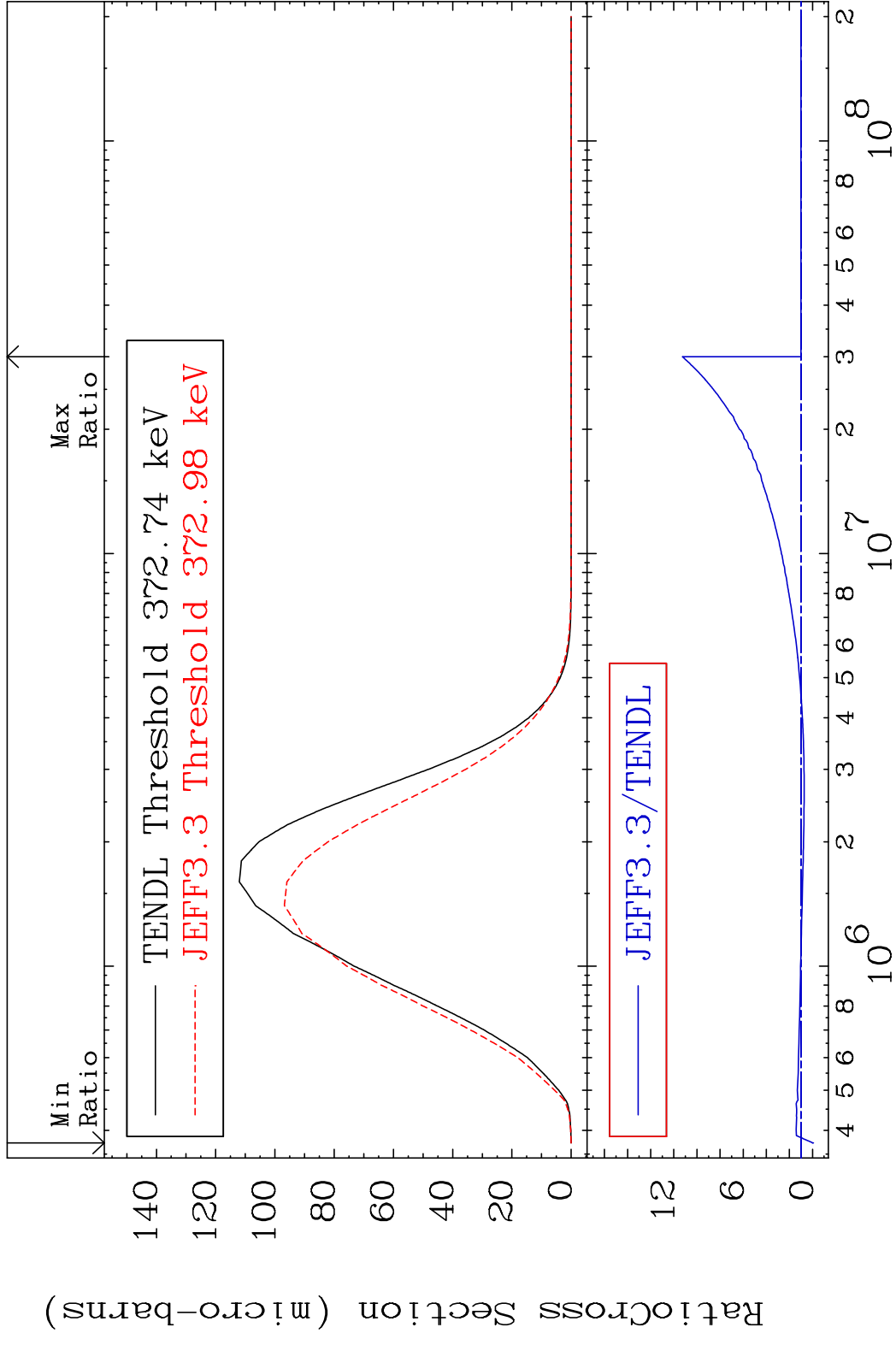


MAT 7326 MT= 71 (n, n') Level 73-Ta-180m  
 Cross Section -100.0 To 1026. %

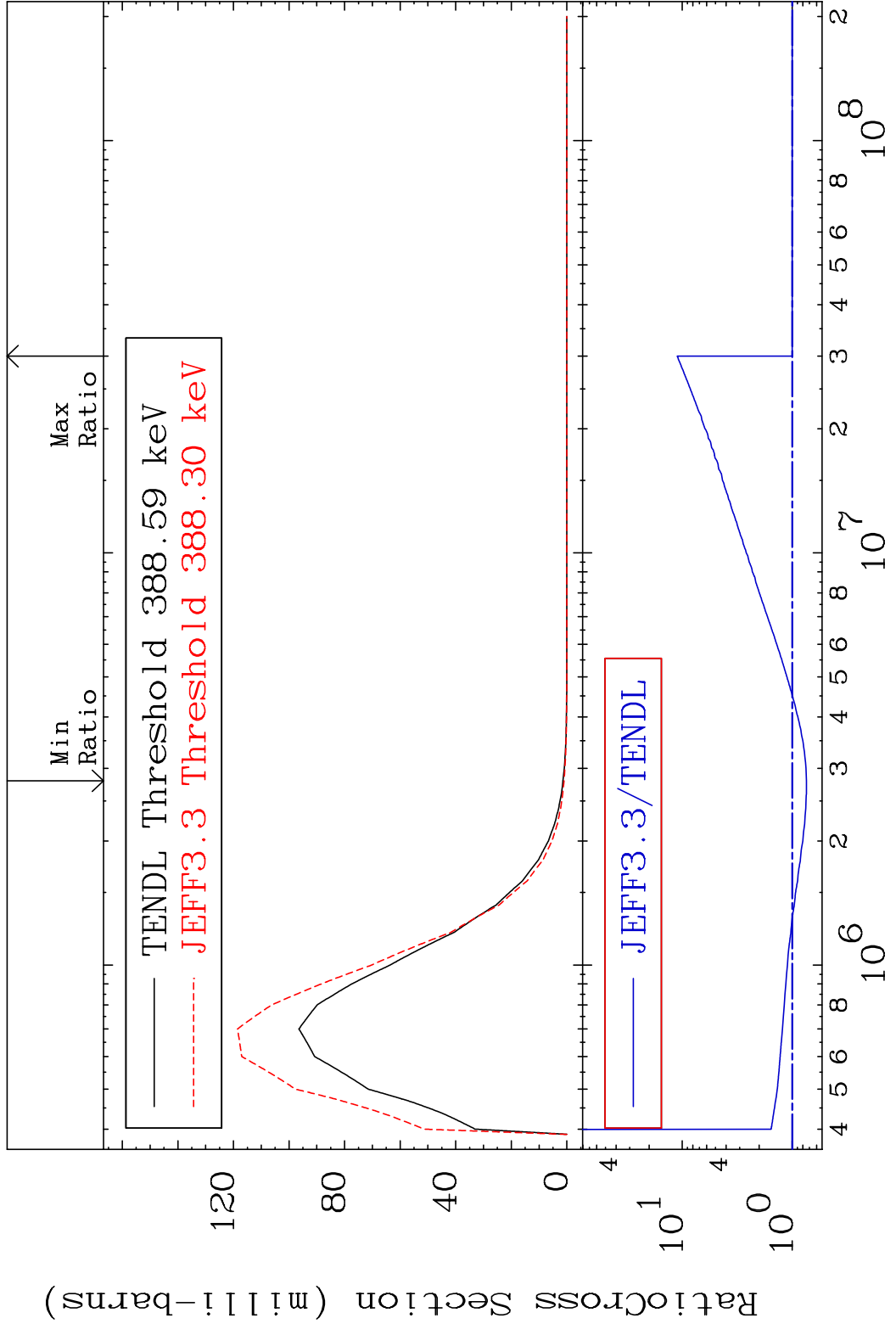


40 Incident Energy (eV) 73-Ta-180m

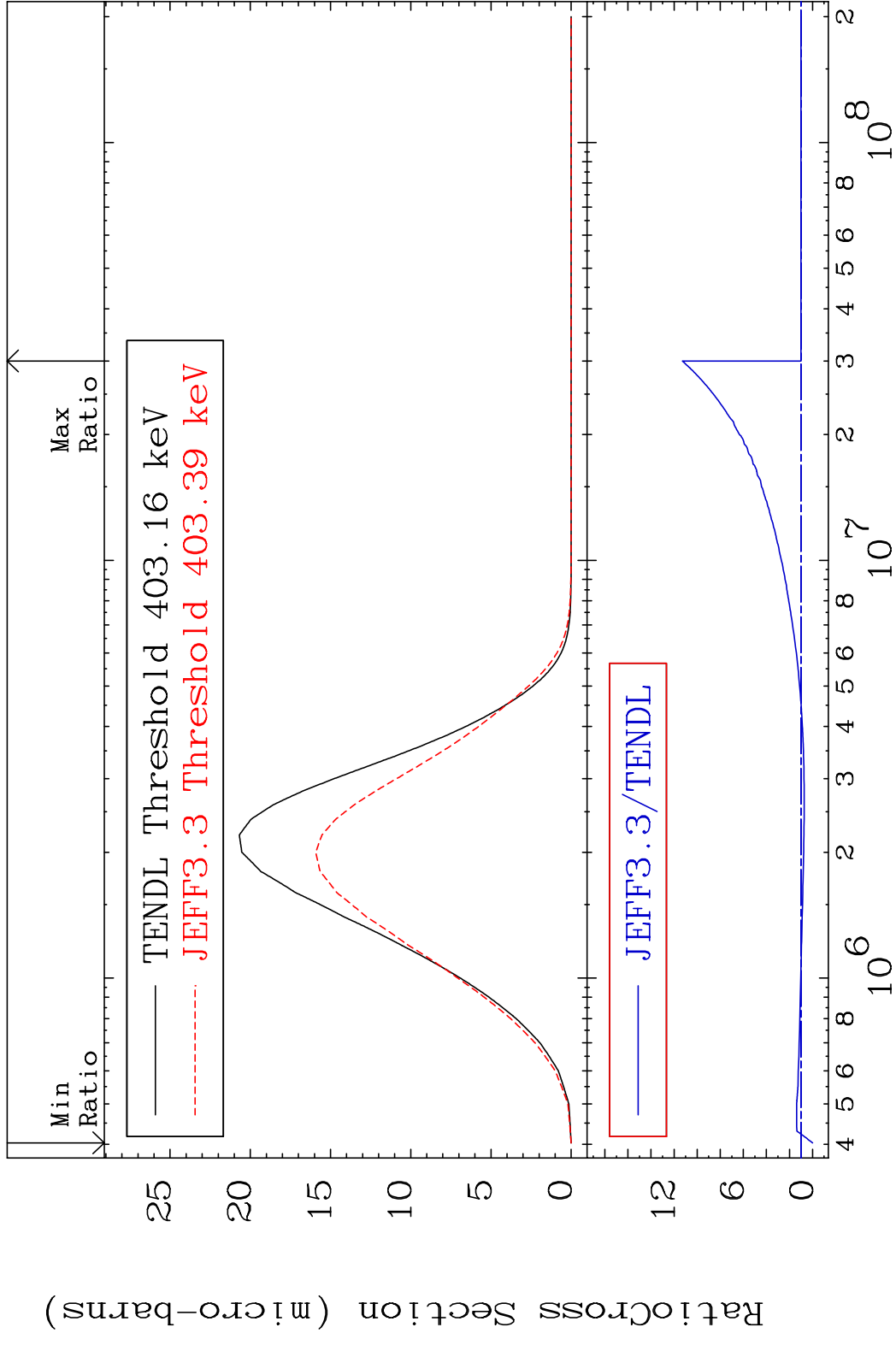
MAT 7326 MT= 72 (n, n') Level 73-Ta-180m  
 Cross Section -100.0 To 1026. %



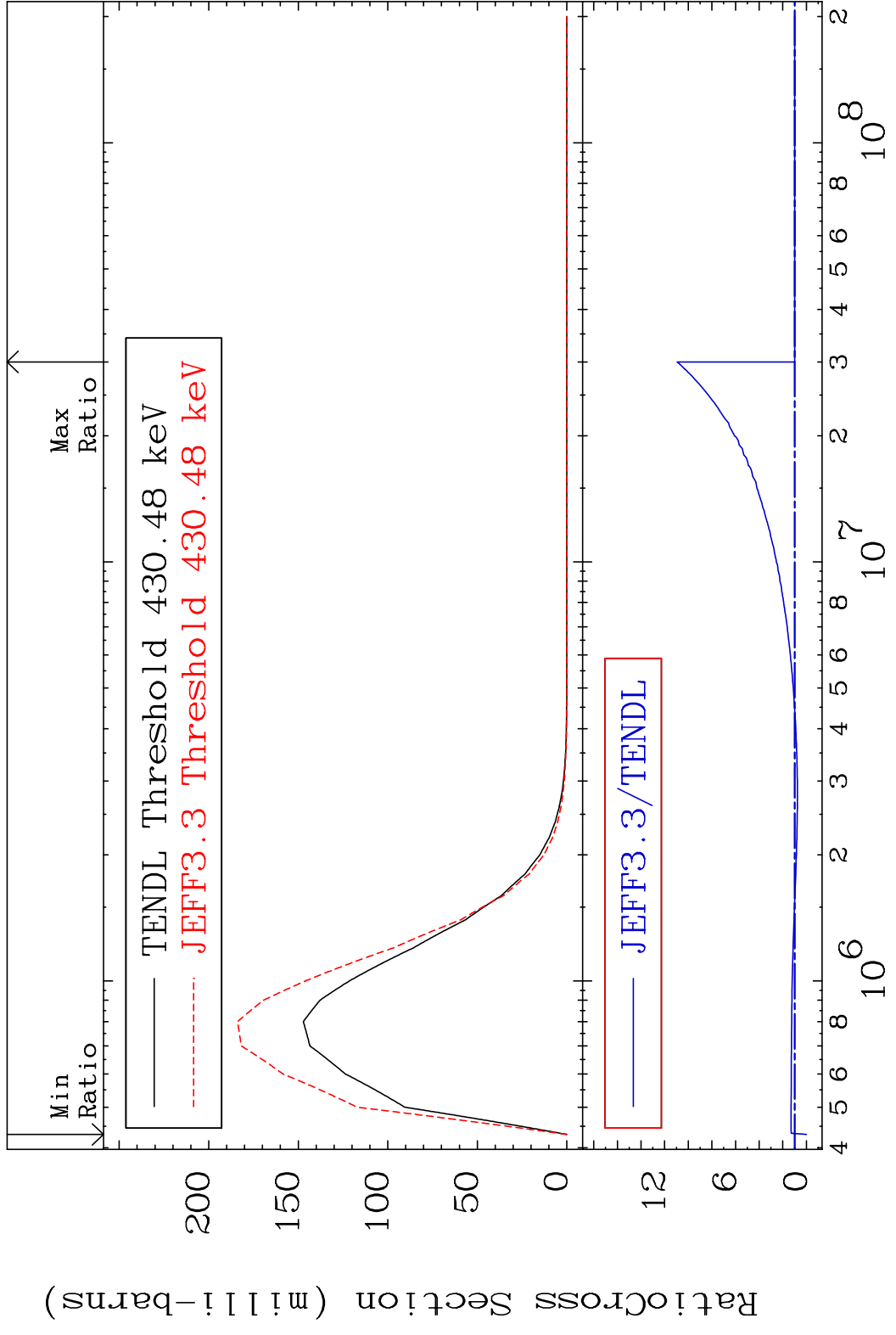
MAT 7326 MT= 73 (n, n') Level 73-Ta-180m  
 Cross Section -25.62 To 1012. %



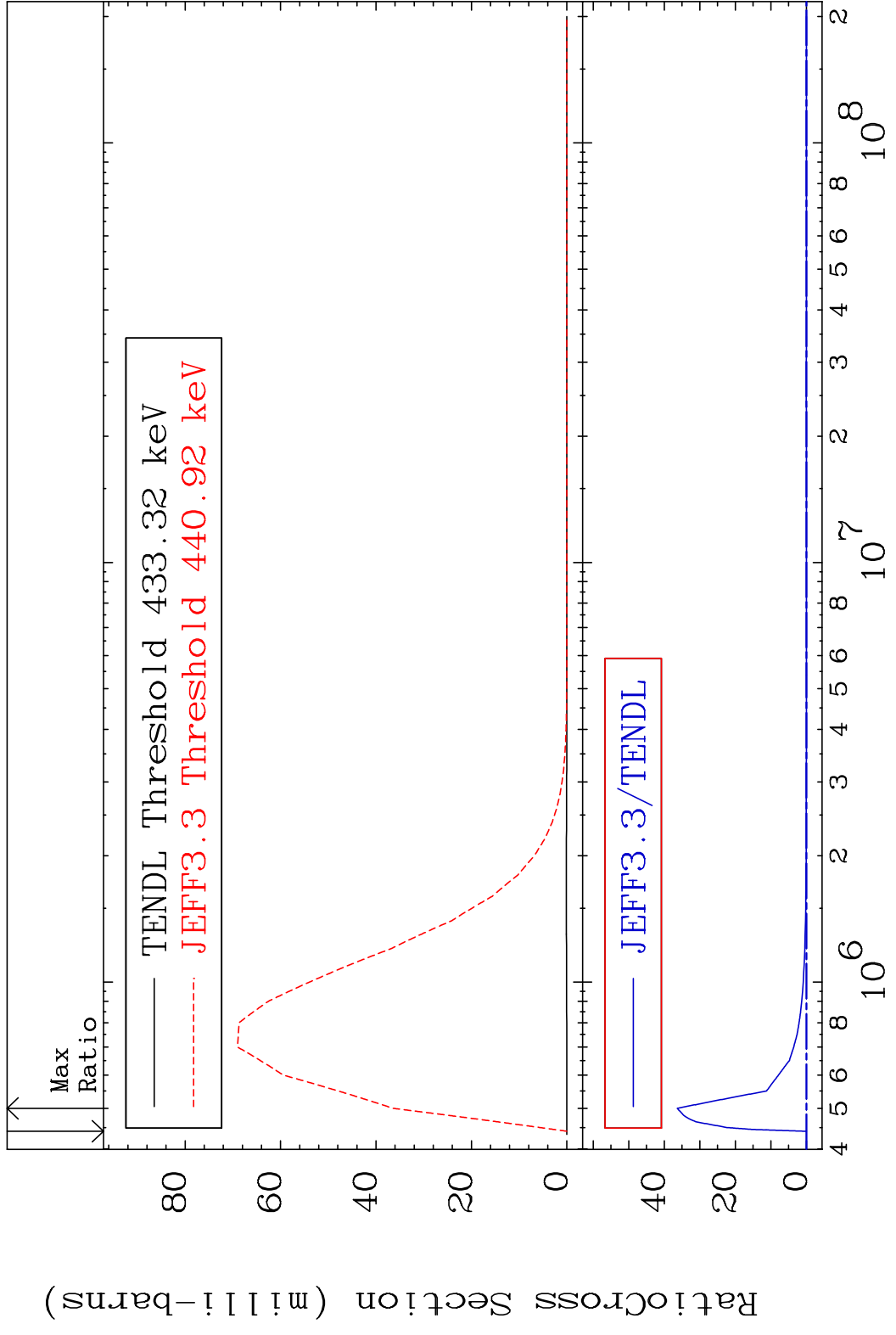
MAT 7326 MT= 74 (n,n') Level 73-Ta-180m  
 Cross Section -100.0 To 1028. %



MAT 7326 MT= 75 (n, n') Level 73-Ta-180m  
 Cross Section -100.0 To 993.8 %

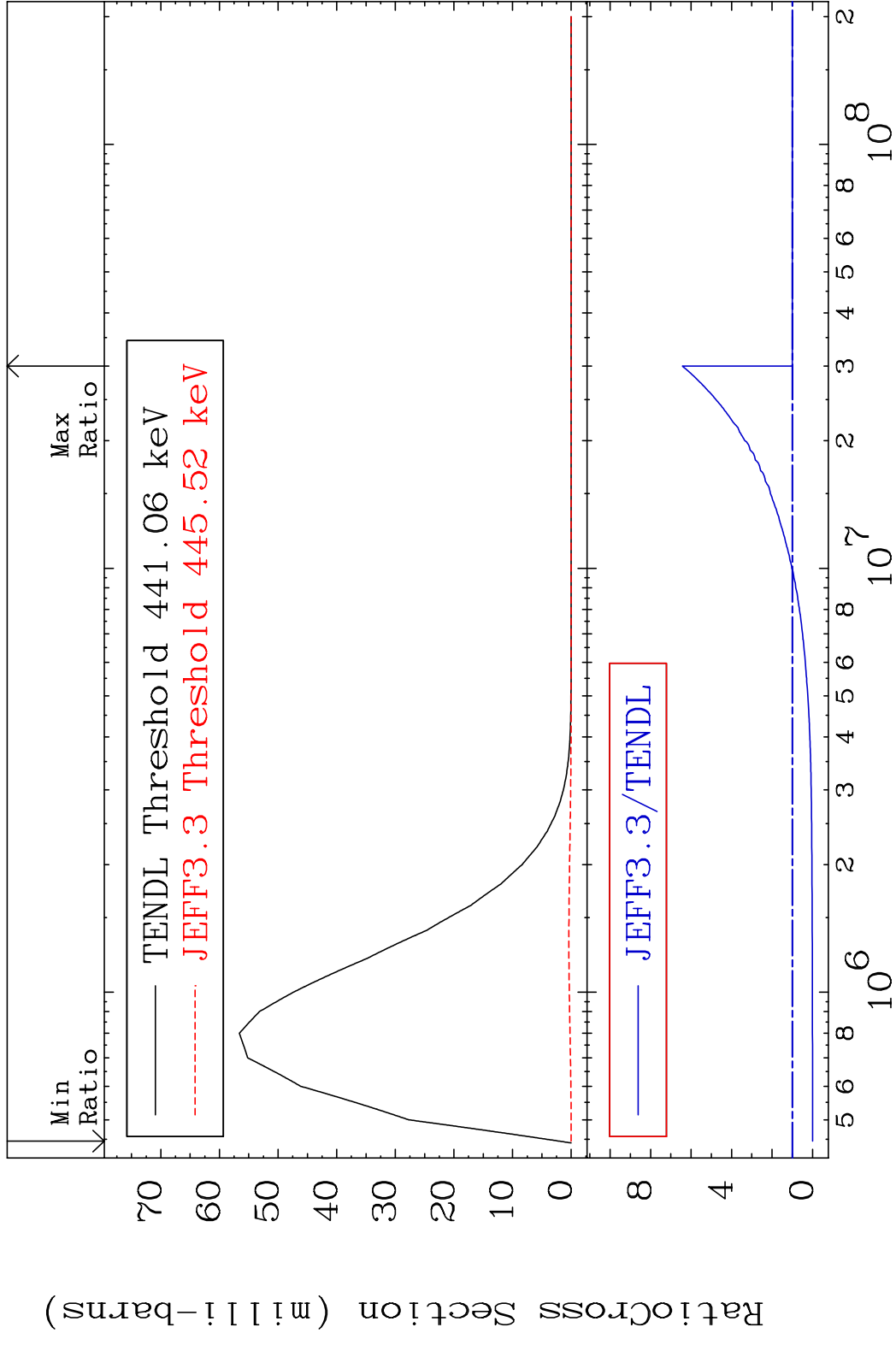


MAT 7326 MT= 76 (n,n') Level 73-Ta-180m  
 Cross Section -100.0 To 9999. %

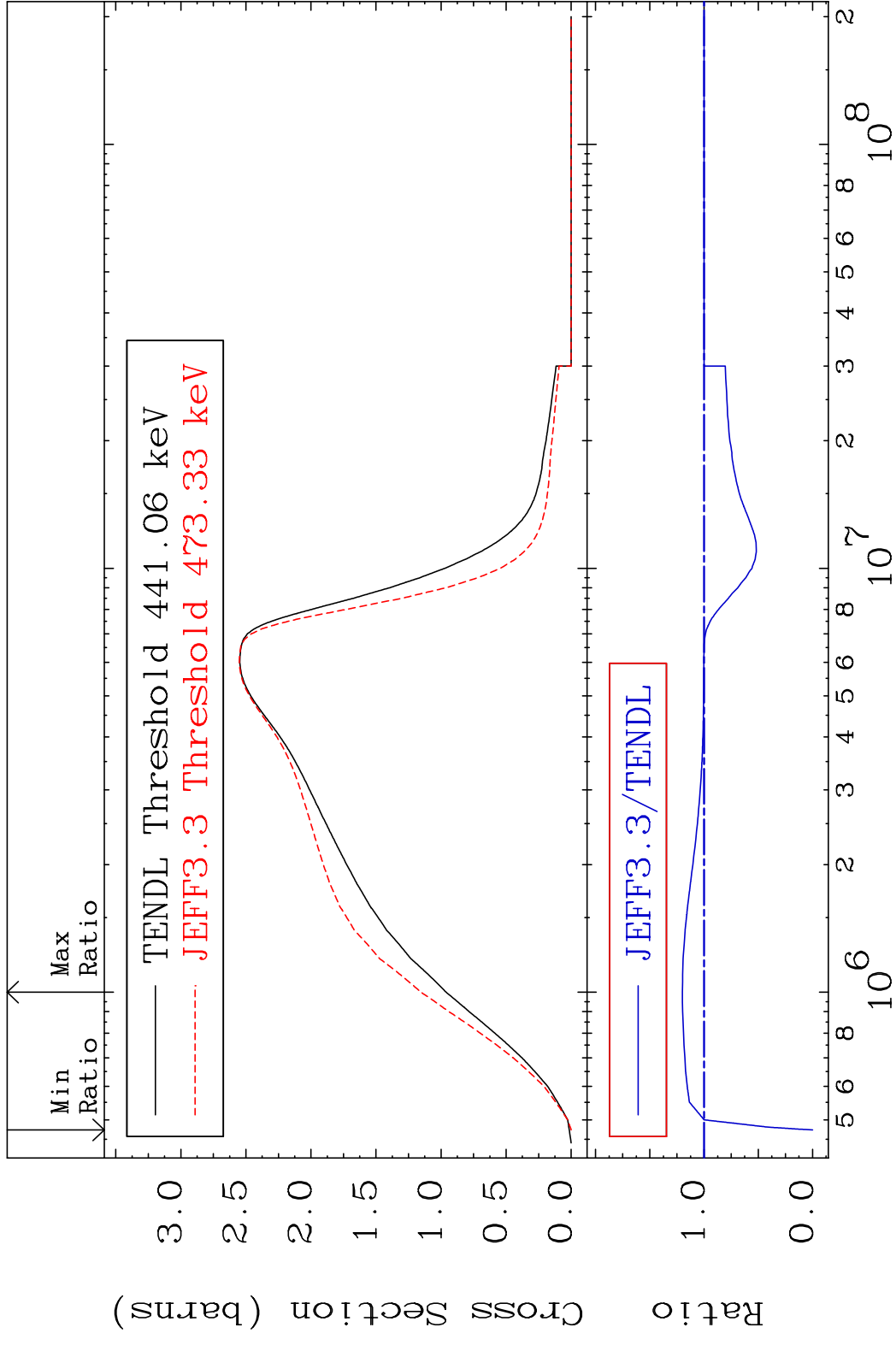


45 Incident Energy (eV) 73-Ta-180m

MAT 7326 MT= 77 (n, n') Level 73-Ta-180m  
 Cross Section -100.0 To 543.2 %



MAT 7326 (n,n') Continuum 73-Ta-180m  
 Cross Section -100.0 To 20.03 %

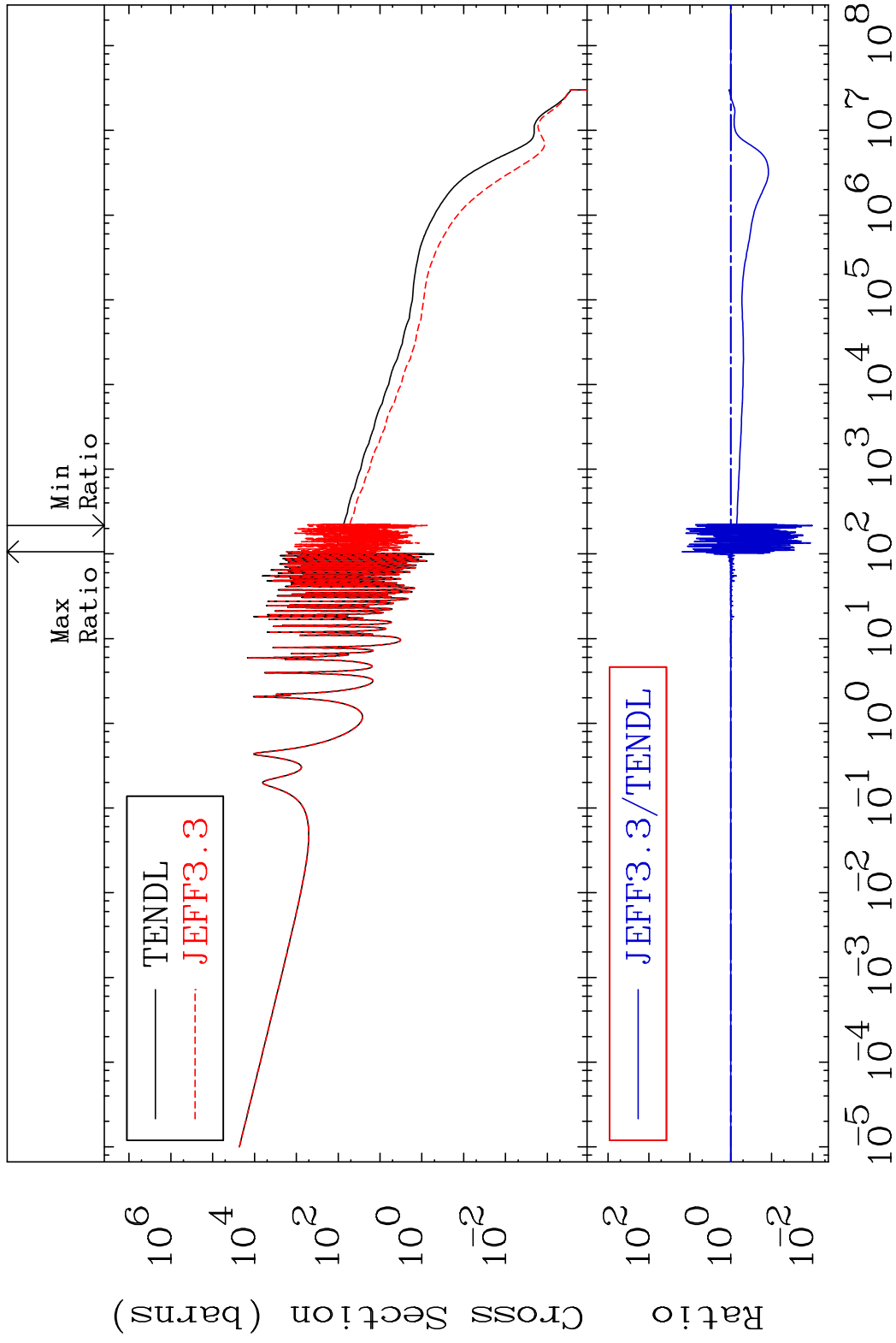




MAT 7326

(n,  $\gamma$ )  
Cross Section -99.00 To 1425. %

73-Ta-180m



48

Incident Energy (eV)

73-Ta-180m

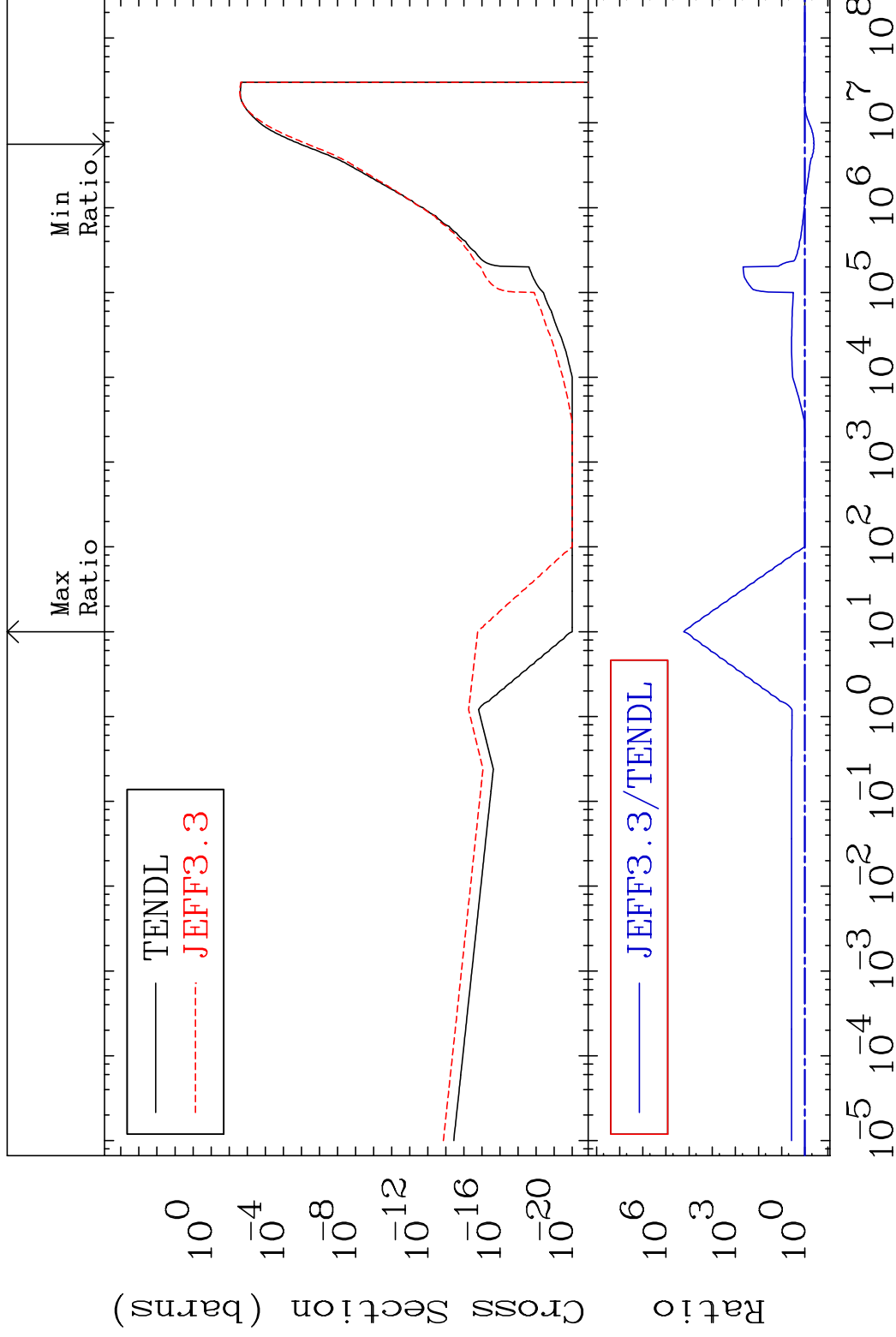
MAT 7326

(n, p)

73-Ta-180m

Cross Section

-60.34 To 9999. %



49

Incident Energy (eV)

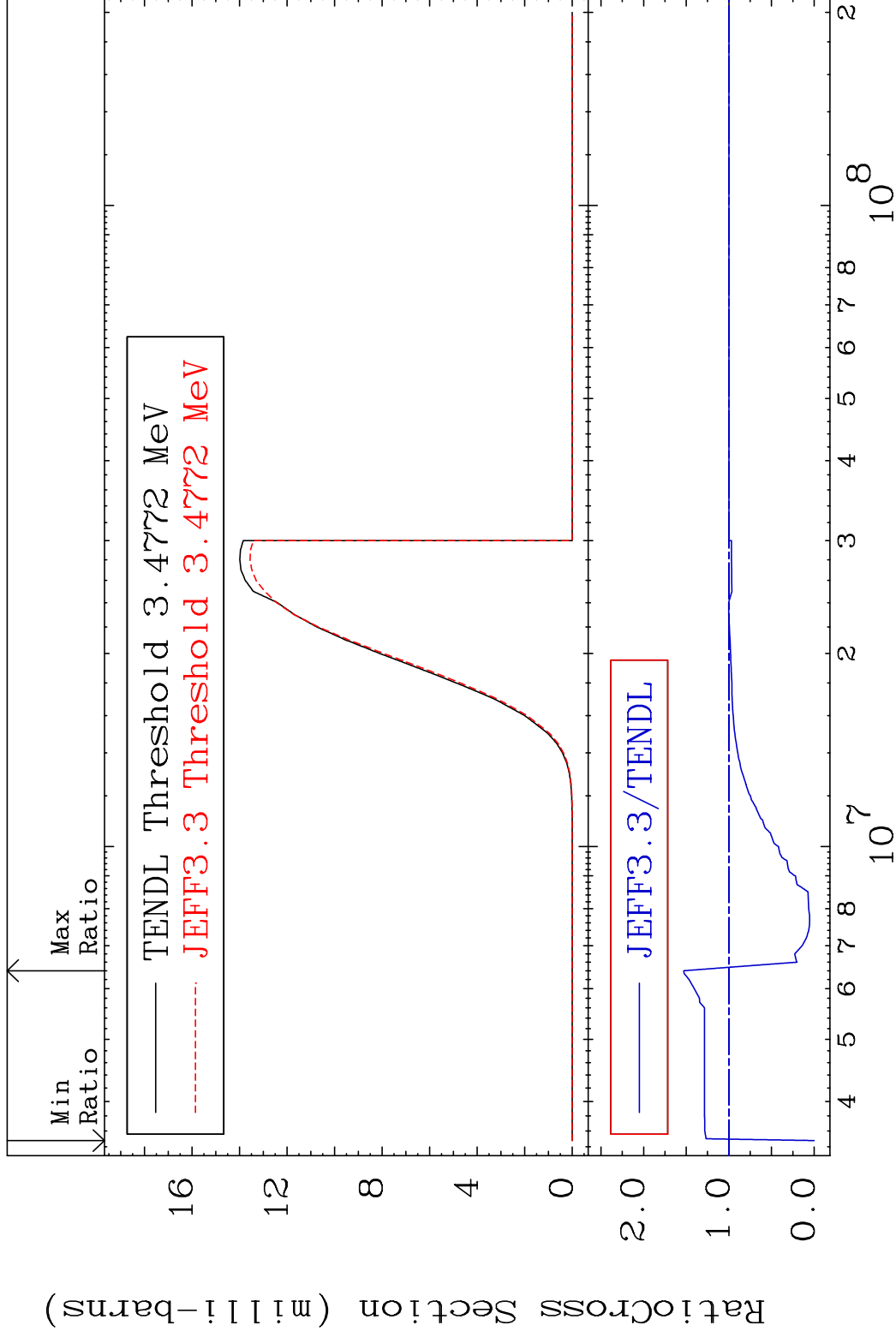
73-Ta-180m

MAT 7326

(n, d)

73-Ta-180m

Cross Section -100.0 To 53.05 %

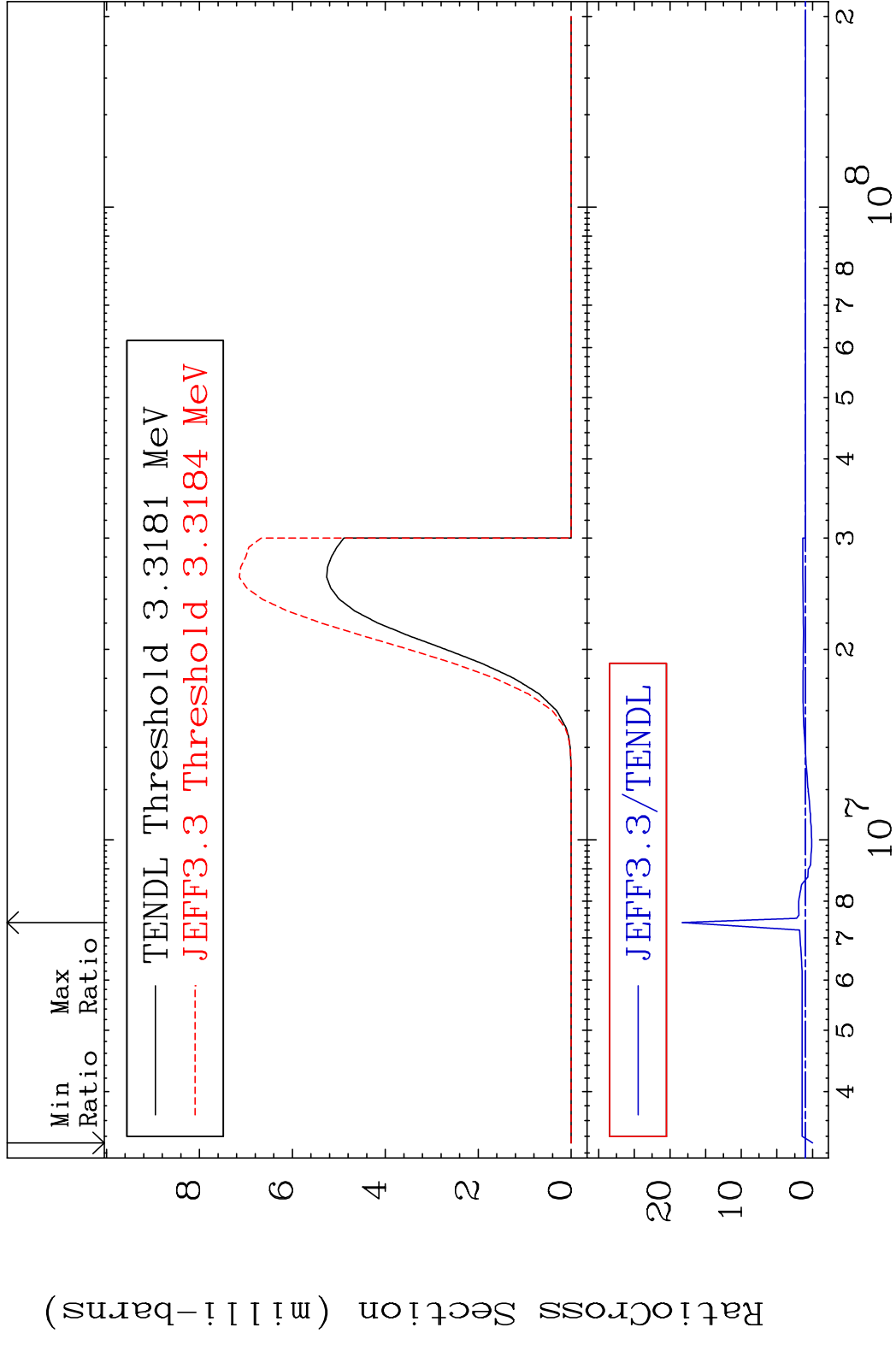


50

Incident Energy (eV)

73-Ta-180m

MAT 7326 (n, t) 73-Ta-180m  
 Cross Section -100.0 To 1727. %

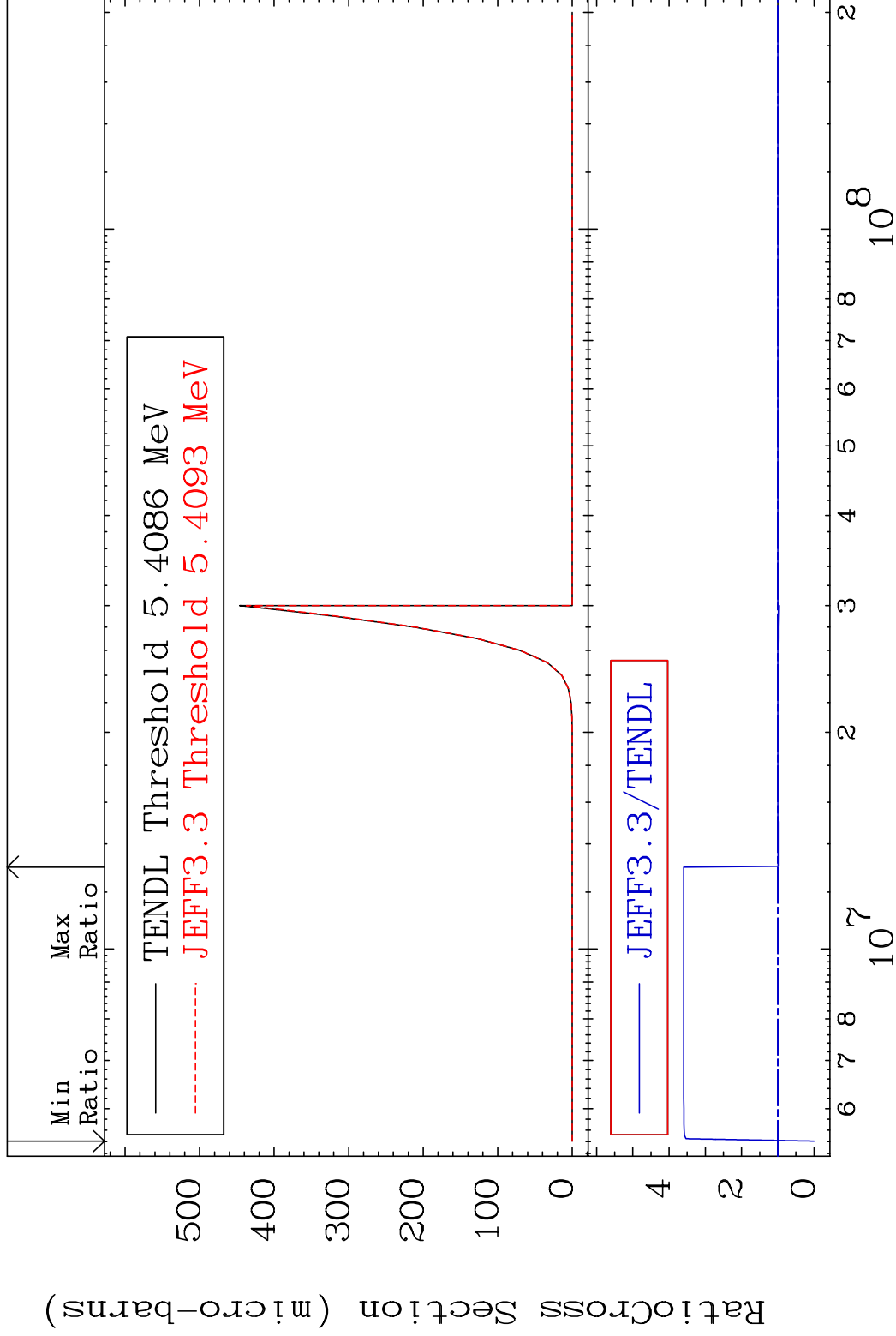


MAT 7326

(n, He-3)

73-Ta-180m

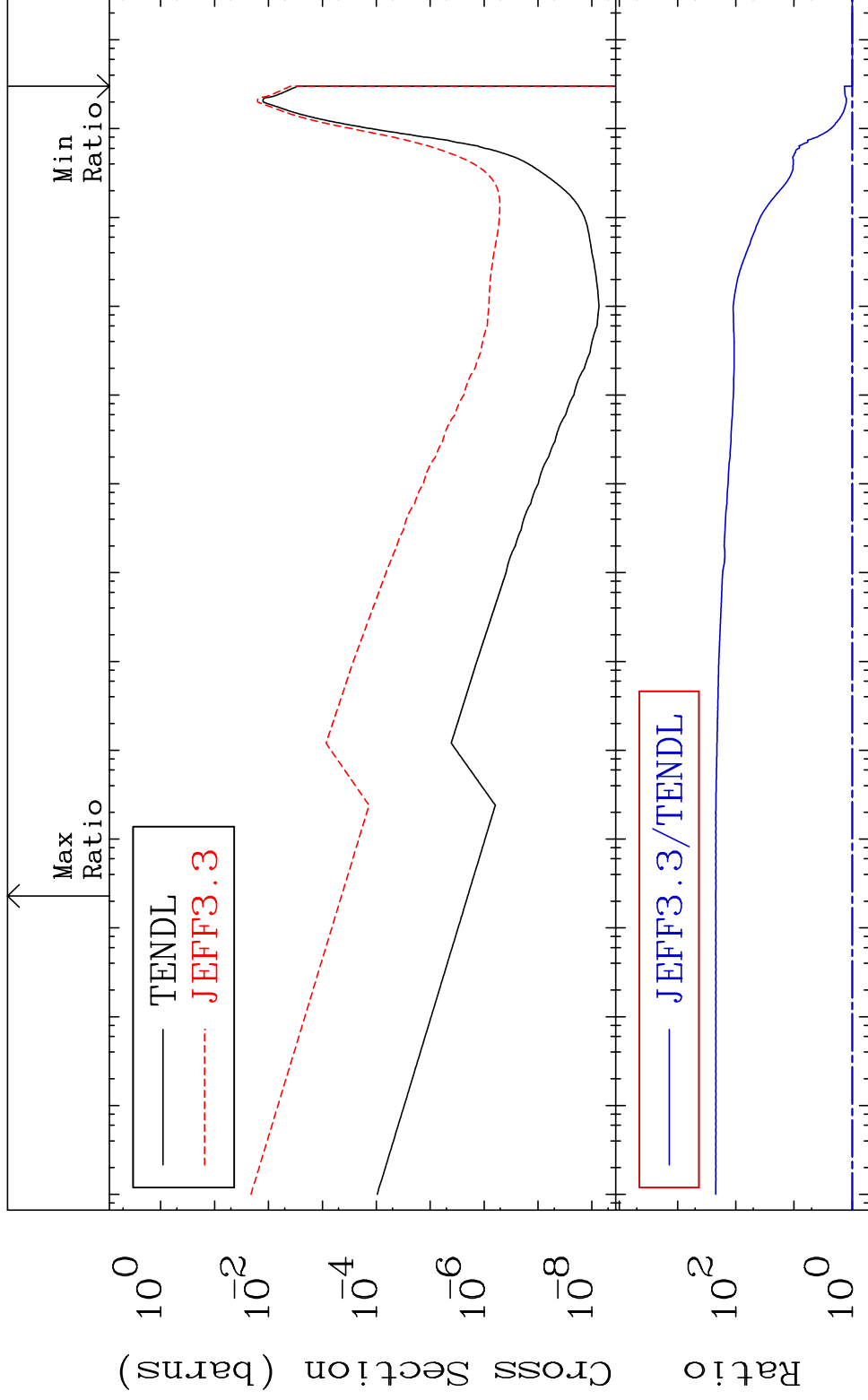
Cross Section -100.0 To 259.7 %



MAT 7326

(n,  $\alpha$ )  
Cross Section 0.000 To 9999. %

73-Ta-180m



53

Incident Energy (eV)

73-Ta-180m

MAT 7326

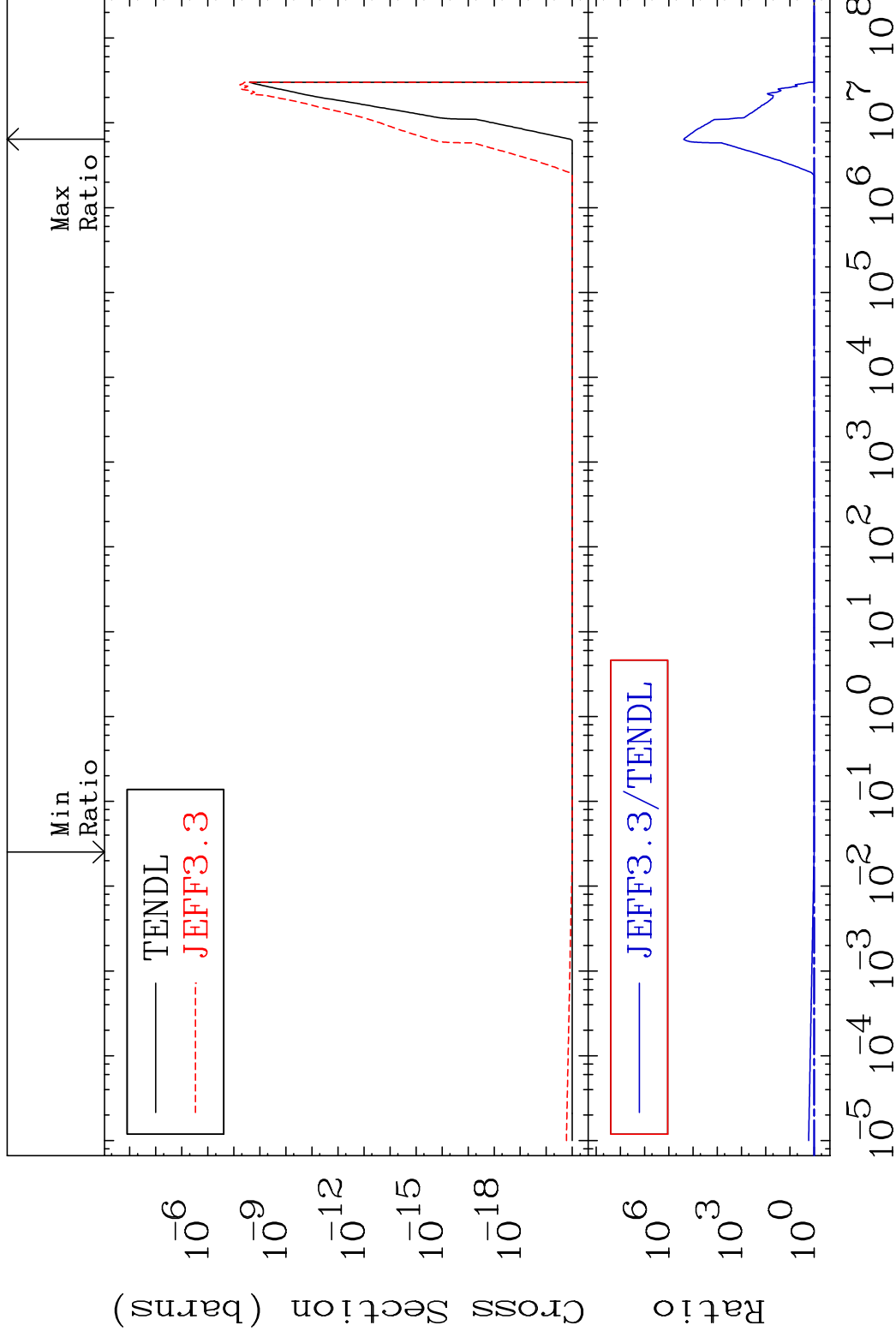
(n, 2α)

73-Ta-180m

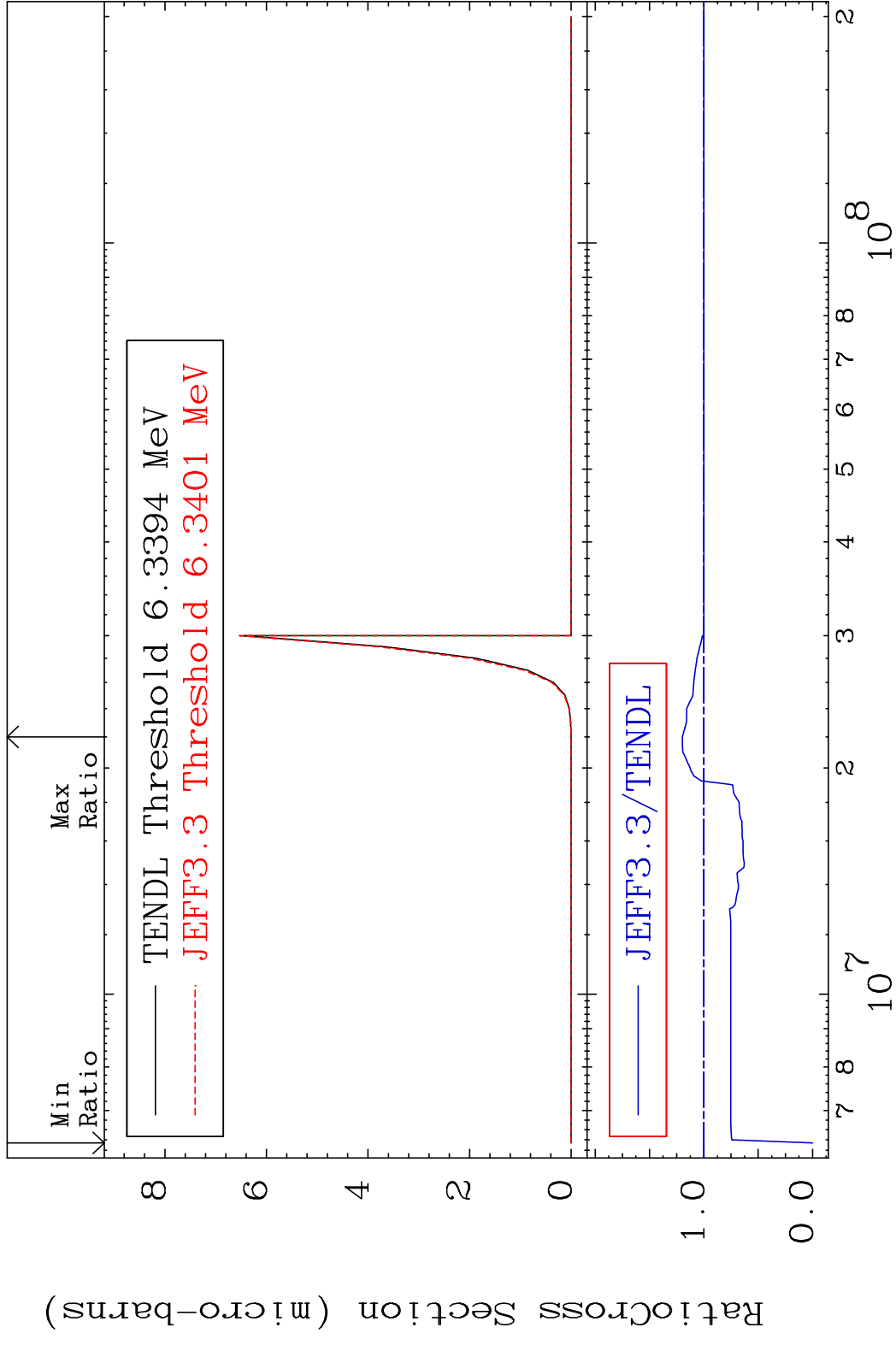
Cross Section

0.000

To 9999. %



MAT 7326 (n,2p) 73-Ta-180m  
 Cross Section -100.0 To 19.80 %





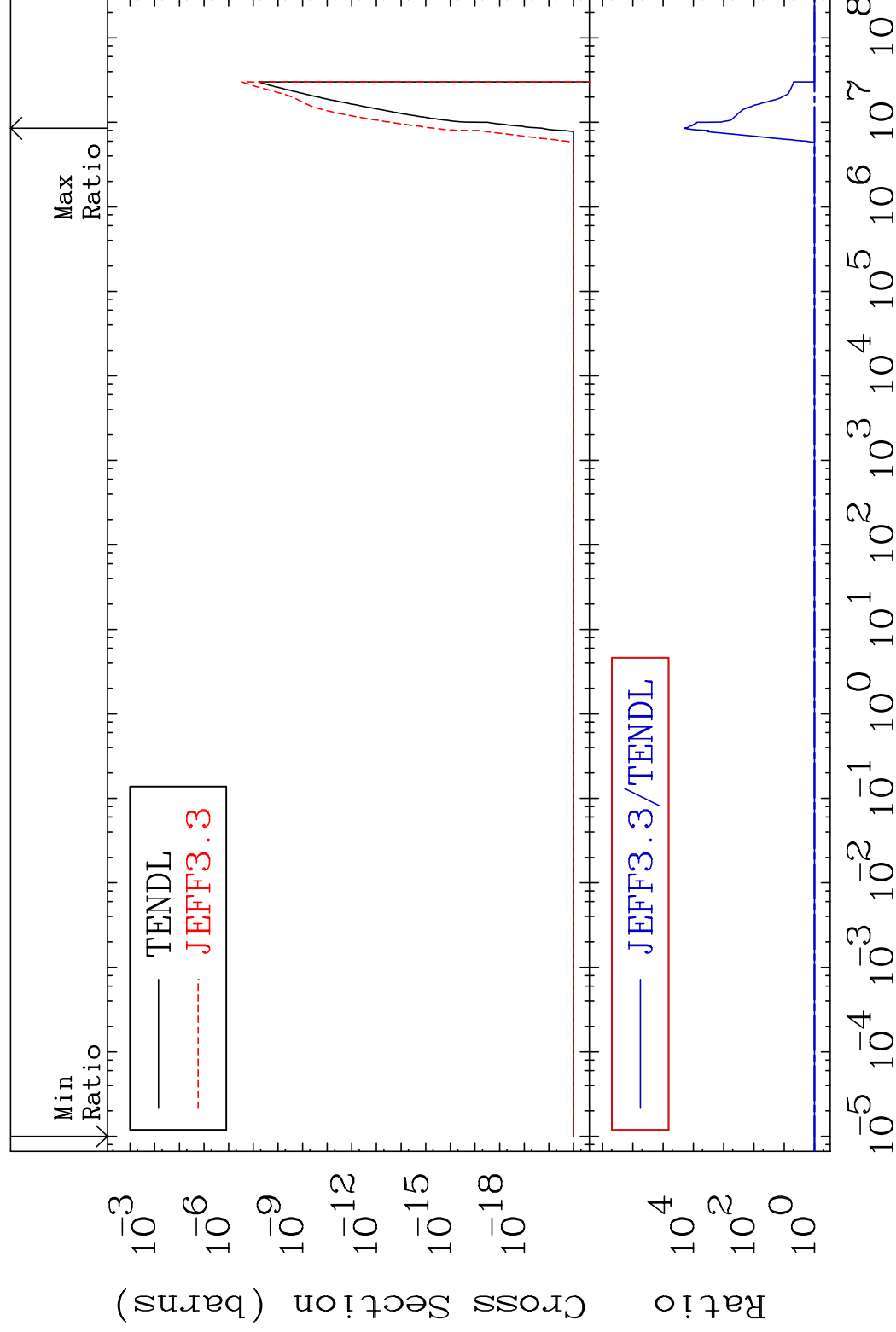
MAT 7326

(n,p)  $\alpha$

73-Ta-180m

Cross Section 0.000

To 9999. %

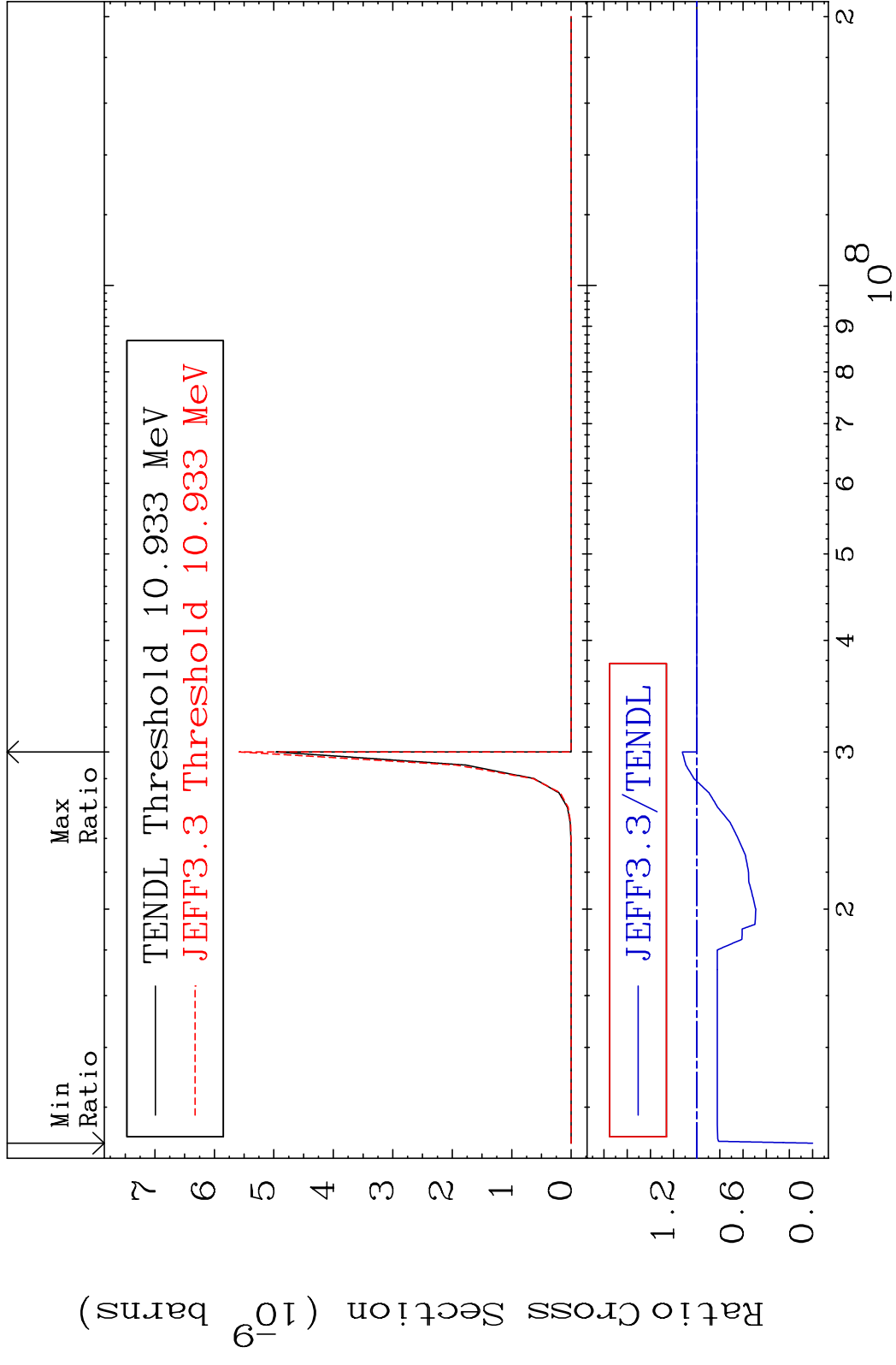


56

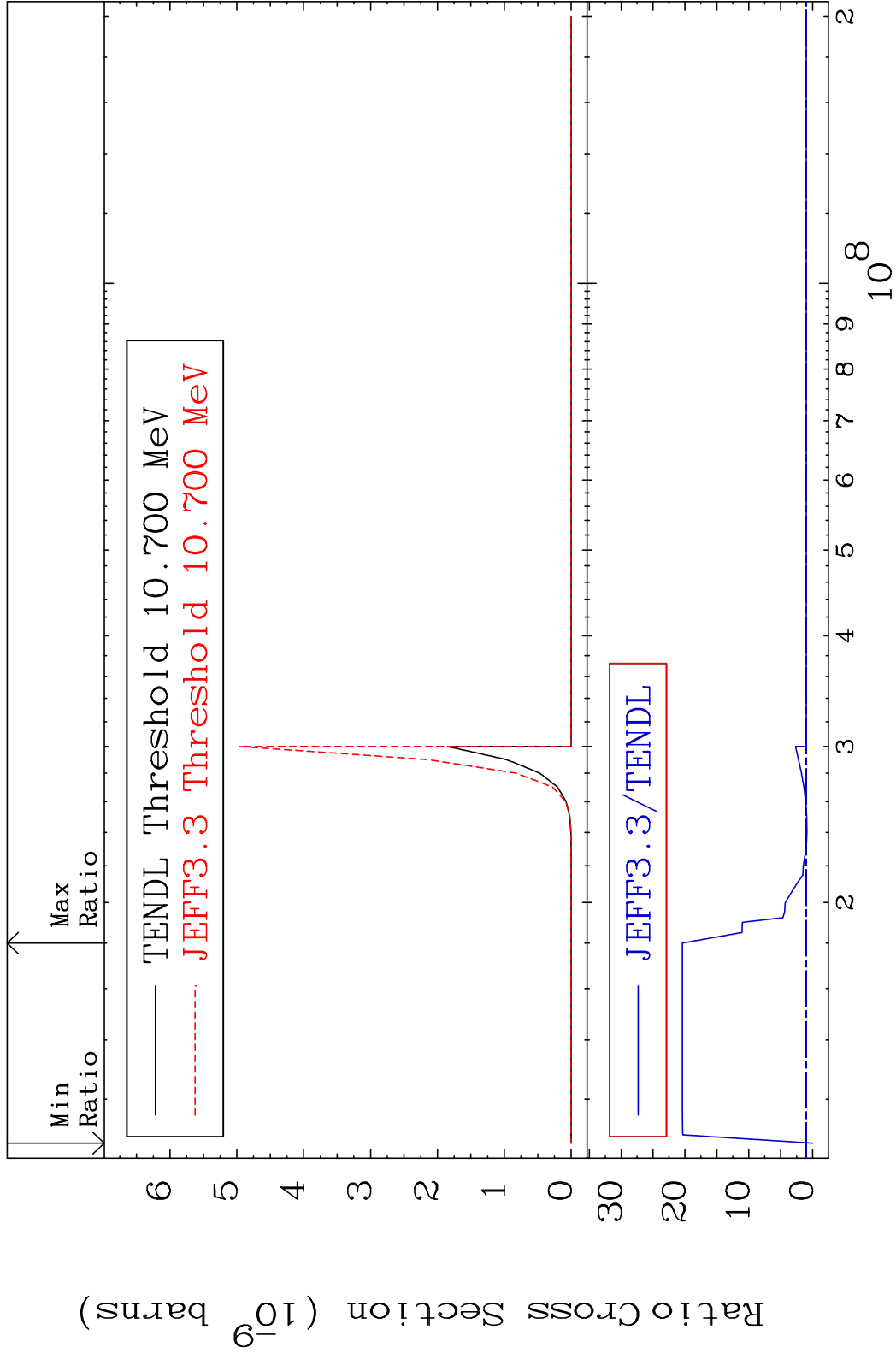
Incident Energy (eV)

73-Ta-180m

MAT 7326 (n,p) d 73-Ta-180m  
 Cross Section -100.0 To 12.40 %



MAT 7326 (n,p) t 73-Ta-180m  
 Cross Section -100.0 To 1941. %

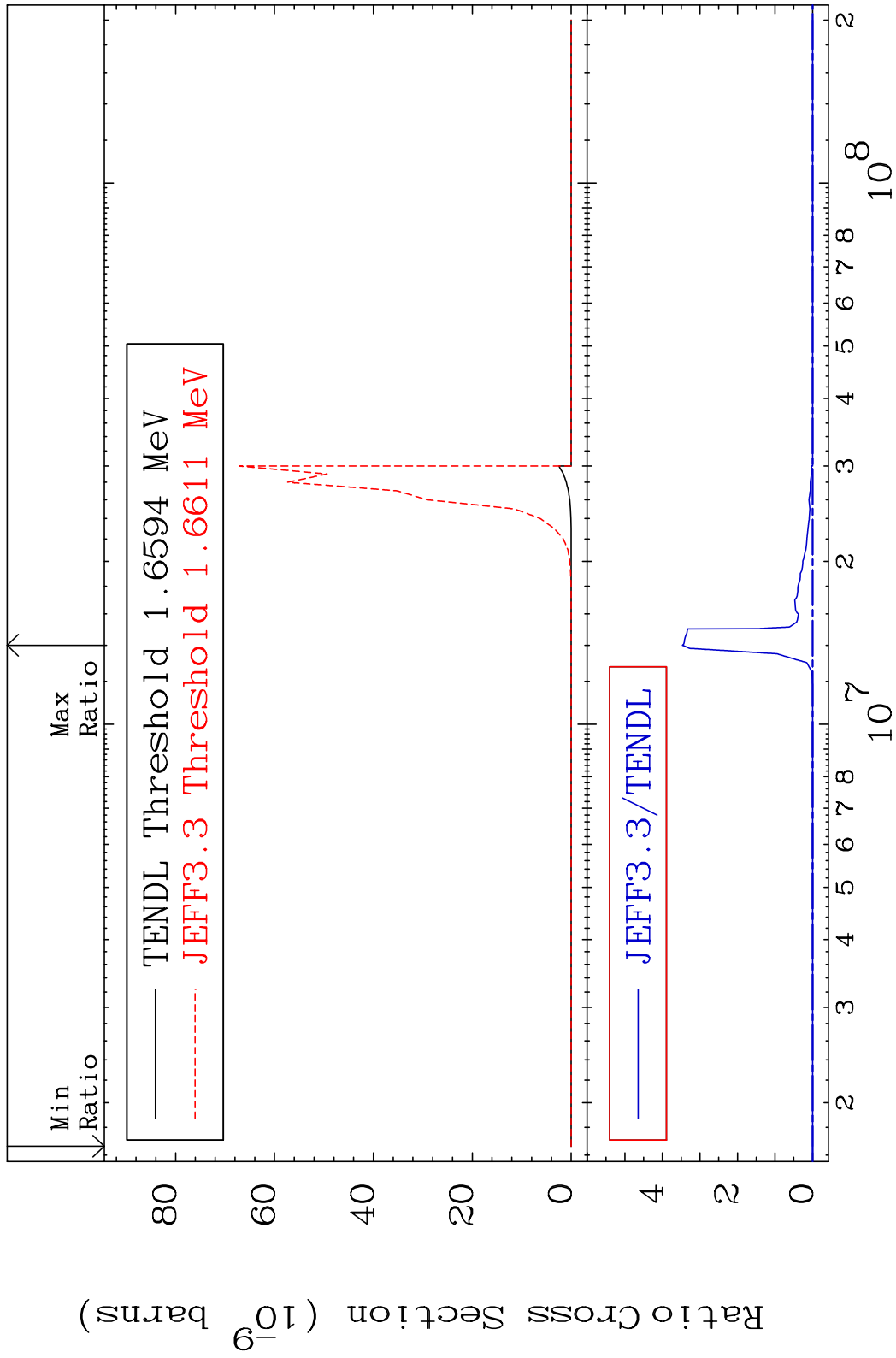


MAT 7326

(n,d)  $\alpha$

73-Ta-180m

Cross Section -100.0 To 9999. %

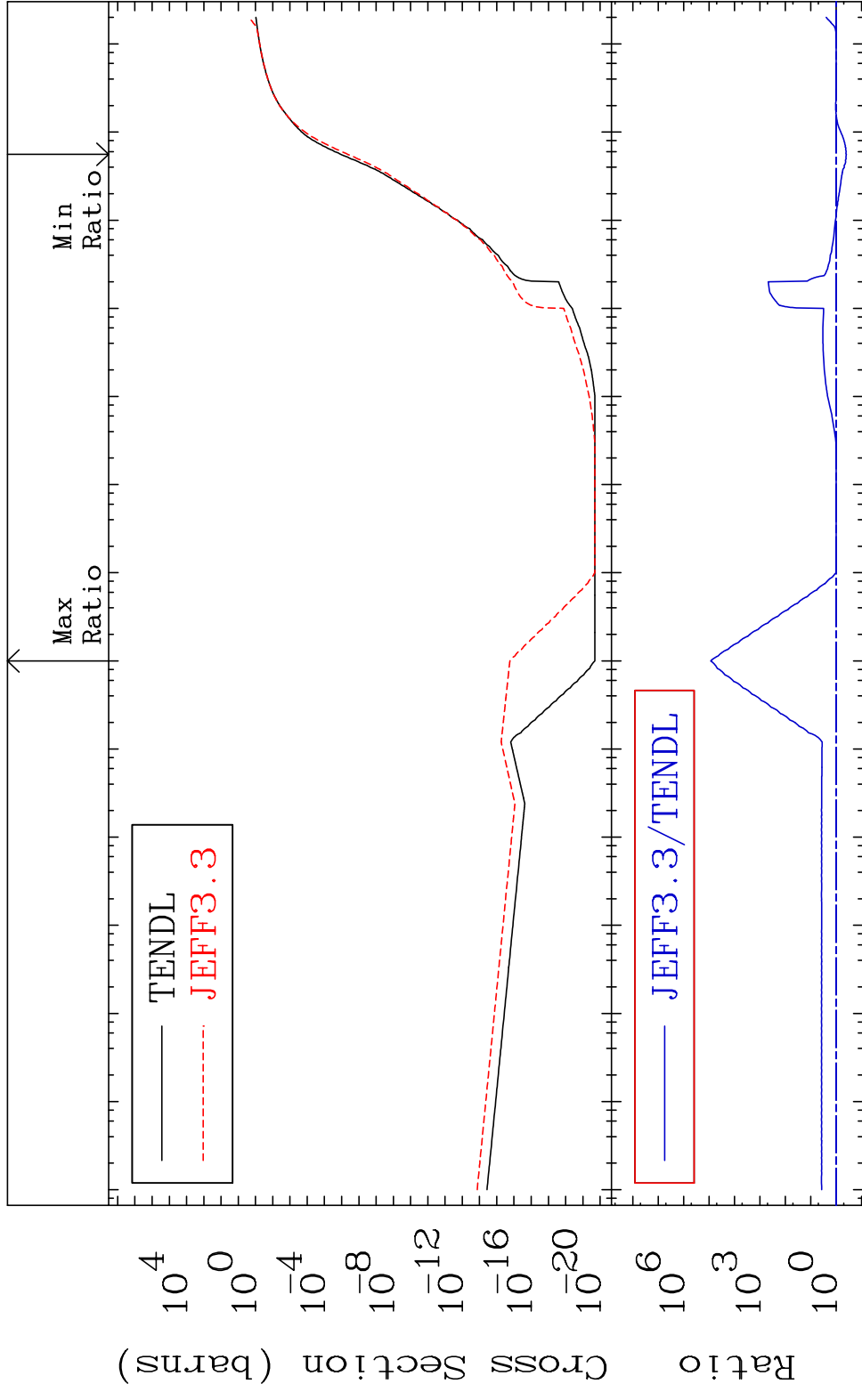


59

Incident Energy (eV)

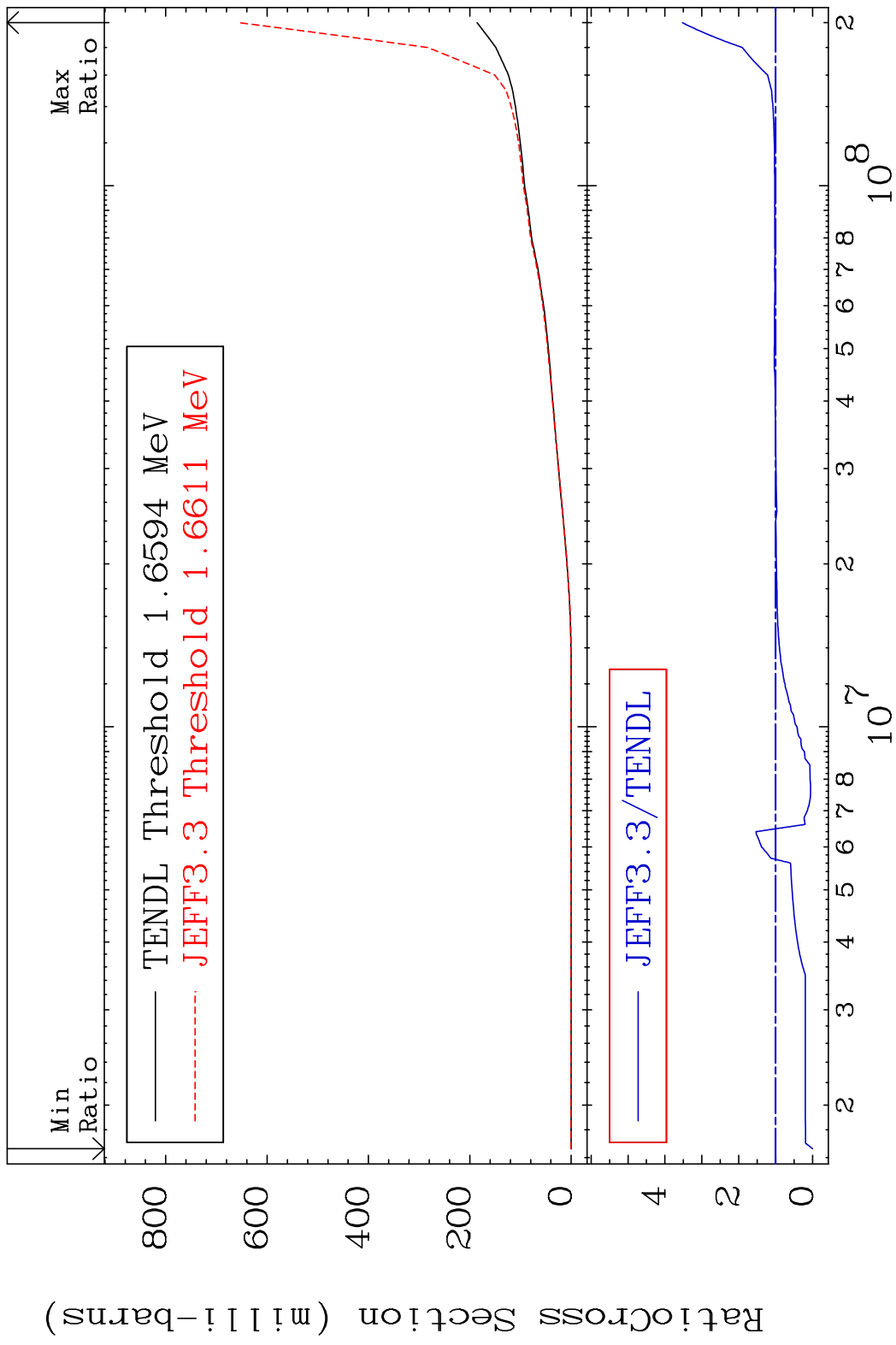
73-Ta-180m

MAT 7326 Hydrogen Production 73-Ta-180m  
 Cross Section -60.34 To 9999. %



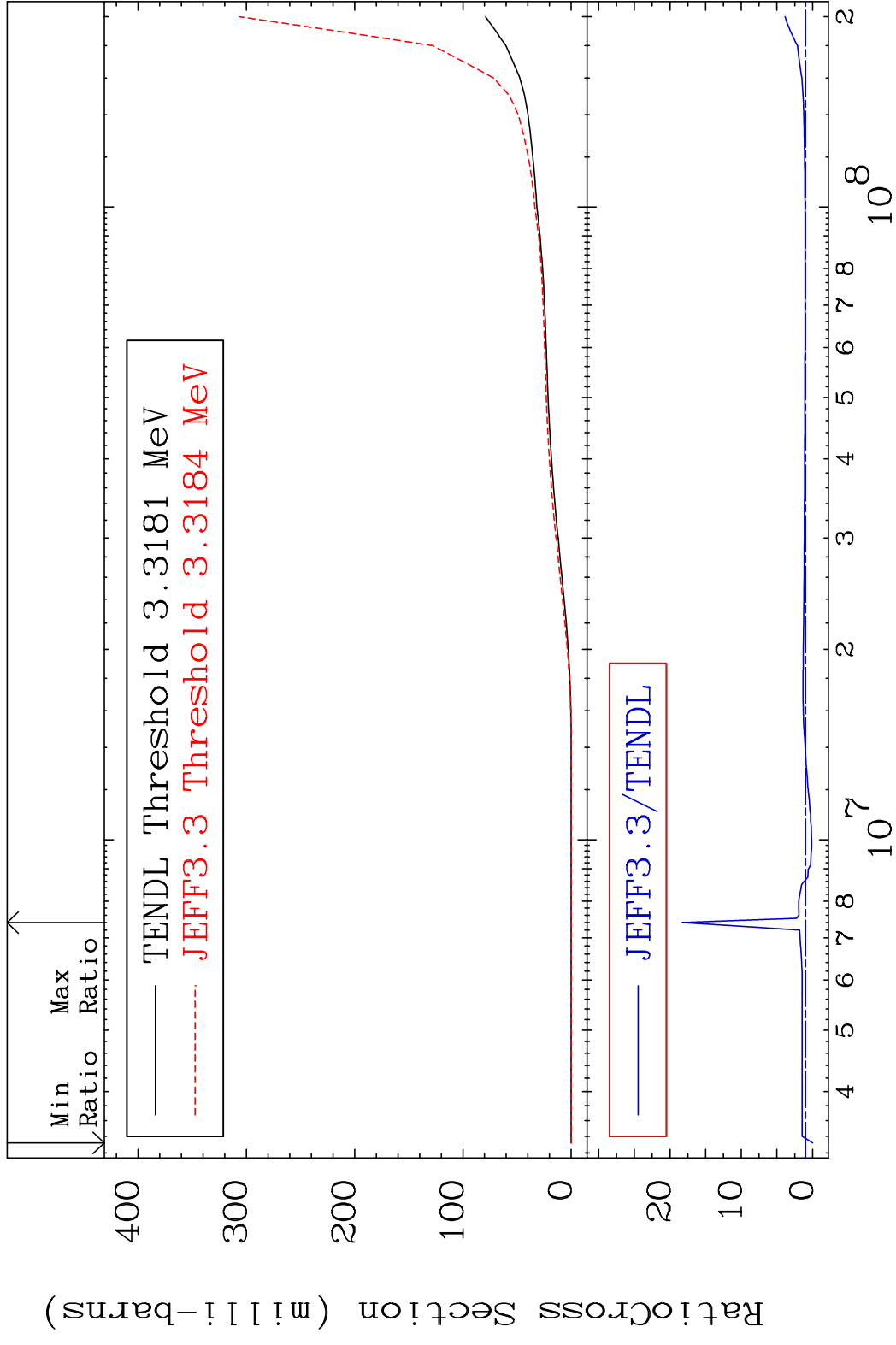
60 Incident Energy (eV) 73-Ta-180m

MAT 7326 Deuterium Production 73-Ta-180m  
 Cross Section -100.0 To 252.8 %



MAT 7326

Tritium Production 73-Ta-180m  
Cross Section -100.0 To 1727. %

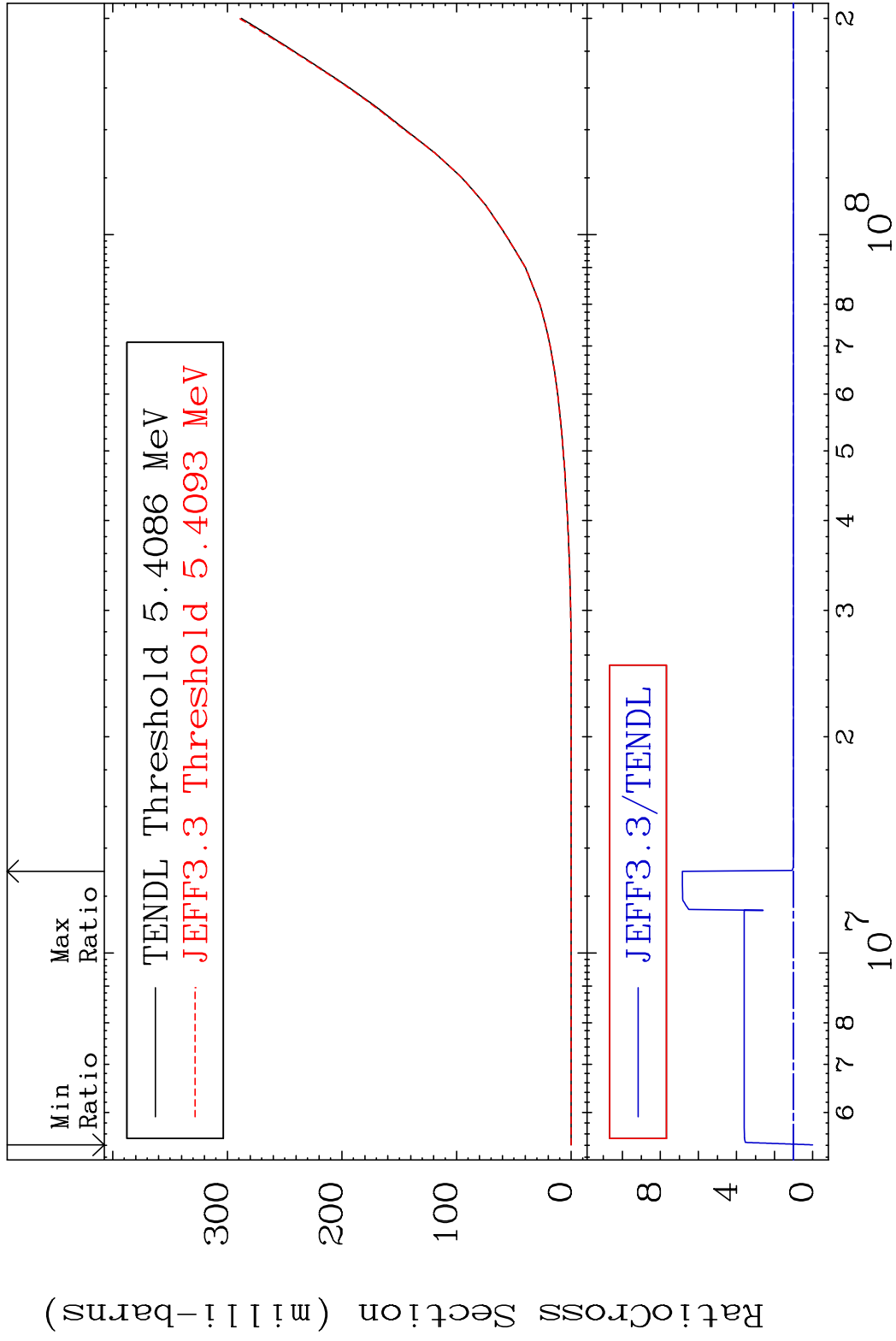


MAT 7326

He-3 Production

73-Ta-180m

Cross Section -100.0 To 584.4 %



63

Incident Energy (eV)

73-Ta-180m

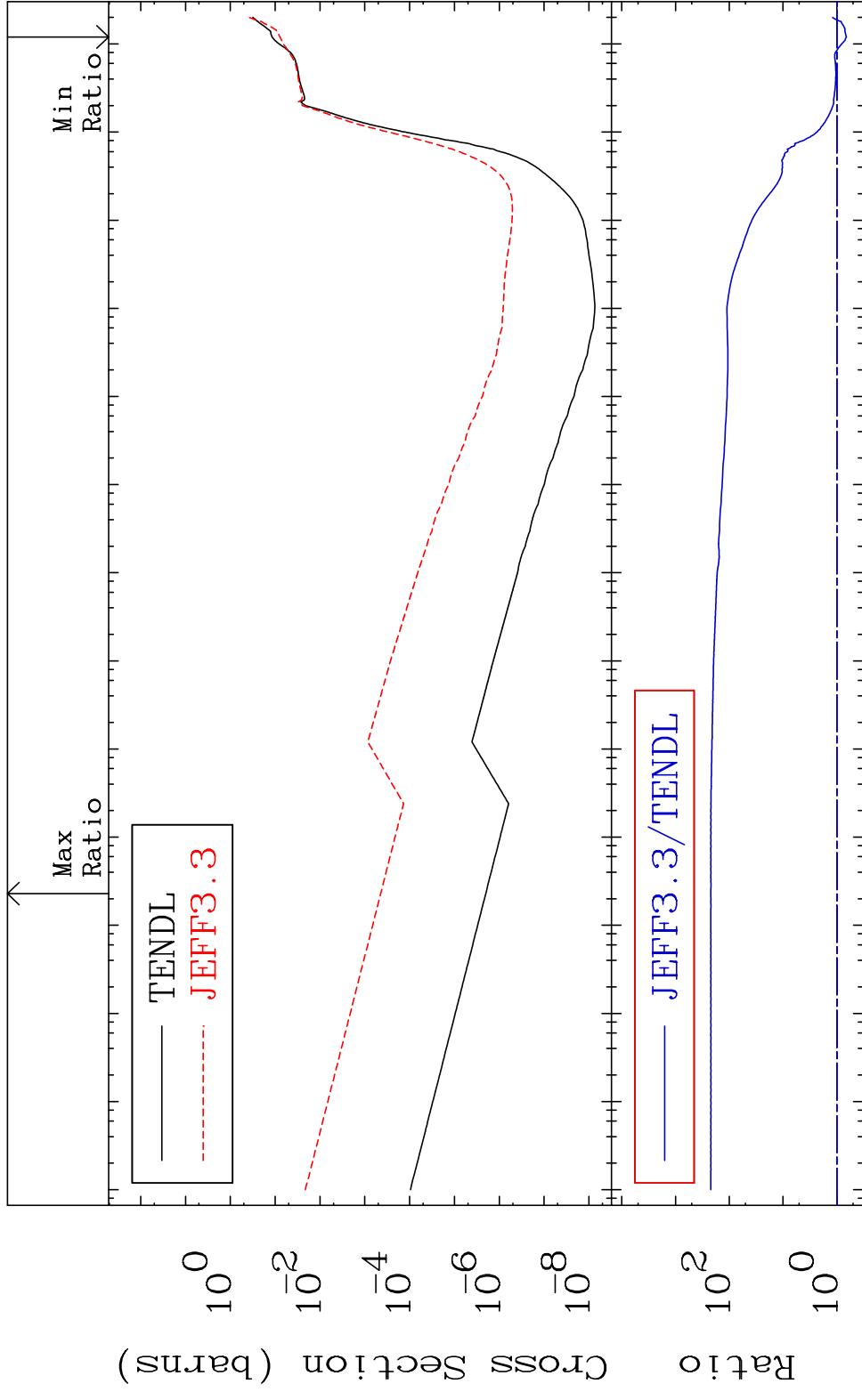


MAT 7326

He-4 Production

73-Ta-180m

Cross Section -33.50 To 9999. %

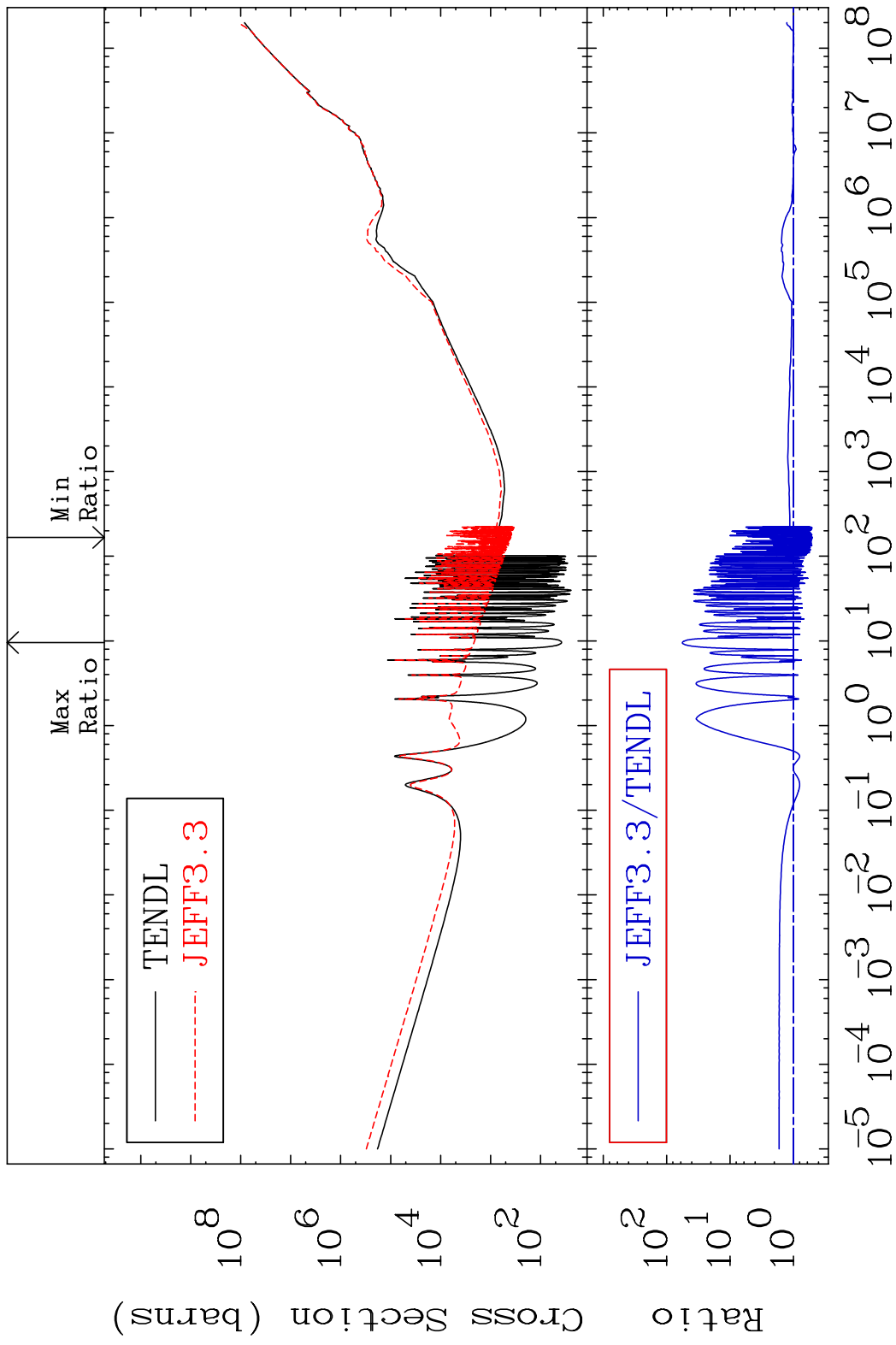


64

Incident Energy (eV)

73-Ta-180m

MAT 7326 Kerma total (eV-barns) 73-Ta-180m  
 Cross Section -50.20 To 5548. %



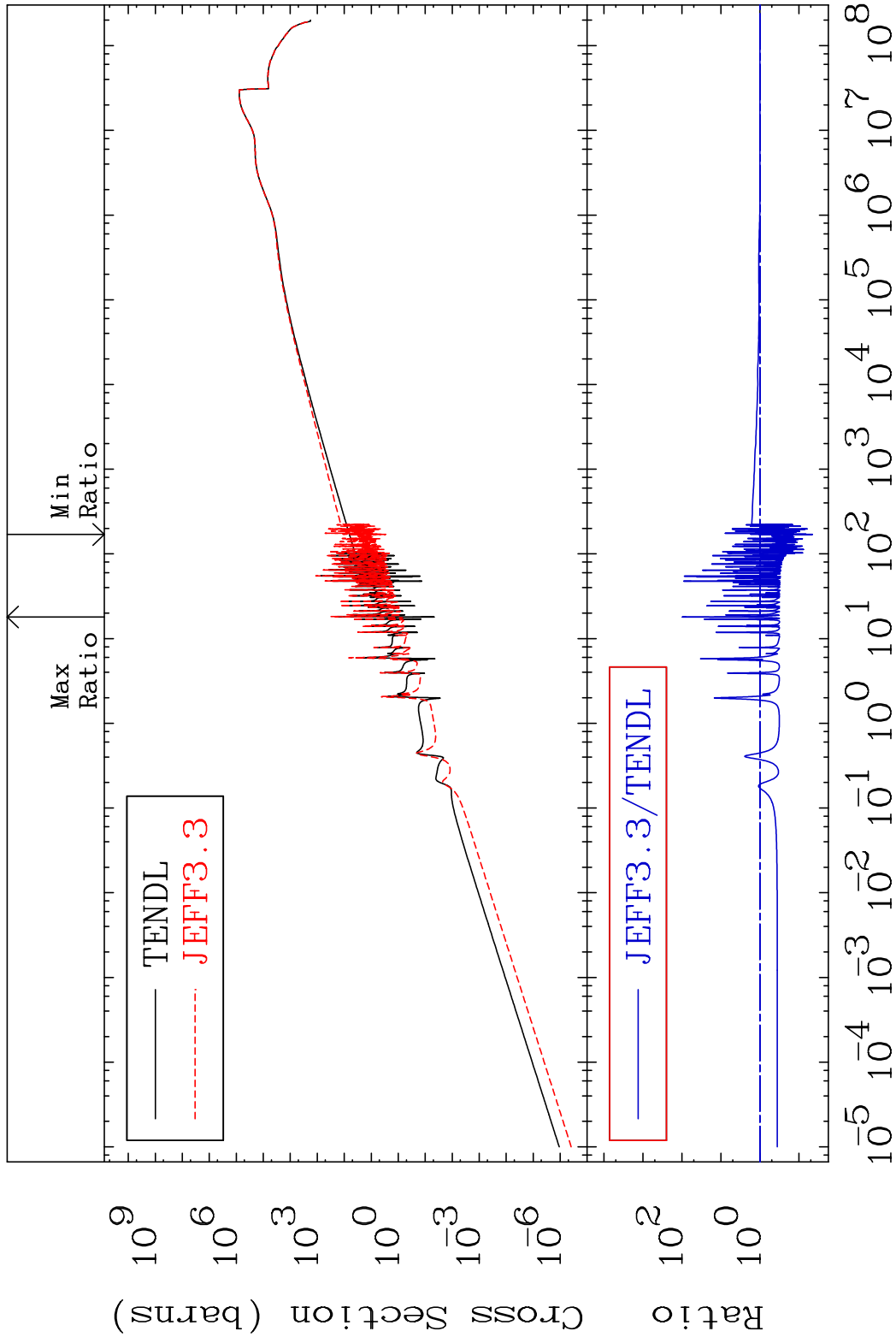
65 Incident Energy (eV) 73-Ta-180m

MAT 7326

Kerma elastic

73-Ta-180m

Cross Section -95.51 To 9679. %

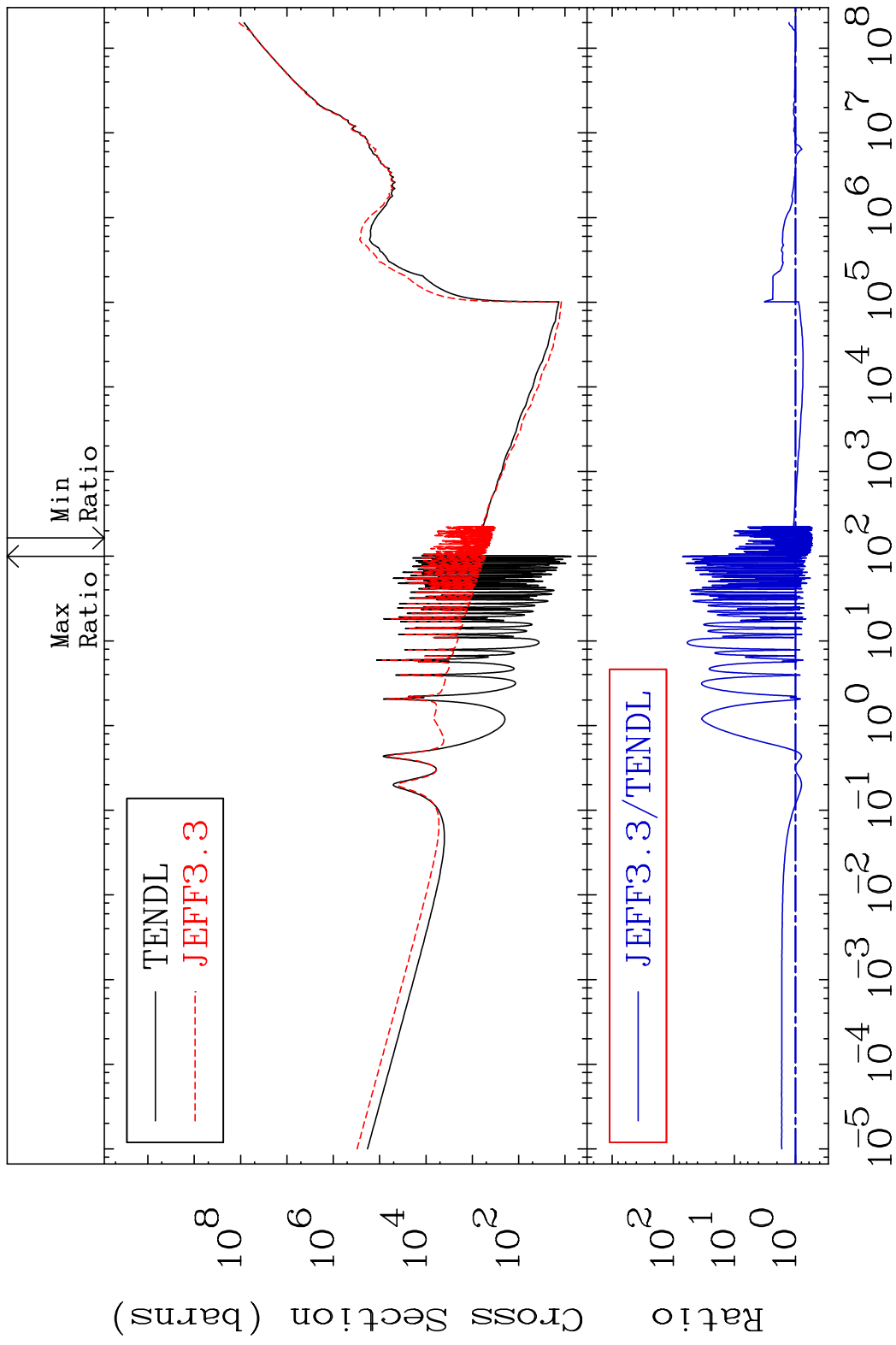


66

Incident Energy (eV)

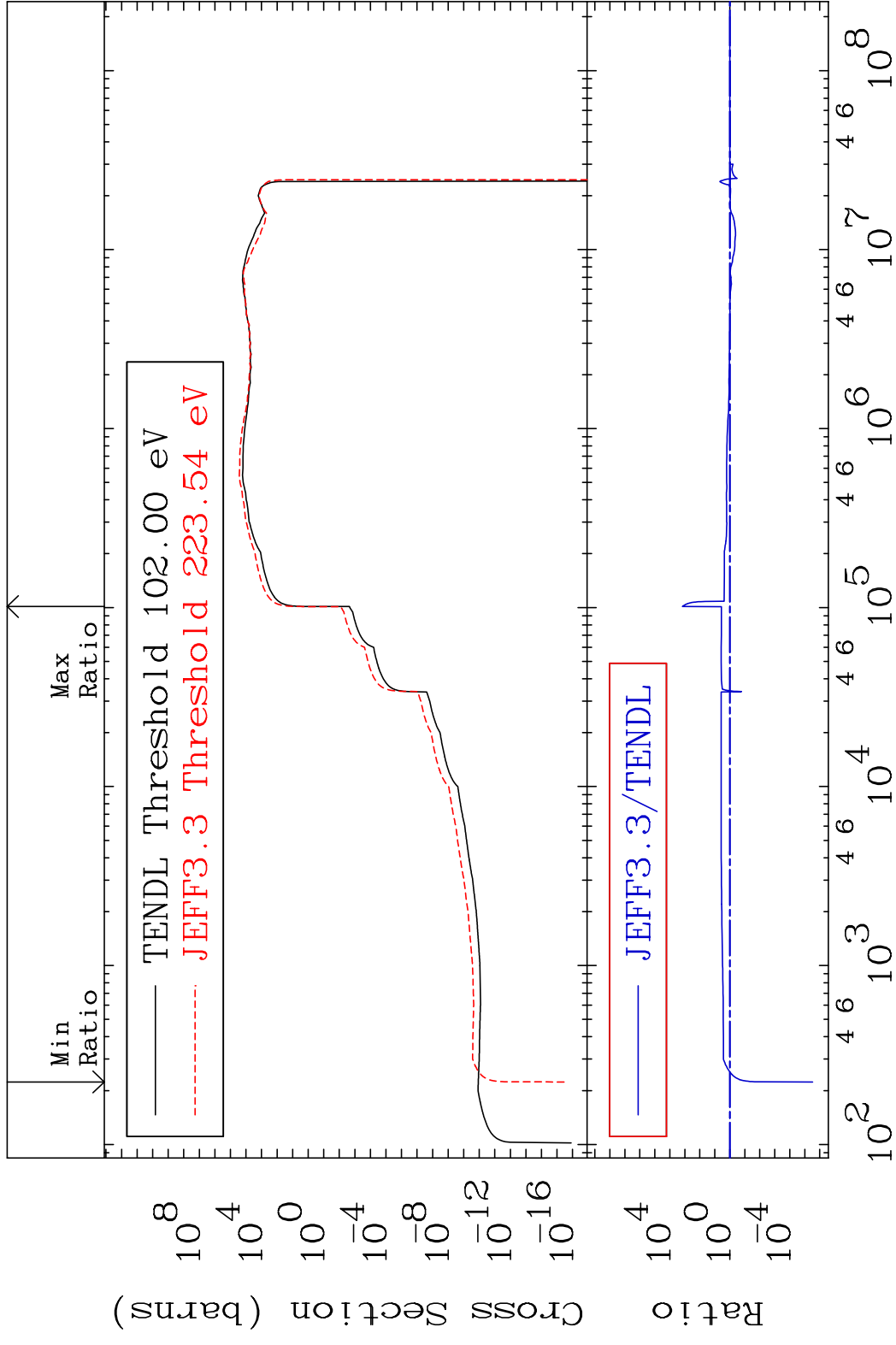
73-Ta-180m

MAT 7326 Kerma non-elastic (all but mt2) 73-Ta-180m  
 Cross Section -47.54 To 6979. %



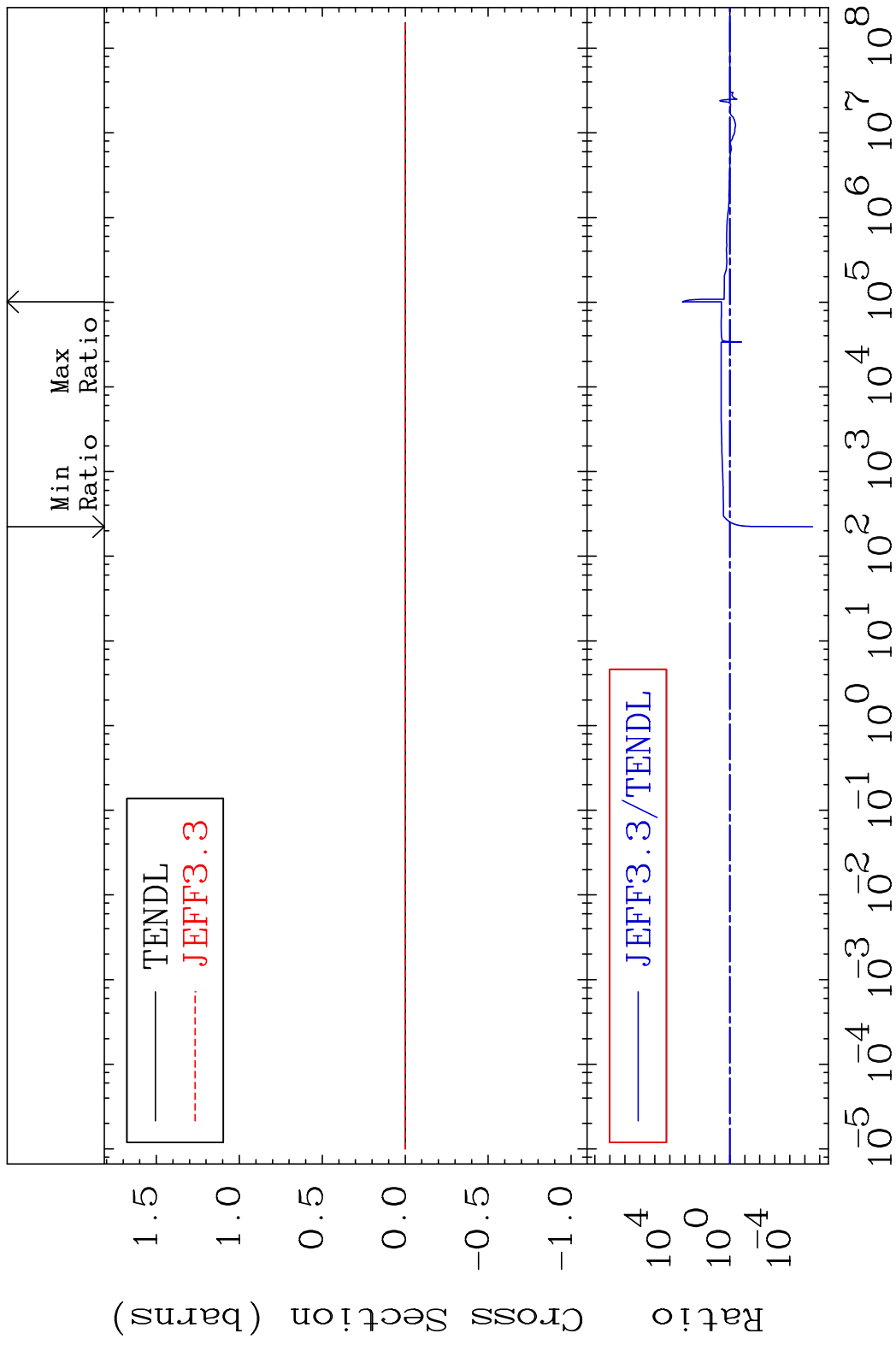
67 Incident Energy (eV) 73-Ta-180m

MAT 7326 Kerma inelastic (mt51-91) 73-Ta-180m  
 Cross Section -100.0 To 9999. %



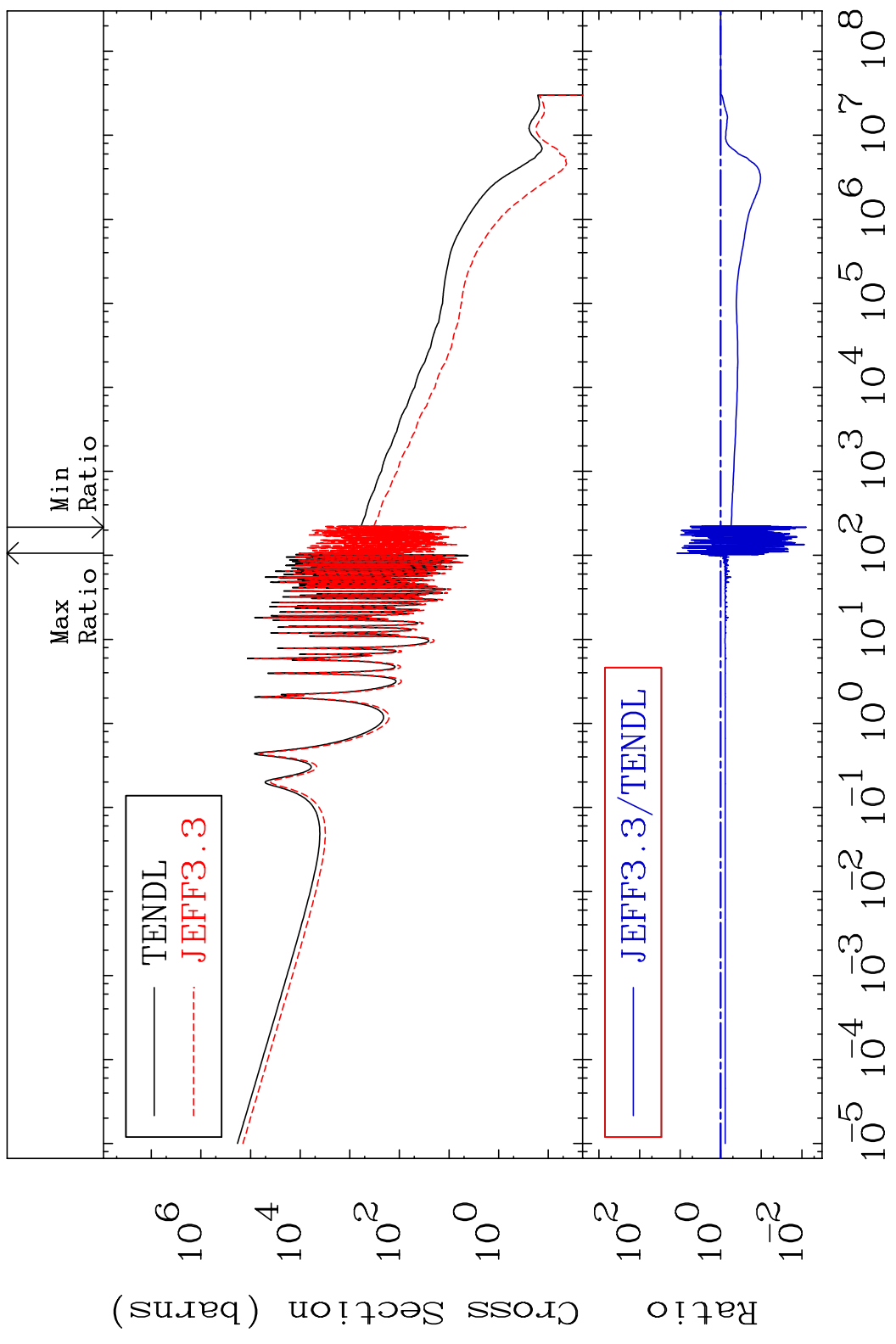
68 Incident Energy (eV) 73-Ta-180m

MAT 7326 Kerma fission (mt18 or mt19-20-21-38) $\beta$ -Ta-180m  
 Cross Section -100.0 To 9999. %



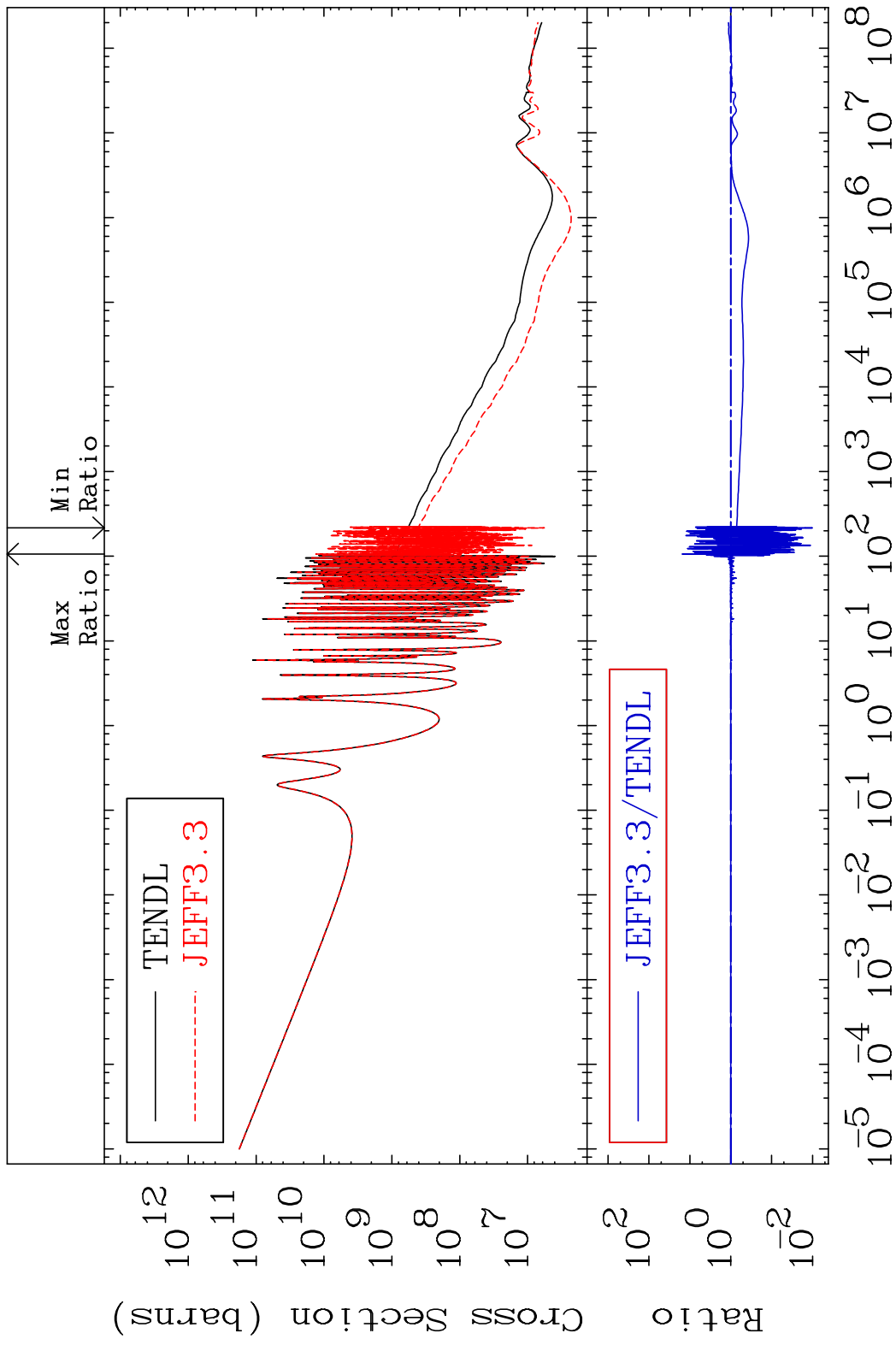
MAT 7326

Kerma capture (mt102) 73-Ta-180m  
Cross Section -99.23 To 1082. %



73-Ta-180m

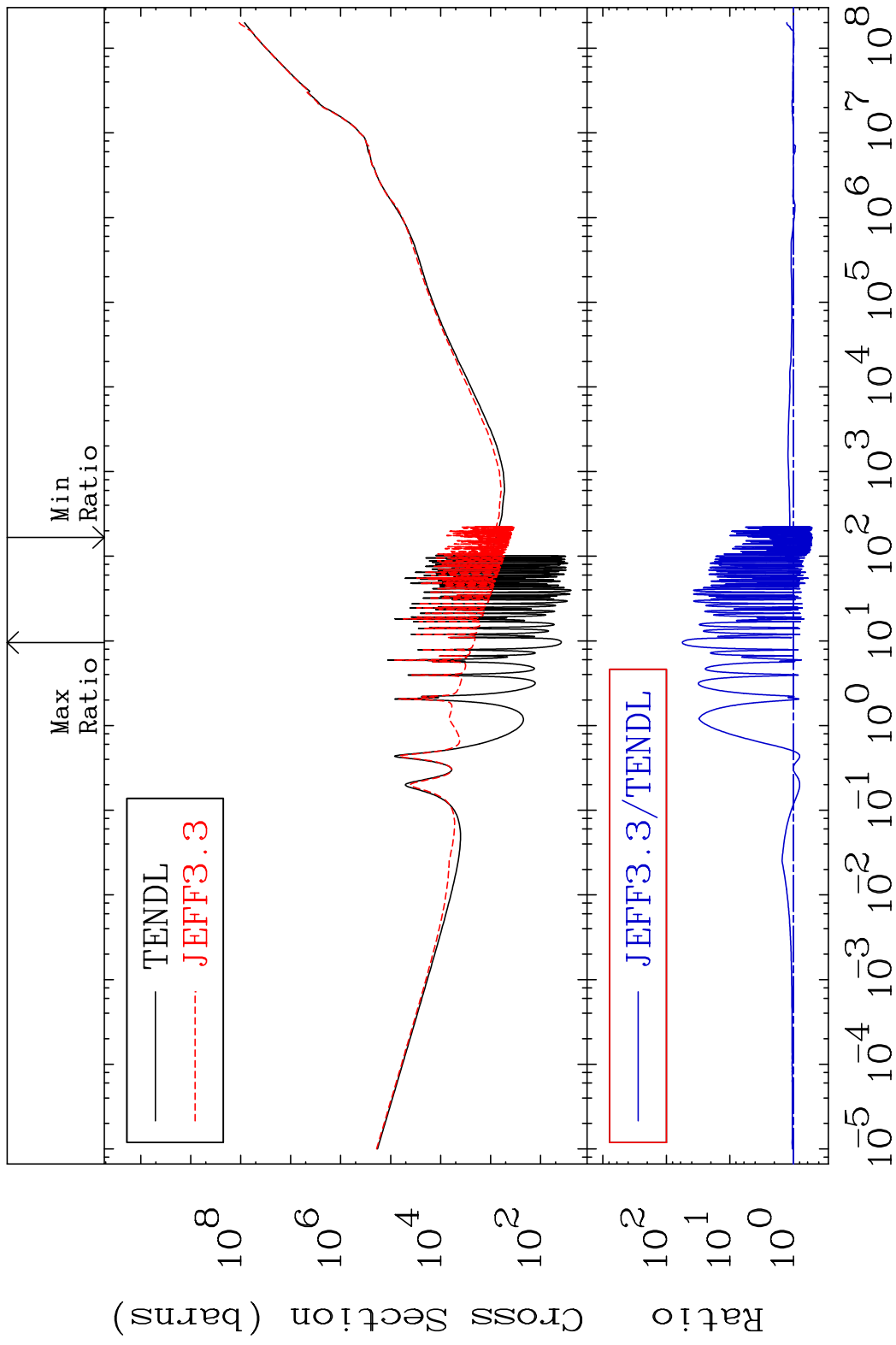
MAT 7326 Total photon (eV-barns) 73-Ta-180m  
 Cross Section -99.00 To 1425. %



71 Incident Energy (eV) 73-Ta-180m

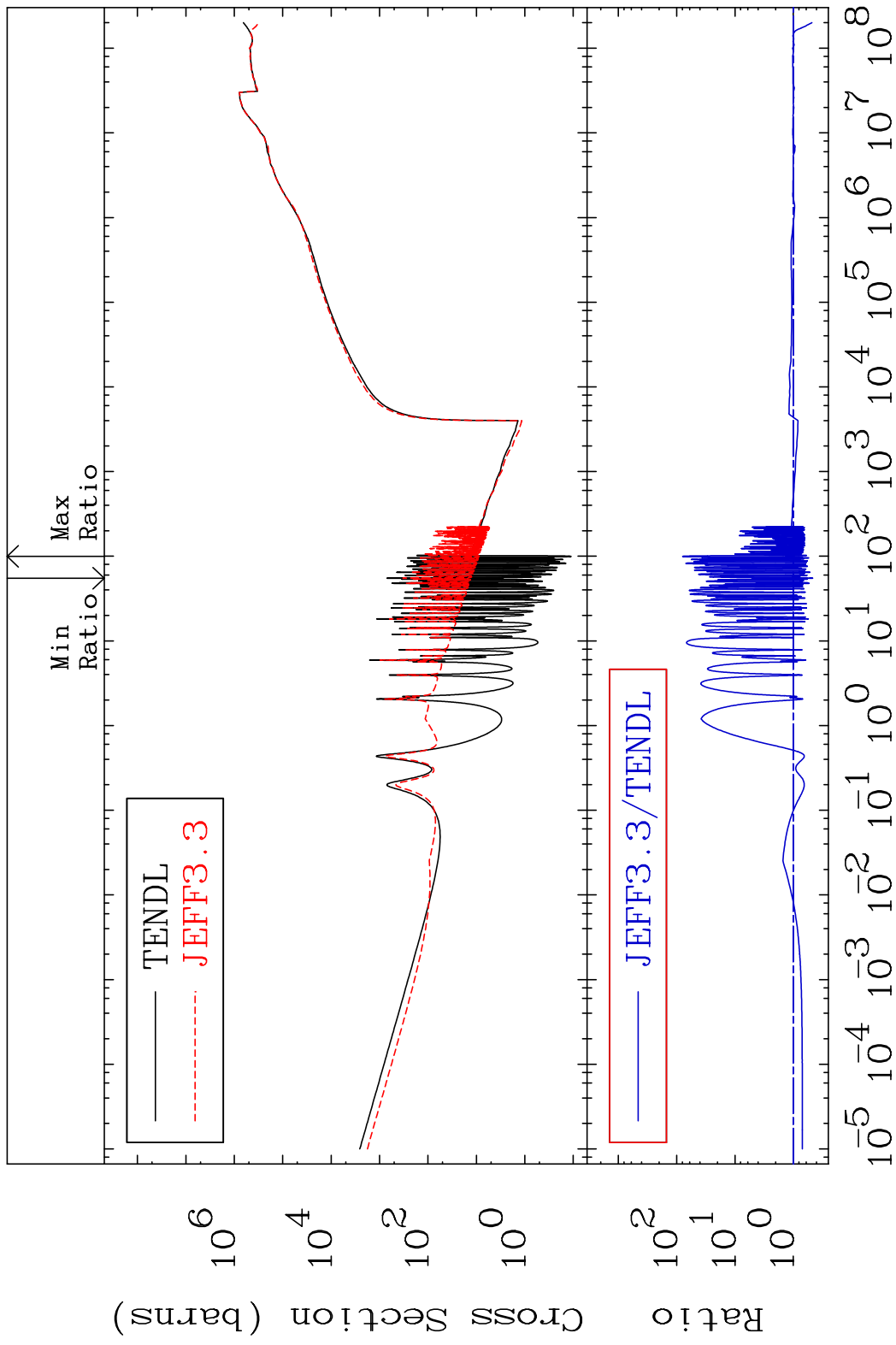


MAT 7326 Total kinematic kerma (high limit)73-Ta-180m  
 Cross Section -49.96 To 5505. %



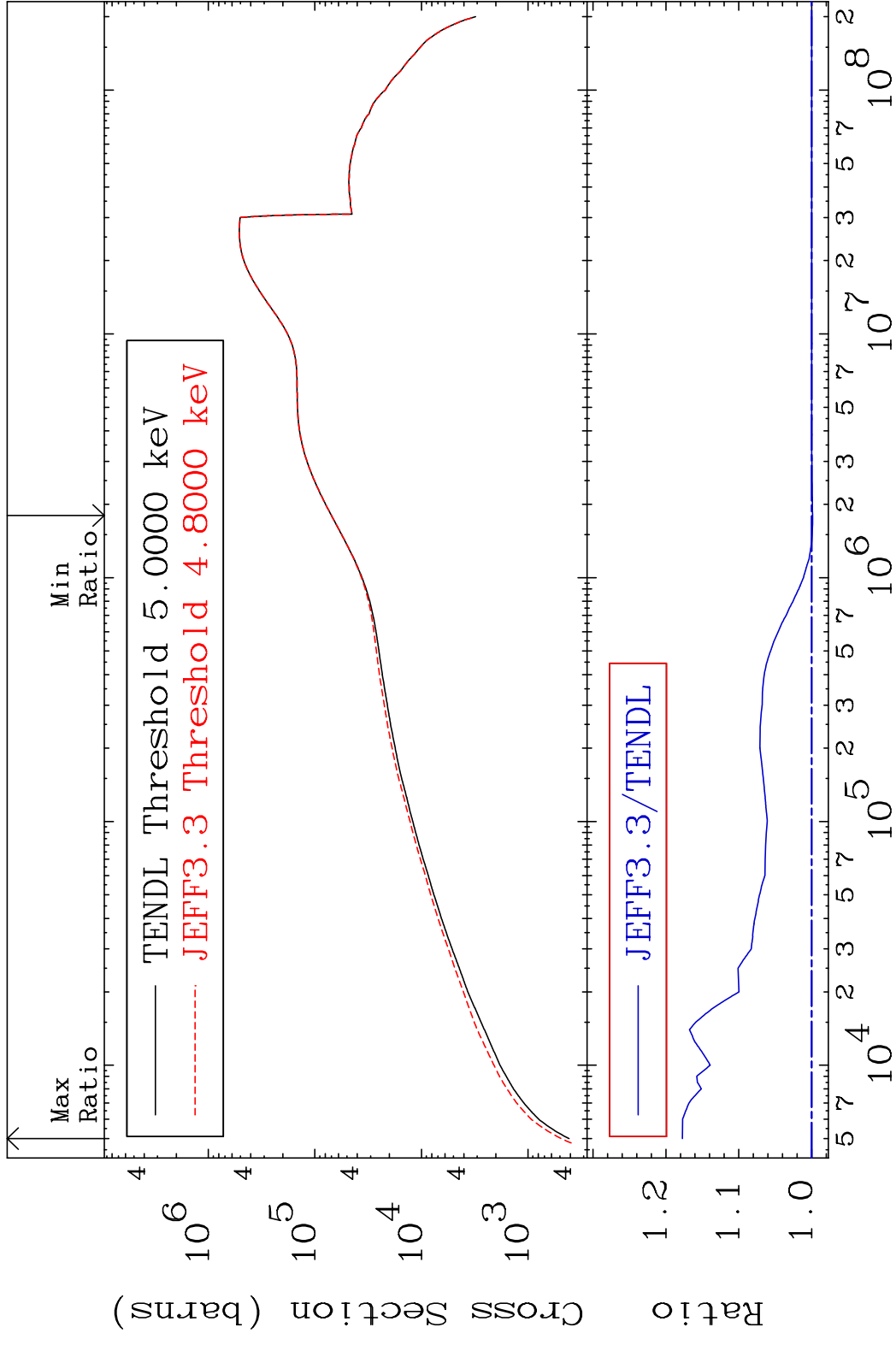
72 Incident Energy (eV) 73-Ta-180m

MAT 7326 Dpa total (eV-barns) 73-Ta-180m  
 Cross Section -53.25 To 7886. %

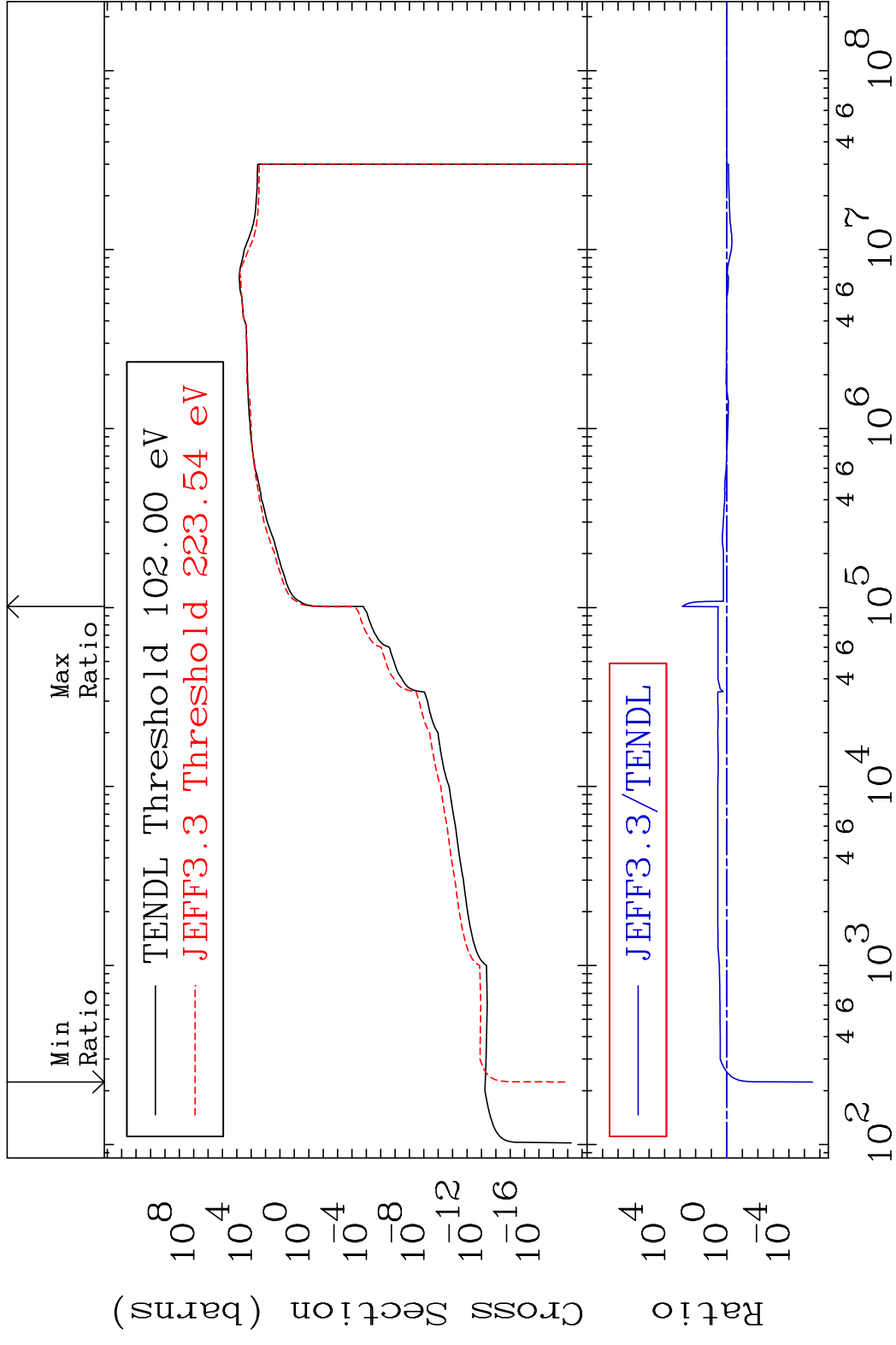


73 Incident Energy (eV) 73-Ta-180m

MAT 7326      Dpa elastic (mt2)      73-Ta-180m  
 Cross Section      -0.113 To 17.74 %

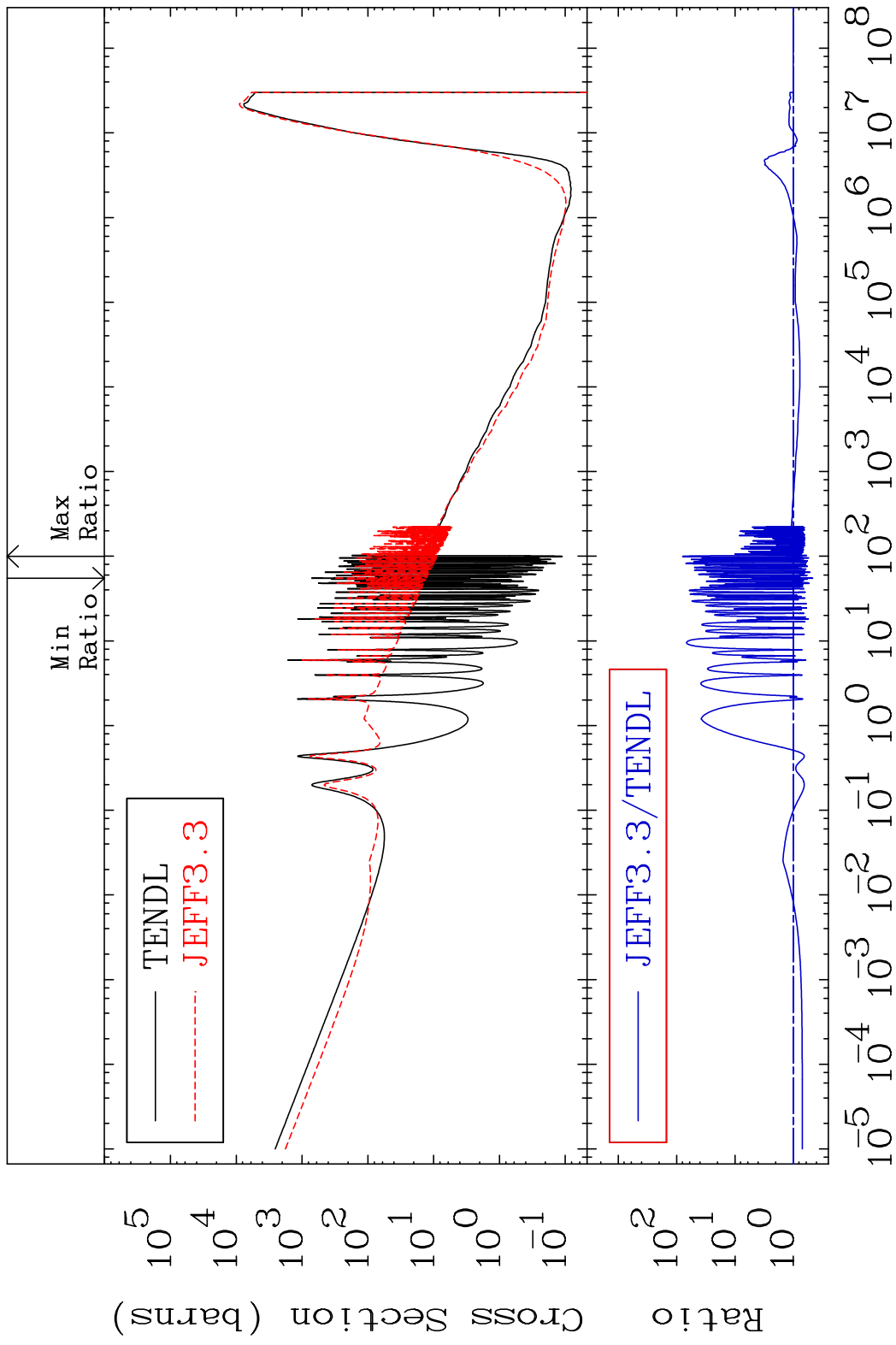


MAT 7326 Dpa inelastic (mt51-91) 73-Ta-180m  
 Cross Section -100.0 To 9999. %



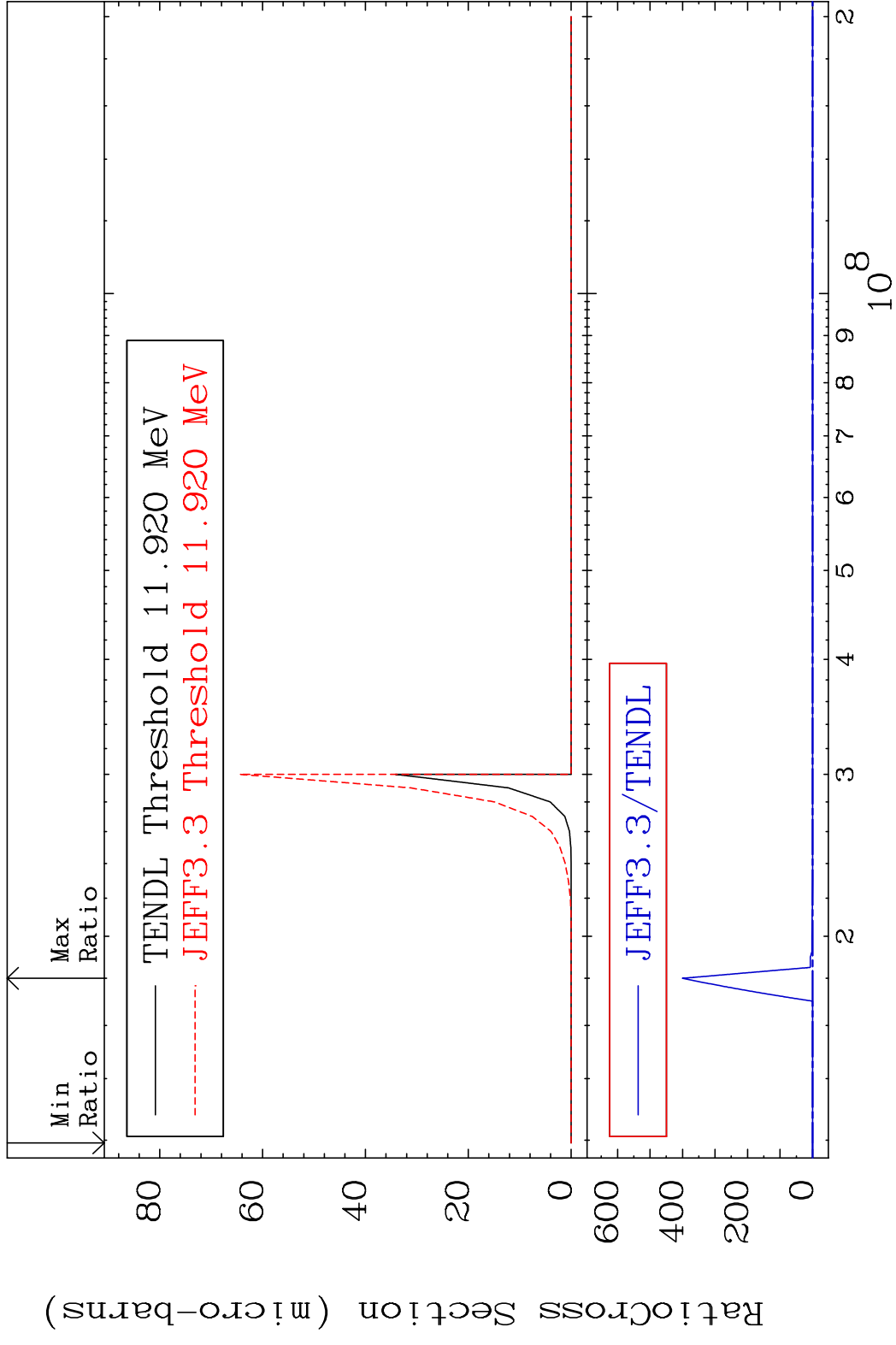
75 Incident Energy (eV) 73-Ta-180m

MAT 7326 Dpa disappearance (mt102 -120) 73-Ta-180m  
 Cross Section -53.25 To 7886. %

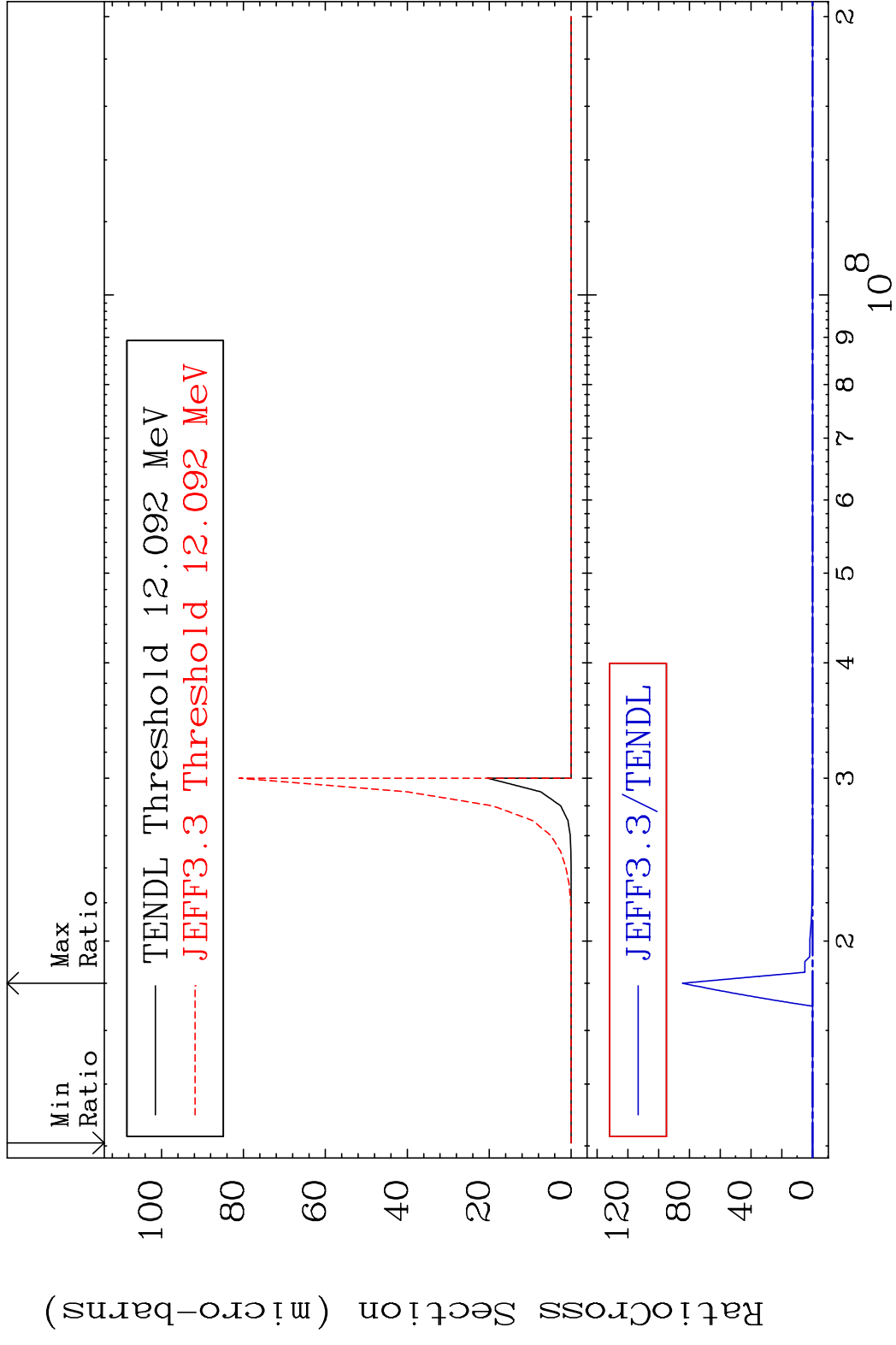


76 Incident Energy (eV) 73-Ta-180m

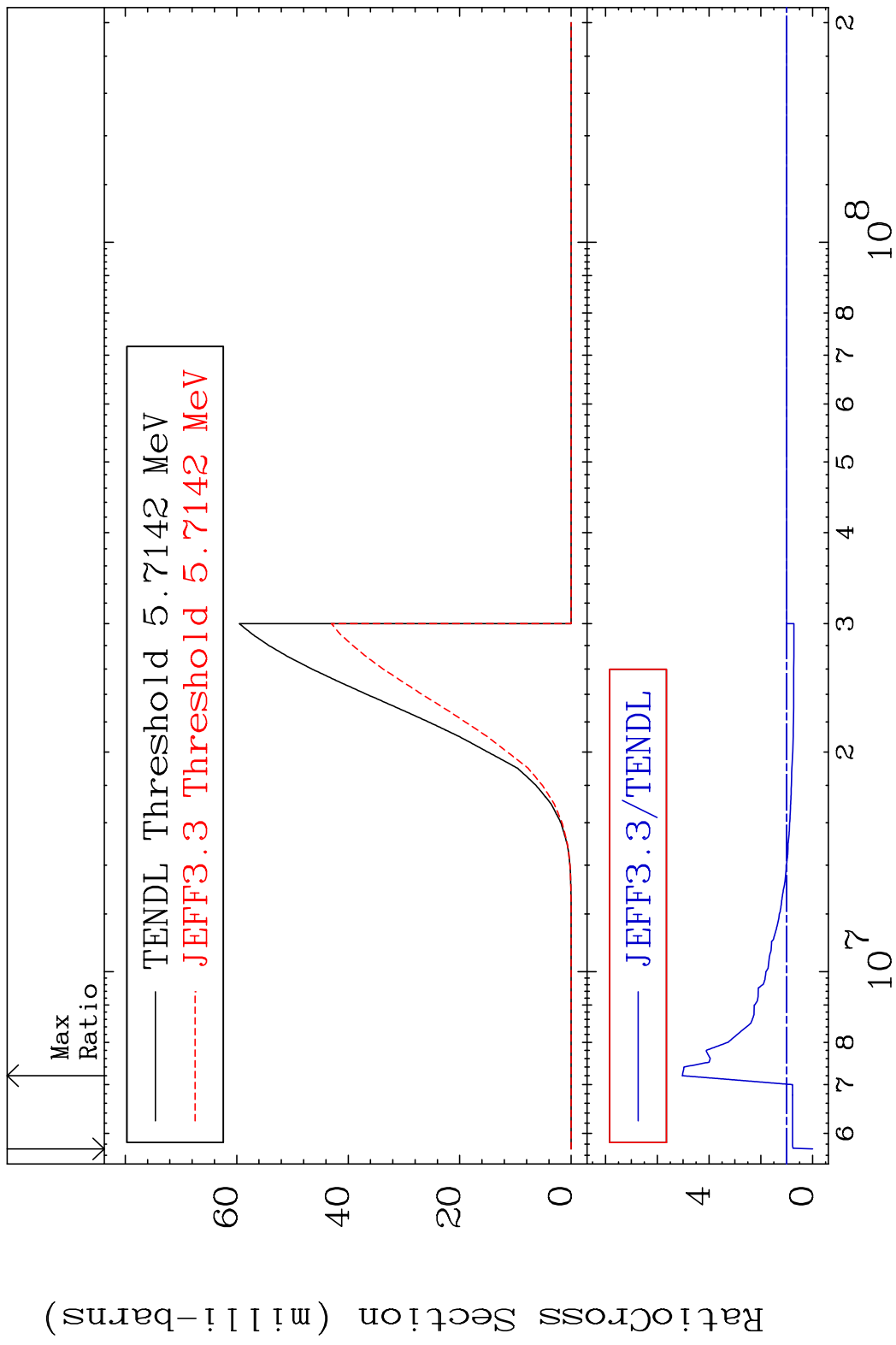
MAT 7326 (n,3n)  $\alpha$ :71-Lu-174g 73-Ta-180m  
 Radionuclide Production Cross Section (%) 9999. %



MAT 7326 (n,3n)  $\alpha$ :71-Lu-174m3 73-Ta-180m  
 Radionuclide Production Cross Section 180000 to 9999. %



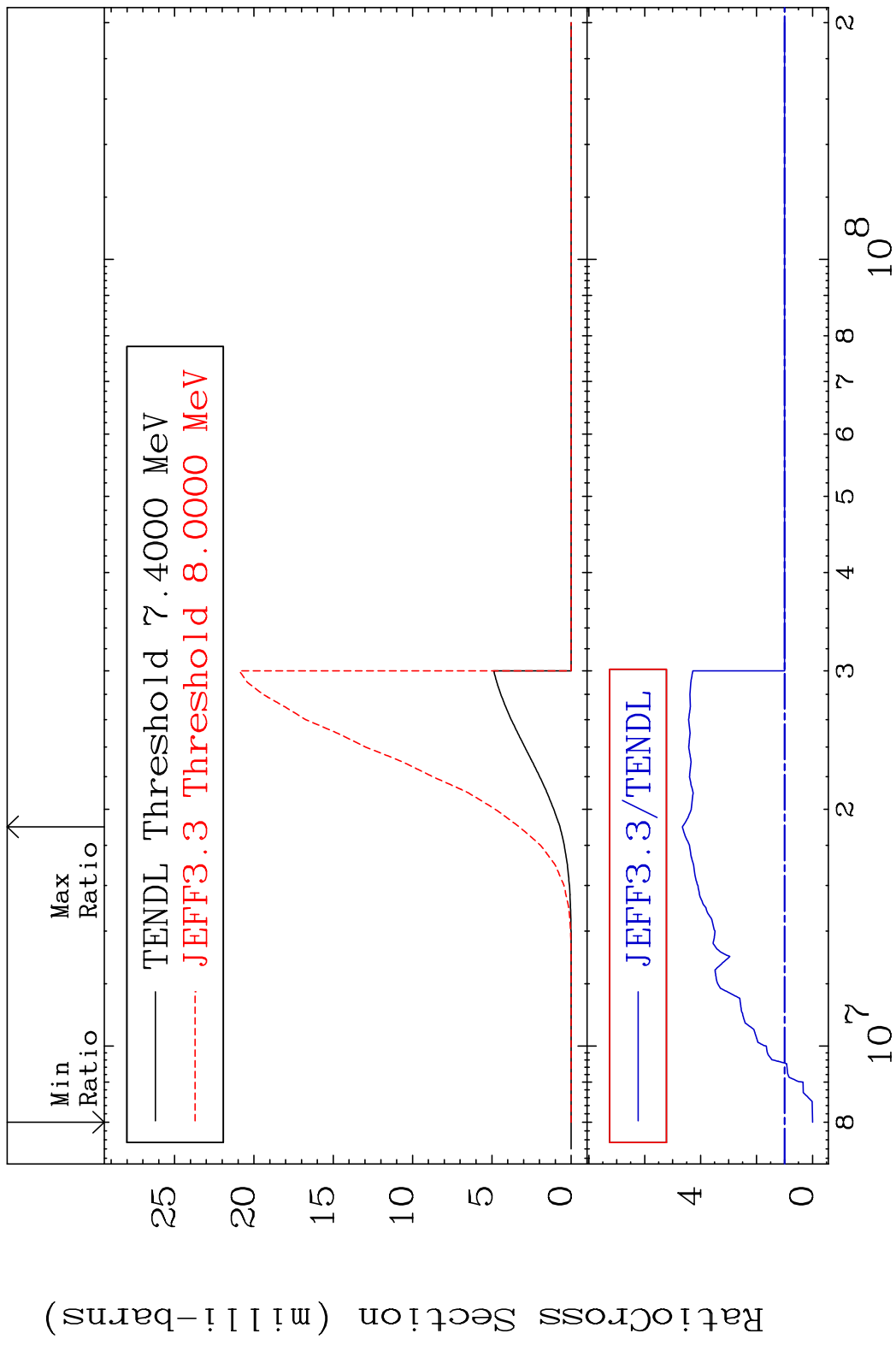
MAT 7326 (n, n') p:72-Hf-179g 73-Ta-180m  
 Radionuclide Production Cross Section 180.0 d to 403.2 %



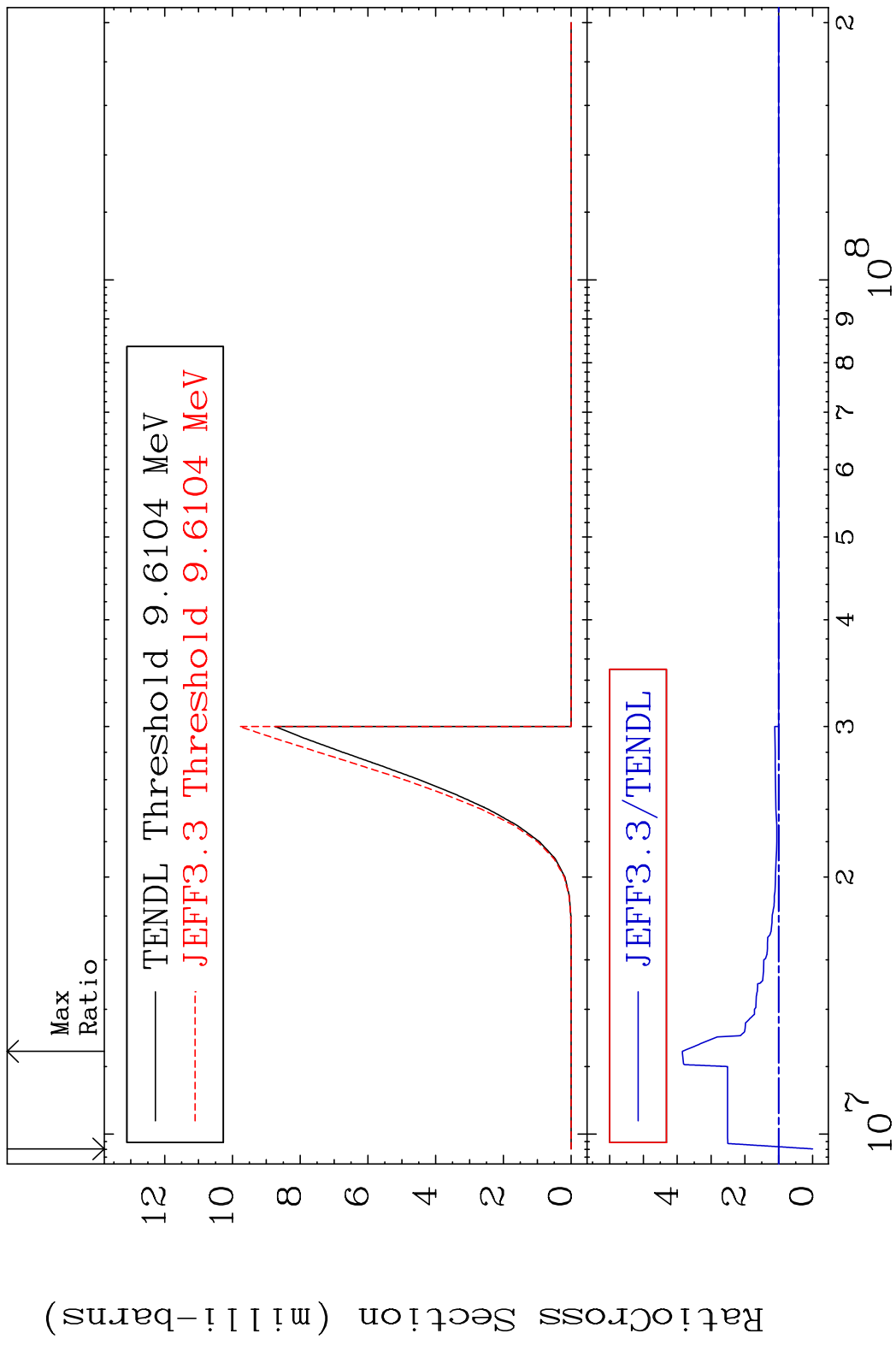
79 Incident Energy (eV) 73-Ta-180m



MAT 7326 (n, n') p:72-Hf-179m5 73-Ta-180m  
 Radionuclide Production Cross Section 365.5 %

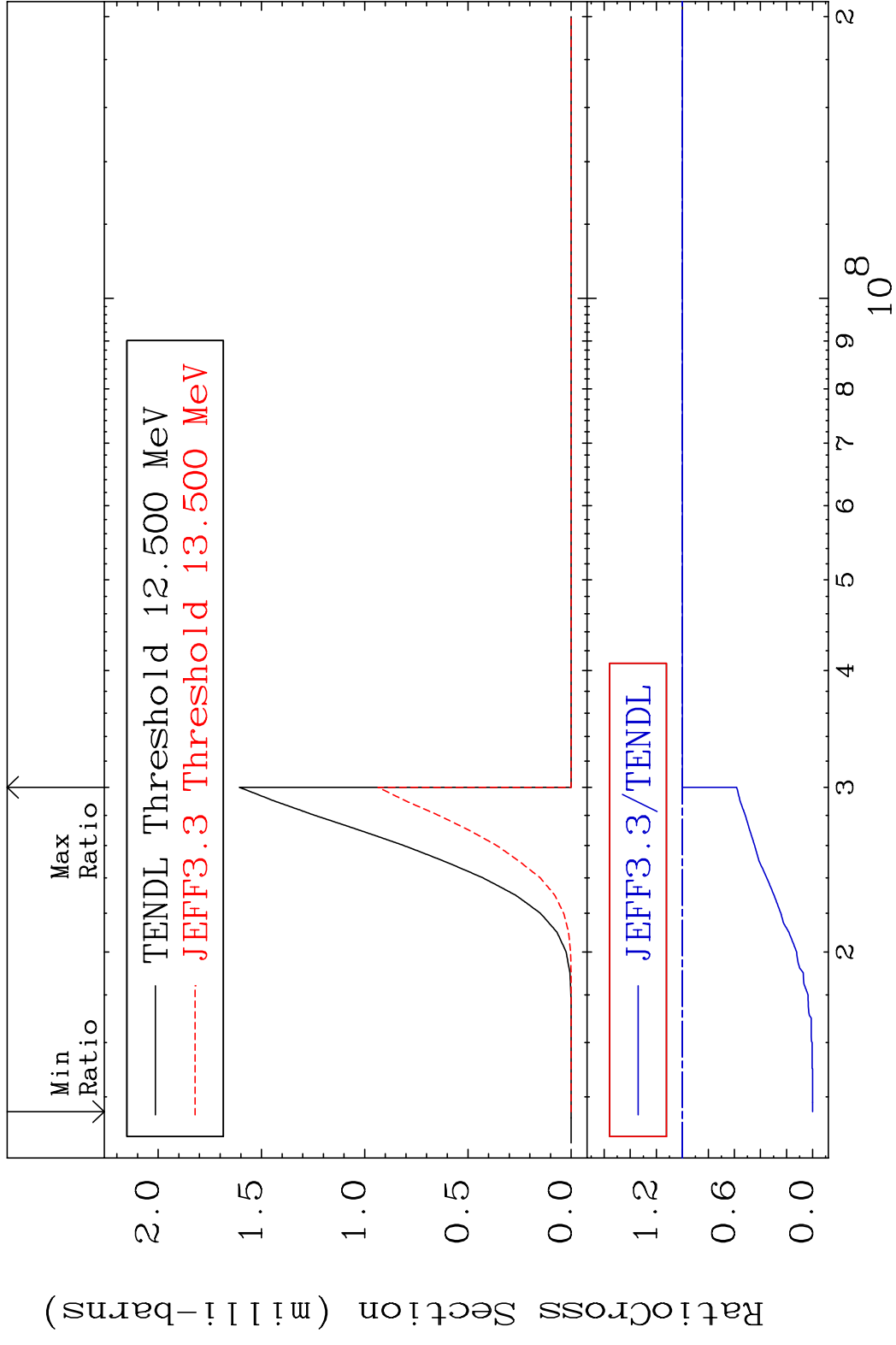


MAT 7326 (n, n') d:72-Hf-178g 73-Ta-180m  
 Radionuclide Production Cross Section Ratio 284.9 %

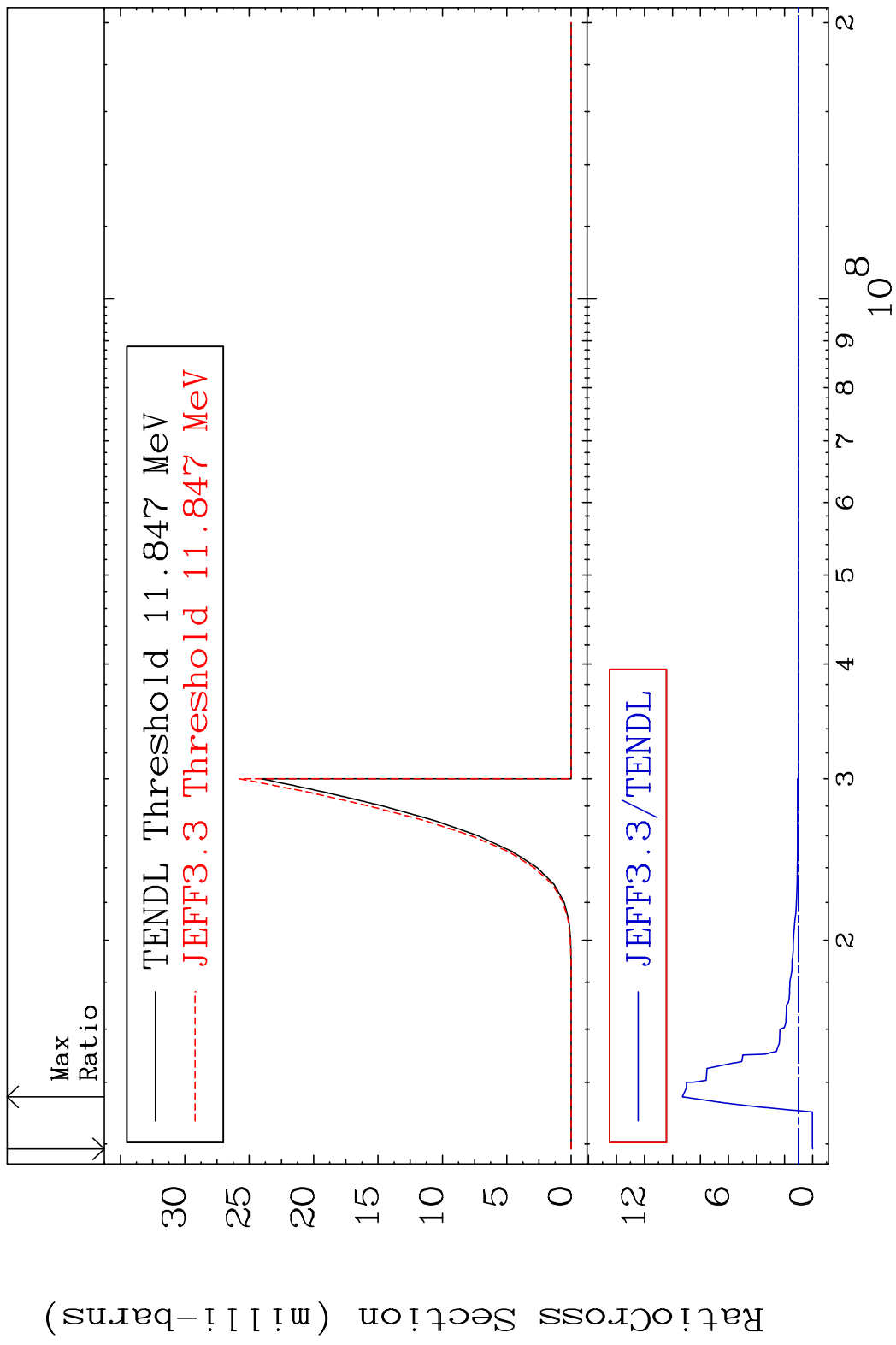


81 Incident Energy (eV) 73-Ta-180m

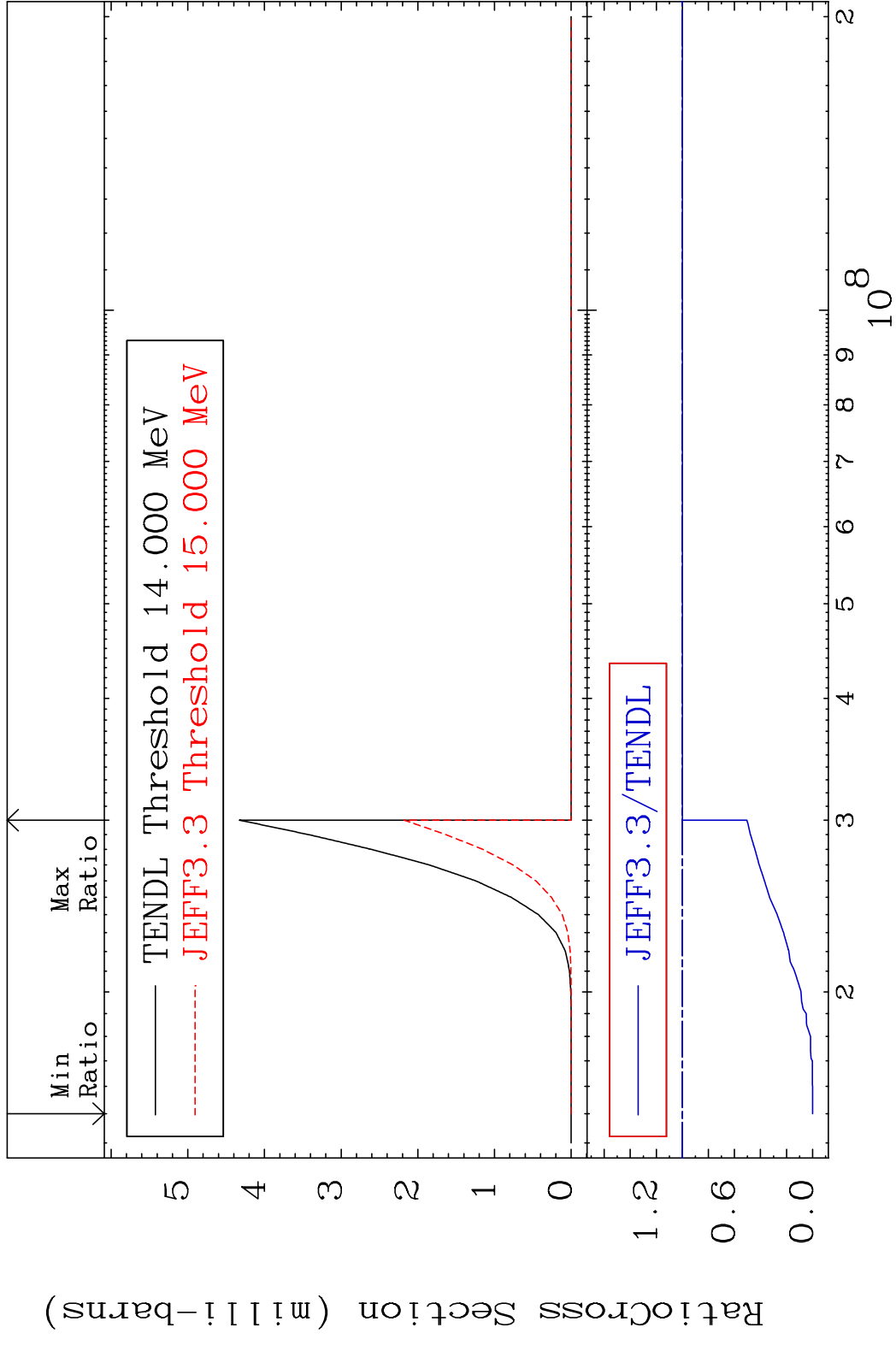
MAT 7326 (n, n') d:72-Hf-178m5 73-Ta-180m  
 Radionuclide Production Cross Section 180.0 mb 0.000 %



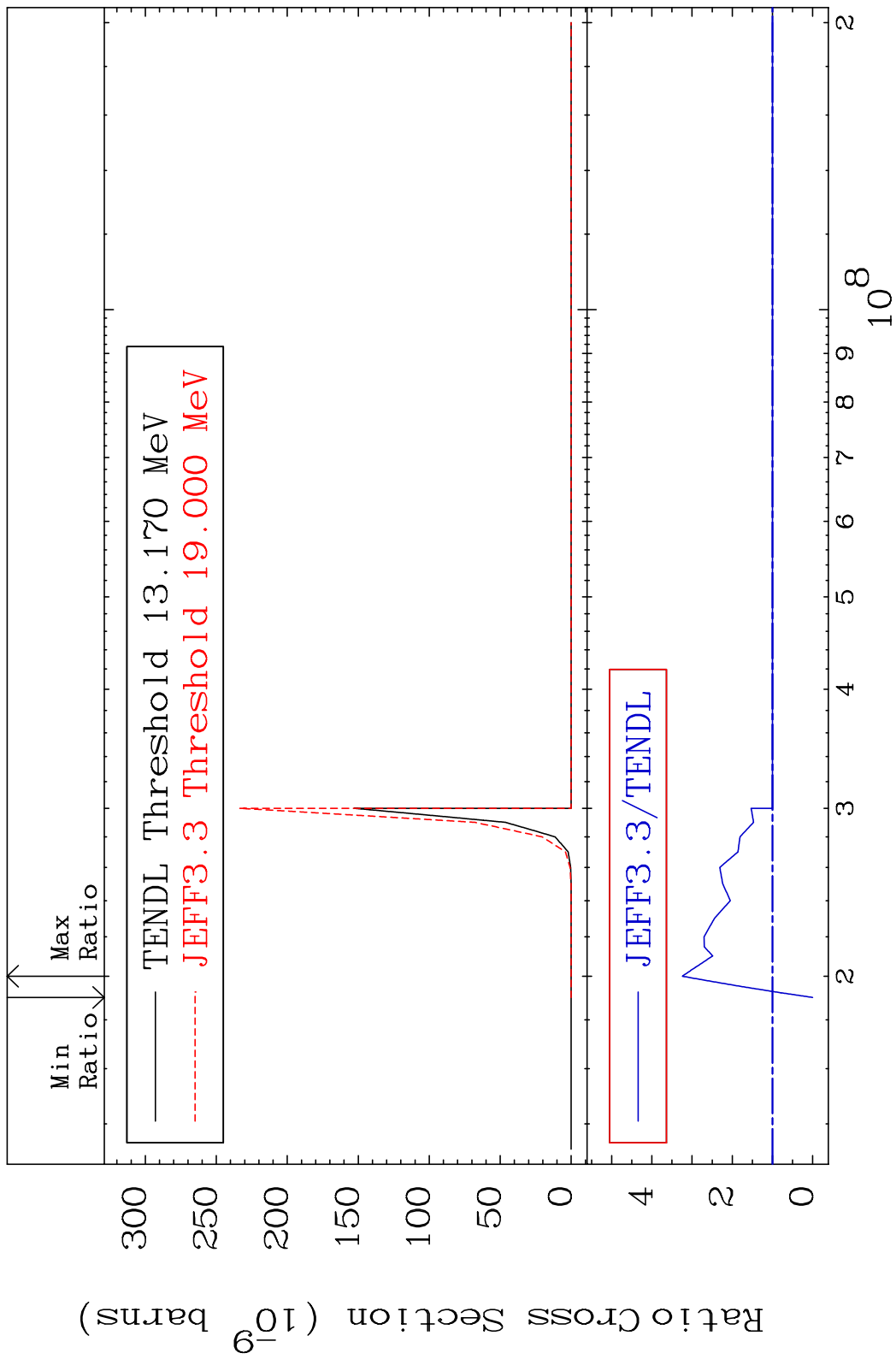
MAT 7326 (n,2n) p:72-Hf-178g 73-Ta-180m  
 Radionuclide Production Cross Section 1800.0 dth 829.7 %



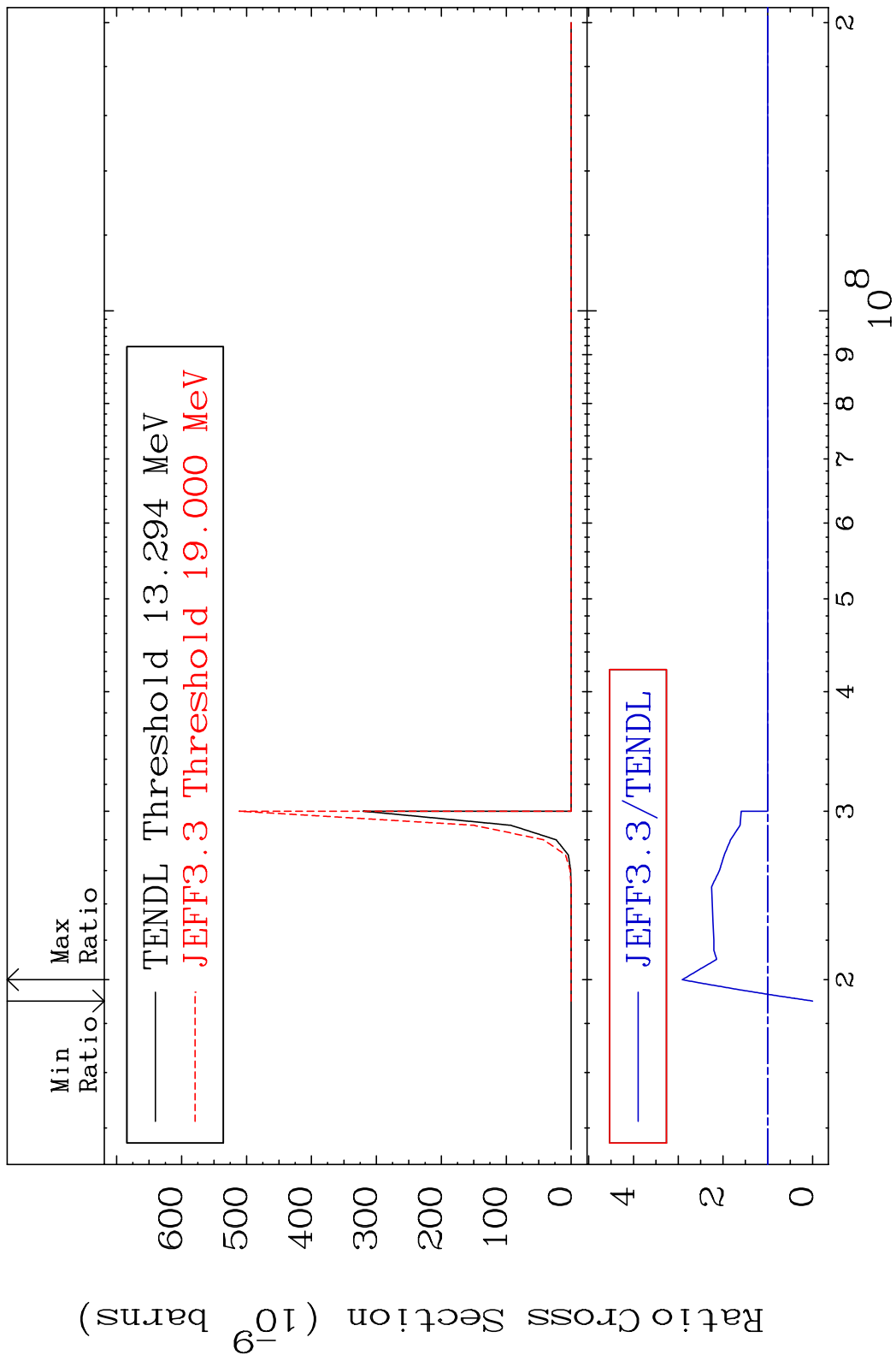
MAT 7326 (n,2n) p:72-Hf-178m5 73-Ta-180m  
 Radionuclide Production Cross Section 180.0 mb 0.000 %



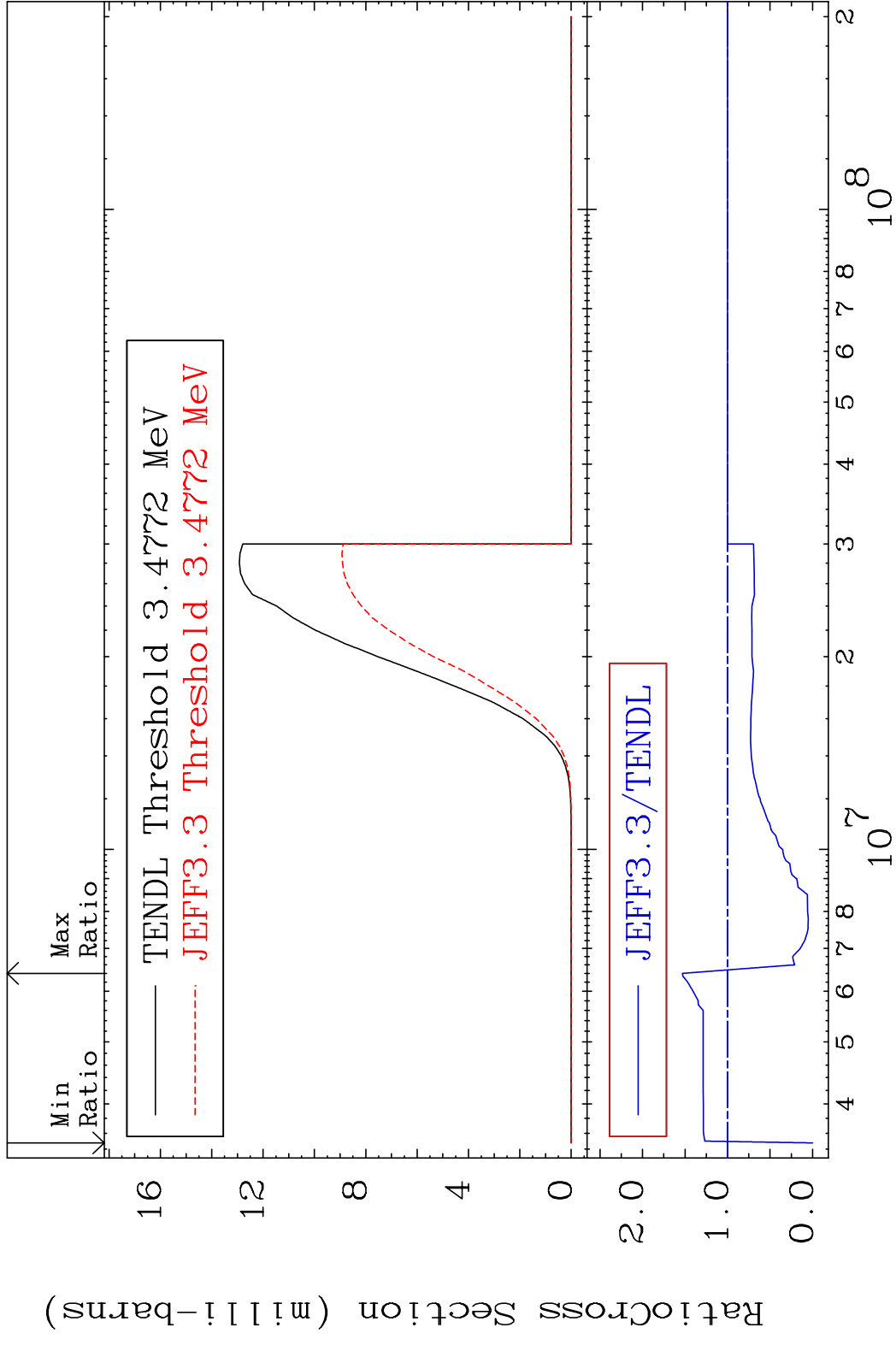
MAT 7326 (n,2n) p:71-Lu-178g 73-Ta-180m  
 Radionuclide Production Cross Section 180.01 dth 224.2 %



MAT 7326 (n,2n) p:71-Lu-178m3 73-Ta-180m  
 Radionuclide Production Cross Section 190.8 %

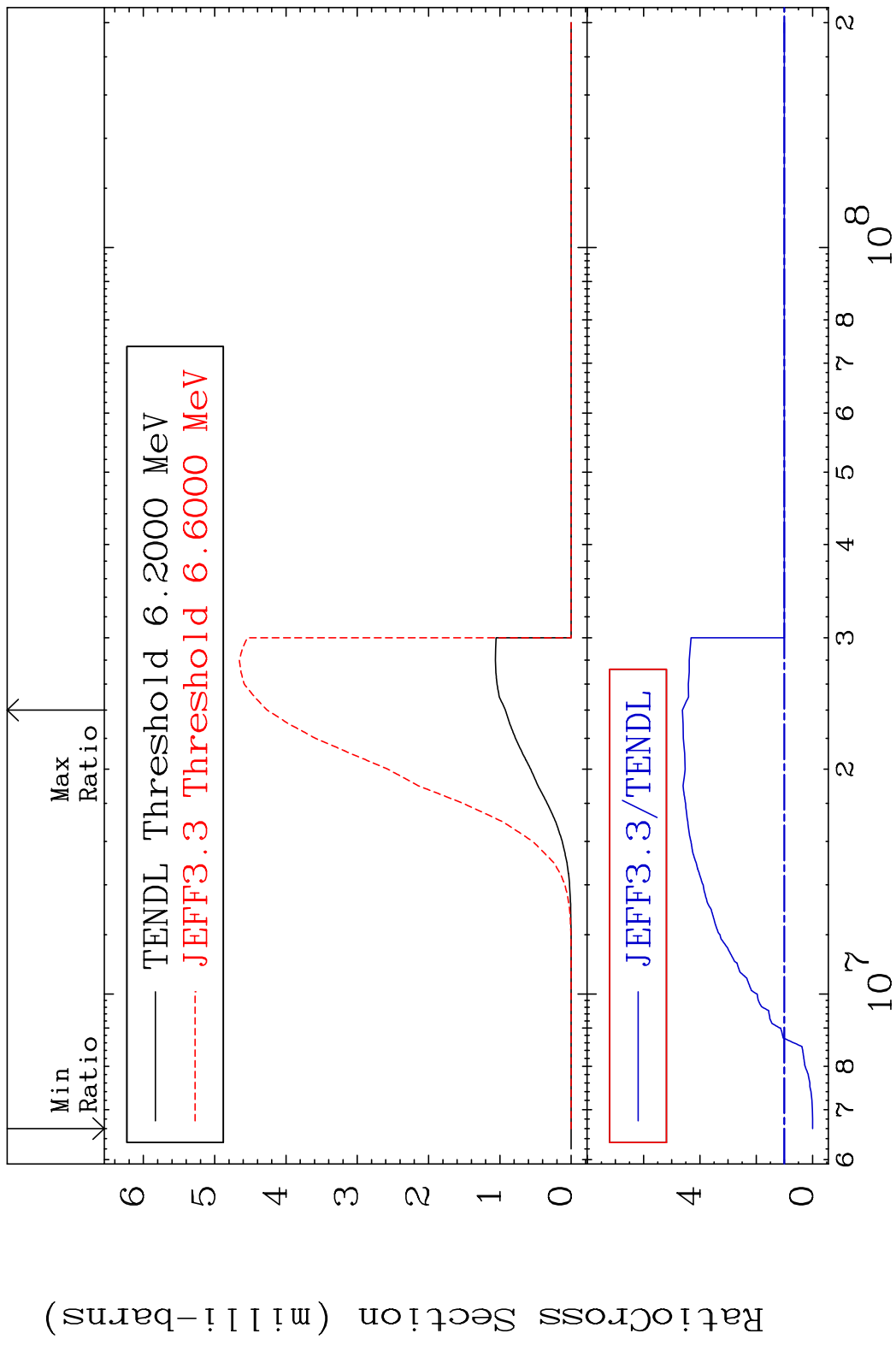


MAT 7326 (n, d):72-Hf-179g 73-Ta-180m  
 Radionuclide Production Cross Section 53.15 %

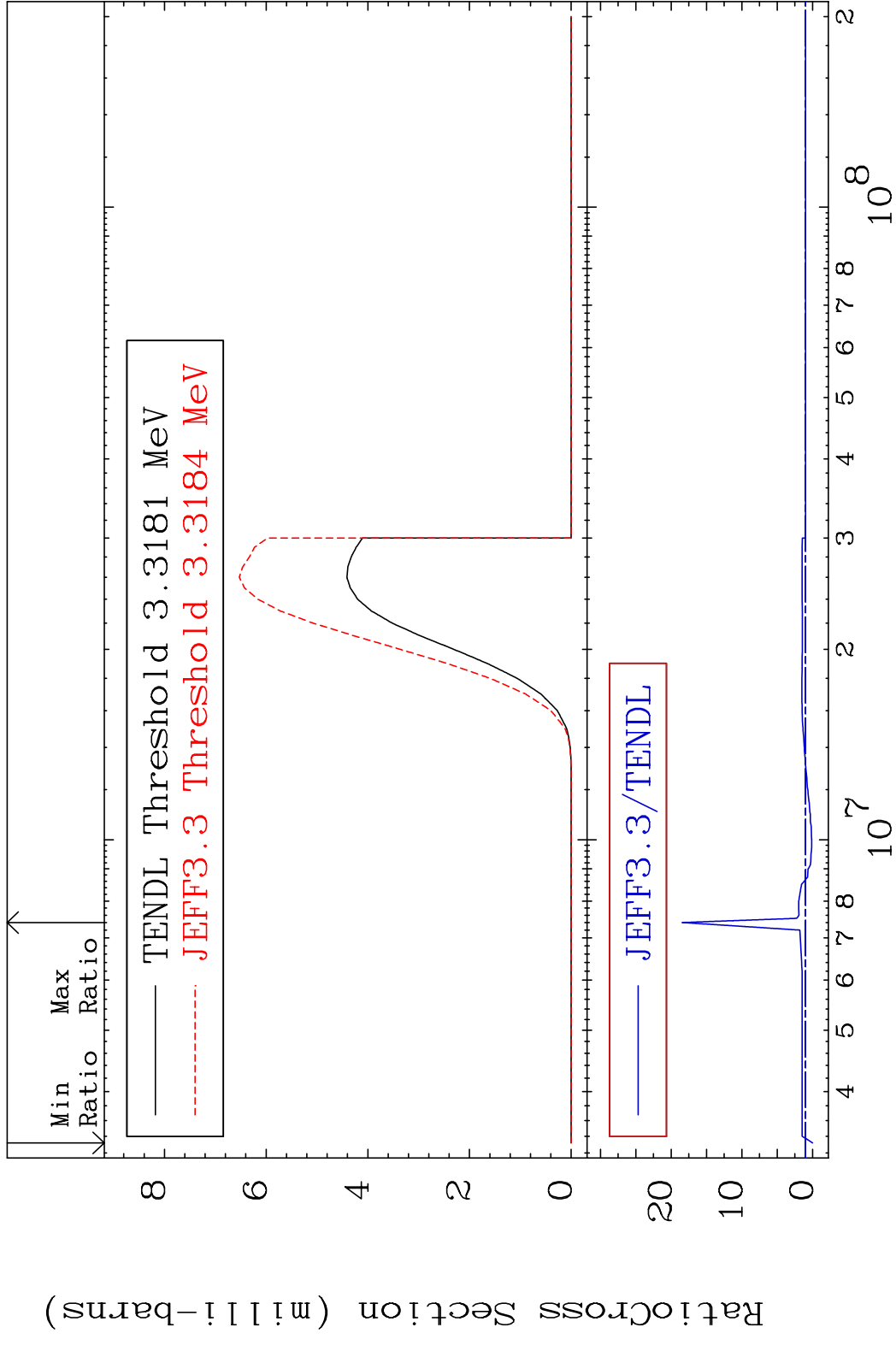




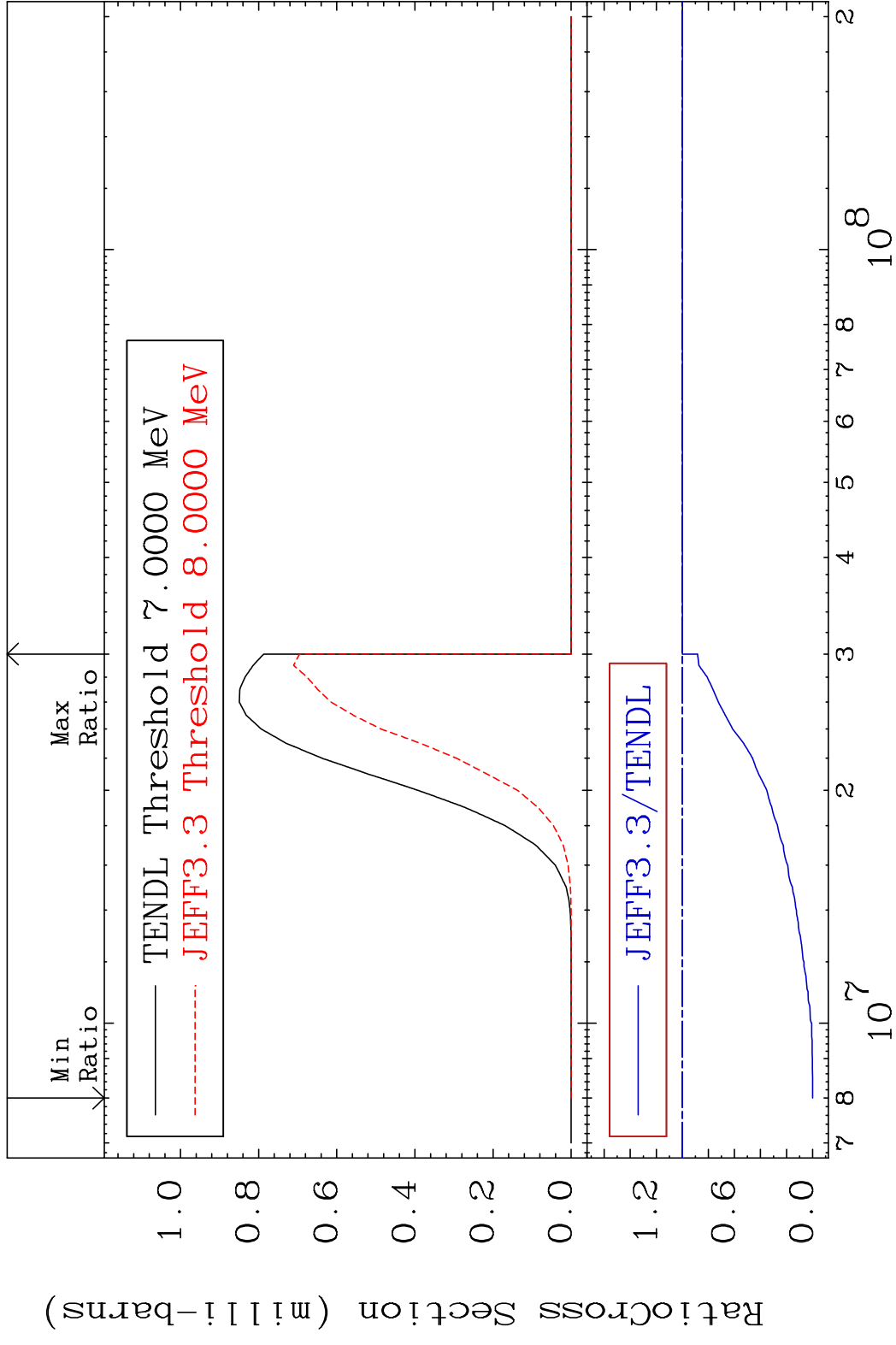
MAT 7326 (n, d): 72-Hf-179m5 73-Ta-180m  
 Radionuclide Production Cross Section 180.01 d to 362.3 %



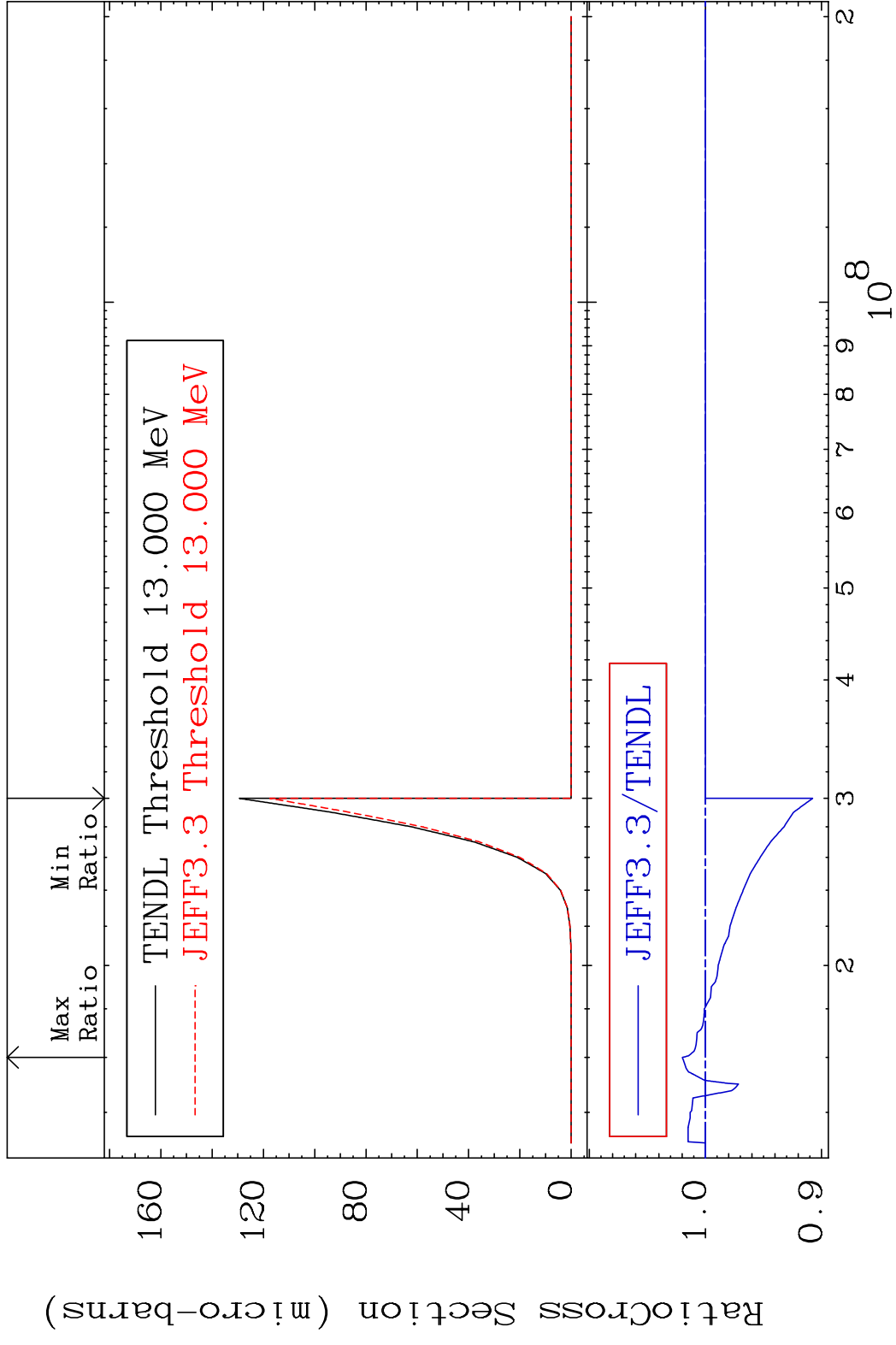
MAT 7326 (n, t):72-Hf-178g 73-Ta-180m  
 Radionuclide Production Cross Section 1800 d to 1742. %



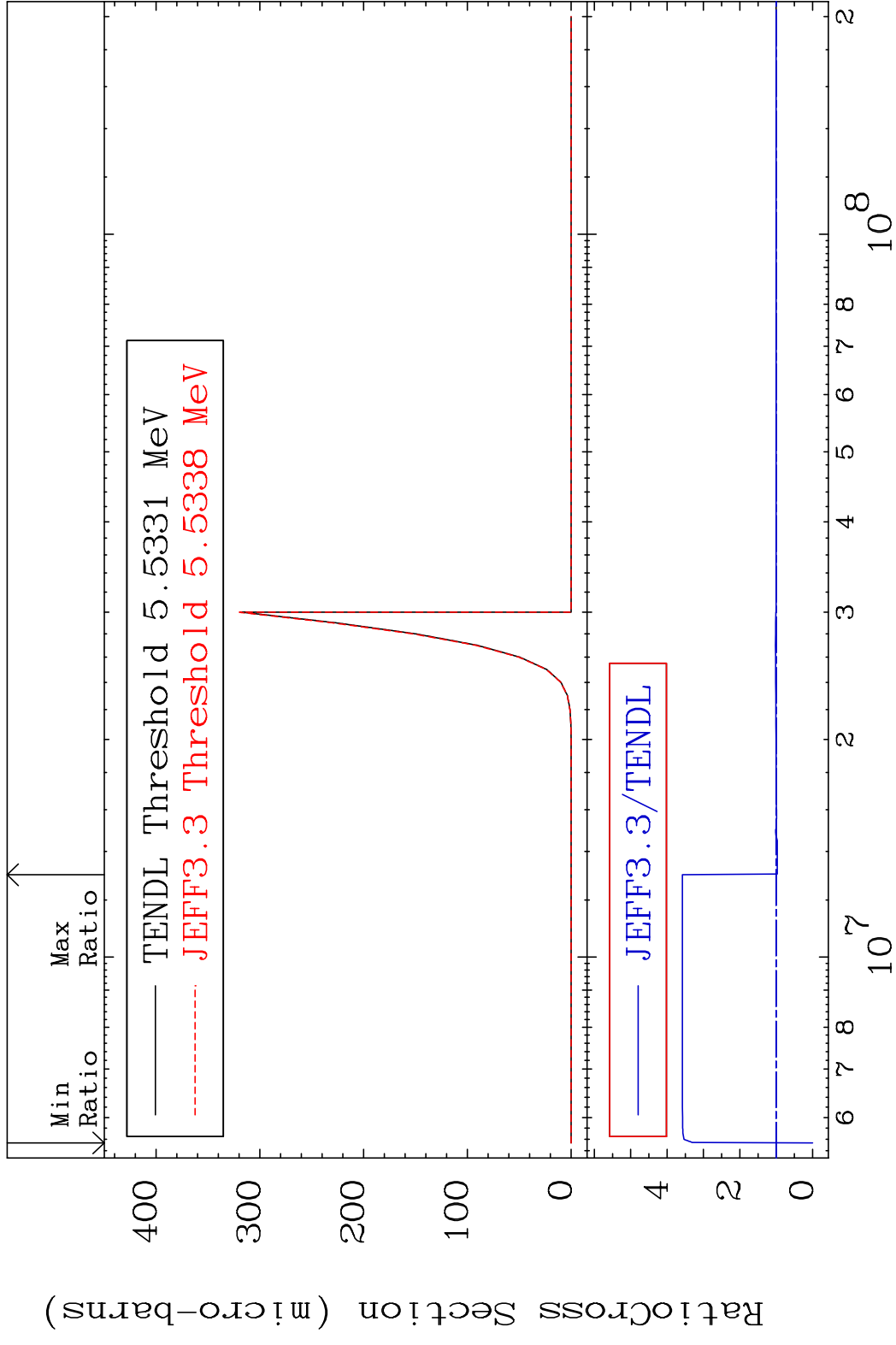
MAT 7326 (n, t): 72-Hf-178m5 73-Ta-180m  
 Radionuclide Production Cross Section 180.0 mb 0.000 %



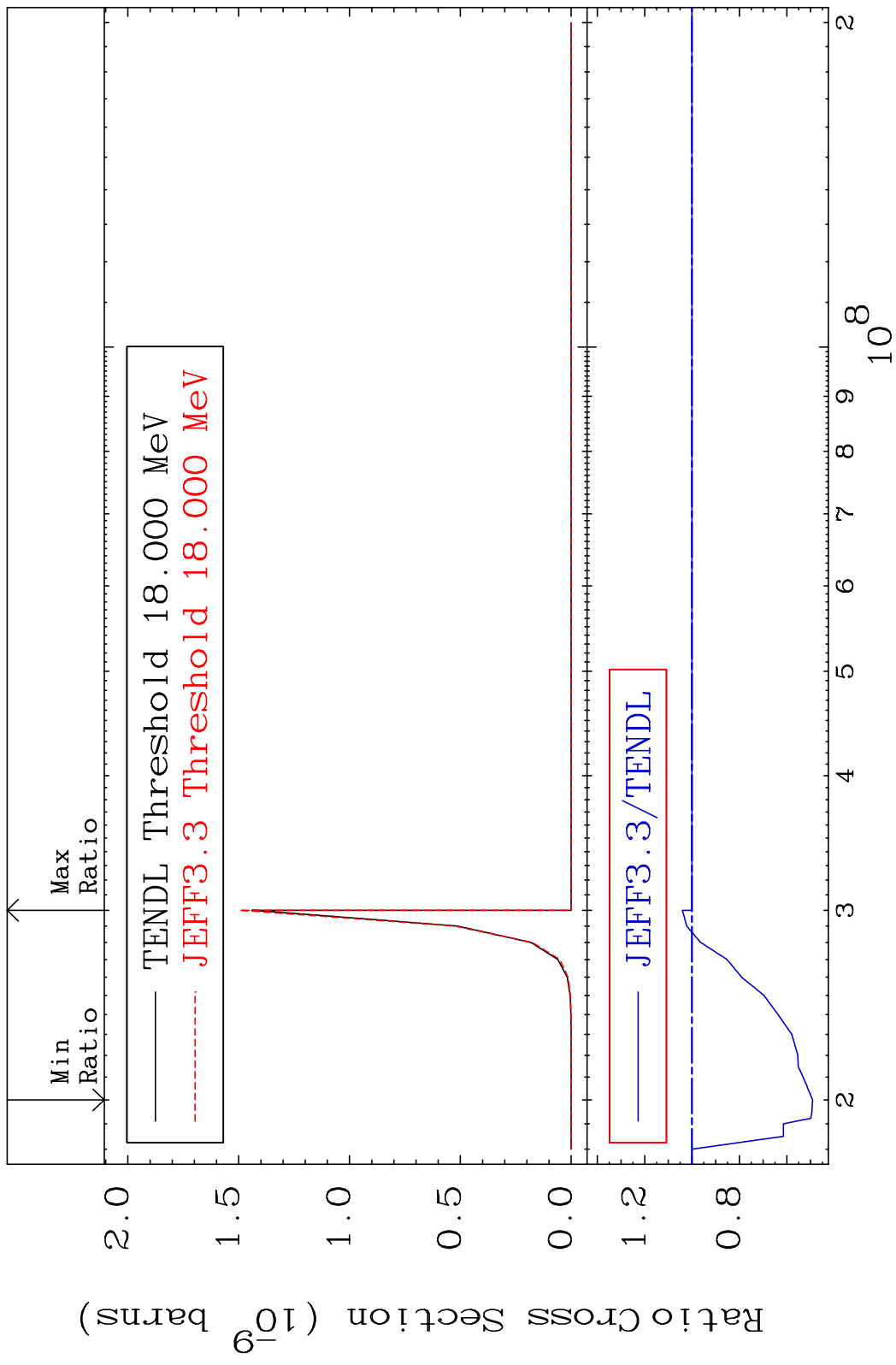
MAT 7326 (n, He-3): 71-Lu-178g 73-Ta-180m  
 Radionuclide Production Cross Section 95.228 d to 1.986 %



MAT 7326 (n, He-3) : 71-Lu-178m3 73-Ta-180m  
 Radionuclide Production Cross Section Ratio 258.0 %



MAT 7326 (n,p) d:71-Lu-178g 73-Ta-180m  
 Radionuclide Production Cross Section 4.088 %



MAT 7326 (n, p) d:71-Lu-178m3 73-Ta-180m  
 Radionuclide Production Cross Section 180.01 d:10 15.79 %

