

Program Complot
(Version 2021-1)

by

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U.S.A.

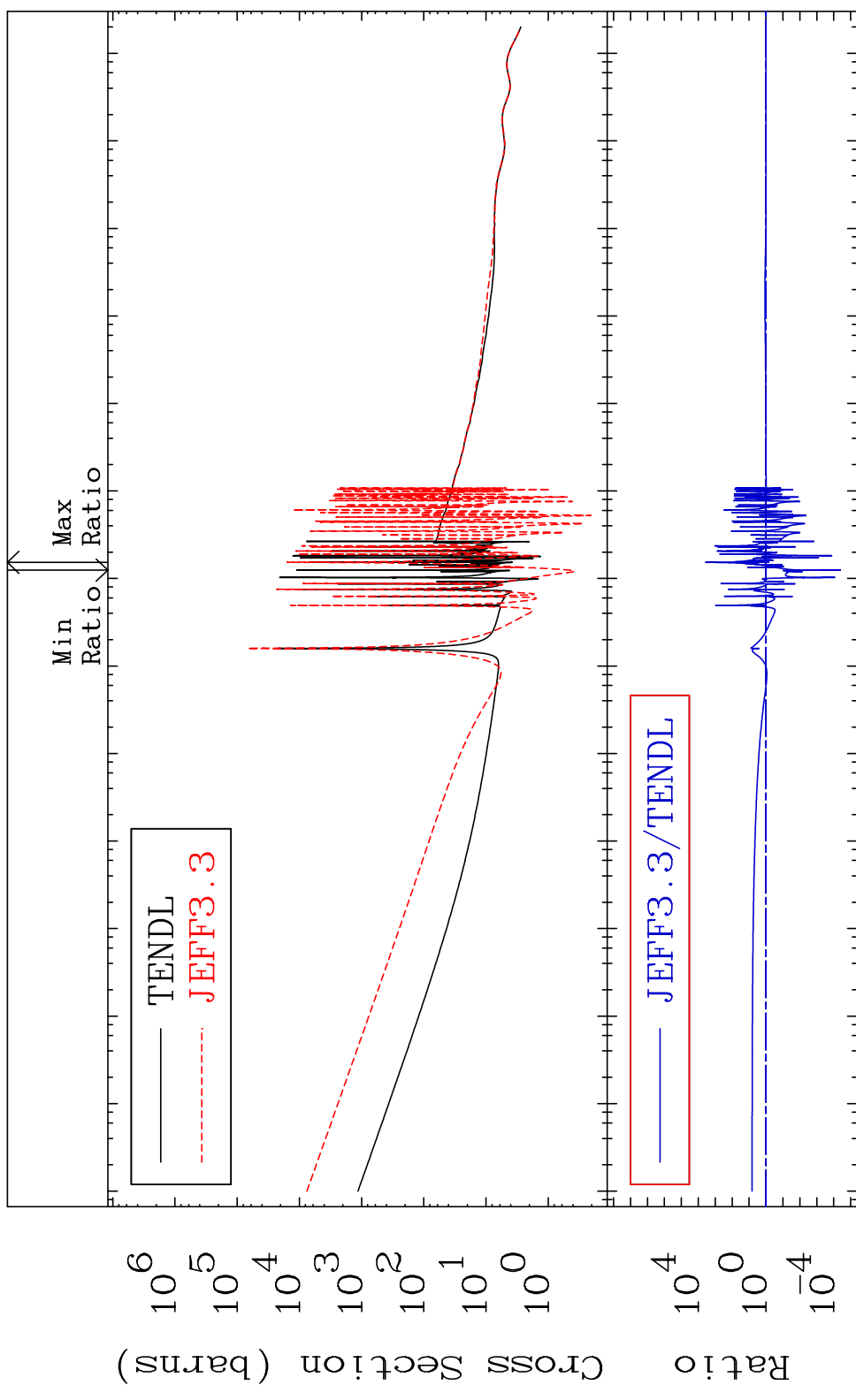
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 7425

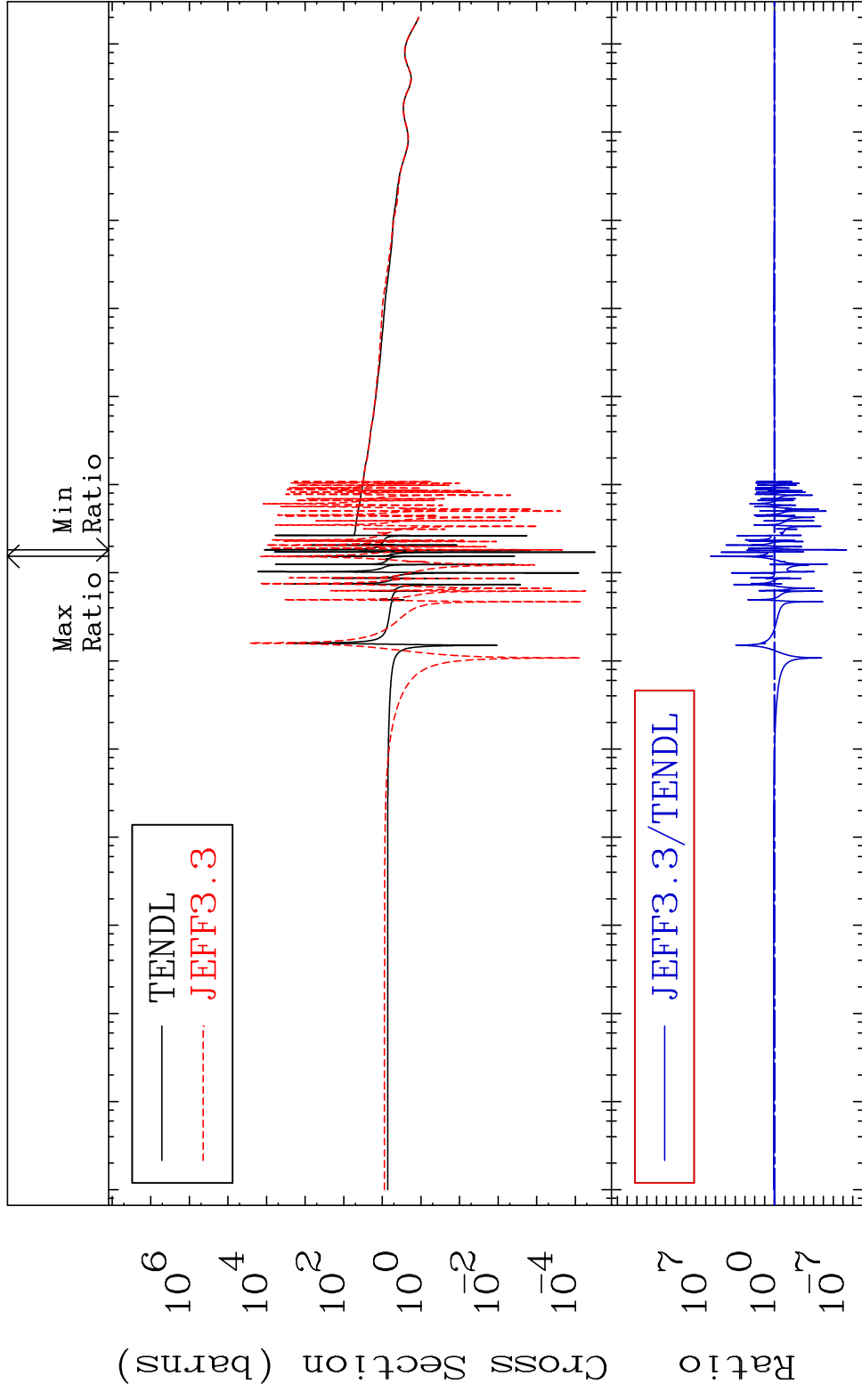
Total Cross Section -100.0 To 9999. %
74-W -180



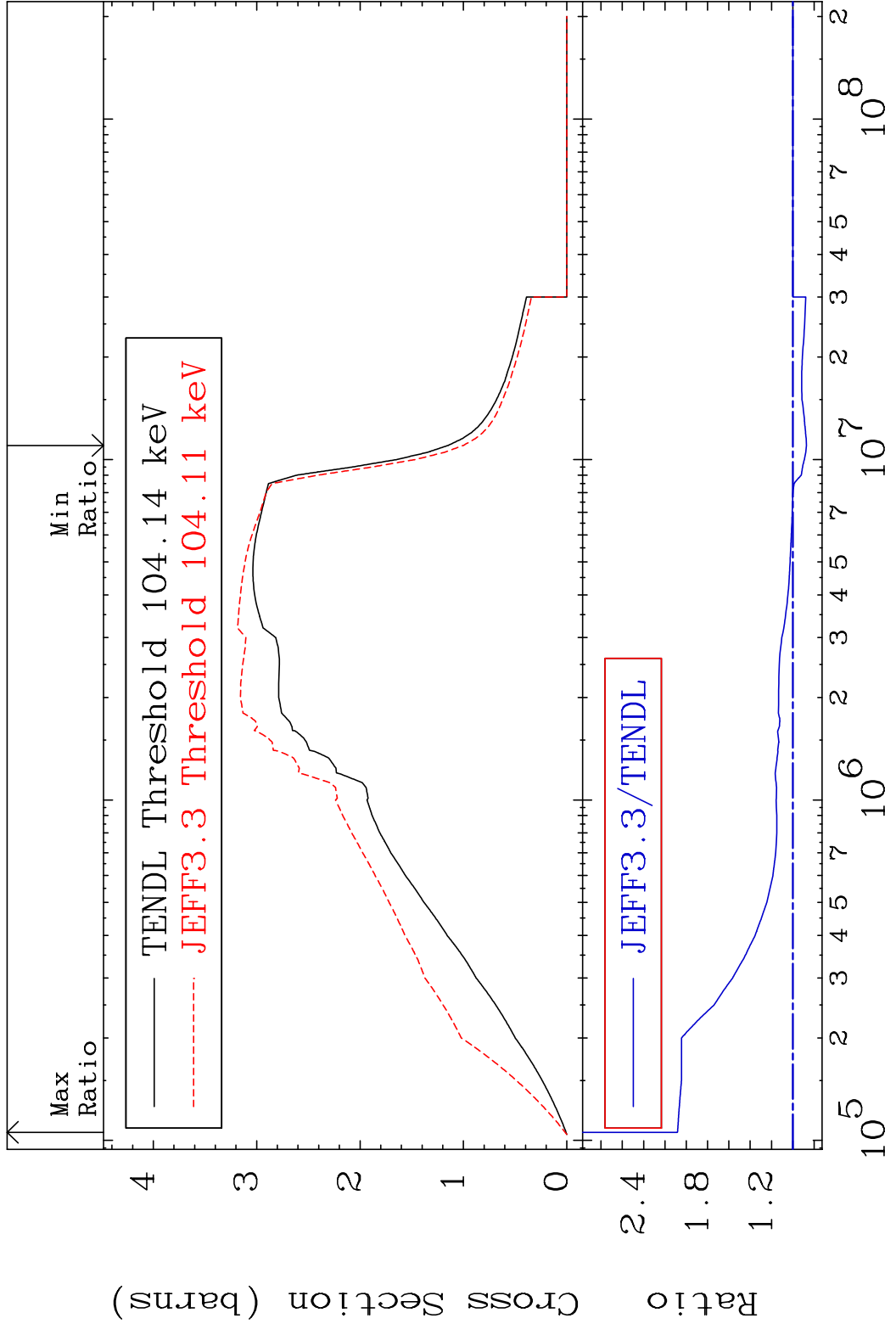
1 Incident Energy (eV) 74-W -180

MAT 7425

Elastic Cross Section -100.0 To 9999. %
74-W -180



MAT 7425 Inelastic Cross Section 74-W -180
 Cross Section -12.76 To 108.5 %



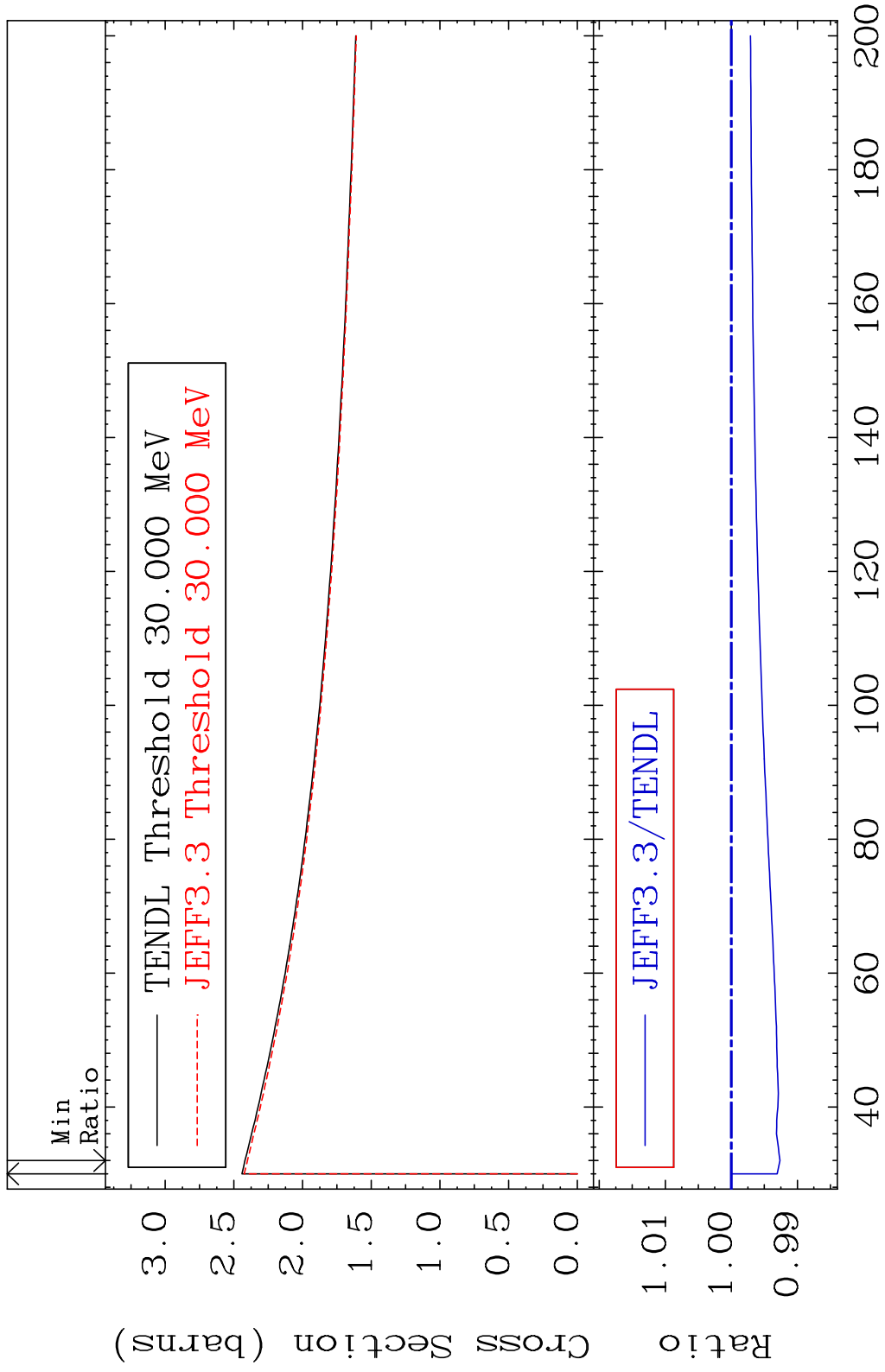
3 Incident Energy (eV) 74-W -180

MAT 7425

(n, remainder)

74-W -180

Cross Section -0.735 To 0.000 %

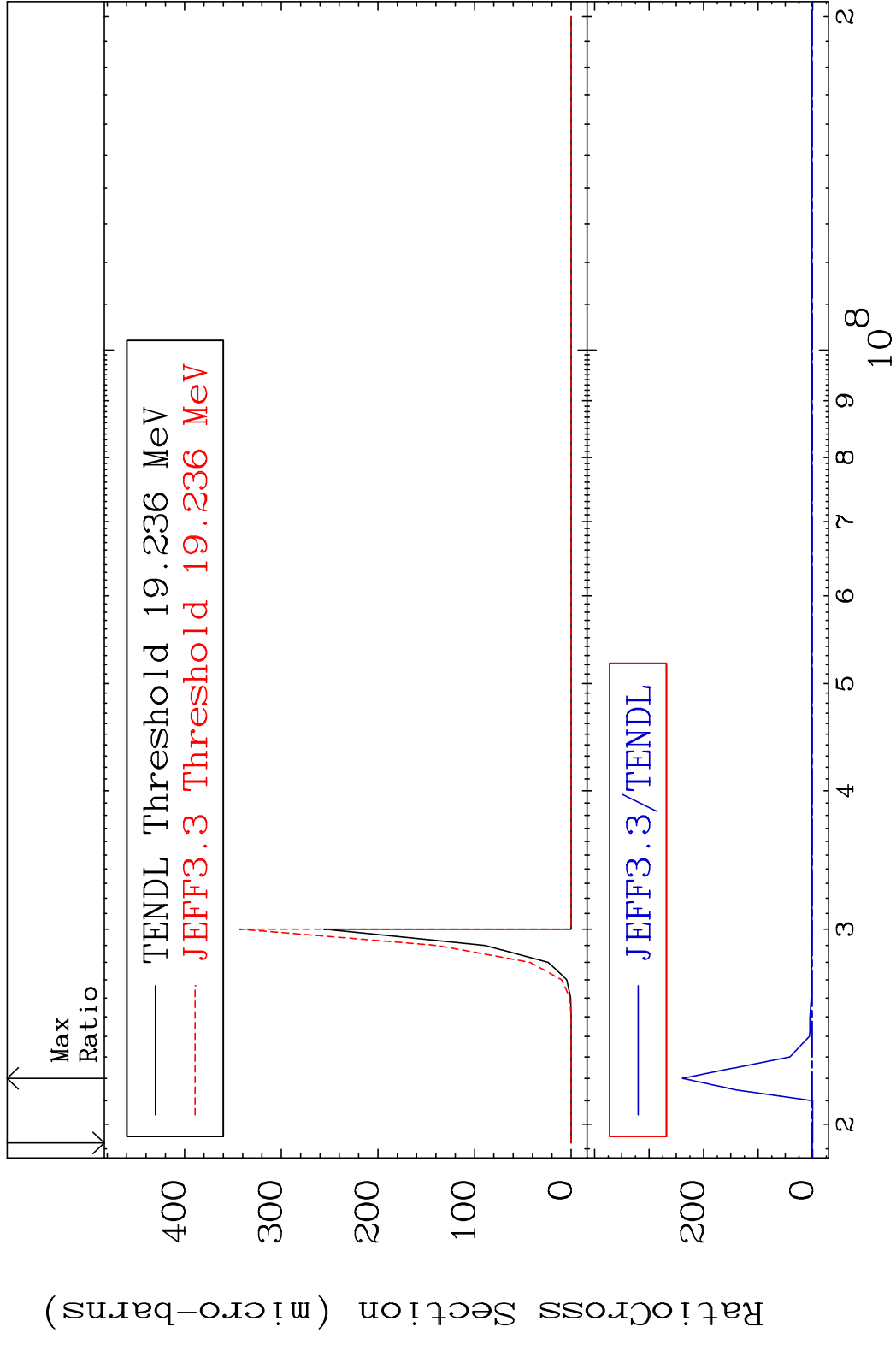


4

Incident Energy (MeV)

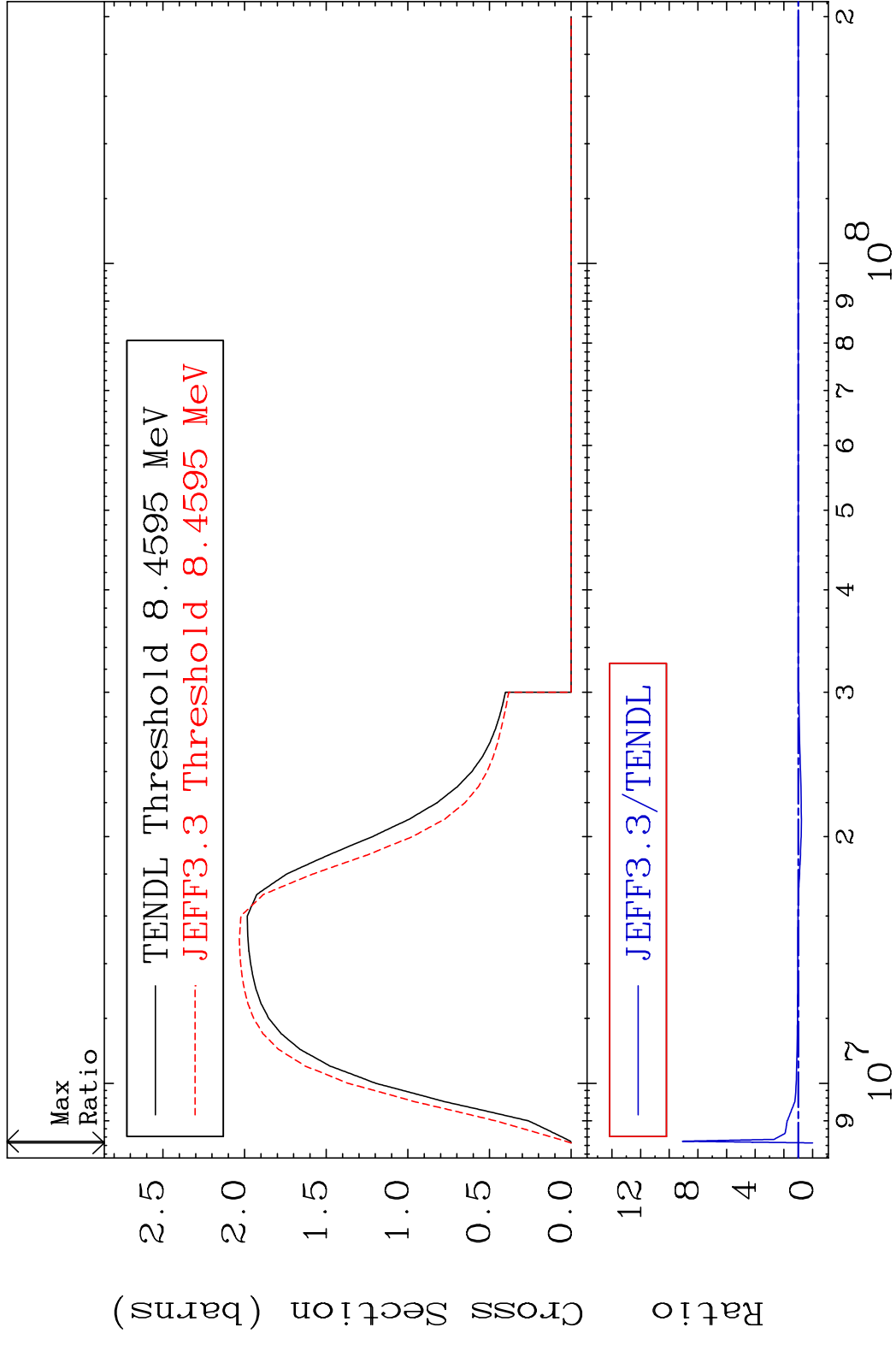
74-W -180

MAT 7425 (n,2n) d 74-W -180
 Cross Section -100.0 To 9999. %



5 Incident Energy (eV) 74-W -180

MAT 7425 (n,2n) 74-W -180
 Cross Section -100.0 To 808.6 %



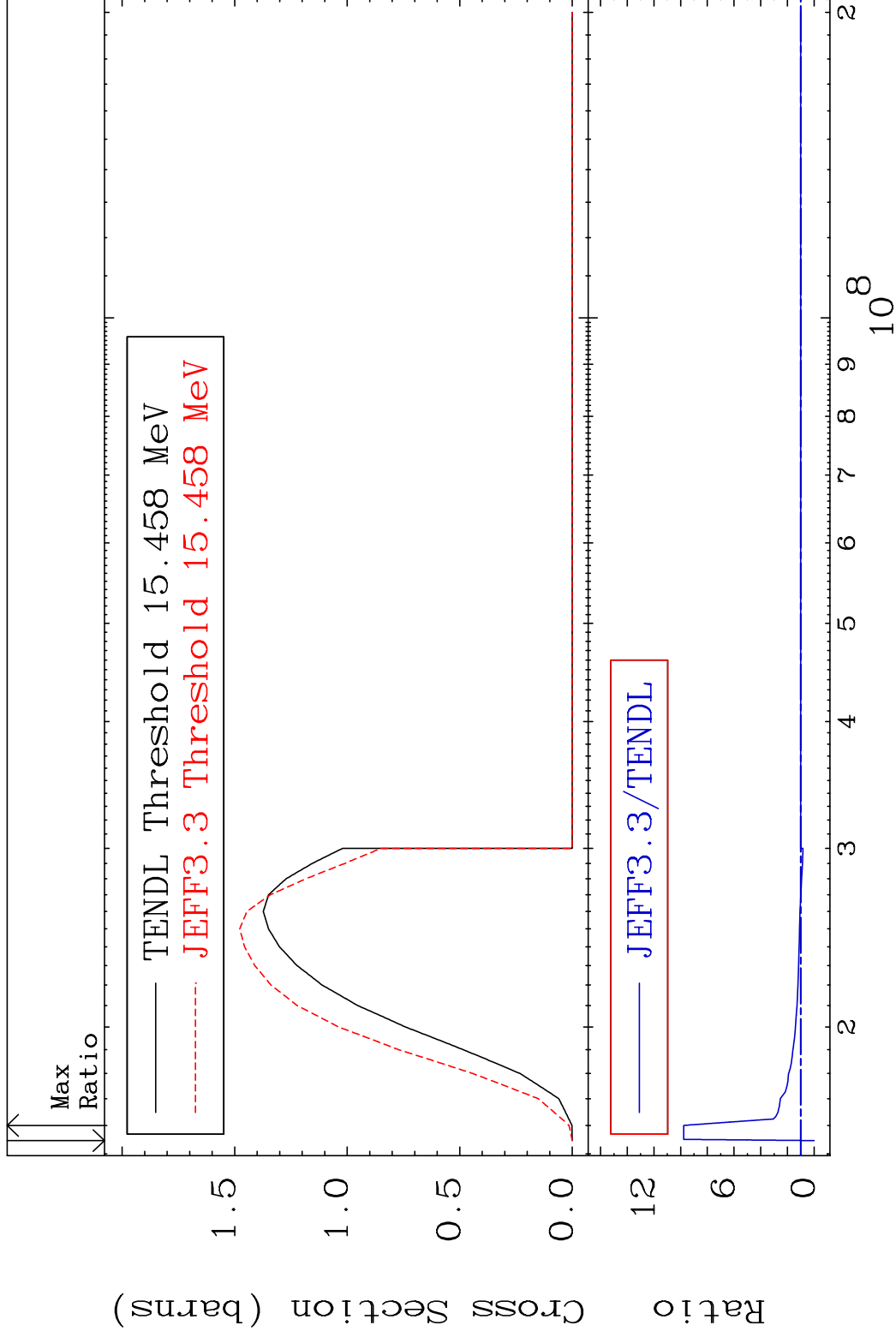
6 Incident Energy (eV) 74-W -180

MAT 7425

(n,3n)

74-W -180

Cross Section -100.0 To 877.4 %



7

Incident Energy (eV)

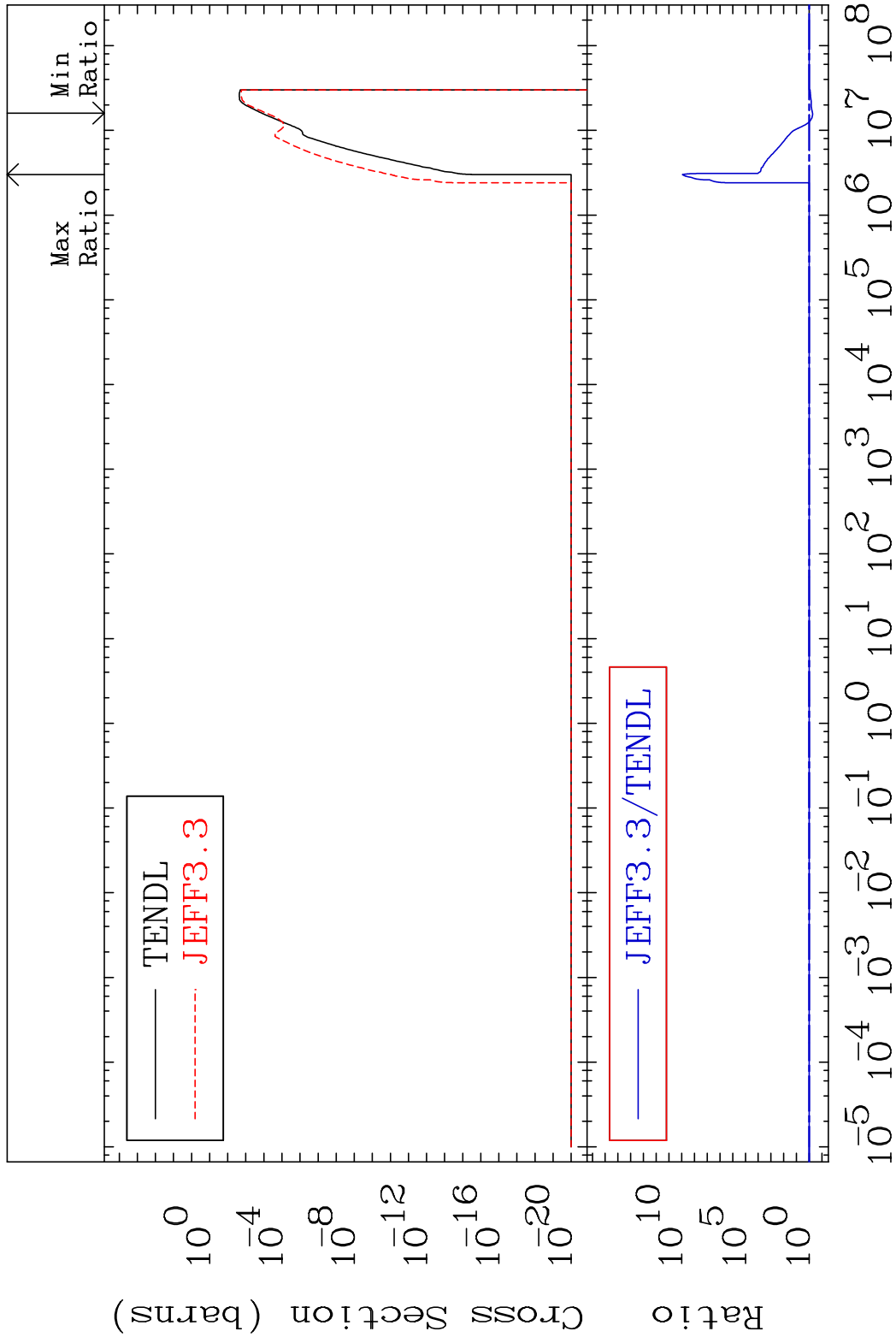
74-W -180

MAT 7425

(n, n') α

74-W -180

Cross Section -45.35 To 9999. %

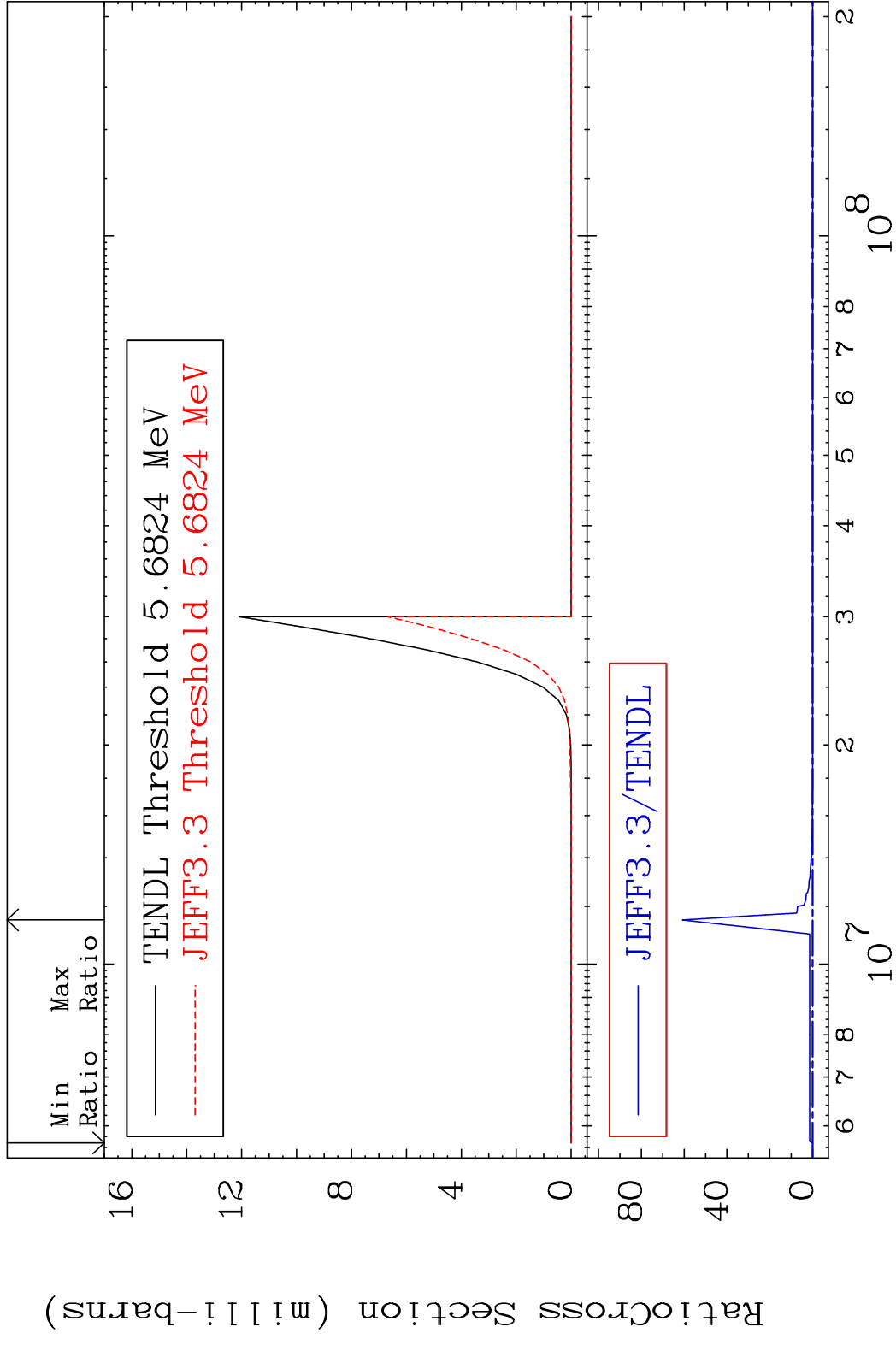


8

Incident Energy (eV)

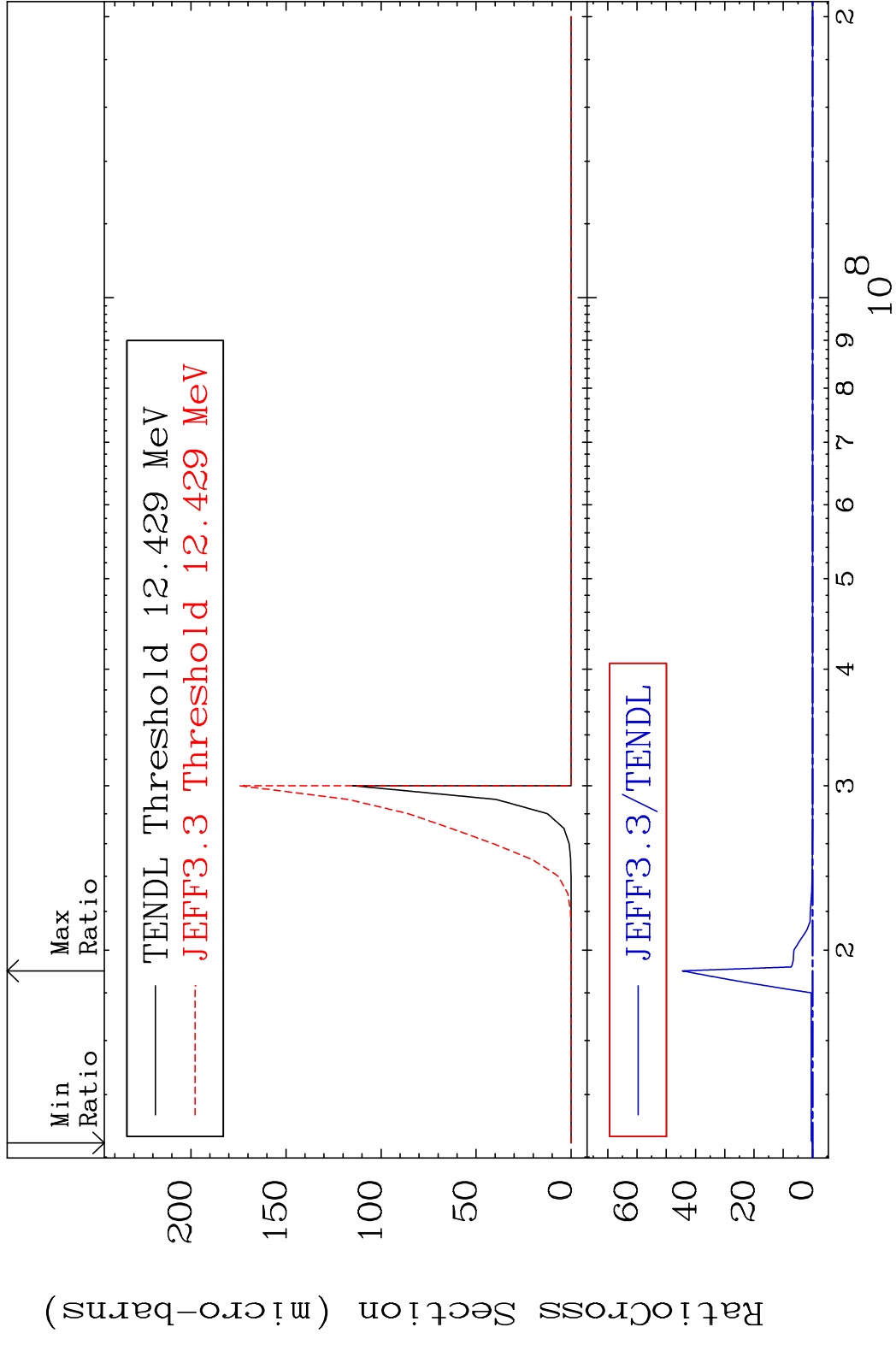
74-W -180

MAT 7425 (n,2n) α 74-W -180
 Cross Section -100.0 To 9999. %



9 9 Incident Energy (eV) 74-W -180

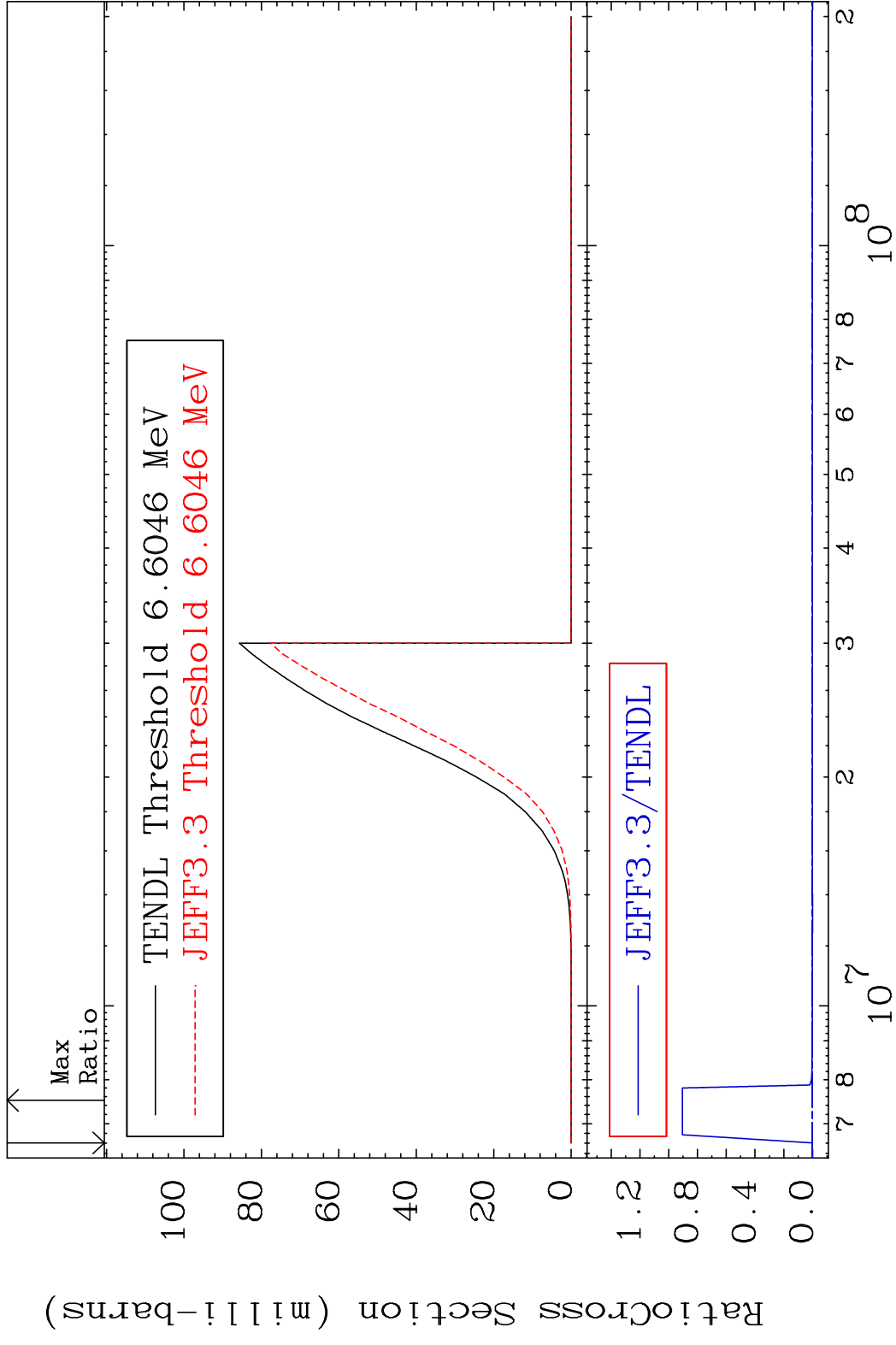
MAT 7425 (n,3n) α 74-W -180
 Cross Section -100.0 To 9999. %



10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 2000000000

74-W -180

MAT 7425 (n, n') p 74-W -180
 Cross Section -100.0 To 9999. %

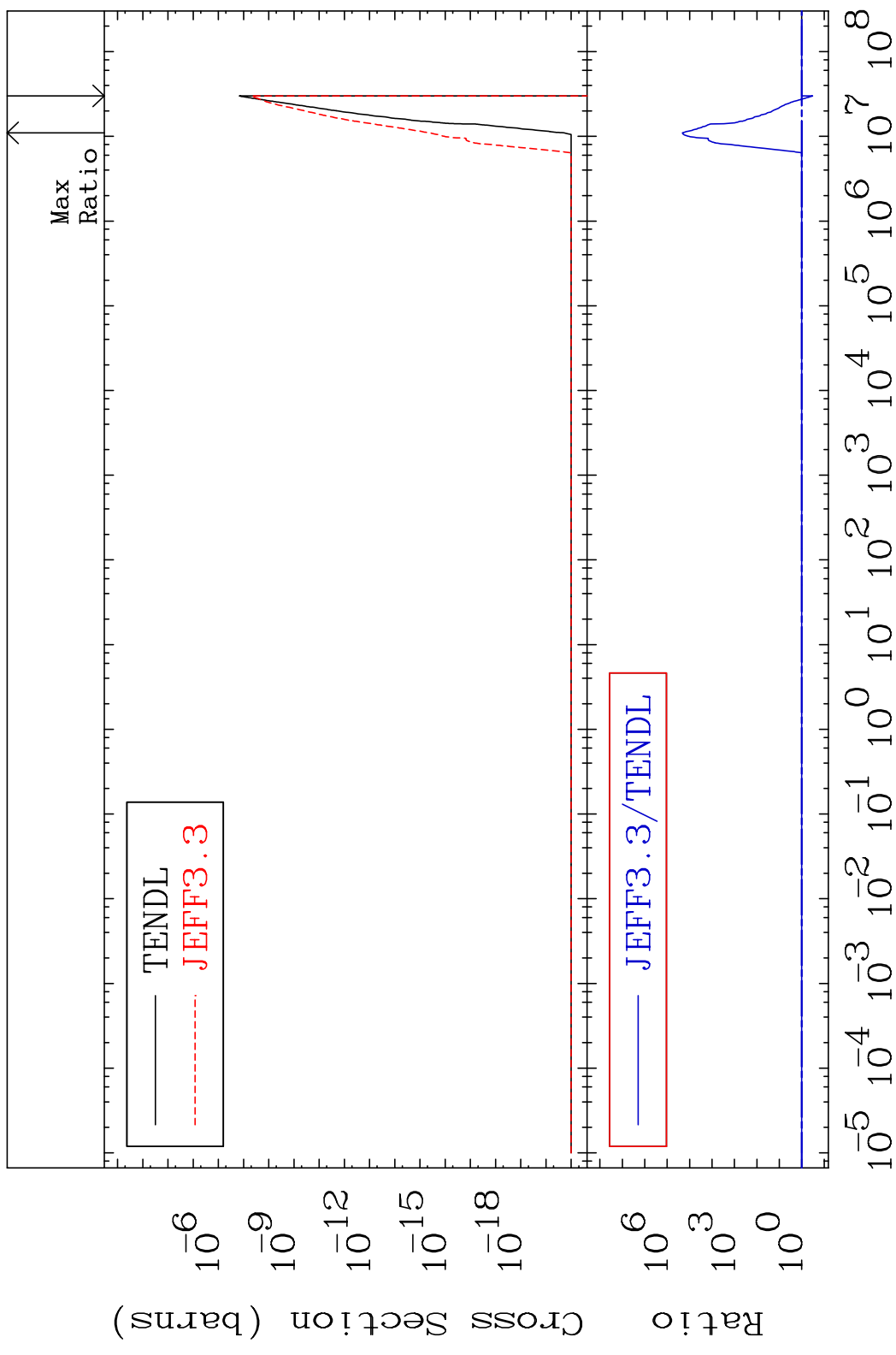


MAT 7425

(n, n') 2α

74-W -180

Cross Section -67.09 To 9999. %



12

Incident Energy (eV)

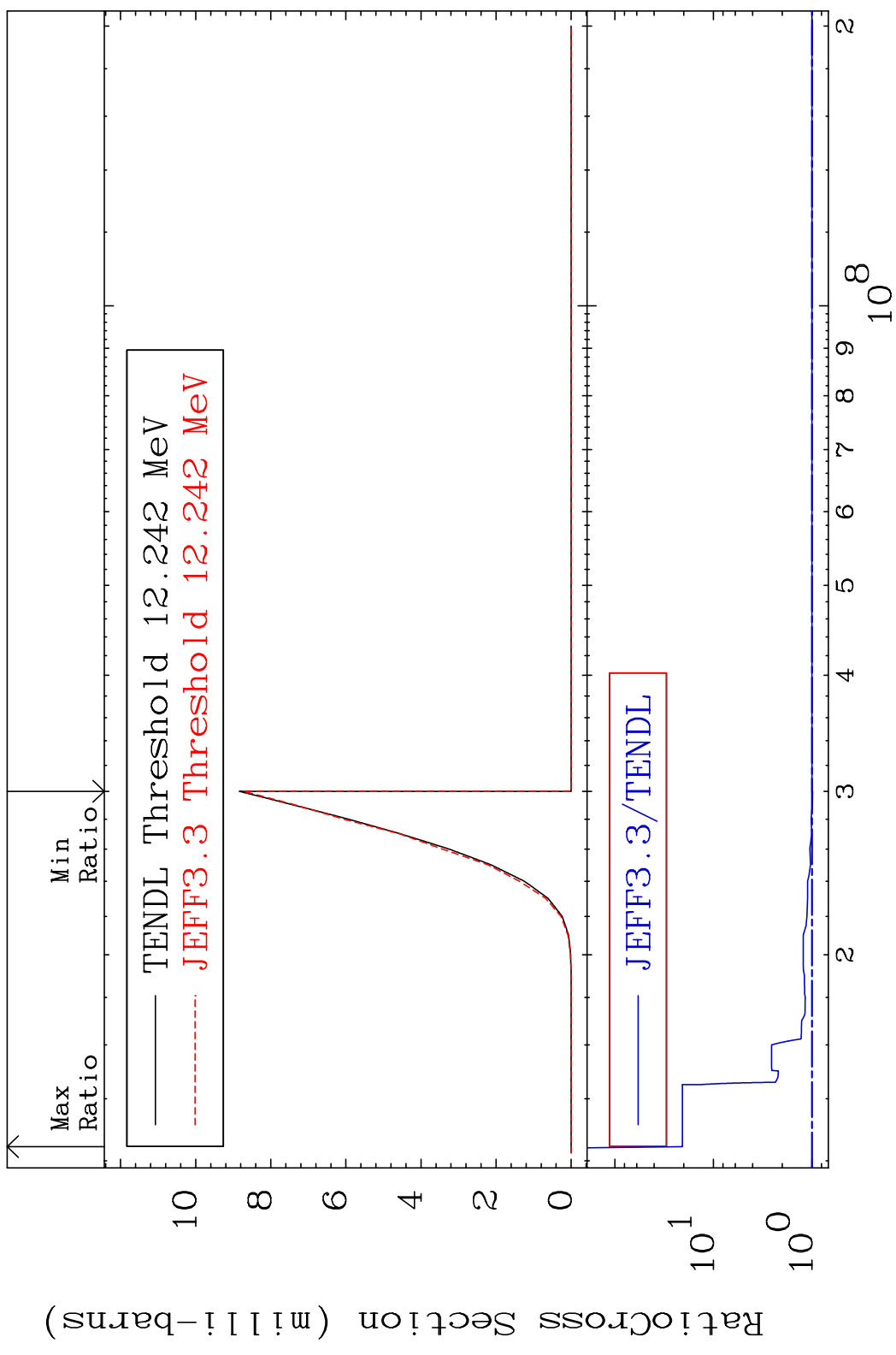
74-W -180

MAT 7425

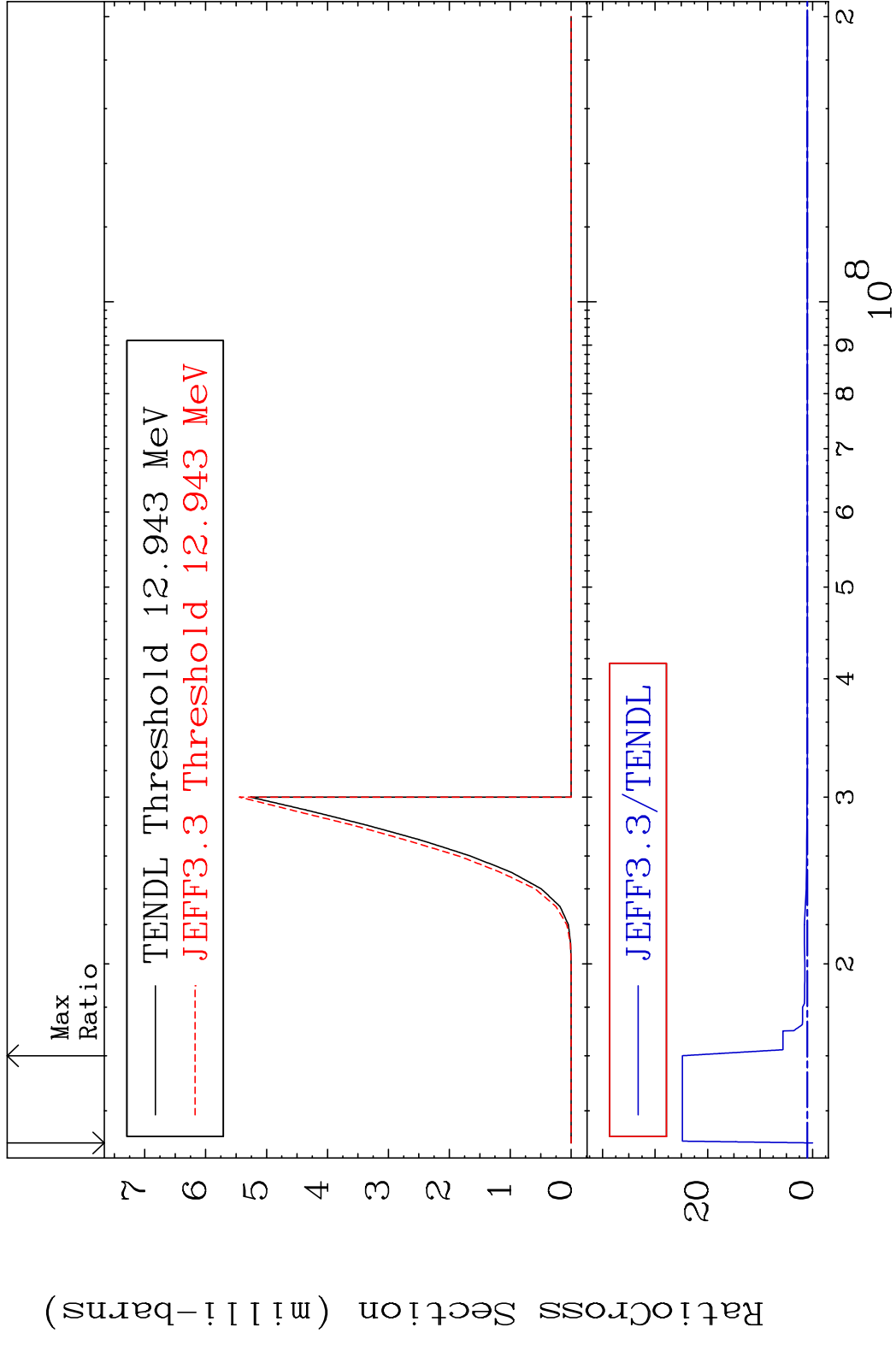
(n, n') d

74-W -180

Cross Section -1.252 To 1966. %



MAT 7425 (n, n') t 74-W -180
 Cross Section -100.0 To 2381. %



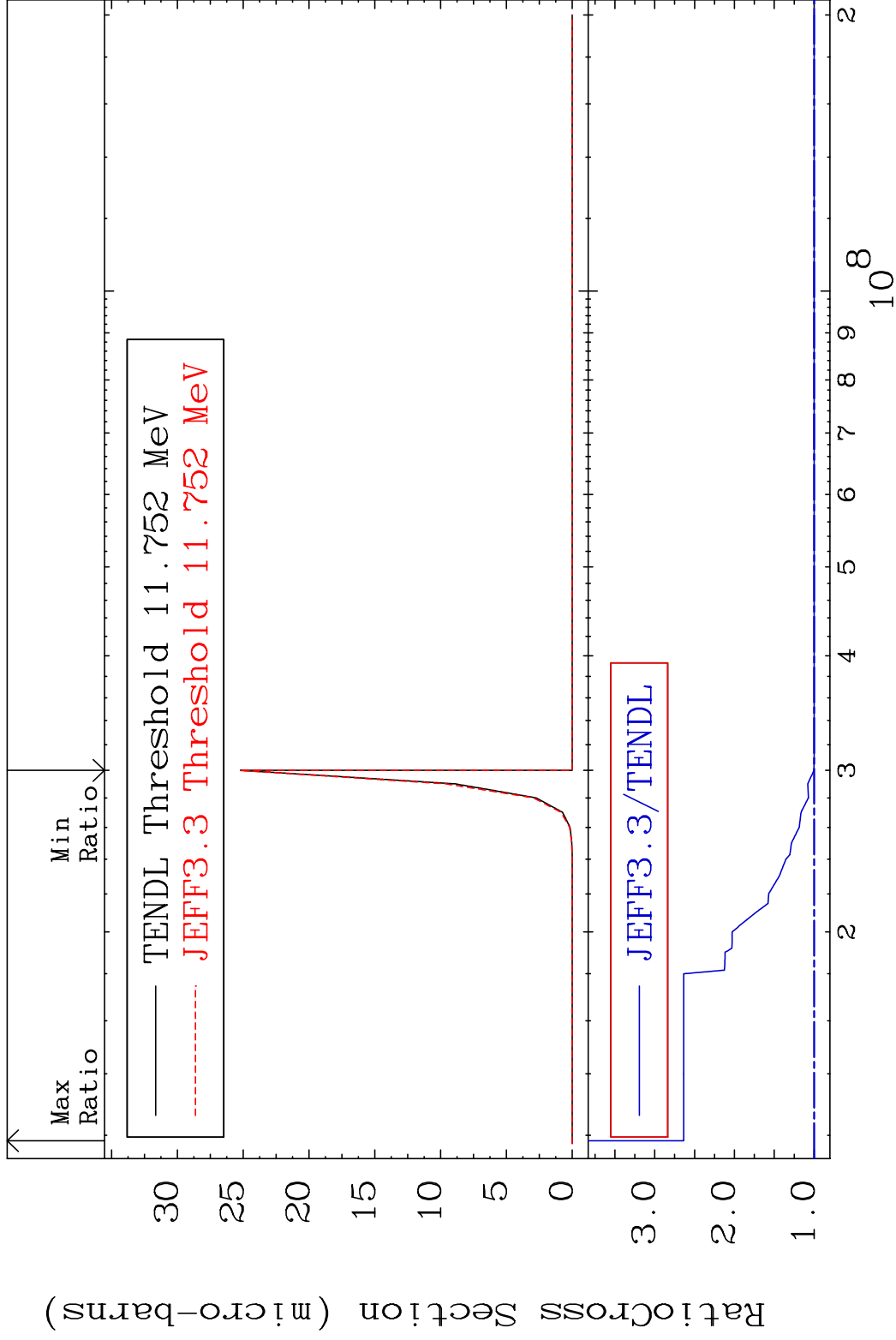
MAT 7425

(n,n') He-3

74-W -180

Cross Section 0.000

To 163.7 %

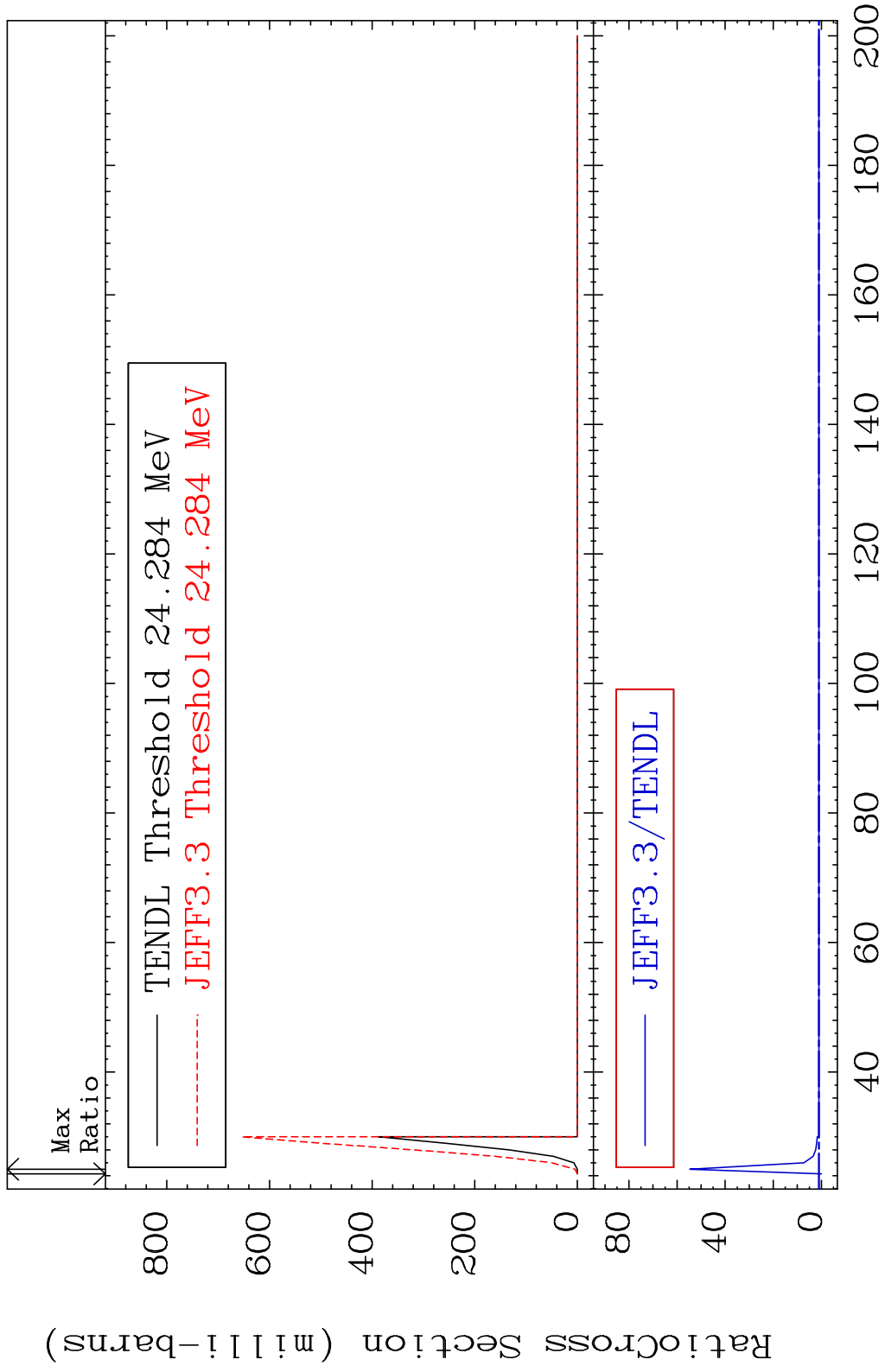


MAT 7425

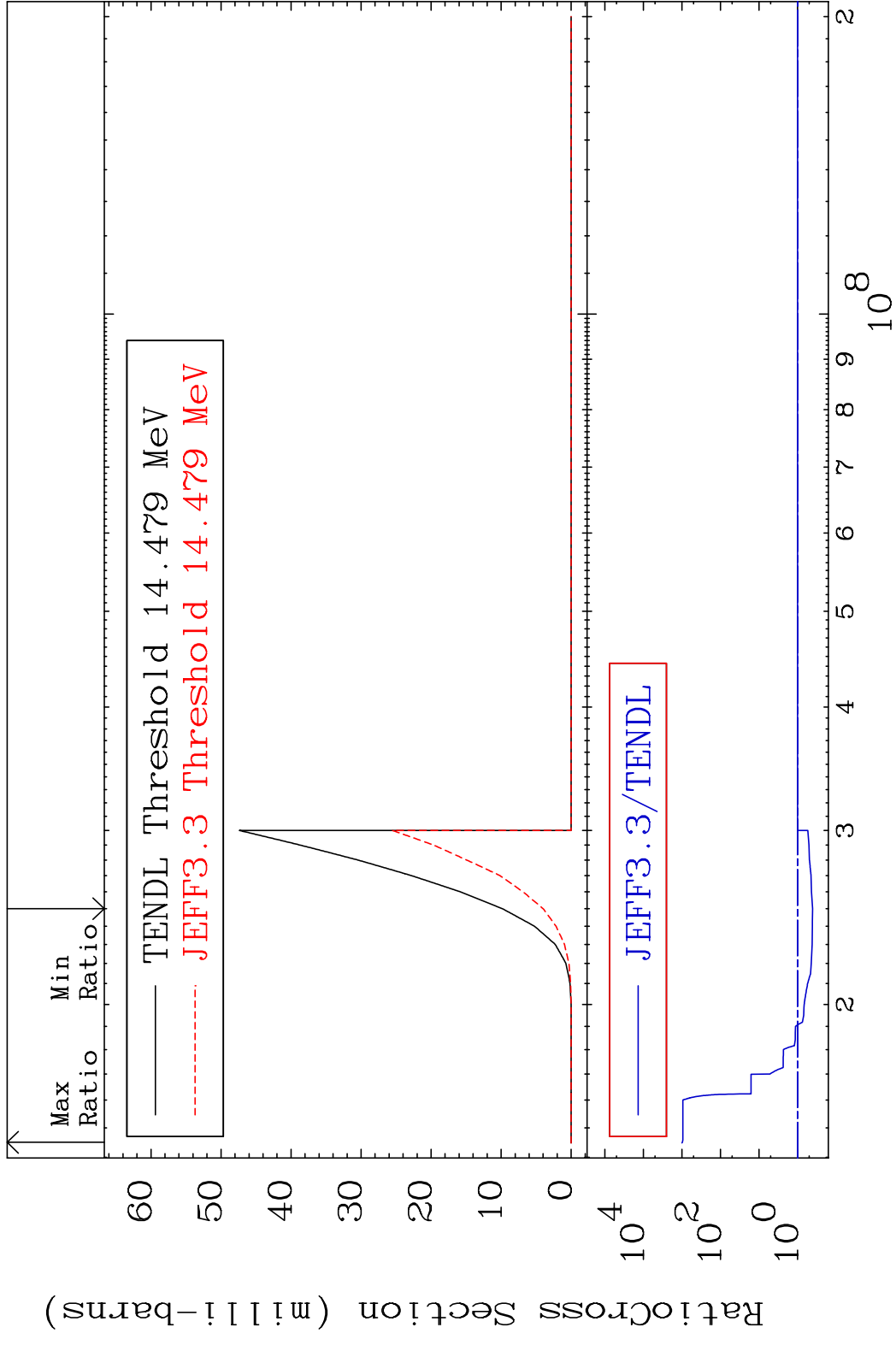
(n,4n)

74-W -180

Cross Section -100.0 To 5372. %



MAT 7425 (n,2n) p 74-W -180
 Cross Section -59.26 To 9999. %

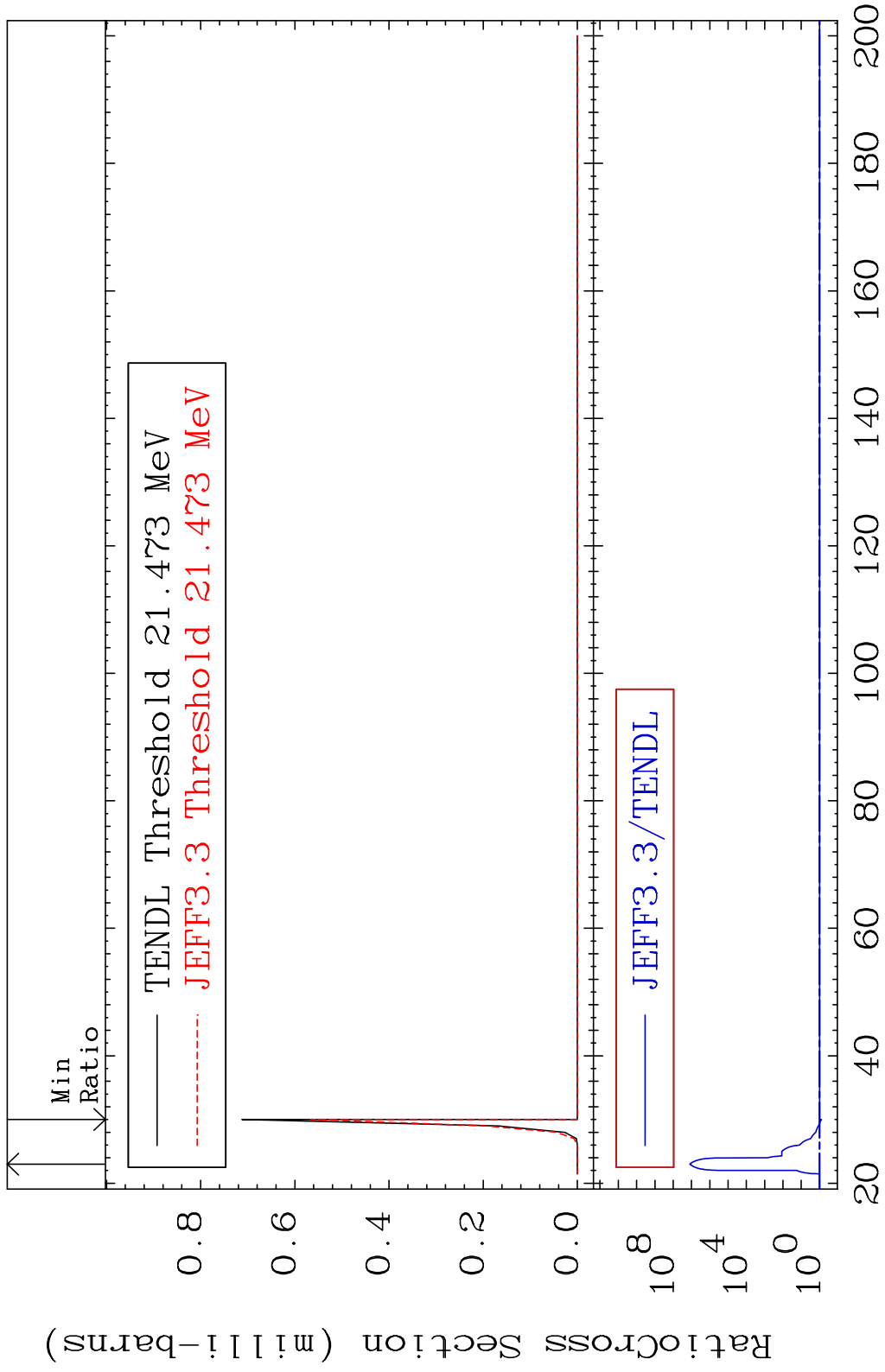


MAT 7425

(n,3n) p

74-W -180

Cross Section -20.60 To 9999. %

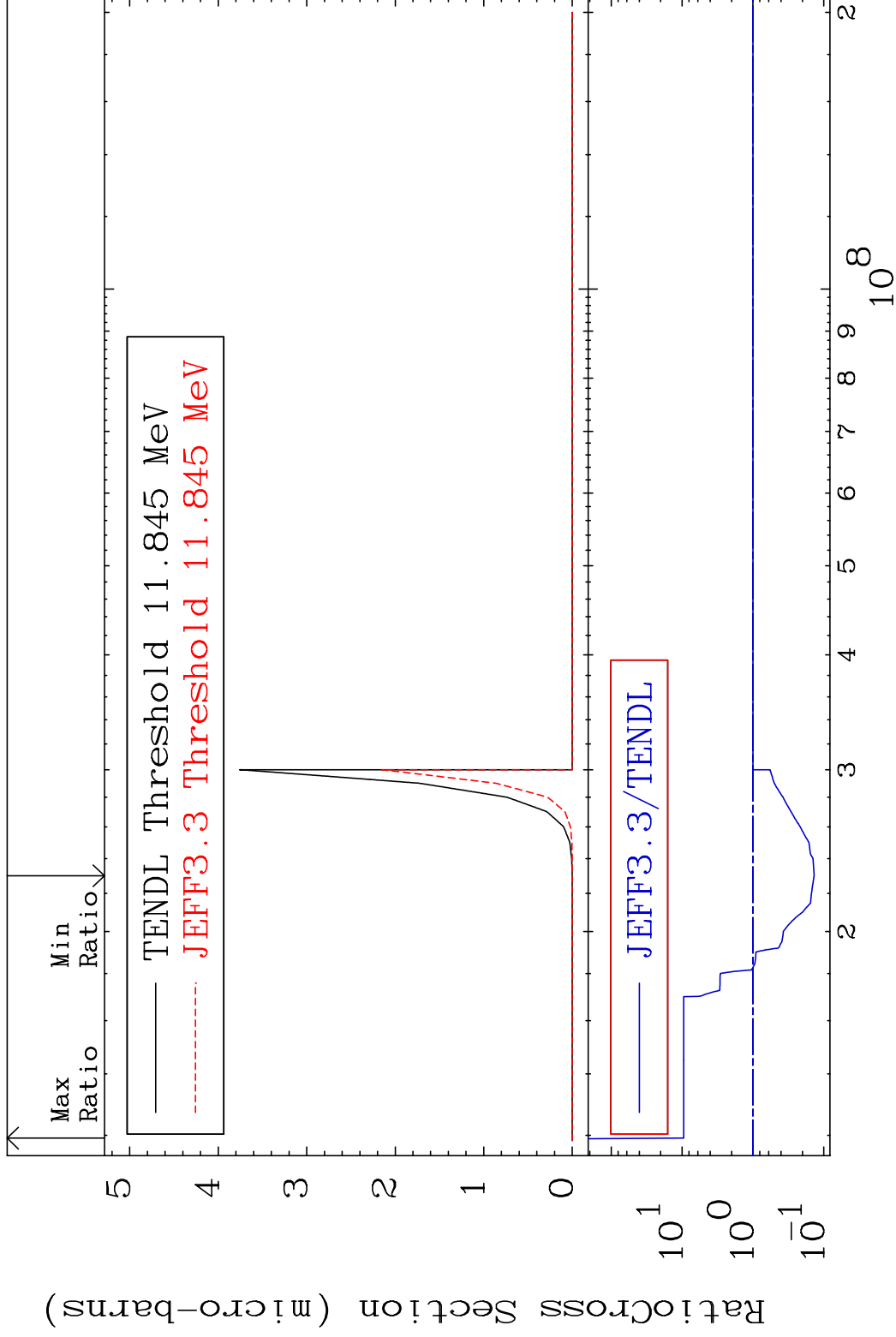


MAT 7425

(n,2n) p

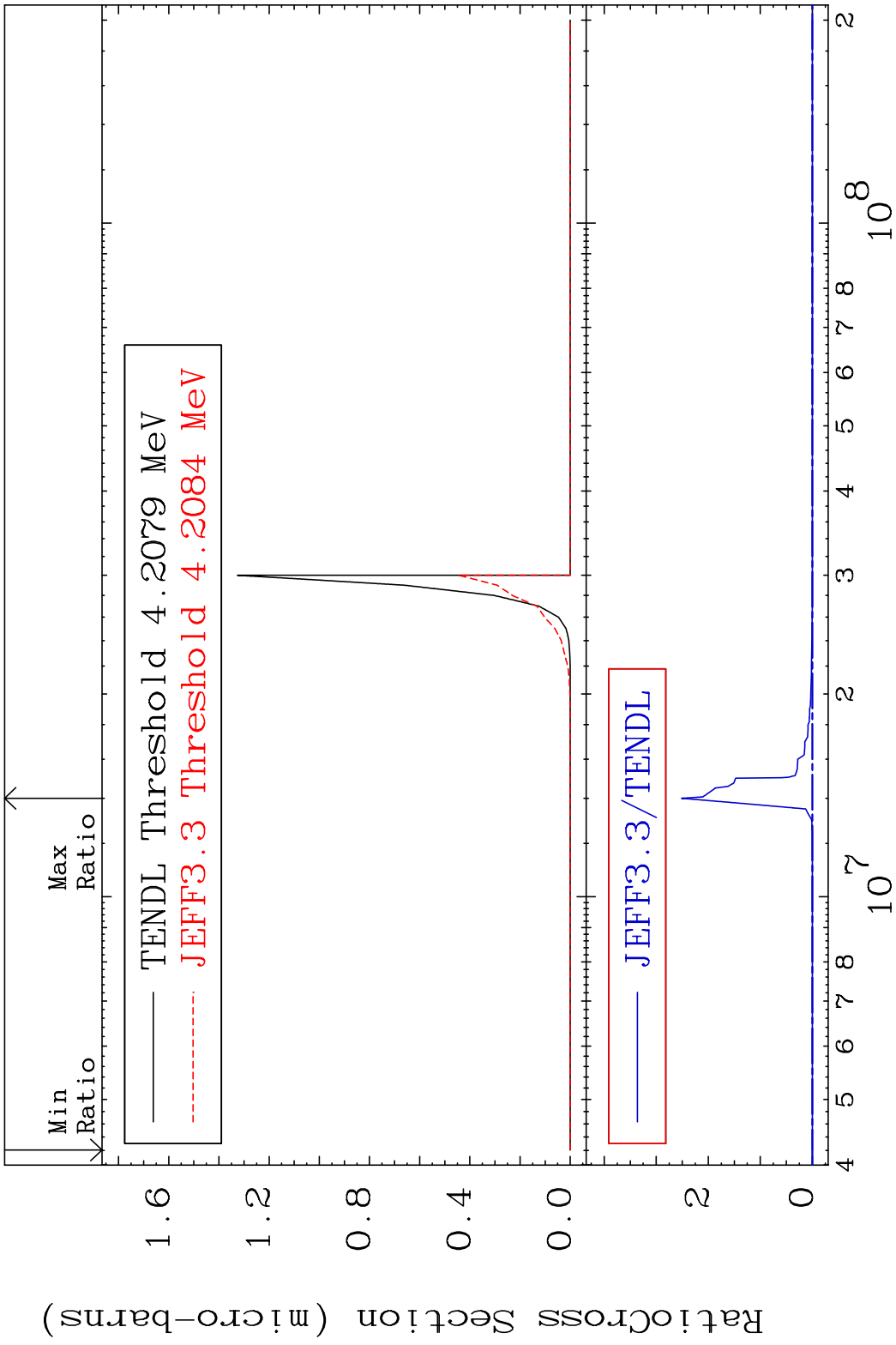
74-W -180

Cross Section -86.30 To 849.4 %



MAT 7425

(n, n') p α 74-W -180
Cross Section -100.0 To 9999. %

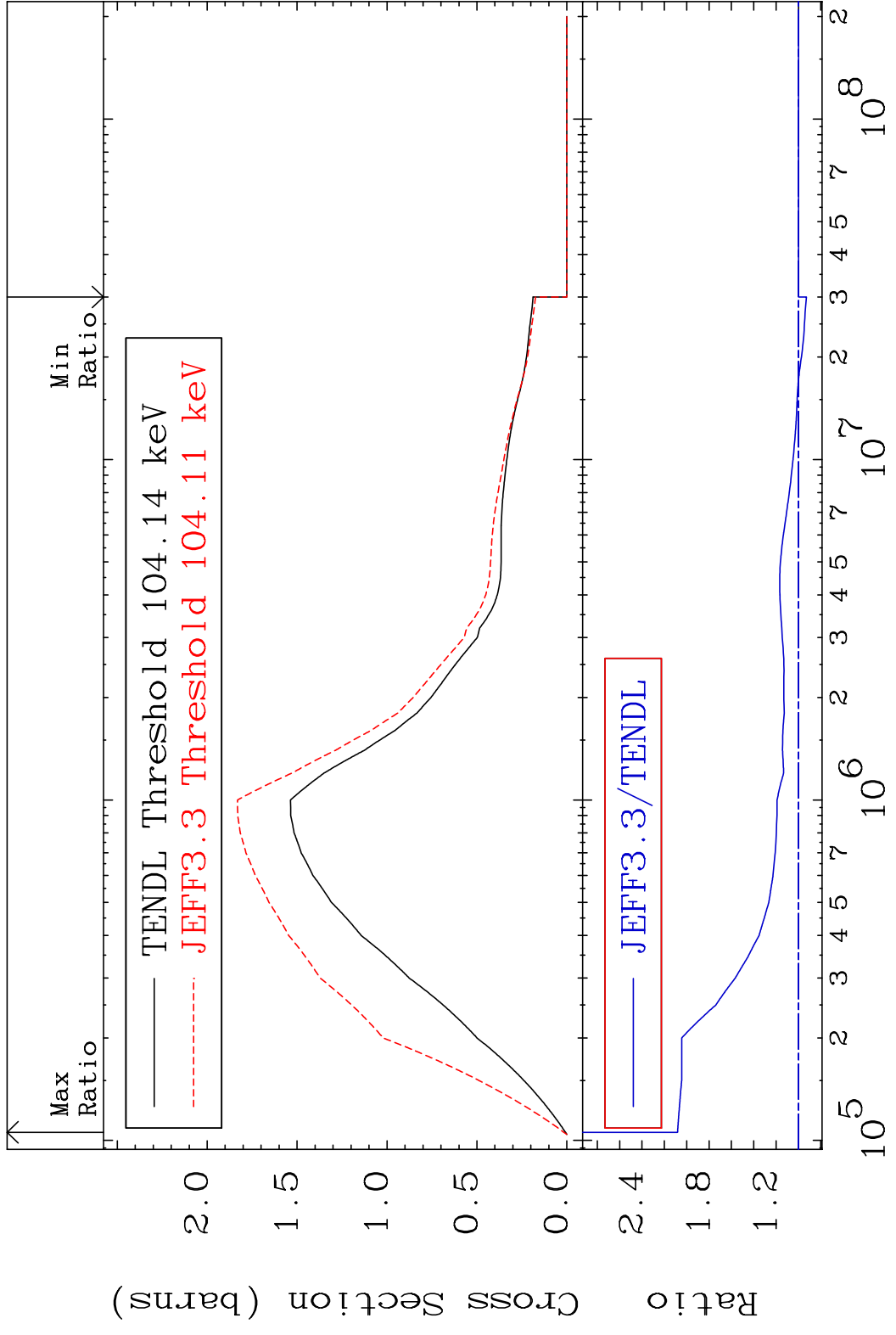


20

Incident Energy (eV)

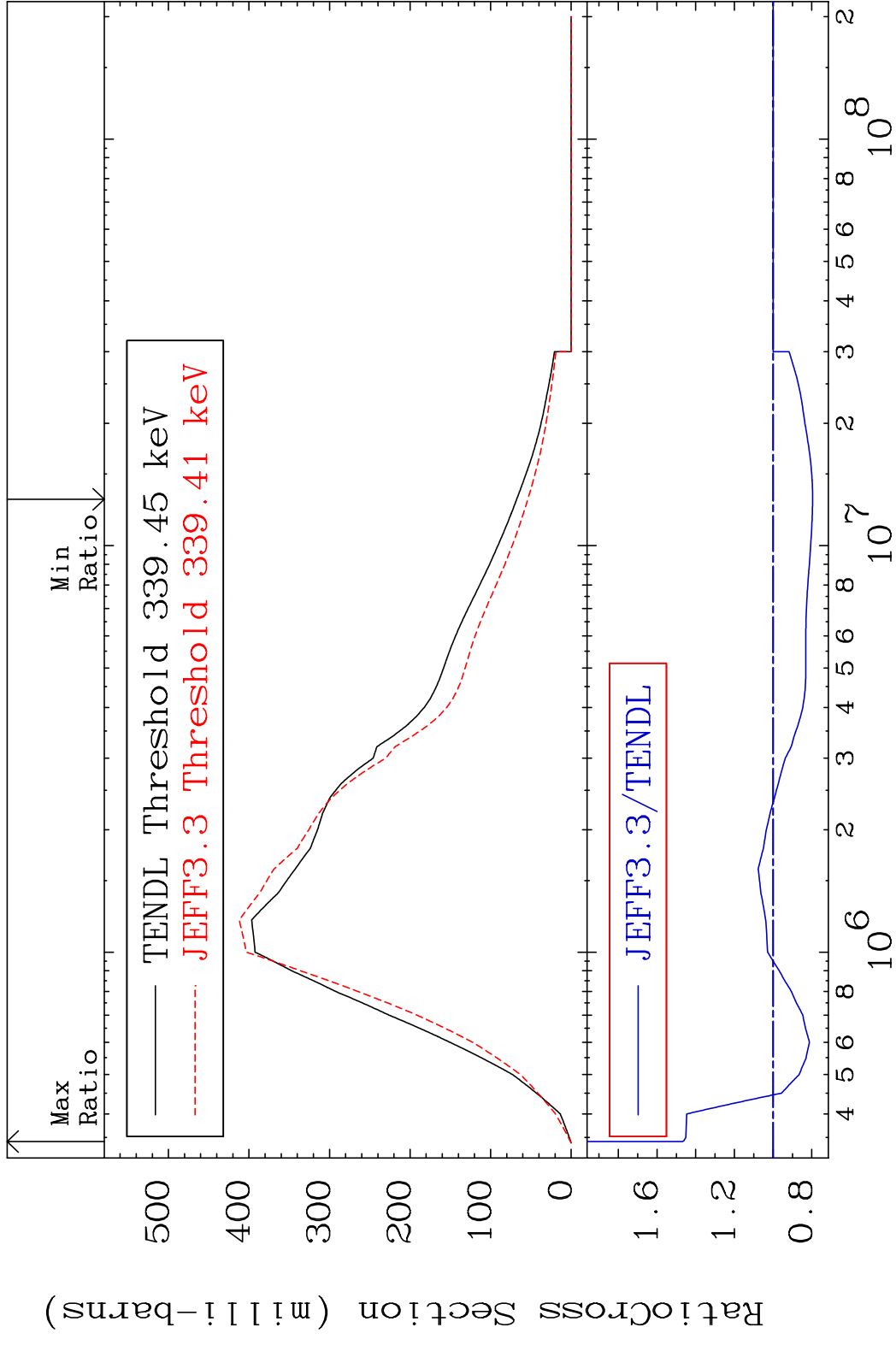
74-W -180

MAT 7425 MT= 51 (n,n') Level 74-W -180
 Cross Section -7.109 To 108.5 %

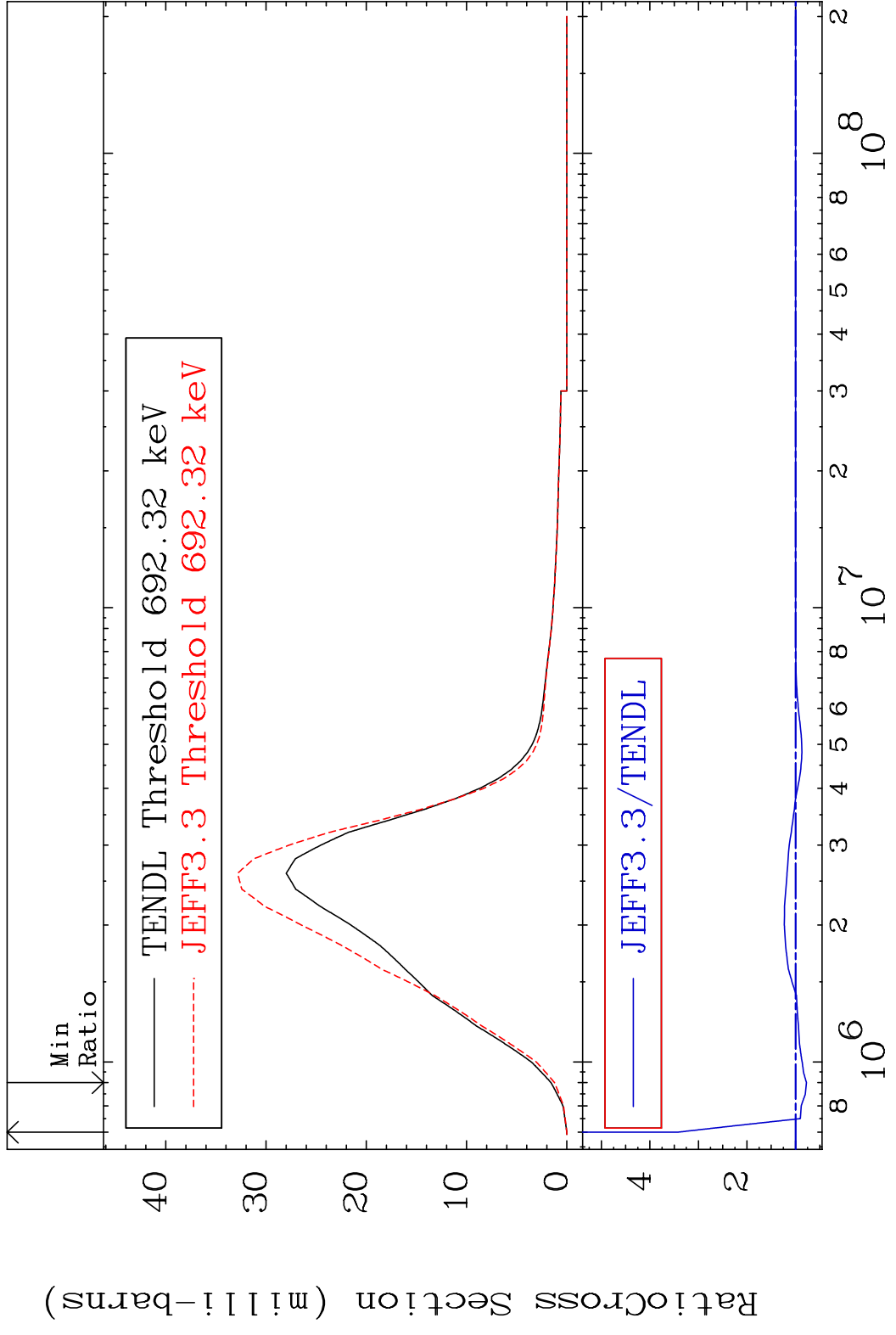


21 Incident Energy (eV) 74-W -180

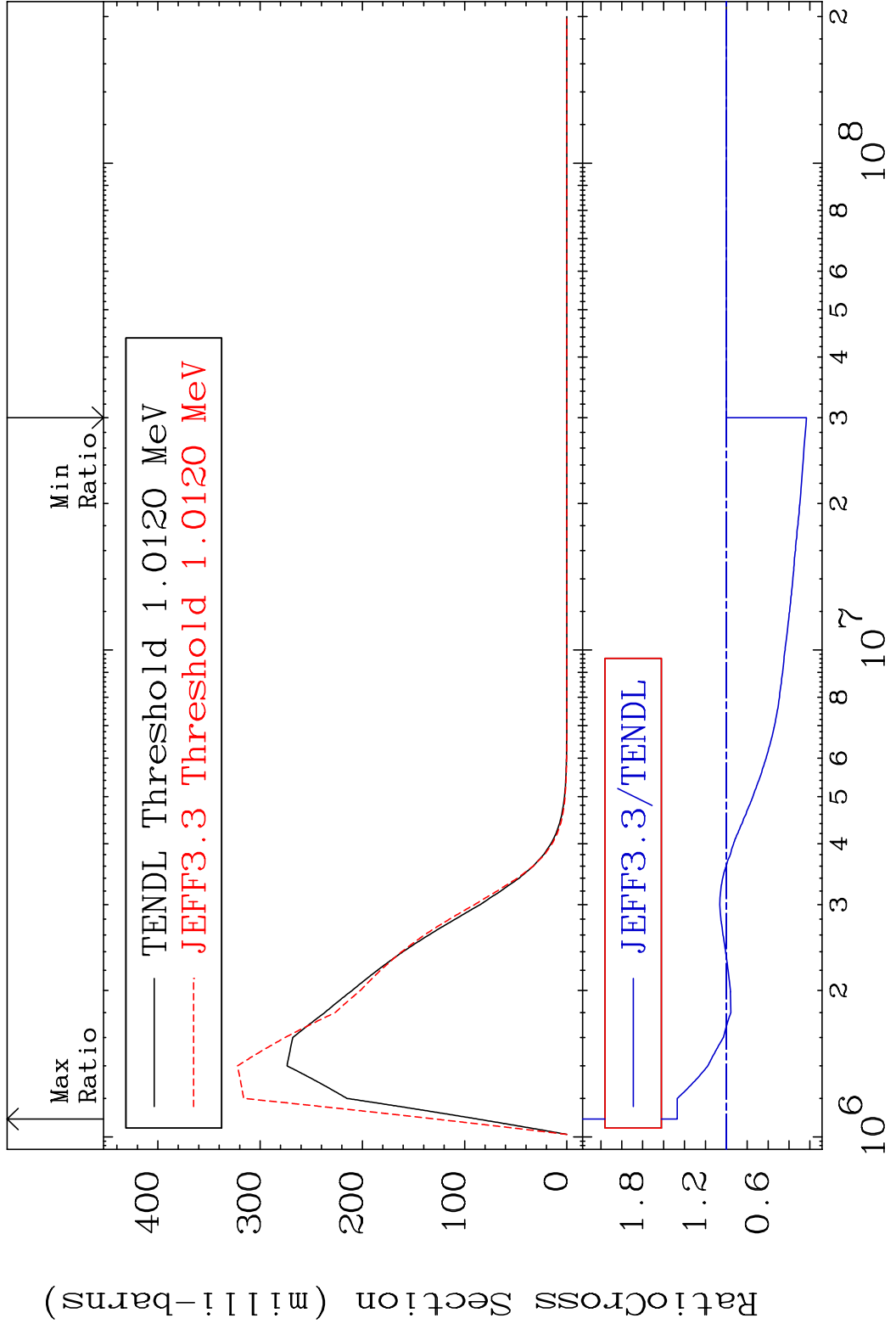
MAT 7425 MT= 52 (n, n') Level 74-W -180
 Cross Section -20.39 To 46.91 %



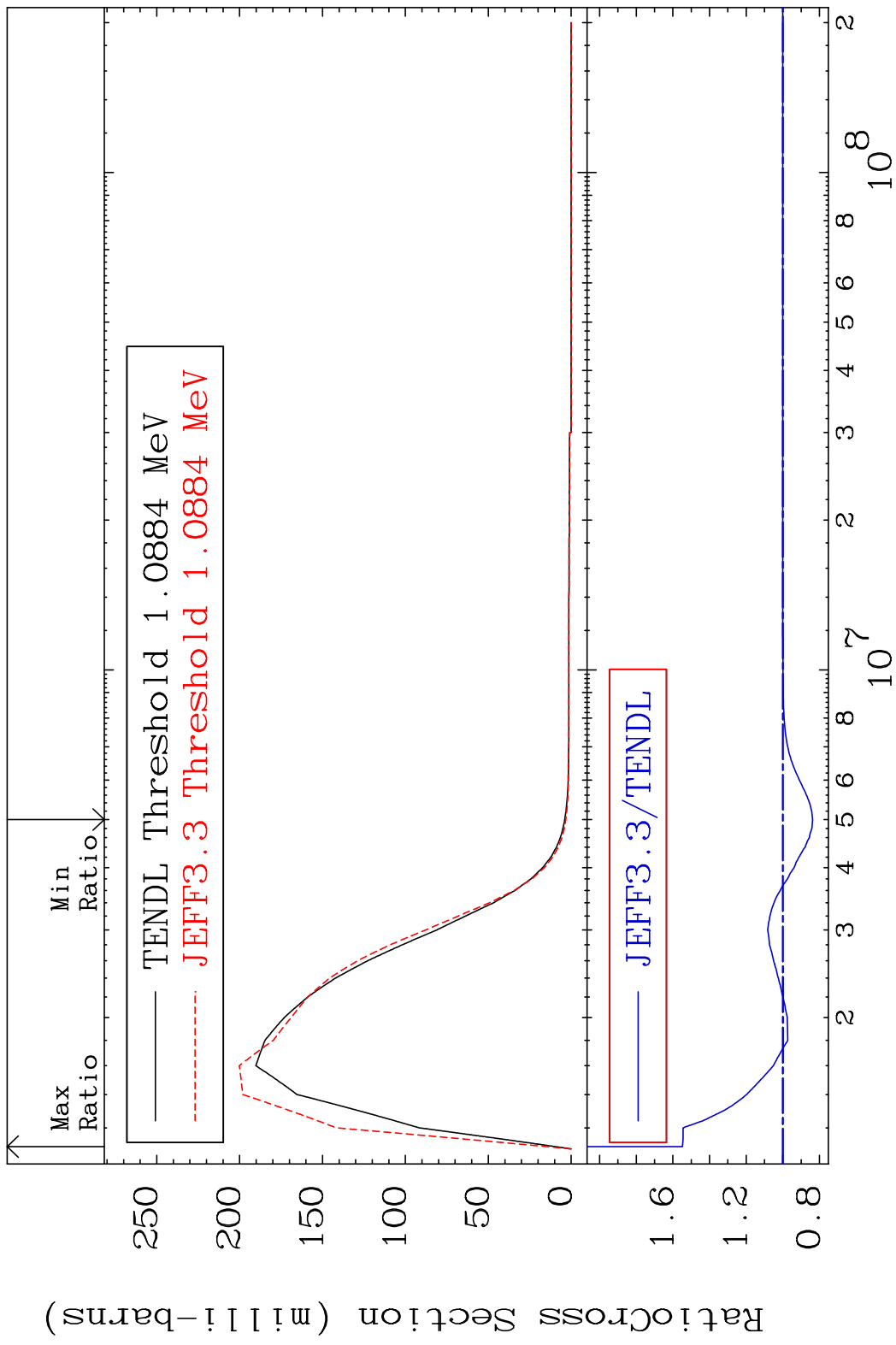
MAT 7425 MT= 53 (n, n') Level 74-W -180
 Cross Section -22.50 To 243.8 %



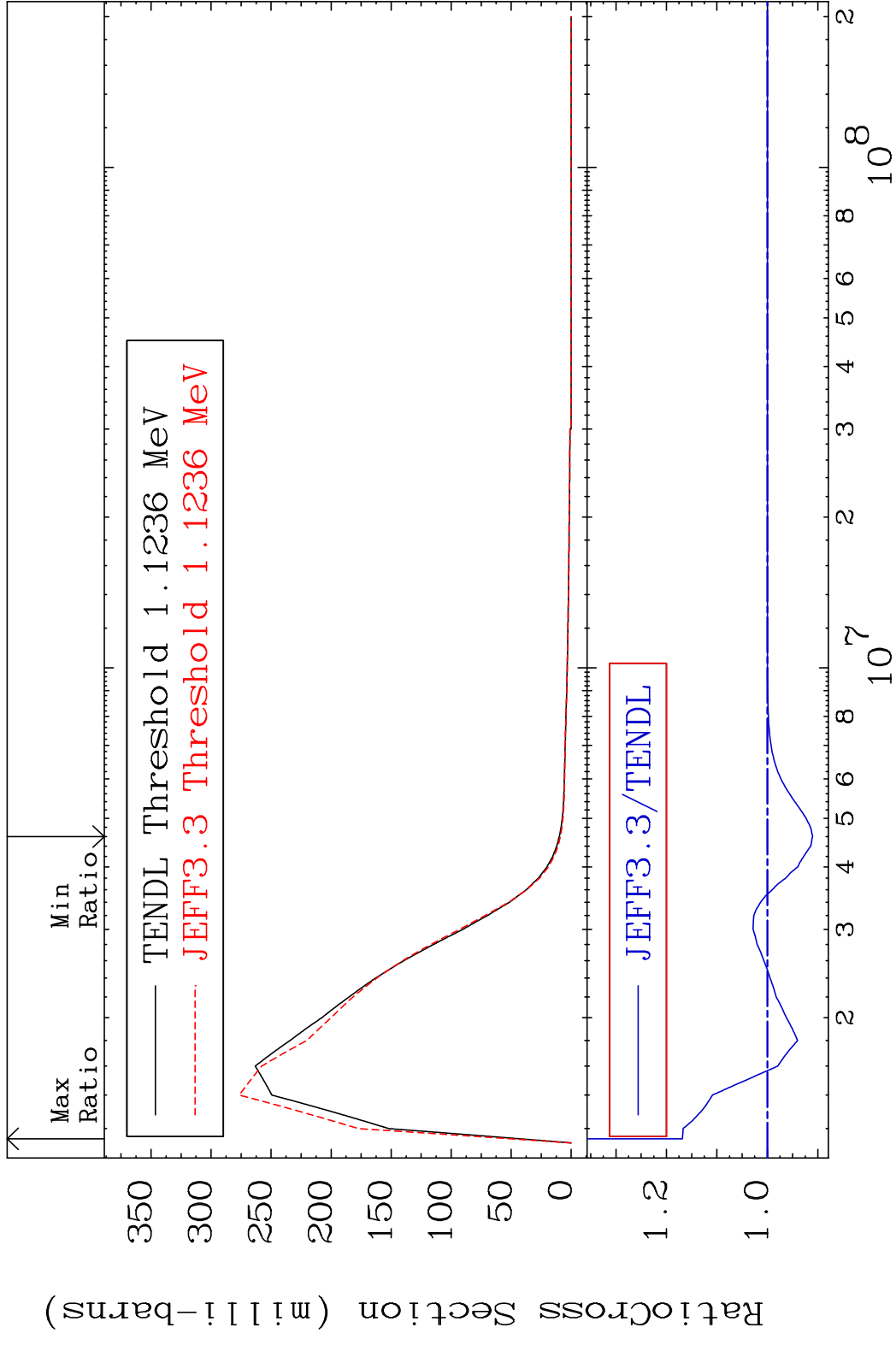
MAT 7425 MT= 54 (n, n') Level 74-W -180
 Cross Section -76.61 To 47.01 %



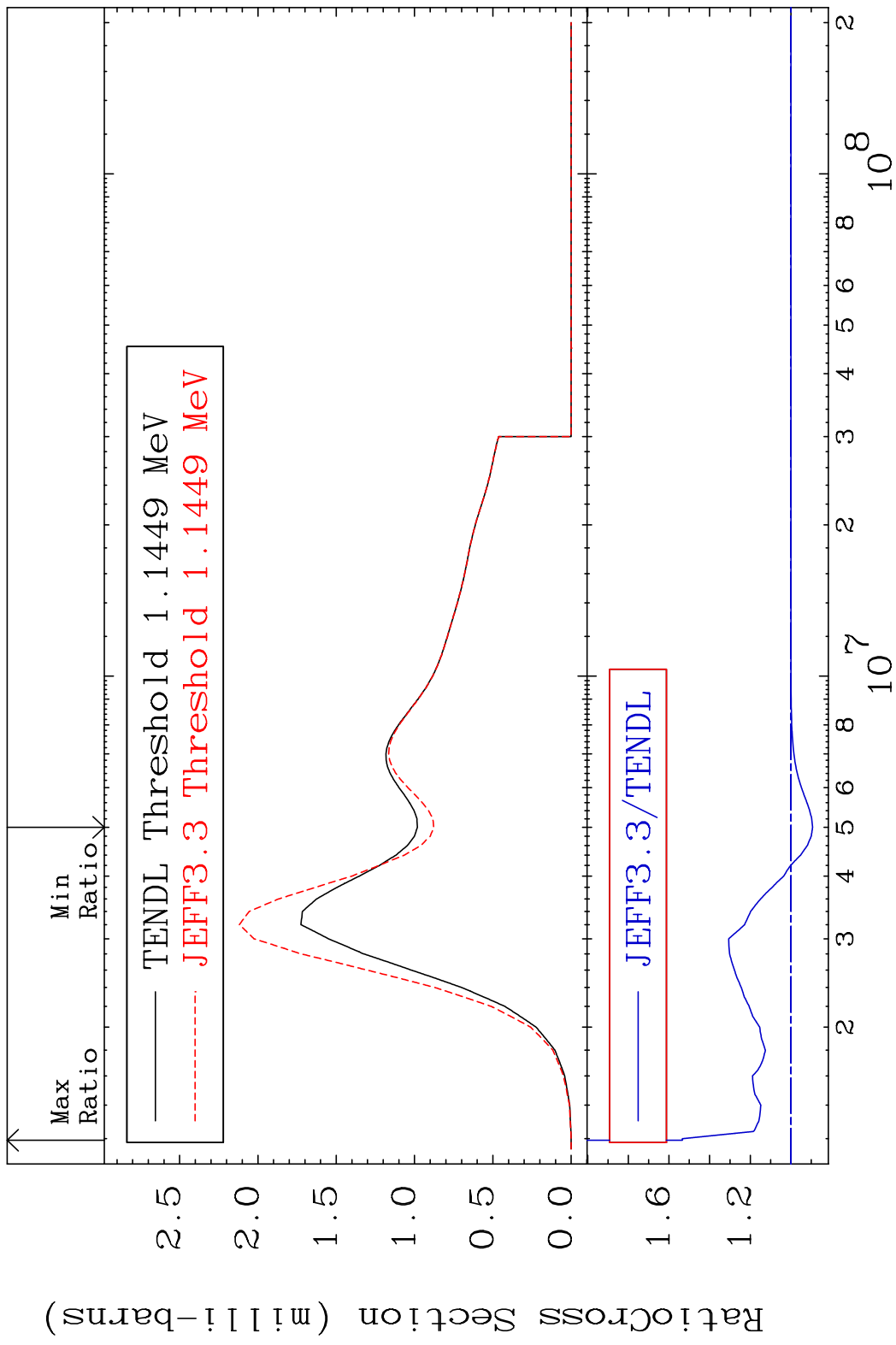
MAT 7425 MT= 55 (n,n') Level 74-W -180
 Cross Section -16.22 To 54.85 %



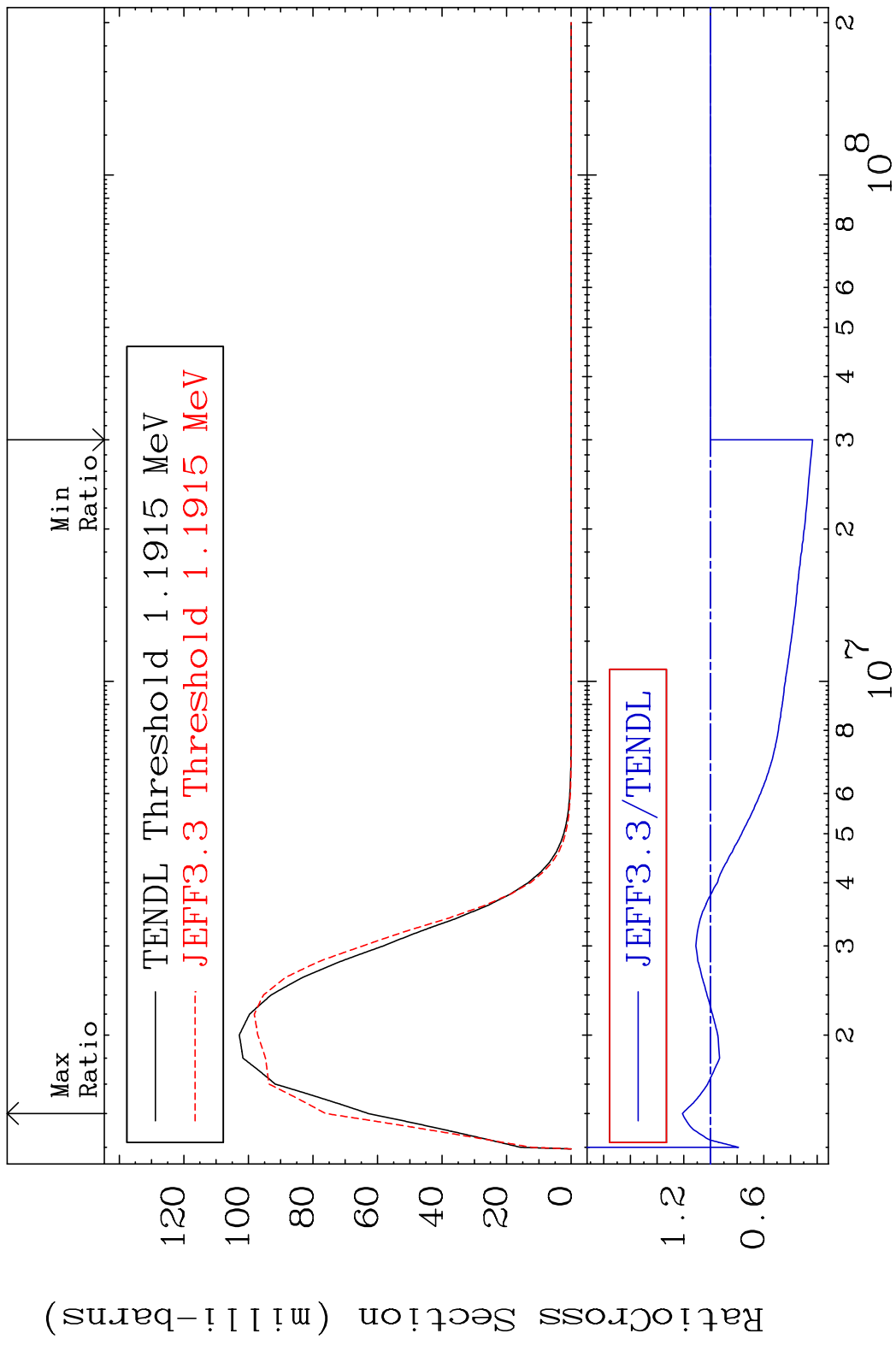
MAT 7425 MT= 56 (n,n') Level 74-W -180
 Cross Section -8.955 To 16.84 %



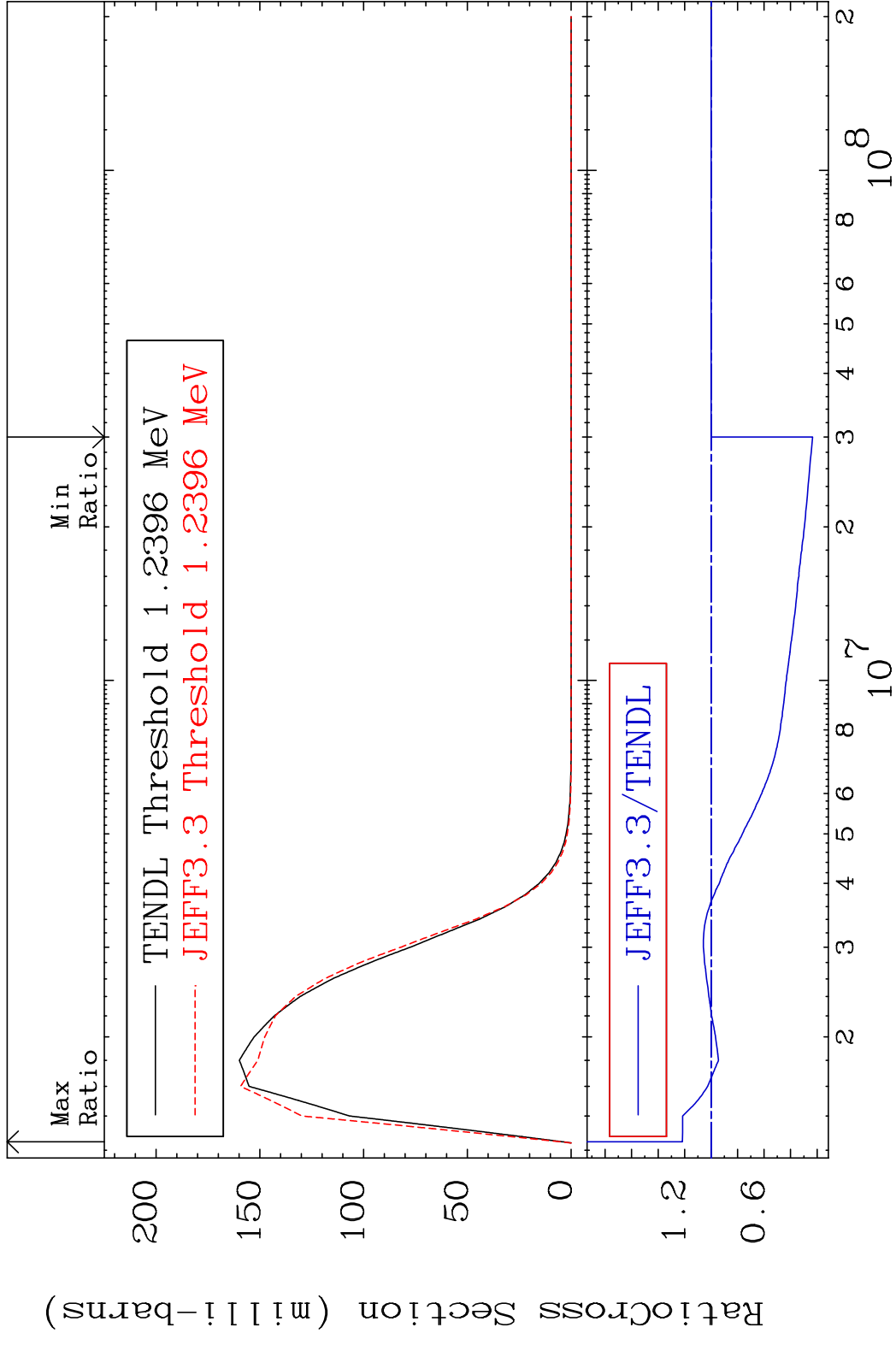
MAT 7425 MT= 57 (n,n') Level 74-W -180
 Cross Section -10.68 To 53.44 %



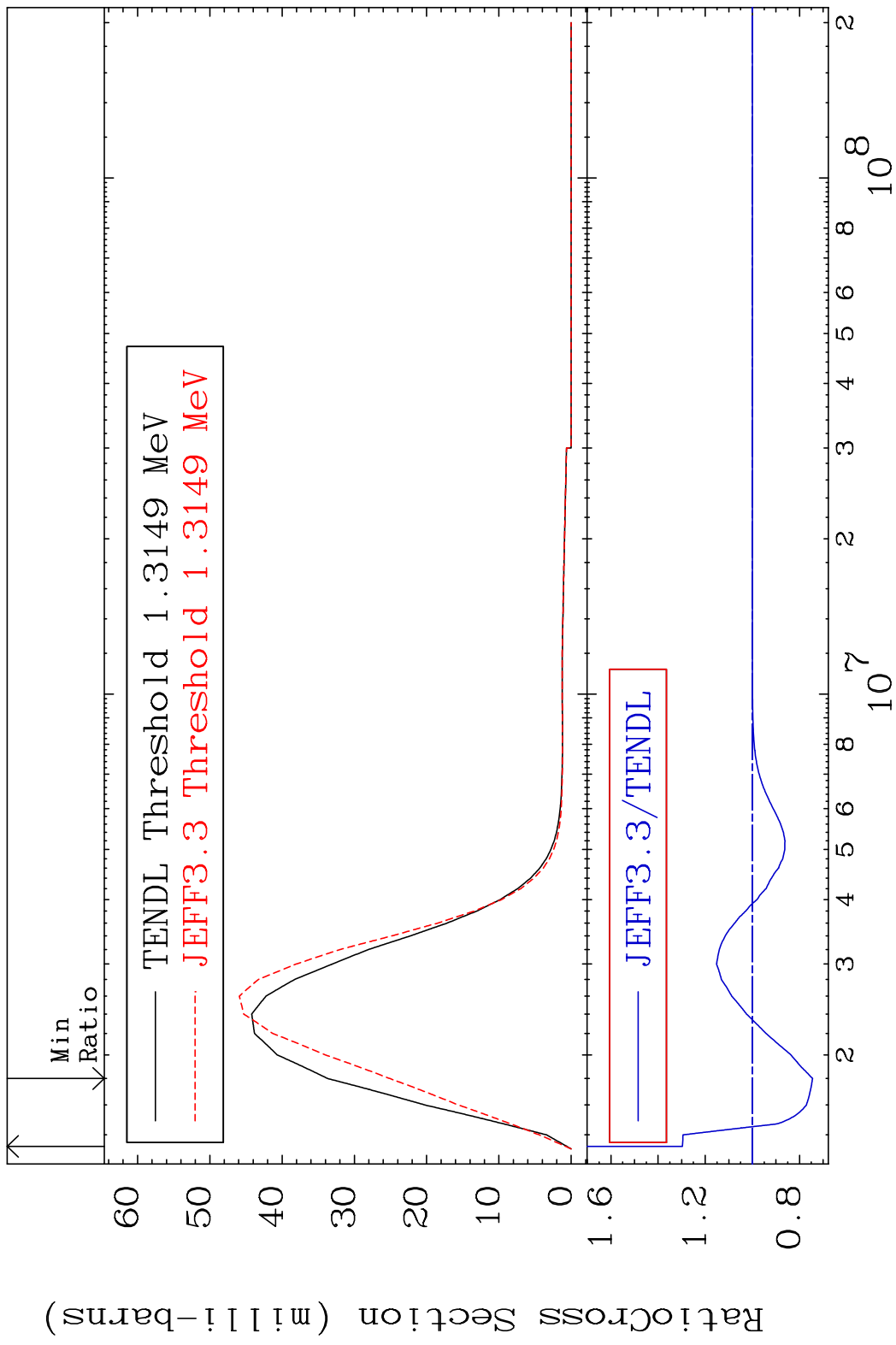
MAT 7425 MT= 58 (n, n') Level 74-W -180
 Cross Section -76.58 To 21.08 %



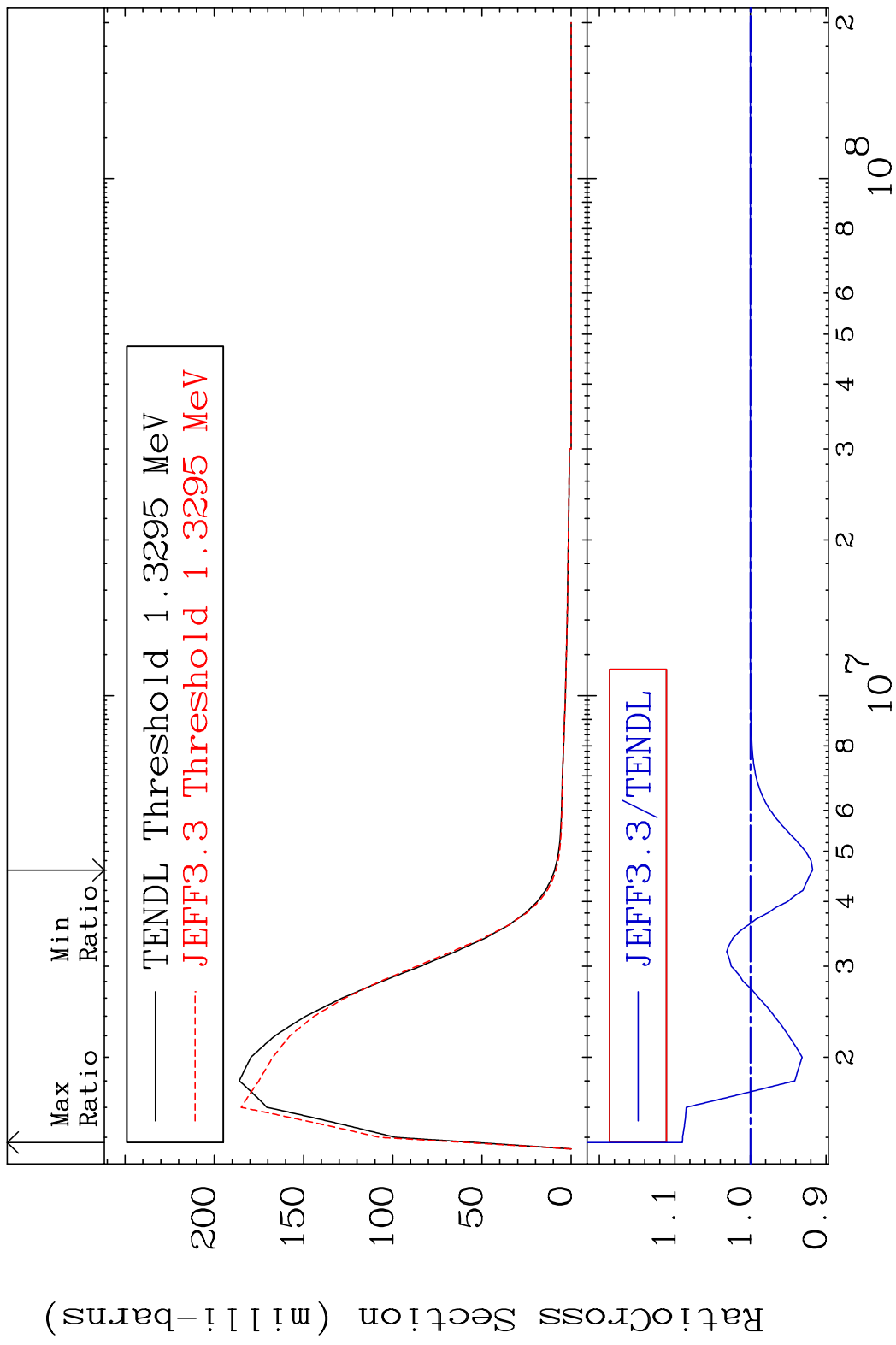
MAT 7425 MT= 59 (n,n') Level 74-W -180
 Cross Section -76.59 To 21.70 %



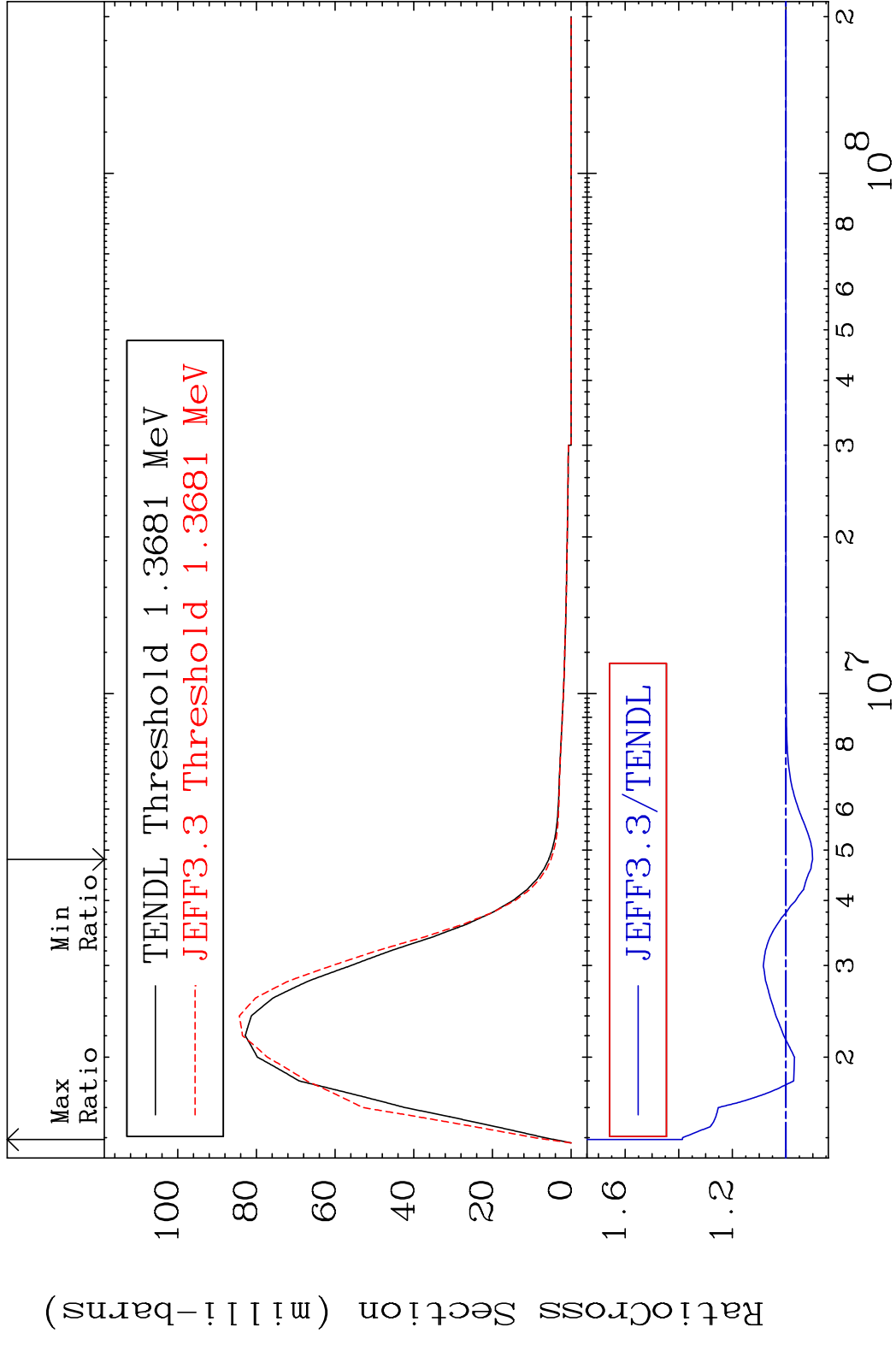
MAT 7425 MT= 60 (n,n') Level 74-W -180
 Cross Section -25.52 To 29.70 %



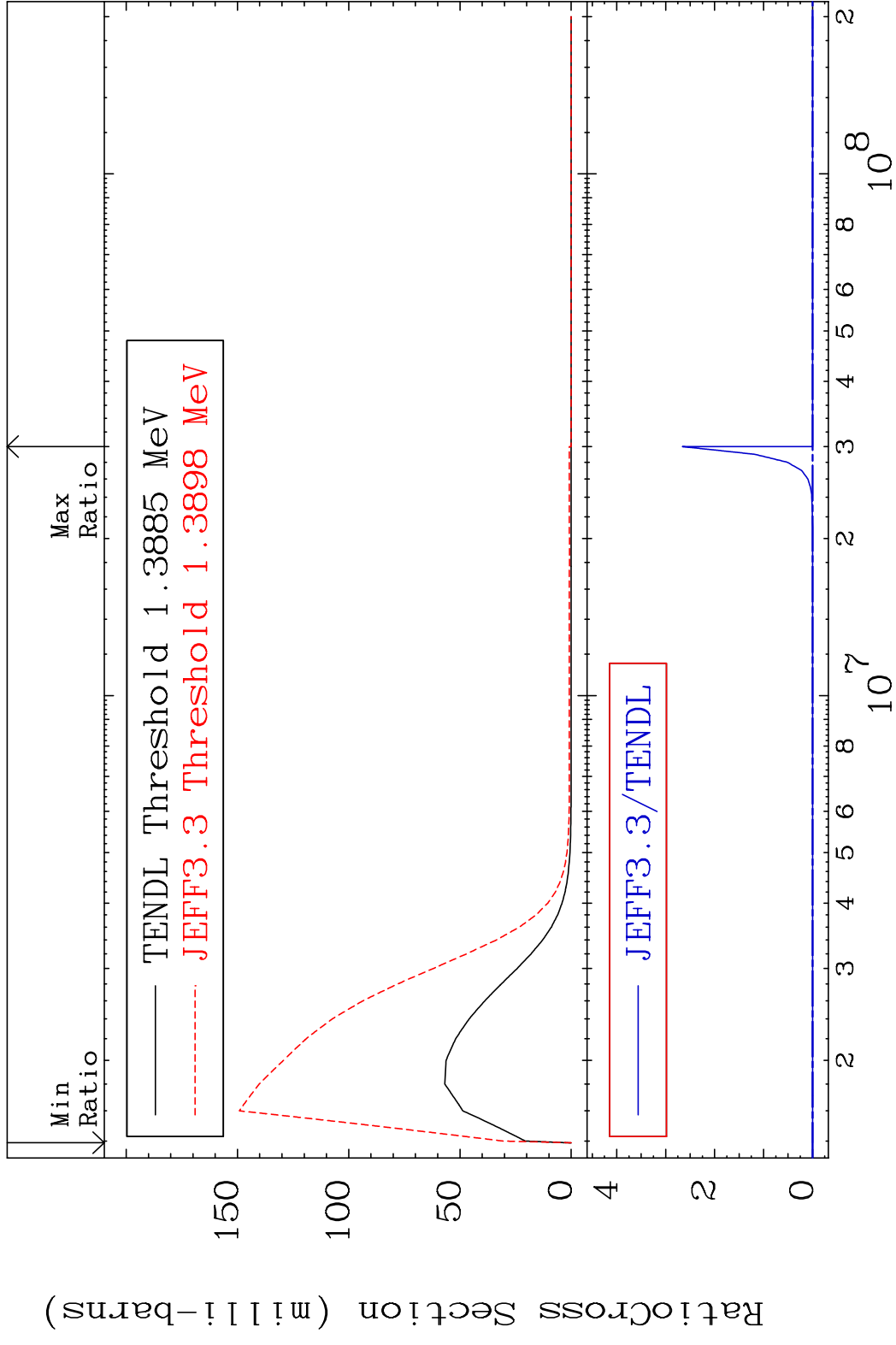
MAT 7425 MT= 61 (n, n') Level 74-W -180
 Cross Section -8.224 To 9.012 %



MAT 7425 MT= 62 (n,n') Level 74-W -180
 Cross Section -9.923 To 38.67 %

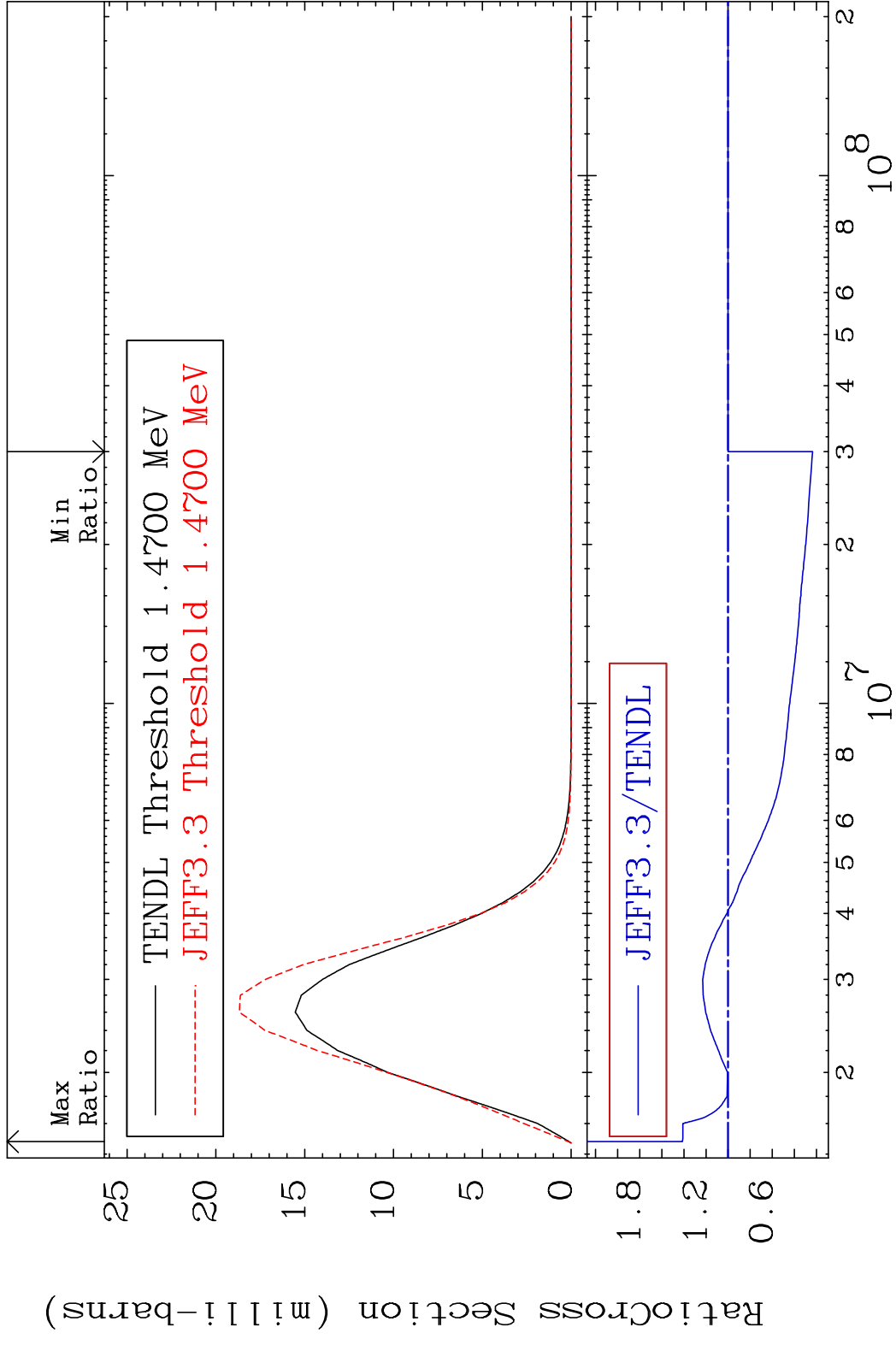


MAT 7425 MT= 63 (n, n') Level 74-W -180
 Cross Section -100.0 To 9999. %

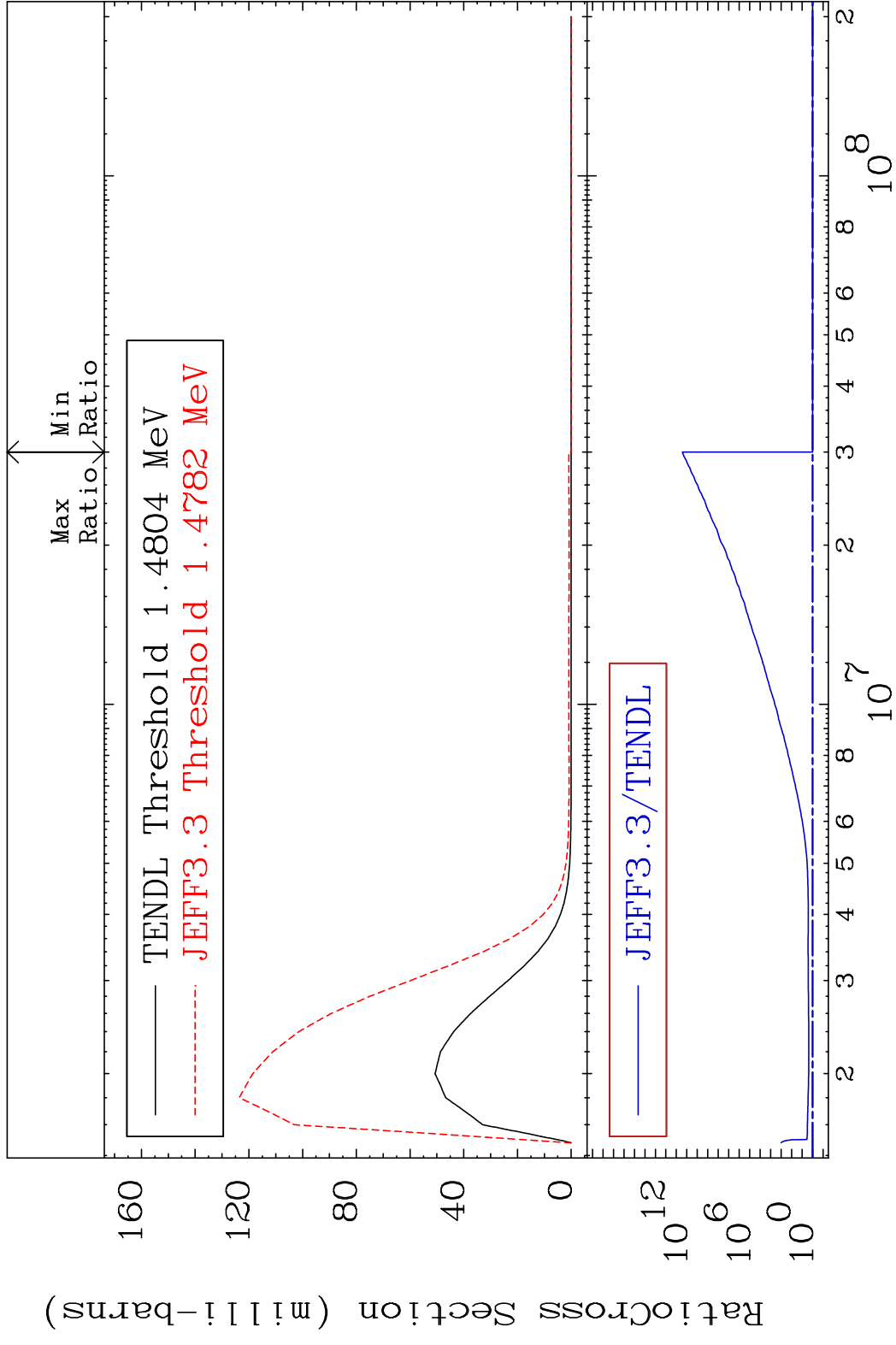


33 Incident Energy (eV) 74-W -180

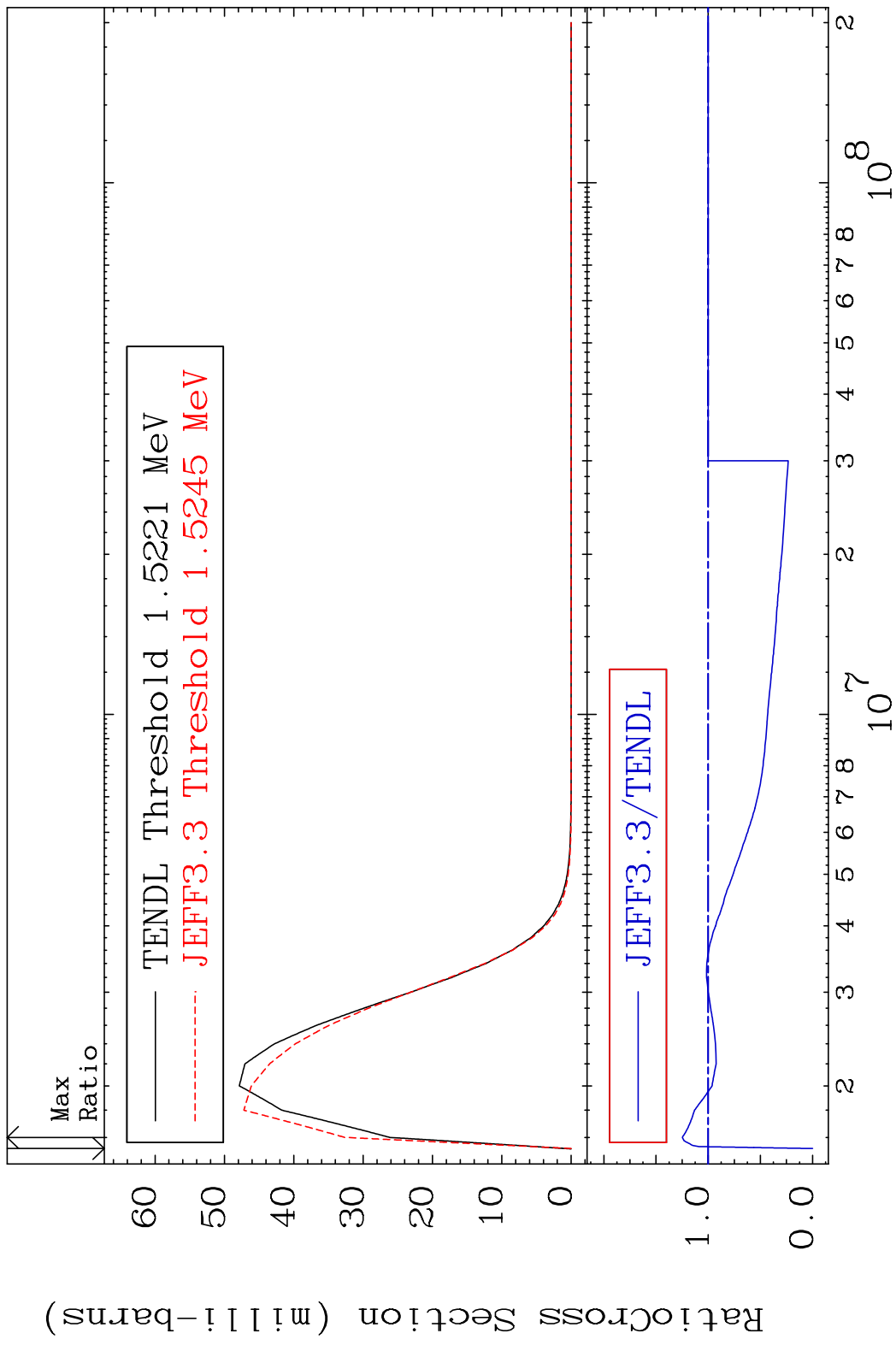
MAT 7425 MT= 64 (n, n') Level 74-W -180
 Cross Section -76.54 To 41.42 %



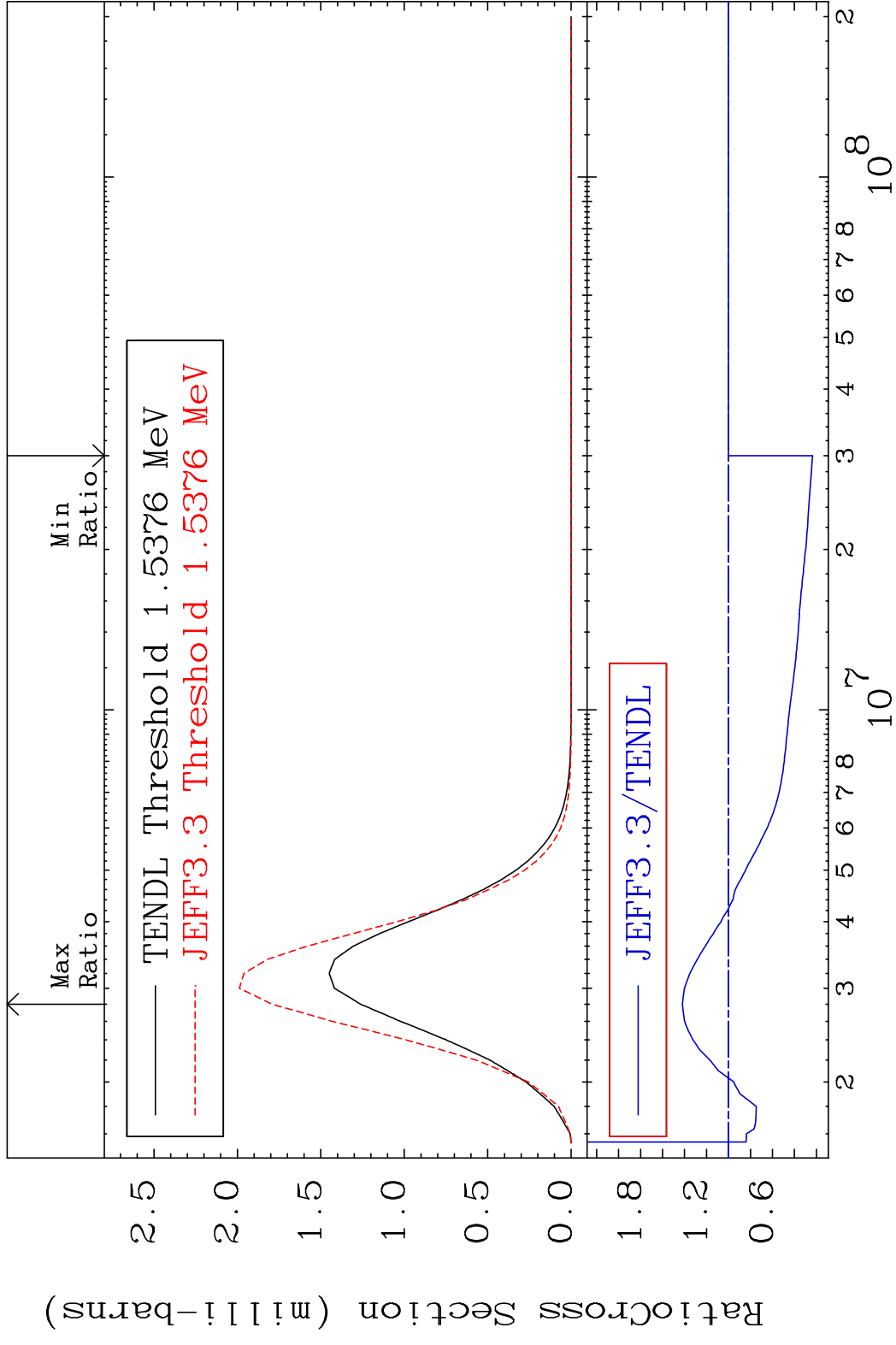
MAT 7425 MT= 65 (n, n') Level 74-W -180
 Cross Section 0.000 To 9999. %



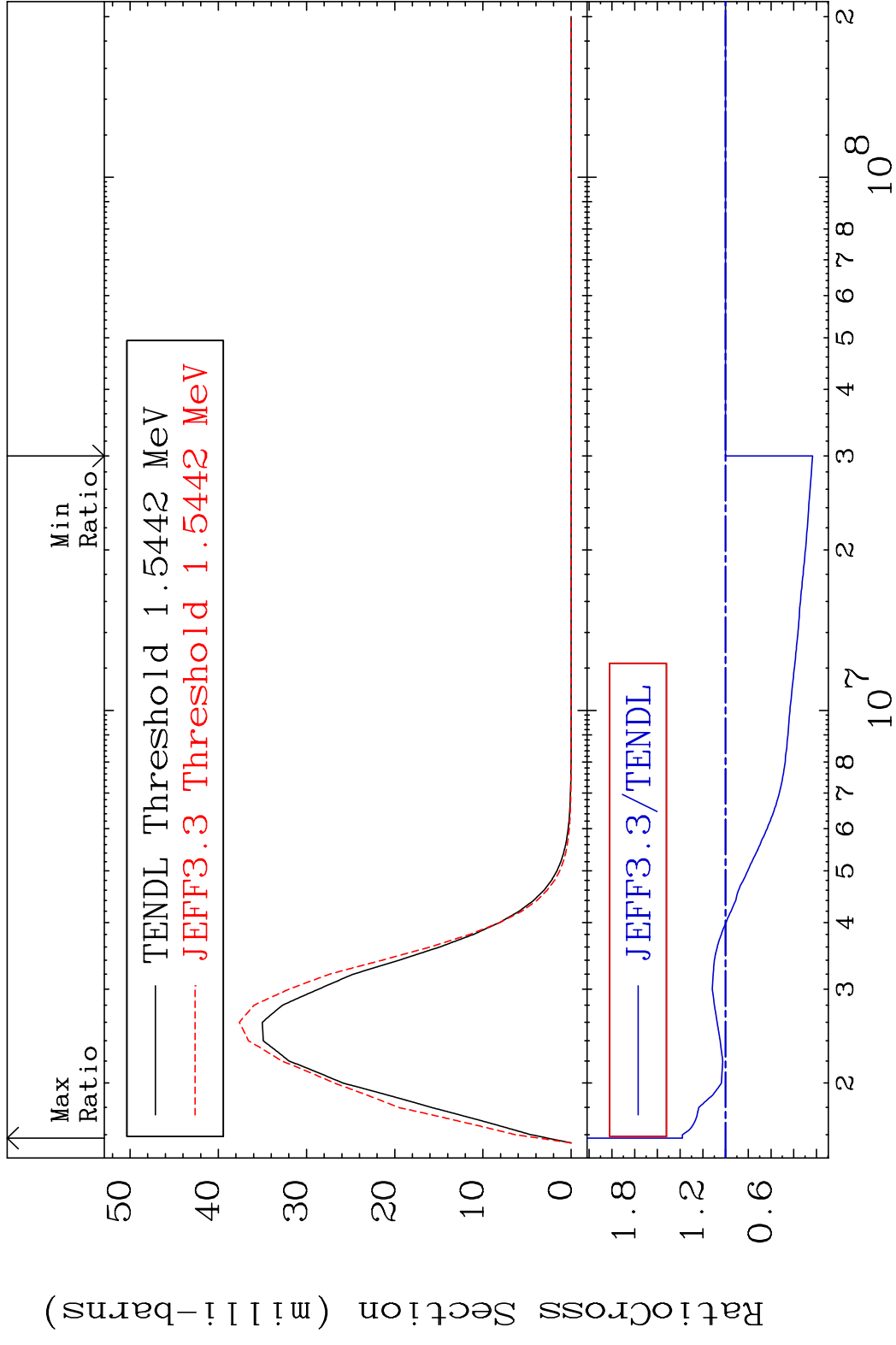
MAT 7425 MT= 66 (n,n') Level 74-W -180
 Cross Section -100.0 To 24.77 %



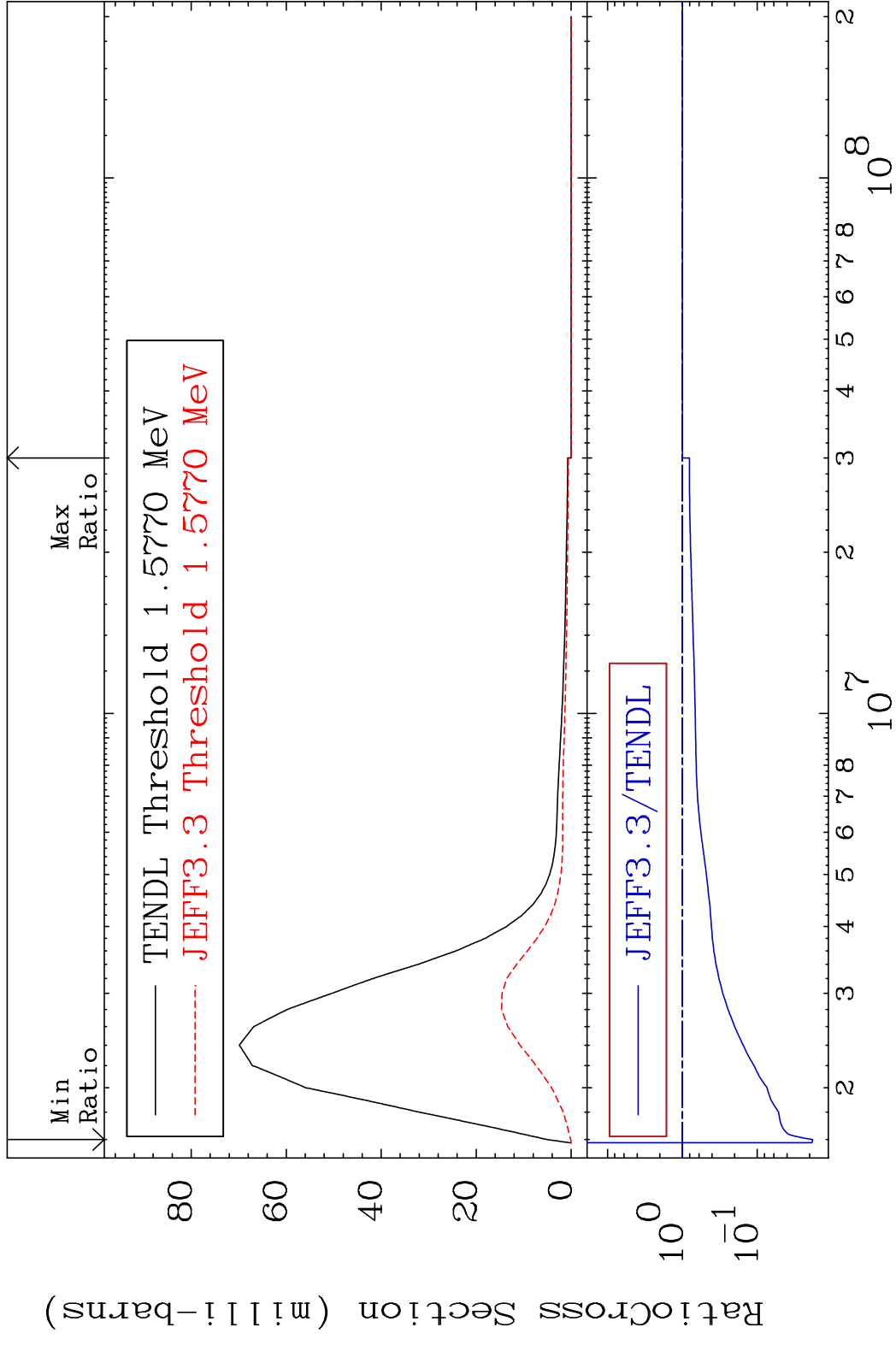
MAT 7425 MT= 67 (n, n') Level 74-W -180
 Cross Section -76.51 To 42.00 %



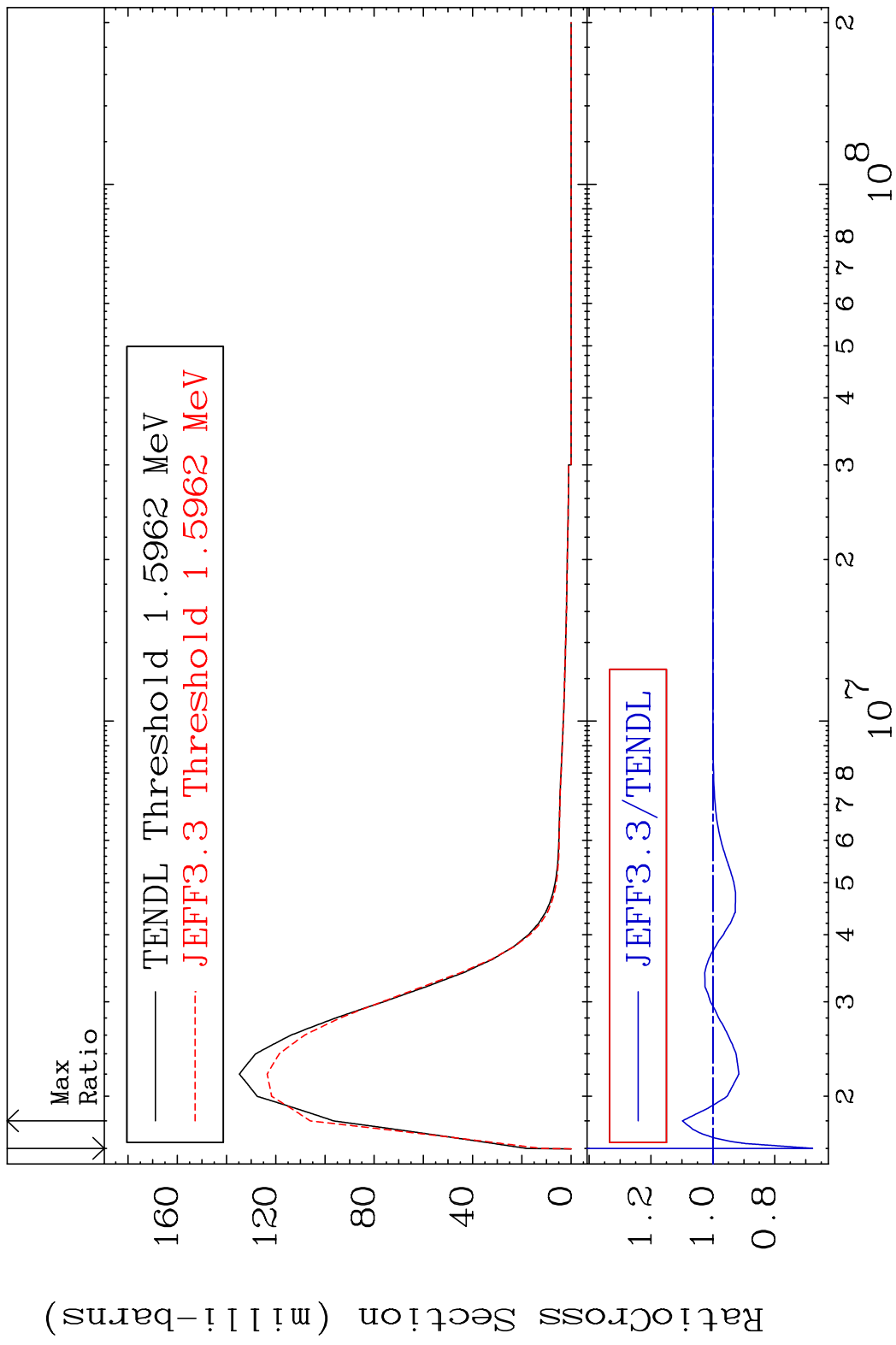
MAT 7425 MT= 68 (n, n') Level 74-W -180
 Cross Section -76.55 To 38.03 %



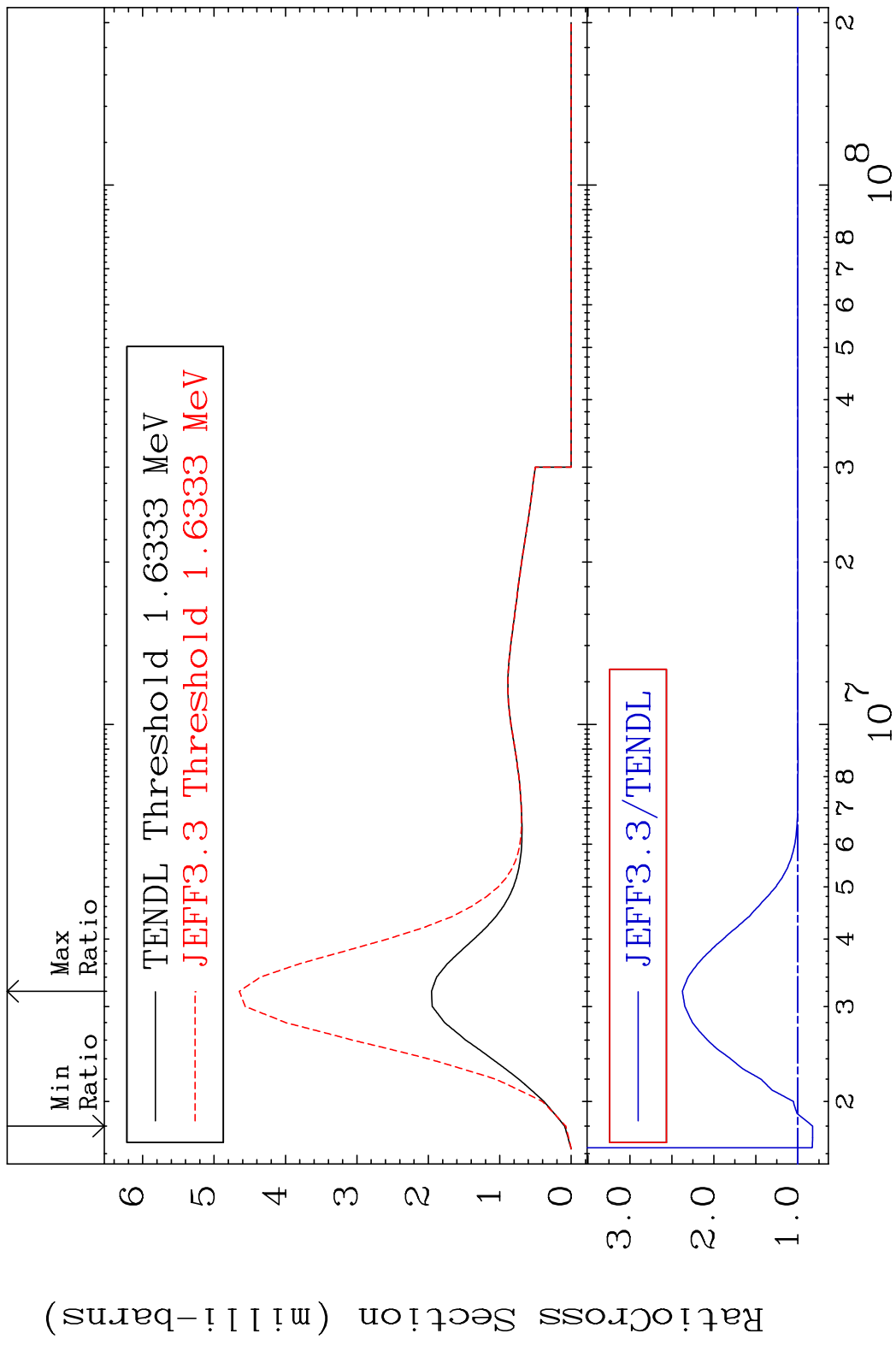
MAT 7425 MT= 69 (n, n') Level 74-W -180
 Cross Section -98.18 To 0.000 %



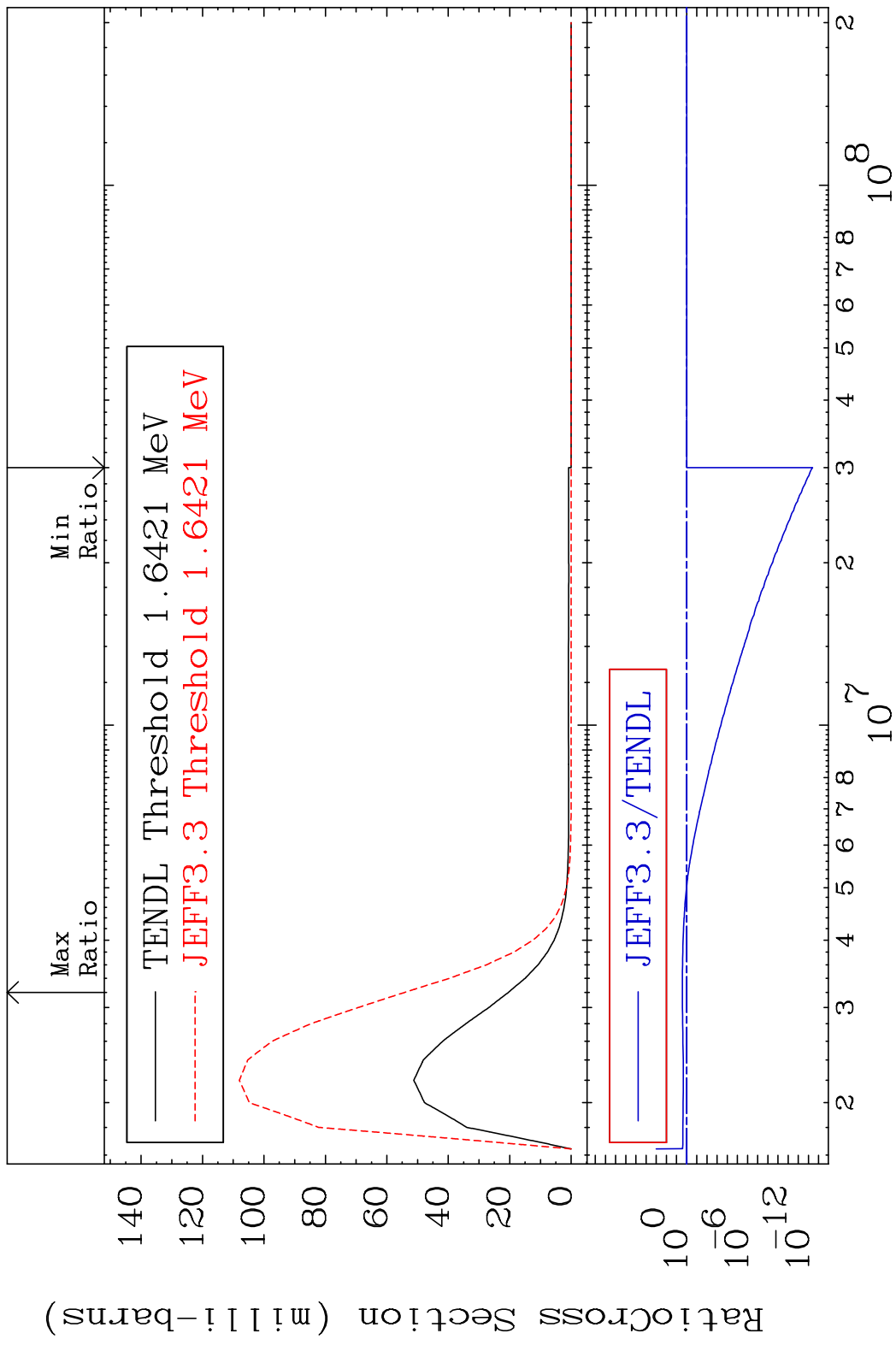
MAT 7425 MT= 70 (n, n') Level 74-W -180
 Cross Section -32.19 To 9.874 %



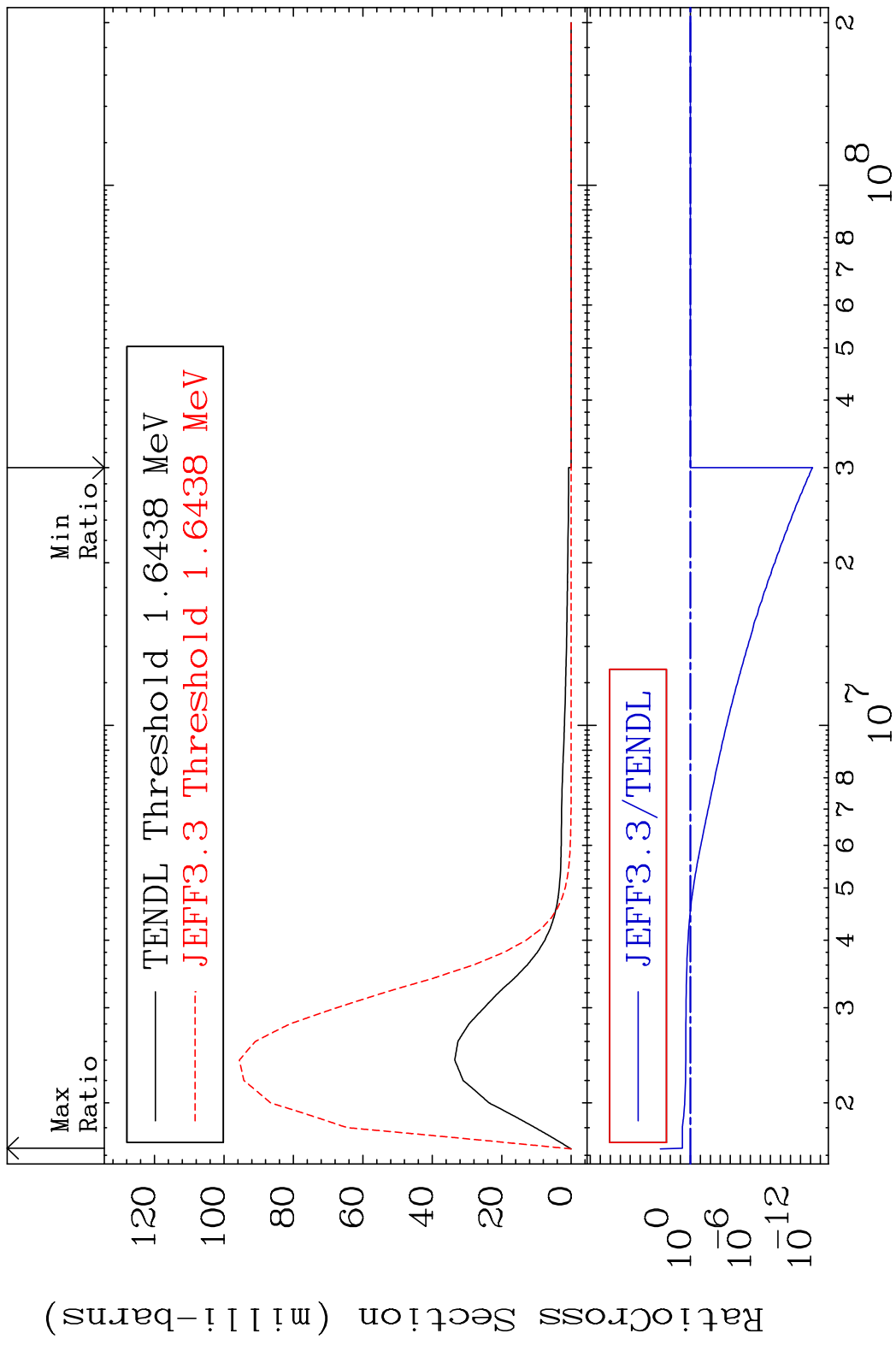
MAT 7425 MT= 71 (n,n') Level 74-W -180
 Cross Section -17.47 To 137.6 %



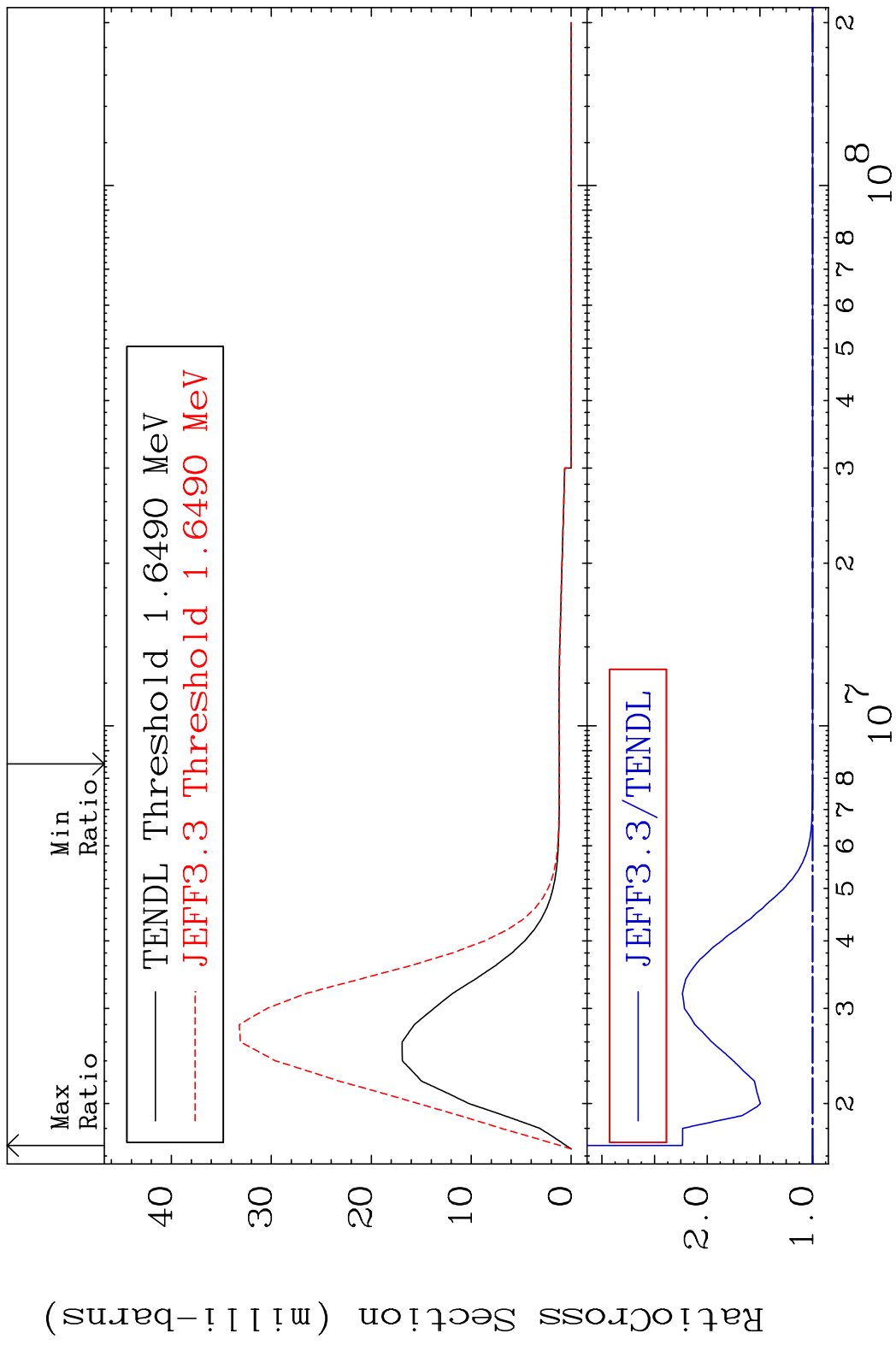
MAT 7425 MT= 72 (n, n') Level 74-W -180
 Cross Section -100.0 To 165.0 %



MAT 7425 MT= 73 (n, n') Level 74-W -180
 Cross Section -100.0 To 524.7 %



MAT 7425 MT= 74 (n,n') Level 74-W -180
 Cross Section -0.019 To 123.6 %

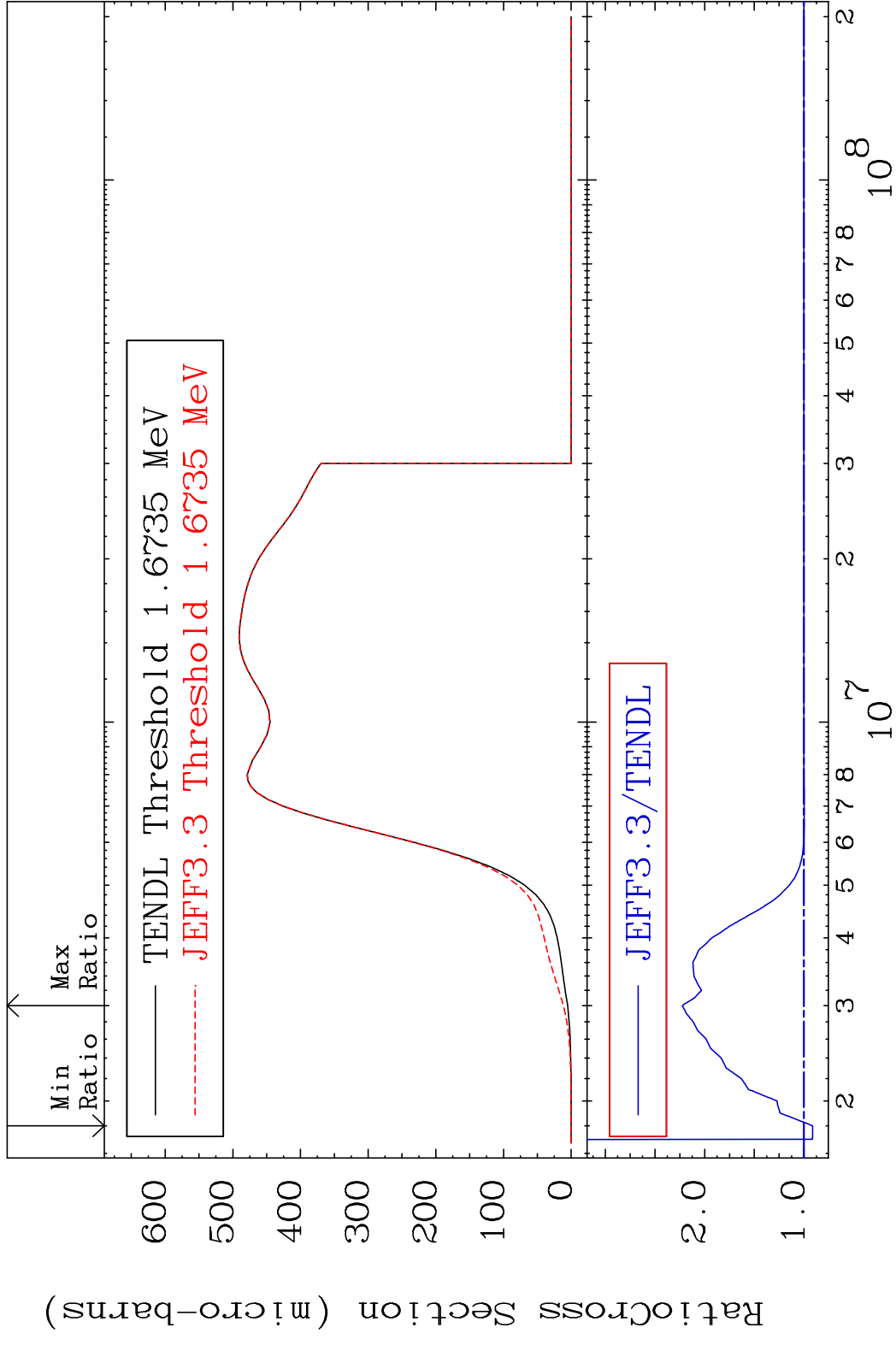


MAT 7425

MT= 75 (n, n') Level

74-W -180

Cross Section -8.614 To 122.5 %

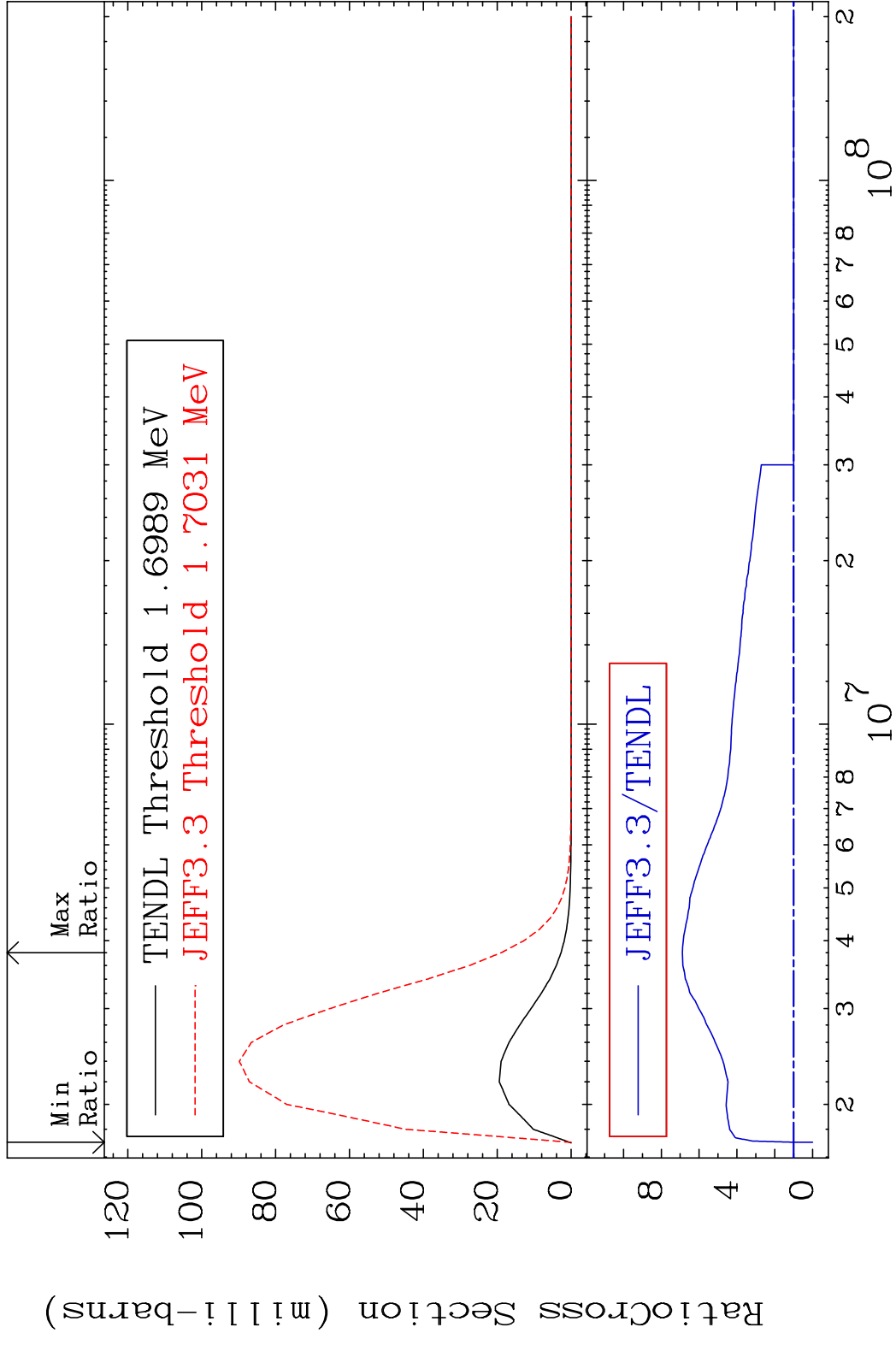


45

Incident Energy (eV)

74-W -180

MAT 7425 MT= 76 (n,n') Level 74-W -180
 Cross Section -100.0 To 588.6 %

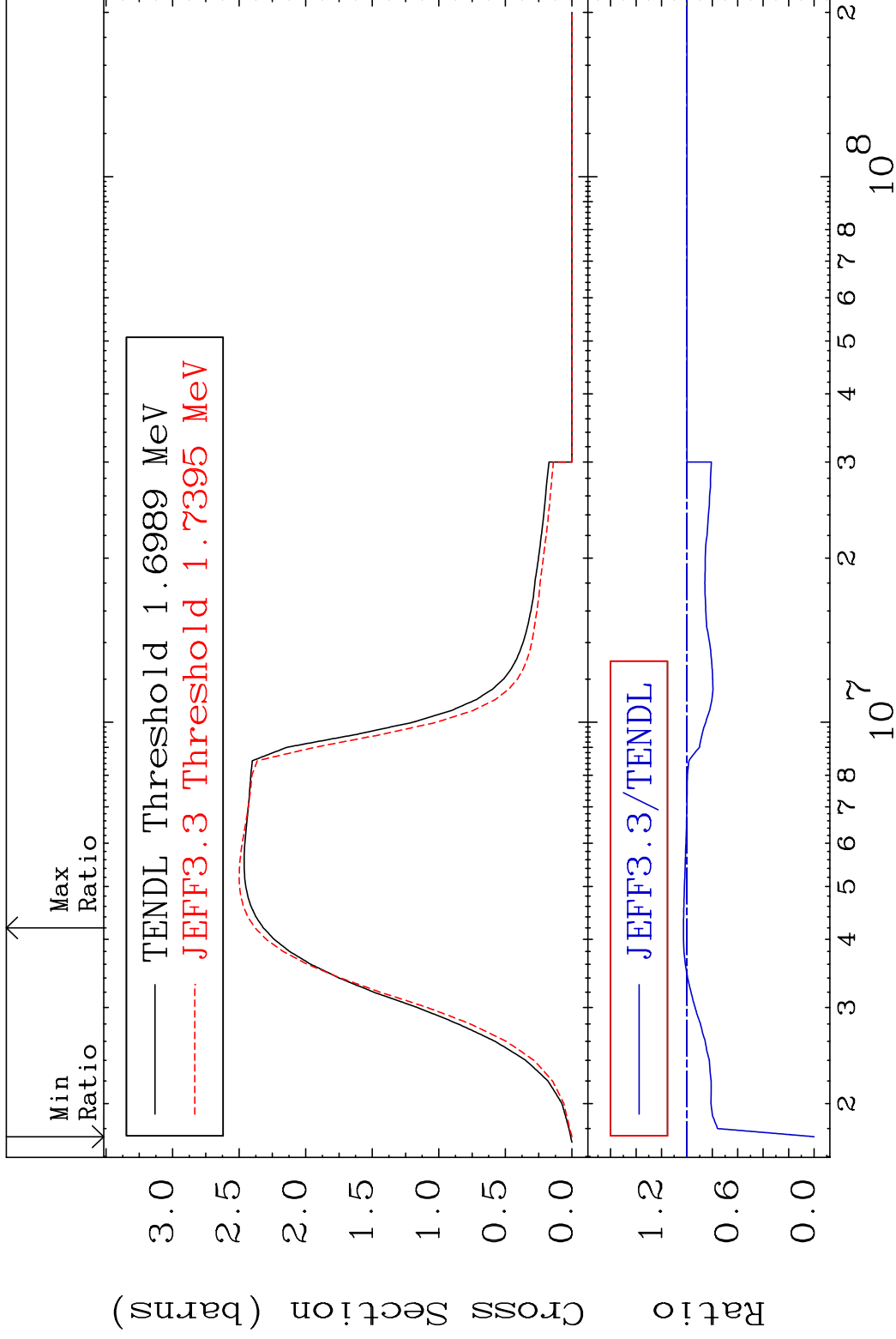


MAT 7425

(n, n') Continuum

74-W -180

Cross Section -100.0 To 2.712 %



47

Incident Energy (eV)

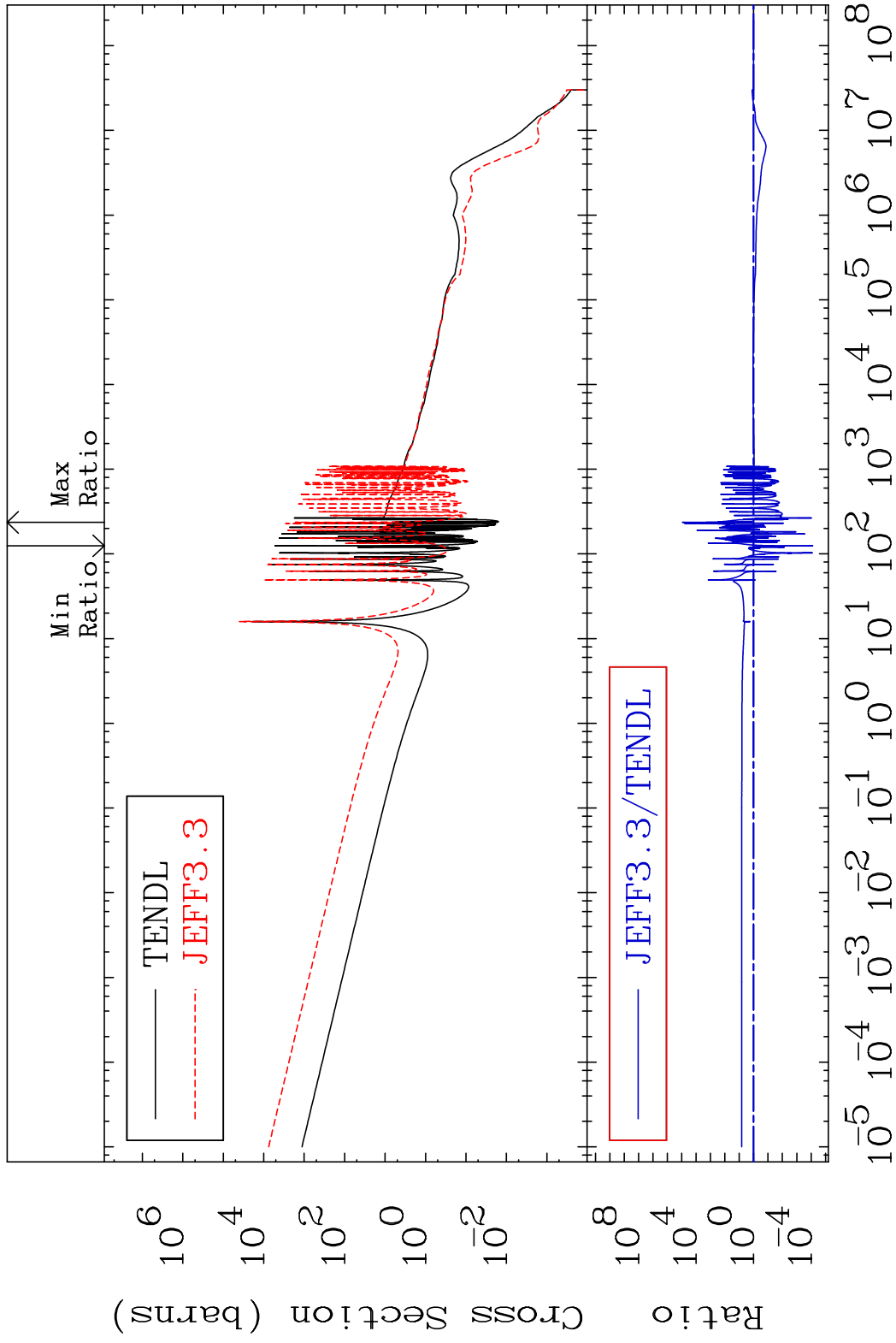
74-W -180

MAT 7425

(n, γ)

74-W -180

Cross Section -99.99 To 9999. %



48

Incident Energy (eV)

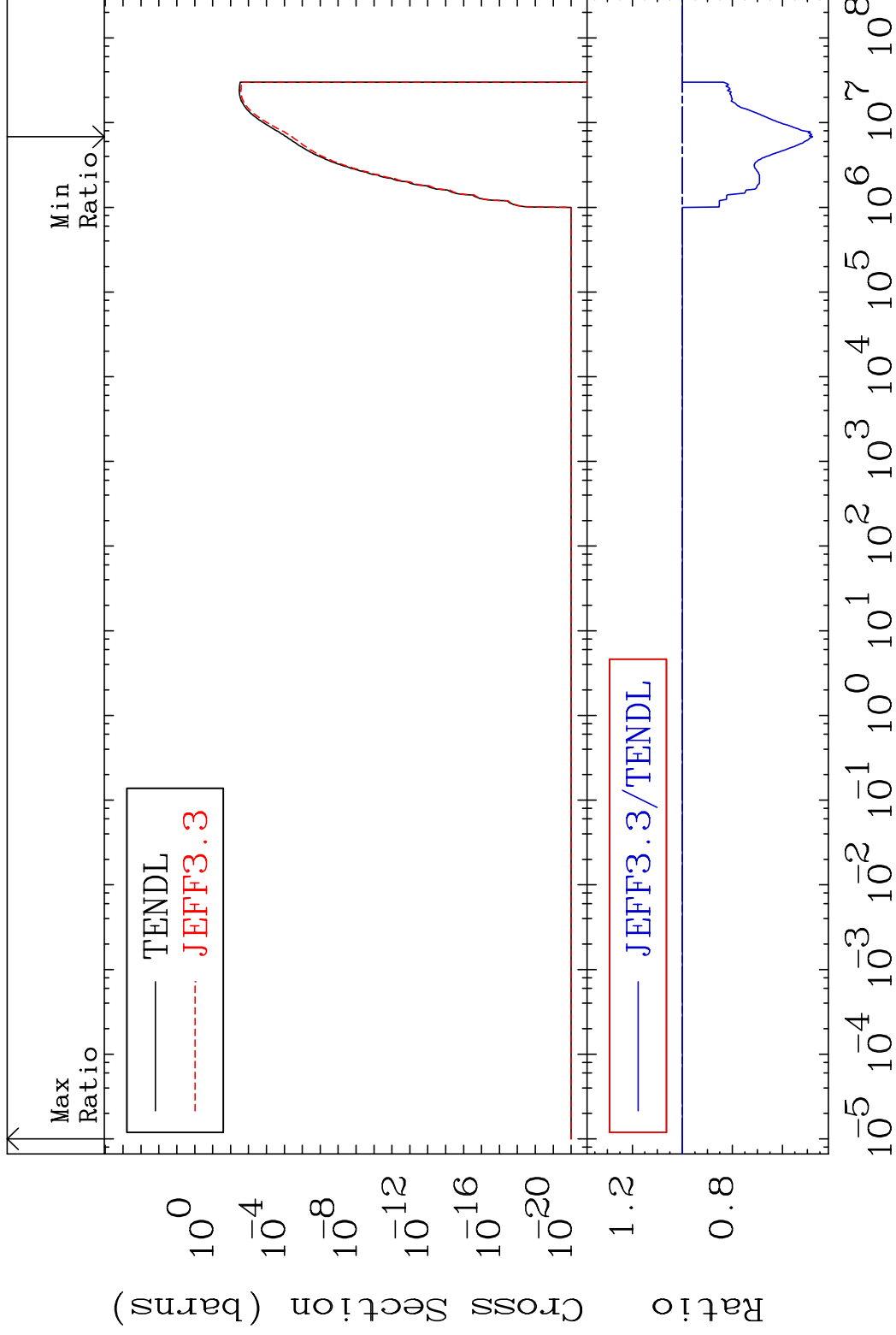
74-W -180

MAT 7425

(n, p)

74-W -180

Cross Section -52.06 To 0.000 %



49

Incident Energy (eV)

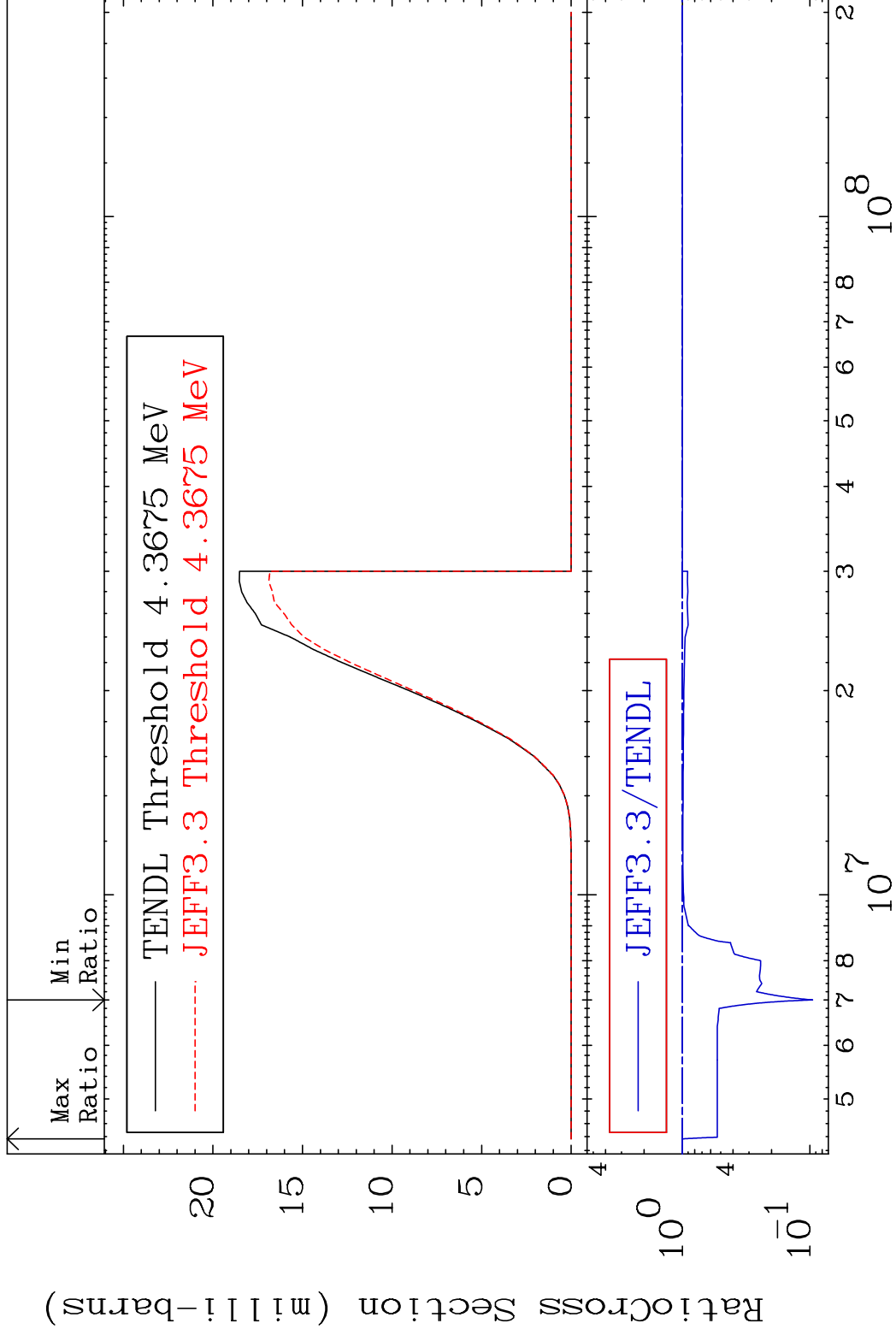
74-W -180

MAT 7425

(n, d)

74-W -180

Cross Section -90.47 To 0.000 %



50

Incident Energy (eV)

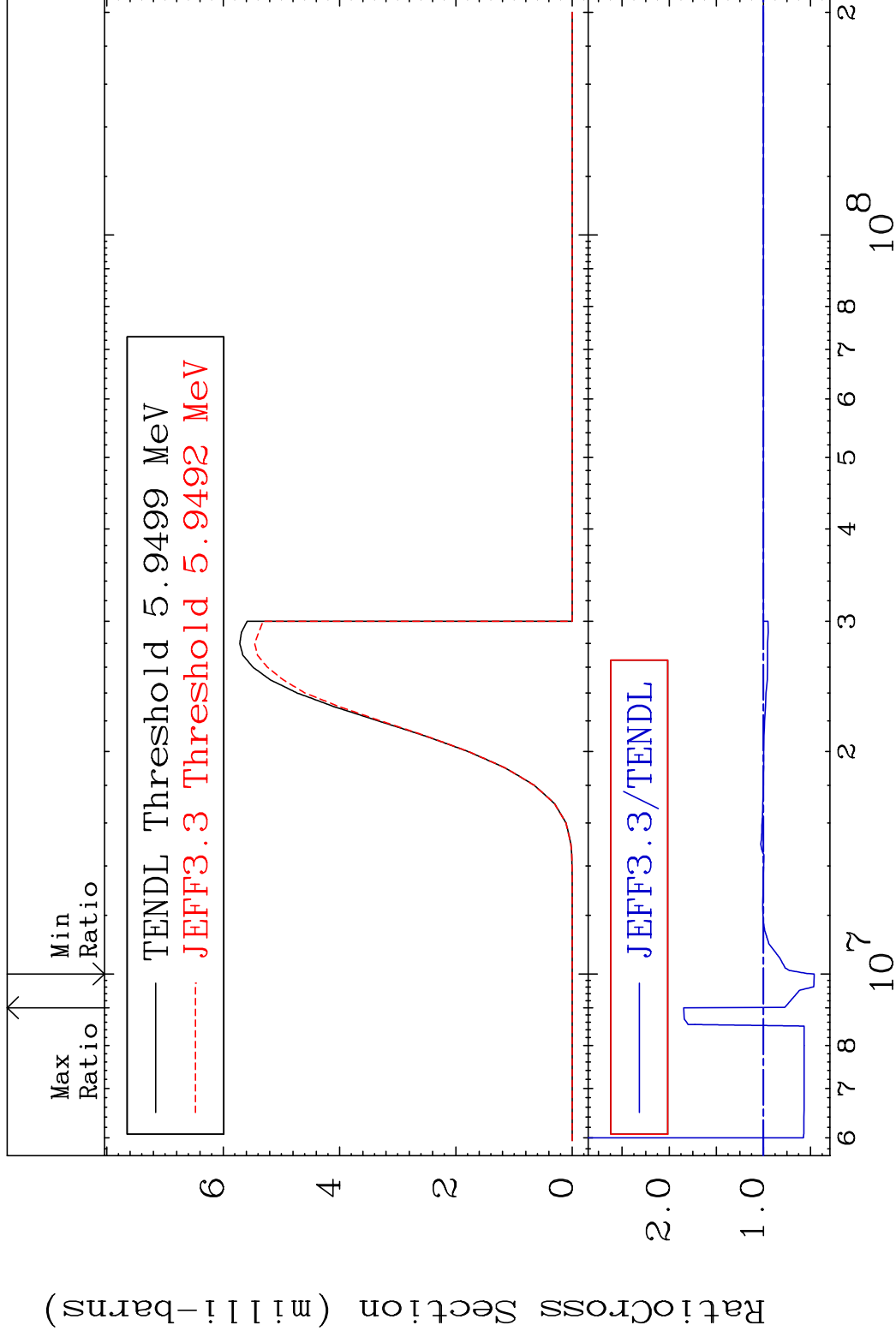
74-W -180

MAT 7425

(n, t)

74-W -180

Cross Section -53.86 To 84.65 %

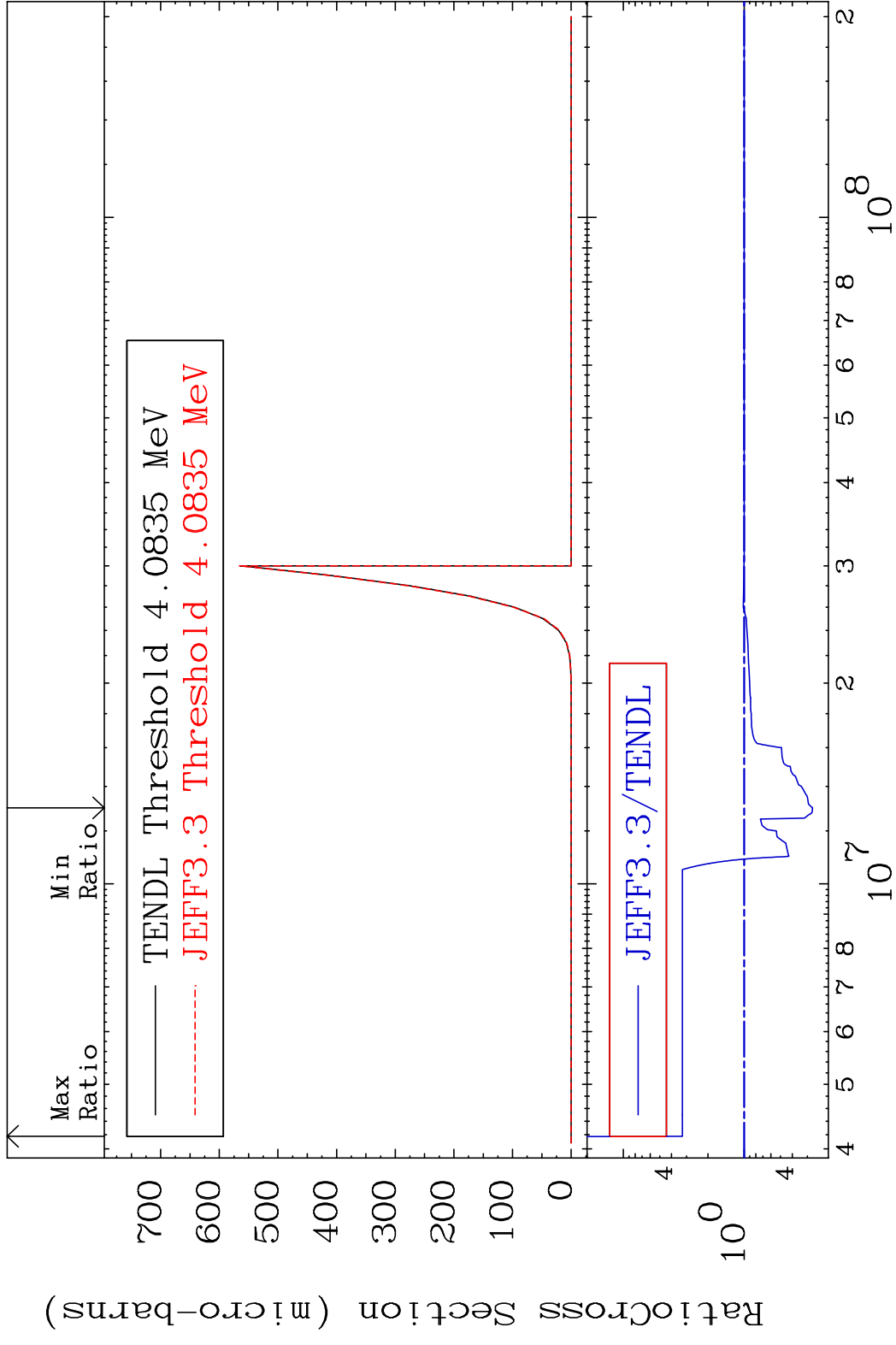


51

Incident Energy (eV)

74-W -180

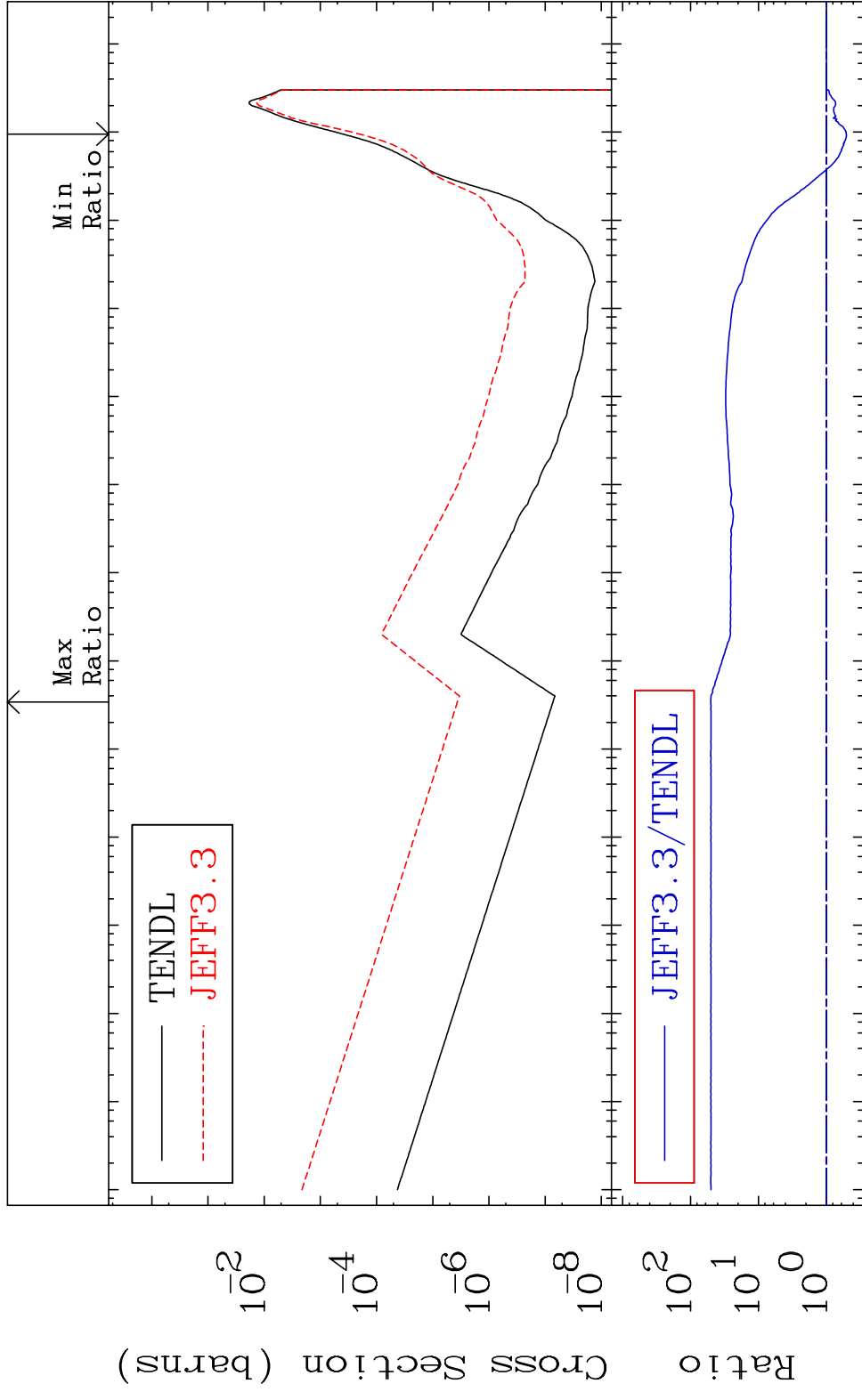
MAT 7425 (n, He-3) 74-W -180
 Cross Section -72.85 To 225.1 %



MAT 7425

74-W -180

(n, α)
Cross Section -49.23 To 4940. %

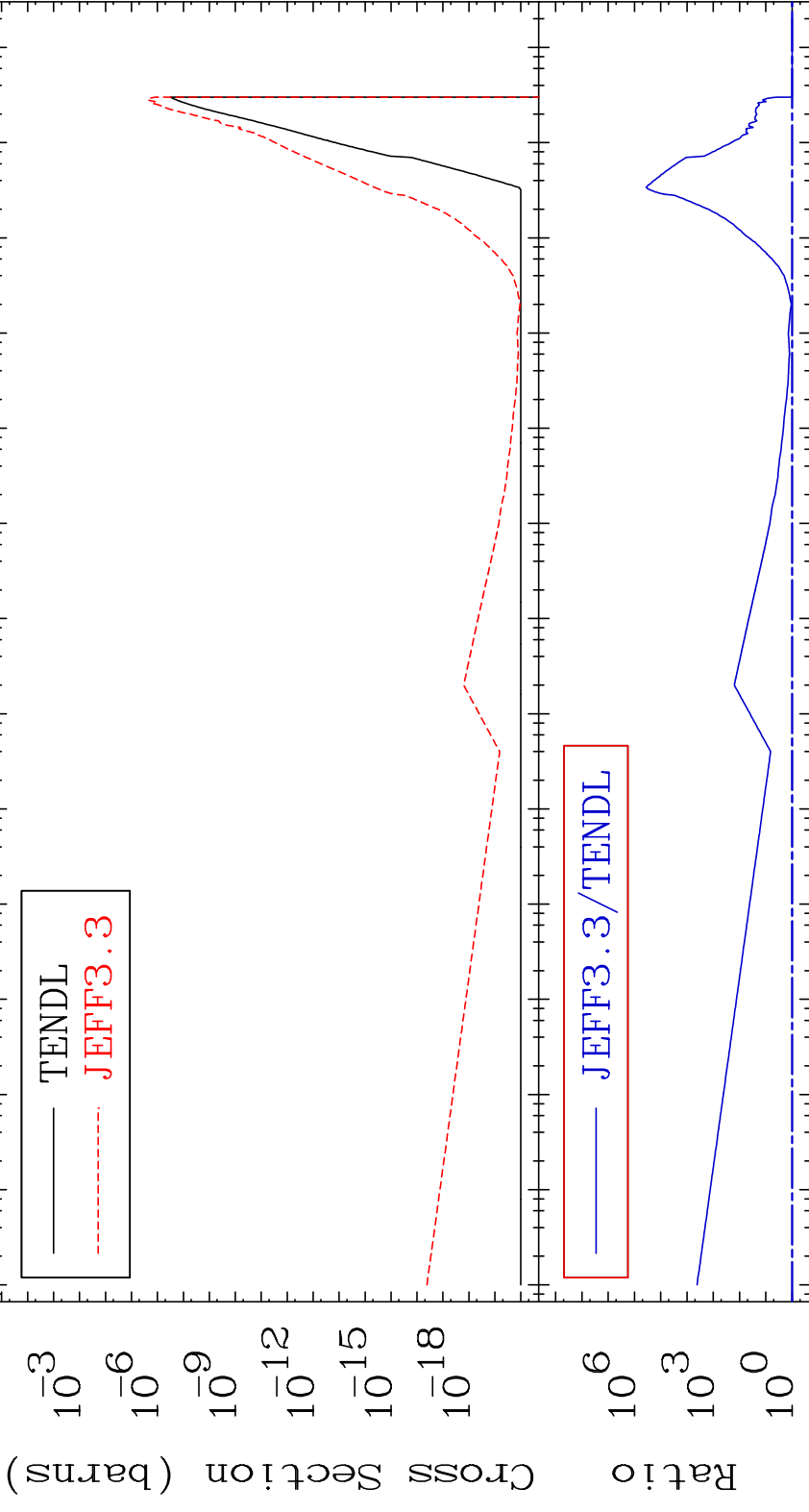


MAT 7425

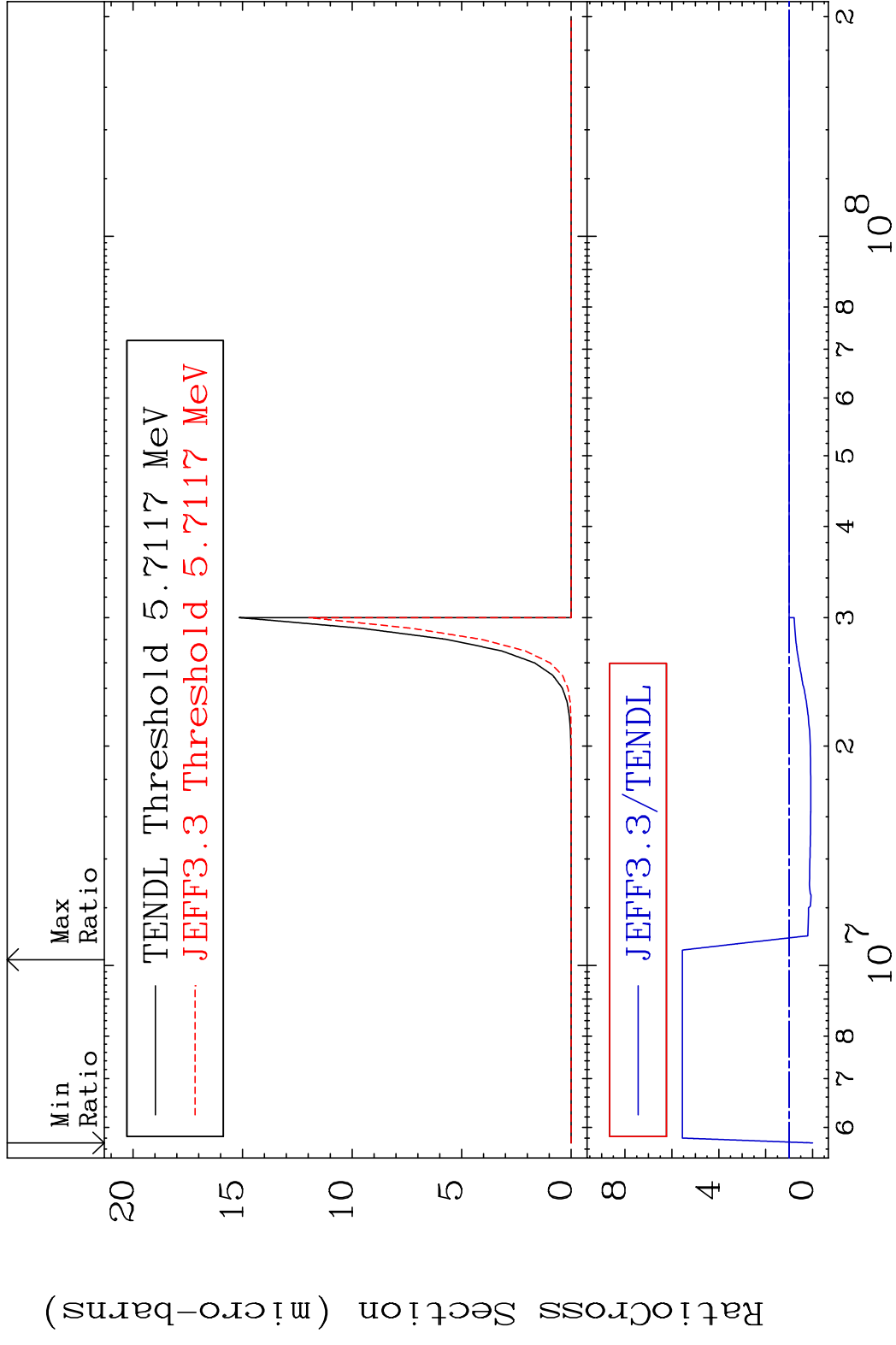
(n,2α)

Cross Section 0.000 To 9999. %

74-W -180



MAT 7425 (n,2p) 74-W -180
 Cross Section -100.0 To 455.4 %



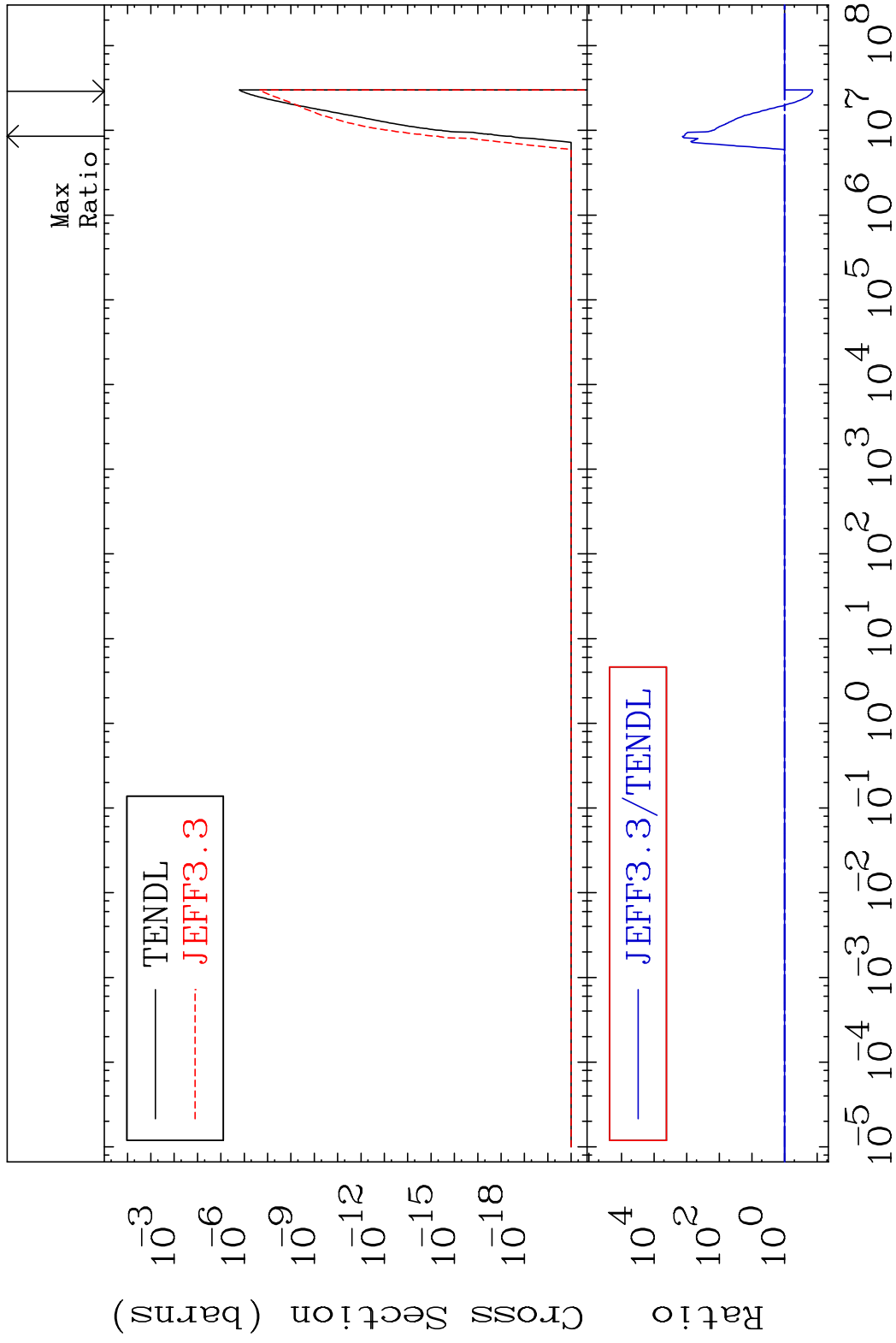
55 Incident Energy (eV) 74-W -180

MAT 7425

(n,p) α

74-W -180

Cross Section -86.18 To 9999. %

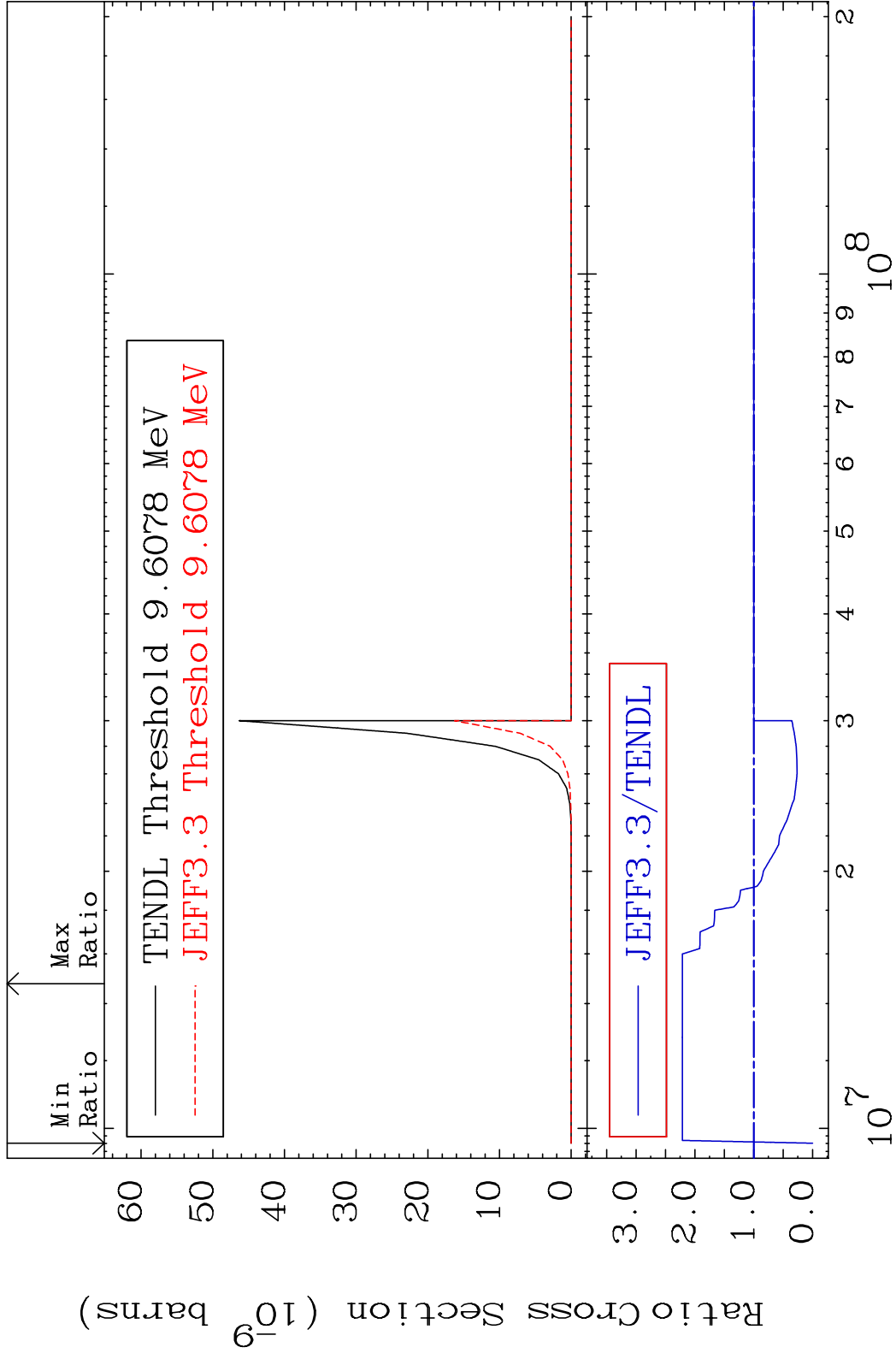


56

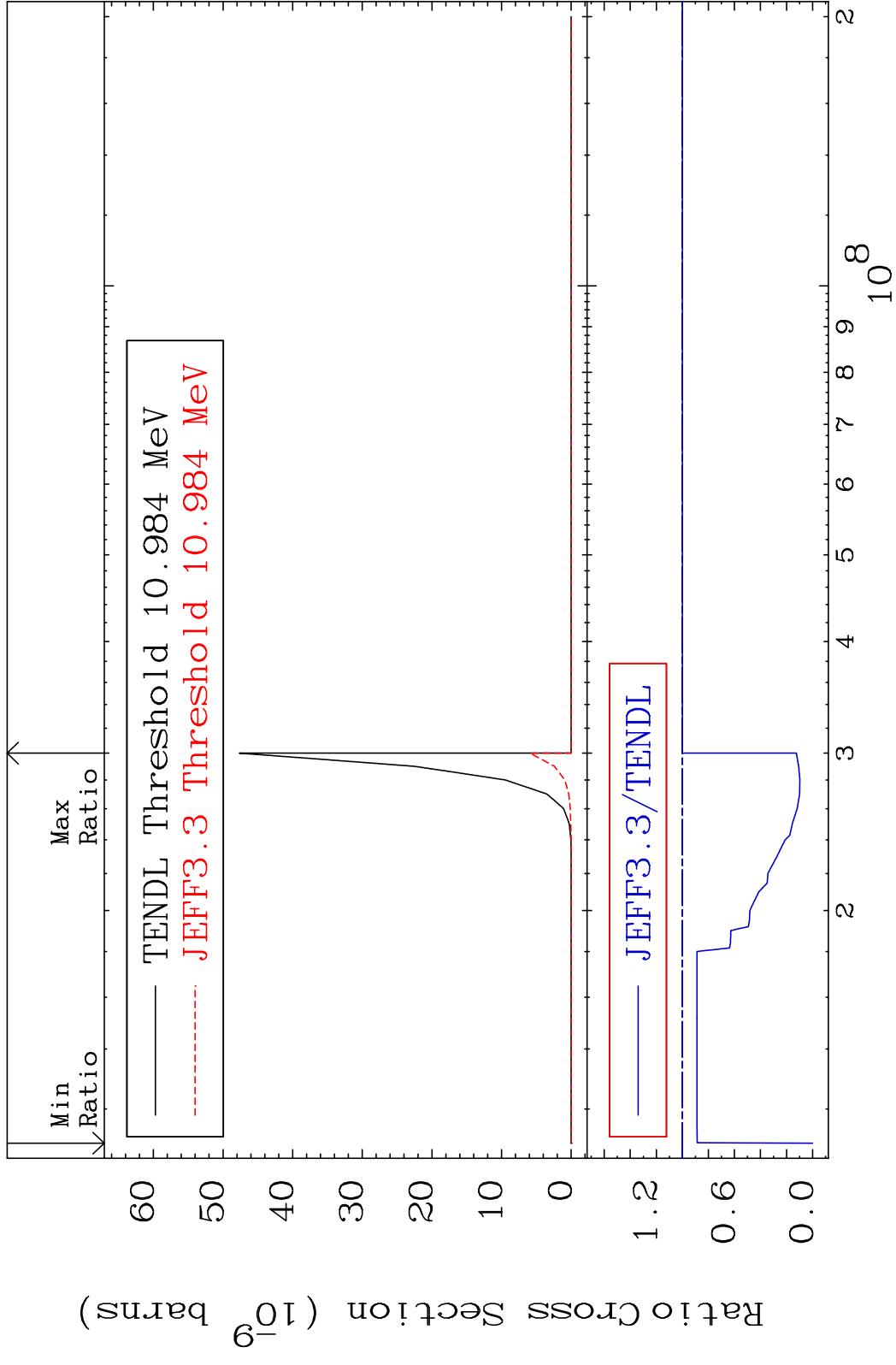
Incident Energy (eV)

74-W -180

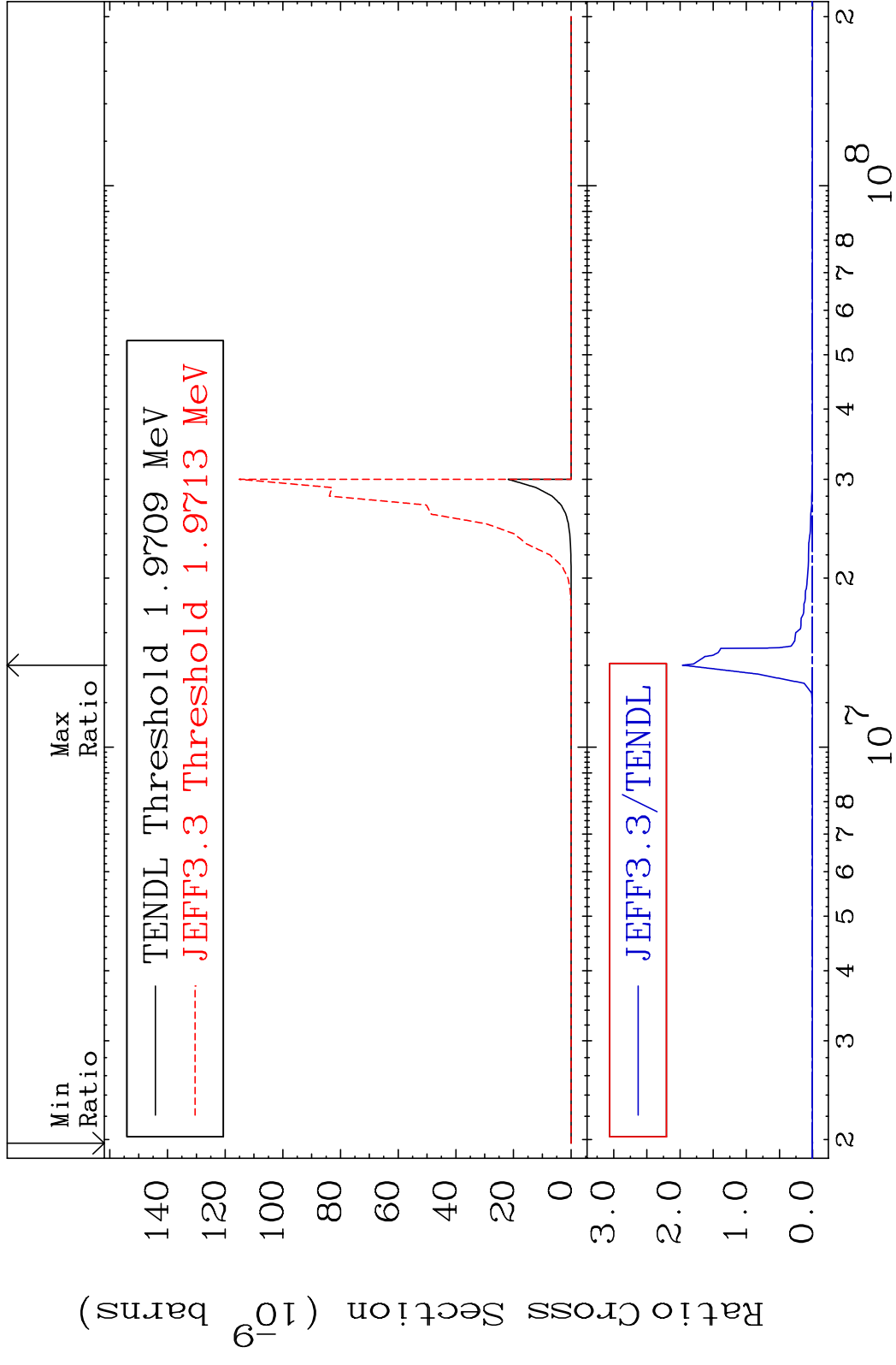
MAT 7425 (n,p) d 74-W -180
 Cross Section -100.0 To 121.3 %



MAT 7425 (n,p) t 74-W -180
 Cross Section -100.0 To 0.000 %



MAT 7425 (n,d) α 74-W -180
 Cross Section -100.0 To 9999. %



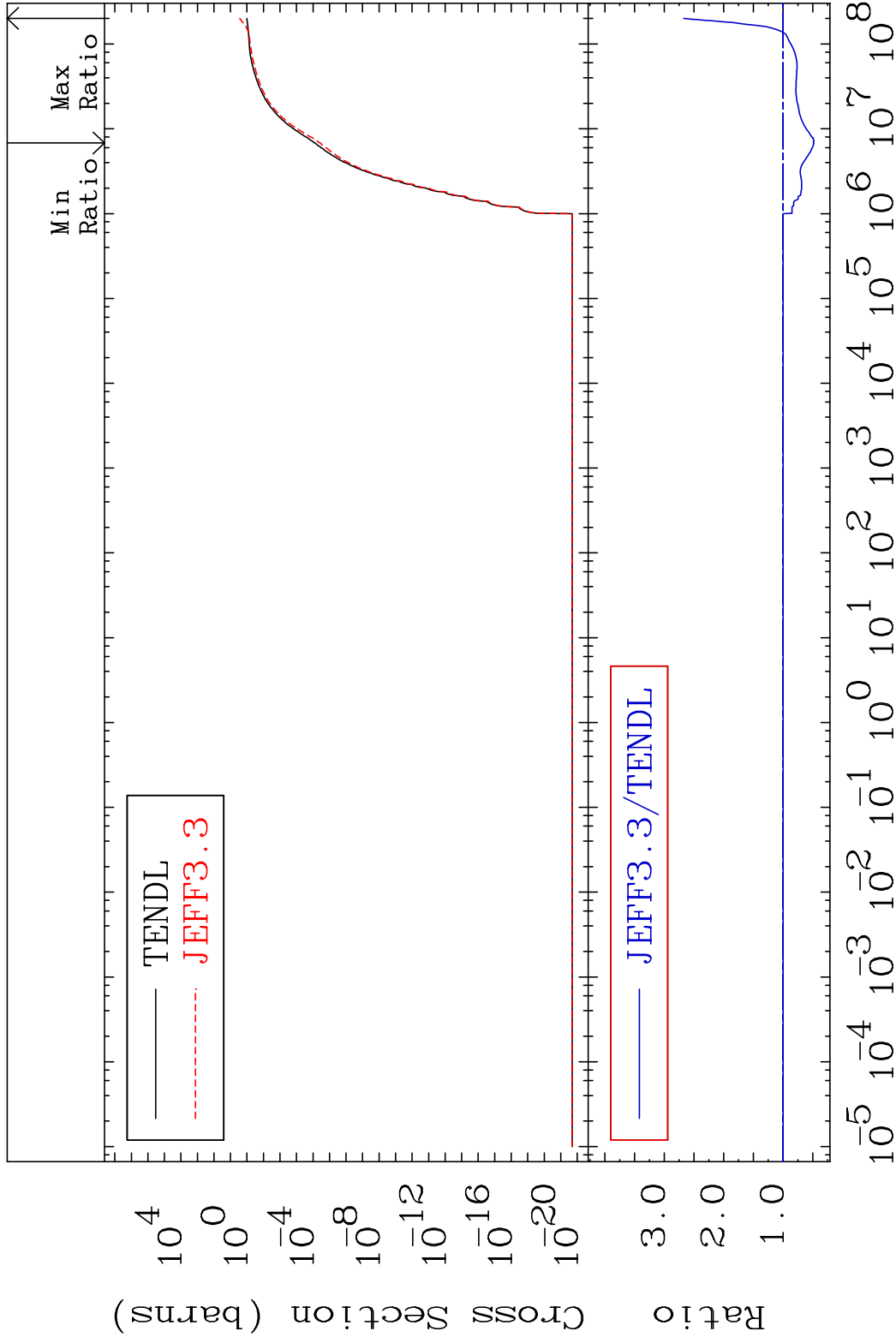
59 Incident Energy (eV) 74-W -180

MAT 7425

Hydrogen Production

74-W -180

Cross Section -52.06 To 167.5 %

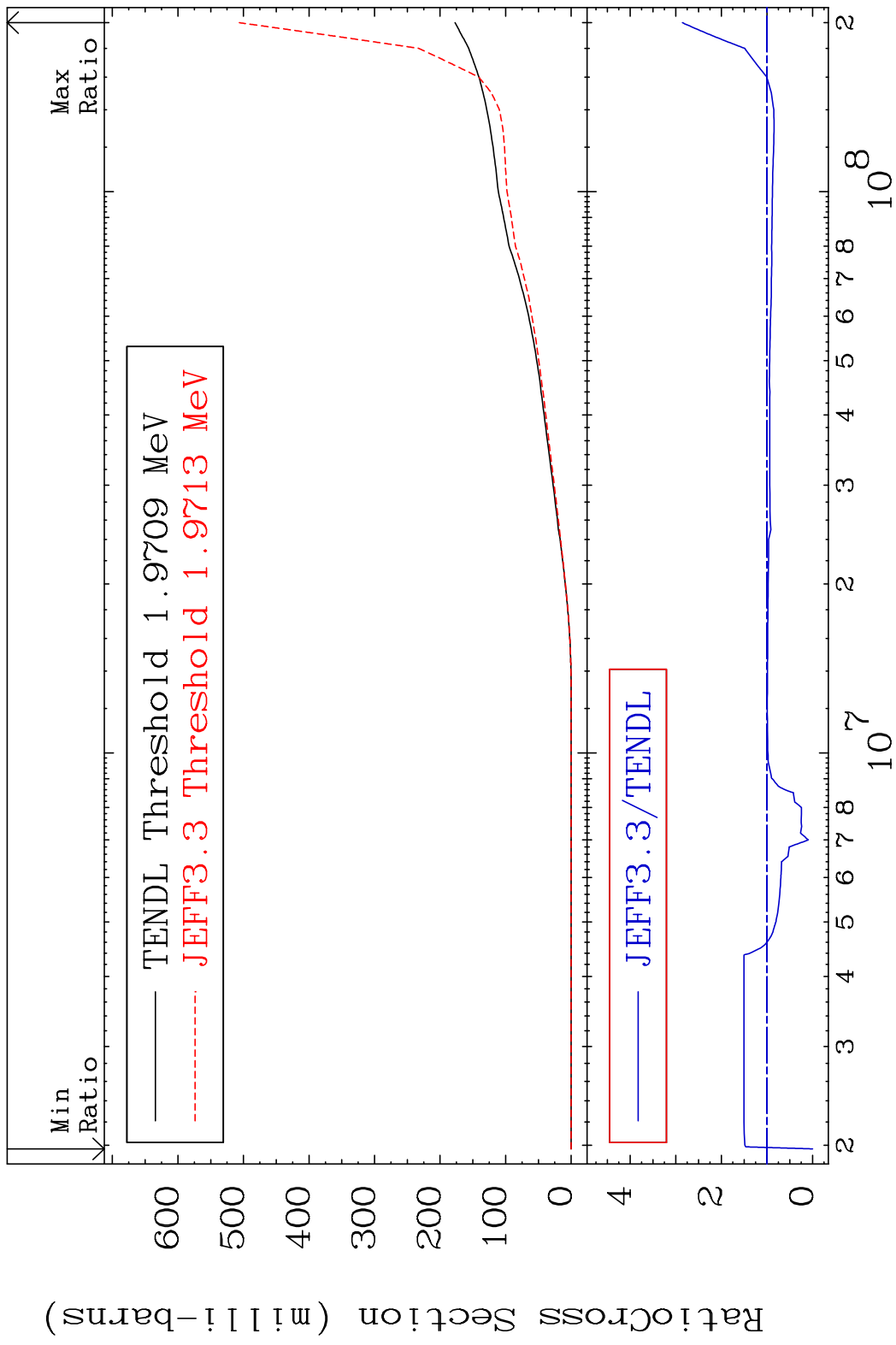


60

Incident Energy (eV)

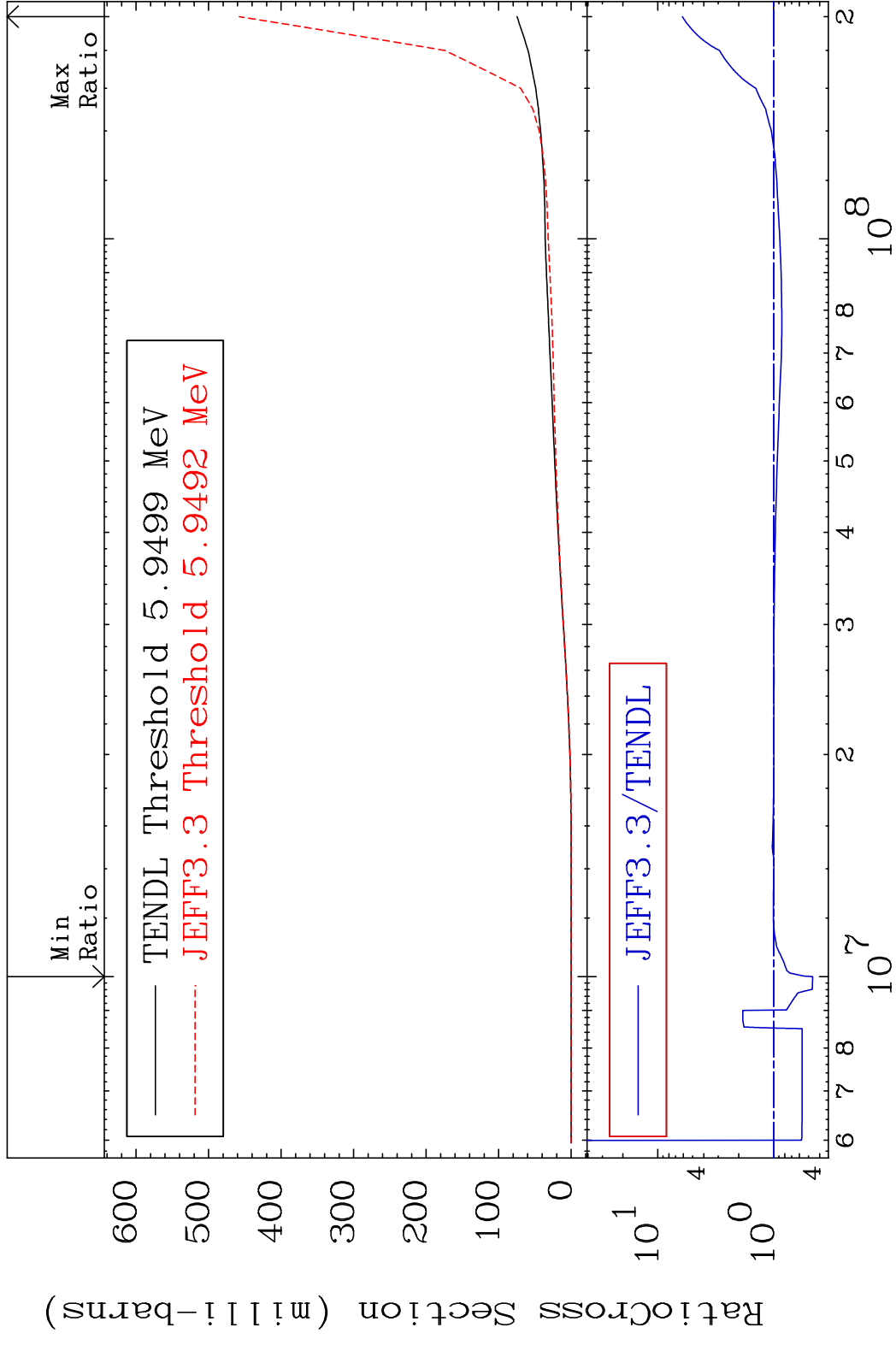
74-W -180

MAT 7425 Deuterium Production 74-W -180
 Cross Section -100.0 To 185.6 %



MAT 7425

Tritium Production 74-W -180
Cross Section -53.86 To 512.6 %

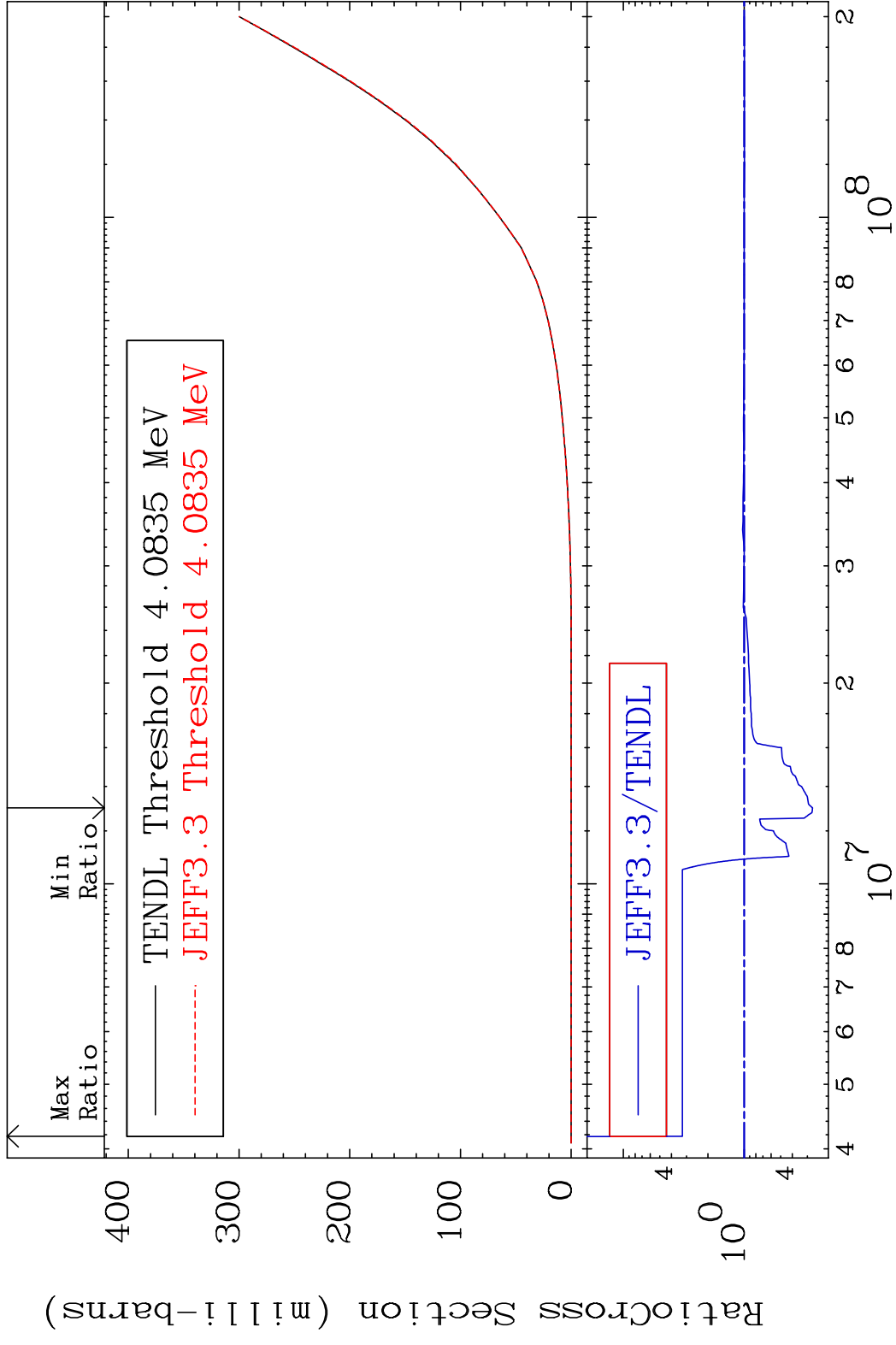


MAT 7425

He-3 Production

74-W -180

Cross Section -72.82 To 225.1 %



63

Incident Energy (eV)

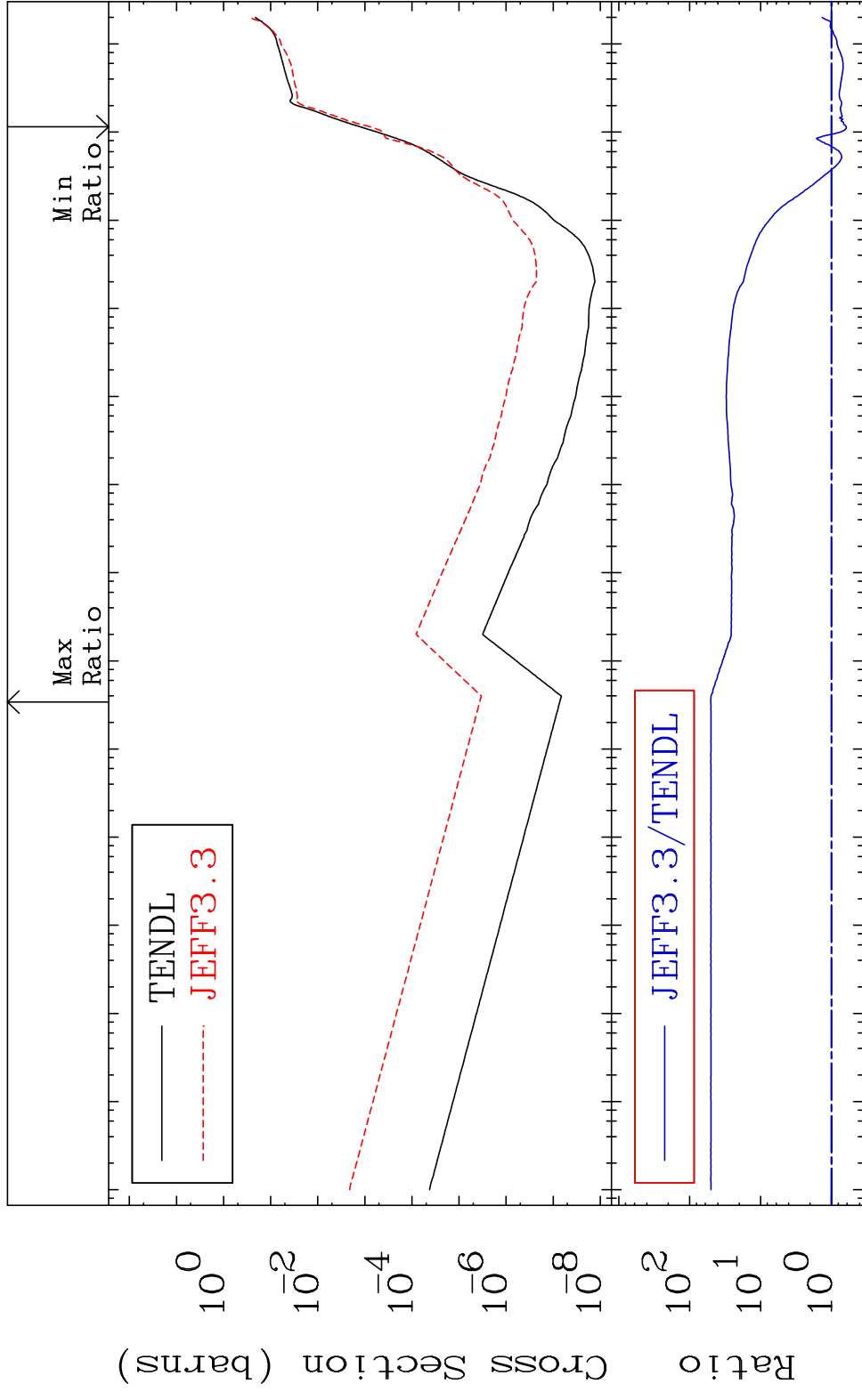
74-W -180

MAT 7425

He-4 Production

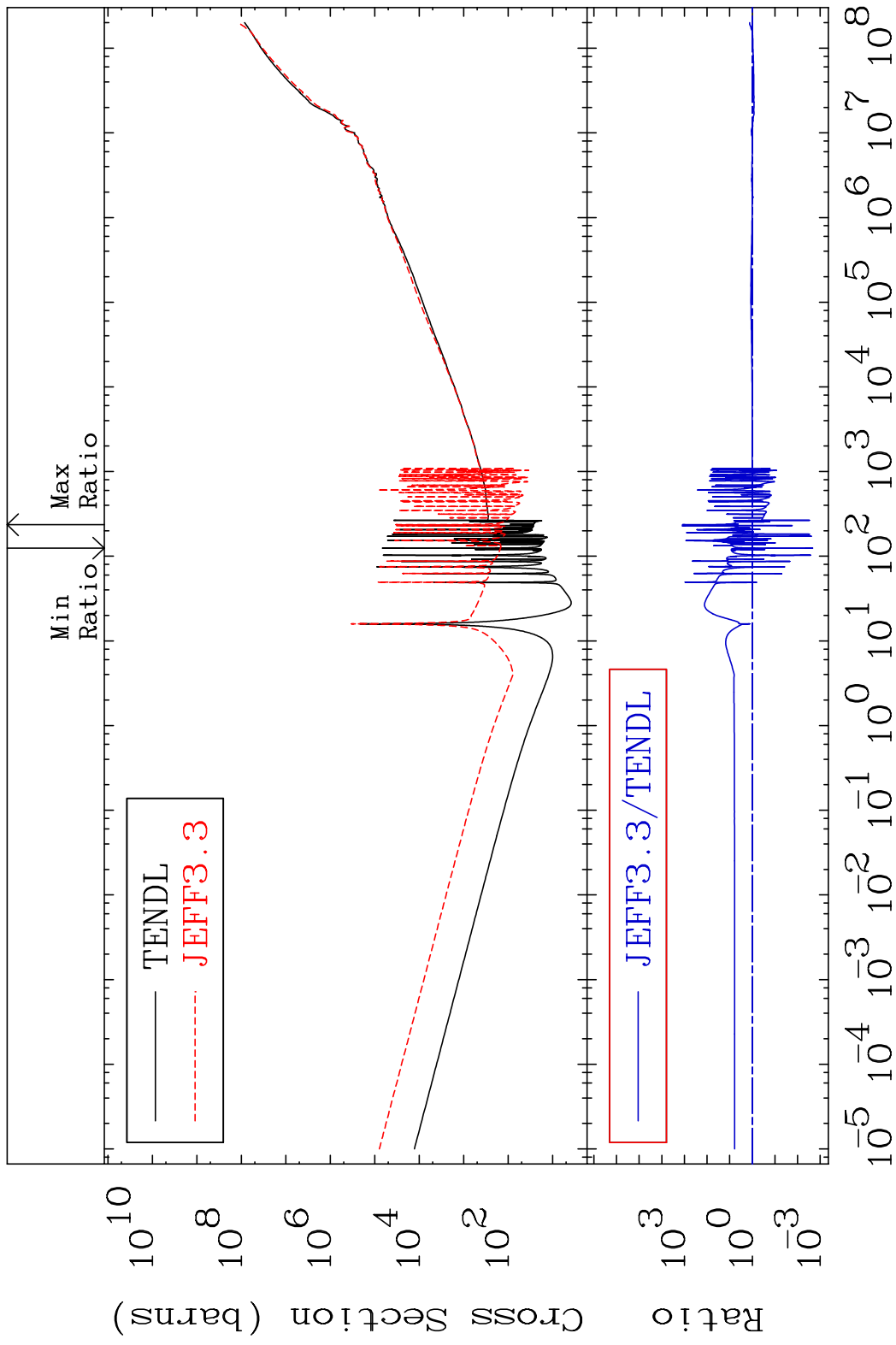
74-W -180

Cross Section -38.38 To 4940. %



10⁰
10⁻²
10⁻⁴
10⁻⁶
10⁻⁸
10²
10¹
10⁰
10⁻⁵ 10⁻⁴ 10⁻³ 10⁻² 10⁻¹ 10⁰ 10¹ 10² 10³ 10⁴ 10⁵ 10⁶ 10⁷ 10⁸

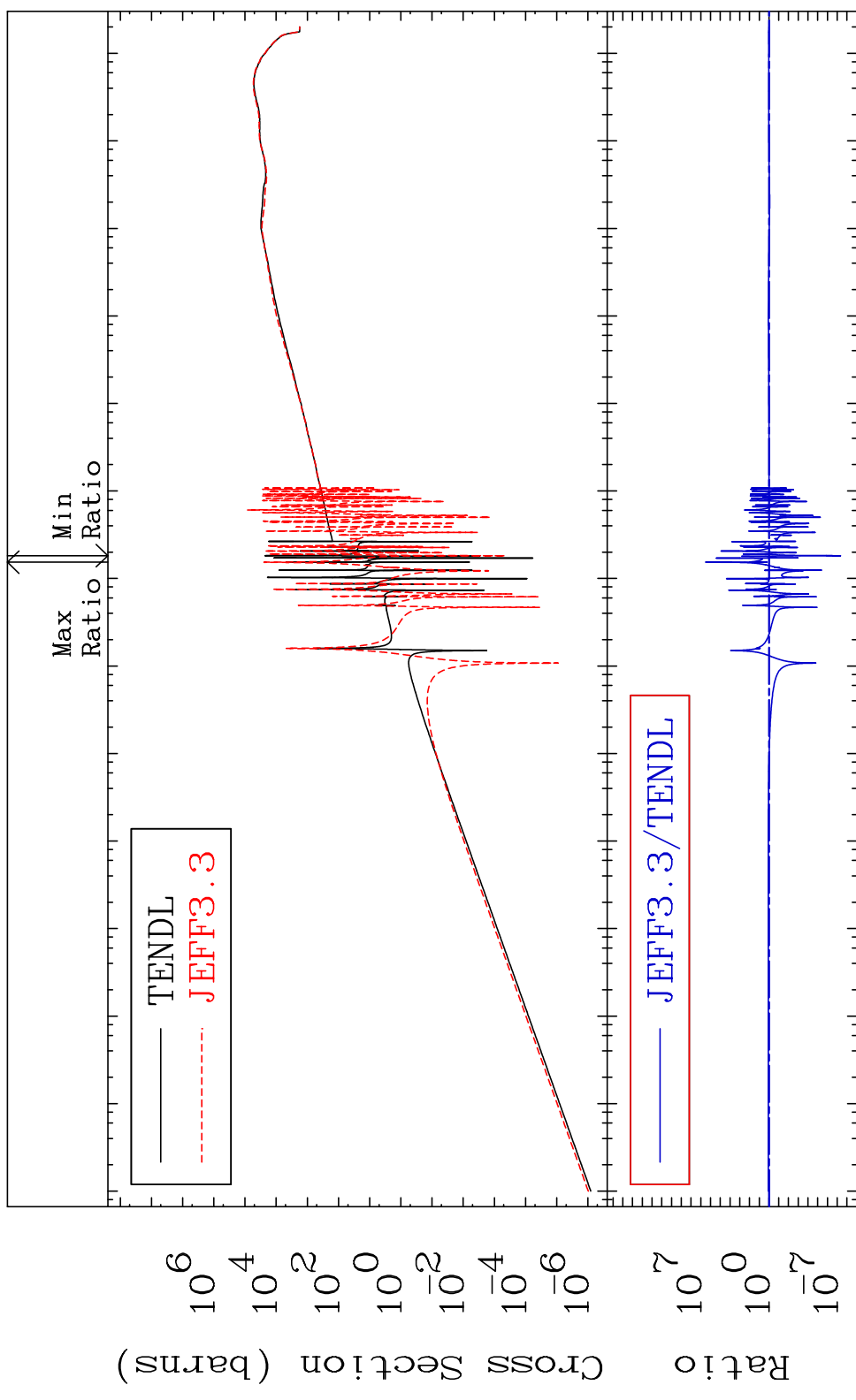
MAT 7425 Kerma total (eV-barns) 74-W -180
 Cross Section -99.78 To 9999. %



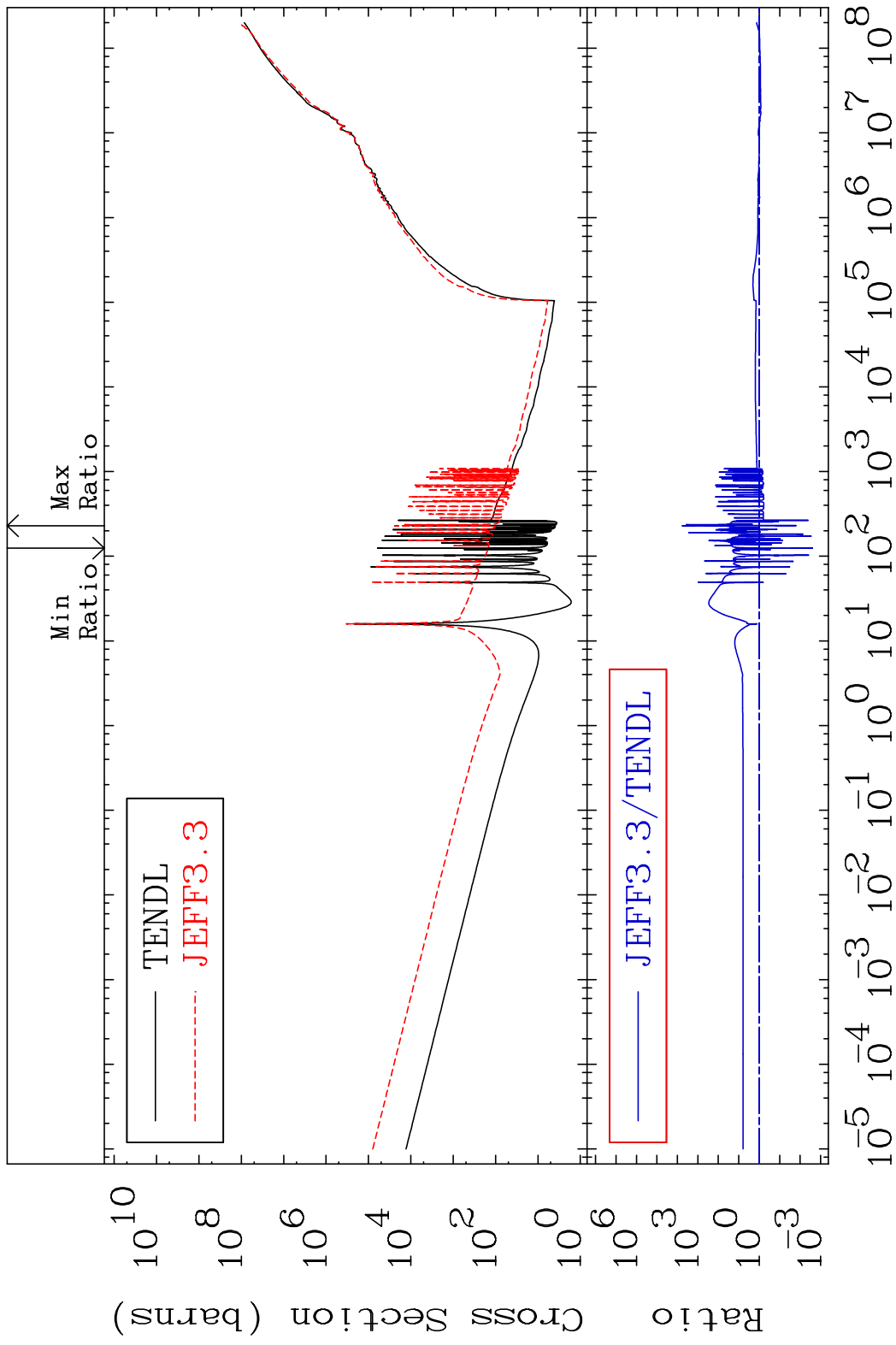
65 Incident Energy (eV) 74-W -180

MAT 7425

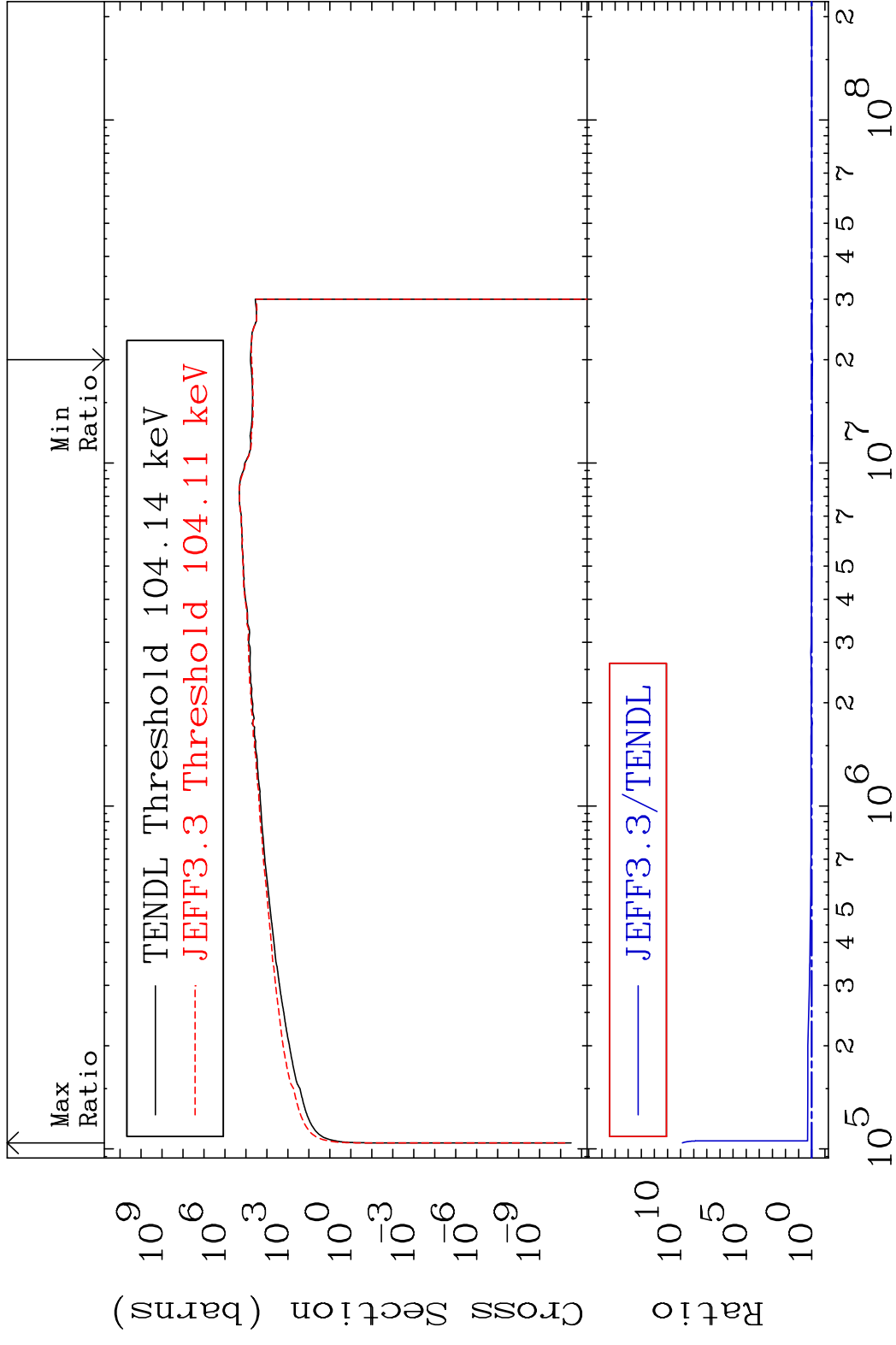
Kerma elastic
Cross Section -100.0 To 9999. %
74-W -180



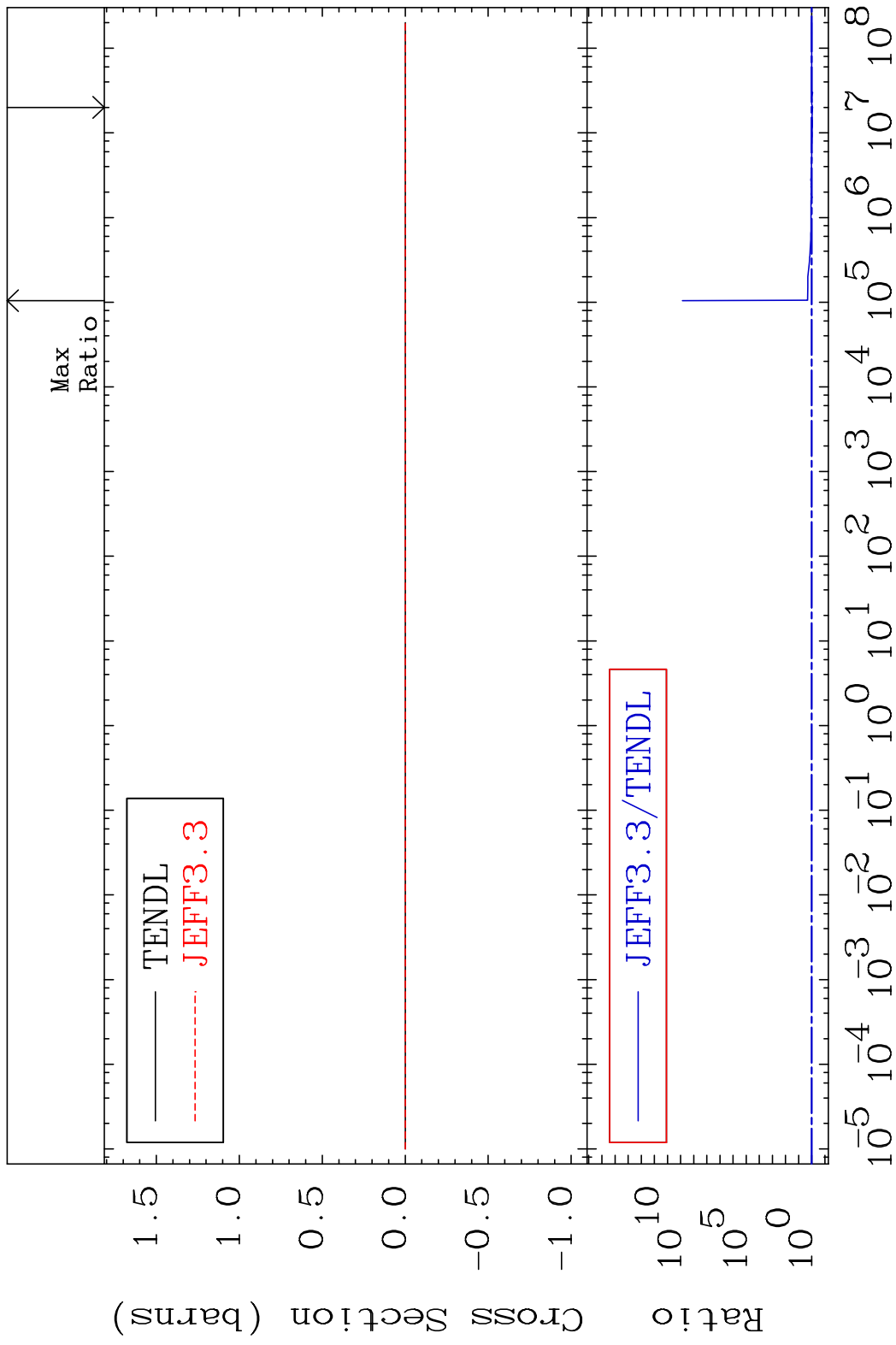
MAT 7425 Kerma non-elastic (all but mt2) 74-W -180
 Cross Section -99.75 To 9999. %



MAT 7425 Kerma inelastic (mt51-91) 74-W -180
 Cross Section -12.56 To 9999. %

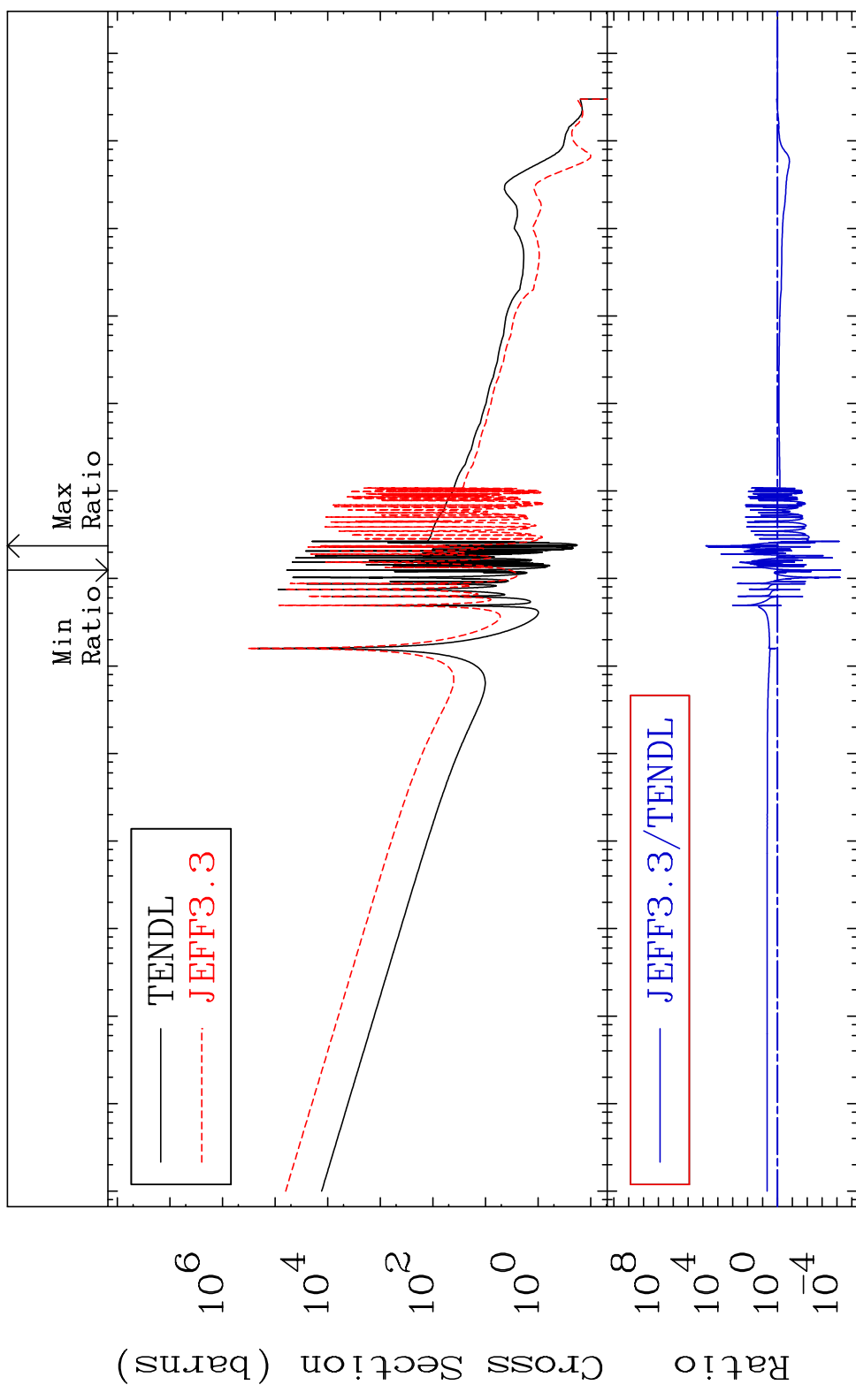


MAT 7425 Kerma fission (mt18 or mt19-20-21-38)74-W -180
 Cross Section -12.56 To 9999. %



MAT 7425

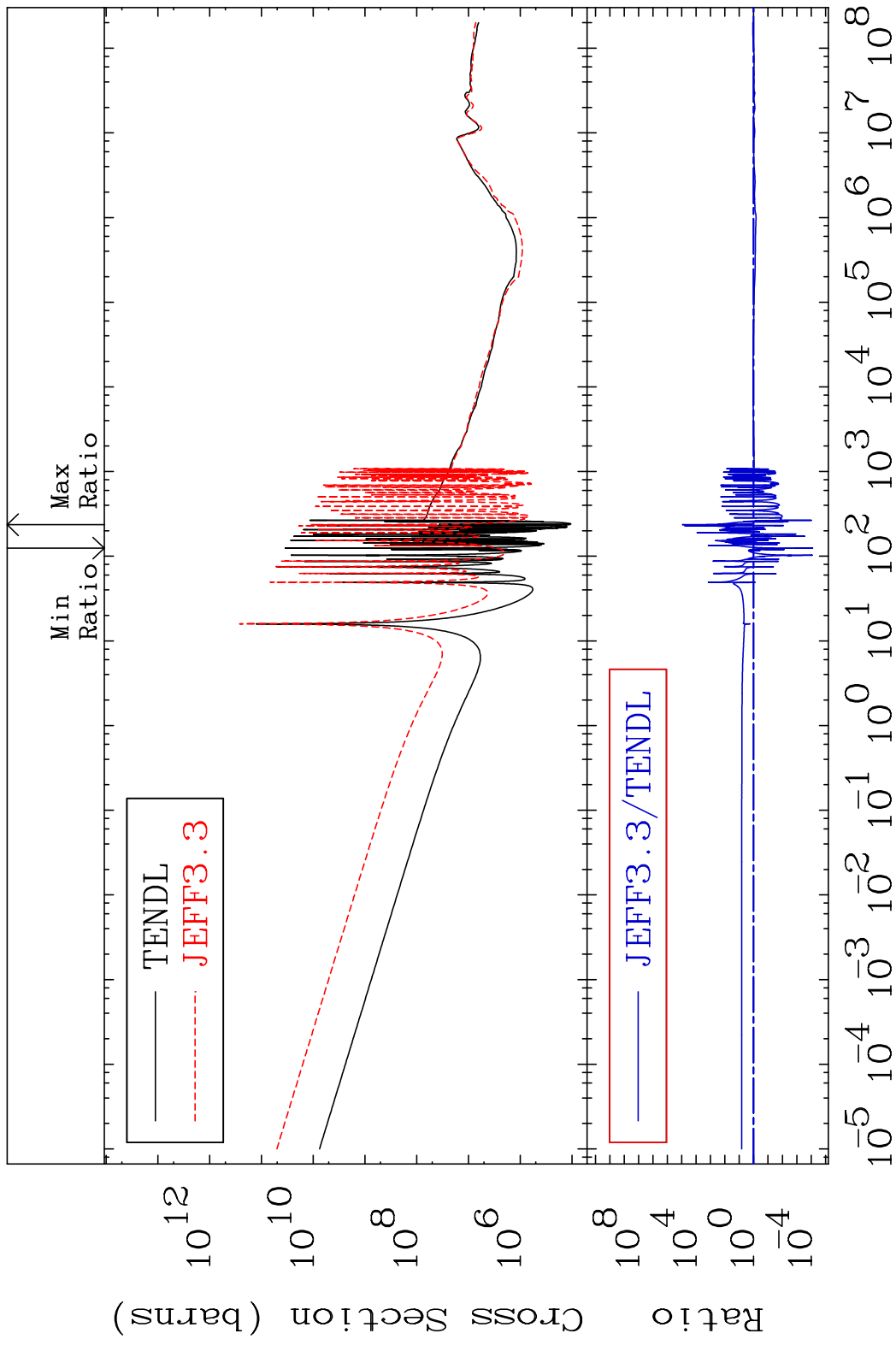
Kerma capture (mt102) 74-W -180
Cross Section -99.99 To 9999. %



70

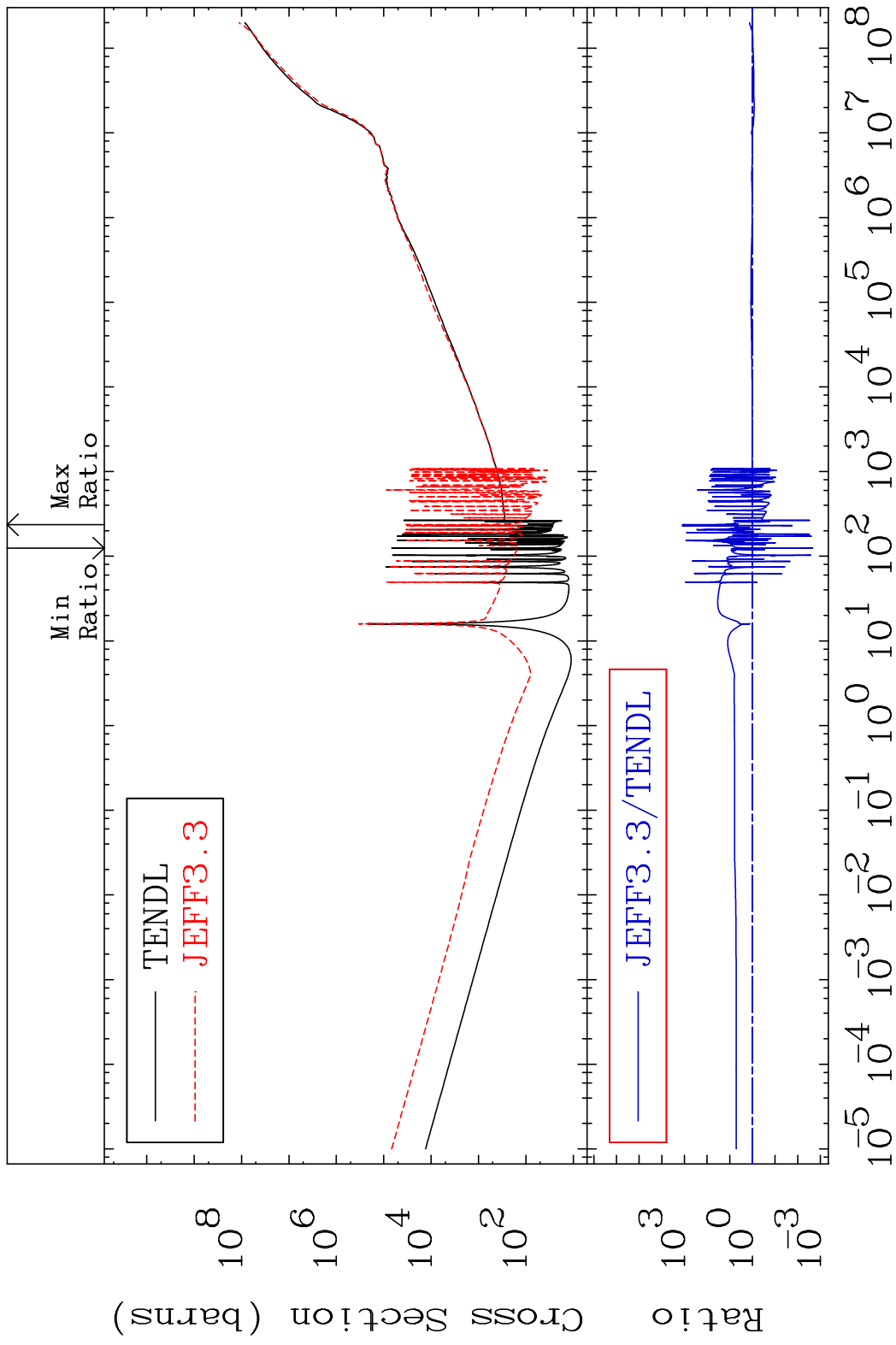
Incident Energy (eV) 74-W -180

MAT 7425 Total photon (eV-barns) 74-W -180
 Cross Section -99.99 To 9999. %

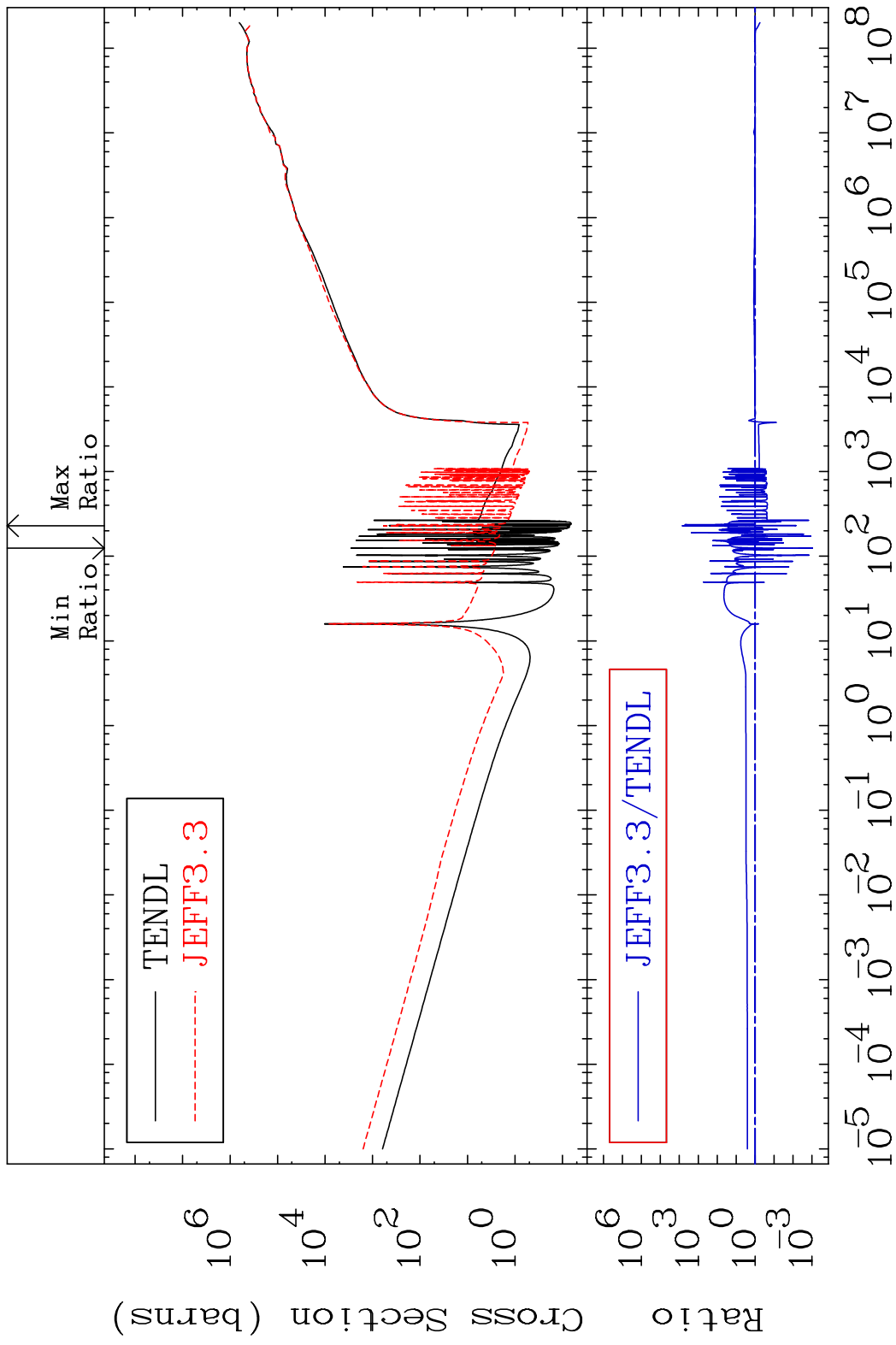


71 Incident Energy (eV) 74-W -180

MAT 7425 Total kinematic kerma (high limit) 74-W -180
 Cross Section -99.78 To 9999. %



MAT 7425 Dpa total (eV-barns) 74-W -180
 Cross Section -99.91 To 9999. %



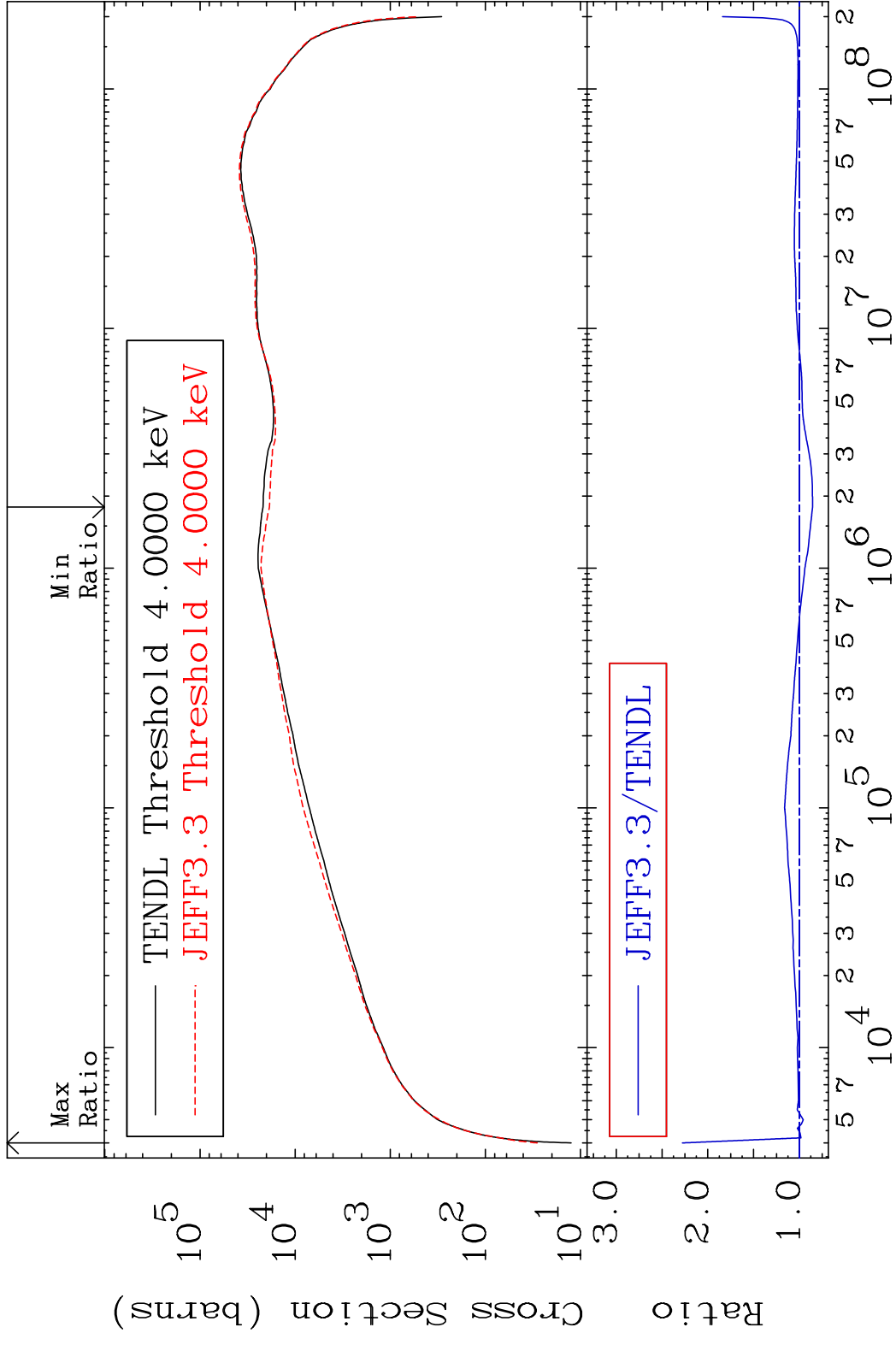
73 Incident Energy (eV) 74-W -180

MAT 7425

Dpa elastic (mt2)

74-W -180

Cross Section -14.41 To 127.8 %



74

Incident Energy (eV)

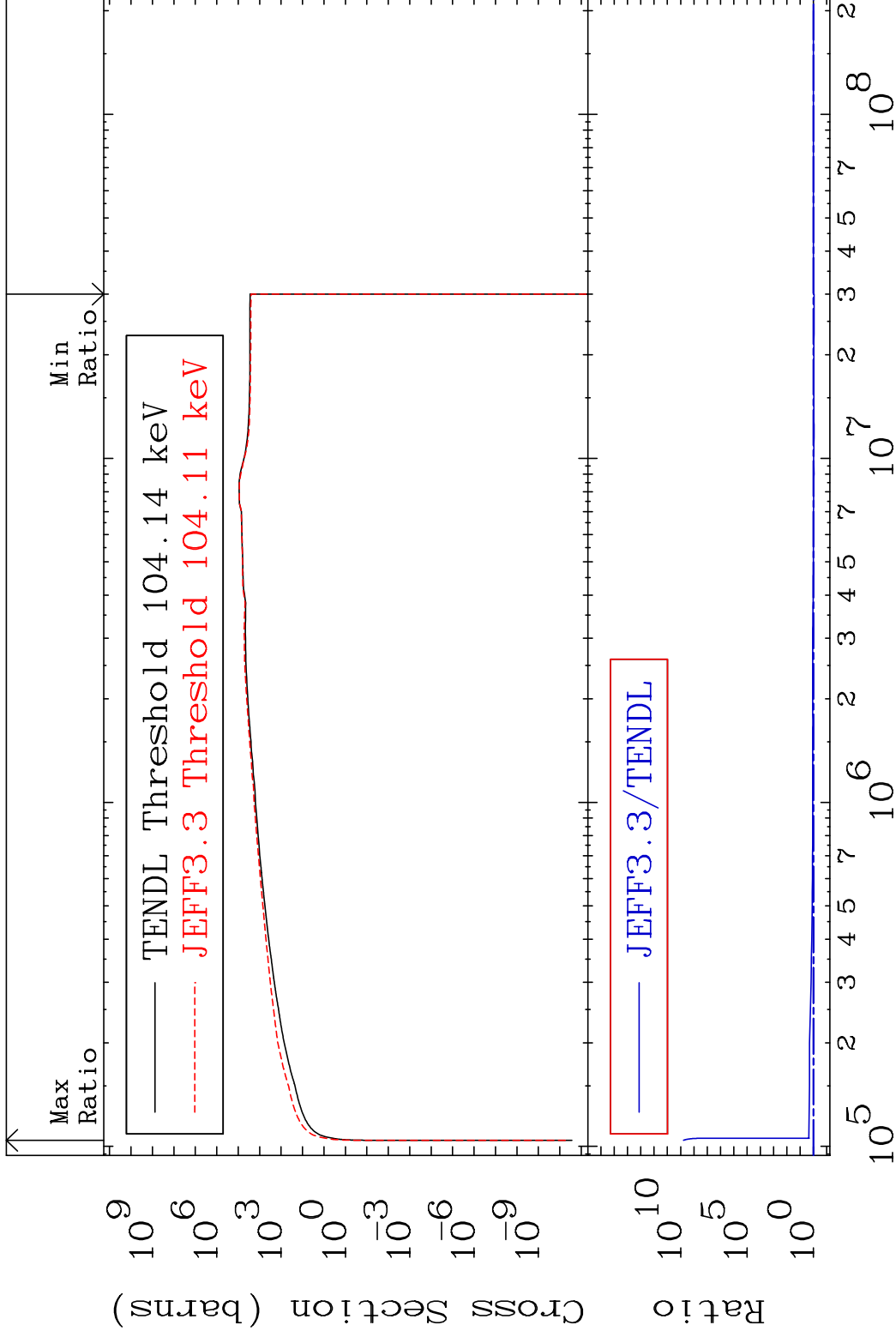
74-W -180

MAT 7425

Dpa inelastic (mt51-91)

74-W -180

Cross Section -9.237 To 9999. %

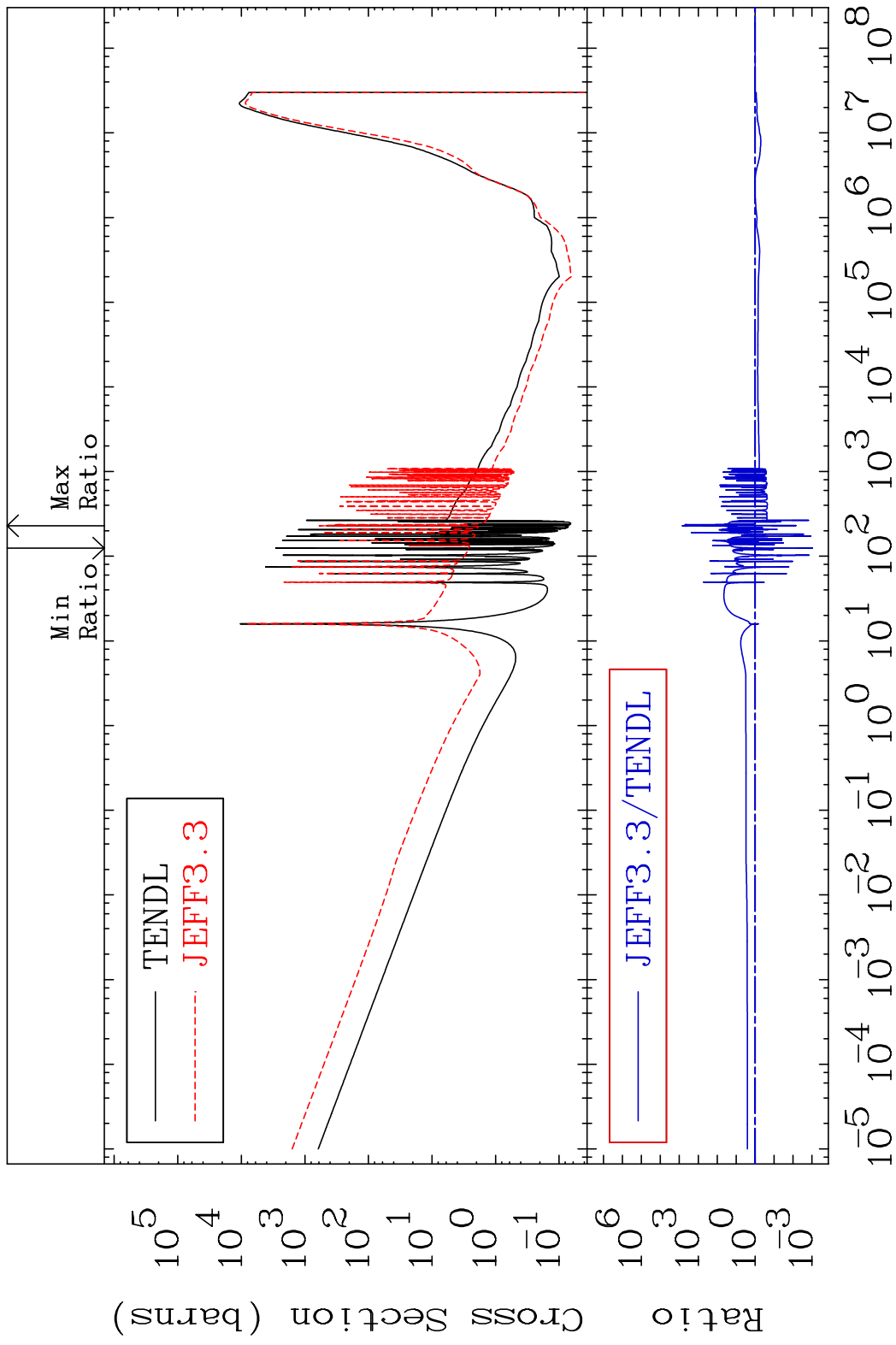


75

Incident Energy (eV)

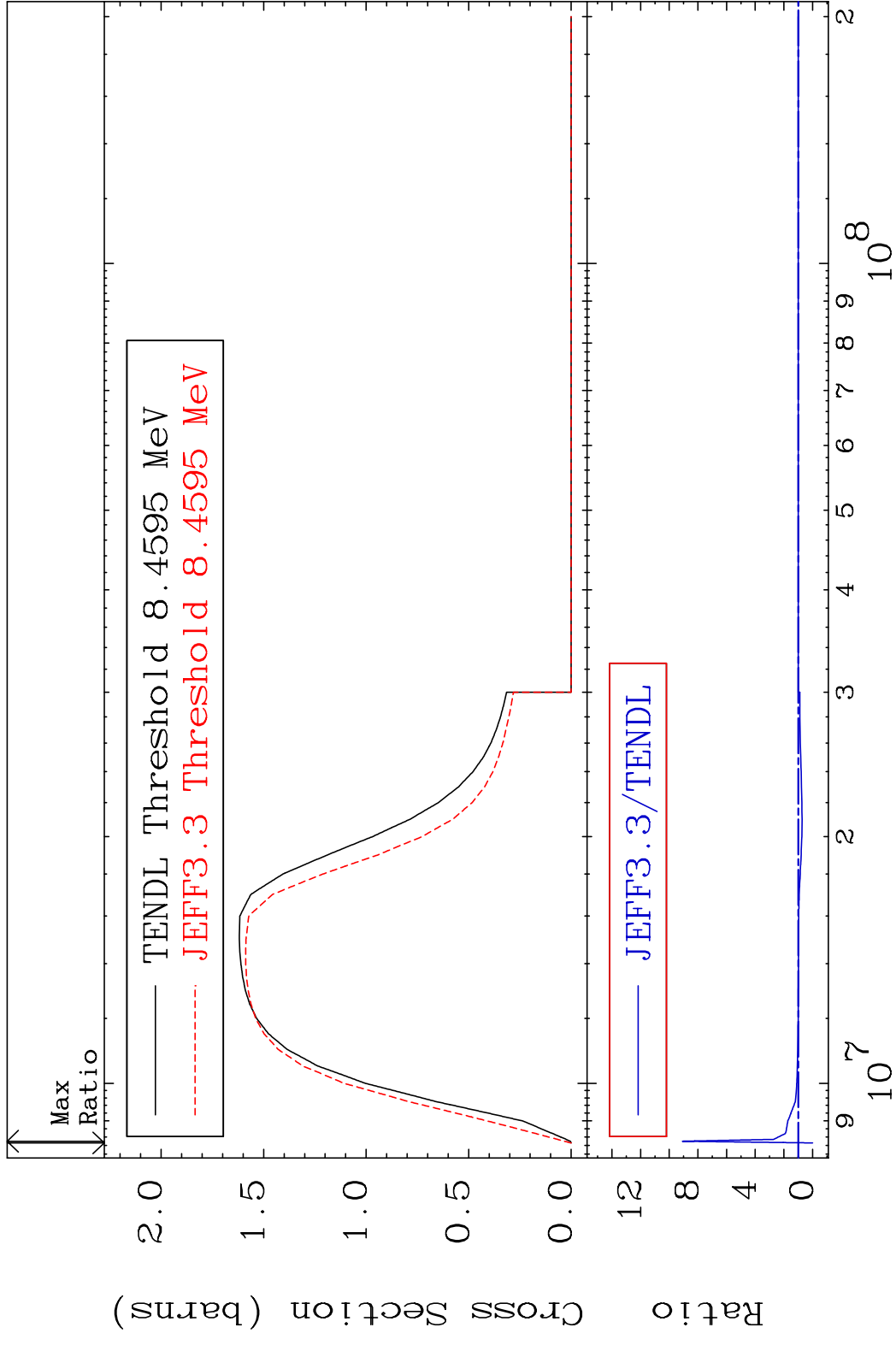
74-W -180

MAT 7425 Dpa disappearance (mt102 -120) 74-W -180
 Cross Section -99.91 To 9999. %

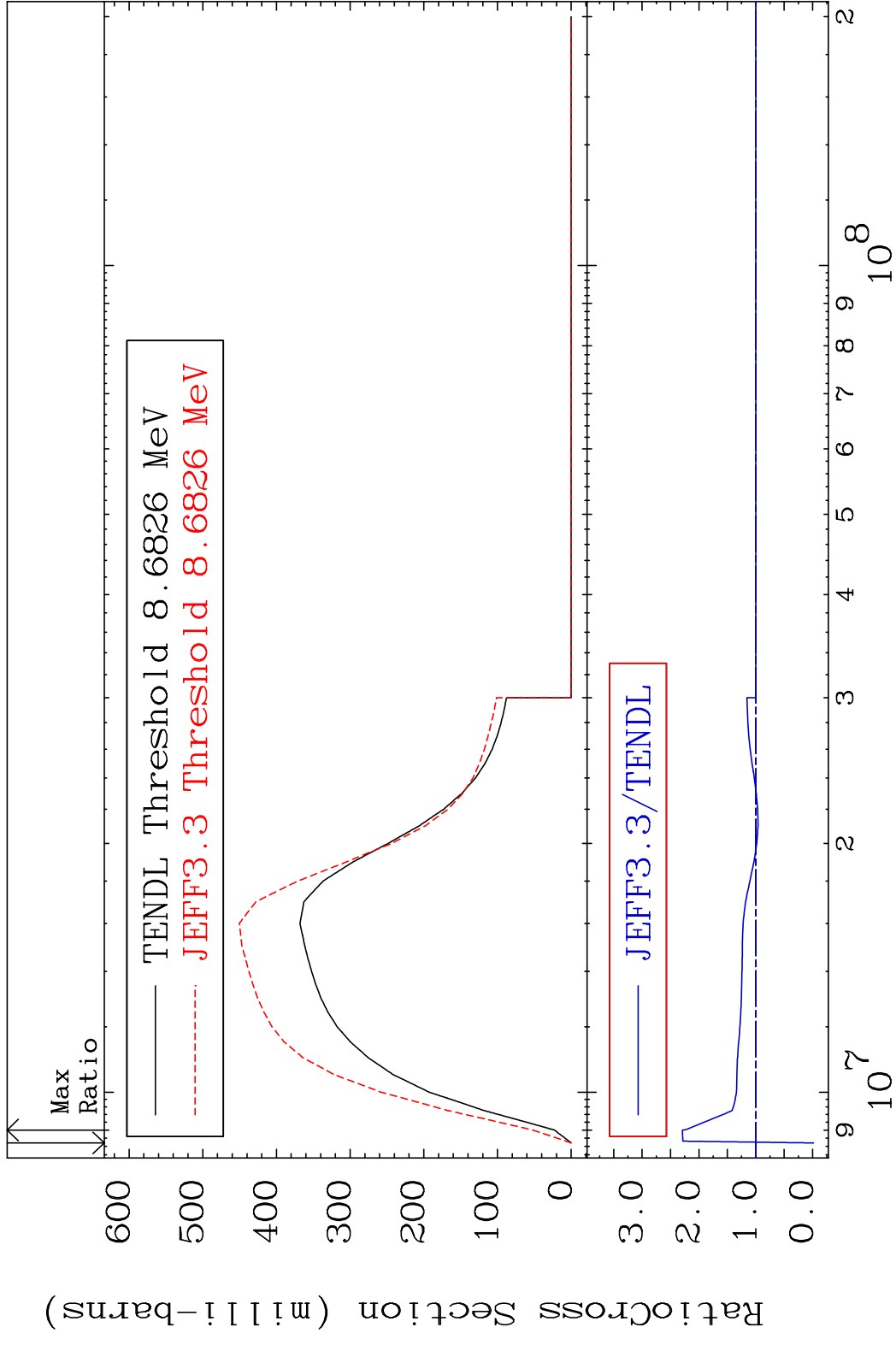


76 Incident Energy (eV) 74-W -180

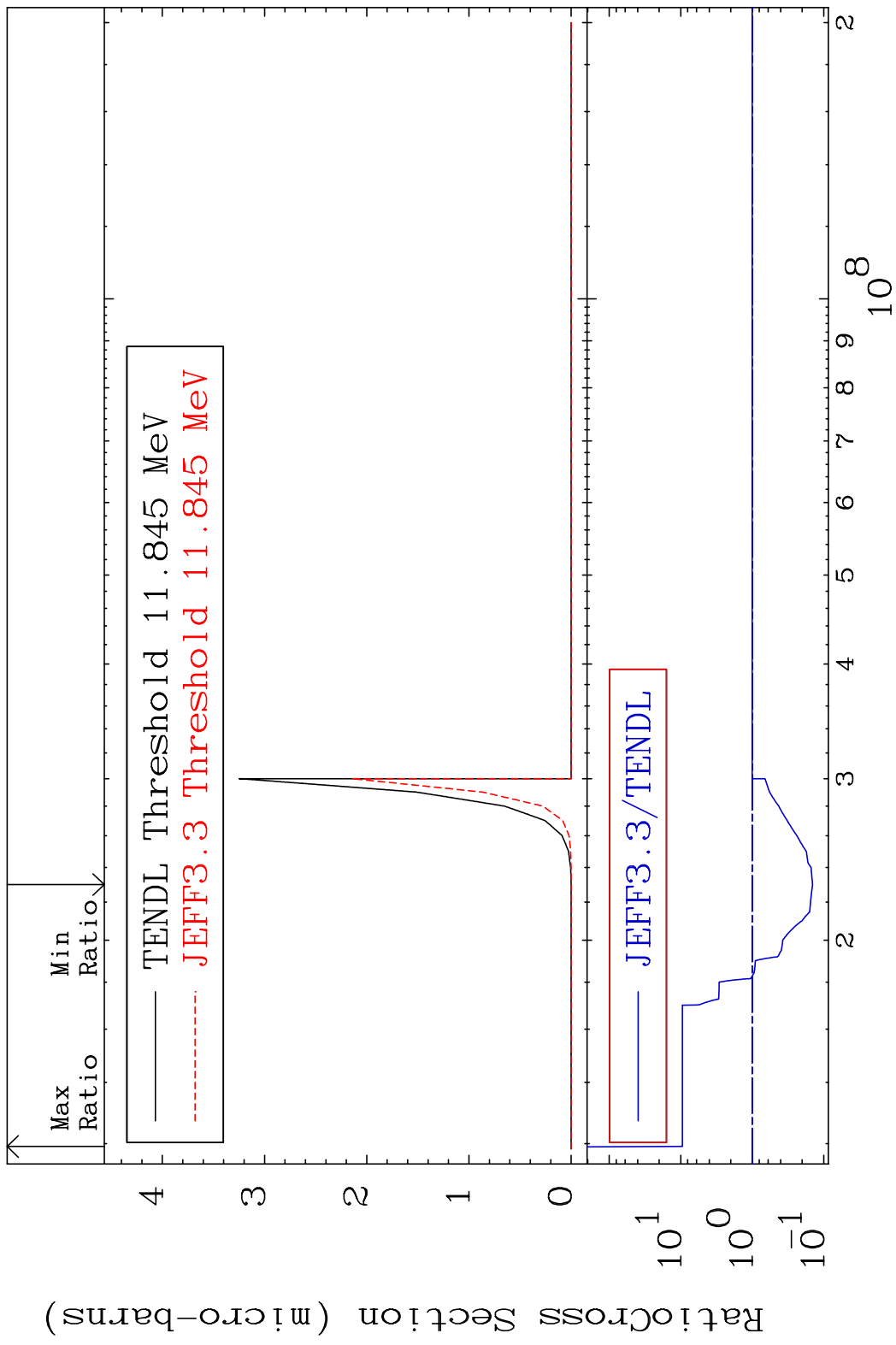
MAT 7425 (n,2n):74-W -179g 74-W -180
 Radionuclide Production Cross Section 808.6 %

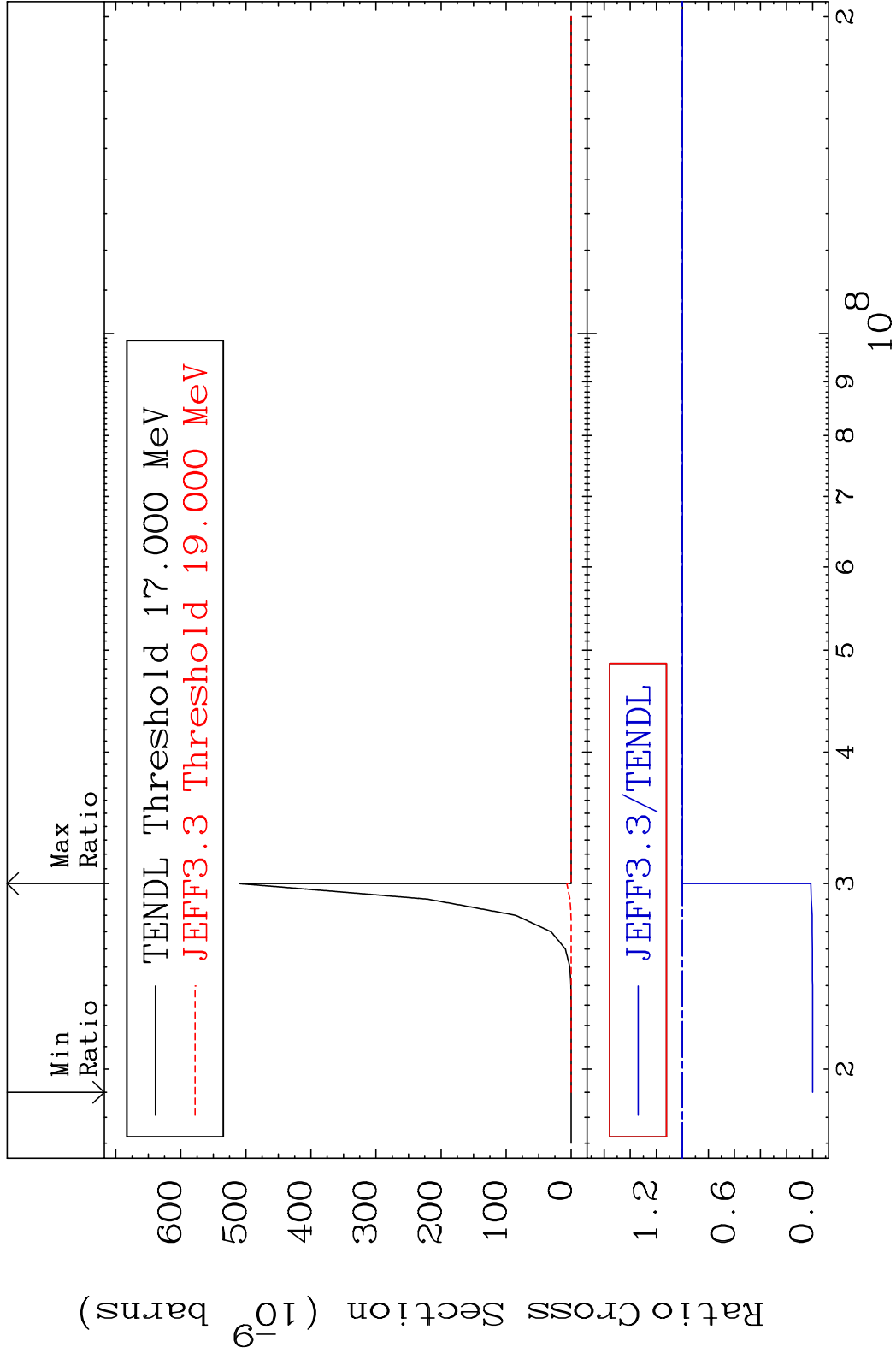


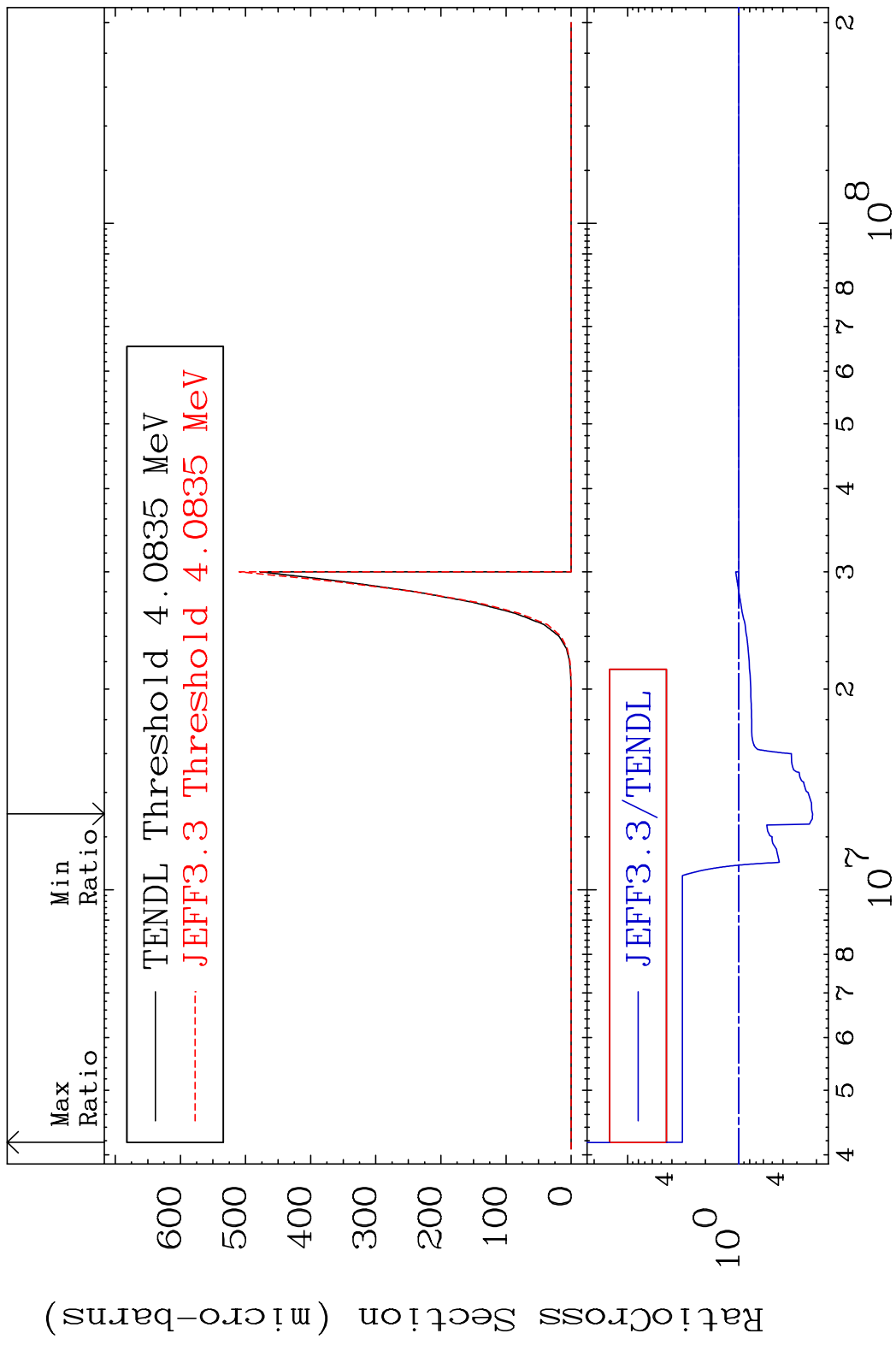
MAT 7425 (n,2n):74-W -179m2 74-W -180
 Radionuclide Production Cross Section 180.0 mb 129.2 %

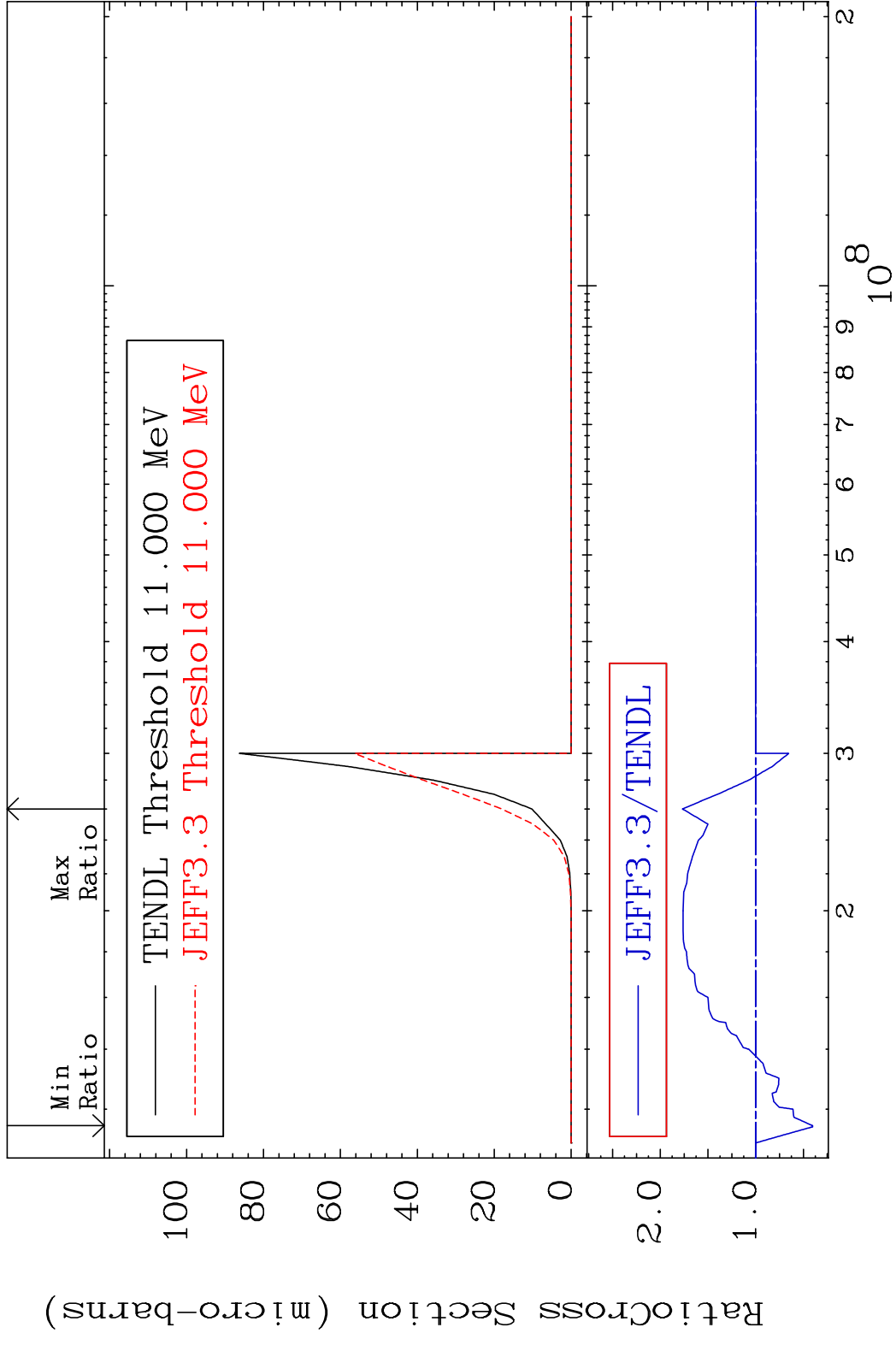


78 Incident Energy (eV) 74-W -180









MAT 7425 (n,2p):72-Hf-179g 74-W -180
 Radionuclide Production Cross Section 1800 d to 453.5 %

