

Program Complot
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

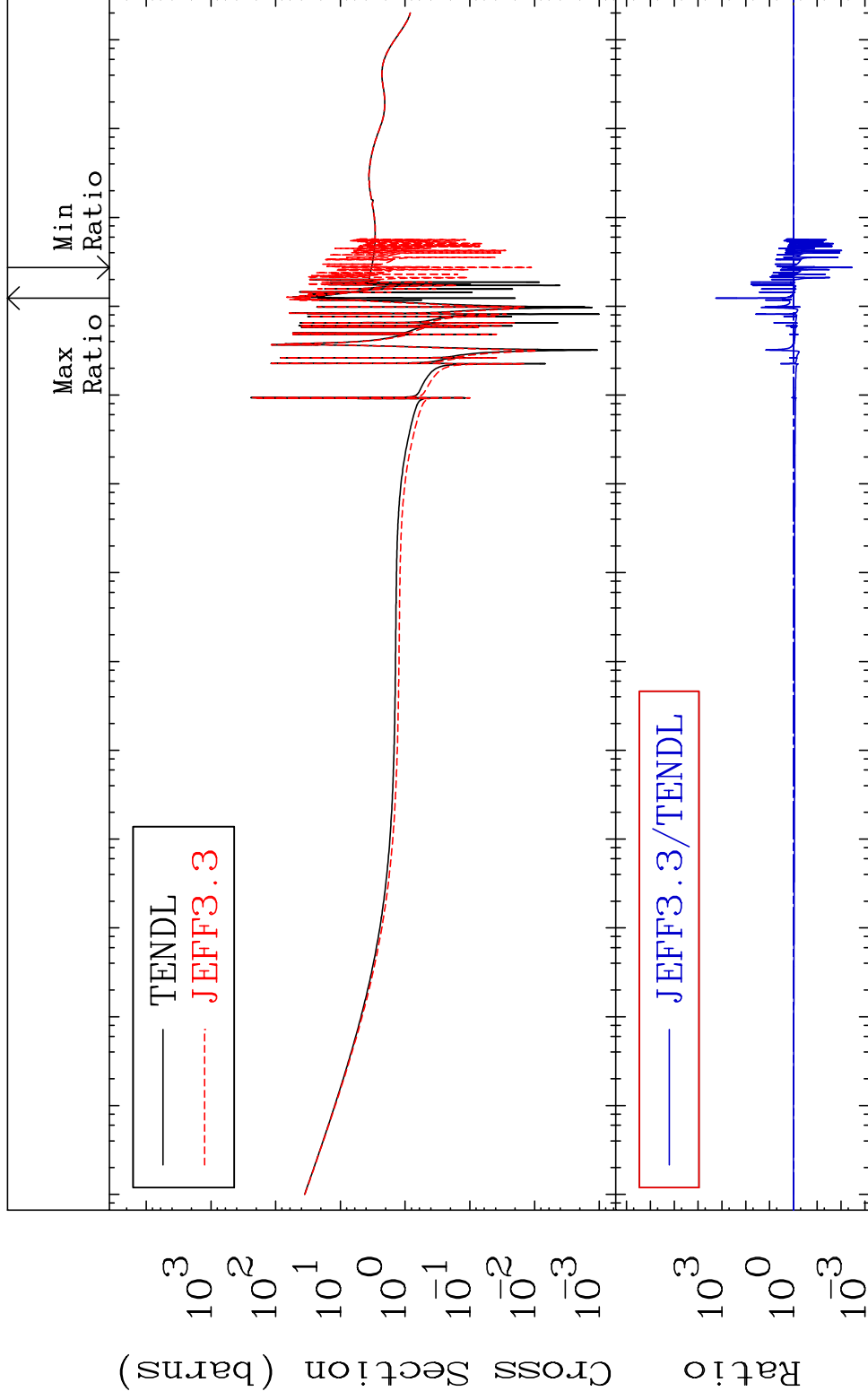
MAT 2031

Total

20-Ca-42

Cross Section

-99.66 To 9999. %



1

Incident Energy (eV)

20-Ca-42

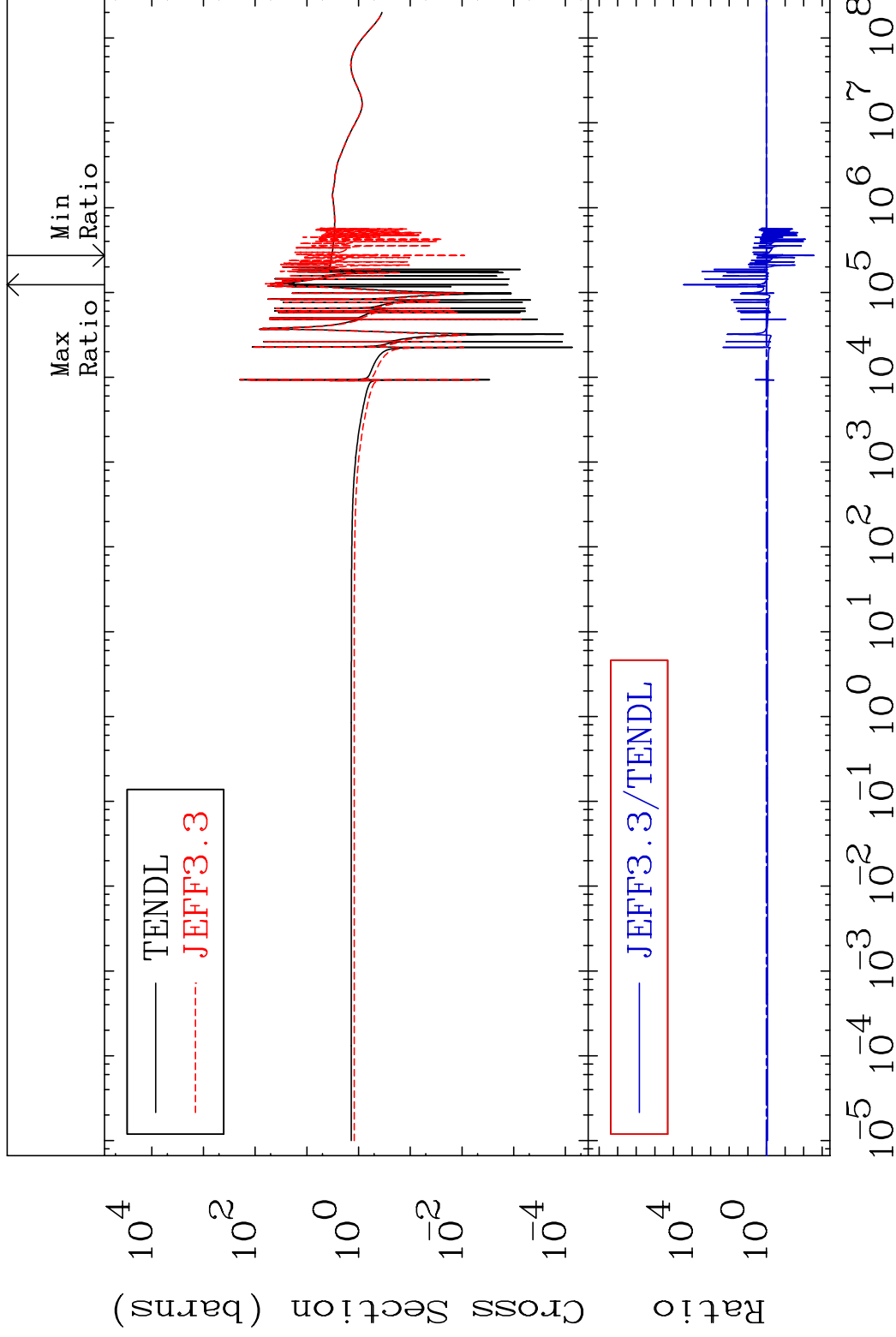
MAT 2031

Elastic

20-Ca-42

Cross Section

-99.73 To 9999. %



2

Incident Energy (eV)

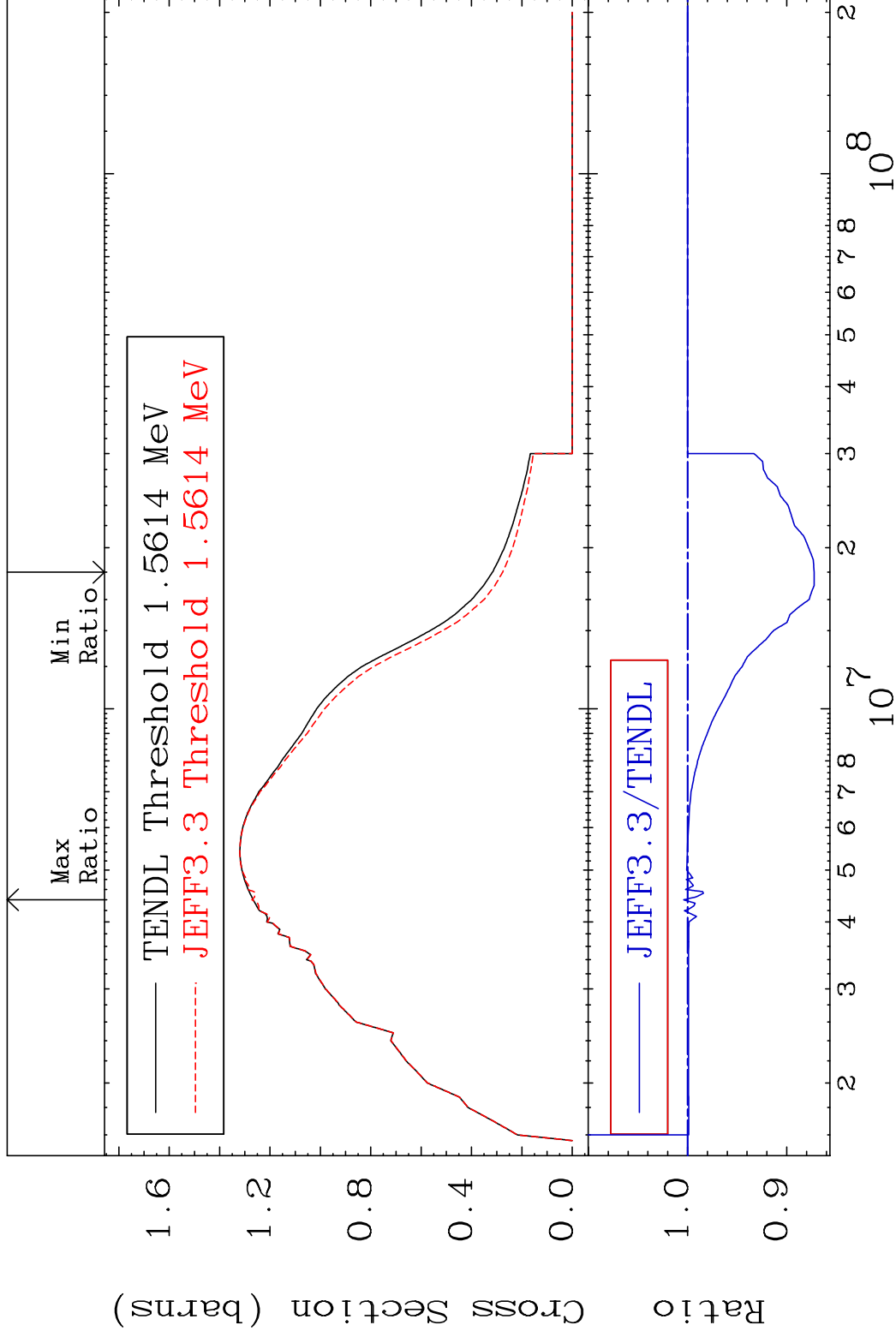
20-Ca-42

MAT 2031

Inelastic

20-Ca-42

Cross Section -12.76 To 0.395 %

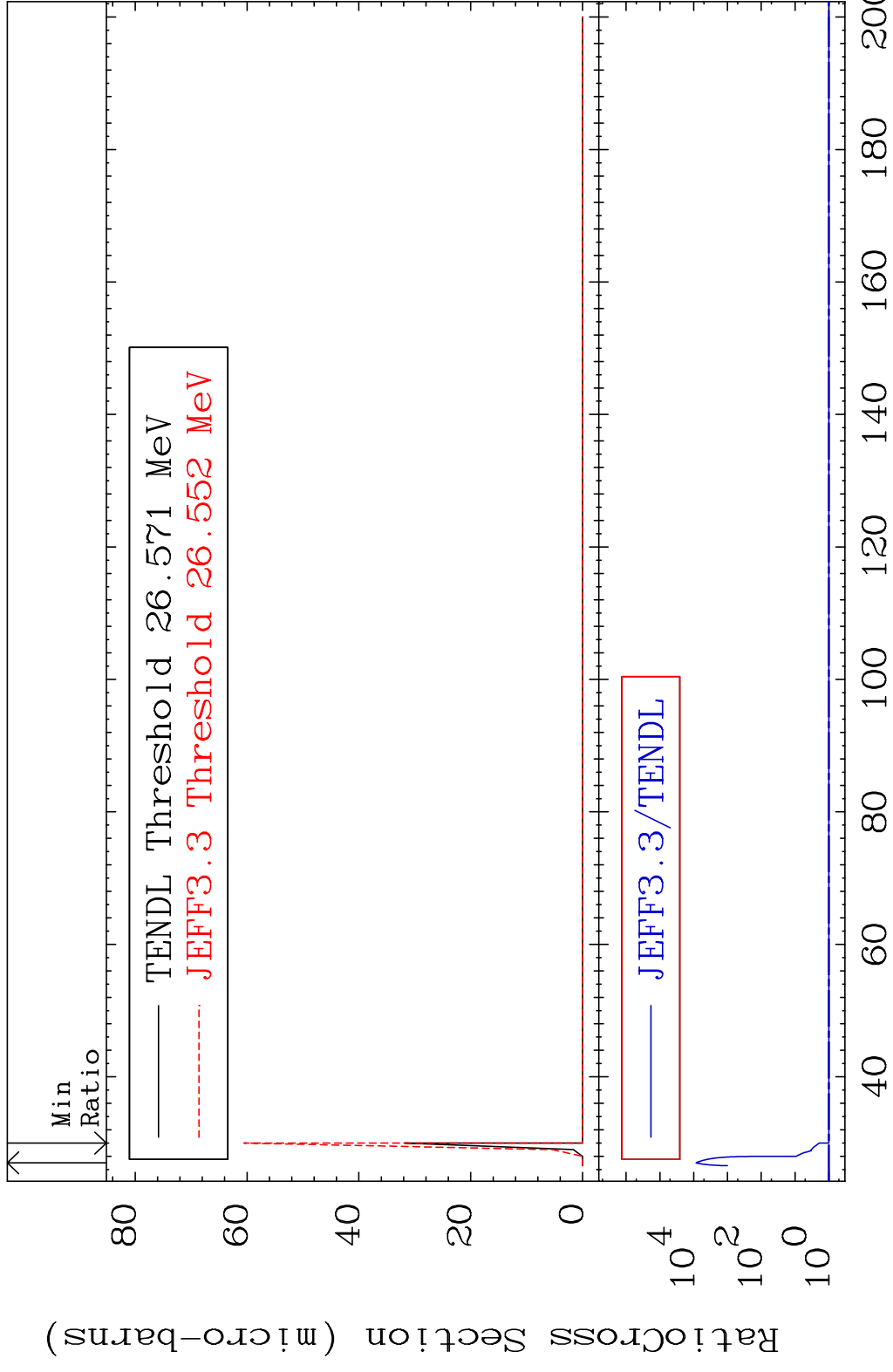


3

Incident Energy (eV)

20-Ca-42

MAT 2031 (n,2n) d 20-Ca-42
Cross Section 0.000 To 9999. %

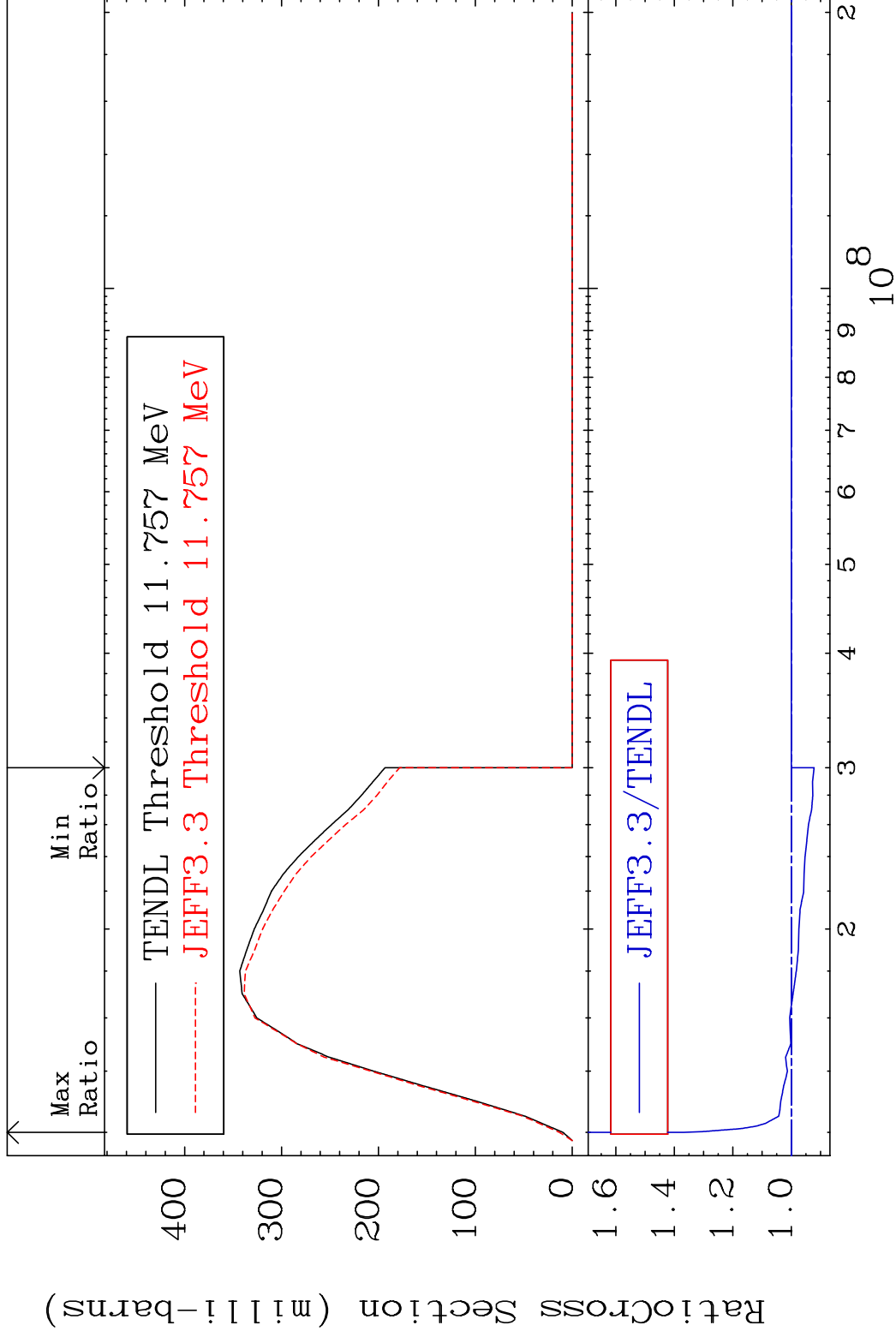


MAT 2031

(n,2n)

20-Ca-42

Cross Section -7.790 To 36.80 %



5

Incident Energy (eV)

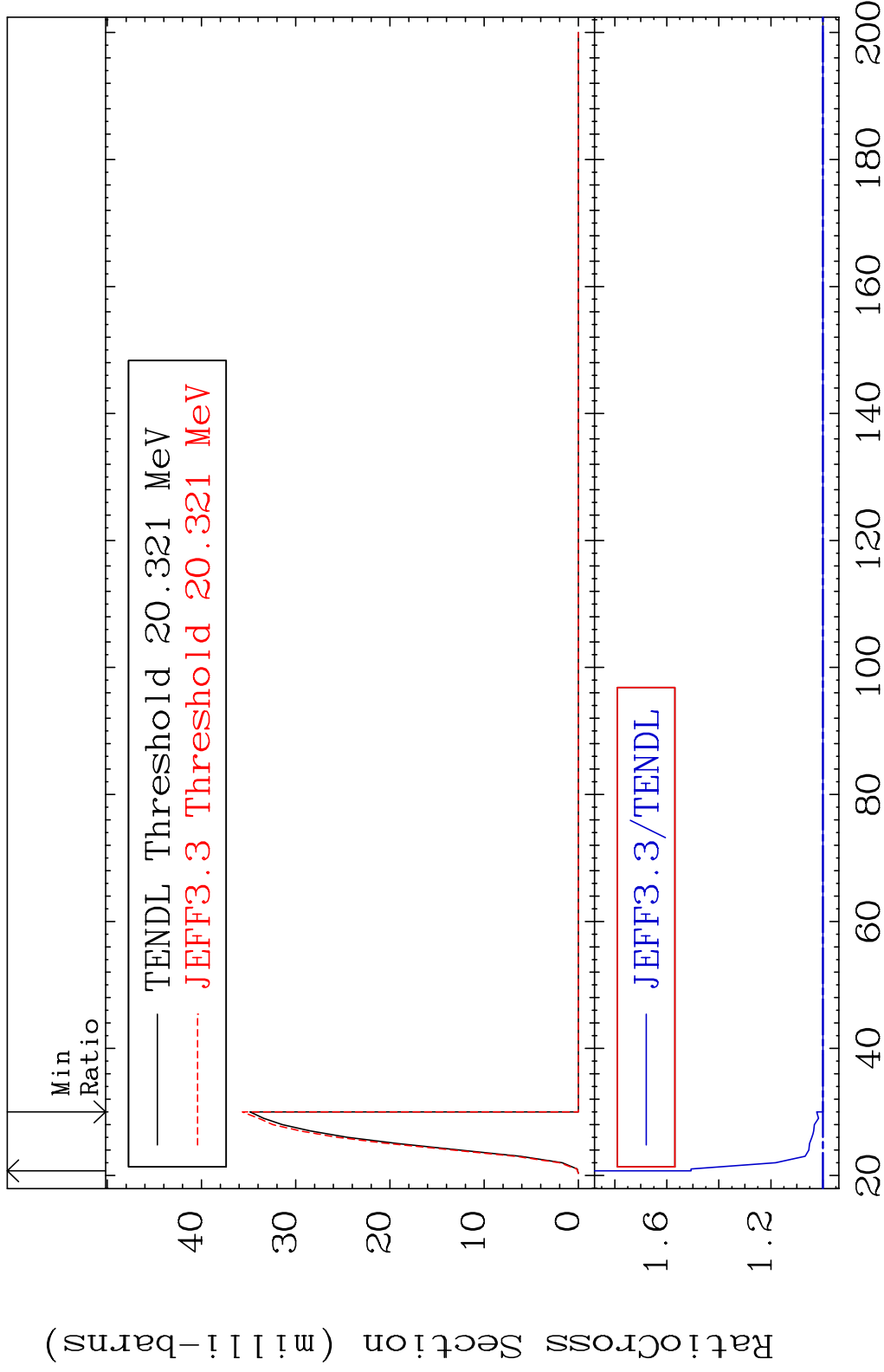
20-Ca-42

MAT 2031

(n,3n)

20-Ca-42

Cross Section 0.000 To 50.69 %

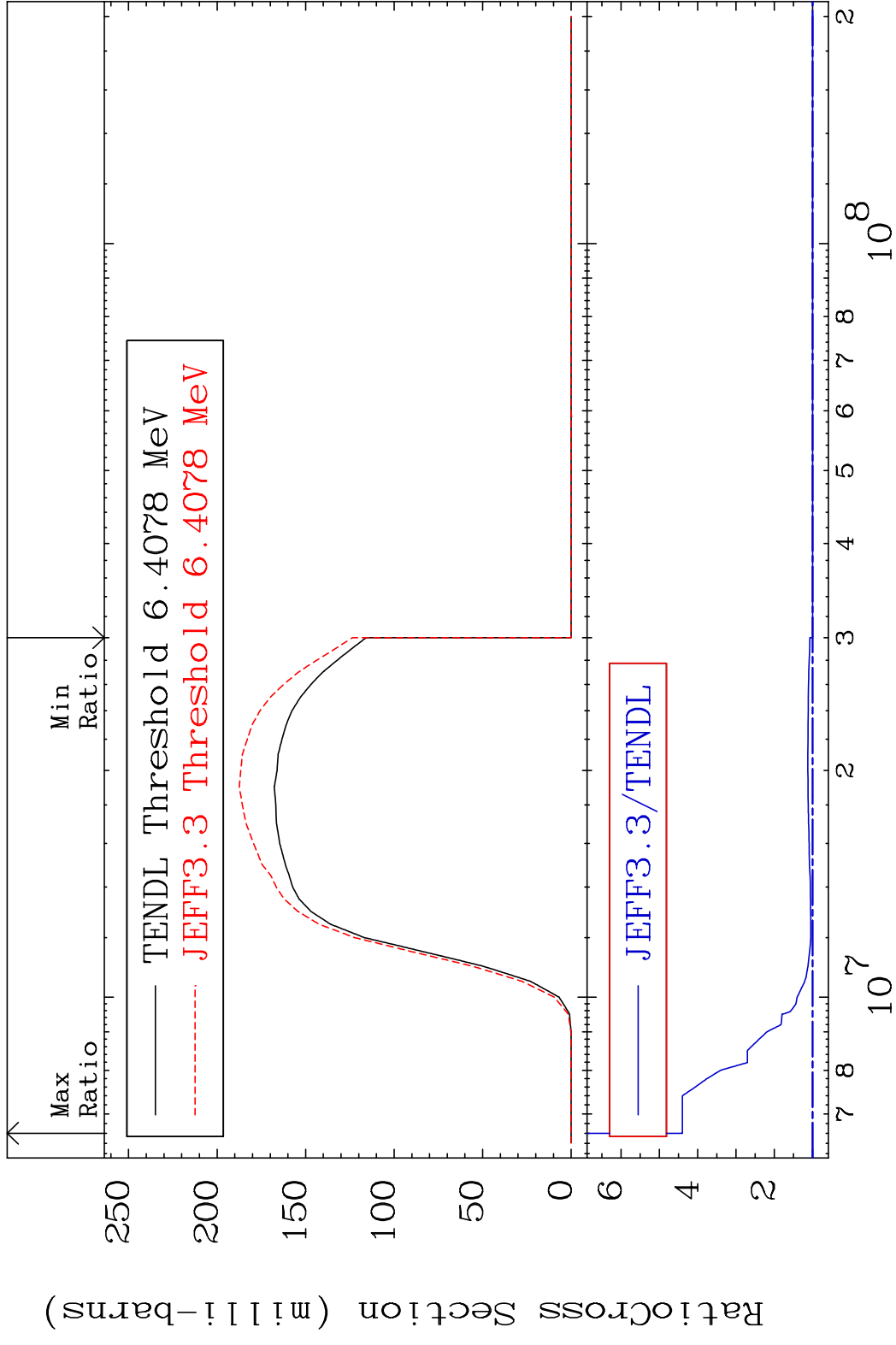


6

Incident Energy (MeV)

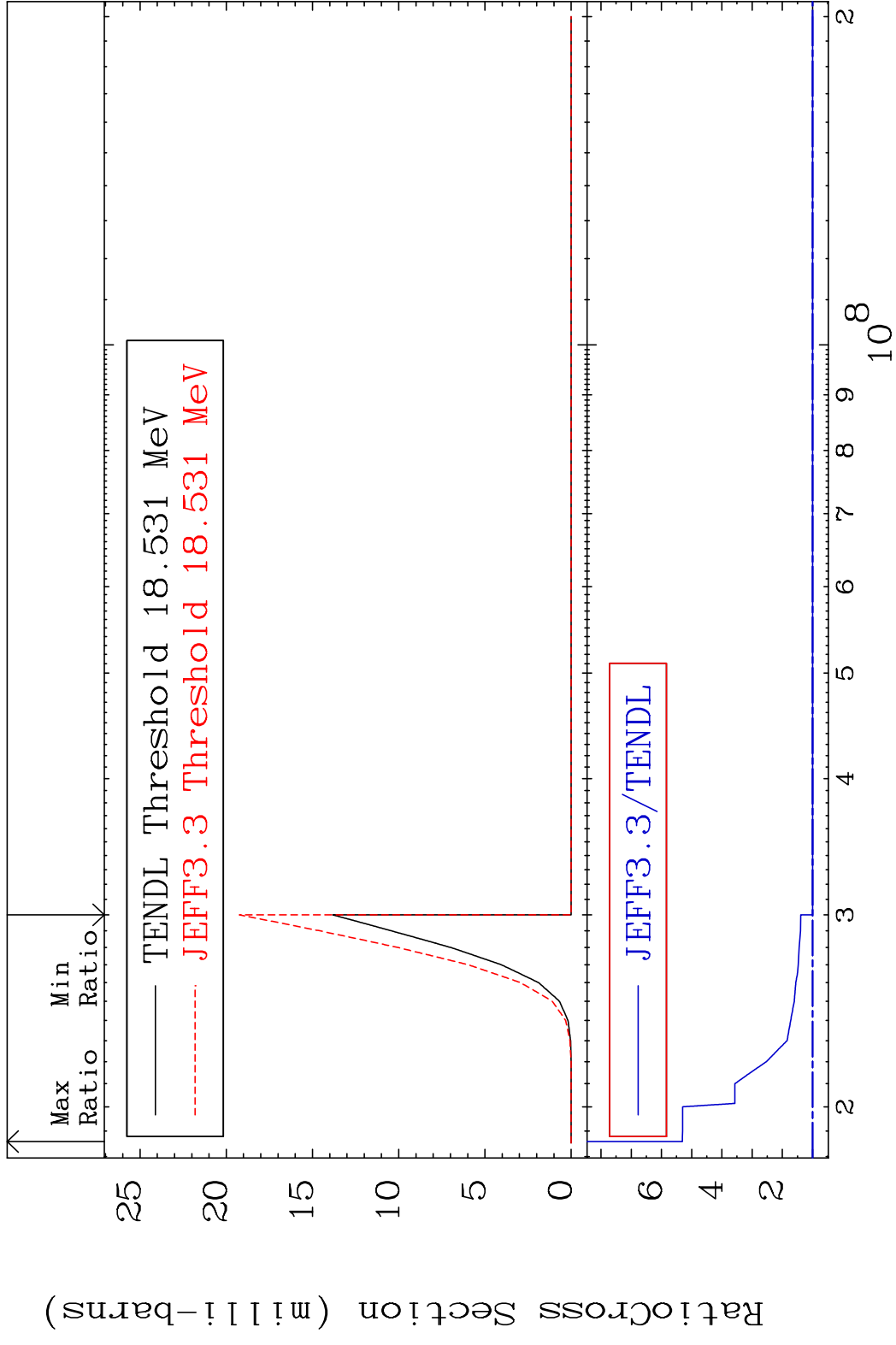
20-Ca-42

MAT 2031 $(n, n') \alpha$ 20-Ca-42
 Cross Section 0.000 To 340.0 %



7 8 10⁷ 2 3 4 5 6 7 8 10⁸ 2

MAT 2031 $(n, 2n) \alpha$ 20-Ca-42
 Cross Section 0.000 To 430.8 %



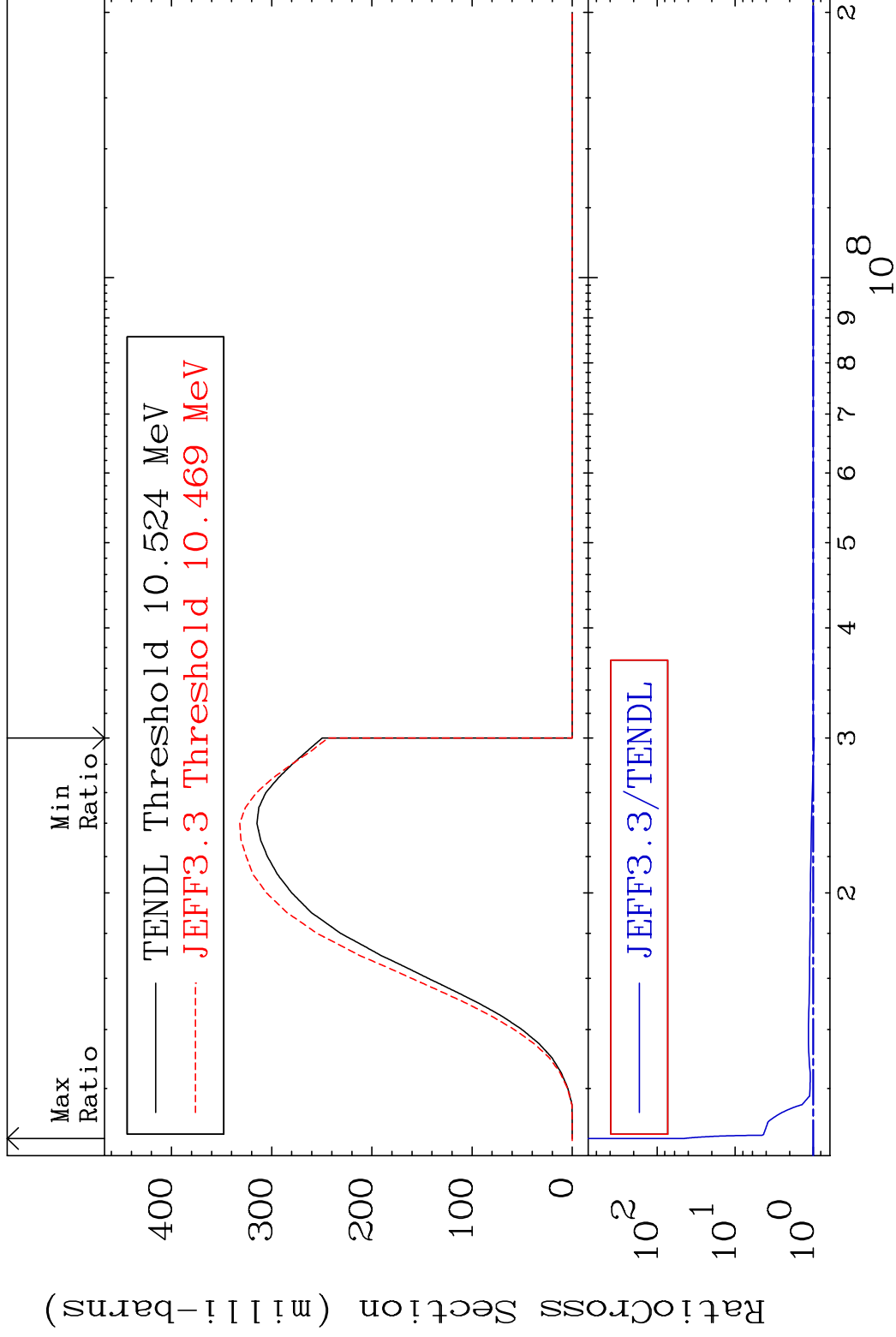
8 20-Ca-42

MAT 2031

(n, n') p

20-Ca-42

Cross Section -2.367 To 4472. %

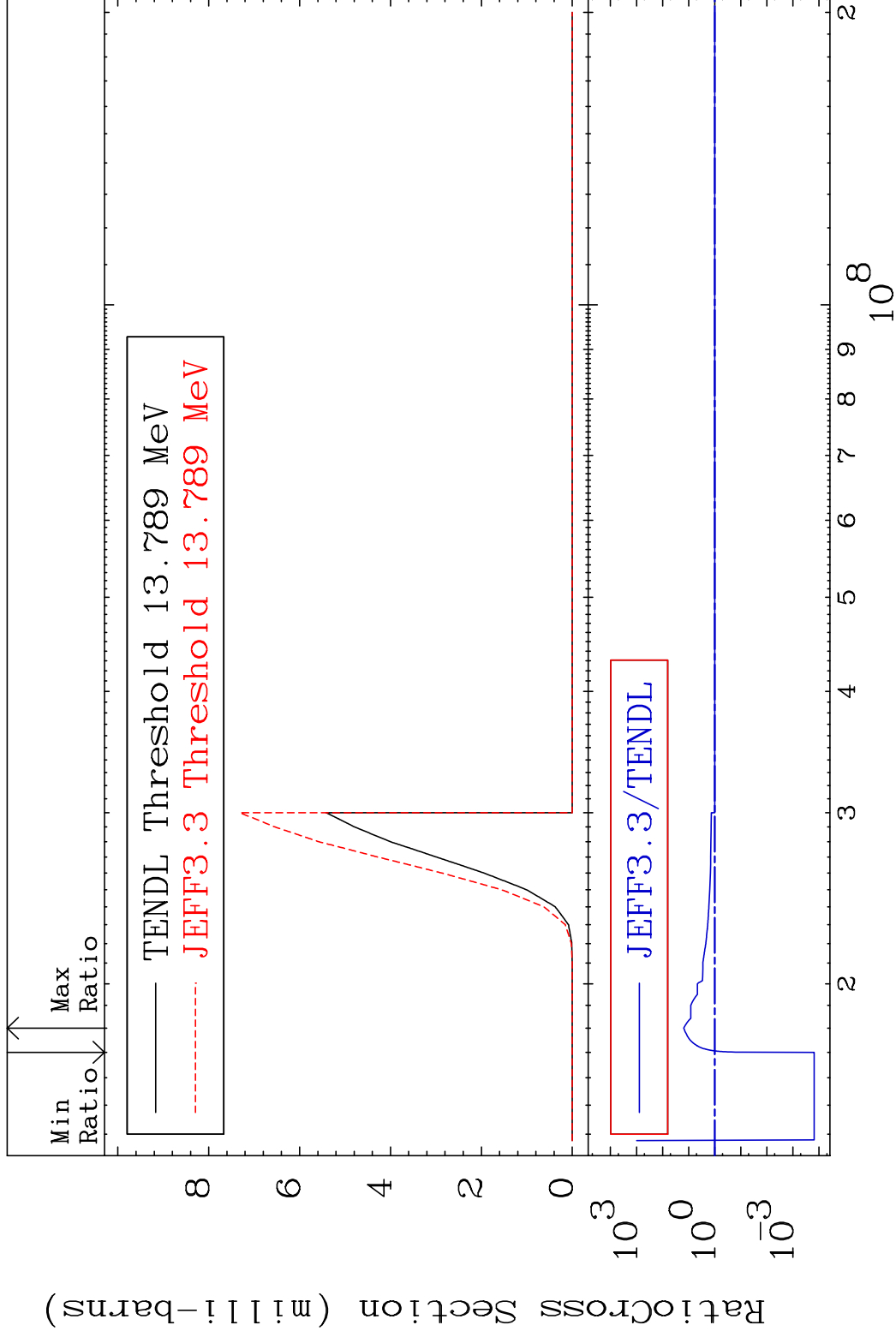


MAT 2031

(n, n') 2 α

20-Ca-42

Cross Section -99.98 To 1456. %

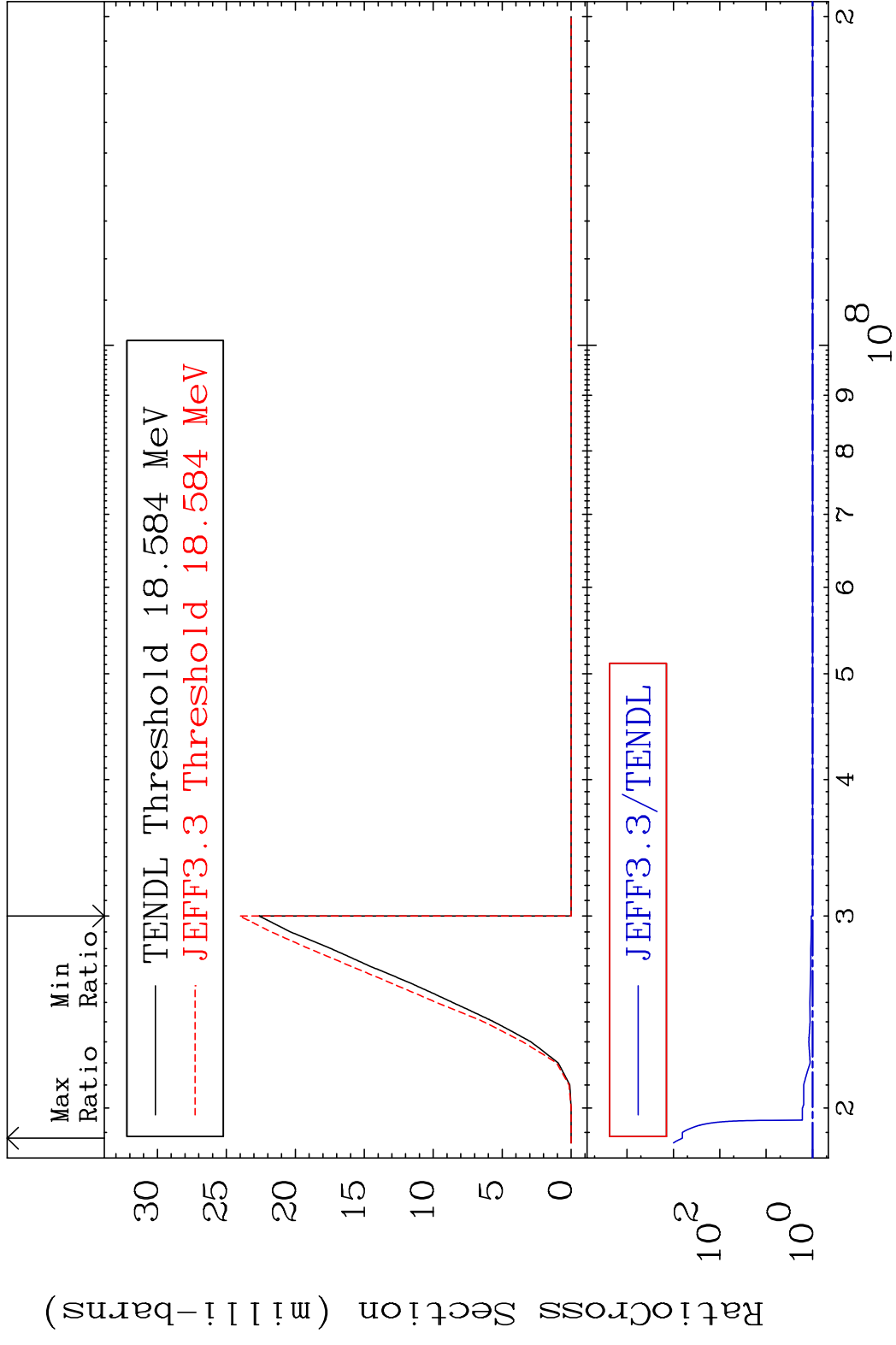


10

Incident Energy (eV)

20-Ca-42

MAT 2031 (n, n') d 20-Ca-42
 Cross Section 0.000 To 9999. %

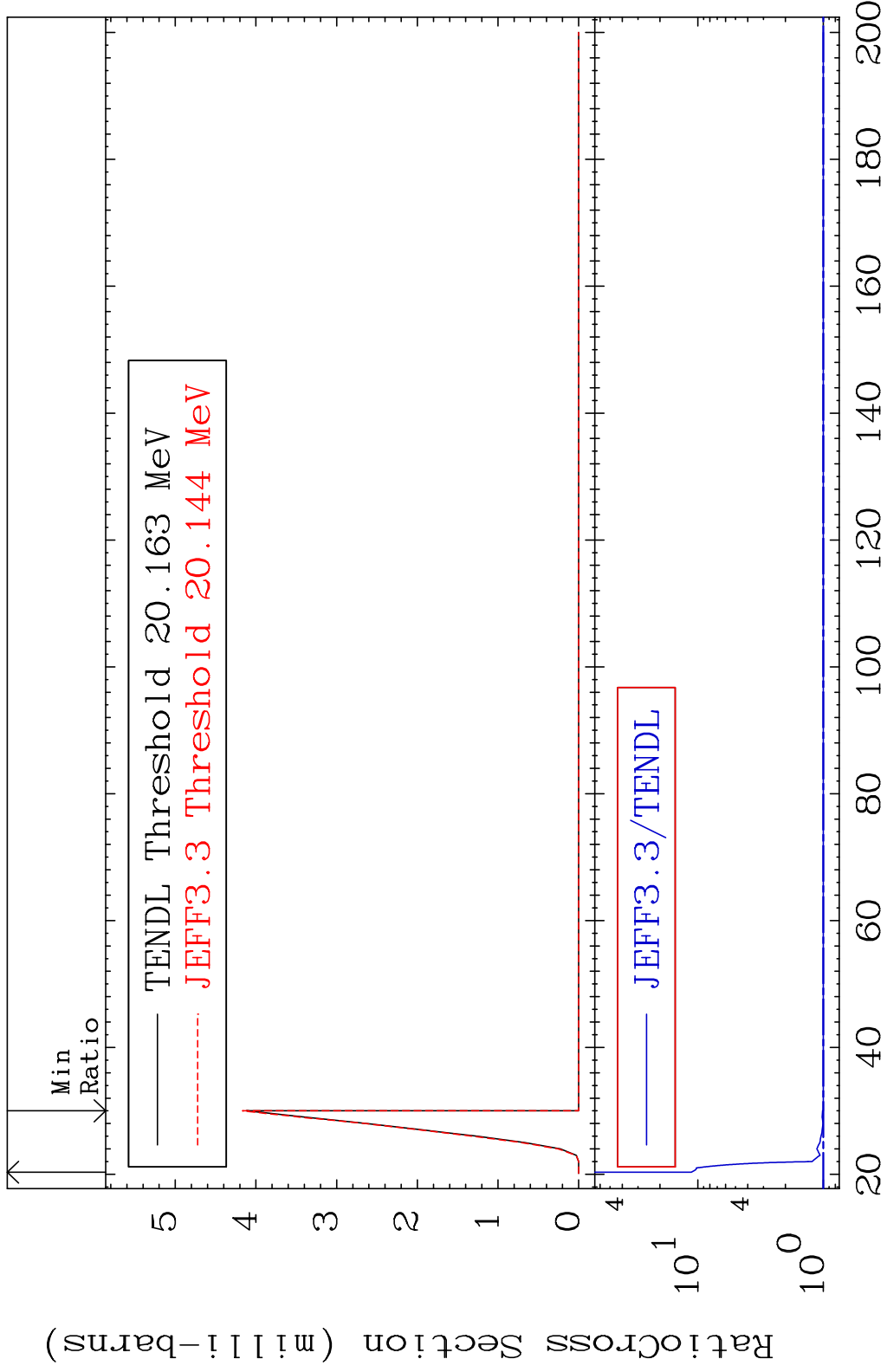


MAT 2031

(n, n') t

20-Ca-42

Cross Section 0.000 To 1025. %

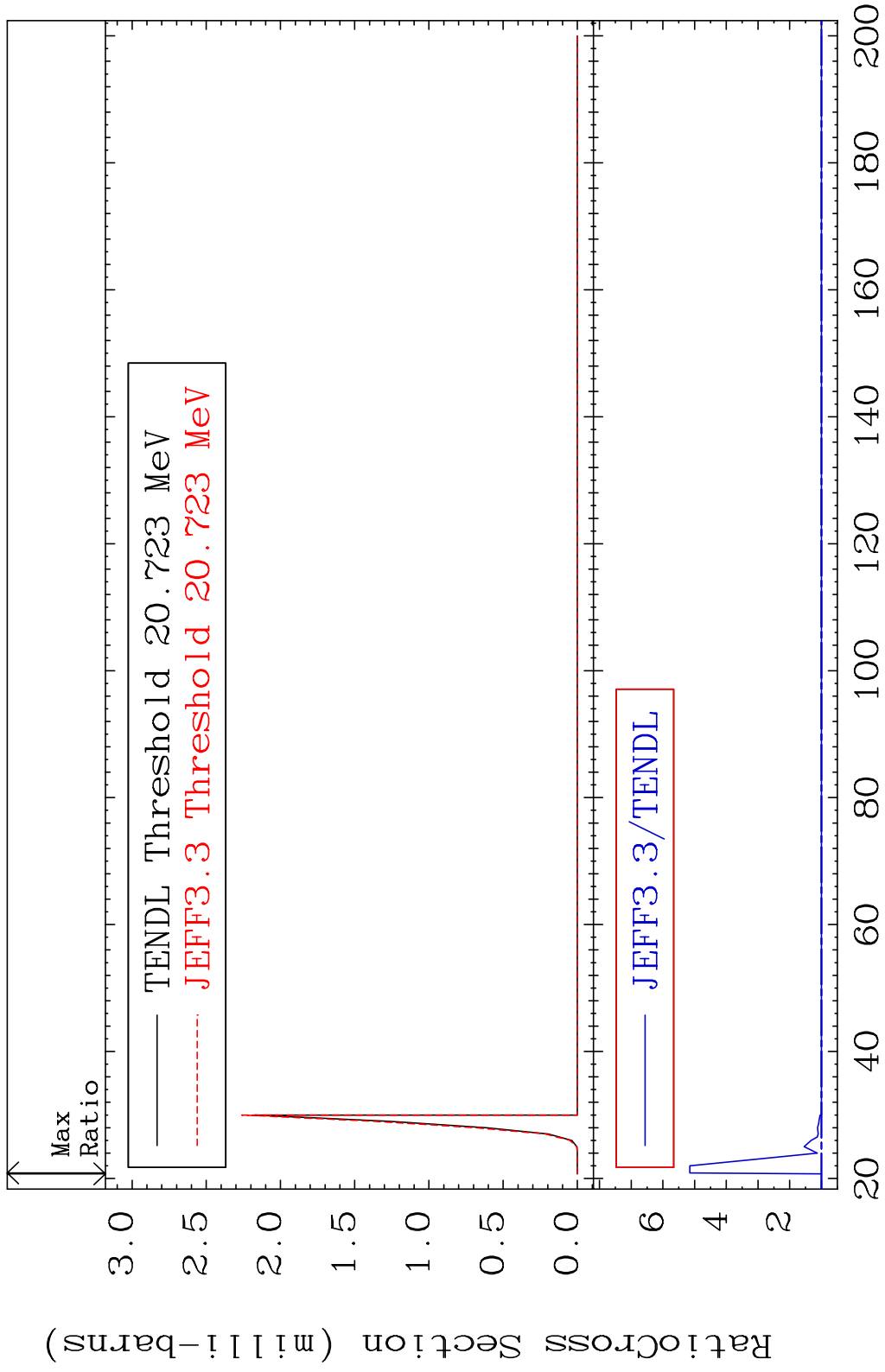


12

Incident Energy (MeV)

20-Ca-42

MAT 2031 (n,n') He-3 20-Ca-42
 Cross Section 0.000 To 415.2 %

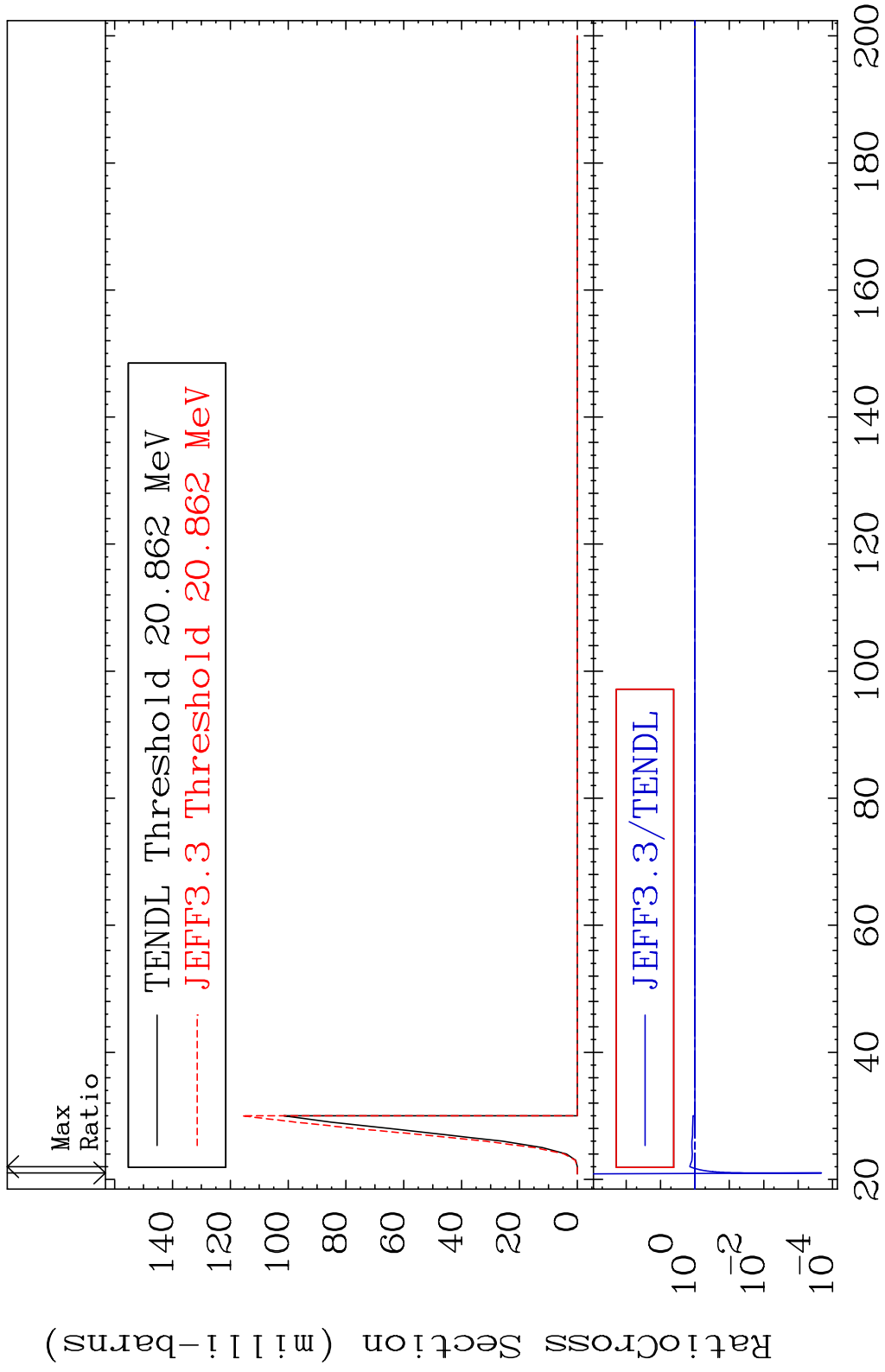


MAT 2031

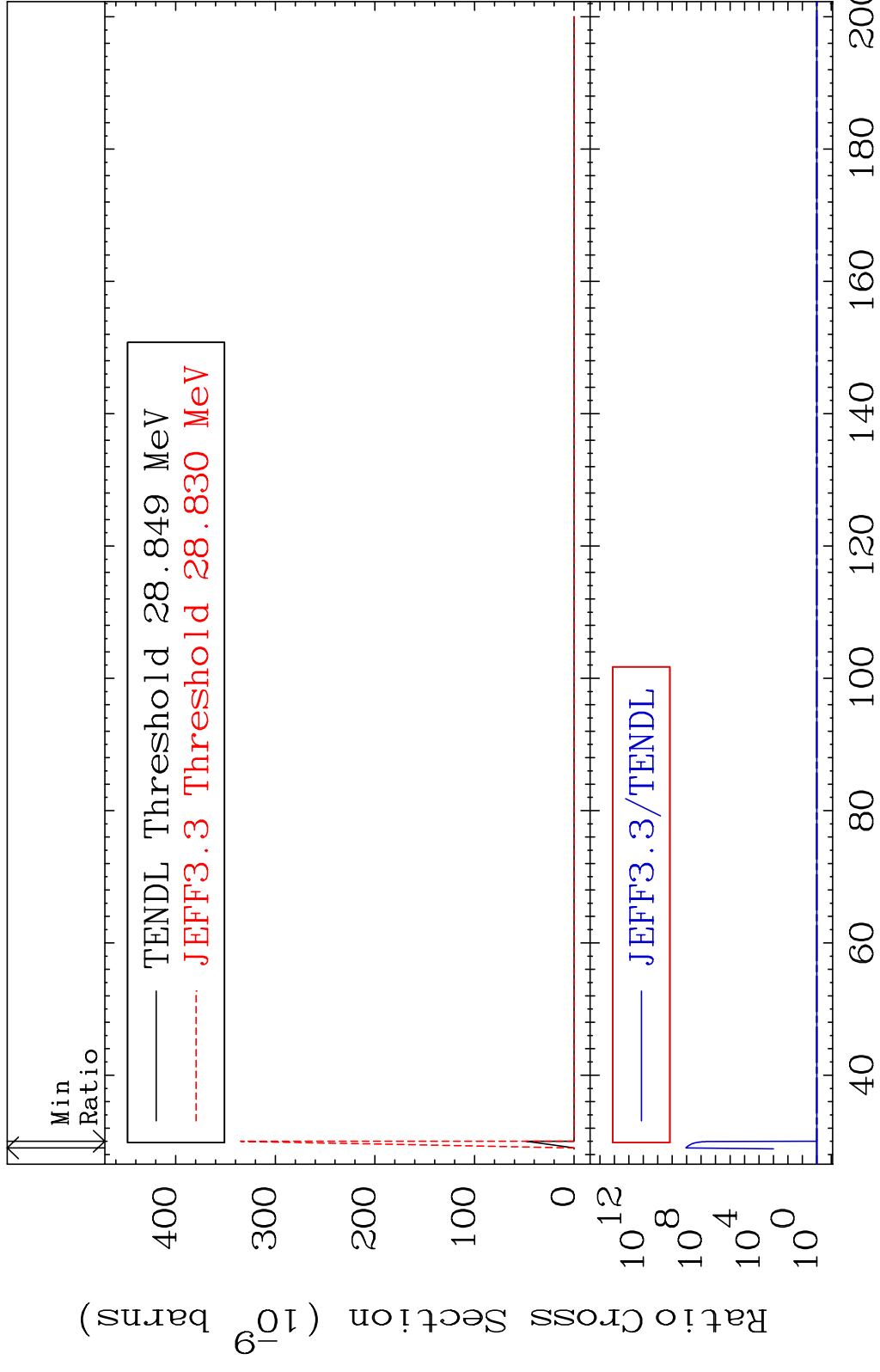
(n,2n) p

20-Ca-42

Cross Section -99.98 To 41.39 %



MAT 2031 (n,3n) p 20-Ca-42
 Cross Section 0.000 To 9999. %

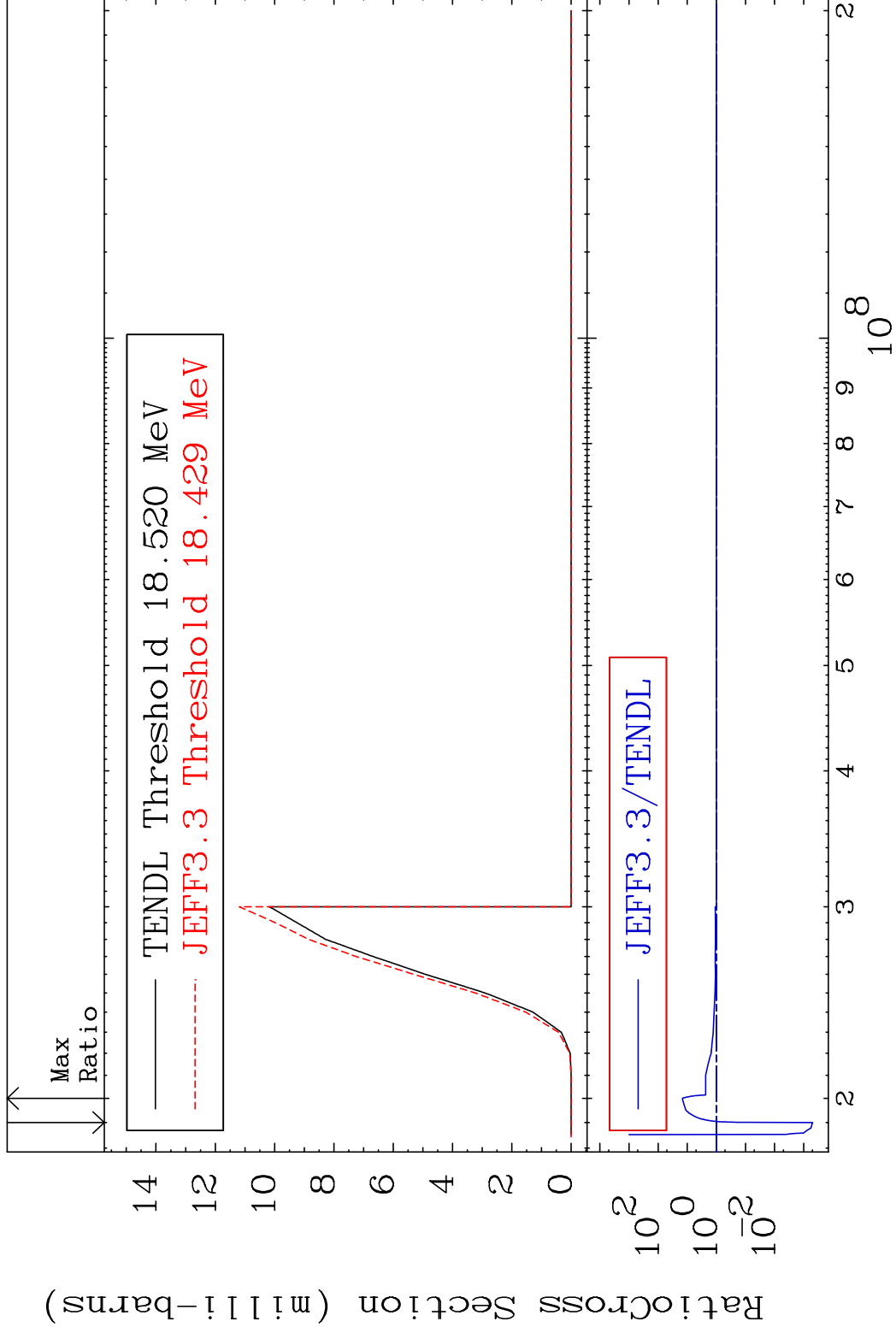


MAT 2031

(n,2n) p

20-Ca-42

Cross Section -99.95 To 1373. %



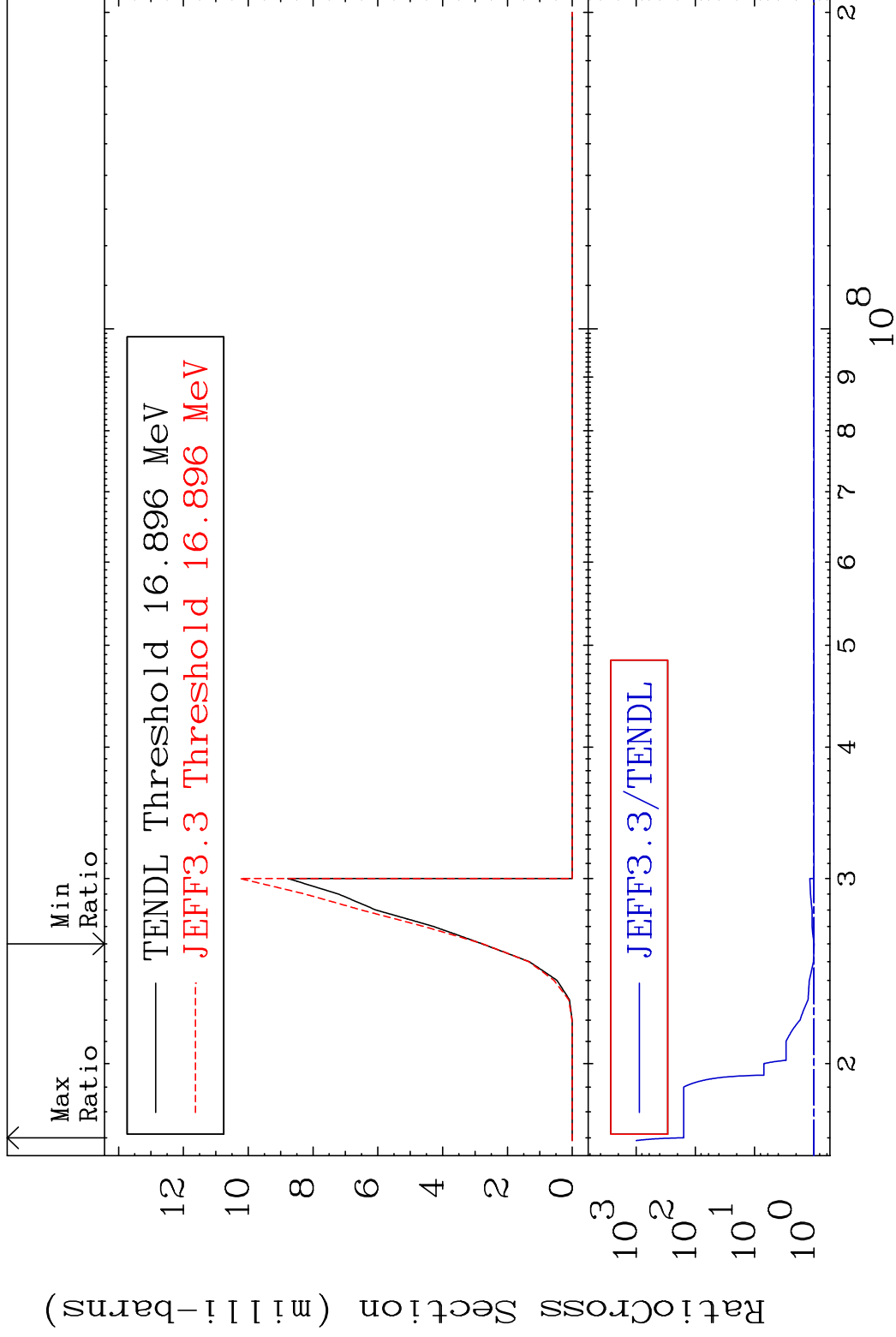
16

Incident Energy (eV)

20-Ca-42

MAT 2031

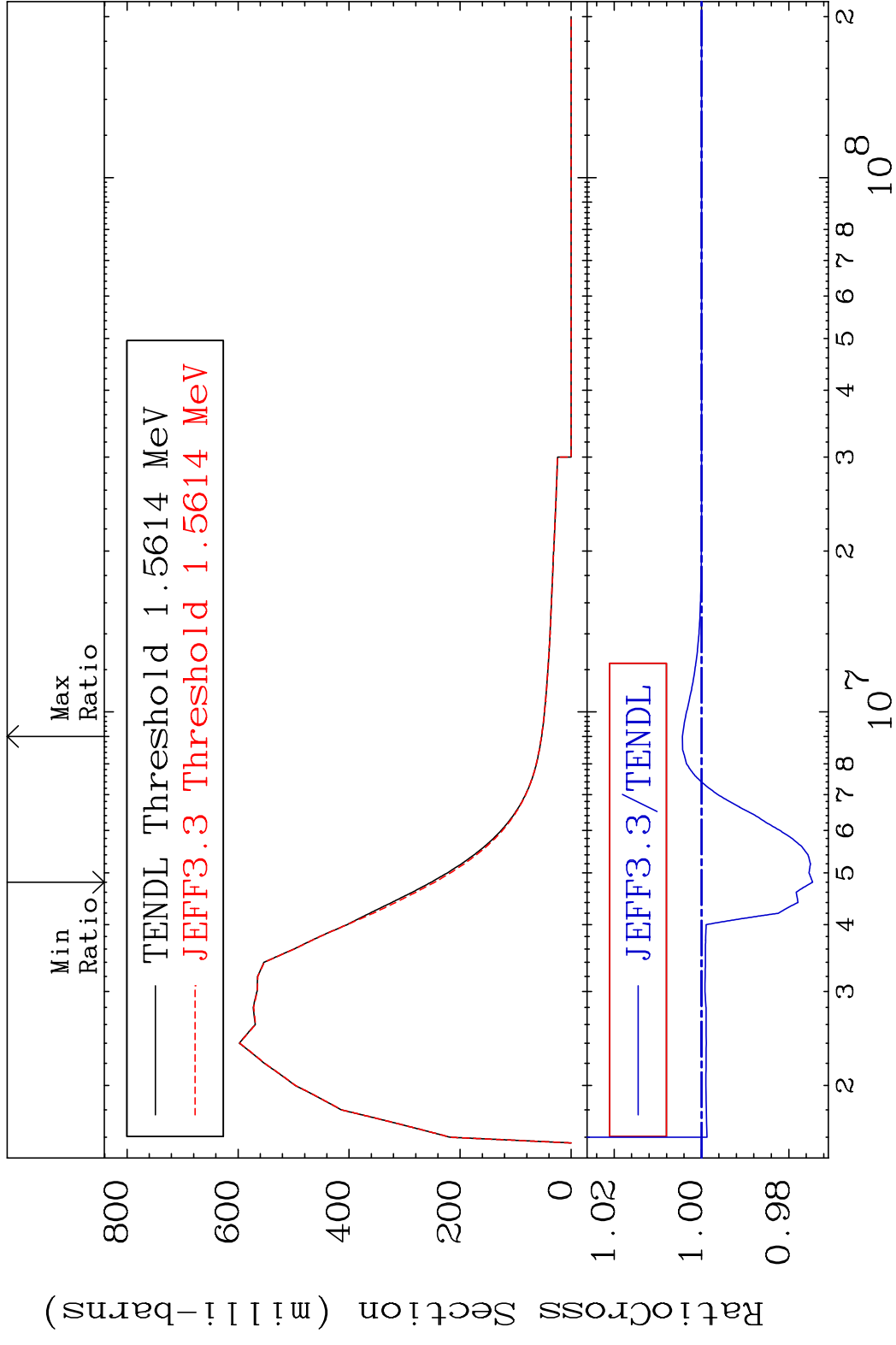
(n,n') p α 20-Ca-42
Cross Section -0.839 To 9999. %



17

Incident Energy (eV) 20-Ca-42

MAT 2031 MT= 51 (n, n') Level 20-Ca-42
 Cross Section -2.545 To 0.438 %

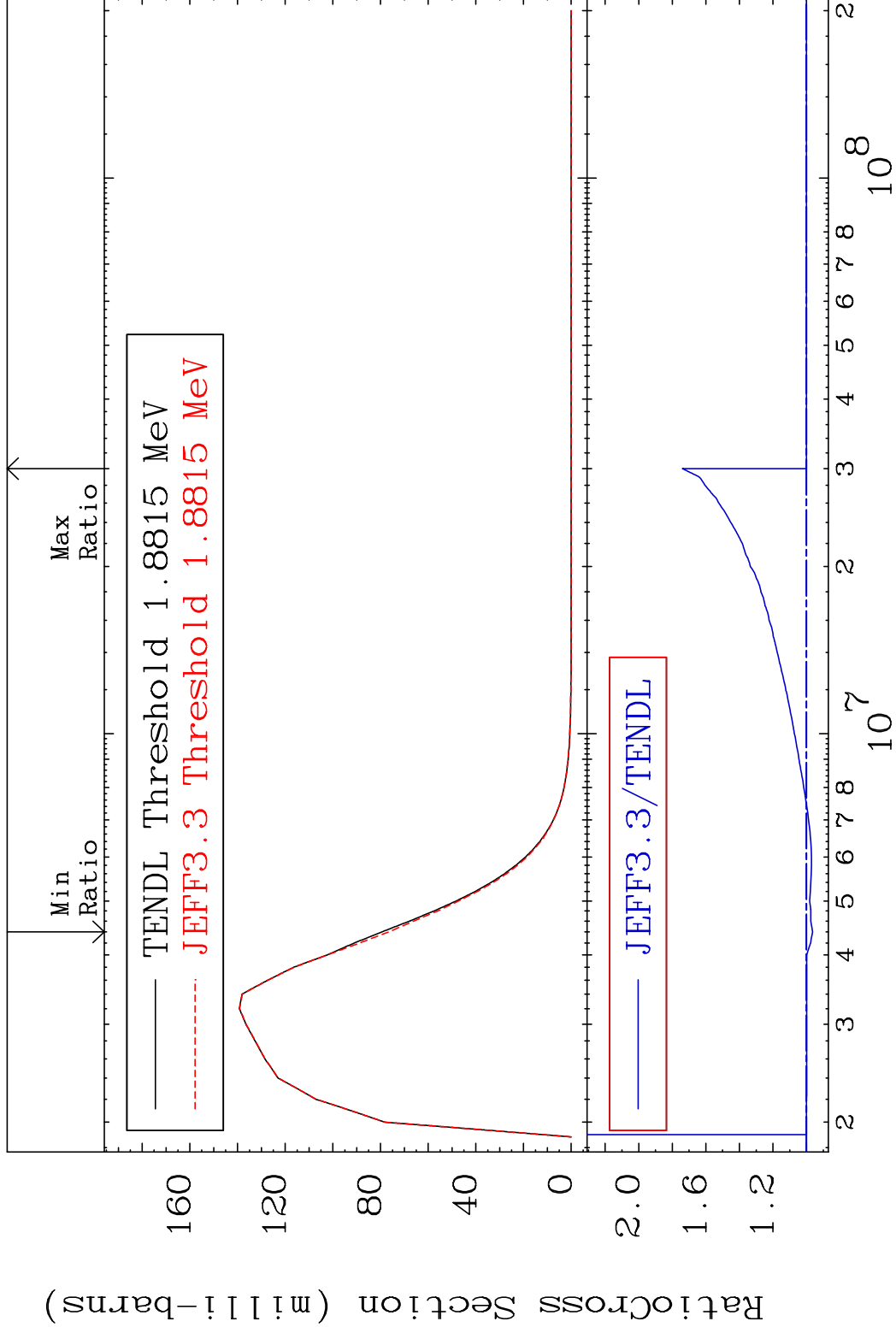


MAT 2031

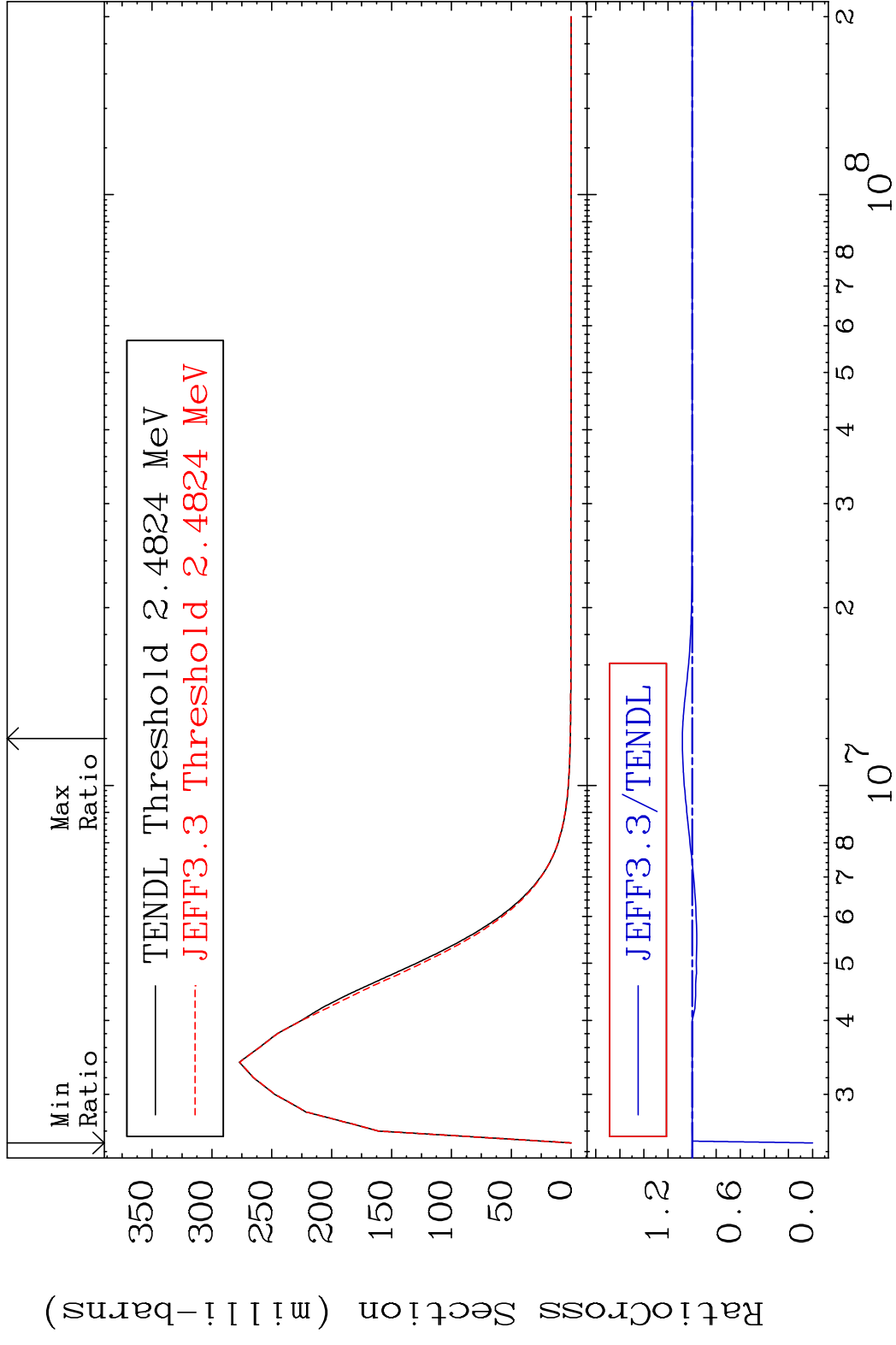
MT= 52 (n, n') Level

20-Ca-42

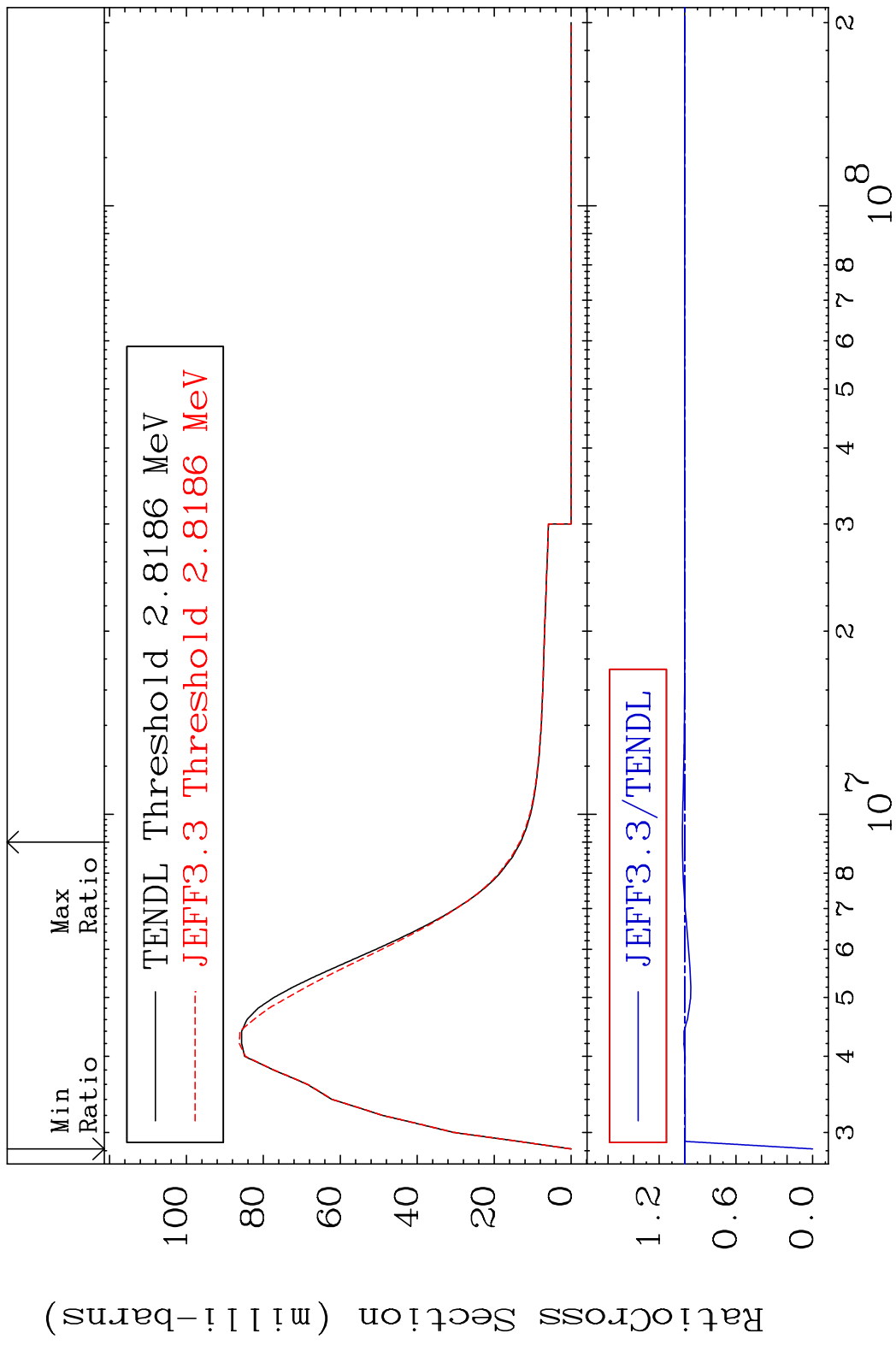
Cross Section -3.615 To 74.00 %



MAT 2031 MT= 53 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 8.107 %

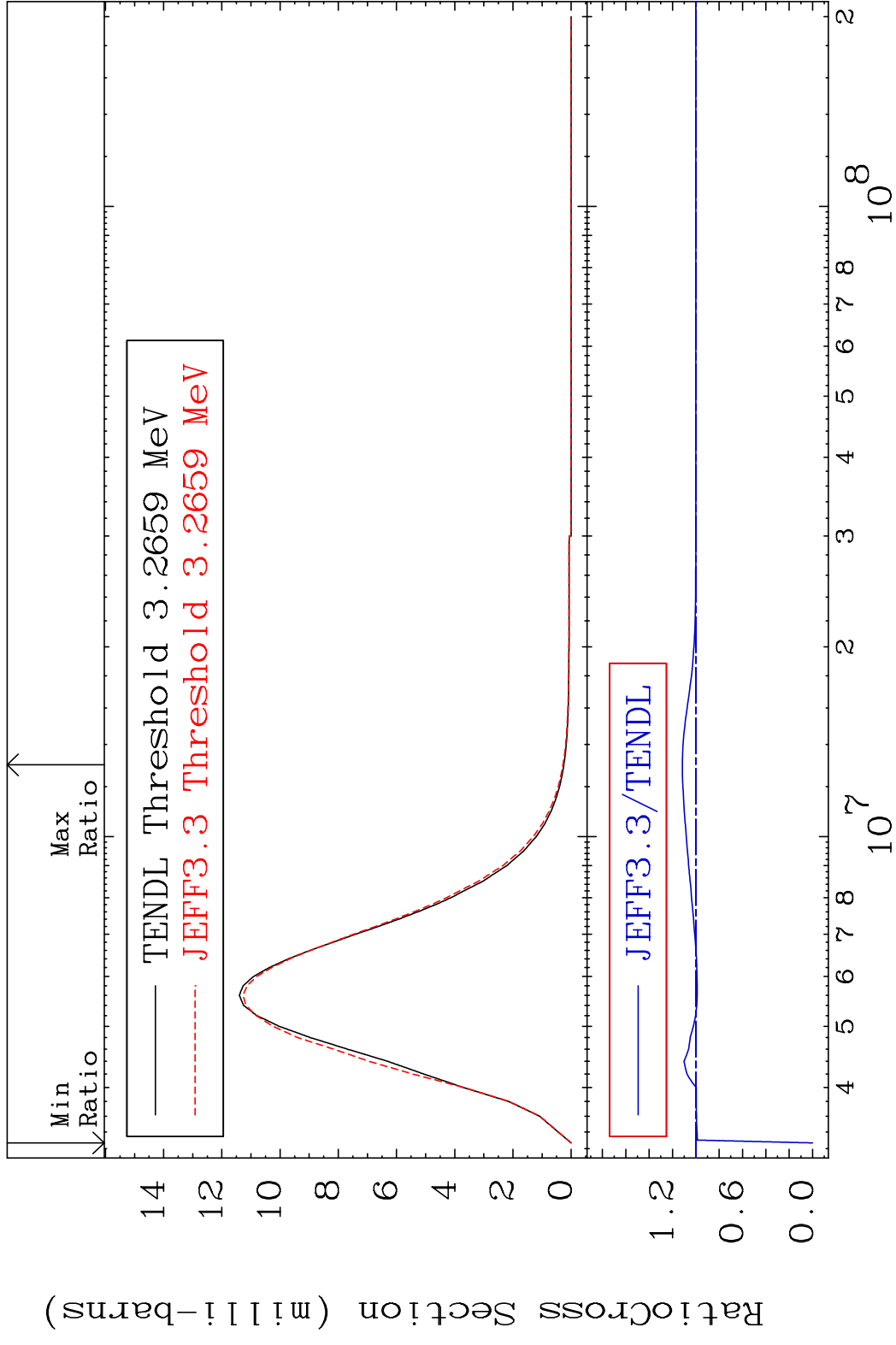


MAT 2031 MT= 54 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 1.876 %

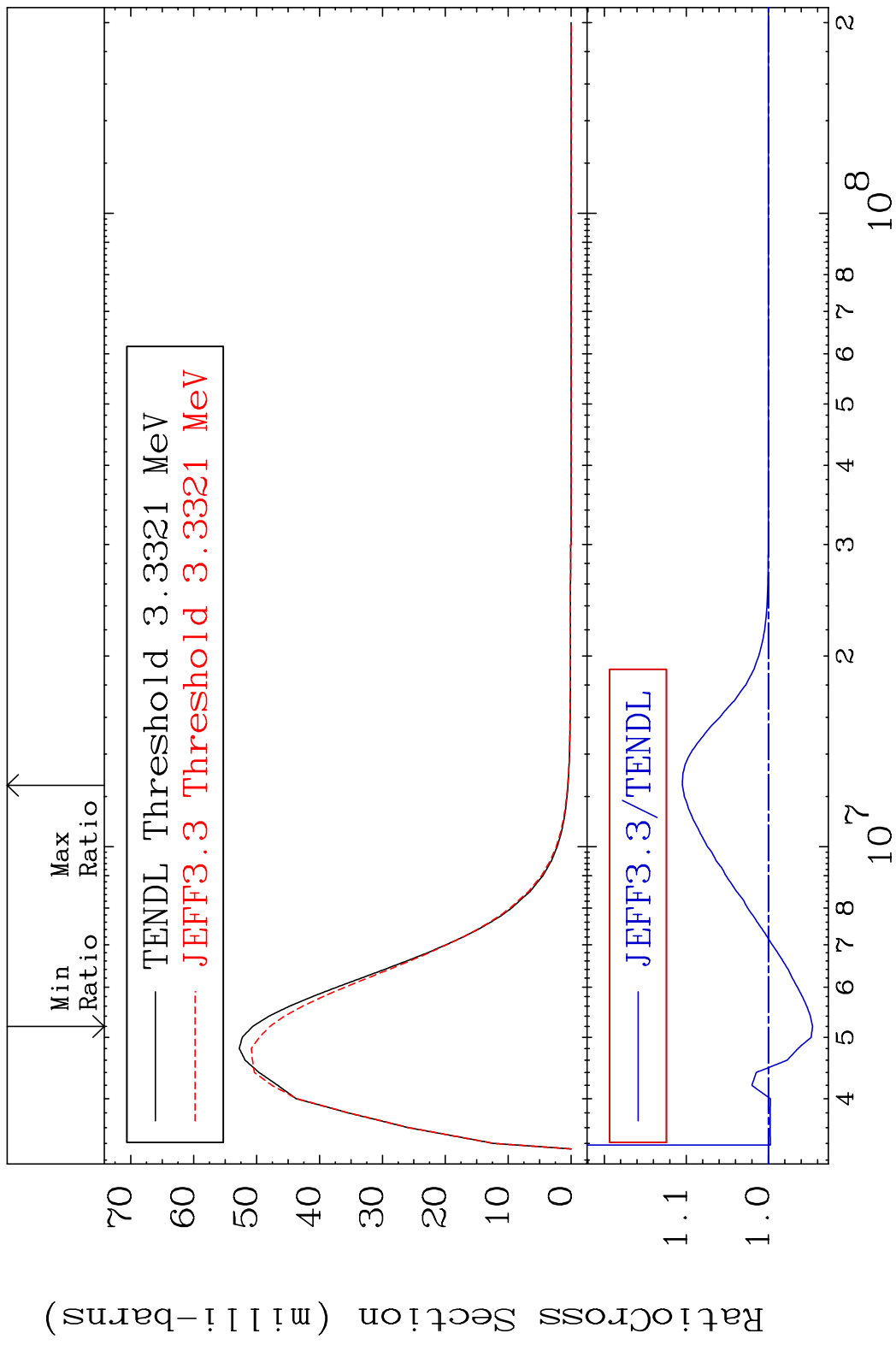


21 Incident Energy (eV) 20-Ca-42

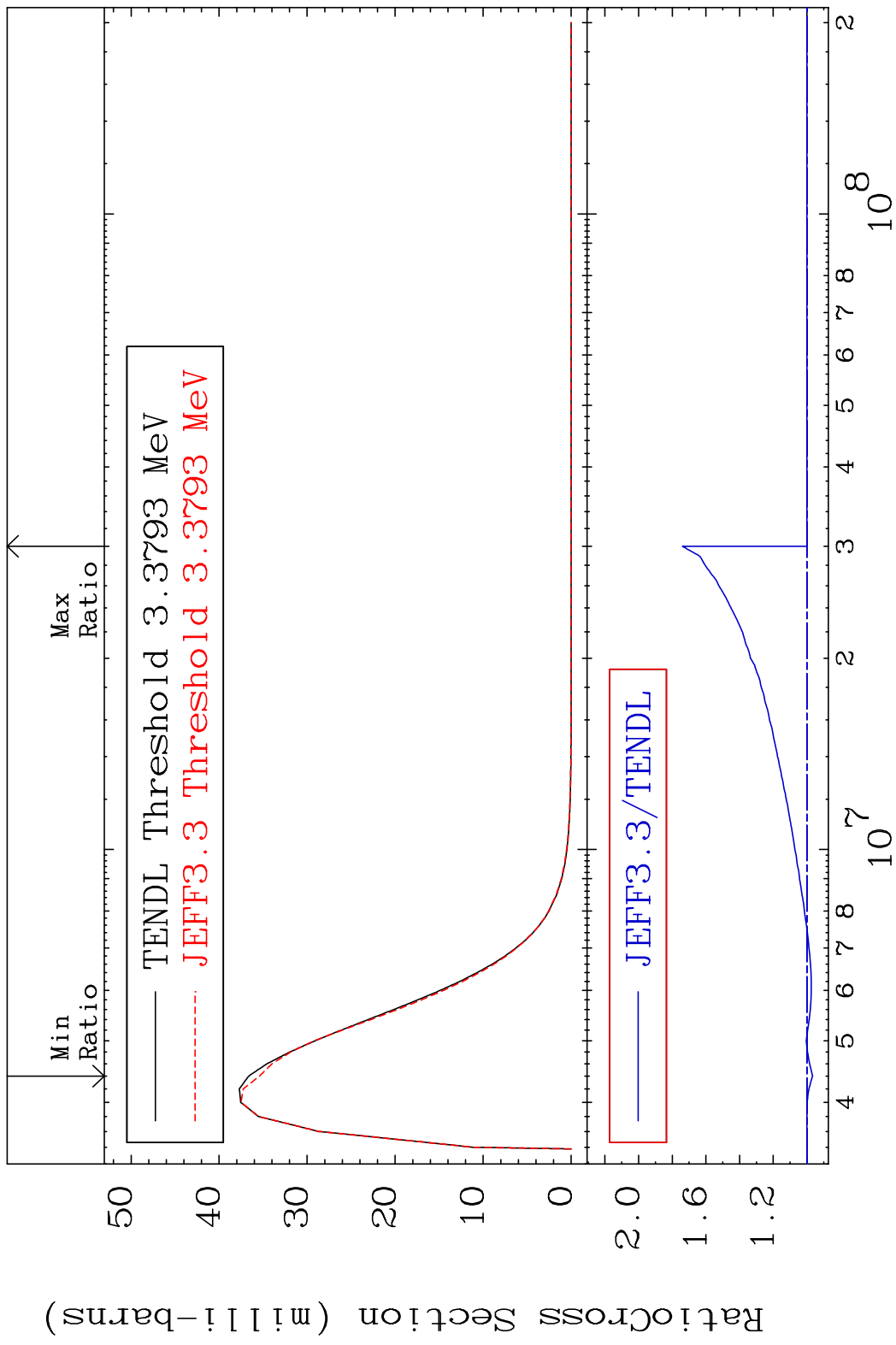
MAT 2031 MT= 55 (n, n') Level 20-Ca-42
 Cross Section -100.0 To 11.54 %



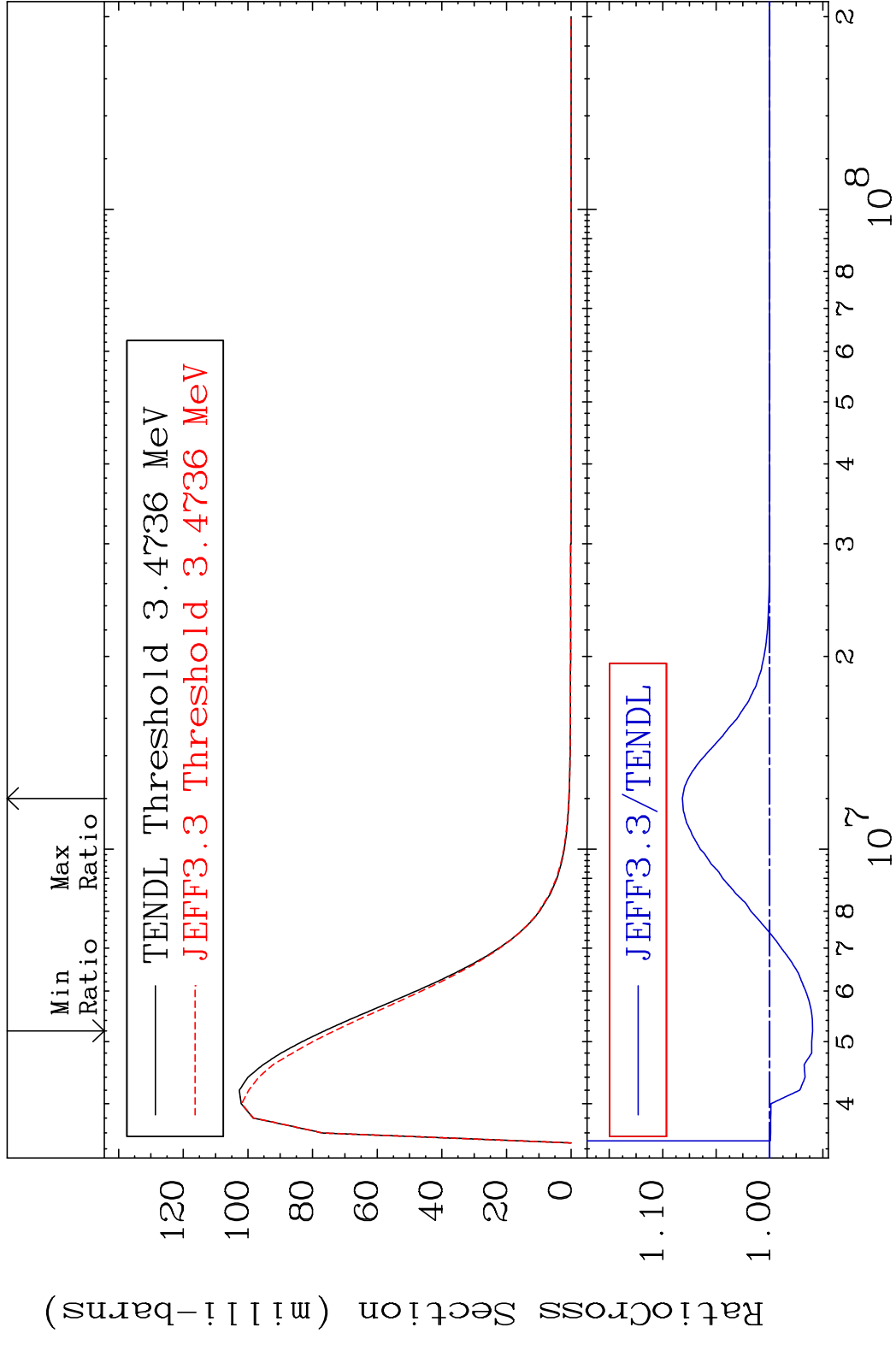
MAT 2031 MT= 56 (n,n') Level 20-Ca-42
 Cross Section -5.376 To 10.49 %



MAT 2031 MT= 57 (n, n') Level 20-Ca-42
 Cross Section -3.376 To 74.00 %



MAT 2031 MT= 58 (n, n') Level 20-Ca-42
 Cross Section -4.025 To 8.161 %

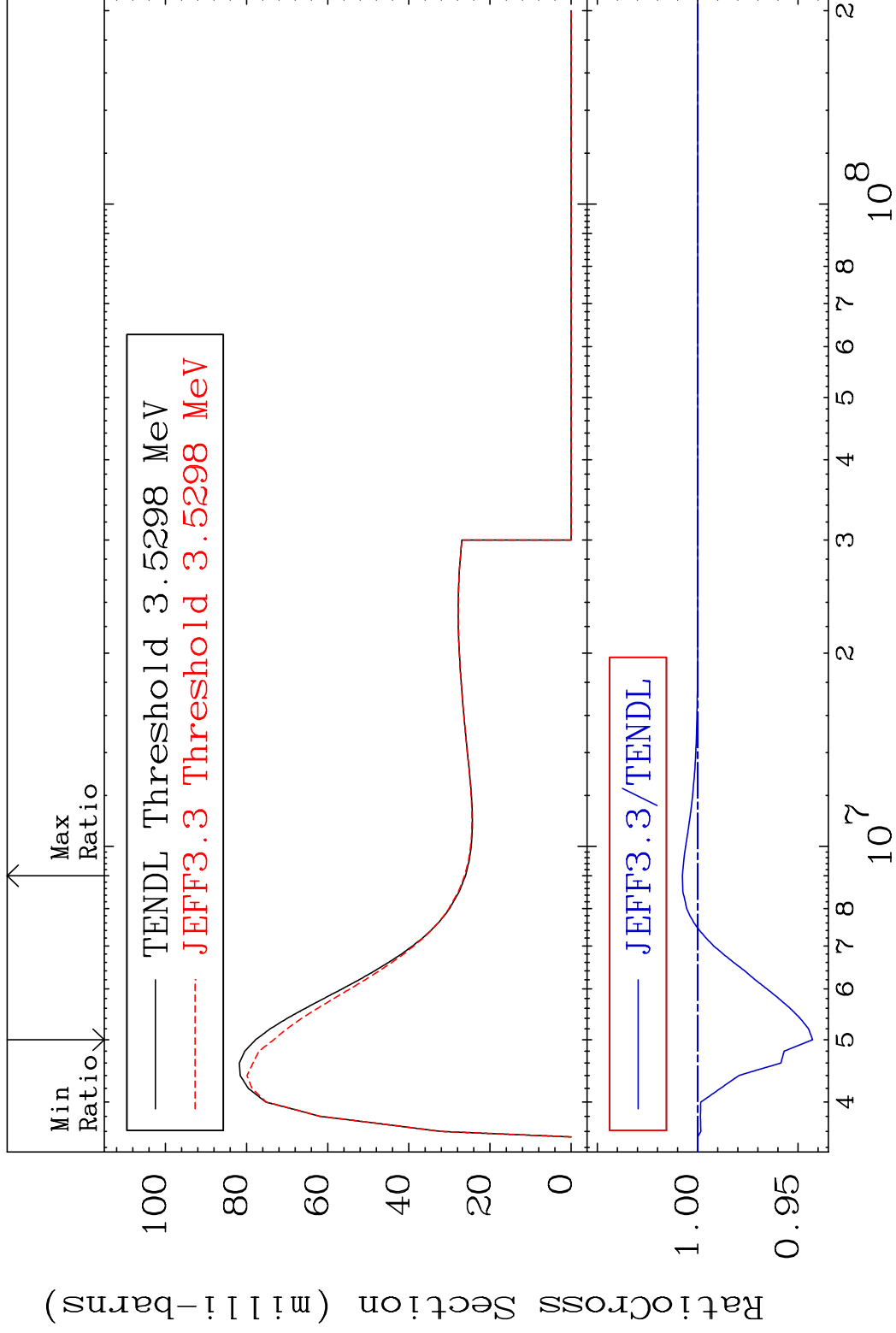


MAT 2031

MT= 59 (n,n') Level

20-Ca-42

Cross Section -5.726 To 0.765 %

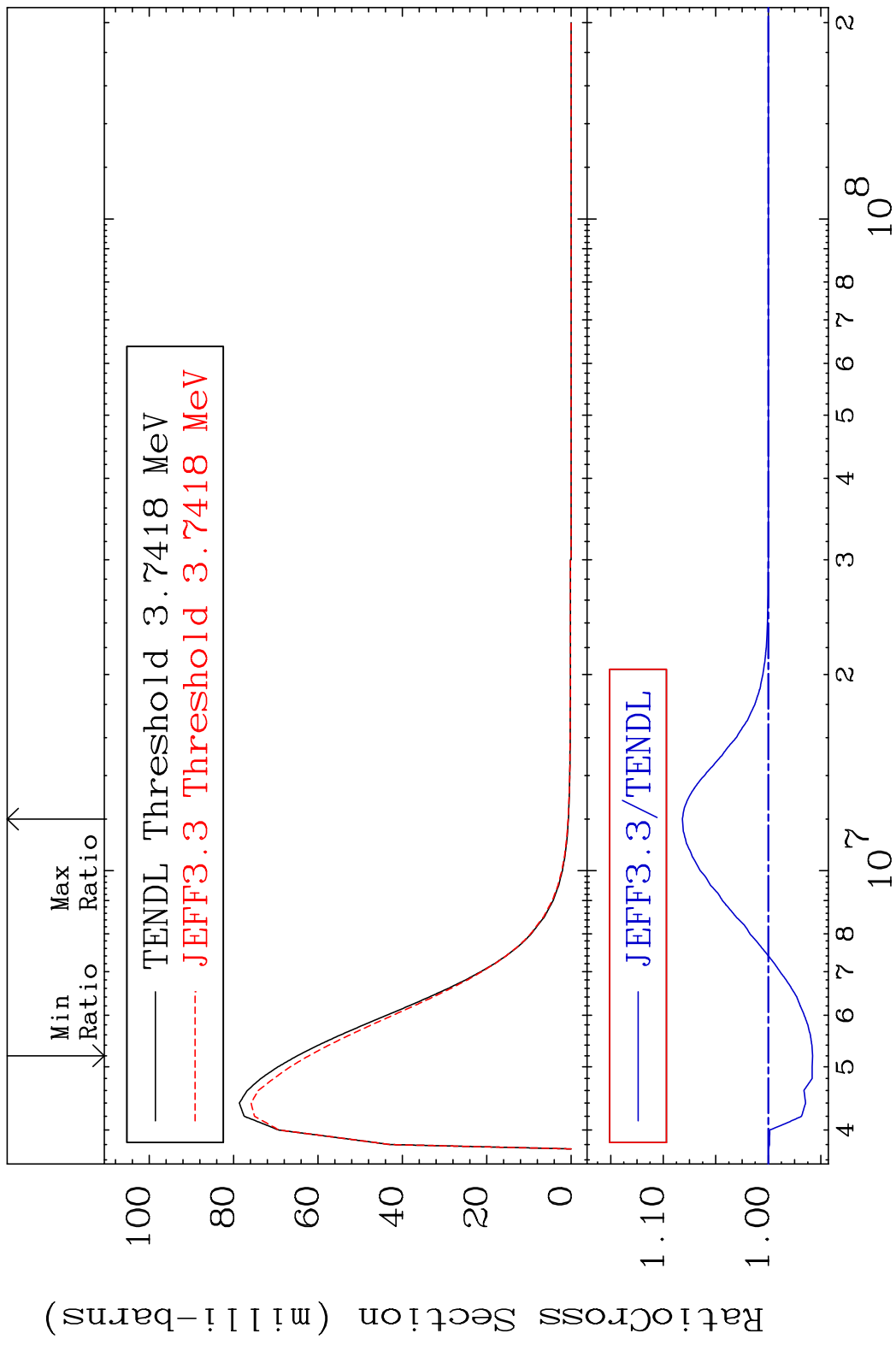


26

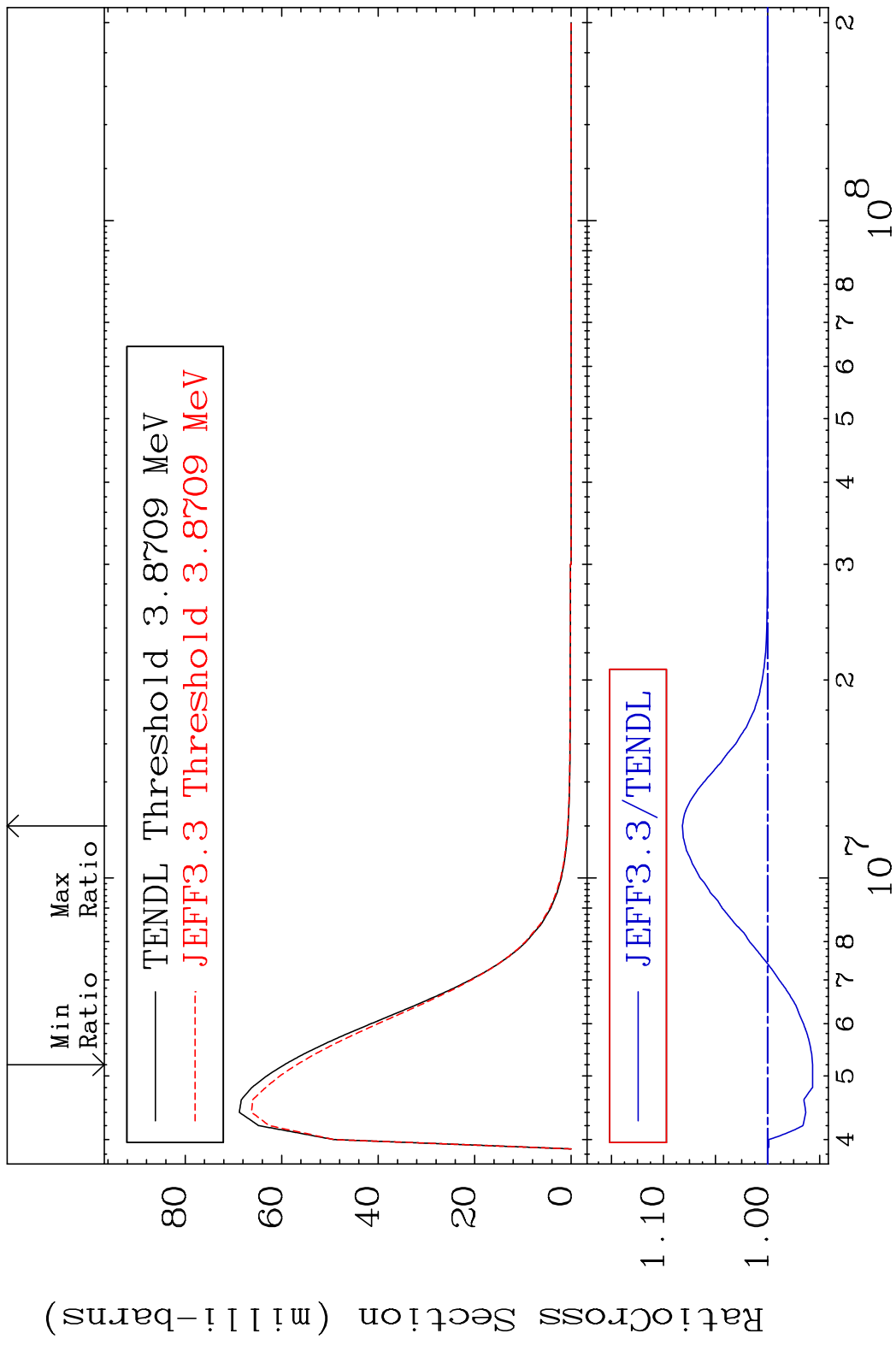
Incident Energy (eV)

20-Ca-42

MAT 2031 MT= 60 (n,n') Level 20-Ca-42
 Cross Section -4.209 To 8.181 %



MAT 2031 MT= 61 (n, n') Level 20-Ca-42
 Cross Section -4.321 To 8.192 %

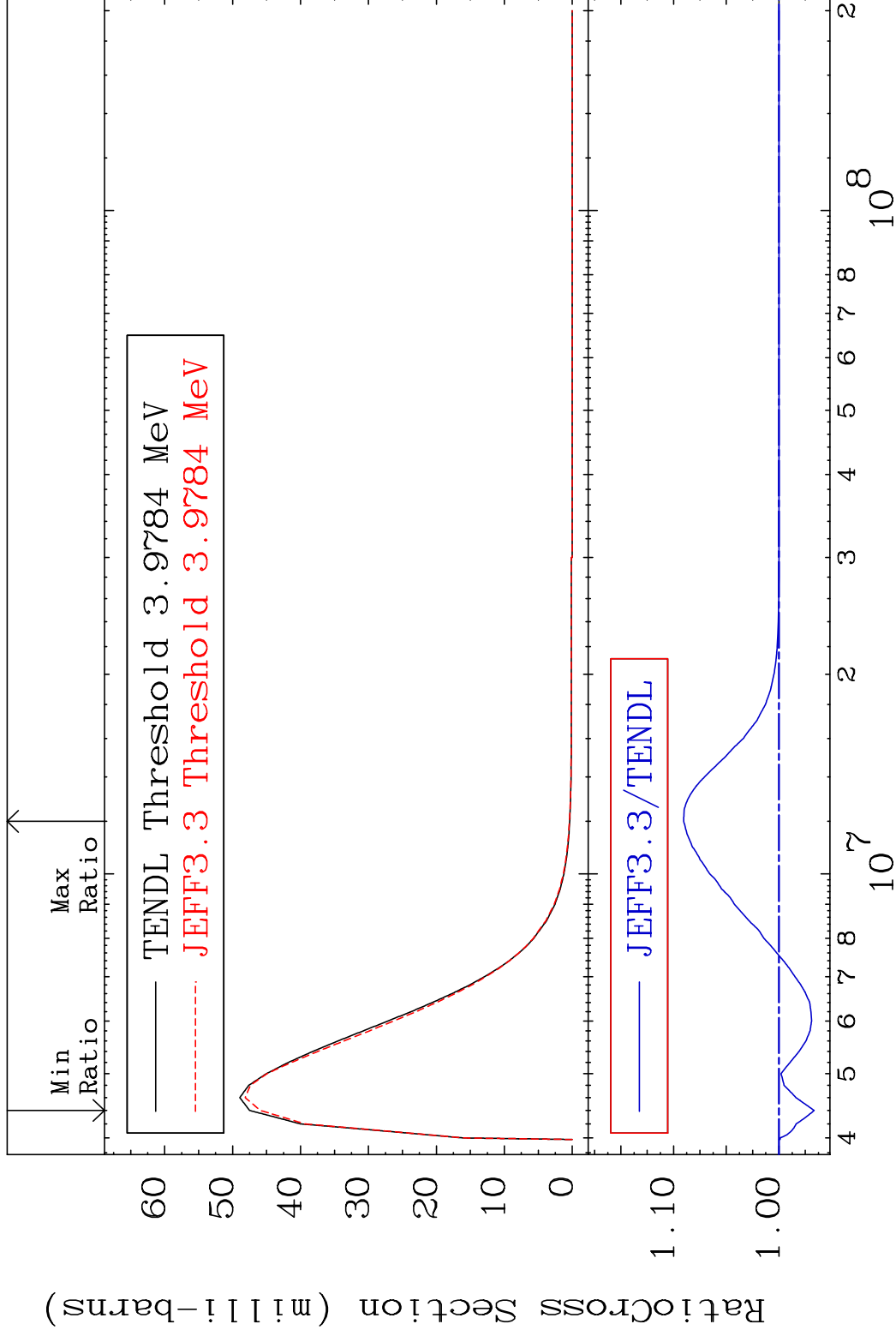


MAT 2031

MT= 62 (n, n') Level

20-Ca-42

Cross Section -3.334 To 9.044 %

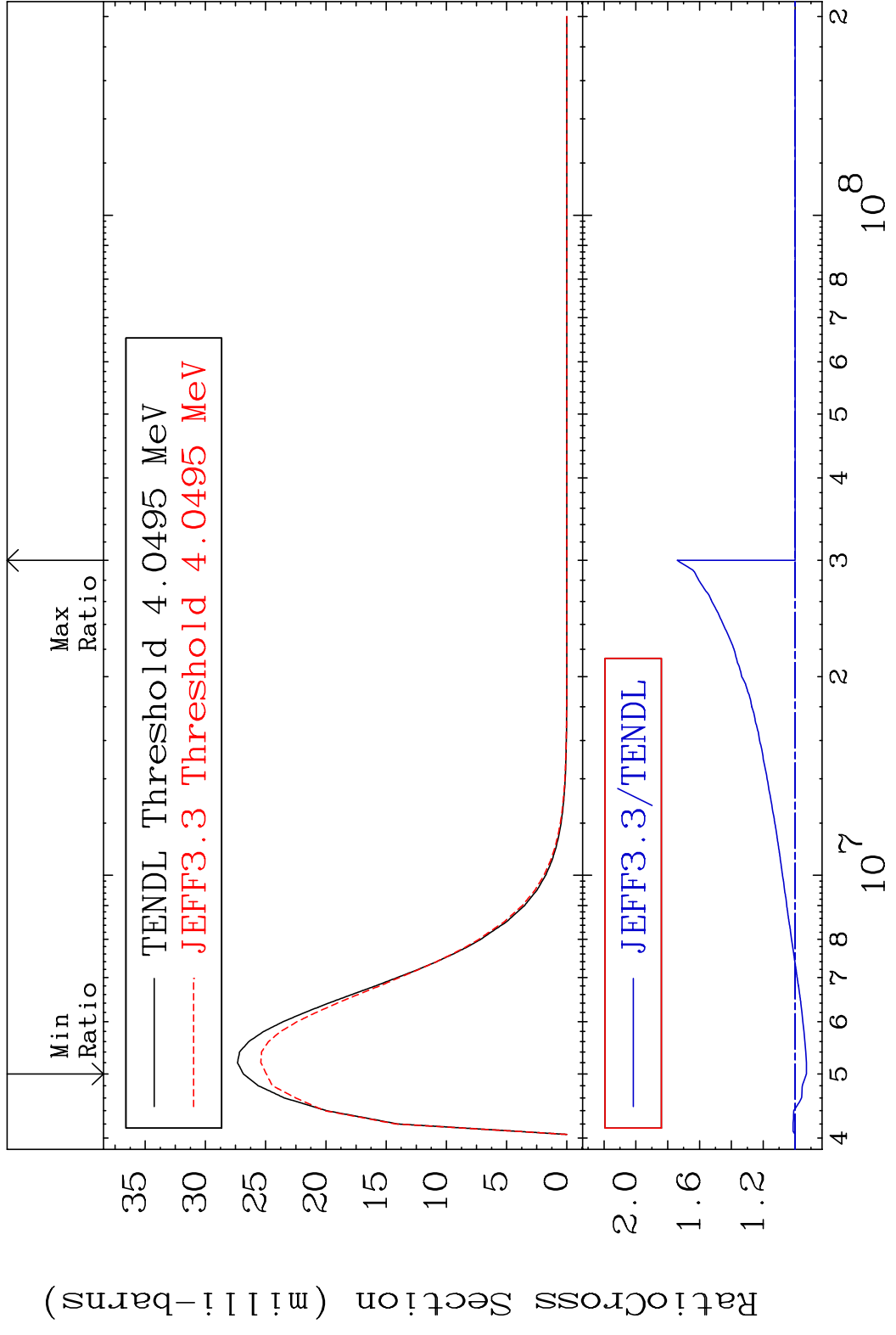


29

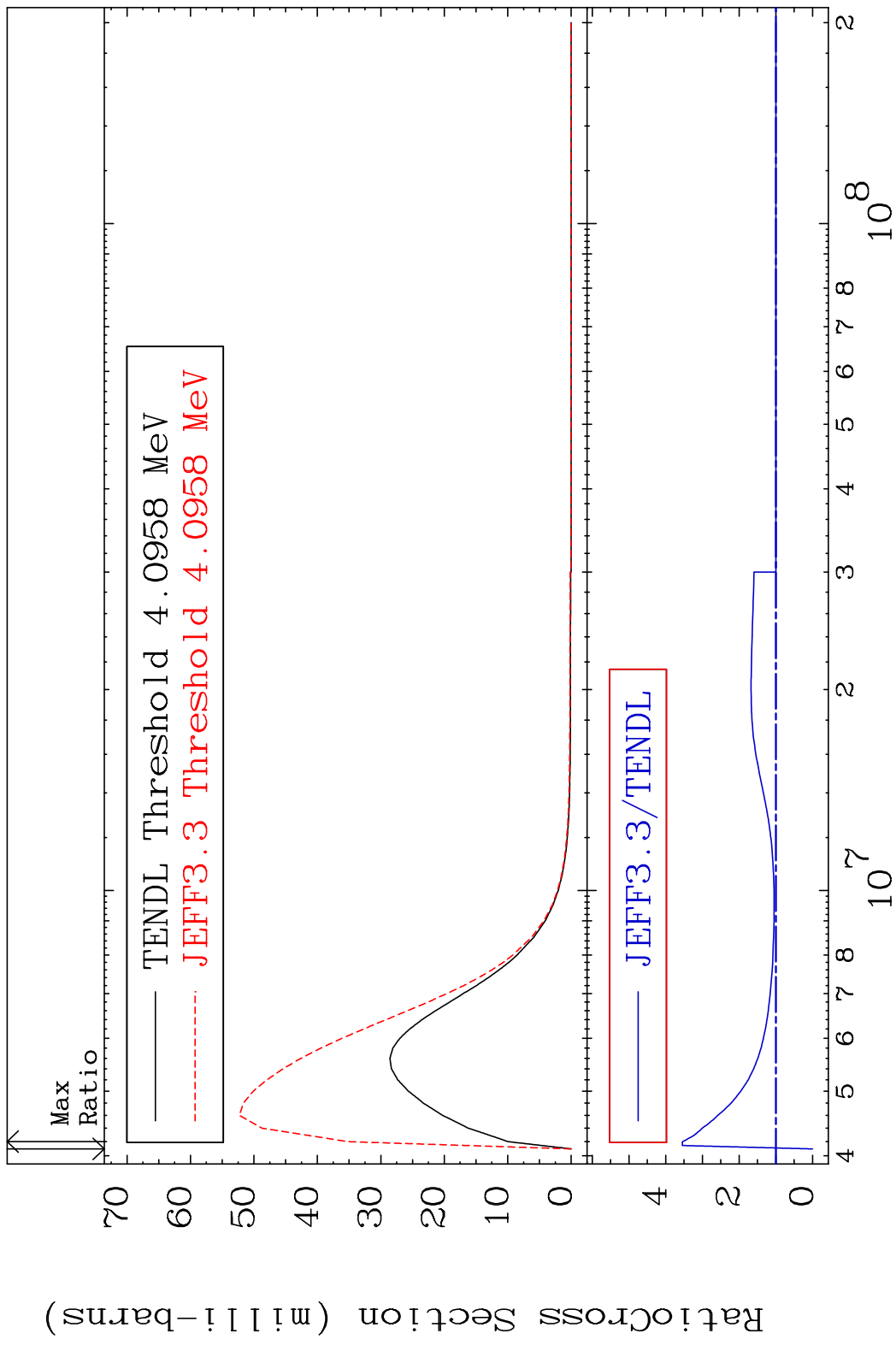
Incident Energy (eV)

20-Ca-42

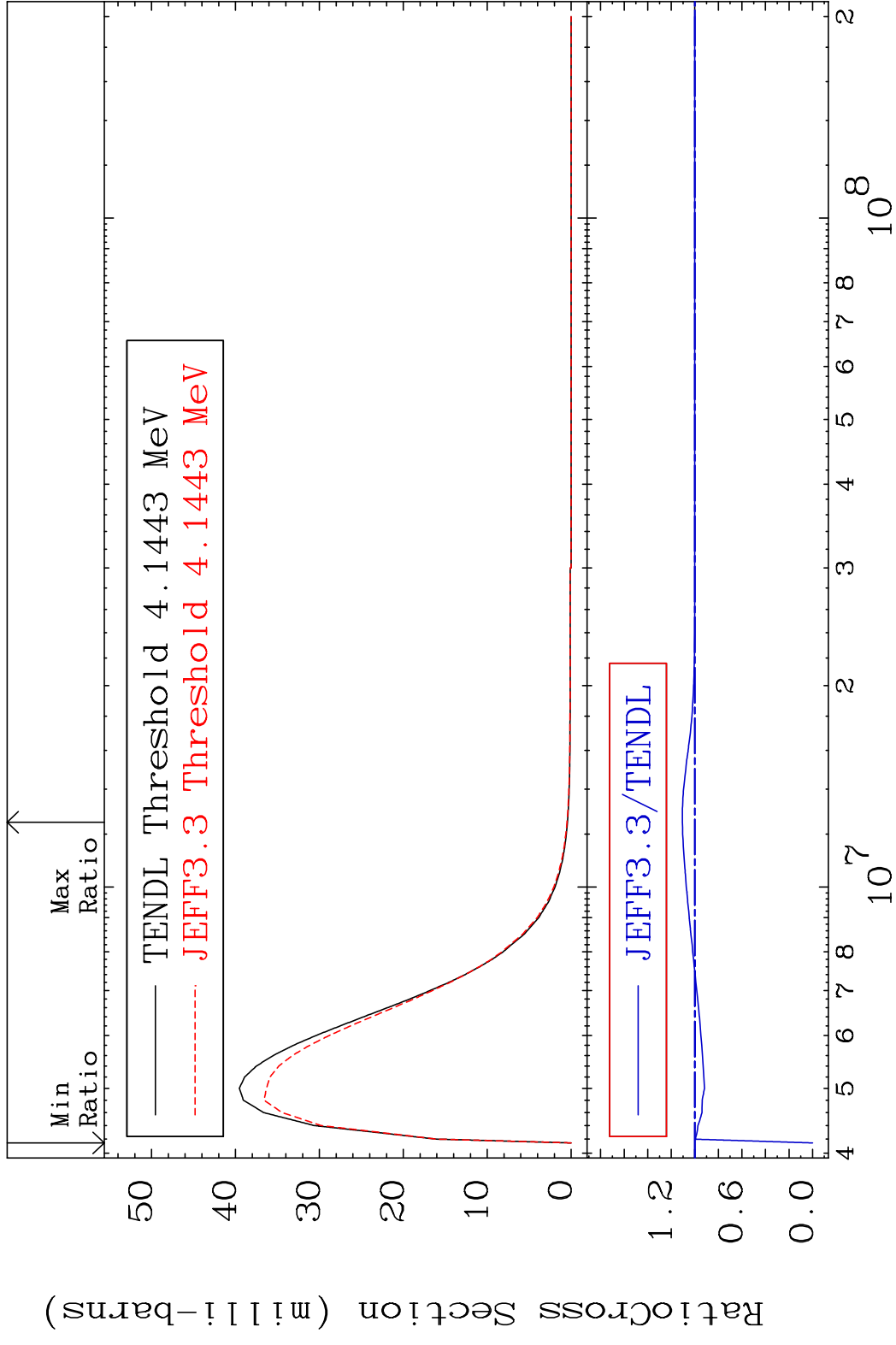
MAT 2031 MT= 63 (n, n') Level 20-Ca-42
 Cross Section -7.113 To 74.06 %



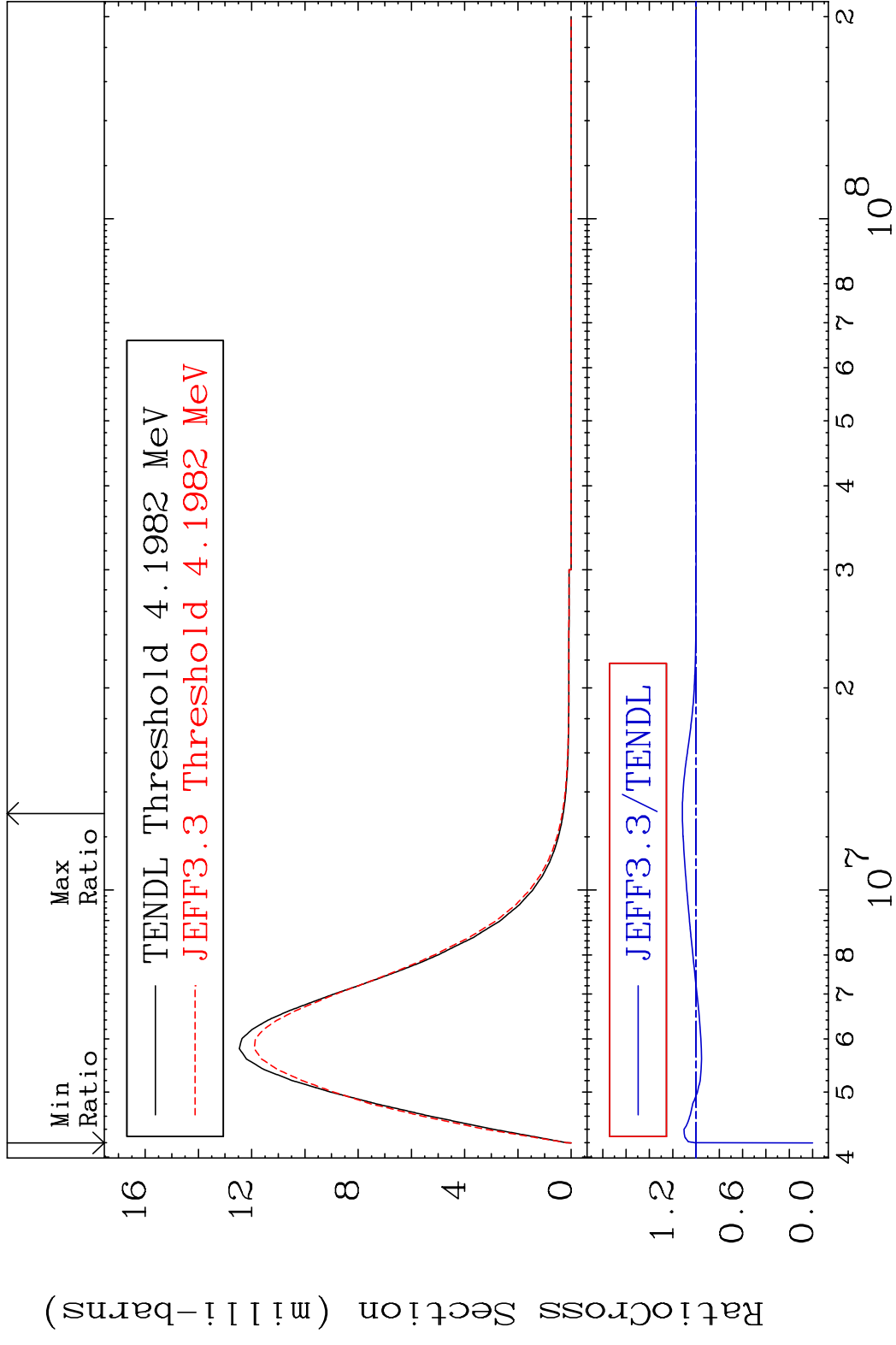
MAT 2031 MT= 64 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 254.6 %



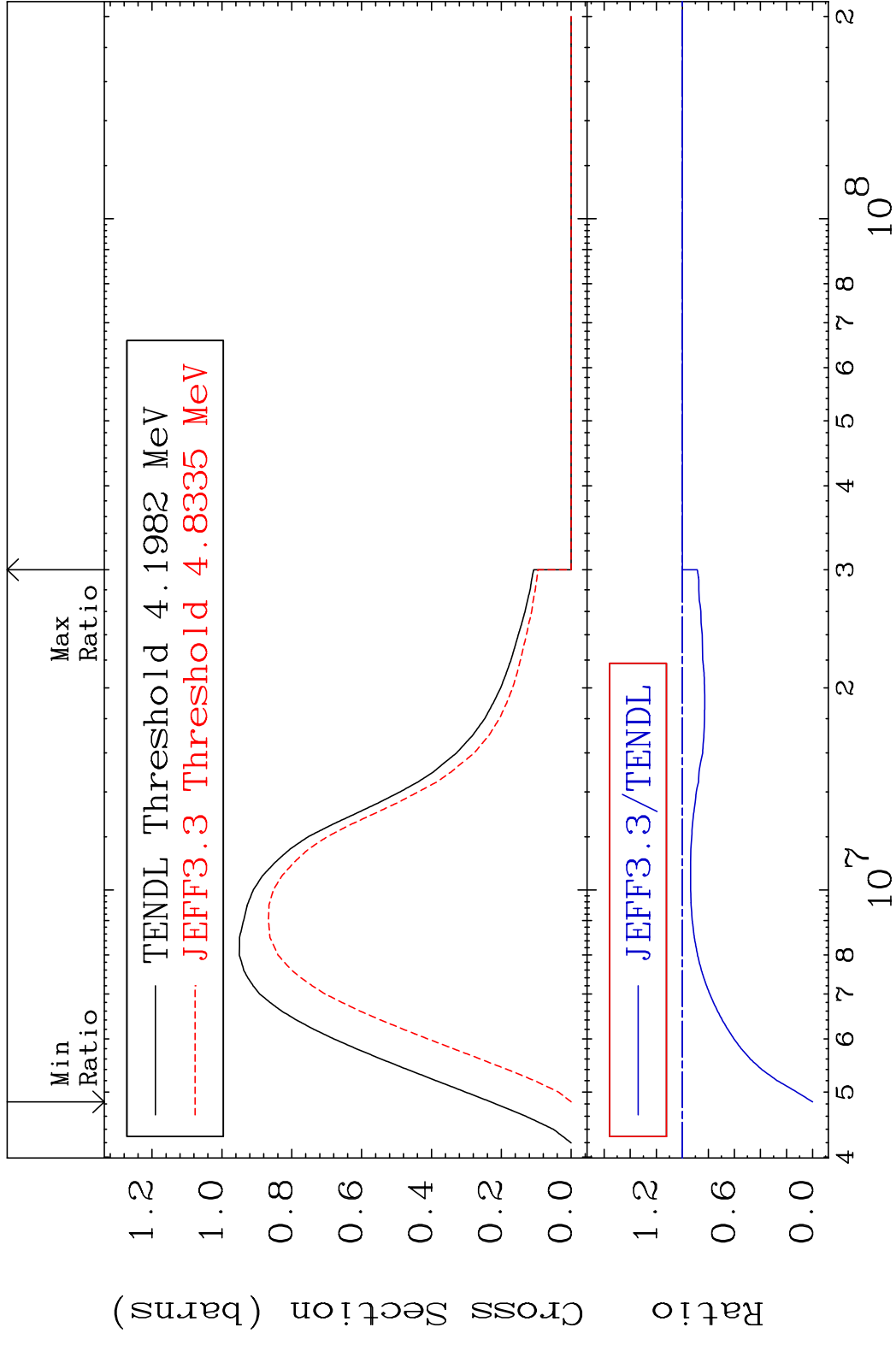
MAT 2031 MT= 65 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 10.58 %



MAT 2031 MT= 66 (n,n') Level 20-Ca-42
 Cross Section -100.0 To 11.74 %



MAT 2031 (n, n') Continuum 20-Ca-42
 Cross Section -100.0 To 0.000 %

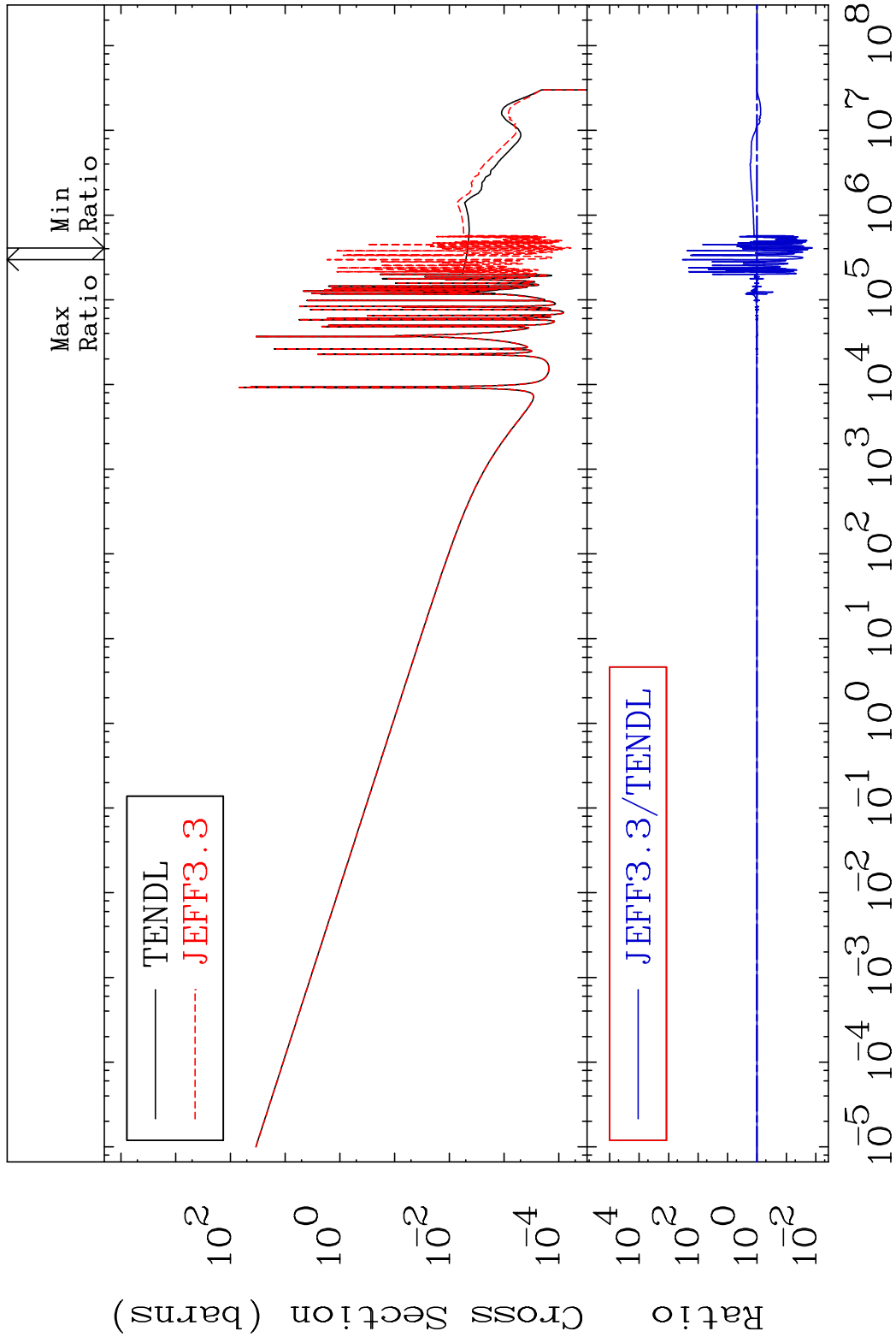


MAT 2031

(n, γ)

20-Ca-42

Cross Section -98.71 To 9999. %



35

Incident Energy (eV)

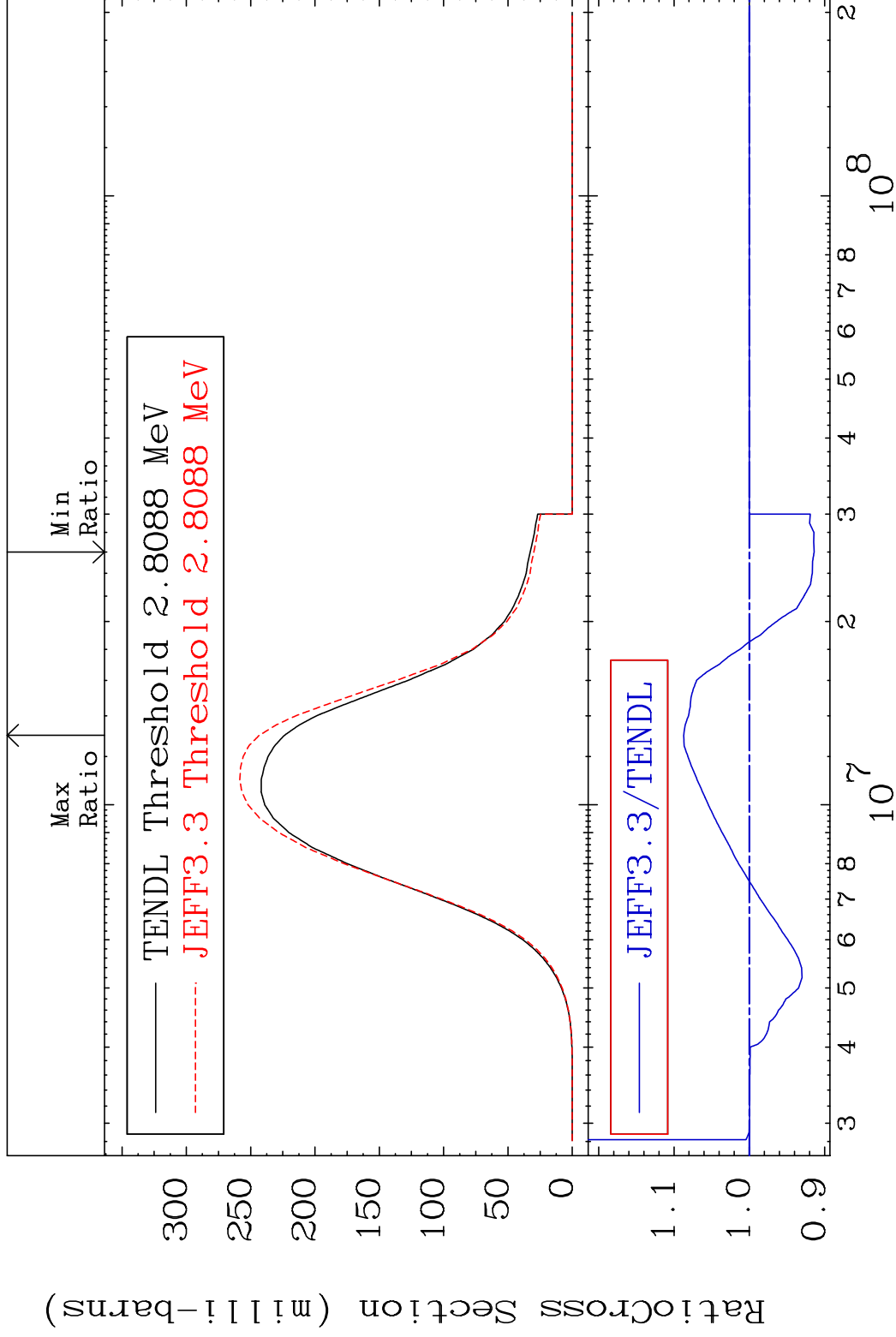
20-Ca-42

MAT 2031

(n, p)

20-Ca-42

Cross Section -8.611 To 8.715 %



36

Incident Energy (eV)

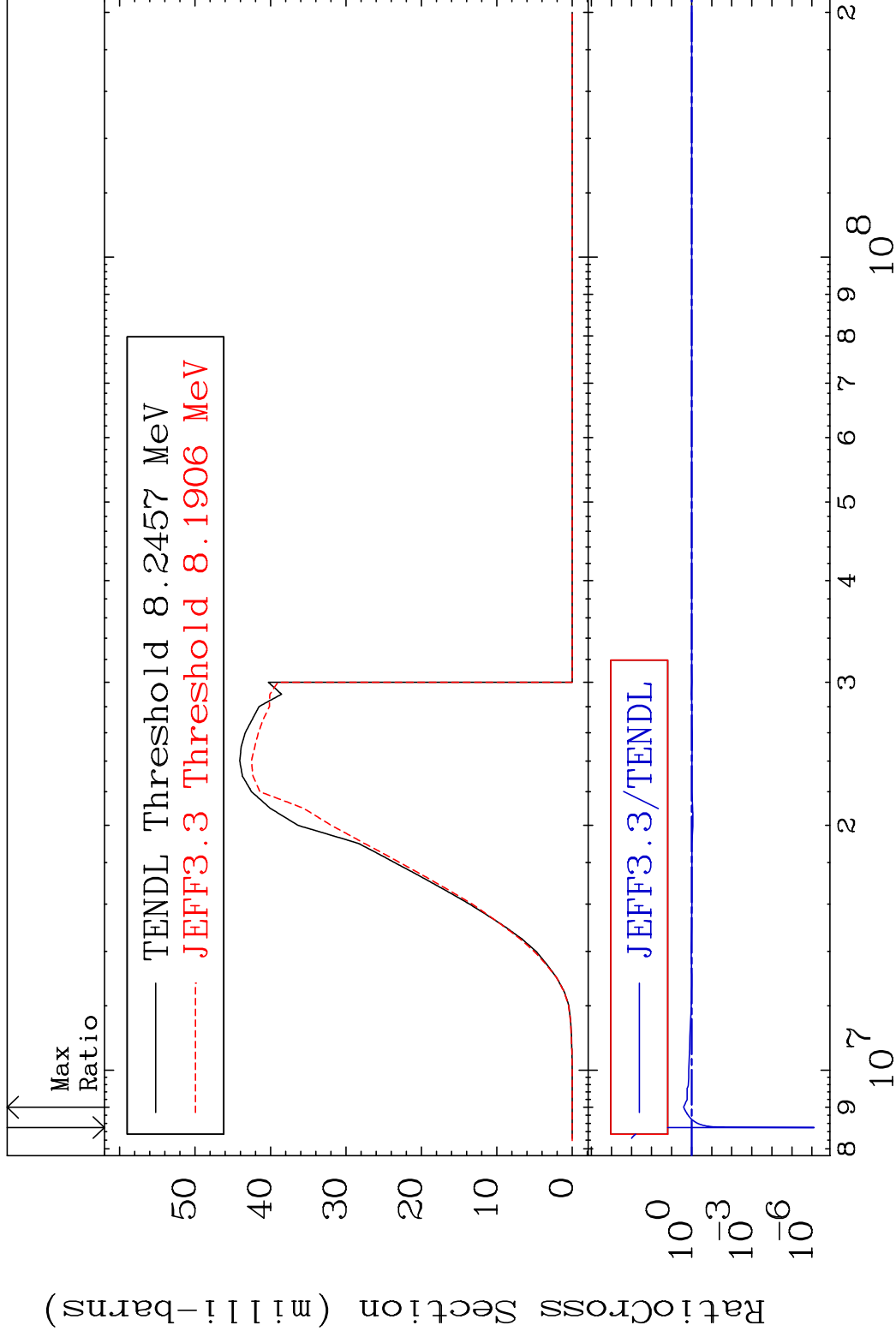
20-Ca-42

MAT 2031

(n, d)

20-Ca-42

Cross Section -100.0 To 151.3 %



37

Incident Energy (eV)

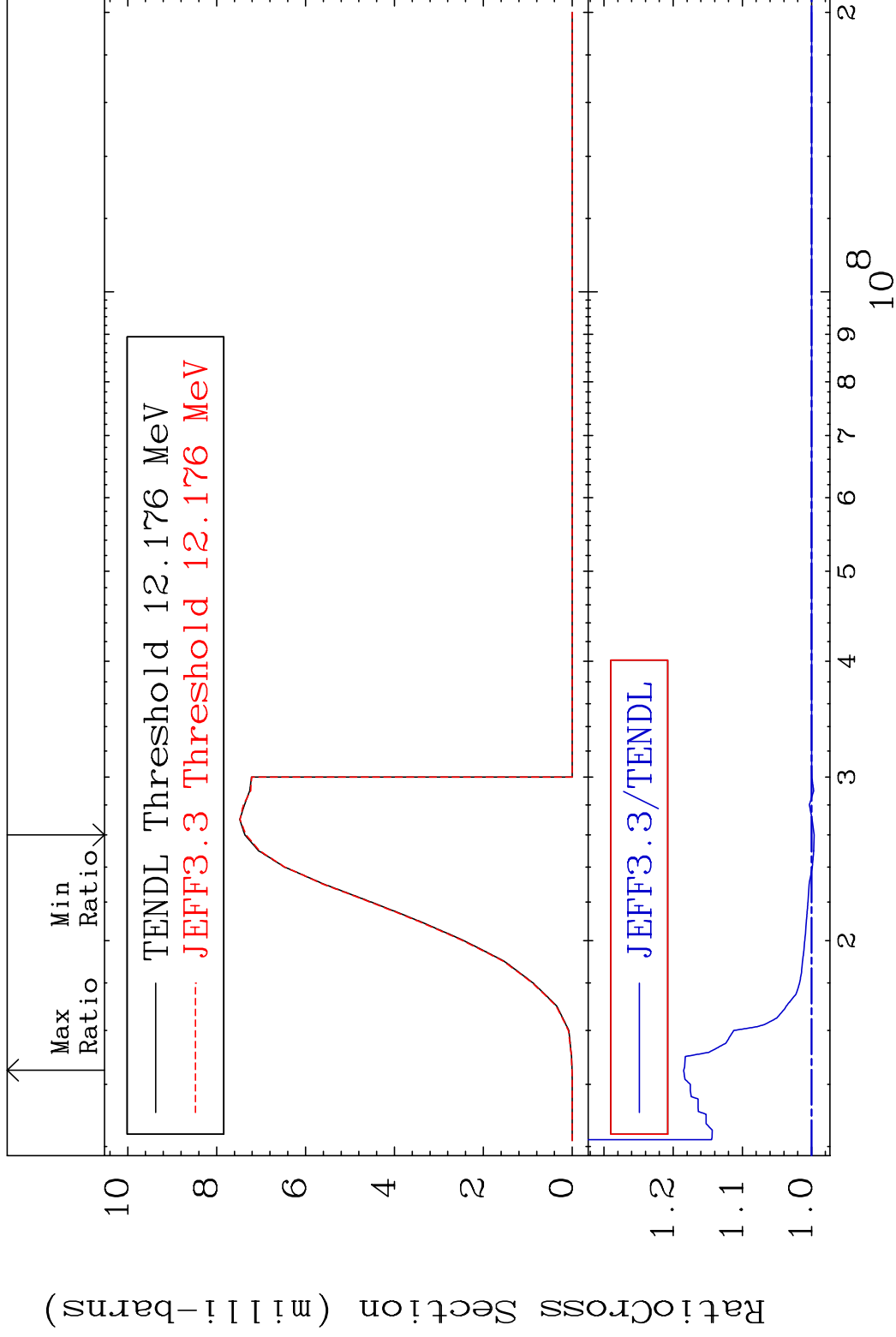
20-Ca-42

MAT 2031

(n, t)

20-Ca-42

Cross Section -0.364 To 18.49 %

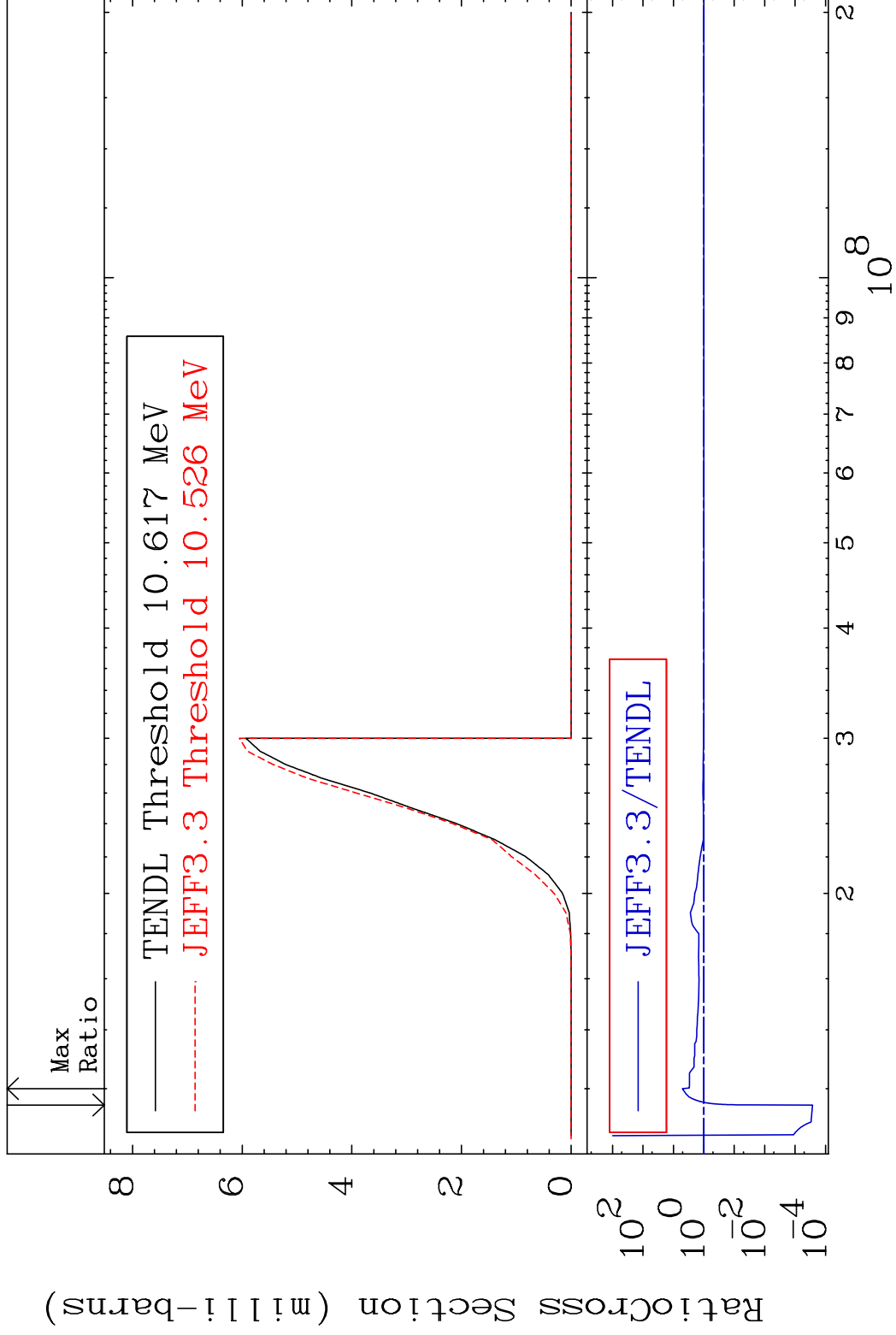


MAT 2031

(n, He-3)

20-Ca-42

Cross Section -99.97 To 407.2 %



39

Incident Energy (eV)

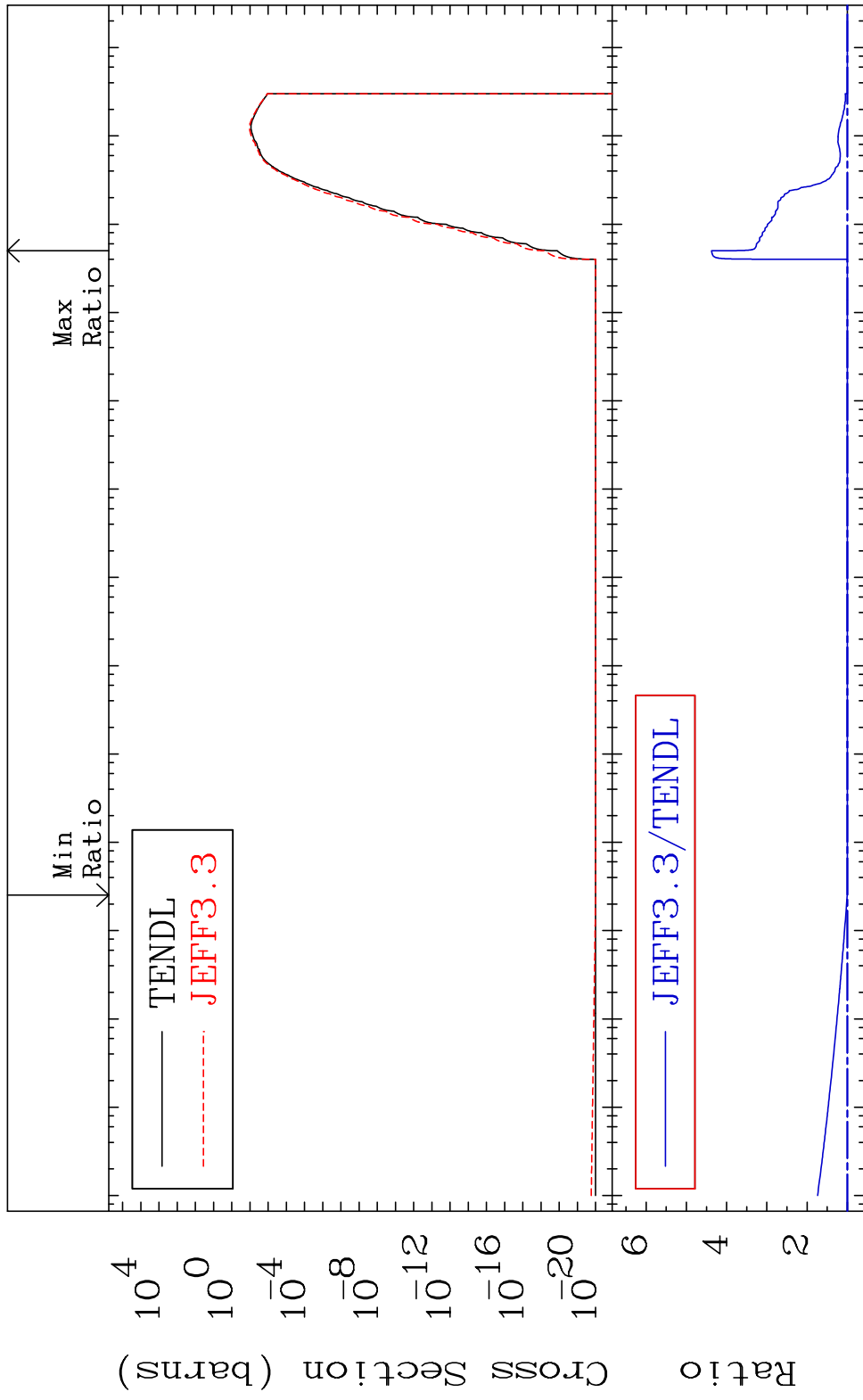
20-Ca-42

MAT 2031

(n, α)

20-Ca-42

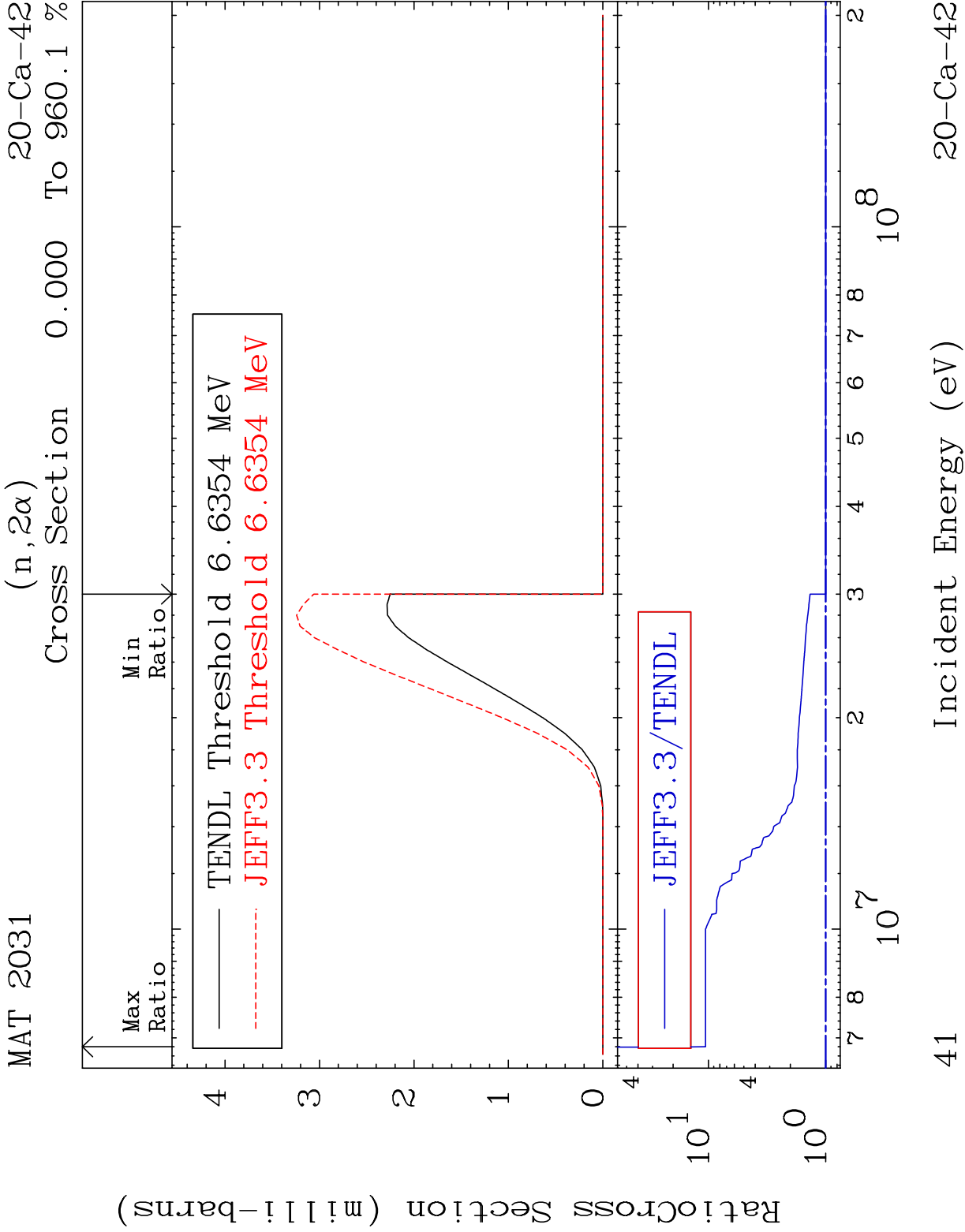
Cross Section 0.000 To 337.4 %



40

Incident Energy (eV)

20-Ca-42

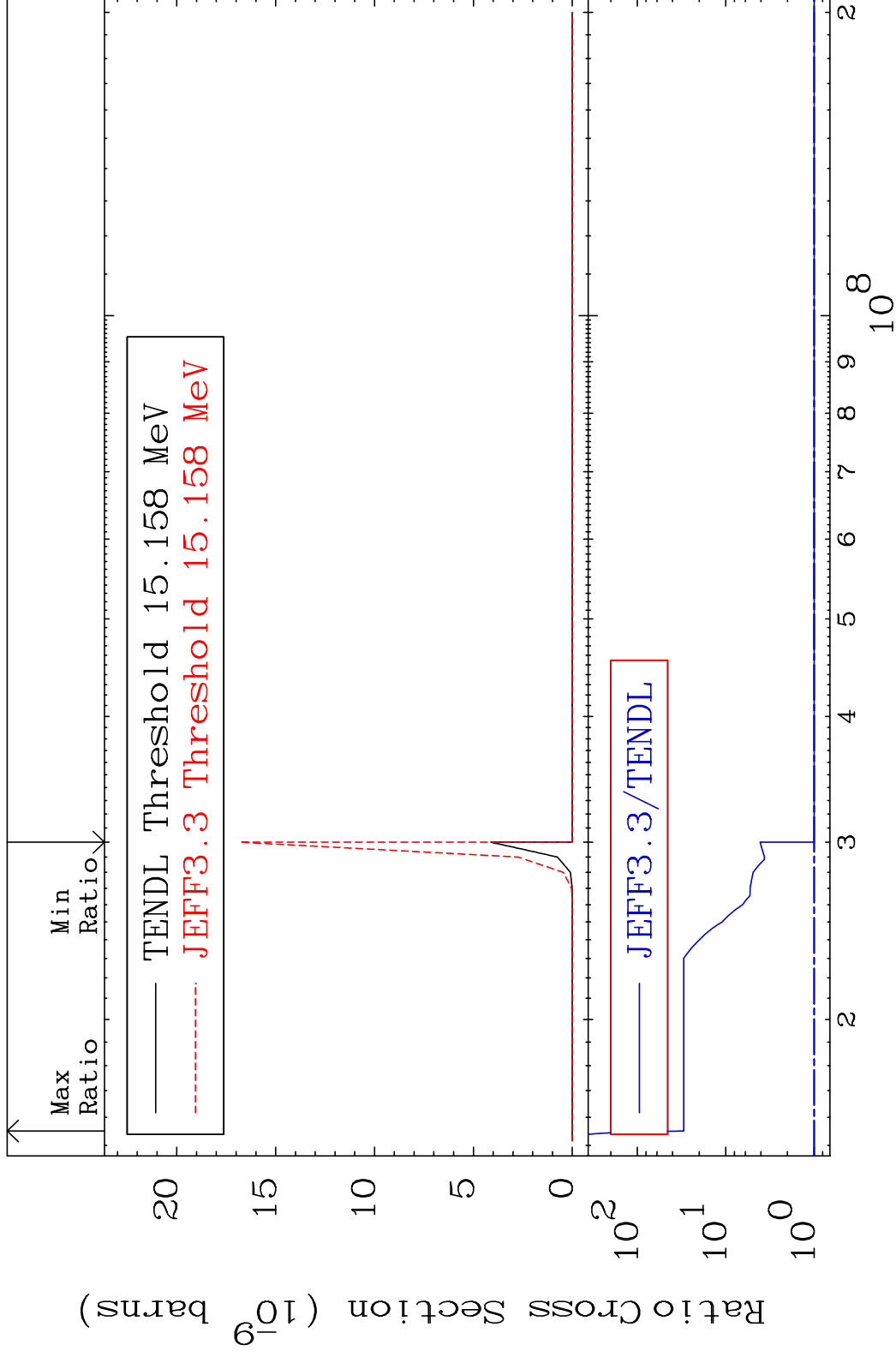


MAT 2031

(n,3 α)

20-Ca-42

Cross Section 0.000 To 2895. %



42

Incident Energy (eV)

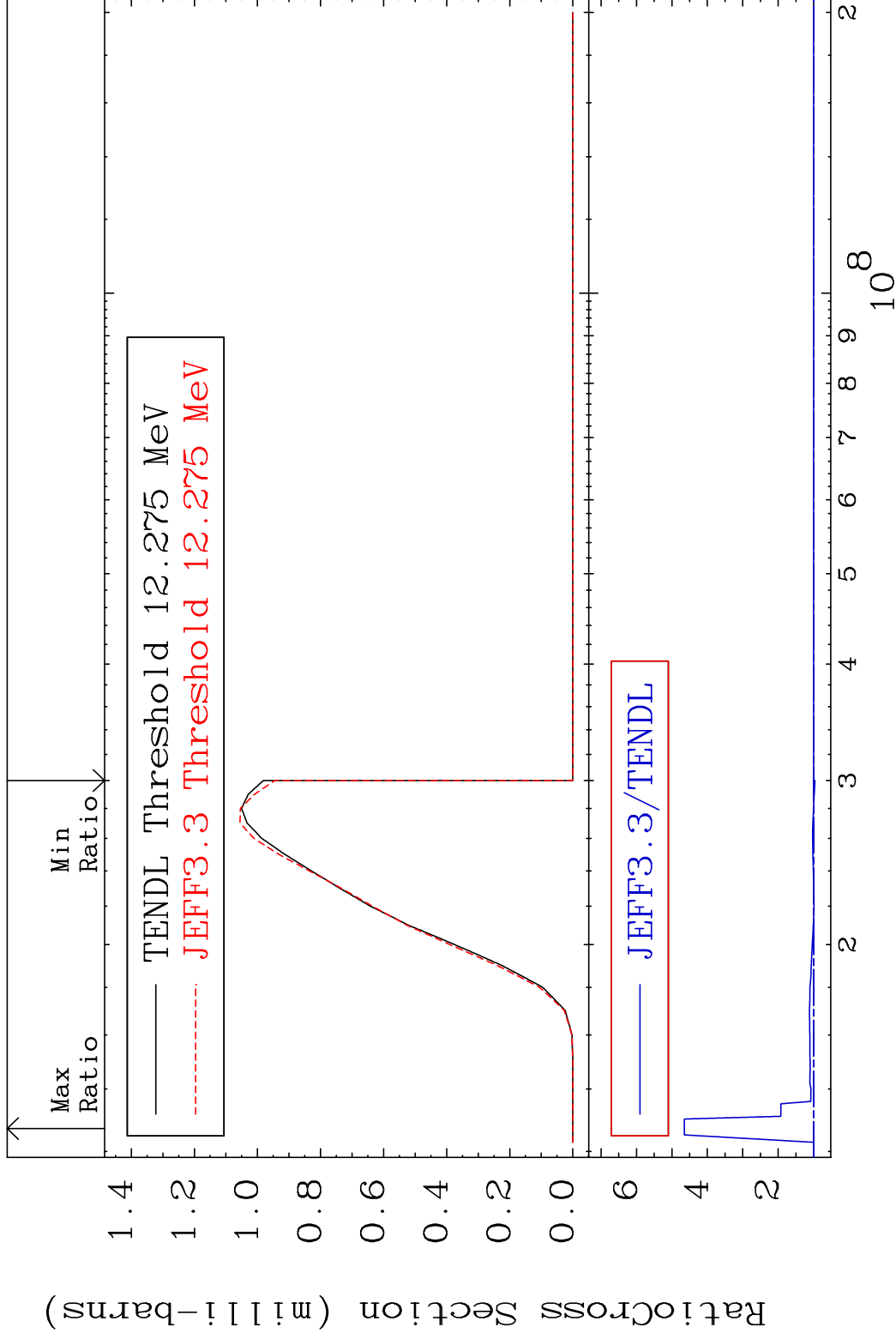
20-Ca-42

MAT 2031

(n,2p)

20-Ca-42

Cross Section -3.682 To 365.0 %



43

Incident Energy (eV)

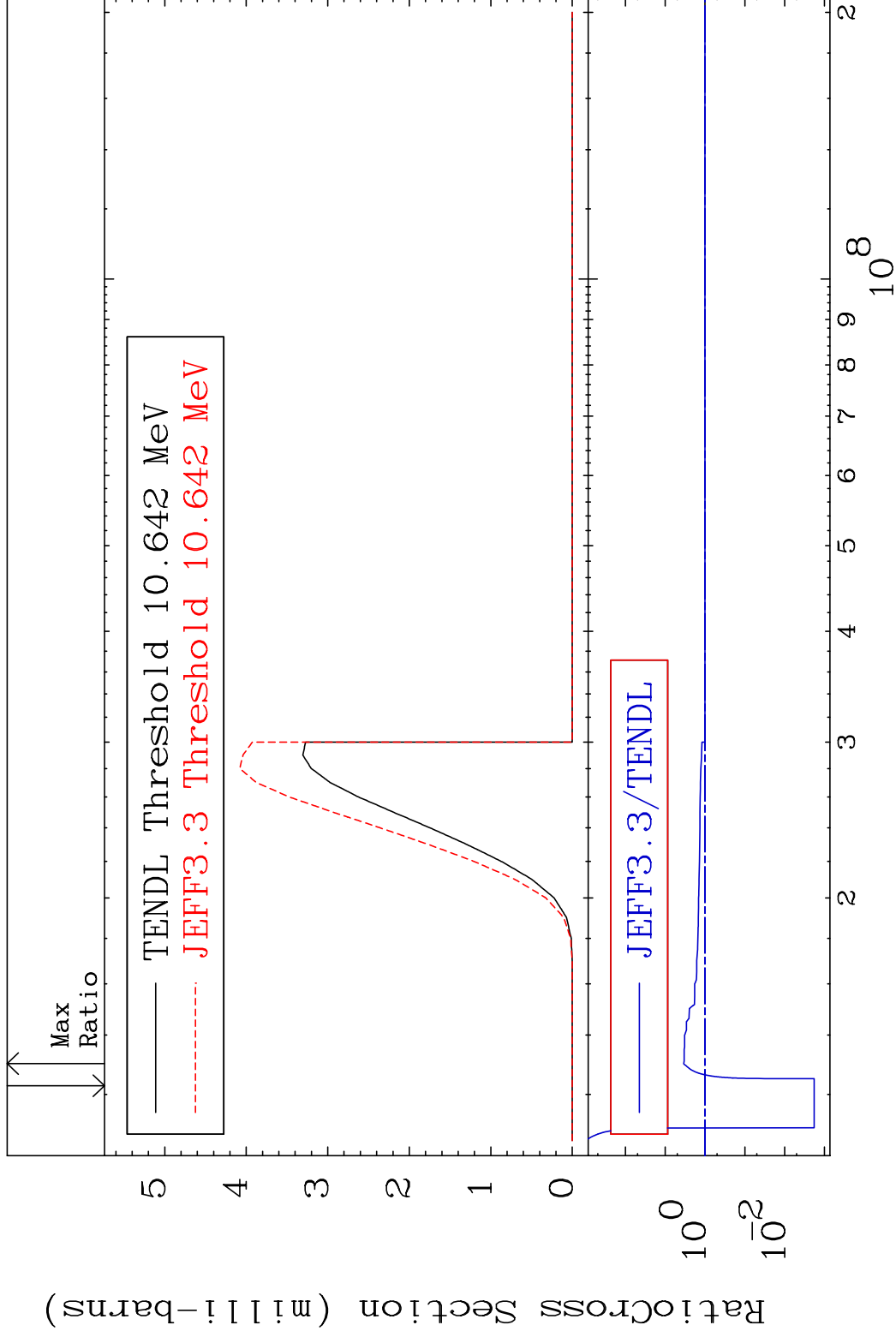
20-Ca-42

MAT 2031

(n,p) α

20-Ca-42

Cross Section -99.82 To 244.9 %



44

Incident Energy (eV)

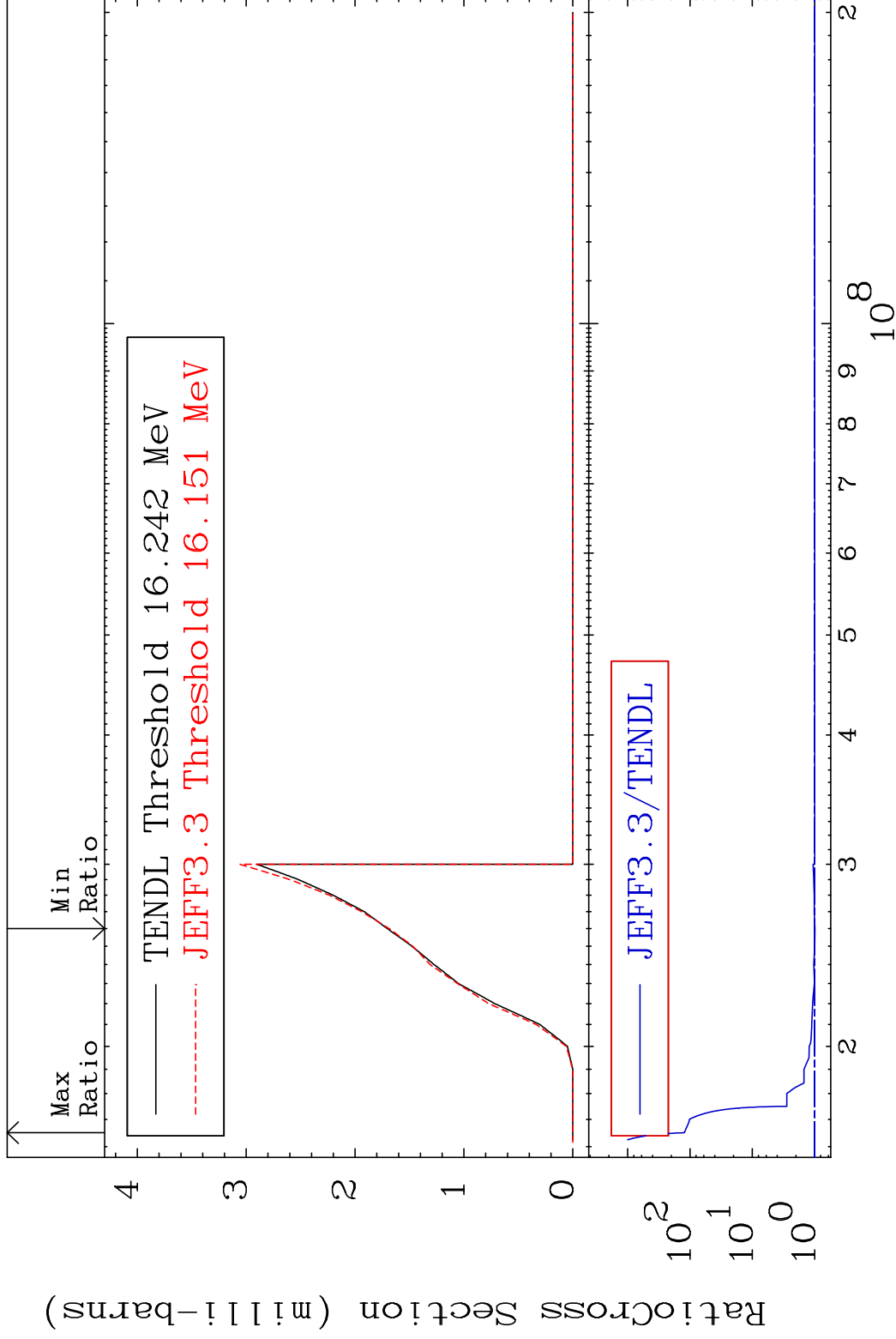
20-Ca-42

MAT 2031

(n,p) d

20-Ca-42

Cross Section -0.989 To 9999. %



45

Incident Energy (eV)

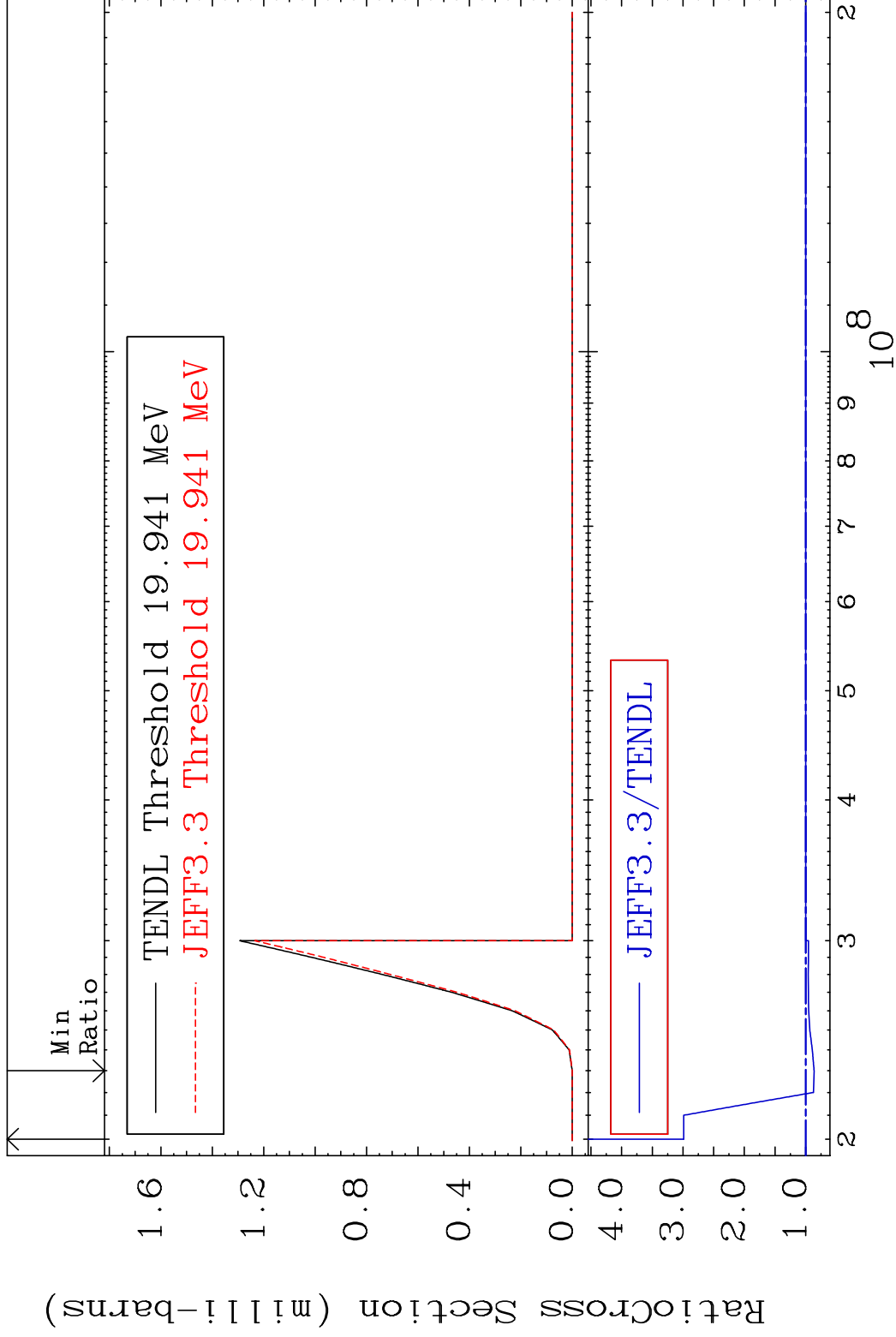
20-Ca-42

MAT 2031

(n,p) t

20-Ca-42

Cross Section -13.74 To 198.9 %



46

Incident Energy (eV)

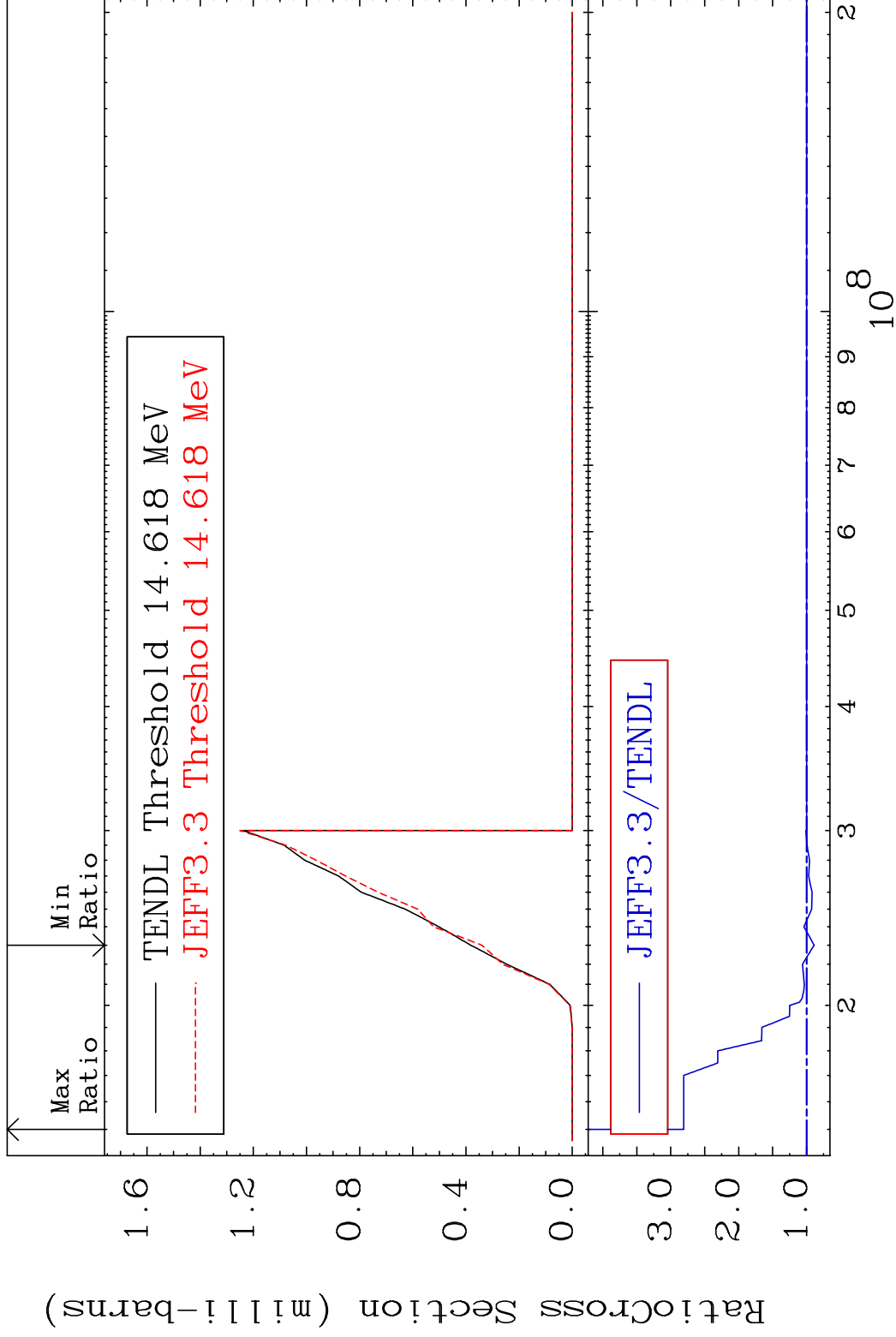
20-Ca-42

MAT 2031

(n,d) α

20-Ca-42

Cross Section -11.03 To 181.0 %



47

Incident Energy (eV)

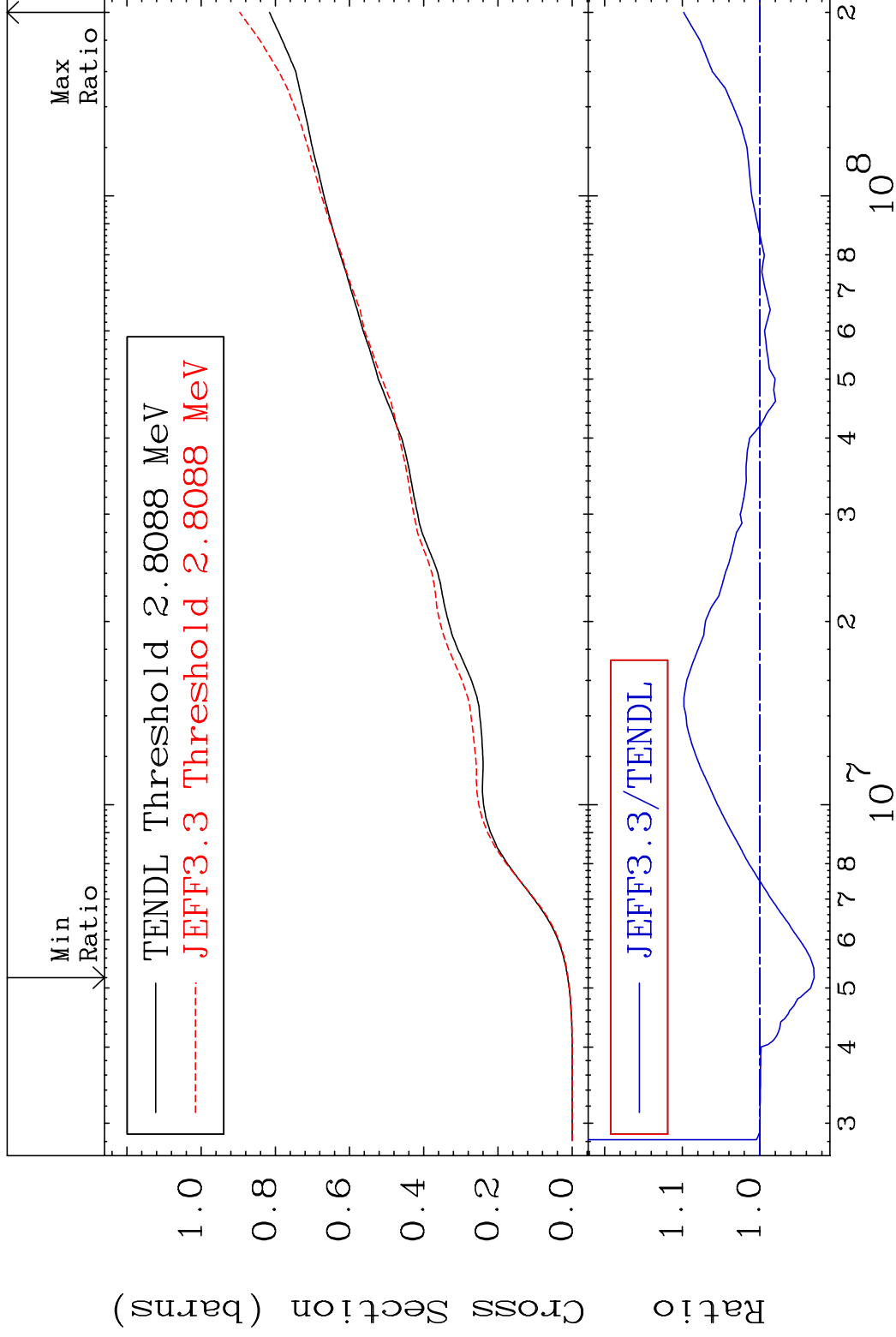
20-Ca-42

MAT 2031

Hydrogen Production

20-Ca-42

Cross Section -6.995 To 9.825 %

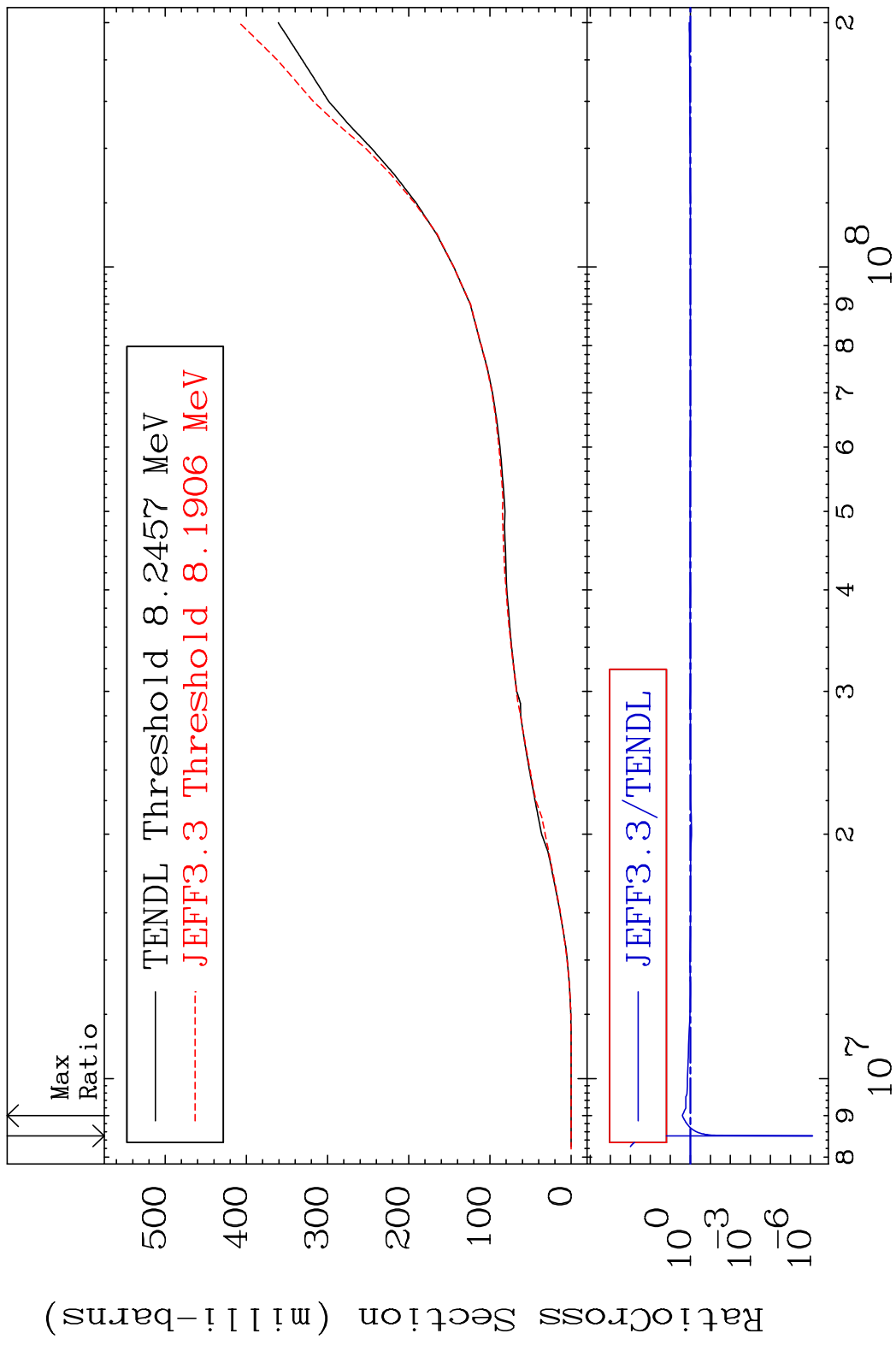


48

Incident Energy (eV)

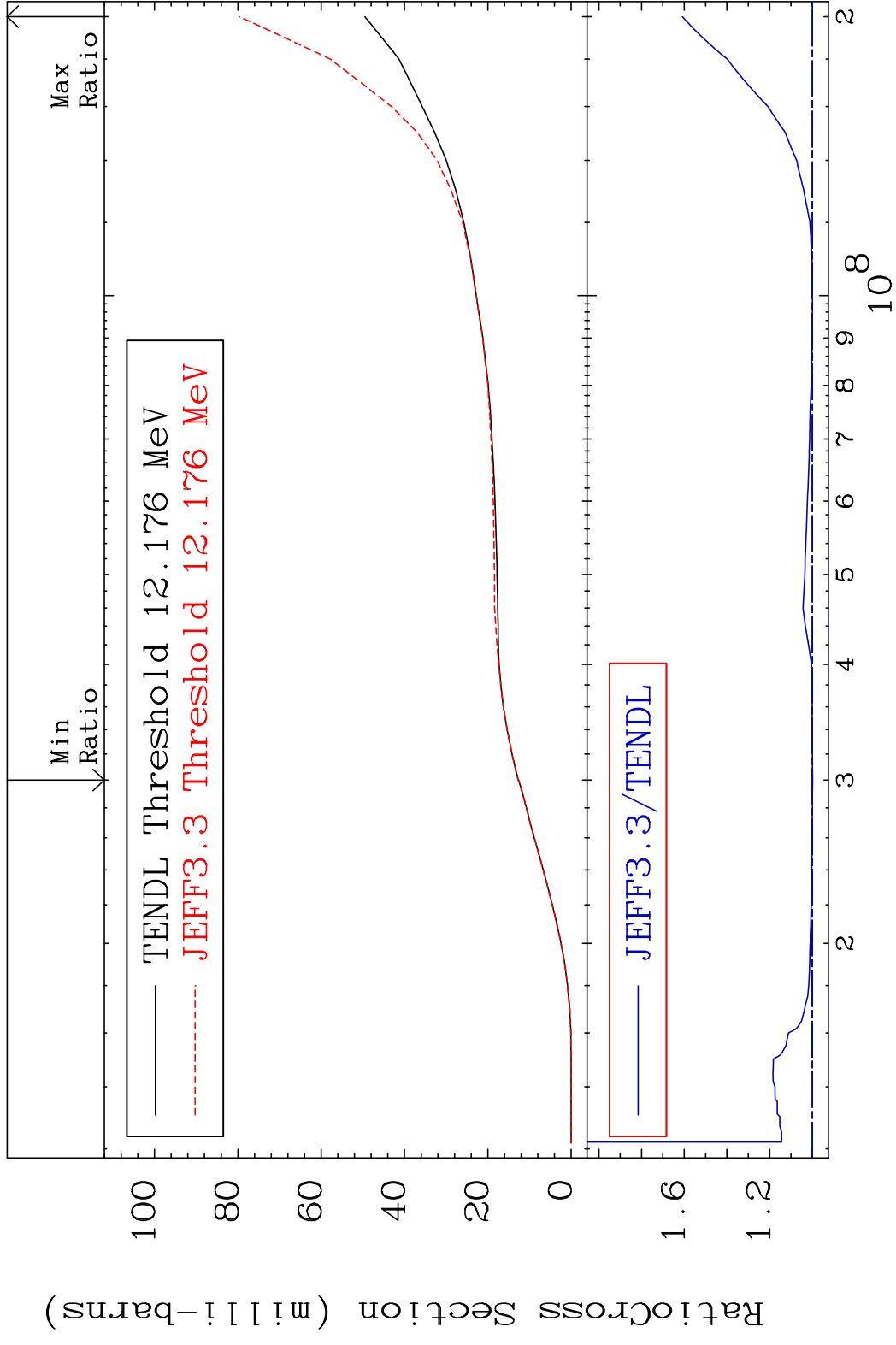
20-Ca-42

MAT 2031 Deuterium Production 20-Ca-42
 Cross Section -100.0 To 151.3 %



49 Incident Energy (eV) 20-Ca-42

MAT 2031 Tritium Production 20-Ca-42
 Cross Section -0.094 To 60.88 %

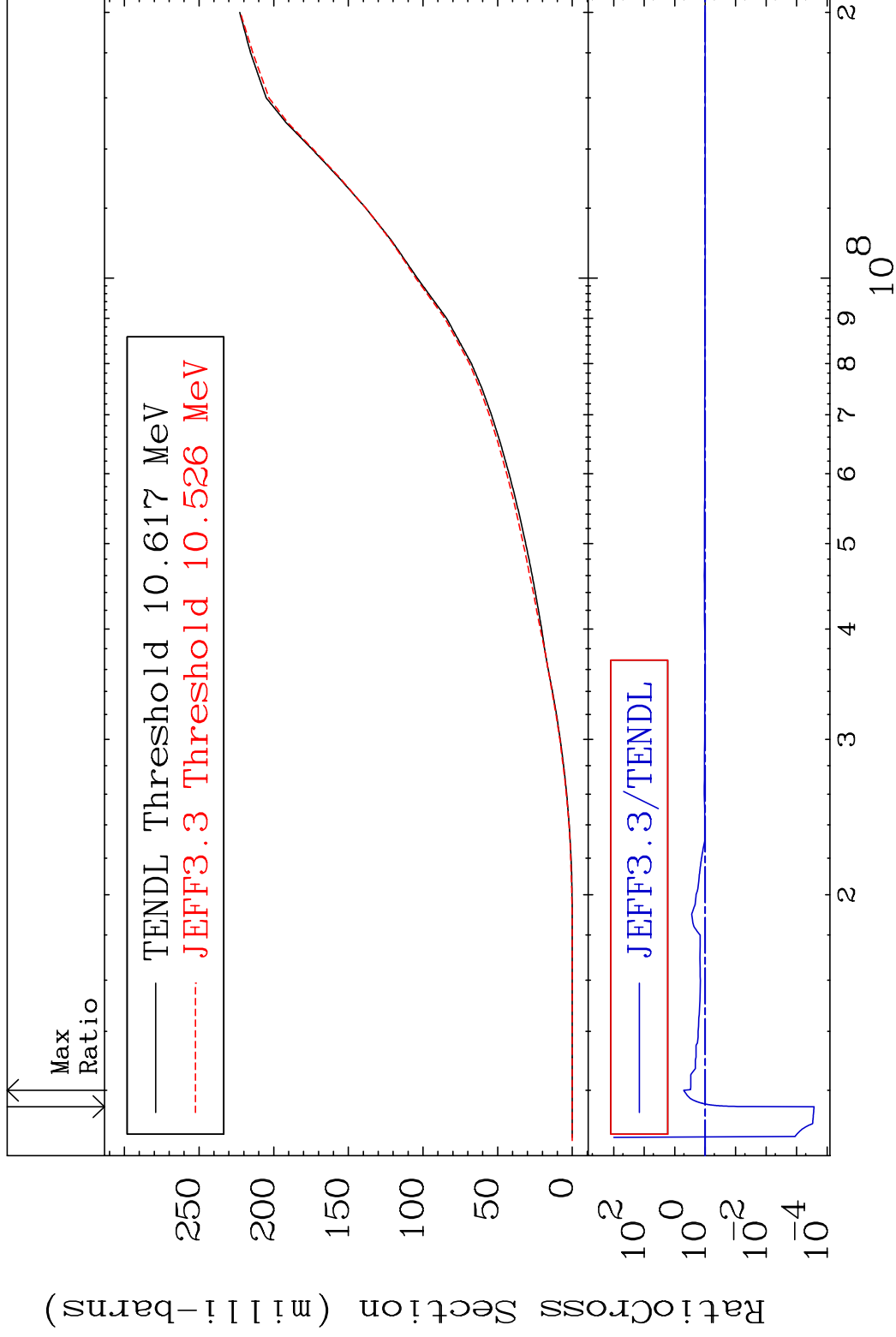


MAT 2031

He-3 Production

20-Ca-42

Cross Section -99.97 To 407.2 %



51

Incident Energy (eV)

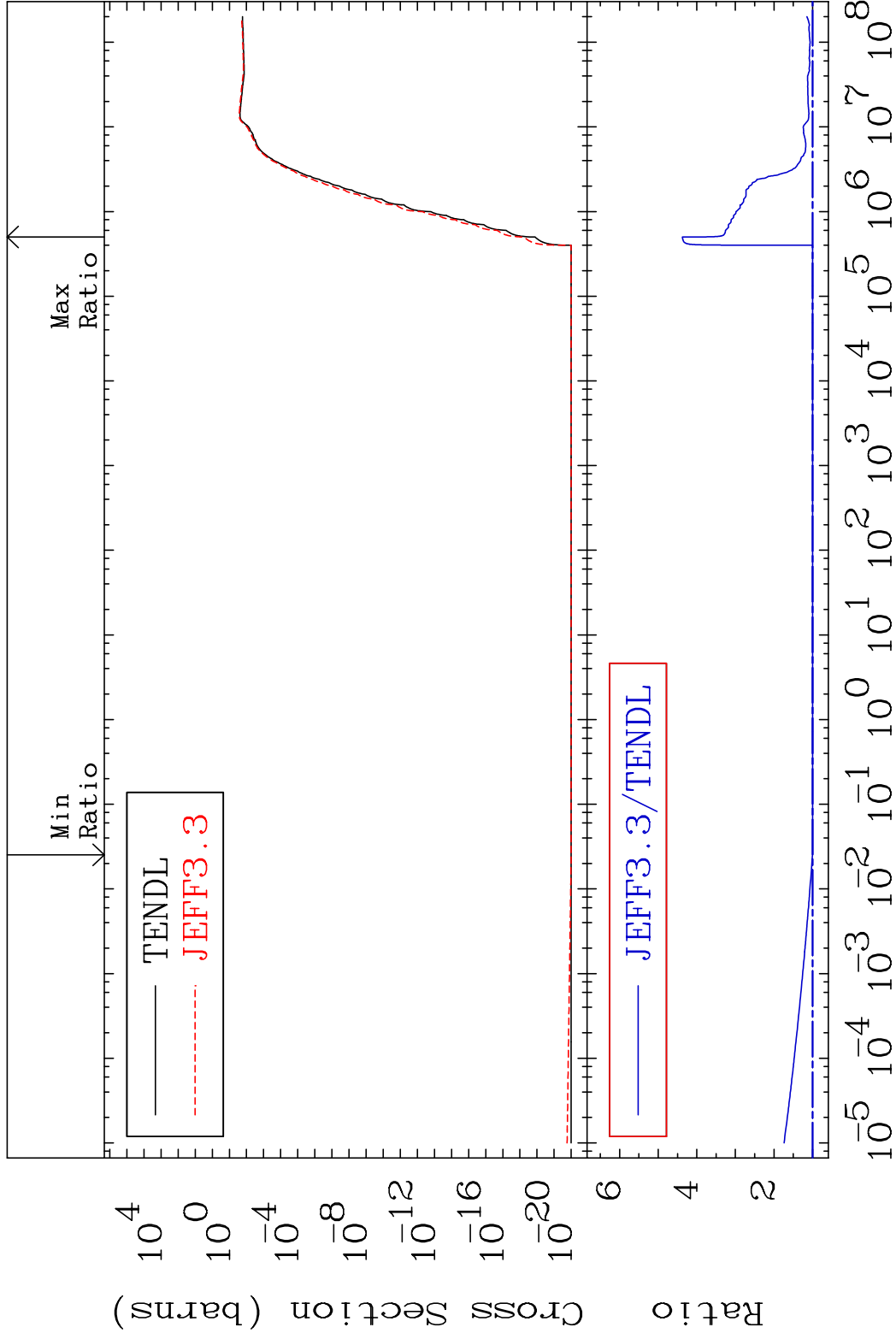
20-Ca-42

MAT 2031

He-4 Production

20-Ca-42

Cross Section 0.000 To 337.4 %

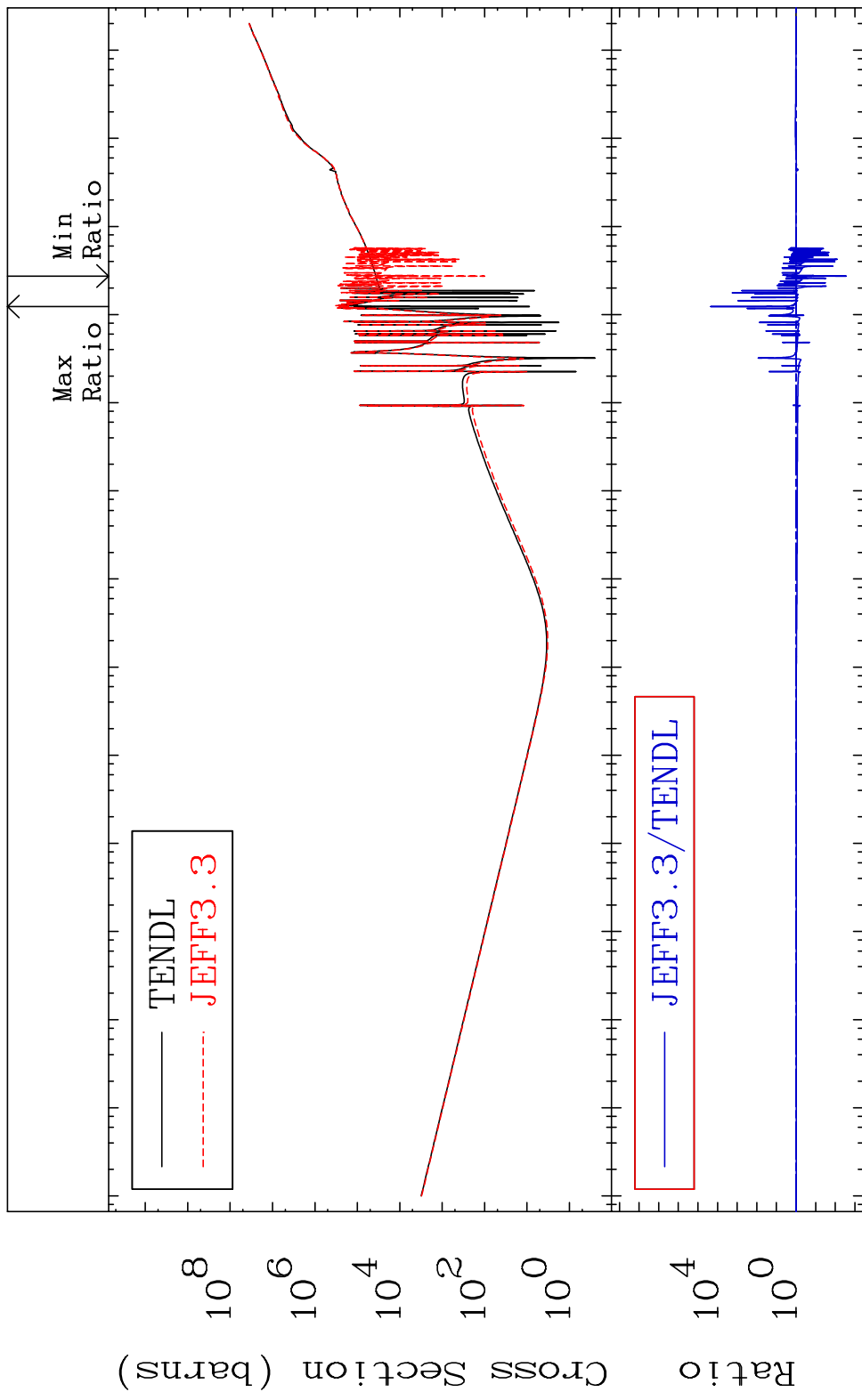


52

Incident Energy (eV)

20-Ca-42

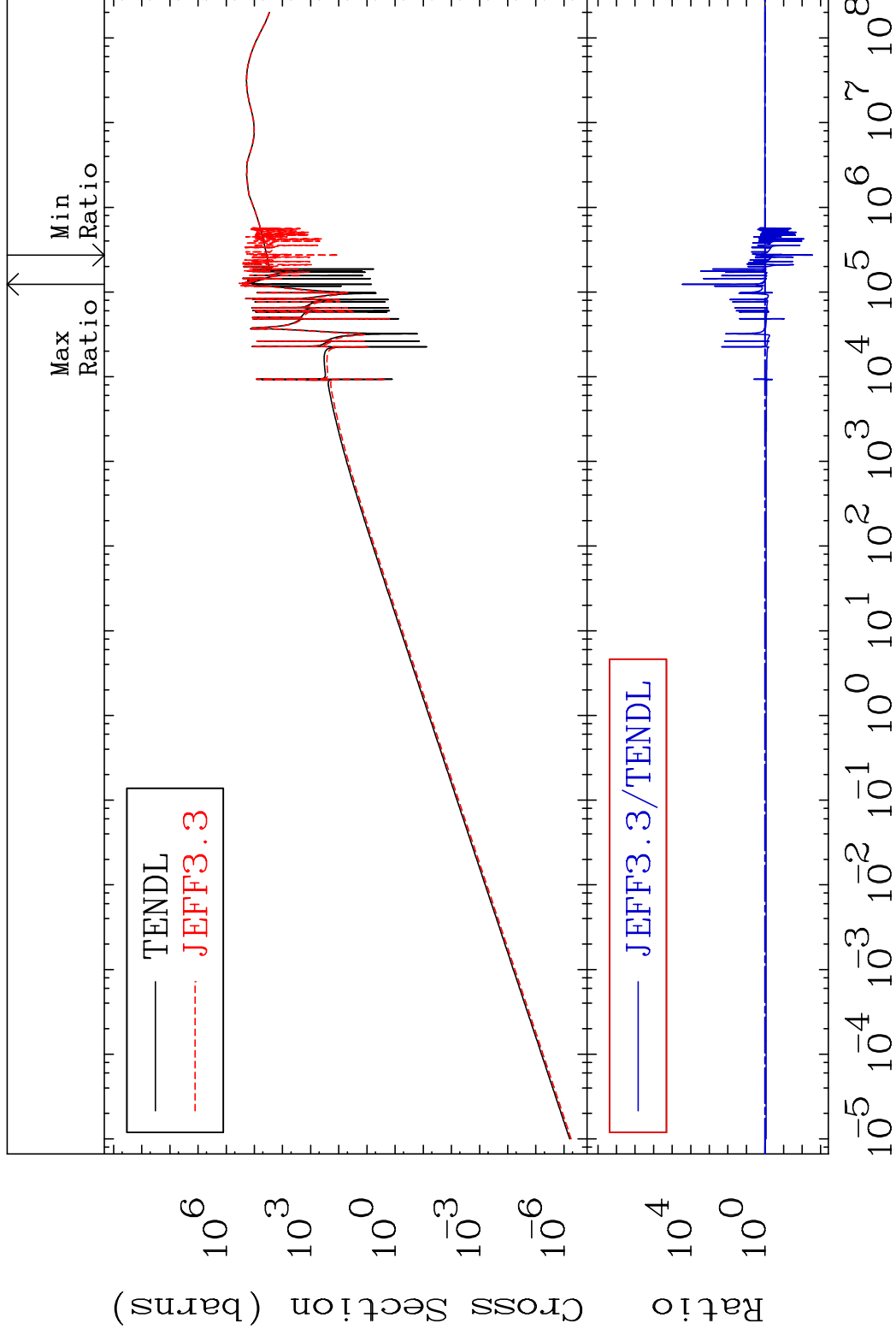
MAT 2031 Kerma total (eV-barns) 20-Ca-42
 Cross Section -99.73 To 9999. %



MAT 2031

Kerma elastic
Cross Section

20-Ca-42
-99.73 To 9999. %

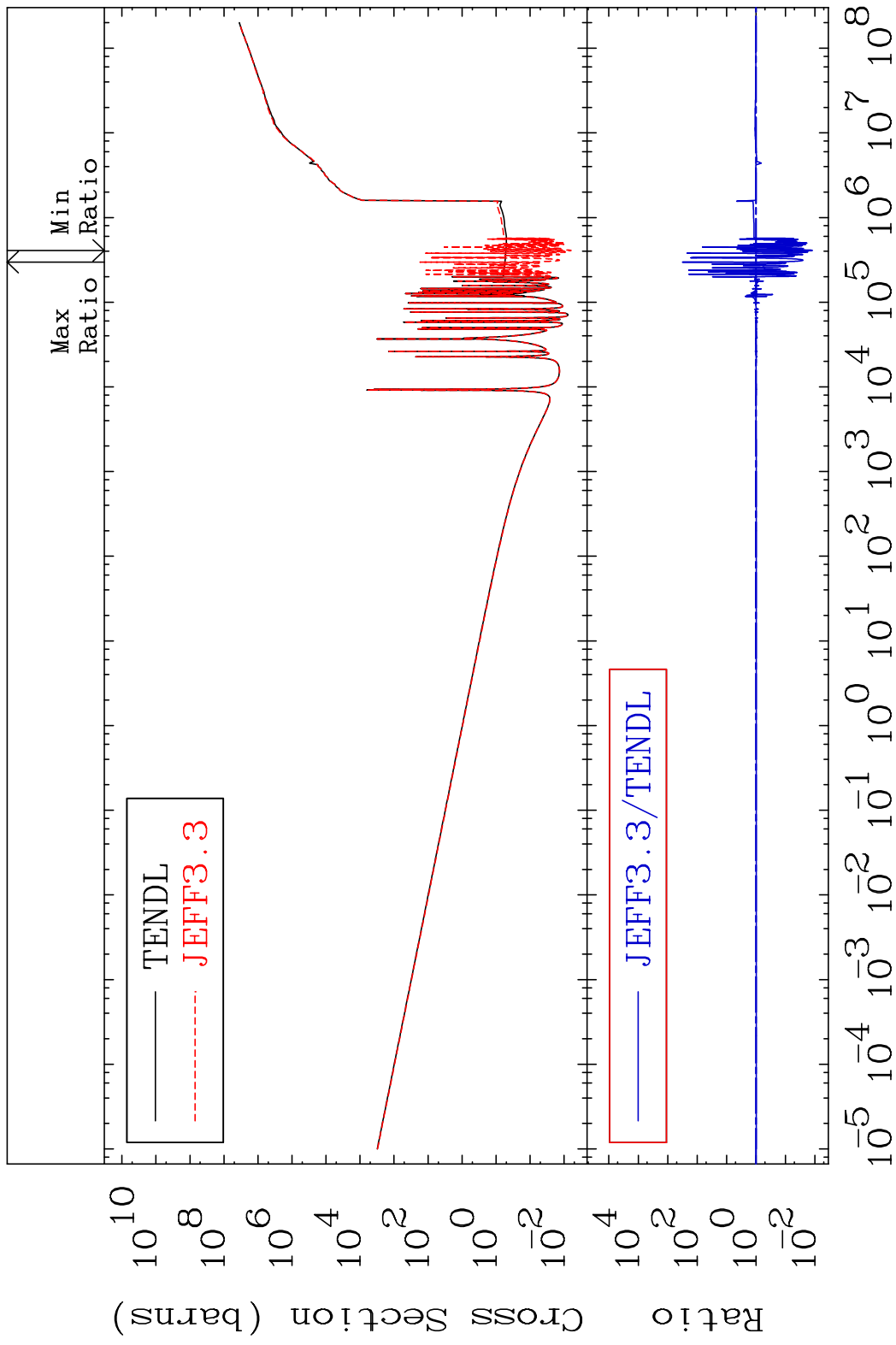


54

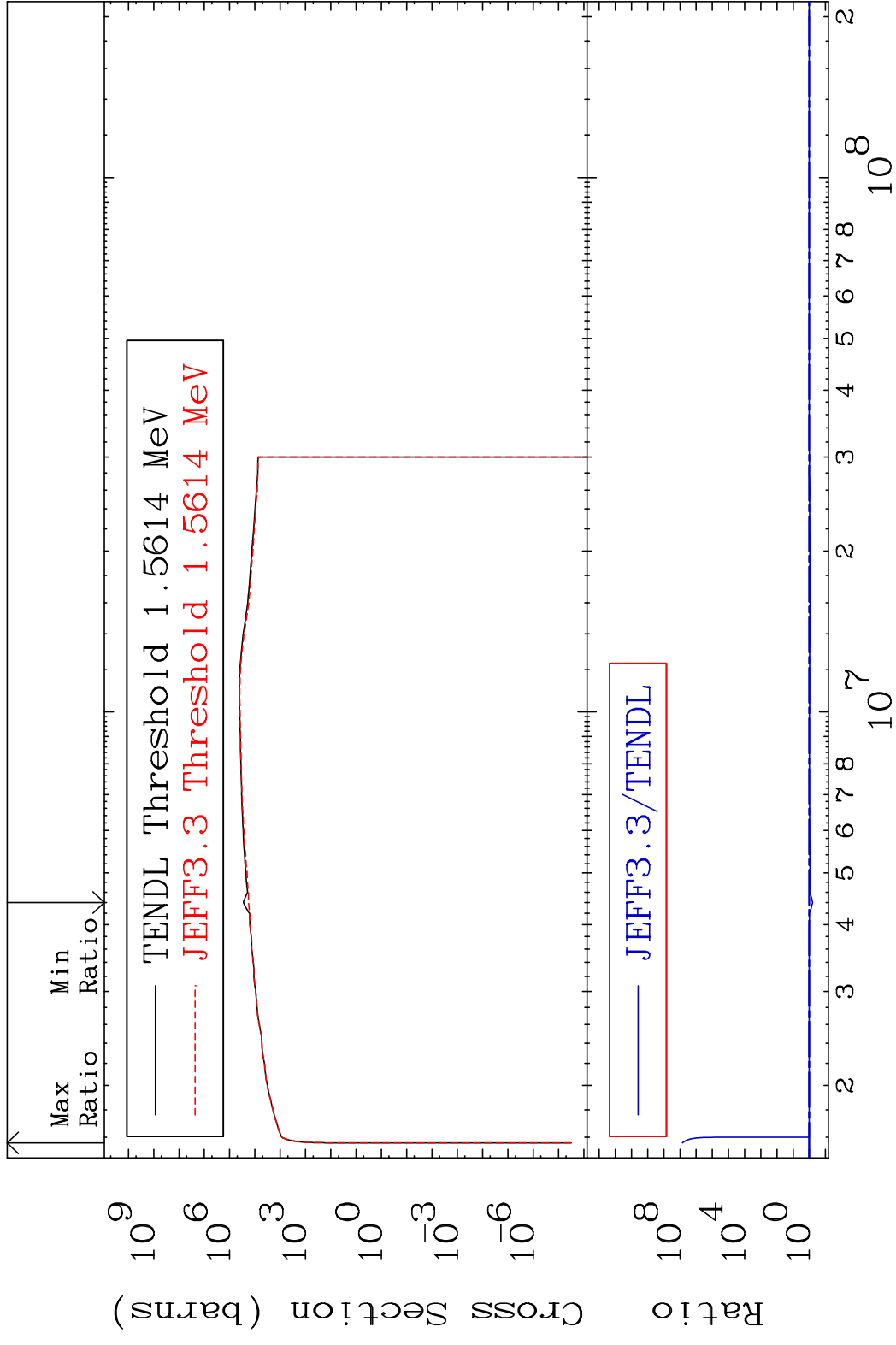
Incident Energy (eV)

20-Ca-42

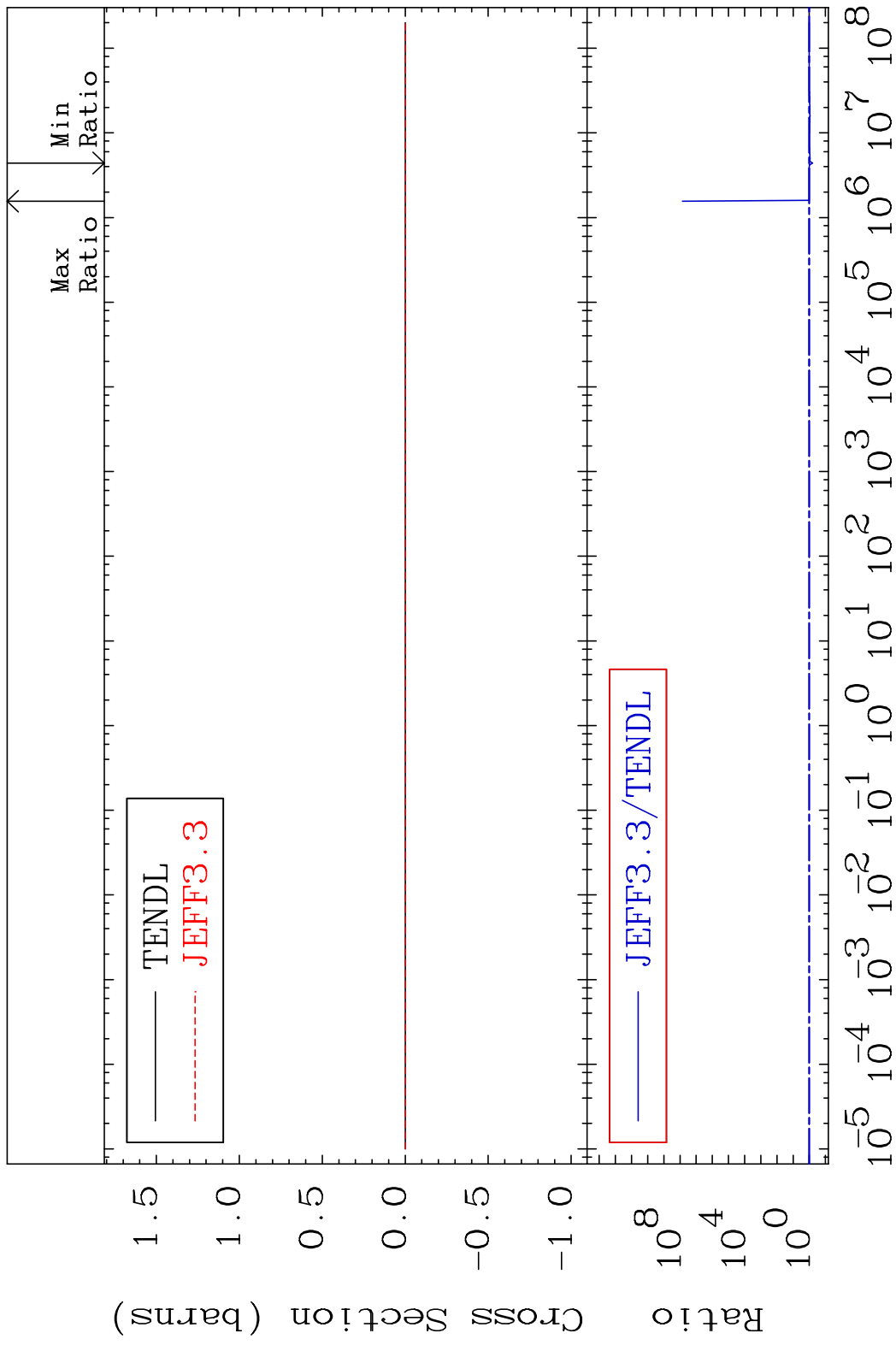
MAT 2031 Kerma non-elastic (all but mt2) 20-Ca-42
 Cross Section -98.79 To 9999. %



MAT 2031 Kerma inelastic (mt51-91) 20-Ca-42
 Cross Section -37.38 To 9999. %

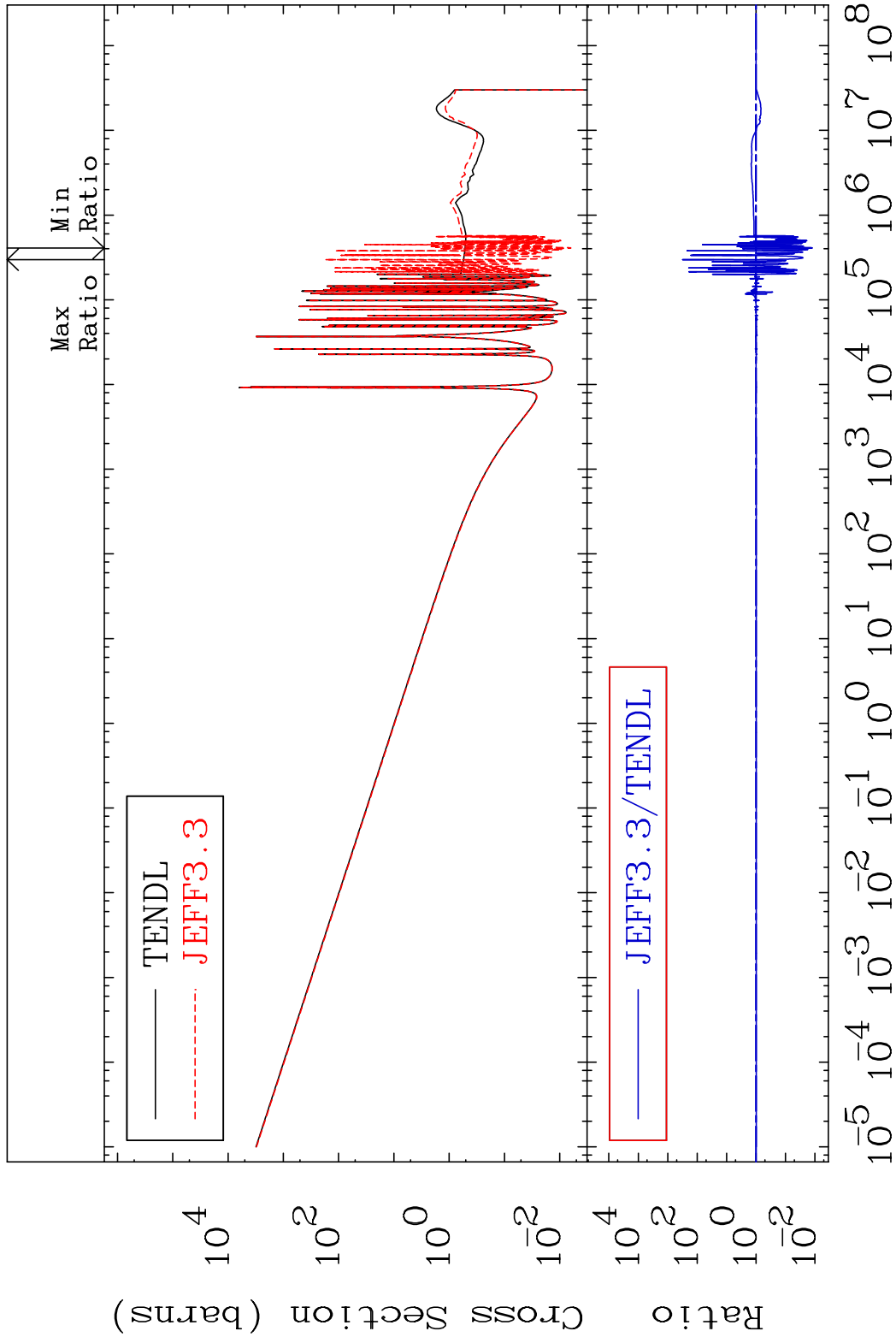


MAT 2031 Kerma fission (mt18 or mt19-20-21-38) 20-Ca-42
 Cross Section -37.38 To 9999. %



MAT 2031

Kerma capture (mt102) 20-Ca-42
Cross Section -98.79 To 9999. %

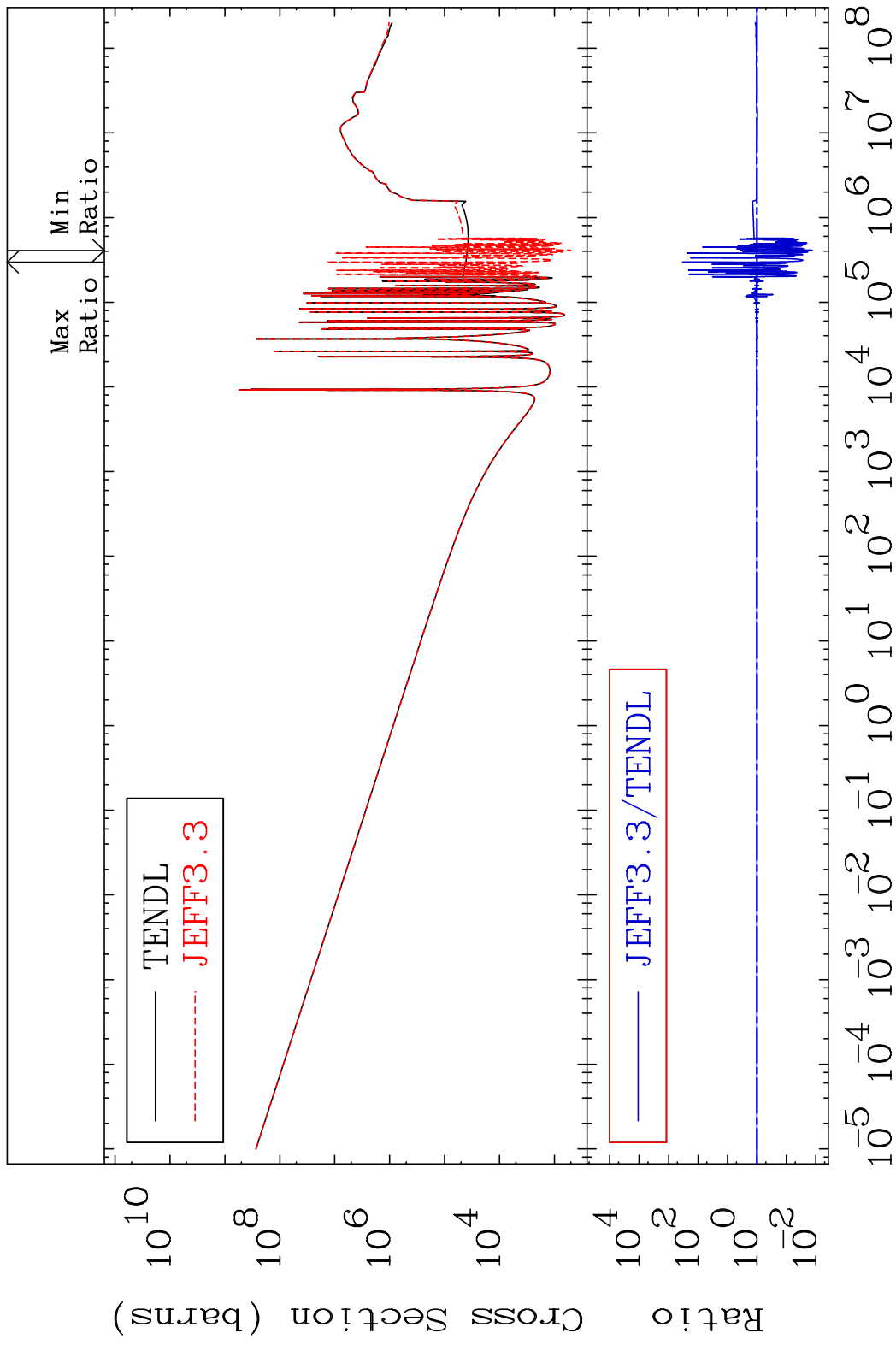


58

Incident Energy (eV)

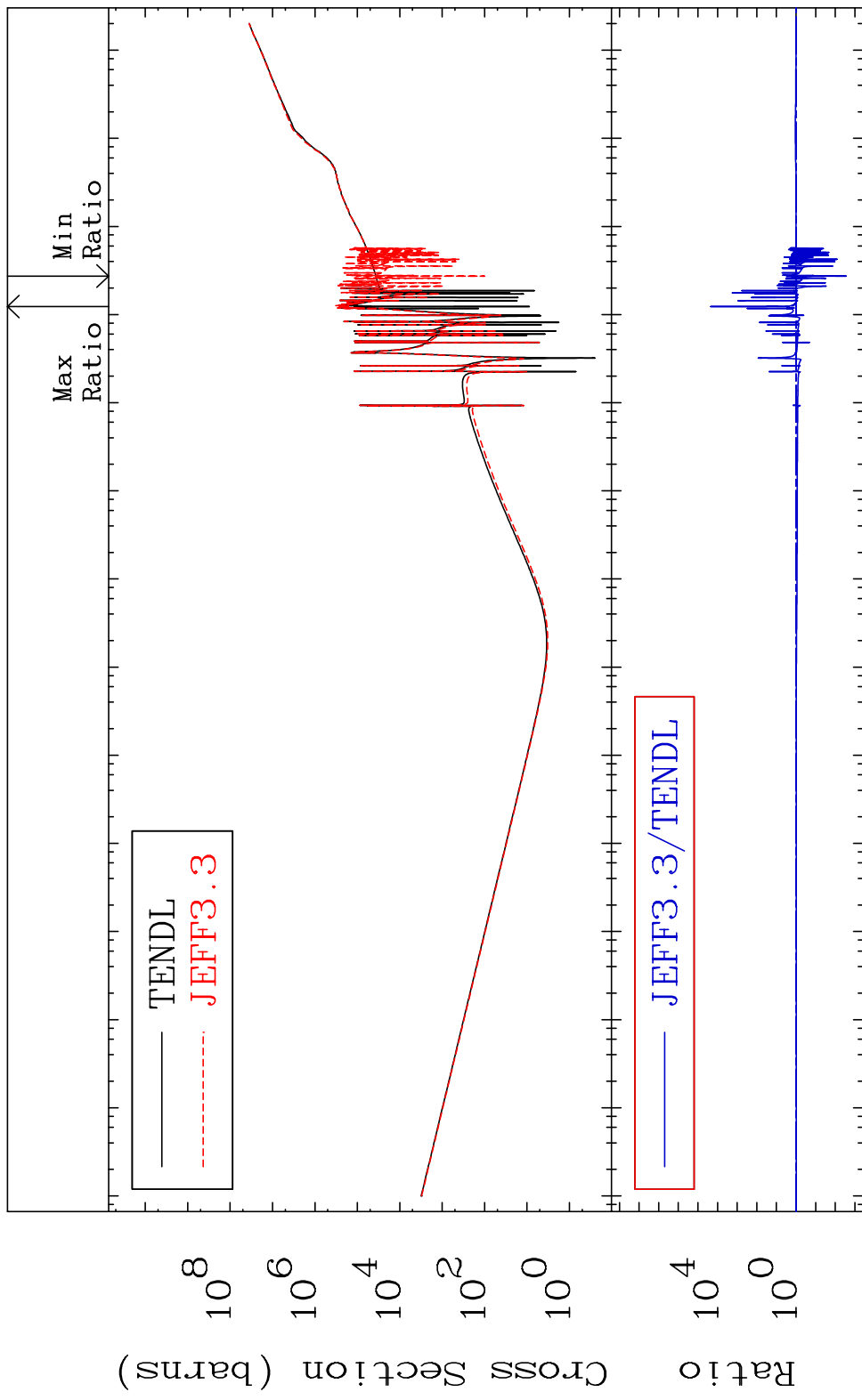
20-Ca-42

MAT 2031 Total photon (eV-barns) 20-Ca-42
 Cross Section -98.71 To 9999. %



59 Incident Energy (eV) 20-Ca-42

MAT 2031 Total kinematic kerma (high limit) 20-Ca-42
 Cross Section -99.73 To 9999. %



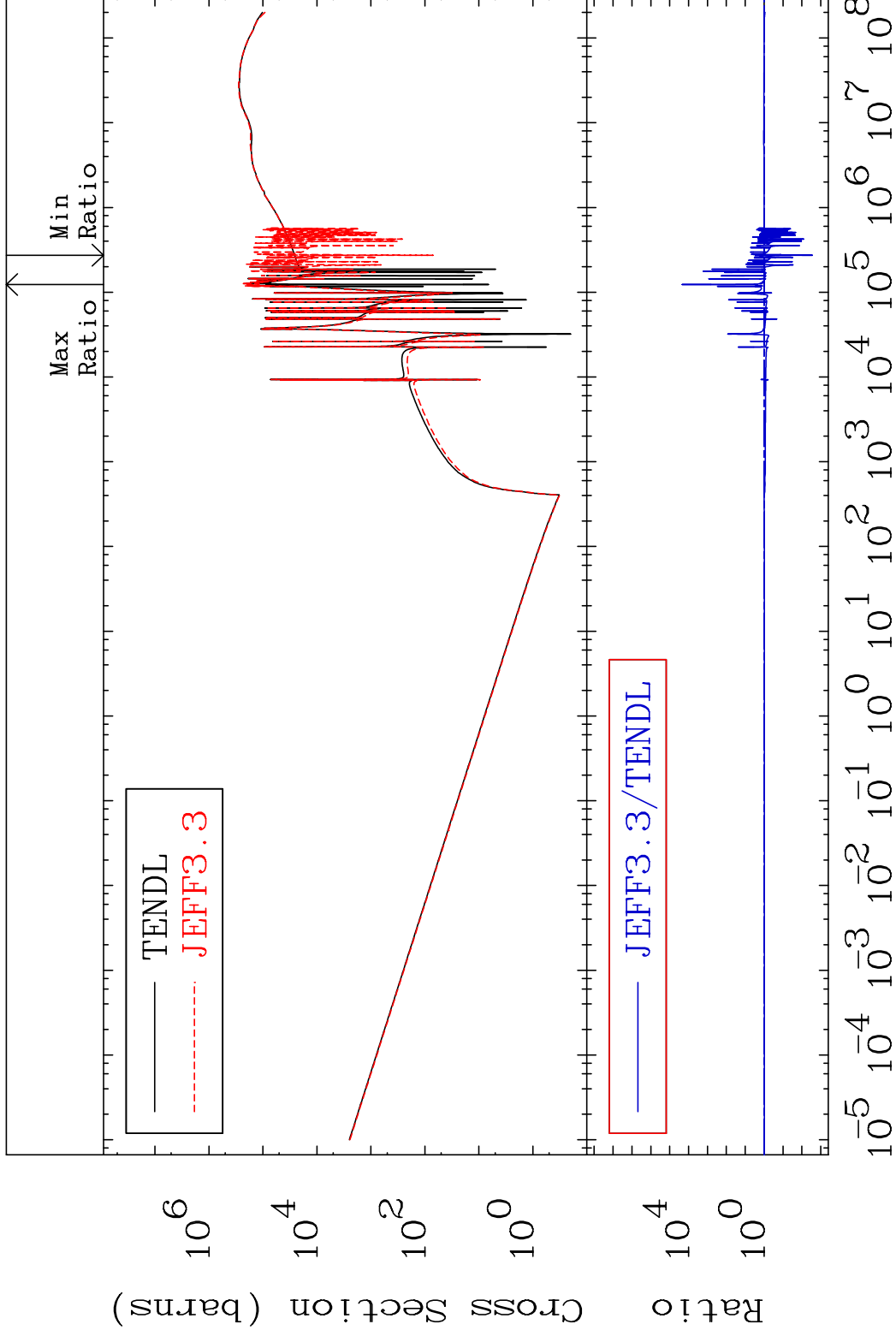
60 Incident Energy (eV) 20-Ca-42

MAT 2031

Dpa total (eV-barns)

20-Ca-42

Cross Section -99.73 To 9999. %



61

Incident Energy (eV)

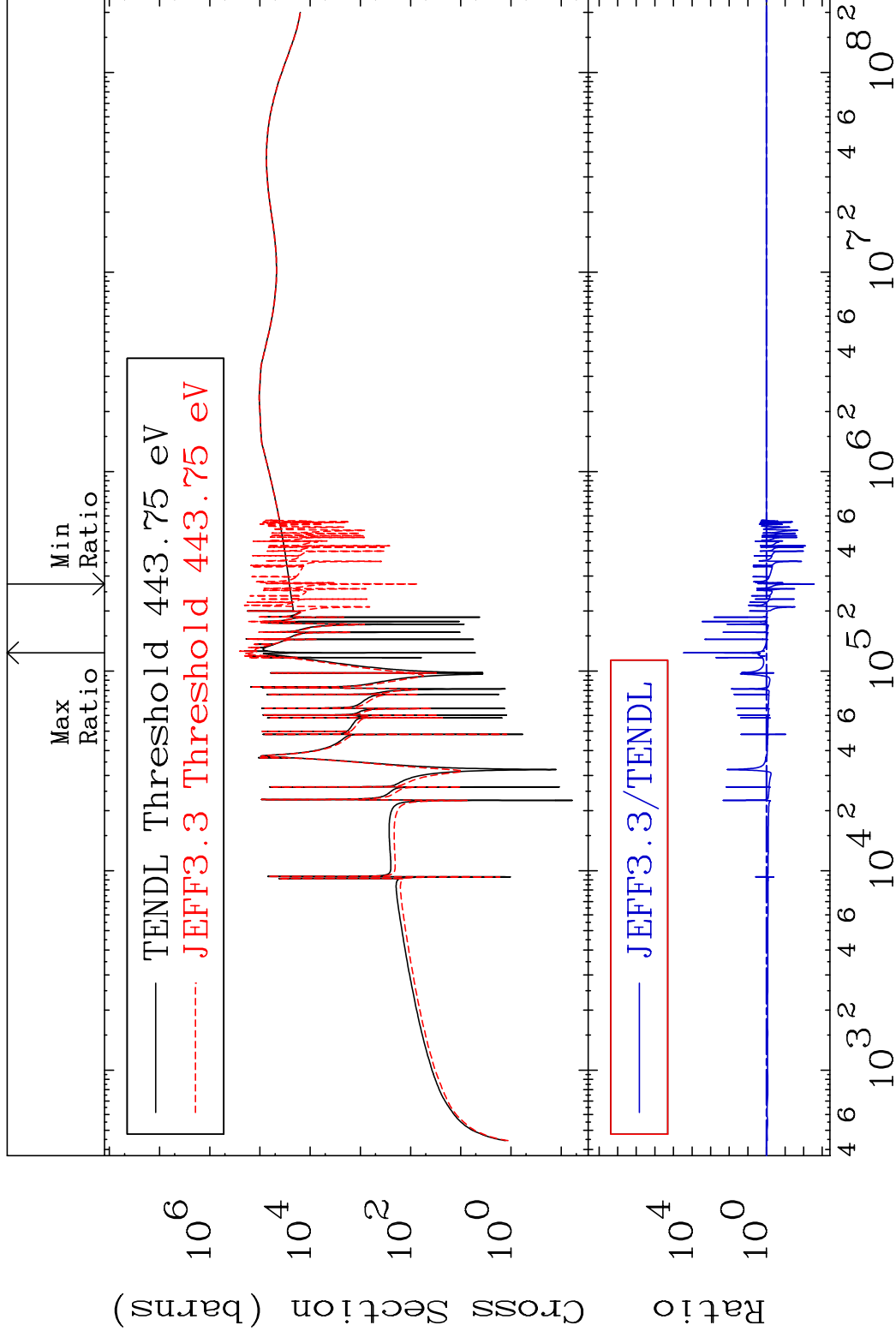
20-Ca-42

MAT 2031

Dpa elastic (mt2)

20-Ca-42

Cross Section -99.73 To 9999. %

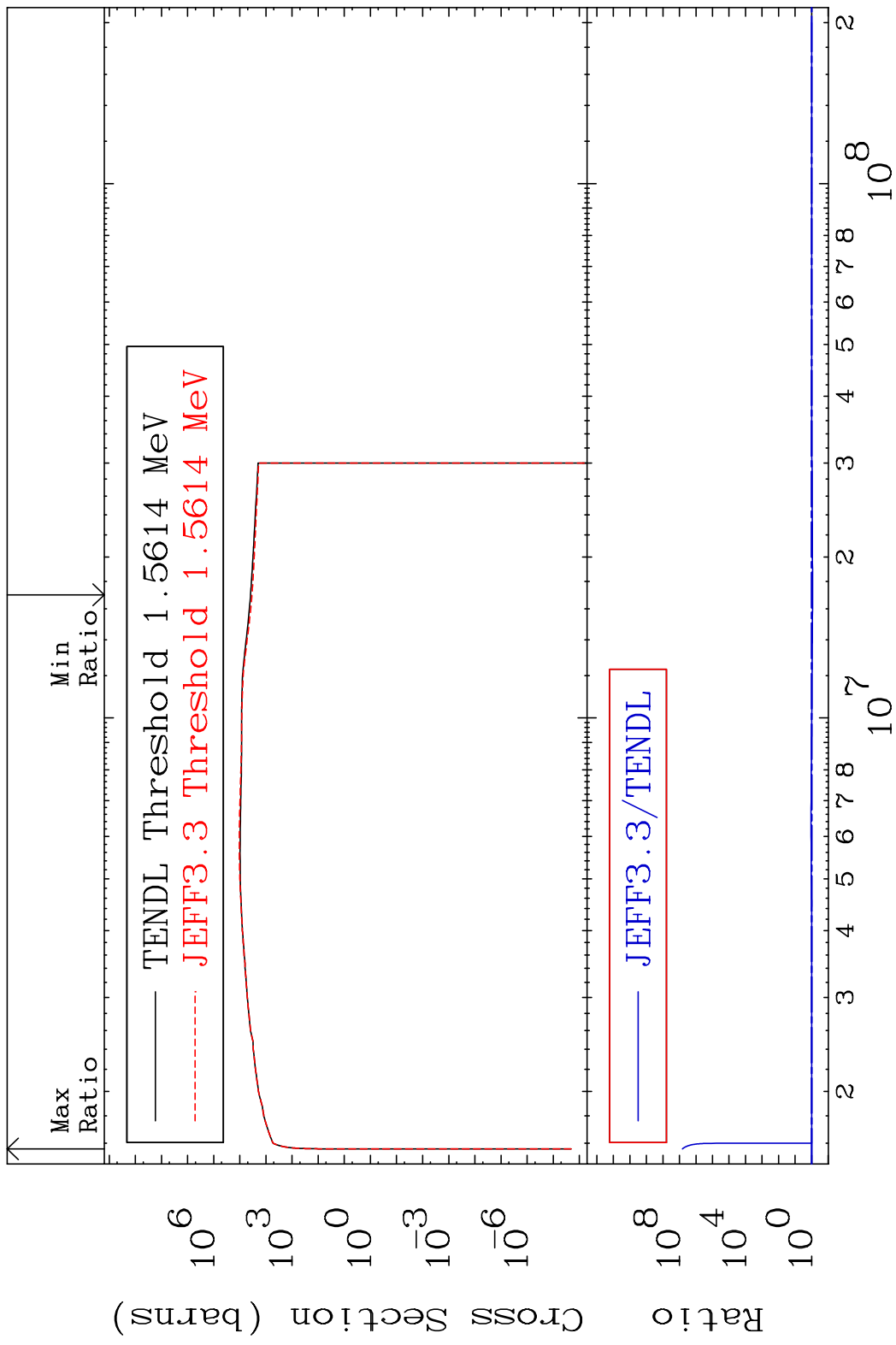


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Incident Energy (eV)

20-Ca-42

MAT 2031 Dpa inelastic (mt51-91) 20-Ca-42
 Cross Section -11.76 To 9999. %



MAT 2031 Dpa disappearance (mt102 -120) 20-Ca-42
 Cross Section -98.80 To 9999. %

