

Program Complot
(Version 2021-1)

by

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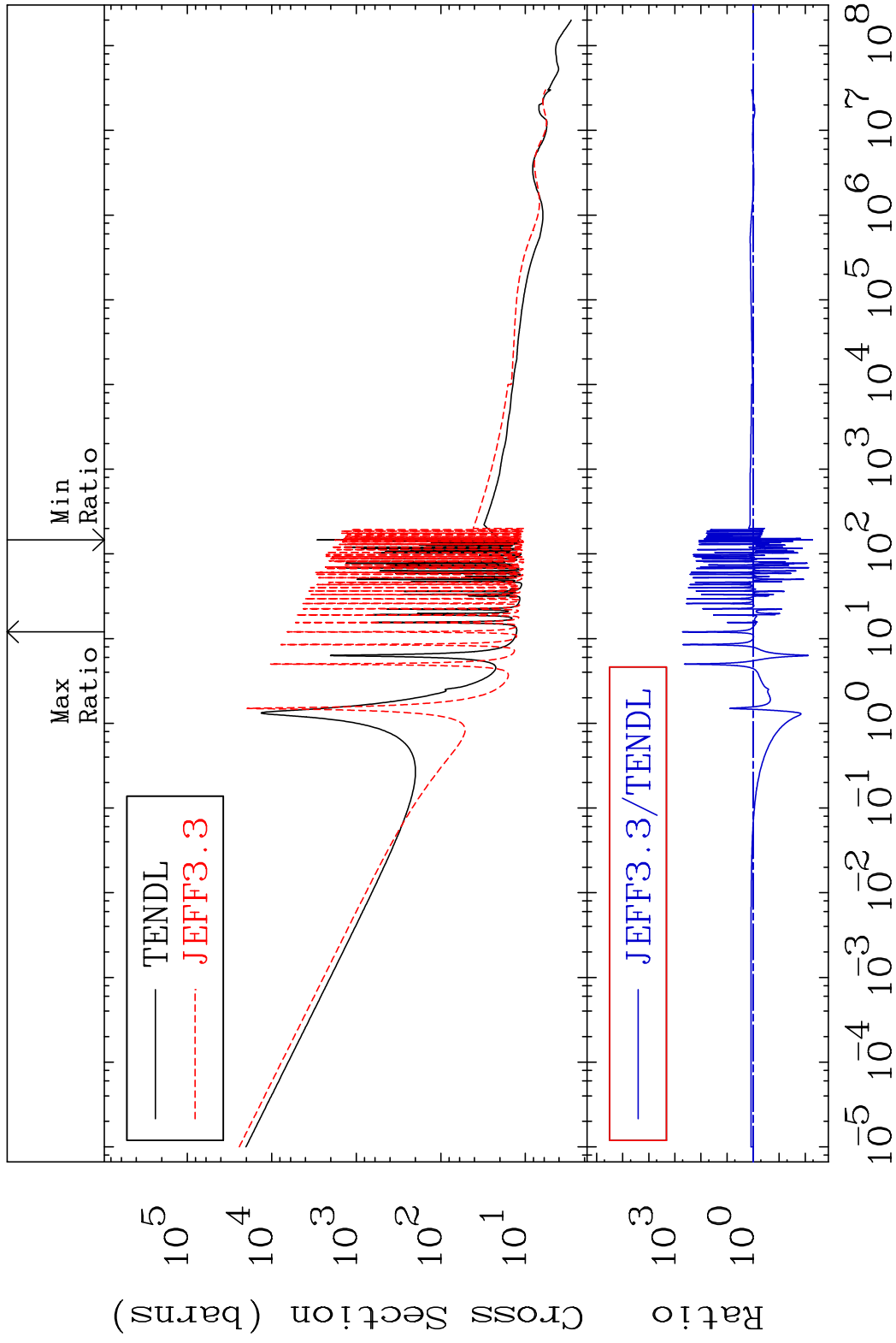
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9234

92-U -237

Total Cross Section -99.47 To 9999. %



1

Incident Energy (eV)

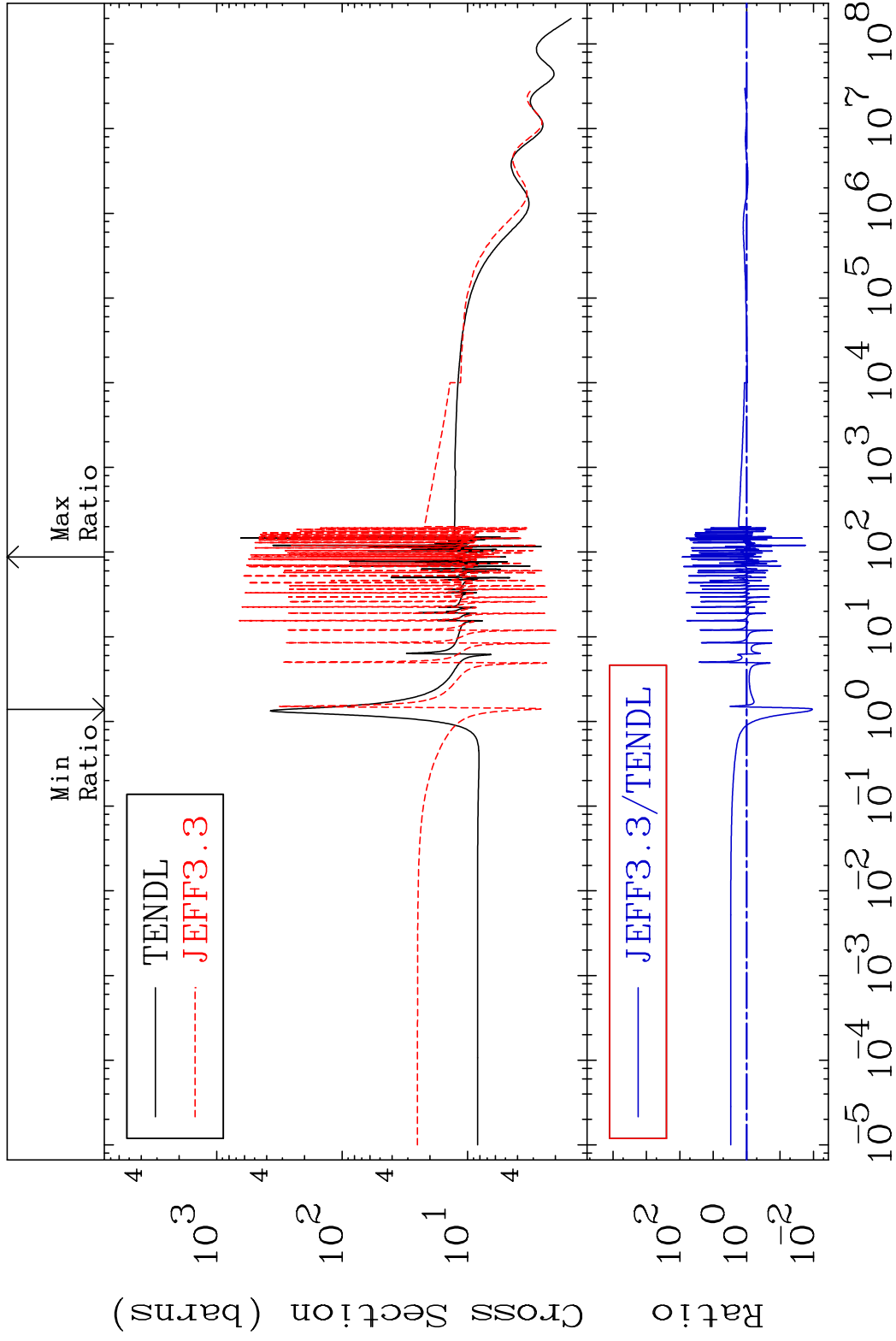
92-U -237

MAT 9234

Elastic

92-U -237

Cross Section -98.94 To 8302. %



2

Incident Energy (eV)

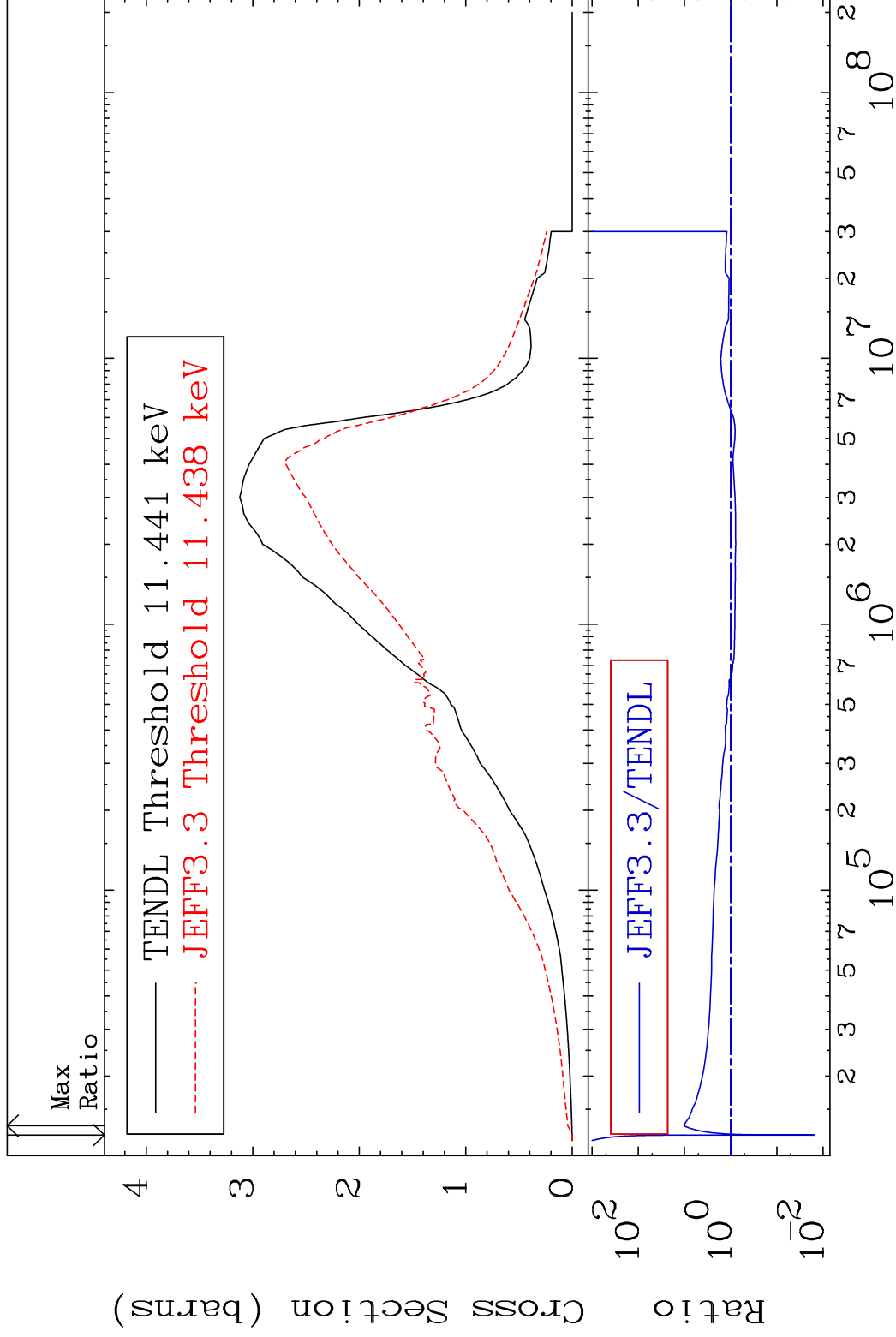
92-U -237

MAT 9234

Inelastic

92-U -237

Cross Section -98.44 To 942.0 %



3

Incident Energy (eV)

92-U -237

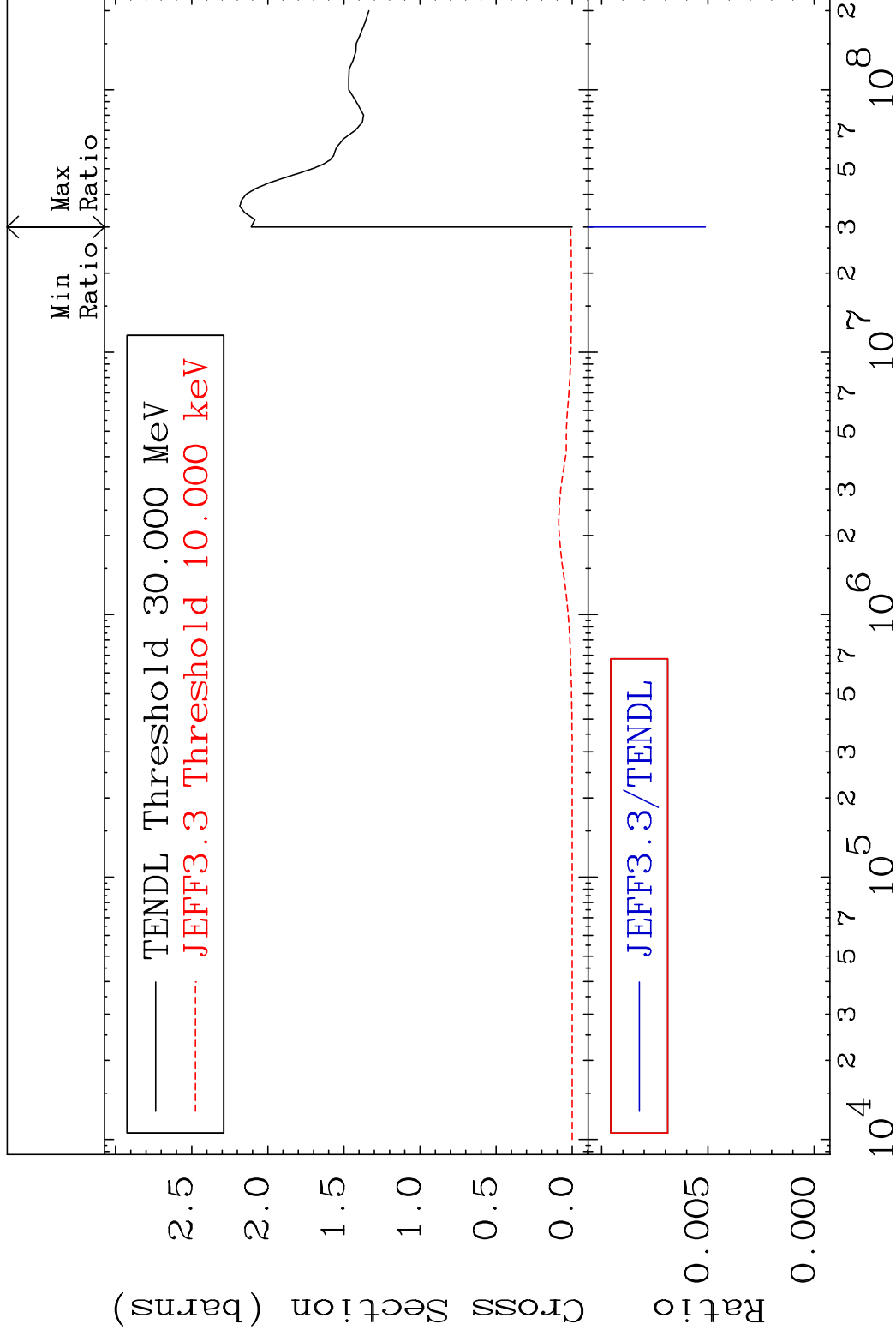
MAT 9234

(n, remainder)

92-U -237

Cross Section

-99.49 To -99.49%



4

Incident Energy (eV)

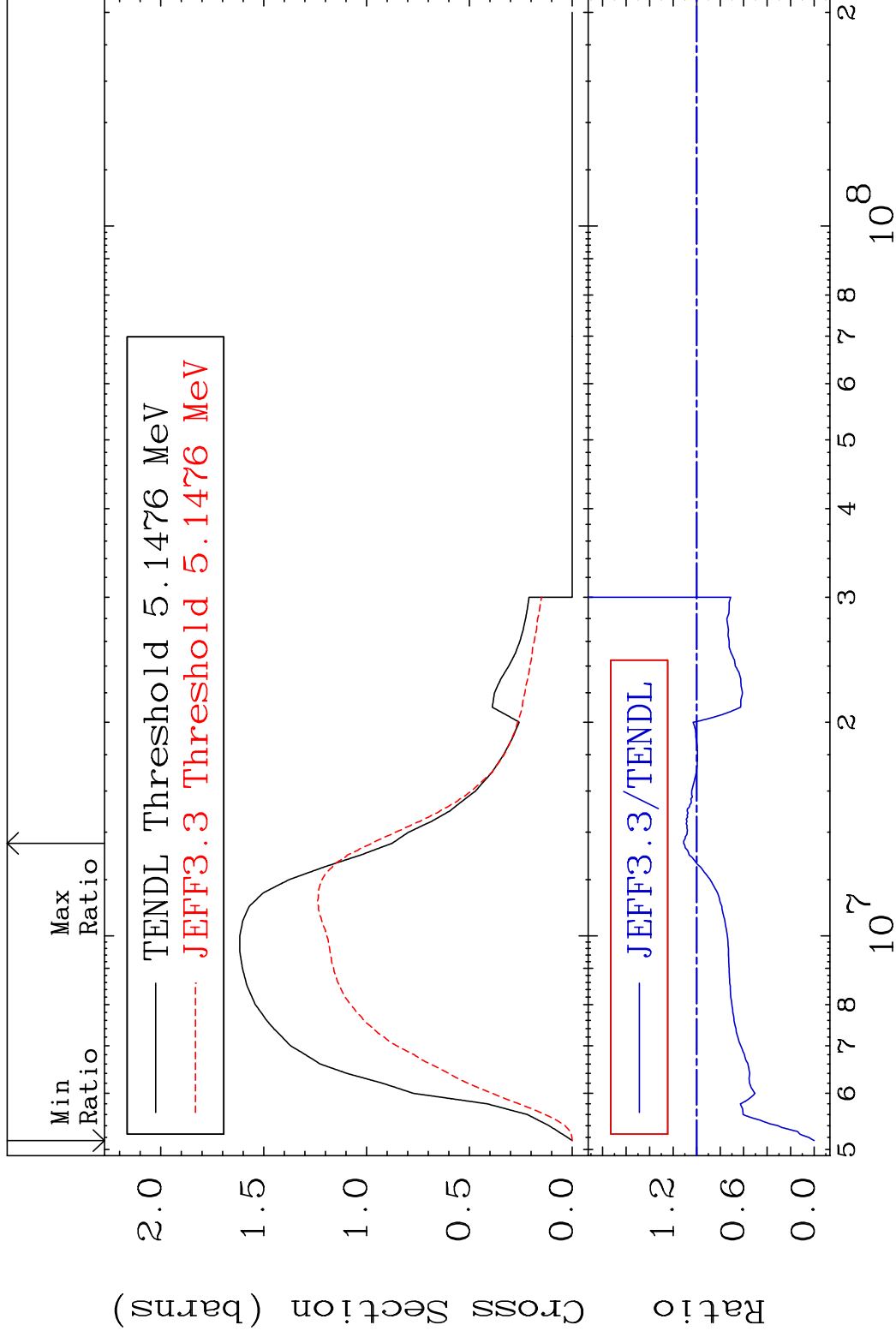
92-U -237

MAT 9234

(n,2n)

92-U -237

Cross Section -100.0 To 11.06 %



5

Incident Energy (eV)

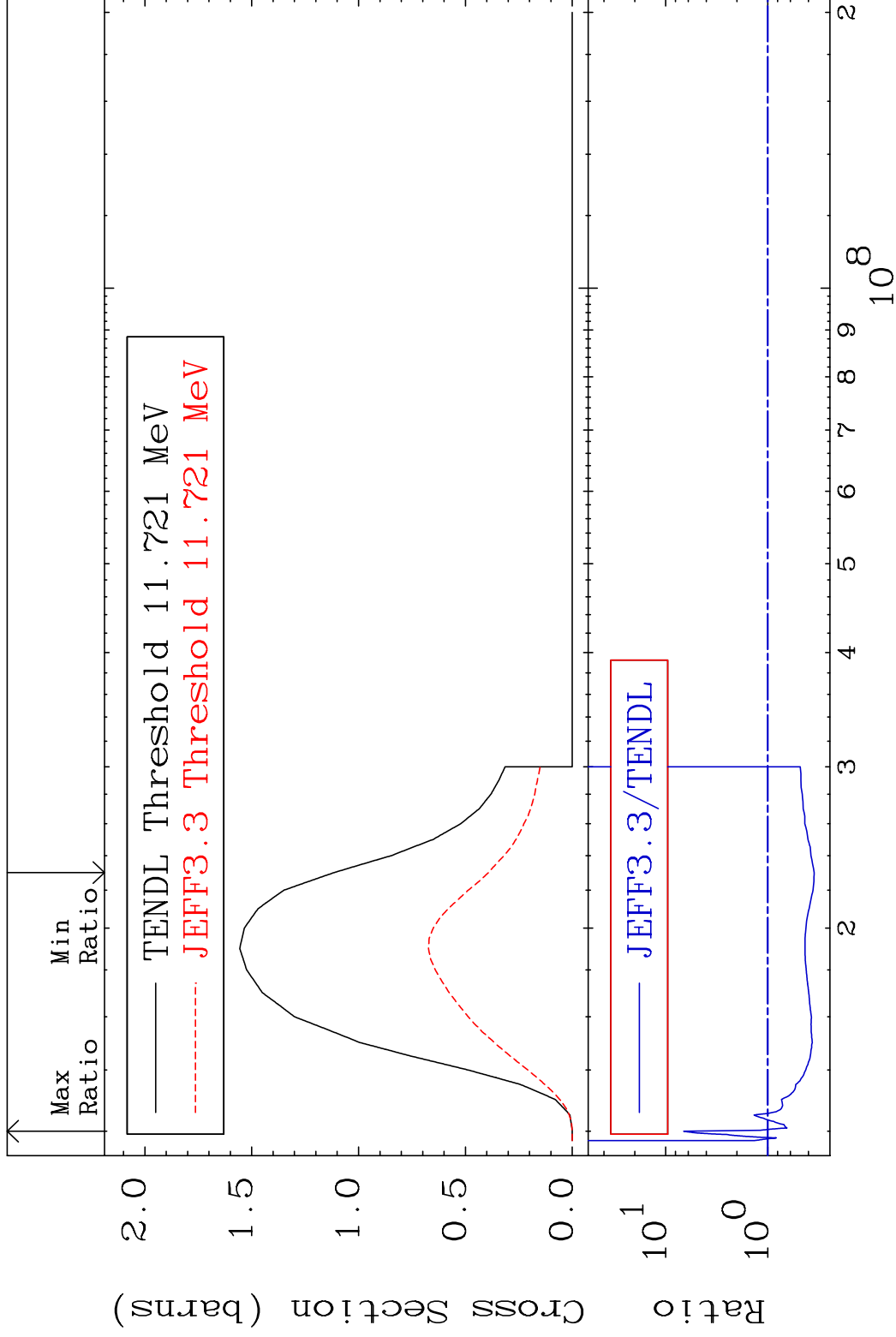
92-U -237

MAT 9234

(n,3n)

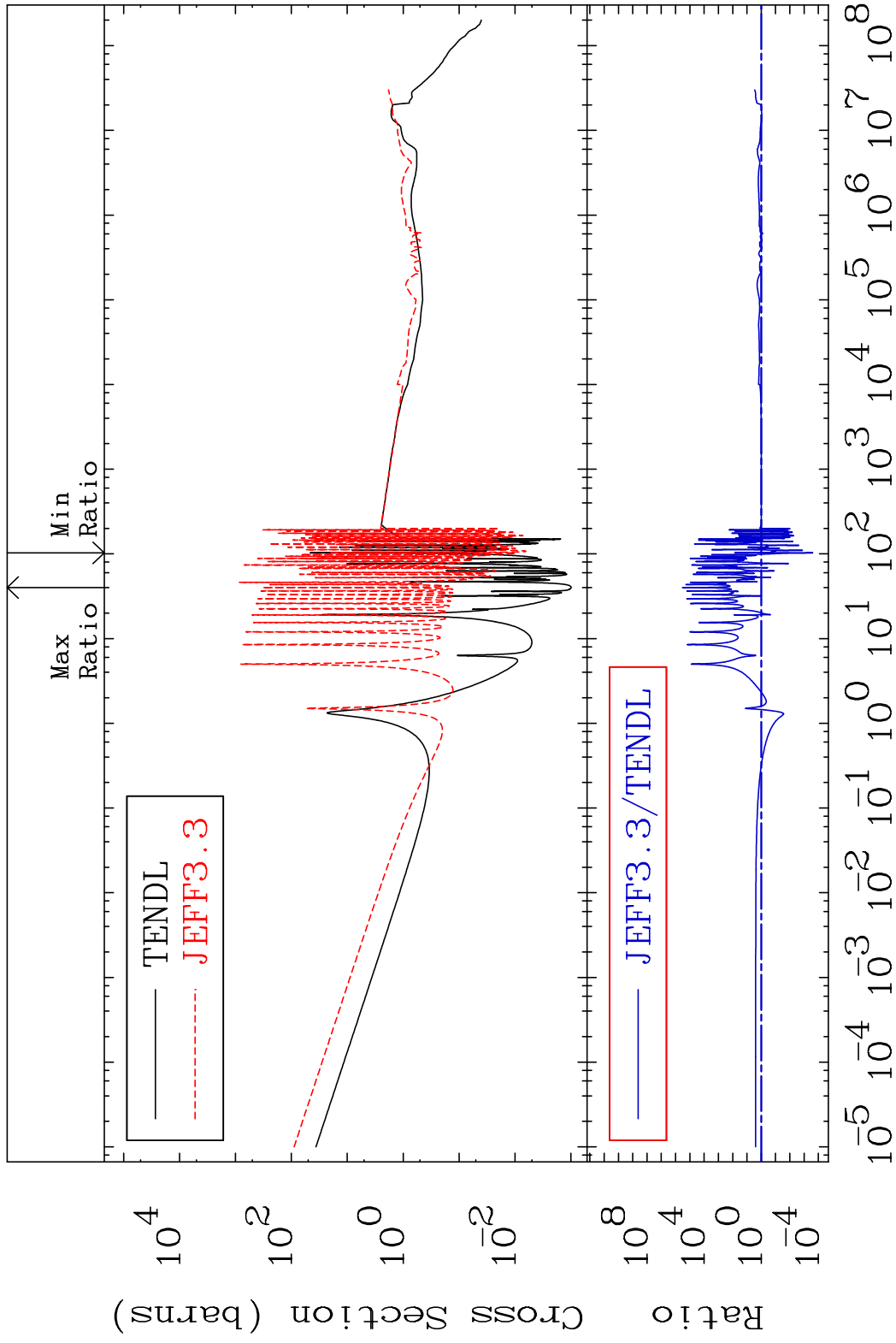
92-U -237

Cross Section -64.79 To 565.3 %



MAT 9234

Fission Cross Section 92-U -237
-99.97 To 9999. %



7

Incident Energy (eV)

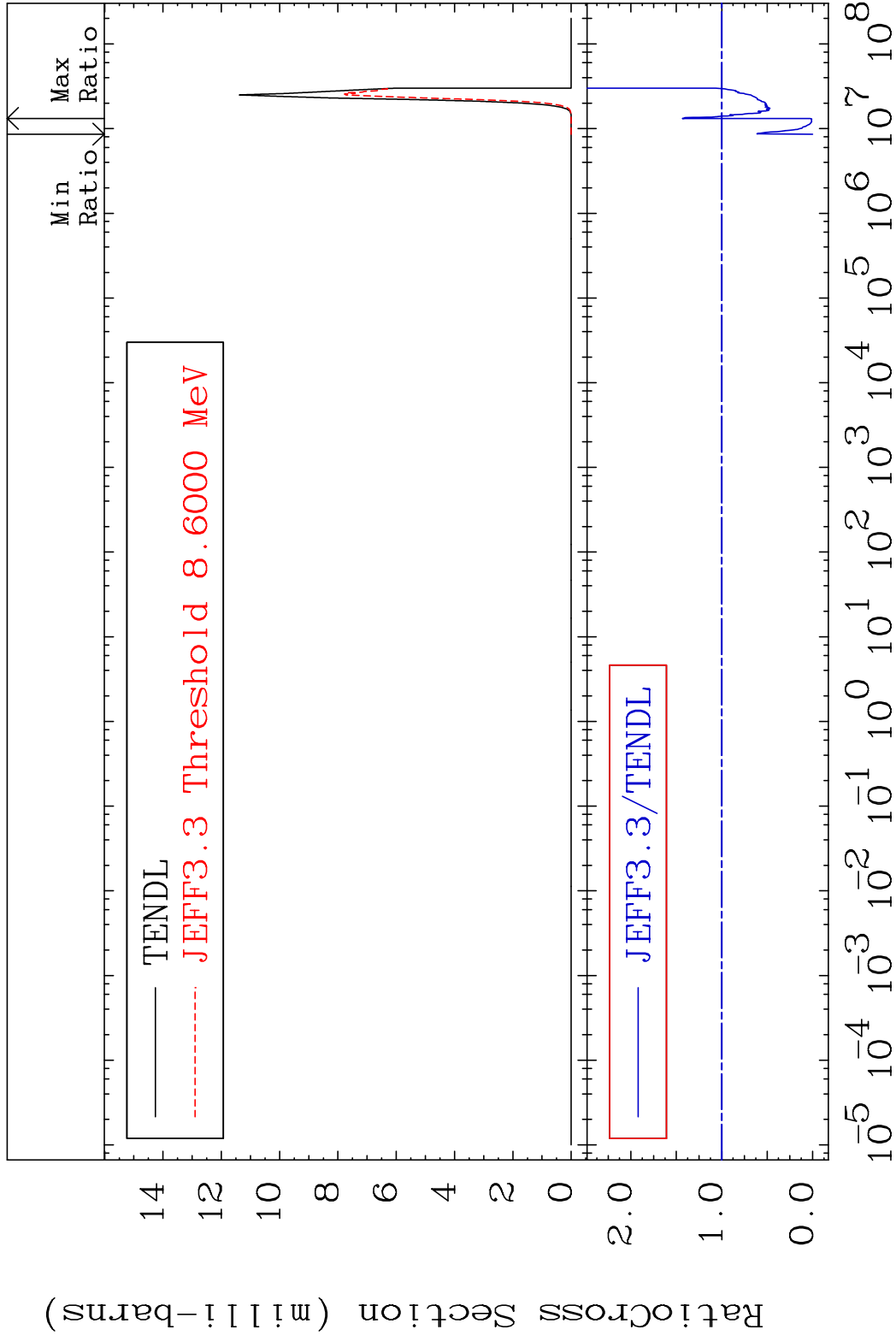
92-U -237

MAT 9234

(n, n') α

92-U -237

Cross Section -100.0 To 43.36 %



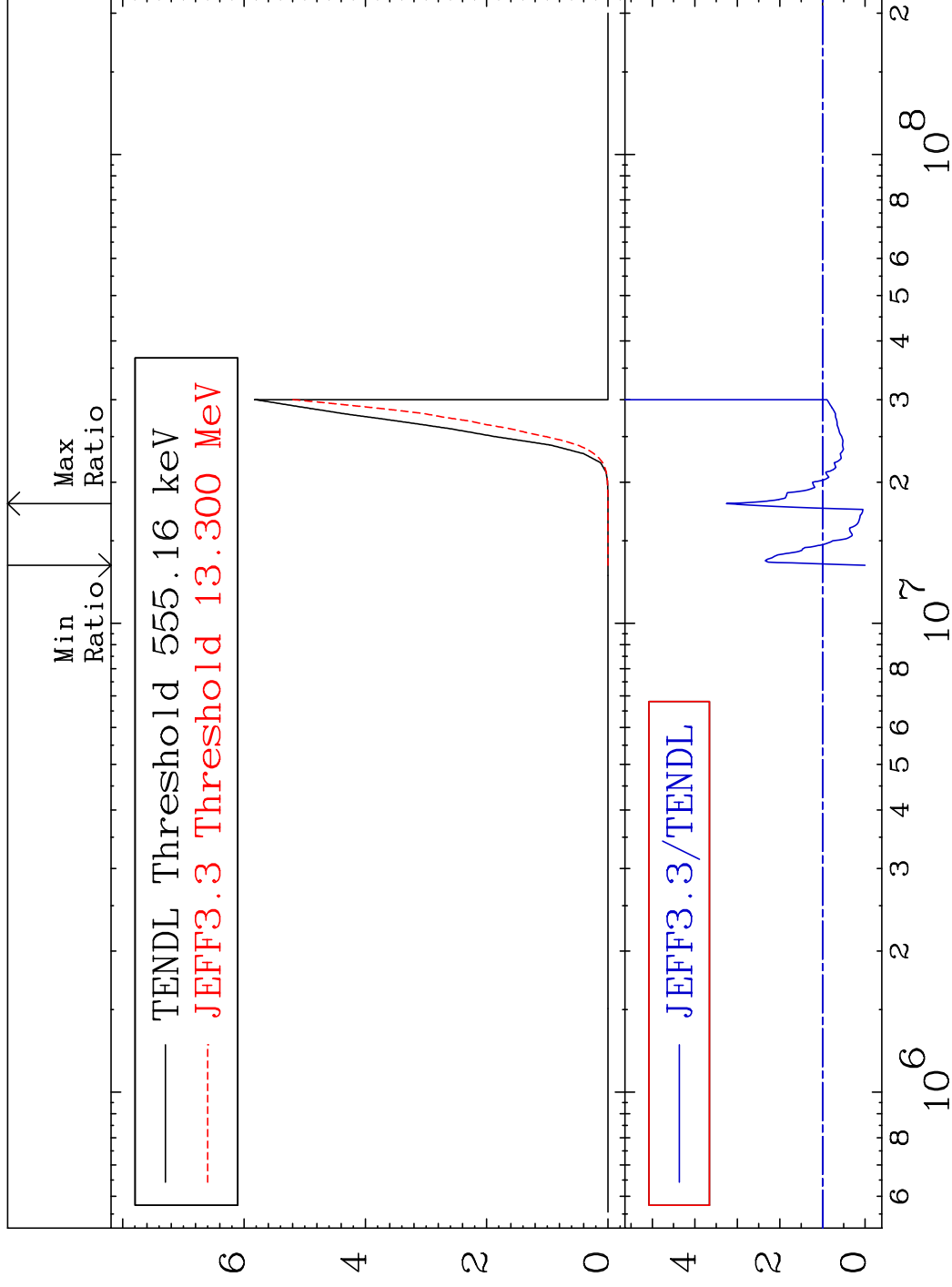
MAT 9234

(n,2n) α

92-U -237

Cross Section -100.0 To 225.8 %

RatioCross Section (milli-barns)



9

Incident Energy (eV)

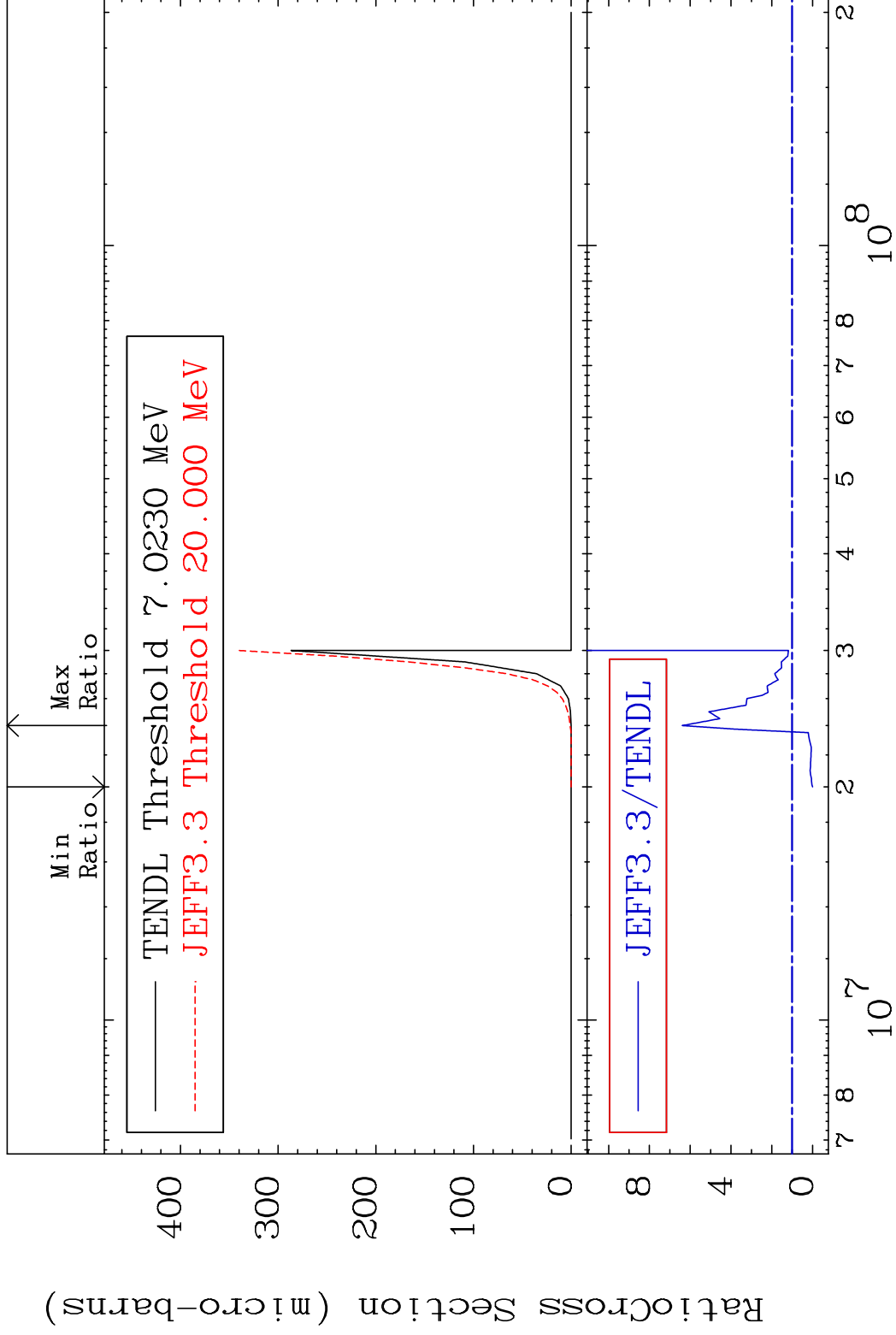
92-U -237

MAT 9234

(n,3n) α

92-U -237

Cross Section -100.0 To 538.5 %



10

Incident Energy (eV)

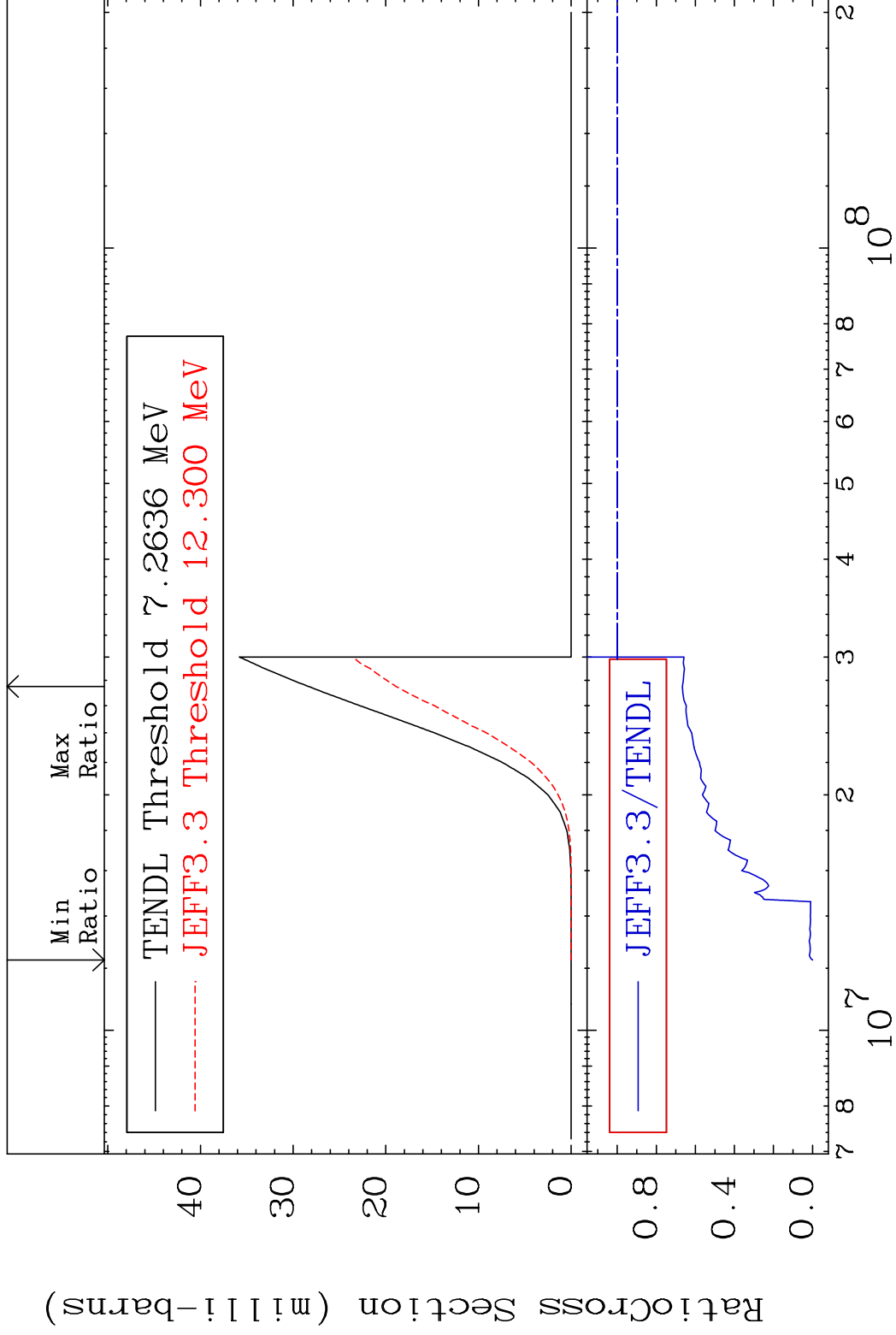
92-U -237

MAT 9234

(n, n') p

92-U -237

Cross Section -100.0 To -33.34%

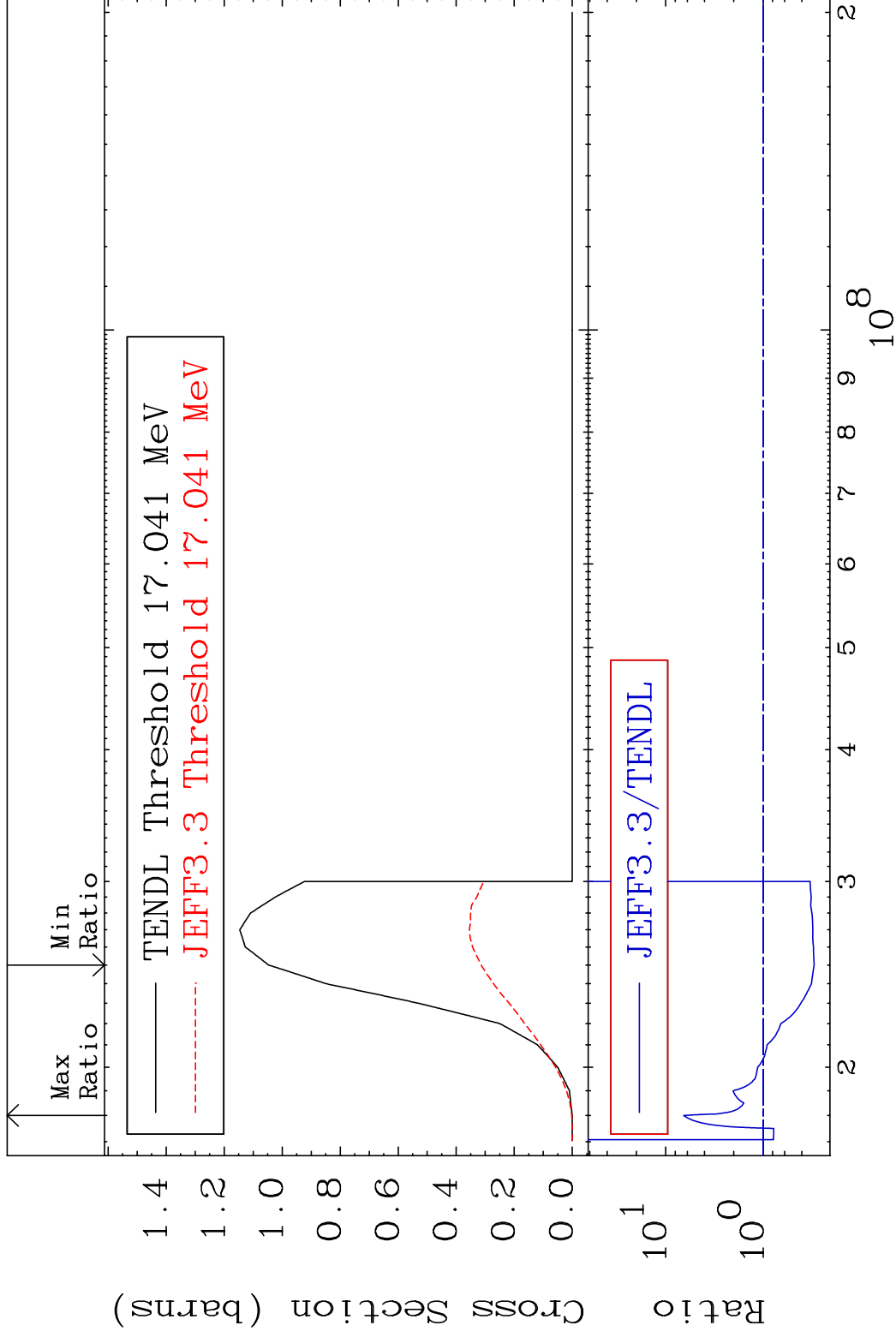


MAT 9234

(n,4n)

92-U -237

Cross Section -70.00 To 554.3 %



12

Incident Energy (eV)

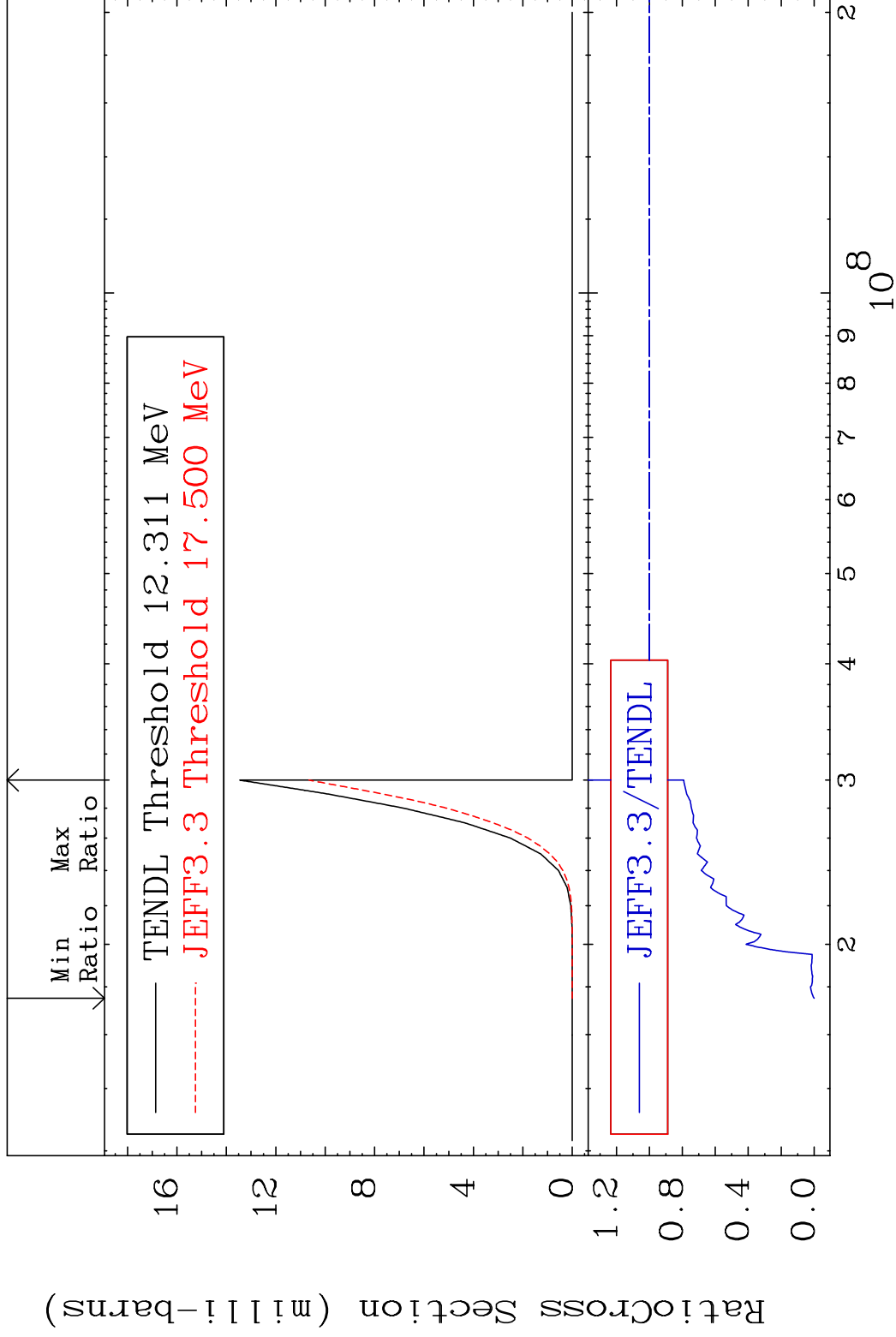
92-U -237

MAT 9234

(n,2n) p

92-U -237

Cross Section -100.0 To -20.79%



13

Incident Energy (eV)

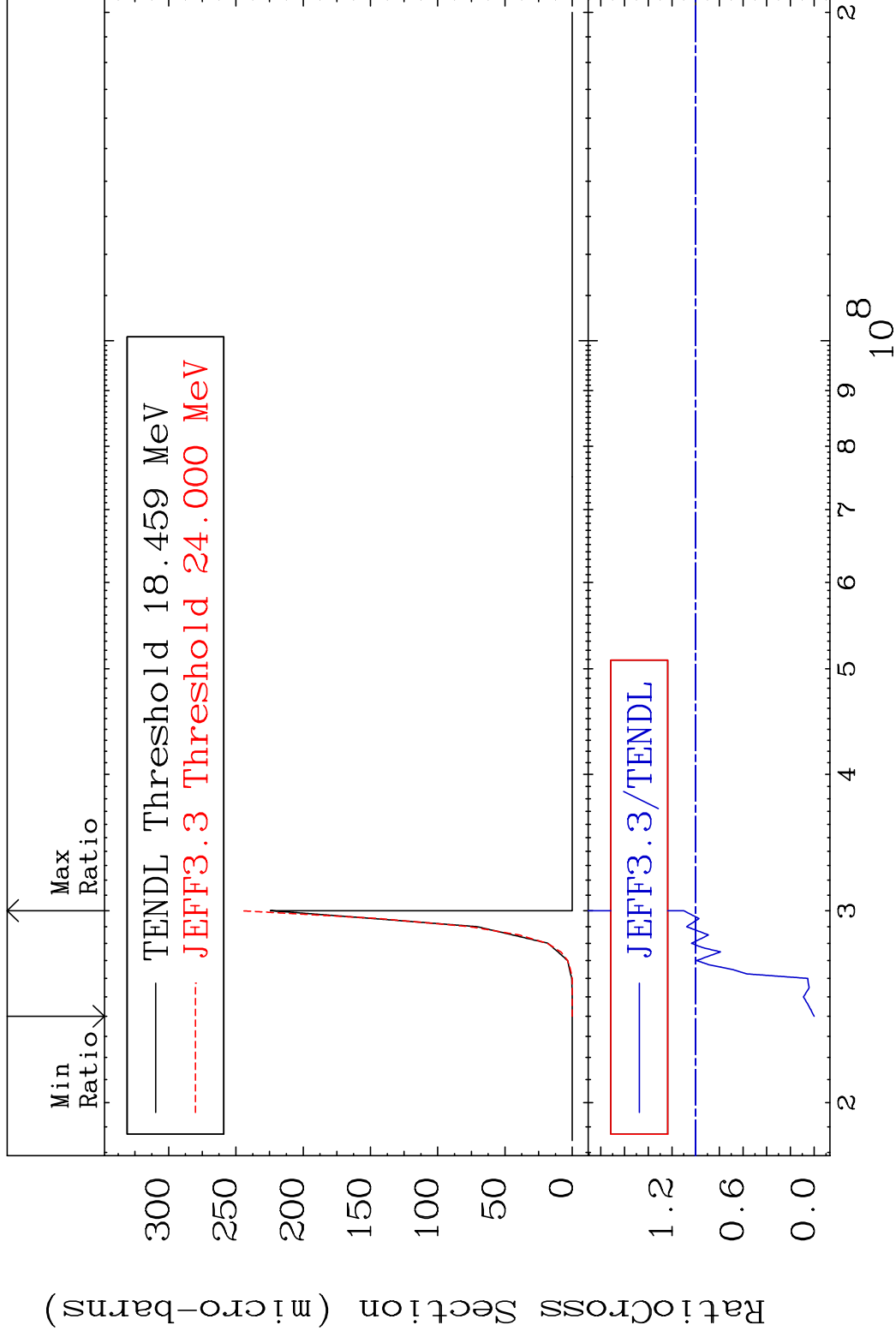
92-U -237

MAT 9234

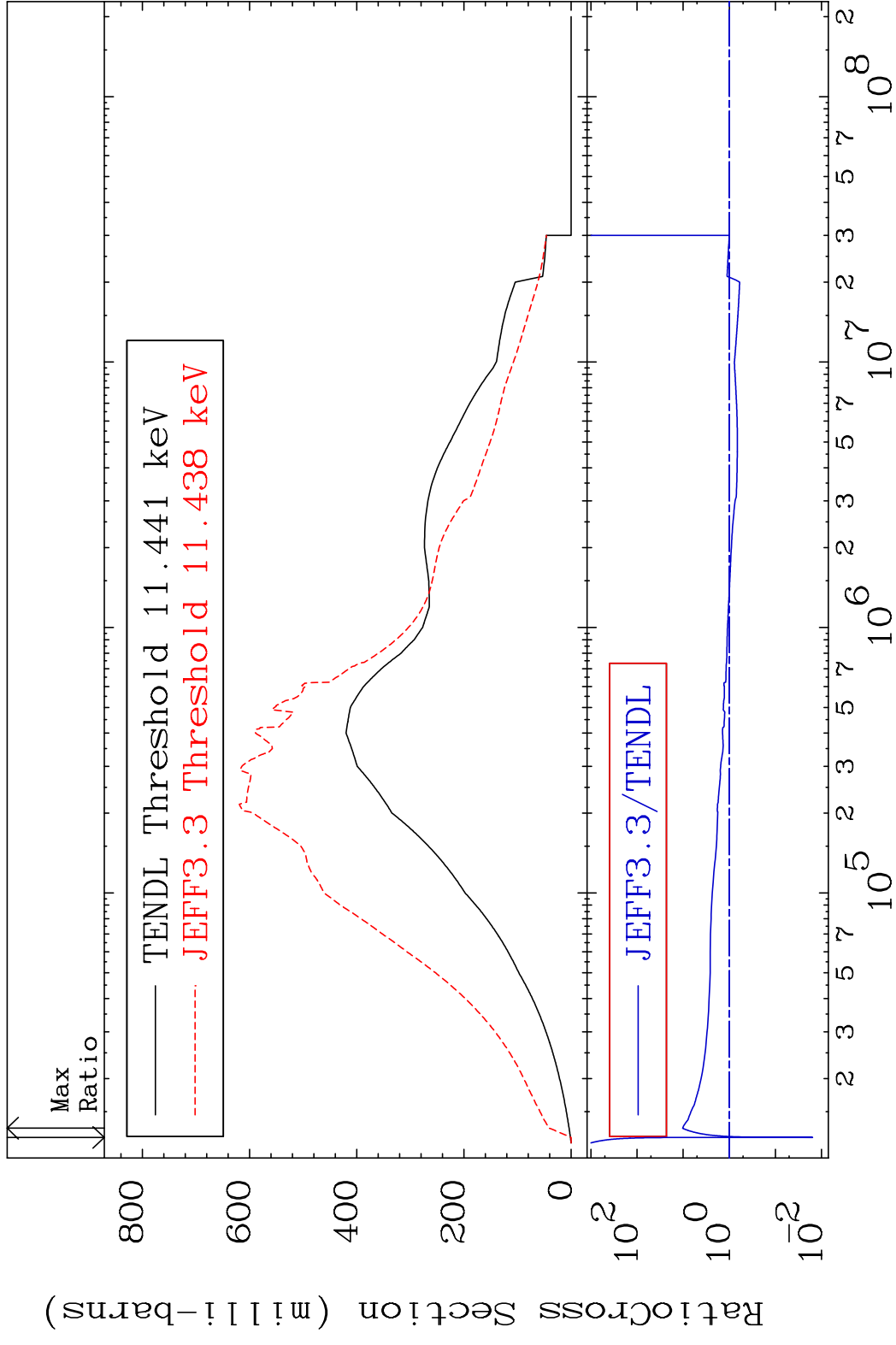
(n,3n) p

92-U -237

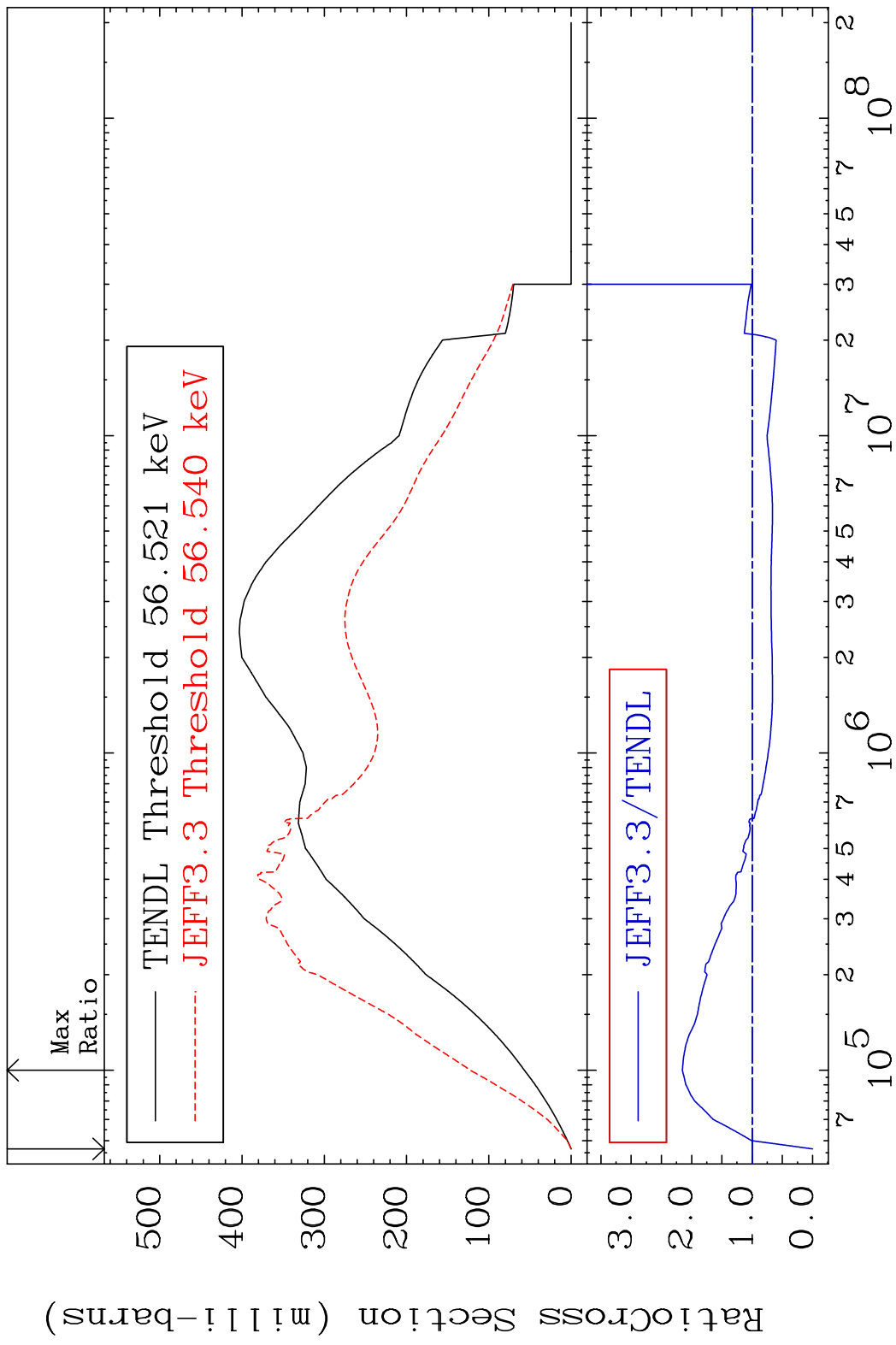
Cross Section -100.0 To 10.11 %



MAT 9234 MT= 51 (n,n') Level 92-U -237
 Cross Section -98.44 To 942.0 %

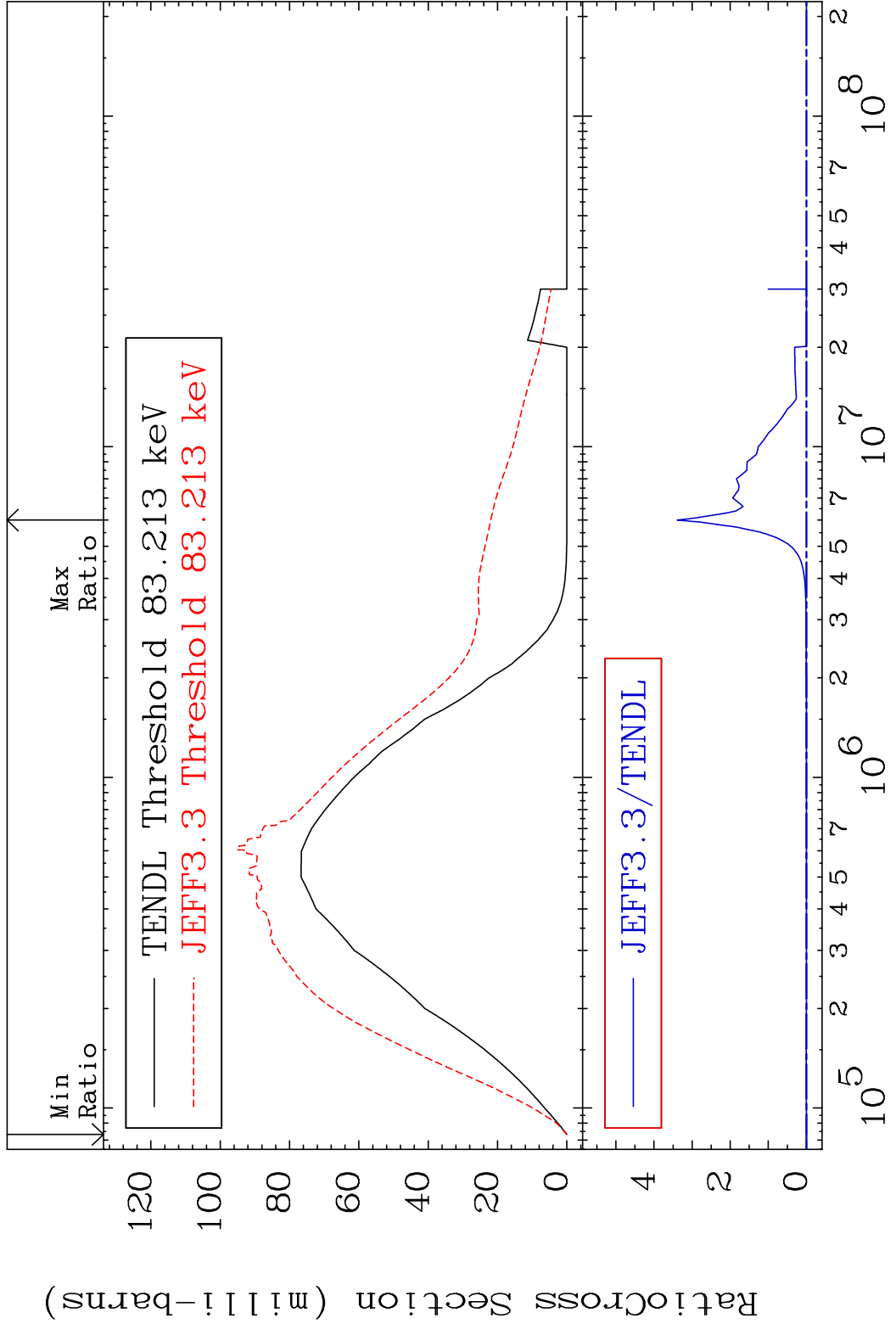


MAT 9234 MT= 52 (n,n') Level 92-U -237
 Cross Section -100.0 To 115.4 %



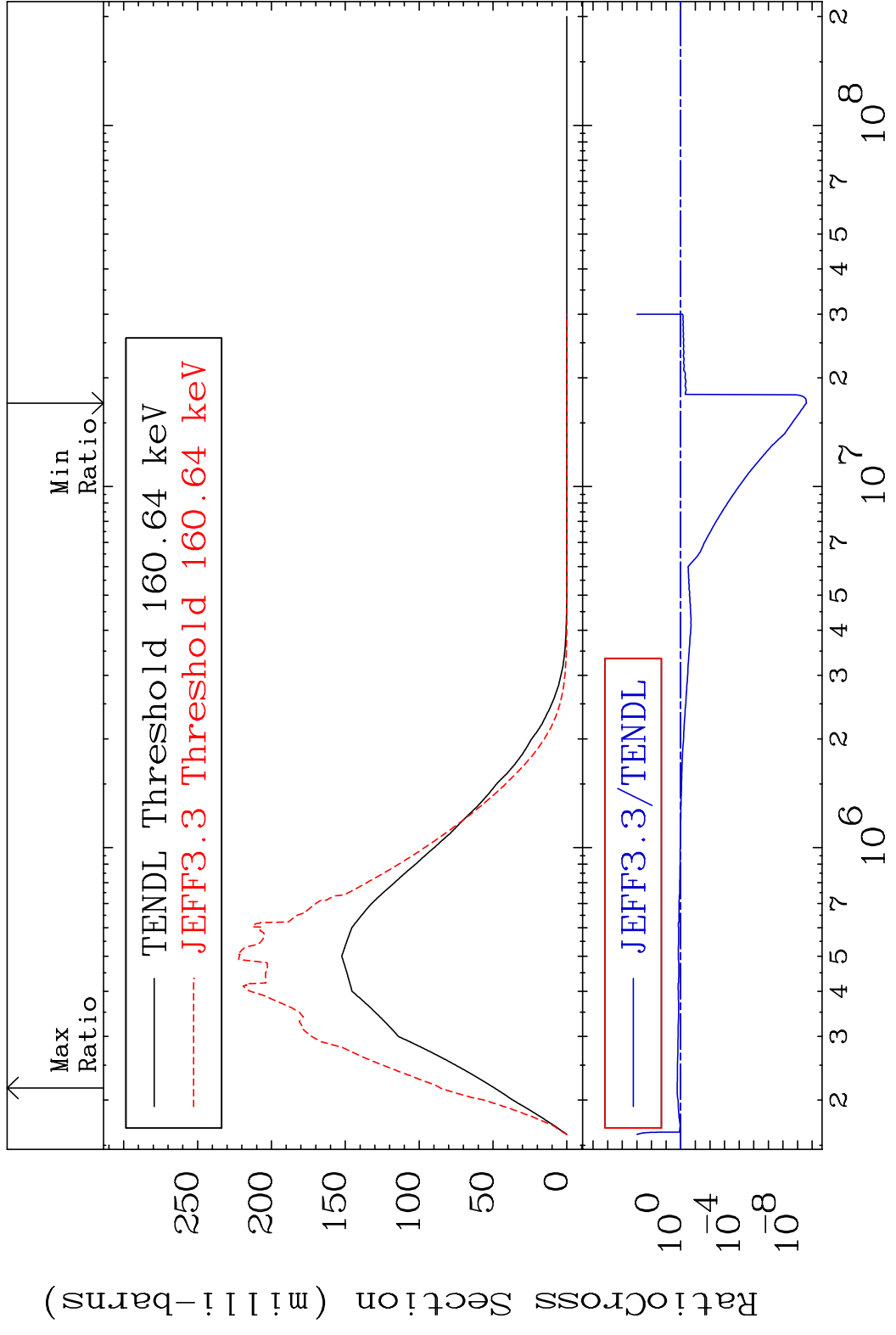
16 Incident Energy (eV) 92-U -237

MAT 9234 MT= 53 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %

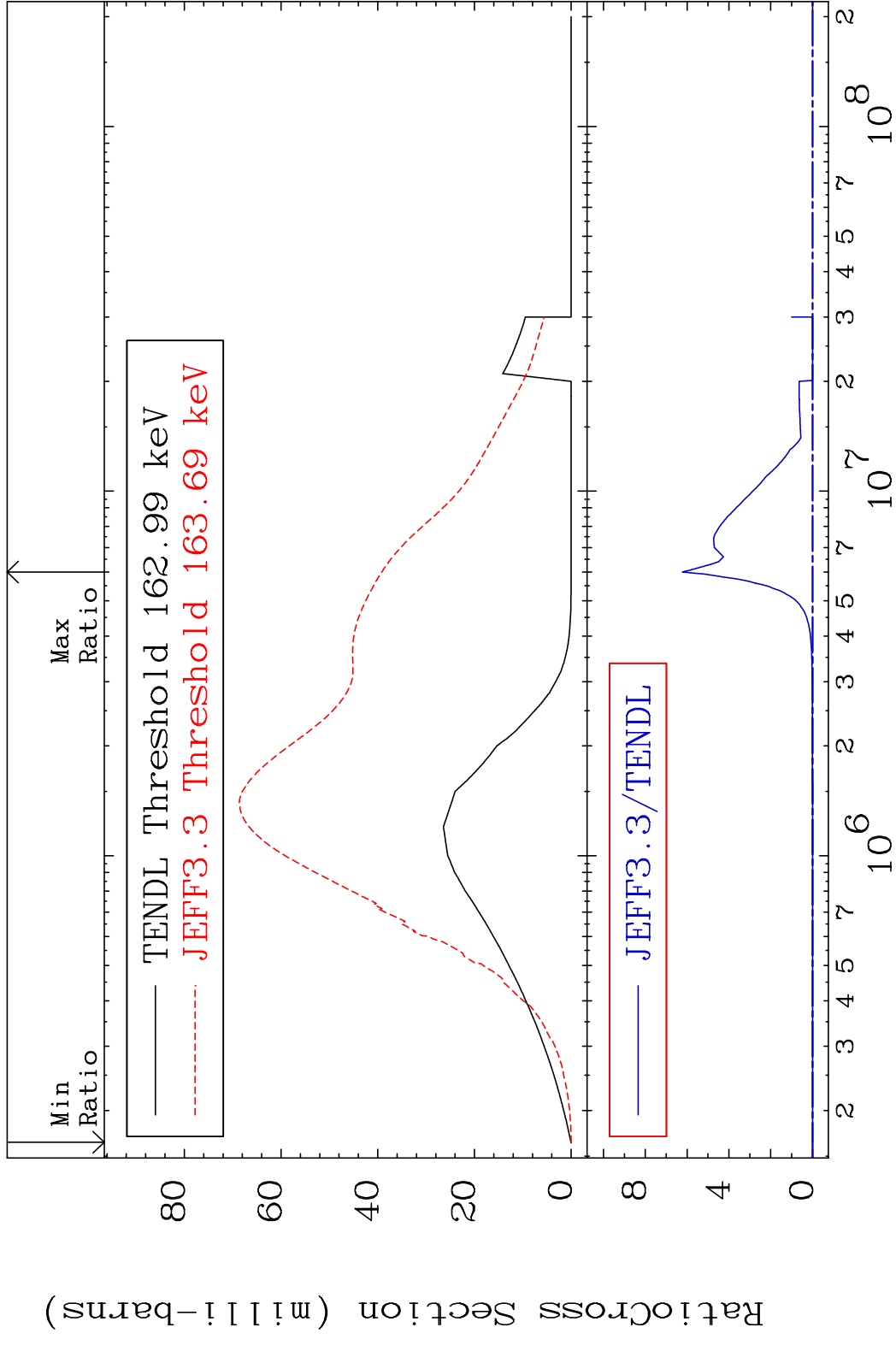


17 92-U -237

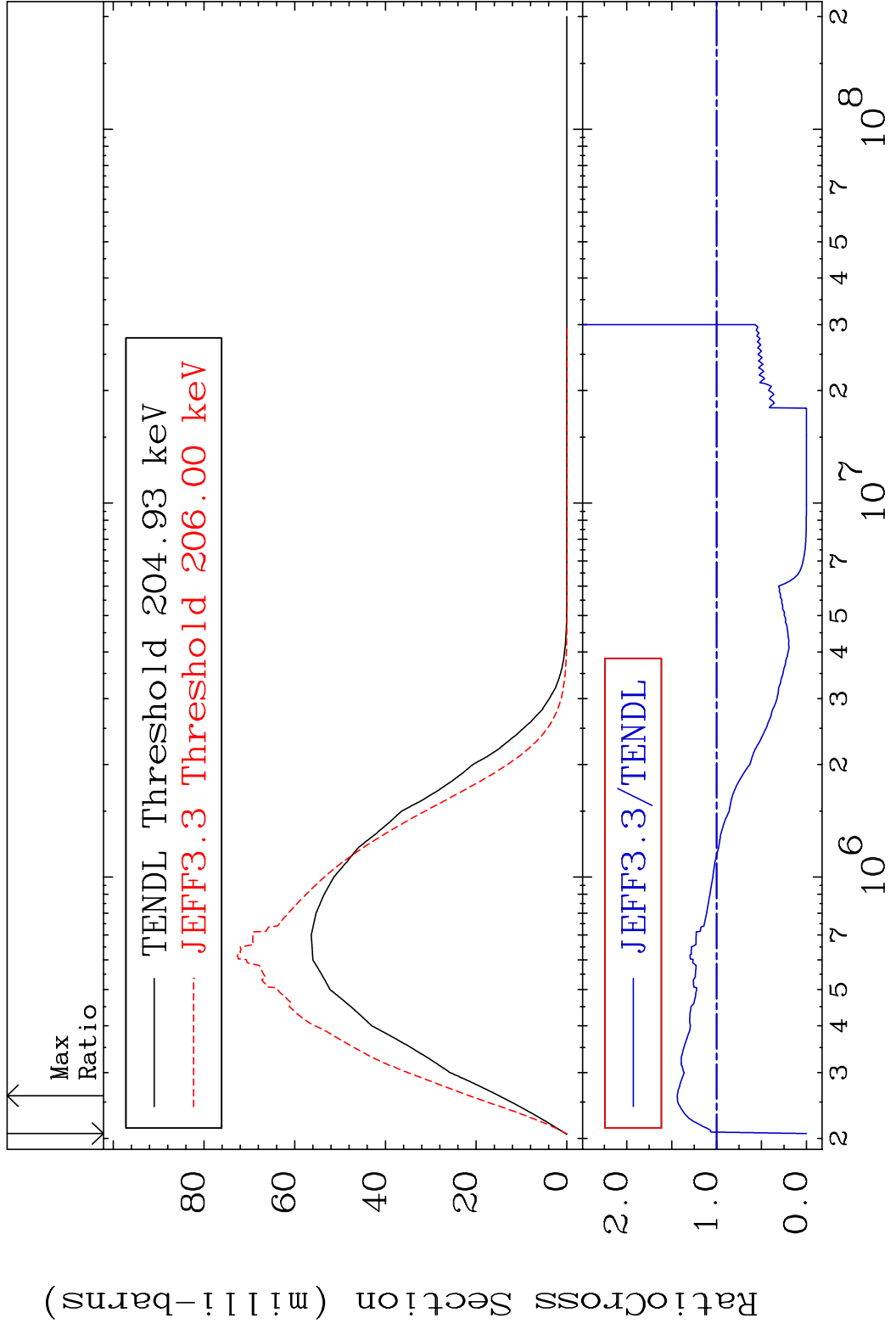
MAT 9234 MT= 54 (n,n') Level 92-U -237
 Cross Section -100.0 To 74.64 %



MAT 9234 MT= 55 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %

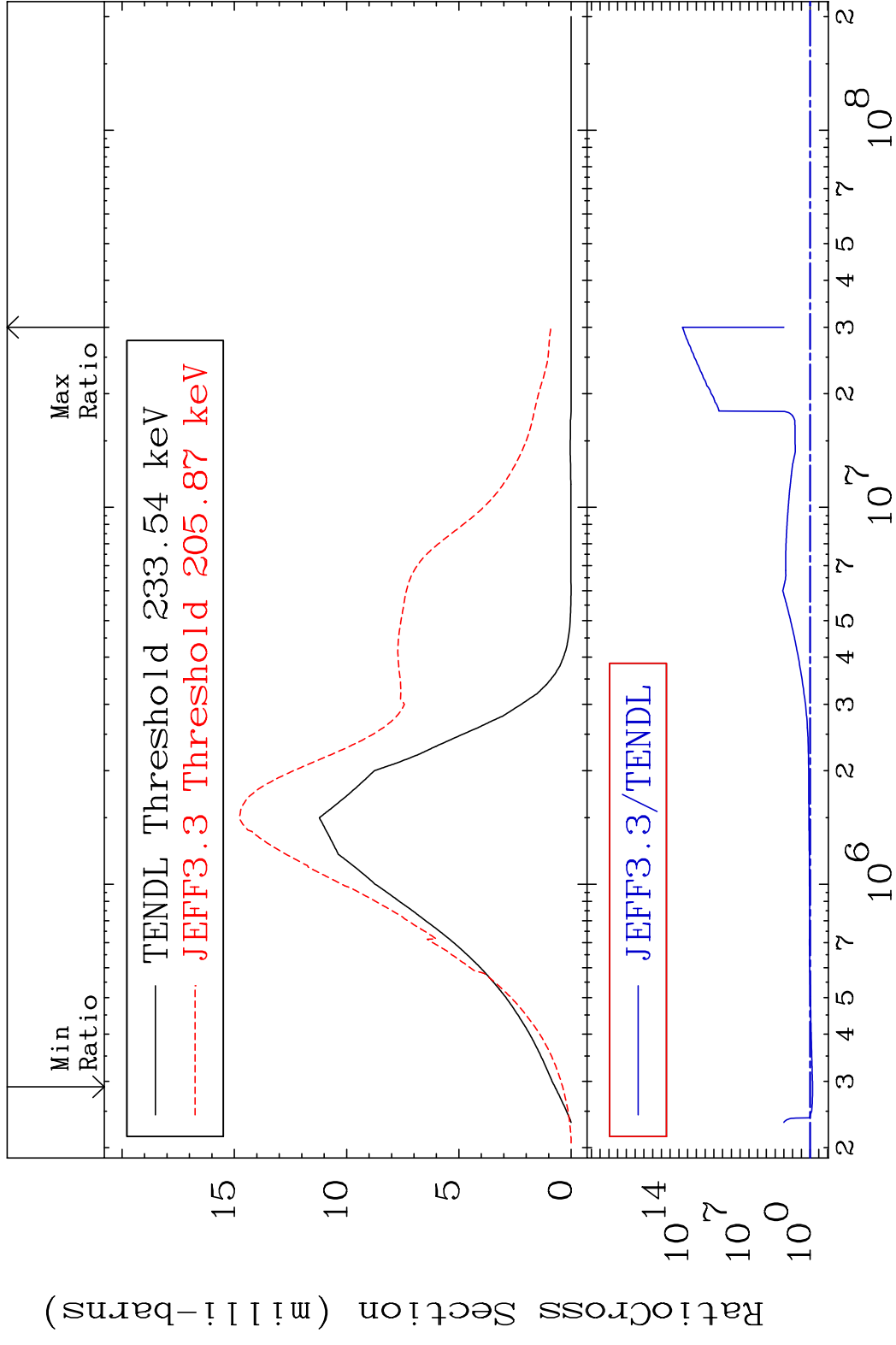


MAT 9234 MT= 56 (n,n') Level 92-U -237
 Cross Section -100.0 To 43.90 %

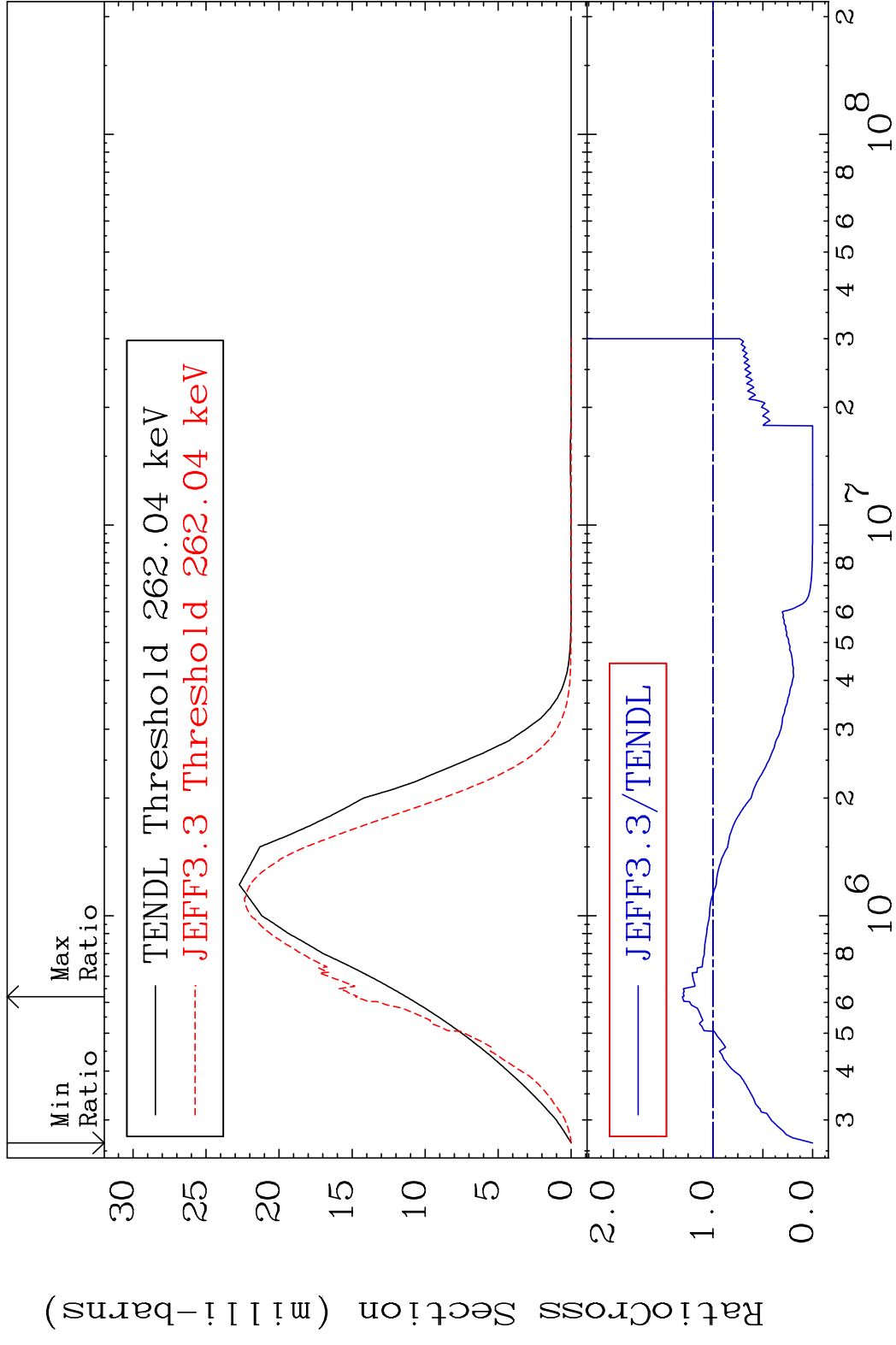


20 Incident Energy (eV) 92-U -237

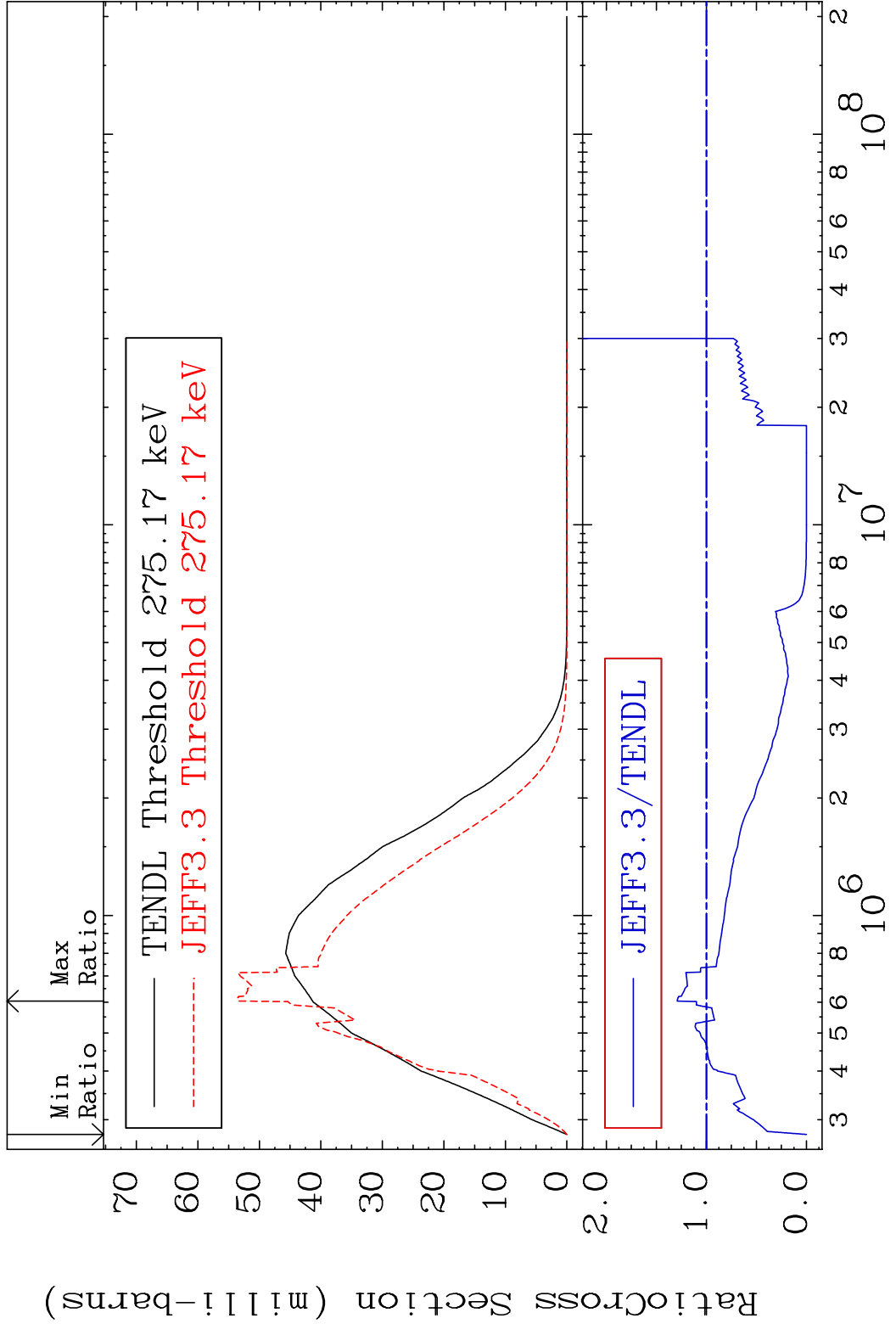
MAT 9234 MT= 57 (n,n') Level 92-U -237
 Cross Section -47.37 To 9999. %



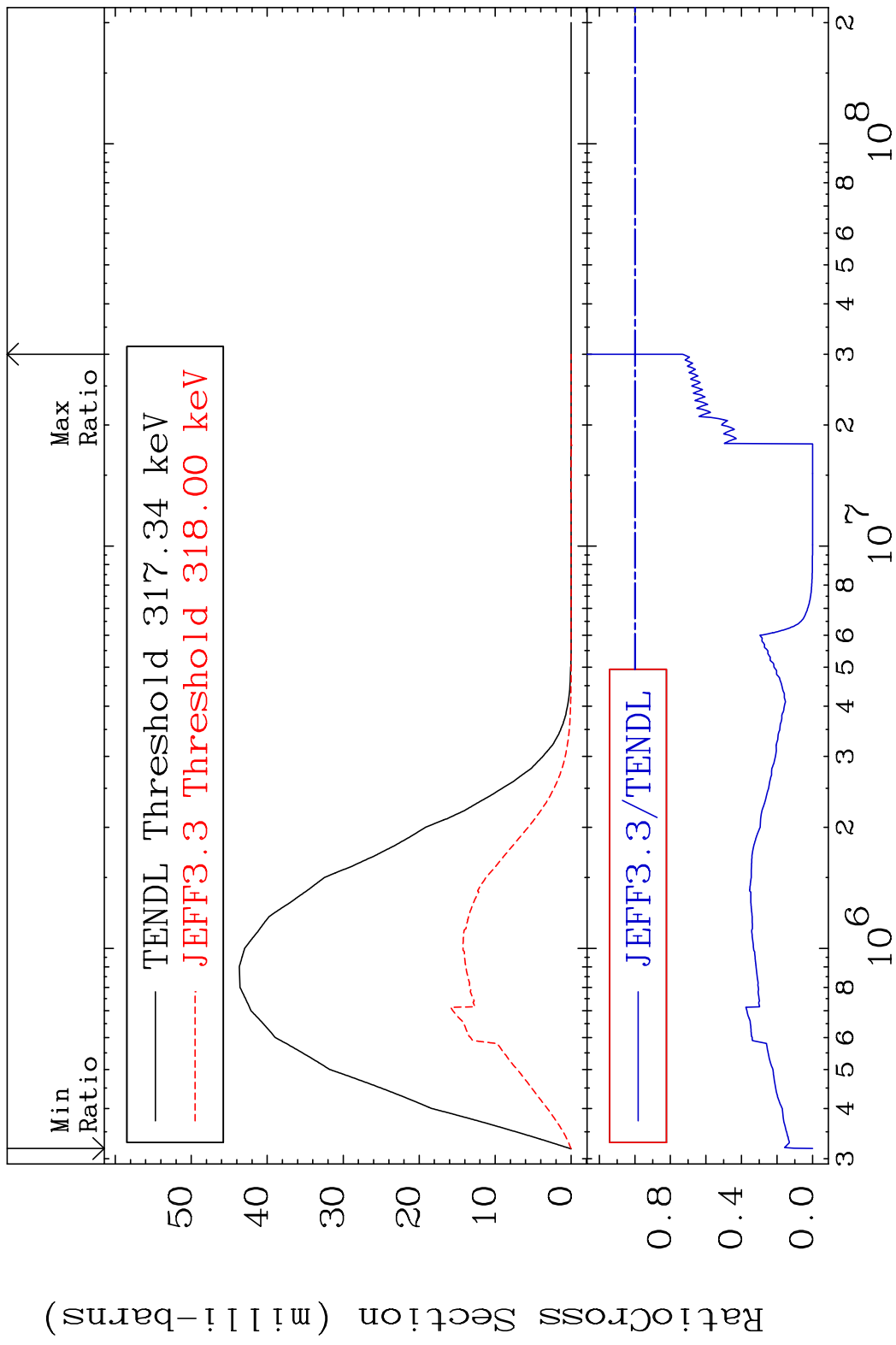
MAT 9234 MT= 58 (n,n') Level 92-U -237
 Cross Section -100.0 To 30.79 %



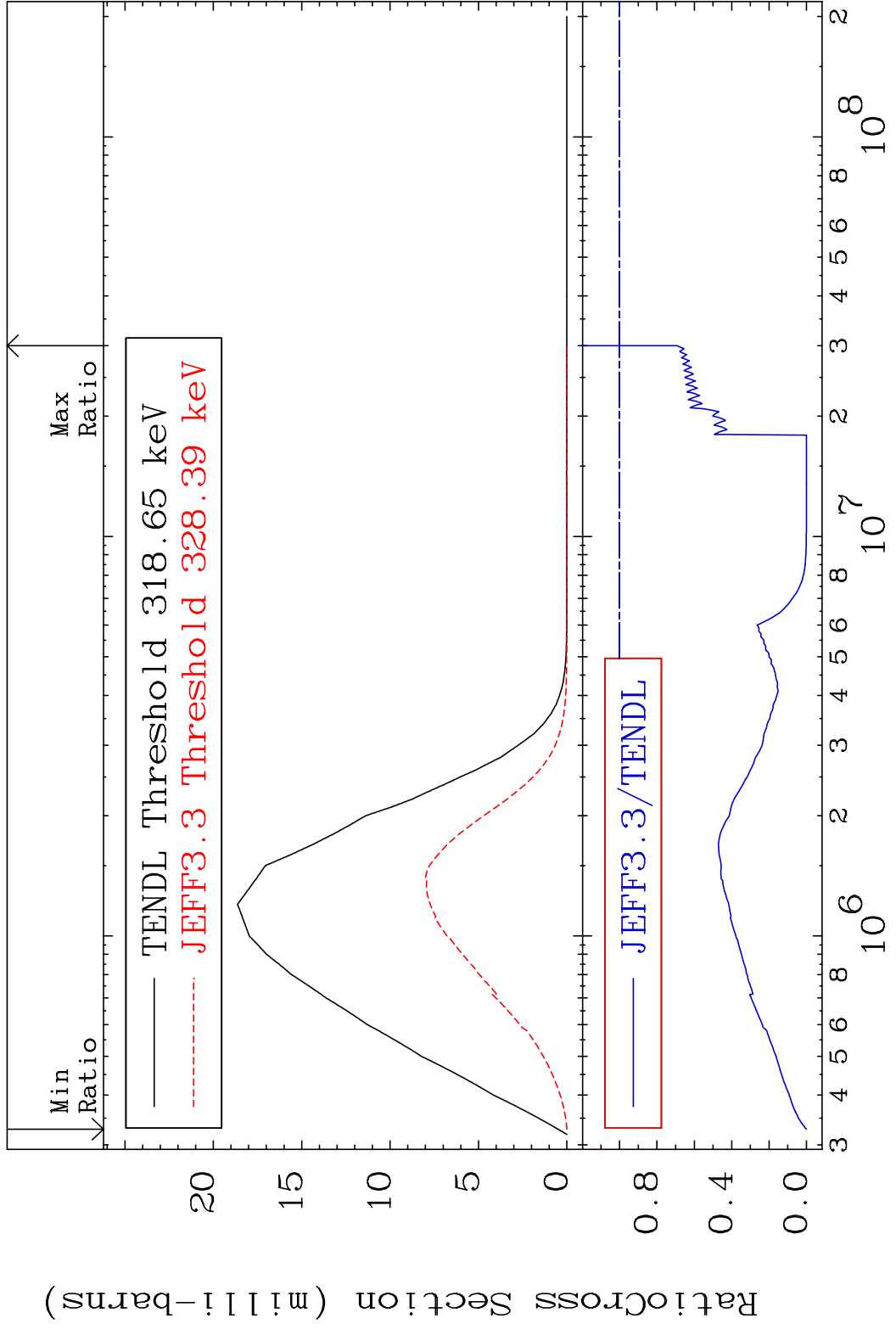
MAT 9234 MT= 59 (n,n') Level 92-U -237
 Cross Section -100.0 To 29.17 %



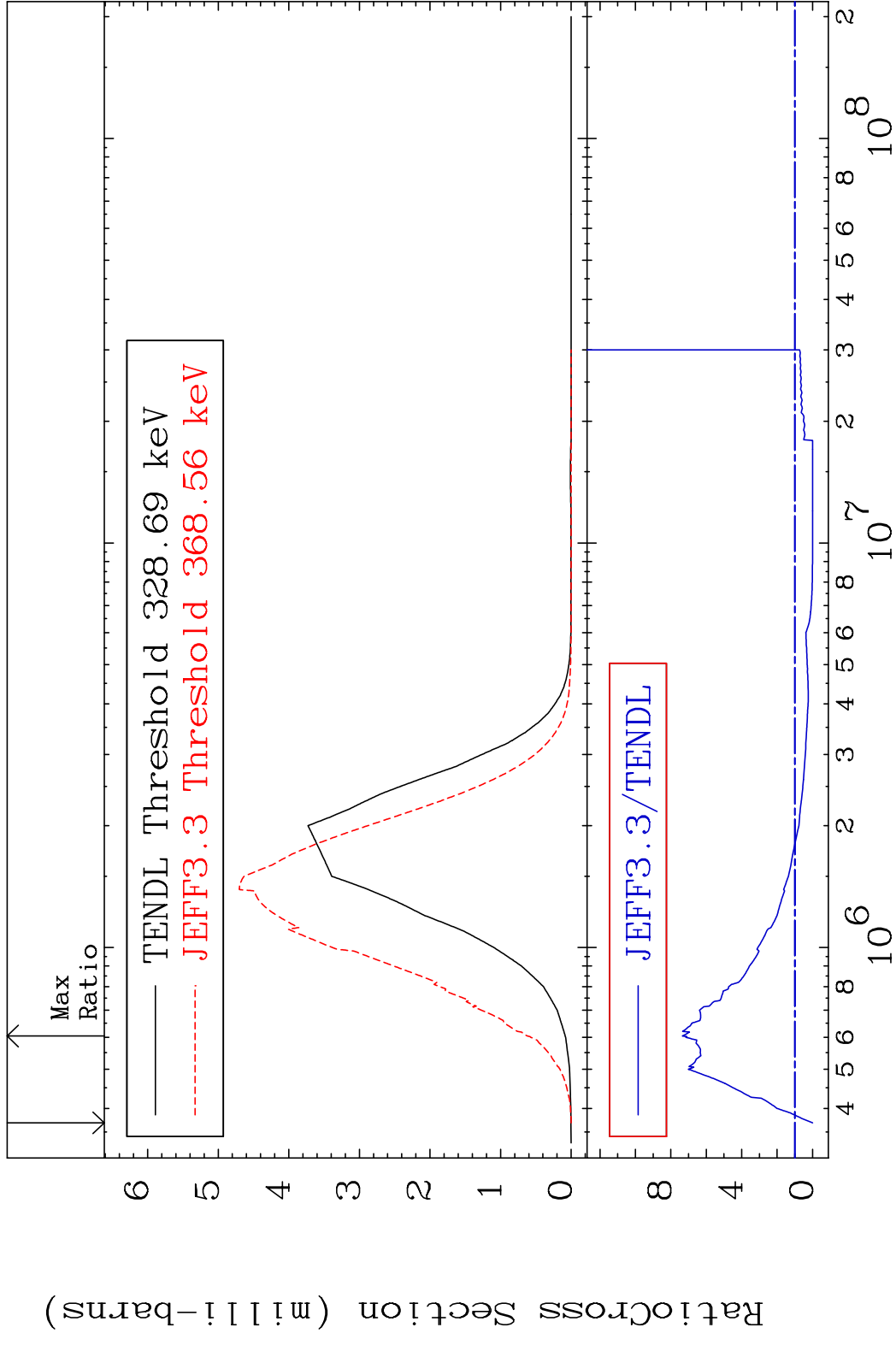
MAT 9234 MT= 60 (n,n') Level 92-U -237
 Cross Section -100.0 To -26.72%



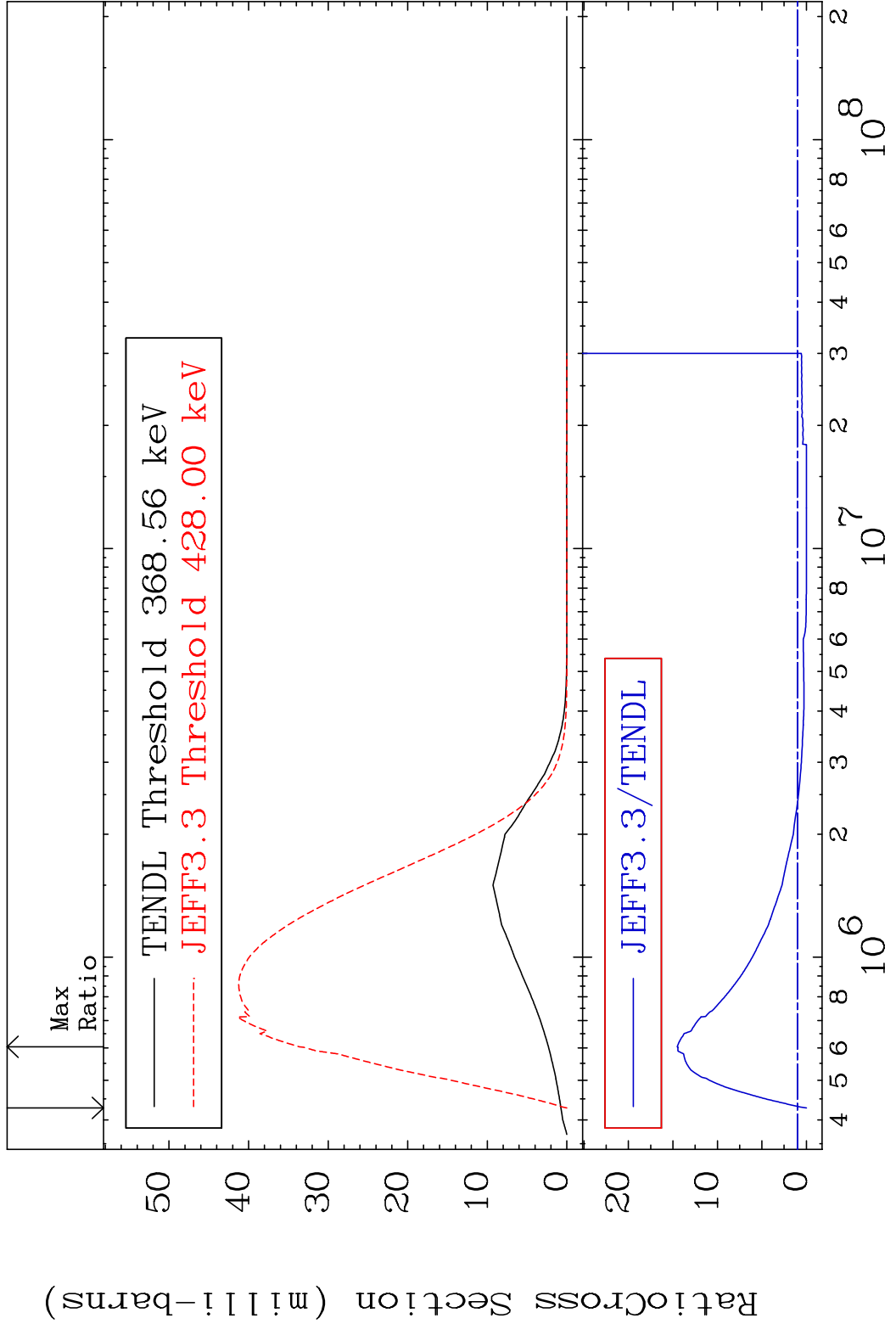
MAT 9234 MT= 61 (n,n') Level 92-U -237
 Cross Section -100.0 To -30.83%



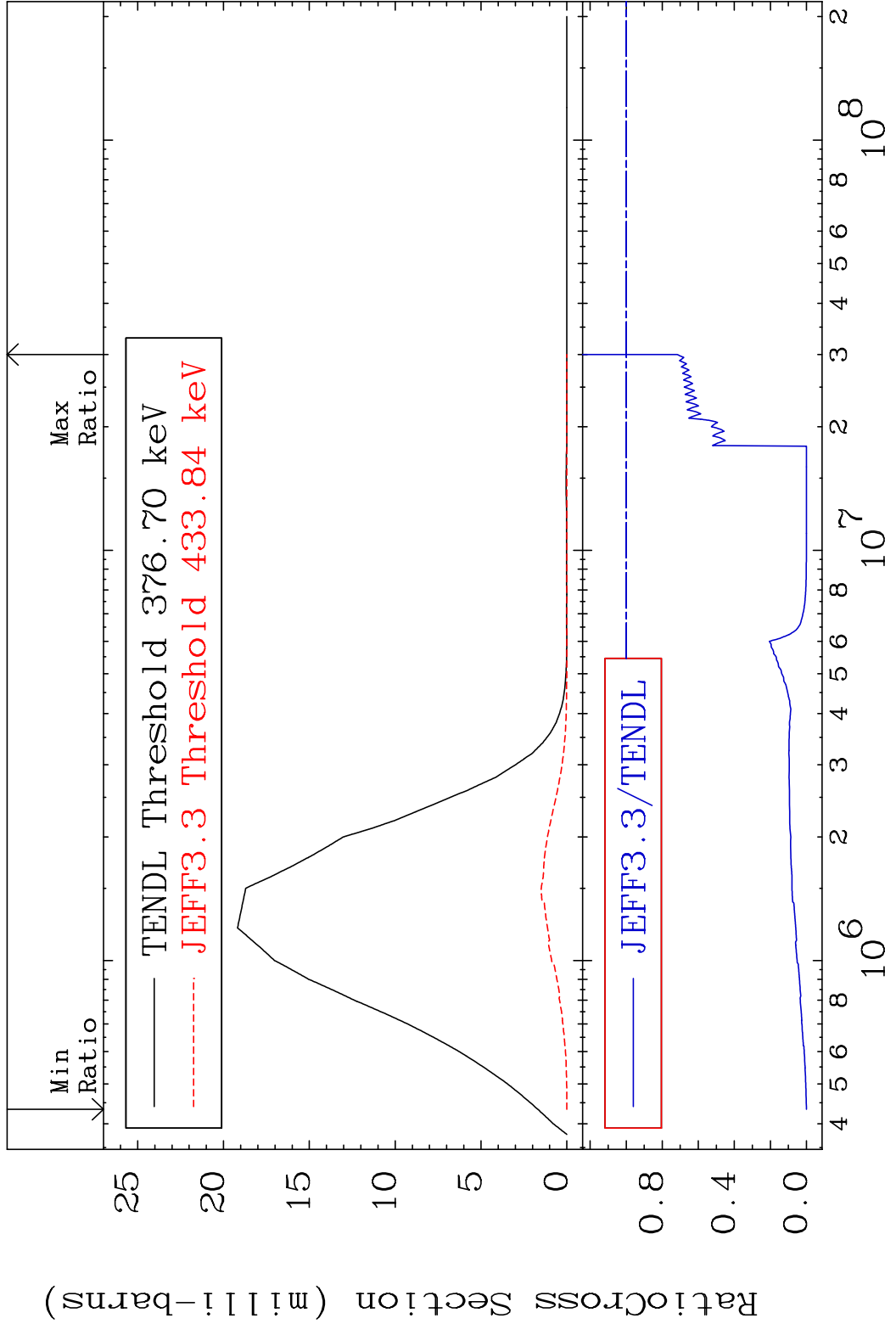
MAT 9234 MT= 62 (n,n') Level 92-U -237
 Cross Section -100.0 To 635.0 %



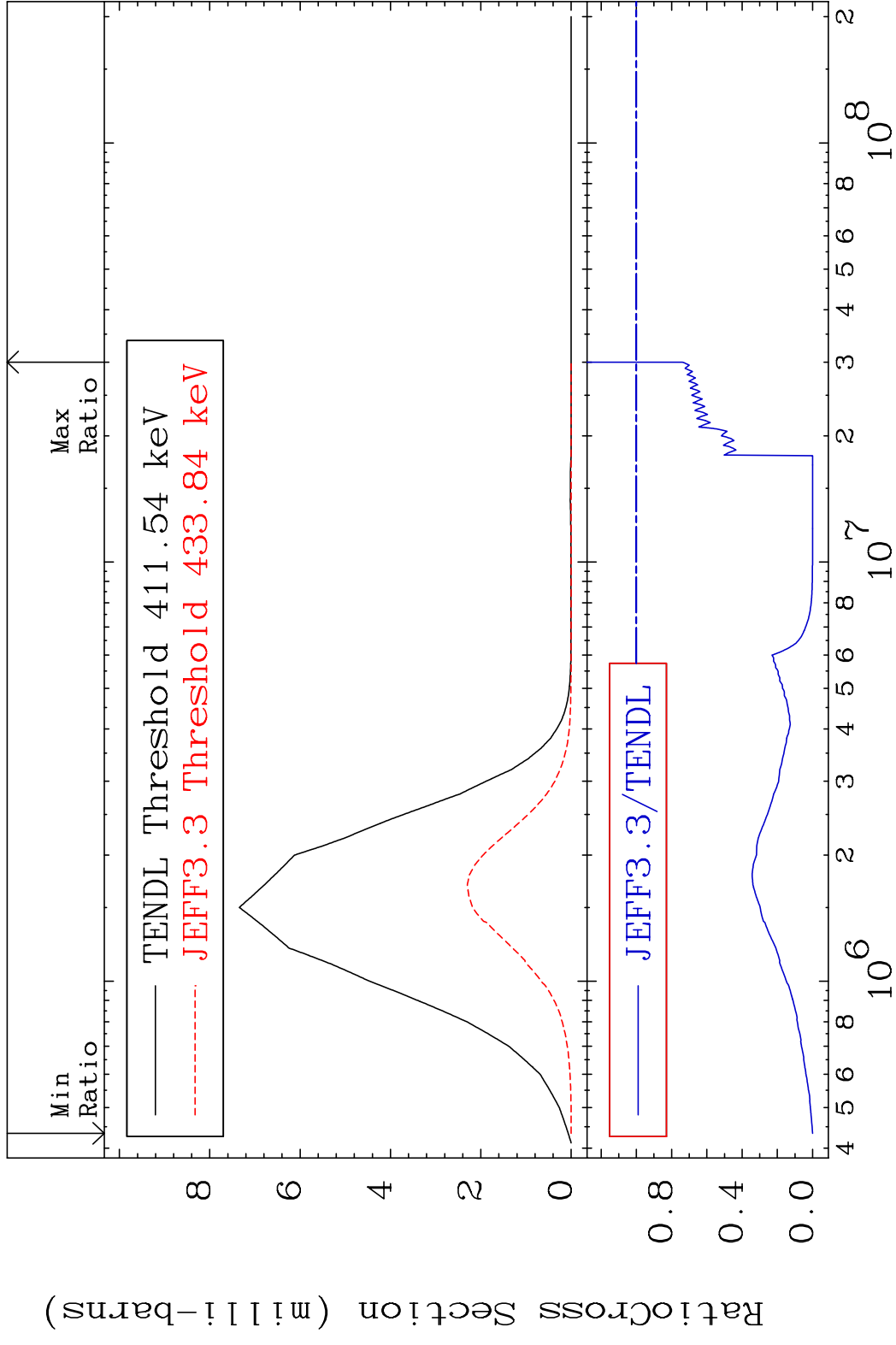
MAT 9234 MT= 63 (n,n') Level 92-U -237
 Cross Section -100.0 To 1352. %



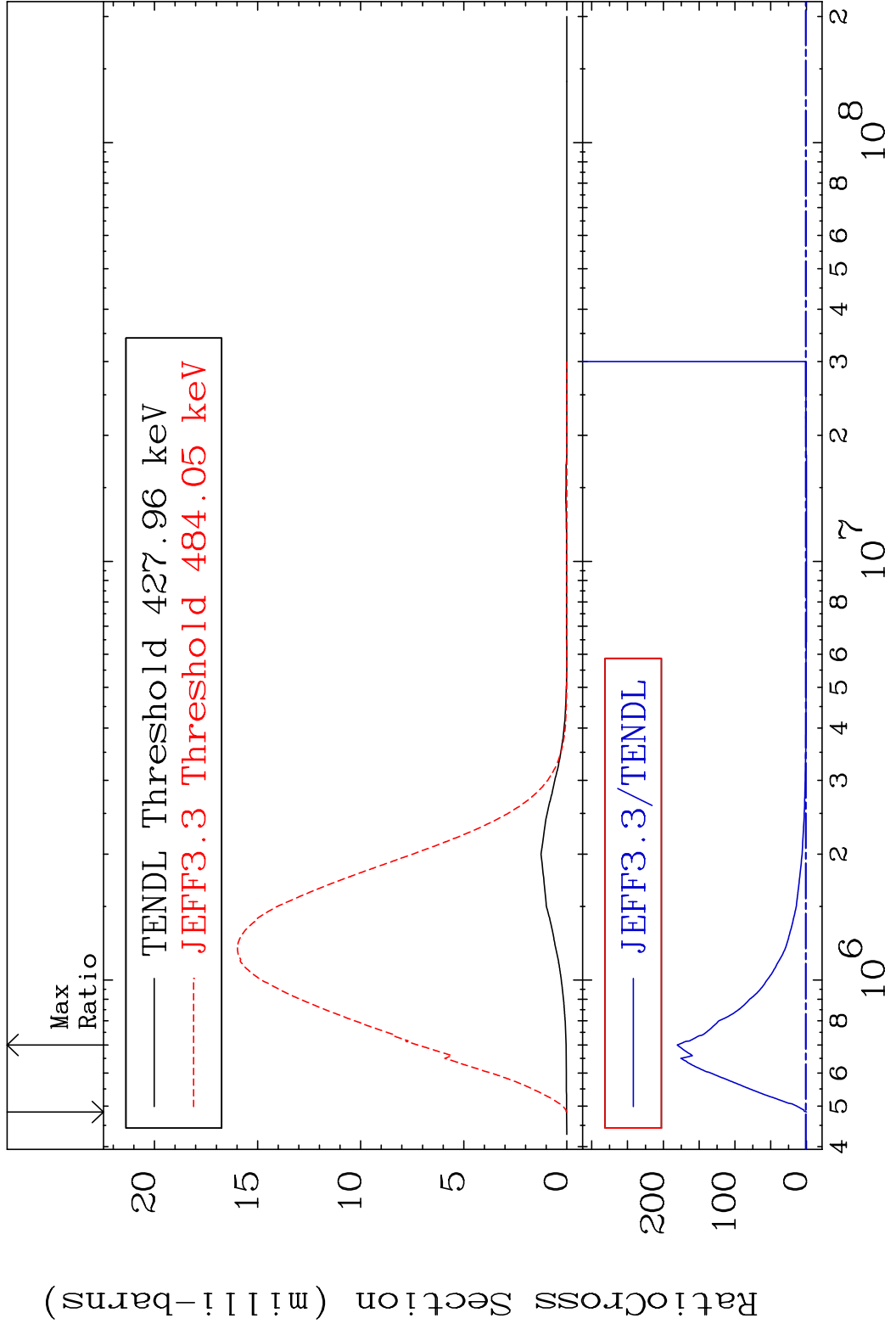
MAT 9234 MT= 64 (n,n') Level 92-U -237
 Cross Section -100.0 To -28.29%



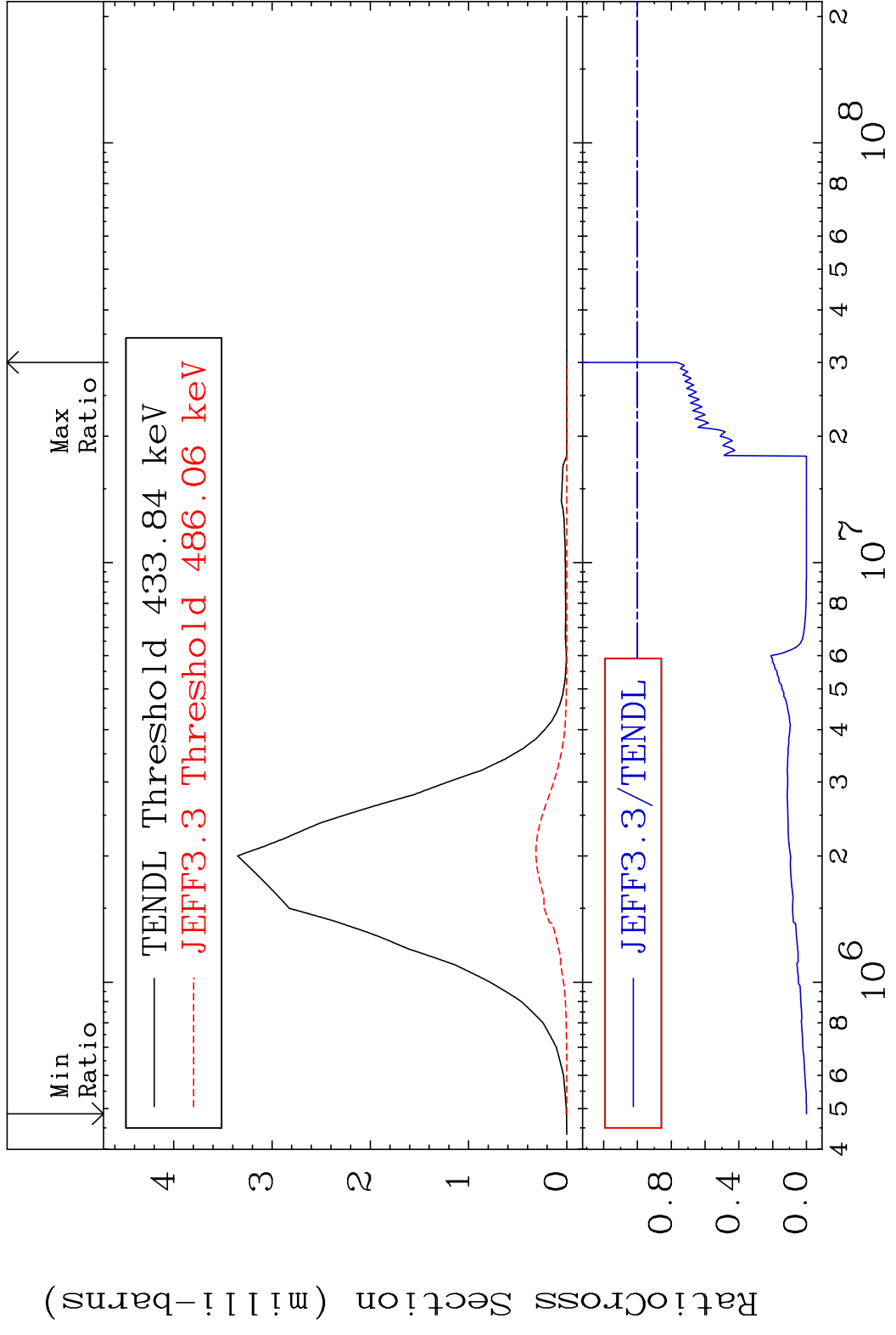
MAT 9234 MT= 65 (n, n') Level 92-U -237
 Cross Section -100.0 To -26.10%



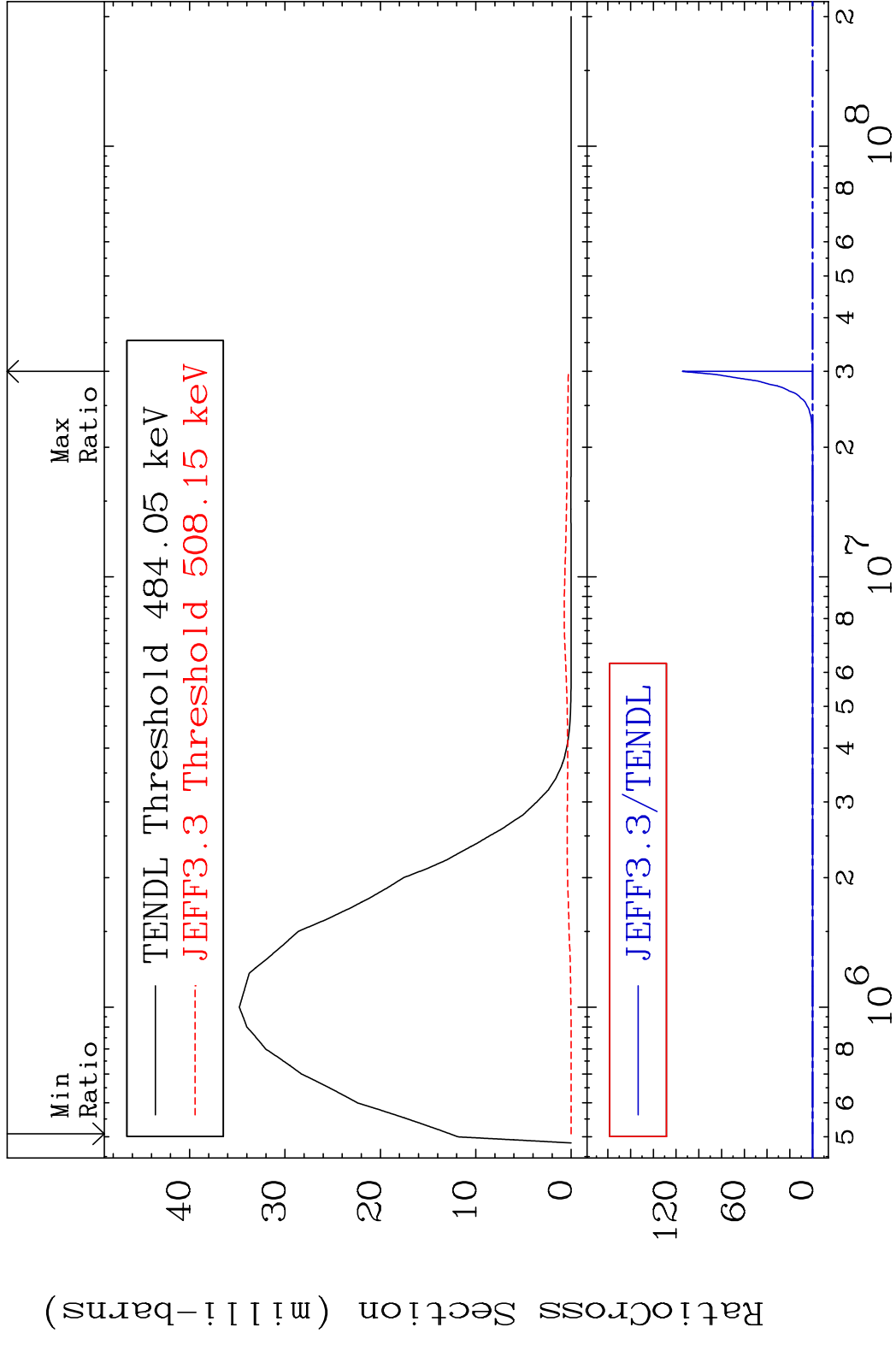
MAT 9234 MT= 66 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %



MAT 9234 MT= 67 (n, n') Level 92-U -237
 Cross Section -100.0 To -23.51%

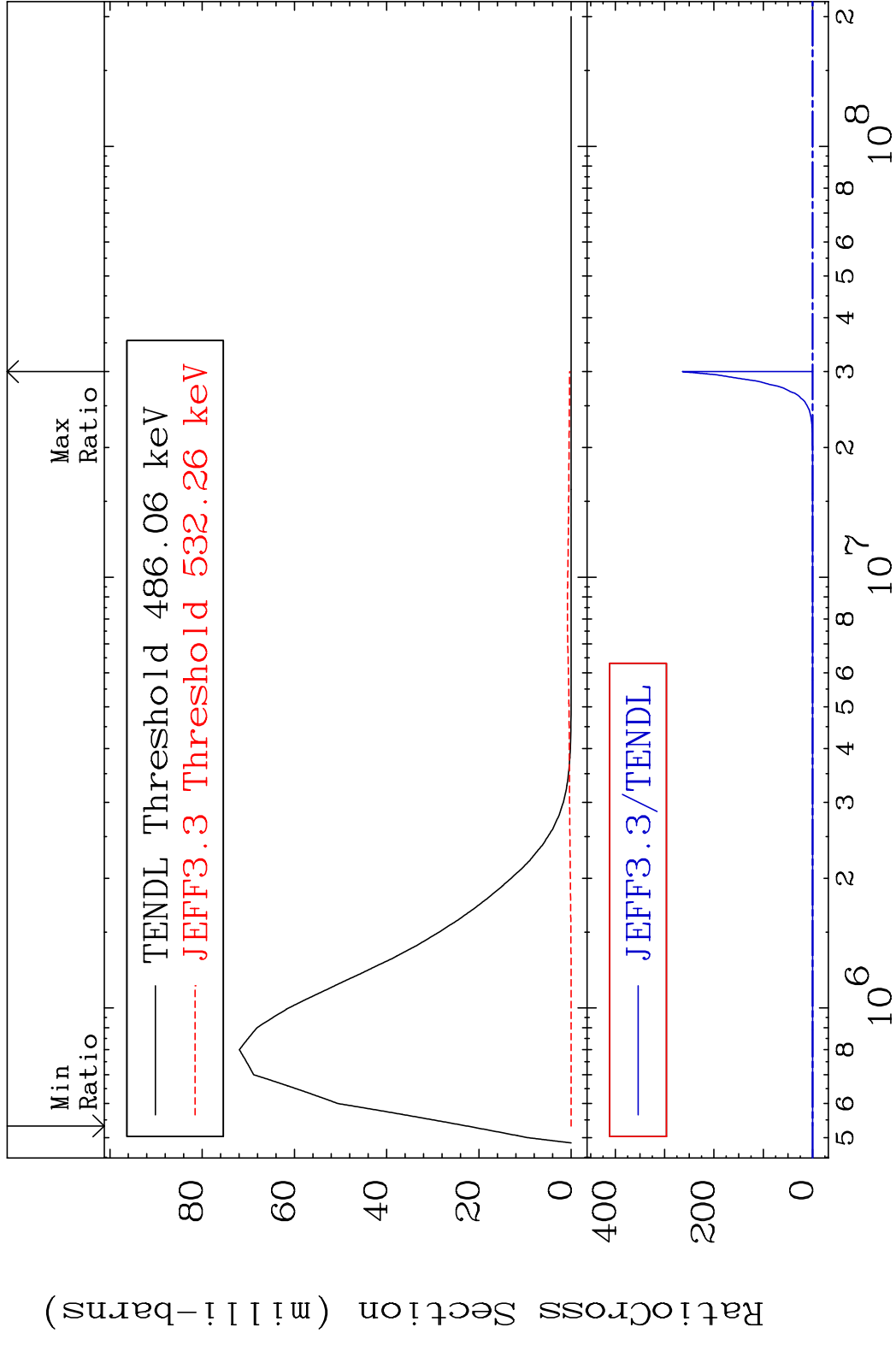


MAT 9234 MT= 68 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %

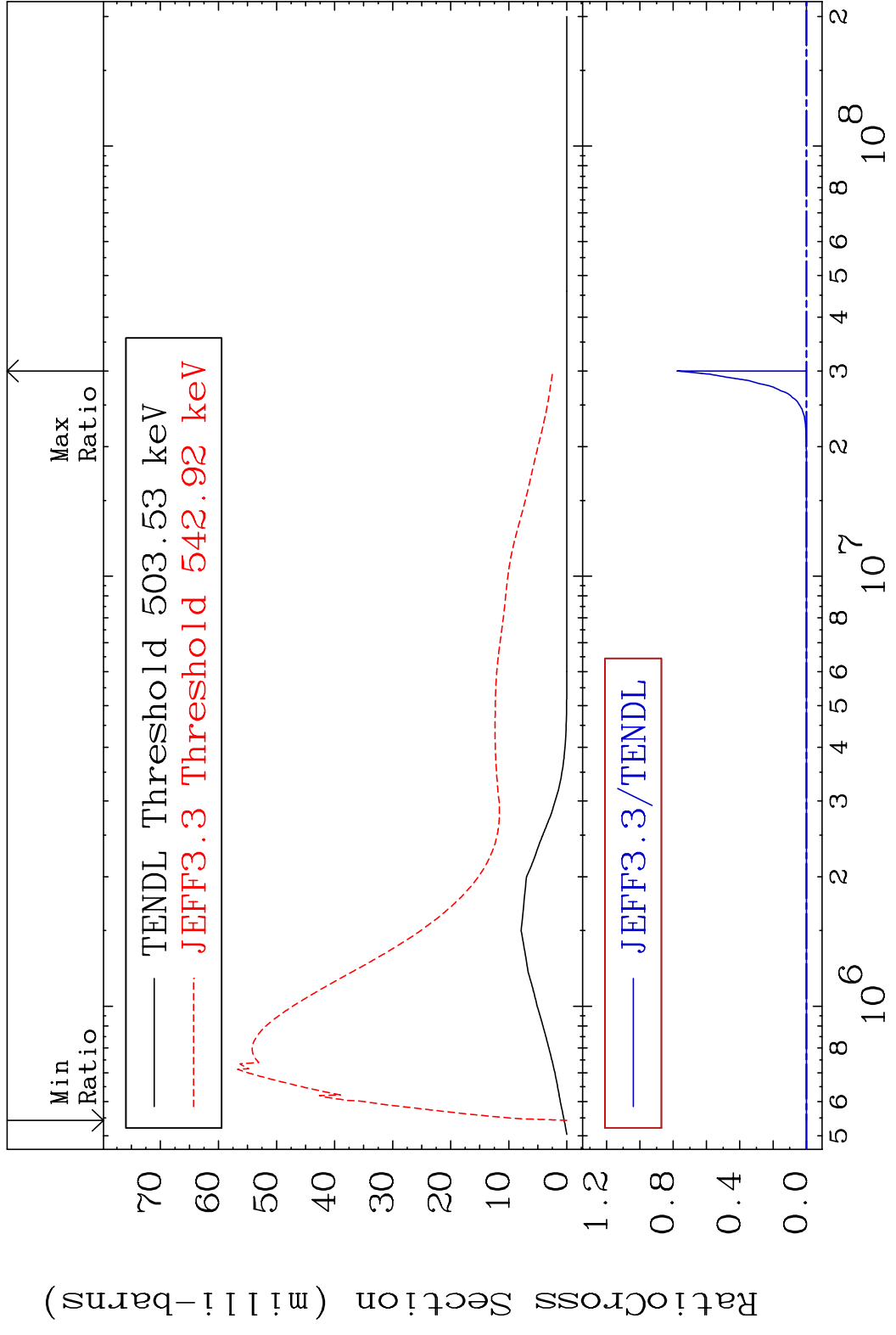


32 Incident Energy (eV) 92-U -237

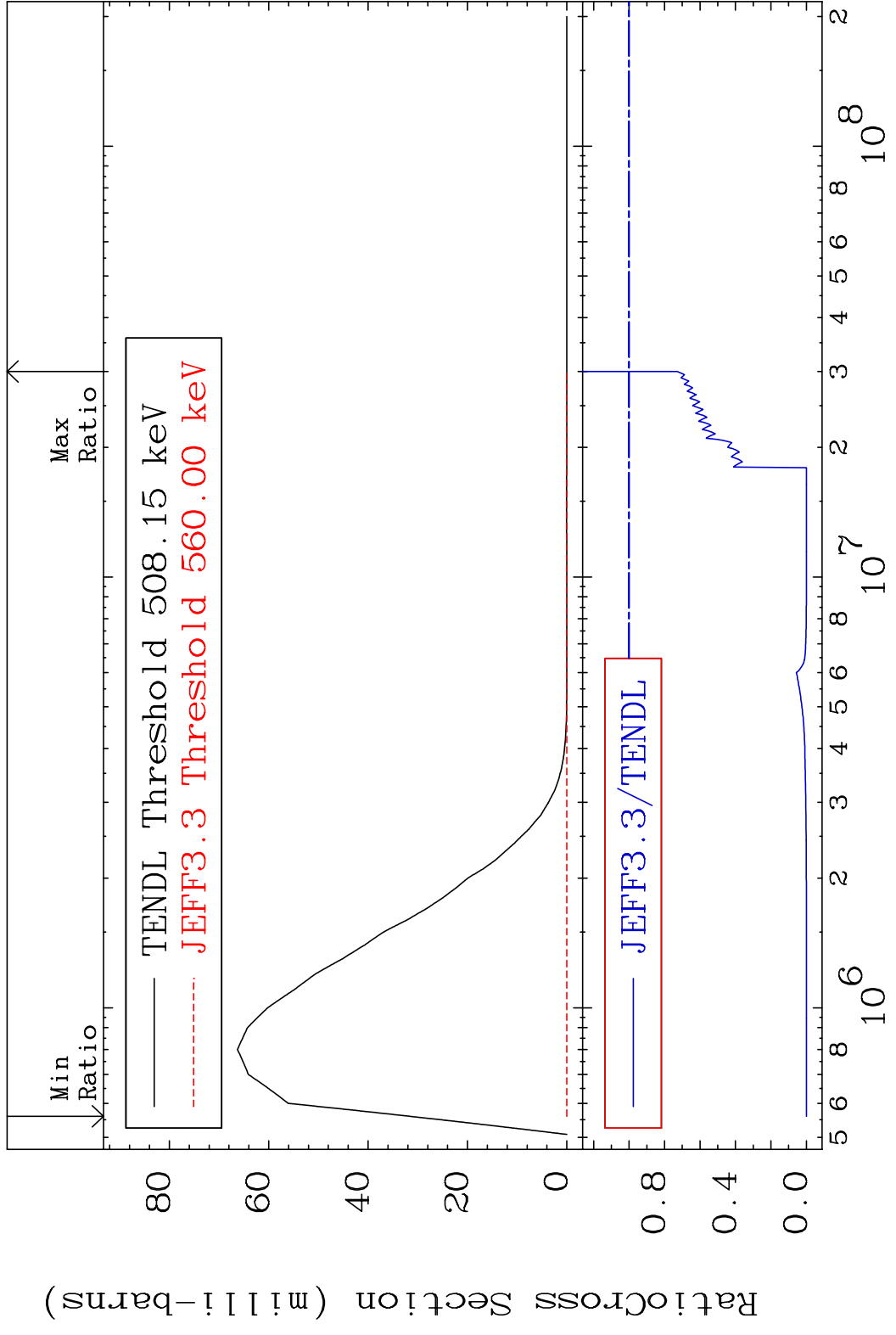
MAT 9234 MT= 69 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %



MAT 9234 MT= 70 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %

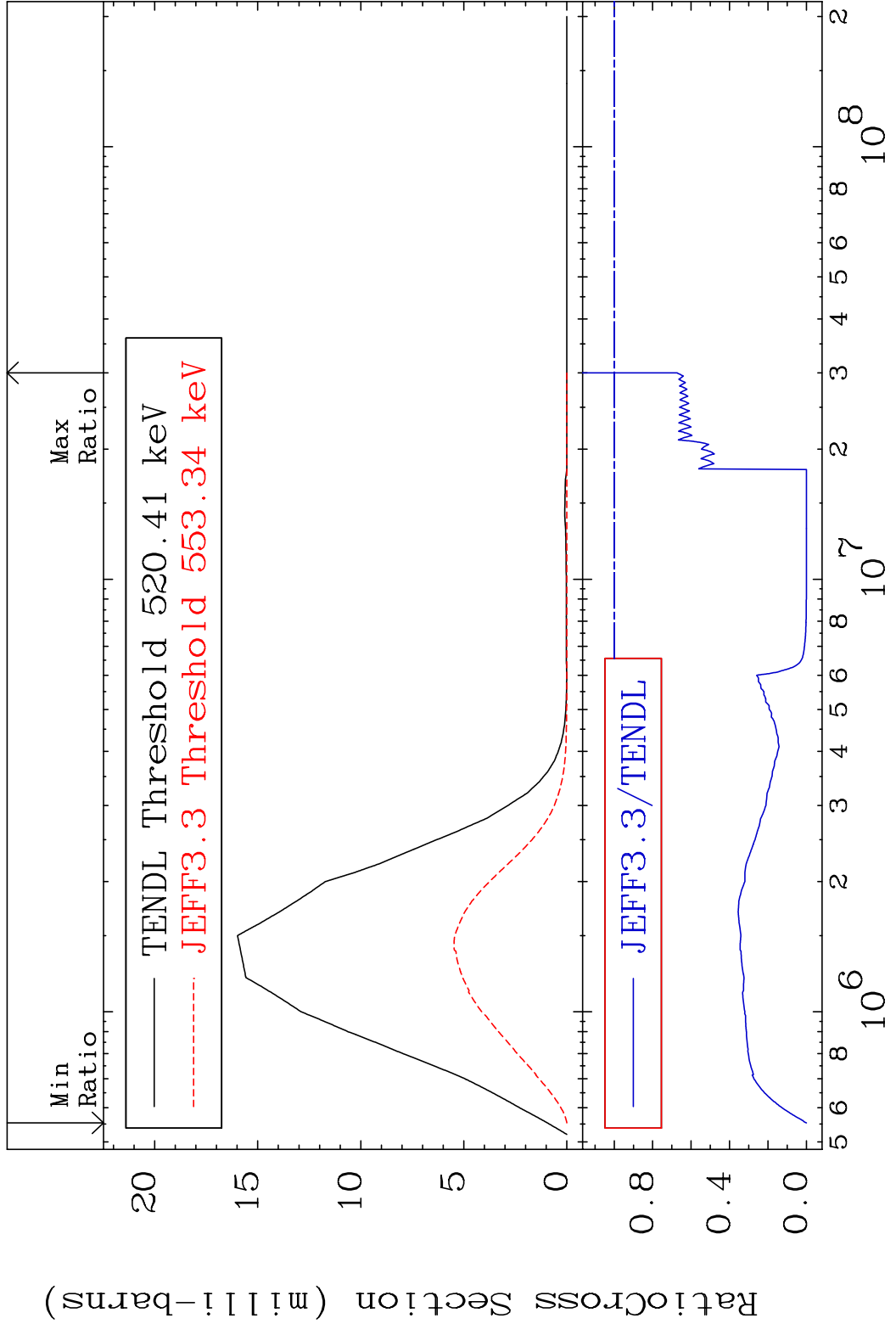


MAT 9234 MT= 71 (n, n') Level 92-U -237
 Cross Section -100.0 To -27.13%

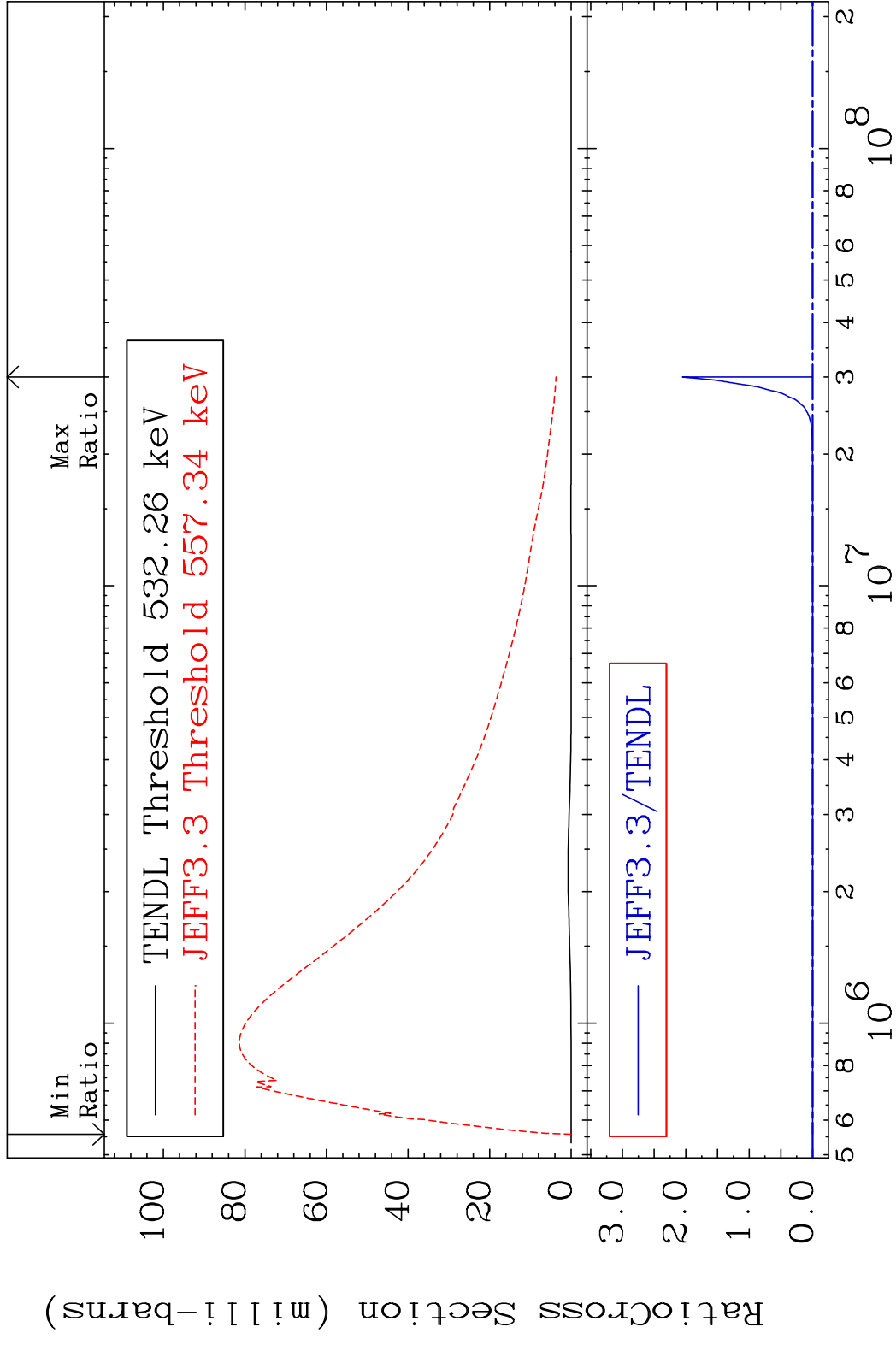


35 Incident Energy (eV) 92-U -237

MAT 9234 MT= 72 (n,n') Level 92-U -237
 Cross Section -100.0 To -32.77%

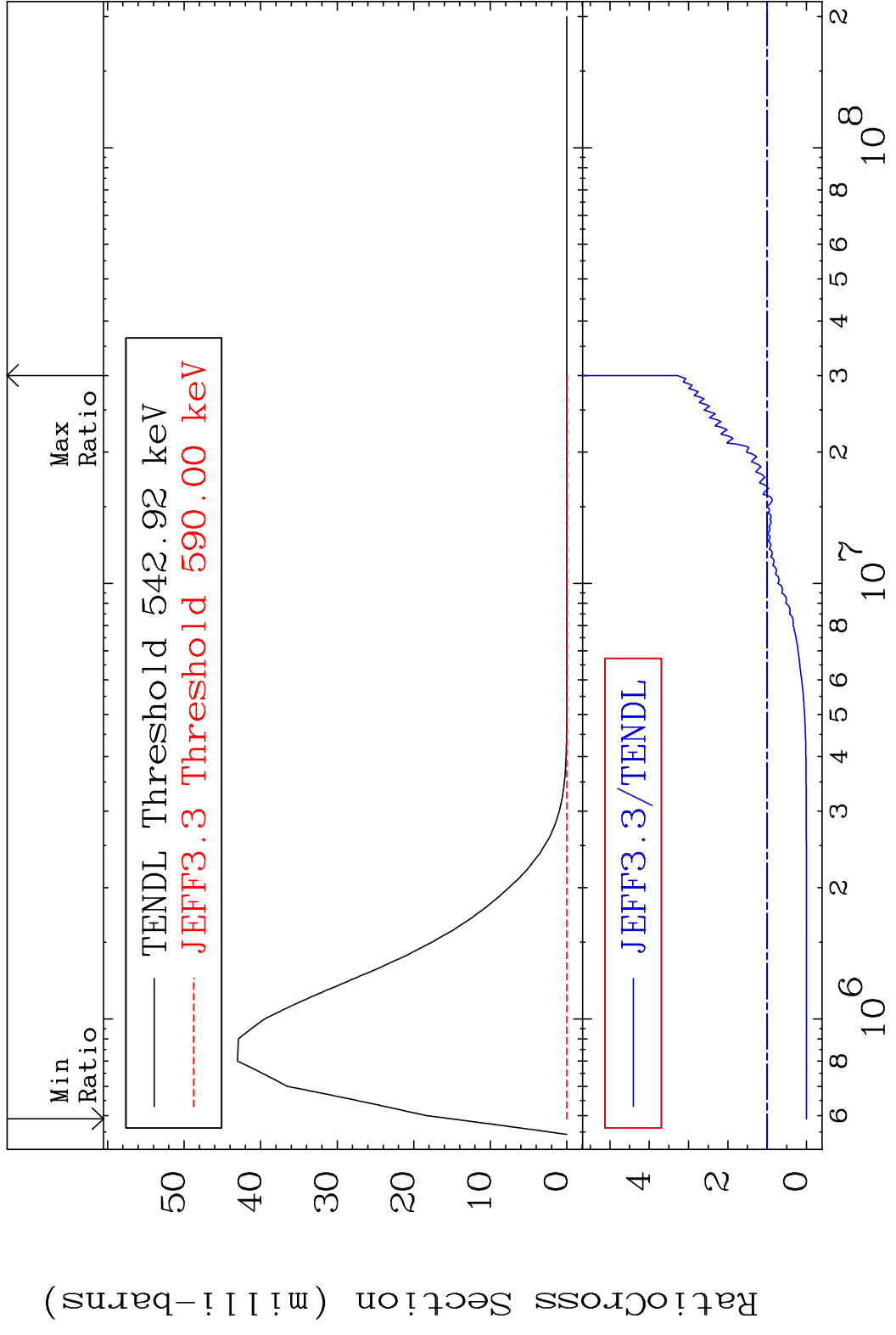


MAT 9234 MT= 73 (n, n') Level 92-U -237
 Cross Section -100.0 To 9999. %

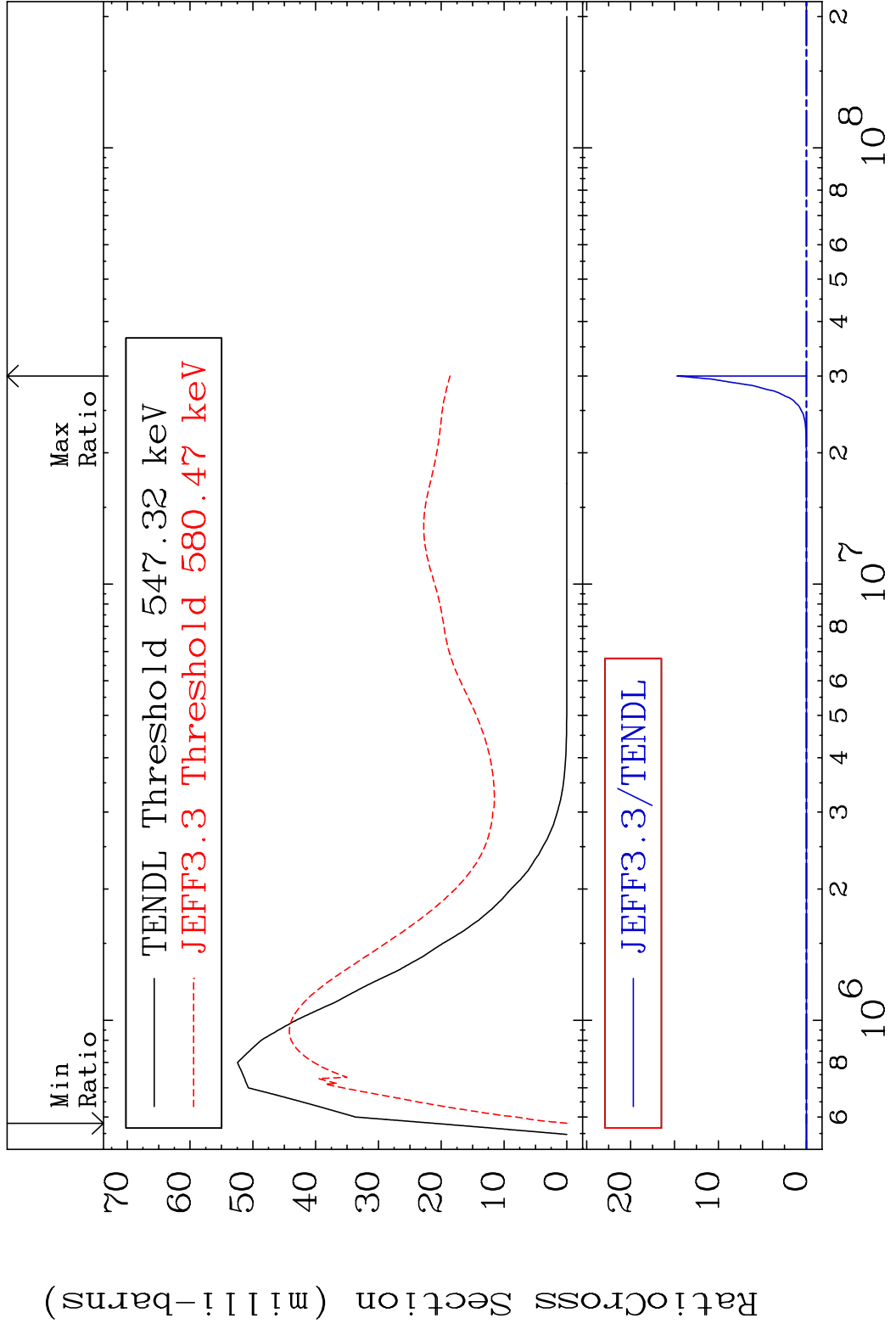


37 Incident Energy (eV) 92-U -237

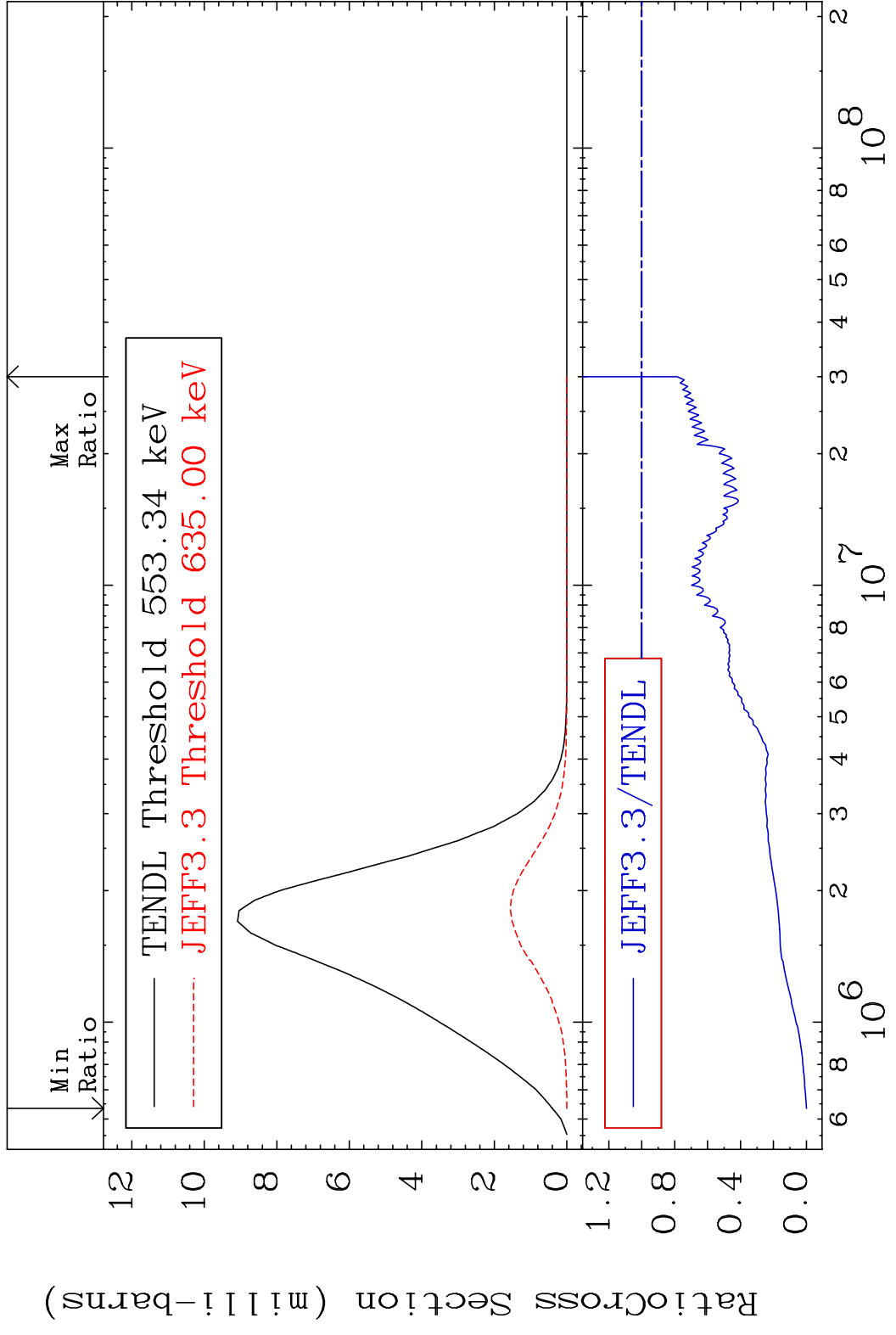
MAT 9234 MT= 74 (n, n') Level 92-U -237
 Cross Section -100.0 To 228.8 %



MAT 9234 MT= 75 (n,n') Level 92-U -237
 Cross Section -100.0 To 9999. %

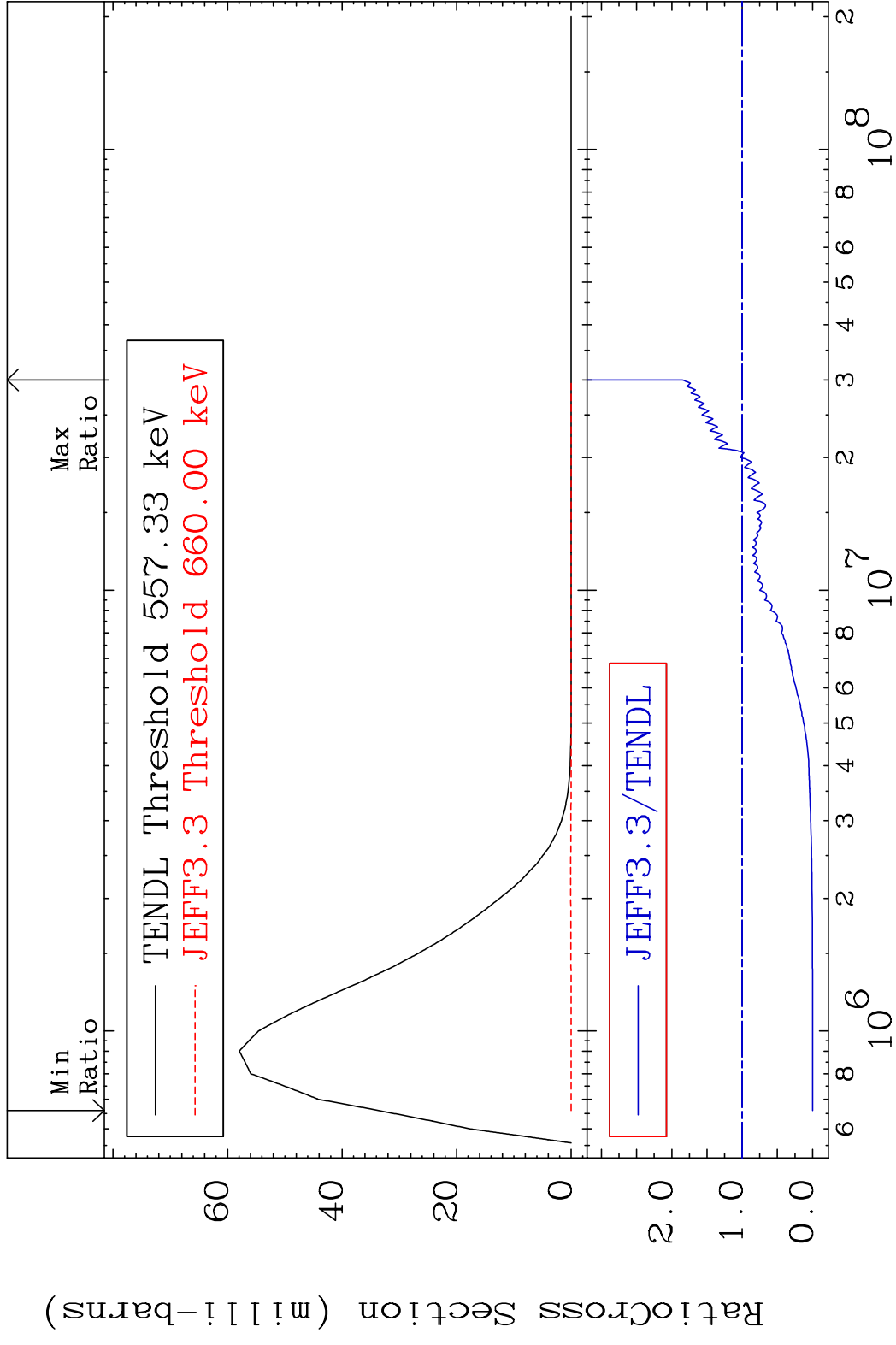


MAT 9234 MT= 76 (n, n') Level 92-U -237
 Cross Section -100.0 To -21.52%

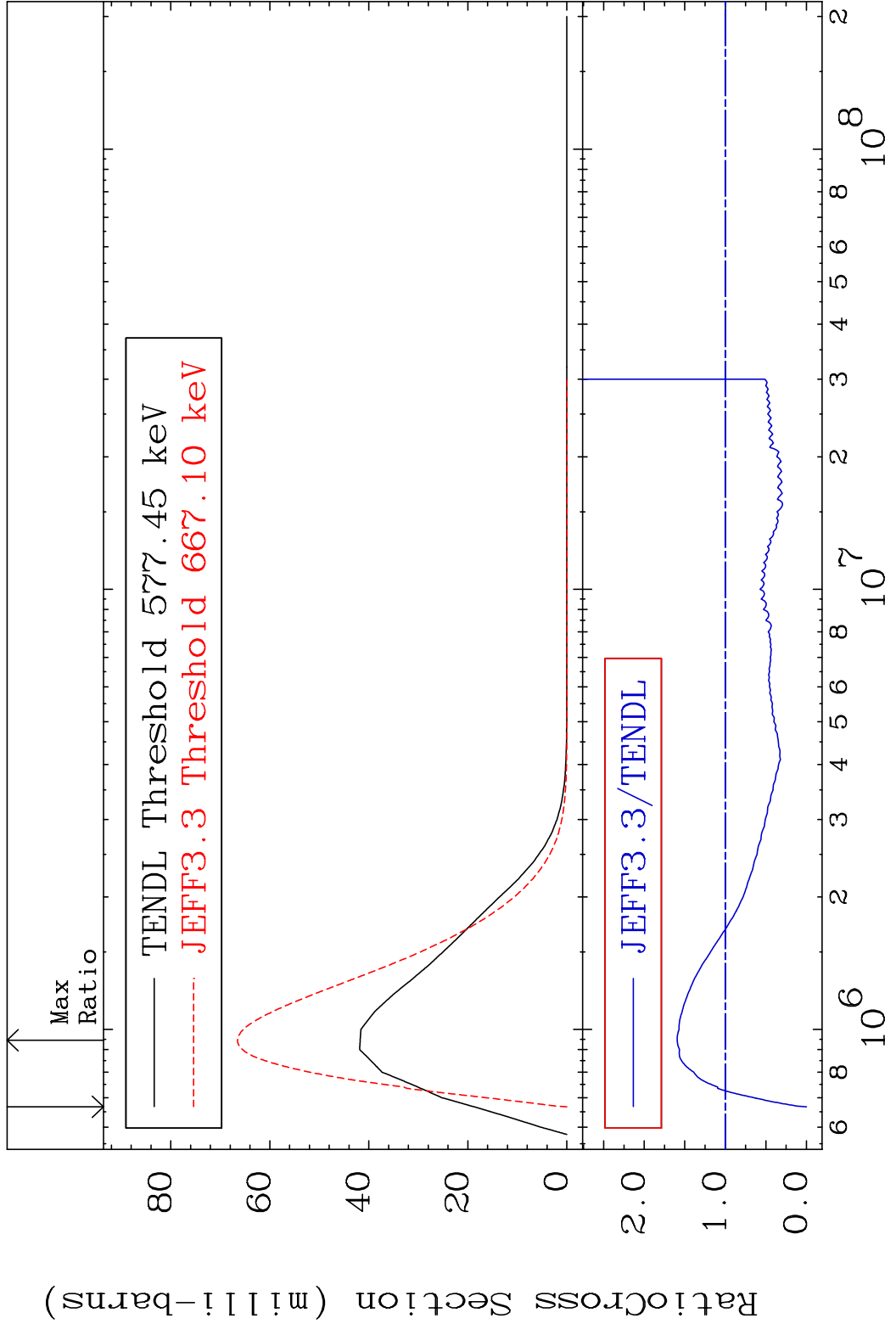


40 Incident Energy (eV) 92-U -237

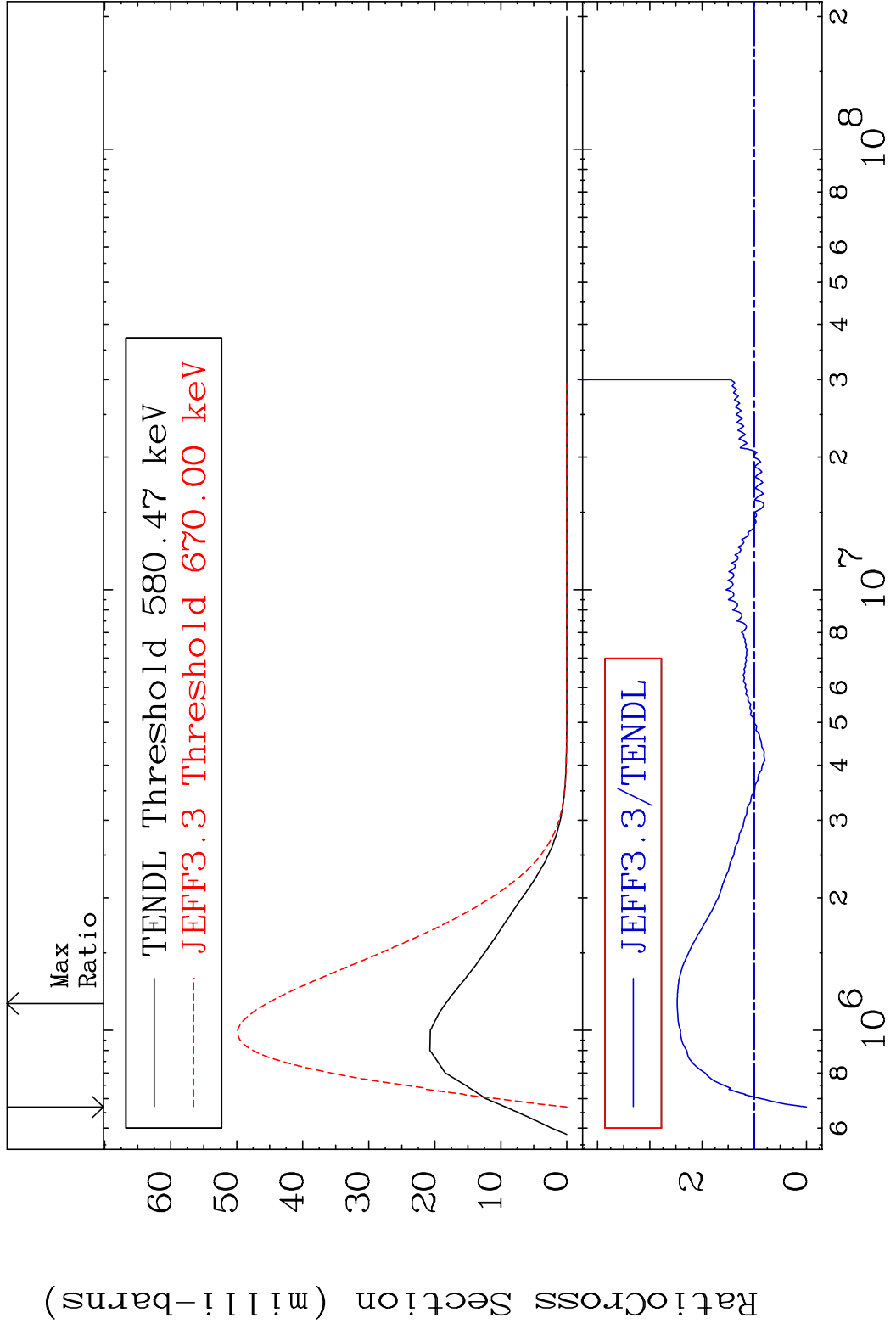
MAT 9234 MT= 77 (n, n') Level 92-U -237
 Cross Section -100.0 To 85.00 %



MAT 9234 MT= 78 (n, n') Level 92-U -237
 Cross Section -100.0 To 59.36 %



MAT 9234 MT= 79 (n,n') Level 92-U -237
 Cross Section -100.0 To 147.5 %

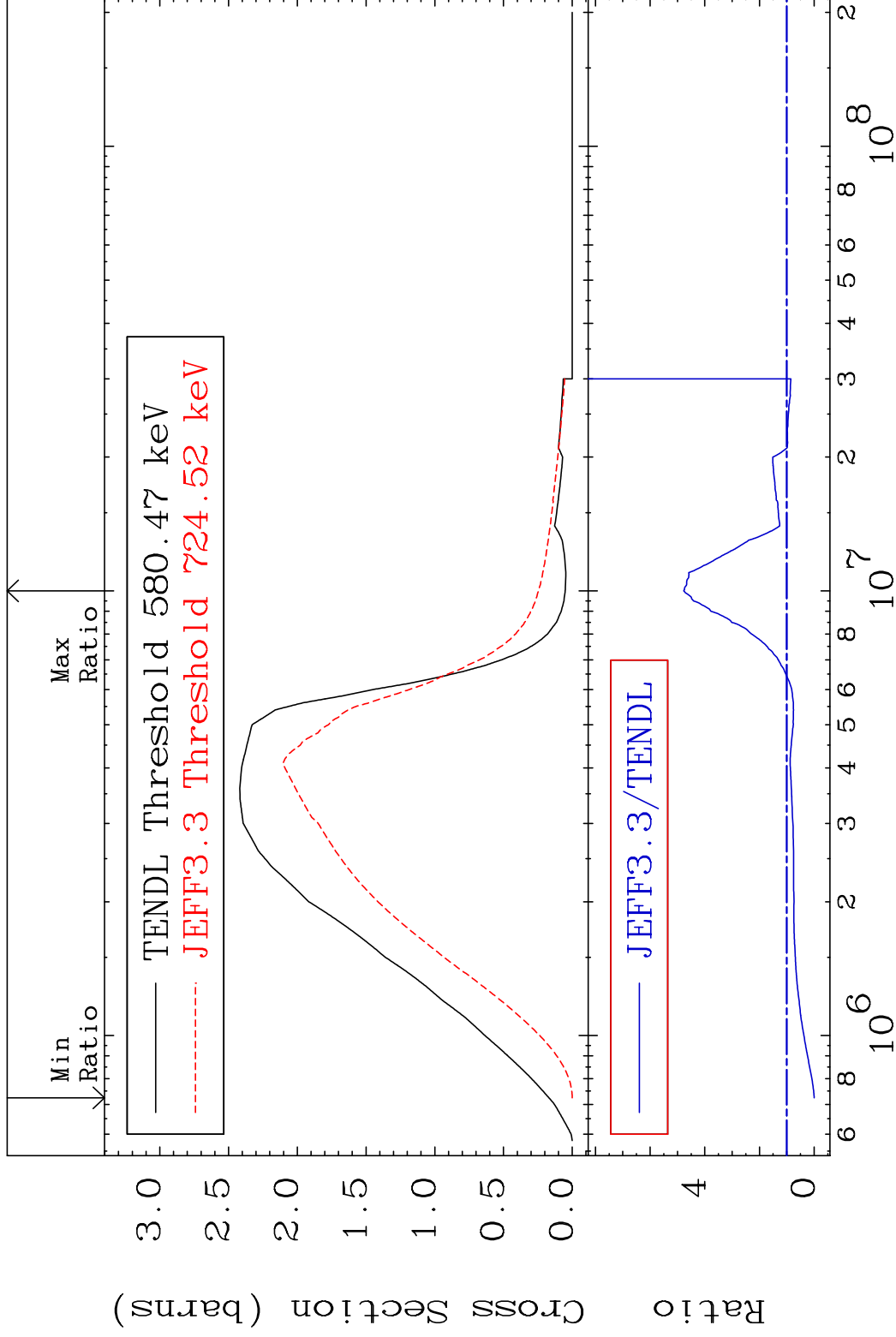


MAT 9234

(n, n') Continuum

92-U -237

Cross Section -100.0 To 377.3 %



44

Incident Energy (eV)

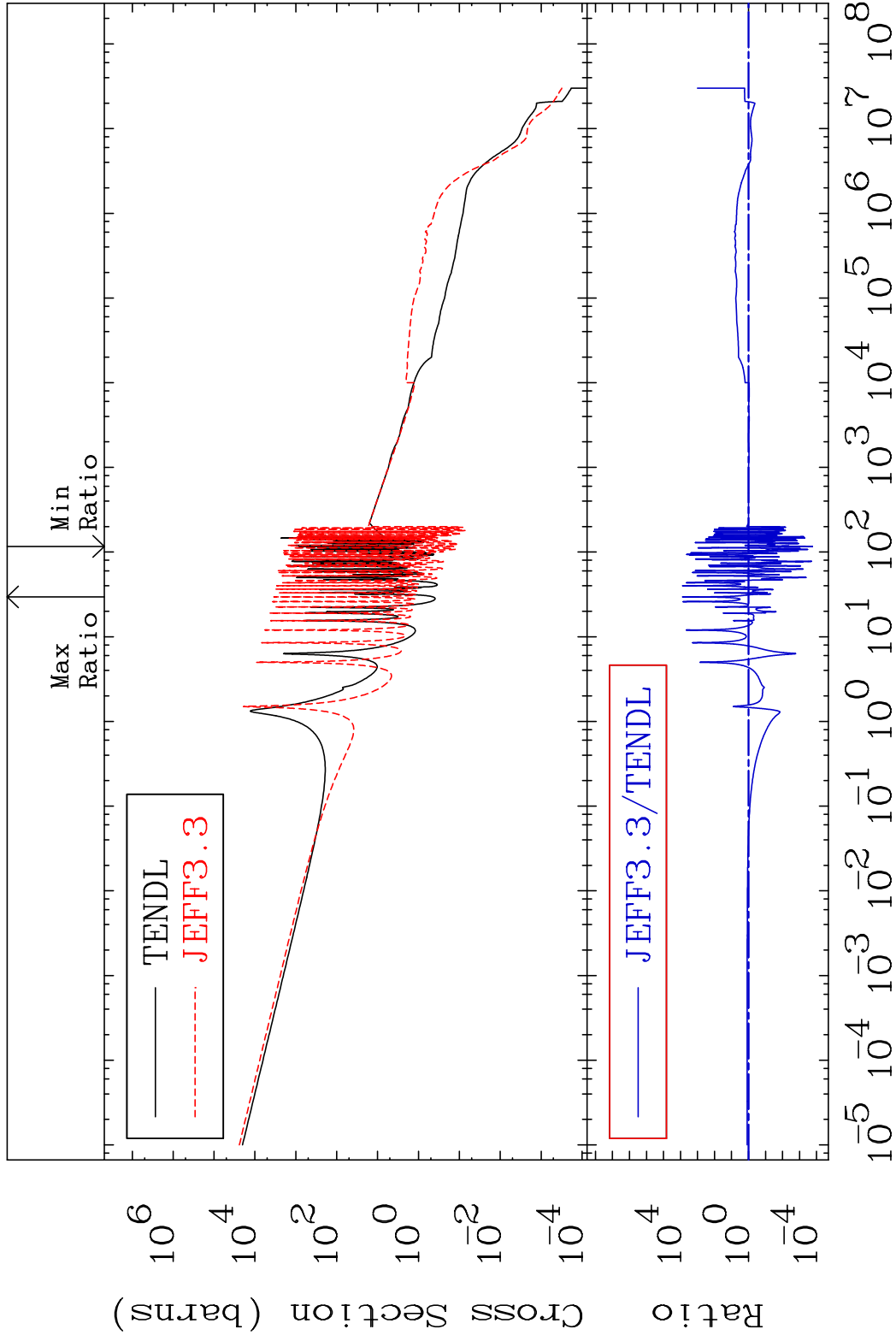
92-U -237

MAT 9234

(n, γ)

92-U -237

Cross Section -99.98 To 9999. %



45

Incident Energy (eV)

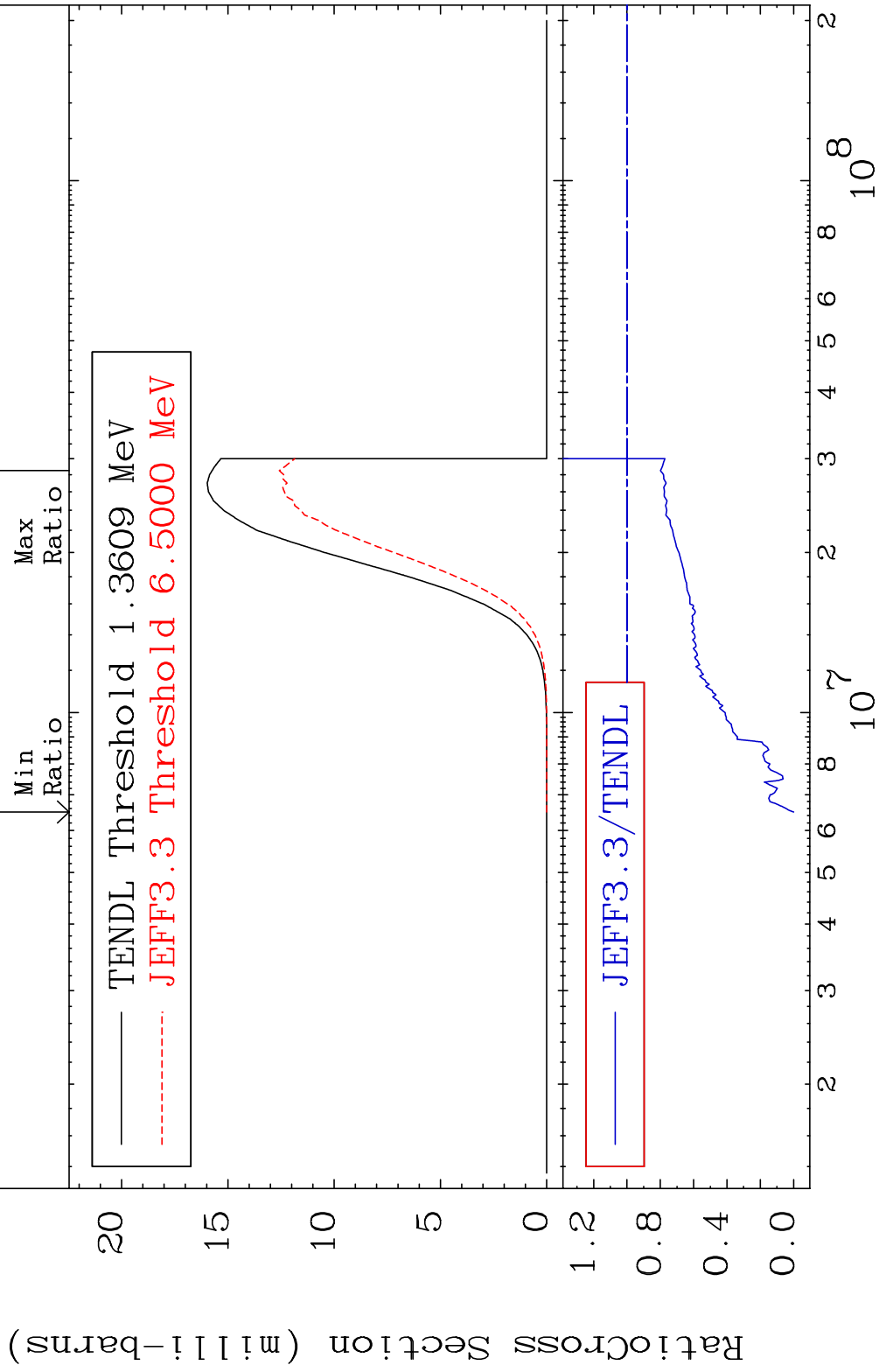
92-U -237

MAT 9234

(n,p)

92-U -237

Cross Section -100.0 To -20.08%



46

Incident Energy (eV)

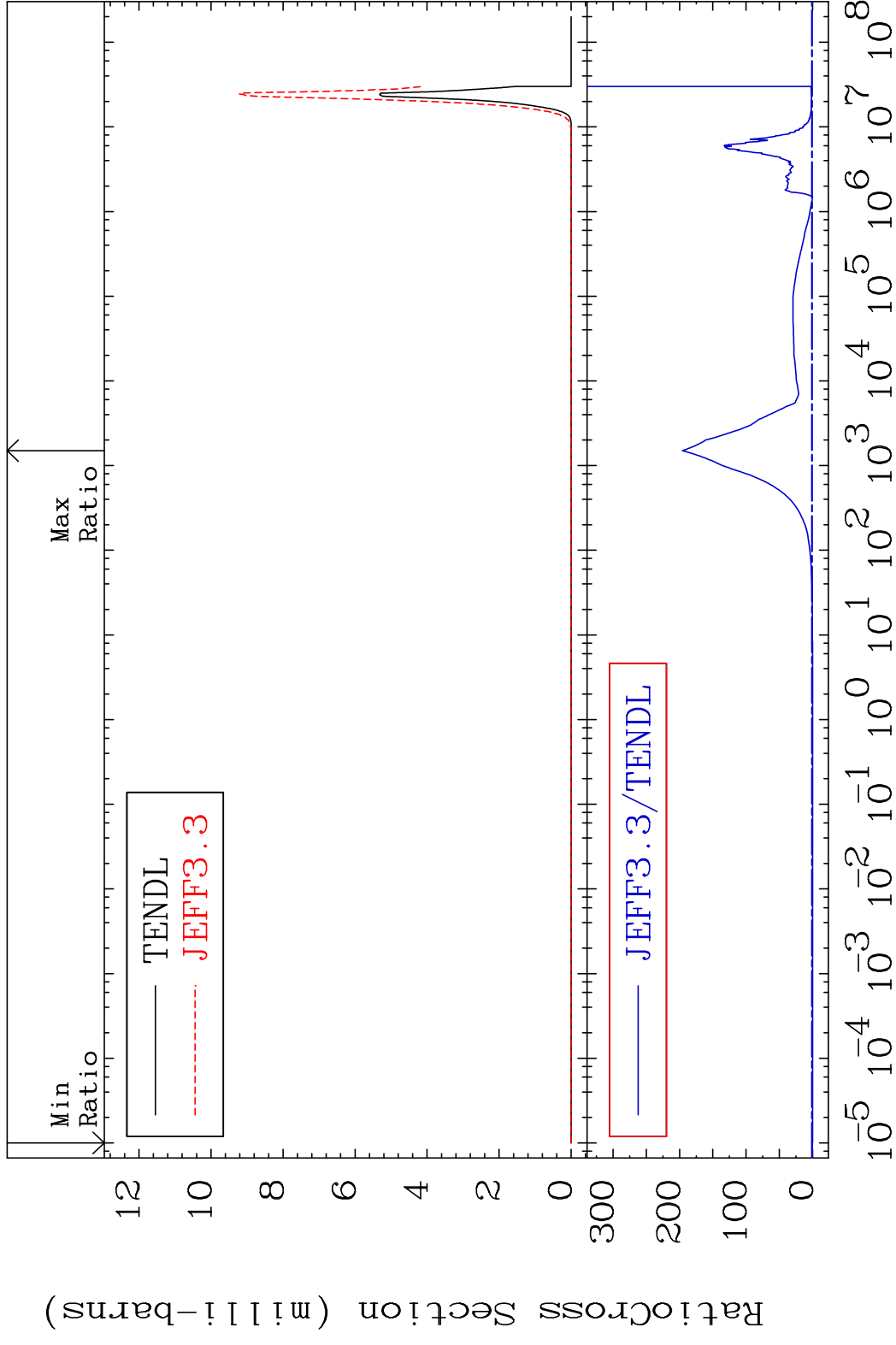
92-U -237

MAT 9234

92-U -237

(n, α)

Cross Section -100.0 To 9999. %



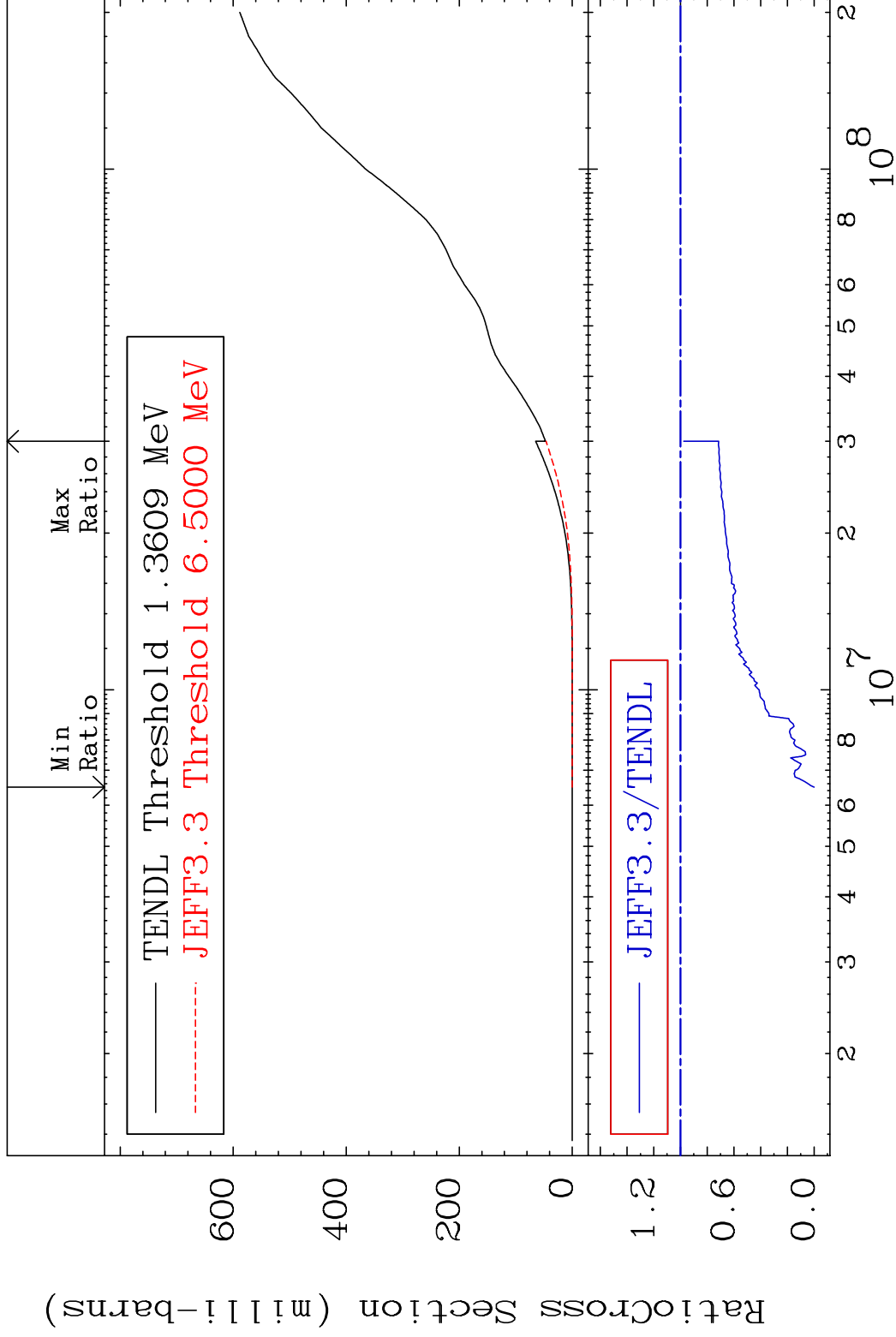
47

Incident Energy (eV)

92-U -237

MAT 9234

Hydrogen Production 92-U -237
Cross Section -100.0 To -2.373%



48

Incident Energy (eV)

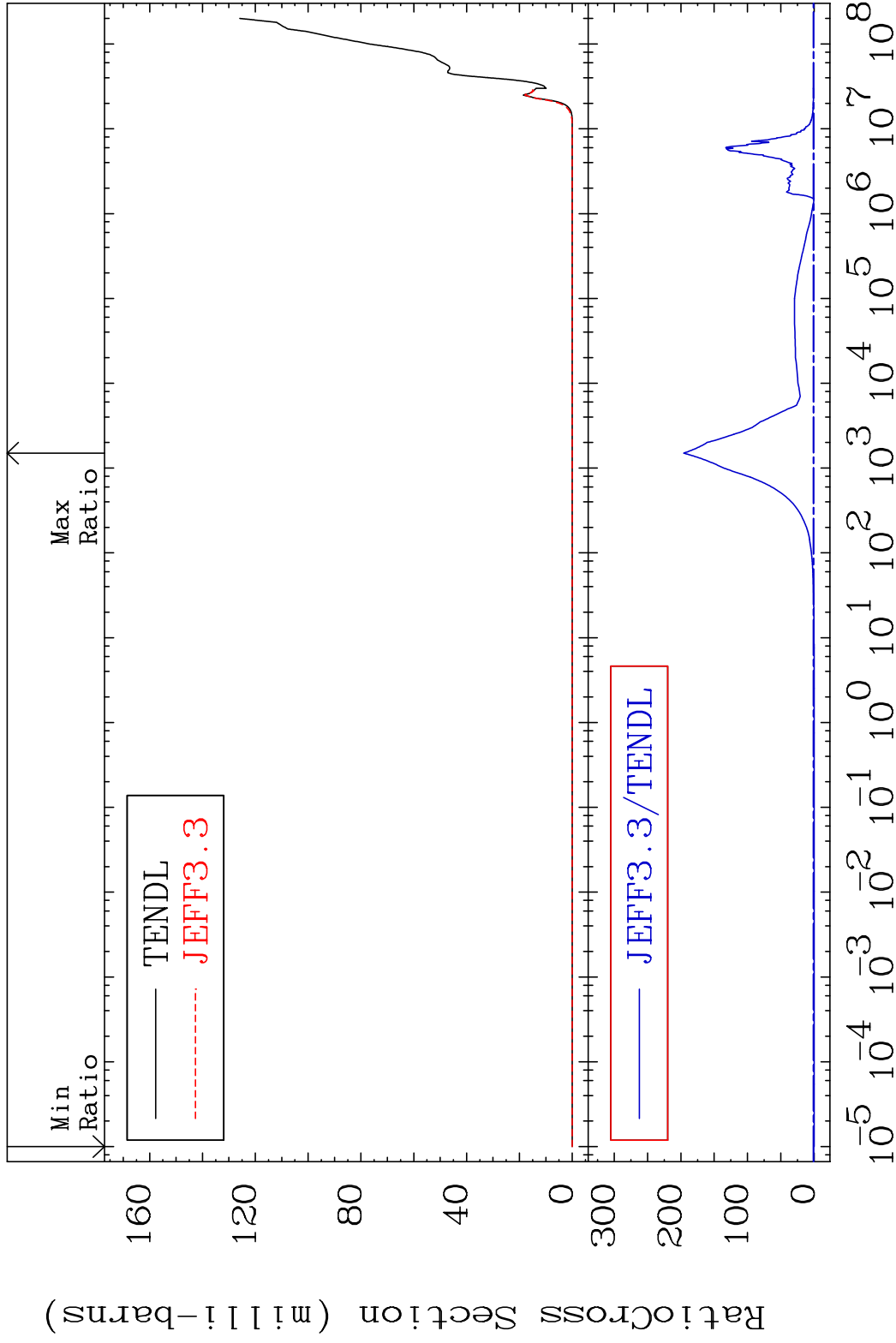
92-U -237

MAT 9234

He-4 Production

92-U -237

Cross Section -100.0 To 9999. %

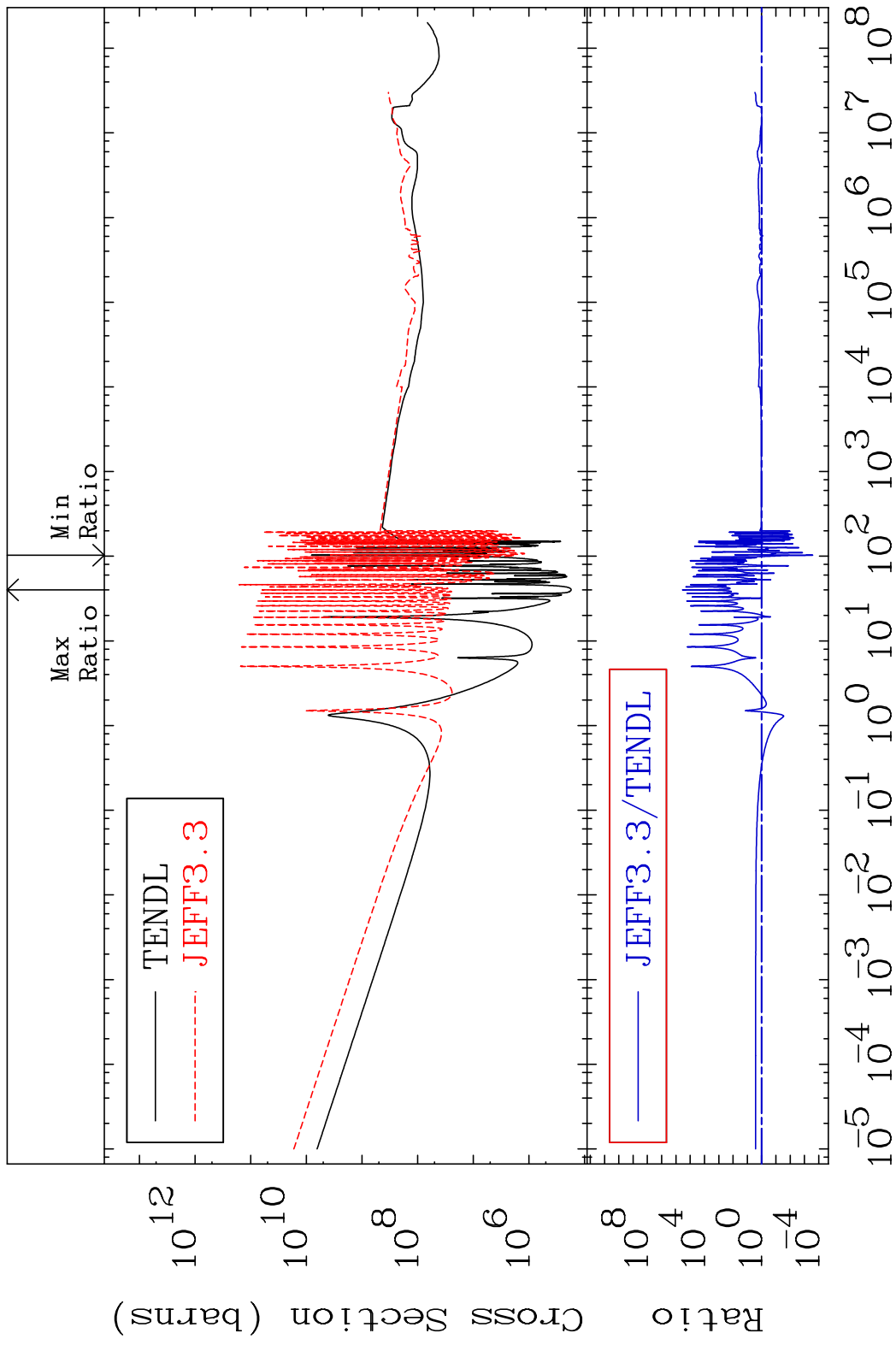


49

Incident Energy (eV)

92-U -237

MAT 9234 Kerma total (eV-barns) 92-U -237
 Cross Section -99.97 To 9999. %

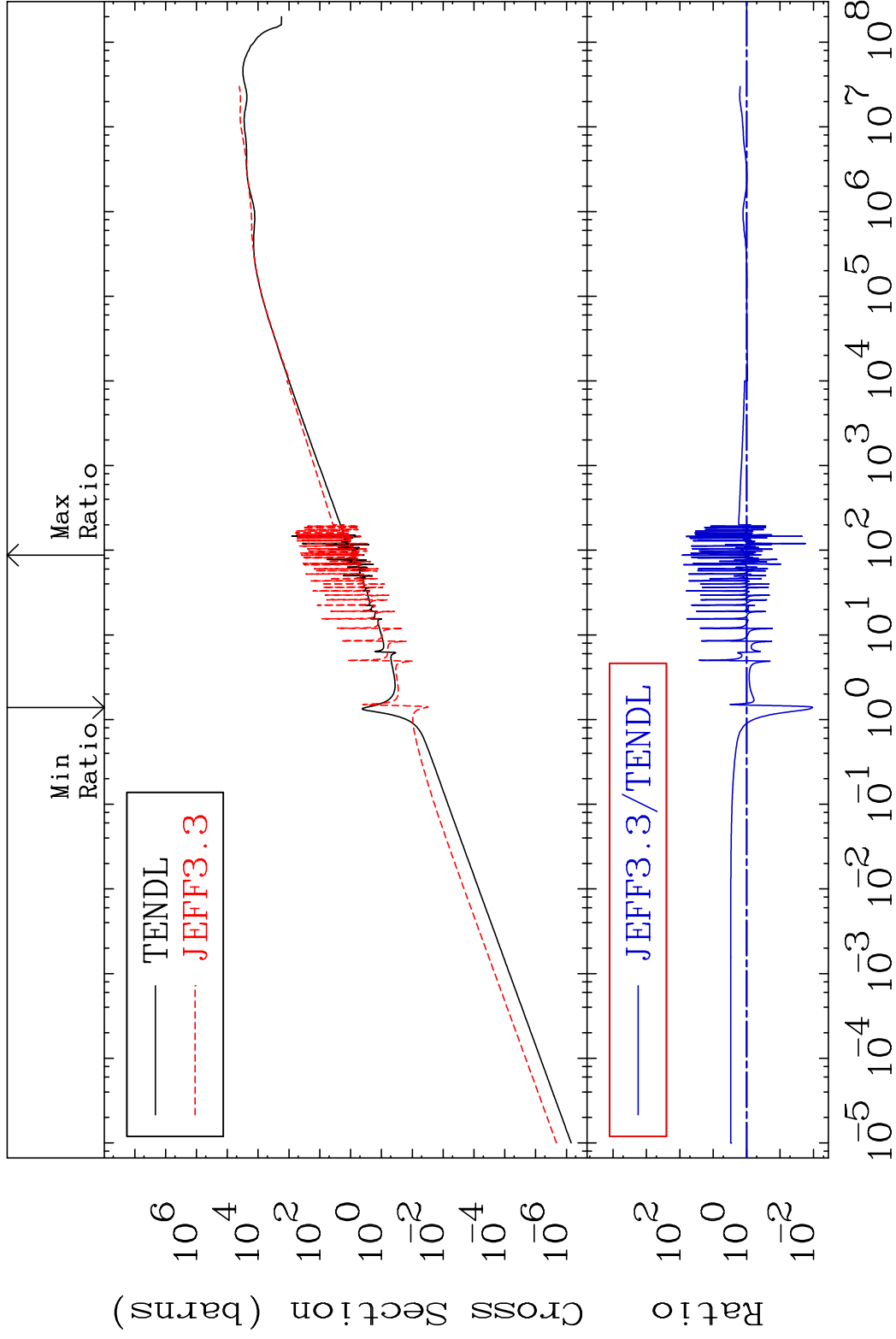


50 Incident Energy (eV) 92-U -237

MAT 9234

Kerma elastic Cross Section -98.94 To 8301. %

92-U -237

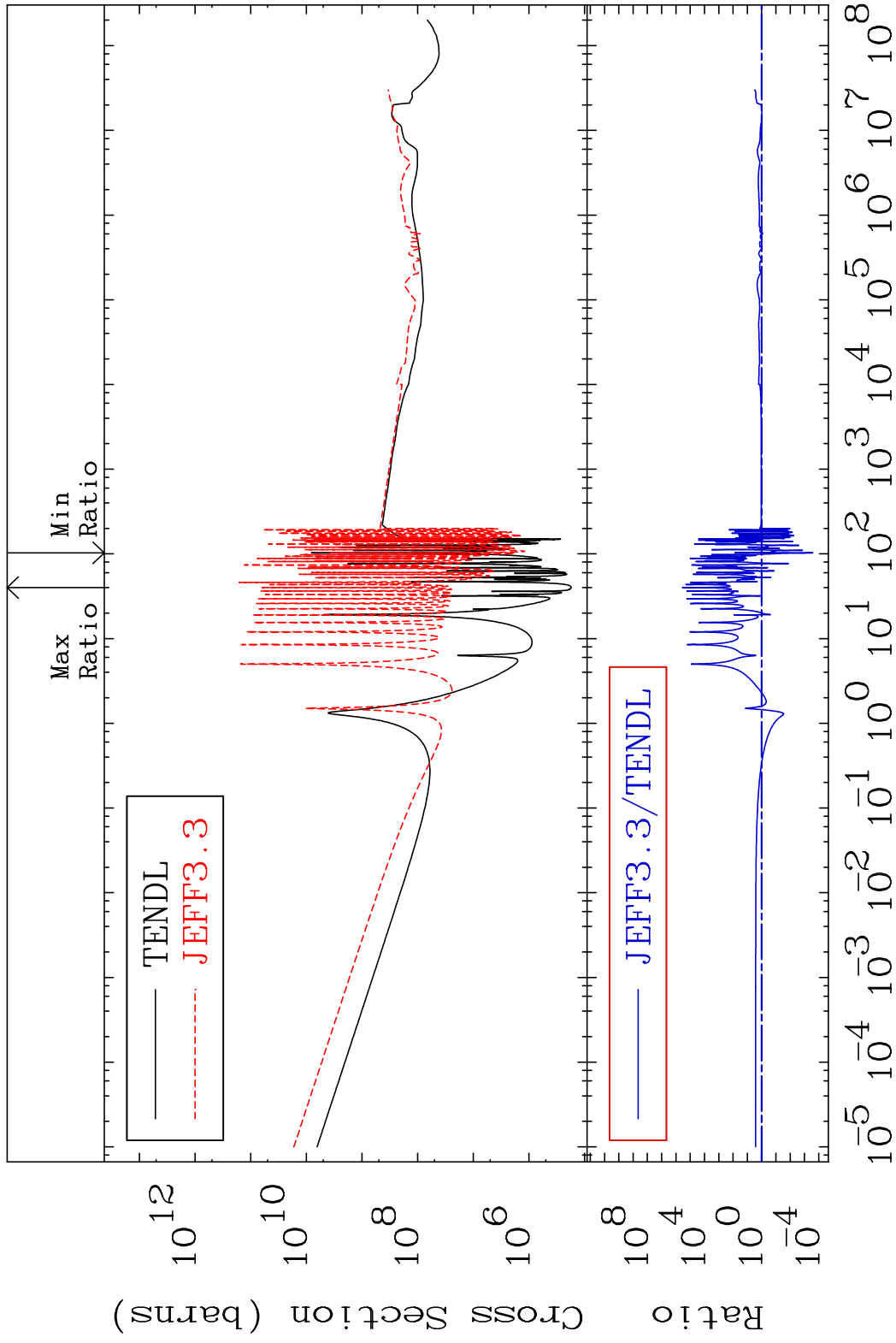


51

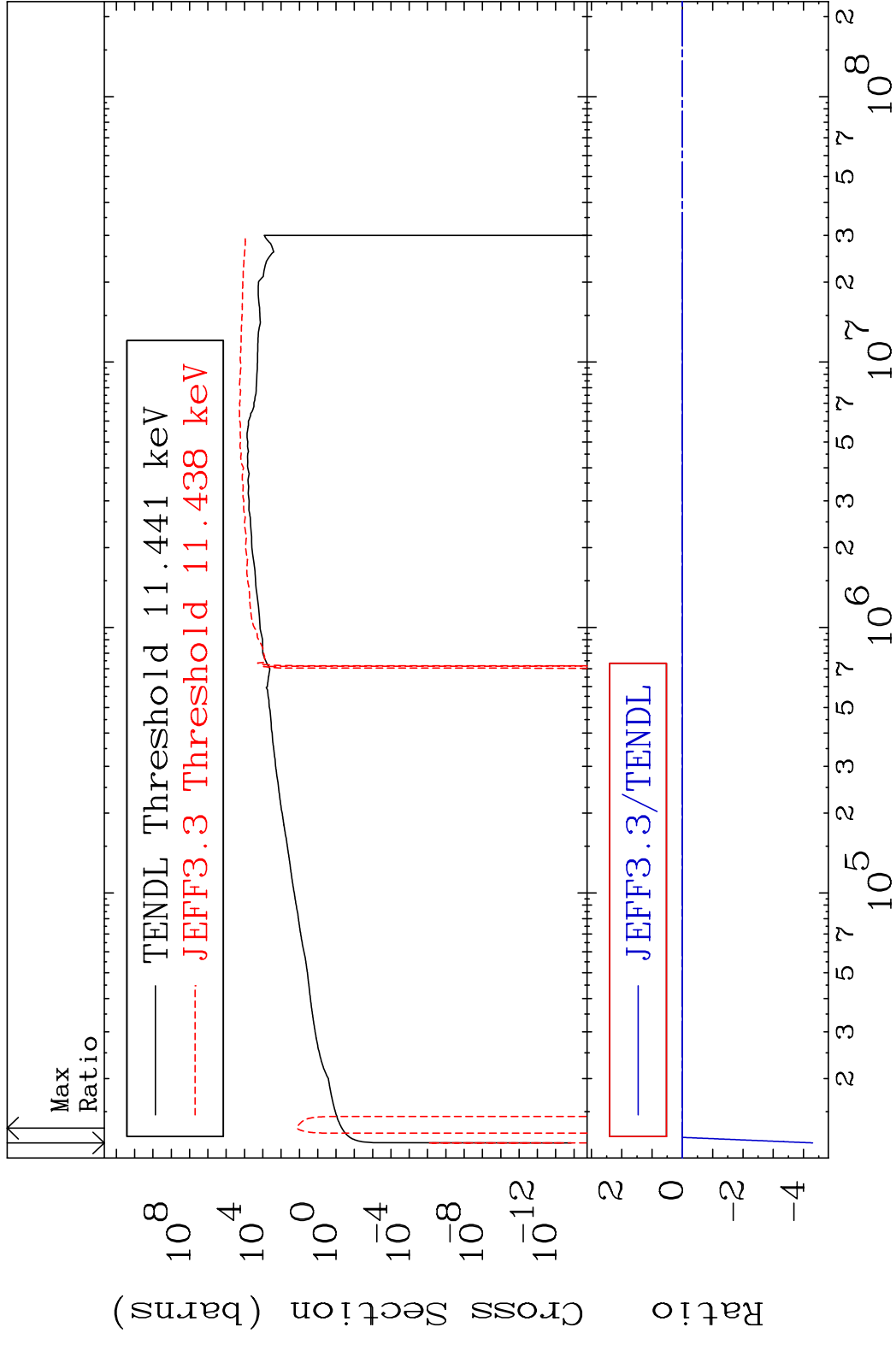
Incident Energy (eV)

92-U -237

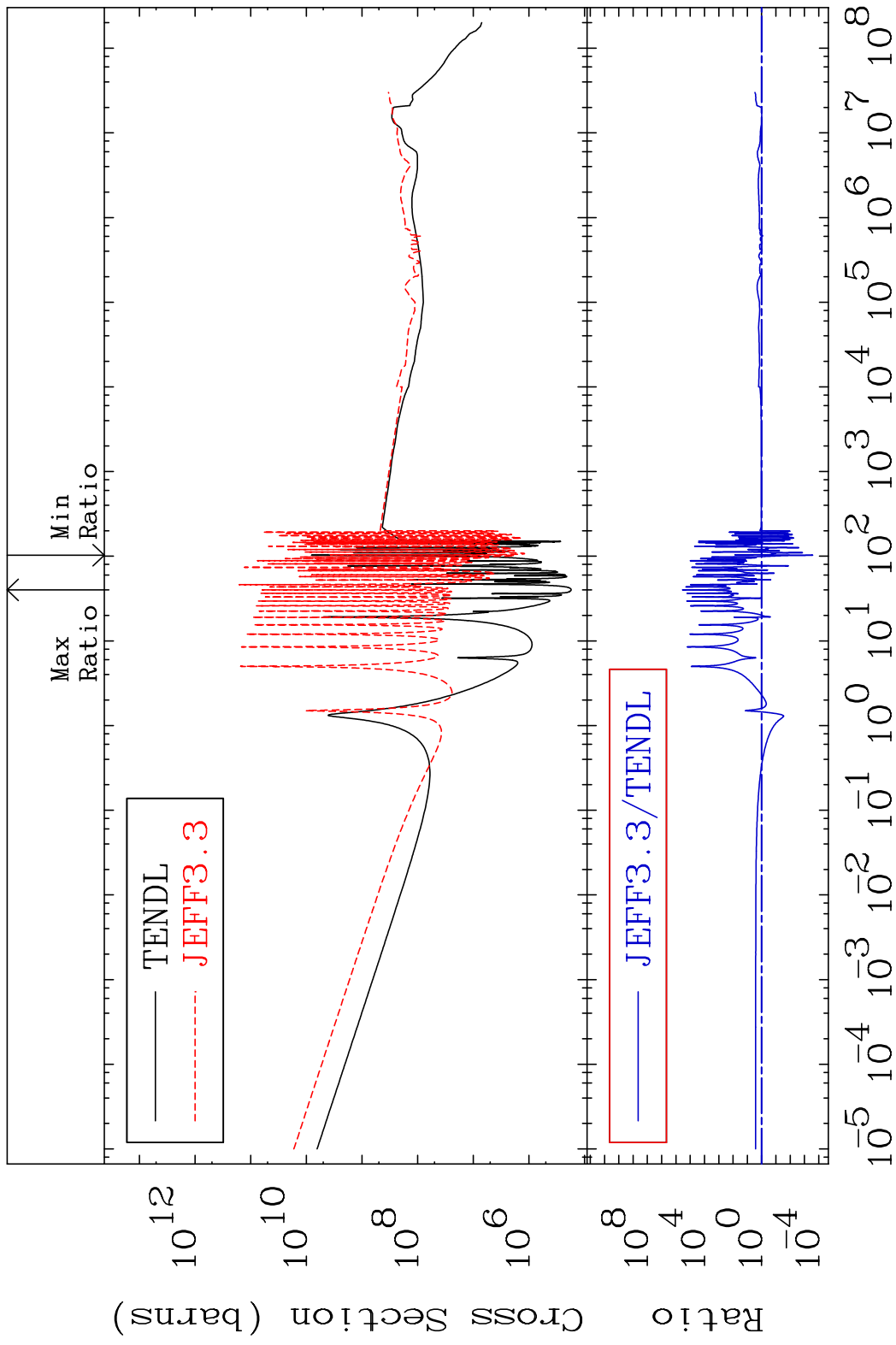
MAT 9234 Kerma non-elastic (all but mt2) 92-U -237
 Cross Section -99.97 To 9999. %



MAT 9234 Kerma inelastic (mt51-91) 92-U -237
 Cross Section -9999. To 9999. %

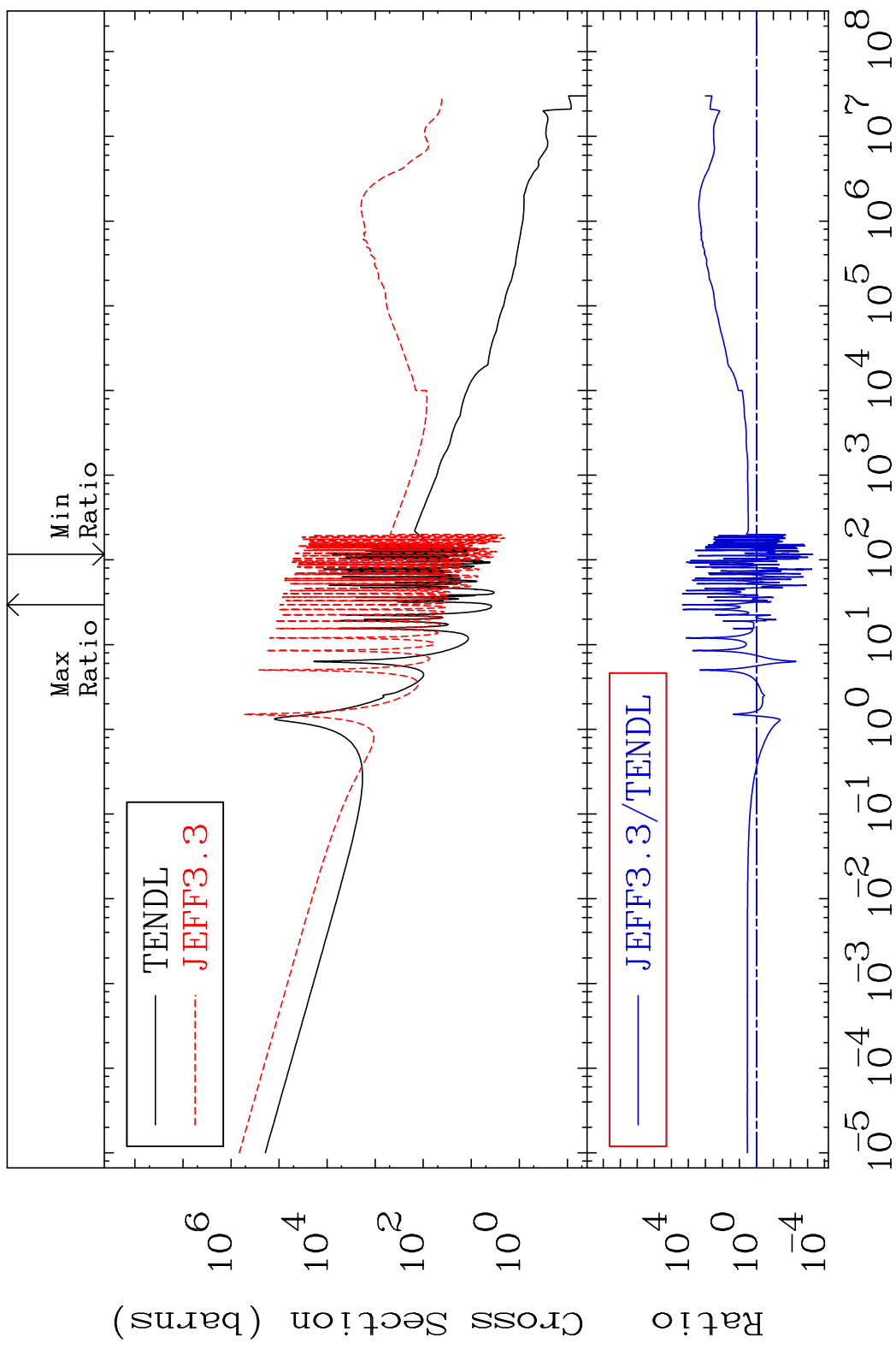


MAT 9234 Kerma fission (mt18 or mt19-20-21-38)2-U -237
 Cross Section -99.97 To 9999. %



MAT 9234

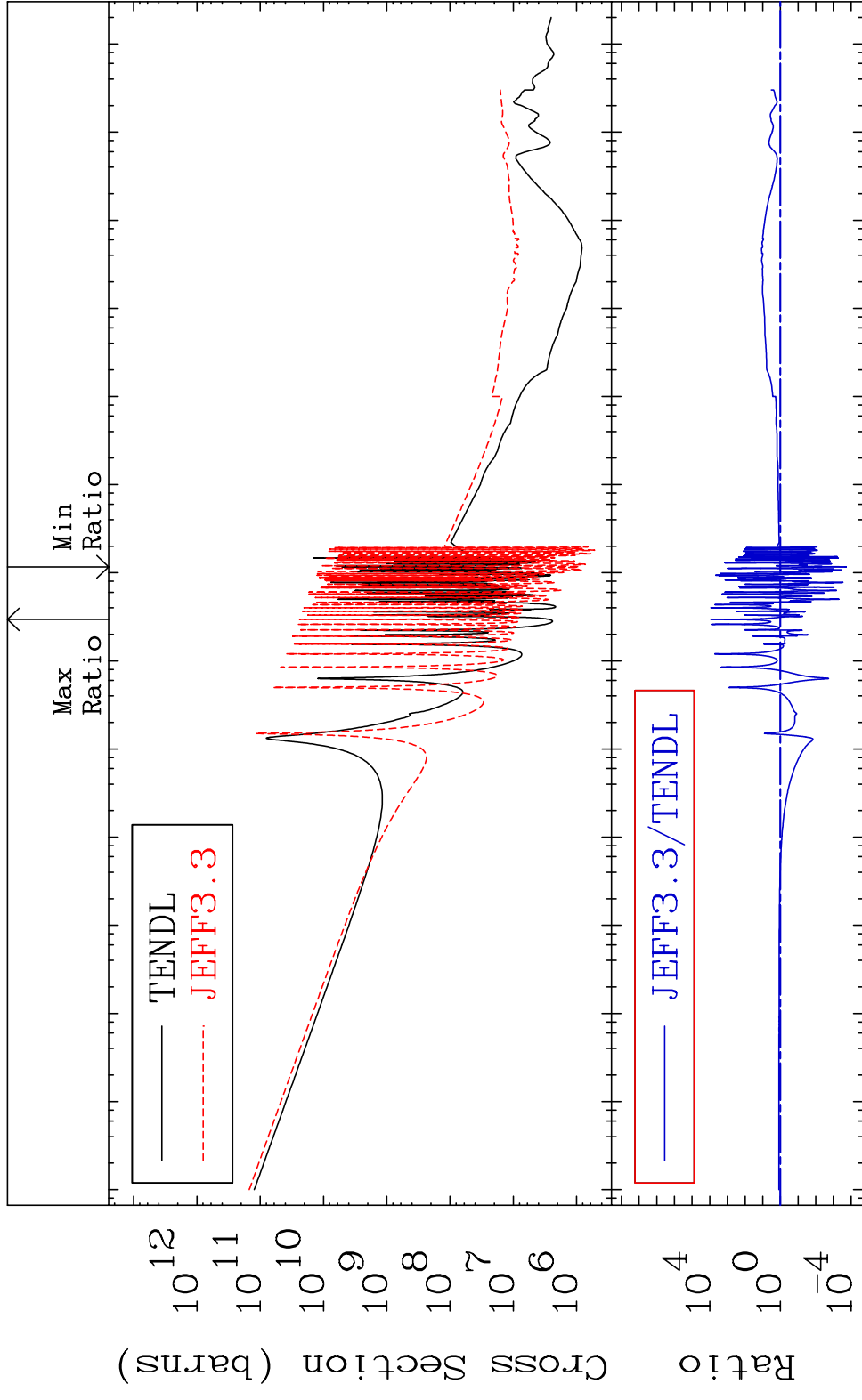
Kerma capture (mt102) 92-U -237
Cross Section -99.95 To 9999. %



55

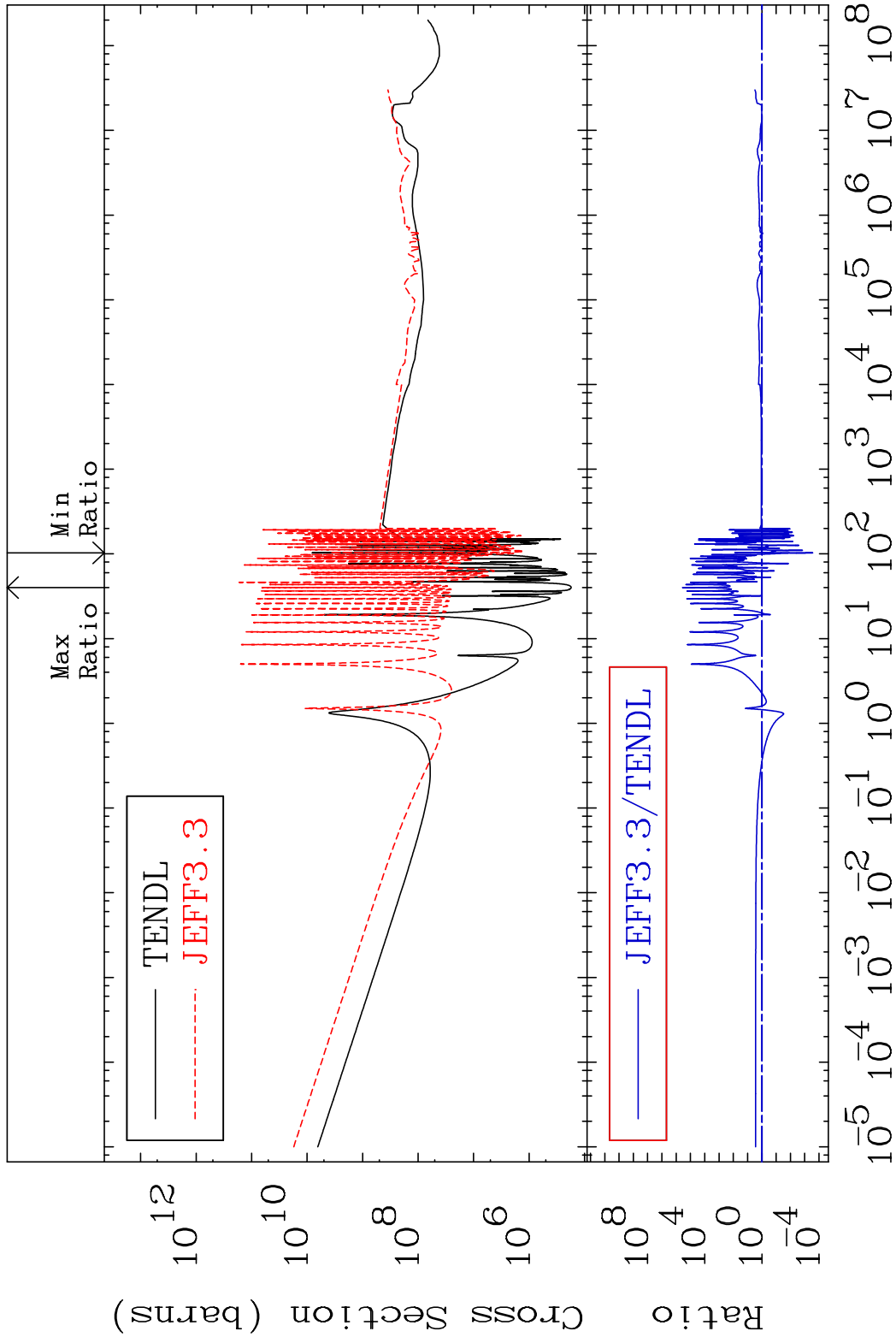
Incident Energy (eV) 92-U -237

MAT 9234 Total photon (eV-barns) 92-U -237
 Cross Section -99.98 To 9999. %



56 Incident Energy (eV) 92-U -237

MAT 9234 Total kinematic kerma (high limit) 92-U -237
 Cross Section -99.97 To 9999. %



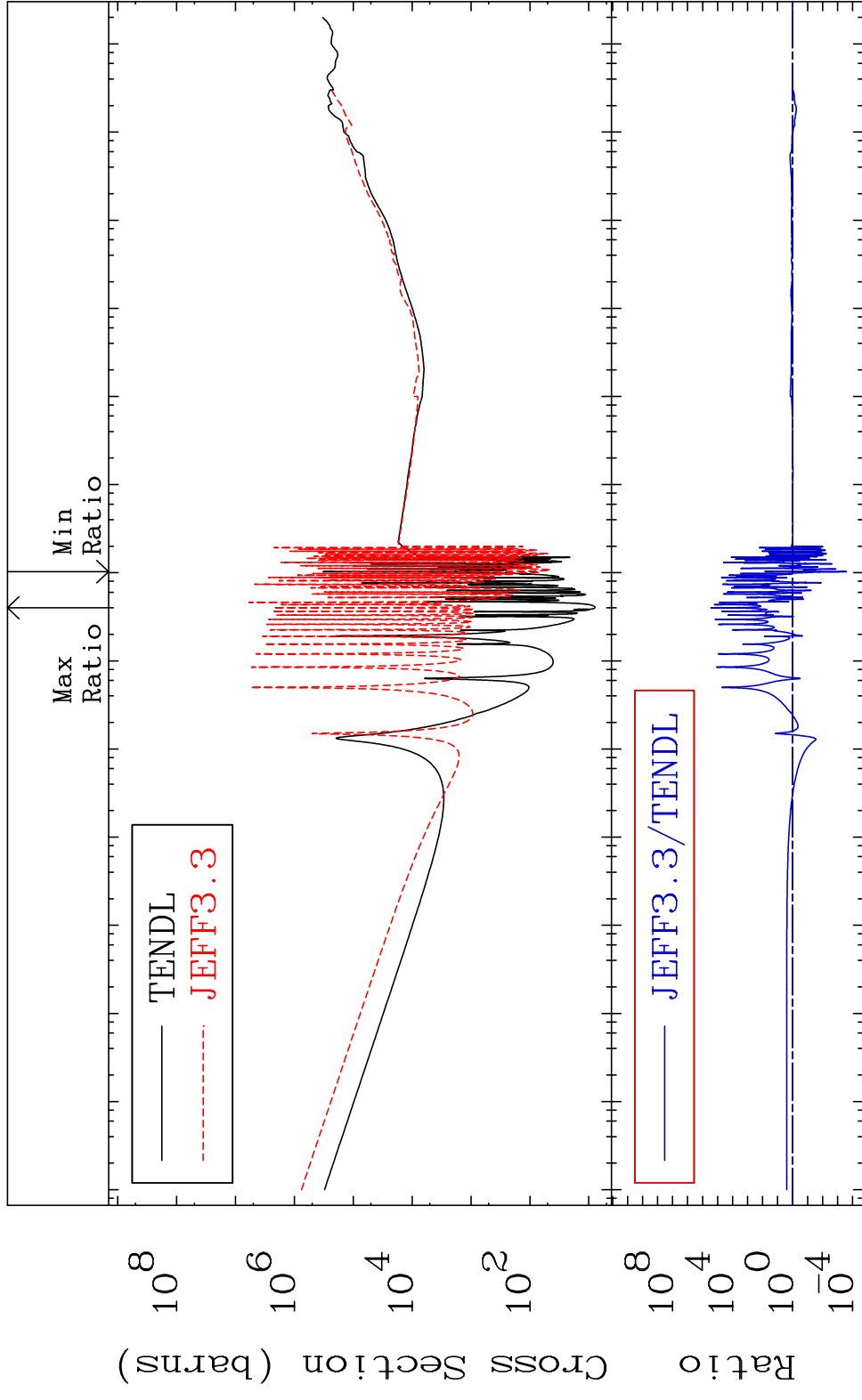
57 Incident Energy (eV) 92-U -237

MAT 9234

Dpa total (eV-barns)

92-U -237

Cross Section -99.97 To 9999. %

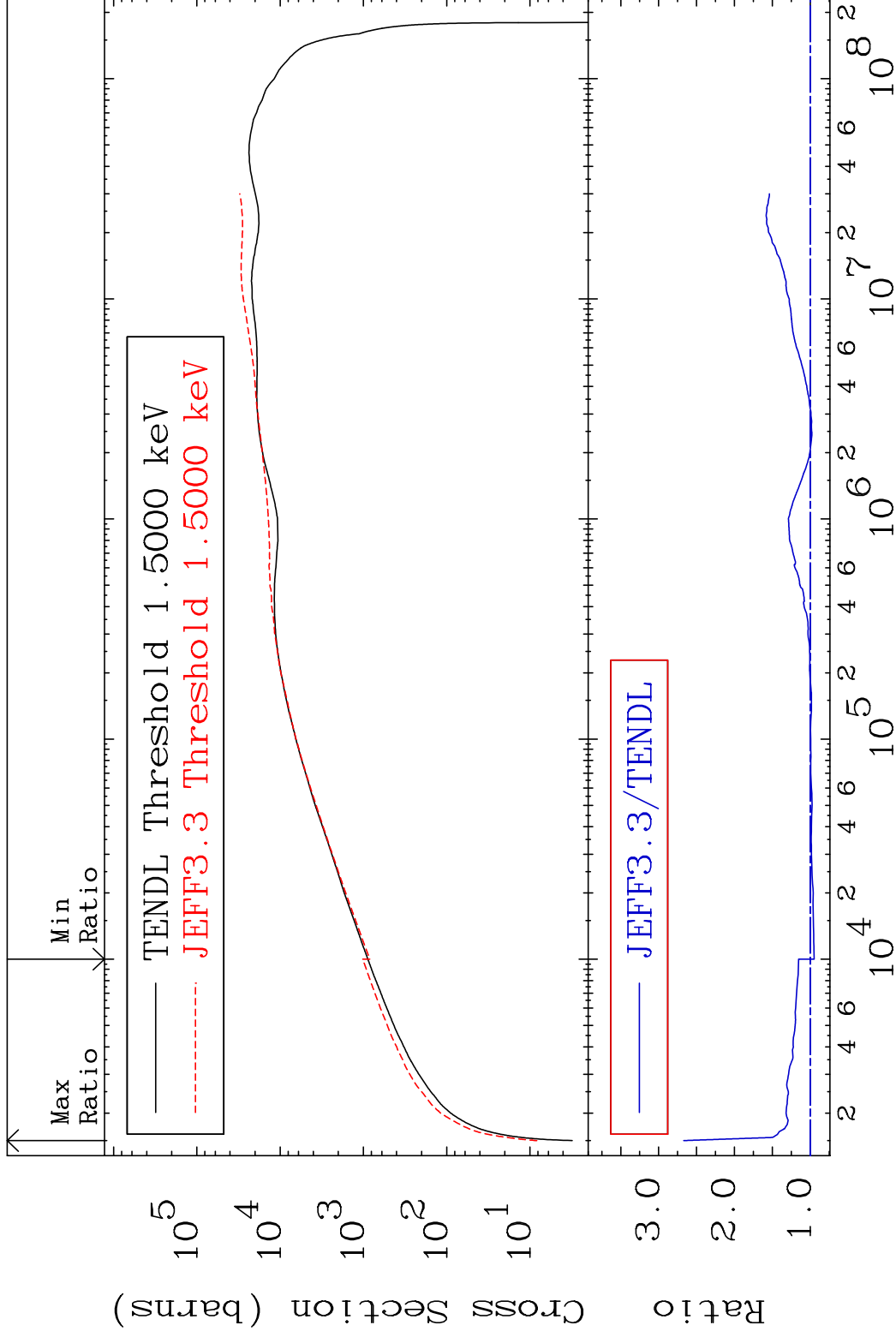


MAT 9234

Dpa elastic (mt2)

92-U -237

Cross Section -5.156 To 167.0 %

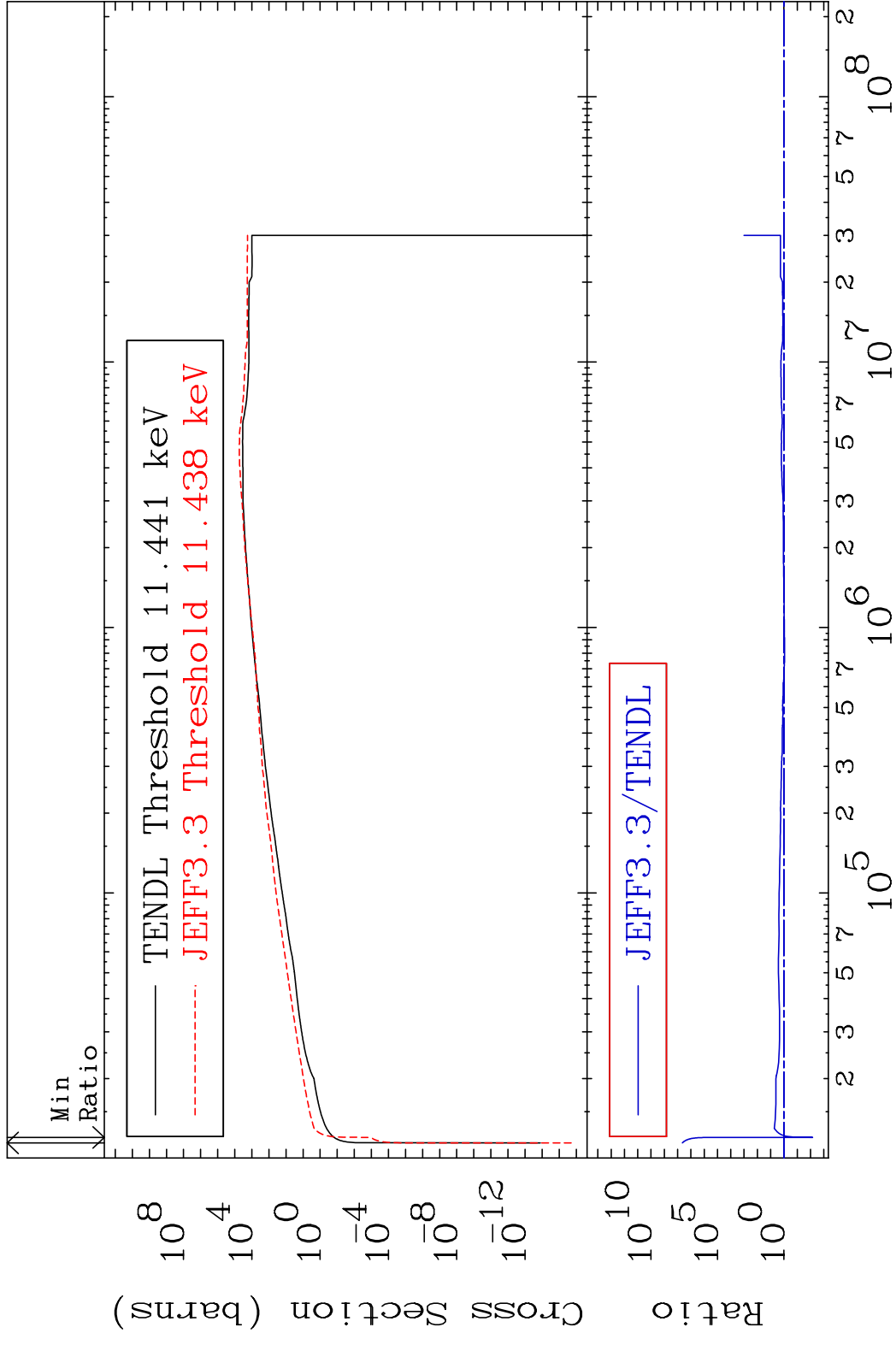


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Incident Energy (eV)

92-U -237

MAT 9234 Dpa inelastic (mt51-91) 92-U -237
 Cross Section -99.30 To 9999. %



MAT 9234 Dpa disappearance (mt102 -120) 92-U -237
 Cross Section -99.96 To 9999. %

