

Program Complot
(Version 2021-1)

by

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U.S.A.

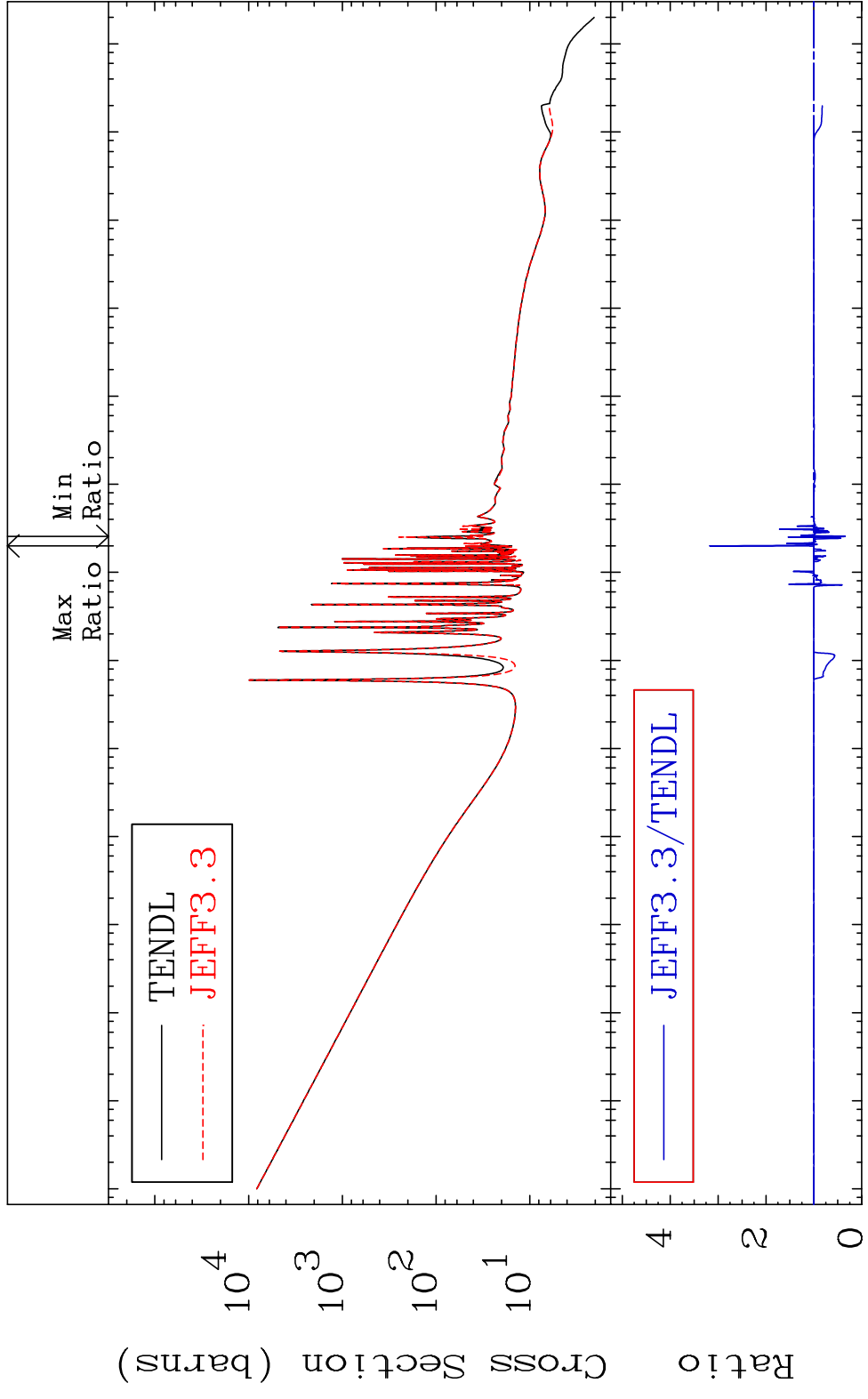
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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9219

Total Cross Section -65.53 To 217.2 %
92-U -232



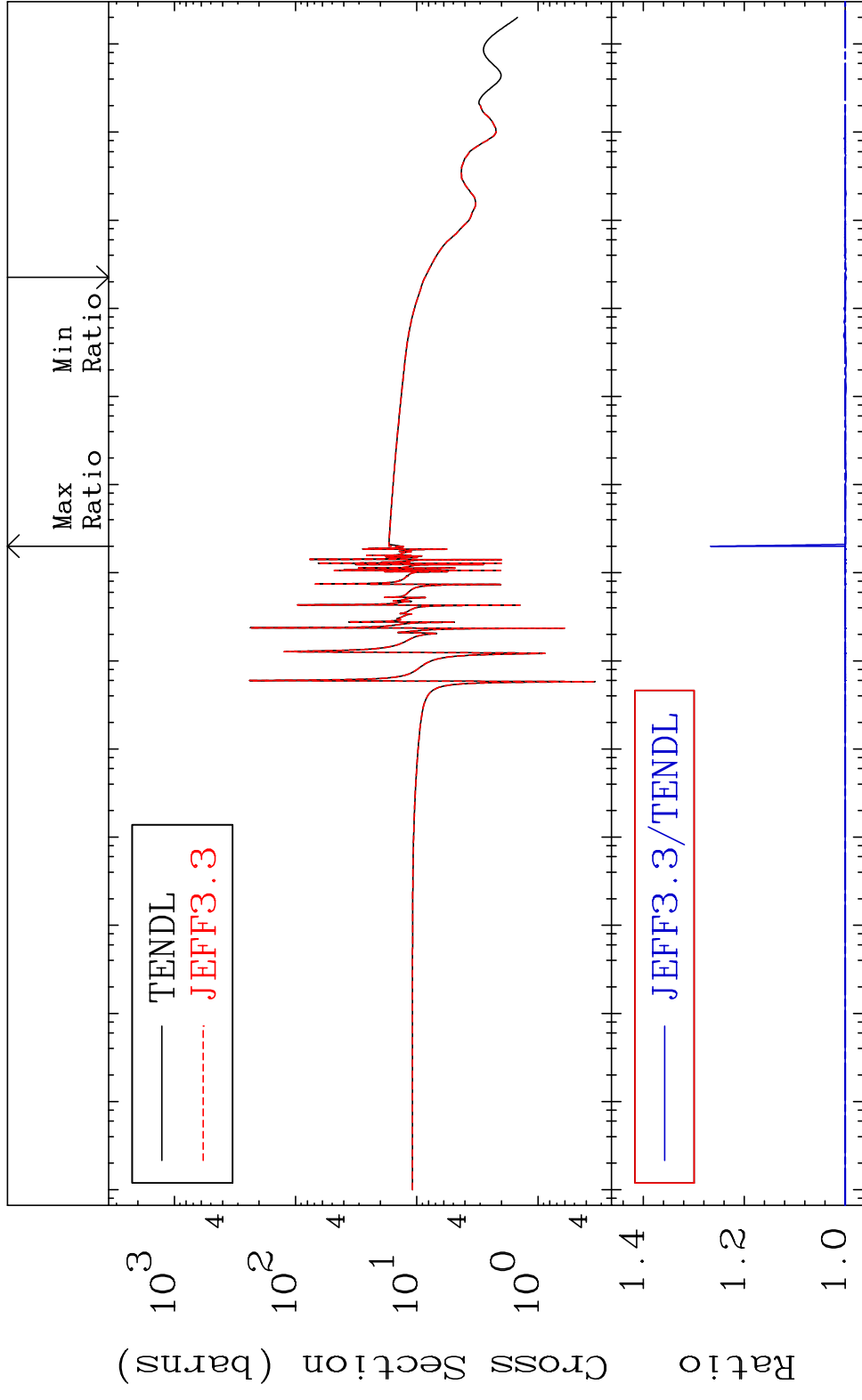
1 Incident Energy (eV) 92-U -232

MAT 9219

Elastic

92-U -232

Cross Section -0.203 To 26.65 %



2

Incident Energy (eV)

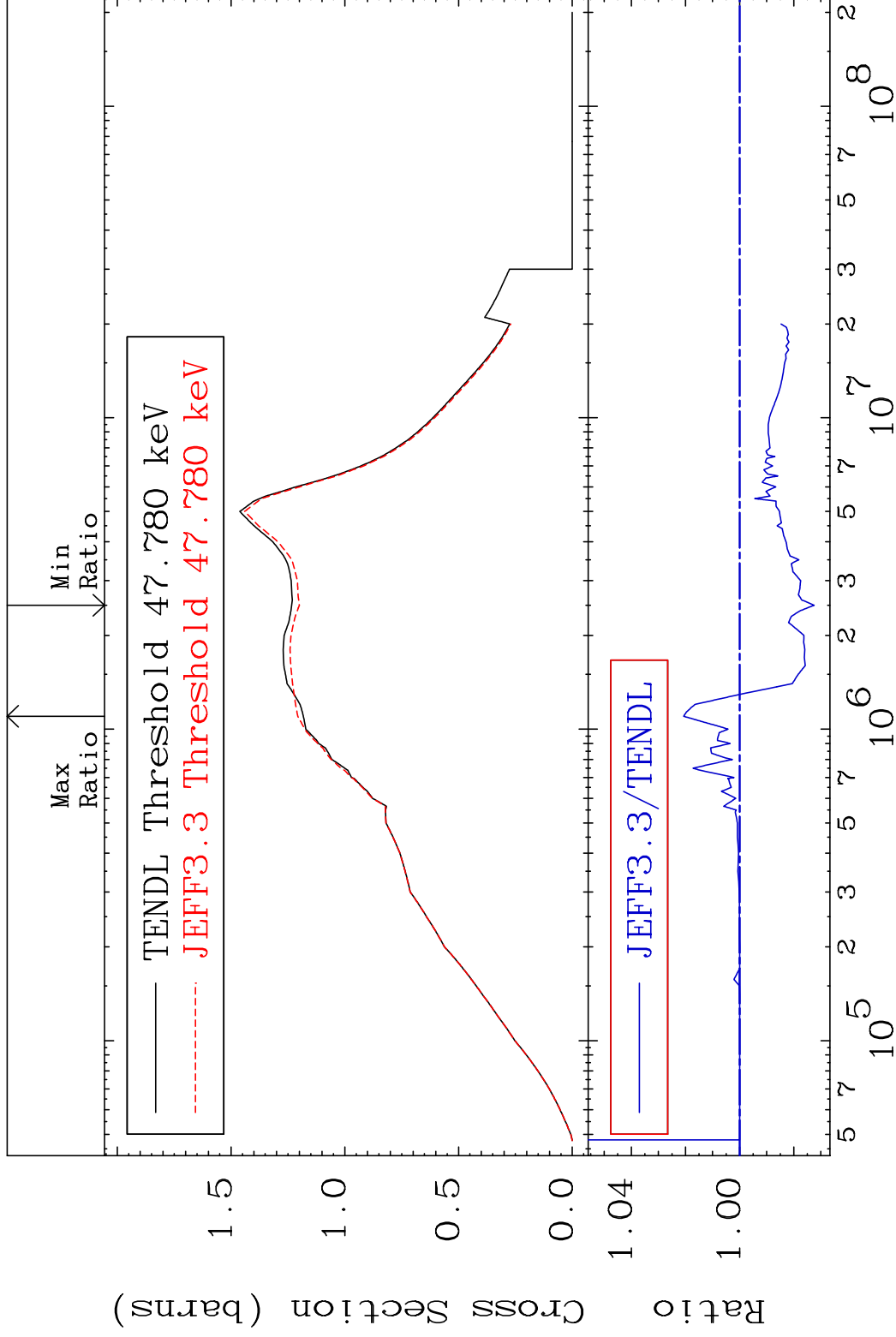
92-U -232

MAT 9219

Inelastic

92-U -232

Cross Section -2.749 To 2.067 %



3

Incident Energy (eV)

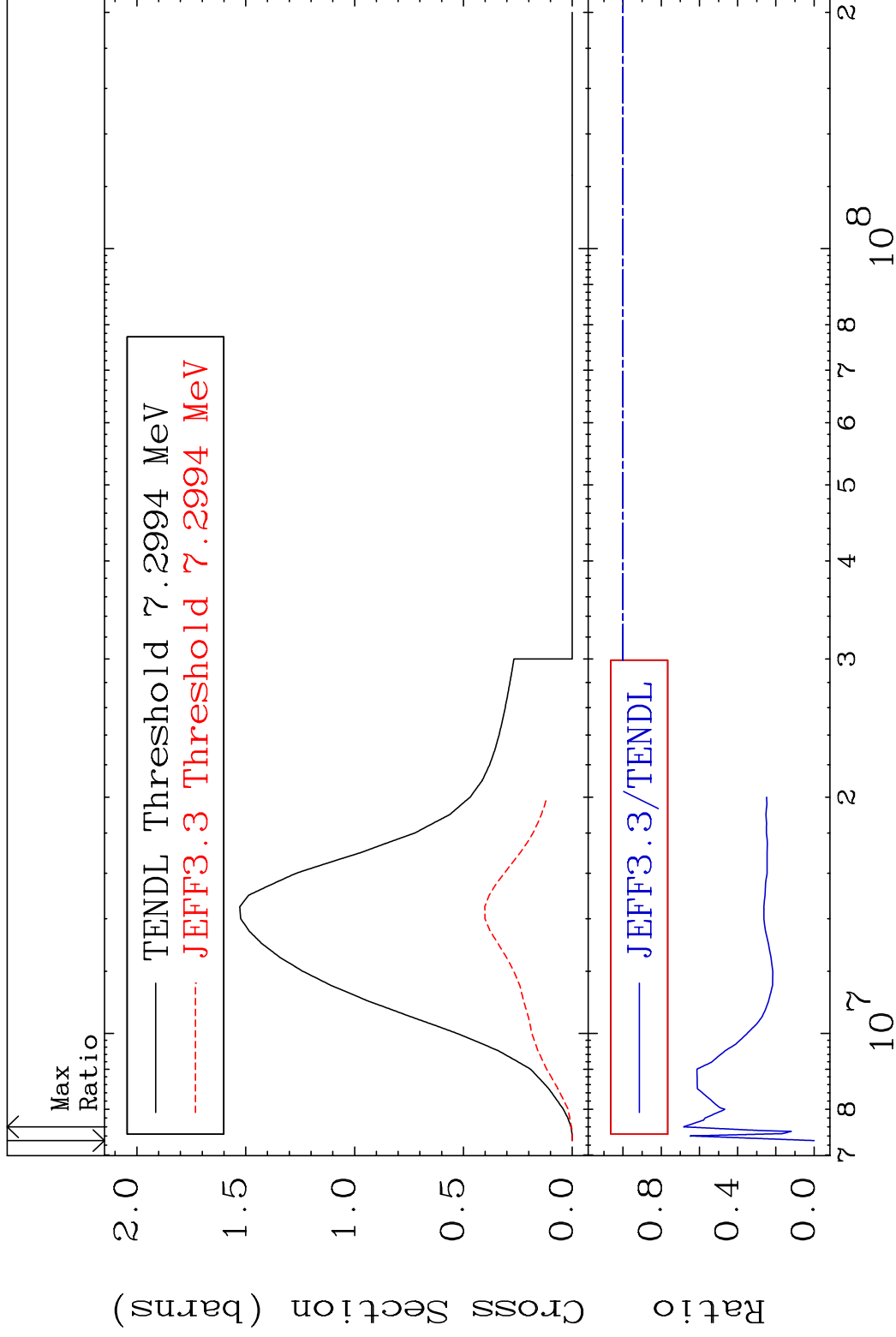
92-U -232

MAT 9219

(n,2n)

92-U -232

Cross Section -100.0 To -31.75%



4

Incident Energy (eV)

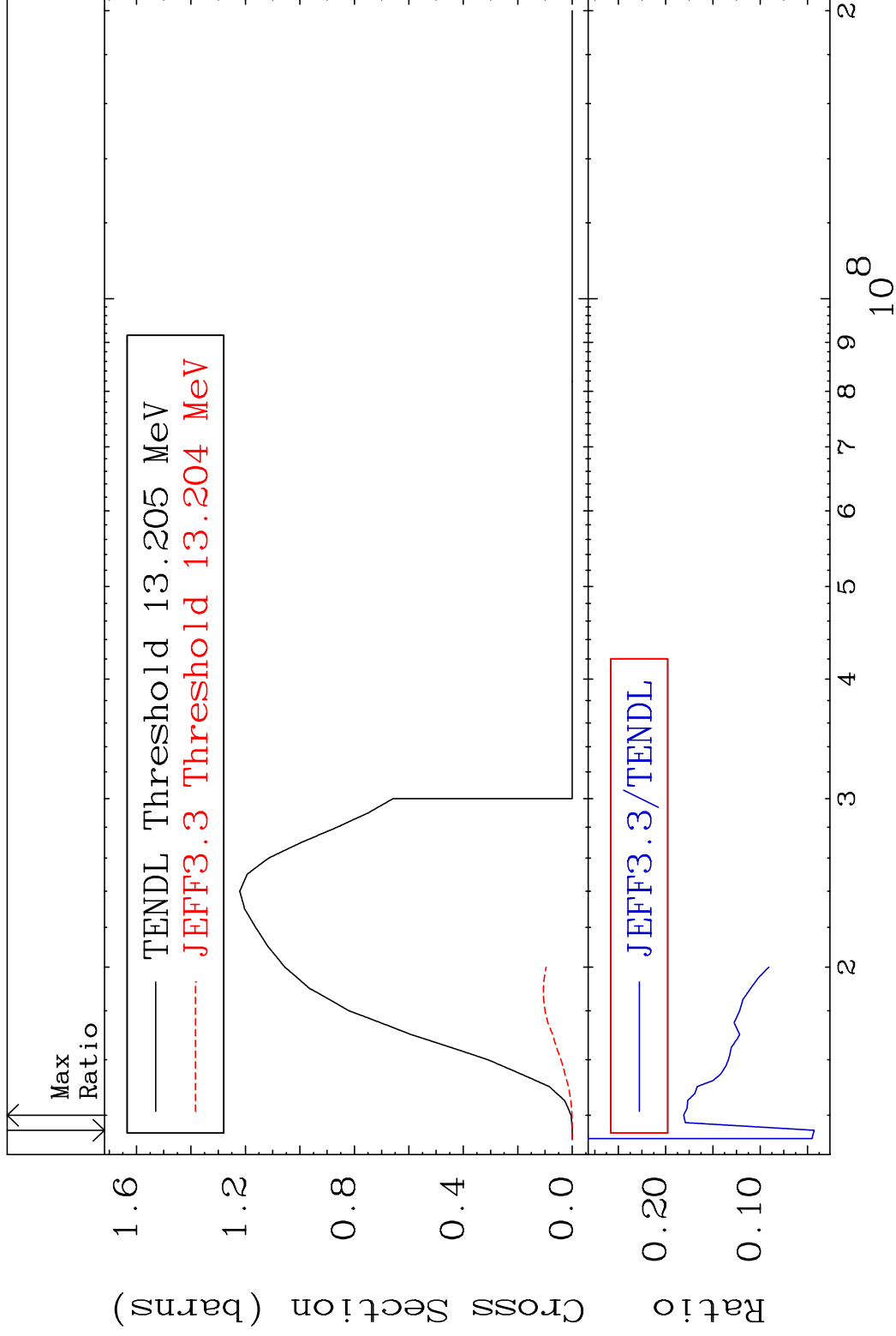
92-U -232

MAT 9219

(n,3n)

92-U -232

Cross Section -95.71 To -81.91%



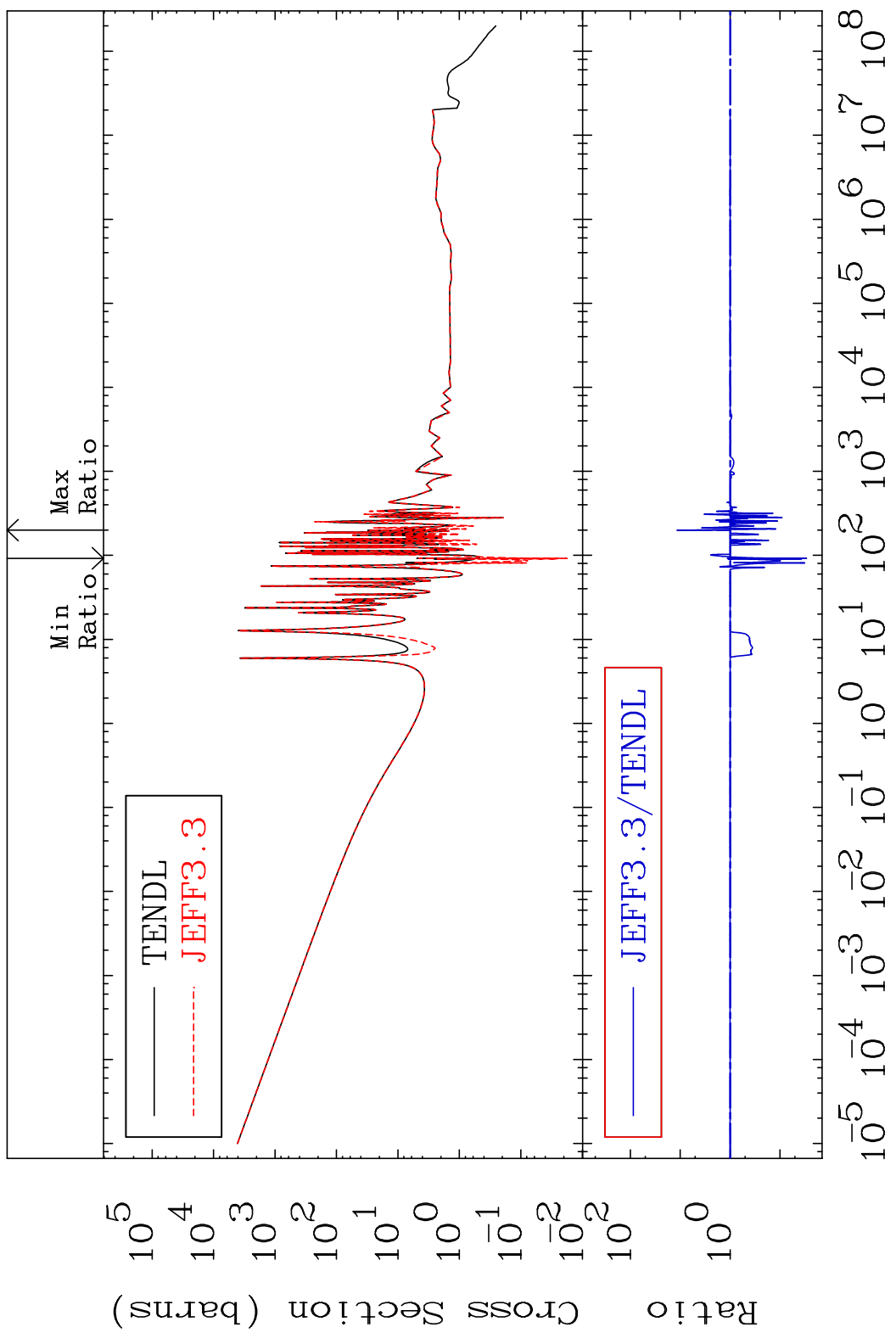
5

Incident Energy (eV)

92-U -232

MAT 9219

Fission Cross Section 92-U -232
-97.05 To 1048. %

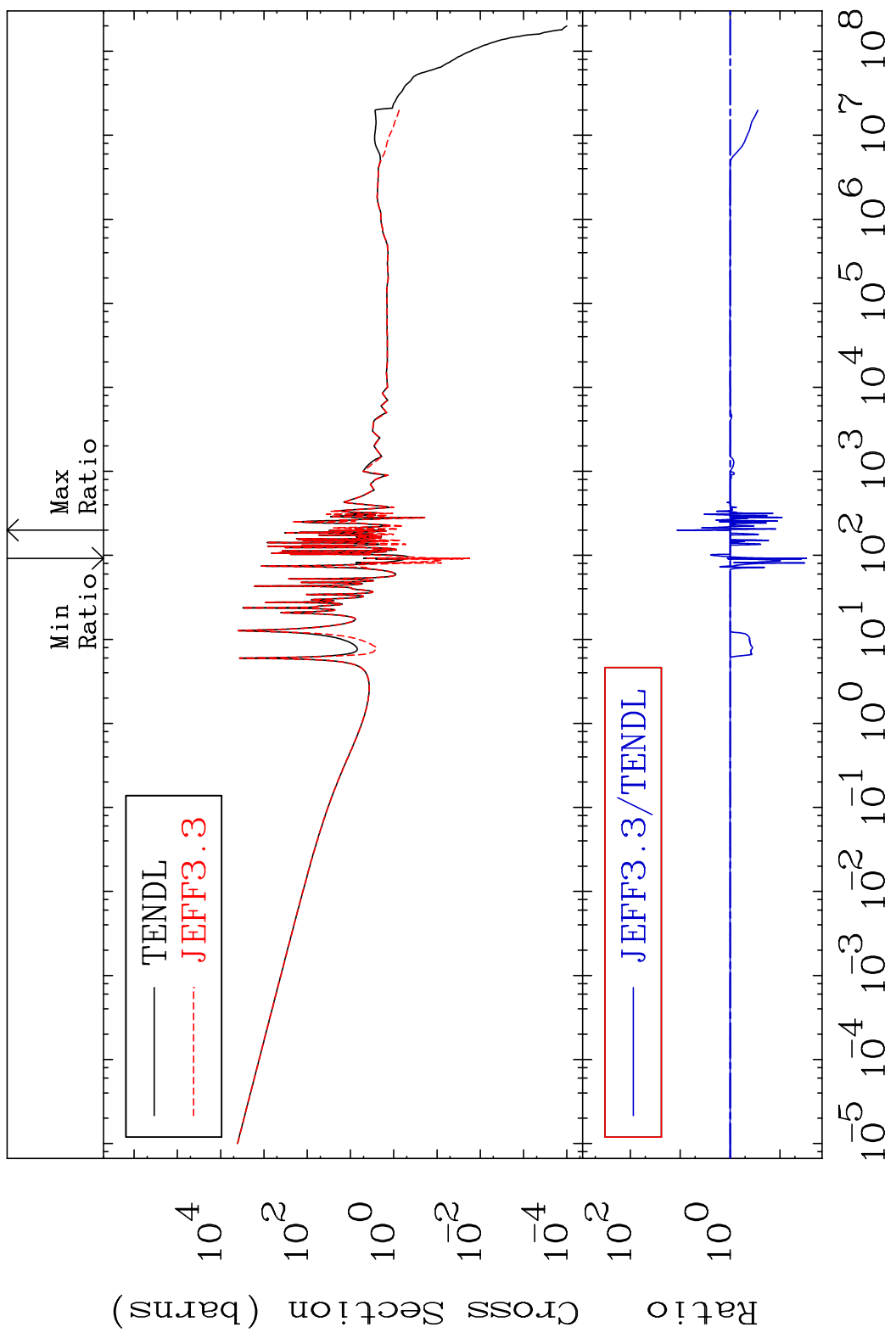


MAT 9219

(n,f) First Chance

92-U -232

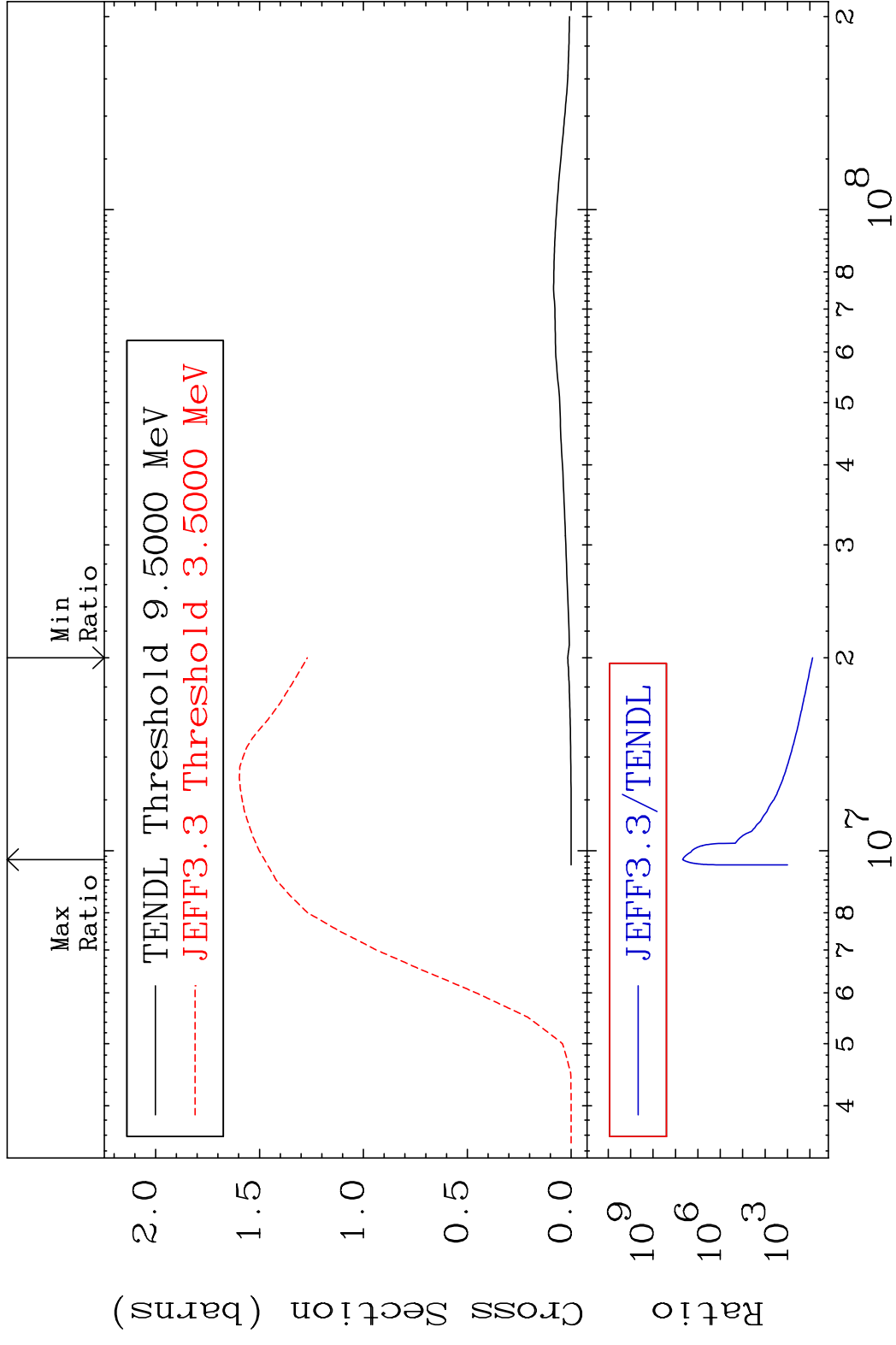
Cross Section -97.05 To 1048. %

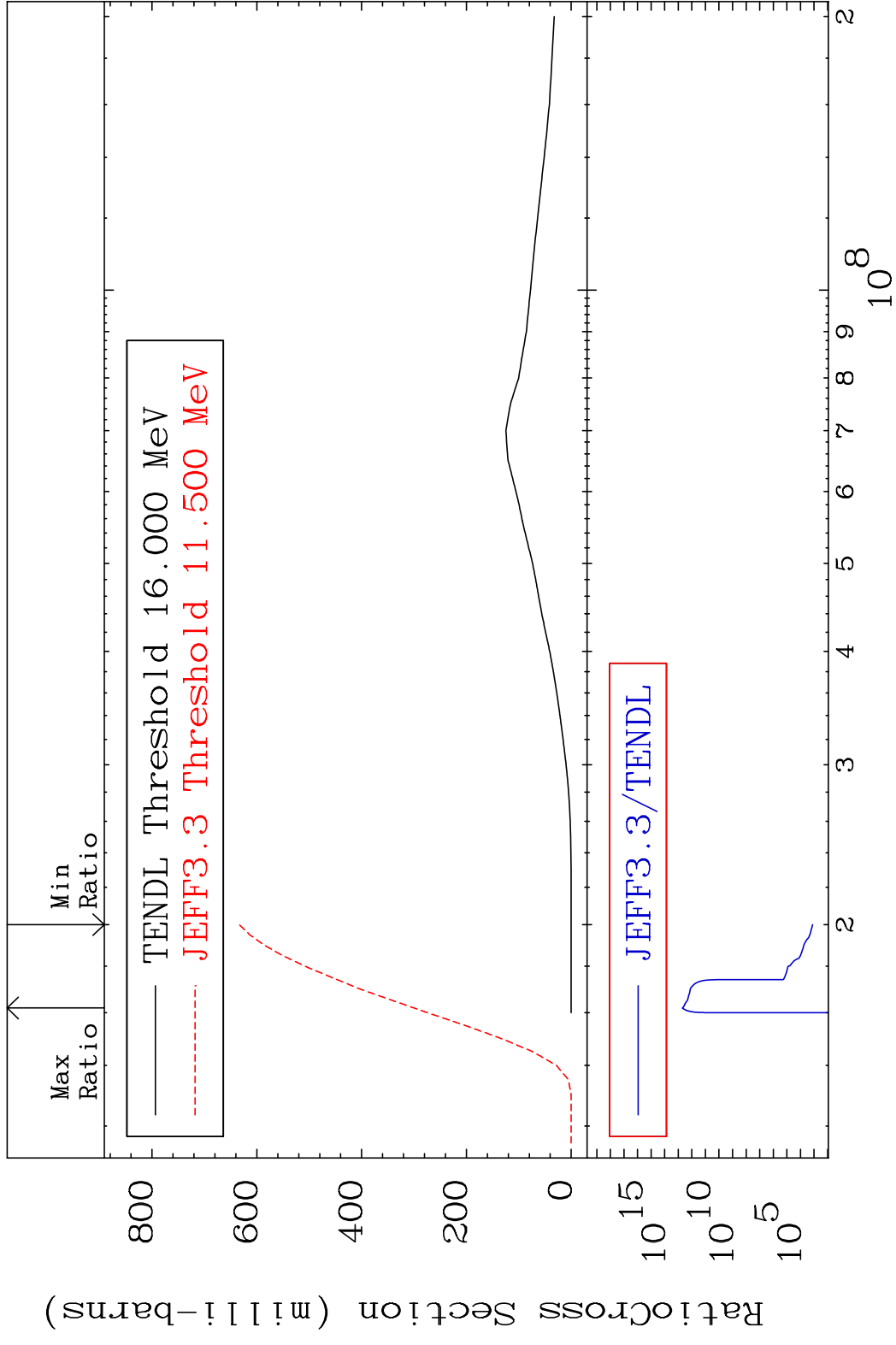


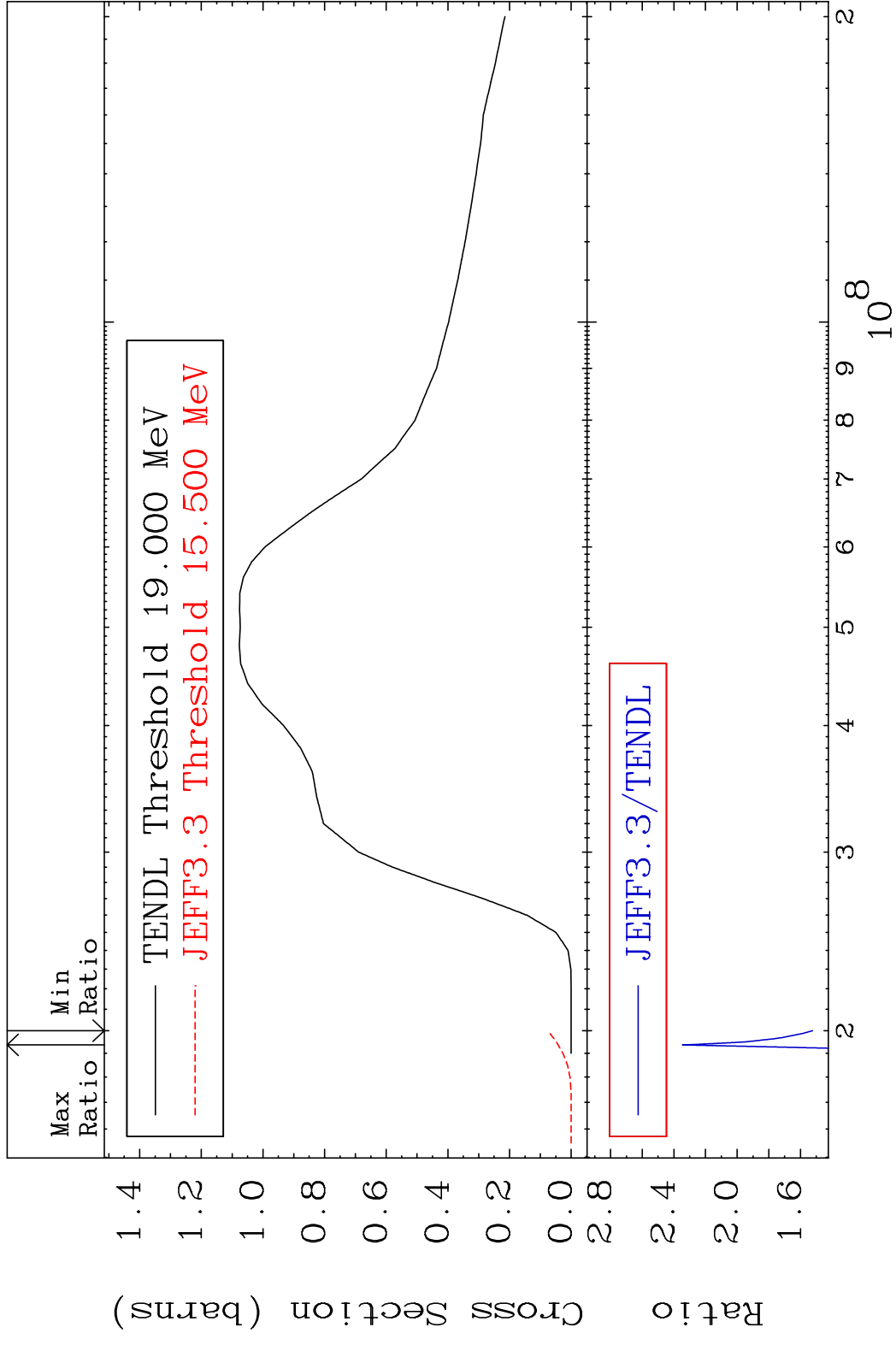
7

Incident Energy (eV)

92-U -232





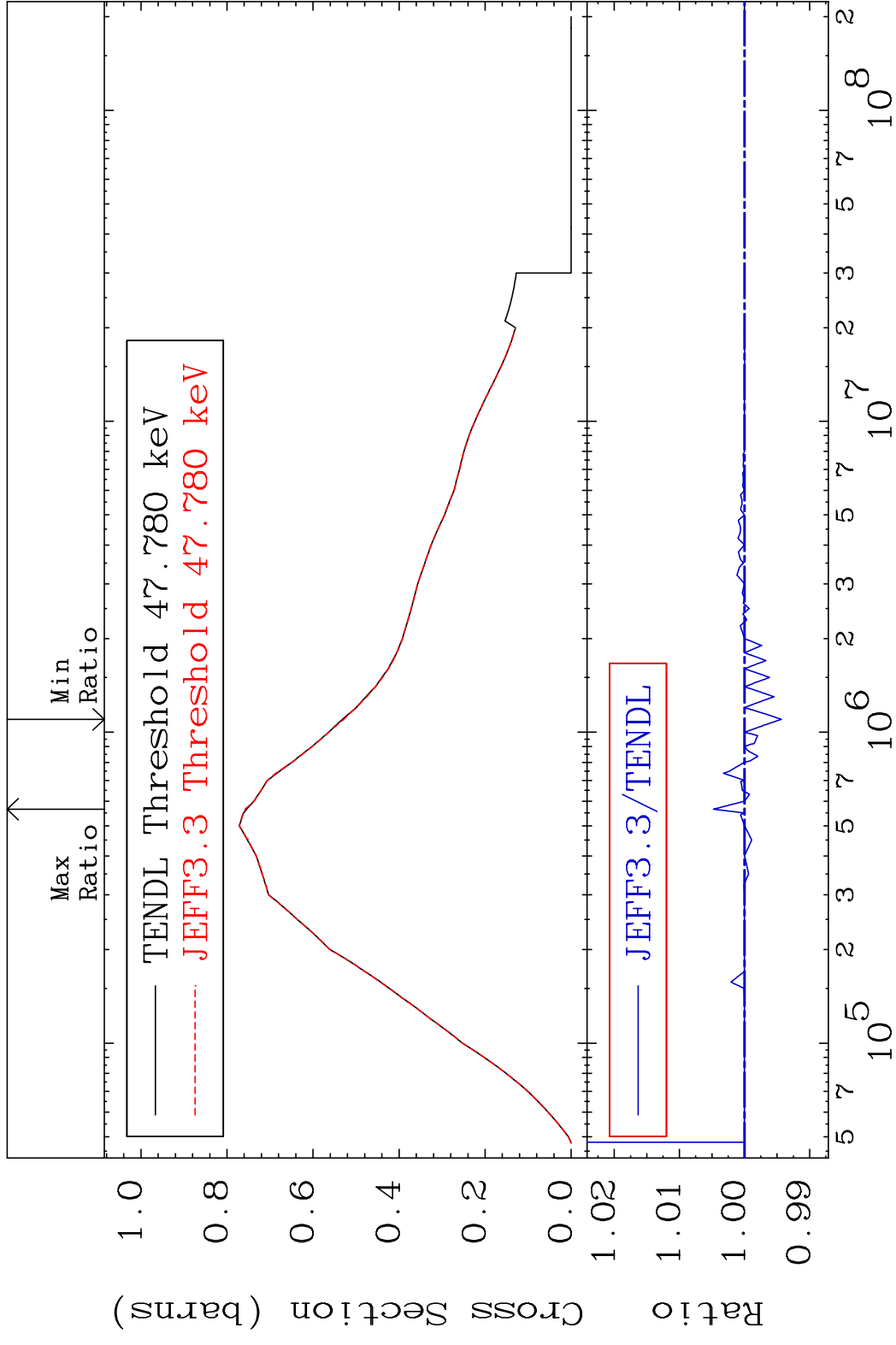


MAT 9219

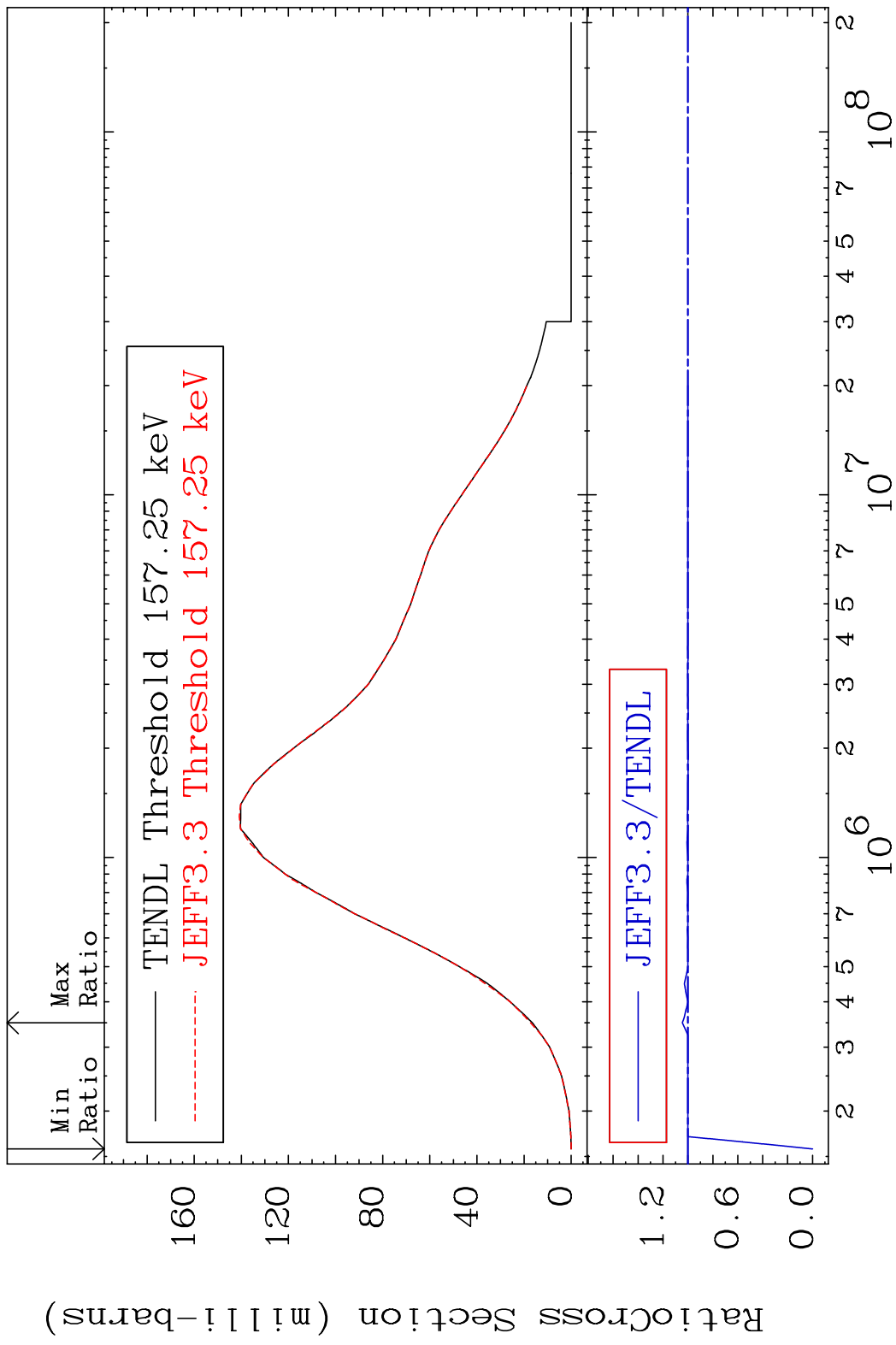
MT= 51 (n, n') Level

92-U -232

Cross Section -0.566 To 0.475 %



MAT 9219 MT= 52 (n,n') Level 92-U -232
 Cross Section -100.0 To 4.464 %

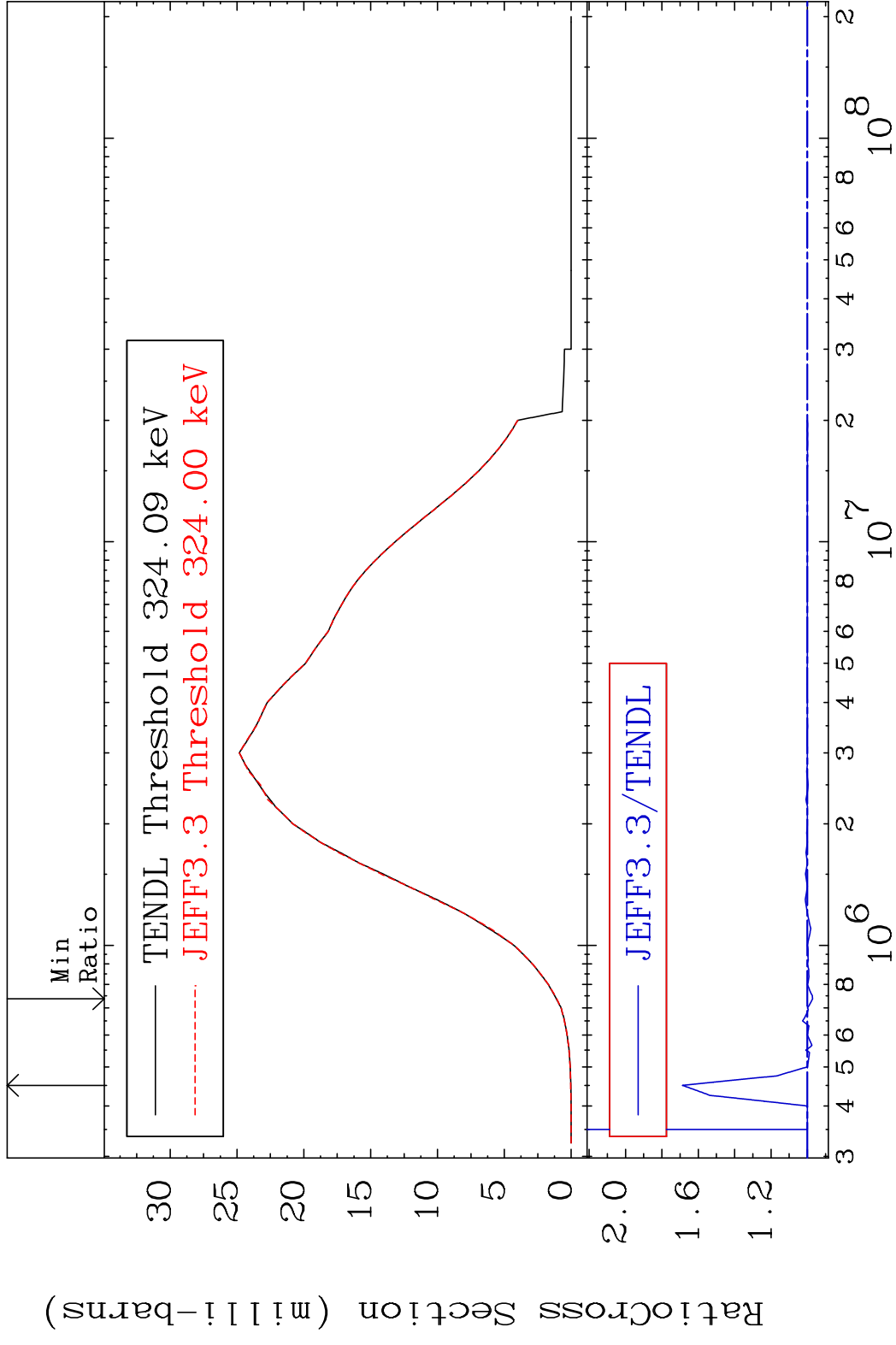


MAT 9219

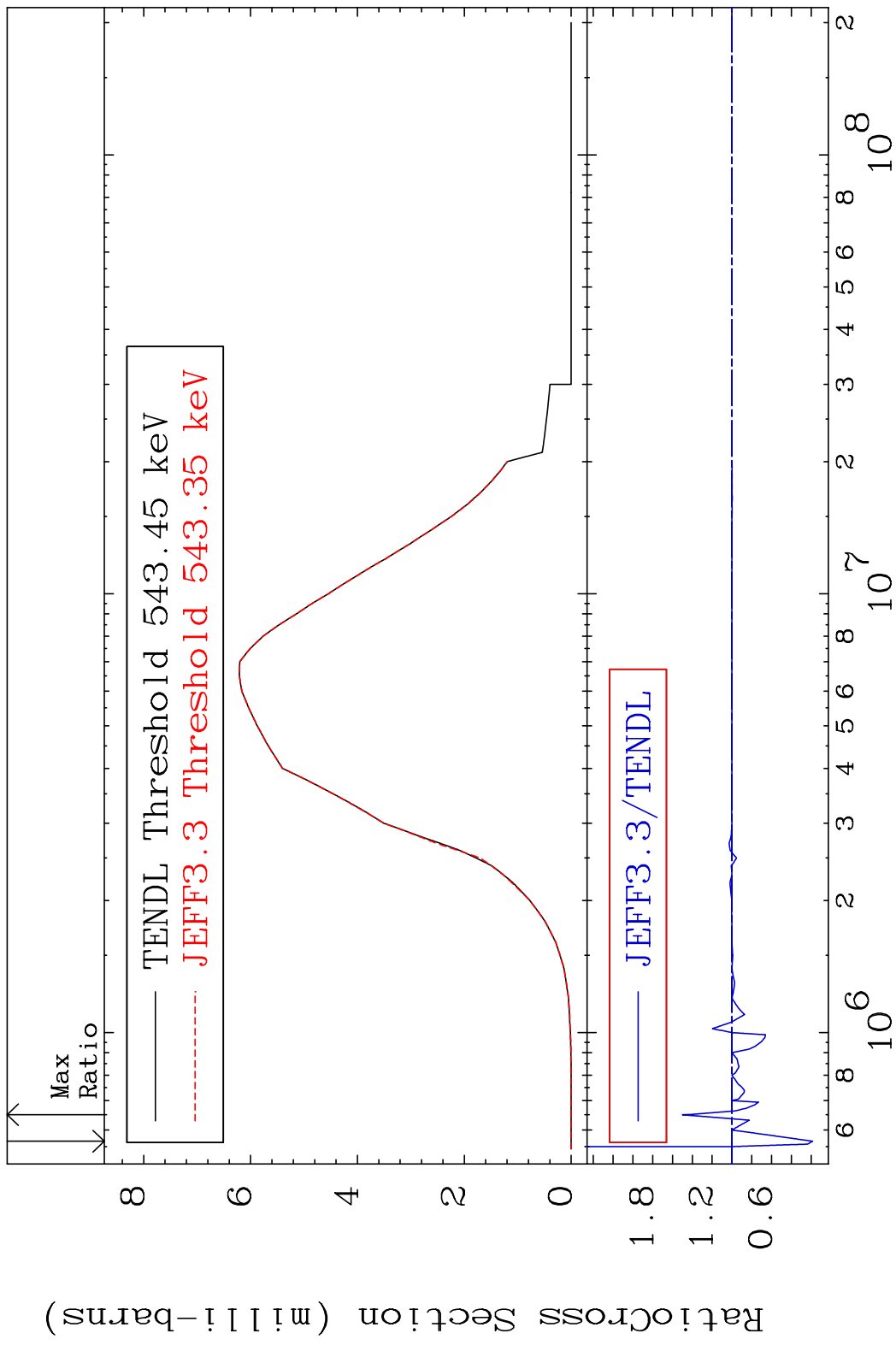
MT= 53 (n, n') Level

92-U -232

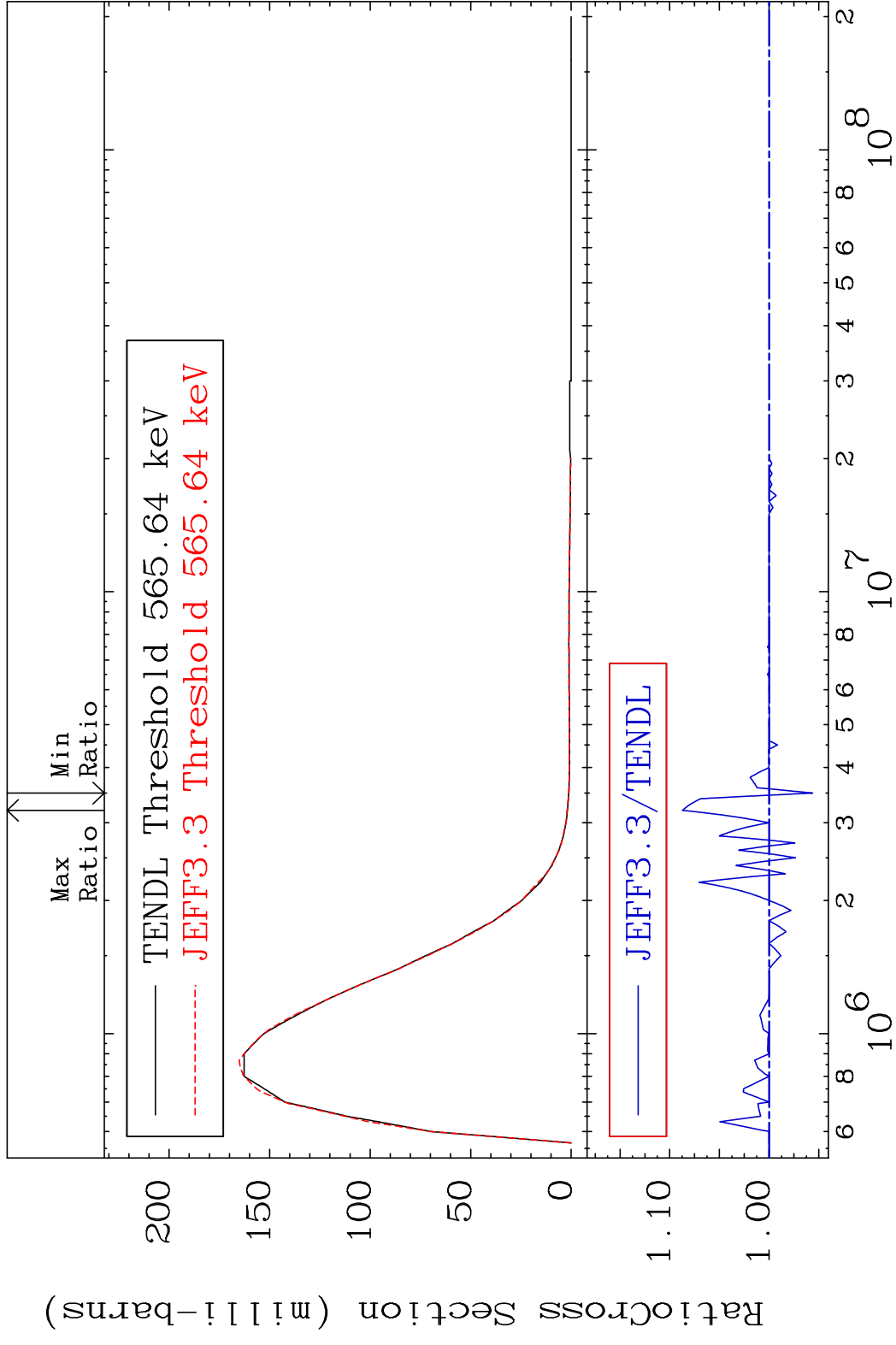
Cross Section -2.843 To 68.75 %



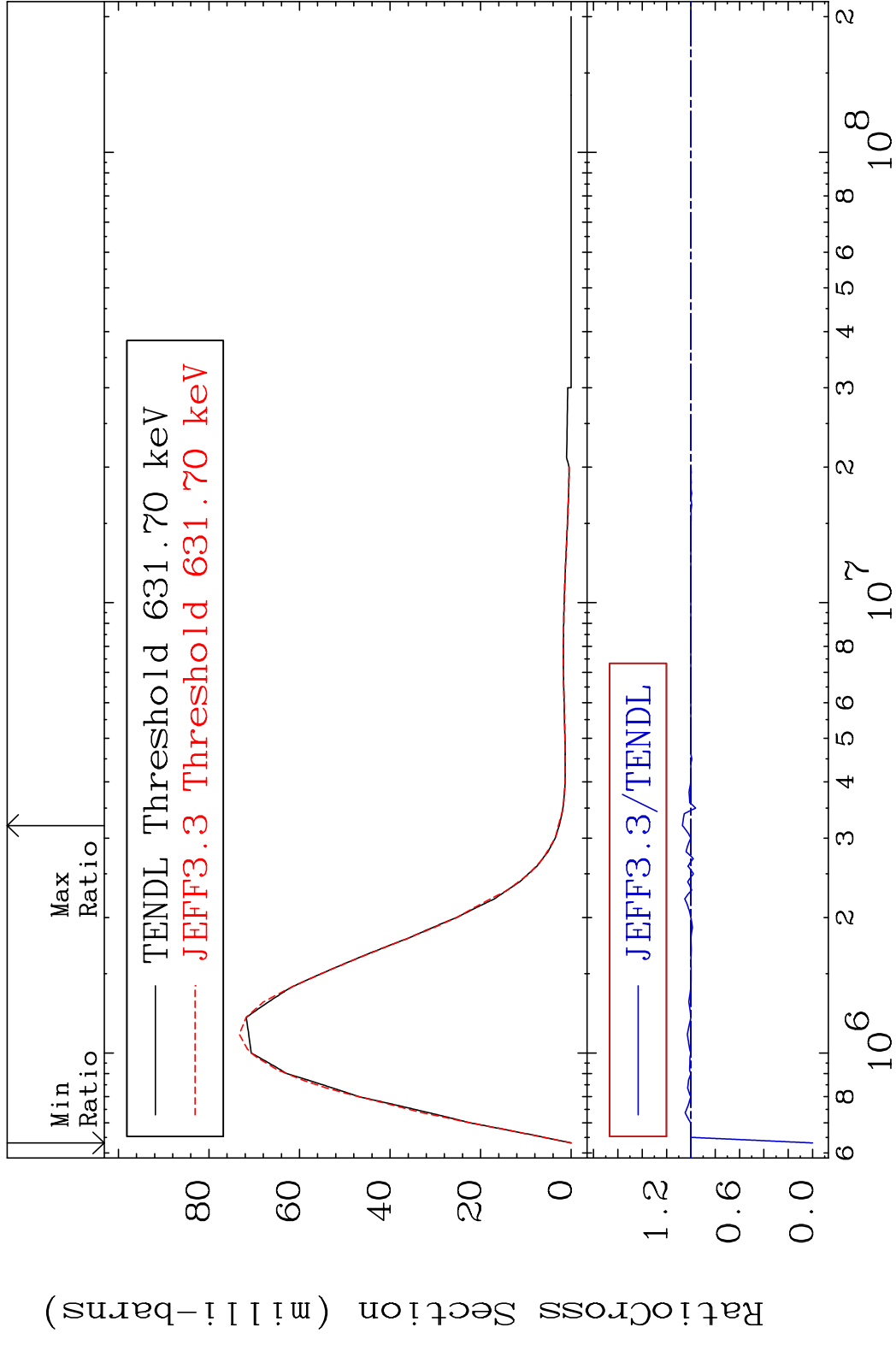
MAT 9219 MT= 54 (n, n') Level 92-U -232
 Cross Section -81.45 To 50.07 %



MAT 9219 MT= 55 (n, n') Level 92-U -232
 Cross Section -4.376 To 8.728 %



MAT 9219 MT= 56 (n,n') Level 92-U -232
 Cross Section -100.0 To 7.006 %

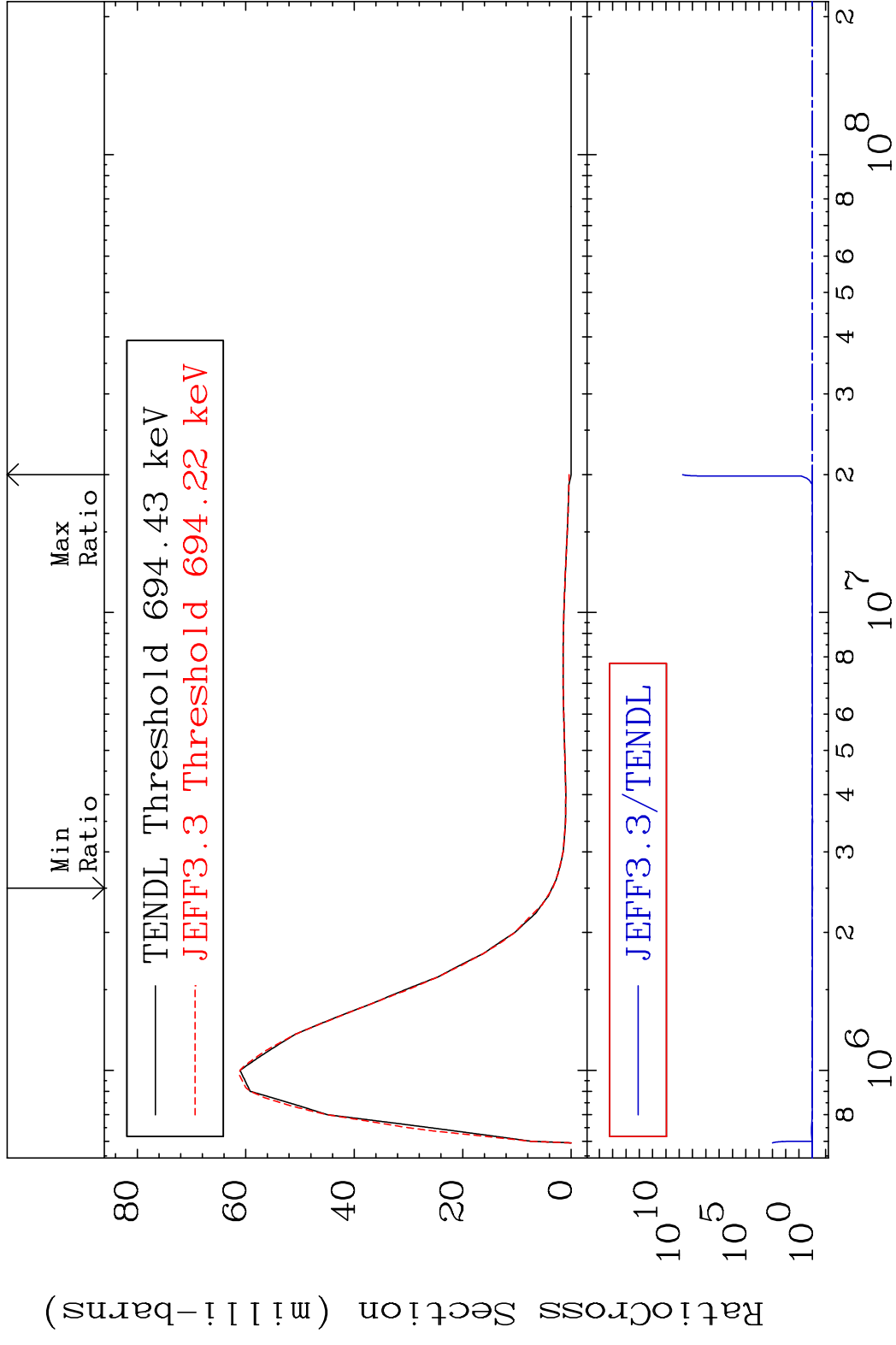


MAT 9219

MT= 57 (n, n') Level

92-U -232

Cross Section -3.606 To 9999. %

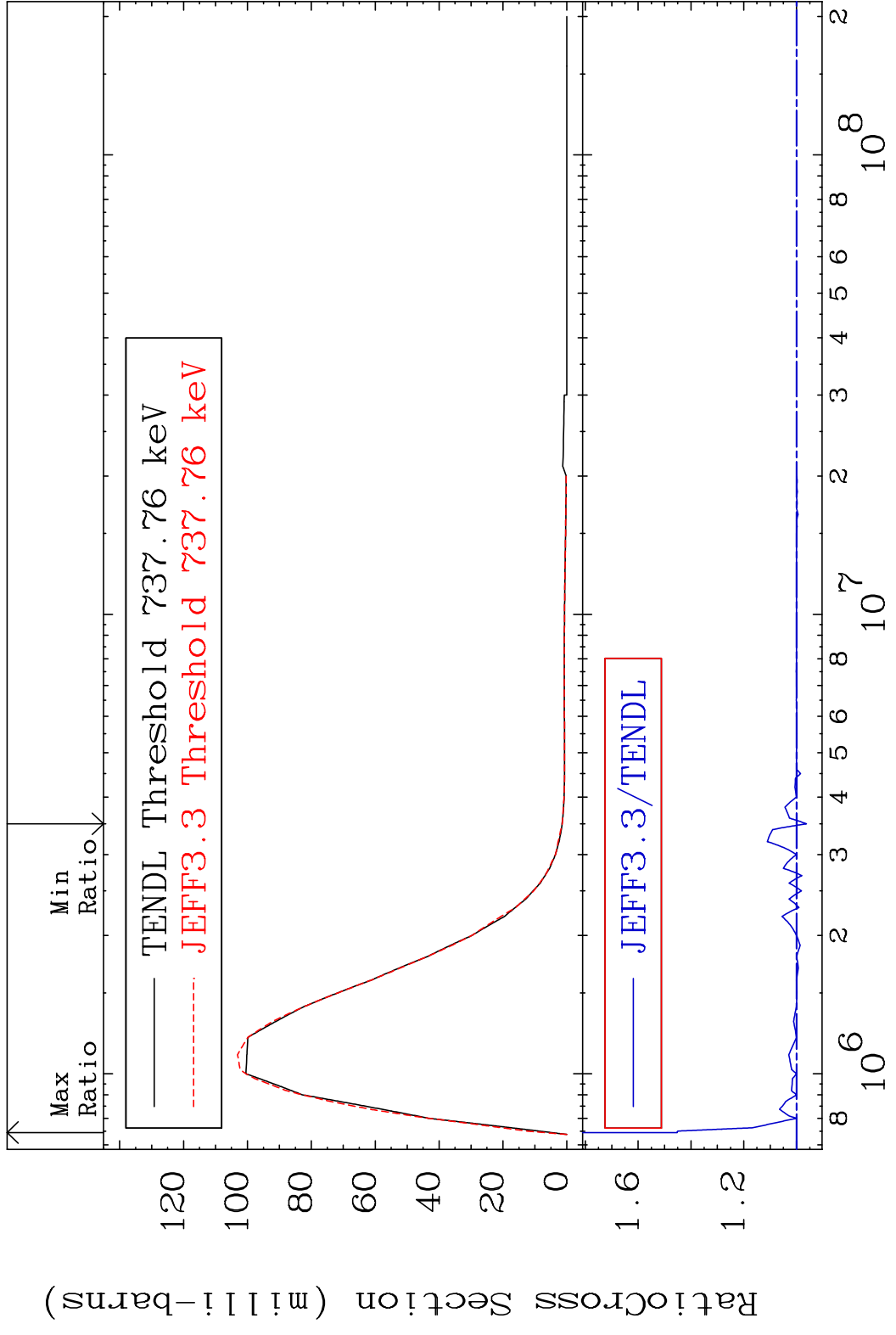


17

Incident Energy (eV)

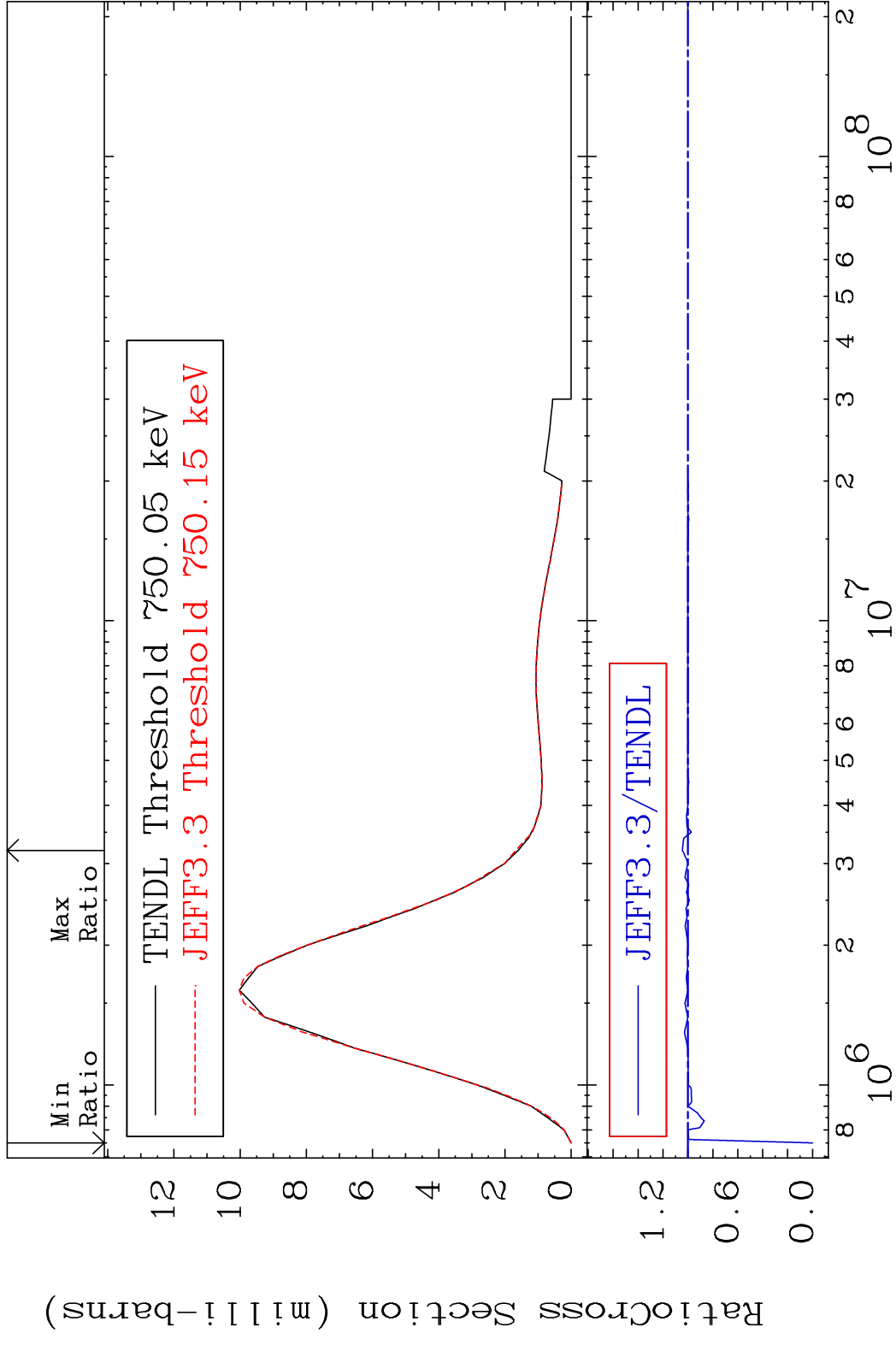
92-U -232

MAT 9219 MT= 58 (n,n') Level 92-U -232
 Cross Section -3.720 To 45.21 %



18 Incident Energy (eV) 92-U -232

MAT 9219 MT= 59 (n, n') Level 92-U -232
 Cross Section -100.0 To 4.484 %



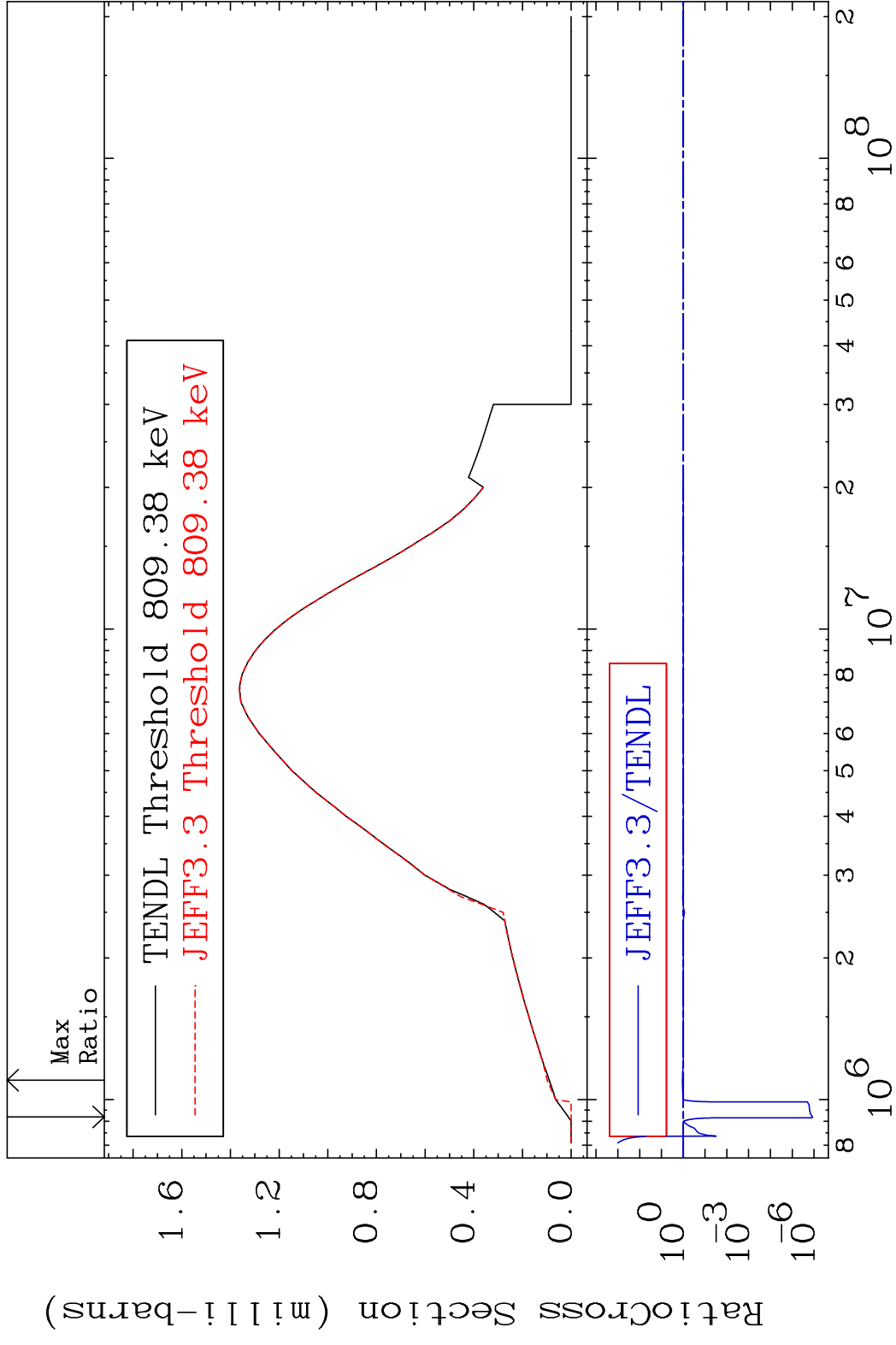
19 Incident Energy (eV) 92-U -232

MAT 9219

MT= 60 (n, n') Level

92-U -232

Cross Section -100.0 To 9.887 %



20

Incident Energy (eV)

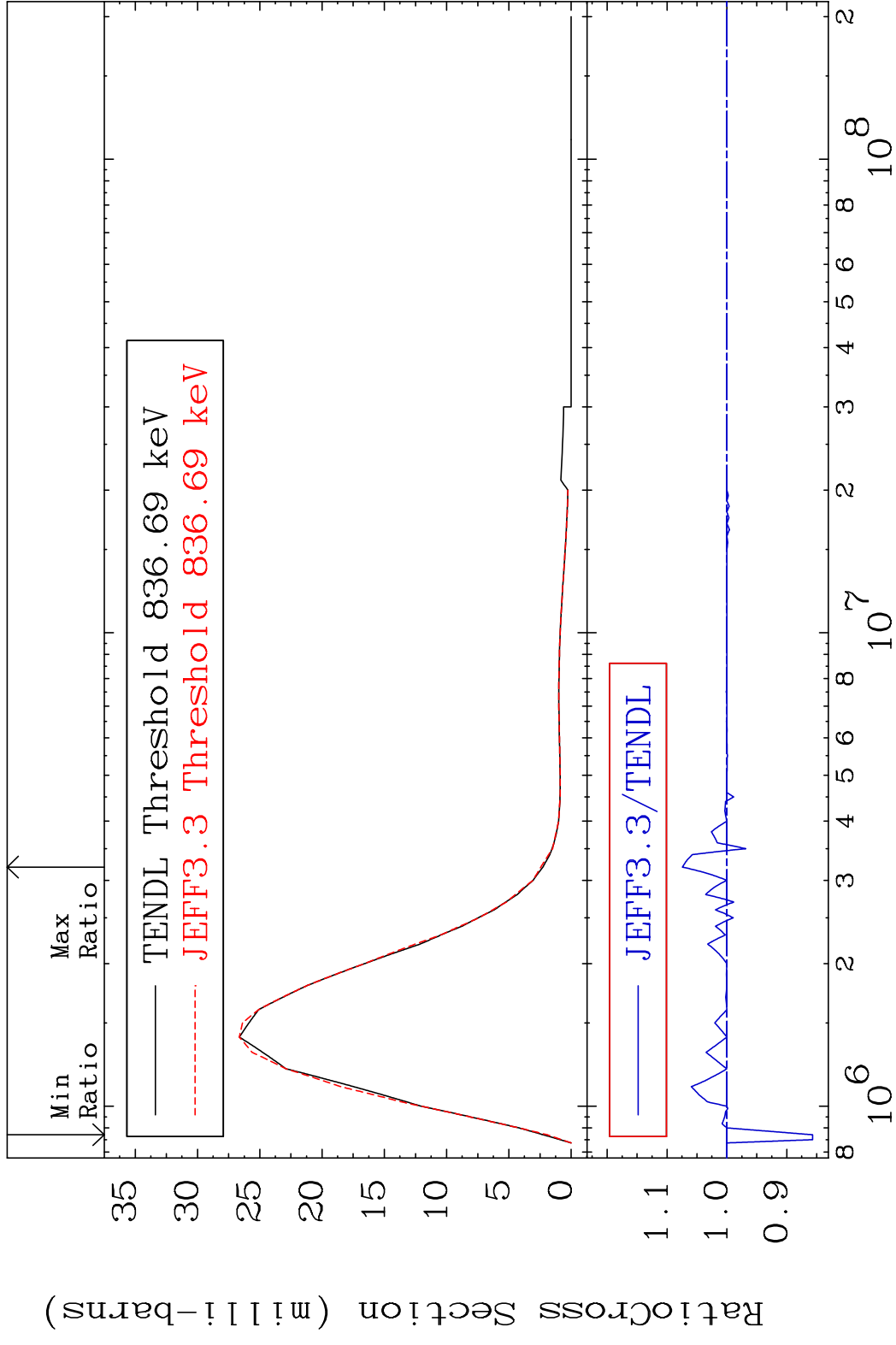
92-U -232

MAT 9219

MT= 61 (n,n') Level

92-U -232

Cross Section -14.30 To 7.437 %

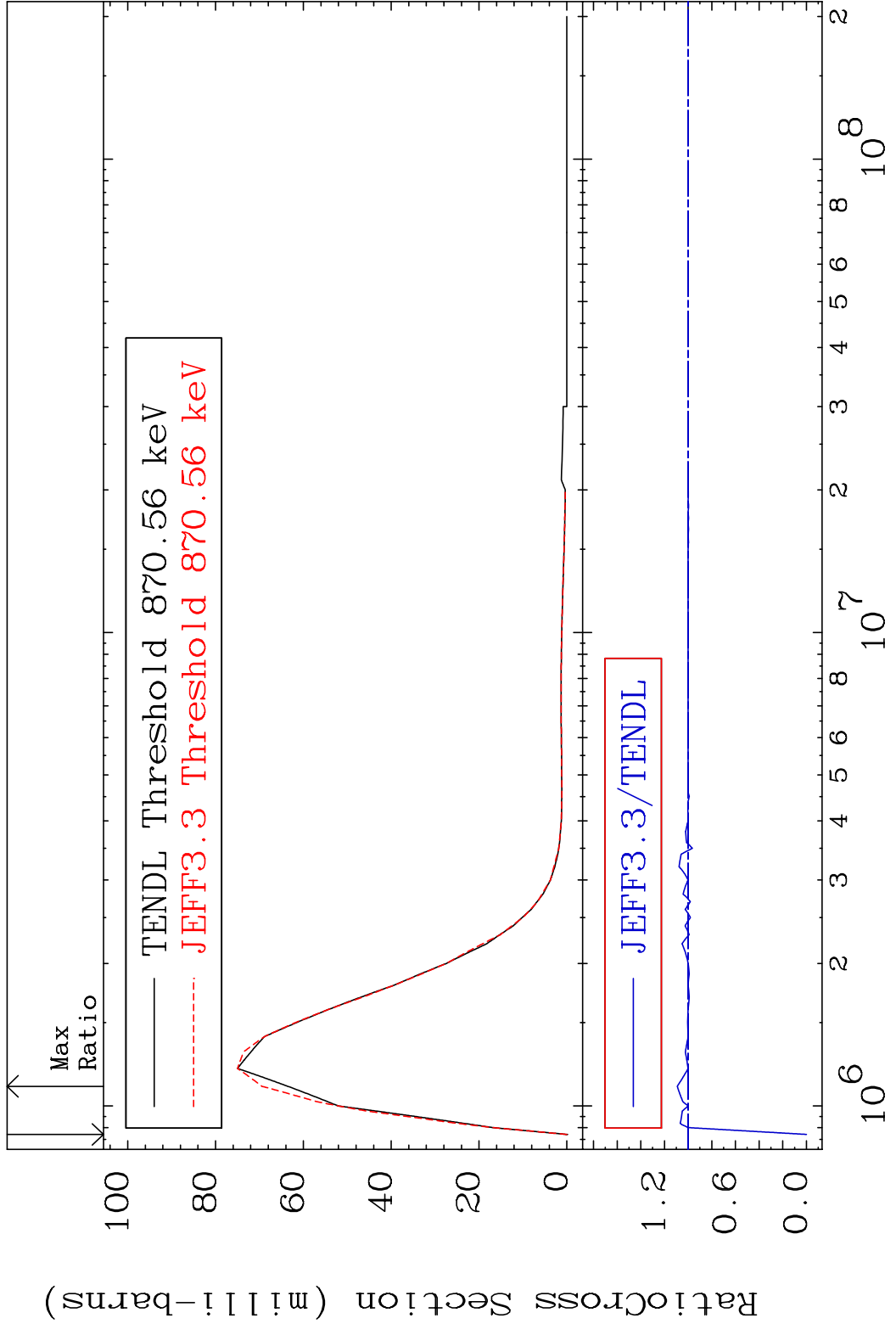


21

Incident Energy (eV)

92-U -232

MAT 9219 MT= 62 (n, n') Level 92-U -232
 Cross Section -100.0 To 9.251 %

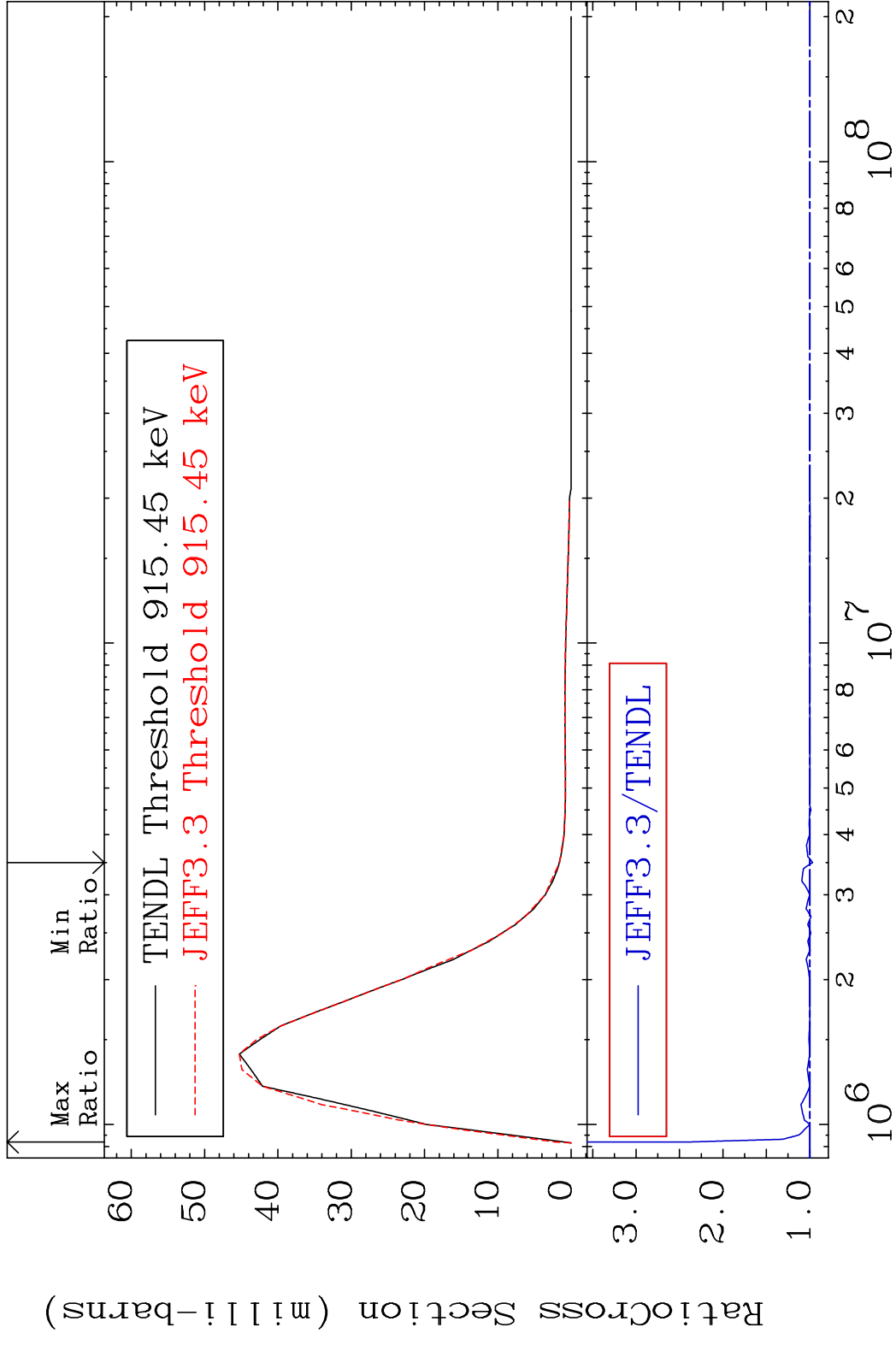


MAT 9219

MT= 63 (n, n') Level

92-U -232

Cross Section -3.212 To 146.7 %



23

Incident Energy (eV)

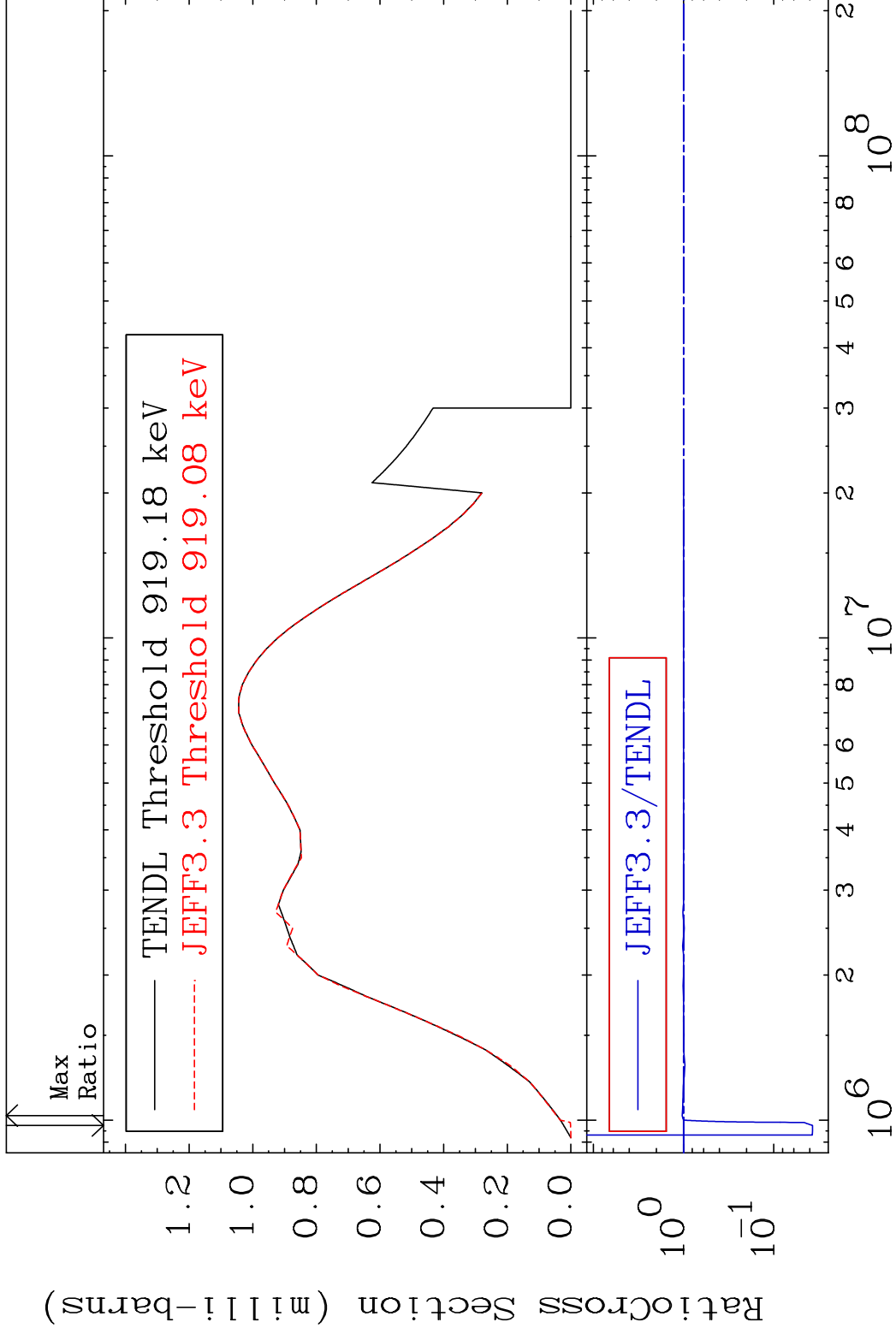
92-U -232

MAT 9219

MT= 64 (n, n') Level

92-U -232

Cross Section -96.27 To 3.610 %

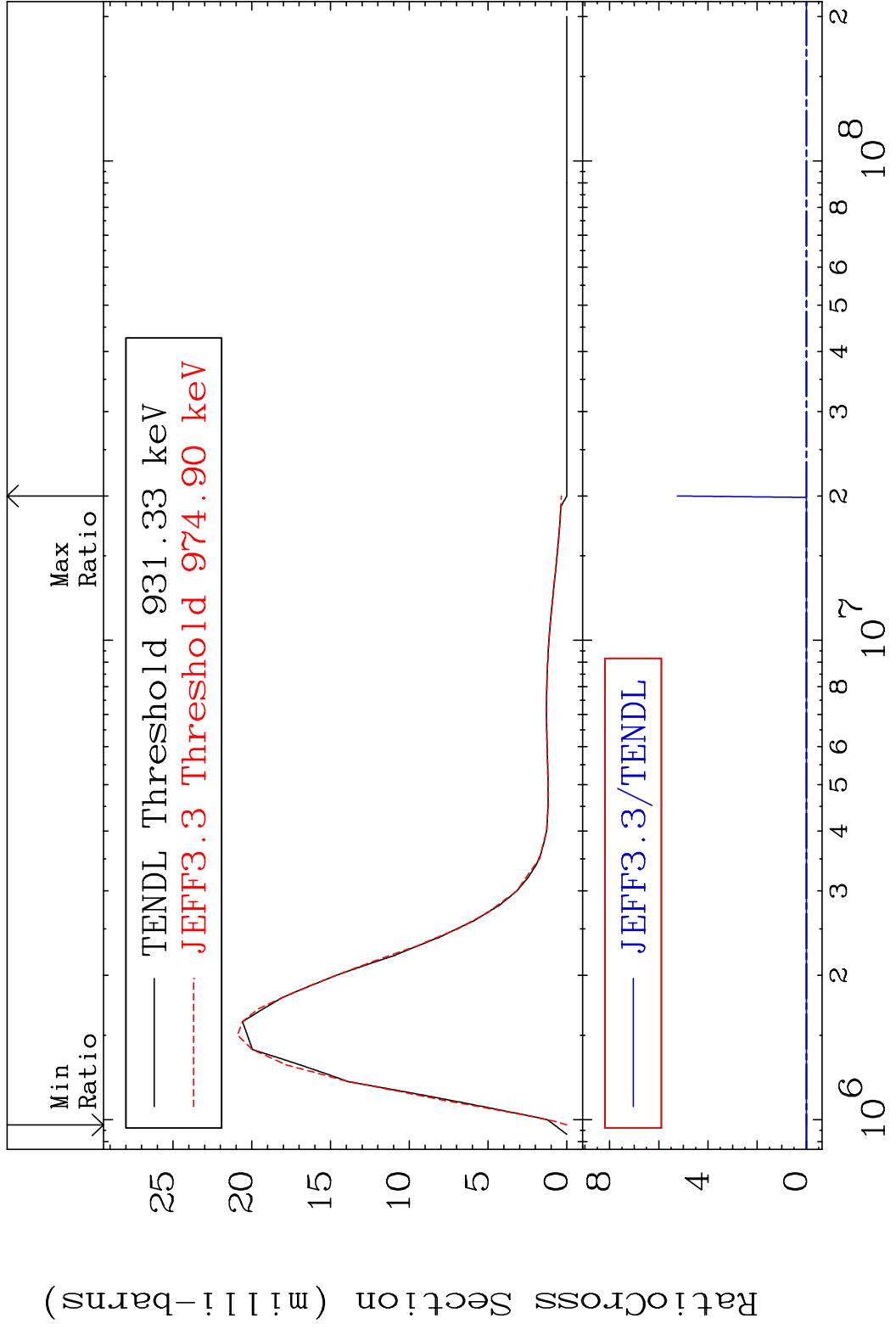


24

Incident Energy (eV)

92-U -232

MAT 9219 MT= 65 (n, n') Level 92-U -232
 Cross Section -100.0 To 9999. %



25

20

15

10

5

0

8

4

0

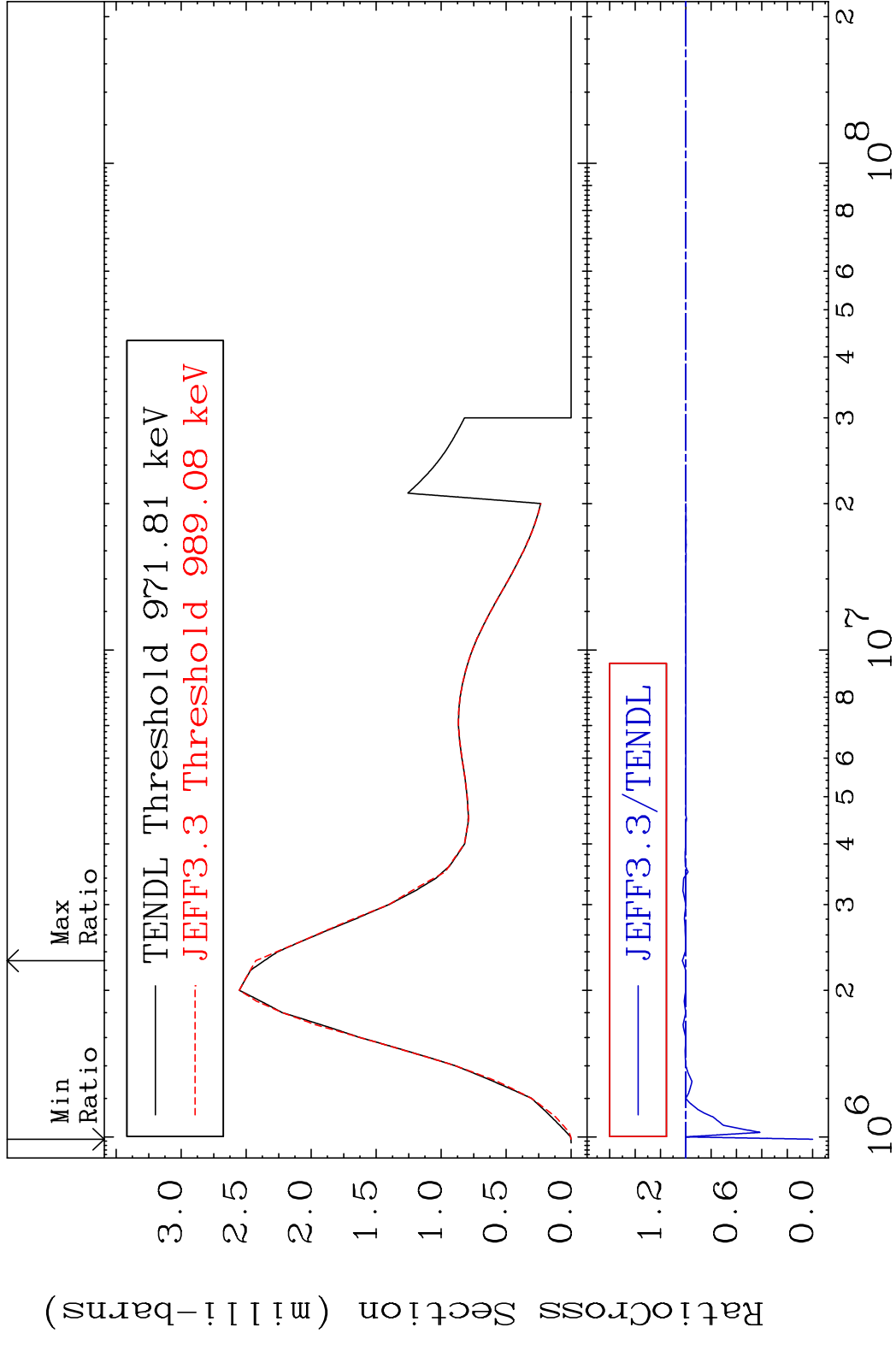
10⁶

10⁷

10⁸

2 3 4 5 6 8

MAT 9219 MT= 66 (n, n') Level 92-U -232
 Cross Section -100.0 To 2.716 %



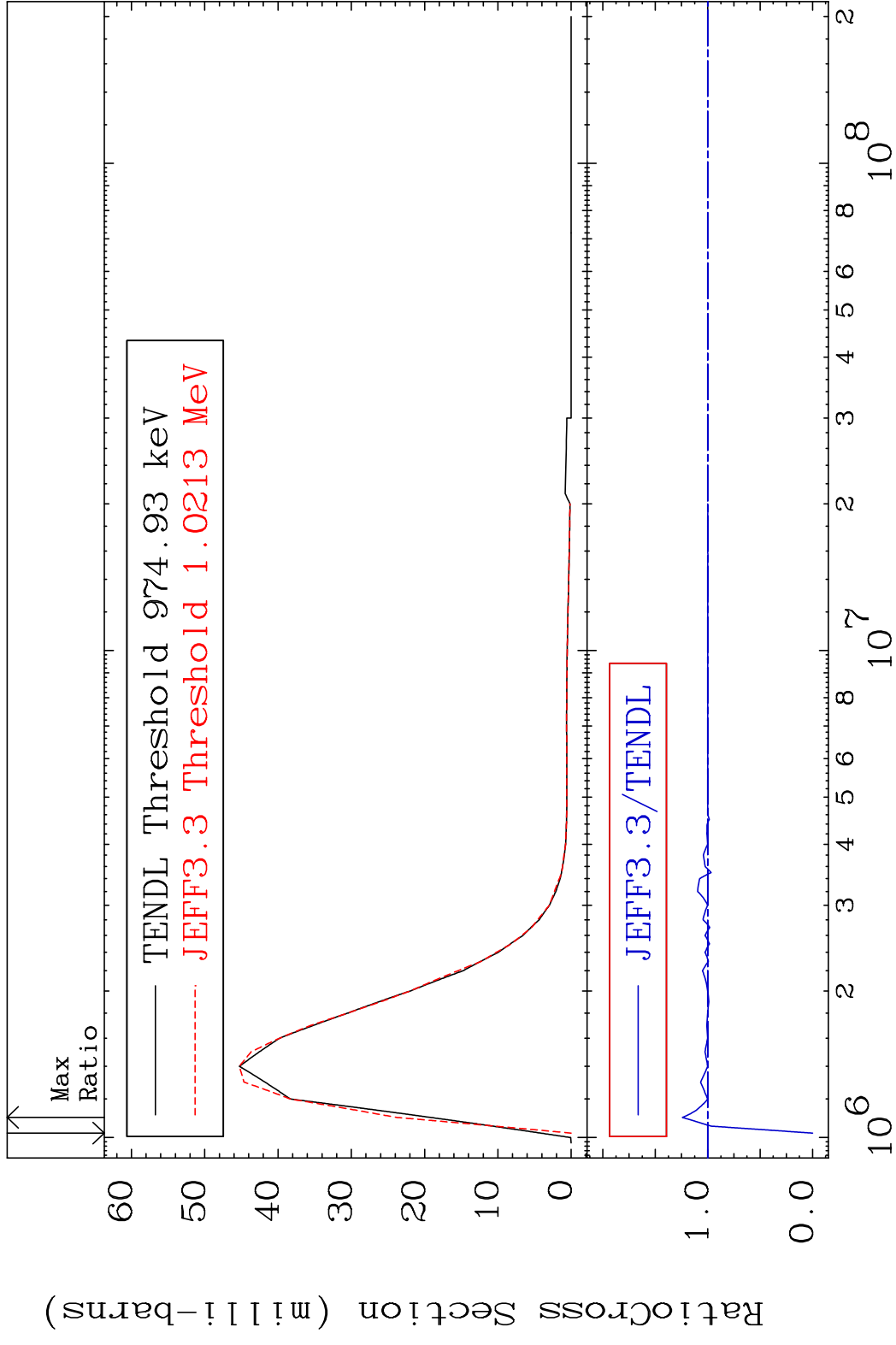
26 Incident Energy (eV) 92-U -232

MAT 9219

MT= 67 (n, n') Level

92-U -232

Cross Section -100.0 To 24.20 %



27

Incident Energy (eV)

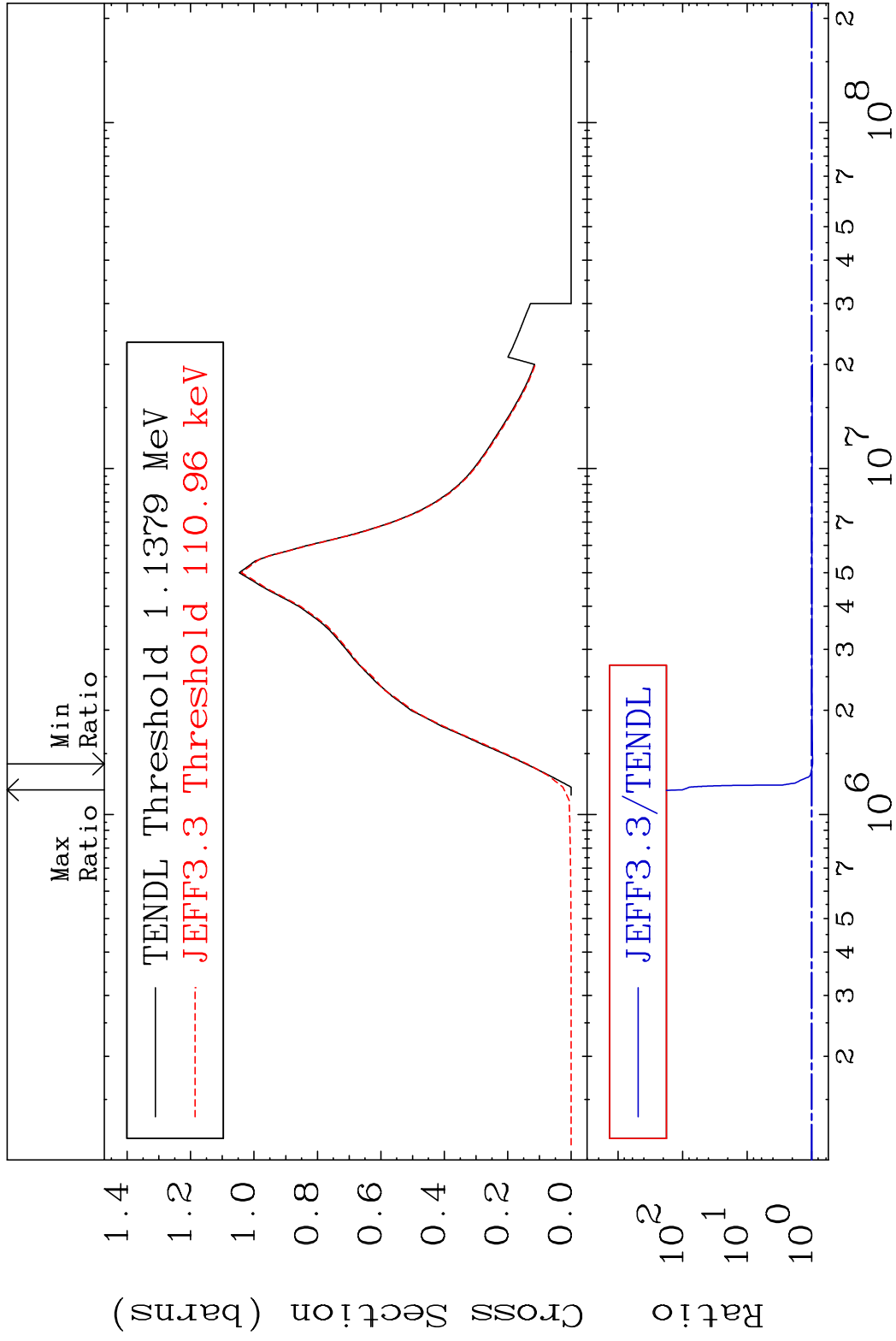
92-U -232

MAT 9219

(n,n') Continuum

92-U -232

Cross Section -2.740 To 9999. %



28

Incident Energy (eV)

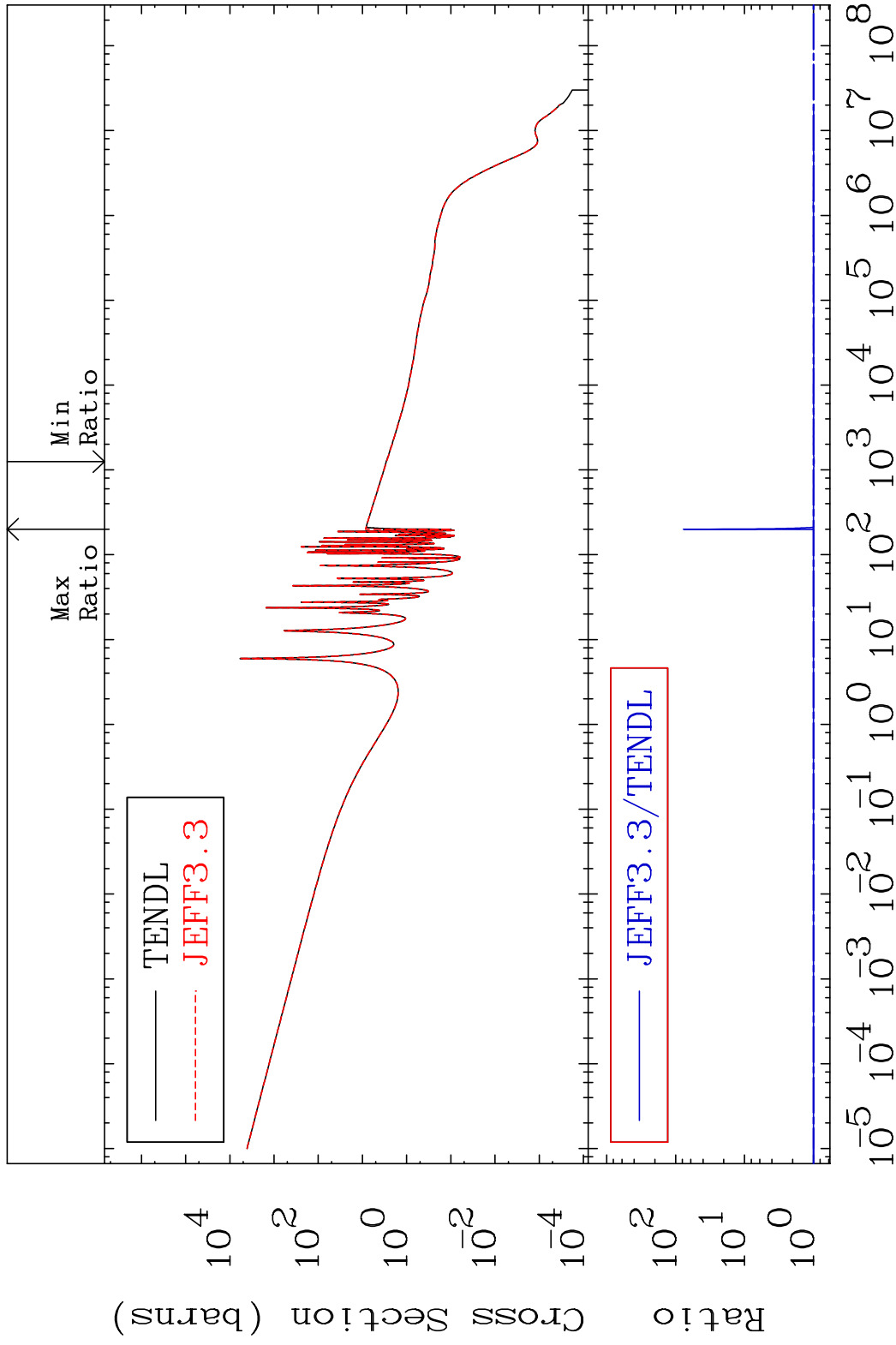
92-U -232

MAT 9219

(n, γ)

92-U -232

Cross Section -2.006 To 7537. %



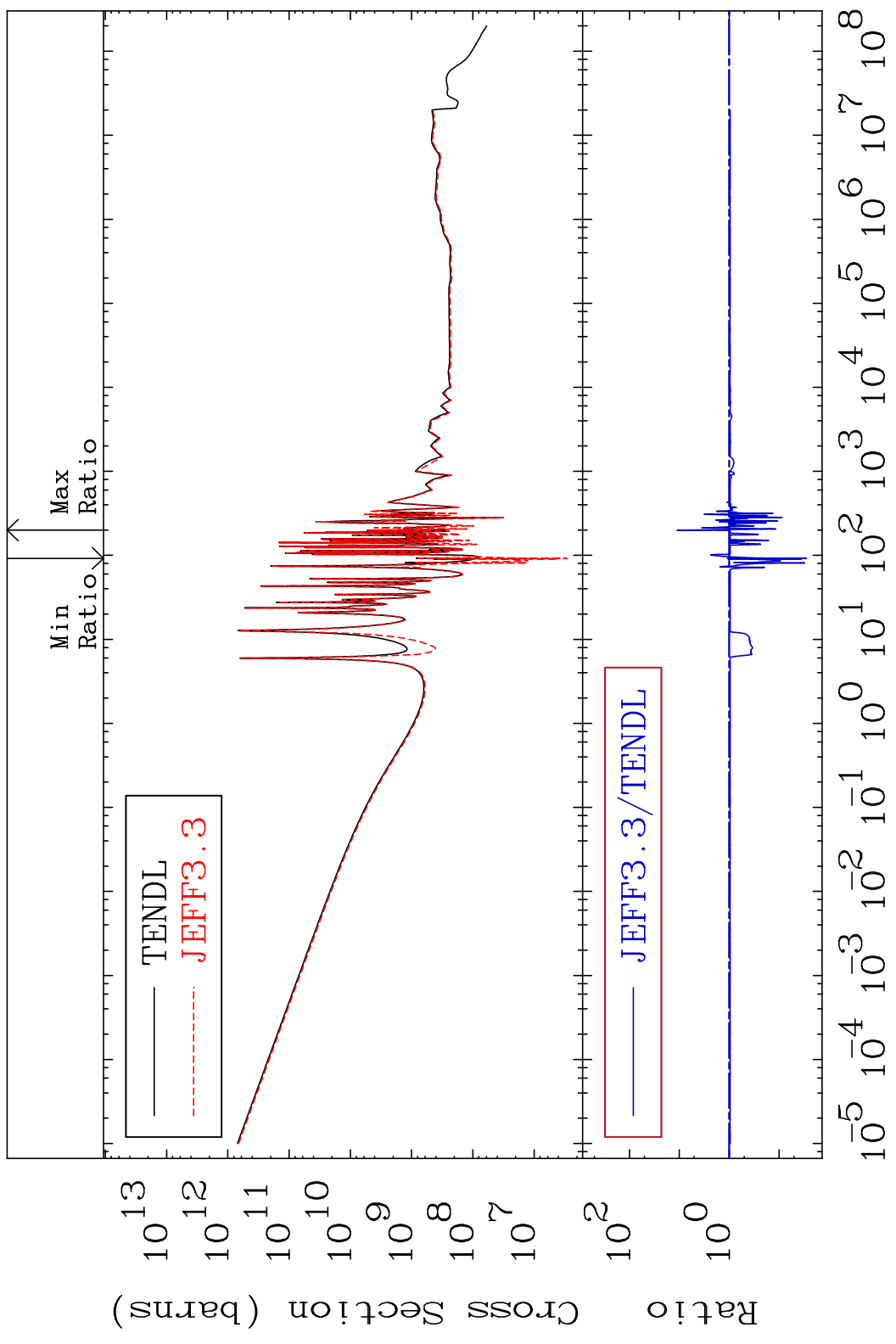
29

Incident Energy (eV)

92-U -232

MAT 9219

Kerma total (eV-barns) 92-U -232
Cross Section -97.17 To 1000. %



30

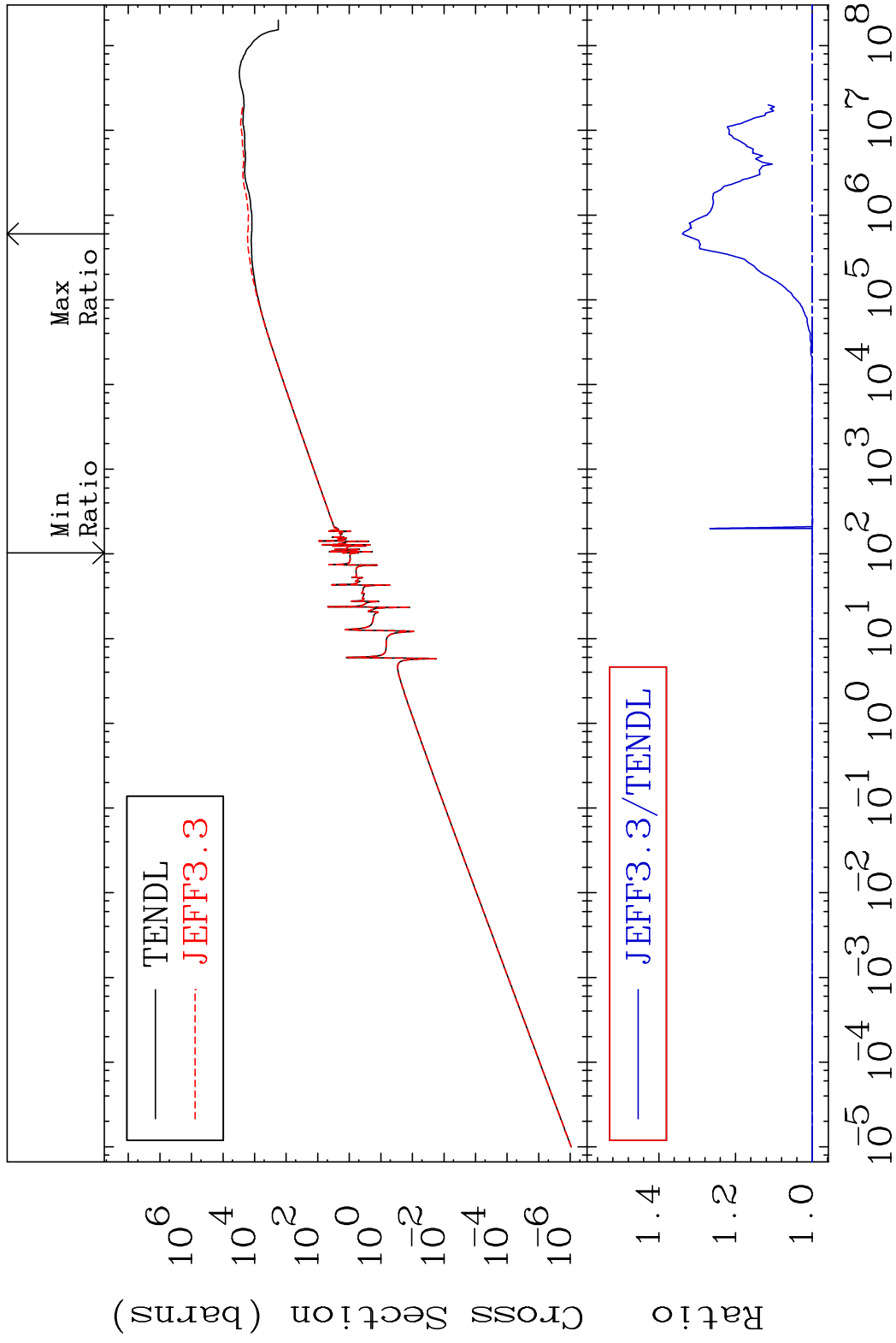
Incident Energy (eV) 92-U -232

MAT 9219

Kerma elastic

92-U -232

Cross Section -0.096 To 33.88 %

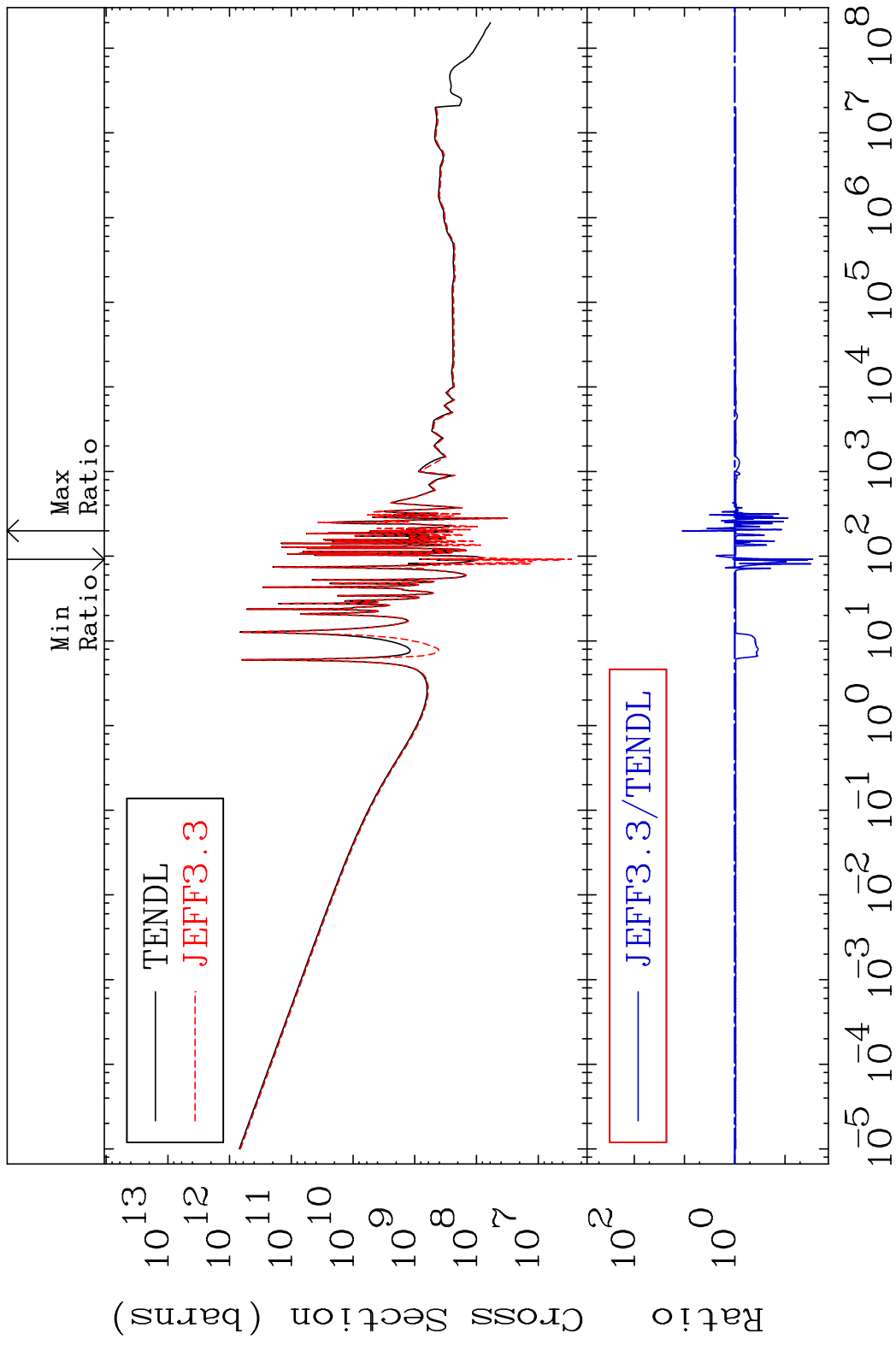


31

Incident Energy (eV)

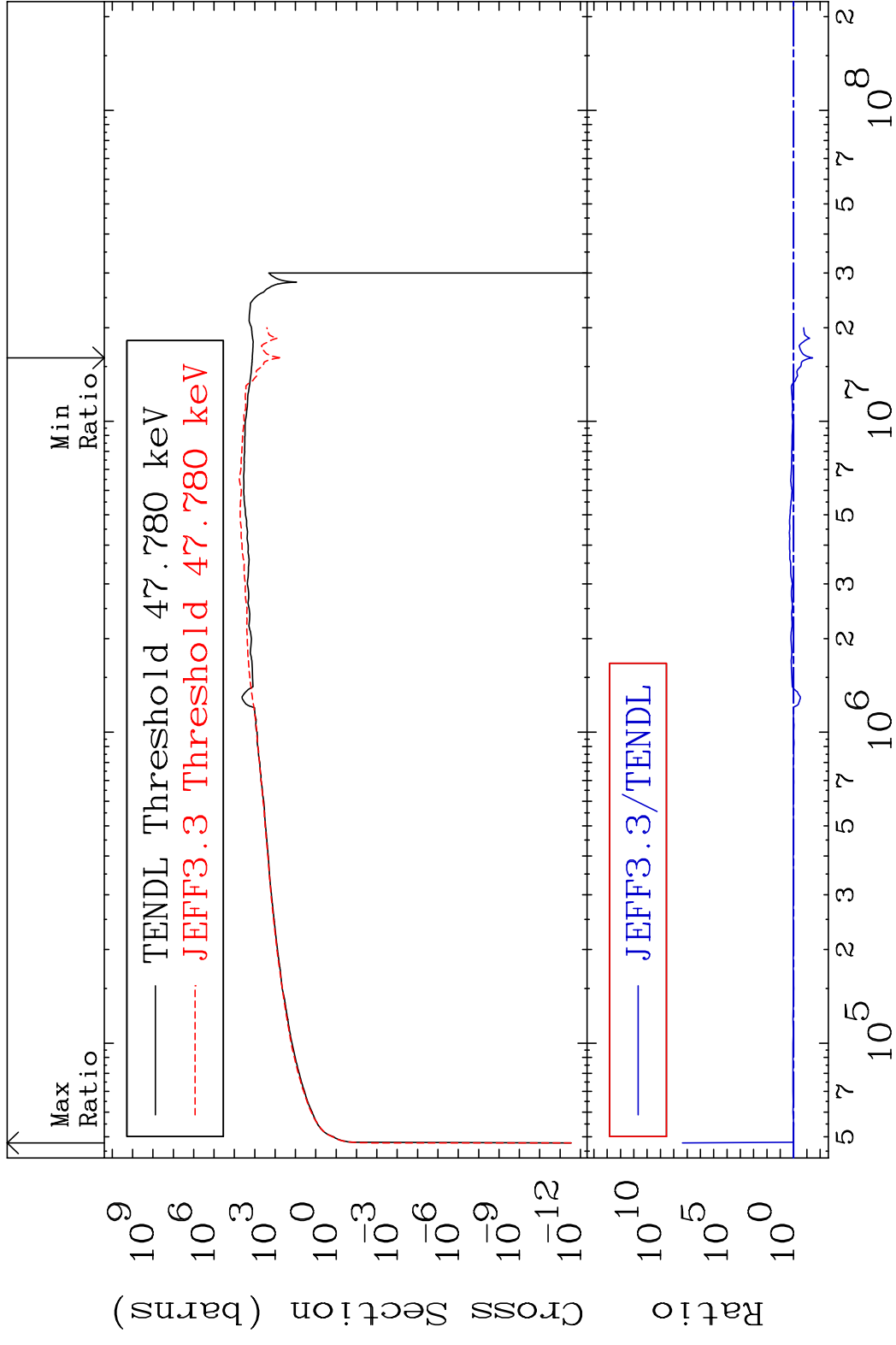
92-U -232

MAT 9219 Kerma non-elastic (all but mt2) 92-U -232
 Cross Section -97.17 To 1000. %

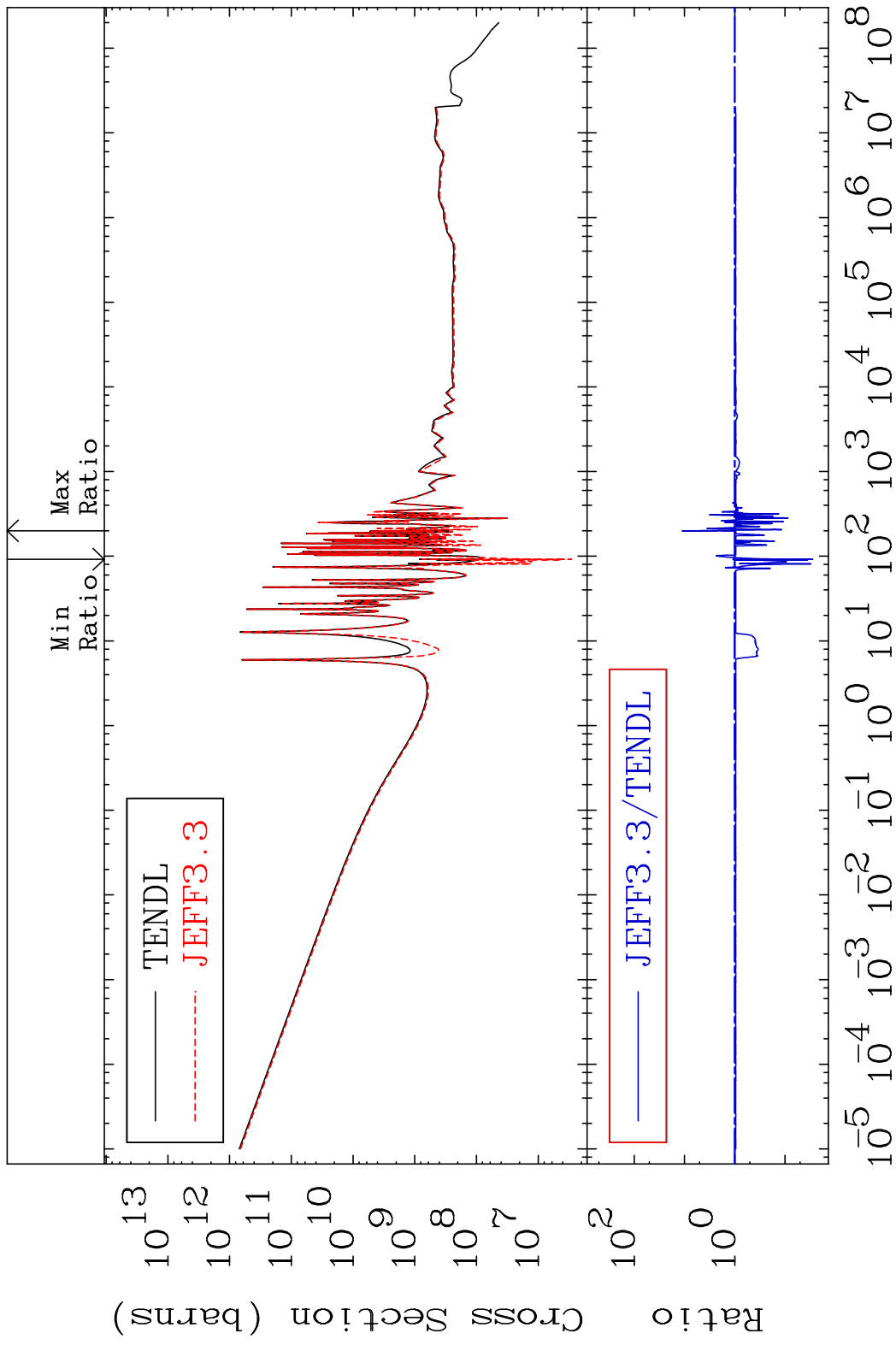


32 Incident Energy (eV) 92-U -232

MAT 9219 Kerma inelastic (mt51-91) 92-U -232
 Cross Section -96.26 To 9999. %

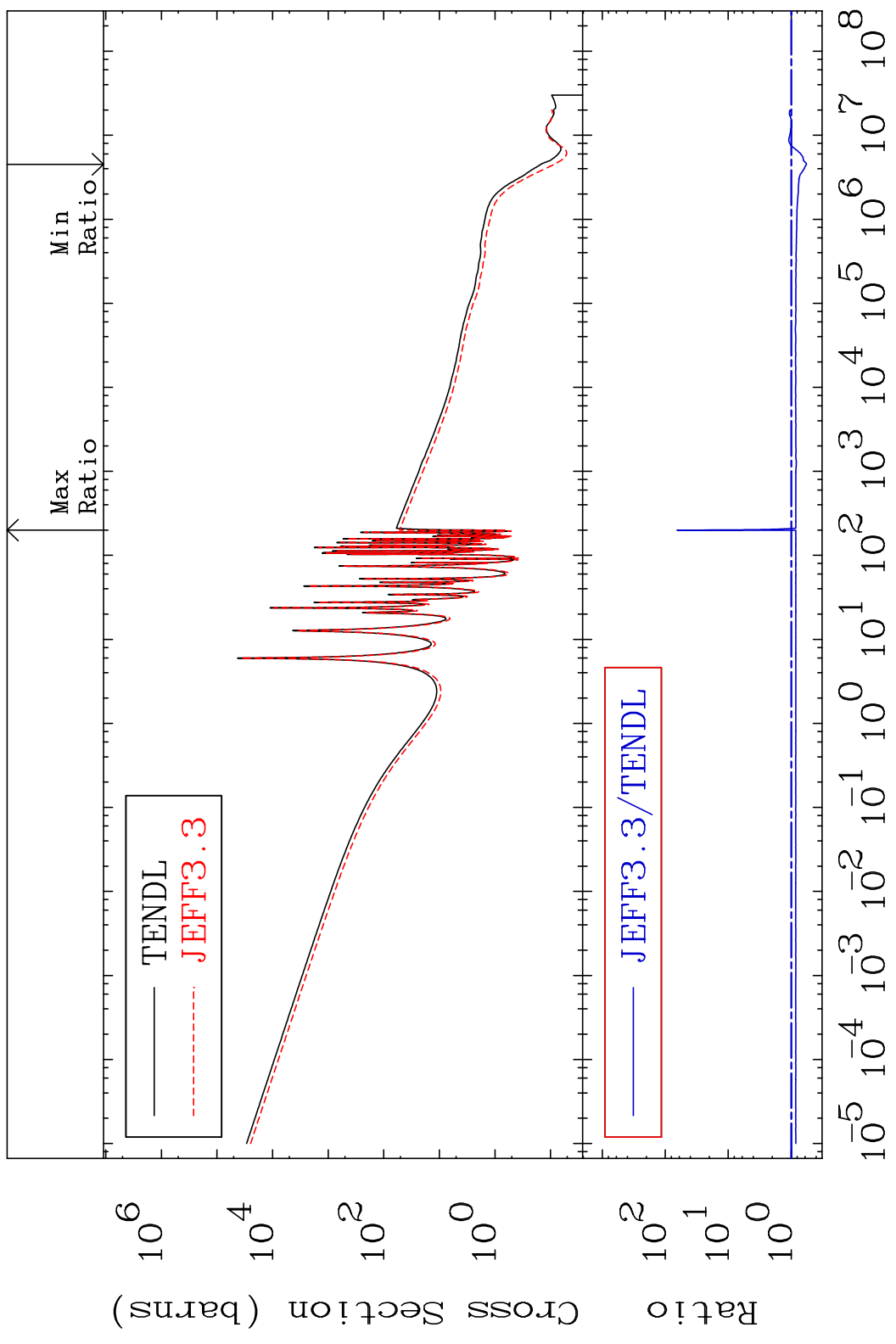


MAT 9219 Kerma fission (mt18 or mt19-20-21-38) 92-U -232
 Cross Section -97.17 To 1000. %



MAT 9219

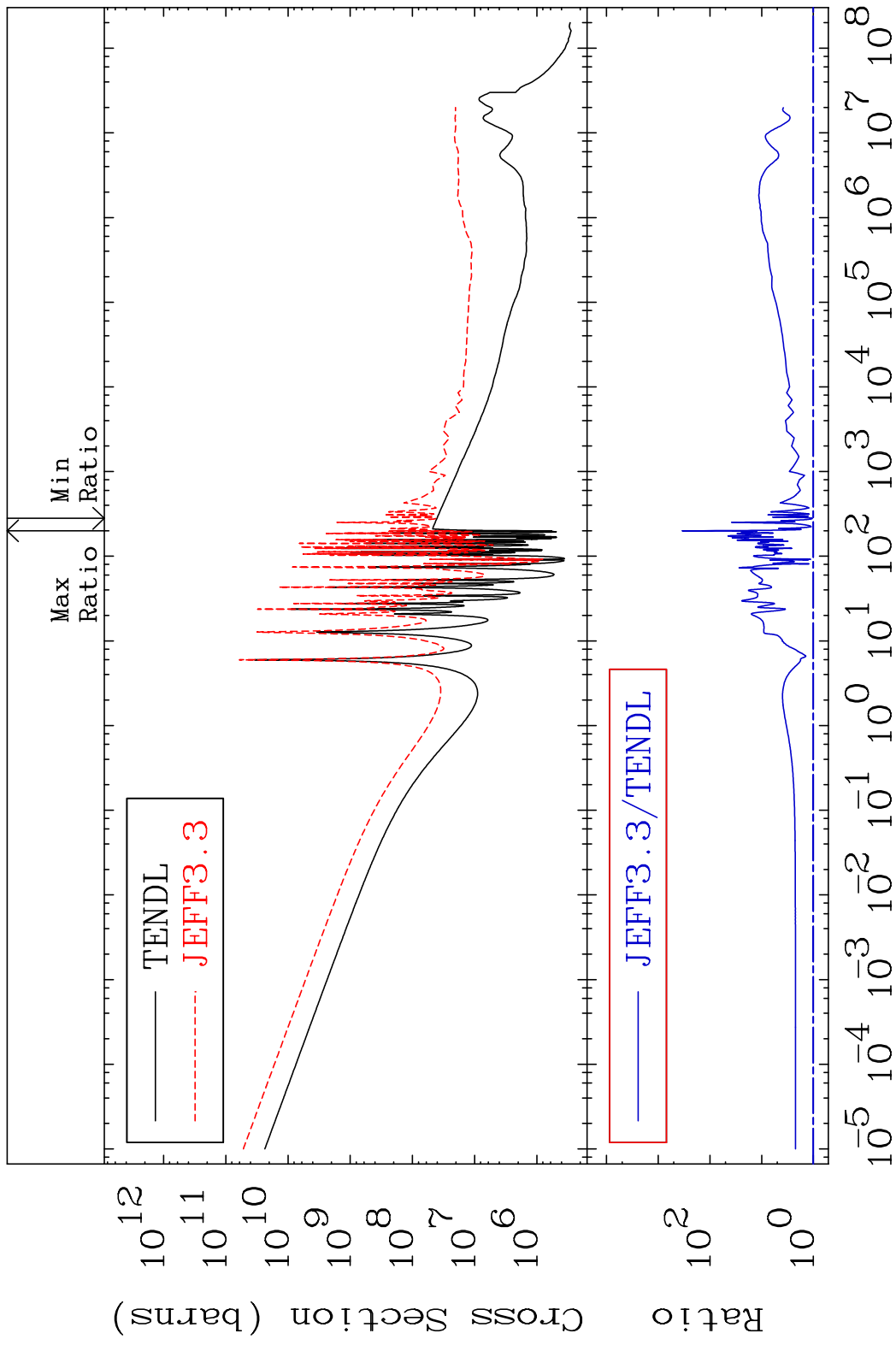
Kerma capture (mt102) 92-U -232
Cross Section -42.70 To 6370. %



35

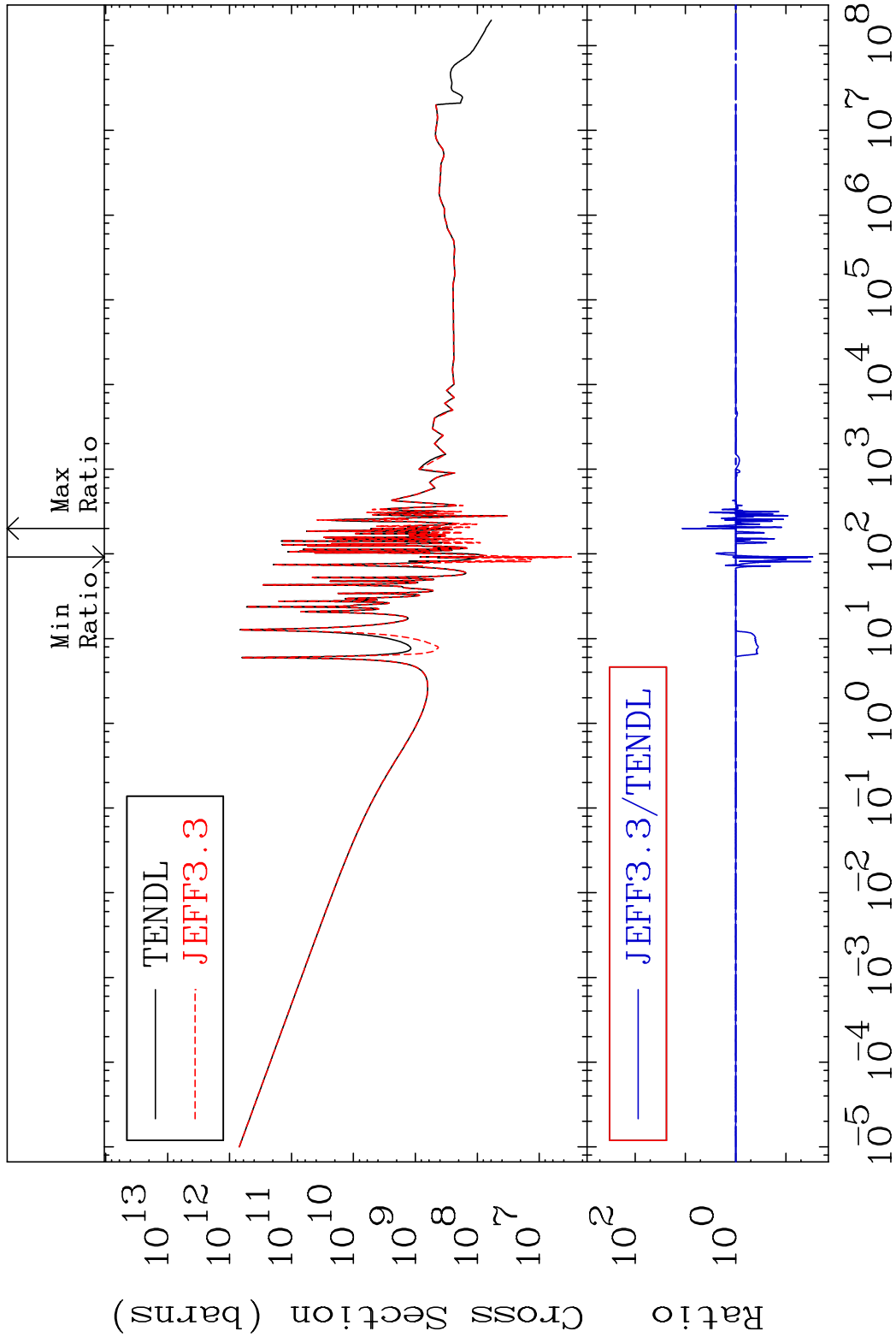
Incident Energy (eV) 92-U -232

MAT 9219 Total photon (eV-barns) 92-U -232
 Cross Section 3.577 To 9999. %



36 Incident Energy (eV) 92-U -232

MAT 9219 Total kinematic kerma (high limit) 92-U -232
 Cross Section -97.05 To 1048. %

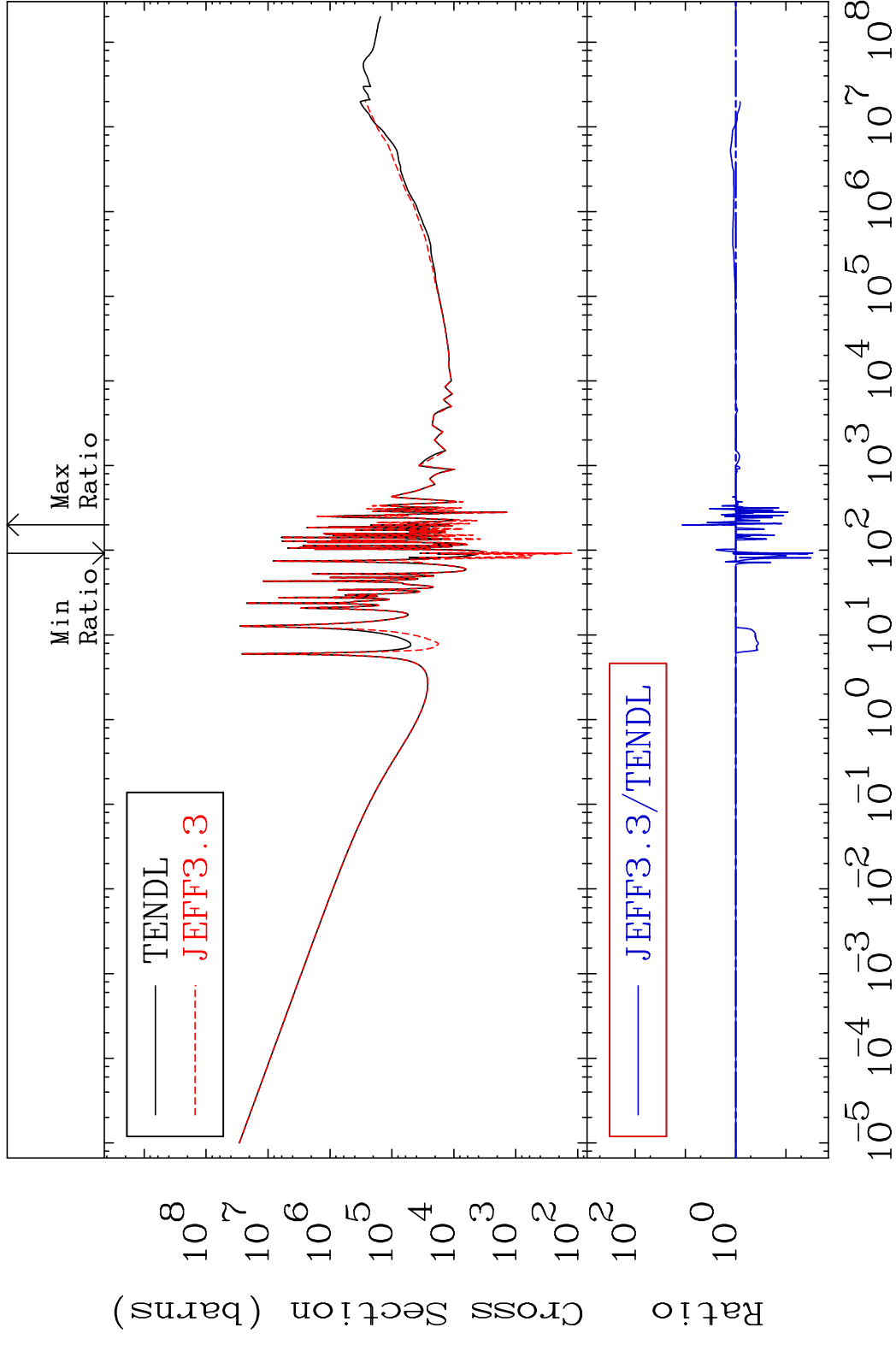


MAT 9219

Dpa total (eV-barns)

92-U -232

Cross Section -97.04 To 1050. %

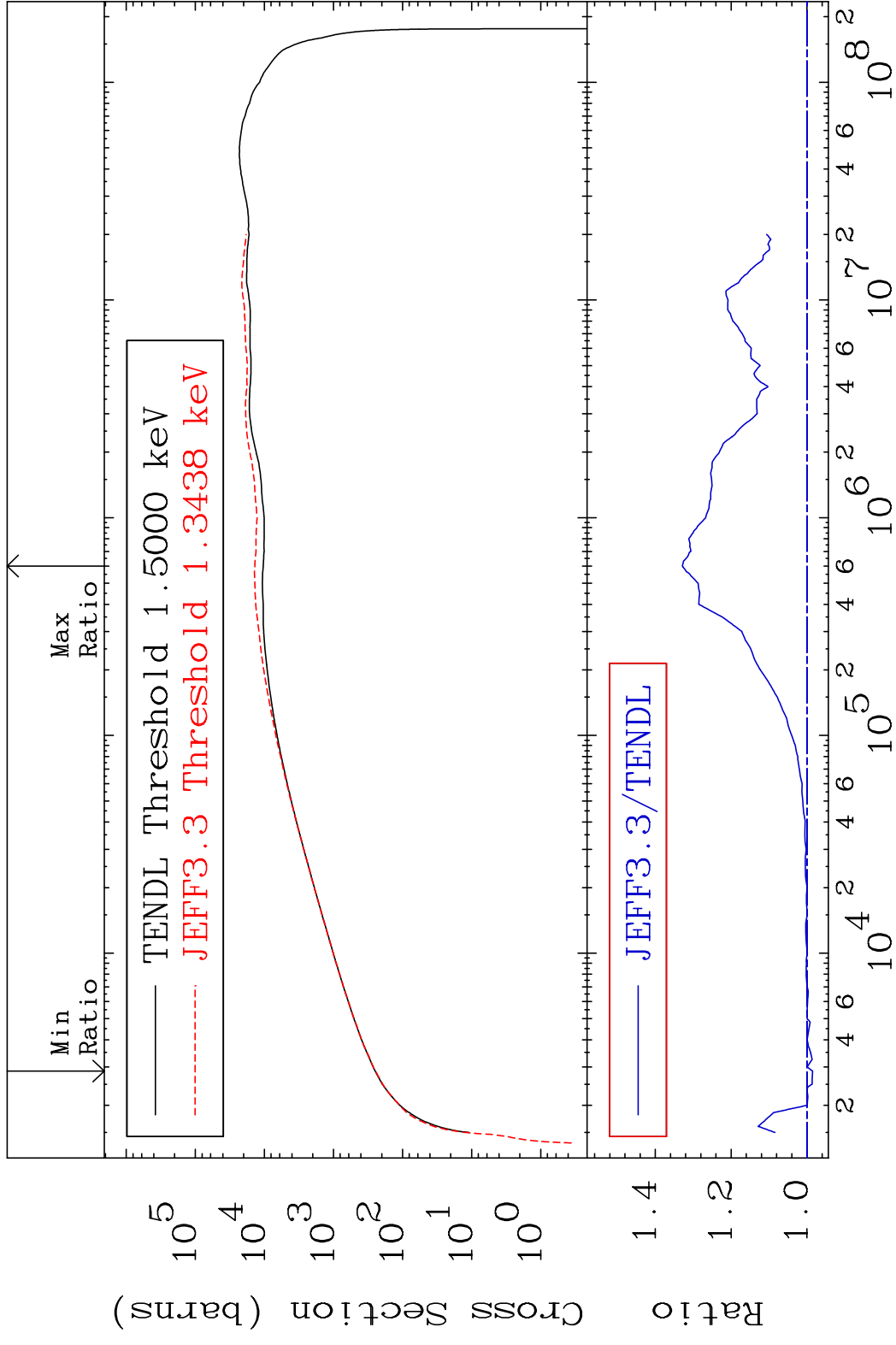


MAT 9219

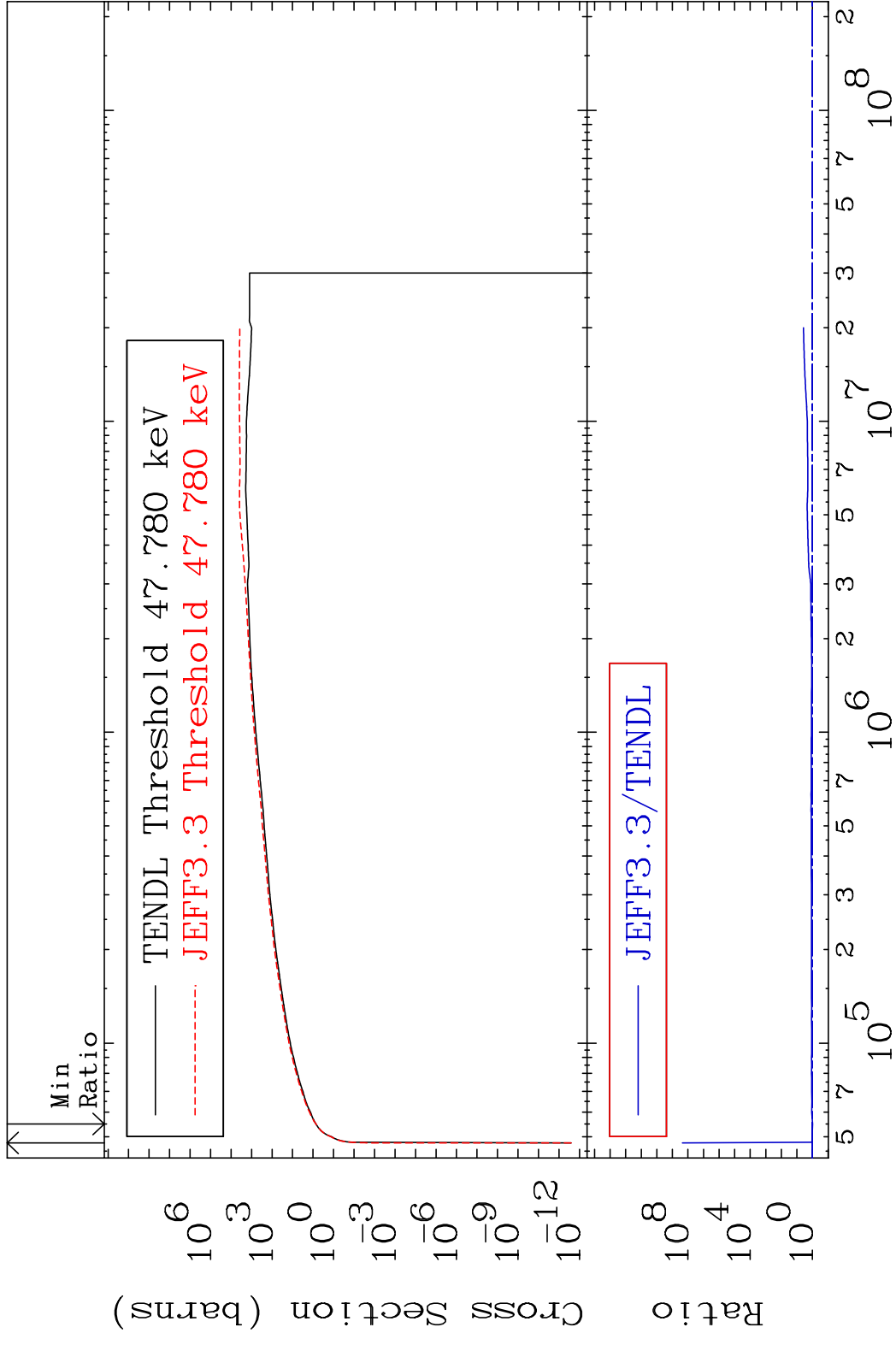
Dpa elastic (mt2)

92-U -232

Cross Section -1.468 To 32.87 %



MAT 9219 Dpa inelastic (mt51-91) 92-U -232
 Cross Section -1.093 To 9999. %



MAT 9219 Dpa disappearance (mt102 -120) 92-U -232
 Cross Section -100.0 To 6103. %

