

Program Complot
(Version 2018-1)

by

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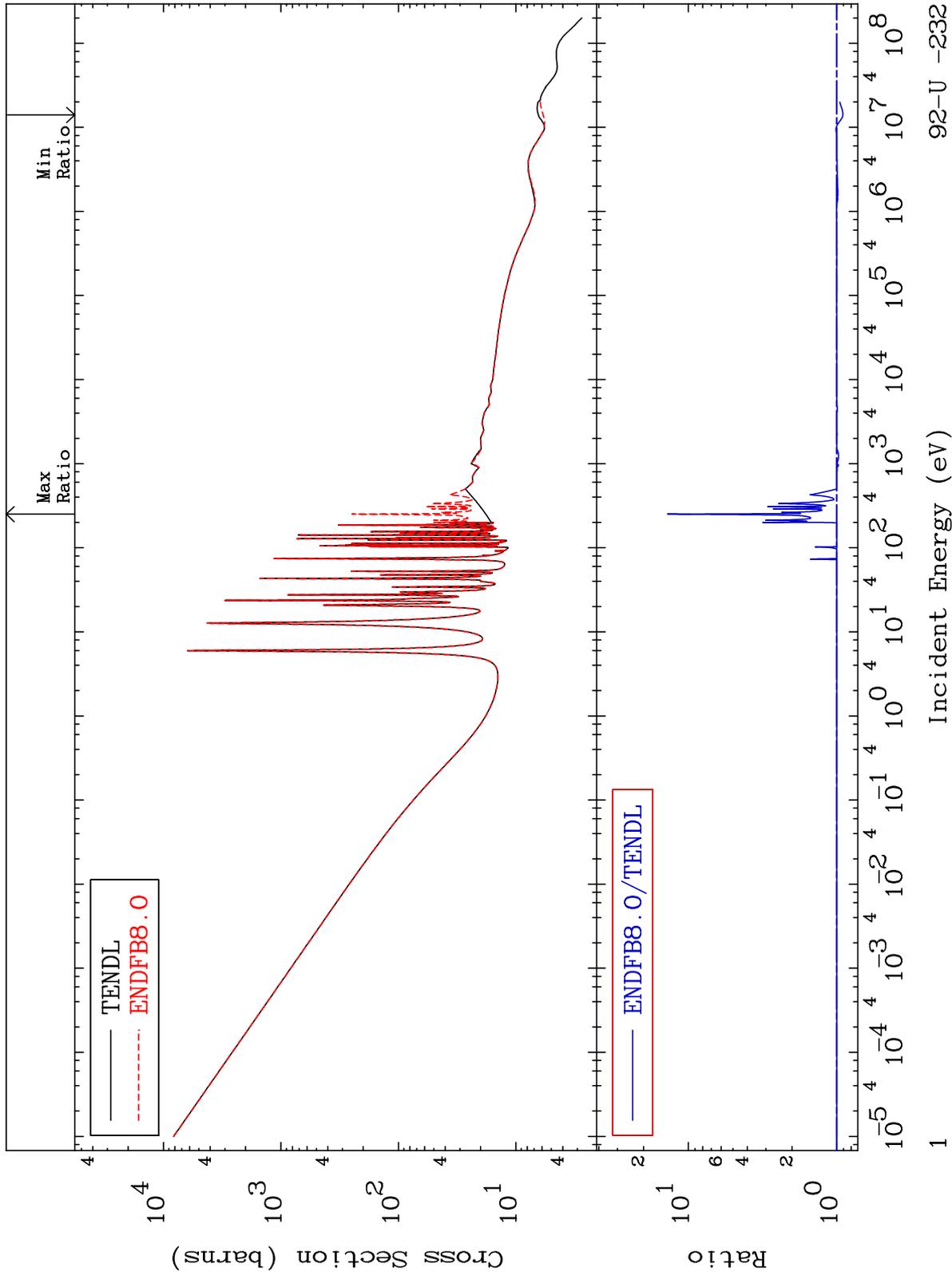
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9219

Total
Cross Section

92-U -232
-9.042 To 1277. %



92-U -232

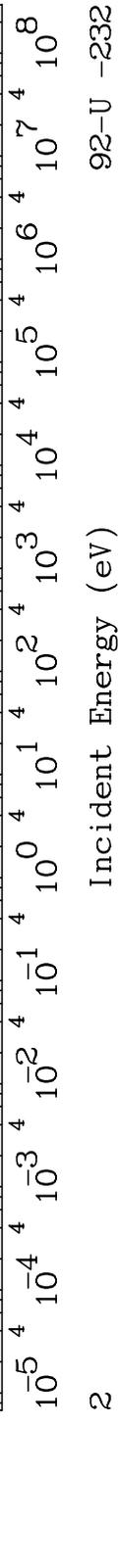
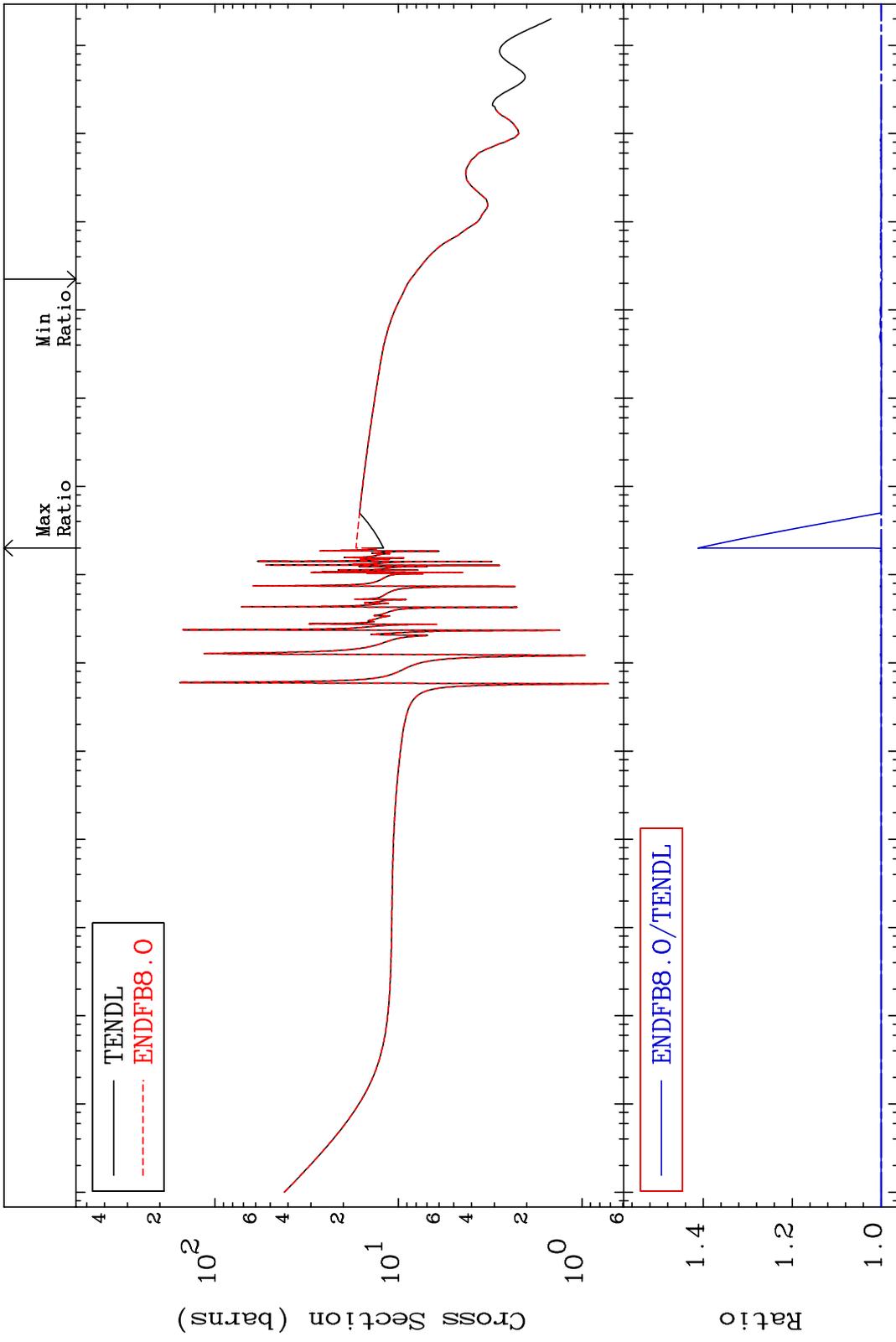
MAT 9219

Elastic

92-U -232

Cross Section

-0.201 To 41.14 %



Incident Energy (eV)

92-U -232

2

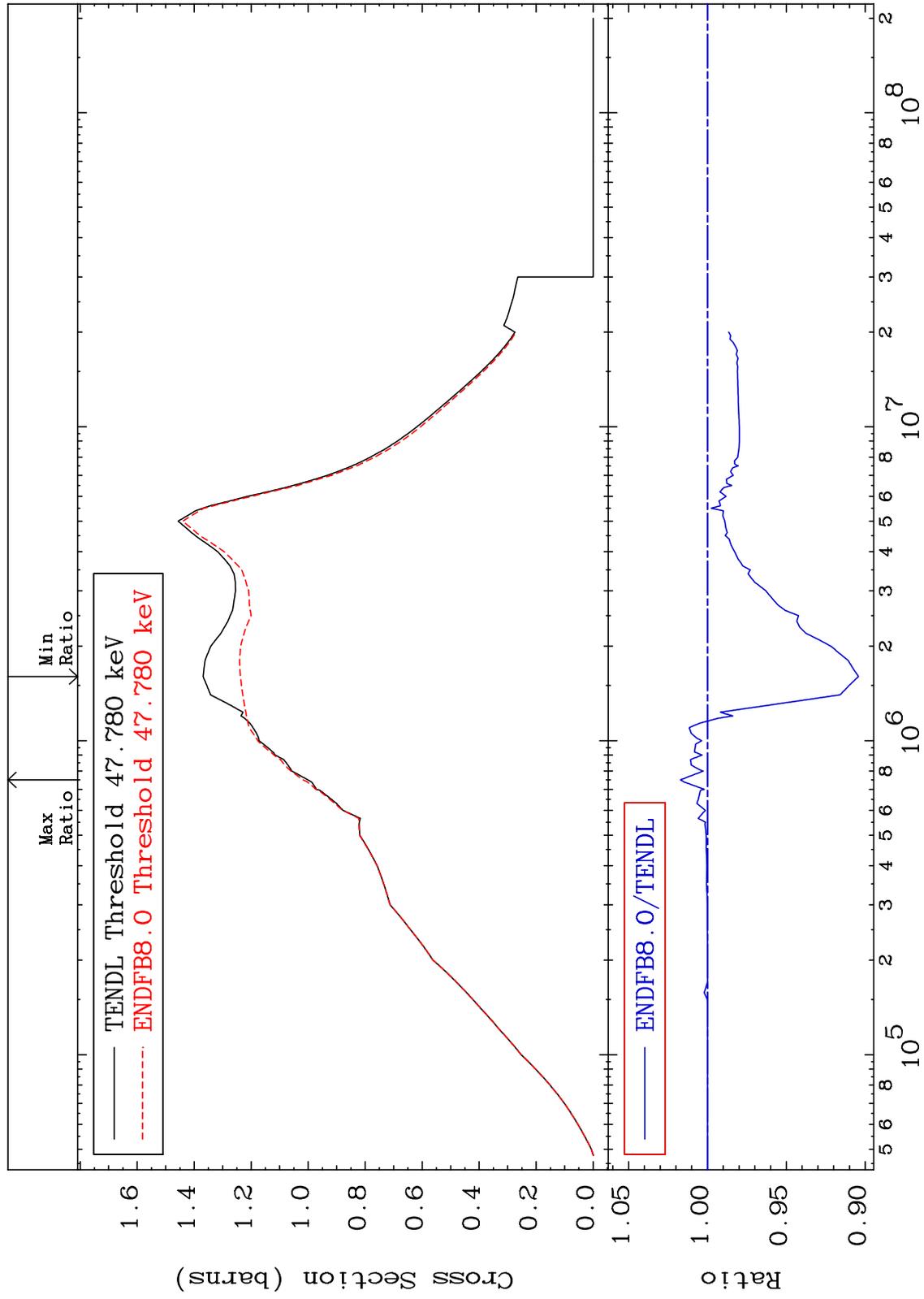
MAT 9219

Inelastic

92-U -232

Cross Section

-9.574 To 1.720 %



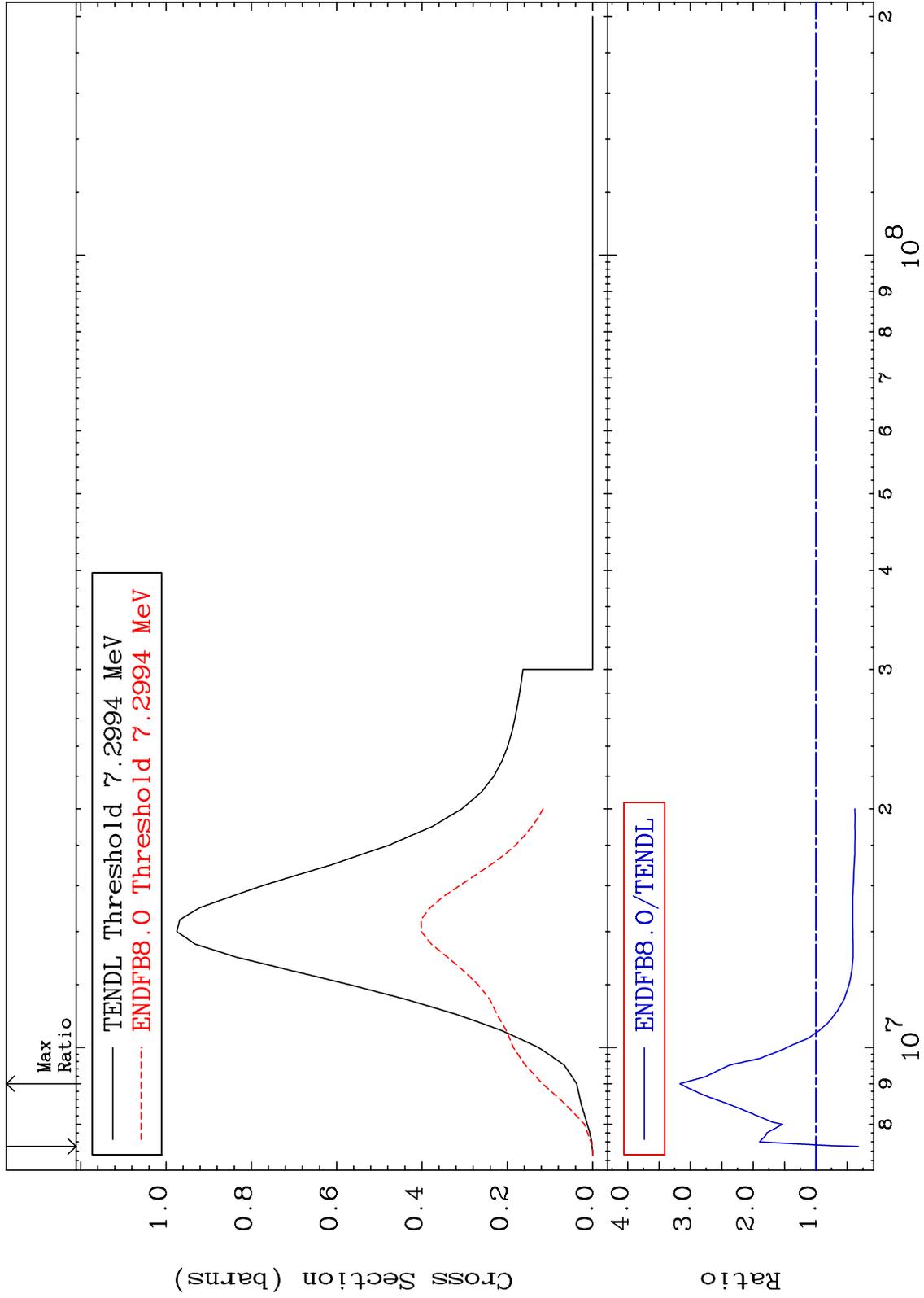
MAT 9219

(n, 2n)

92-U -232

Cross Section

-67.74 To 216.7 %



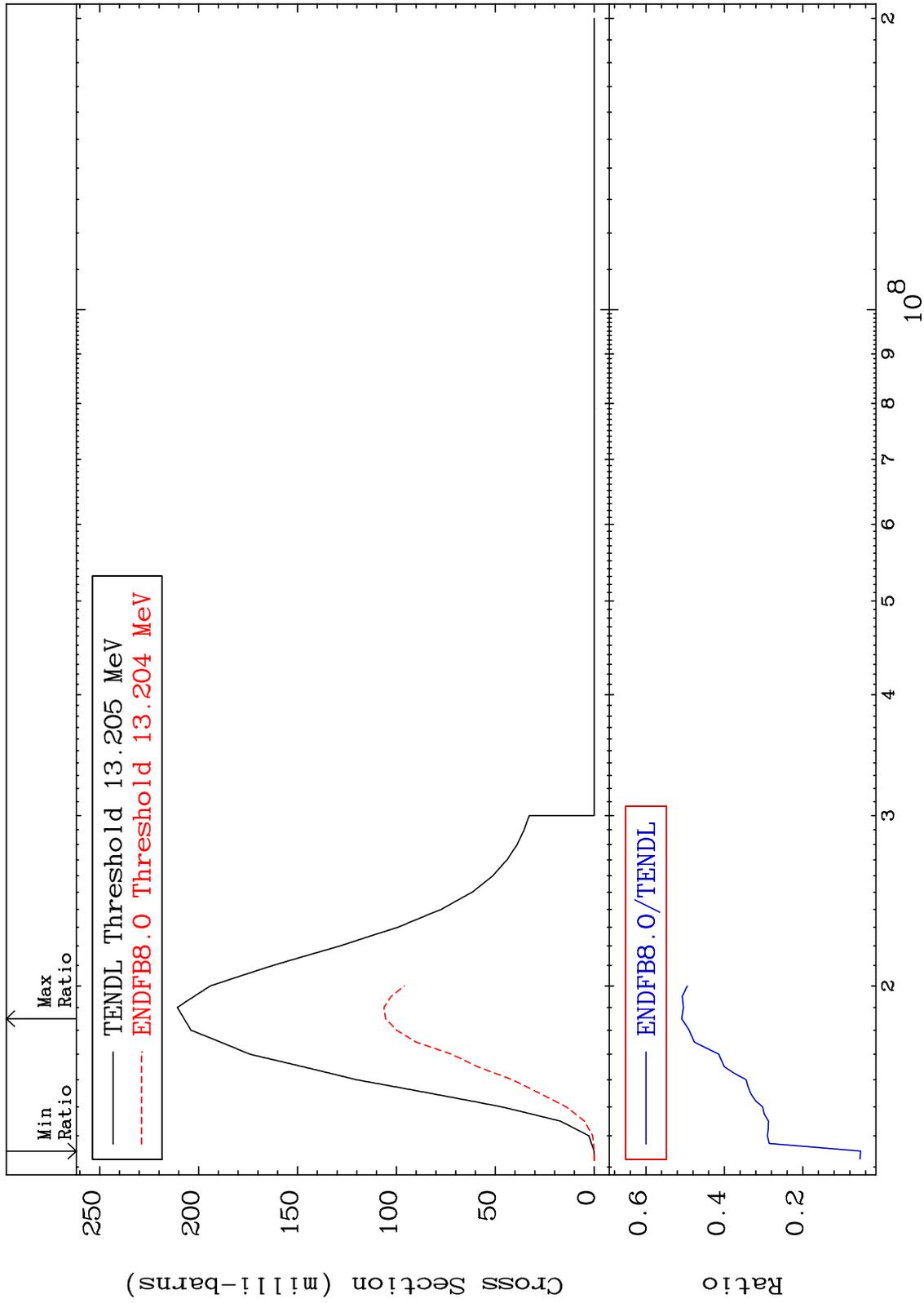
MAT 9219

(n, 3n)

92-U -232

Cross Section

-94.76 To -49.14%



5

92-U -232

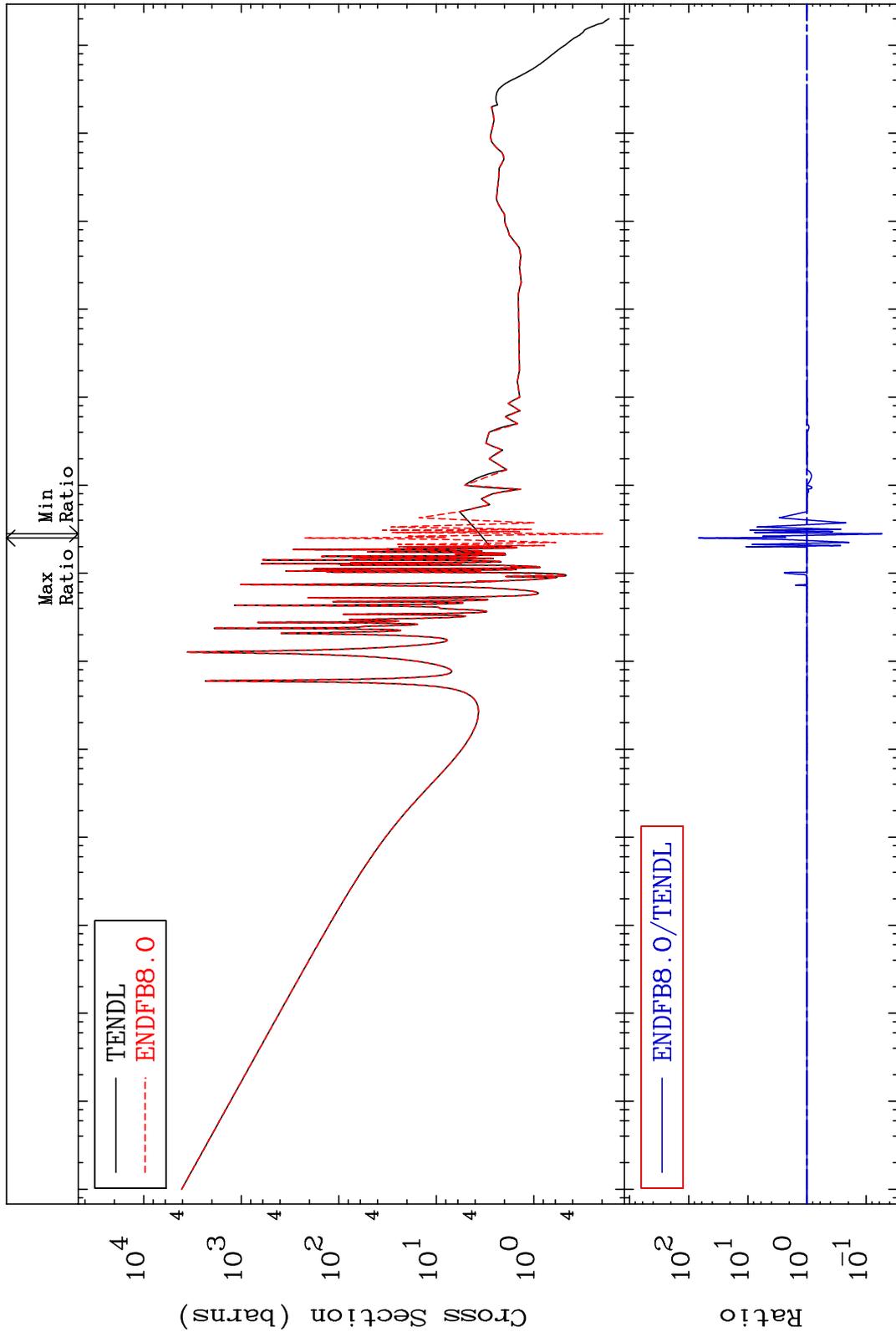
MAT 9219

Fission

92-U -232

Cross Section

-94.61 To 6676. %

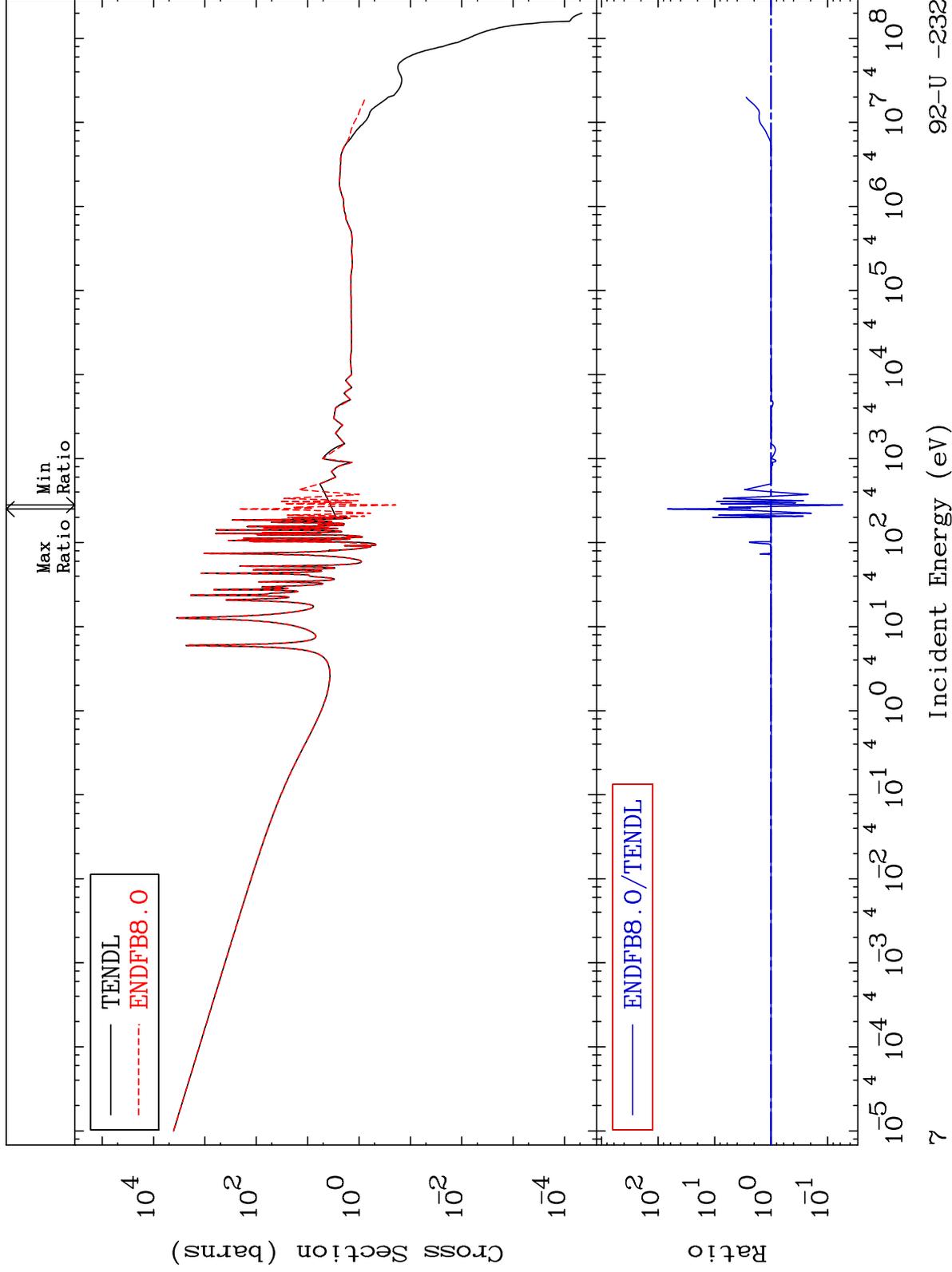


Incident Energy (eV) 92-U -232

MAT 9219

(n,f) First Chance
Cross Section

92-U -232
-94.61 To 6676. %



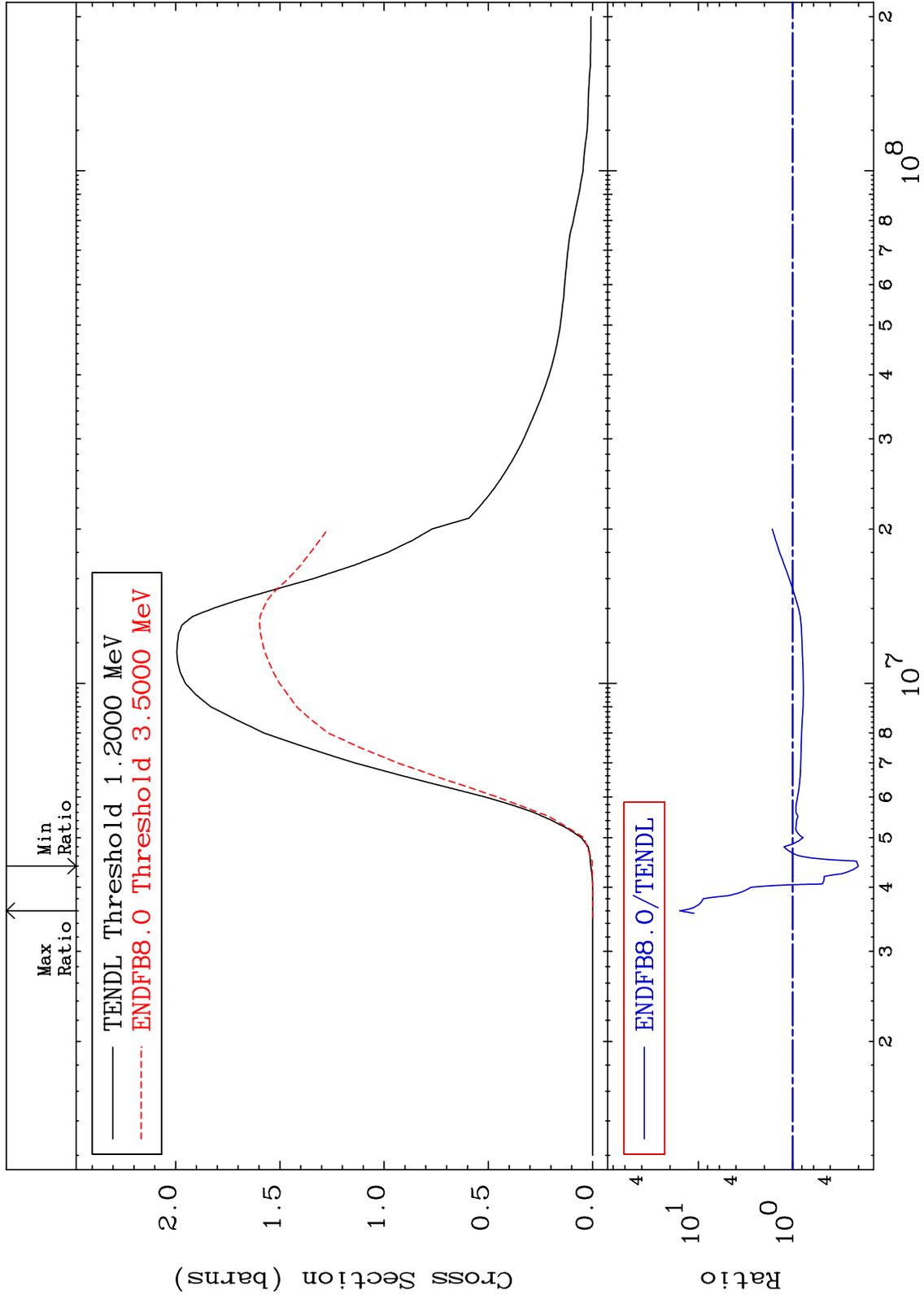
92-U -232

7

MAT 9219

(n, nf) Second Chance
Cross Section

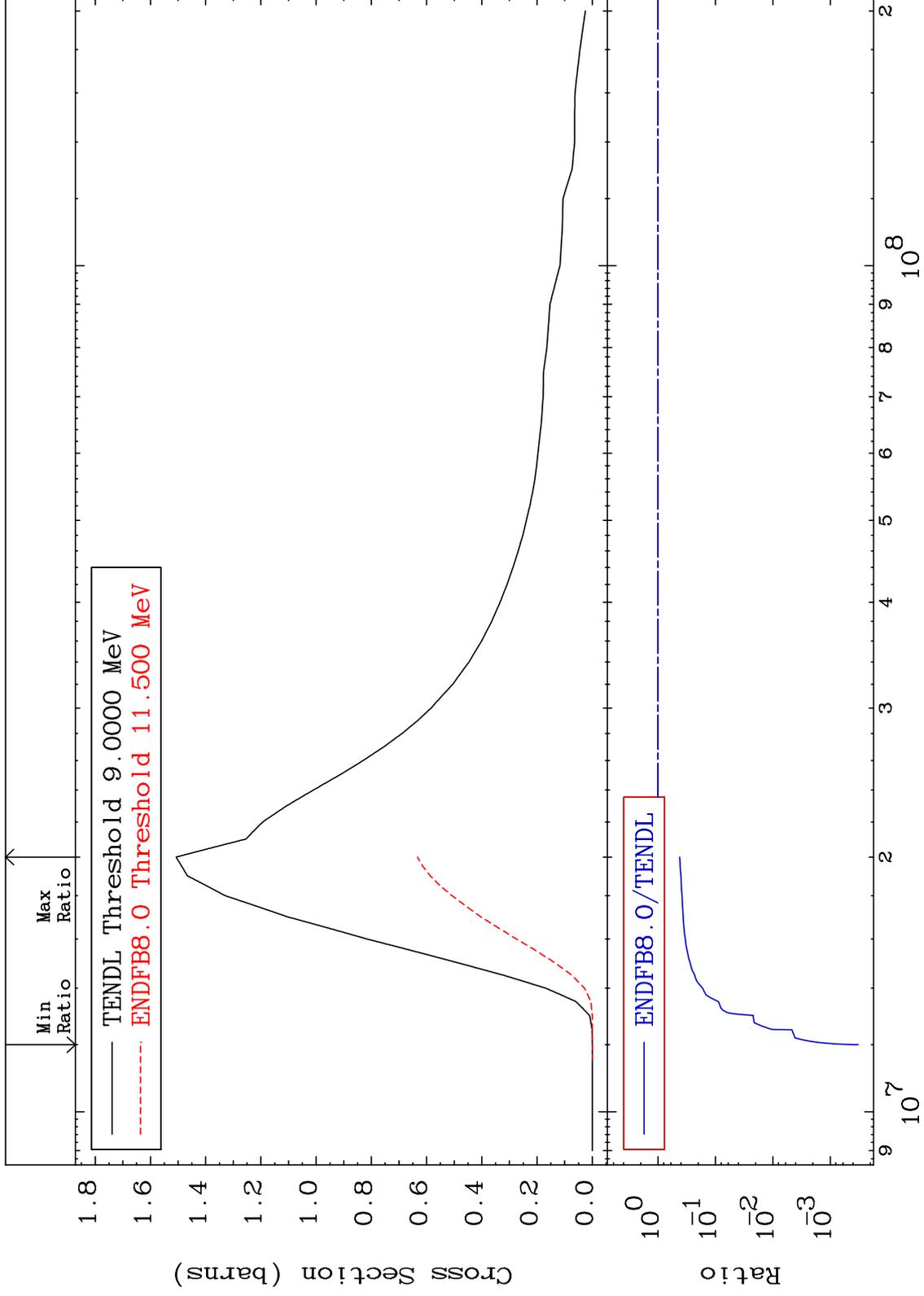
92-U -232
-79.93 To 1468. %



MAT 9219

(n,2nf) Third Chance
Cross Section

92-U -232
-99.97 To -57.97%



9

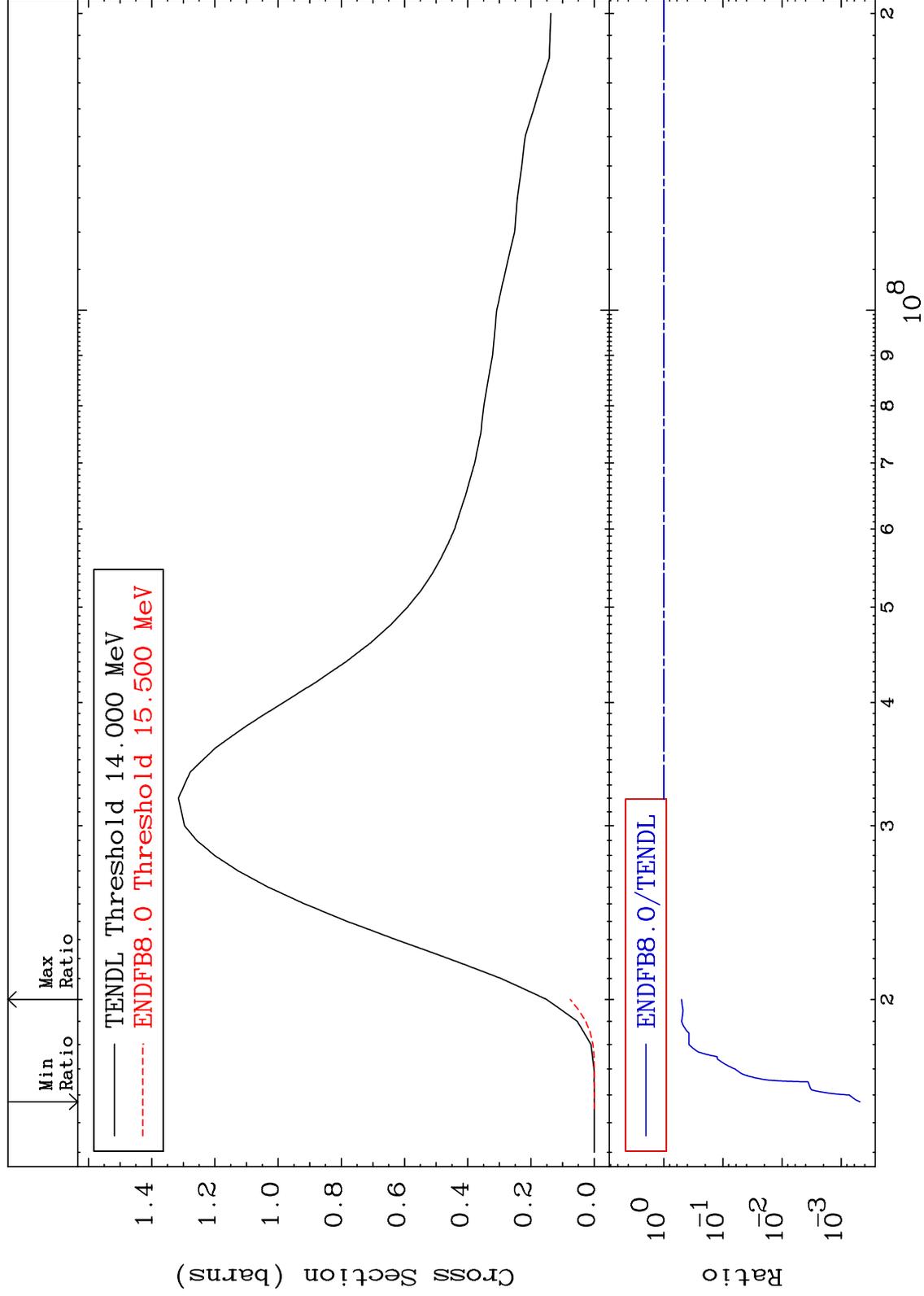
Incident Energy (eV)

92-U -232

MAT 9219

(n,3nf) Fourth Chance
Cross Section

92-U -232
-99.95 To -49.77%



10

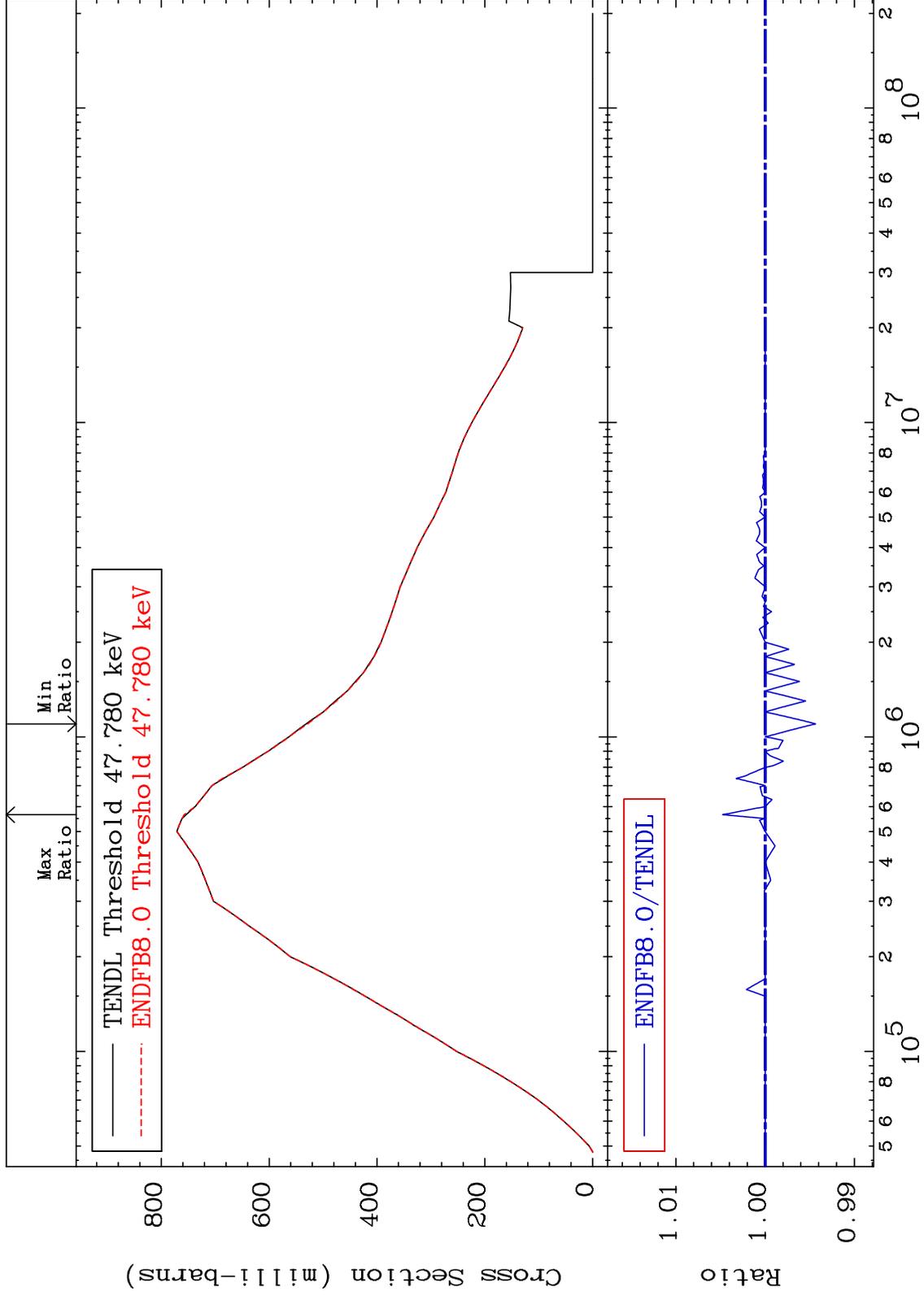
Incident Energy (eV)

92-U -232

MAT 9219

MT= 51 (n,n') Level
Cross Section

92-U -232
-0.566 To 0.475 %



11

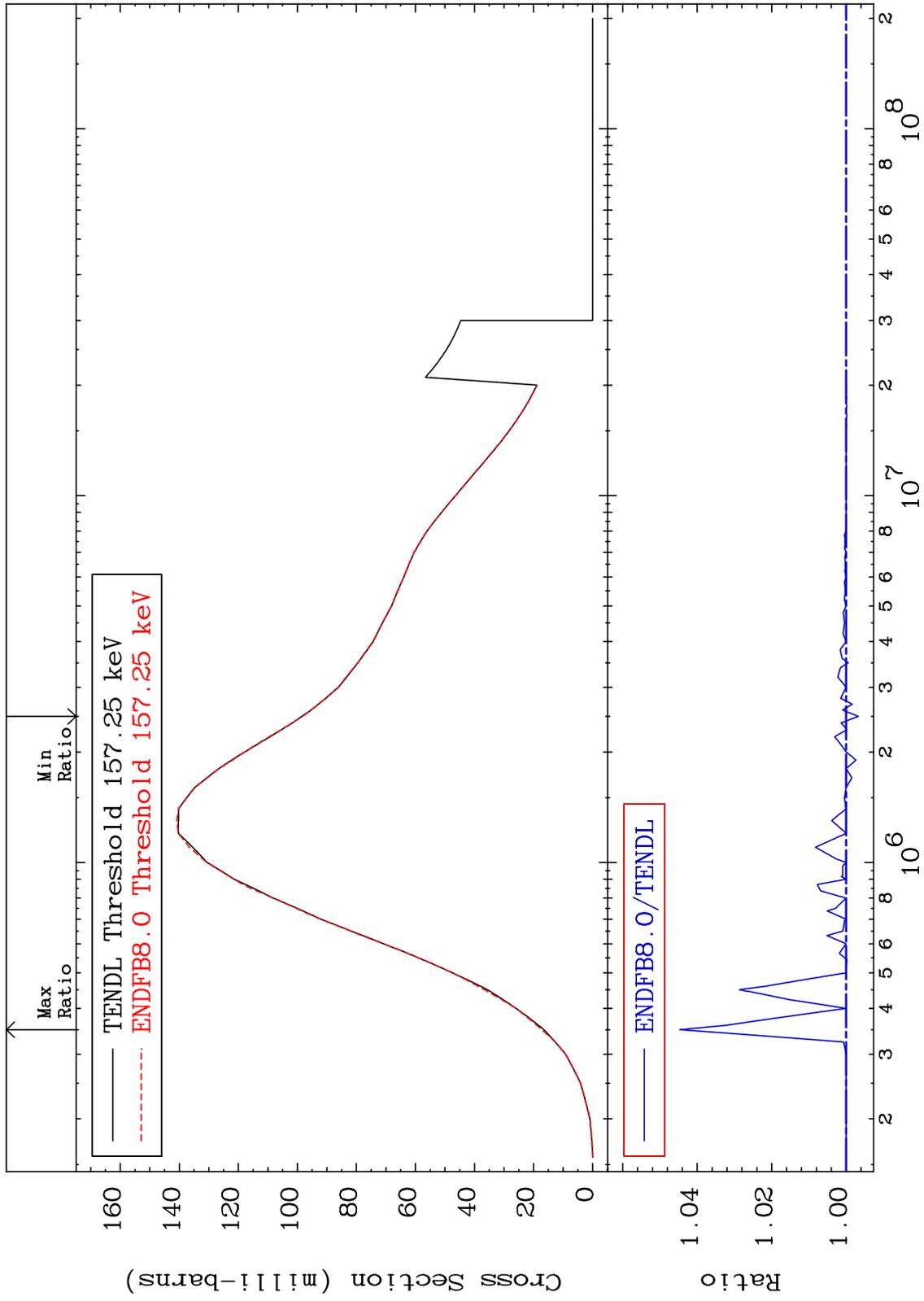
Incident Energy (eV)

92-U -232

MAT 9219

MT= 52 (n,n') Level
Cross Section

92-U -232
-0.328 To 4.464 %



12

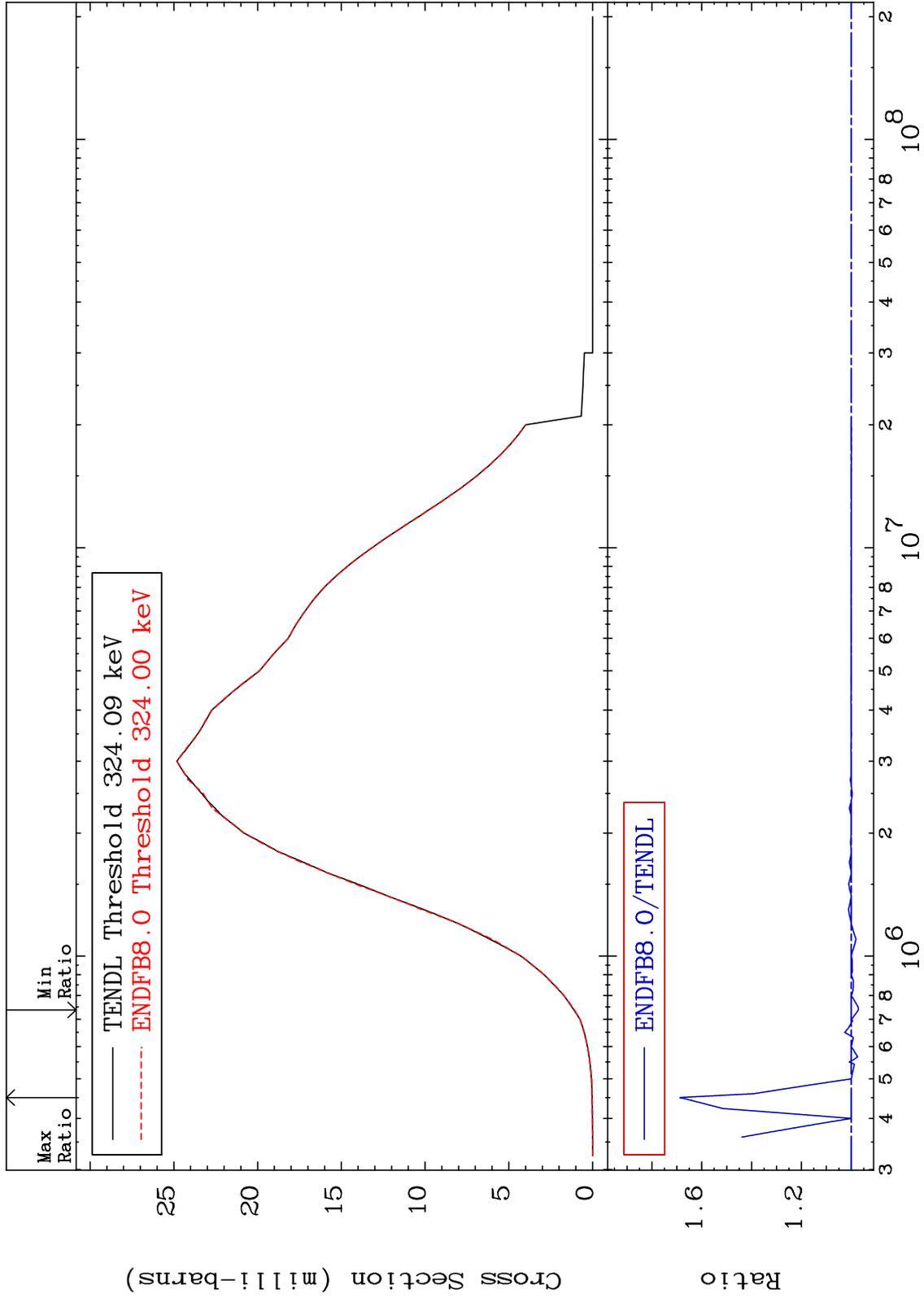
Incident Energy (eV)

92-U -232

MAT 9219

MT= 53 (n,n') Level
Cross Section

92-U -232
-2.843 To 68.75 %



13

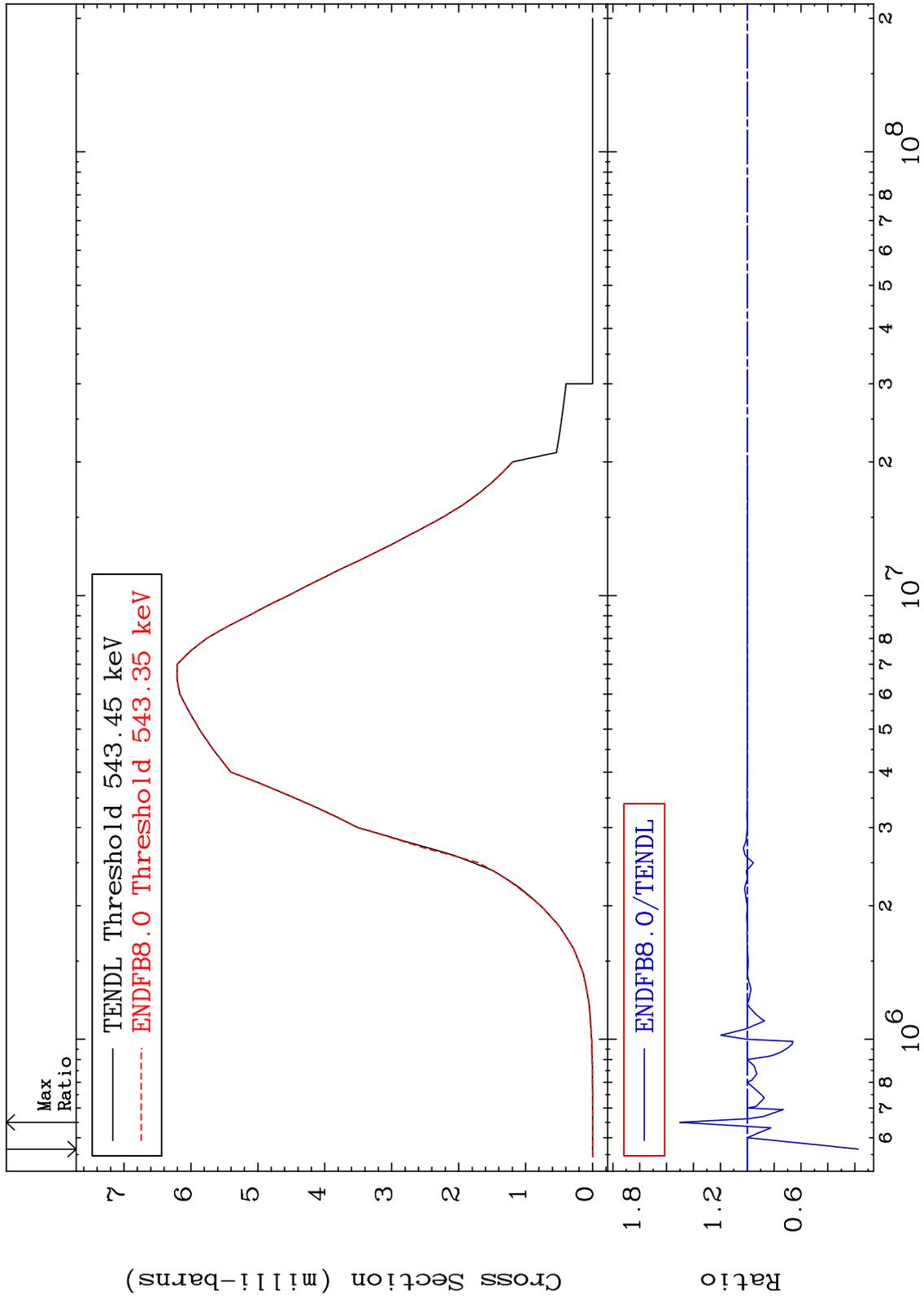
Incident Energy (eV)

92-U -232

MAT 9219

MT= 54 (n,n') Level
Cross Section

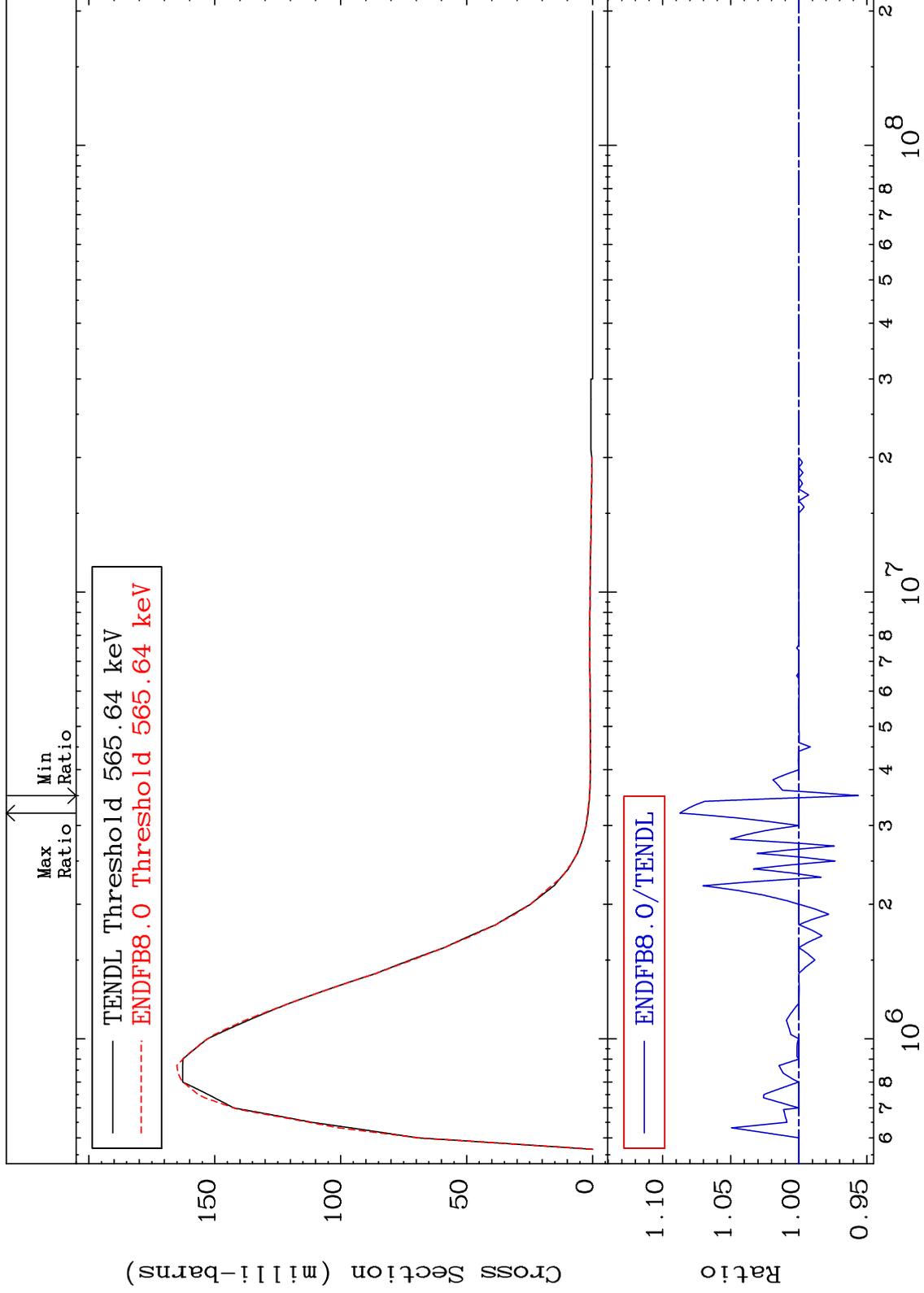
92-U -232
-82.70 To 50.08 %



MAT 9219

MT= 55 (n,n') Level
Cross Section

92-U -232
-4.375 To 8.729 %



15

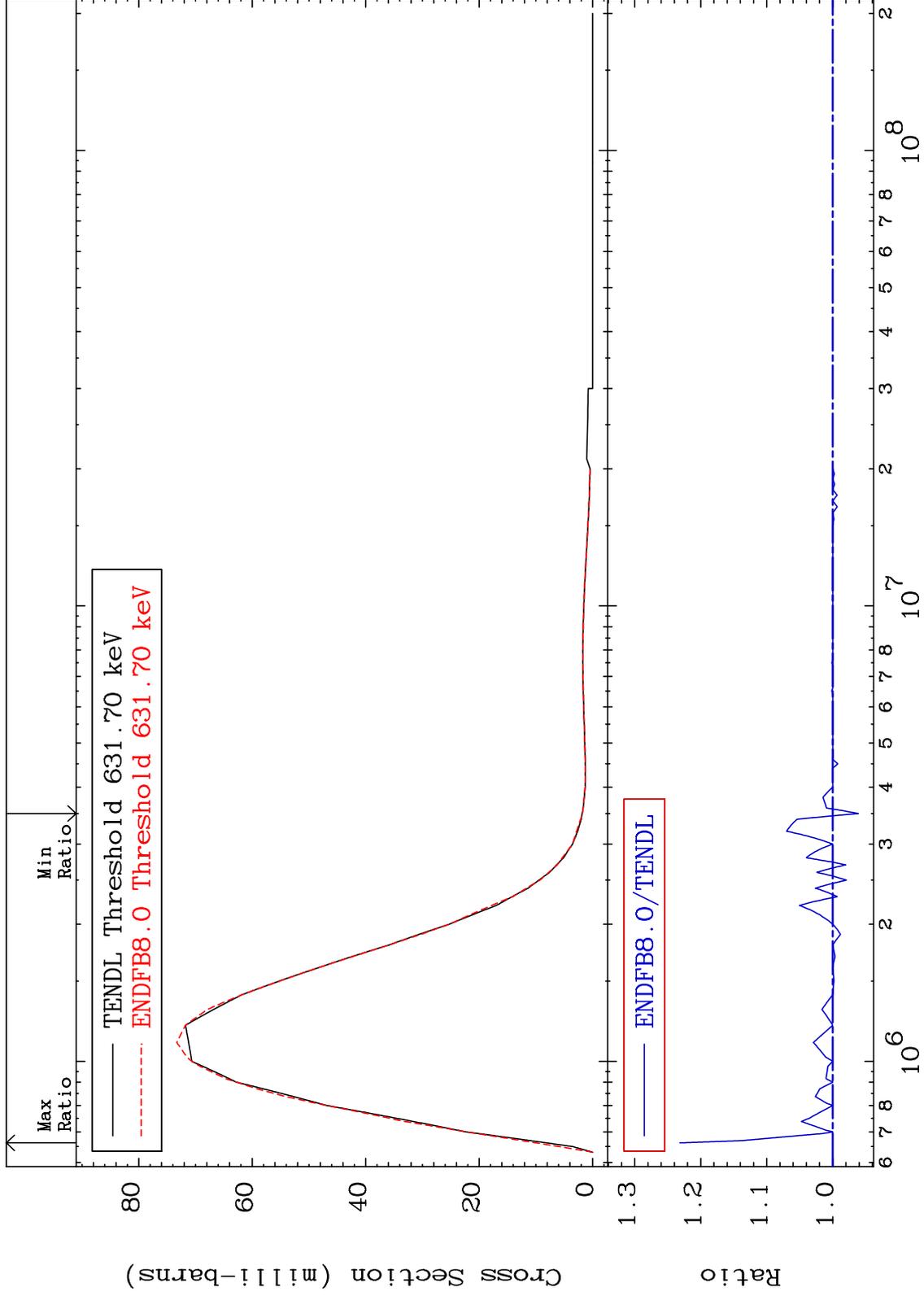
Incident Energy (eV)

92-U -232

MAT 9219

MT= 56 (n,n') Level
Cross Section

92-U -232
-3.882 To 23.15 %



16

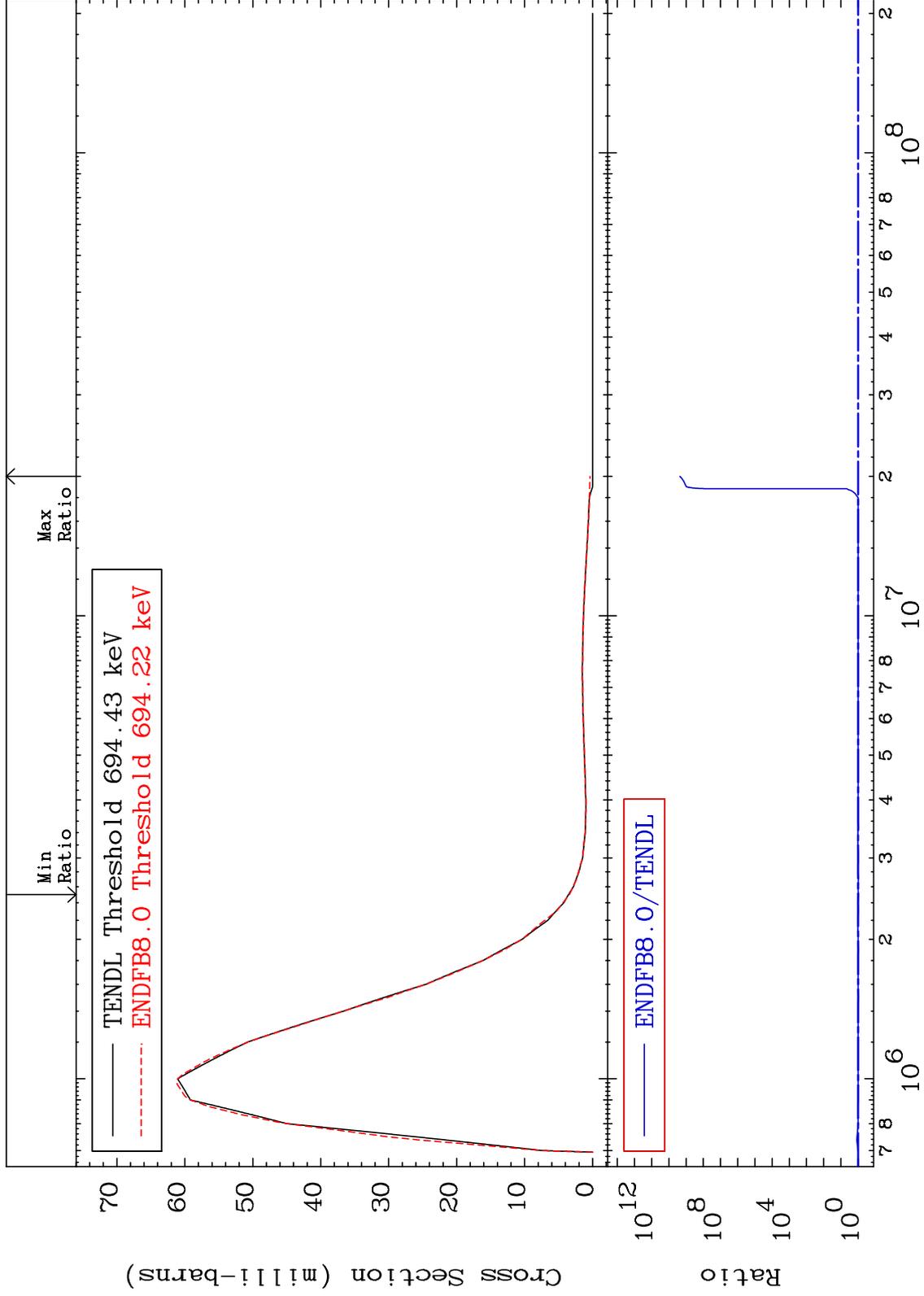
Incident Energy (eV)

92-U -232

MAT 9219

MT= 57 (n,n') Level
Cross Section

92-U -232
-3.606 To 9999. %



17

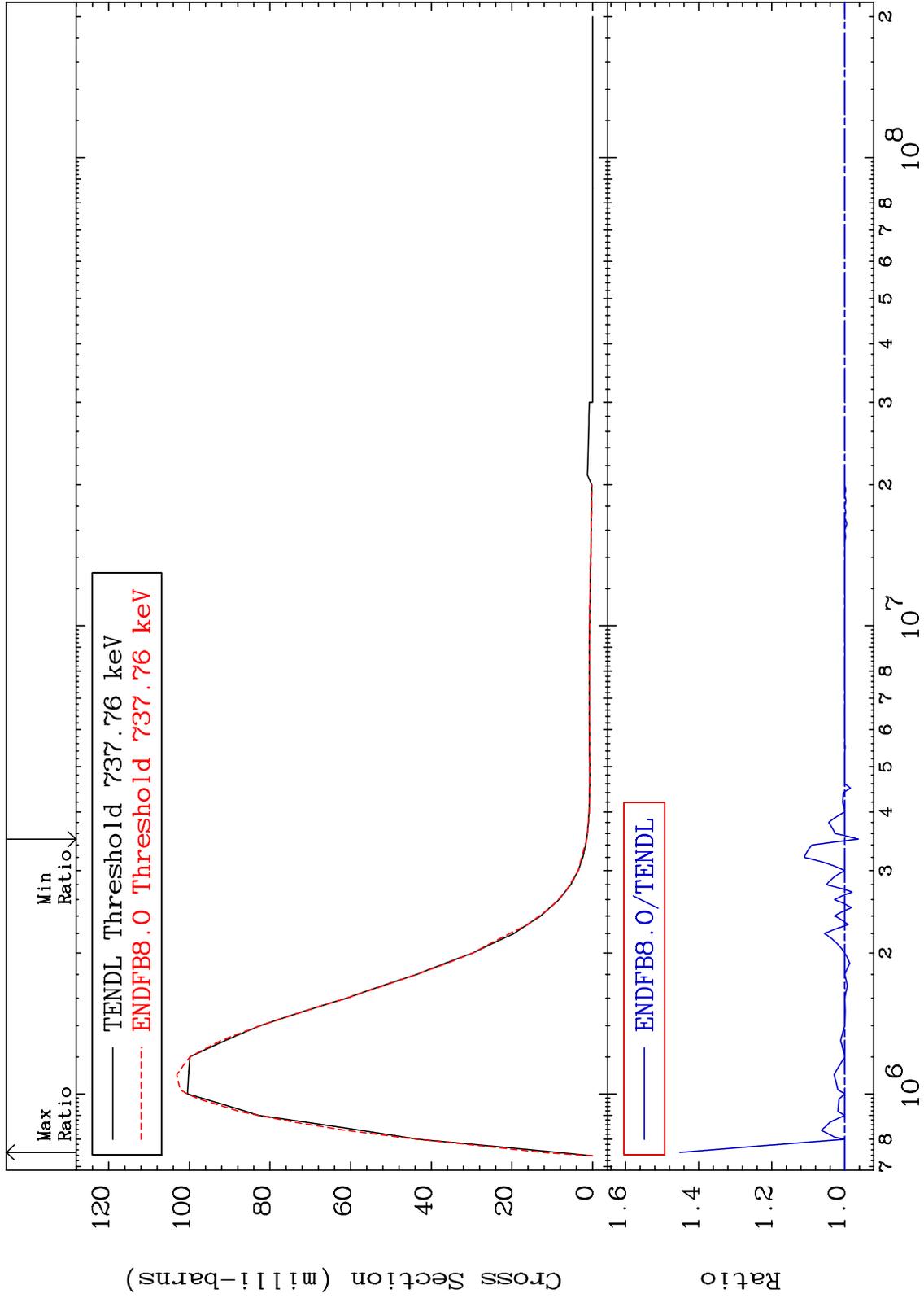
Incident Energy (eV)

92-U -232

MAT 9219

MT= 58 (n,n') Level
Cross Section

92-U -232
-3.720 To 45.12 %



18

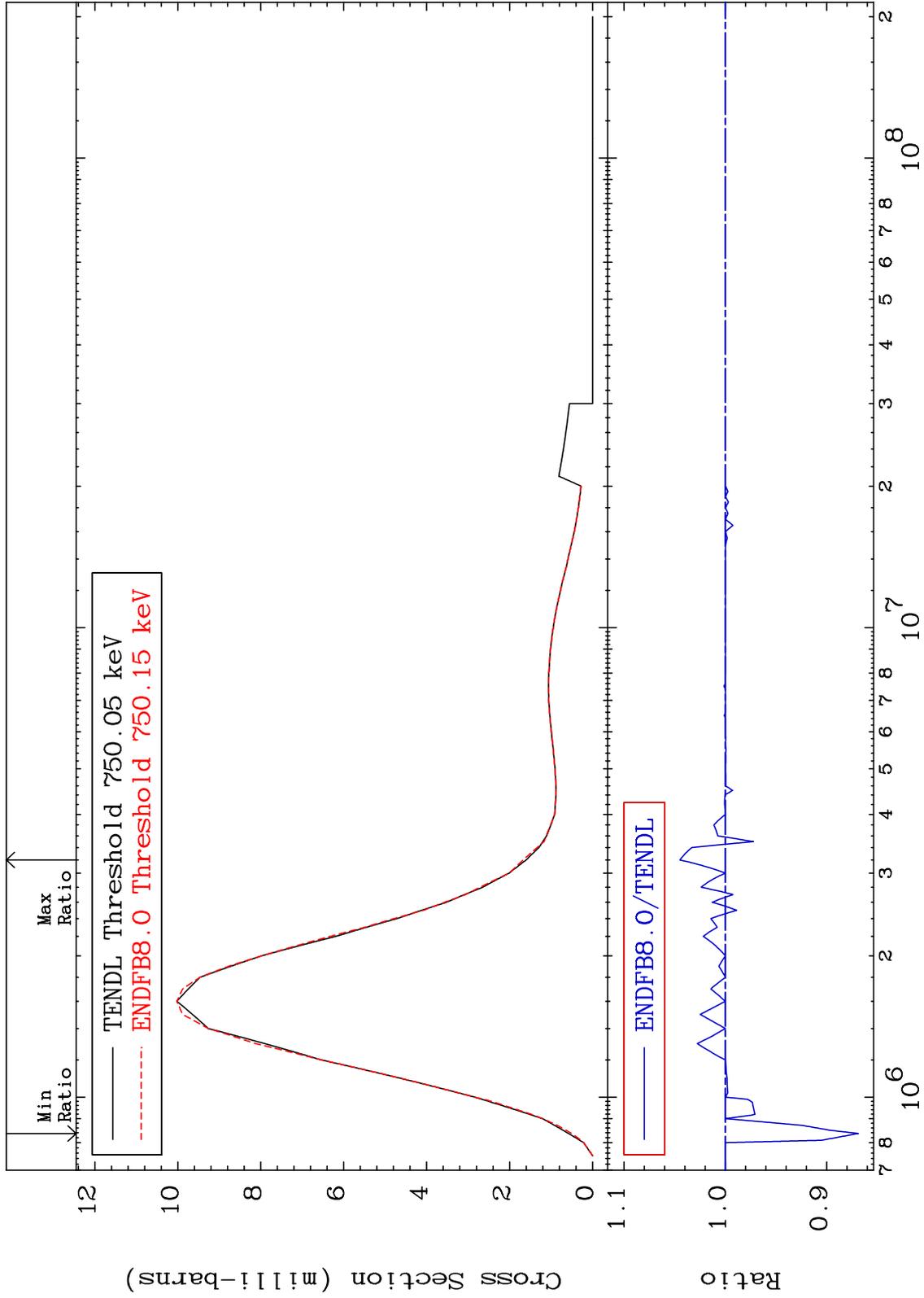
Incident Energy (eV)

92-U -232

MAT 9219

MT= 59 (n,n') Level
Cross Section

92-U -232
-13.13 To 4.485 %



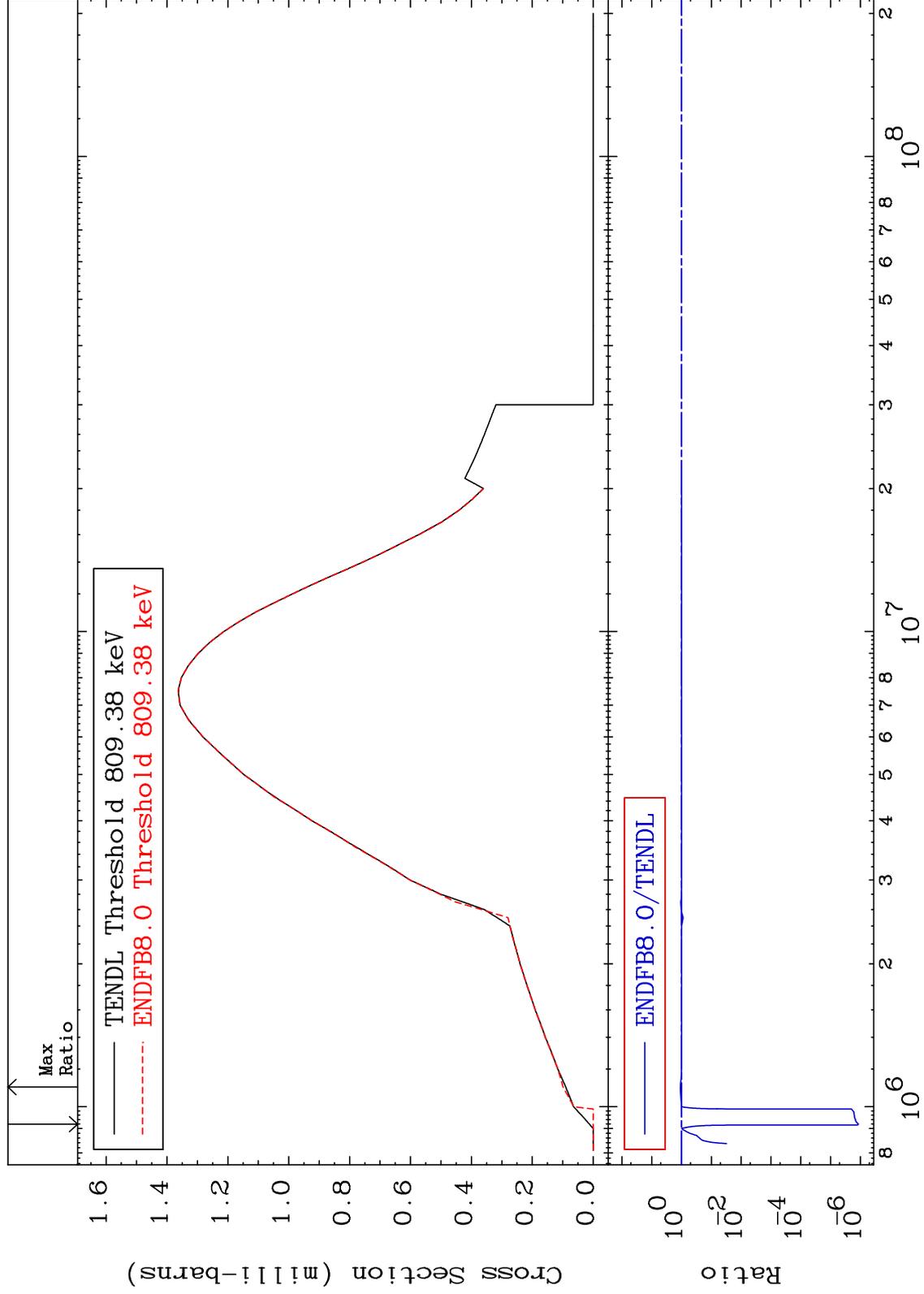
19

92-U -232

MAT 9219

MT= 60 (n,n') Level
Cross Section

92-U -232
-100.0 To 9.559 %



20

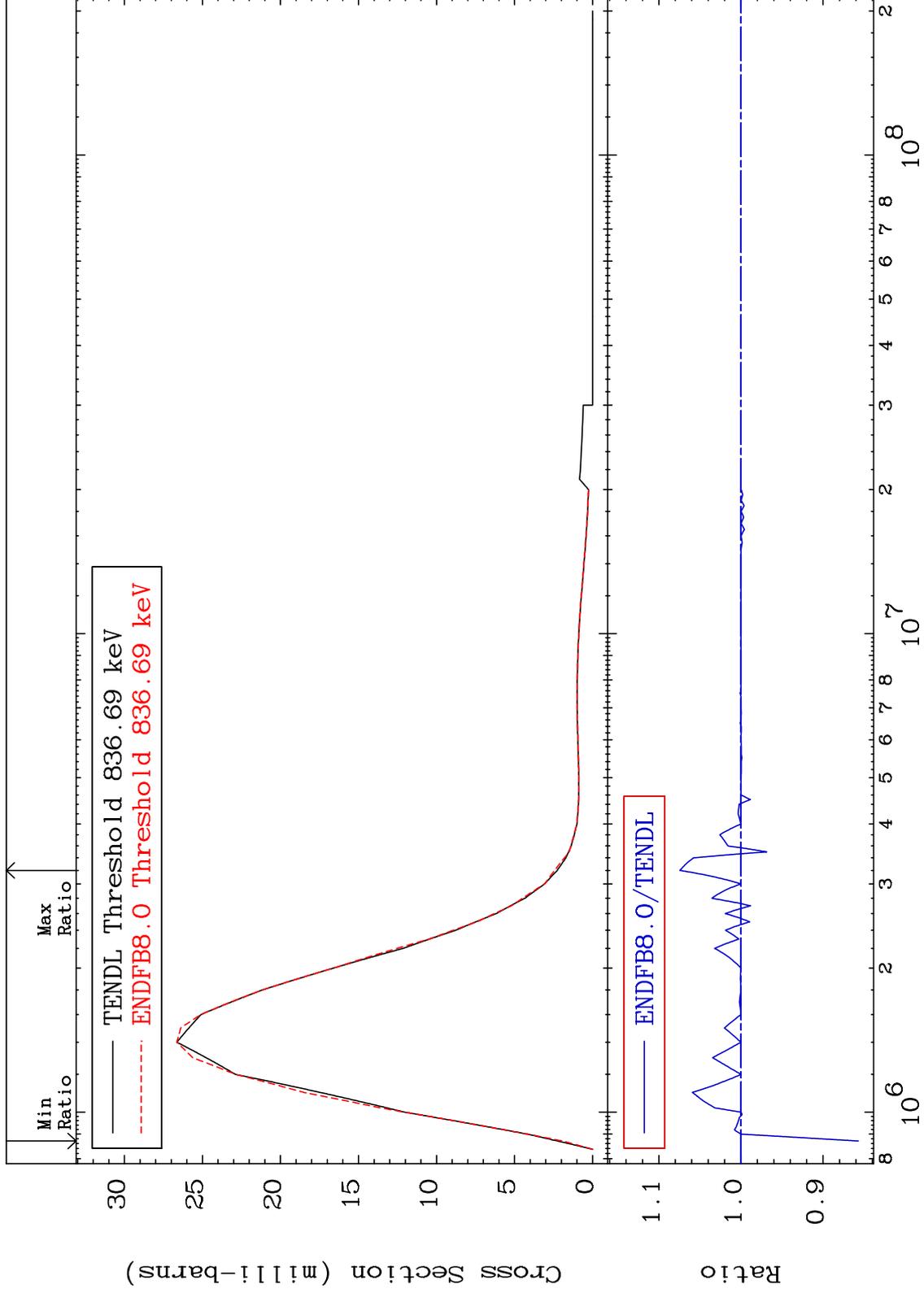
Incident Energy (eV)

92-U -232

MAT 9219

MT= 61 (n,n') Level
Cross Section

92-U -232
-14.30 To 7.437 %



21

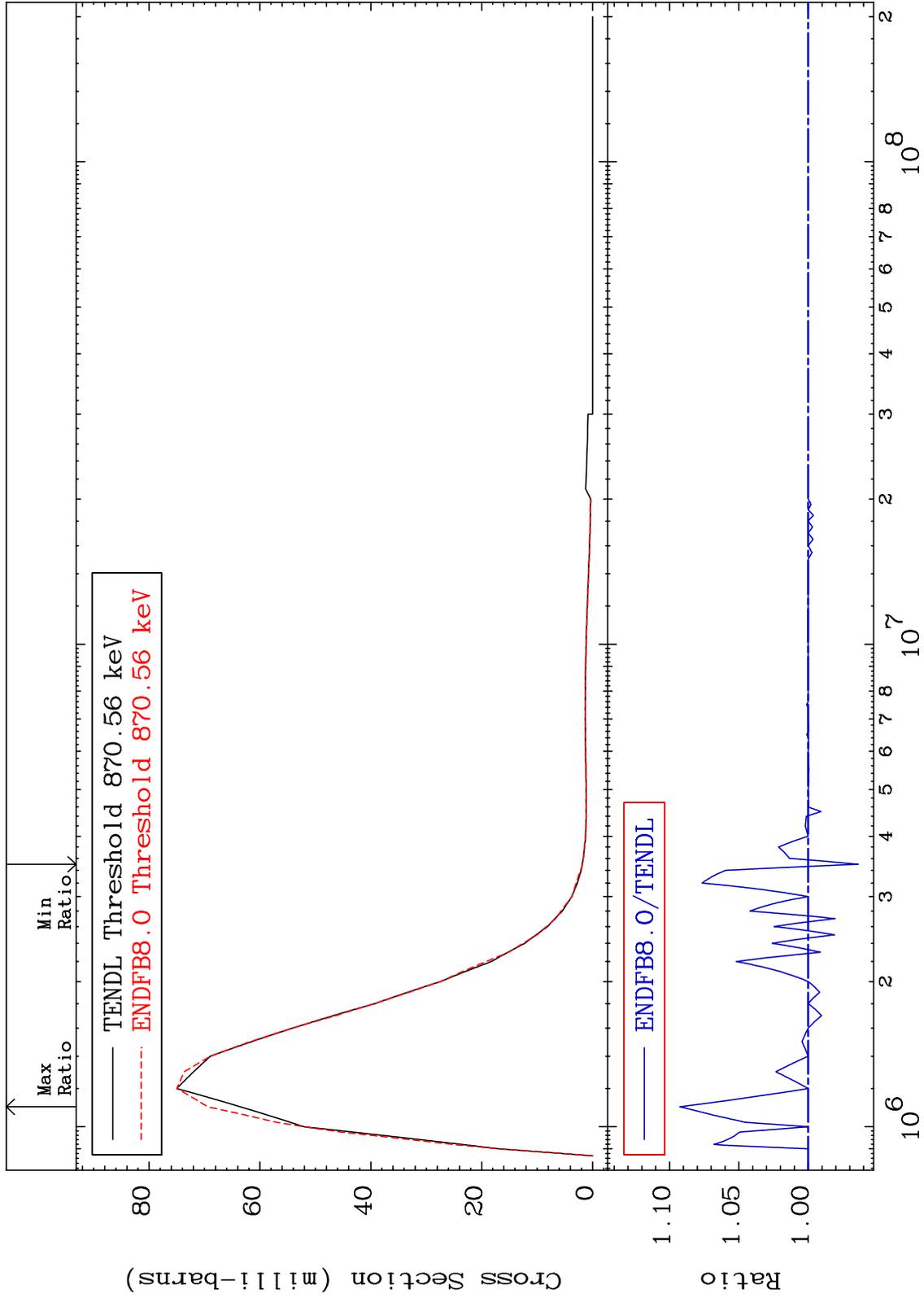
Incident Energy (eV)

92-U -232

MAT 9219

MT= 62 (n,n') Level
Cross Section

92-U -232
-3.622 To 9.251 %



22

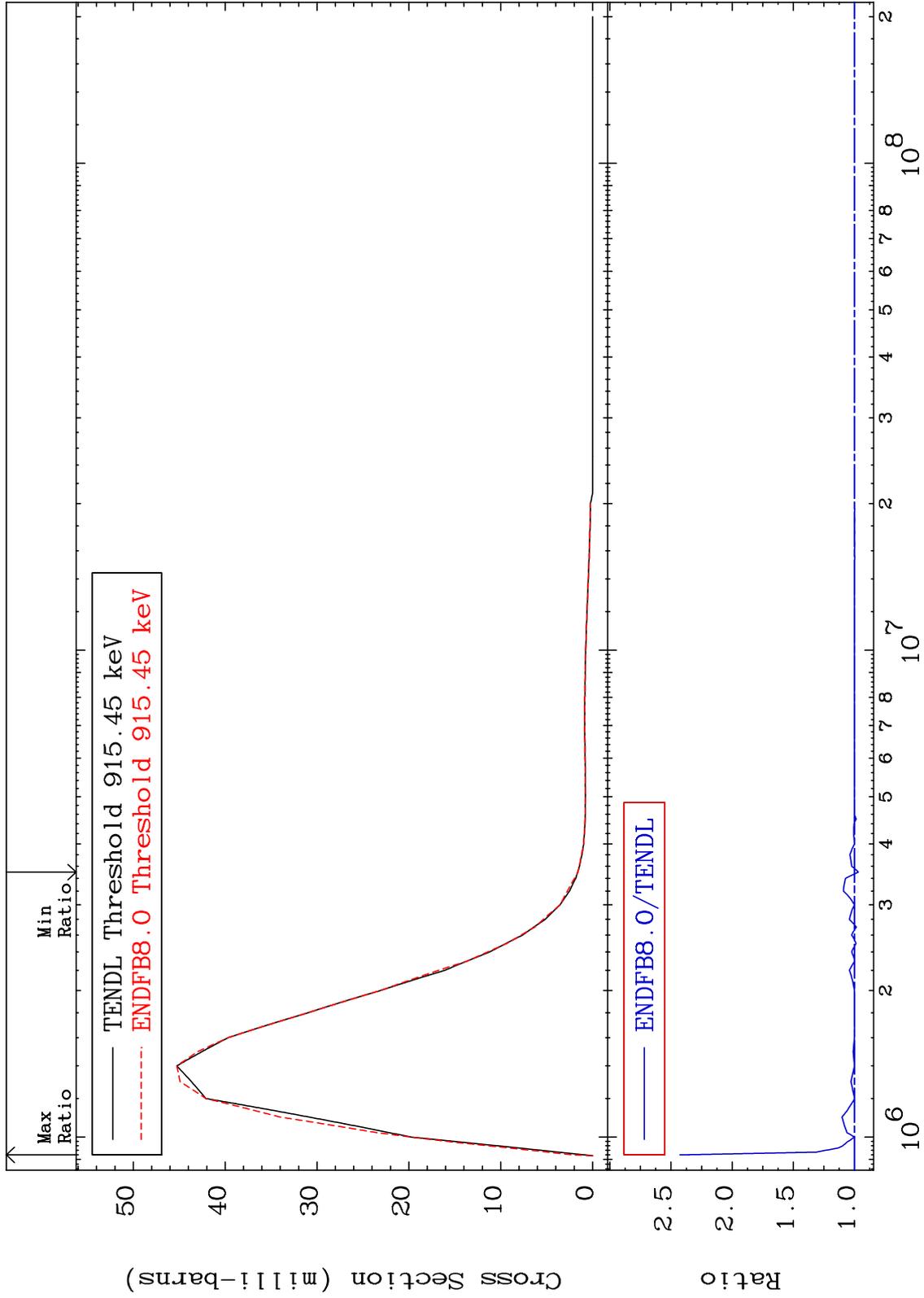
Incident Energy (eV)

92-U -232

MAT 9219

MT= 63 (n,n') Level
Cross Section

92-U -232
-3.212 To 142.7 %



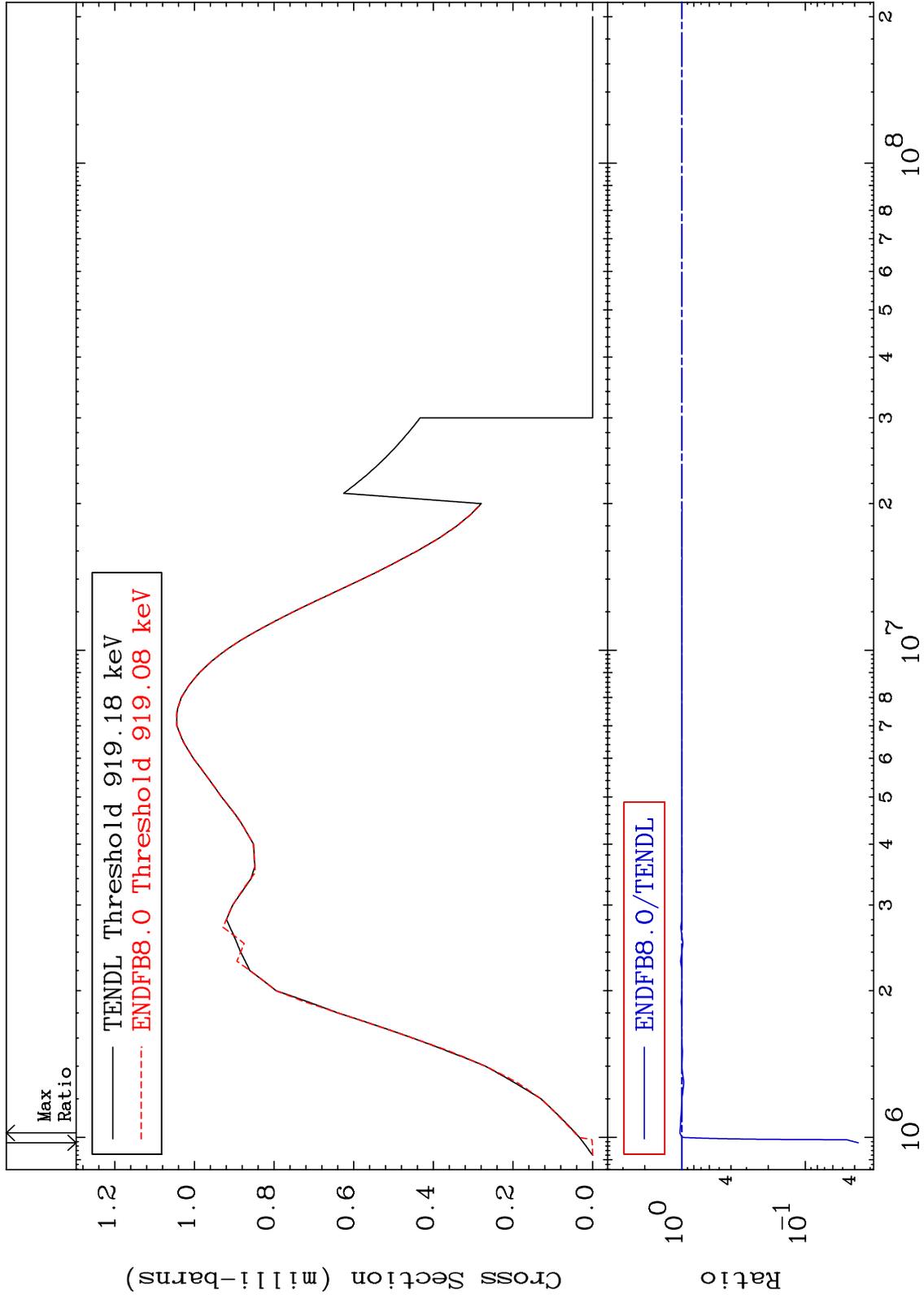
23

92-U -232

MAT 9219

MT= 64 (n,n') Level
Cross Section

92-U -232
-96.27 To 3.610 %



24

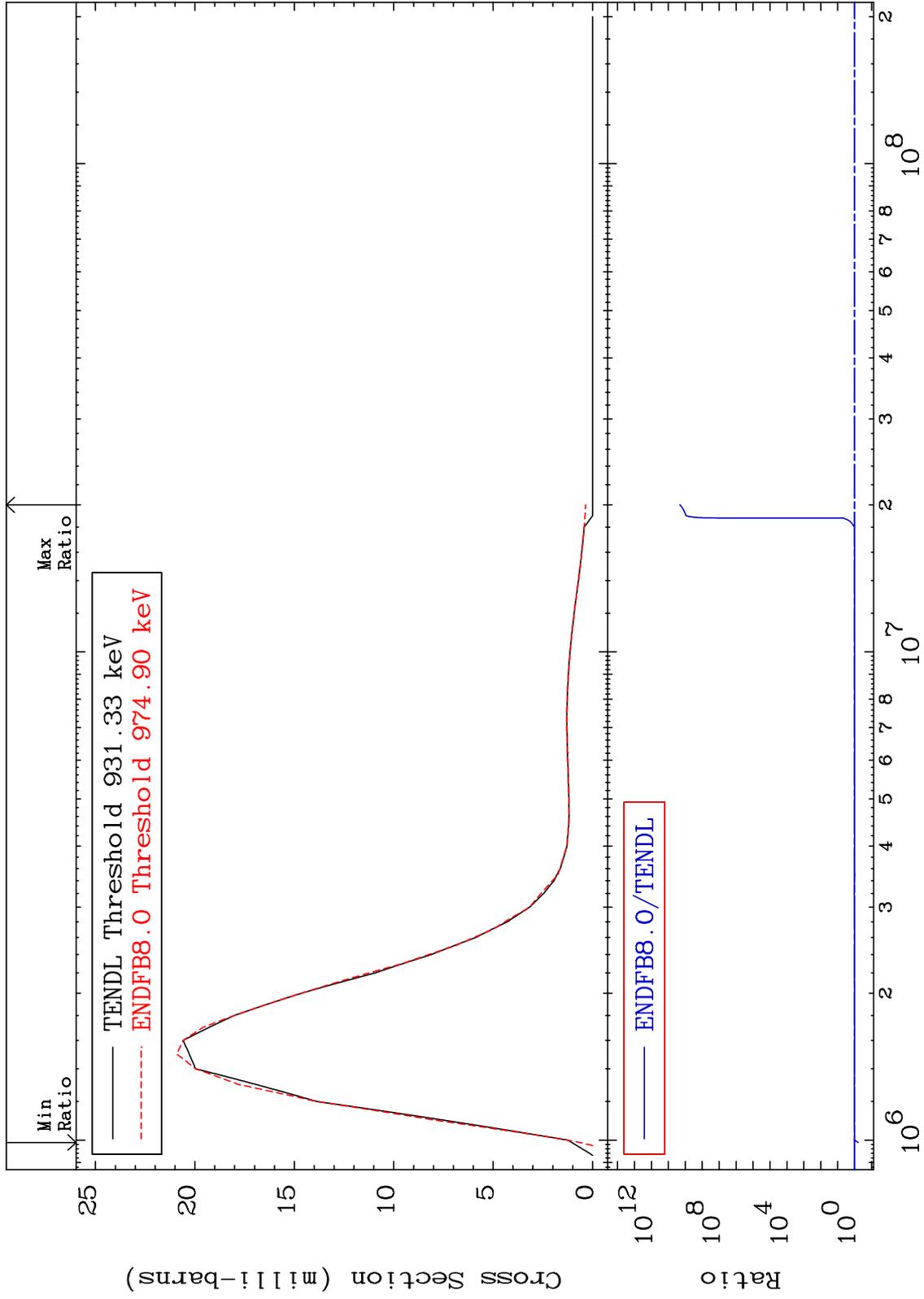
Incident Energy (eV)

92-U -232

MAT 9219

MT= 65 (n,n') Level
Cross Section

92-U -232
-39.91 To 9999. %



25

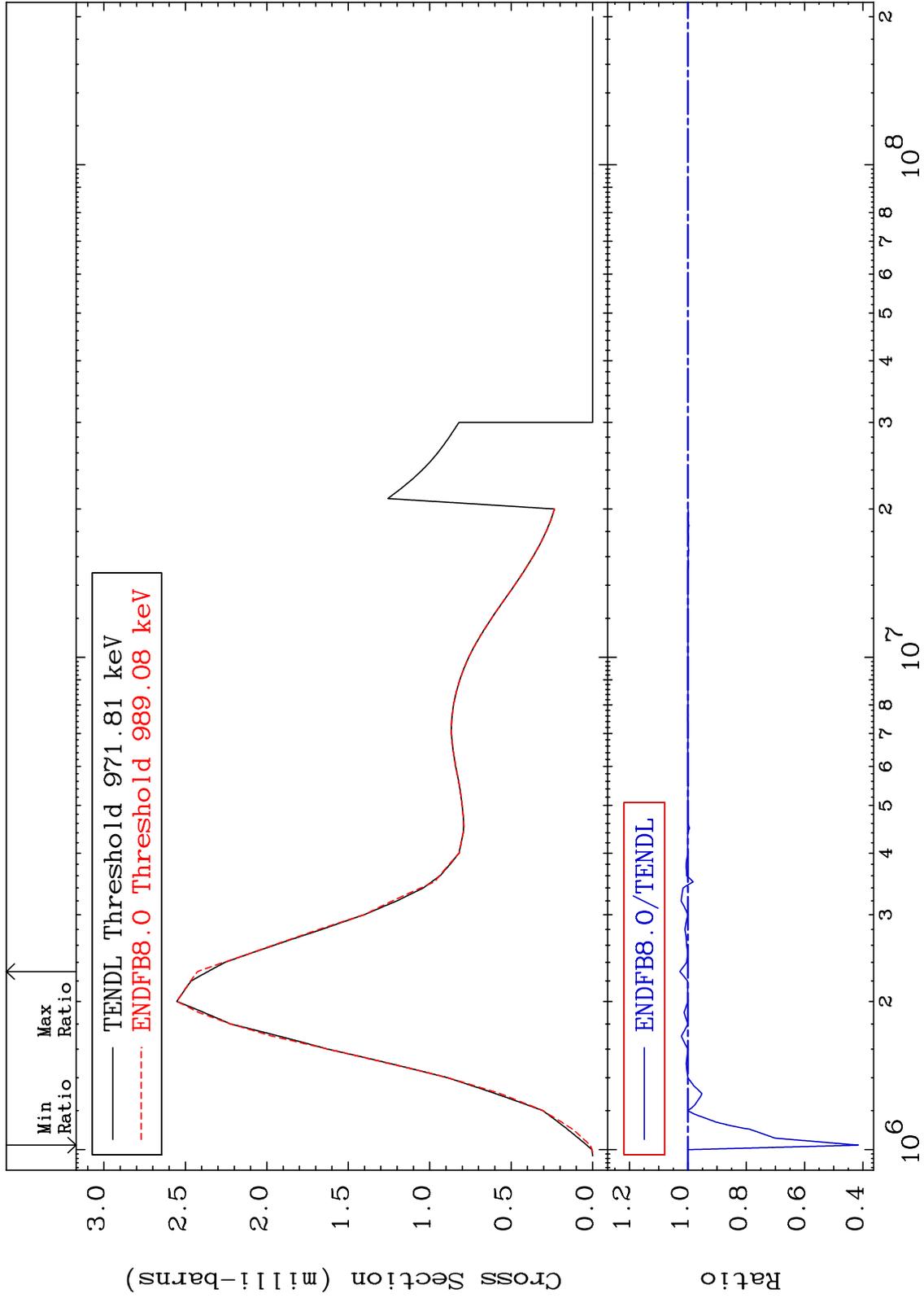
Incident Energy (eV)

92-U -232

MAT 9219

MT= 66 (n,n') Level
Cross Section

92-U -232
-58.44 To 2.716 %



26

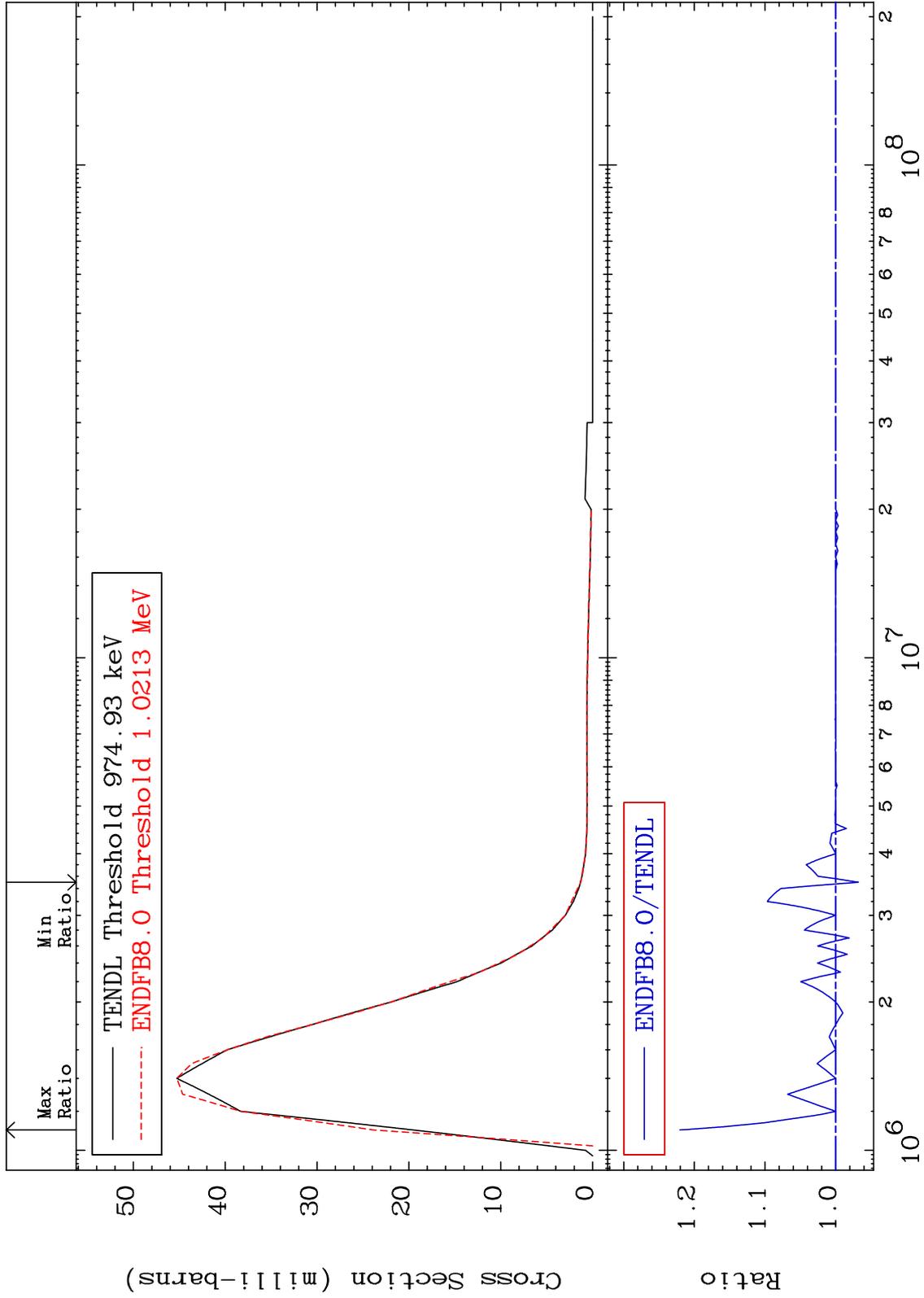
Incident Energy (eV)

92-U -232

MAT 9219

MT= 67 (n,n') Level
Cross Section

92-U -232
-3.208 To 22.04 %



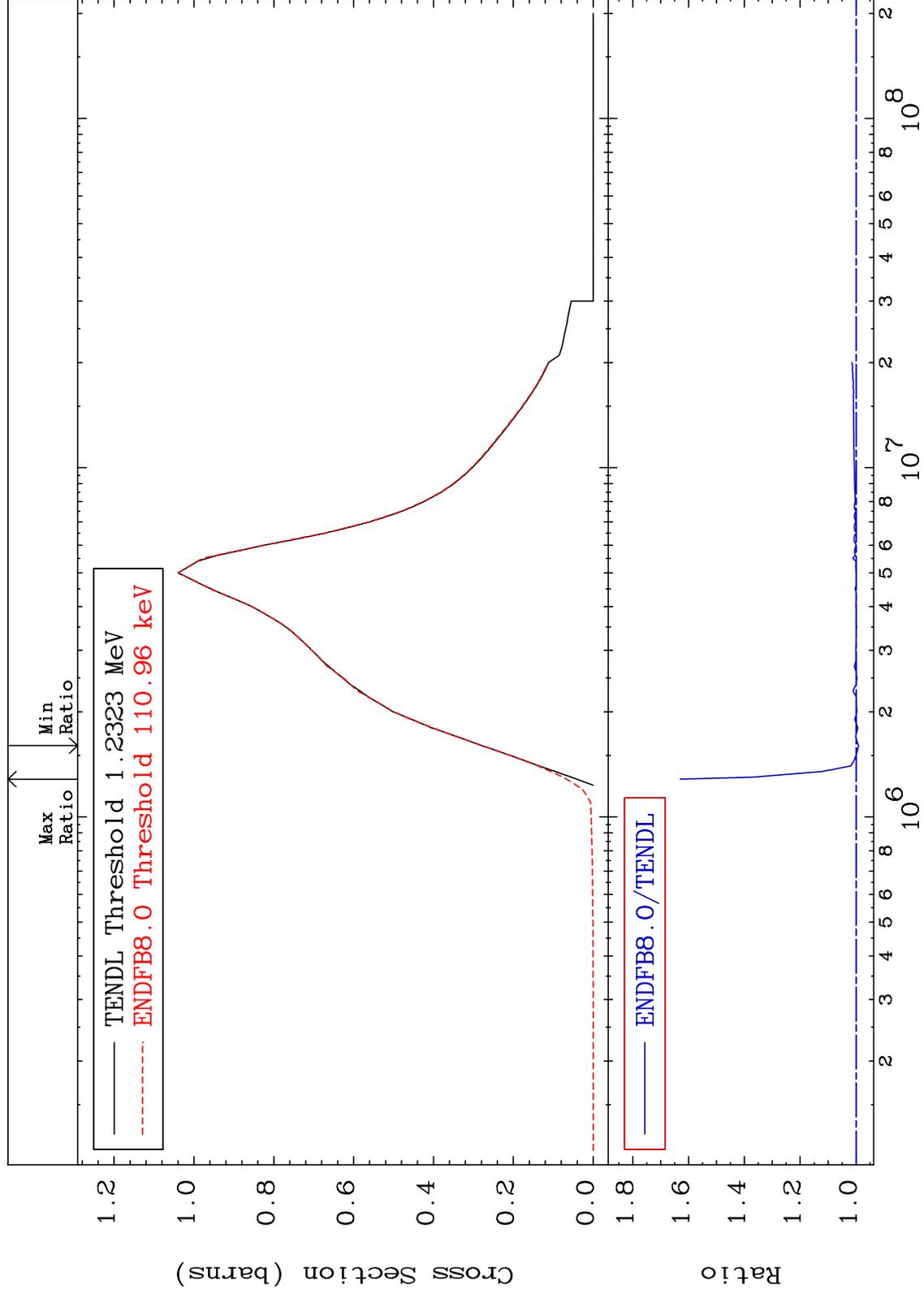
27

92-U -232

MAT 9219

(n, n') Continuum
Cross Section

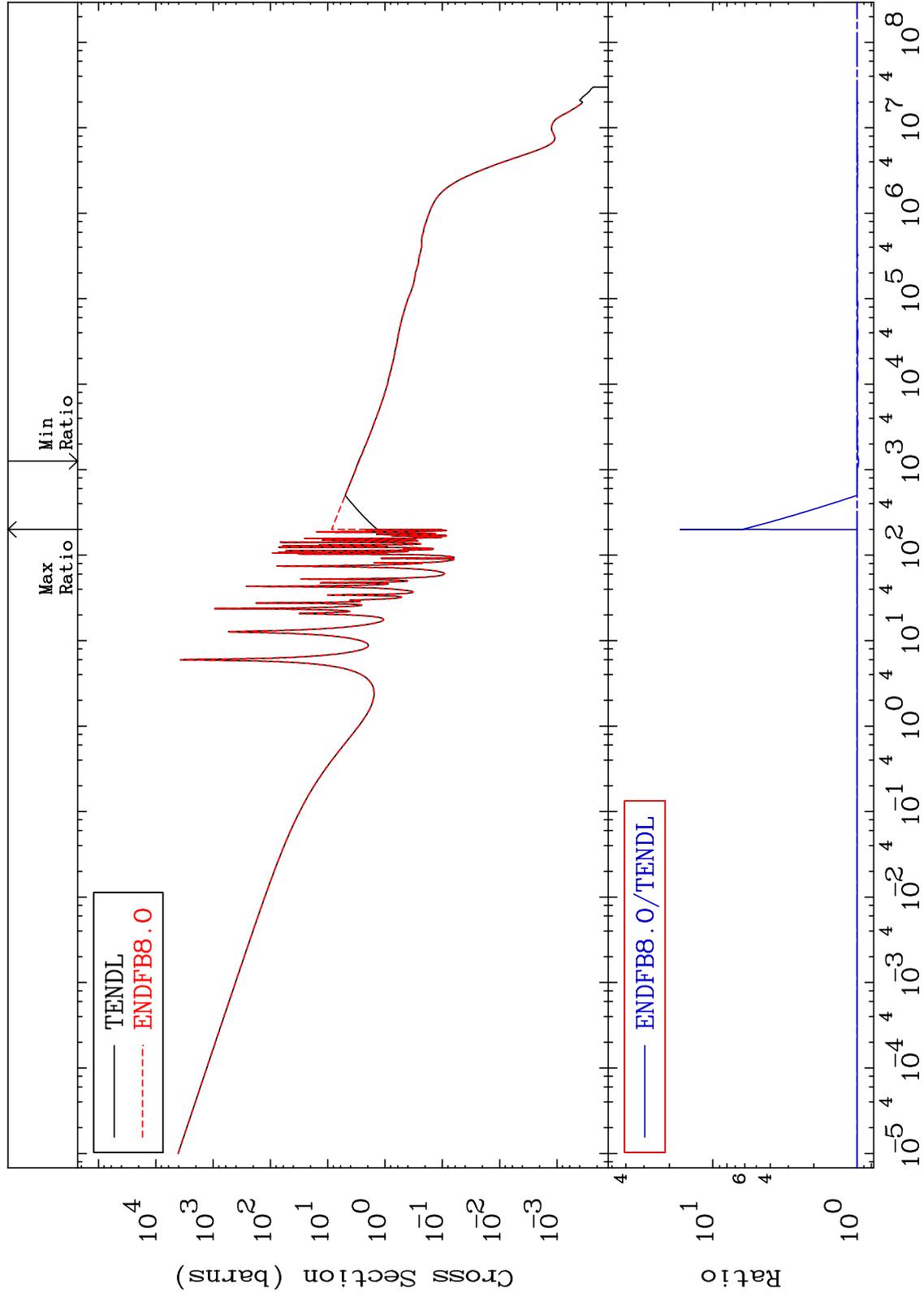
92-U -232
-0.900 To 62.95 %



MAT 9219

(n, γ)
Cross Section

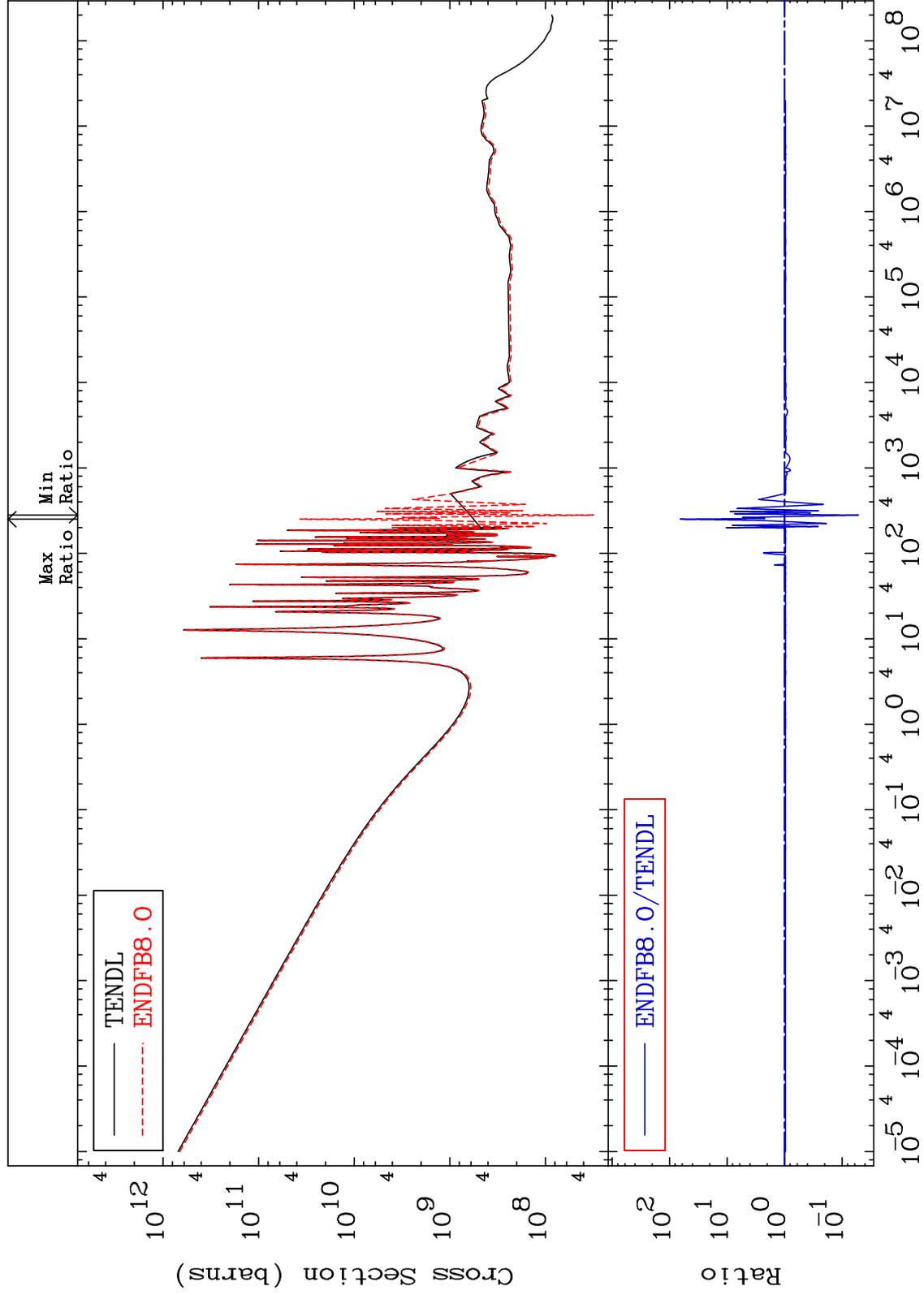
92-U -232
-2.003 To 1578. %



MAT 9219

Kerma total (eV-barns)
Cross Section

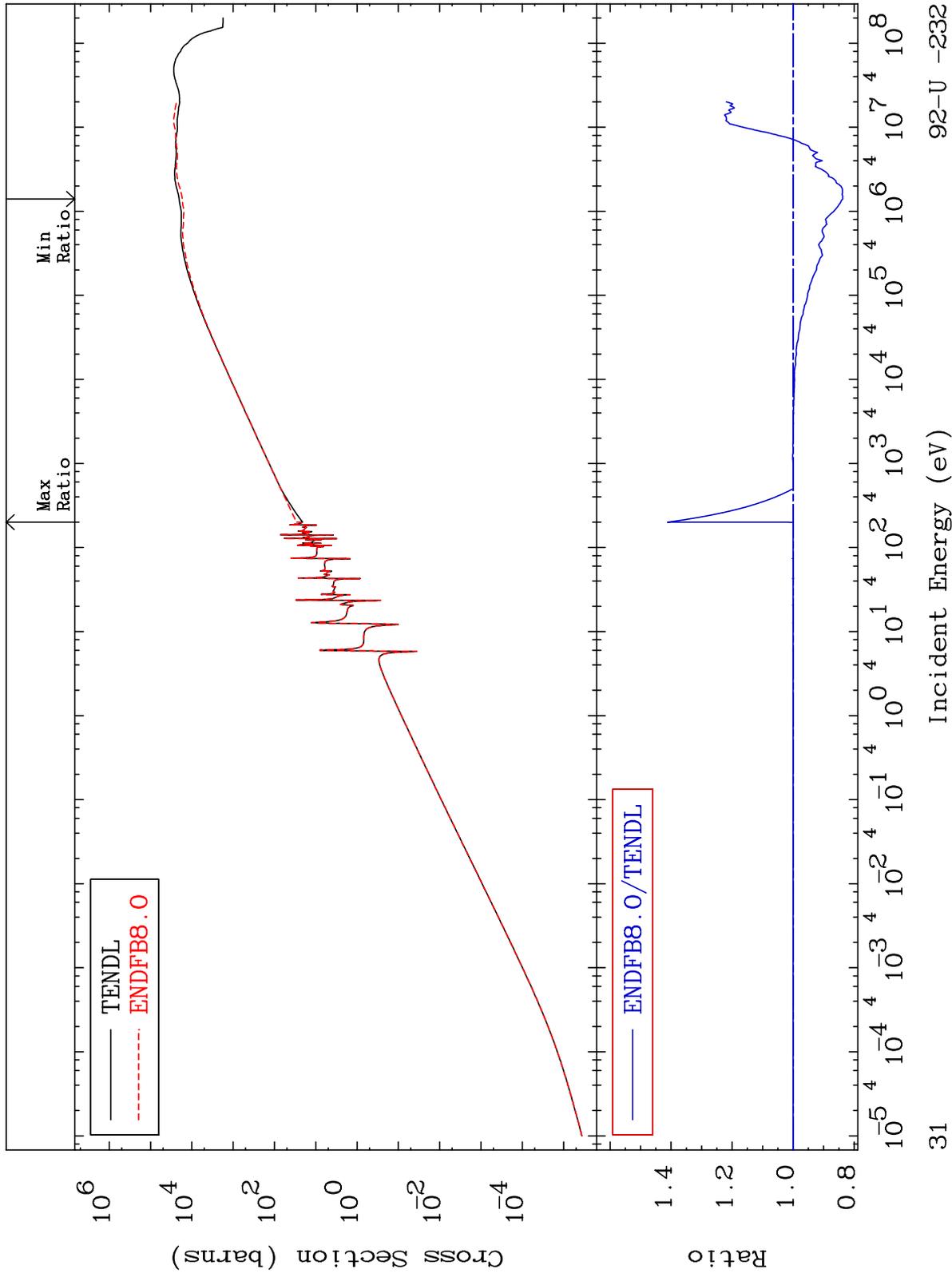
92-U -232
-94.83 To 6397. %



MAT 9219

Kerma elastic
Cross Section

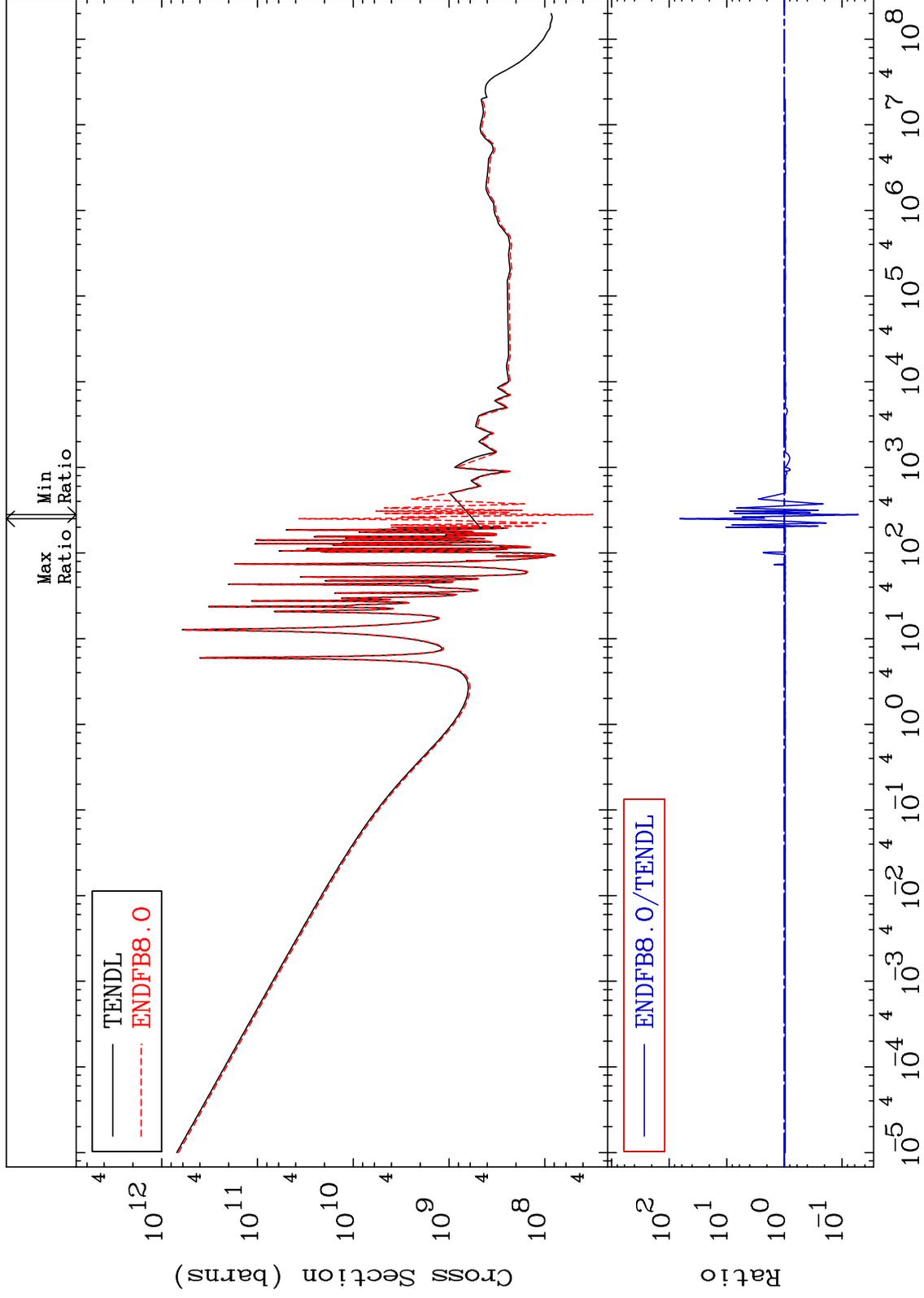
92-U -232
-16.31 To 41.13 %



MAT 9219

Kerma non-elastic (all but mt2)
Cross Section

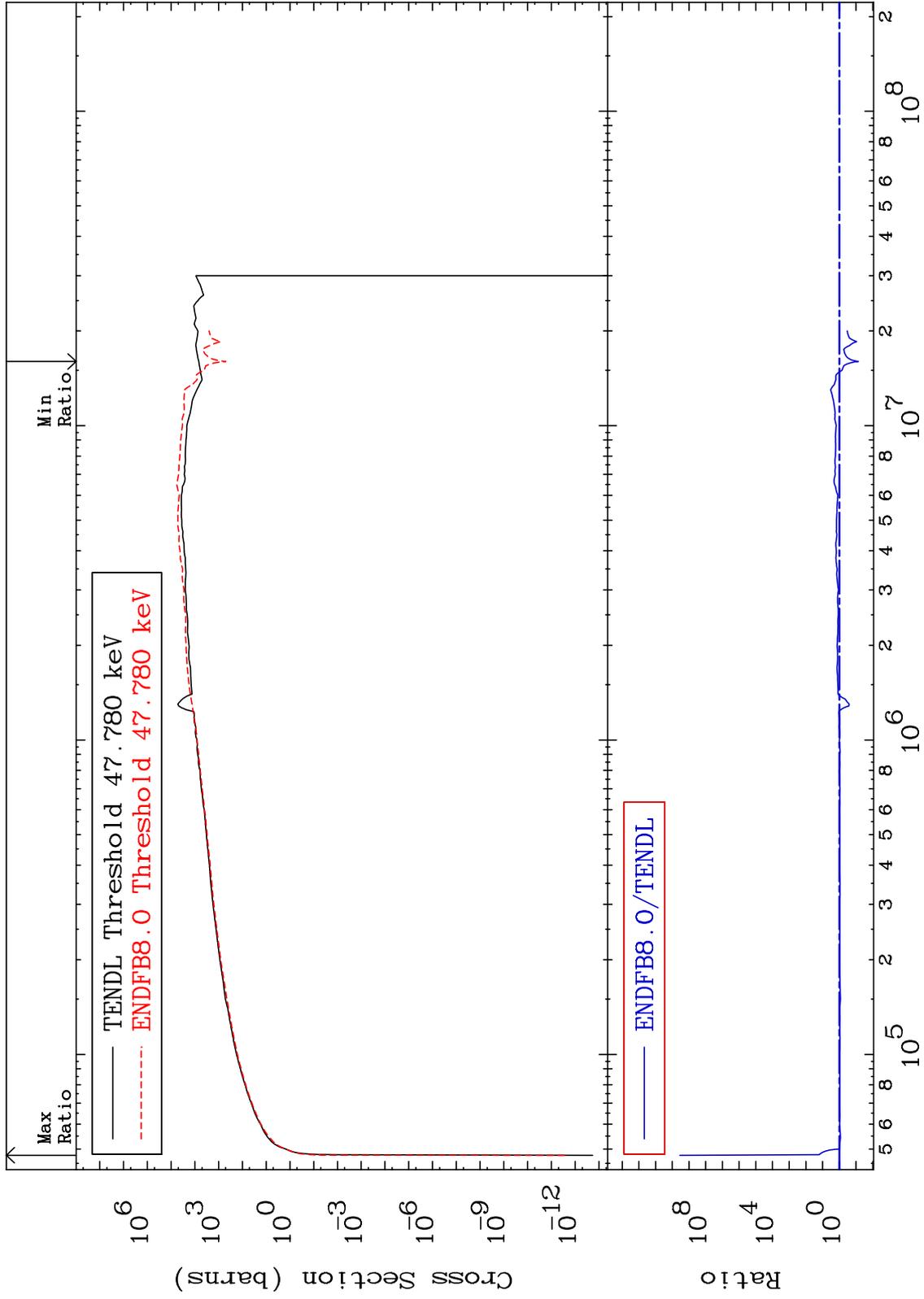
92-U -232
-94.83 To 6397. %



MAT 9219

Kerma inelastic (mt51-91)
Cross Section

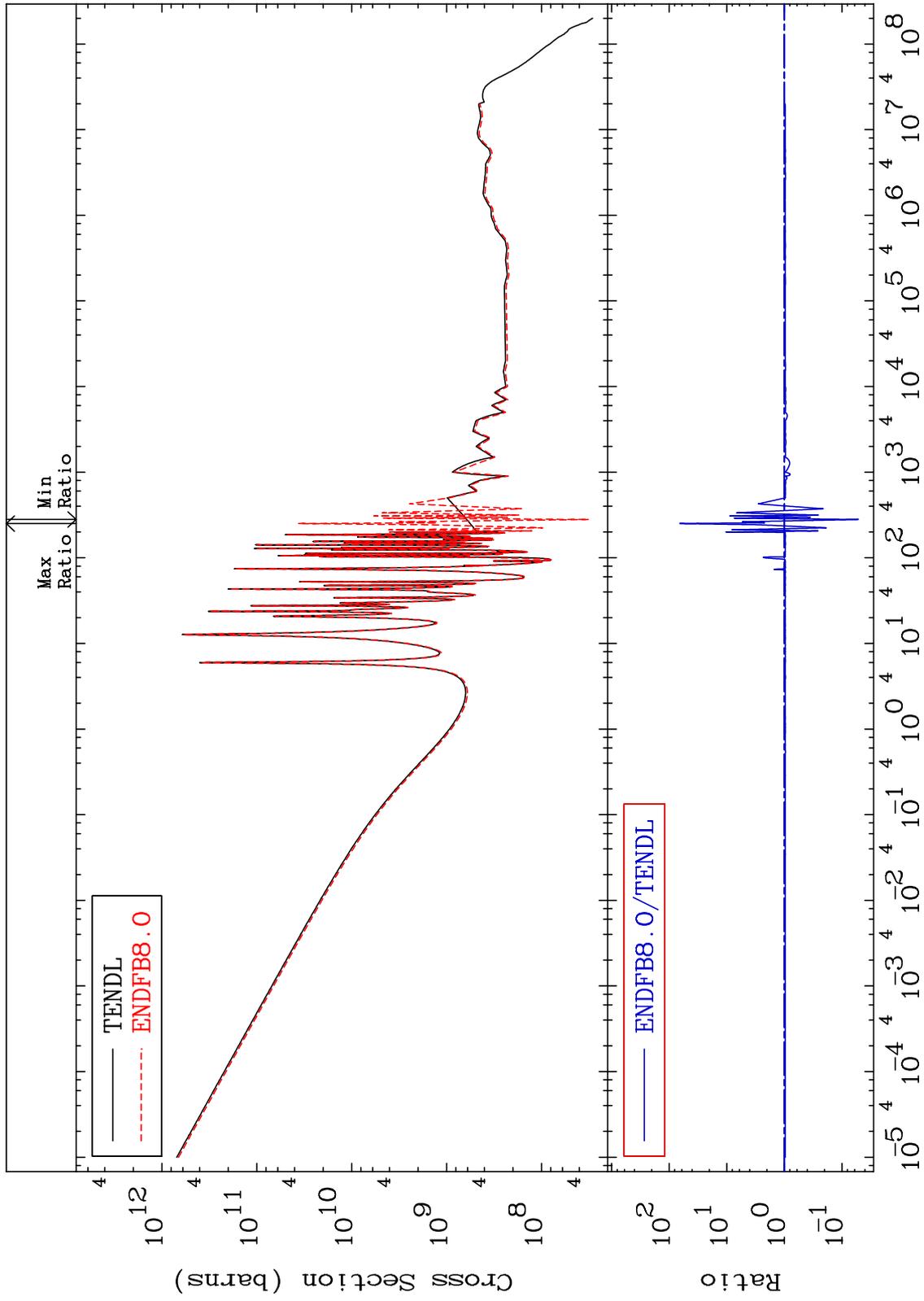
92-U -232
-92.81 To 9999. %



MAT 9219

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

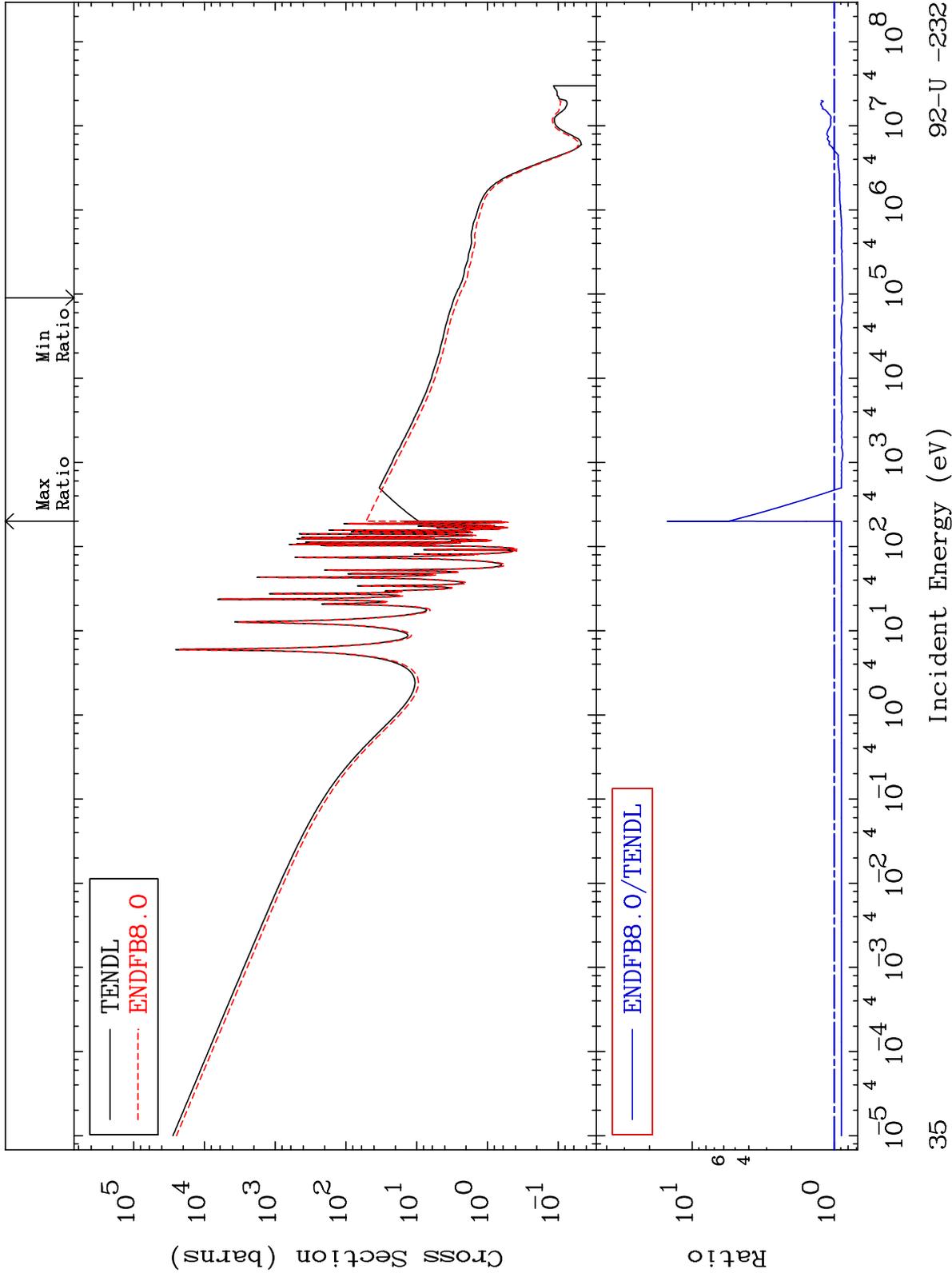
92-U -232
-94.83 To 6397. %



MAT 9219

Kerma capture (mt102)
Cross Section

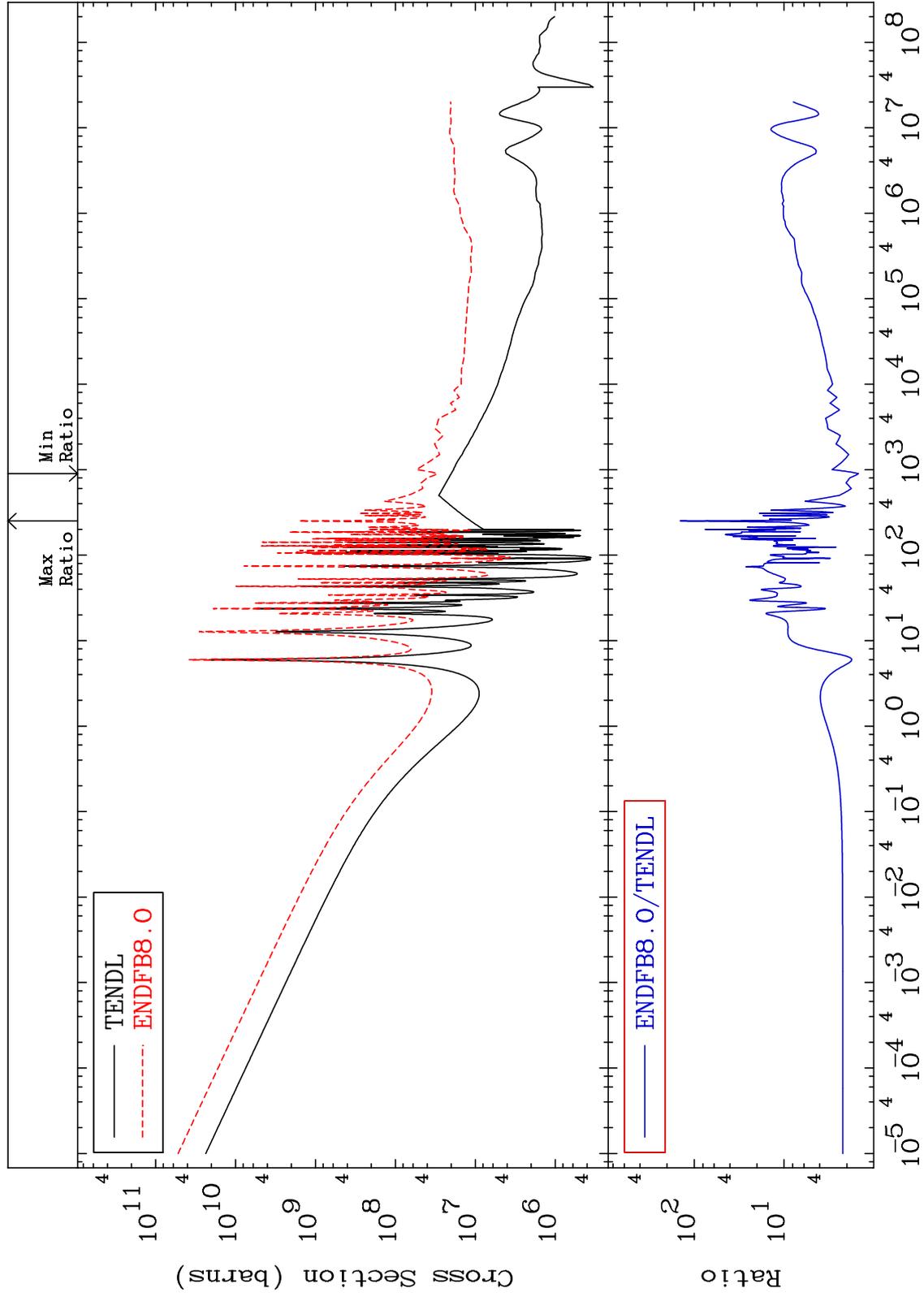
92-U -232
-12.73 To 1396. %



MAT 9219

Total photon (eV-barns)
Cross Section

92-U -232
48.19 To 9999. %



36

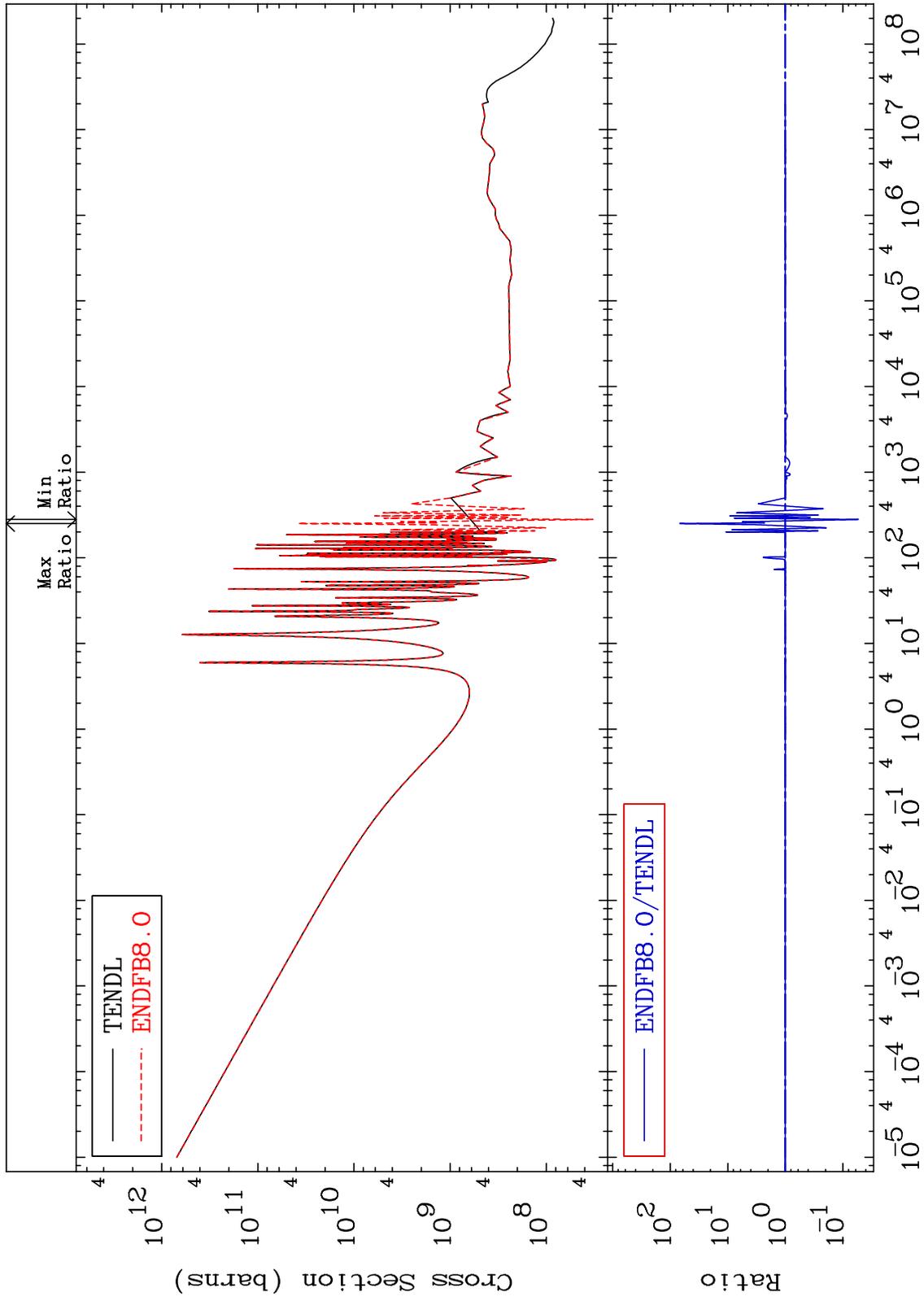
Incident Energy (eV)

92-U -232

MAT 9219

Total kinematic kerma (high limit)
Cross Section

92-U -232
-94.61 To 6676. %



37

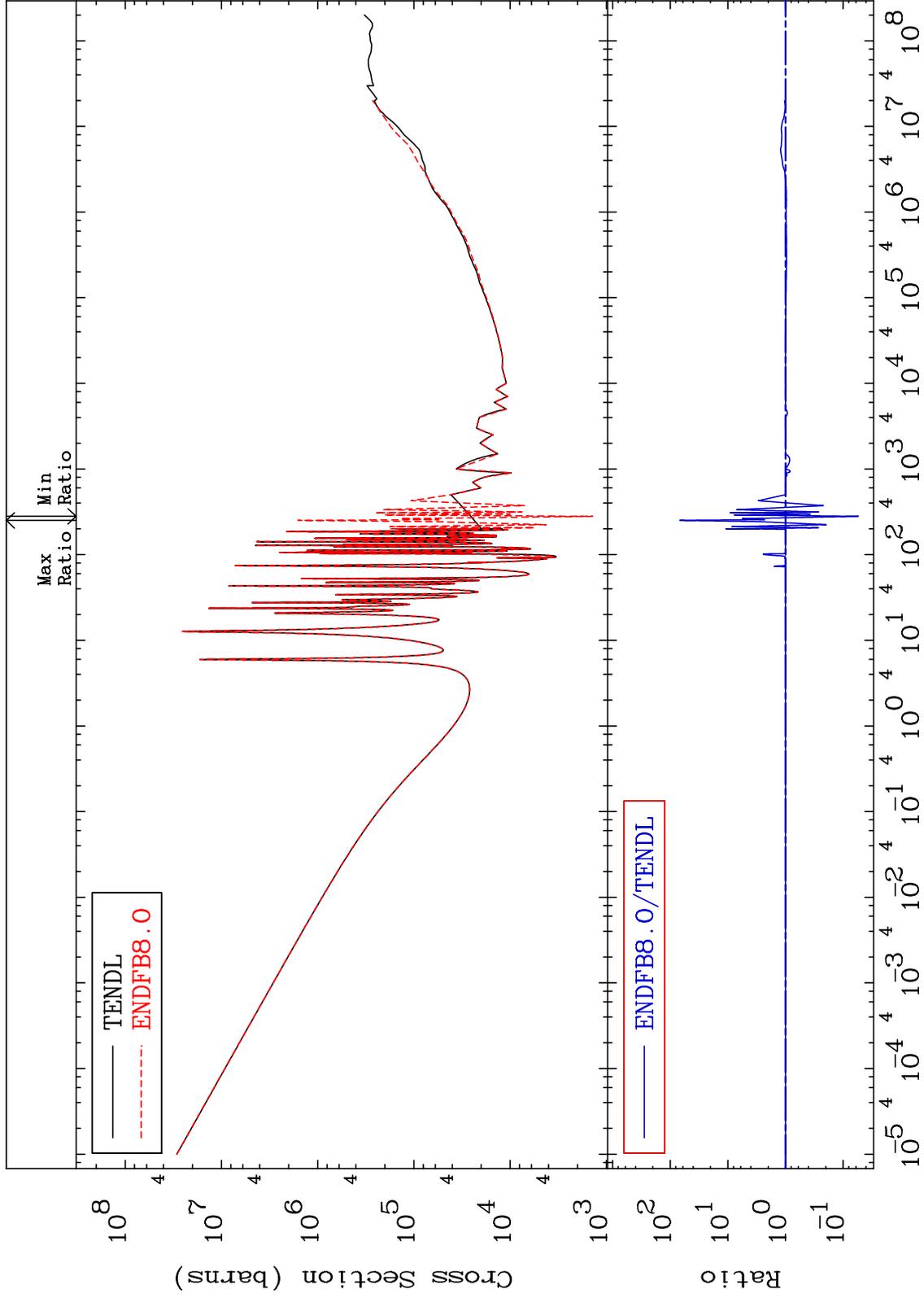
Incident Energy (eV)

92-U -232

MAT 9219

Dpa total (eV-barns)
Cross Section

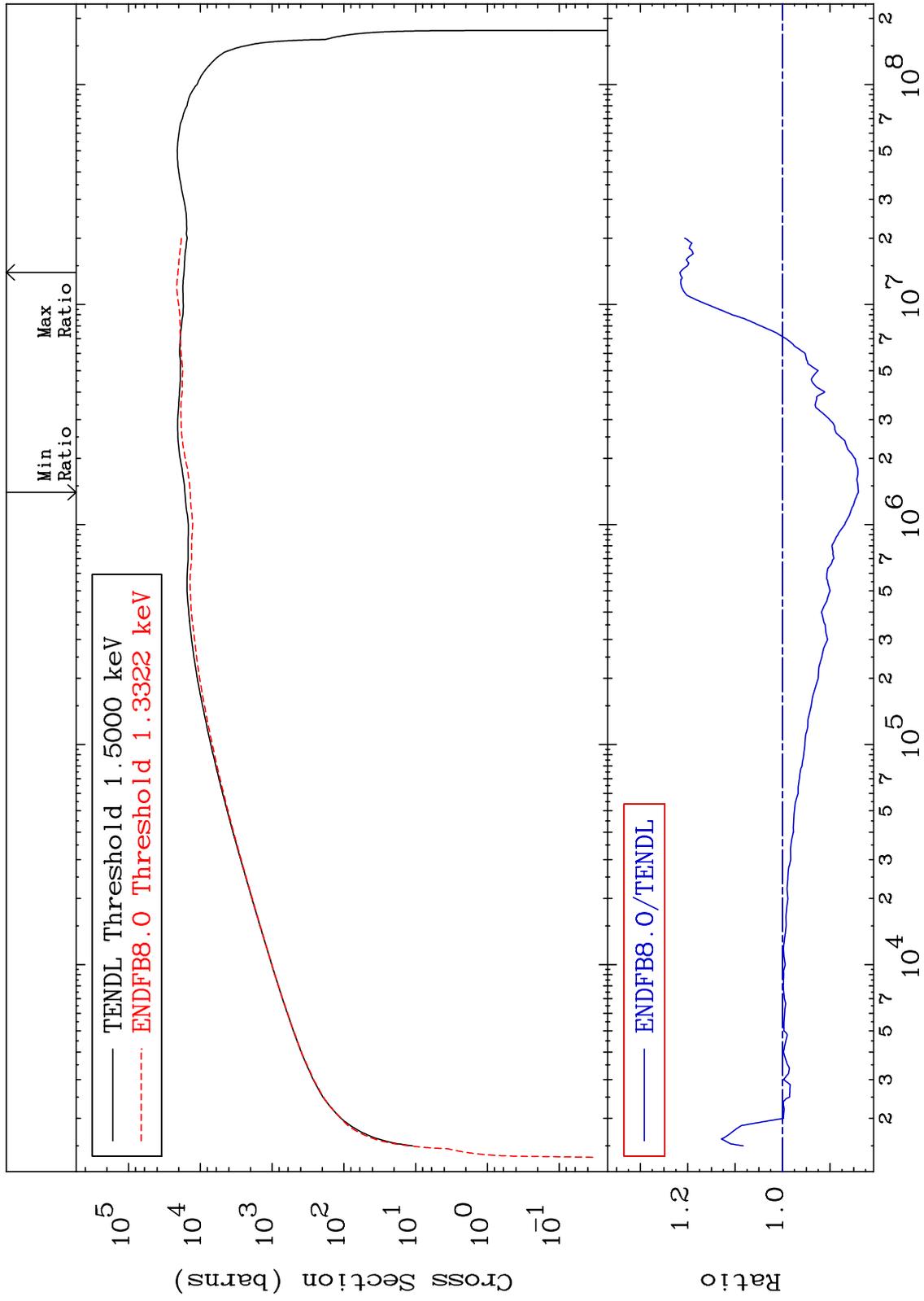
92-U -232
-94.57 To 6686. %



MAT 9219

Dpa elastic (mt2)
Cross Section

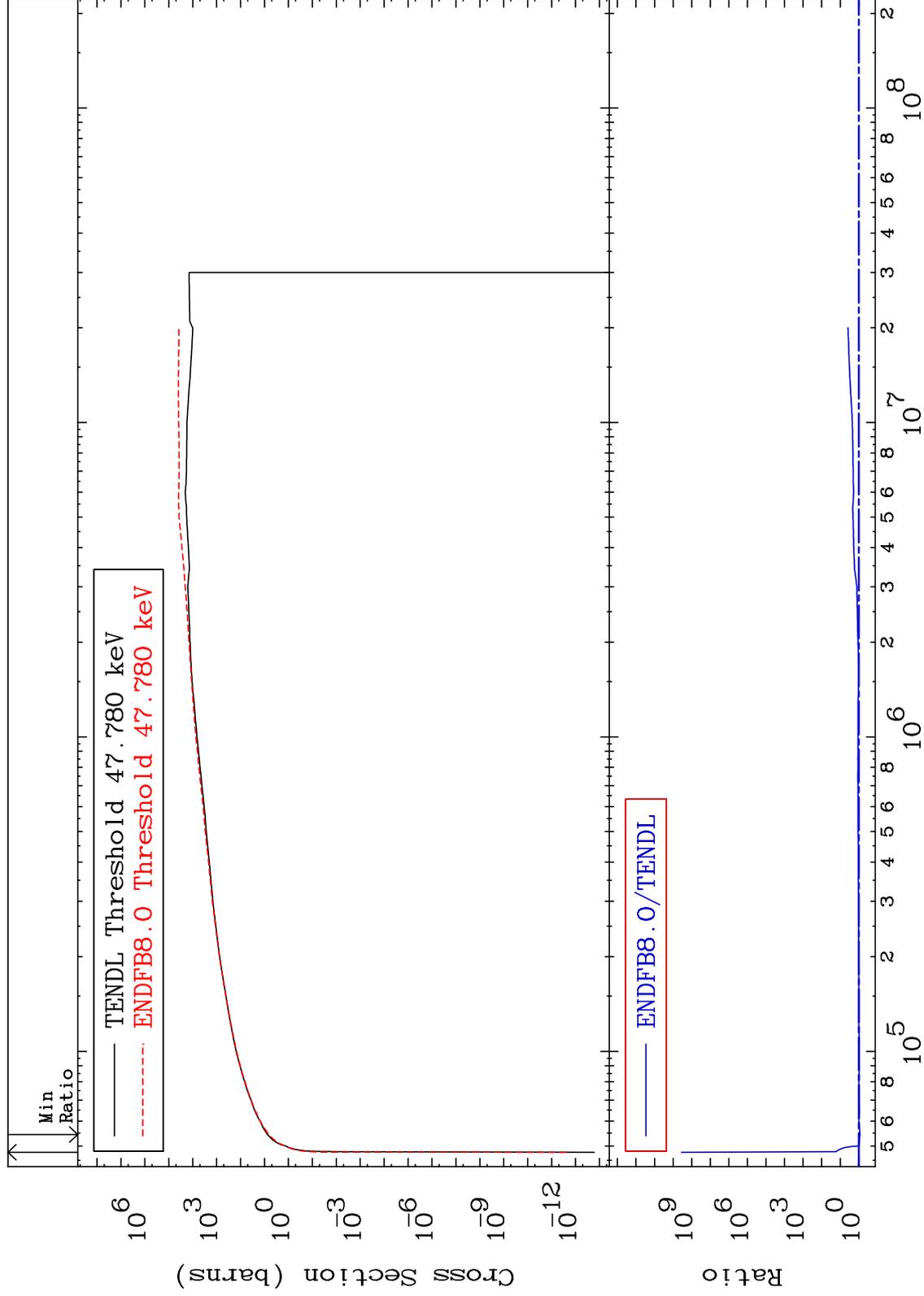
92-U -232
-15.98 To 21.64 %



MAT 9219

Dpa inelastic (mt51-91)
Cross Section

92-U -232
-14.03 To 9999. %



40

92-U -232

MAT 9219 Dpa disappearance (mt102 -120) 92-U -232
 -100.0 To 1135. %
 Cross Section

