

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

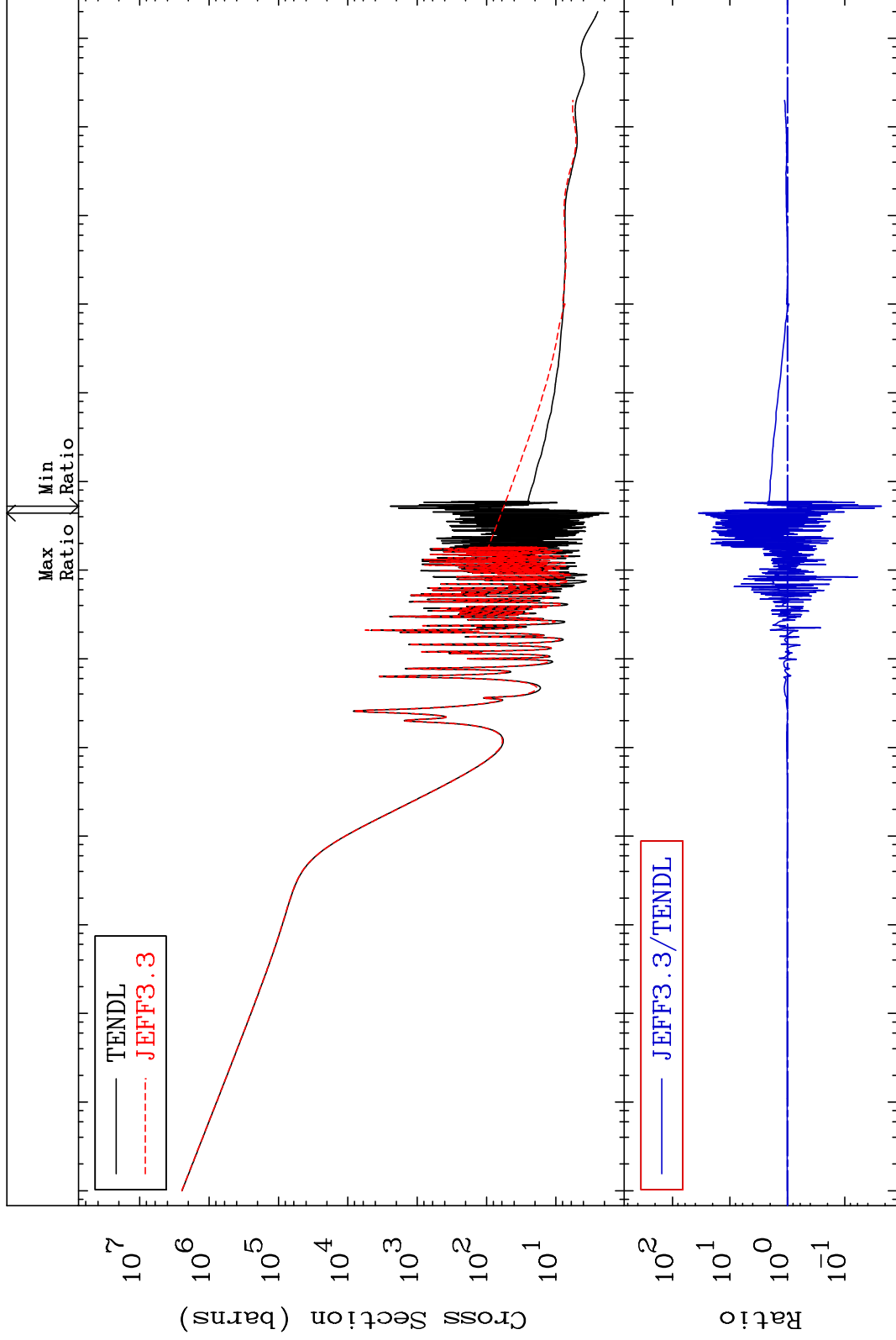
MAT 6434

Total

64-Gd-155

Cross Section

-97.70 To 3439. %



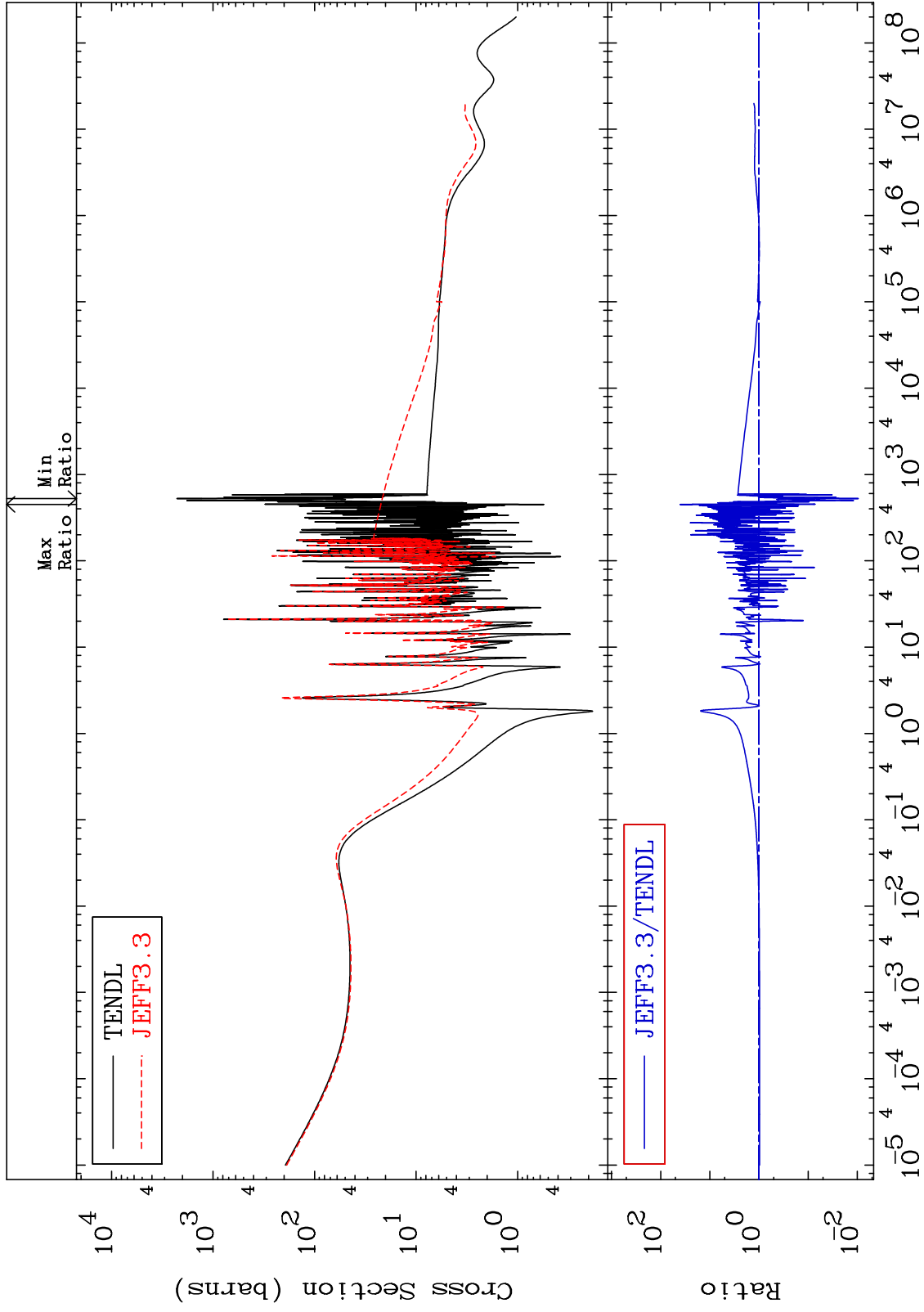
Incident Energy (eV)

64-Gd-155

MAT 6434

Elastic
Cross Section

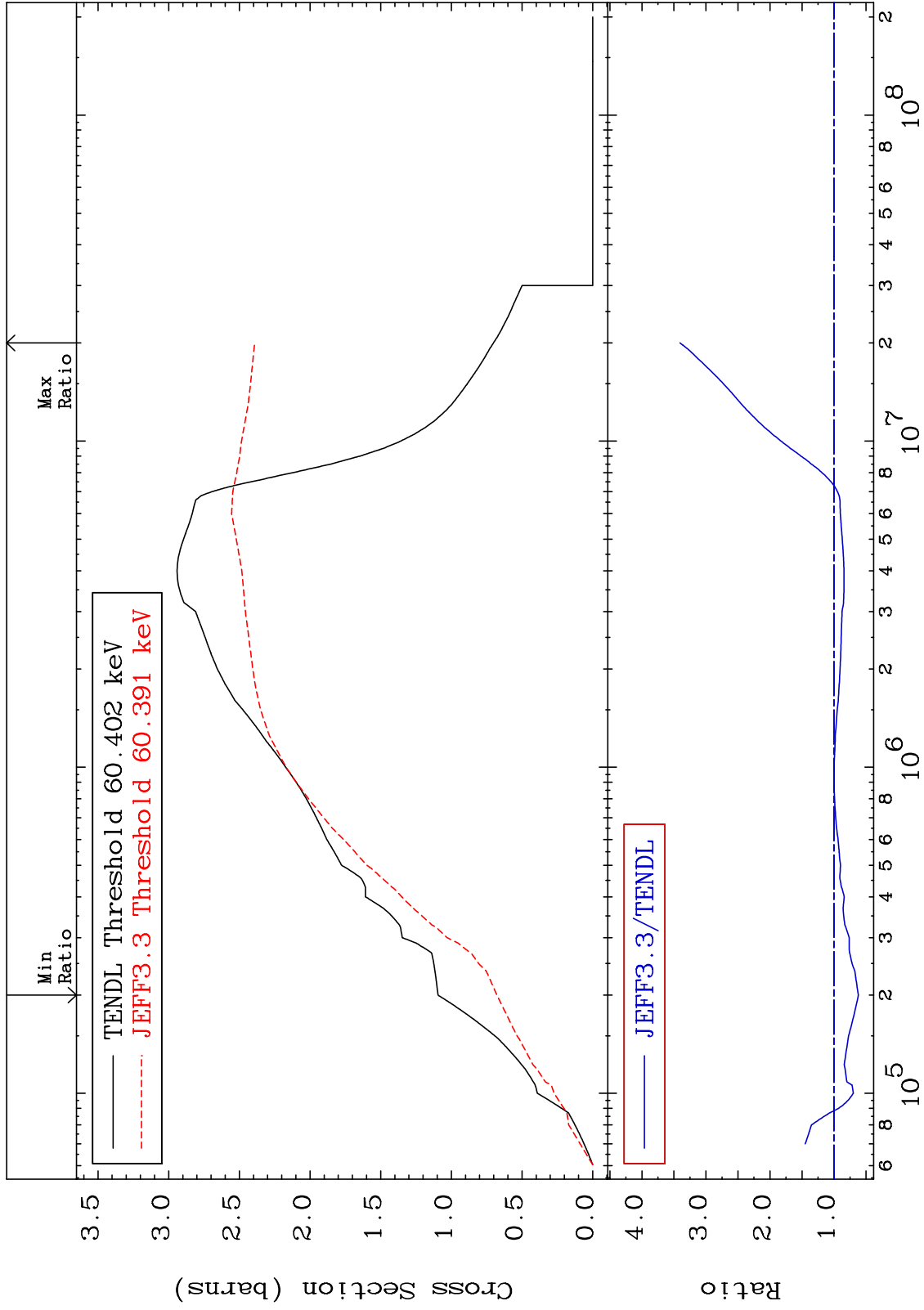
64-Gd-155
-99.05 To 3940. %



MAT 6434

Inelastic
Cross Section

64-Gd-155
-38.10 To 240.5 %



3

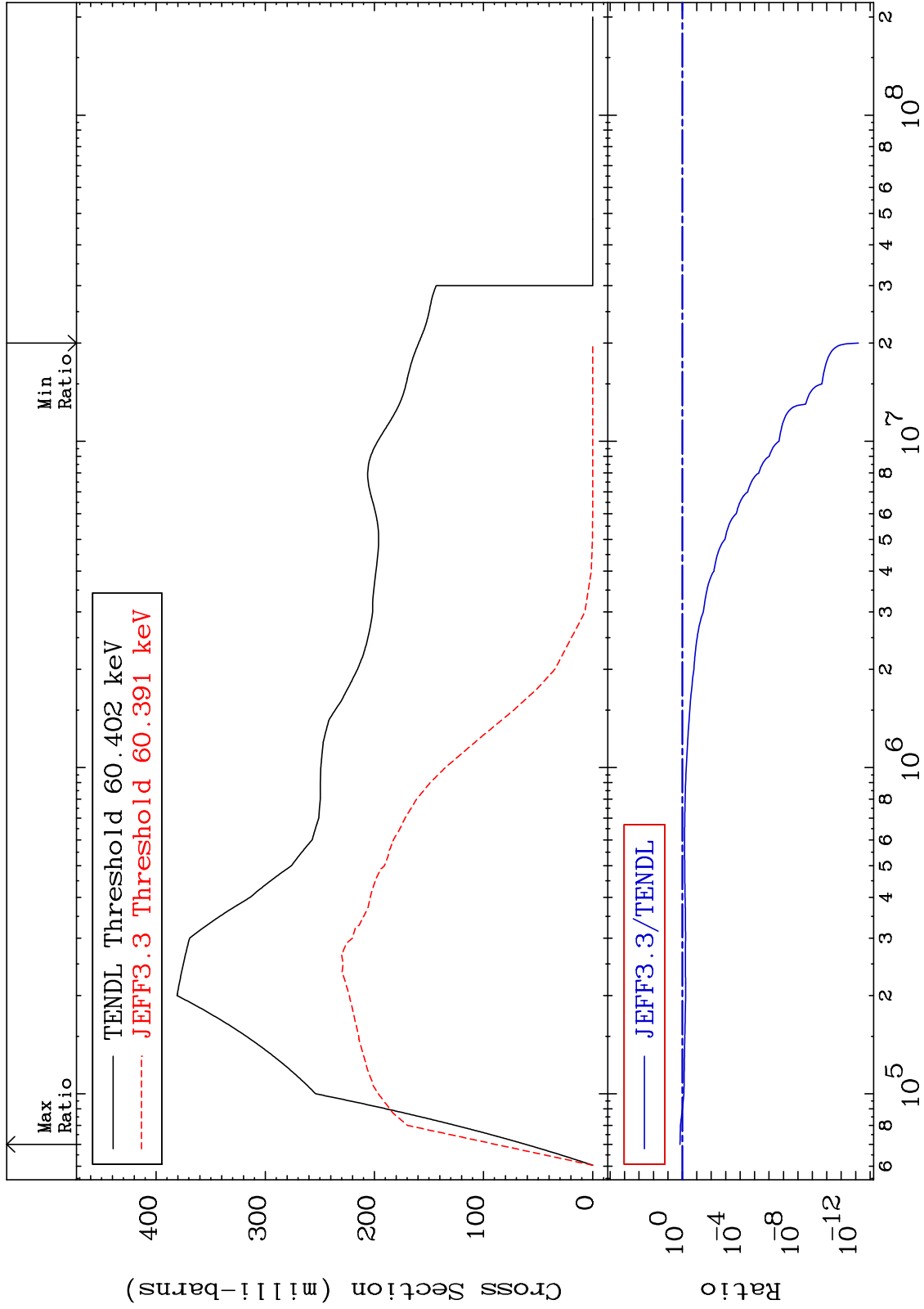
Incident Energy (eV)

64-Gd-155

MAT 6434

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

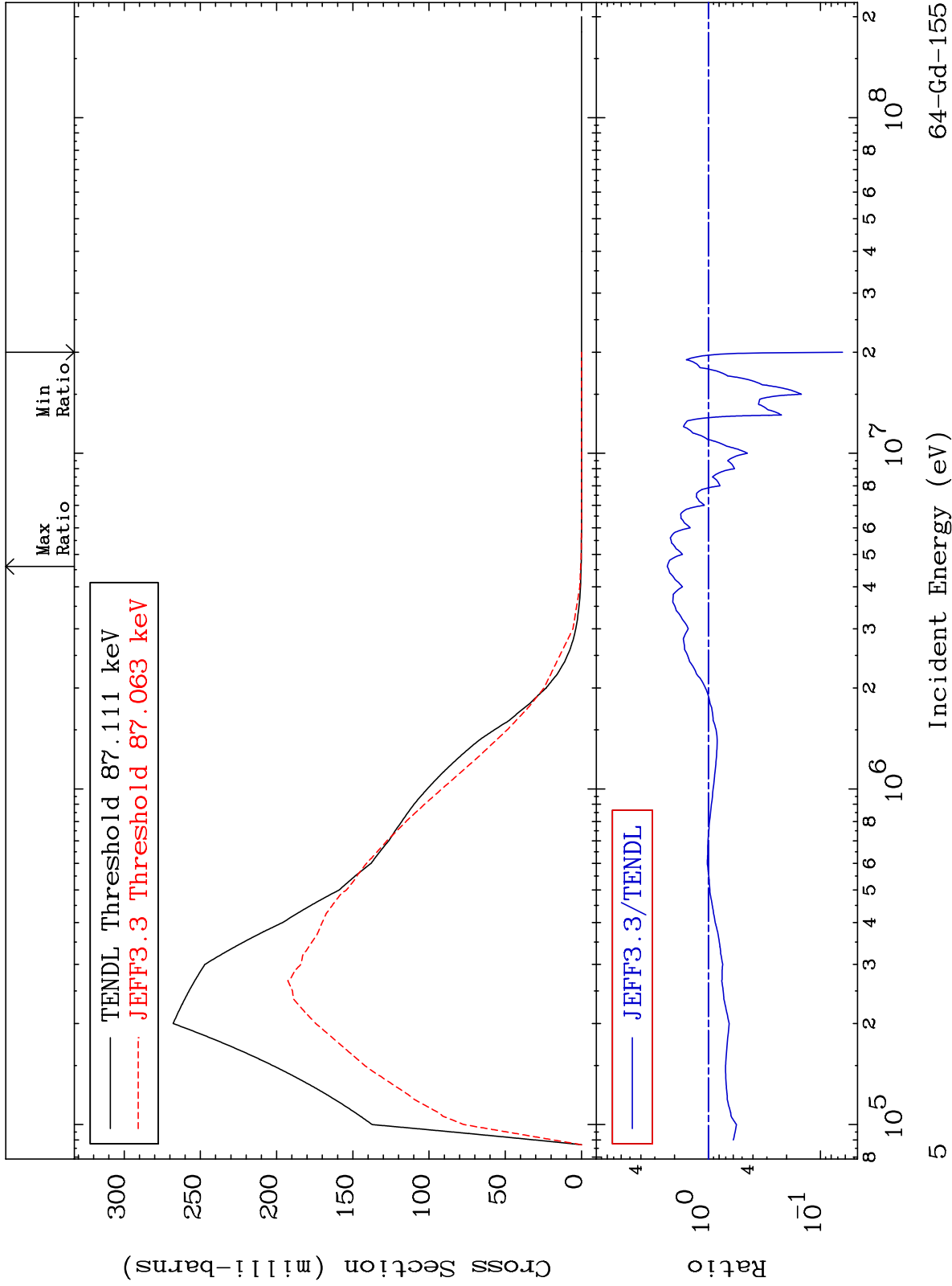
64-Gd-155
-100.0 To 44.93 %



MAT 6434

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

64-Gd-155
-93.66 To 132.3 %

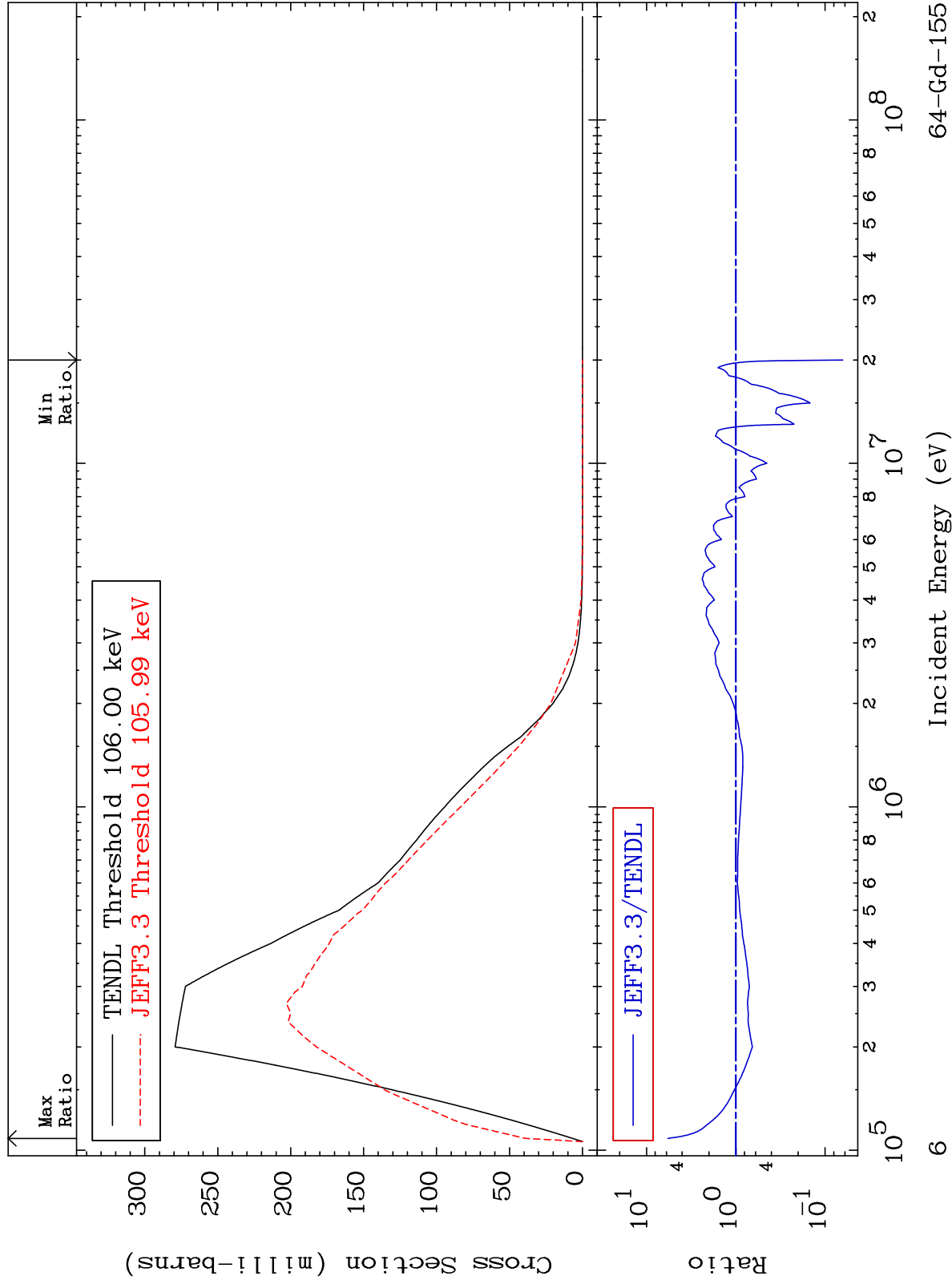


64-Gd-155

MAT 6434

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

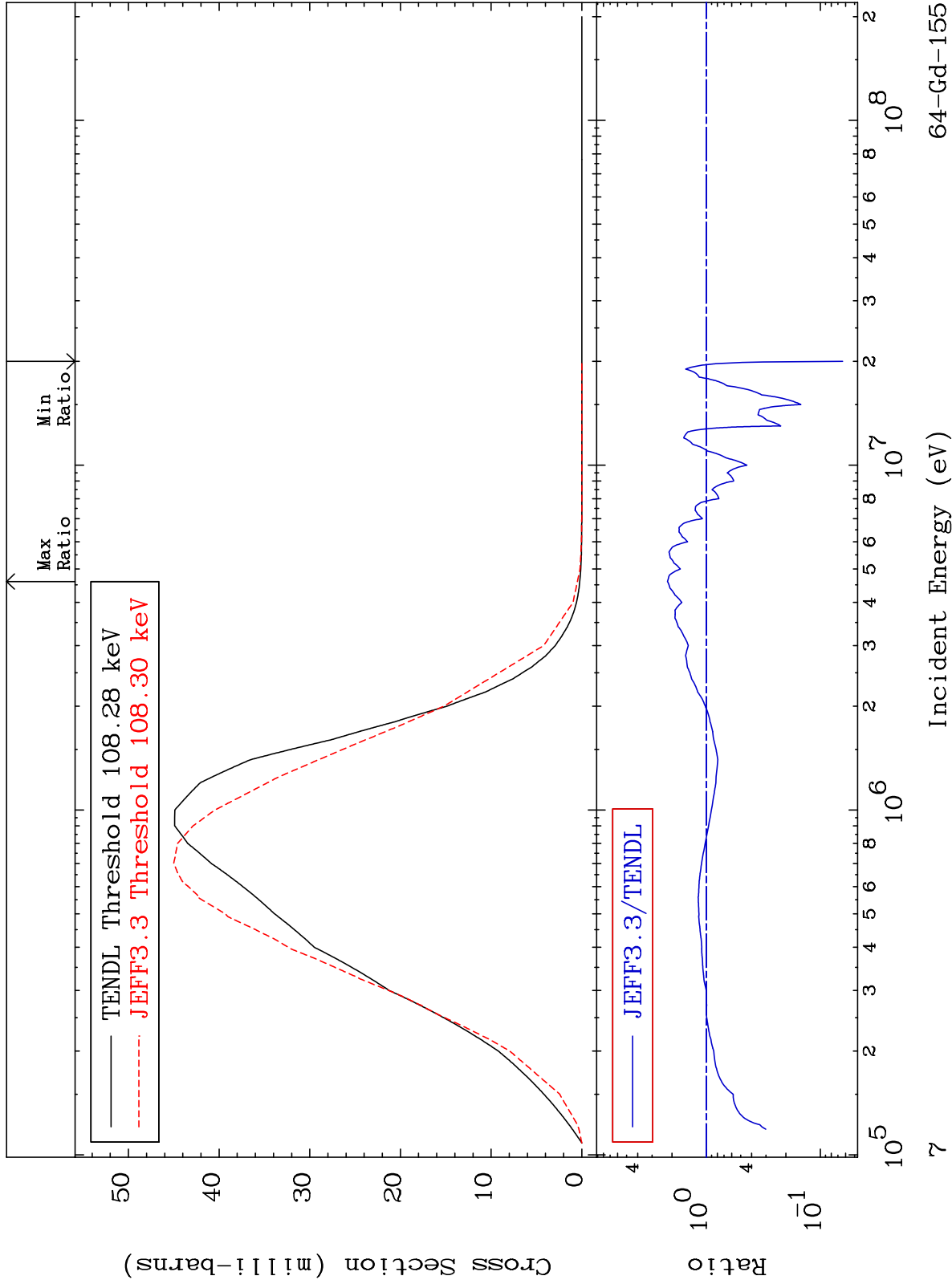
64-Gd-155
-93.67 To 474.8 %



MAT 6434

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

64-Gd-155
-93.64 To 118.9 %



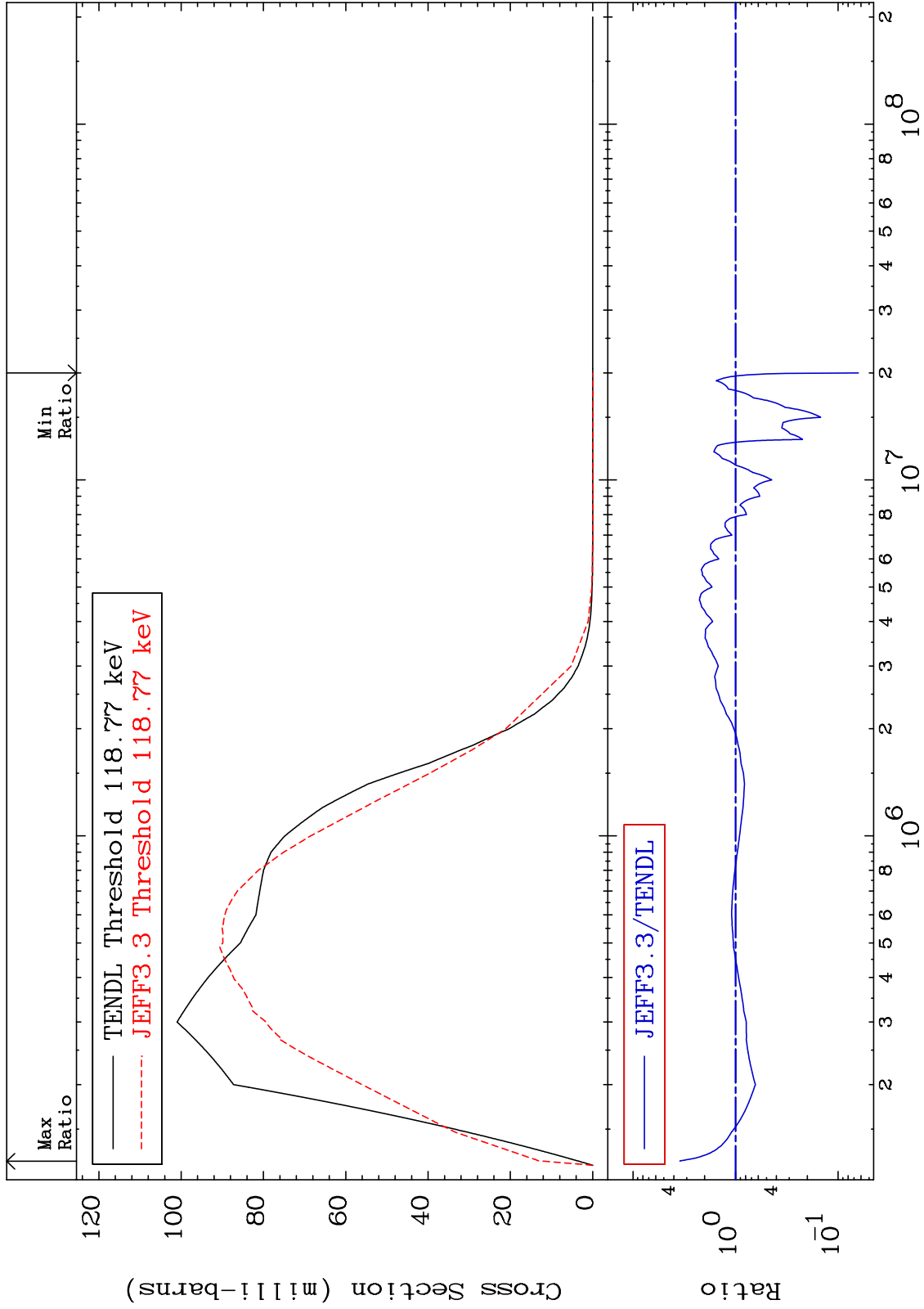
Incident Energy (eV)

64-Gd-155

MAT 6434

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

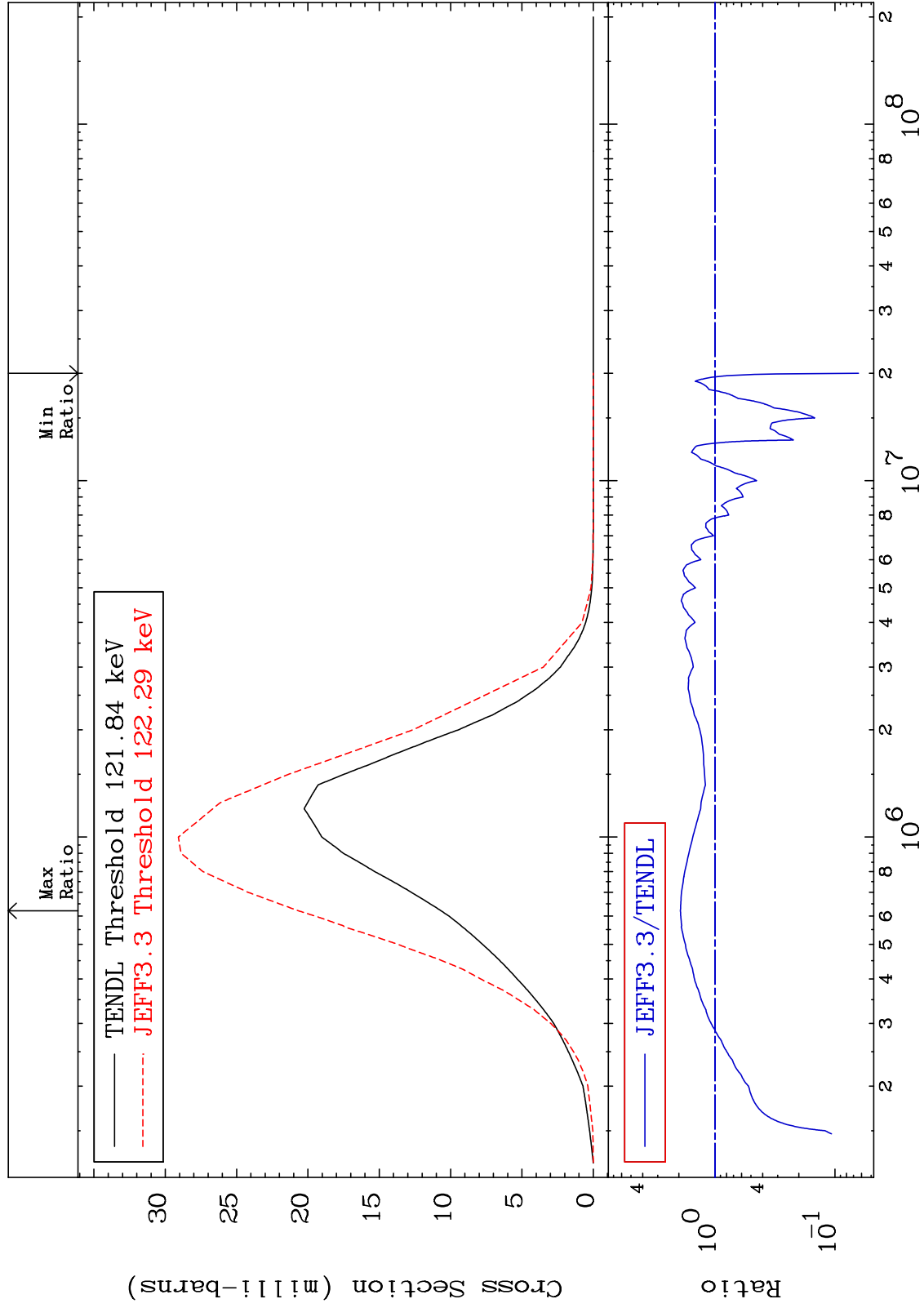
64-Gd-155
-93.65 To 247.8 %

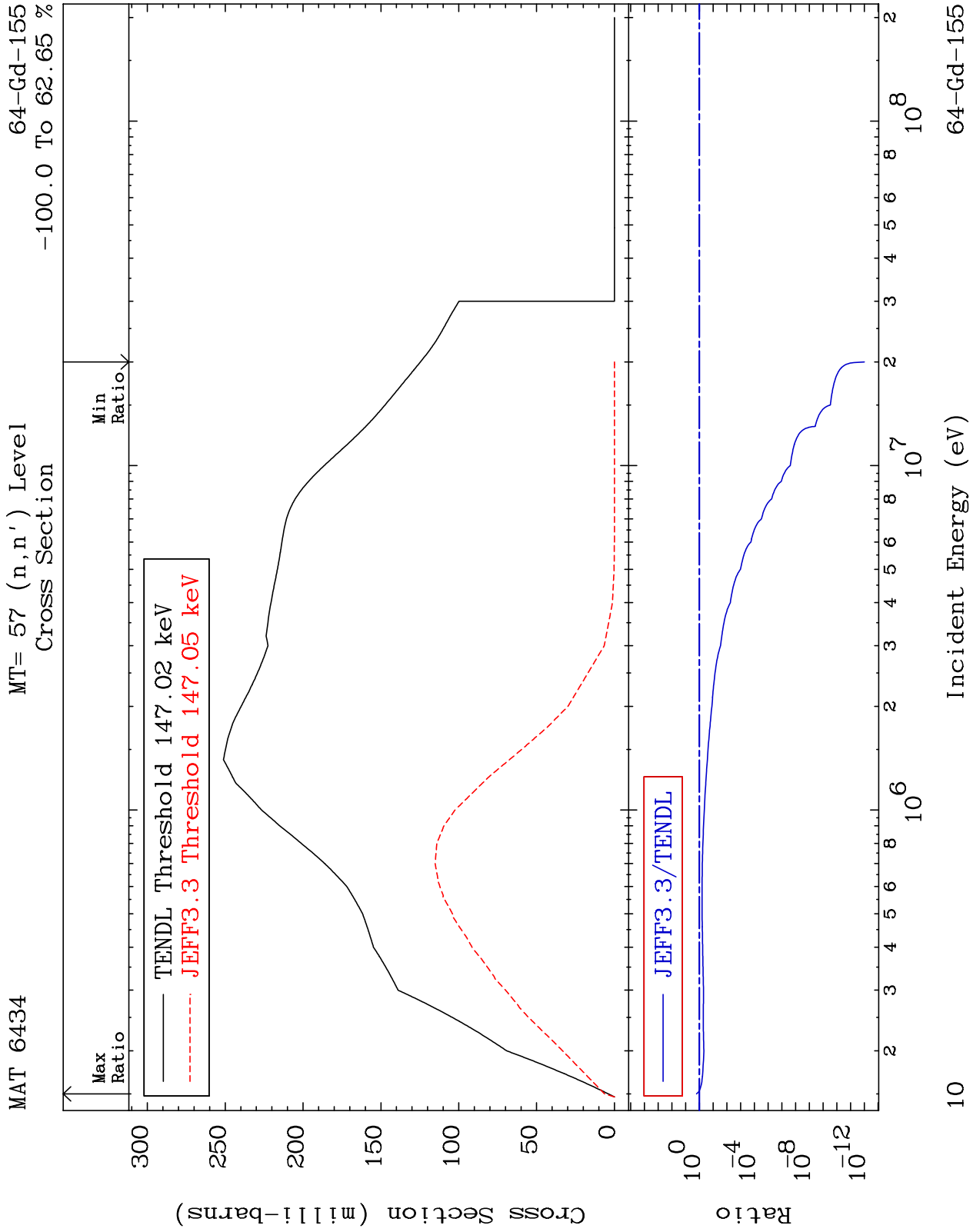


MAT 6434

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

64-Gd-155
-93.64 To 93.69 %

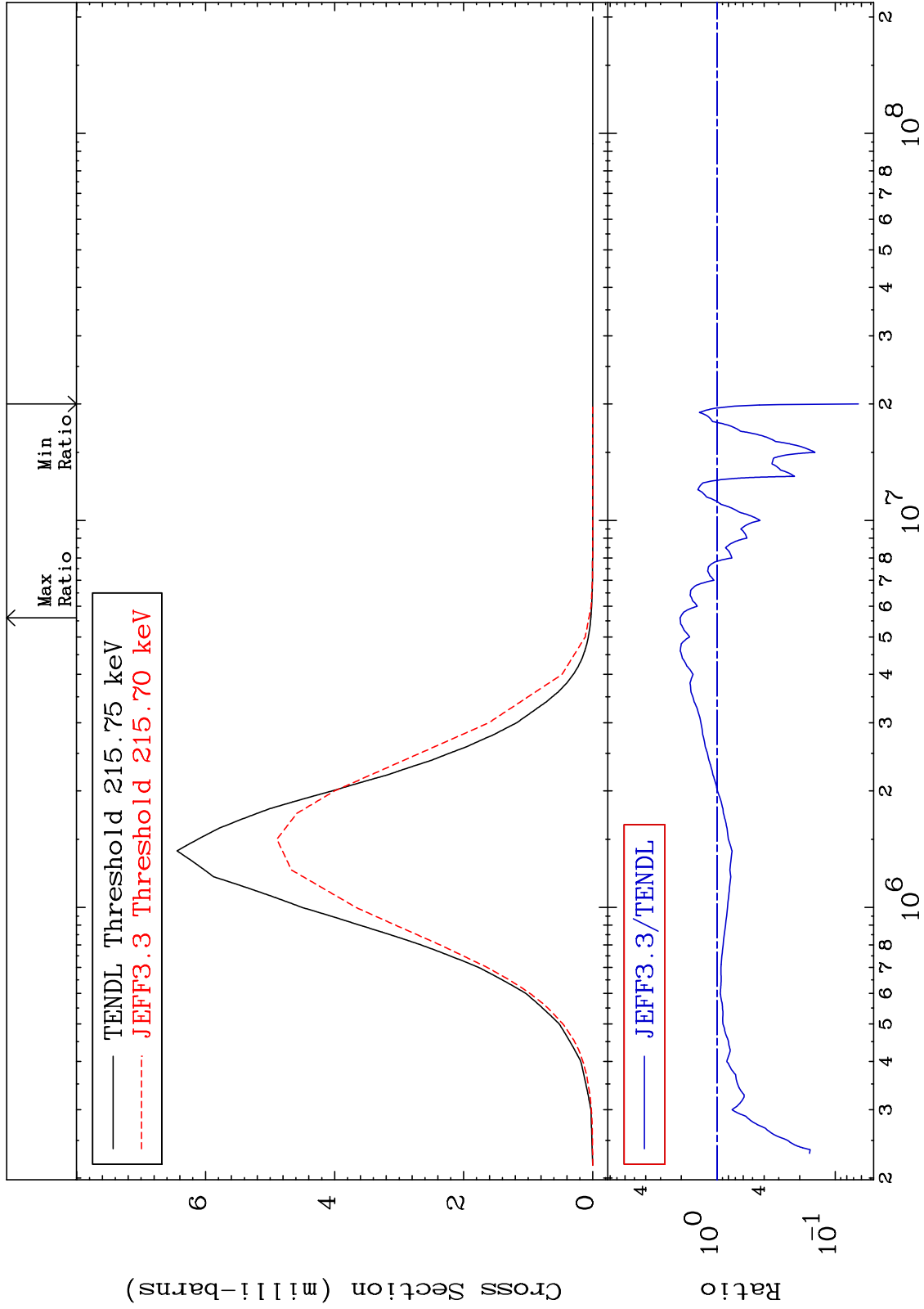




MAT 6434

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

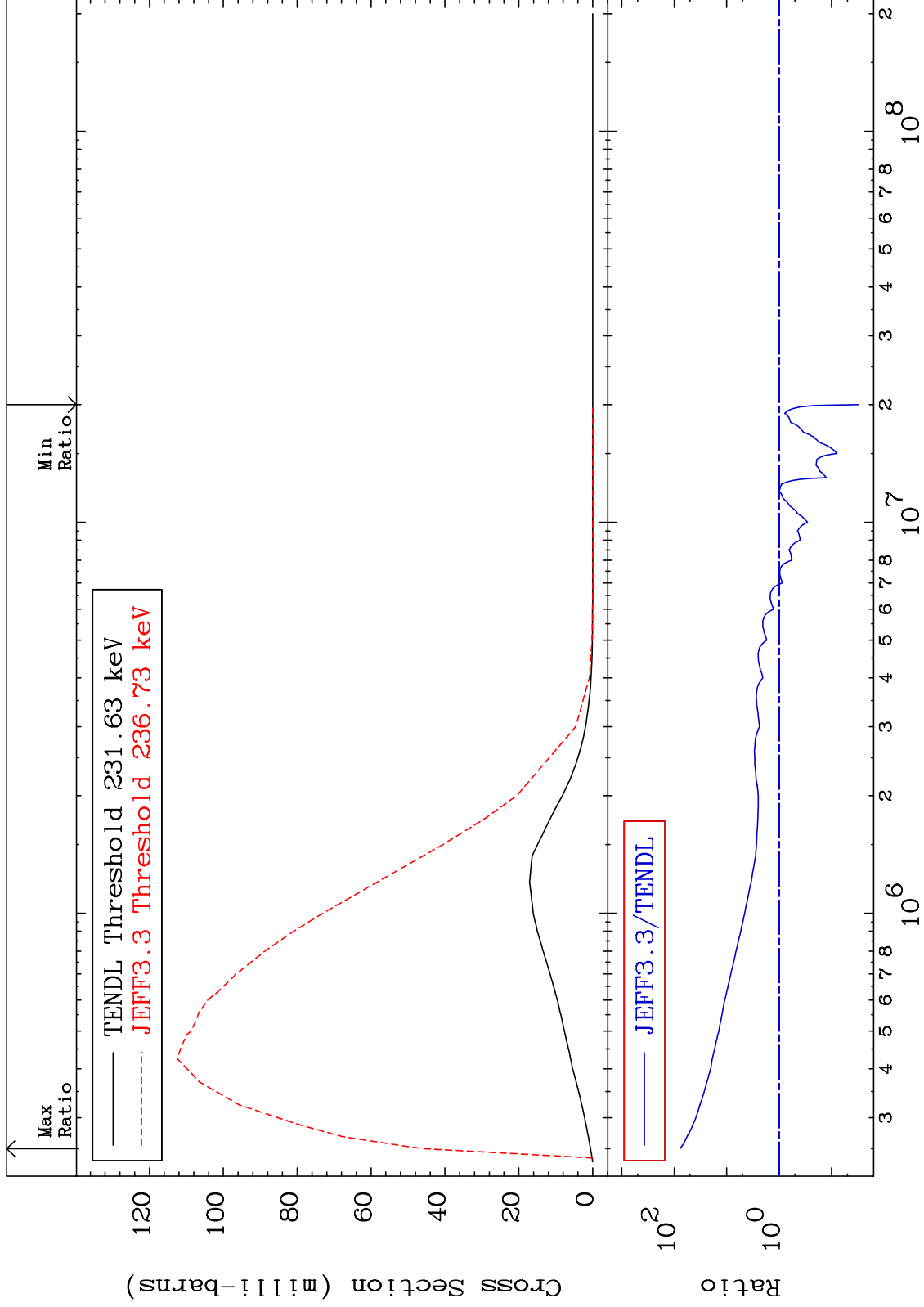
64-Gd-155
-93.63 To 105.3 %



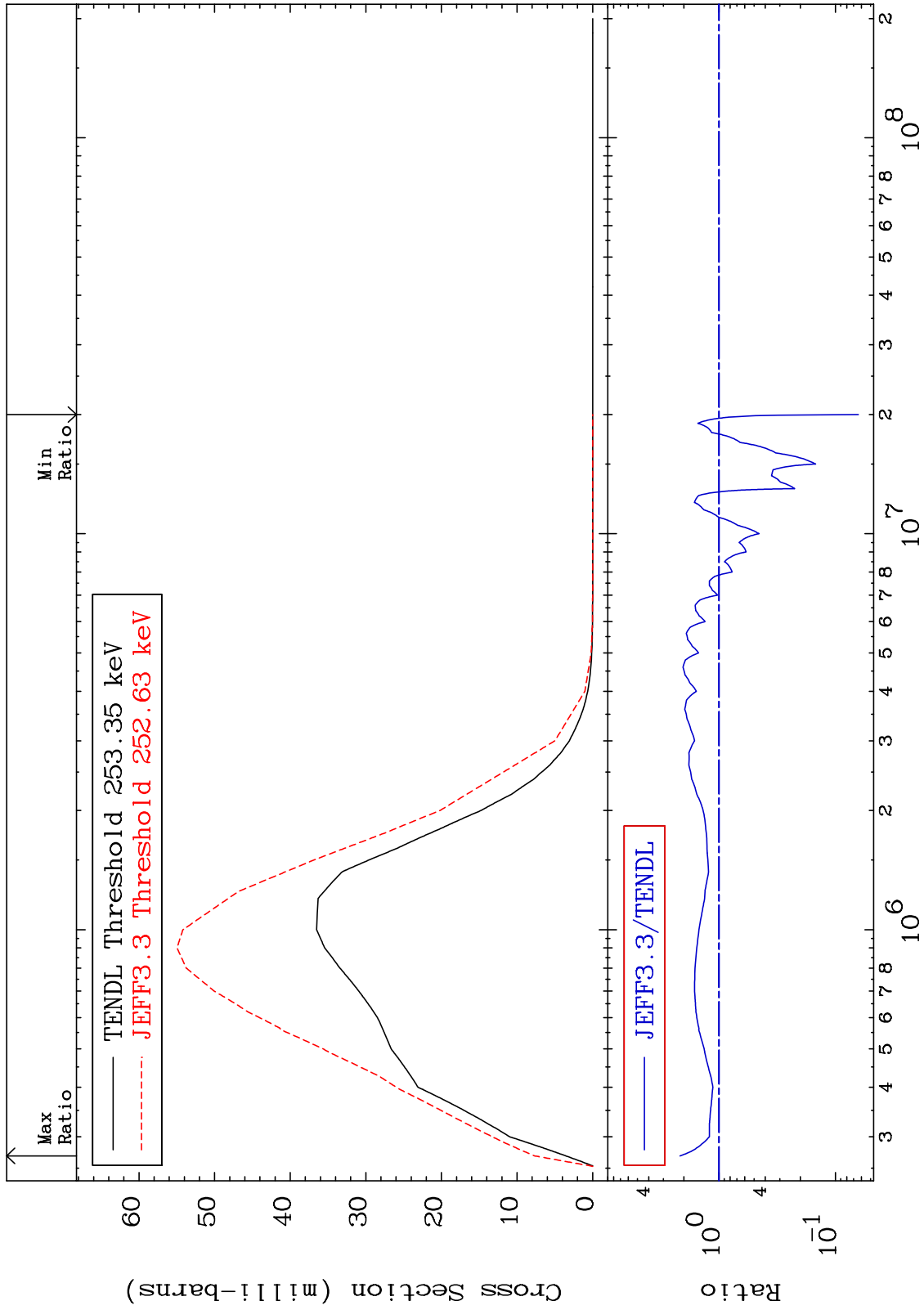
MAT 6434

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

64-Gd-155
-96.91 To 7653. %



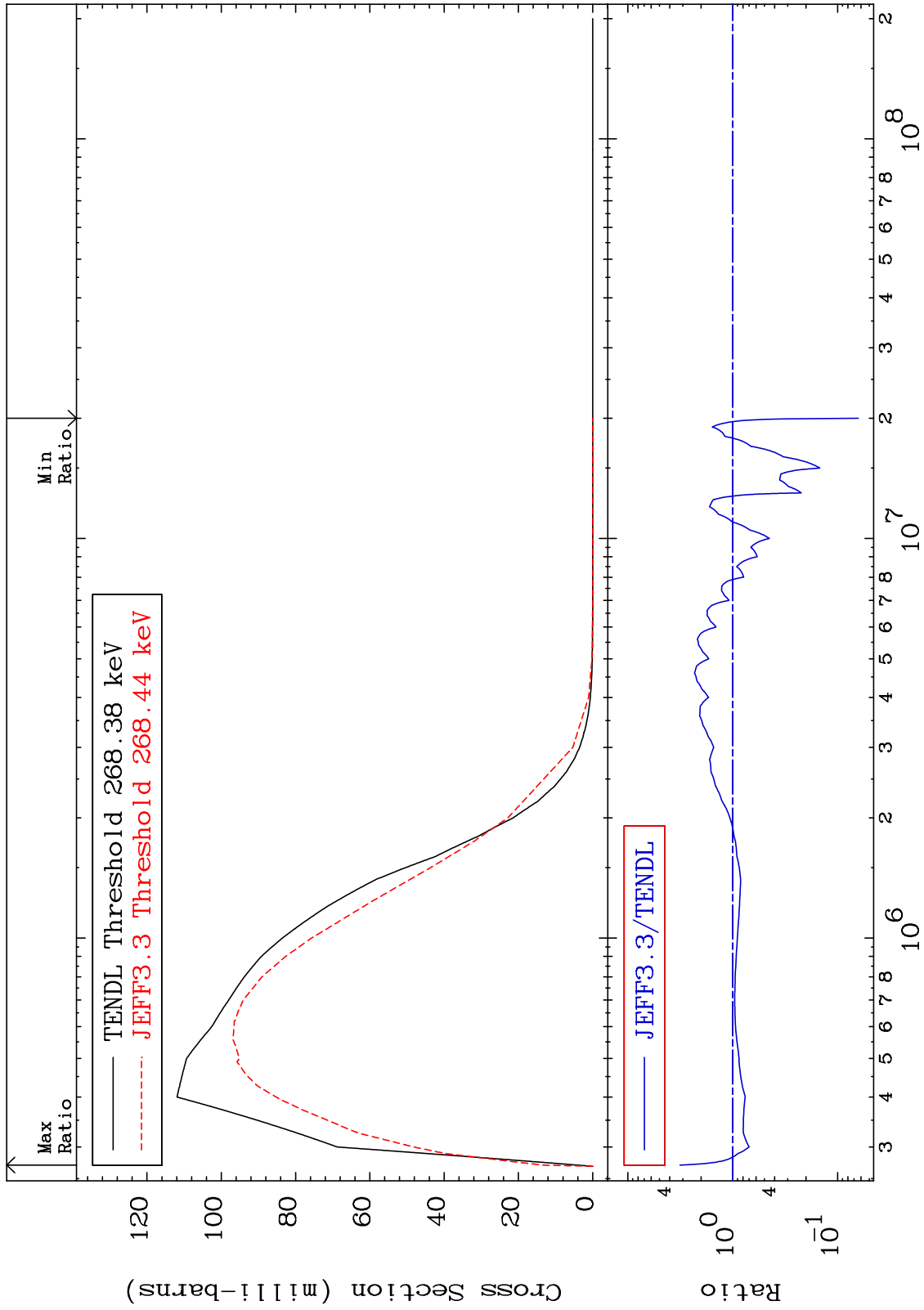
MAT 6434 MT= 60 (n,n') Level Cross Section 64-Gd-155
 -93.65 To 115.7 %



MAT 6434

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

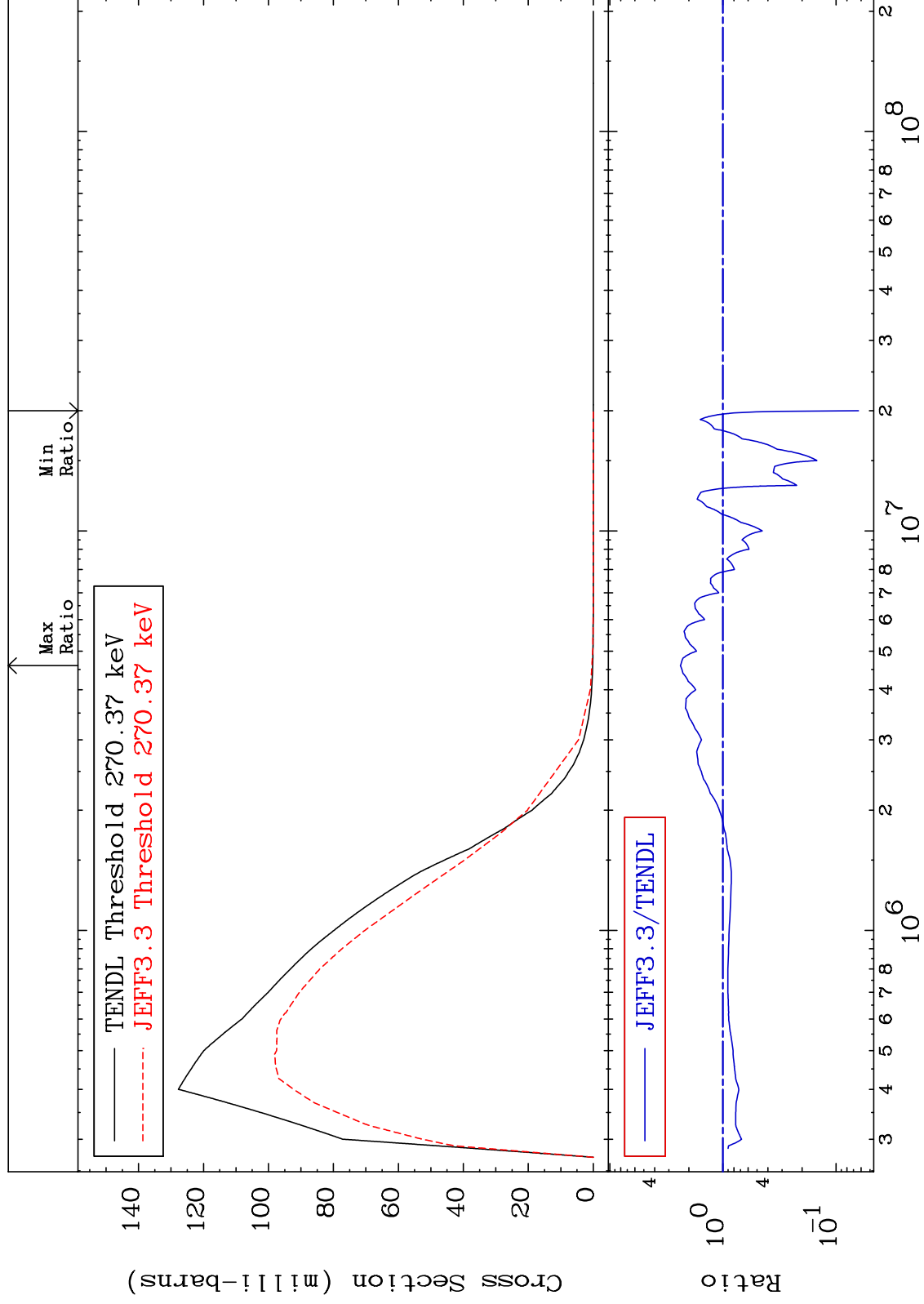
64-Gd-155
-93.66 To 218.4 %



MAT 6434

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

64-Gd-155
-93.67 To 137.2 %



15

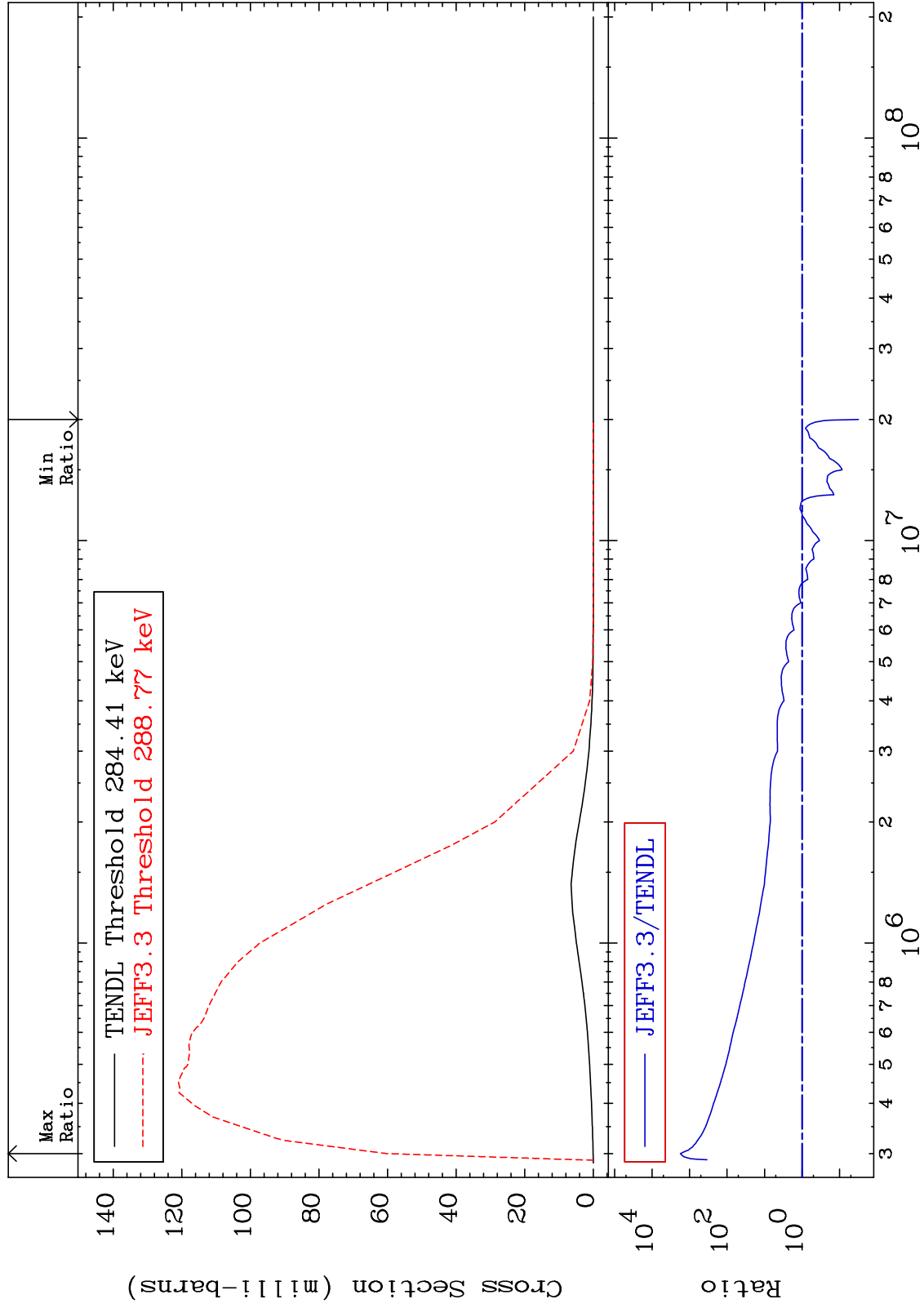
Incident Energy (eV)

64-Gd-155

MAT 6434

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

64-Gd-155
-96.89 To 9999. %



16

64-Gd-155

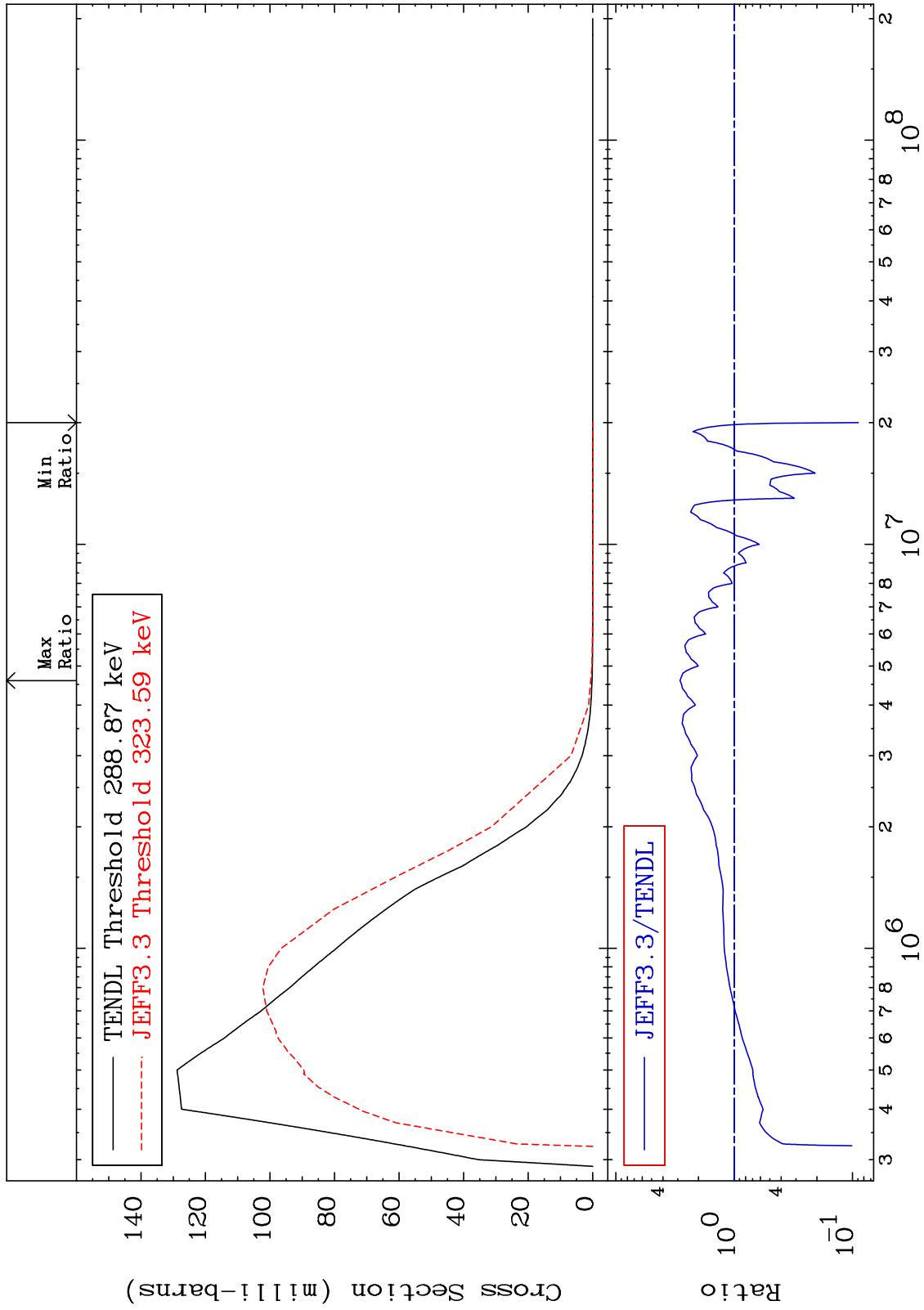
MAT 6434

MT= 64 (n,n') Level

64-Gd-155

-91.10 To 187.0 %

Cross Section



17

Incident Energy (eV)

64-Gd-155

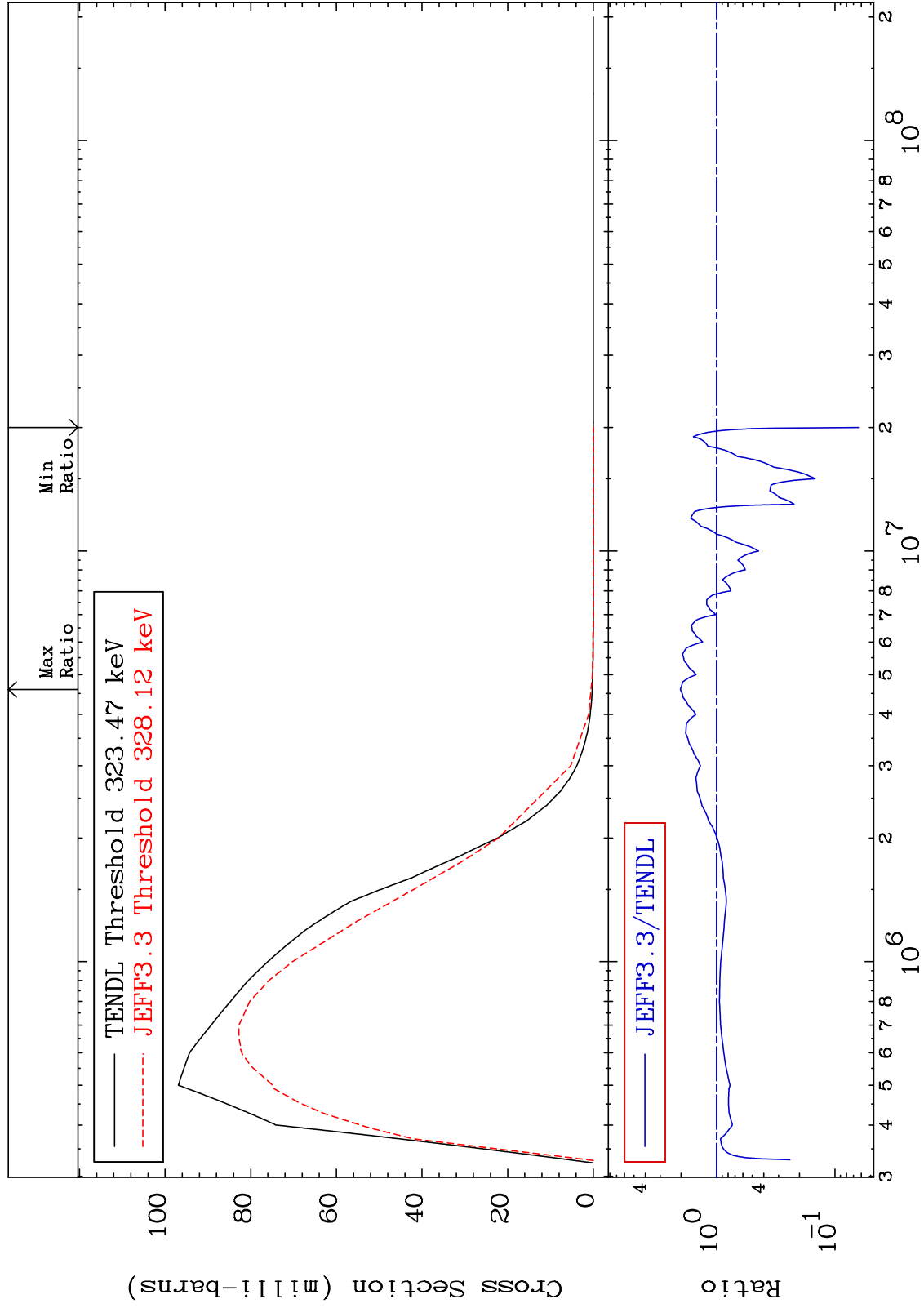
MAT 6434

MT= 65 (n,n') Level

64-Gd-155

-93.66 To 102.2 %

Cross Section



18

Incident Energy (eV)

64-Gd-155

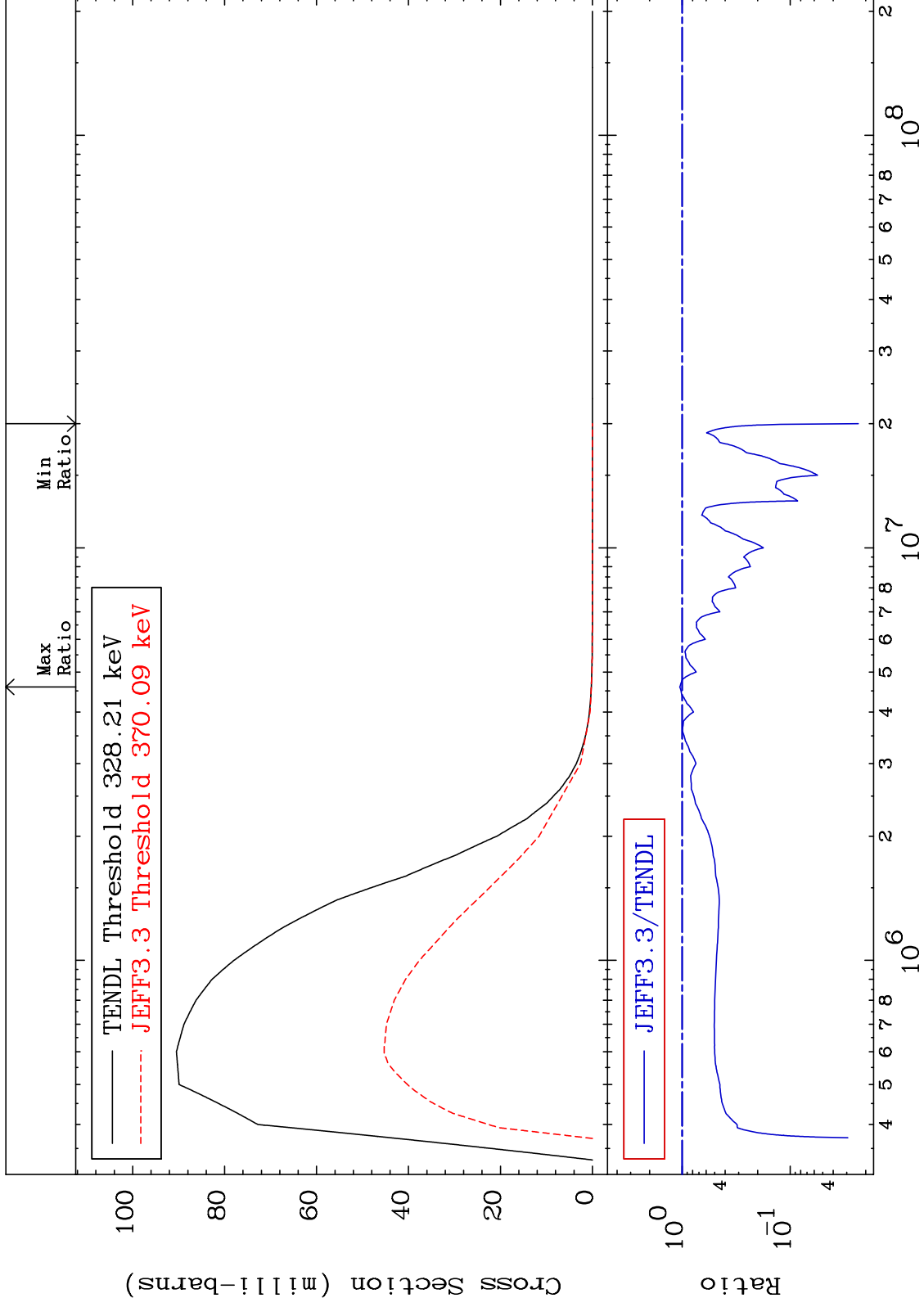
MAT 6434

MT= 66 (n,n') Level

64-Gd-155

-97.66 To 5.131 %

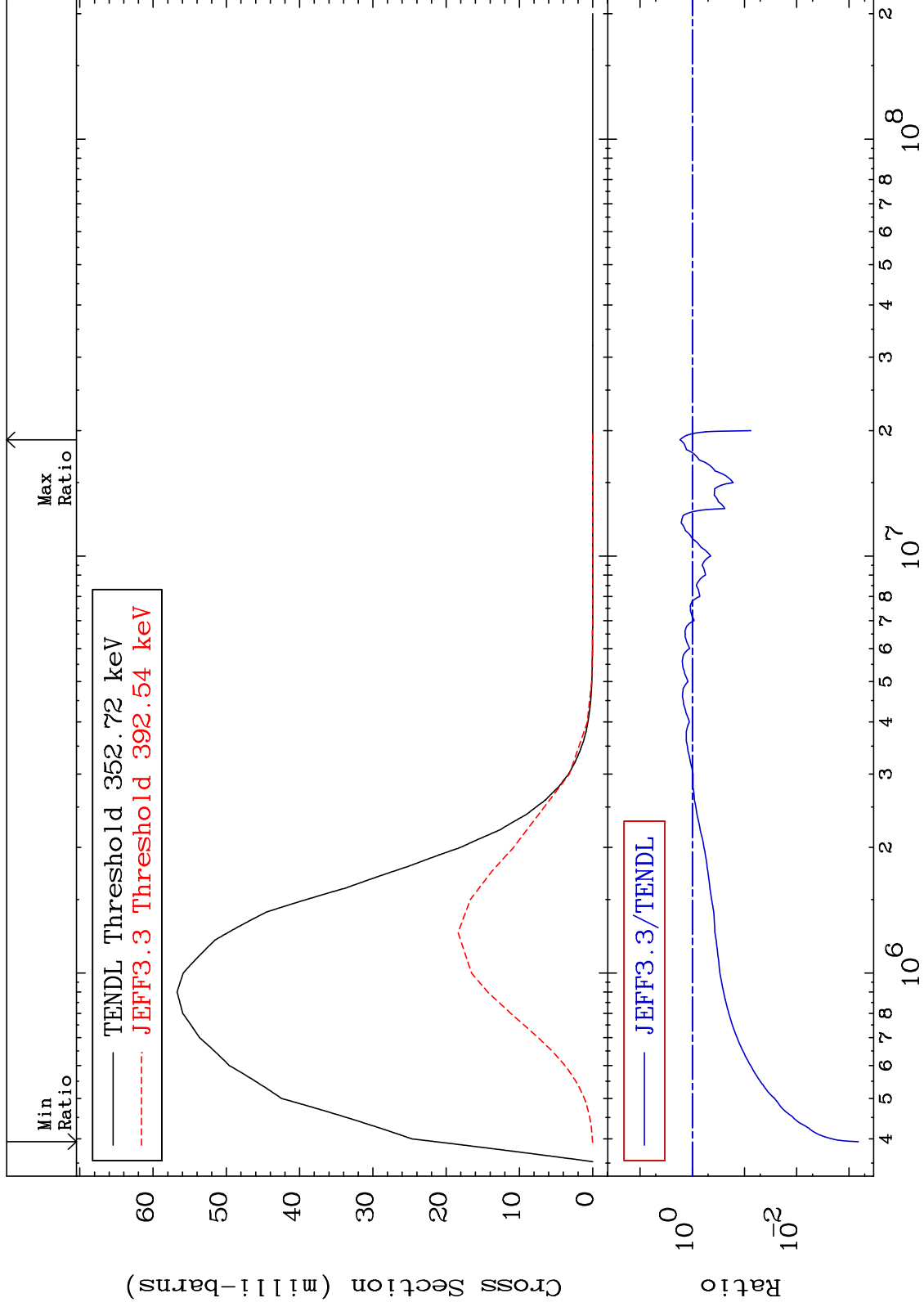
Cross Section



MAT 6434

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

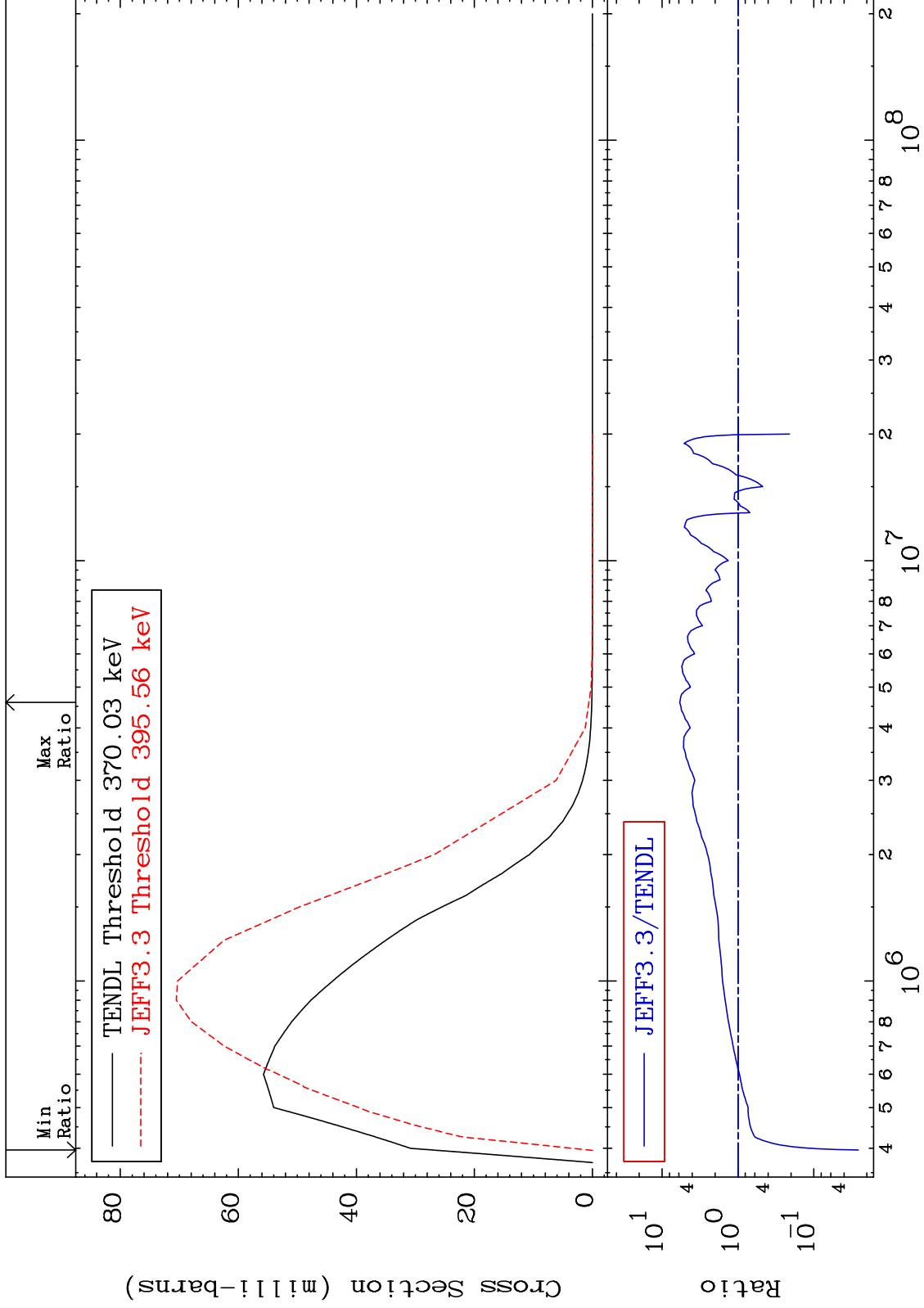
64-Gd-155
-99.93 To 71.88 %



MAT 6434

MT= 68 (n,n') Level
Cross Section

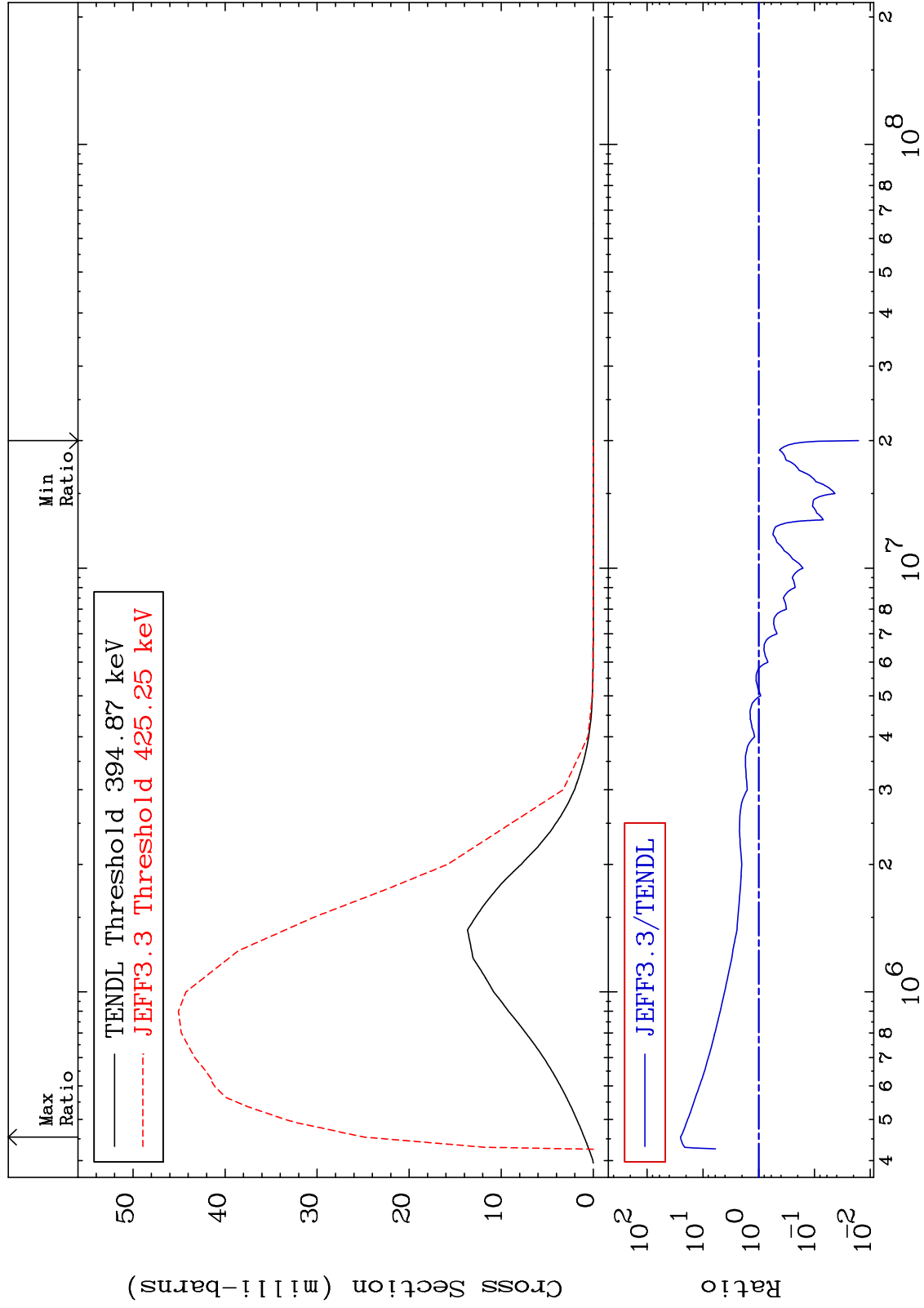
64-Gd-155
-97.41 To 483.3 %



MAT 6434

MT= 69 (n,n') Level
Cross Section

64-Gd-155
-98.37 To 2428. %



22

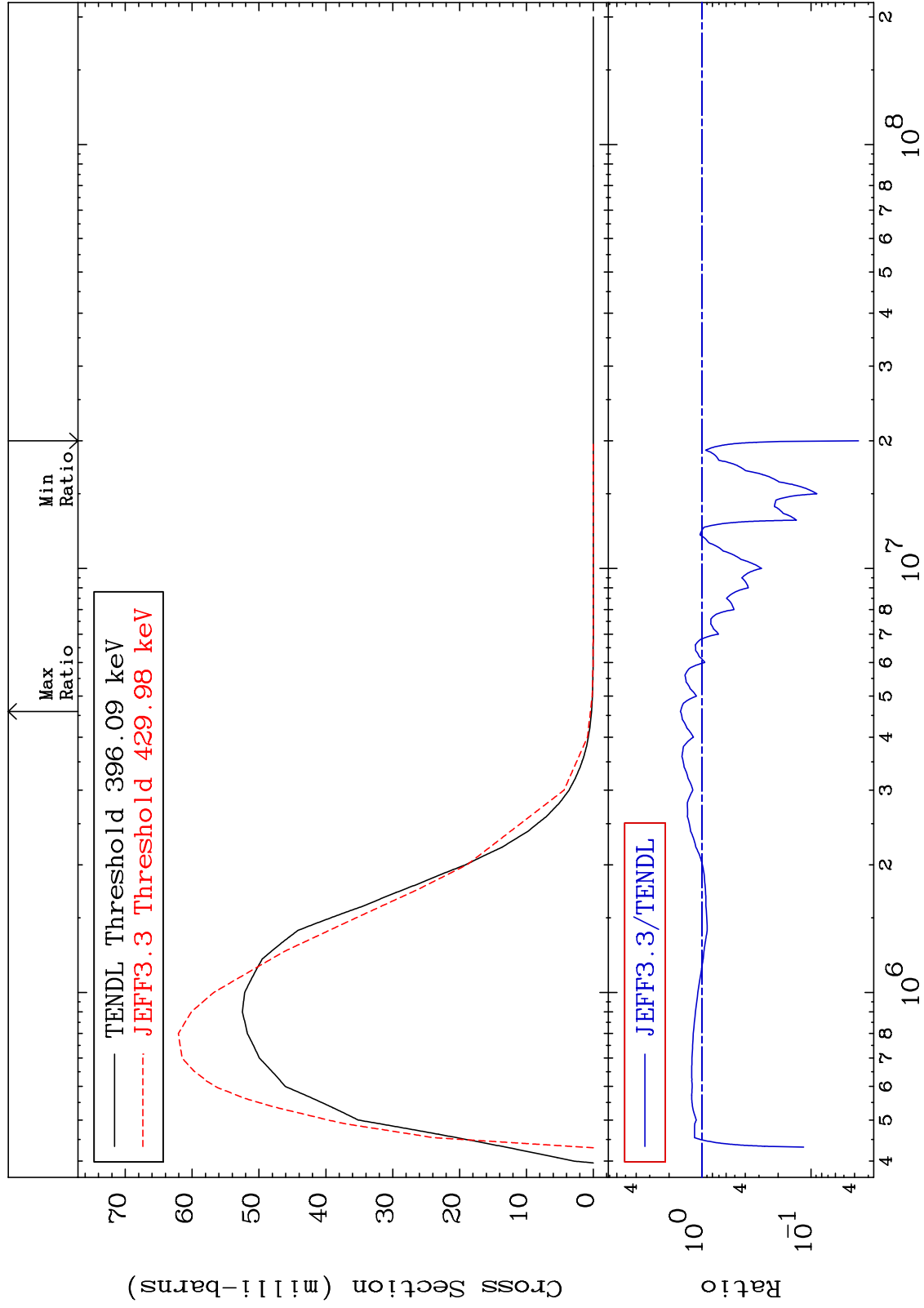
Incident Energy (eV)

64-Gd-155

MAT 6434

MT= 70 (n,n') Level
Cross Section

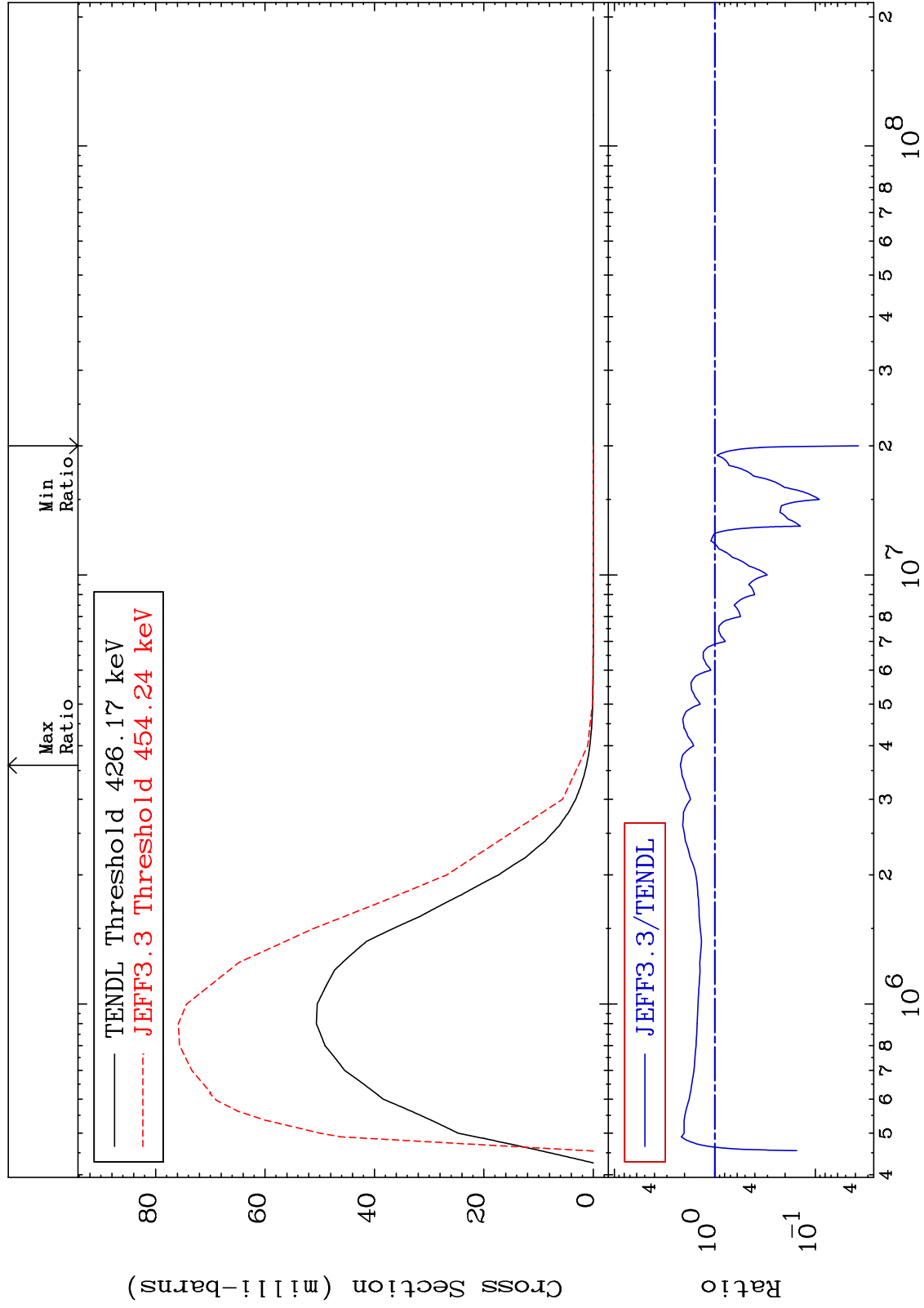
64-Gd-155
-96.32 To 57.17 %



MAT 6434

MT= 71 (n,n') Level
Cross Section

64-Gd-155
-96.28 To 120.1 %



24

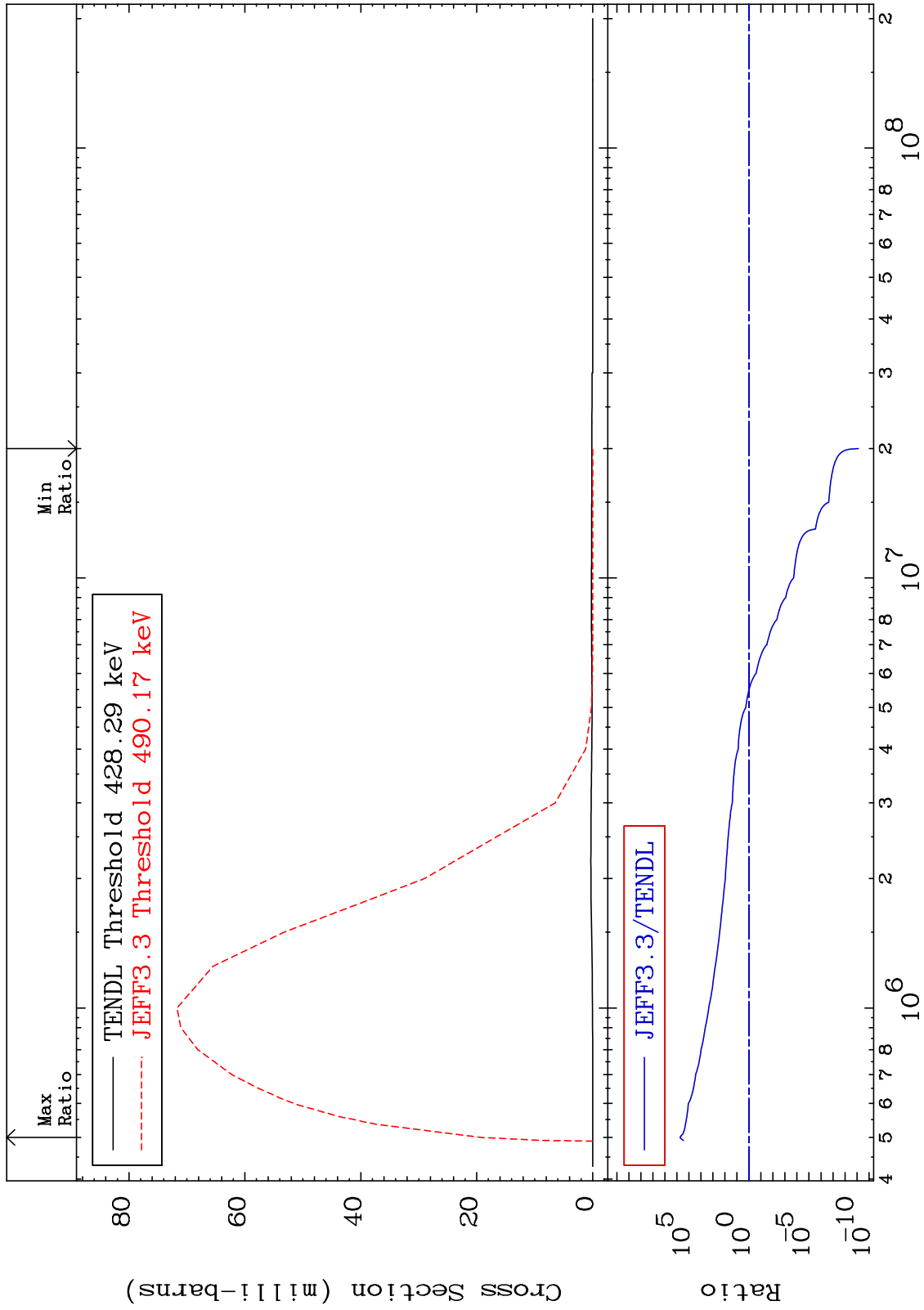
Incident Energy (eV)

64-Gd-155

MAT 6434

MT= 72 (n,n') Level
Cross Section

64-Gd-155
-100.0 To 9999. %



25

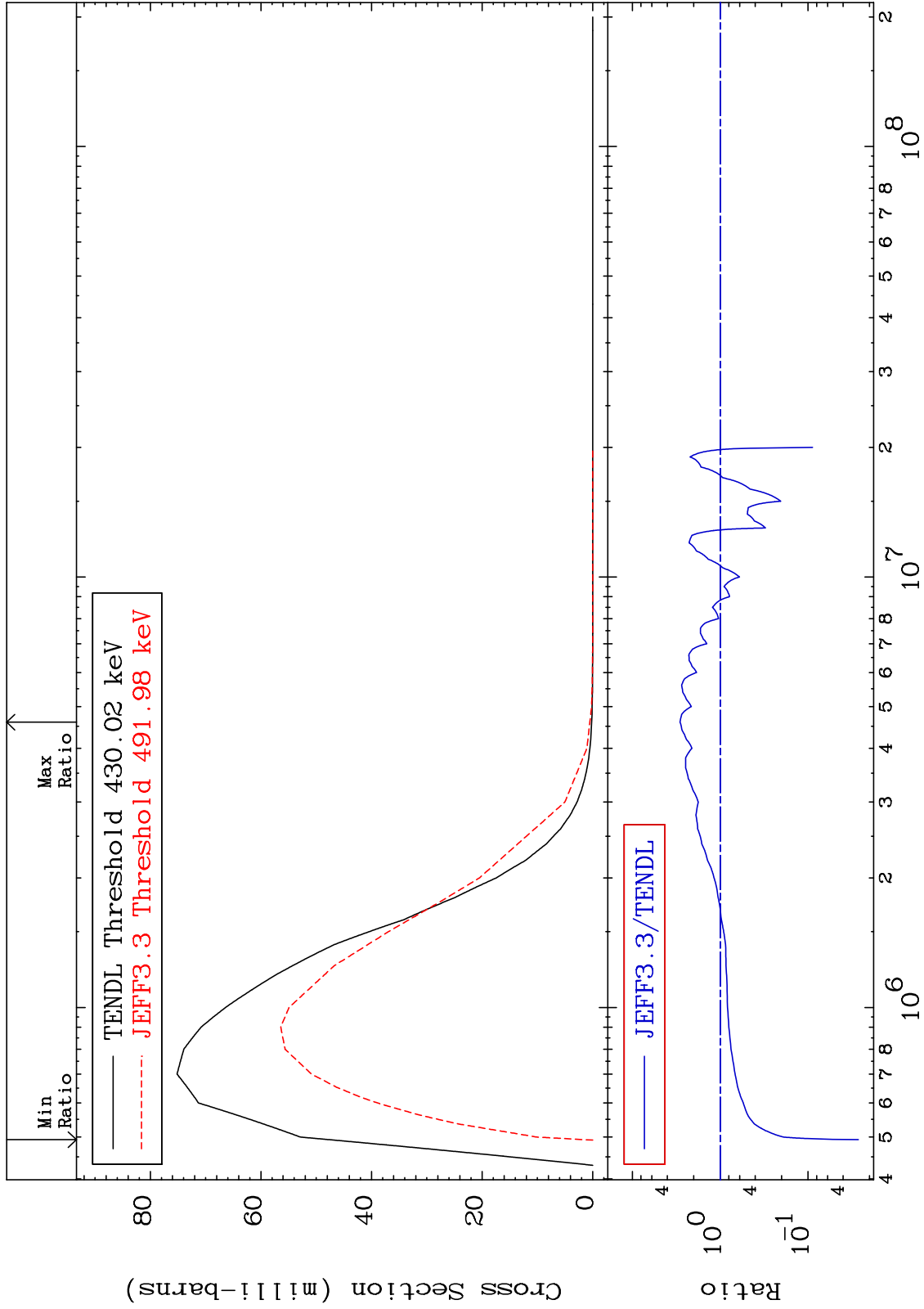
Incident Energy (eV)

64-Gd-155

MAT 6434

MT= 73 (n,n') Level
Cross Section

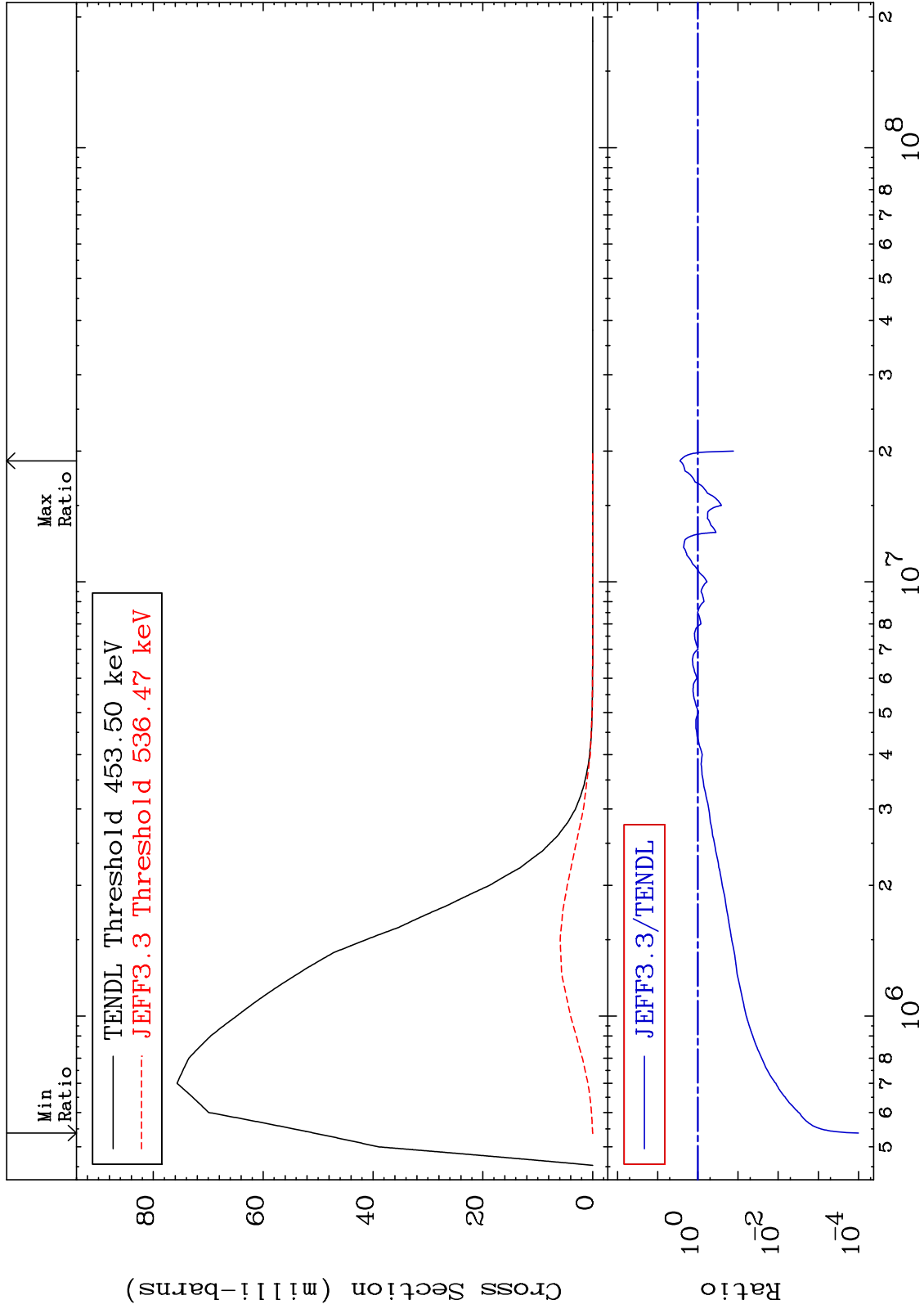
64-Gd-155
-97.33 To 186.7 %



MAT 6434

MT= 74 (n,n') Level
Cross Section

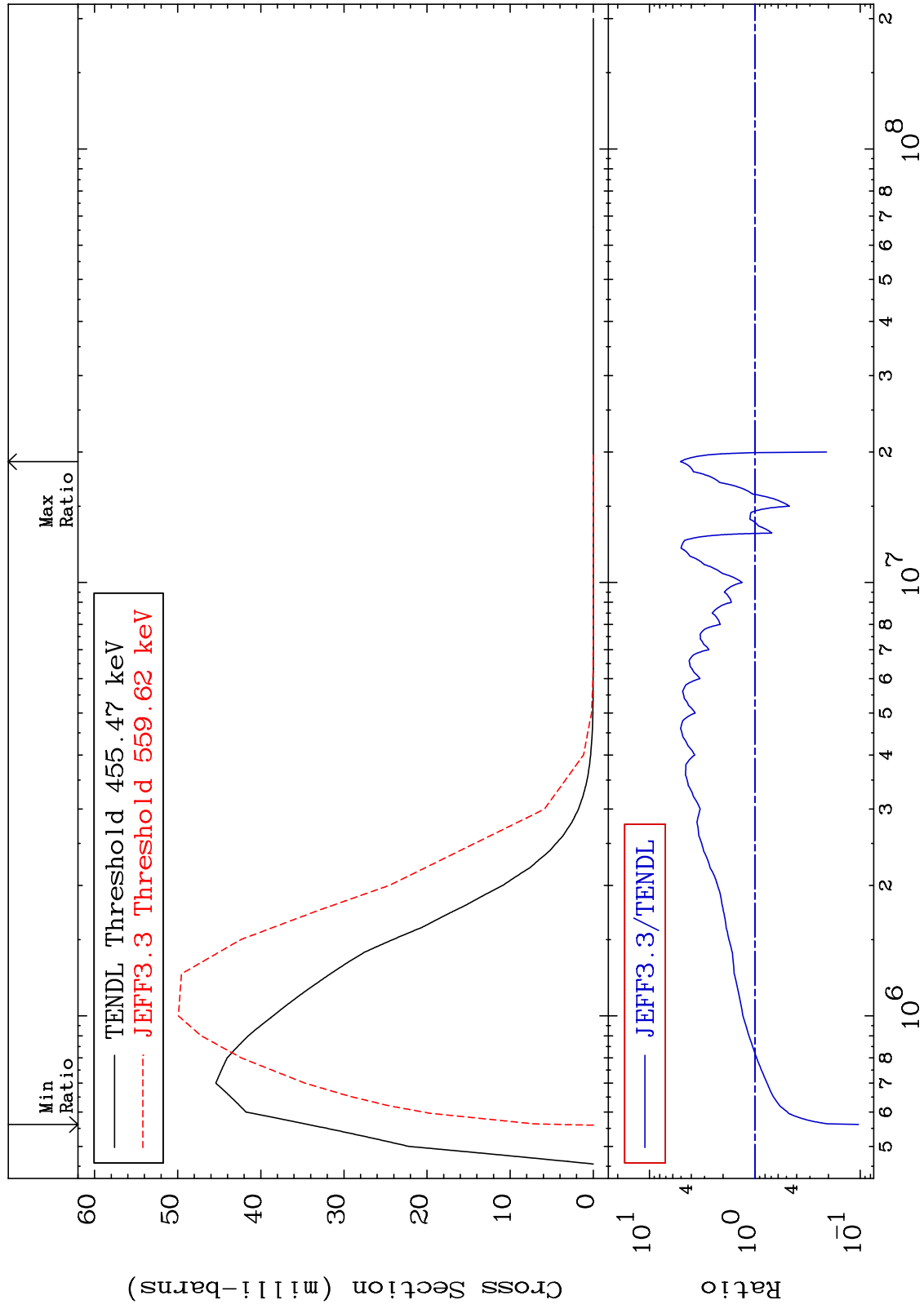
64-Gd-155
-99.99 To 178.1 %



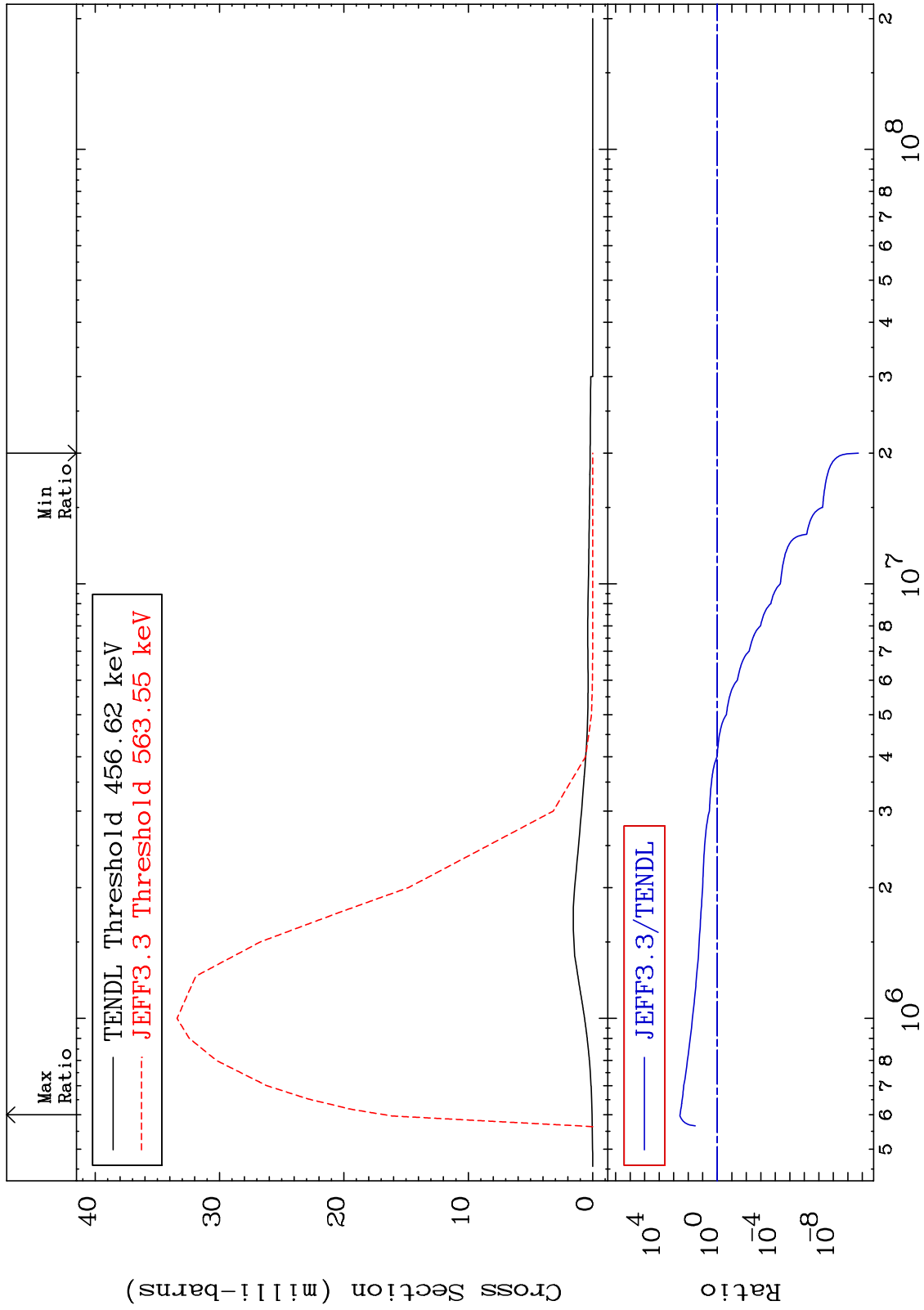
MAT 6434

MT= 75 (n,n') Level
Cross Section

64-Gd-155
-89.63 To 407.4 %



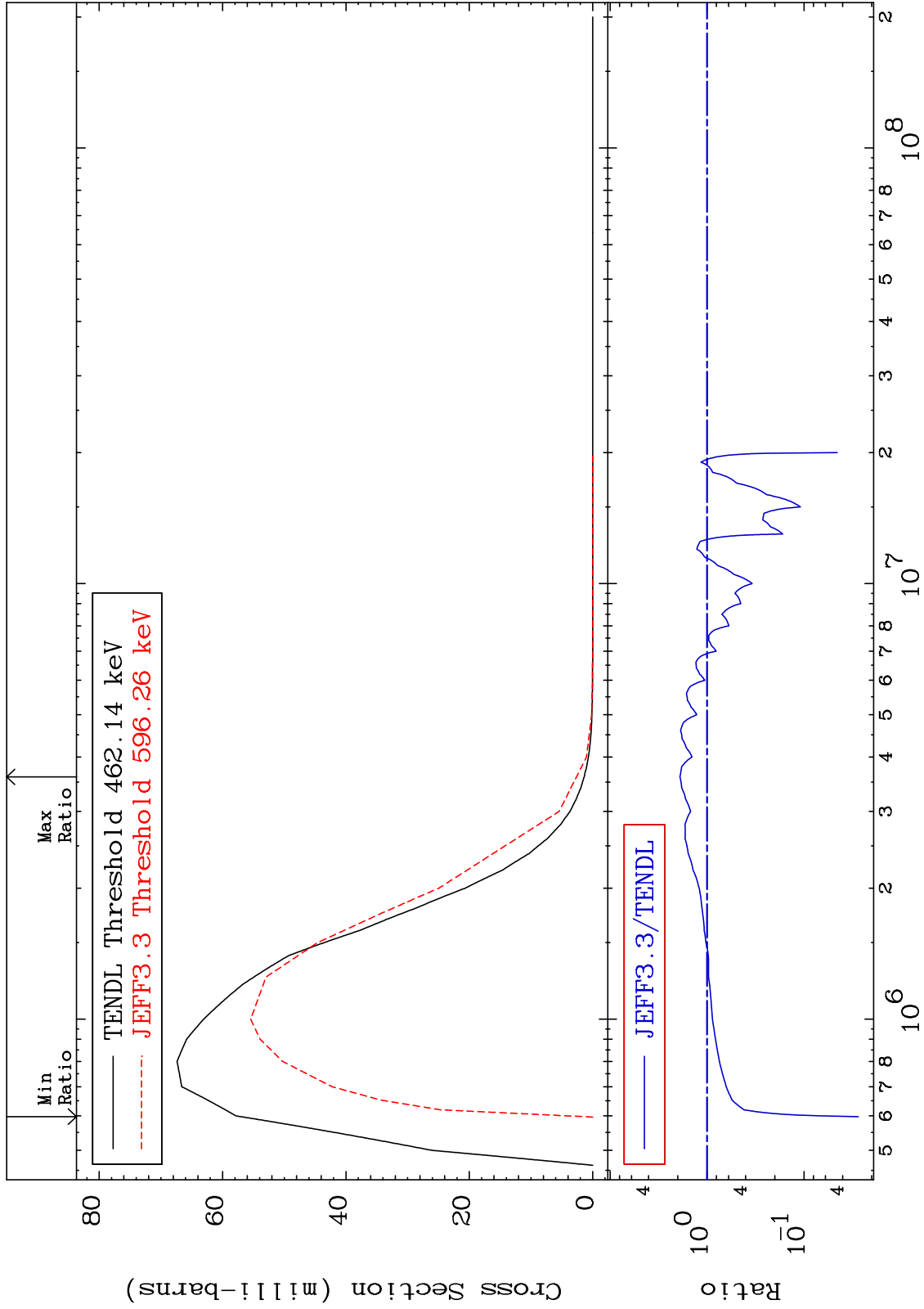
MAT 6434 MT= 76 (n,n') Level Cross Section -100.0 To 9999. % 64-Gd-155



MAT 6434

MT= 77 (n,n') Level
Cross Section

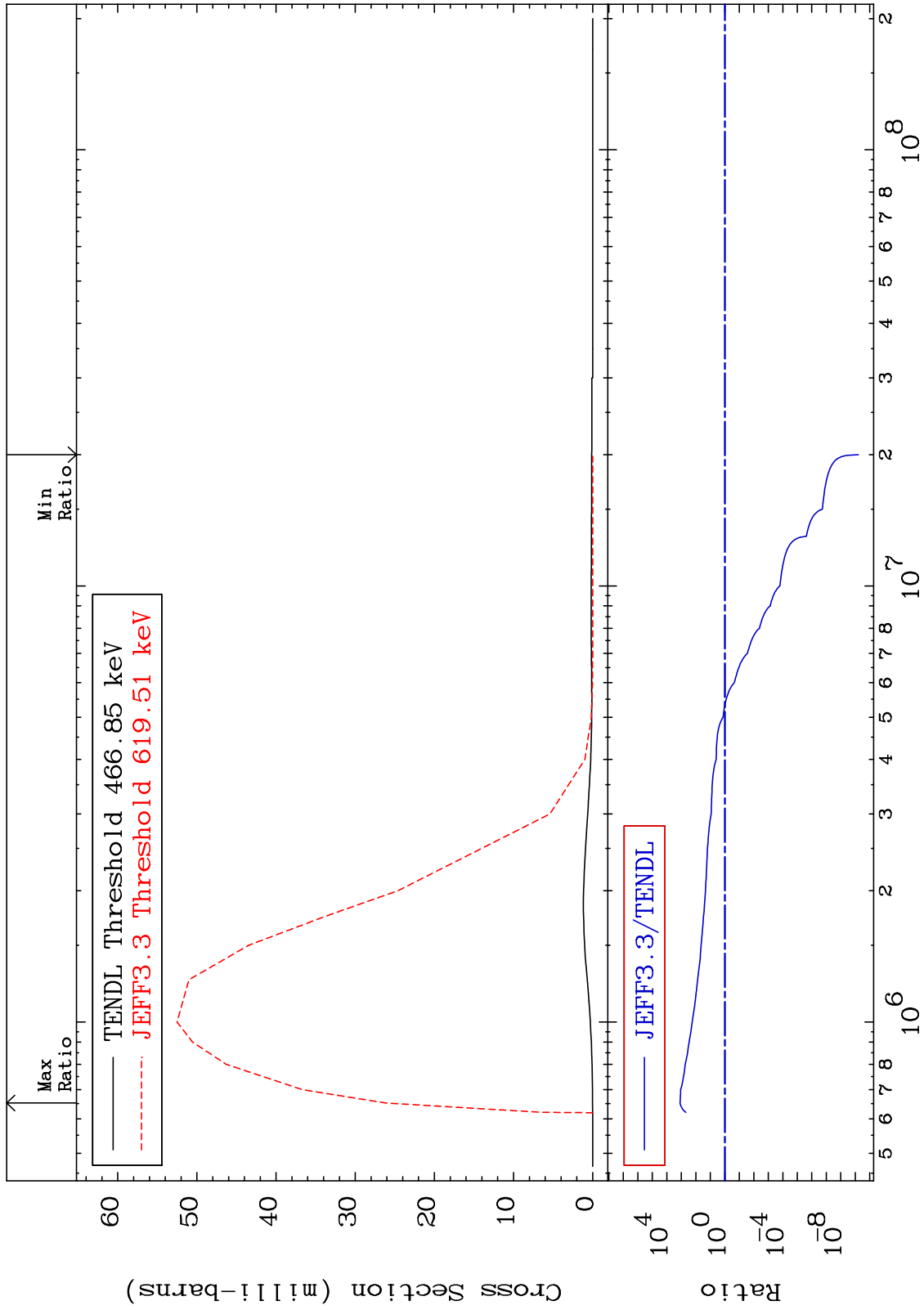
64-Gd-155
-97.25 To 89.88 %



30

64-Gd-155

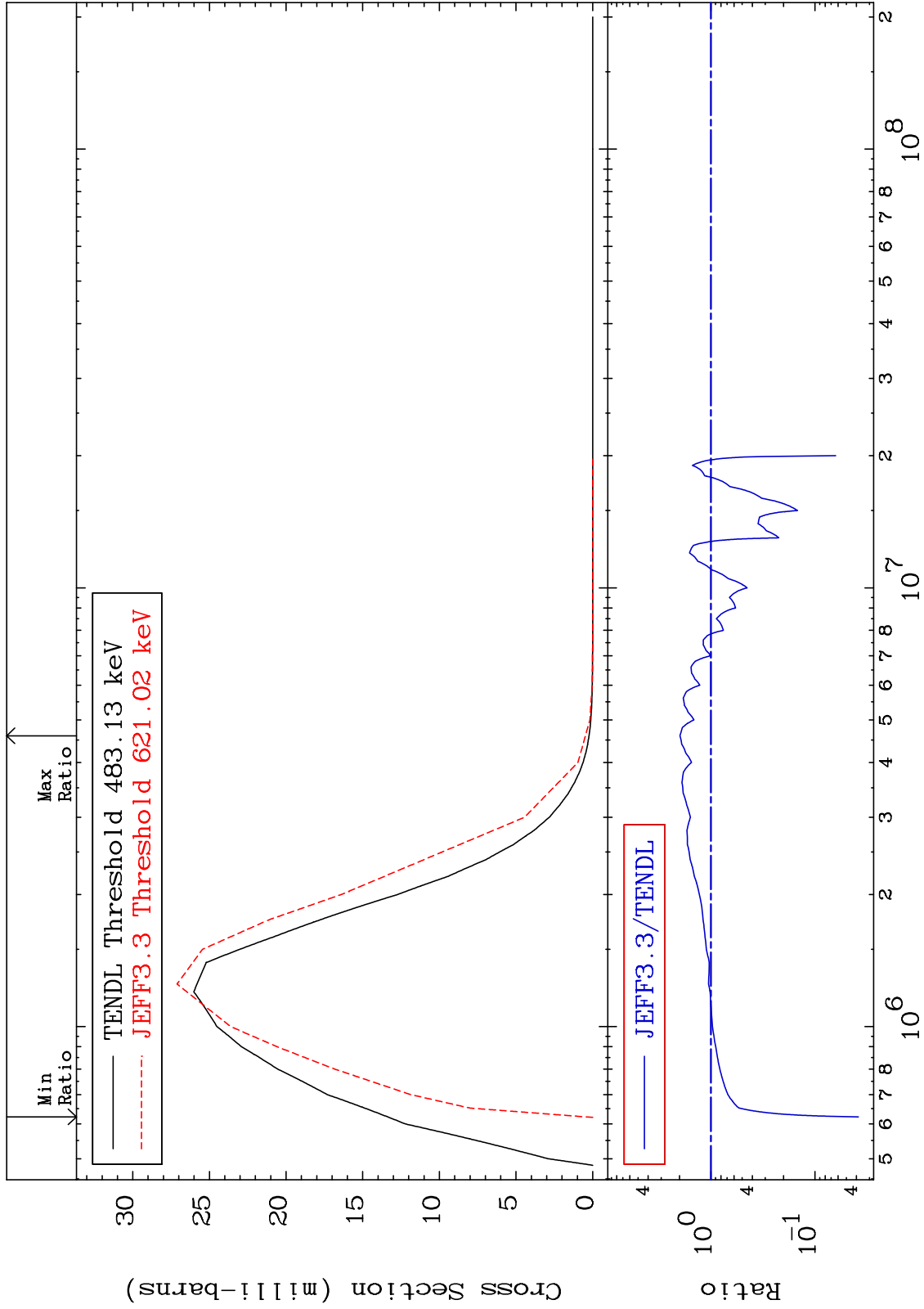
MAT 6434 MT= 78 (n,n') Level 64-Gd-155
 Cross Section -100.0 To 9999. %



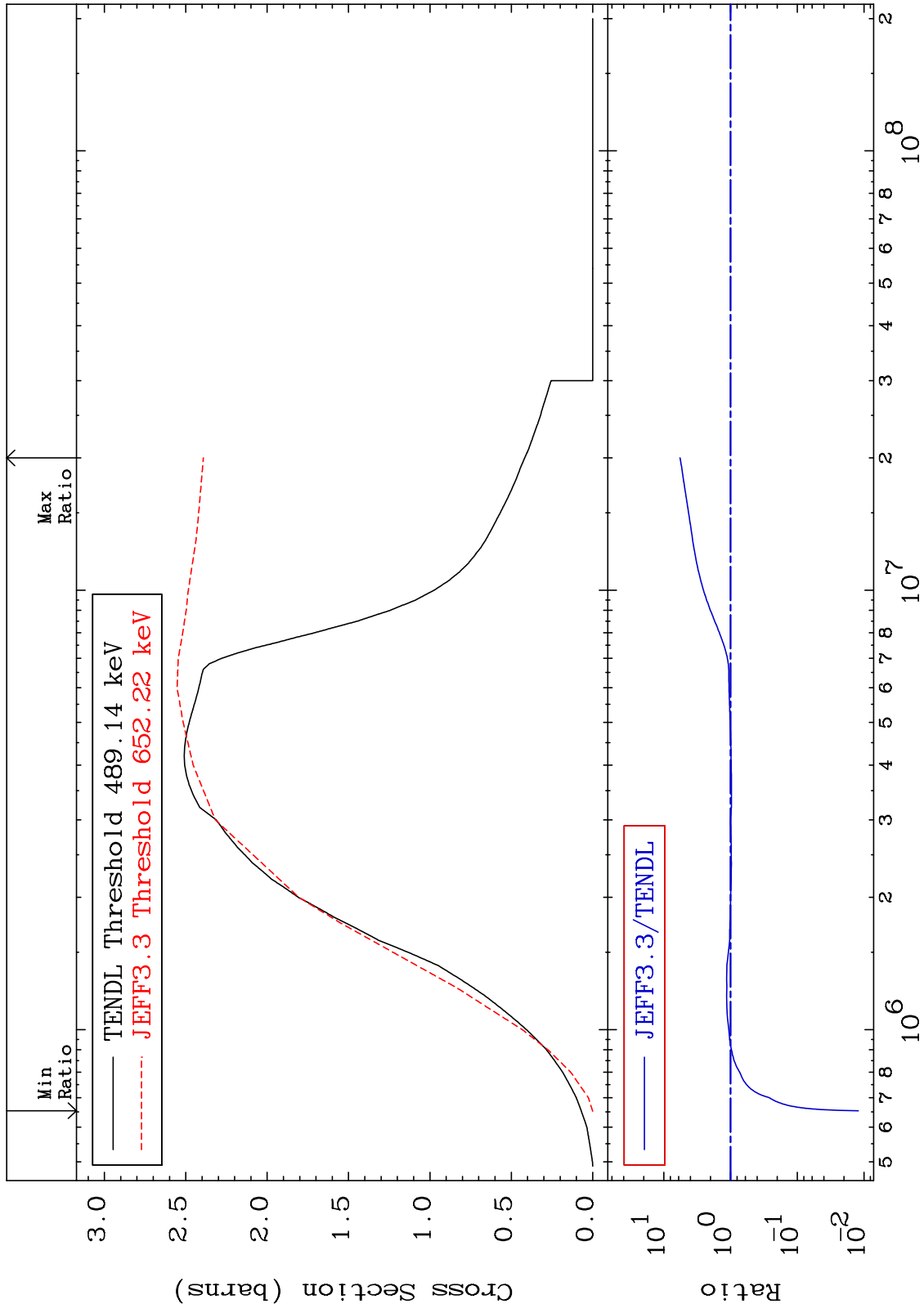
MAT 6434

MT= 79 (n,n') Level
Cross Section

64-Gd-155
-96.17 To 97.56 %



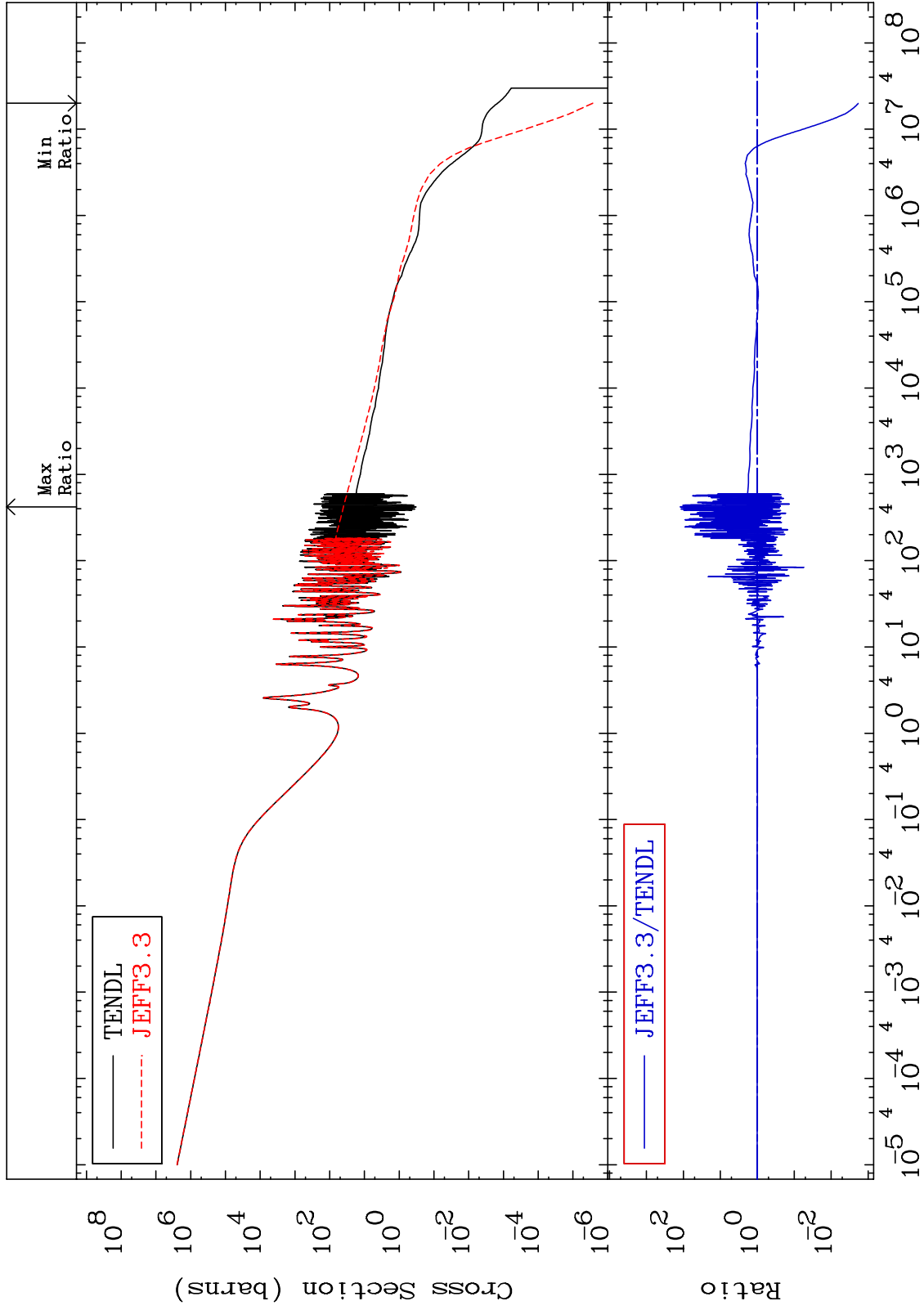
MAT 6434 (n, n') Continuum Cross Section 64-Gd-155 -98.79 To 472.4 %



MAT 6434

(n, γ)
Cross Section

64-Gd-155
-99.82 To 9999. %



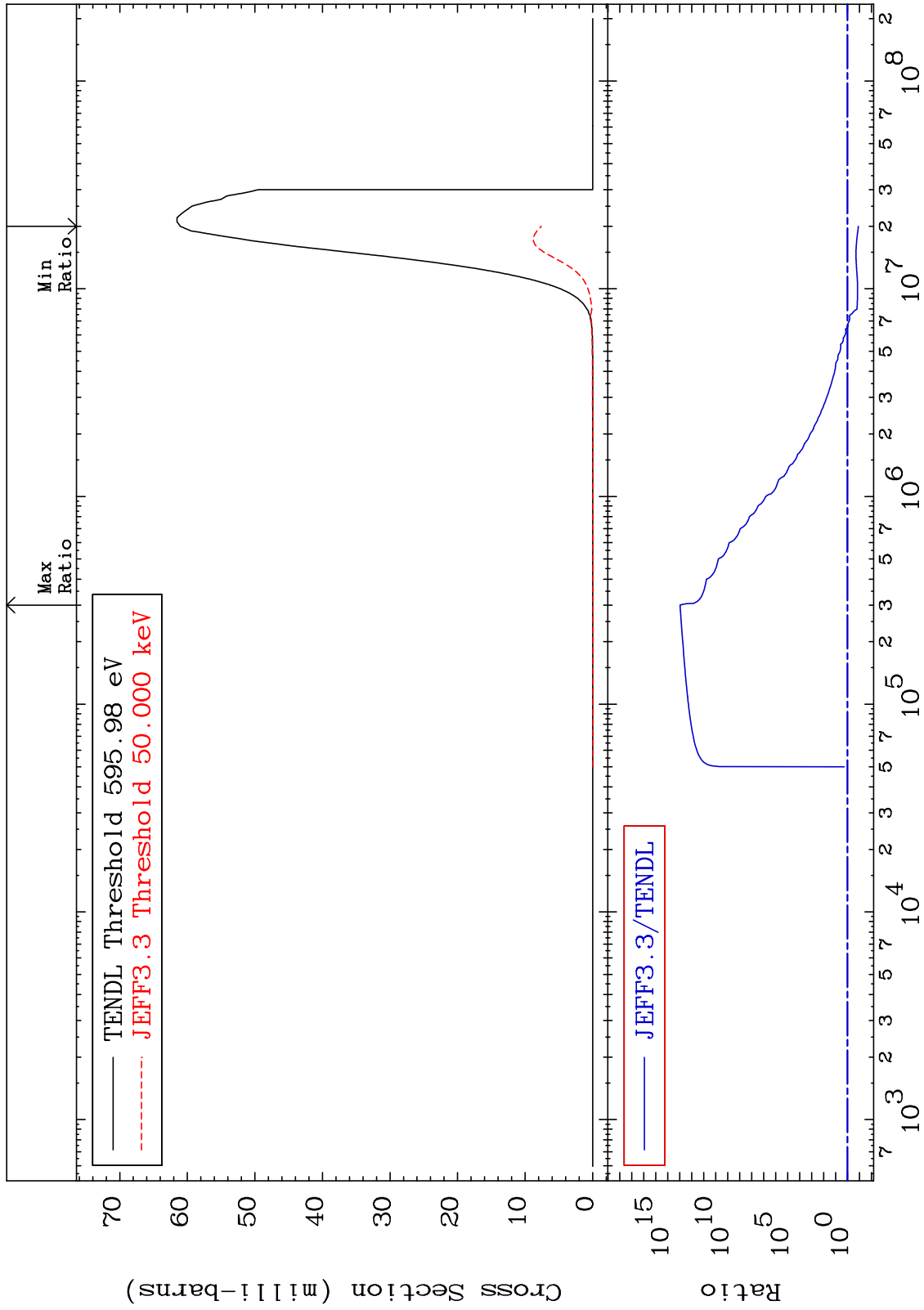
MAT 6434

(n, p)

64-Gd-155

Cross Section

-87.55 To 9999. %



35

Incident Energy (eV)

64-Gd-155

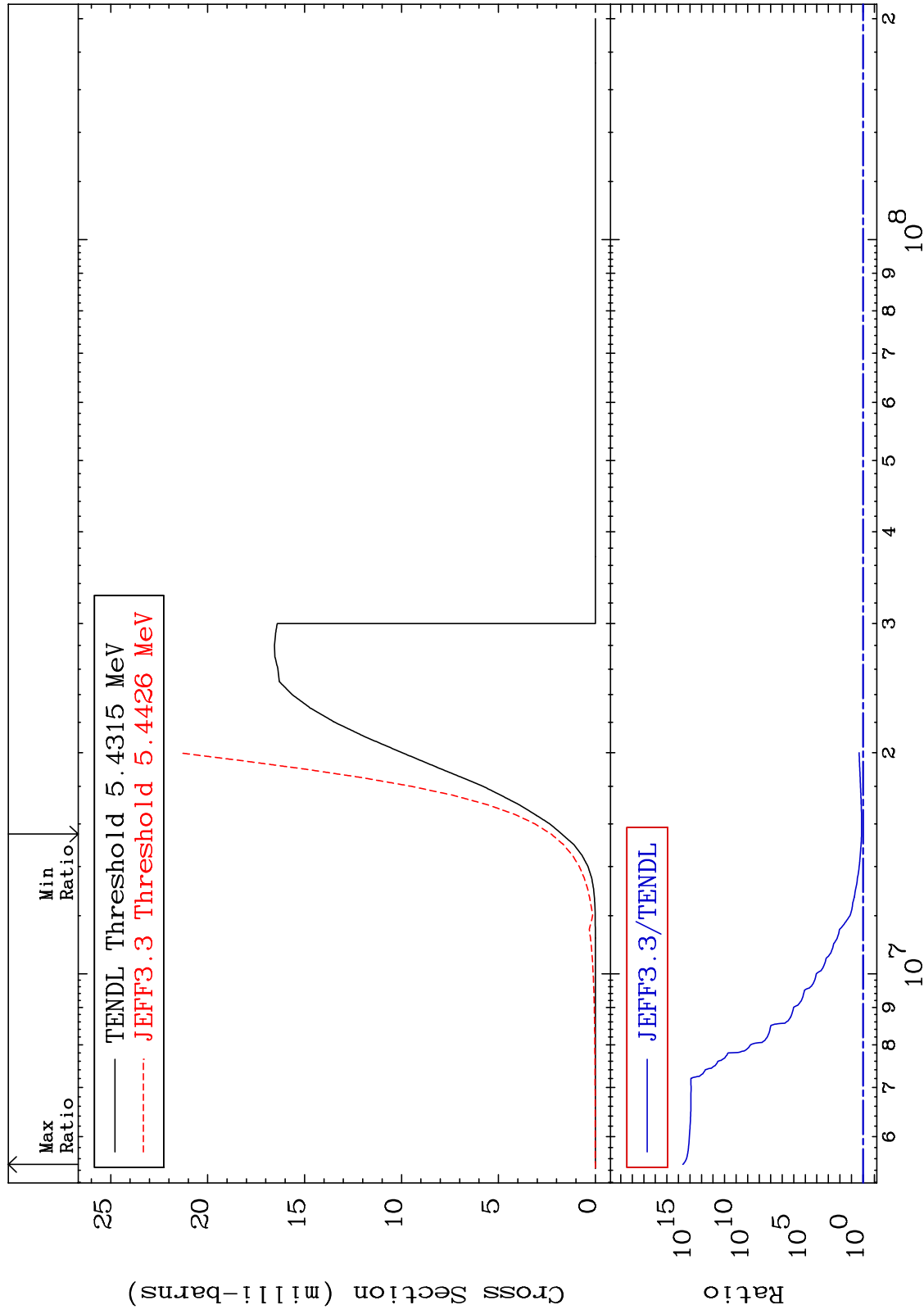
MAT 6434

(n, d)

64-Gd-155

Cross Section

31.74 To 9999. %



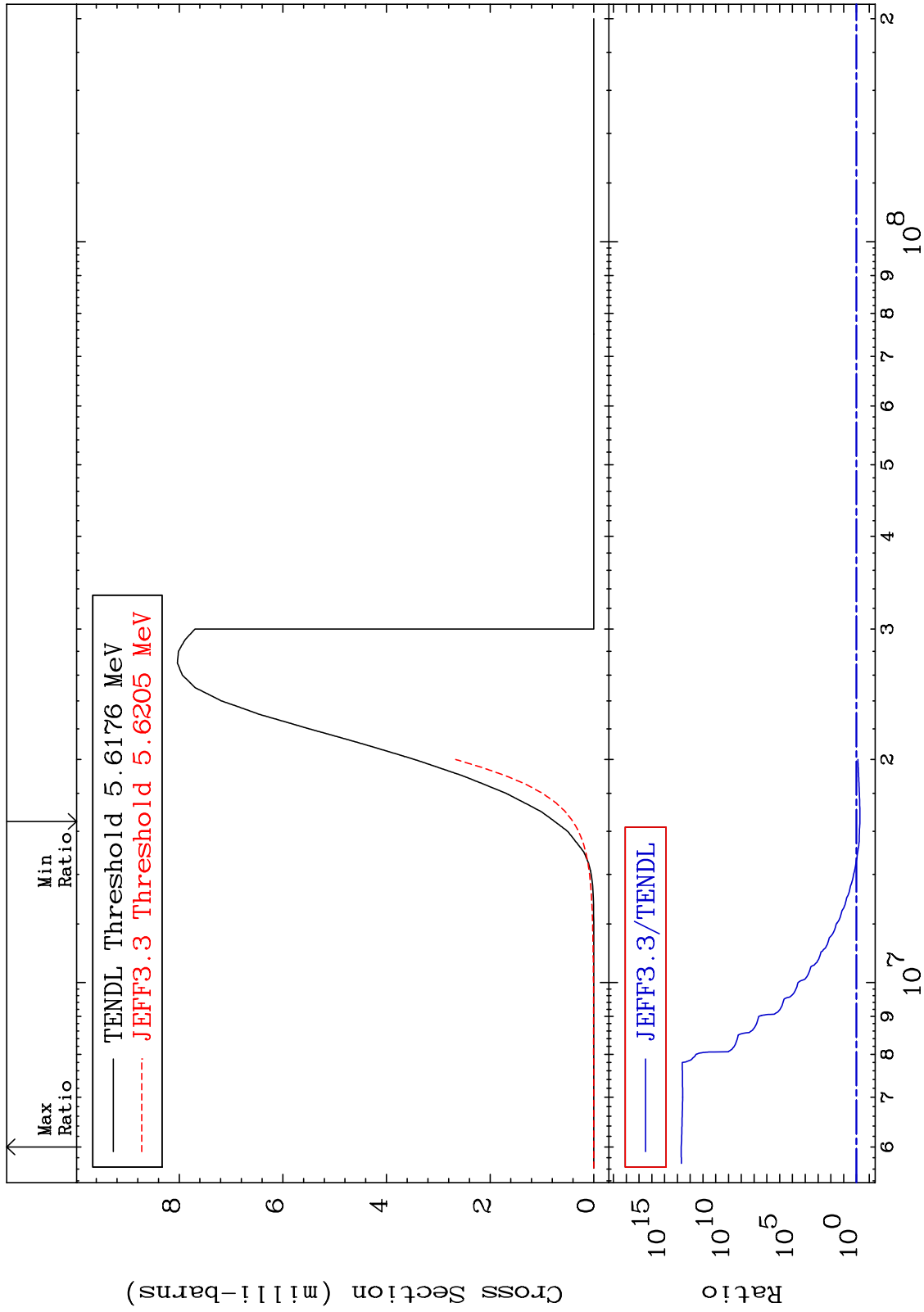
MAT 6434

(n, t)

64-Gd-155

Cross Section

-47.00 To 9999. %



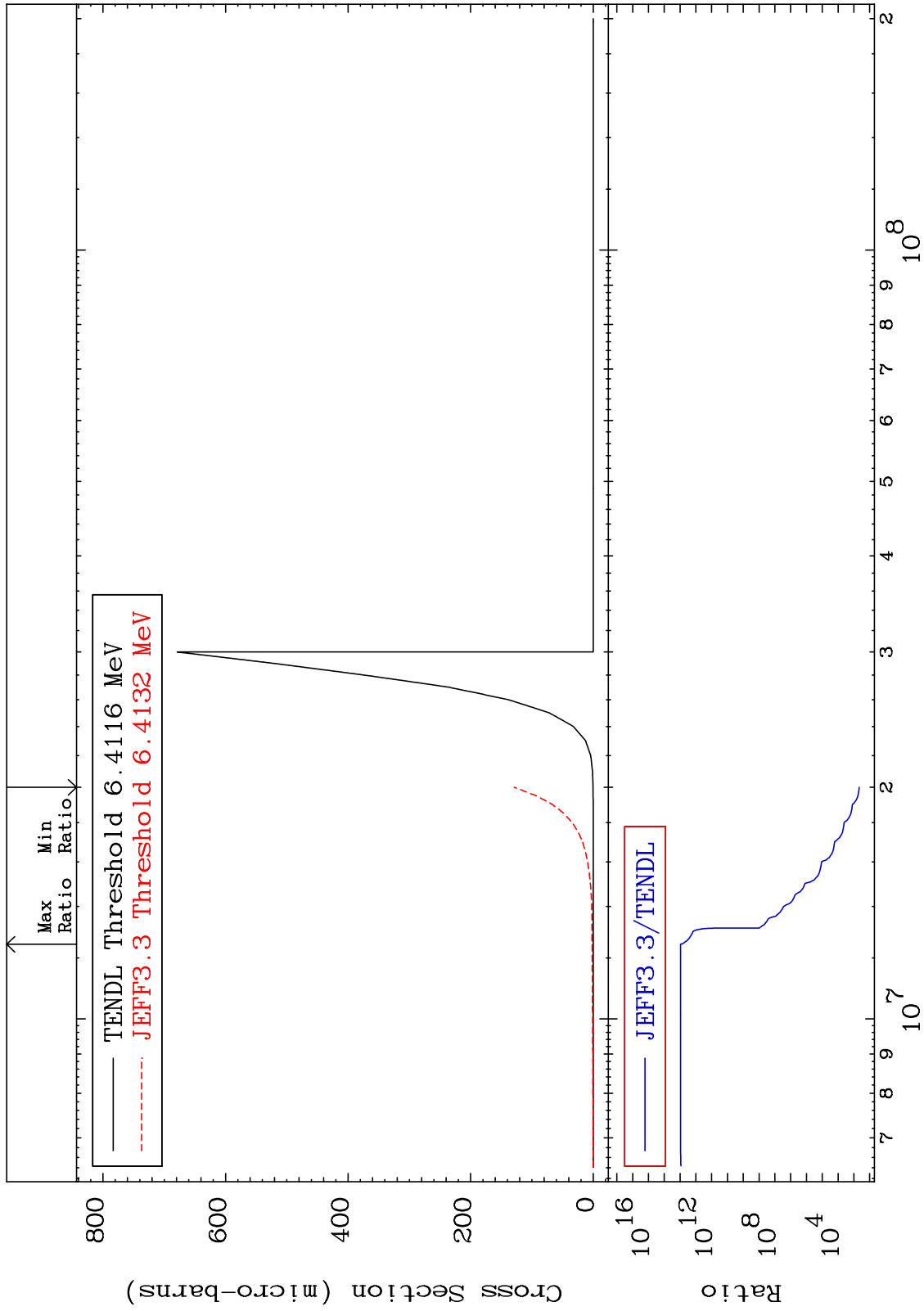
MAT 6434

(n, He-3)

64-Gd-155

9999. To 9999. %

Cross Section



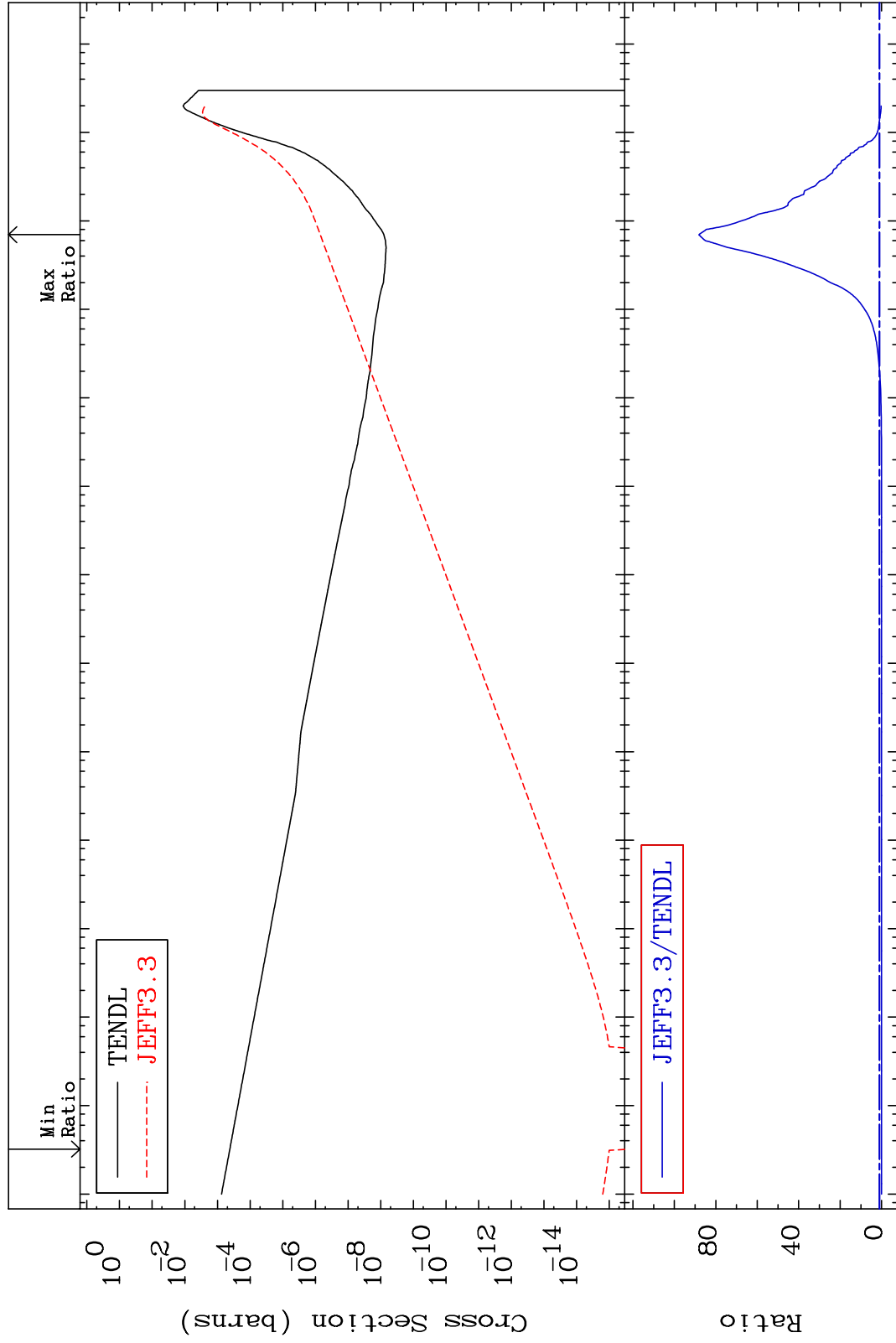
MAT 6434

(n, α)

64-Gd-155

Cross Section

-100.0 To 8724. %



39

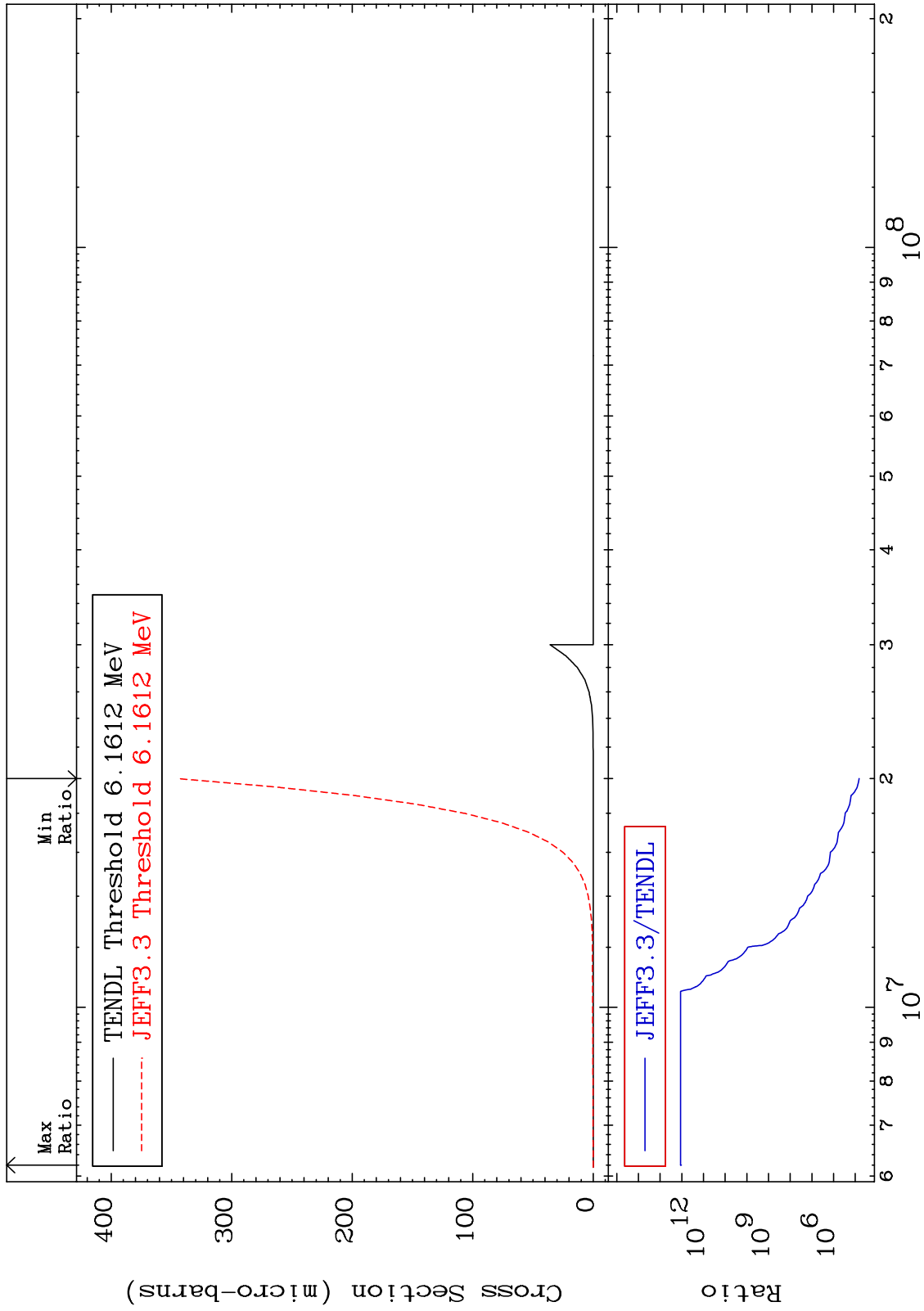
Incident Energy (eV)

64-Gd-155

MAT 6434

(n,2p)
Cross Section

64-Gd-155
9999. To 9999. %



40

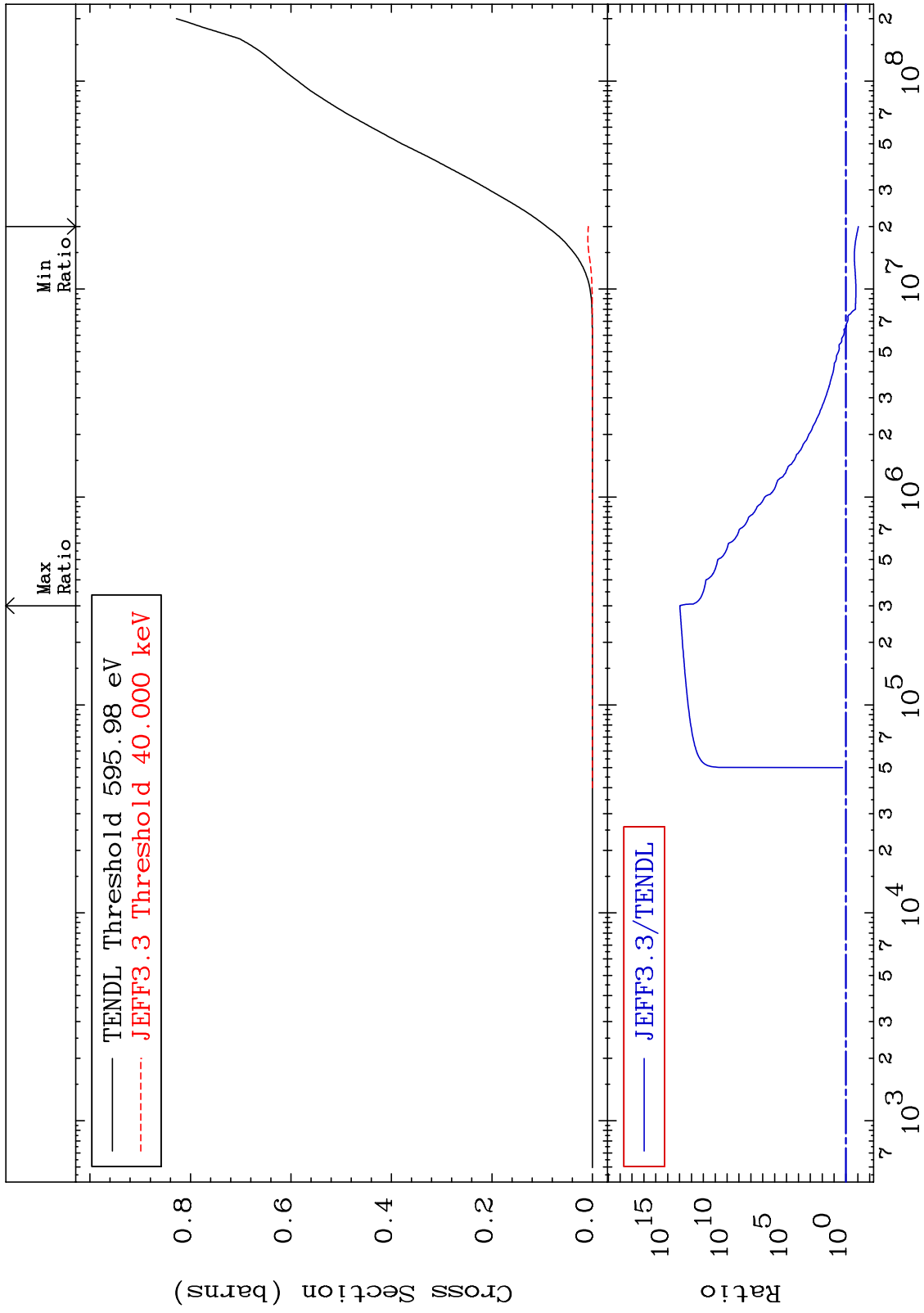
Incident Energy (eV)

64-Gd-155

MAT 6434

Hydrogen Production
Cross Section

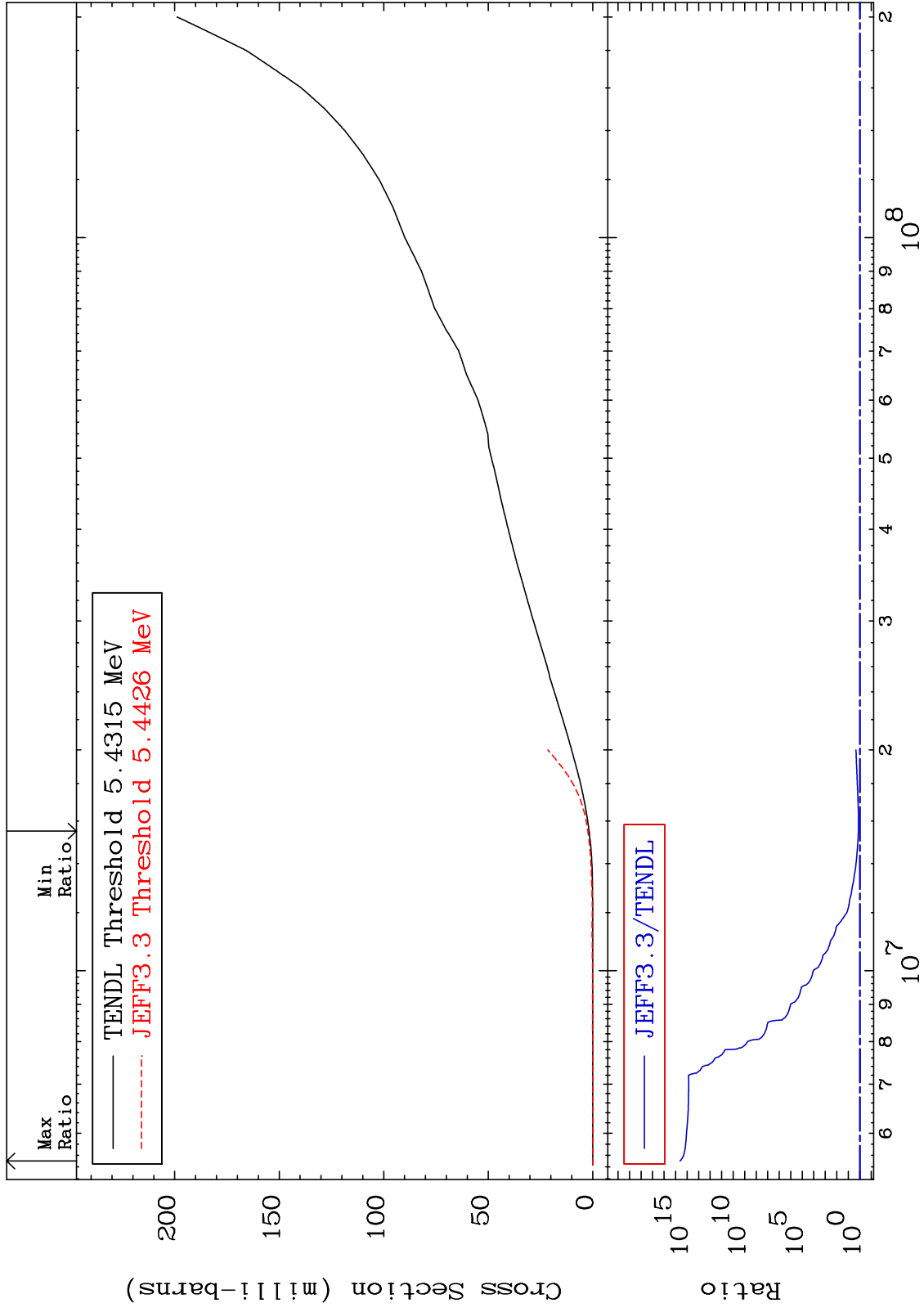
64-Gd-155
-90.92 To 9999. %



MAT 6434

Deuterium Production
Cross Section

64-Gd-155
31.74 To 9999. %



42

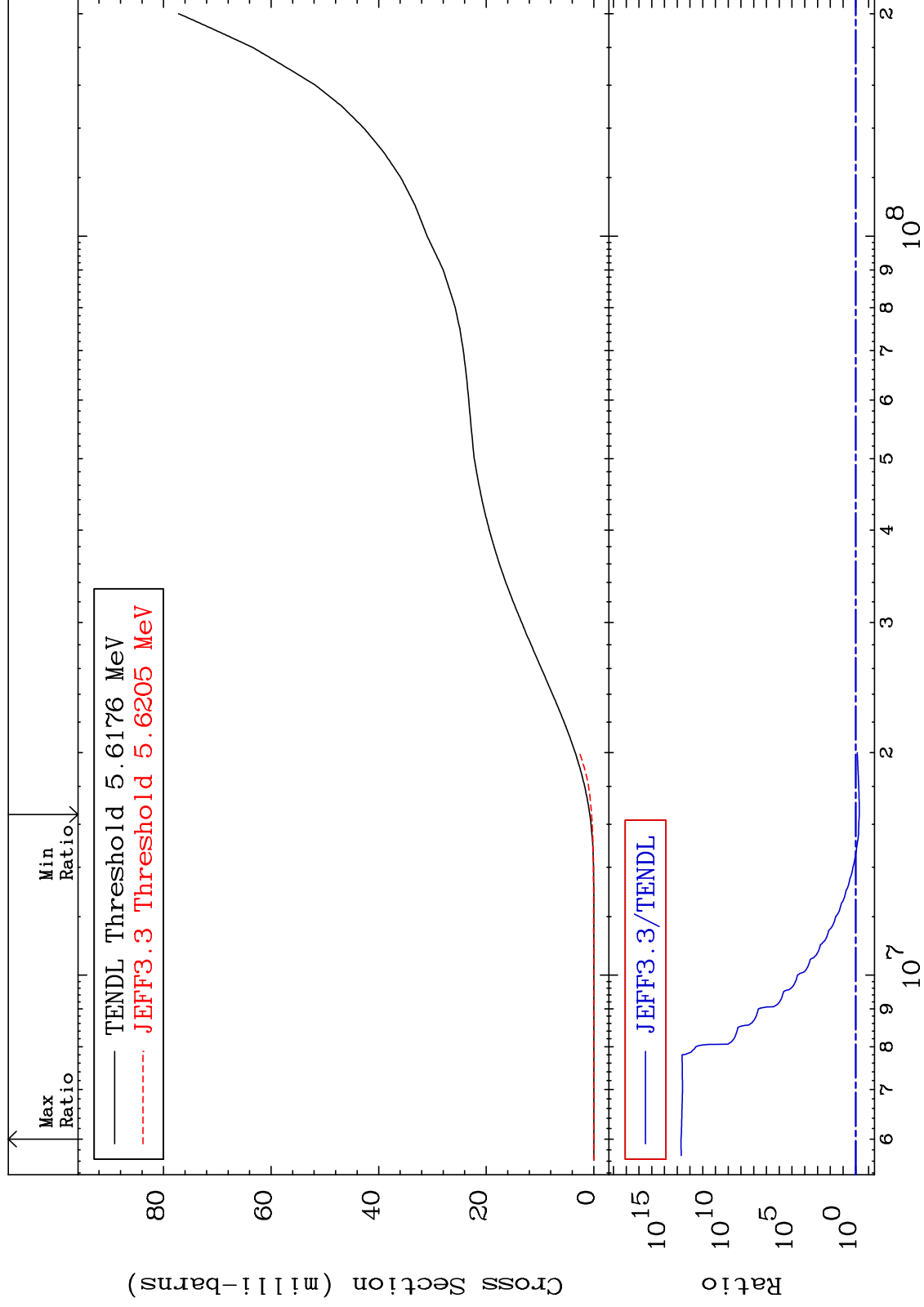
Incident Energy (eV)

64-Gd-155

MAT 6434

Tritium Production
Cross Section

64-Gd-155
-47.00 To 9999. %



43

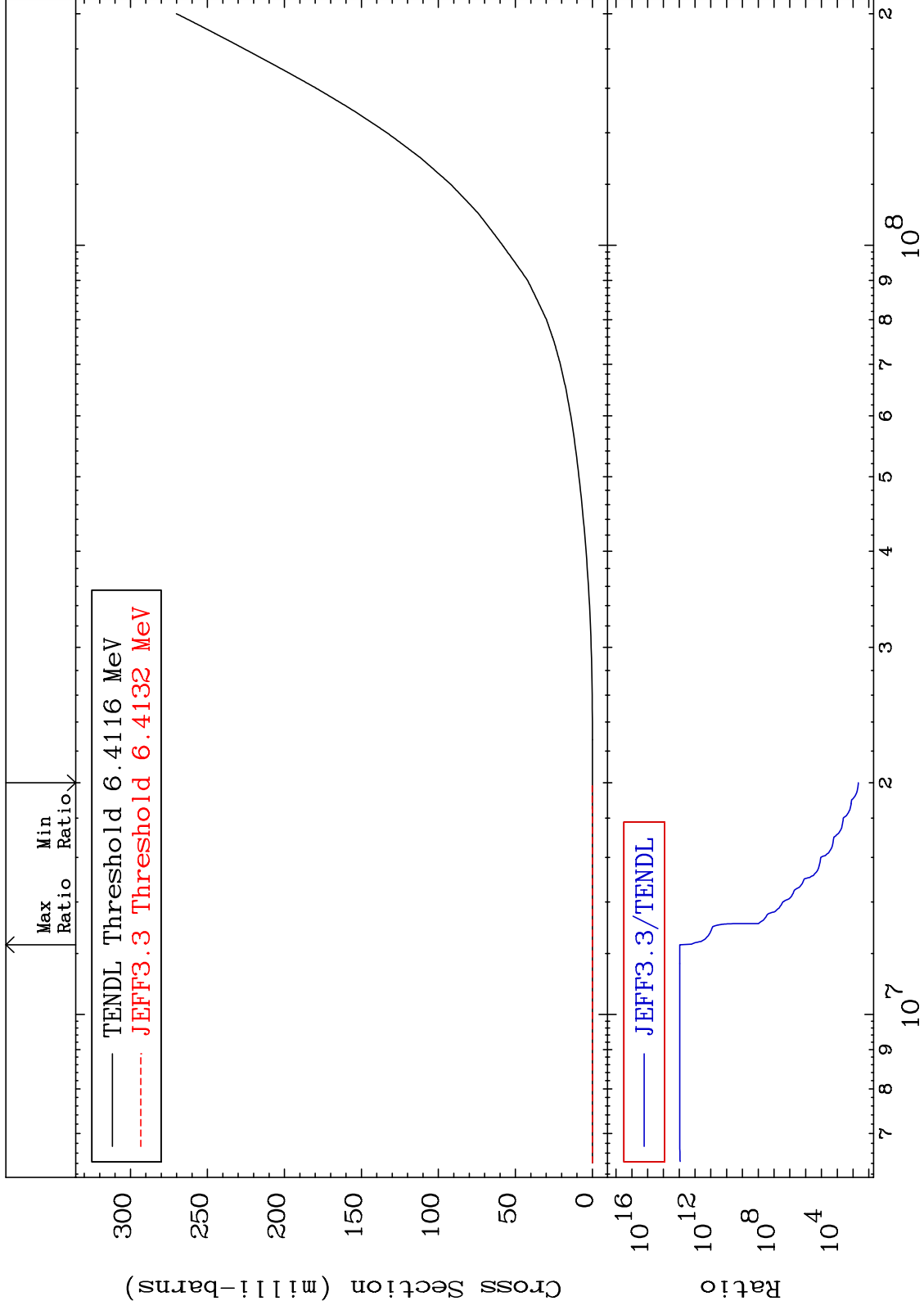
Incident Energy (eV)

64-Gd-155

MAT 6434

He-3 Production
Cross Section

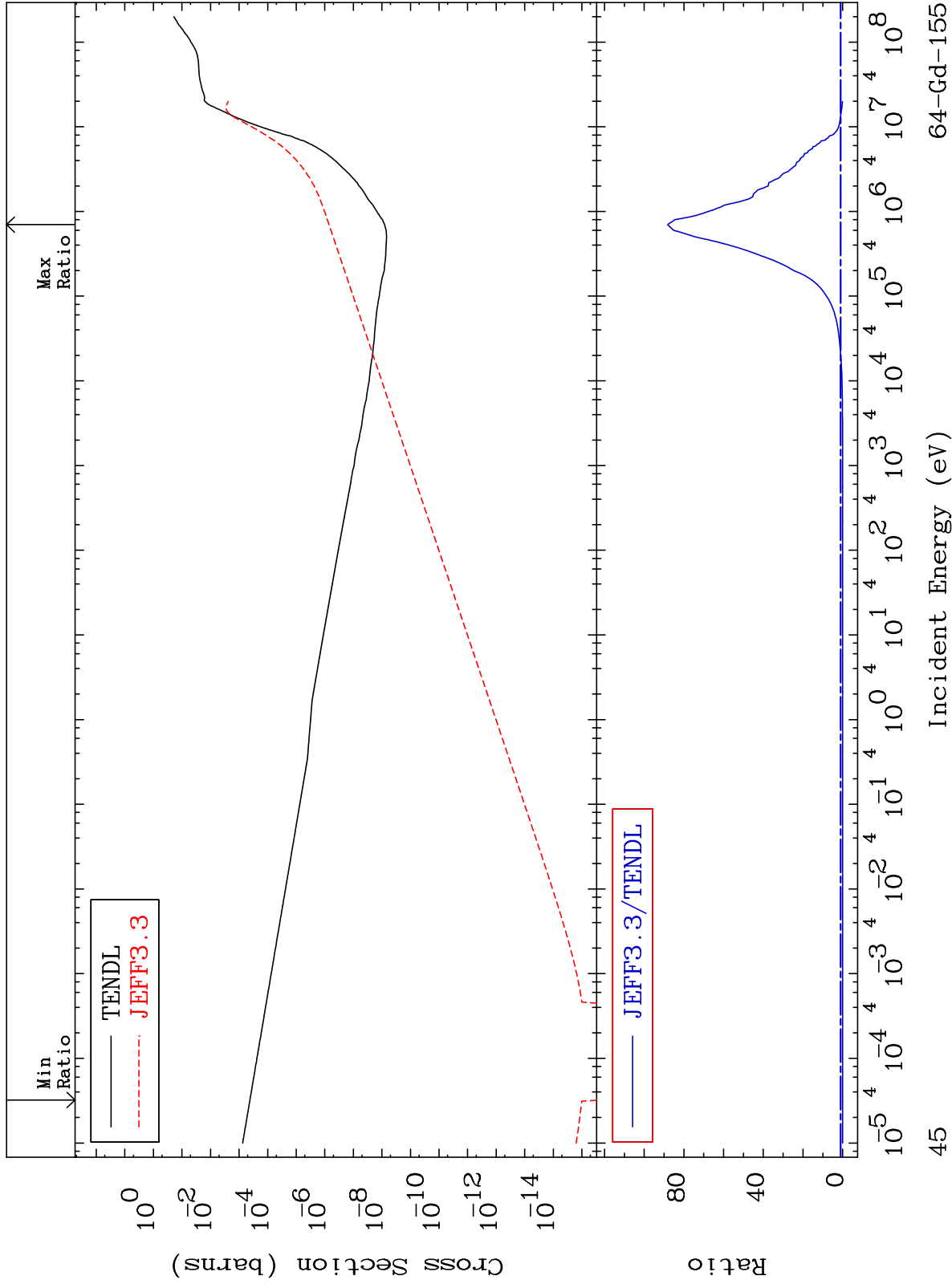
64-Gd-155
9999. To 9999. %



MAT 6434

He-4 Production
Cross Section

64-Gd-155
-100.0 To 8724. %



45

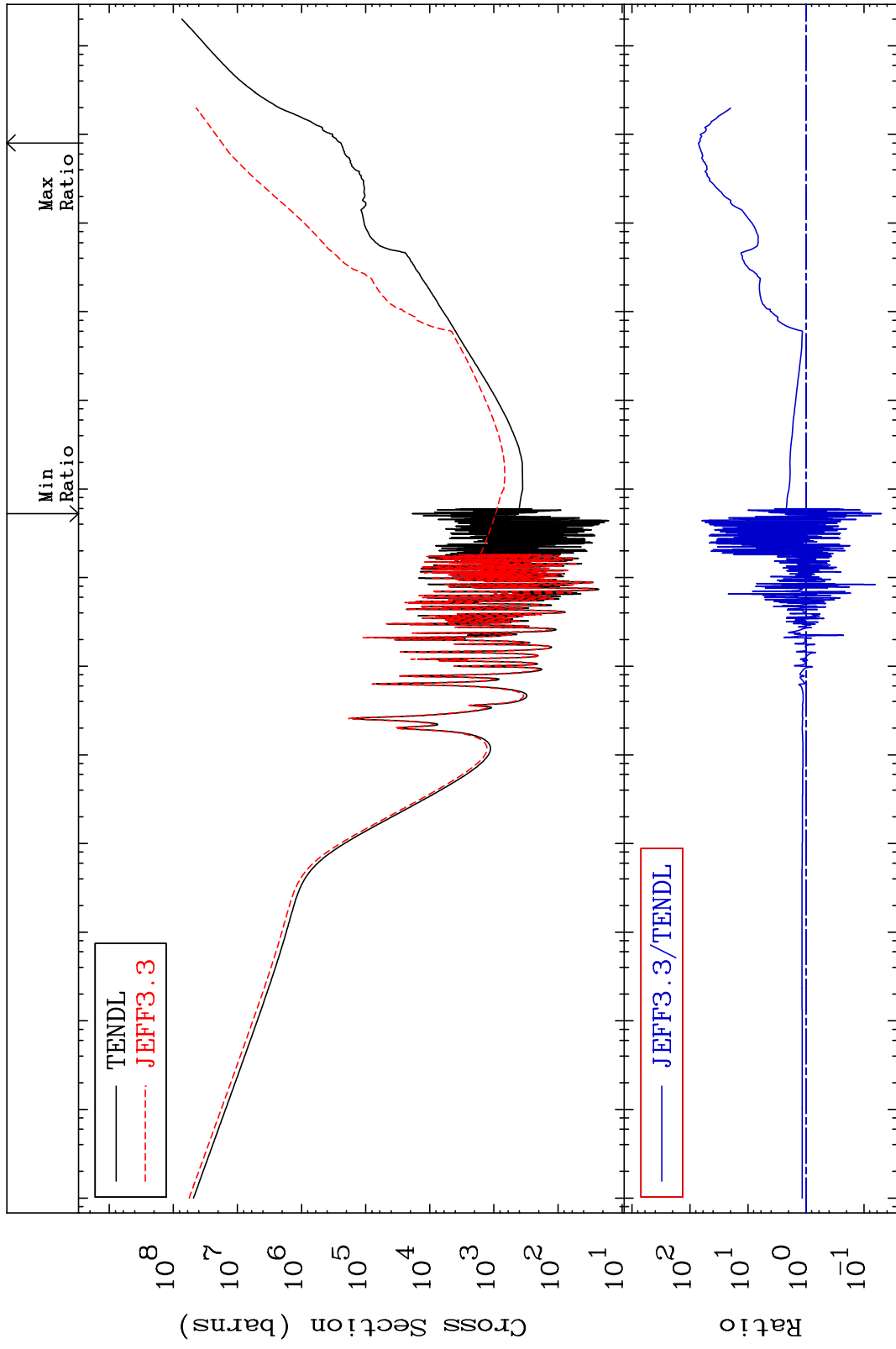
Incident Energy (eV)

64-Gd-155

MAT 6434

Kerma total (eV-barns)
Cross Section

64-Gd-155
-95.00 To 7103. %



46

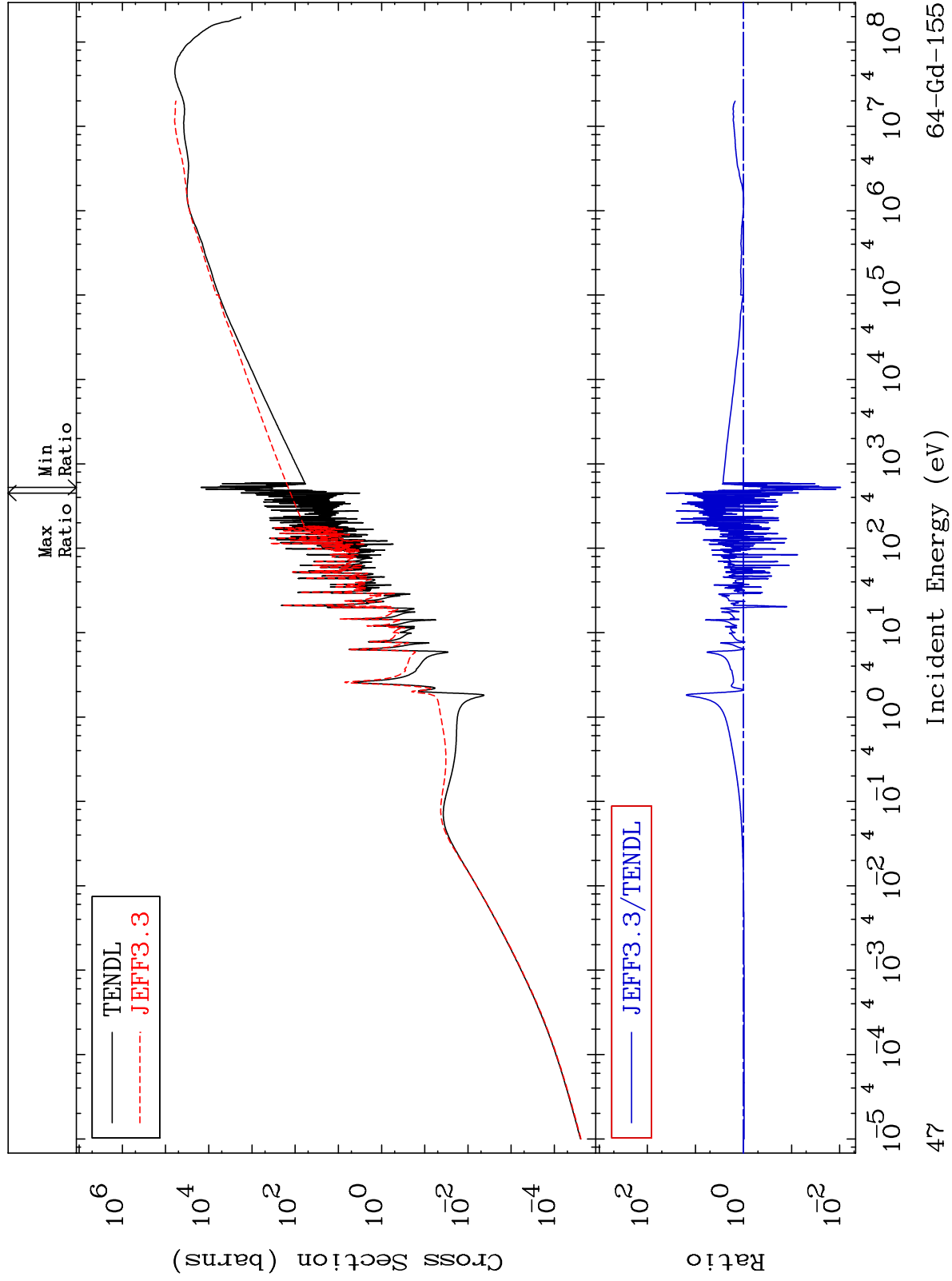
Incident Energy (eV)

64-Gd-155

MAT 6434

Kerma elastic
Cross Section

64-Gd-155
-99.05 To 3930. %



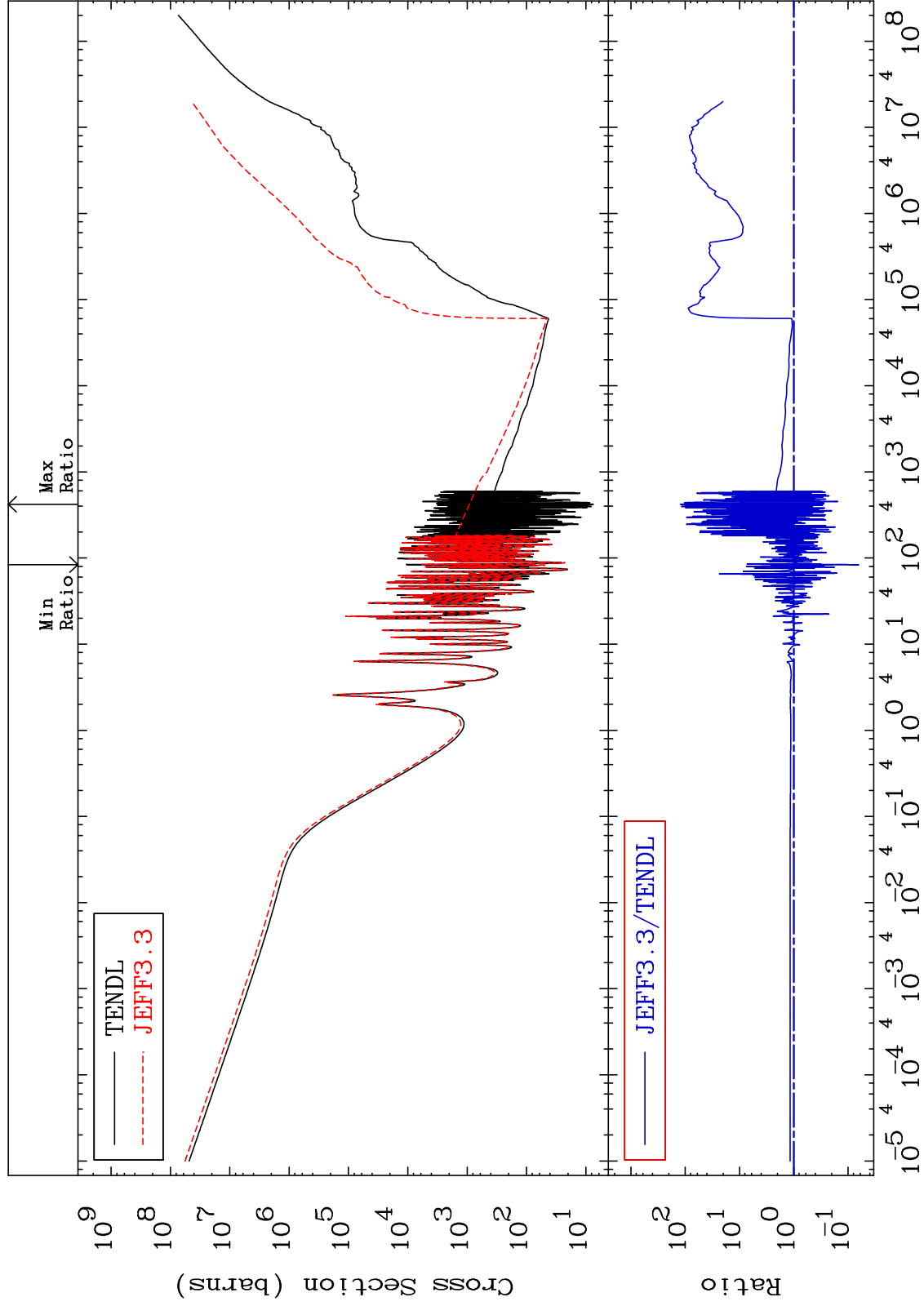
47

64-Gd-155

MAT 6434

Kerma non-elastic (all but mt2)
Cross Section

64-Gd-155
-93.57 To 9999. %



48

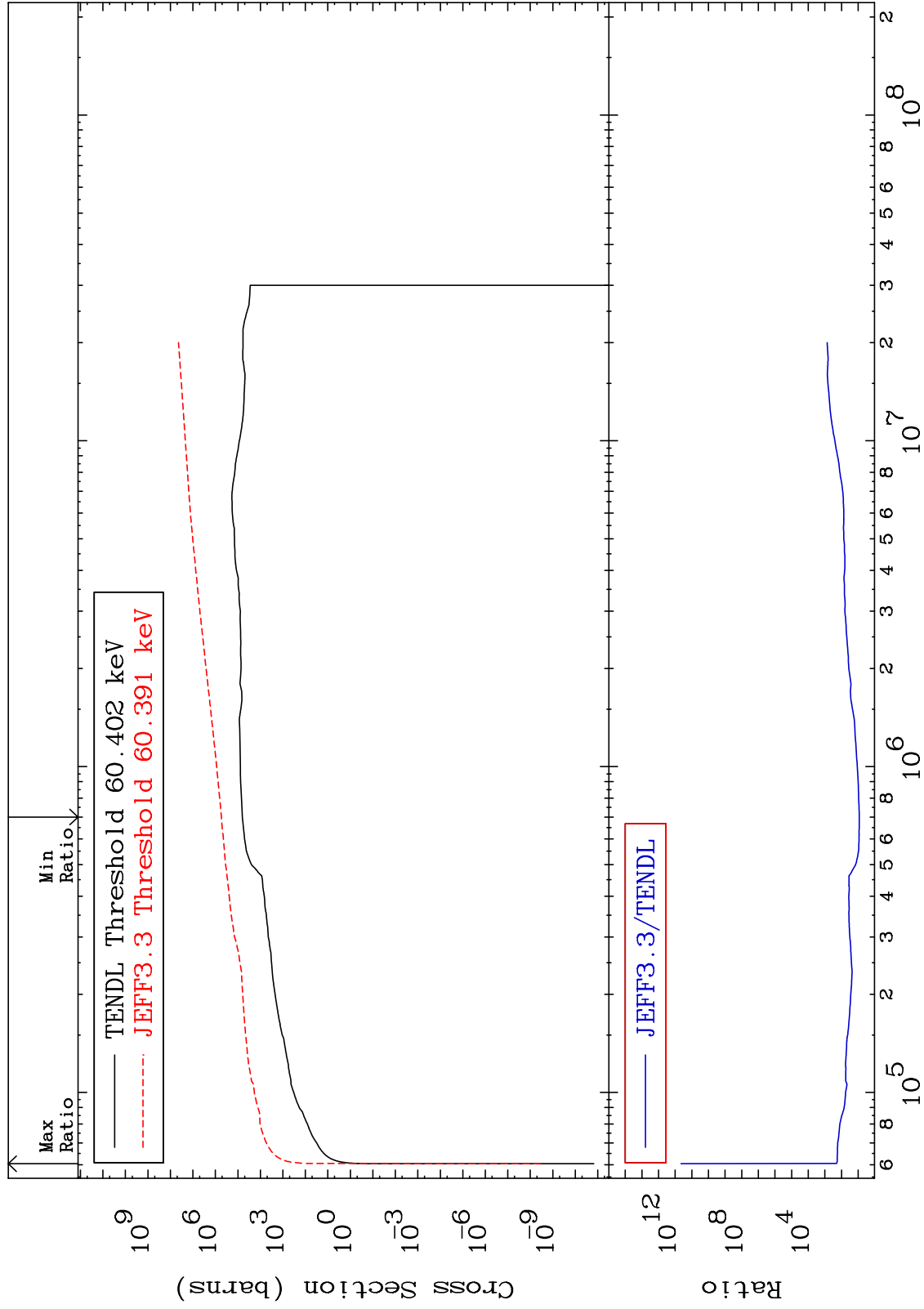
Incident Energy (eV)

64-Gd-155

MAT 6434

Kerma inelastic (mt51-91)
Cross Section

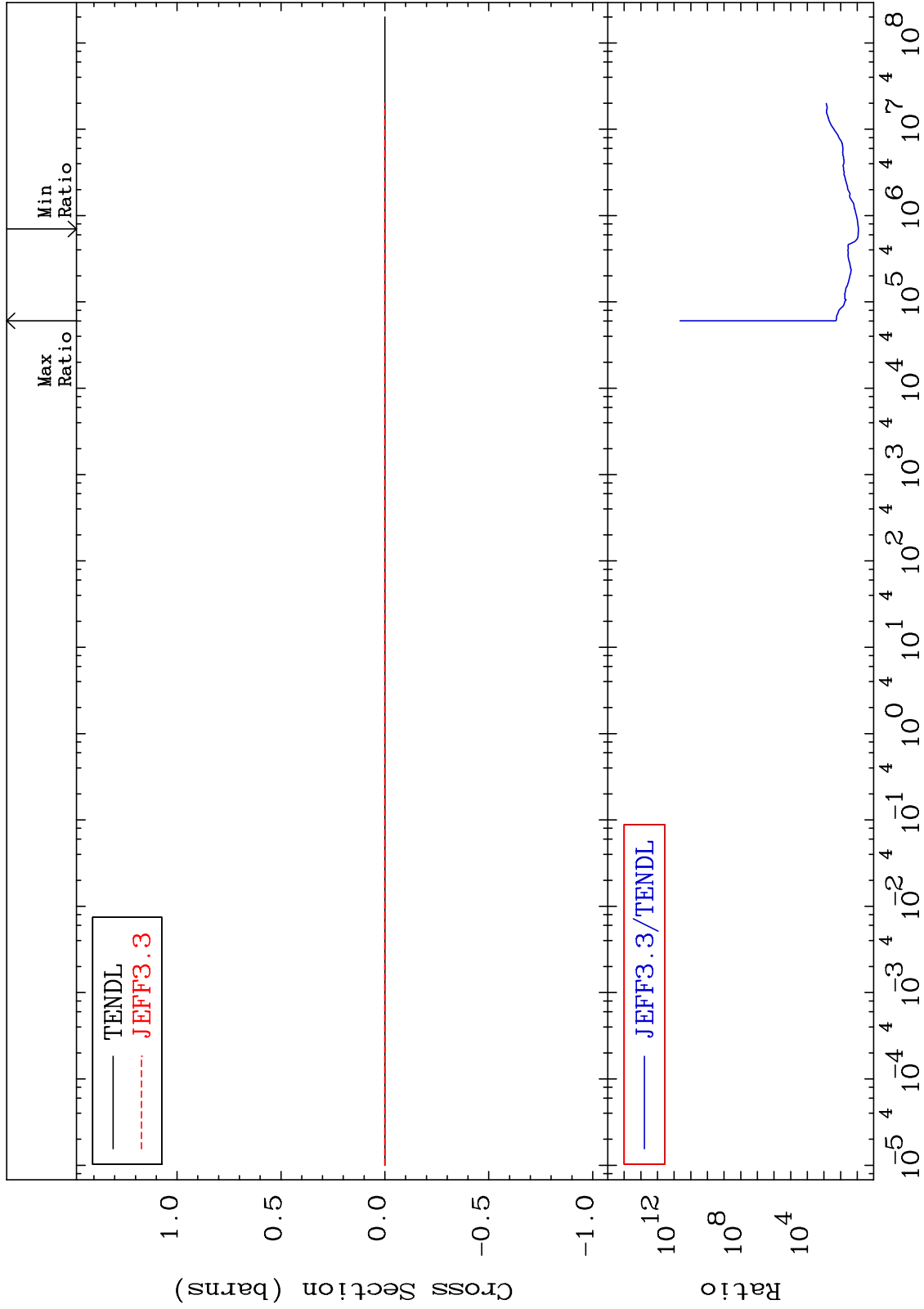
64-Gd-155
756.7 To 9999. %



MAT 6434

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

64-Gd-155
756.7 To 9999. %



50

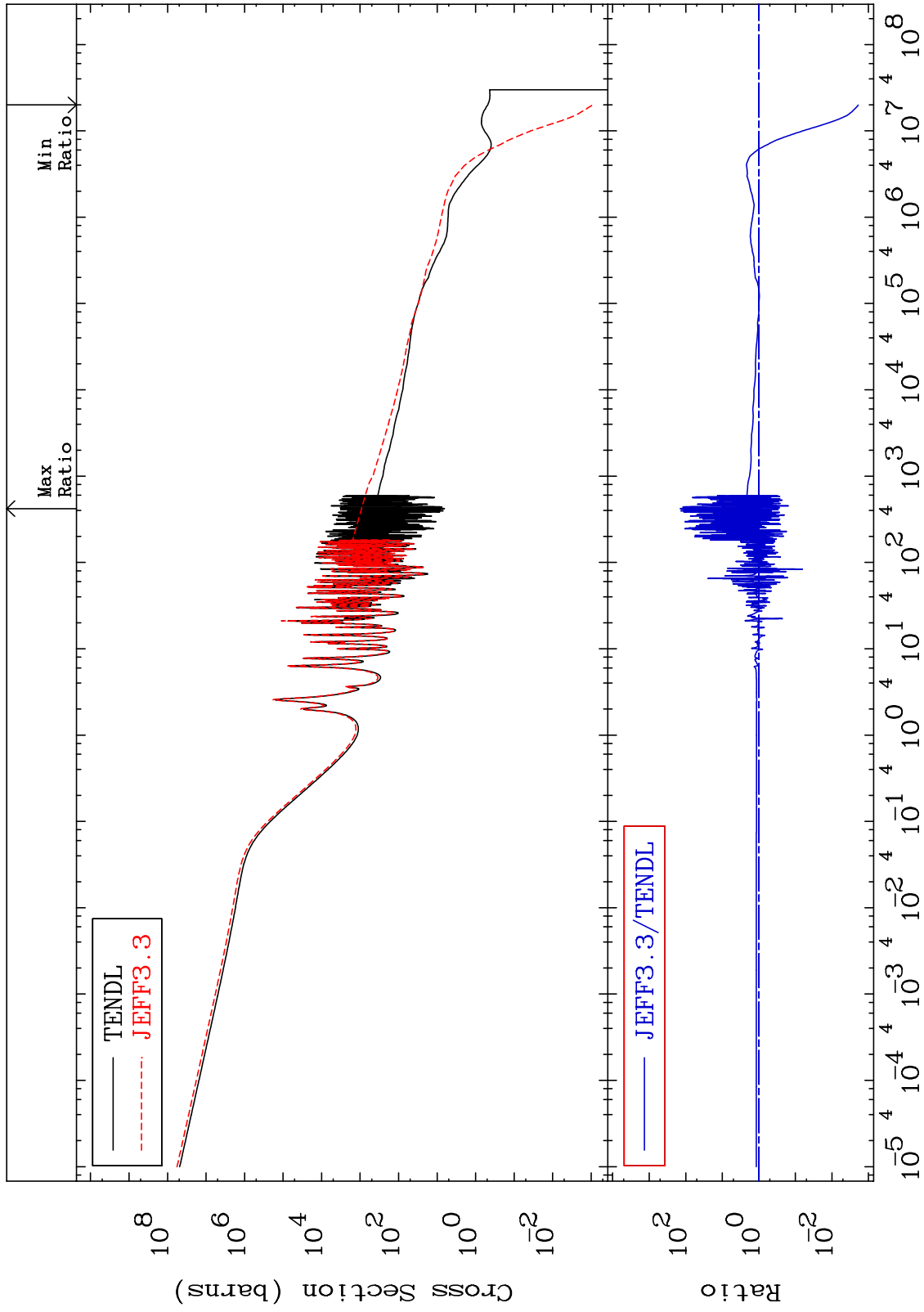
Incident Energy (eV)

64-Gd-155

MAT 6434

Kerma capture (mt102)
Cross Section

64-Gd-155
-99.81 To 9999. %



51

Incident Energy (eV)

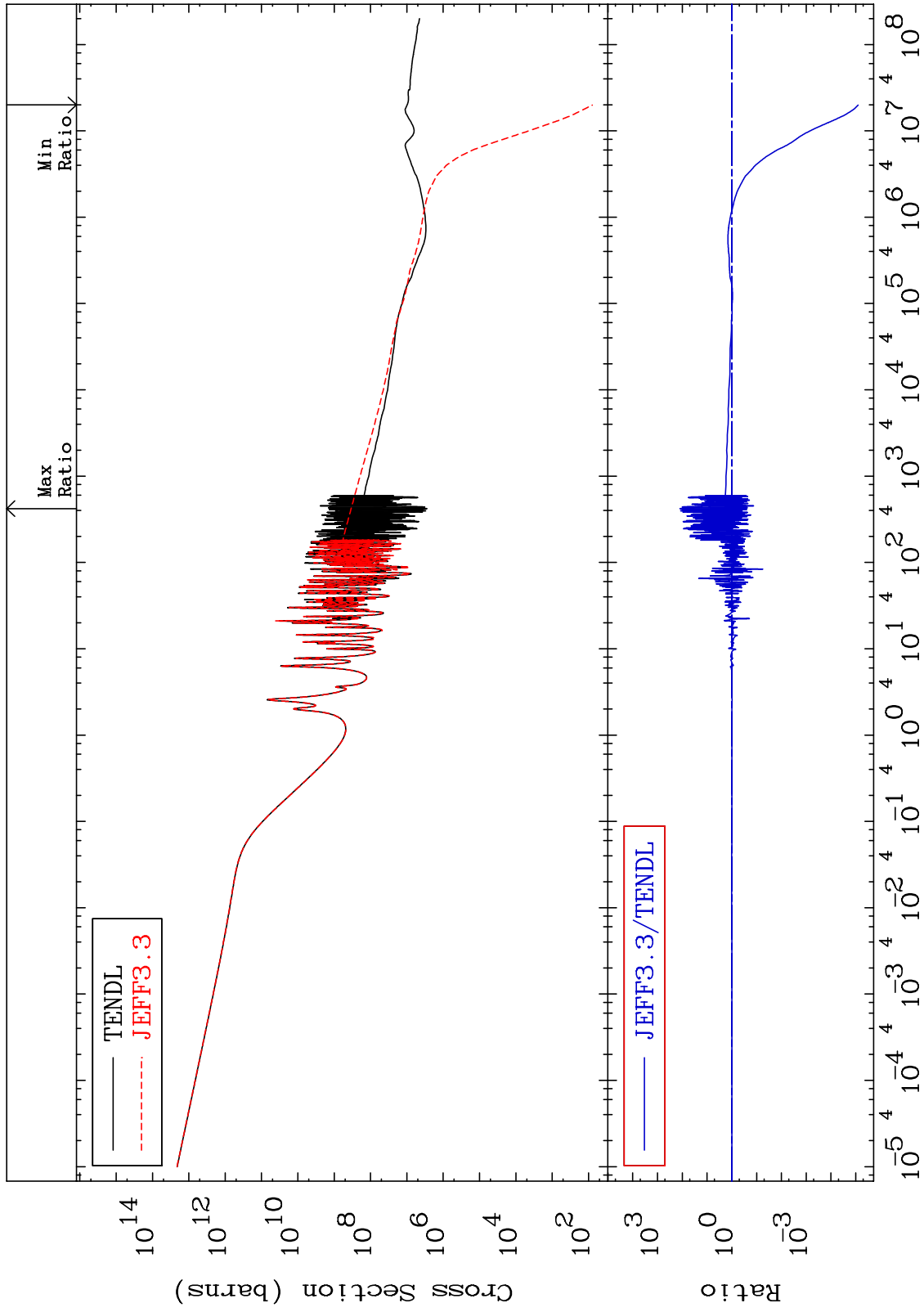
64-Gd-155

MAT 6434

Total photon (eV-barns)
Cross Section

64-Gd-155

-100.0 To 9999. %



52

Incident Energy (eV)

64-Gd-155

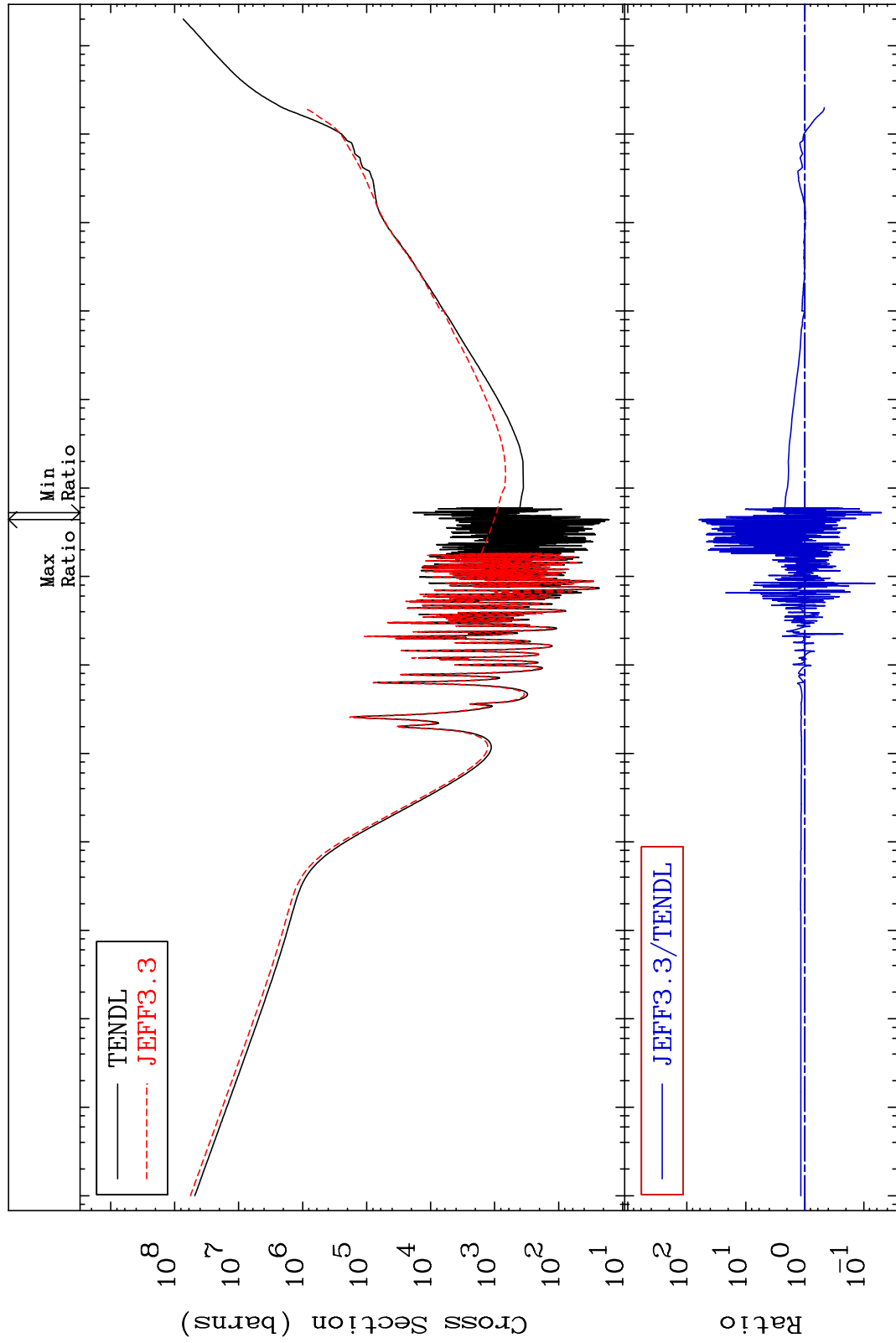
MAT 6434

Total kinematic kerma (high limit)

64-Gd-155

-95.00 To 6195. %

Cross Section



53

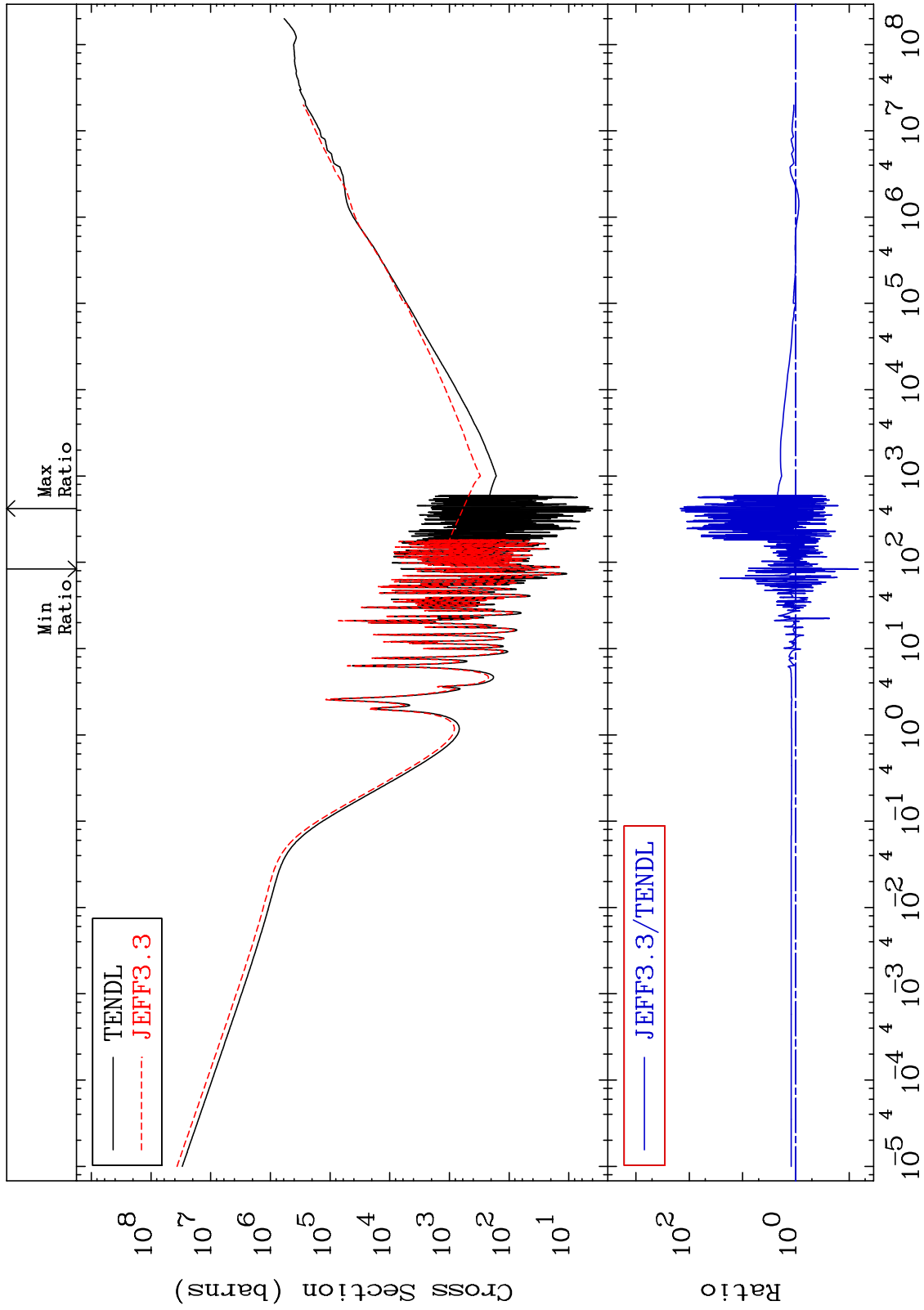
Incident Energy (eV)

64-Gd-155

MAT 6434

Dpa total (eV-barns)
Cross Section

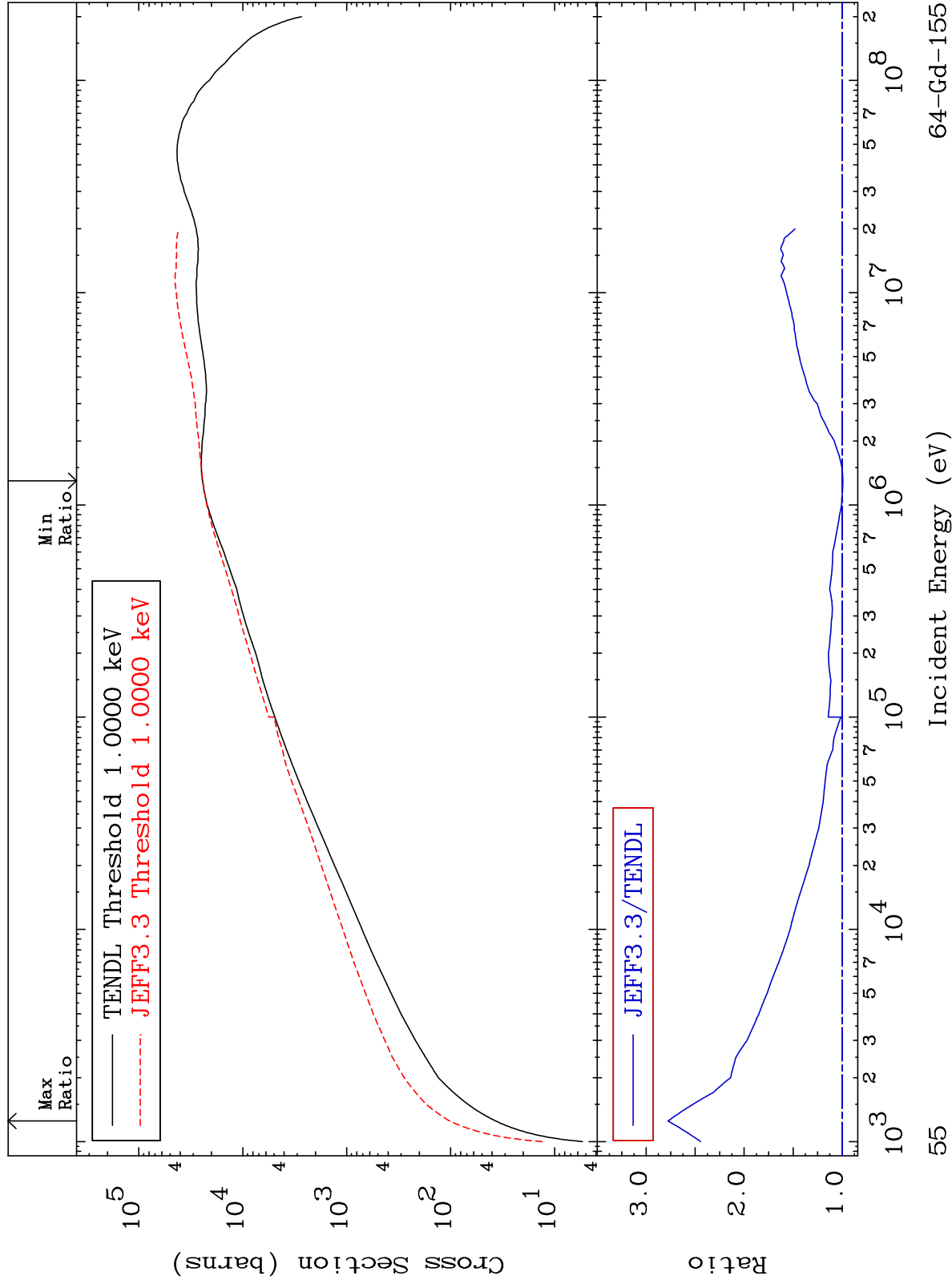
64-Gd-155
-93.29 To 9999. %



MAT 6434

Dpa elastic (mt2)
Cross Section

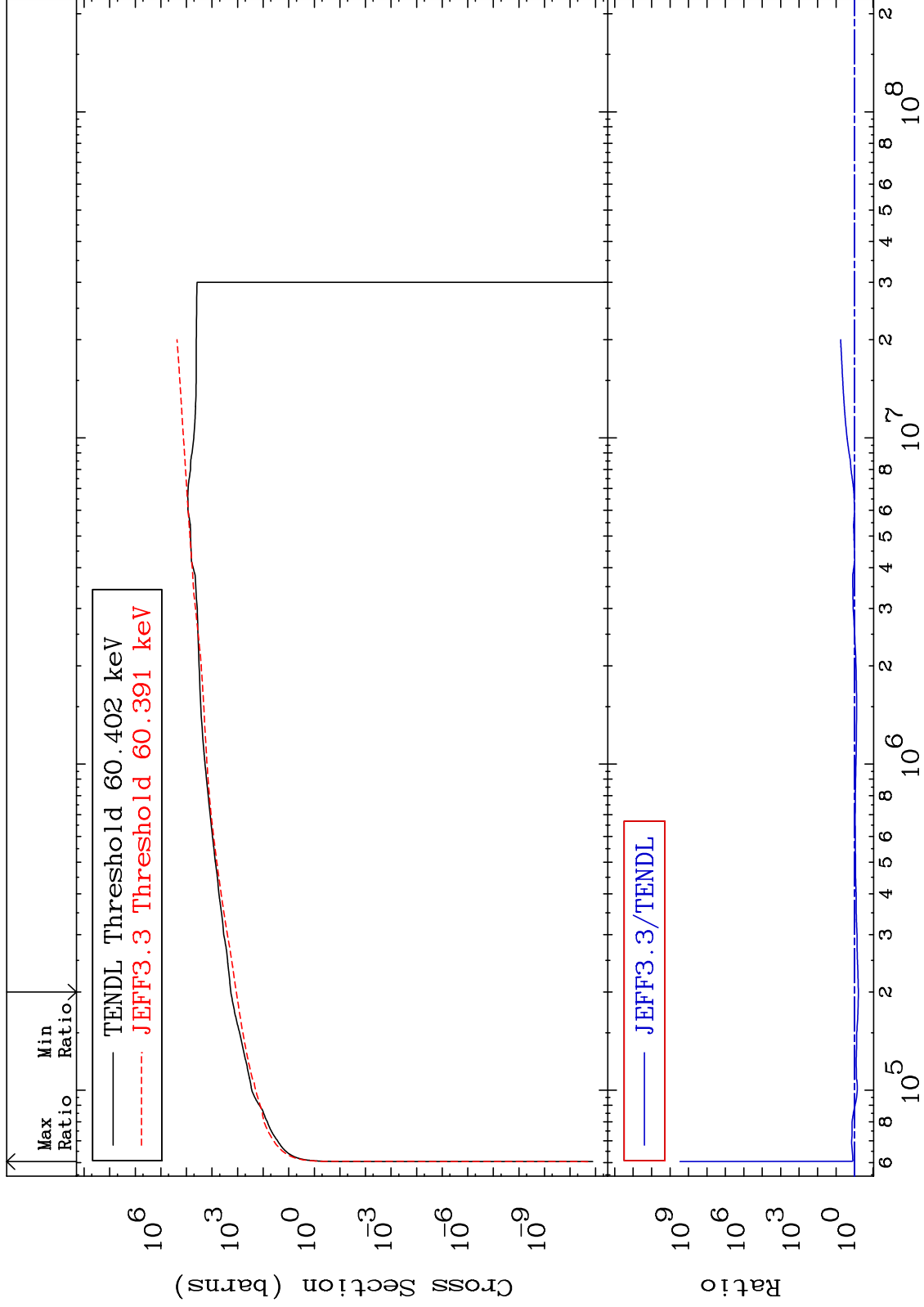
64-Gd-155
-0.771 To 177.7 %



MAT 6434

Dpa inelastic (mt51-91)
Cross Section

64-Gd-155
-38.86 To 9999. %



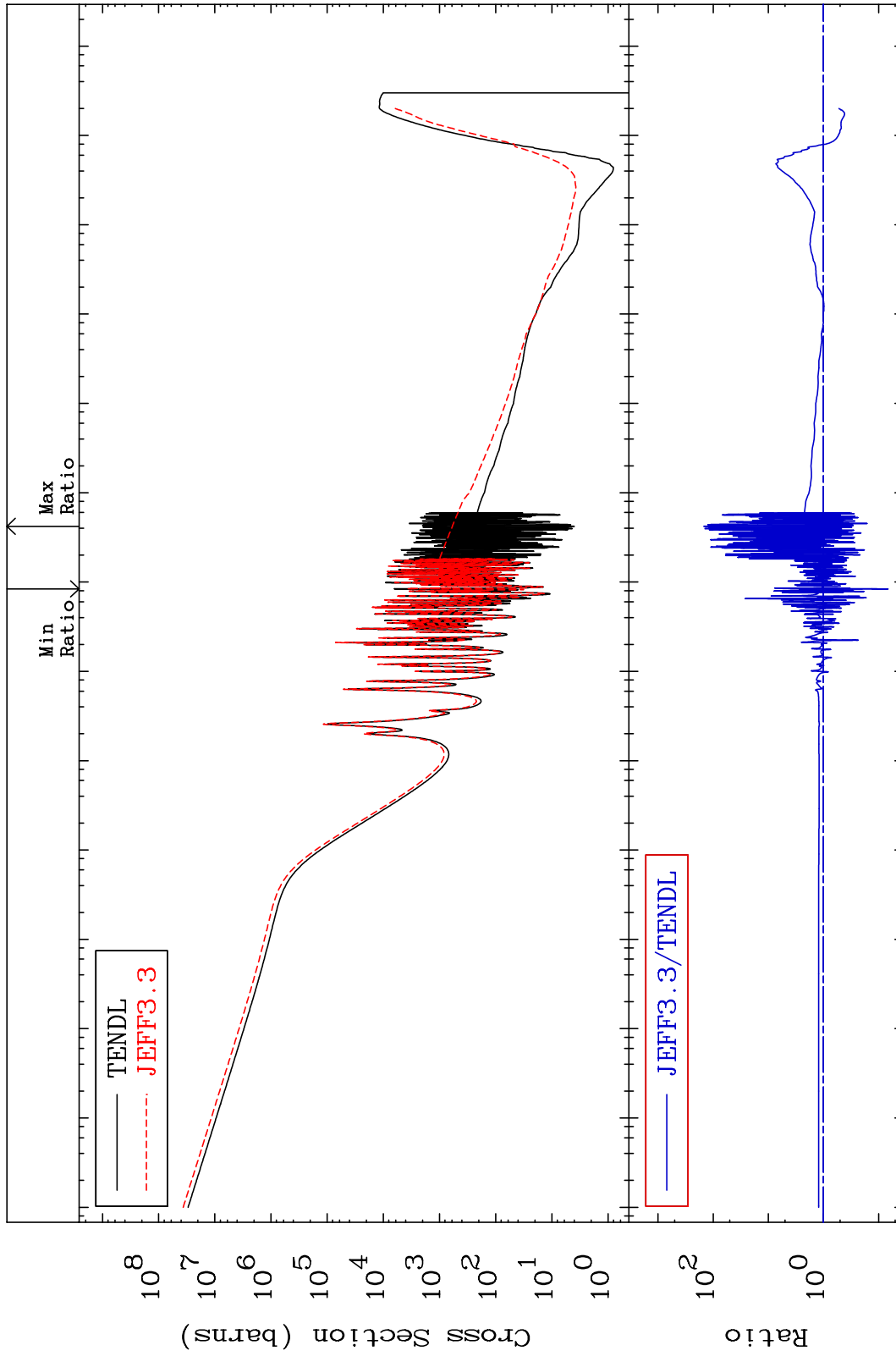
MAT 6434

Dpa disappearance (mt102 -120)

64-Gd-155

-93.29 To 9999. %

Cross Section



Incident Energy (eV) 64-Gd-155