

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

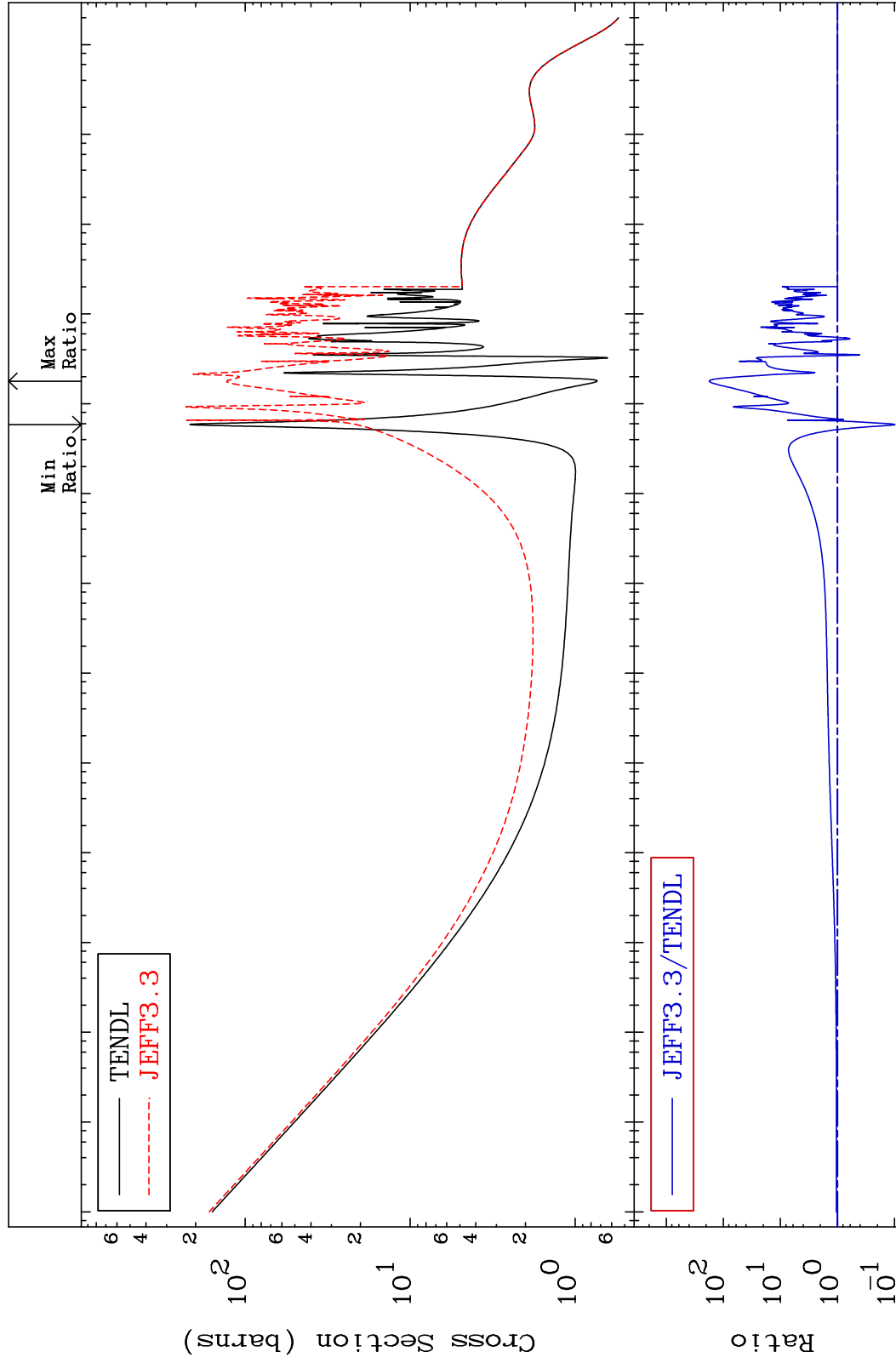
MAT 1322

Total

13-Al-26

Cross Section

-90.17 To 9999. %



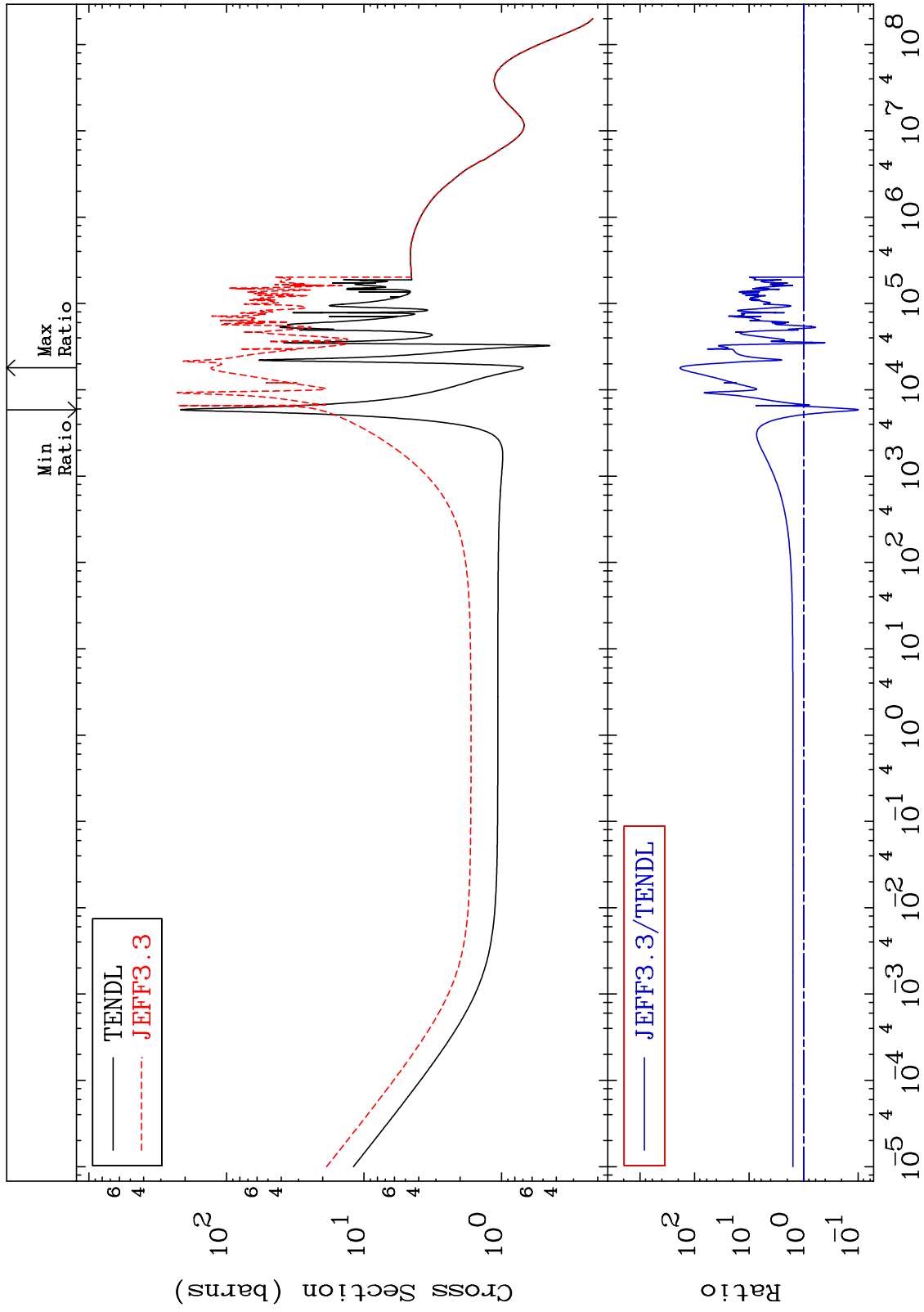
Incident Energy (eV)

13-Al-26

MAT 1322

Elastic
Cross Section

13-Al-26
-90.15 To 9999. %



Incident Energy (eV)

2

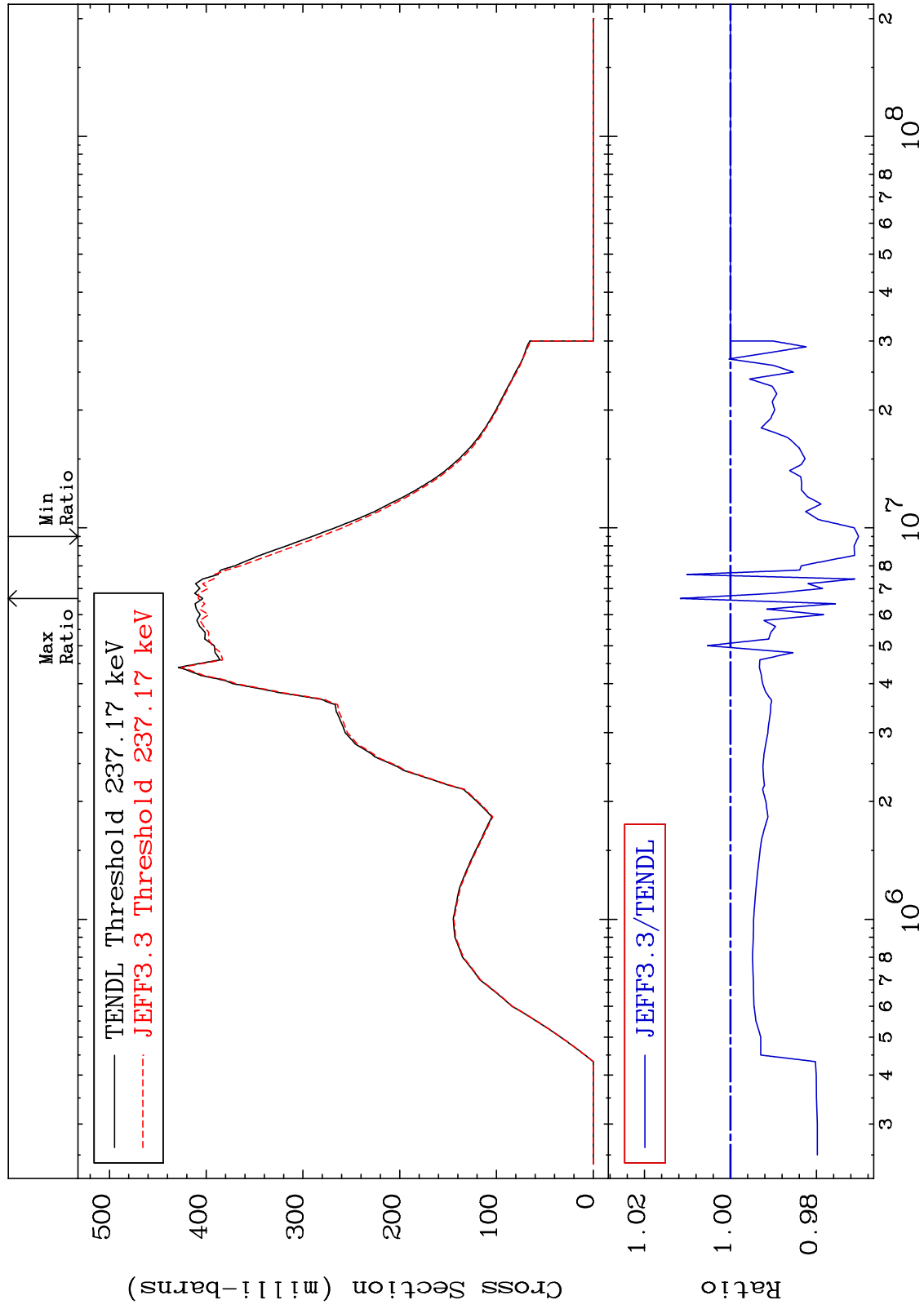
13-Al-26

MAT 1322

Inelastic
Cross Section

13-Al-26

-2.977 To 1.162 %



Incident Energy (eV)

13-Al-26

3

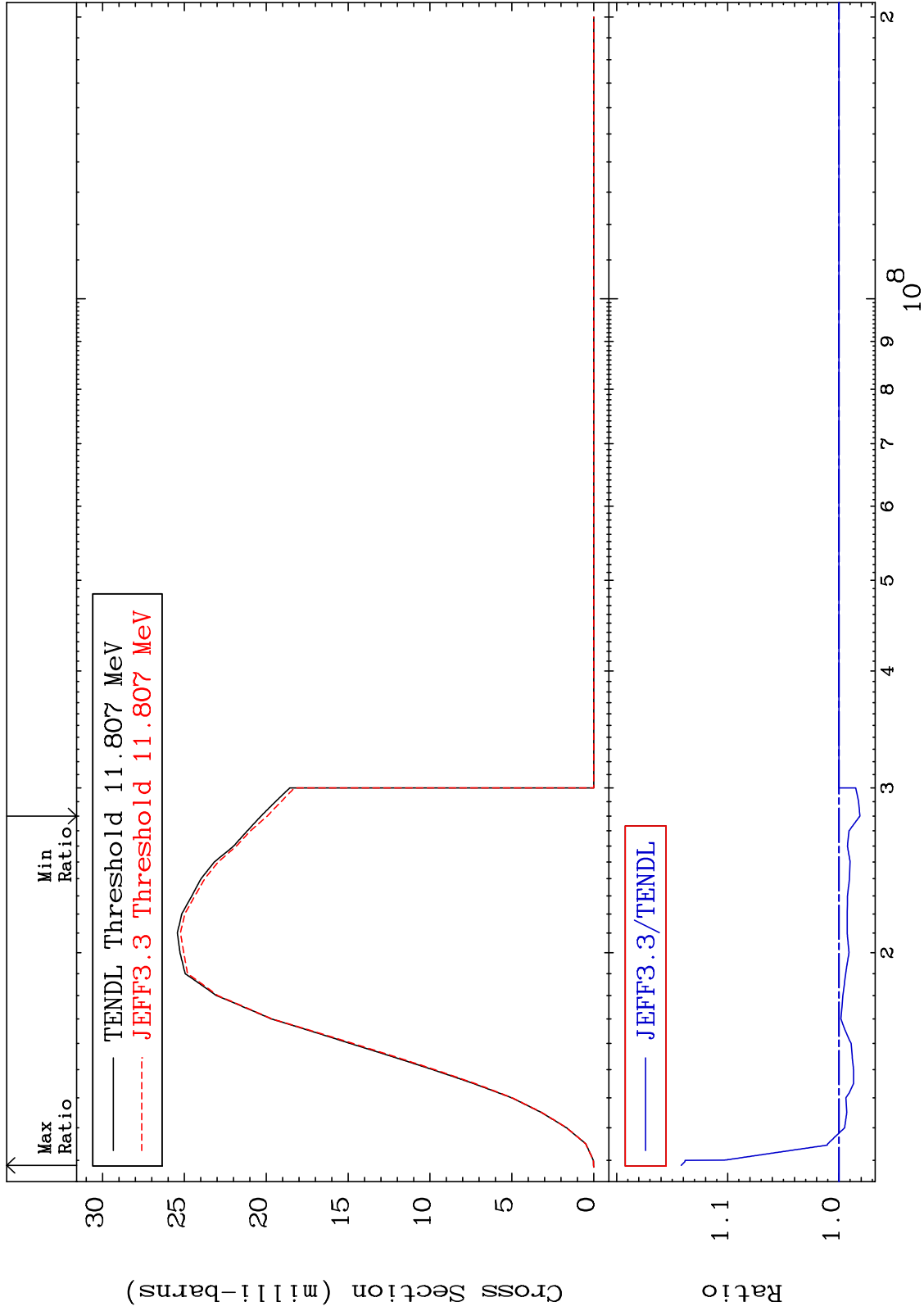
MAT 1322

(n,2n)

13-Al-26

Cross Section

-1.888 To 14.19 %



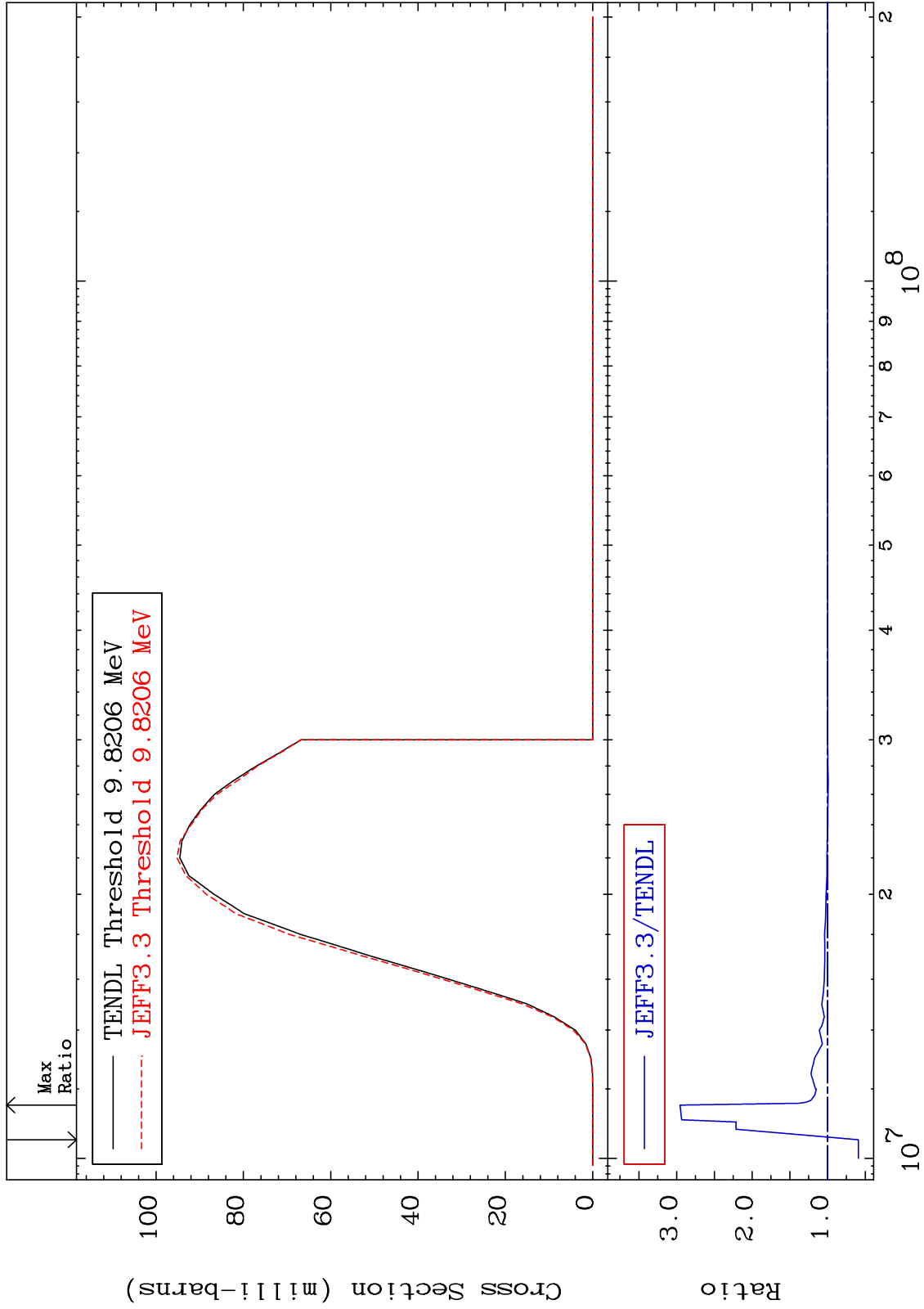
MAT 1322

(n,n') α

13-Al-26

Cross Section

-40.92 To 195.5 %



13-Al-26

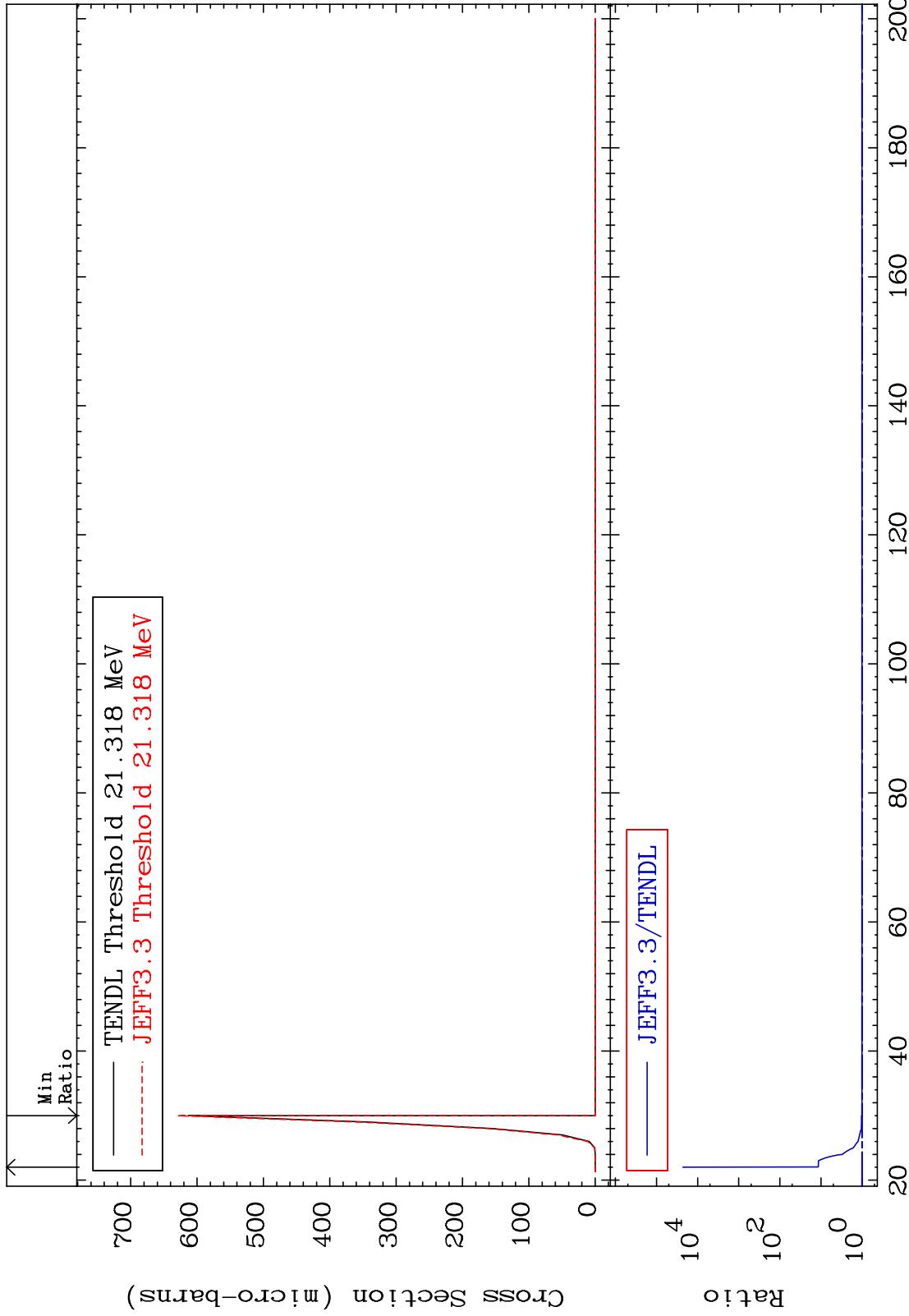
MAT 1322

(n,2n) α

13-Al-26

Cross Section

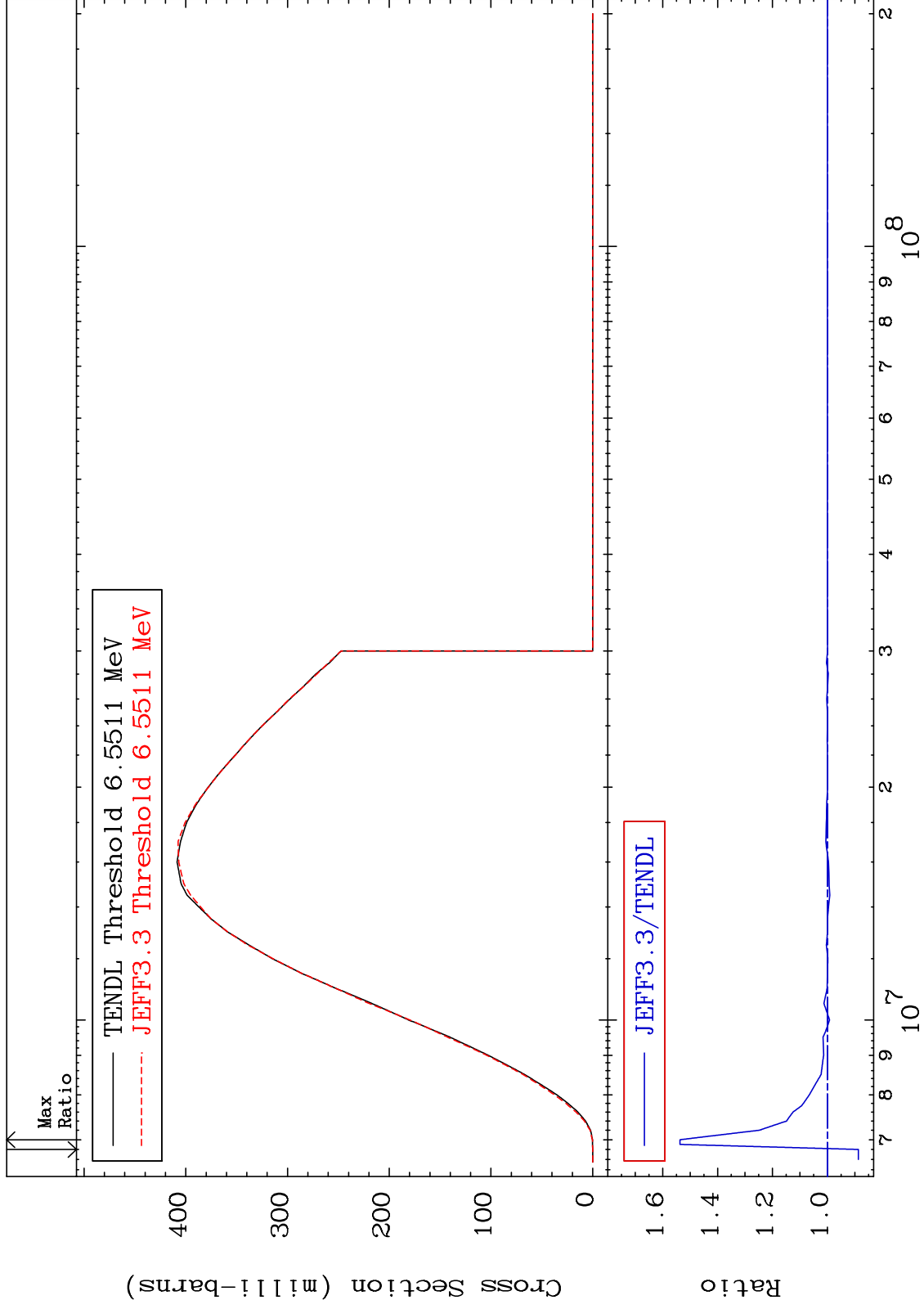
0.000 To 9999. %



MAT 1322

(n, n') p
Cross Section

13-Al-26
-11.32 To 53.69 %



MAT 1322

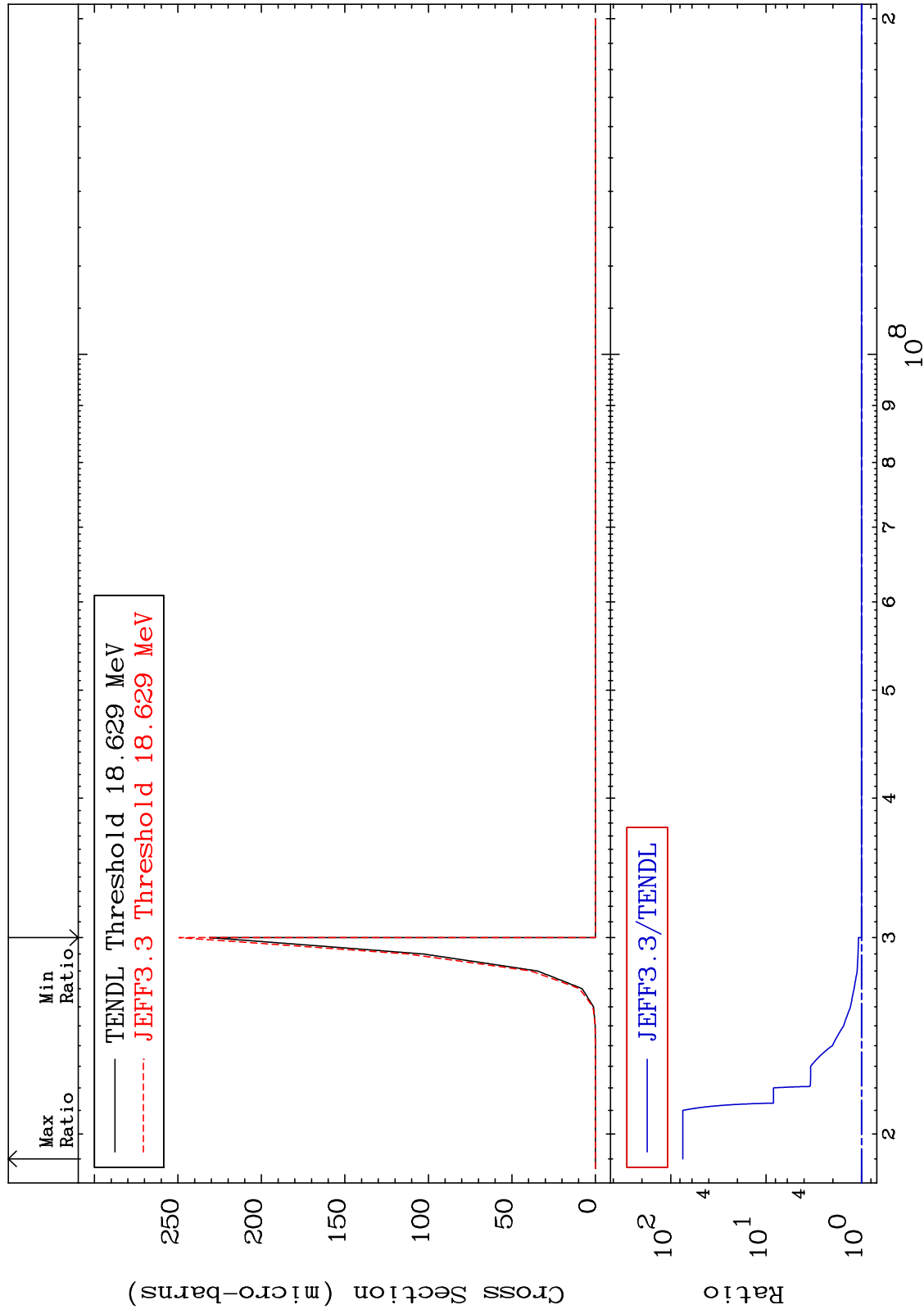
(n,n') 2α

13-Al-26

Cross Section

0.000

To 7359. %



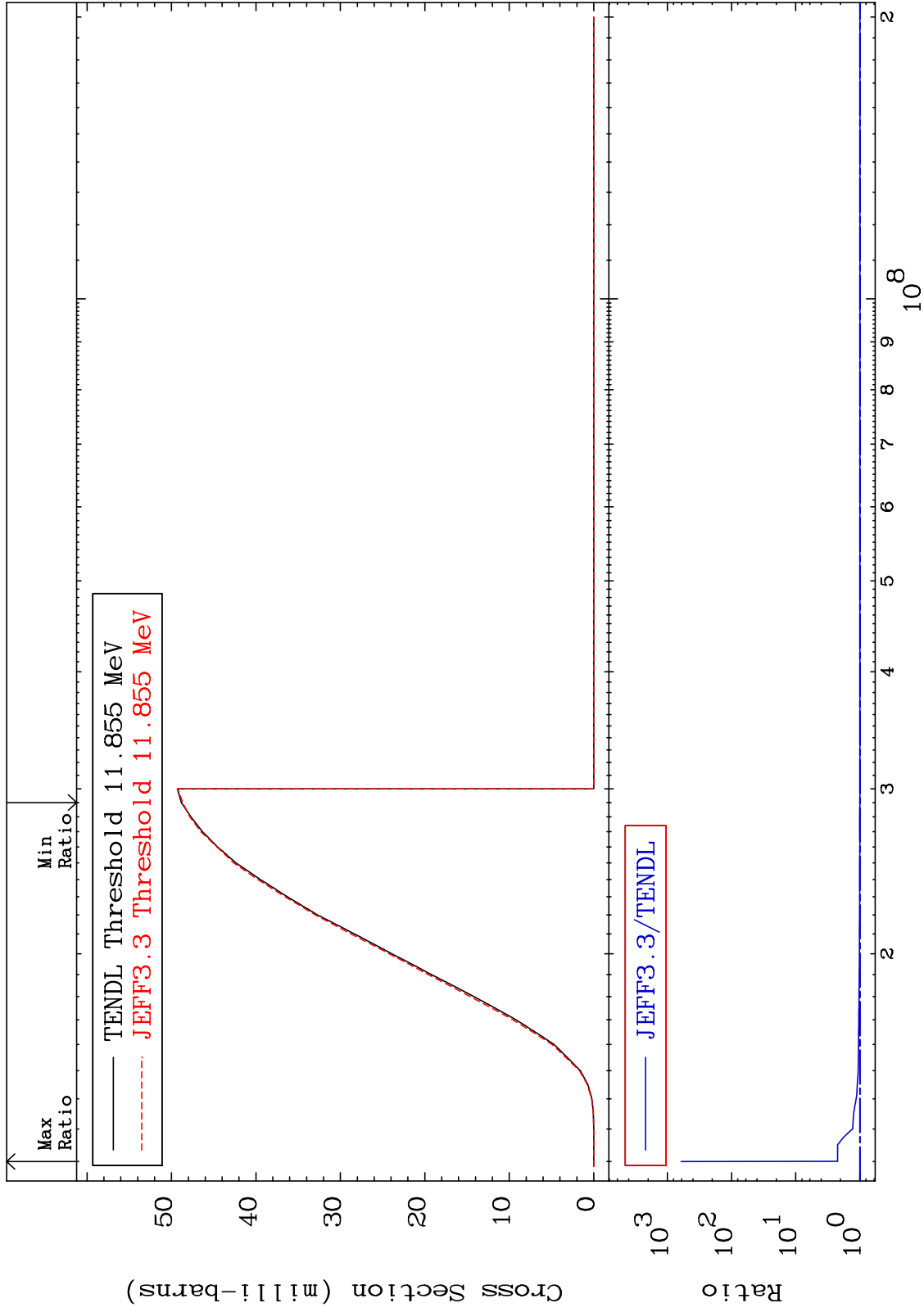
MAT 1322

(n,n') d

13-Al-26

Cross Section

-0.331 To 9999. %



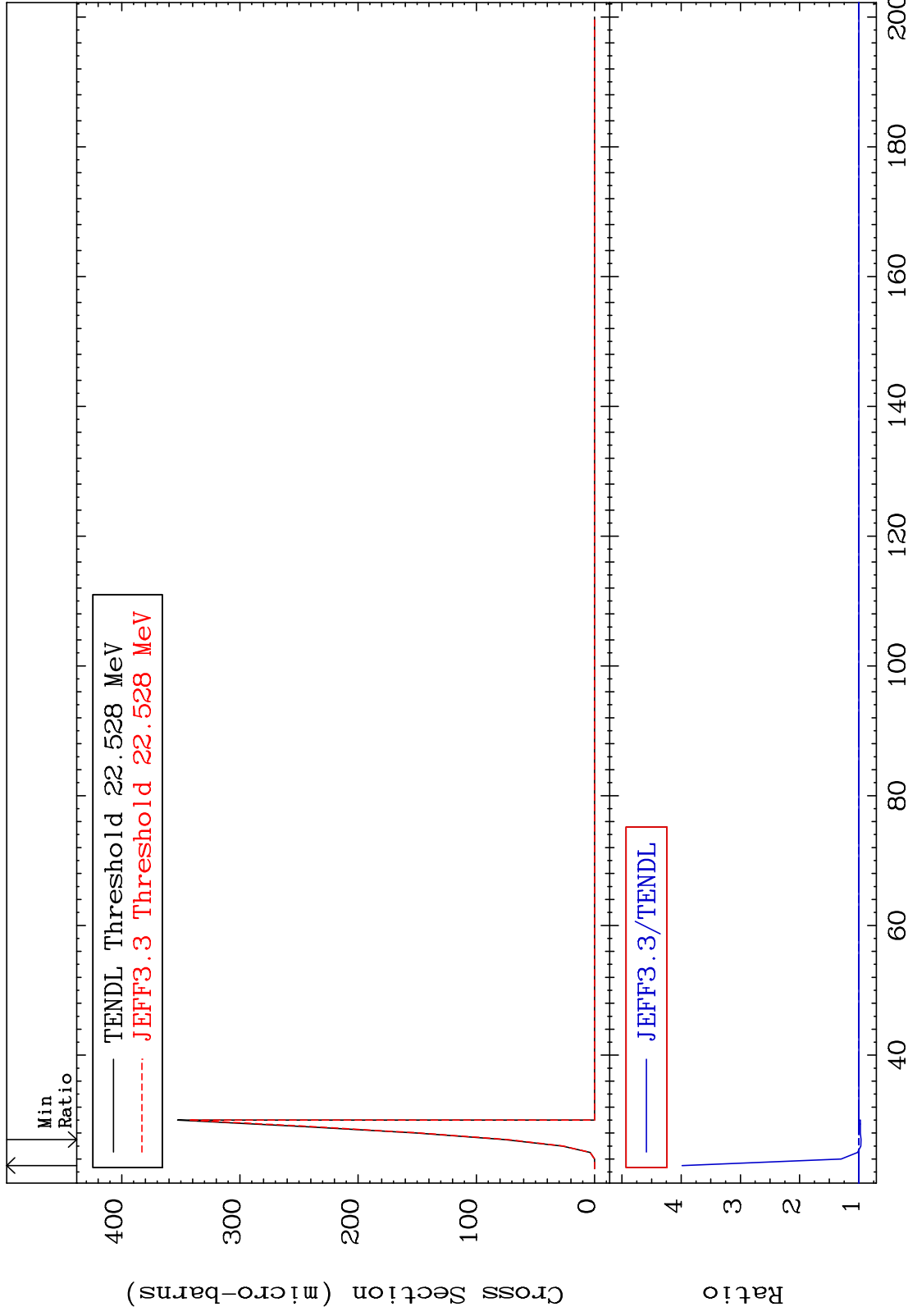
MAT 1322

(n,n') t

13-Al-26

Cross Section

-3.699 To 298.4 %



10

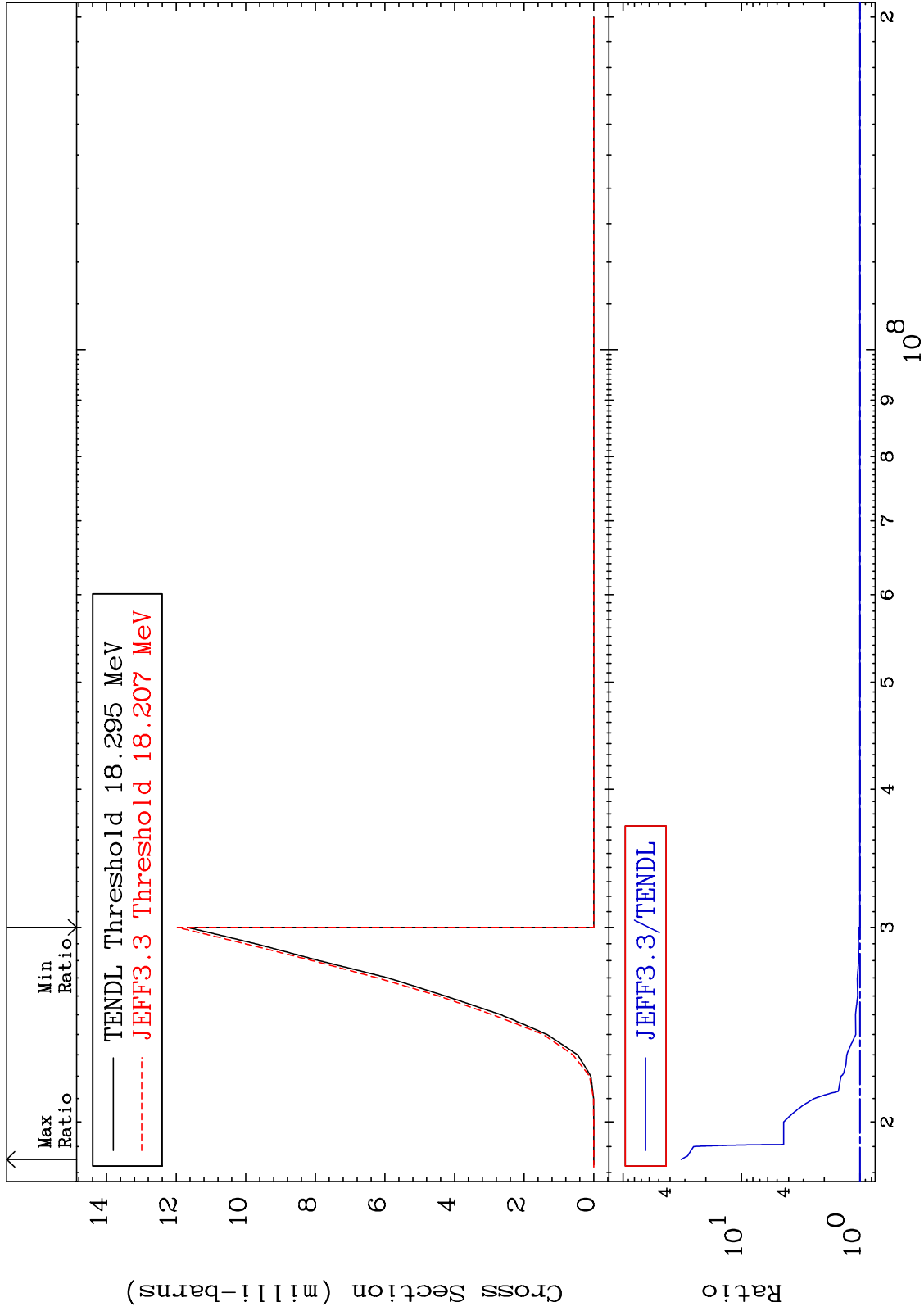
Incident Energy (MeV)

13-Al-26

MAT 1322

(n,n') He-3
Cross Section

13-Al-26
0.000 To 3123. %



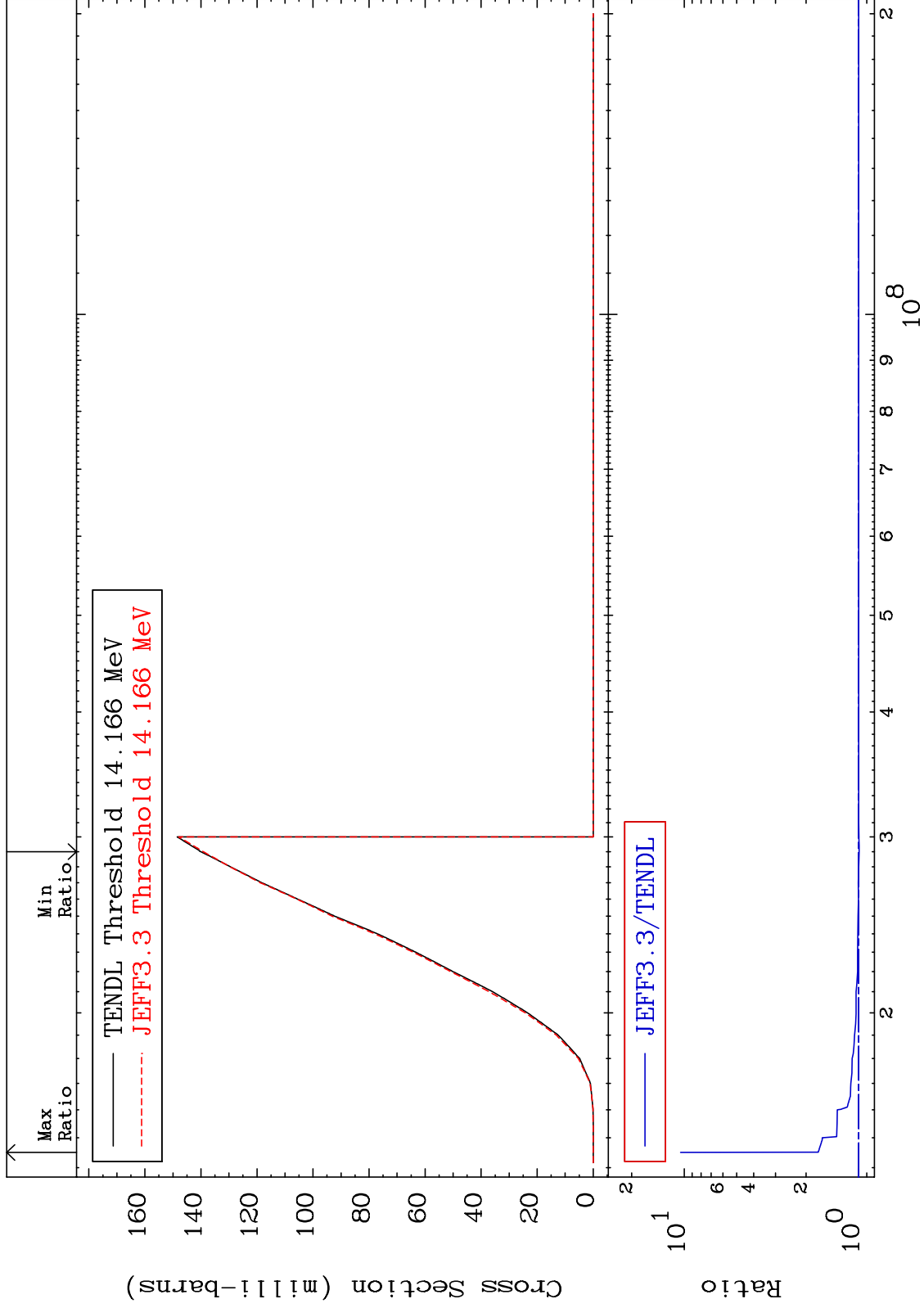
MAT 1322

(n,2n) p

13-Al-26

Cross Section

-0.613 To 948.0 %



12

Incident Energy (eV)

13-Al-26

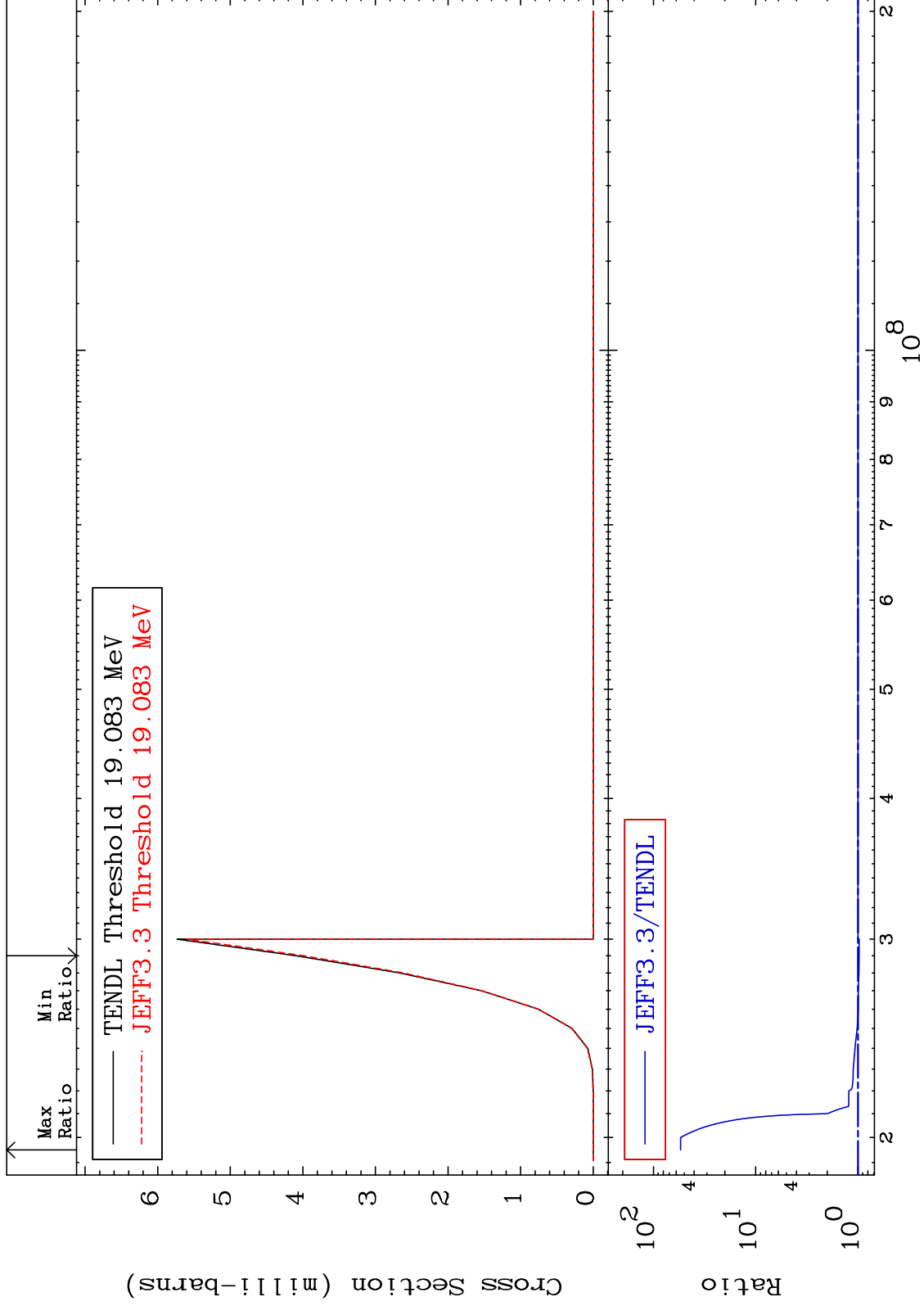
MAT 1322

(n,2n) p

13-Al-26

Cross Section

-2.613 To 5319. %



13

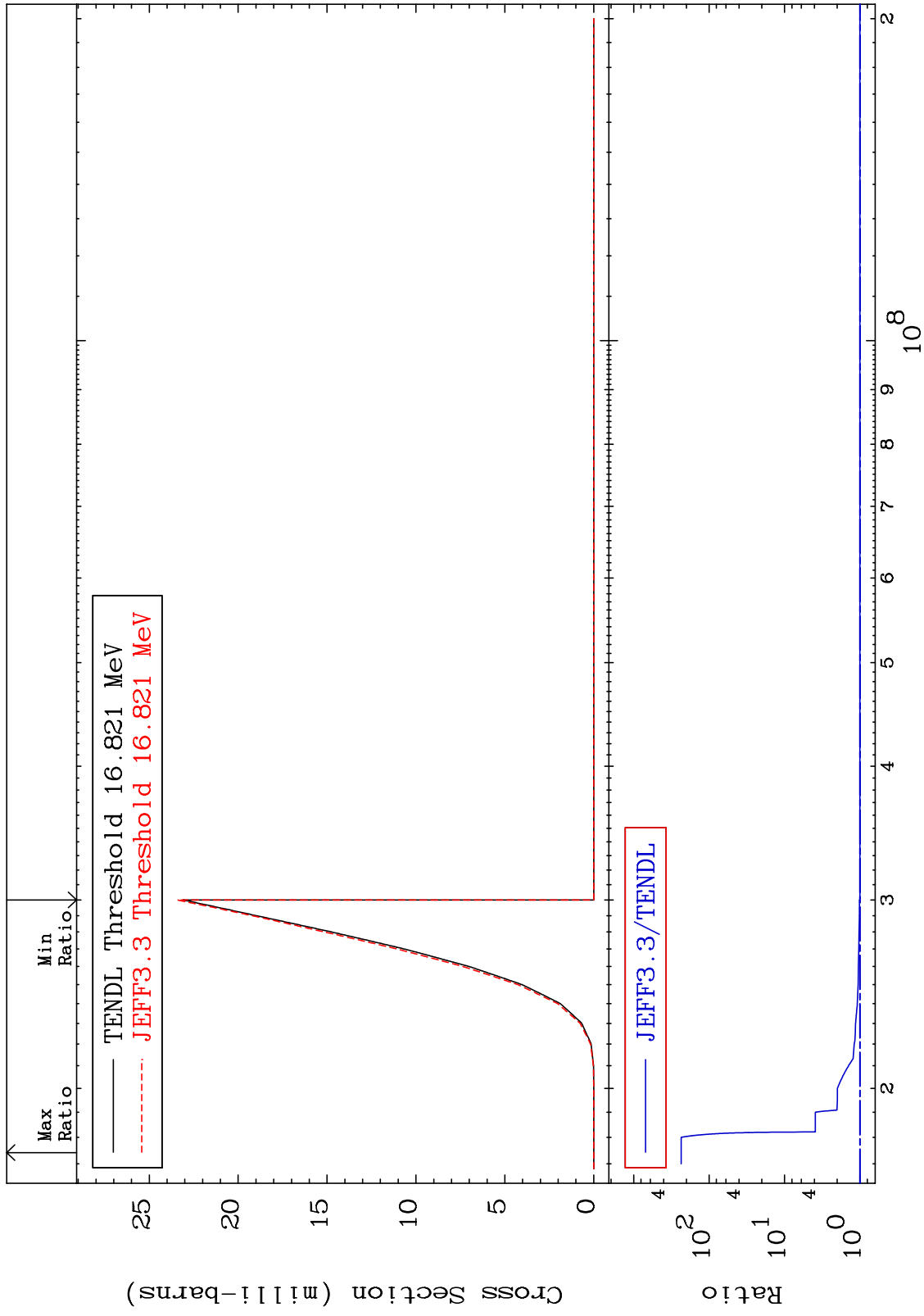
Incident Energy (eV)

13-Al-26

MAT 1322

(n,n') p α
Cross Section

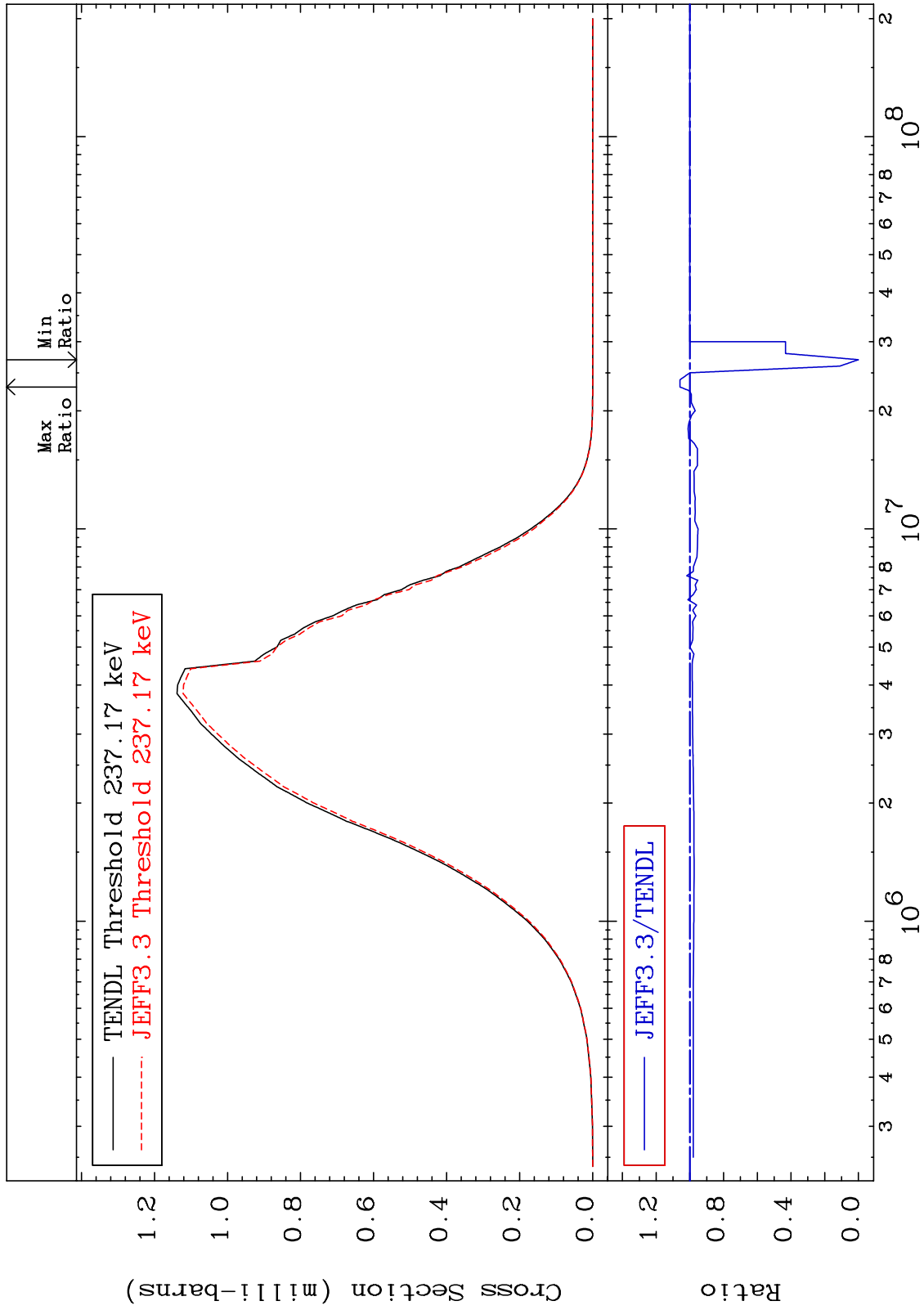
13-Al-26
0.000 To 9999. %



MAT 1322

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

13-Al-26
-100.0 To 5.839 %



15

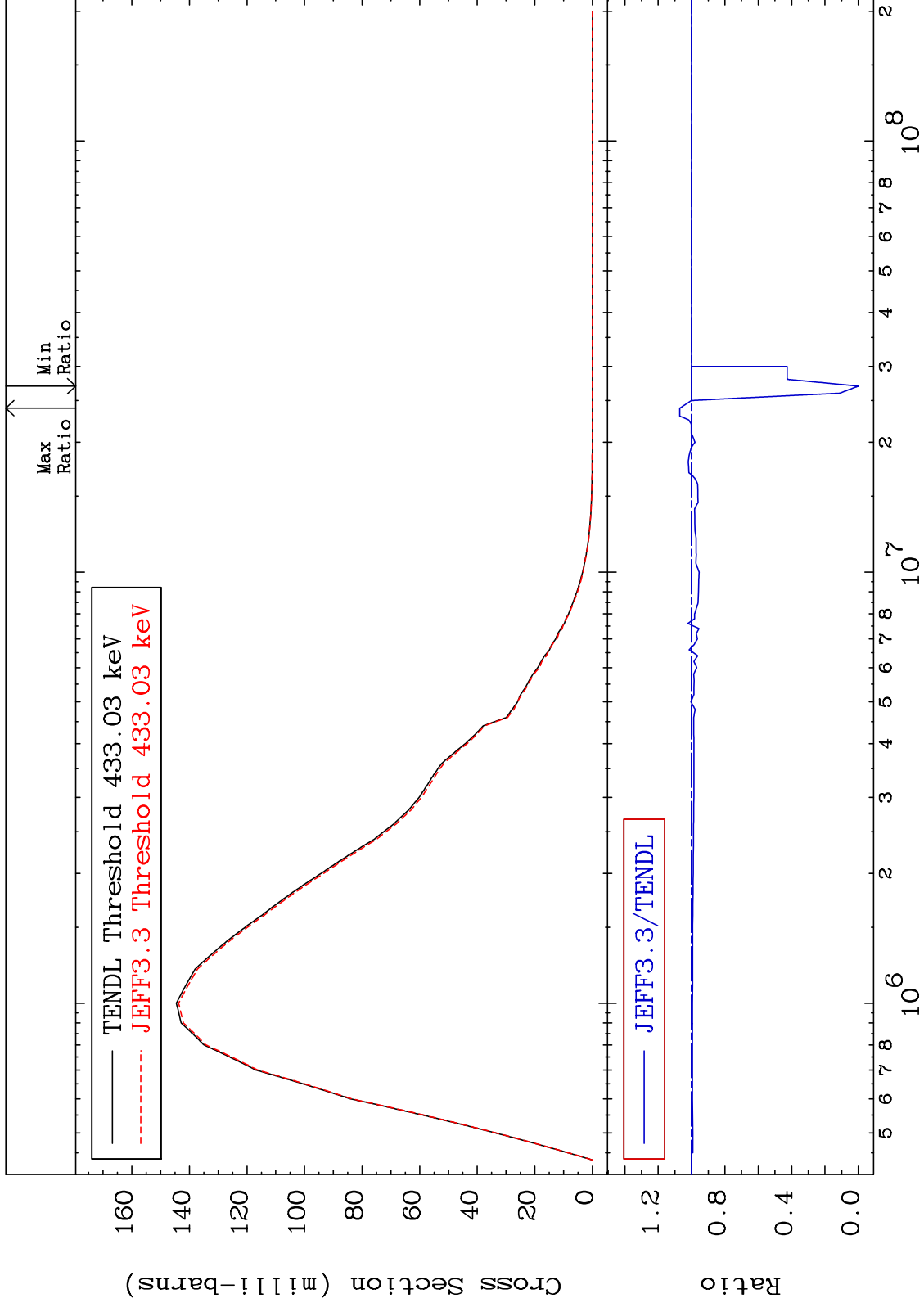
Incident Energy (eV)

13-Al-26

MAT 1322

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

13-Al-26
-100.0 To 7.057 %



16

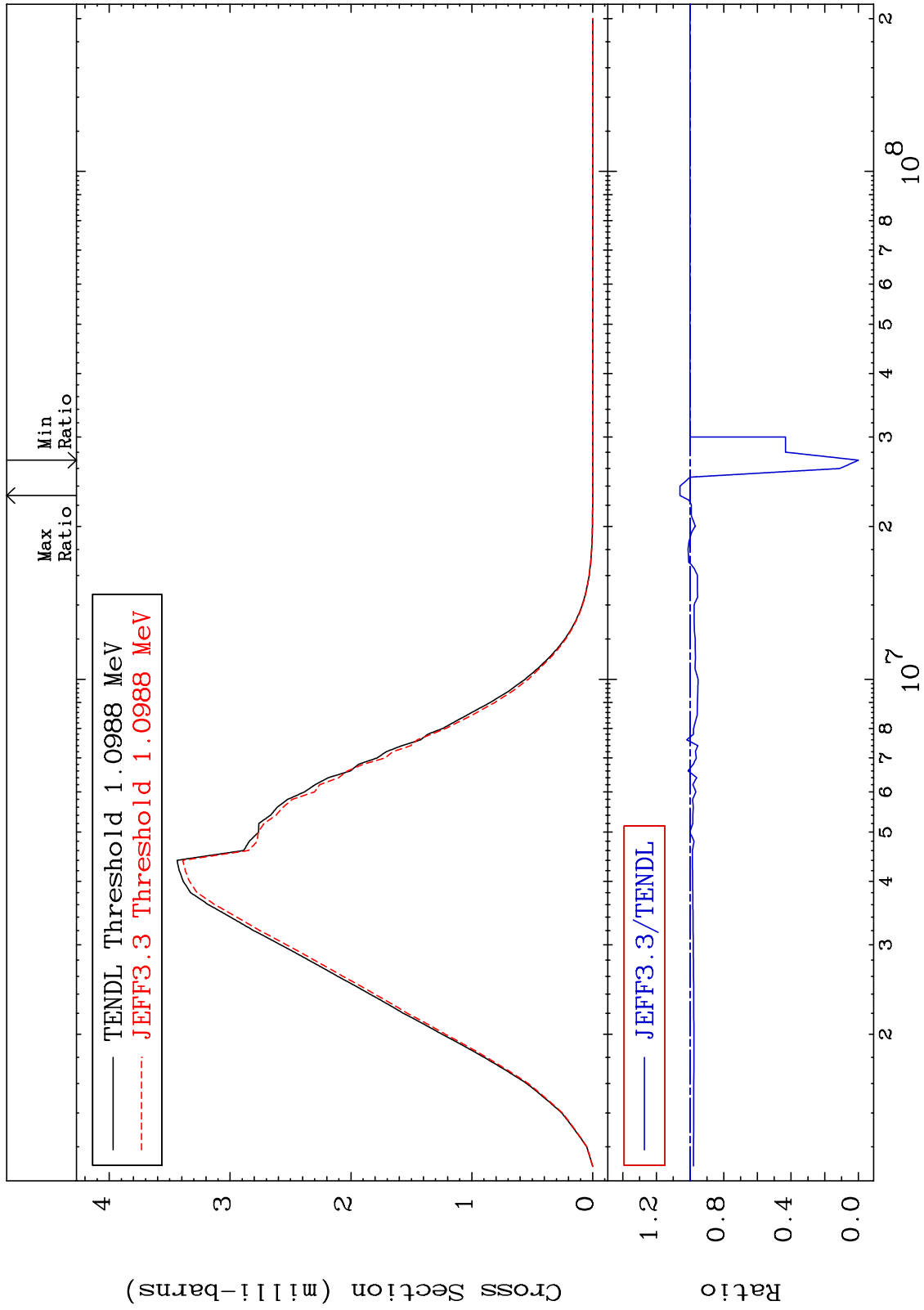
Incident Energy (eV)

13-Al-26

MAT 1322

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

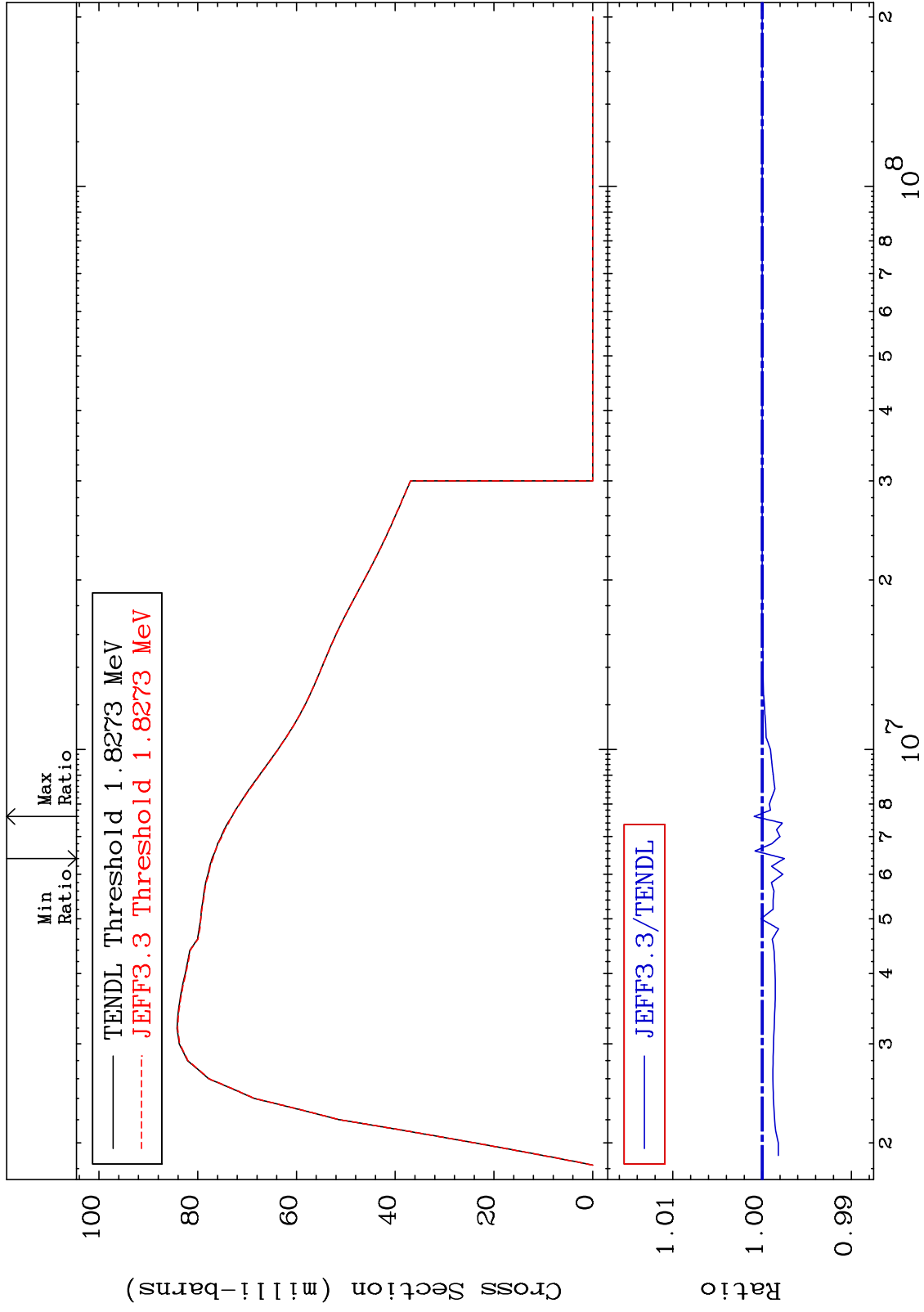
13-Al-26
-100.0 To 5.966 %



MAT 1322

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

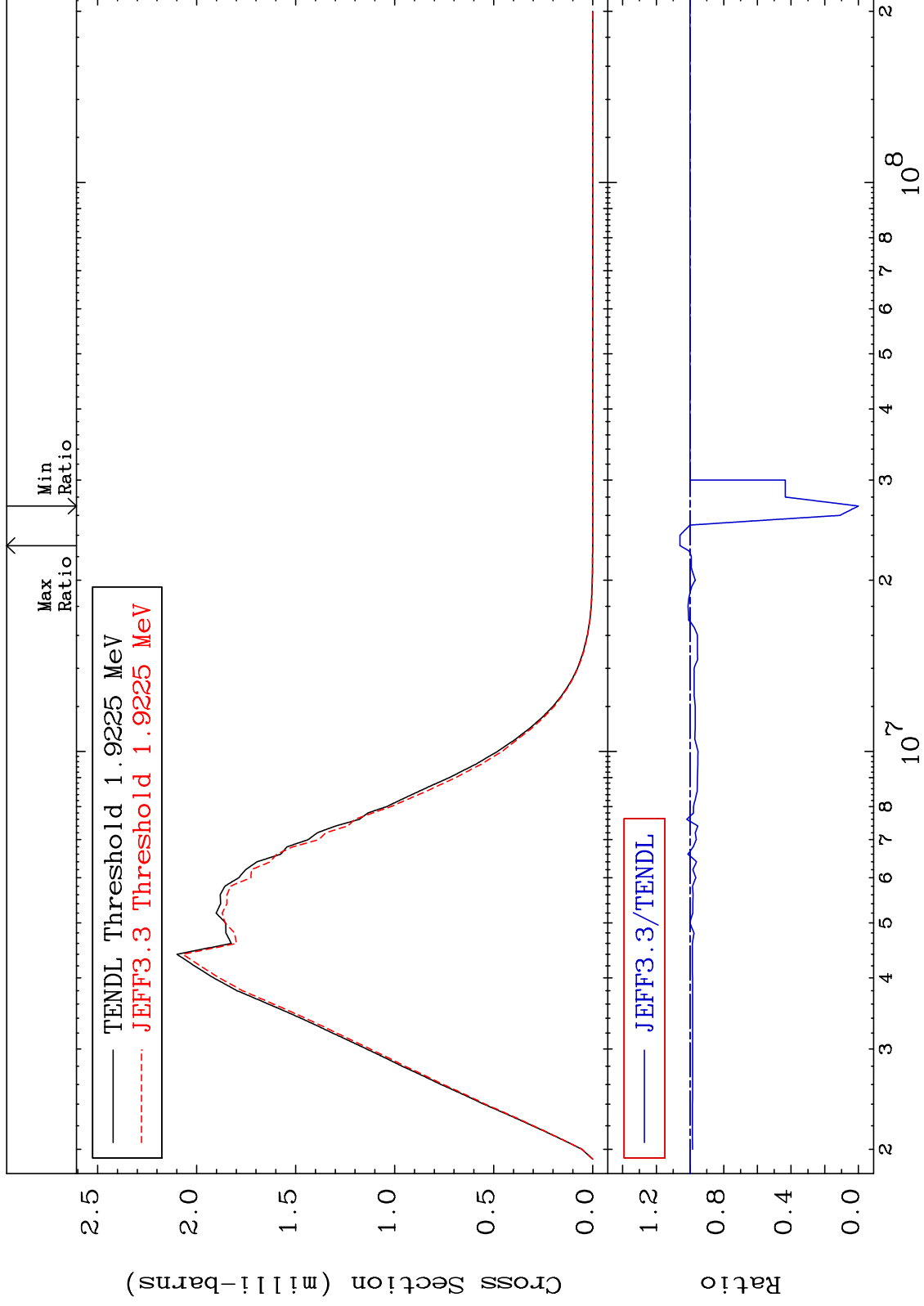
13-Al-26
-0.249 To 0.090 %



MAT 1322

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

13-Al-26
-100.0 To 5.928 %



19

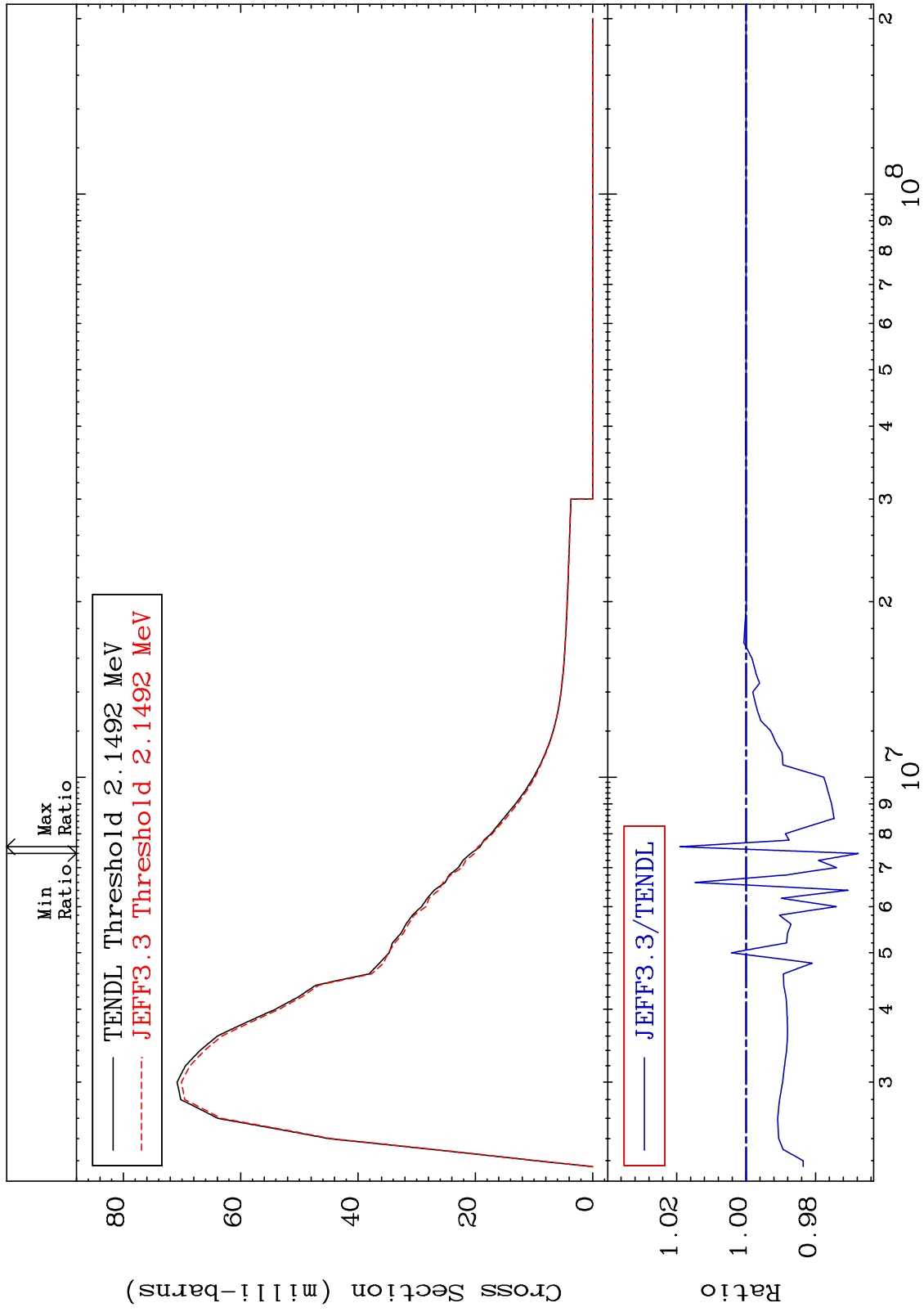
Incident Energy (eV)

13-Al-26

MAT 1322

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

13-AI-26
-3.235 To 1.903 %



20

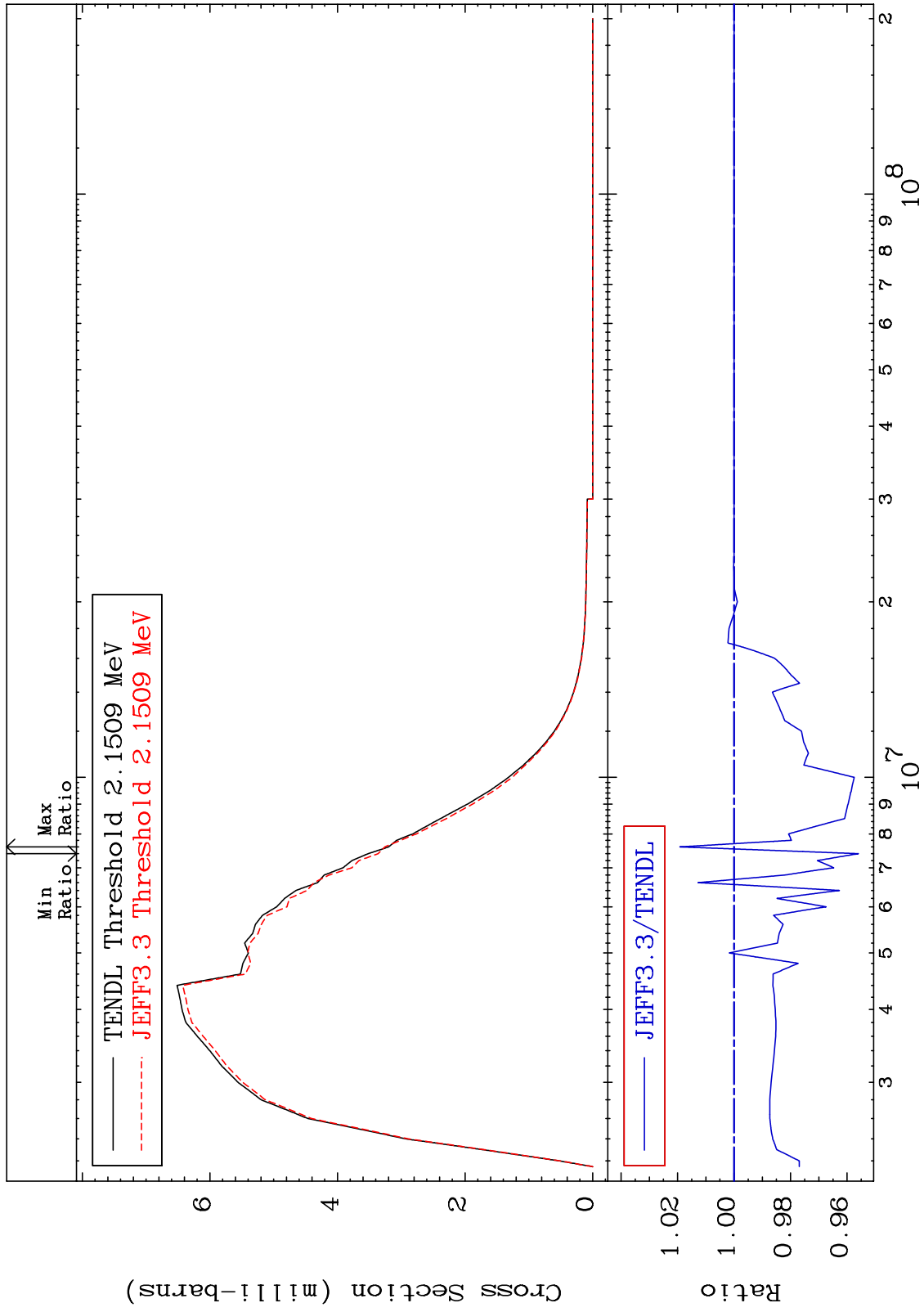
Incident Energy (eV)

13-AI-26

MAT 1322

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

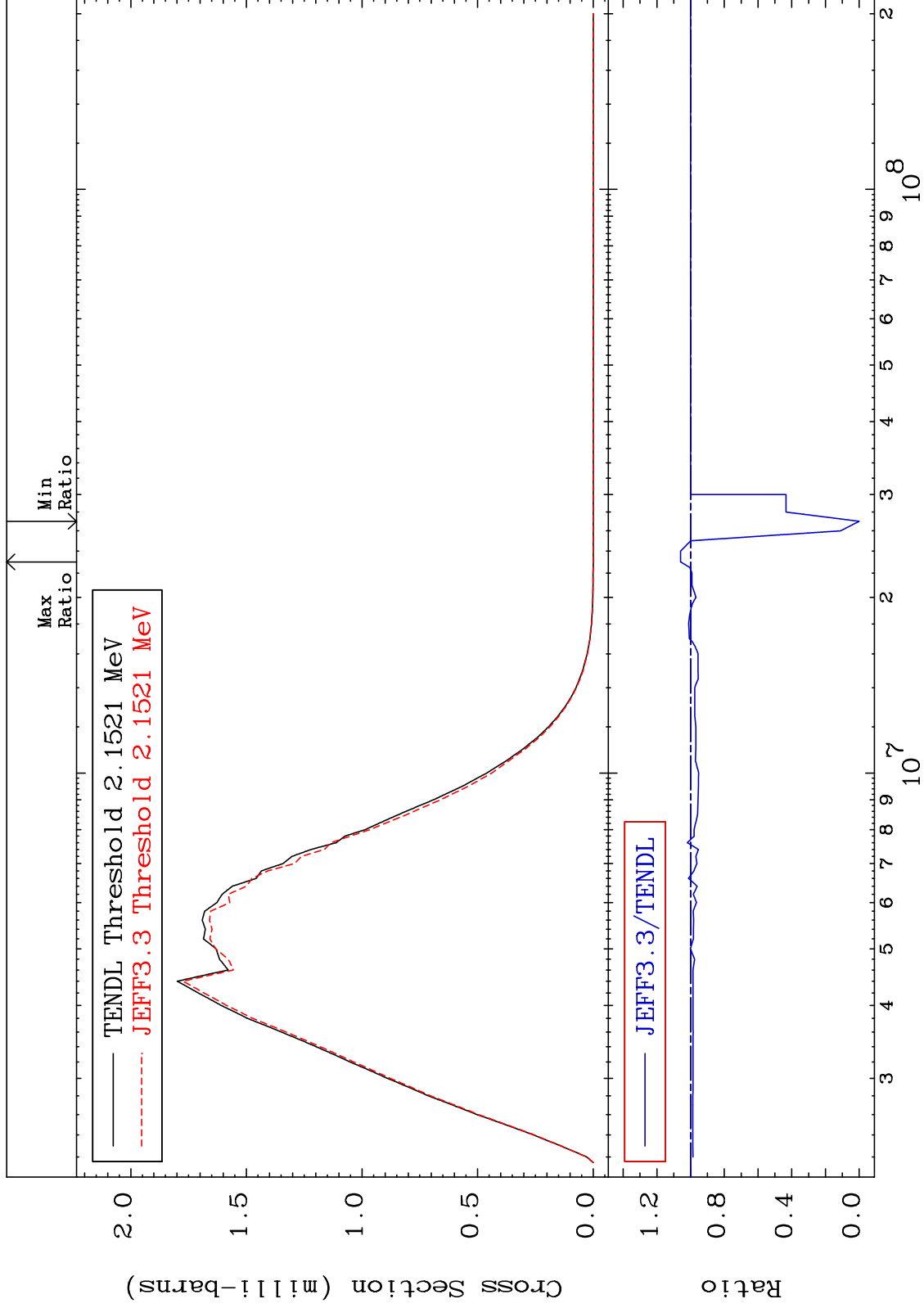
13-Al-26
-4.400 To 1.913 %



MAT 1322

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

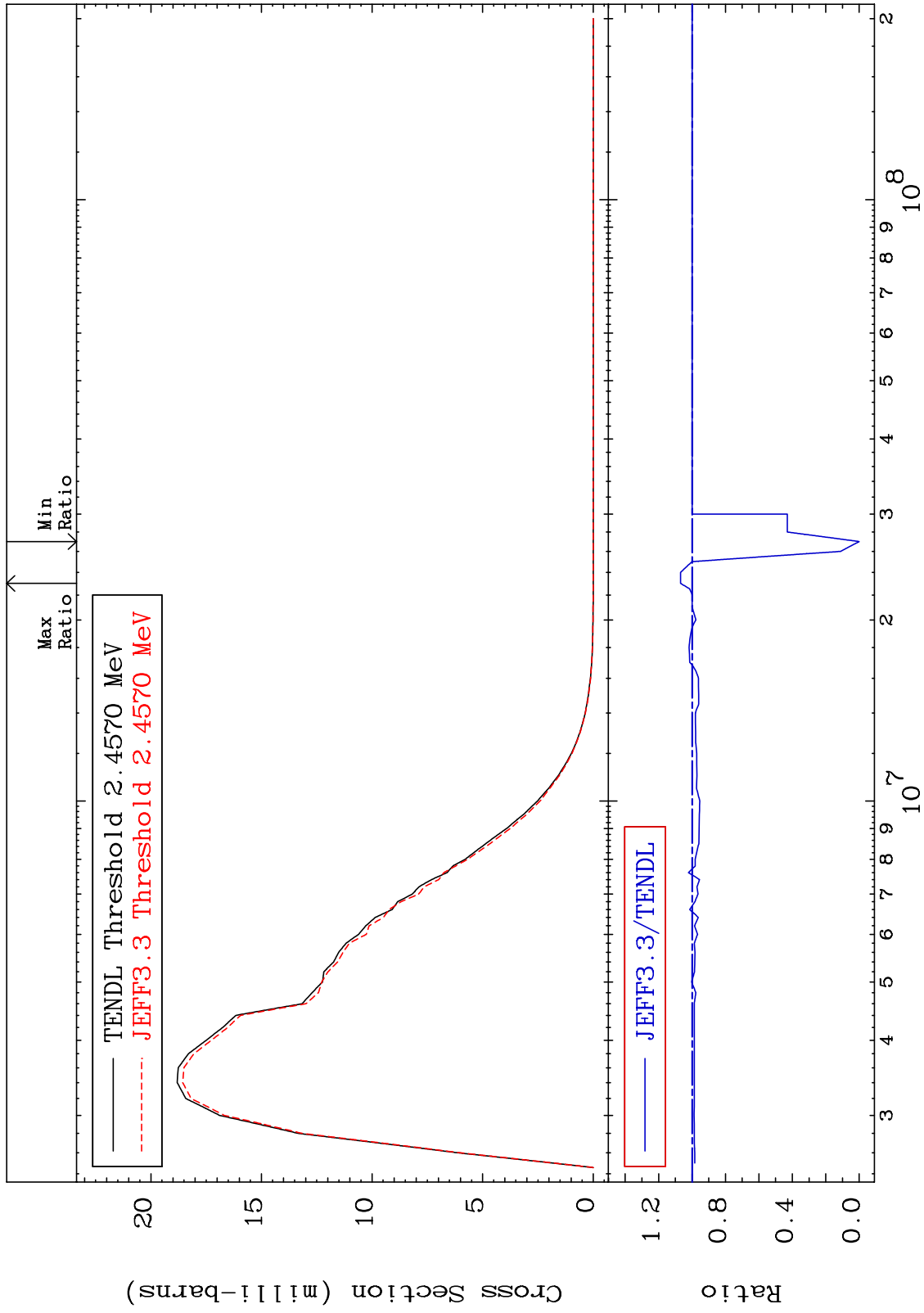
13-Al-26
-100.0 To 5.918 %



MAT 1322

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

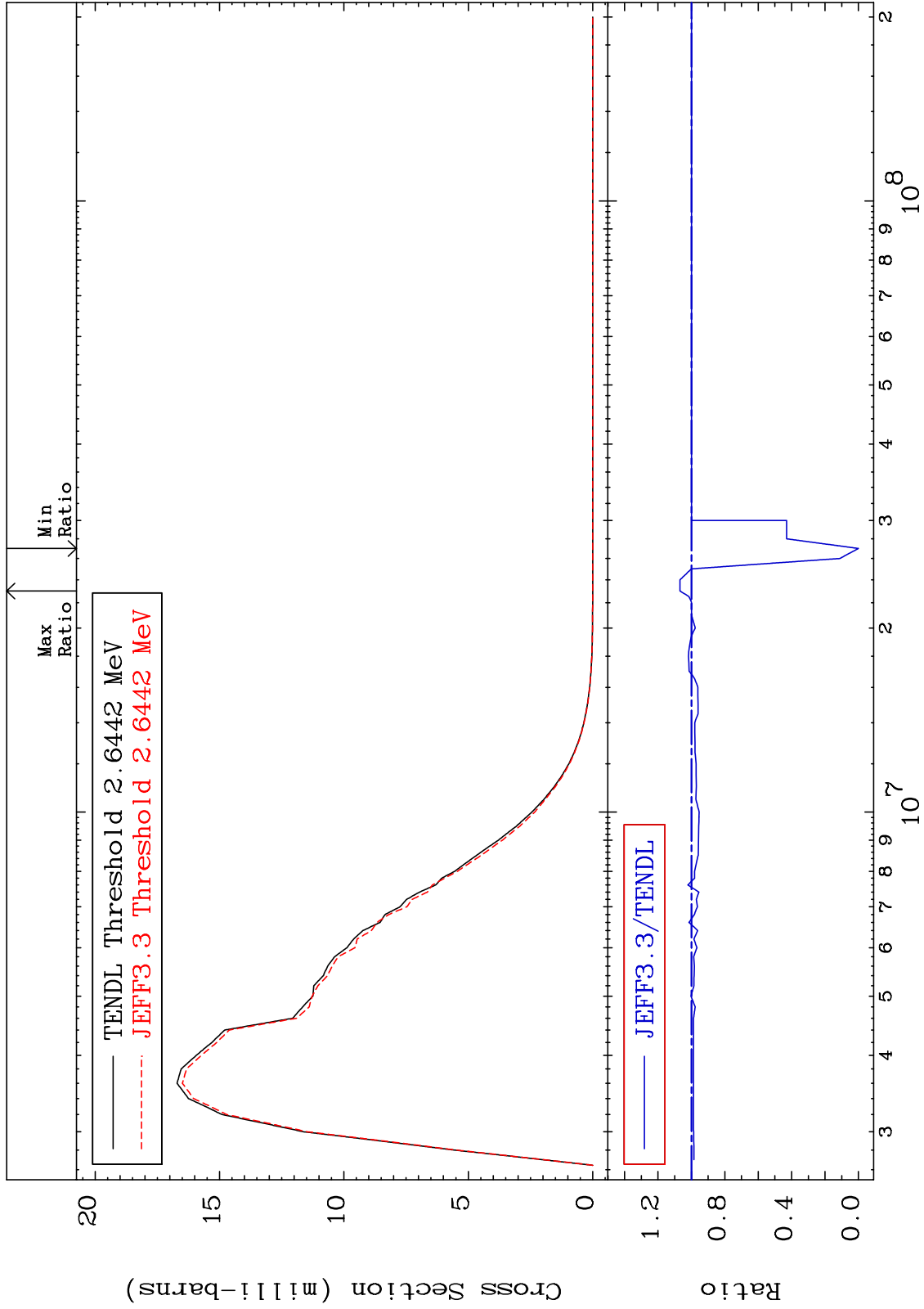
13-Al-26
-100.0 To 6.838 %



MAT 1322

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

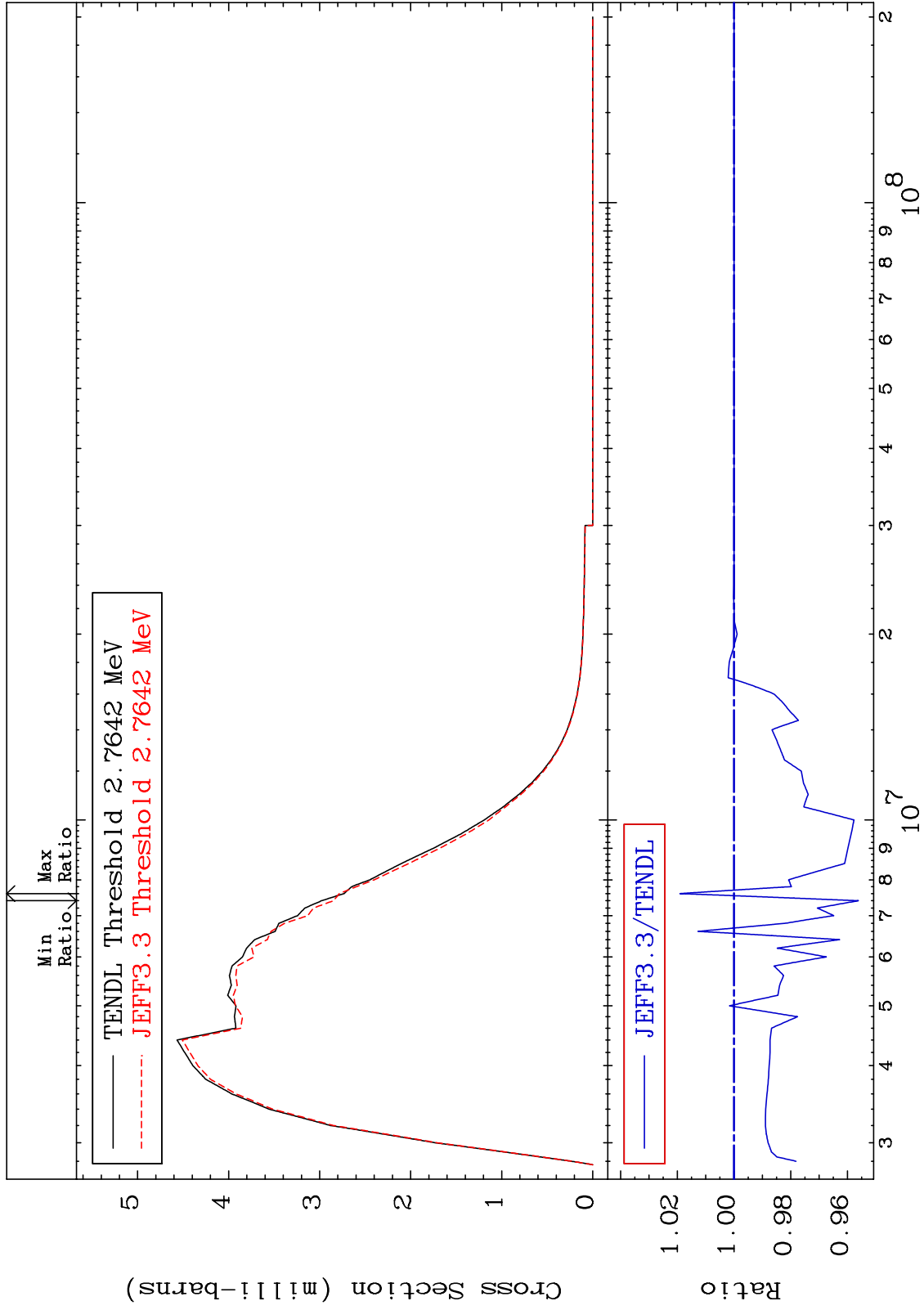
13-Al-26
-100.0 To 6.818 %



MAT 1322

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

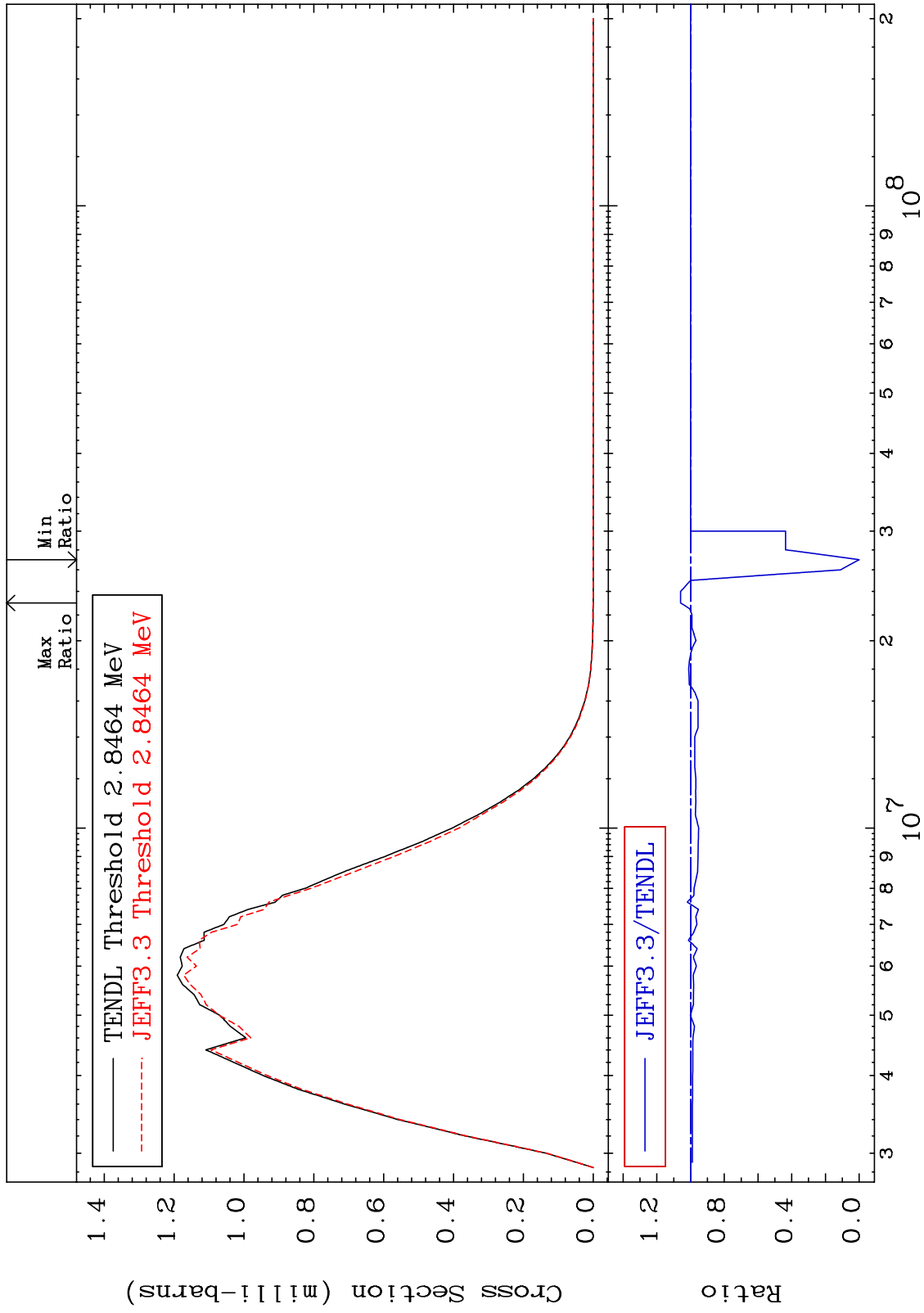
13-A1-26
-4.389 To 1.902 %



MAT 1322

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

13-Al-26
-100.0 To 5.887 %



26

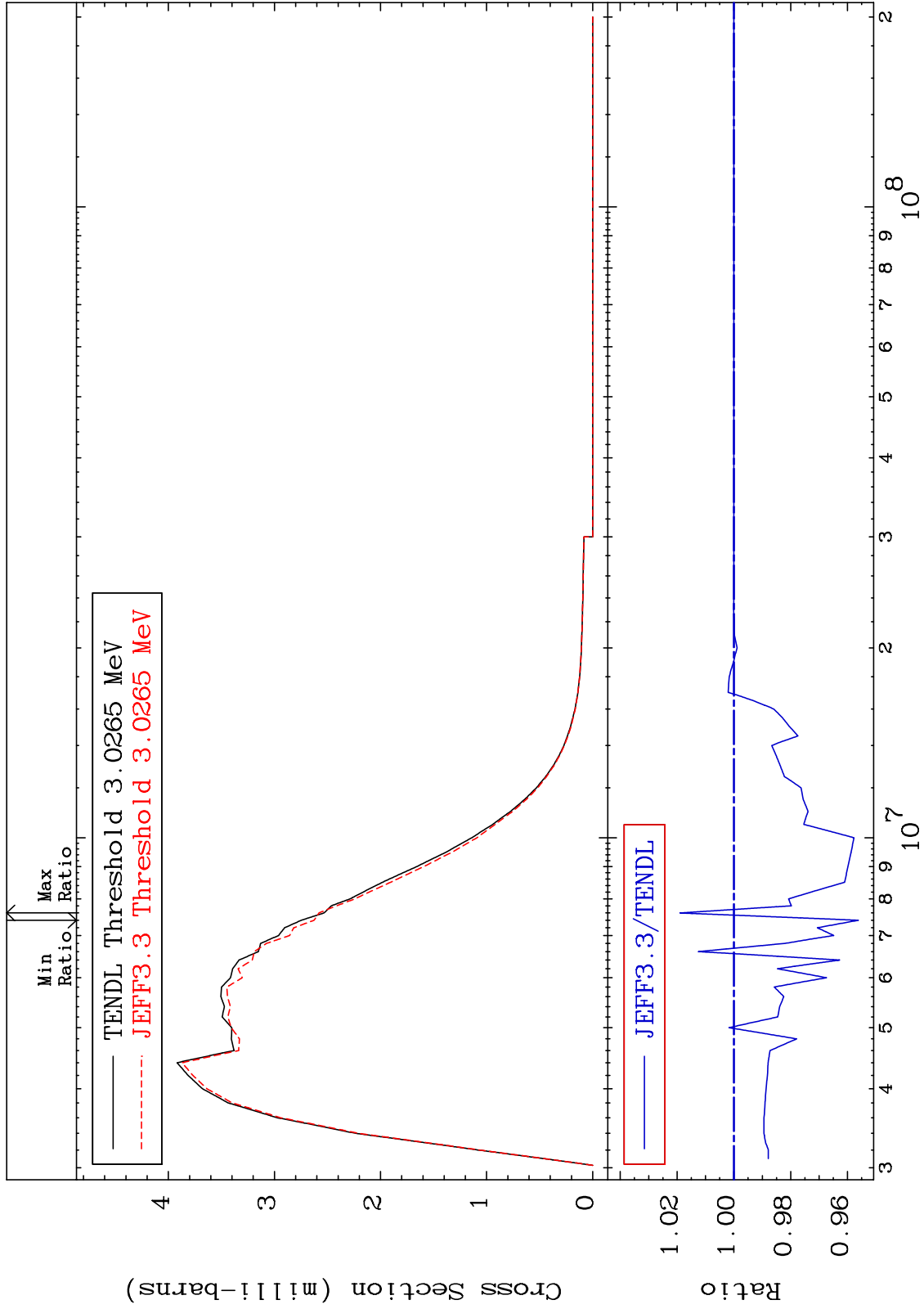
Incident Energy (eV)

13-Al-26

MAT 1322

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

13-AI-26
-4.383 To 1.896 %



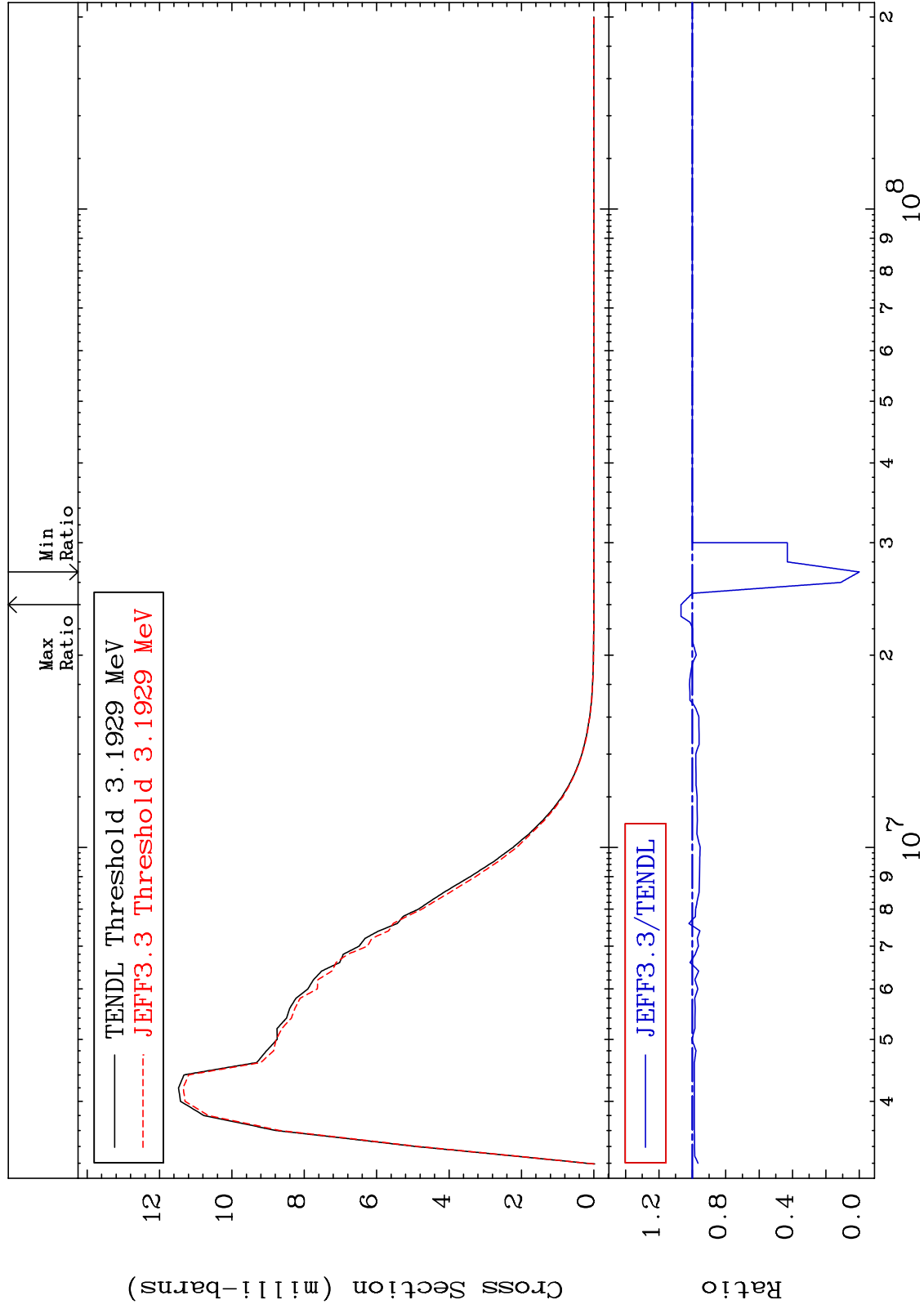
27

13-AI-26

MAT 1322

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

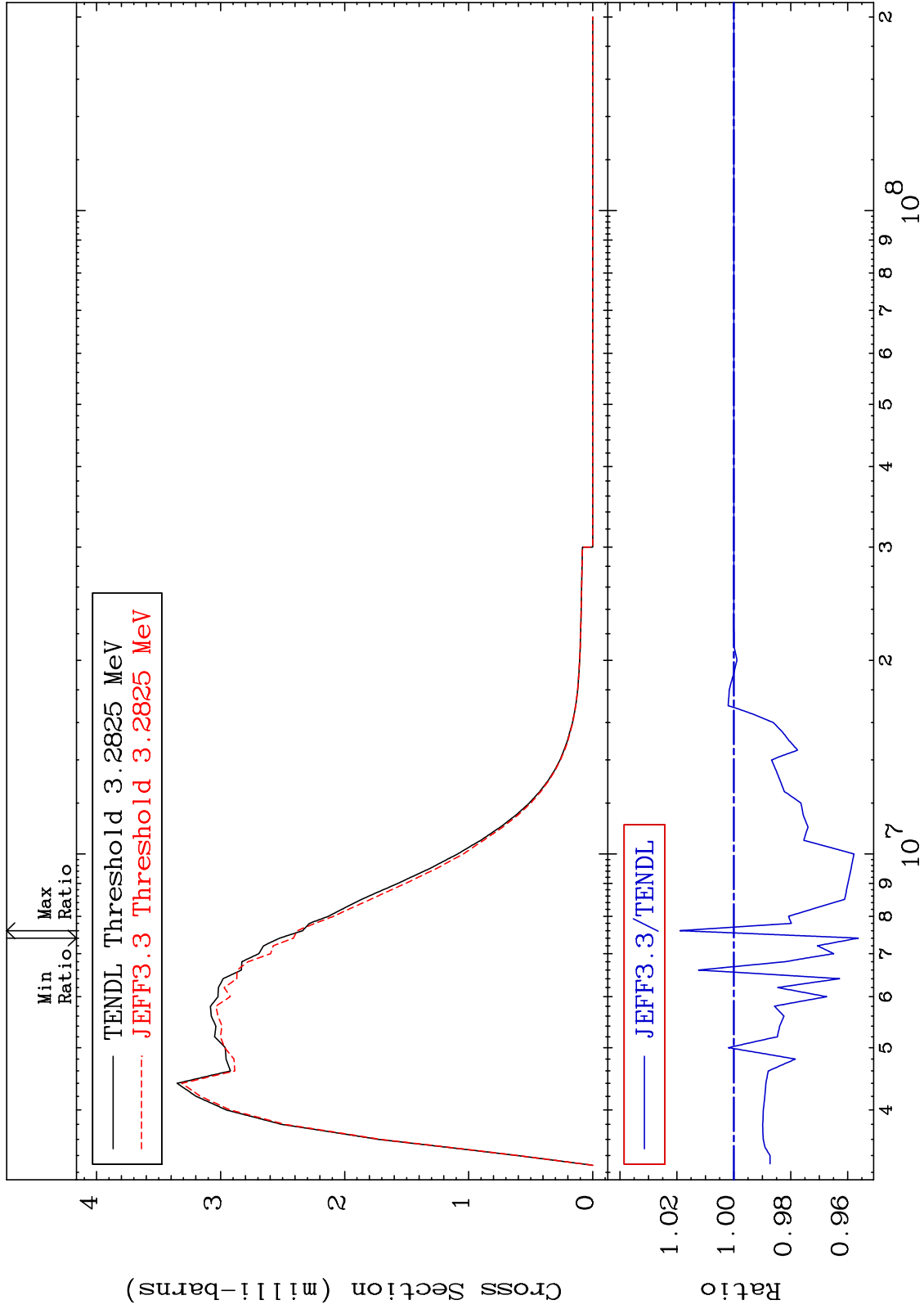
13-Al-26
-100.0 To 6.760 %



MAT 1322

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

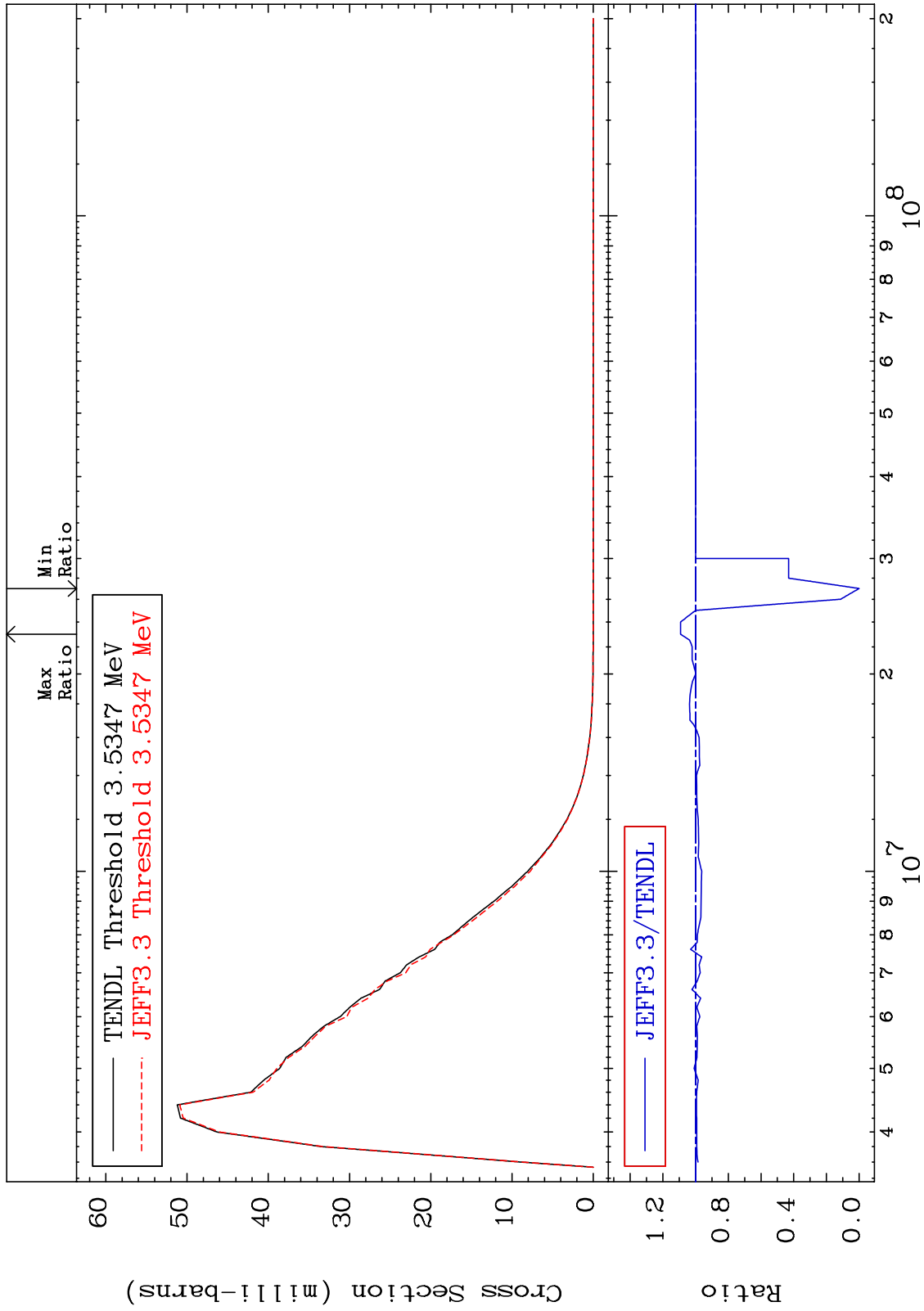
13-Al-26
-4.377 To 1.891 %



MAT 1322

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

13-Al-26
-100.0 To 9.127 %



30

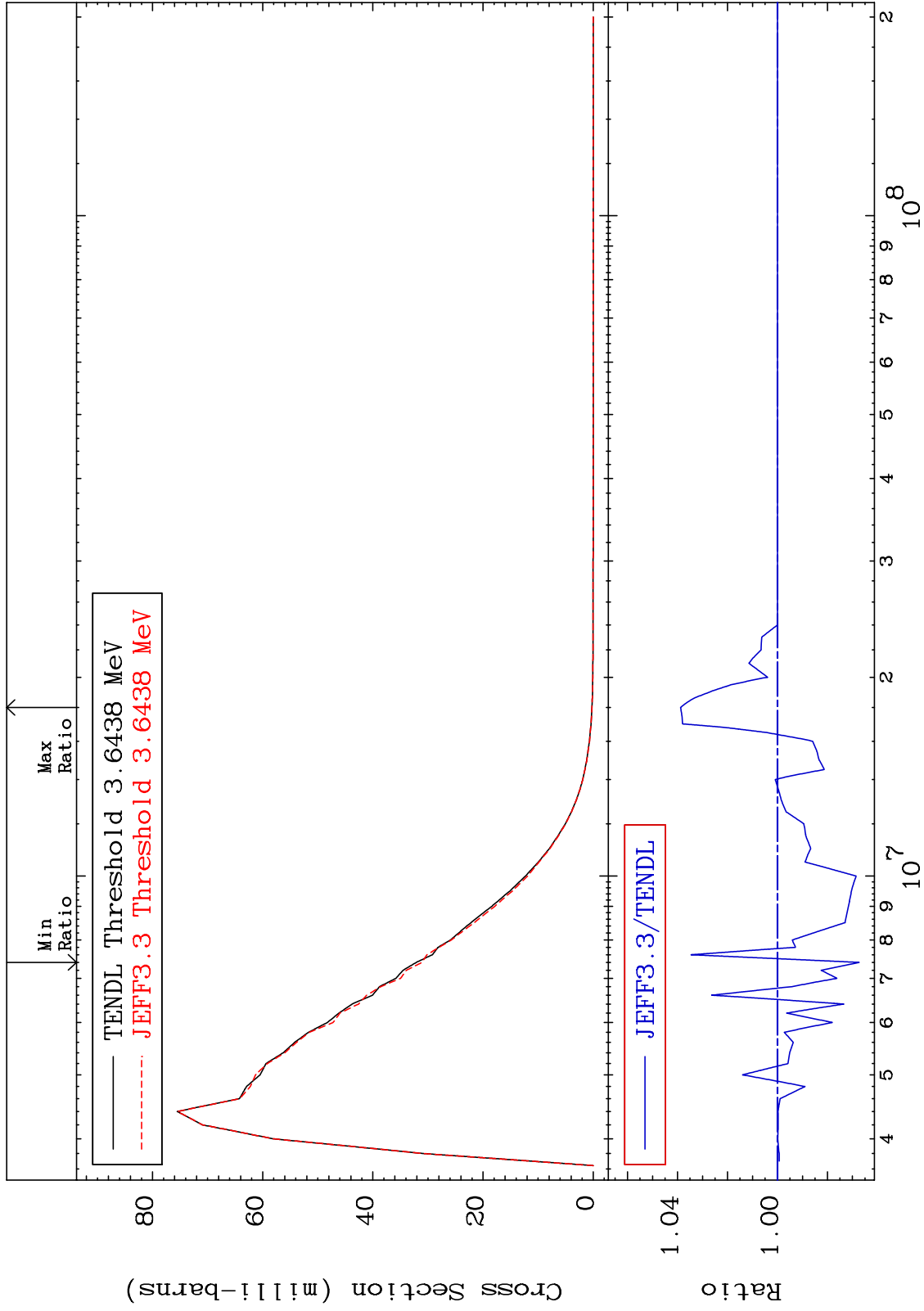
Incident Energy (eV)

13-Al-26

MAT 1322

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

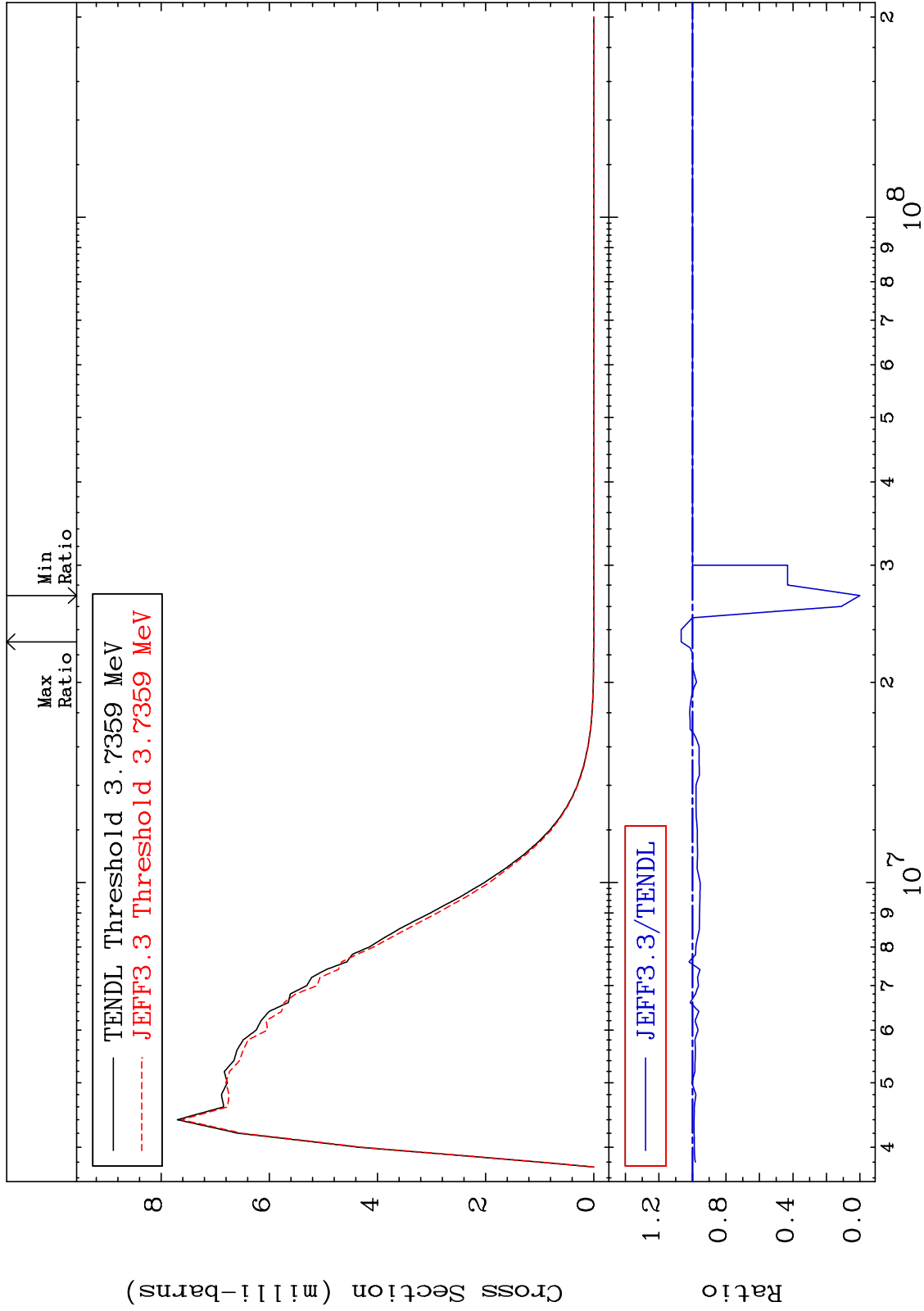
13-Al-26
-3.268 To 3.875 %



MAT 1322

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

13-Al-26
-100.0 To 6.704 %



32

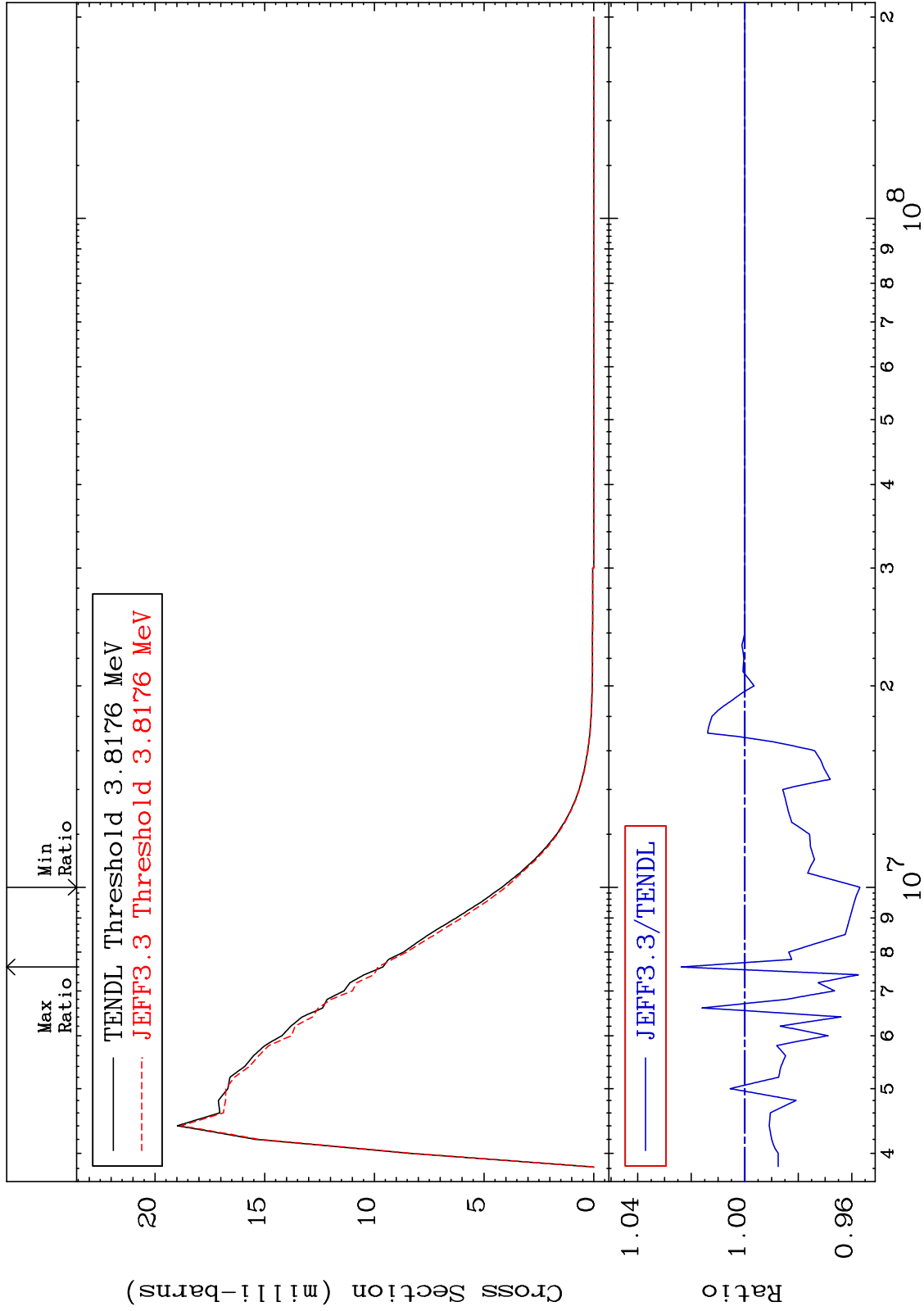
Incident Energy (eV)

13-Al-26

MAT 1322

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

13-Al-26
-4.304 To 2.376 %

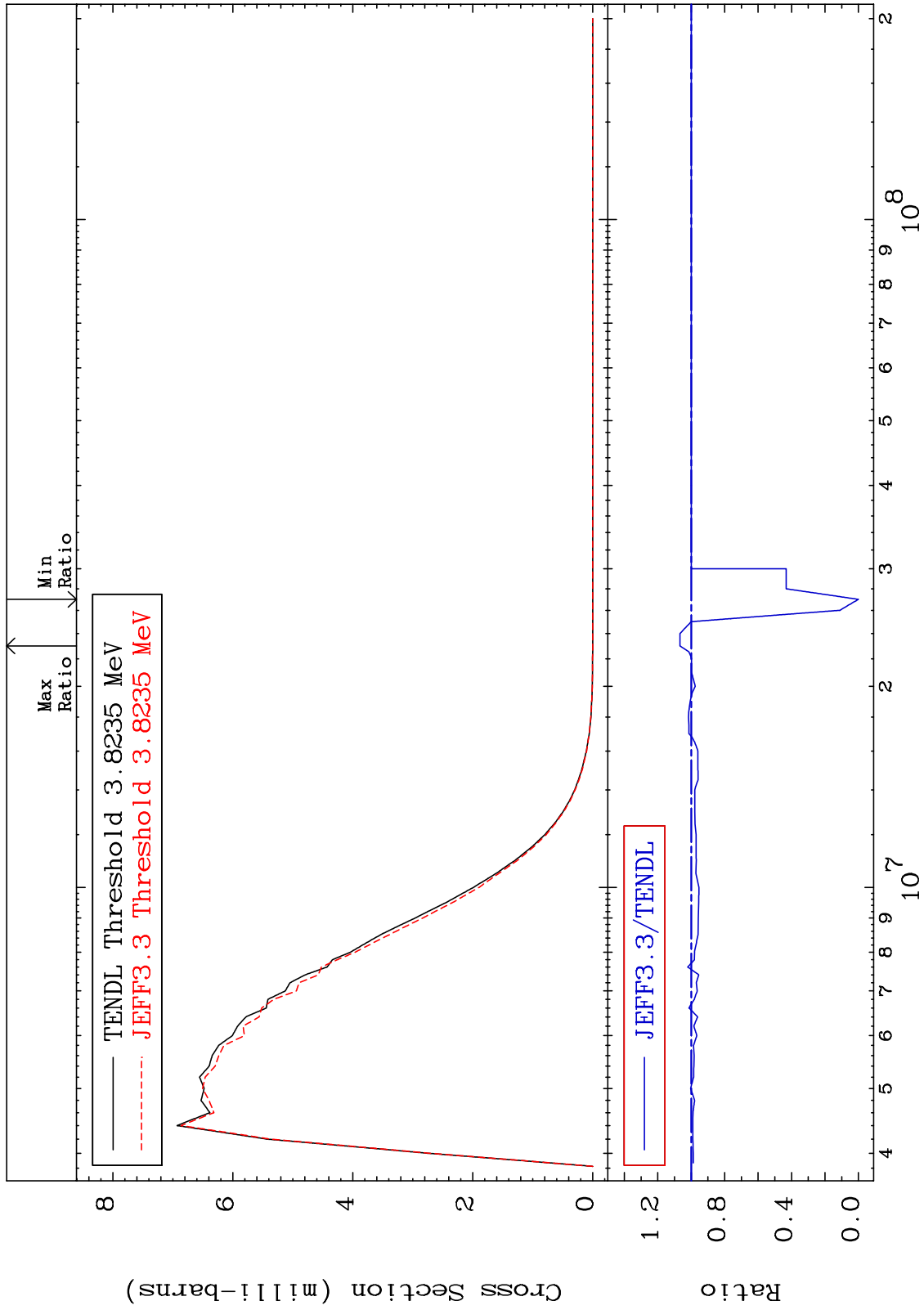


33

Incident Energy (eV)

13-Al-26

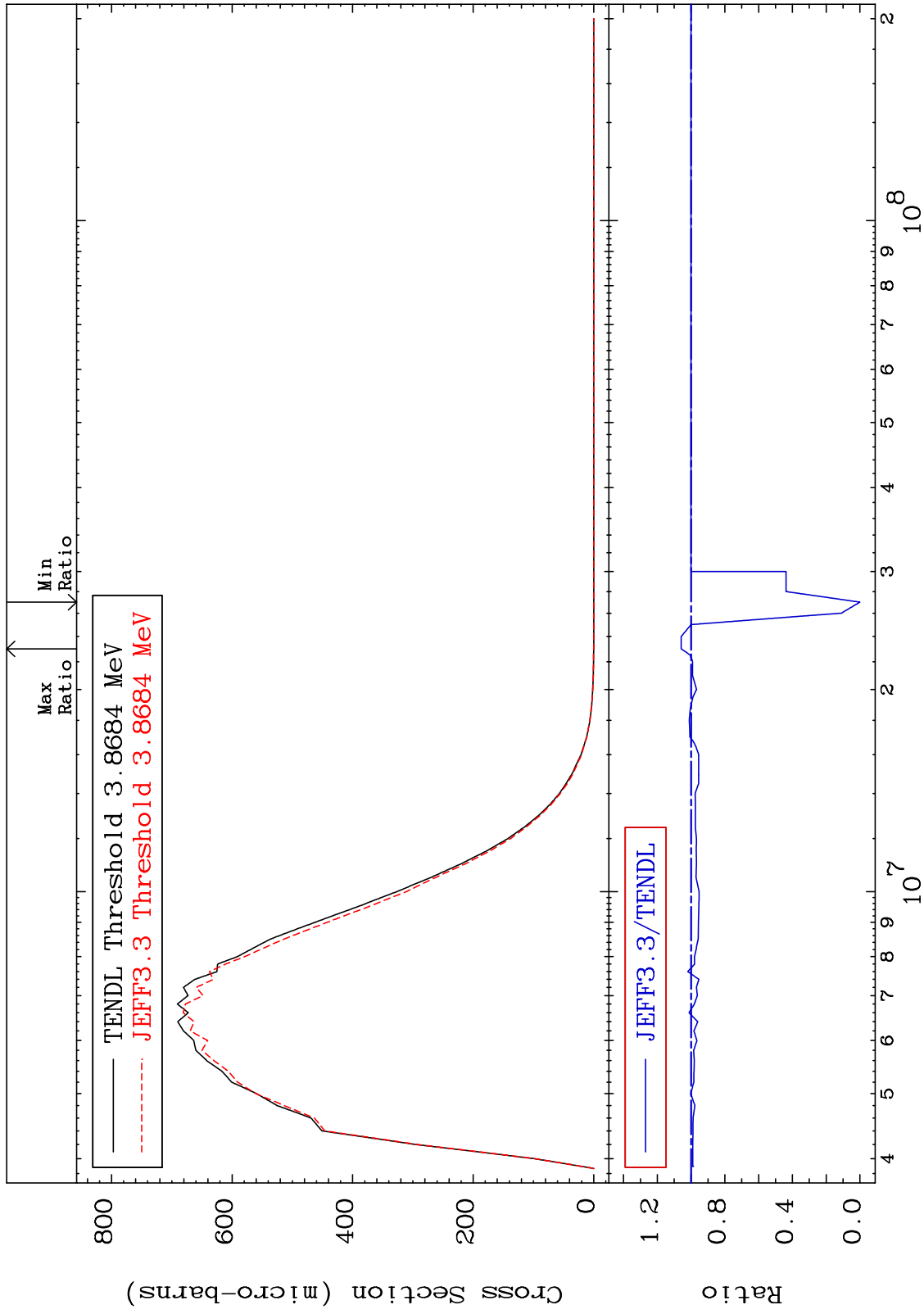
MAT 1322 MT= 70 (n, n') Level 13-Al-26
 Cross Section -100.0 To 6.695 %



MAT 1322

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

13-Al-26
-100.0 To 5.845 %



35

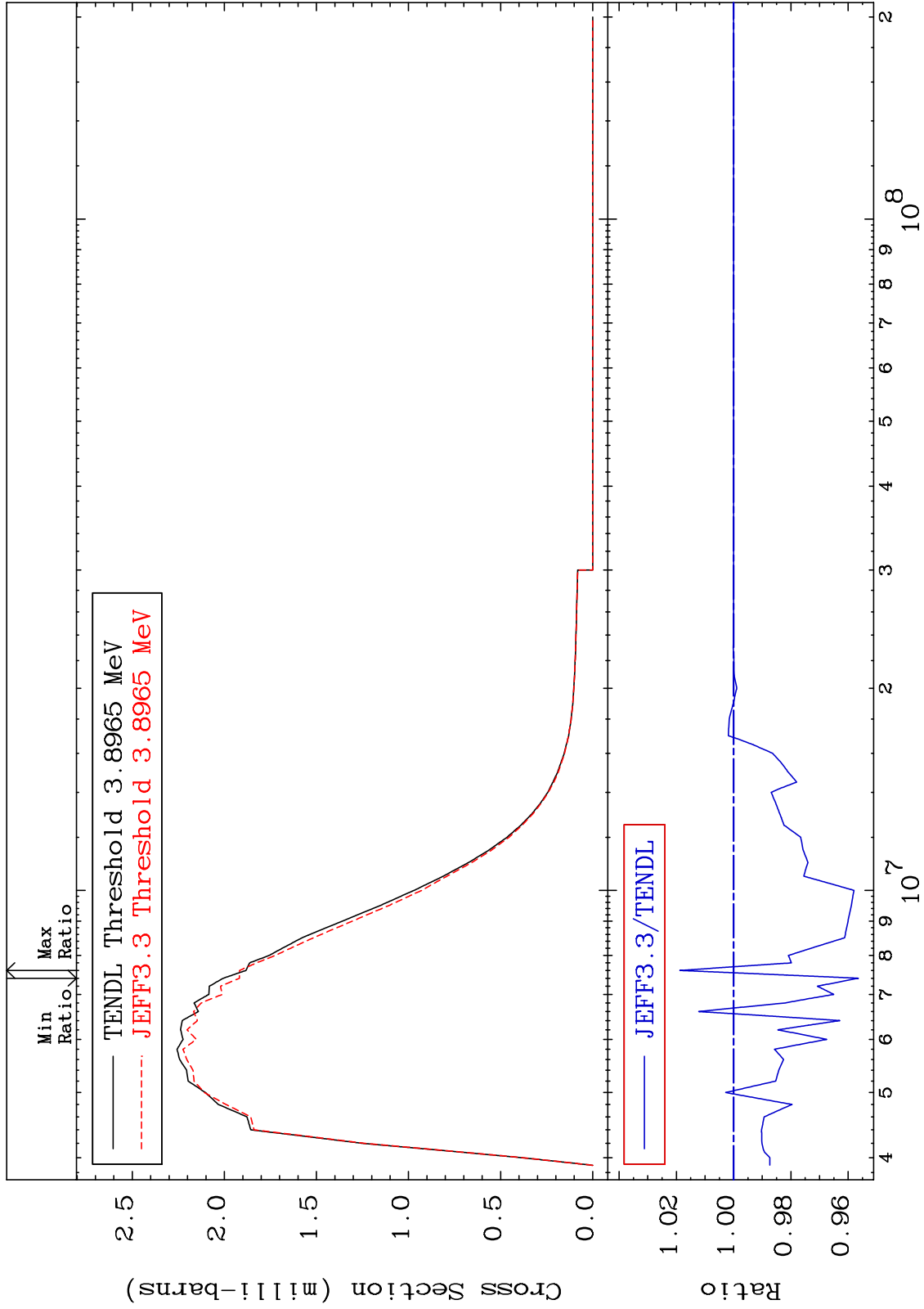
Incident Energy (eV)

13-Al-26

MAT 1322

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

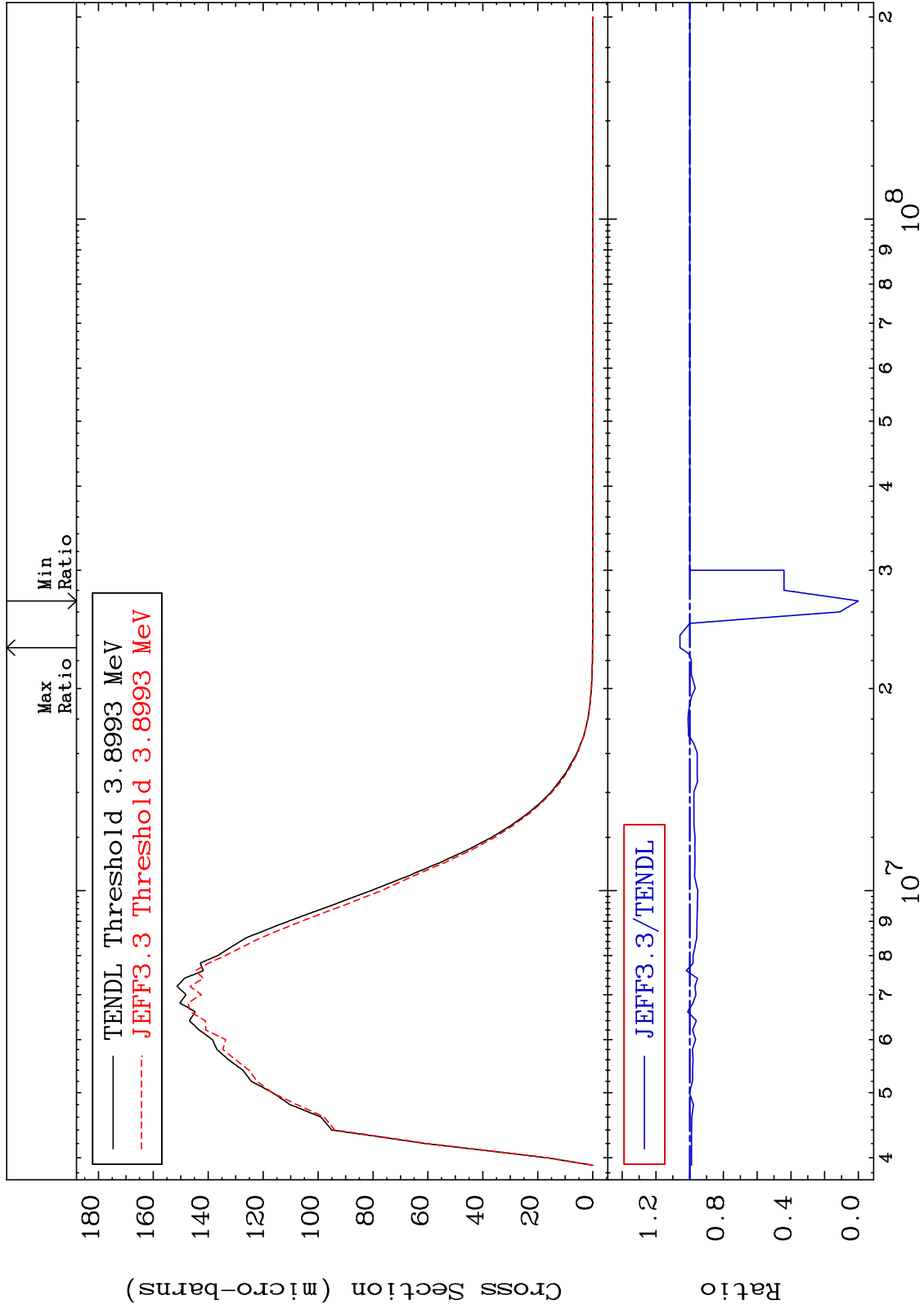
13-Al-26
-4.358 To 1.873 %



MAT 1322

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

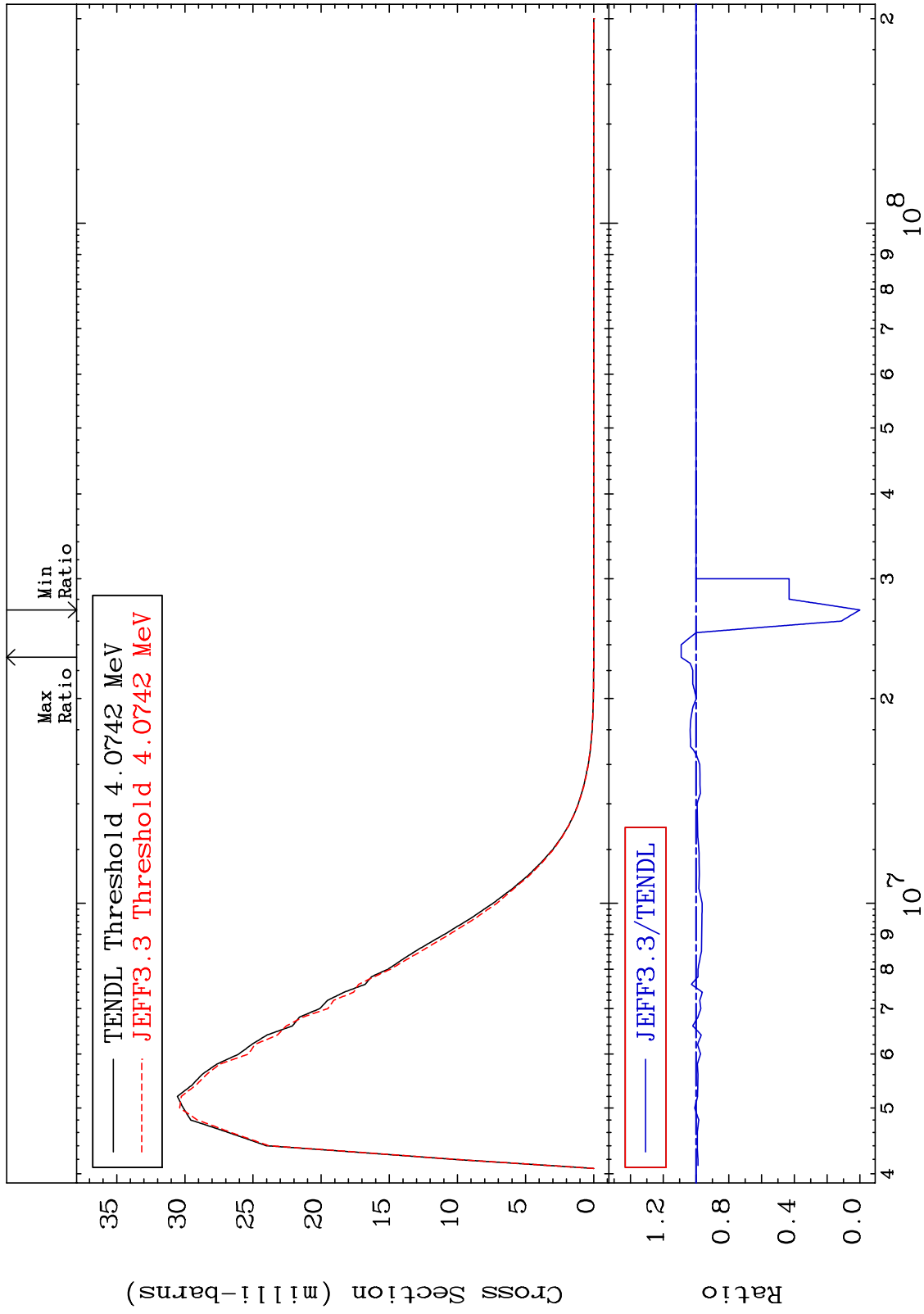
13-Al-26
-100.0 To 5.725 %



MAT 1322

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

13-Al-26
-100.0 To 9.043 %



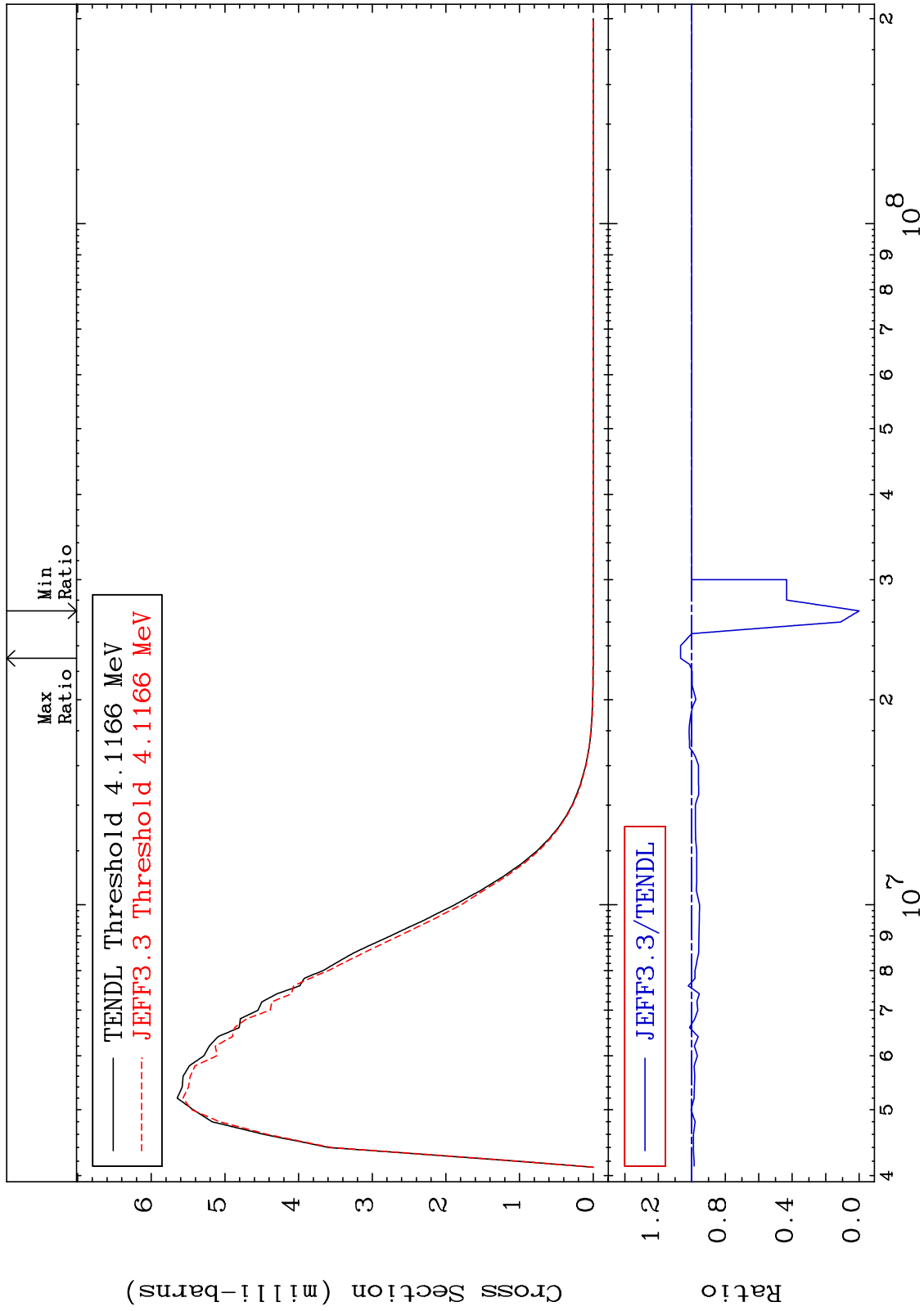
38

13-Al-26

MAT 1322

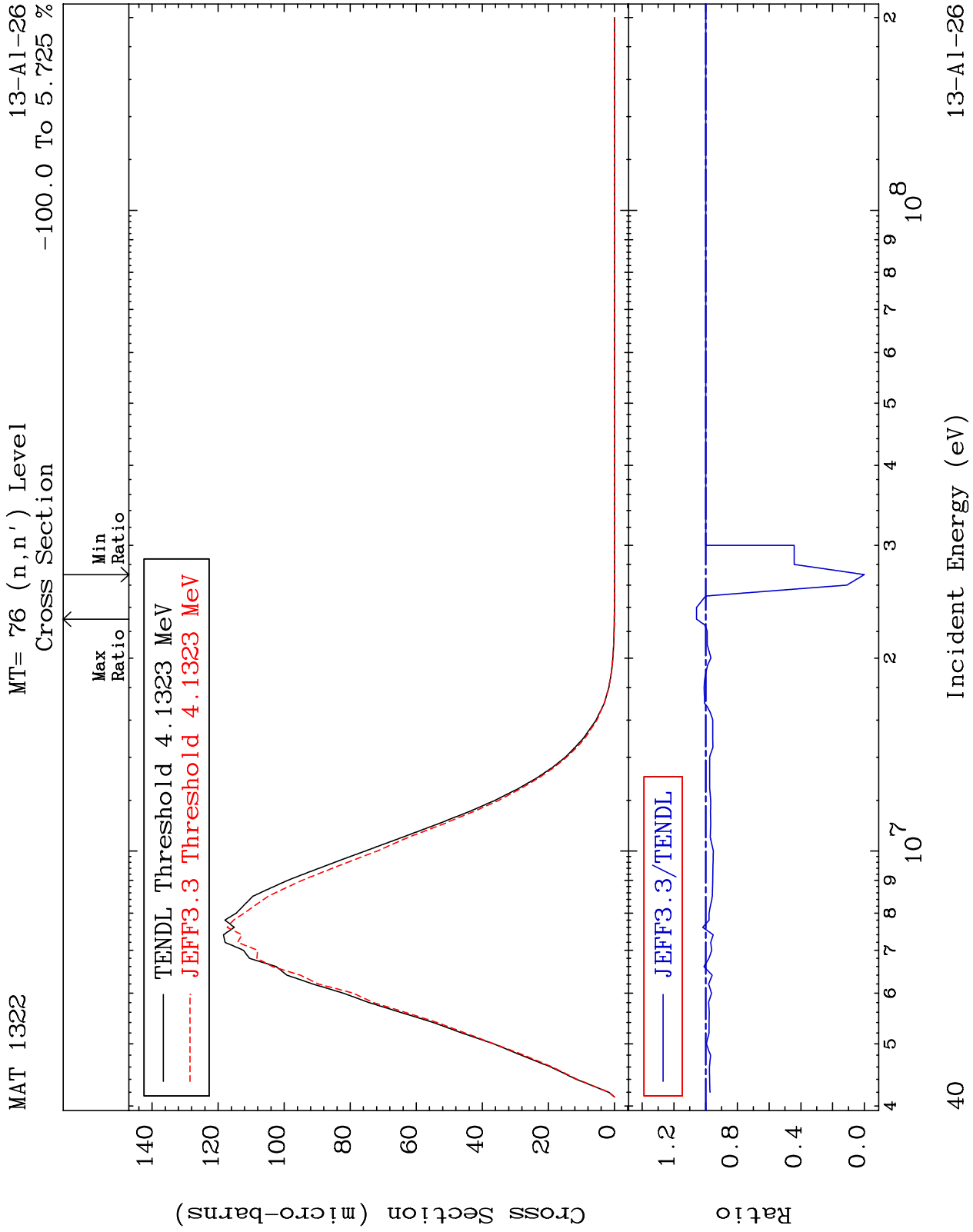
MT= 75 (n, n') Level
Cross Section

13-Al-26
-100.0 To 6.666 %



39

13-Al-26



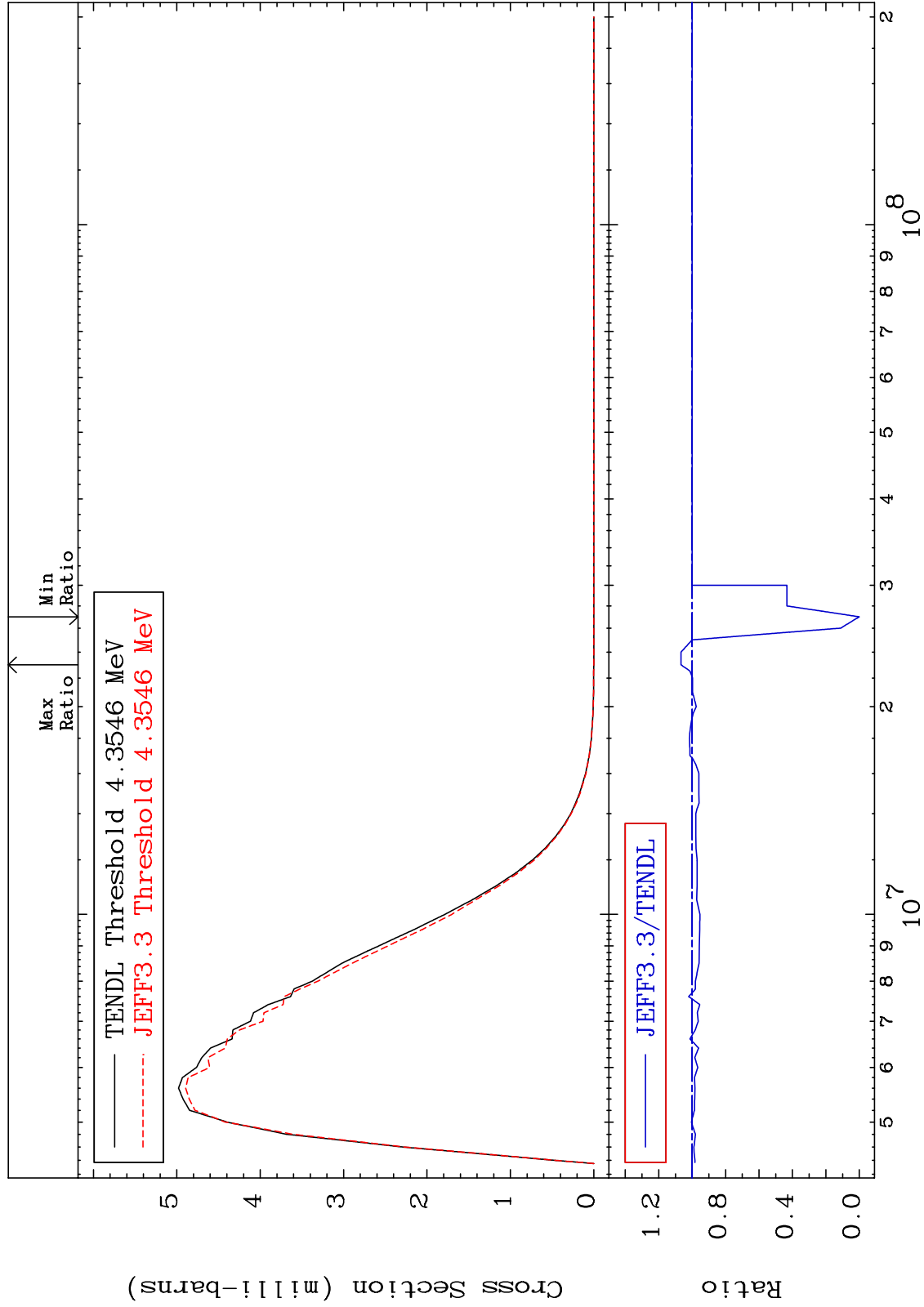
MAT 1322

MT= 77 (n, n') Level

13-Al-26

-100.0 To 6.642 %

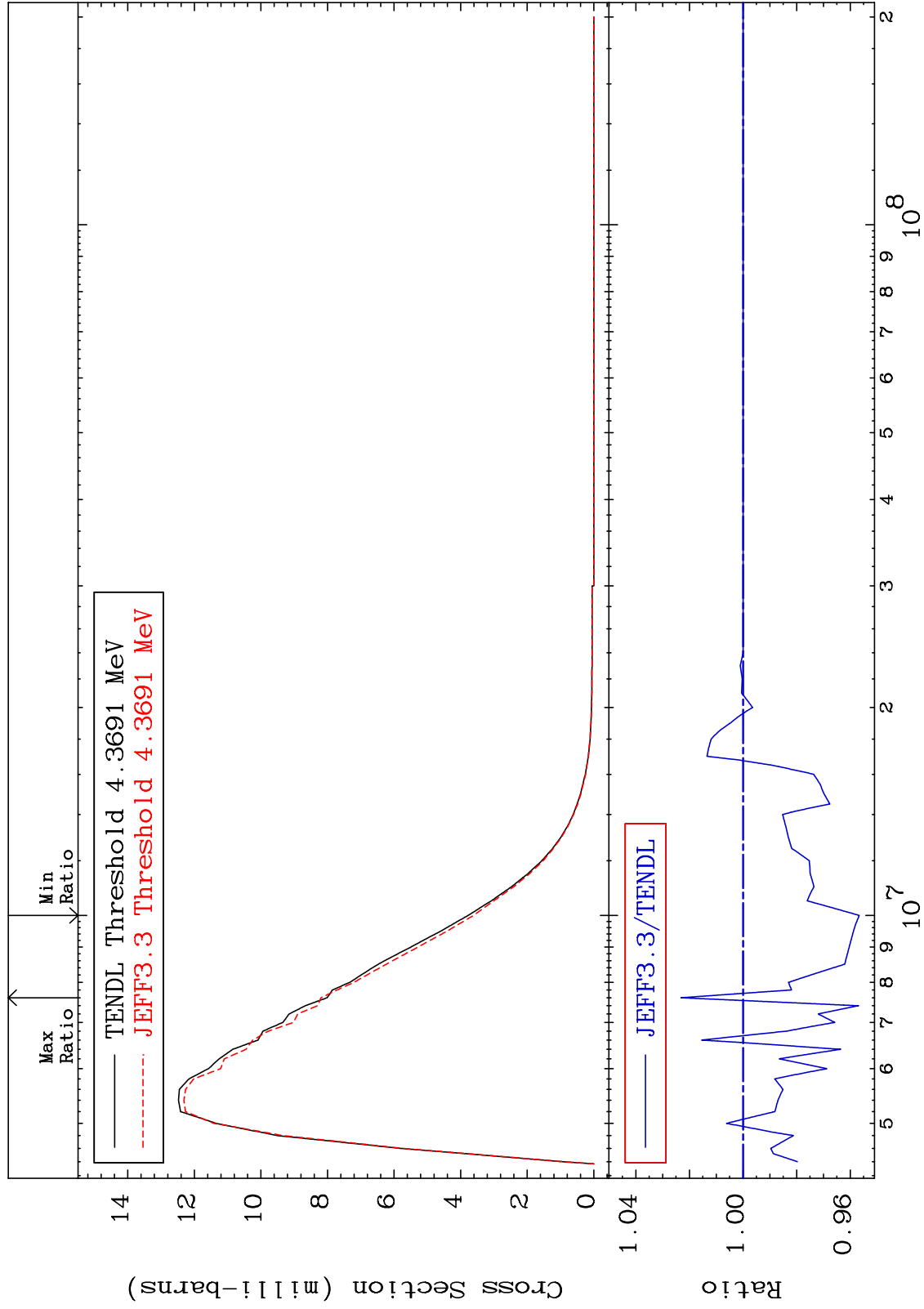
Cross Section



MAT 1322

MT= 78 (n,n') Level
Cross Section

13-Al-26
-4.338 To 2.313 %



42

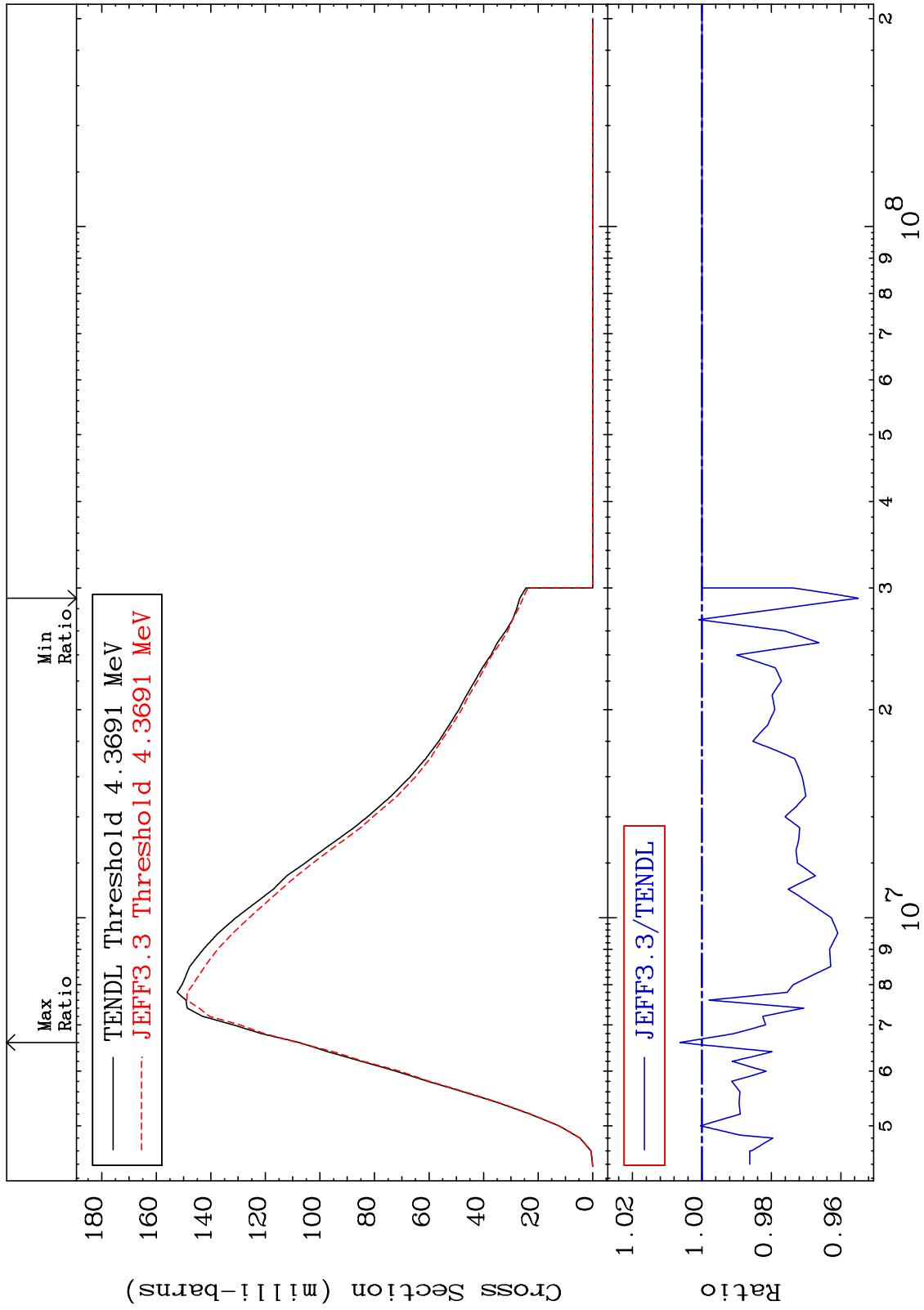
Incident Energy (eV)

13-Al-26

MAT 1322

(n, n') Continuum
Cross Section

13-Al-26
-4.506 To 0.631 %



43

Incident Energy (eV)

13-Al-26

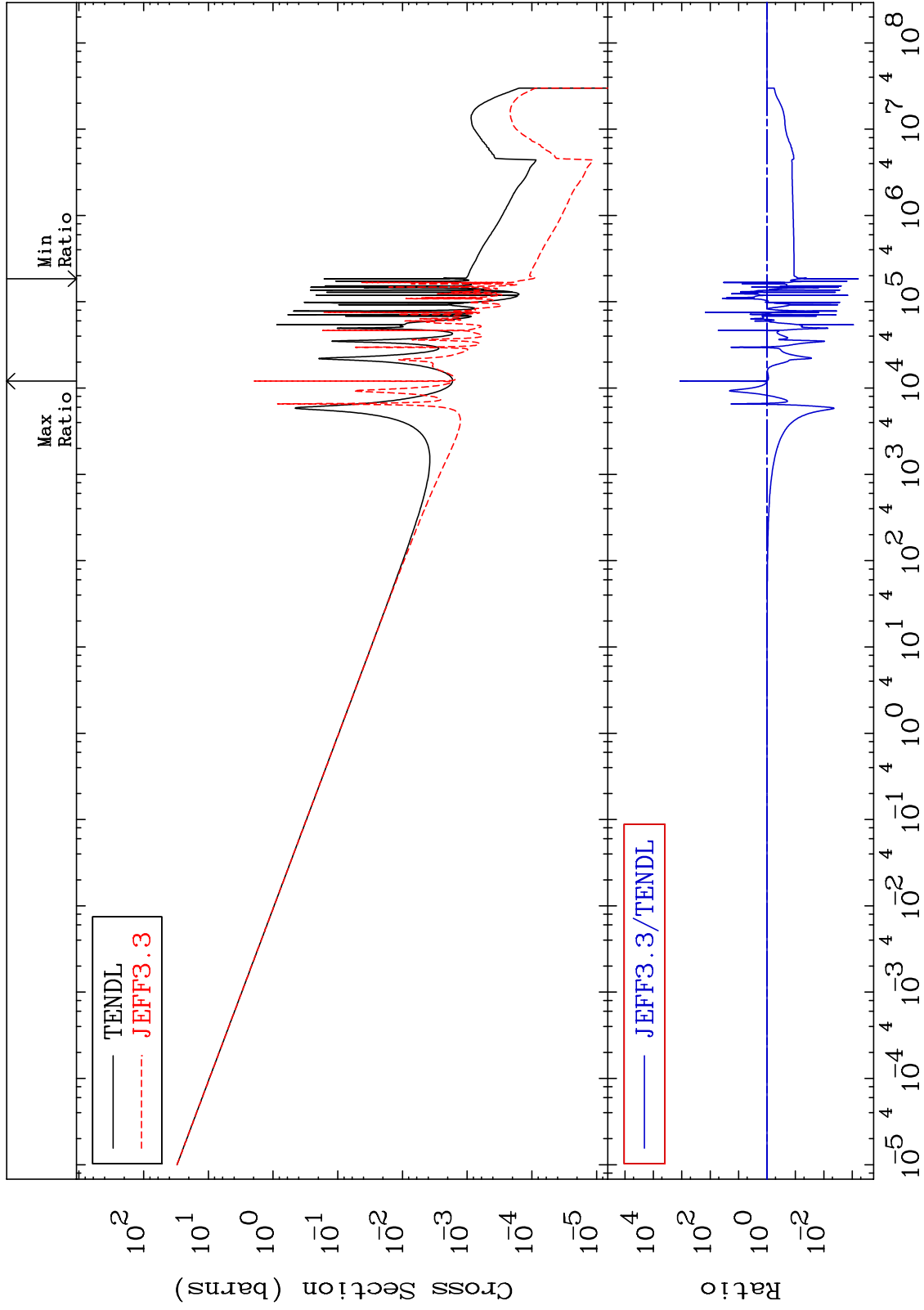
MAT 1322

(n, γ)

13-Al-26

Cross Section

-99.94 To 9999. %



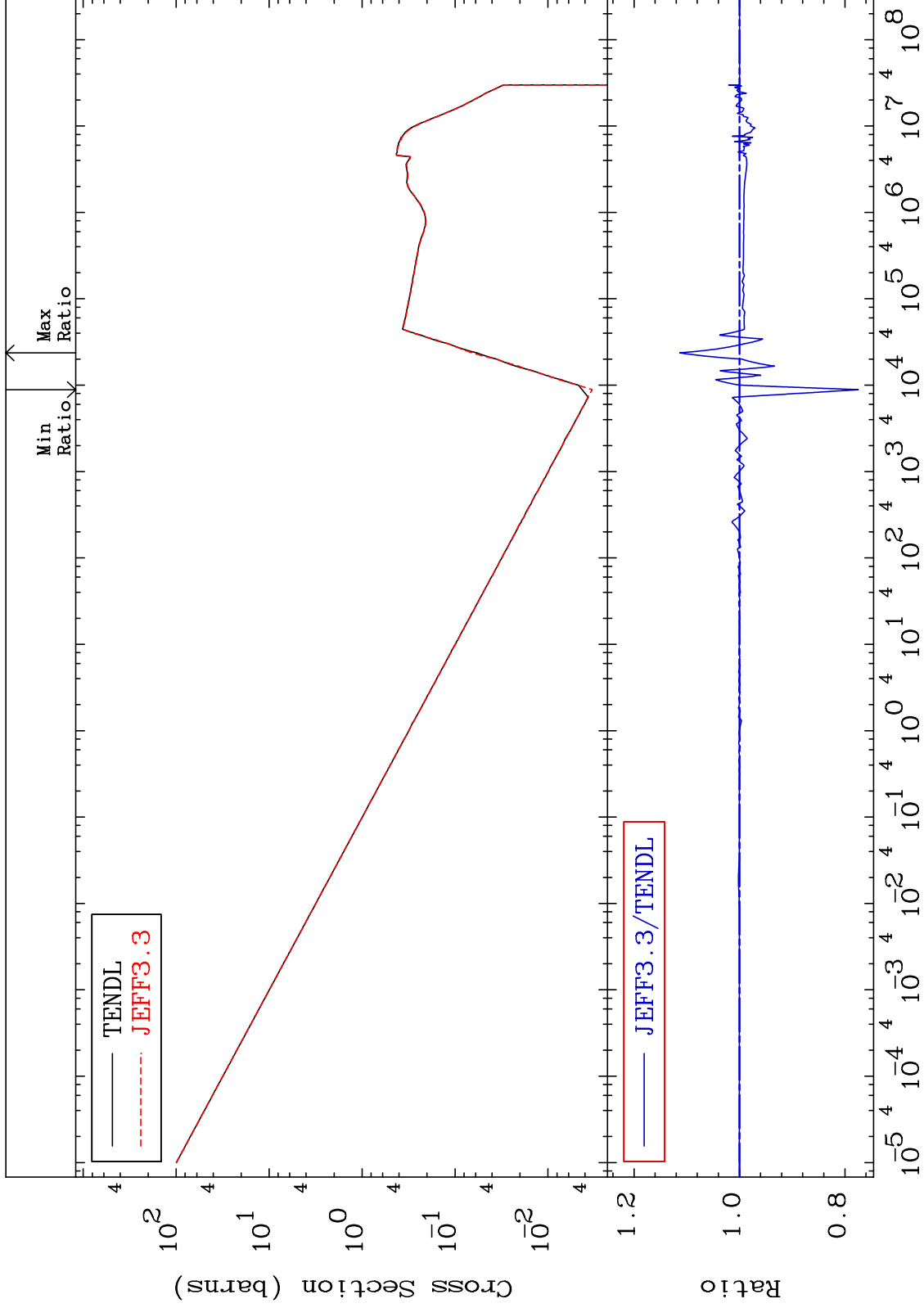
MAT 1322

(n,p)

13-Al-26

Cross Section

-22.55 To 11.31 %



45

Incident Energy (eV)

13-Al-26

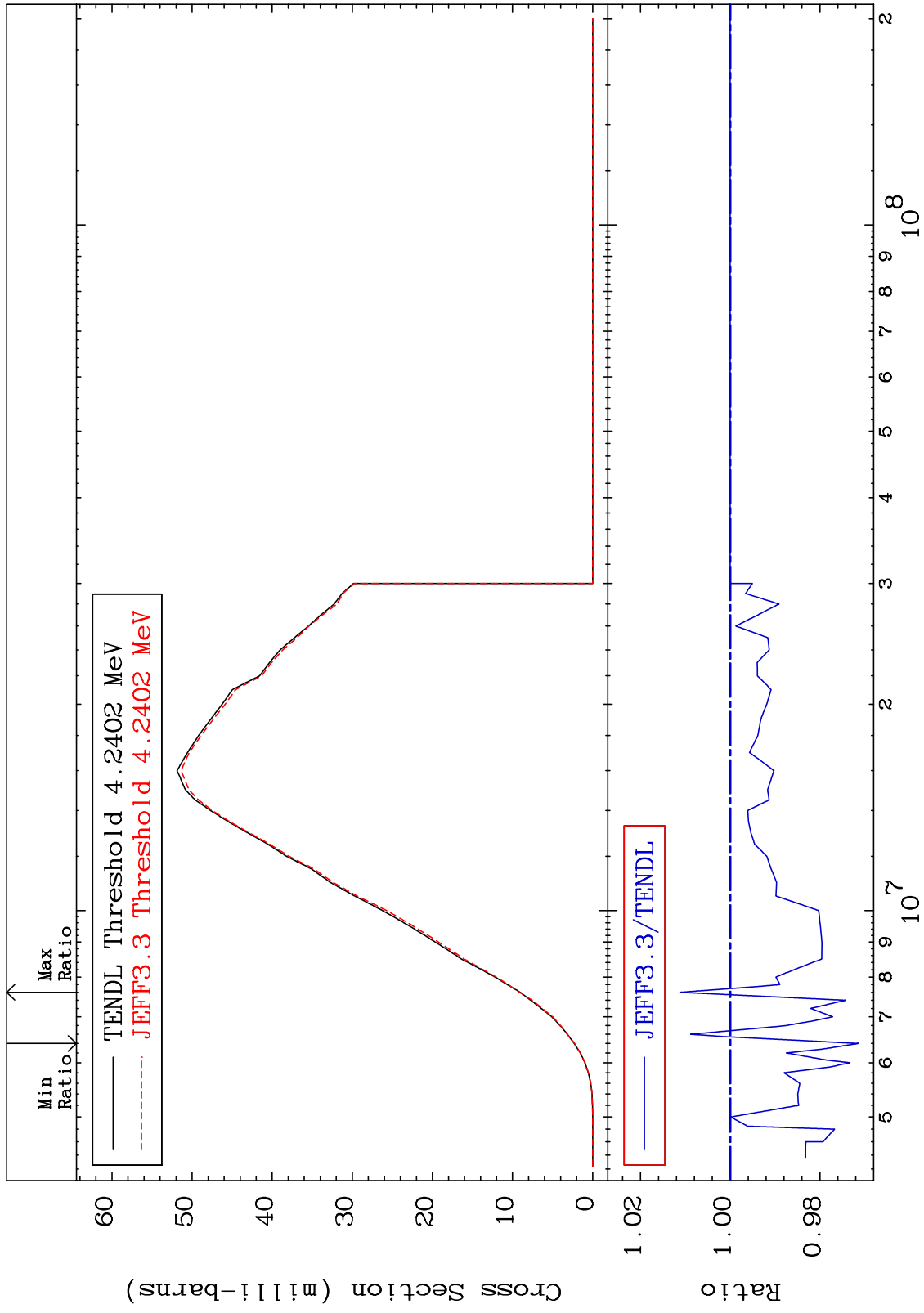
MAT 1322

(n, d)

13-Al-26

Cross Section

-2.860 To 1.120 %



46

13-Al-26

13-Al-26

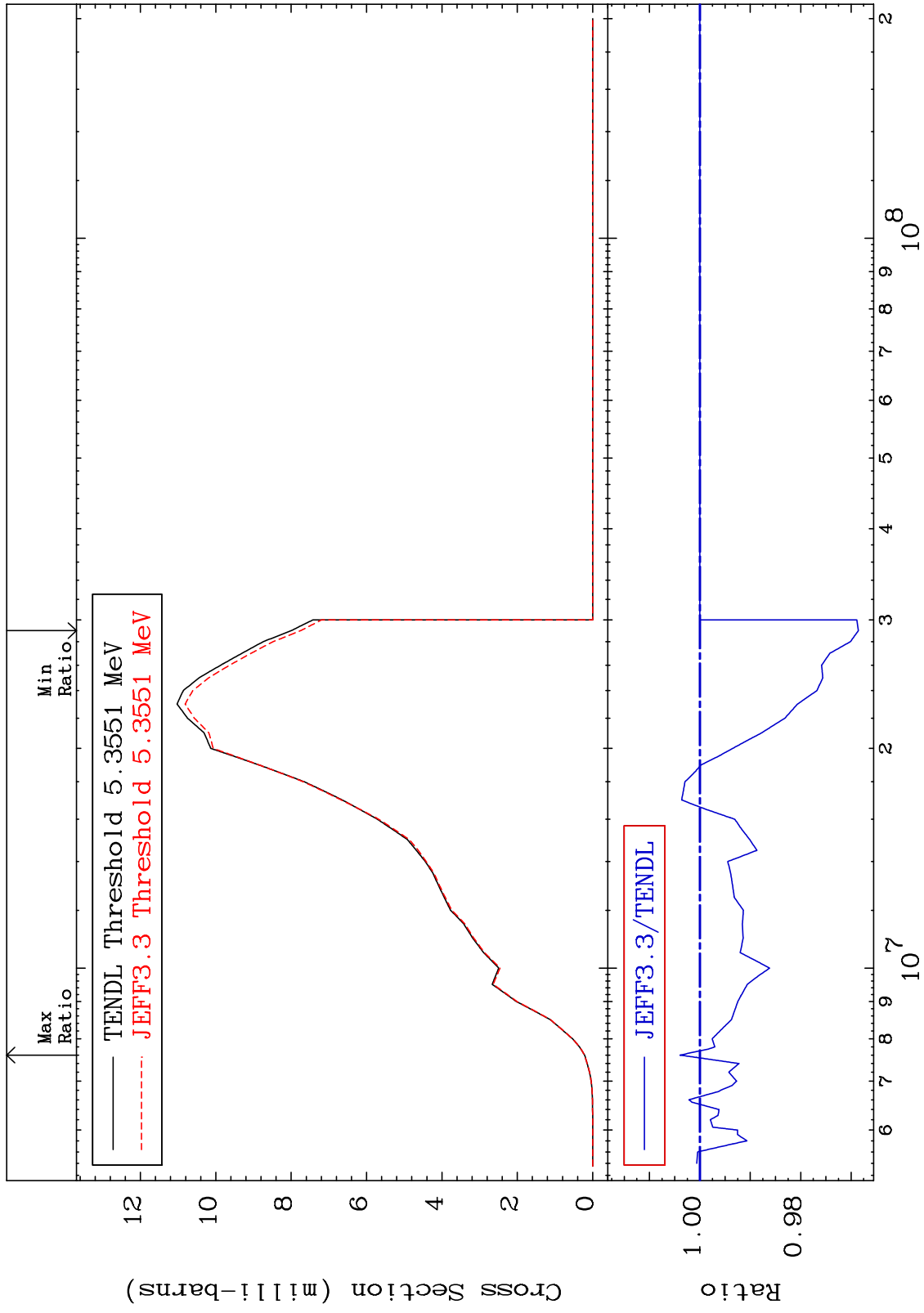
MAT 1322

(n, t)

13-Al-26

Cross Section

-3.145 To 0.394 %



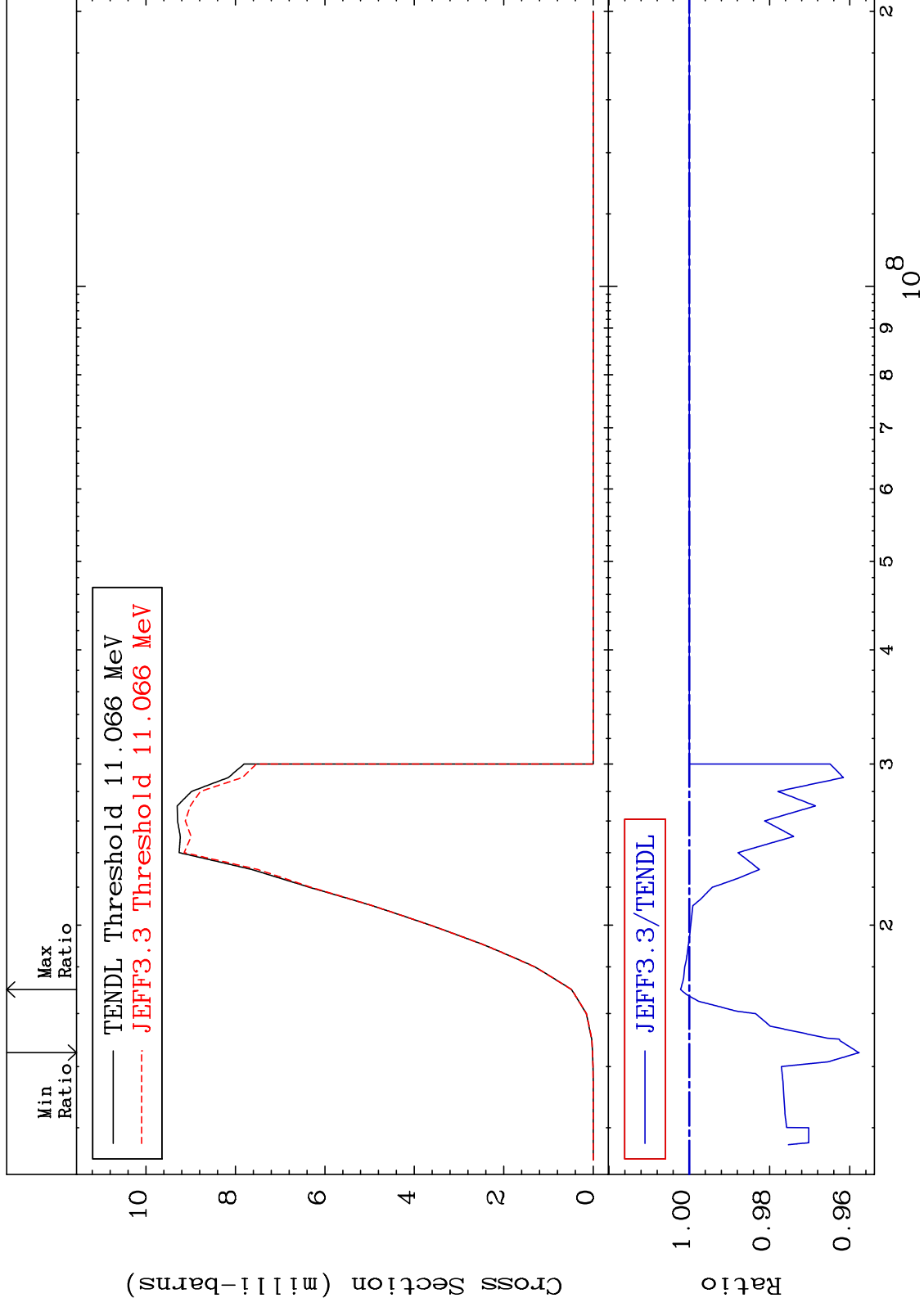
47

Incident Energy (eV)

13-Al-26

Cross Section

-4.233 To 0.214 %



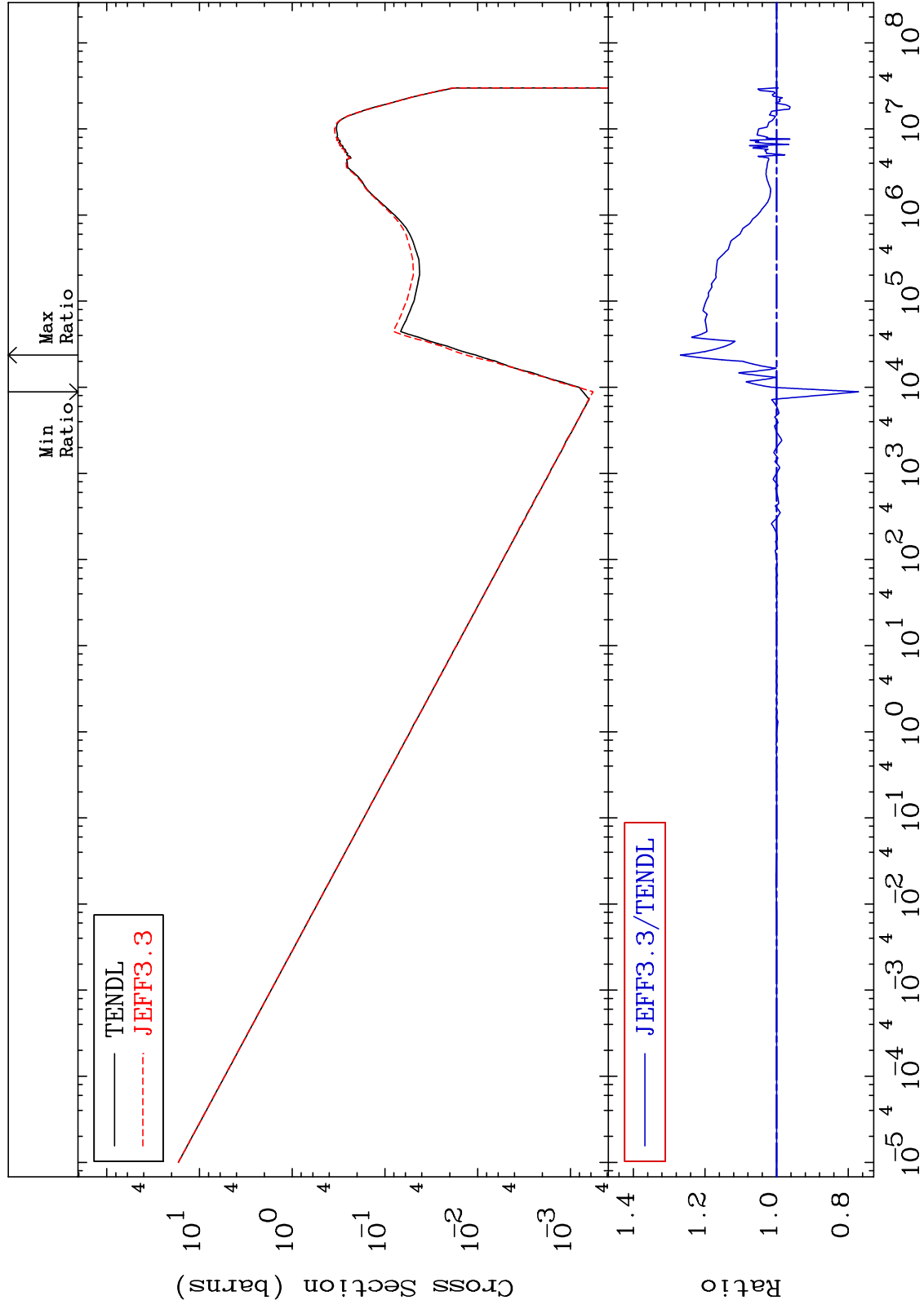
MAT 1322

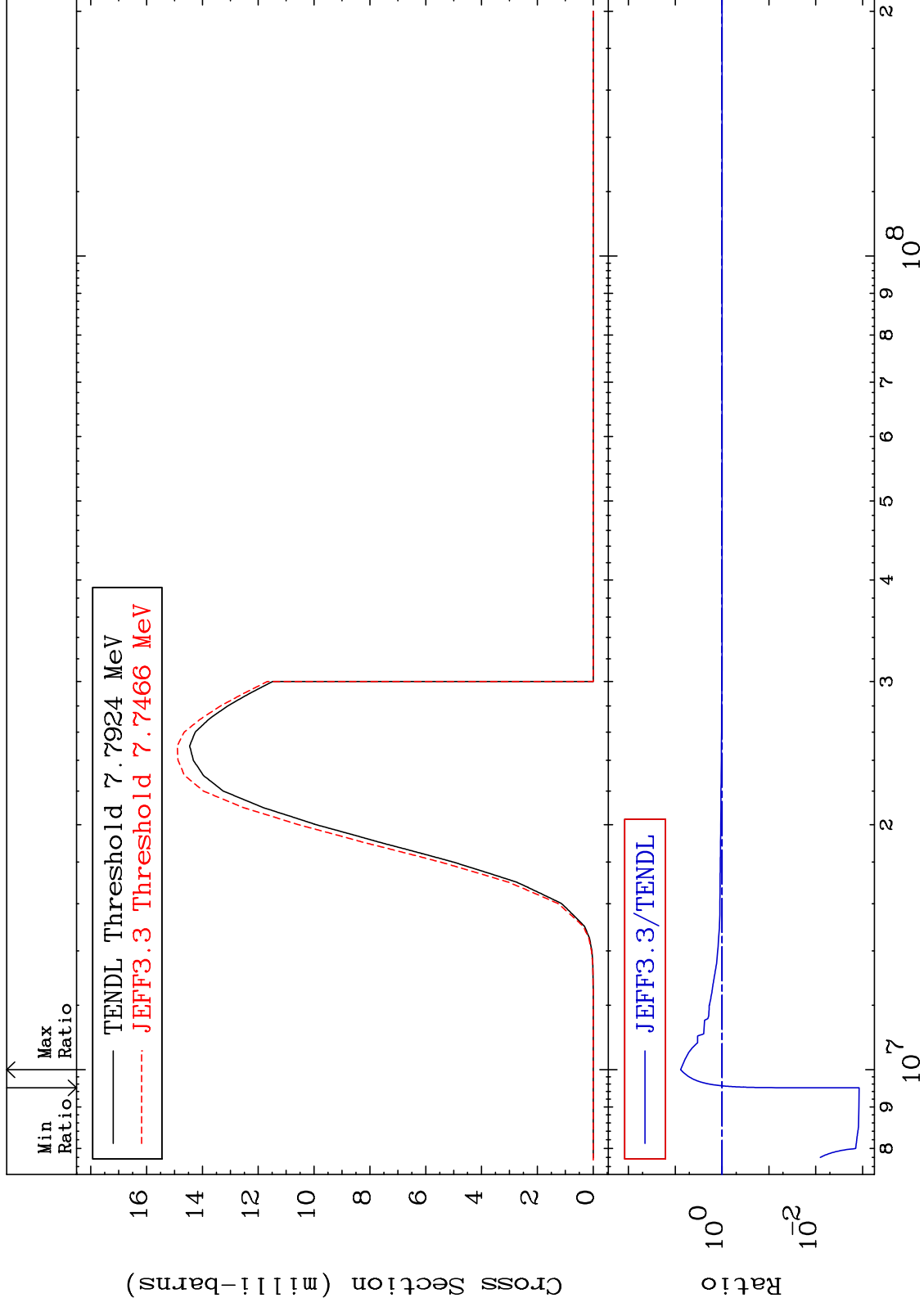
(n, α)

13-Al-26

Cross Section

-22.86 To 26.84 %





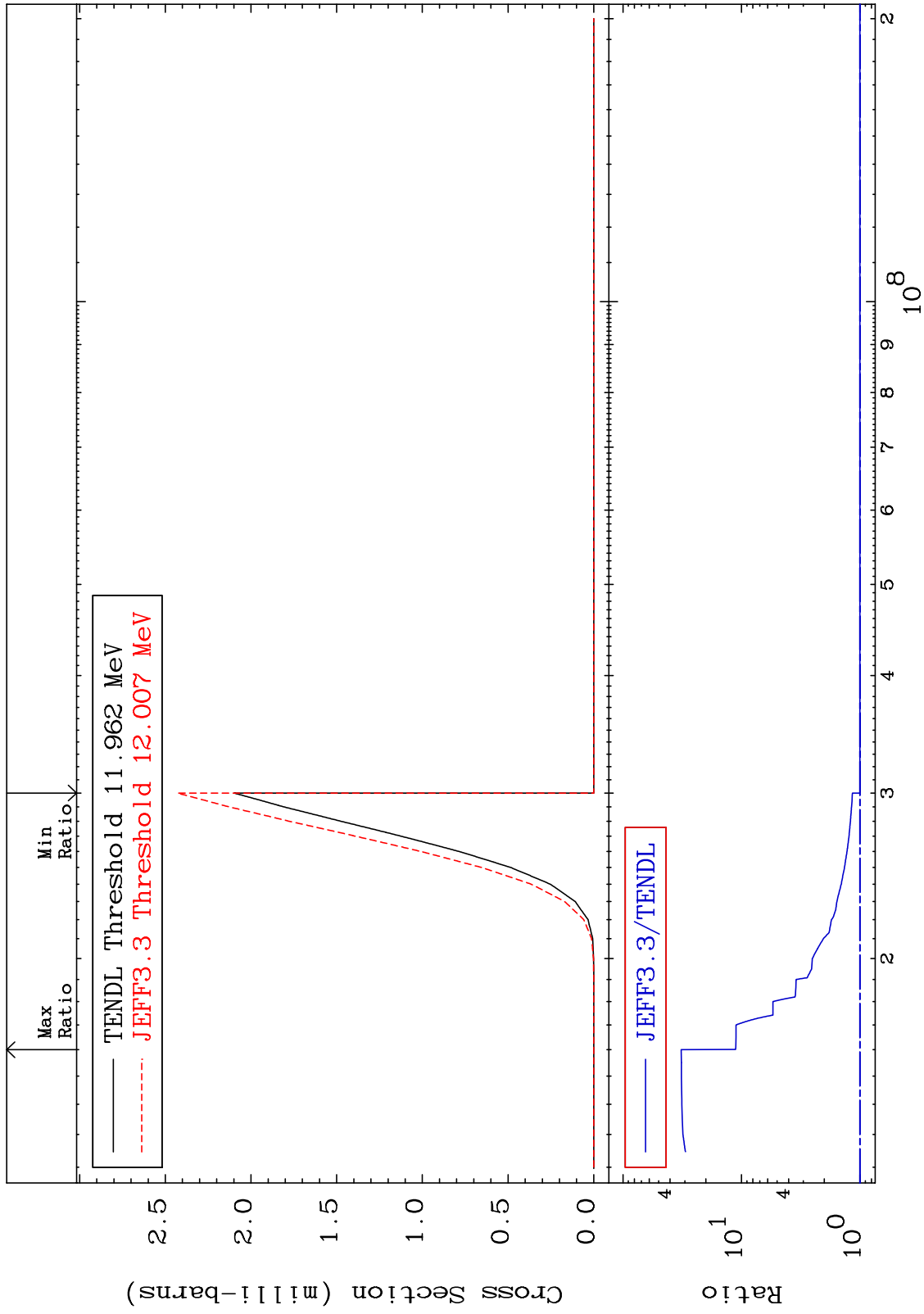
MAT 1322

(n, 3α)

13-Al-26

Cross Section

0.000 To 3123. %



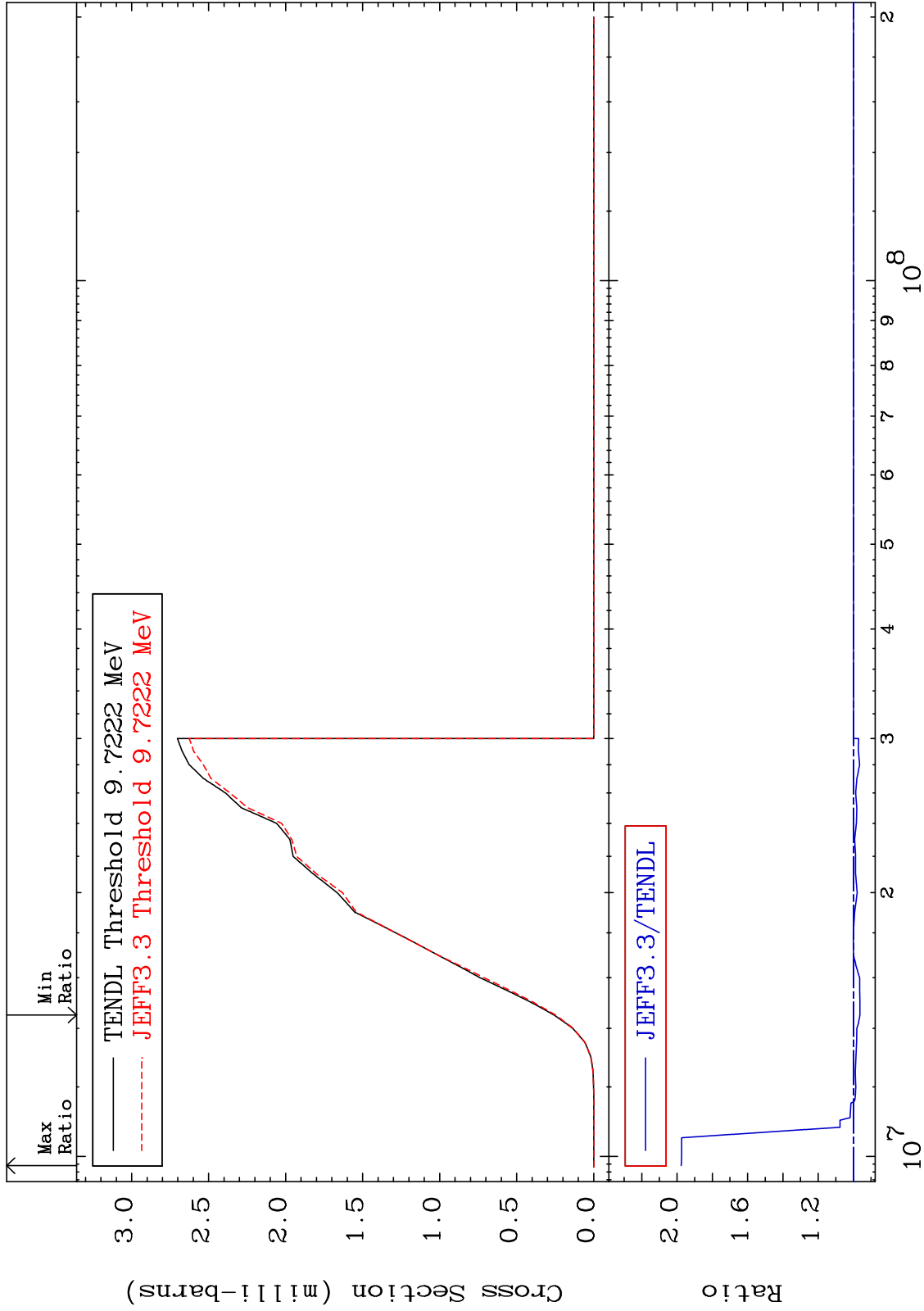
MAT 1322

(n,2p)

13-Al-26

Cross Section

-3.655 To 97.63 %



52

Incident Energy (eV)

13-Al-26

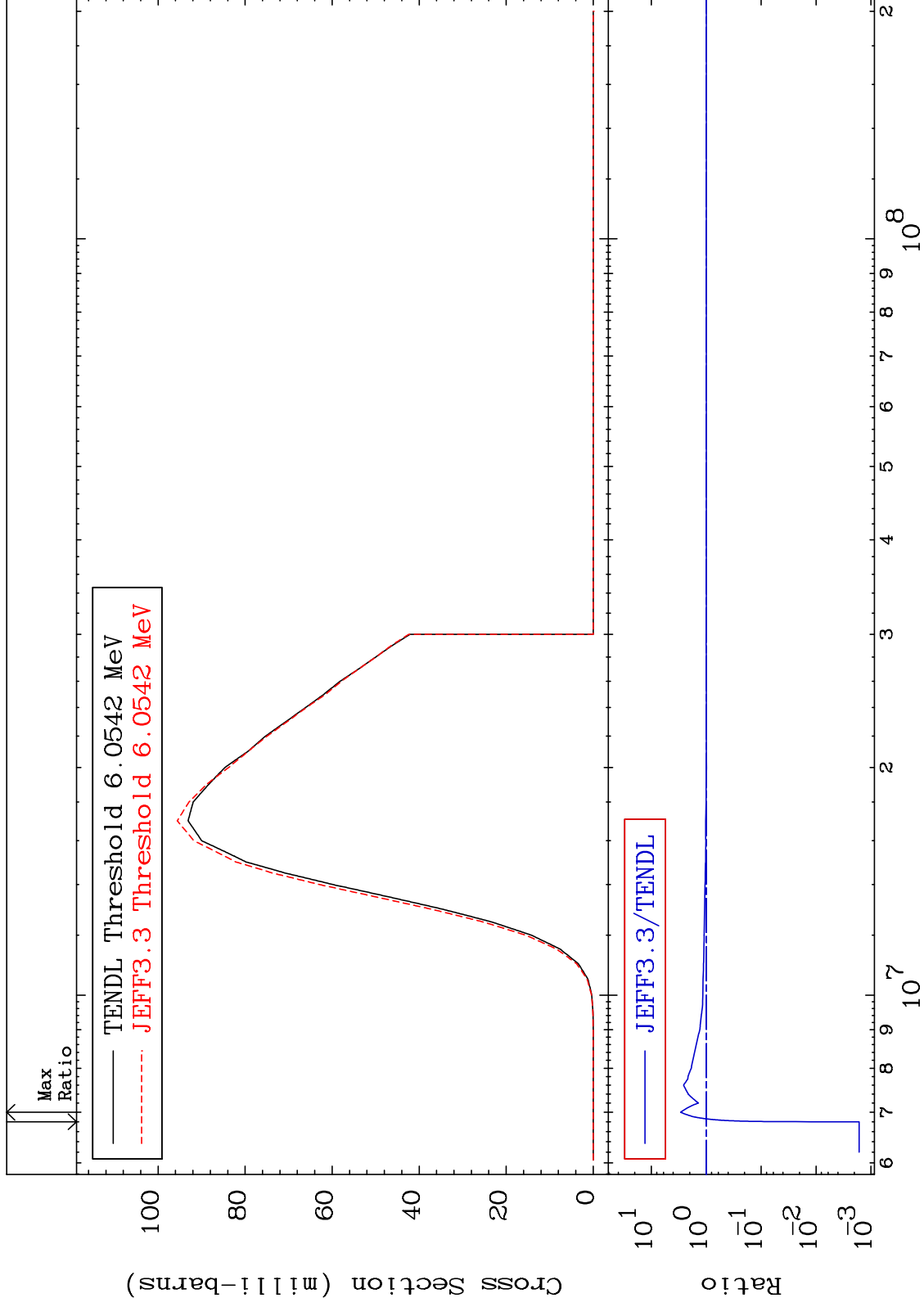
MAT 1322

(n,p) α

13-Al-26

Cross Section

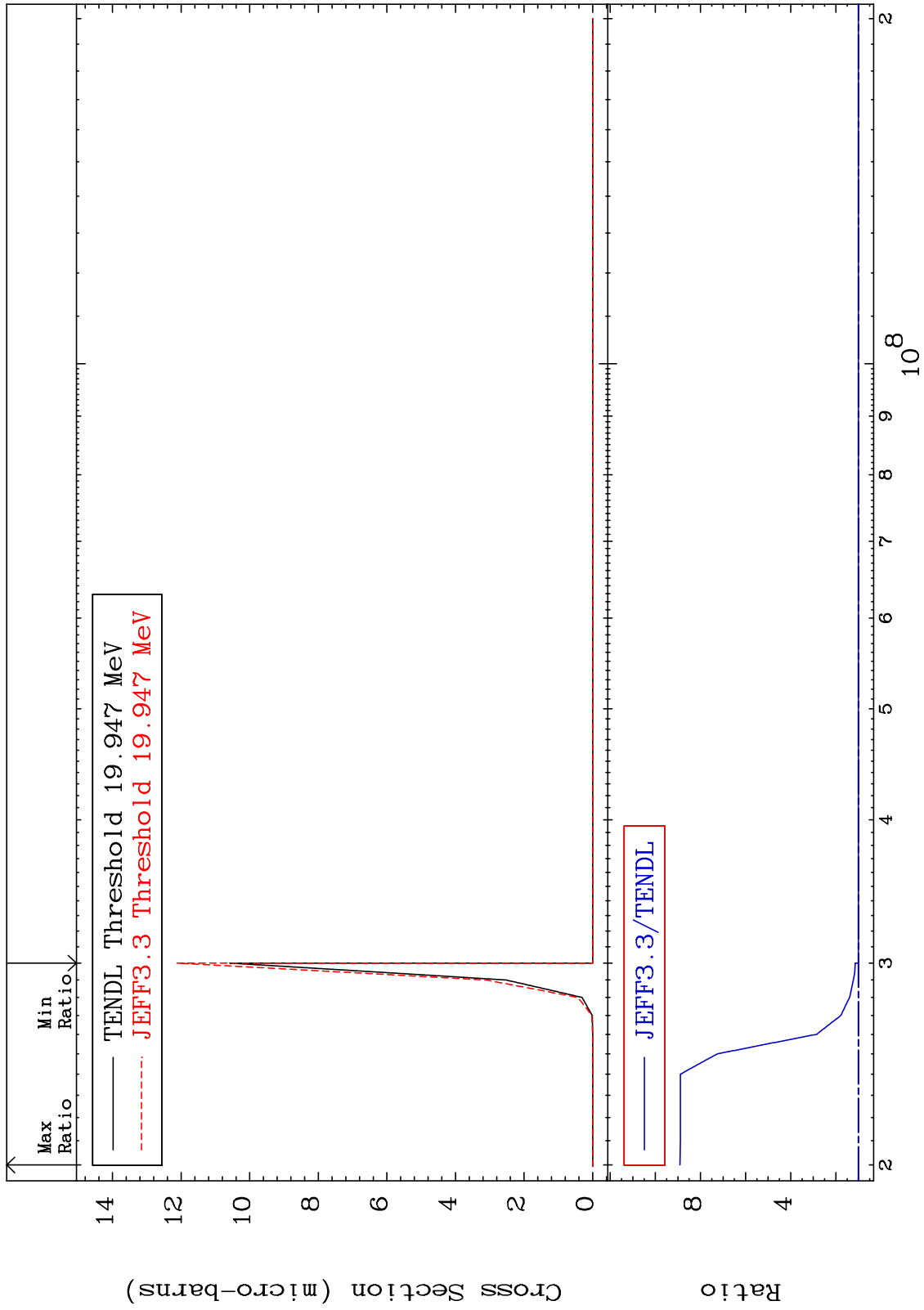
-99.84 To 192.9 %



53

13-Al-26

MAT 1322 (n, t) 2α 13-Al-26
 Cross Section 0.000 To 790.8 %



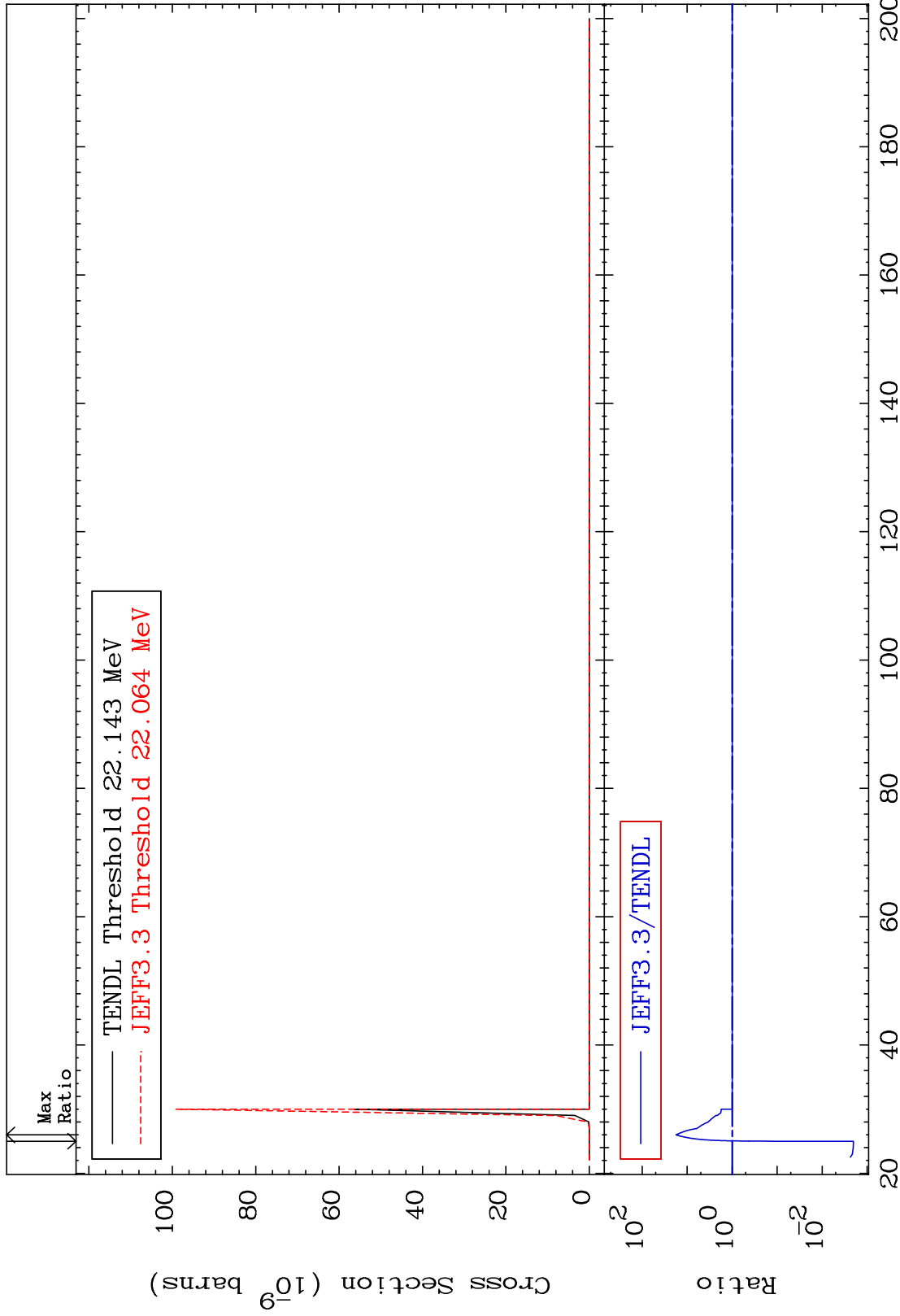
13-Al-26

Incident Energy (eV)

MAT 1322

(n, d) 2α
Cross Section

13-Al-26
-99.80 To 1665. %



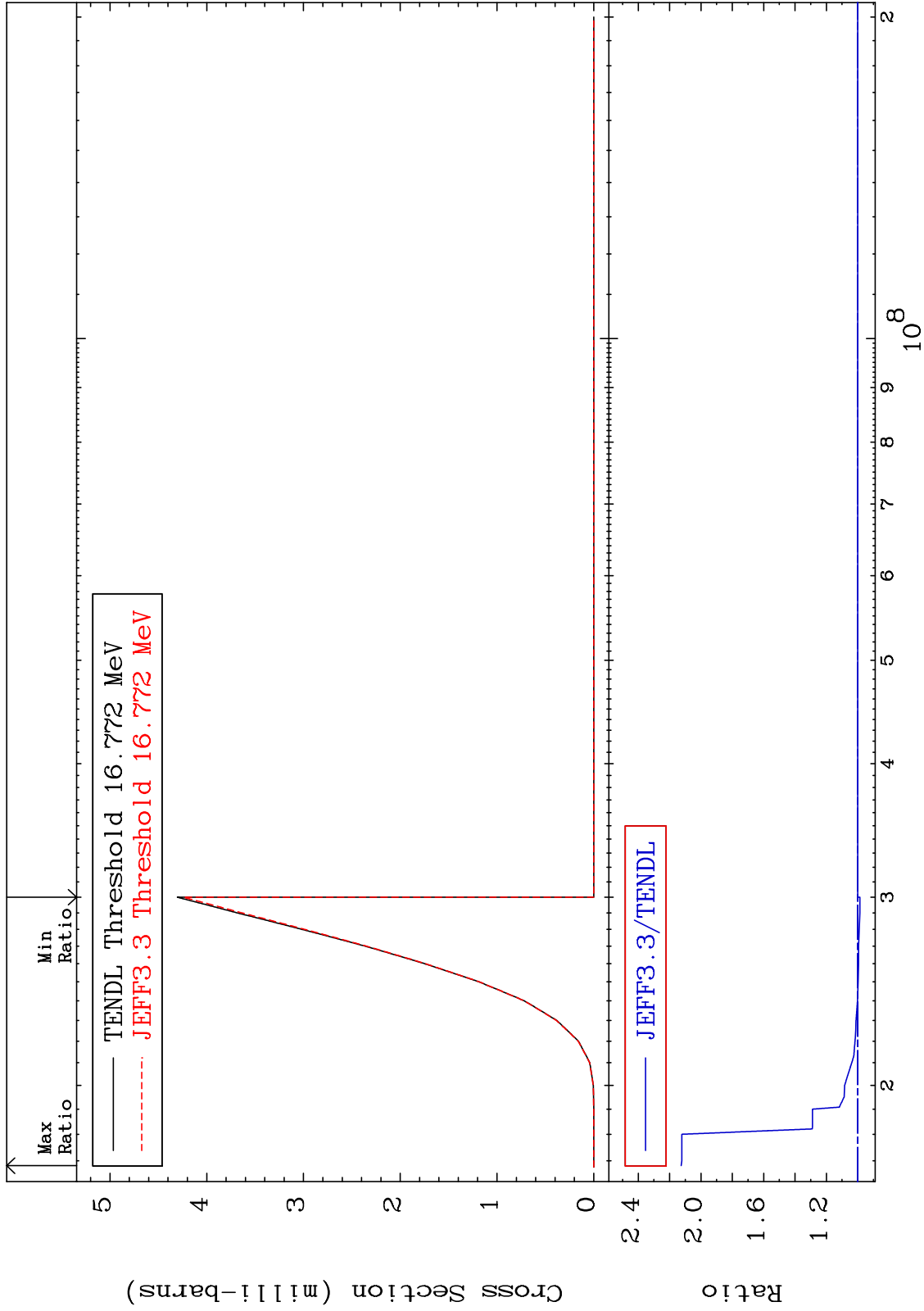
MAT 1322

(n,p) d

13-Al-26

Cross Section

-1.418 To 112.6 %



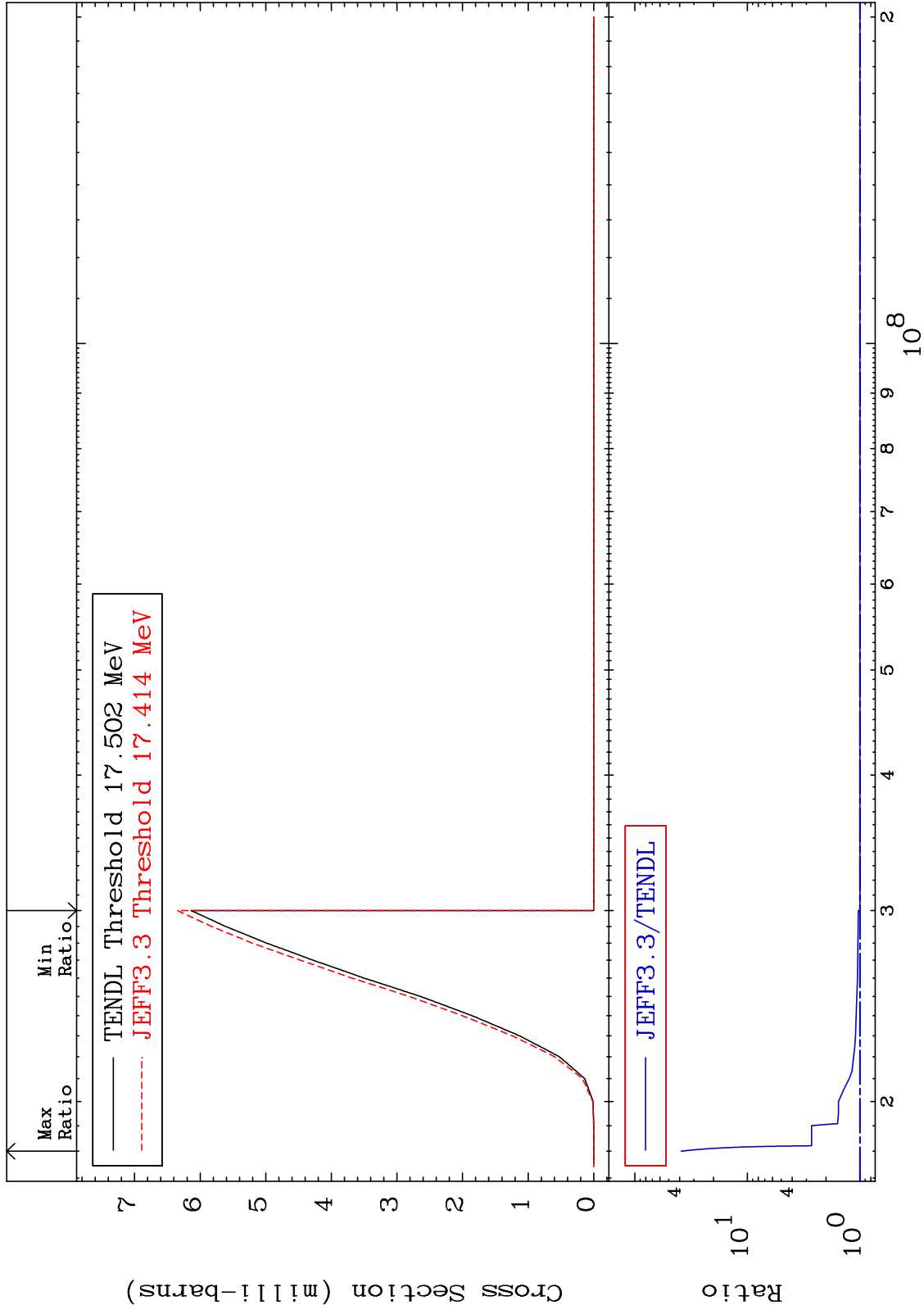
MAT 1322

(n,p) t

13-Al-26

Cross Section

0.000 To 3778. %



57

Incident Energy (eV)

13-Al-26

MAT 1322

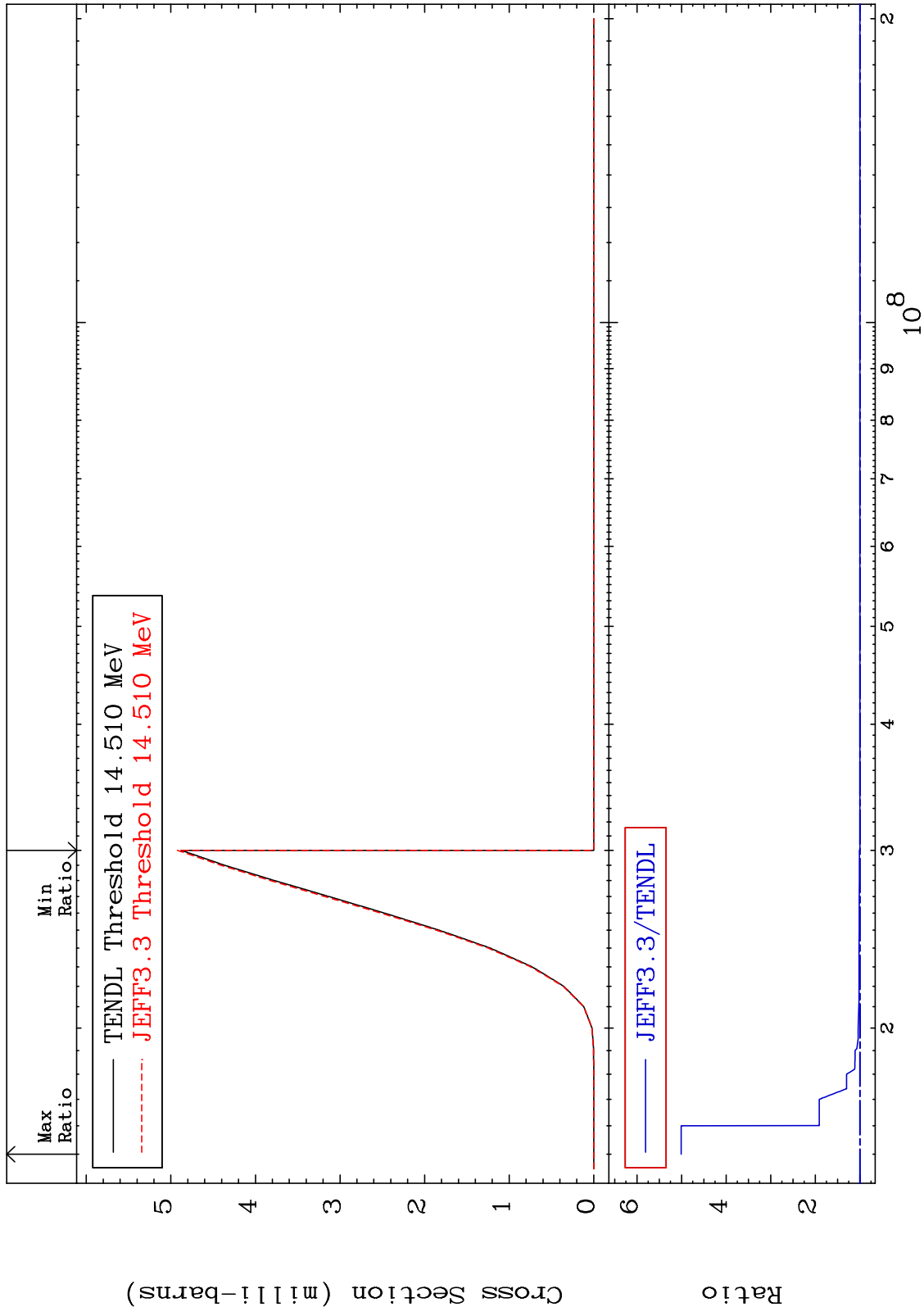
(n,d) α

13-Al-26

Cross Section

0.000

To 400.7 %



58

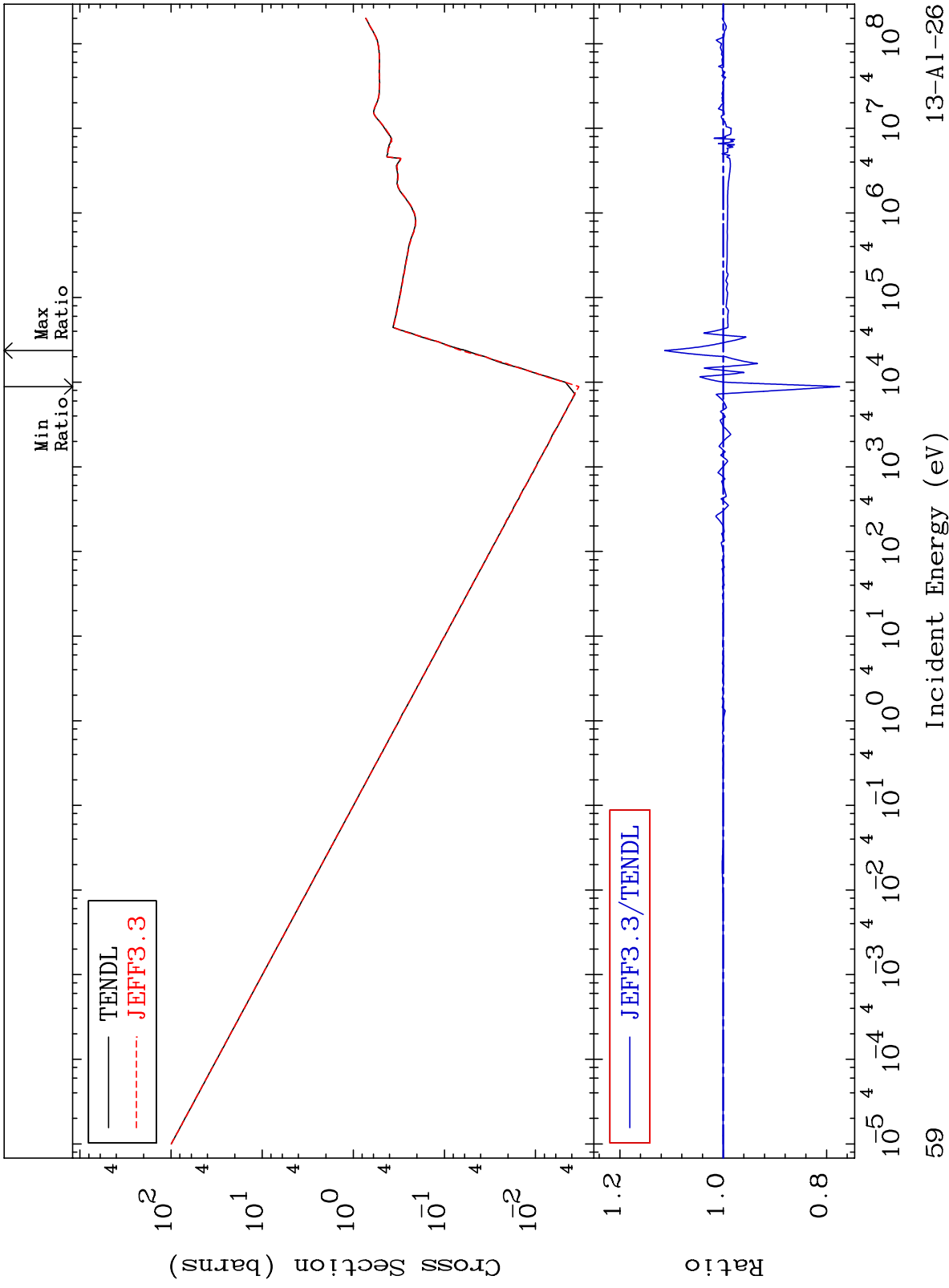
13-Al-26

13-Al-26

MAT 1322

Hydrogen Production
Cross Section

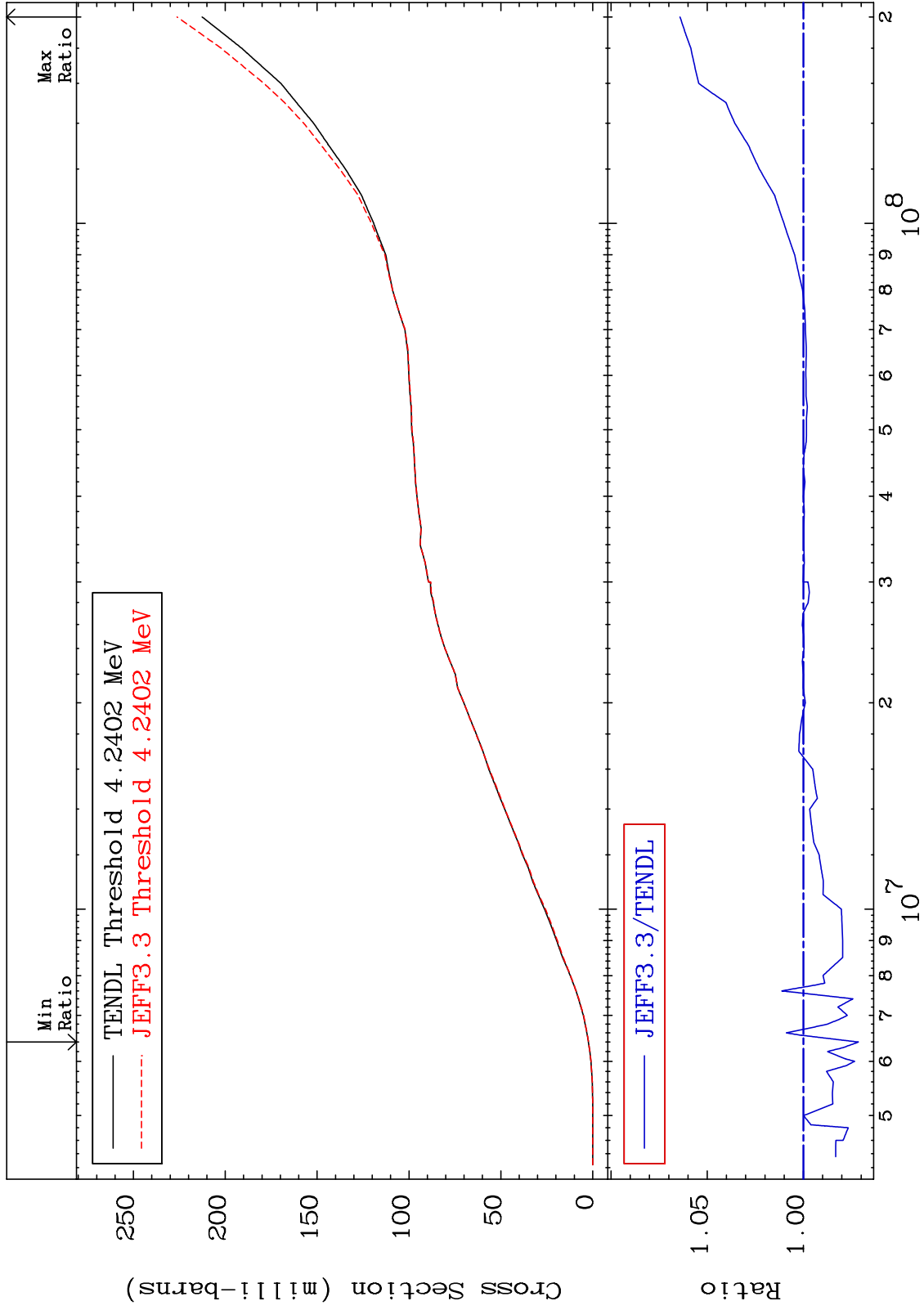
13-Al-26
-22.55 To 11.31 %



MAT 1322

Deuterium Production
Cross Section

13-Al-26
-2.860 To 6.413 %



60

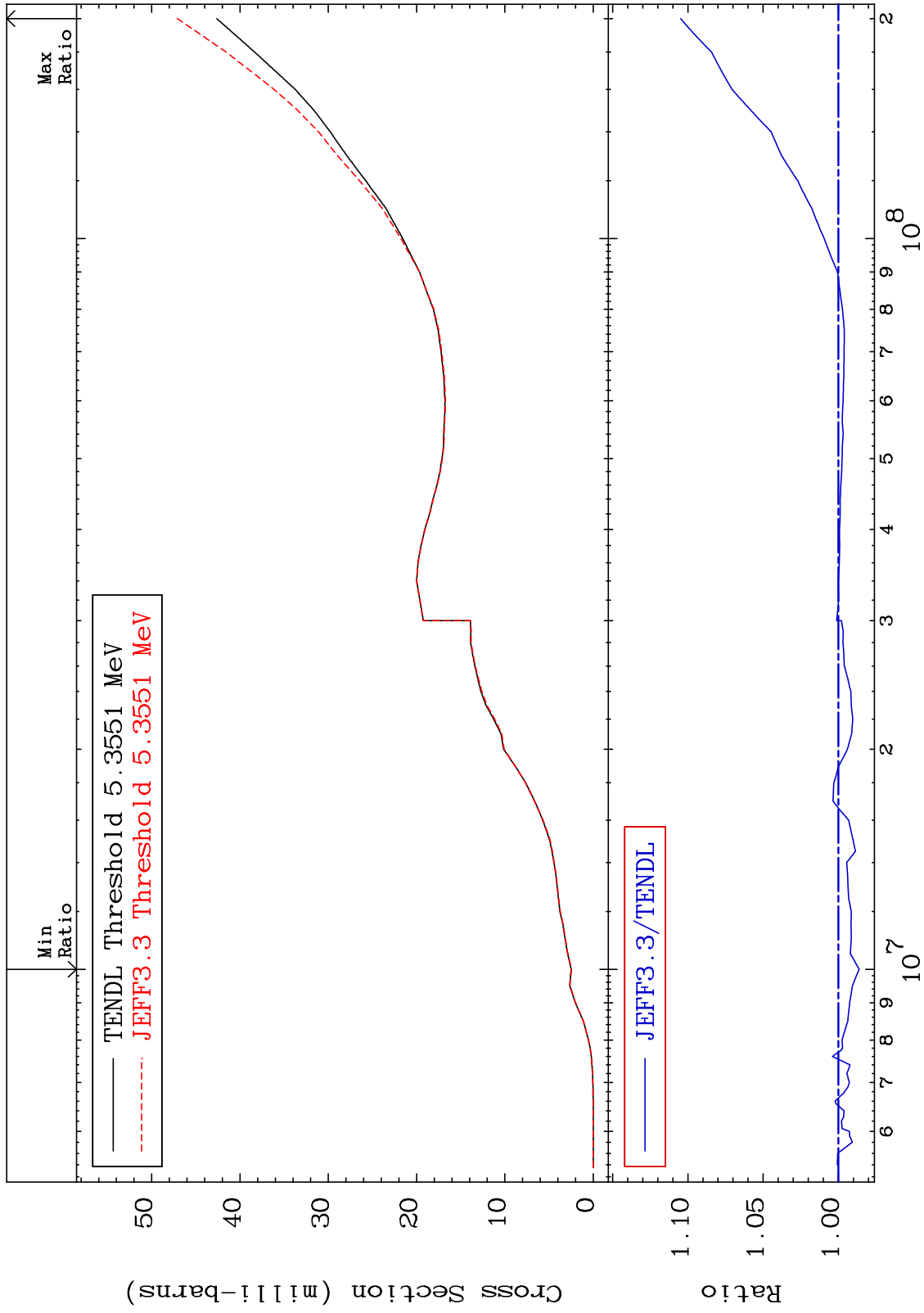
Incident Energy (eV)

13-Al-26

MAT 1322

Tritium Production
Cross Section

13-Al-26
-1.384 To 10.48 %



61

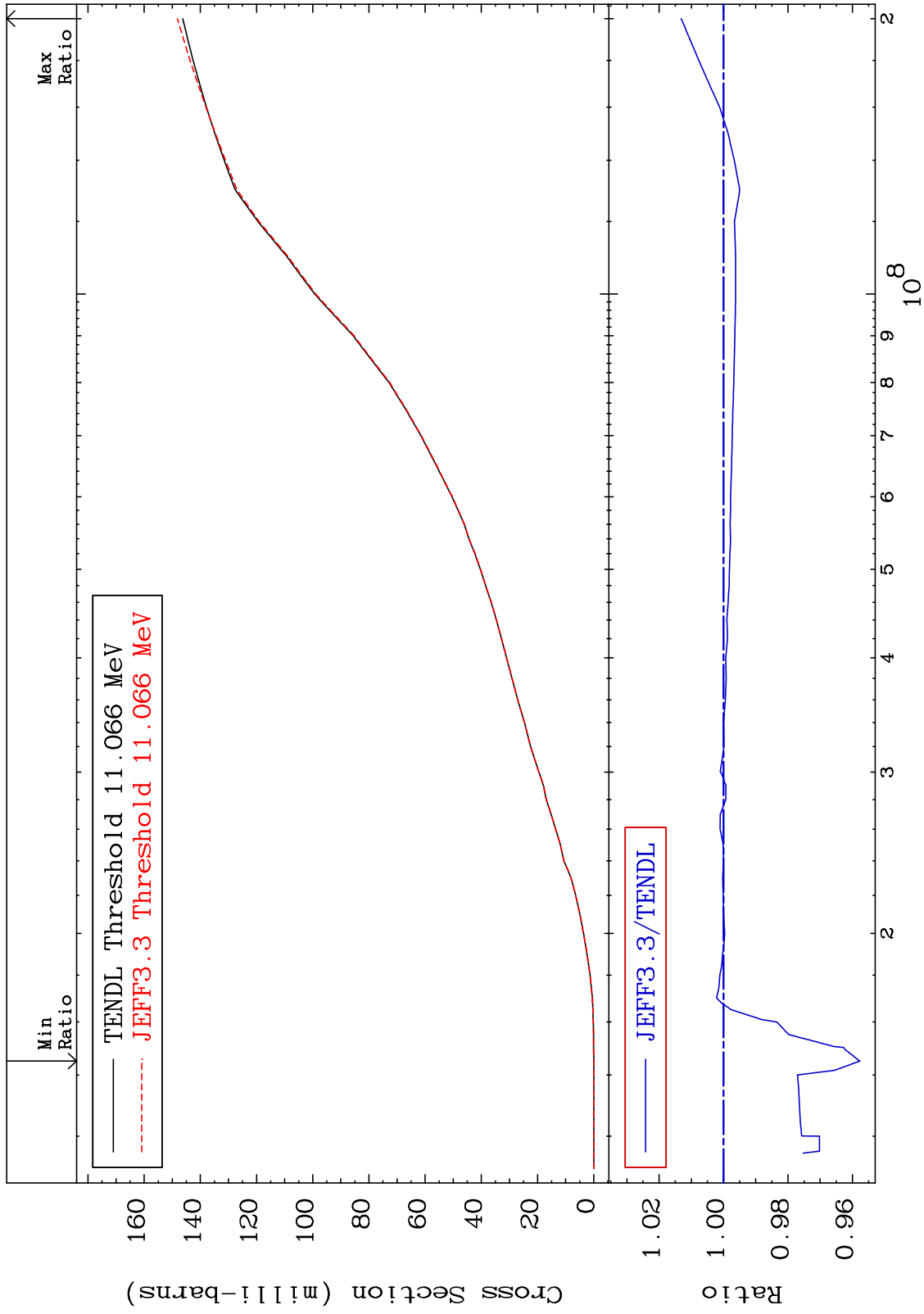
Incident Energy (eV)

13-Al-26

MAT 1322

He-3 Production
Cross Section

13-Al-26
-4.233 To 1.313 %



62

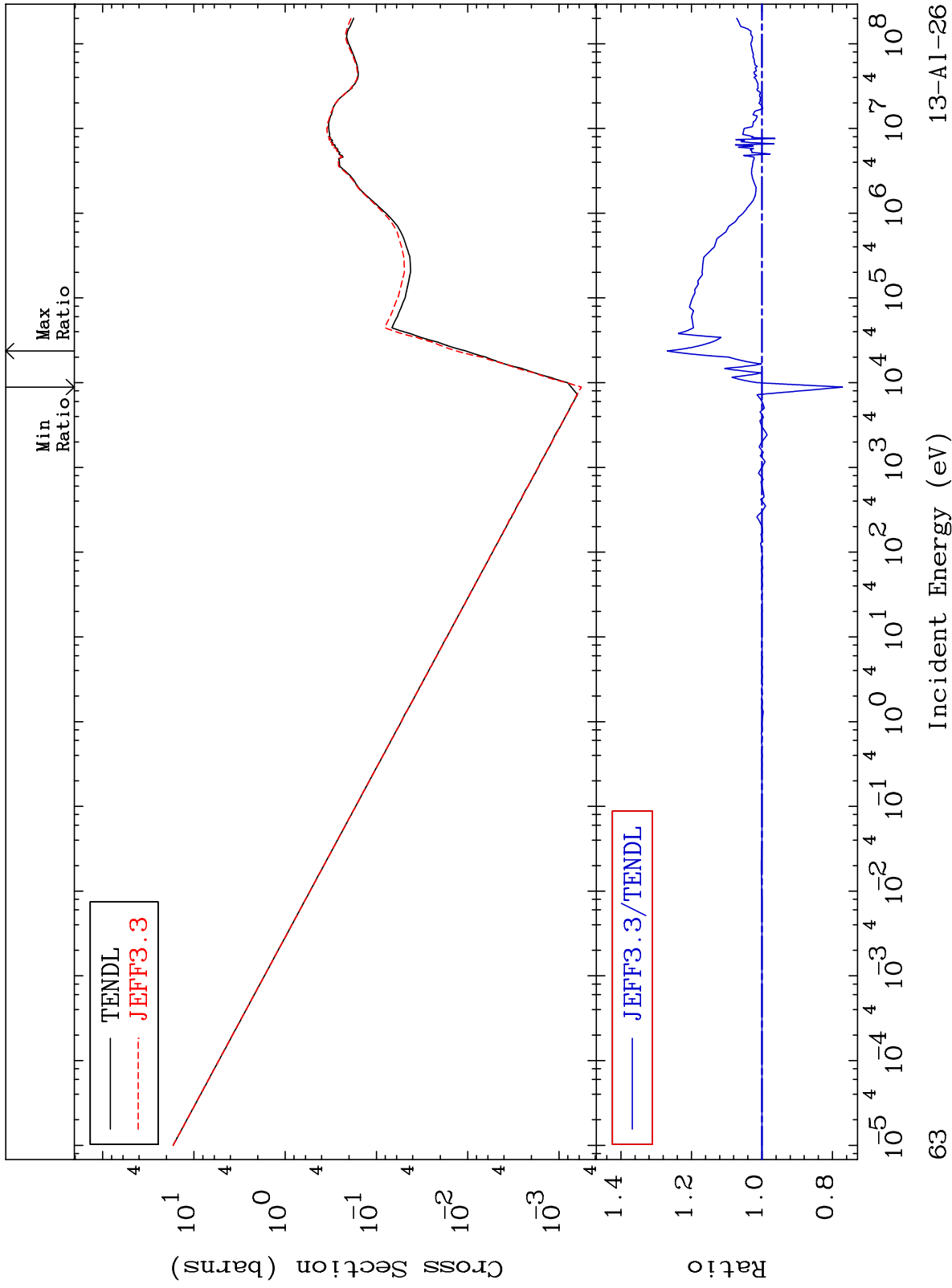
Incident Energy (eV)

13-Al-26

MAT 1322

He-4 Production
Cross Section

13-Al-26
-22.86 To 26.84 %



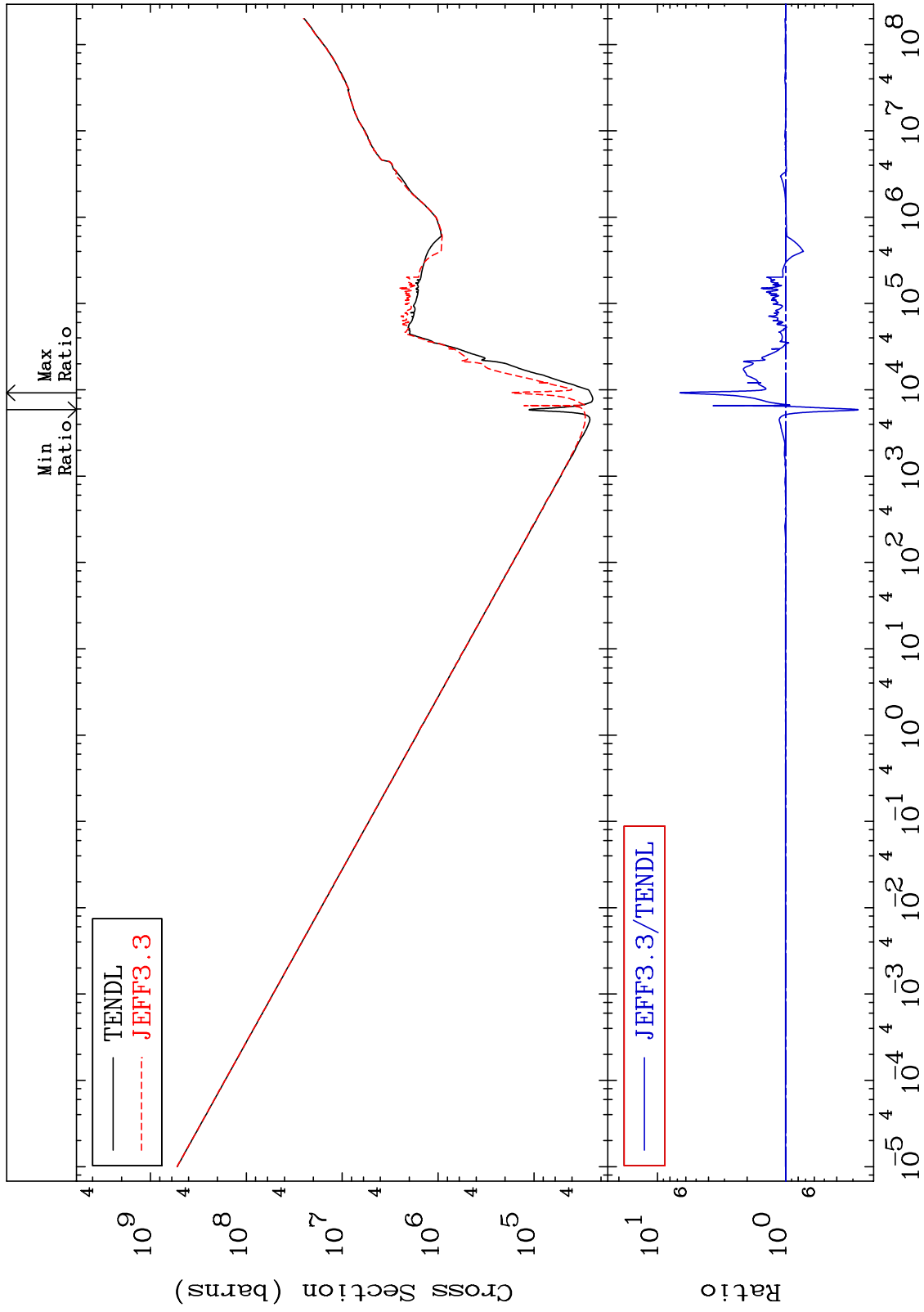
63

13-Al-26

MAT 1322

Kerma total (eV-barns)
Cross Section

13-Al-26
-72.86 To 566.9 %



64

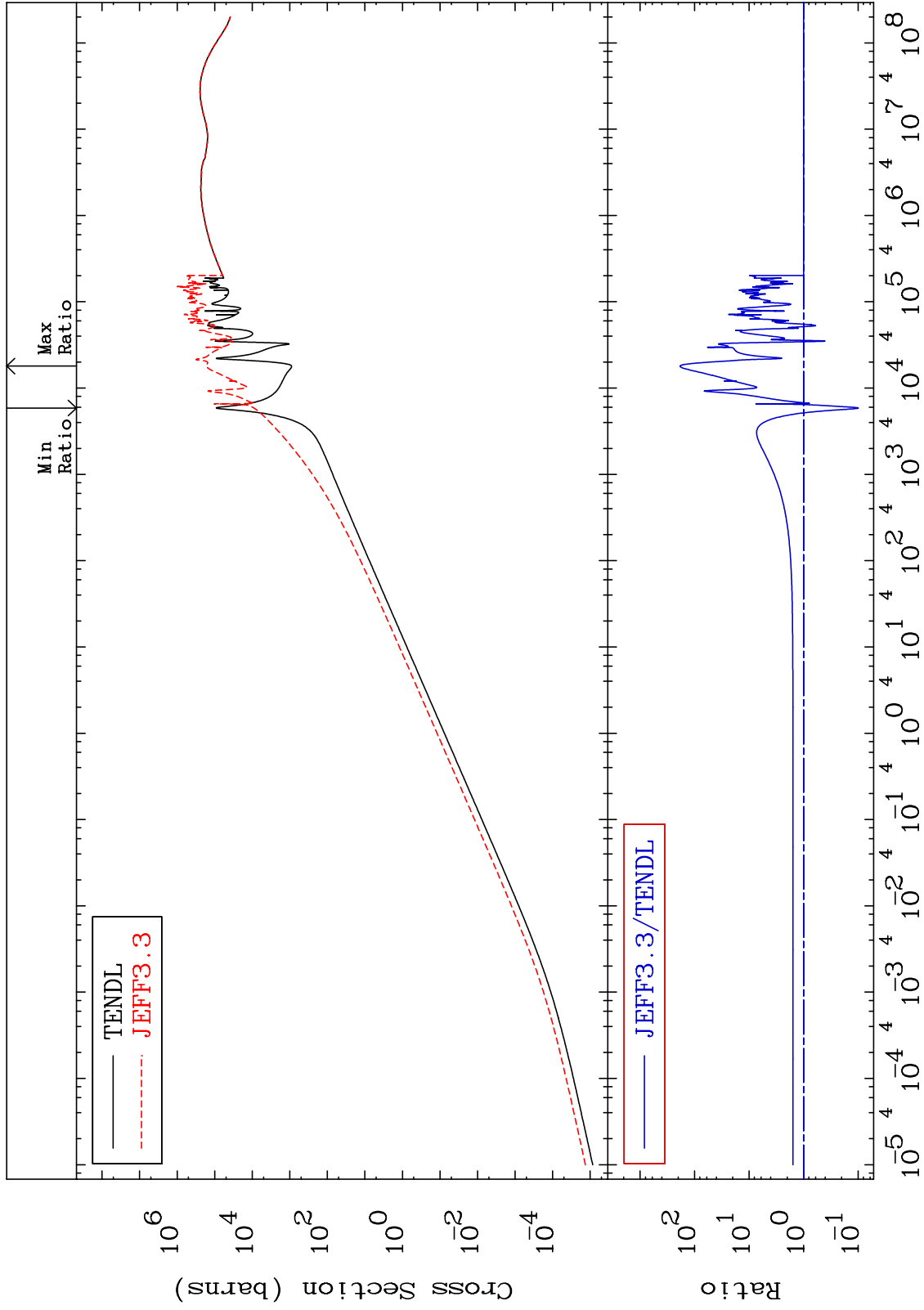
Incident Energy (eV)

13-Al-26

MAT 1322

Kerma elastic
Cross Section

13-Al-26
-90.15 To 9999. %



65

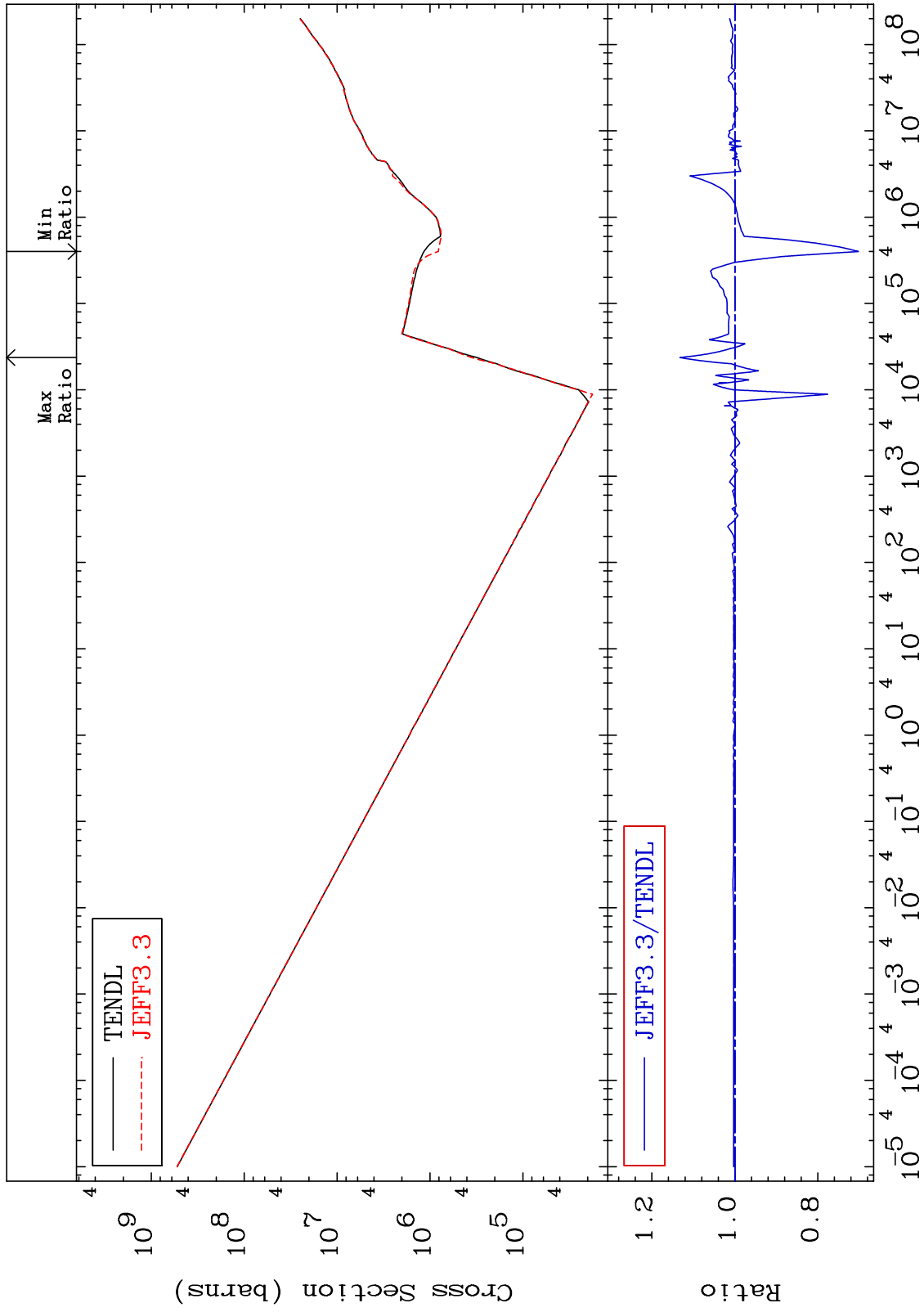
Incident Energy (eV)

13-Al-26

MAT 1322

Kerma non-elastic (all but mt2)
Cross Section

13-AI-26
-29.78 To 13.22 %



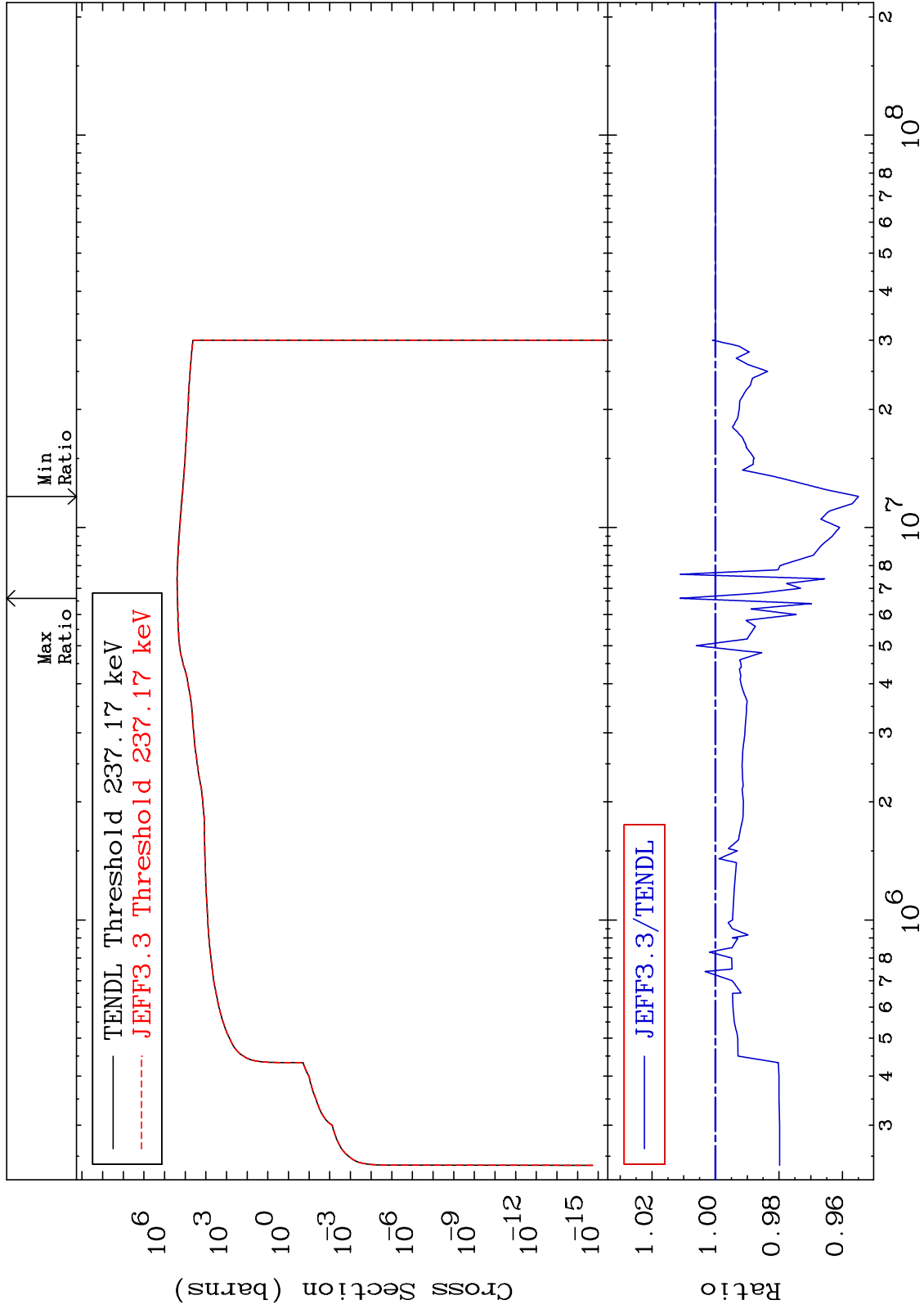
MAT 1322

Kerma inelastic (mt51-91)

13-Al-26

-4.500 To 1.117 %

Cross Section



67

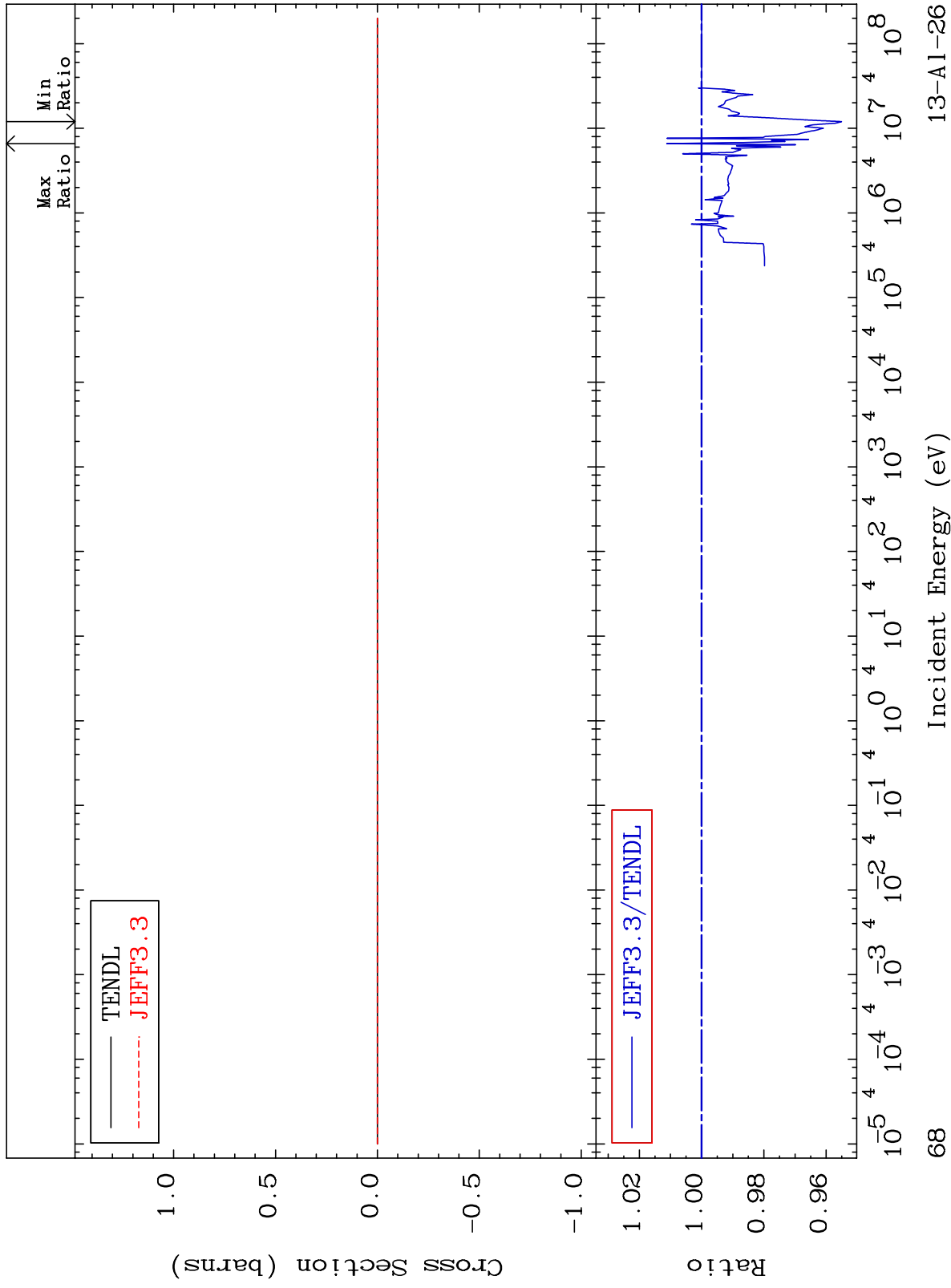
Incident Energy (eV)

13-Al-26

MAT 1322

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

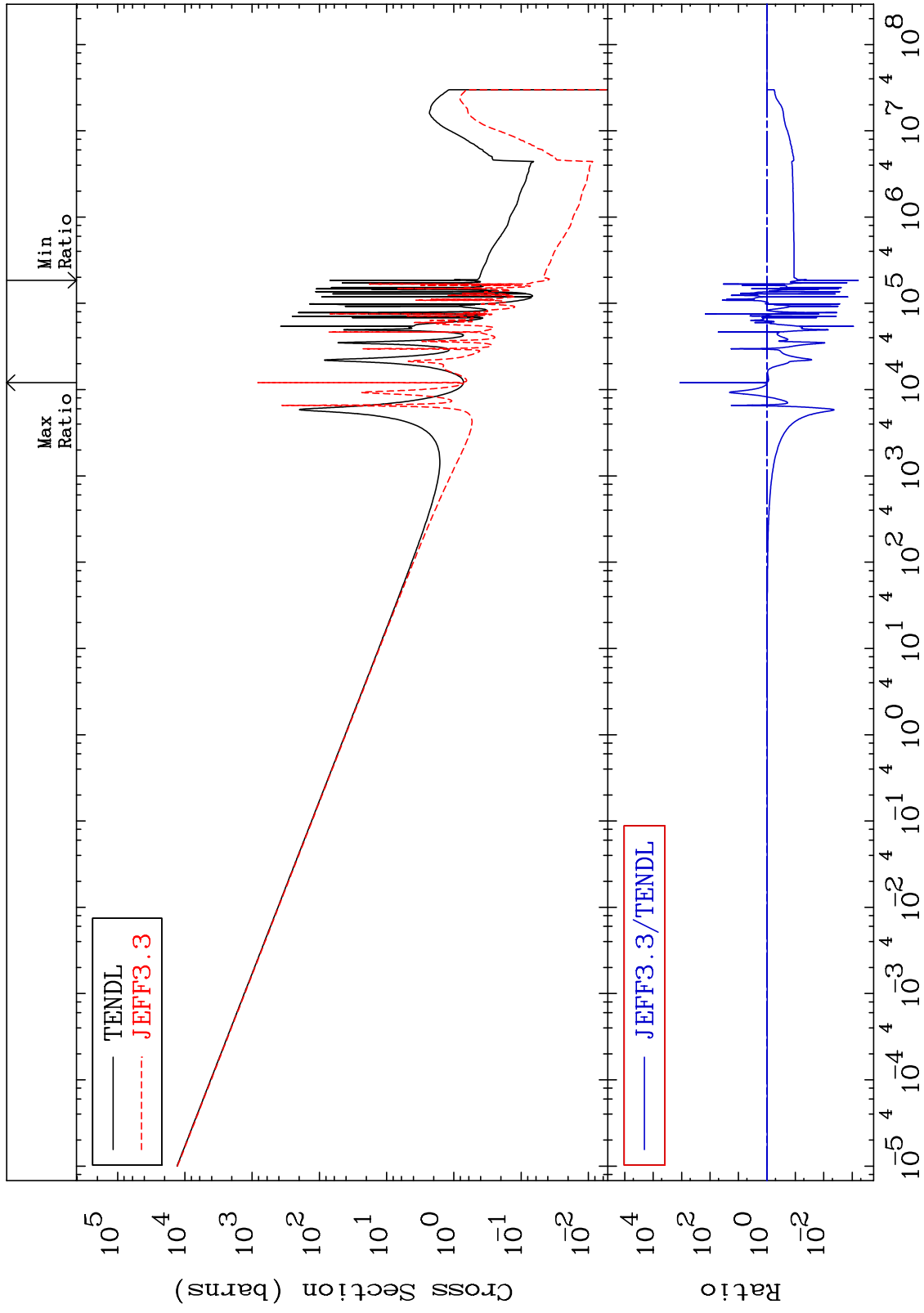
13-AI-26
-4.500 To 1.117 %



MAT 1322

Kerma capture (mt102)
Cross Section

13-Al-26
-99.94 To 9999. %



69

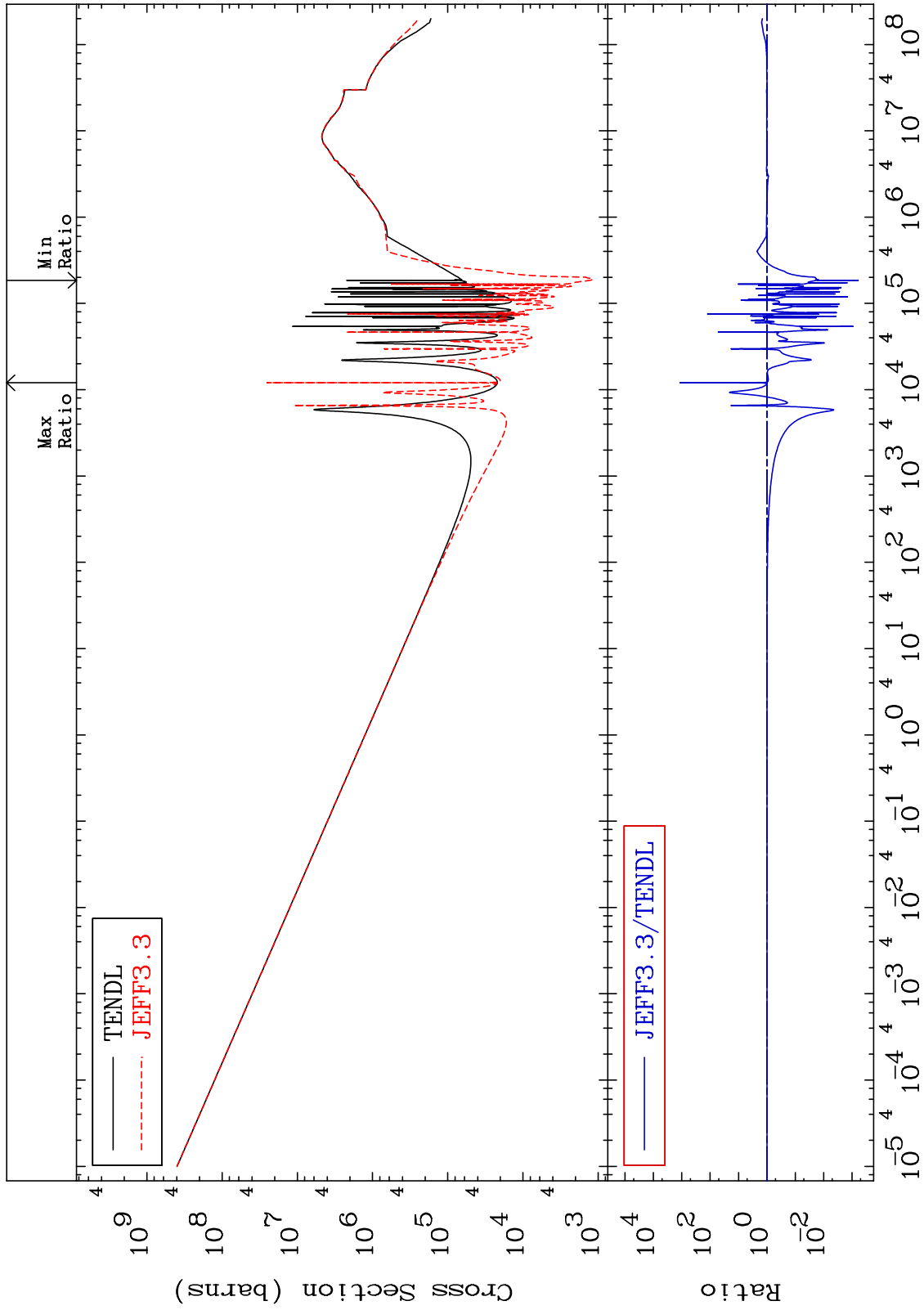
Incident Energy (eV)

13-Al-26

MAT 1322

Total photon (eV-barns)
Cross Section

13-Al-26
-99.94 To 9999. %



70

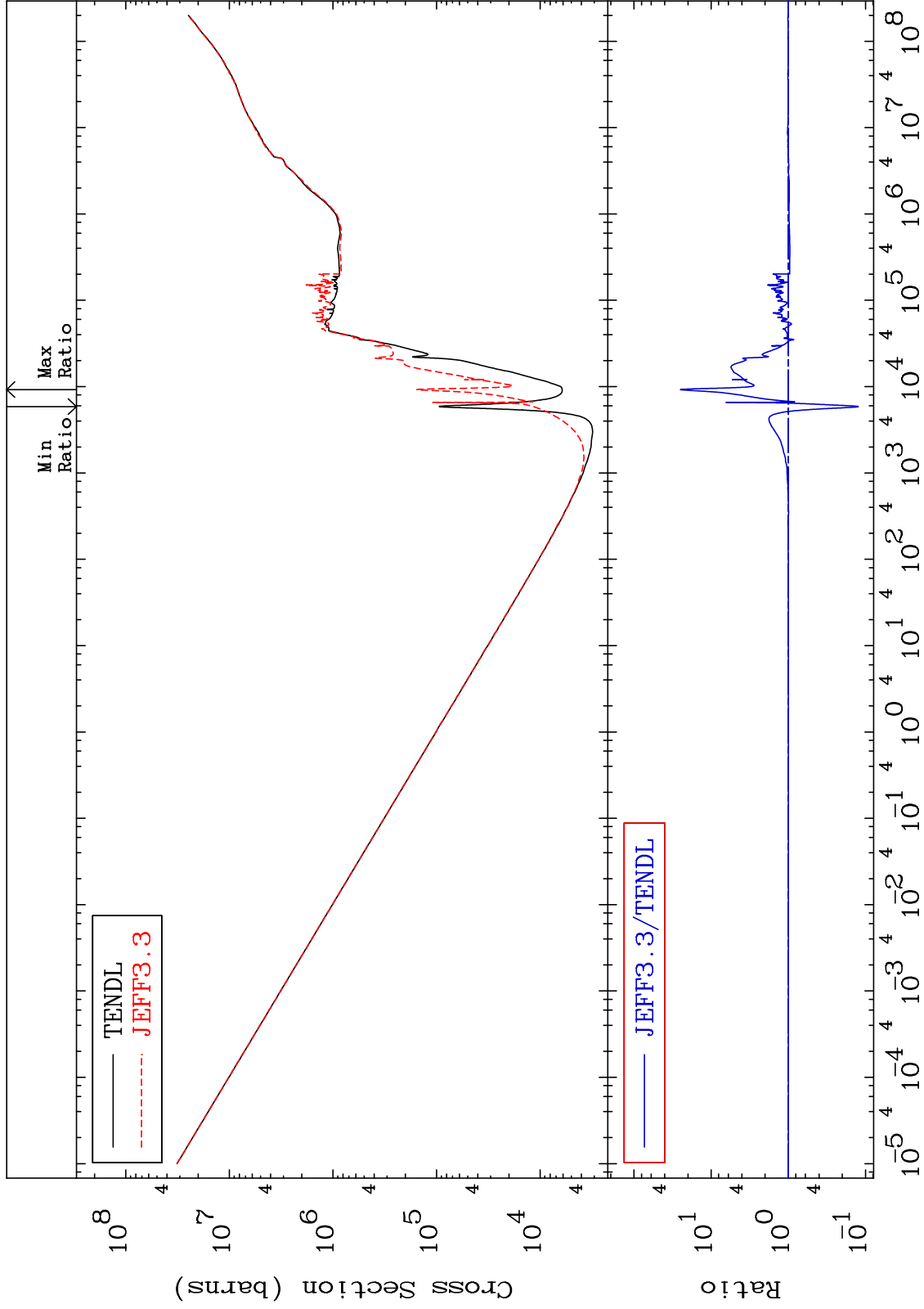
Incident Energy (eV)

13-Al-26

MAT 1322

Total kinematic kerma (high limit)
Cross Section

13-Al-26
-87.65 To 2433. %



71

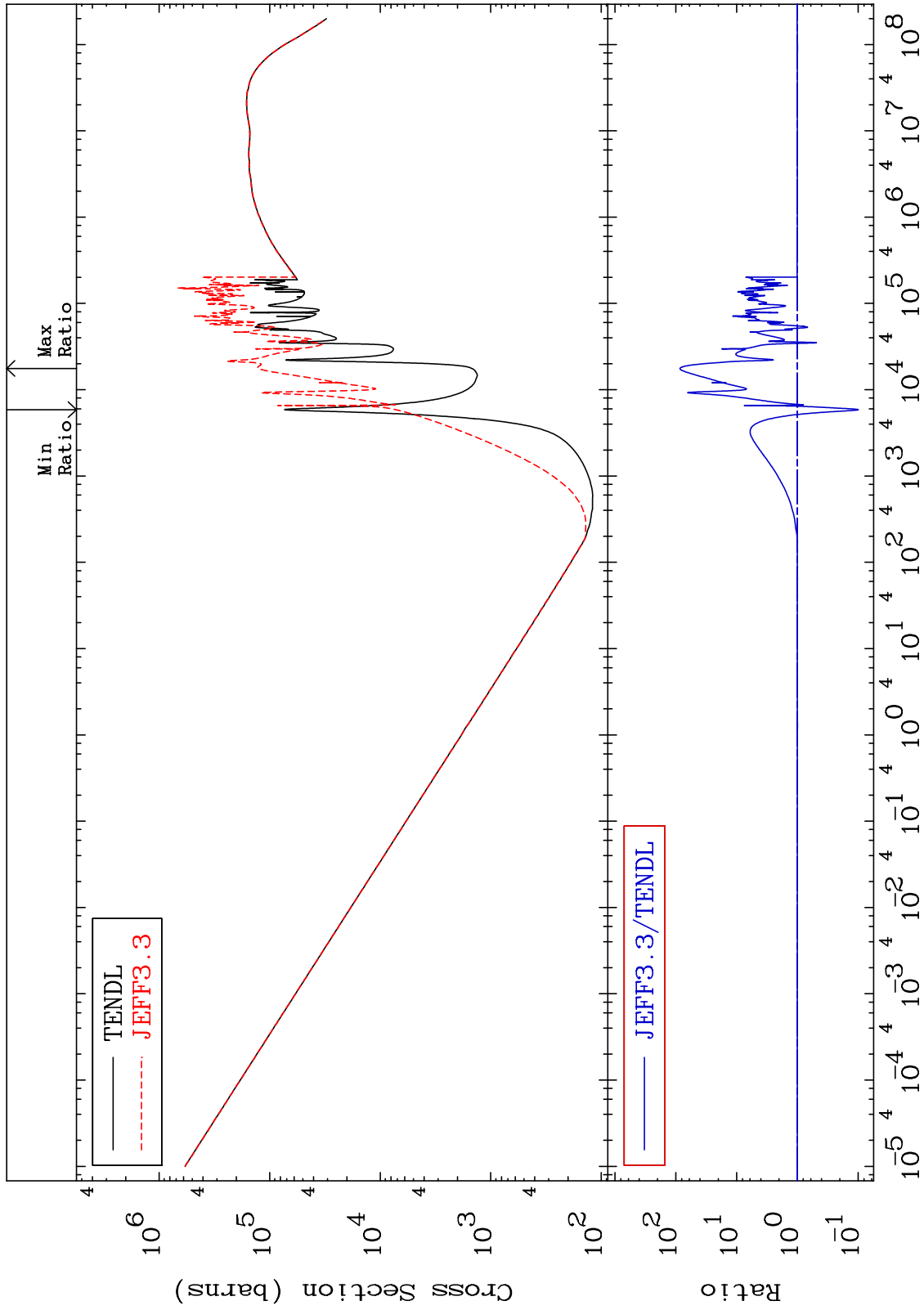
Incident Energy (eV)

13-Al-26

MAT 1322

Dpa total (eV-barns)
Cross Section

13-Al-26
-90.10 To 8420. %



72

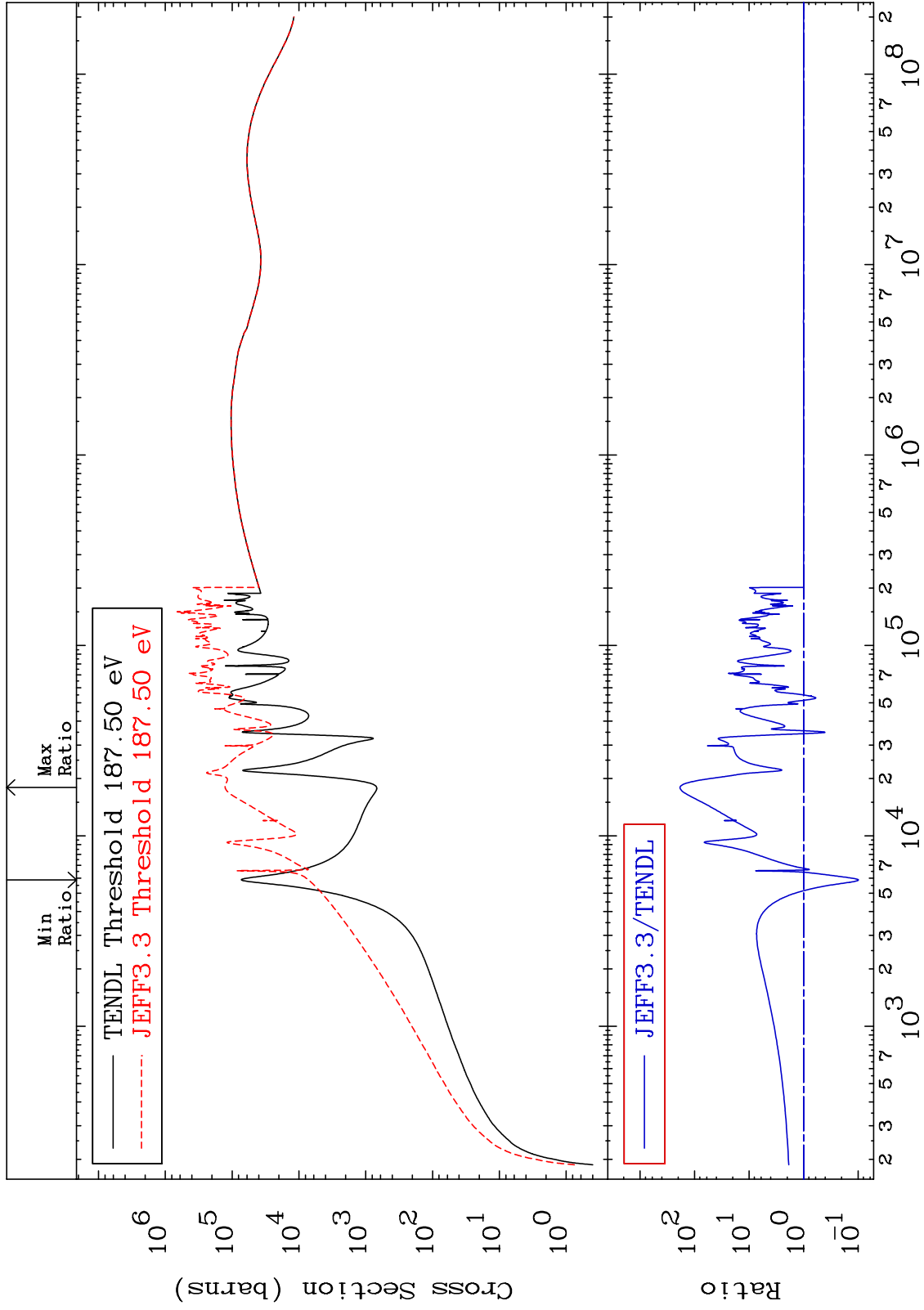
Incident Energy (eV)

13-Al-26

MAT 1322

Dpa elastic (mt2)
Cross Section

13-Al-26
-90.15 To 9999. %



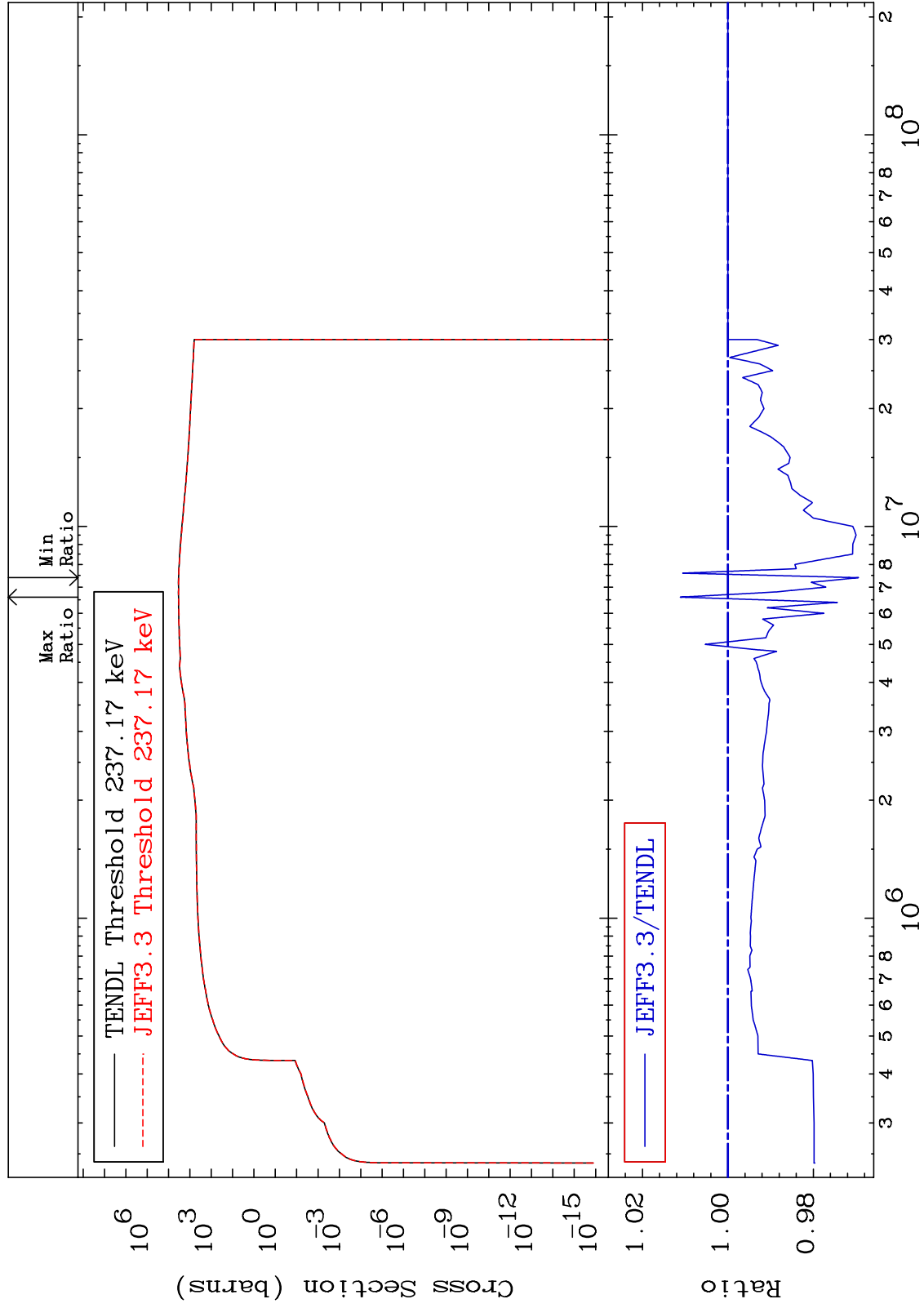
MAT 1322

Dpa inelastic (mt51-91)

13-Al-26

-3.056 To 1.110 %

Cross Section



74

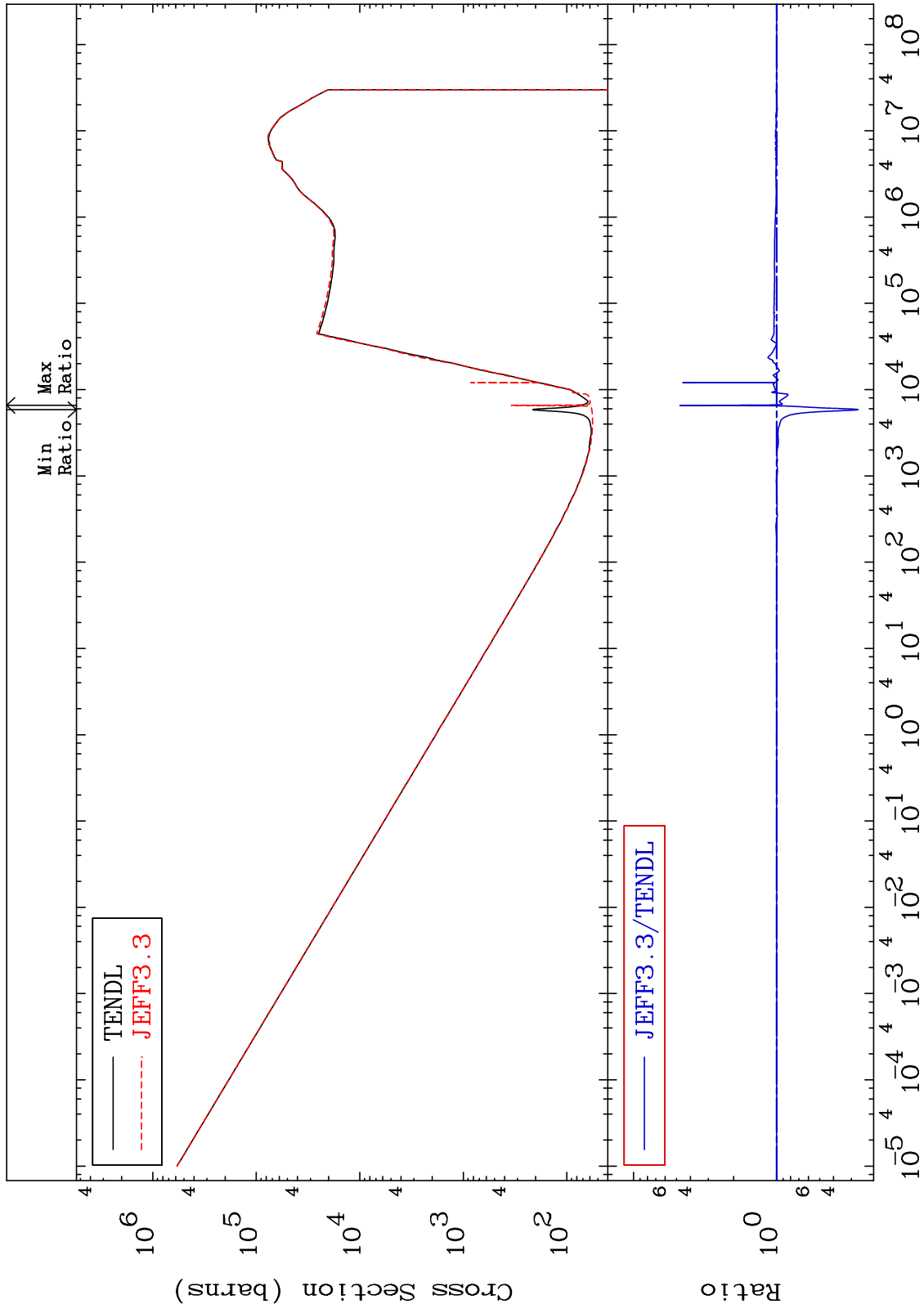
Incident Energy (eV)

13-Al-26

MAT 1322

Dpa disappearance (mt102 -120)
Cross Section

13-Al-26
-73.20 To 372.9 %



75

Incident Energy (eV)

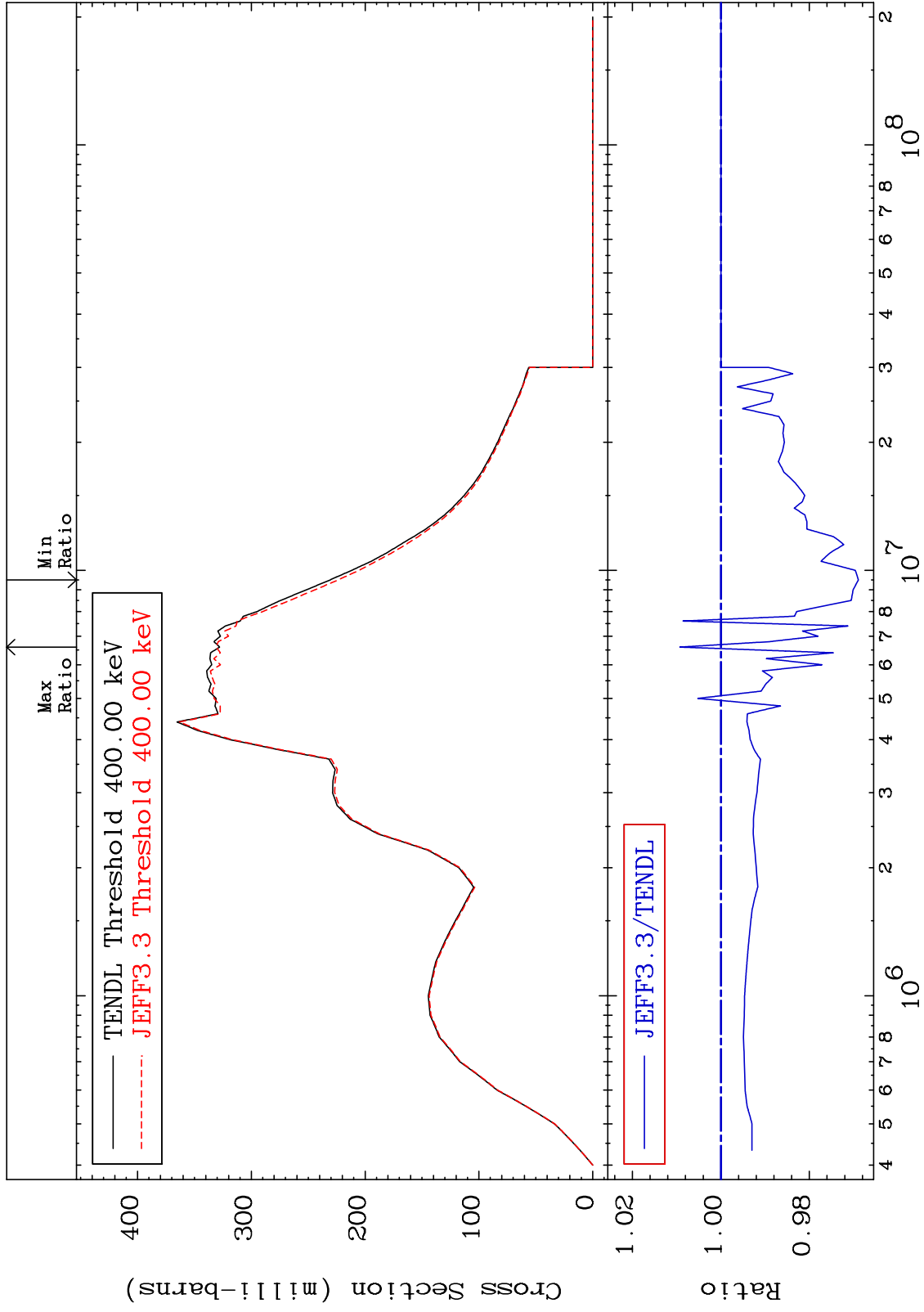
13-Al-26

MAT 1322

13-Al-26

Inelastic: 13-Al-26g

Radionuclide Production Cross Section -3.109 To 0.924 %



76

Incident Energy (eV)

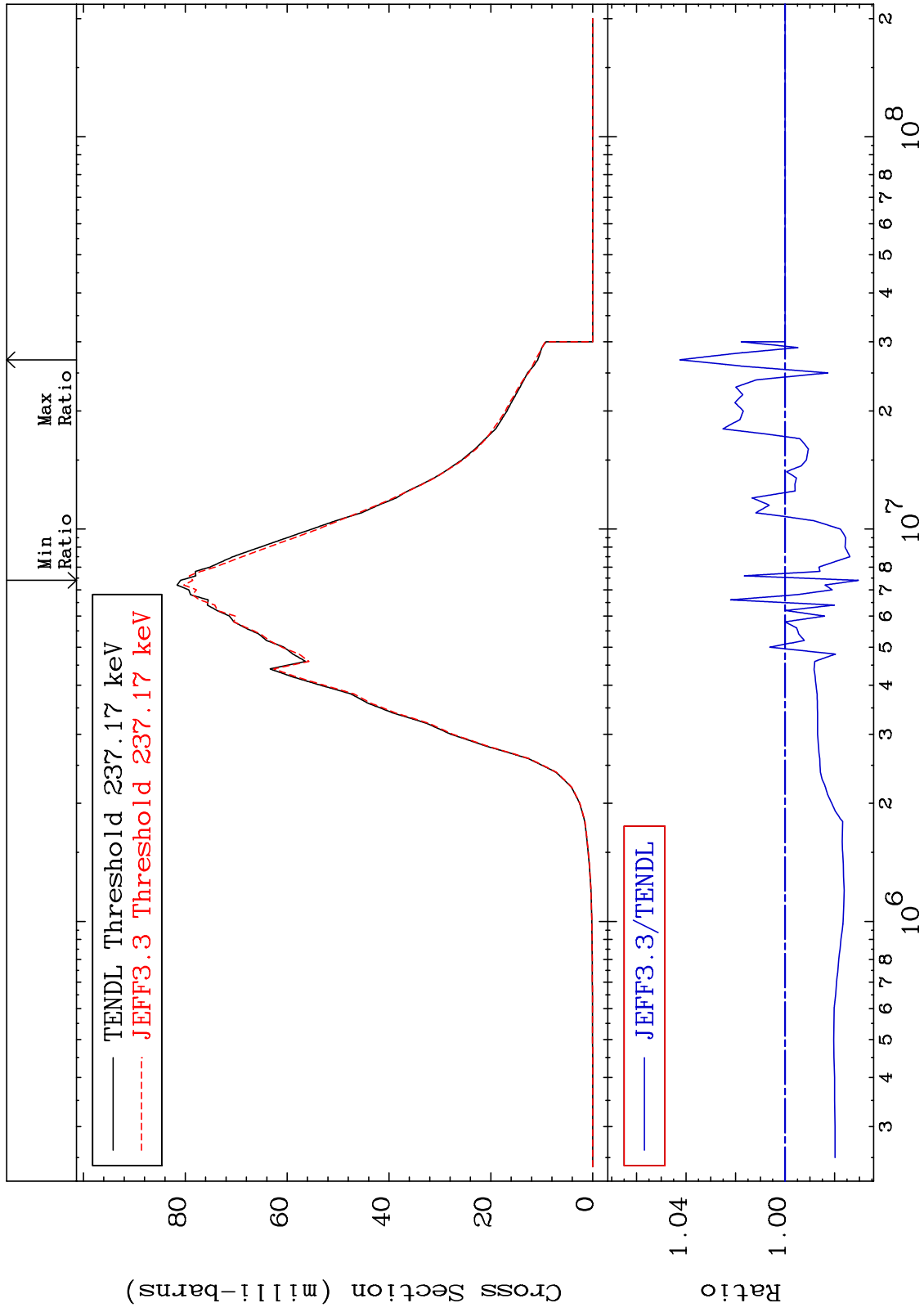
13-Al-26

MAT 1322

Inelastic: 13-Al-26m1

13-Al-26

Radionuclide Production Cross Section -2.958 To 4.243 %



77

Incident Energy (eV)

13-Al-26