

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

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

Press Mouse Button to Start

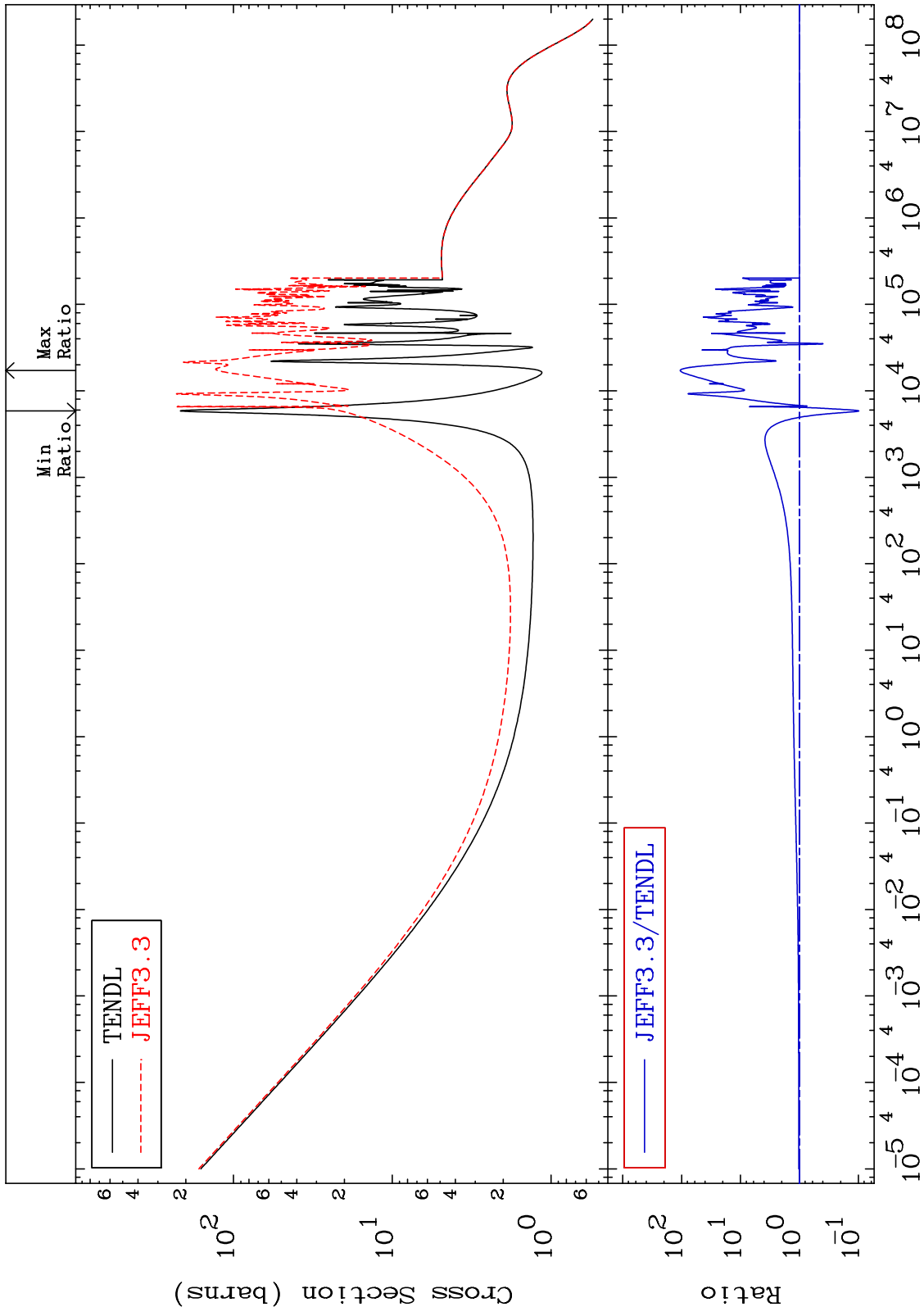
MAT 1322

Total

13-AI-26

Cross Section

-90.21 To 9999. %



1

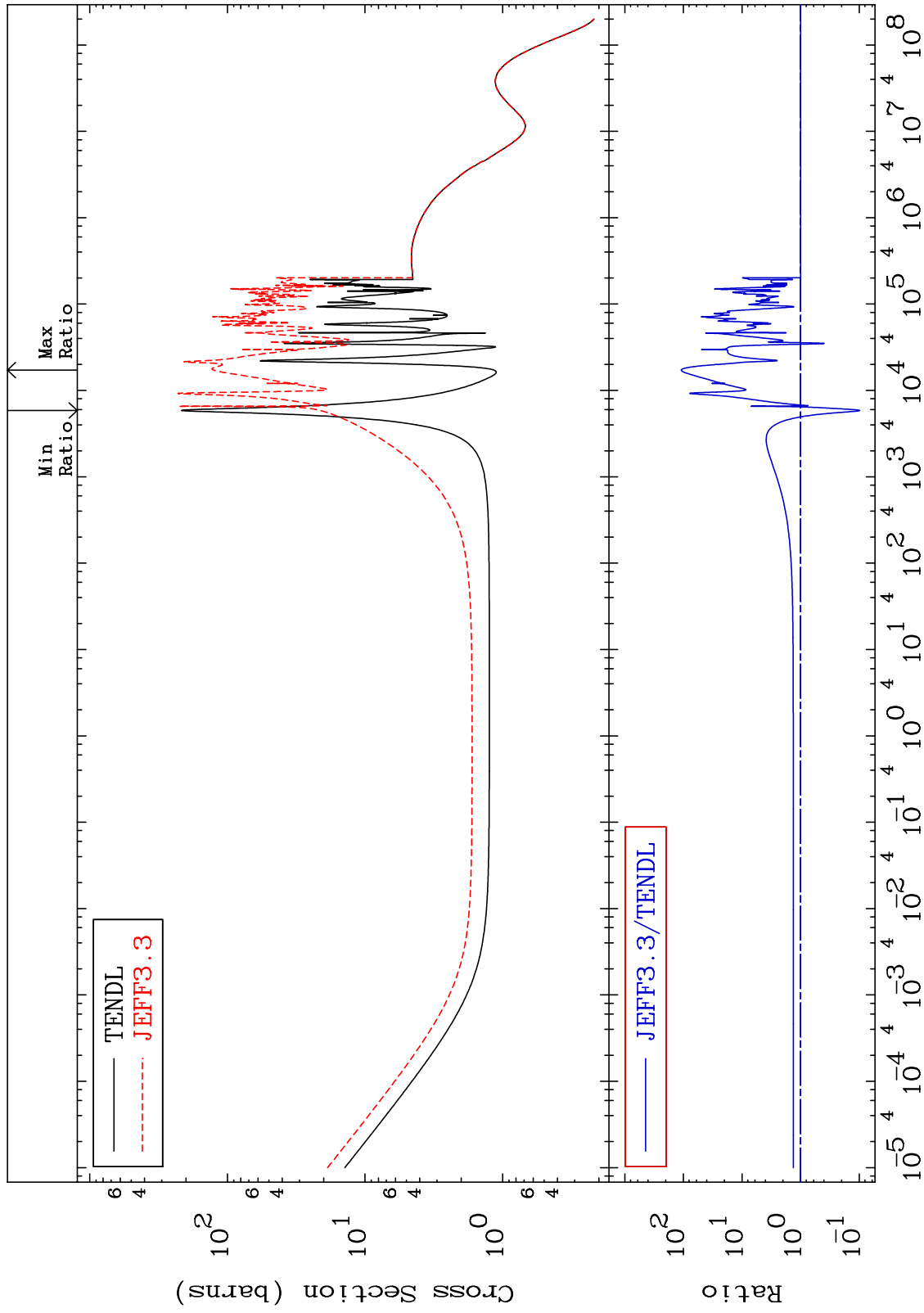
Incident Energy (eV)

13-AI-26

MAT 1322

Elastic
Cross Section

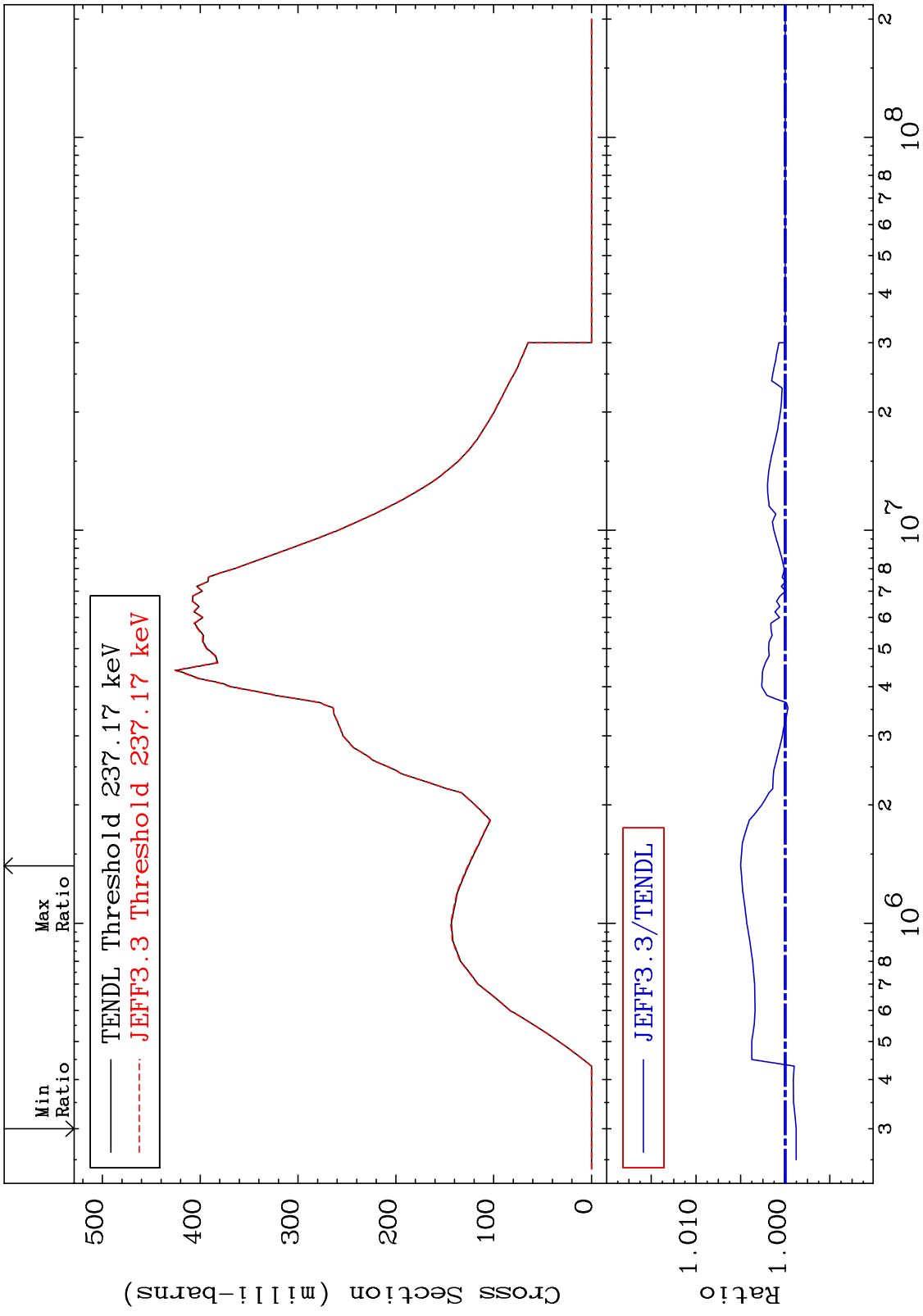
13-AI-26
-90.20 To 9999. %



2

Incident Energy (eV)

13-AI-26



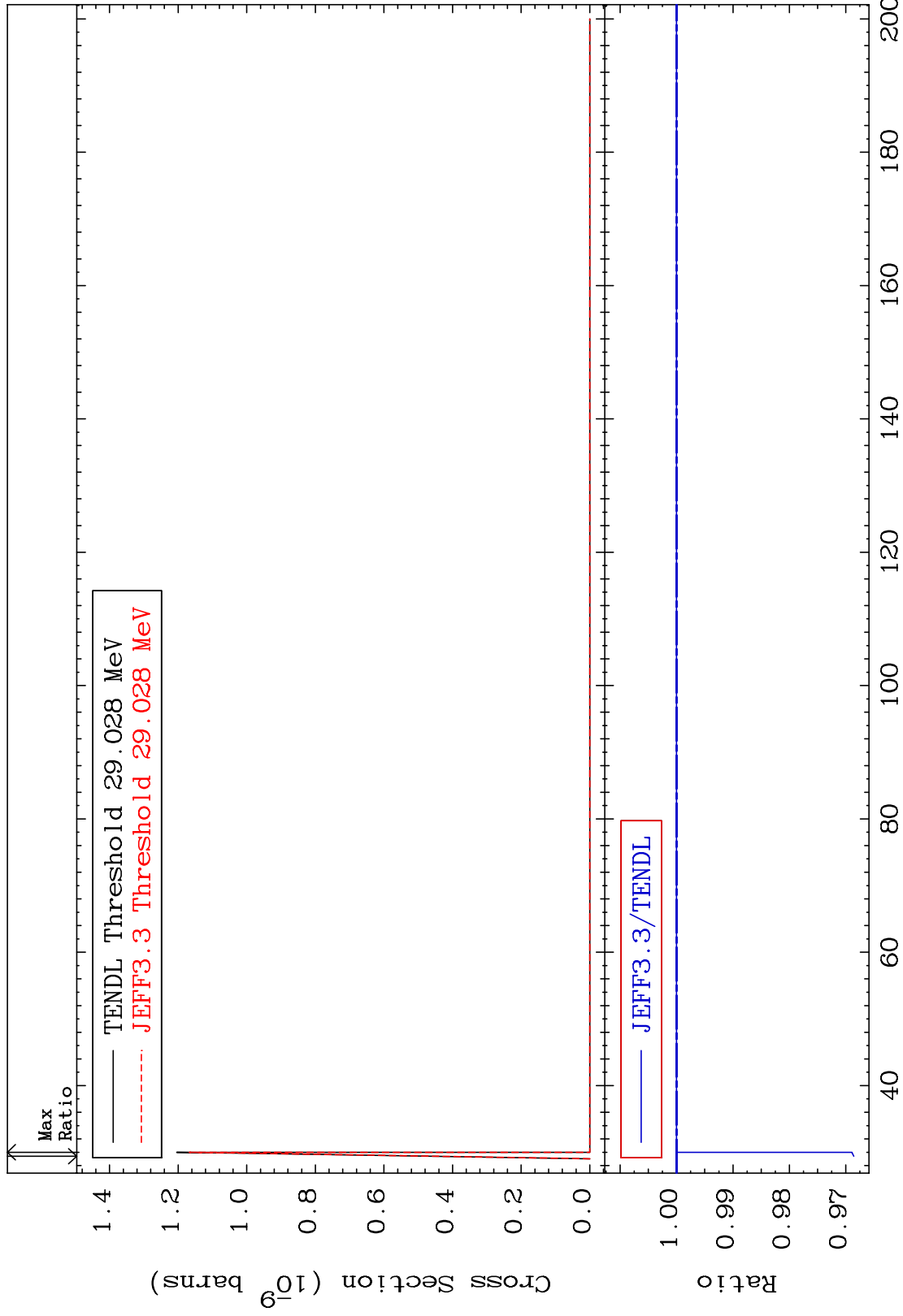
MAT 1322

(n,2n) d

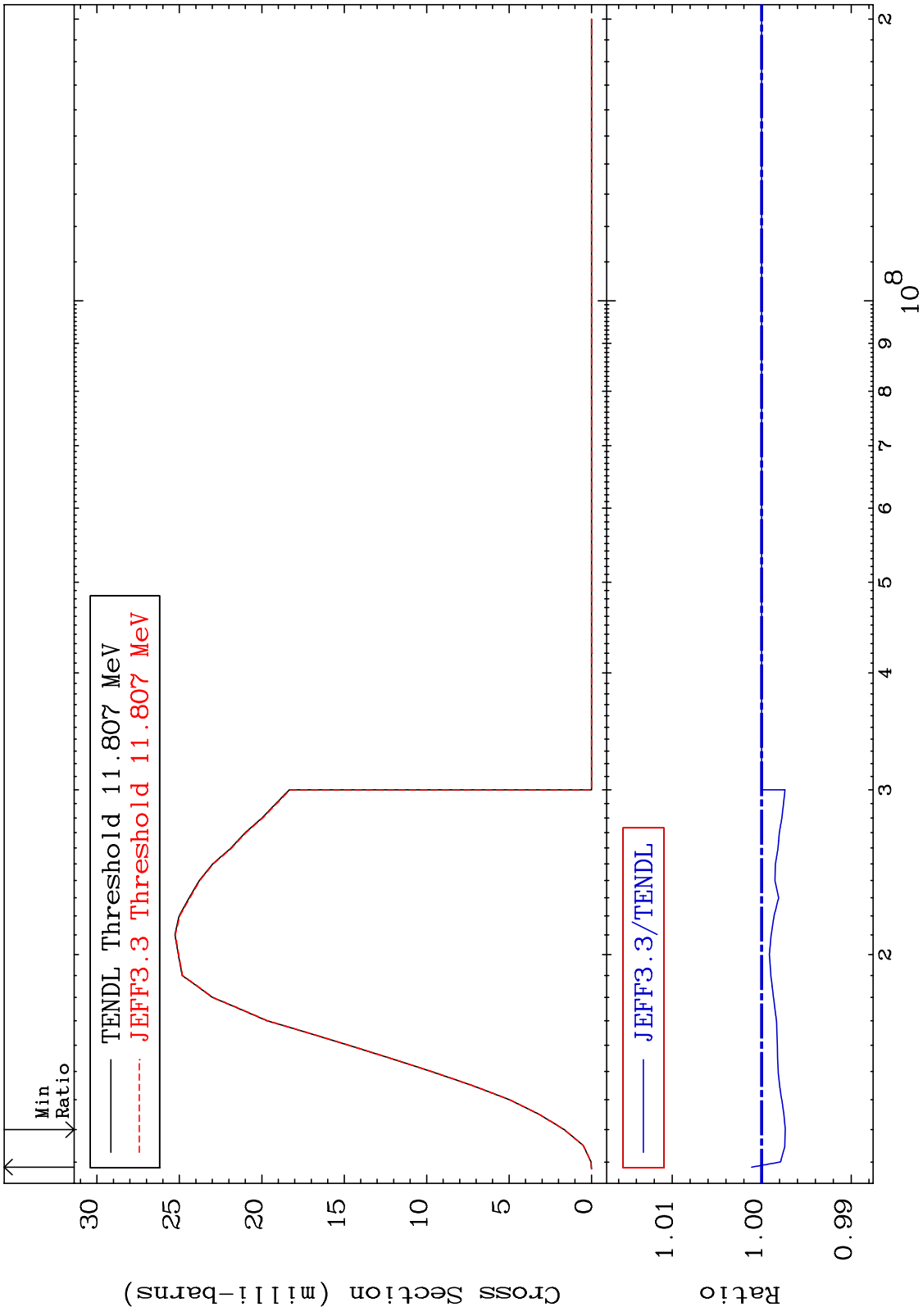
13-AI-26

Cross Section

-3.142 To 0.000 %



MAT 1322 (n,2n) Cross Section 13-AI-26
-0.264 To 0.113 %



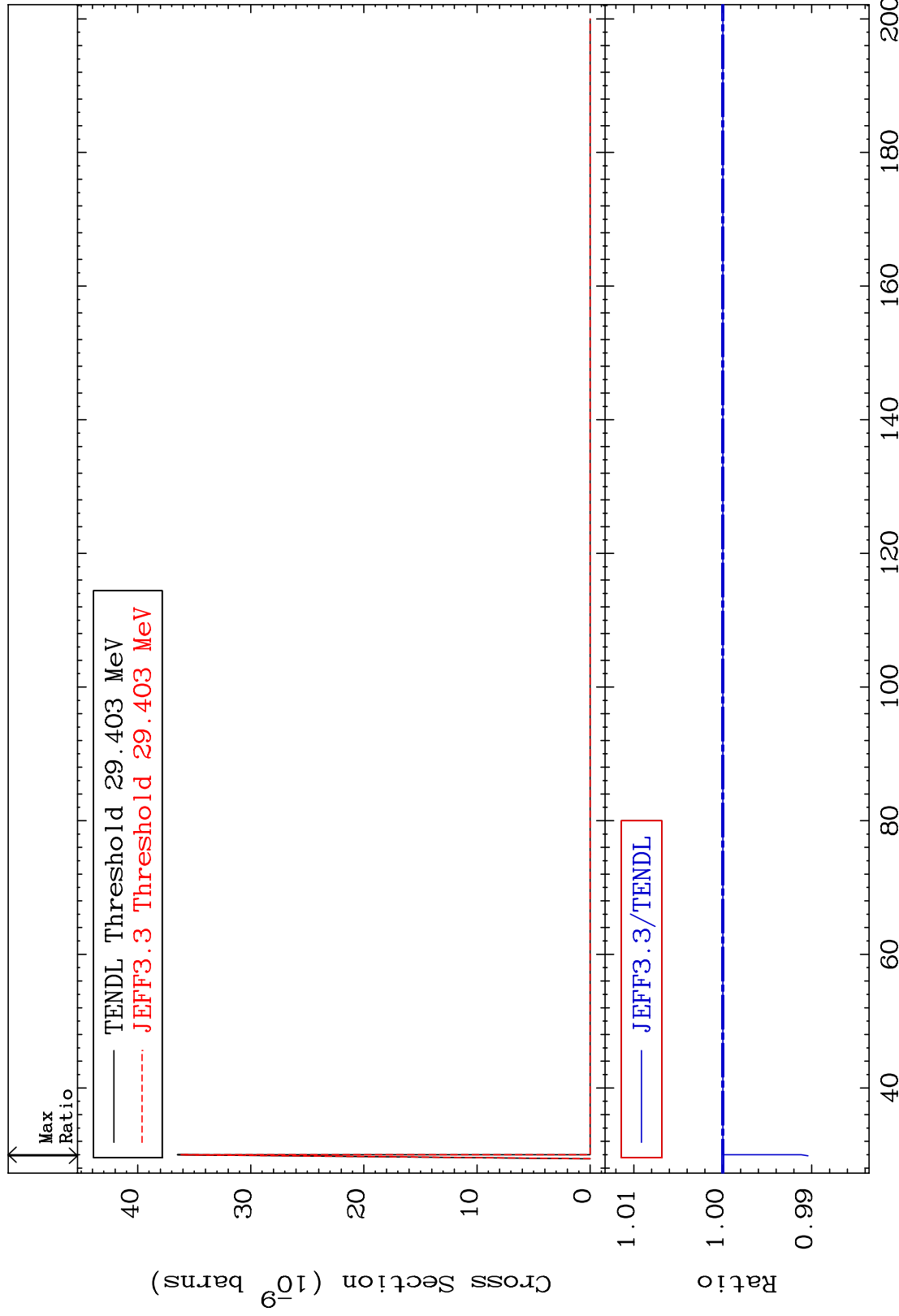
MAT 1322

(n,3n)

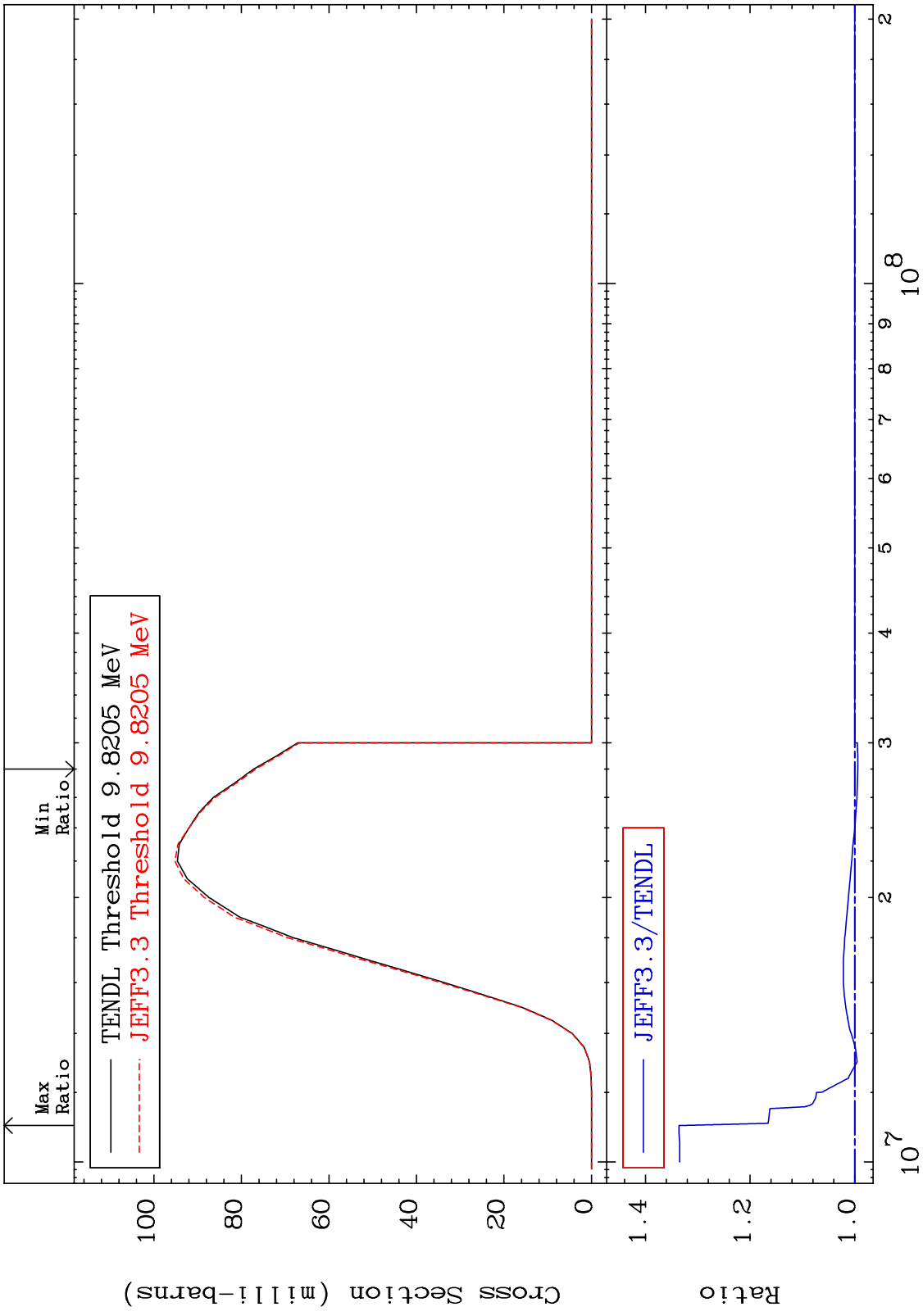
13-AI-26

Cross Section

-0.958 To 0.000 %



MAT 1322 (n,n') α 13-AI-26
Cross Section -0.590 To 33.58 %



13-AI-26

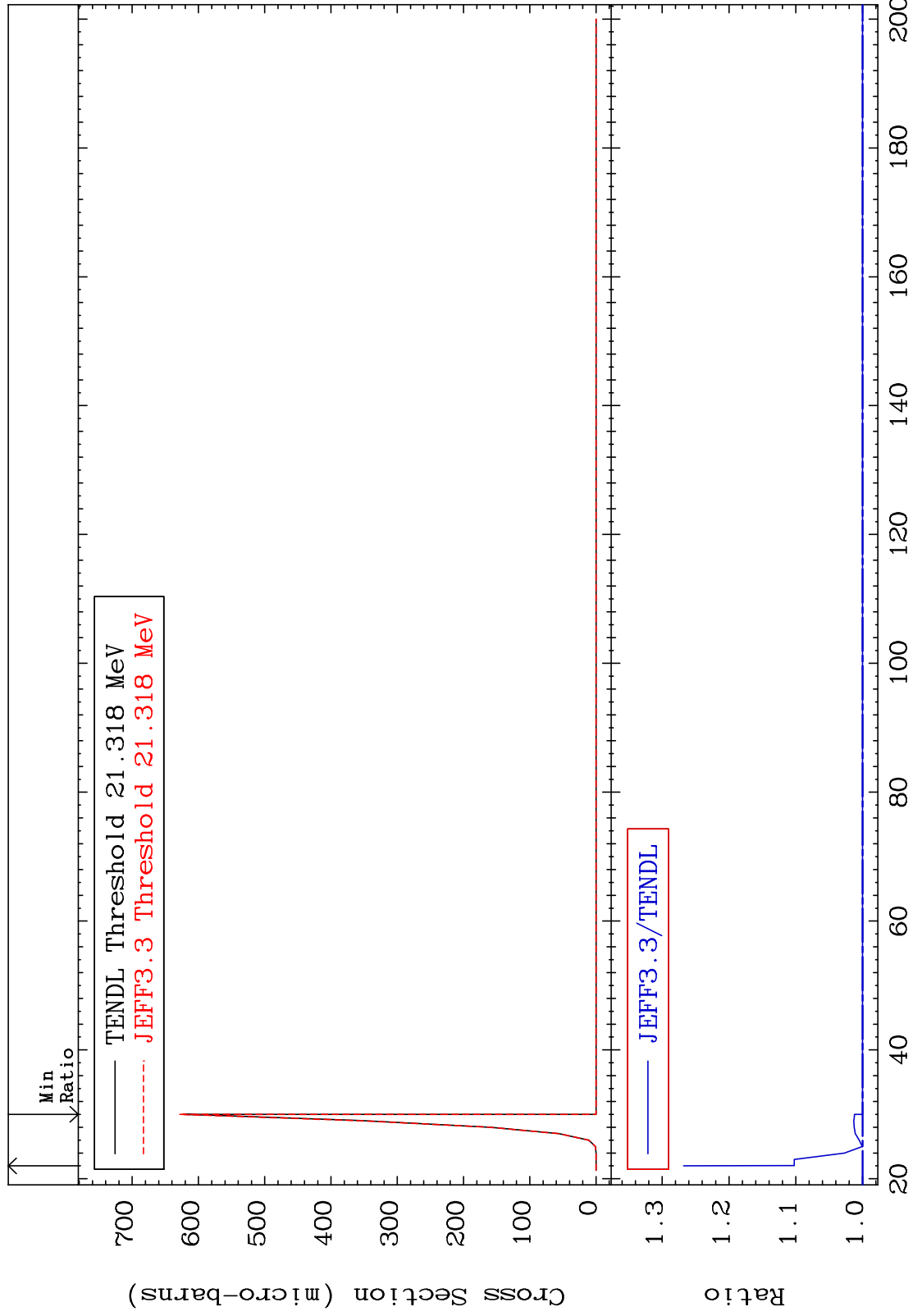
MAT 1322

(n,2n) α

13-AI-26

Cross Section

0.000 To 26.79 %



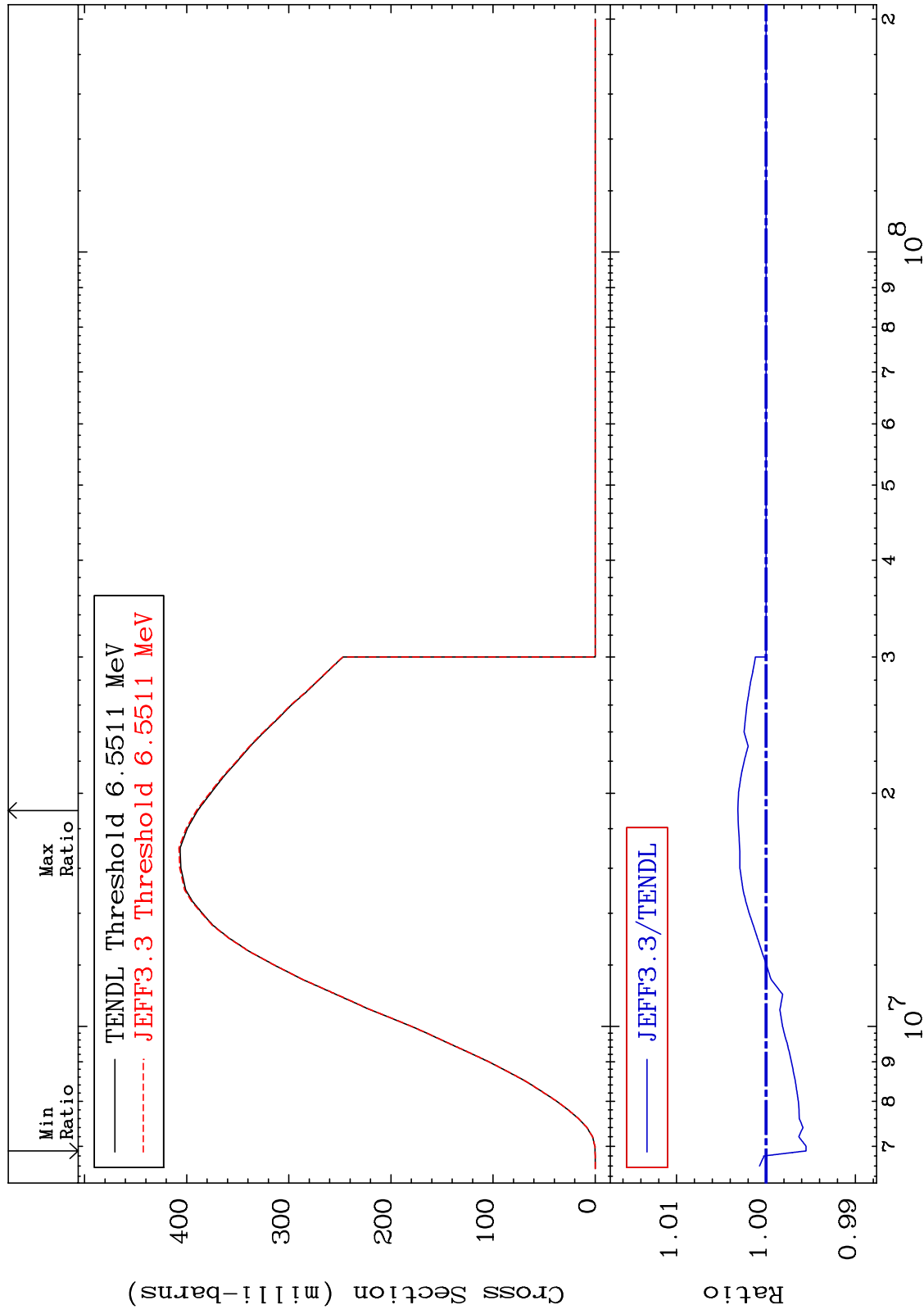
MAT 1322

(n,n') p

13-Al-26

Cross Section

-0.449 To 0.314 %

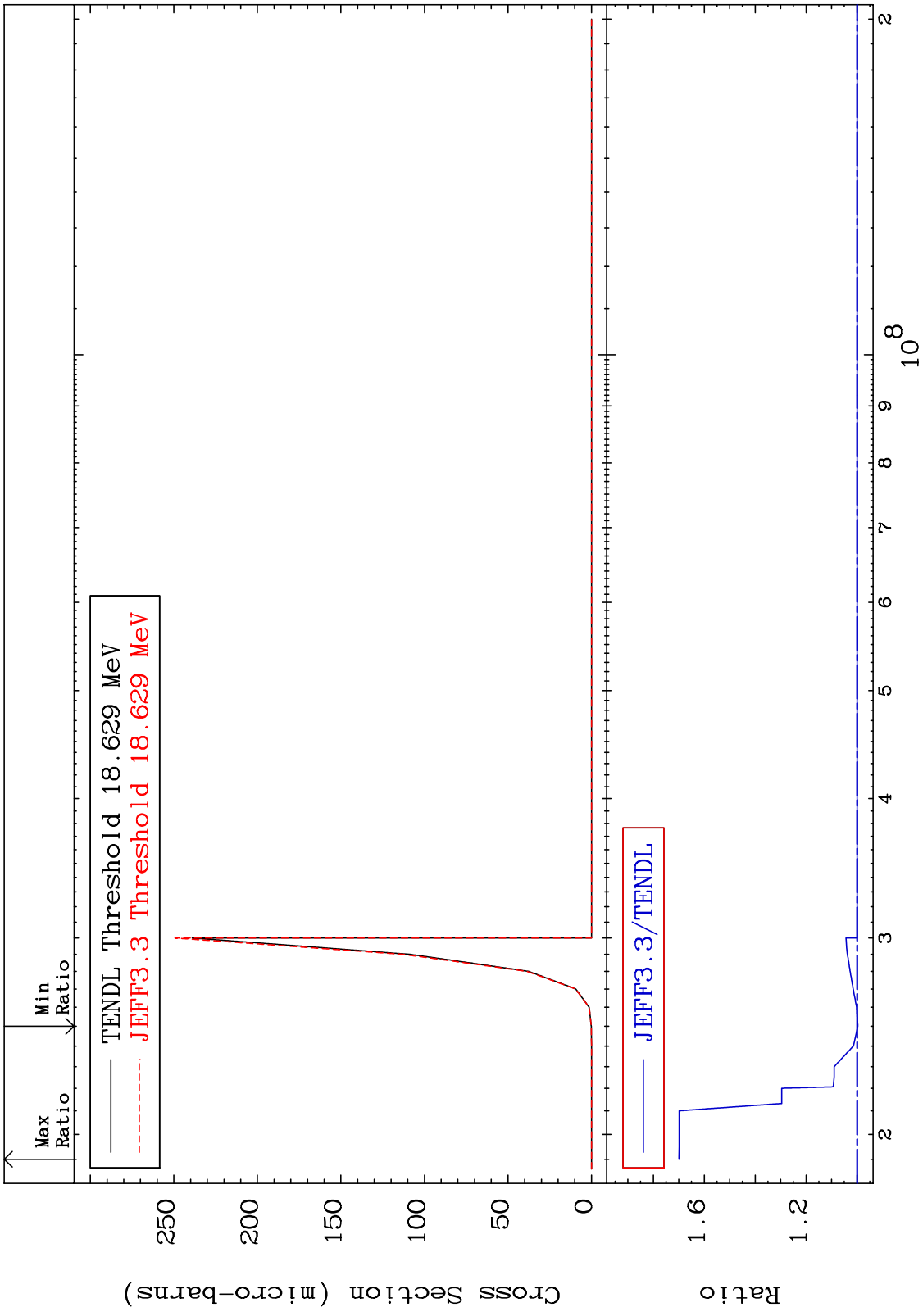


9

Incident Energy (eV)

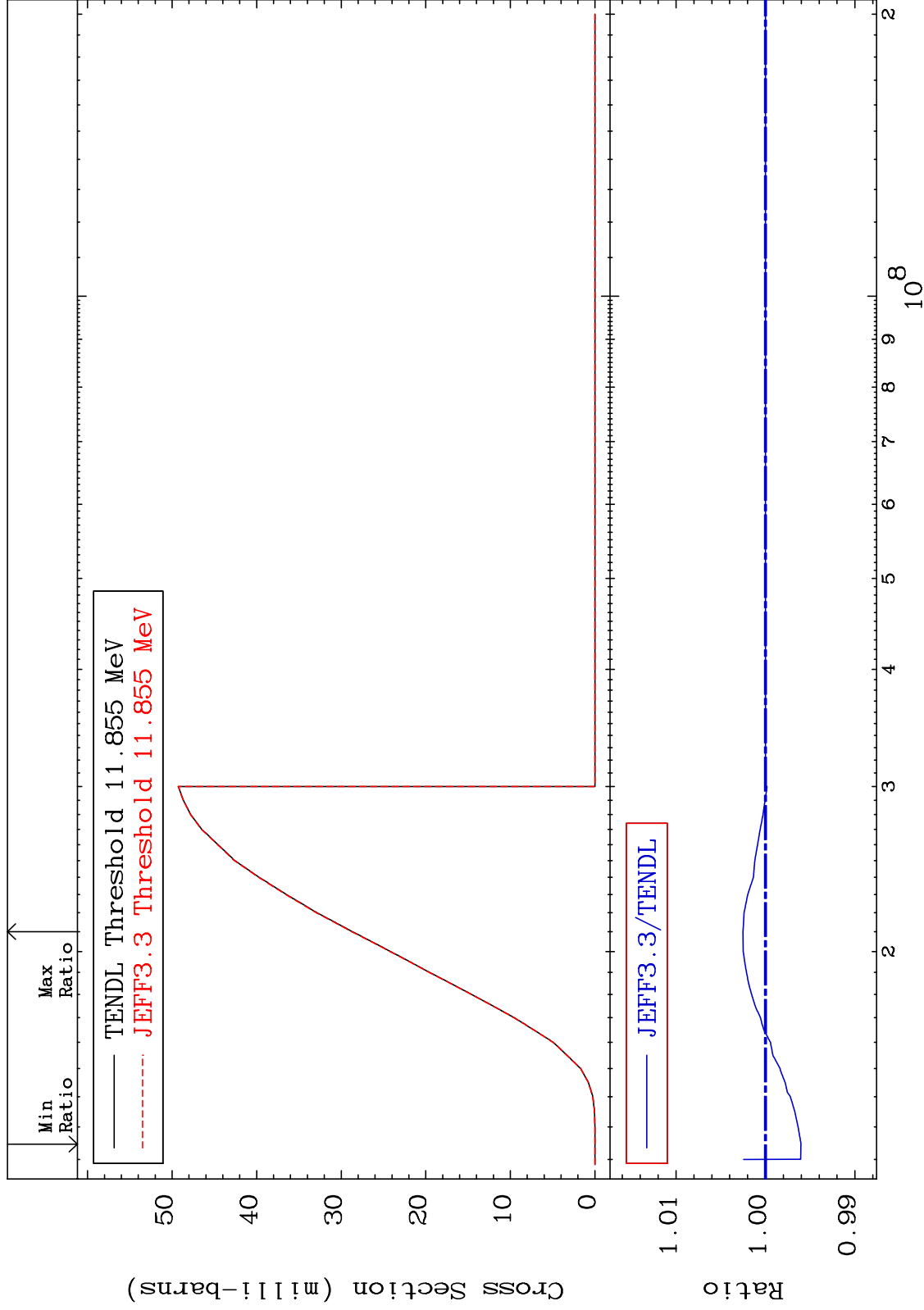
13-Al-26

MAT 1322 (n,n') 2α Cross Section 13-AI-26 -0.304 To 69.90 %



Cross Section

-0.395 To 0.252 %



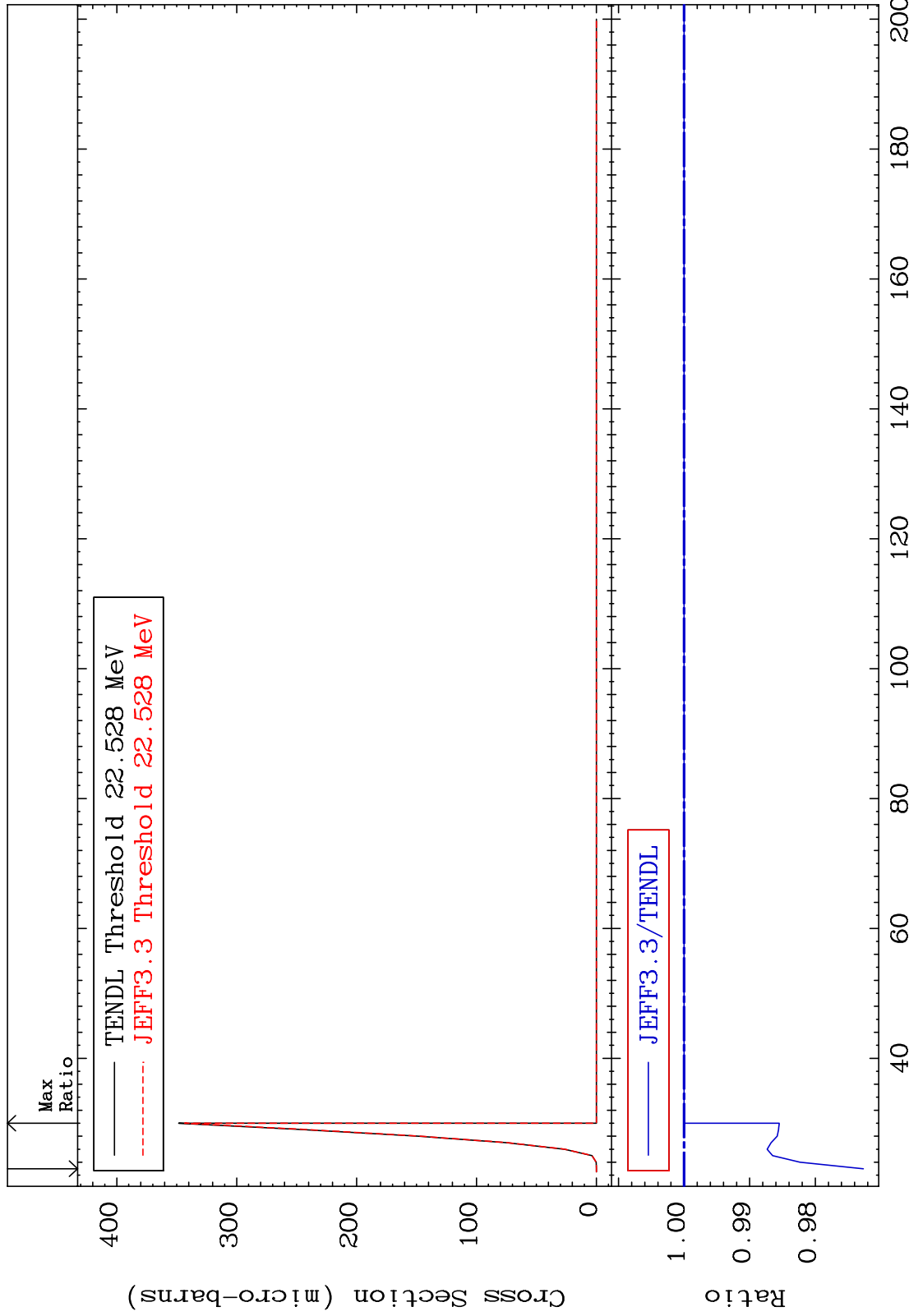
MAT 1322

(n,n') t

13-AI-26

Cross Section

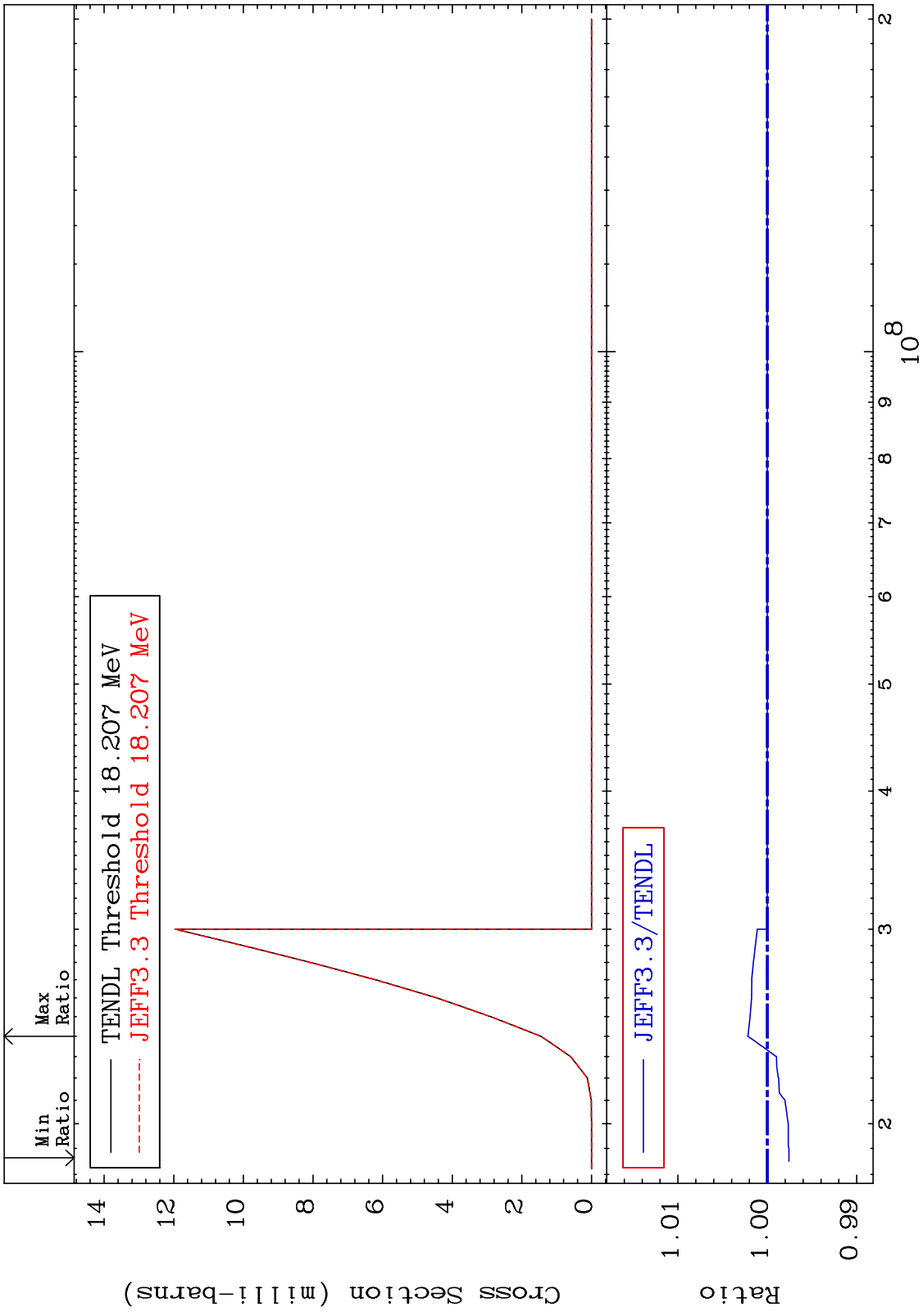
-2.734 To 0.000 %

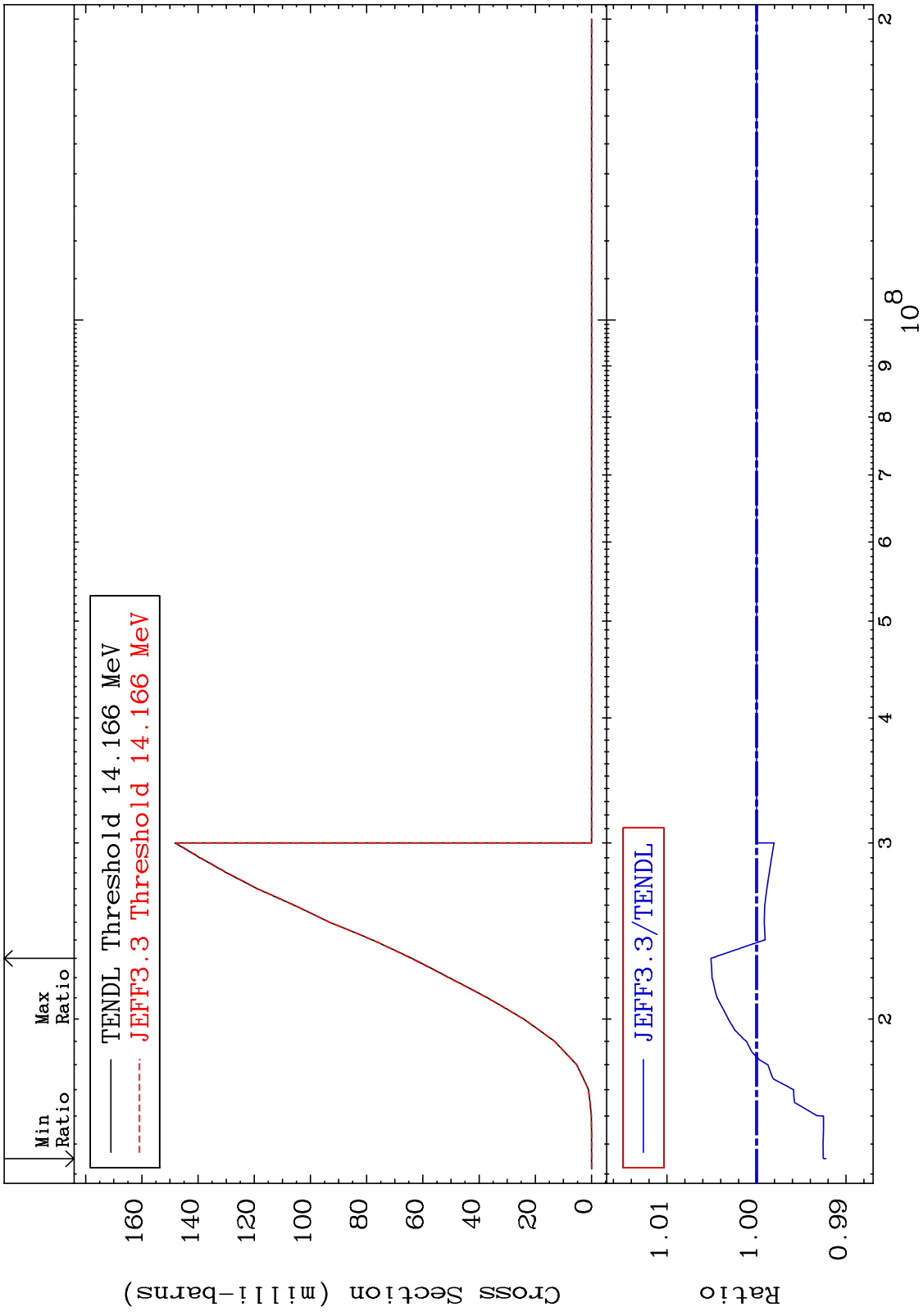


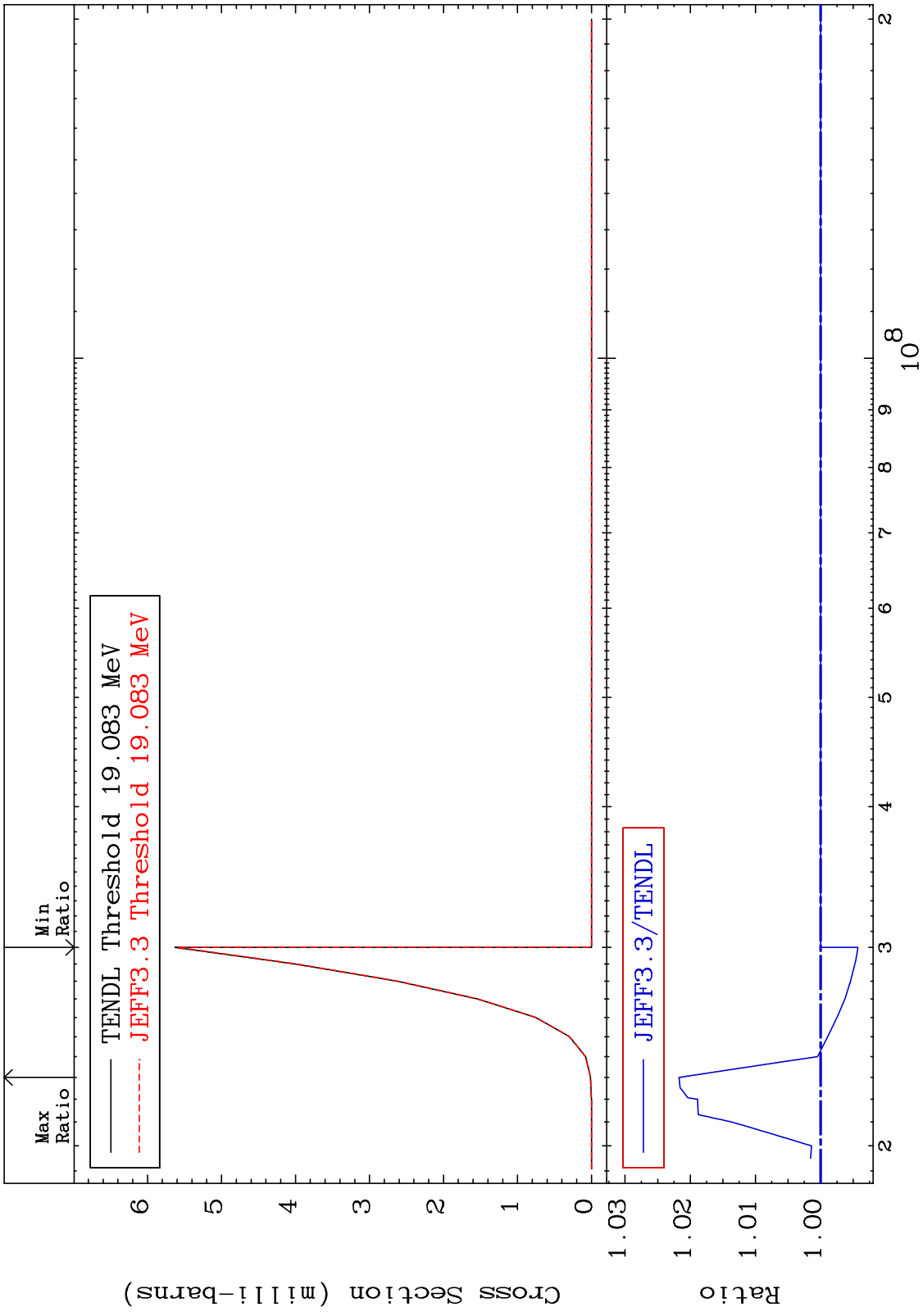
12

Incident Energy (MeV)

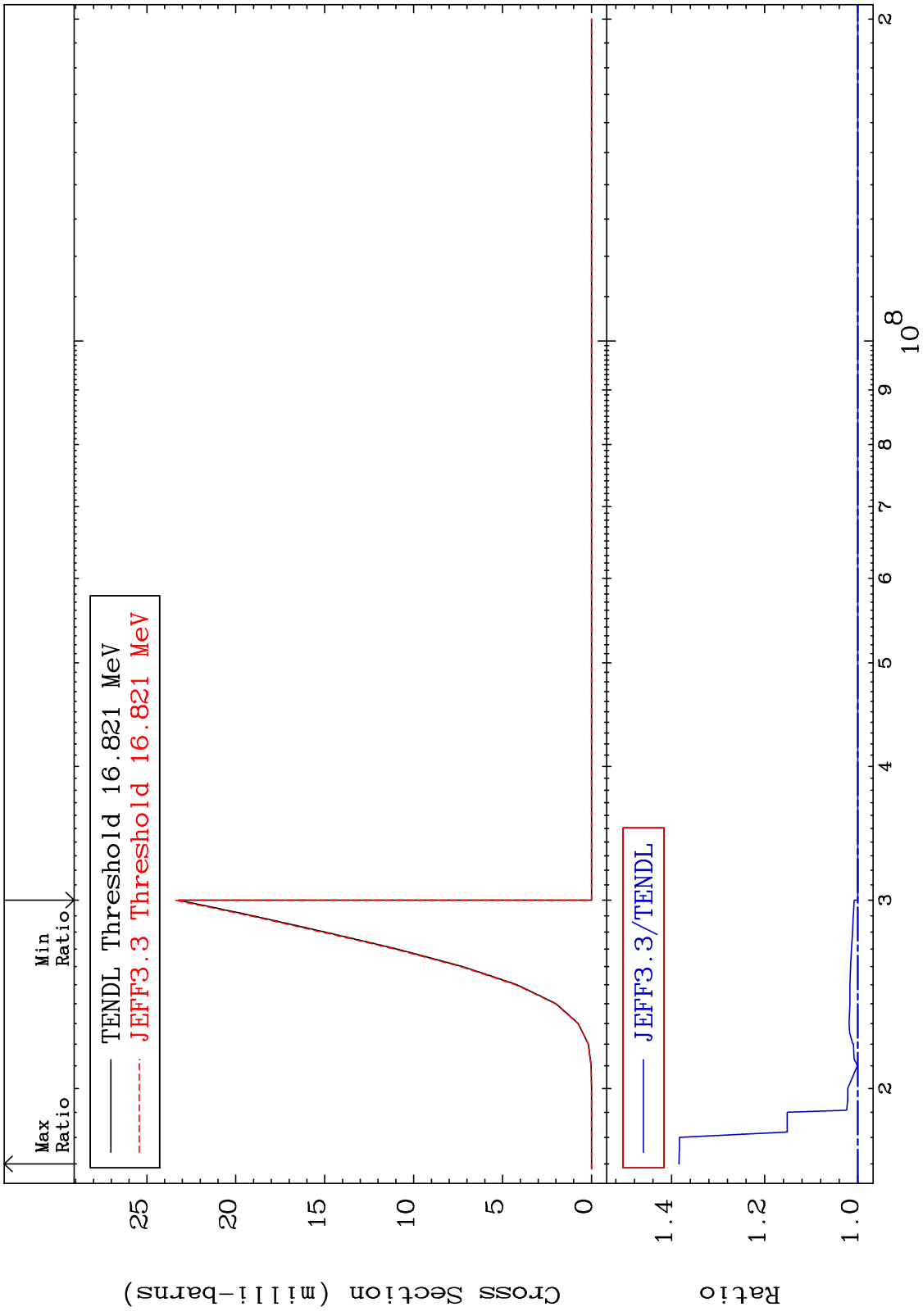
13-AI-26







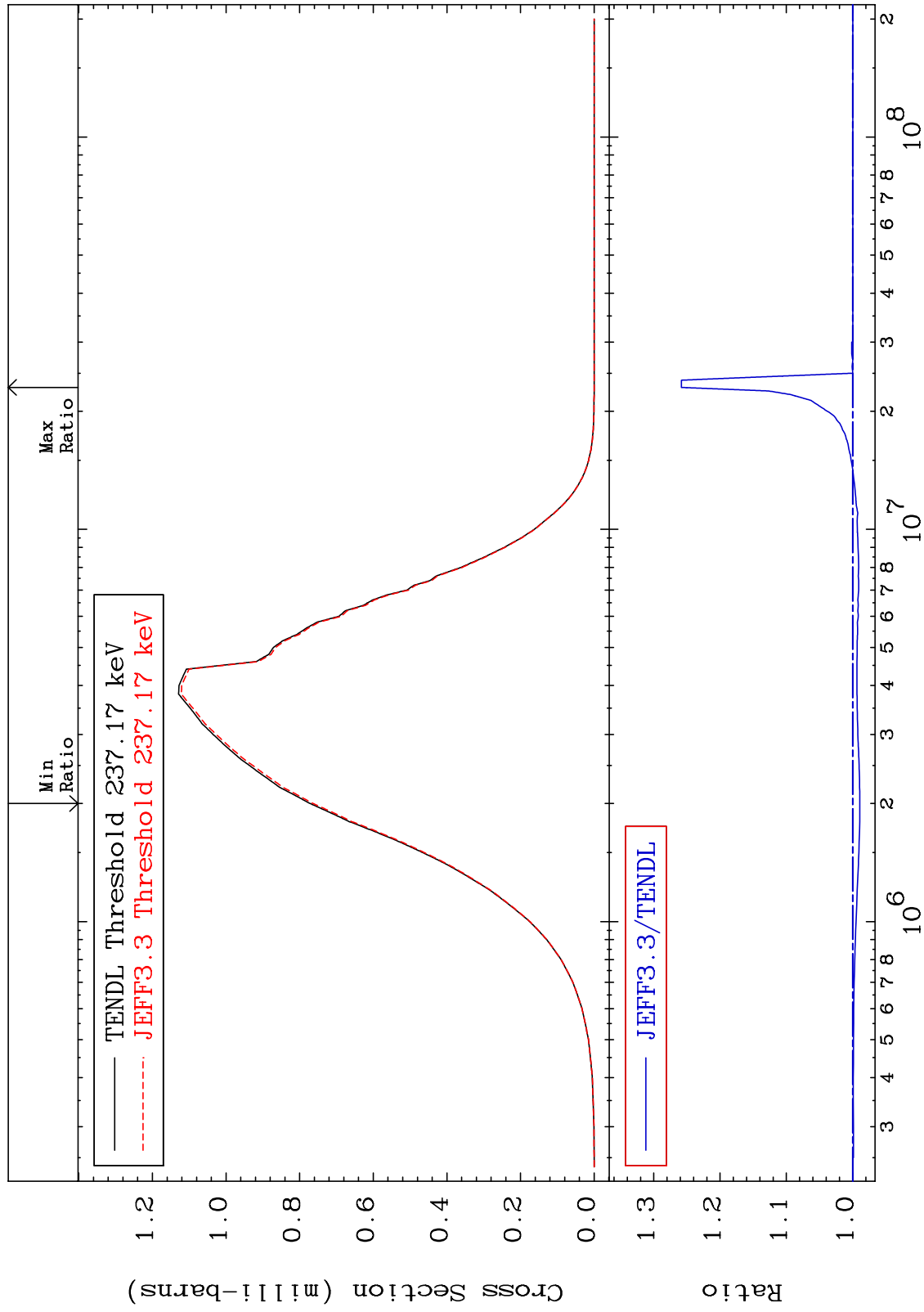
MAT 1322 (n,n') p α 13-Al-26 To 38.41 %
 Cross Section 0.000



MAT 1322

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

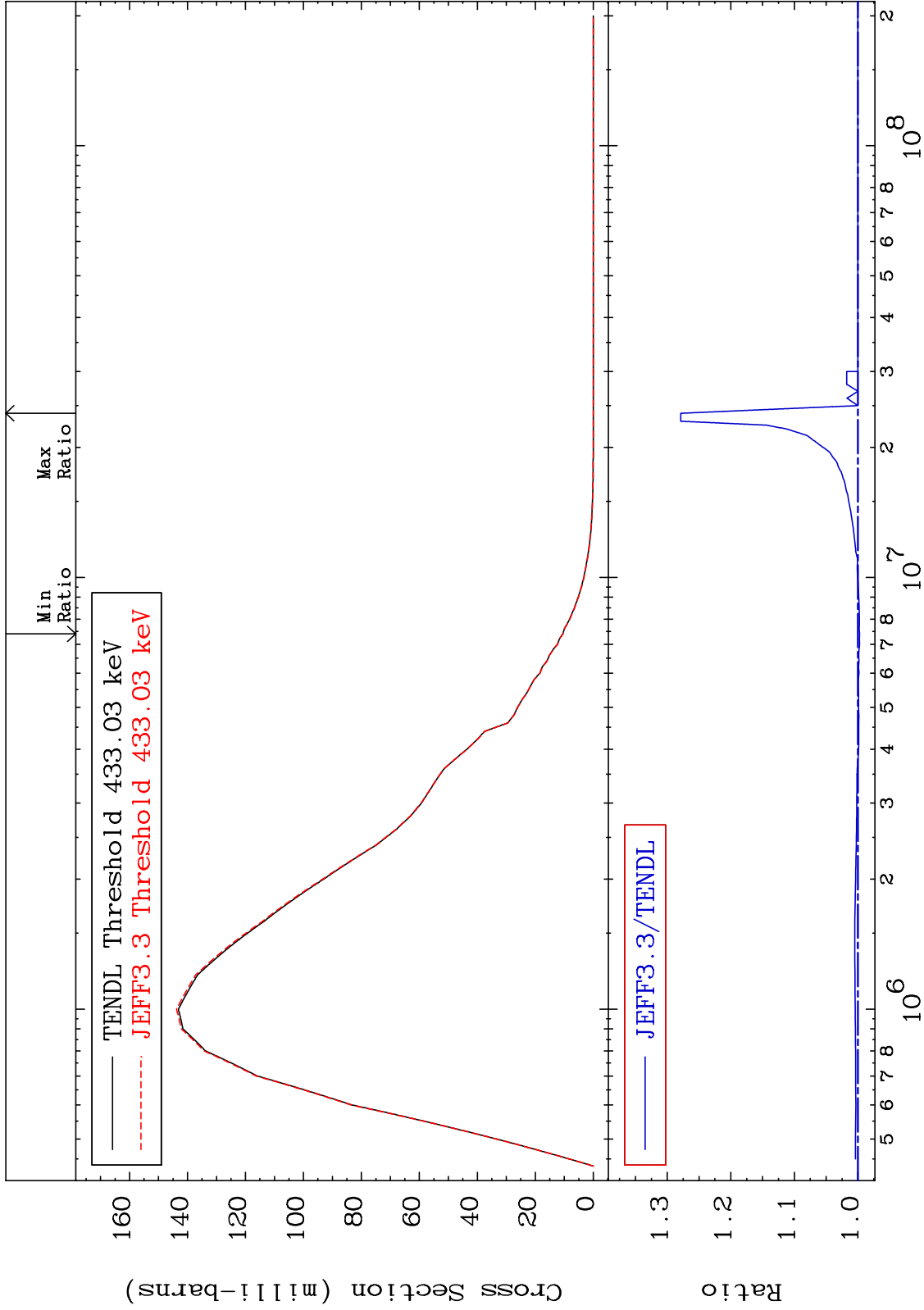
13-AI-26
-1.076 To 25.82 %



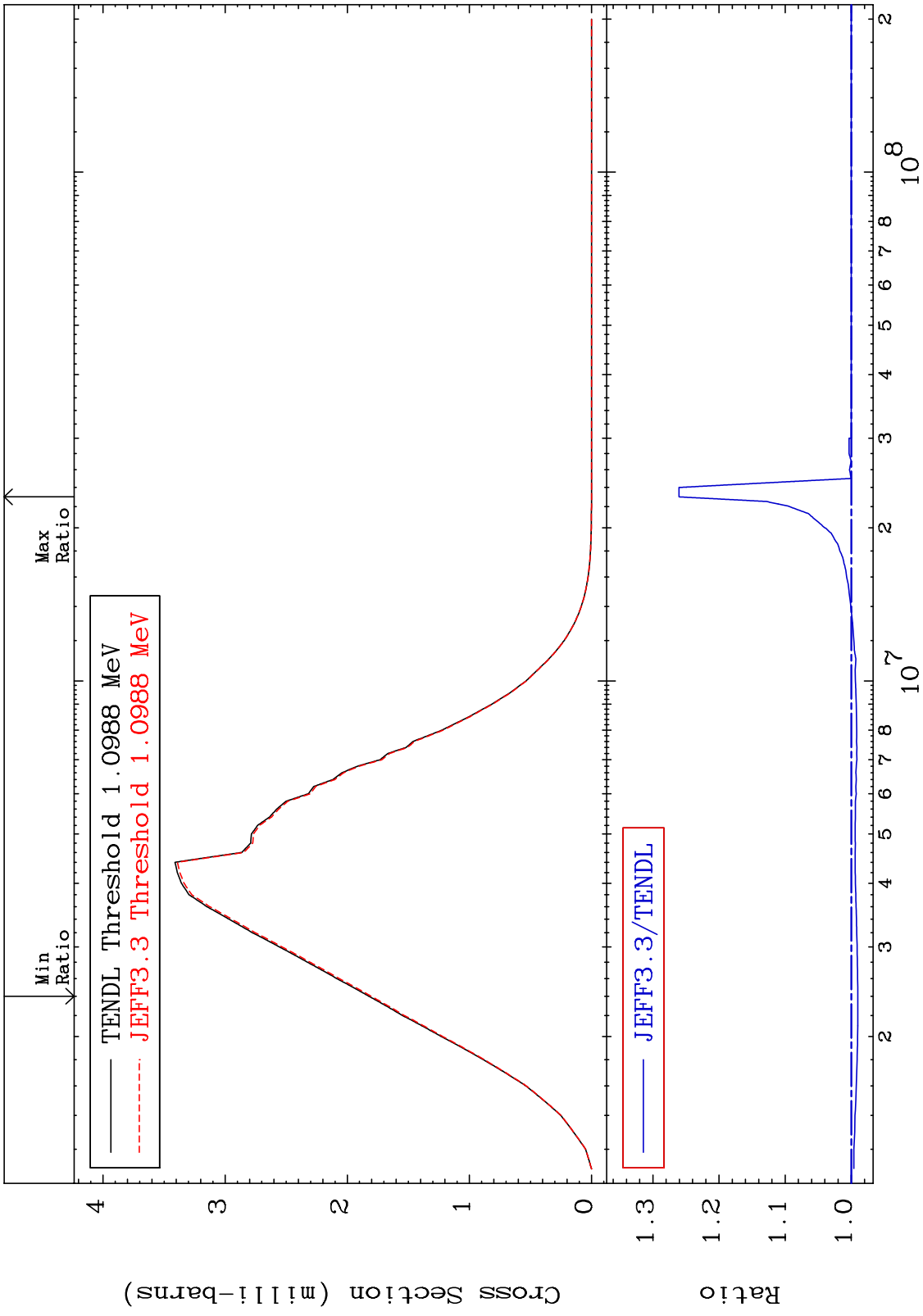
MAT 1322

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

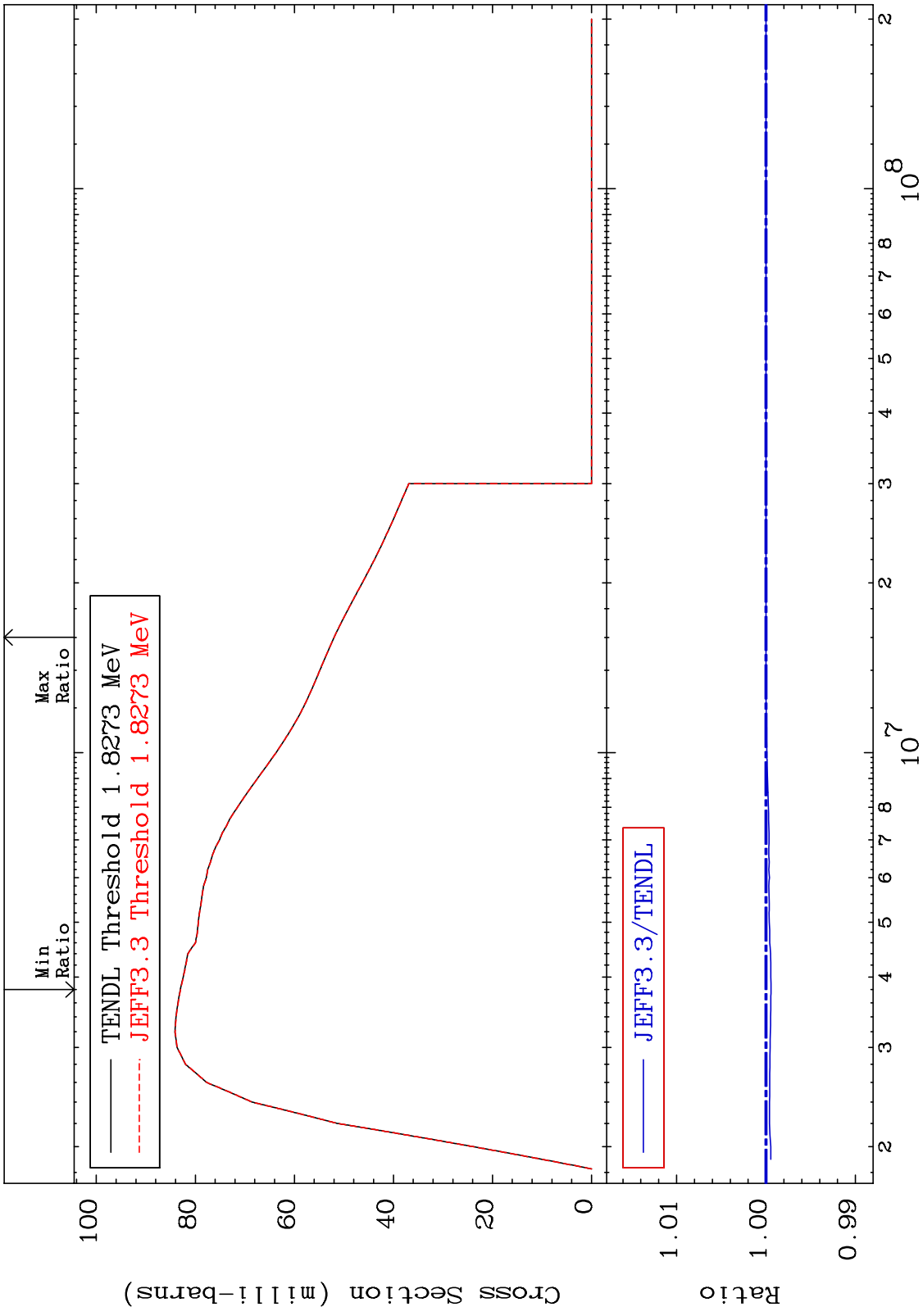
13-AI-26
-0.270 To 27.87 %



MAT 1322 MT= 53 (n,n') Level Cross Section -0.989 To 26.05 % 13-AI-26



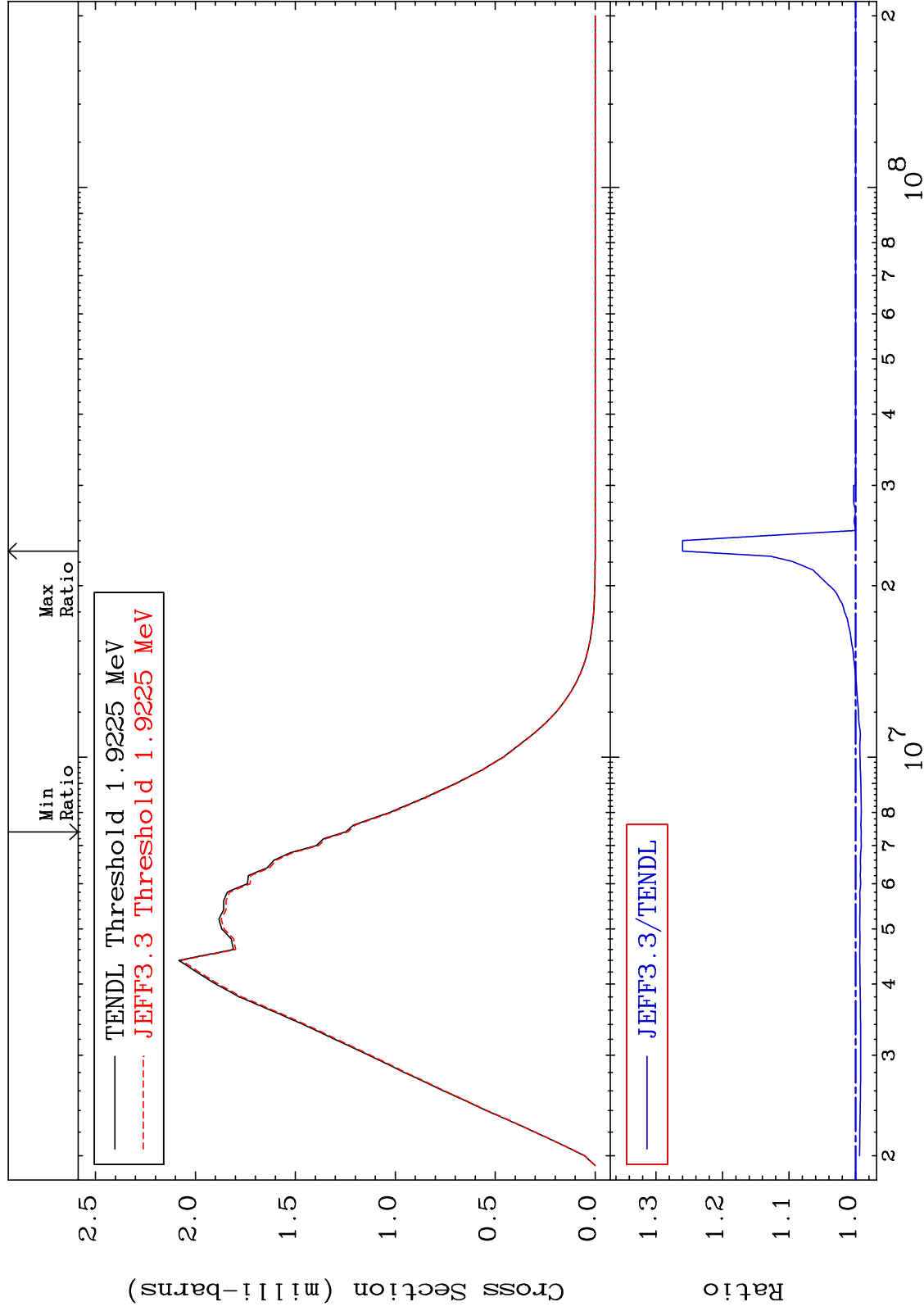
MAT 1322 MT= 54 (n,n') Level Cross Section -0.056 To 0.001 % 13-AI-26



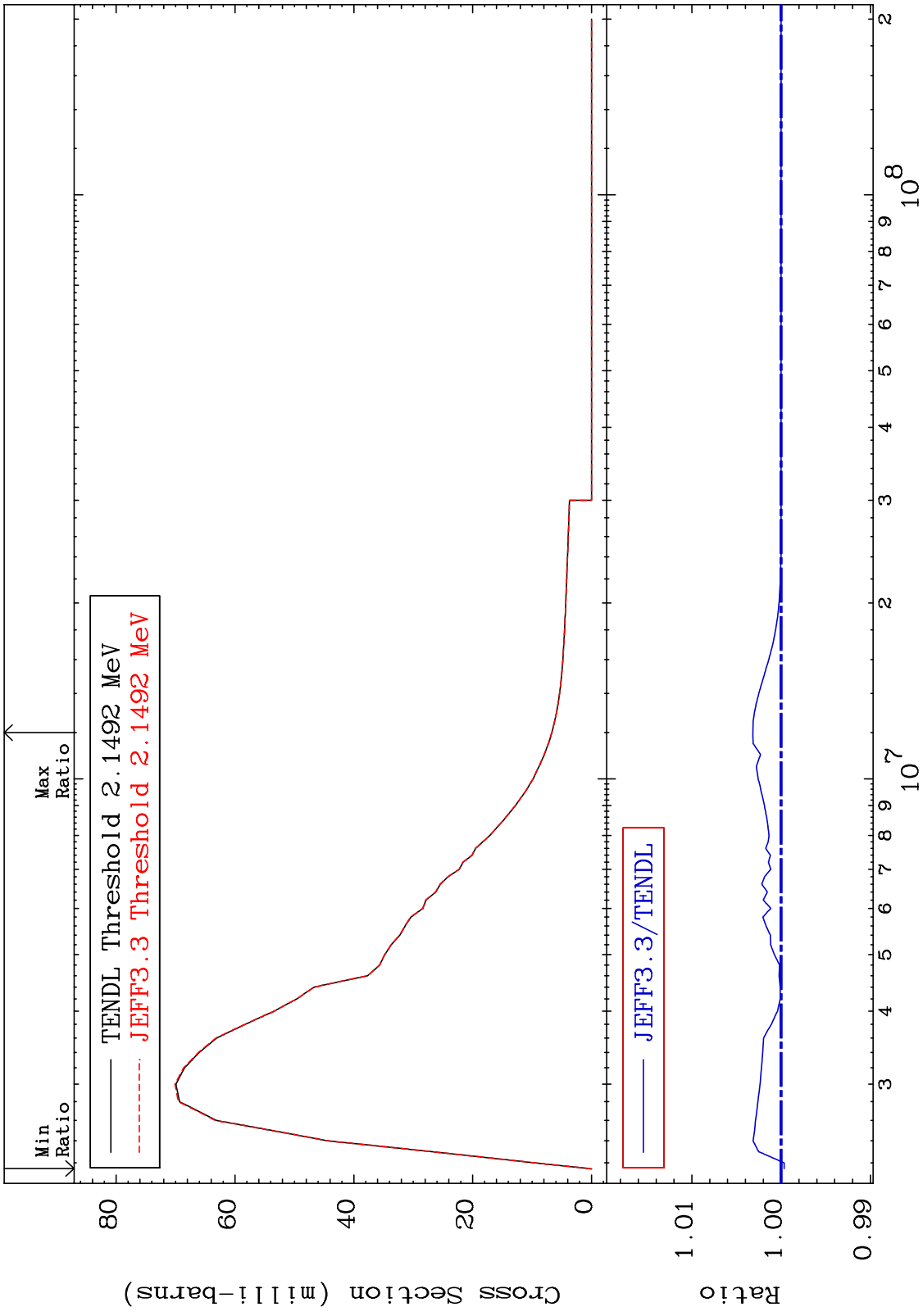
MAT 1322

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

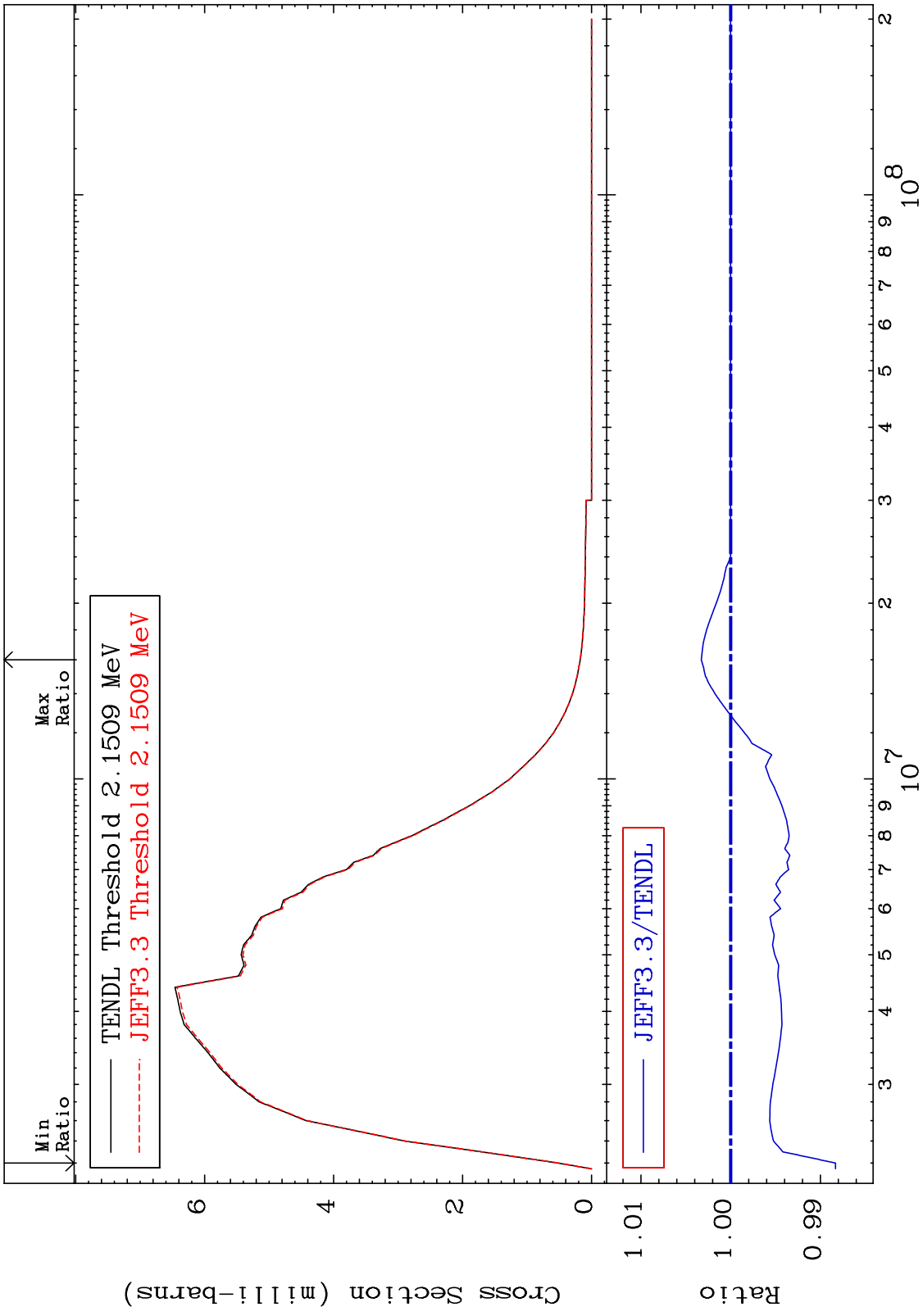
13-AI-26
-0.855 To 25.98 %



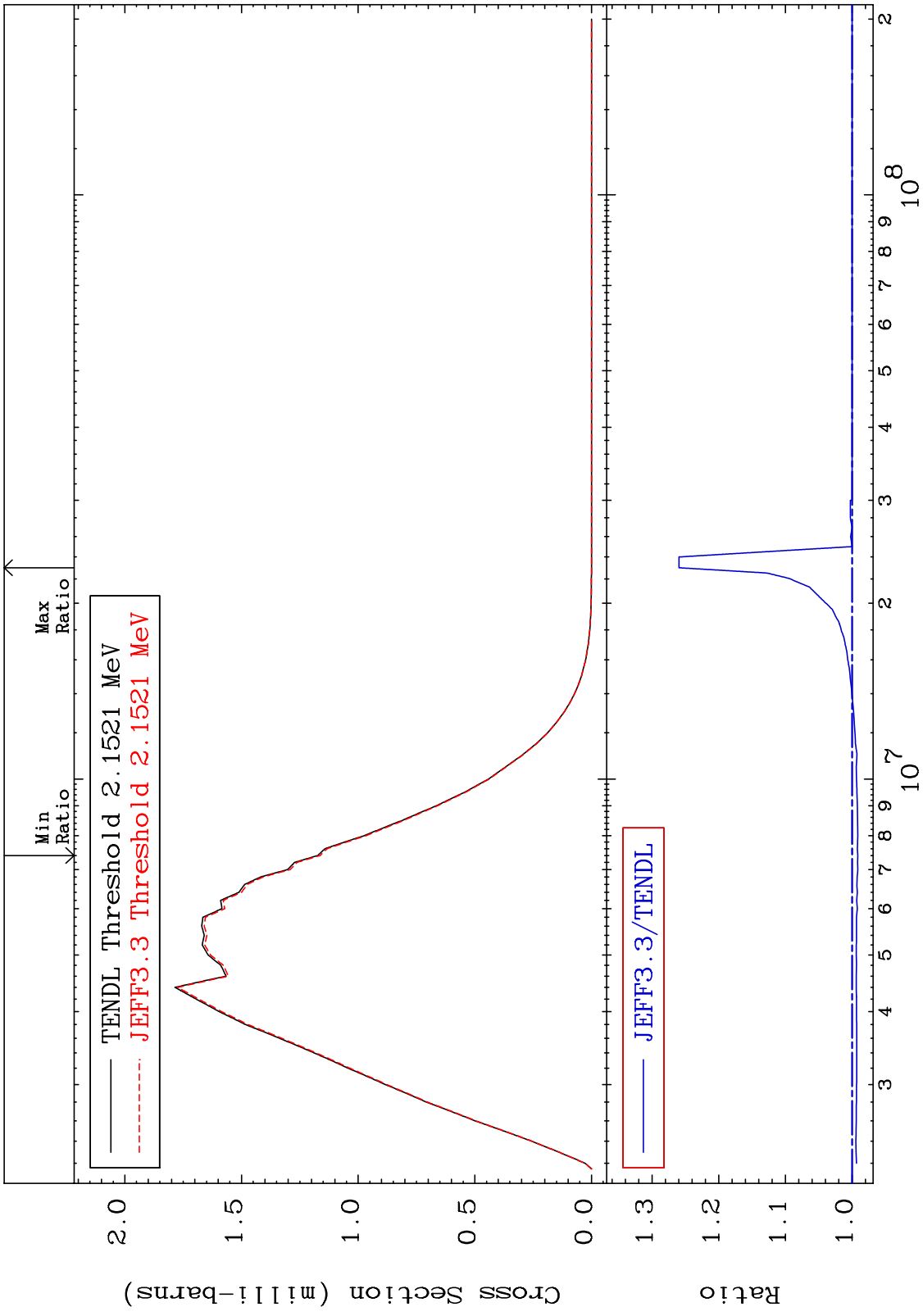
MAT 1322 MT= 56 (n,n') Level Cross Section 13-AI-26
 -0.033 To 0.317 %



MAT 1322 MT= 57 (n,n') Level Cross Section -1.169 To 0.327 % 13-AI-26



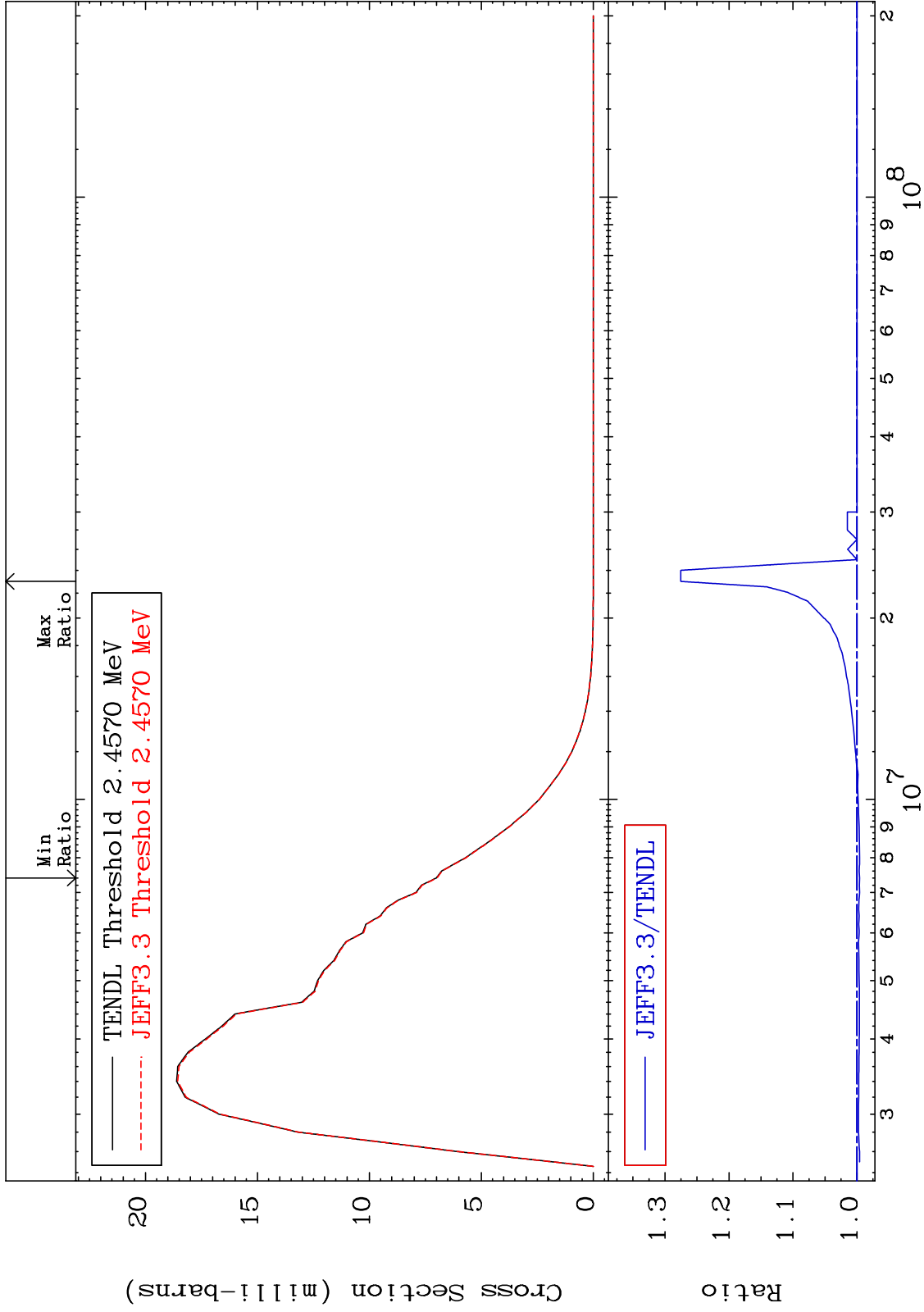
MAT 1322 MT= 58 (n,n') Level Cross Section -0.858 To 25.97 % 13-AI-26



MAT 1322

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

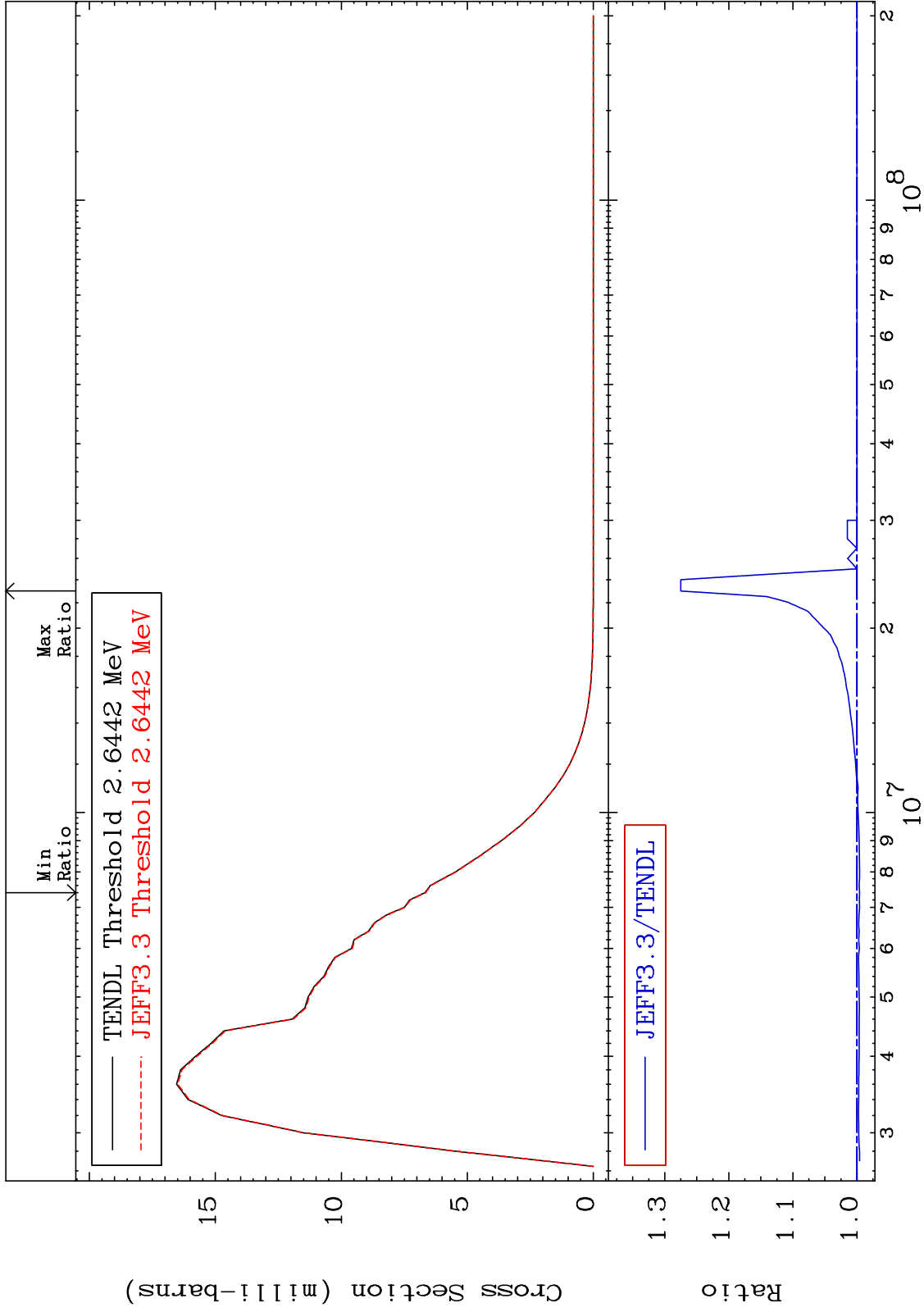
13-AI-26
-0.410 To 27.52 %



MAT 1322

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

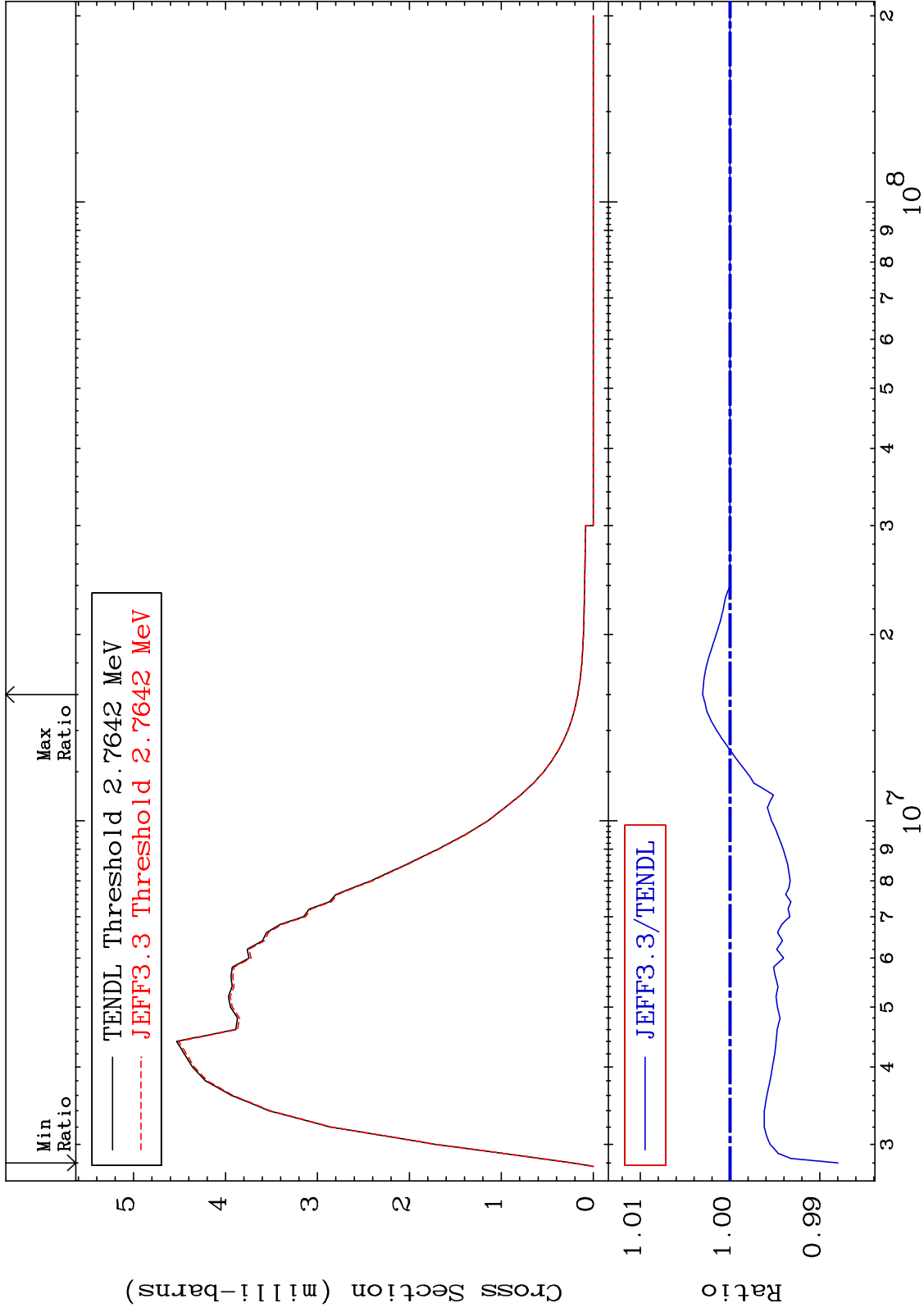
13-AI-26
-0.424 To 27.49 %



MAT 1322

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

13-AI-26
-1.200 To 0.305 %



27

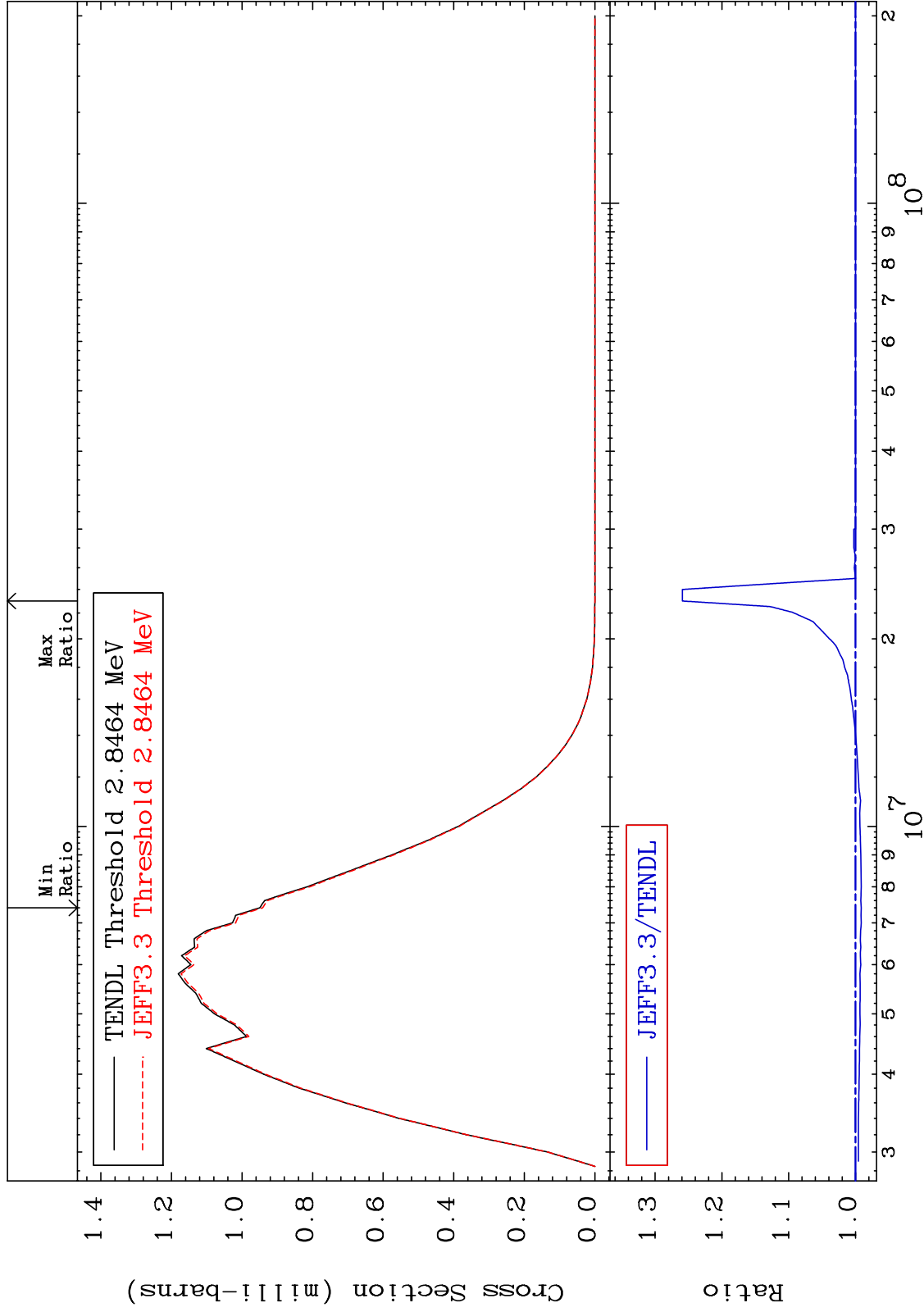
Incident Energy (eV)

13-AI-26

MAT 1322

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

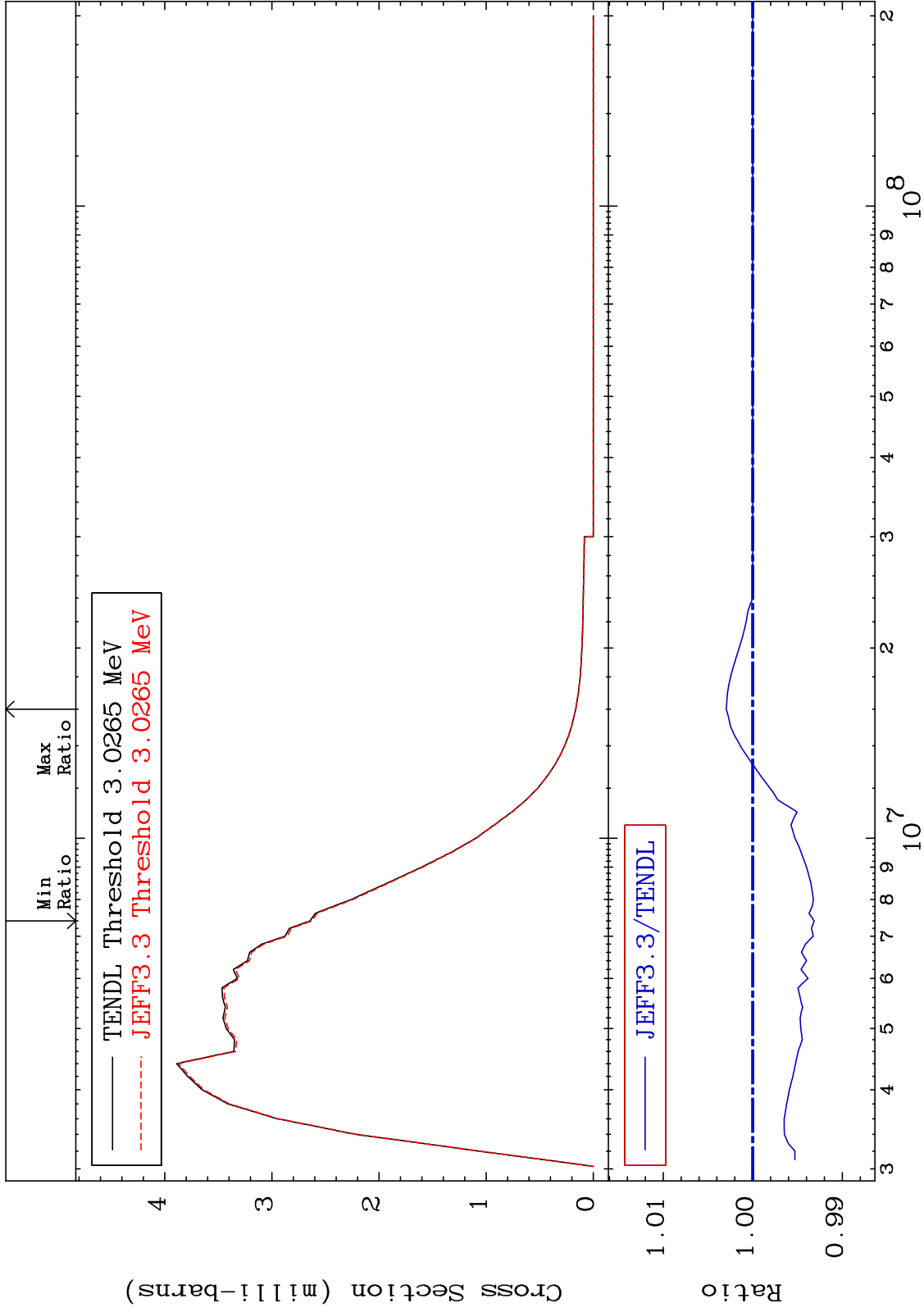
13-AI-26
-0.867 To 25.91 %



MAT 1322

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

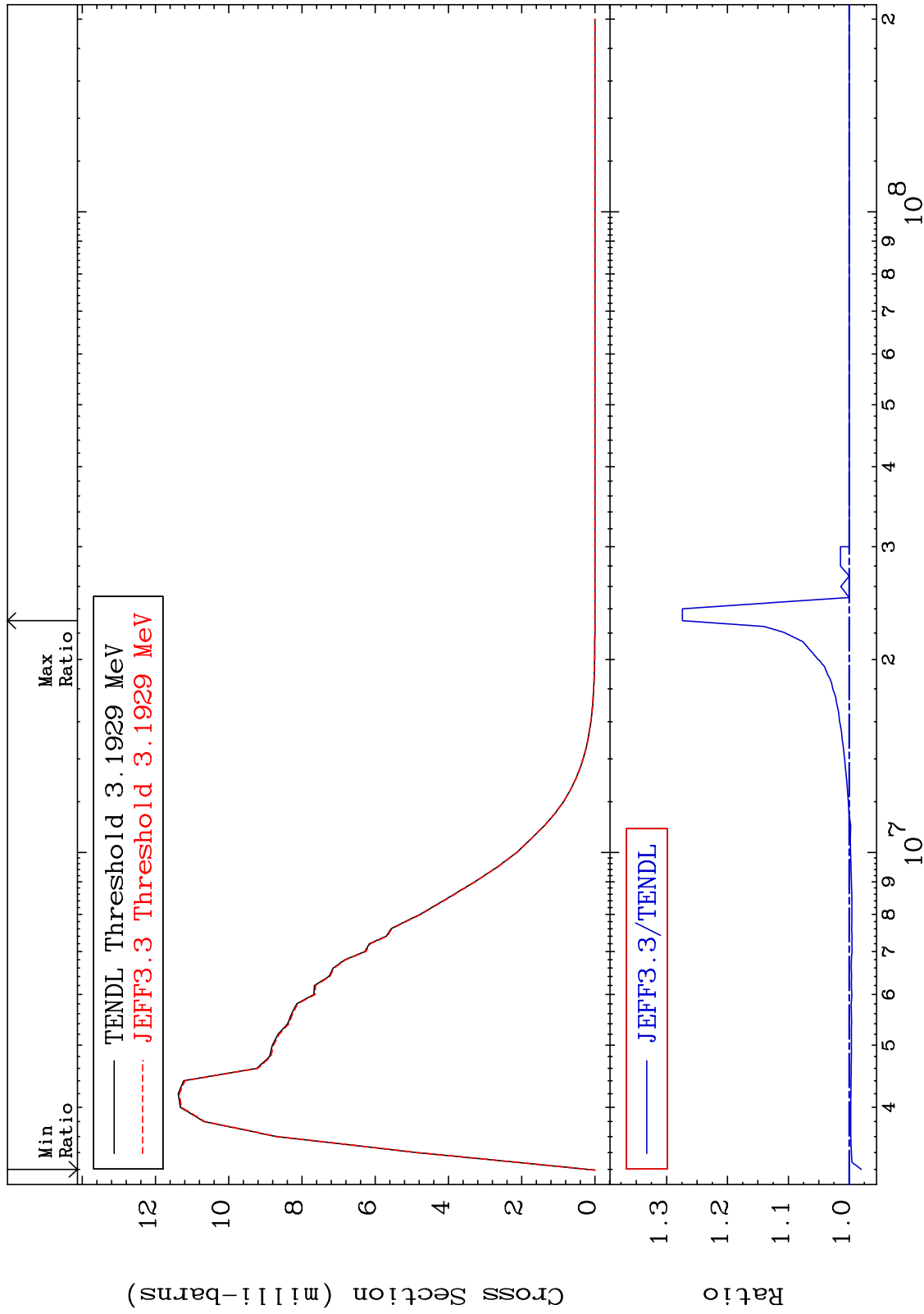
13-AI-26
-0.686 To 0.296 %



MAT 1322

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

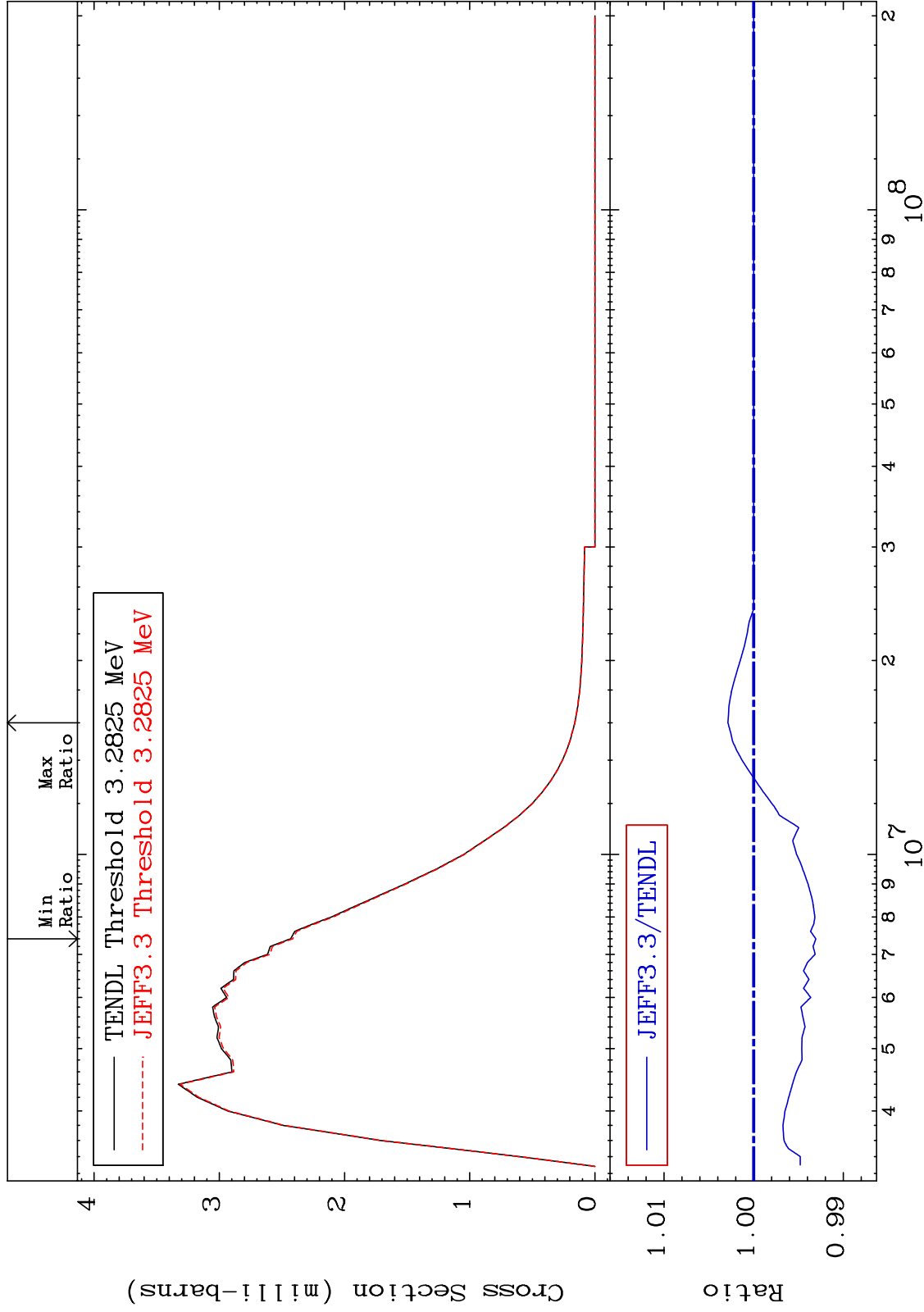
13-AI-26
-1.993 To 27.40 %



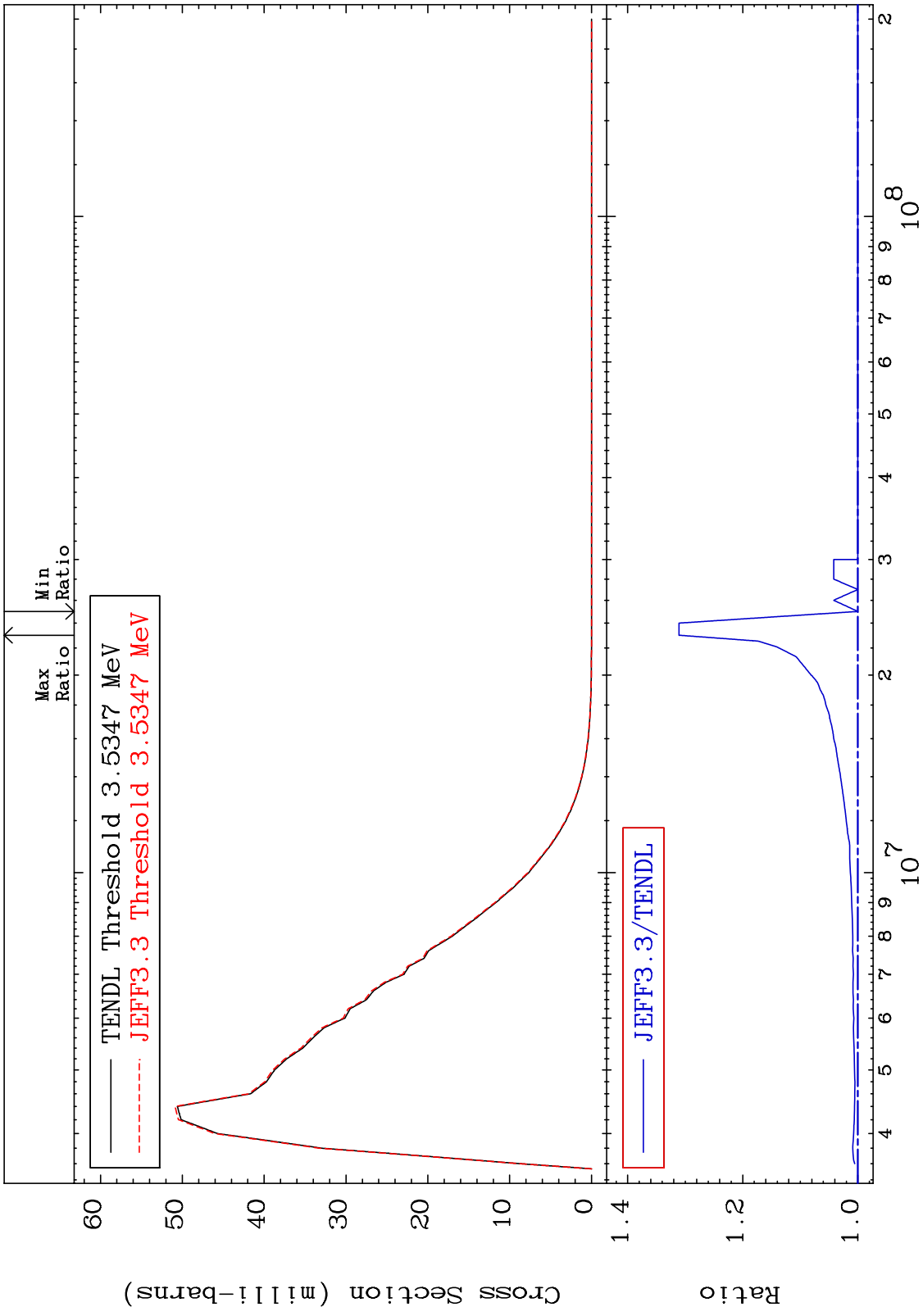
MAT 1322

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

13-AI-26
-0.694 To 0.287 %



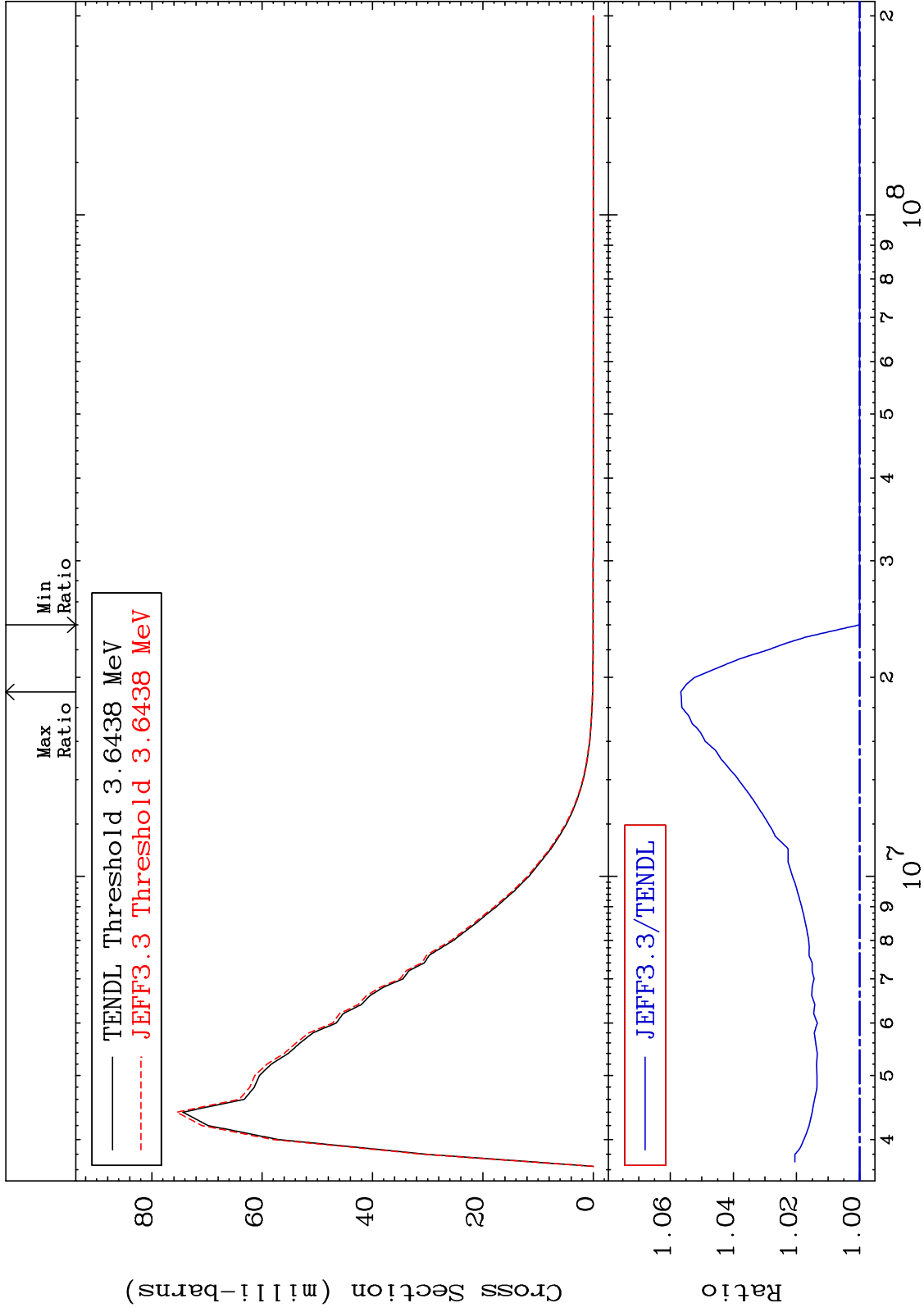
MAT 1322 MT= 66 (n,n') Level Cross Section 0.000 To 31.07 % 13-AI-26



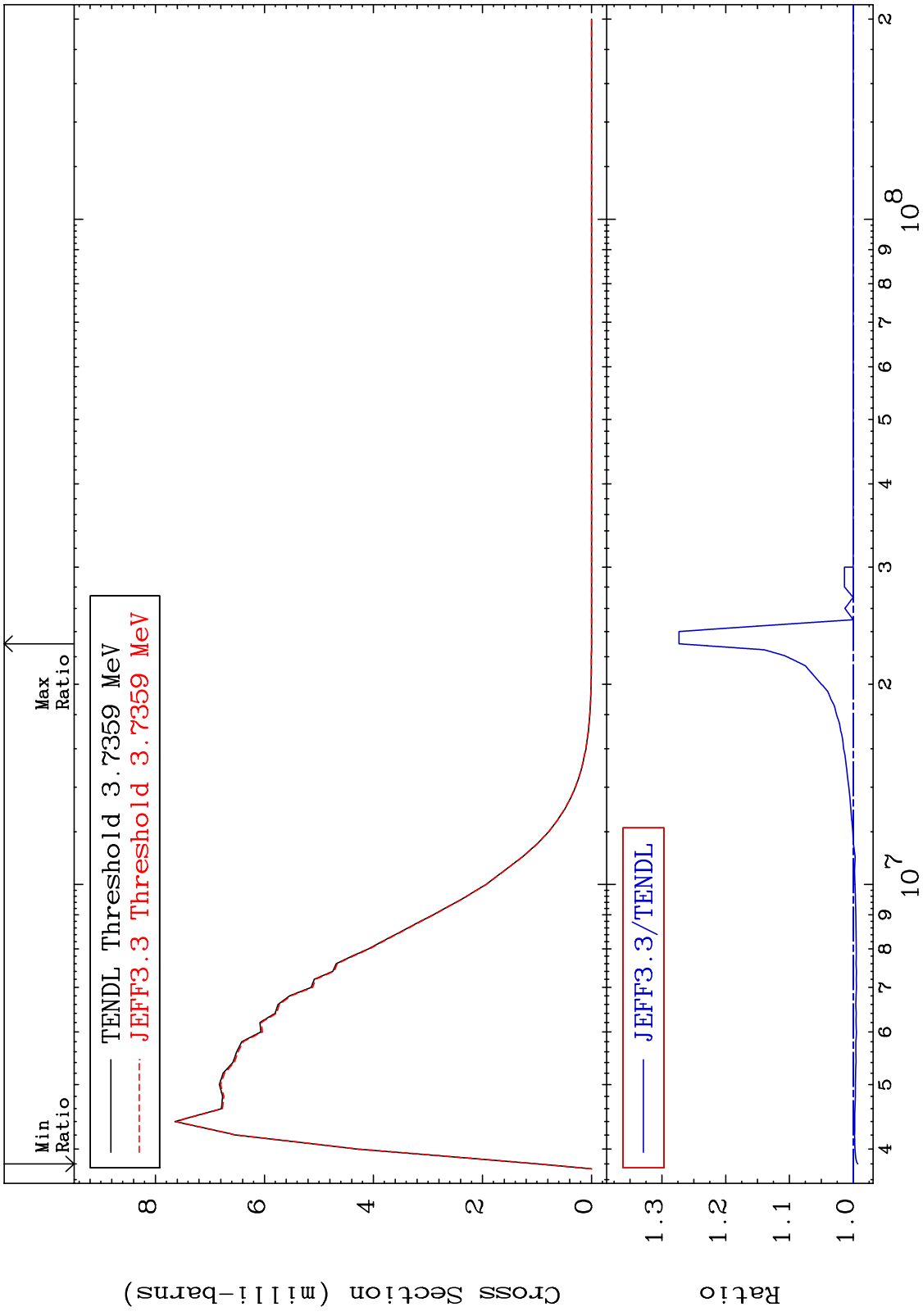
MAT 1322

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

0.000 To 5.666 %
13-AI-26



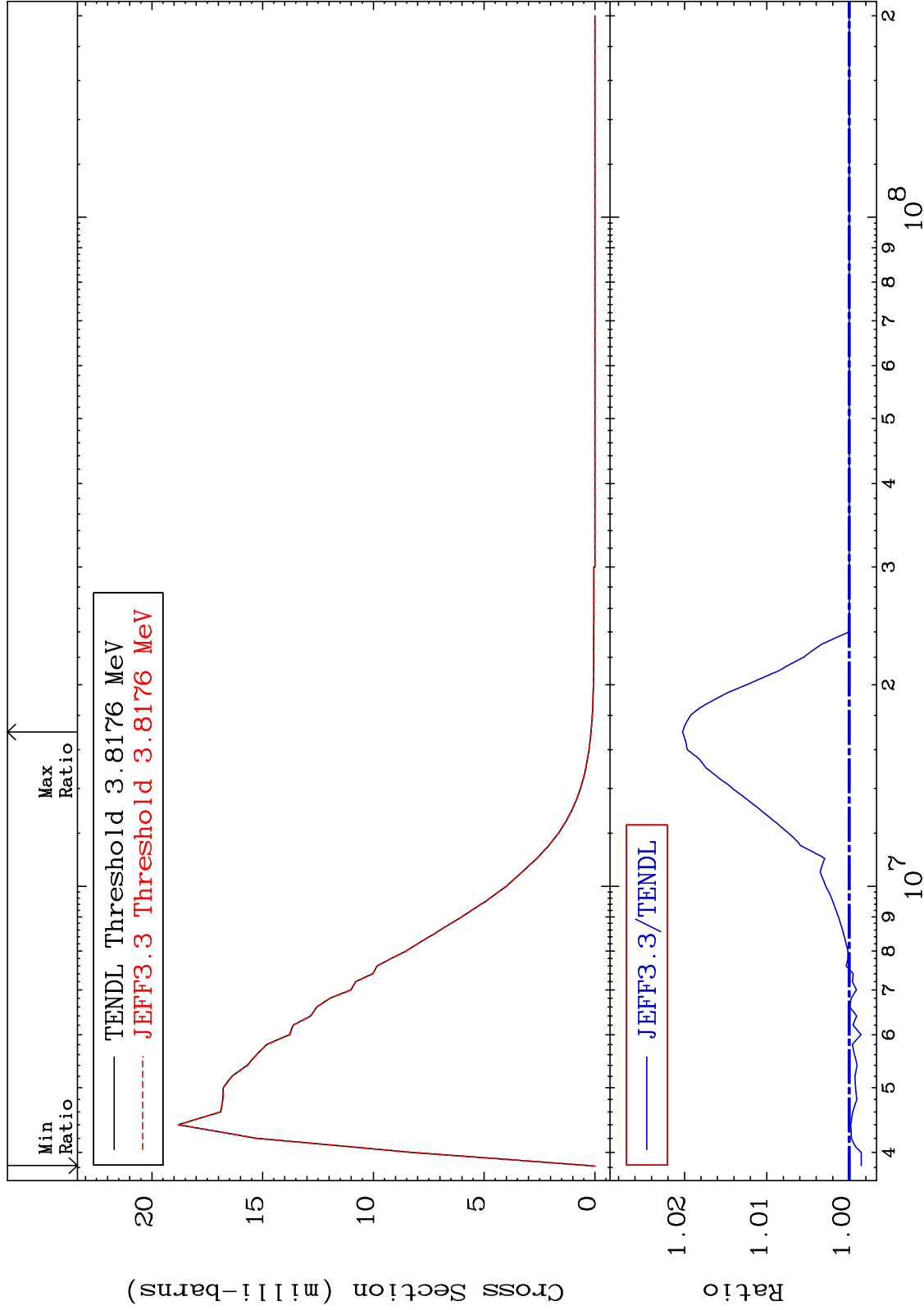
MAT 1322 MT= 68 (n,n') Level Cross Section 13-AI-26
 -0.725 To 27.31 %



MAT 1322

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

13-AI-26
-0.146 To 2.024 %



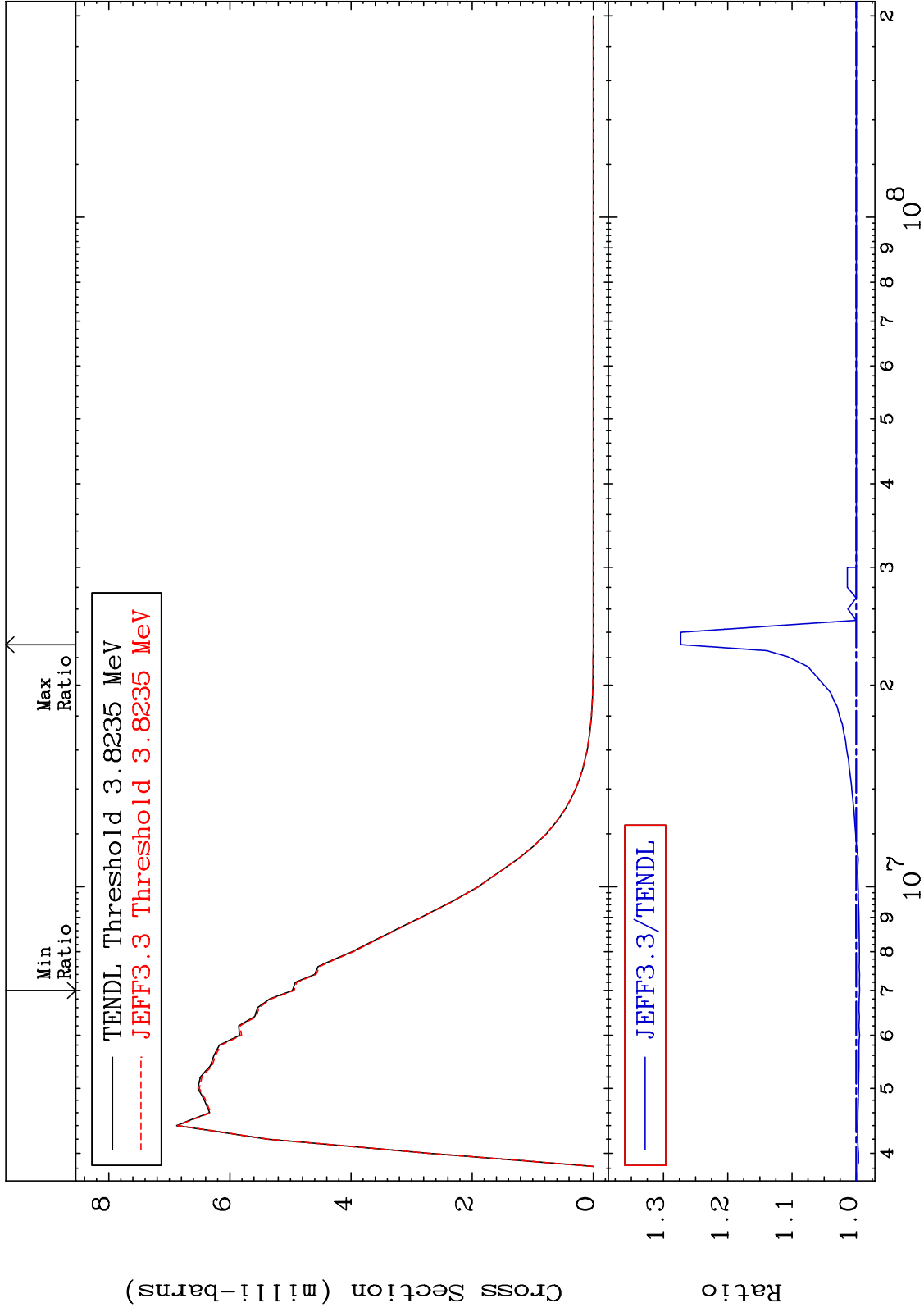
35

13-AI-26

MAT 1322

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

13-AI-26
-0.534 To 27.30 %



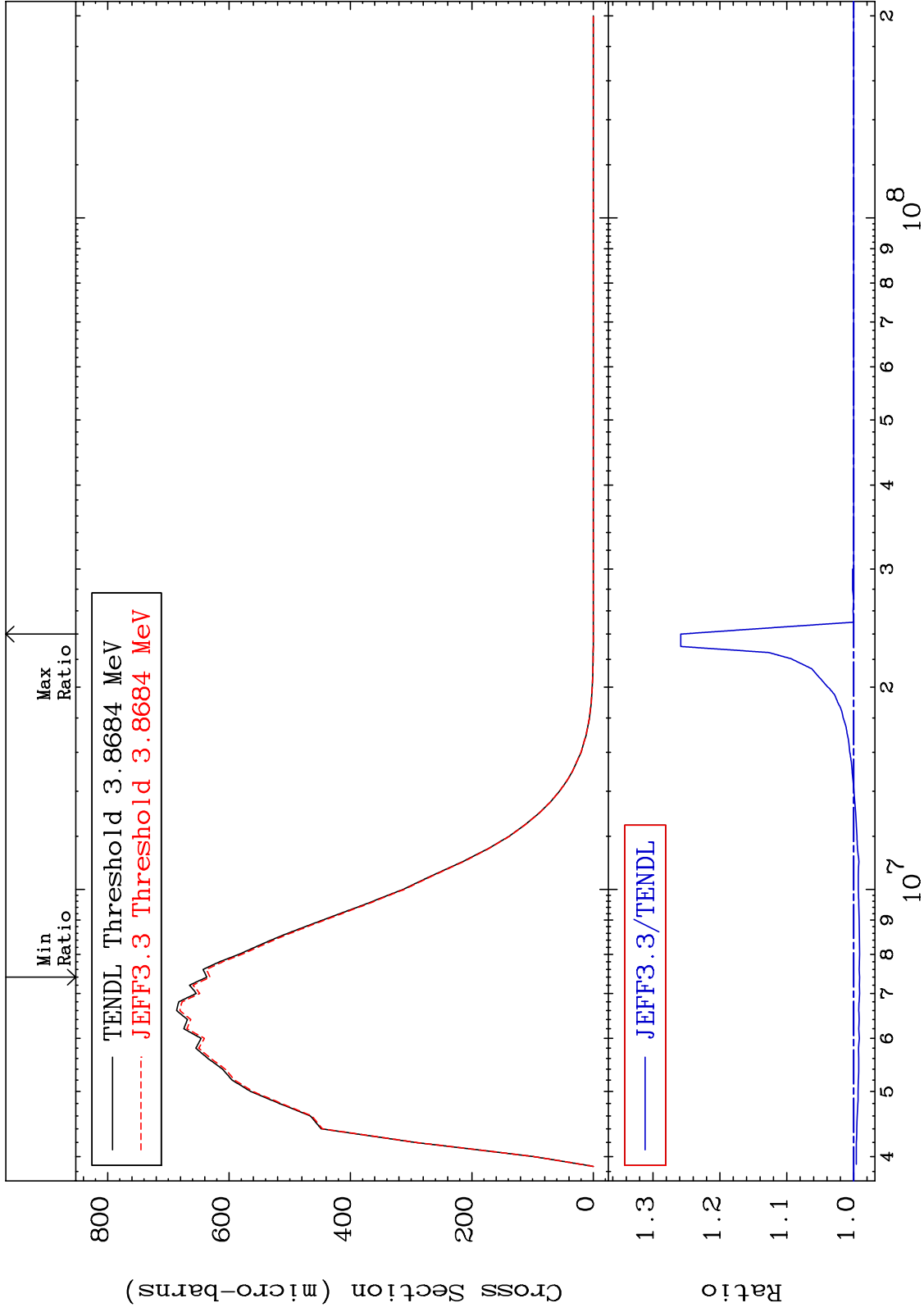
36

13-AI-26

MAT 1322

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

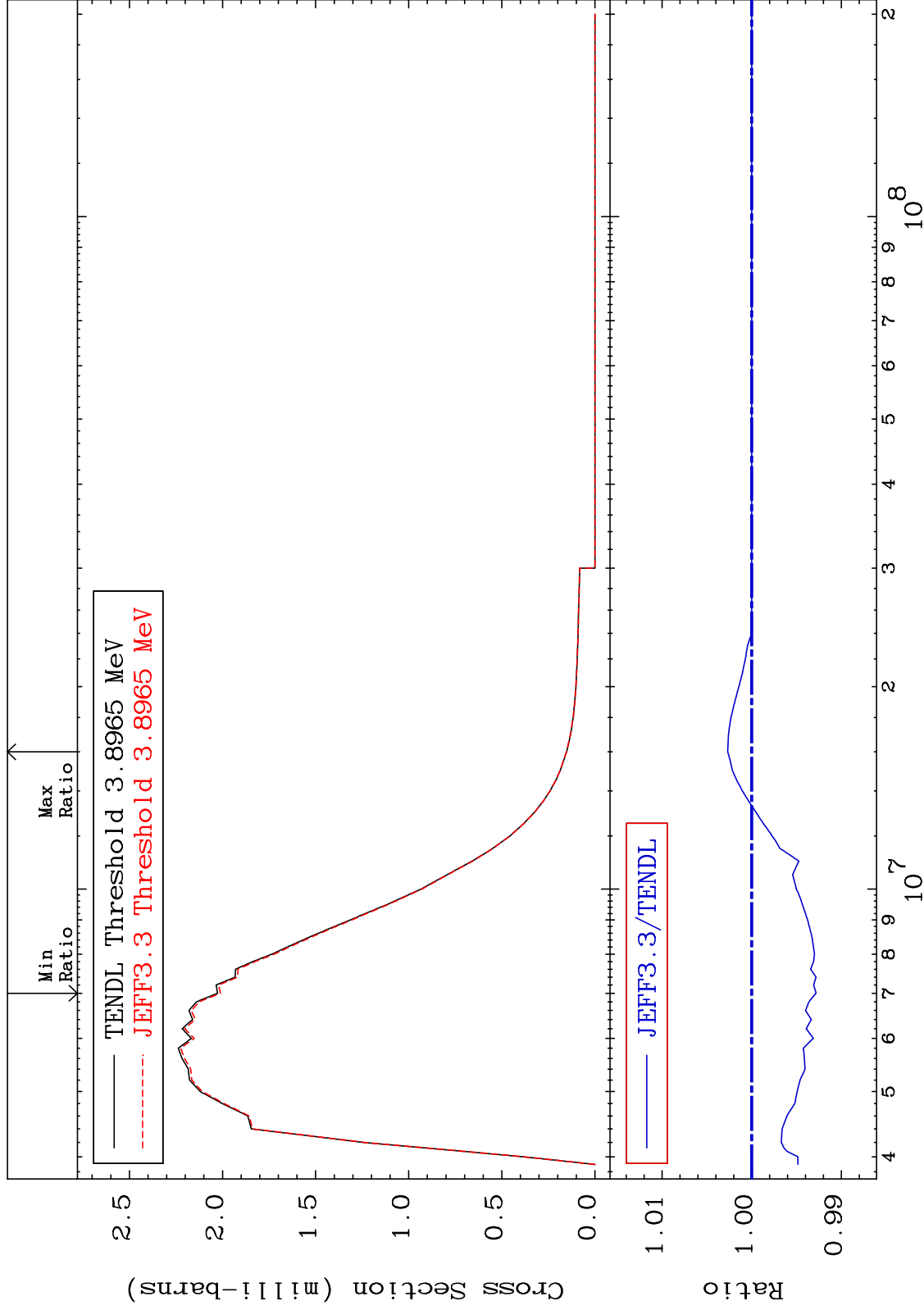
13-AI-26
-0.883 To 25.84 %



MAT 1322

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

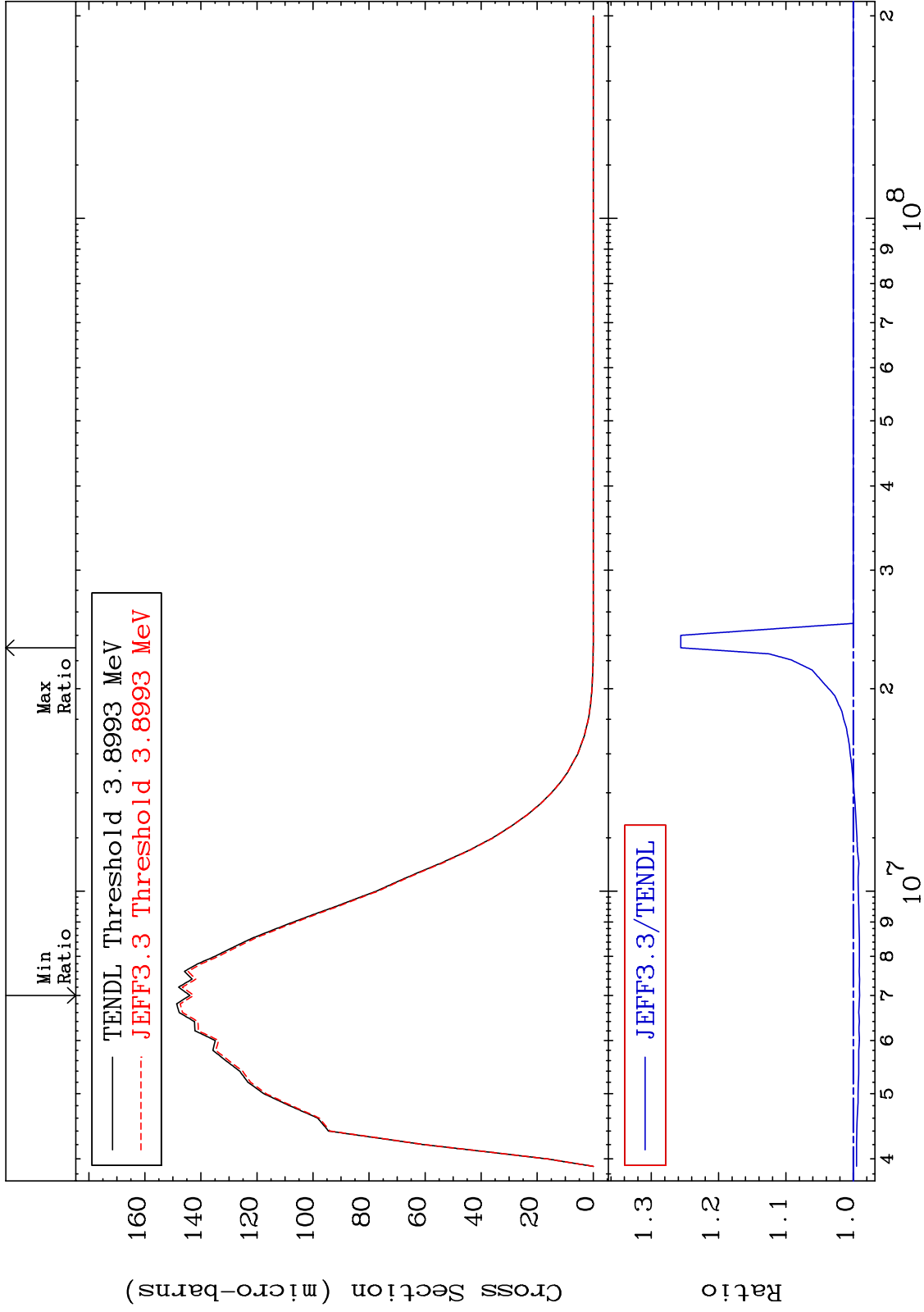
13-AI-26
-0.718 To 0.268 %



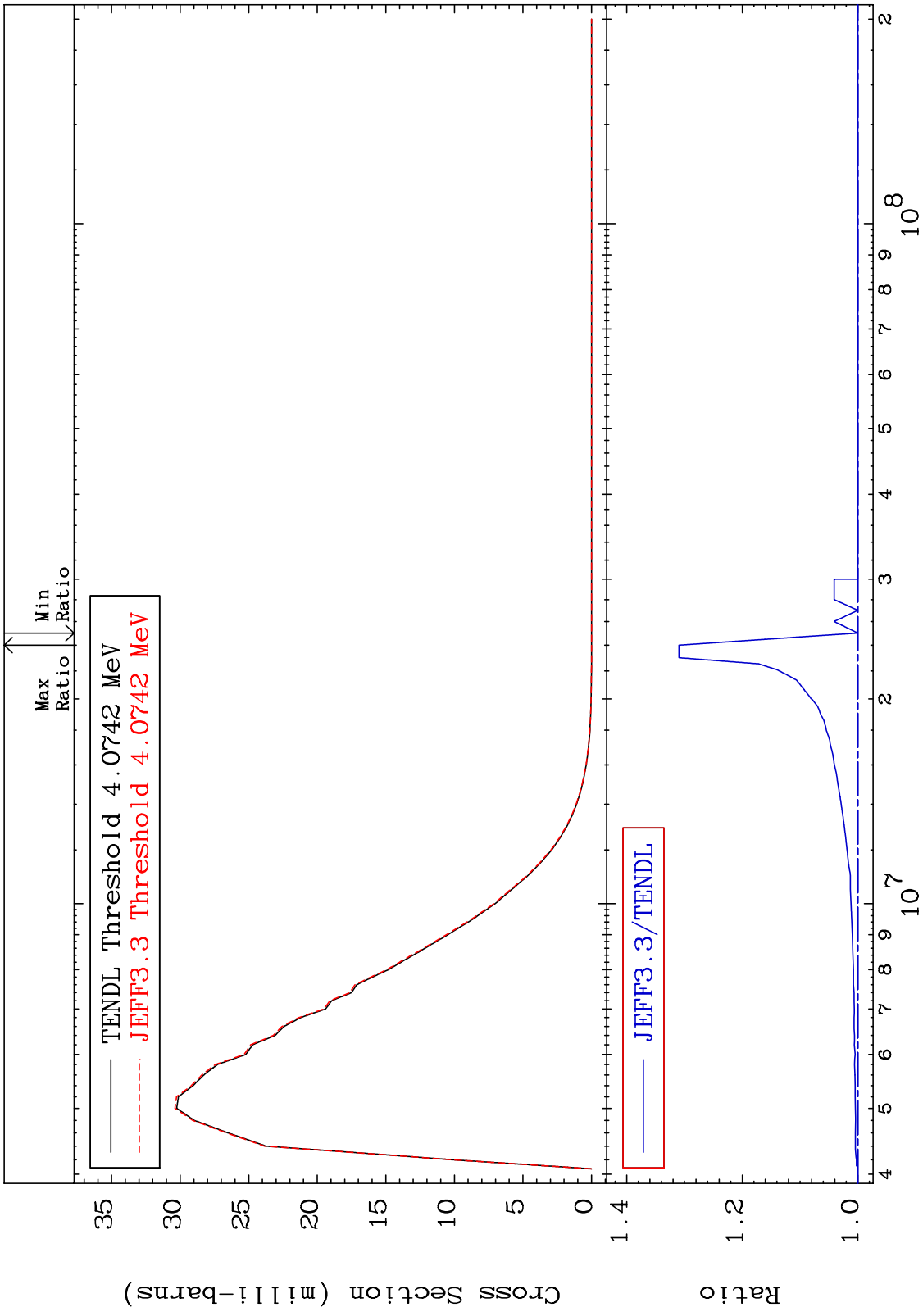
MAT 1322

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

13-AI-26
-0.945 To 25.62 %

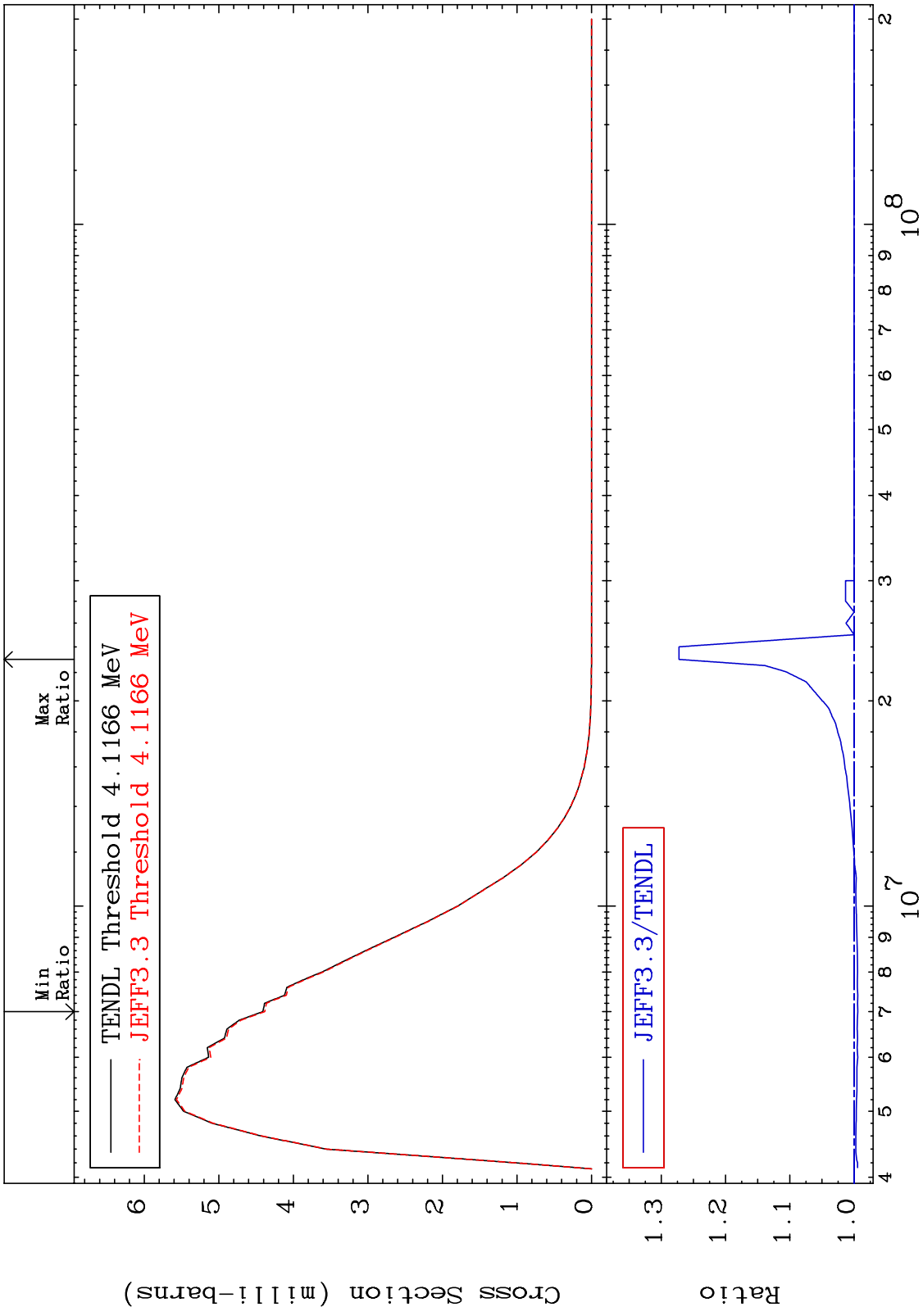


MAT 1322 MT= 74 (n,n') Level 13-AI-26
Cross Section 0.000 To 30.95 %

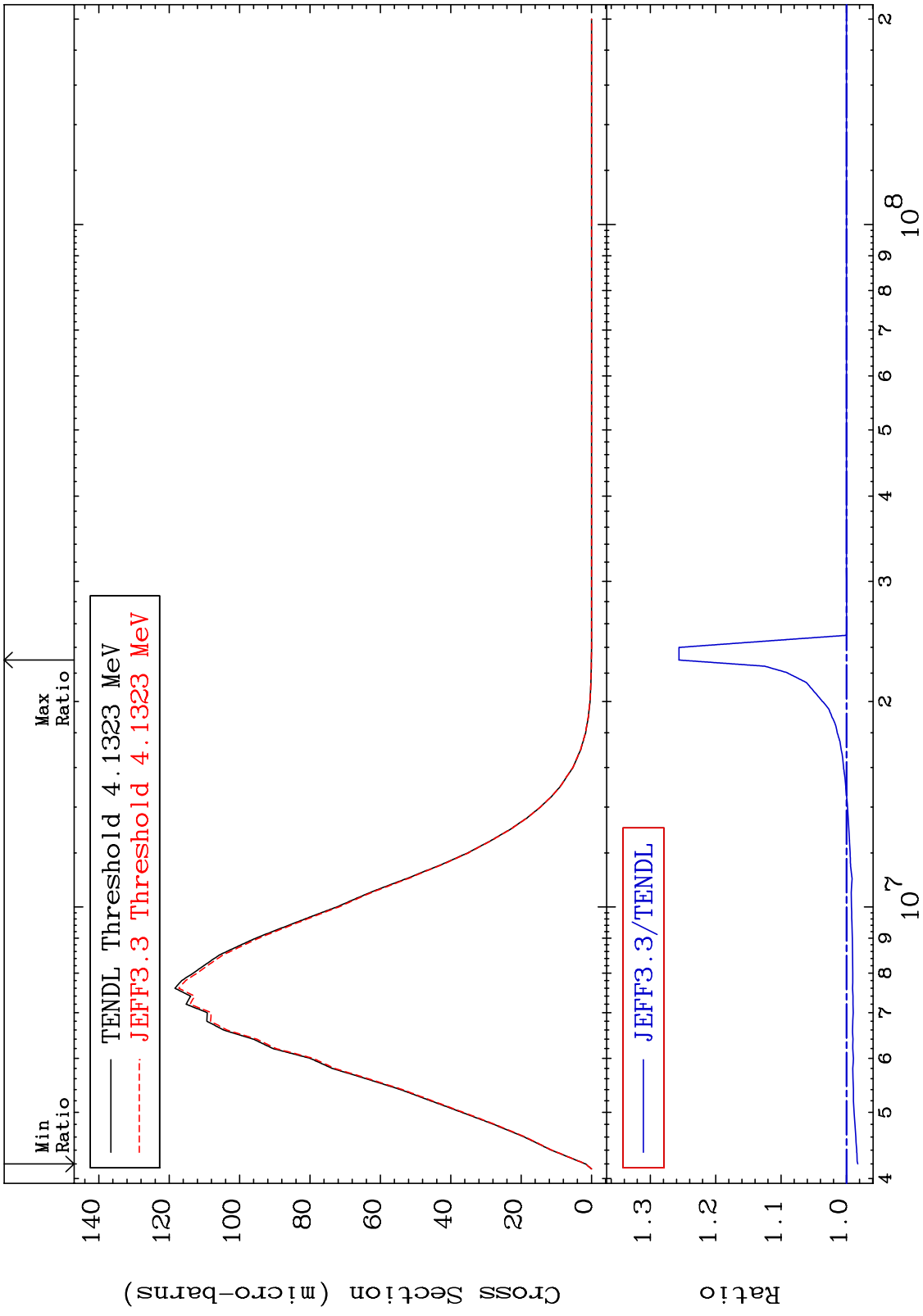


40 13-AI-26 Incident Energy (eV)

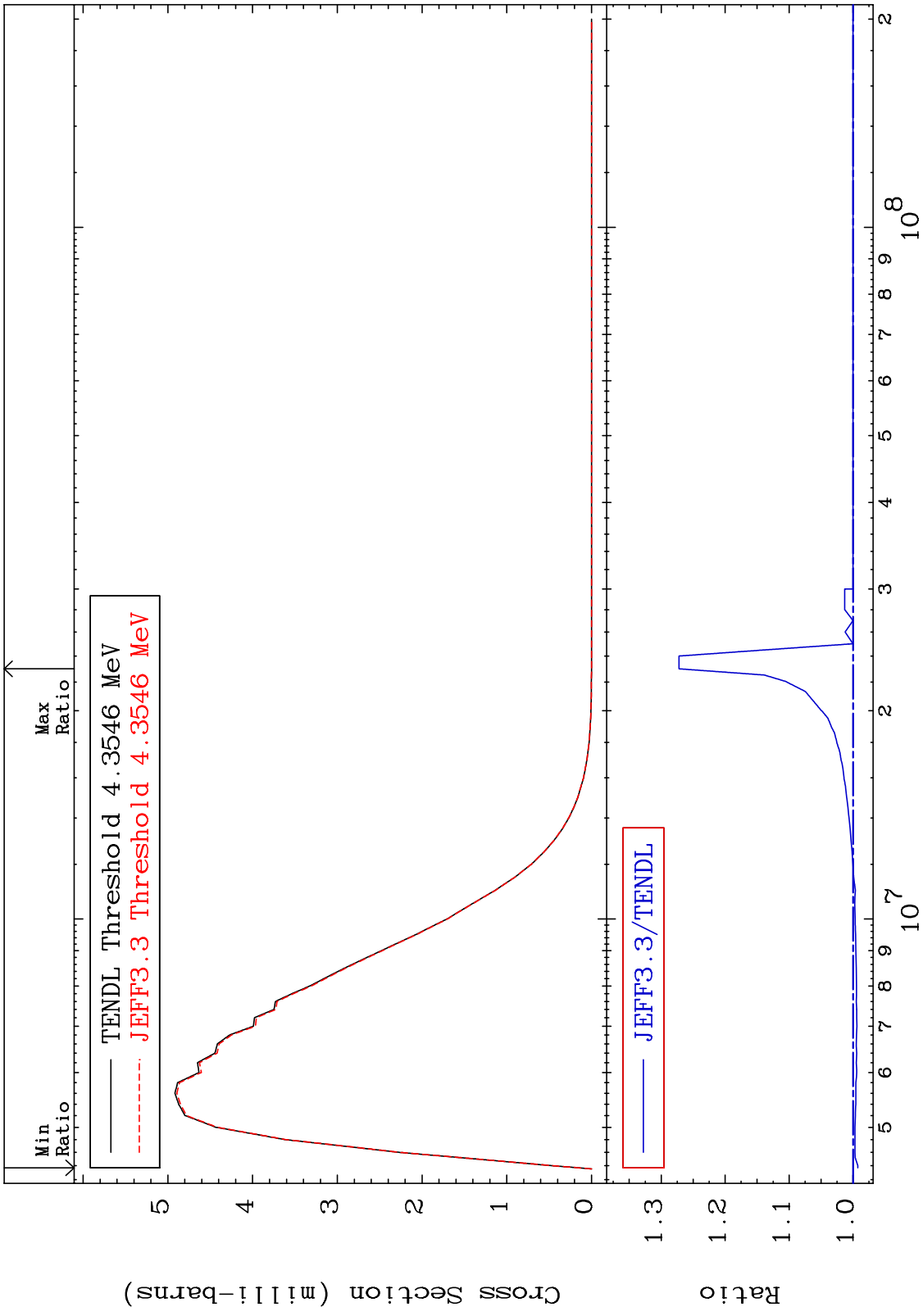
MAT 1322 MT= 75 (n,n') Level Cross Section 13-AI-26
 -0.572 To 27.25 %



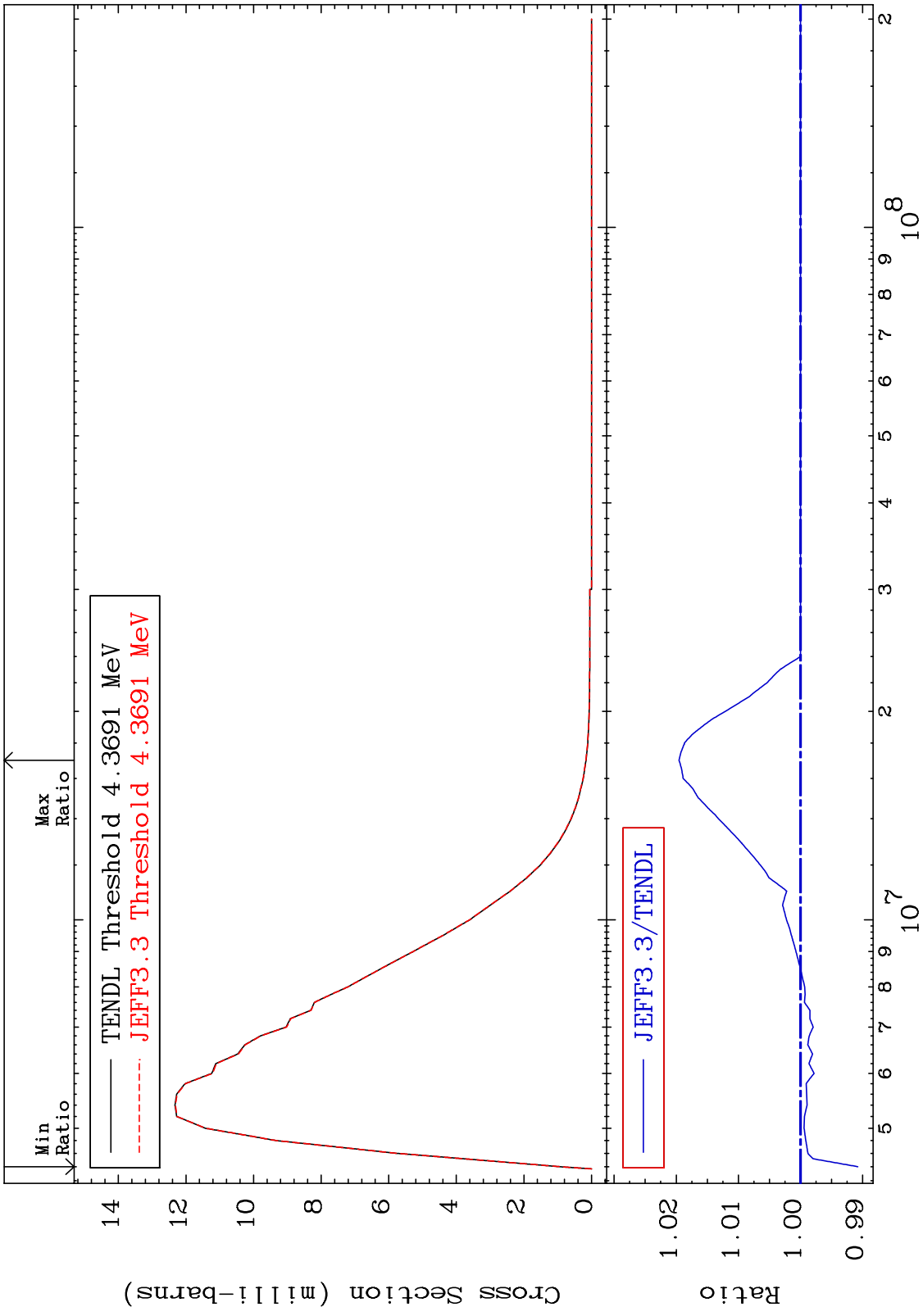
MAT 1322 MT= 76 (n,n') Level Cross Section -1.733 To 25.61 % 13-AI-26



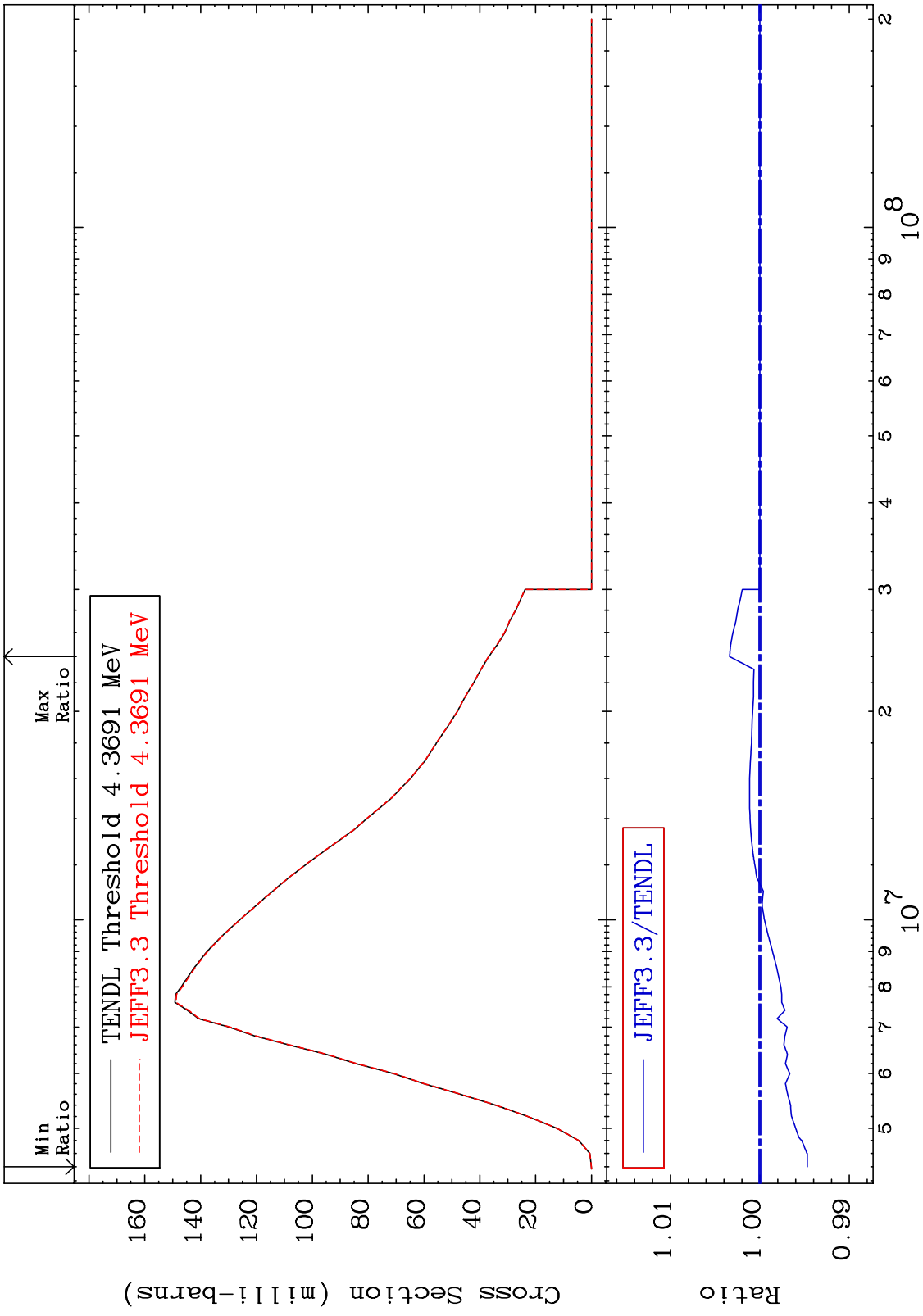
MAT 1322 MT= 77 (n,n') Level Cross Section 13-AI-26
 -0.751 To 27.21 %



MAT 1322 MT= 78 (n,n') Level Cross Section 13-AI-26
 -0.923 To 1.955 %



MAT 1322 (n,n') Continuum Cross Section 13-AI-26
 -0.531 To 0.339 %



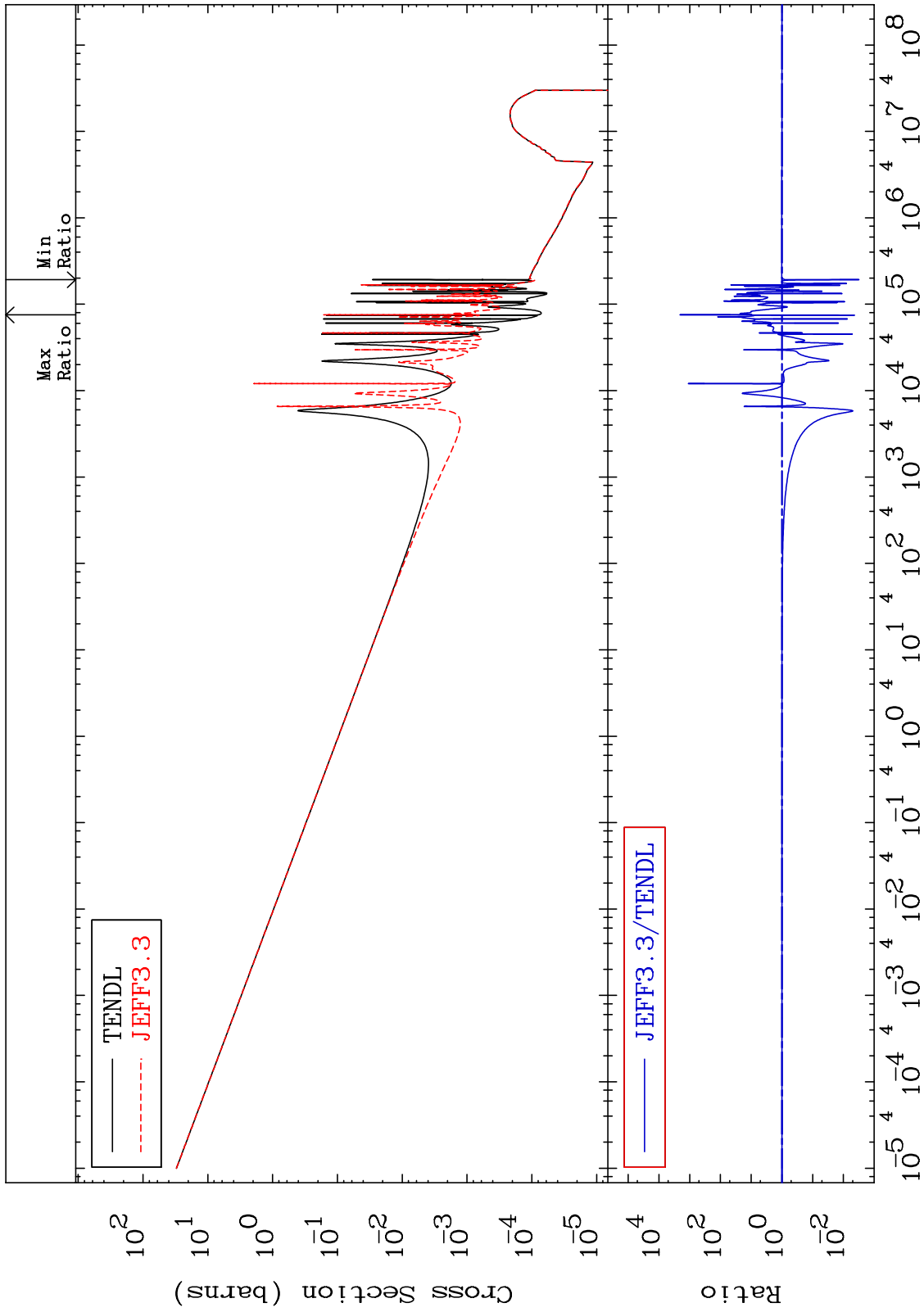
MAT 1322

(n, γ)

13-AI-26

Cross Section

-99.69 To 9999. %



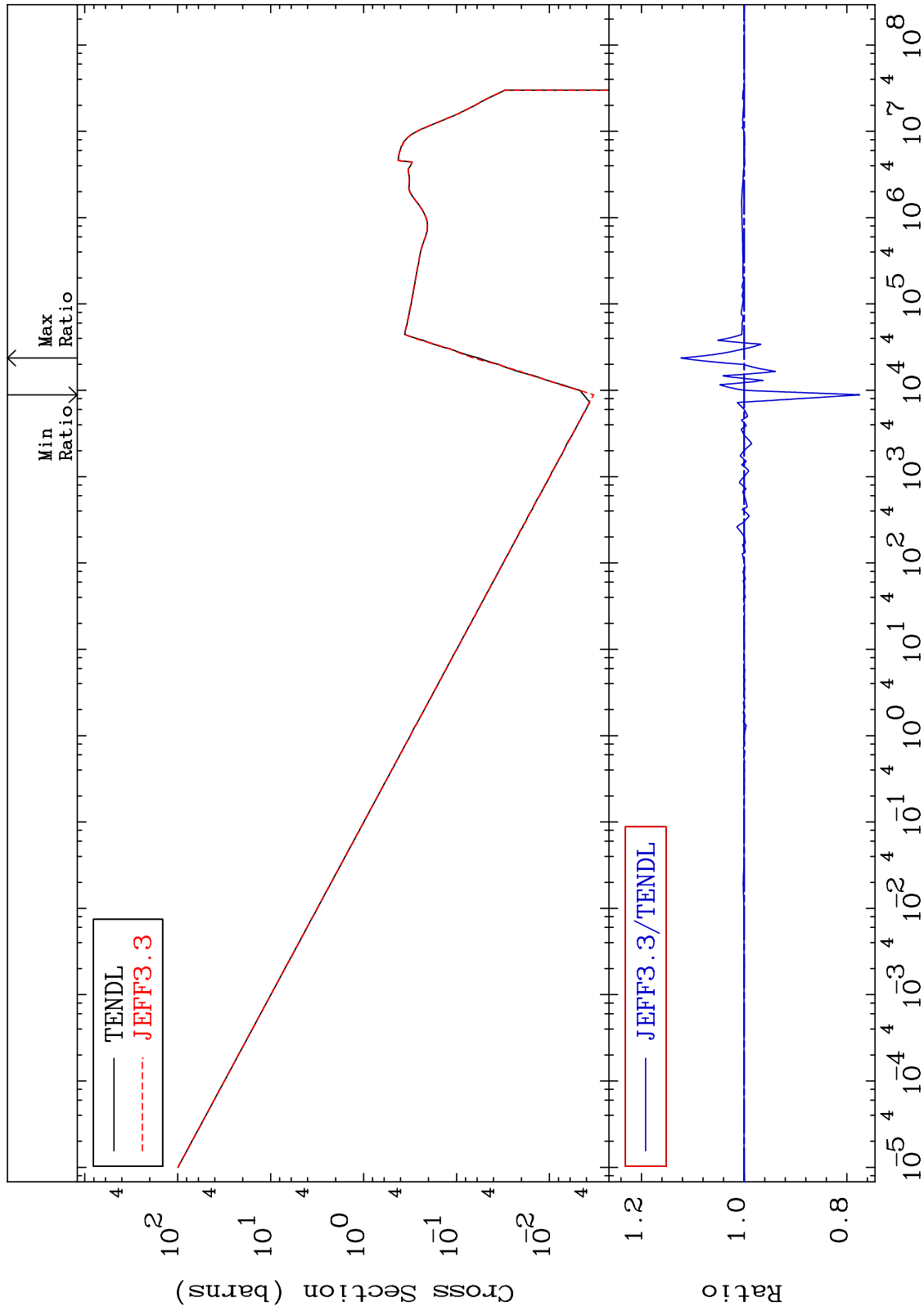
MAT 1322

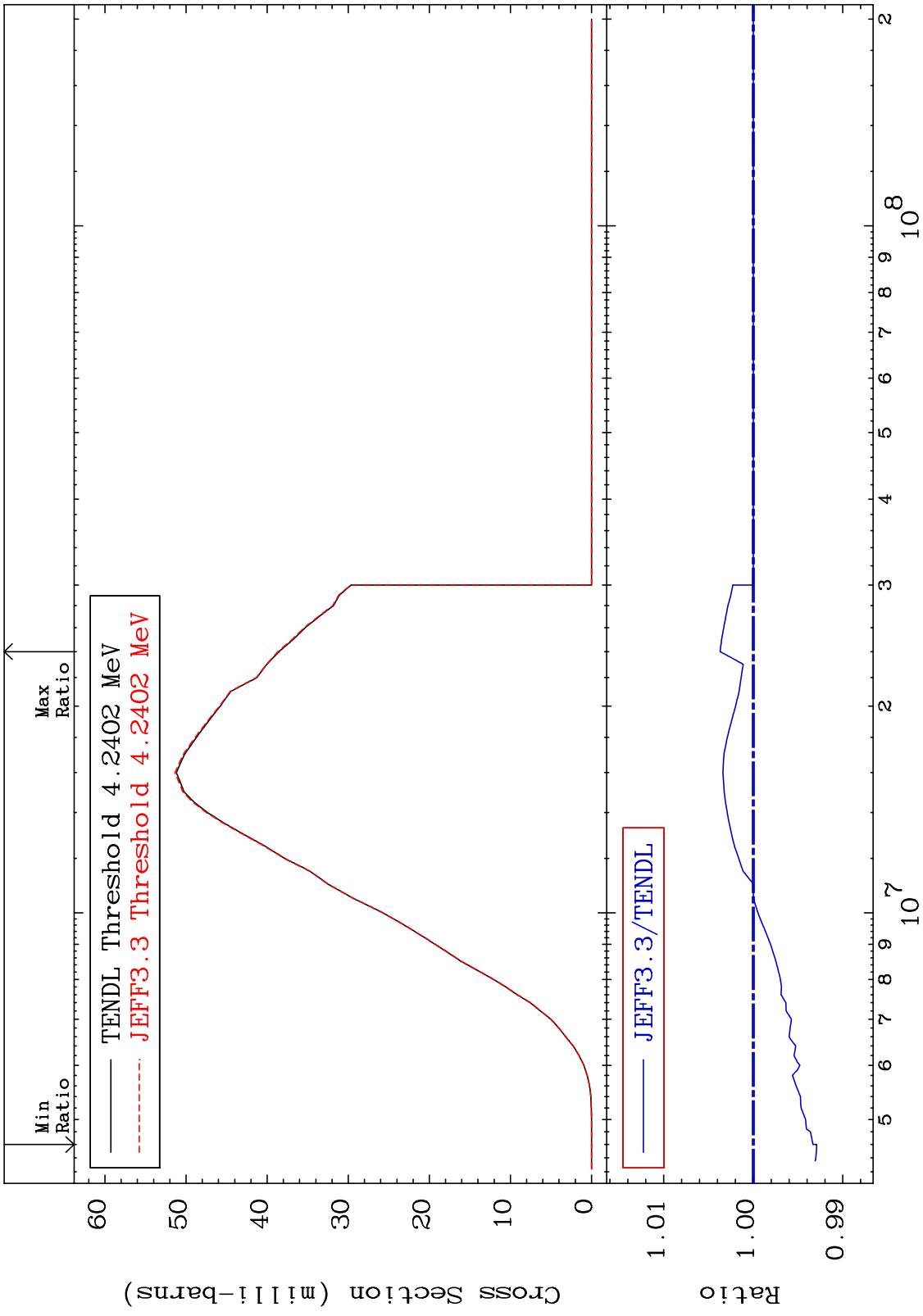
(n,p)

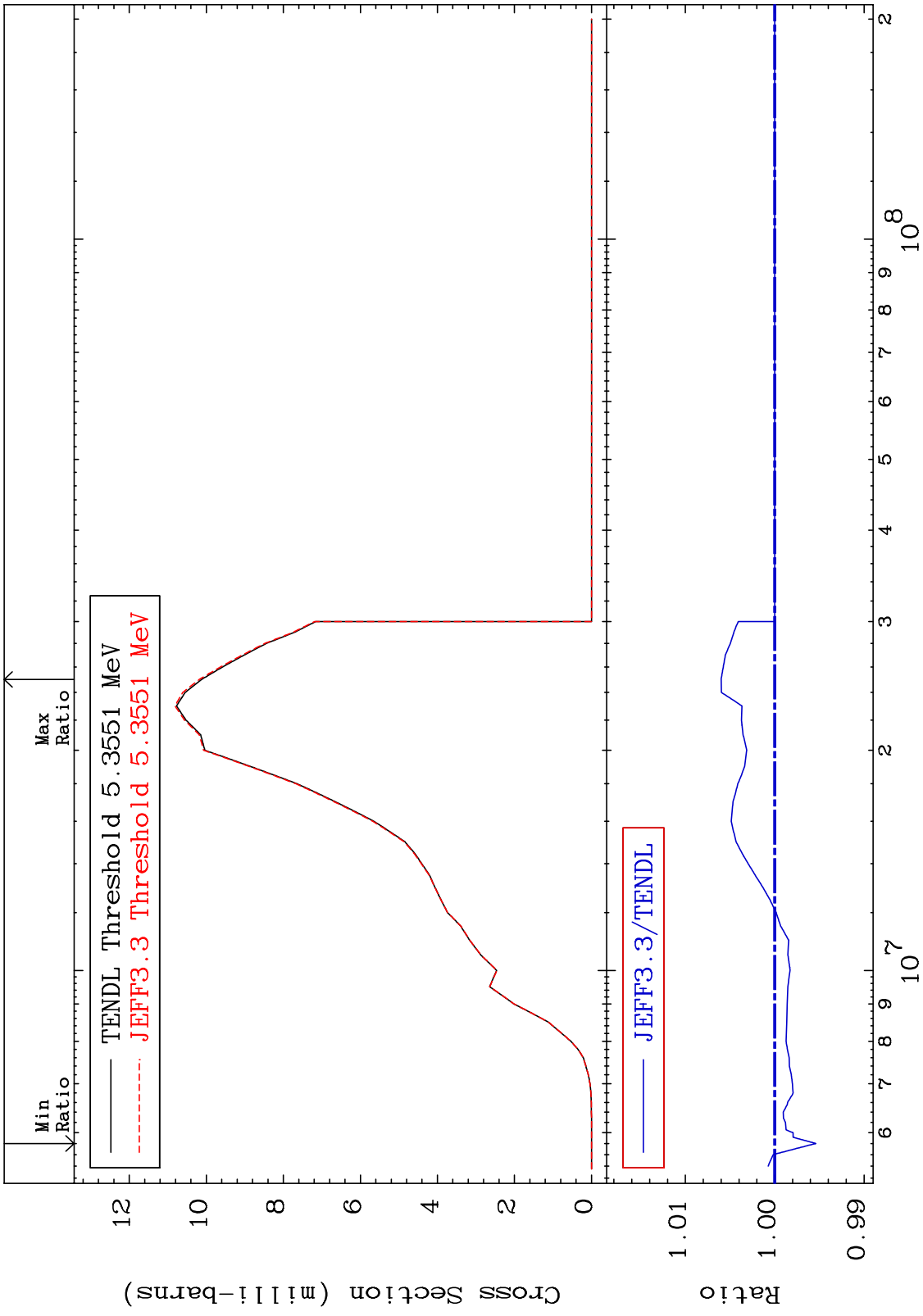
13-AI-26

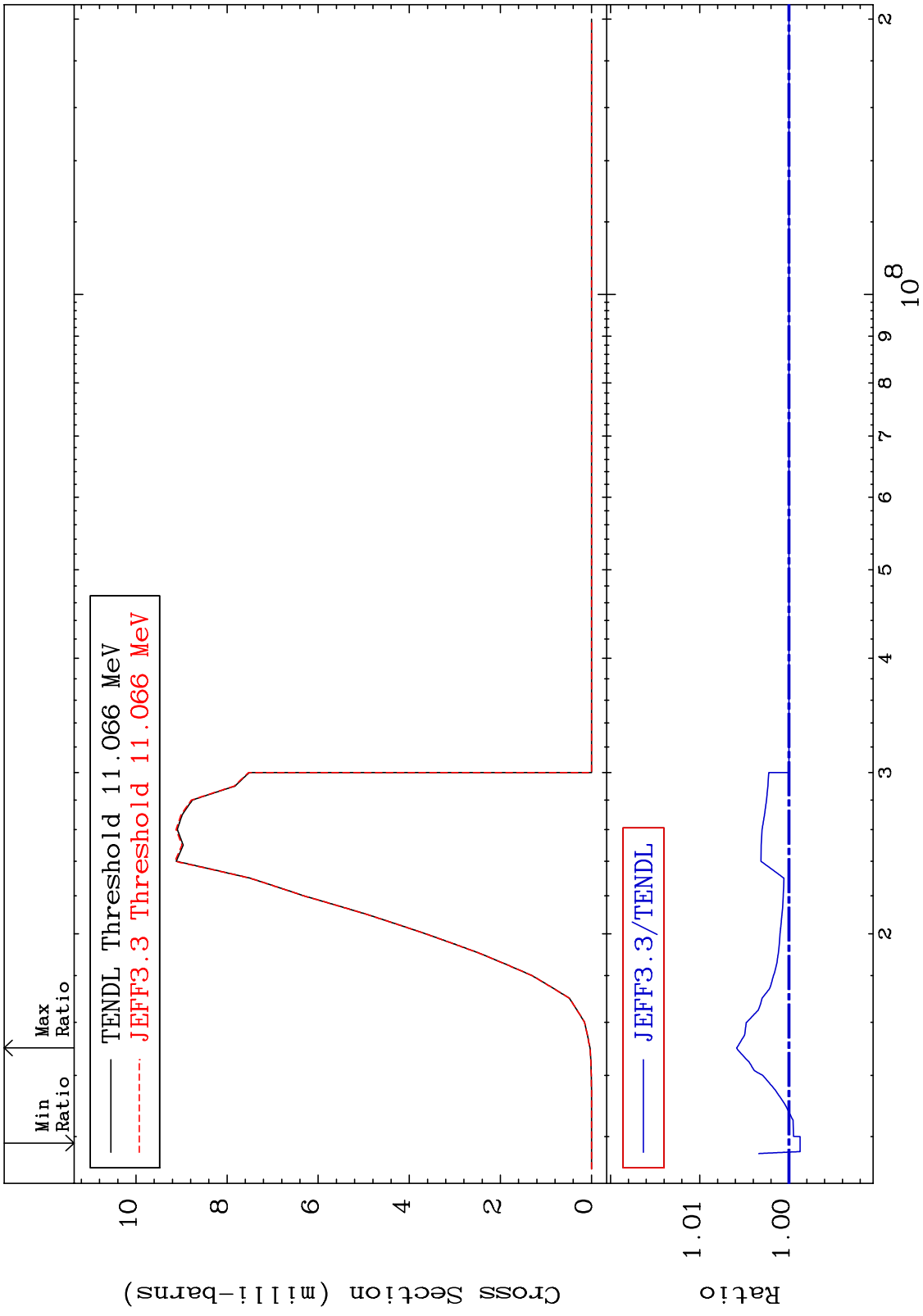
Cross Section

-22.50 To 12.25 %









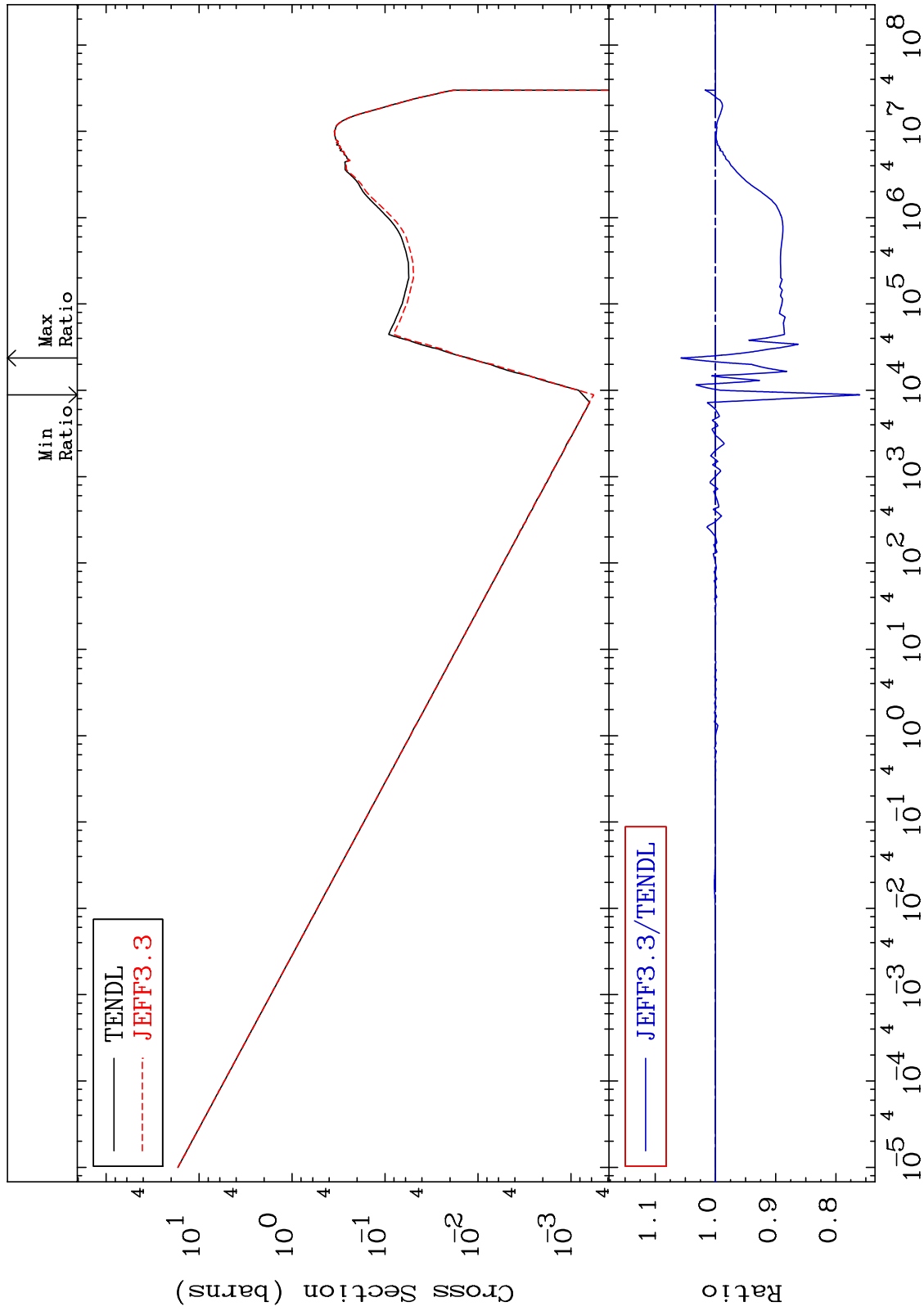
MAT 1322

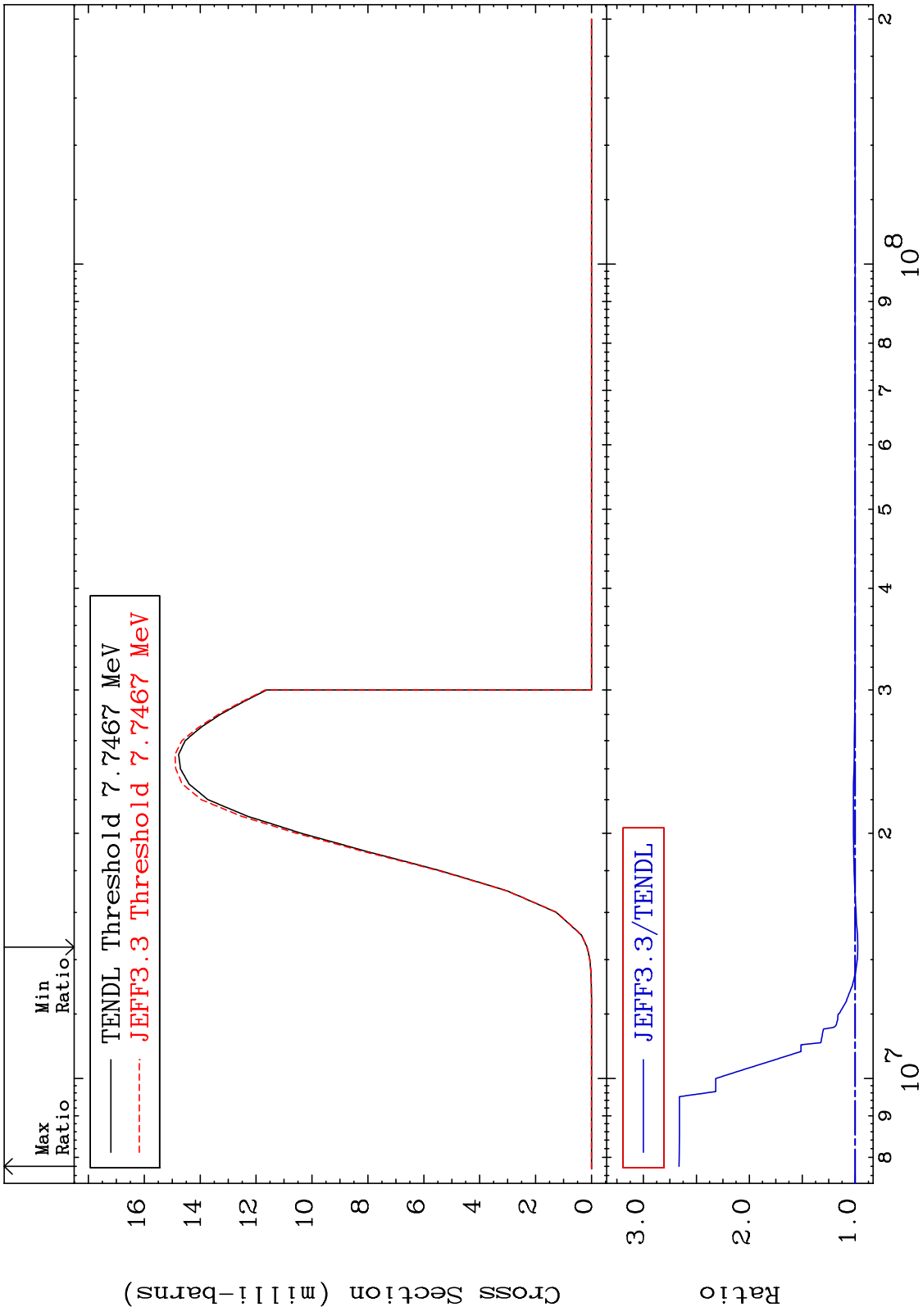
(n, α)

13-AI-26

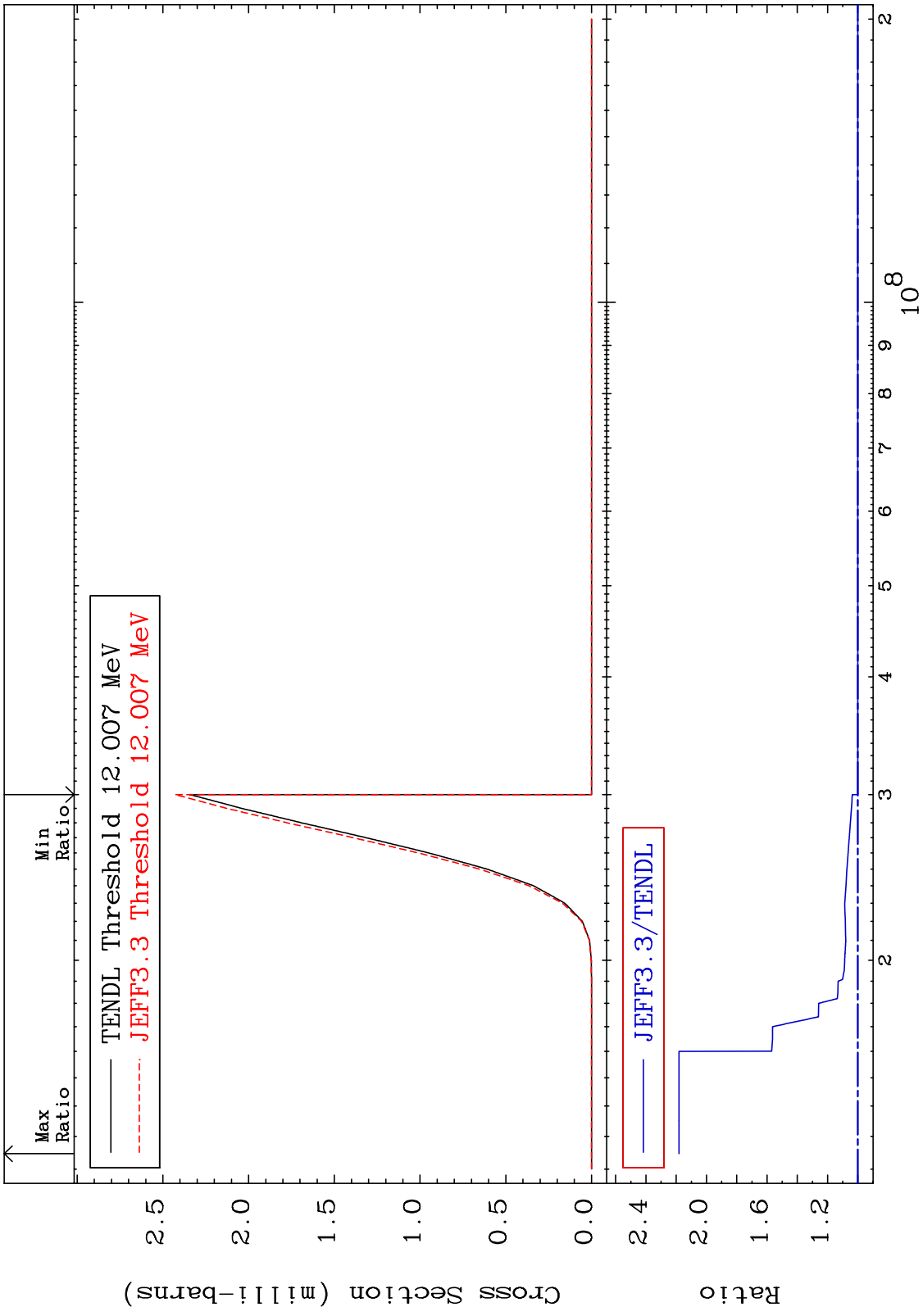
Cross Section

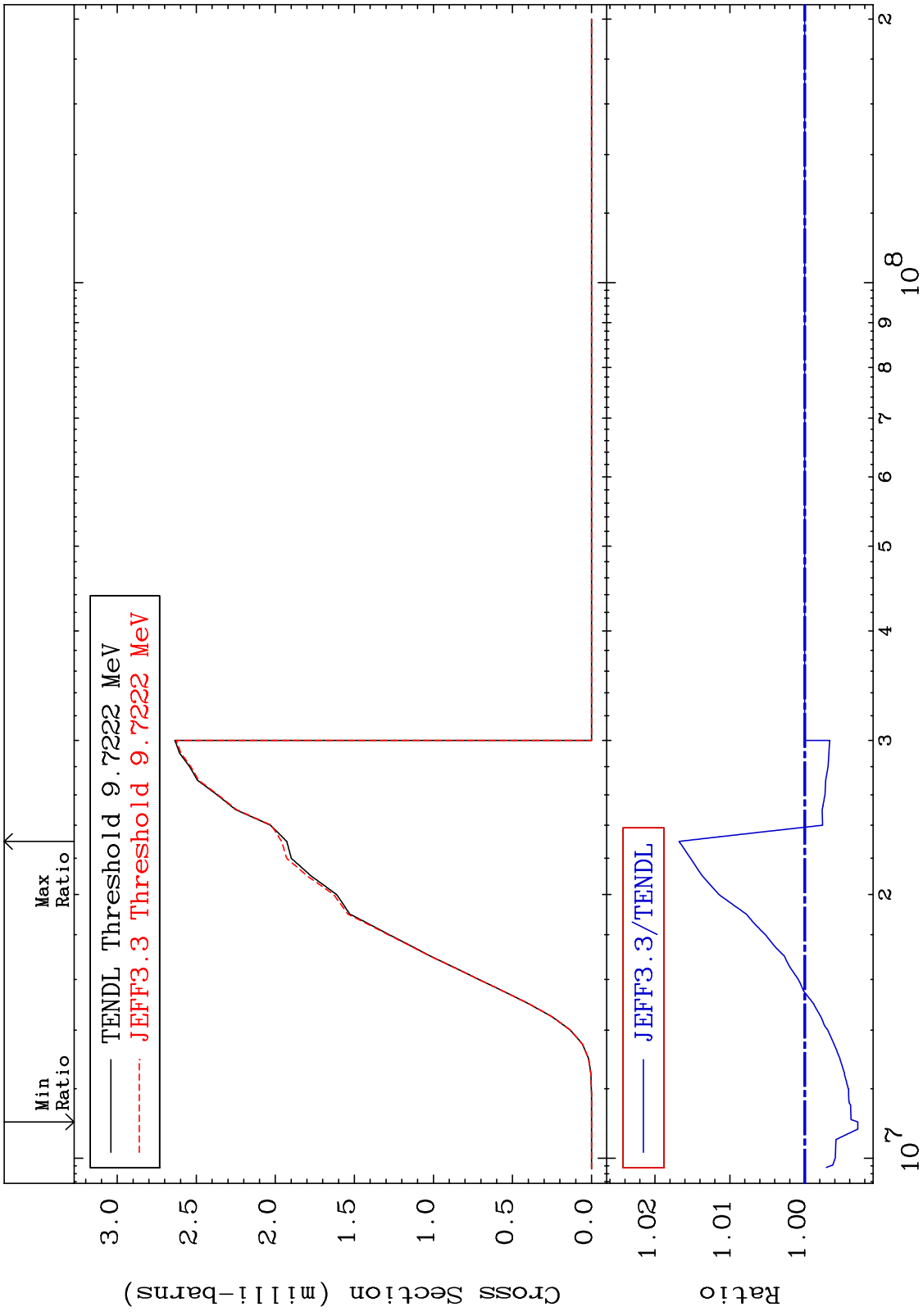
-23.98 To 5.686 %





MAT 1322 (n,3α) Cross Section 13-AI-26 To 118.1 %





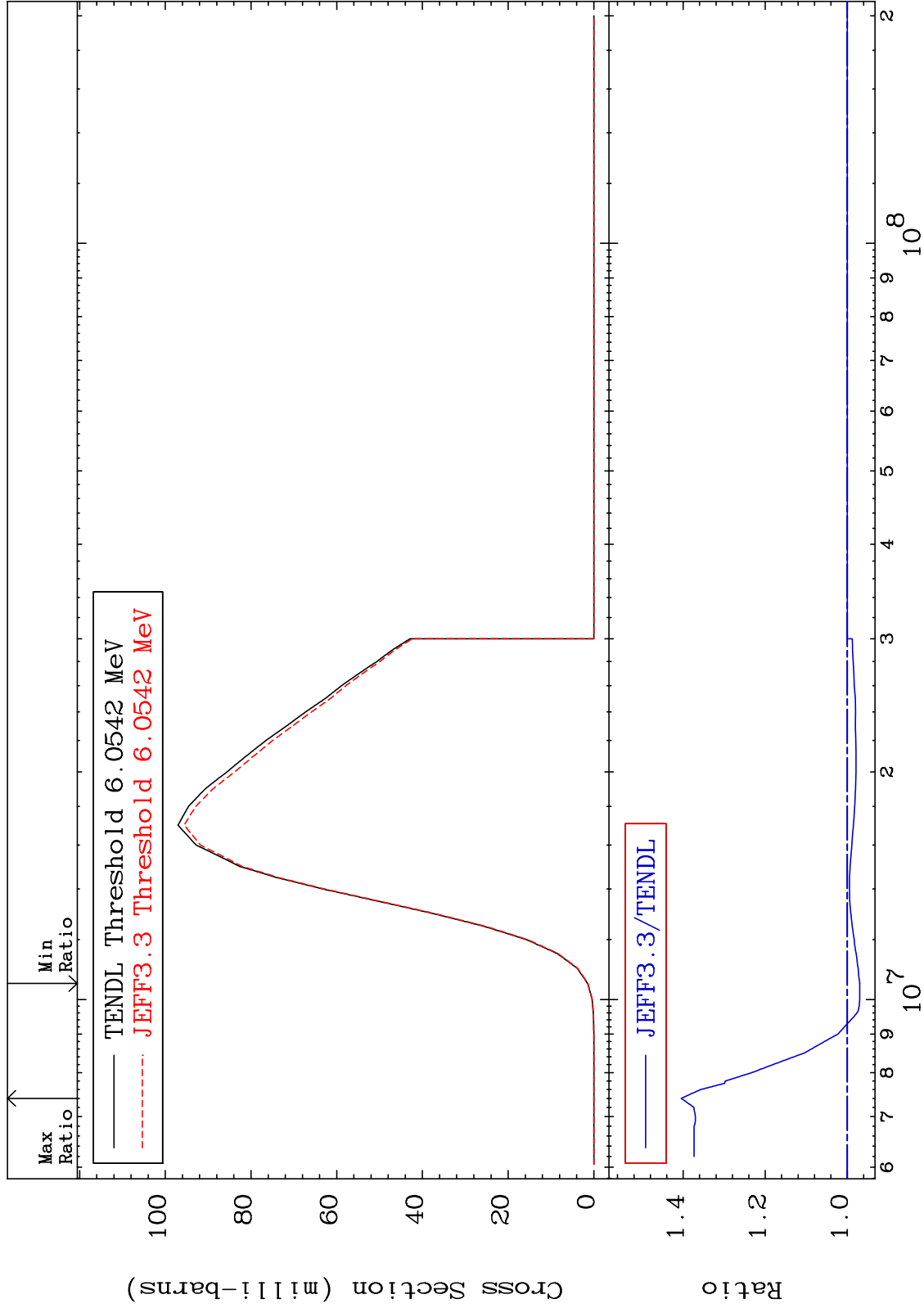
MAT 1322

(n,p) α

13-AI-26

Cross Section

-3.035 To 40.47 %



55

Incident Energy (eV)

13-AI-26

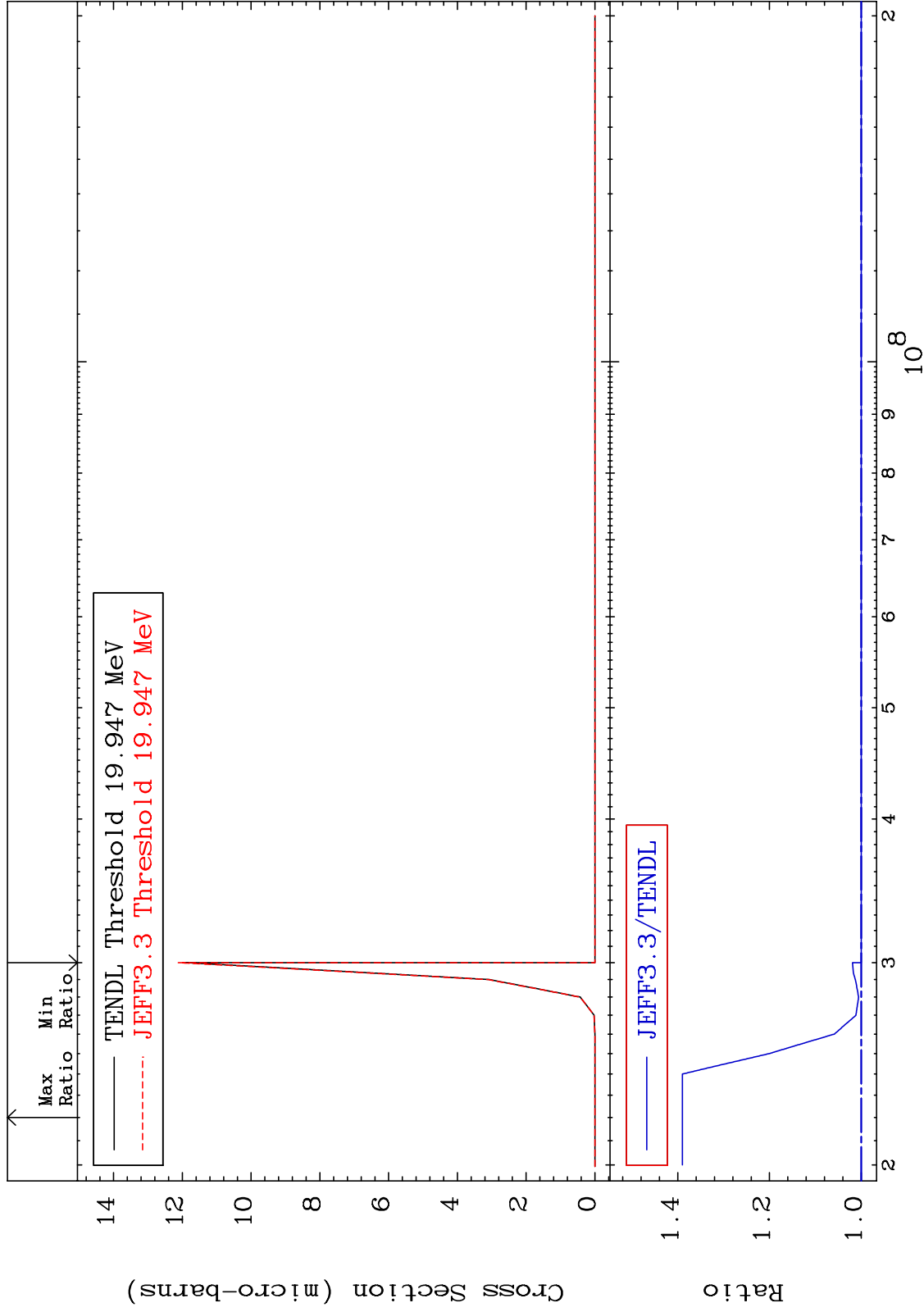
MAT 1322

(n, t) 2α

13-AI-26

0.000 To 38.97 %

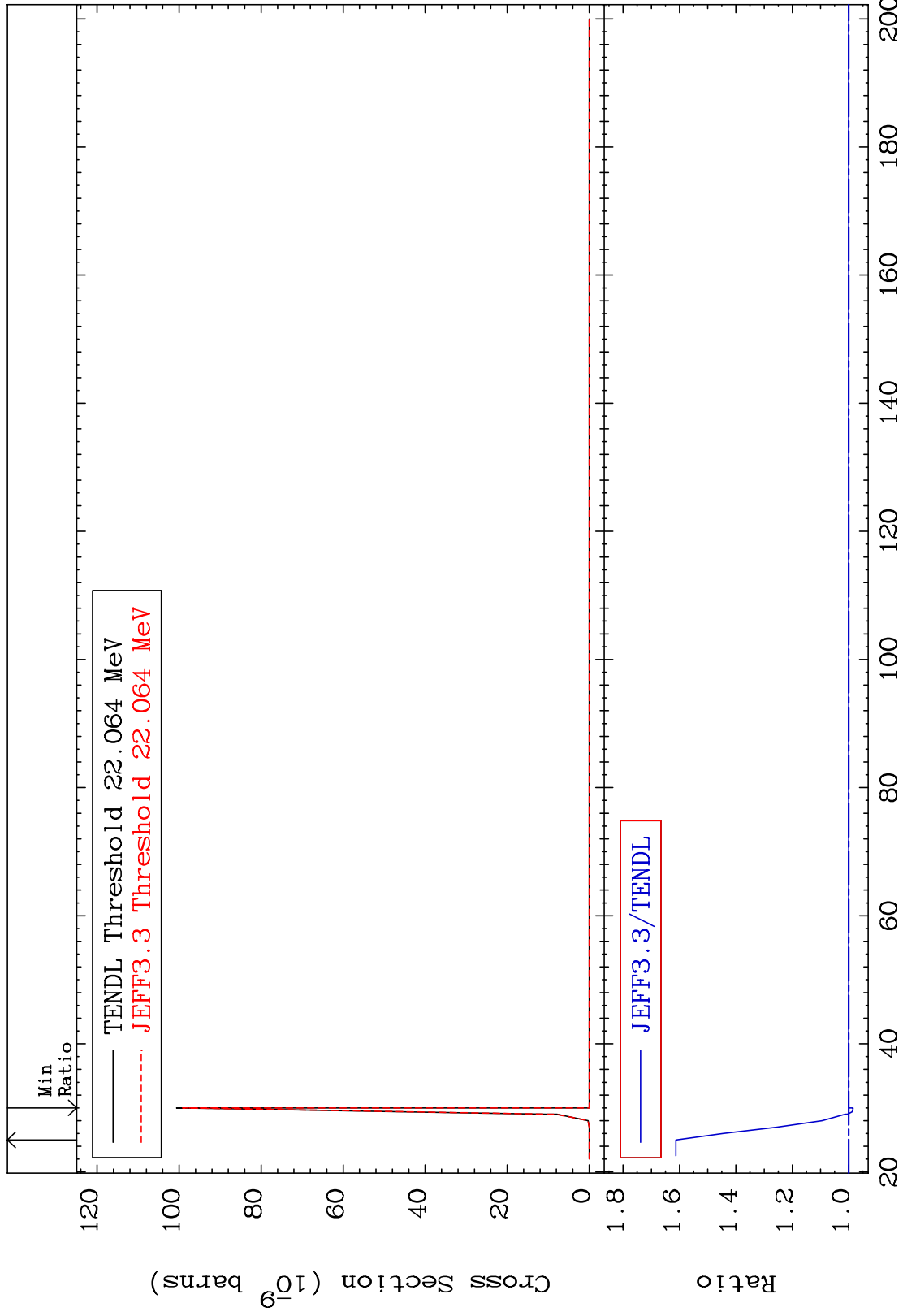
Cross Section

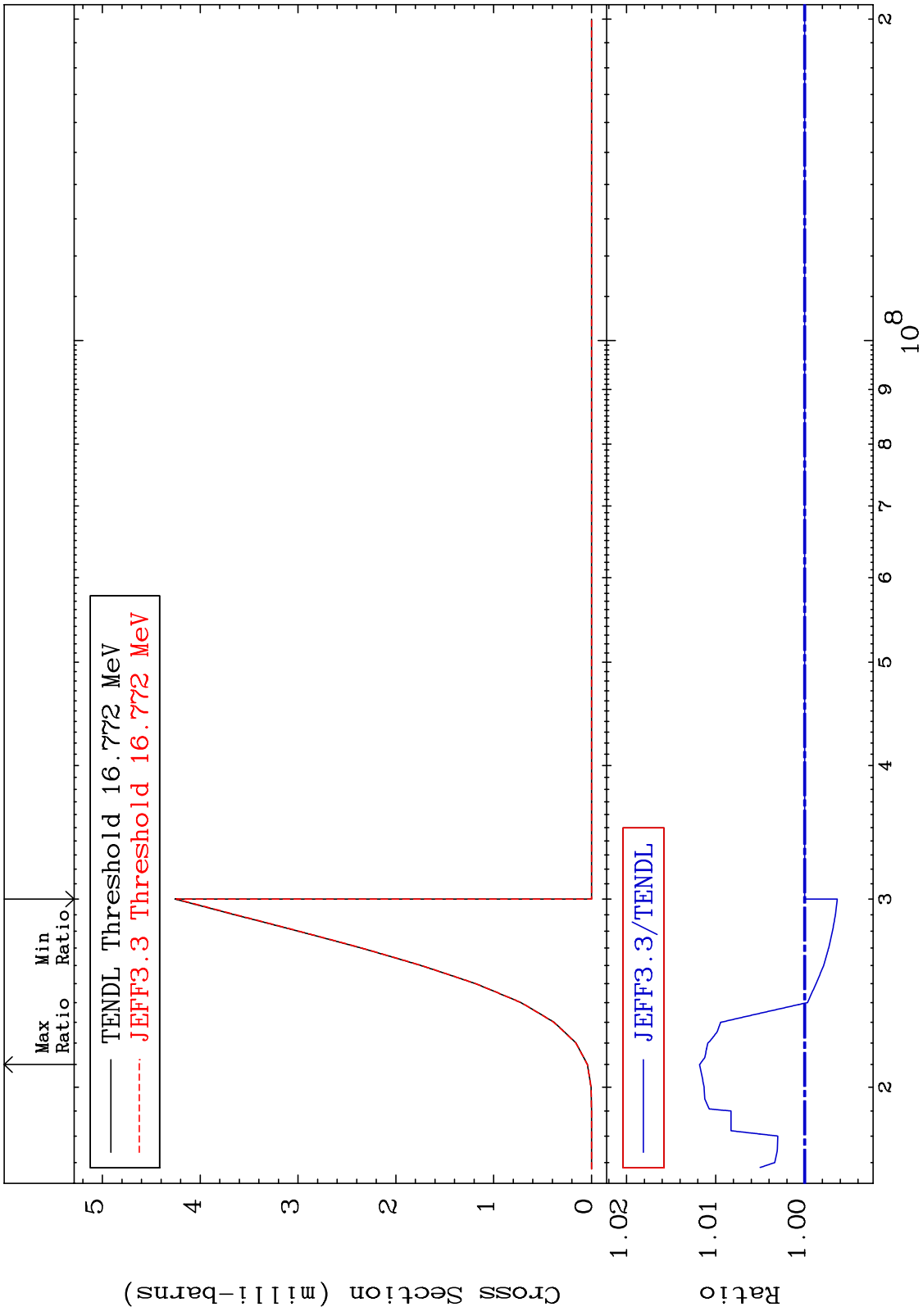


MAT 1322

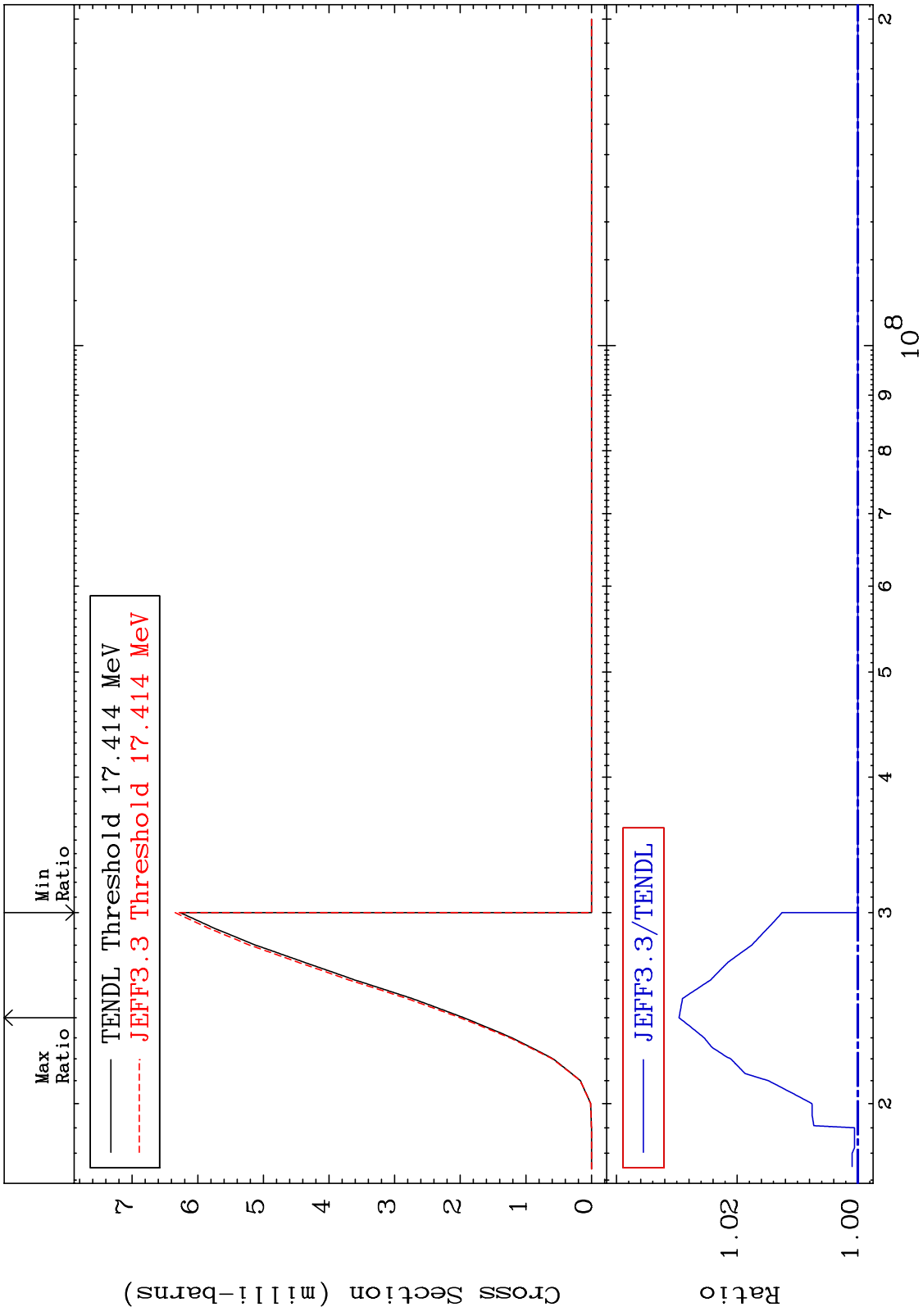
(n, d) 2α
Cross Section

13-AI-26
-1.517 To 61.27 %

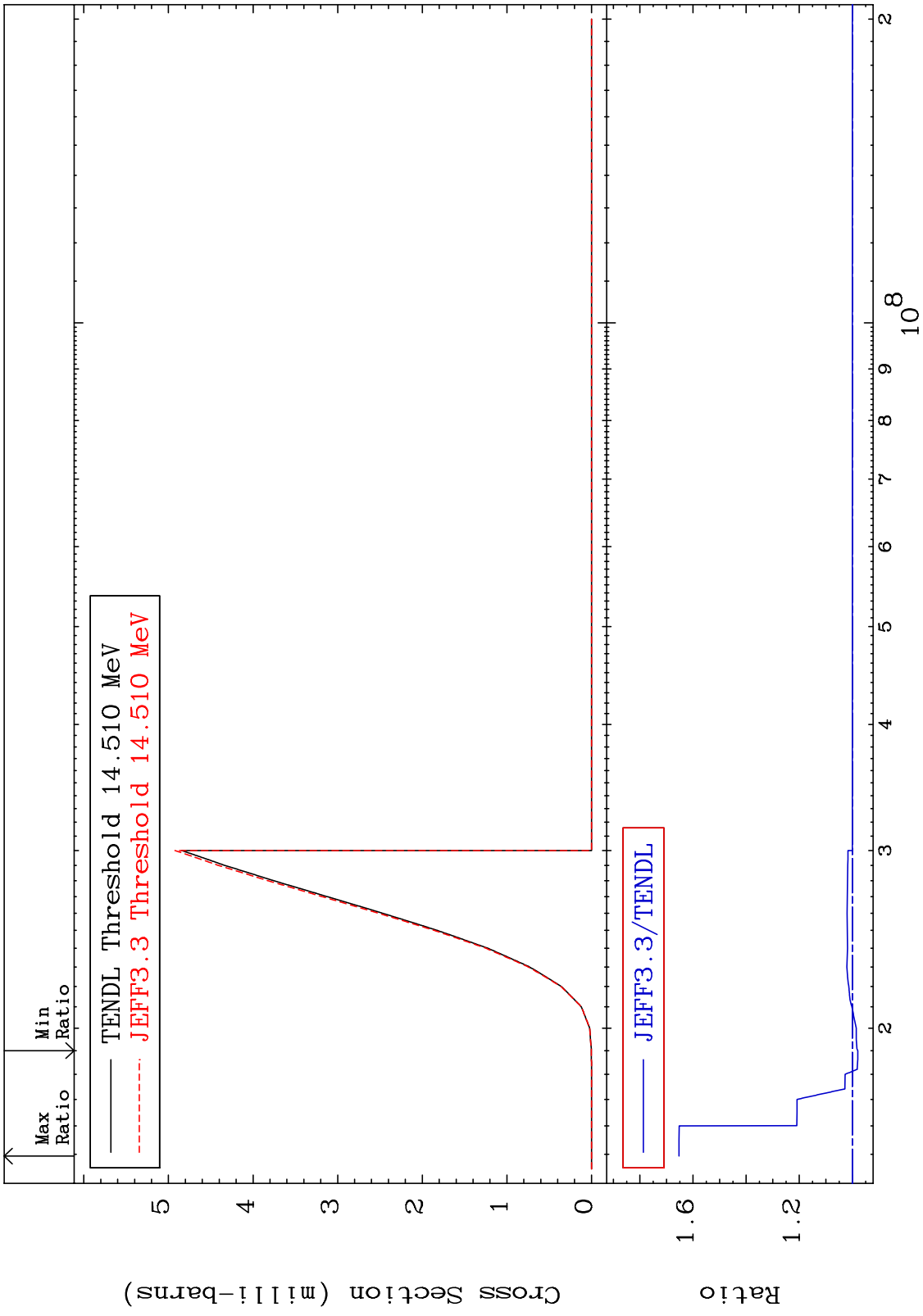




MAT 1322 (n,p) t 13-AI-26
 Cross Section 0.000 To 2.964 %



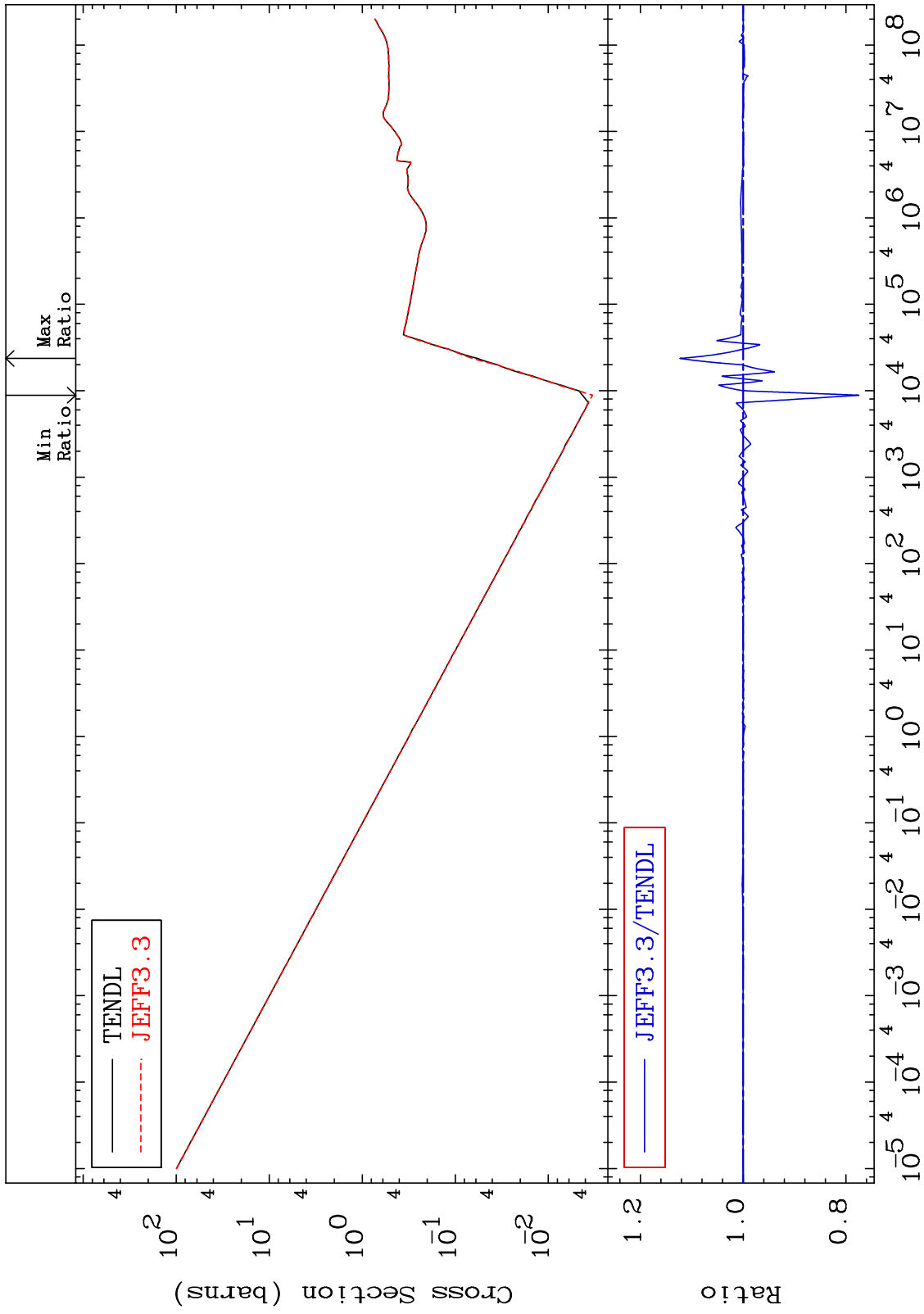
MAT 1322 (n,d) α 13-AI-26
 Cross Section -2.049 To 65.28 %



MAT 1322

Hydrogen Production
Cross Section

13-AI-26
-22.50 To 12.25 %



61

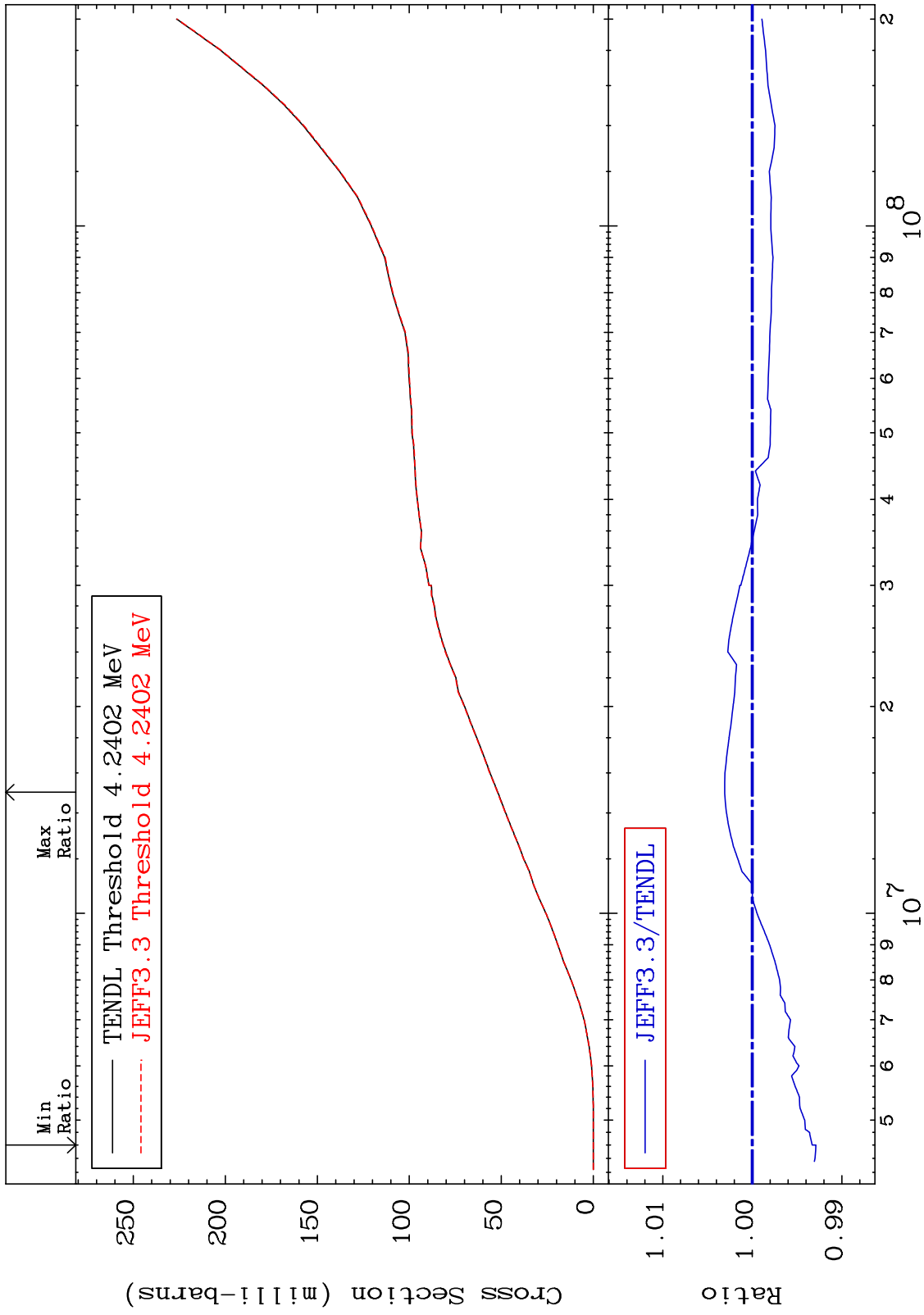
Incident Energy (eV)

13-AI-26

MAT 1322

Deuterium Production
Cross Section

13-AI-26
-0.709 To 0.309 %

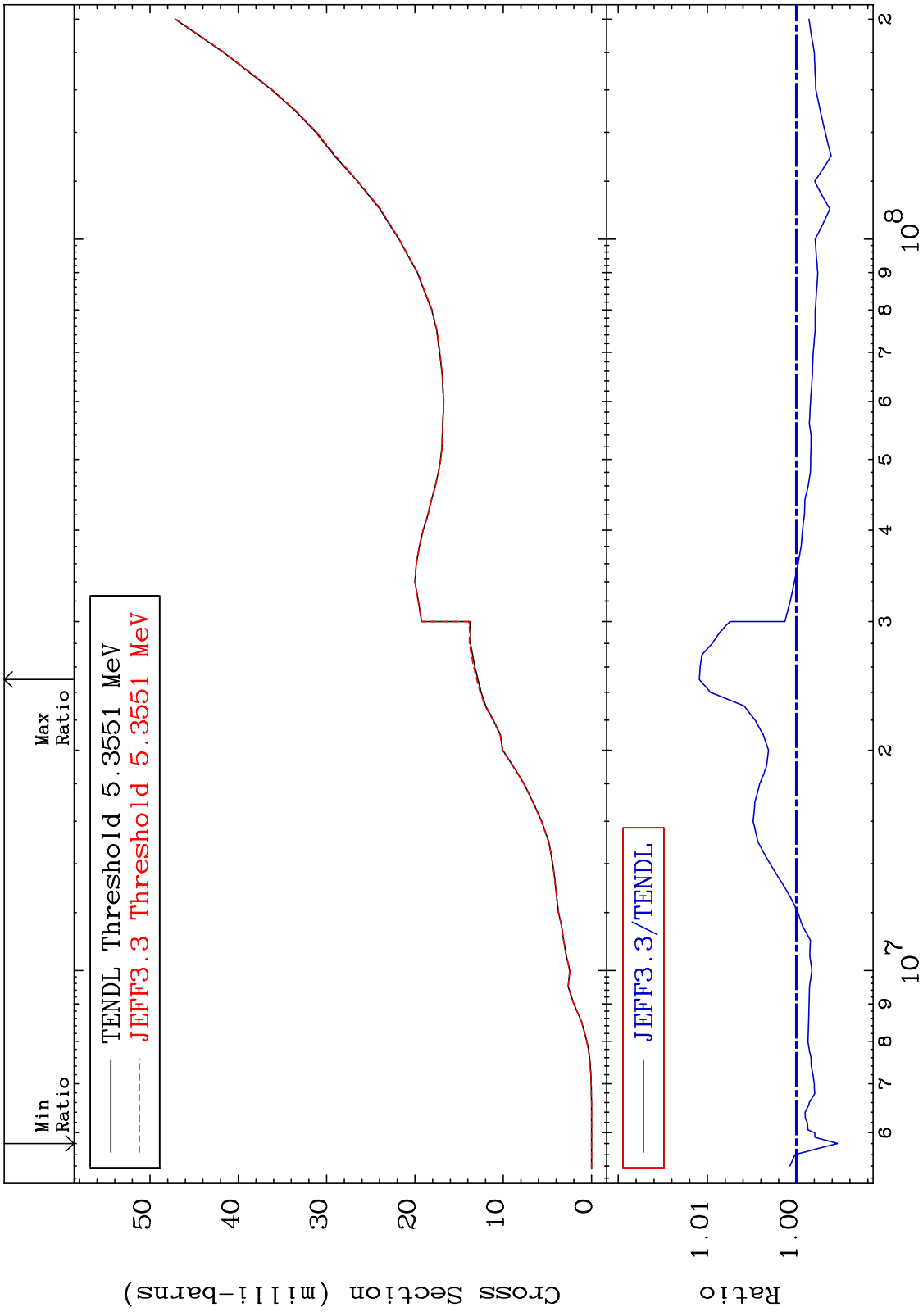


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Incident Energy (eV)

13-AI-26

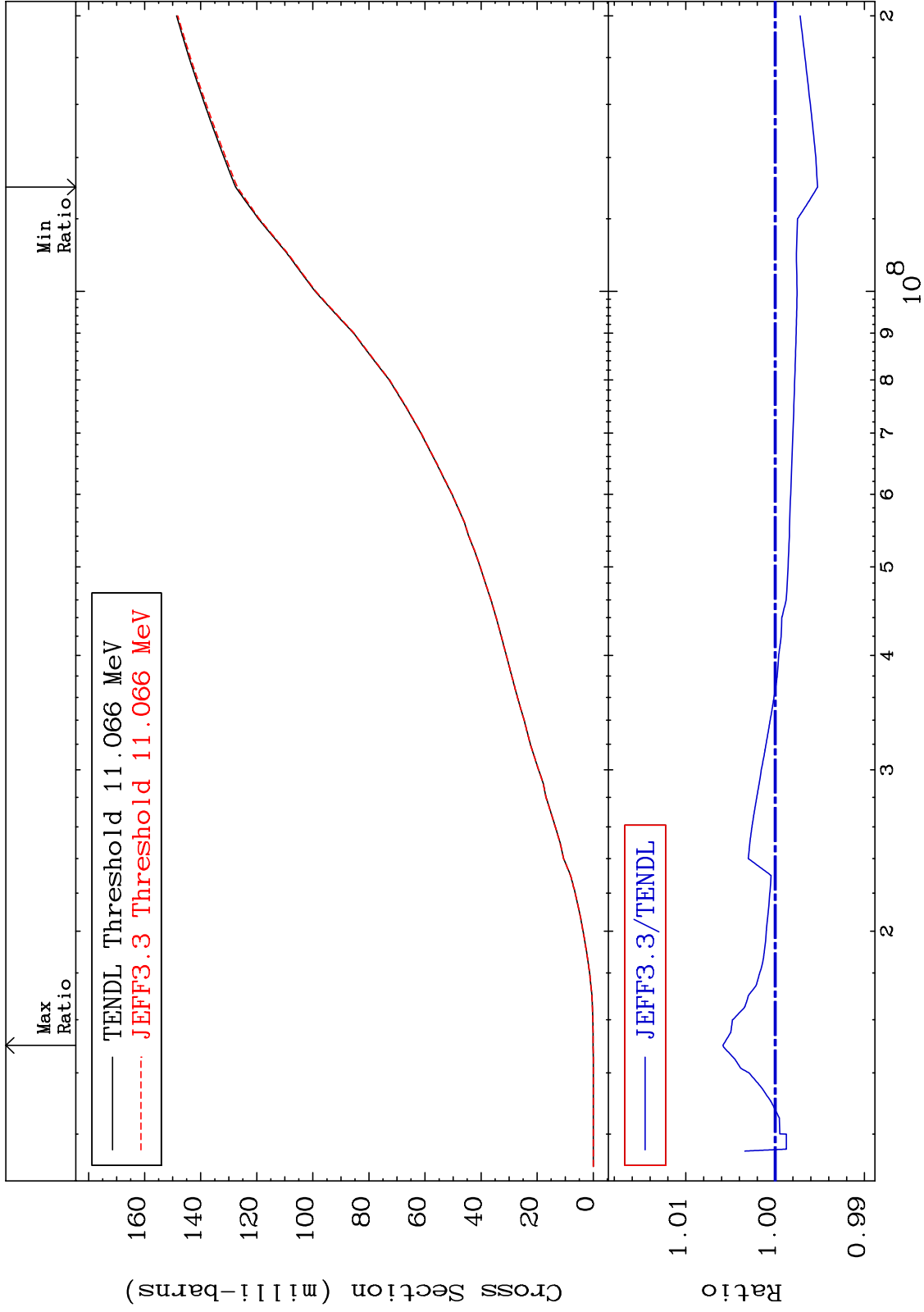
MAT 1322 Tritium Production Cross Section 13-AI-26
 -0.460 To 1.090 %

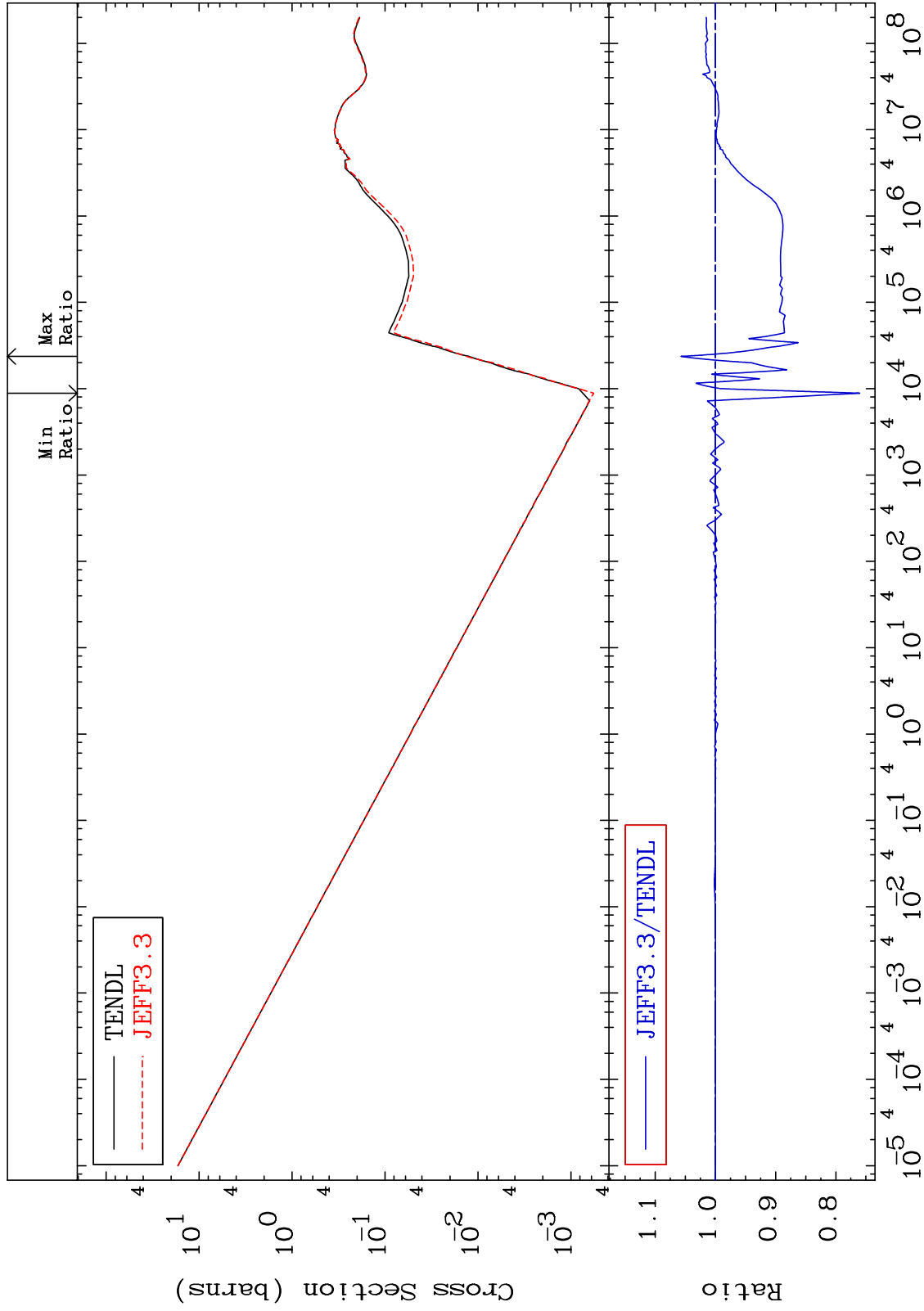


MAT 1322

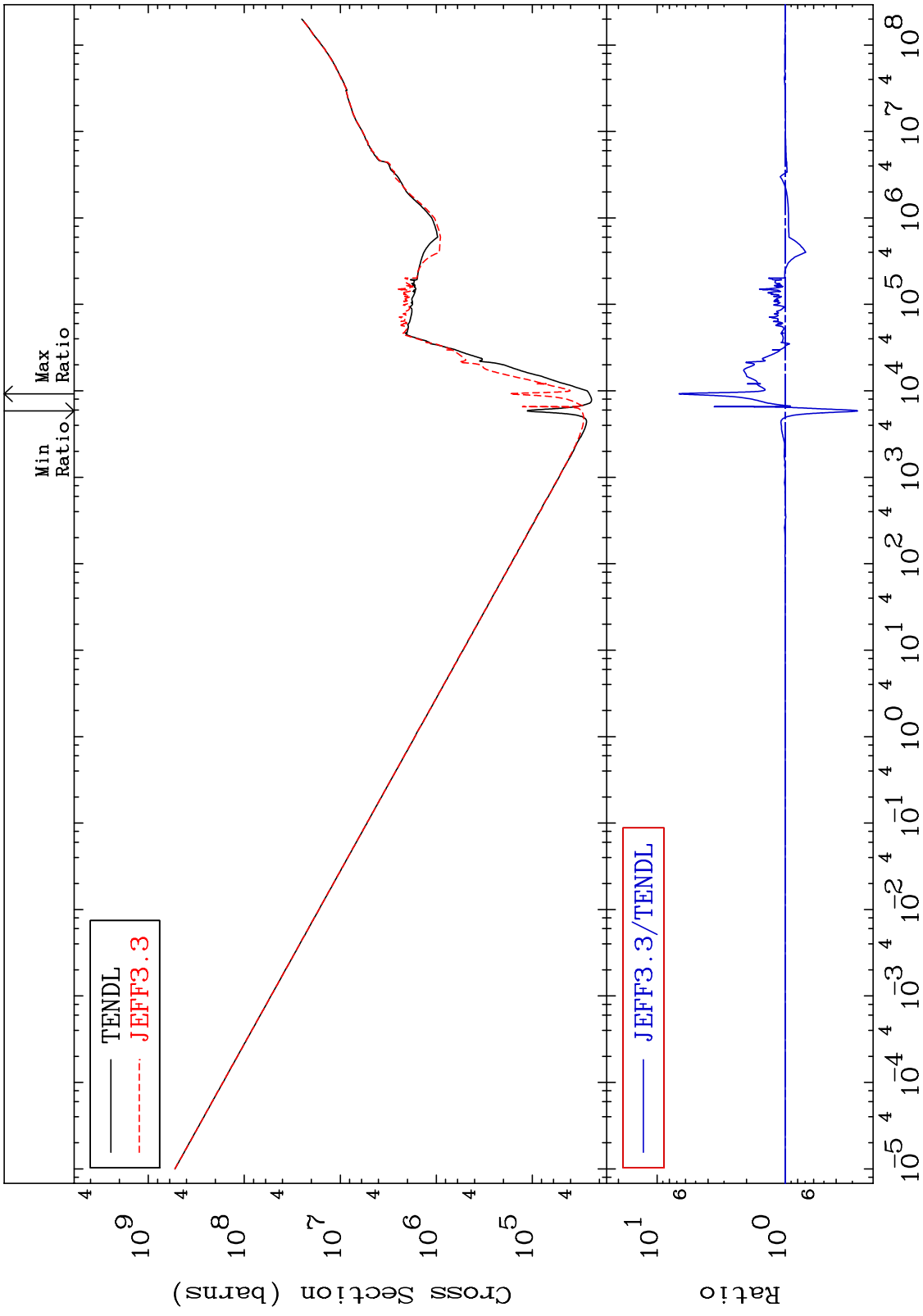
He-3 Production
Cross Section

13-AI-26
-0.475 To 0.585 %





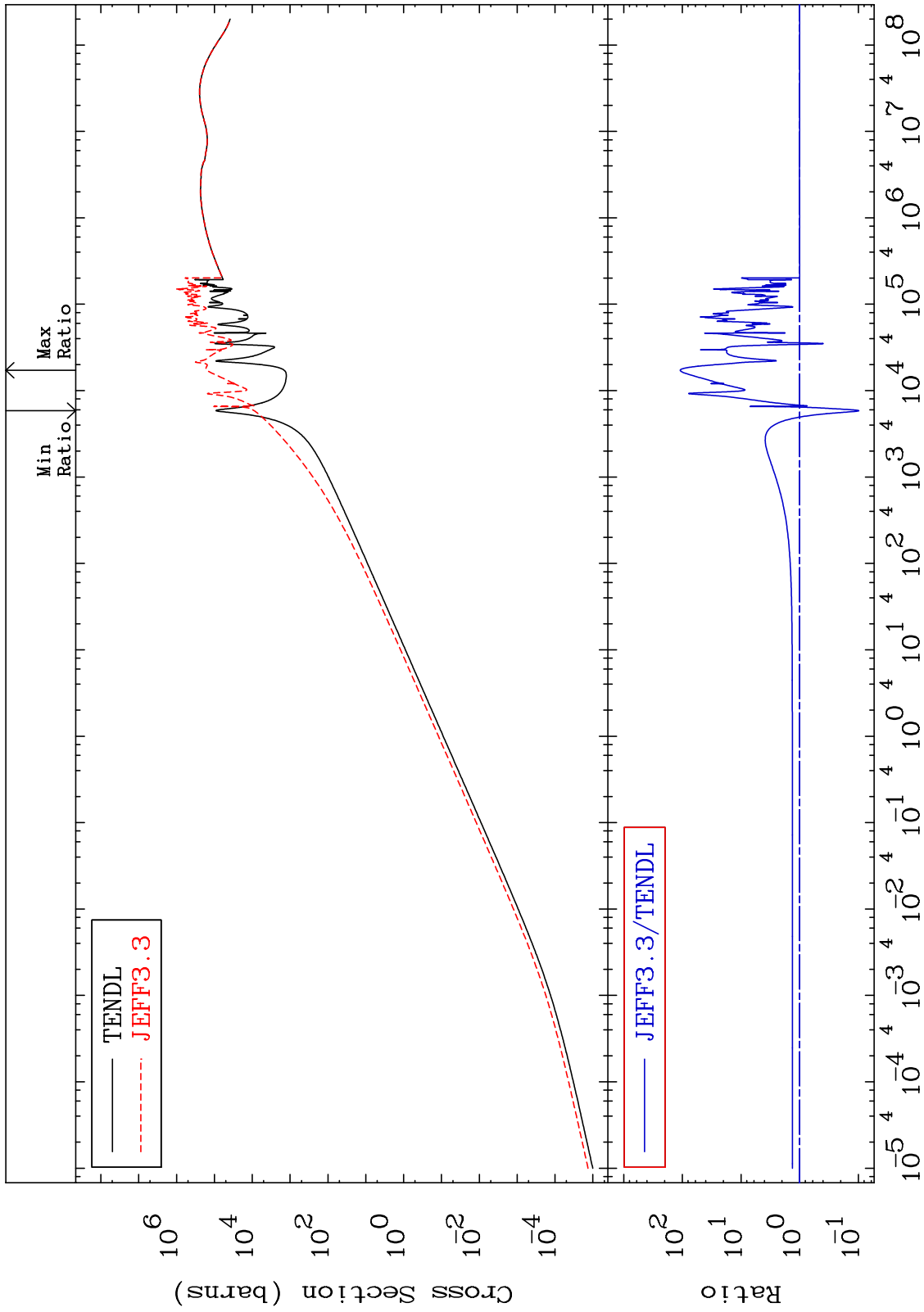
MAT 1322 Kerma total (eV-barns)
Cross Section 13-AI-26
-72.87 To 573.4 %



MAT 1322

Kerma elastic
Cross Section

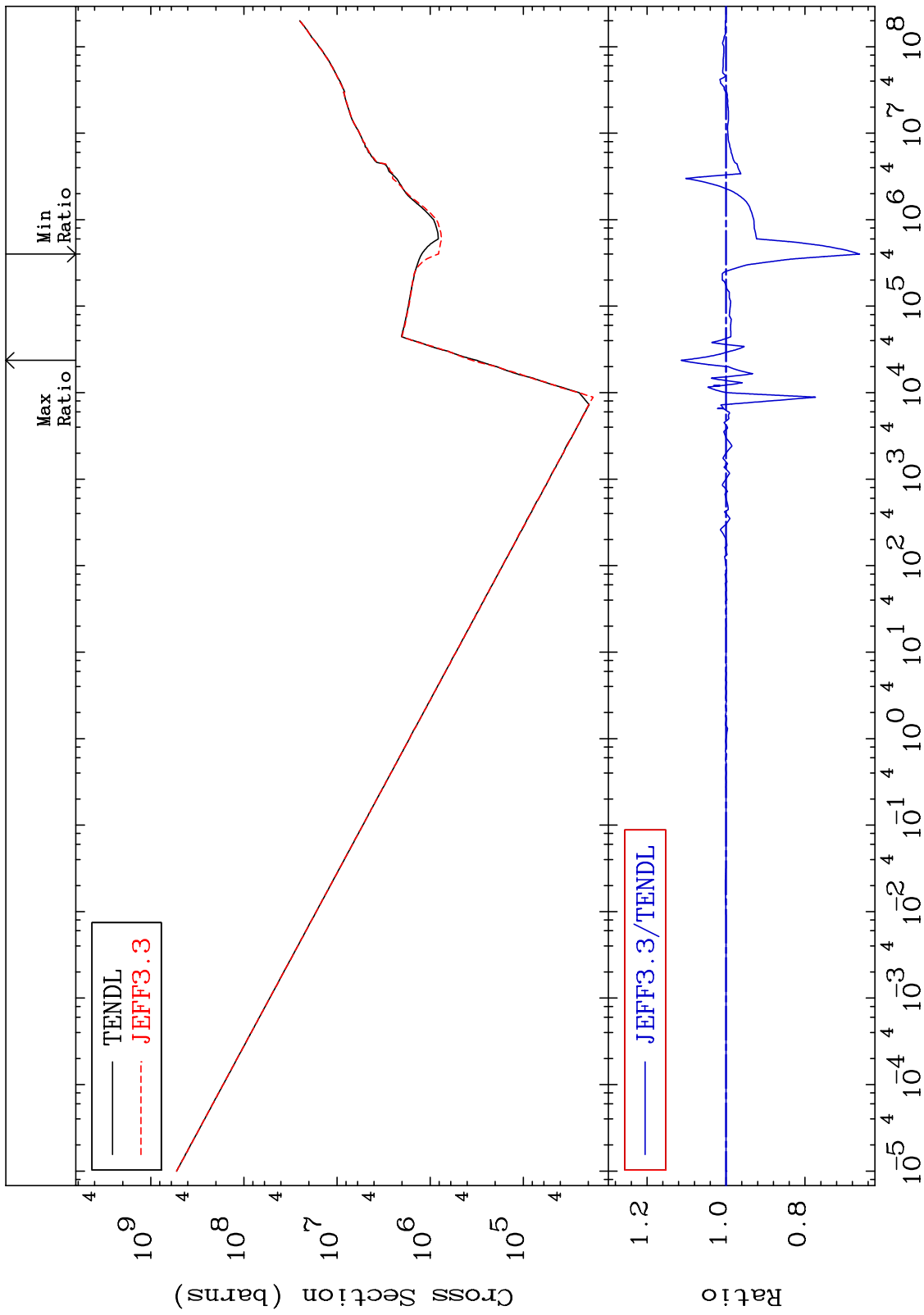
13-AI-26
-90.20 To 9999. %



MAT 1322

Kerma non-elastic (all but mt2)
Cross Section

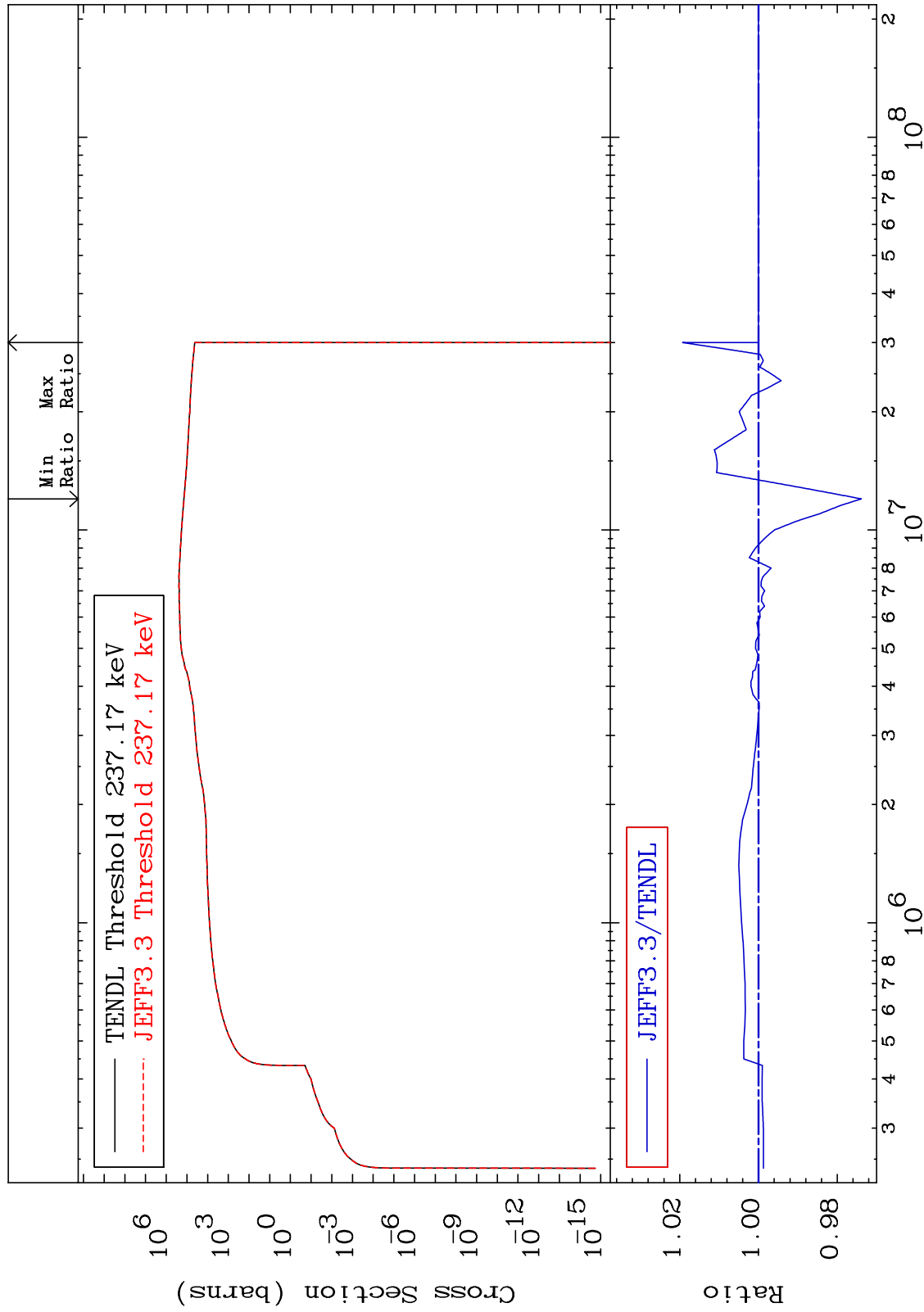
13-AI-26
-33.83 To 11.45 %



MAT 1322

Kerma inelastic (mt51-91)
Cross Section

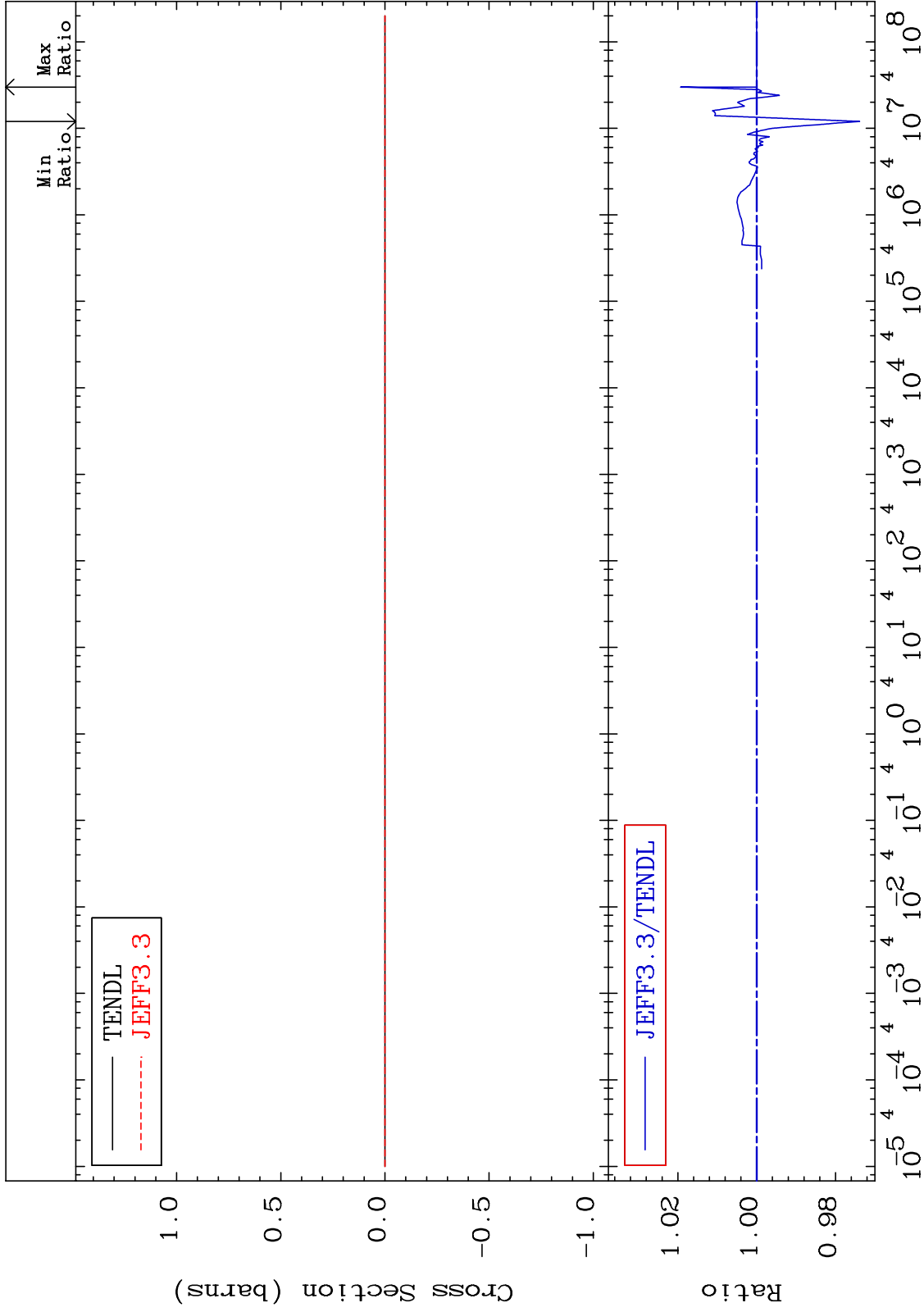
13-AI-26
-2.611 To 1.924 %



MAT 1322

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

13-AI-26
-2.611 To 1.924 %



70

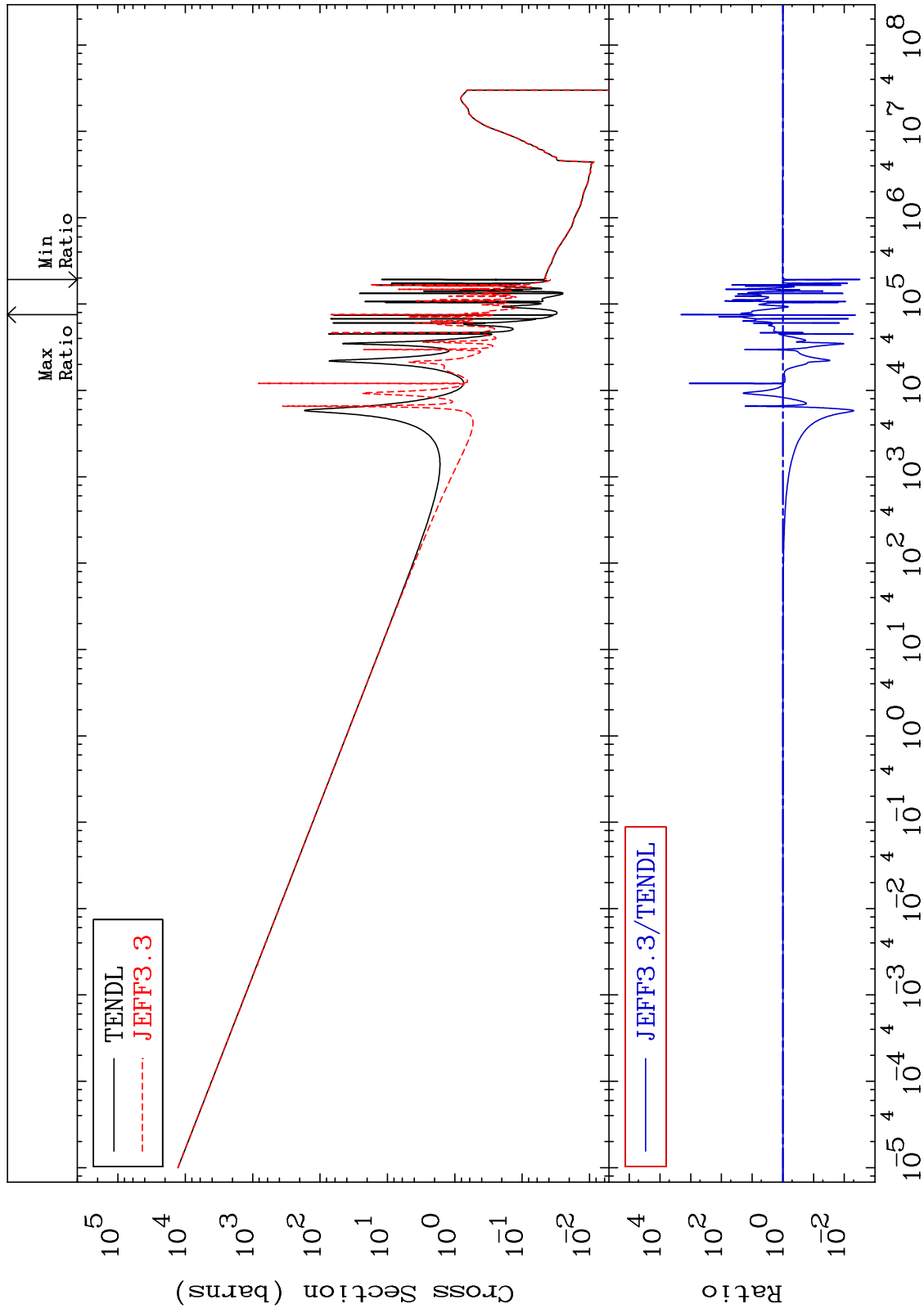
Incident Energy (eV)

13-AI-26

MAT 1322

Kerma capture (mt102)
Cross Section

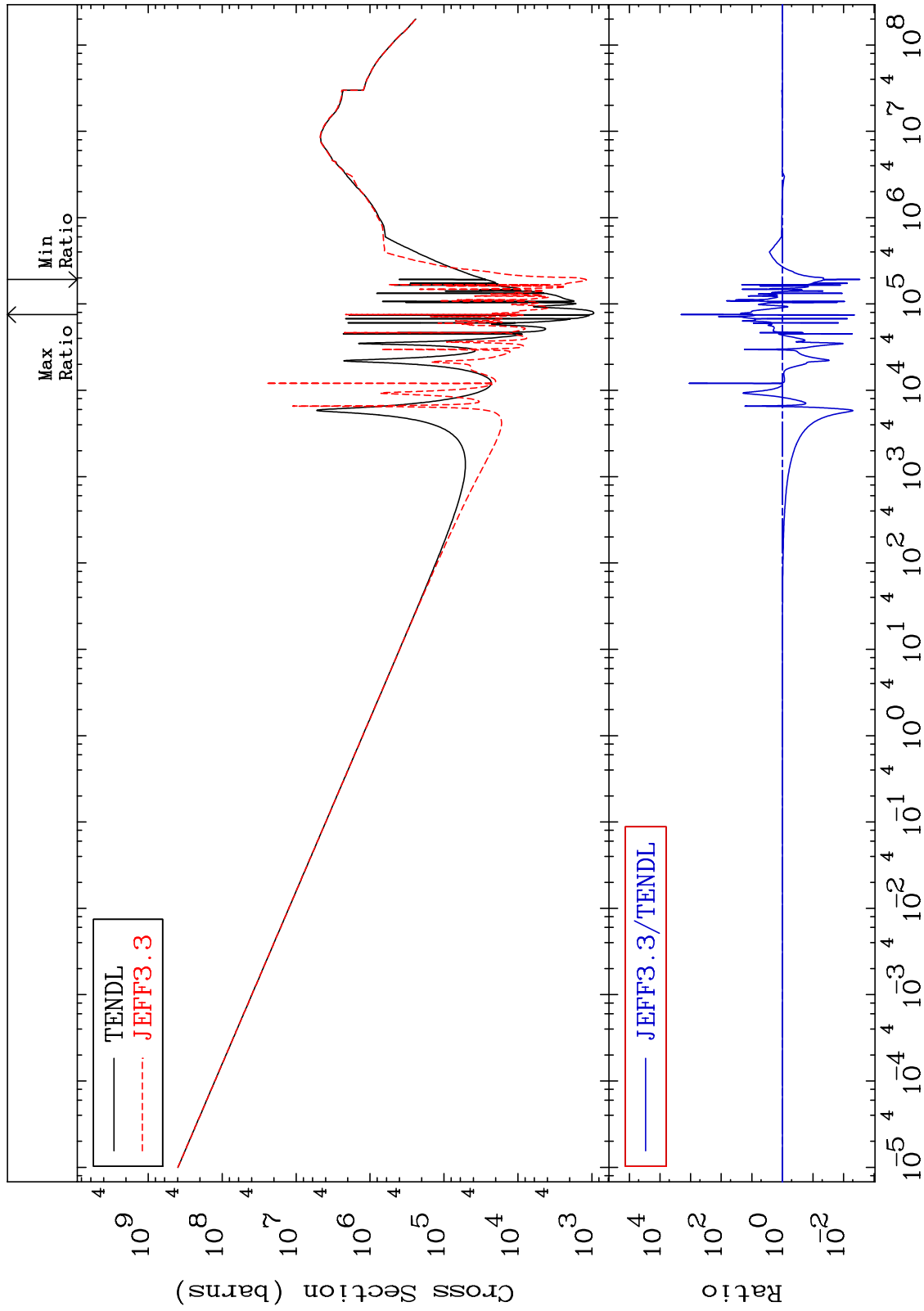
13-AI-26
-99.69 To 9999. %



MAT 1322

Total photon (eV-barns)
Cross Section

13-AI-26
-99.71 To 9999. %



72

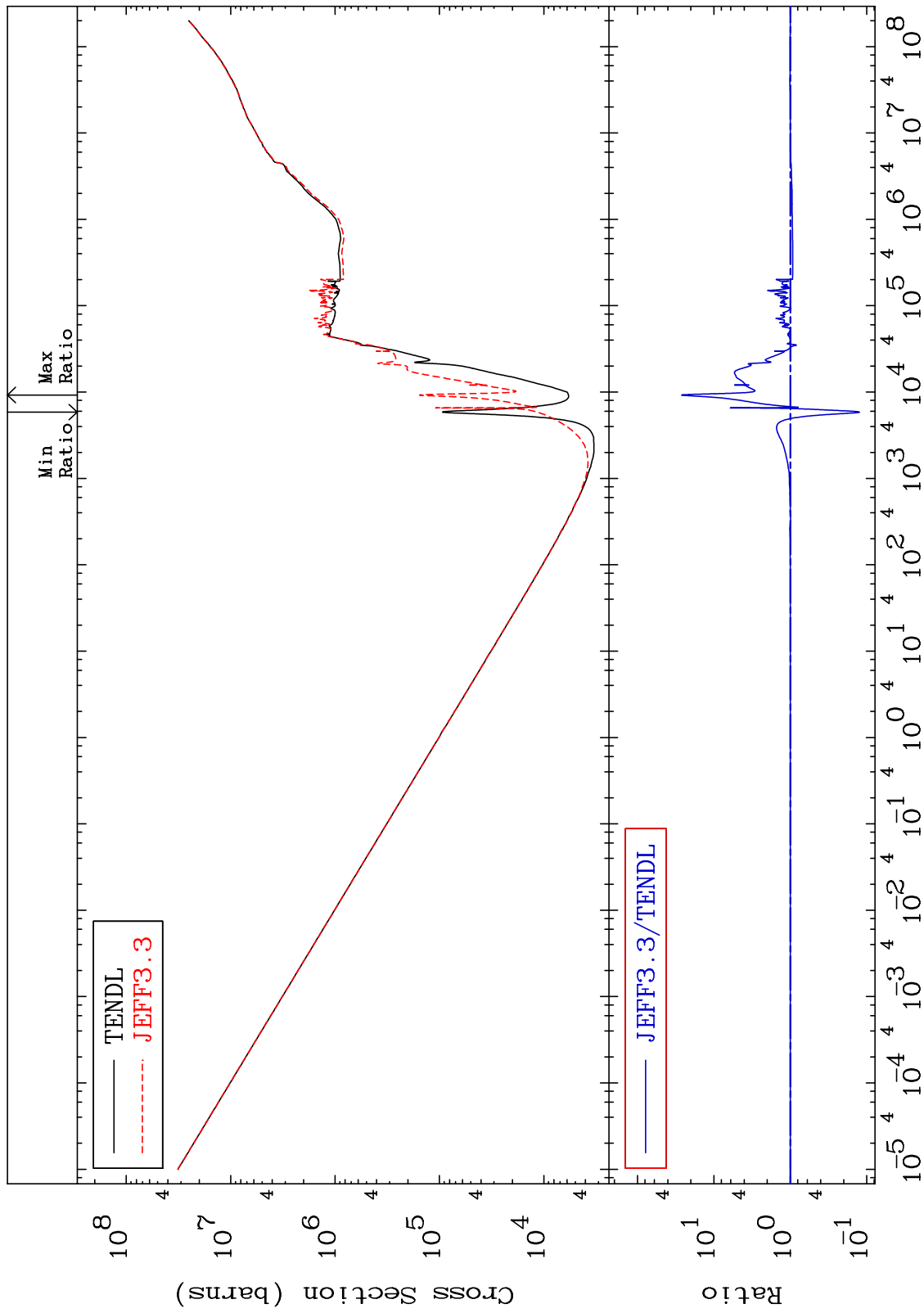
Incident Energy (eV)

13-AI-26

MAT 1322

Total kinematic kerma (high limit)
Cross Section

13-AI-26
-87.68 To 2571. %



73

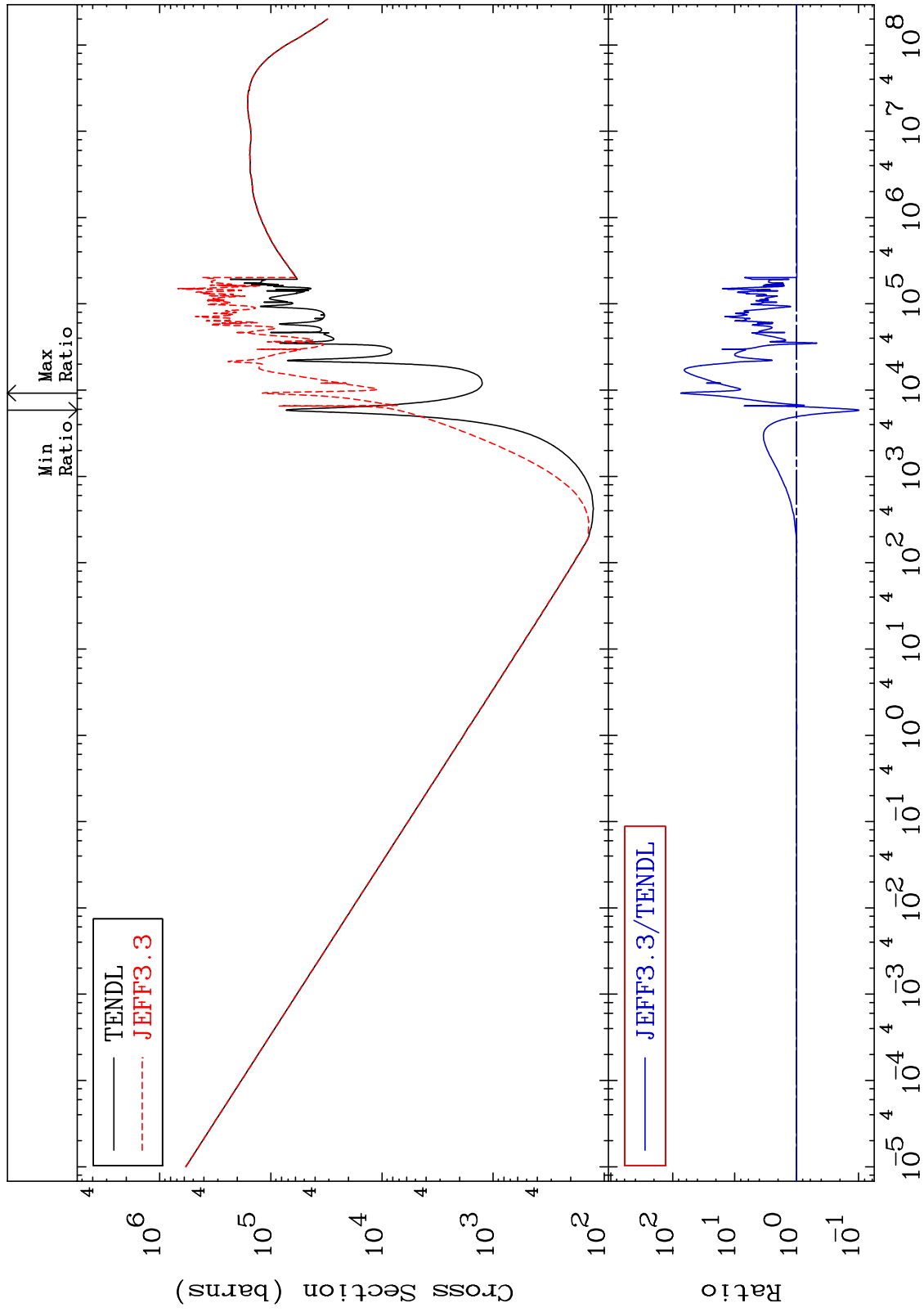
Incident Energy (eV)

13-AI-26

MAT 1322

Dpa total (eV-barns)
Cross Section

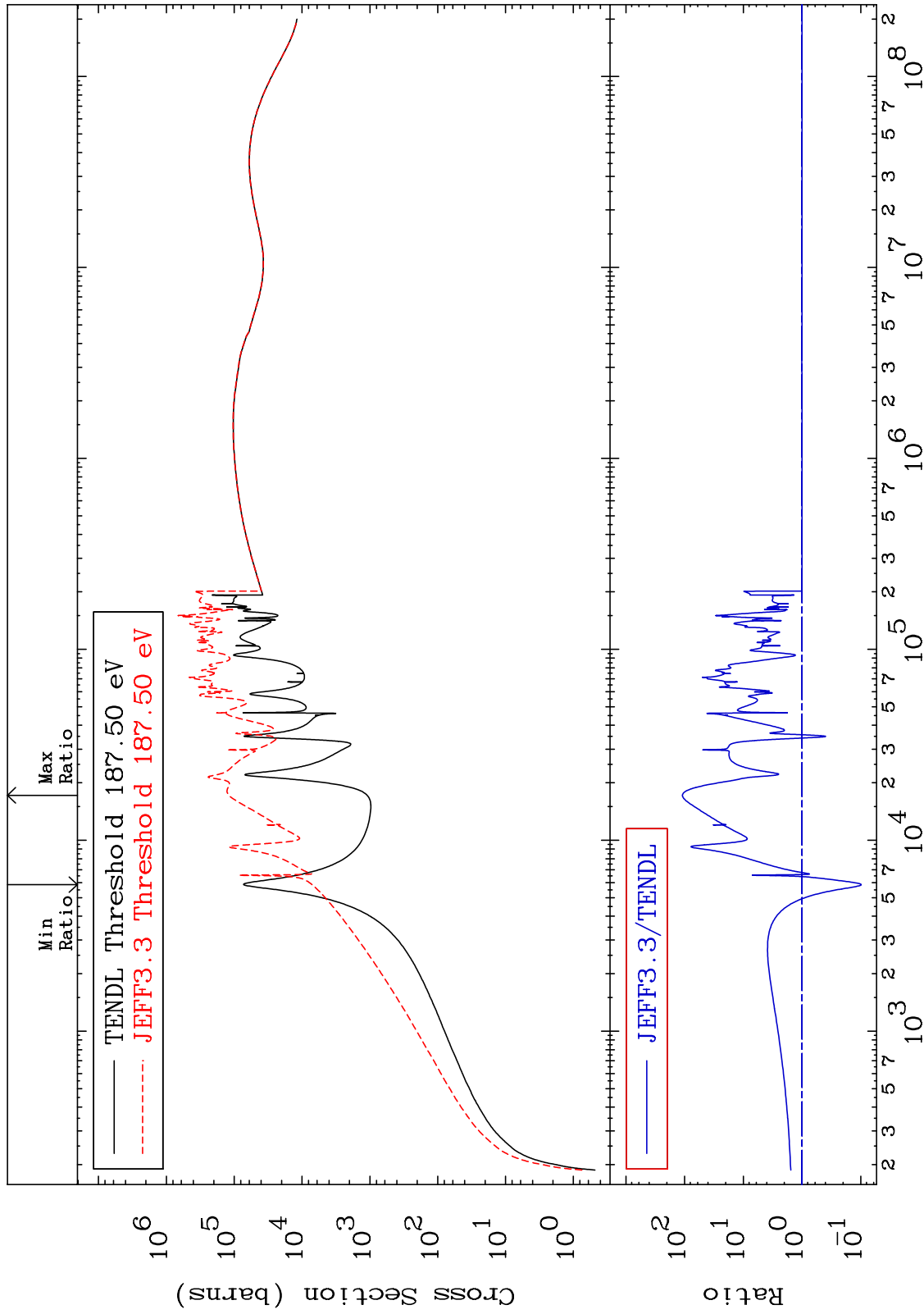
13-AI-26
-90.15 To 7342. %

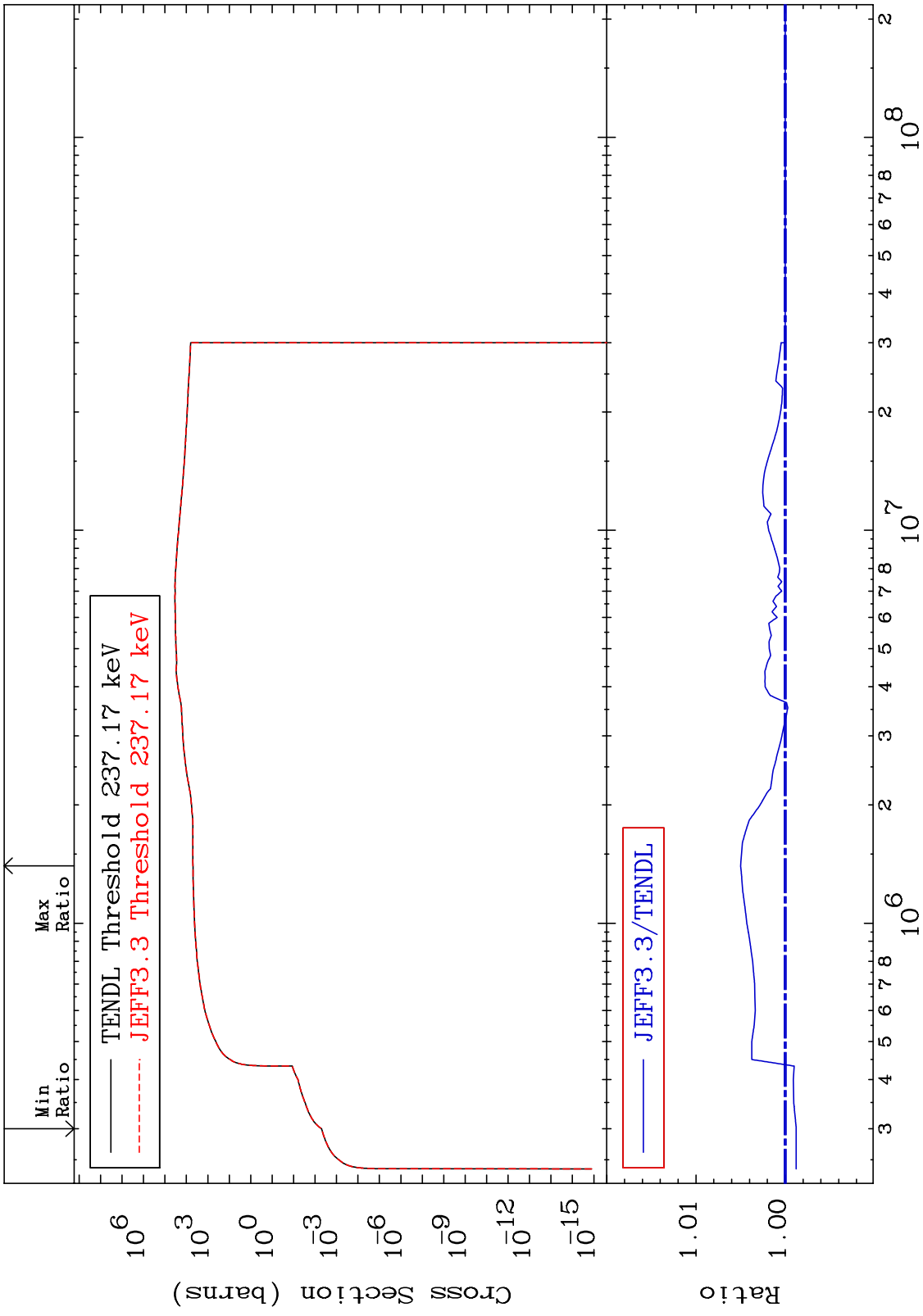


MAT 1322

Dpa elastic (mt2)
Cross Section

13-AI-26
-90.20 To 9999. %

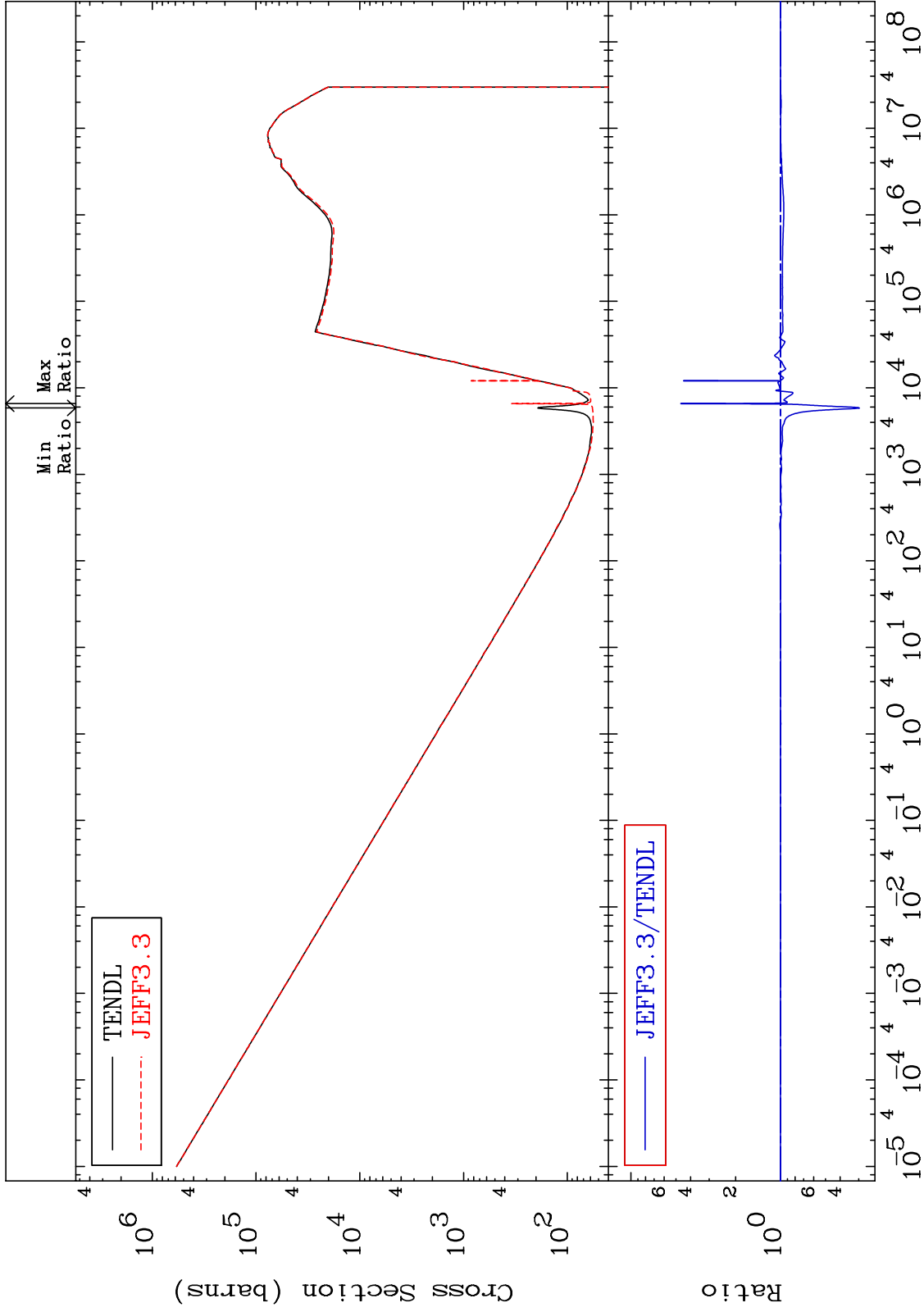




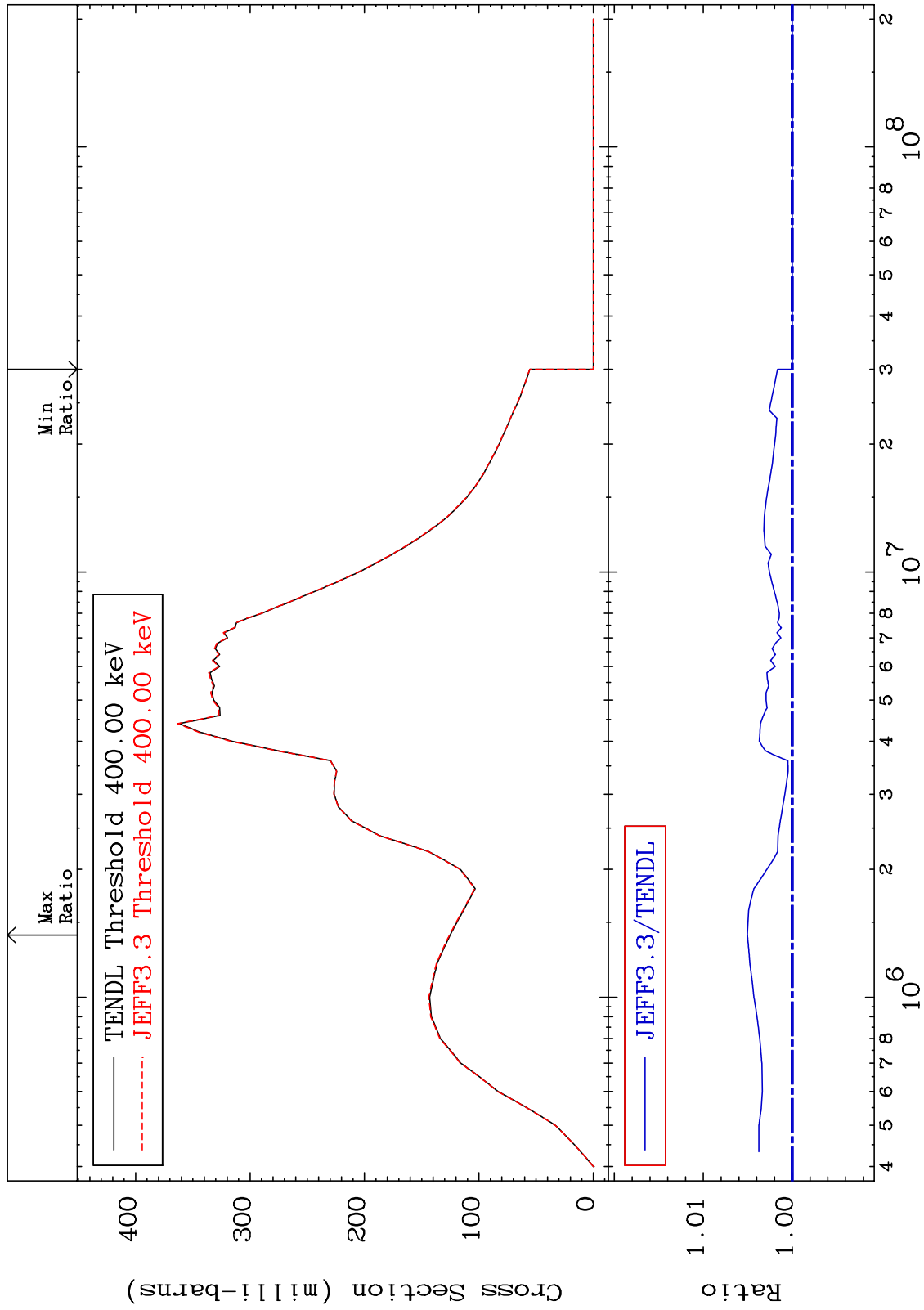
MAT 1322

Dpa disappearance (mt102 -120)
Cross Section

13-AI-26
-70.42 To 364.4 %



MAT 1322 Inelastic: 13-Al-26g 13-Al-26
Radionuclide Production Cross Section 0.000 To 0.505 %

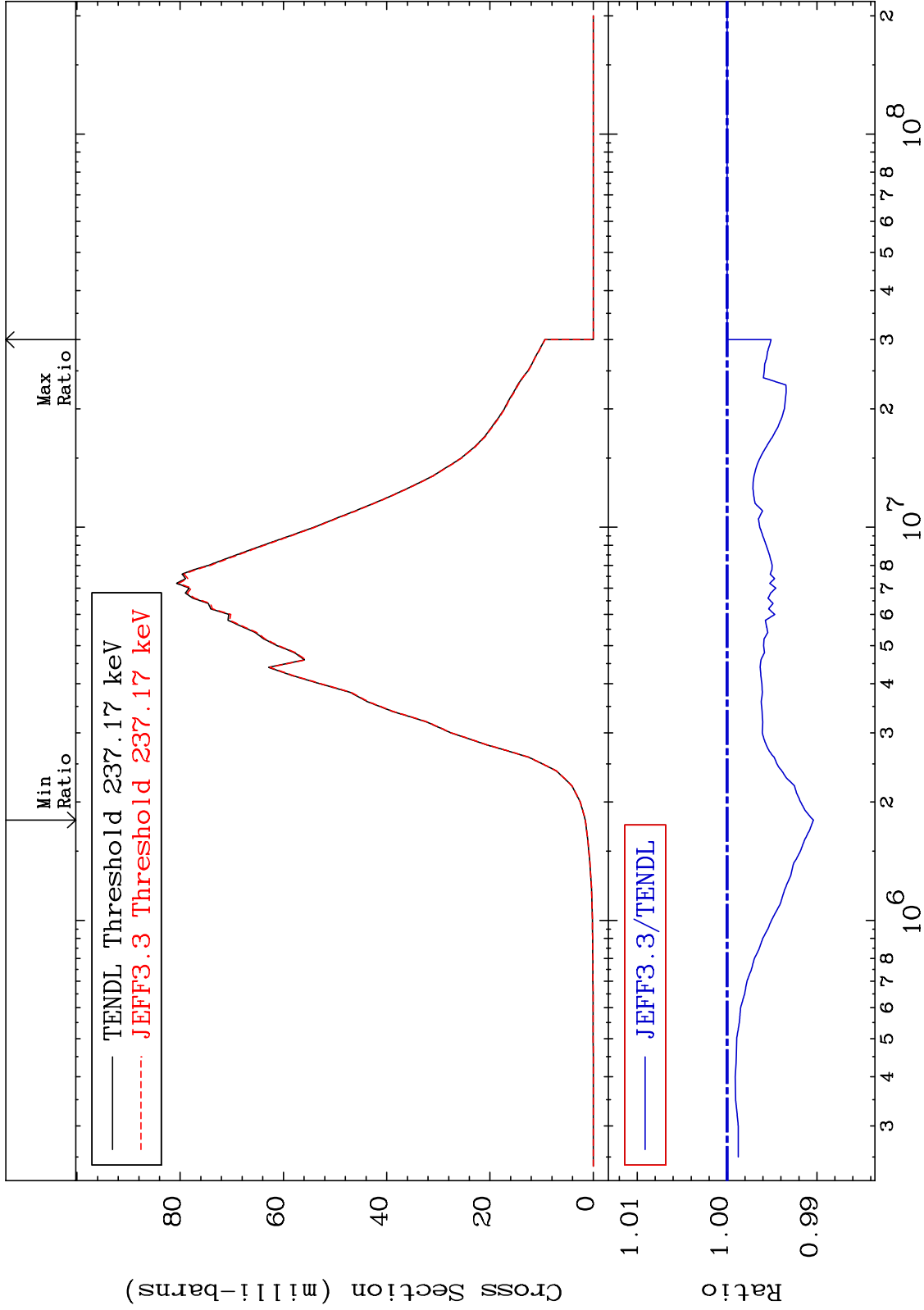


MAT 1322

Inelastic:13-Al-26m1

13-Al-26

Radionuclide Production Cross Section -0.961 To 0.000 %



79

Incident Energy (eV)

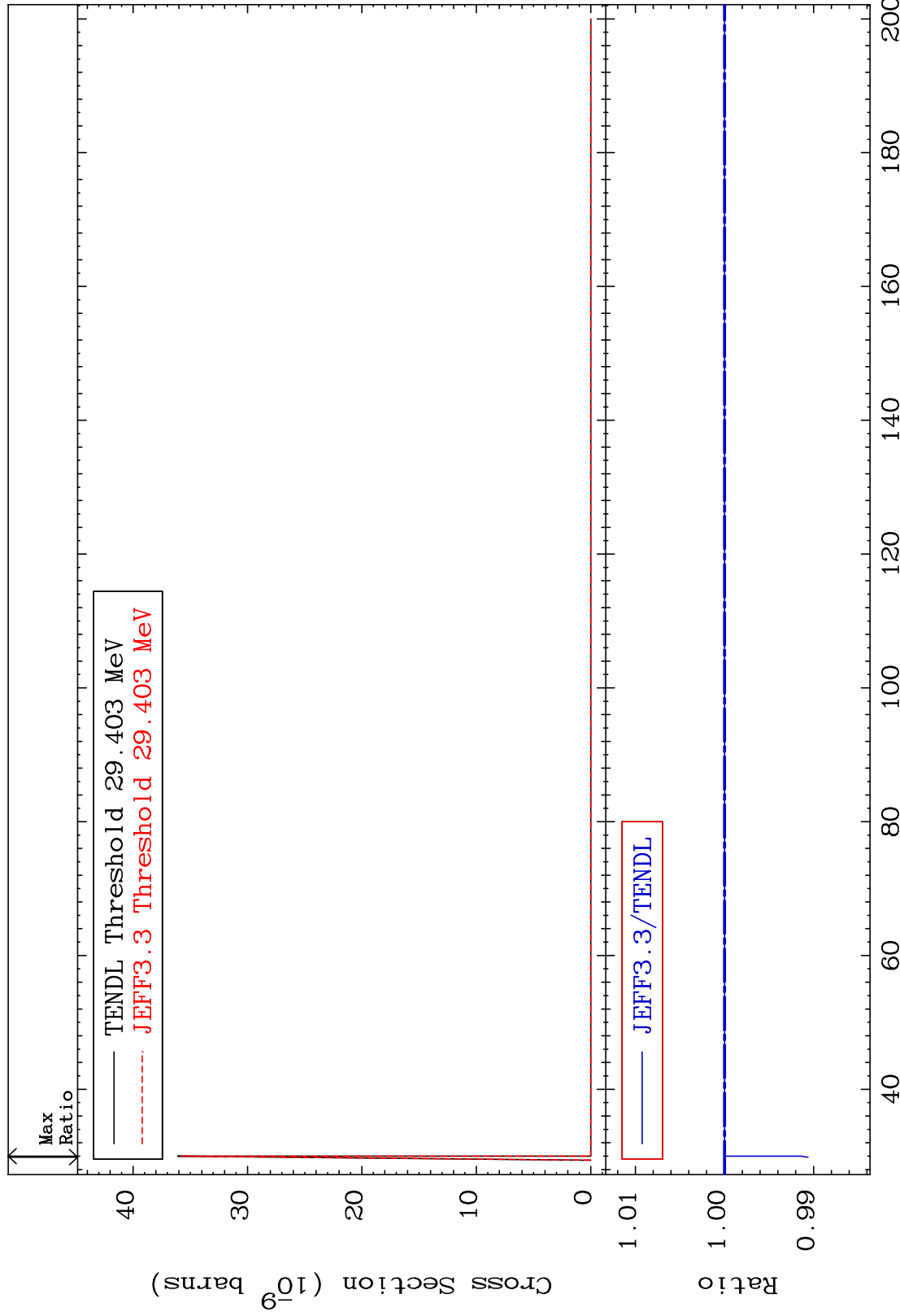
13-Al-26

MAT 1322

(n,3n) : 13-Al-24g

13-Al-26

Radionuclide Production Cross Section -0.938 To 0.000 %



80

Incident Energy (MeV)

13-Al-26

Radionuclide Production Cross Section -2.777 To 0.000 %

