

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

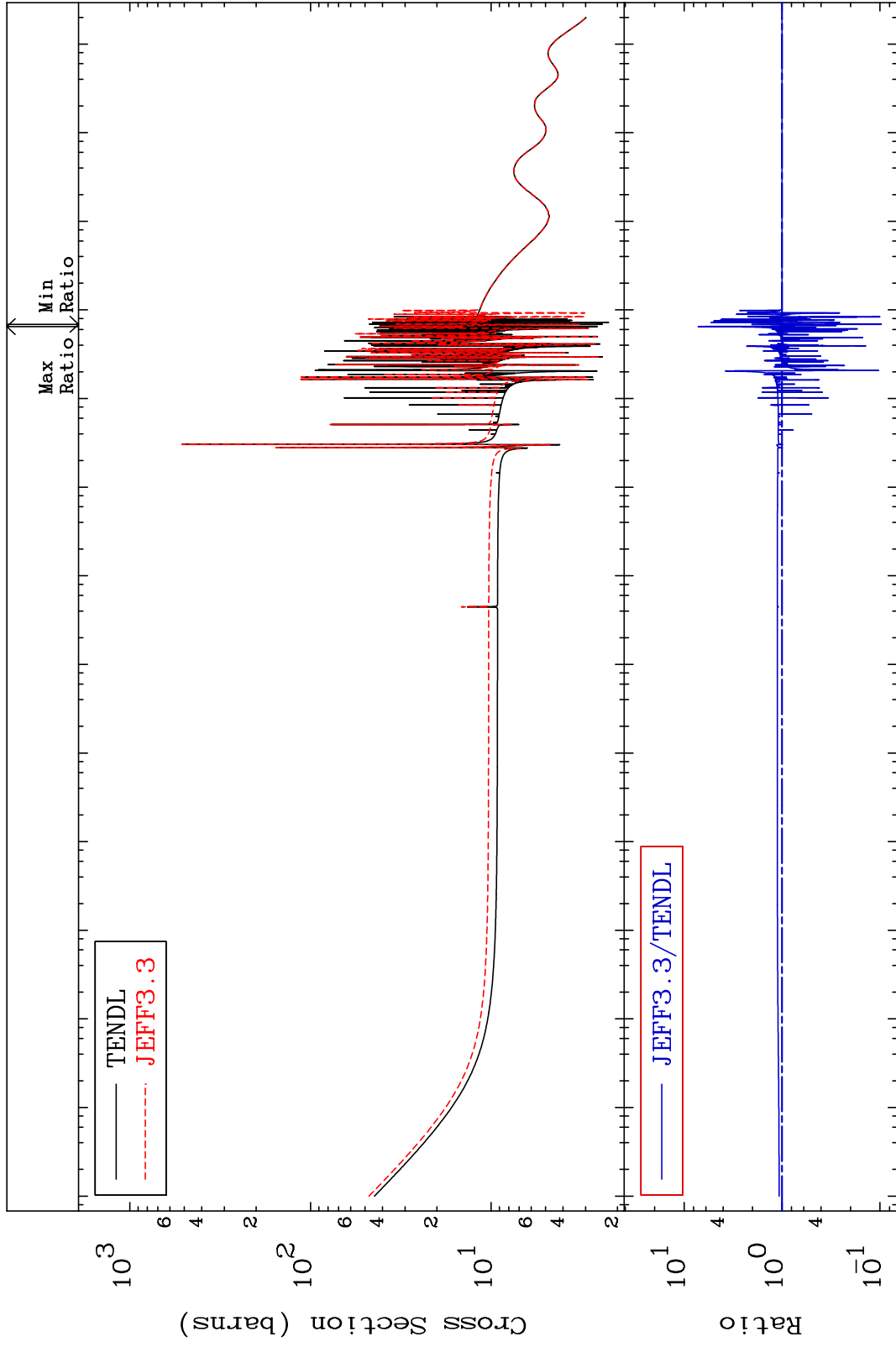
MAT 8131

Total

81-Tl-205

Cross Section

-90.37 To 615.6 %



Incident Energy (eV)

81-Tl-205

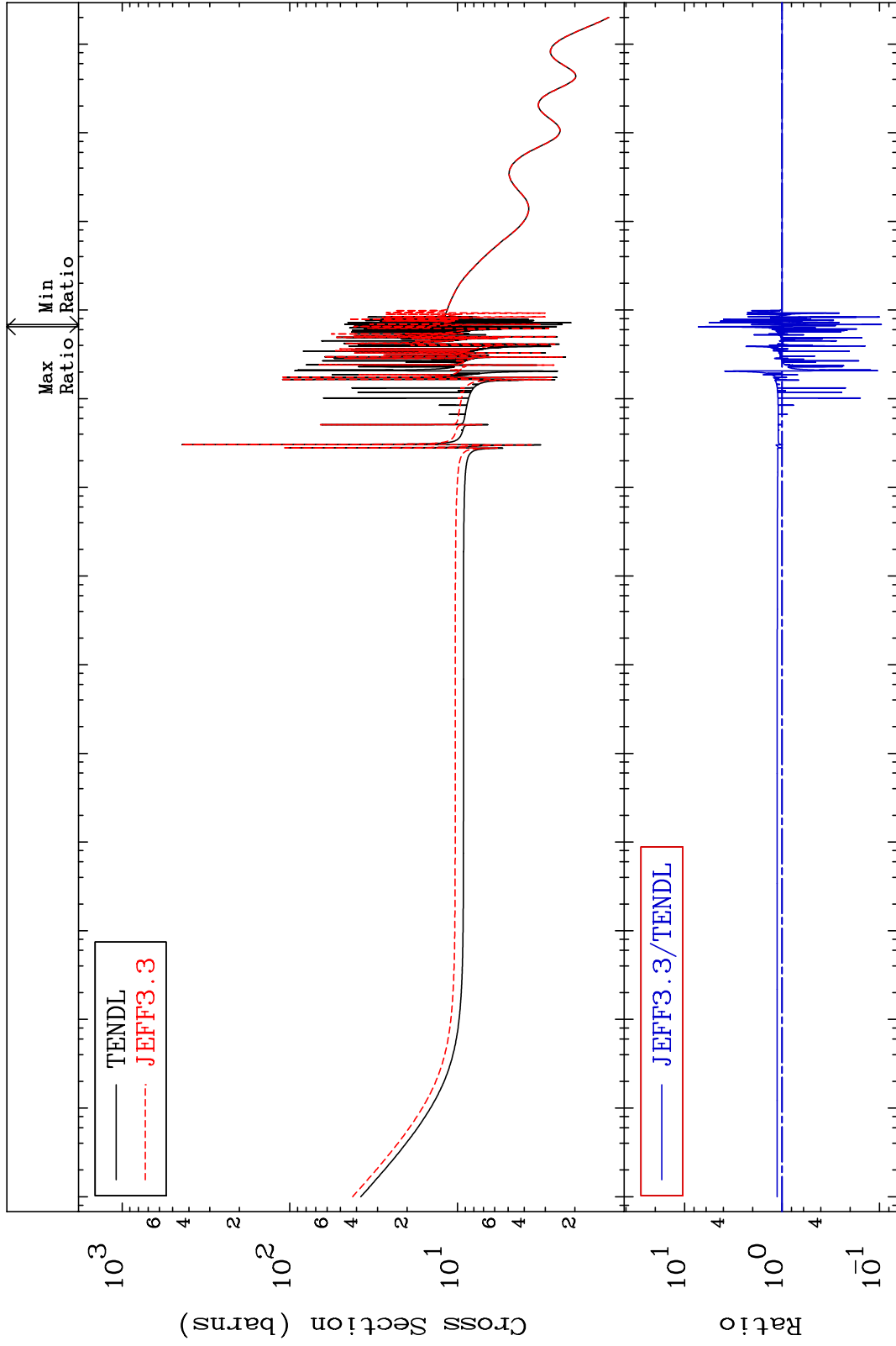
MAT 8131

Elastic

Cross Section

81-Tl-205

-90.48 To 621.6 %



Incident Energy (eV)

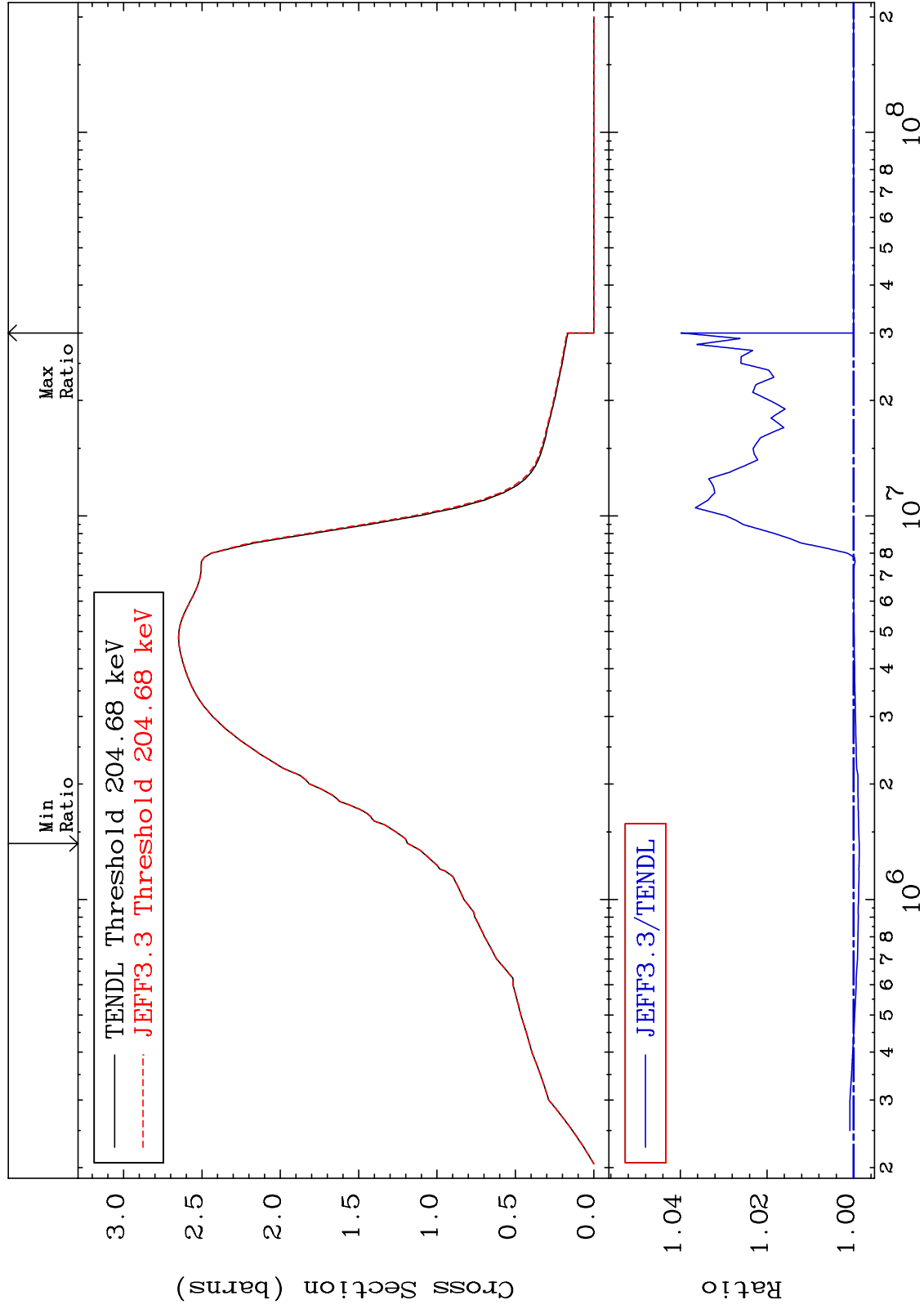
81-Tl-205

2

MAT 8131

Inelastic
Cross Section

81-Tl-205
-0.130 To 3.982 %



Incident Energy (eV)

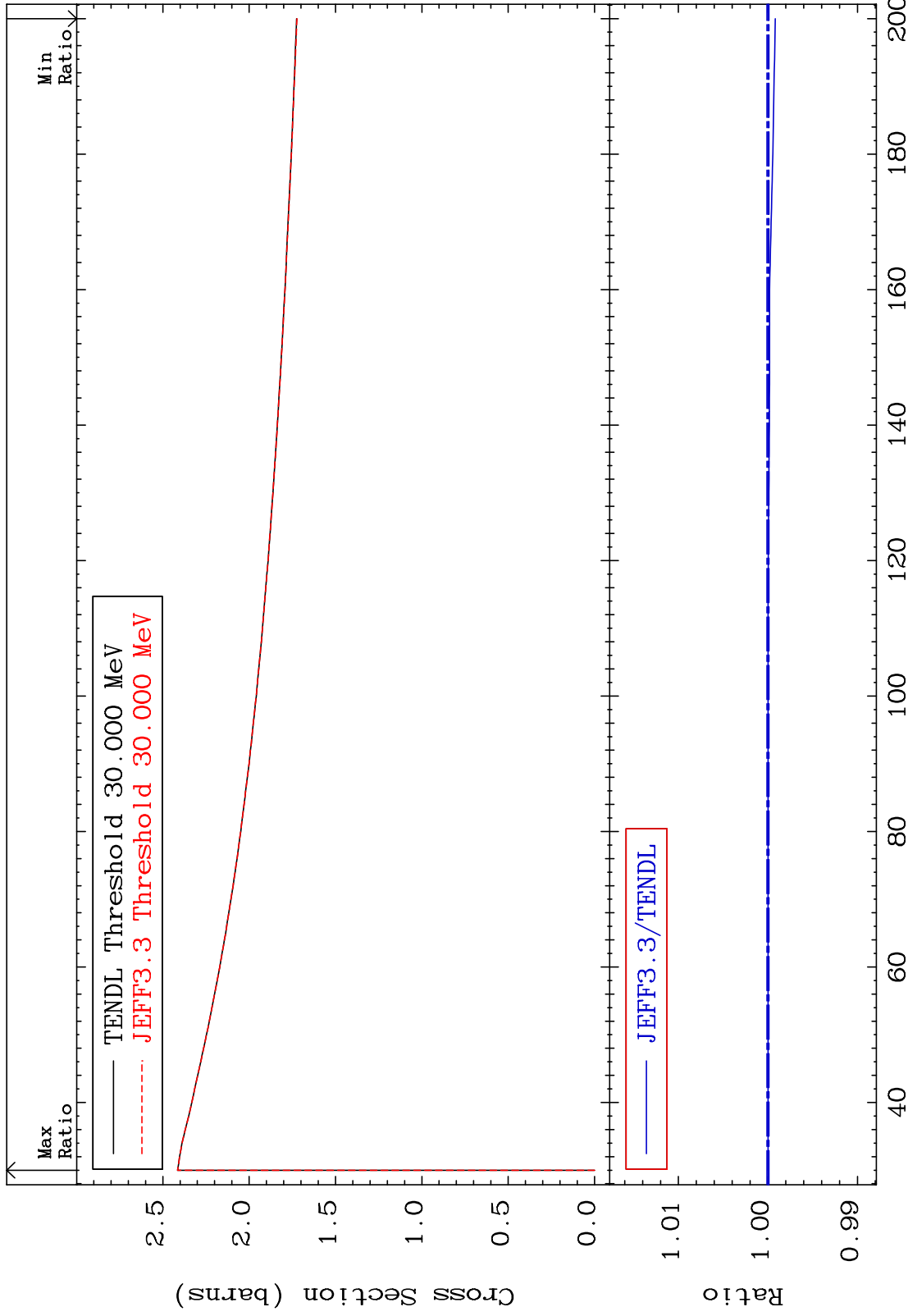
81-Tl-205

3

MAT 8131

(n, remainder)
Cross Section

81-Tl-205
-0.082 To 0.000 %



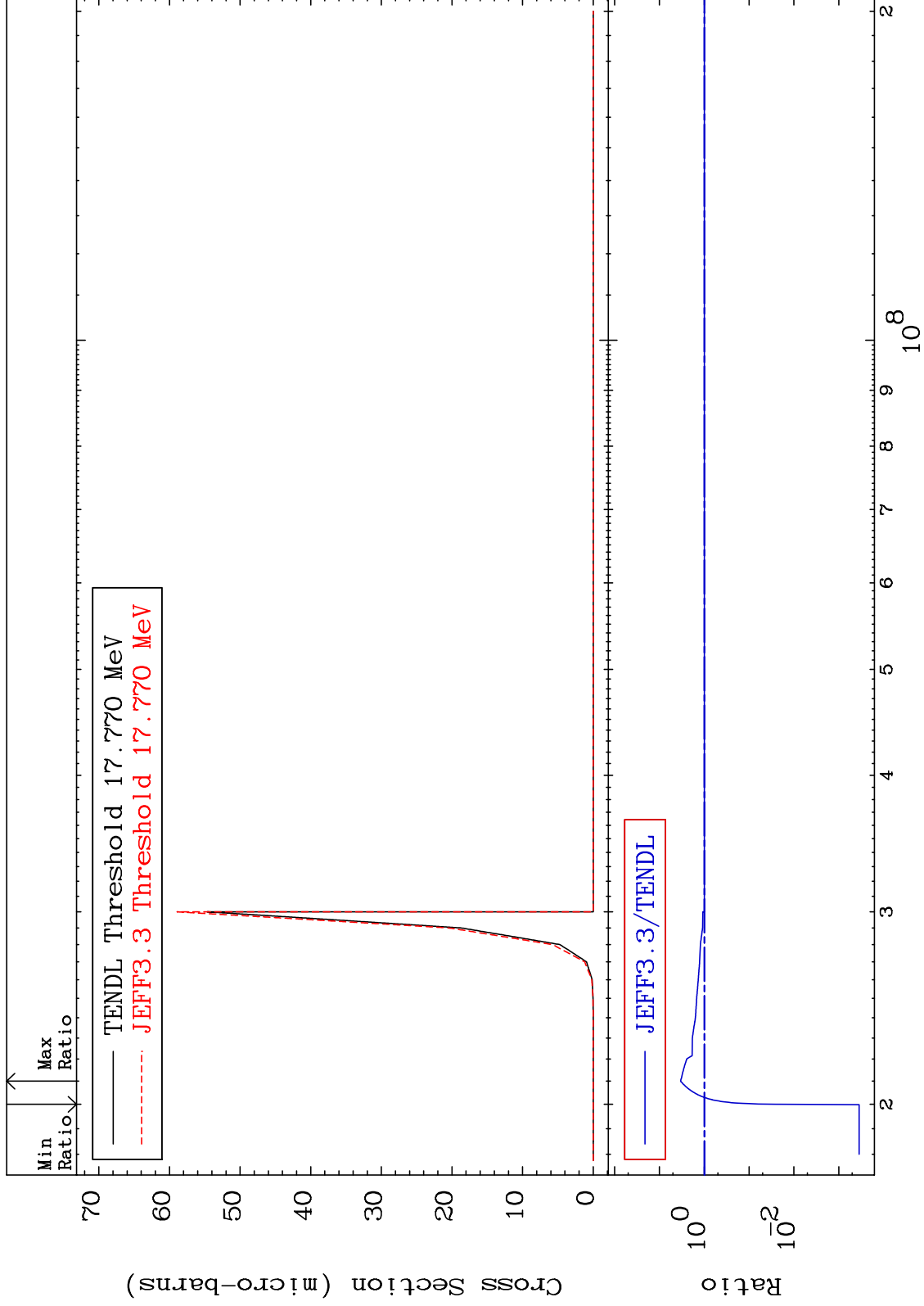
MAT 8131

(n,2n) d

81-Tl-205

Cross Section

-99.96 To 237.3 %



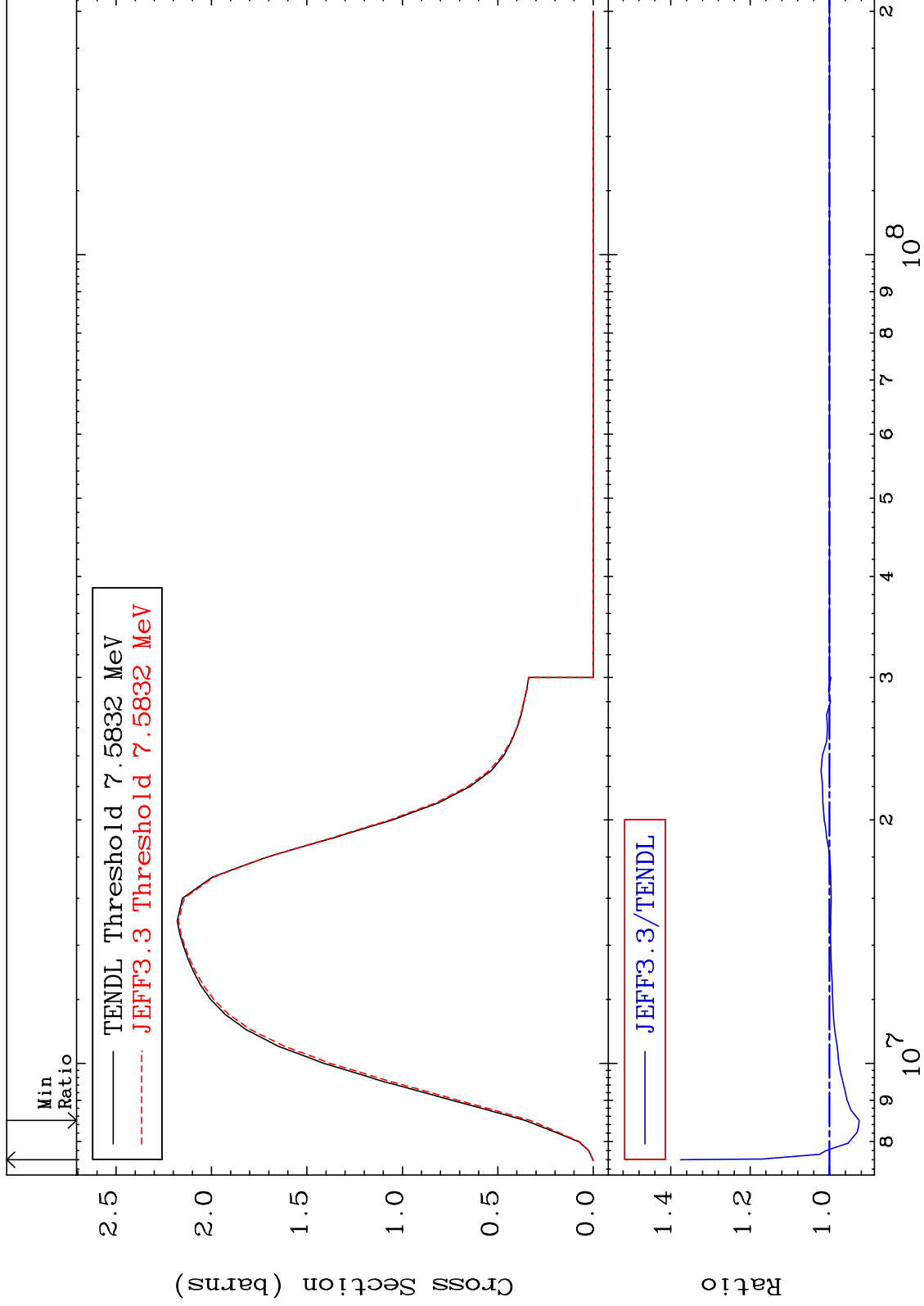
MAT 8131

(n,2n)

81-Tl-205

Cross Section

-7.478 To 37.51 %



6

Incident Energy (eV)

81-Tl-205

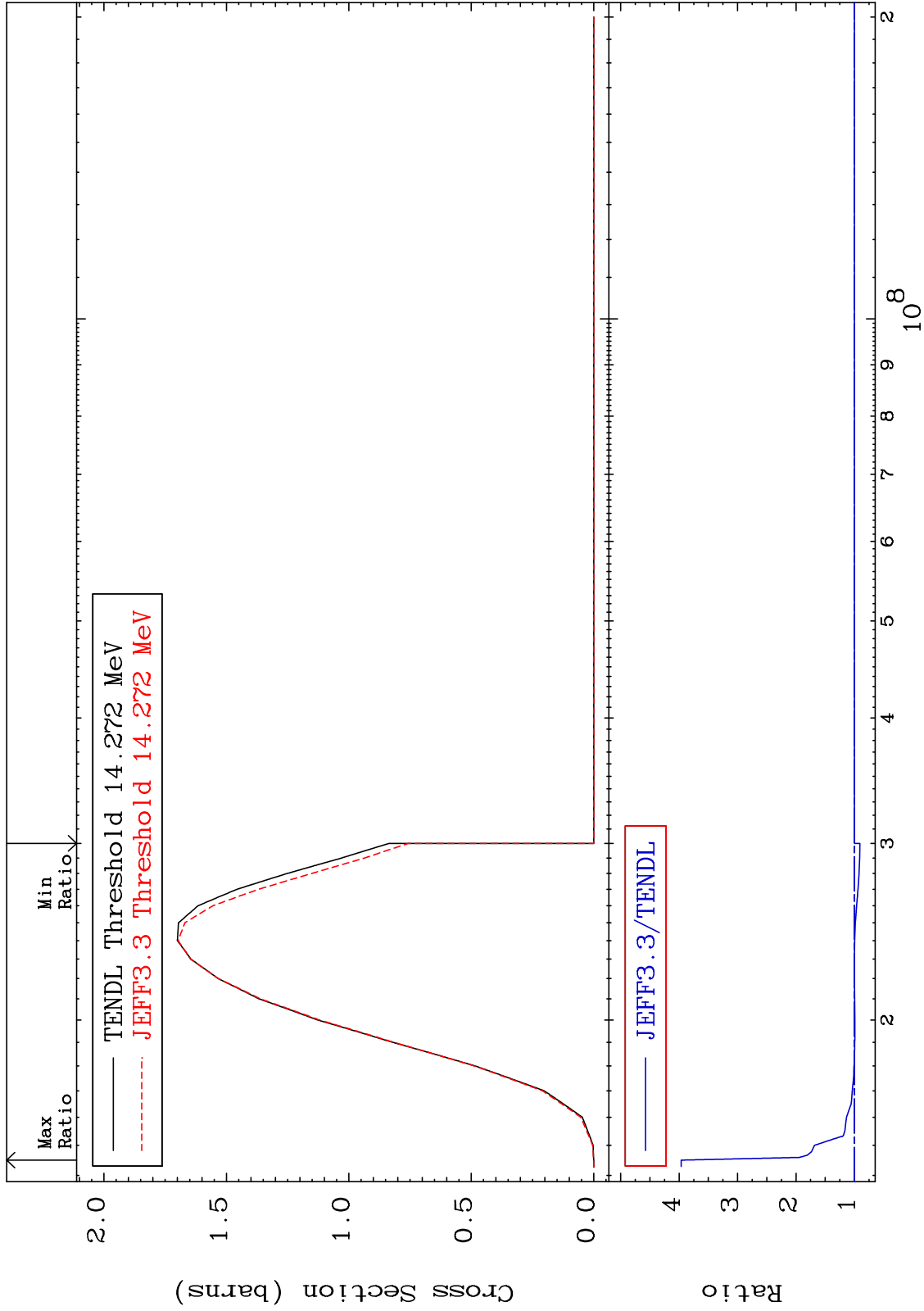
MAT 8131

(n, 3n)

81-Tl-205

Cross Section

-9.411 To 296.4 %



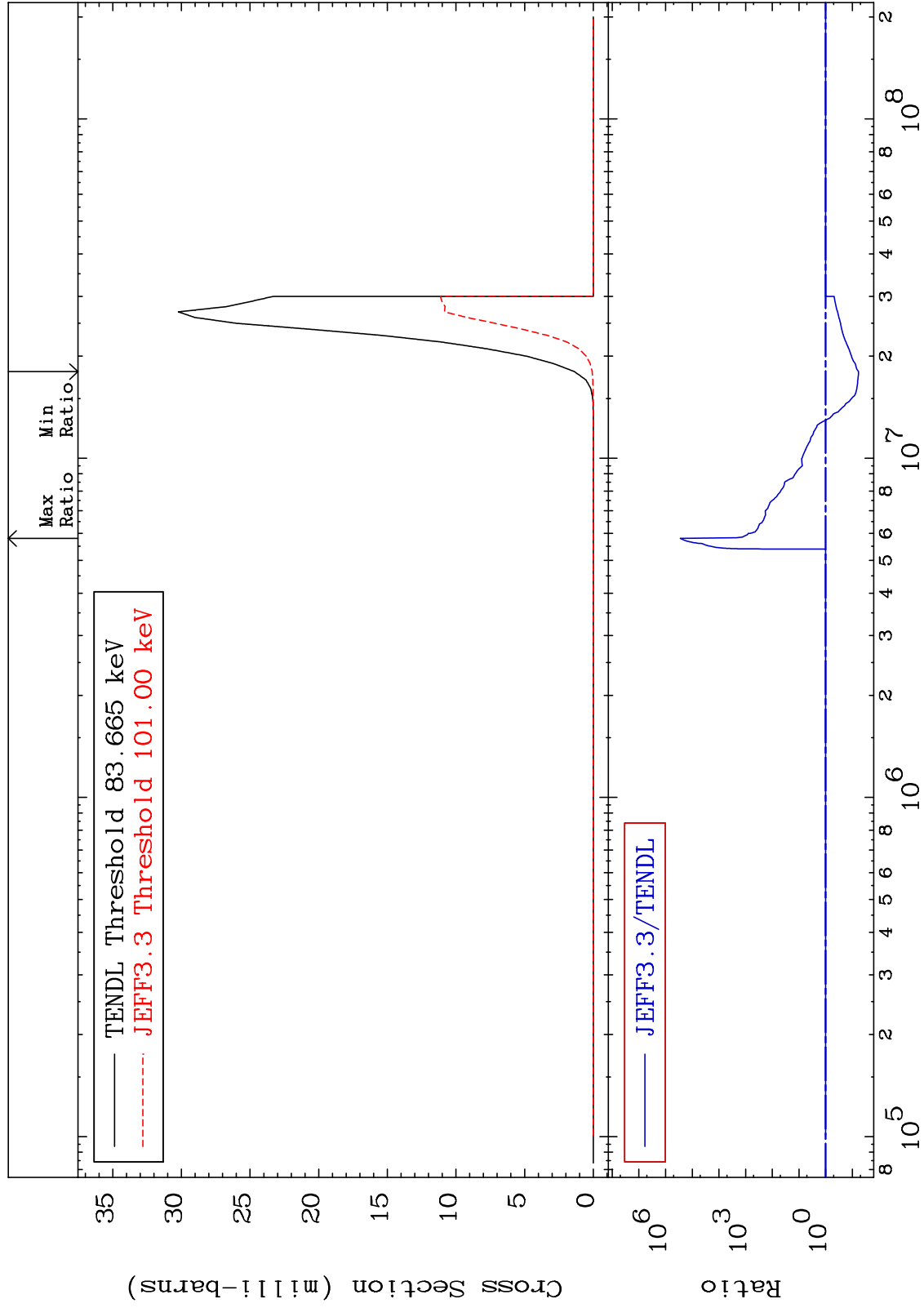
MAT 8131

(n,n') α

81-Tl-205

-94.16 To 9999. %

Cross Section



81-Tl-205

Incident Energy (eV)

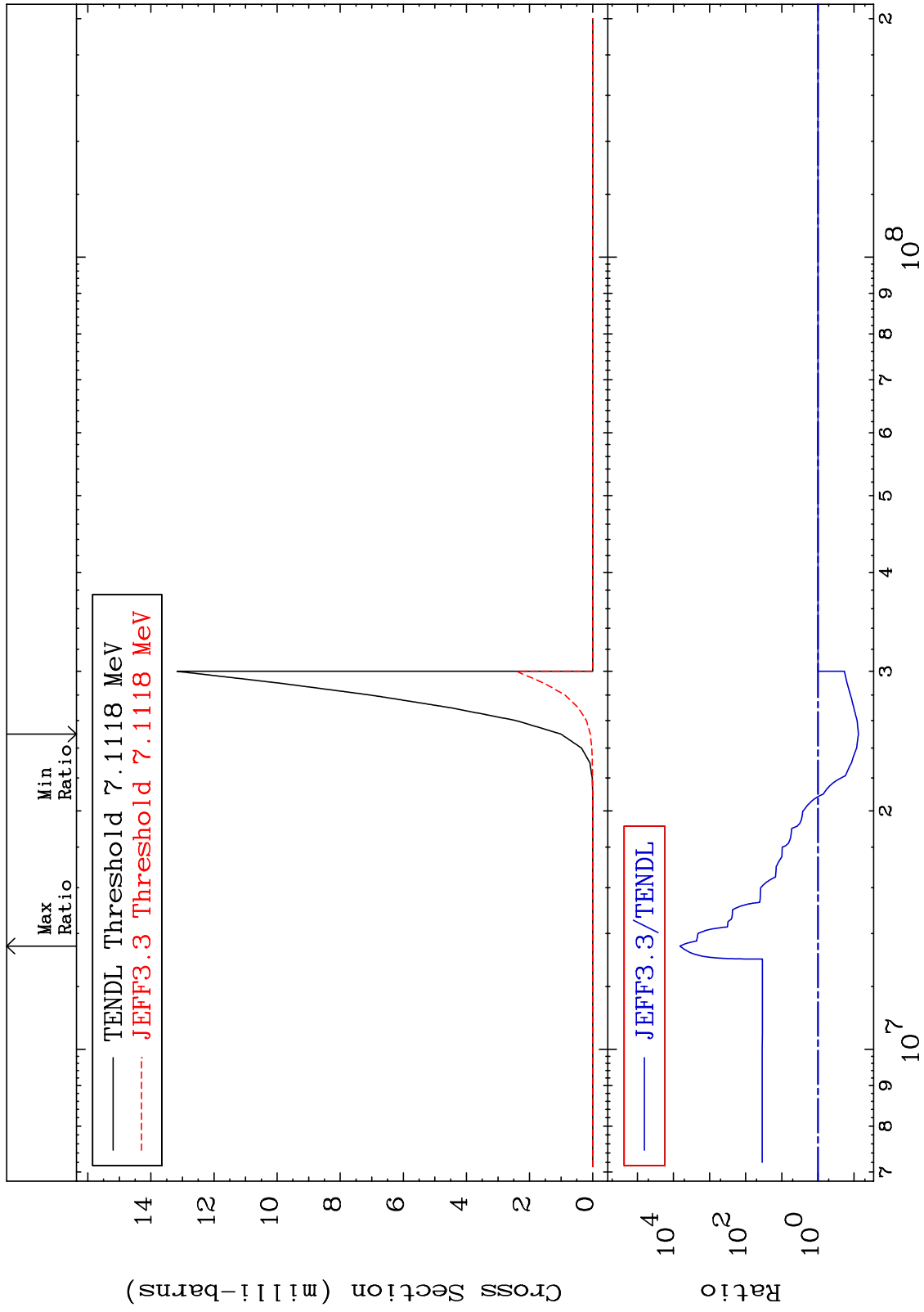
MAT 8131

(n,2n) α

81-Tl-205

Cross Section

-92.43 To 9999. %



9

Incident Energy (eV)

81-Tl-205

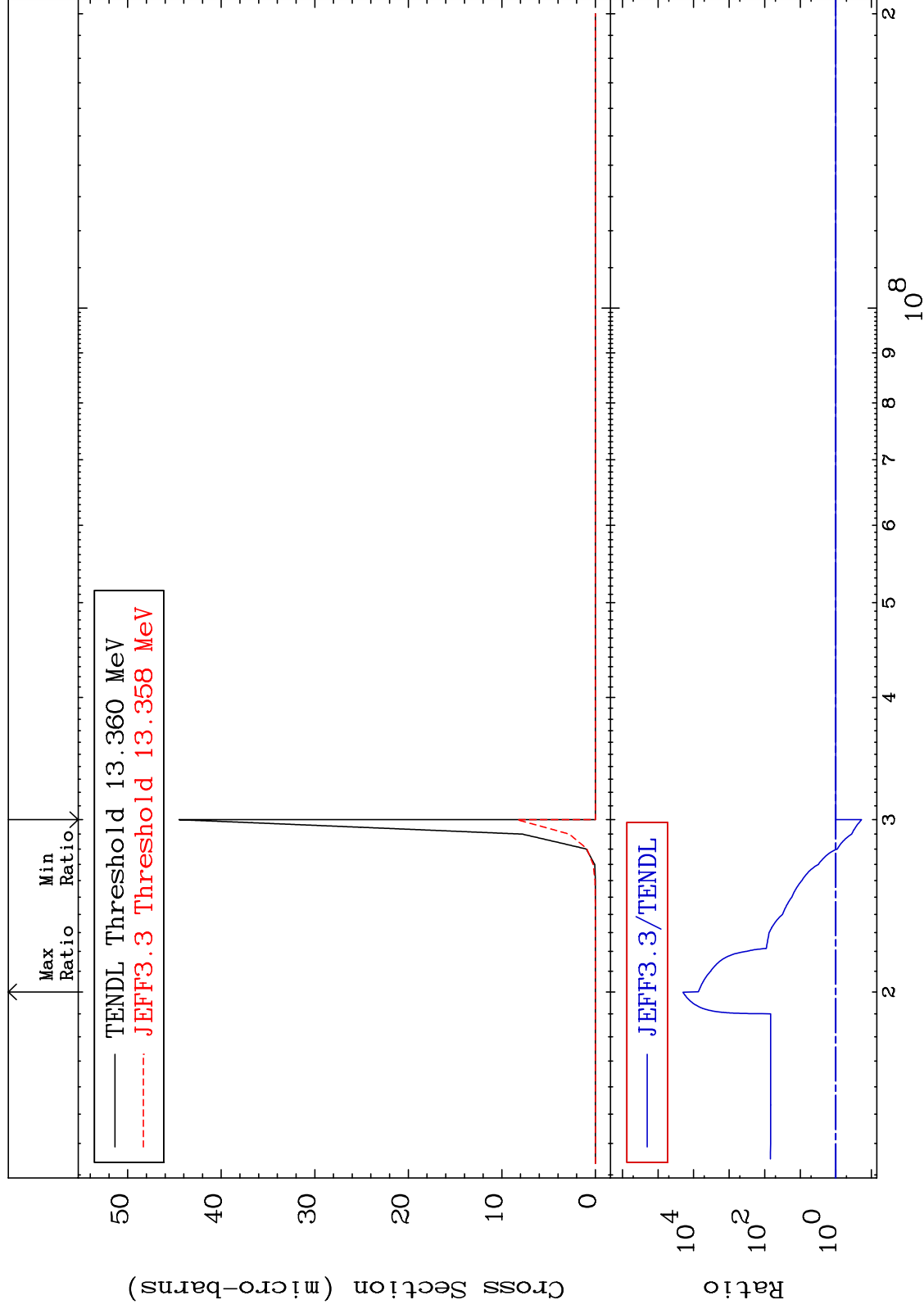
MAT 8131

(n,3n) α

81-Tl-205

Cross Section

-81.14 To 9999. %



10

Incident Energy (eV)

81-Tl-205

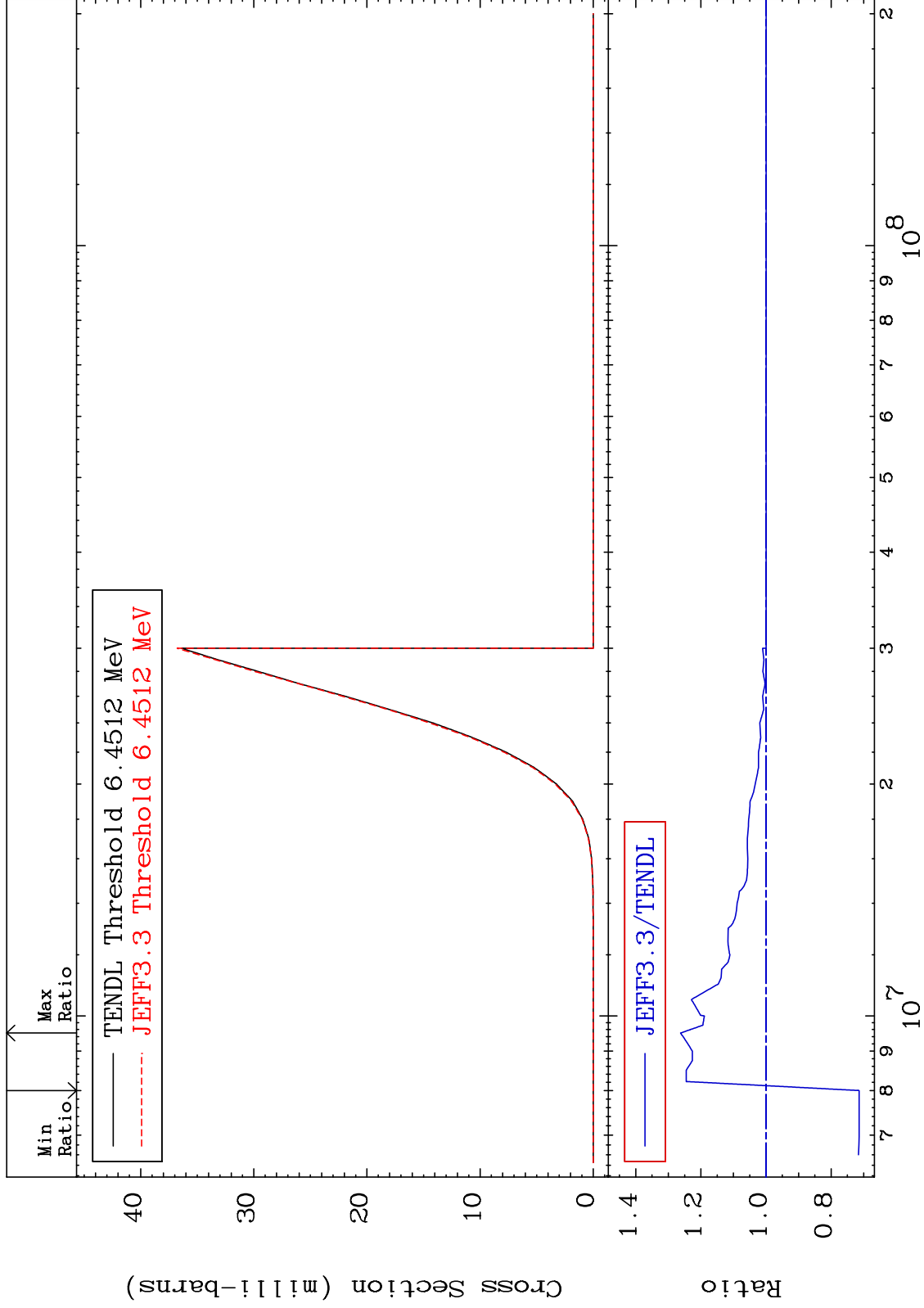
MAT 8131

(n,n') p

81-Tl-205

Cross Section

-28.60 To 26.22 %



11

Incident Energy (eV)

81-Tl-205

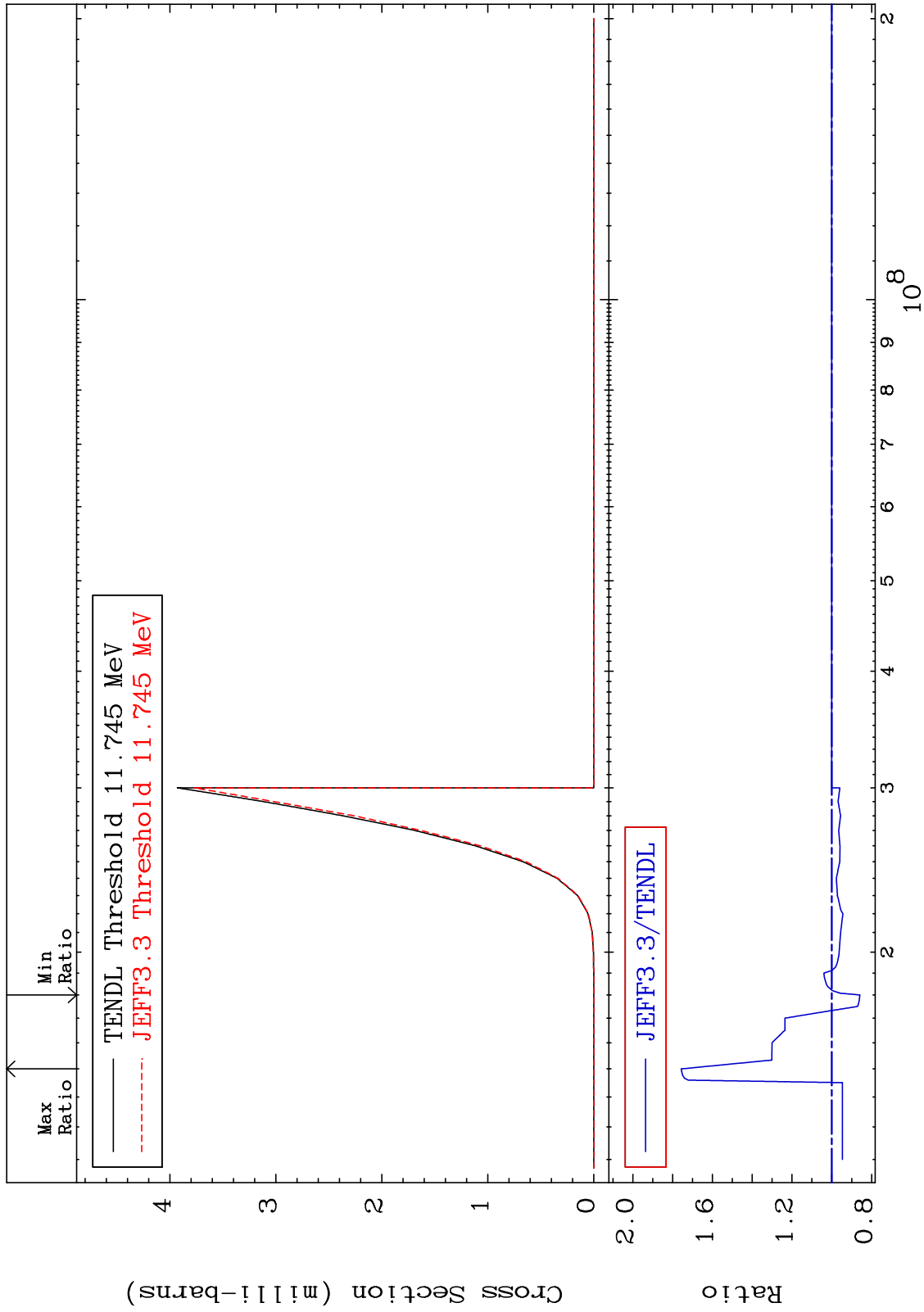
MAT 8131

(n,n') d

81-Tl-205

Cross Section

-14.14 To 75.68 %



12

Incident Energy (eV)

81-Tl-205

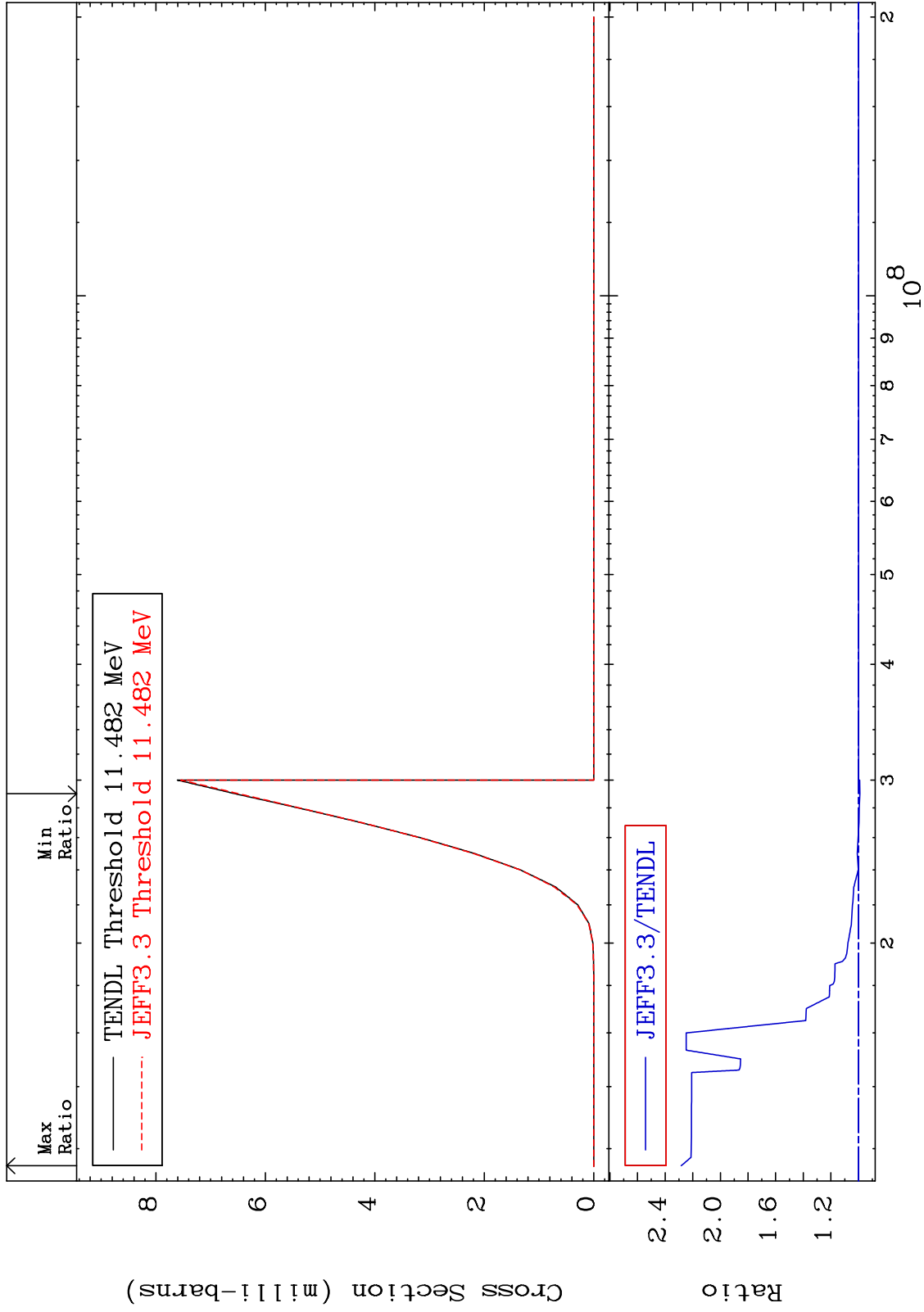
MAT 8131

(n,n') t

81-Tl-205

Cross Section

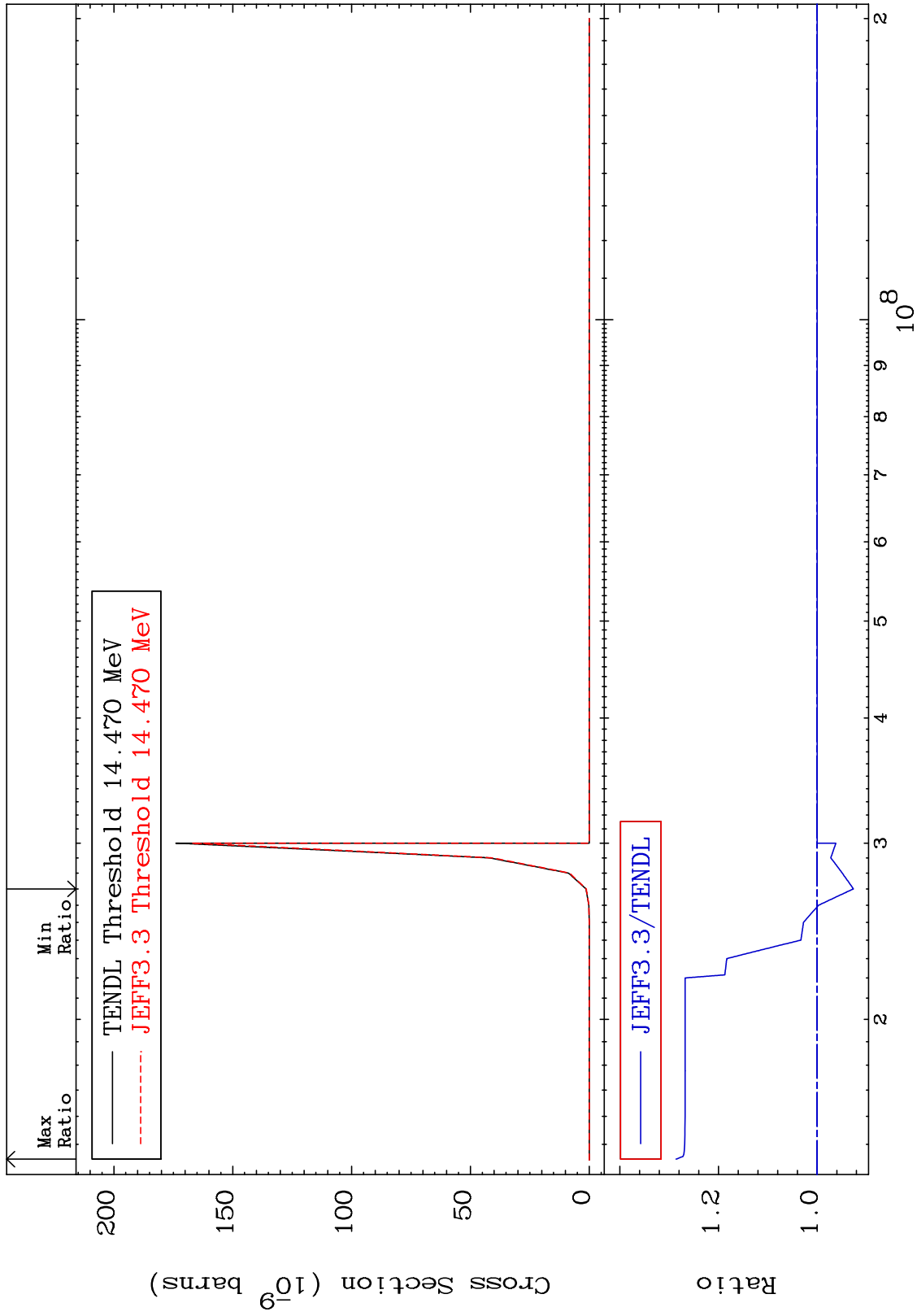
-0.992 To 128.3 %



MAT 8131

(n,n') He-3
Cross Section

81-Tl-205
-7.372 To 28.58 %



MAT 8131

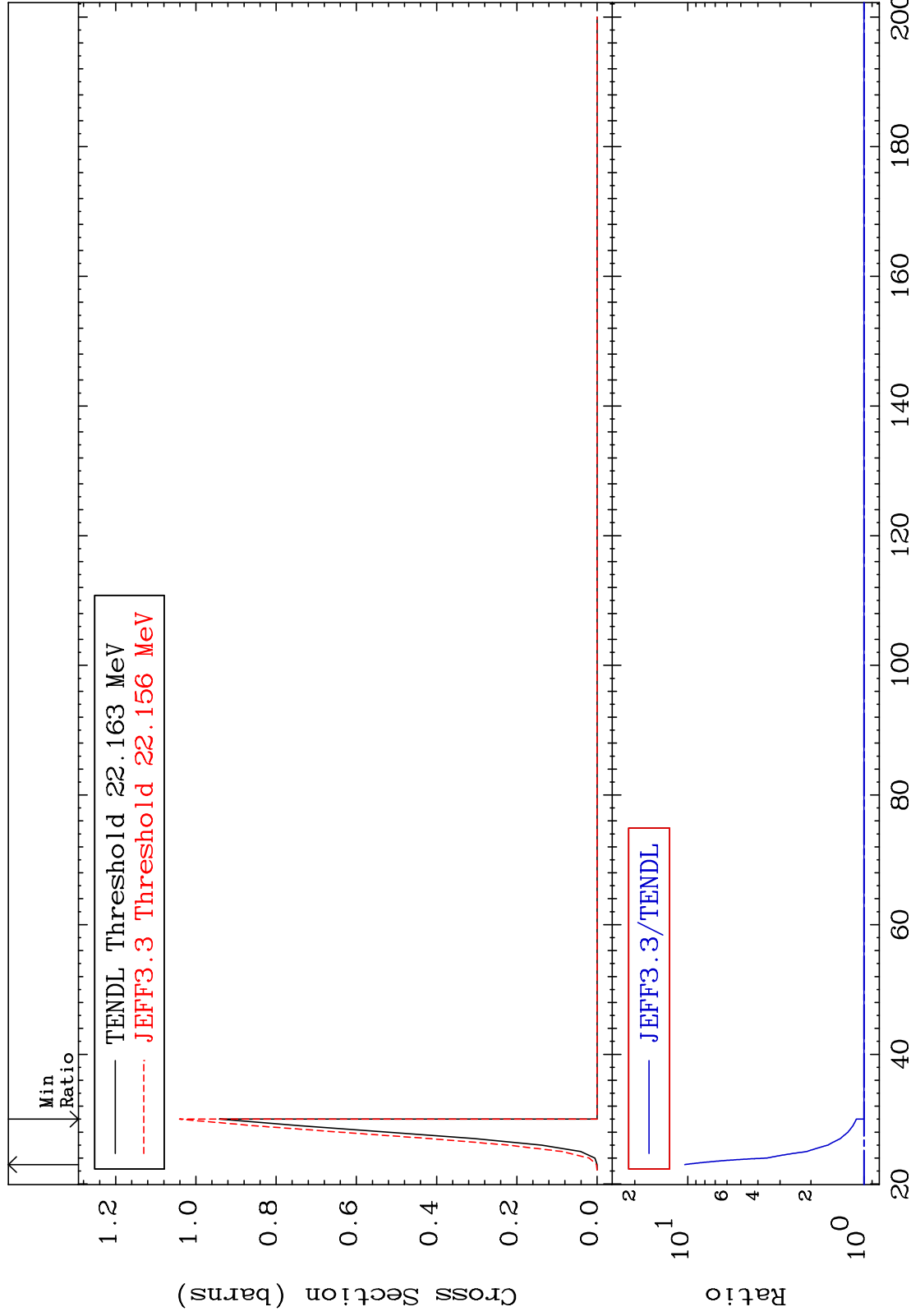
(n, 4n)

81-Tl-205

Cross Section

0.000

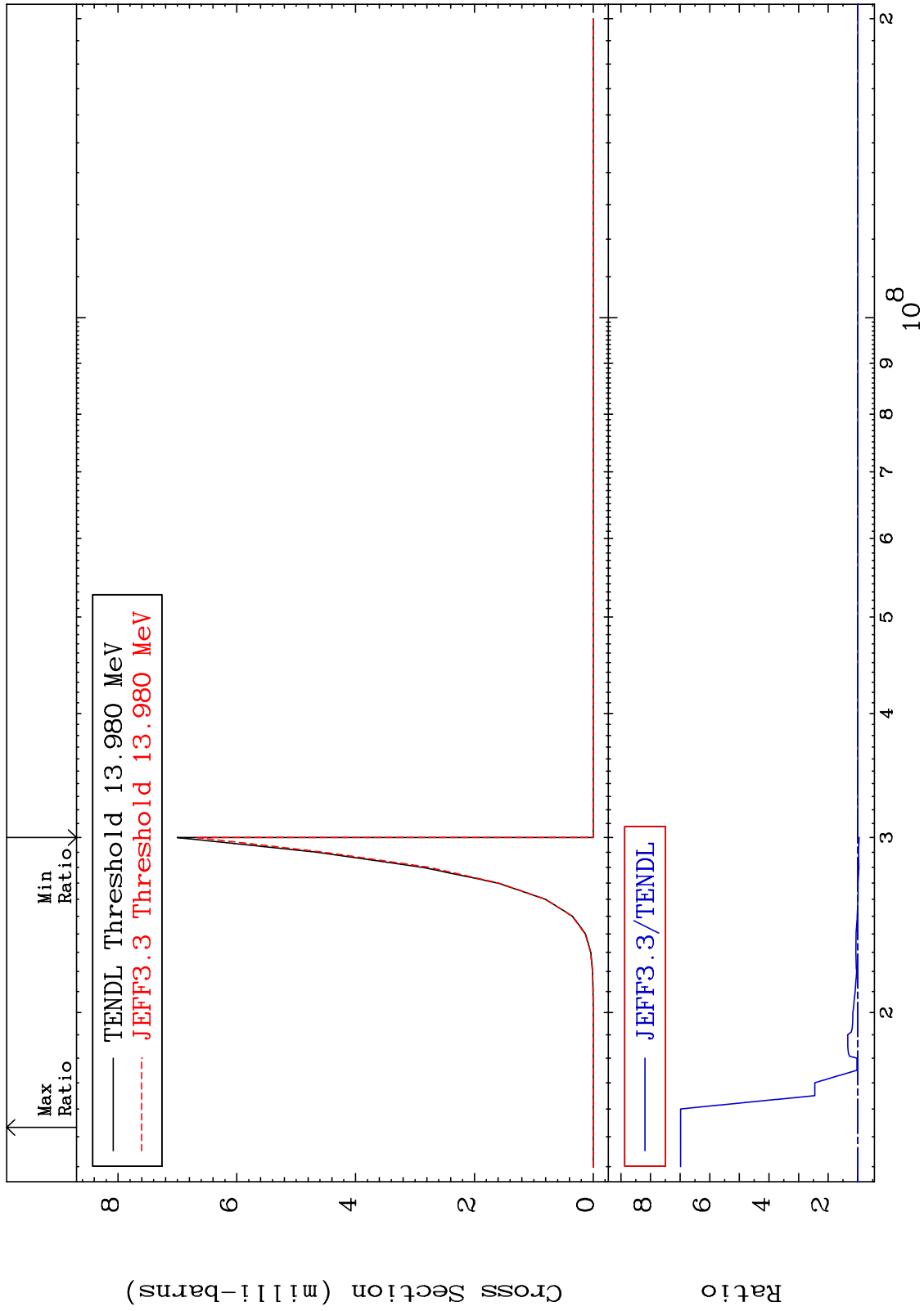
To 940.5 %



MAT 8131

(n,2n) p
Cross Section

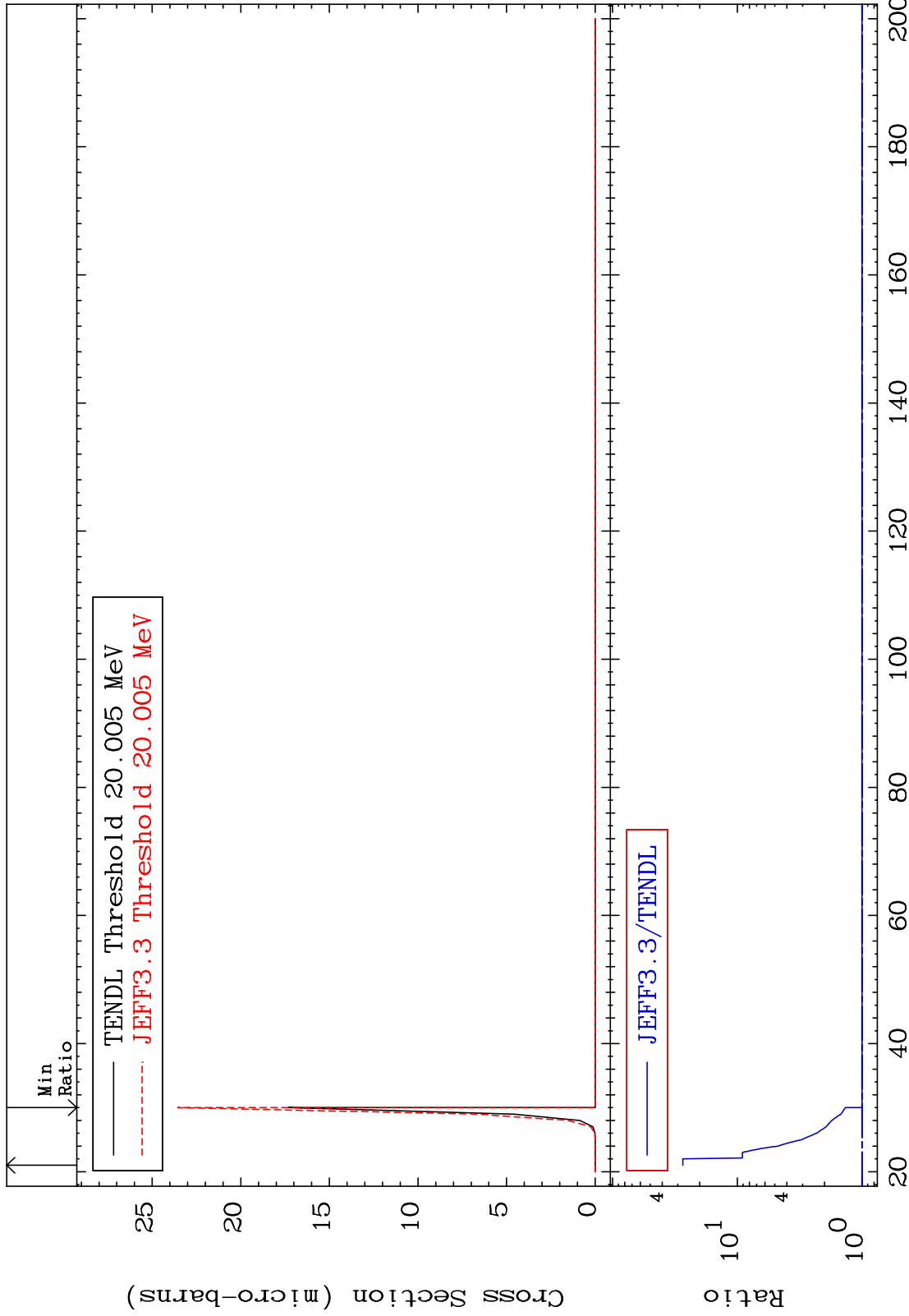
81-Tl-205
-4.596 To 598.4 %



MAT 8131

(n,3n) p
Cross Section

81-Tl-205
0.000 To 2632. %



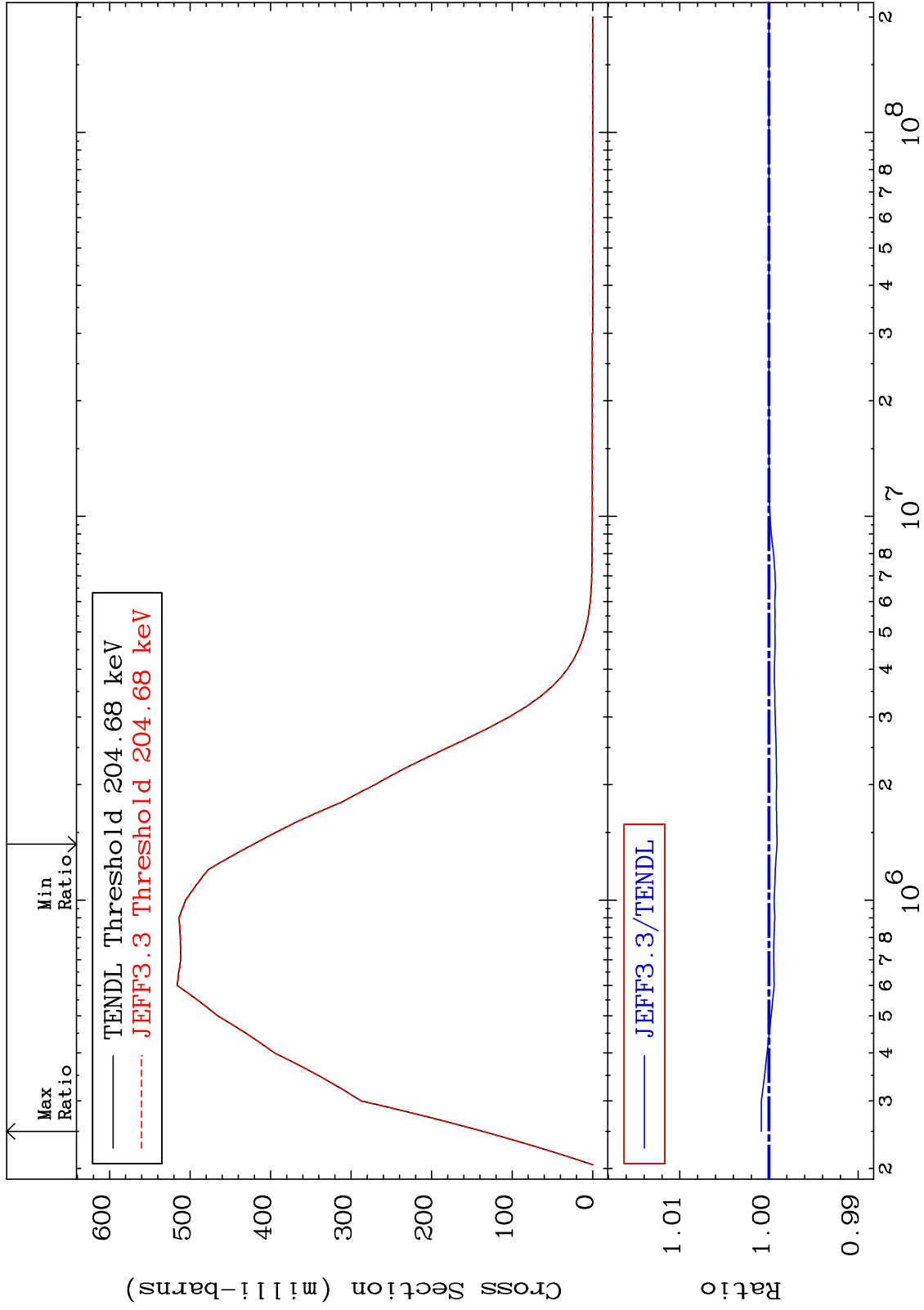
81-Tl-205

17

MAT 8131

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

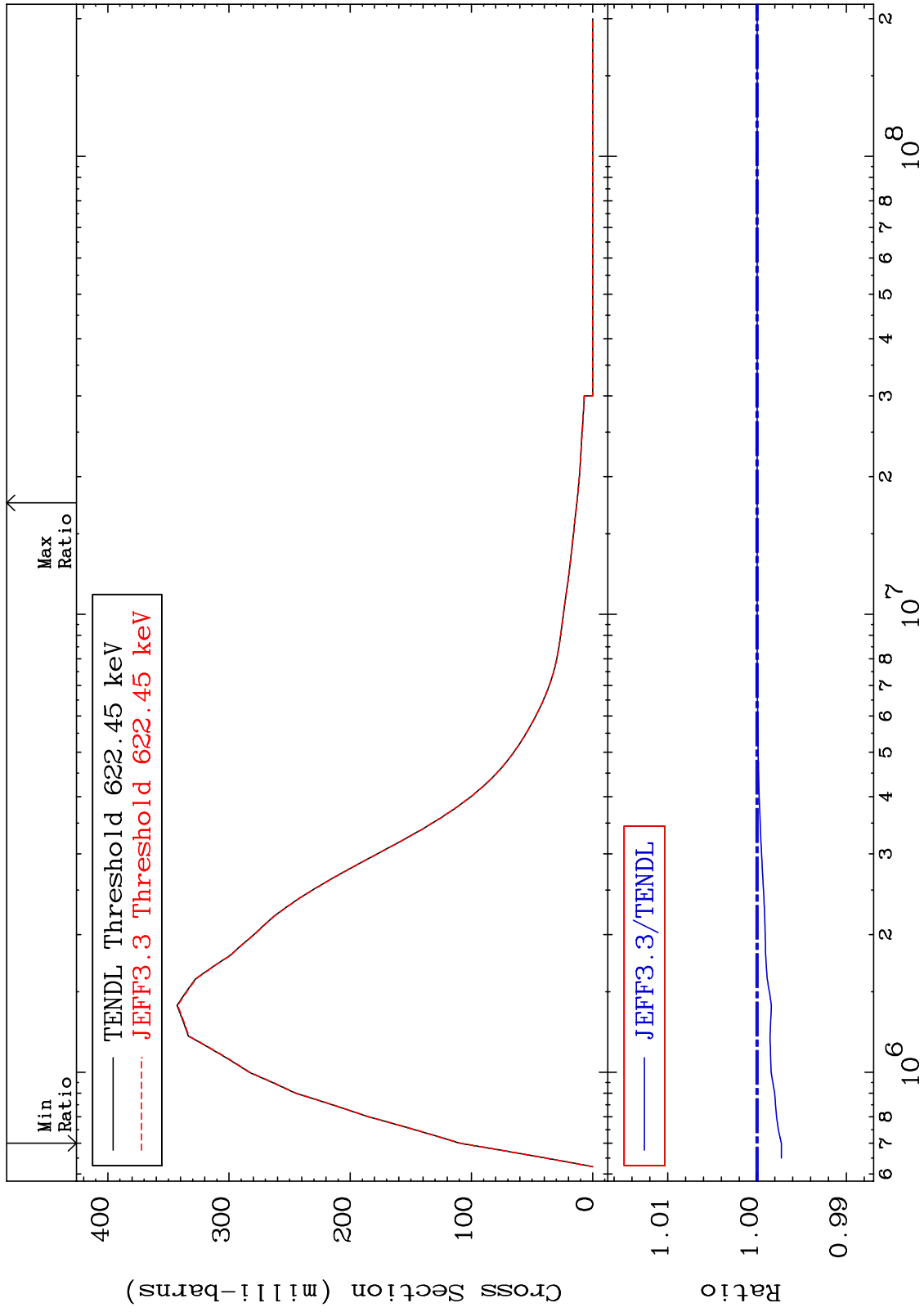
81-Tl-205
-0.090 To 0.086 %



MAT 8131

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

81-Tl-205
-0.272 To 0.000 %



19

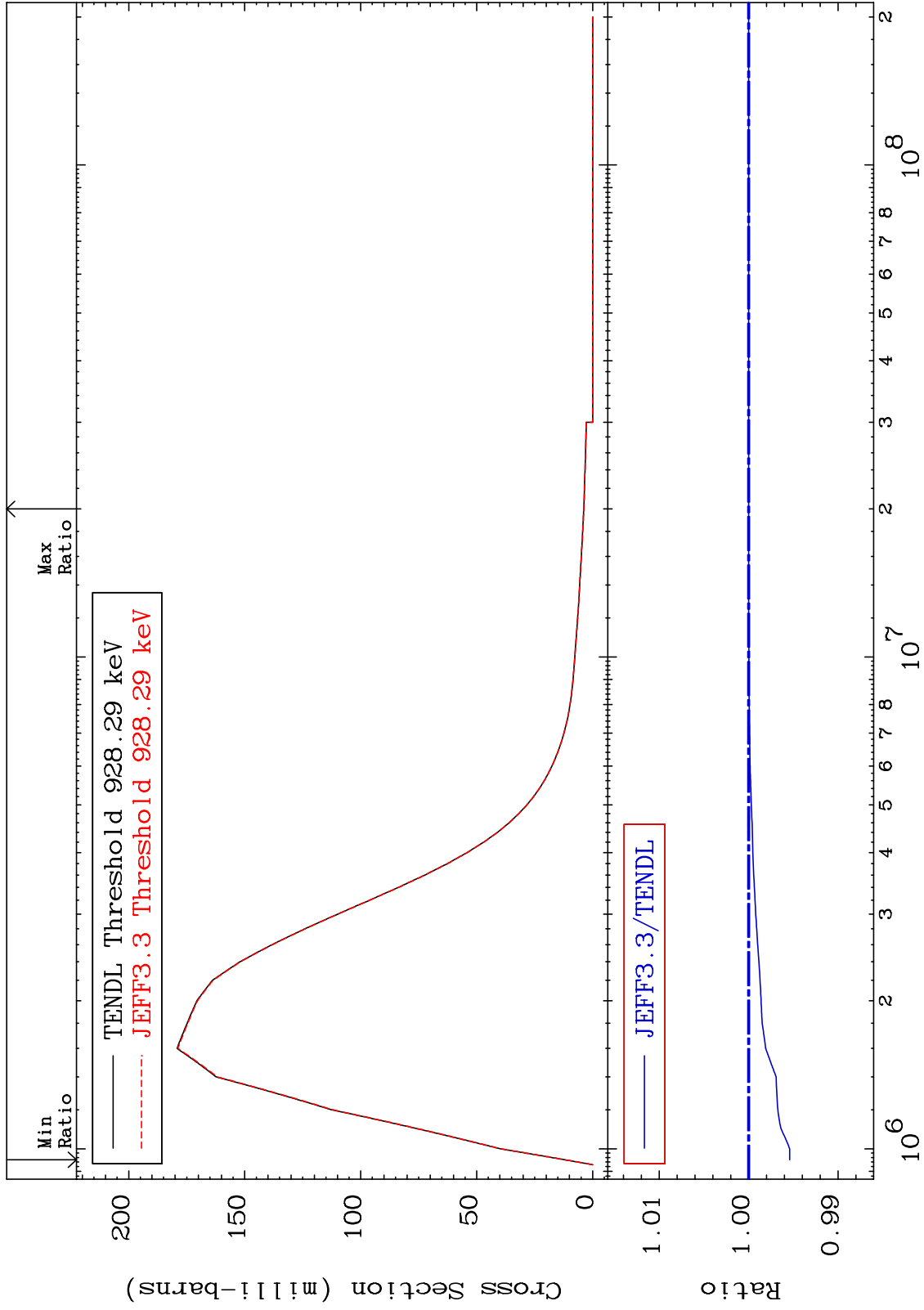
Incident Energy (eV)

81-Tl-205

MAT 8131

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

81-Tl-205
-0.459 To 0.000 %

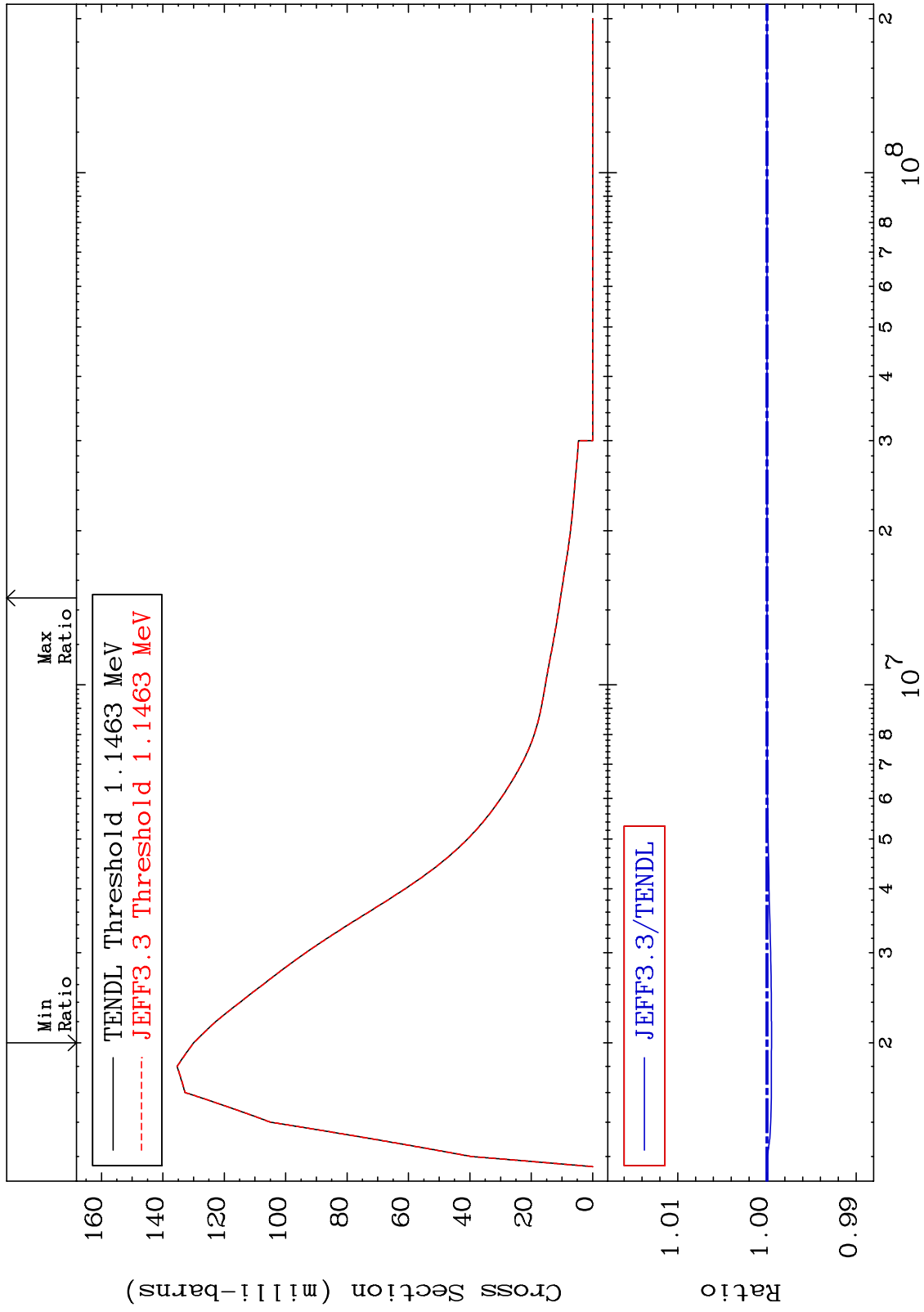


20 10⁶ 10⁷ 10⁸ 2 3 4 5 6 7 8 20 81-Tl-205

MAT 8131

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

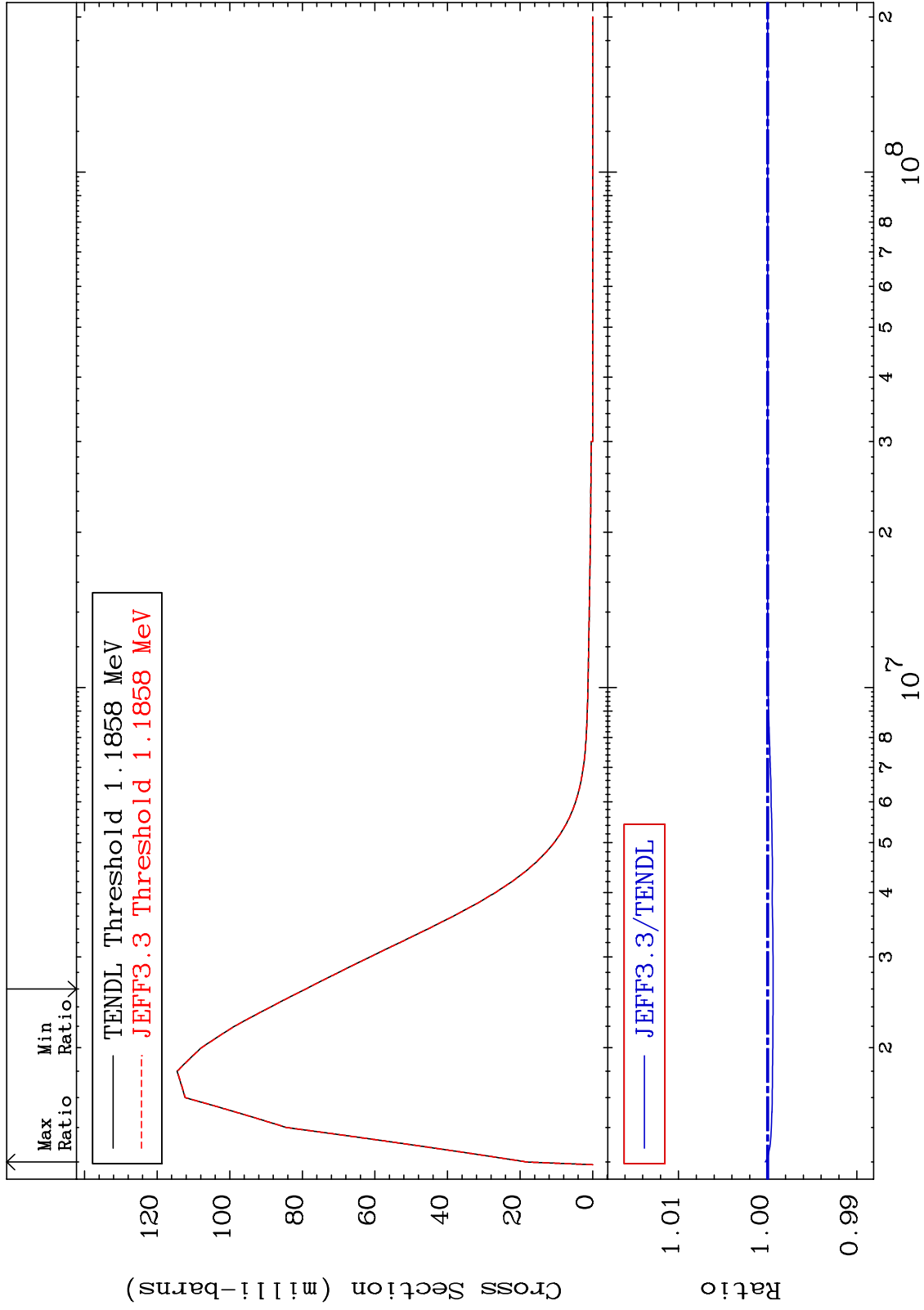
81-Tl-205
-0.051 To 0.000 %



MAT 8131

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

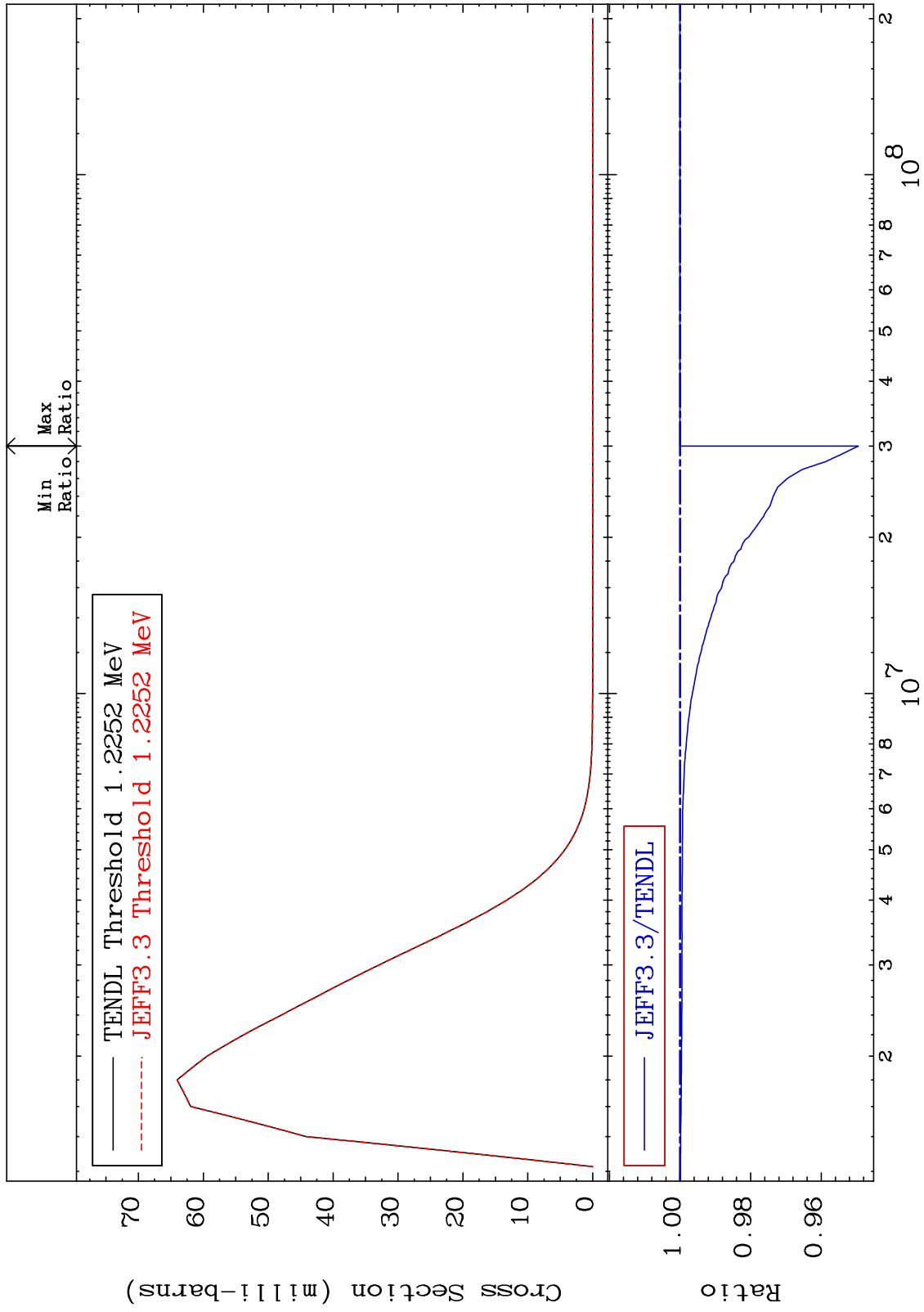
81-Tl-205
-0.061 To 0.026 %



MAT 8131

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

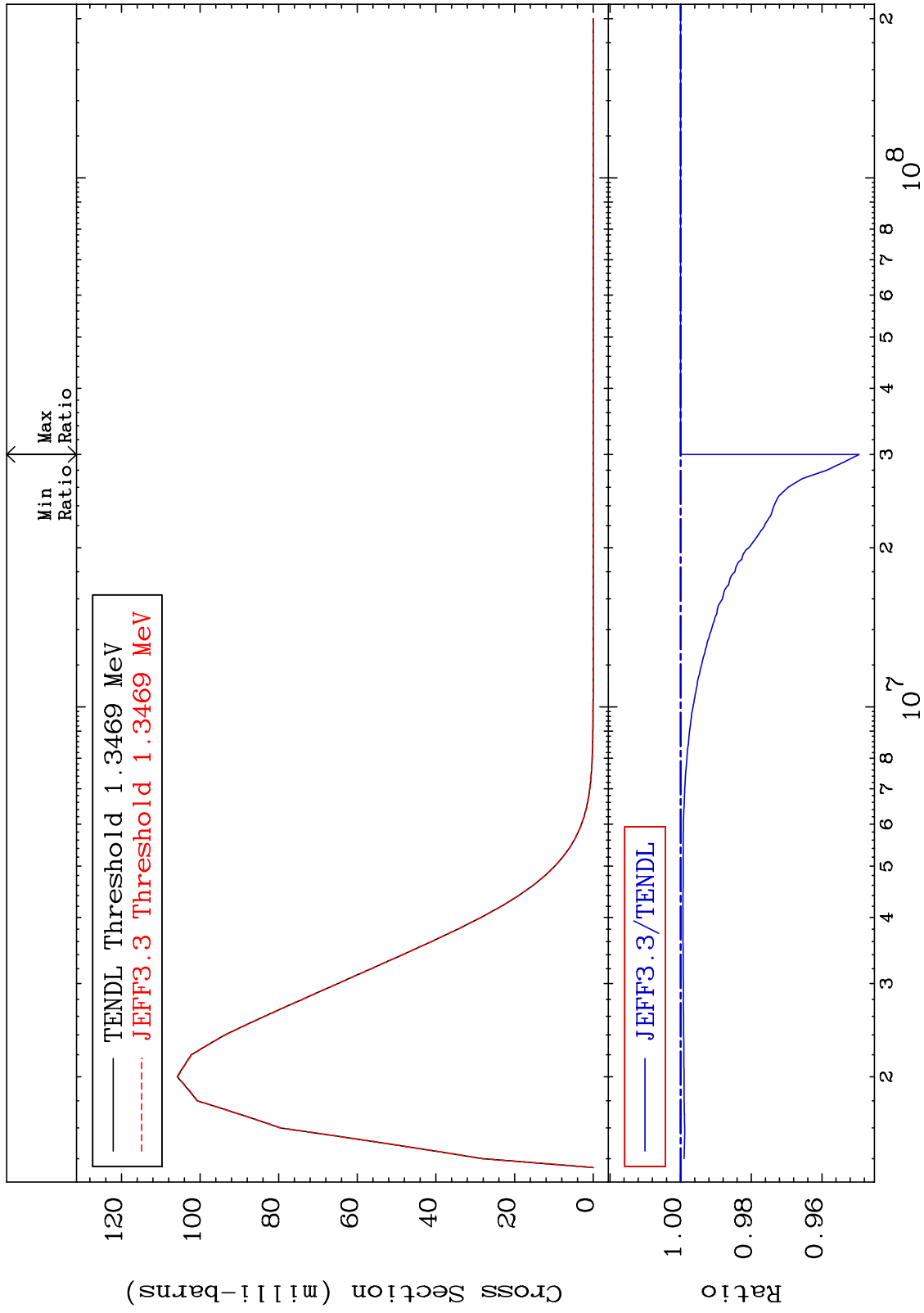
81-T1-205
-5.052 To 0.000 %



MAT 8131

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

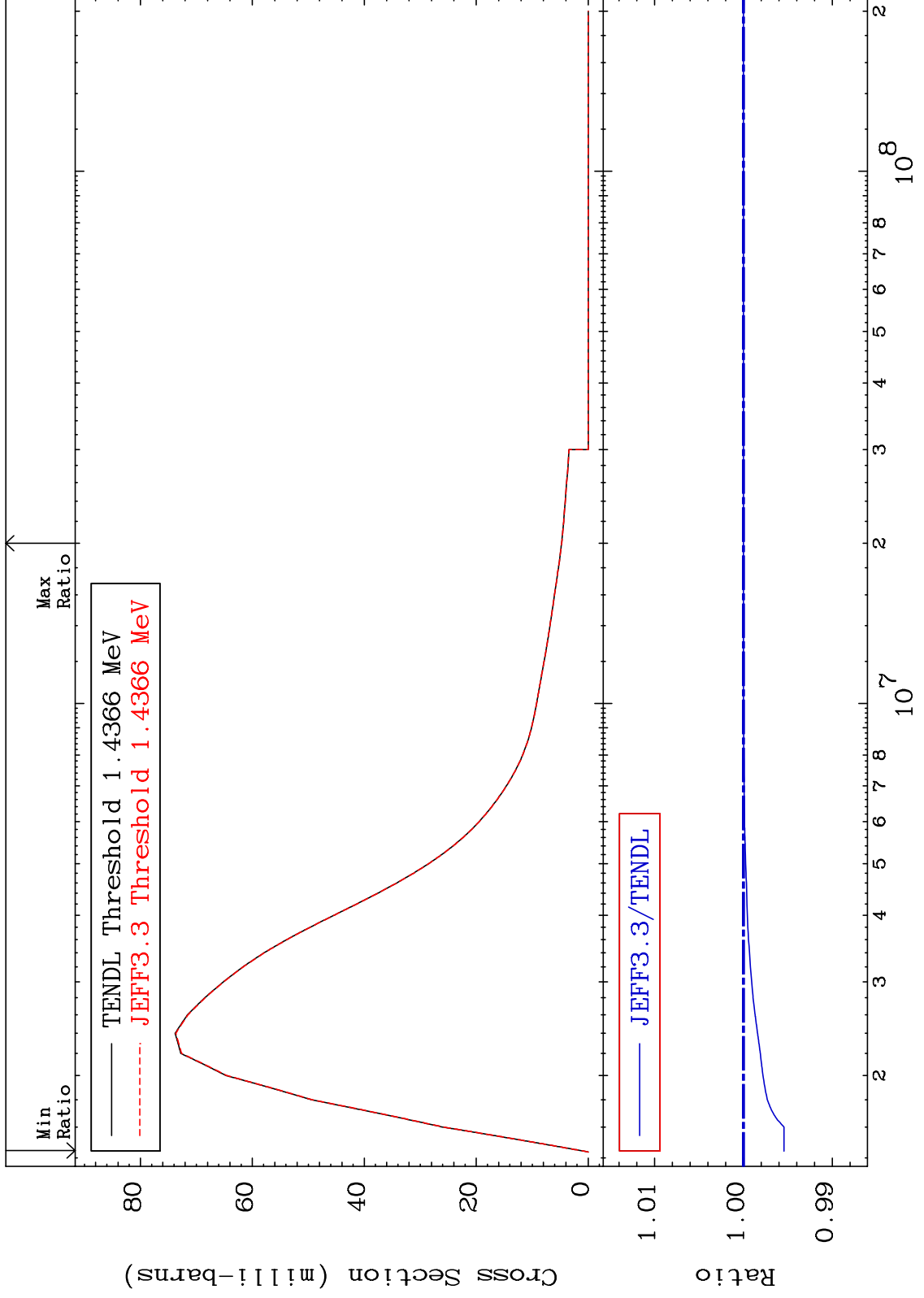
81-Tl-205
-5.054 To 0.000 %



MAT 8131

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

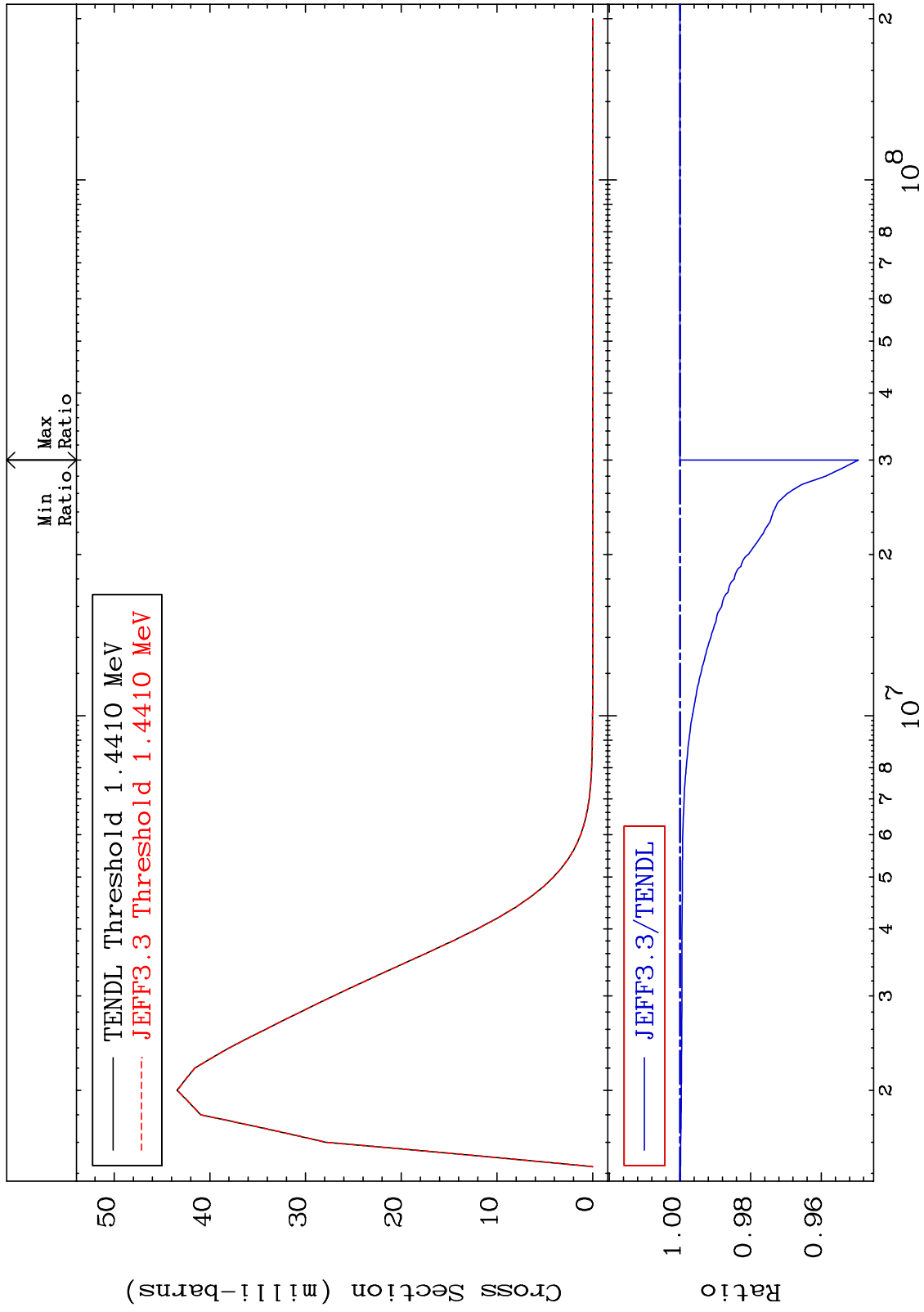
81-T1-205
-0.457 To 0.000 %



MAT 8131

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

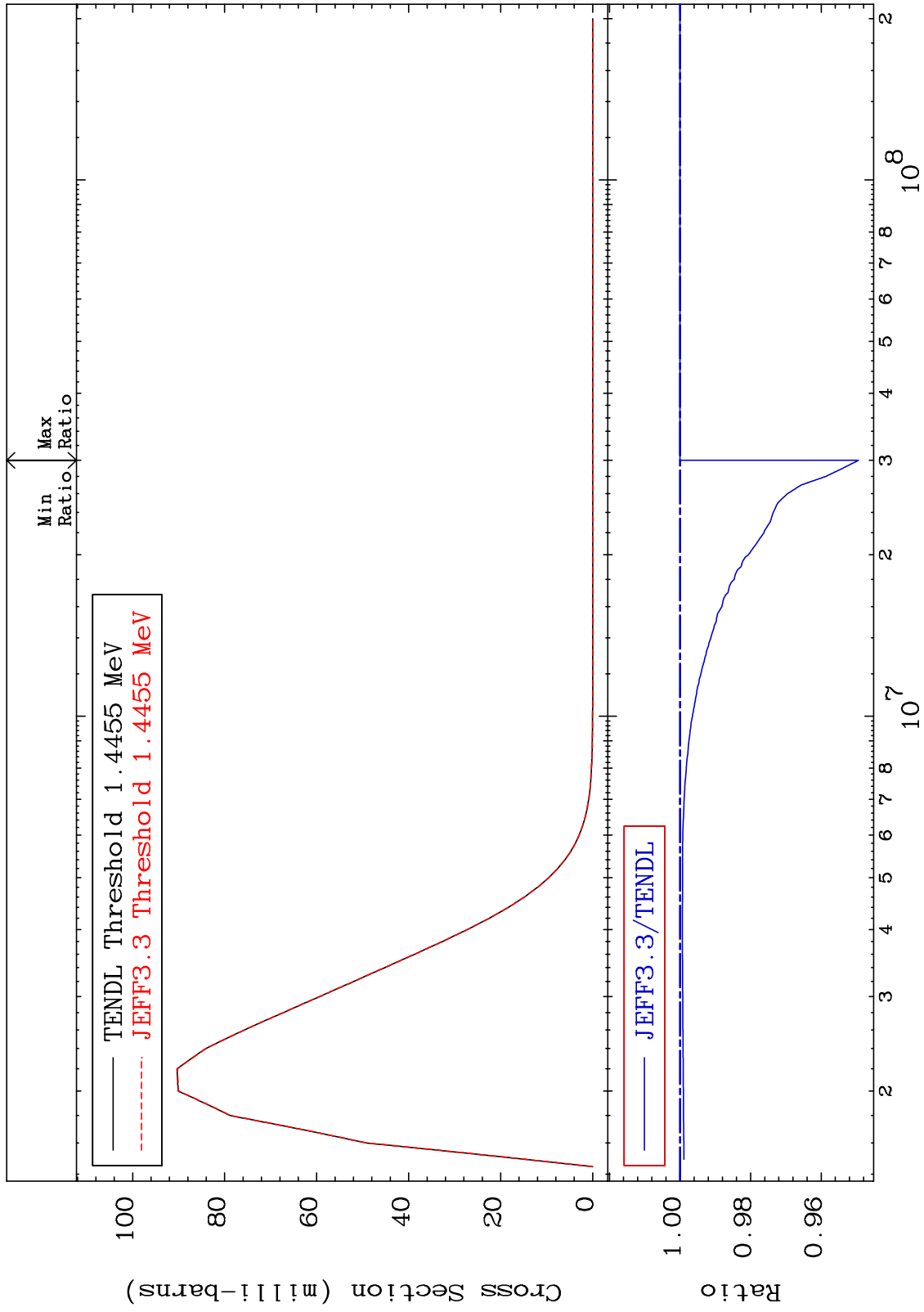
81-Tl-205
-5.051 To 0.000 %



MAT 8131

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

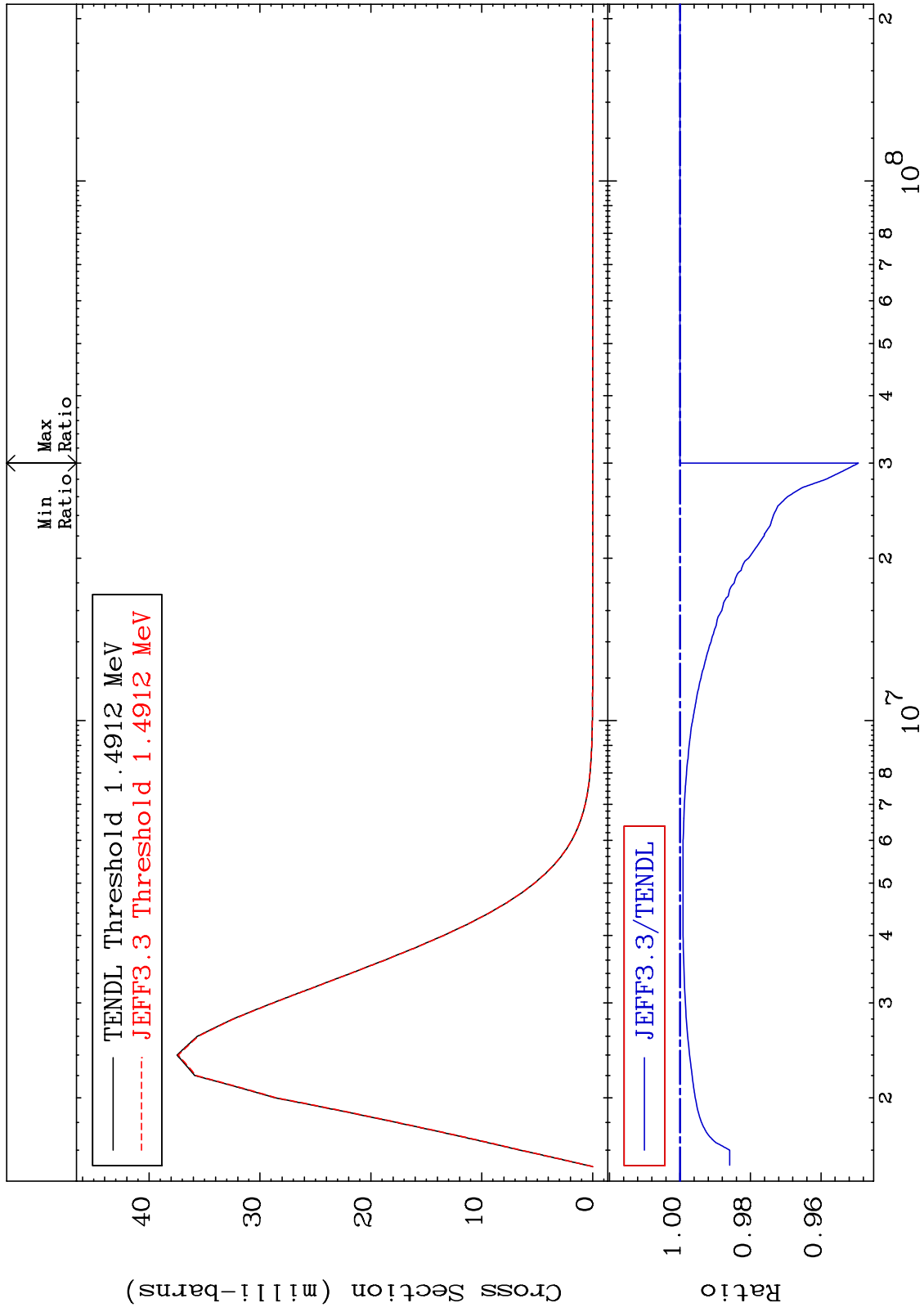
81-Tl-205
-5.054 To 0.000 %



MAT 8131

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

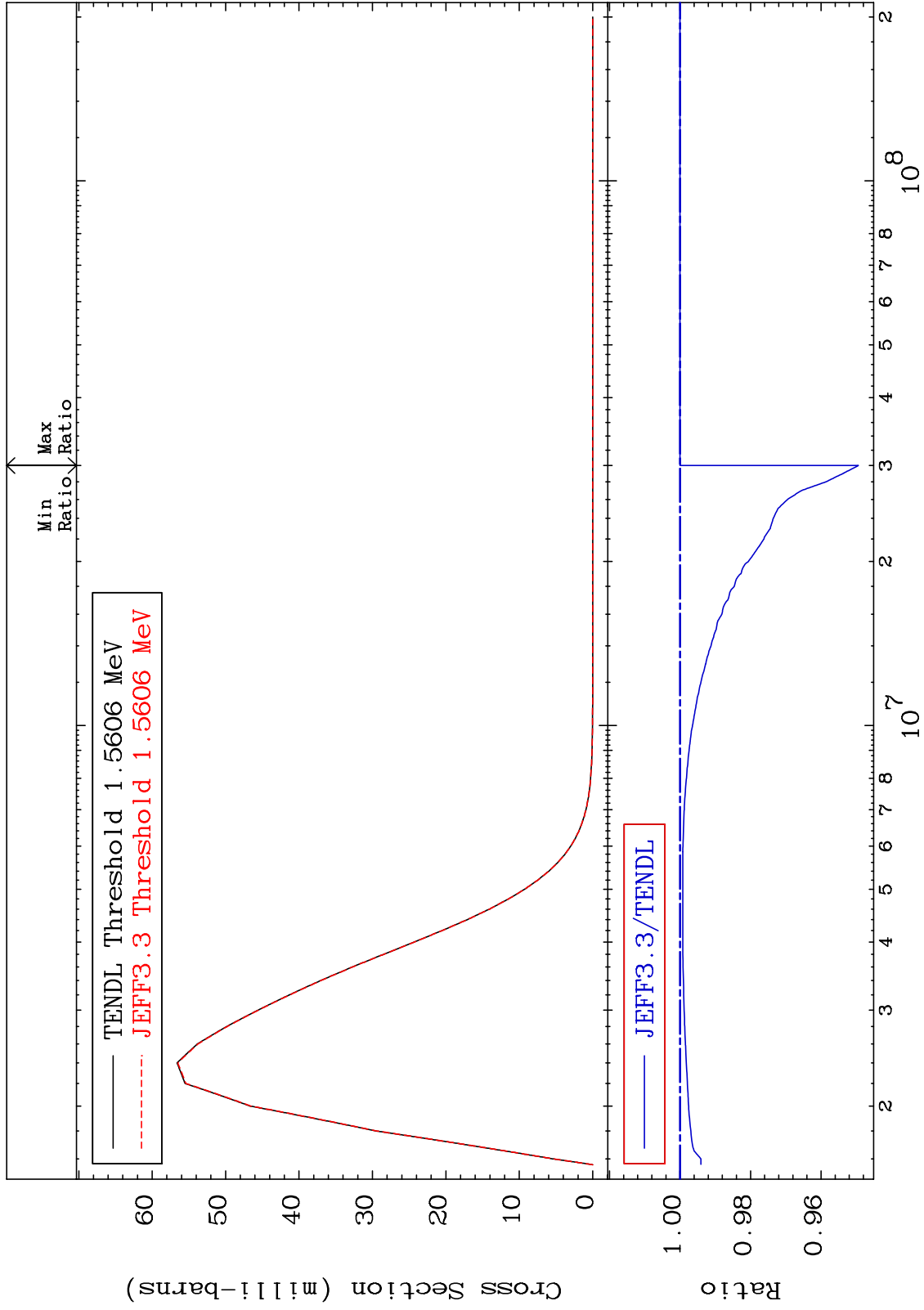
81-Tl-205
-5.062 To 0.000 %



MAT 8131

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

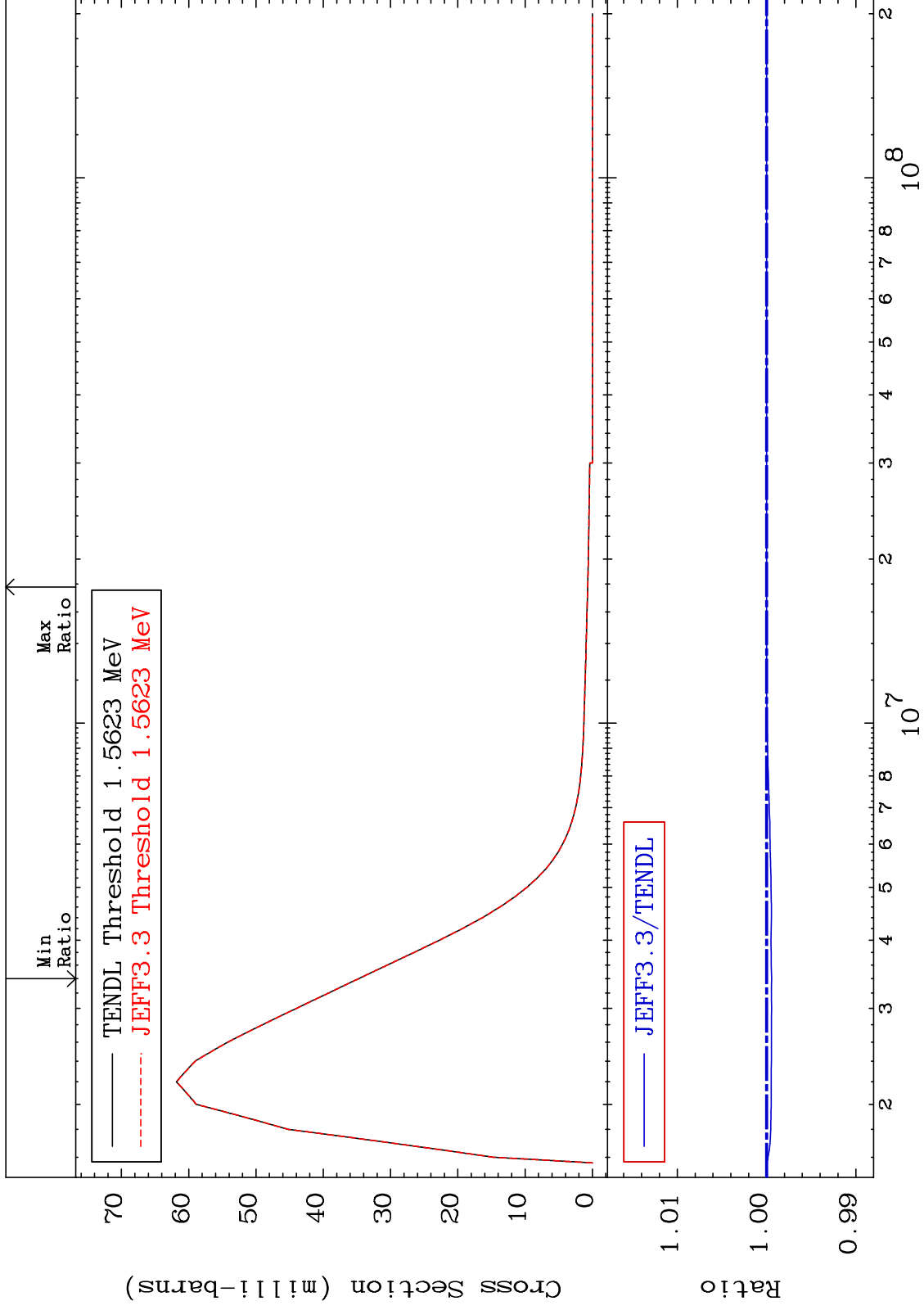
81-Tl-205
-5.059 To 0.000 %



MAT 8131

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

81-Tl-205
-0.056 To 0.000 %



30

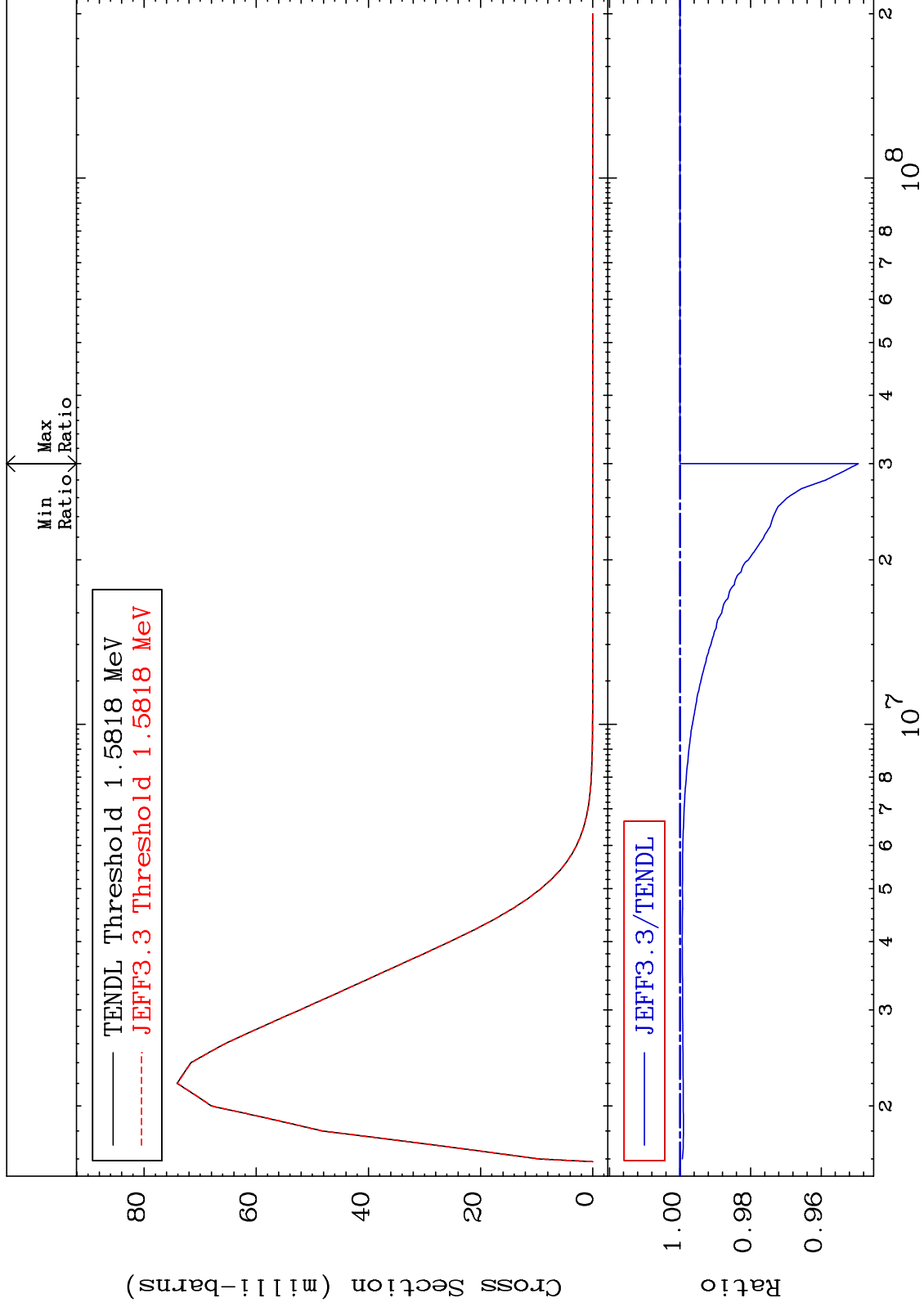
Incident Energy (eV)

81-Tl-205

MAT 8131

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

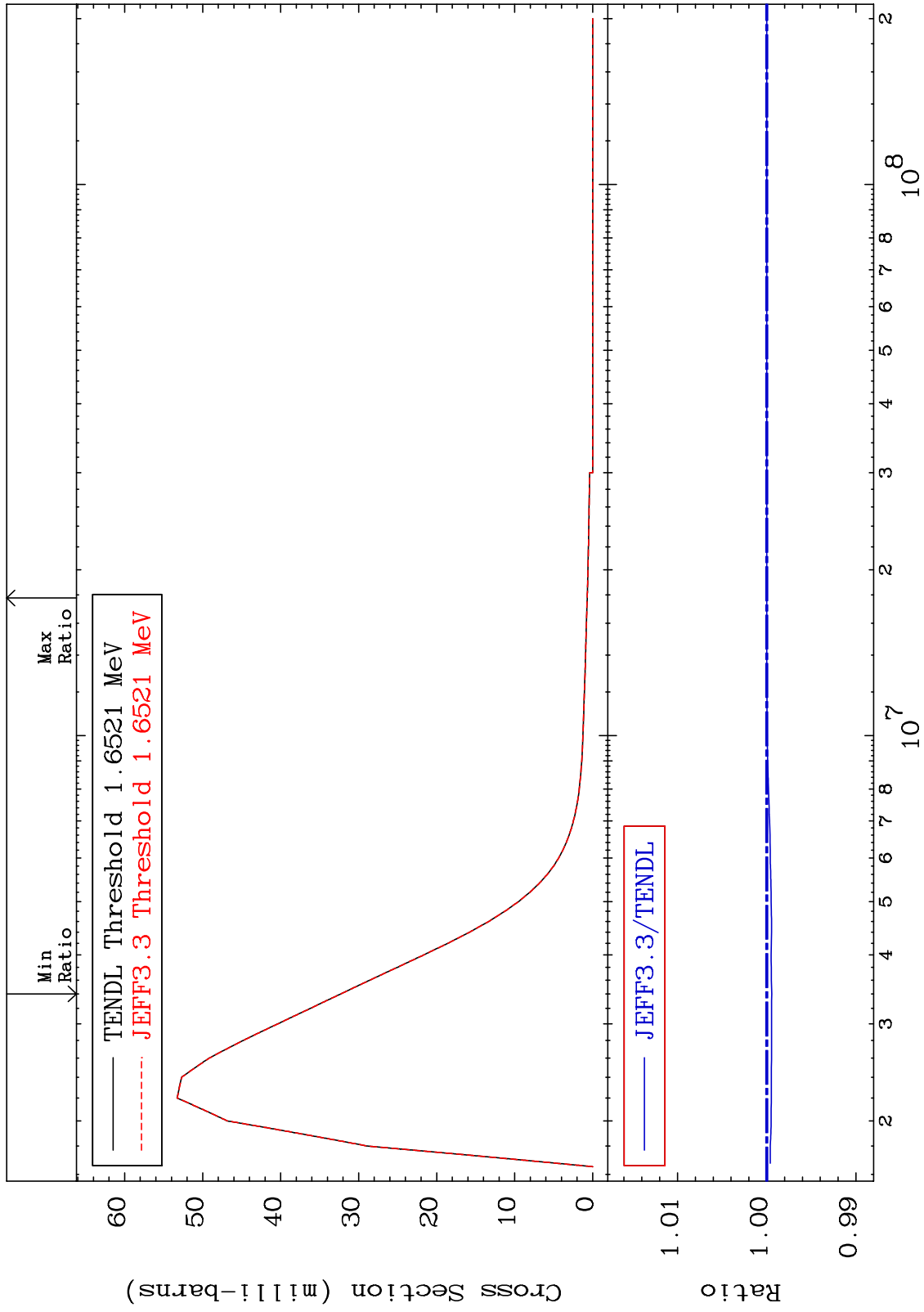
81-Tl-205
-5.054 To 0.000 %



MAT 8131

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

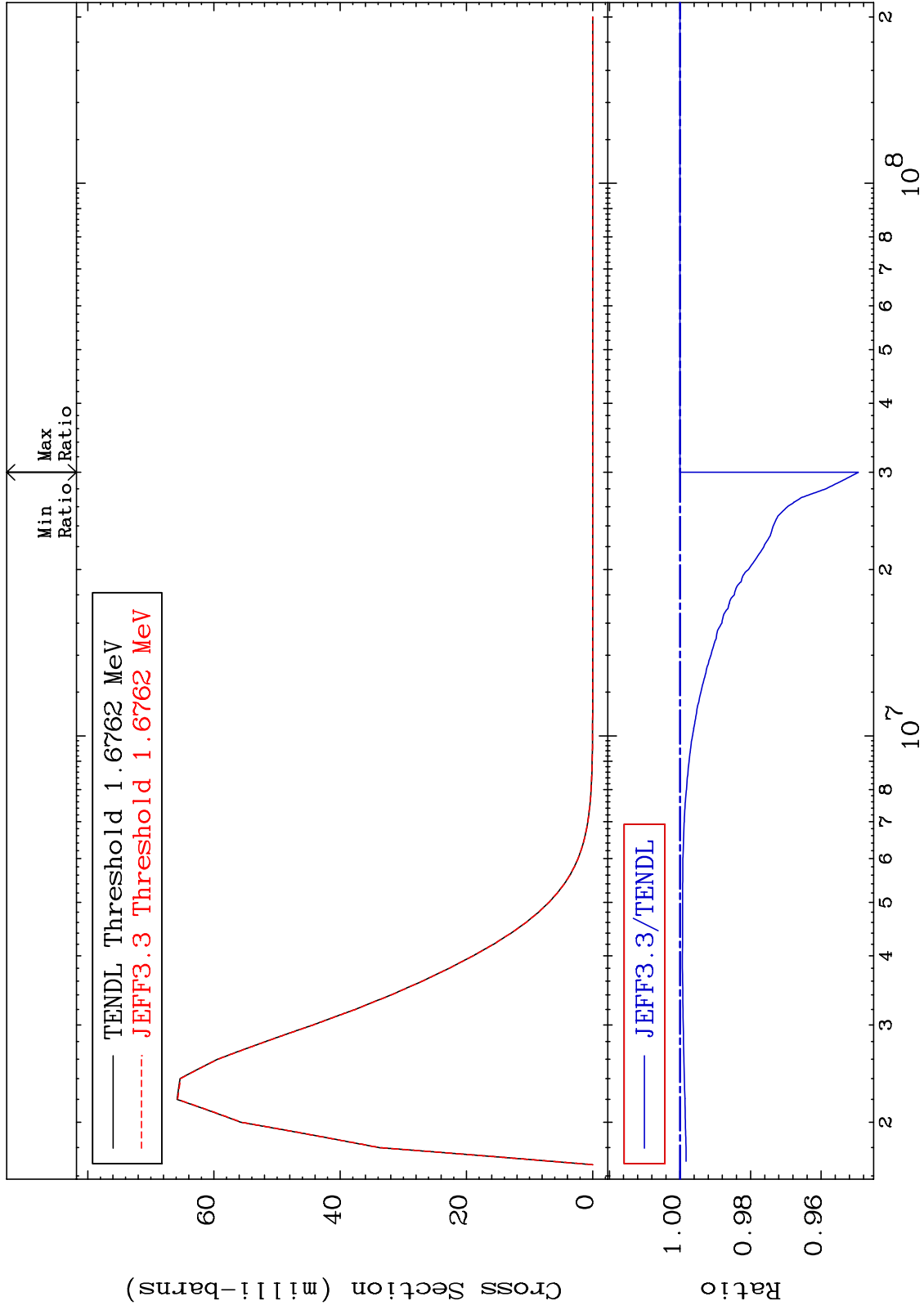
81-Tl-205
-0.055 To 0.000 %



MAT 8131

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

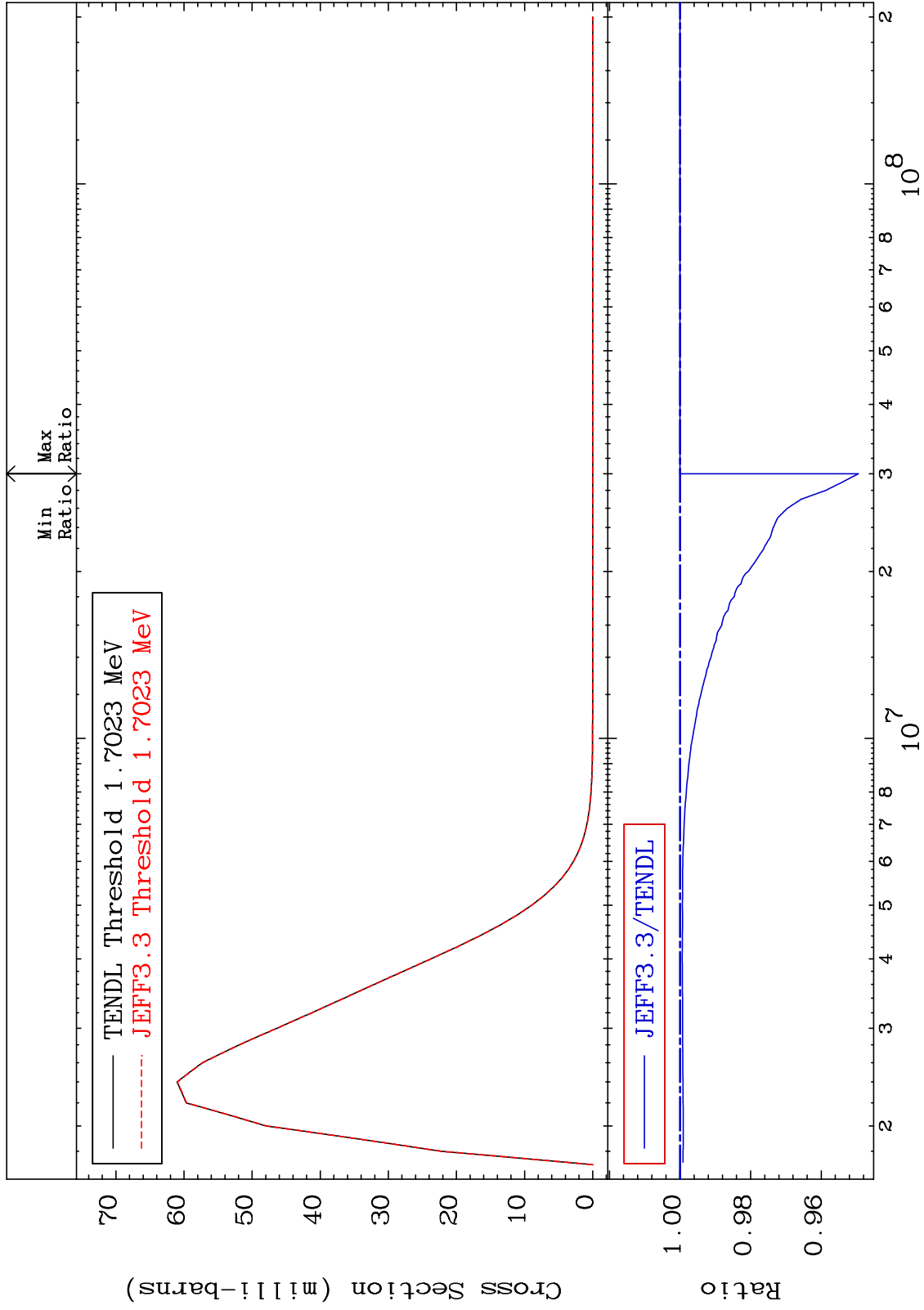
81-Tl-205
-5.056 To 0.000 %



MAT 8131

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

81-Tl-205
-5.053 To 0.000 %



34

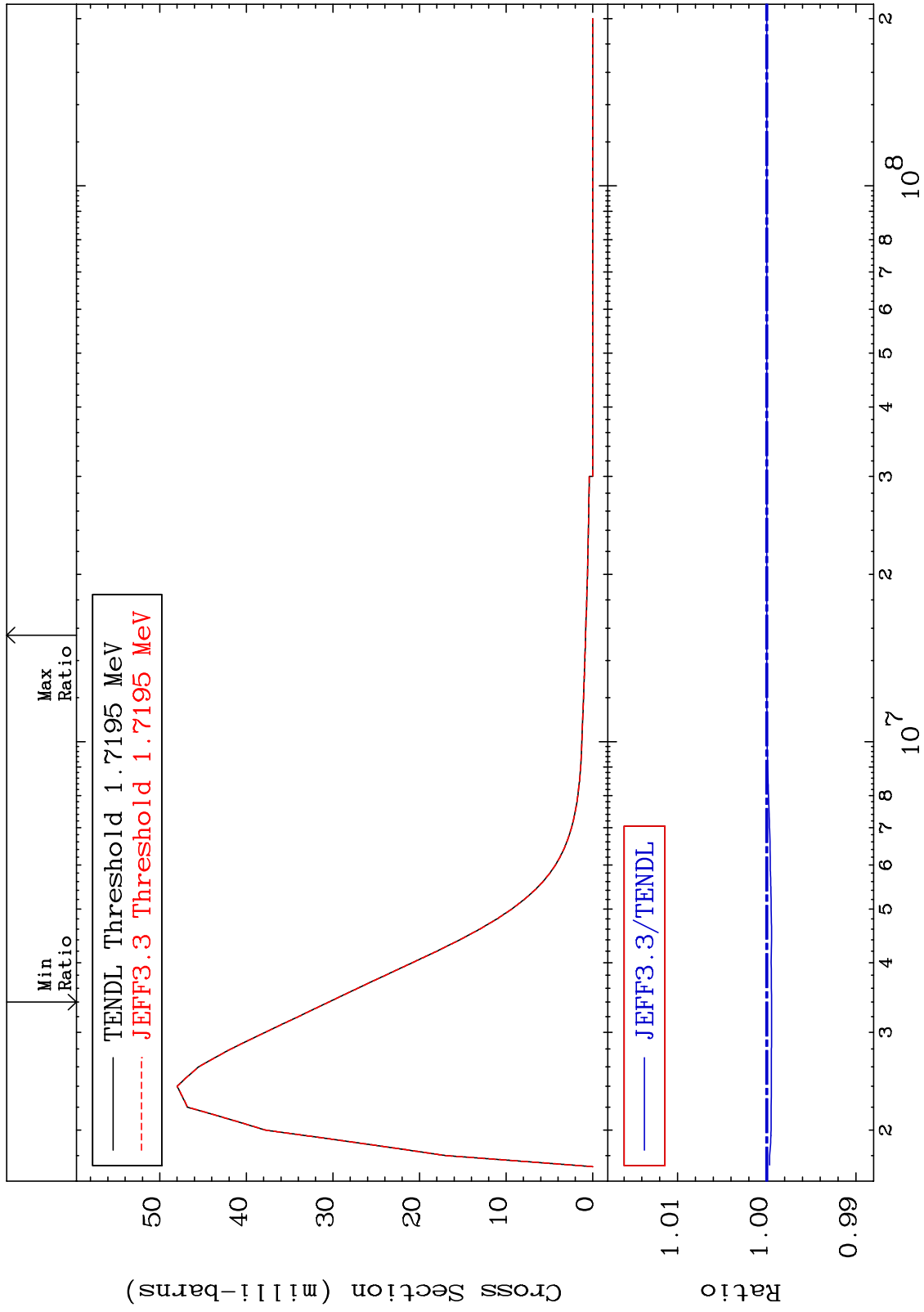
Incident Energy (eV)

81-Tl-205

MAT 8131

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

81-Tl-205
-0.055 To 0.000 %



35

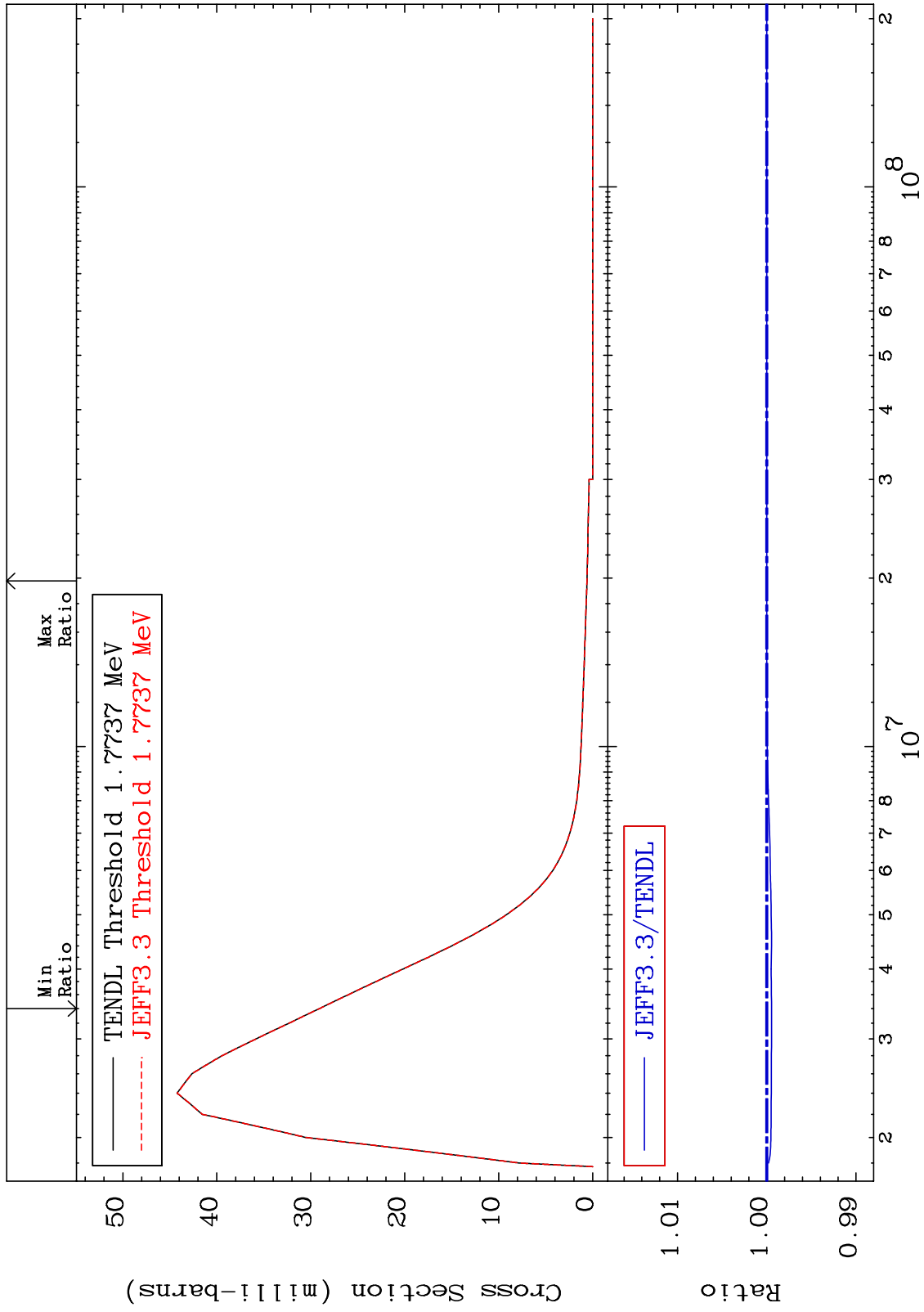
Incident Energy (eV)

81-Tl-205

MAT 8131

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

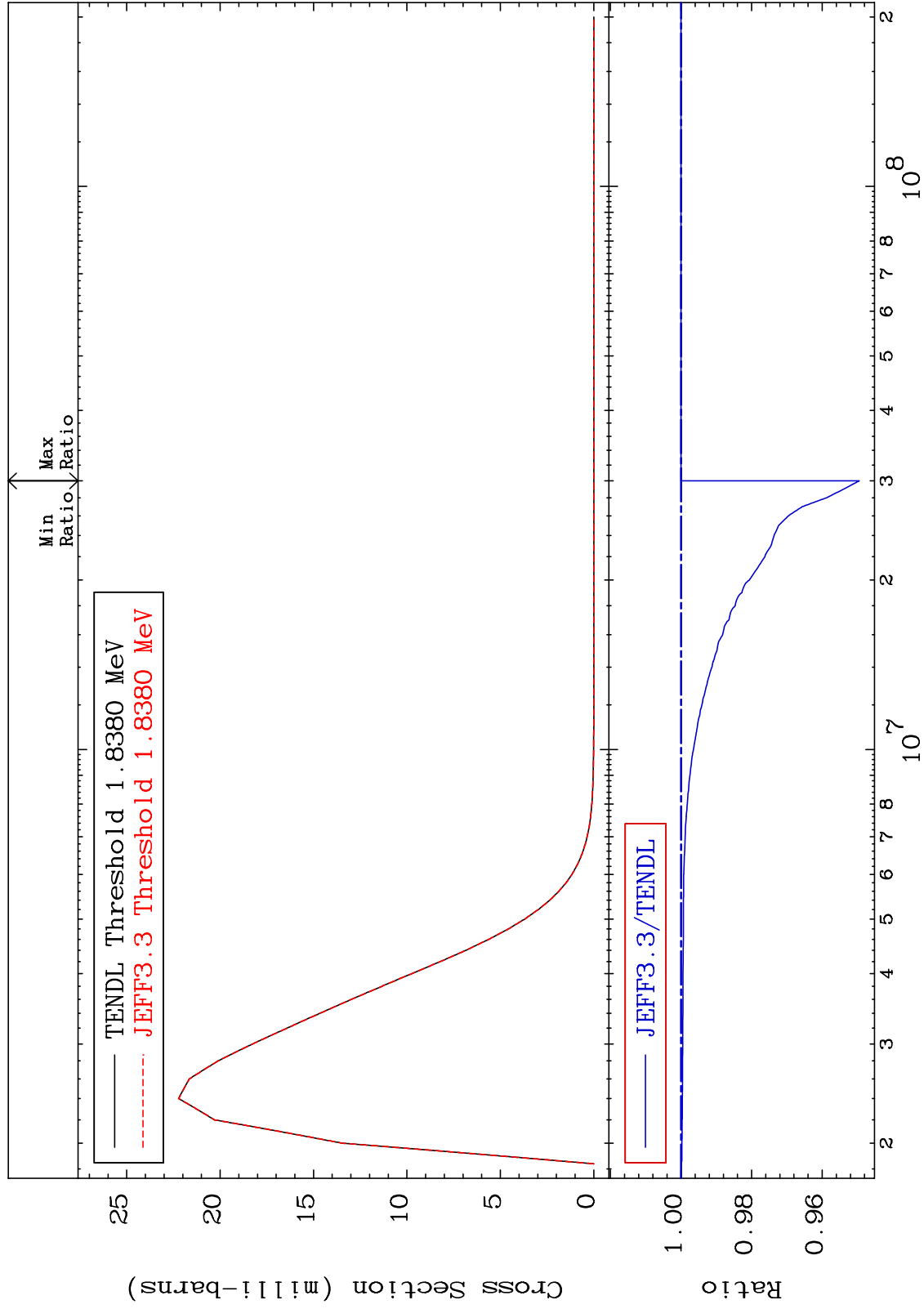
81-Tl-205
-0.054 To 0.000 %



MAT 8131

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

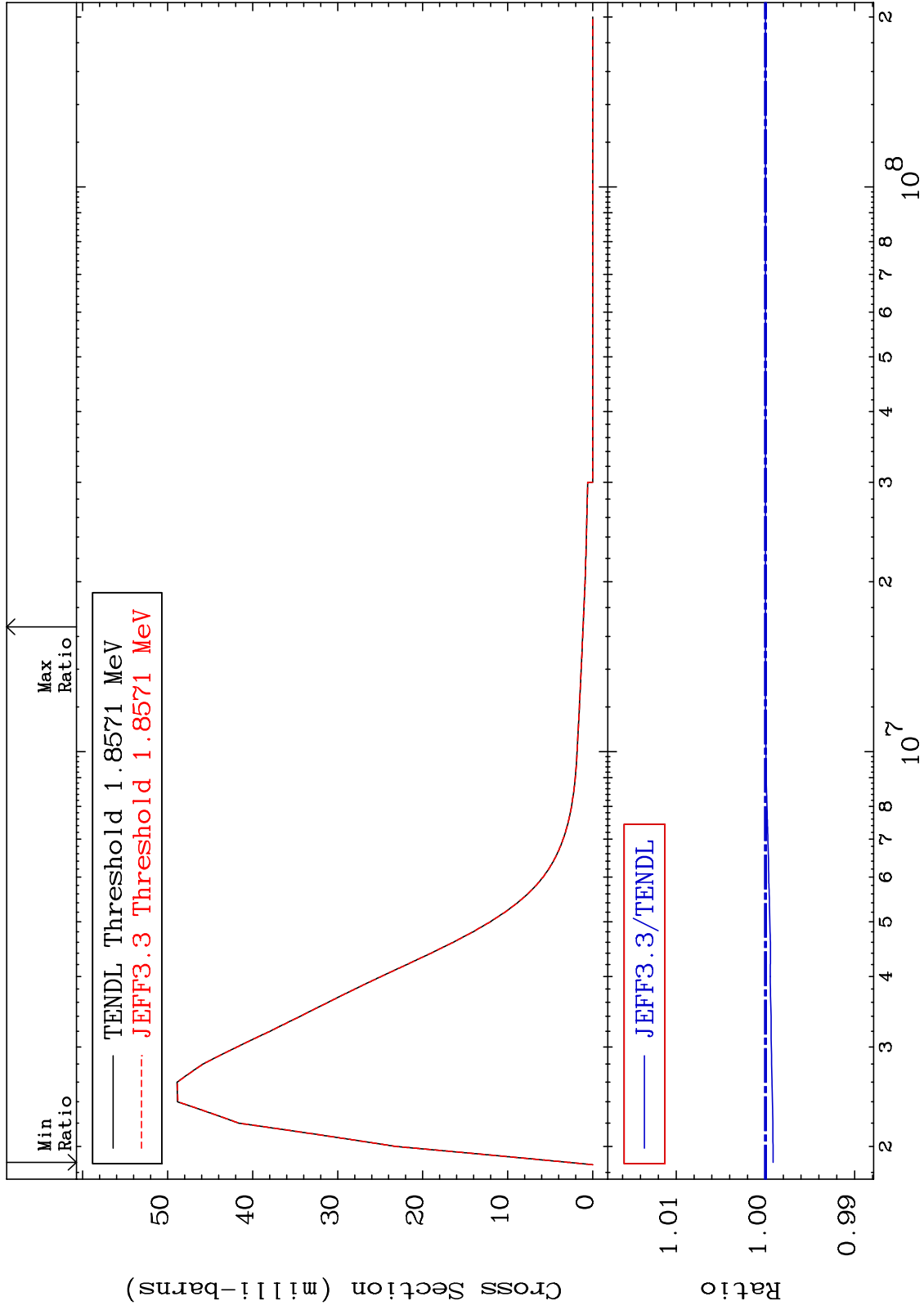
81-Tl-205
-5.051 To 0.000 %



MAT 8131

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

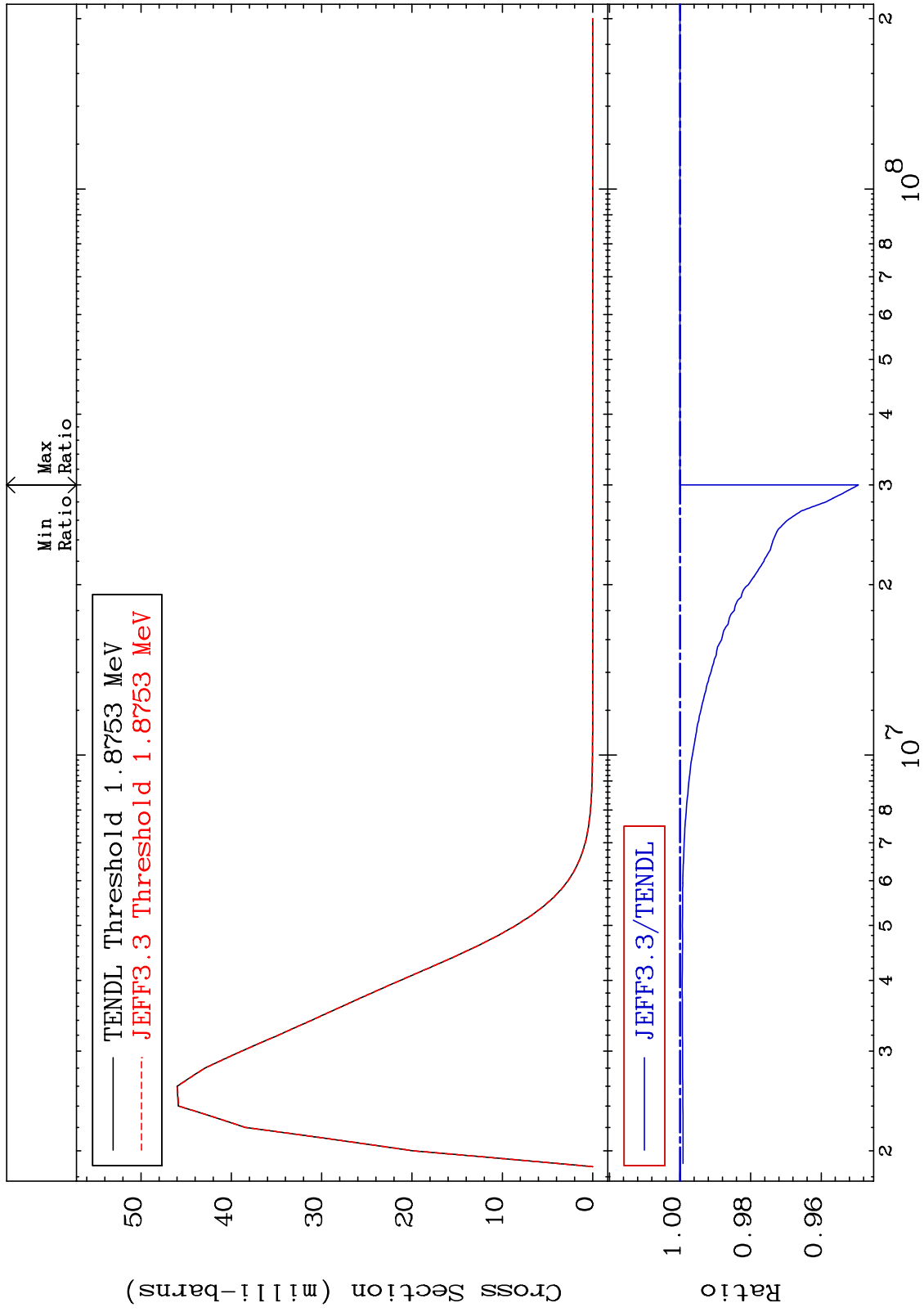
81-Tl-205
-0.085 To 0.000 %



MAT 8131

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

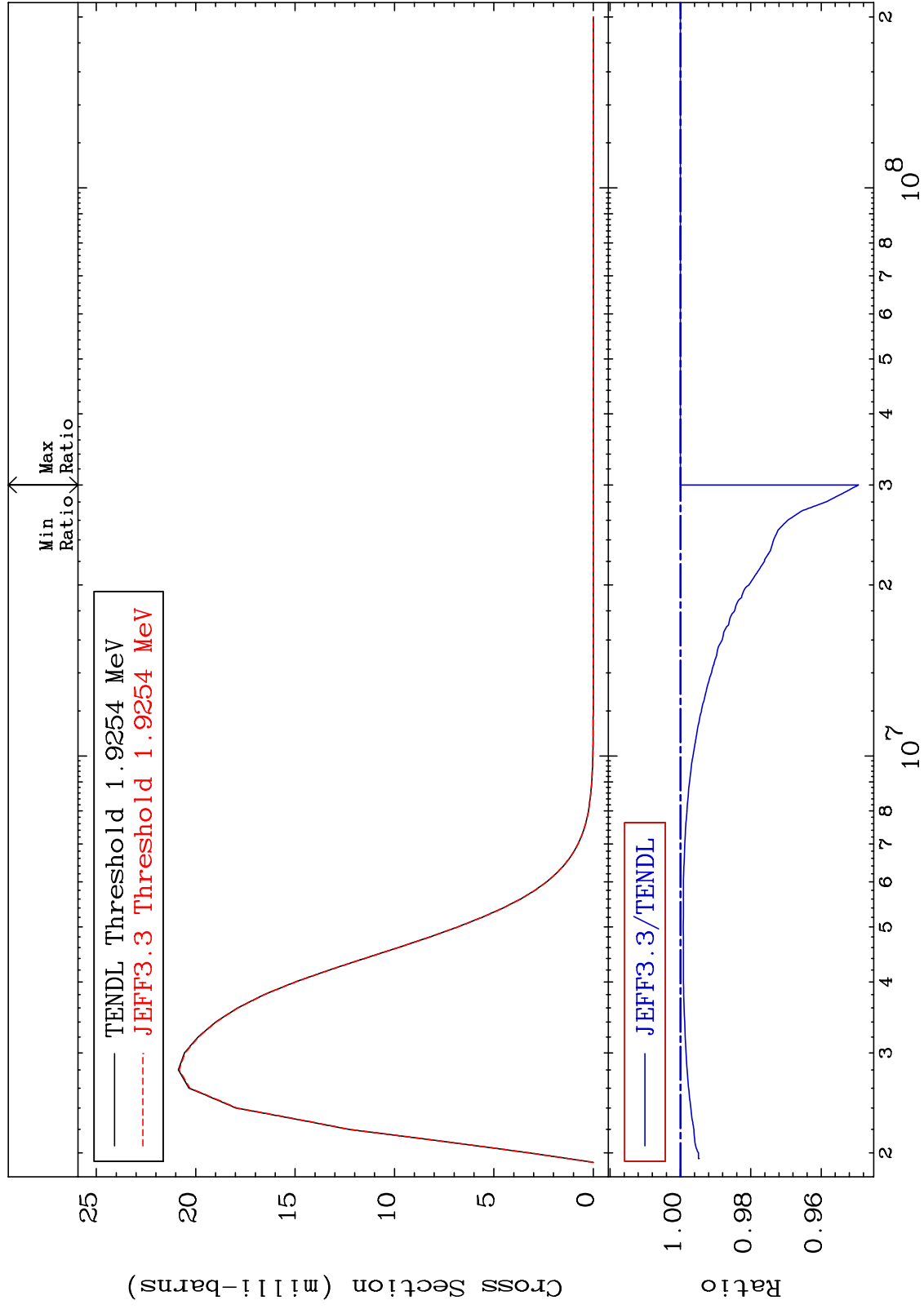
81-Tl-205
-5.053 To 0.000 %



MAT 8131

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

81-Tl-205
-5.062 To 0.000 %



40

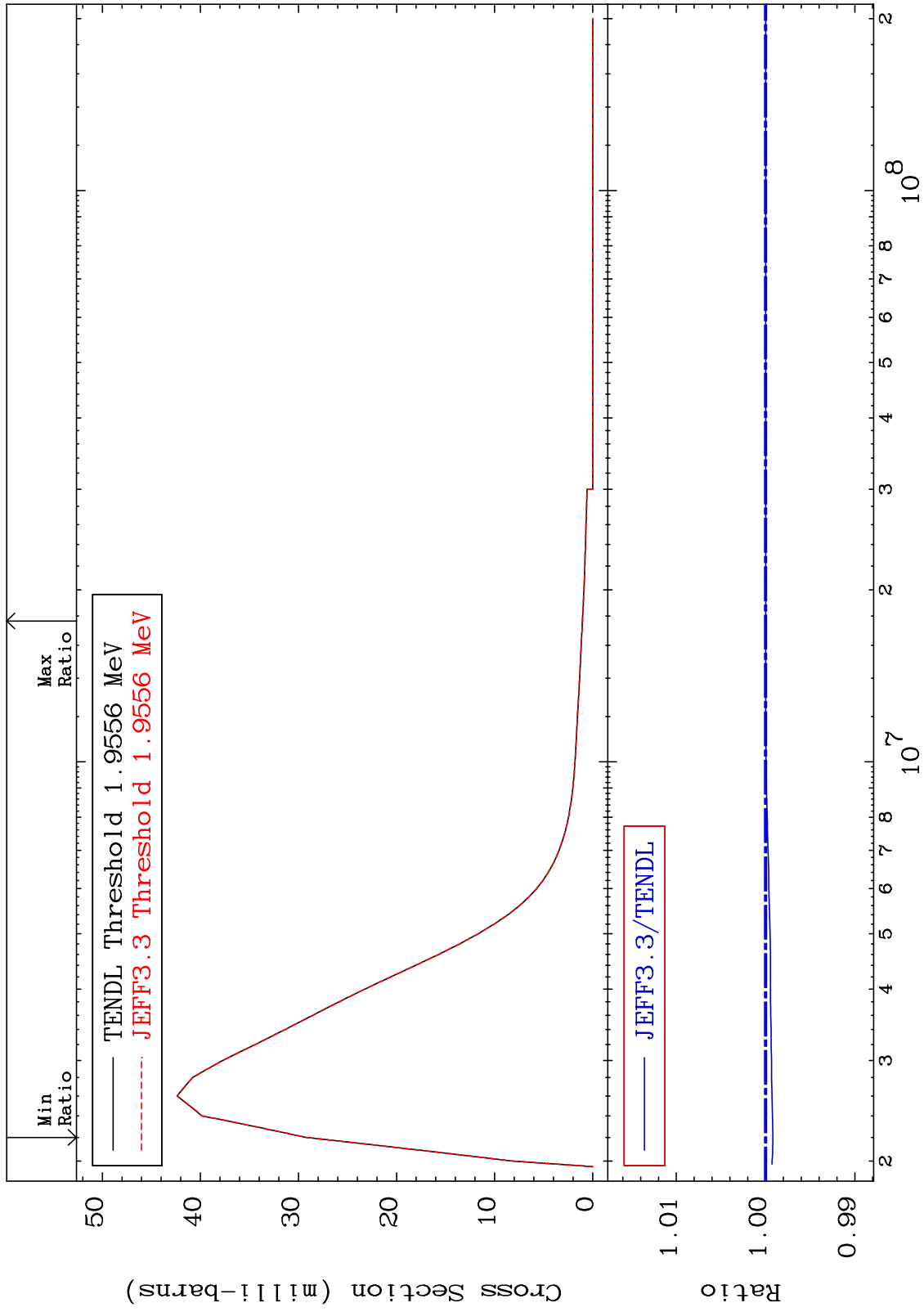
Incident Energy (eV)

81-Tl-205

MAT 8131

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

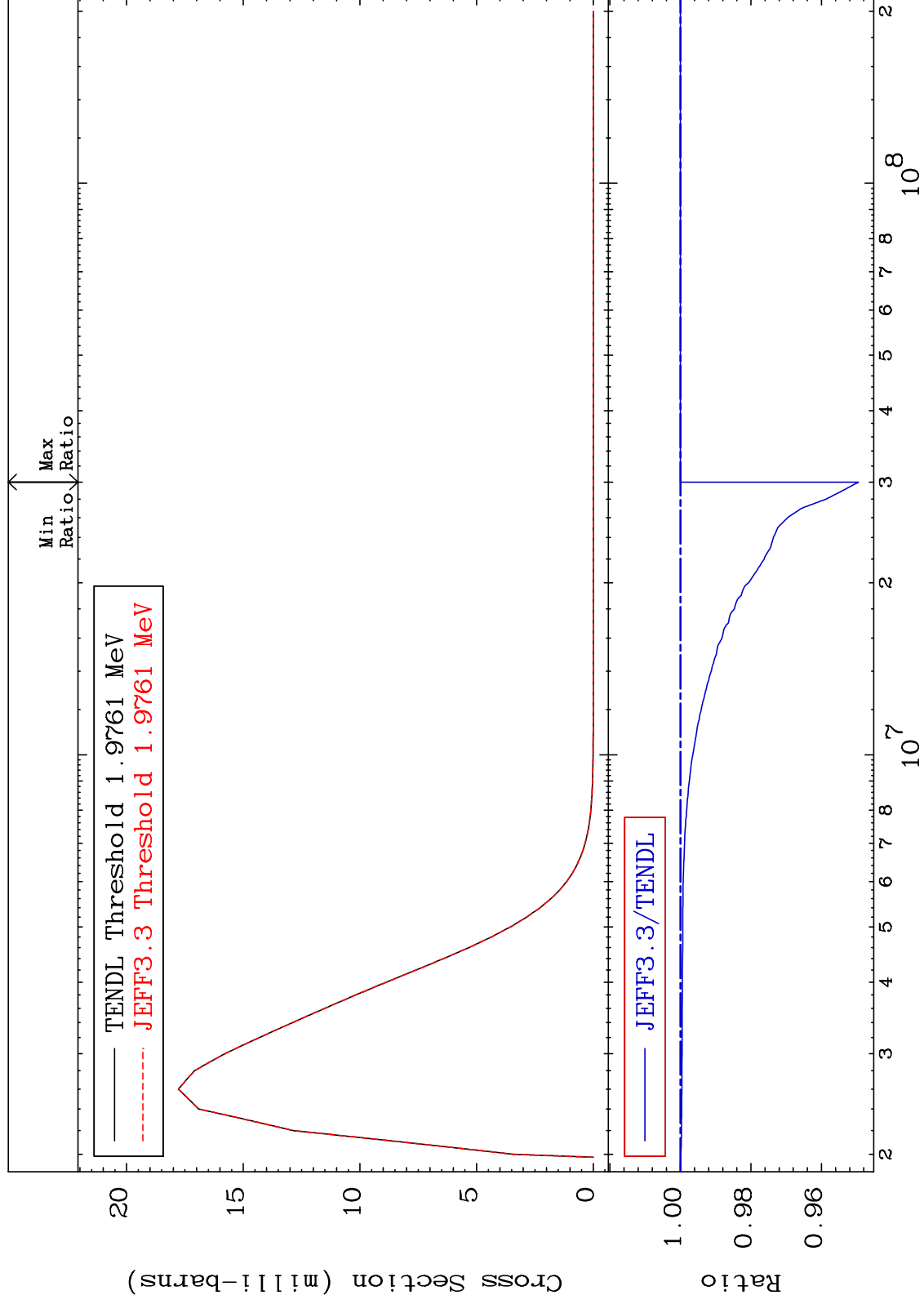
81-Tl-205
-0.082 To 0.000 %



MAT 8131

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

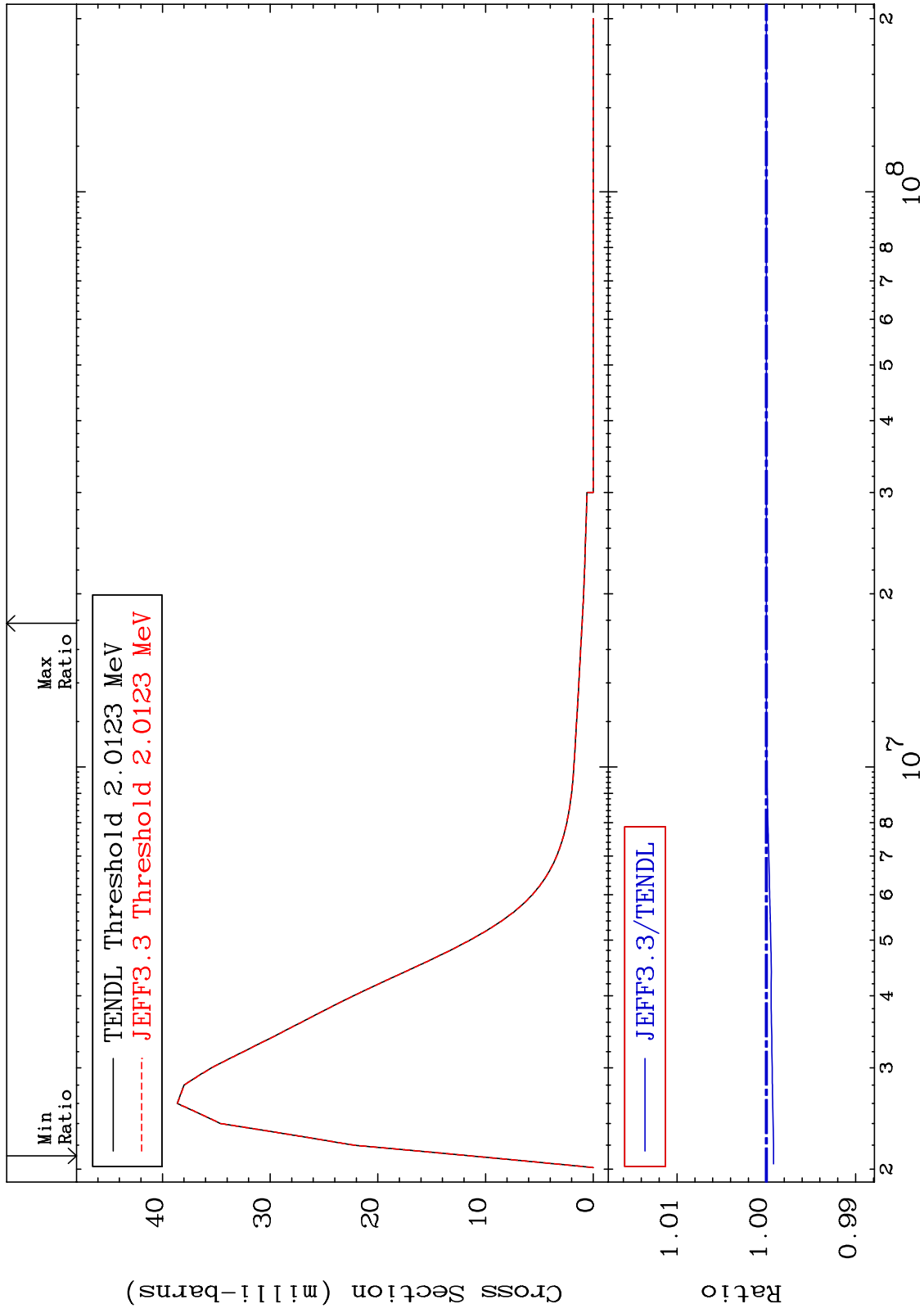
81-Tl-205
-5.051 To 0.000 %



MAT 8131

MT= 76 (n,n') Level
Cross Section

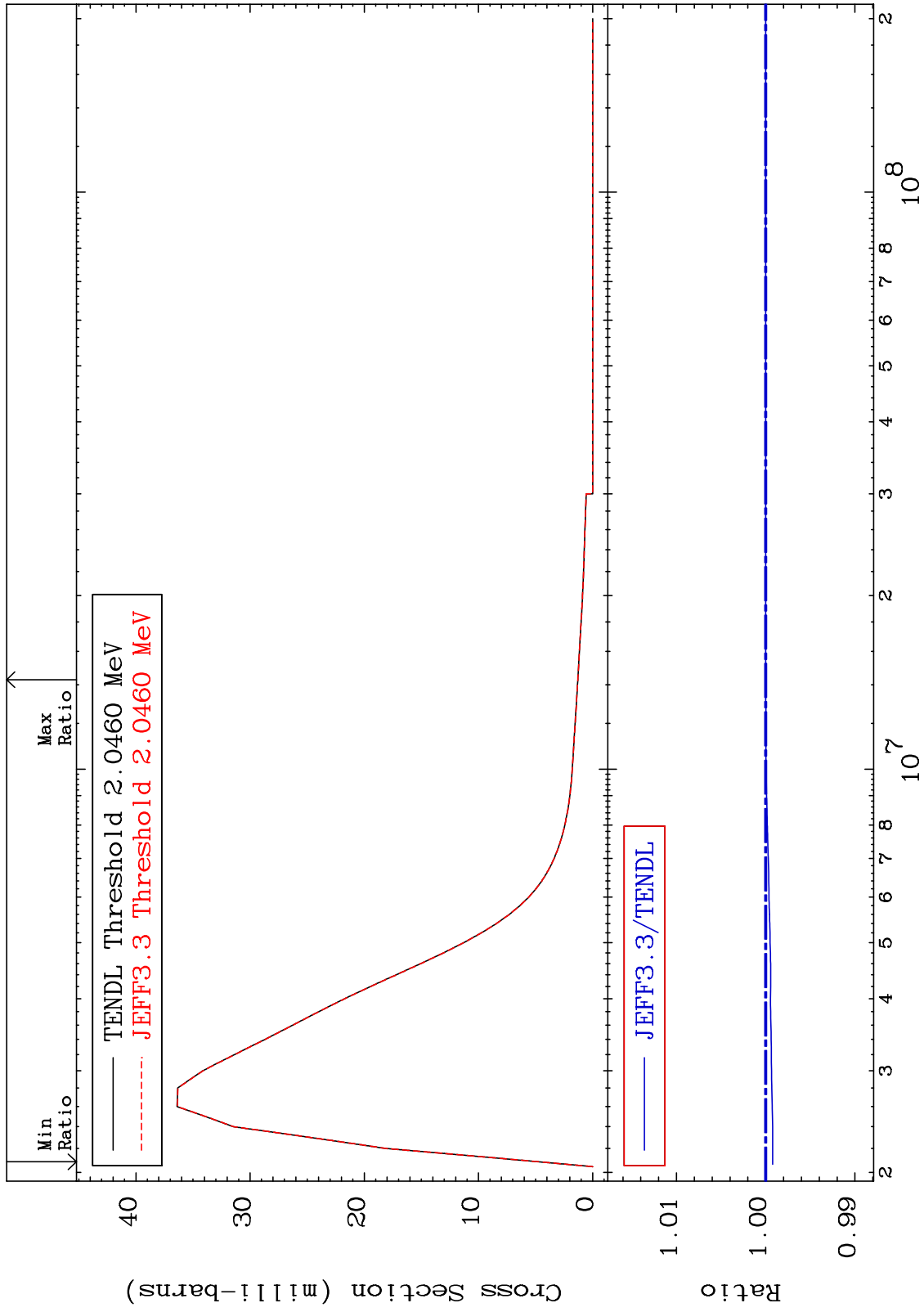
81-Tl-205
-0.080 To 0.000 %



MAT 8131

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

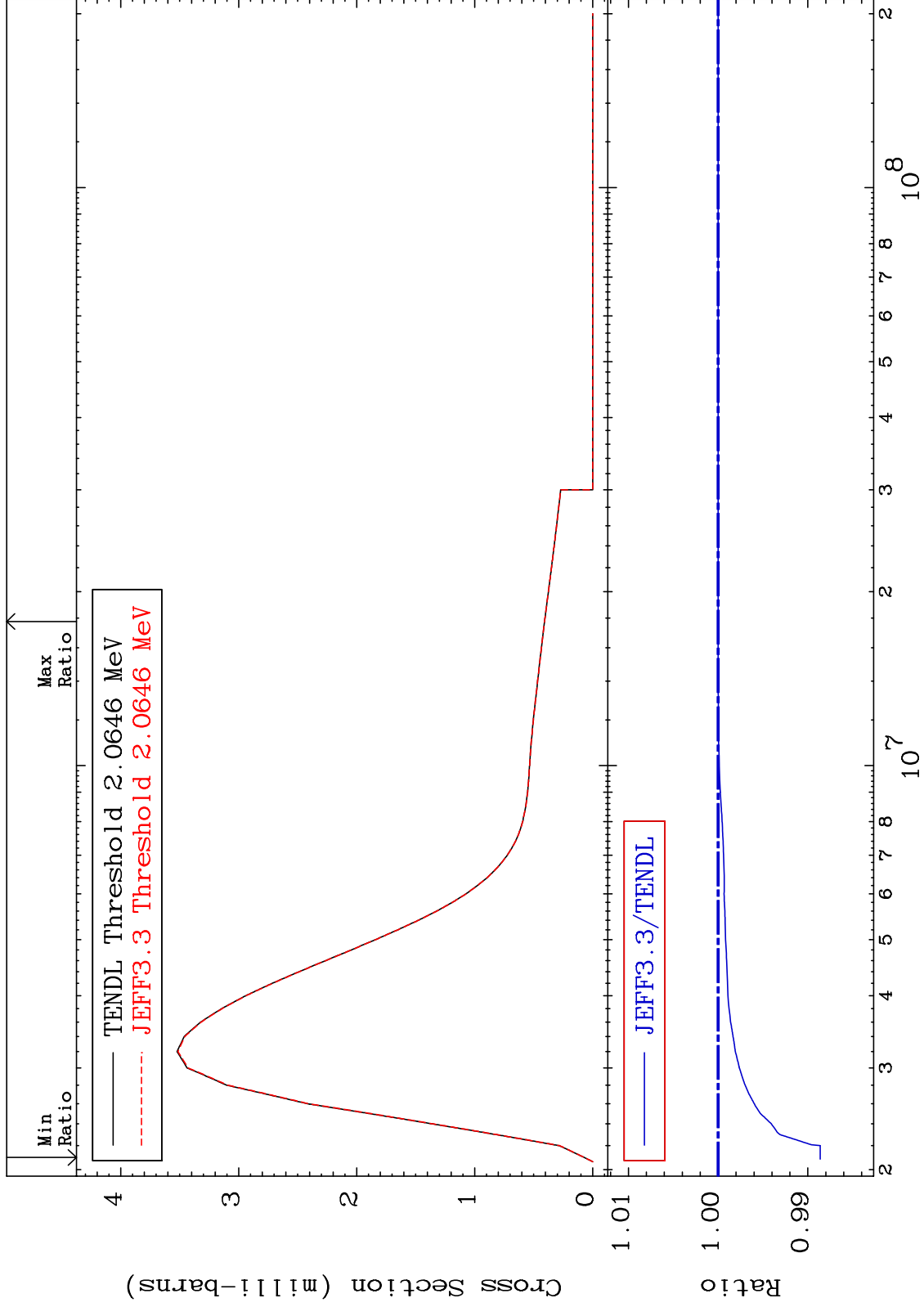
81-T1-205
-0.078 To 0.000 %



MAT 8131

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

81-Tl-205
-1.138 To 0.000 %



45

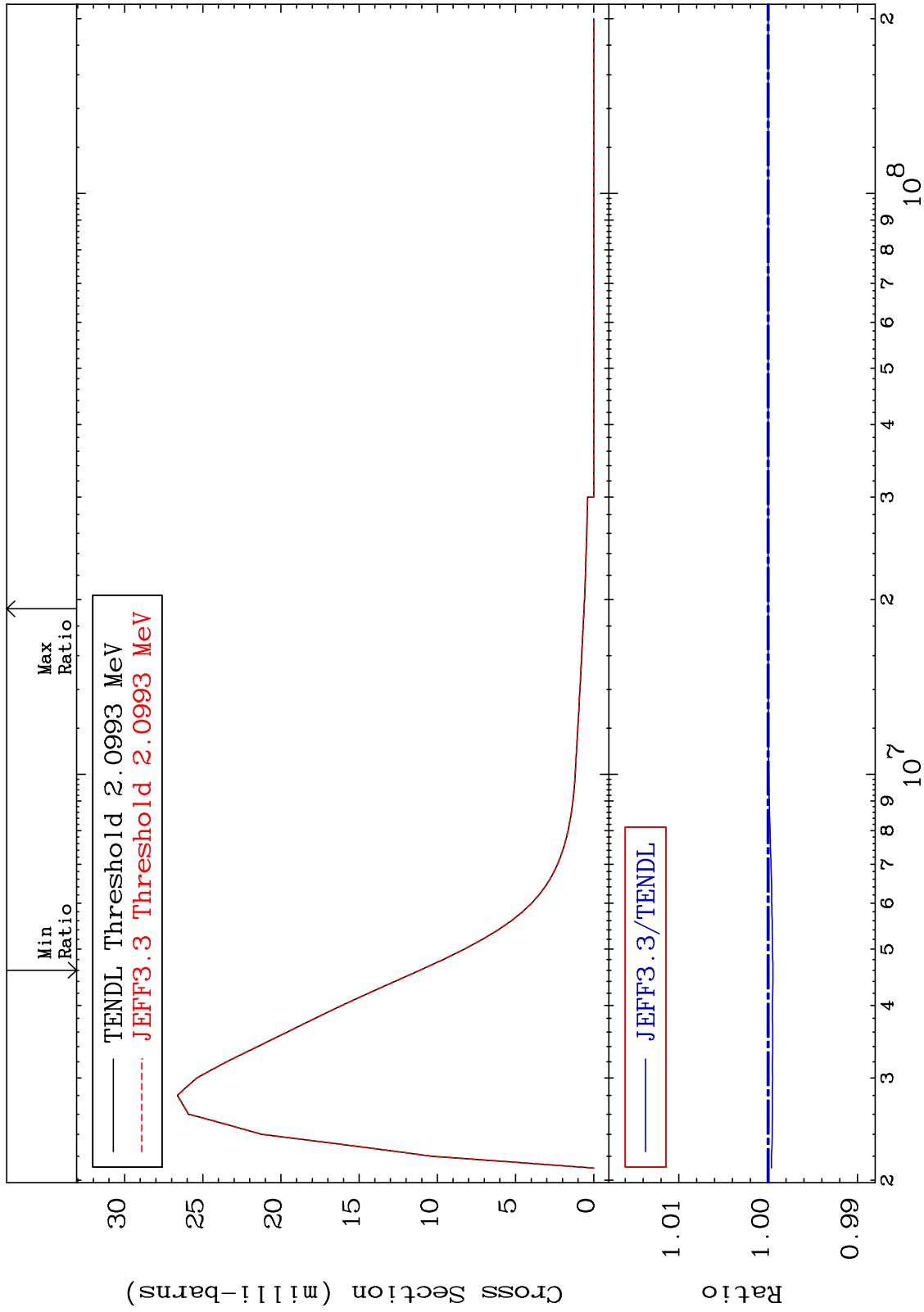
Incident Energy (eV)

81-Tl-205

MAT 8131

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

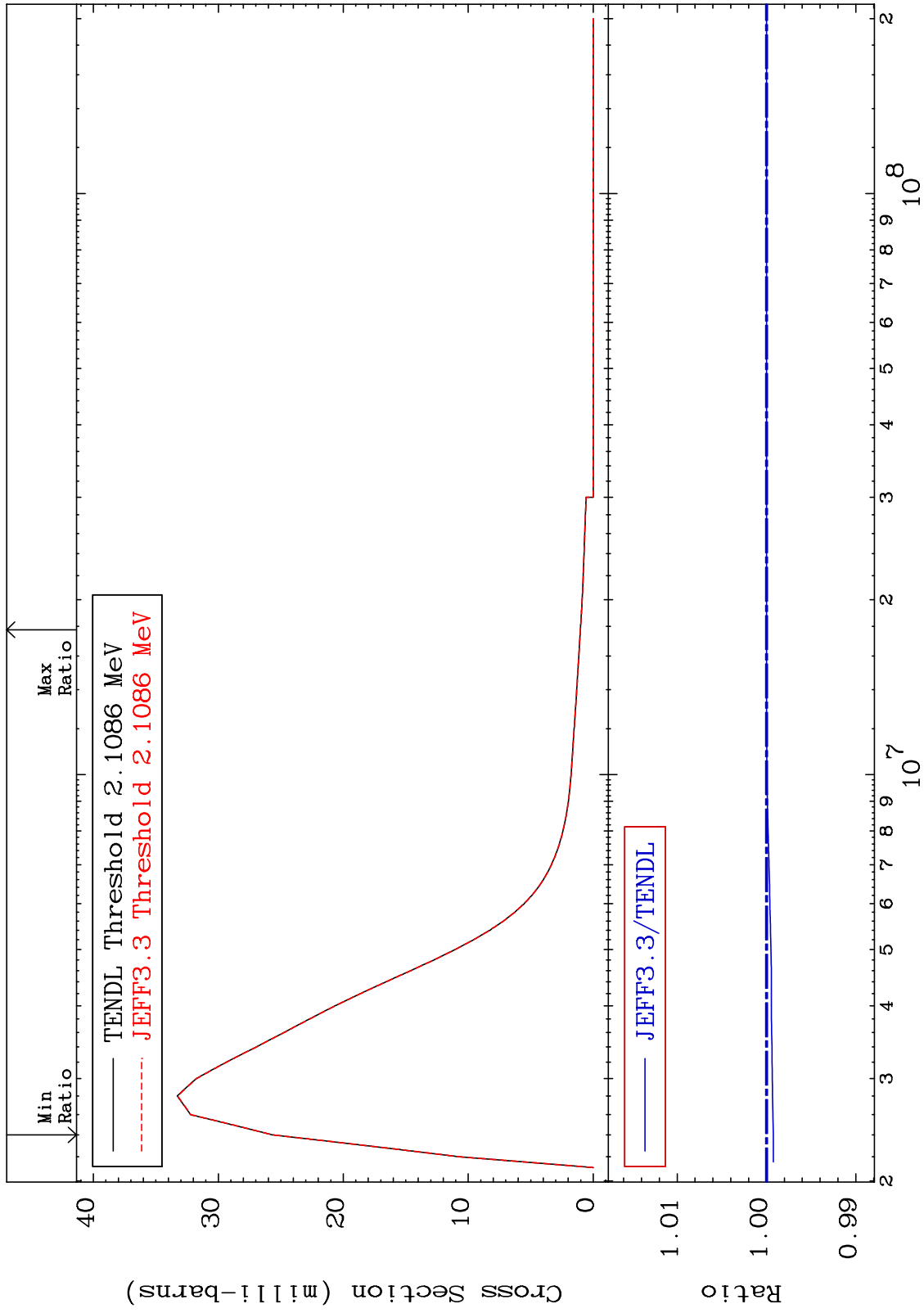
81-Tl-205
-0.053 To 0.000 %



MAT 8131

MT= 80 (n,n') Level
Cross Section

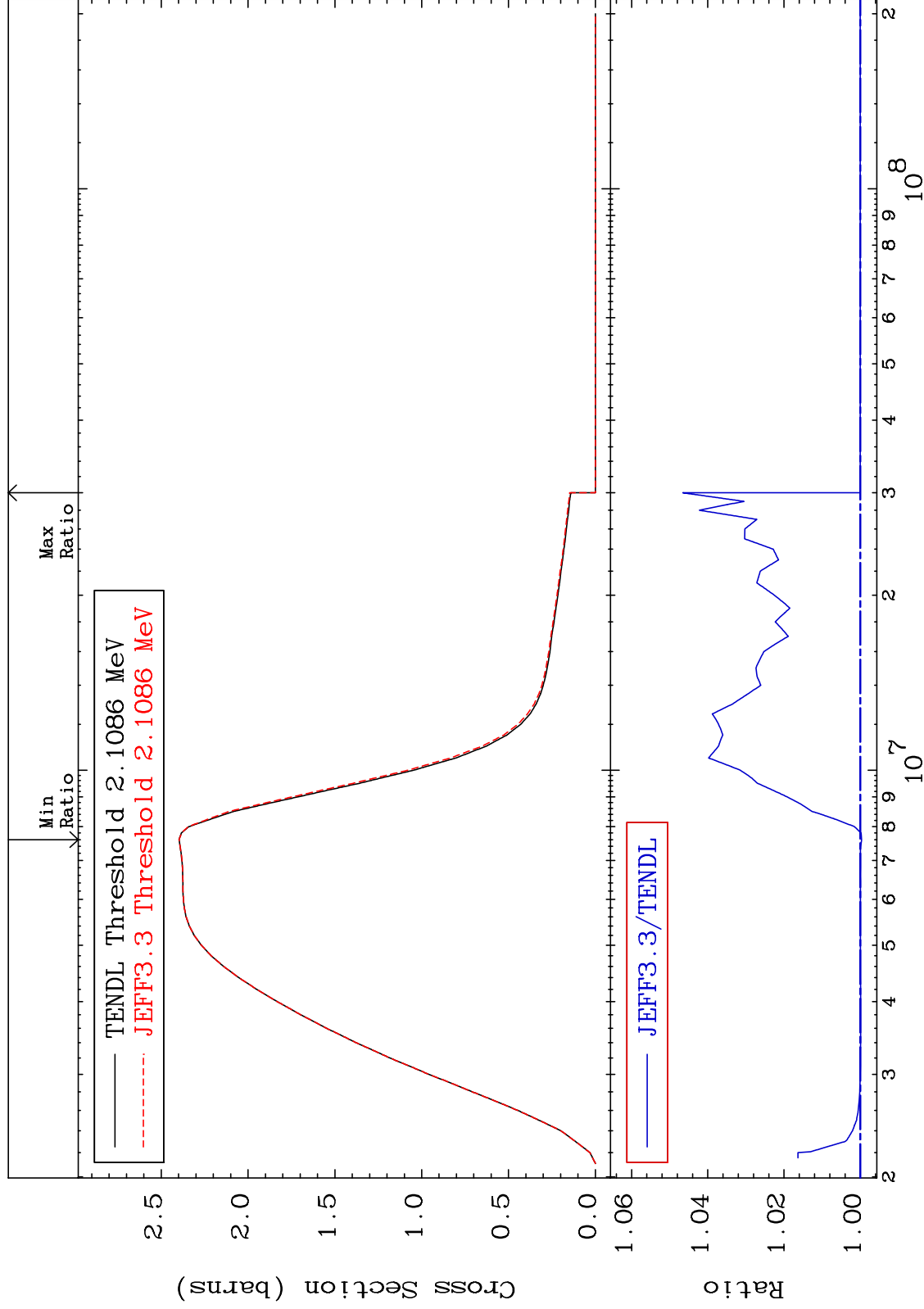
81-Tl-205
-0.076 To 0.000 %



MAT 8131

(n, n') Continuum
Cross Section

81-Tl-205
-0.033 To 4.654 %



48

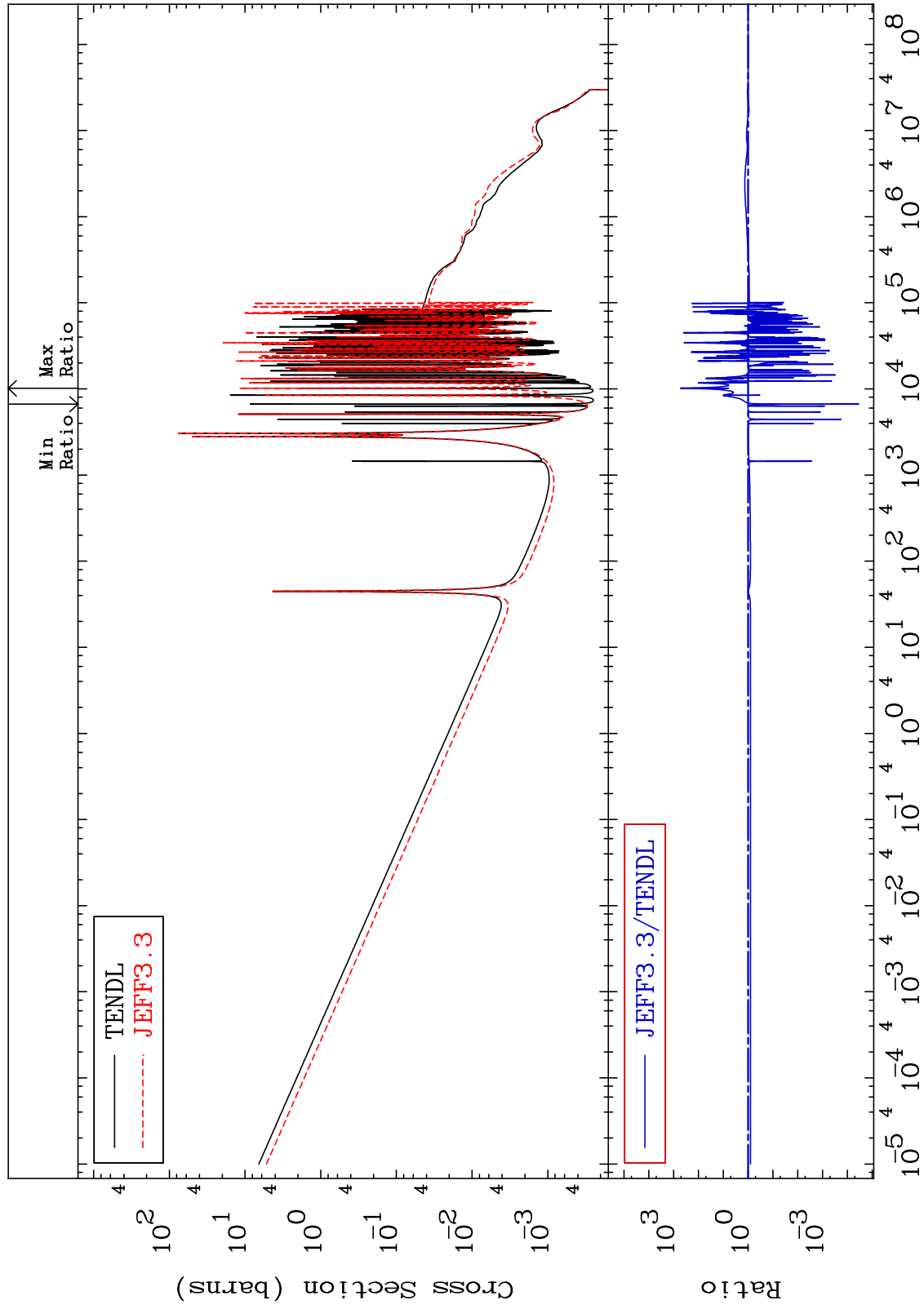
Incident Energy (eV)

81-Tl-205

MAT 8131

(n, γ)
Cross Section

81-Tl-205
-100.0 To 9999. %



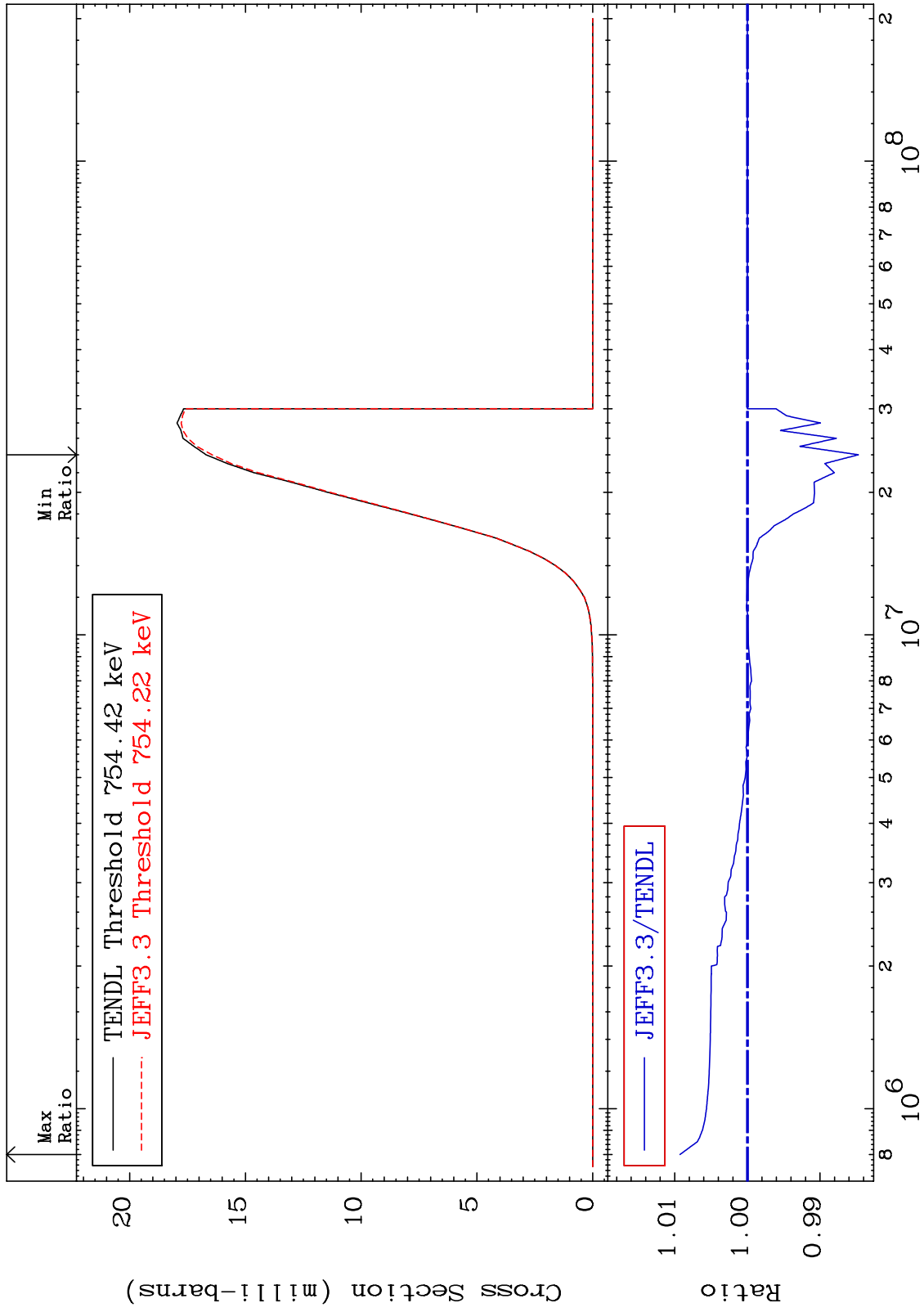
MAT 8131

(n, p)

81-Tl-205

Cross Section

-1.528 To 0.927 %



50

Incident Energy (eV)

81-Tl-205

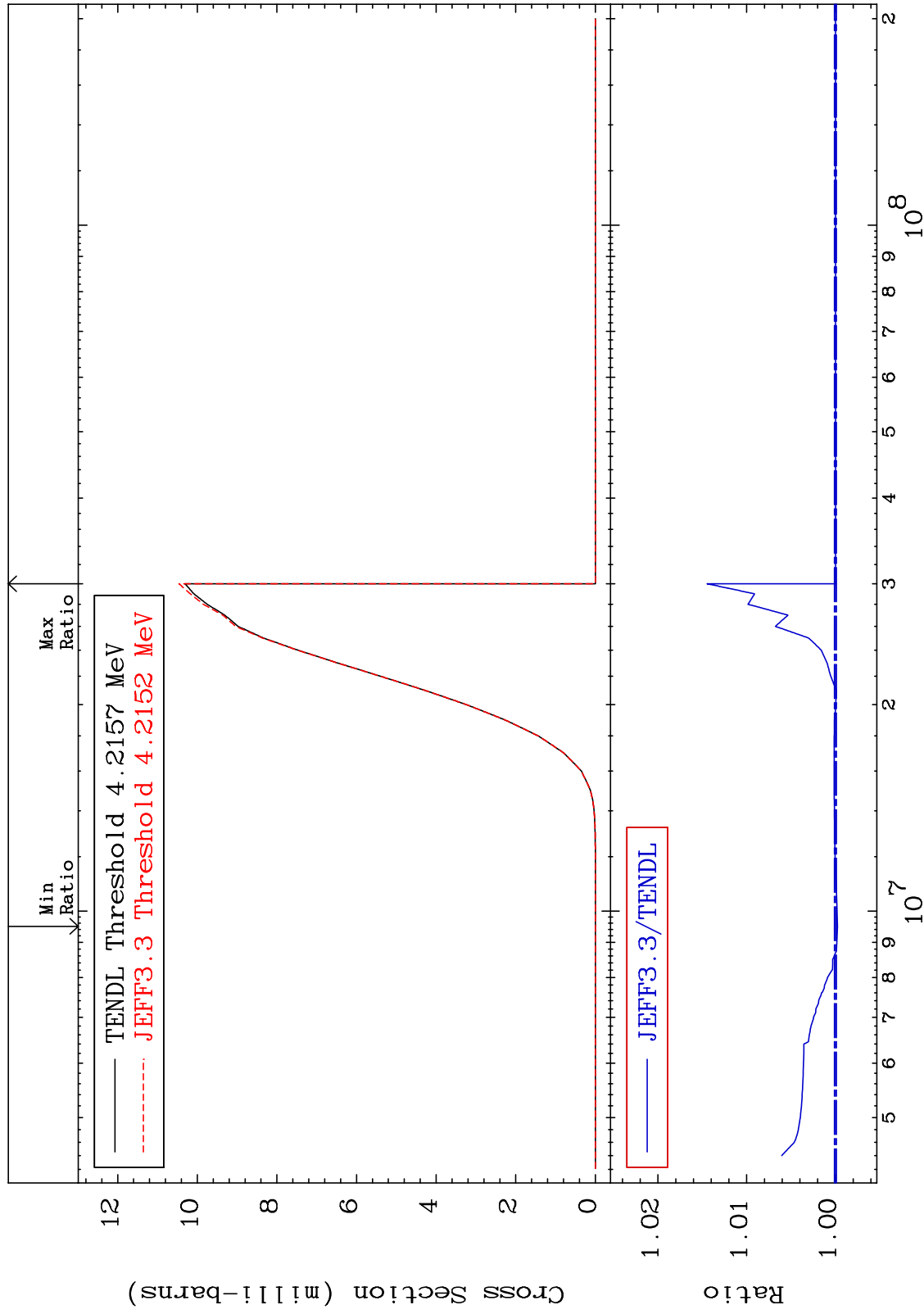
MAT 8131

(n, d)

81-Tl-205

Cross Section

-0.022 To 1.447 %



51

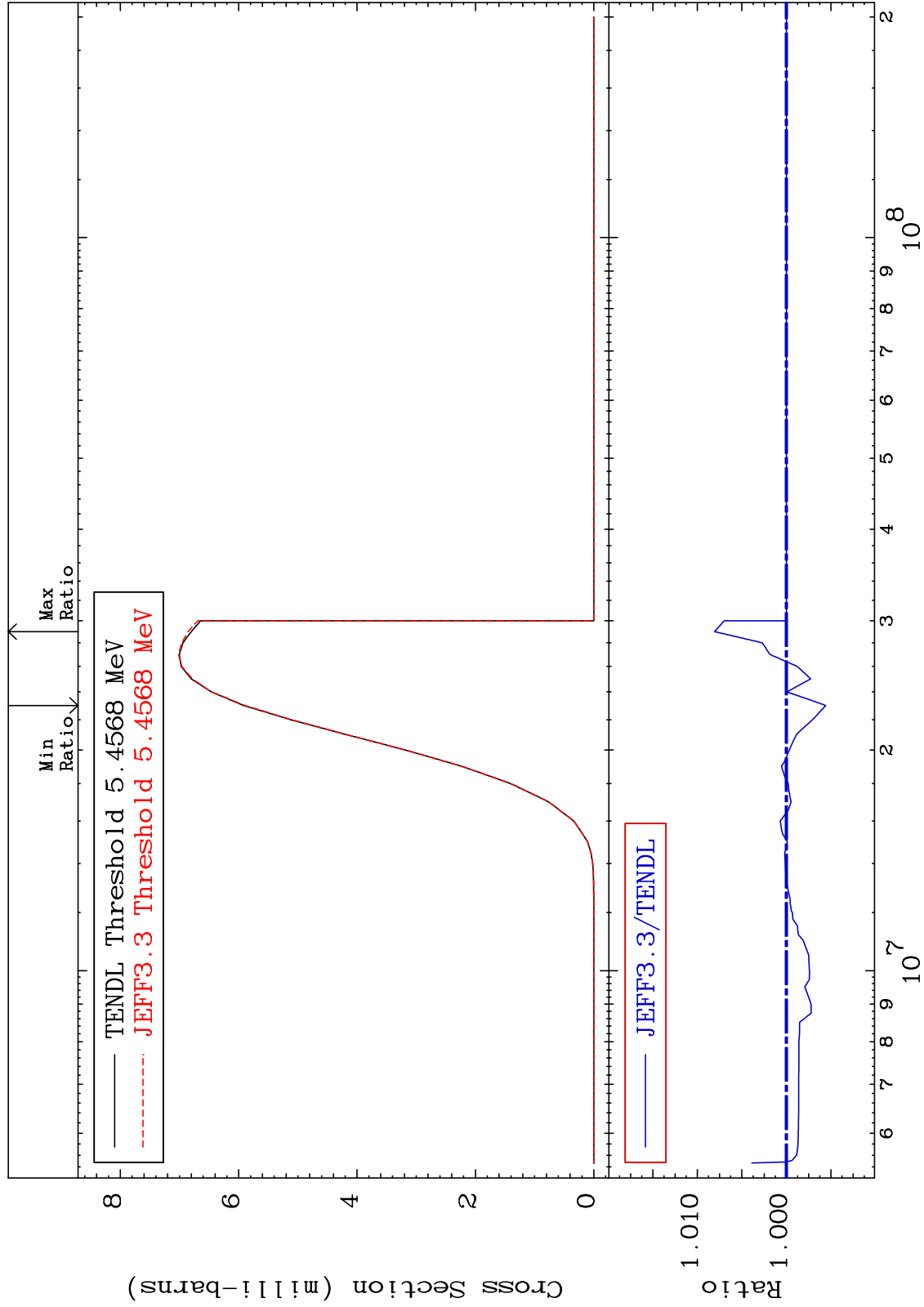
Incident Energy (eV)

81-Tl-205

MAT 8131

81-Tl-205

(n, t)
Cross Section
-0.442 To 0.807 %



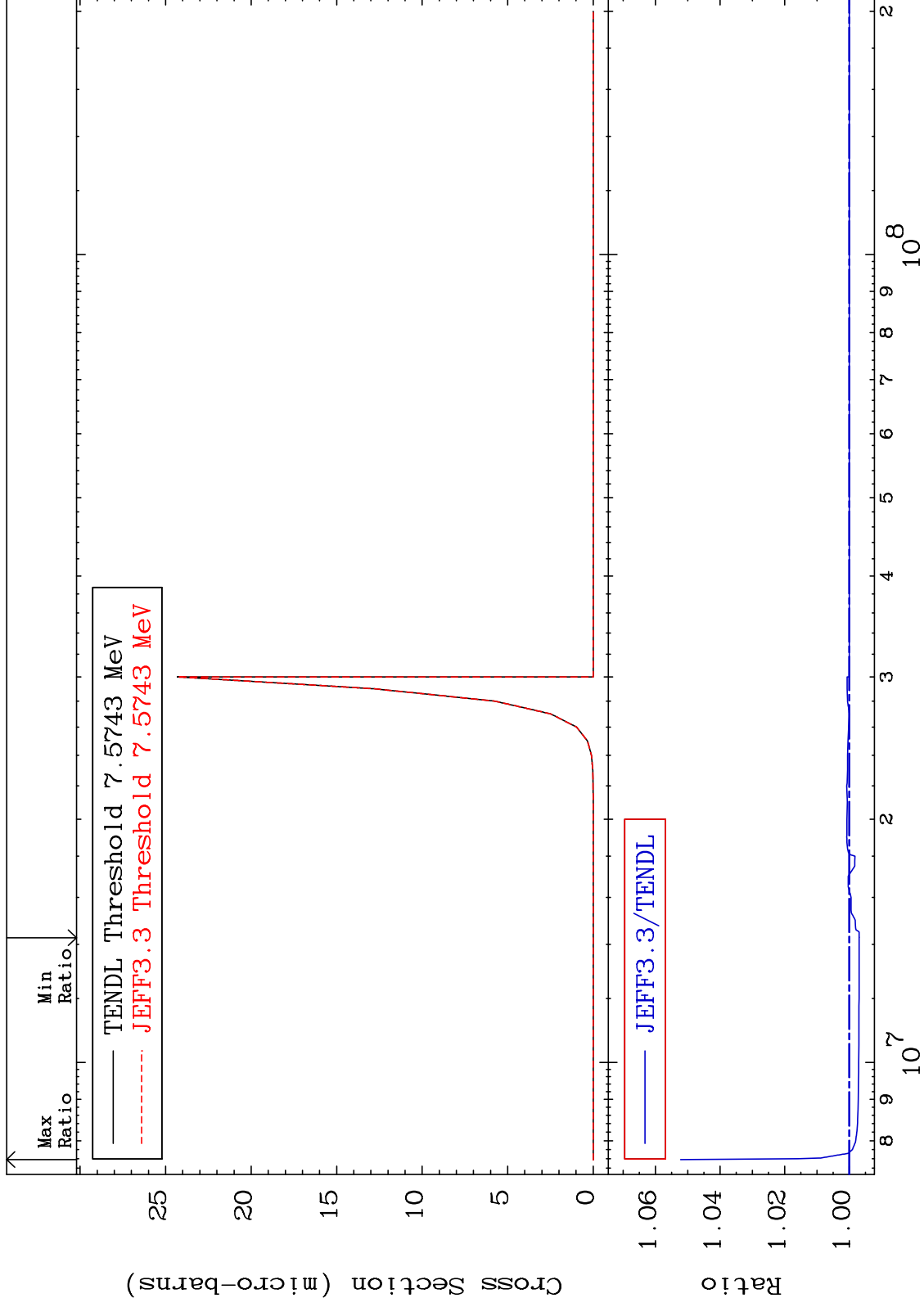
MAT 8131

(n, He-3)

81-Tl-205

Cross Section

-0.308 To 5.221 %



53

Incident Energy (eV)

81-Tl-205

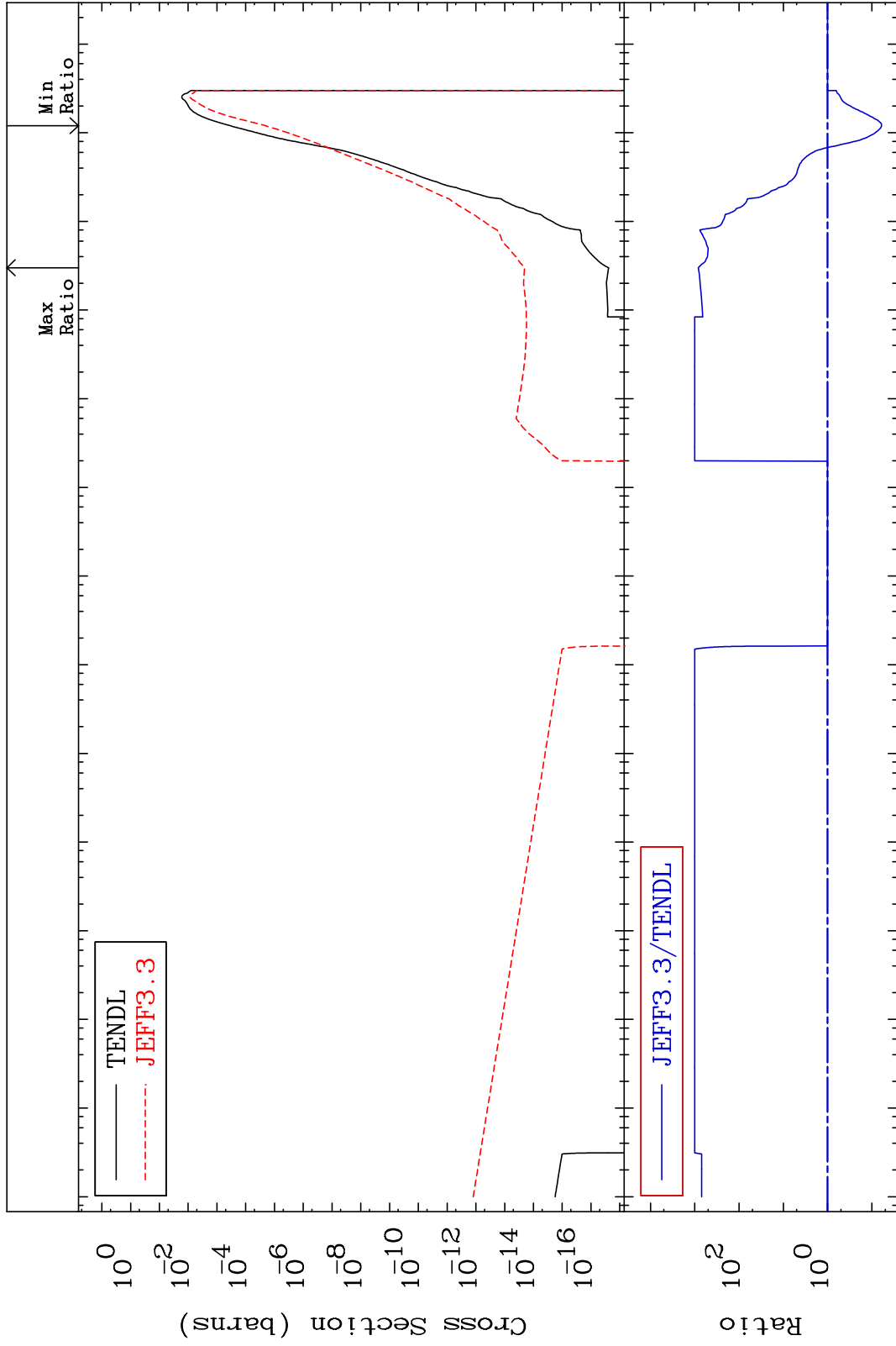
MAT 8131

(n, α)

81-Tl-205

Cross Section

-93.95 To 9999. %



Incident Energy (eV)

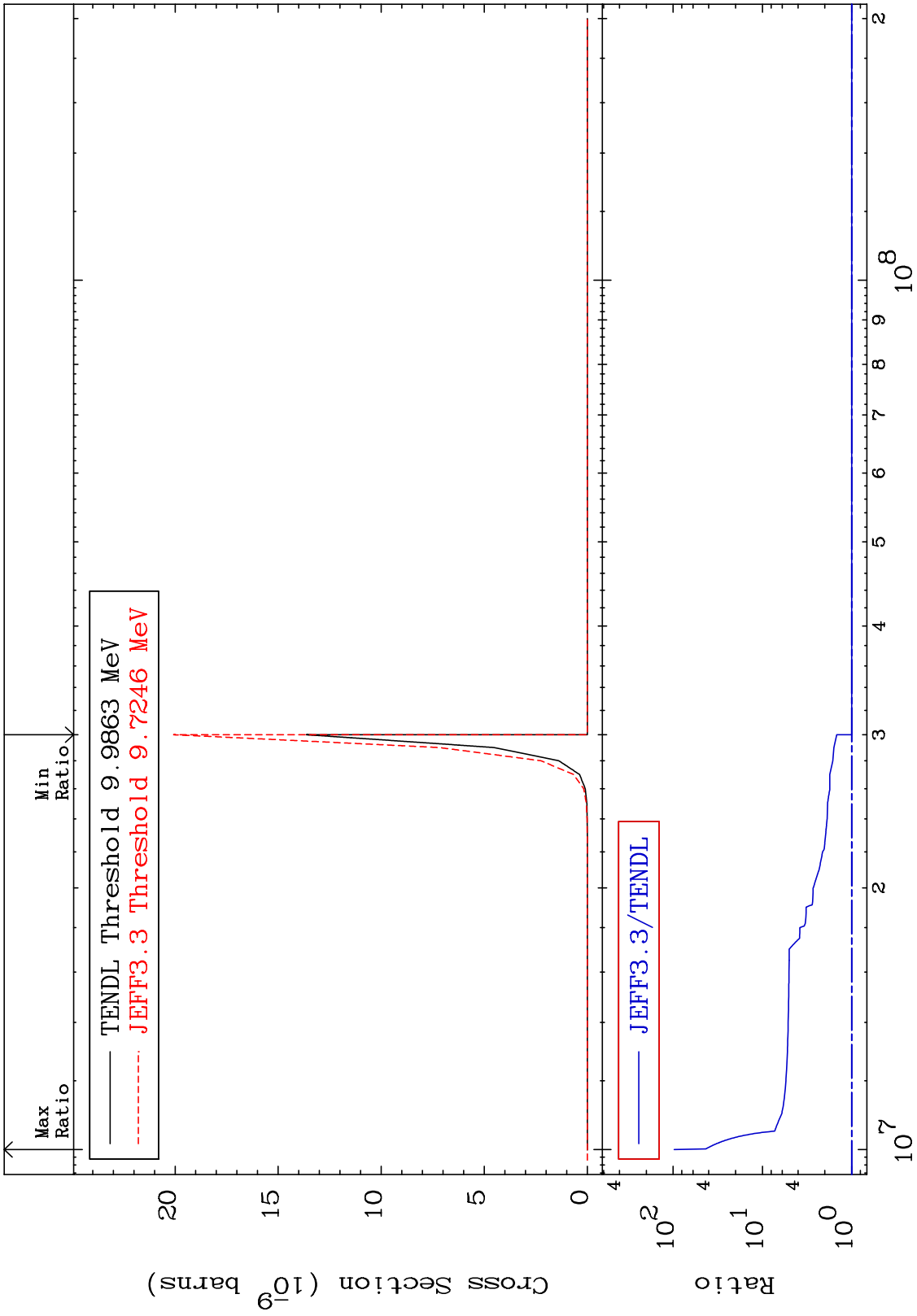
MAT 8131

(n,2p)

81-Tl-205

Cross Section

0.000 To 9630. %



55

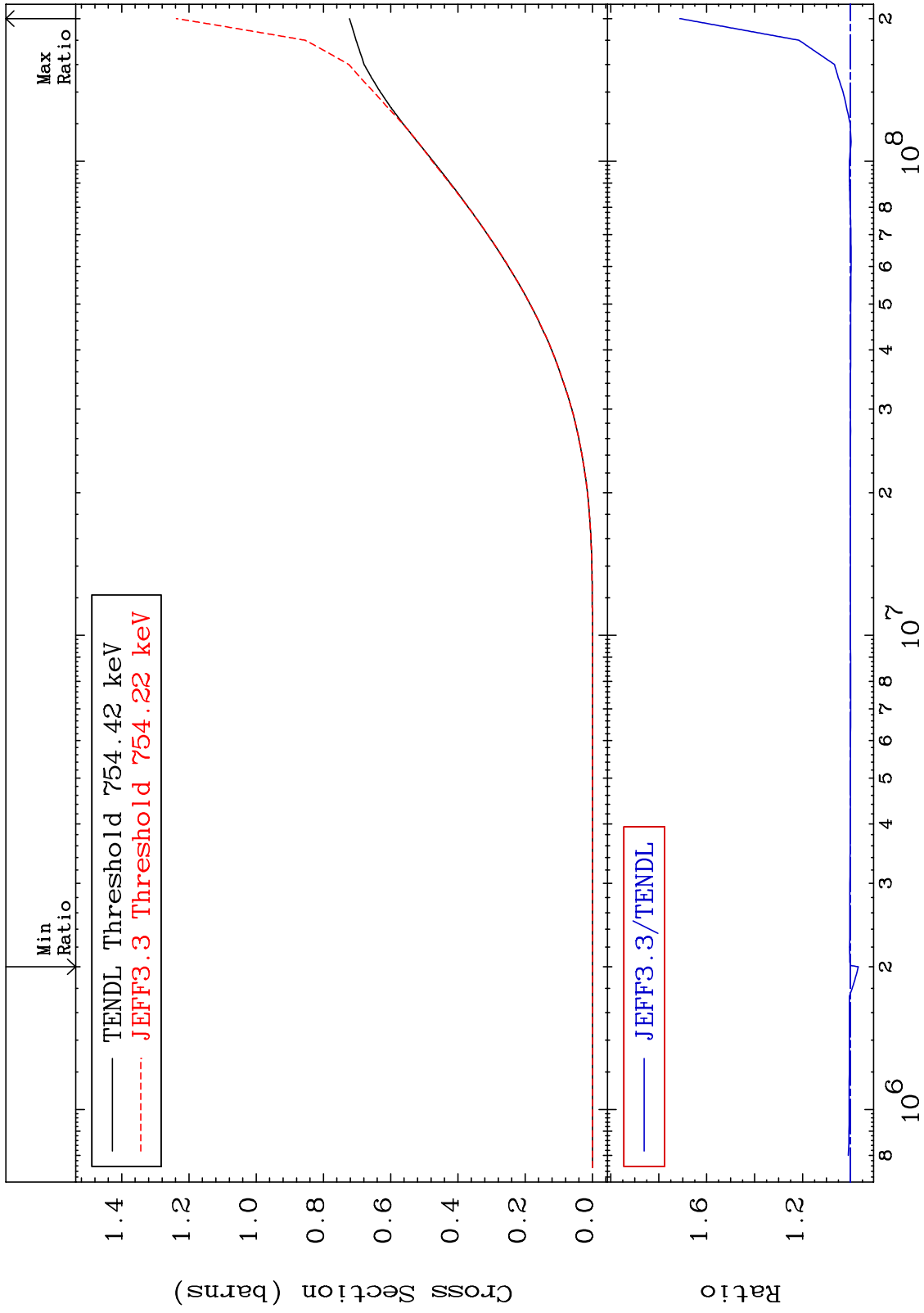
Incident Energy (eV)

81-Tl-205

MAT 8131

Hydrogen Production
Cross Section

81-T1-205
-3.271 To 71.22 %



56

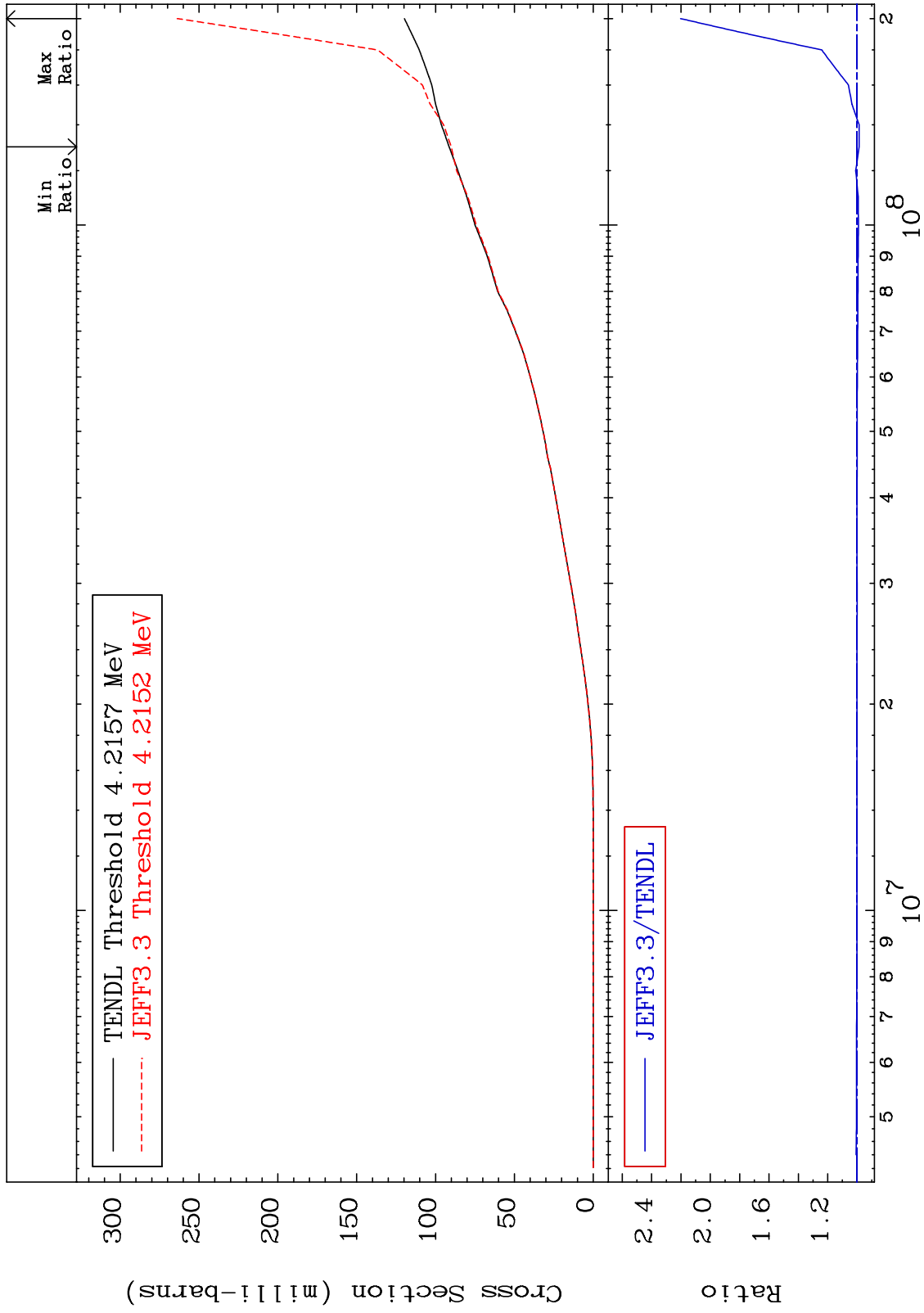
Incident Energy (eV)

81-T1-205

MAT 8131

Deuterium Production
Cross Section

81-Tl-205
-1.469 To 120.2 %



57

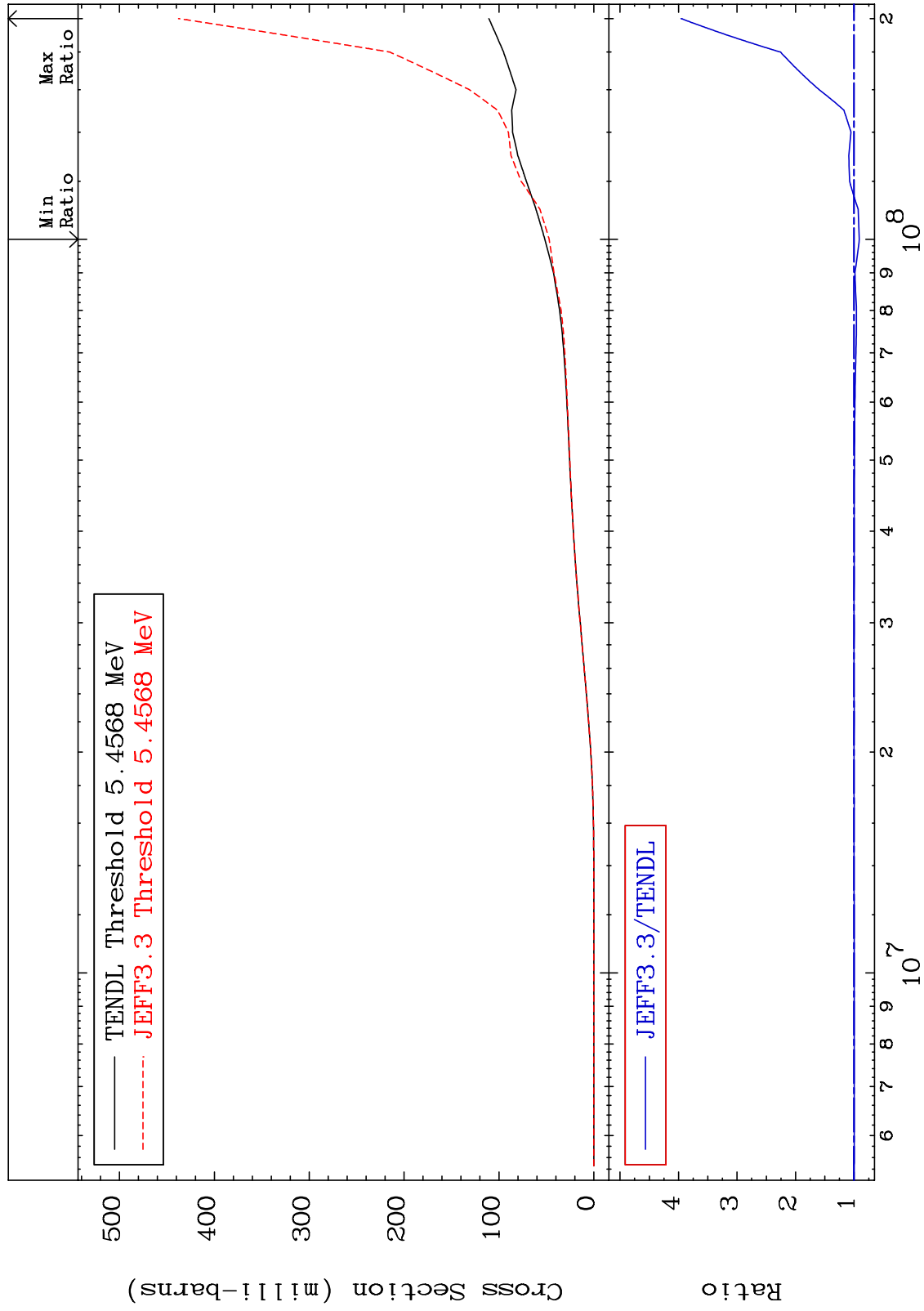
Incident Energy (eV)

81-Tl-205

MAT 8131

Tritium Production
Cross Section

81-Tl-205
-8.868 To 295.7 %



58

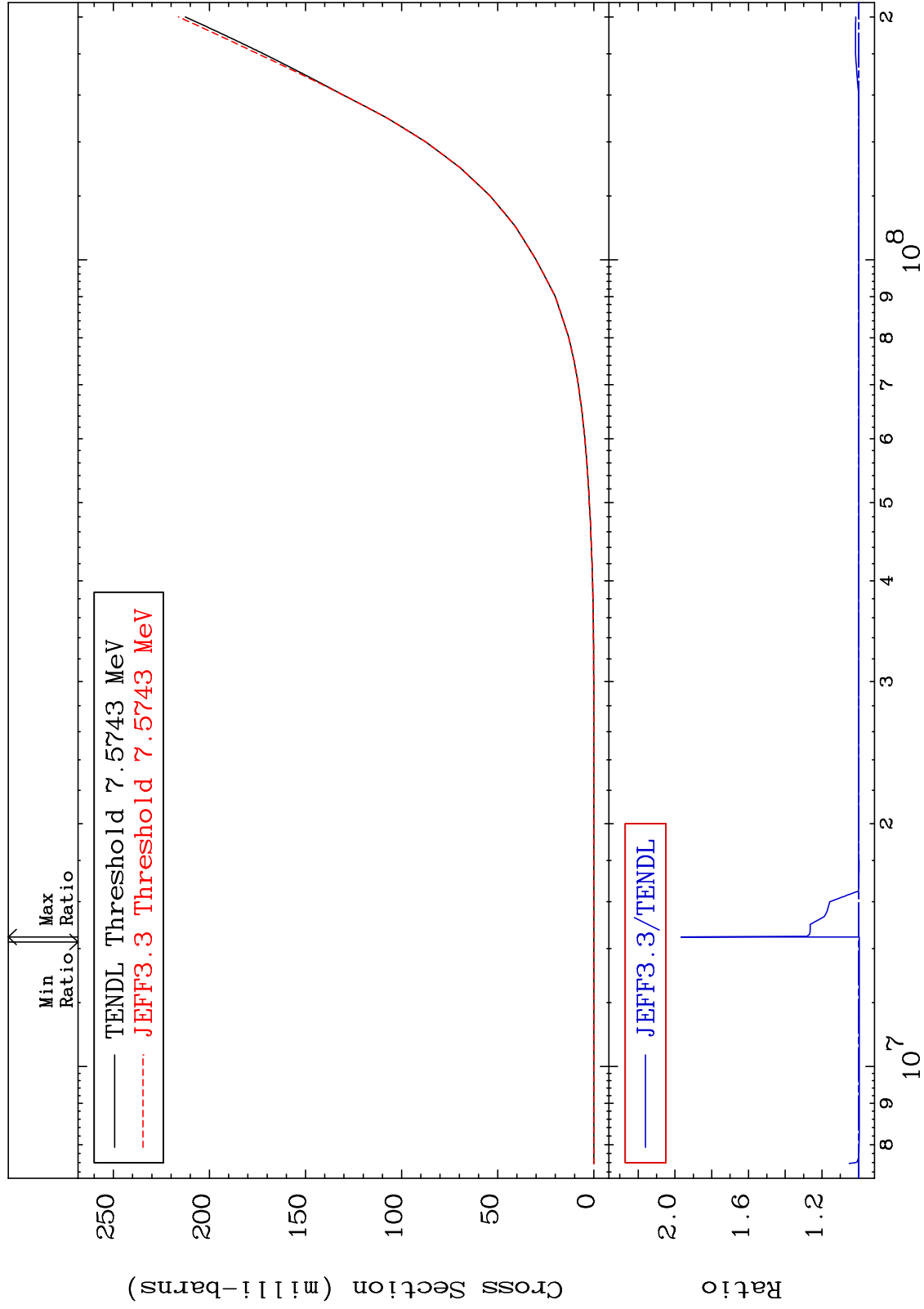
Incident Energy (eV)

81-Tl-205

MAT 8131

He-3 Production
Cross Section

81-Tl-205
-0.308 To 96.69 %



59

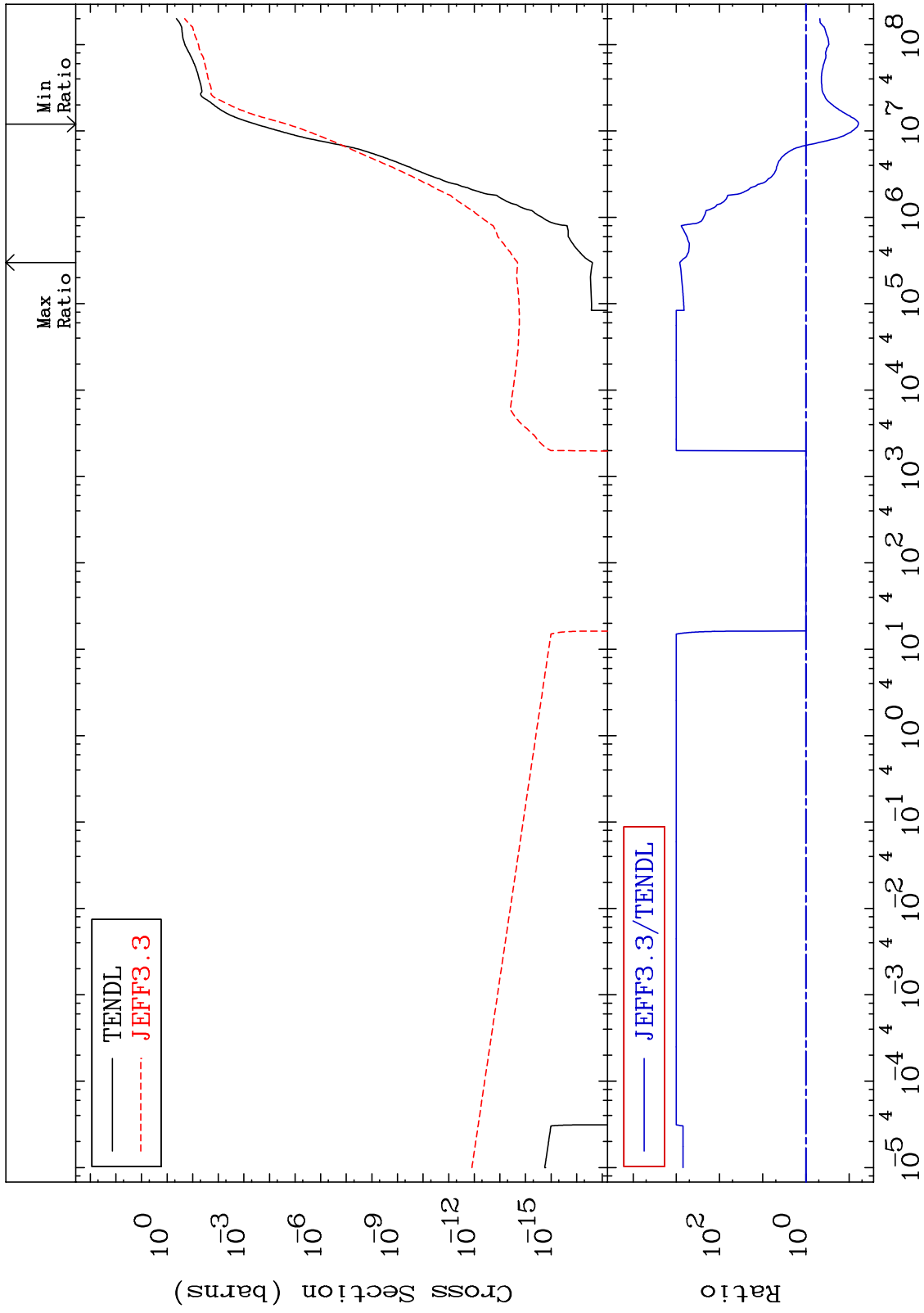
Incident Energy (eV)

81-Tl-205

MAT 8131

He-4 Production
Cross Section

81-Tl-205
-93.91 To 9999. %



60

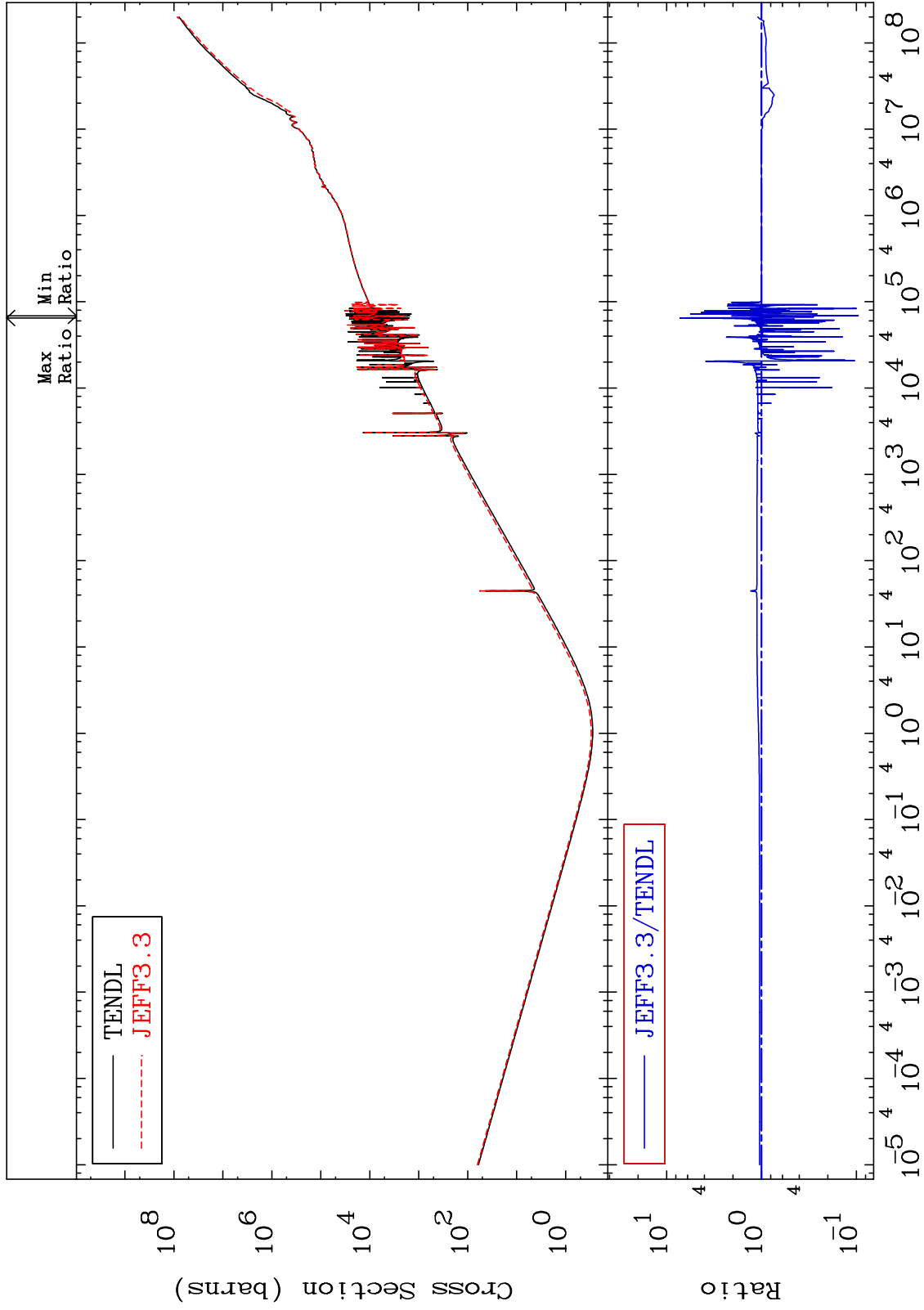
Incident Energy (eV)

81-Tl-205

MAT 8131

Kerma total (eV-barns)
Cross Section

81-Tl-205
-90.47 To 621.5 %



61

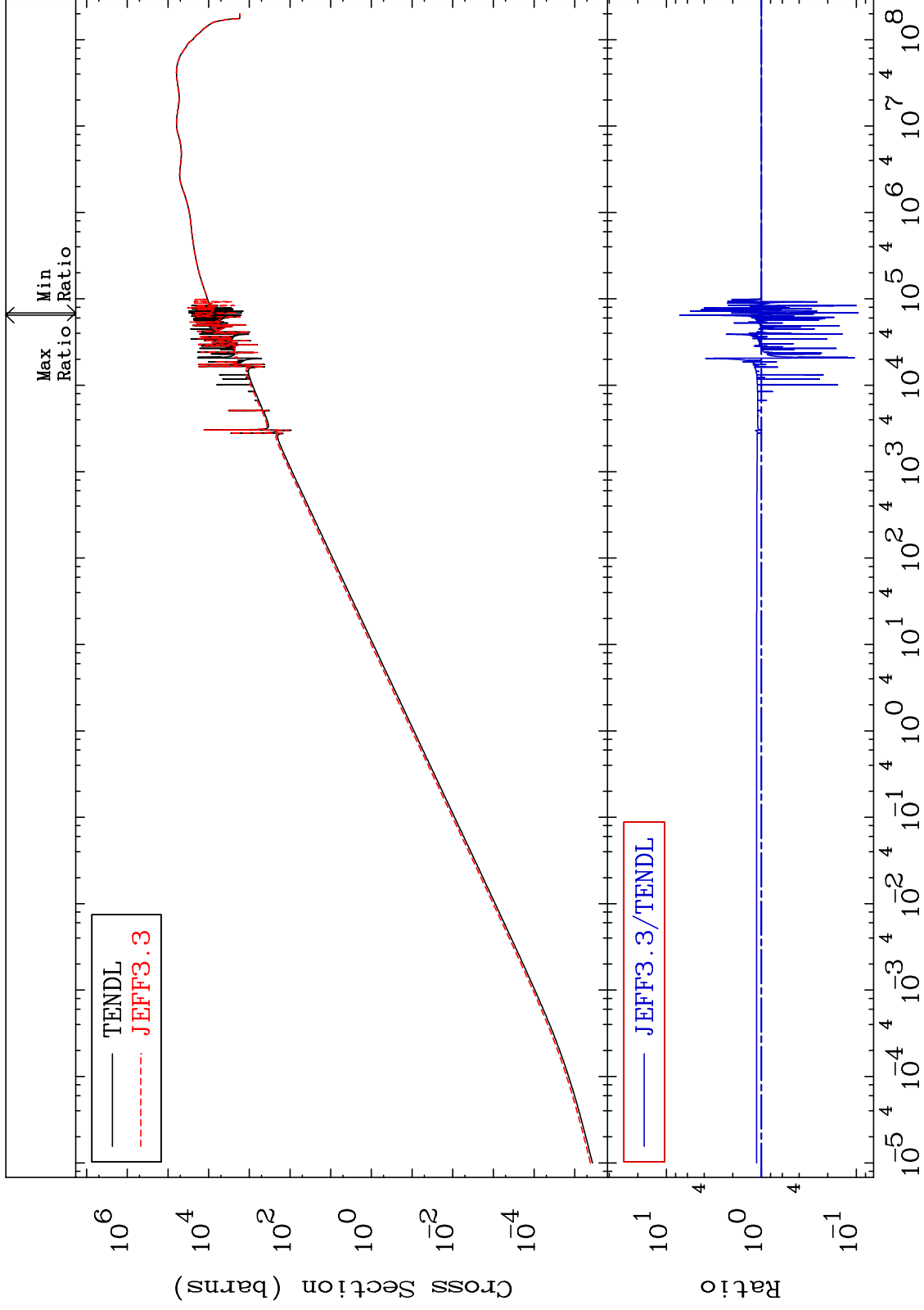
Incident Energy (eV)

81-Tl-205

MAT 8131

Kerma elastic
Cross Section

81-Tl-205
-90.47 To 621.6 %



62

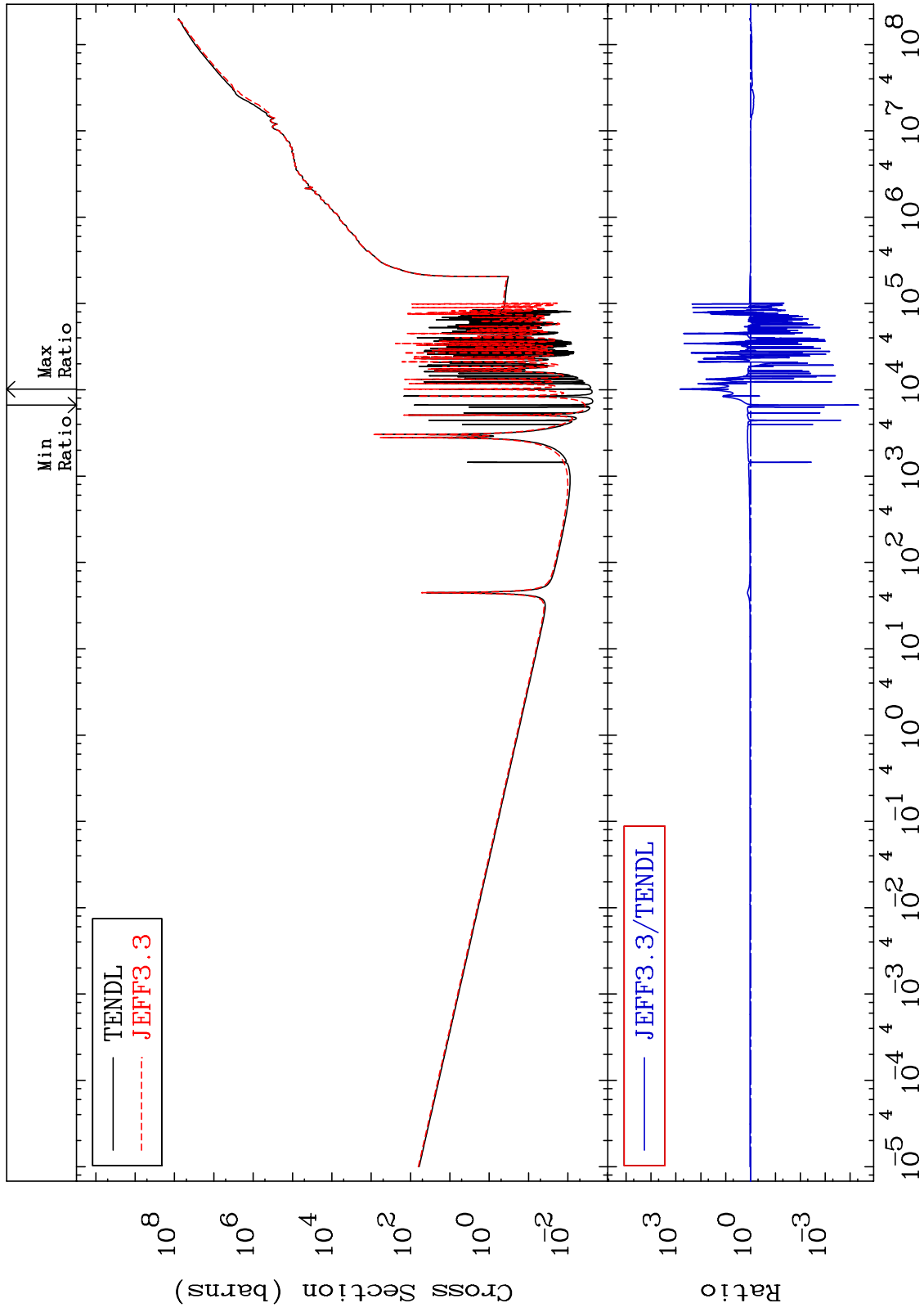
Incident Energy (eV)

81-Tl-205

MAT 8131

Kerma non-elastic (all but mt2)
Cross Section

81-Tl-205
-100.0 To 9999. %



63

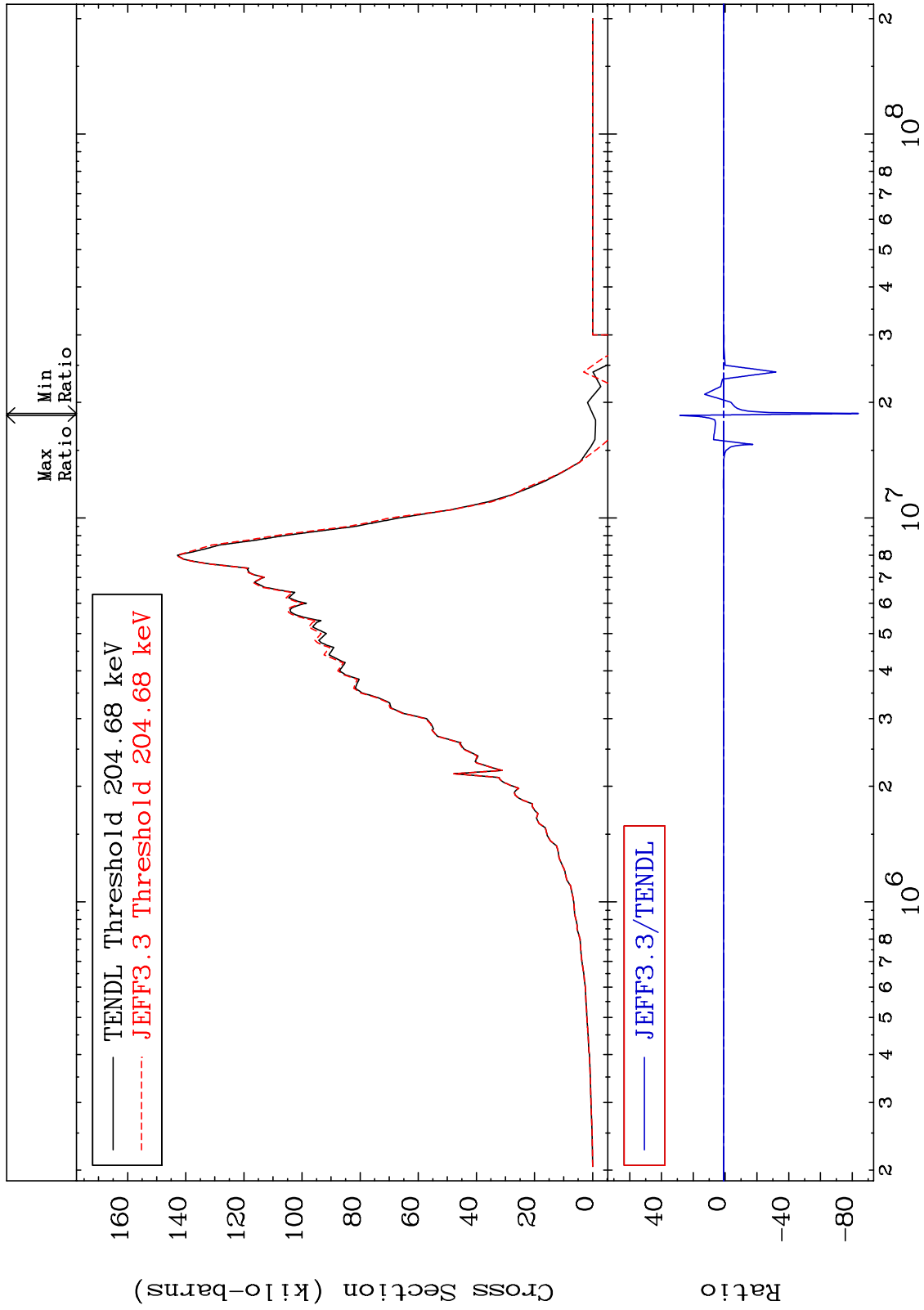
Incident Energy (eV)

81-Tl-205

MAT 8131

Kerma inelastic (mt51-91)
Cross Section

81-Tl-205
-8485. To 2736. %



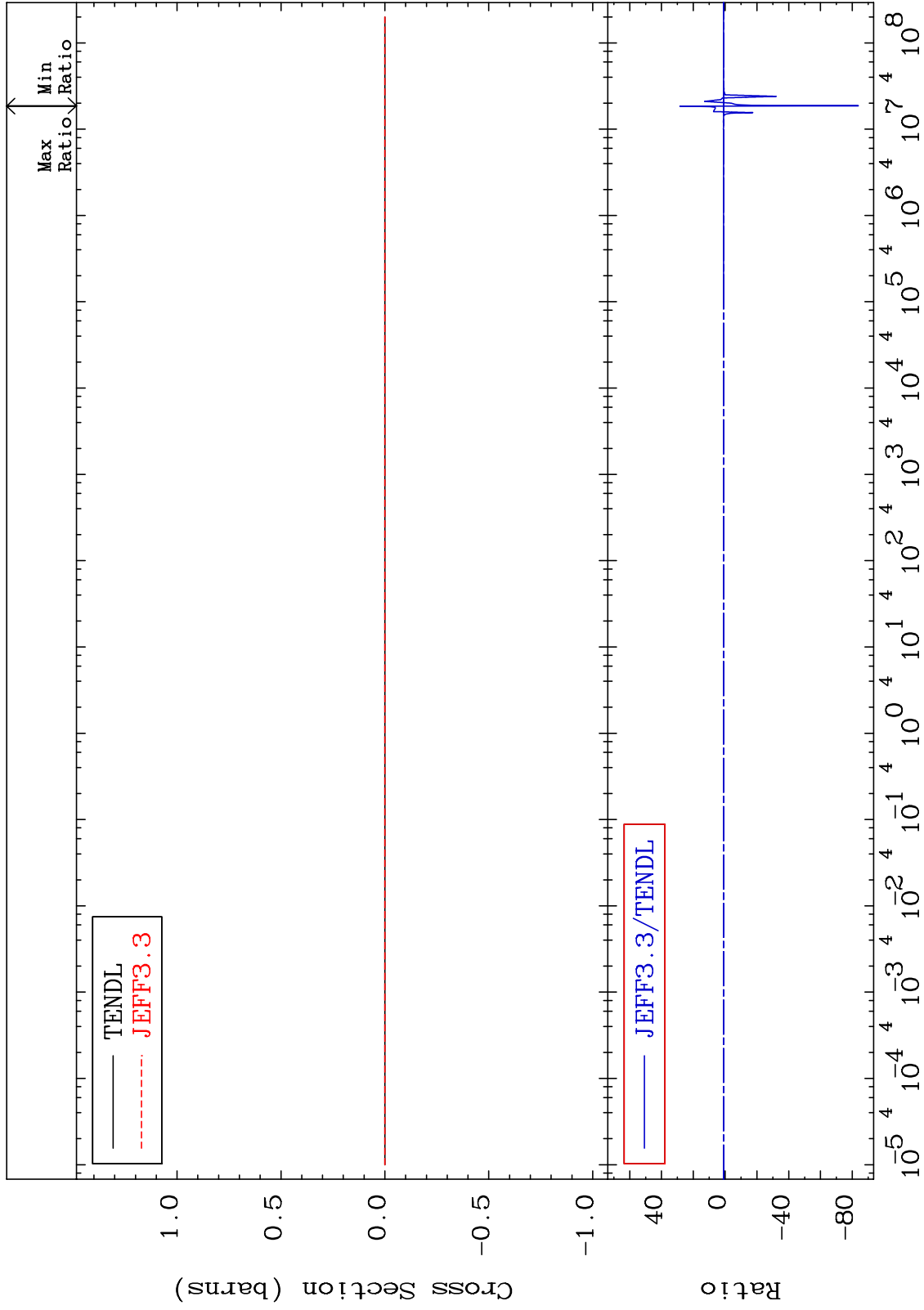
64

81-Tl-205

MAT 8131

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

81-T1-205
-8485. To 2736. %



65

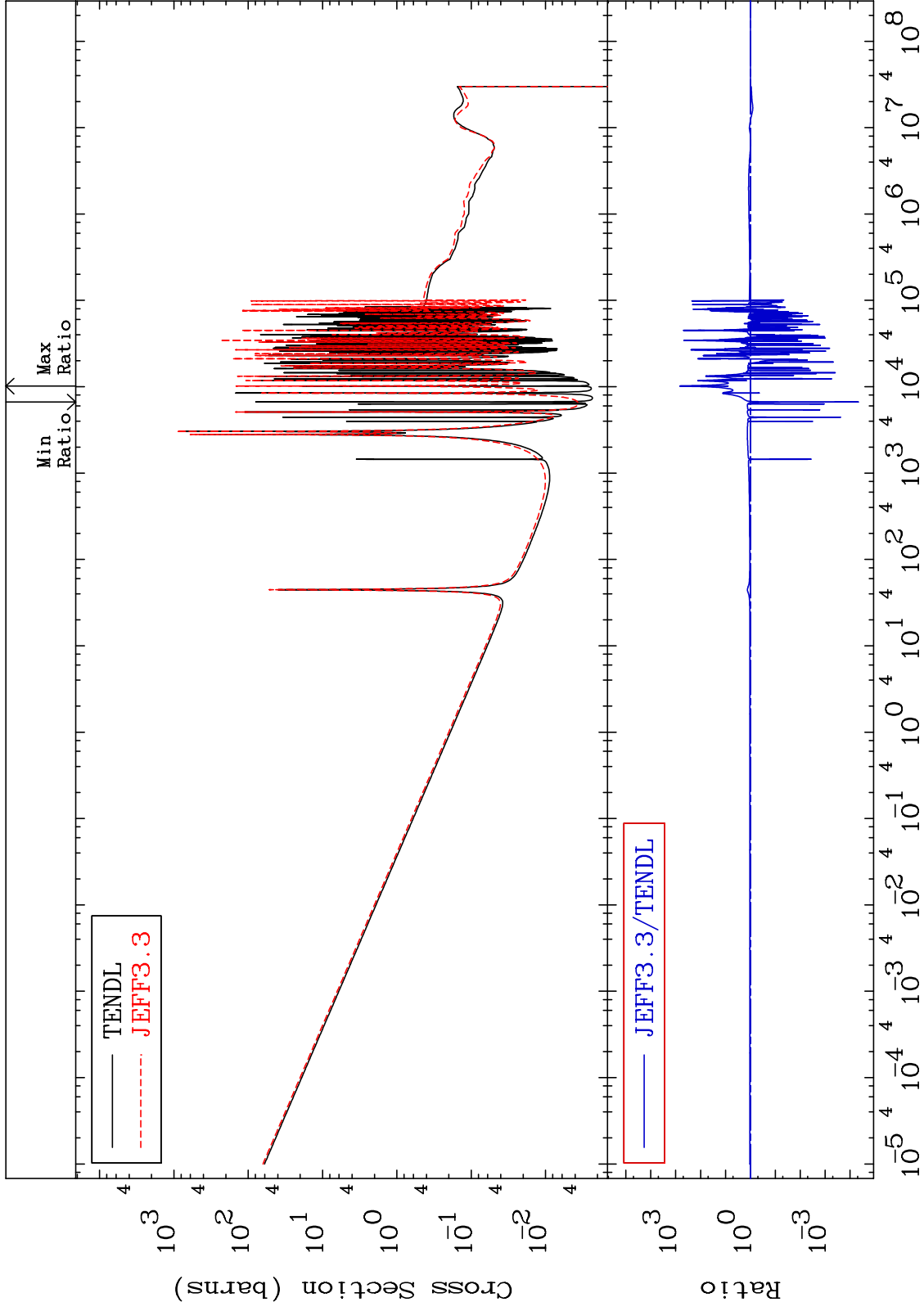
Incident Energy (eV)

81-T1-205

MAT 8131

Kerma capture (mt102)
Cross Section

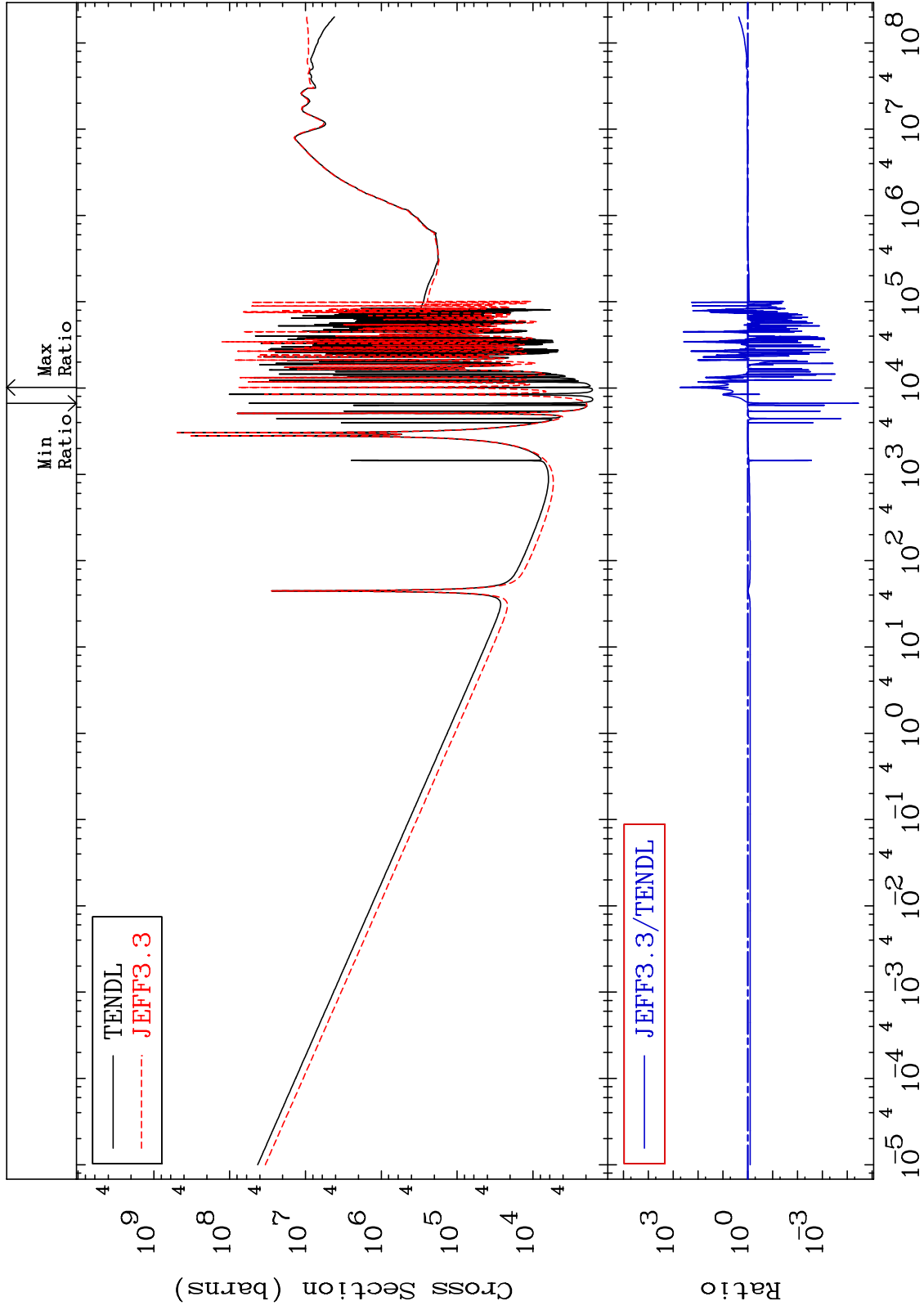
81-Tl-205
-100.0 To 9999. %



MAT 8131

Total photon (eV-barns)
Cross Section

81-Tl-205
-100.0 To 9999. %



67

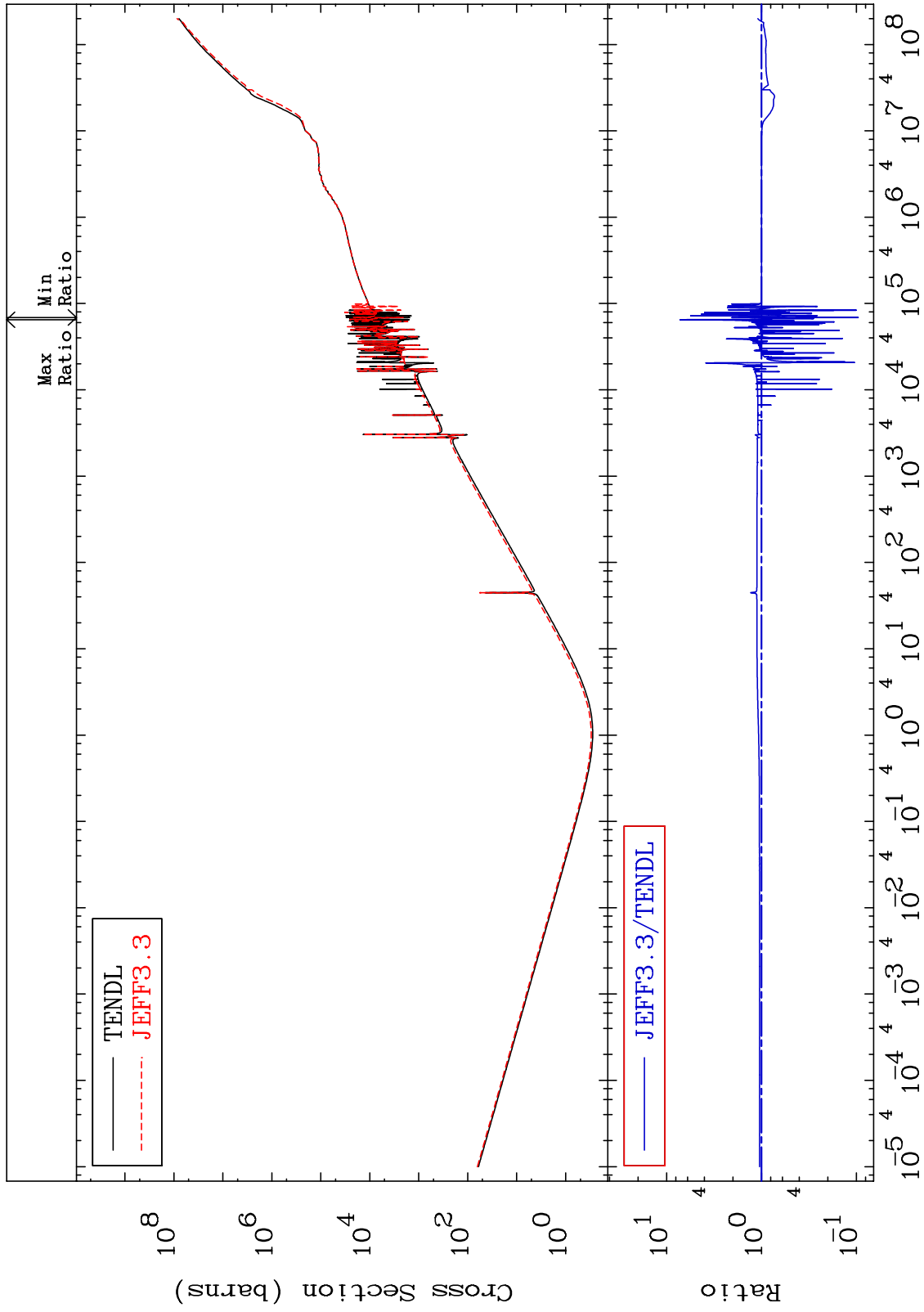
Incident Energy (eV)

81-Tl-205

MAT 8131

Total kinematic kerma (high limit)
Cross Section

81-Tl-205
-90.47 To 621.5 %



68

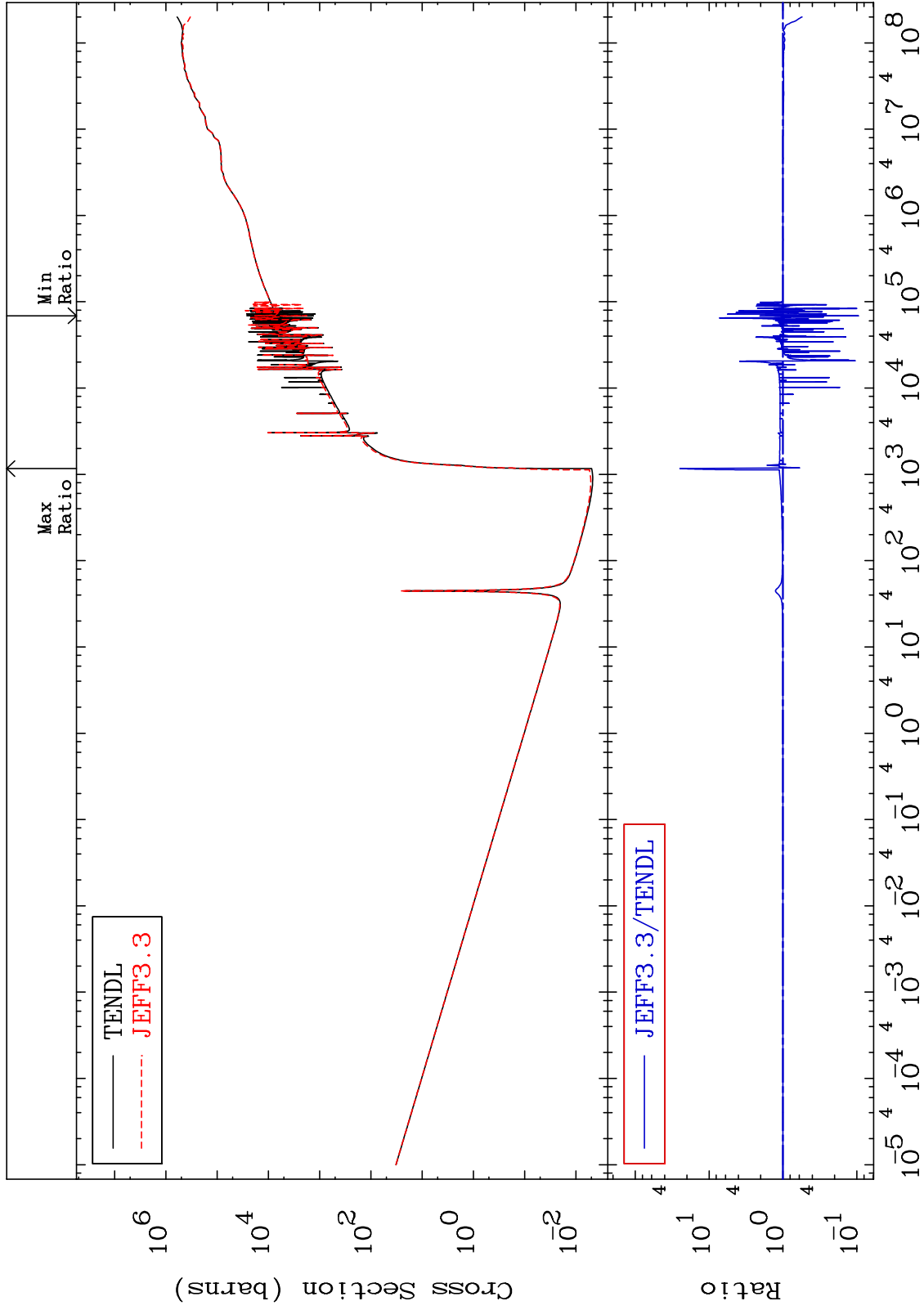
Incident Energy (eV)

81-Tl-205

MAT 8131

Dpa total (eV-barns)
Cross Section

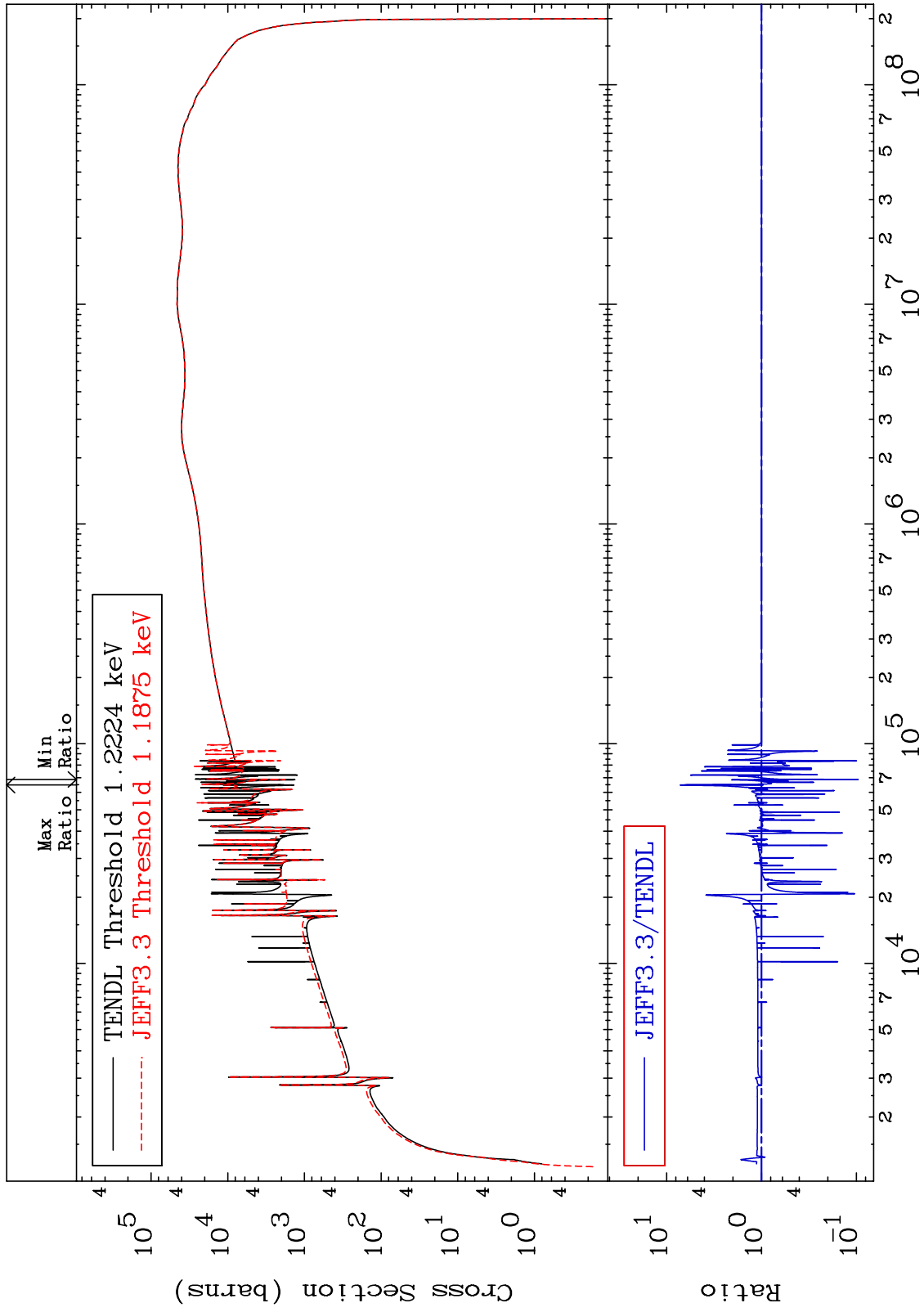
81-T1-205
-90.47 To 2373. %



MAT 8131

Dpa elastic (mt2)
Cross Section

81-Tl-205
-90.47 To 621.6 %



70

Incident Energy (eV)

81-Tl-205

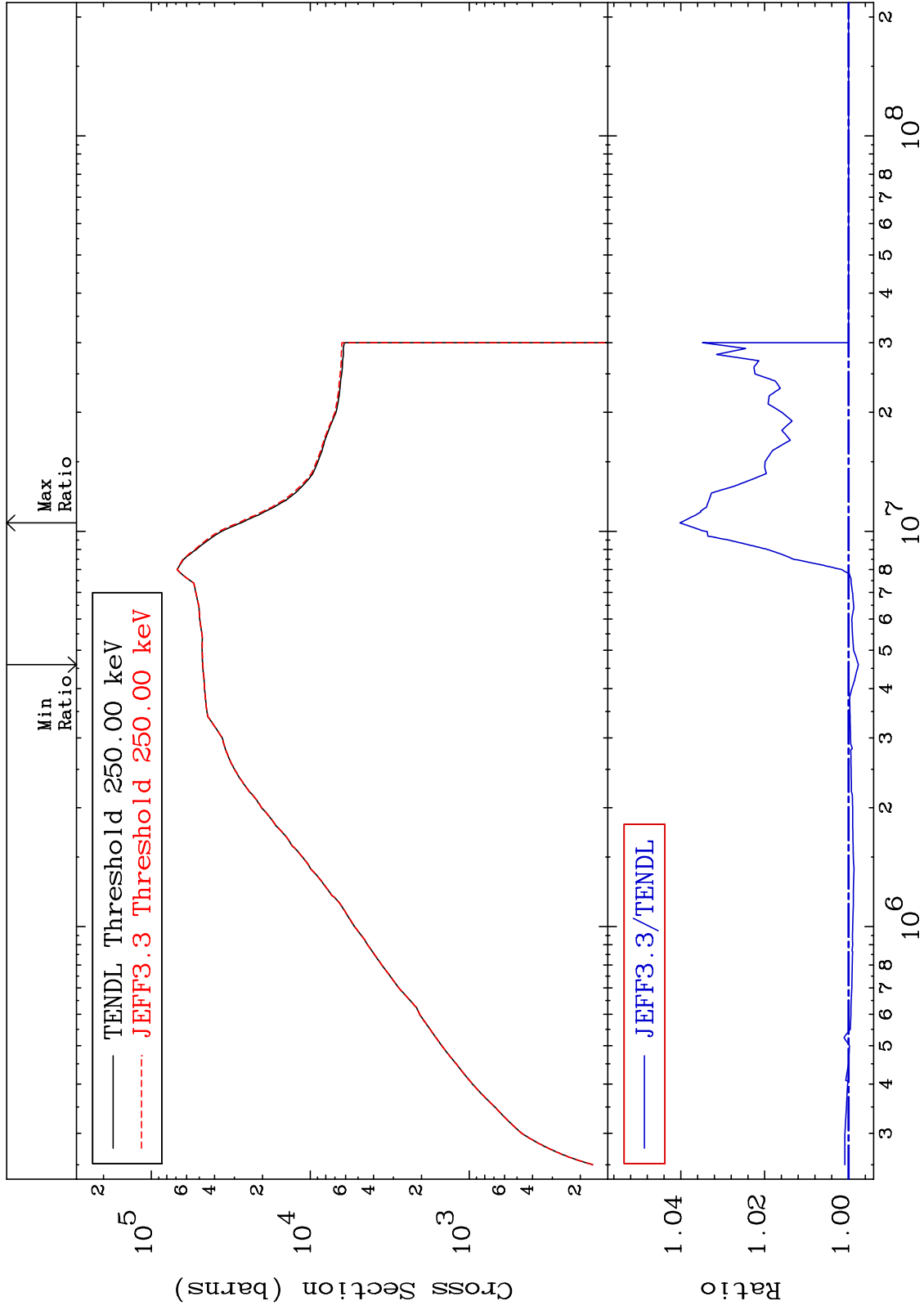
MAT 8131

Dpa inelastic (mt51-91)

81-T1-205

-0.237 To 4.020 %

Cross Section



71

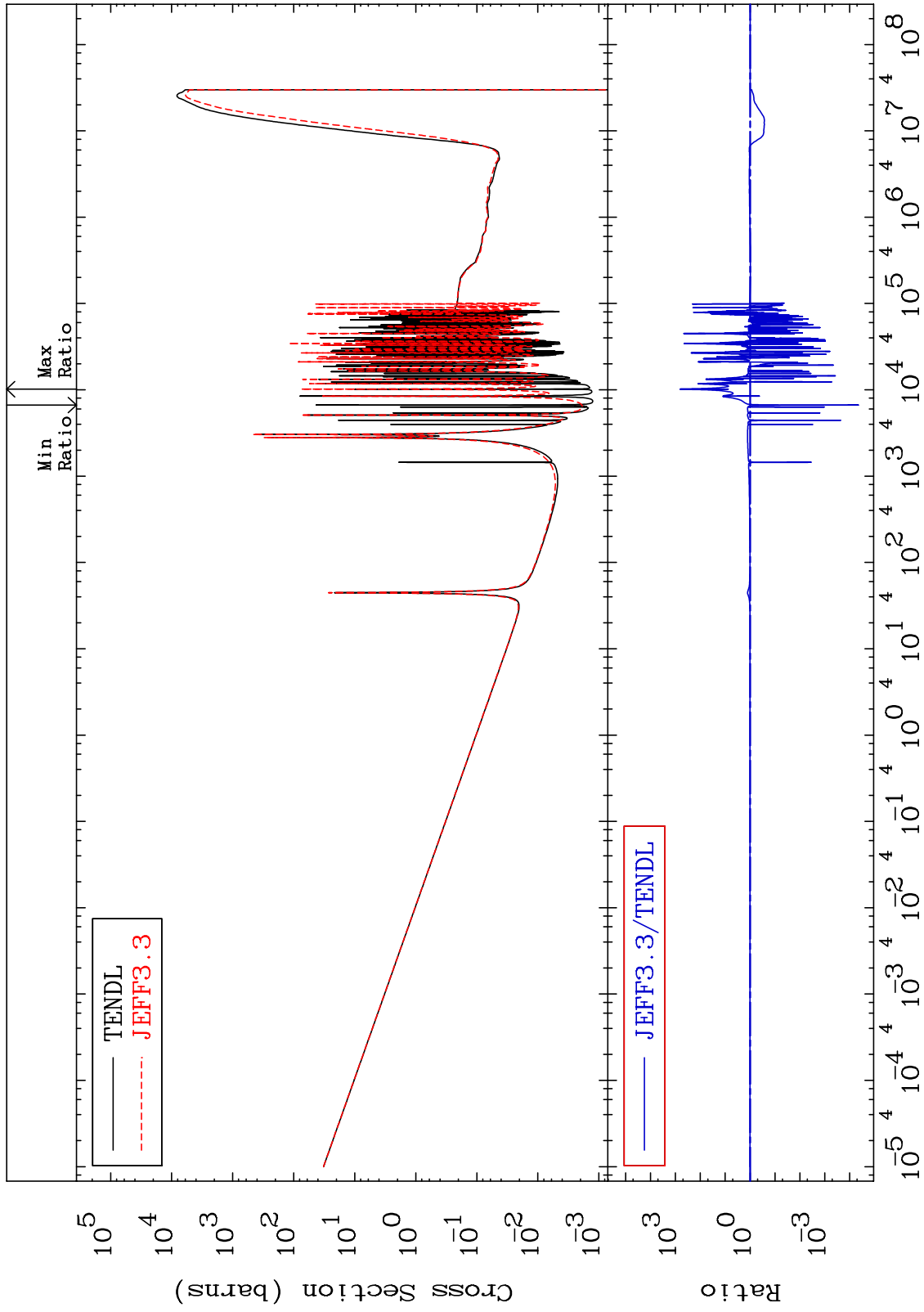
Incident Energy (eV)

81-T1-205

MAT 8131

Dpa disappearance (mt102 -120)
Cross Section

81-T1-205
-100.0 To 9999. %



72

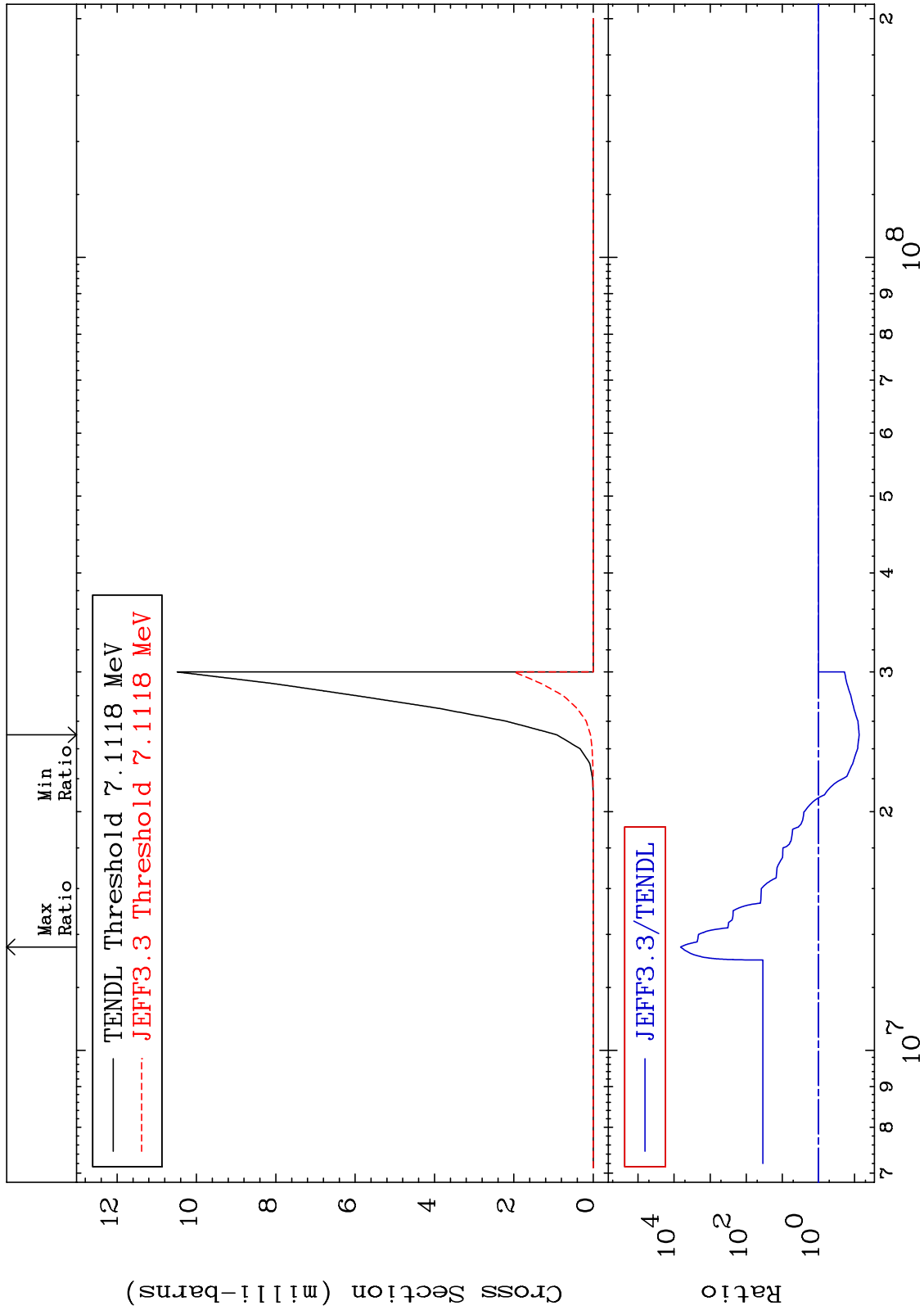
Incident Energy (eV)

81-T1-205

MAT 8131

(n,2n) α :79-Au-200g
Radionuclide Production Cross Section -92.56 To 9999. %

81-Tl-205



73

Incident Energy (eV)

81-Tl-205