

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

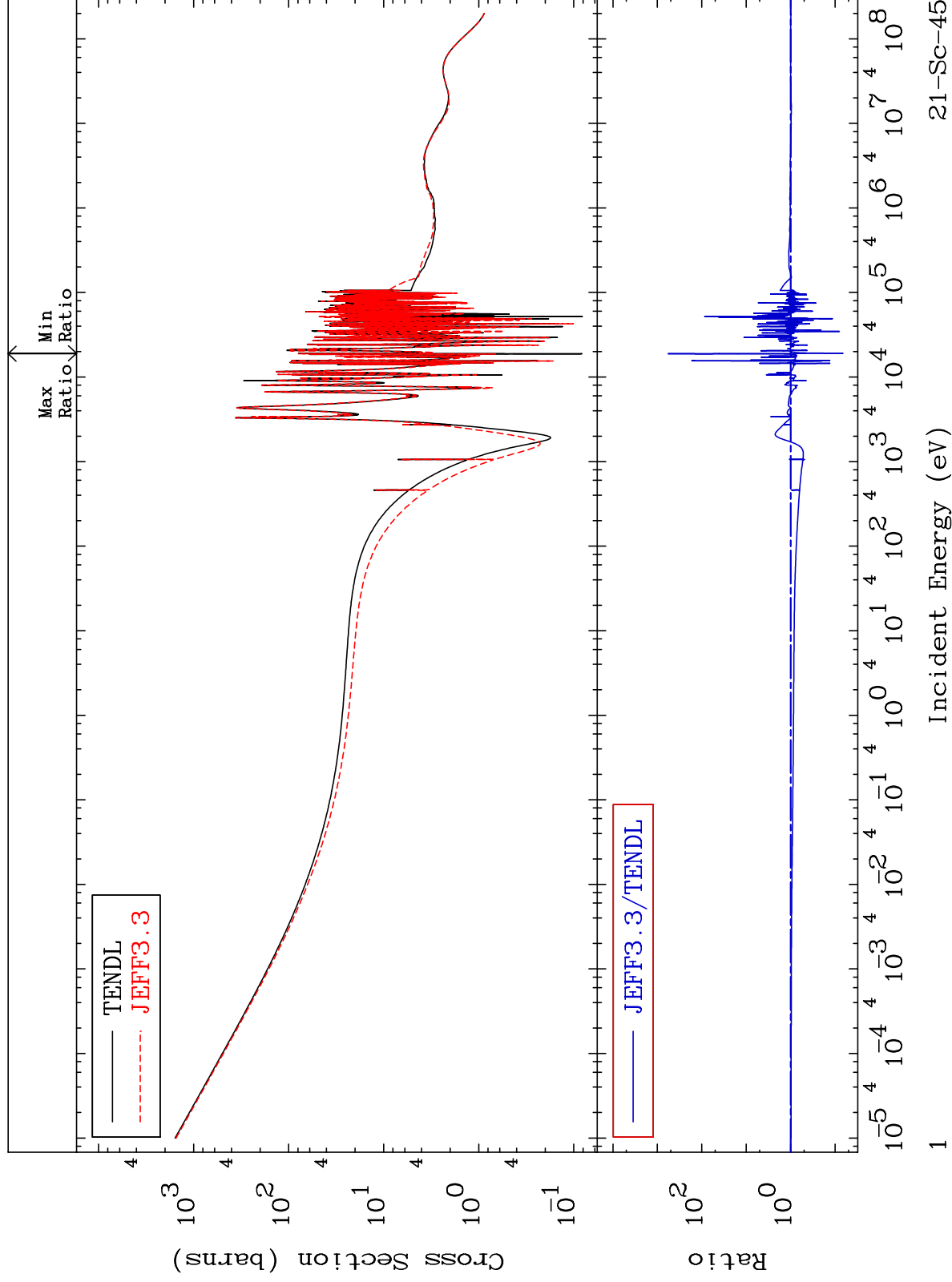
MAT 2125

Total

21-Sc-45

Cross Section

-93.29 To 9999. %



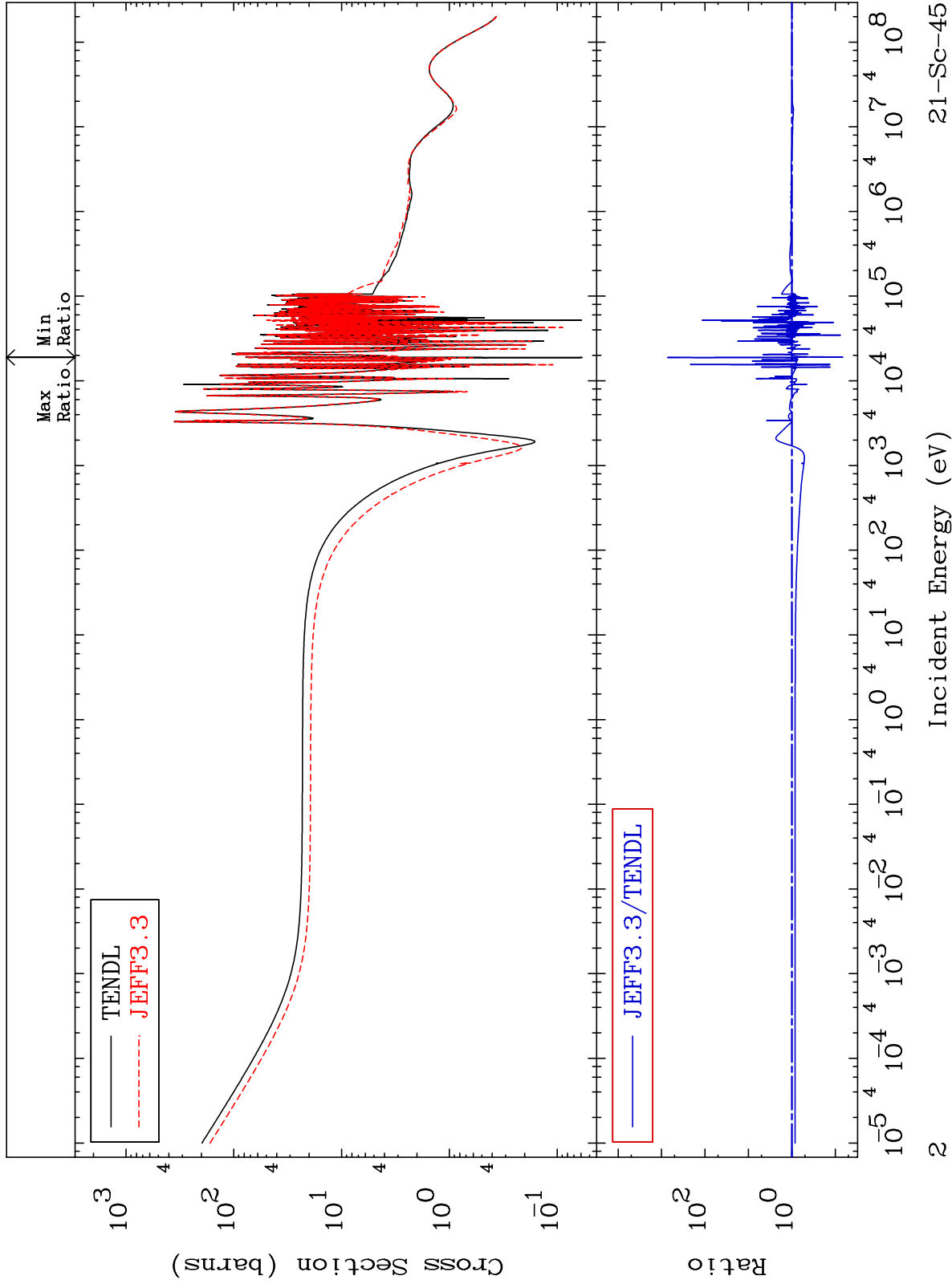
Incident Energy (eV)

21-Sc-45

MAT 2125

Elastic
Cross Section

21-Sc-45
-93.25 To 9999. %

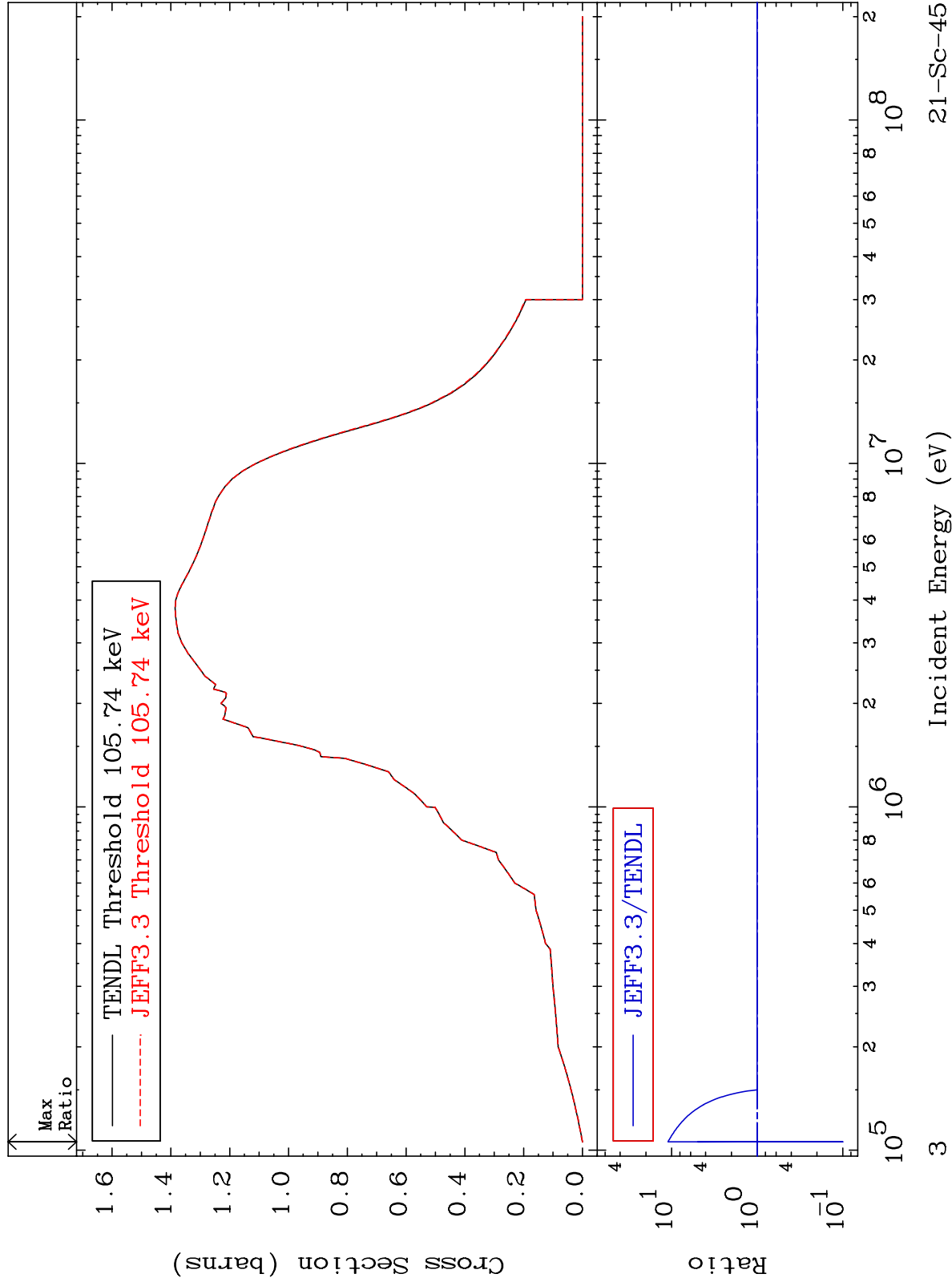


21-Sc-45

MAT 2125

Inelastic
Cross Section

21-Sc-45
-90.04 To 1002. %



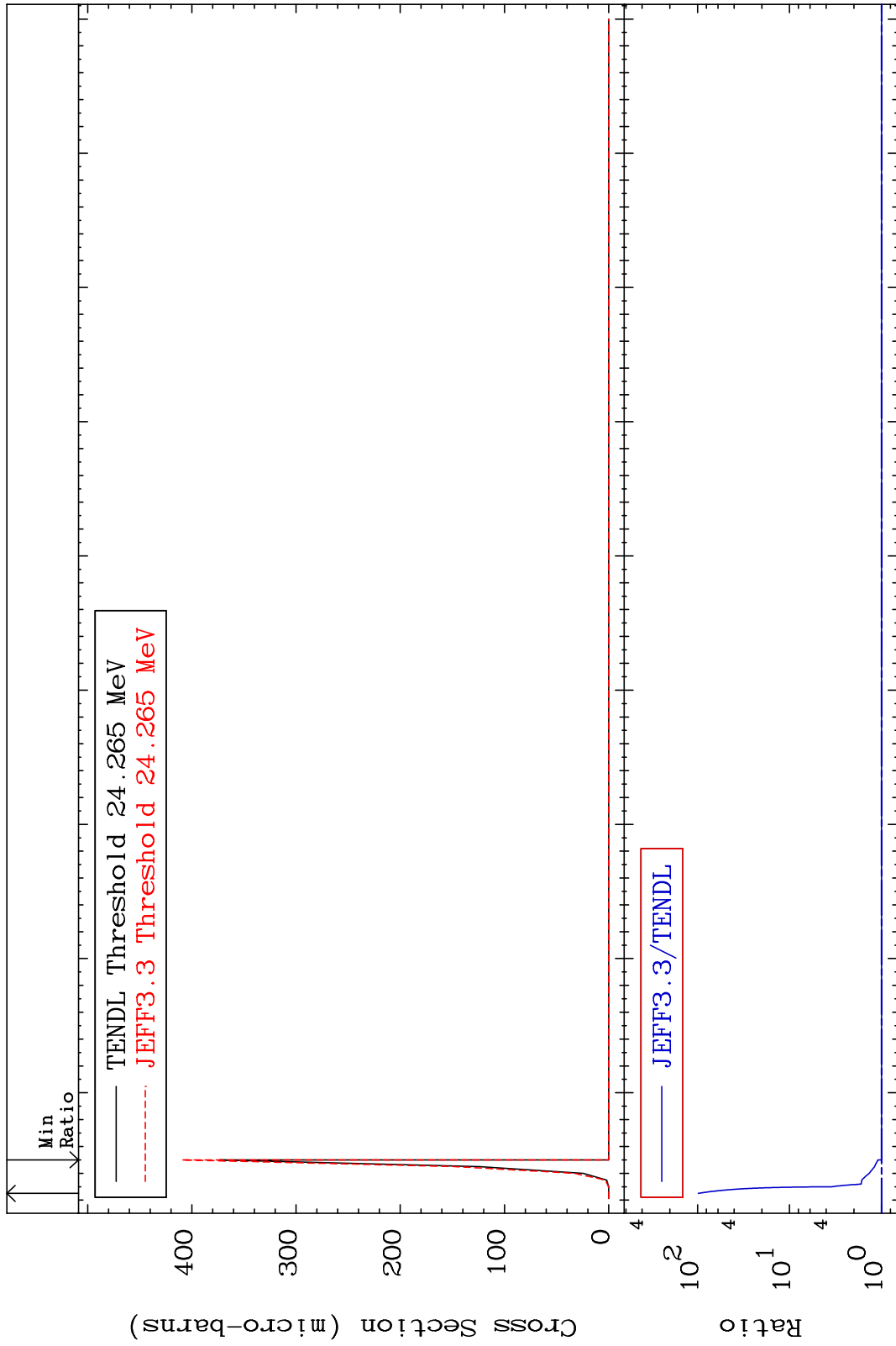
MAT 2125

(n,2n) d

21-Sc-45

Cross Section

0.000 To 9696. %



MAT 2125

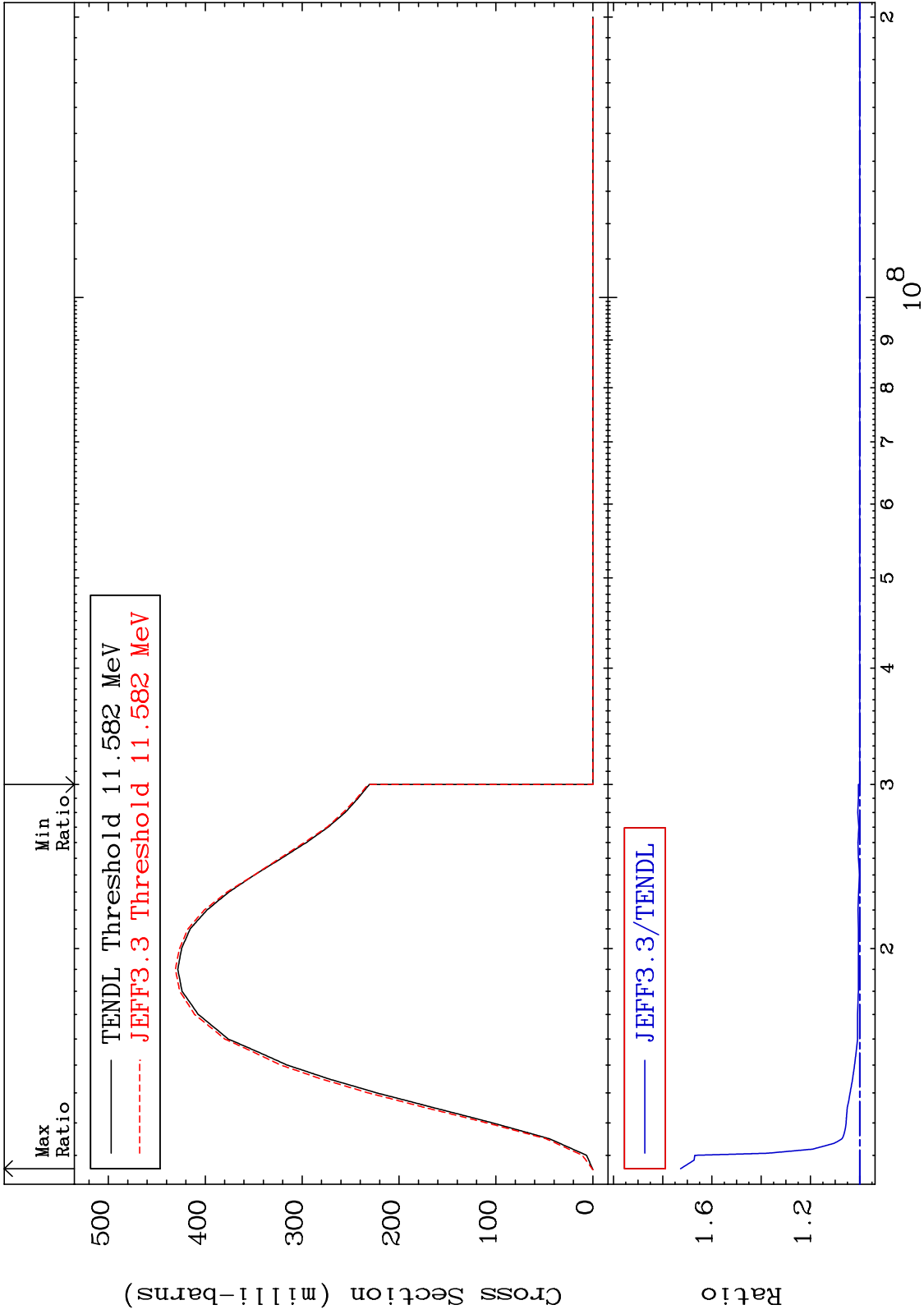
(n,2n)

21-Sc-45

Cross Section

0.000

To 72.73 %

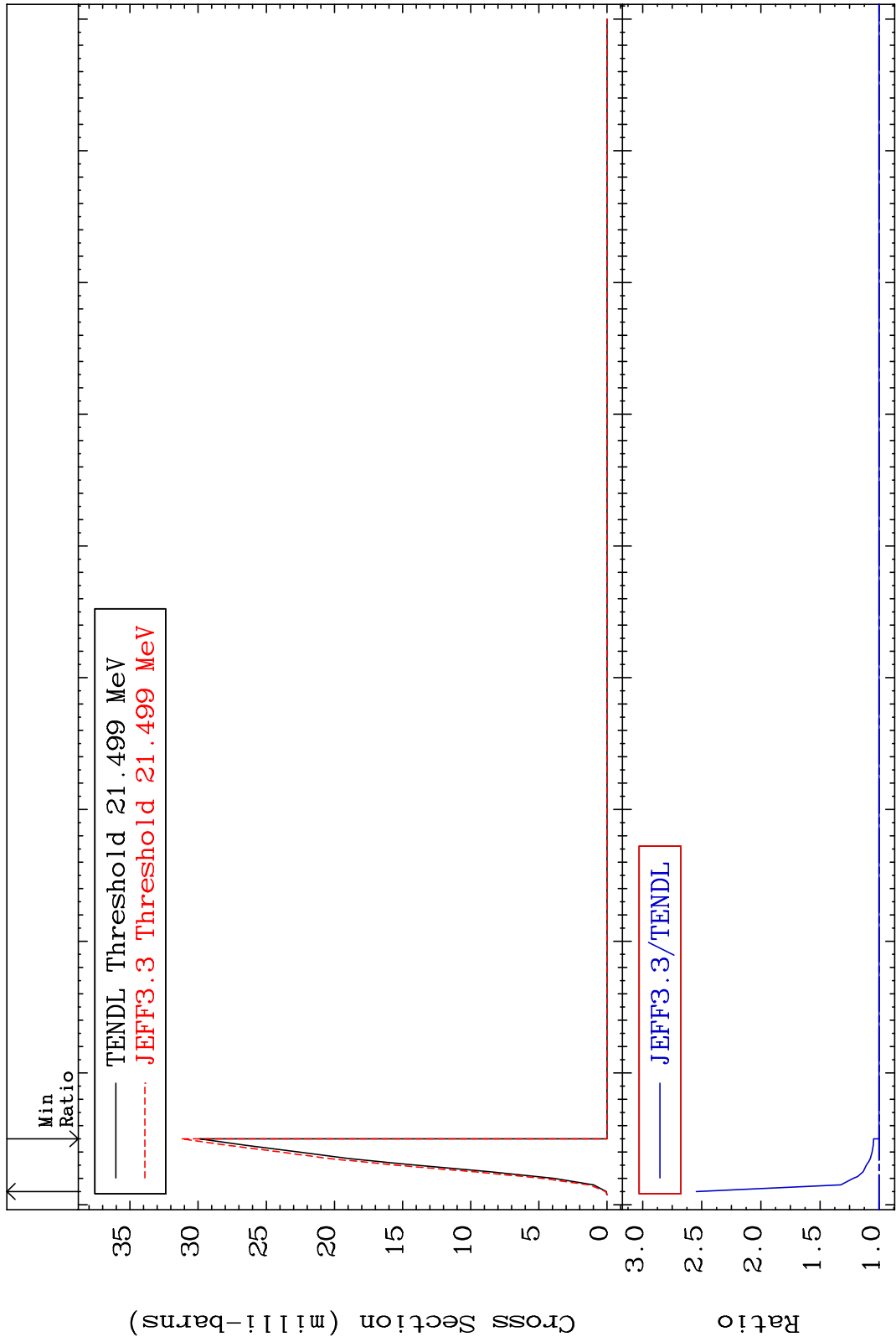


Incident Energy (eV)

21-Sc-45

5

MAT 2125 (n,3n) Cross Section 21-Sc-45 To 154.6 %
0.000



6 Incident Energy (MeV) 21-Sc-45

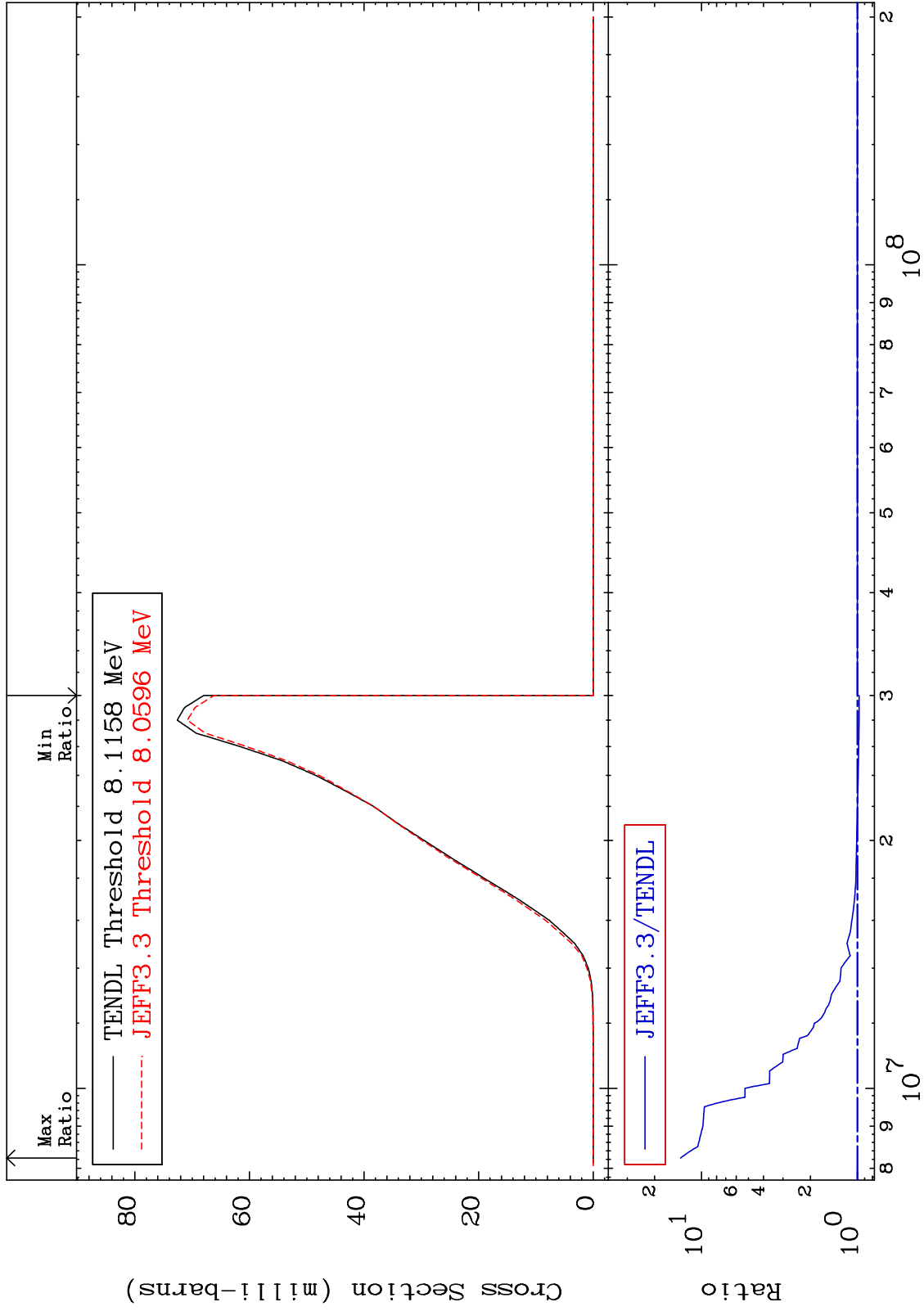
MAT 2125

(n, n') α

21-Sc-45

Cross Section

-2.607 To 1262. %



Incident Energy (eV)

21-Sc-45

7

MAT 2125

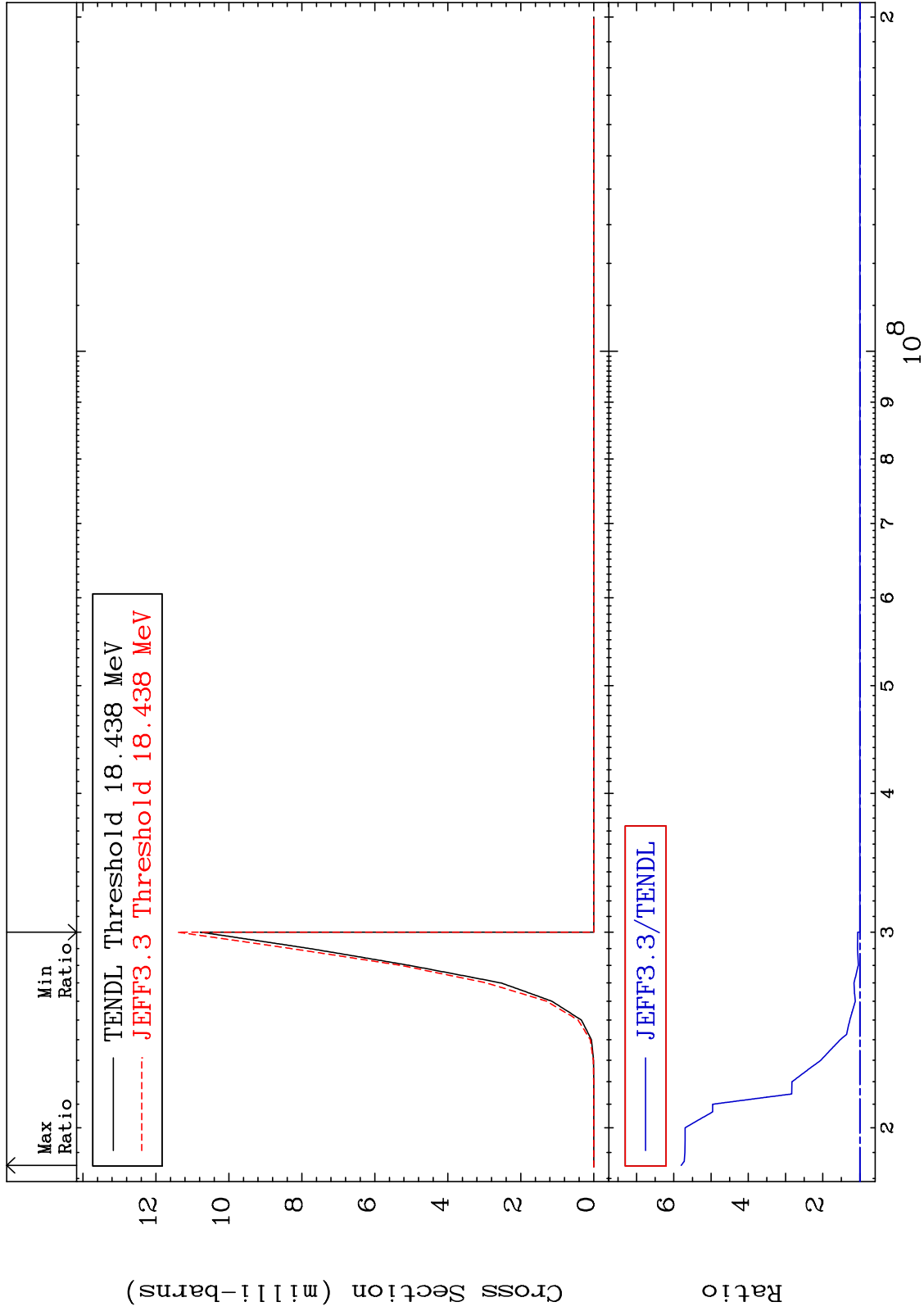
(n,2n) α

21-Sc-45

Cross Section

0.000

To 480.1 %



8

Incident Energy (eV)

21-Sc-45

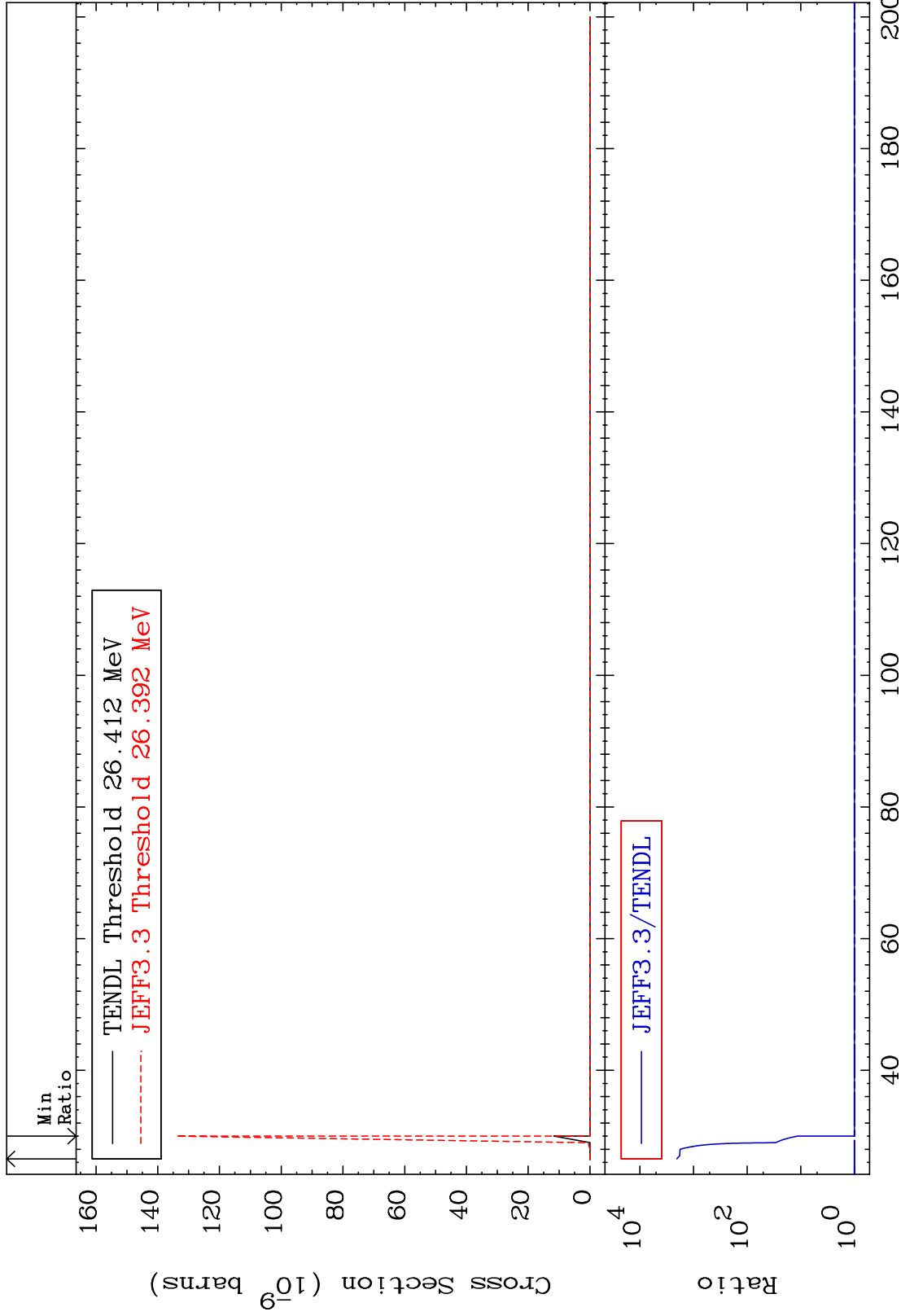
MAT 2125

(n,3n) α

21-Sc-45

Cross Section

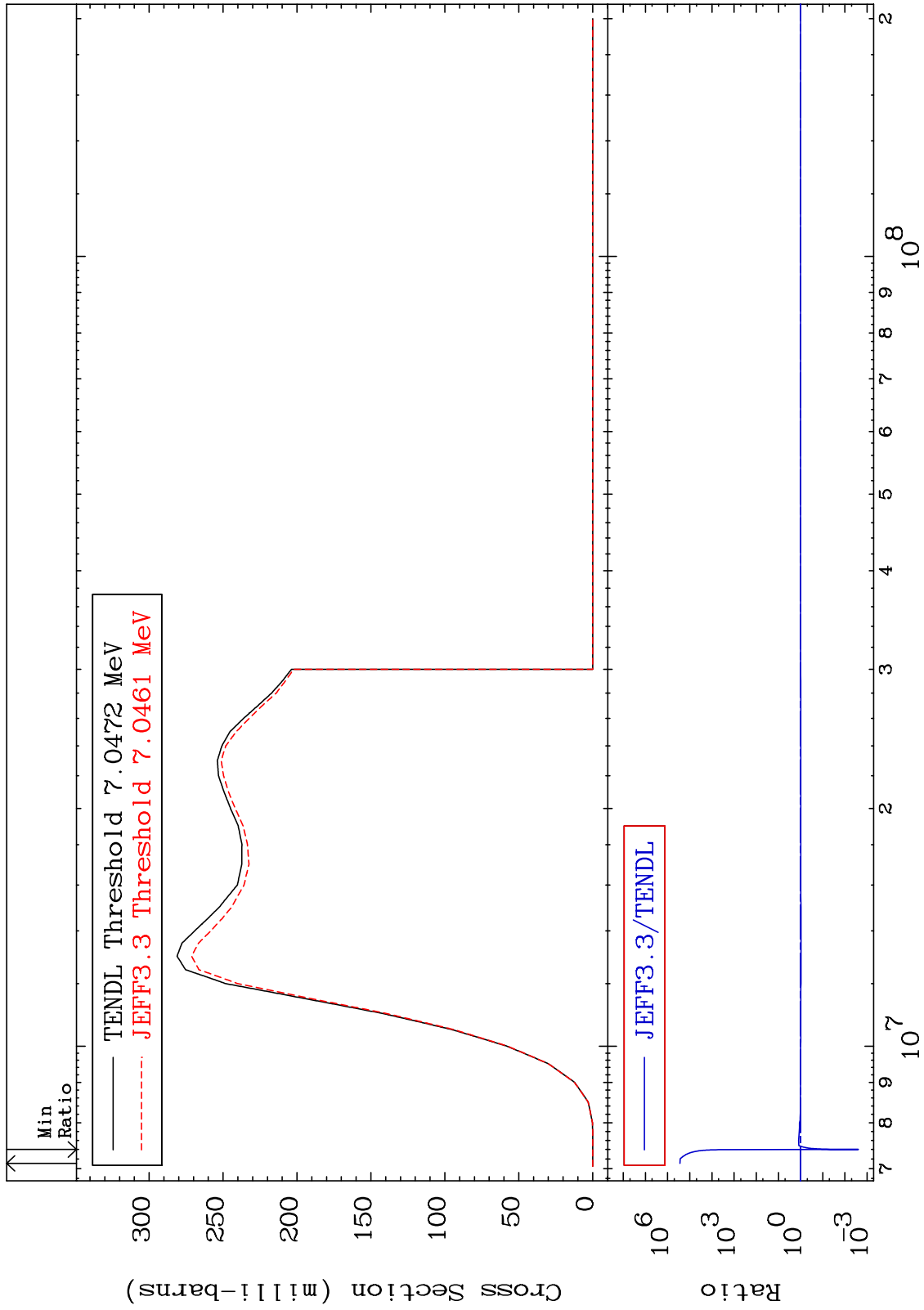
0.000 To 9999. %



MAT 2125

(n,n') p
Cross Section

21-Sc-45
-99.75 To 9999. %



10

Incident Energy (eV)

21-Sc-45

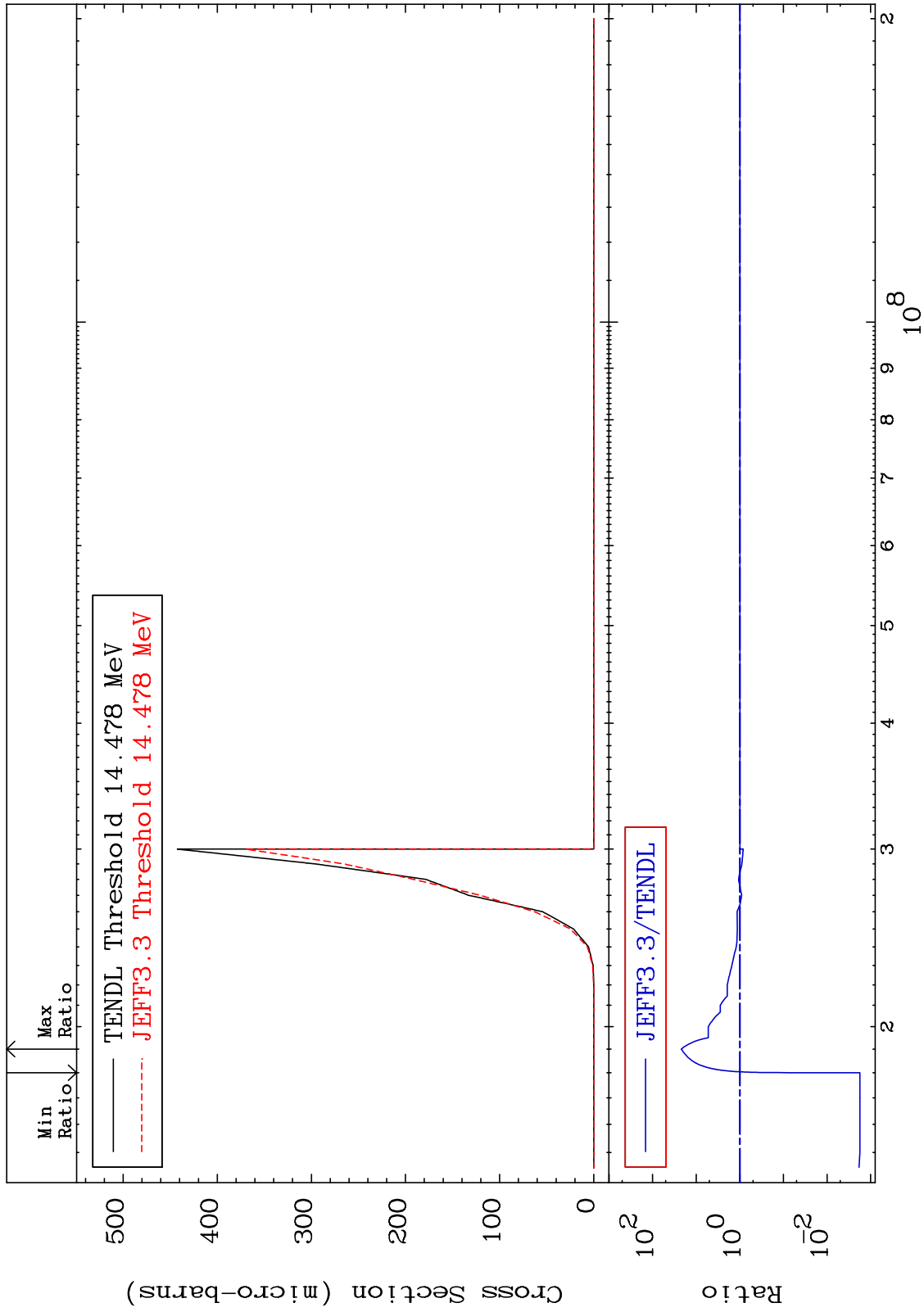
MAT 2125

(n,n') 2α

21-Sc-45

Cross Section

-99.82 To 2109. %



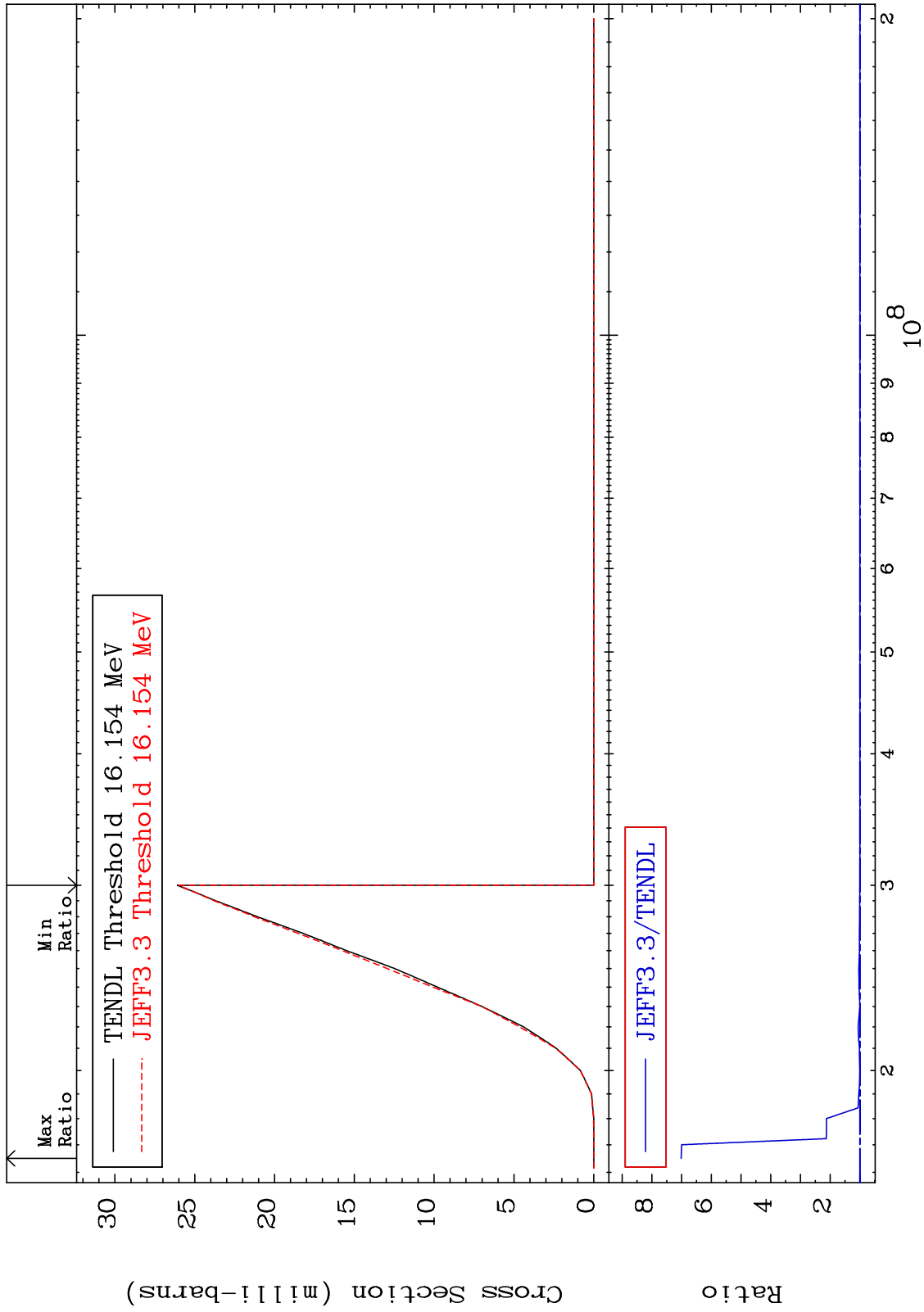
MAT 2125

(n,n') d

21-Sc-45

Cross Section

-0.235 To 601.4 %



12

Incident Energy (eV)

21-Sc-45

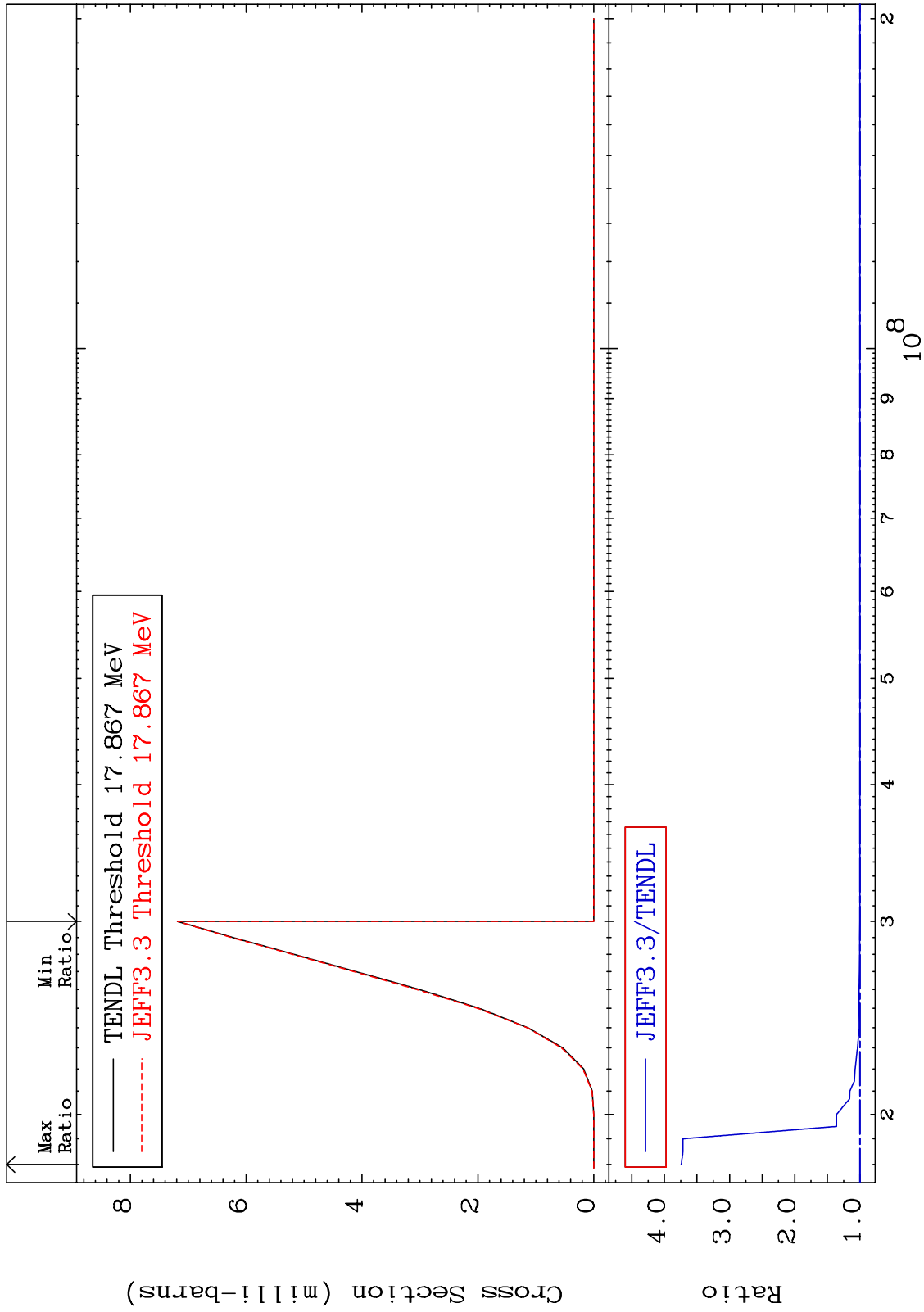
MAT 2125

(n,n') t

21-Sc-45

Cross Section

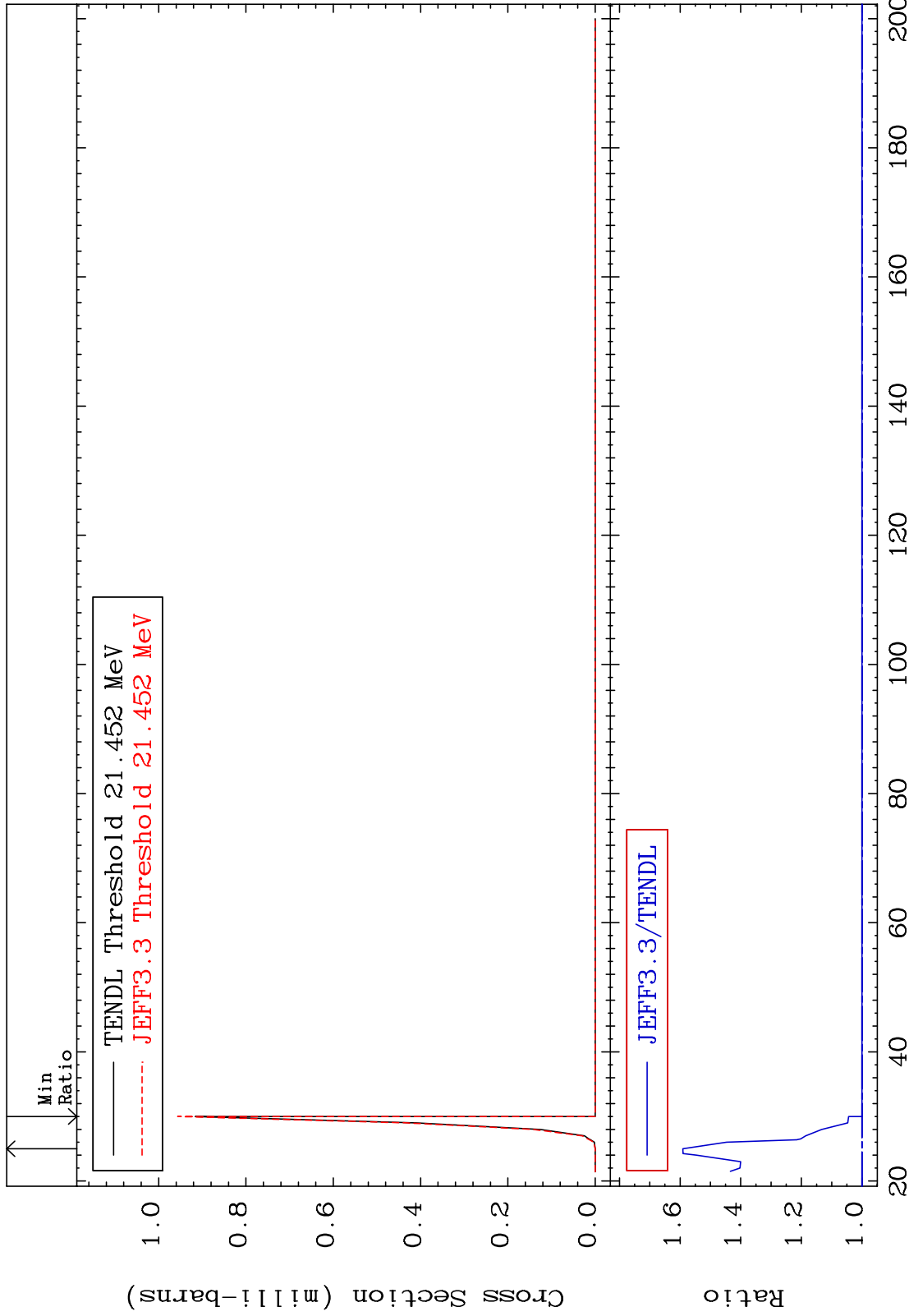
-0.026 To 274.2 %



MAT 2125

(n, n') He-3
Cross Section

21-Sc-45
0.000 To 59.08 %

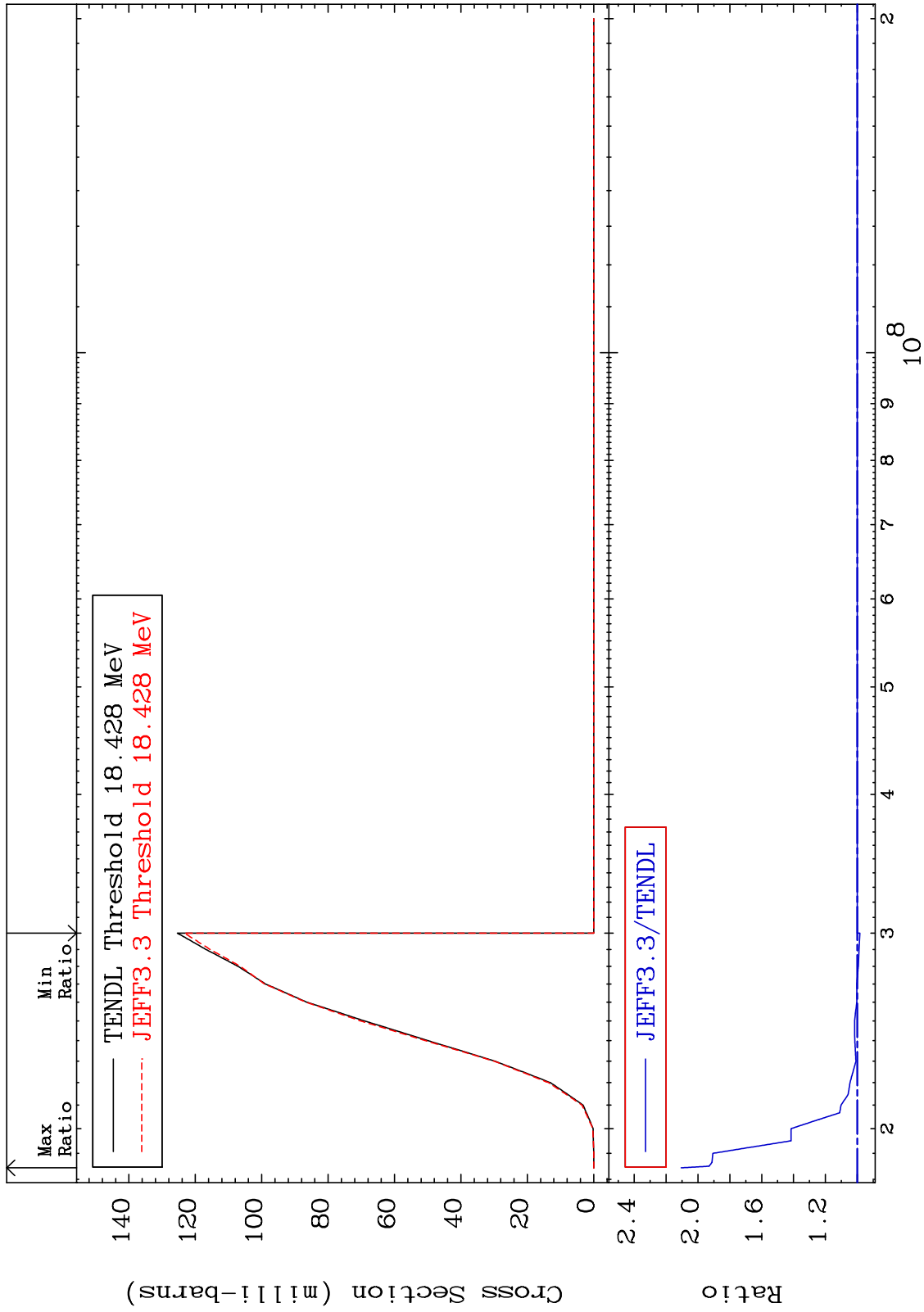


Incident Energy (MeV) 21-Sc-45

MAT 2125

(n,2n) p
Cross Section

21-Sc-45
-1.663 To 110.5 %



15

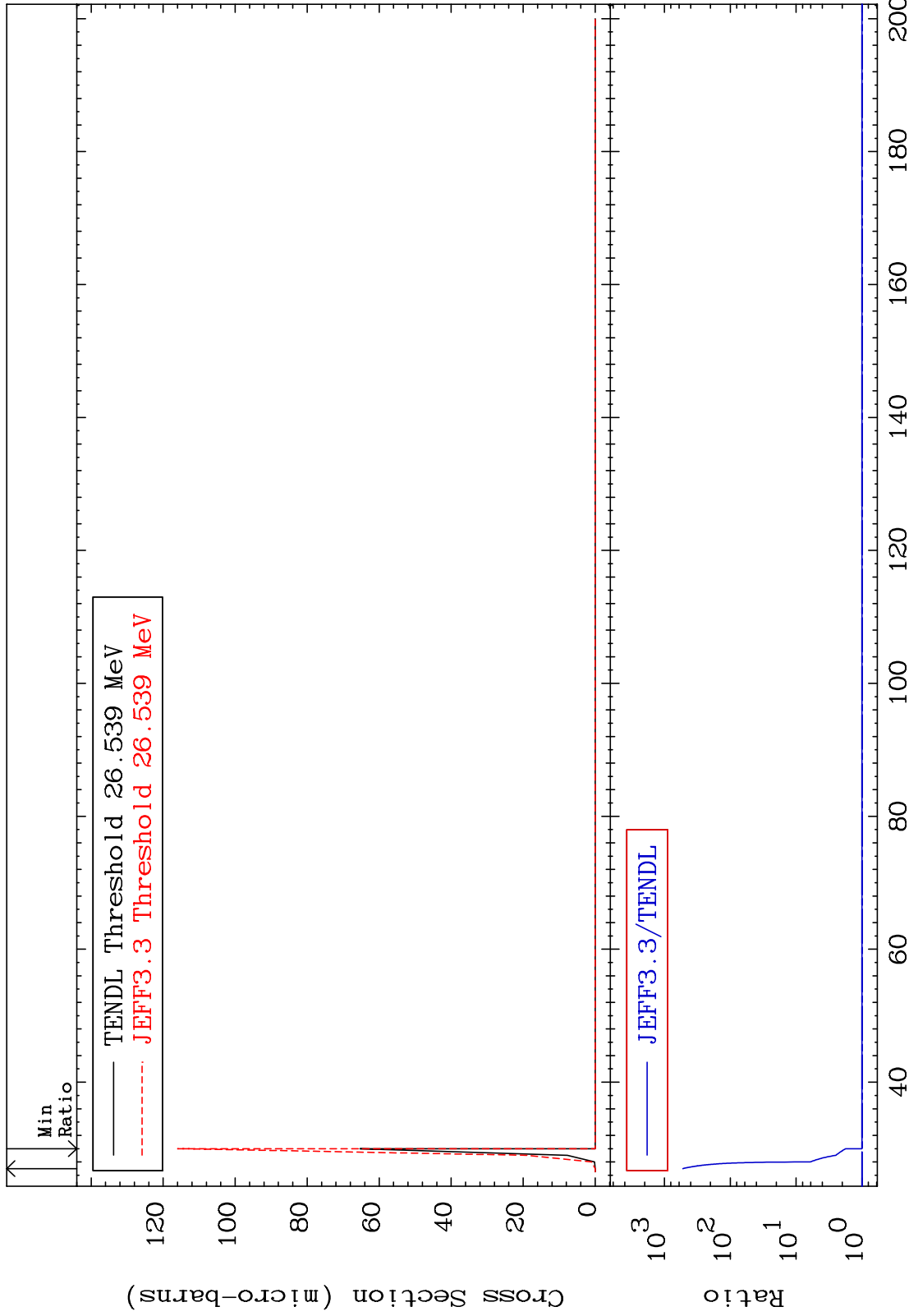
21-Sc-45

21-Sc-45

MAT 2125

(n,3n) p
Cross Section

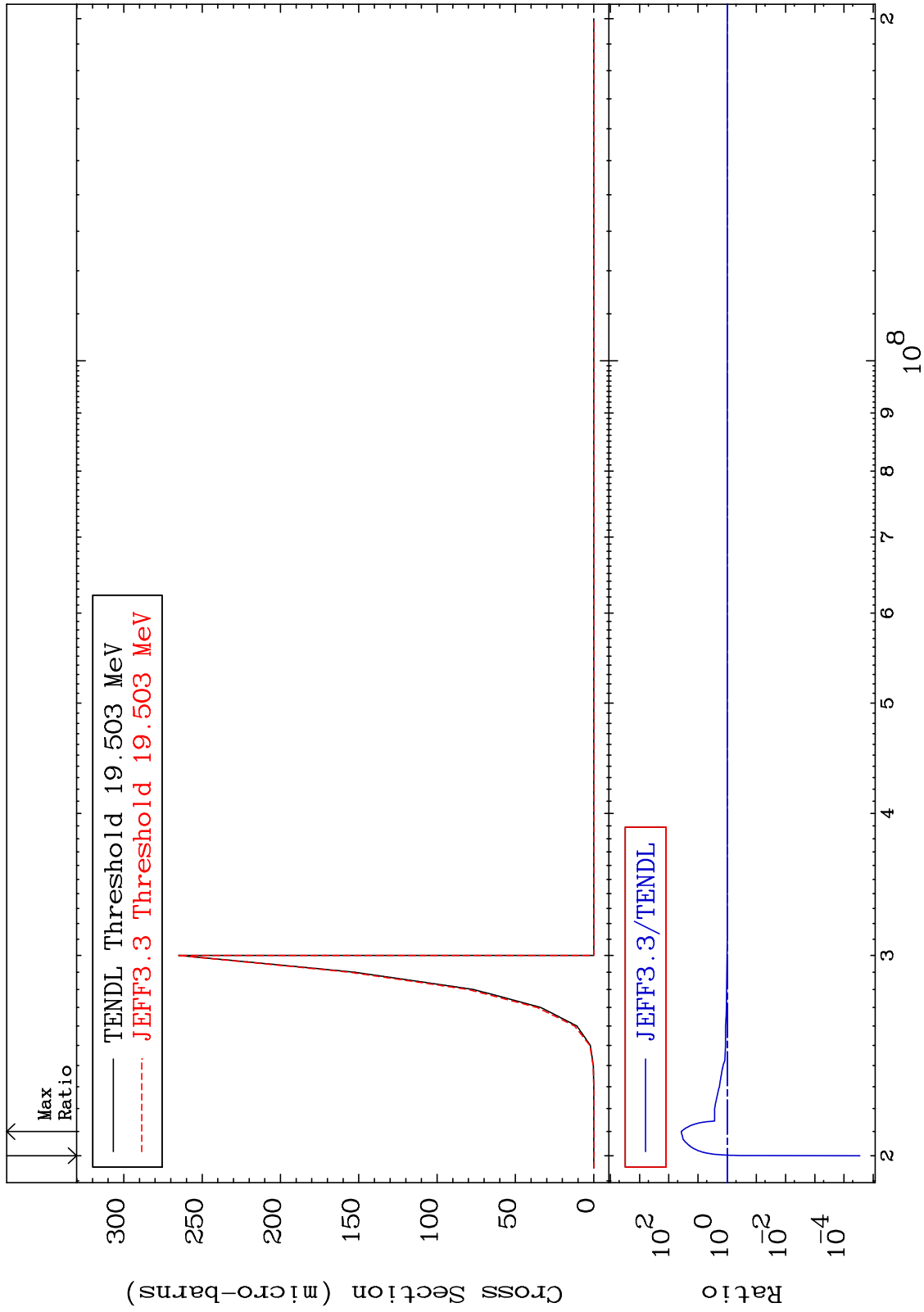
21-Sc-45
0.000 To 9999. %



MAT 2125

(n,2n) p
Cross Section

21-Sc-45
-100.0 To 3644. %



17

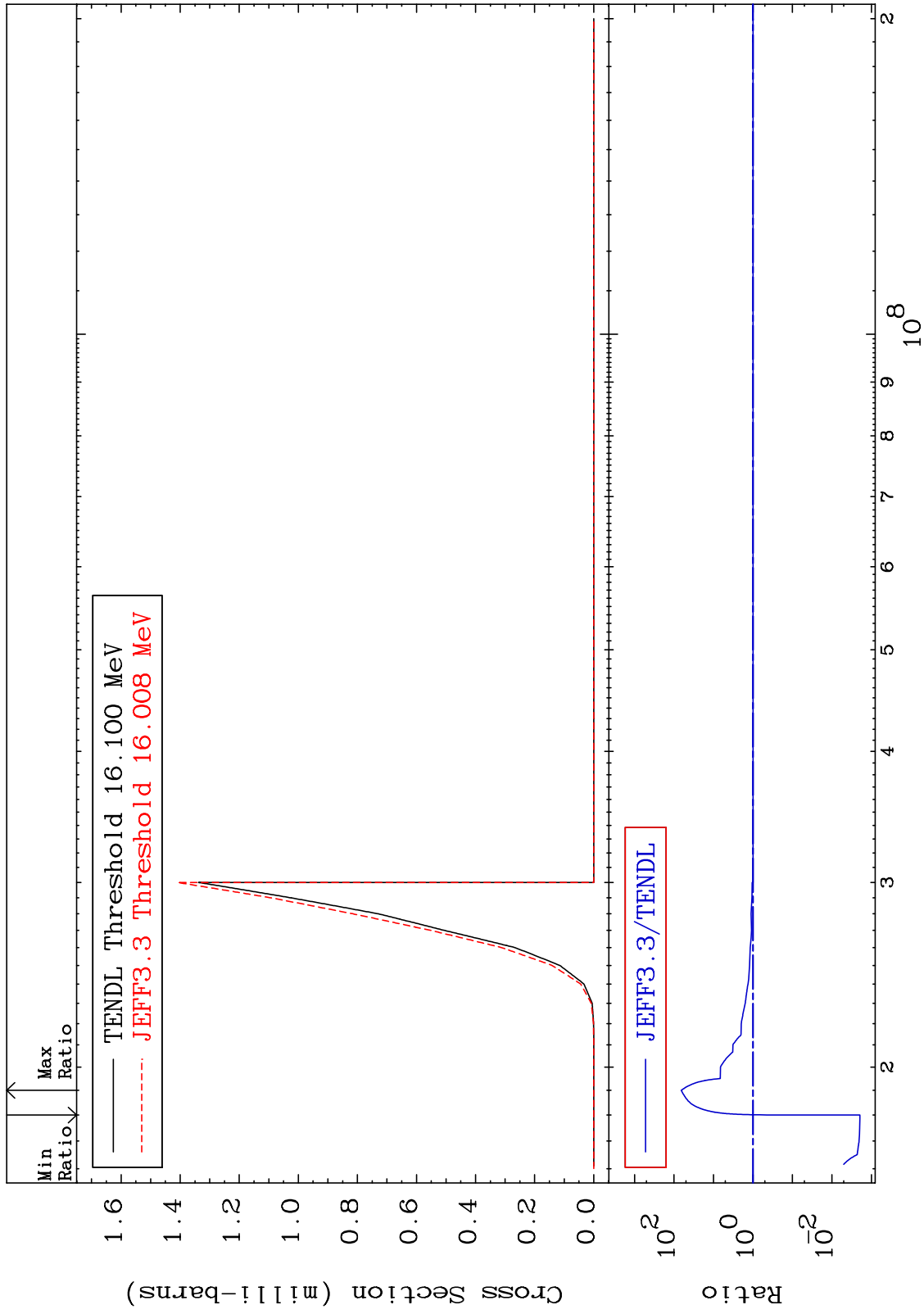
Incident Energy (eV)

21-Sc-45

MAT 2125

(n,n') p α
Cross Section

21-Sc-45
-99.80 To 6467. %



18

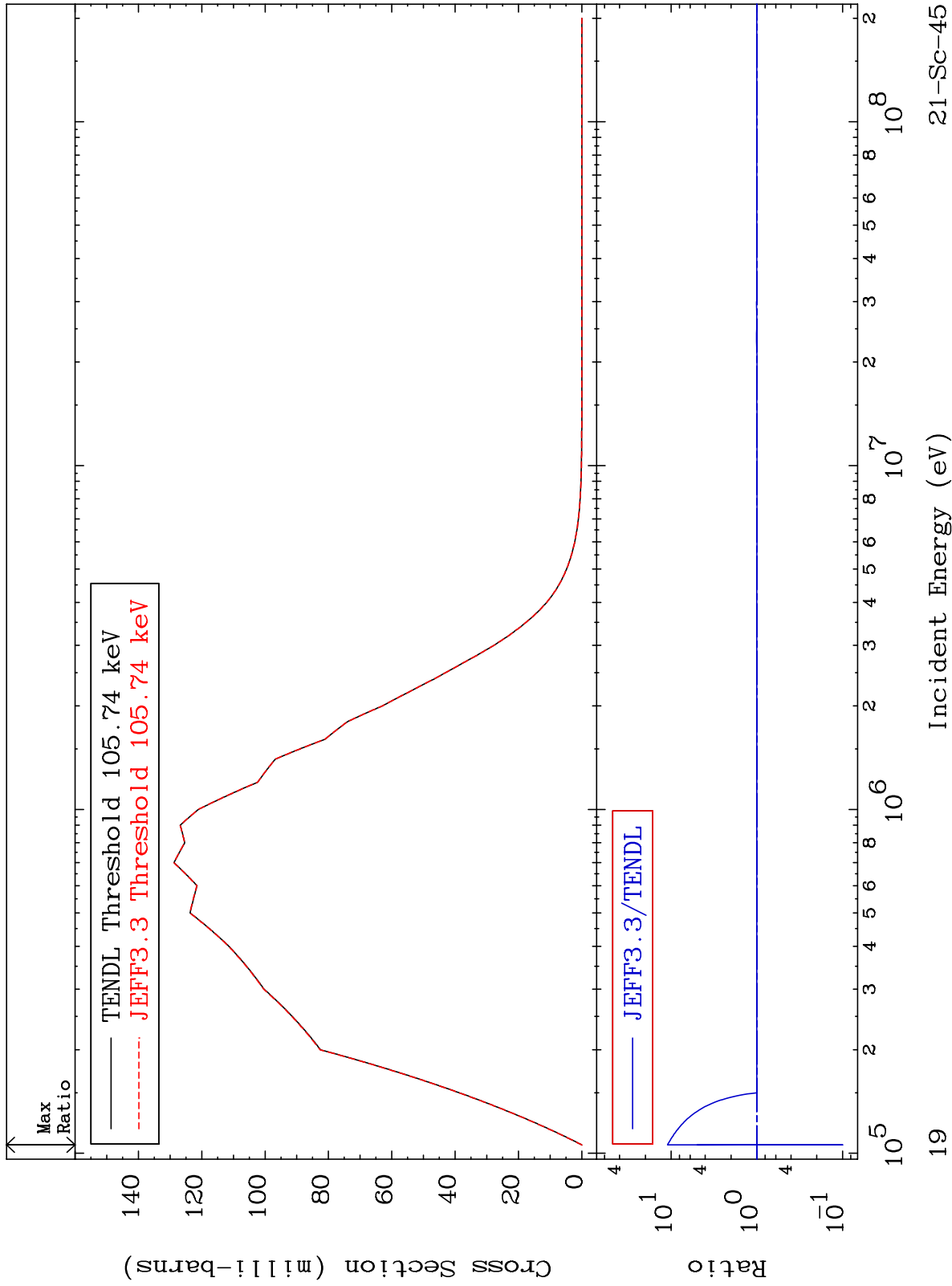
Incident Energy (eV)

21-Sc-45

MAT 2125

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

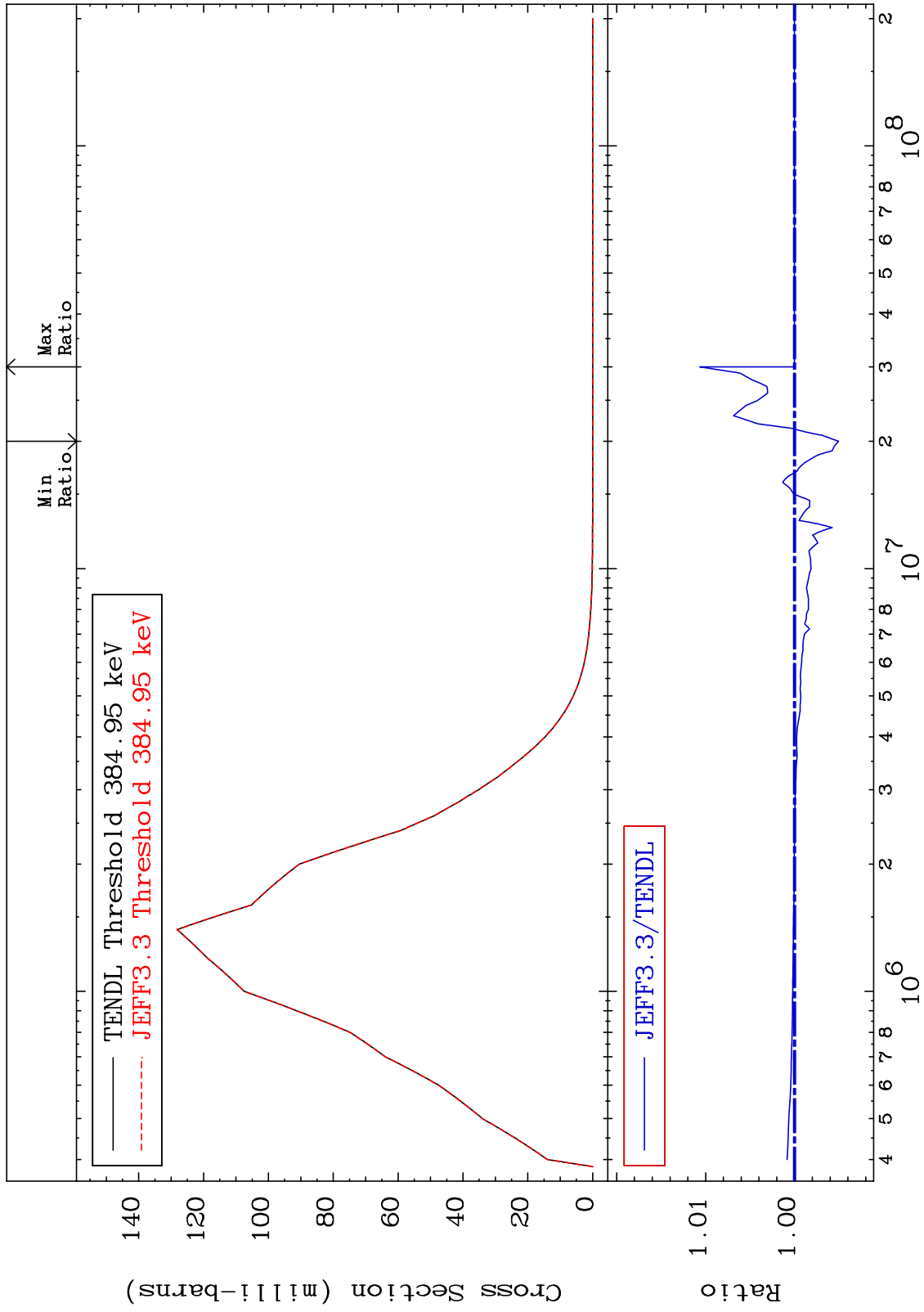
21-Sc-45
-90.04 To 1002. %



MAT 2125

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

21-Sc-45
-0.495 To 1.065 %

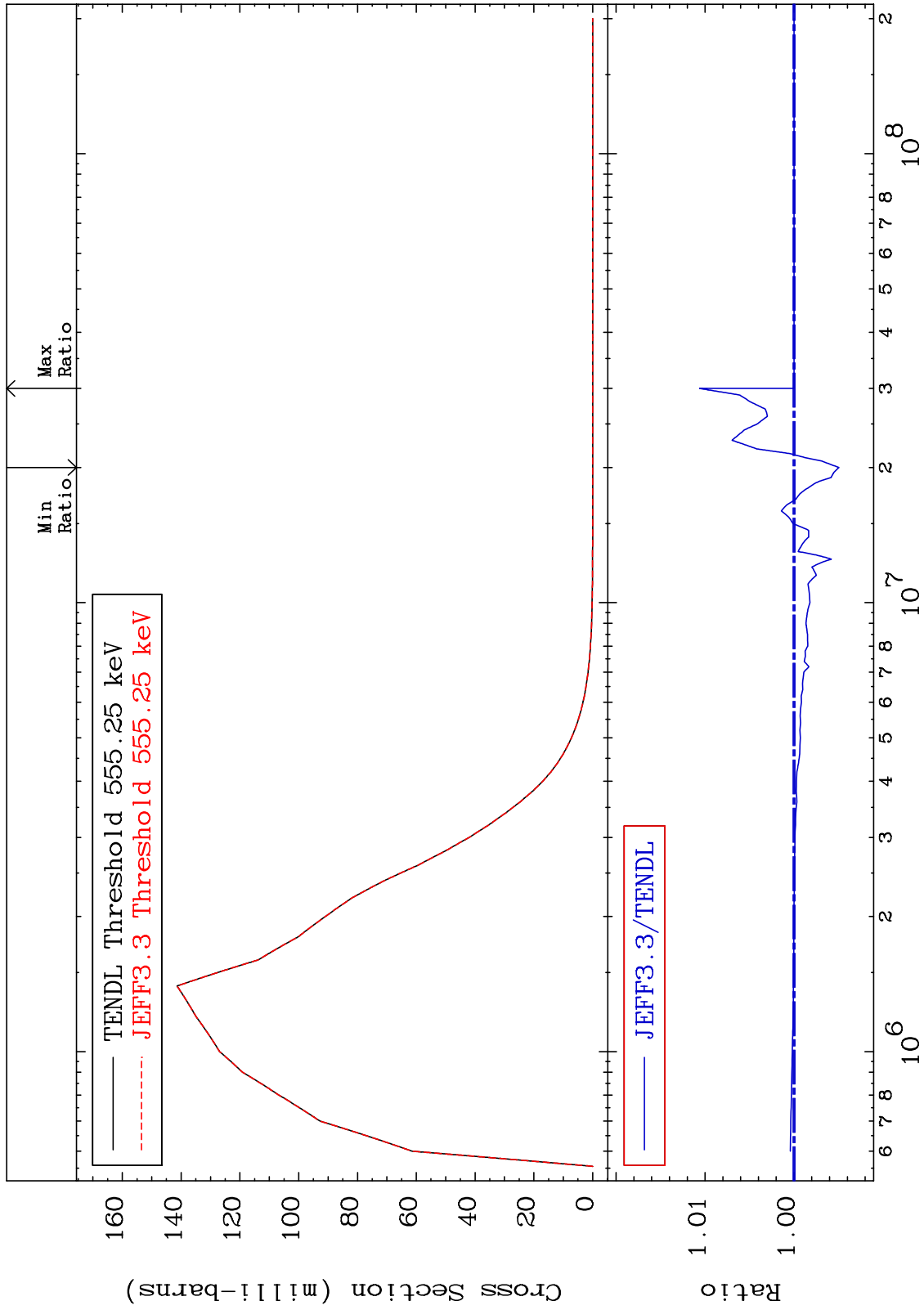


20

Incident Energy (eV)

21-Sc-45

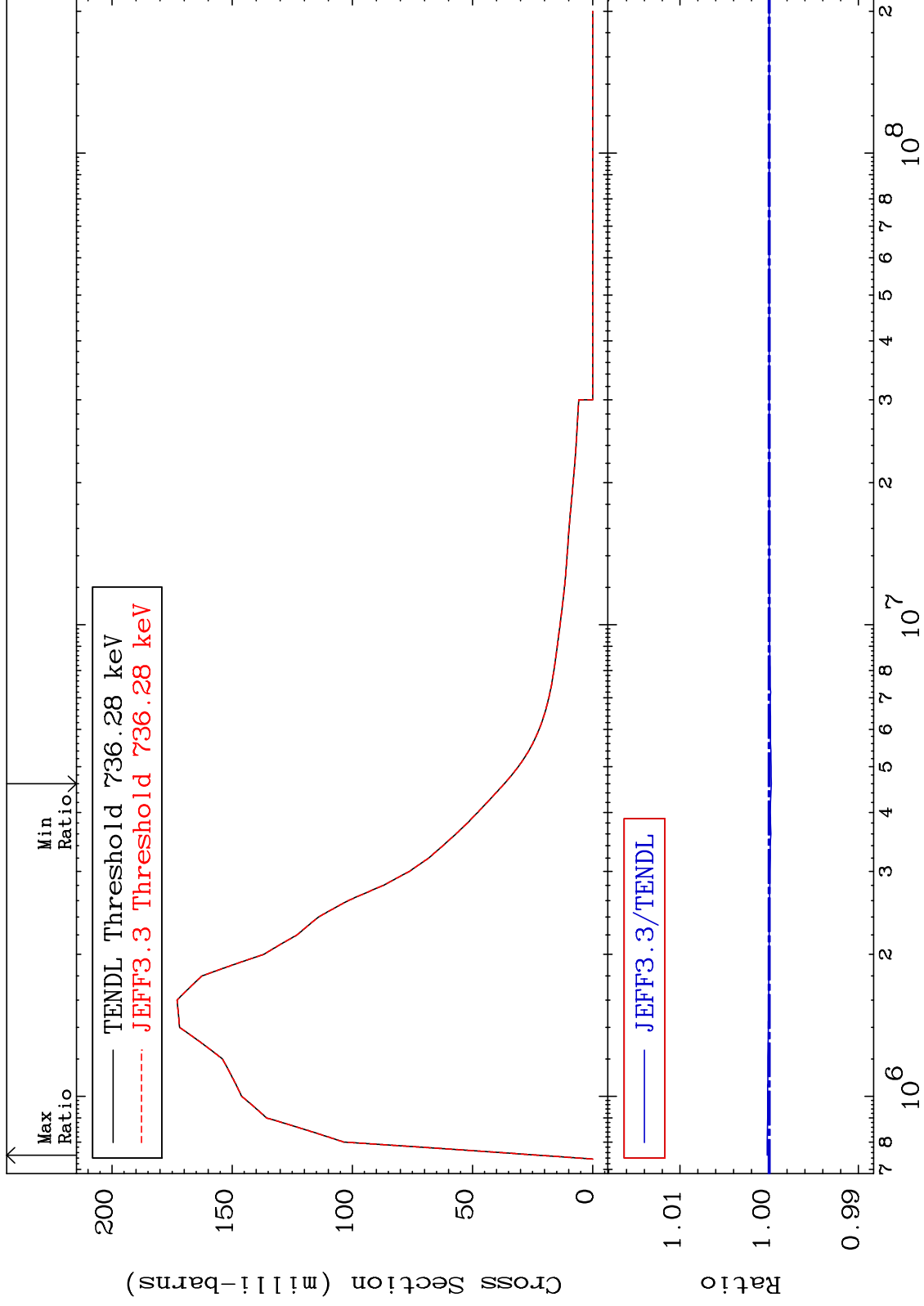
MAT 2125 MT= 53 (n, n') Level Cross Section -0.504 To 1.062 % 21-Sc-45



MAT 2125

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

21-Sc-45
-0.023 To 0.023 %



22

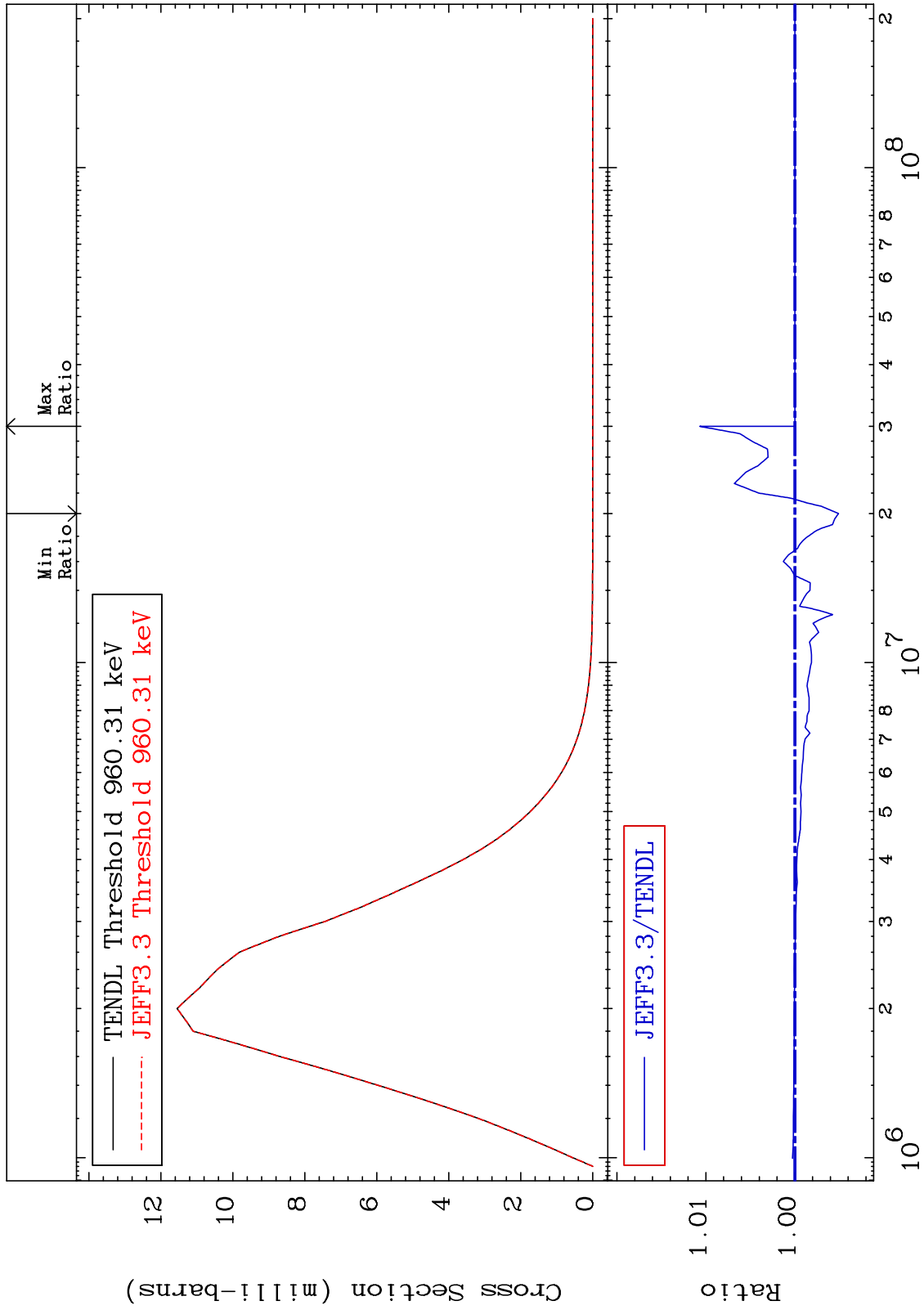
Incident Energy (eV)

21-Sc-45

MAT 2125

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

21-Sc-45
-0.492 To 1.068 %



Incident Energy (eV)

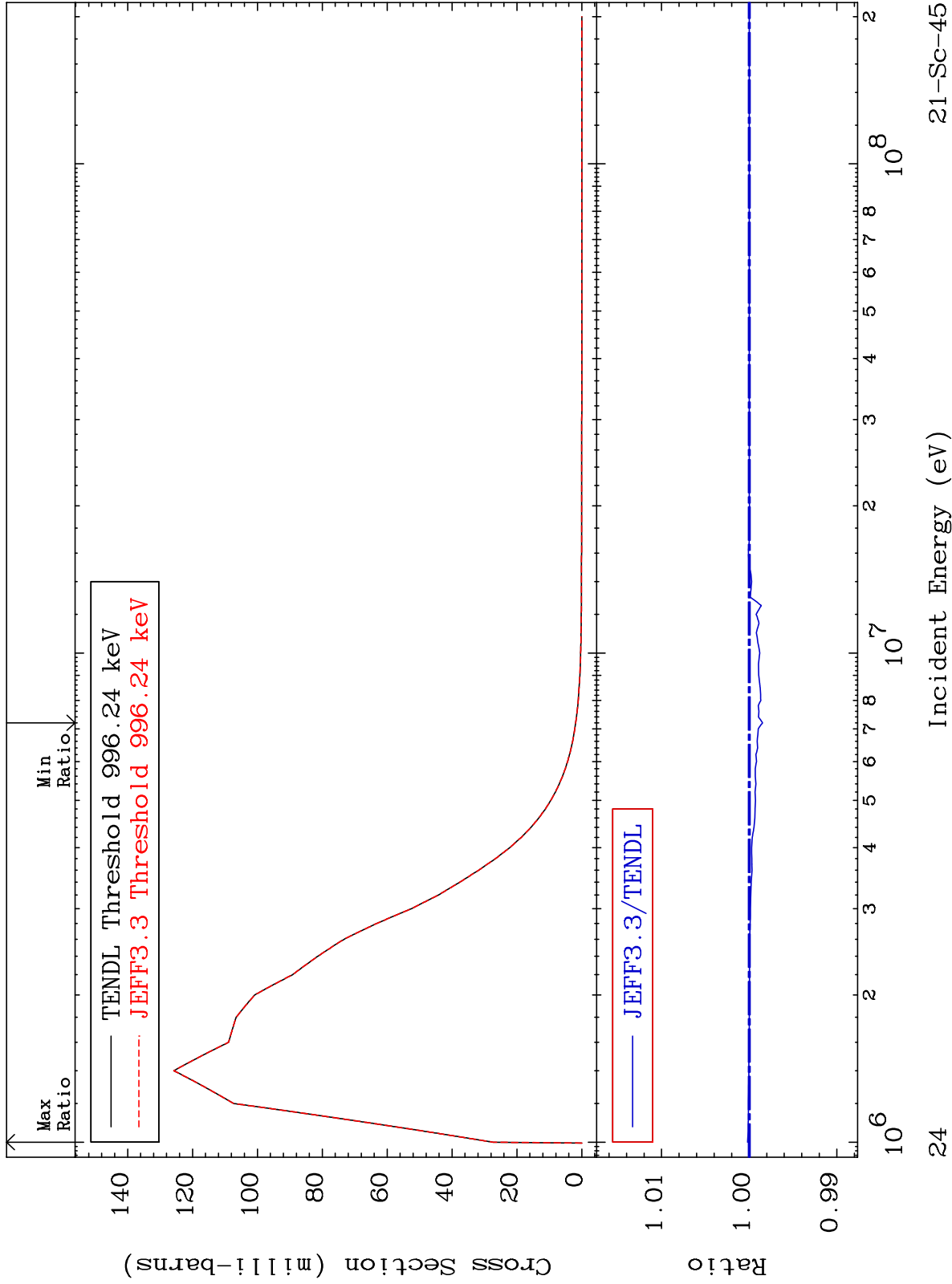
21-Sc-45

23

MAT 2125

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

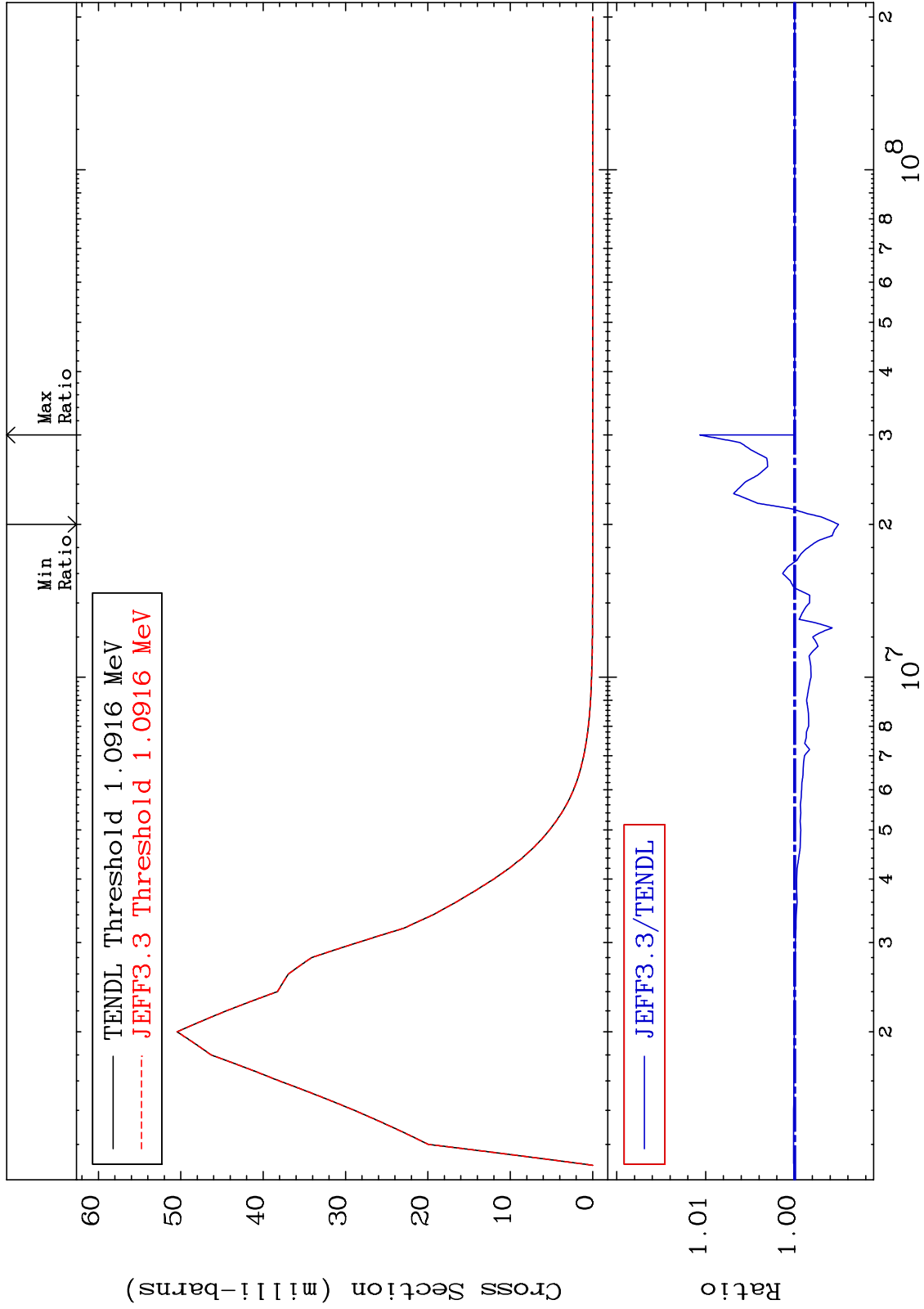
21-Sc-45
-0.153 To 0.018 %



MAT 2125

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

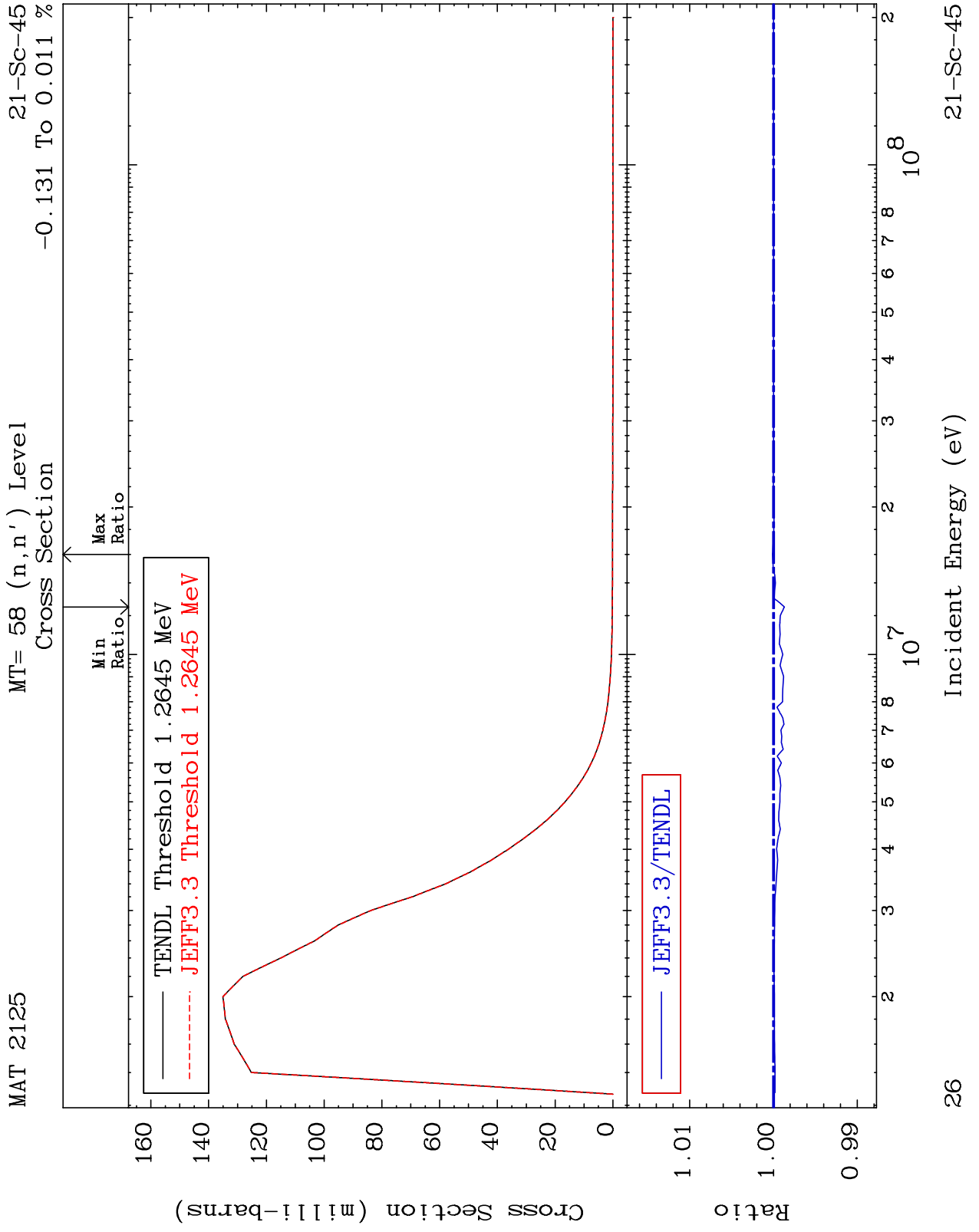
21-Sc-45
-0.495 To 1.065 %



25

Incident Energy (eV)

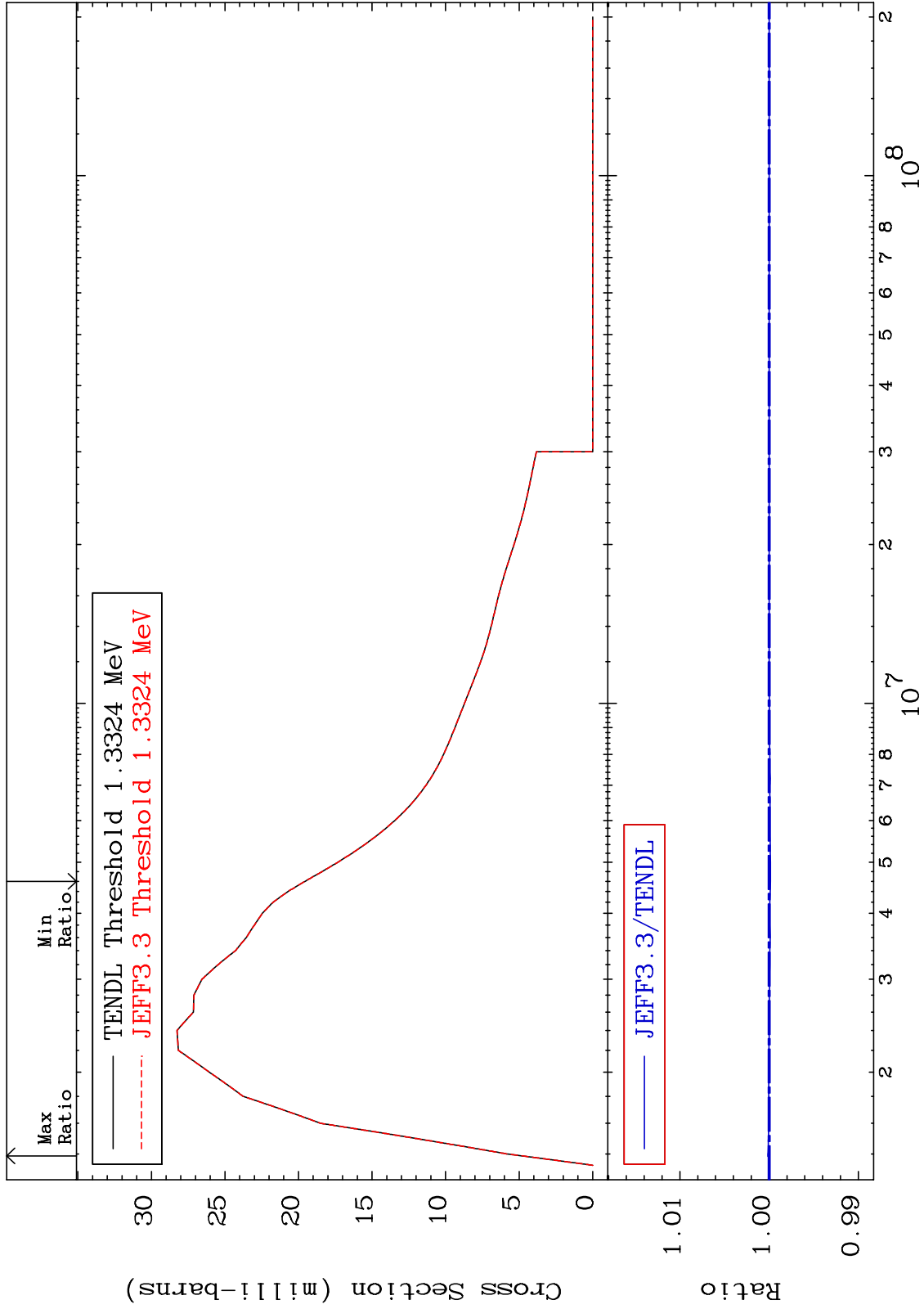
21-Sc-45



MAT 2125

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

21-Sc-45
-0.015 To 0.013 %



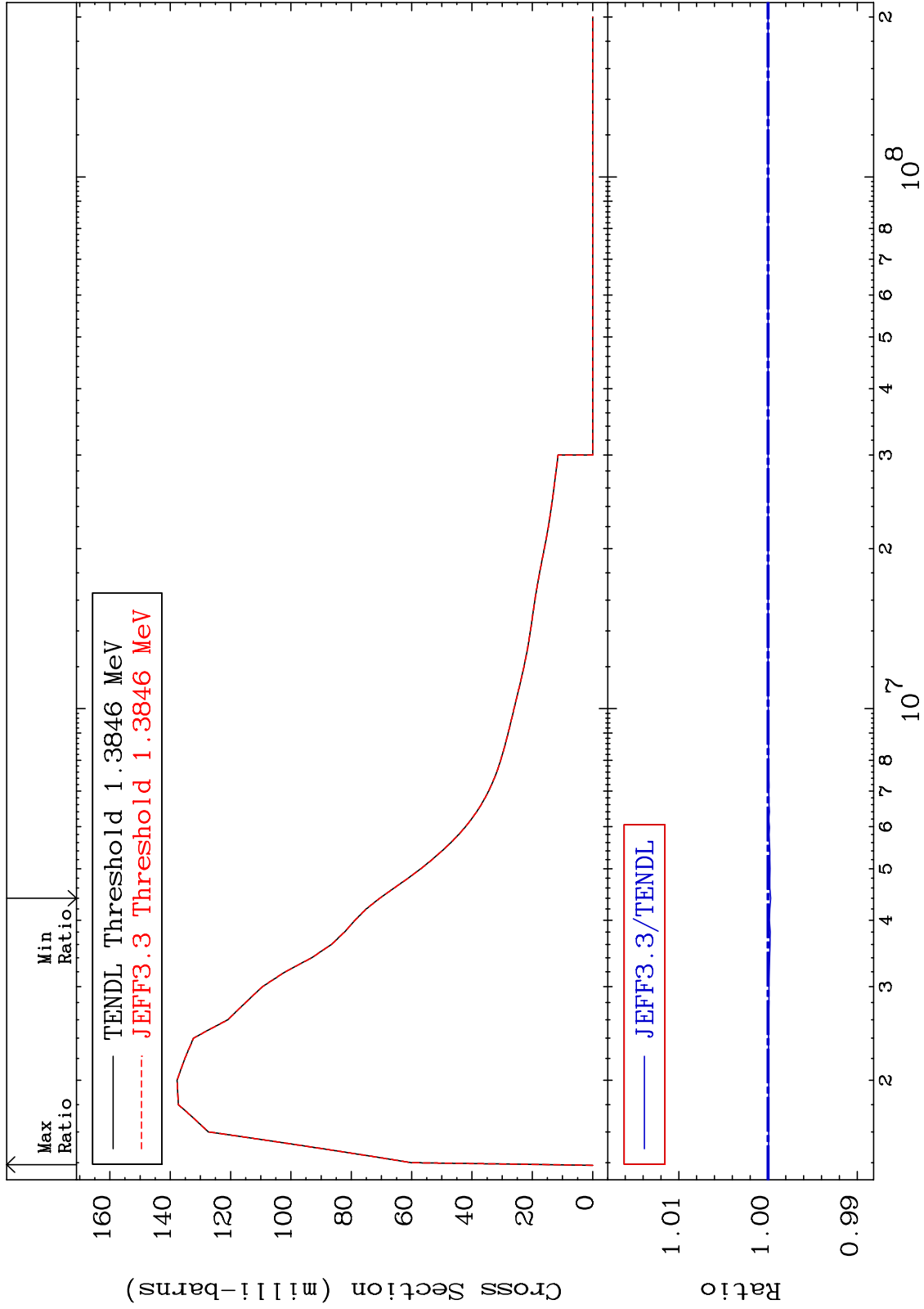
27

21-Sc-45

MAT 2125

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

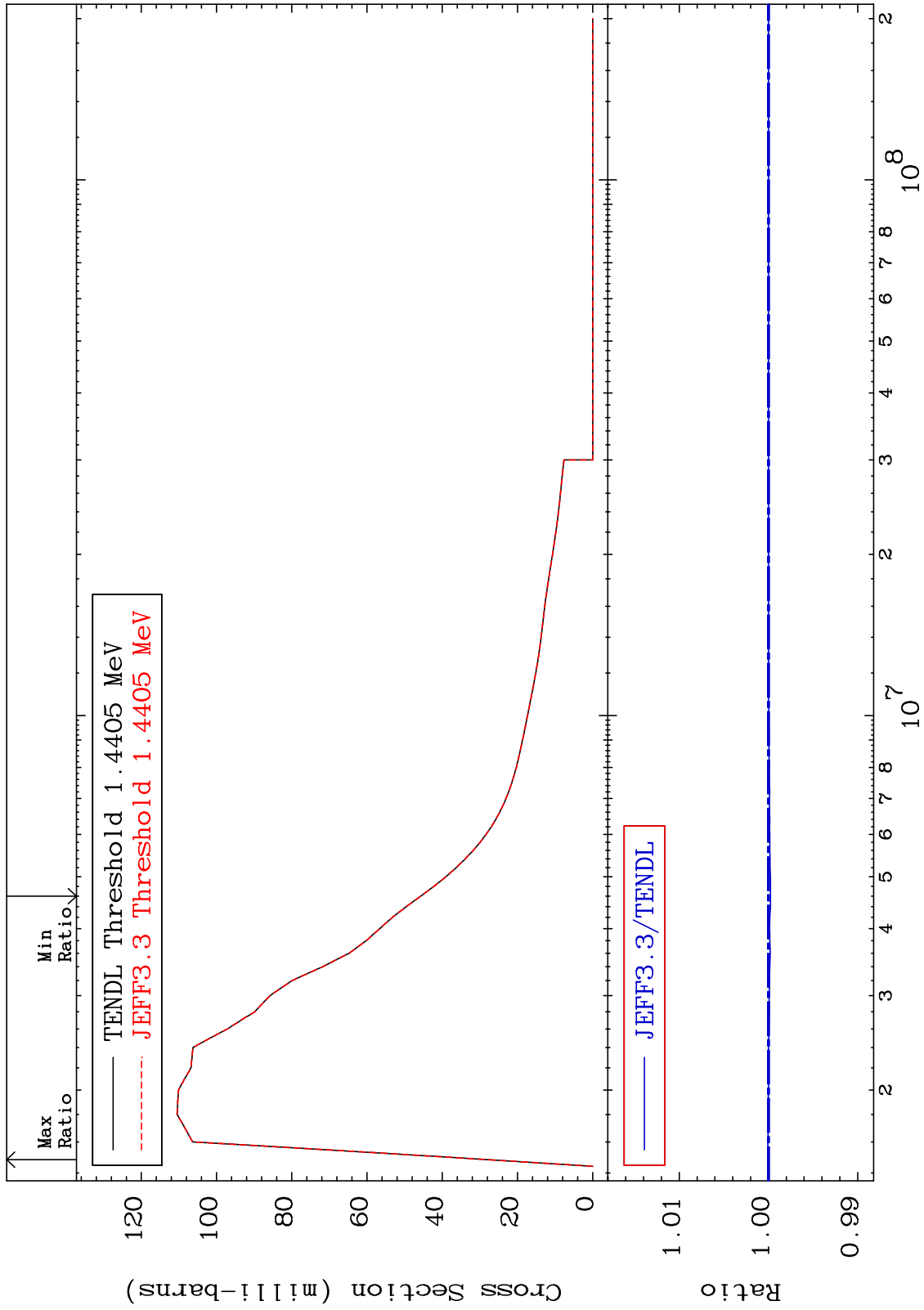
21-Sc-45
-0.029 To 0.002 %



MAT 2125

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

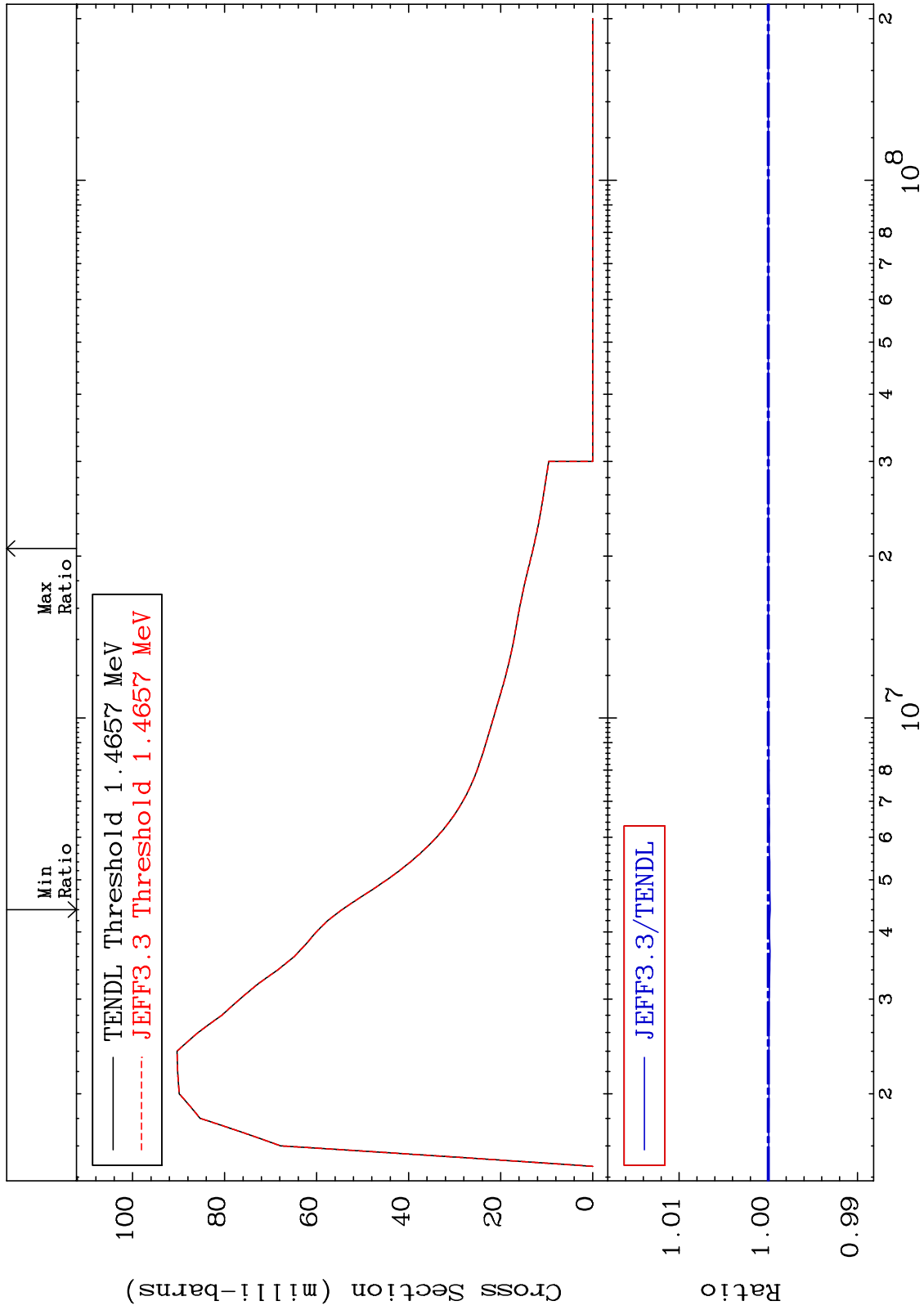
21-Sc-45
-0.023 To 0.006 %



MAT 2125

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

21-Sc-45
-0.021 To 0.000 %



30

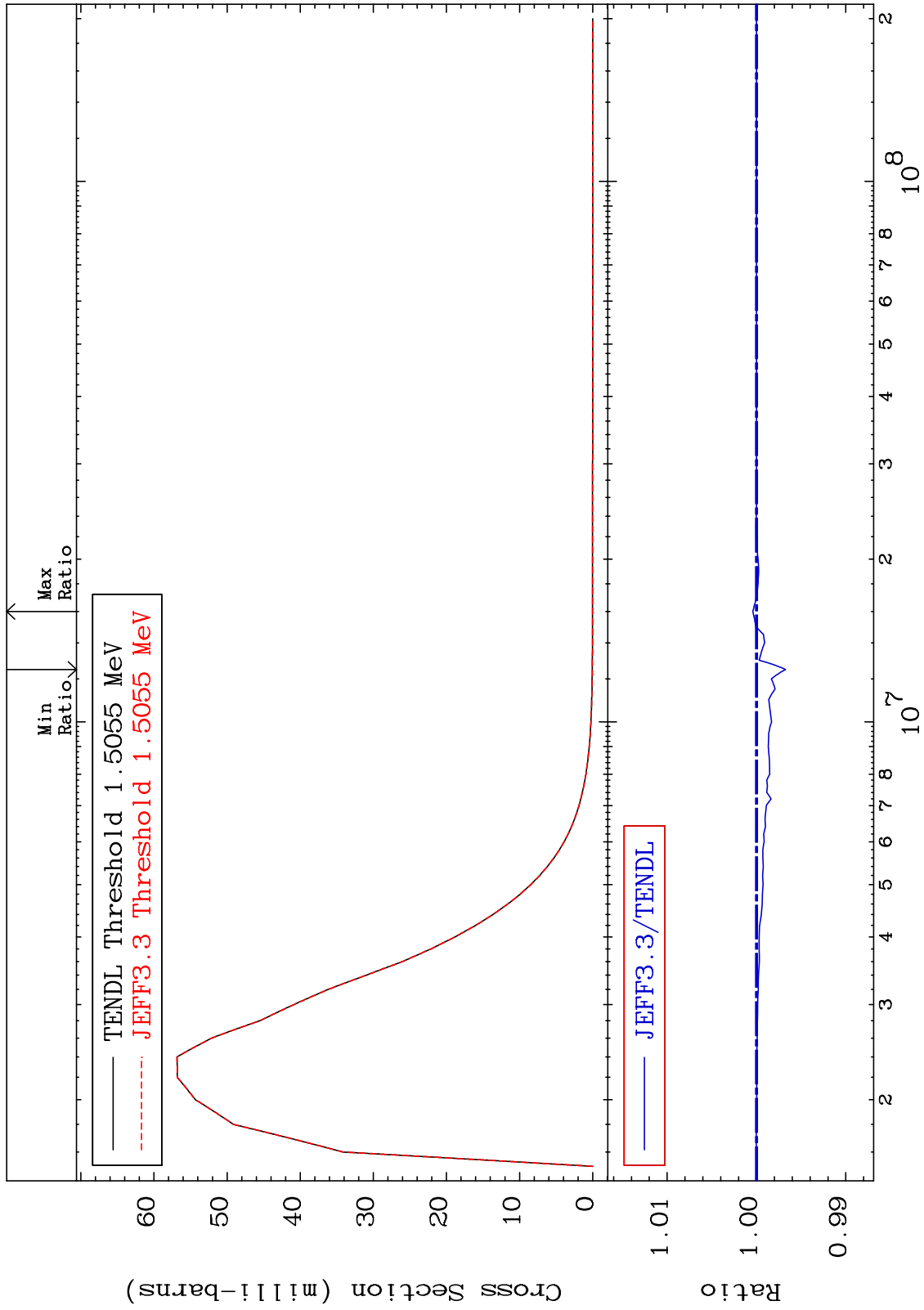
Incident Energy (eV)

21-Sc-45

MAT 2125

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

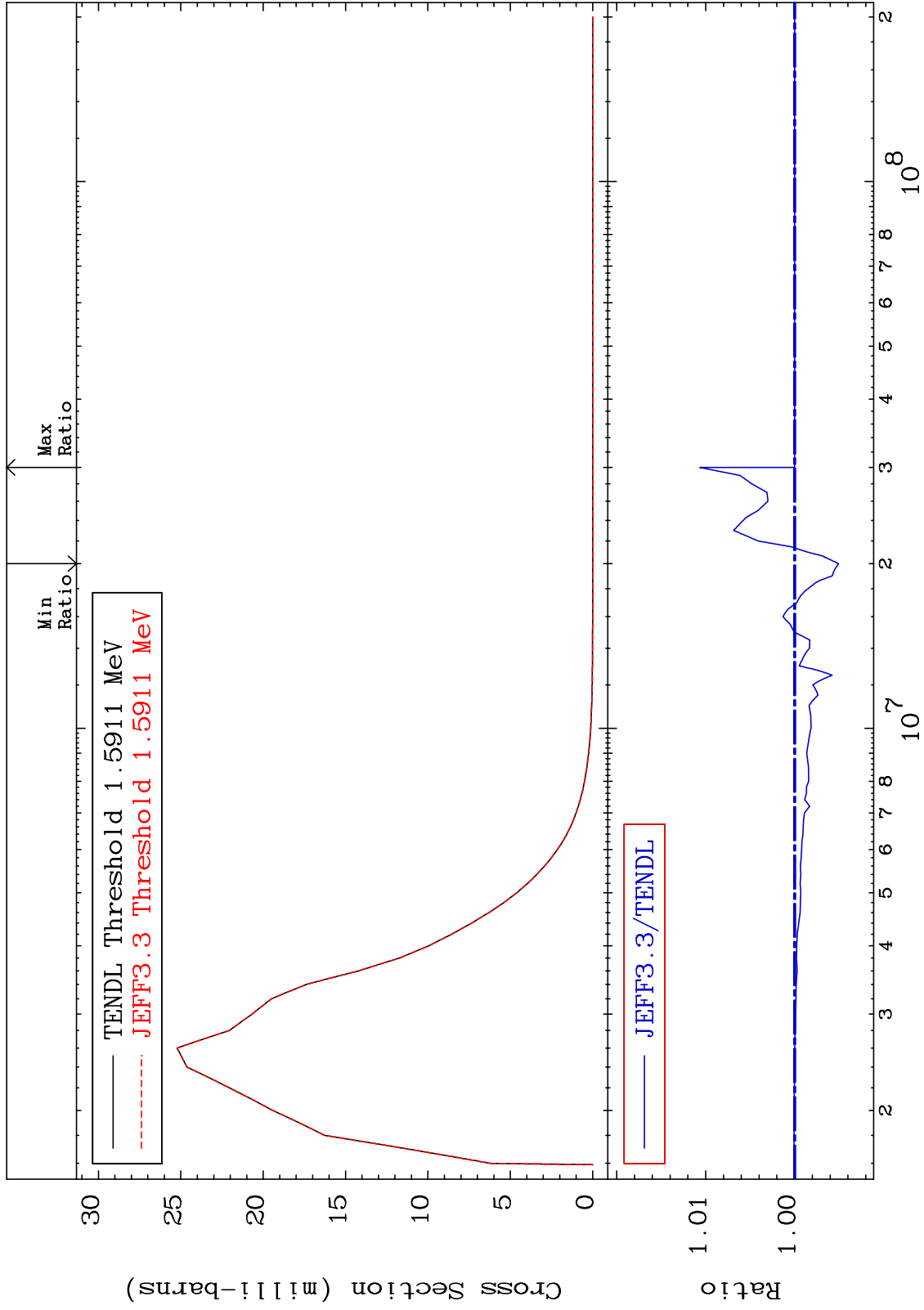
21-Sc-45
-0.326 To 0.041 %



MAT 2125

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

21-Sc-45
-0.494 To 1.066 %



32

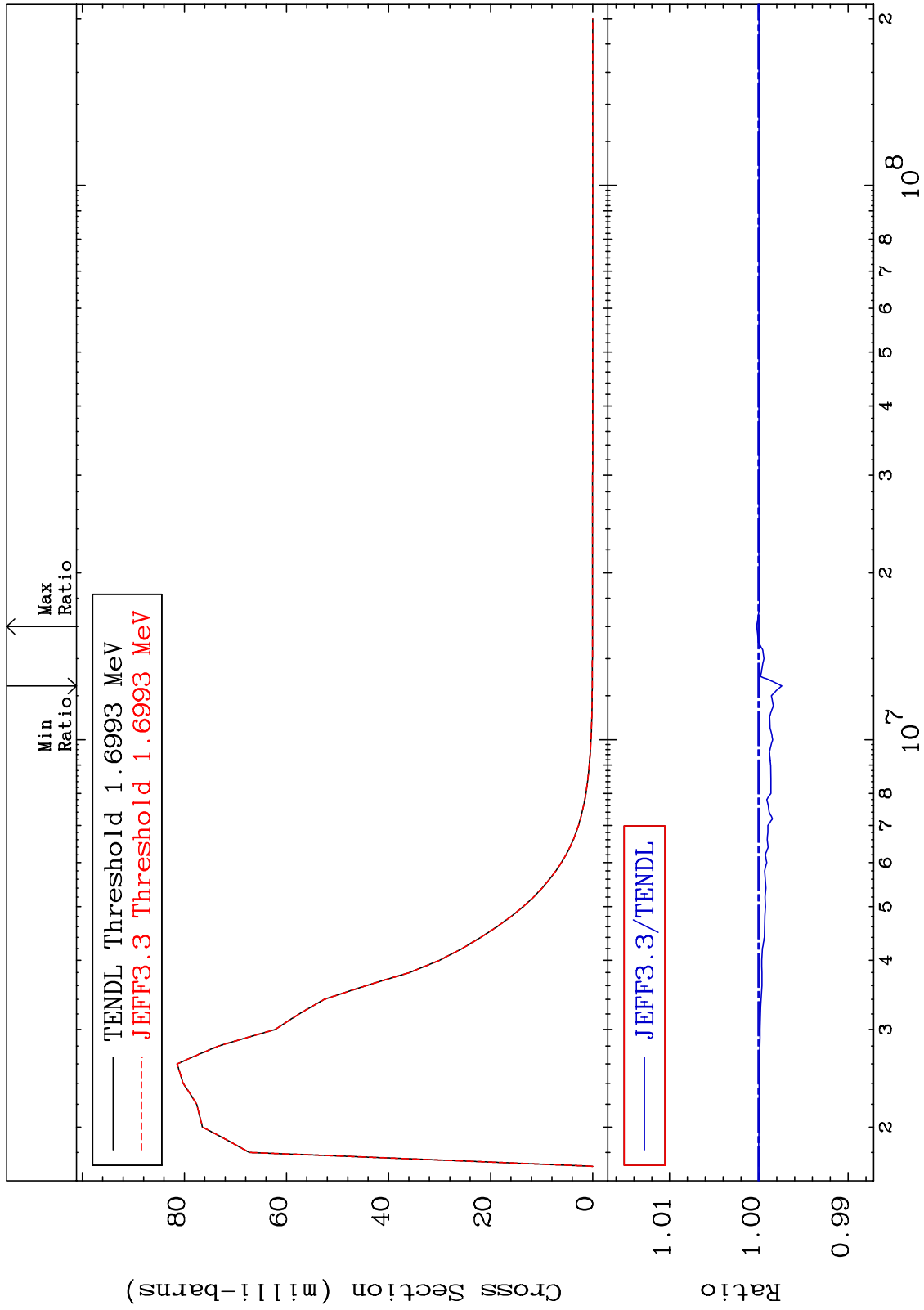
Incident Energy (eV)

21-Sc-45

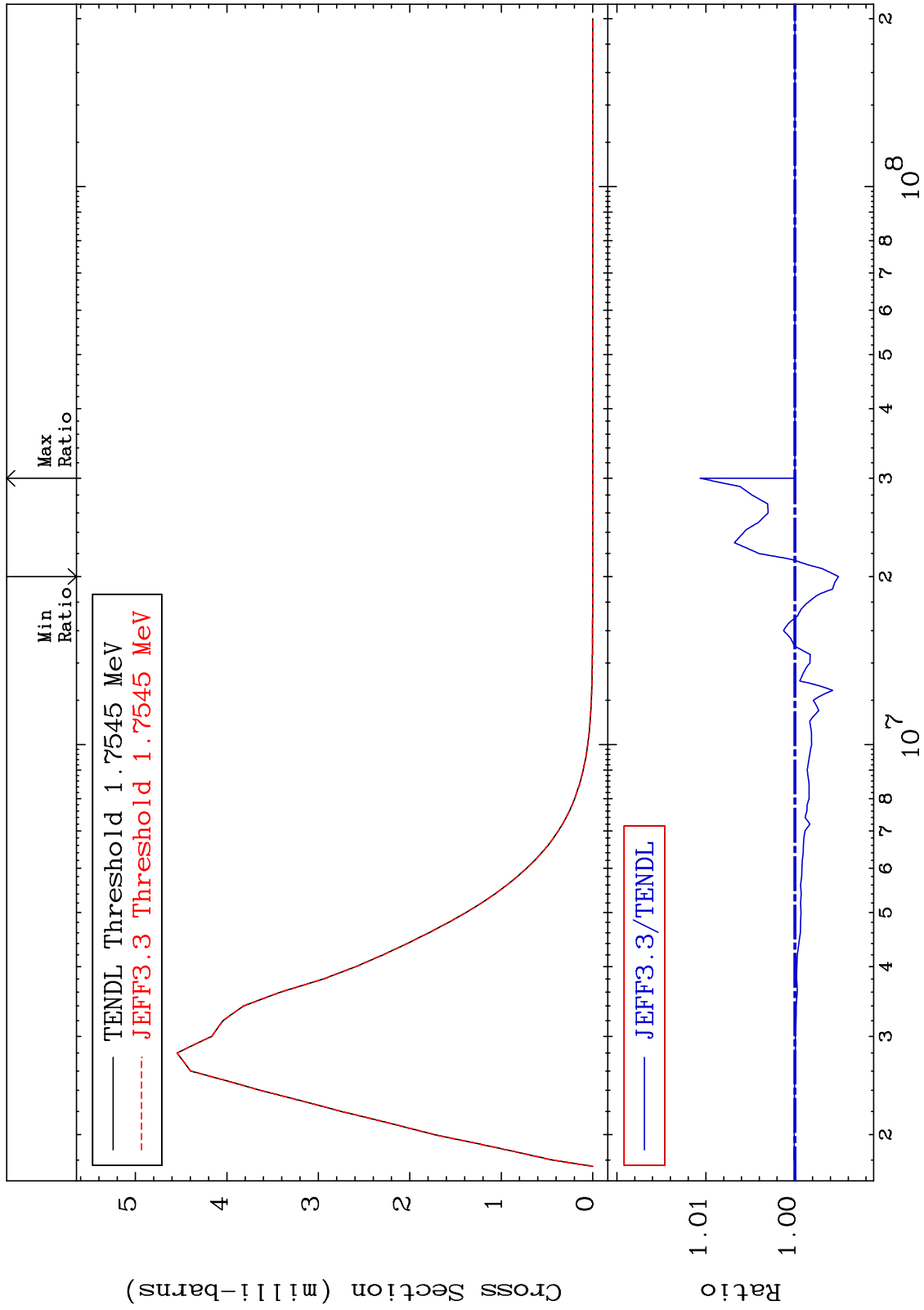
MAT 2125

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

21-Sc-45
-0.257 To 0.025 %



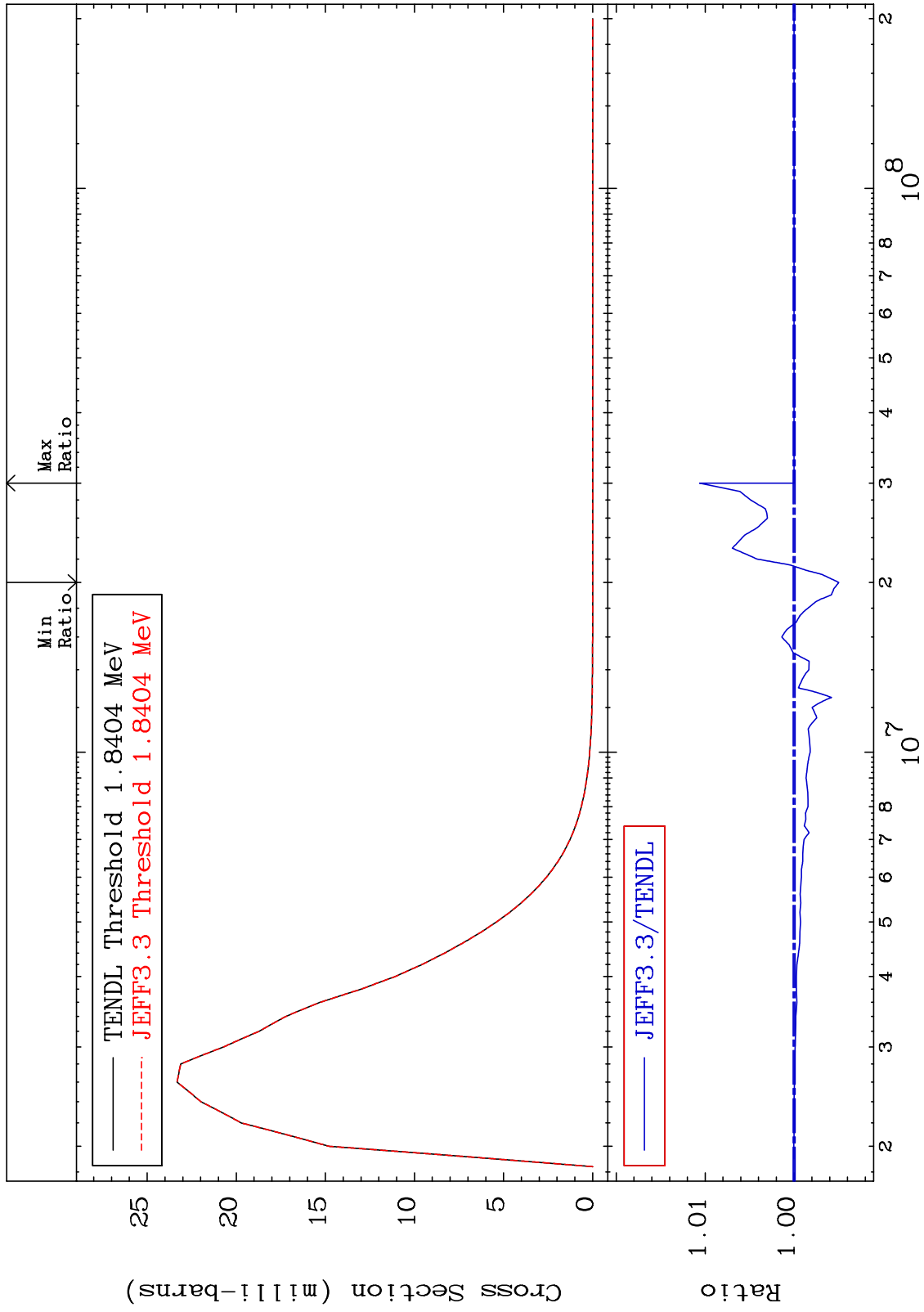
MAT 2125 MT= 66 (n,n') Level Cross Section -0.491 To 1.068 % 21-Sc-45



MAT 2125

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

21-Sc-45
-0.502 To 1.062 %



35

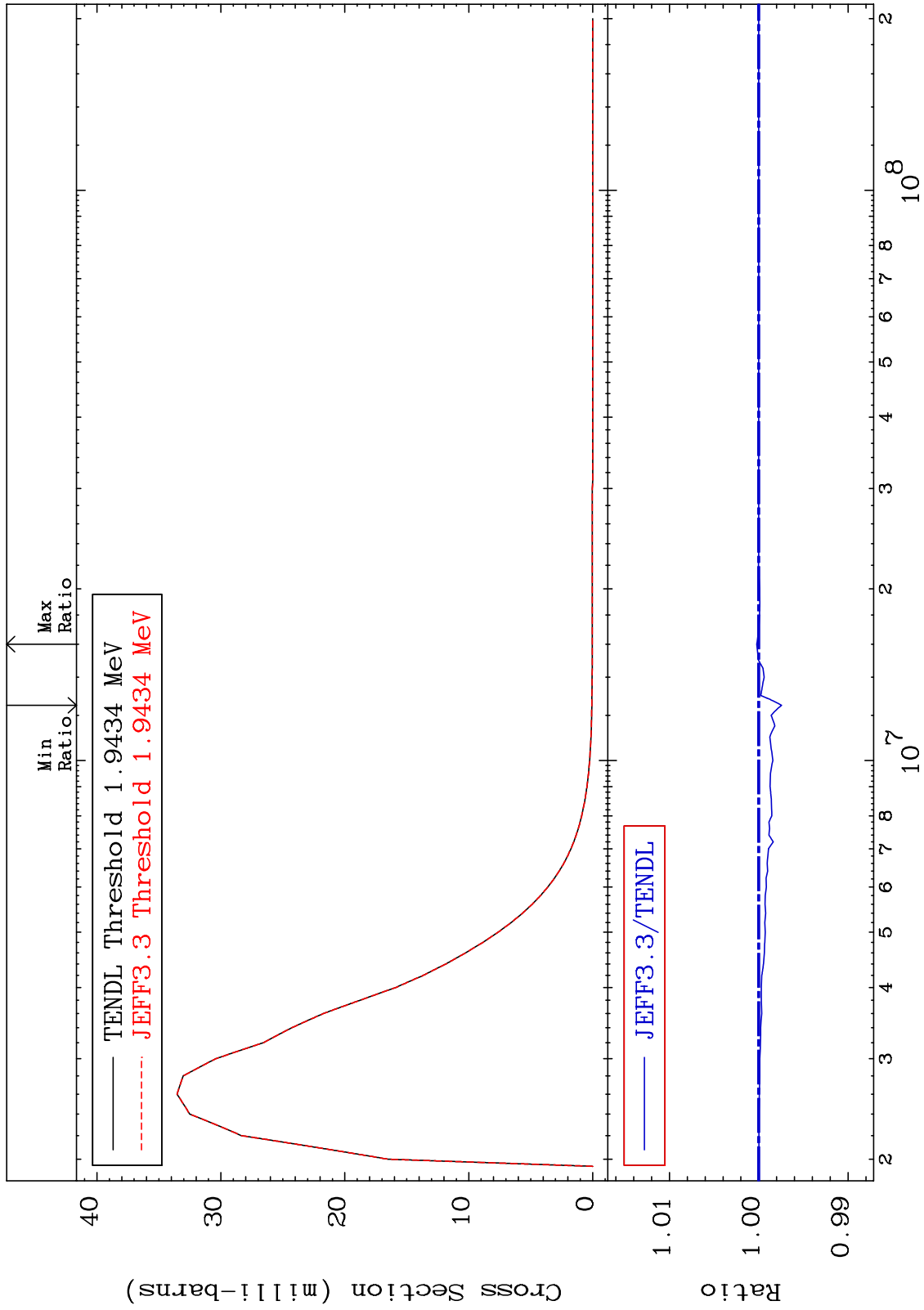
Incident Energy (eV)

21-Sc-45

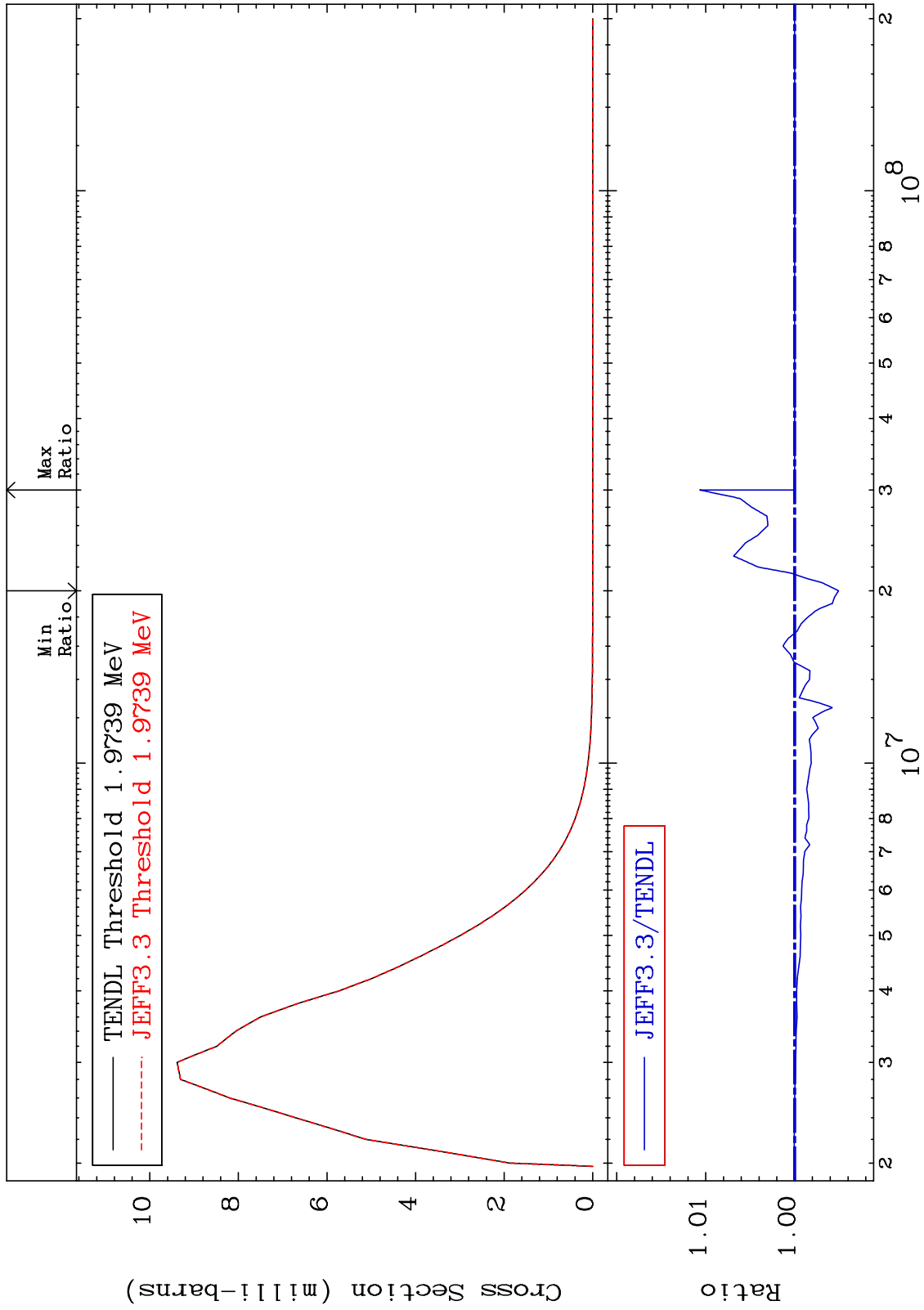
MAT 2125

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

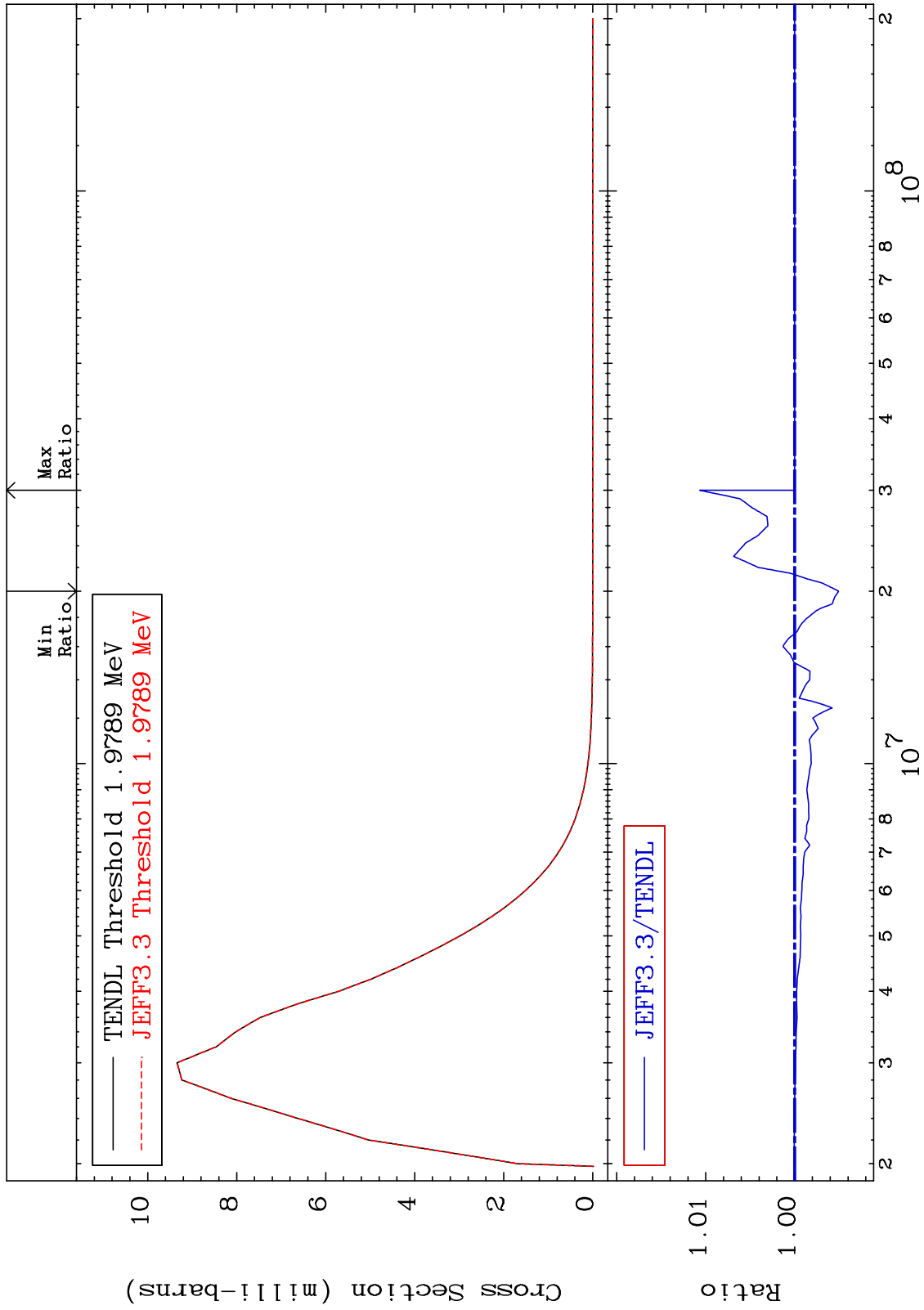
21-Sc-45
-0.256 To 0.022 %



MAT 2125 MT= 69 (n, n') Level Cross Section -0.494 To 1.066 % 21-Sc-45



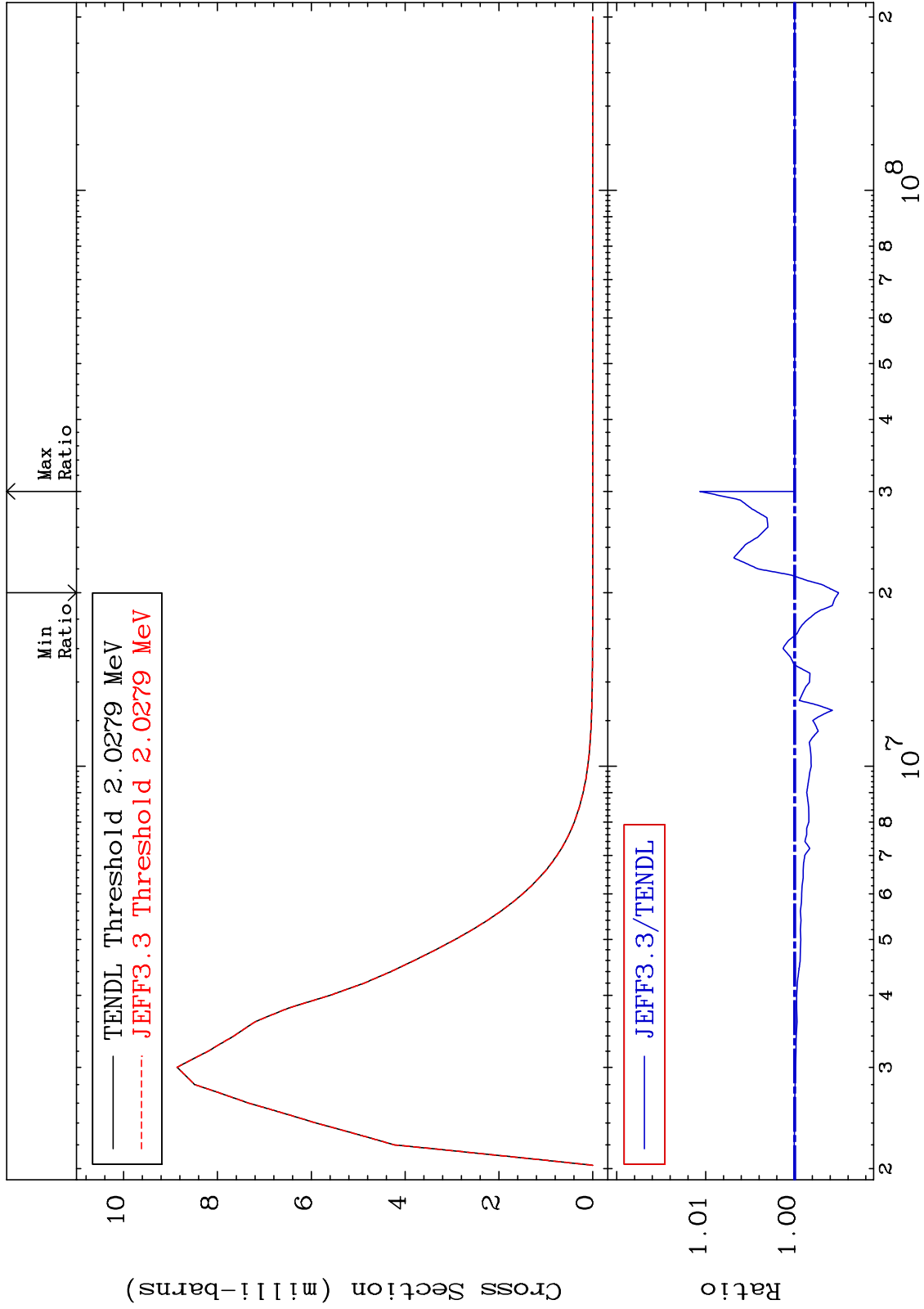
MAT 2125 MT= 70 (n,n') Level Cross Section -0.494 To 1.066 % 21-Sc-45



MAT 2125

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

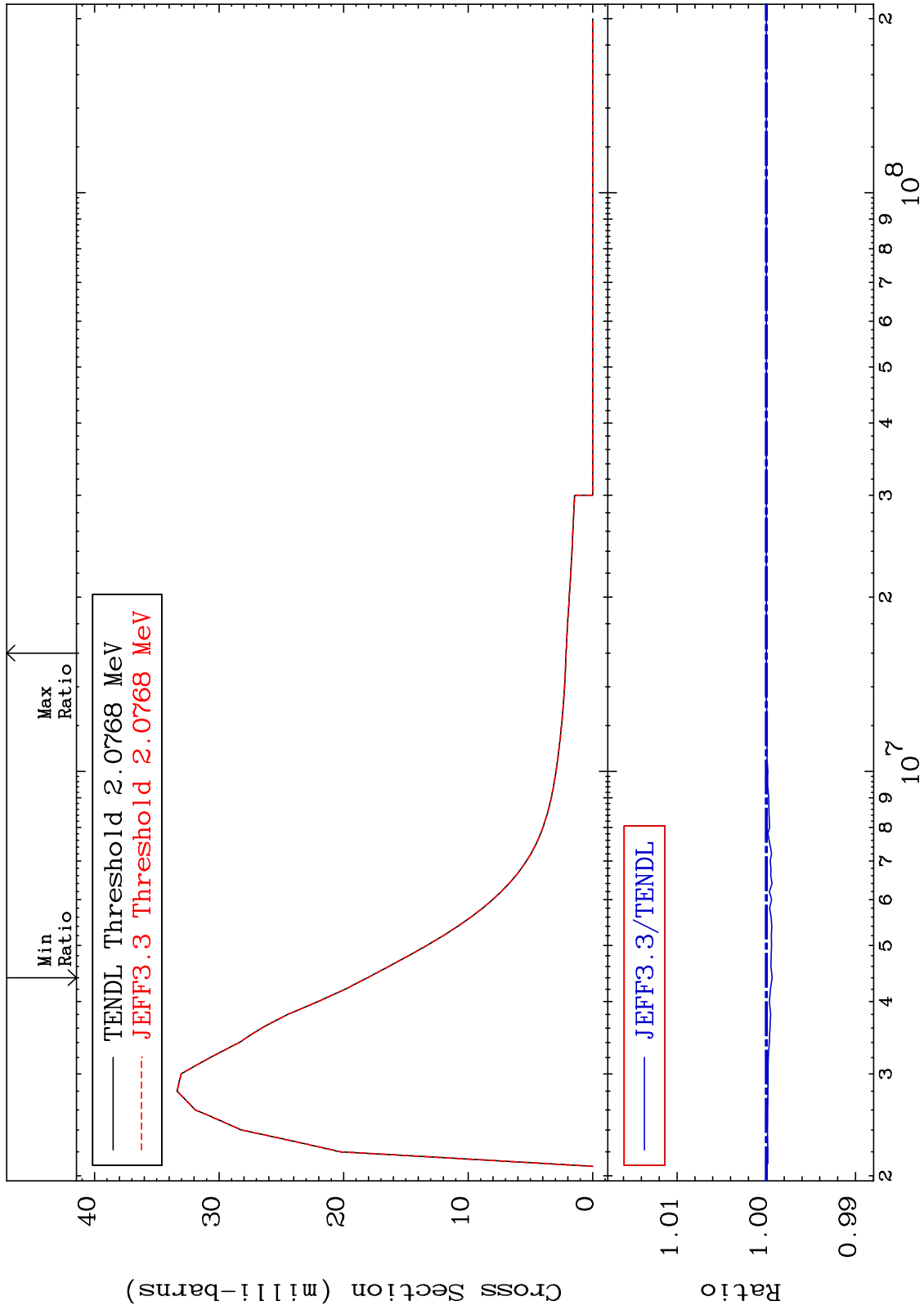
21-Sc-45
-0.494 To 1.066 %



MAT 2125

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

21-Sc-45
-0.066 To 0.000 %

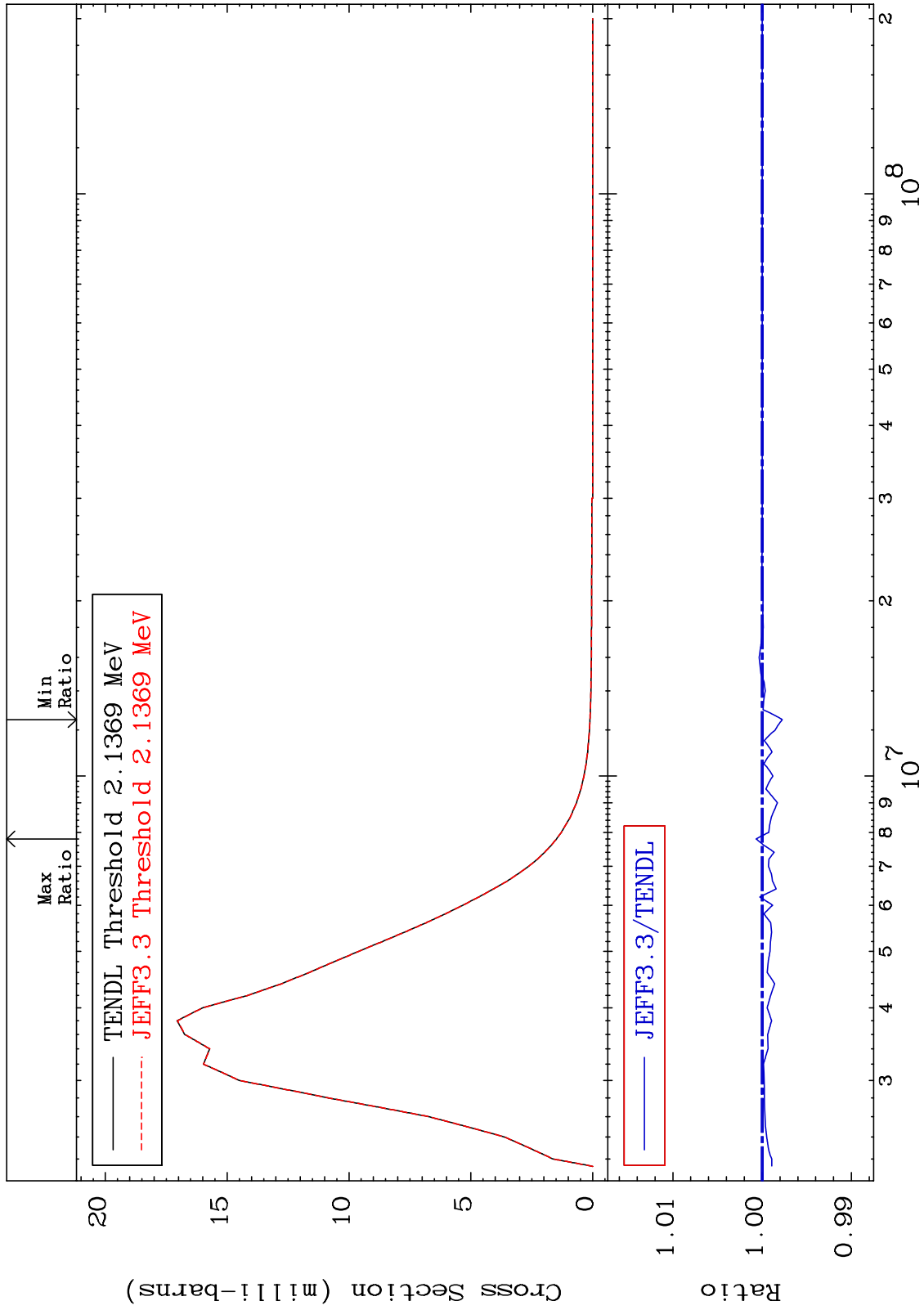


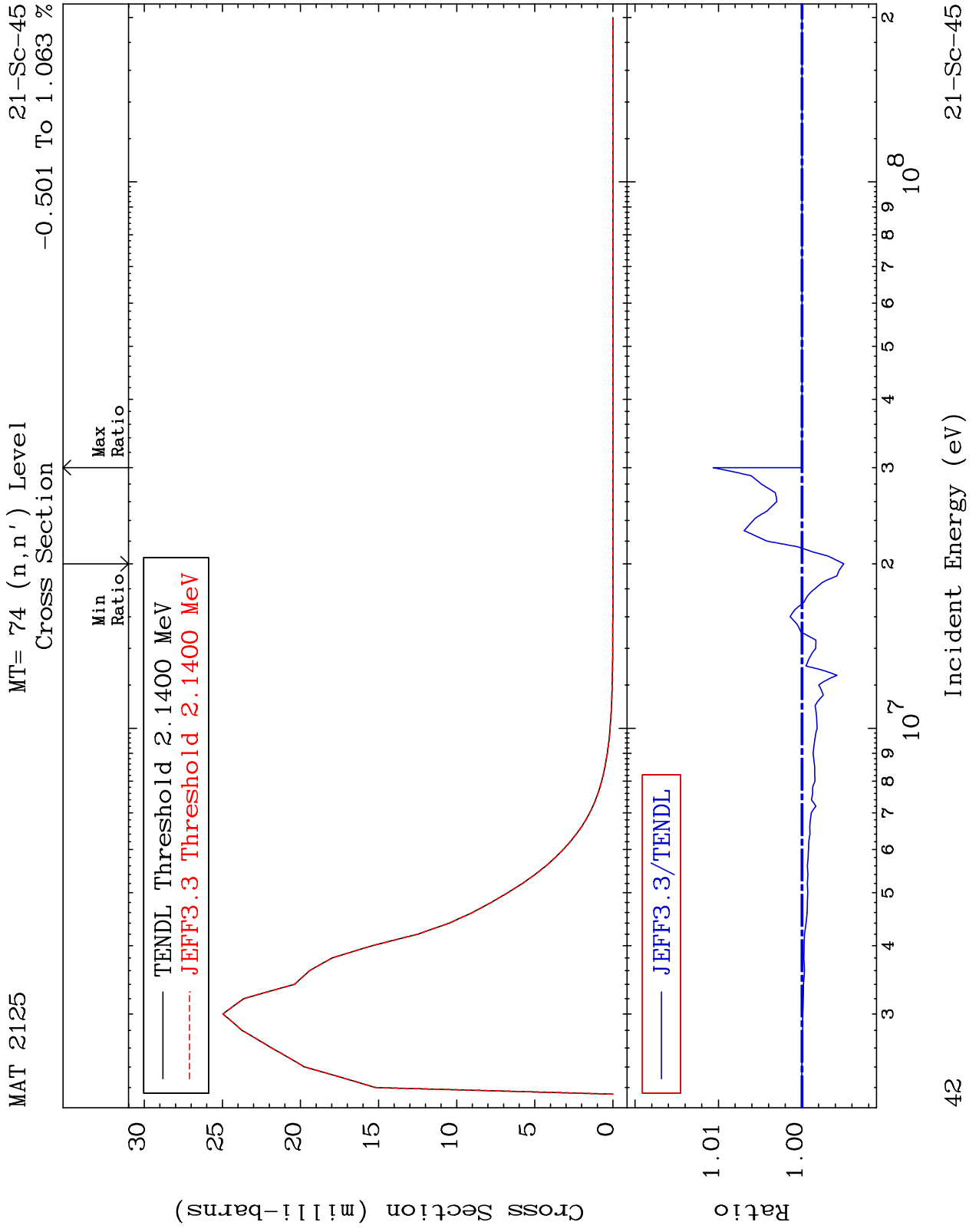
40

Incident Energy (eV)

21-Sc-45

MAT 2125 MT= 73 (n,n') Level Cross Section 21-Sc-45
 -0.226 To 0.067 %

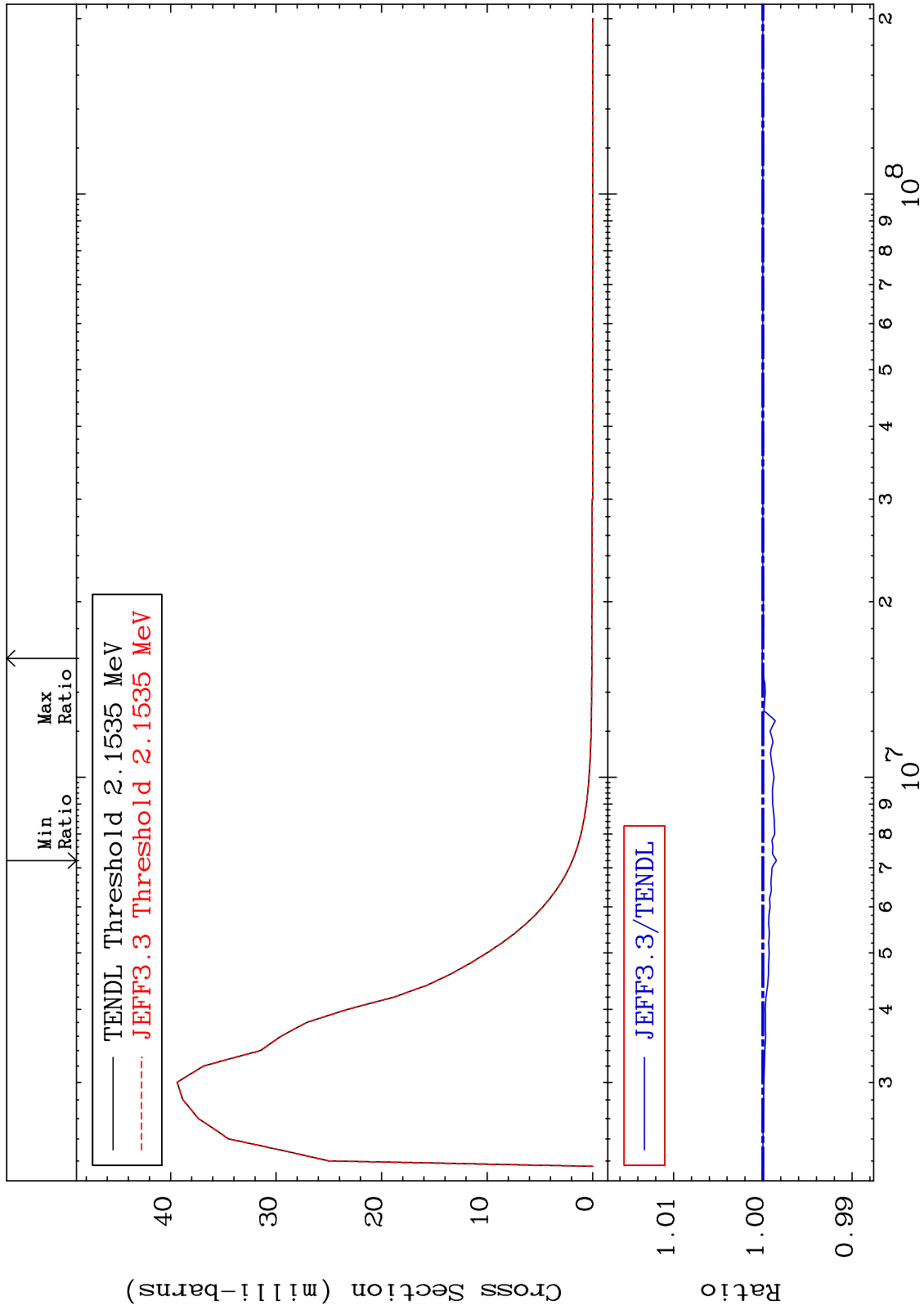




MAT 2125

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

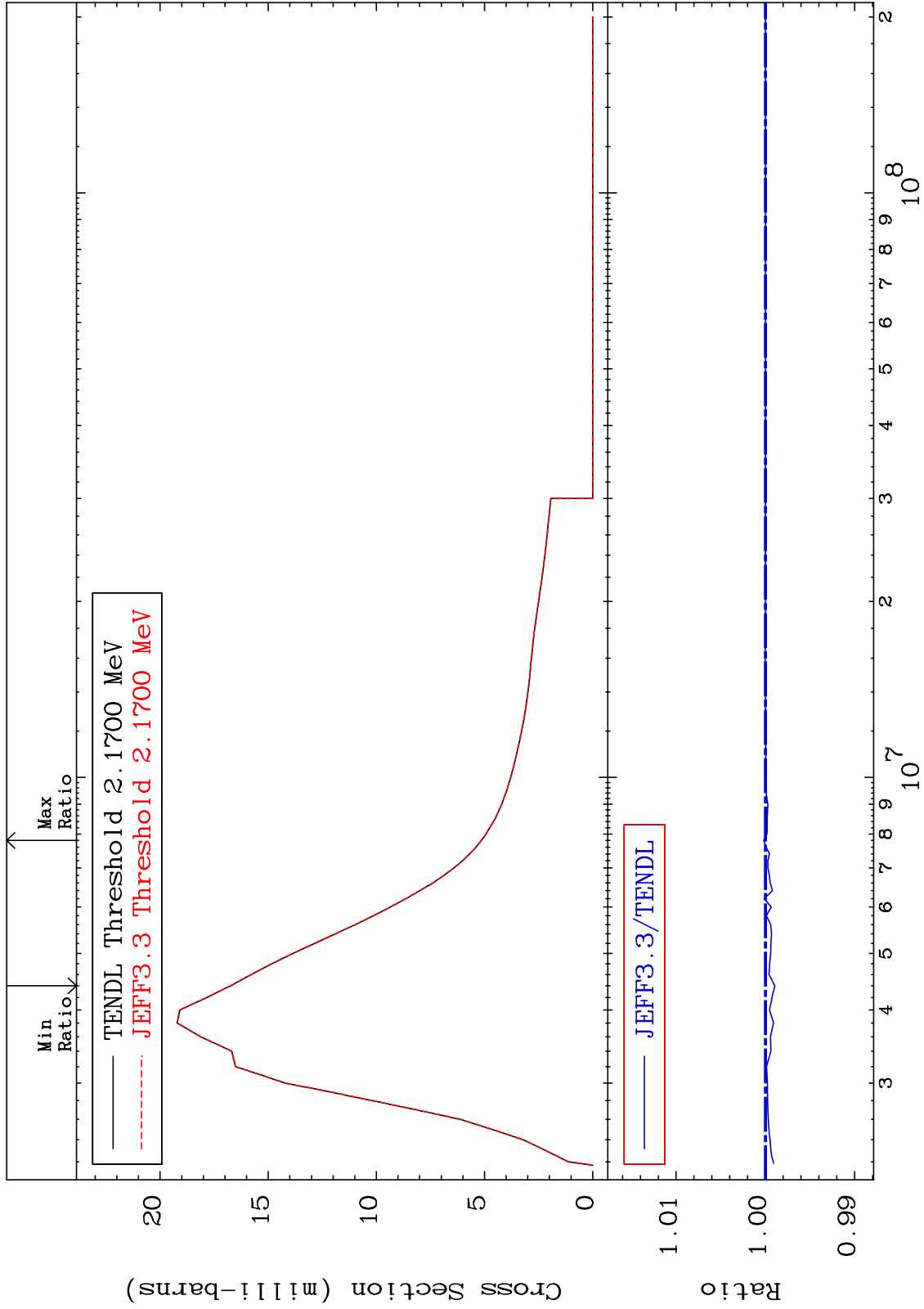
21-Sc-45
-0.152 To 0.010 %



MAT 2125

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

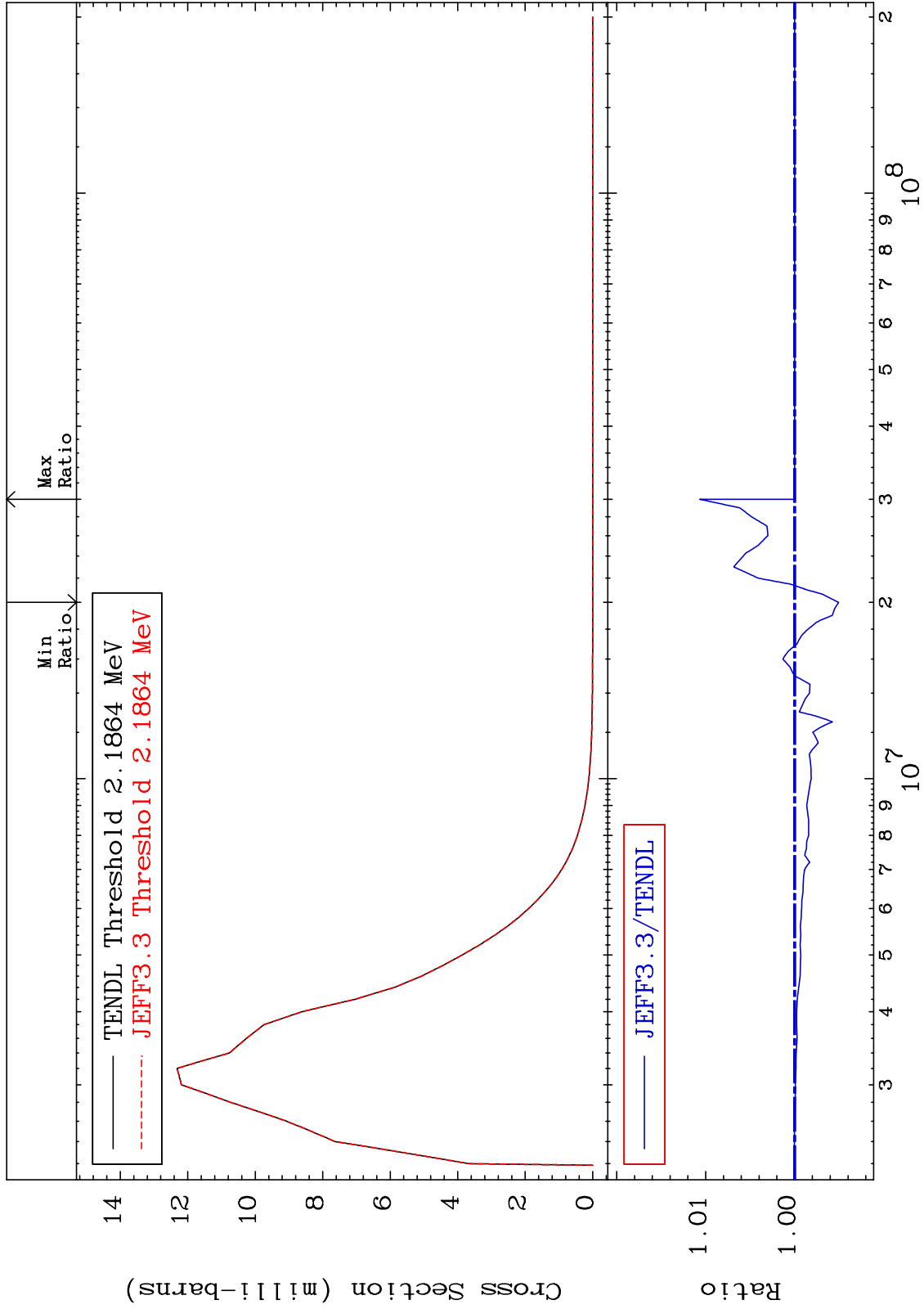
21-Sc-45
-0.106 To 0.019 %



MAT 2125

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

21-Sc-45
-0.494 To 1.066 %

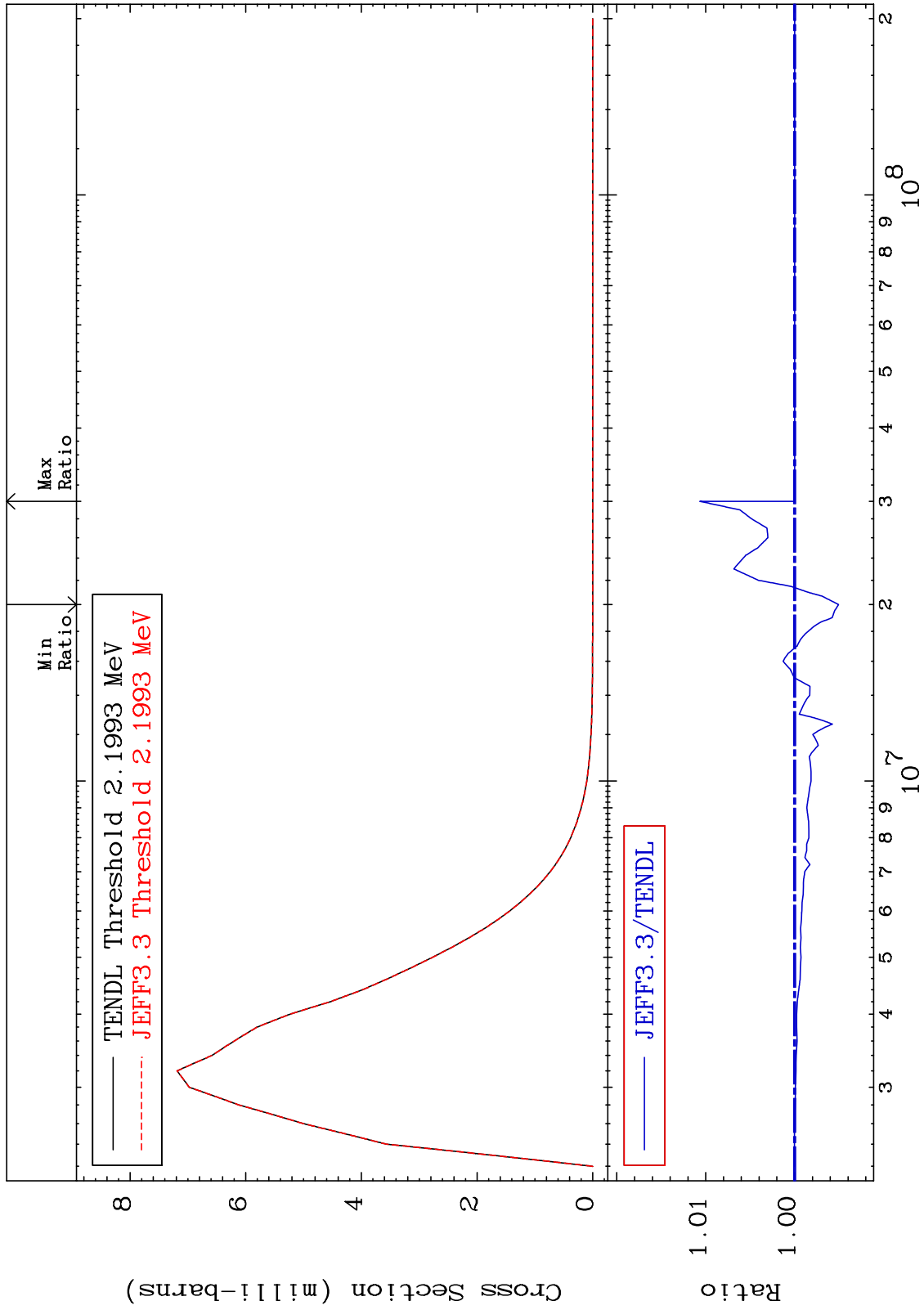


45

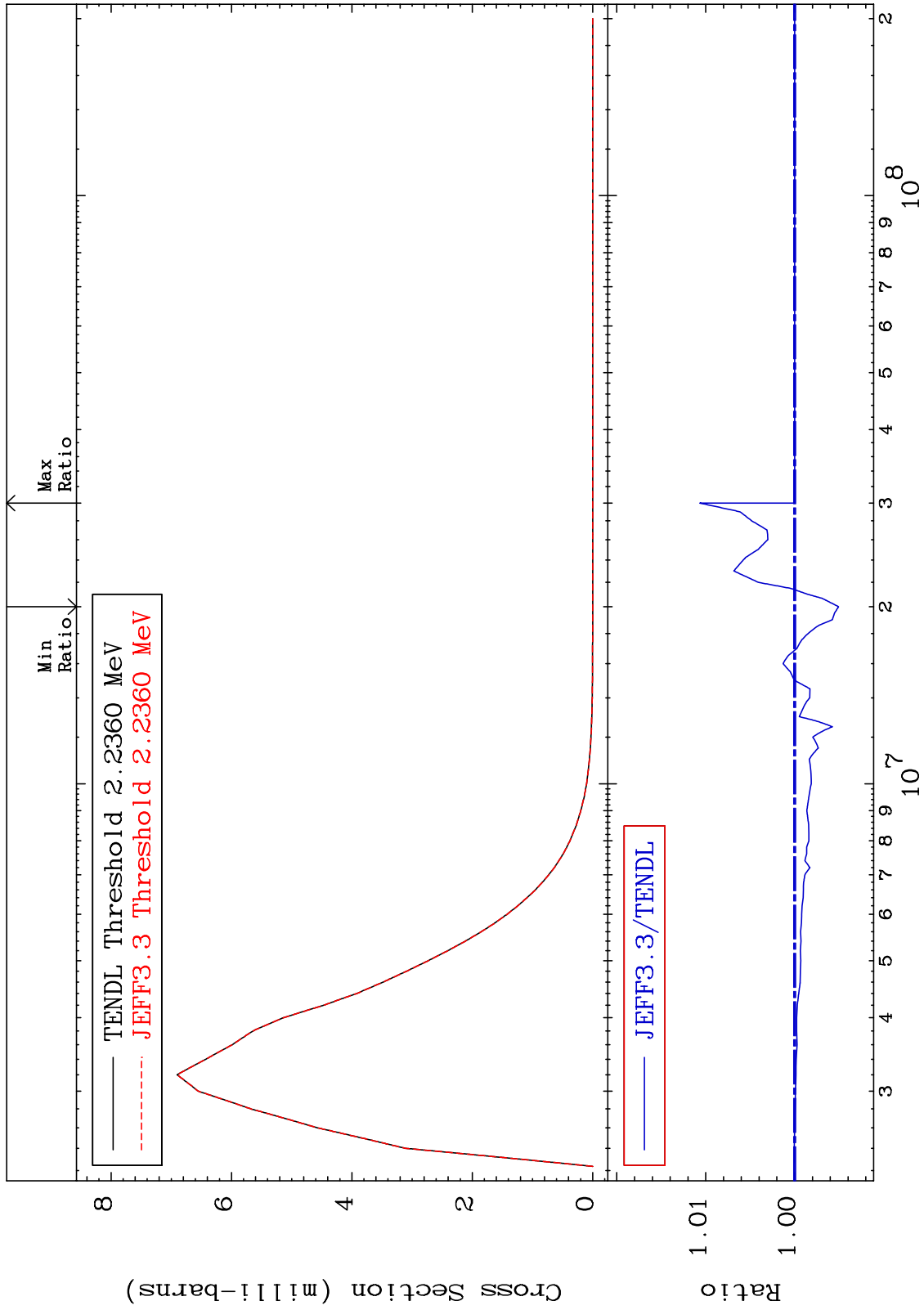
Incident Energy (eV)

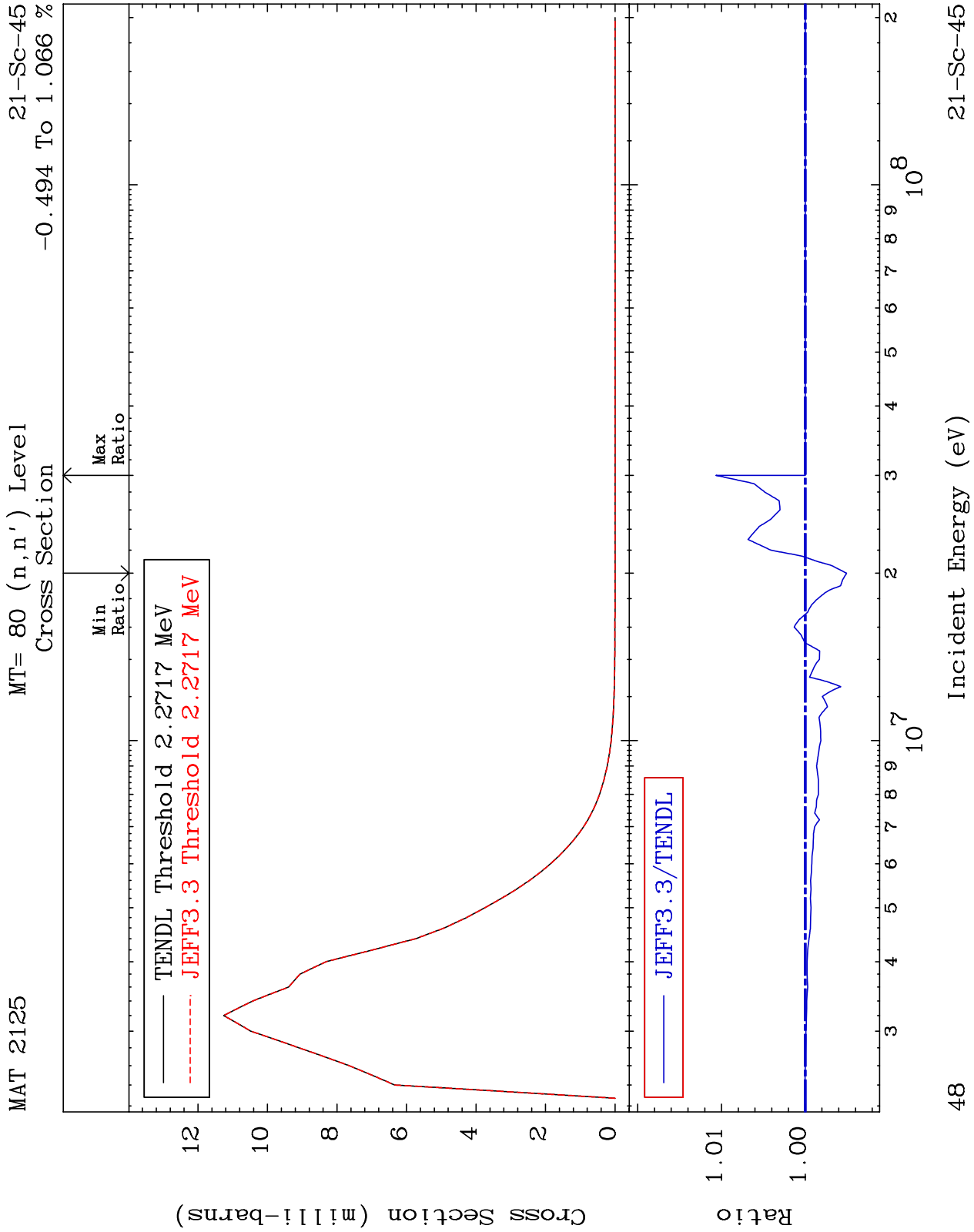
21-Sc-45

MAT 2125 MT= 78 (n,n') Level Cross Section -0.494 To 1.066 % 21-Sc-45



MAT 2125 MT= 79 (n,n') Level Cross Section -0.493 To 1.066 % 21-Sc-45

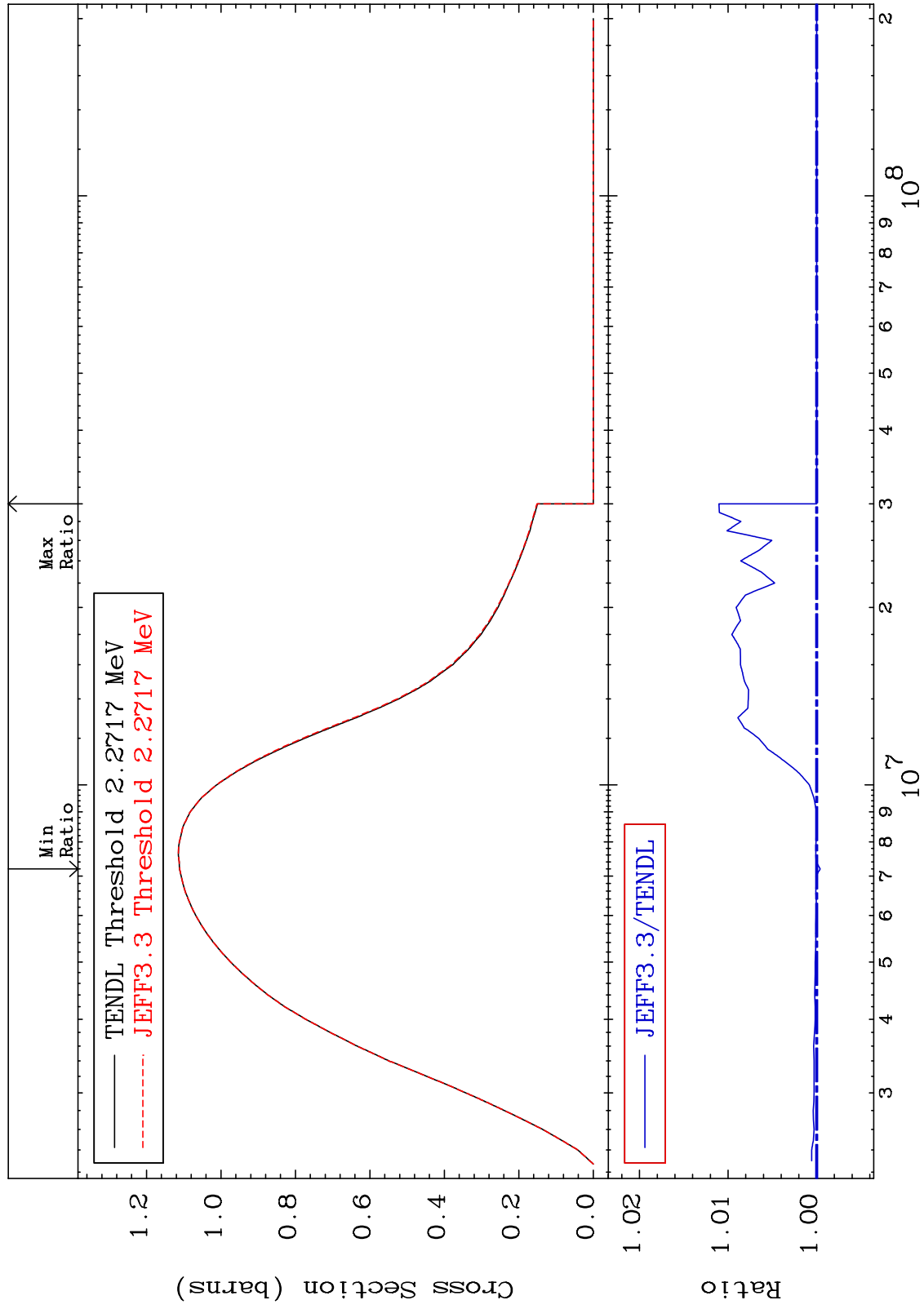




MAT 2125

(n, n') Continuum
Cross Section

21-Sc-45
-0.040 To 1.104 %



49

Incident Energy (eV)

21-Sc-45

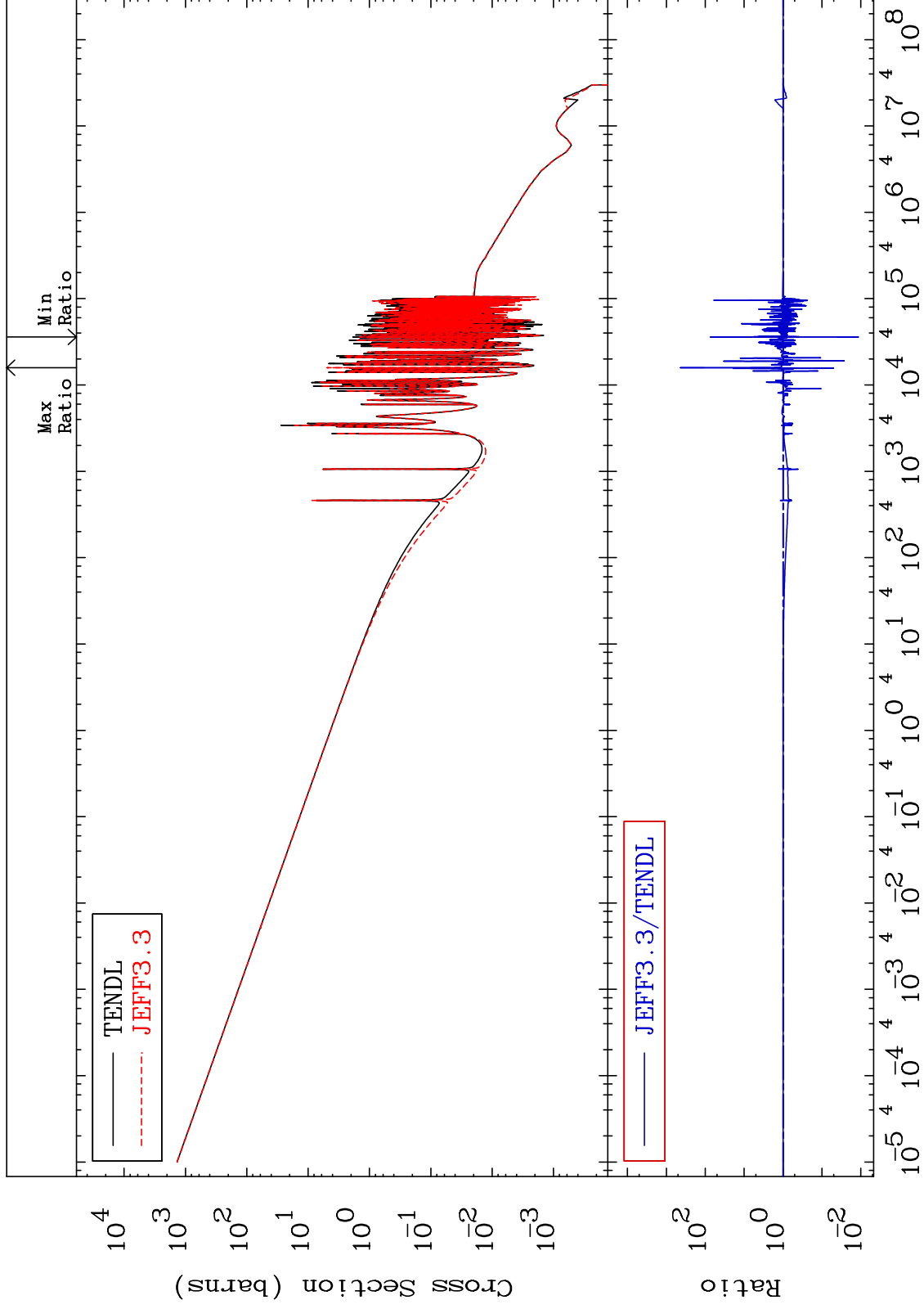
MAT 2125

(n, γ)

21-Sc-45

Cross Section

-98.85 To 9999. %



50

Incident Energy (eV)

21-Sc-45

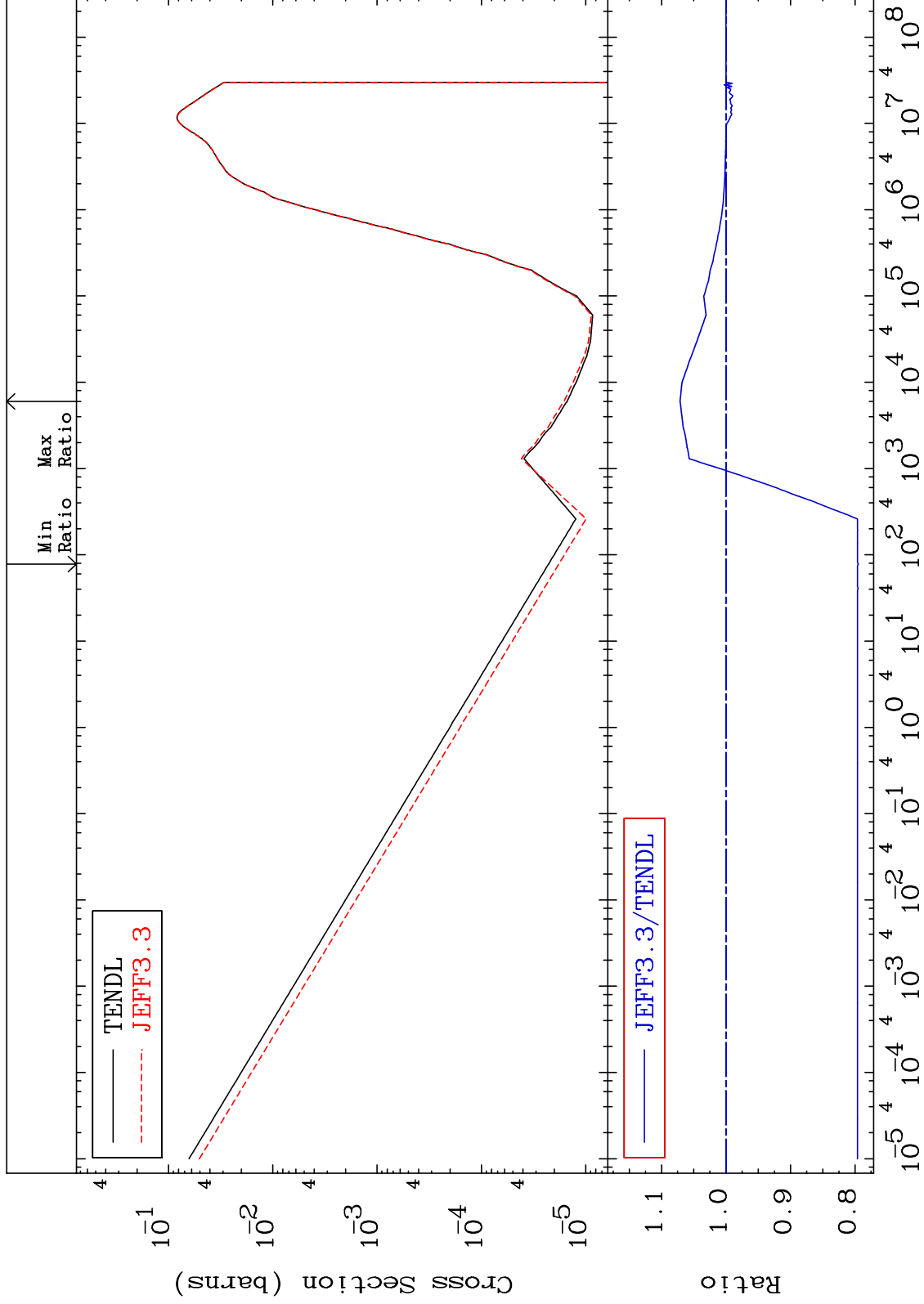
MAT 2125

(n,p)

21-Sc-45

Cross Section

-20.53 To 7.132 %



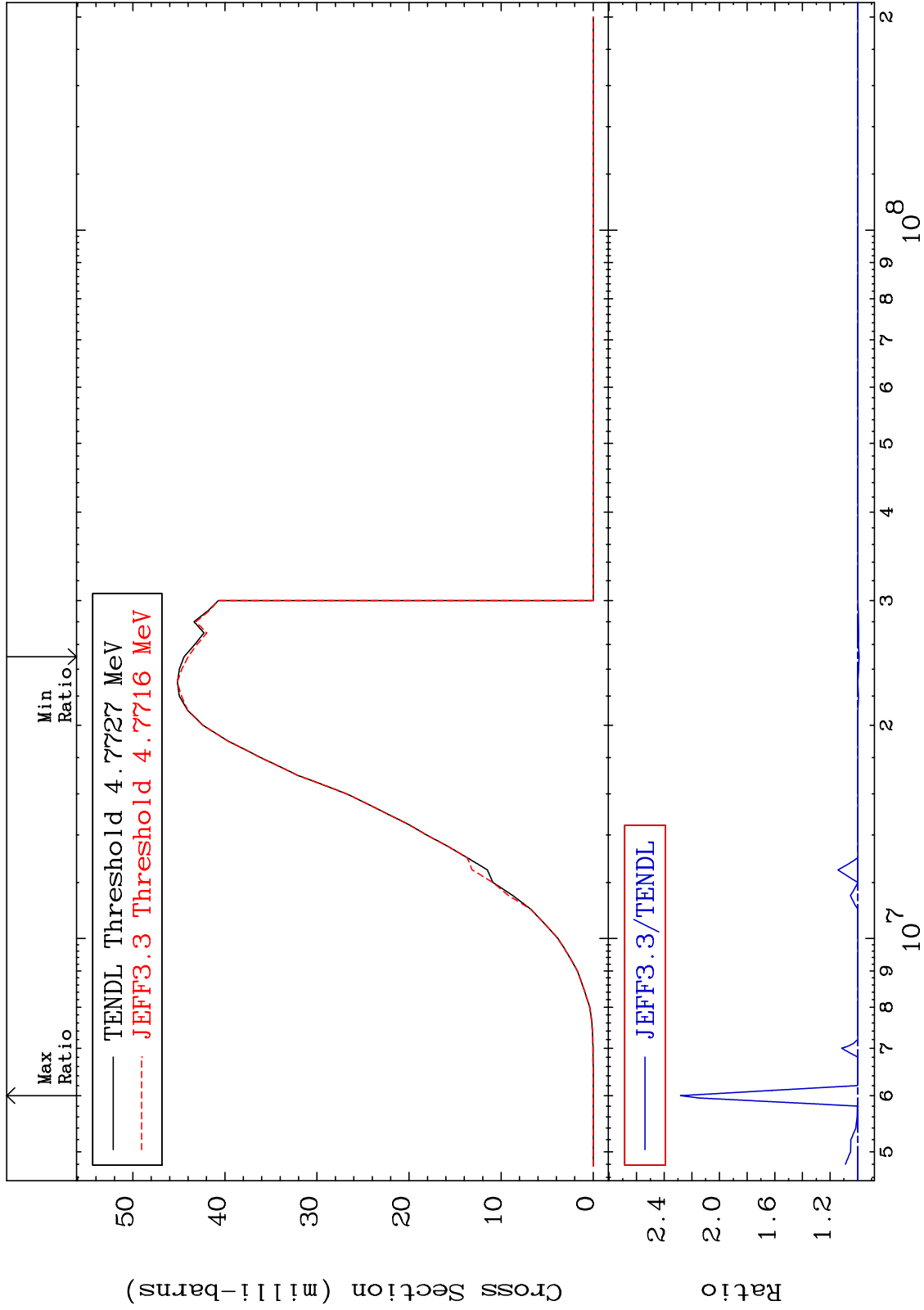
MAT 2125

(n, d)

21-Sc-45

Cross Section

-1.005 To 128.1 %



52

Incident Energy (eV)

21-Sc-45

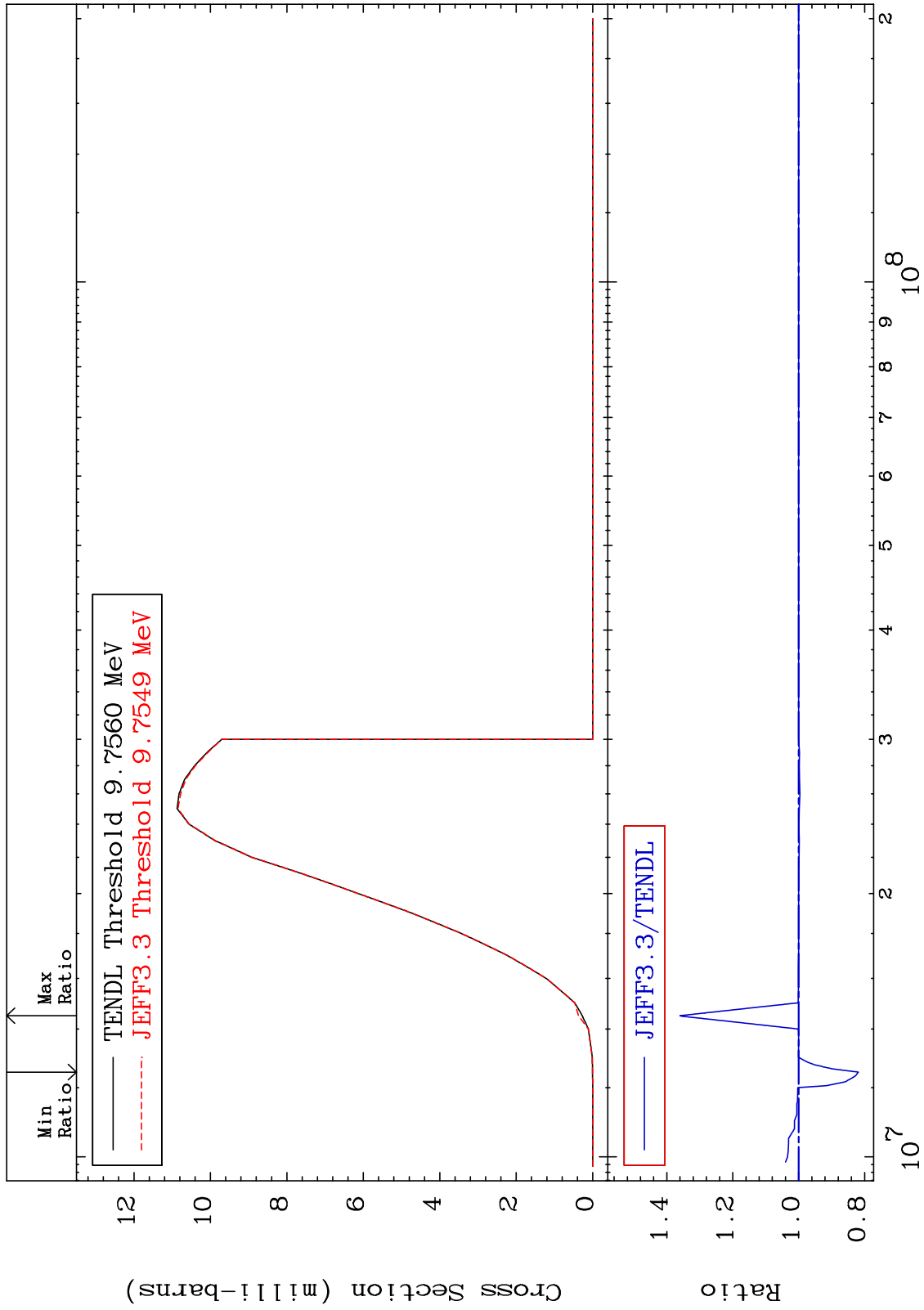
MAT 2125

(n, t)

21-Sc-45

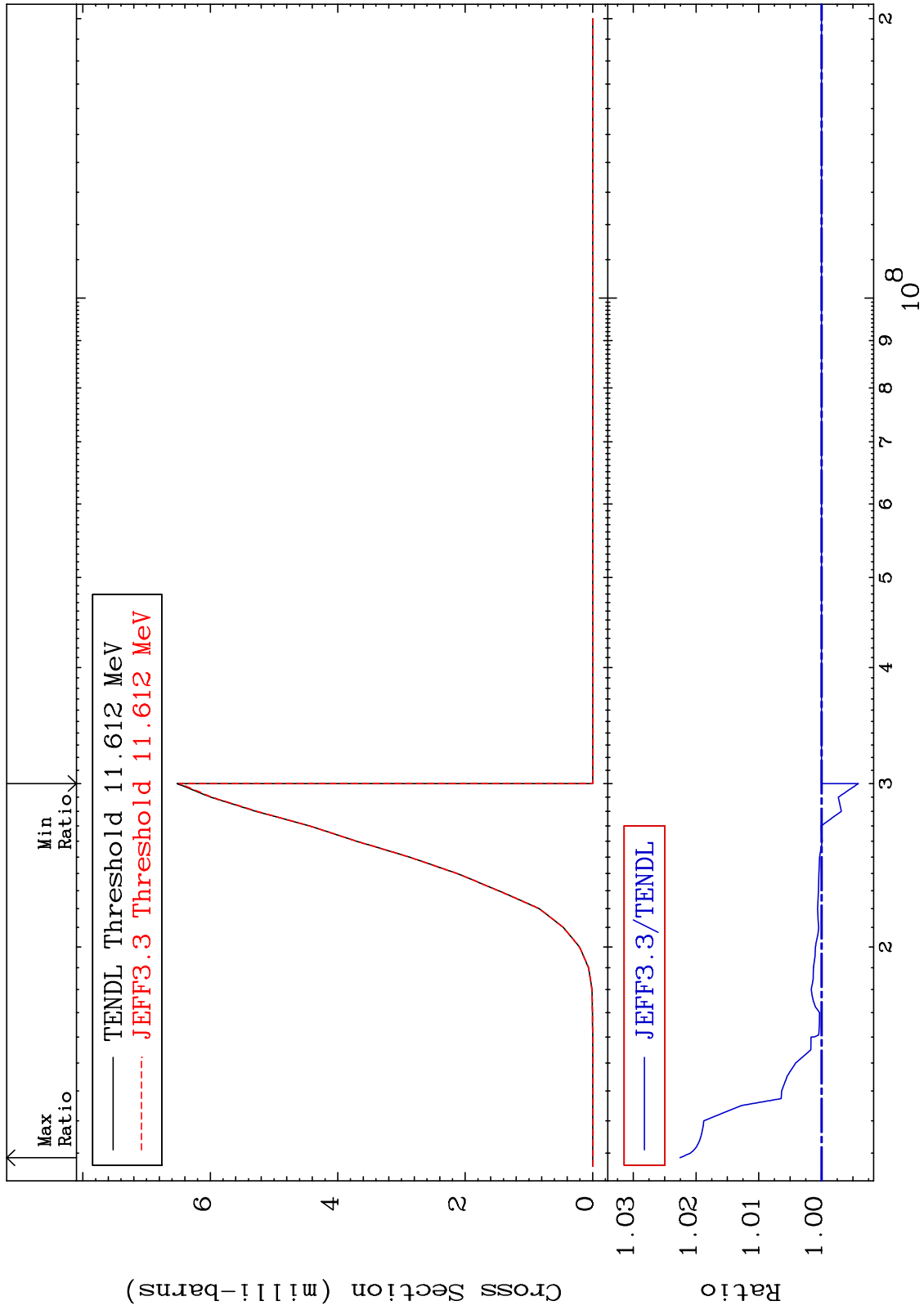
Cross Section

-18.12 To 36.00 %



53

21-Sc-45



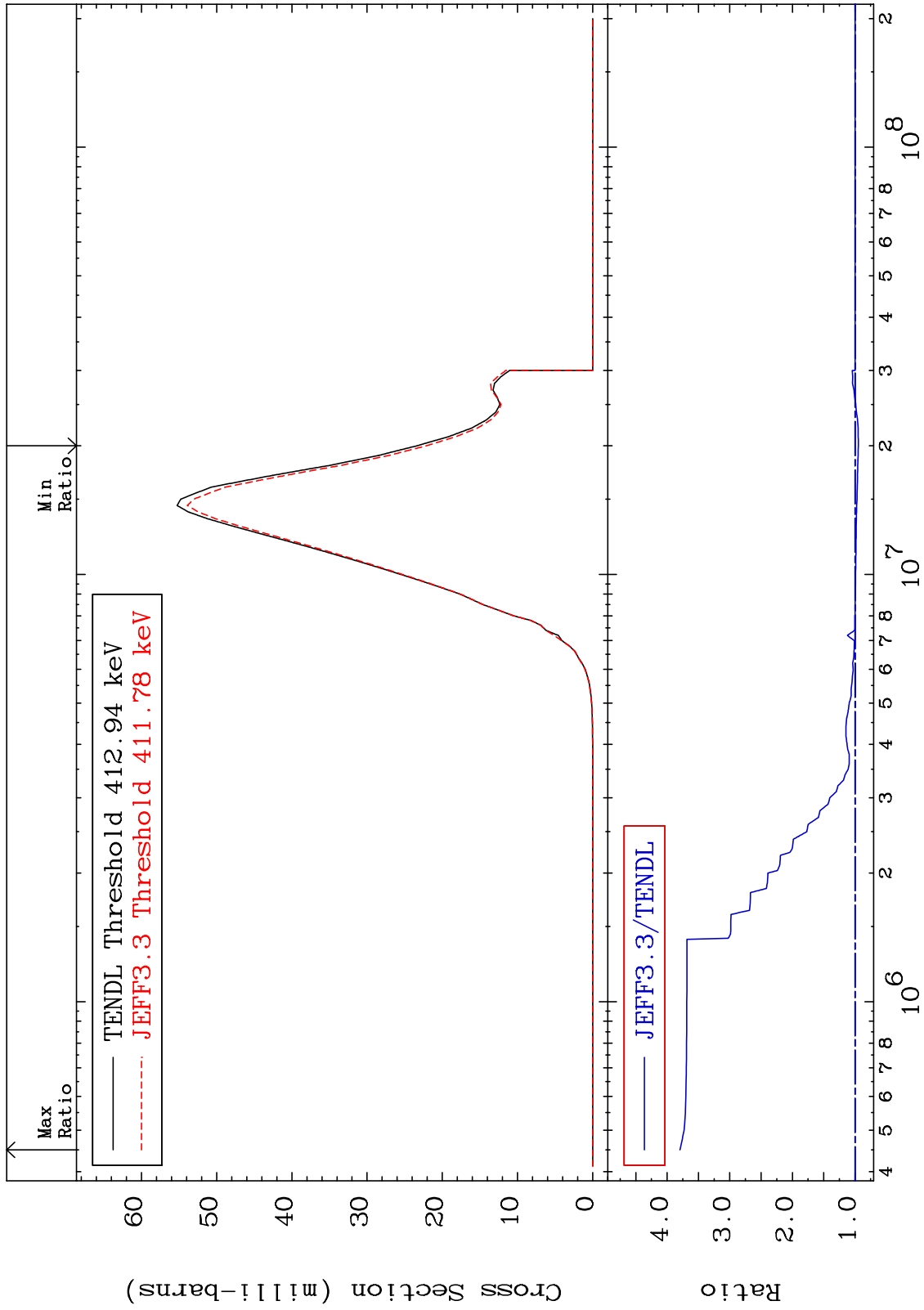
MAT 2125

(n, α)

21-Sc-45

Cross Section

-5.403 To 279.4 %



55

21-Sc-45

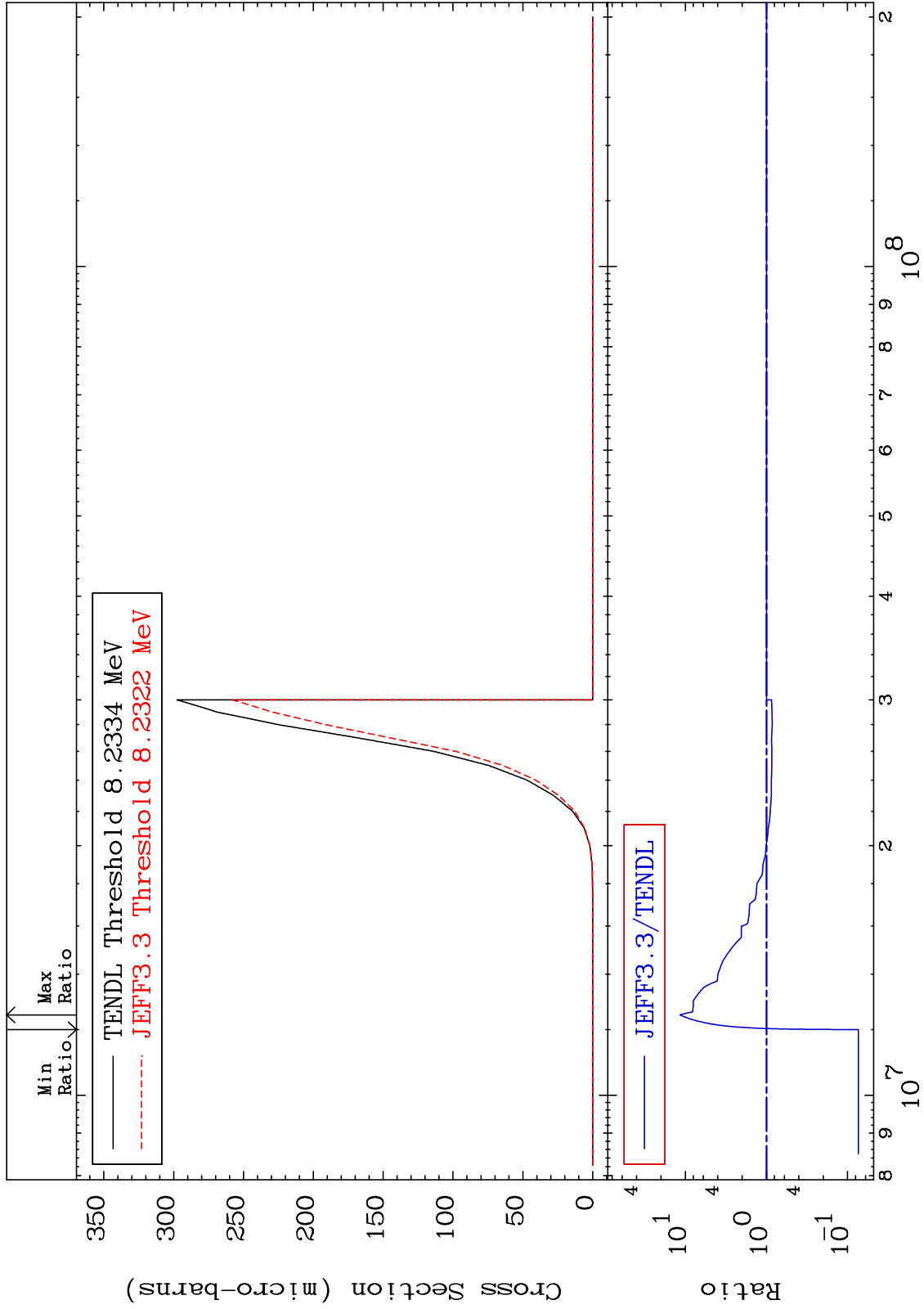
MAT 2125

(n, 2α)

21-Sc-45

Cross Section

-92.65 To 1063. %



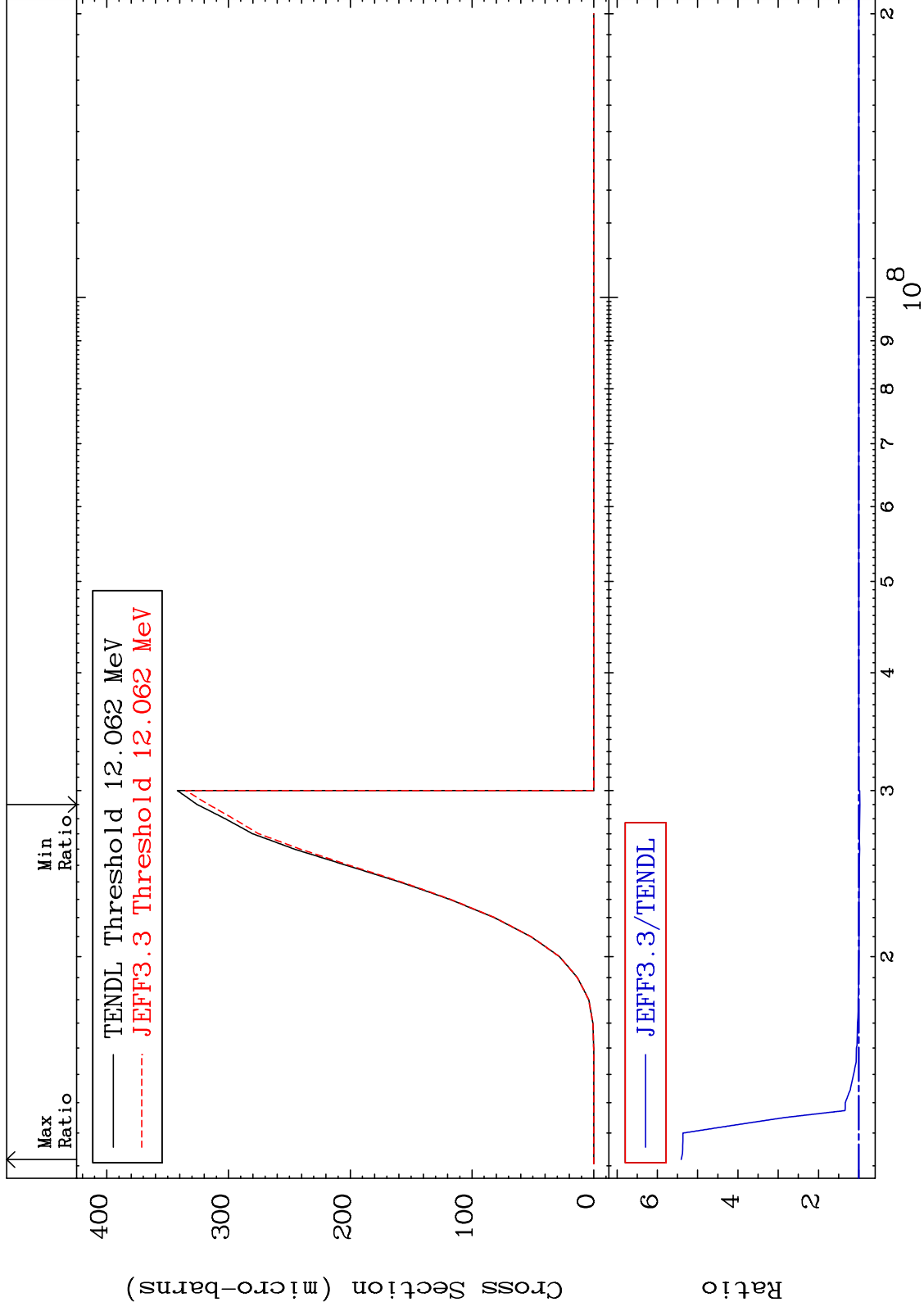
MAT 2125

(n,2p)

21-Sc-45

Cross Section

-2.873 To 440.7 %



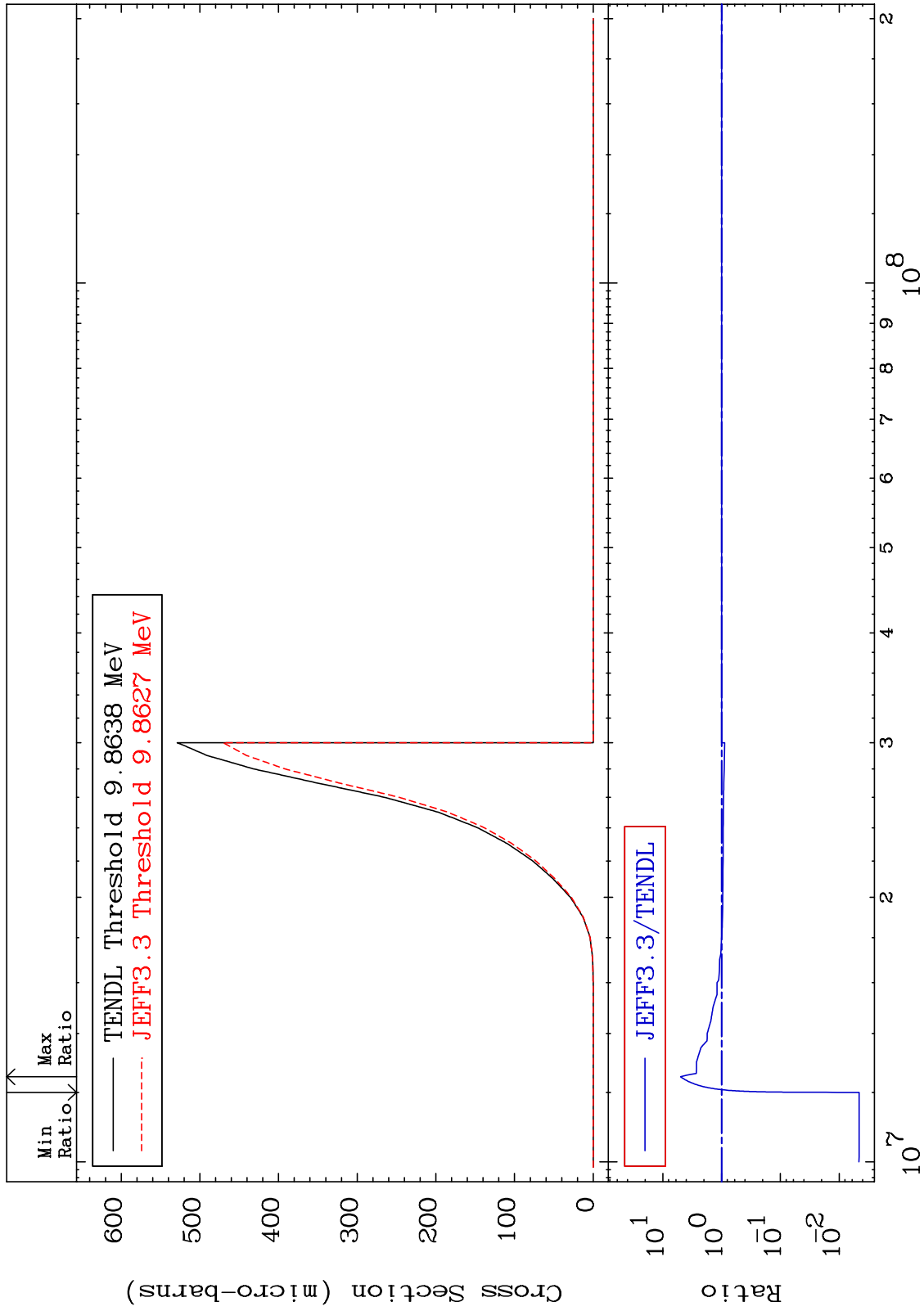
MAT 2125

(n,p) α

21-Sc-45

Cross Section

-99.54 To 399.7 %



58

Incident Energy (eV)

21-Sc-45

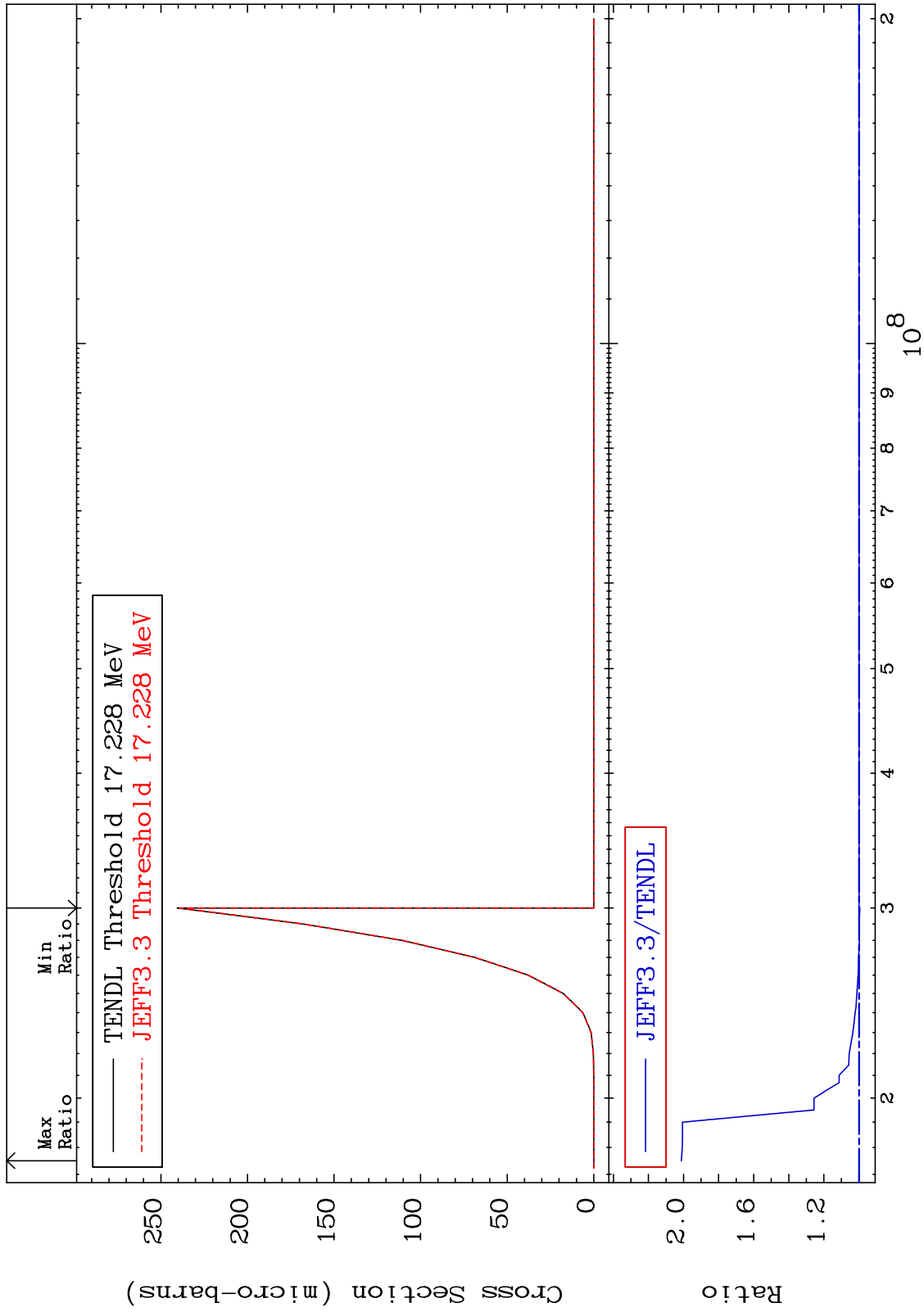
MAT 2125

(n,p) d

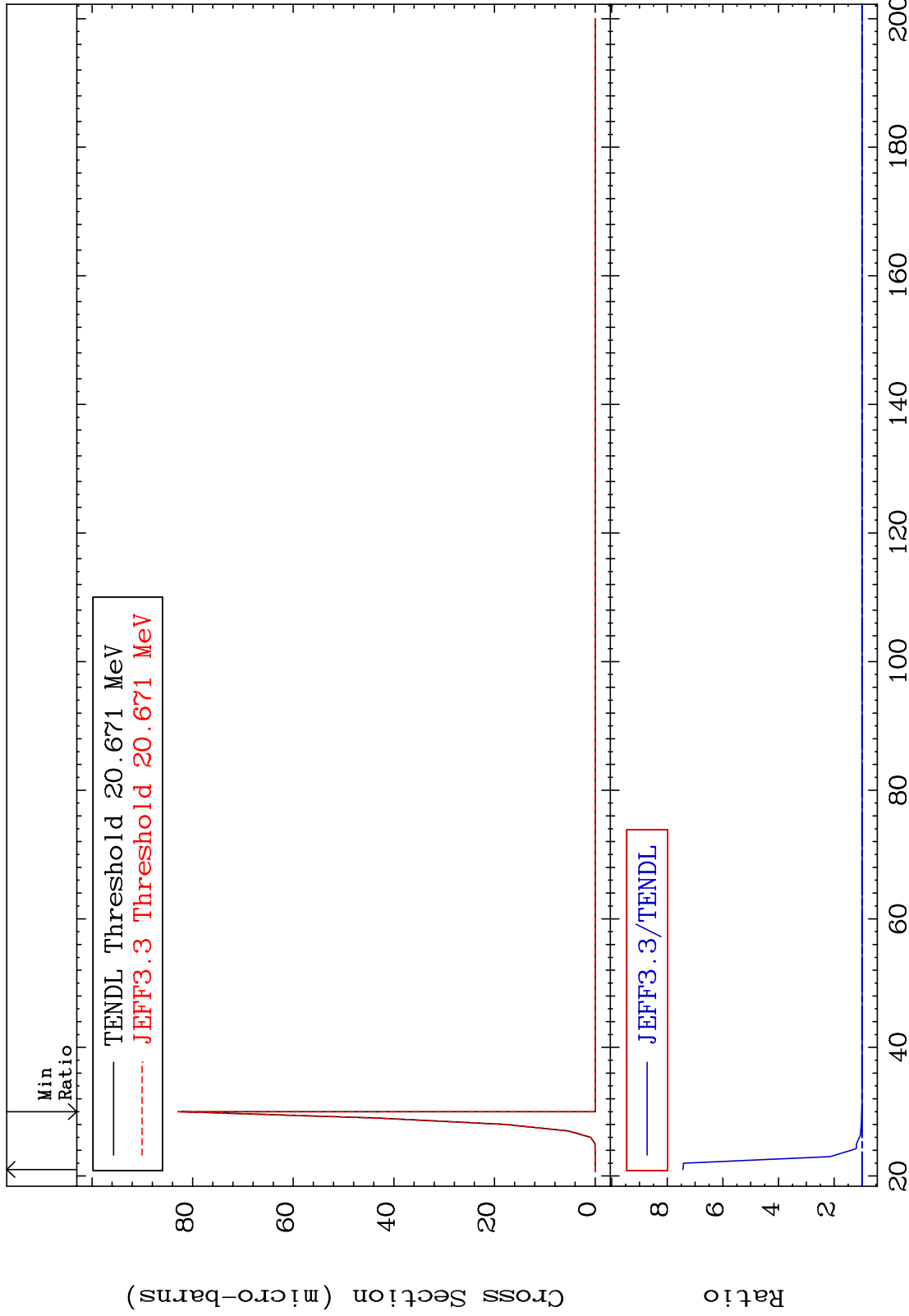
21-Sc-45

Cross Section

-0.566 To 101.3 %



MAT 2125 (n,p) t 21-Sc-45
Cross Section 0.000 To 644.0 %



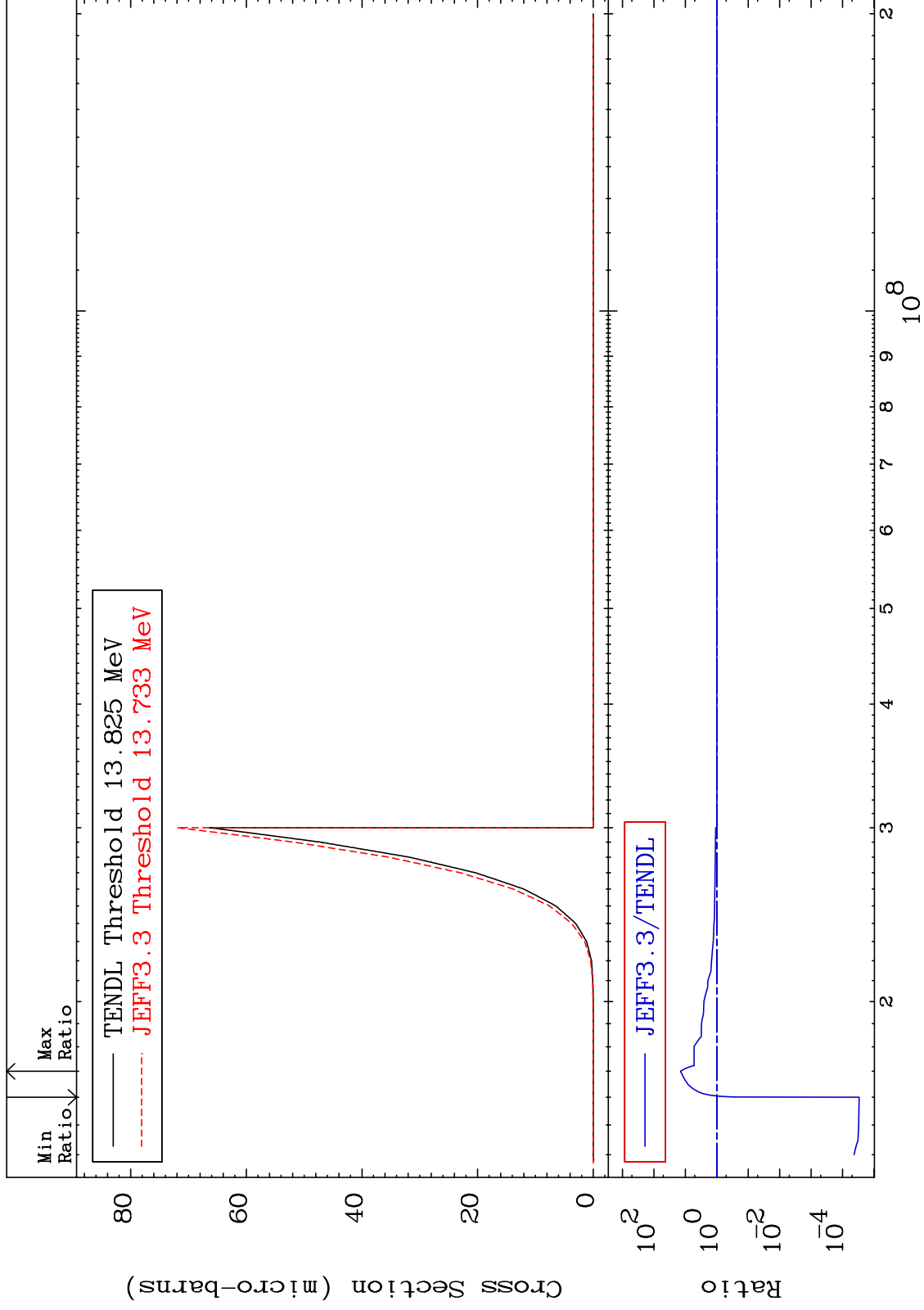
MAT 2125

(n,d) α

21-Sc-45

Cross Section

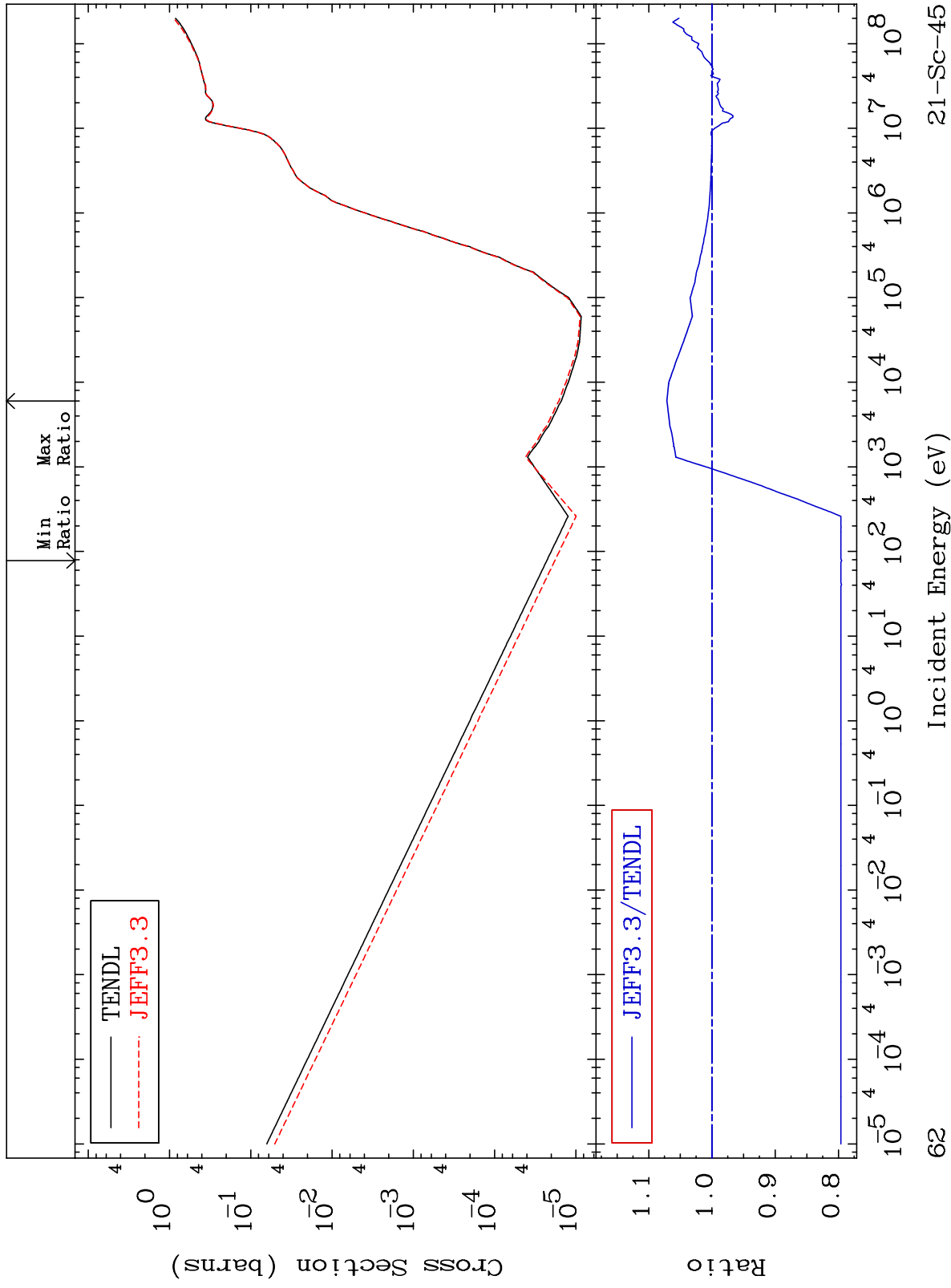
-100.0 To 1311. %



MAT 2125

Hydrogen Production
Cross Section

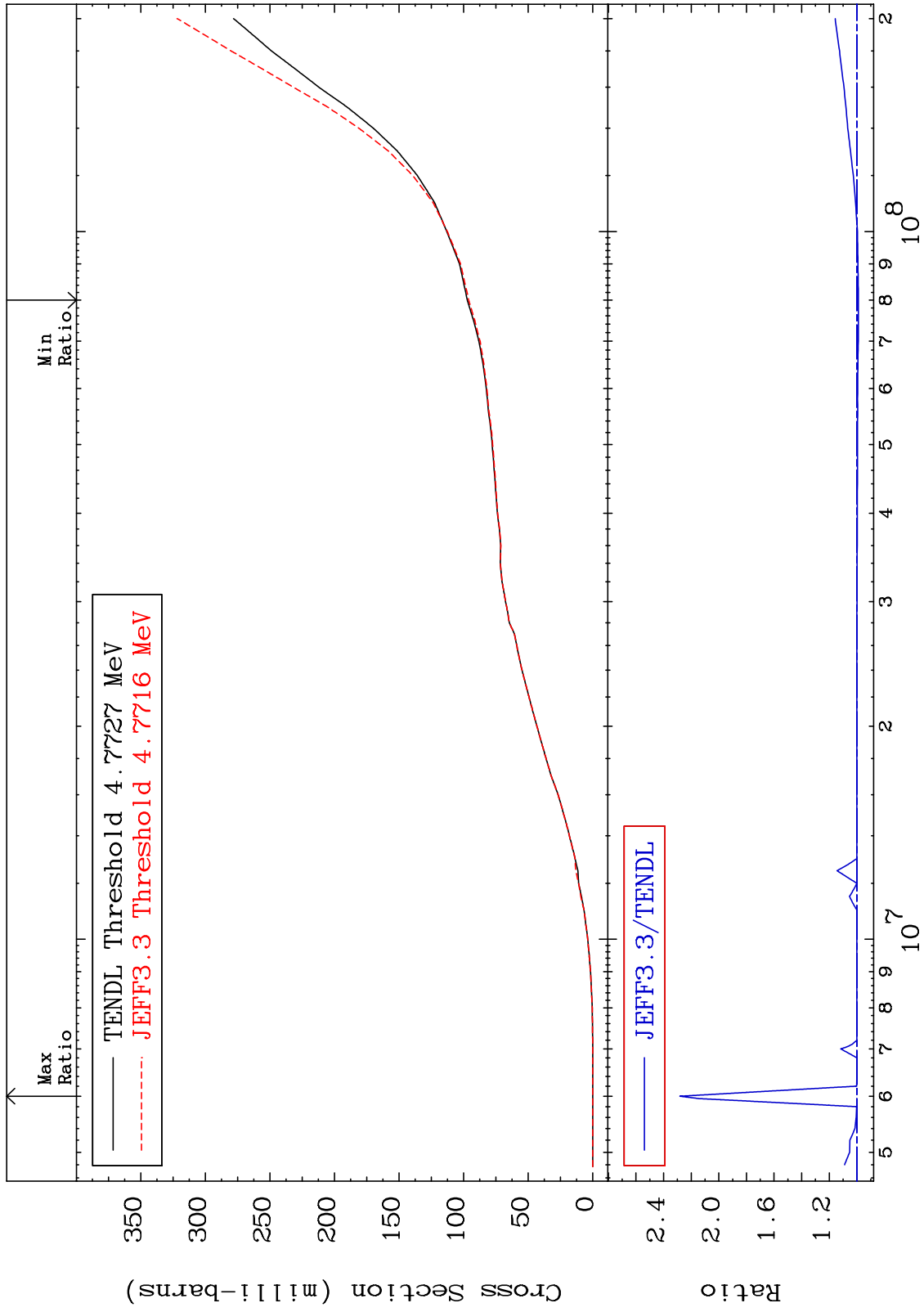
21-Sc-45
-20.53 To 7.132 %



MAT 2125

Deuterium Production
Cross Section

21-Sc-45
-1.102 To 128.1 %



63

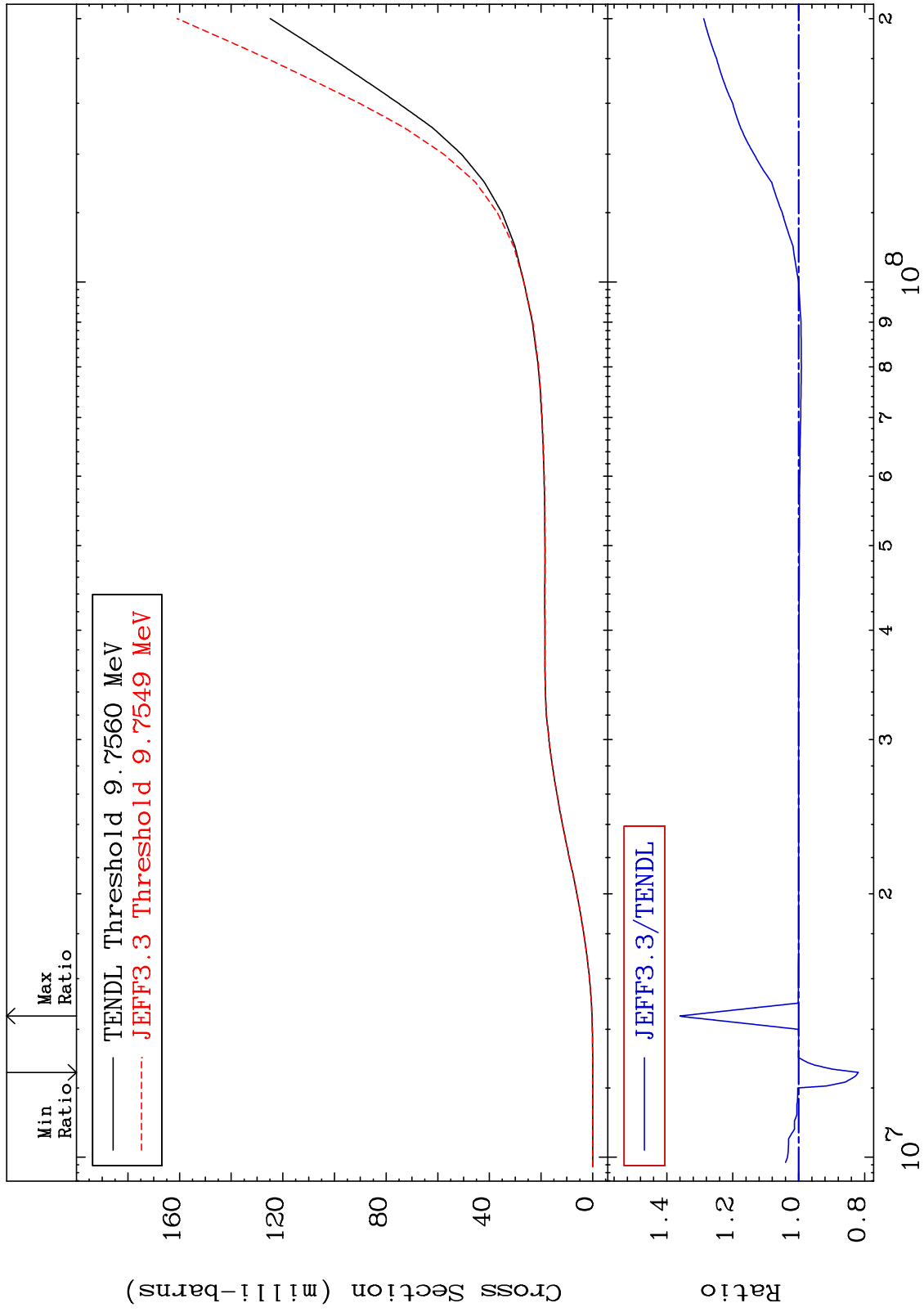
Incident Energy (eV)

21-Sc-45

MAT 2125

Tritium Production
Cross Section

21-Sc-45
-18.12 To 36.00 %



64

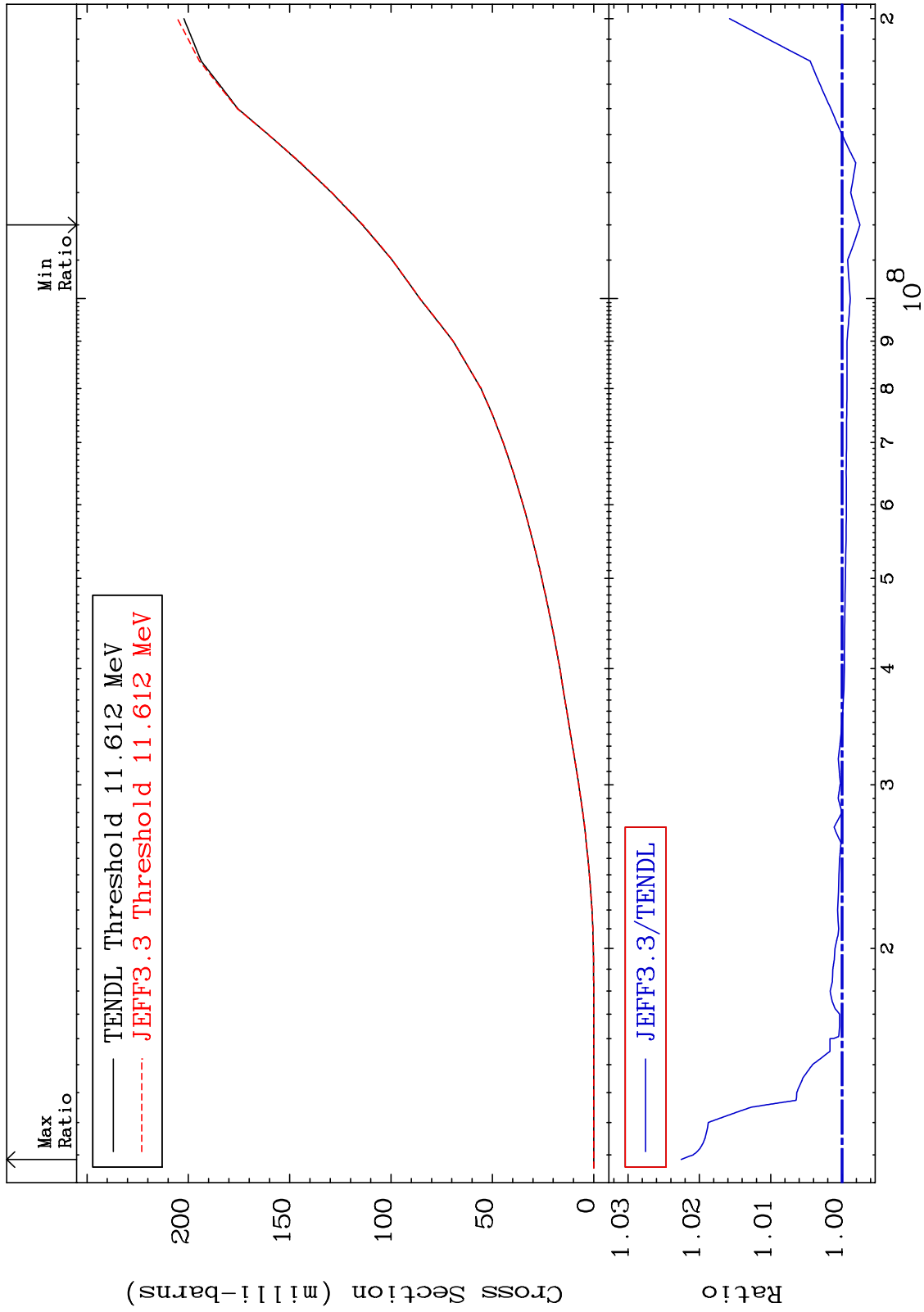
Incident Energy (eV)

21-Sc-45

MAT 2125

He-3 Production
Cross Section

21-Sc-45
-0.251 To 2.254 %



65

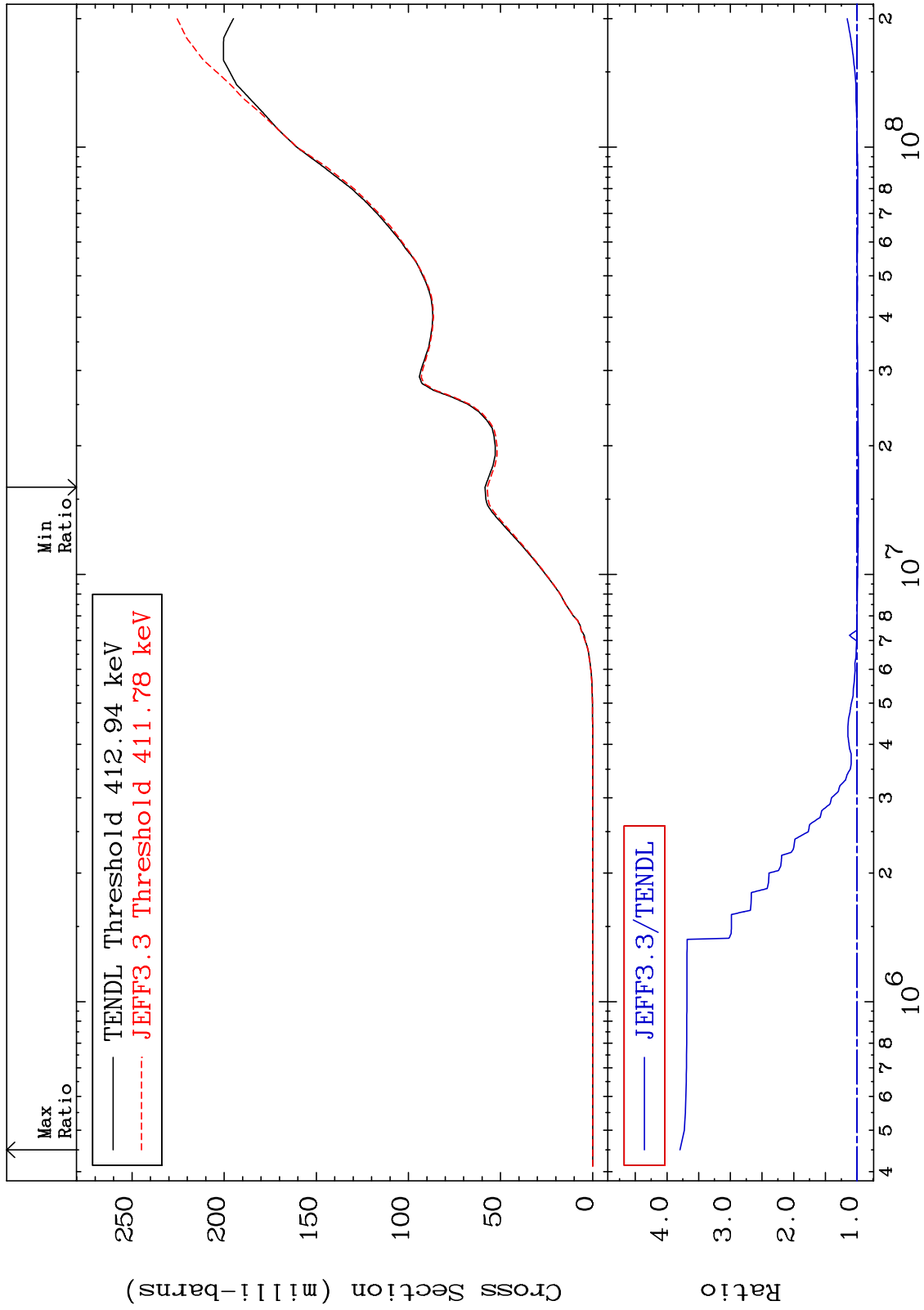
Incident Energy (eV)

21-Sc-45

MAT 2125

He-4 Production
Cross Section

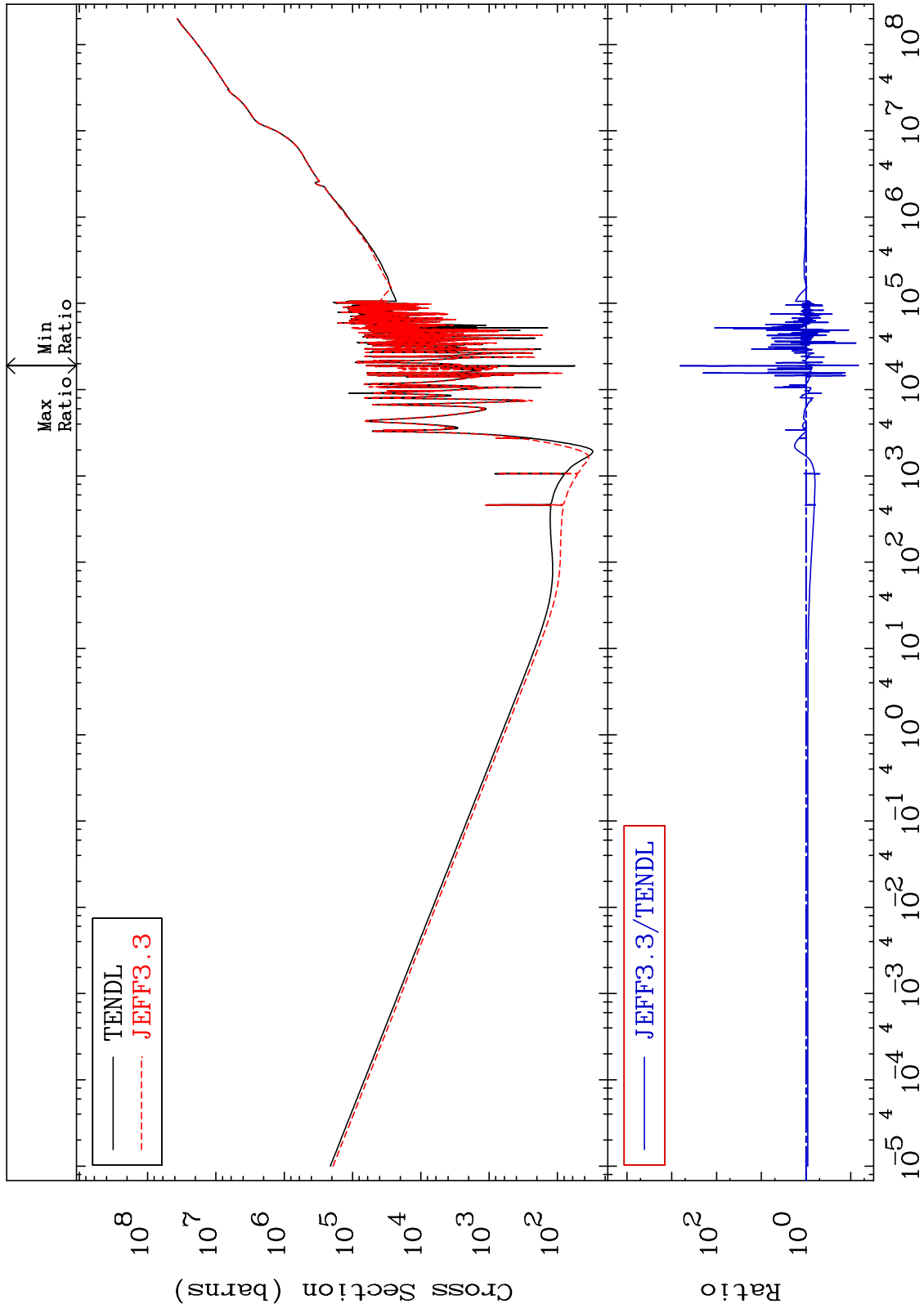
21-Sc-45
-2.051 To 279.4 %



MAT 2125

Kerma total (eV-barns)
Cross Section

21-Sc-45
-93.25 To 9999. %



67

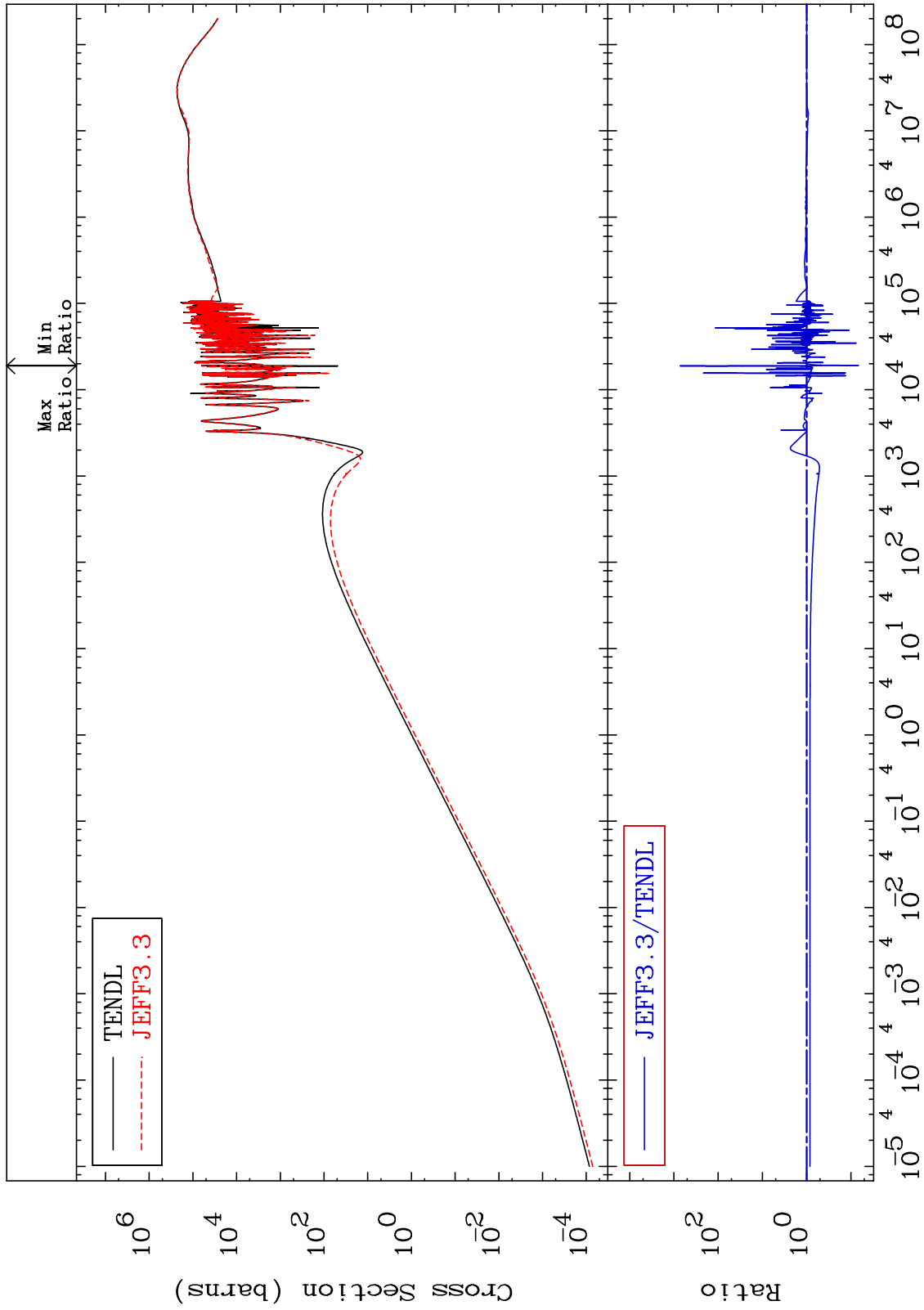
Incident Energy (eV)

21-Sc-45

MAT 2125

Kerma elastic
Cross Section

21-Sc-45
-93.25 To 9999. %



68

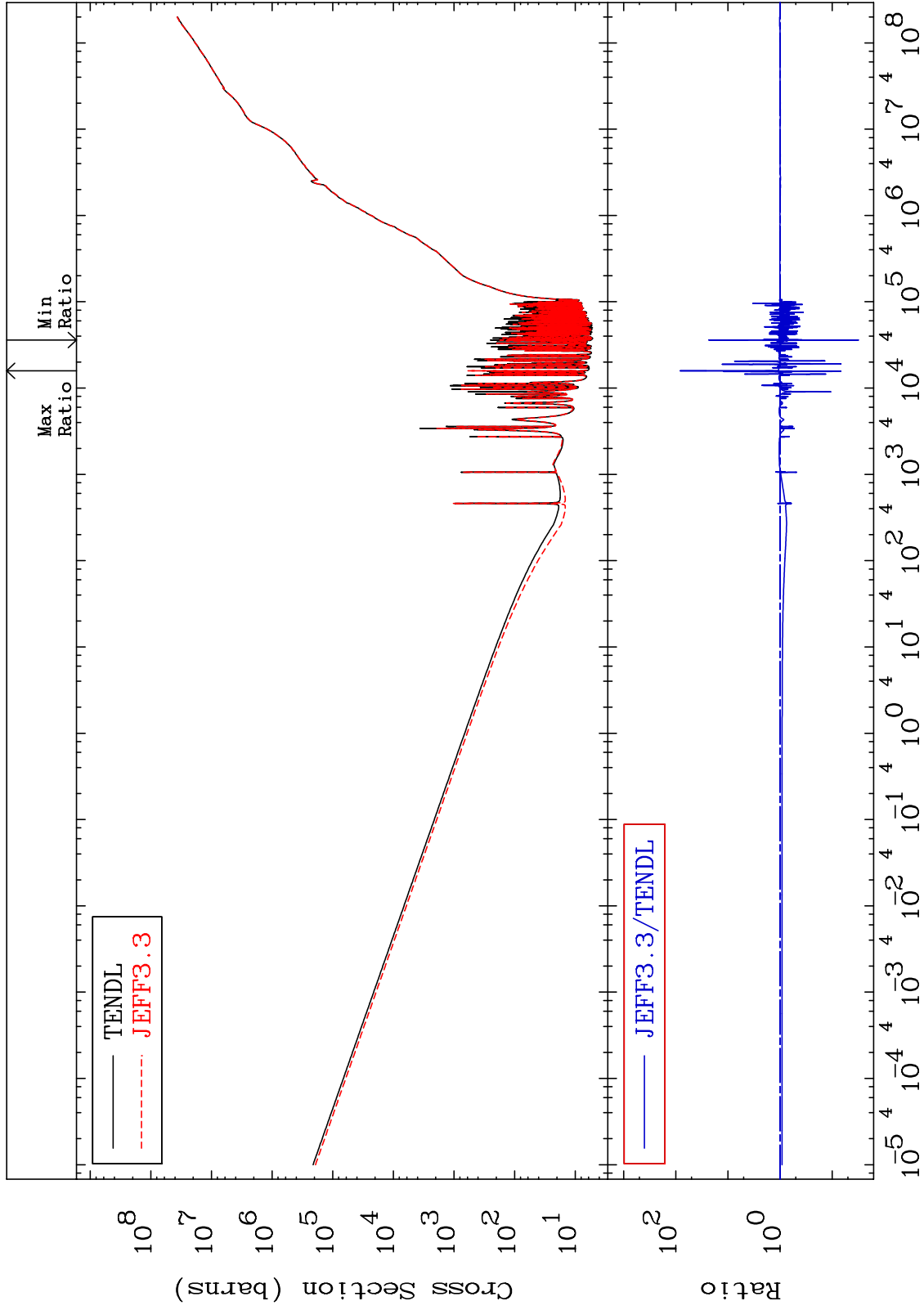
Incident Energy (eV)

21-Sc-45

MAT 2125

Kerma non-elastic (all but mt2)
Cross Section

21-Sc-45
-96.87 To 8188. %



69

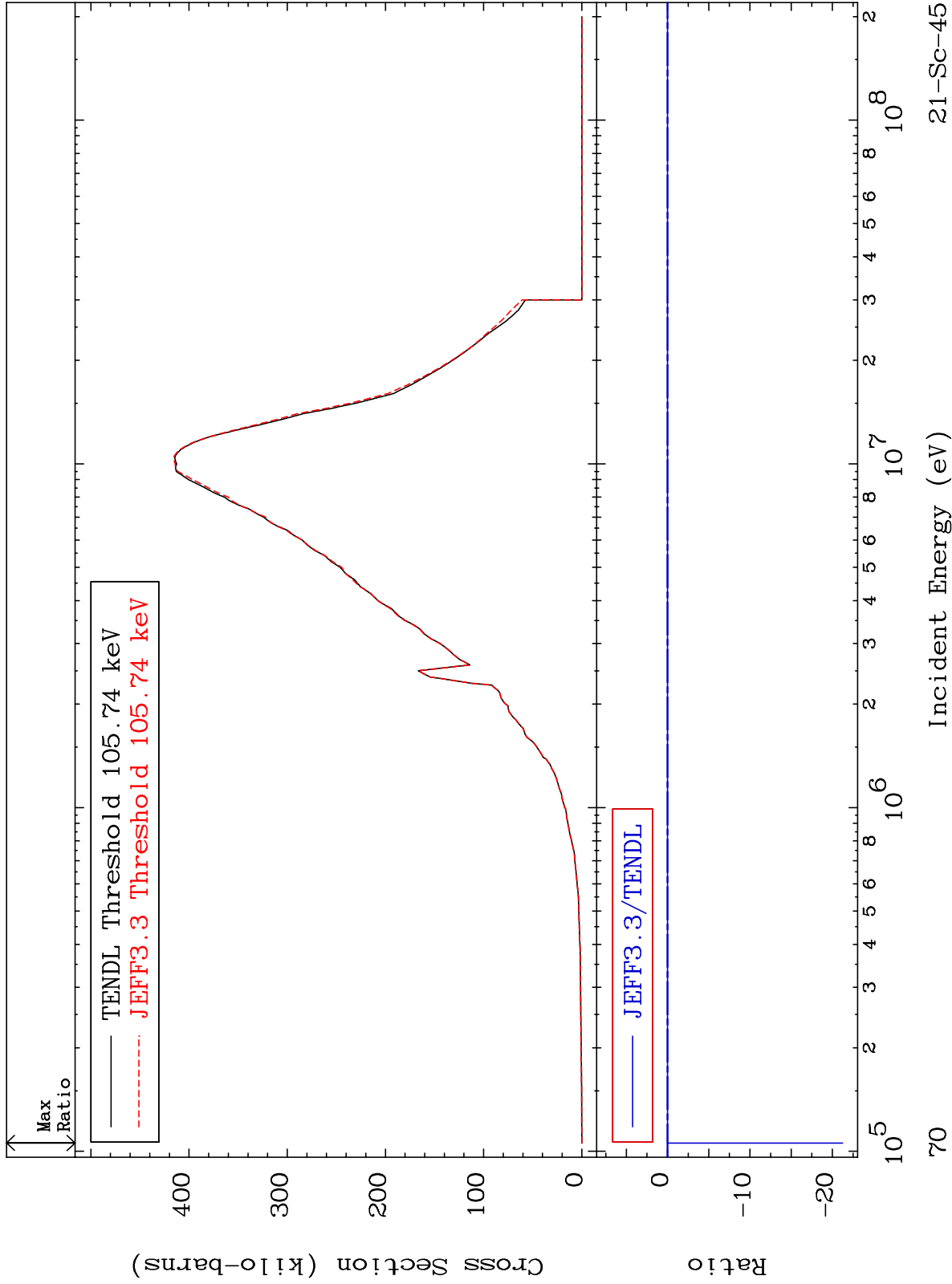
Incident Energy (eV)

21-Sc-45

MAT 2125

Kerma inelastic (mt51-91)
Cross Section

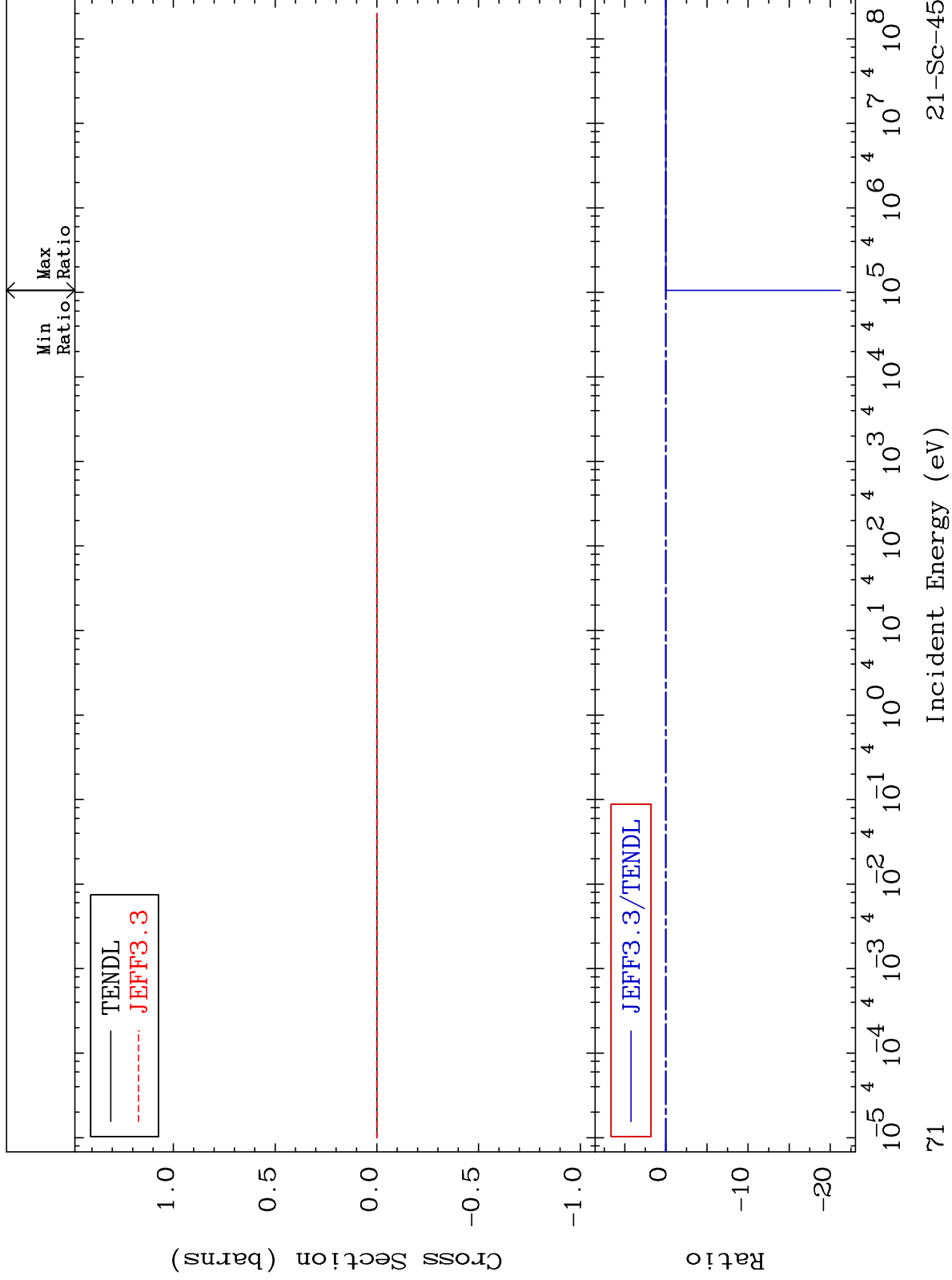
21-Sc-45
-9999. To 1447. %



MAT 2125

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

21-Sc-45
-9999. To 1447. %



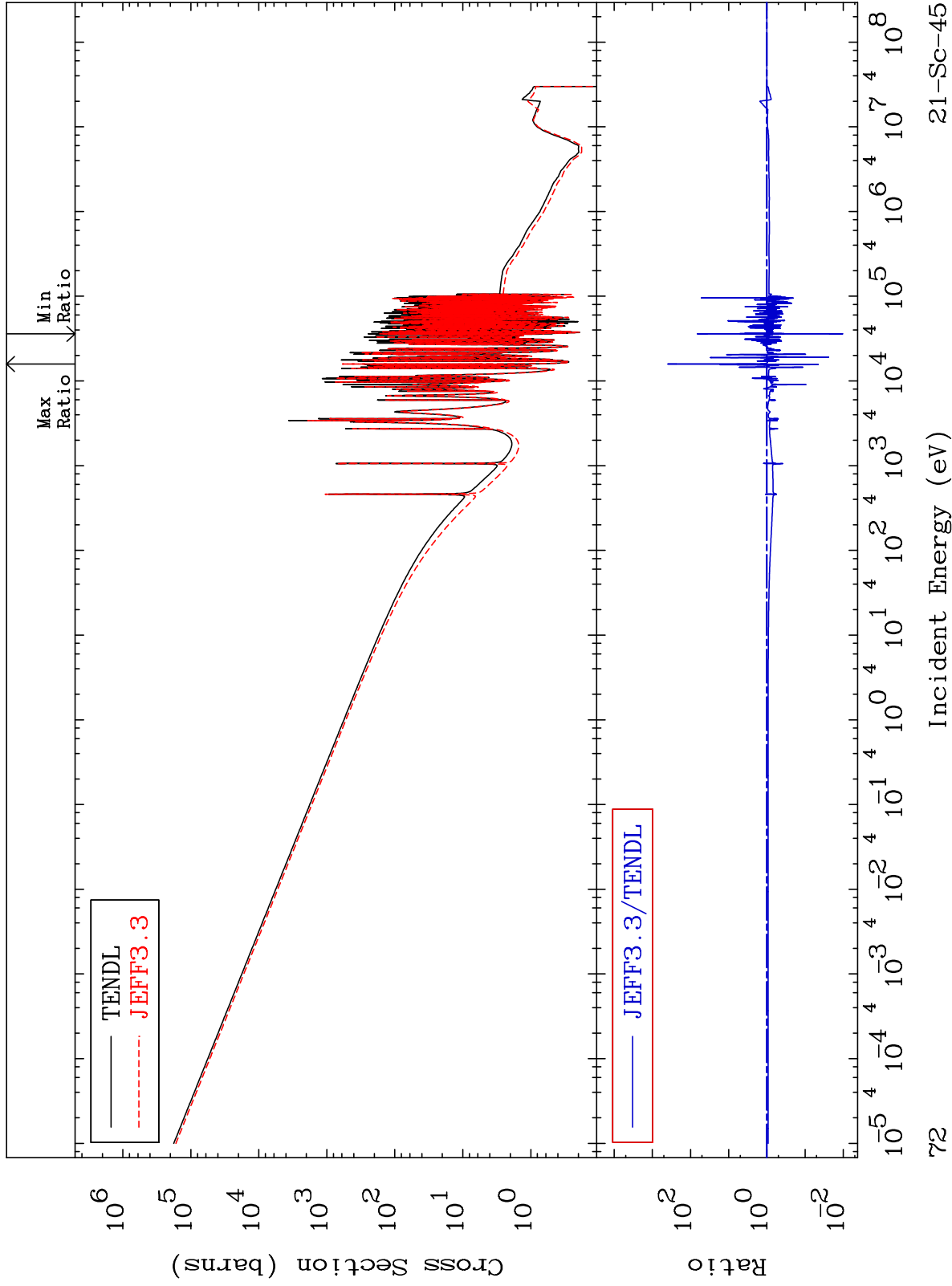
71

21-Sc-45

MAT 2125

Kerma capture (mt102)
Cross Section

21-Sc-45
-98.96 To 9999. %



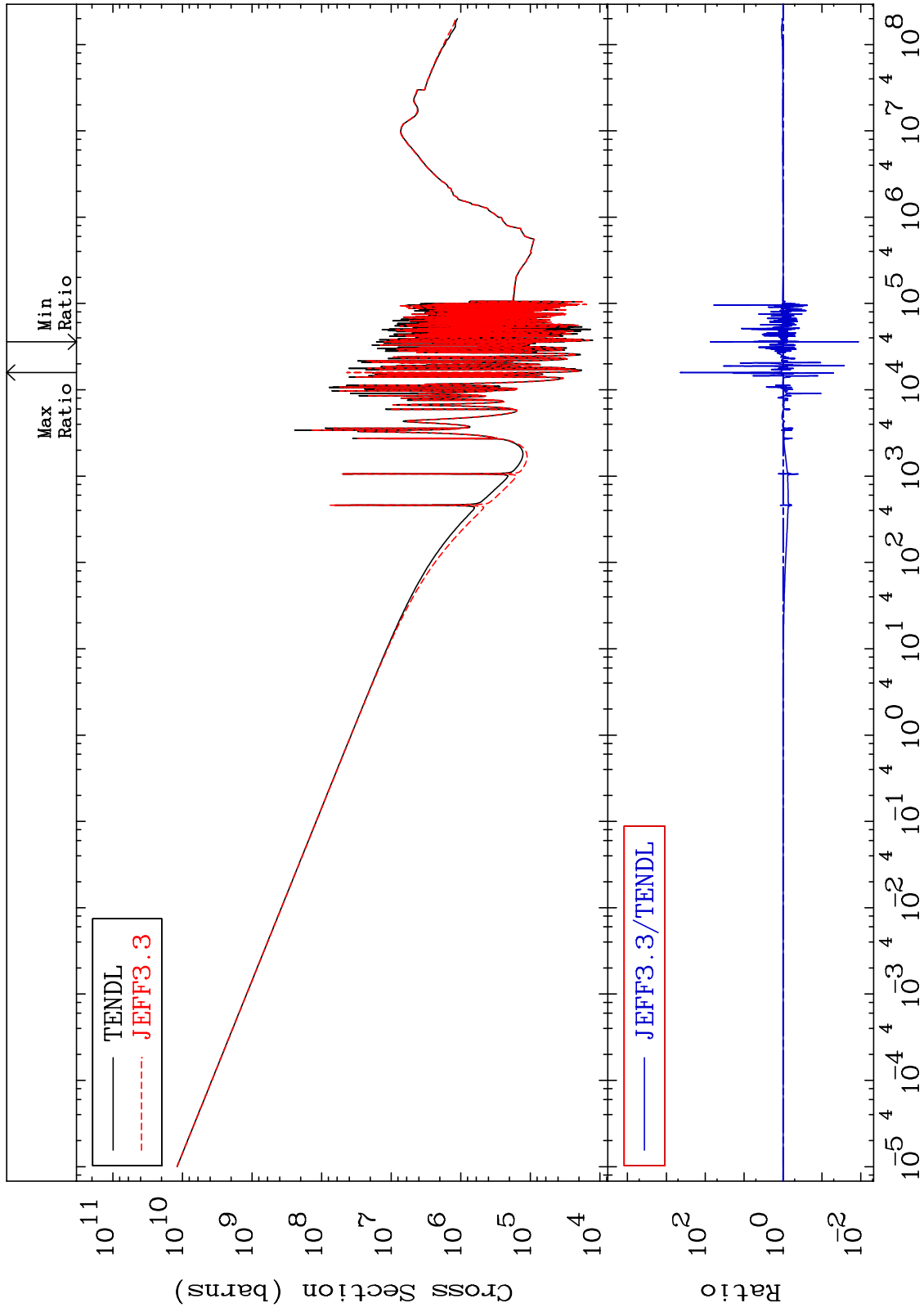
72

21-Sc-45

MAT 2125

Total photon (eV-barns)
Cross Section

21-Sc-45
-98.85 To 9999. %



73

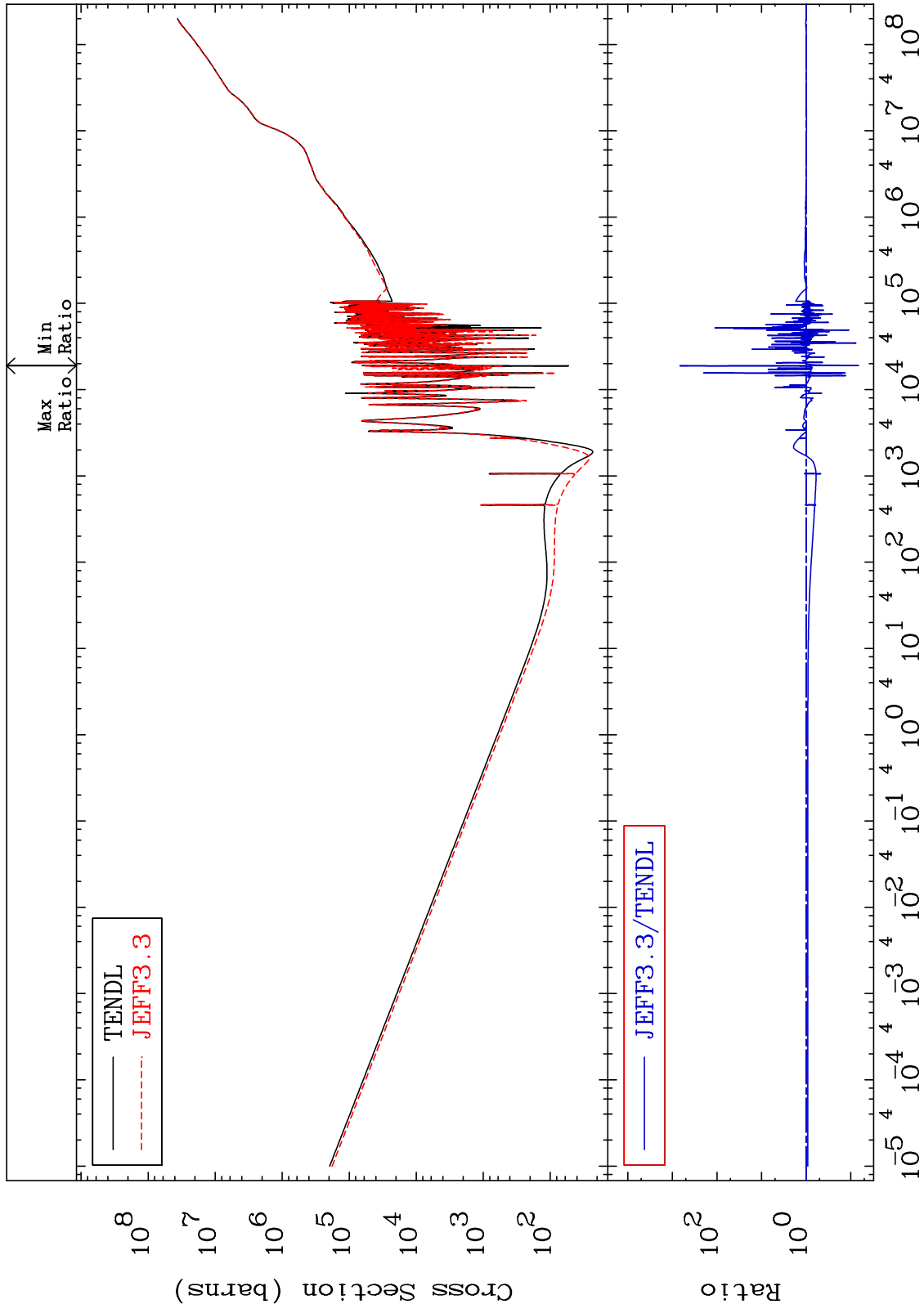
Incident Energy (eV)

21-Sc-45

MAT 2125

Total kinematic kerma (high limit)
Cross Section

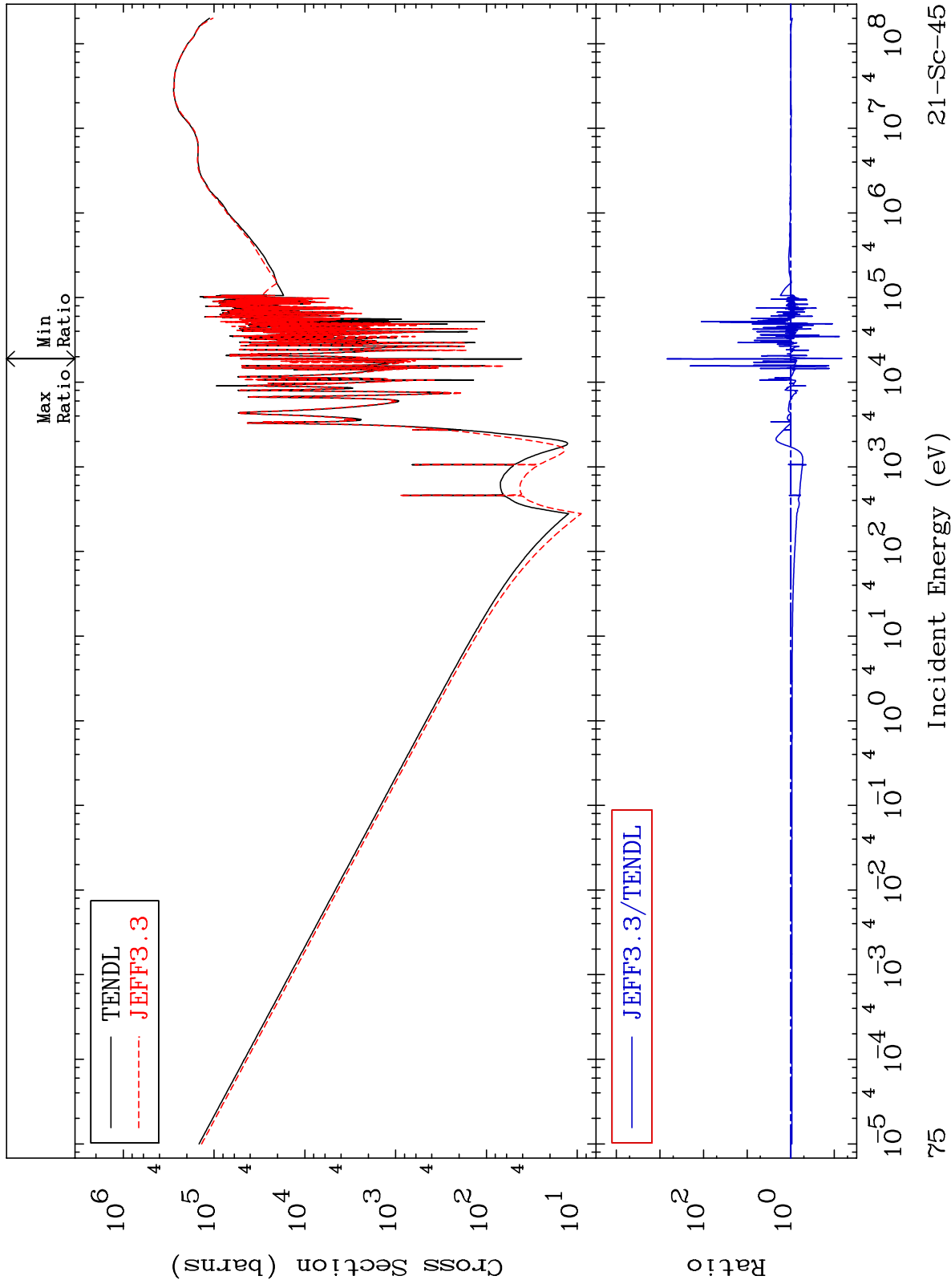
21-Sc-45
-93.25 To 9999. %



MAT 2125

Dpa total (eV-barns)
Cross Section

21-Sc-45
-93.25 To 9999. %



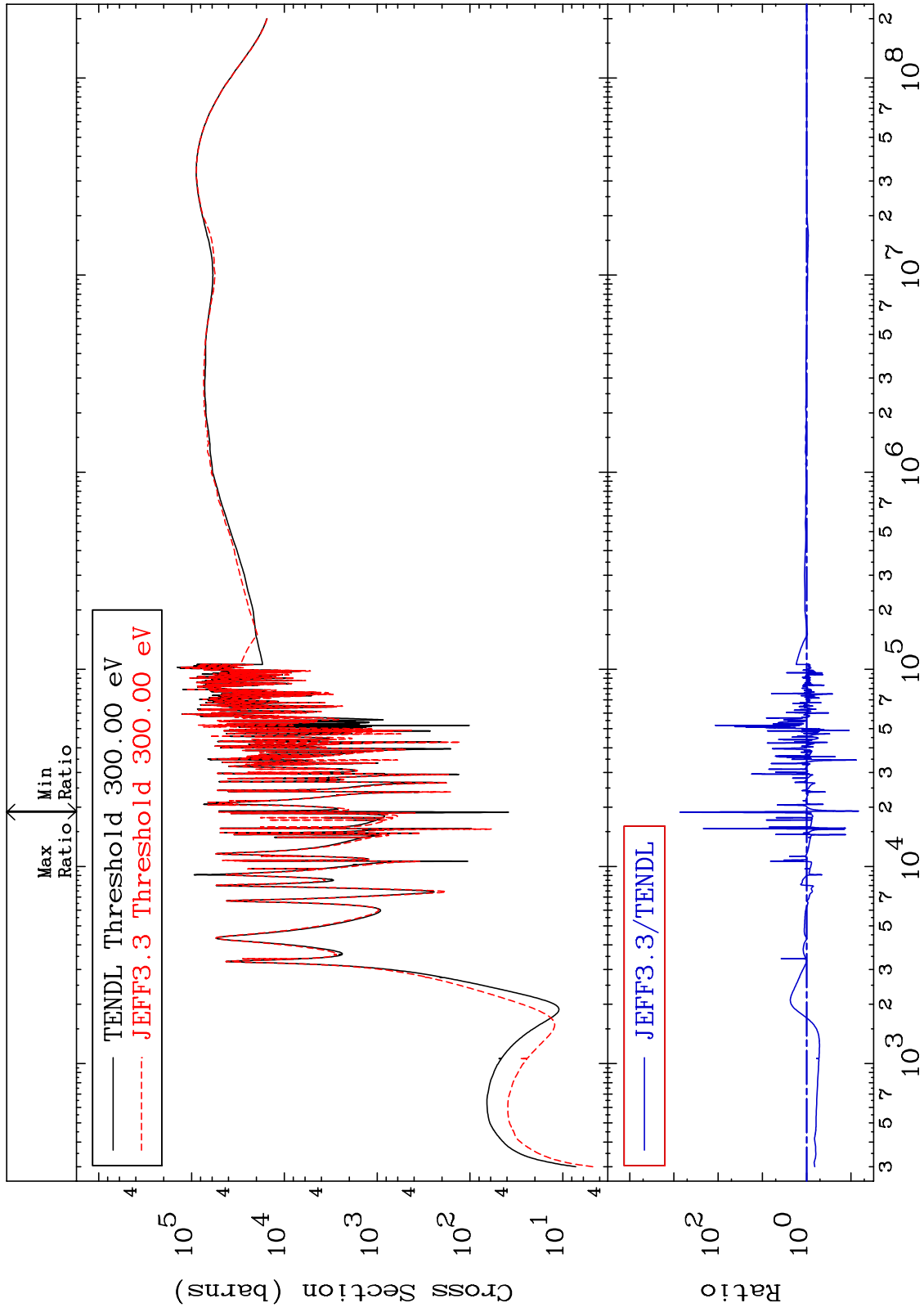
75

21-Sc-45

MAT 2125

Dpa elastic (mt2)
Cross Section

21-Sc-45
-93.25 To 9999. %



76

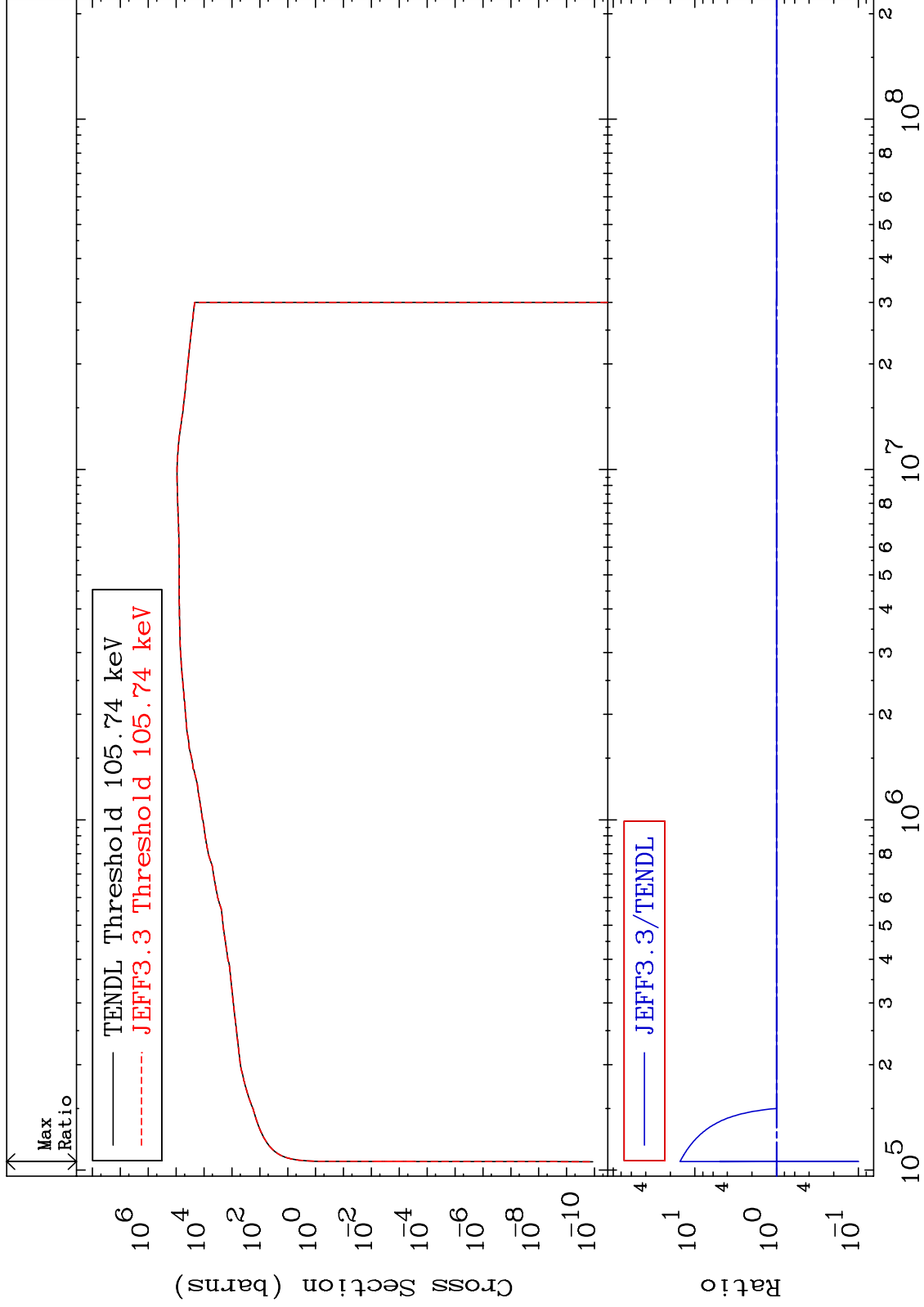
Incident Energy (eV)

21-Sc-45

MAT 2125

Dpa inelastic (mt51-91)
Cross Section

21-Sc-45
-90.04 To 1420. %



77

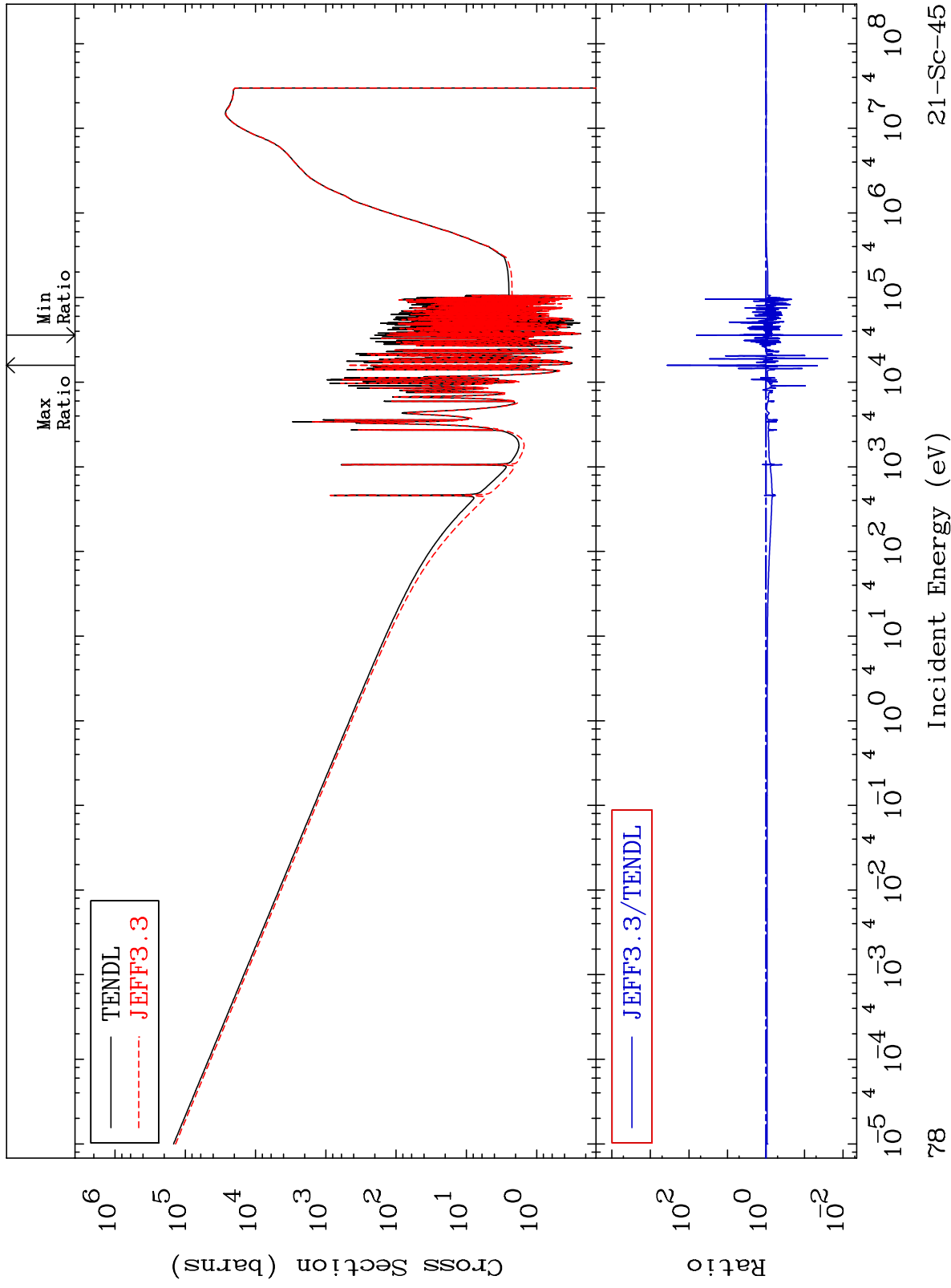
Incident Energy (eV)

21-Sc-45

MAT 2125

Dpa disappearance (mt102 -120)
Cross Section

21-Sc-45
-98.92 To 9999. %



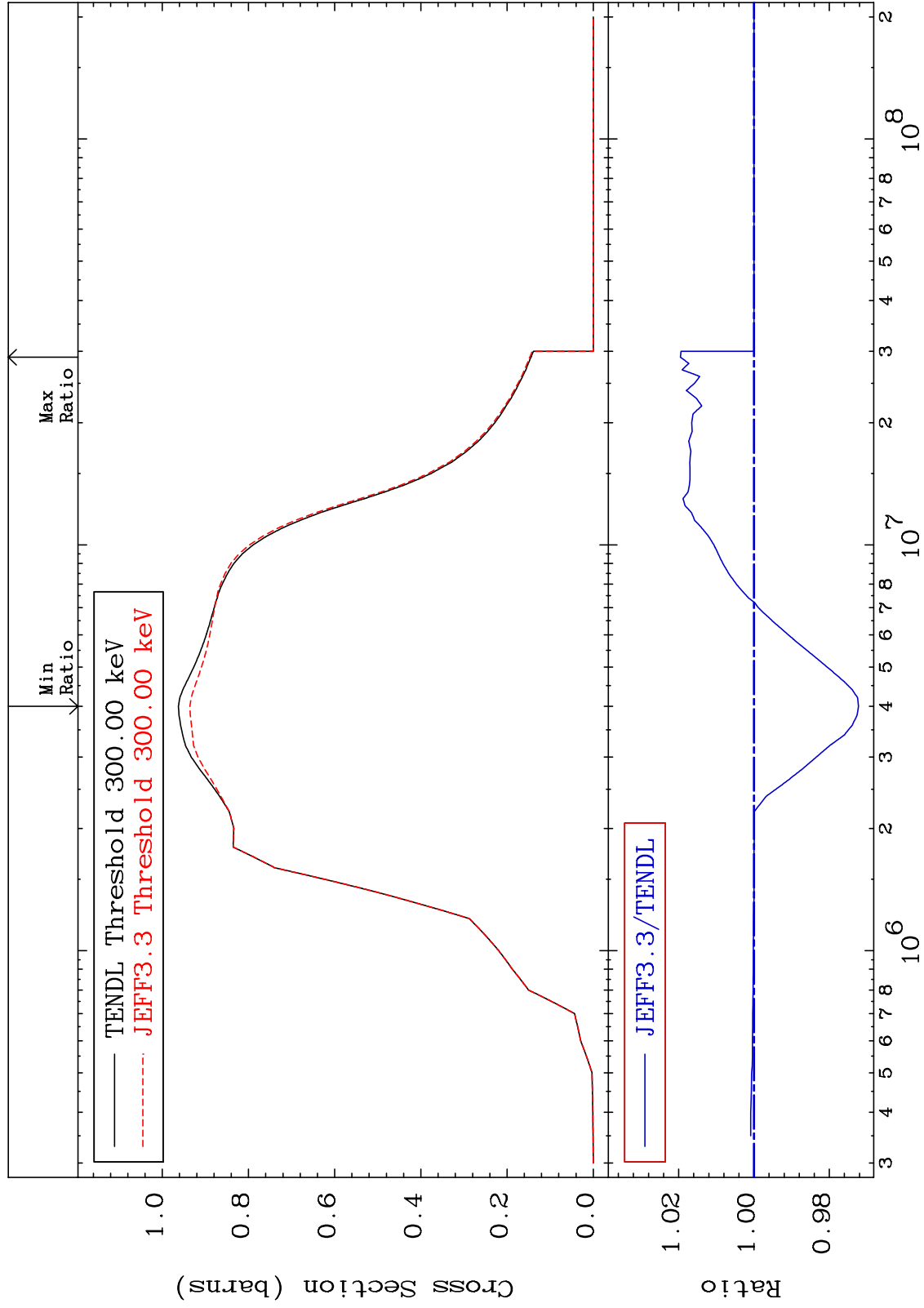
78

21-Sc-45

MAT 2125

Inelastic:21-Sc-45g
Radionuclide Production Cross Section -2.774 To 1.953 %

21-Sc-45



79

Incident Energy (eV)

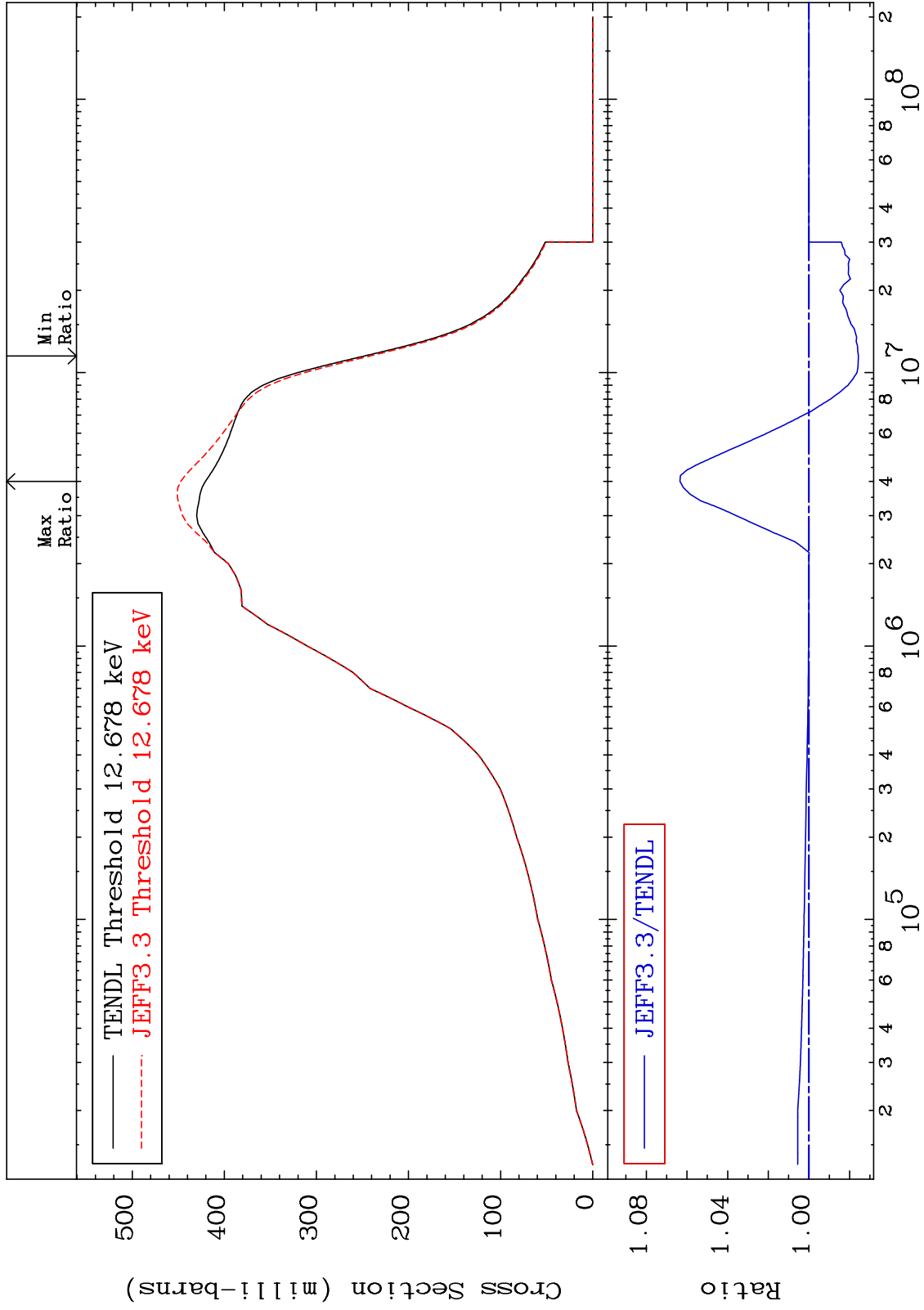
21-Sc-45

MAT 2125

Inelastic:21-Sc-45m1

21-Sc-45

Radionuclide Production Cross Section -2.432 To 6.341 %

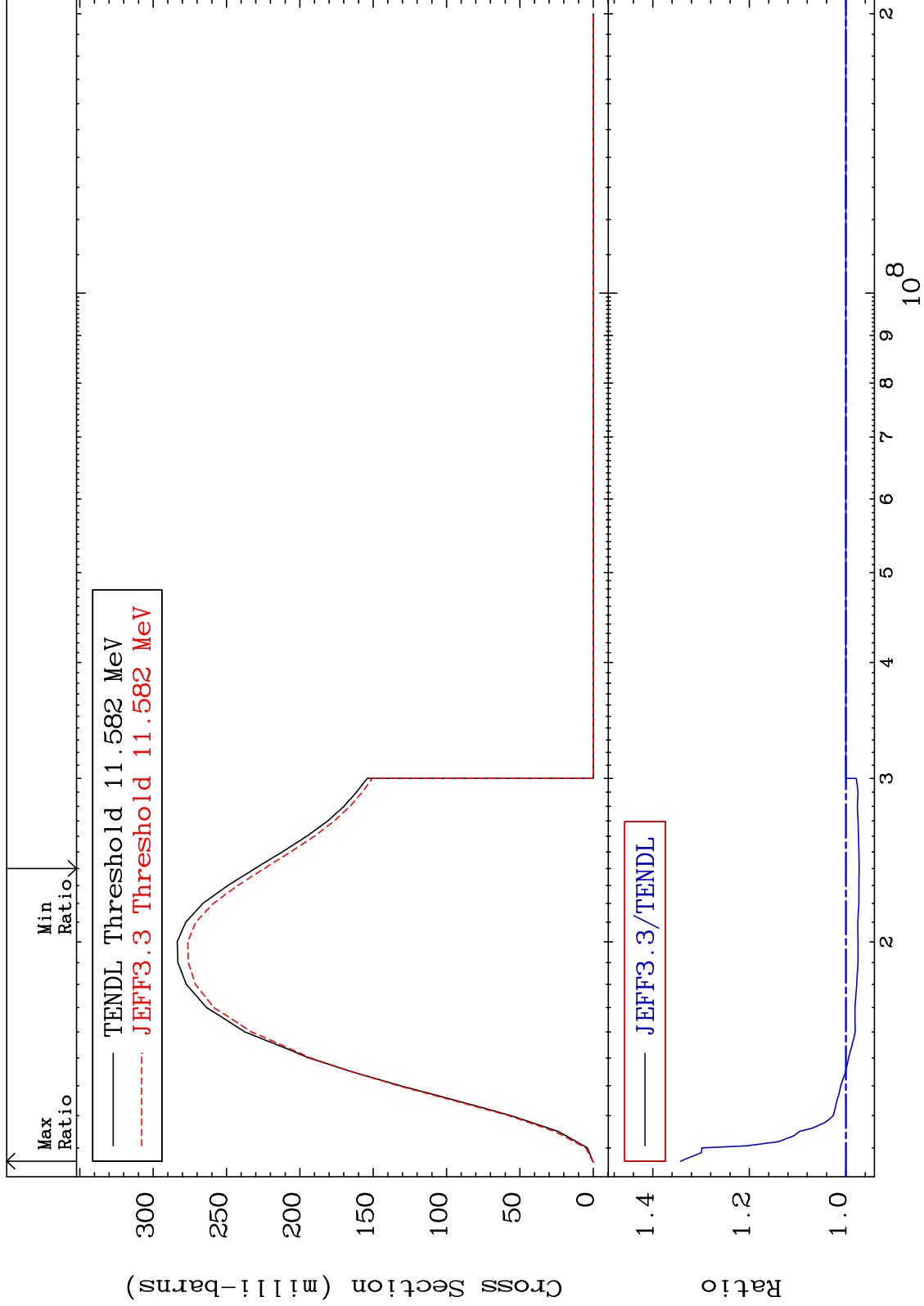


80

Incident Energy (eV)

21-Sc-45

Radionuclide Production Cross Section -2.753 To 34.23 %

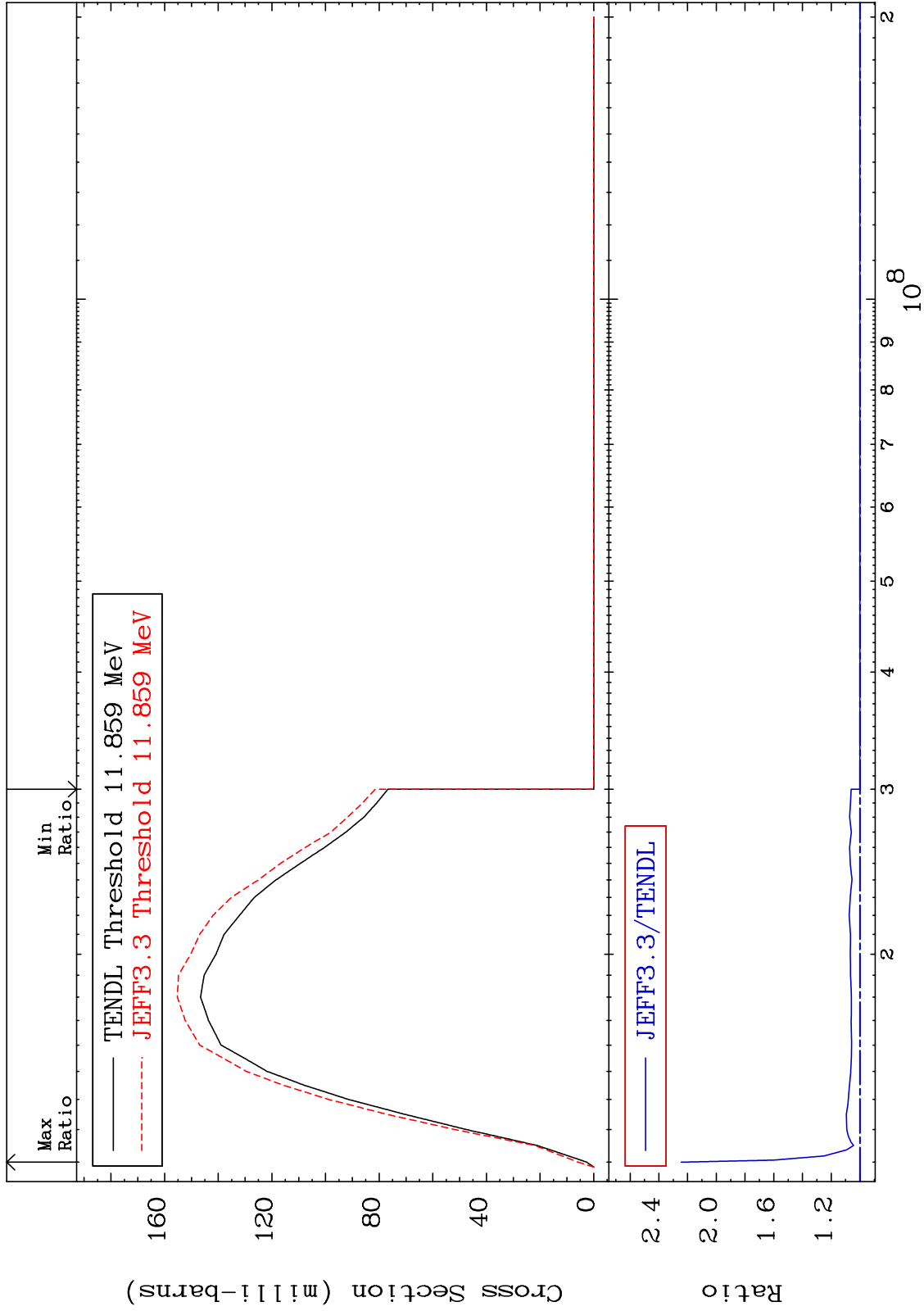


MAT 2125

(n,2n):21-Sc-44m4

21-Sc-45

Radionuclide Production Cross Section 0.000 To 124.4 %

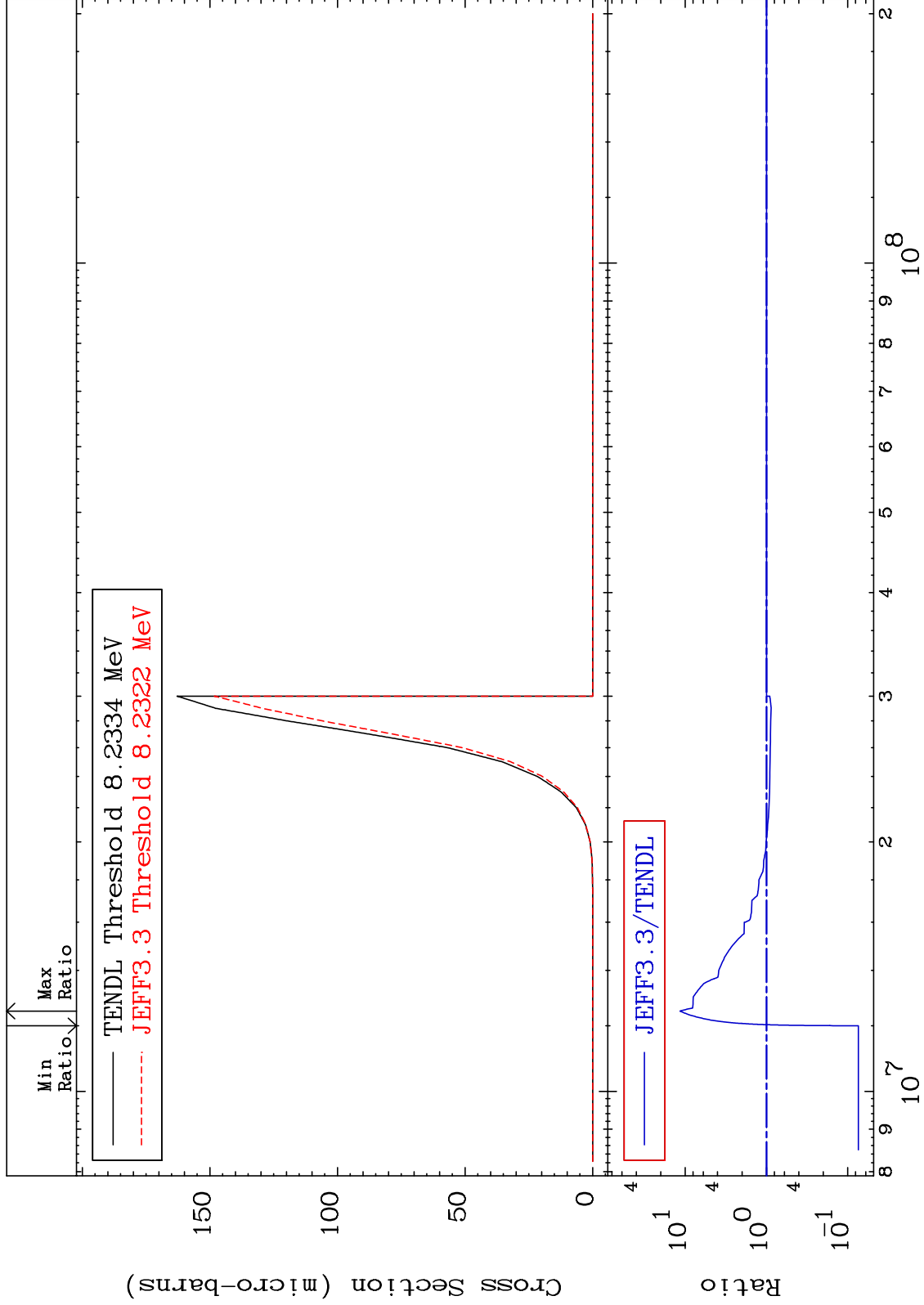


MAT 2125

(n,2α) : 17-Cl-38g

21-Sc-45

Radionuclide Production Cross Section -92.61 To 1059. %



83

Incident Energy (eV)

21-Sc-45

Radionuclide Production Cross Section -19.24 To 727.2 %

