

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

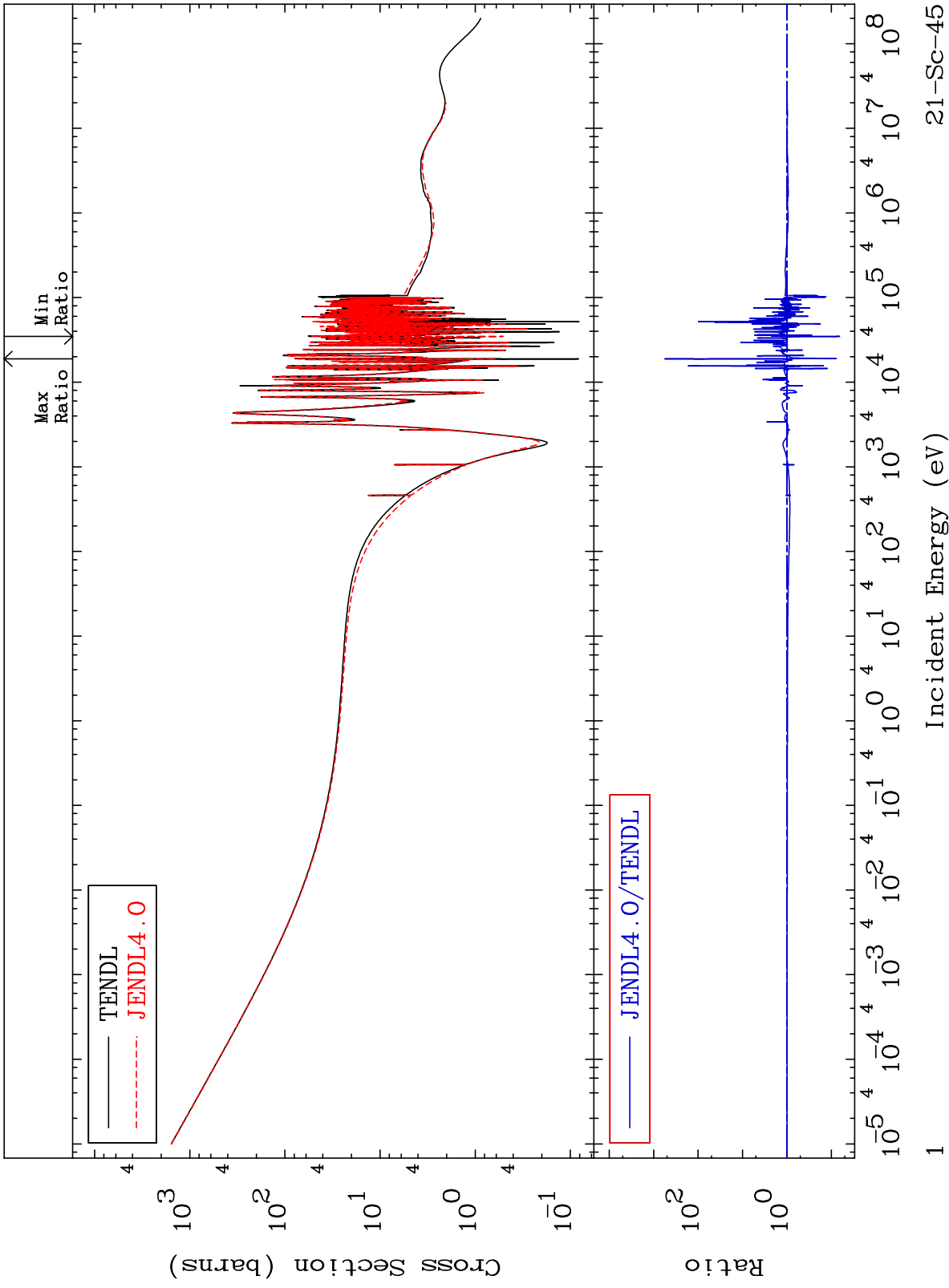
MAT 2125

Total

21-Sc-45

Cross Section

-93.52 To 9999. %



Incident Energy (eV)

21-Sc-45

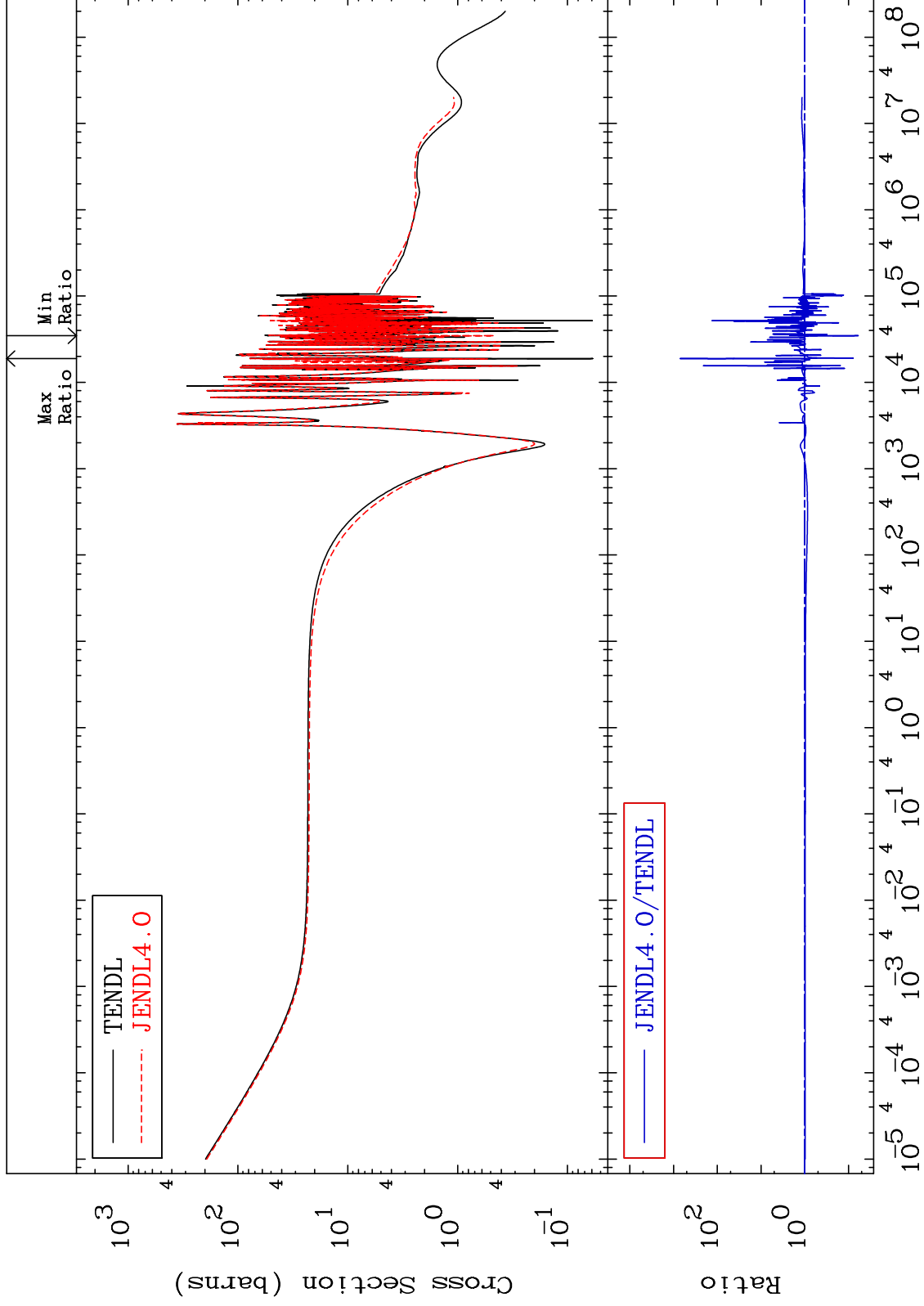
MAT 2125

Elastic

Cross Section

21-Sc-45

-94.07 To 9999. %



Incident Energy (eV)

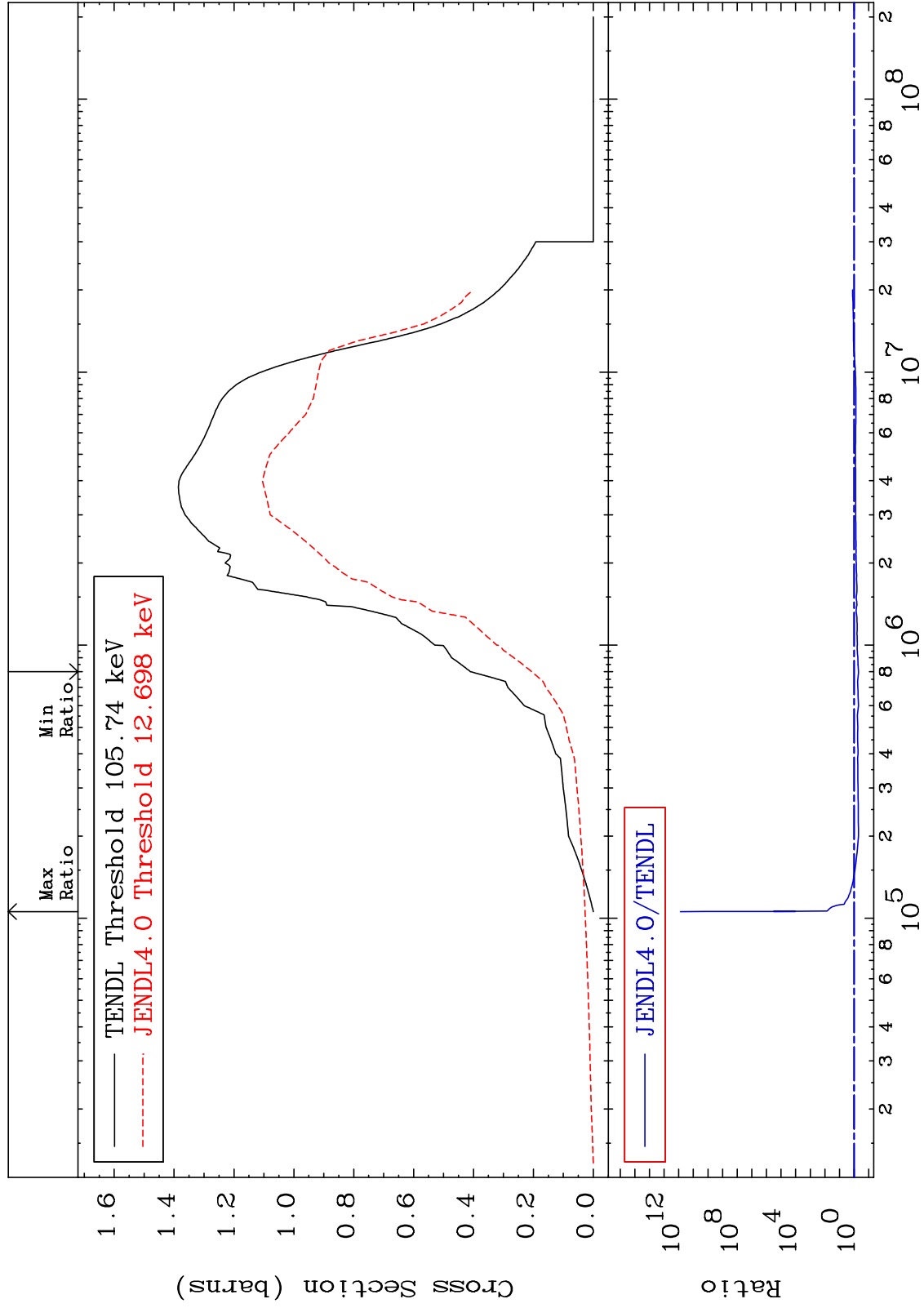
21-Sc-45

2

MAT 2125

Inelastic
Cross Section

21-Sc-45
-49.84 To 9999. %



MAT 2125

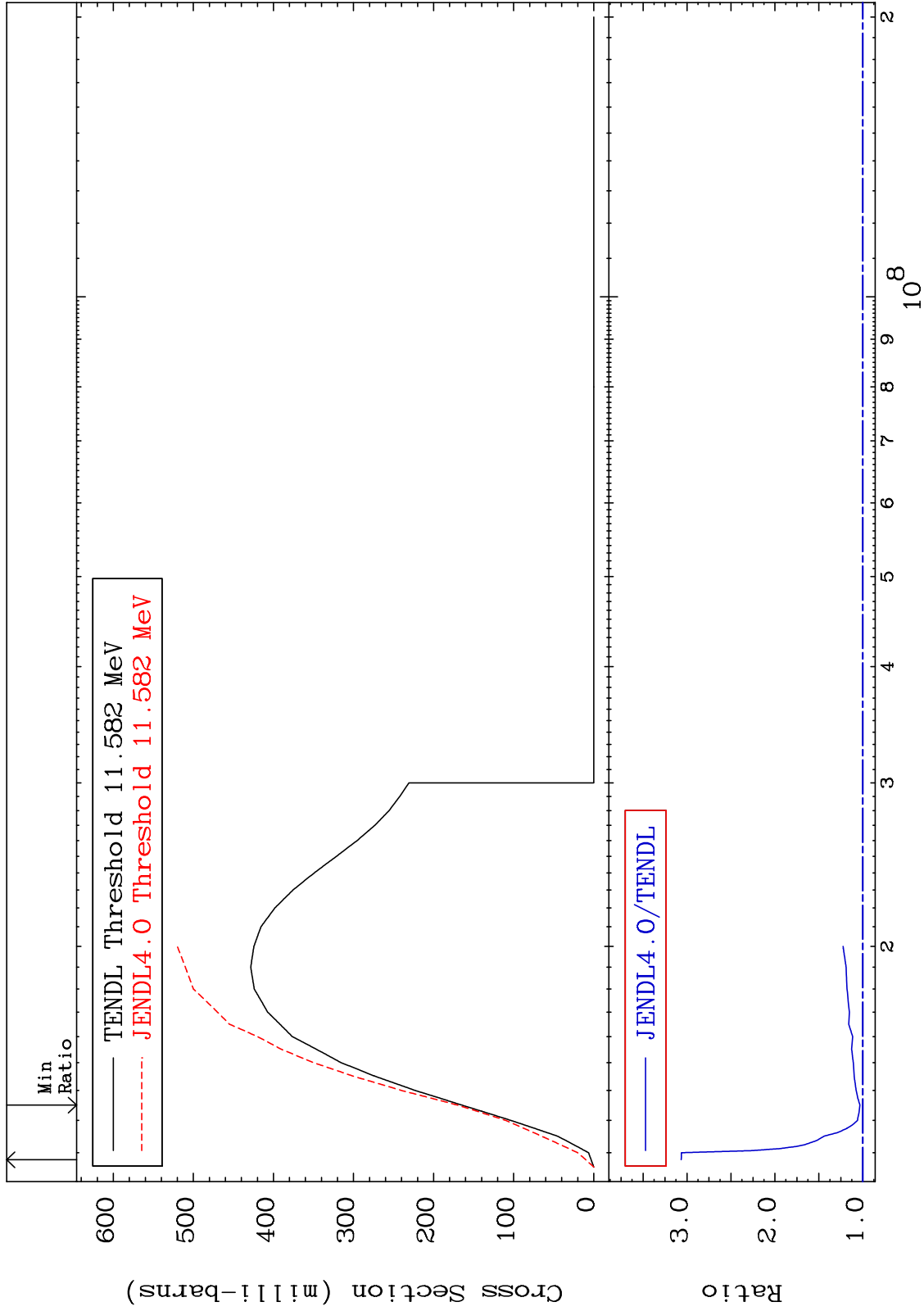
(n,2n)

21-Sc-45

Cross Section

3.297

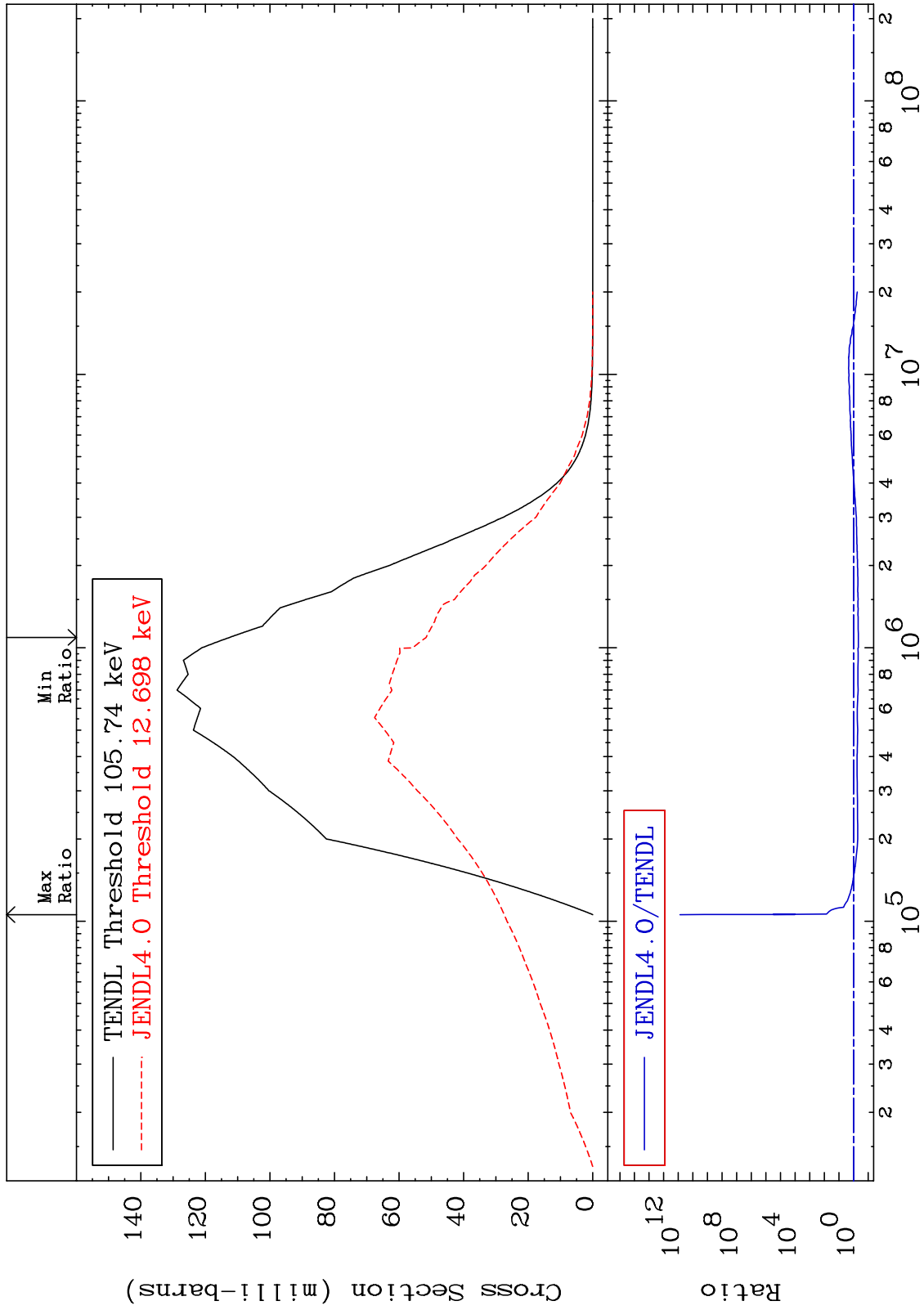
To 206.6 %



MAT 2125

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

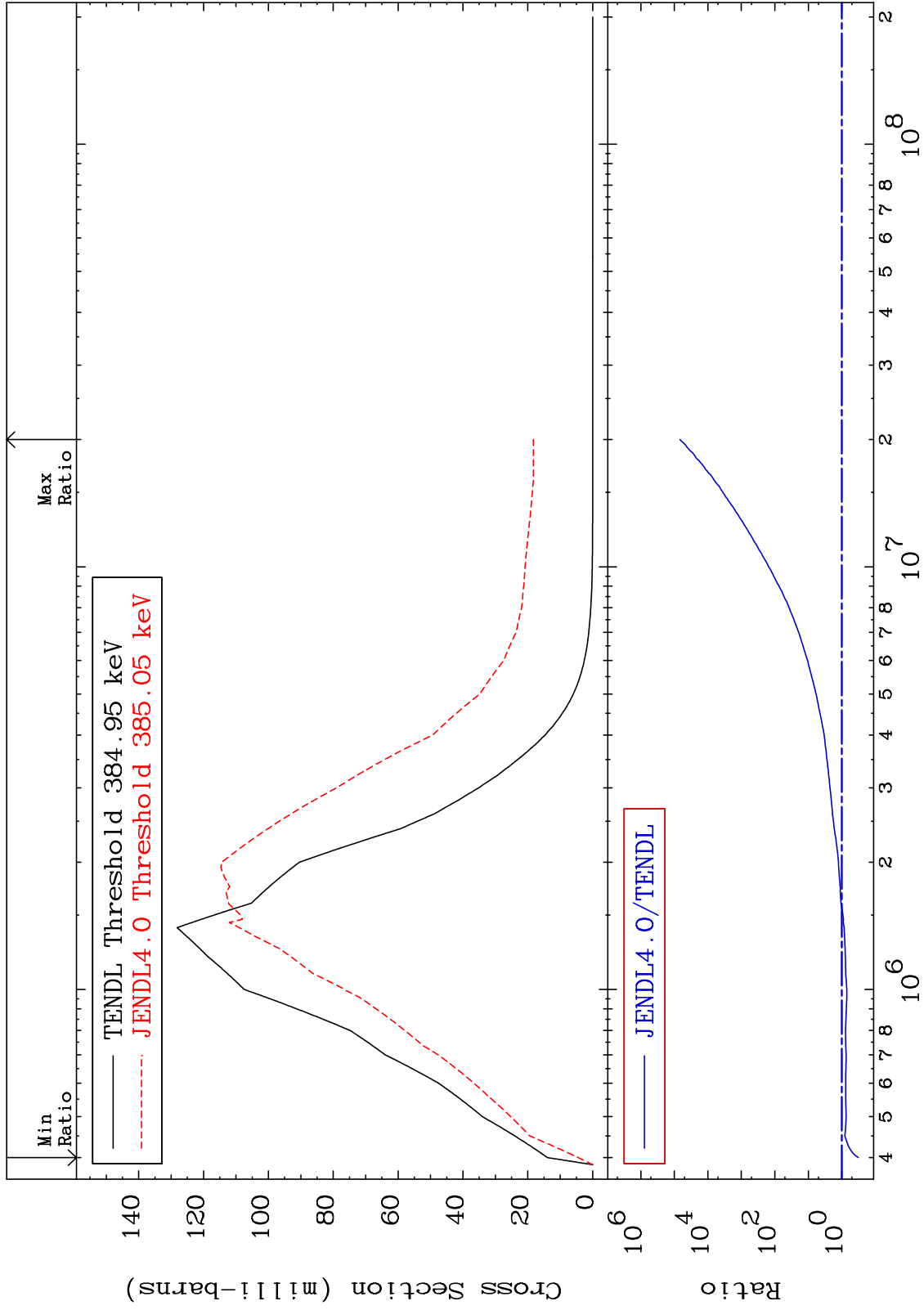
21-Sc-45
-54.12 To 9999. %



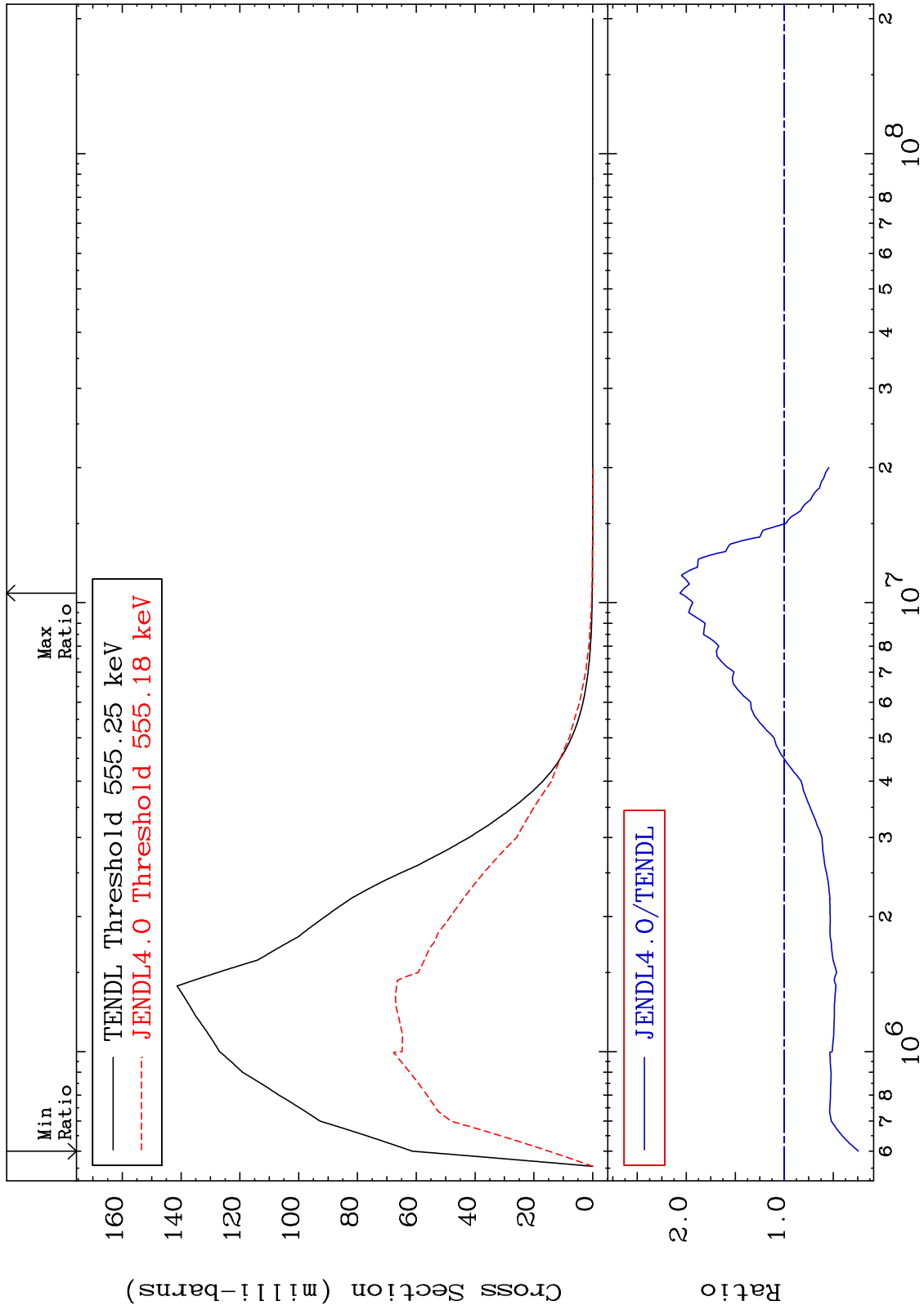
MAT 2125

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

21-Sc-45
-67.98 To 9999. %

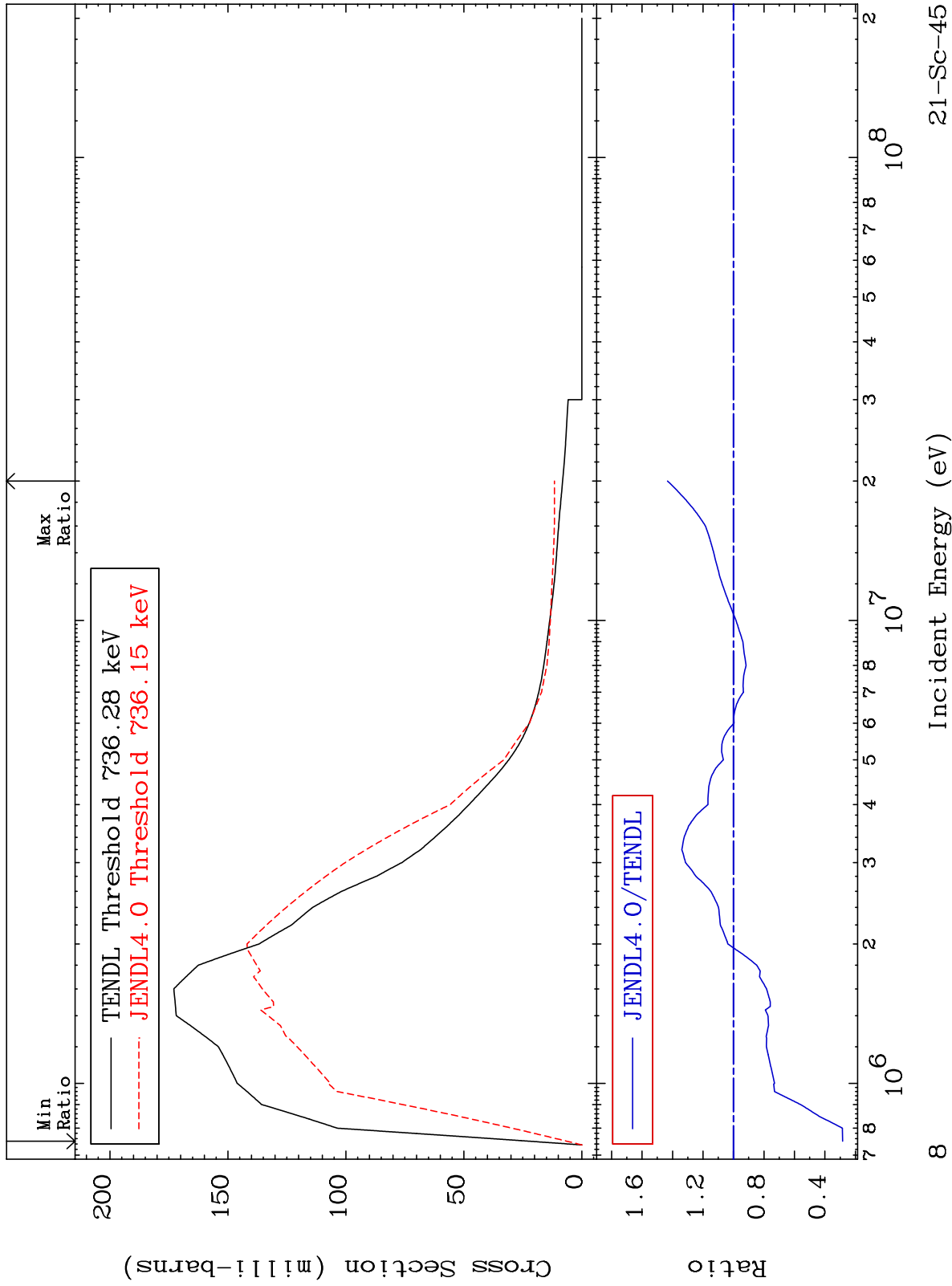


MAT 2125 MT= 53 (n, n') Level
Cross Section 21-Sc-45
-75.70 To 106.4 %



7 Incident Energy (eV) 21-Sc-45

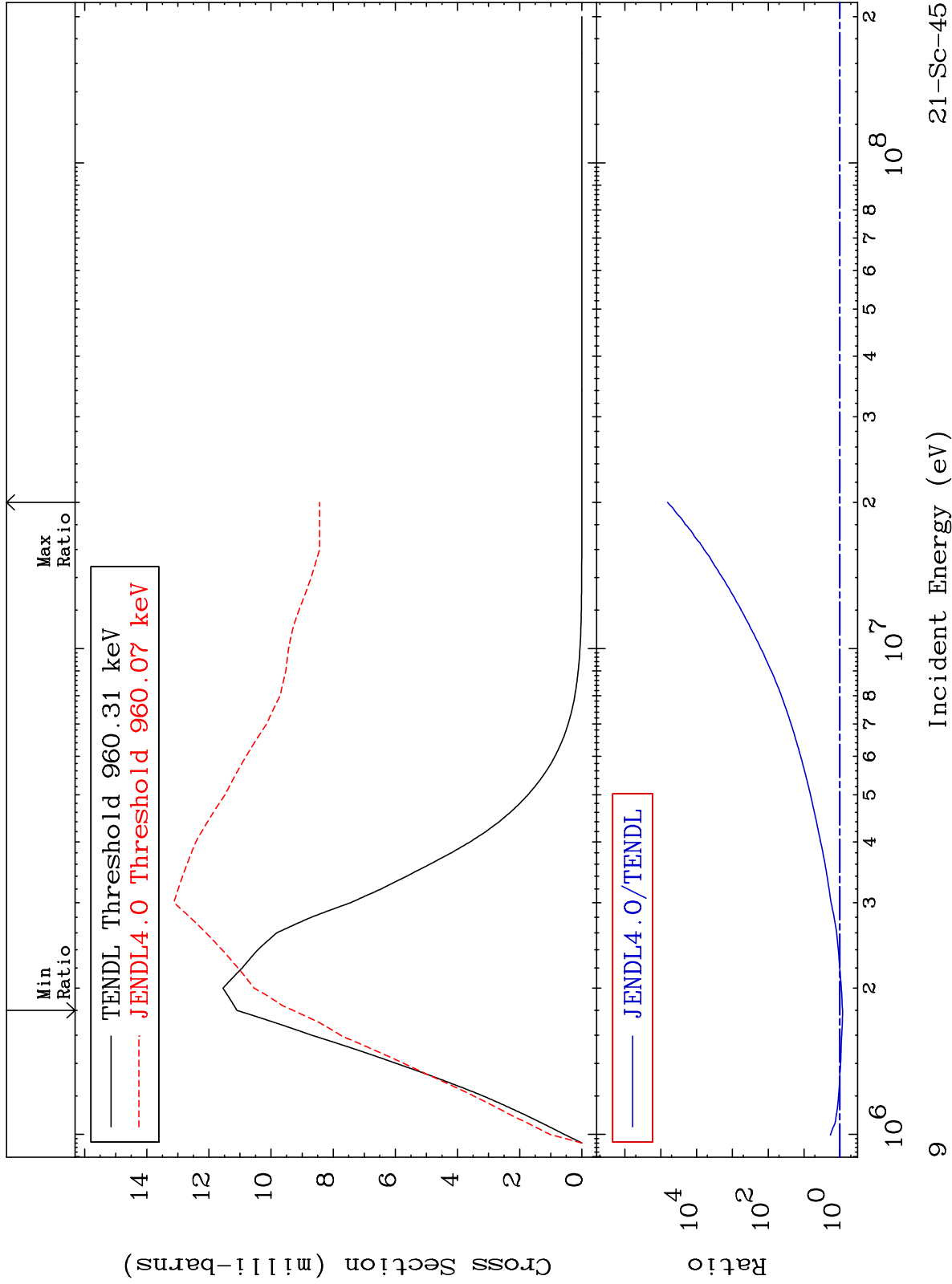
MAT 2125 MT= 54 (n,n') Level Cross Section -71.64 To 43.26 % 21-Sc-45



MAT 2125

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

21-Sc-45
-16.28 To 9999. %



21-Sc-45

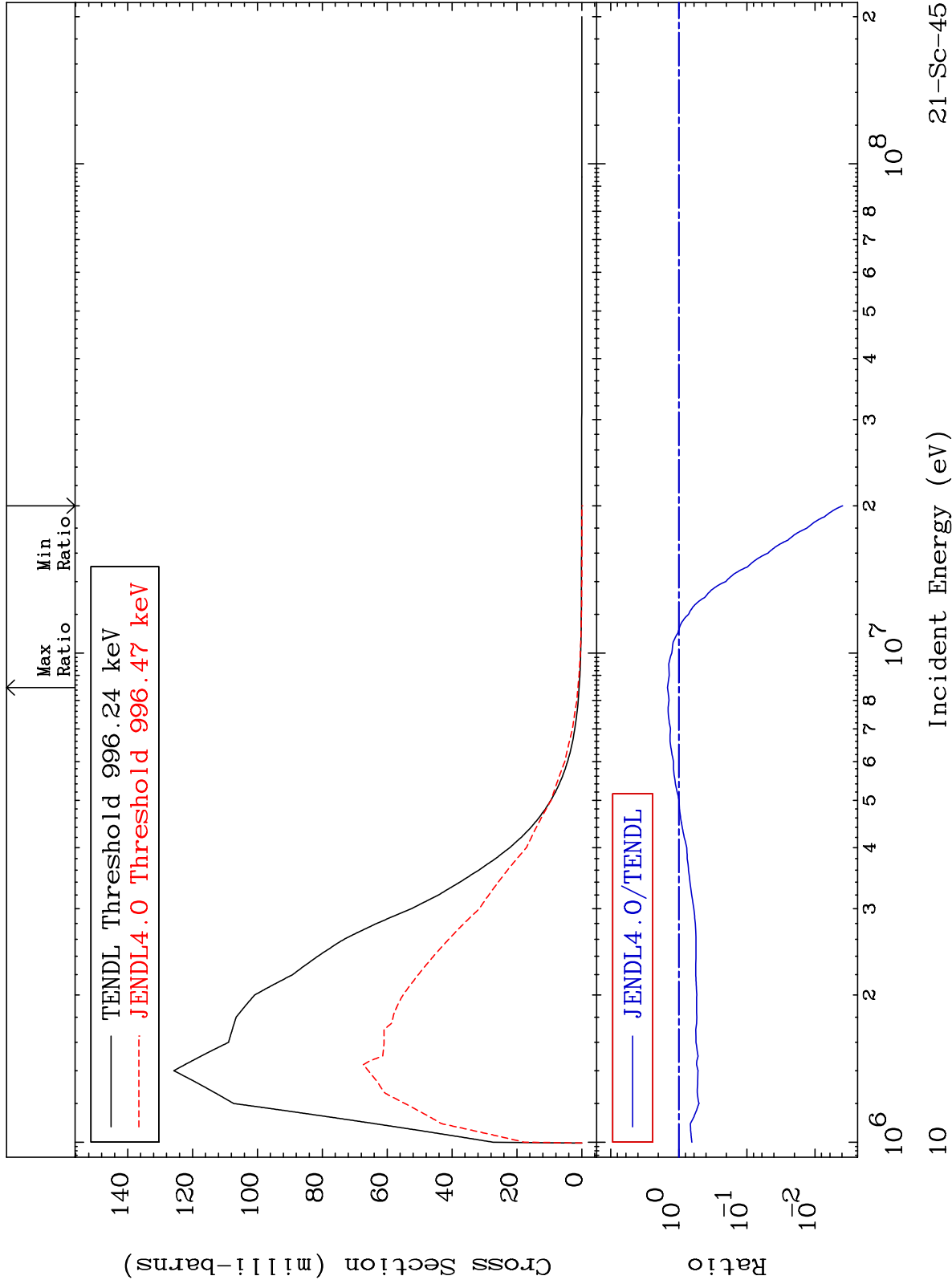
MAT 2125

MT= 56 (n,n') Level

21-Sc-45

-99.61 To 46.61 %

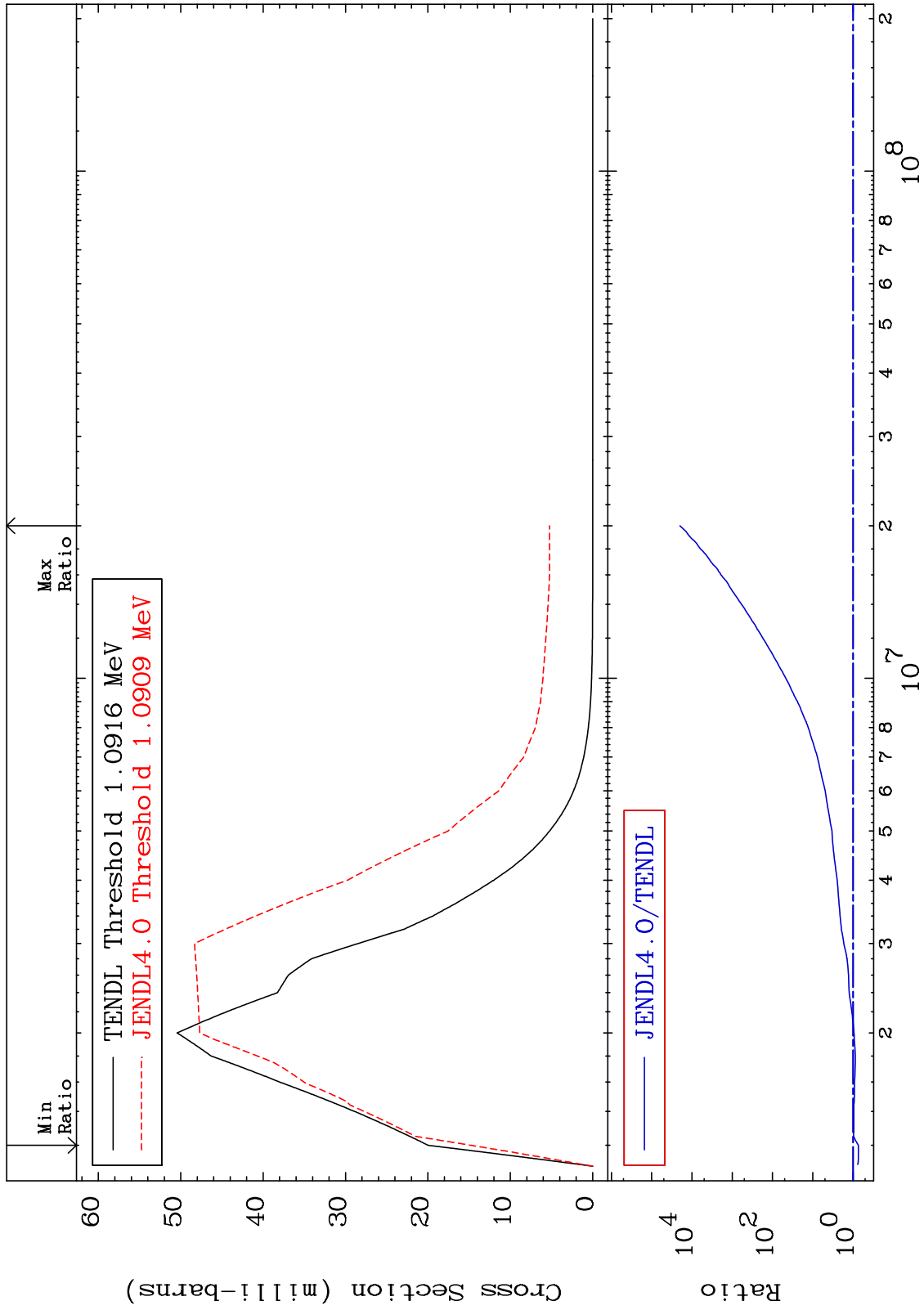
Cross Section



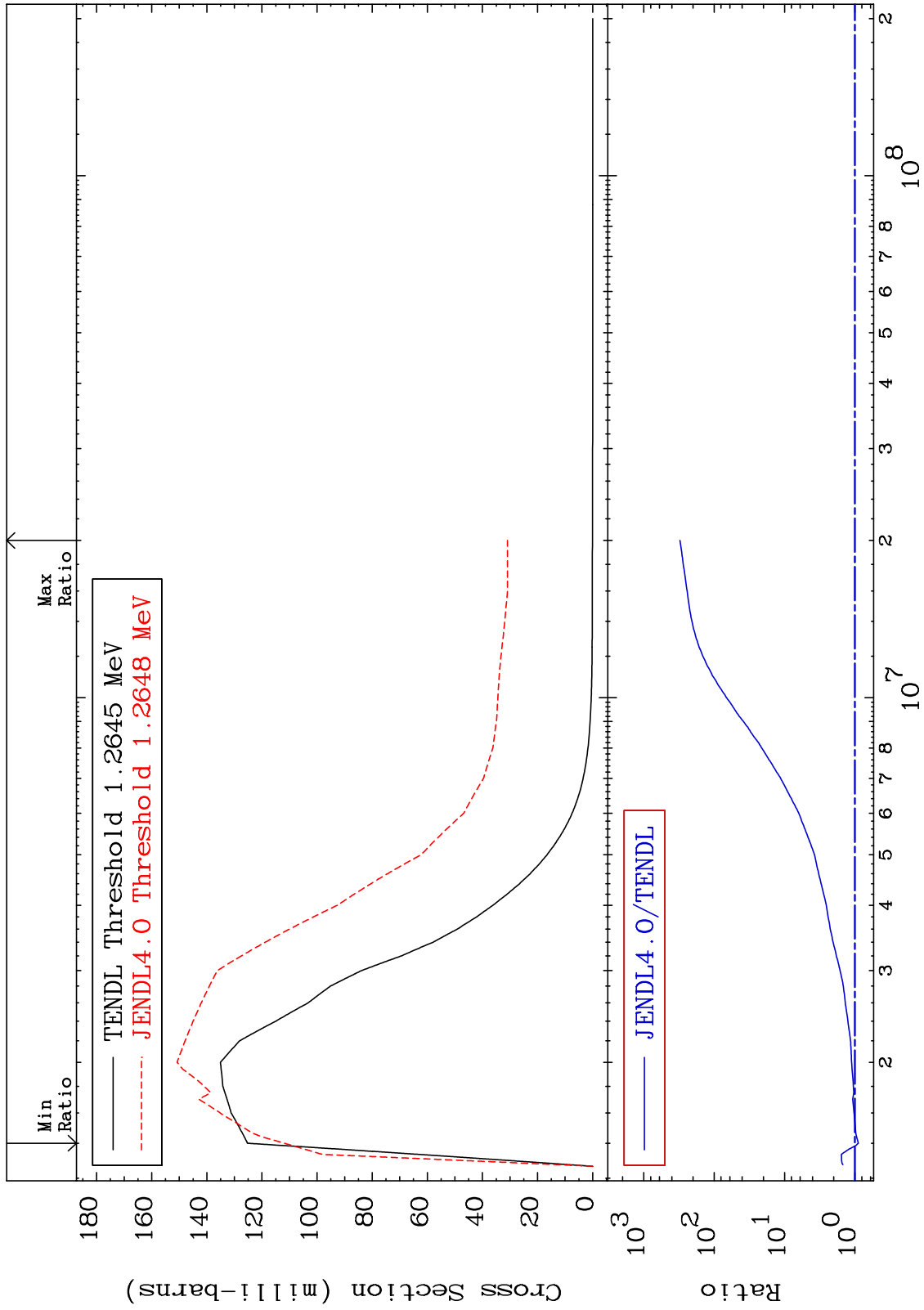
21-Sc-45

Incident Energy (eV)

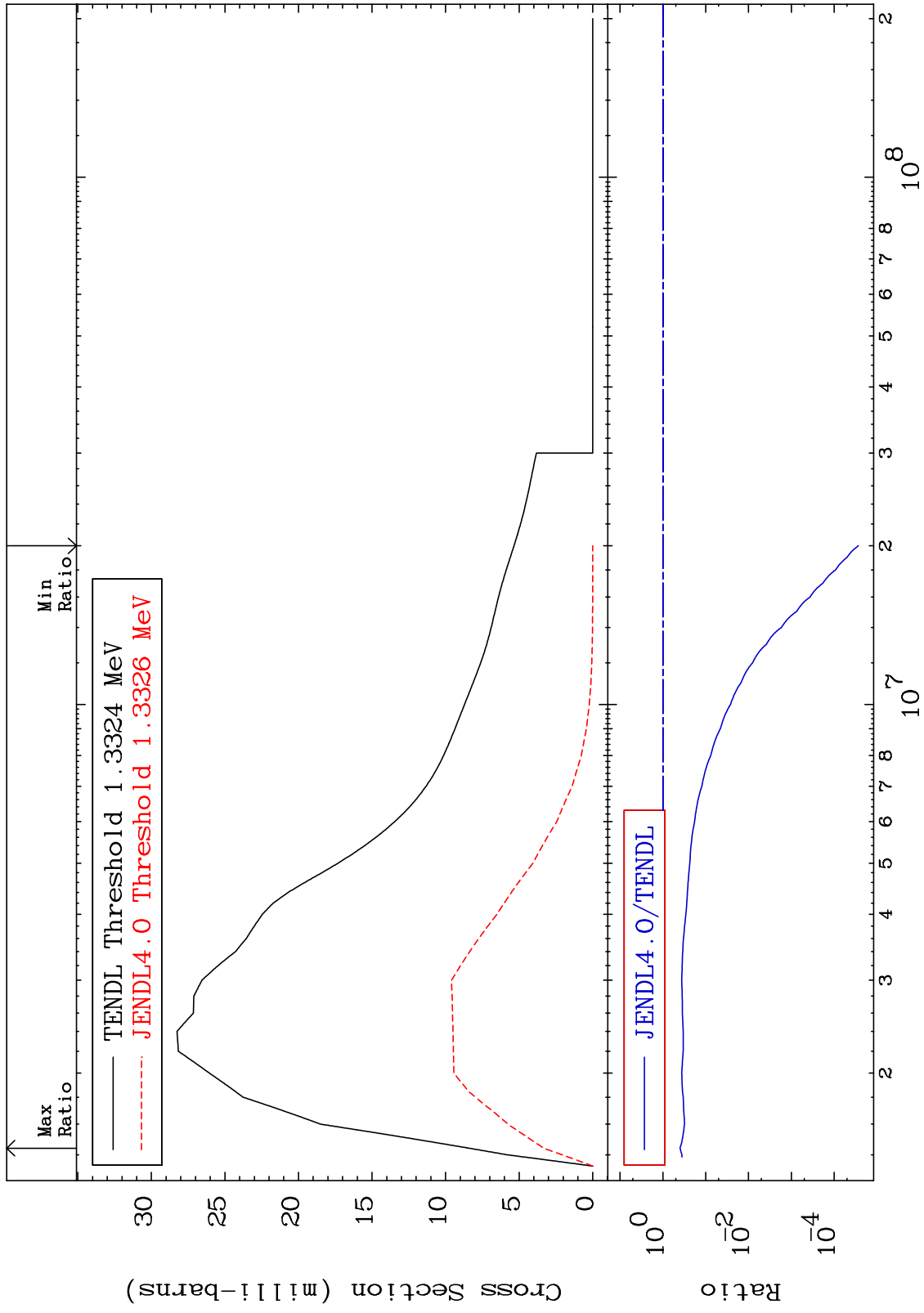
MAT 2125 MT= 57 (n, n') Level Cross Section -26.19 To 9999. % 21-Sc-45



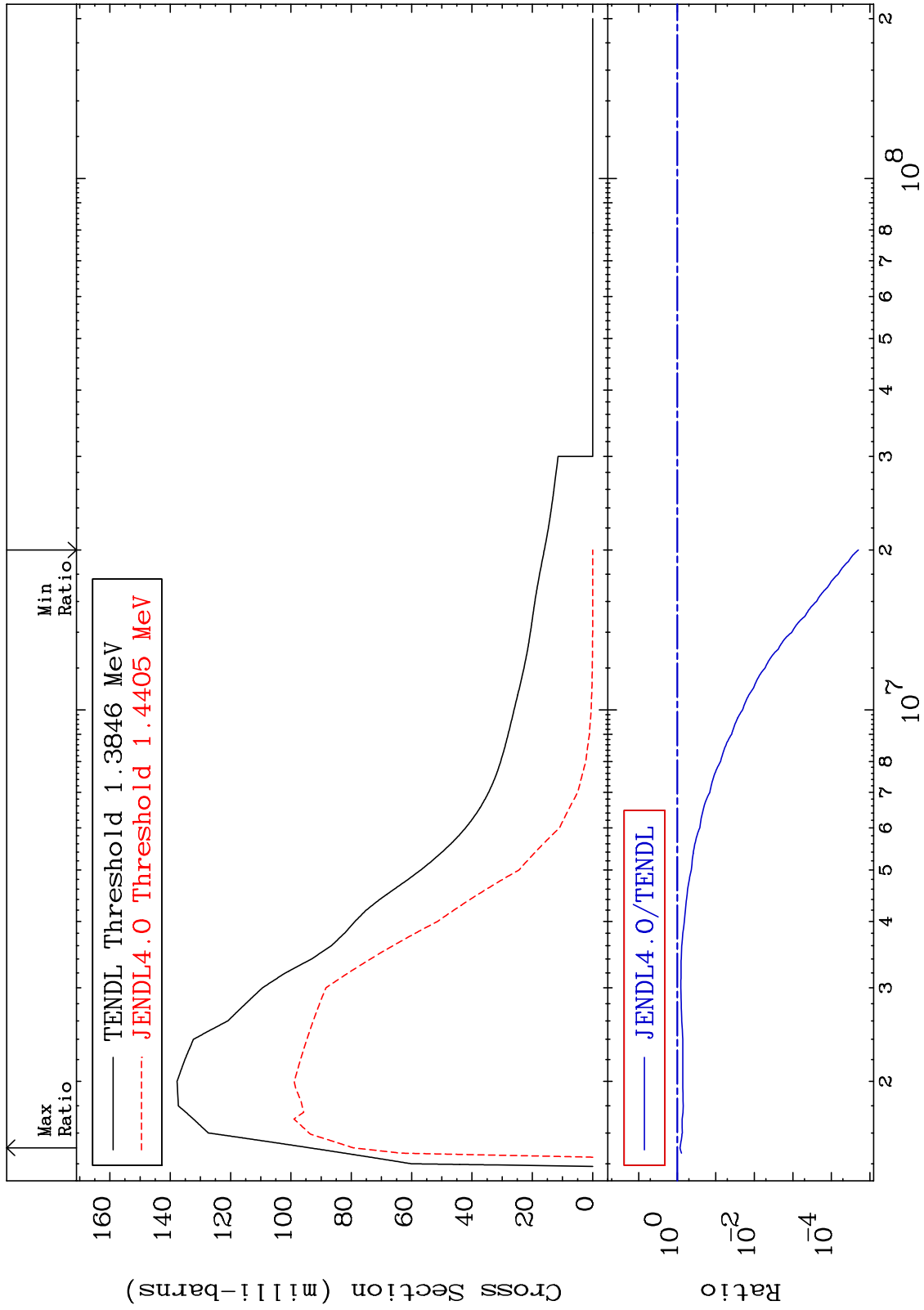
MAT 2125 MT= 58 (n, n') Level Cross Section -10.68 To 9999. % 21-Sc-45



MAT 2125 MT= 59 (n, n') Level Cross Section -100.0 To -60.28% 21-Sc-45



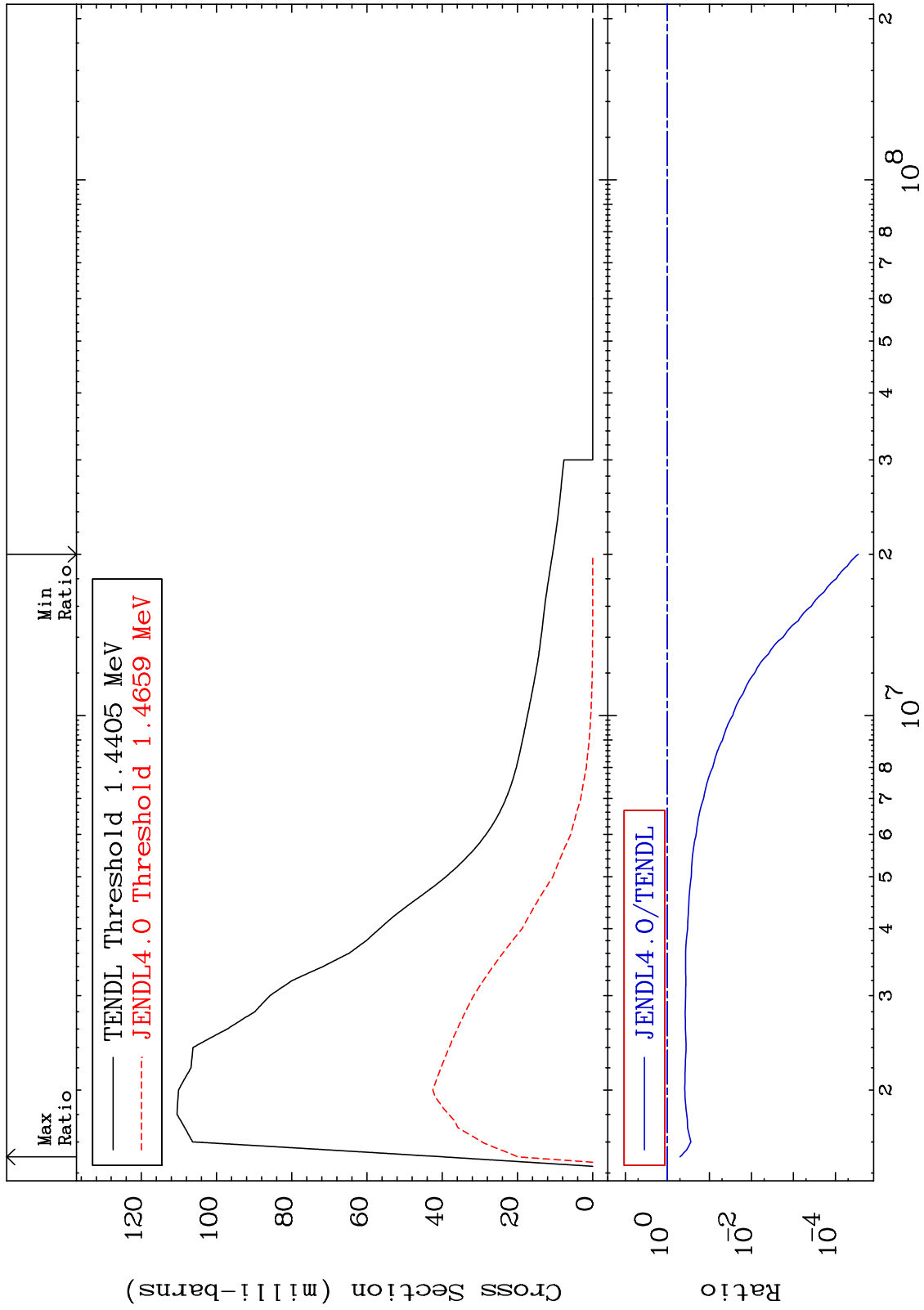
MAT 2125 MT= 60 (n,n') Level Cross Section -100.0 To -15.37% 21-Sc-45



MAT 2125

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

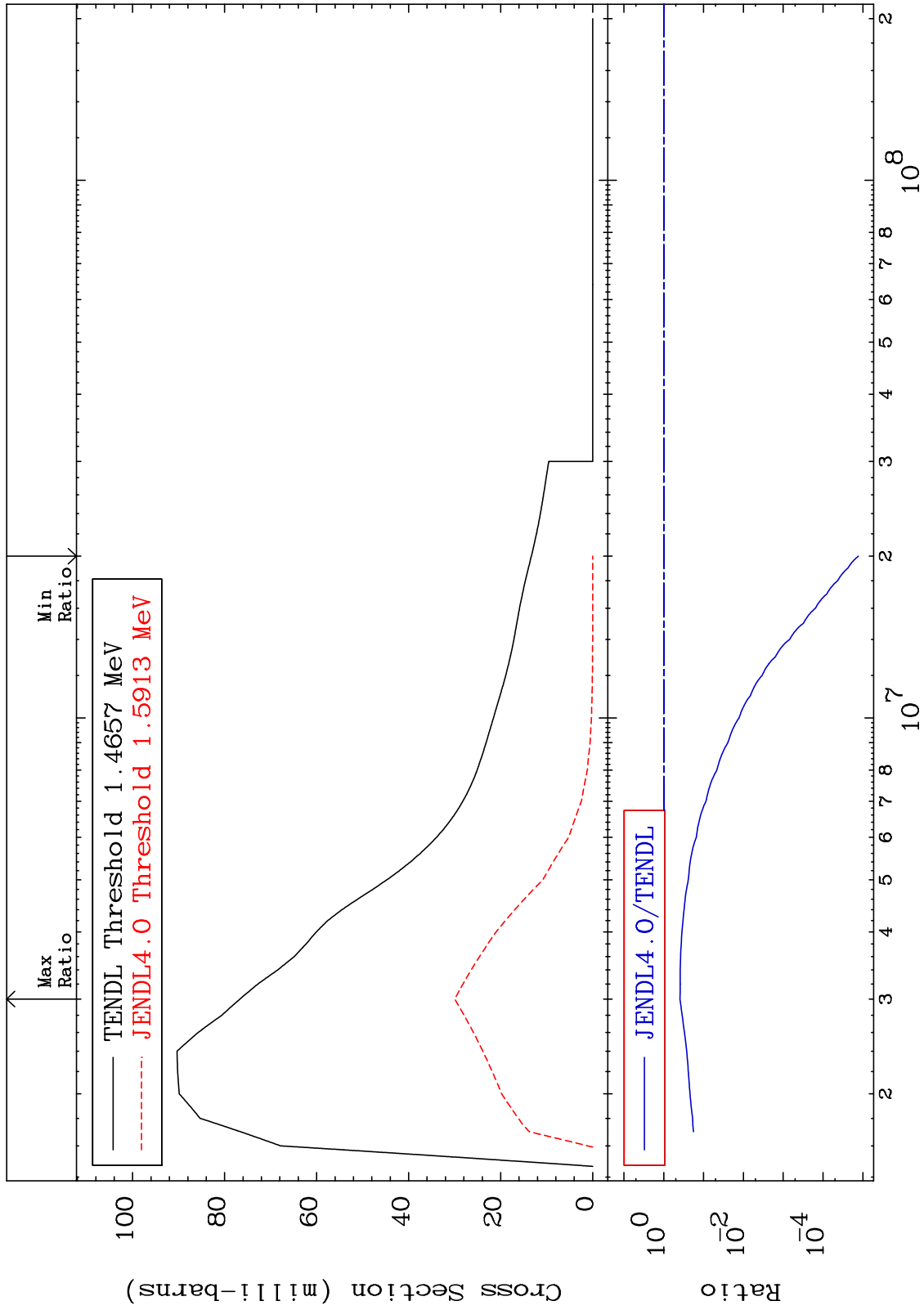
21-Sc-45
-100.0 To -49.94%



MAT 2125

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

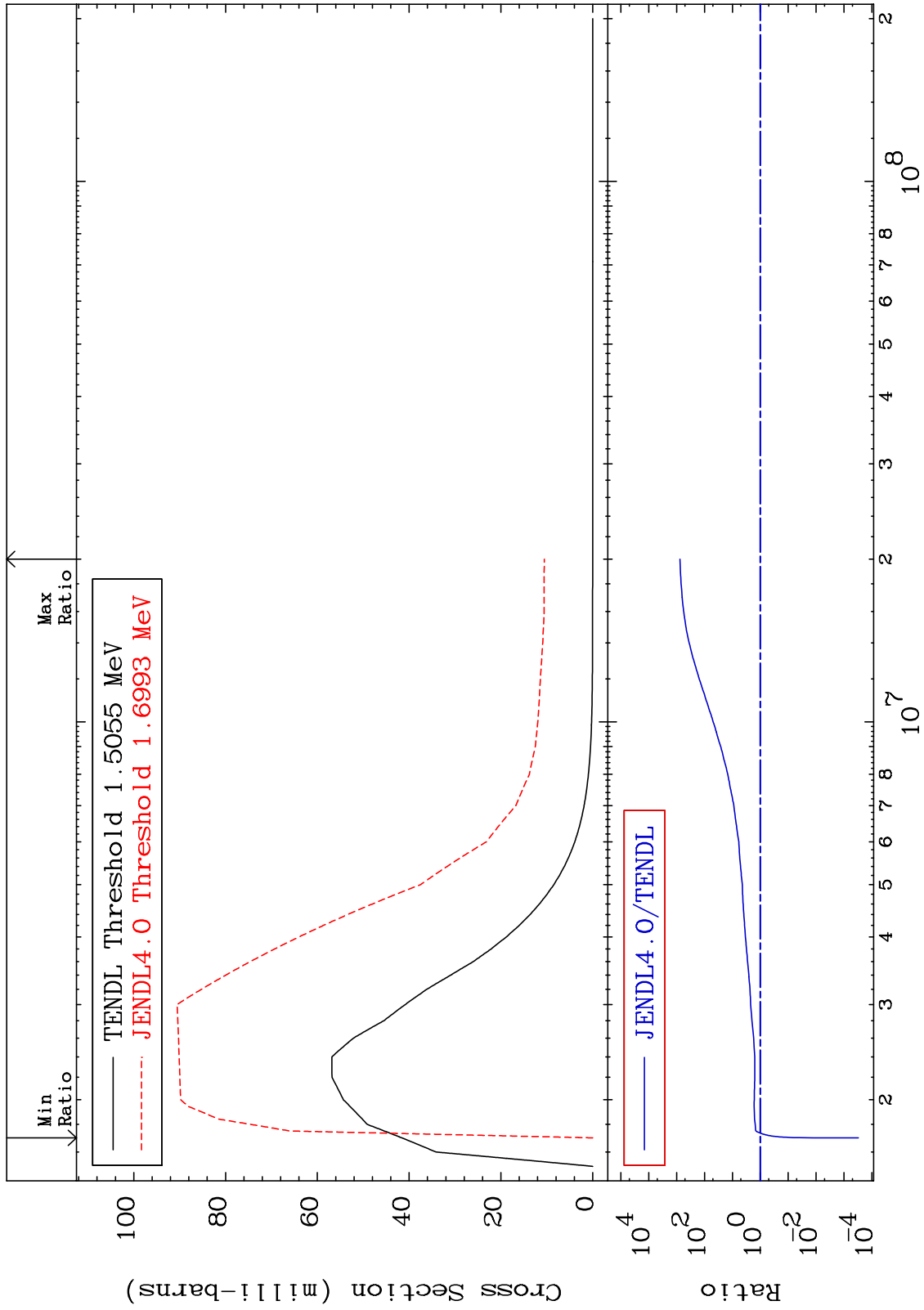
21-Sc-45
-100.0 To -60.89%



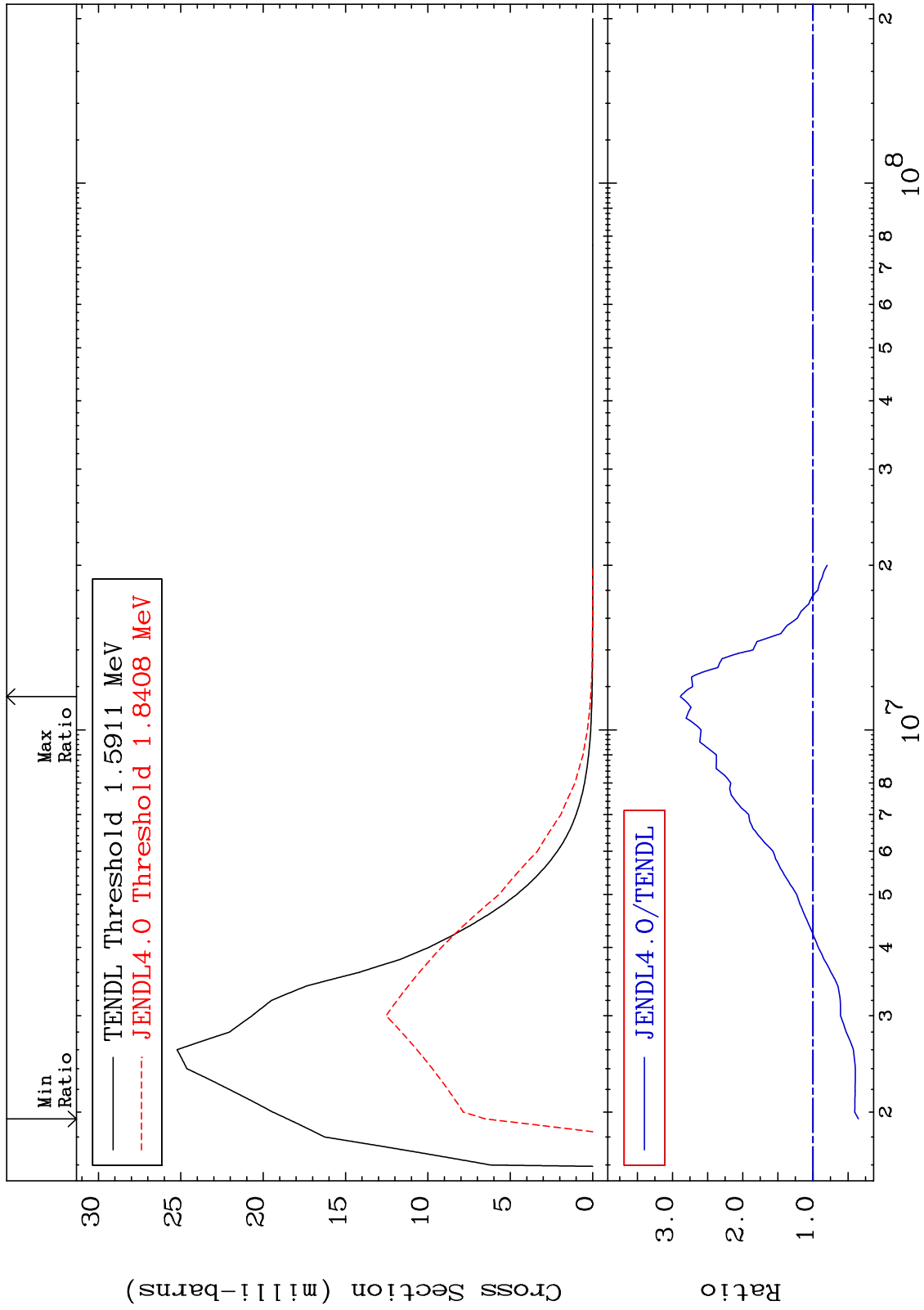
MAT 2125

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

21-Sc-45
-99.97 To 9999. %



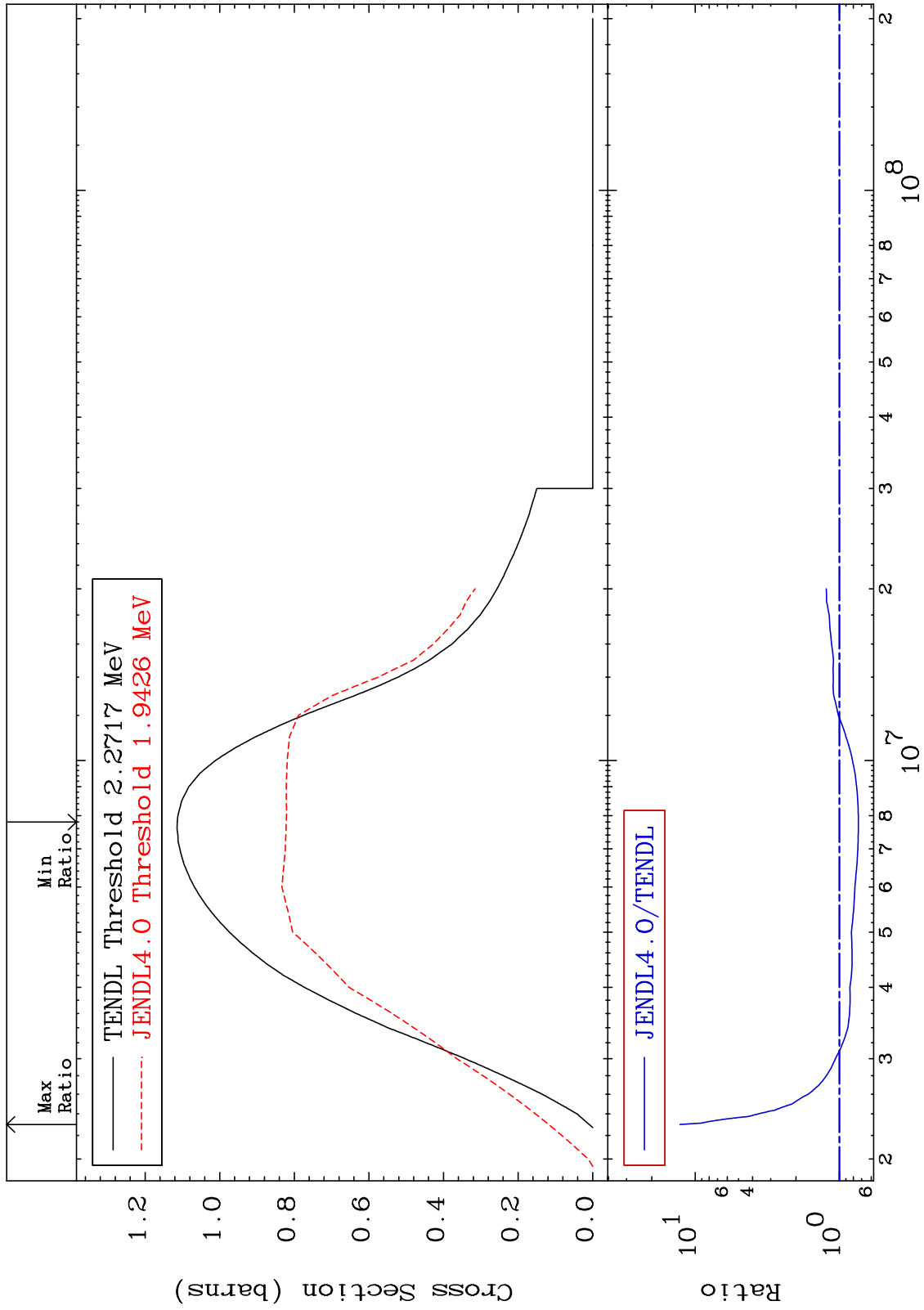
MAT 2125 MT= 64 (n,n') Level Cross Section 21-Sc-45
 -64.82 To 189.3 %



MAT 2125

(n,n') Continuum
Cross Section

21-Sc-45
-26.25 To 1176. %



19

21-Sc-45

21-Sc-45

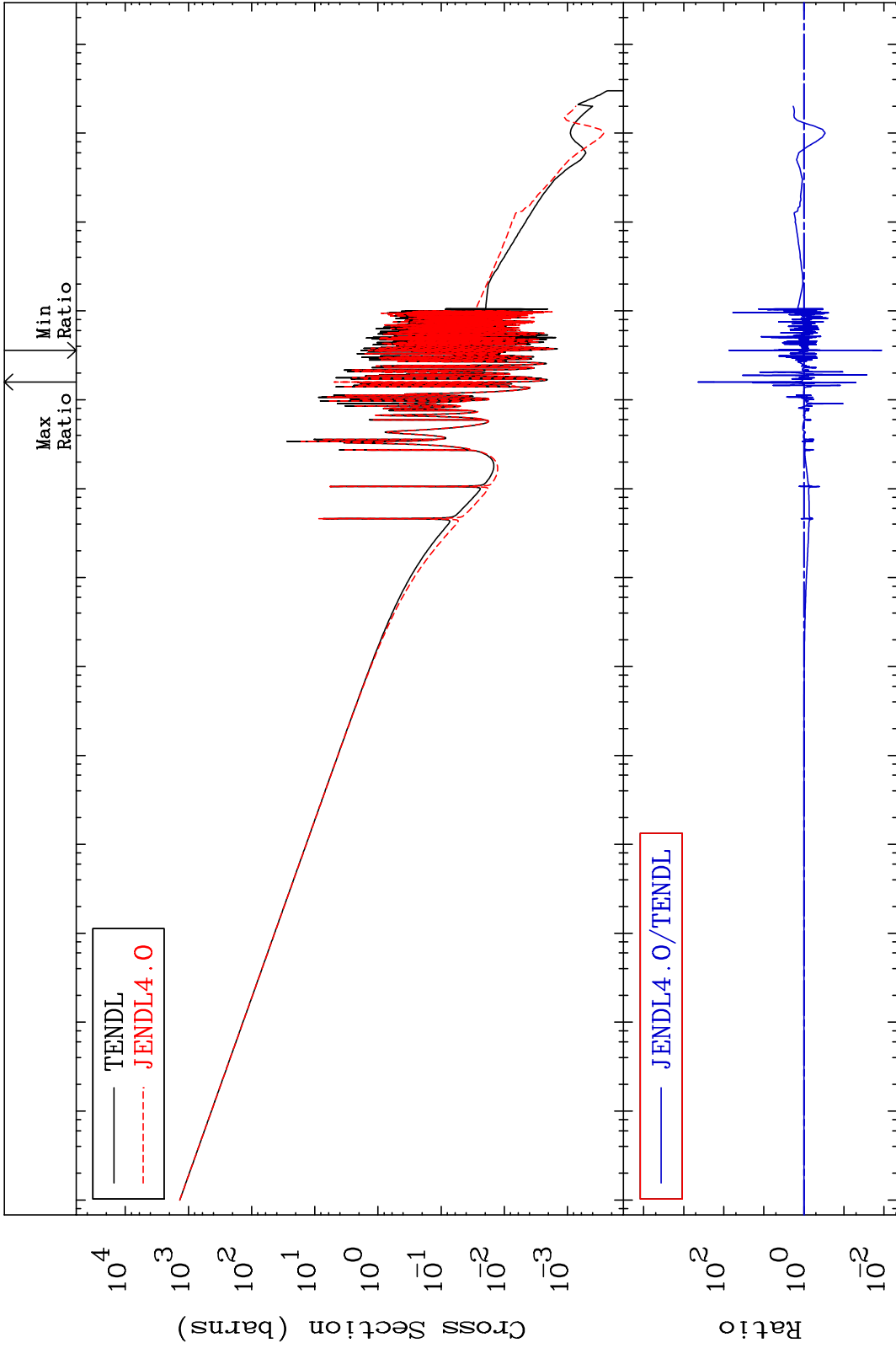
MAT 2125

(n, γ)

21-Sc-45

Cross Section

-98.85 To 9999. %



Incident Energy (eV)

21-Sc-45

20

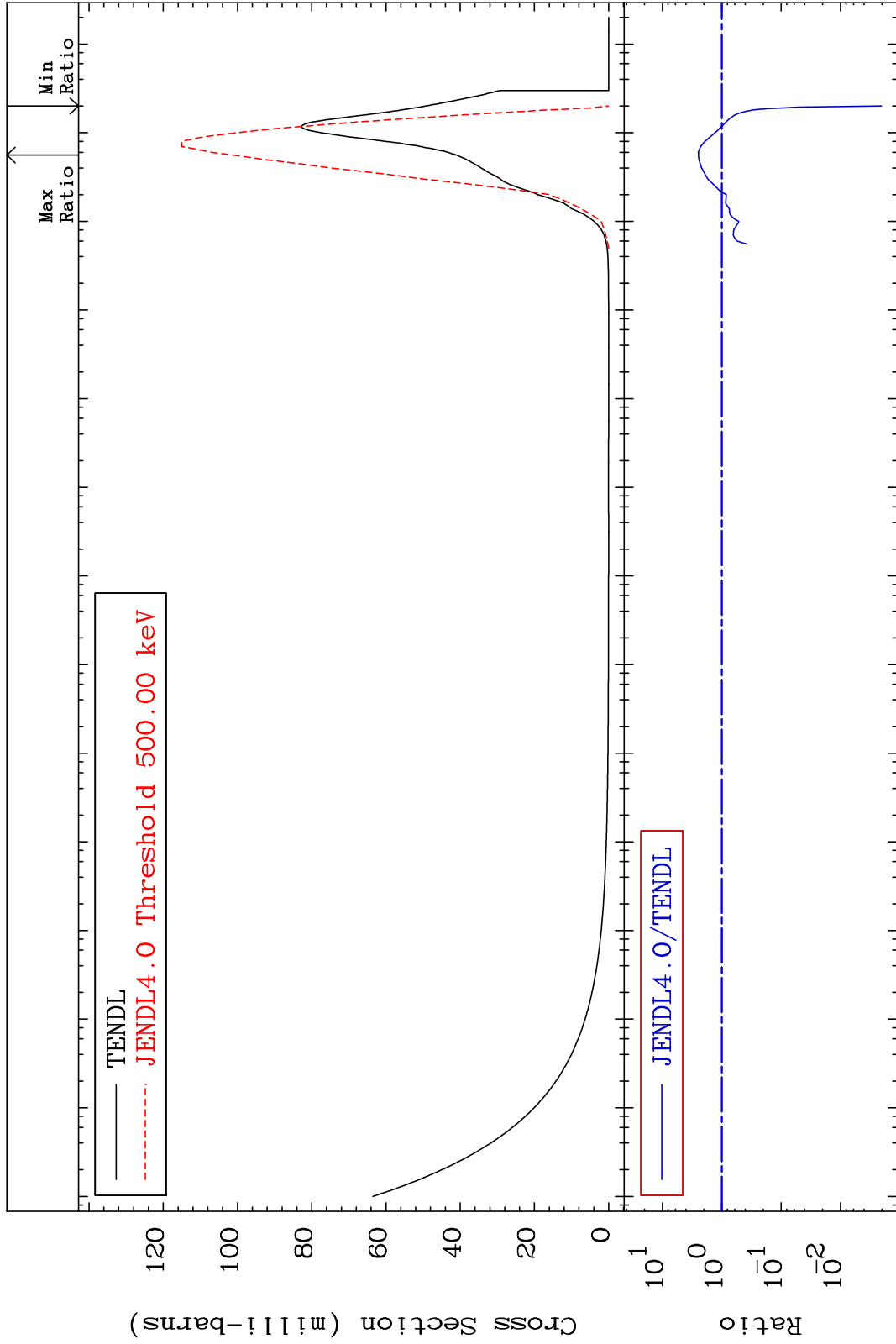
MAT 2125

(n,p)

21-Sc-45

Cross Section

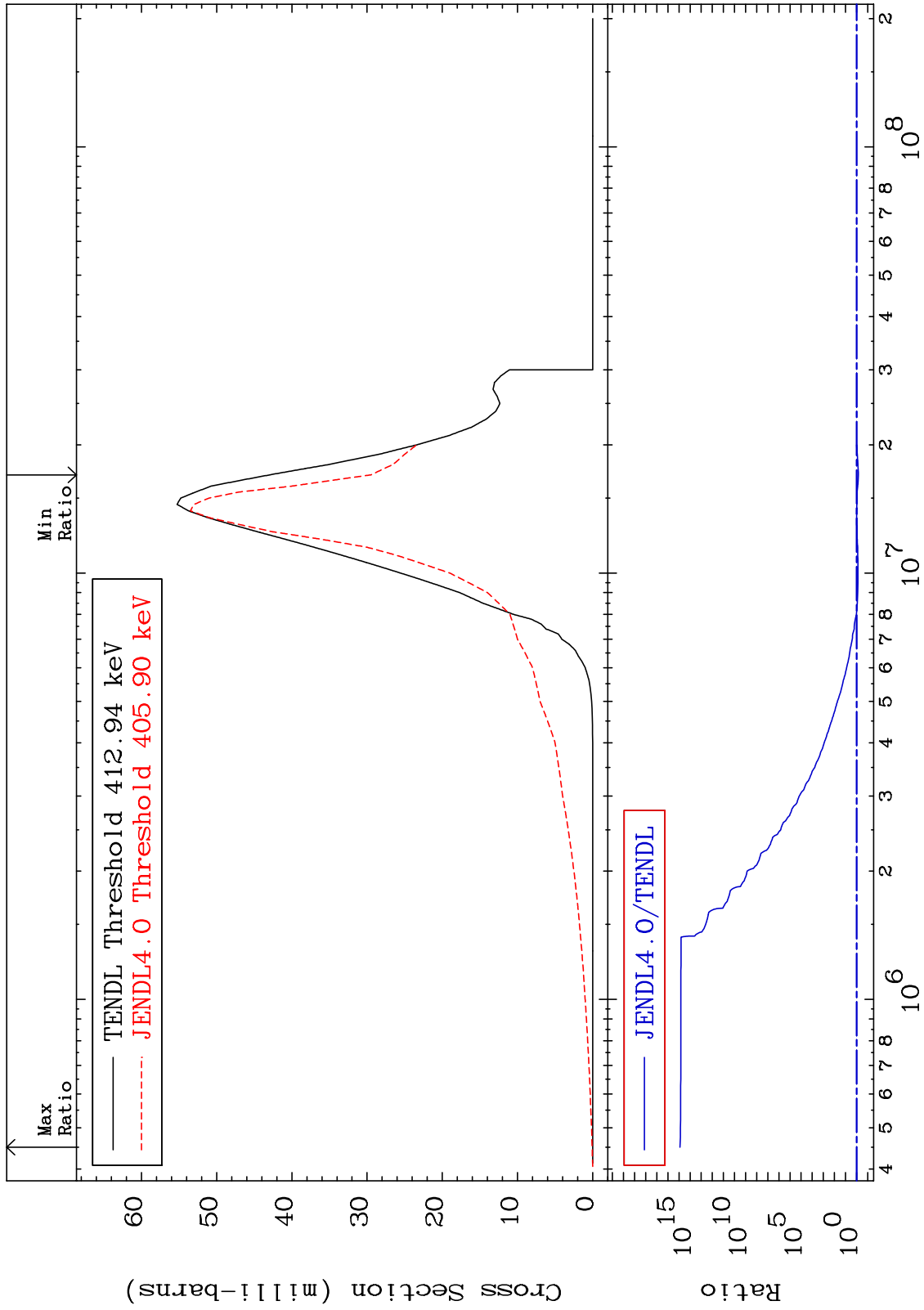
-99.80 To 147.3 %



Incident Energy (eV)

21-Sc-45

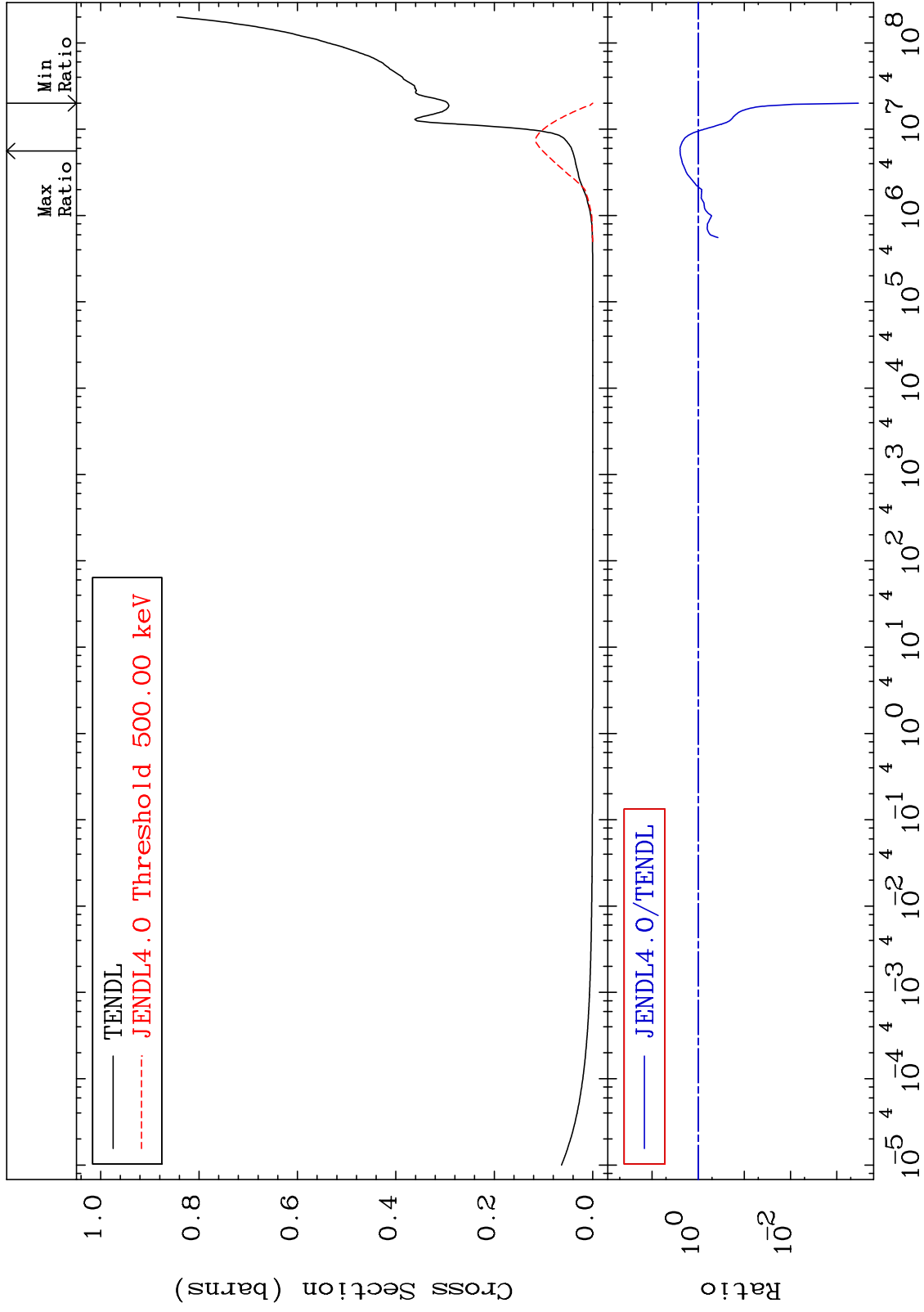
MAT 2125 (n, α) 21-Sc-45
 Cross Section -31.37 To 9999. %



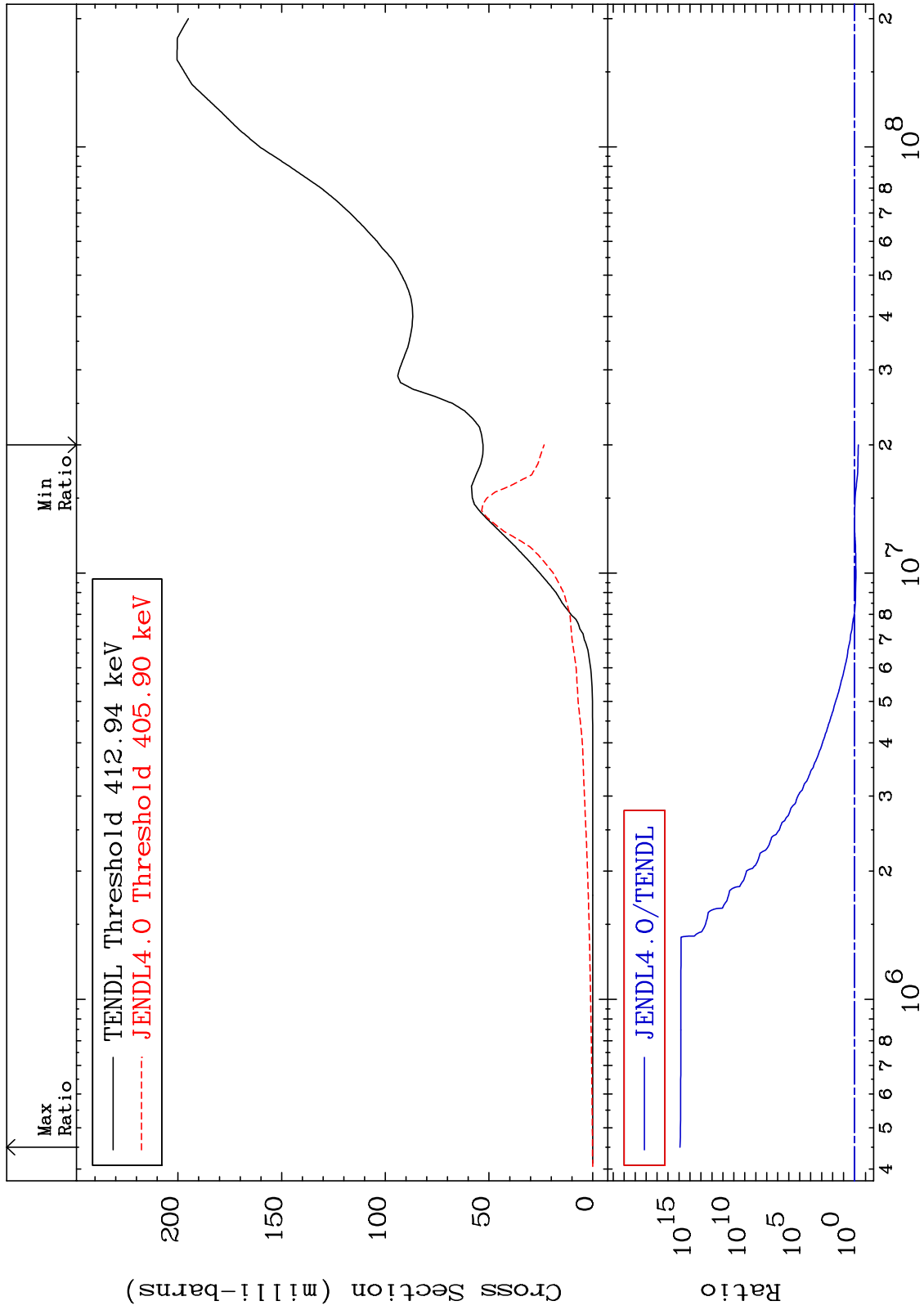
MAT 2125

Hydrogen Production
Cross Section

21-Sc-45
-99.97 To 147.3 %



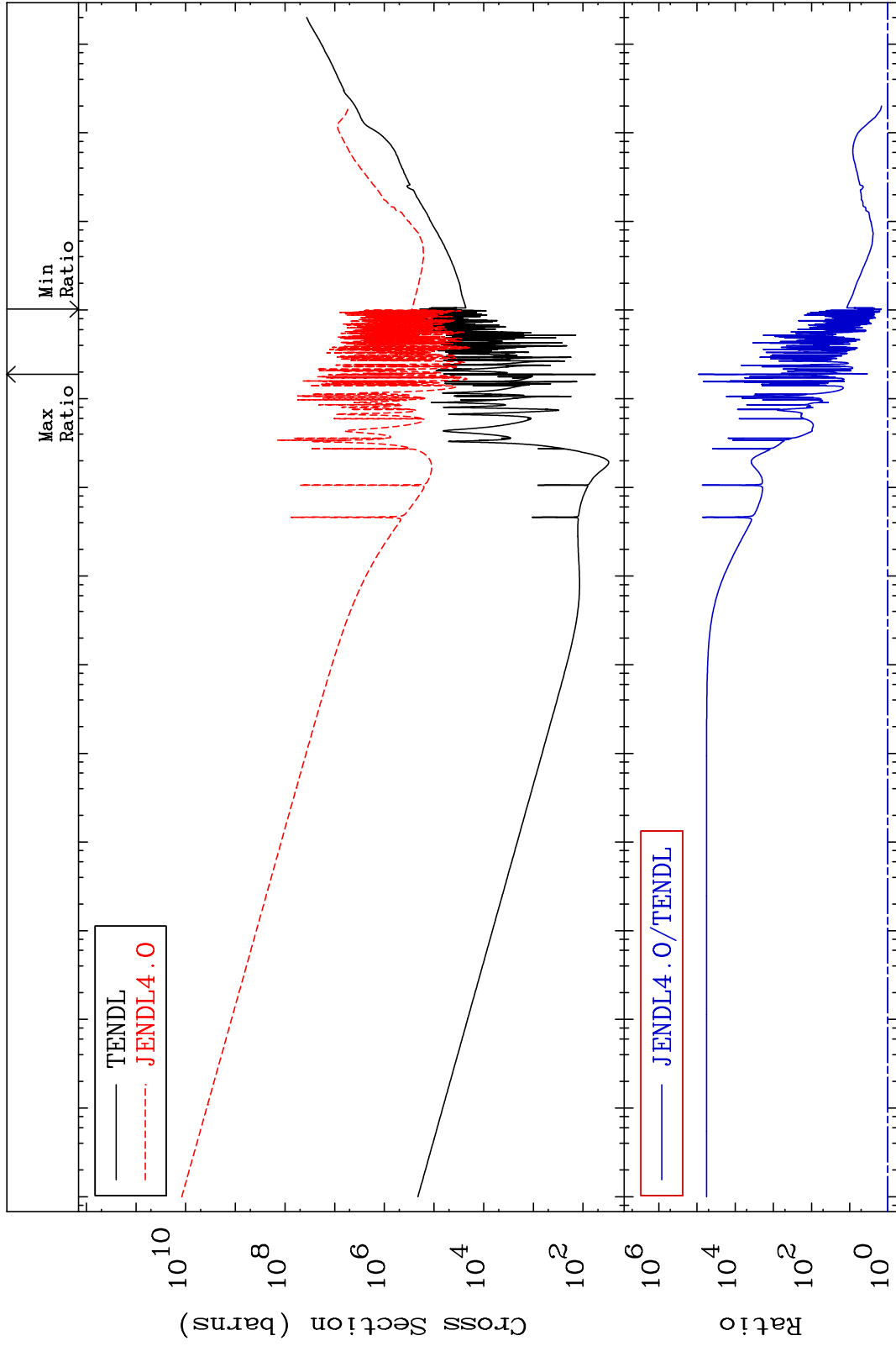
MAT 2125 He-4 Production Cross Section 21-Sc-45
 -55.79 To 9999. %



MAT 2125

Kerma total (eV-barns)
Cross Section

21-Sc-45
46.50 To 9999. %



25

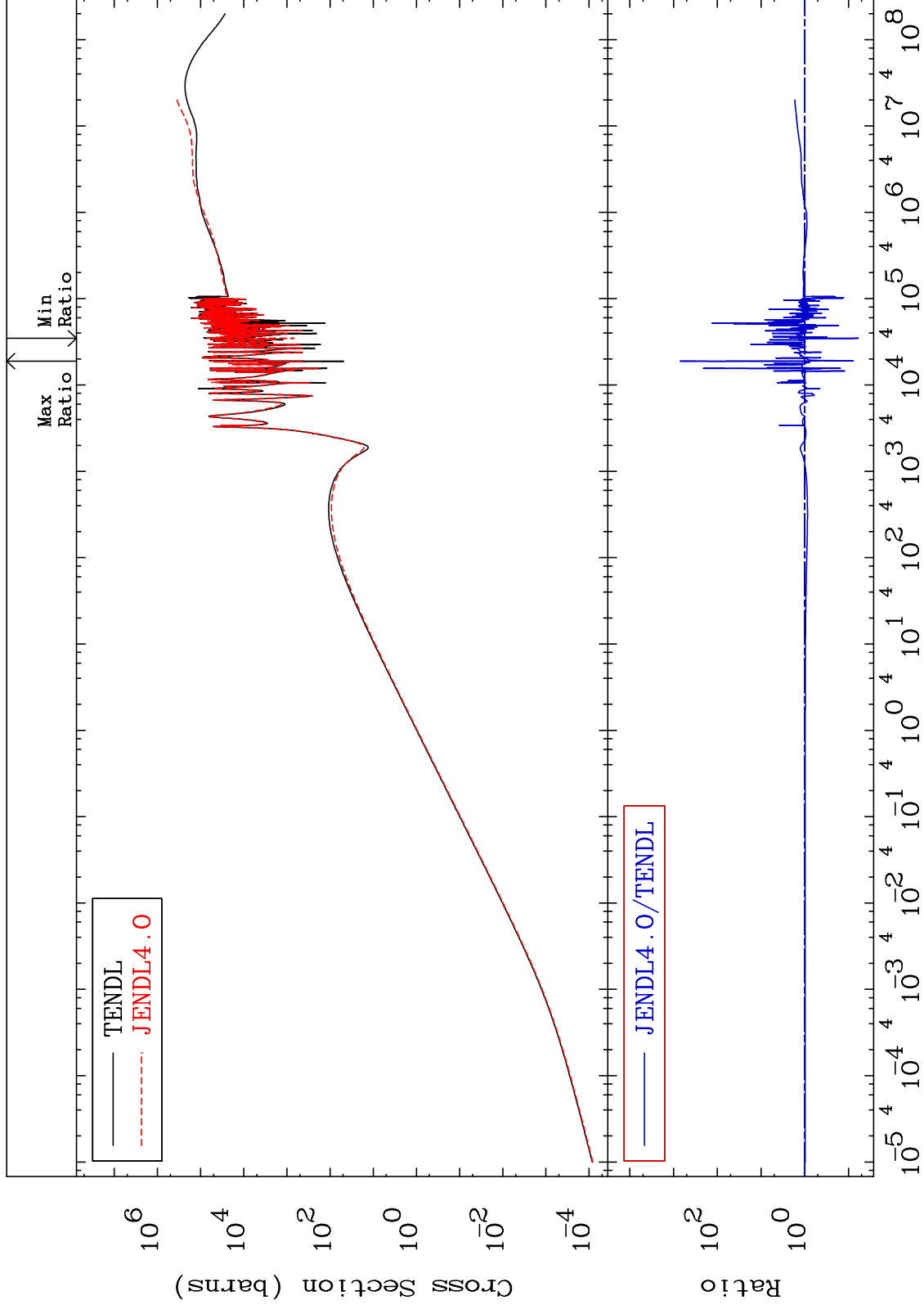
Incident Energy (eV)

21-Sc-45

MAT 2125

Kerma elastic
Cross Section

21-Sc-45
-94.08 To 9999. %



26

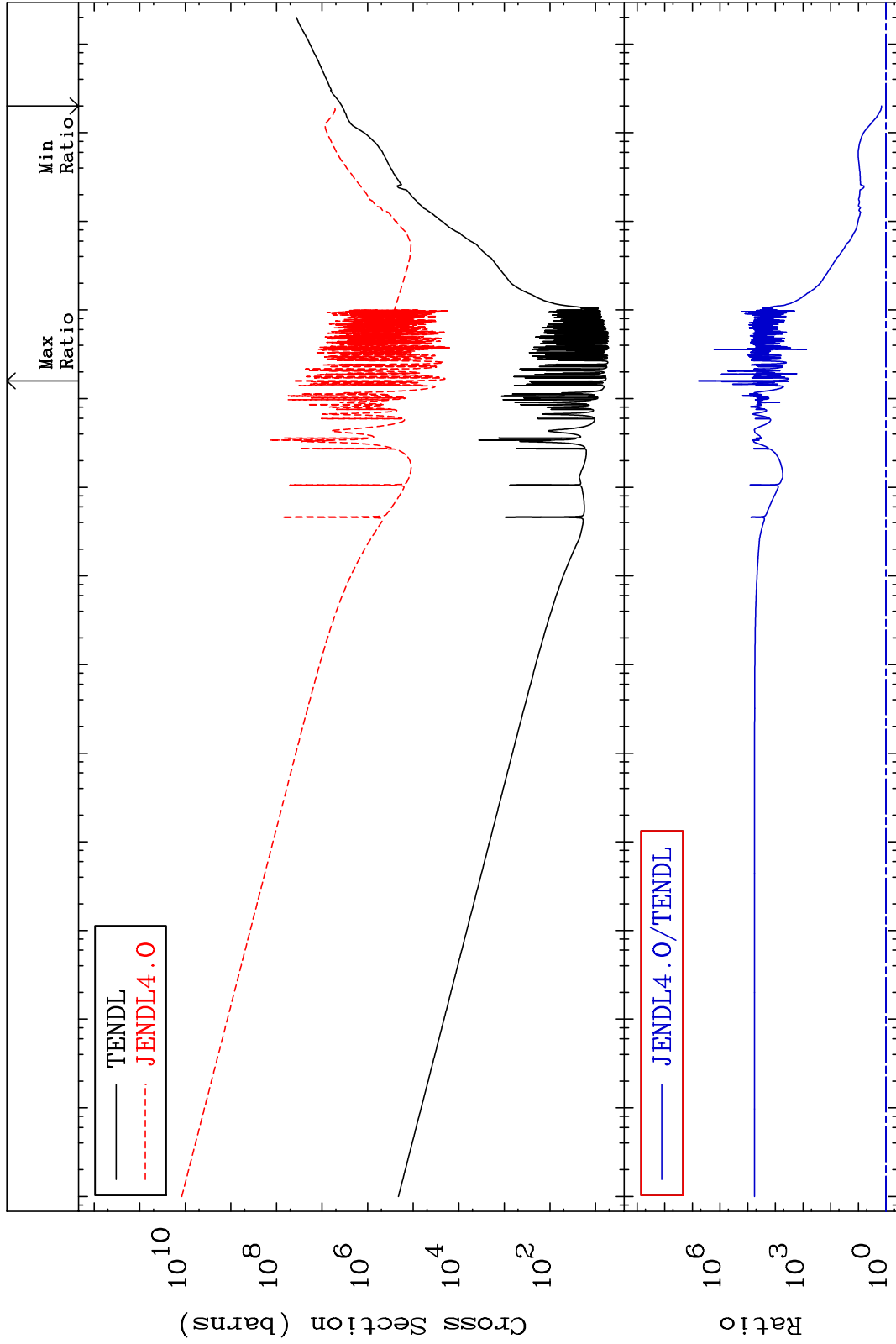
Incident Energy (eV)

21-Sc-45

MAT 2125

Kerma non-elastic (all but mt2)
Cross Section

21-Sc-45
45.60 To 9999. %

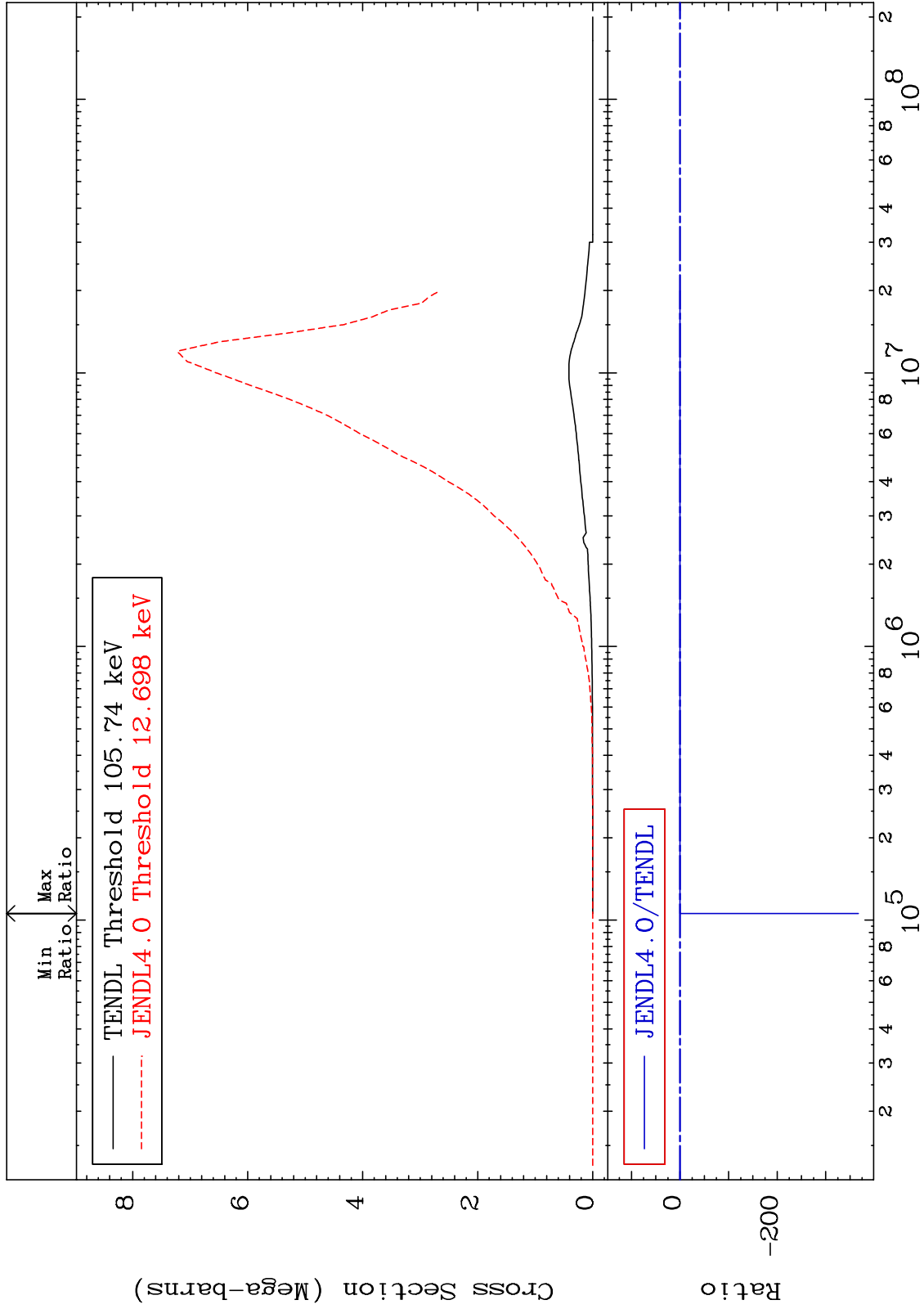


Incident Energy (eV) 21-Sc-45

MAT 2125

Kerma inelastic (mt51-91)
Cross Section

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



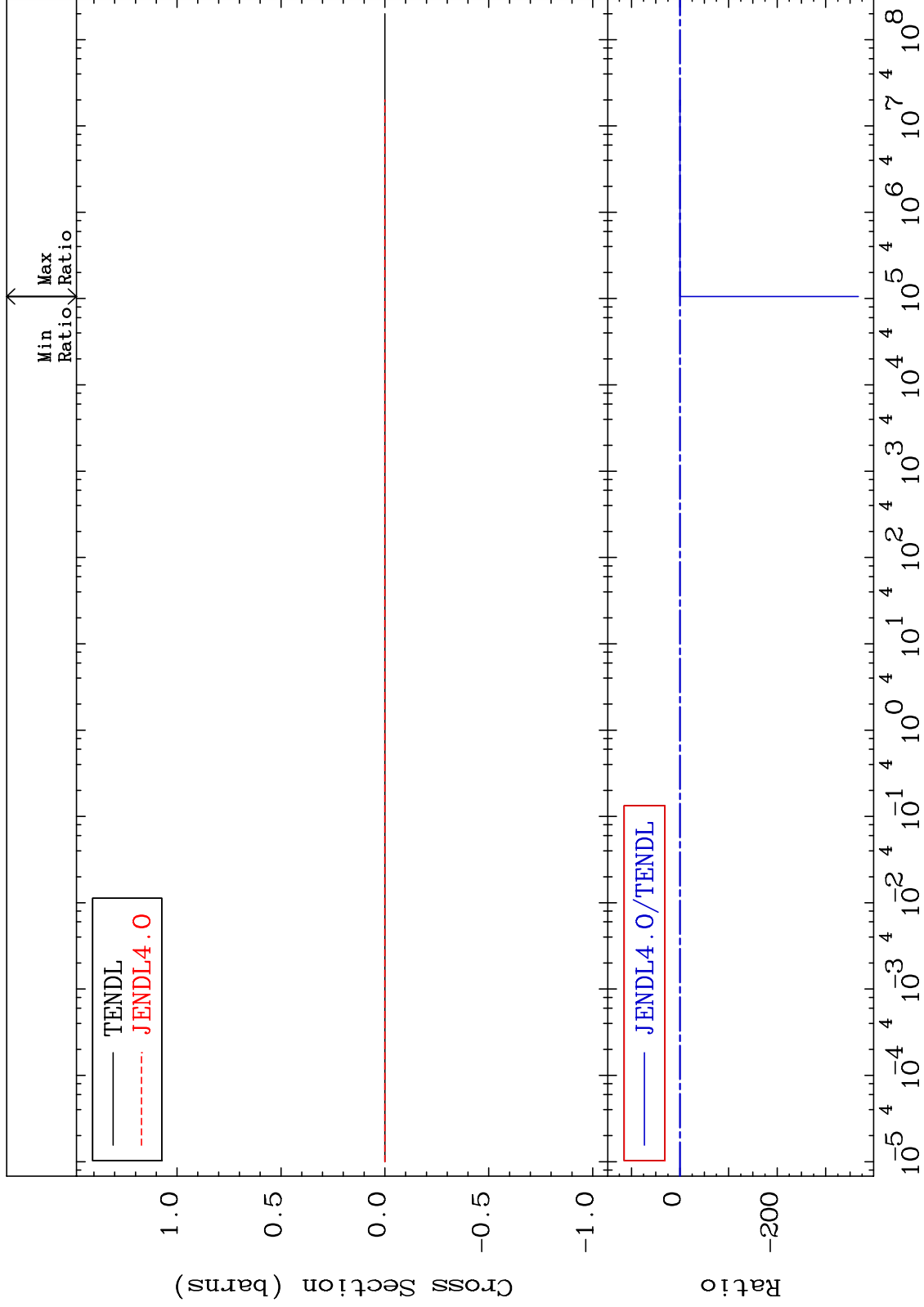
28

21-Sc-45

MAT 2125

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

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



29

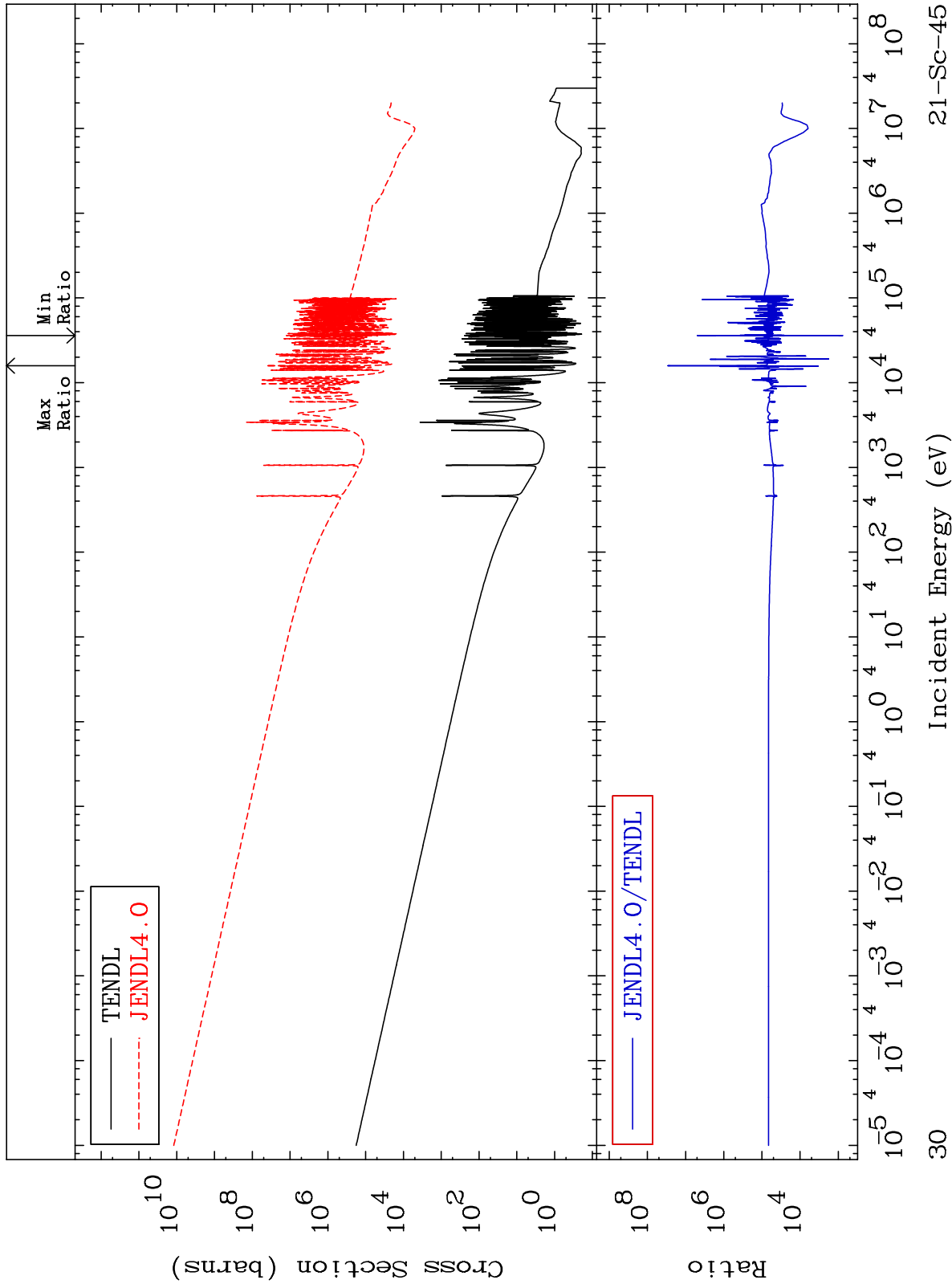
Incident Energy (eV)

21-Sc-45

MAT 2125

Kerma capture (mt102)
Cross Section

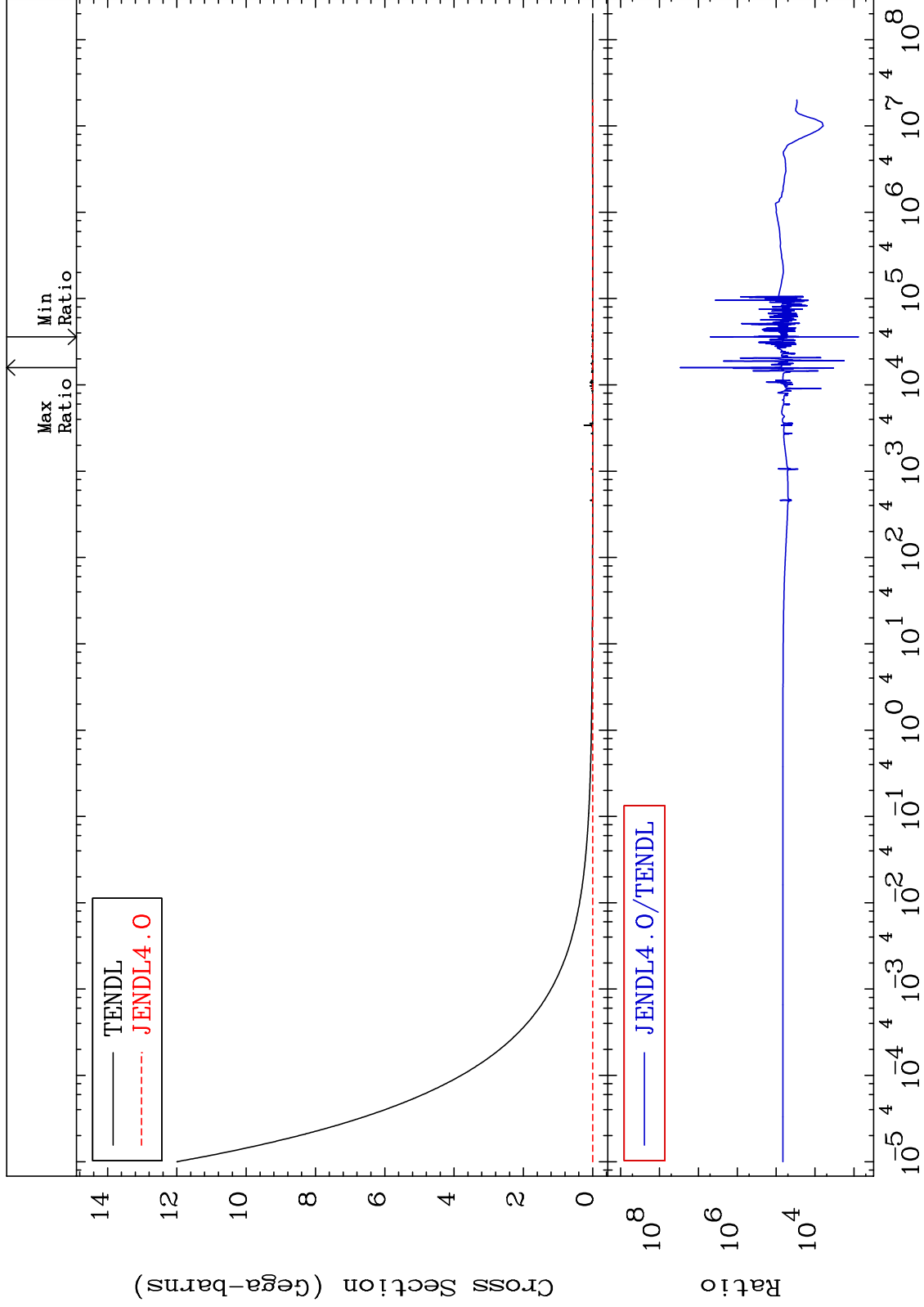
21-Sc-45
9999. To 9999. %



MAT 2125

Total photon (eV-barns)
Cross Section

21-Sc-45
9999. To 9999. %



31

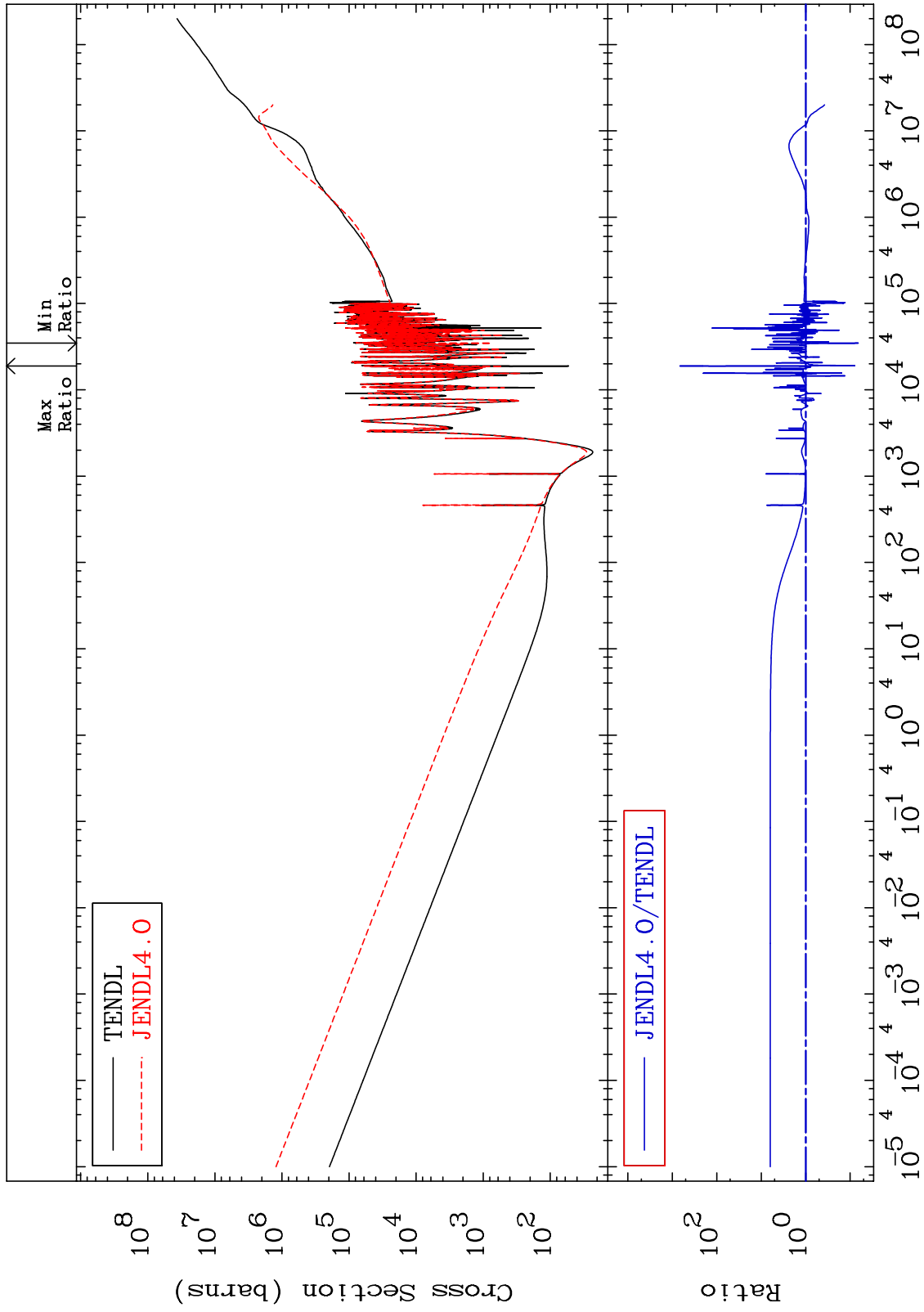
Incident Energy (eV)

21-Sc-45

MAT 2125

Total kinematic kerma (high limit)
Cross Section

21-Sc-45
-93.48 To 9999. %



32

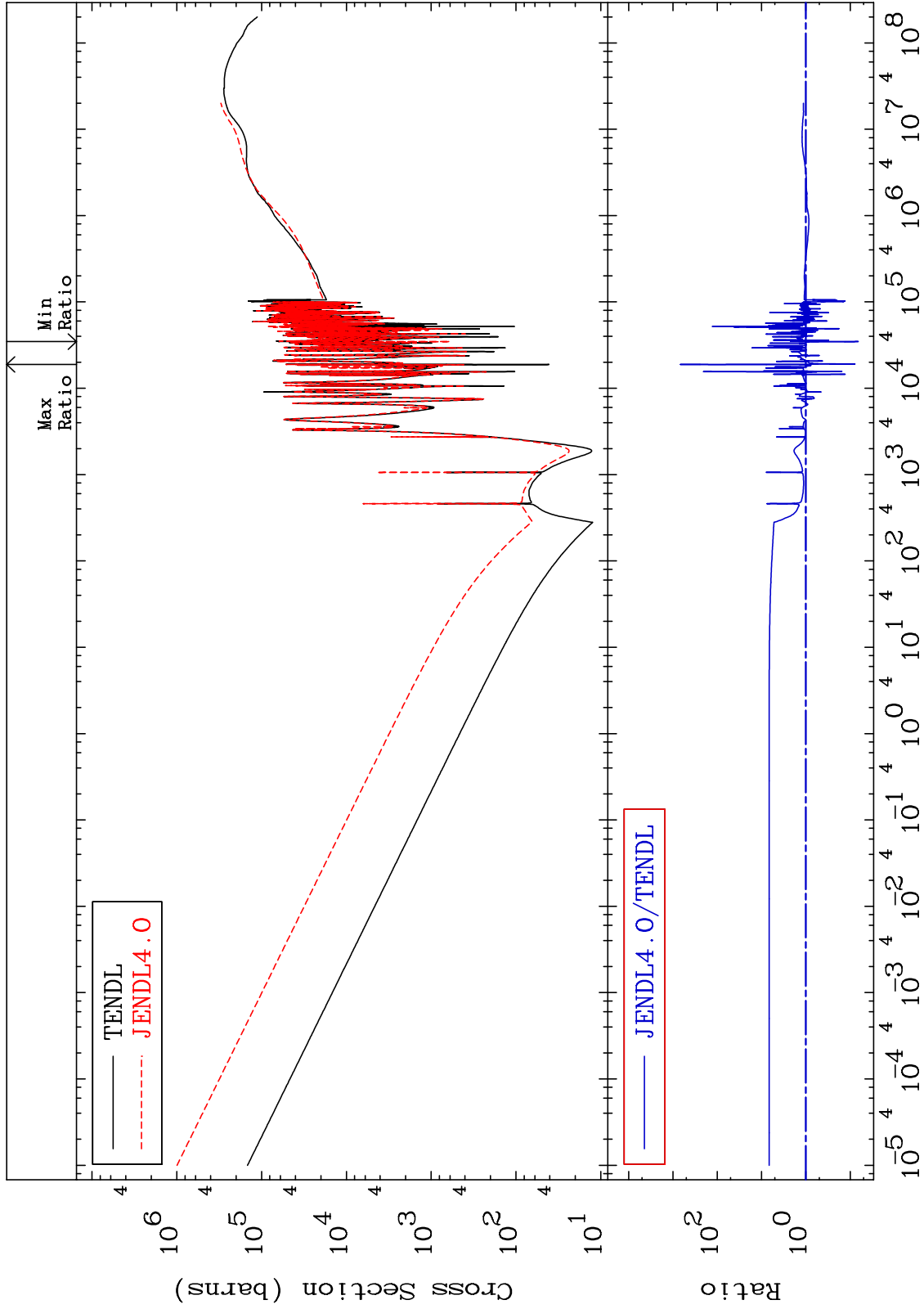
Incident Energy (eV)

21-Sc-45

MAT 2125

Dpa total (eV-barns)
Cross Section

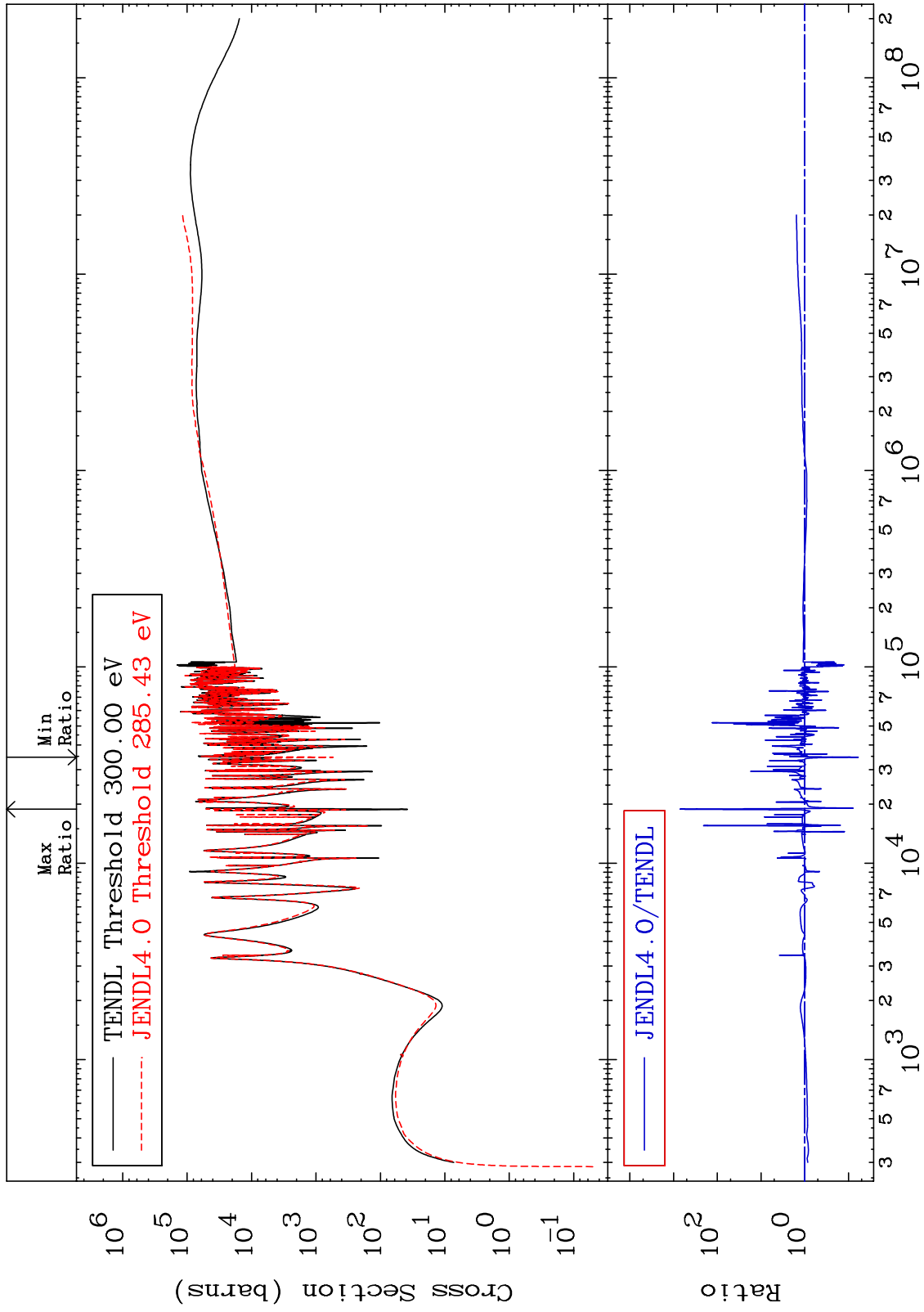
21-Sc-45
-93.47 To 9999. %



MAT 2125

Dpa elastic (mt2)
Cross Section

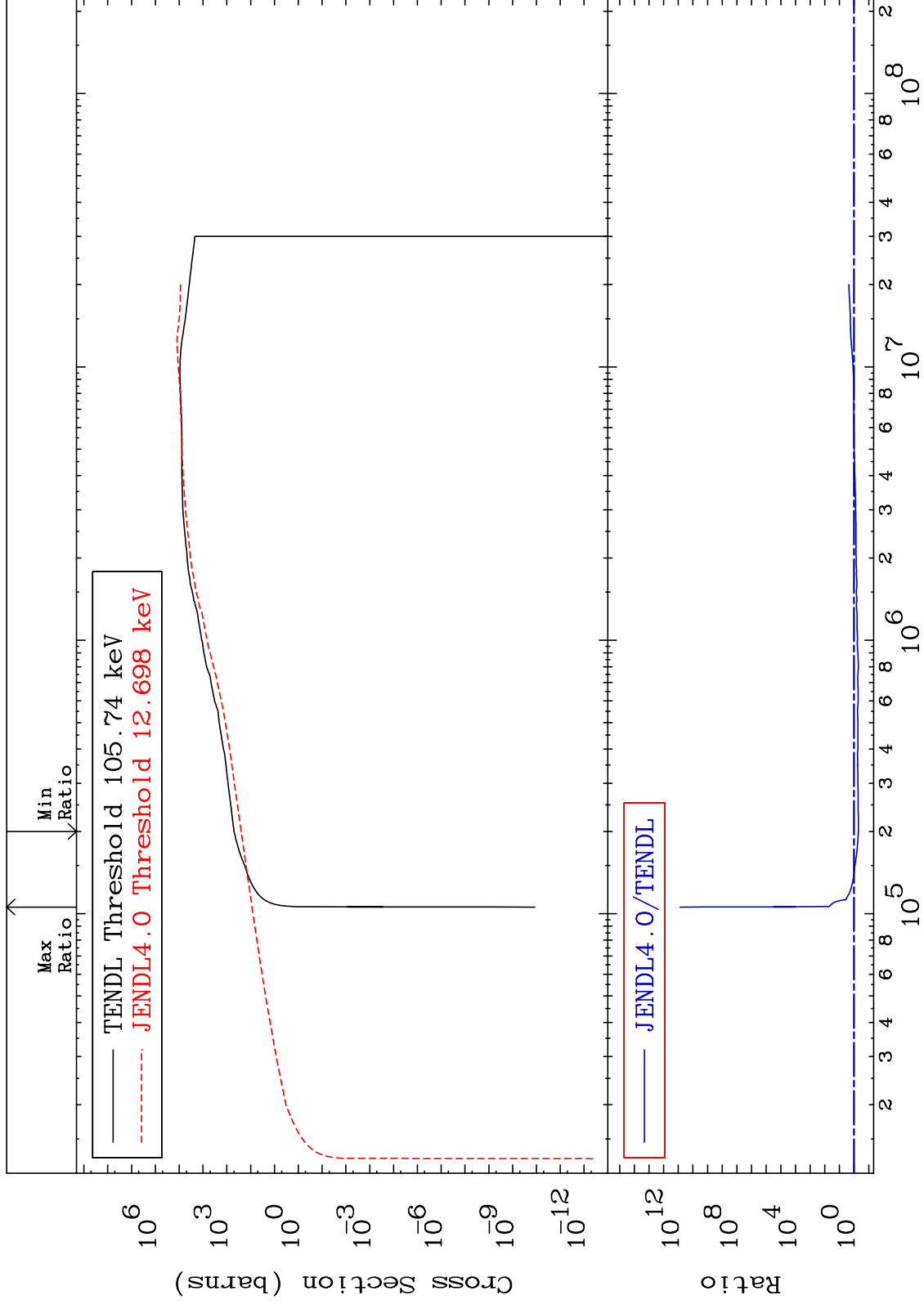
21-Sc-45
-94.08 To 9999. %



MAT 2125

Dpa inelastic (mt51-91)
Cross Section

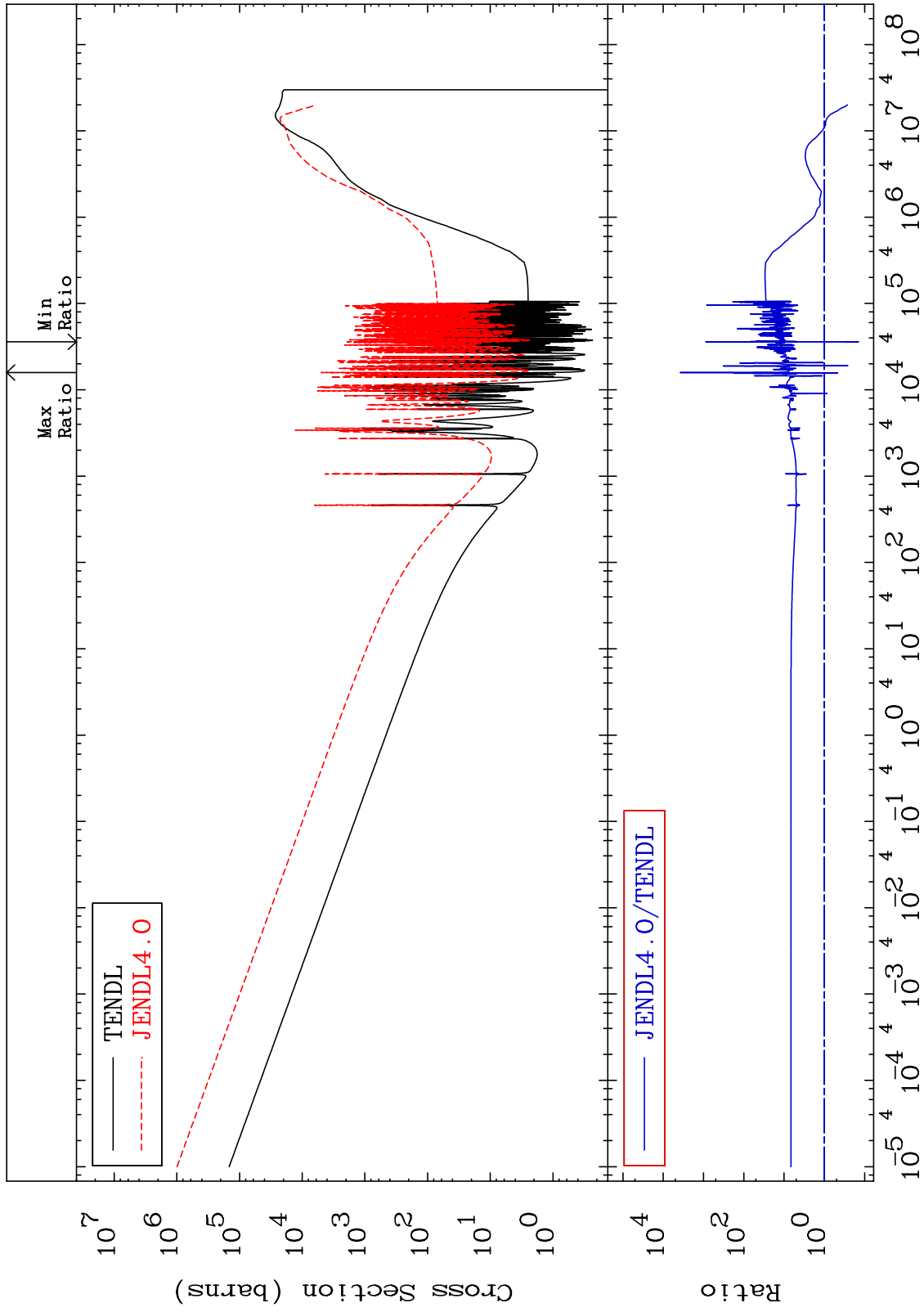
21-Sc-45
-49.31 To 9999. %



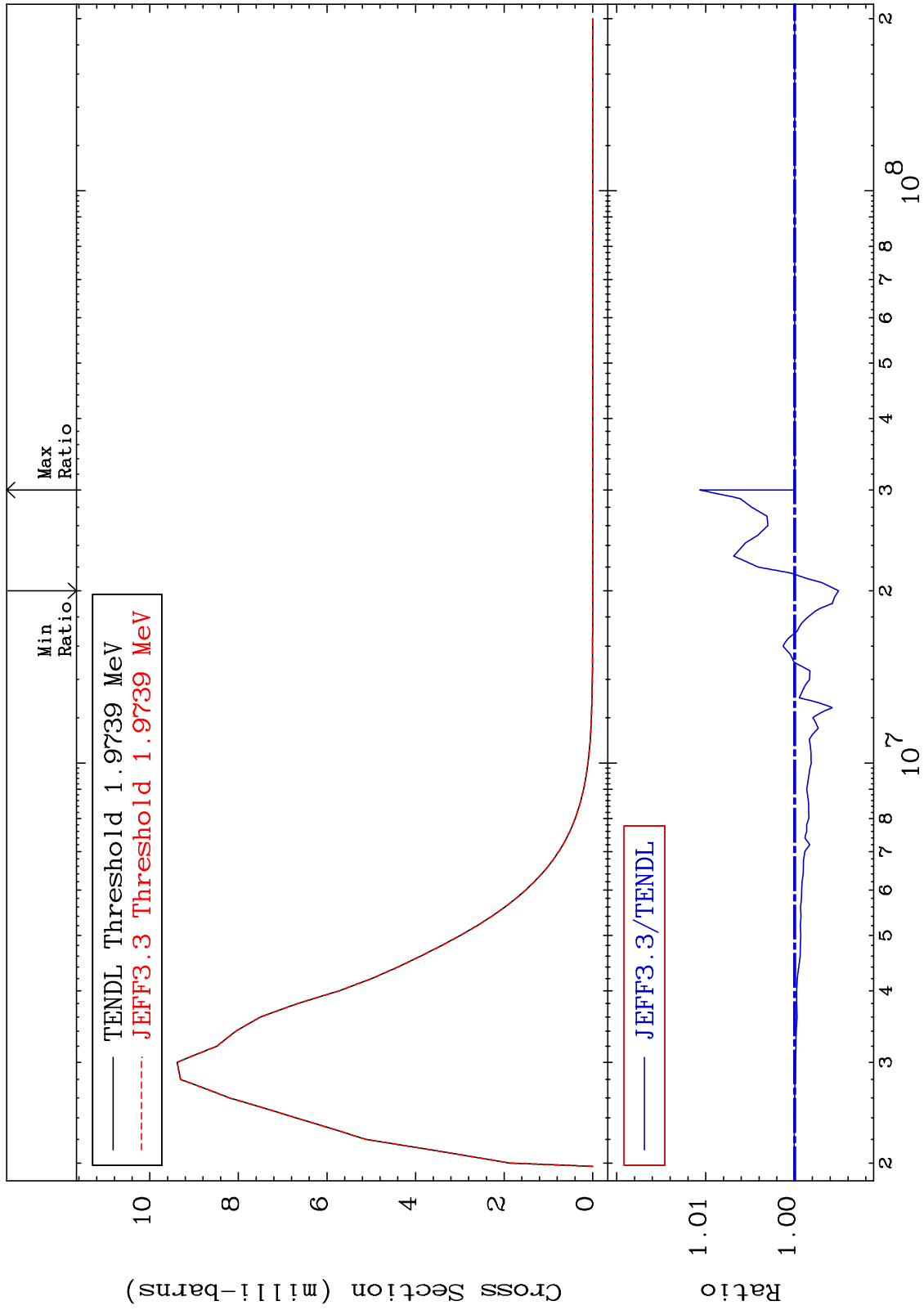
MAT 2125

Dpa disappearance (mt102 -120)
Cross Section

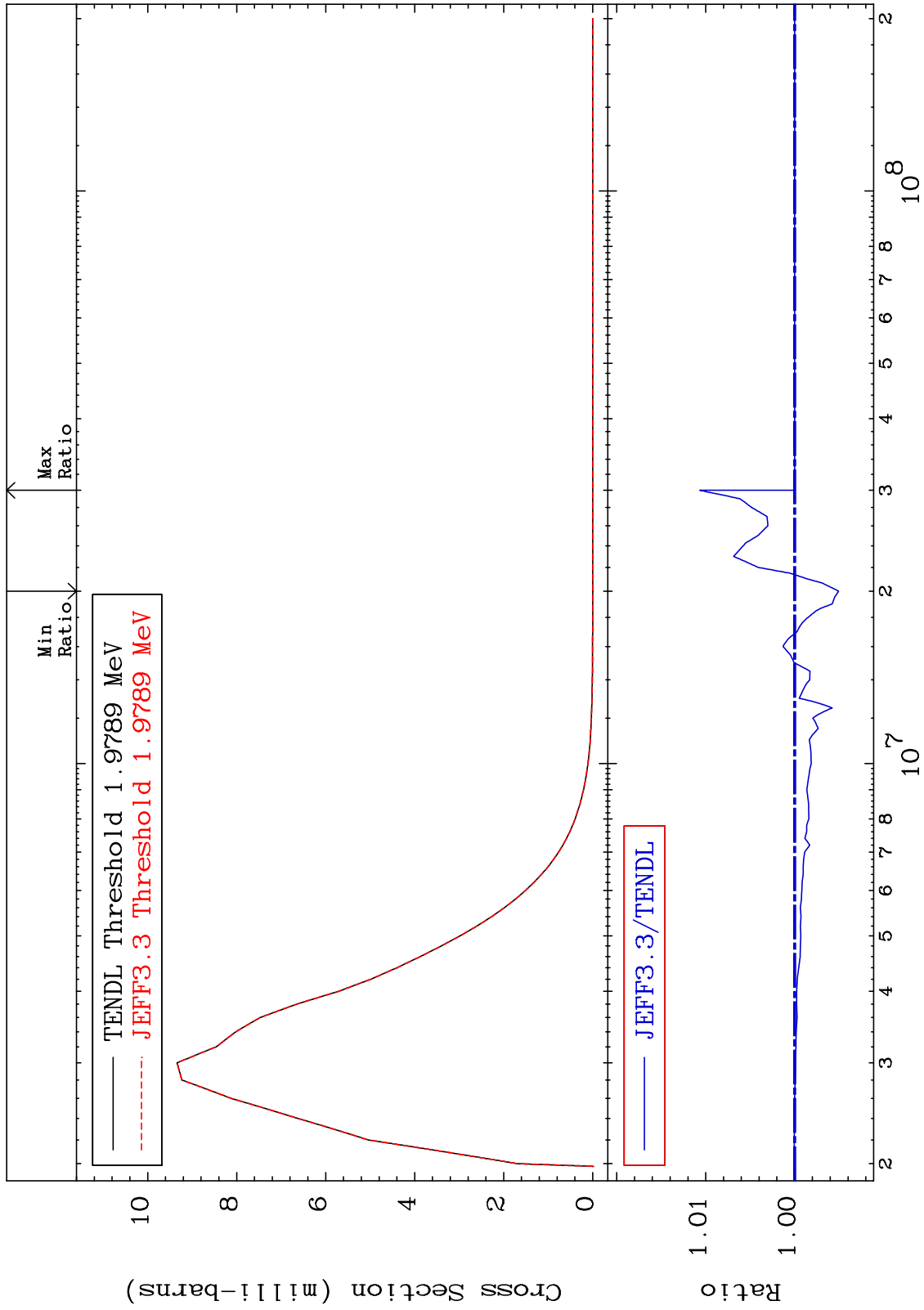
21-Sc-45
-85.72 To 9999. %



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



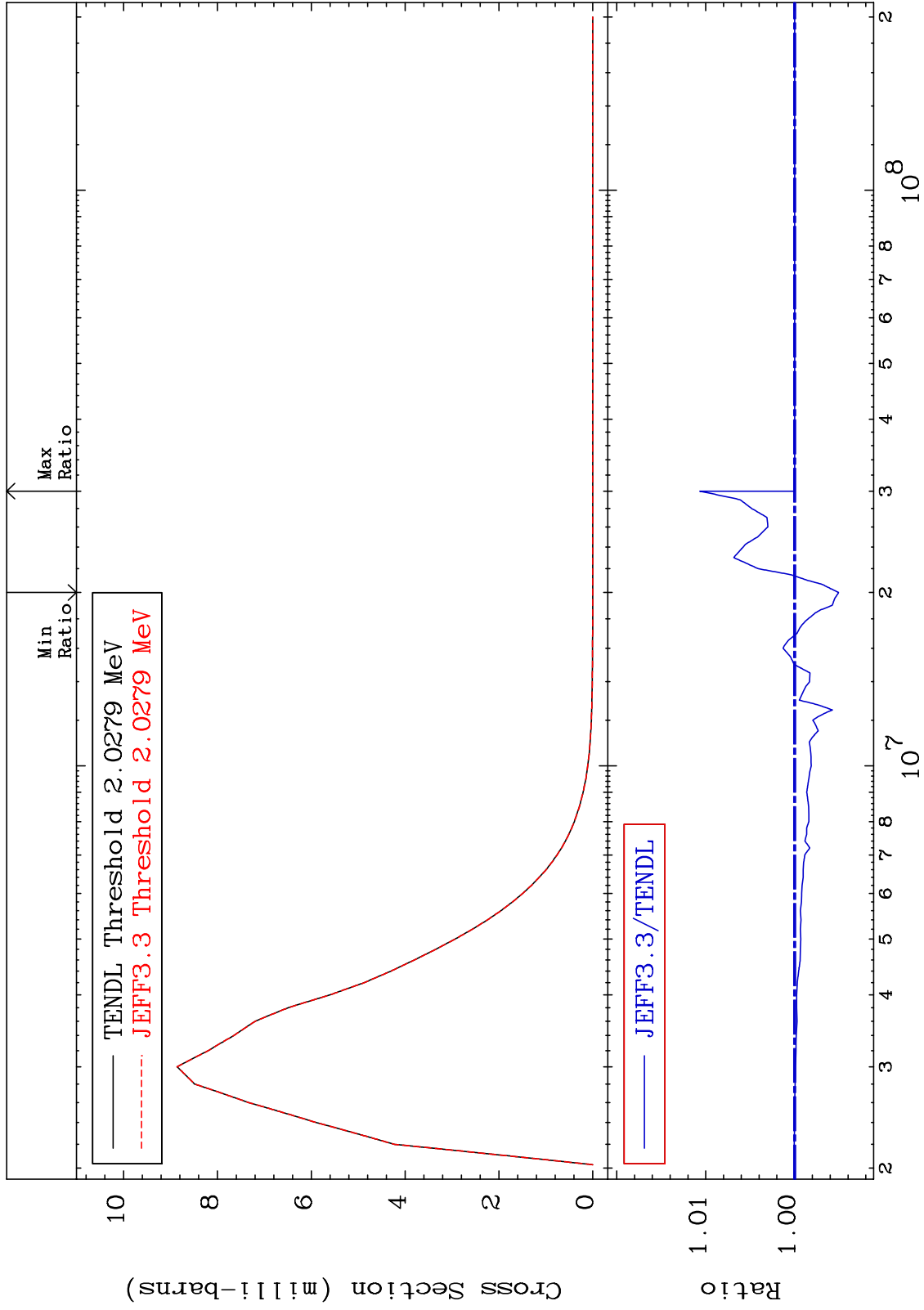
MAT 2125 MT= 70 (n,n') Level Cross Section 21-Sc-45
-0.494 To 1.066 %



MAT 2125

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

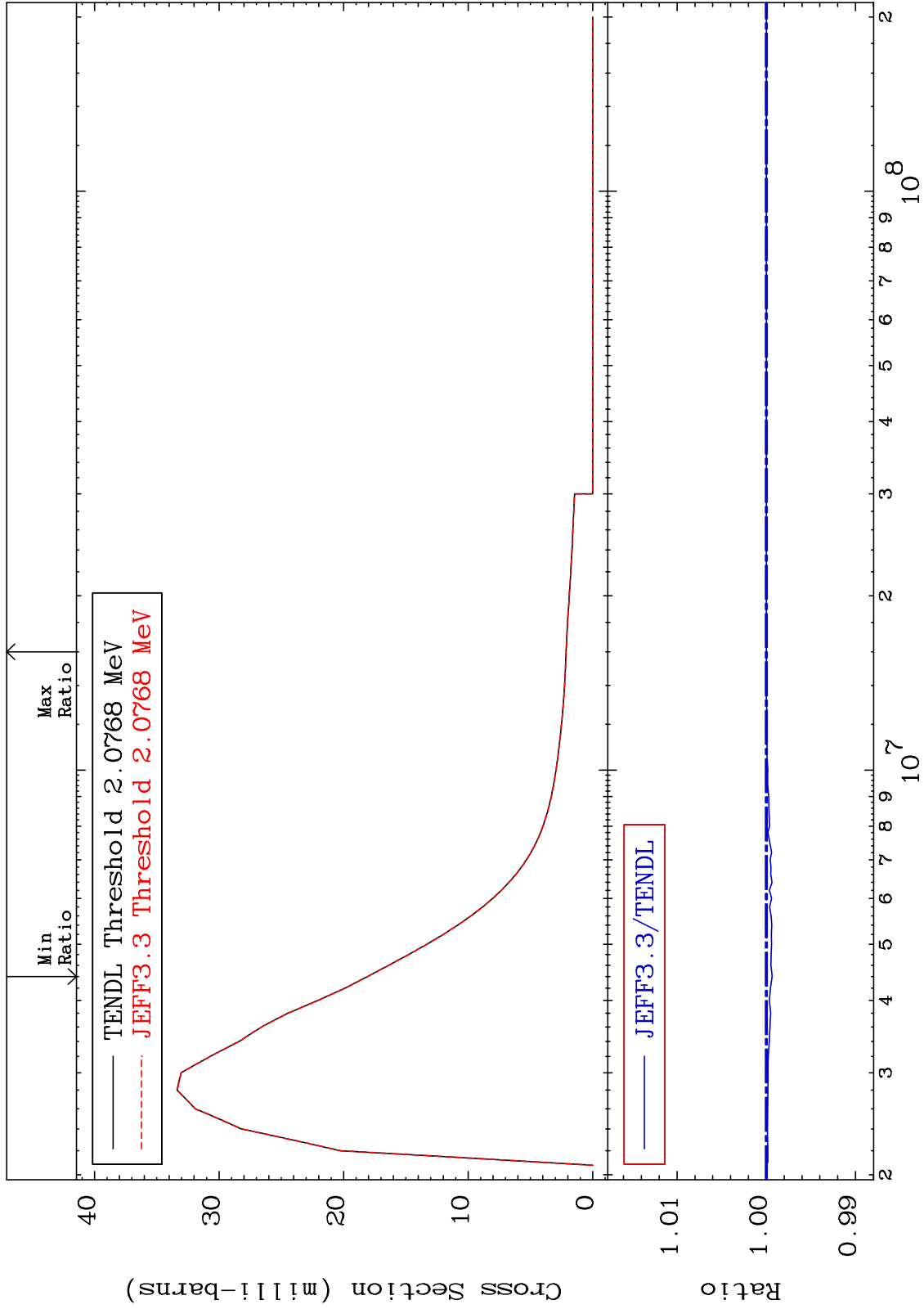
21-Sc-45
-0.494 To 1.066 %



MAT 2125

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

21-Sc-45
-0.066 To 0.000 %

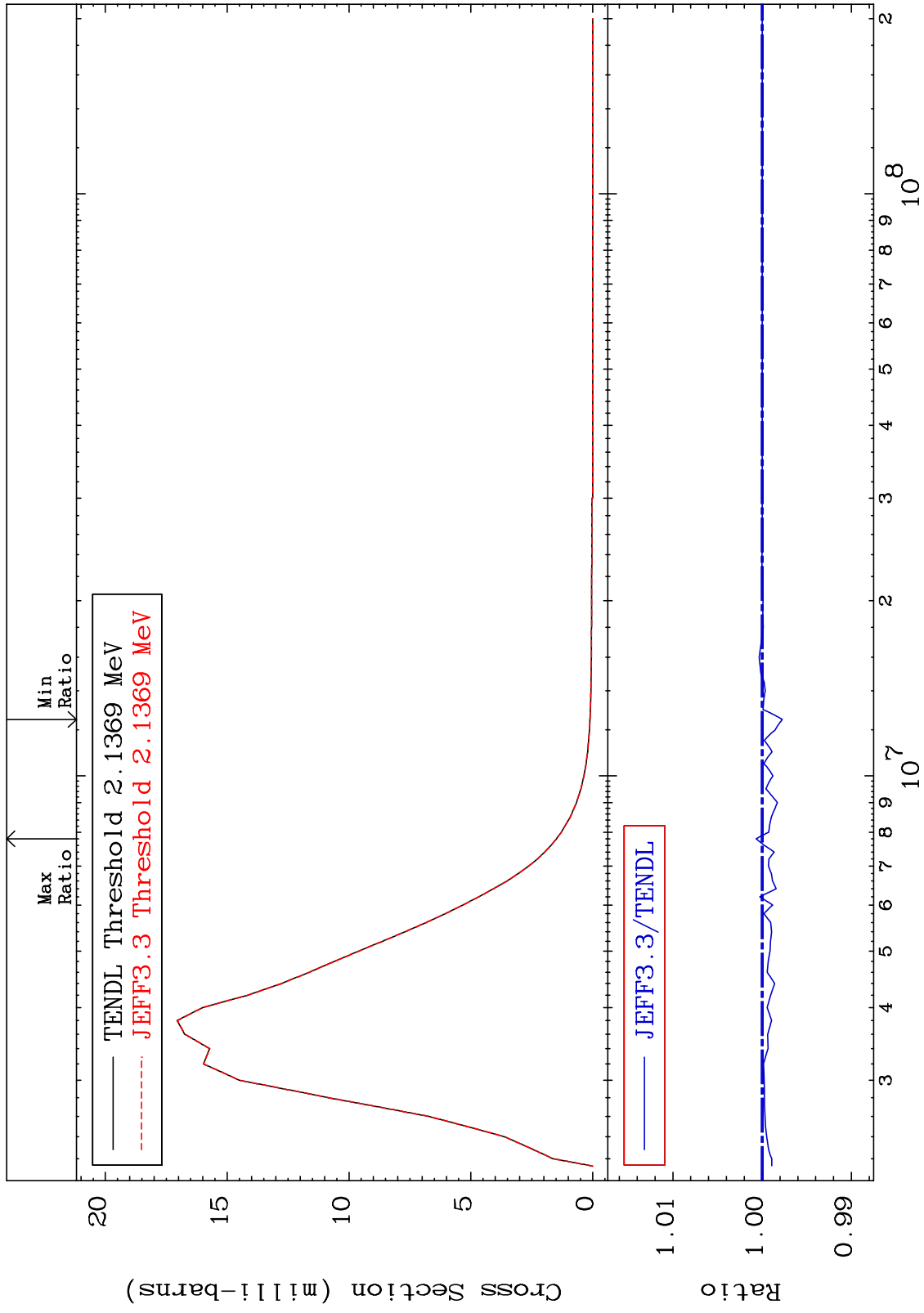


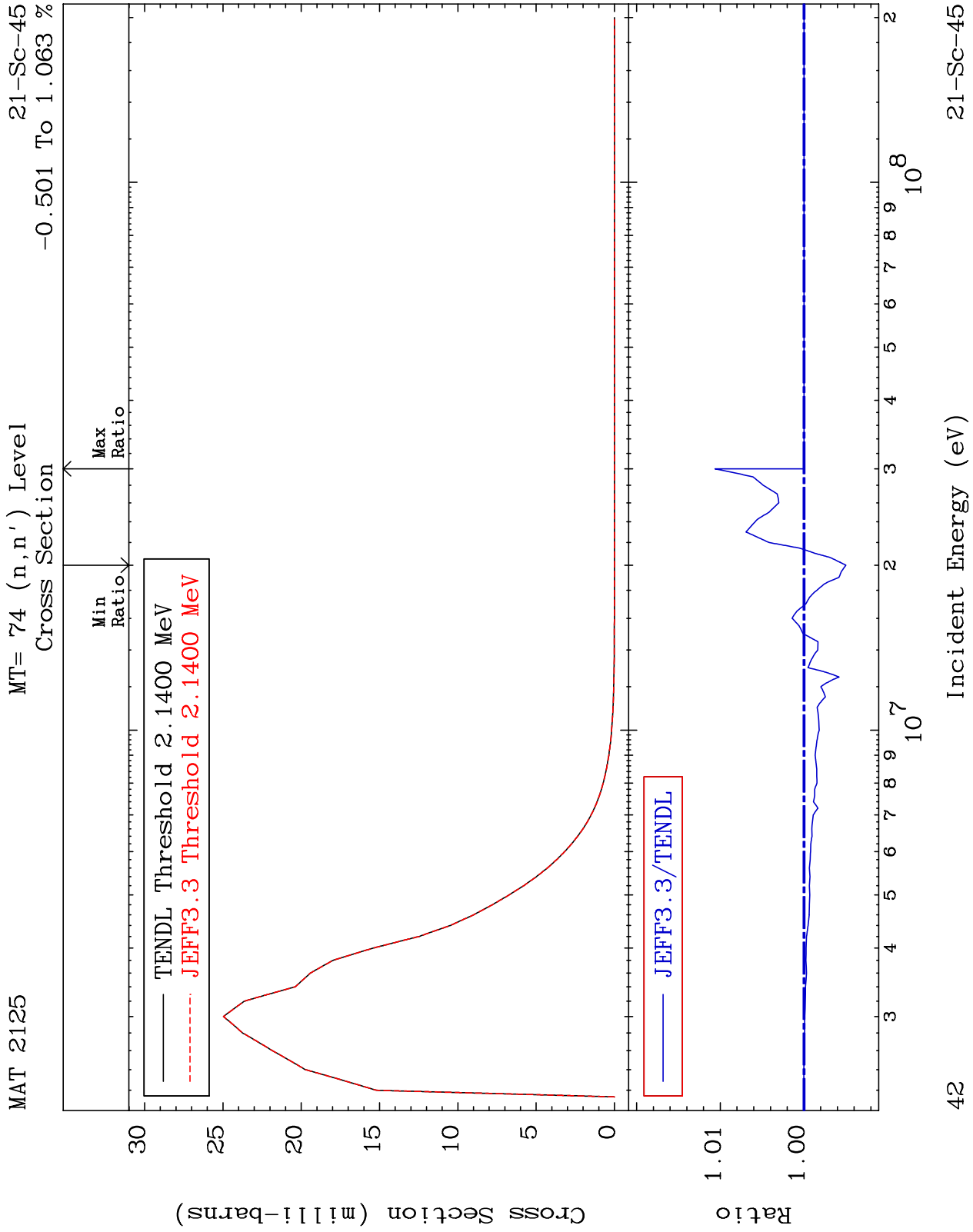
40

Incident Energy (eV)

21-Sc-45

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

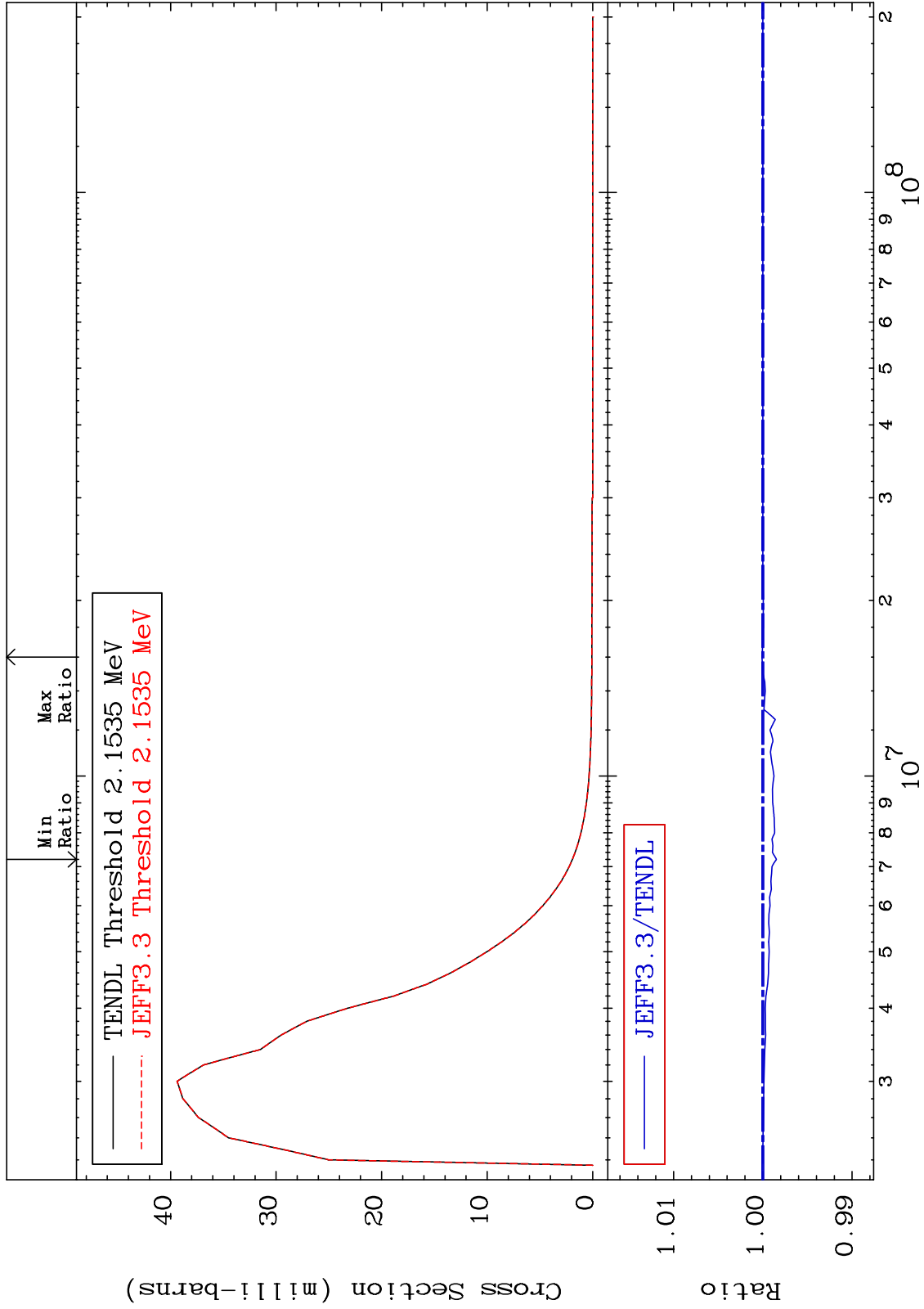




MAT 2125

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

21-Sc-45
-0.152 To 0.010 %



43

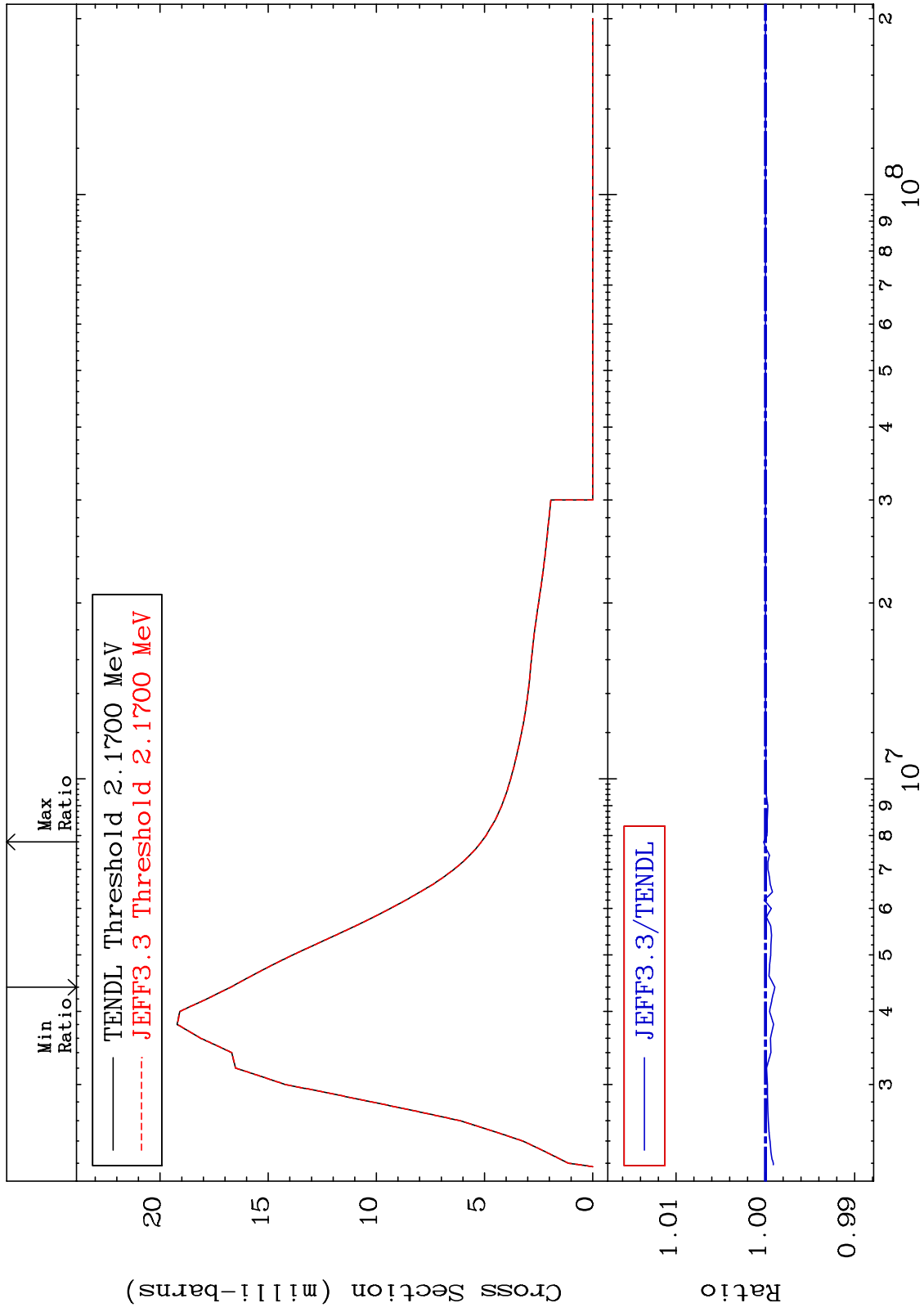
Incident Energy (eV)

21-Sc-45

MAT 2125

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

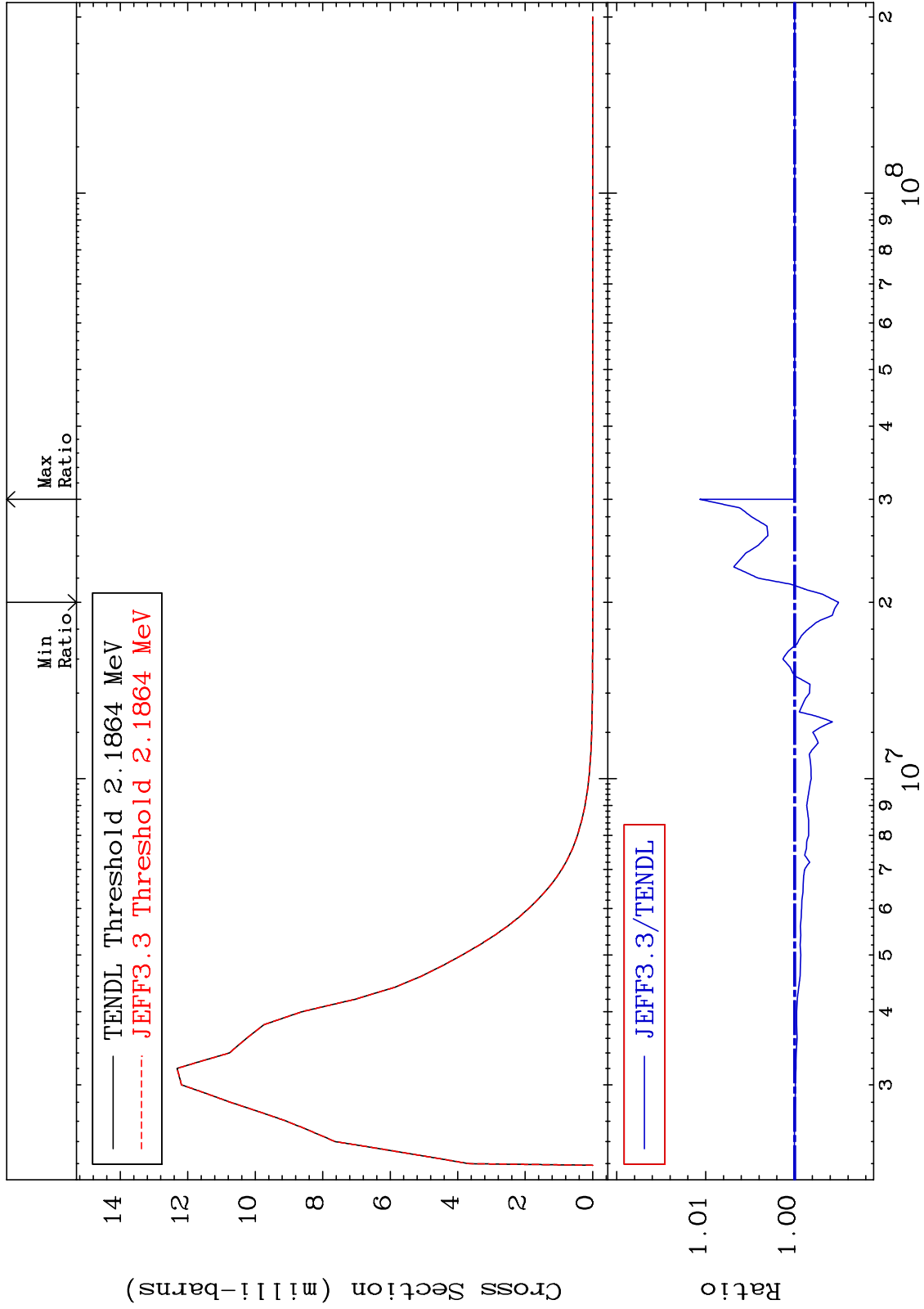
21-Sc-45
-0.106 To 0.019 %



MAT 2125

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

21-Sc-45
-0.494 To 1.066 %

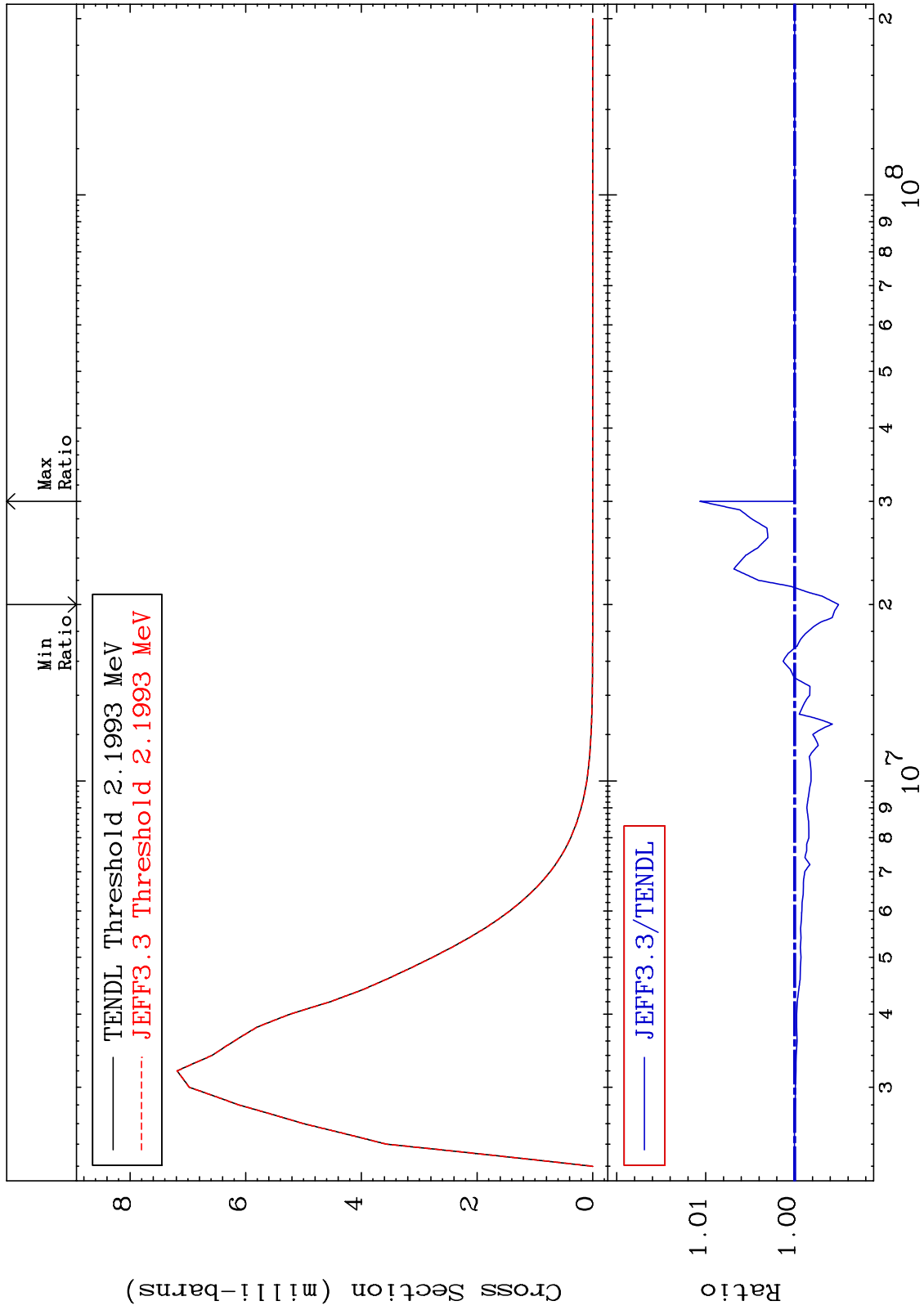


45

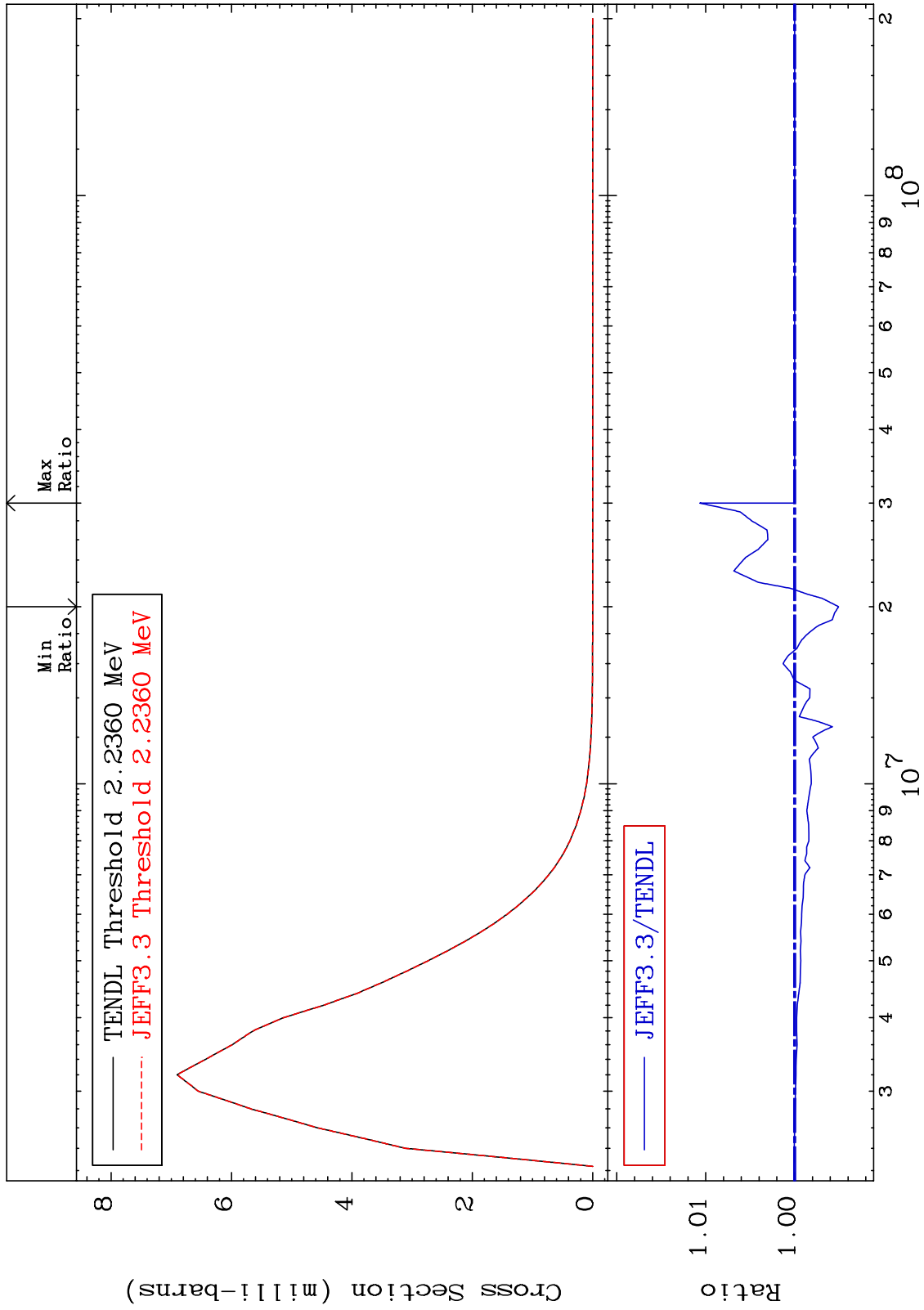
Incident Energy (eV)

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

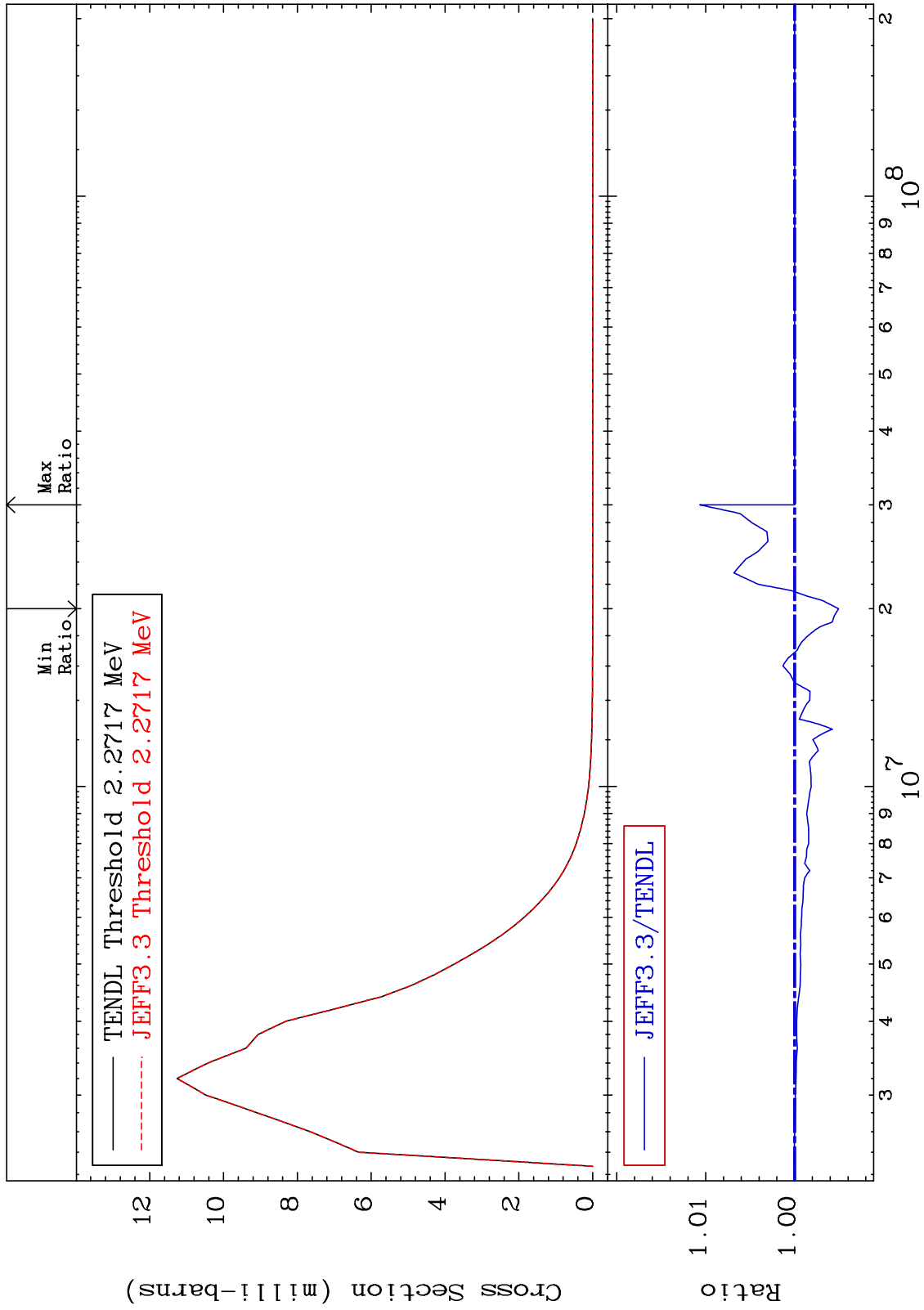


47 Incident Energy (eV) 21-Sc-45

MAT 2125

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

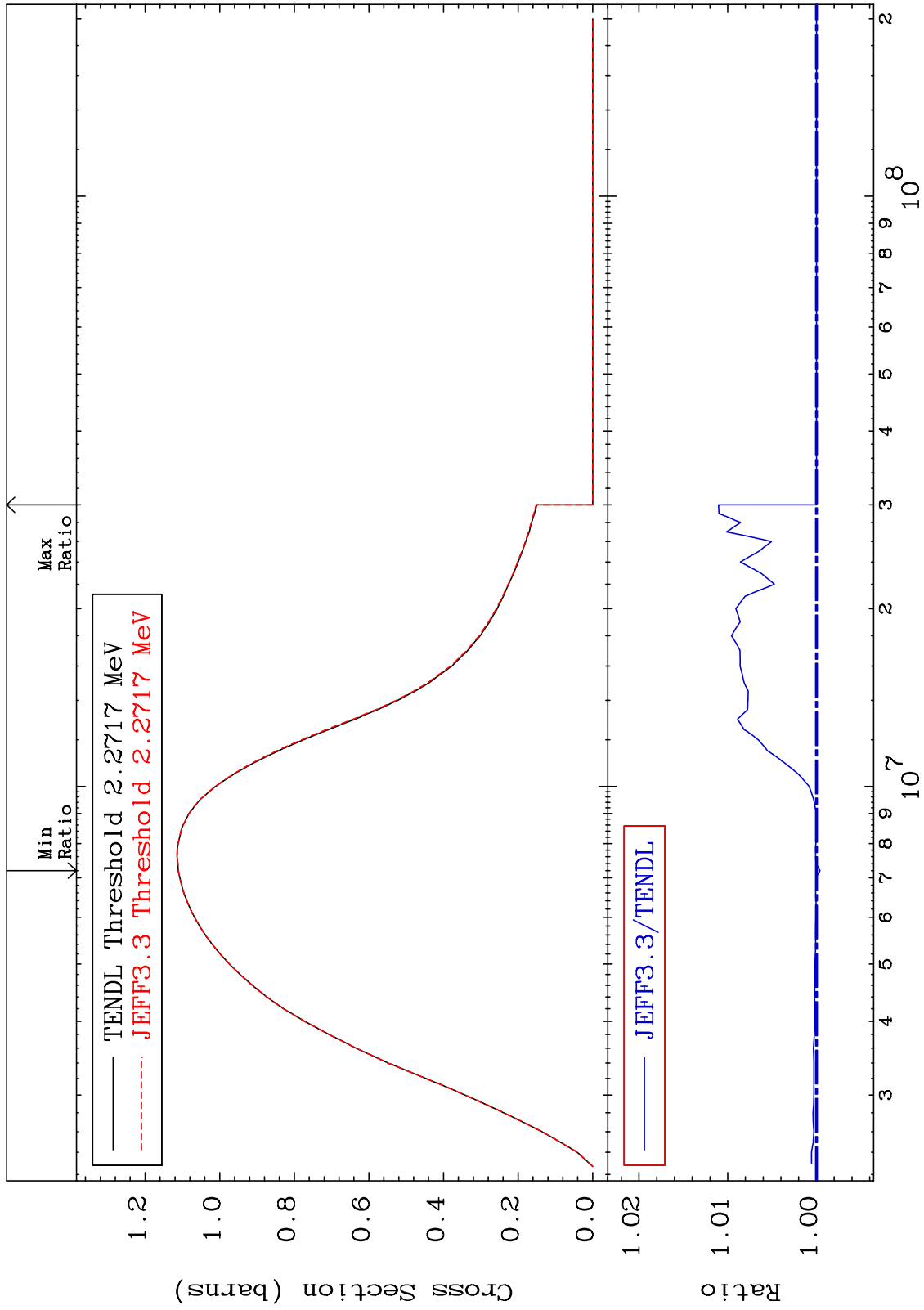
21-Sc-45
-0.494 To 1.066 %



MAT 2125

(n,n') Continuum
Cross Section

21-Sc-45
-0.040 To 1.104 %



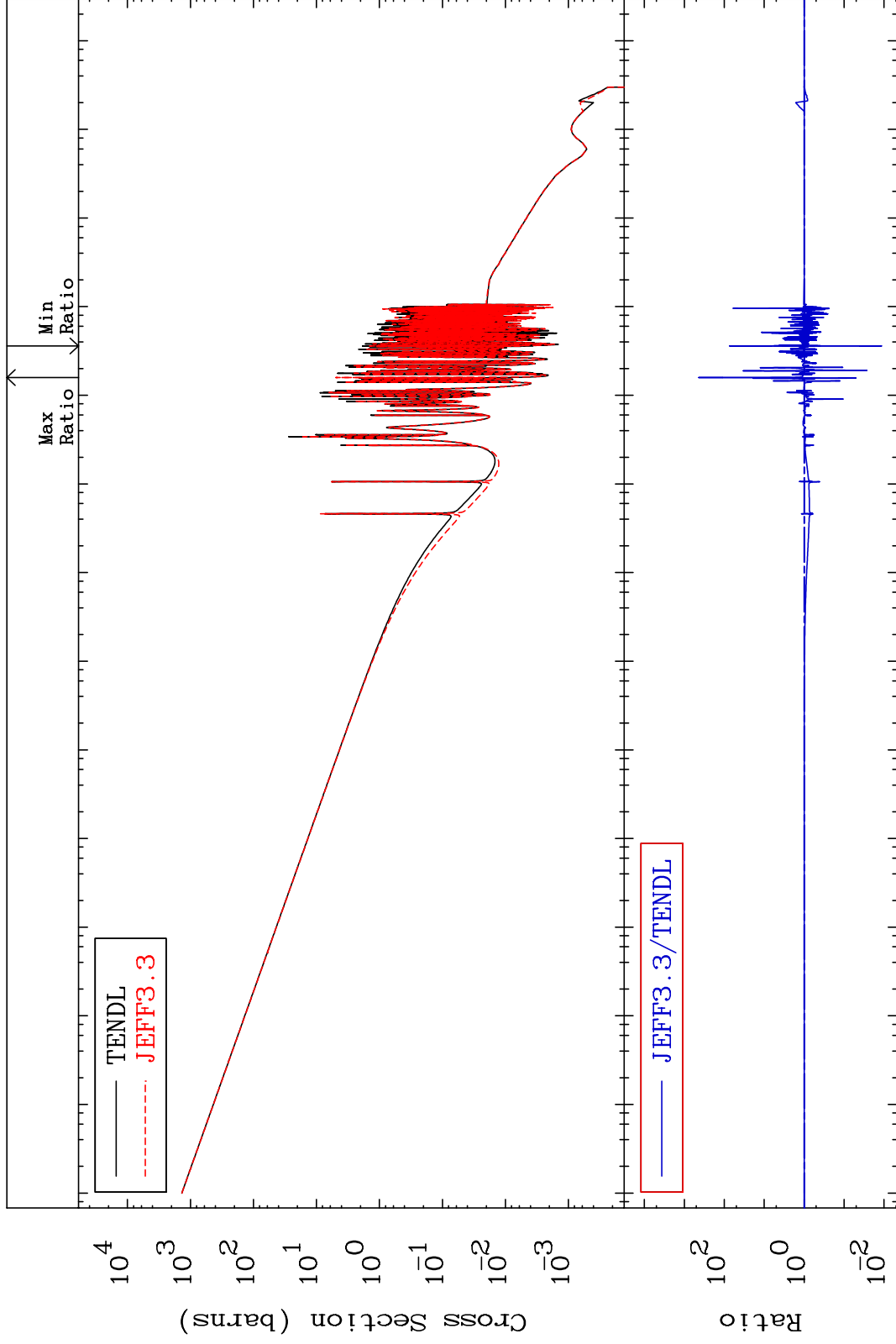
MAT 2125

(n, γ)

21-Sc-45

Cross Section

-98.85 To 9999. %



50

Incident Energy (eV)

21-Sc-45

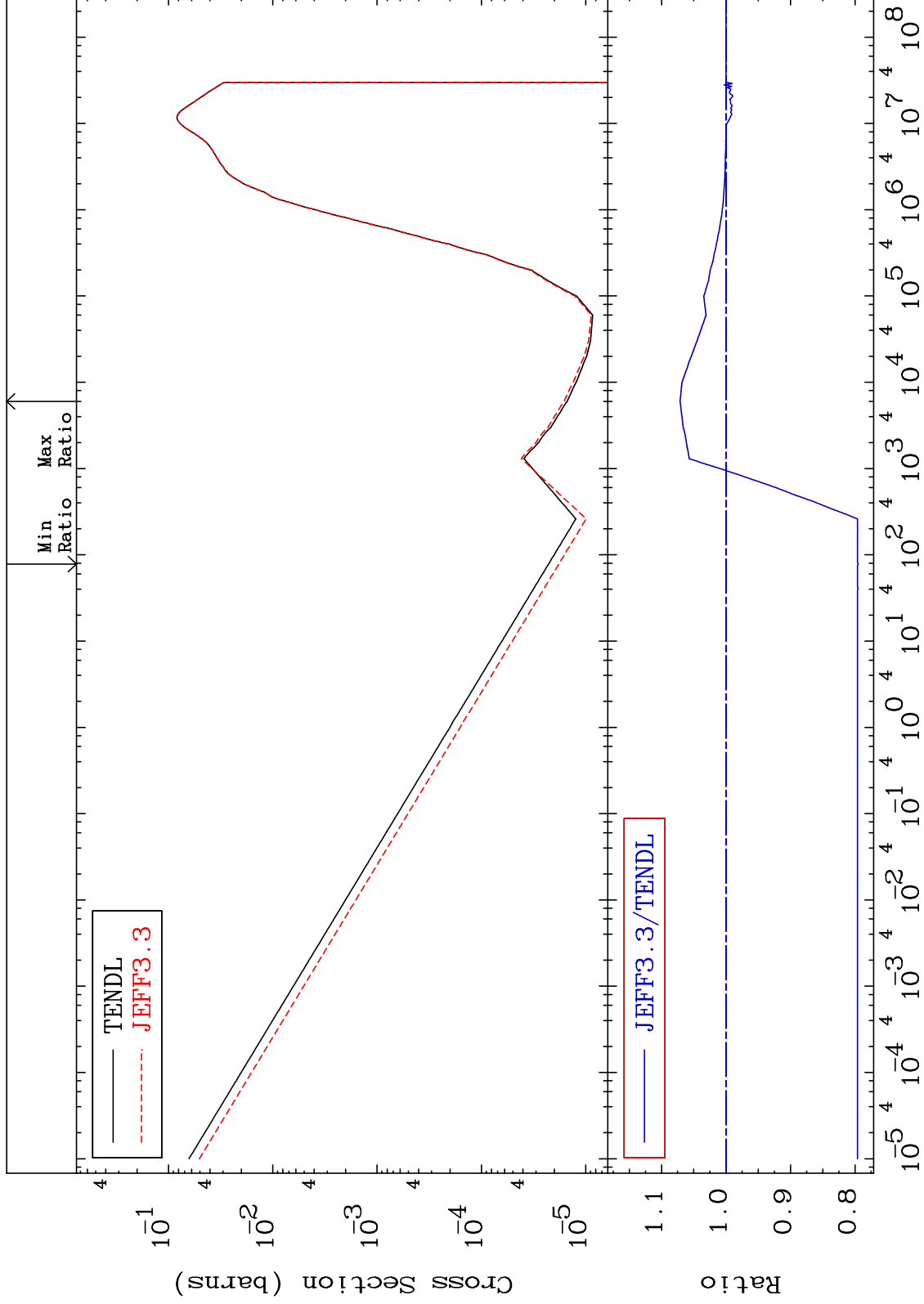
MAT 2125

(n,p)

21-Sc-45

Cross Section

-20.53 To 7.132 %



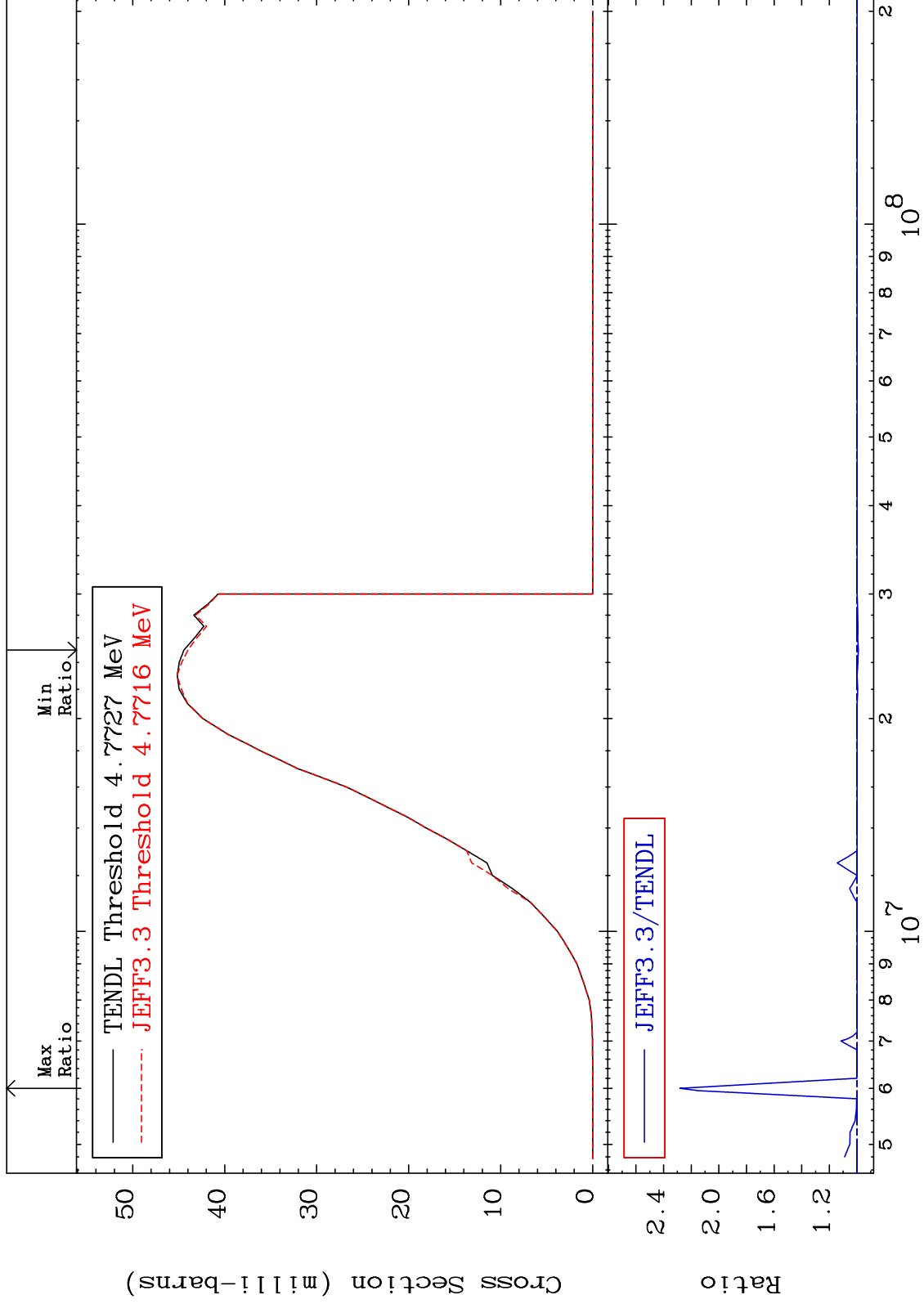
MAT 2125

(n, d)

21-Sc-45

Cross Section

-1.005 To 128.1 %



52

21-Sc-45

21-Sc-45

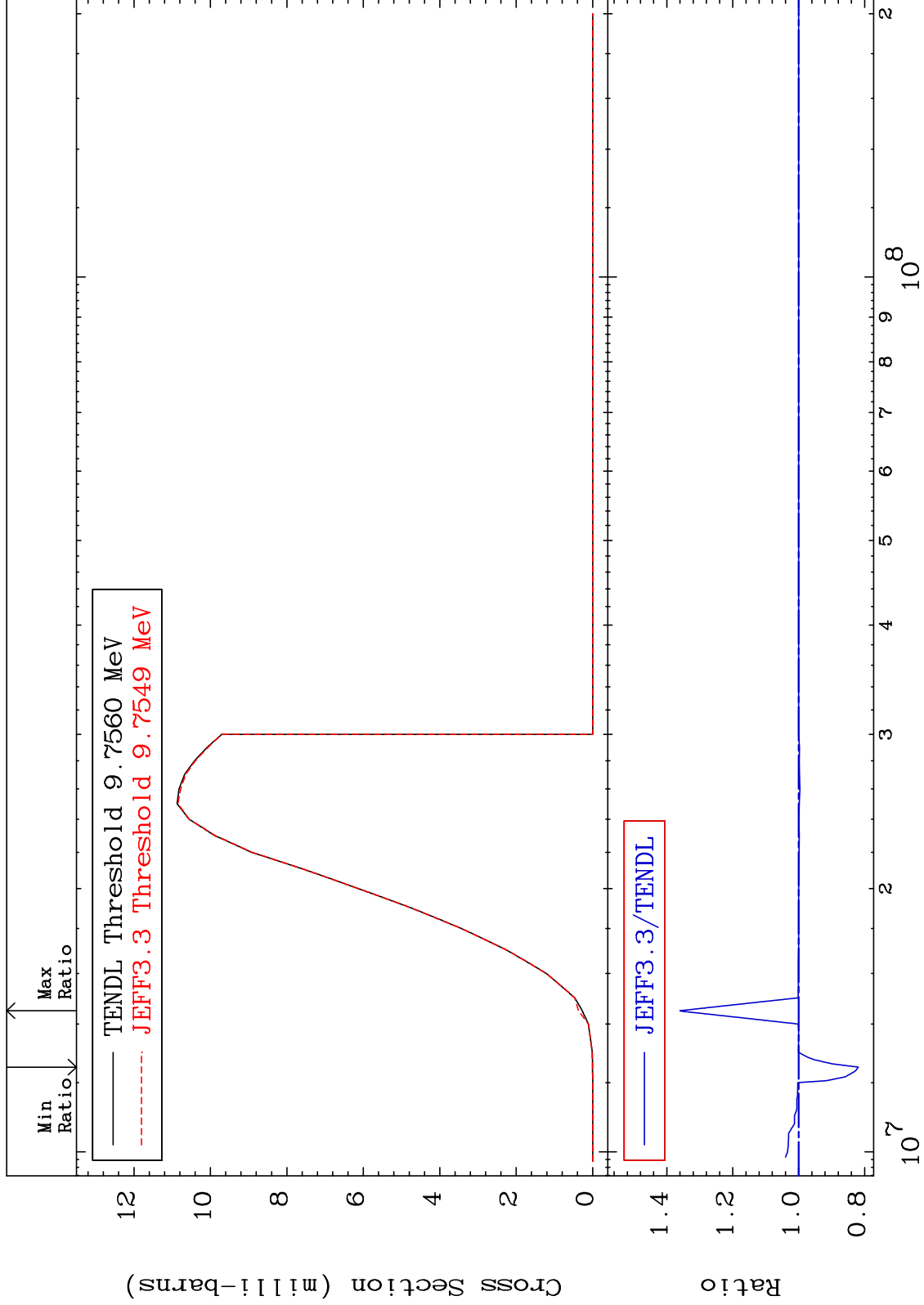
MAT 2125

(n, t)

21-Sc-45

Cross Section

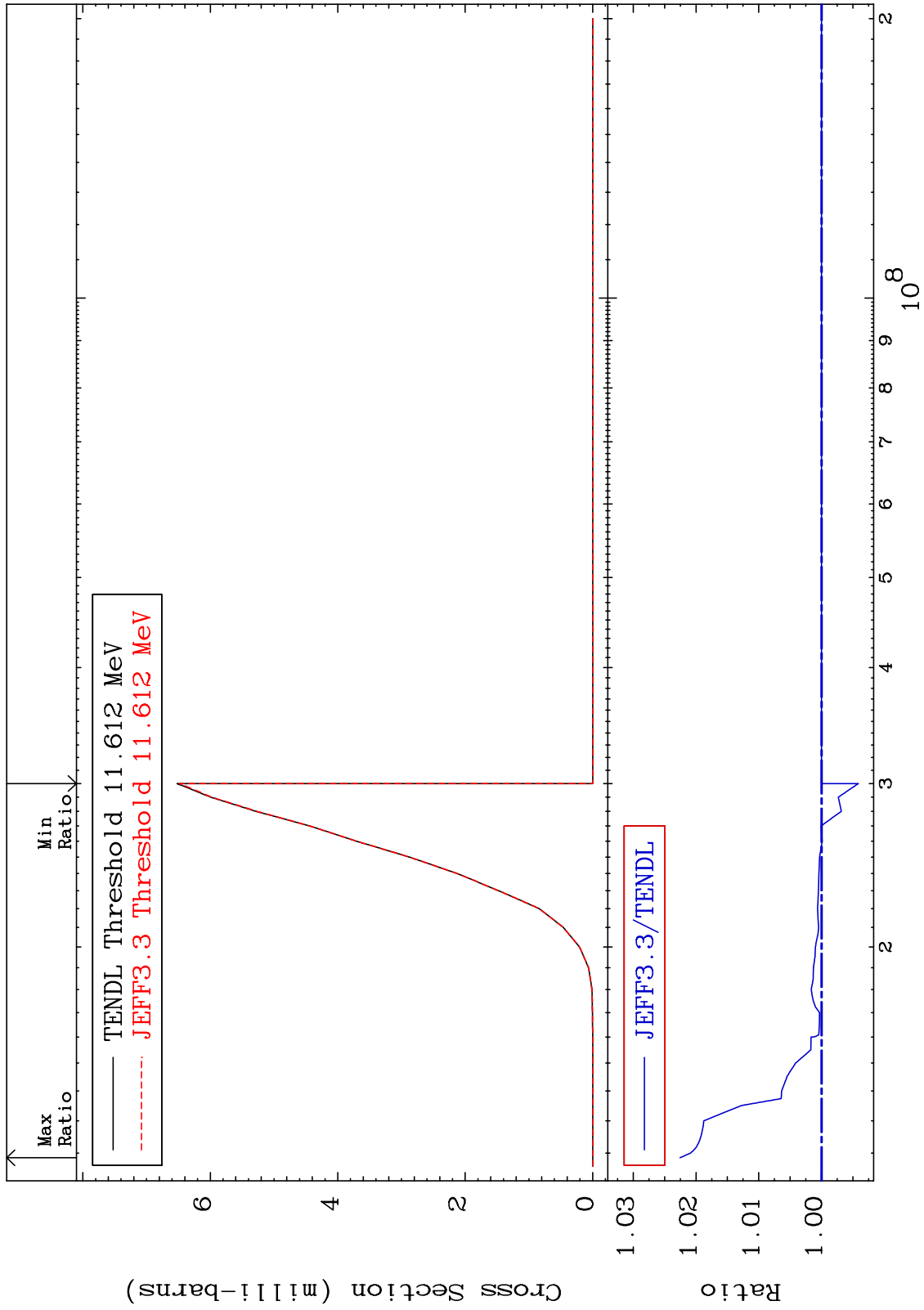
-18.12 To 36.00 %



53

Incident Energy (eV)

21-Sc-45



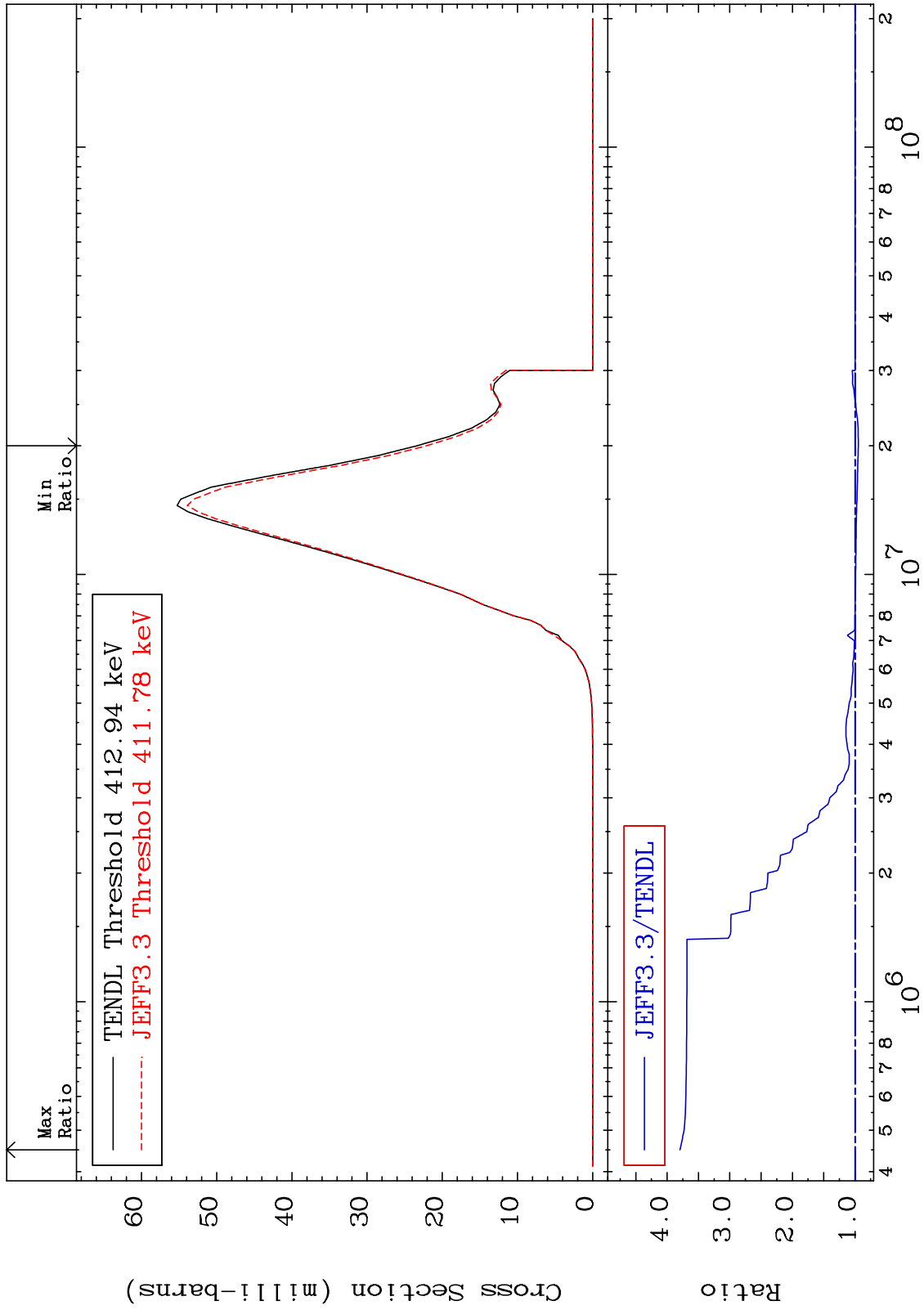
MAT 2125

(n, α)

21-Sc-45

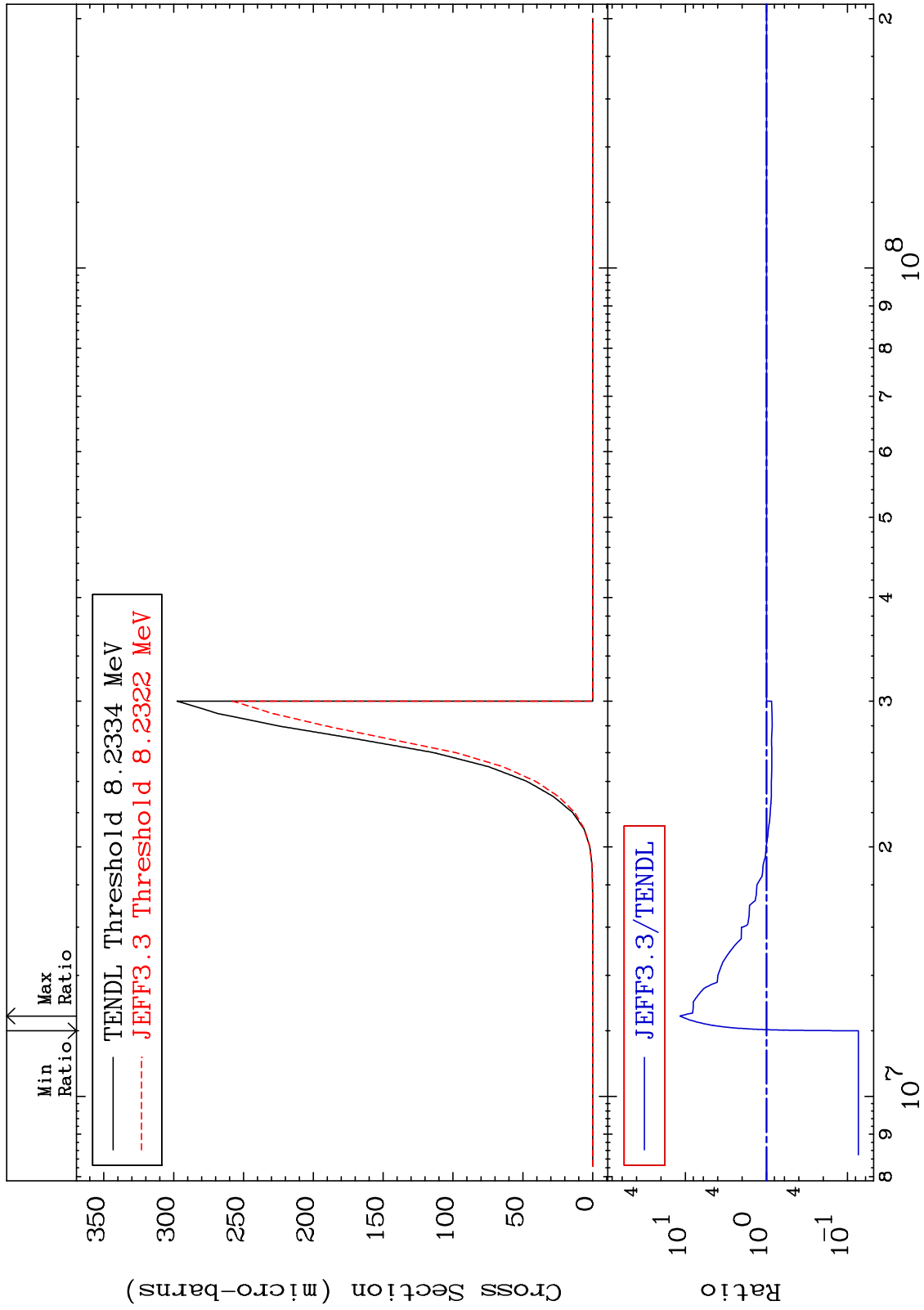
Cross Section

-5.403 To 279.4 %



55

21-Sc-45



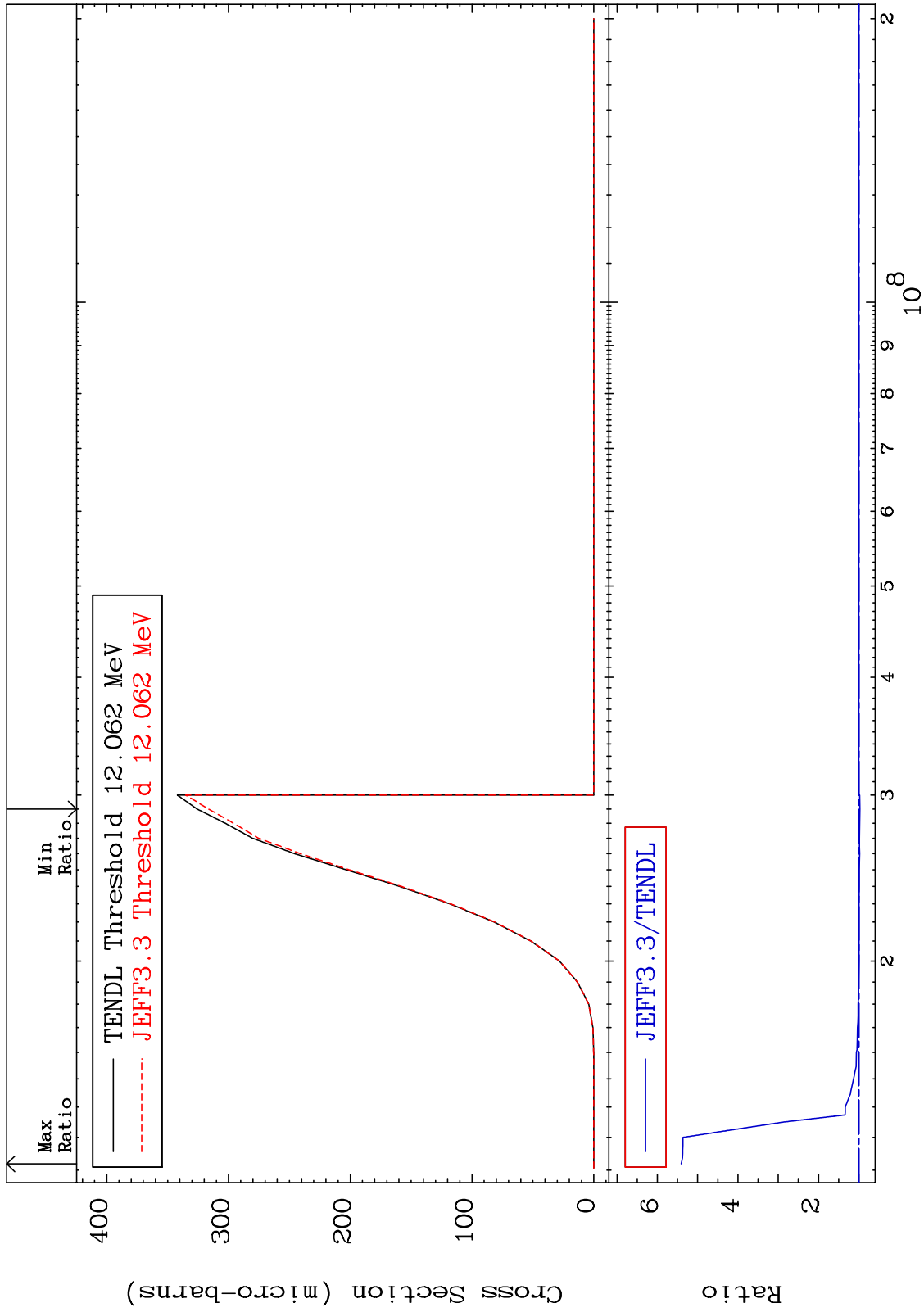
MAT 2125

(n,2p)

21-Sc-45

Cross Section

-2.873 To 440.7 %



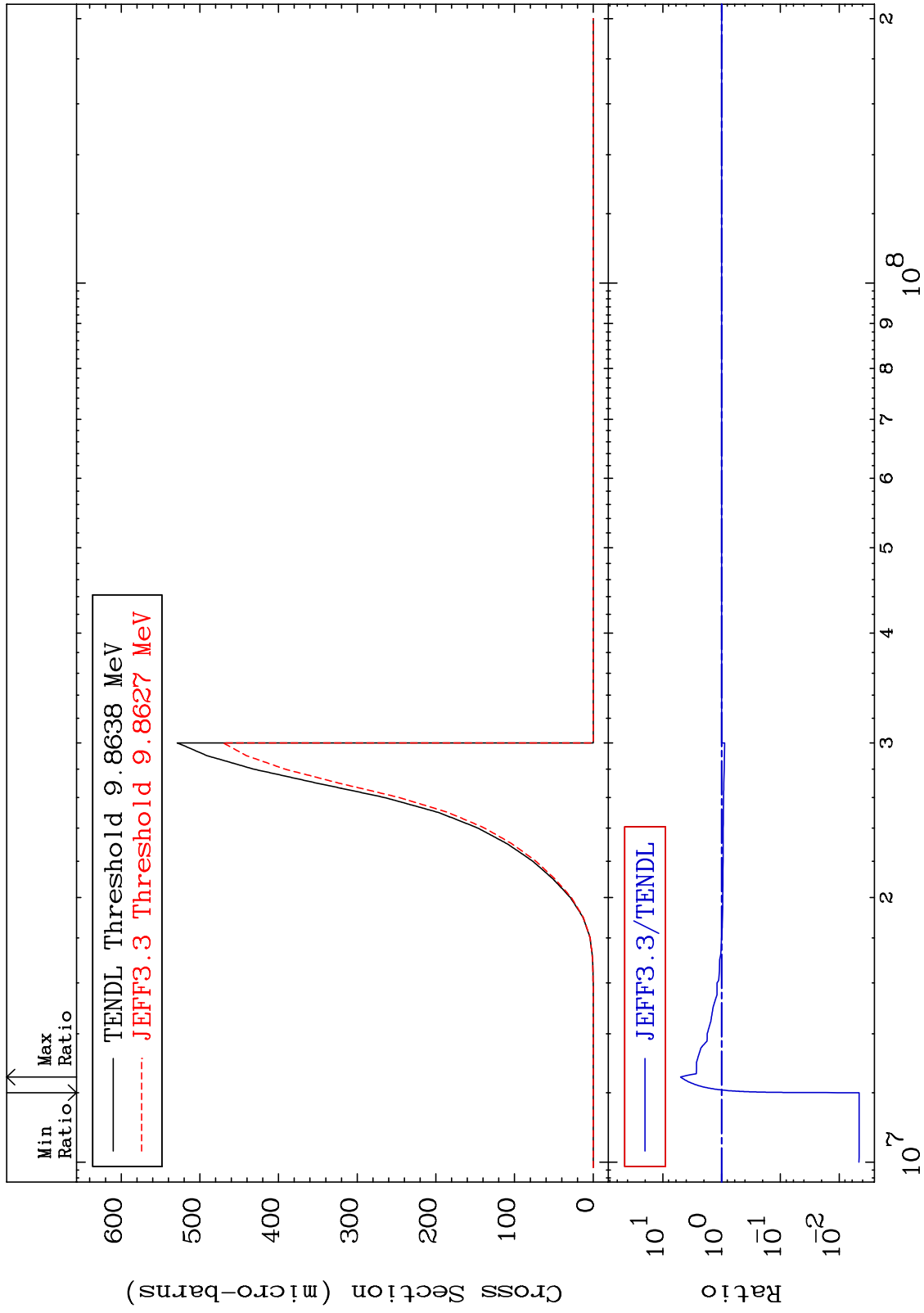
MAT 2125

(n,p) α

21-Sc-45

Cross Section

-99.54 To 399.7 %



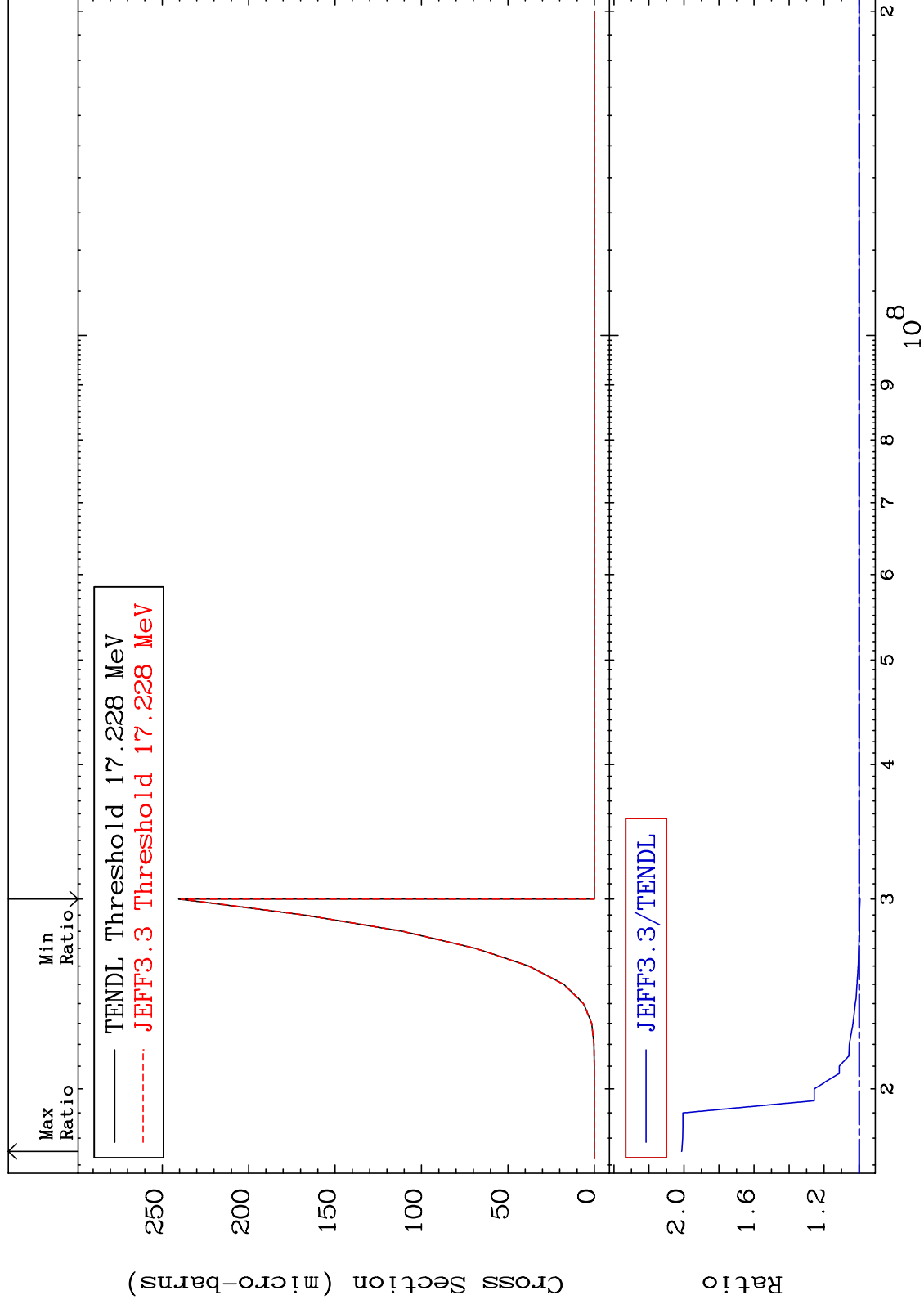
MAT 2125

(n,p) d

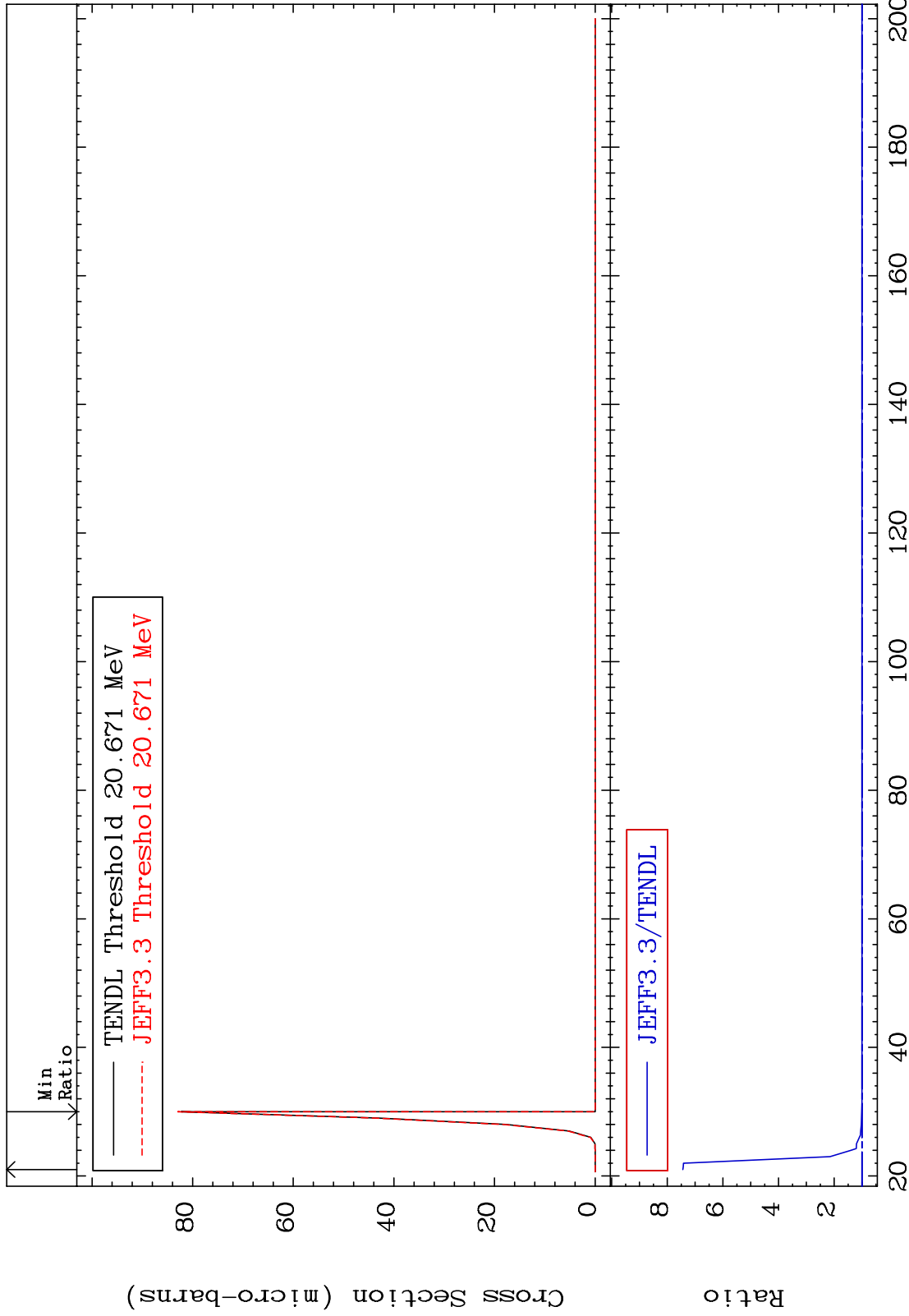
21-Sc-45

Cross Section

-0.566 To 101.3 %



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



Incident Energy (MeV) 21-Sc-45

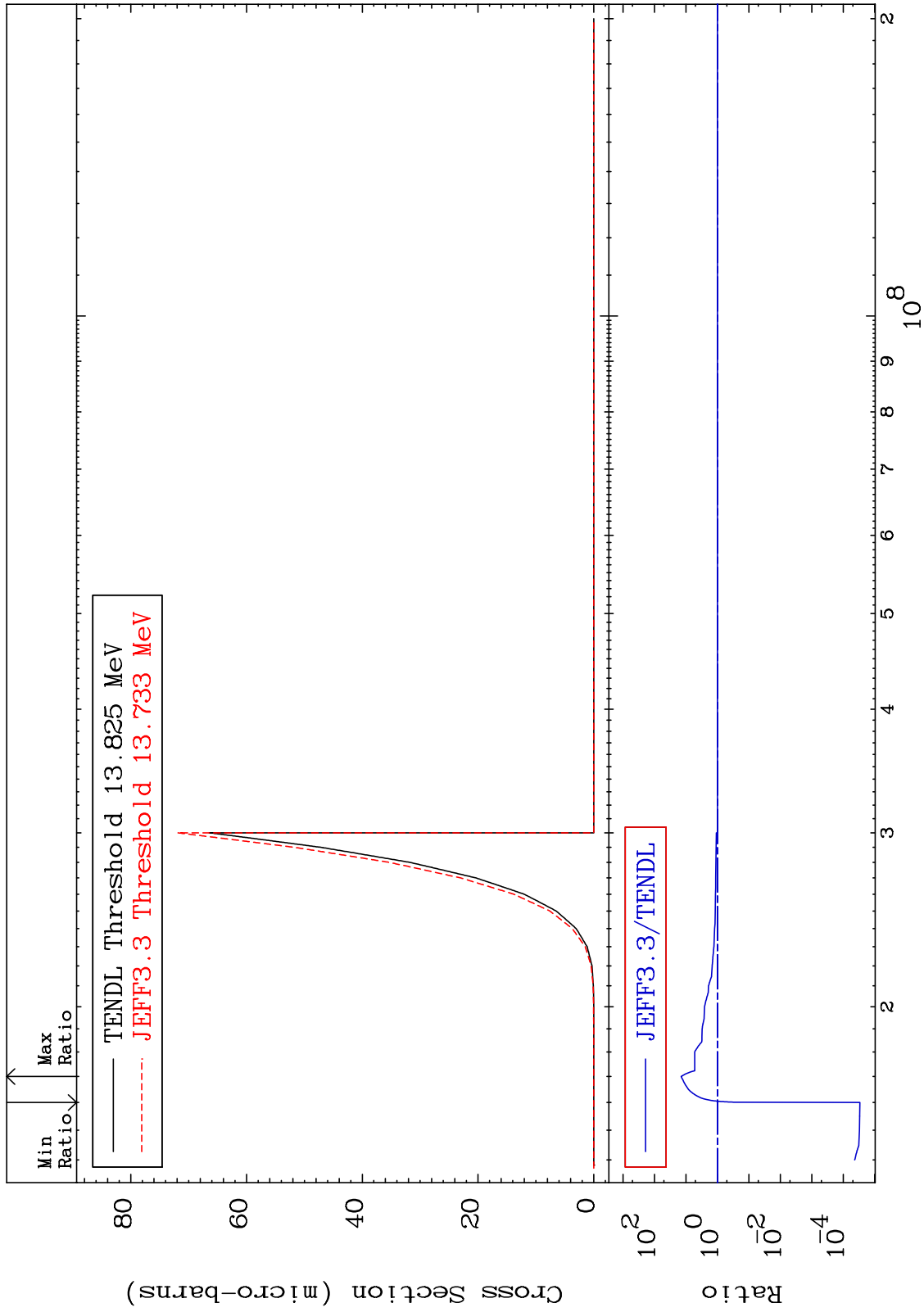
MAT 2125

(n,d) α

21-Sc-45

Cross Section

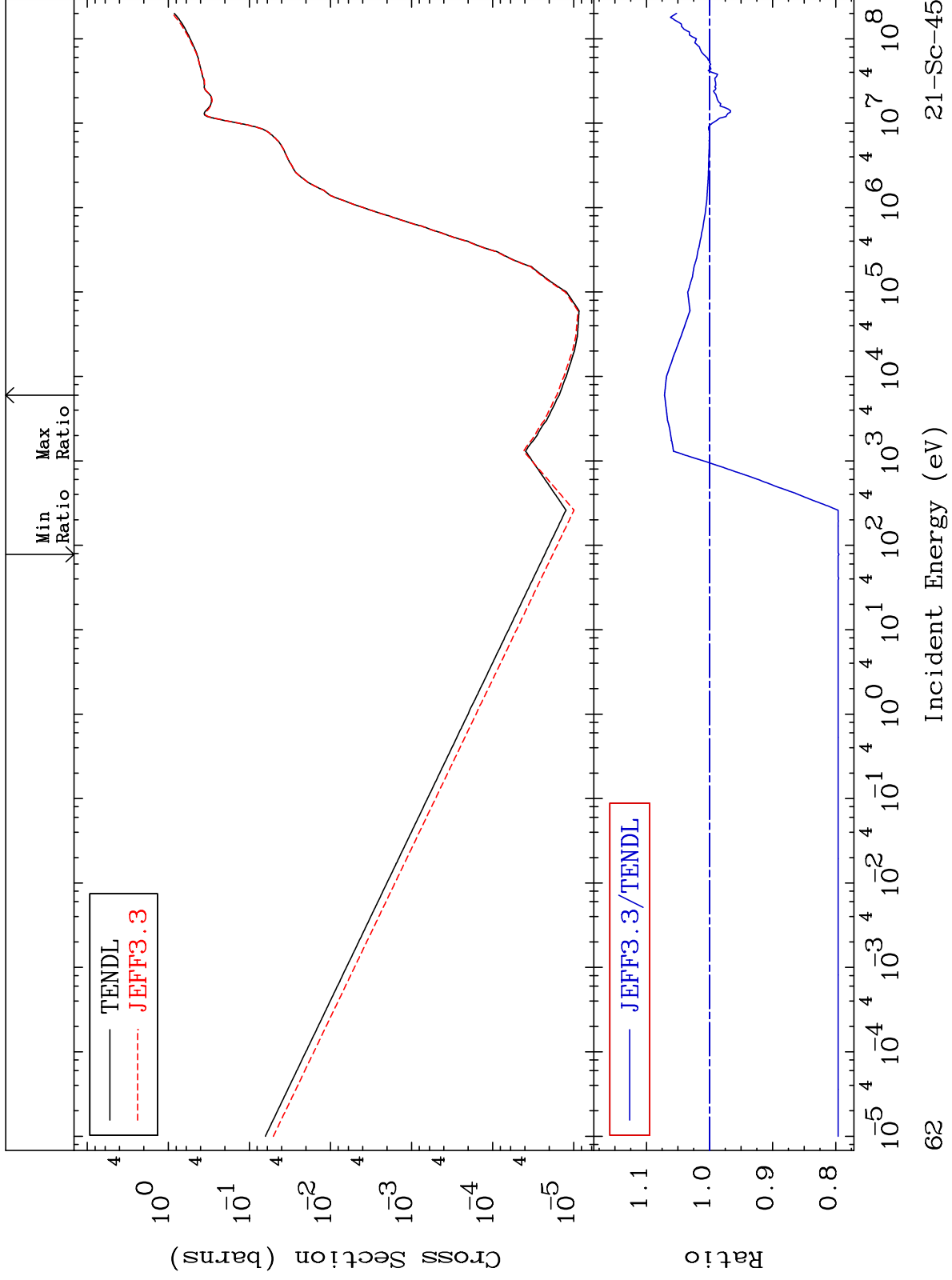
-100.0 To 1311. %



MAT 2125

Hydrogen Production
Cross Section

21-Sc-45
-20.53 To 7.132 %



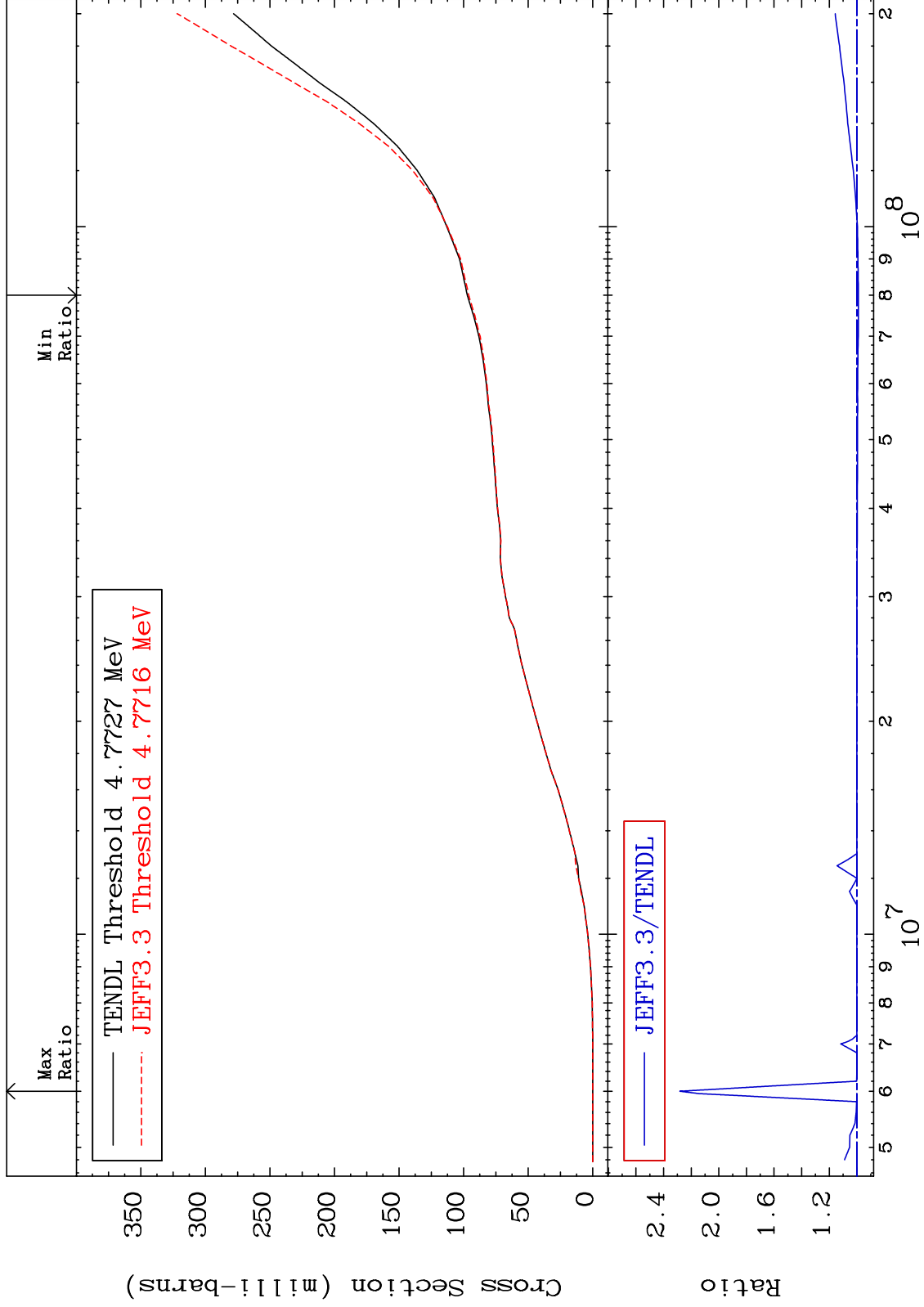
62

21-Sc-45

MAT 2125

Deuterium Production
Cross Section

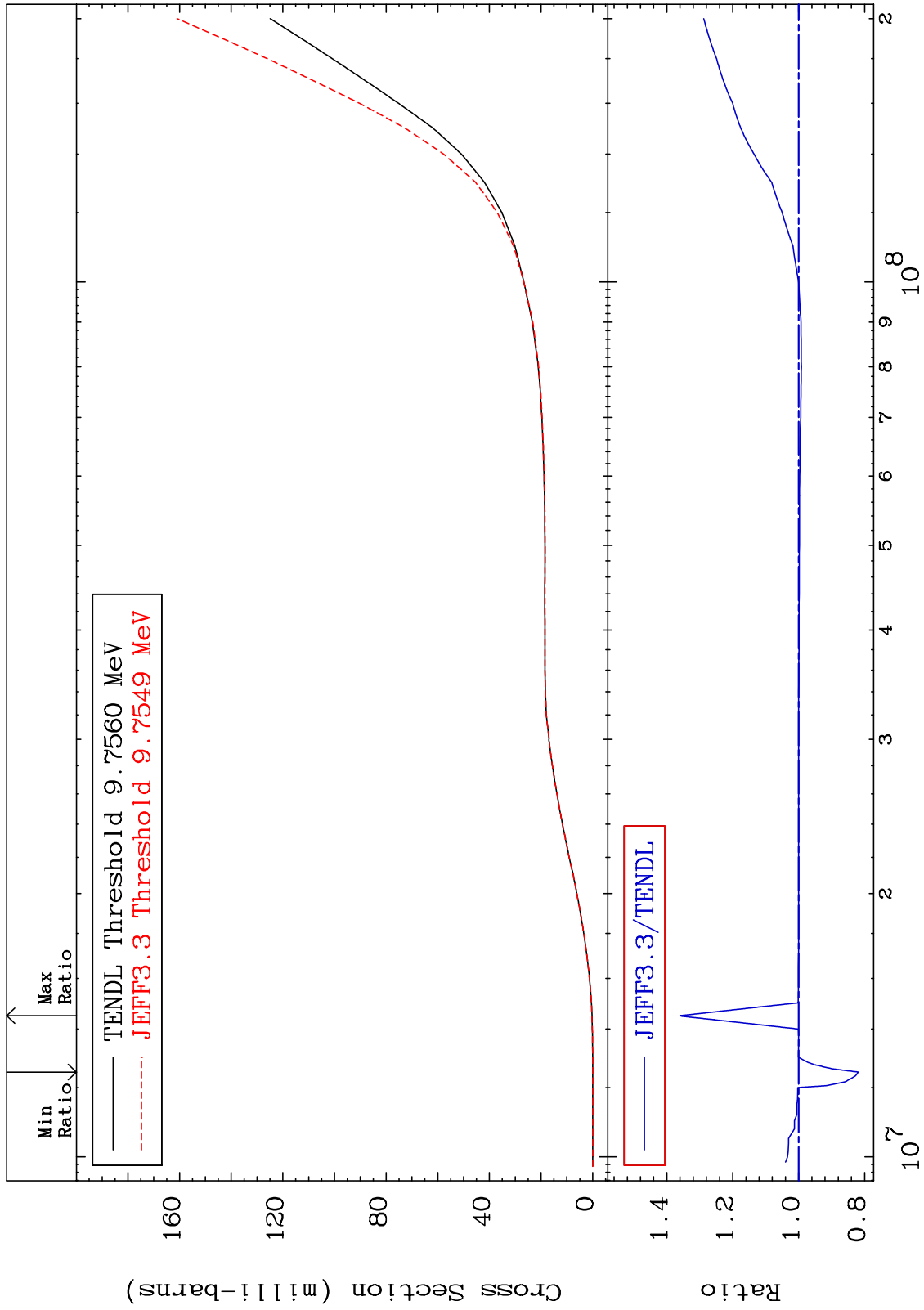
21-Sc-45
-1.102 To 128.1 %



MAT 2125

Tritium Production
Cross Section

21-Sc-45
-18.12 To 36.00 %



64

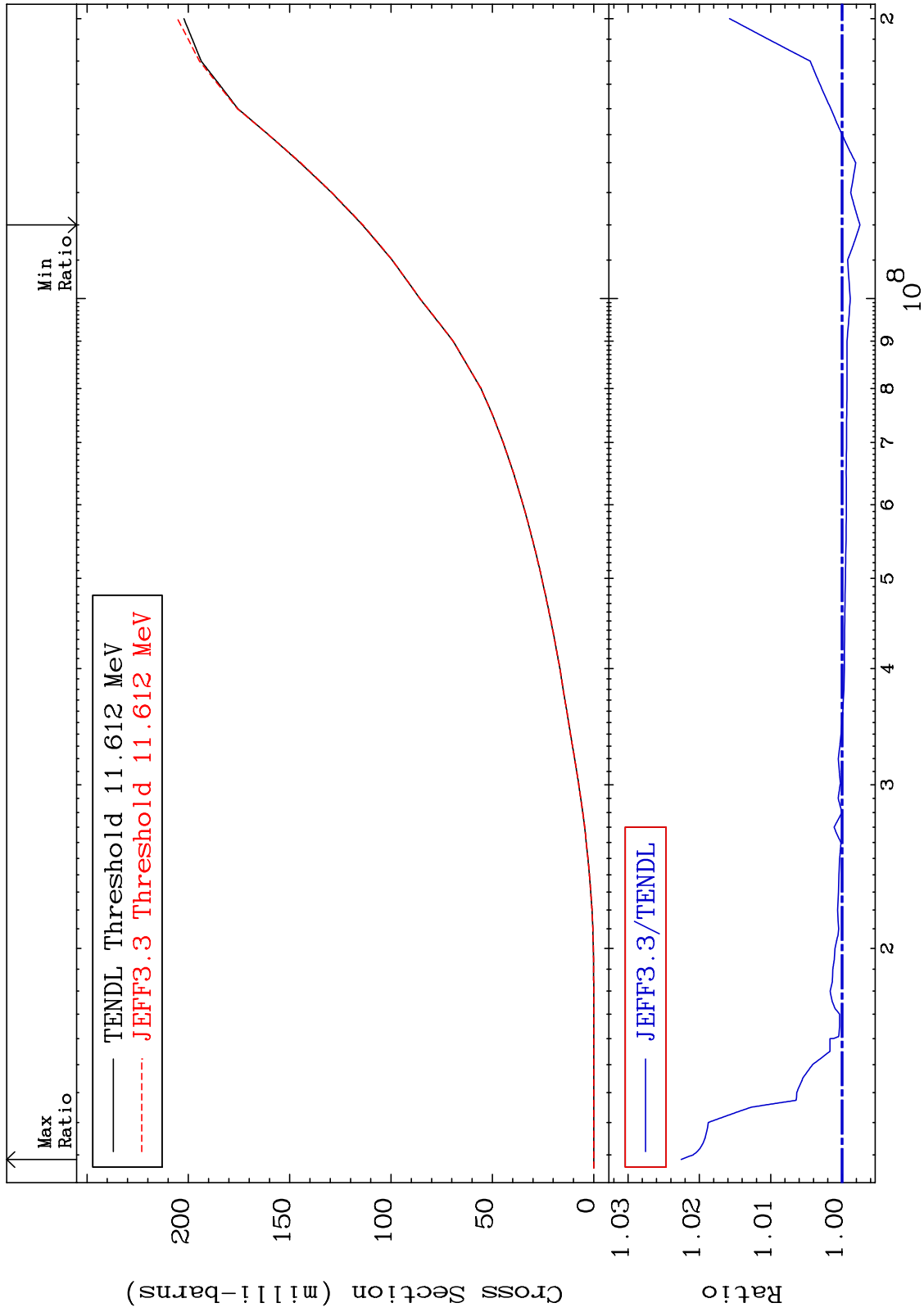
Incident Energy (eV)

21-Sc-45

MAT 2125

He-3 Production
Cross Section

21-Sc-45
-0.251 To 2.254 %



65

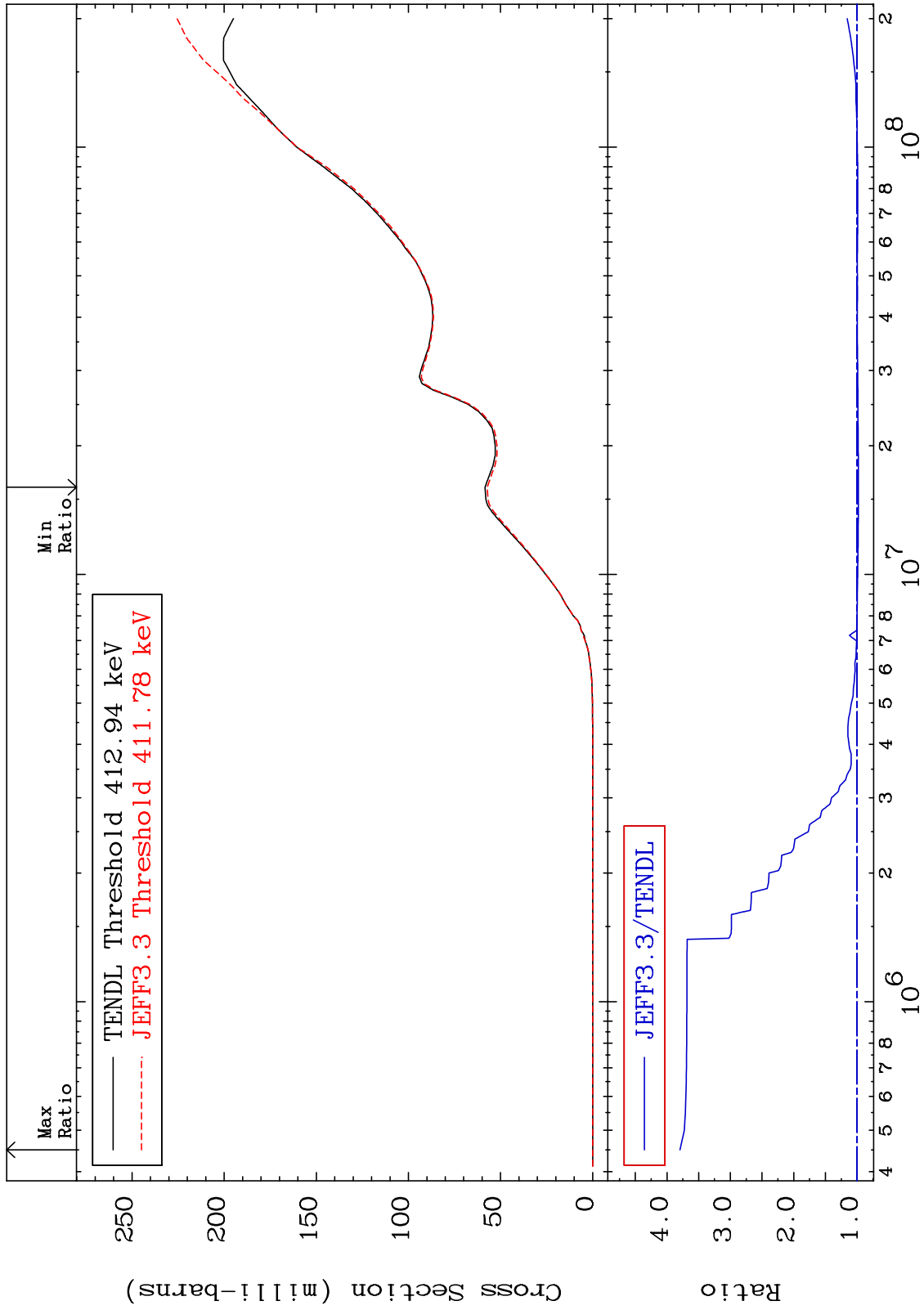
Incident Energy (eV)

21-Sc-45

MAT 2125

He-4 Production
Cross Section

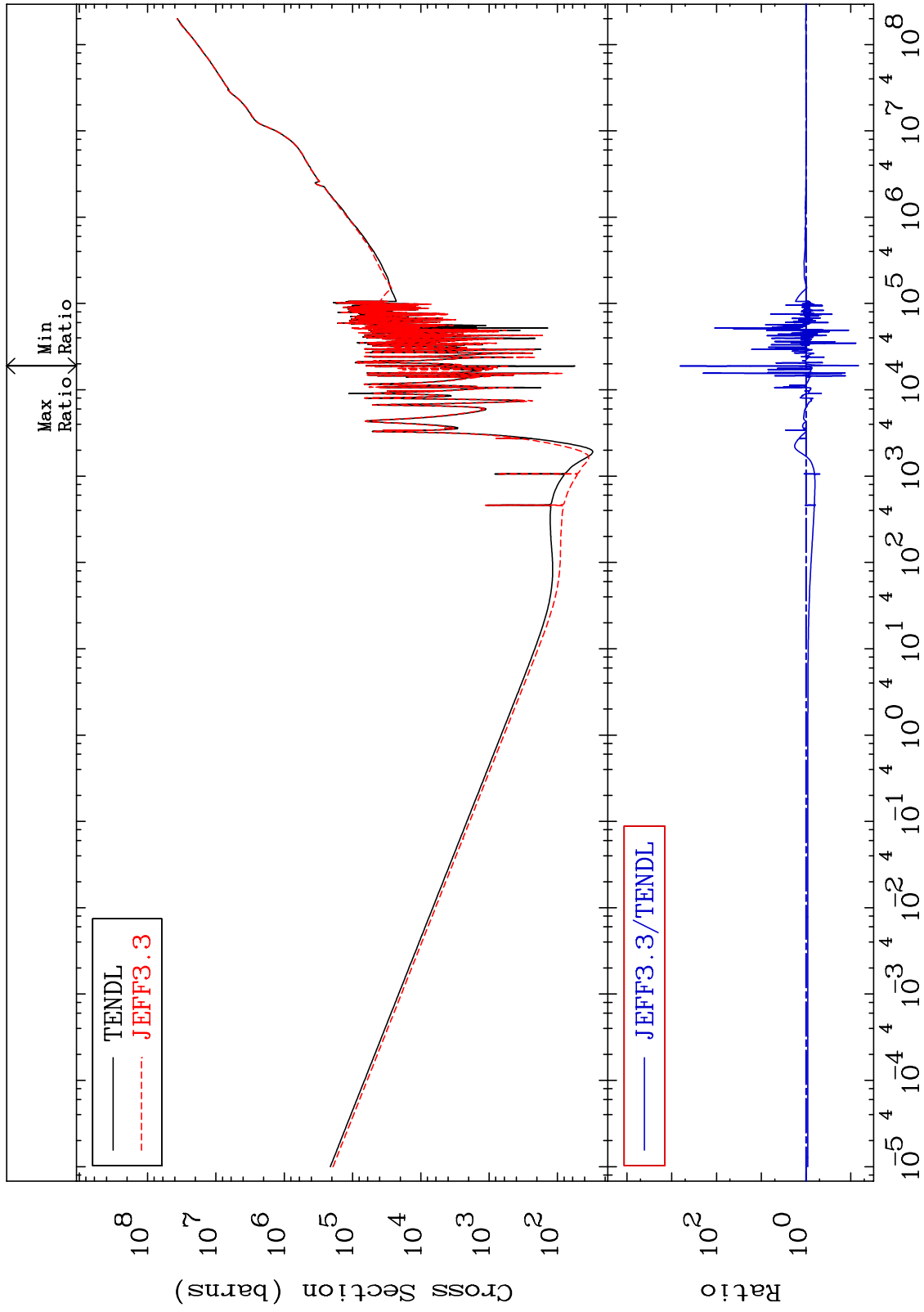
21-Sc-45
-2.051 To 279.4 %



MAT 2125

Kerma total (eV-barns)
Cross Section

21-Sc-45
-93.25 To 9999. %



67

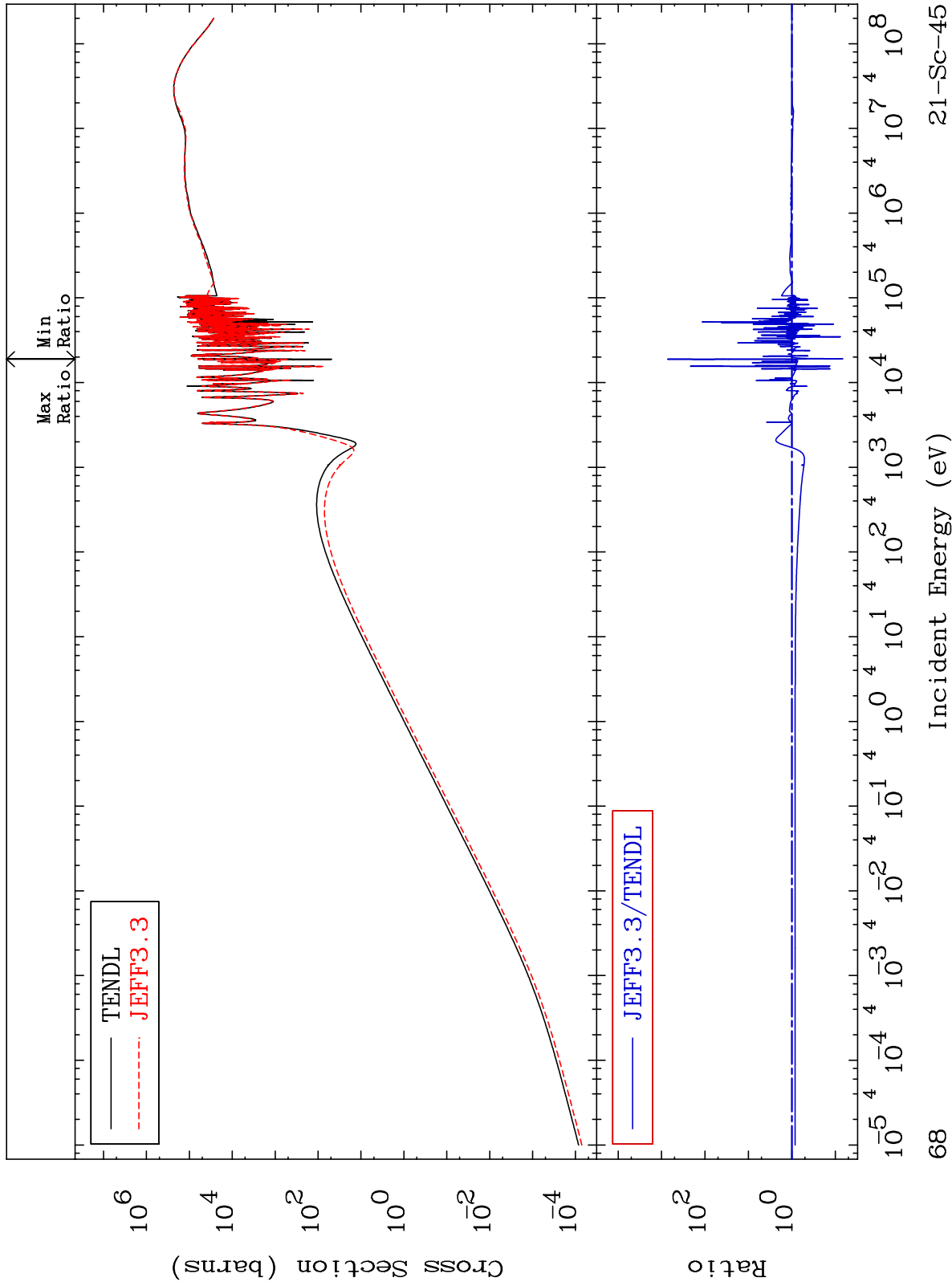
Incident Energy (eV)

21-Sc-45

MAT 2125

Kerma elastic
Cross Section

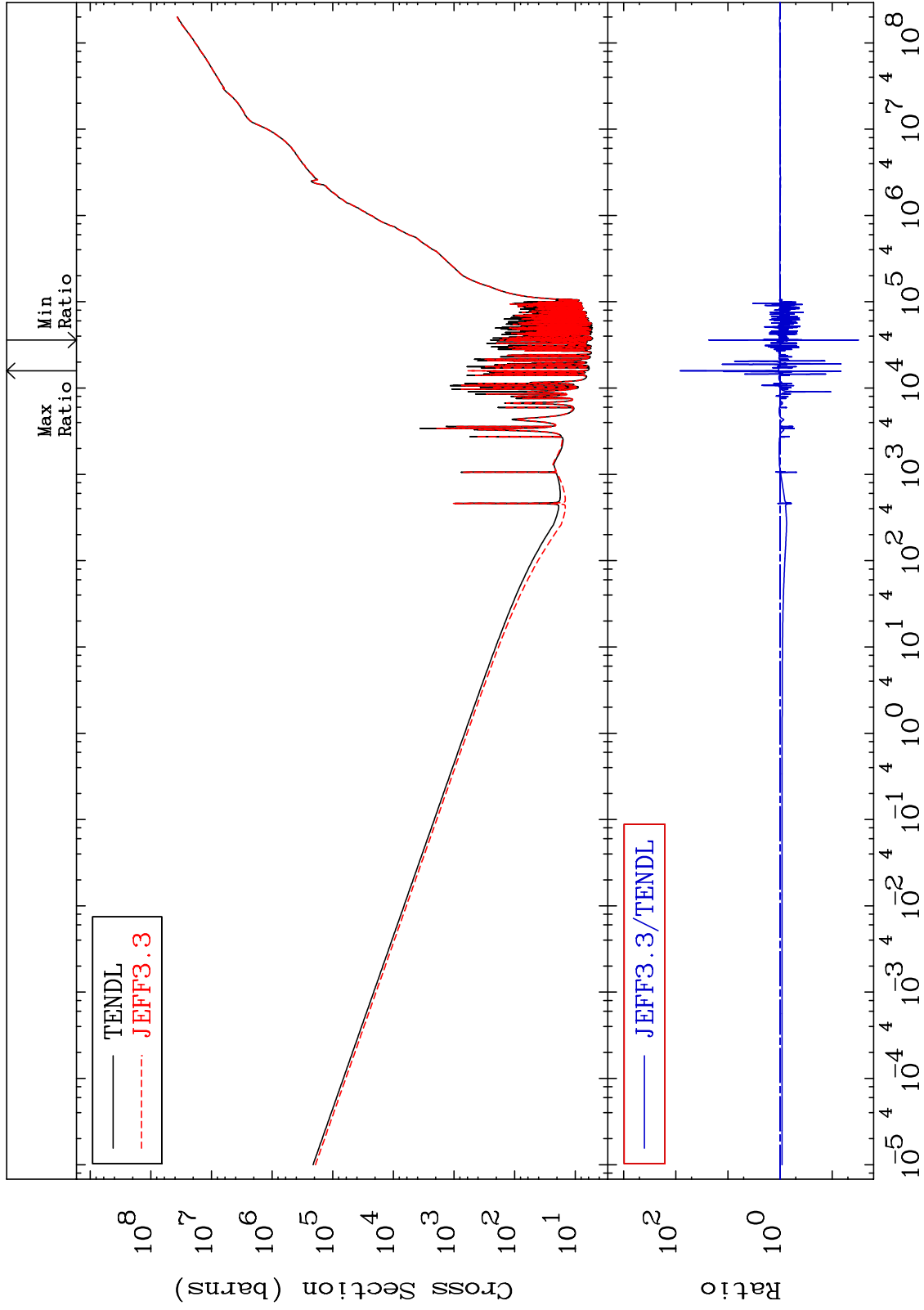
21-Sc-45
-93.25 To 9999. %



MAT 2125

Kerma non-elastic (all but mt2)
Cross Section

21-Sc-45
-96.87 To 8188. %



69

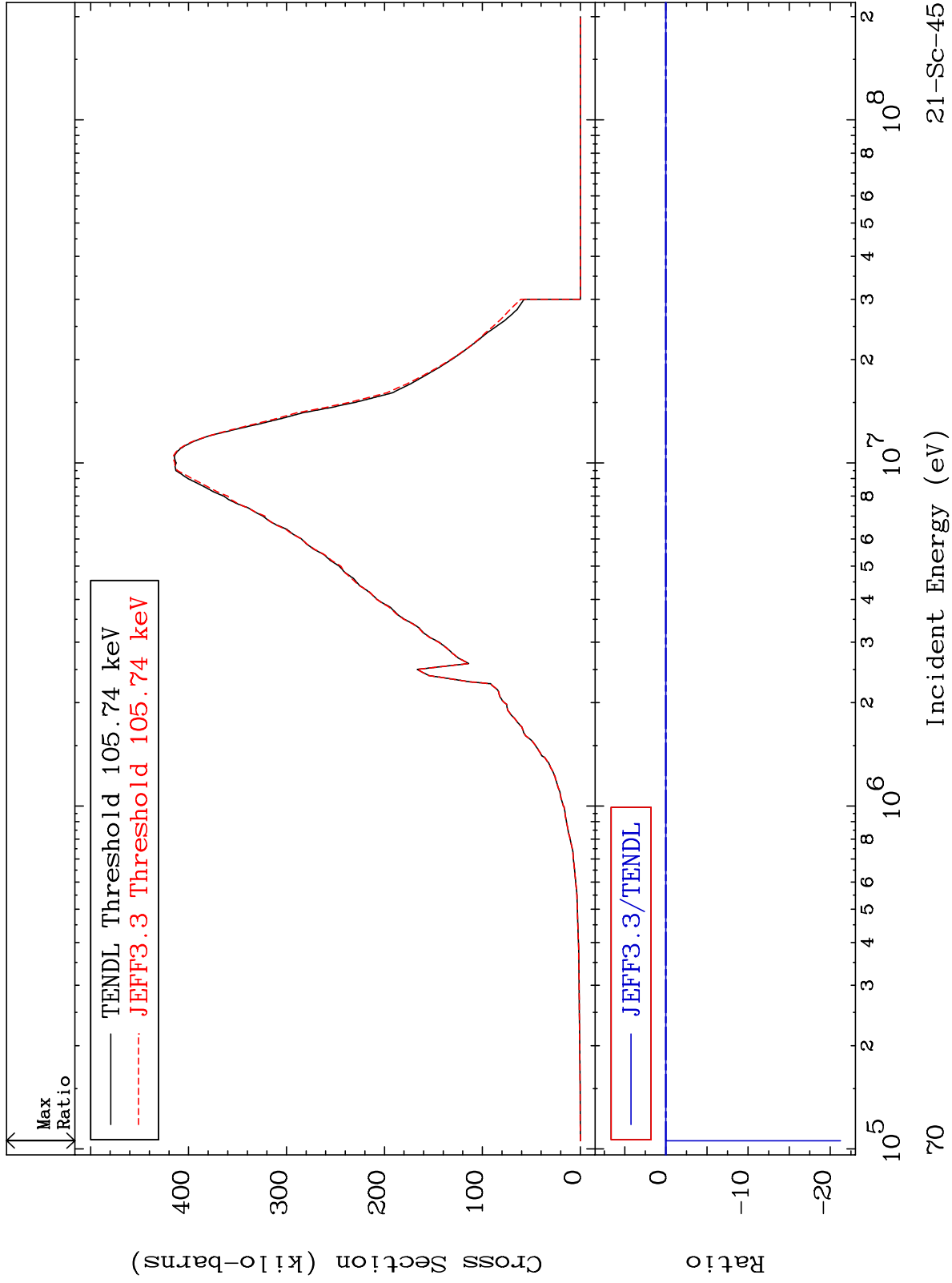
Incident Energy (eV)

21-Sc-45

MAT 2125

Kerma inelastic (mt51-91)
Cross Section

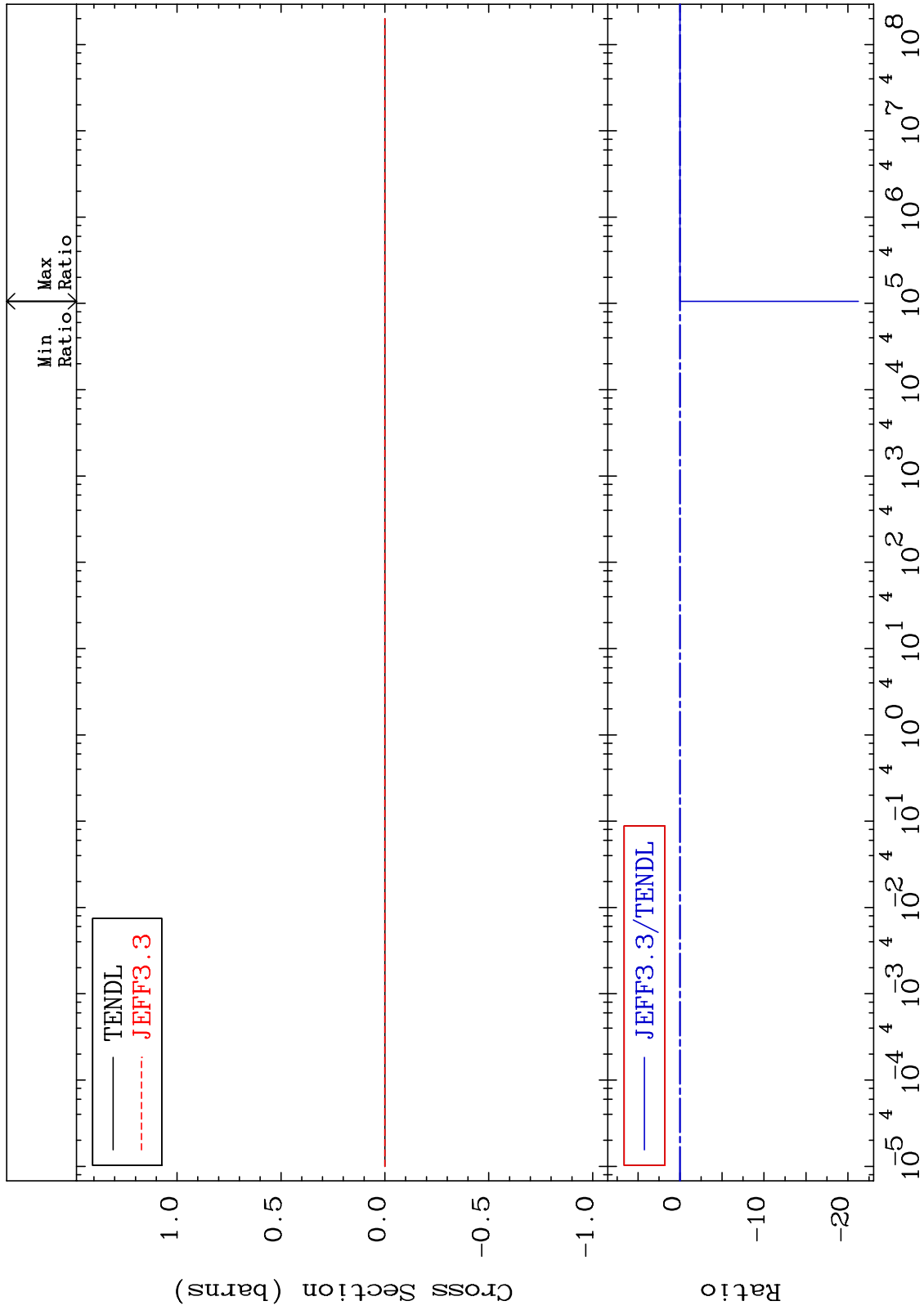
21-Sc-45
-9999. To 1447. %



MAT 2125

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

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



71

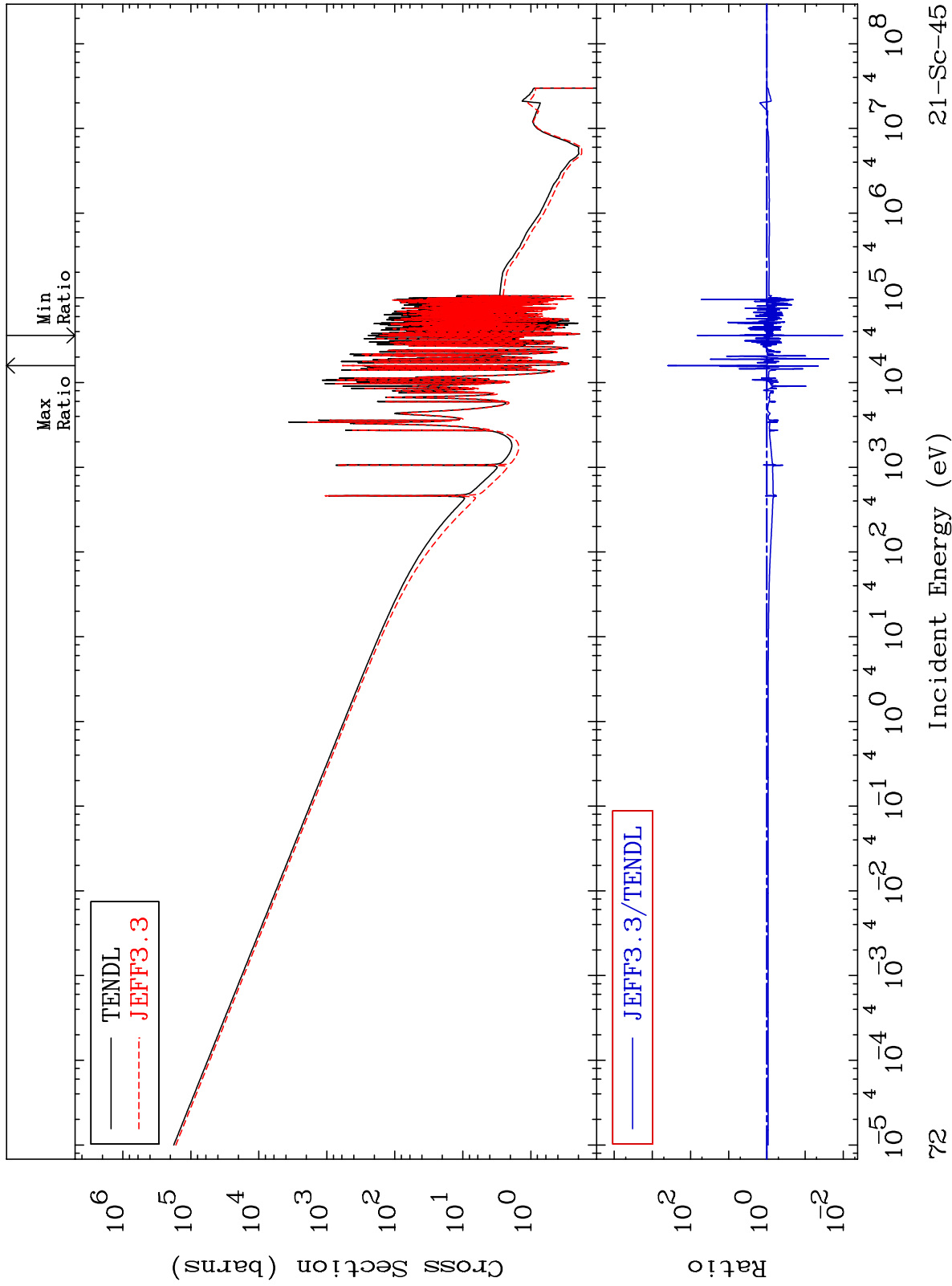
Incident Energy (eV)

21-Sc-45

MAT 2125

Kerma capture (mt102)
Cross Section

21-Sc-45
-98.96 To 9999. %



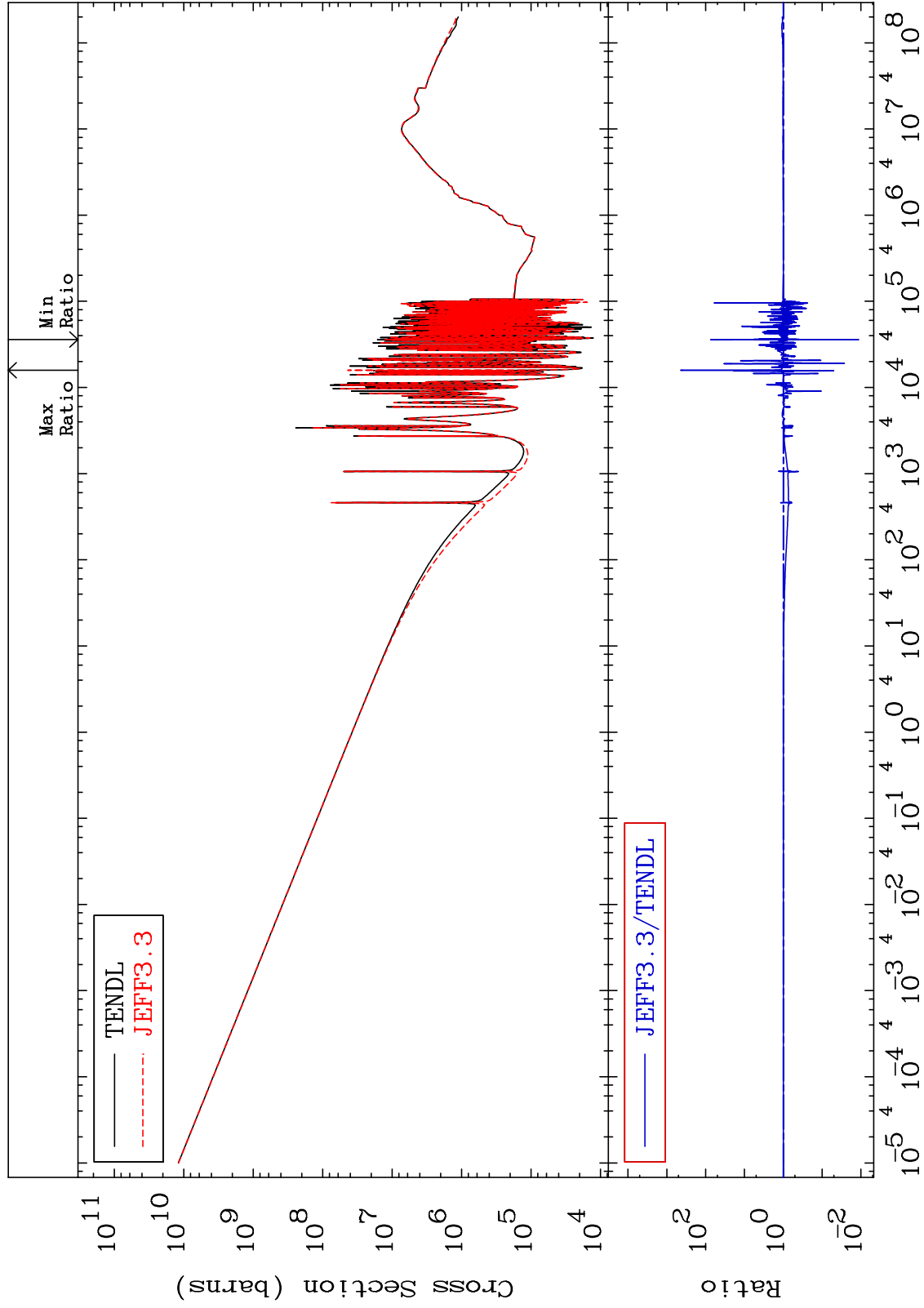
72

21-Sc-45

MAT 2125

Total photon (eV-barns)
Cross Section

21-Sc-45
-98.85 To 9999. %



73

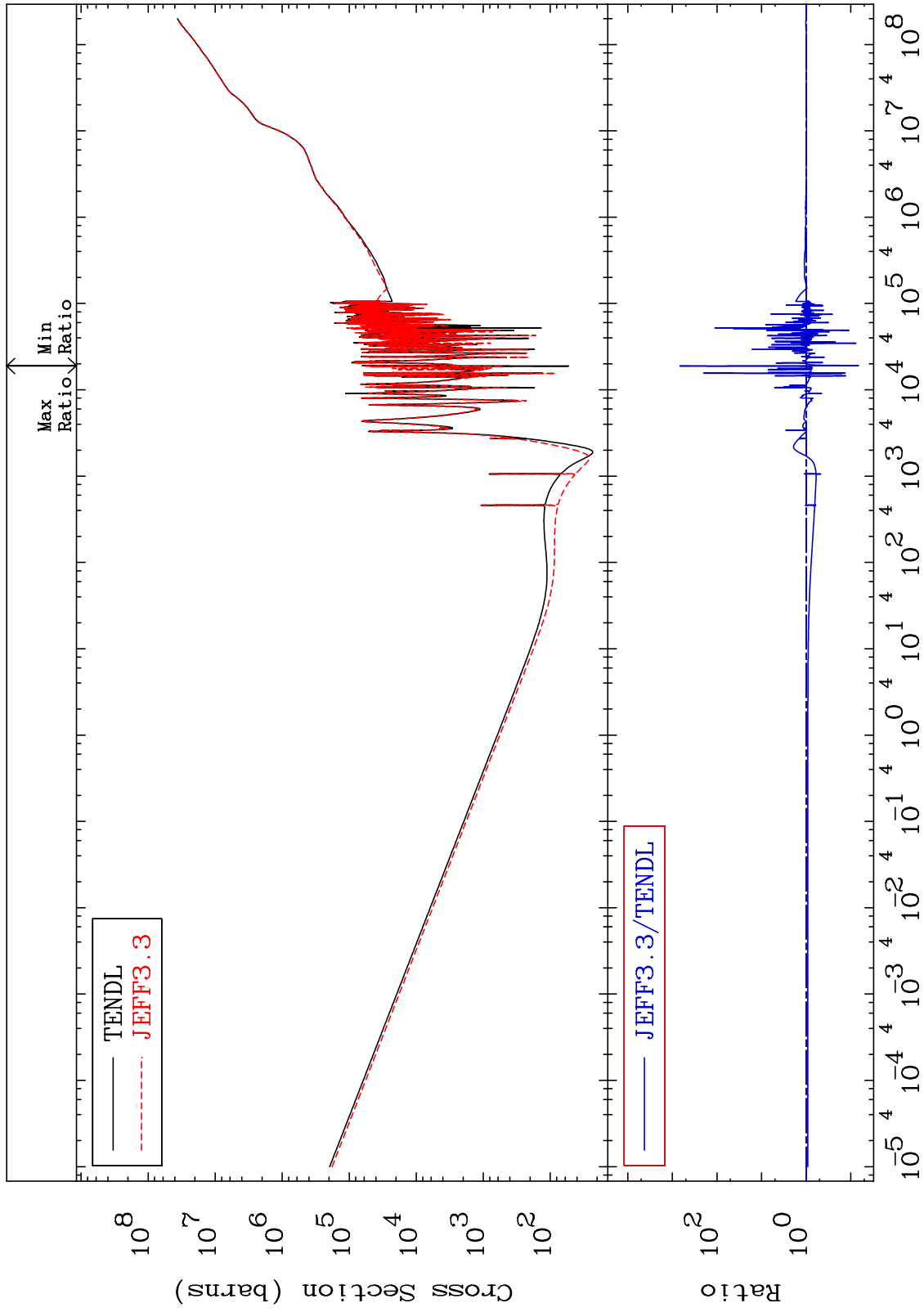
Incident Energy (eV)

21-Sc-45

MAT 2125

Total kinematic kerma (high limit)
Cross Section

21-Sc-45
-93.25 To 9999. %



74

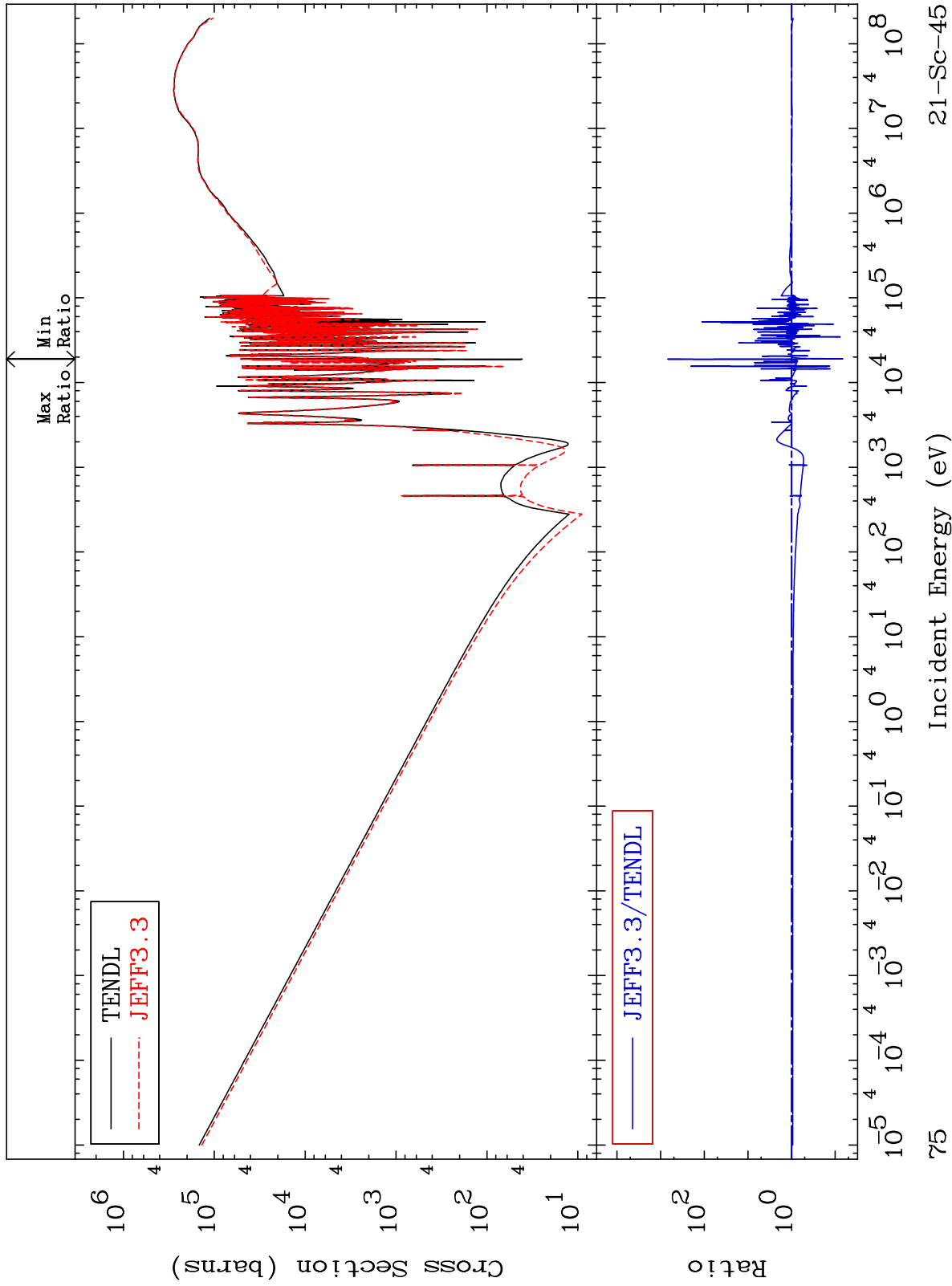
Incident Energy (eV)

21-Sc-45

MAT 2125

Dpa total (eV-barns)
Cross Section

21-Sc-45
-93.25 To 9999. %



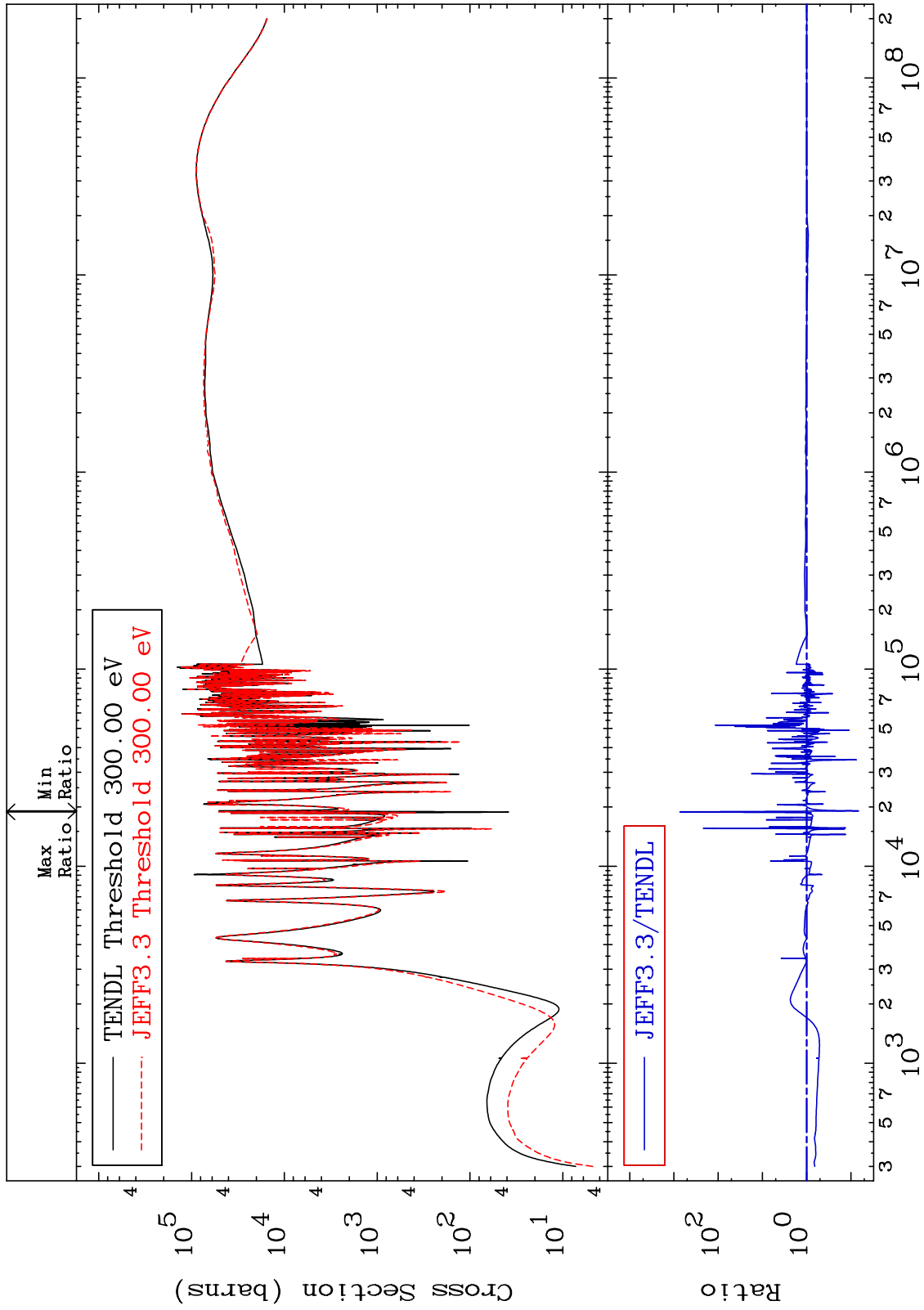
75

21-Sc-45

MAT 2125

Dpa elastic (mt2)
Cross Section

21-Sc-45
-93.25 To 9999. %



76

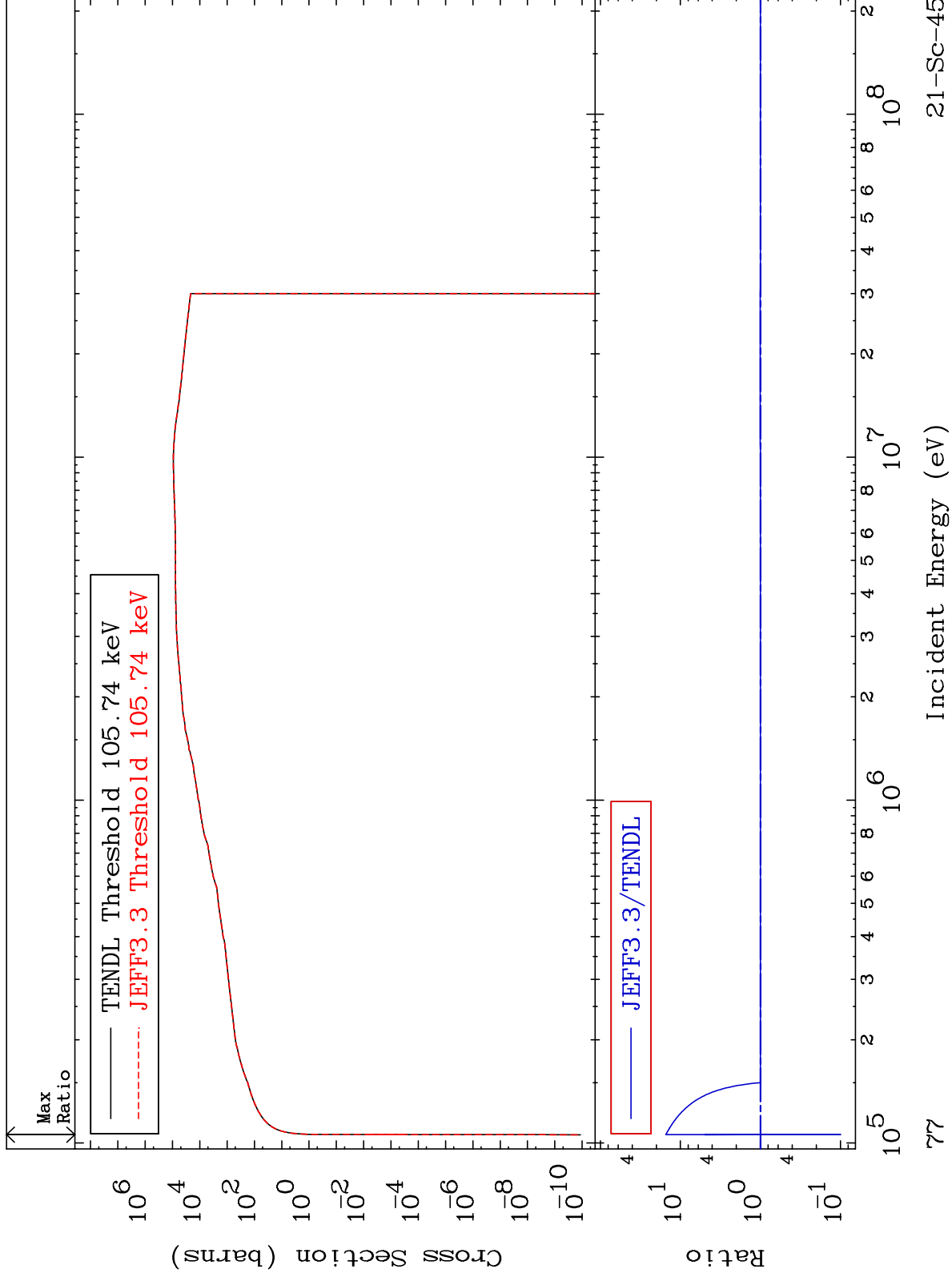
Incident Energy (eV)

21-Sc-45

MAT 2125

Dpa inelastic (mt51-91)
Cross Section

21-Sc-45
-90.04 To 1420. %



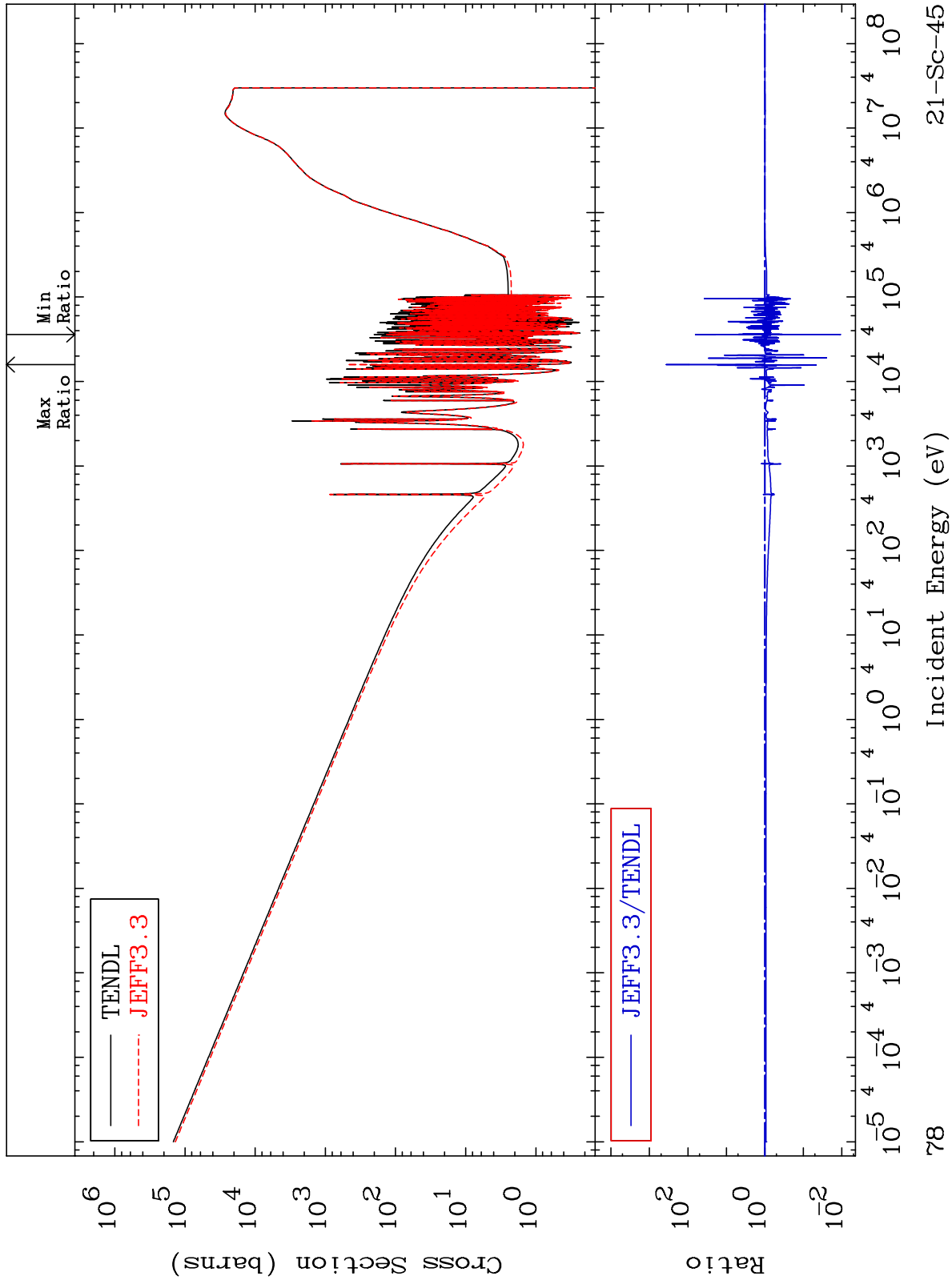
77

21-Sc-45

MAT 2125

Dpa disappearance (mt102 -120)
Cross Section

21-Sc-45
-98.92 To 9999. %



78

Incident Energy (eV)

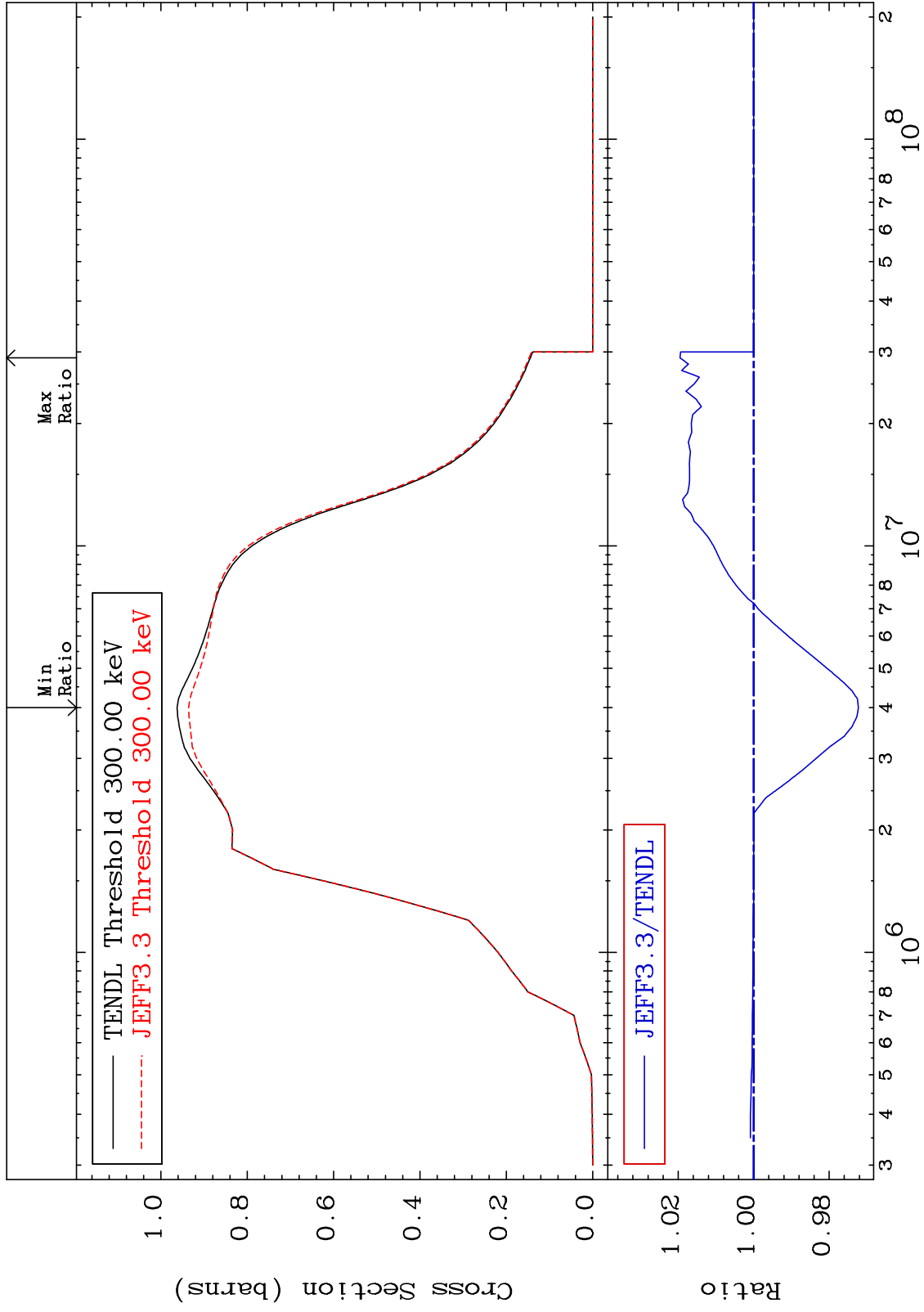
21-Sc-45

MAT 2125

21-Sc-45

Inelastic:21-Sc-45g

Radionuclide Production Cross Section -2.774 To 1.953 %



79

Incident Energy (eV)

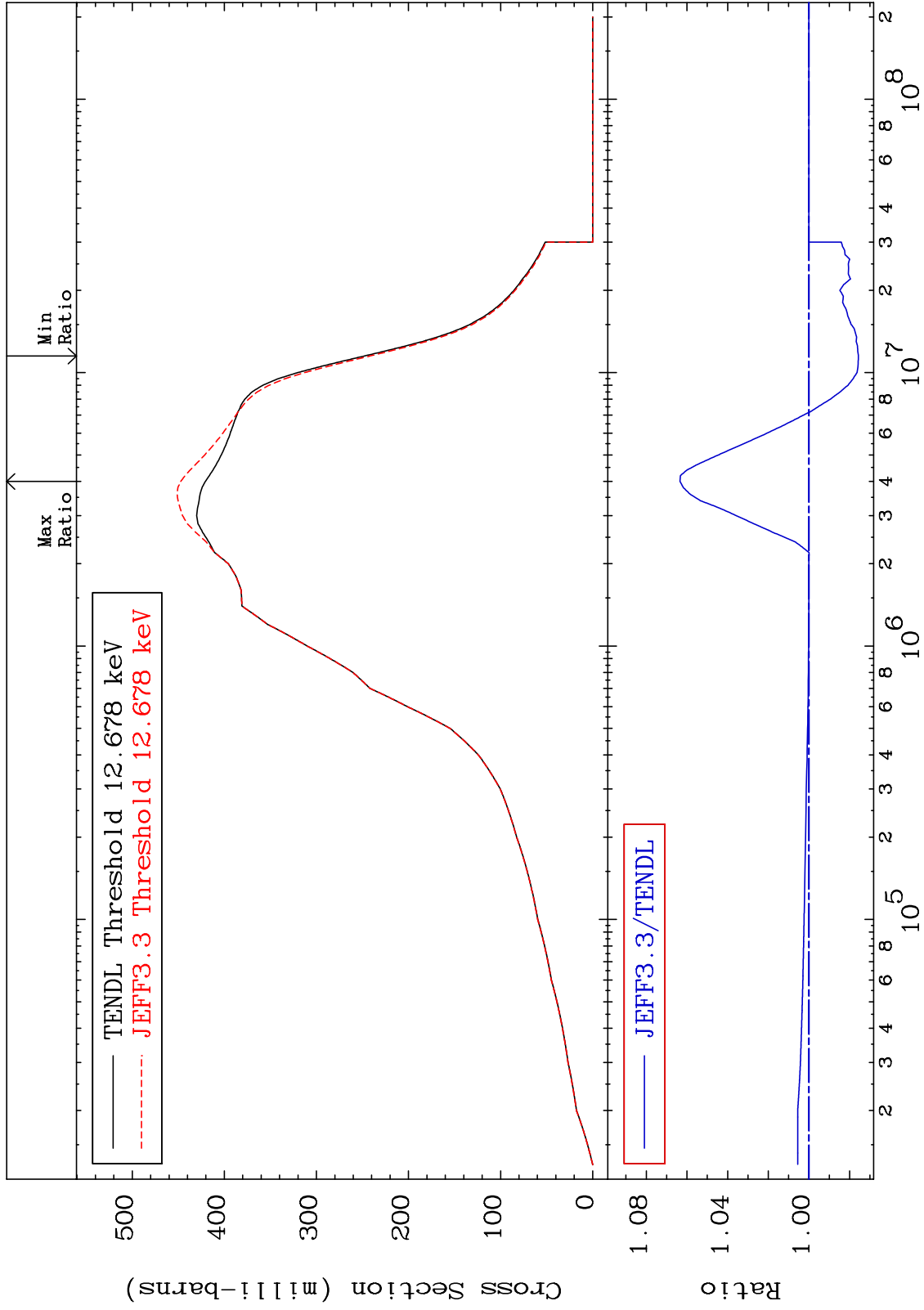
21-Sc-45

MAT 2125

Inelastic:21-Sc-45m1

21-Sc-45

Radionuclide Production Cross Section -2.432 To 6.341 %

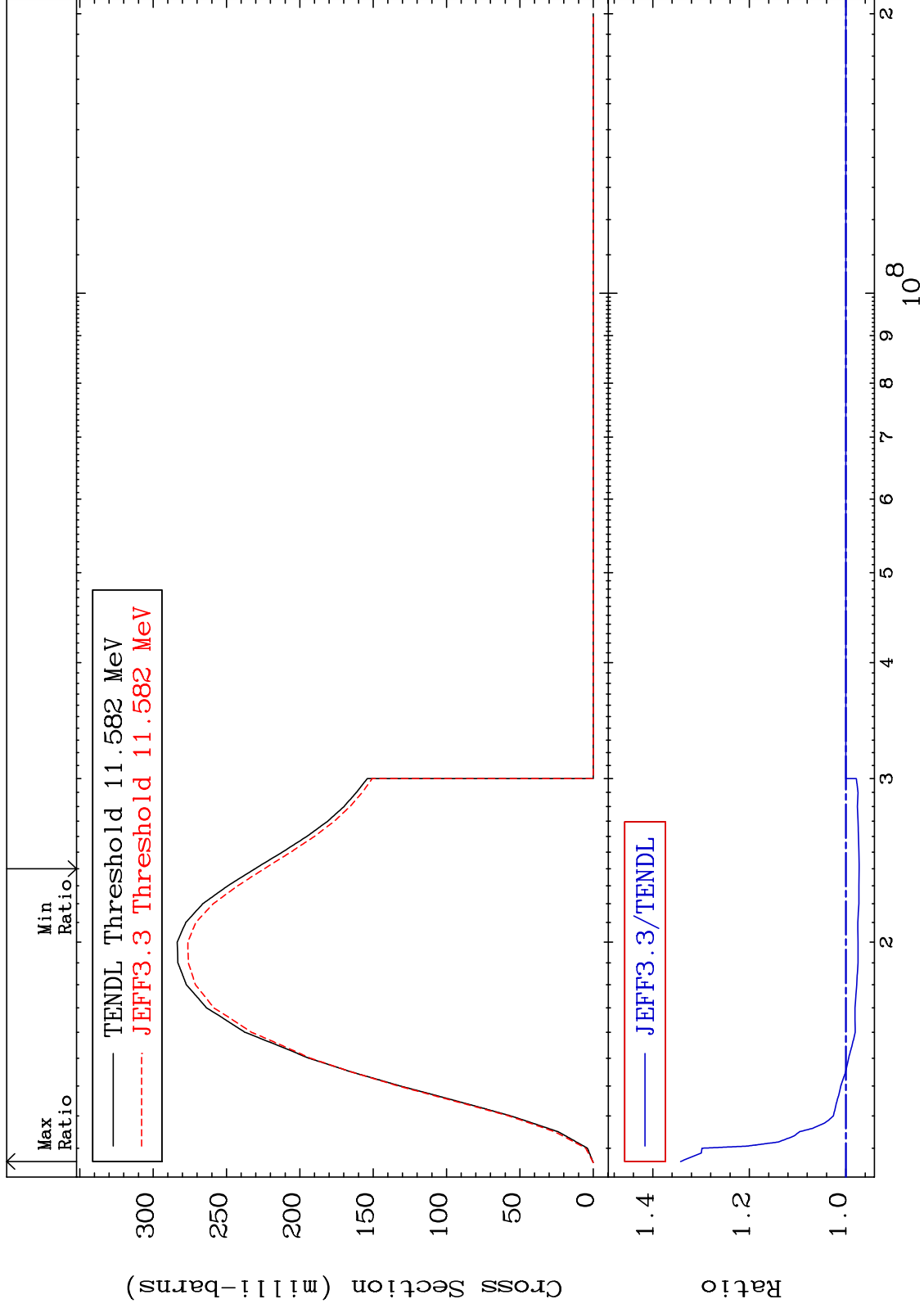


80

Incident Energy (eV)

21-Sc-45

Radionuclide Production Cross Section -2.753 To 34.23 %

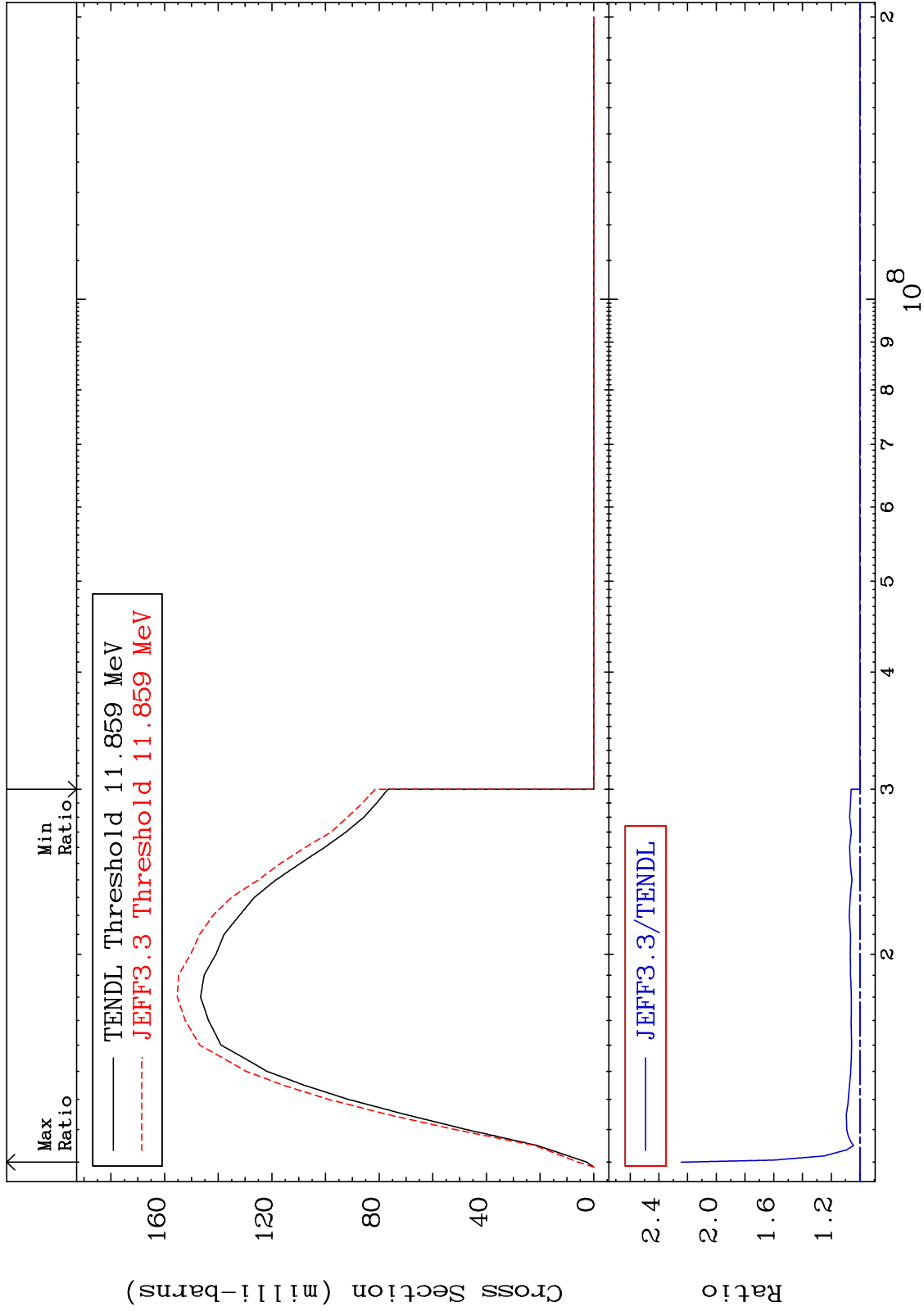


MAT 2125

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

21-Sc-45

Radionuclide Production Cross Section 0.000 To 124.4 %

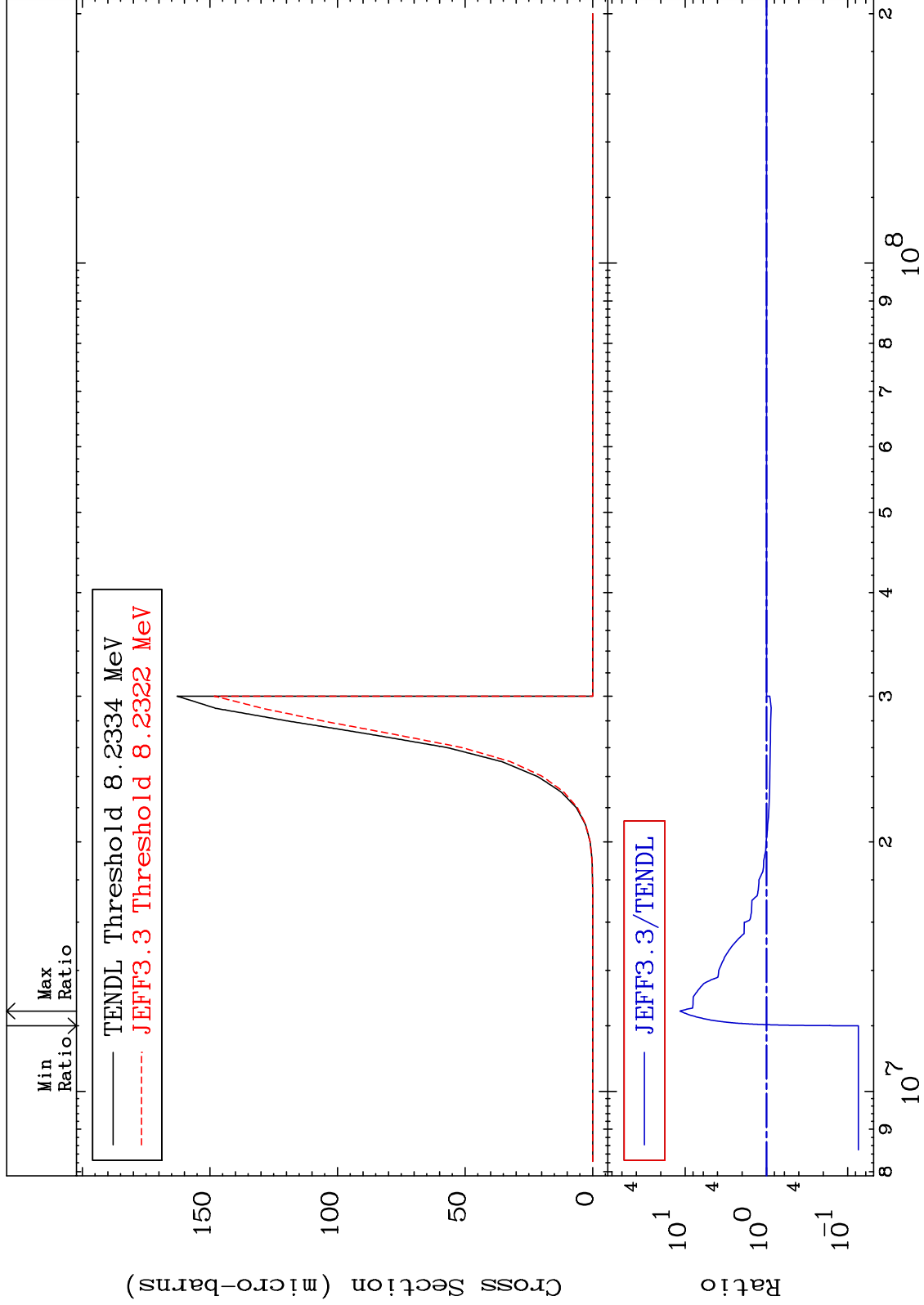


MAT 2125

(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 %

