

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

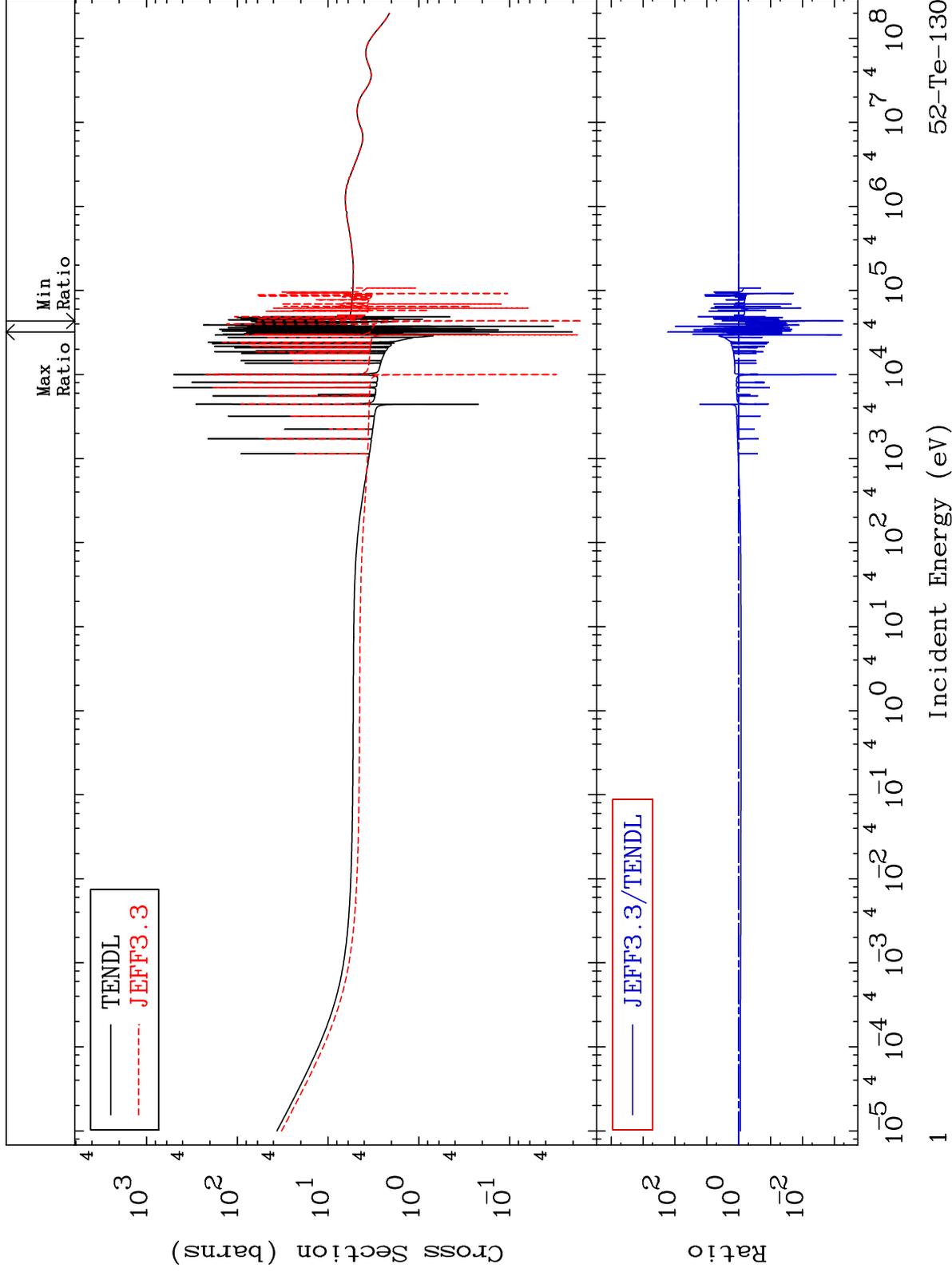
MAT 5255

Total

52-Te-130

Cross Section

-99.95 To 9999. %



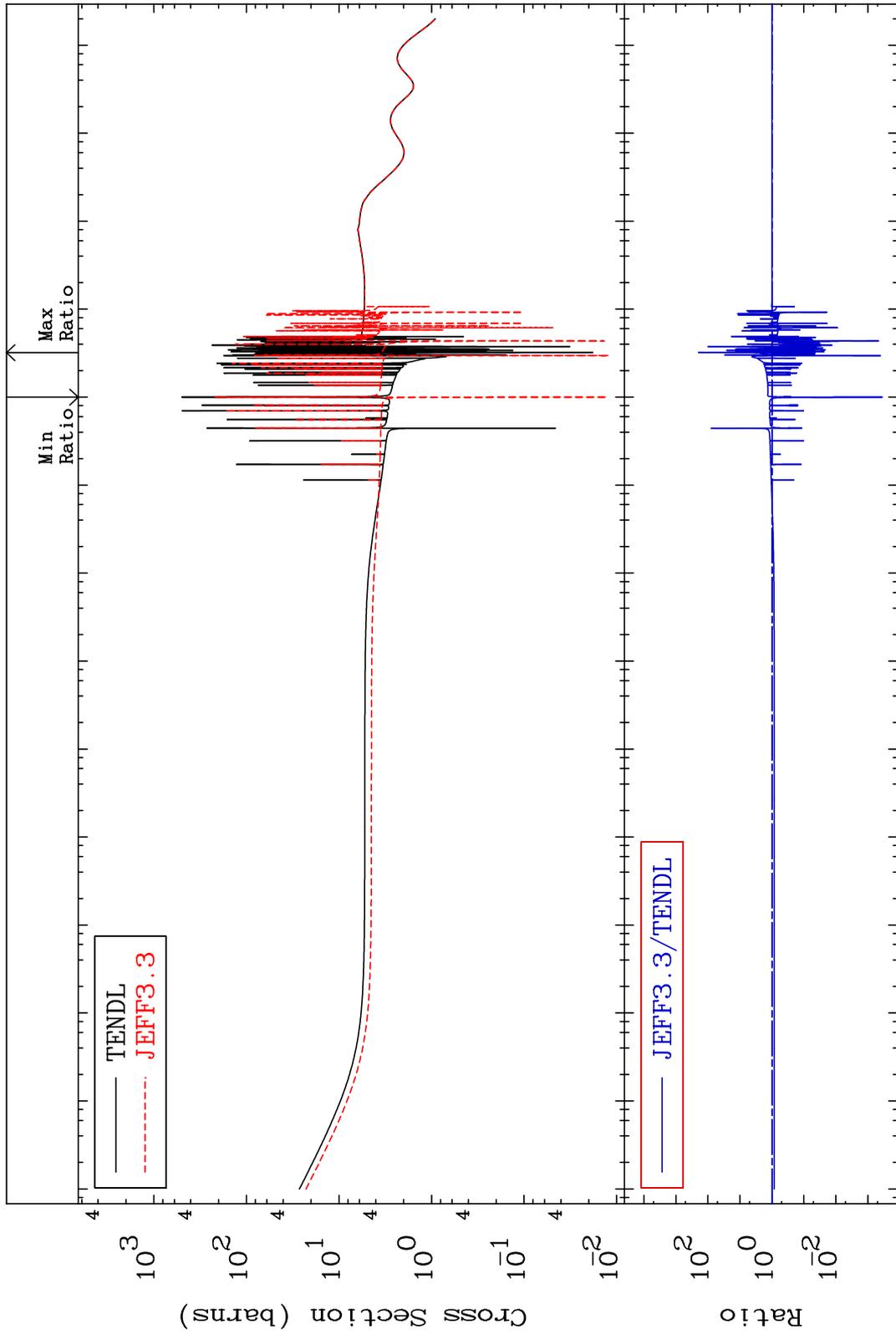
Incident Energy (eV)

52-Te-130

MAT 5255

Elastic  
Cross Section

52-Te-130  
-99.96 To 9999. %



Incident Energy (eV)

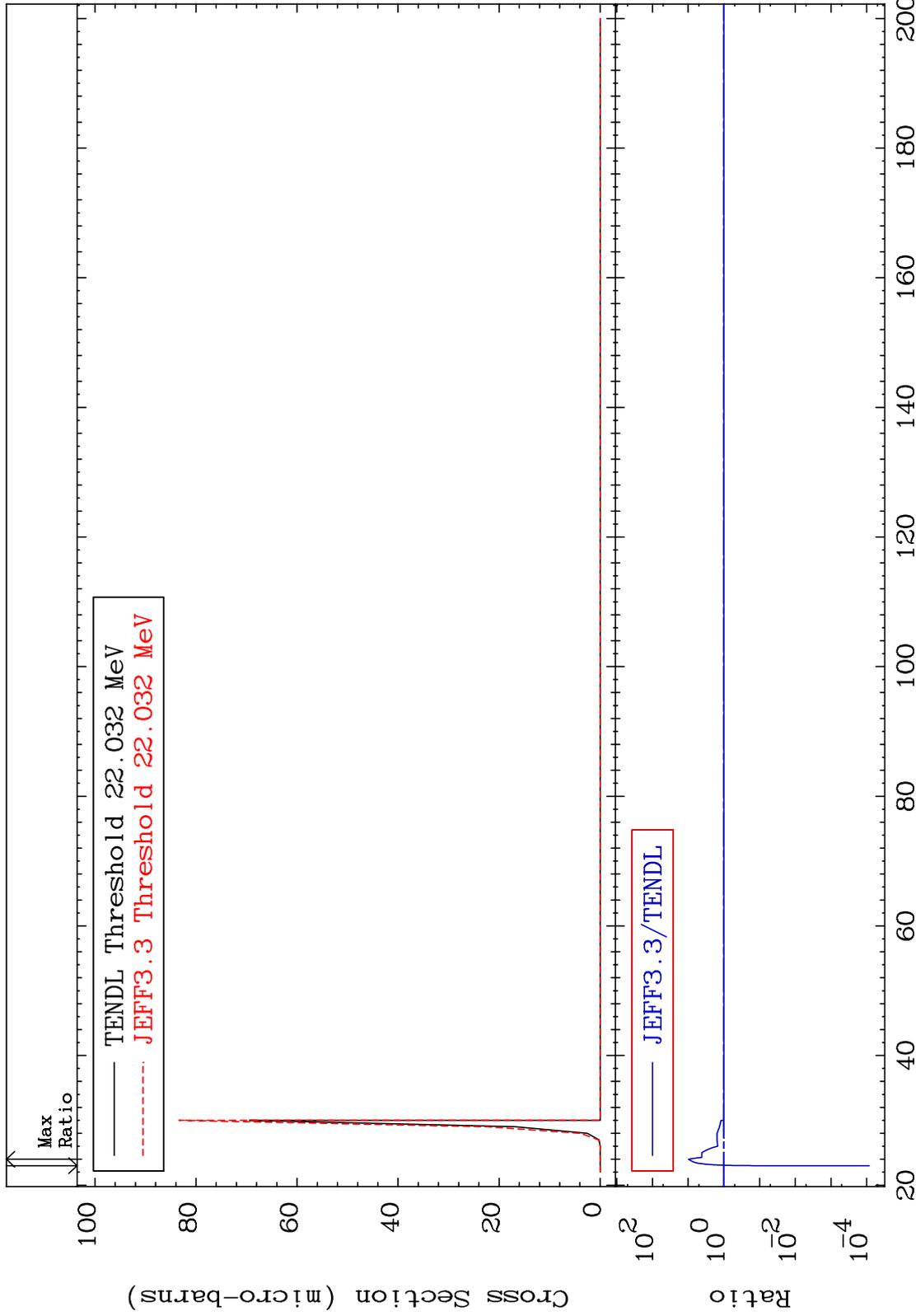
52-Te-130

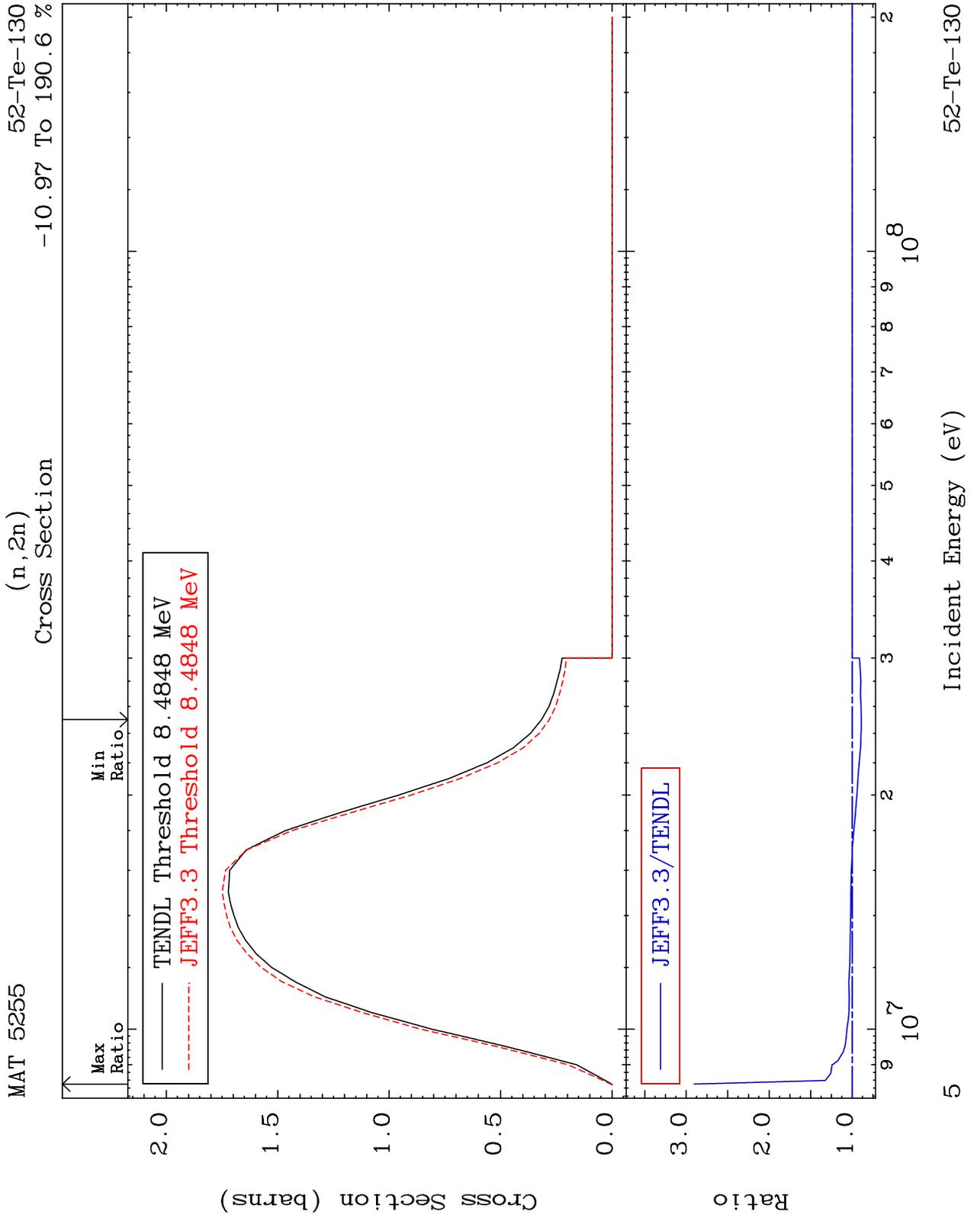


MAT 5255

(n,2n) d  
Cross Section

52-Te-130  
-99.99 To 872.9 %





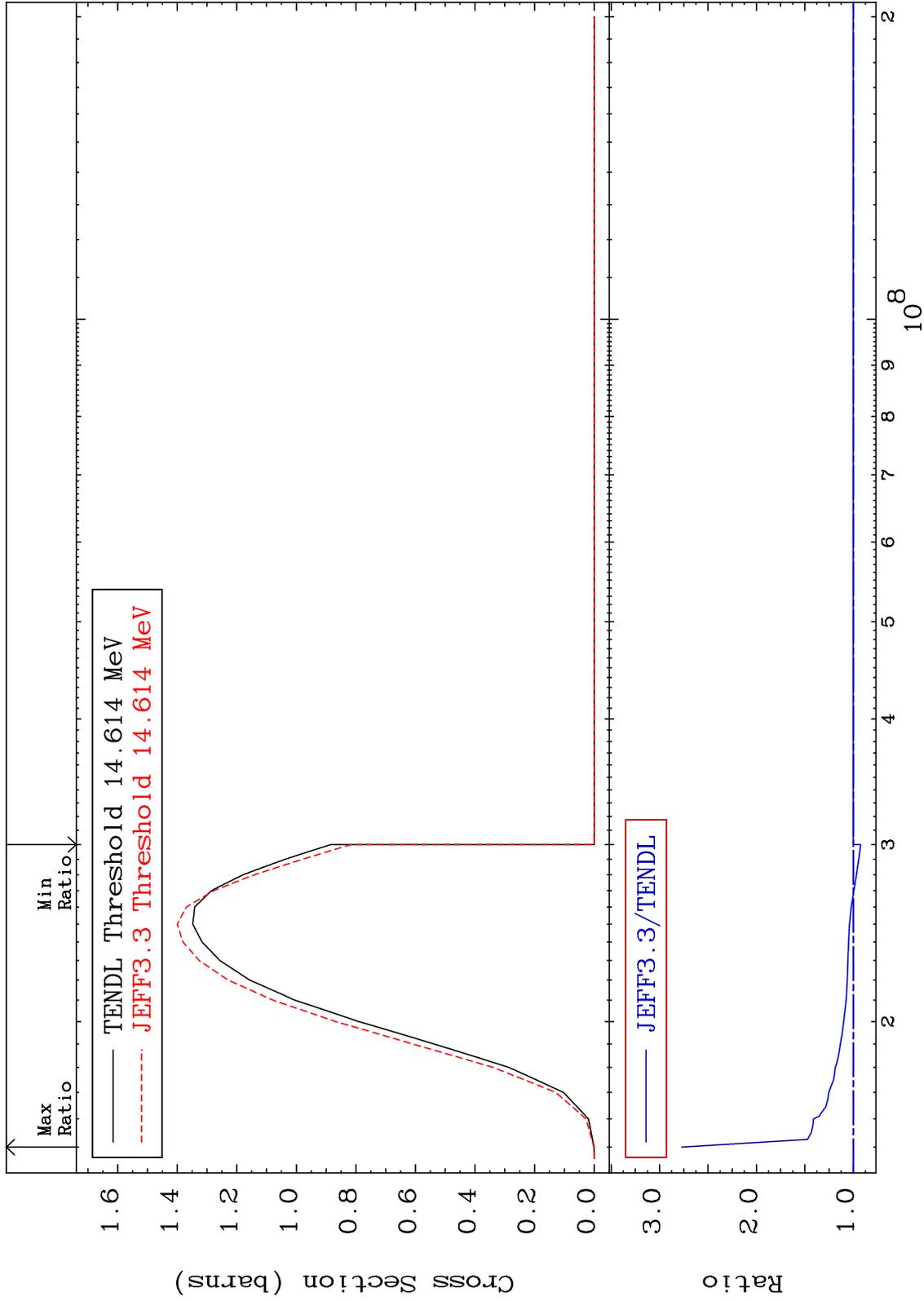
MAT 5255

(n, 3n)

52-Te-130

Cross Section

-7.623 To 177.1 %



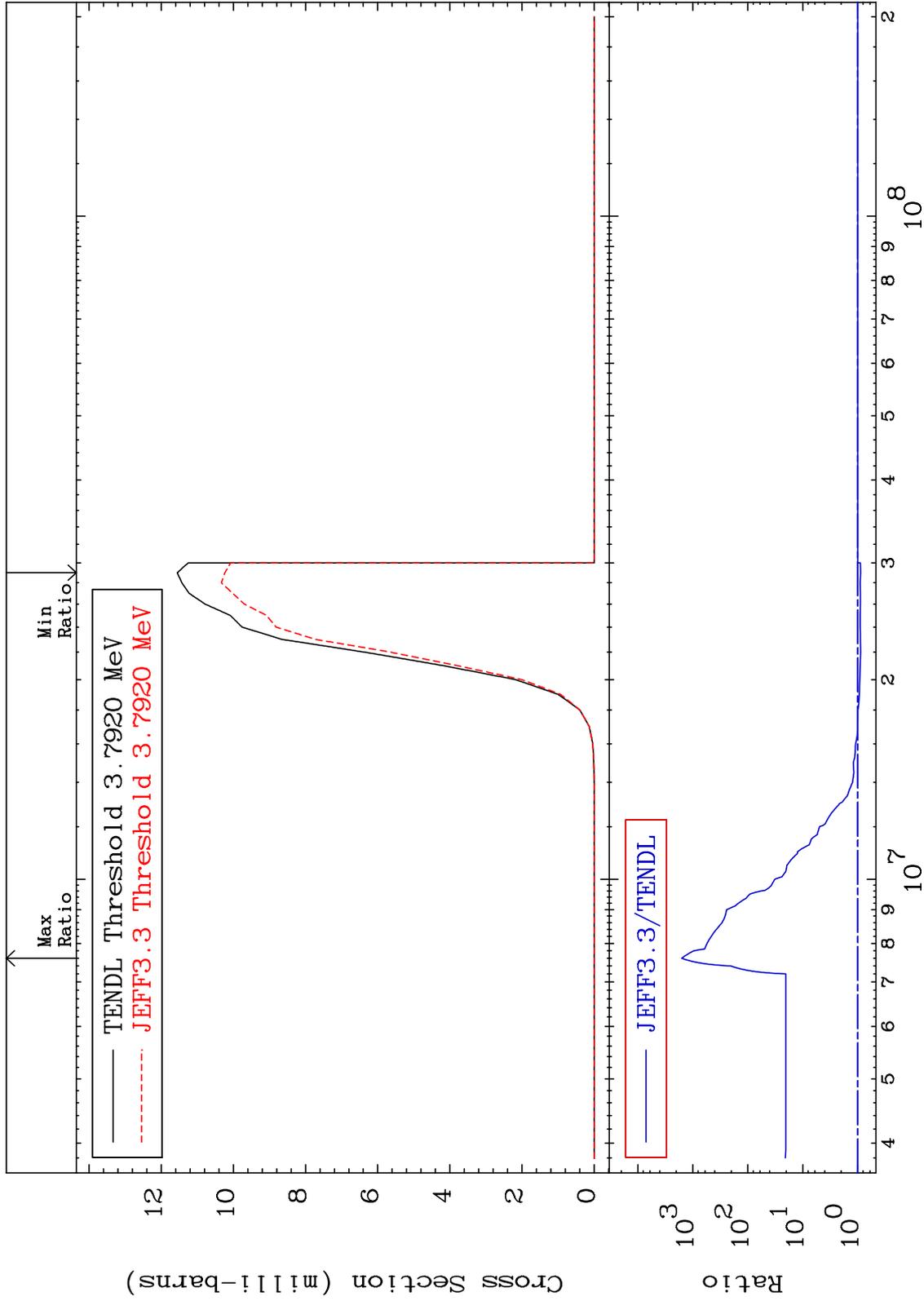
MAT 5255

(n,n')  $\alpha$

52-Te-130

-11.44 To 9999. %

Cross Section



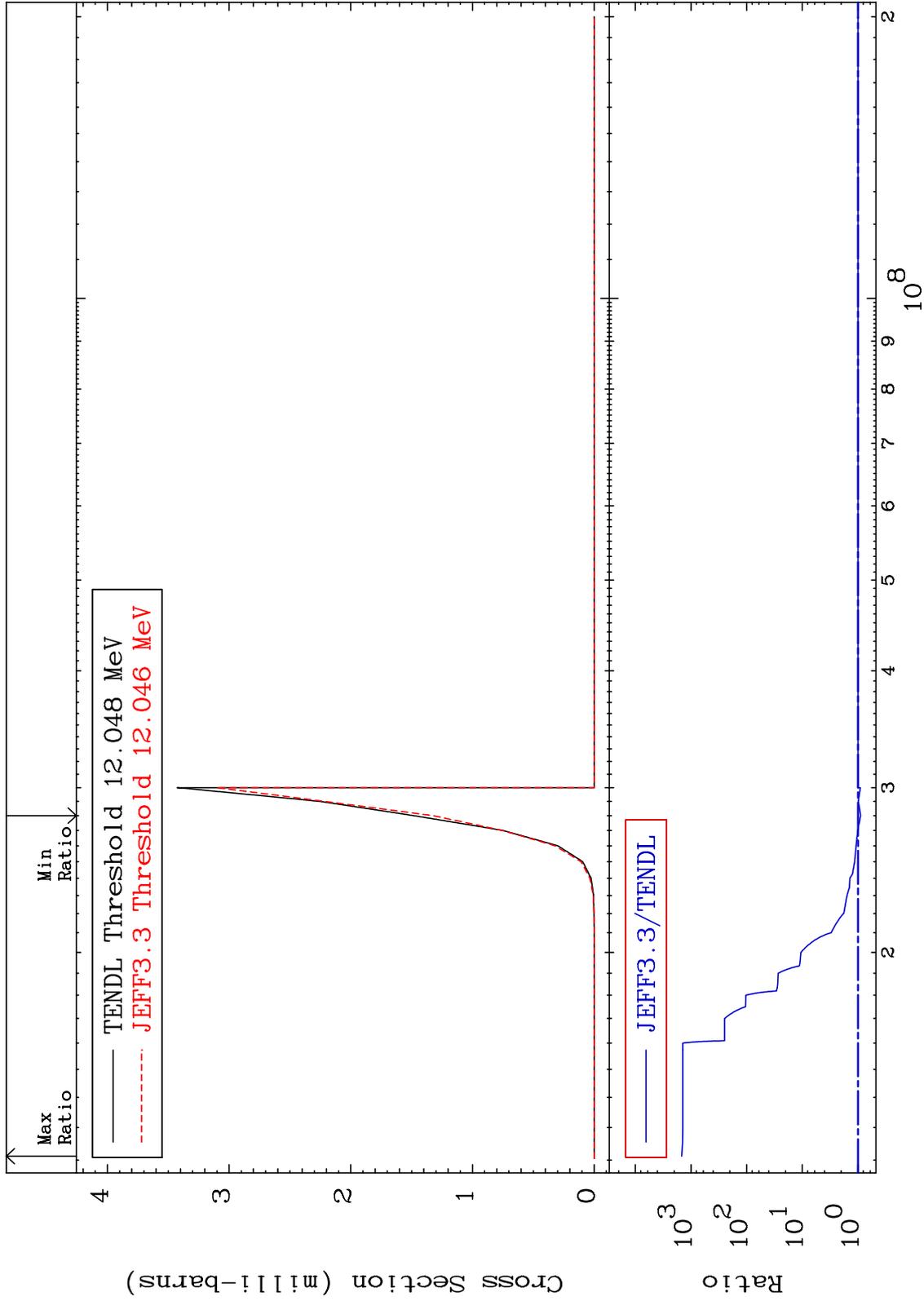
MAT 5255

(n,2n)  $\alpha$

52-Te-130

Cross Section

-10.74 To 9999. %



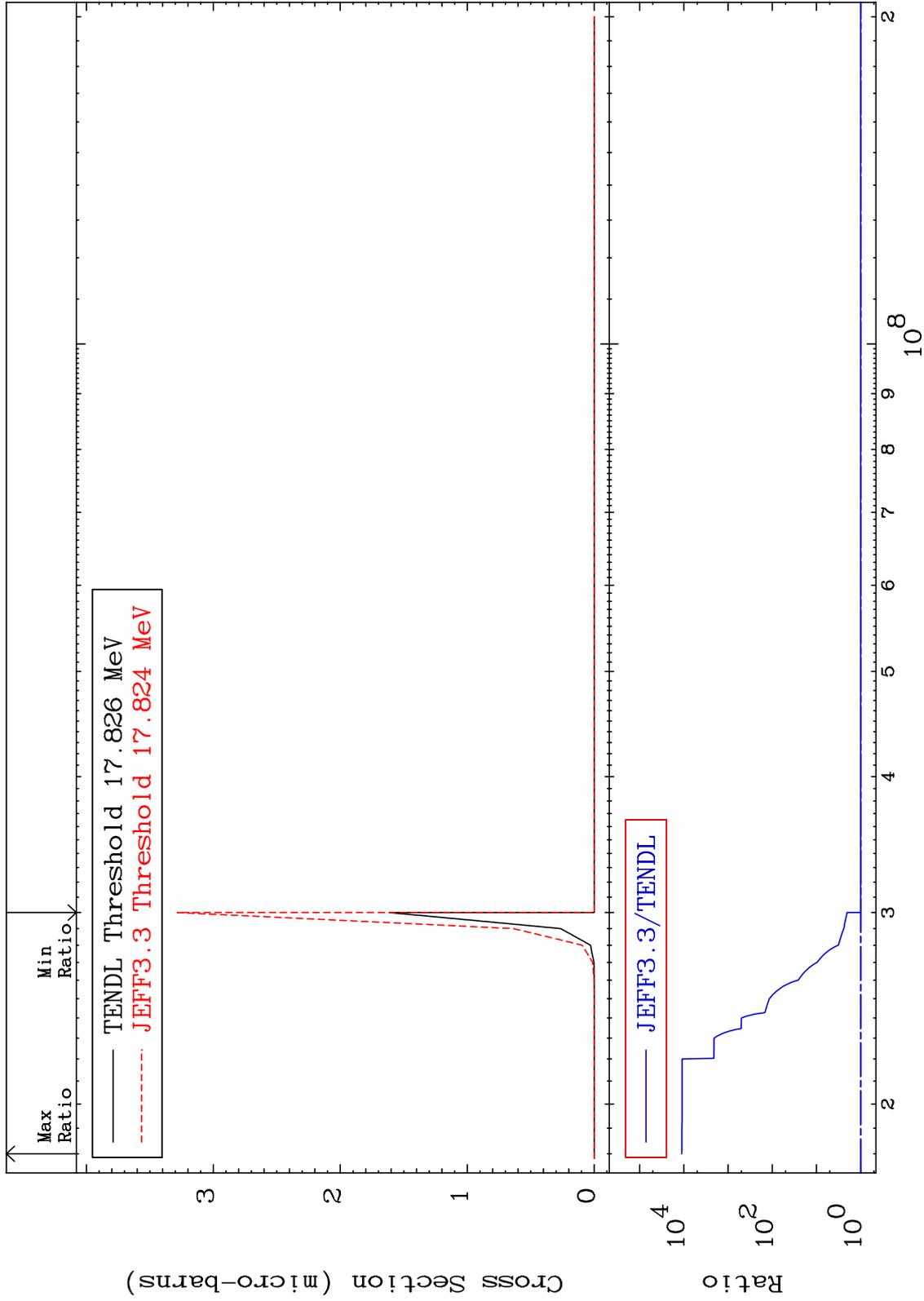
MAT 5255

(n,3n)  $\alpha$

52-Te-130

Cross Section

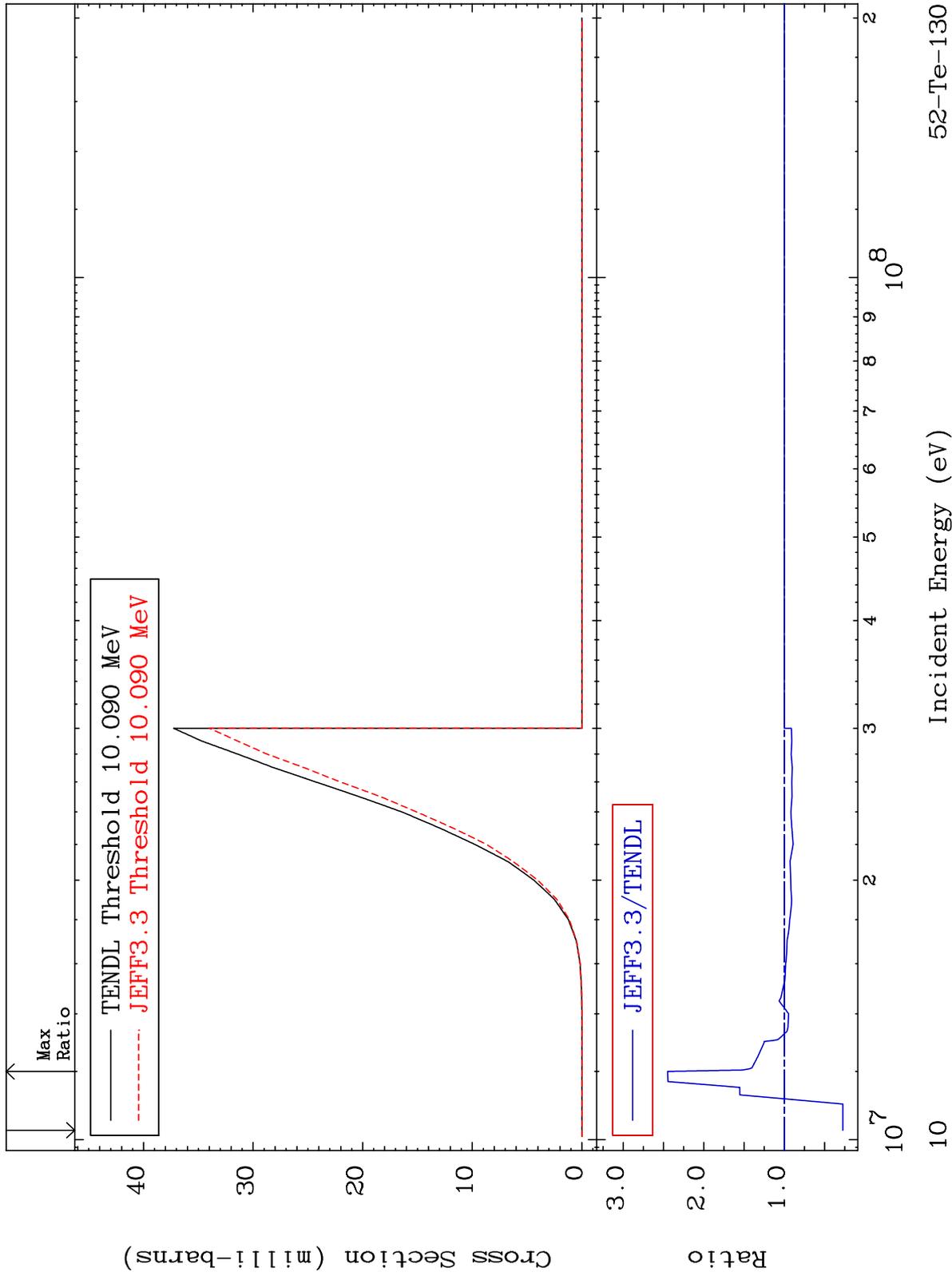
0.000 To 9999. %



MAT 5255

(n,n') p  
Cross Section

52-Te-130  
-72.69 To 144.9 %



Incident Energy (eV)

52-Te-130

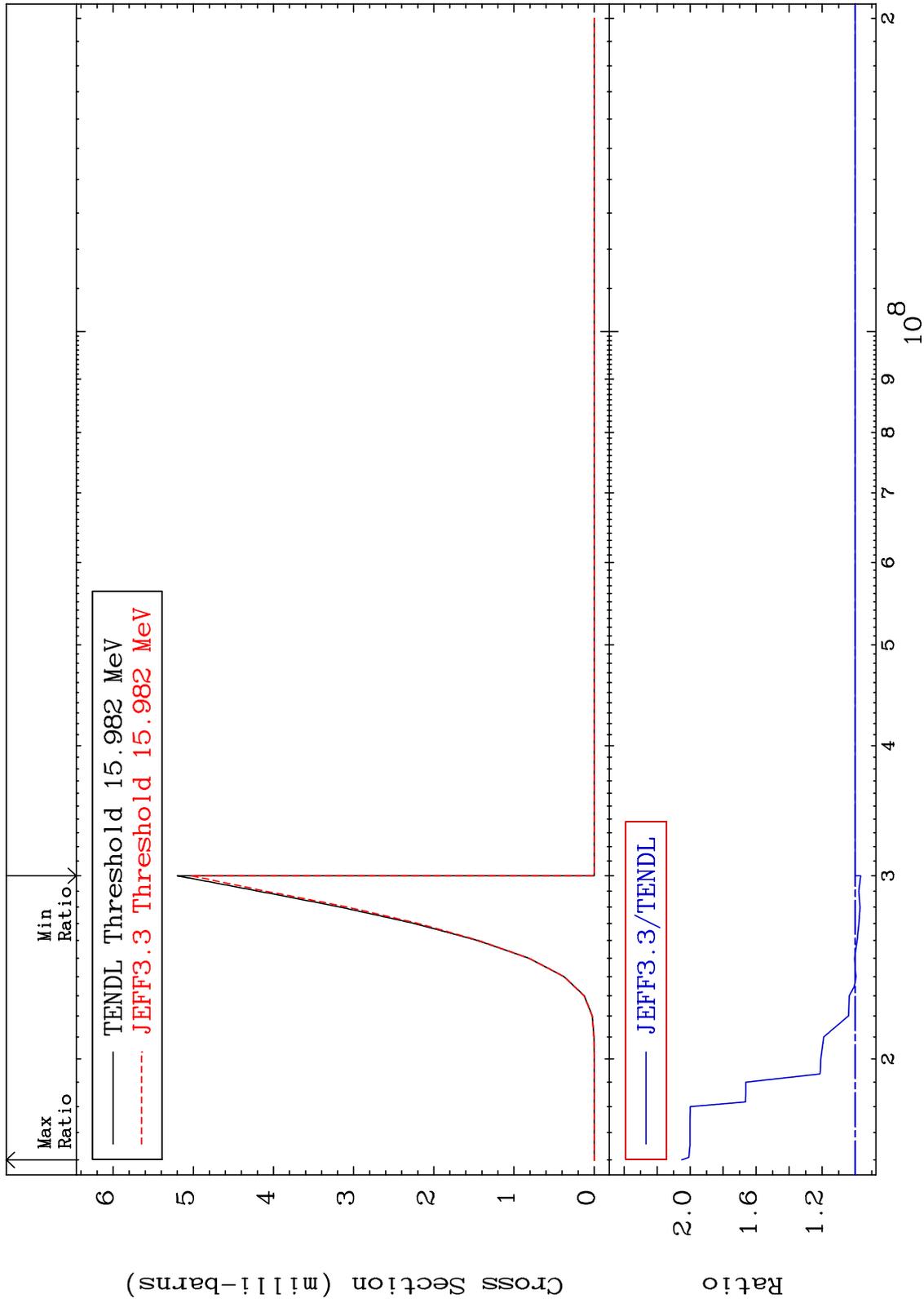
MAT 5255

(n, n') d

52-Te-130

Cross Section

-3.283 To 105.1 %



MAT 5255

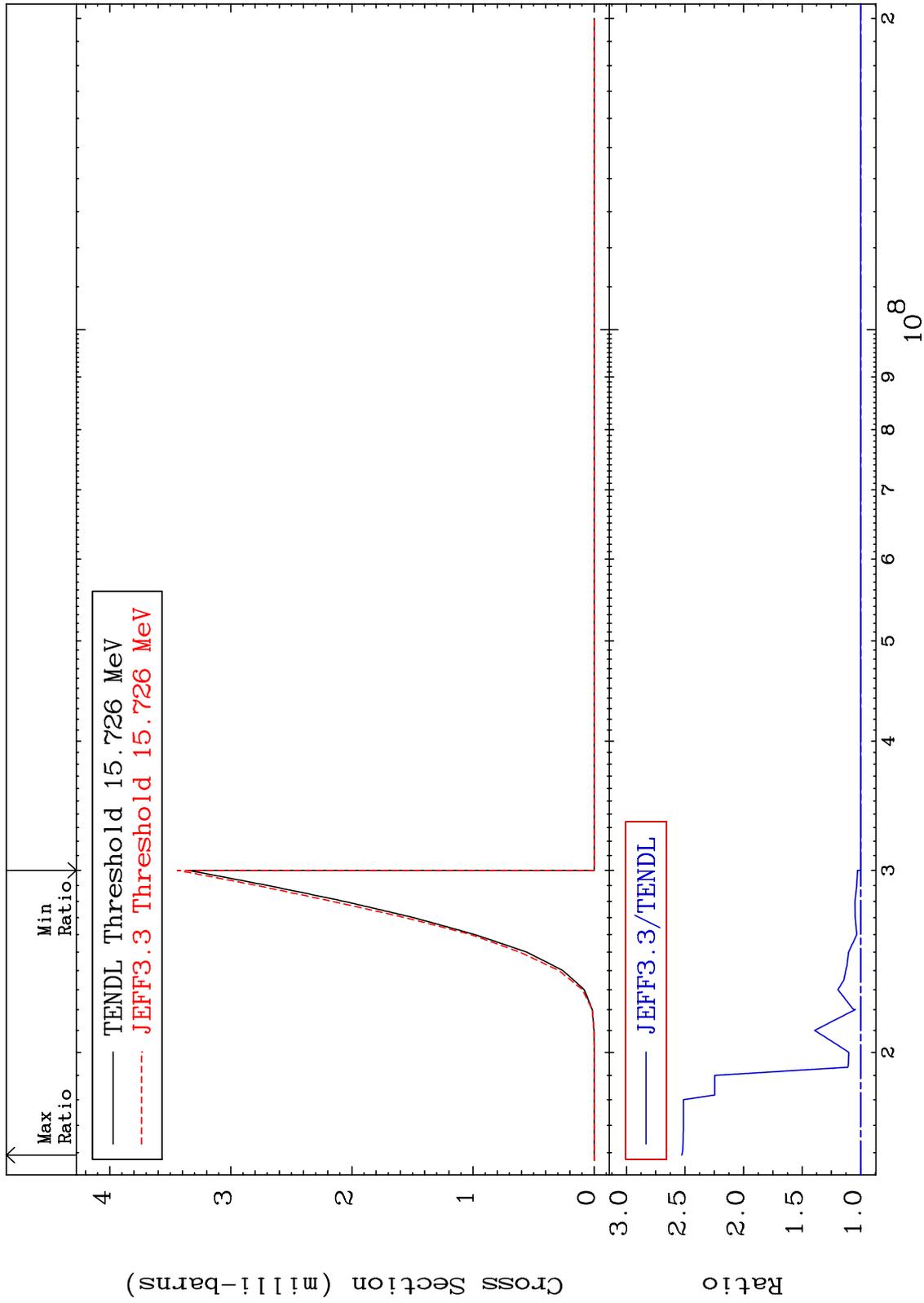
(n,n') t

52-Te-130

Cross Section

0.000

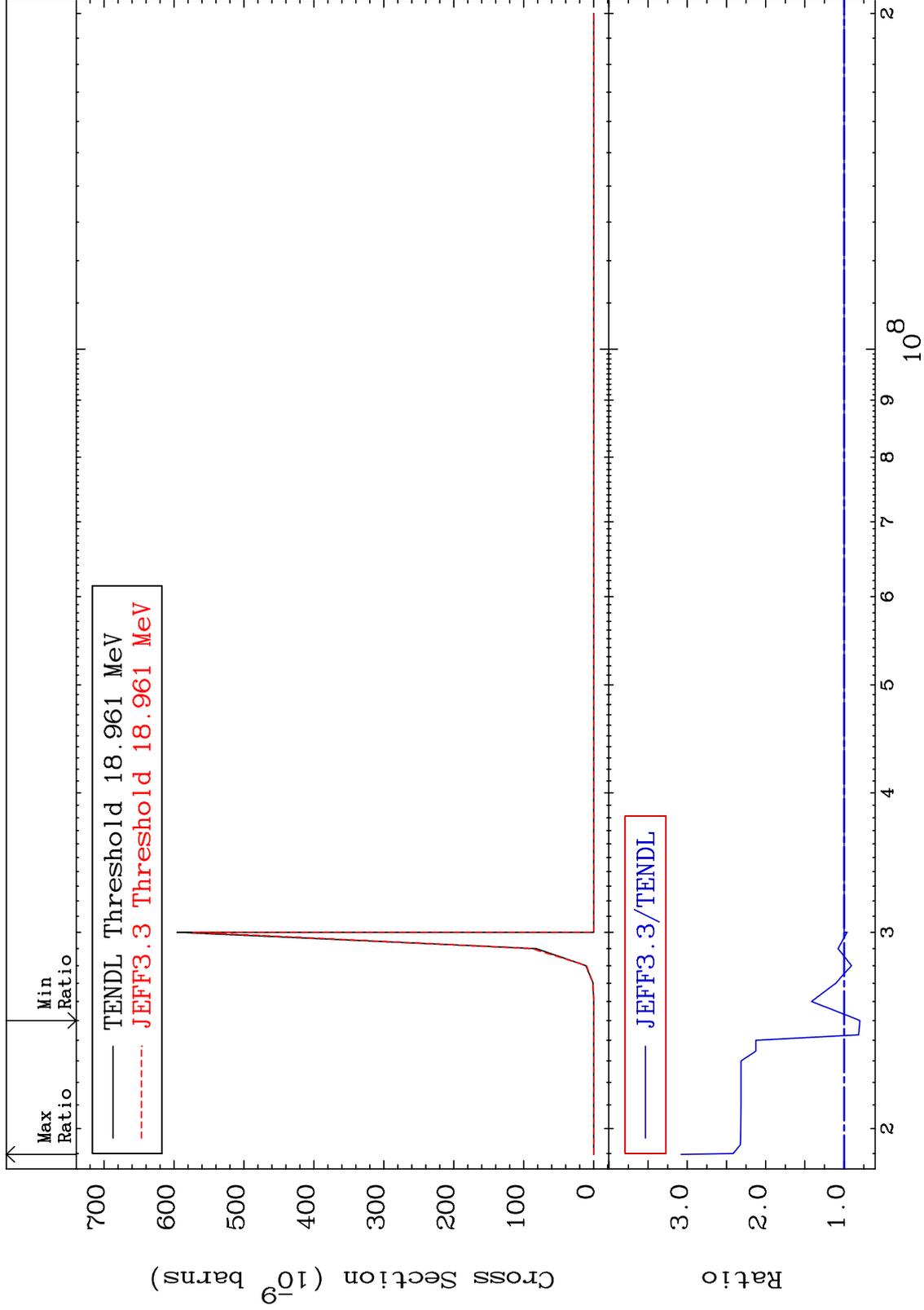
To 152.8 %

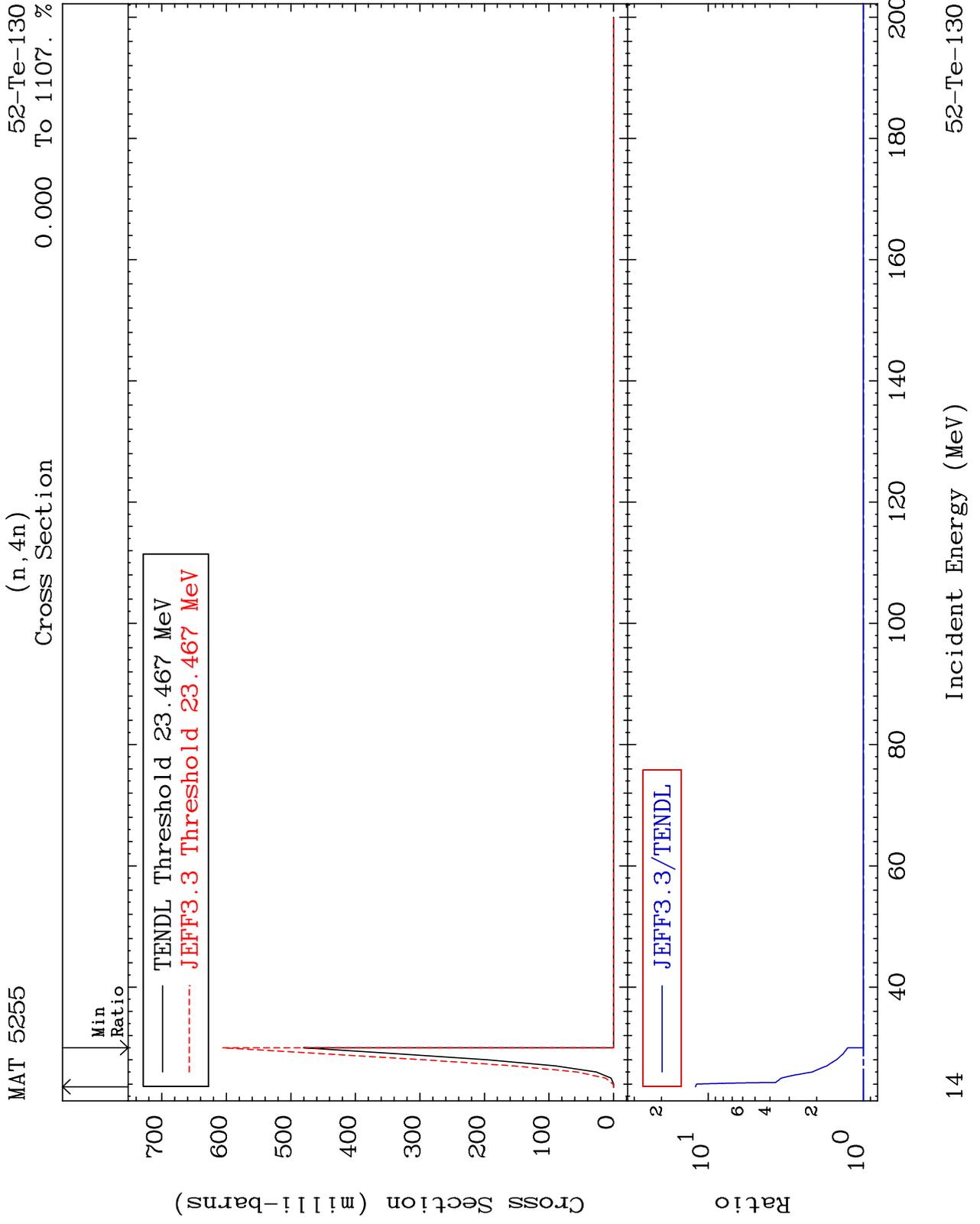


MAT 5255

(n, n') He-3  
Cross Section

52-Te-130  
-20.17 To 207.8 %

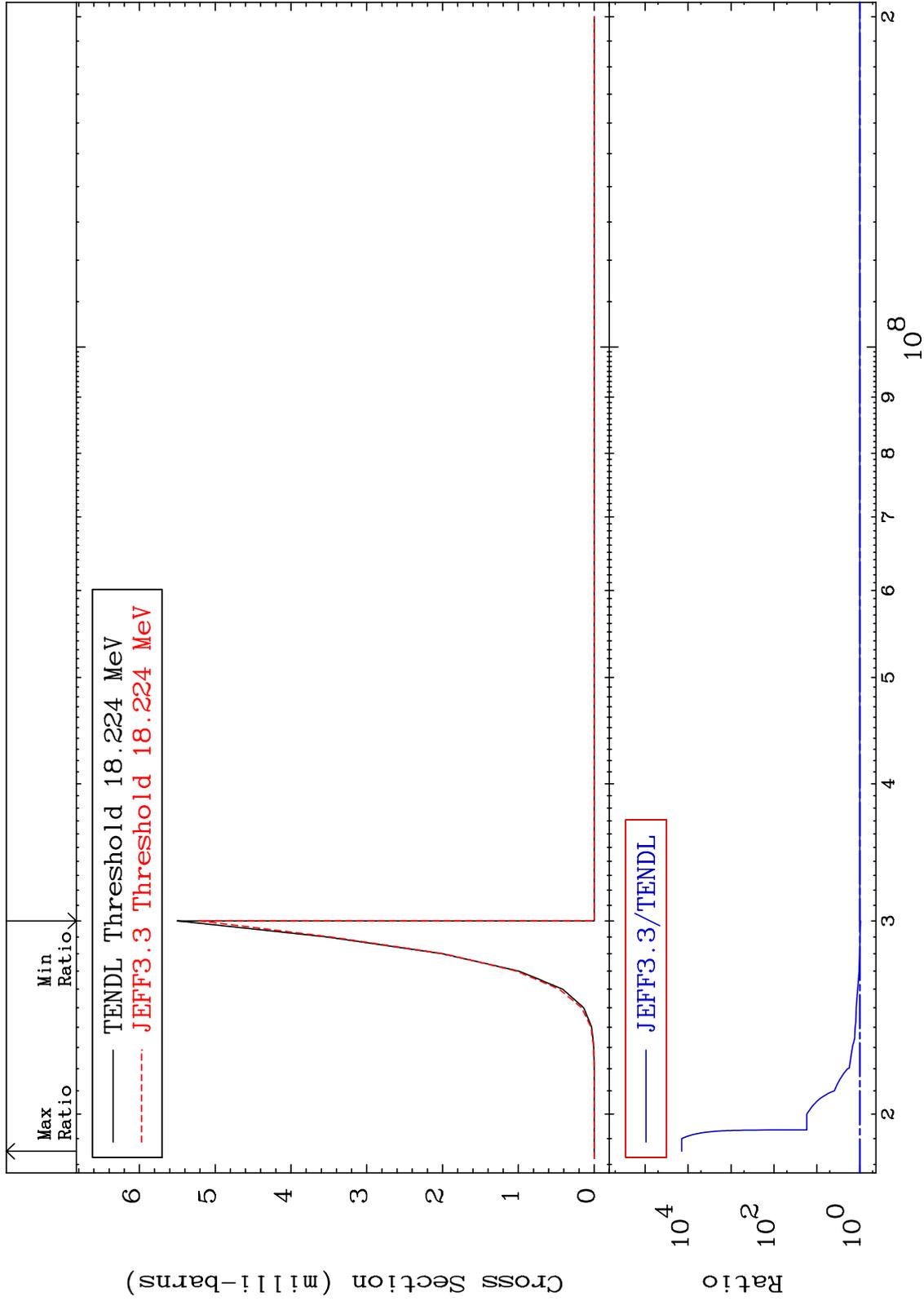




MAT 5255

(n,2n) p  
Cross Section

52-Te-130  
-5.302 To 9999. %



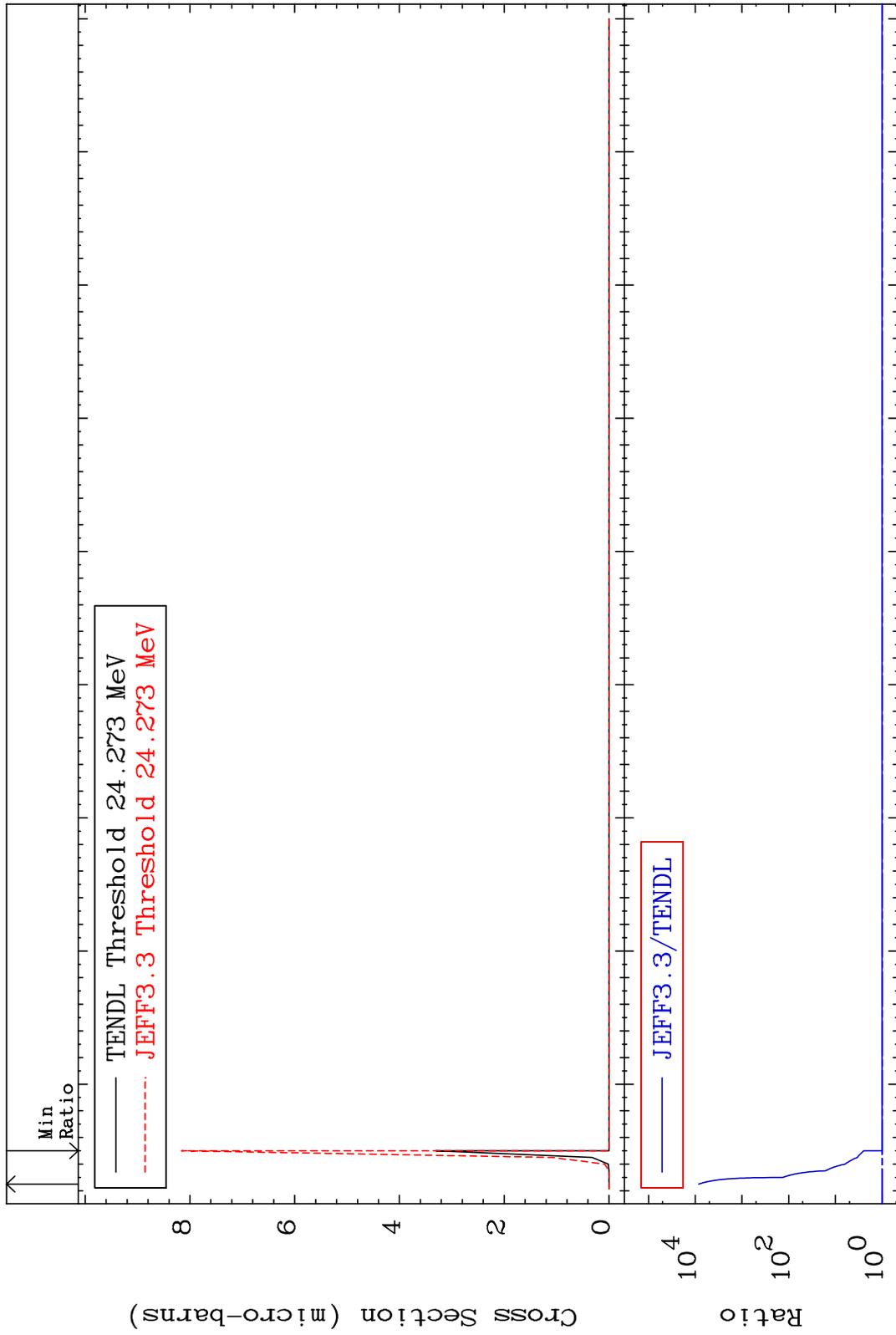
MAT 5255

(n,3n) p

52-Te-130

Cross Section

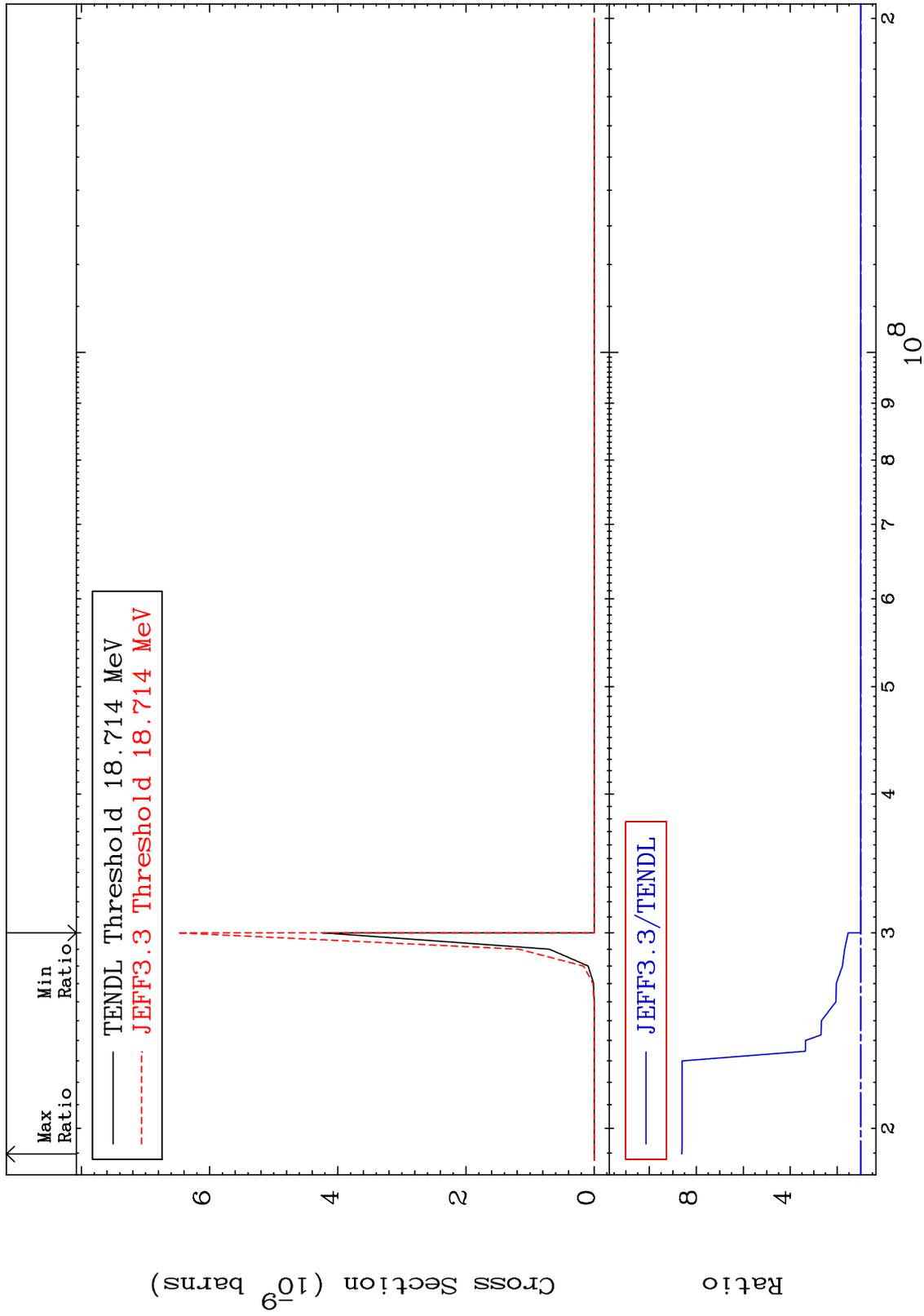
0.000 To 9999. %

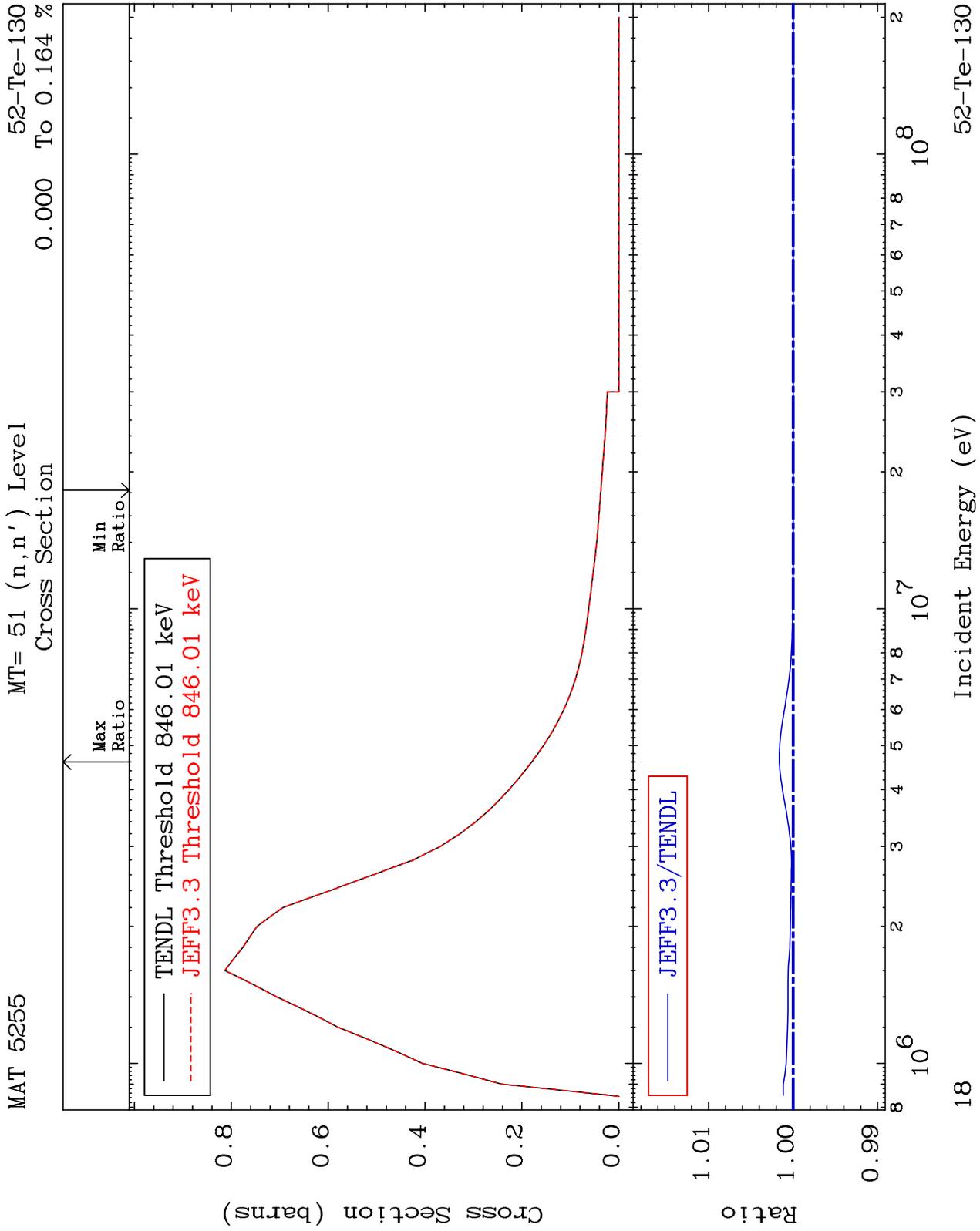


52-Te-130

Incident Energy (MeV)

MAT 5255 (n,2n) p 52-Te-130  
Cross Section 0.000 To 762.1 %



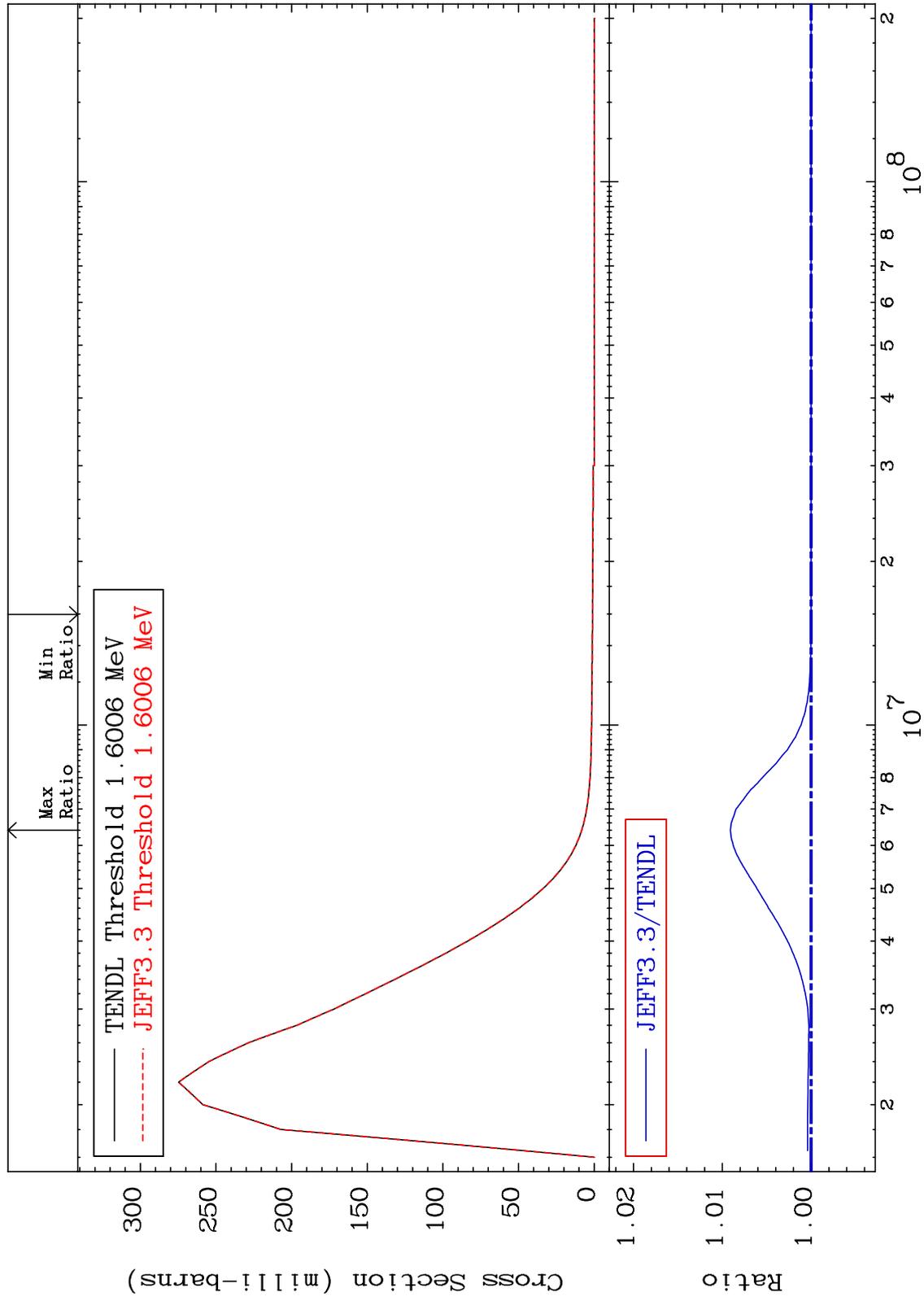


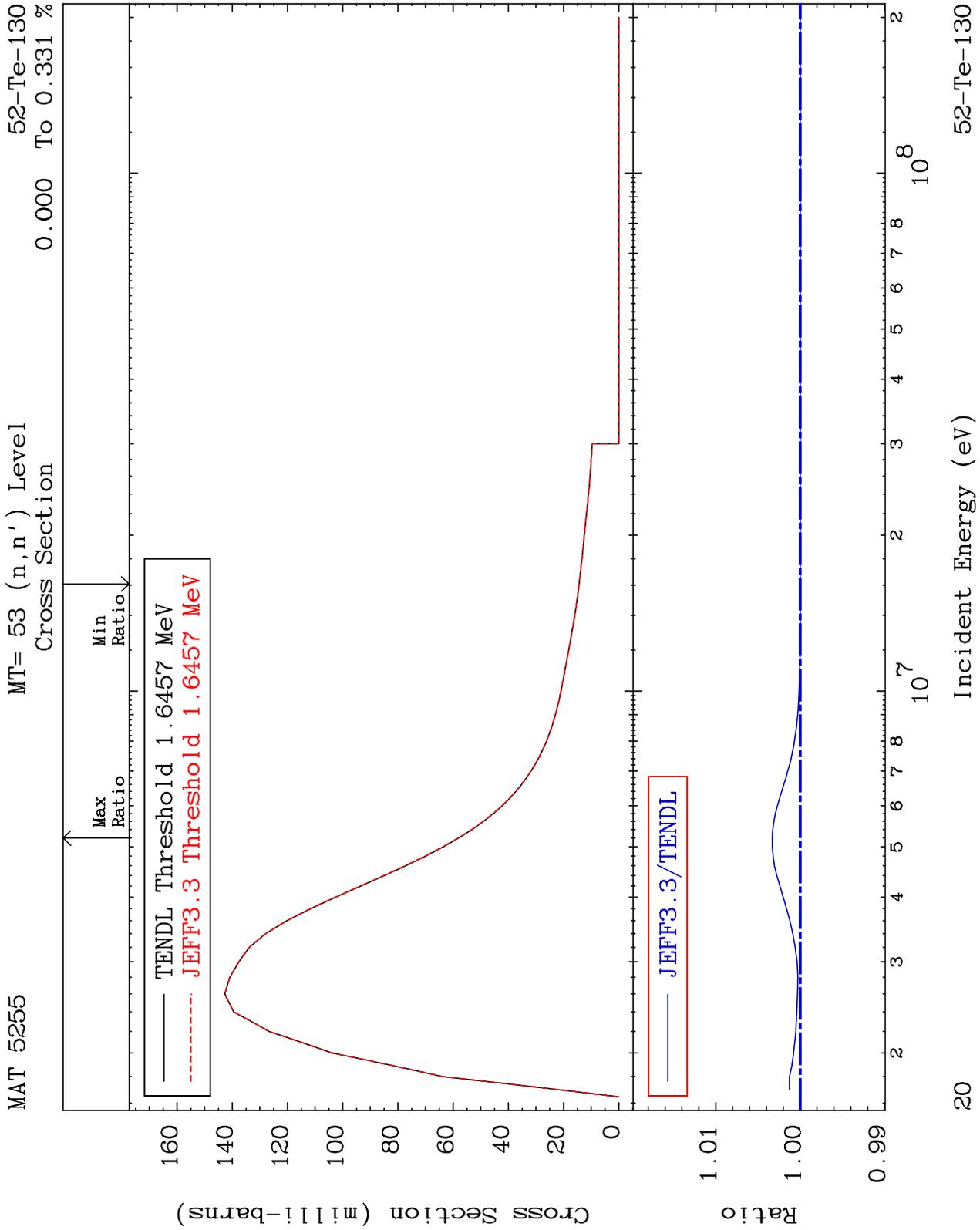
MAT 5255

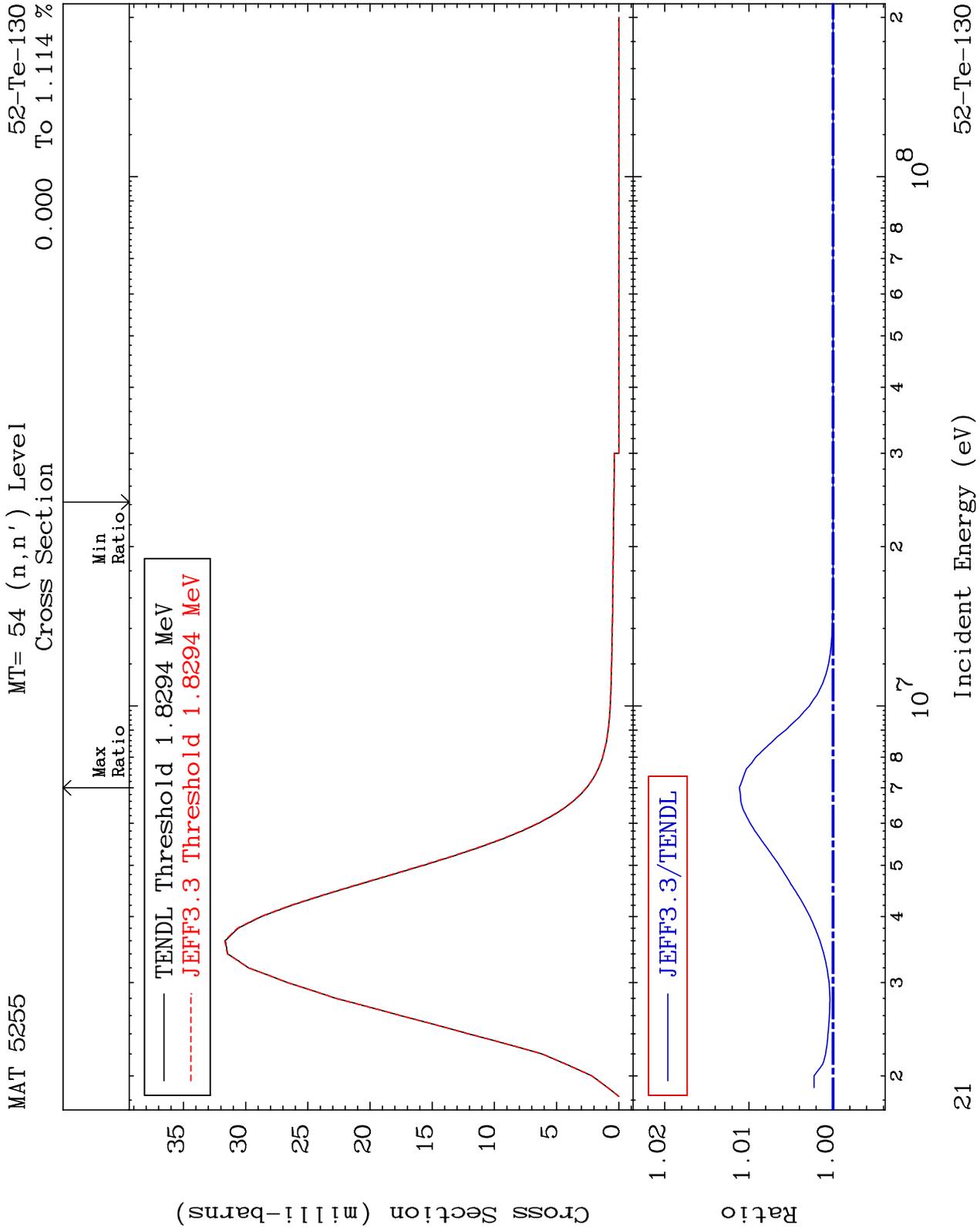
MT= 52 (n,n') Level

52-Te-130

Cross Section 0.000 To 0.910 %



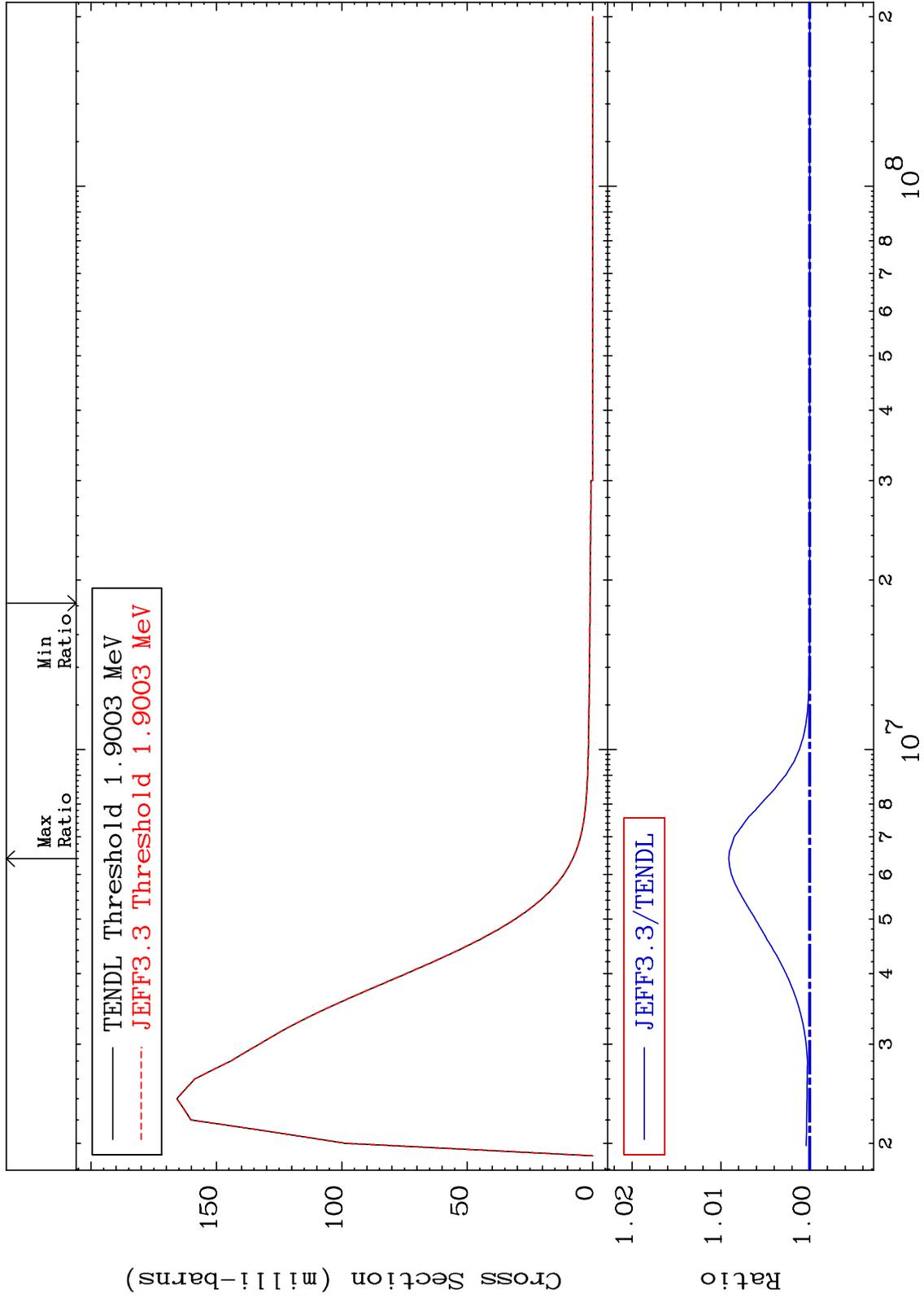


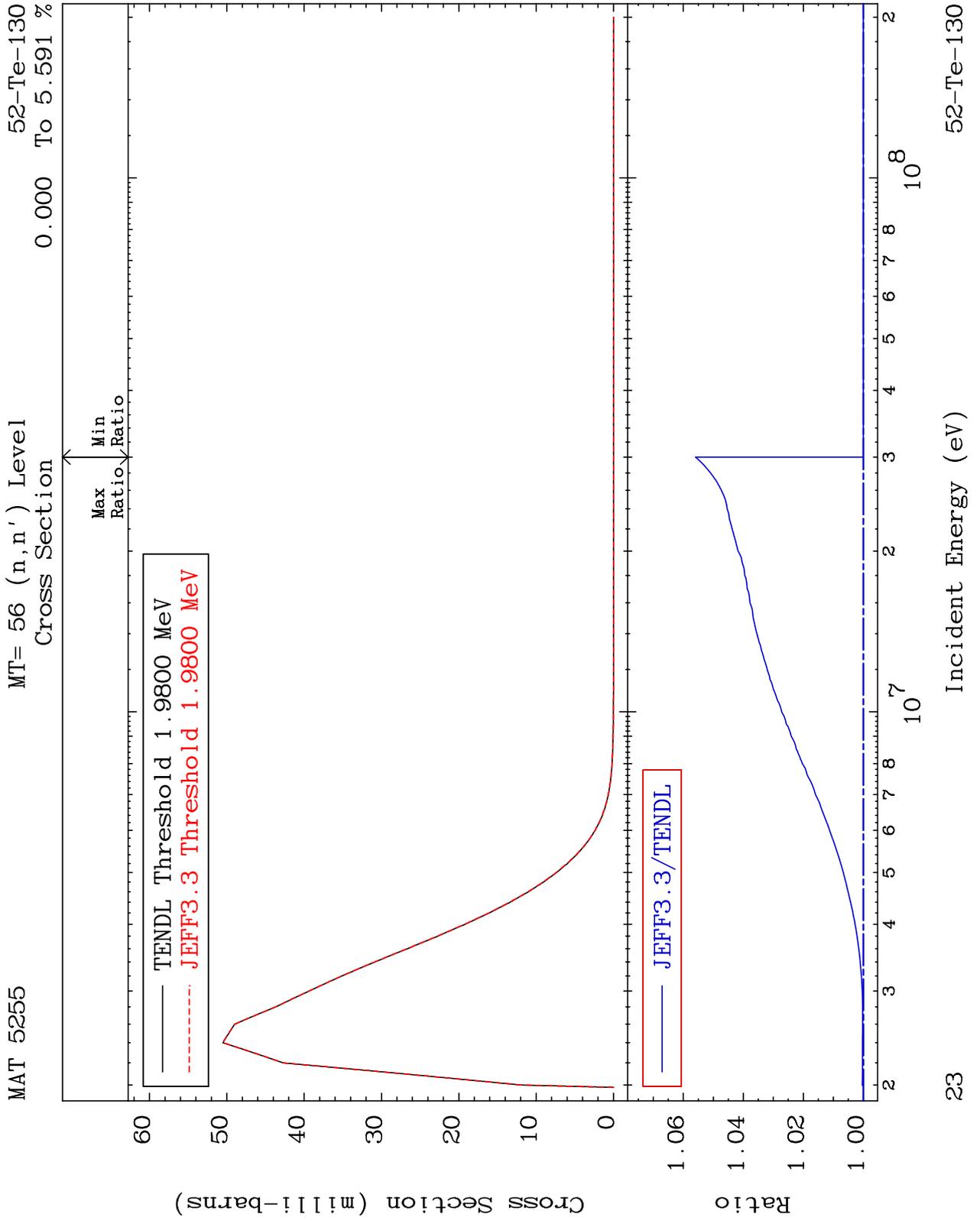


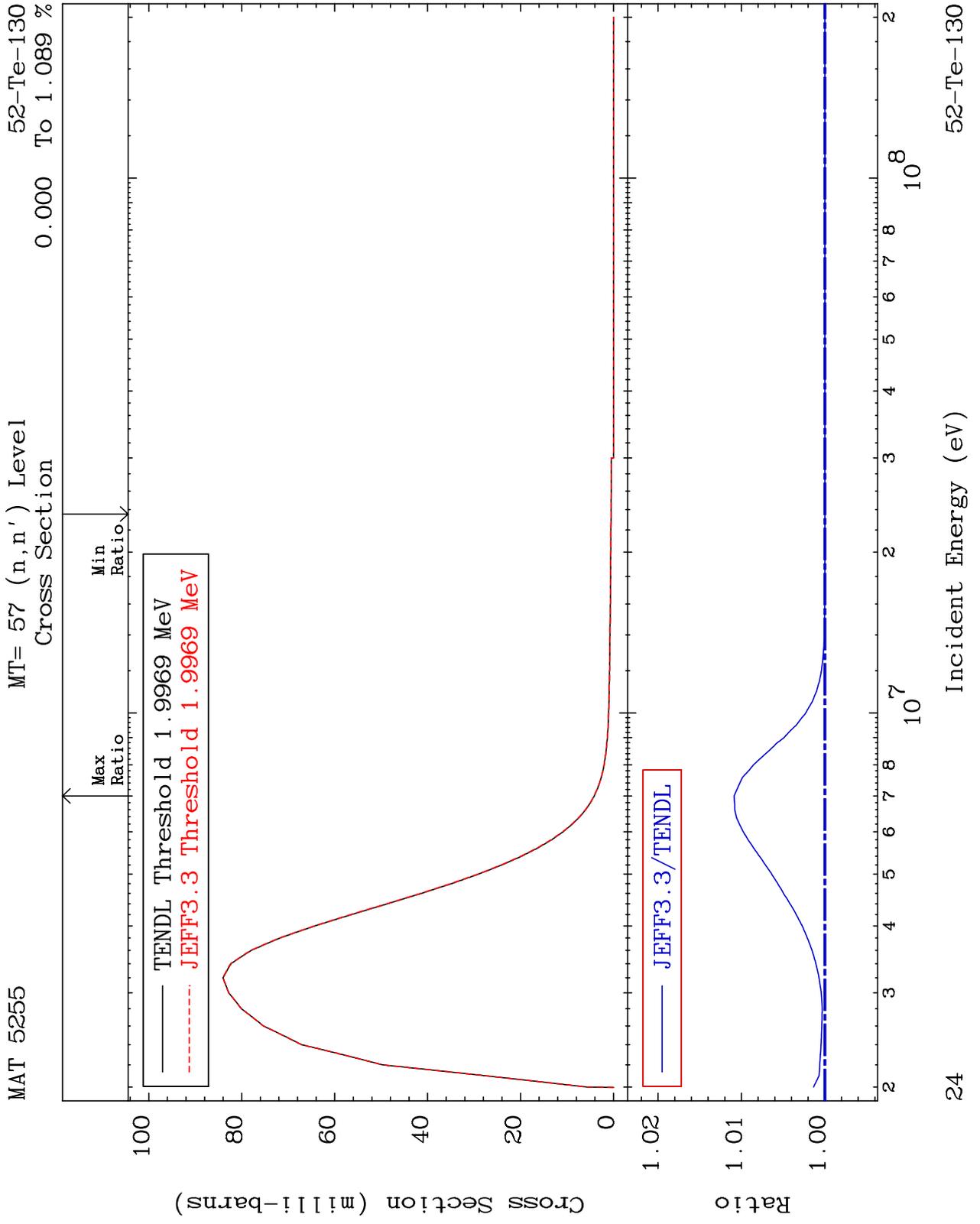
MAT 5255

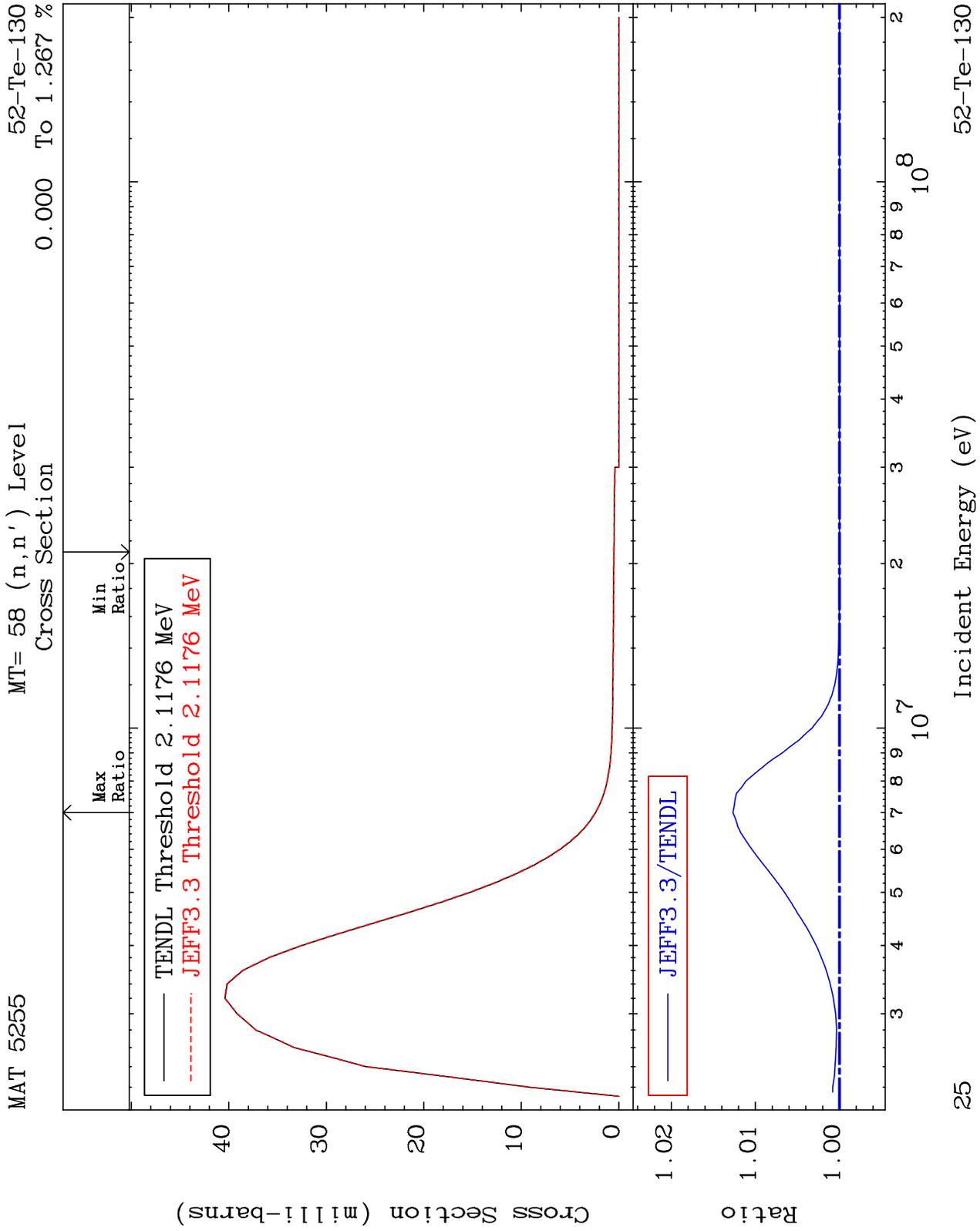
MT= 55 (n,n') Level  
Cross Section

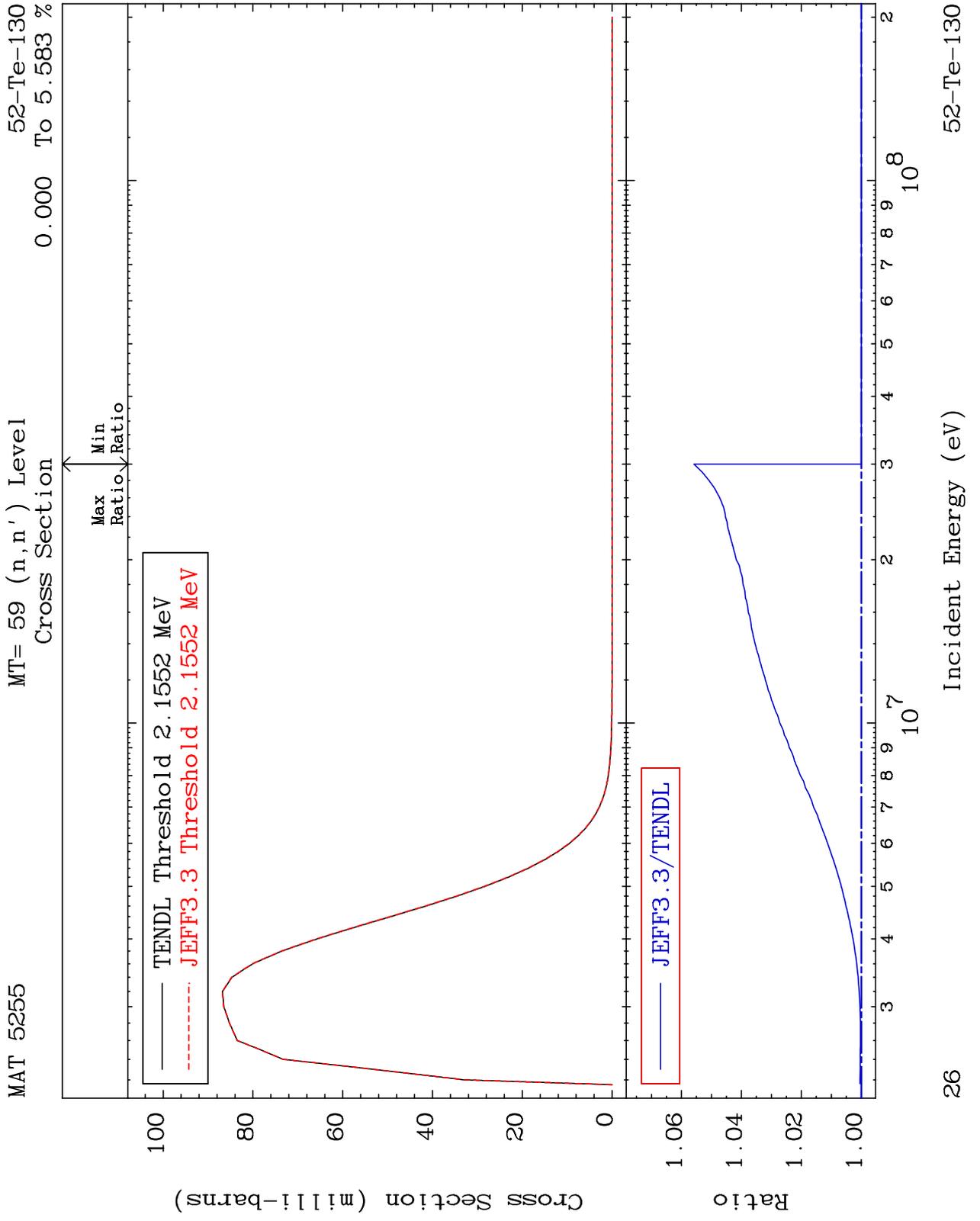
52-Te-130  
0.000 To 0.912 %

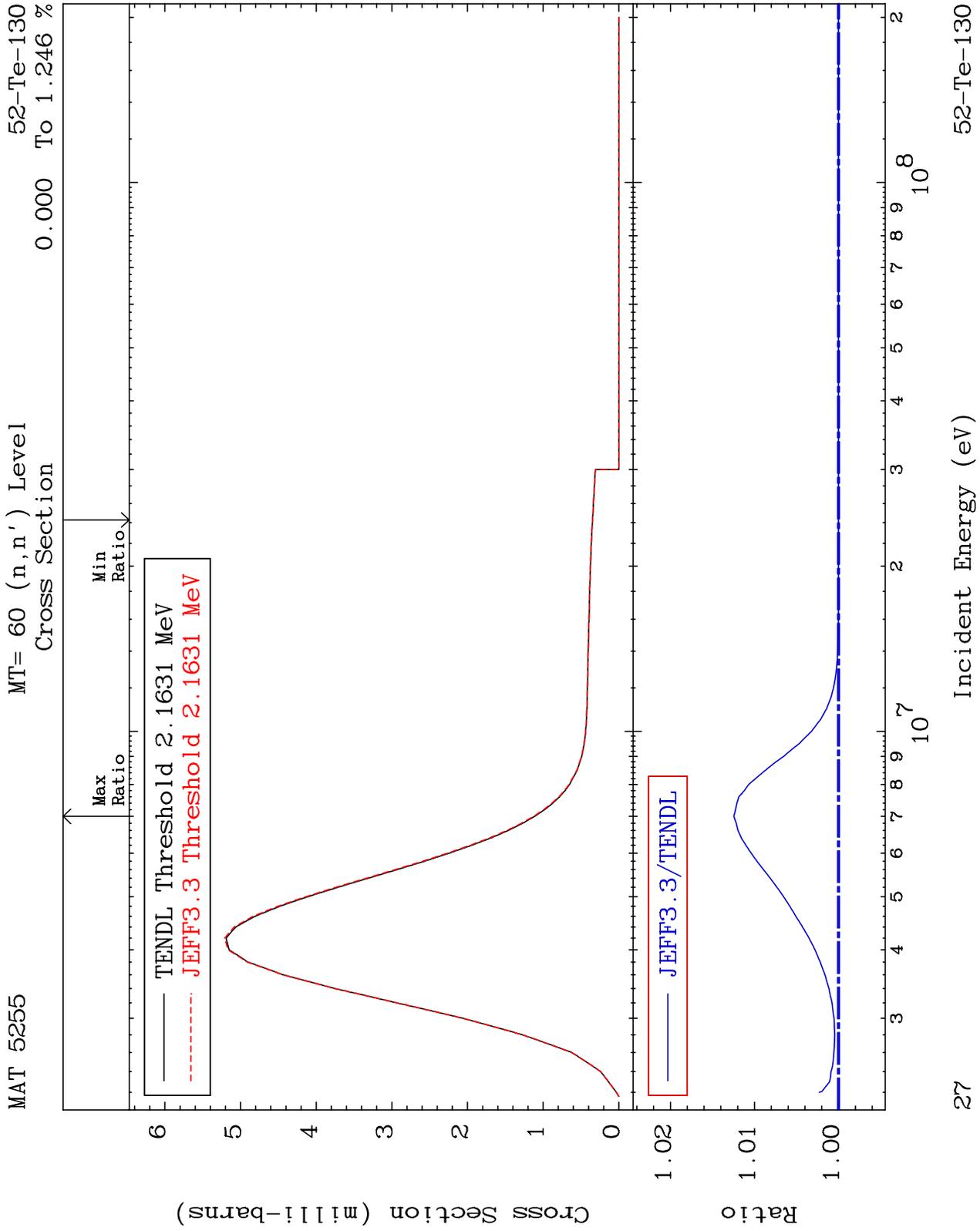


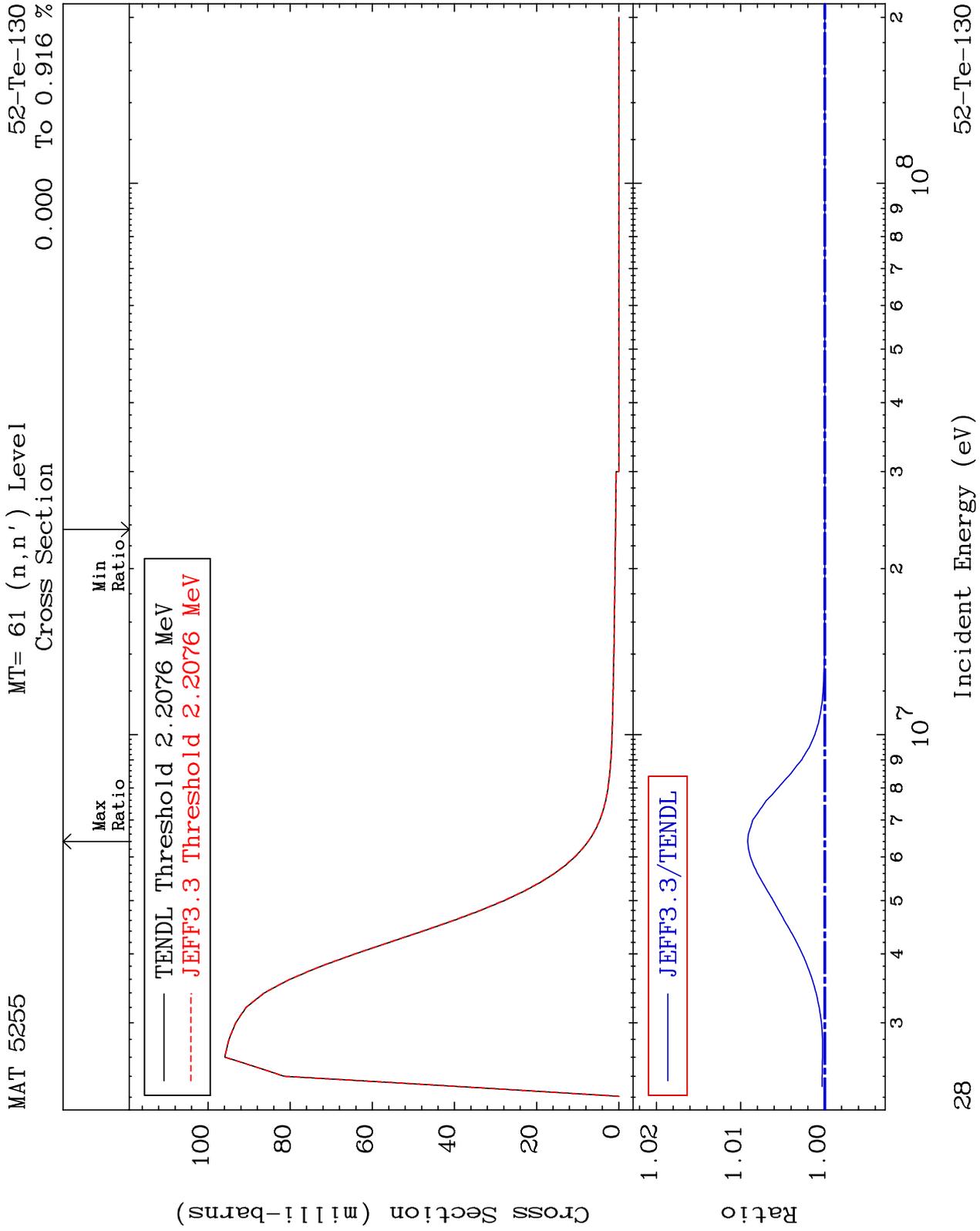








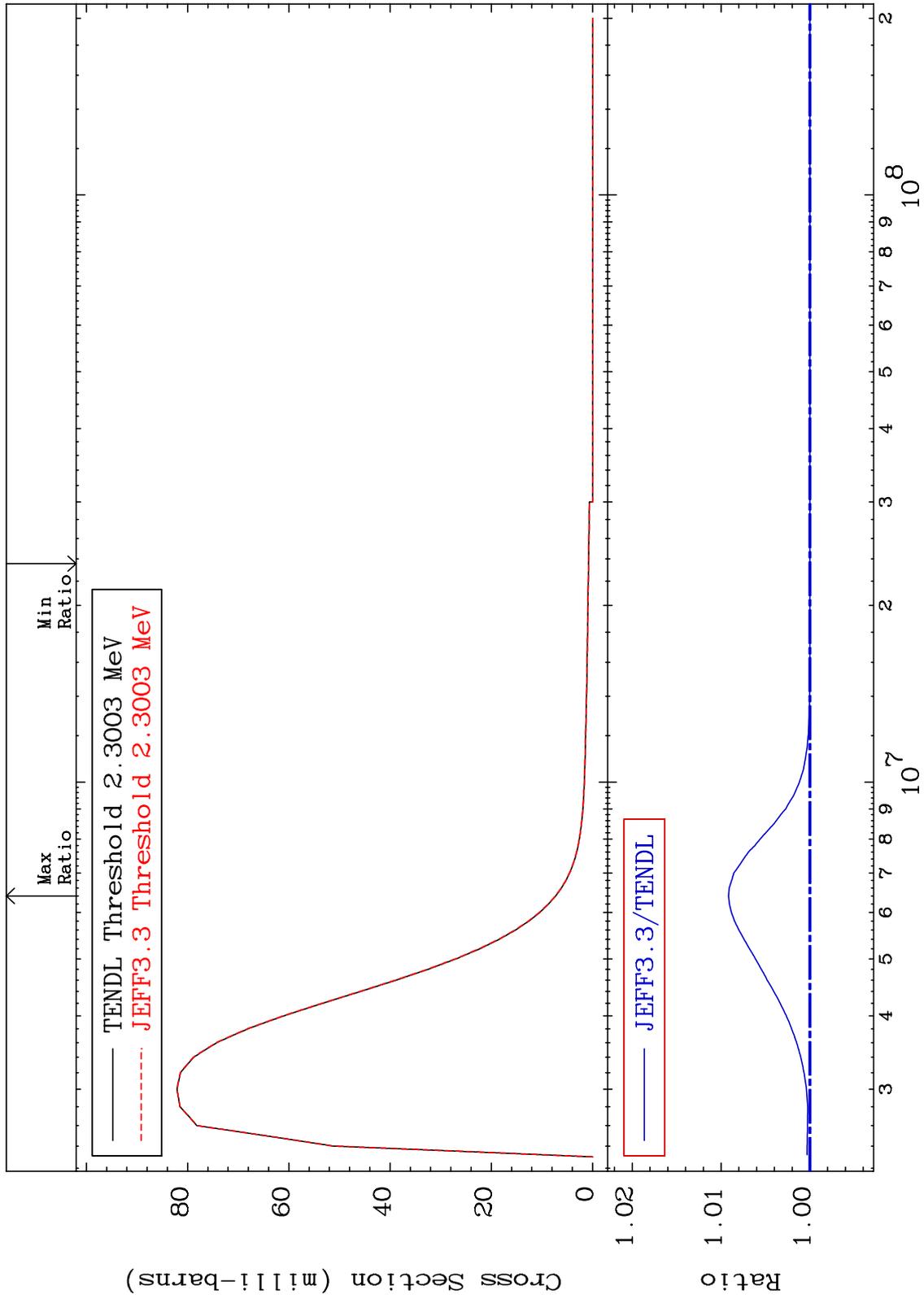




MAT 5255

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

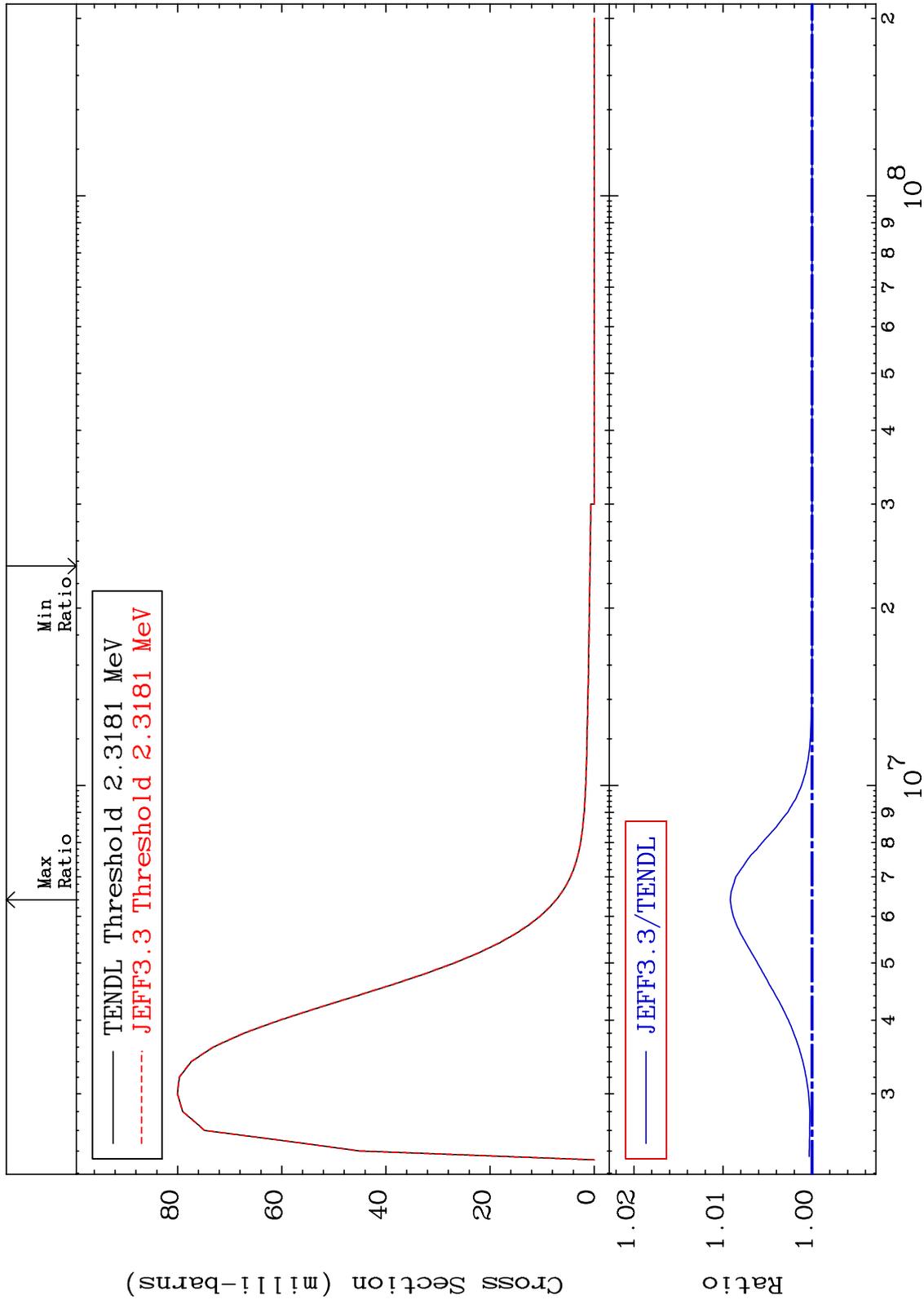
52-Te-130  
0.000 To 0.918 %



MAT 5255

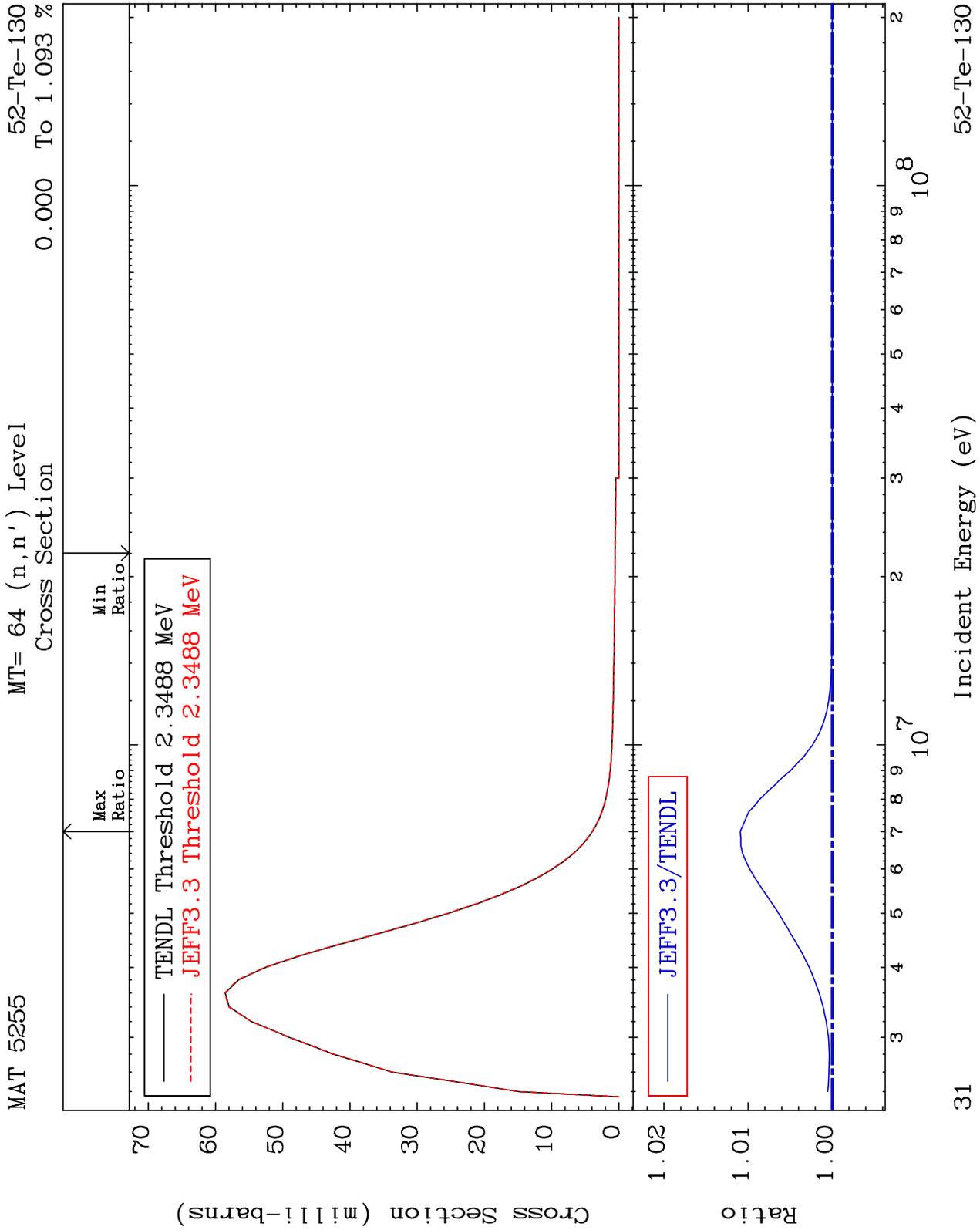
MT= 63 (n, n') Level  
Cross Section

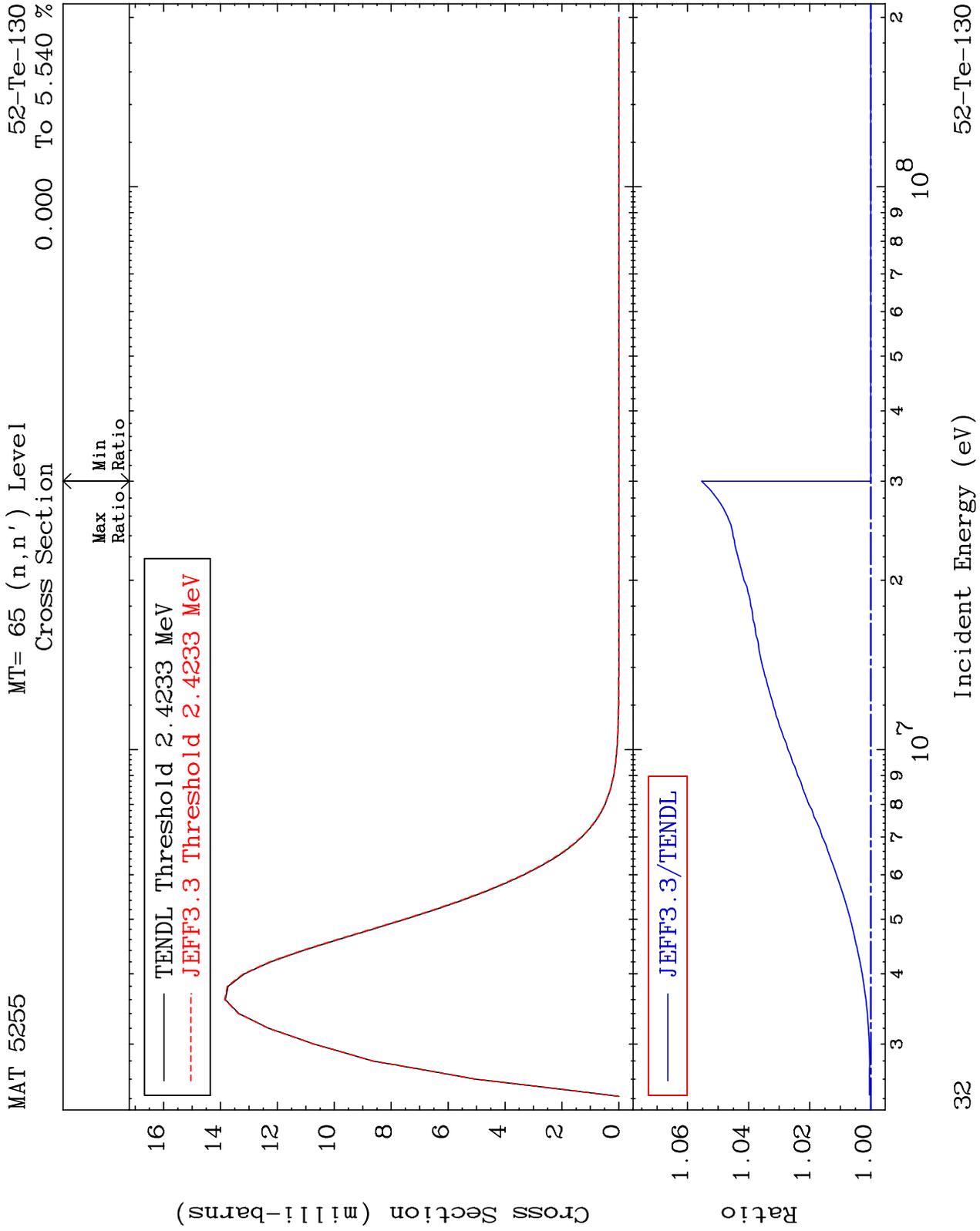
52-Te-130  
0.000 To 0.918 %

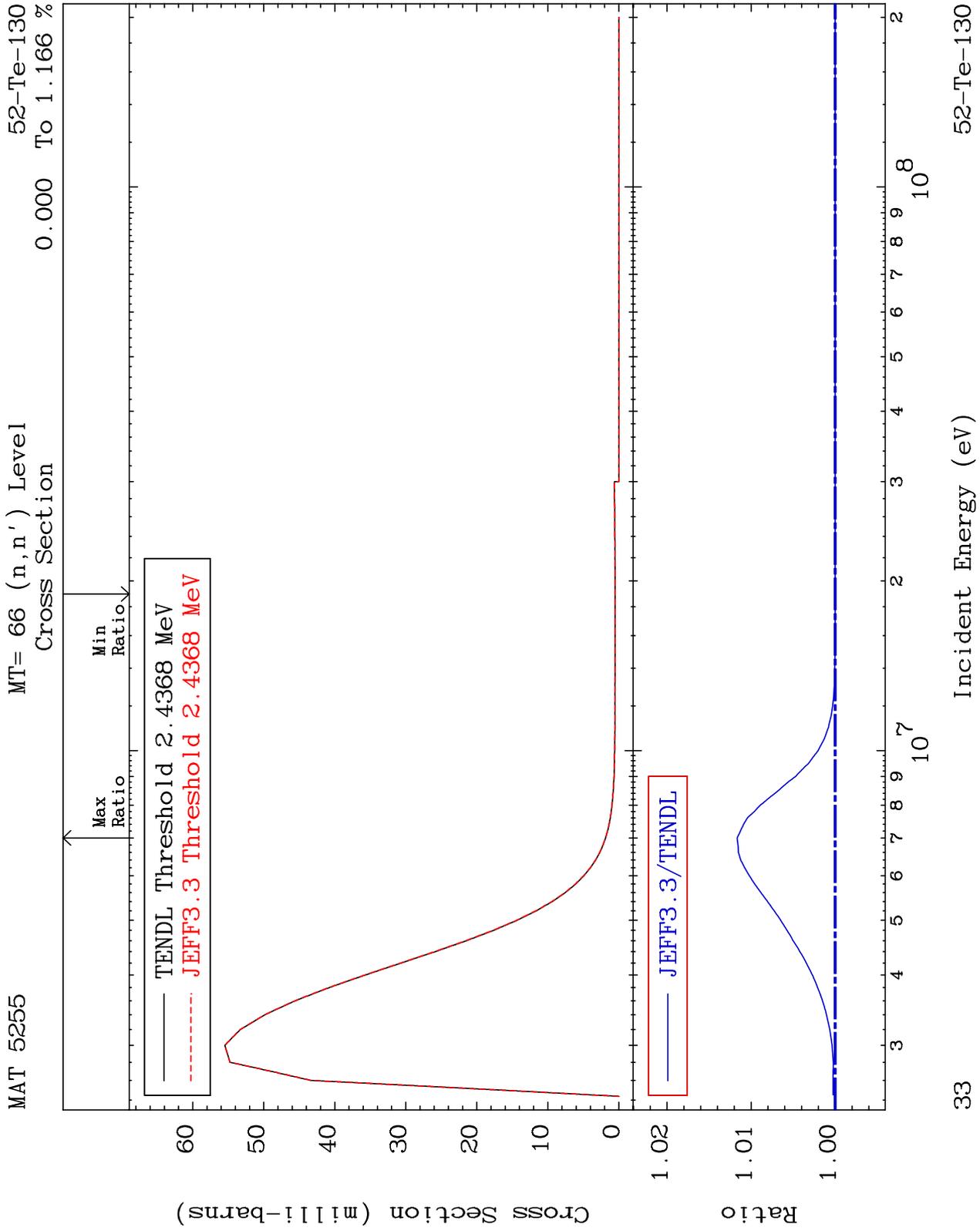


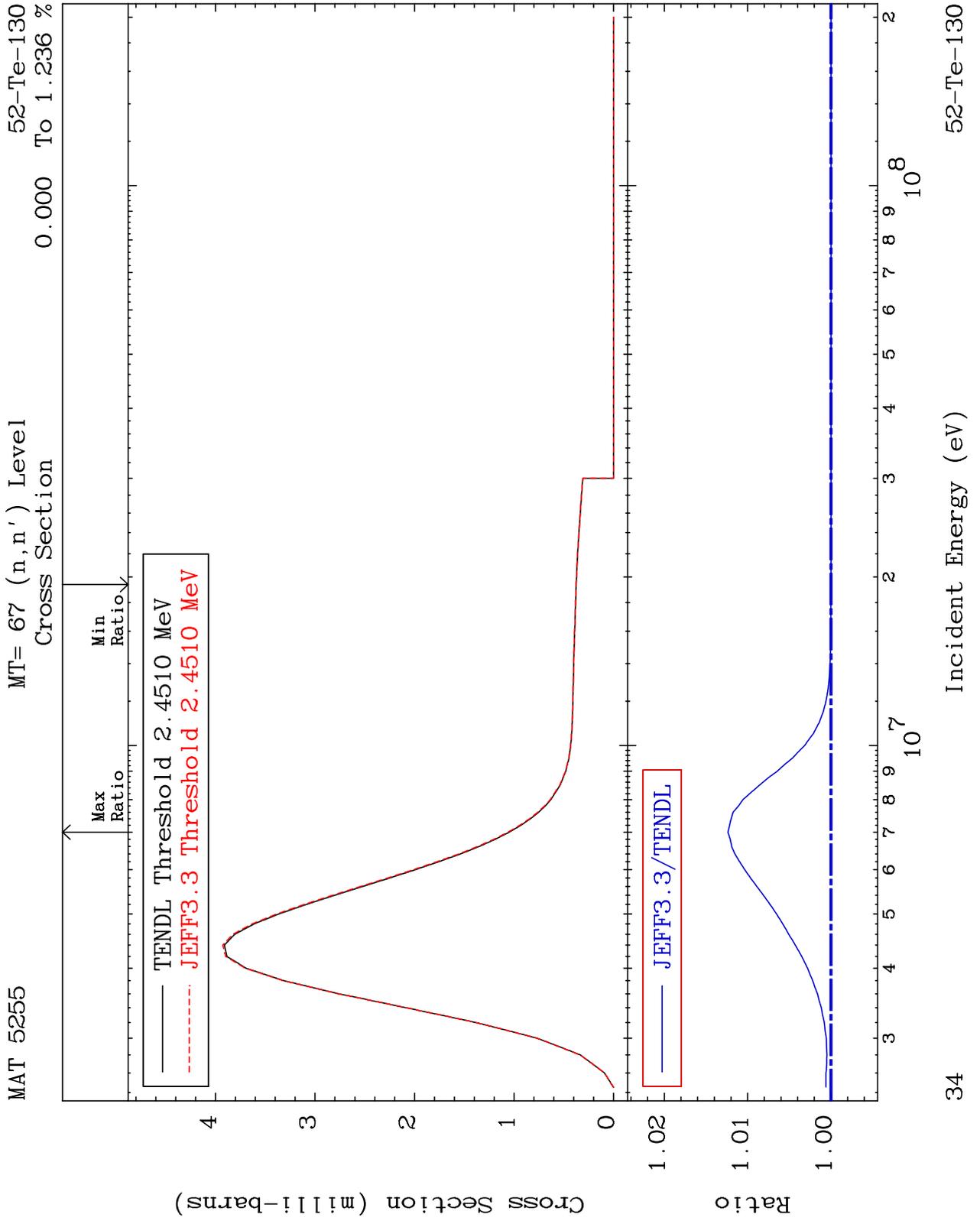
30

52-Te-130





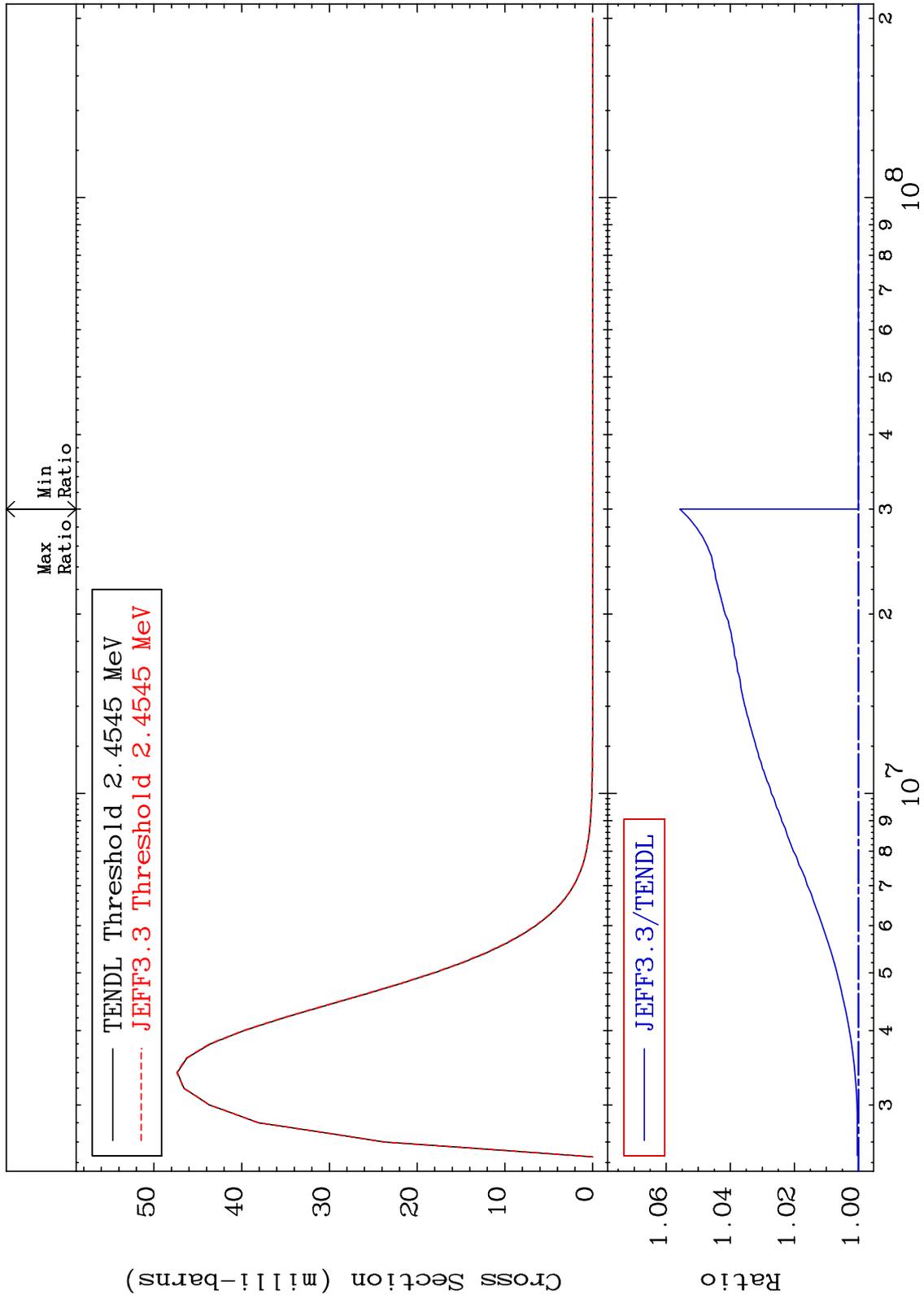


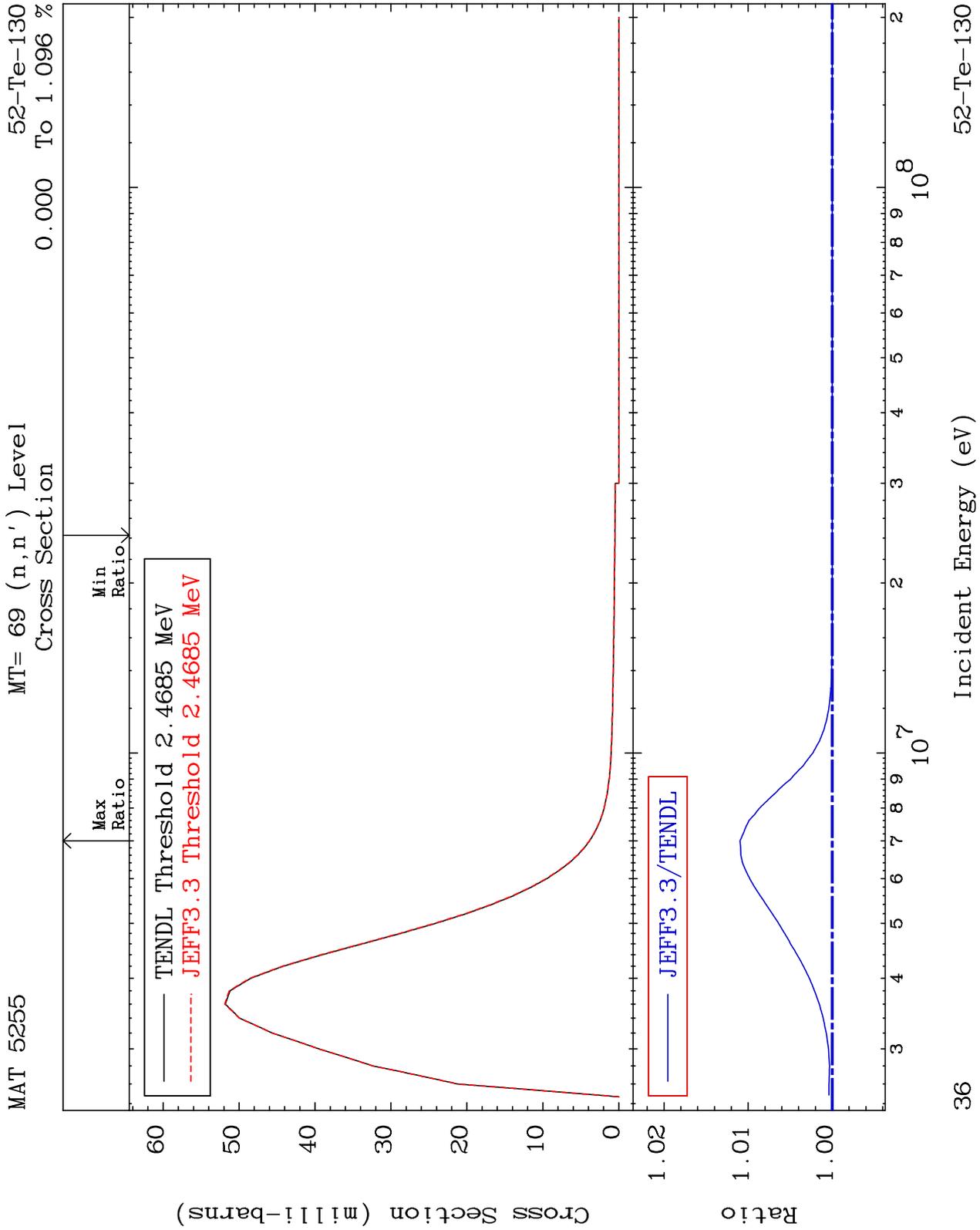


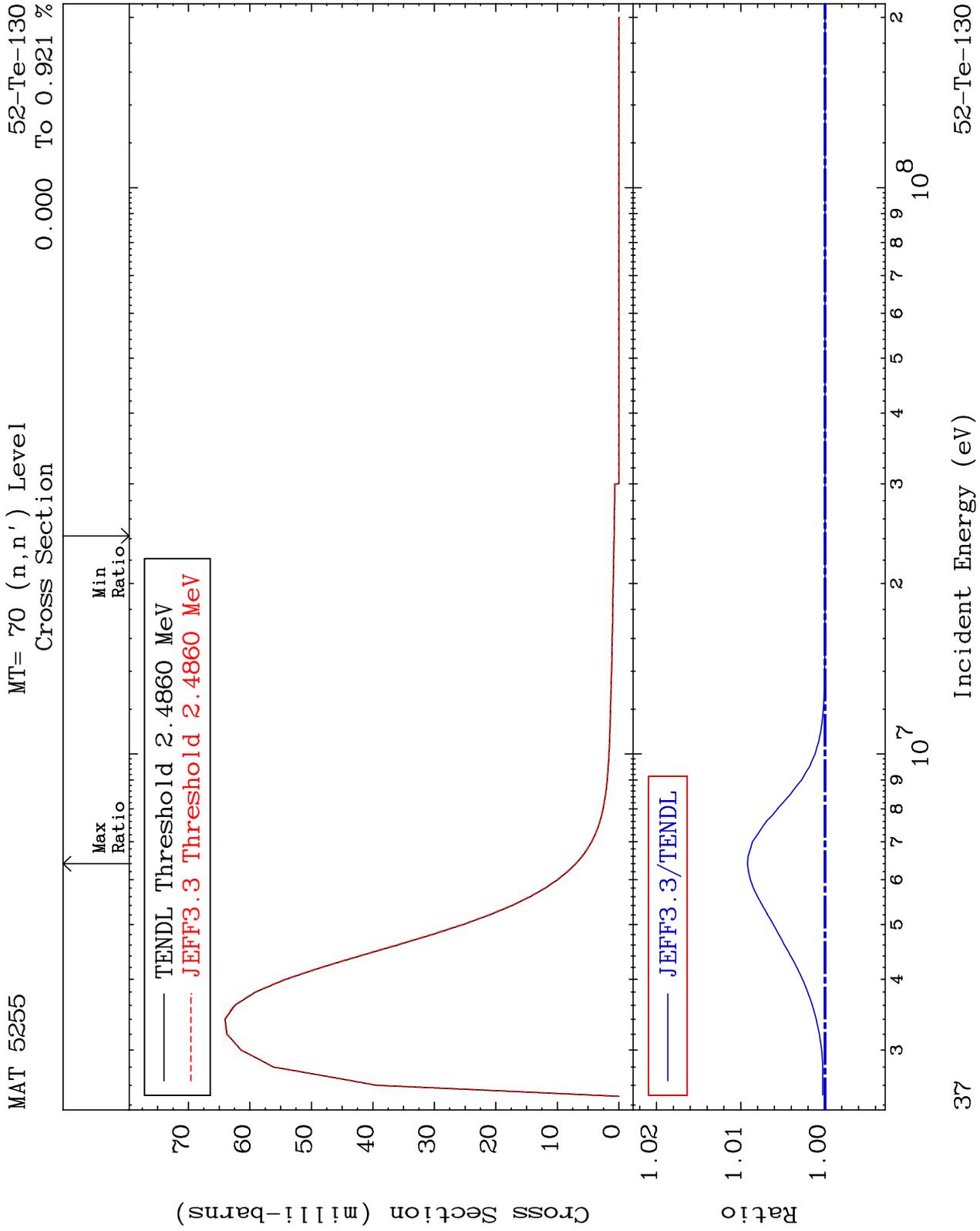
MAT 5255

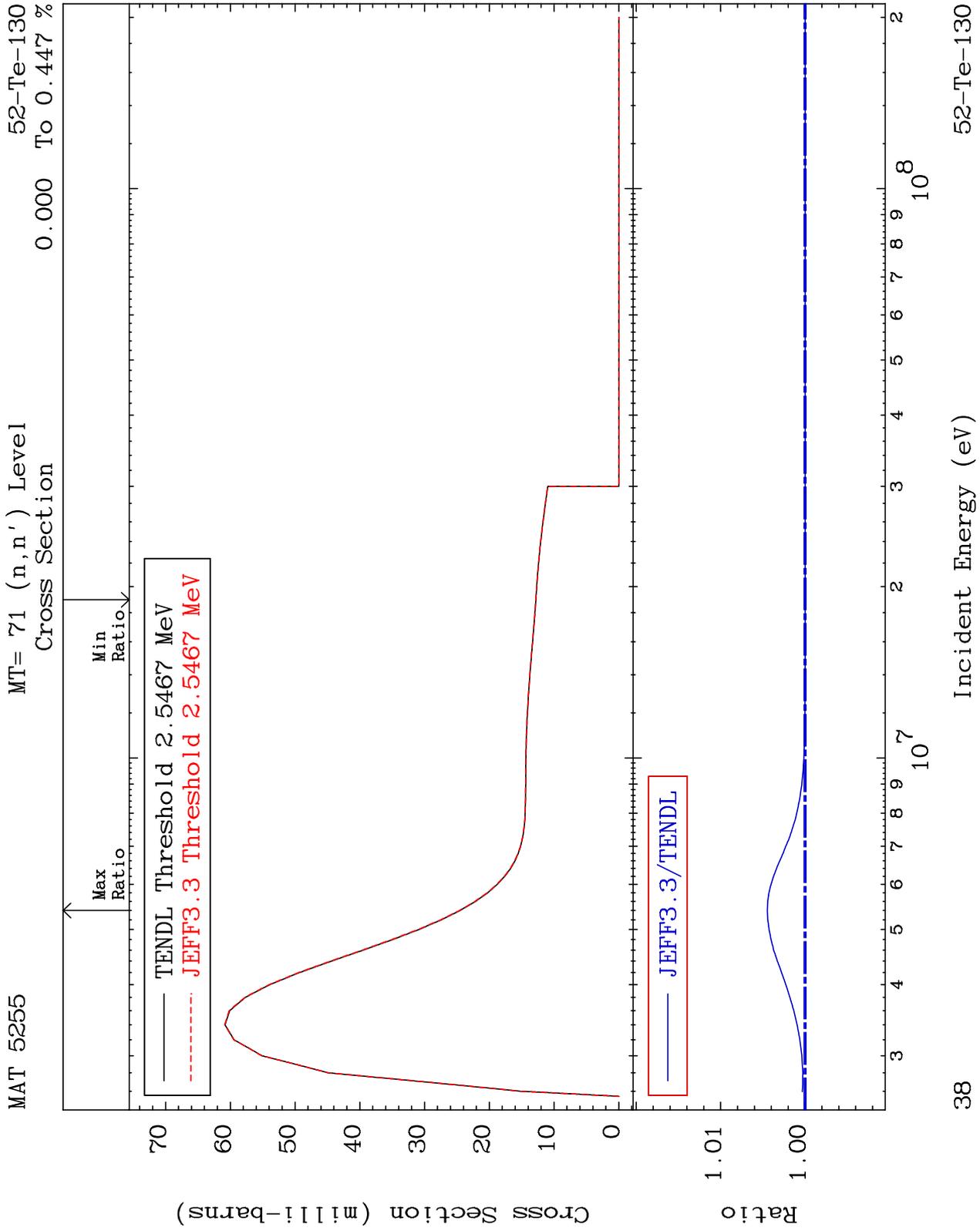
MT= 68 (n, n') Level  
Cross Section

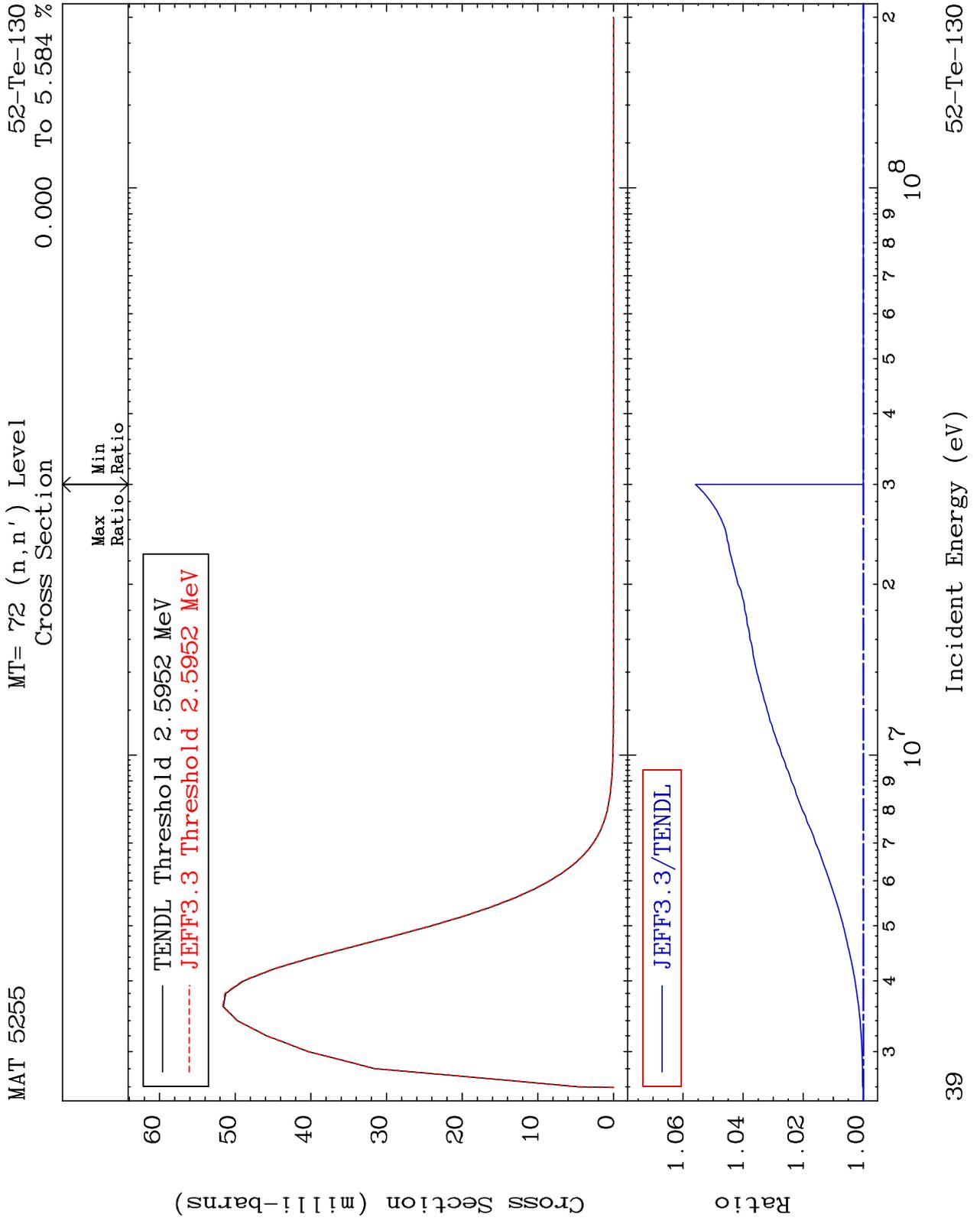
52-Te-130  
To 5.571 %  
0.000







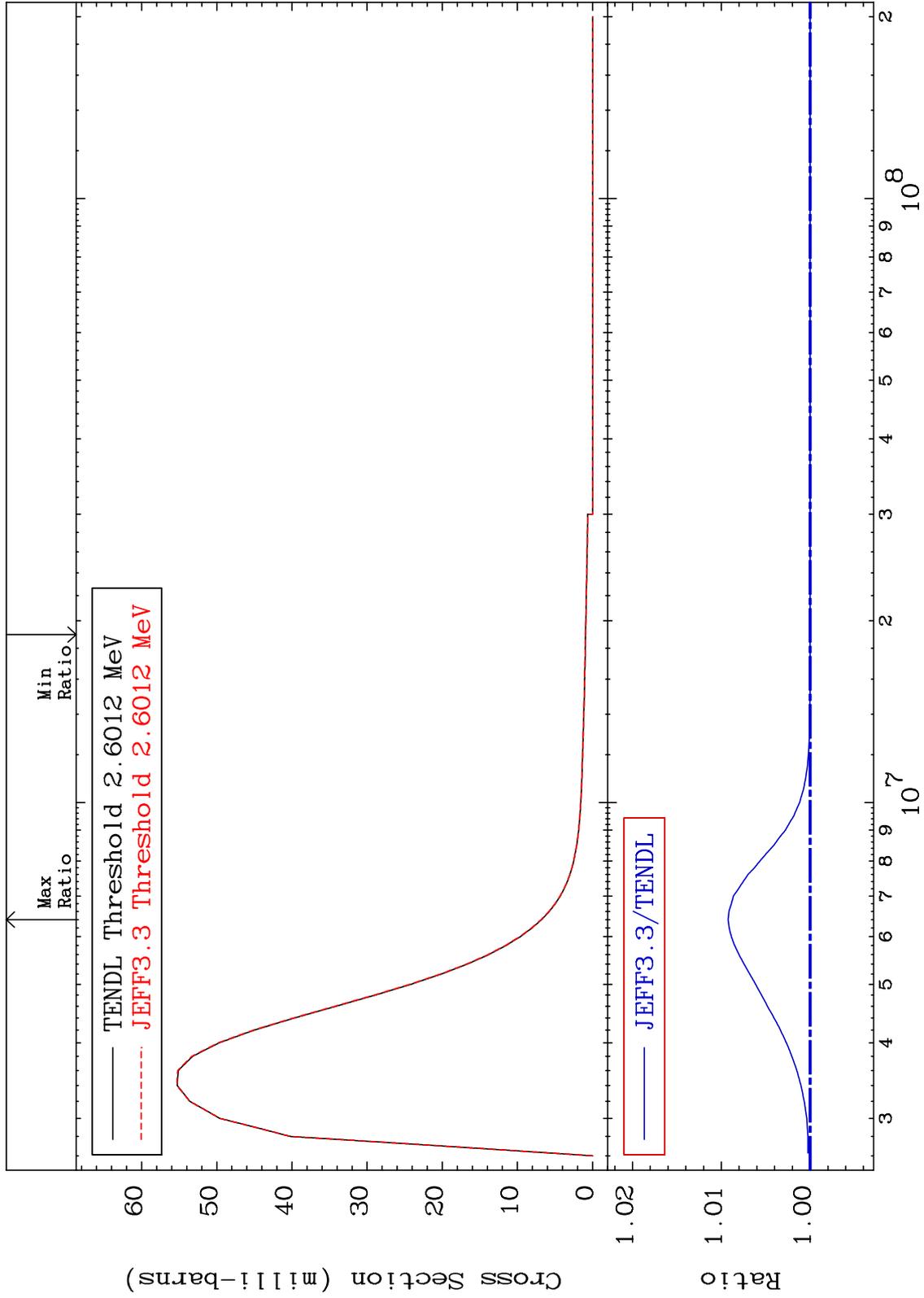




MAT 5255

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

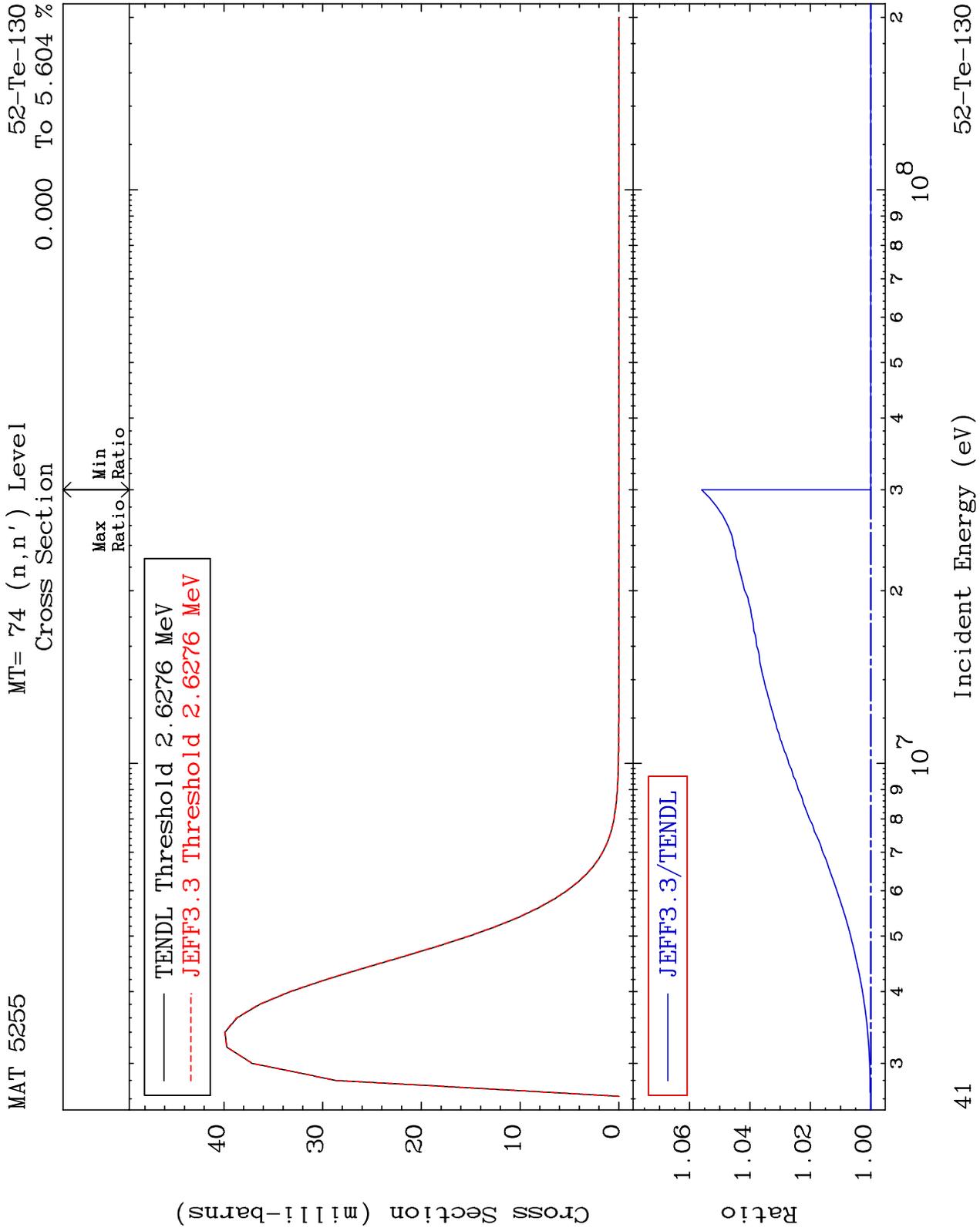
52-Te-130  
0.000 To 0.923 %



40

Incident Energy (eV)

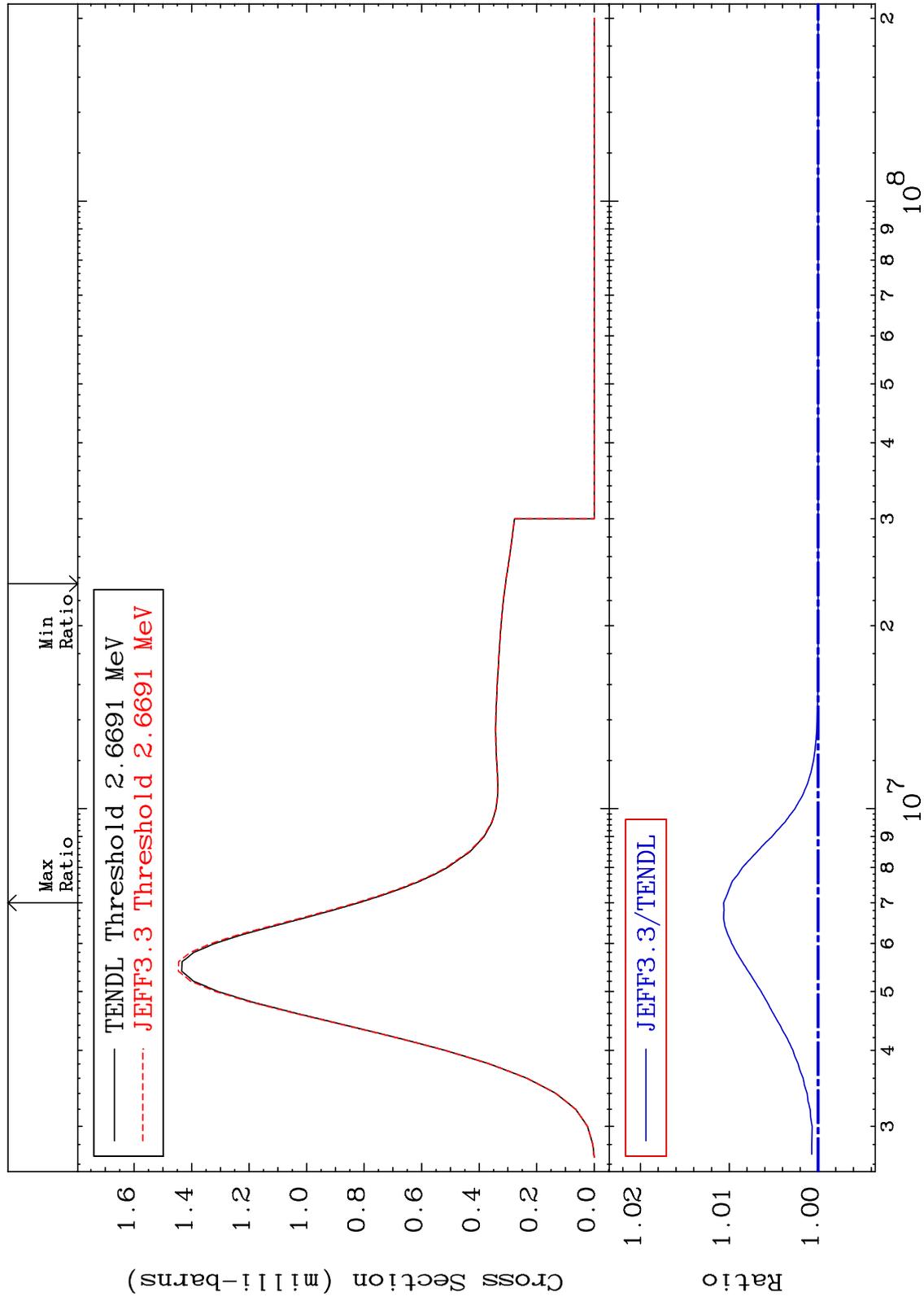
52-Te-130



MAT 5255

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

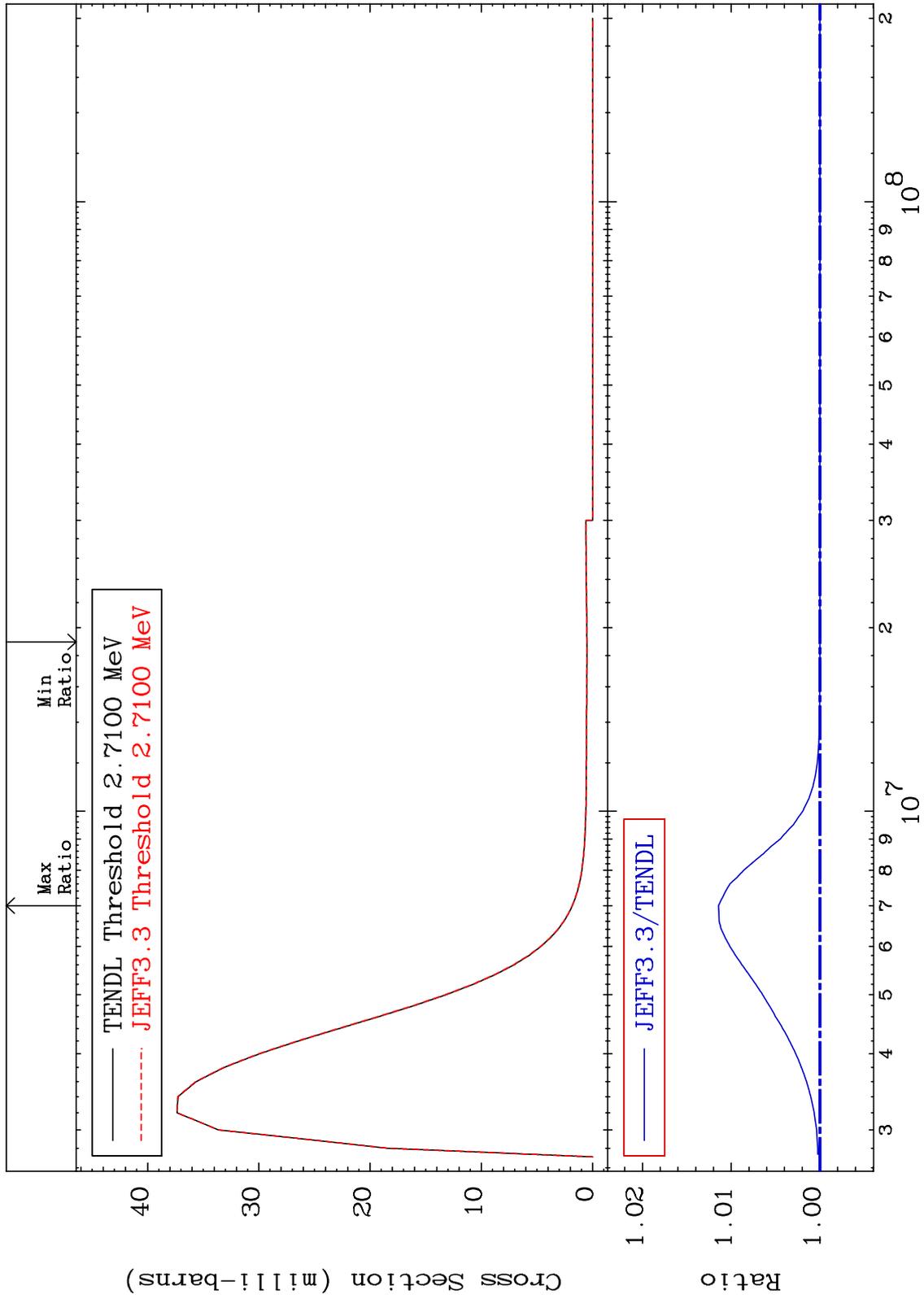
52-Te-130  
0.000 To 1.064 %

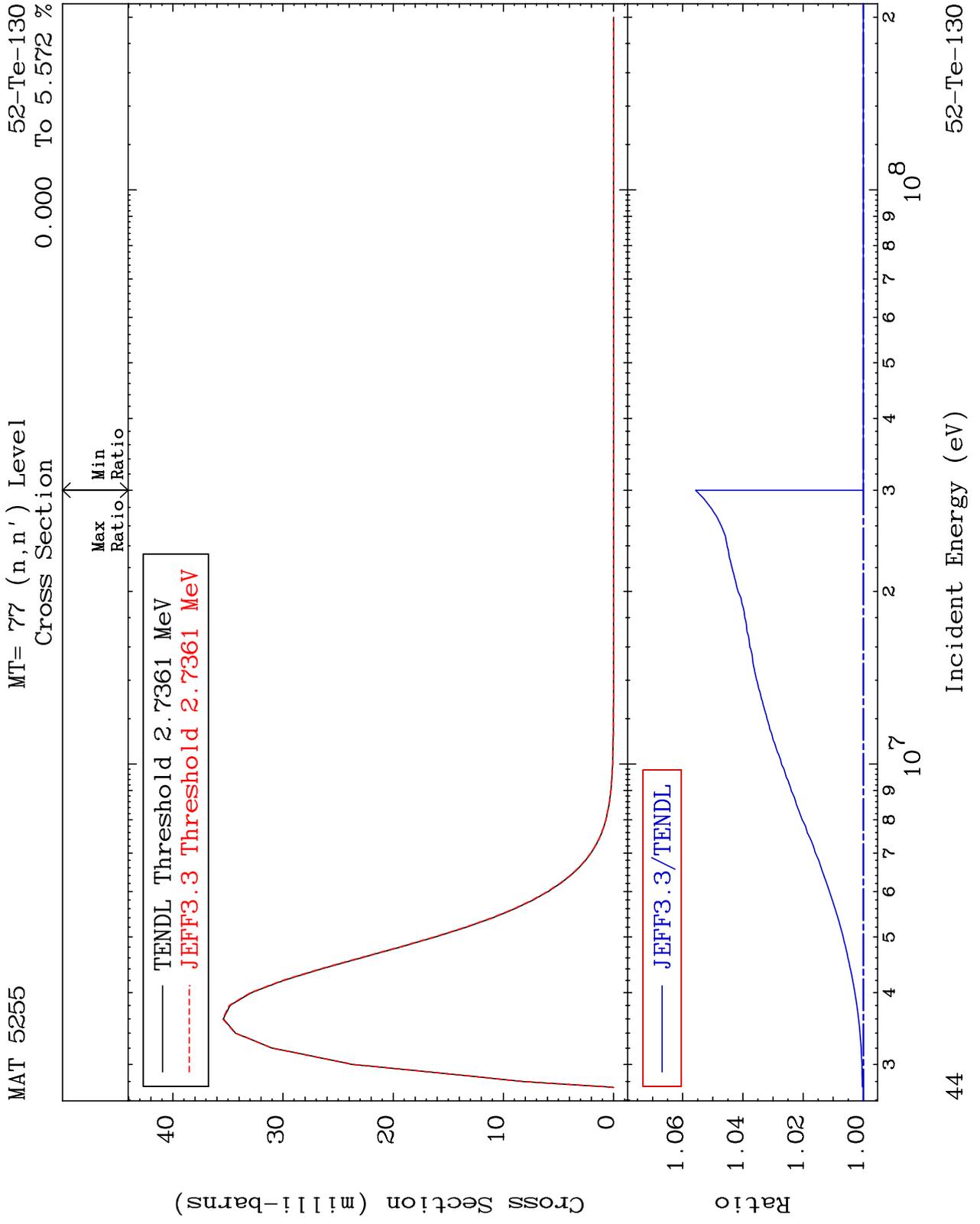


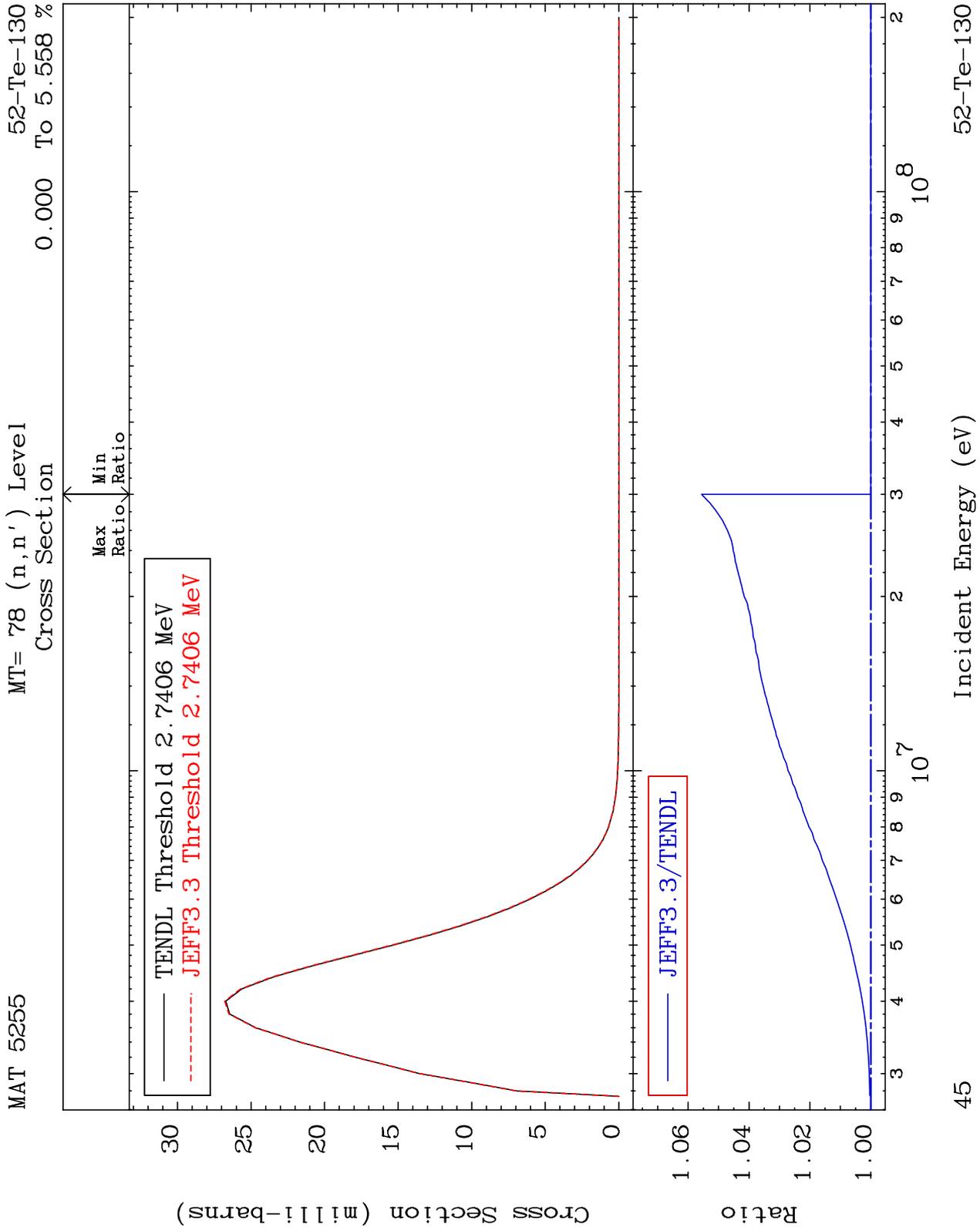
MAT 5255

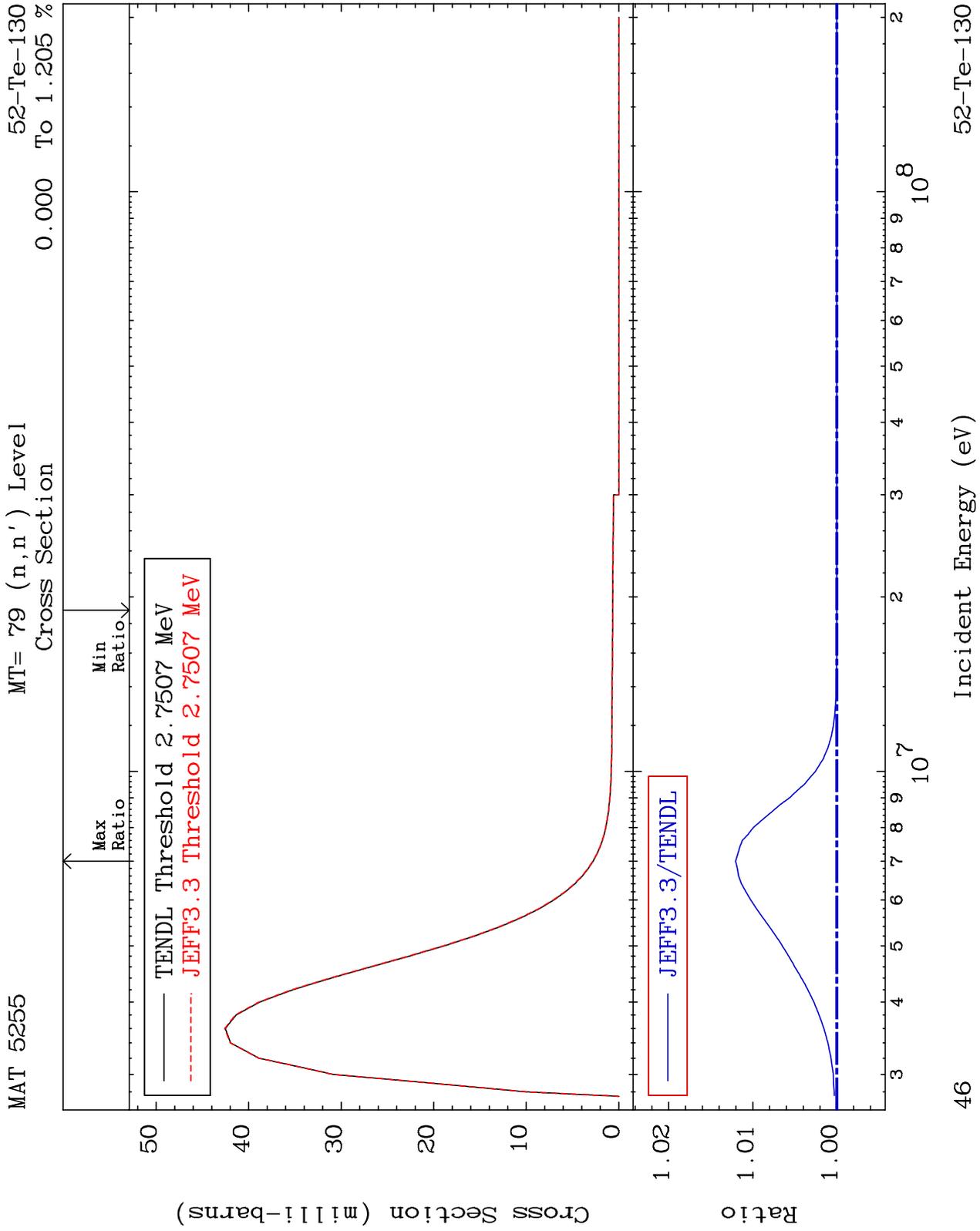
MT= 76 (n,n') Level  
Cross Section

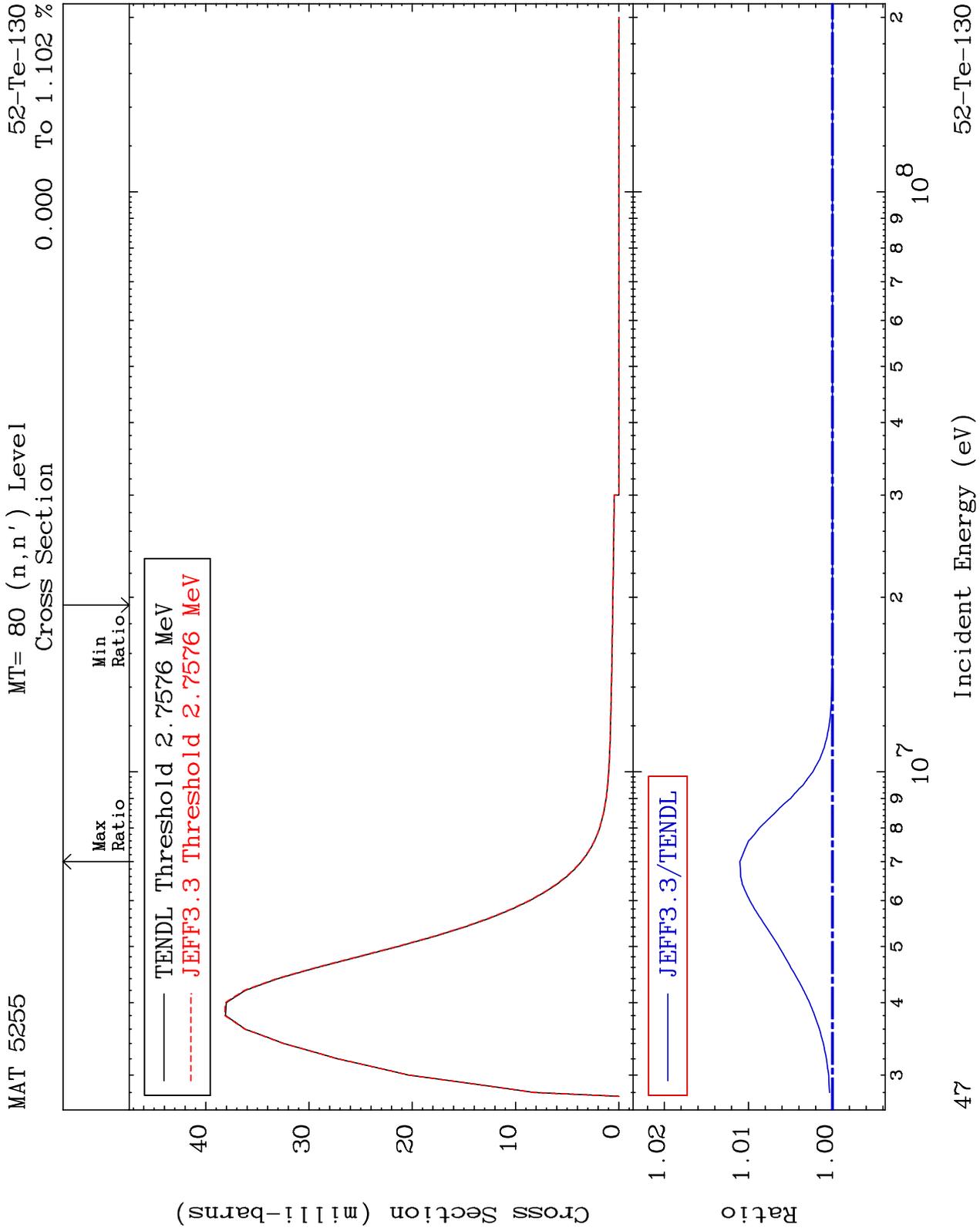
52-Te-130  
To 1.144 %







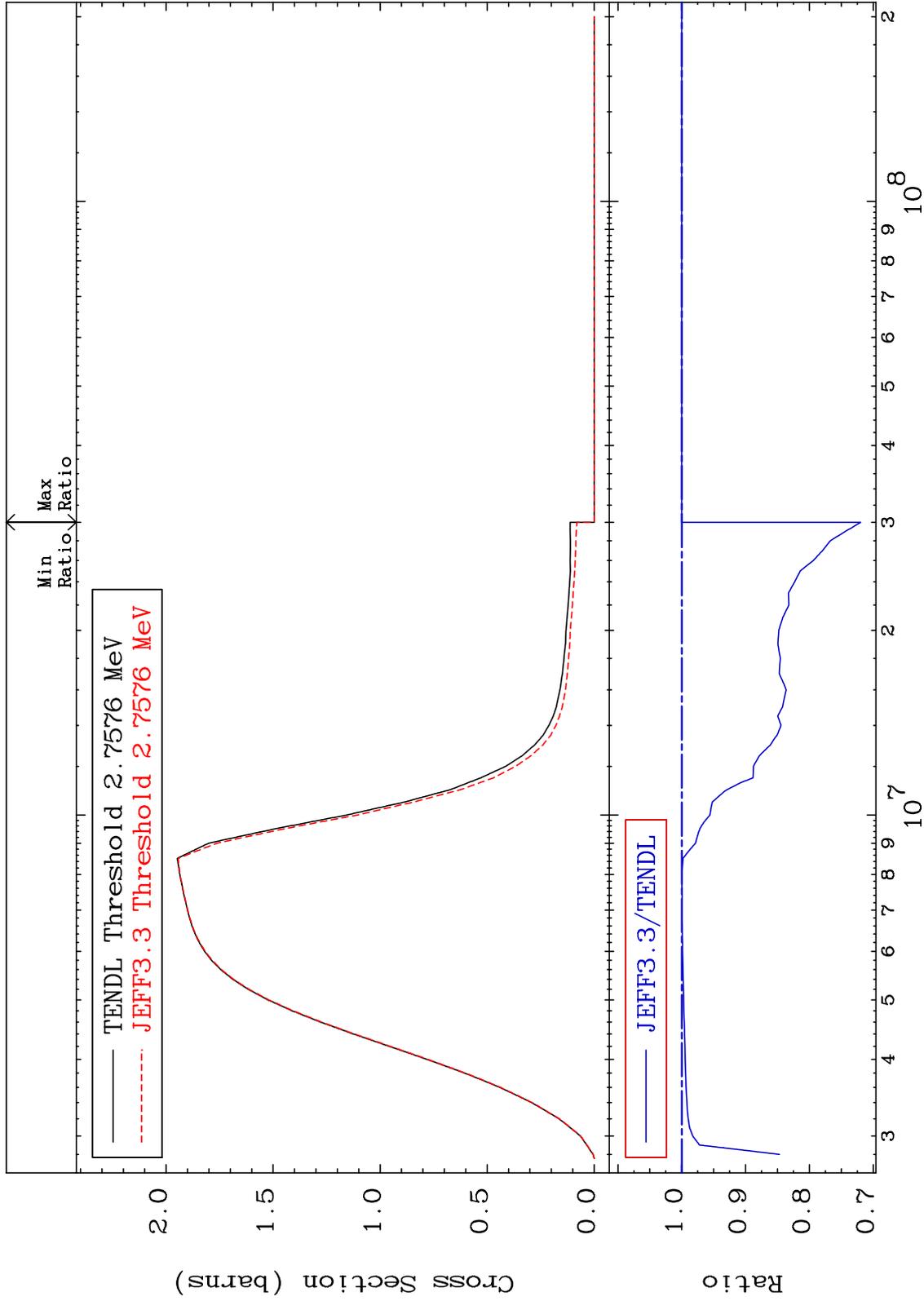




MAT 5255

(n, n') Continuum  
Cross Section

52-Te-130  
-28.04 To 0.000 %



48

Incident Energy (eV)

52-Te-130

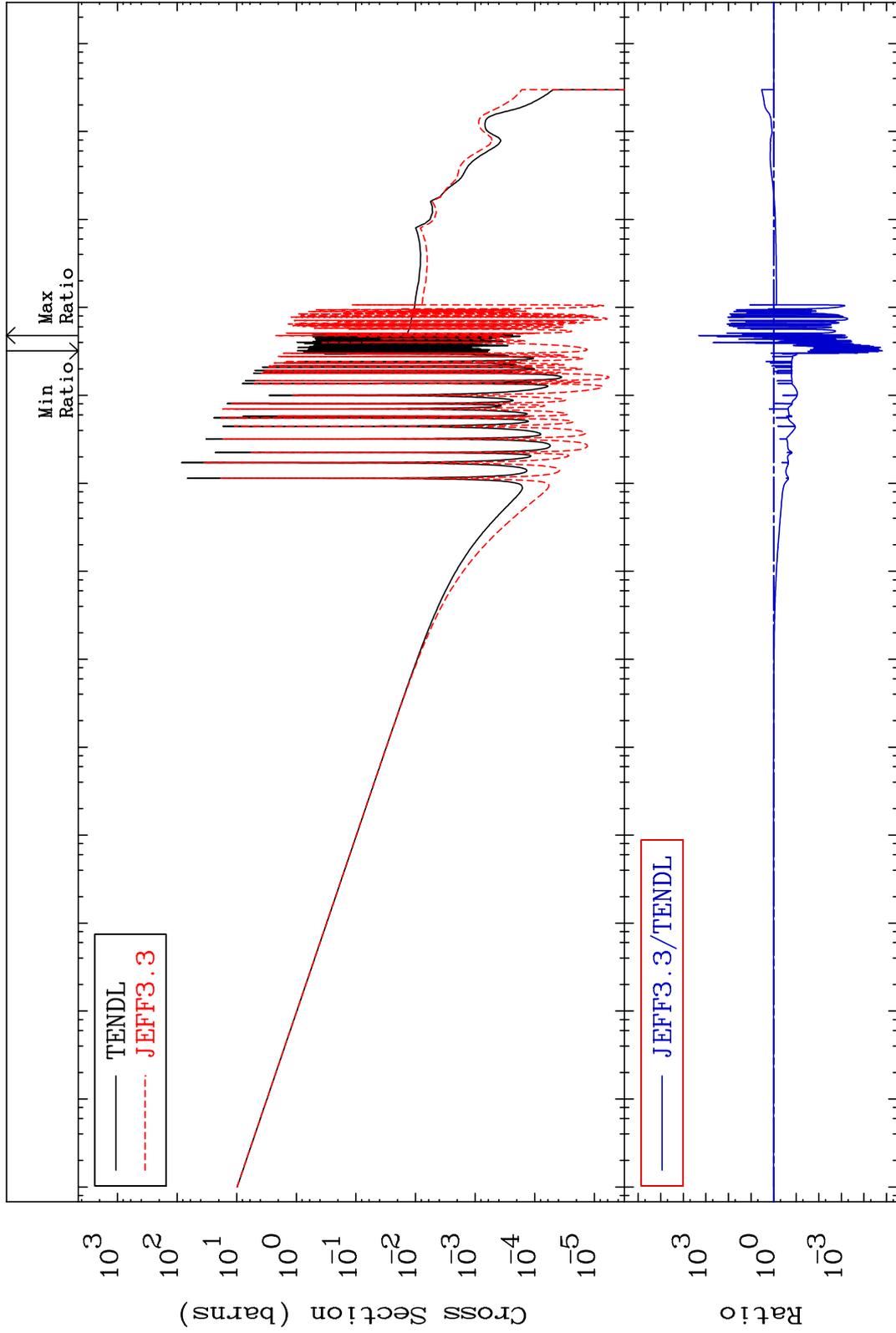
MAT 5255

(n,  $\gamma$ )

52-Te-130

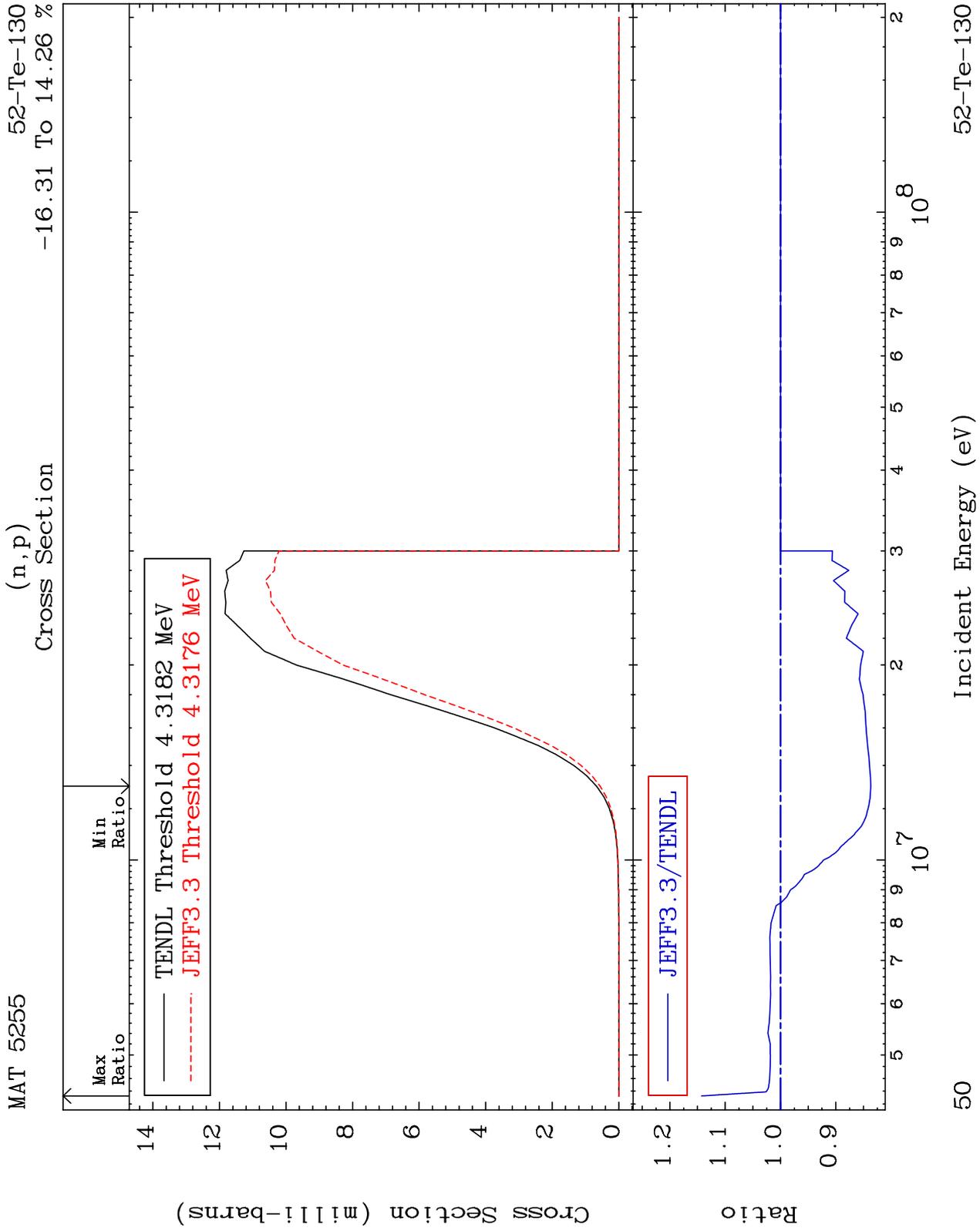
Cross Section

-100.0 To 9999. %



Incident Energy (eV)

52-Te-130



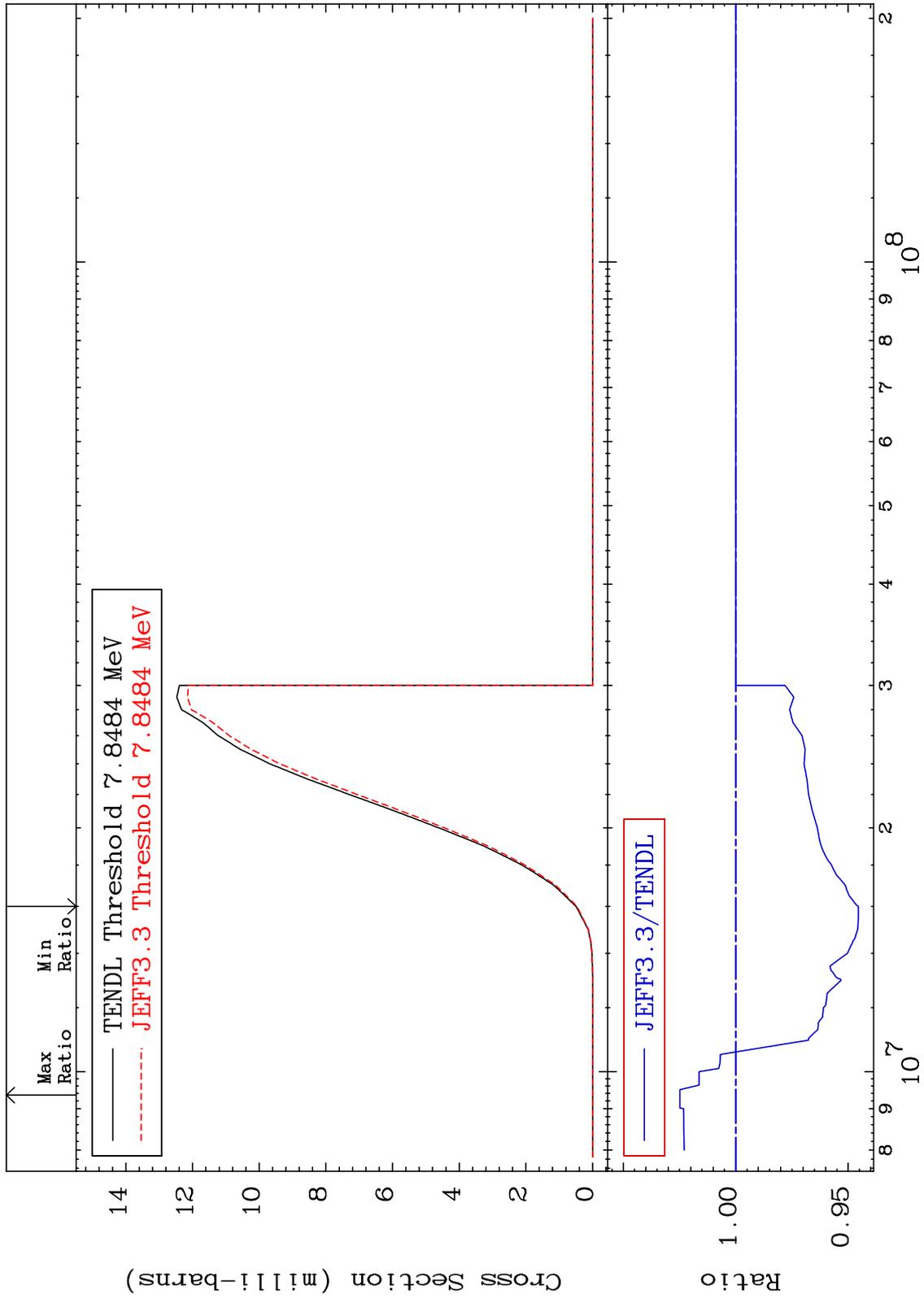
MAT 5255

(n, d)

52-Te-130

Cross Section

-5.455 To 2.481 %



51

Incident Energy (eV)

52-Te-130

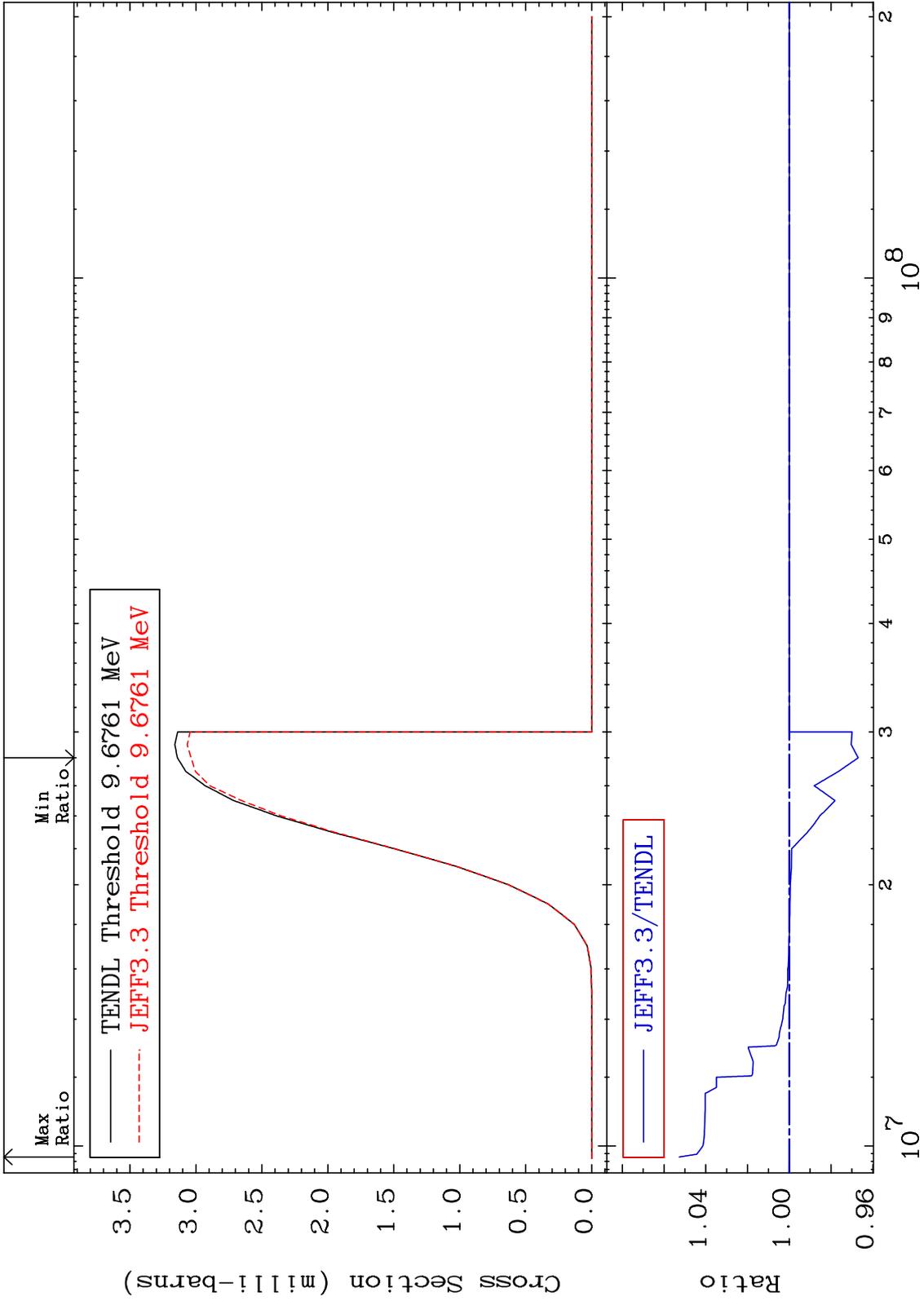
MAT 5255

(n, t)

52-Te-130

Cross Section

-3.305 To 5.270 %



52

Incident Energy (eV)

52-Te-130

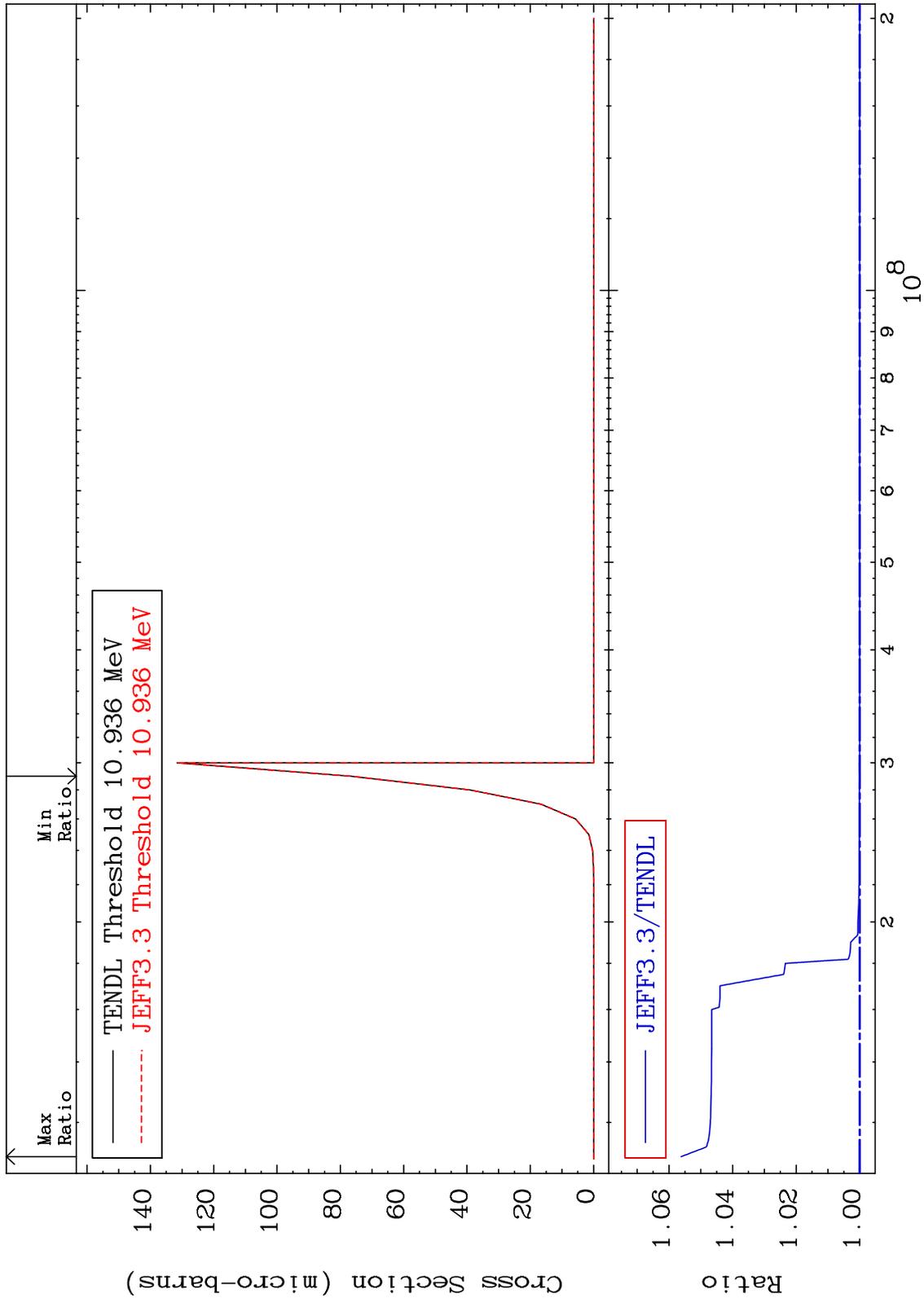
MAT 5255

(n, He-3)

52-Te-130

Cross Section

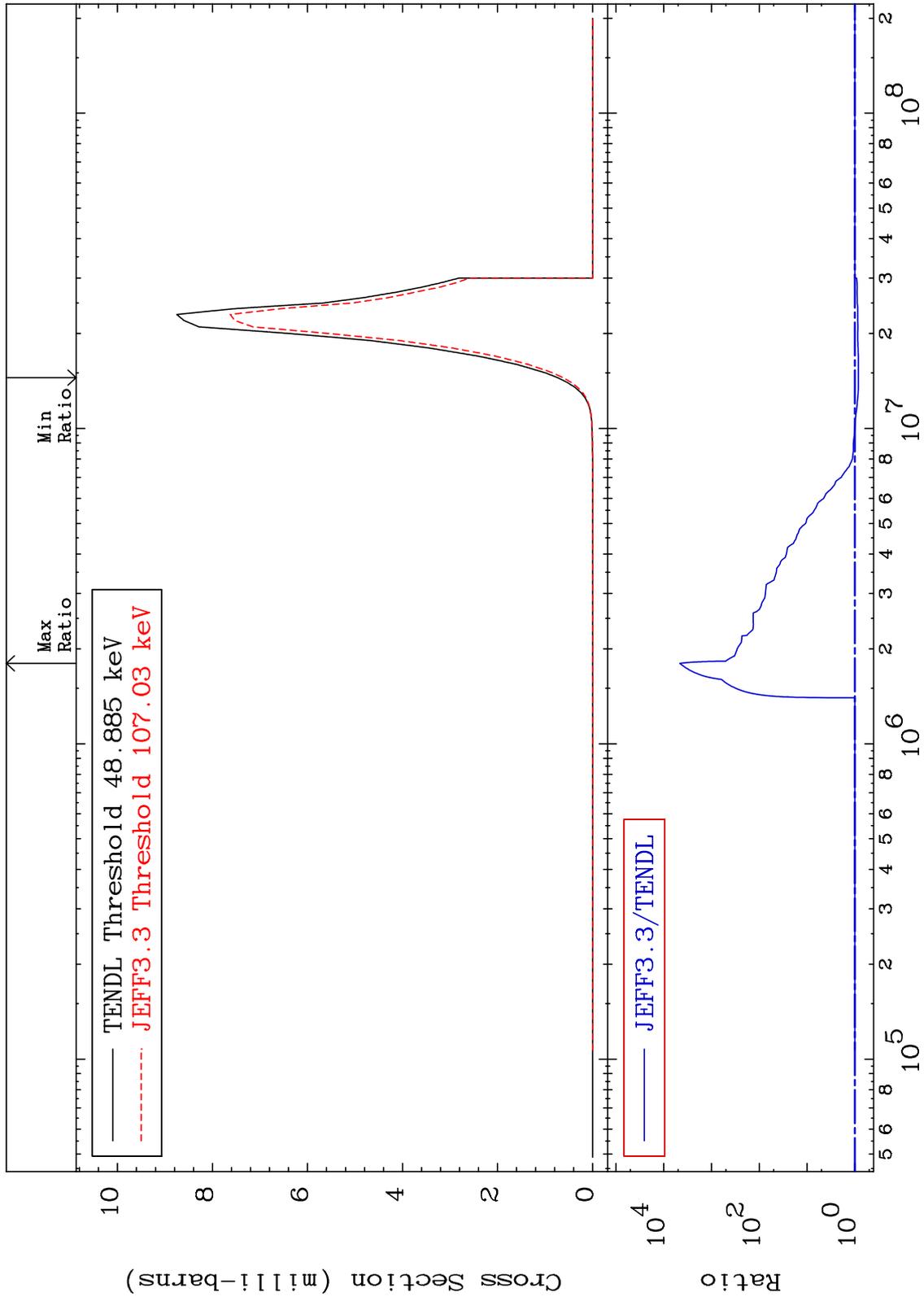
-0.005 To 5.619 %



MAT 5255

(n,  $\alpha$ )  
Cross Section

52-Te-130  
-15.61 To 9999. %



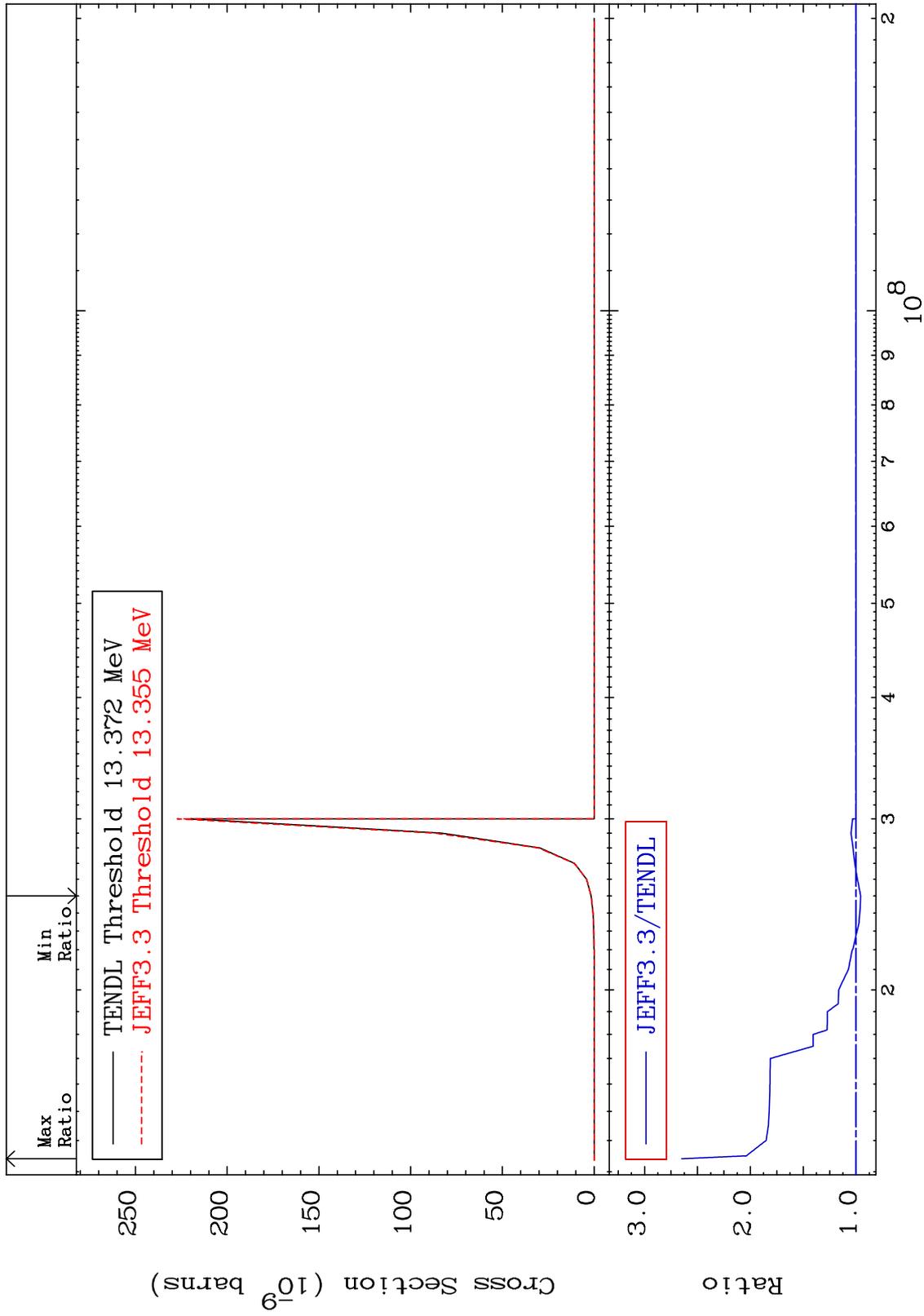
MAT 5255

(n,2p)

52-Te-130

Cross Section

-4.311 To 164.9 %



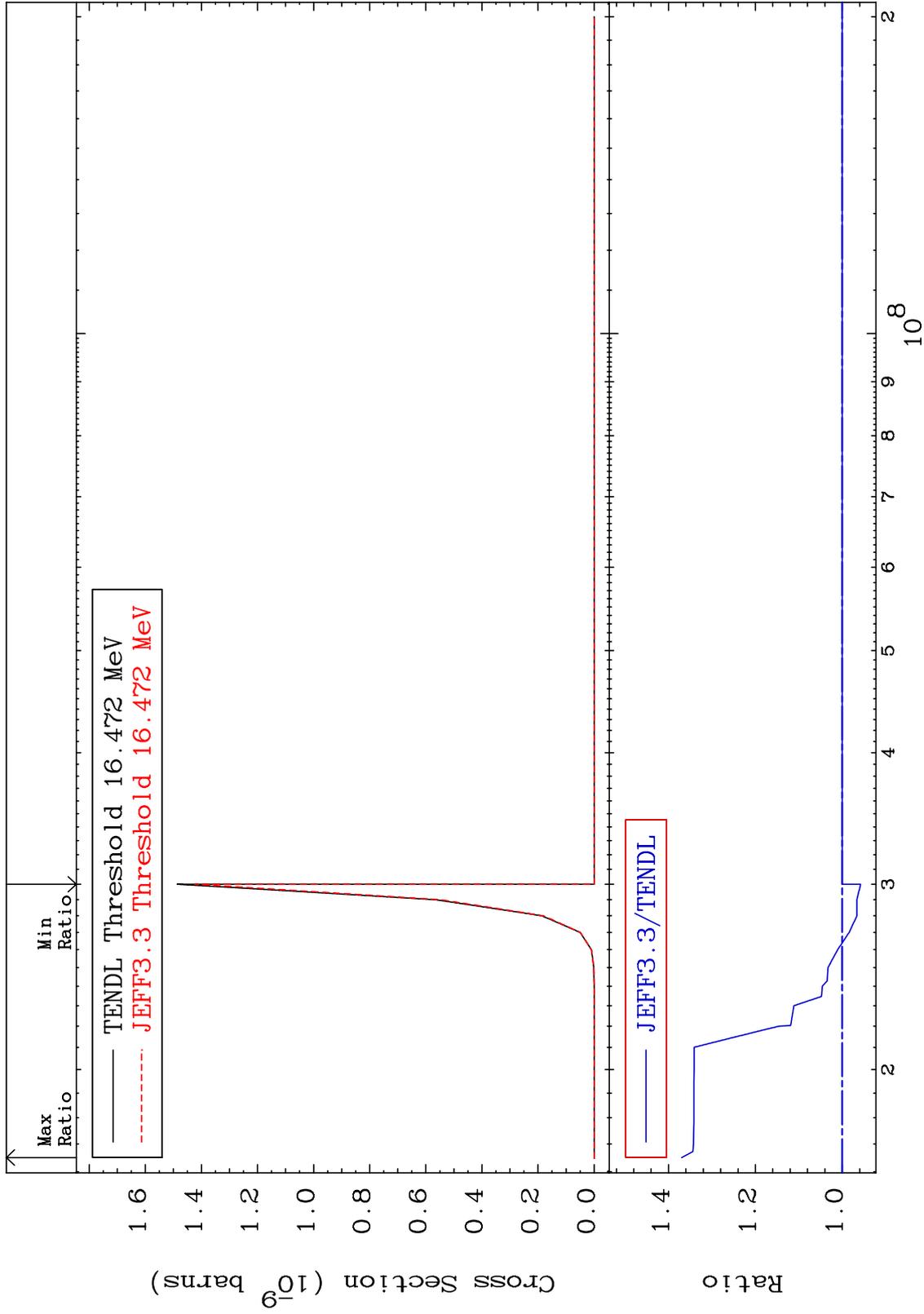
MAT 5255

(n,p) d

52-Te-130

Cross Section

-4.237 To 36.95 %



56

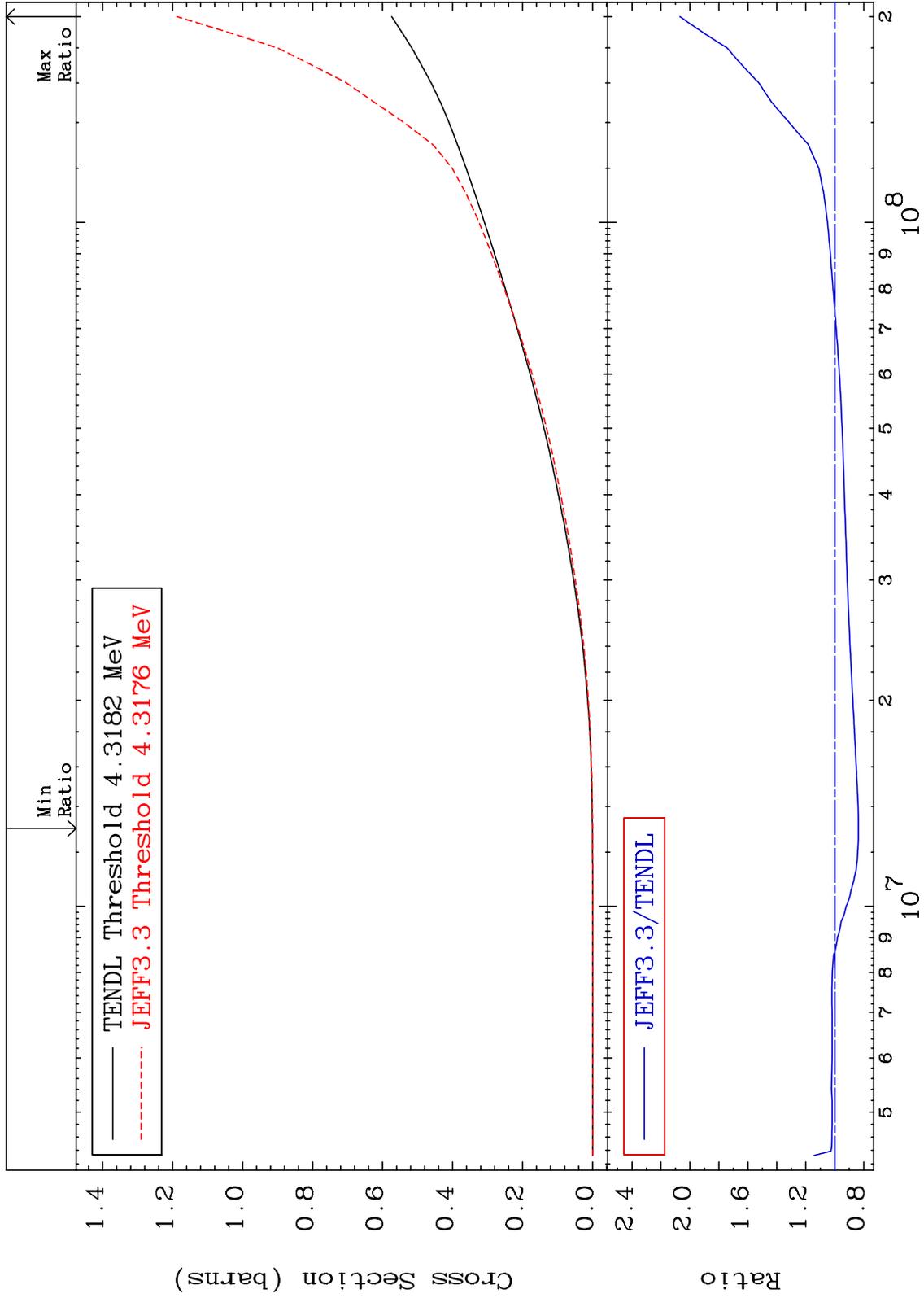
Incident Energy (eV)

52-Te-130

MAT 5255

Hydrogen Production  
Cross Section

52-Te-130  
-16.30 To 106.9 %



57

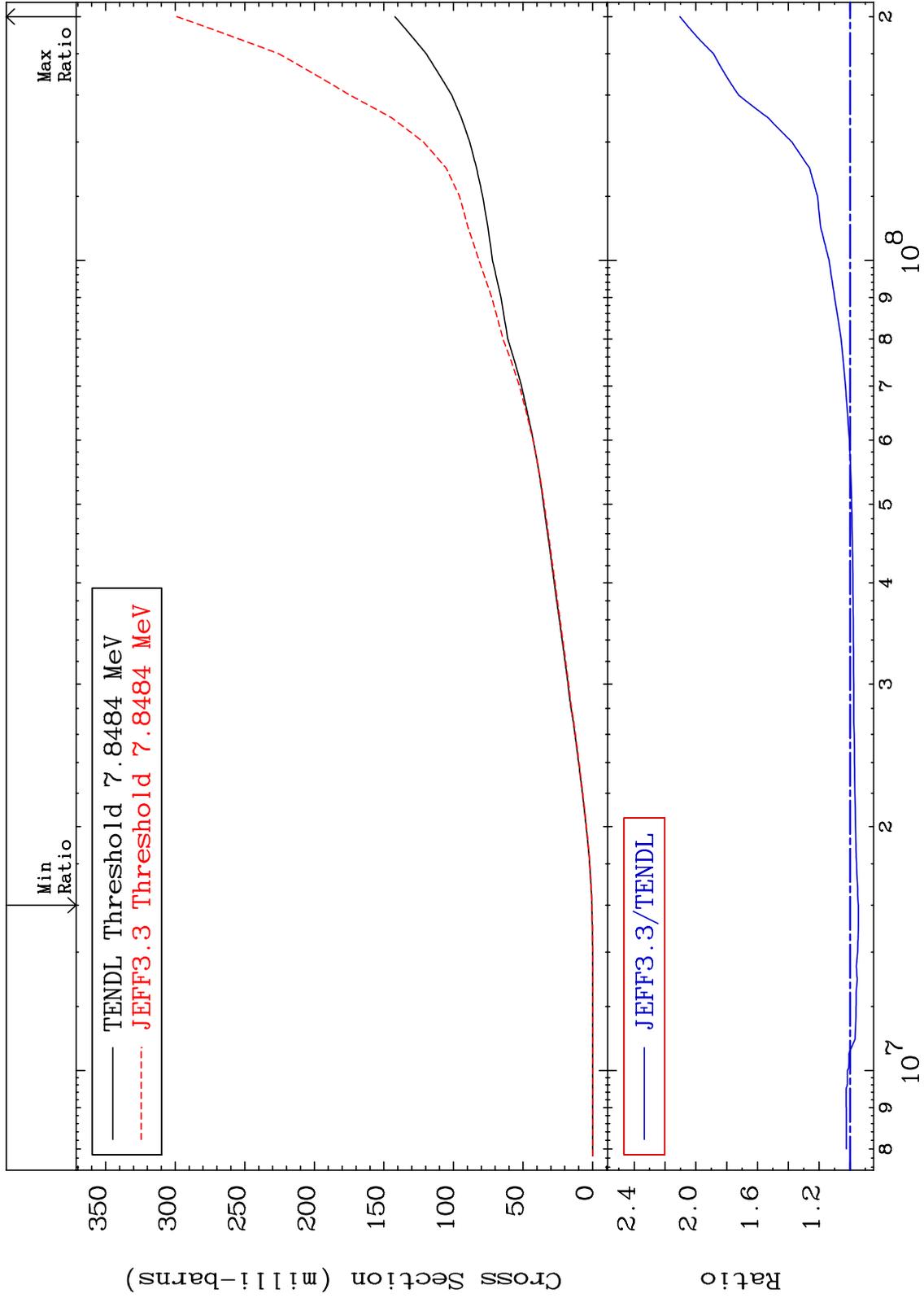
Incident Energy (eV)

52-Te-130

MAT 5255

Deuterium Production  
Cross Section

52-Te-130  
-5.455 To 110.3 %



58

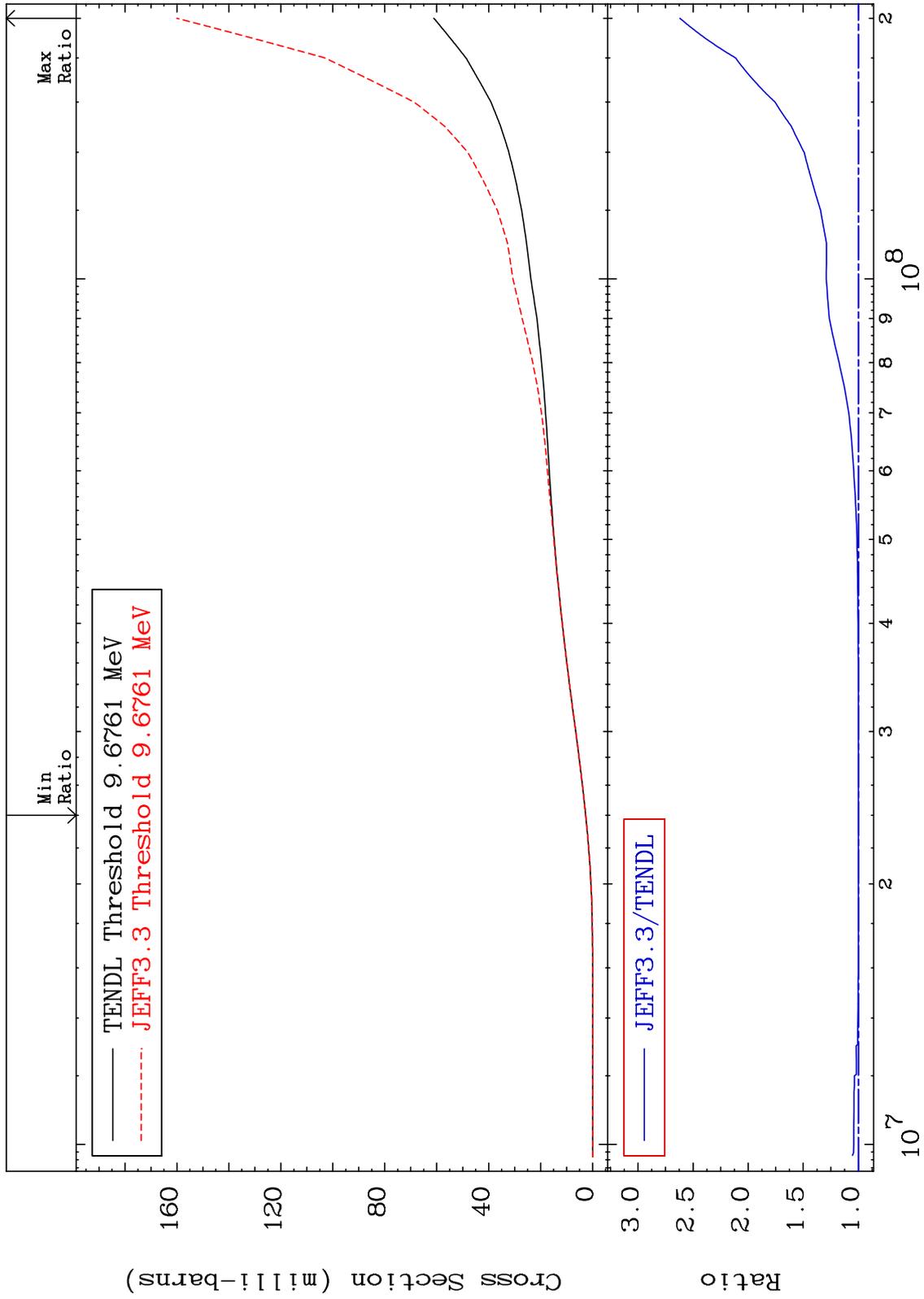
Incident Energy (eV)

52-Te-130

MAT 5255

Tritium Production  
Cross Section

52-Te-130  
-0.067 To 161.9 %



59

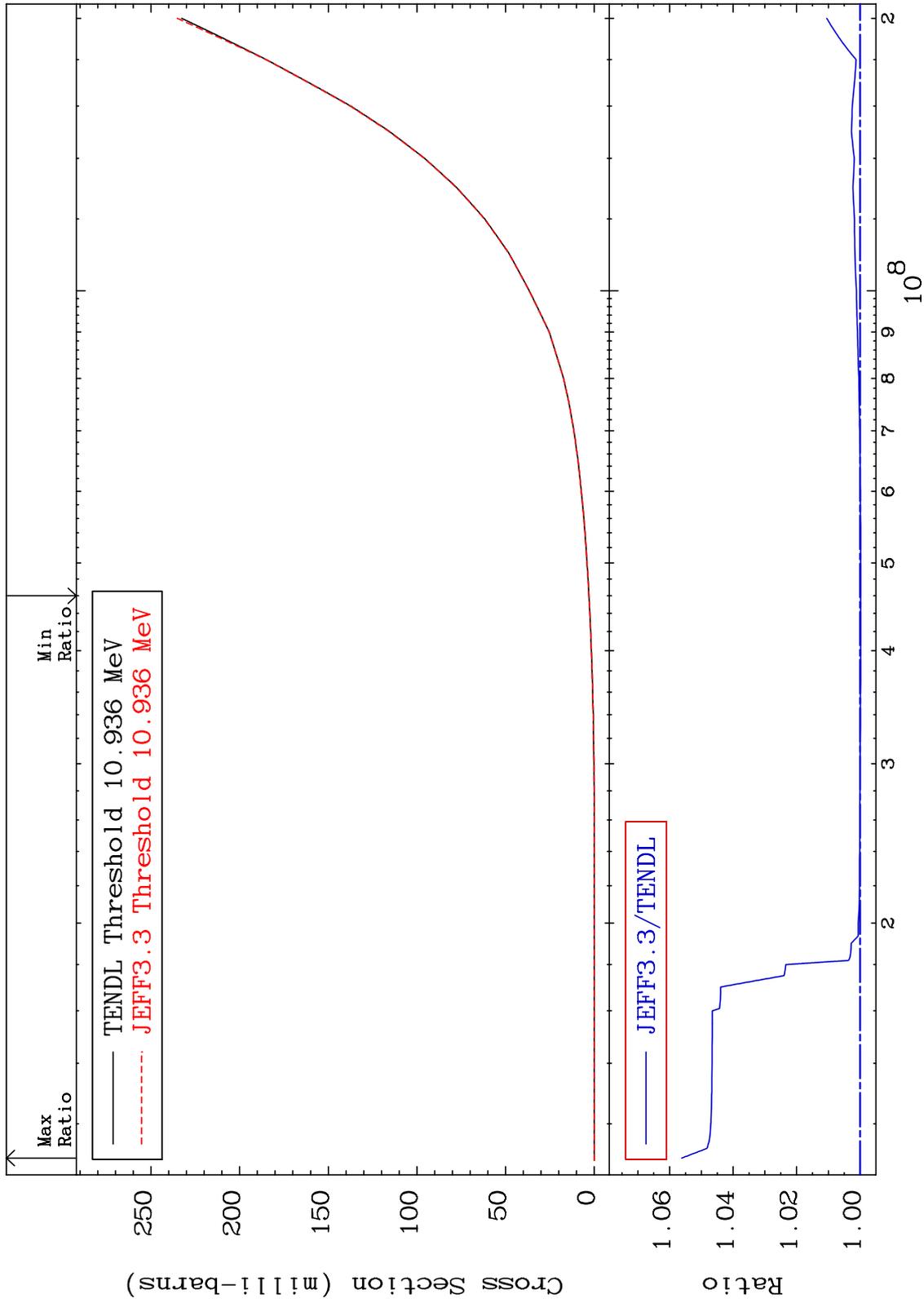
Incident Energy (eV)

52-Te-130

MAT 5255

He-3 Production  
Cross Section

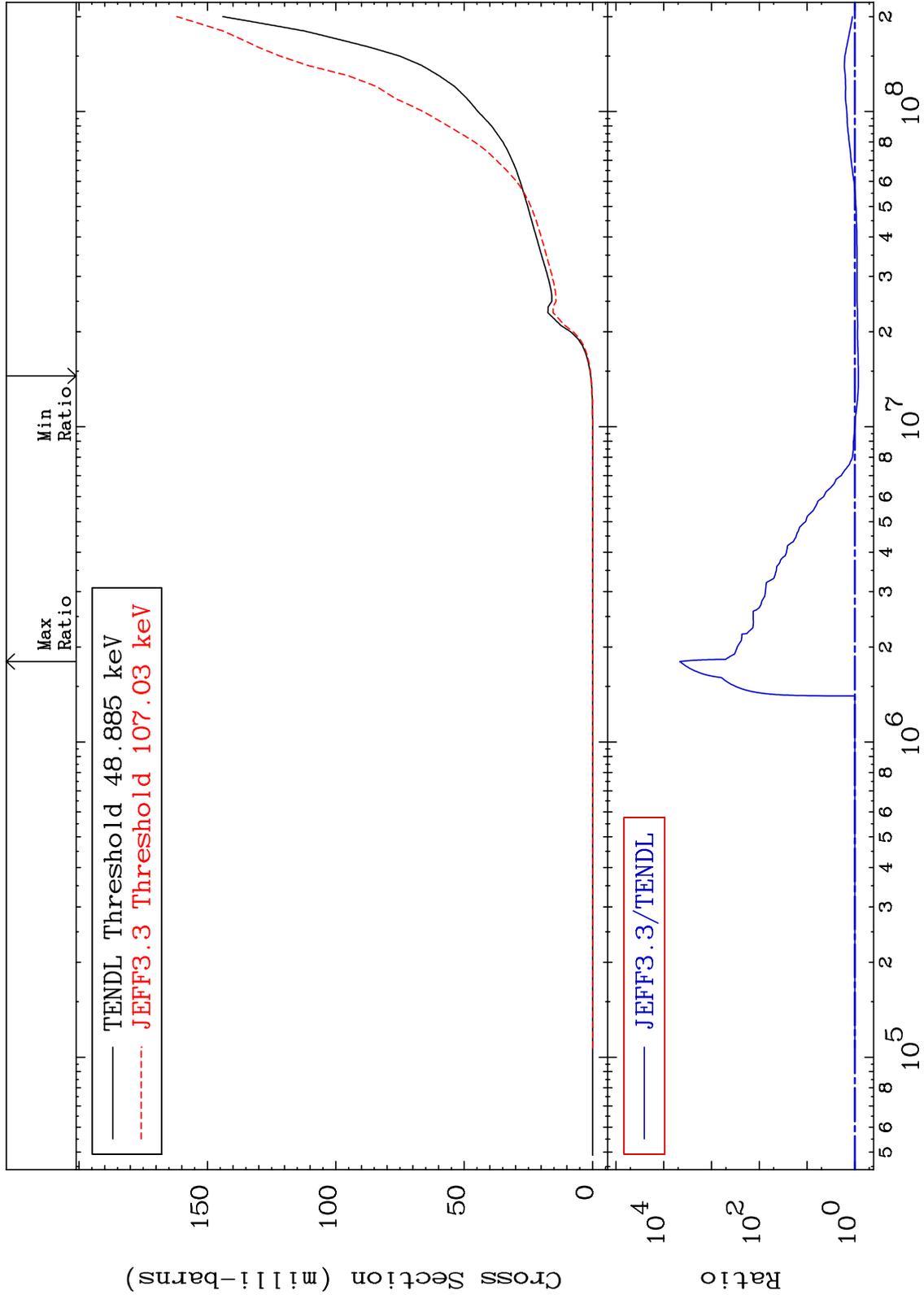
52-Te-130  
-0.018 To 5.619 %



MAT 5255

He-4 Production  
Cross Section

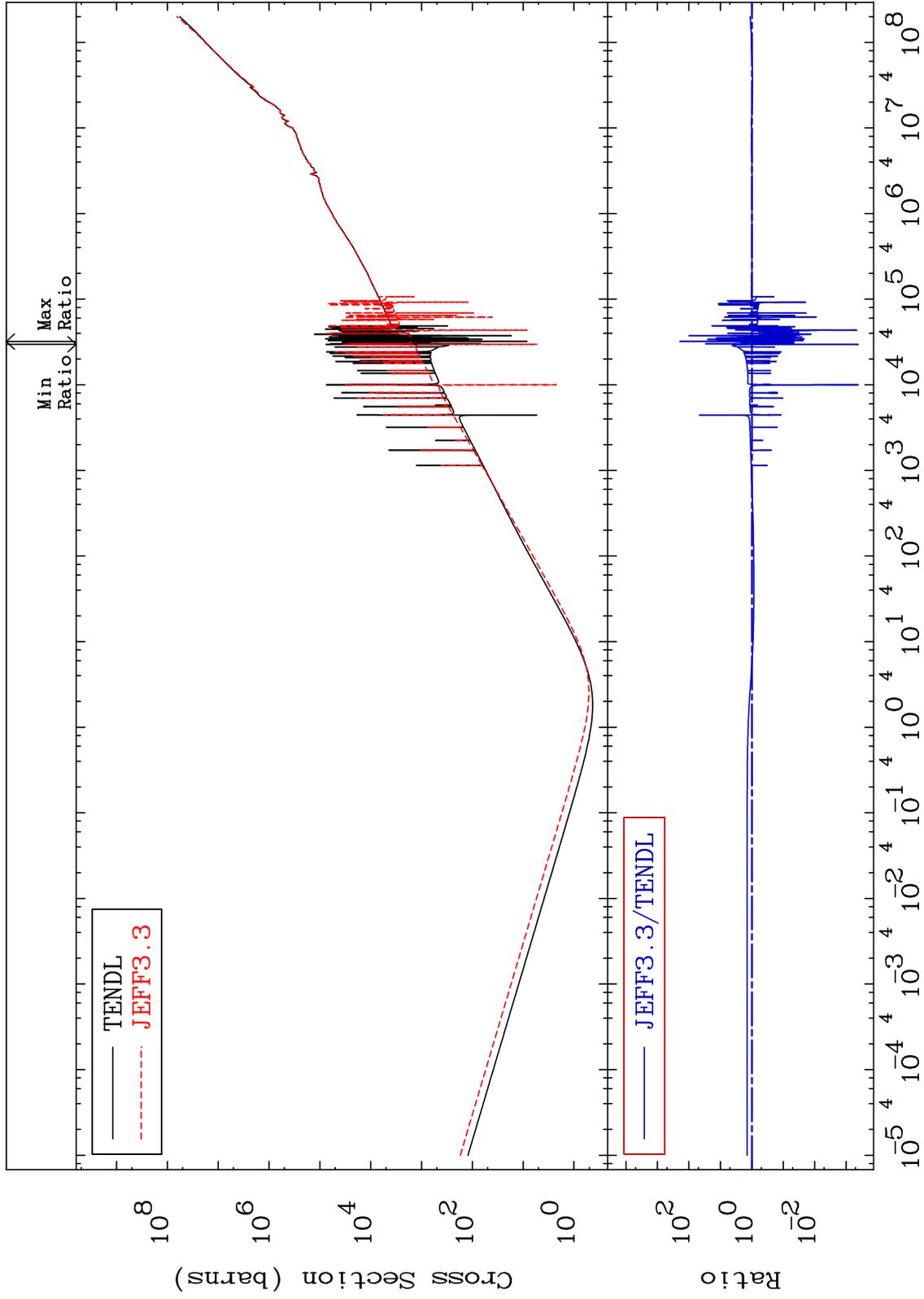
52-Te-130  
-15.44 To 9999. %



MAT 5255

Kerma total (eV-barns)  
Cross Section

52-Te-130  
-99.96 To 9999. %



62

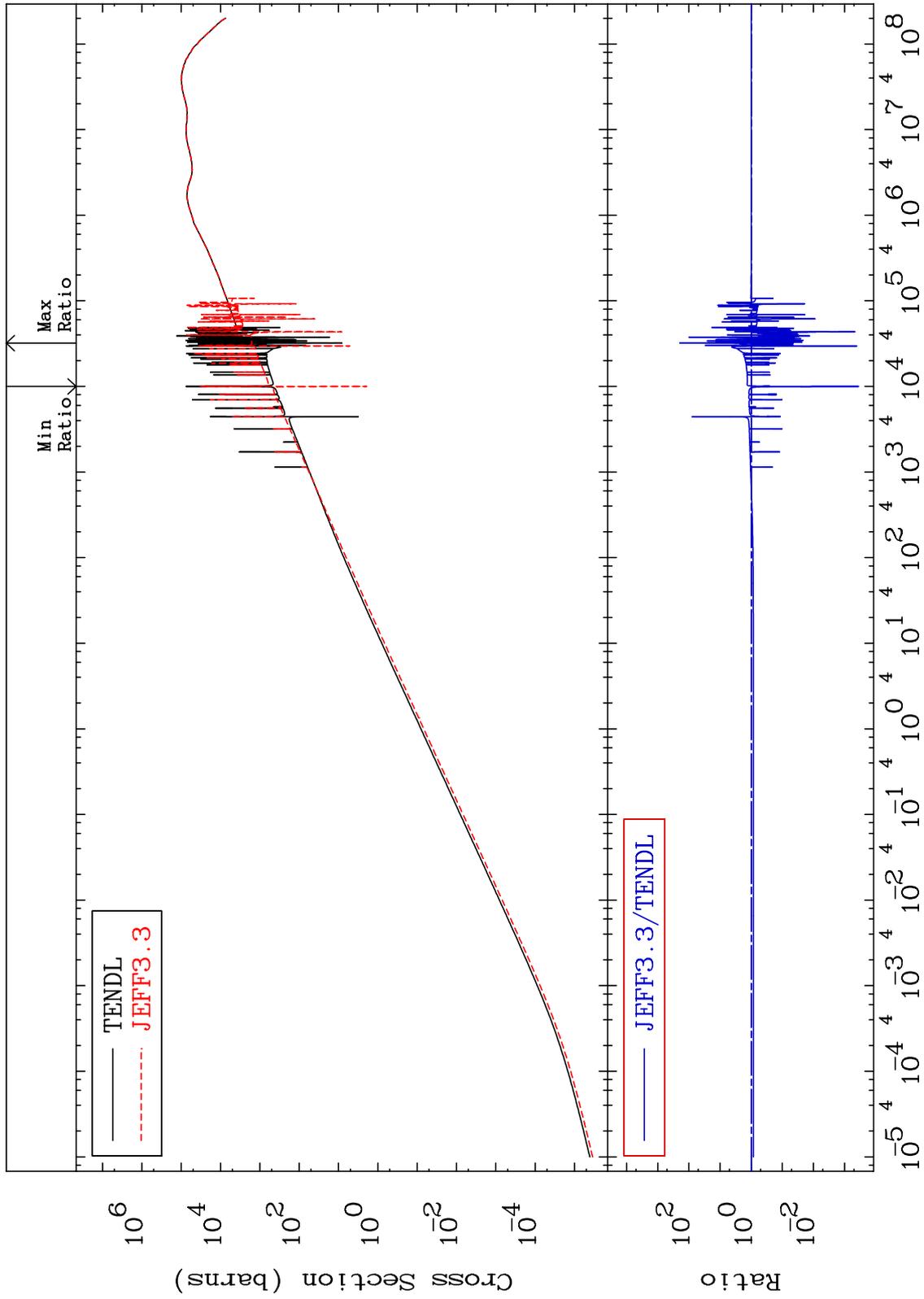
Incident Energy (eV)

52-Te-130

MAT 5255

Kerma elastic  
Cross Section

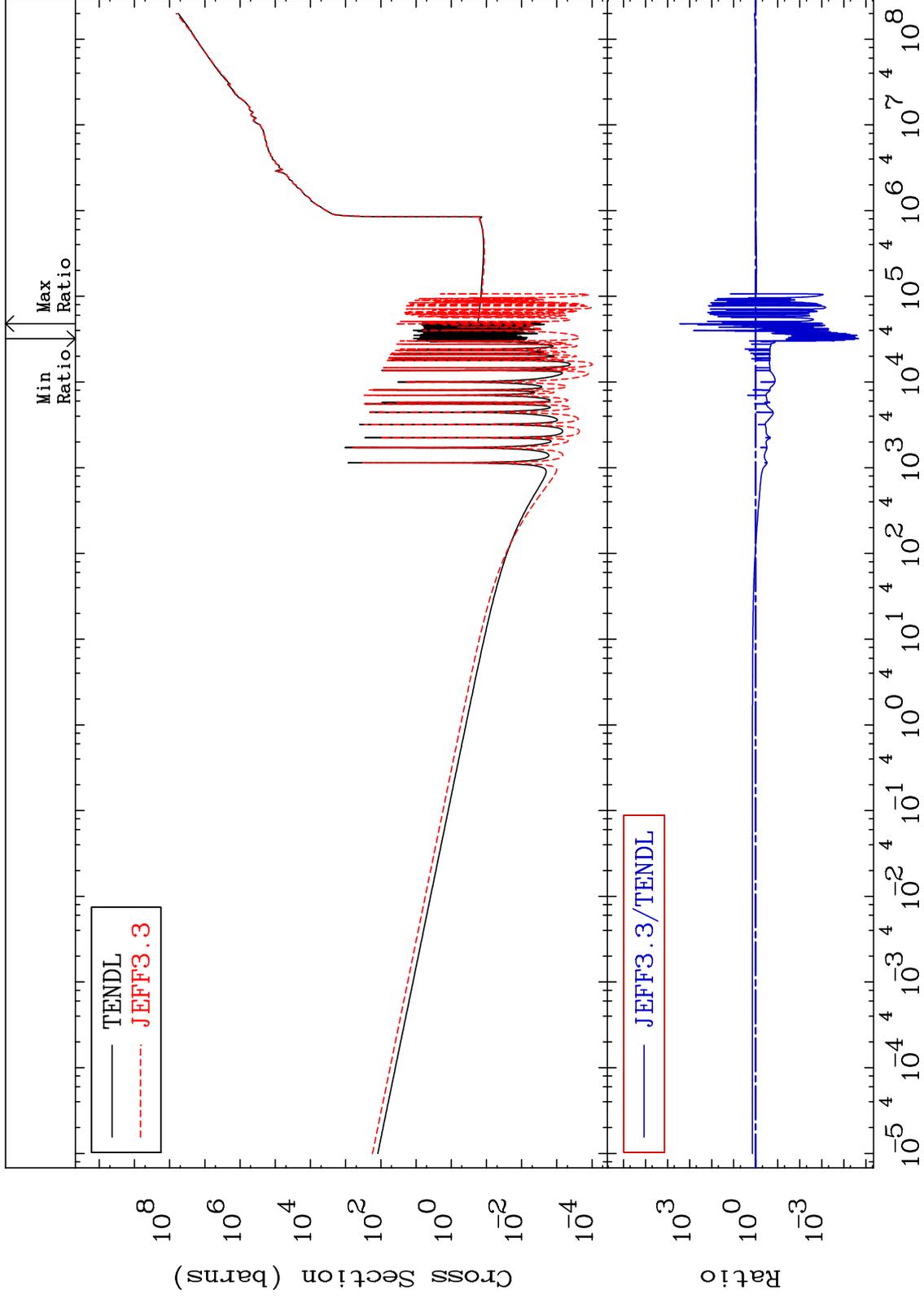
52-Te-130  
-99.96 To 9999. %



MAT 5255

Kerma non-elastic (all but mt2)  
Cross Section

52-Te-130  
-100.0 To 9999. %



64

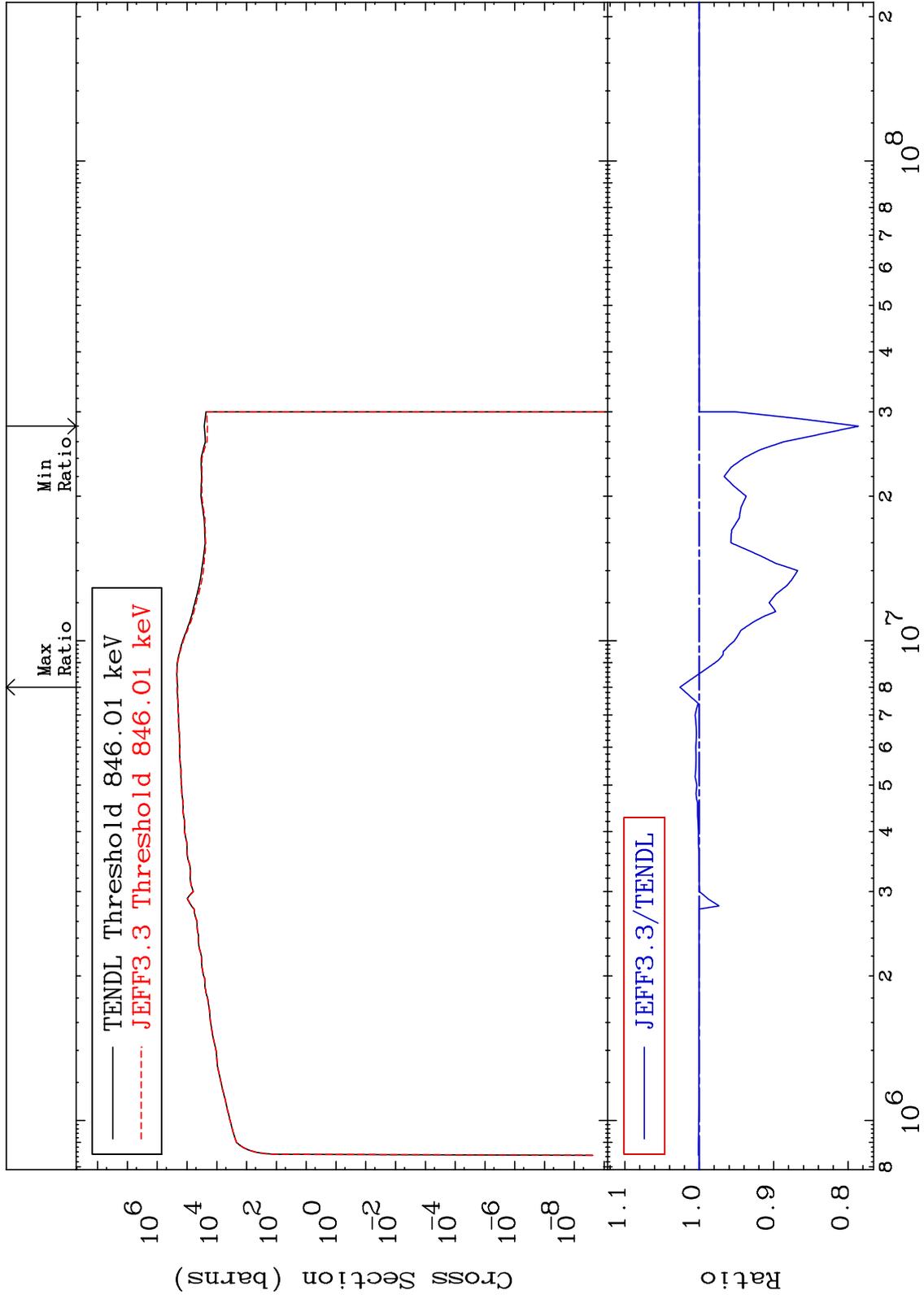
Incident Energy (eV)

52-Te-130

MAT 5255

Kerma inelastic (mt51-91)  
Cross Section

52-Te-130  
-21.38 To 2.604 %



65

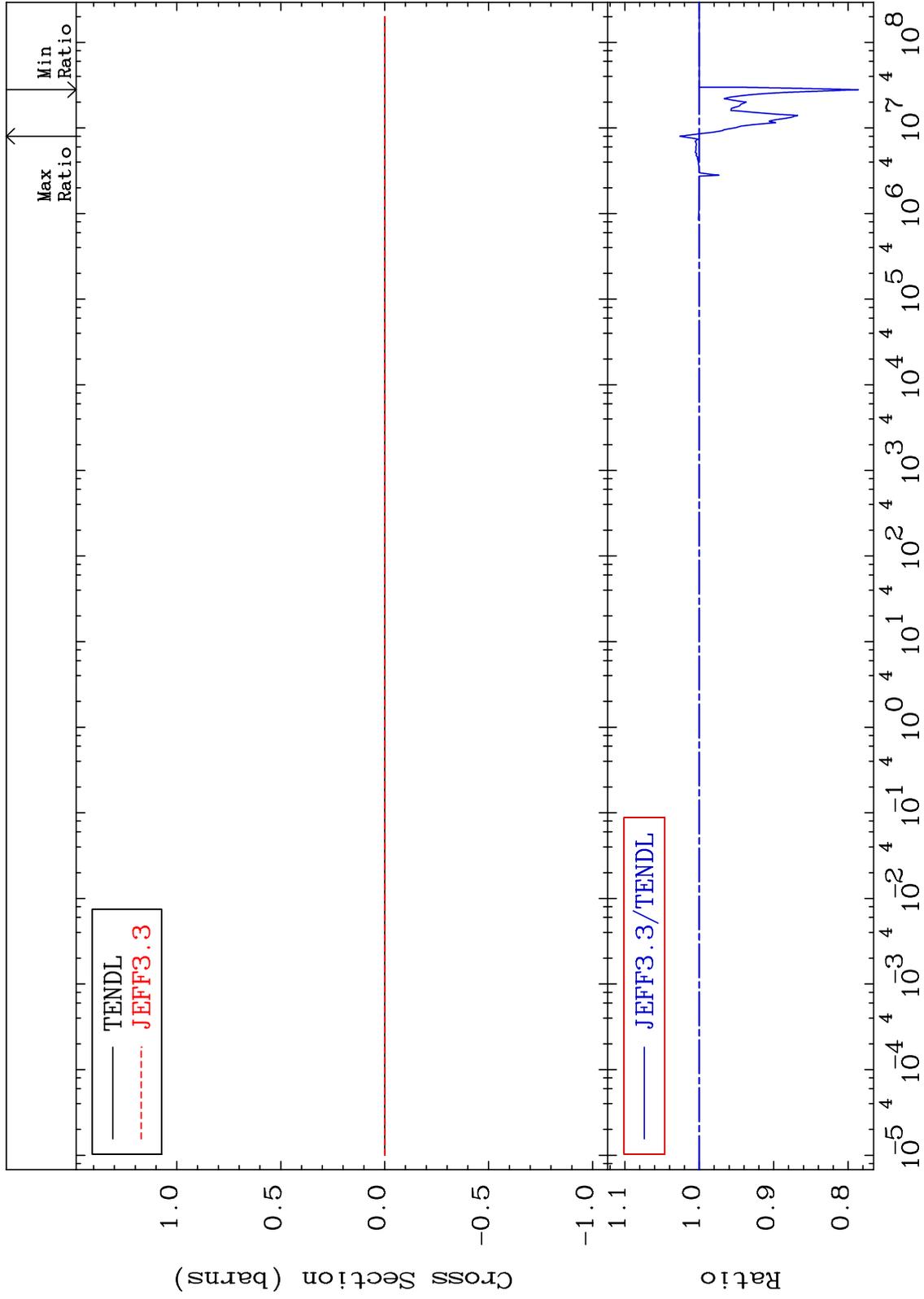
Incident Energy (eV)

52-Te-130

MAT 5255

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

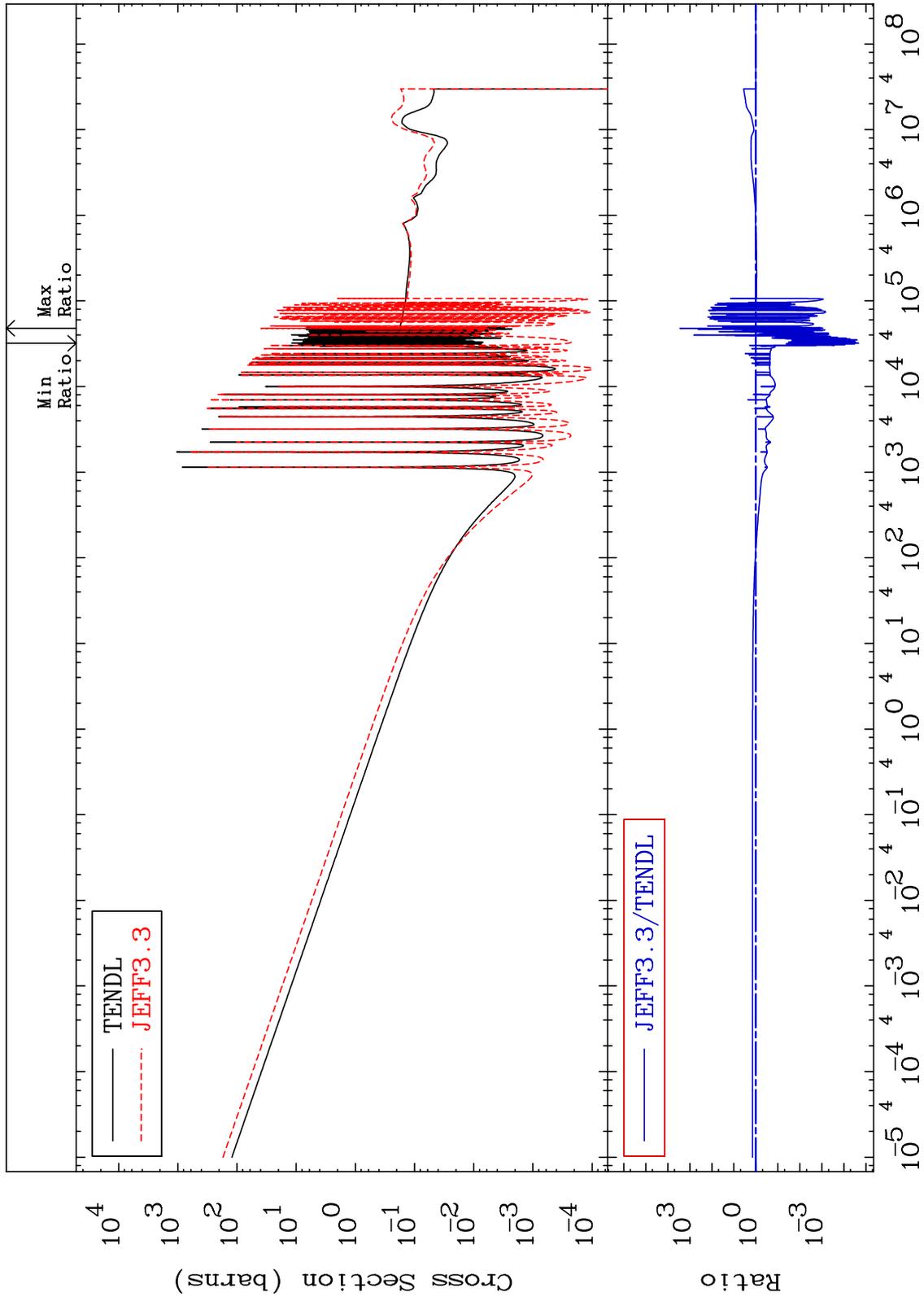
52-Te-130  
-21.38 To 2.604 %



MAT 5255

Kerma capture (mt102)  
Cross Section

52-Te-130  
-100.0 To 9999. %



67

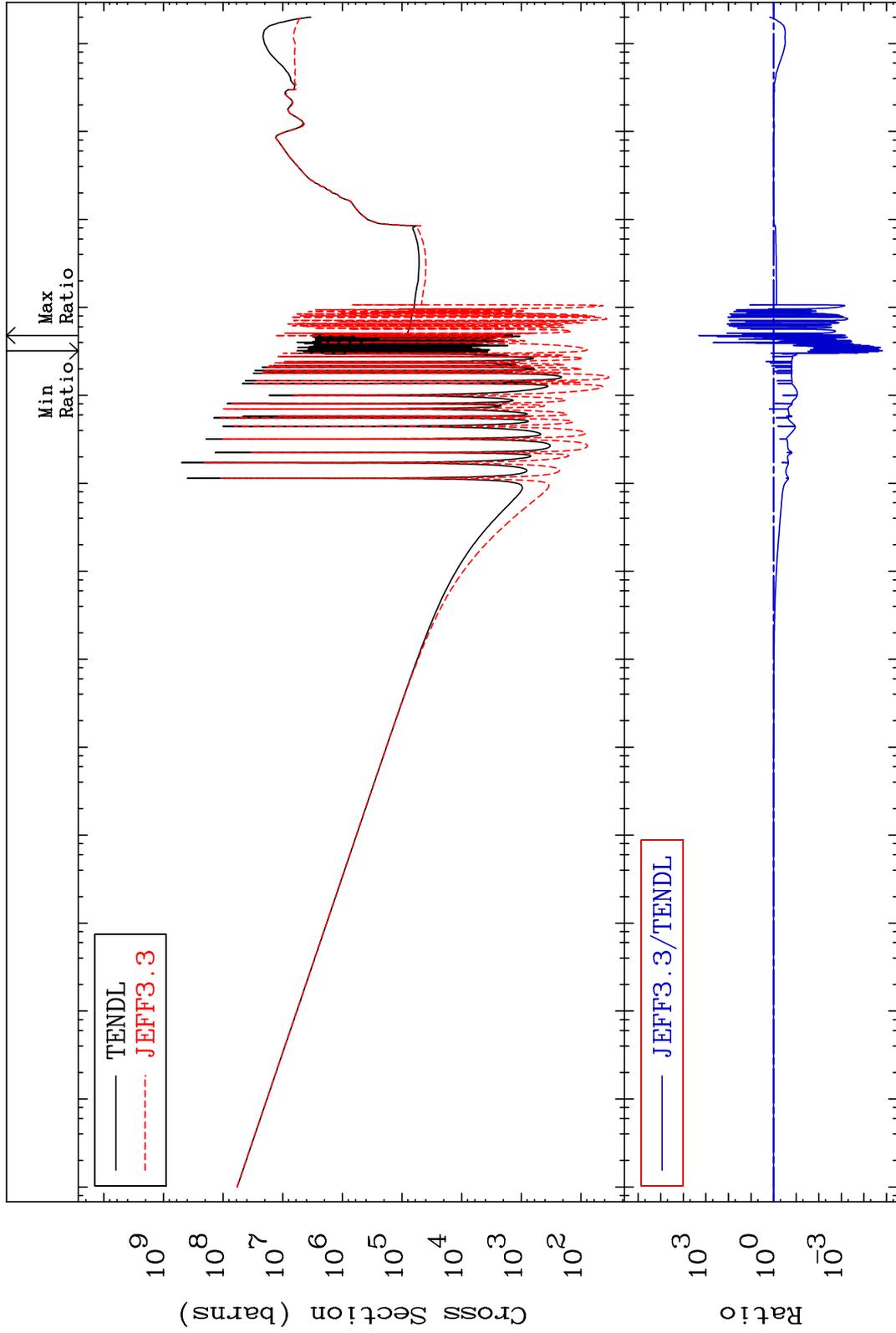
Incident Energy (eV)

52-Te-130

MAT 5255

Total photon (eV-barns)  
Cross Section

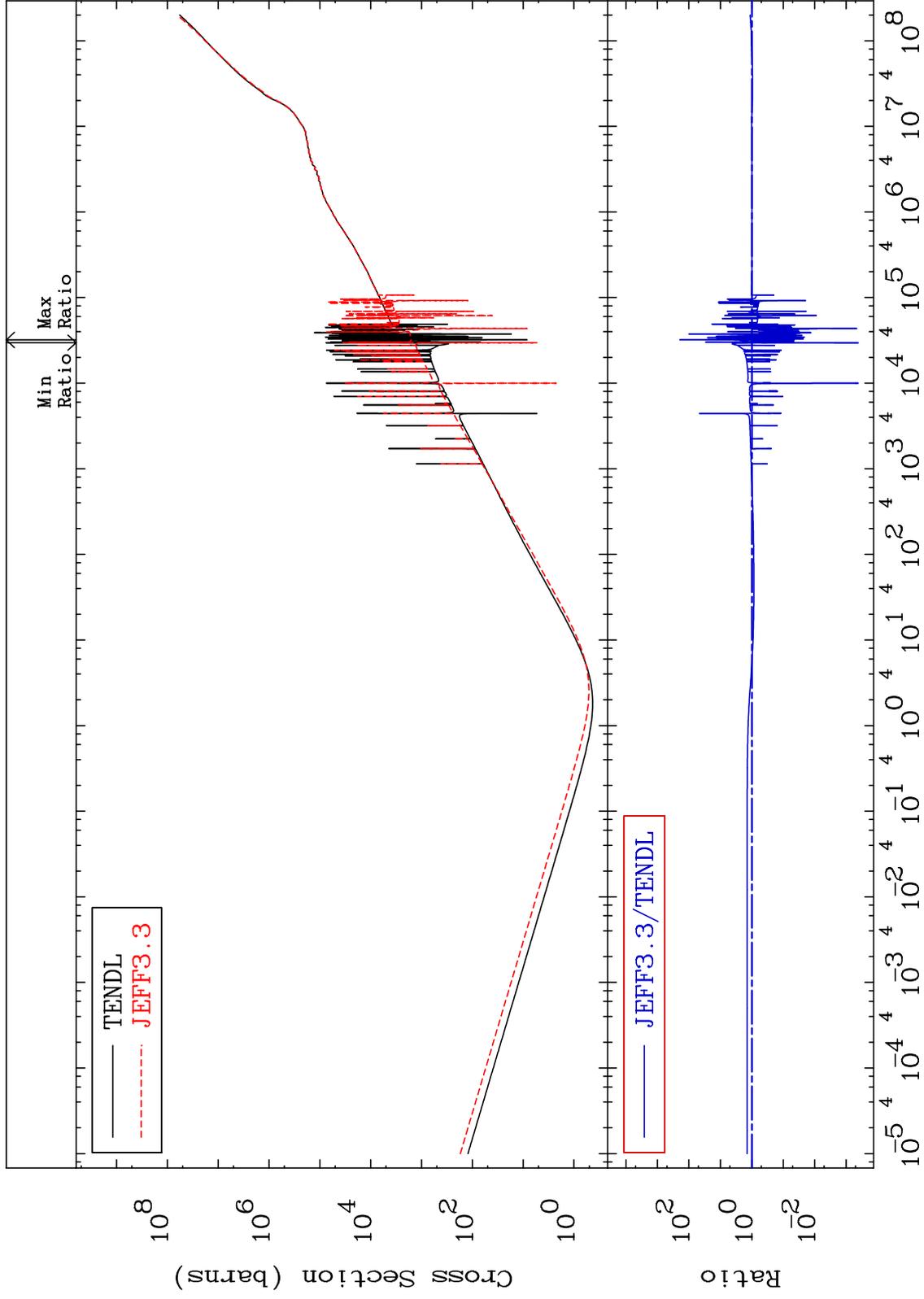
52-Te-130  
-100.0 To 9999. %



MAT 5255

Total kinematic kerma (high limit)  
Cross Section

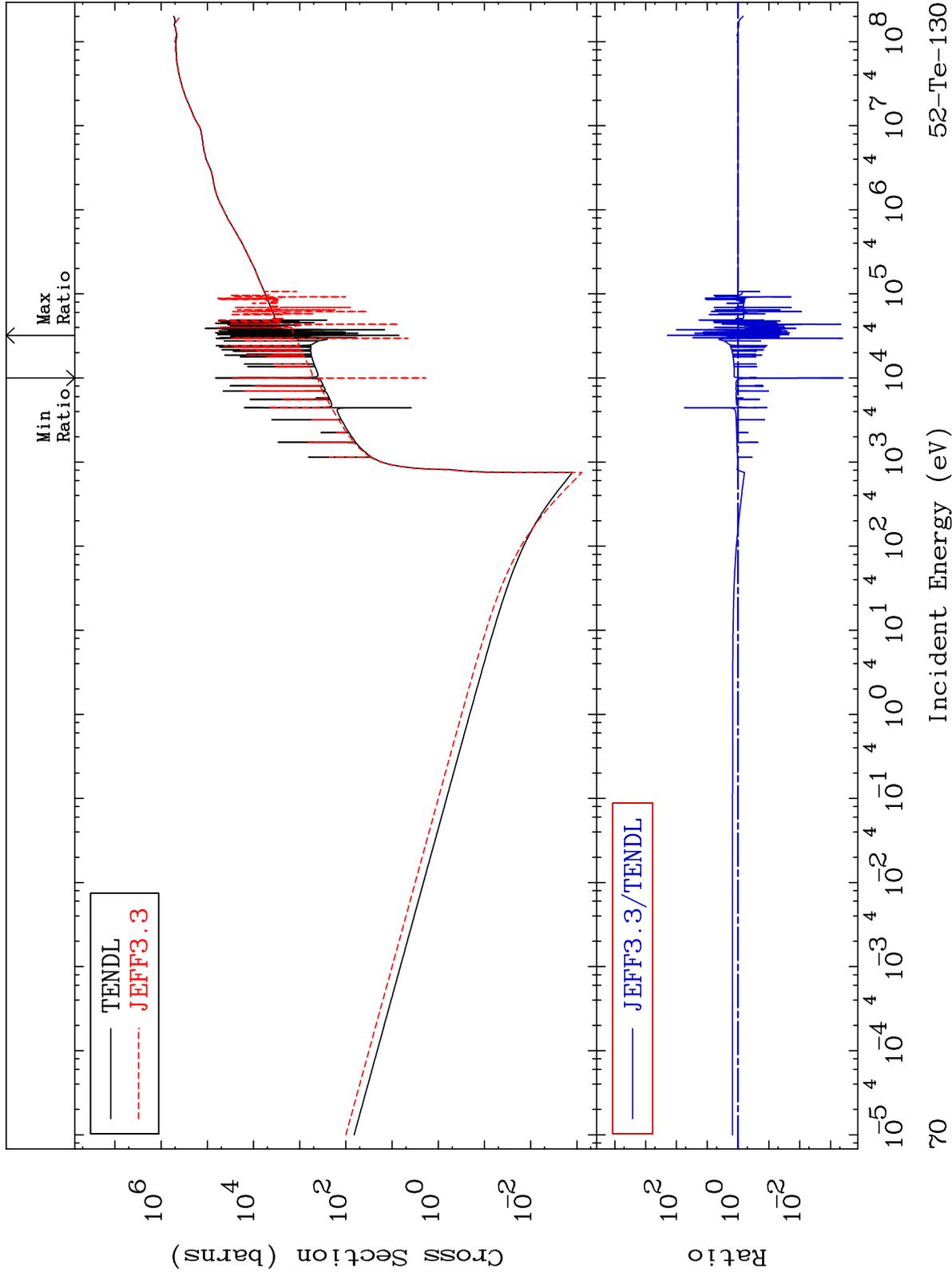
52-Te-130  
-99.96 To 9999. %



MAT 5255

Dpa total (eV-barns)  
Cross Section

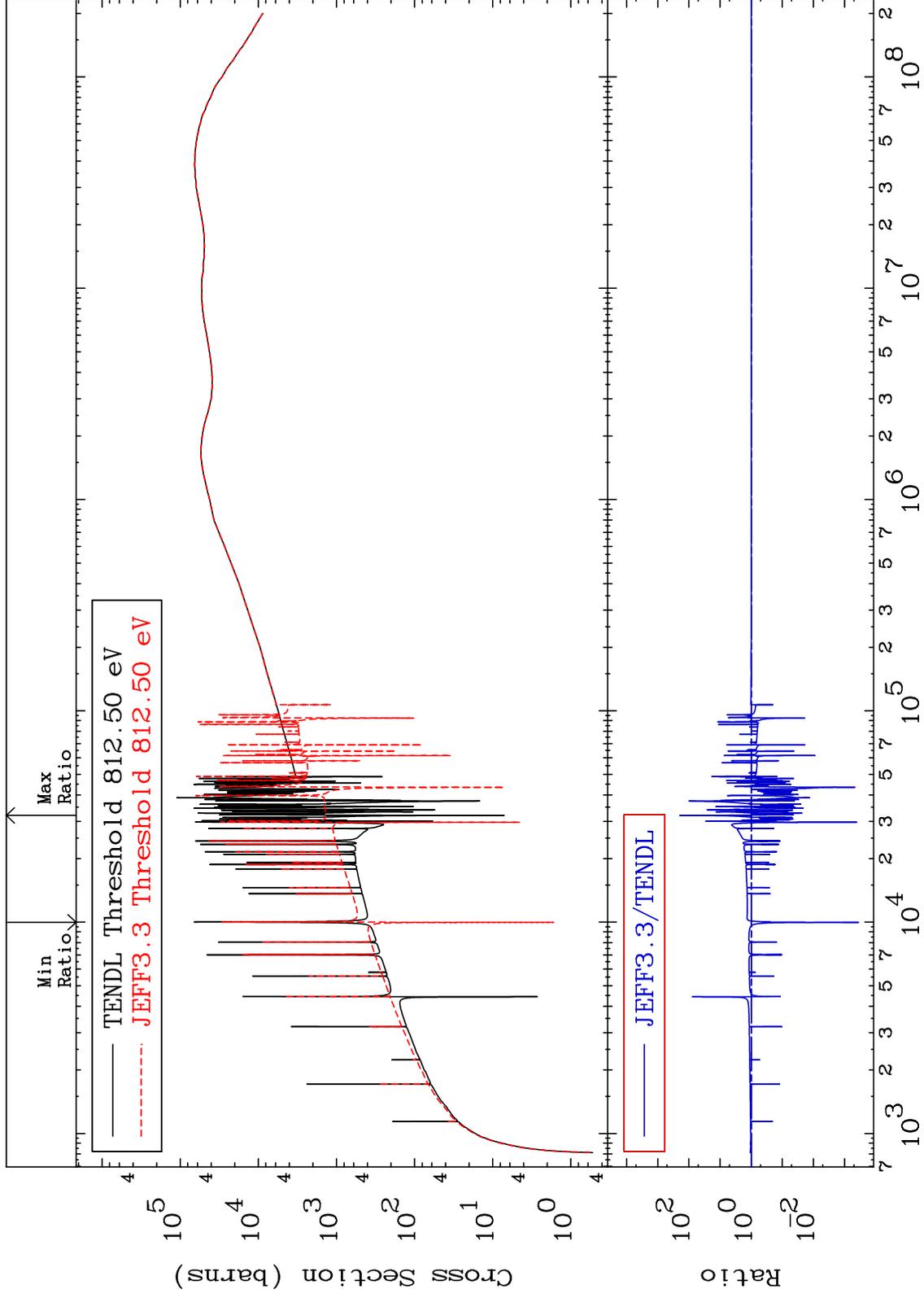
52-Te-130  
-99.96 To 9999. %



MAT 5255

Dpa elastic (mt2)  
Cross Section

52-Te-130  
-99.96 To 9999. %



71

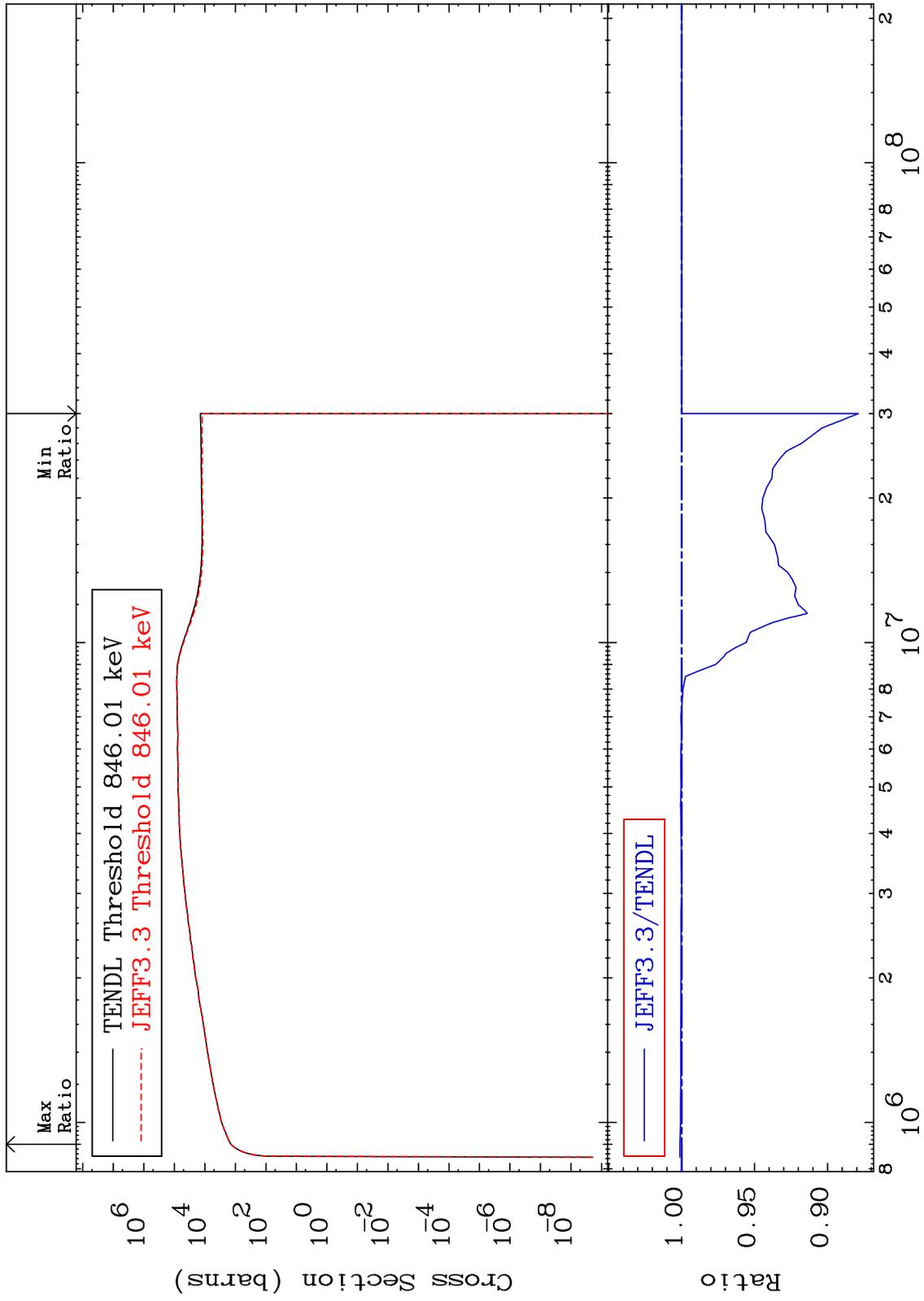
Incident Energy (eV)

52-Te-130

MAT 5255

Dpa inelastic (mt51-91)  
Cross Section

52-Te-130  
-12.11 To 0.116 %



72

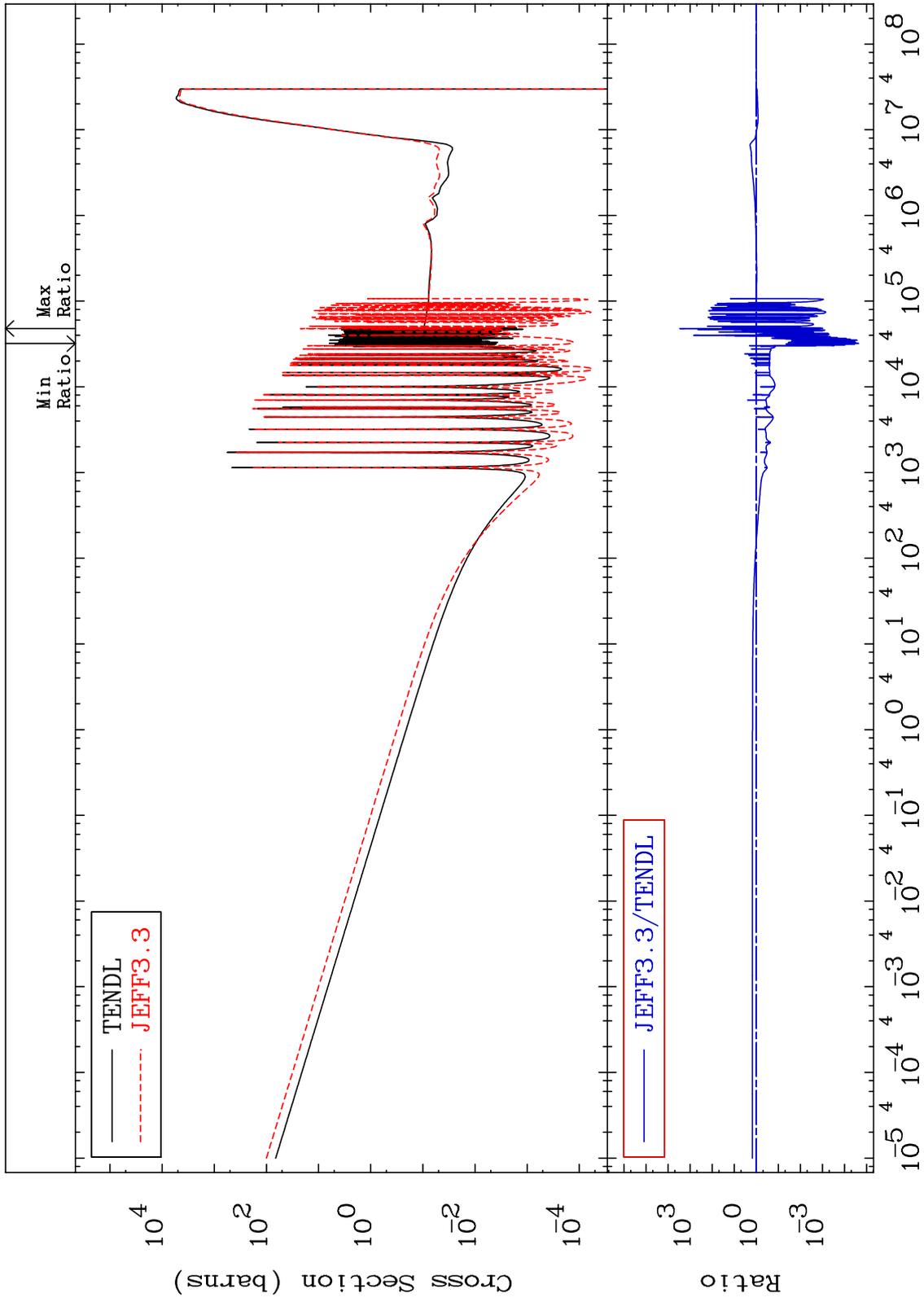
Incident Energy (eV)

52-Te-130

MAT 5255

Dpa disappearance (mt102 -120)  
Cross Section

52-Te-130  
-100.0 To 9999. %



73

Incident Energy (eV)

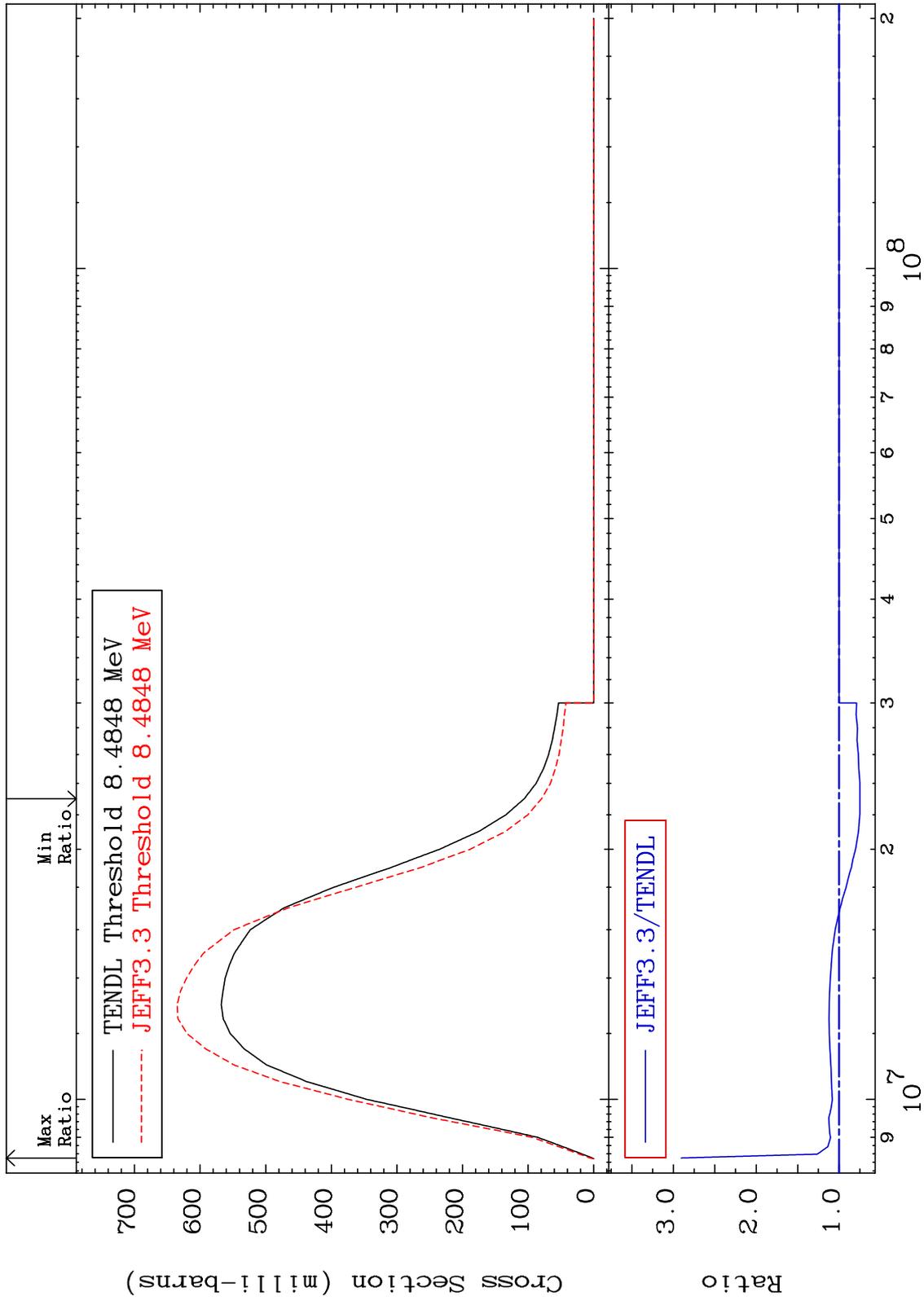
52-Te-130

MAT 5255

(n,2n):52-Te-129g

52-Te-130

Radionuclide Production Cross Section -25.08 To 190.6 %



74

Incident Energy (eV)

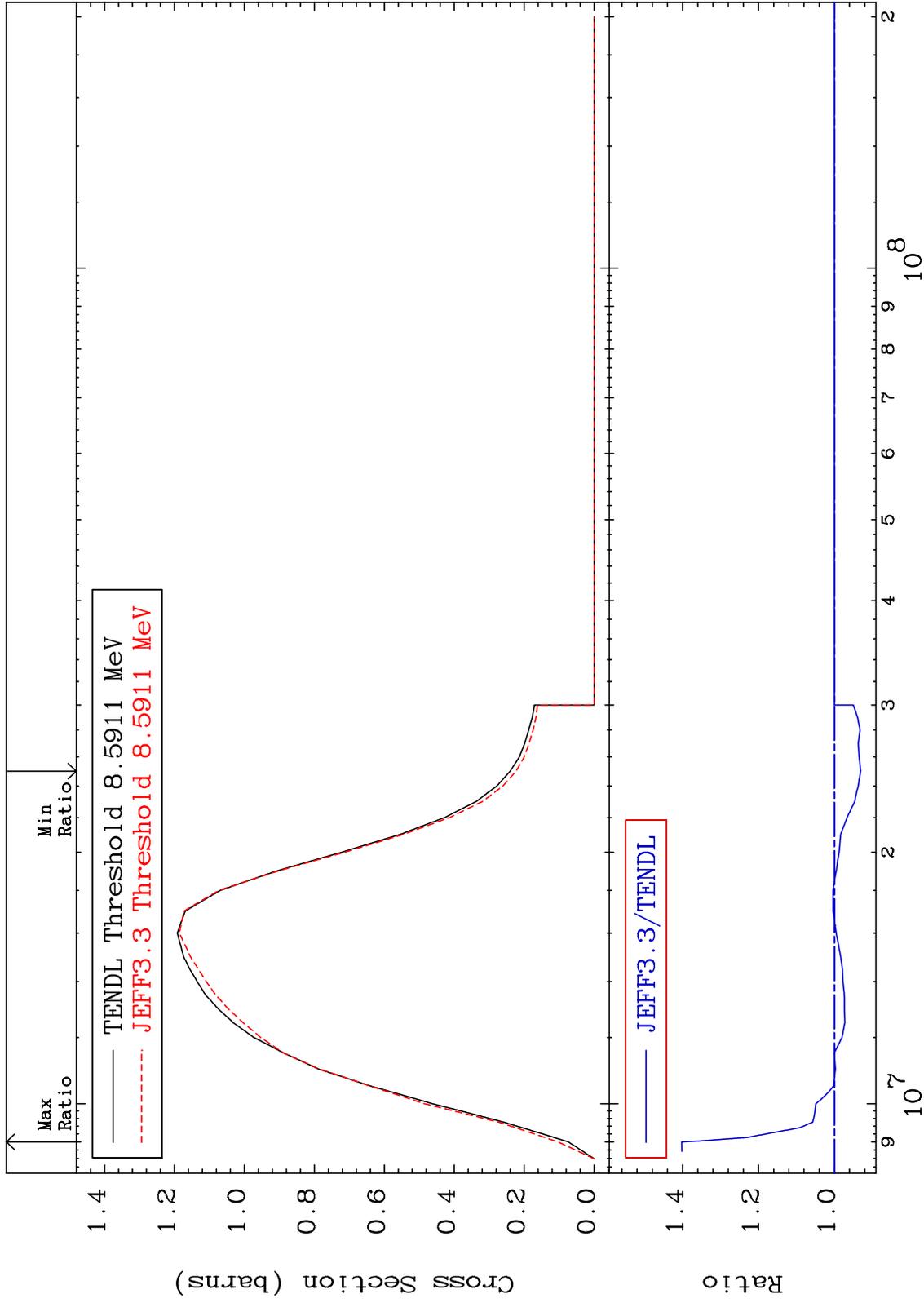
52-Te-130

MAT 5255

(n,2n):52-Te-129m1

52-Te-130

Radionuclide Production Cross Section -6.933 To 40.24 %



75

Incident Energy (eV)

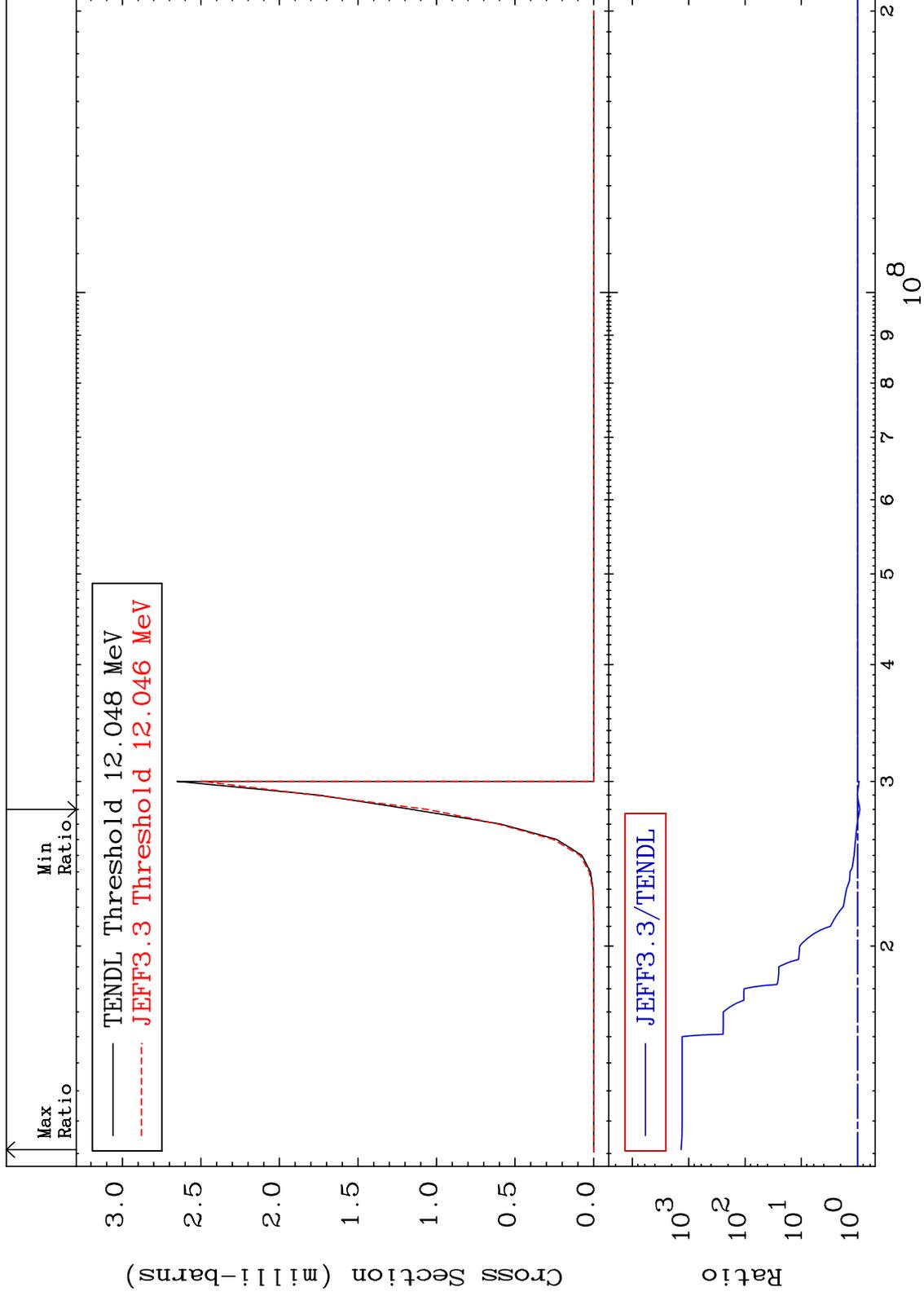
52-Te-130

MAT 5255

(n,2n)  $\alpha$ :50-Sn-125g

52-Te-130

Radionuclide Production Cross Section -8.724 To 9999. %

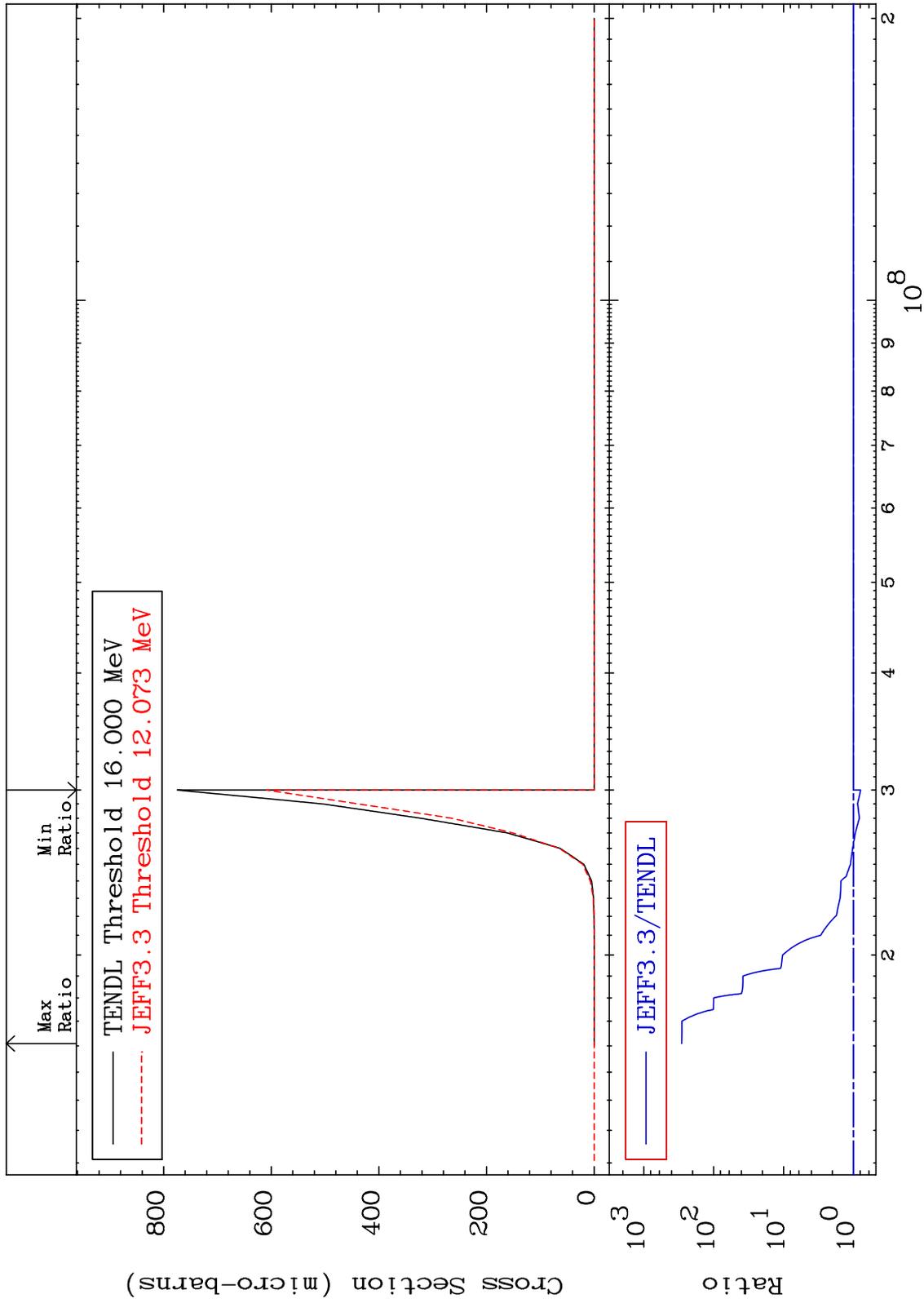


MAT 5255

(n,2n)  $\alpha$ :50-Sn-125m1

52-Te-130

Radionuclide Production Cross Section -21.39 To 9999. %



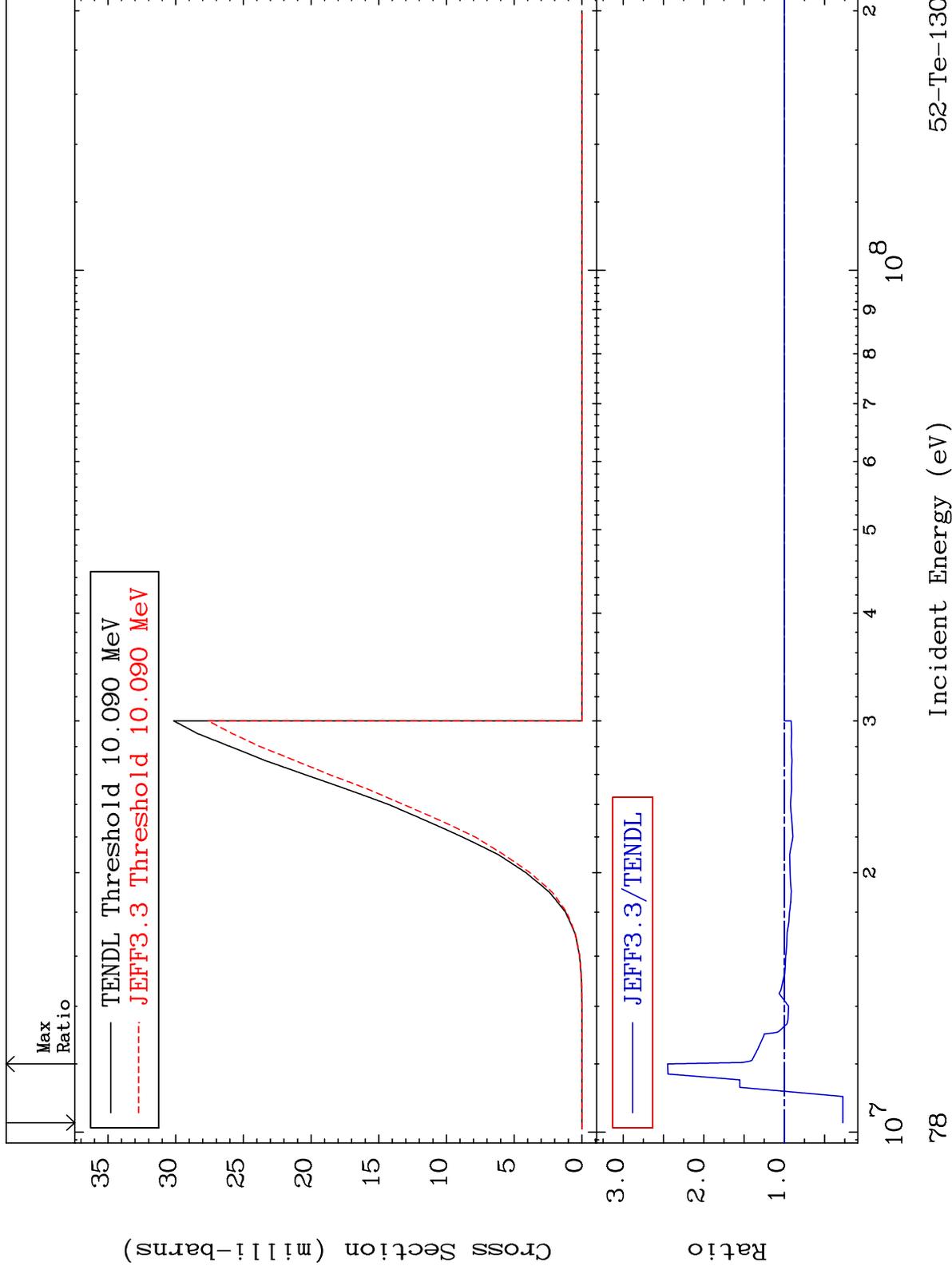
MAT 5255

(n, n') p:51-Sb-129g

52-Te-130

Radionuclide Production Cross Section

-72.69 To 144.9 %

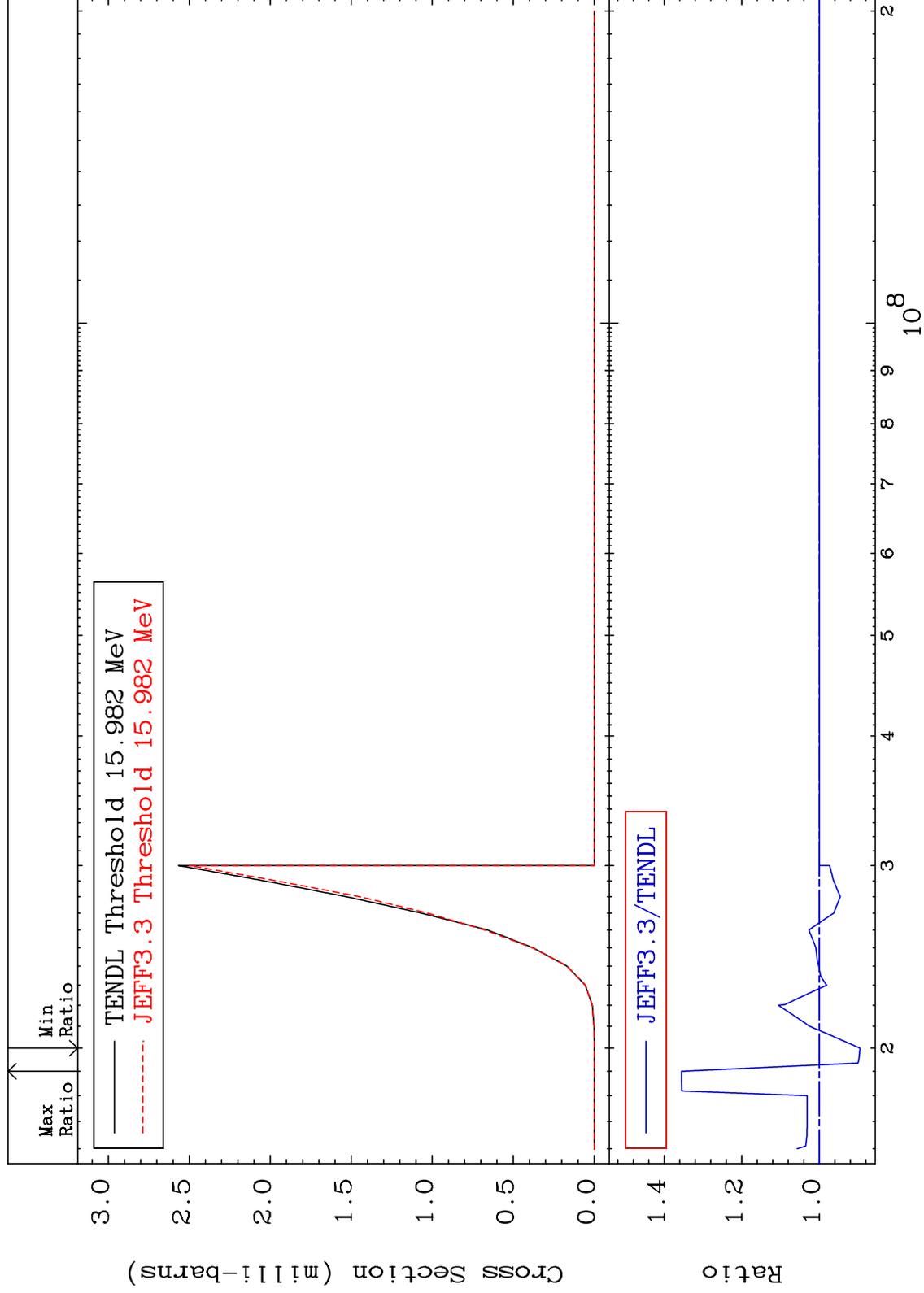


MAT 5255

(n, n') d:51-Sb-128g

52-Te-130

Radionuclide Production Cross Section -10.51 To 35.54 %

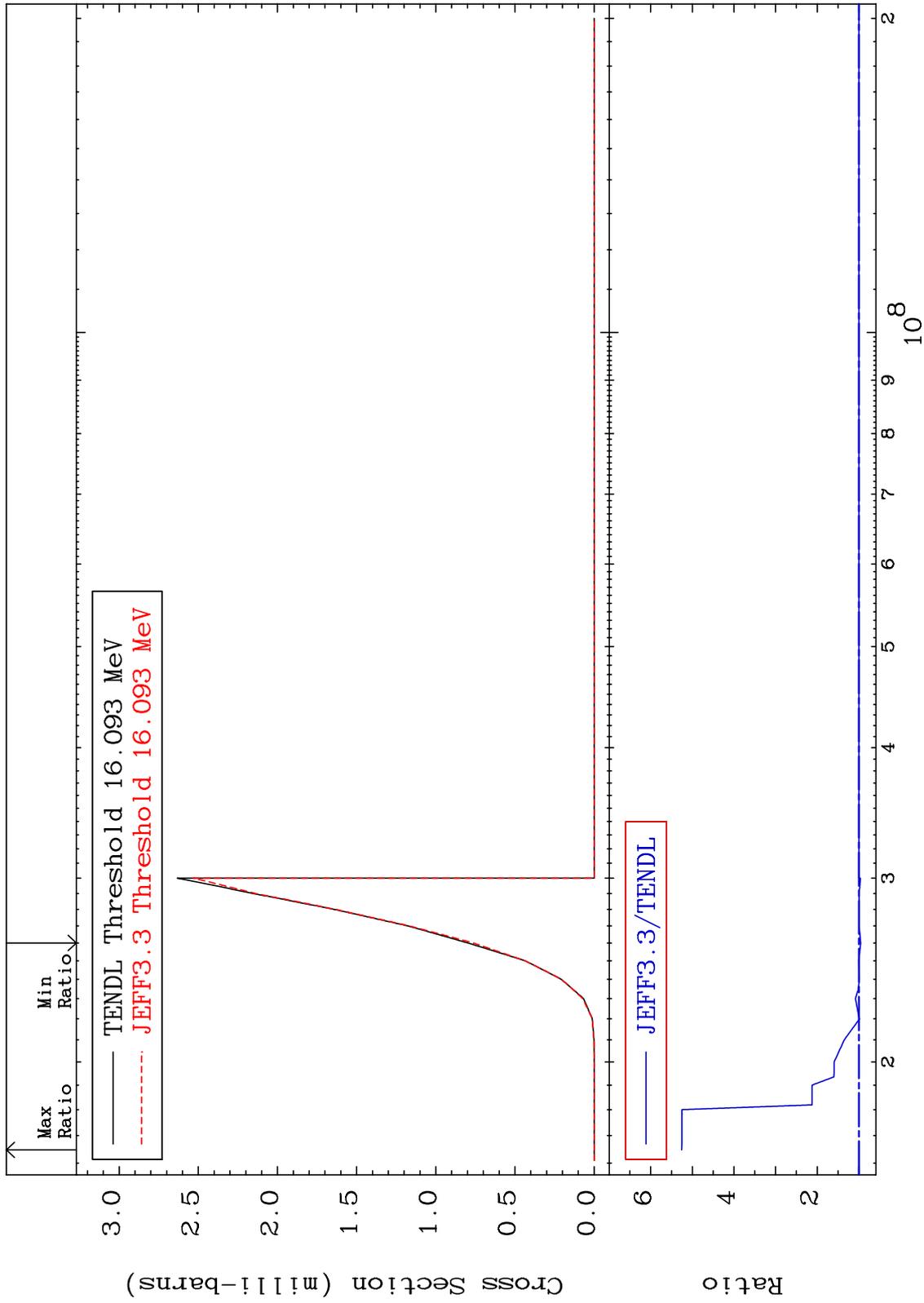


MAT 5255

(n, n') d:51-Sb-128m1

52-Te-130

Radionuclide Production Cross Section -4.334 To 425.4 %

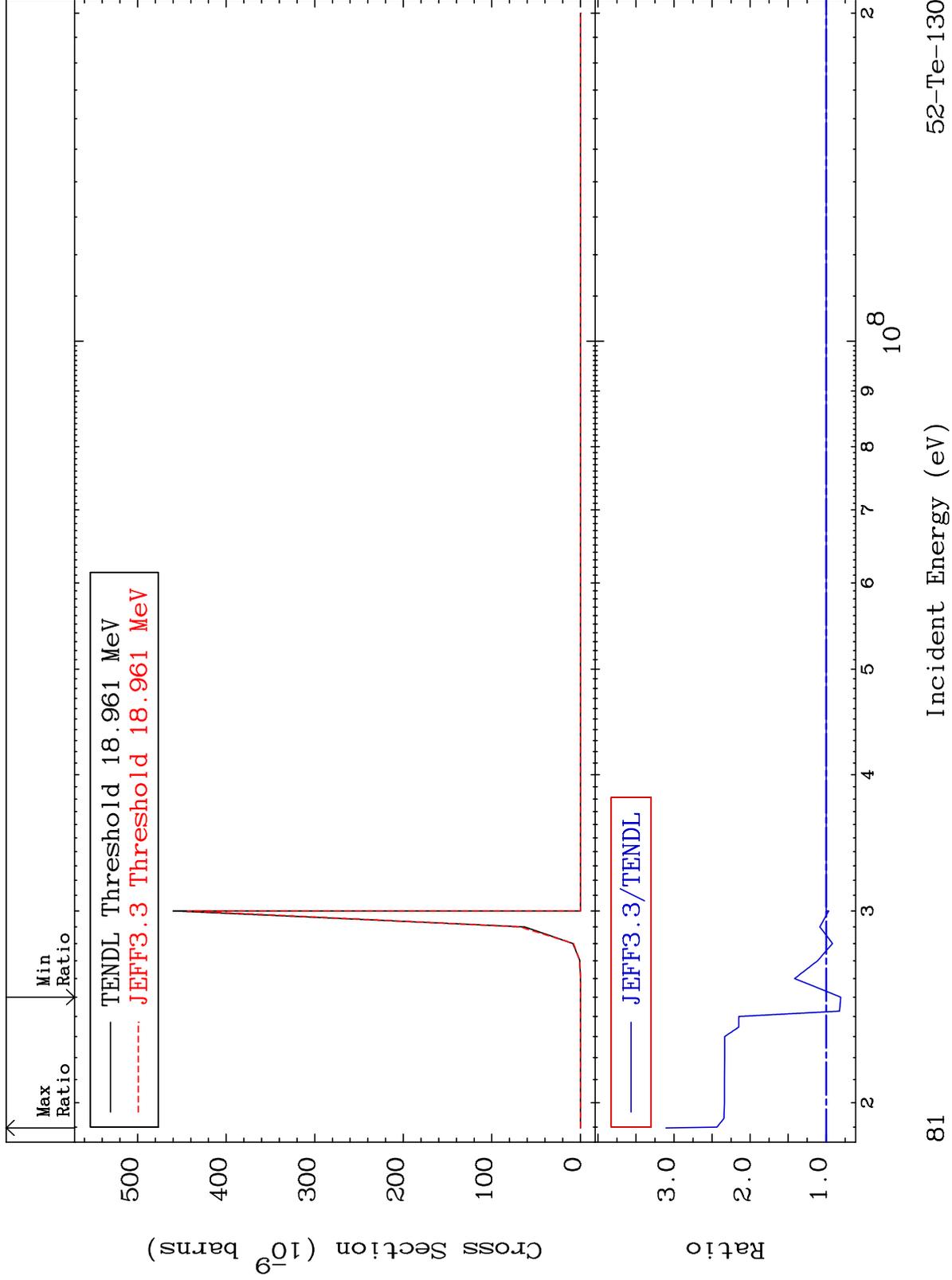


MAT 5255

(n, n') He-3:50-Sn-127g

52-Te-130

Radionuclide Production Cross Section -19.27 To 210.6 %

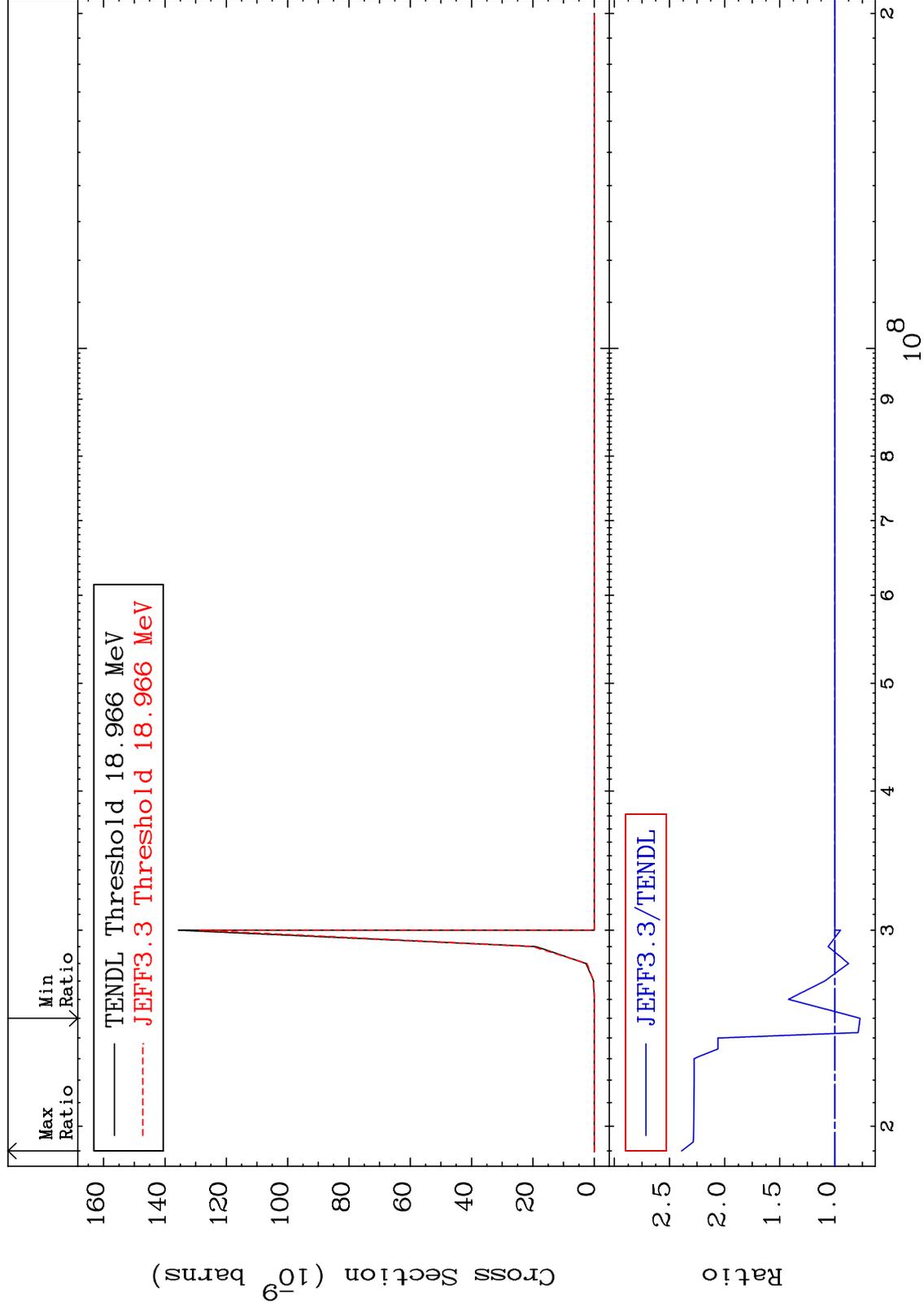


MAT 5255

(n, n') He-3:50-Sn-127m1

52-Te-130

Radionuclide Production Cross Section -22.82 To 139.1 %



82

Incident Energy (eV)

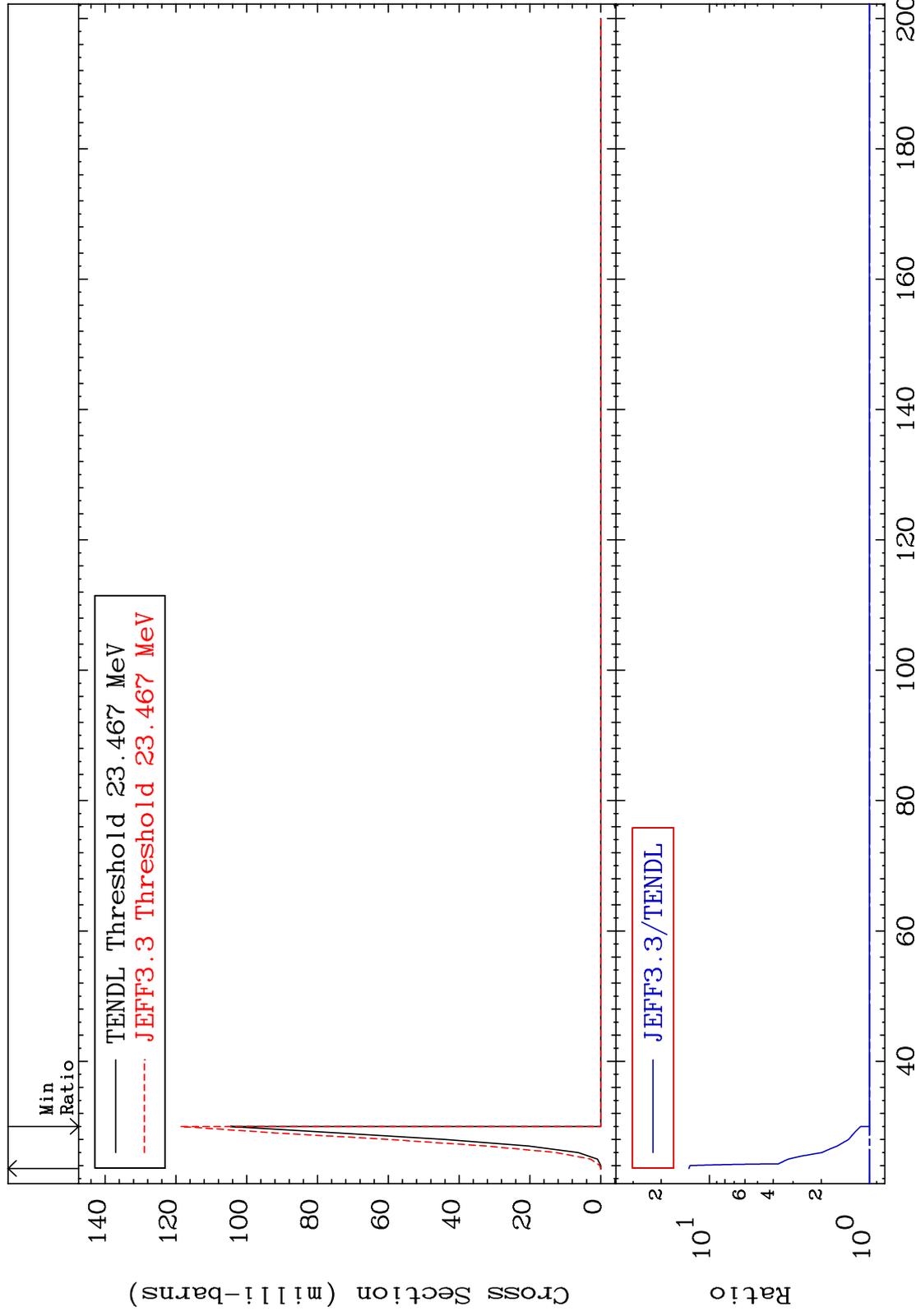
52-Te-130

MAT 5255

(n,4n):52-Te-127g

52-Te-130

Radionuclide Production Cross Section 0.000 To 1241. %

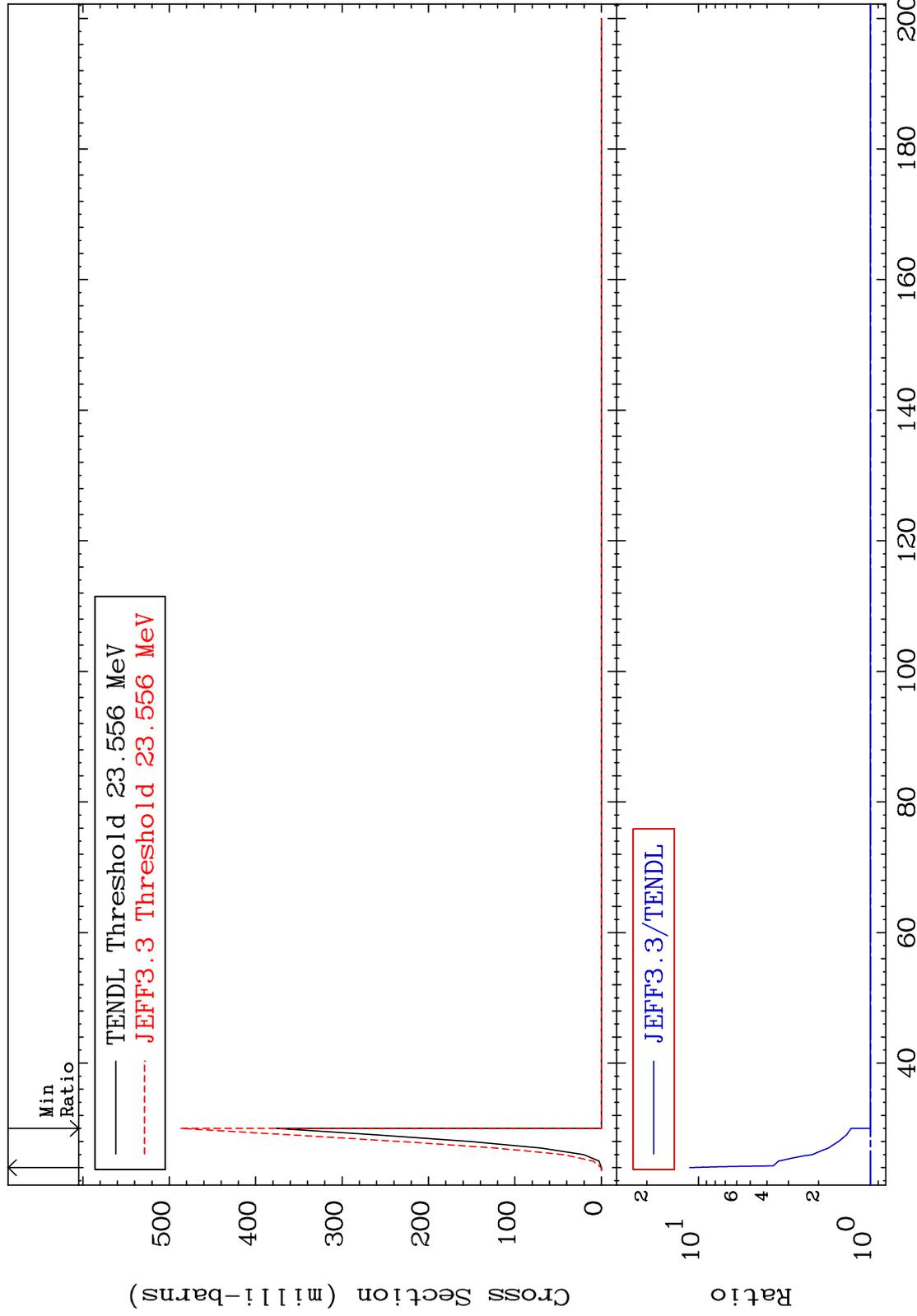


MAT 5255

(n, 4n):52-Te-127m2

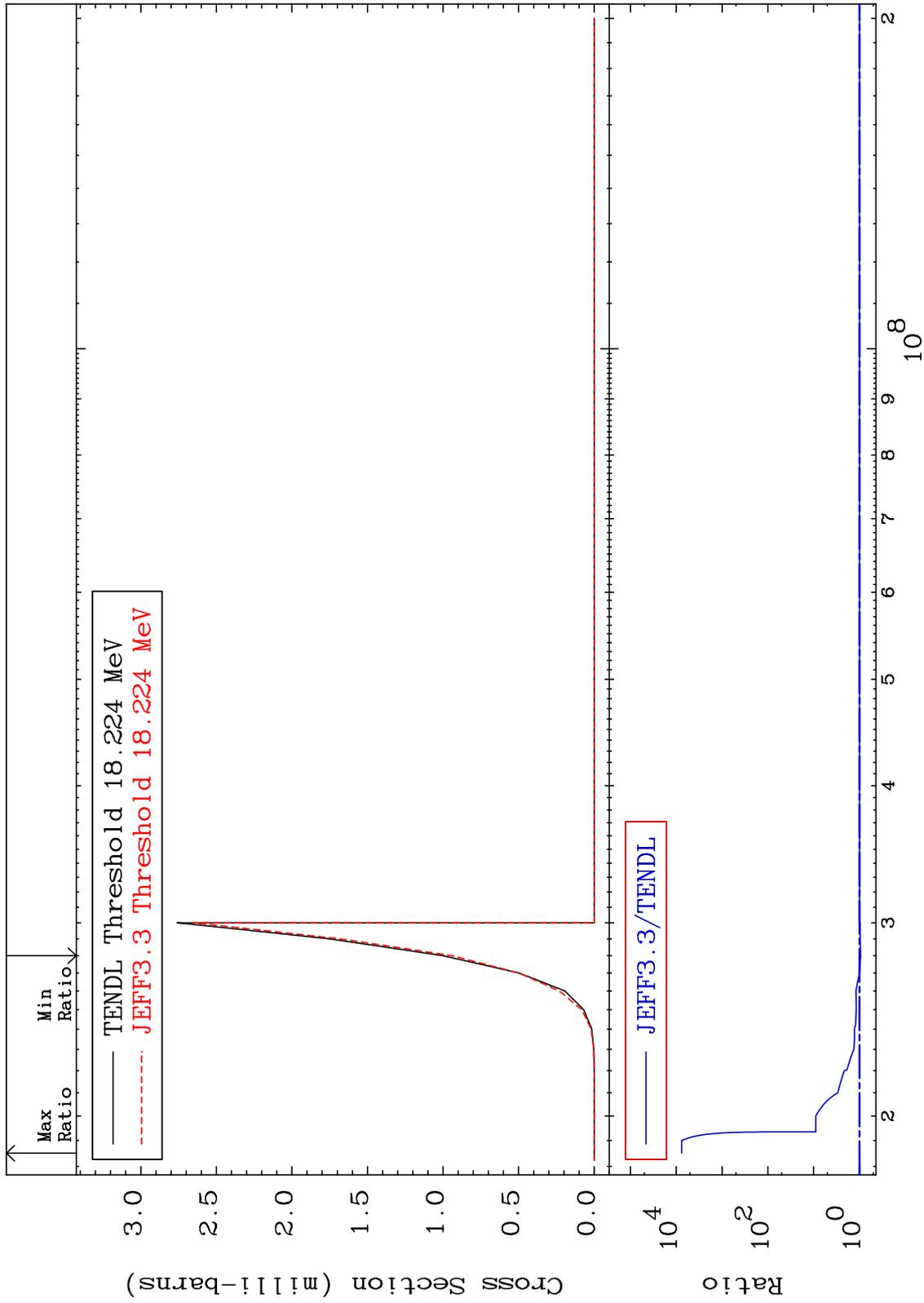
52-Te-130

Radionuclide Production Cross Section 0.000 To 1026. %



MAT 5255

(n,2n) p:51-Sb-128g 52-Te-130  
Radionuclide Production Cross Section -5.933 To 9999. %

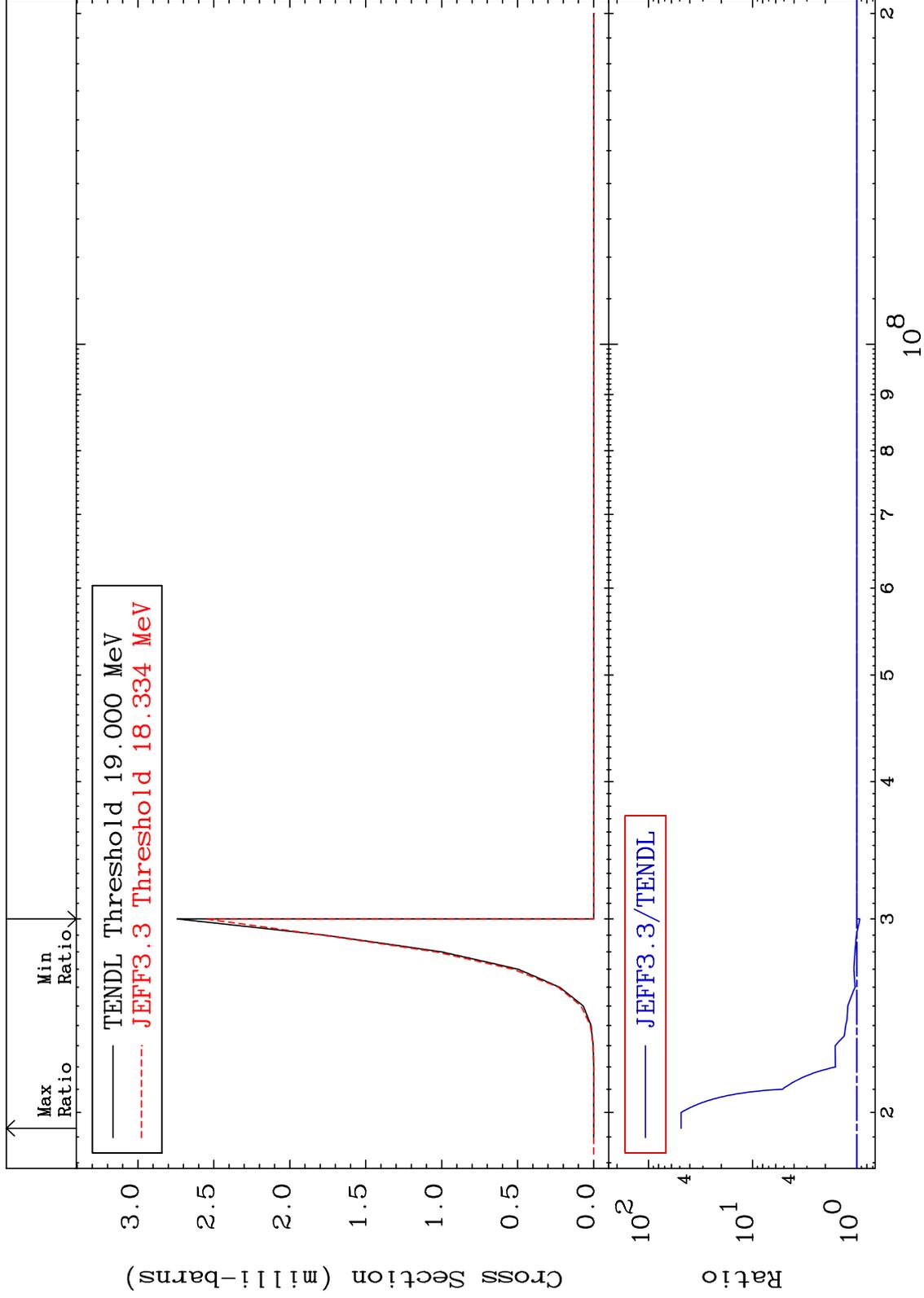


MAT 5255

(n,2n) p:51-Sb-128m1

52-Te-130

Radionuclide Production Cross Section -6.785 To 4755. %



86

Incident Energy (eV)

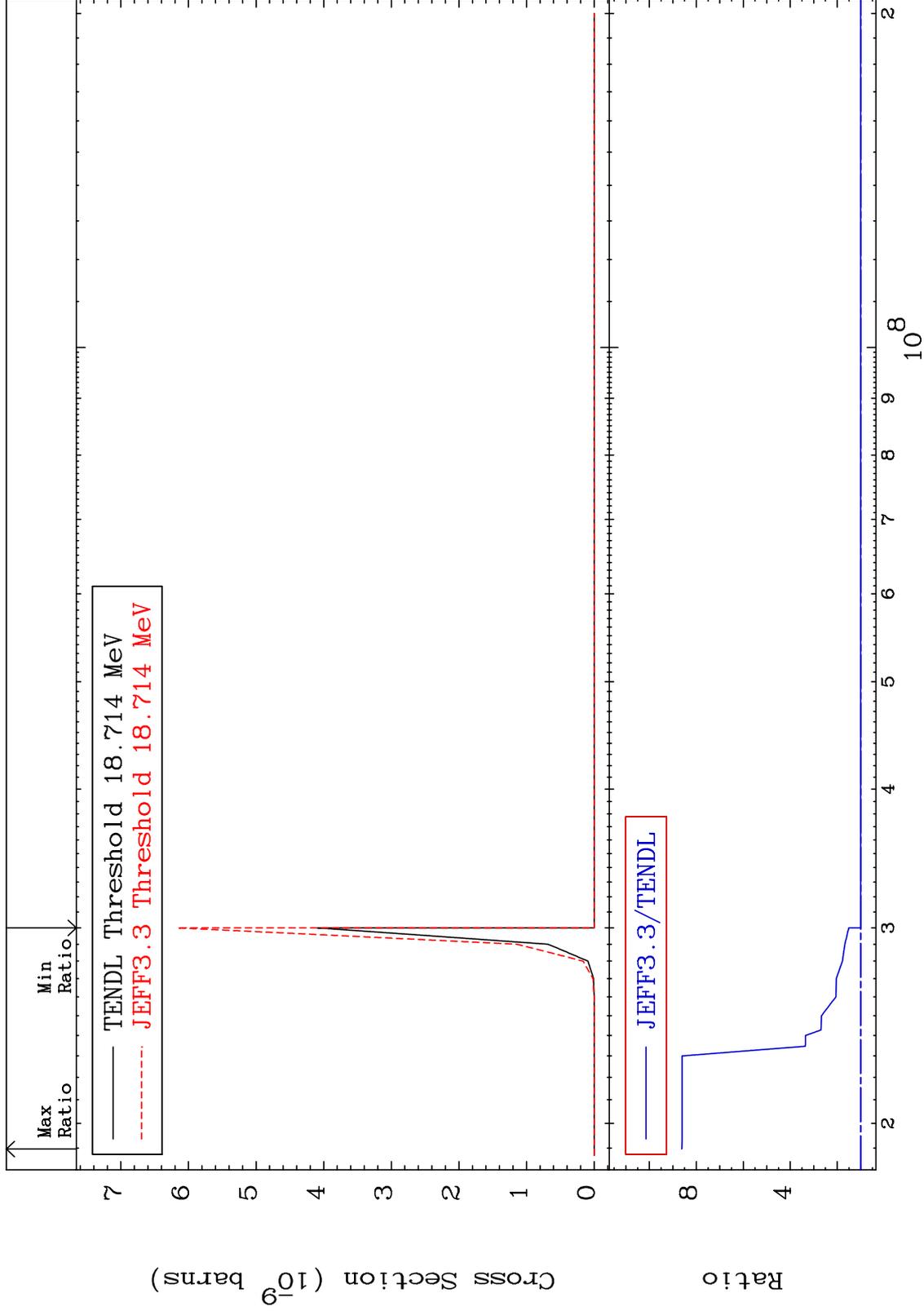
52-Te-130

MAT 5255

(n,2n) p:50-Sn-128g

52-Te-130

Radionuclide Production Cross Section 0.000 To 762.1 %

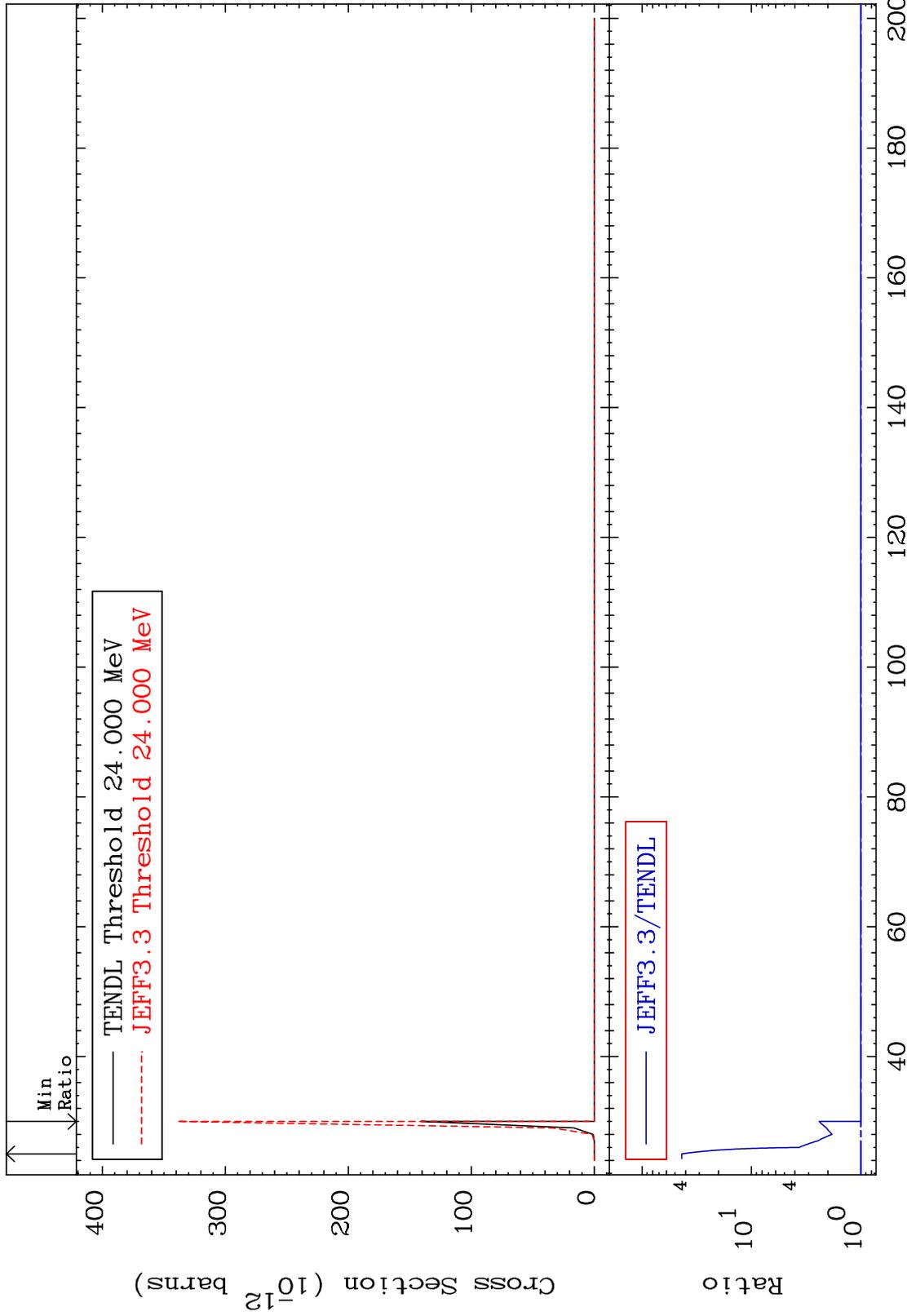


MAT 5255

(n,2n) p:50-Sn-128m3

52-Te-130

Radionuclide Production Cross Section 0.000 To 4230. %

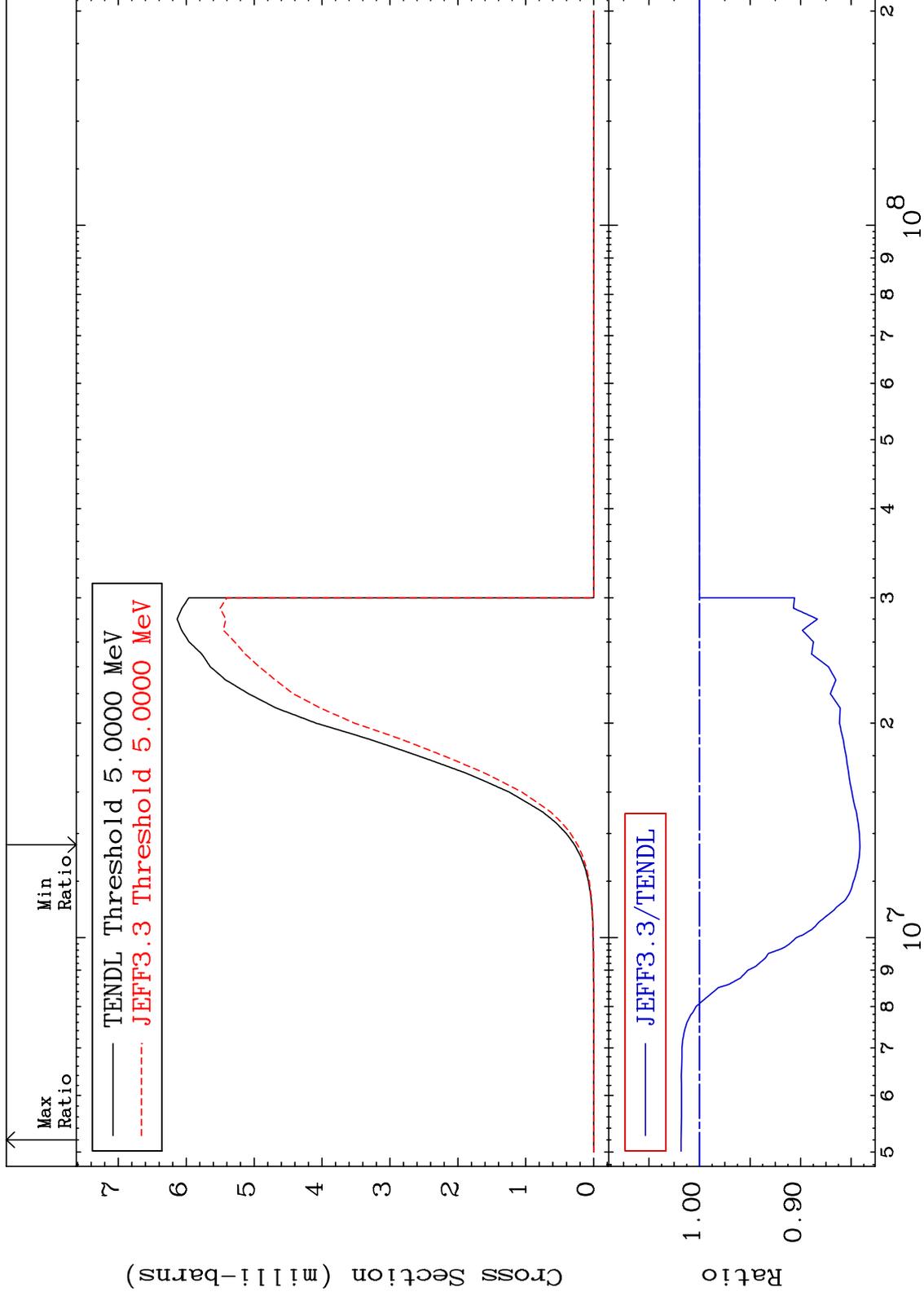


MAT 5255

(n,p):51-Sb-130g

52-Te-130

Radionuclide Production Cross Section -15.86 To 1.812 %

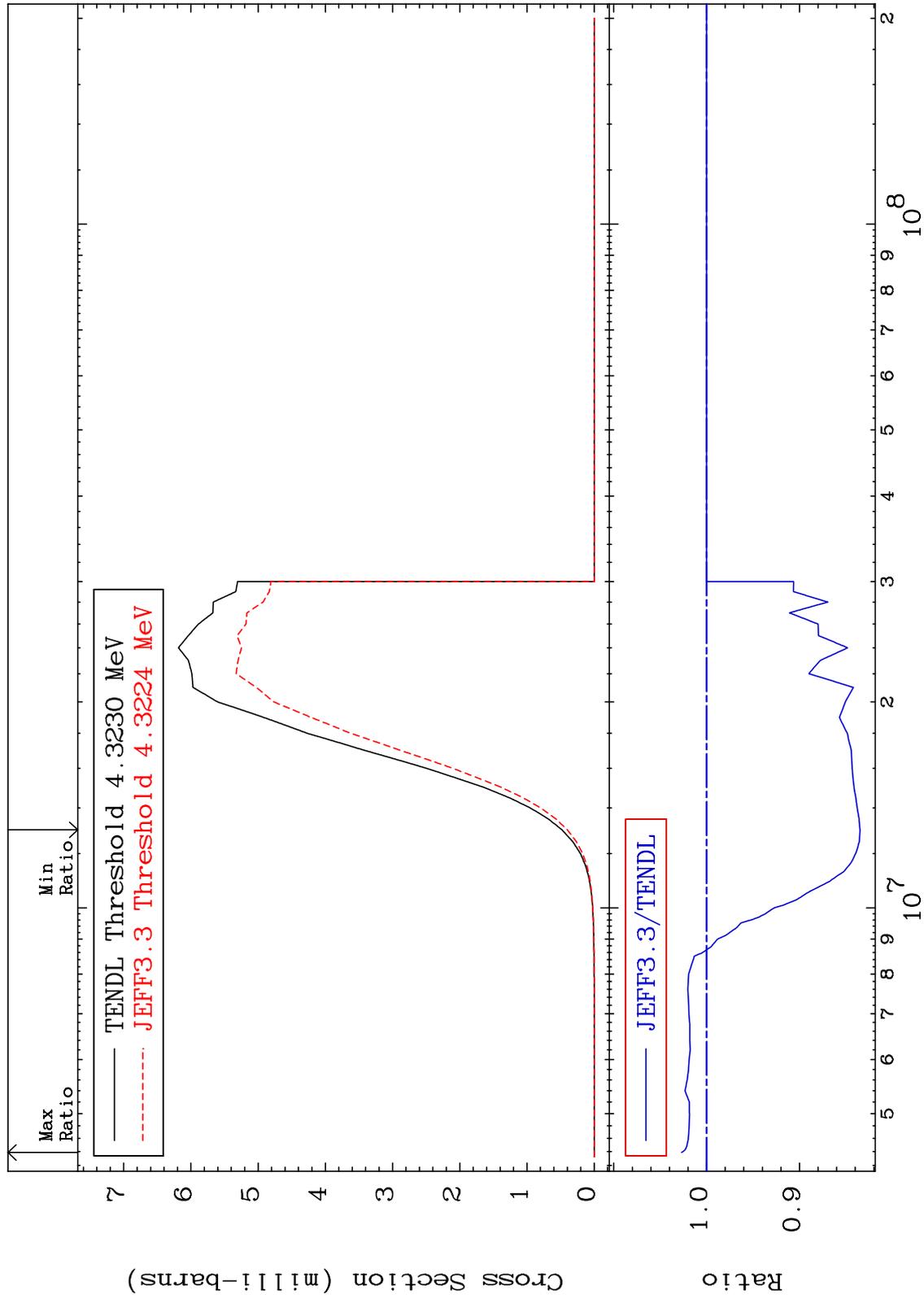


MAT 5255

(n, p):51-Sb-130m1

52-Te-130

Radionuclide Production Cross Section -16.51 To 2.698 %



90

Incident Energy (eV)

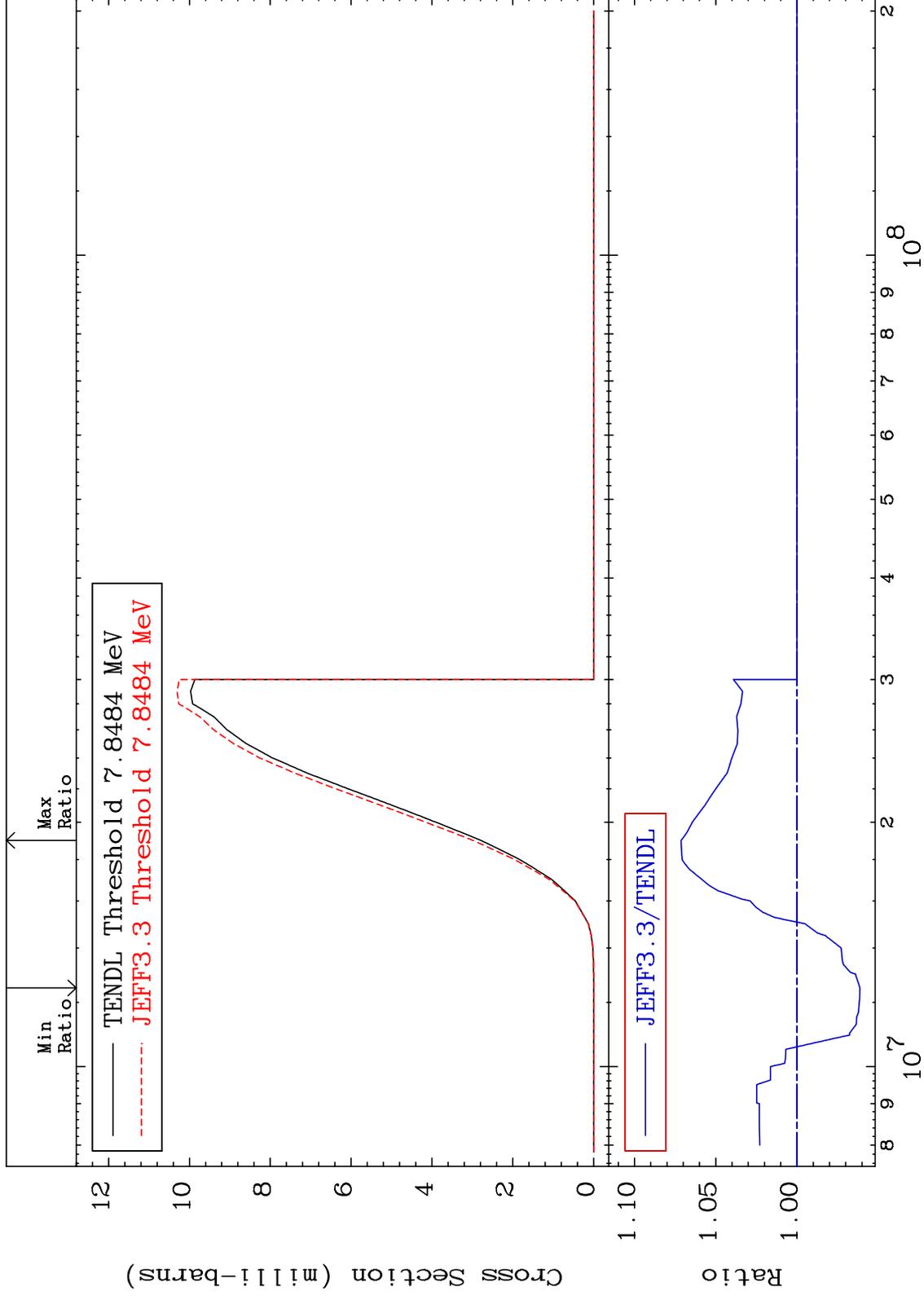
52-Te-130

MAT 5255

(n,d):51-Sb-129g

52-Te-130

Radionuclide Production Cross Section -3.875 To 7.128 %



91

Incident Energy (eV)

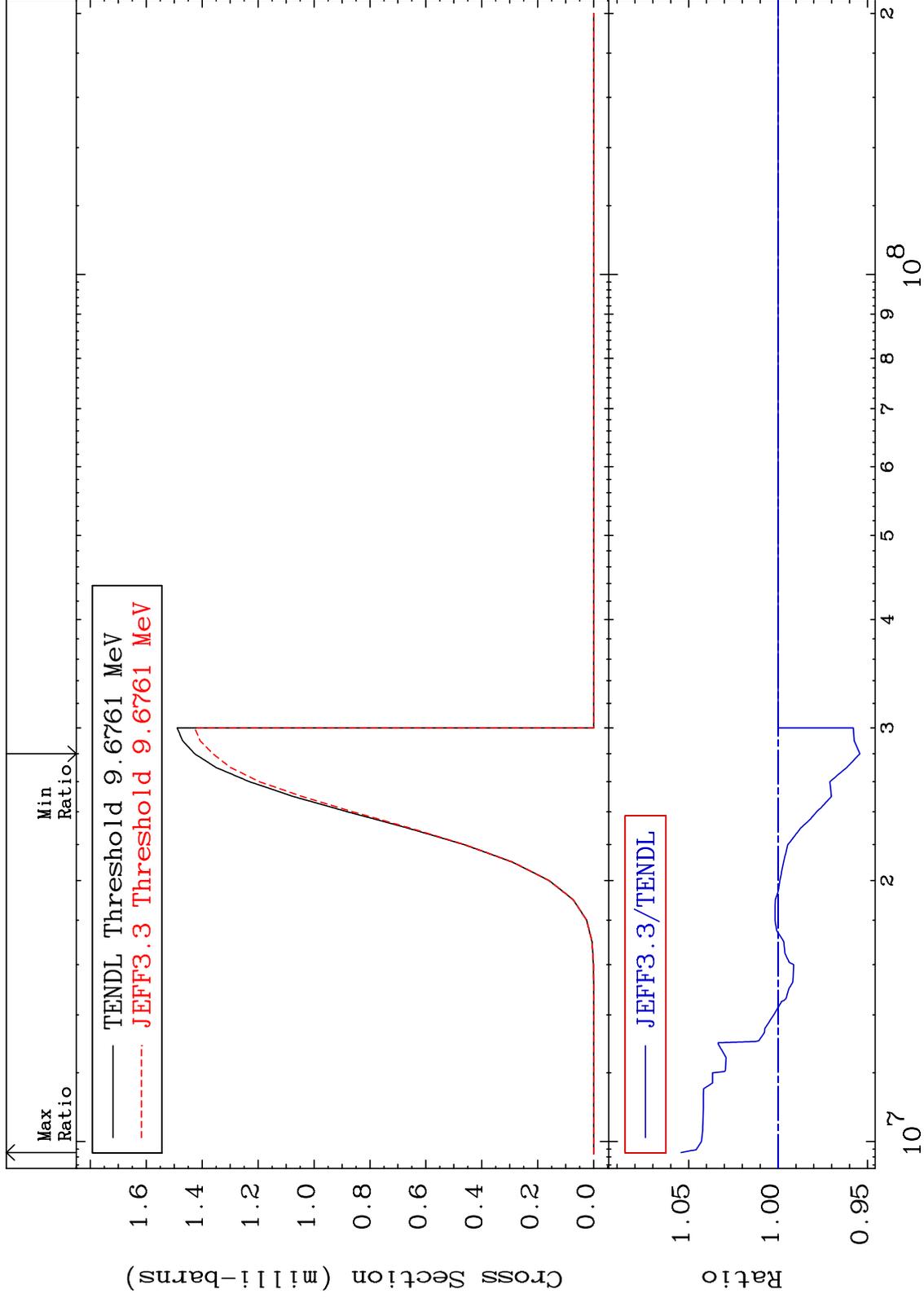
52-Te-130

MAT 5255

(n, t):51-Sb-128g

52-Te-130

Radionuclide Production Cross Section -4.575 To 5.419 %



92

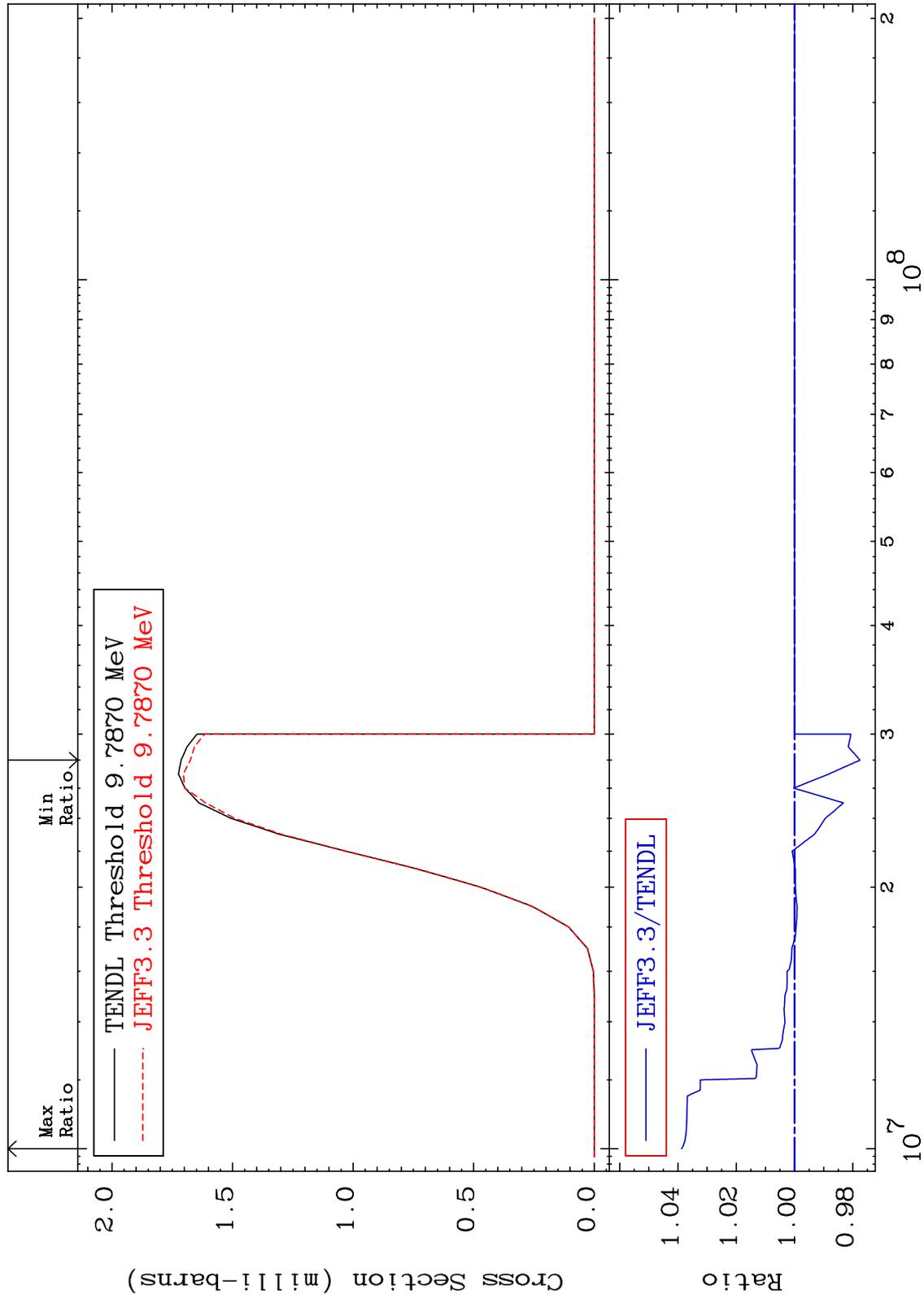
52-Te-130

MAT 5255

(n, t):51-Sb-128m1

52-Te-130

Radionuclide Production Cross Section -2.246 To 3.876 %



52-Te-130

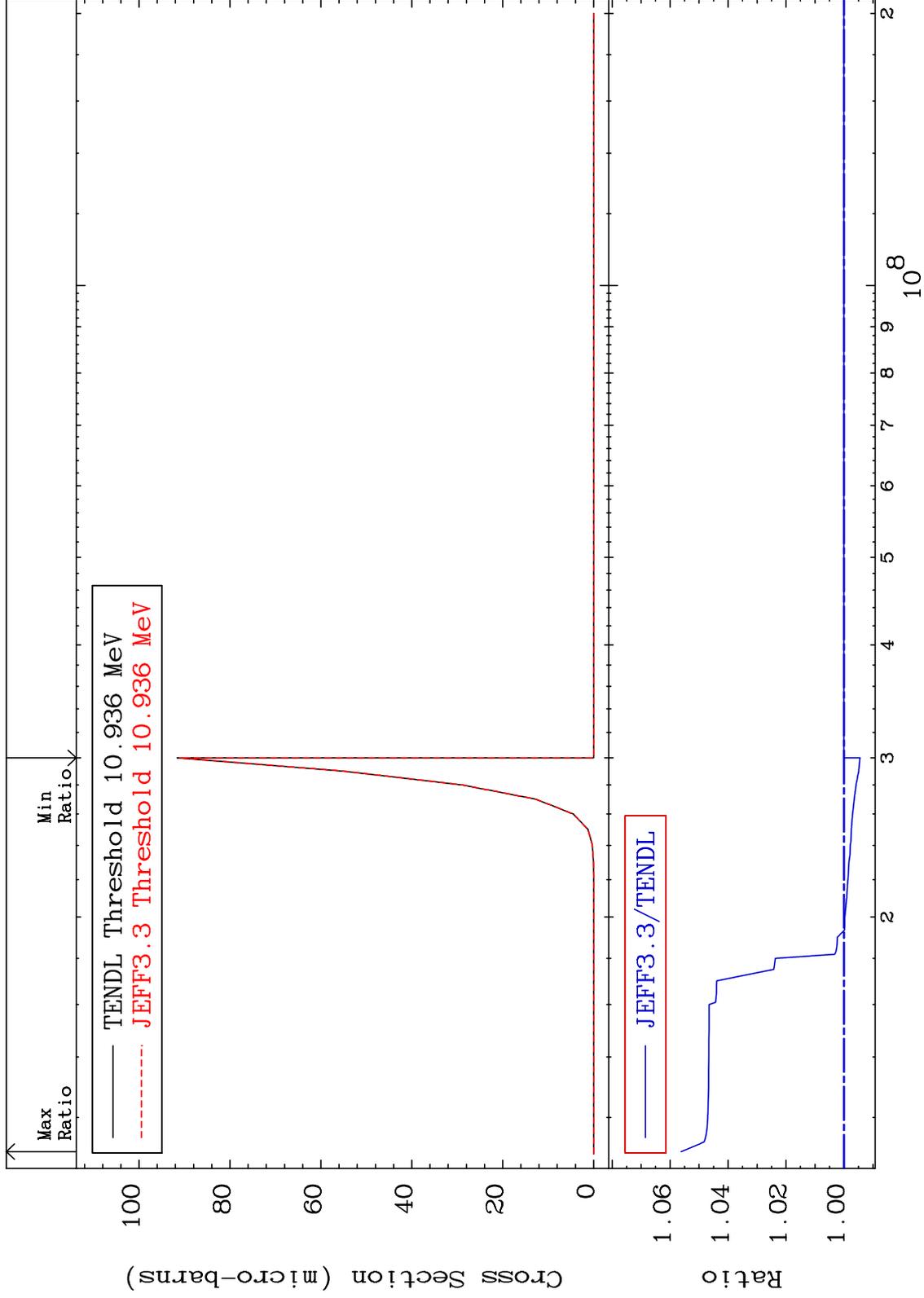
93

MAT 5255

(n,He-3):50-Sn-128g

52-Te-130

Radionuclide Production Cross Section -0.549 To 5.619 %

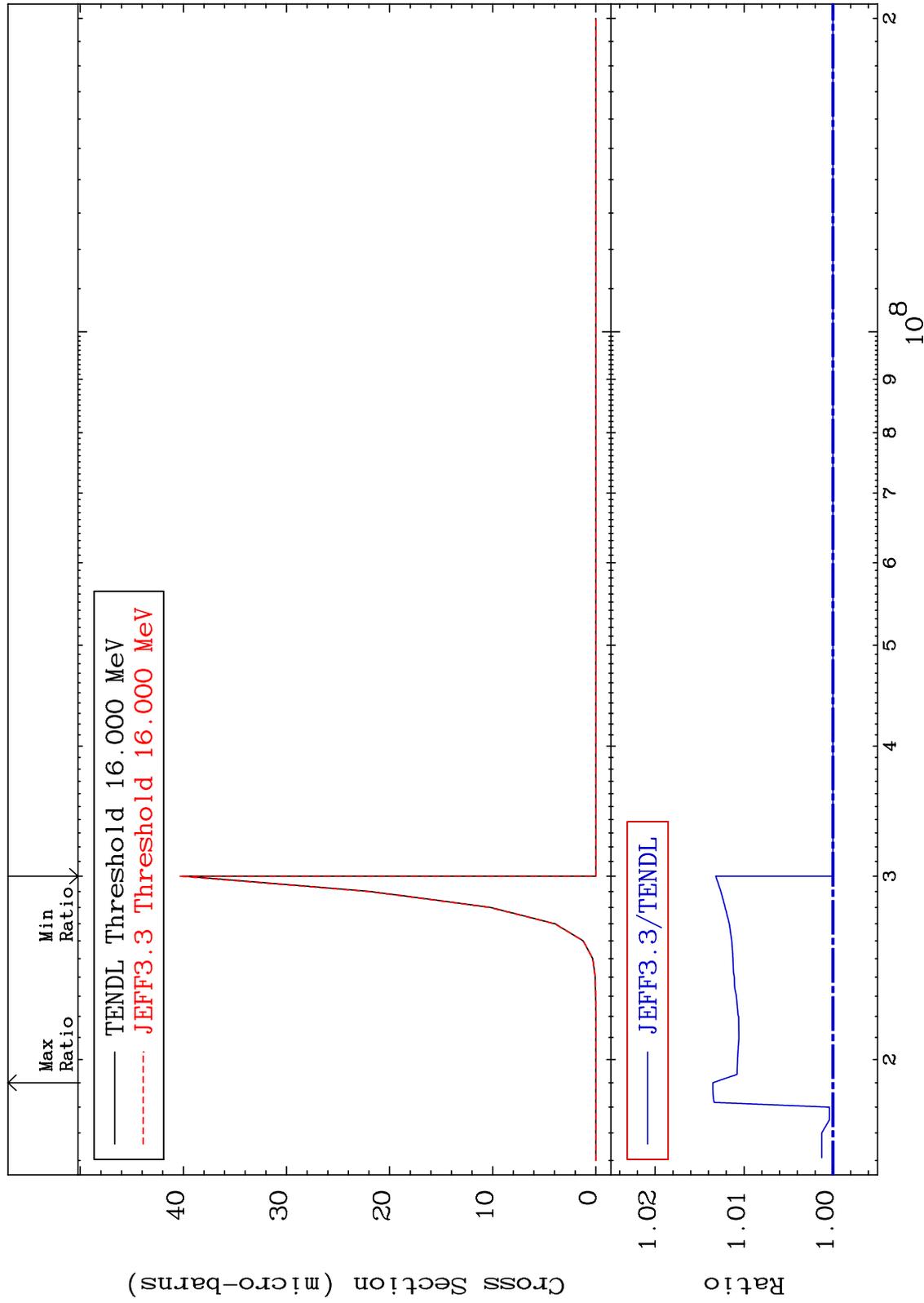


MAT 5255

(n, He-3) : 50-Sn-128m3

52-Te-130

Radionuclide Production Cross Section 0.000 To 1.352 %

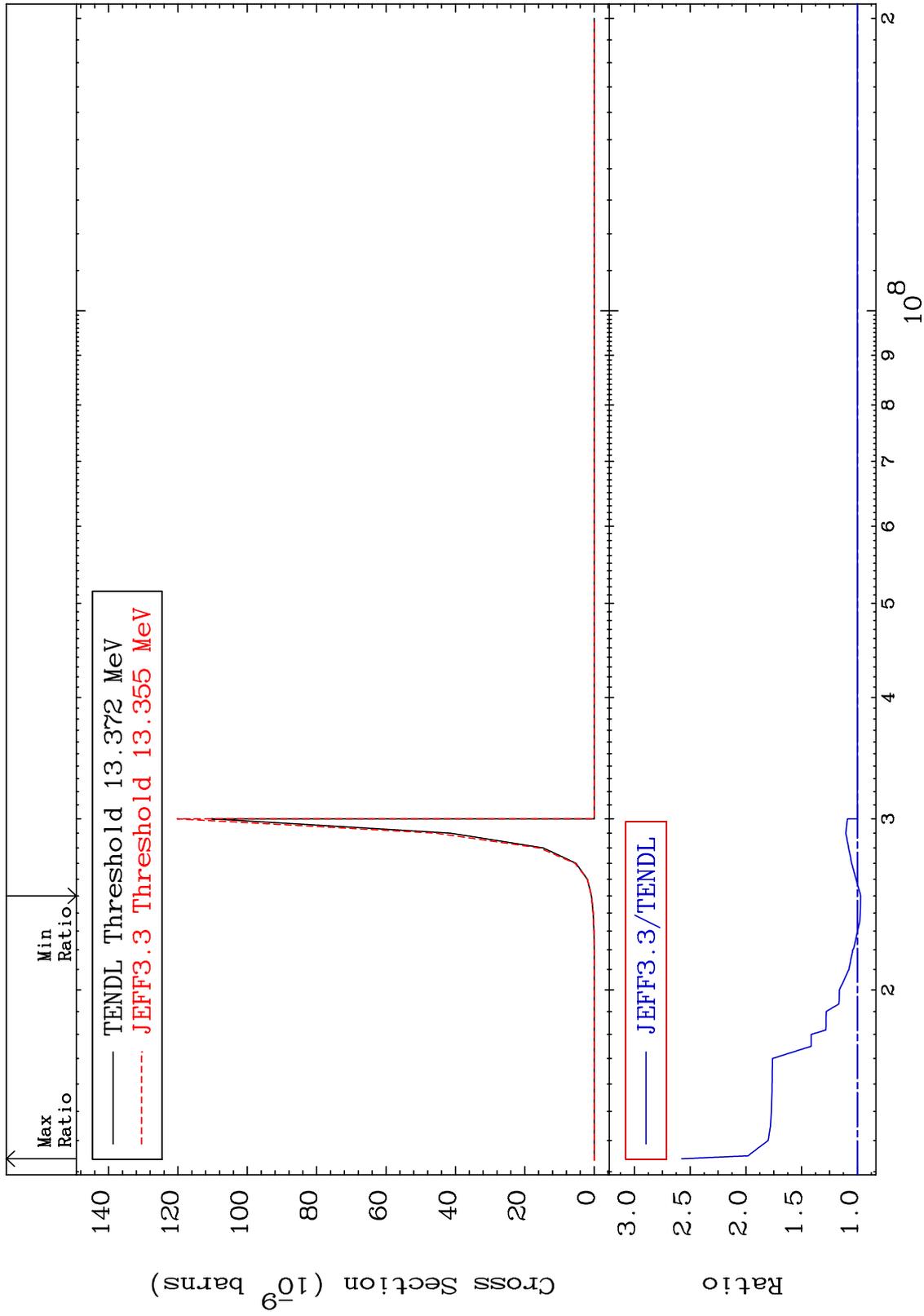


MAT 5255

(n,2p):50-Sn-129g

52-Te-130

Radionuclide Production Cross Section -3.012 To 157.6 %

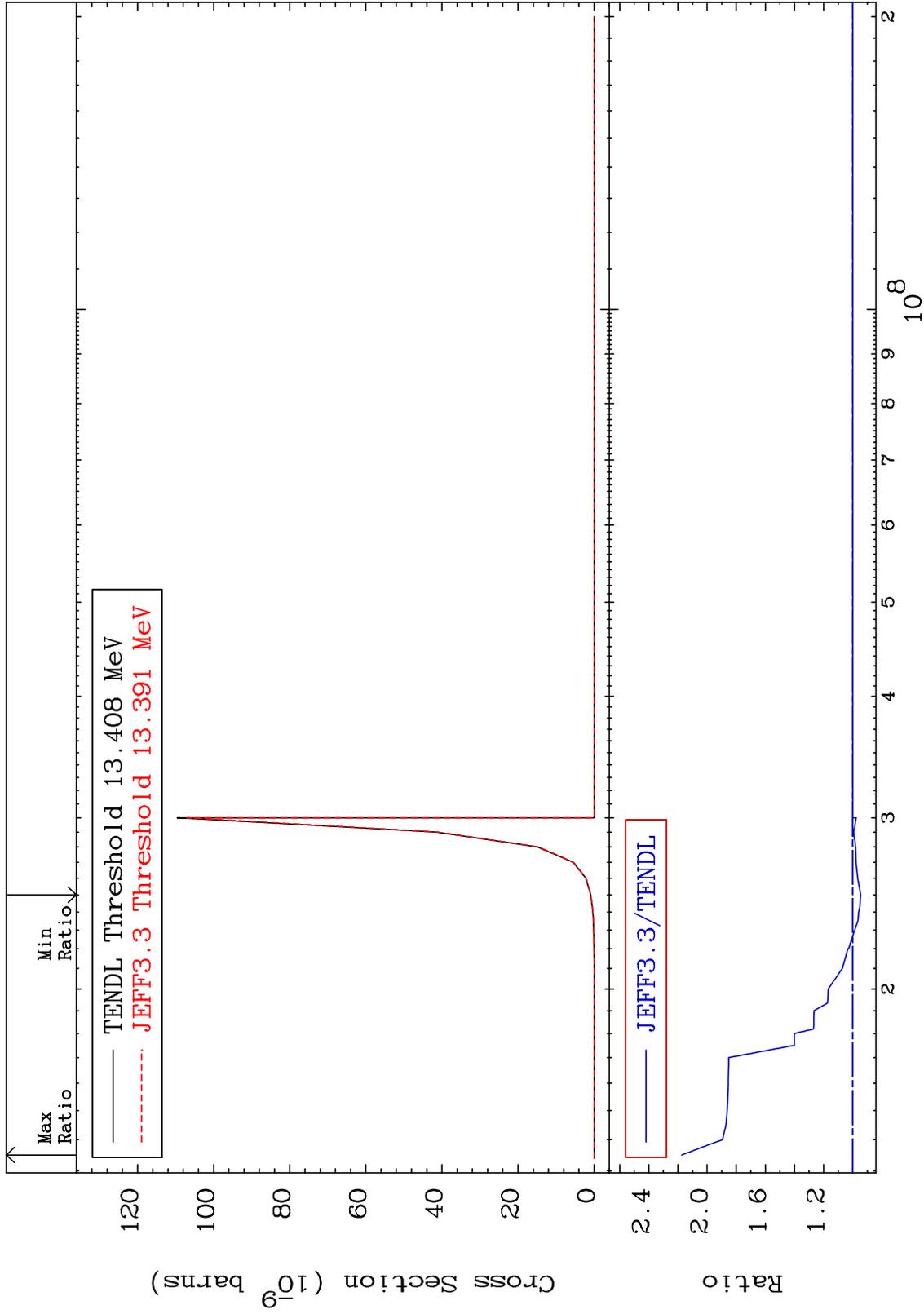


MAT 5255

(n,2p):50-Sn-129m1

52-Te-130

Radionuclide Production Cross Section -5.419 To 117.4 %

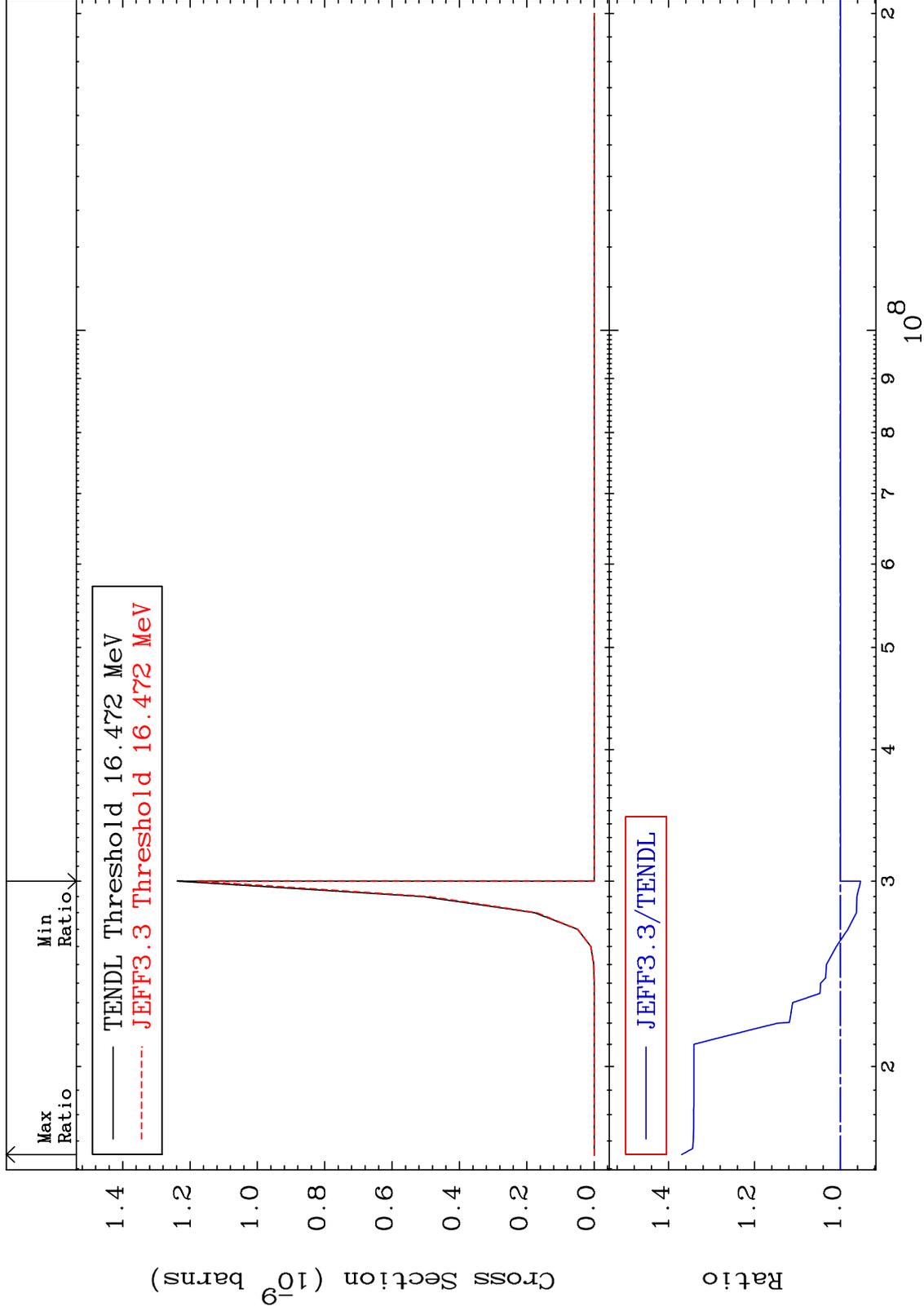


MAT 5255

(n, p) d:50-Sn-128g

52-Te-130

Radionuclide Production Cross Section -4.701 To 36.95 %

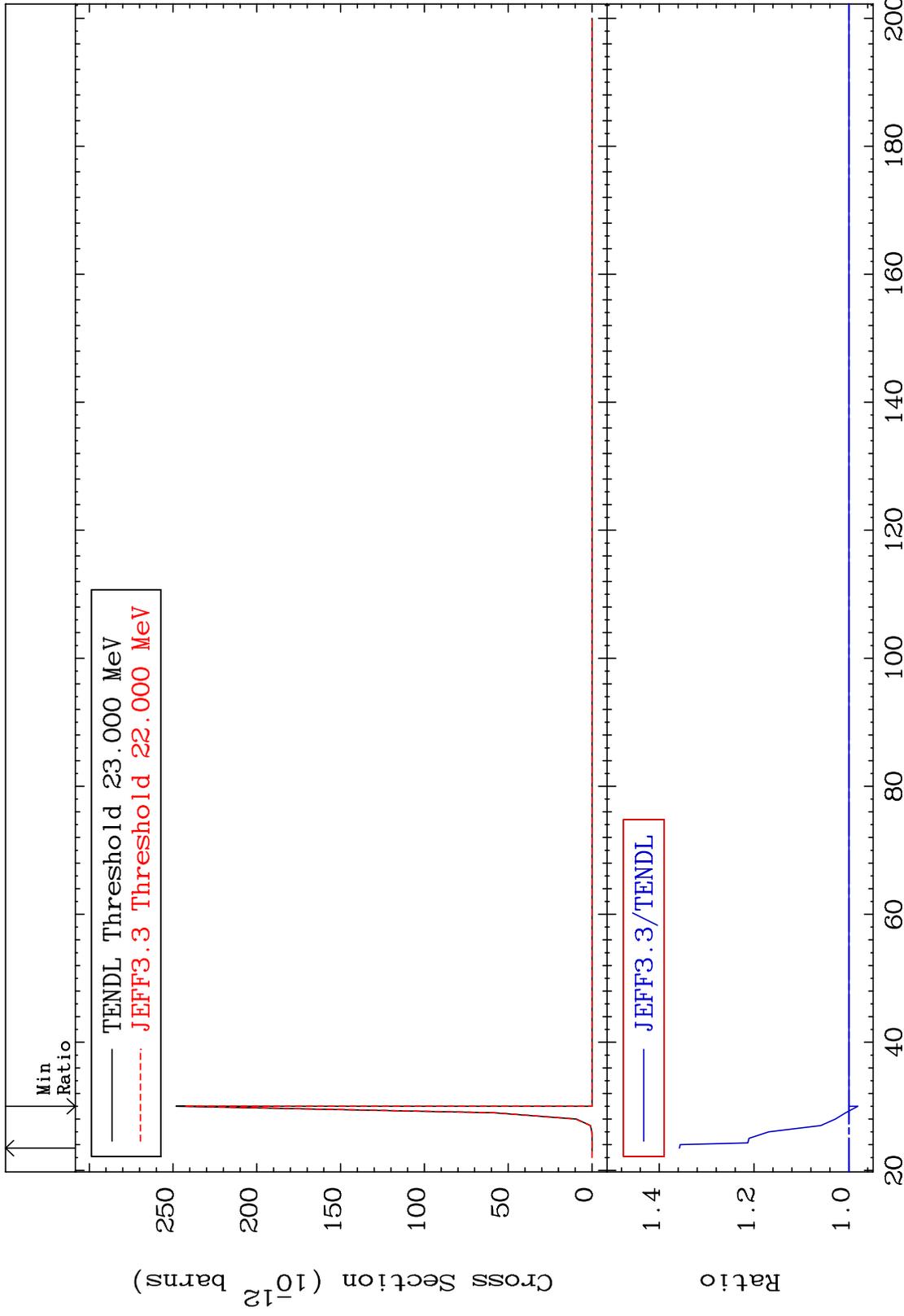


MAT 5255

(n, p) d:50-Sn-128m3

52-Te-130

Radionuclide Production Cross Section -1.918 To 35.76 %



99

Incident Energy (MeV)

52-Te-130