

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

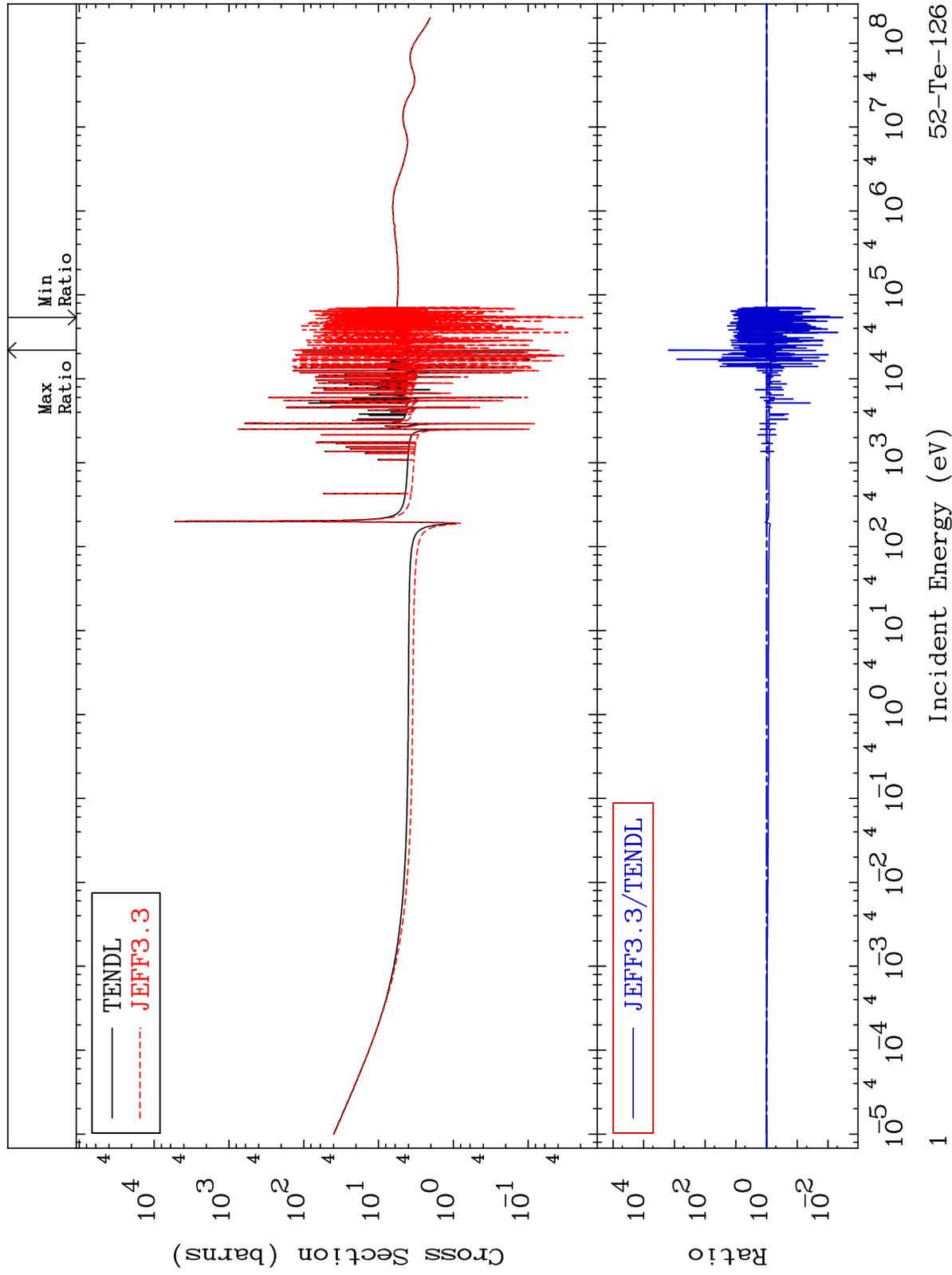
MAT 5243

Total

52-Te-126

Cross Section

-99.68 To 9999. %



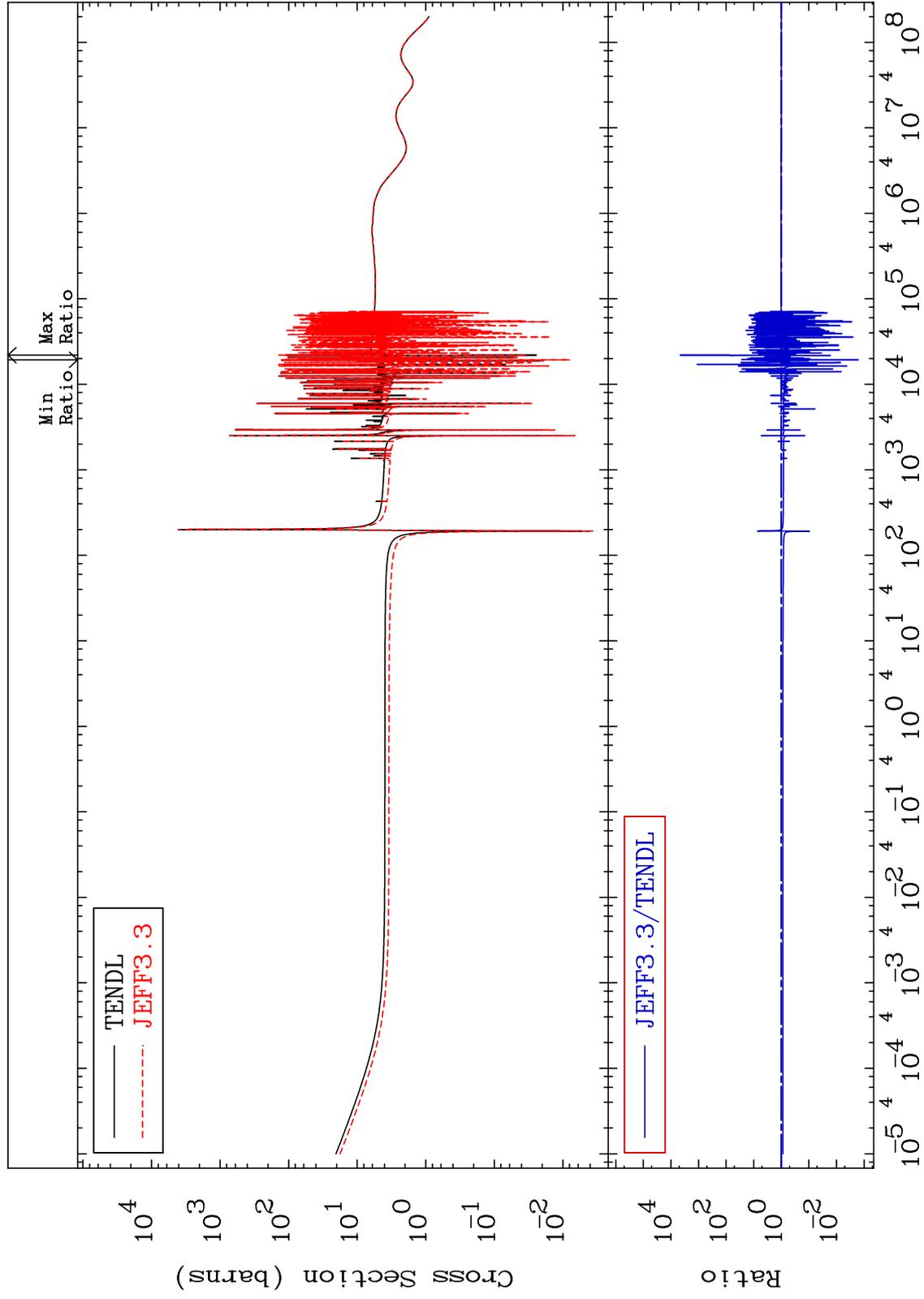
Incident Energy (eV)

52-Te-126

MAT 5243

Elastic  
Cross Section

52-Te-126  
-99.84 To 9999. %



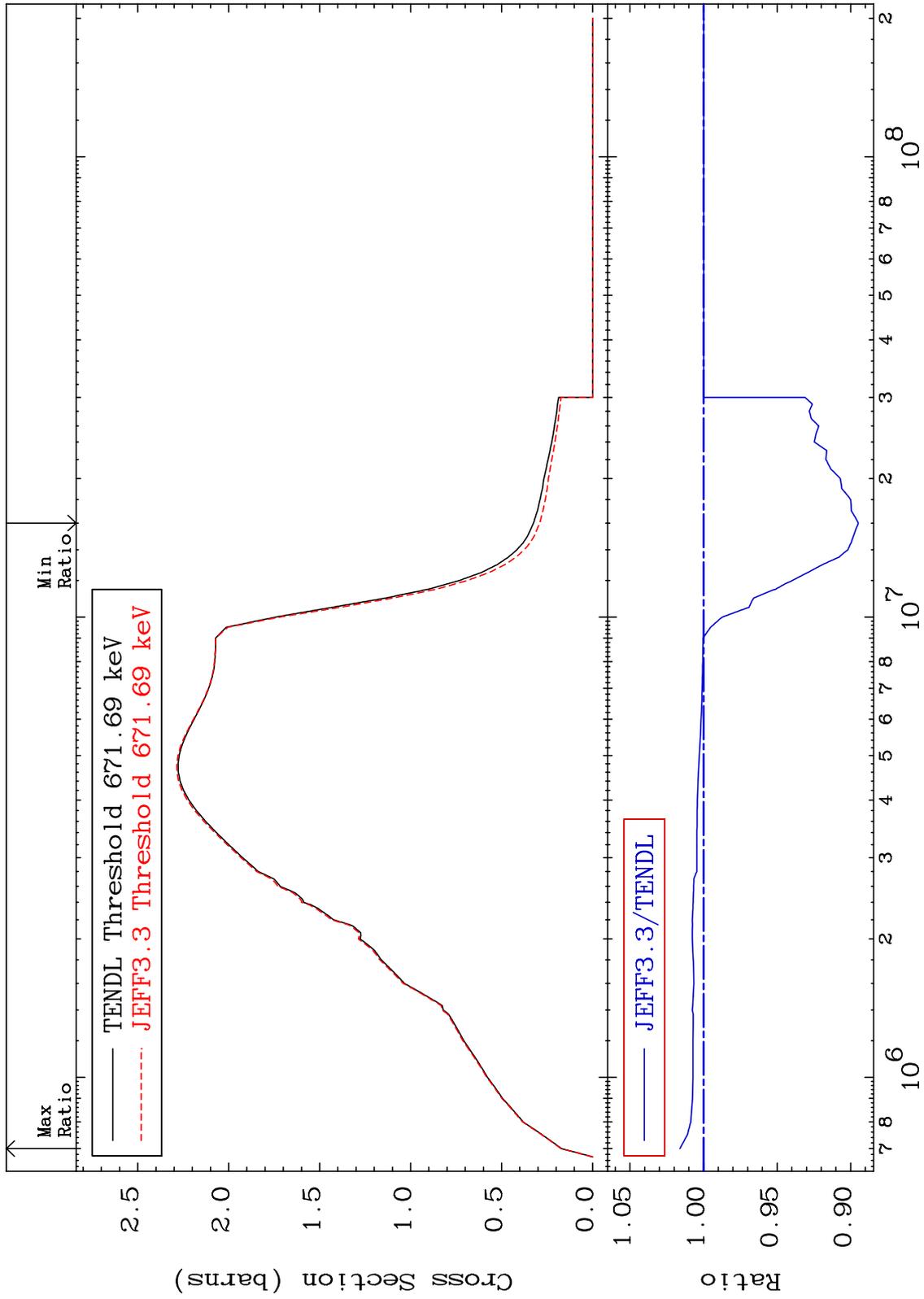
MAT 5243

Inelastic

52-Te-126

Cross Section

-10.52 To 1.604 %



3

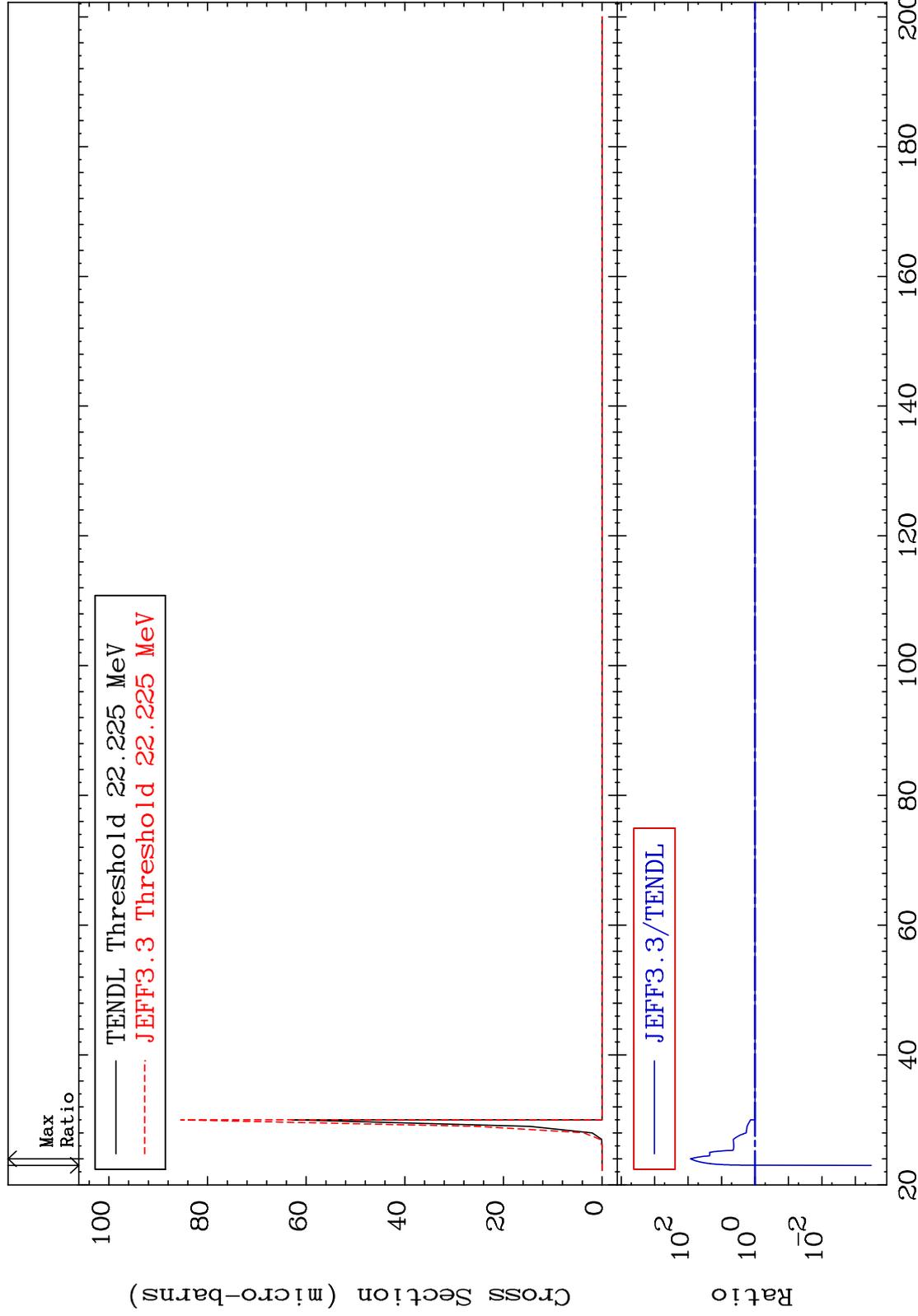
Incident Energy (eV)

52-Te-126

MAT 5243

(n,2n) d  
Cross Section

52-Te-126  
-99.97 To 8359. %



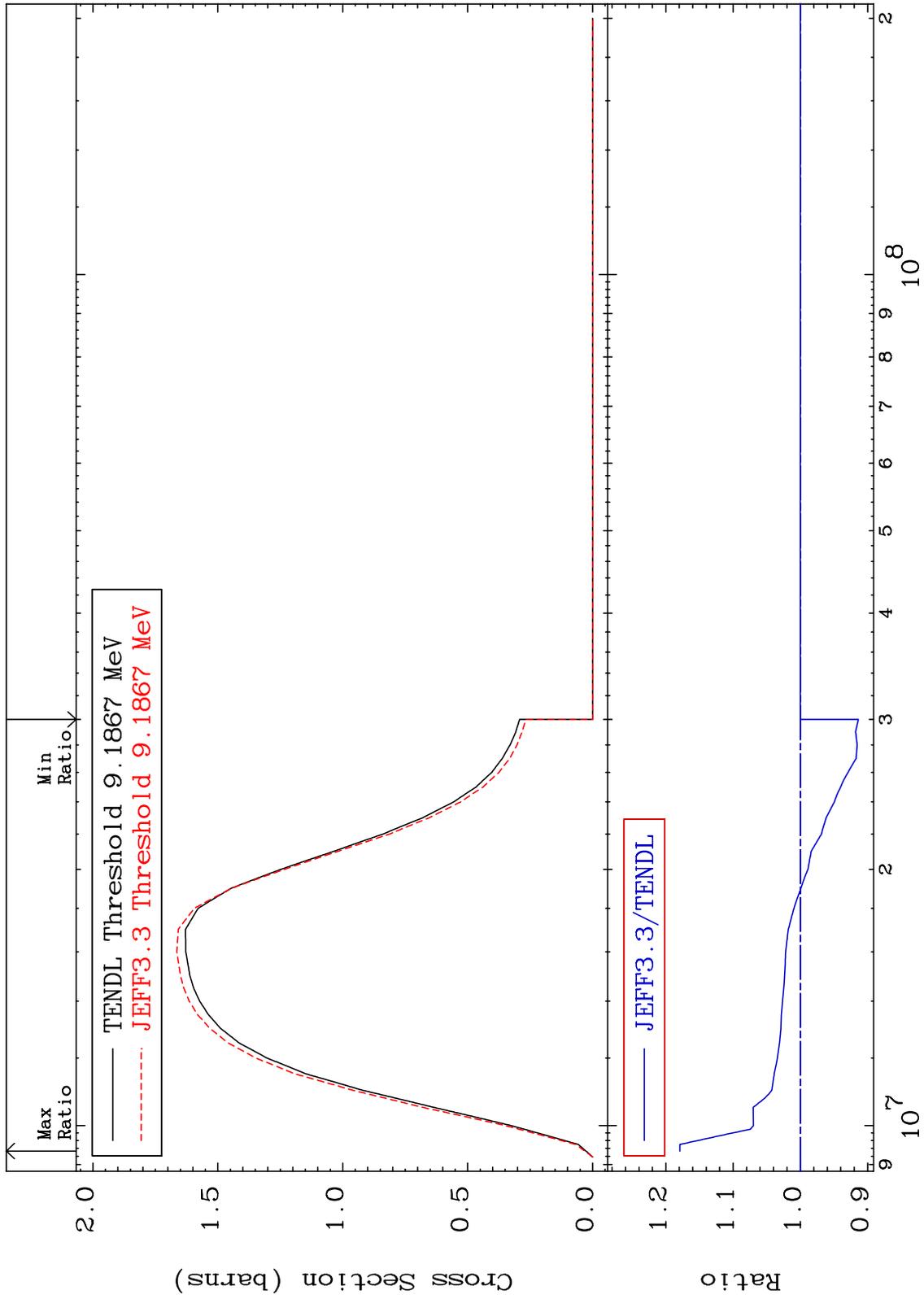
MAT 5243

(n,2n)

52-Te-126

Cross Section

-8.625 To 17.91 %



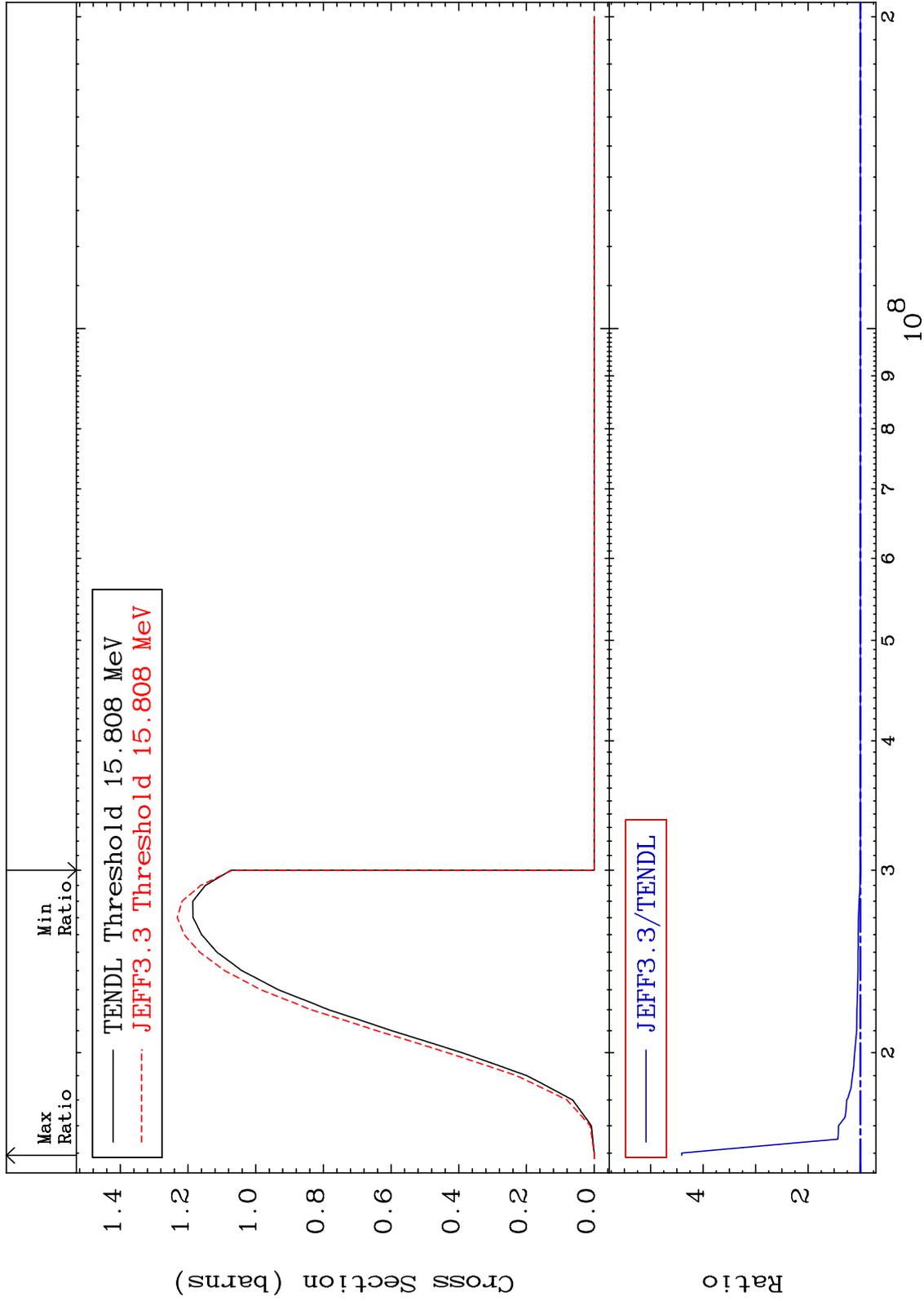
MAT 5243

(n, 3n)

52-Te-126

Cross Section

-0.341 To 340.7 %



6

Incident Energy (eV)

52-Te-126

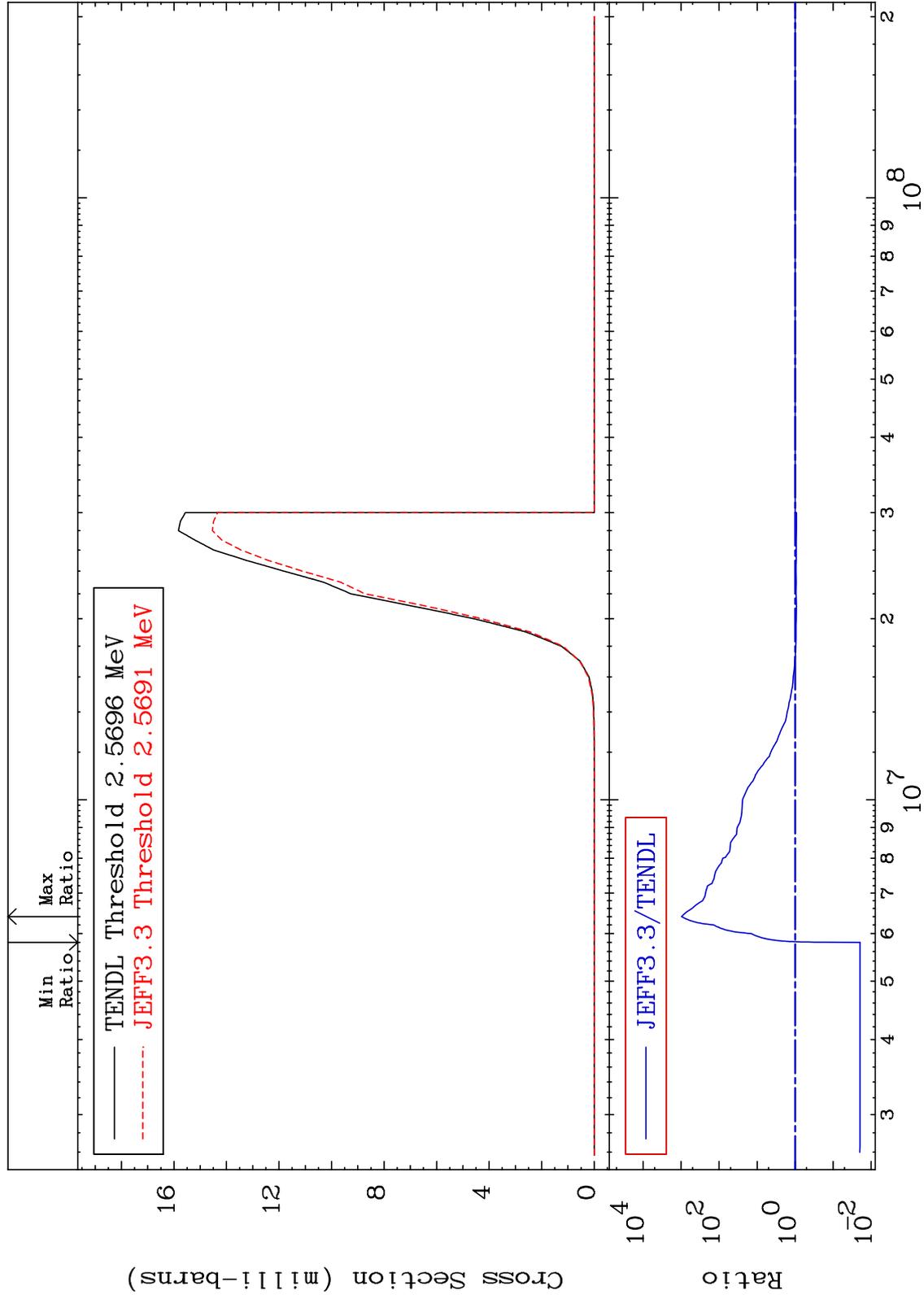
MAT 5243

(n,n')  $\alpha$

52-Te-126

Cross Section

-98.04 To 9999. %



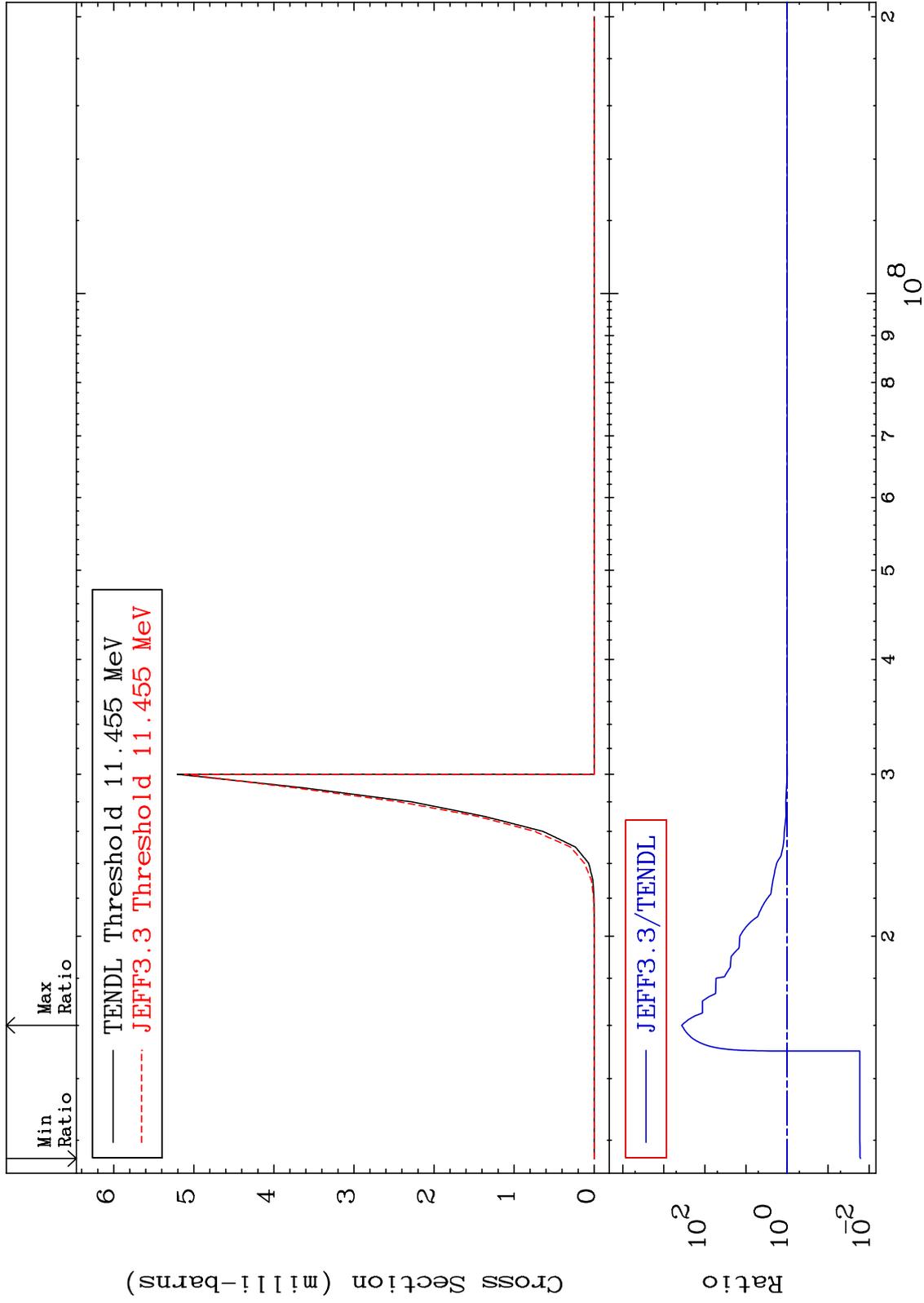
MAT 5243

(n,2n)  $\alpha$

52-Te-126

Cross Section

-98.39 To 9999. %



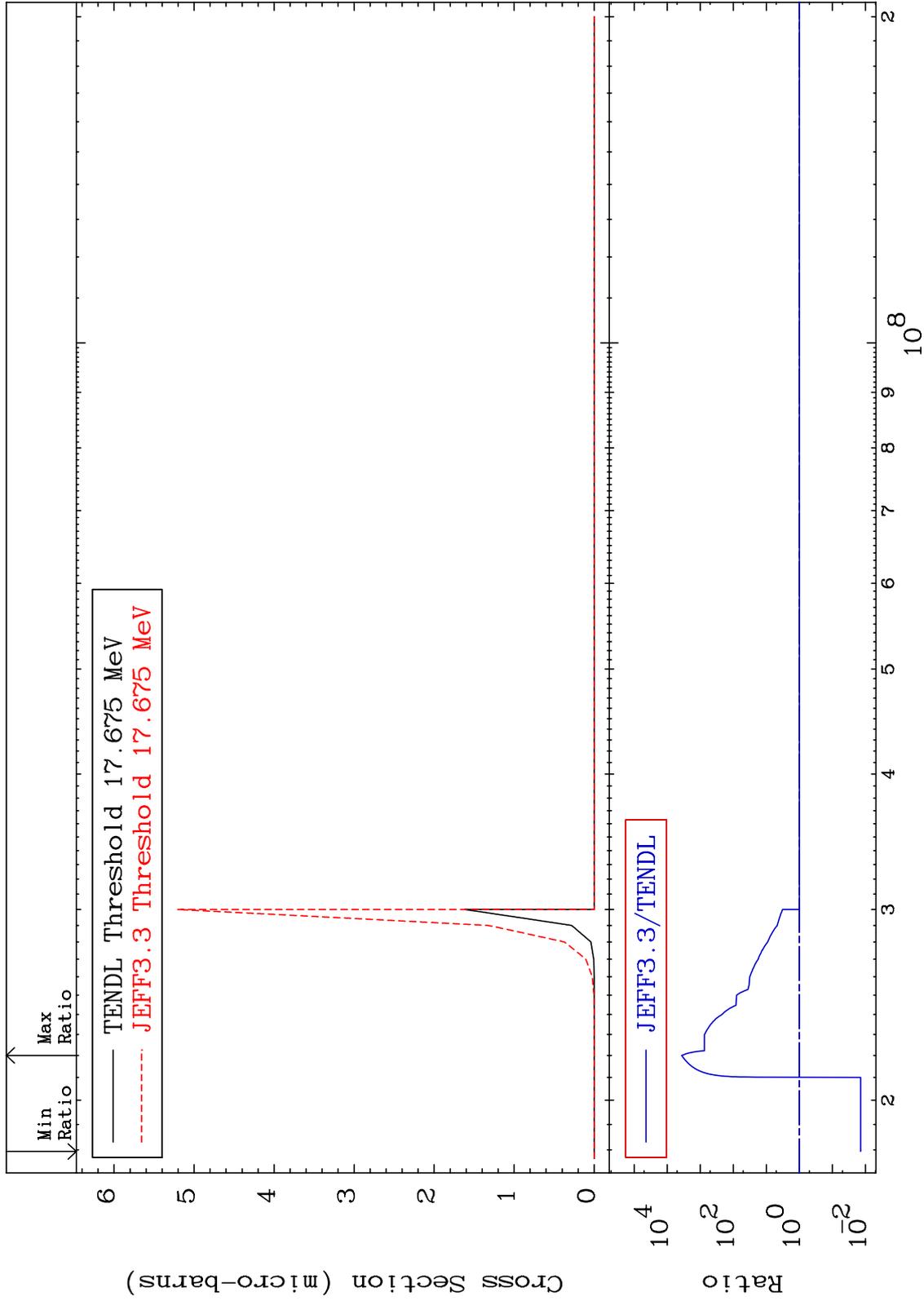
MAT 5243

(n,3n)  $\alpha$

52-Te-126

Cross Section

-98.60 To 9999. %



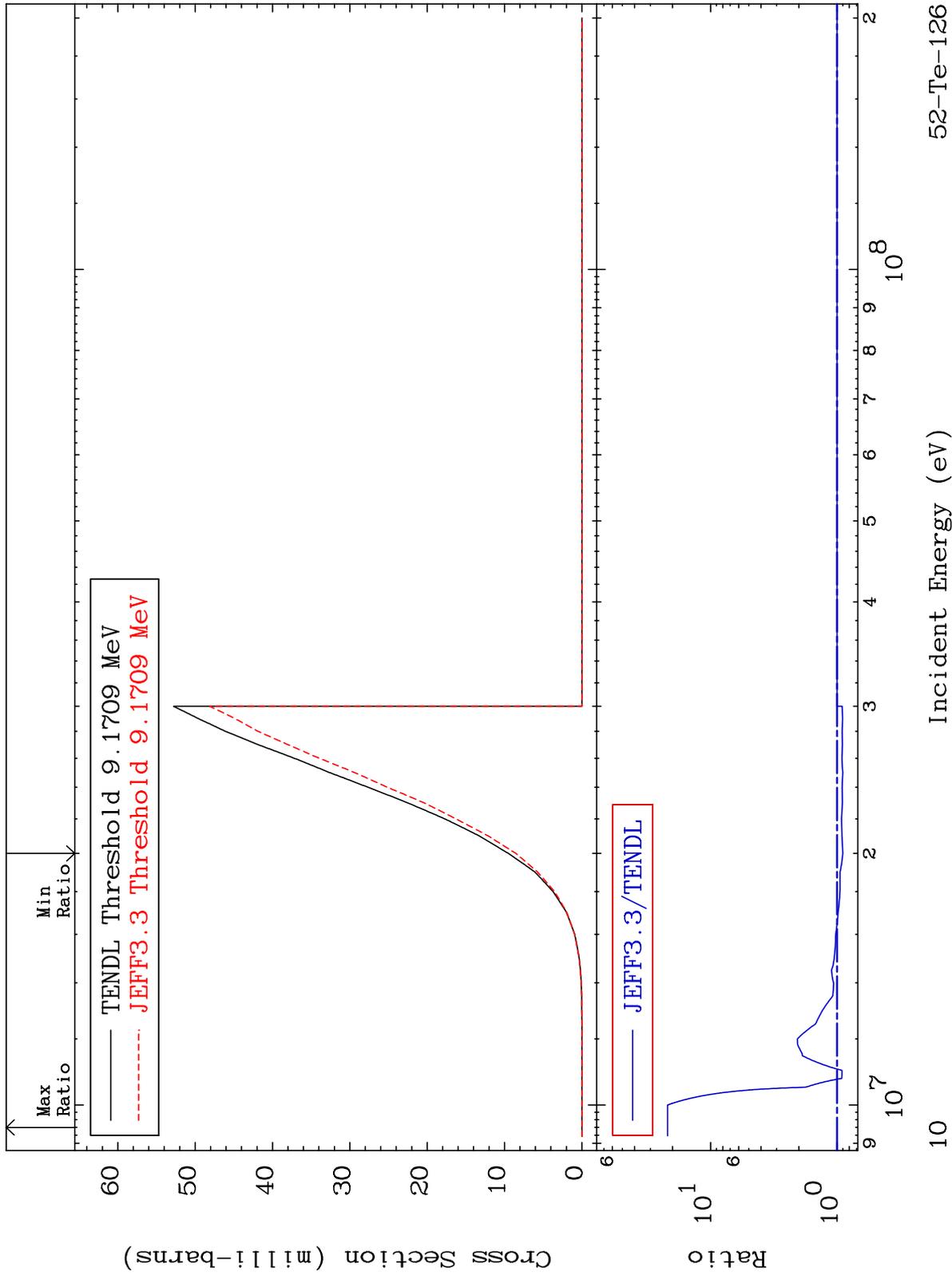
MAT 5243

(n,n') p

52-Te-126

Cross Section

-10.15 To 2089. %



52-Te-126

Incident Energy (eV)

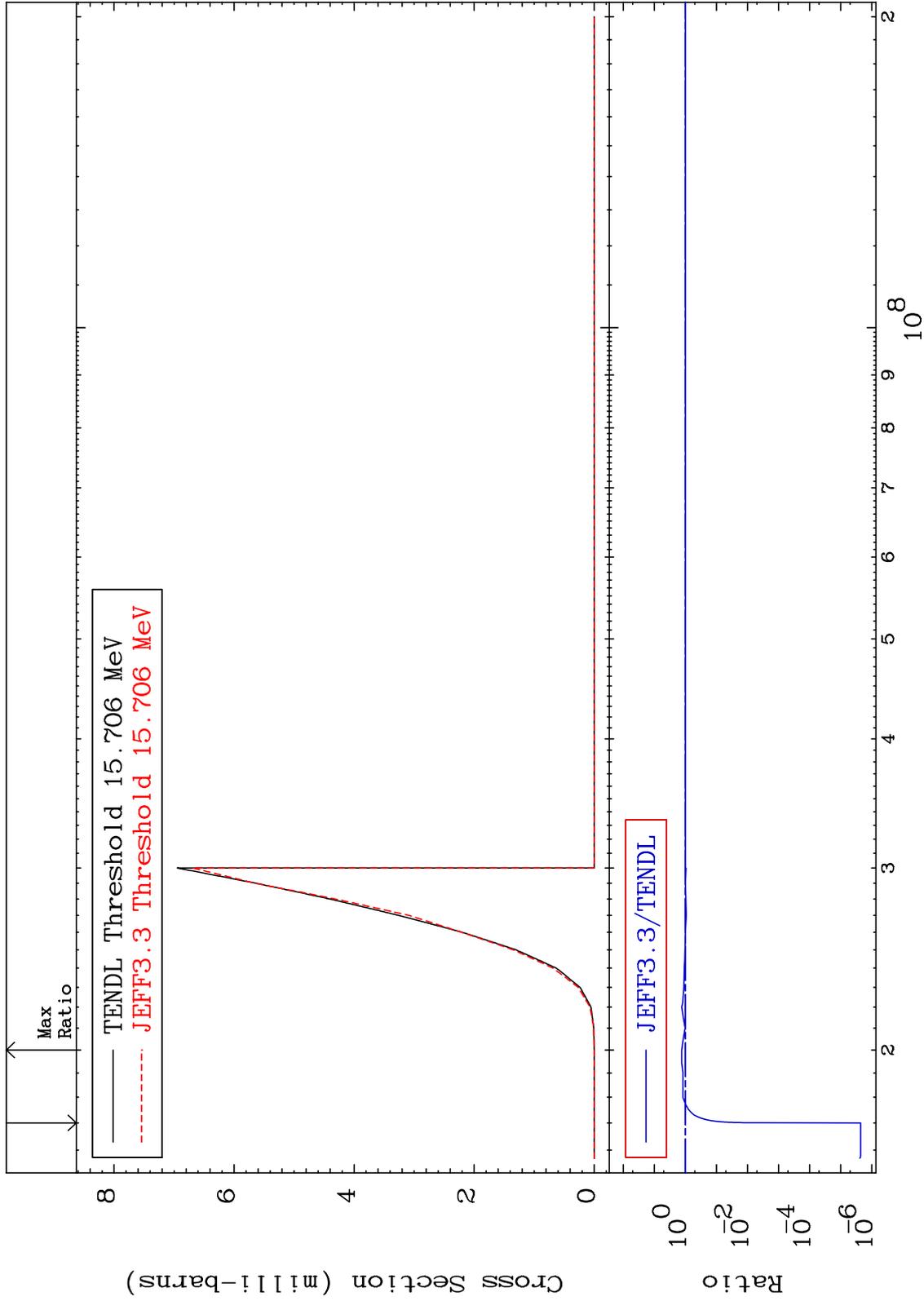
MAT 5243

(n, n') d

52-Te-126

Cross Section

-100.0 To 31.73 %



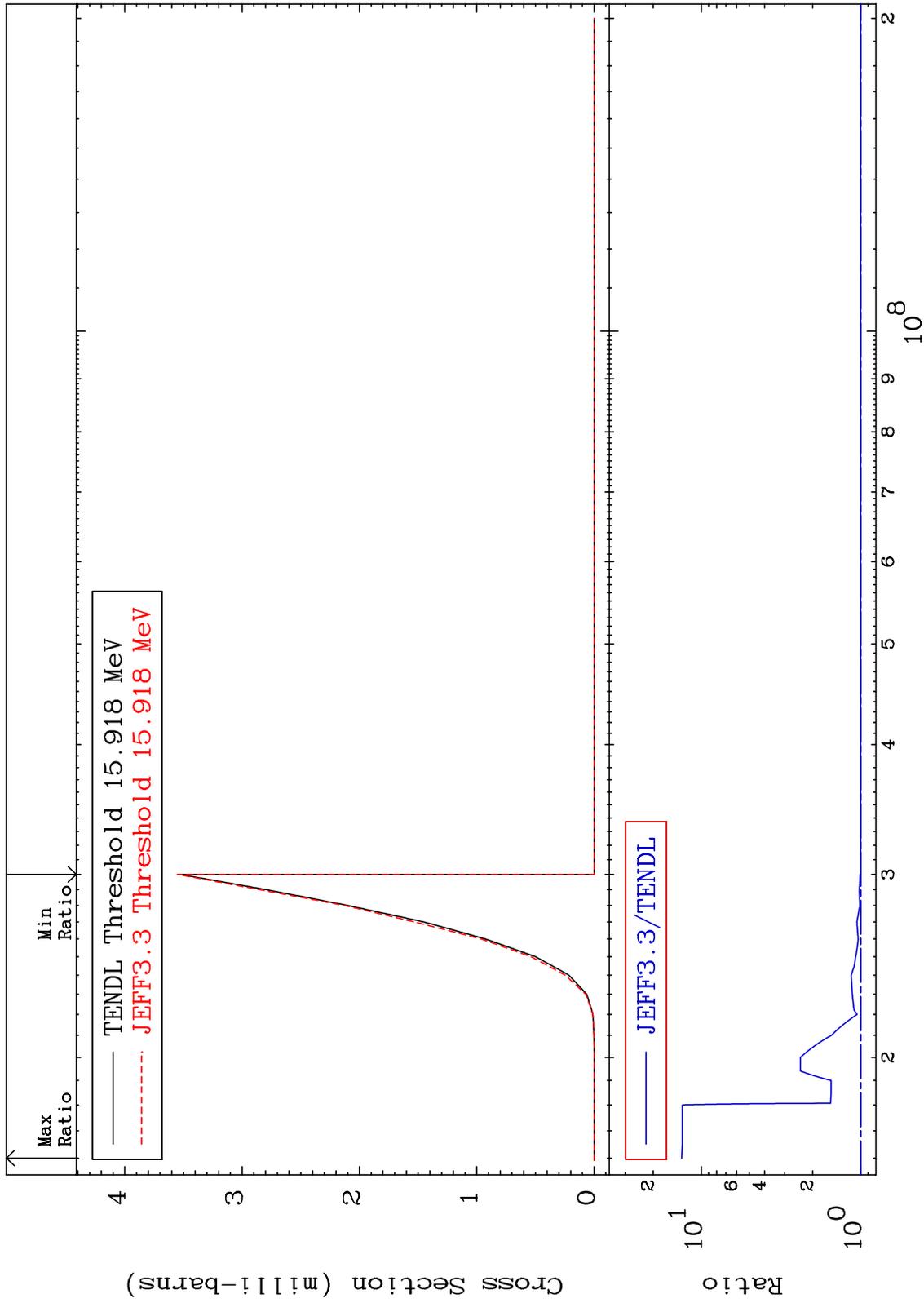
MAT 5243

(n,n') t

52-Te-126

Cross Section

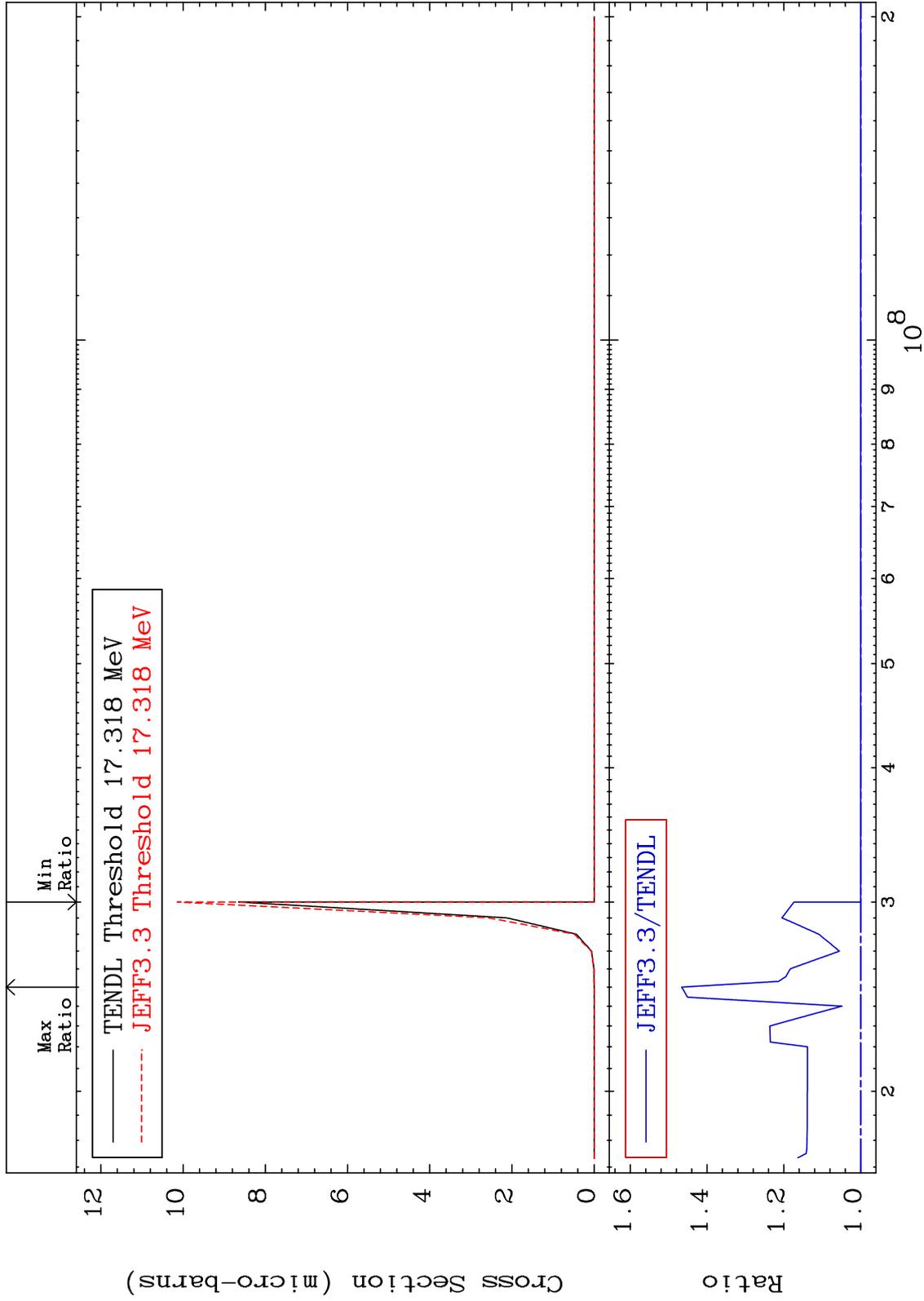
0.000 To 1226. %



MAT 5243

(n, n') He-3  
Cross Section

52-Te-126  
To 46.61 %  
0.000



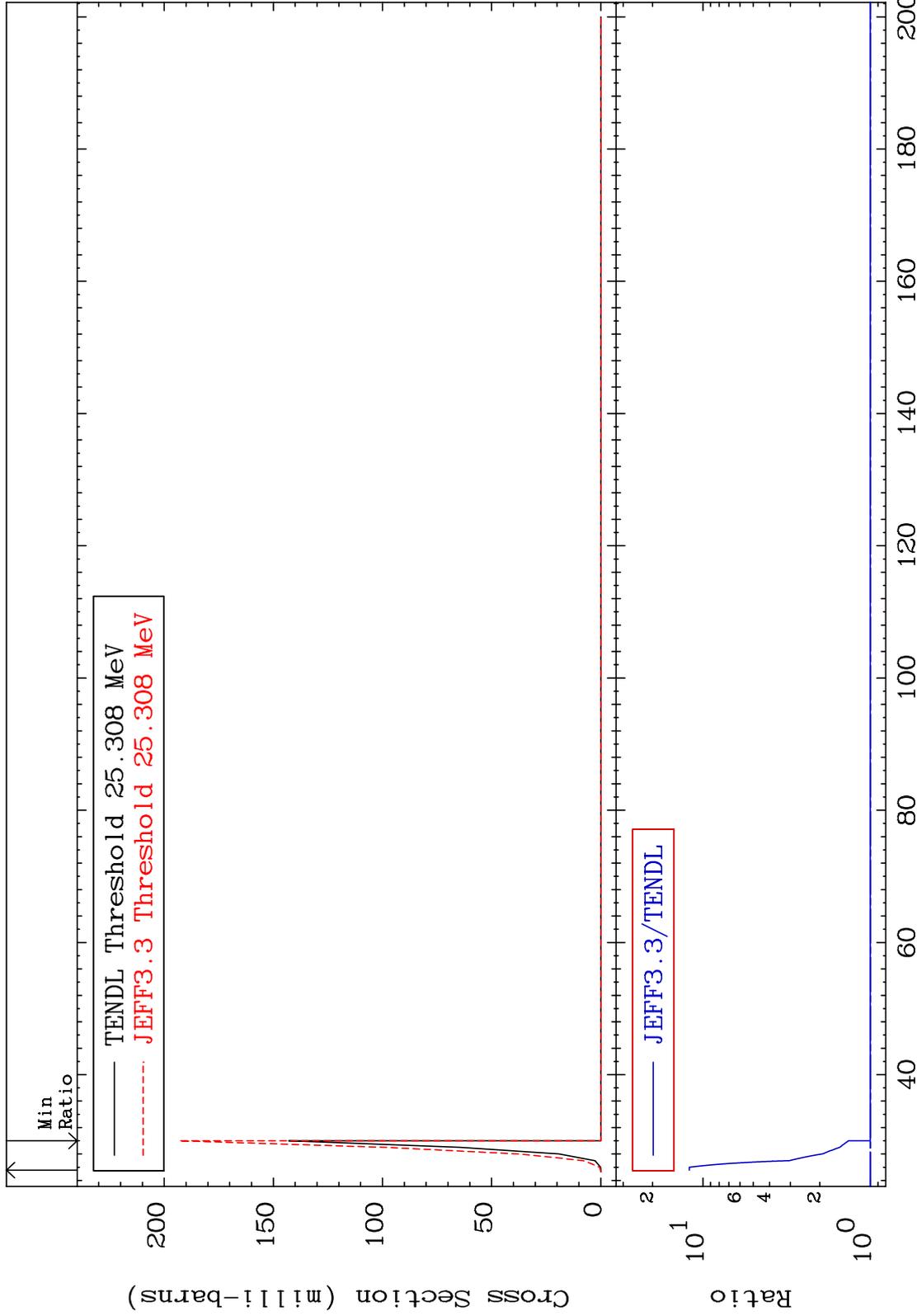
MAT 5243

(n, 4n)

52-Te-126

Cross Section

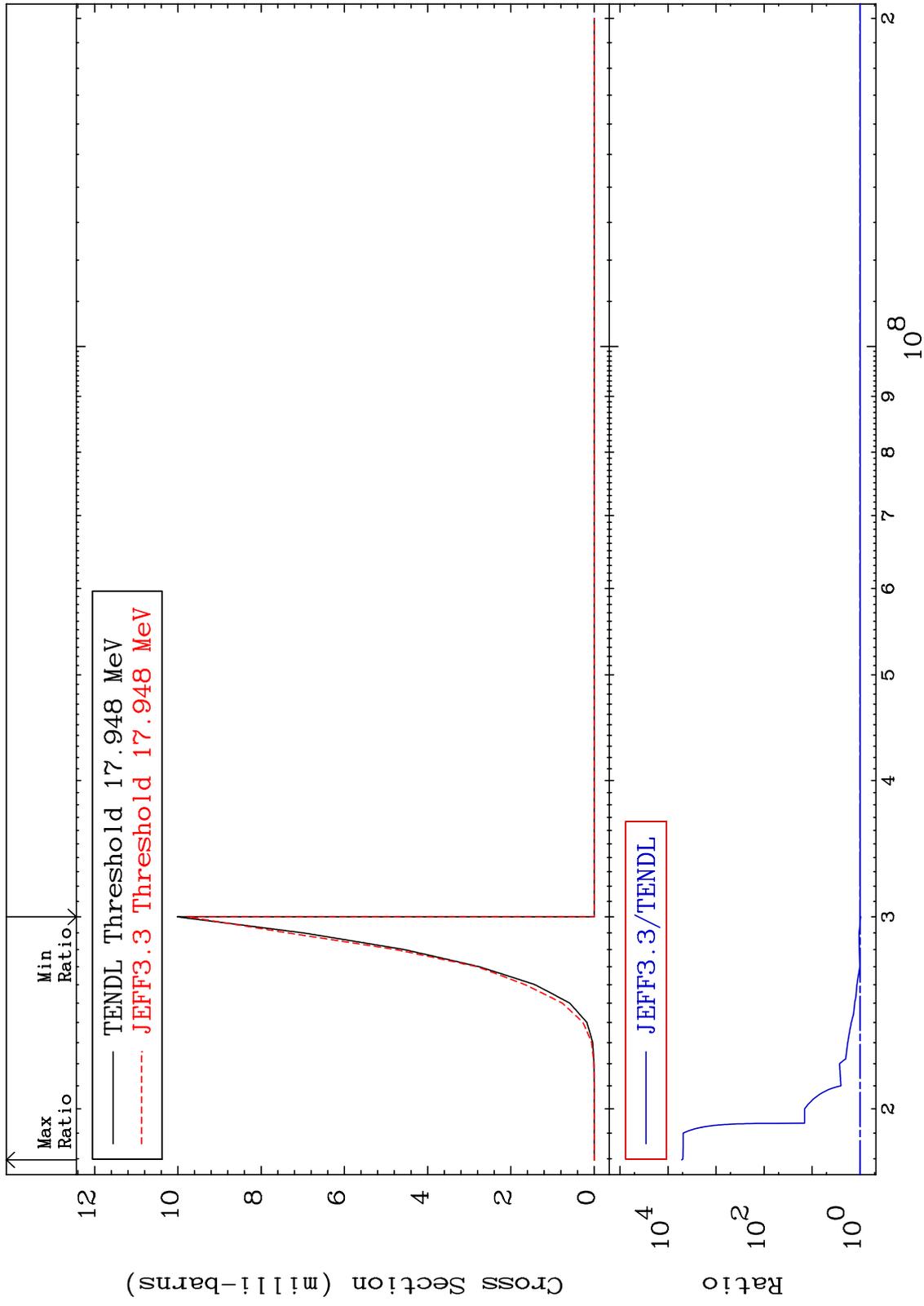
0.000 To 1105. %



MAT 5243

(n,2n) p  
Cross Section

52-Te-126  
-2.404 To 9999. %



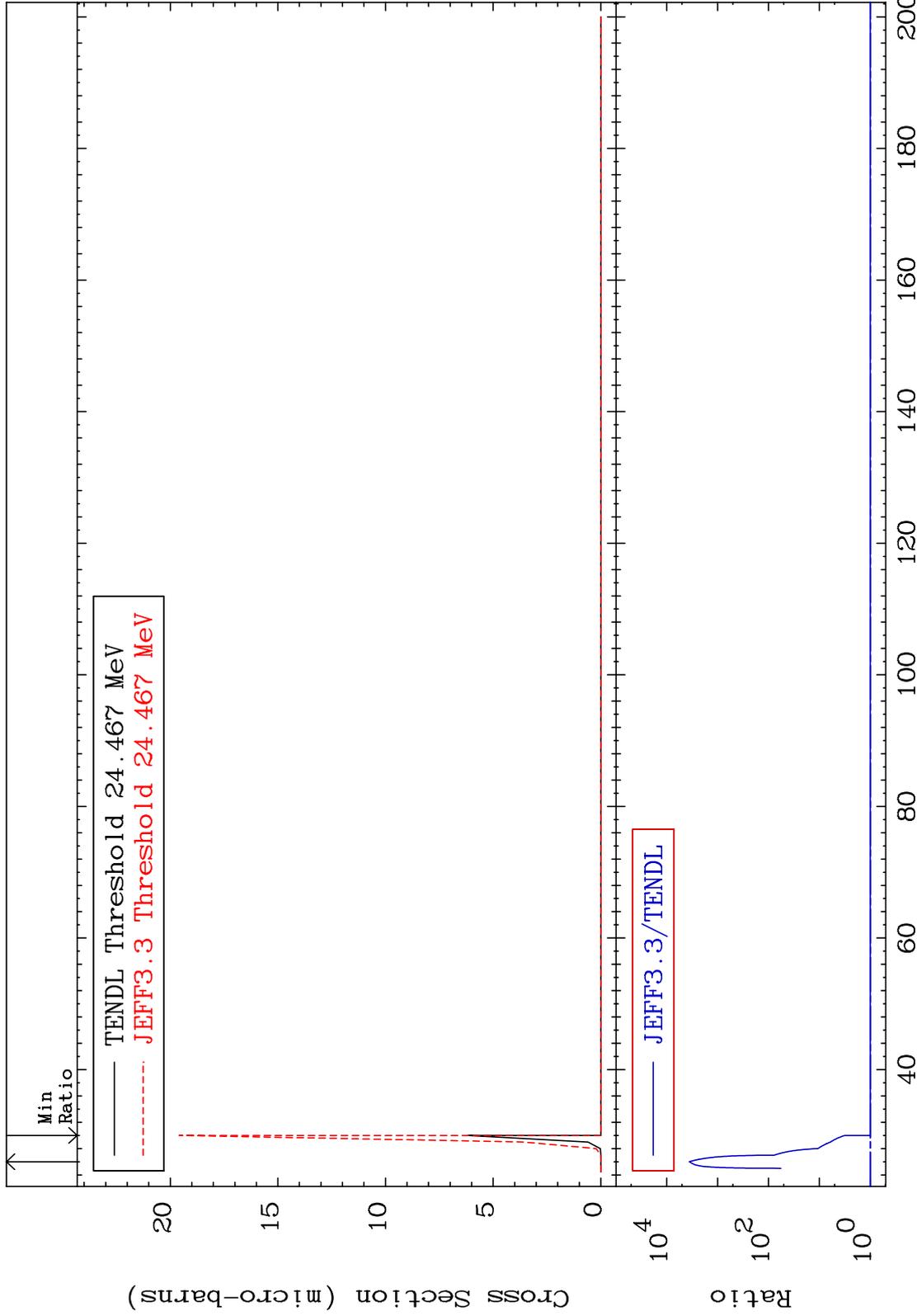
MAT 5243

(n,3n) p

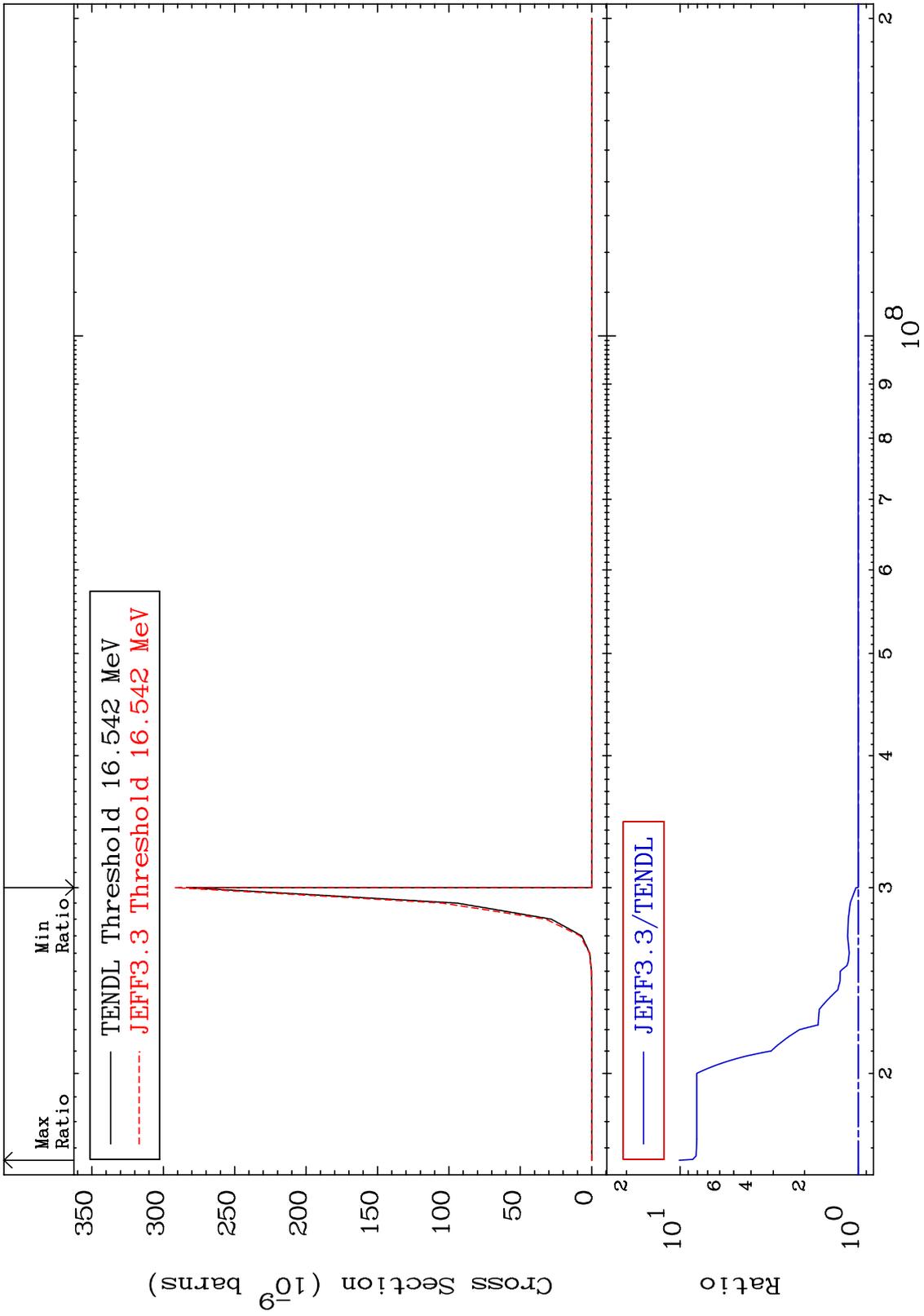
52-Te-126

Cross Section

0.000 To 9999. %



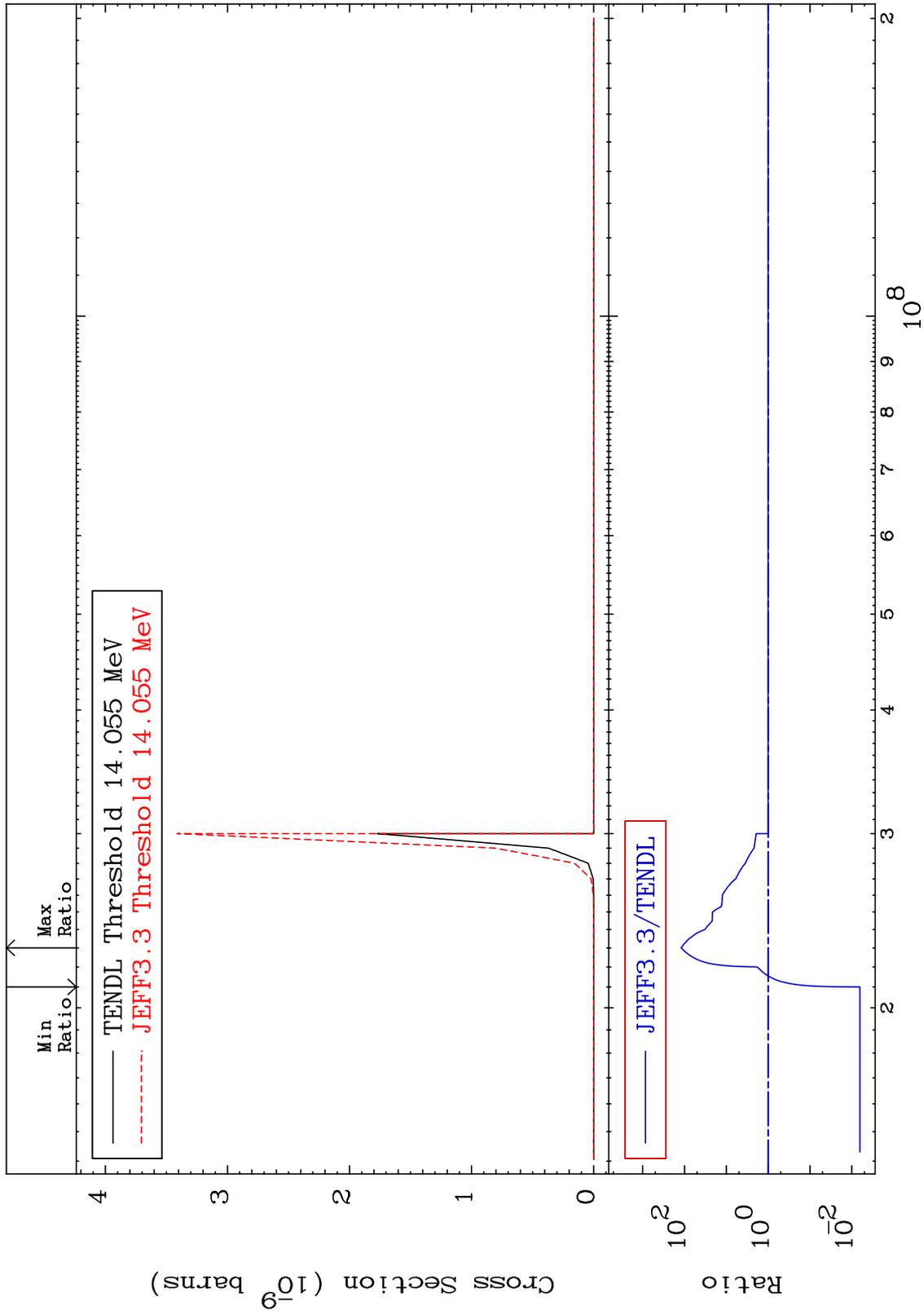
MAT 5243 (n,2n) p 52-Te-126  
 Cross Section 0.000 To 910.8 %



MAT 5243

(n,n') p  $\alpha$   
Cross Section

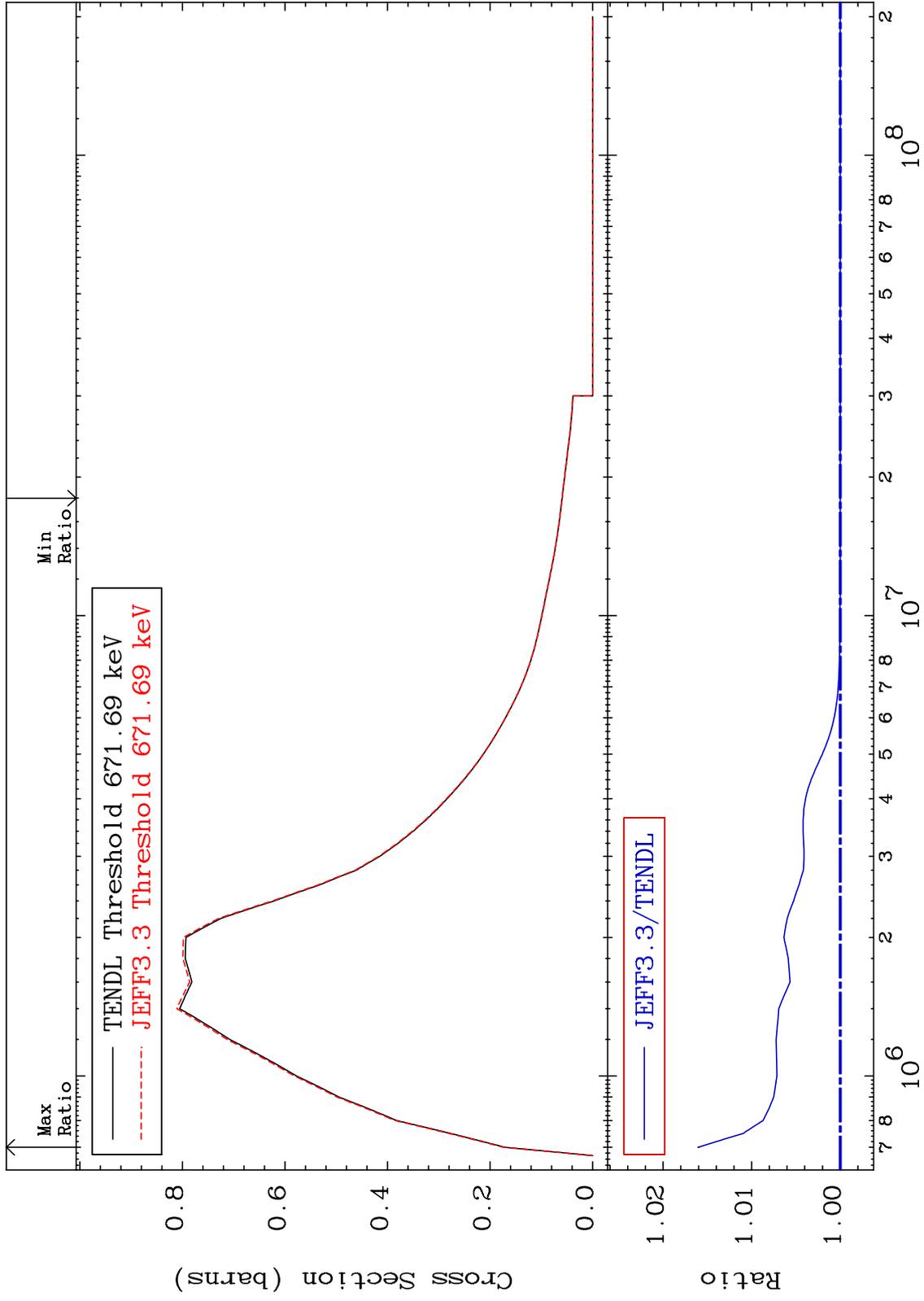
52-Te-126  
-99.36 To 9999. %



MAT 5243

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

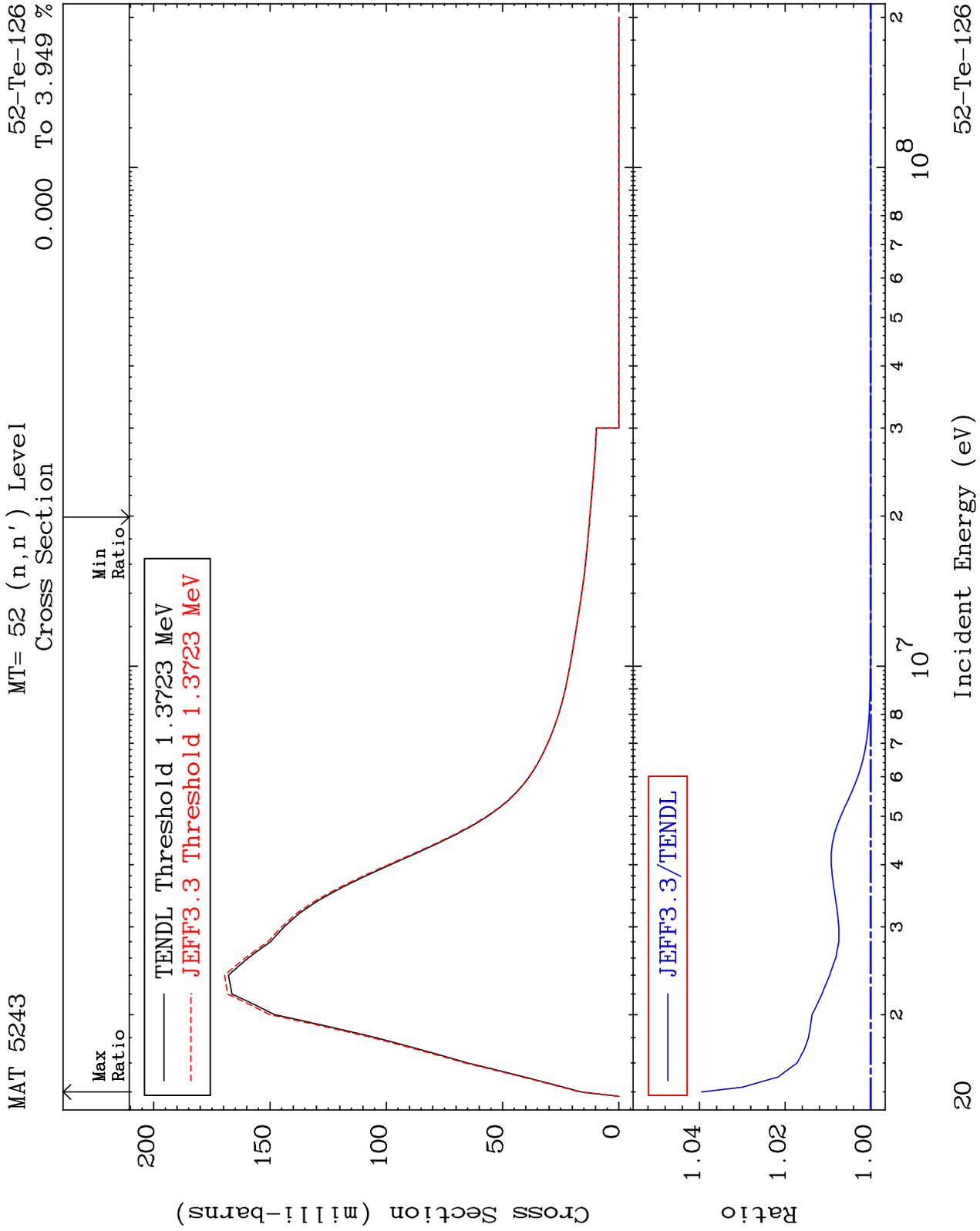
52-Te-126  
0.000 To 1.604 %



19

Incident Energy (eV)

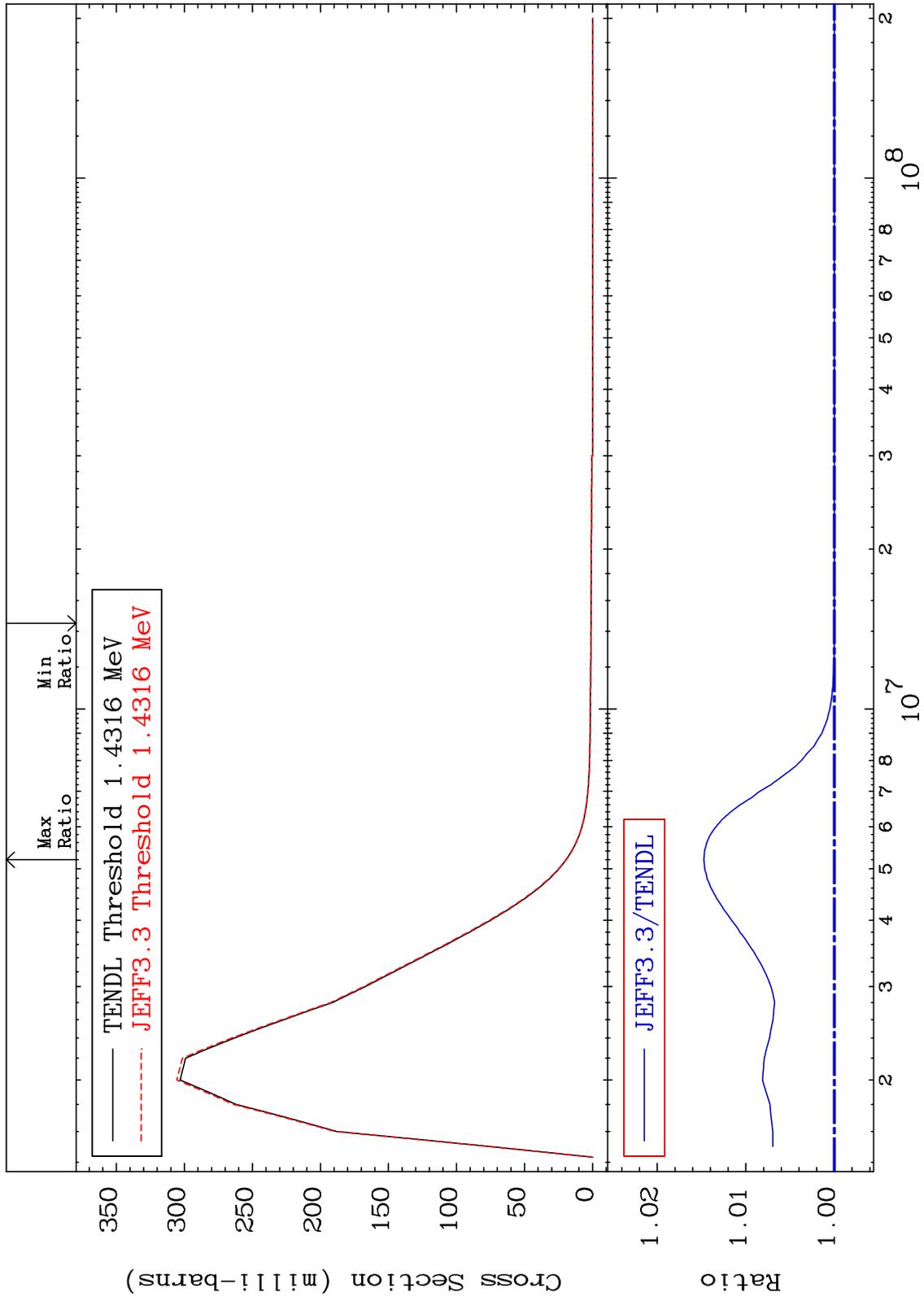
52-Te-126



MAT 5243

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

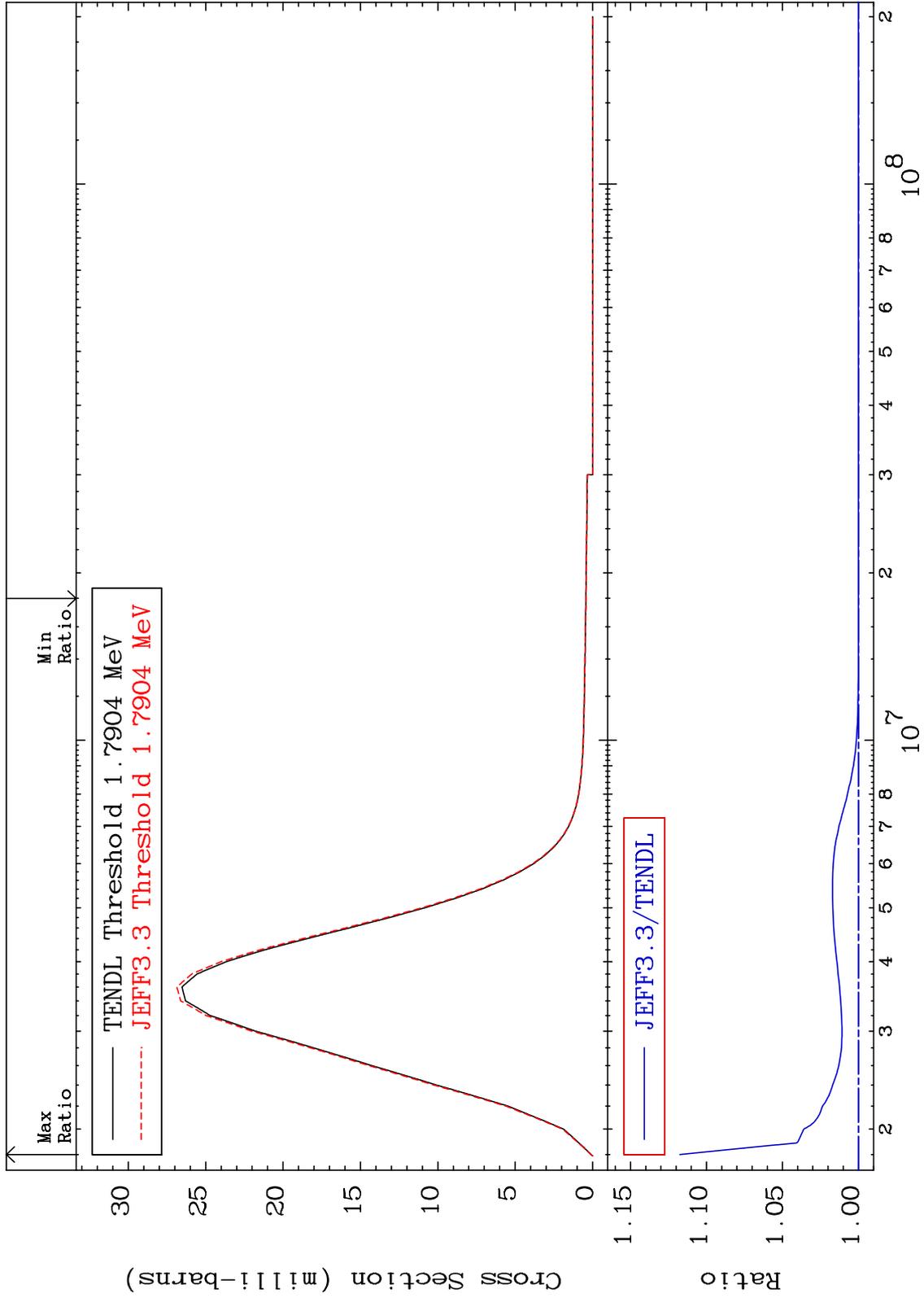
52-Te-126  
0.000 To 1.473 %



MAT 5243

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

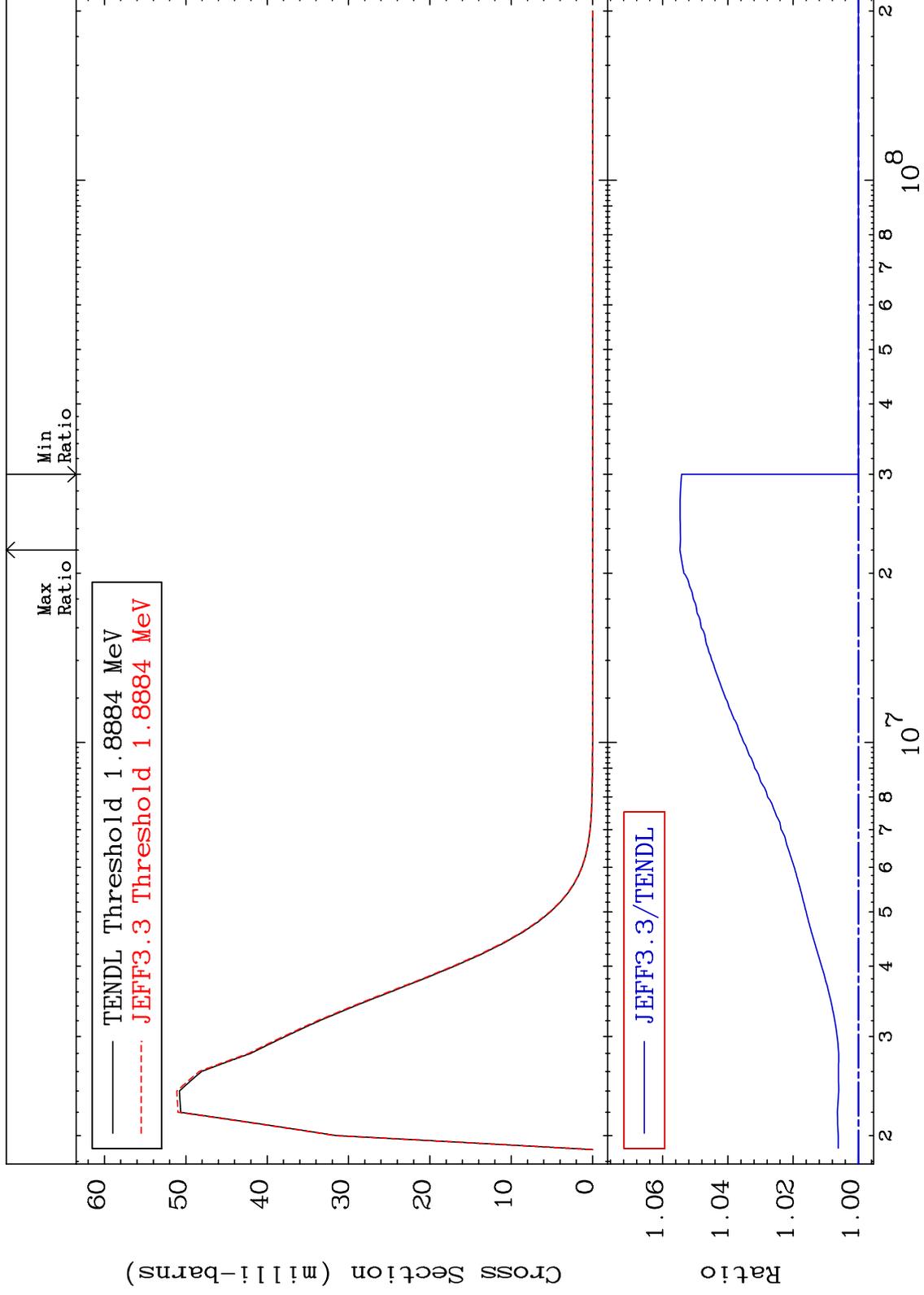
52-Te-126  
0.000 To 11.75 %



MAT 5243

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

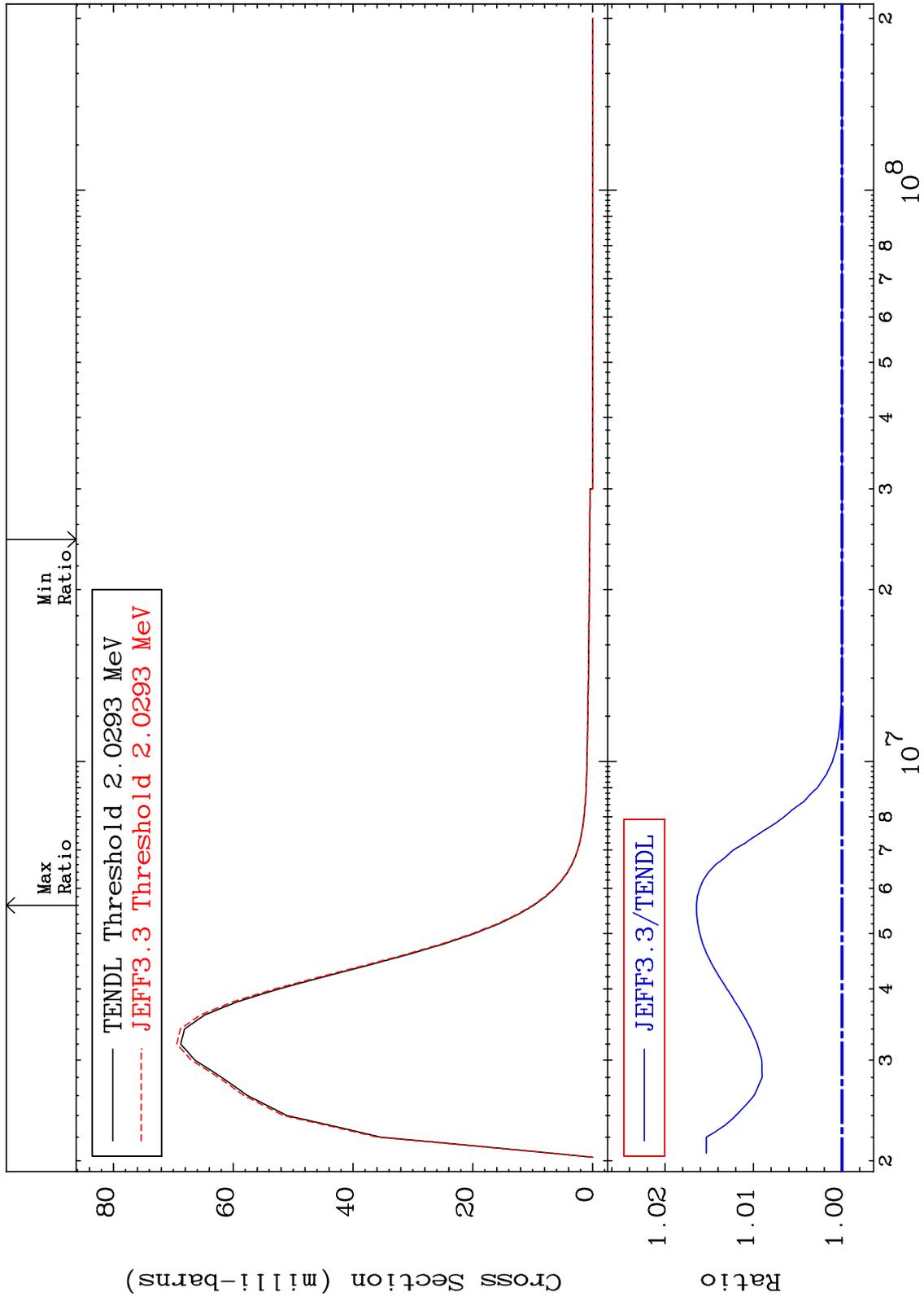
52-Te-126  
0.000 To 5.472 %



MAT 5243

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

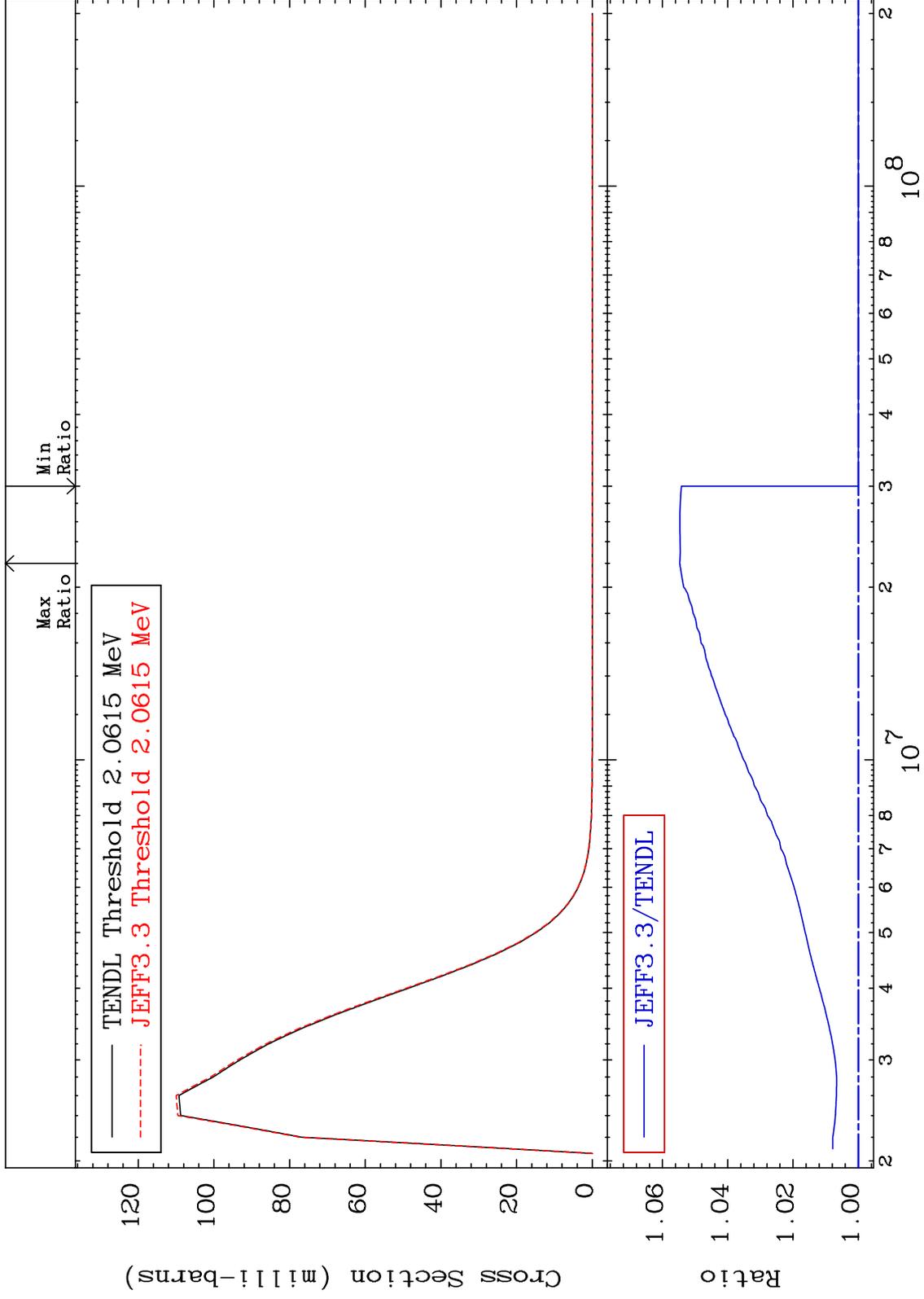
52-Te-126  
0.000 To 1.645 %



MAT 5243

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

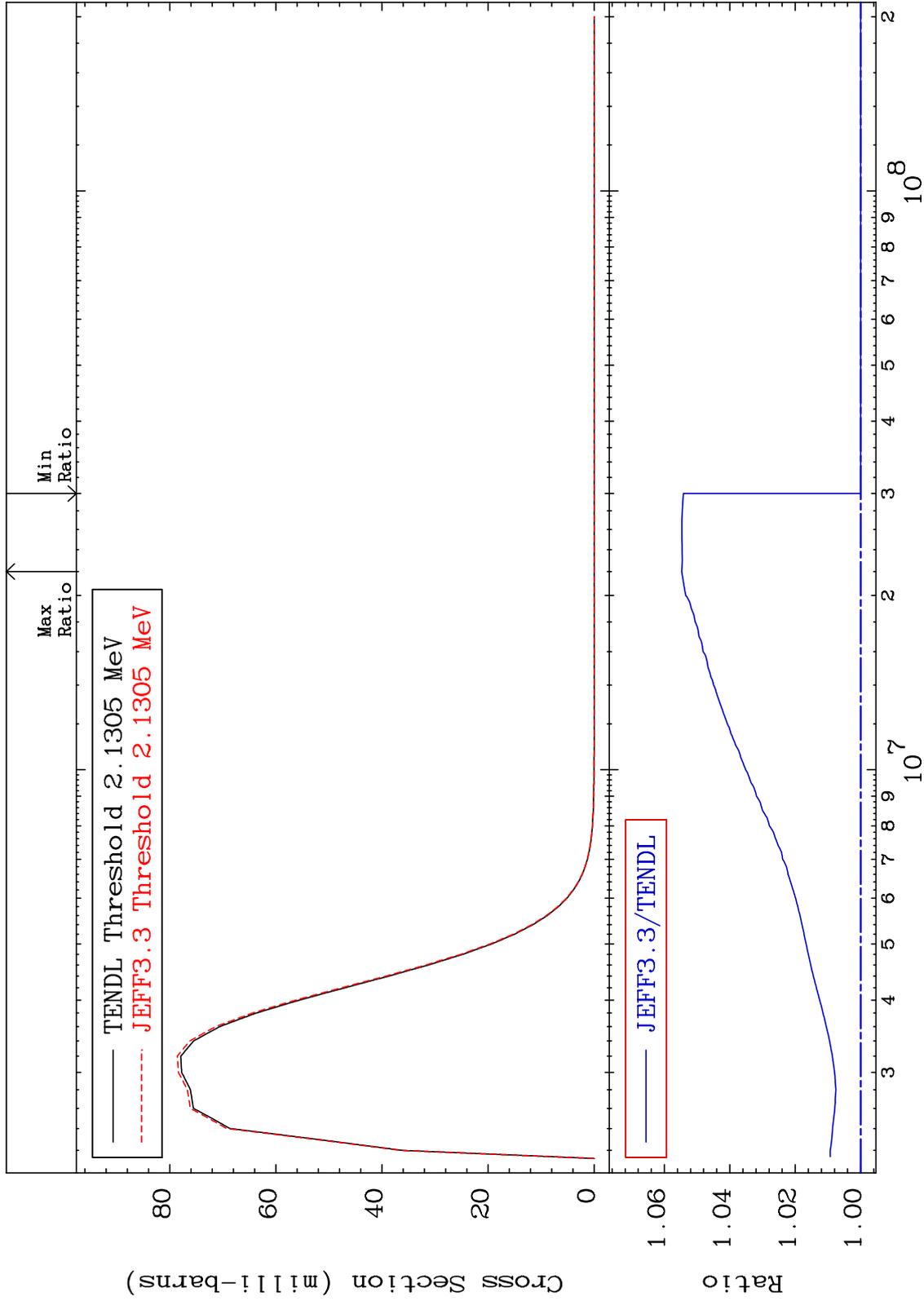
52-Te-126  
0.000 To 5.472 %



MAT 5243

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

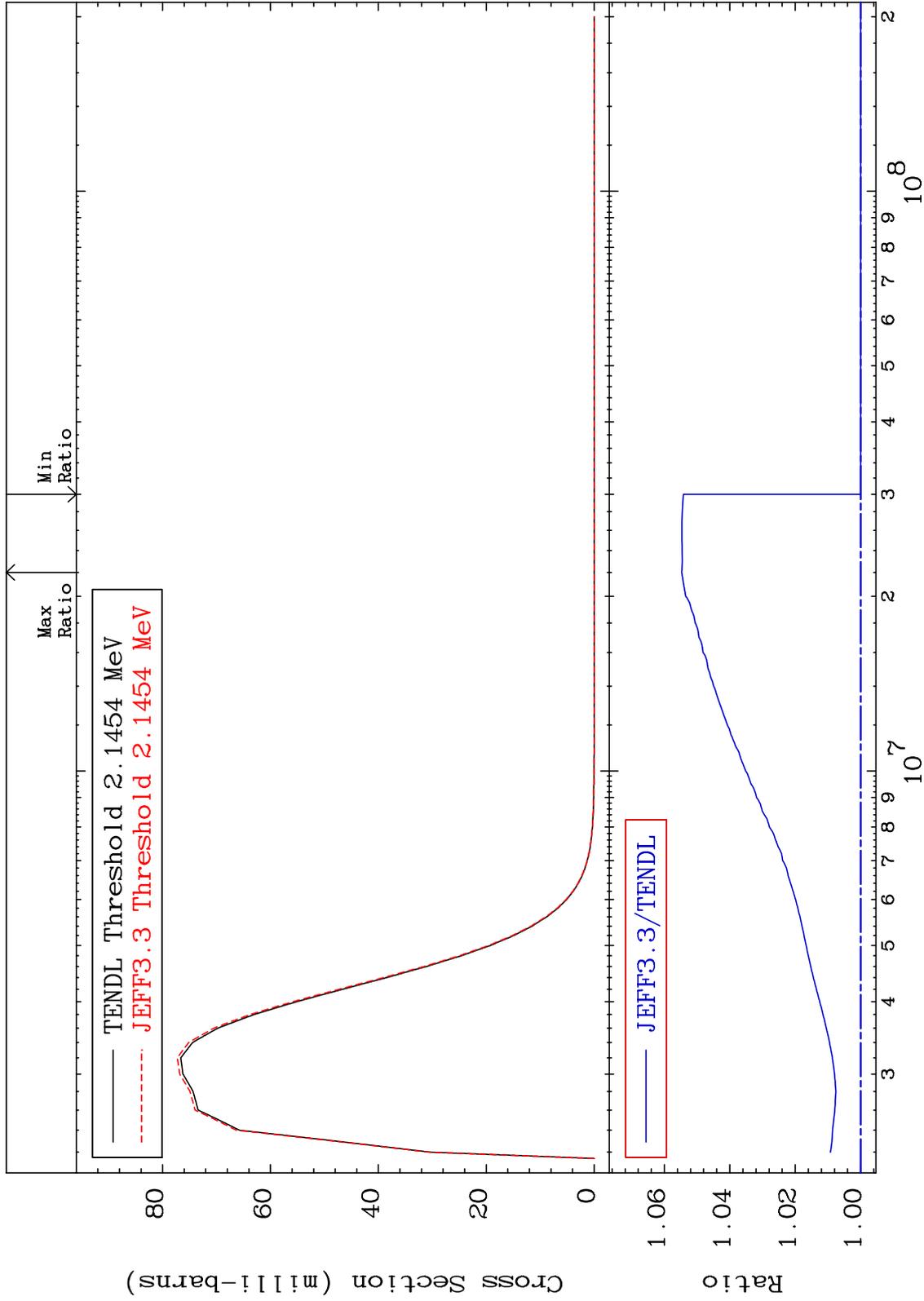
52-Te-126  
To 5.470 %



MAT 5243

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

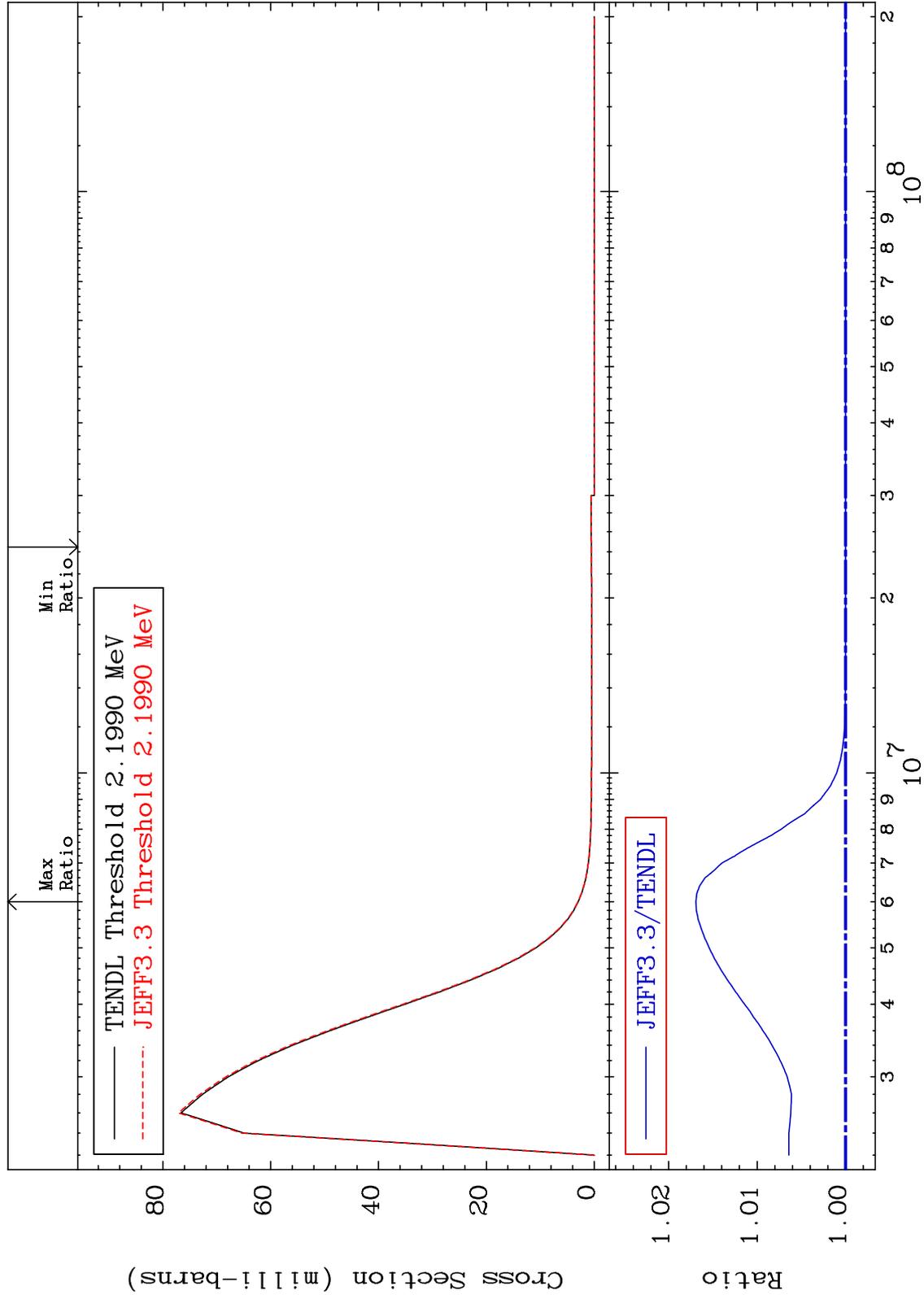
52-Te-126  
To 5.470 %



MAT 5243

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

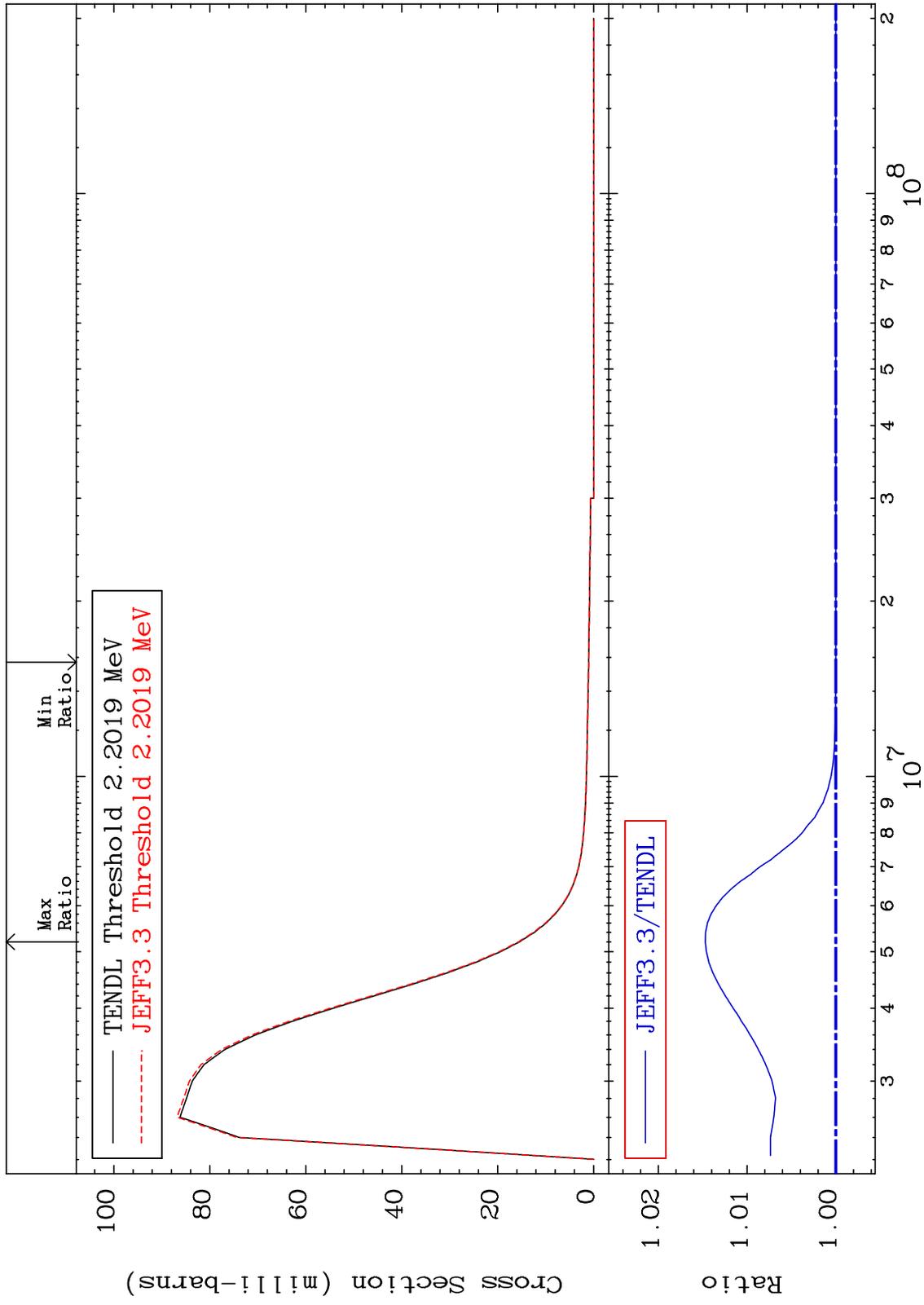
52-Te-126  
0.000 To 1.691 %

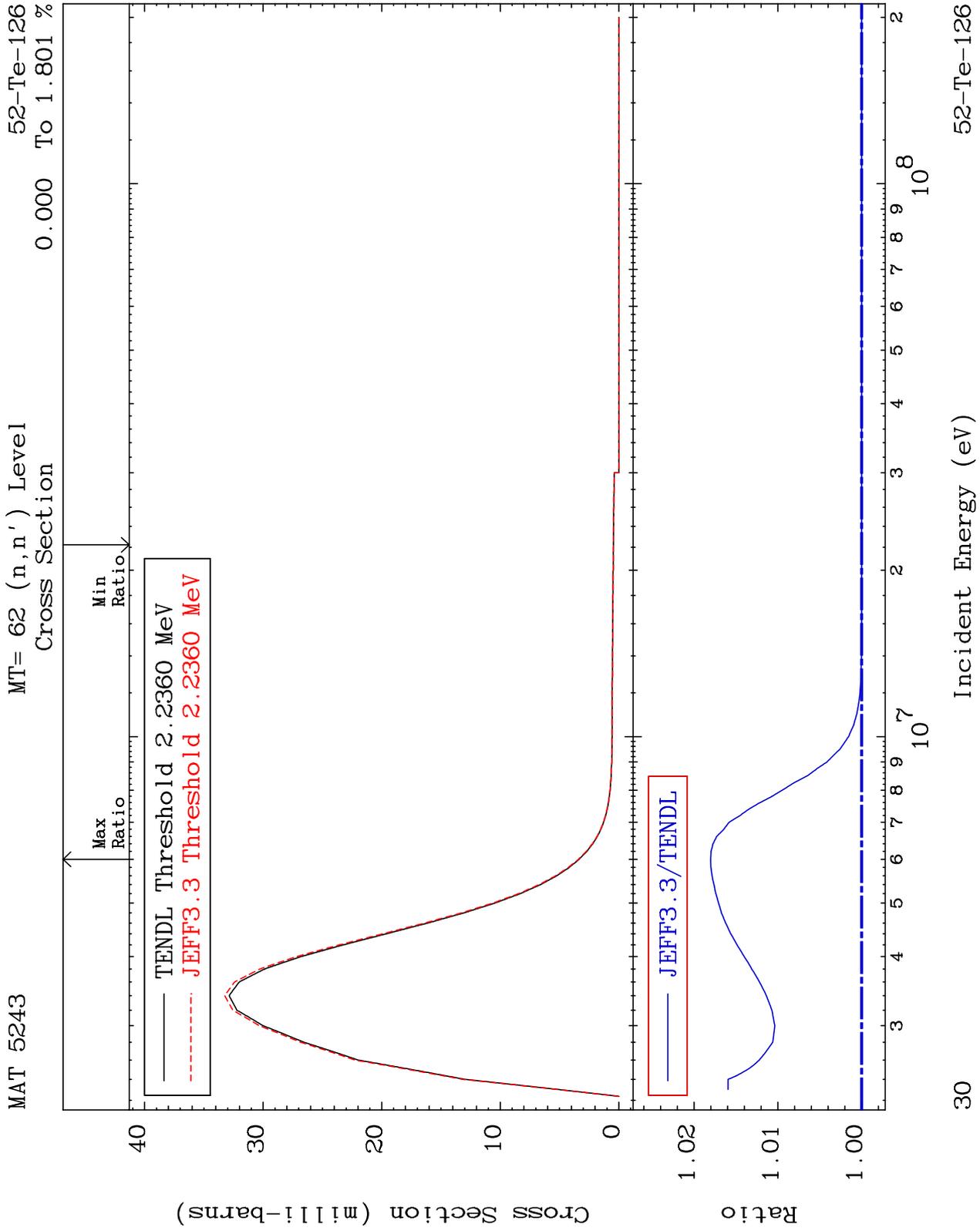


MAT 5243

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

52-Te-126  
To 1.472 %  
0.000

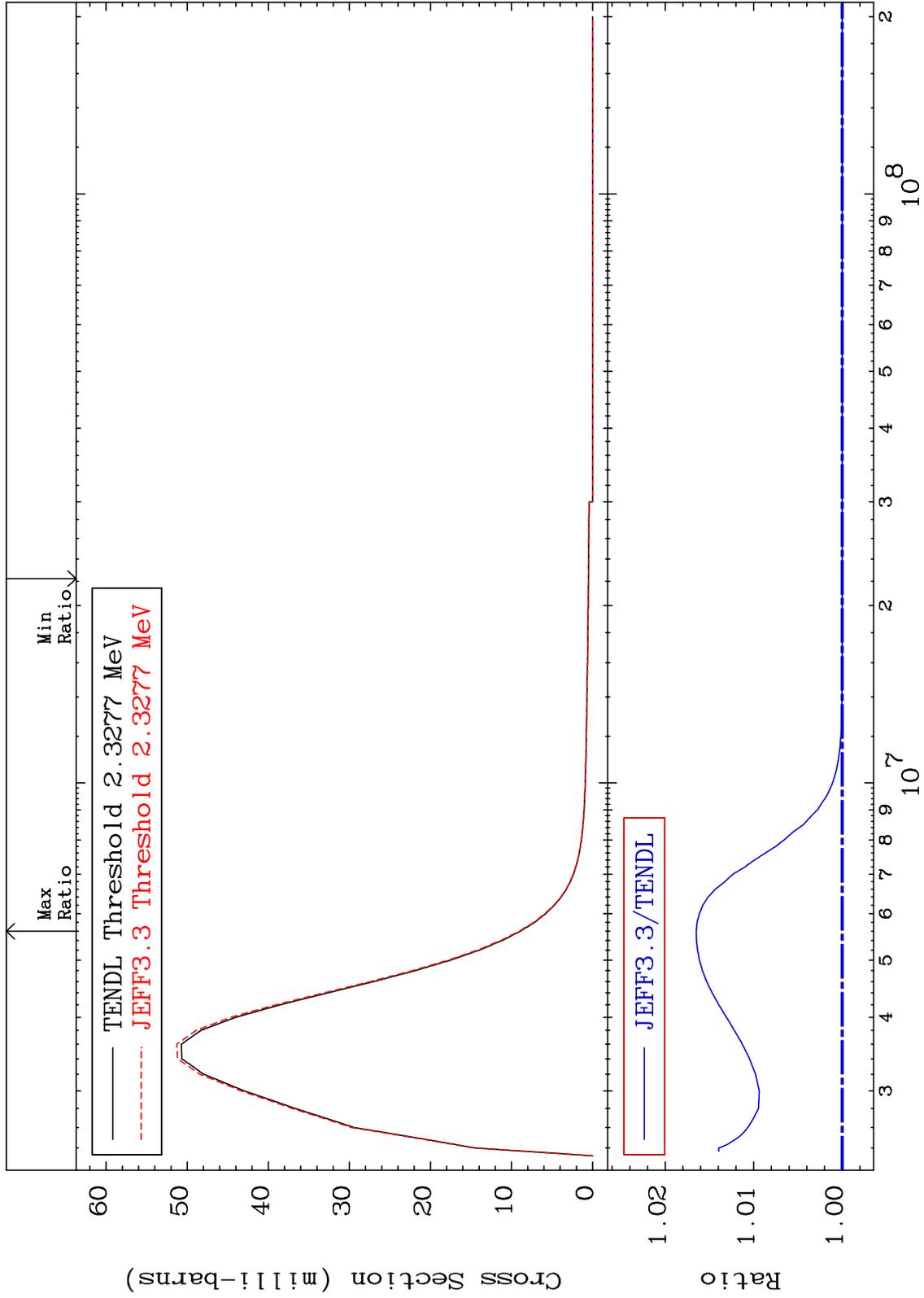




MAT 5243

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

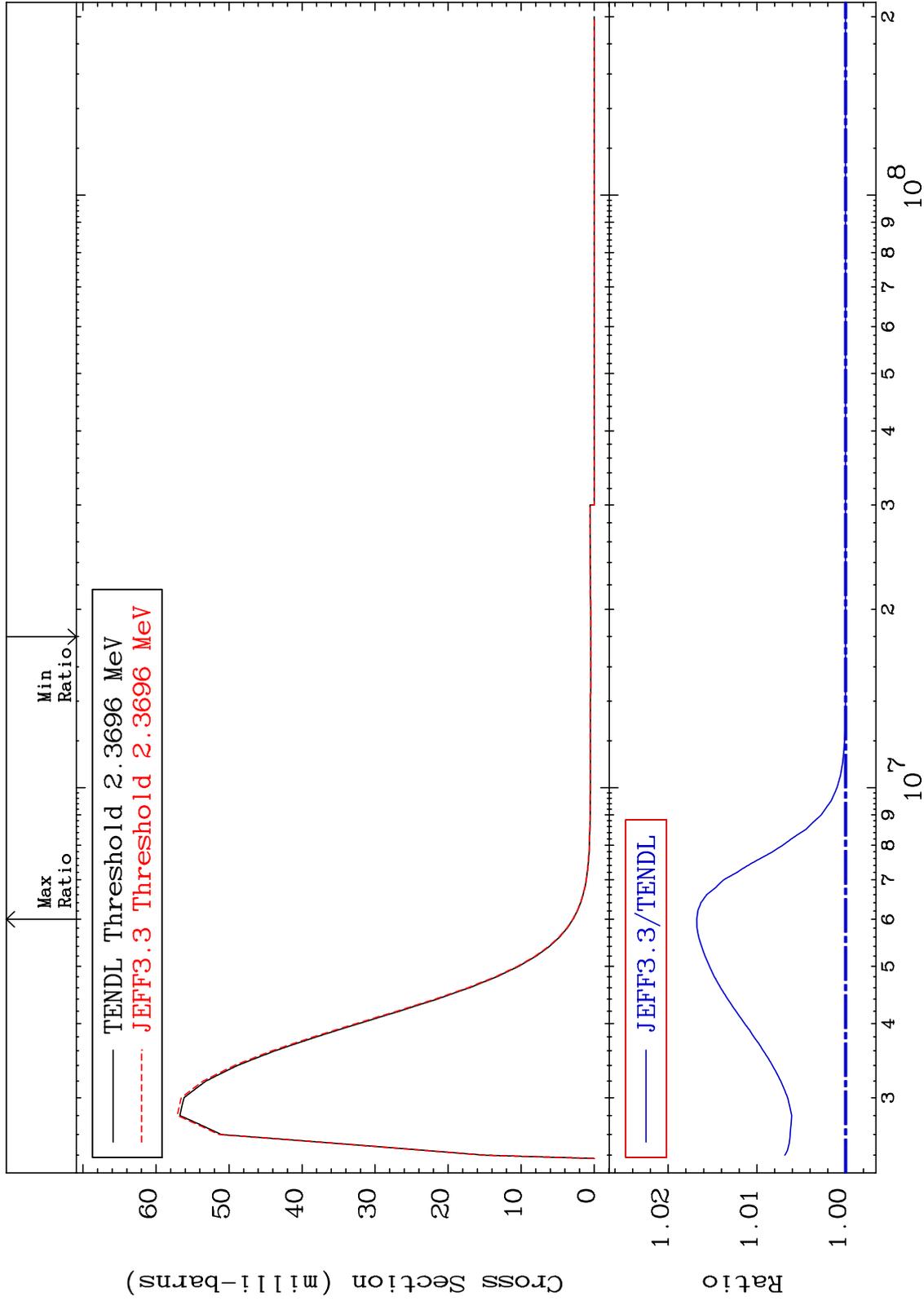
52-Te-126  
To 1.650 %  
0.000



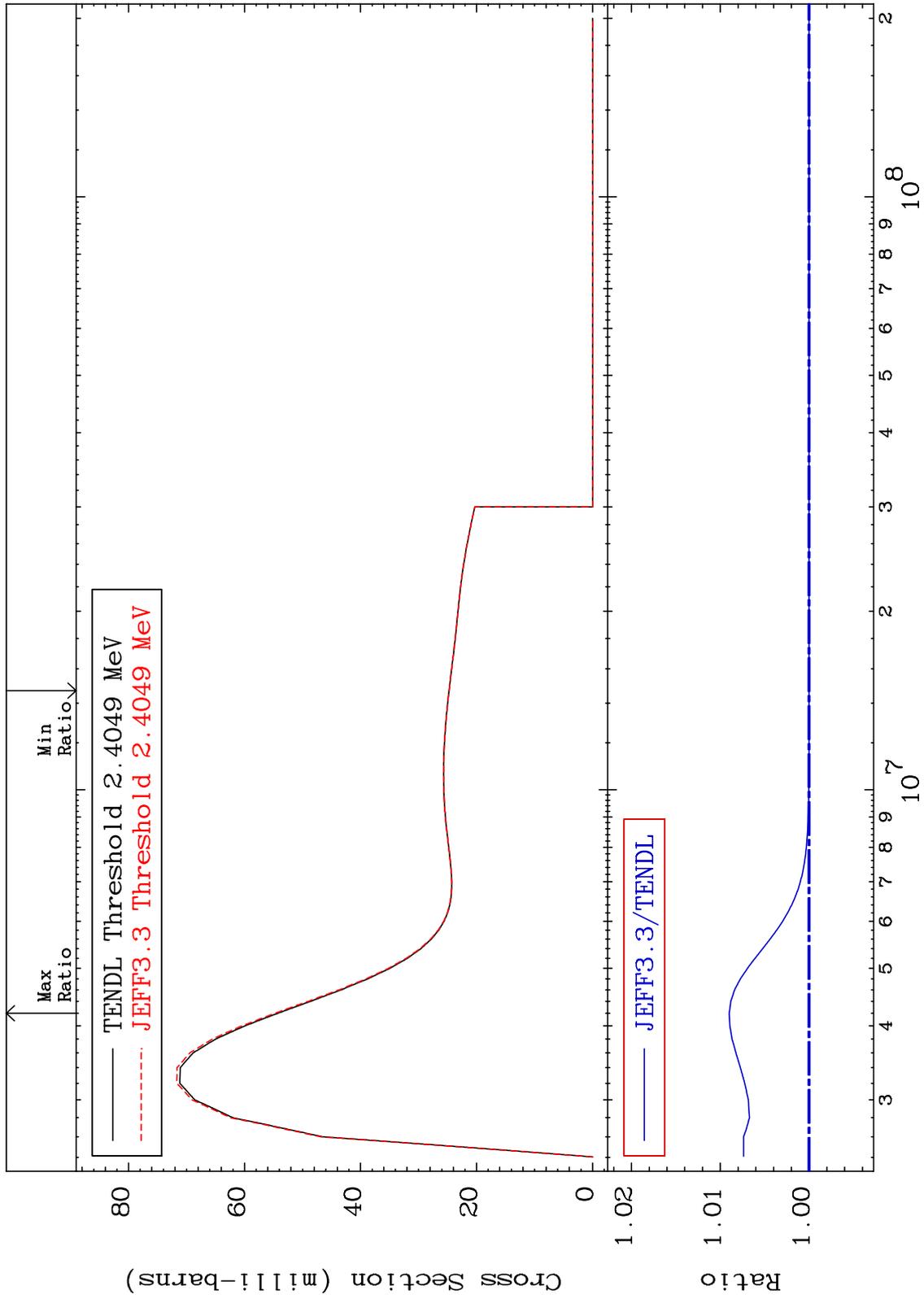
MAT 5243

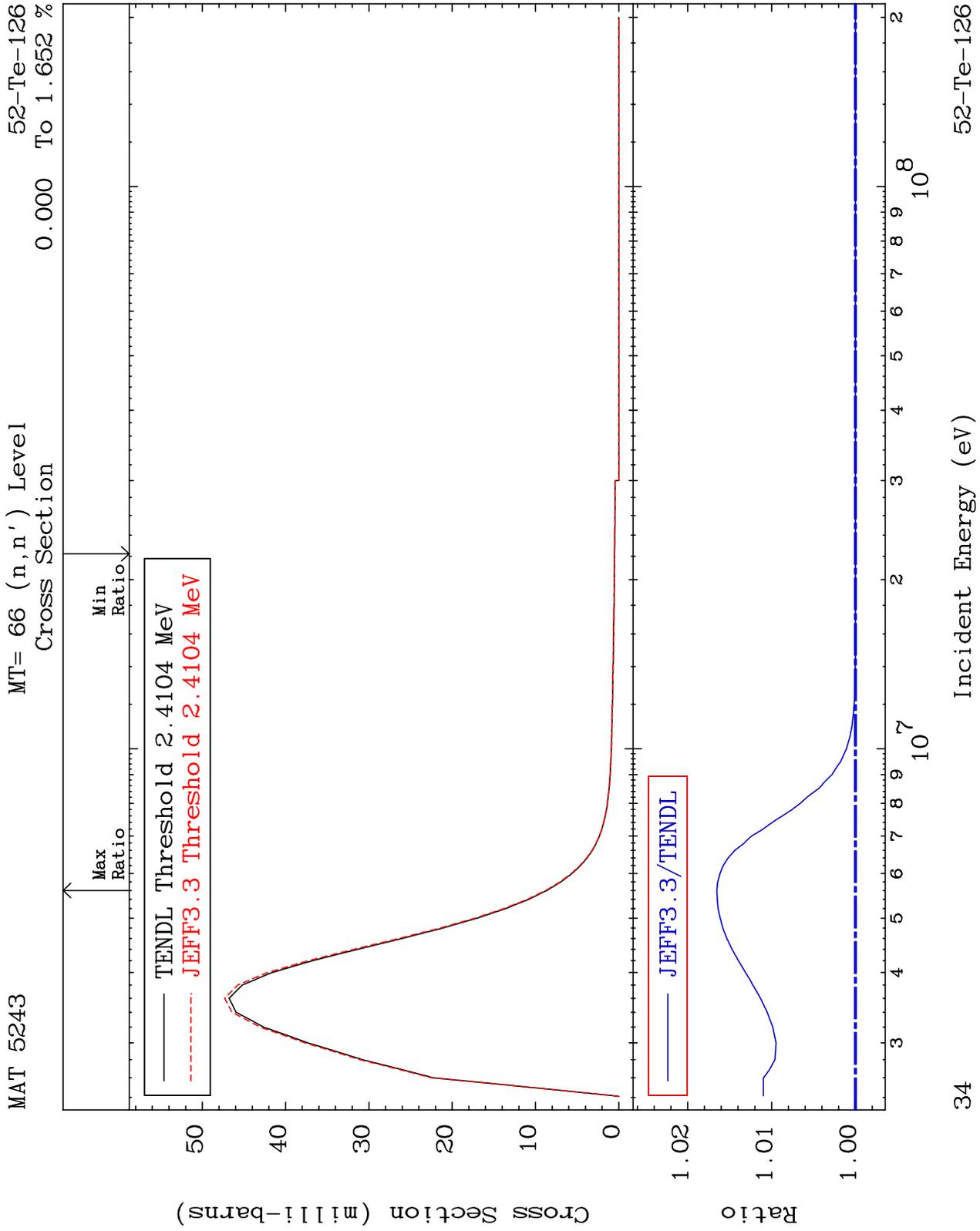
MT= 64 (n,n') Level  
Cross Section

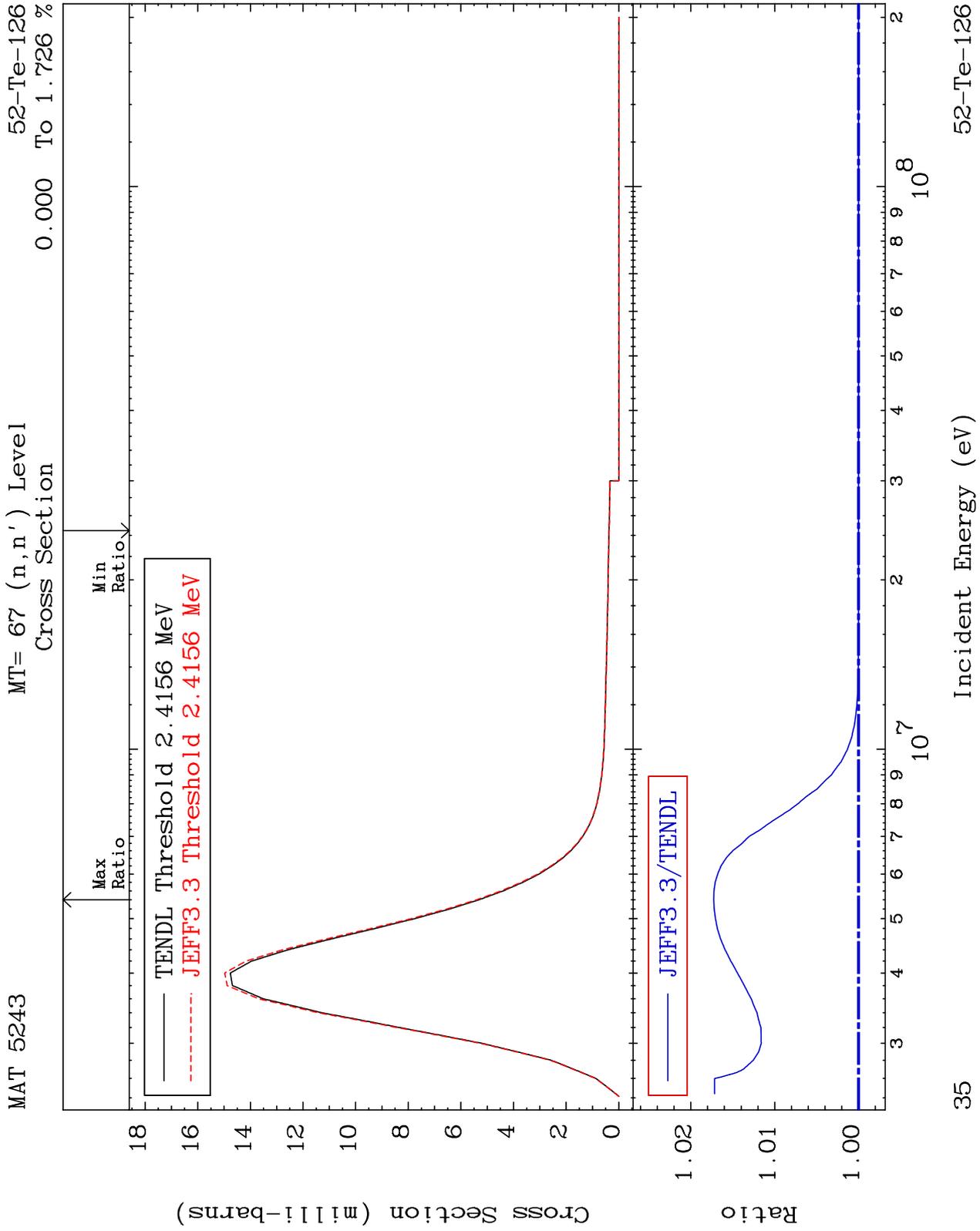
52-Te-126  
To 1.678 %



MAT 5243 MT= 65 (n, n') Level Cross Section 52-Te-126  
 0.000 To 0.900 %



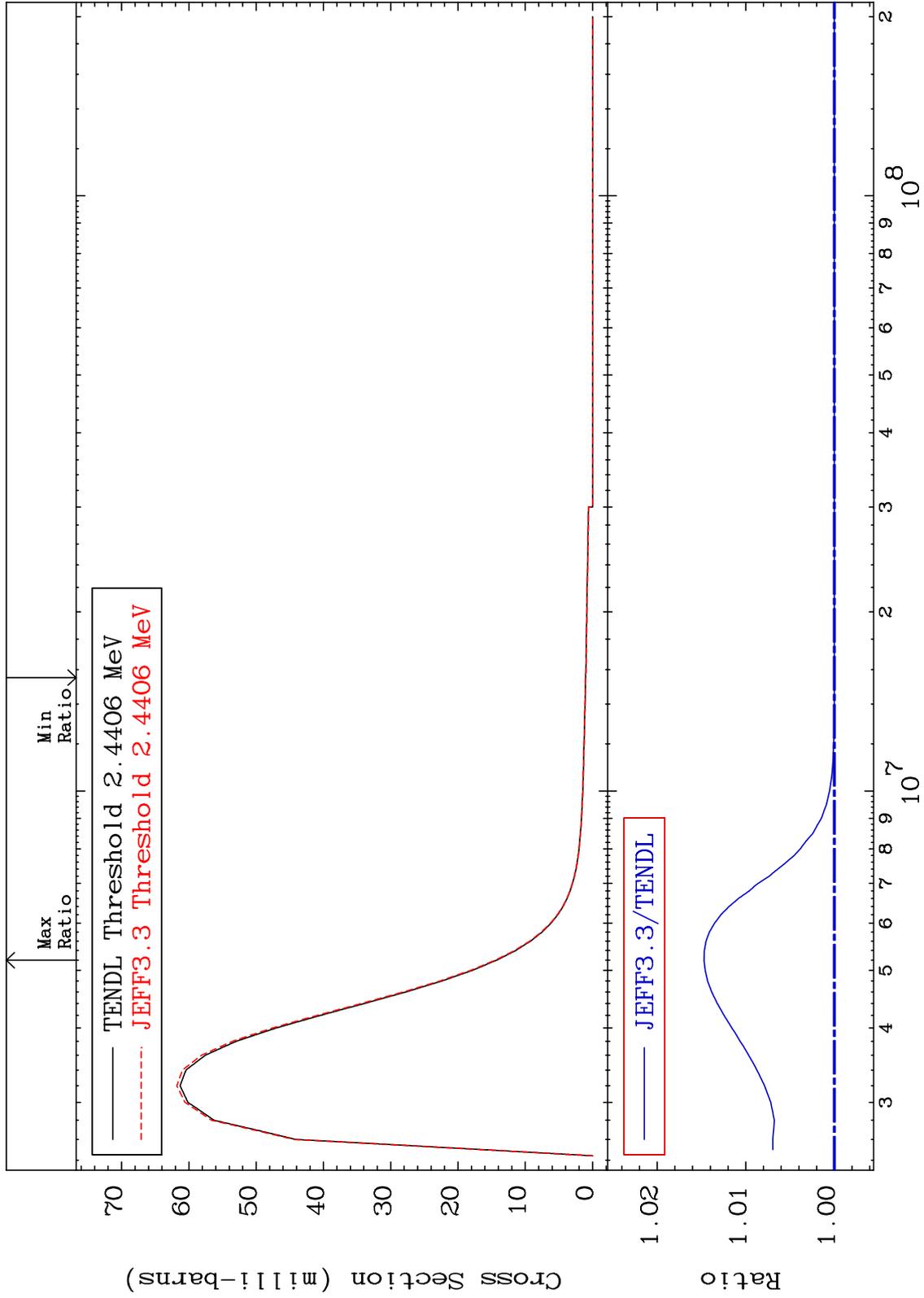




MAT 5243

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

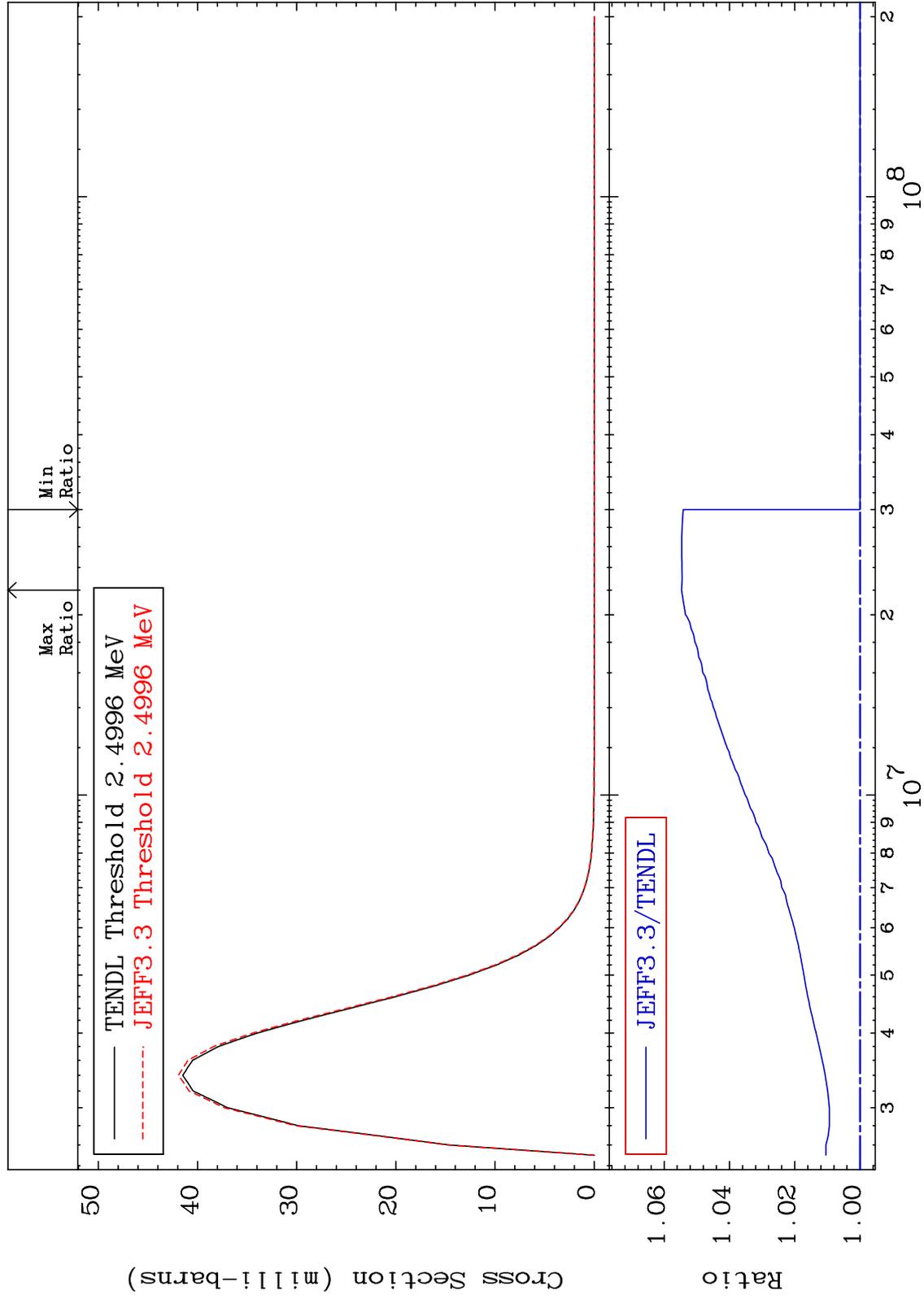
52-Te-126  
0.000 To 1.472 %

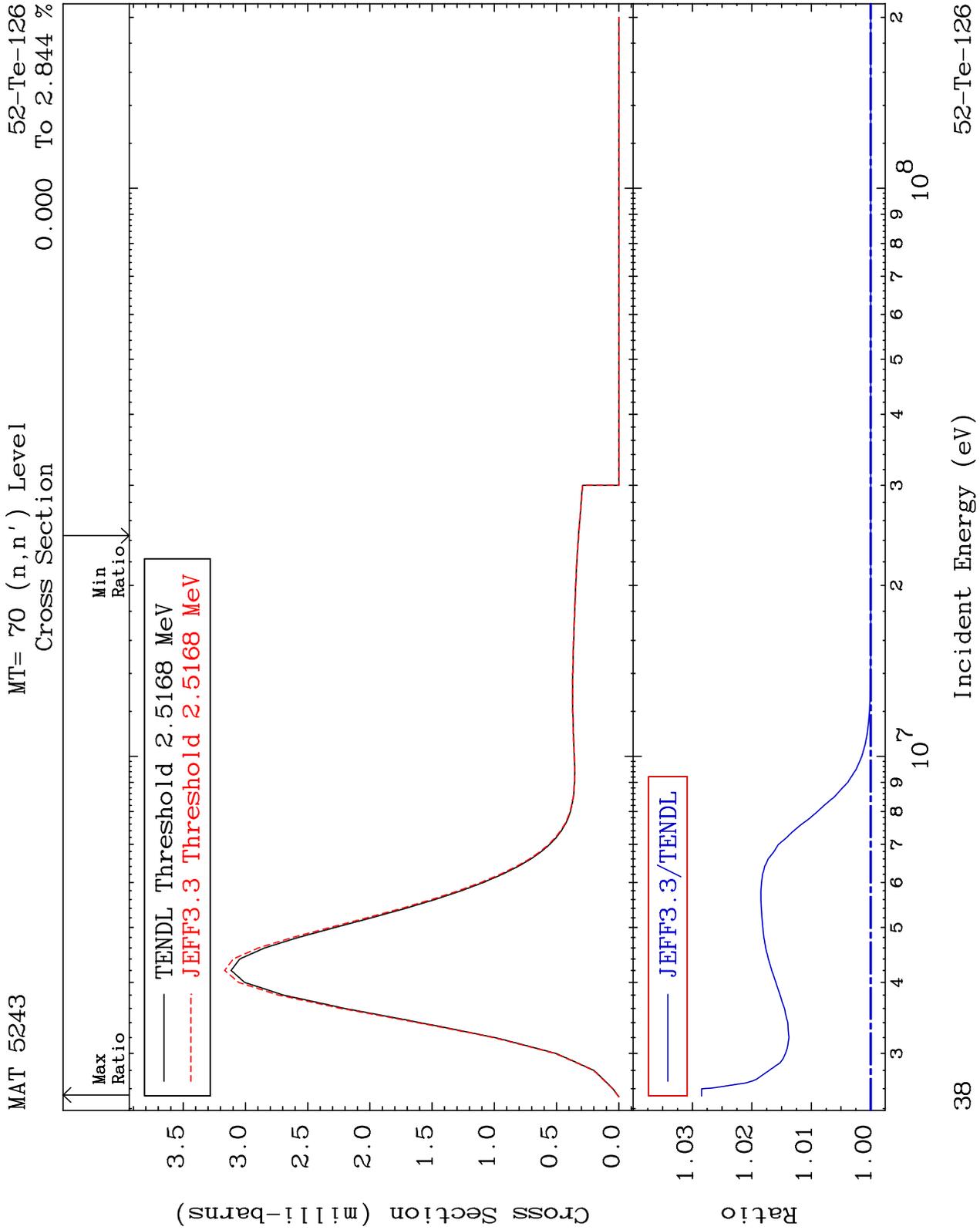


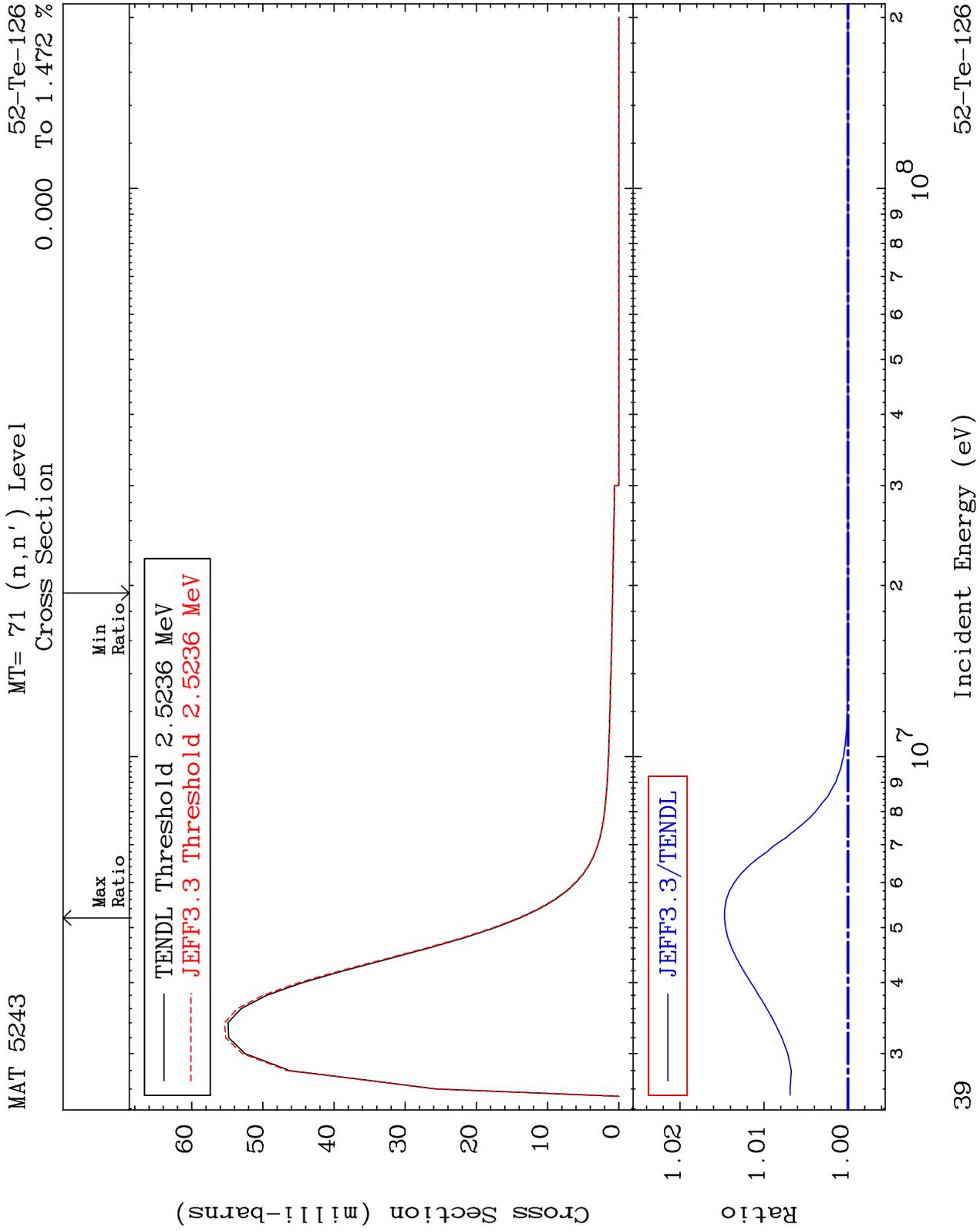
MAT 5243

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

52-Te-126  
0.000 To 5.468 %



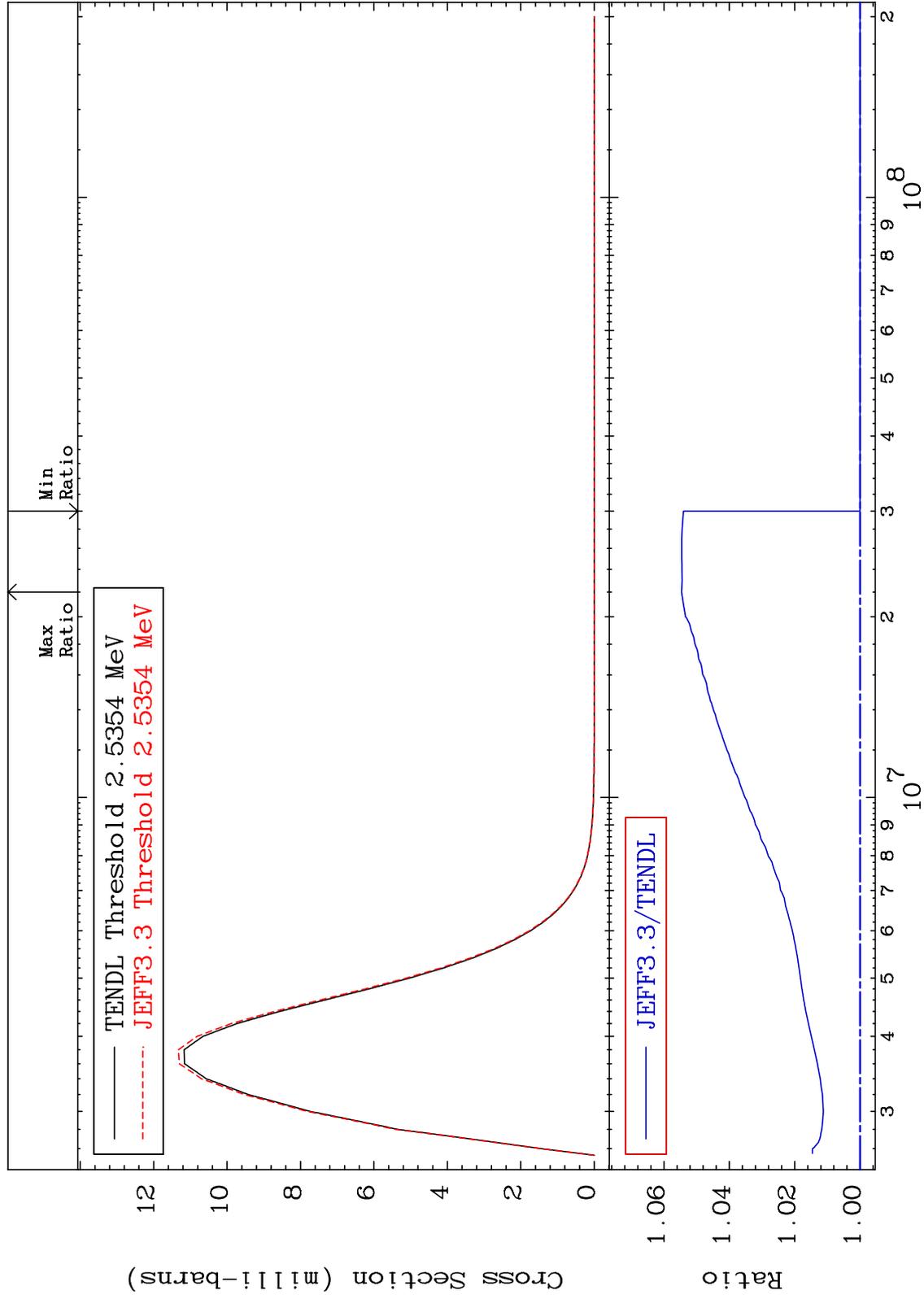




MAT 5243

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

52-Te-126  
0.000 To 5.462 %



40

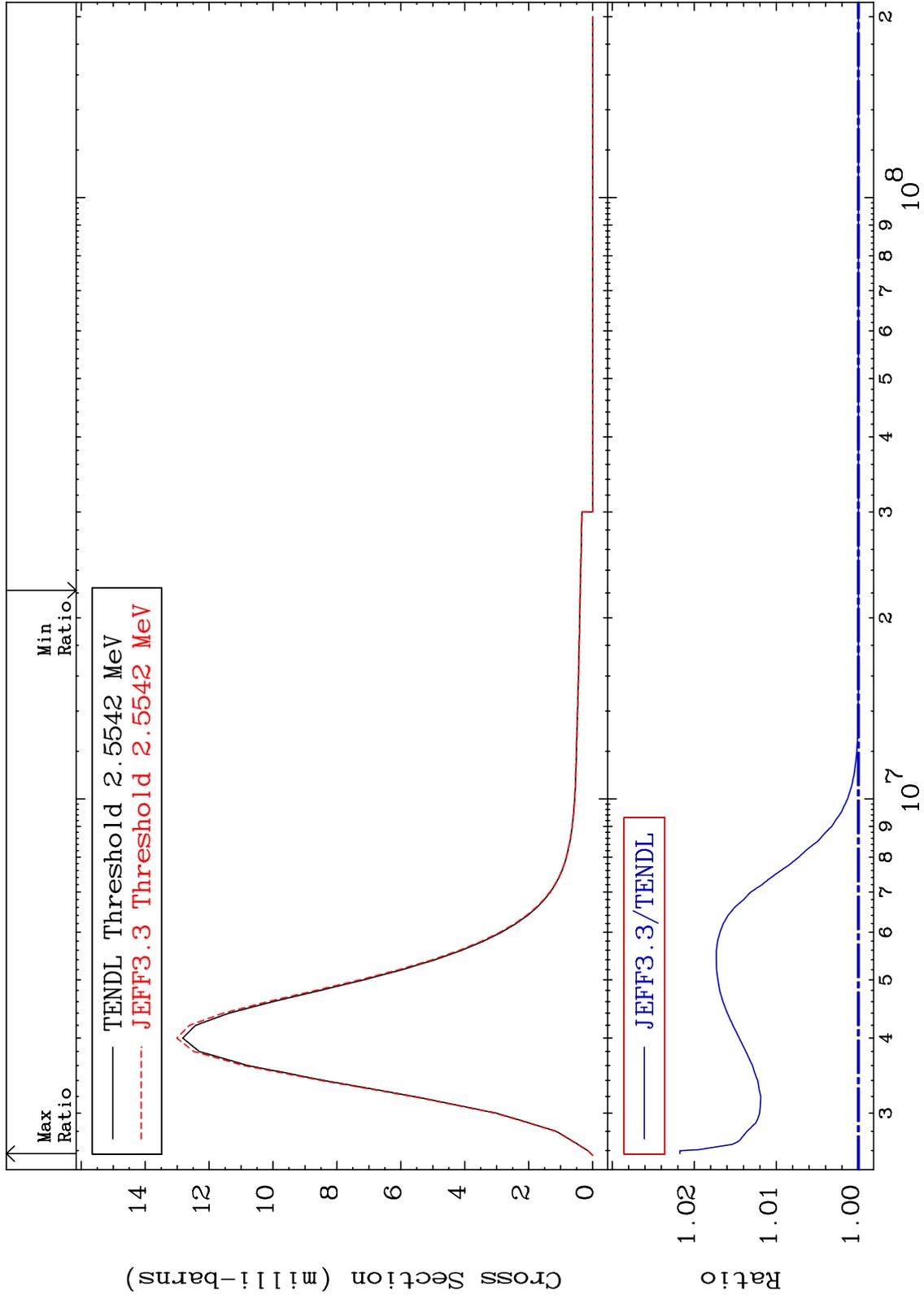
Incident Energy (eV)

52-Te-126

MAT 5243

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

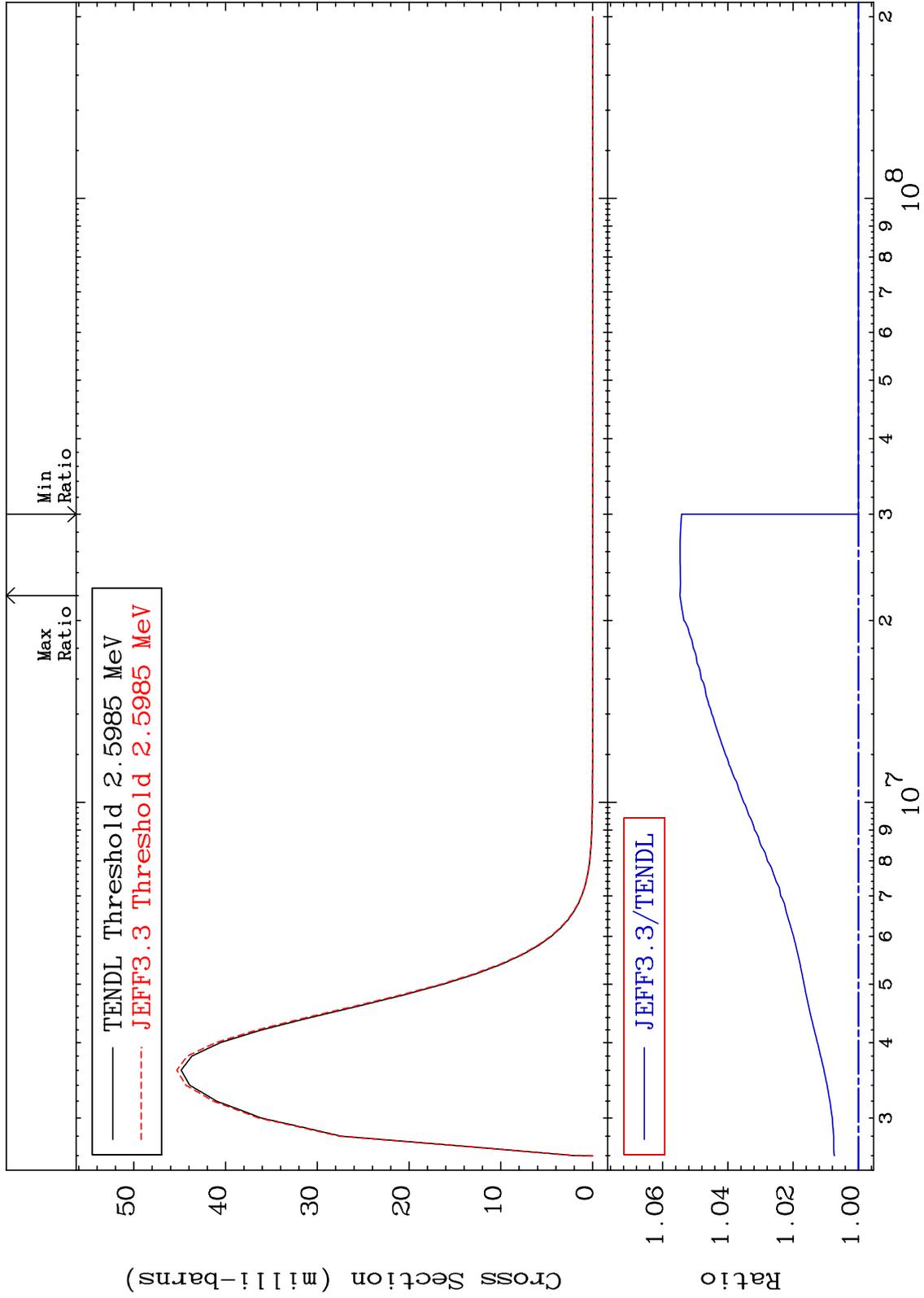
52-Te-126  
0.000 To 2.174 %



MAT 5243

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

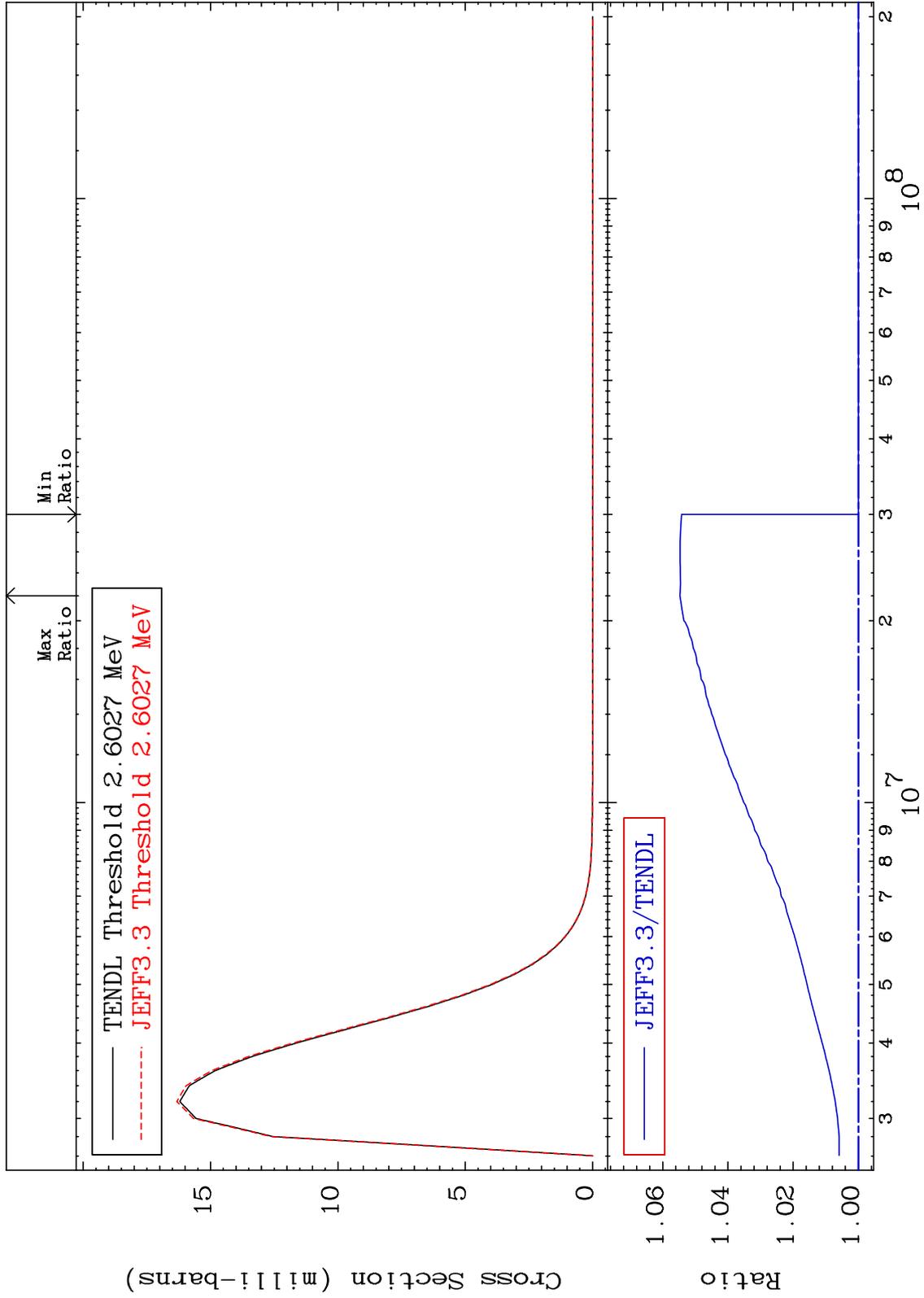
52-Te-126  
0.000 To 5.470 %

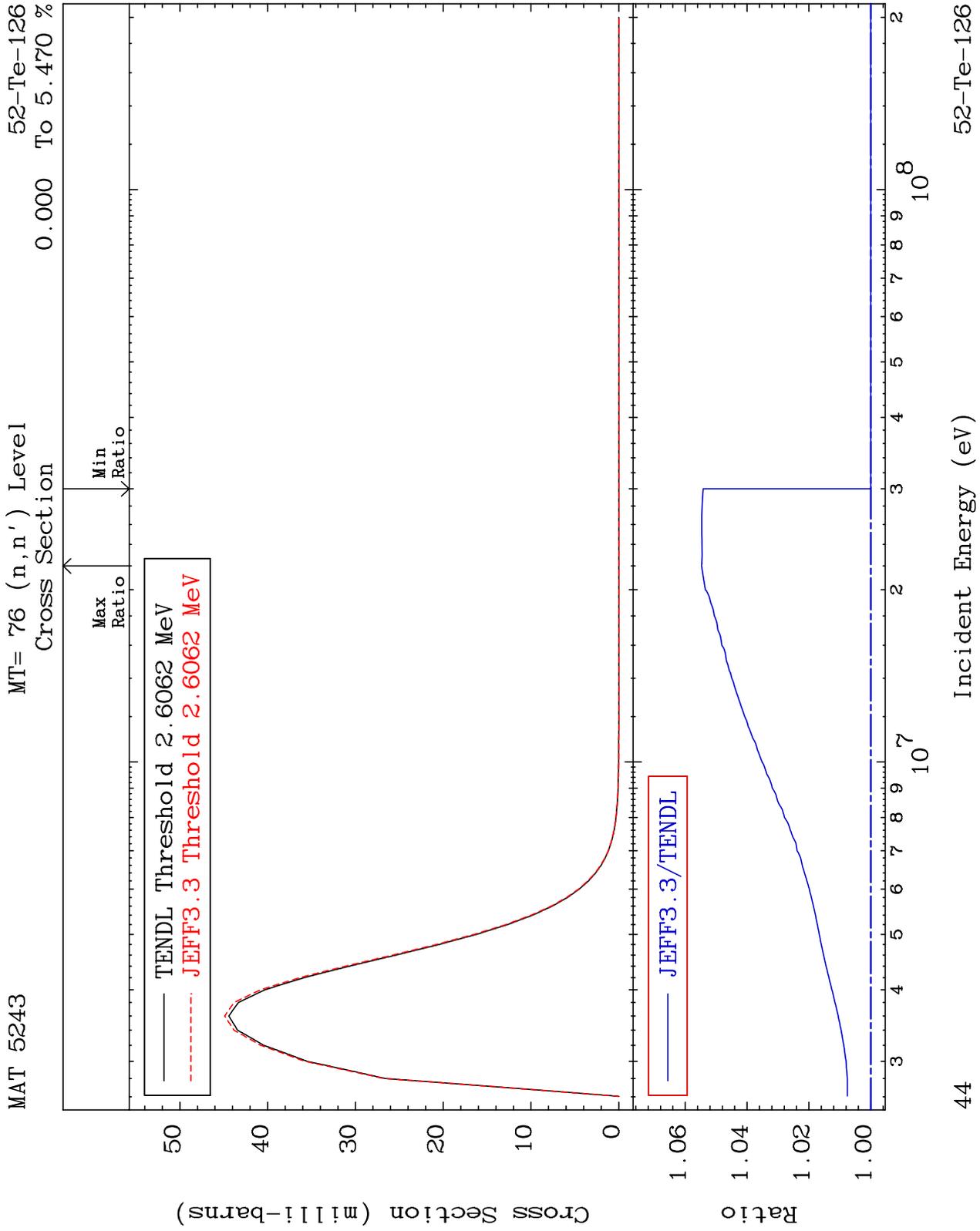


MAT 5243

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

52-Te-126  
0.000 To 5.473 %

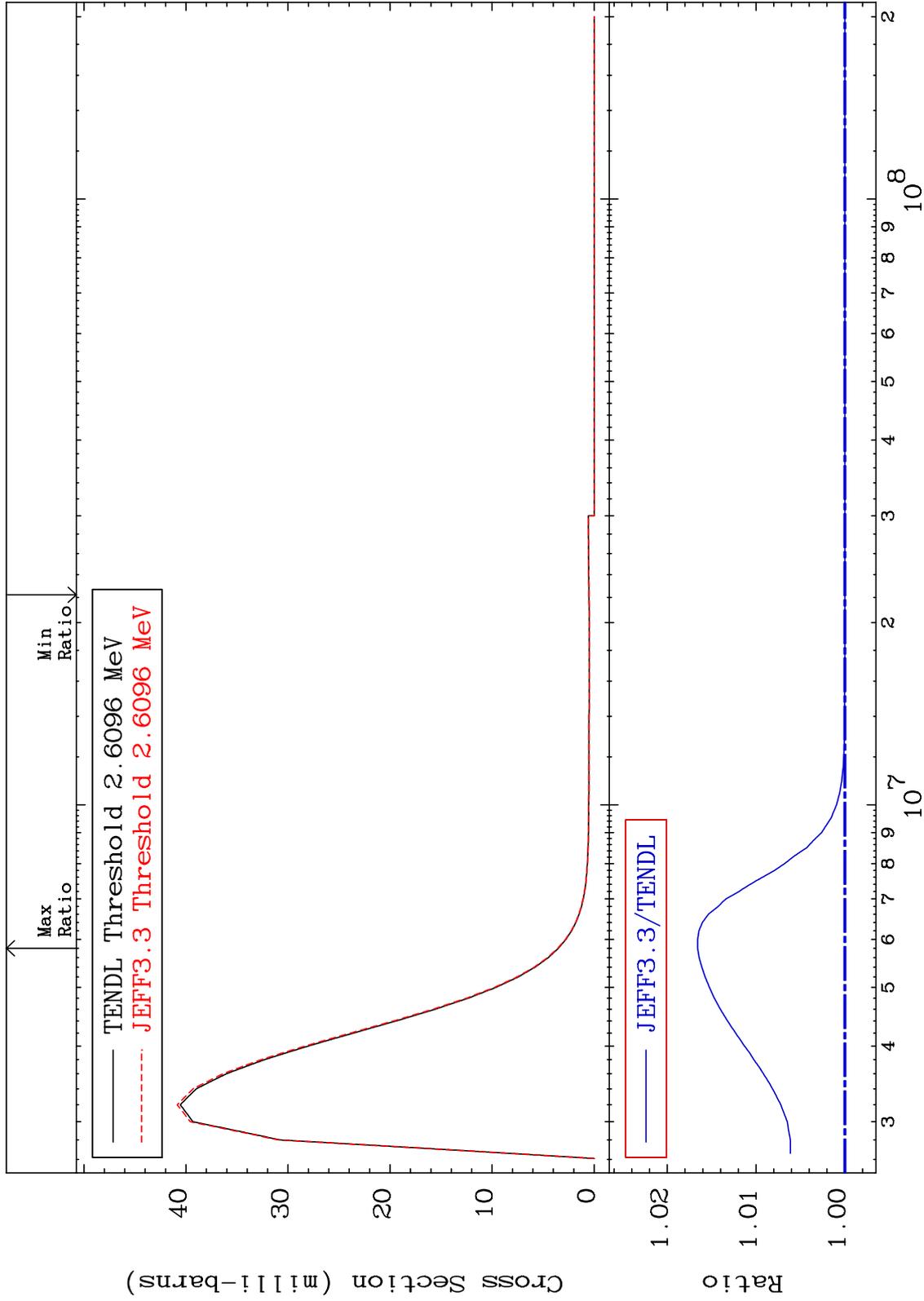




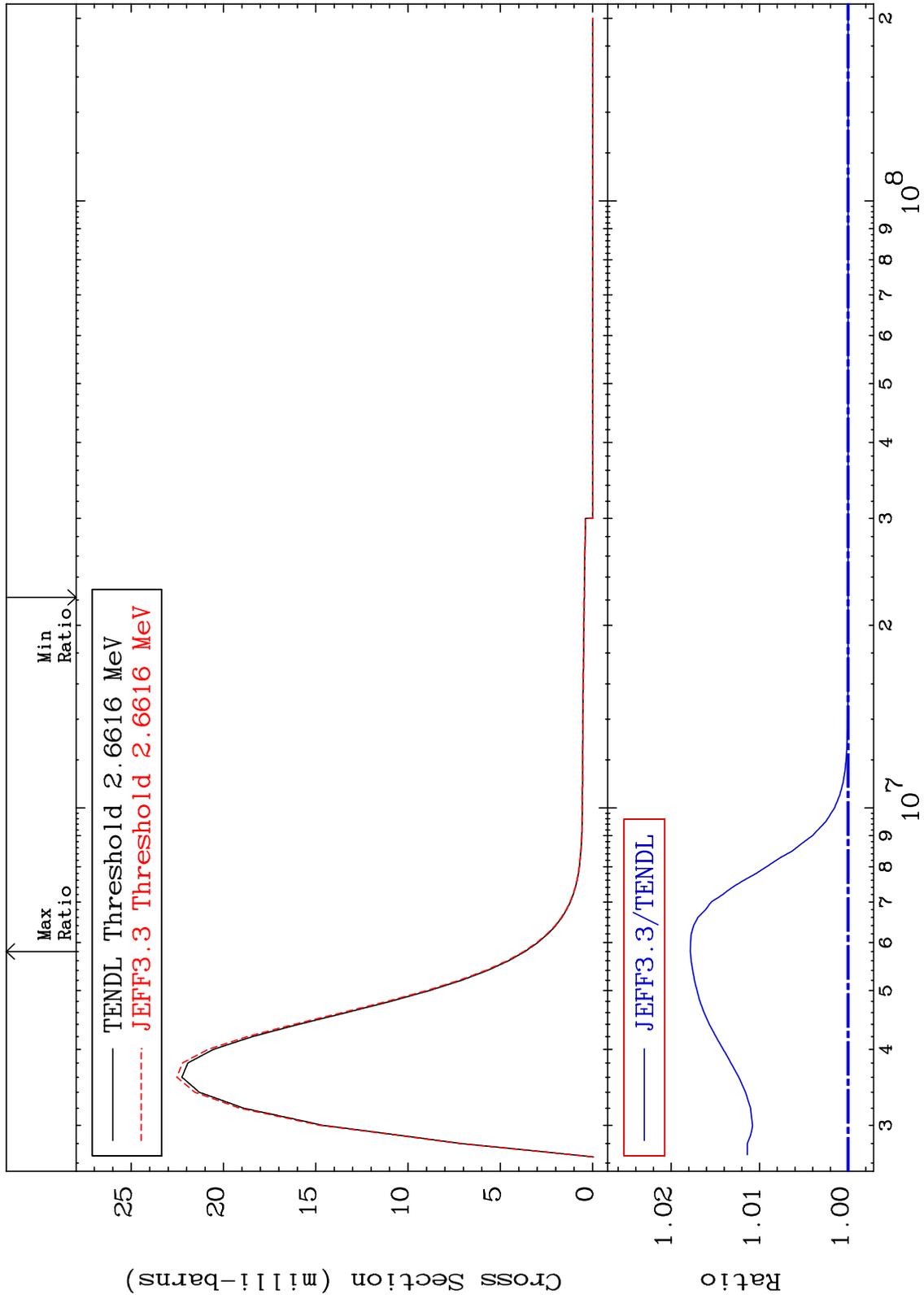
MAT 5243

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

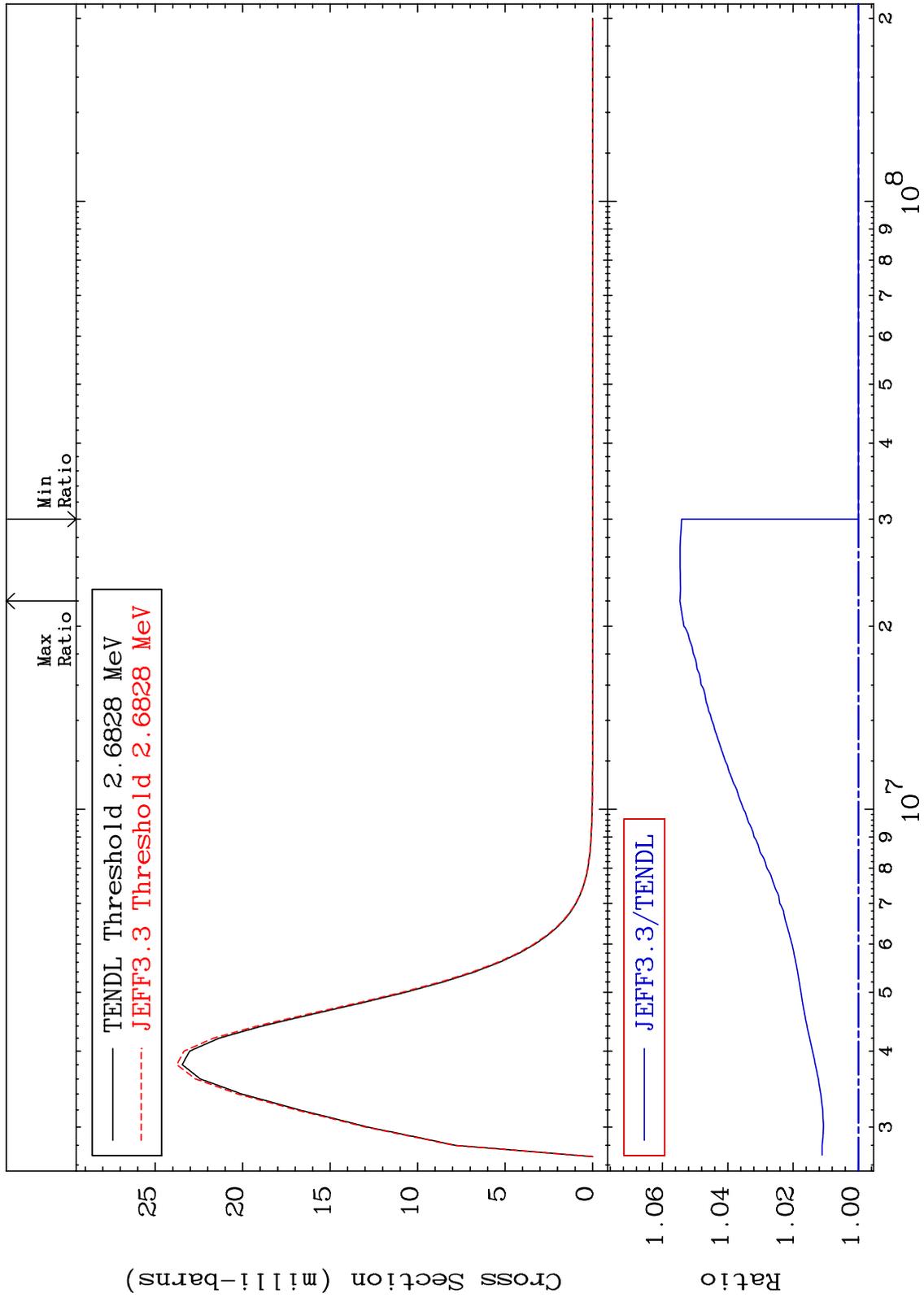
52-Te-126  
0.000 To 1.658 %



MAT 5243 MT= 78 (n, n') Level Cross Section 52-Te-126 To 1.783 %



MAT 5243 MT= 79 (n,n') Level Cross Section 52-Te-126 To 5.465 %  
 0.000

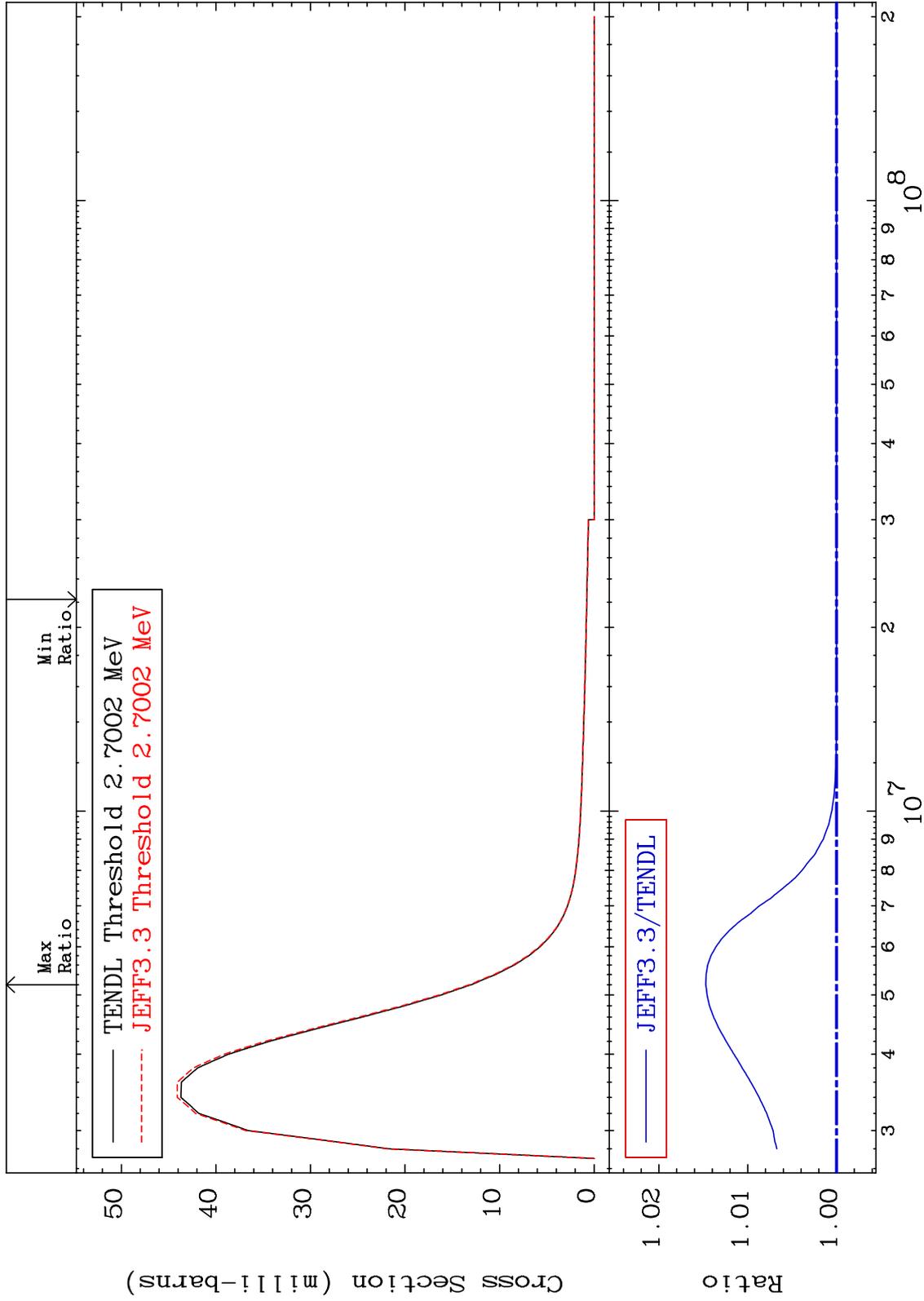


Incident Energy (eV) 52-Te-126

MAT 5243

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

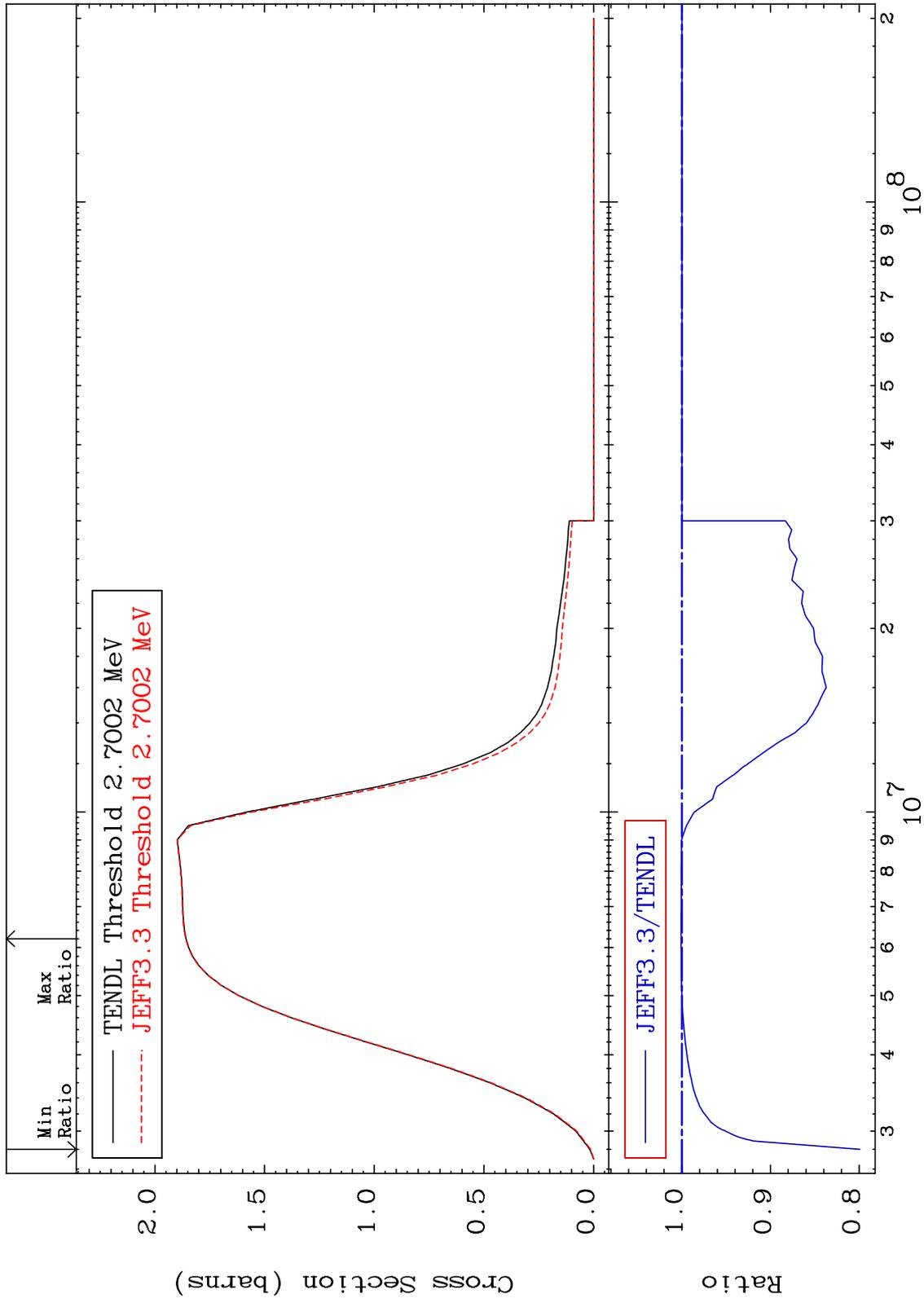
52-Te-126  
To 1.473 %  
0.000



MAT 5243

(n, n') Continuum  
Cross Section

52-Te-126  
-20.08 To 0.079 %



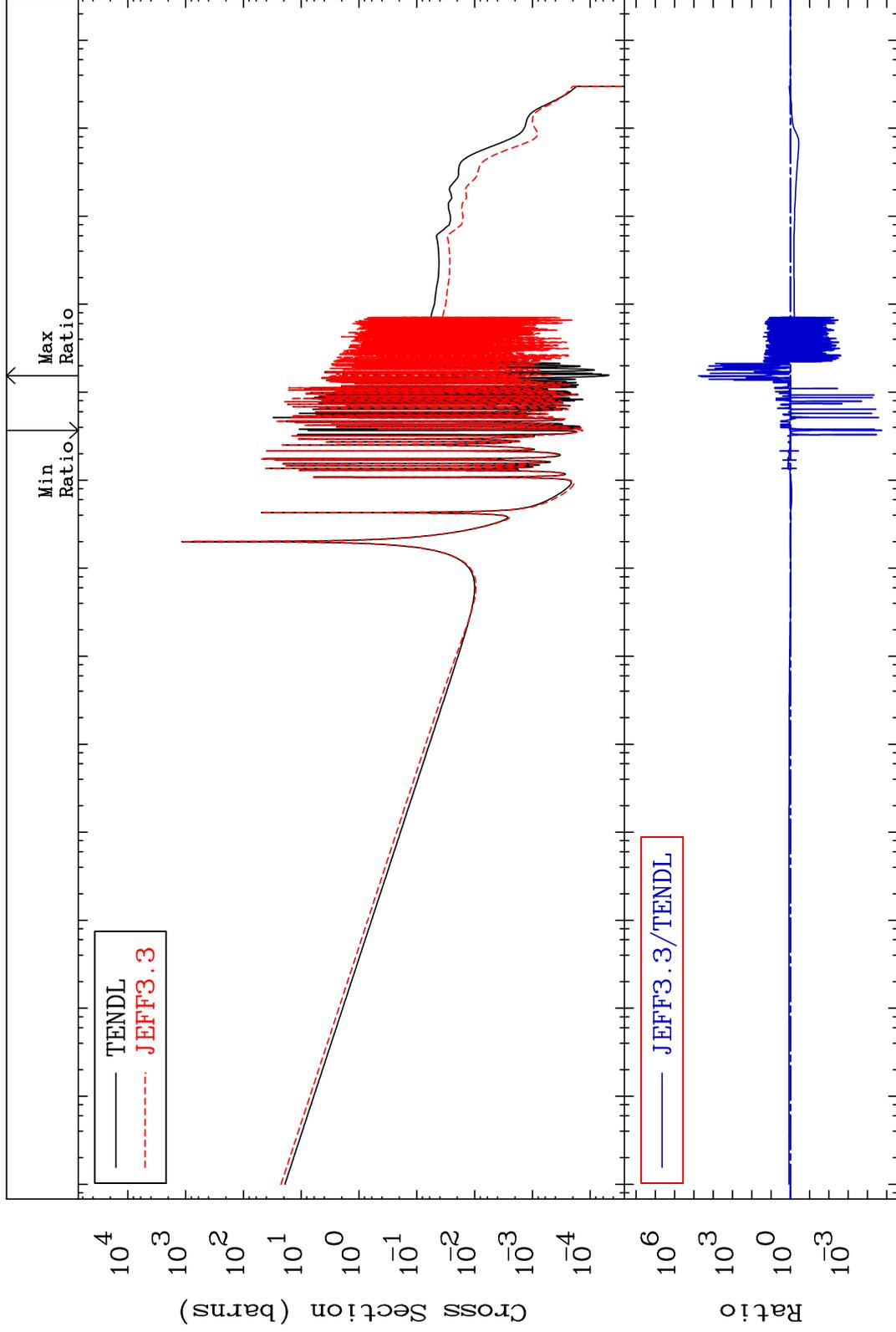
MAT 5243

(n,  $\gamma$ )

52-Te-126

Cross Section

-100.0 To 9999. %



50

Incident Energy (eV)

52-Te-126

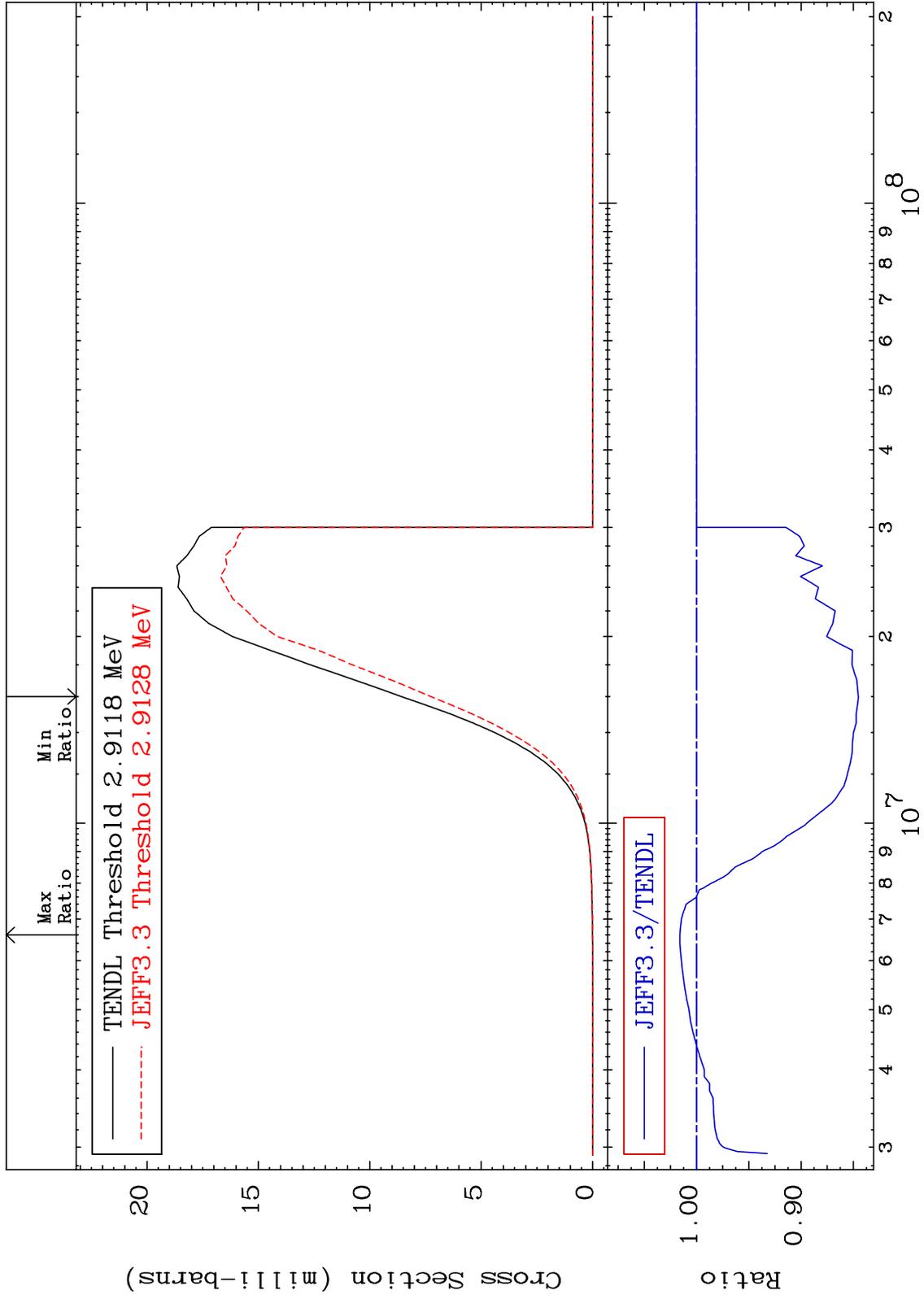
MAT 5243

(n, p)

<sup>52</sup>-Te-126

Cross Section

-15.48 To 1.592 %



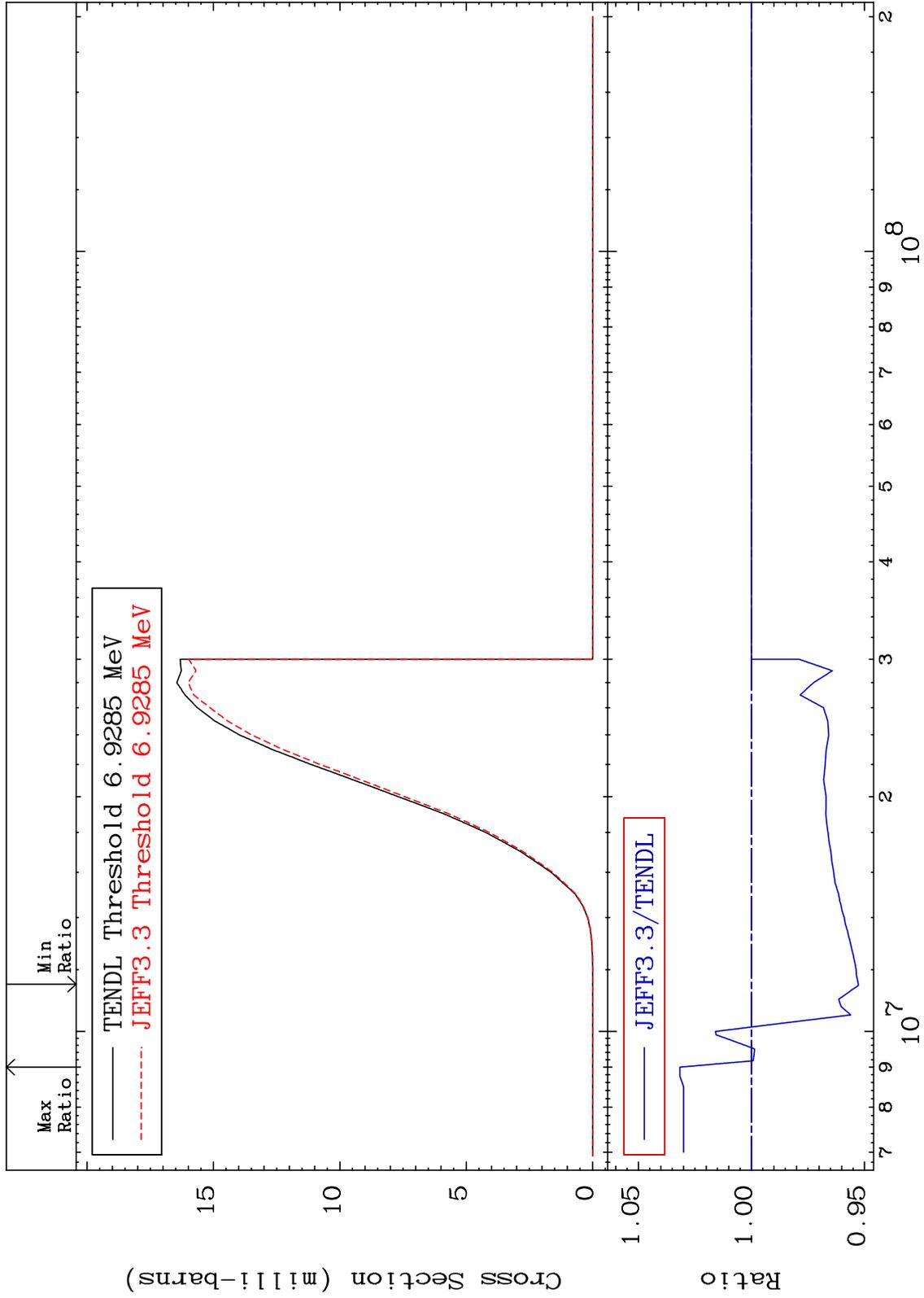
MAT 5243

(n, d)

52-Te-126

Cross Section

-4.735 To 3.161 %



52

Incident Energy (eV)

52-Te-126

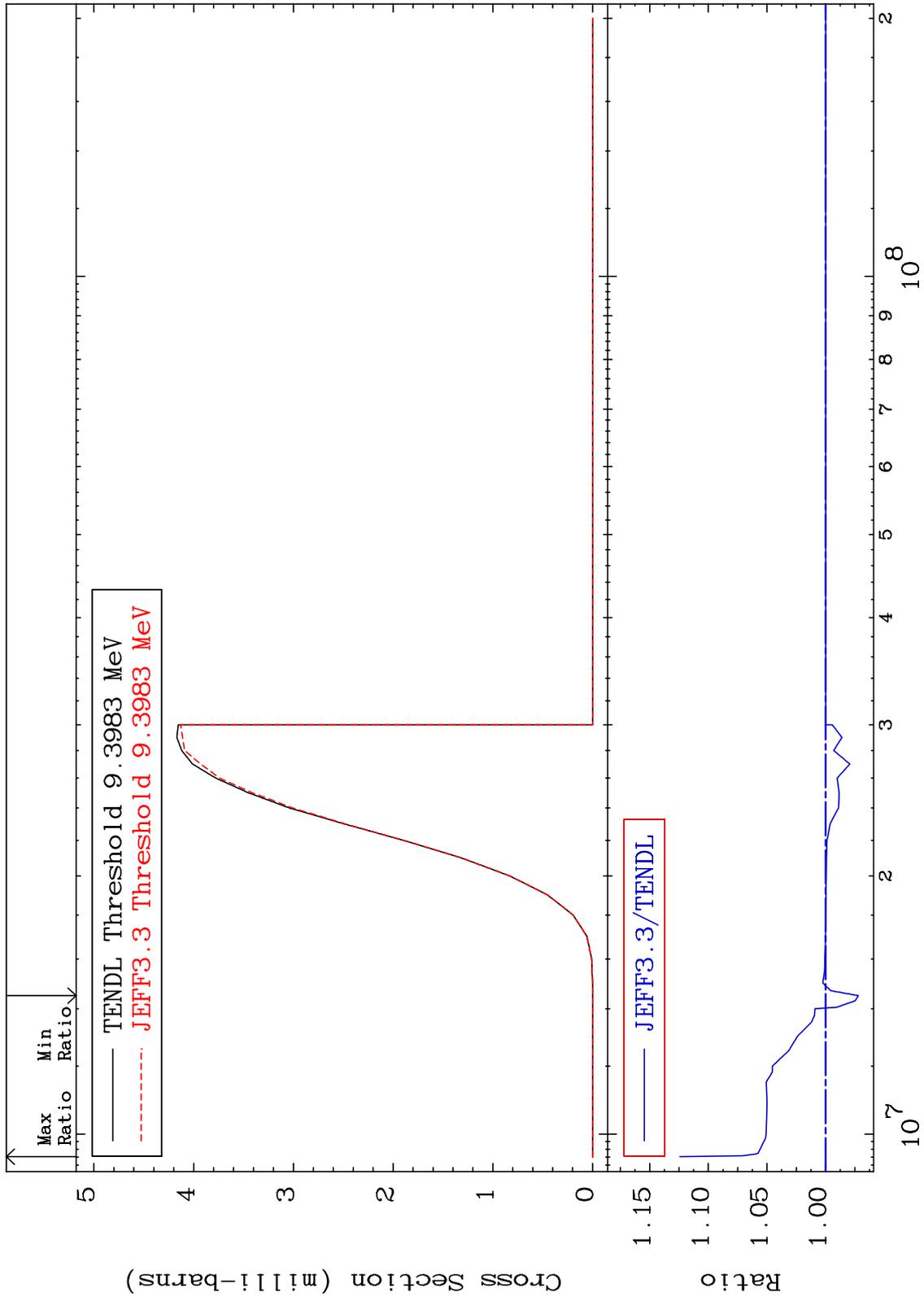
MAT 5243

(n, t)

52-Te-126

Cross Section

-2.797 To 12.42 %



53

Incident Energy (eV)

52-Te-126

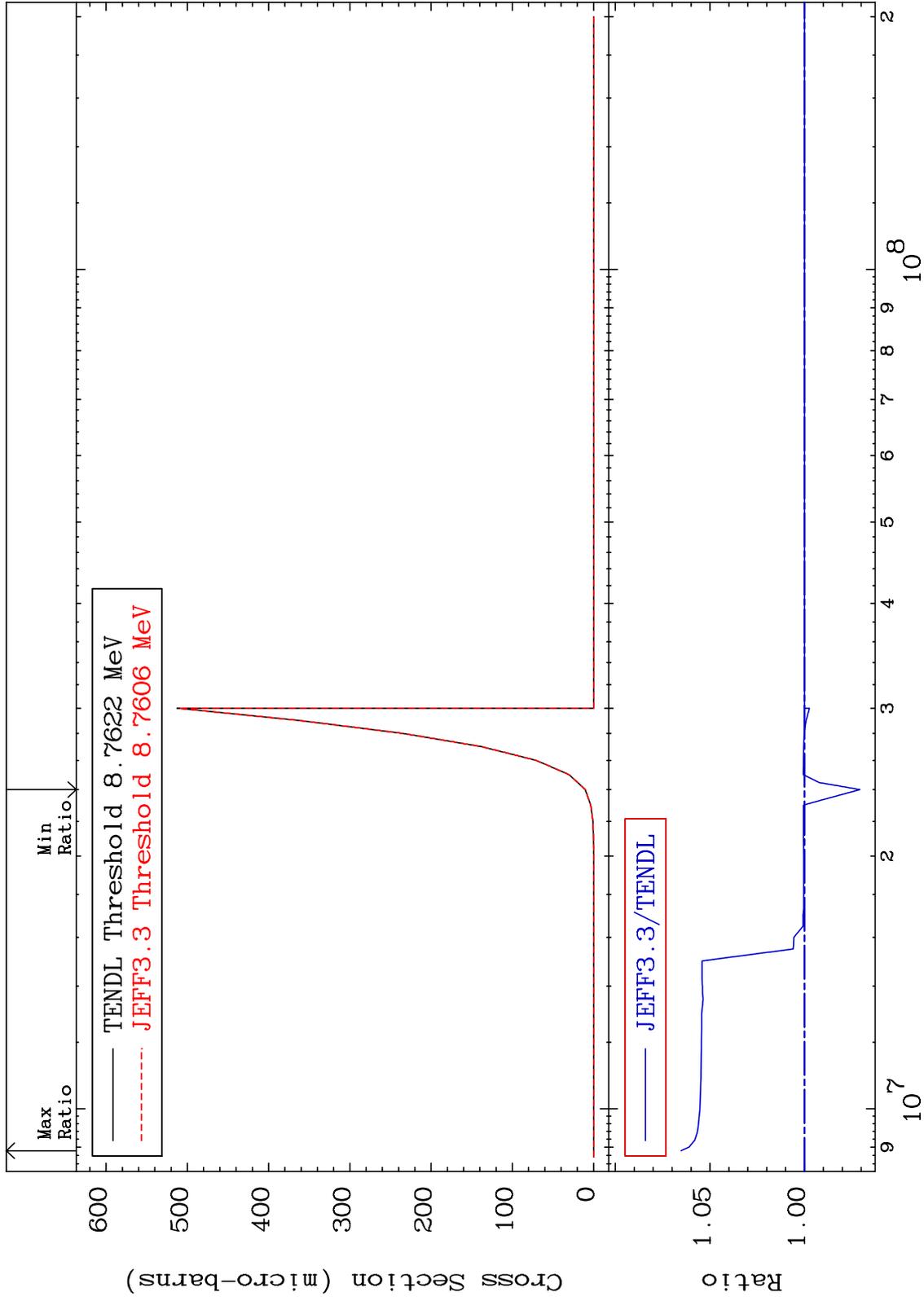
MAT 5243

(n, He-3)

52-Te-126

Cross Section

-2.927 To 6.522 %



54

Incident Energy (eV)

52-Te-126

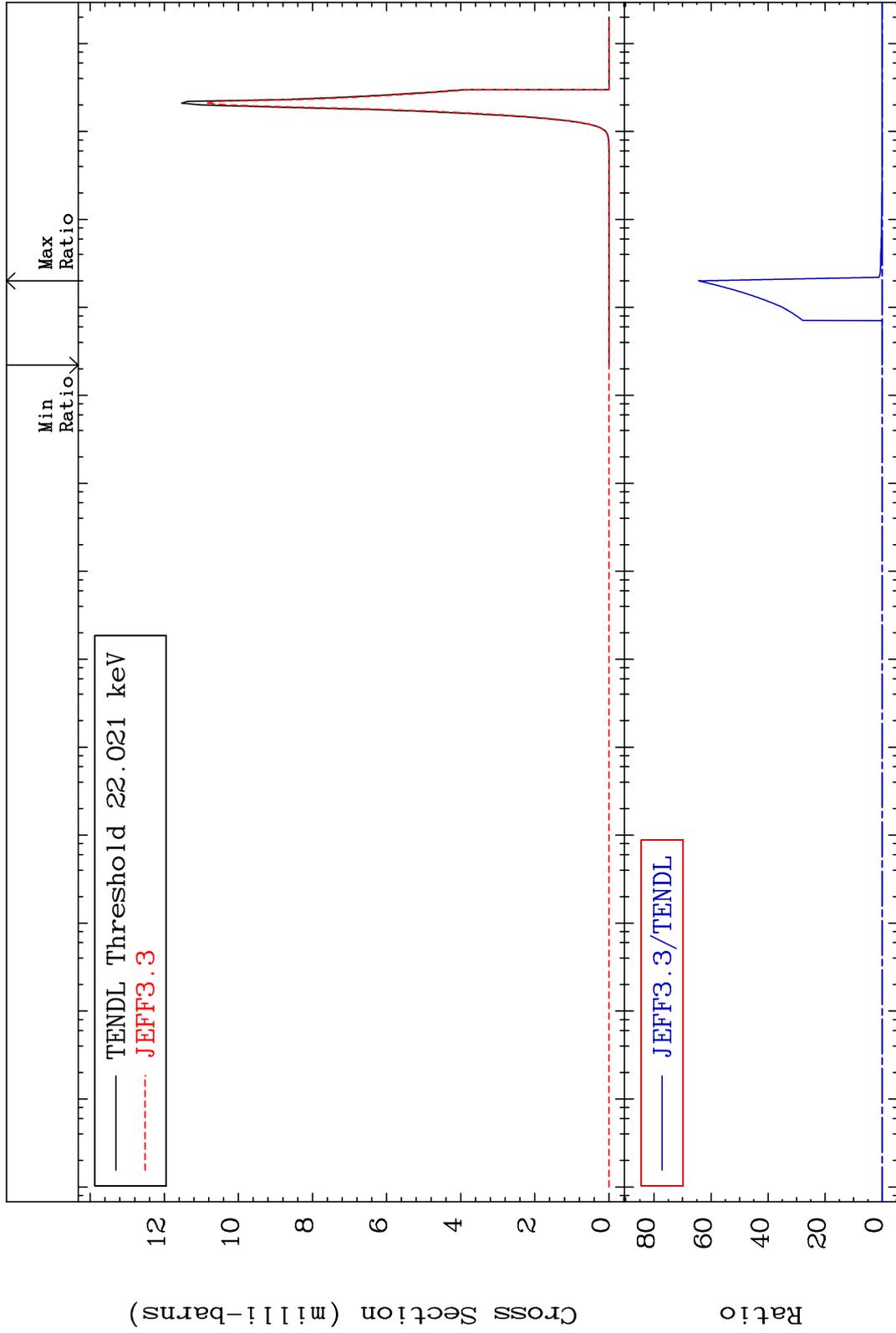
MAT 5243

(n,  $\alpha$ )

52-Te-126

Cross Section

-100.0 To 9999. %



— TENDL Threshold 22.021 keV  
- - - JEFF3.3

— JEFF3.3/TENDL

55

Incident Energy (eV)

52-Te-126

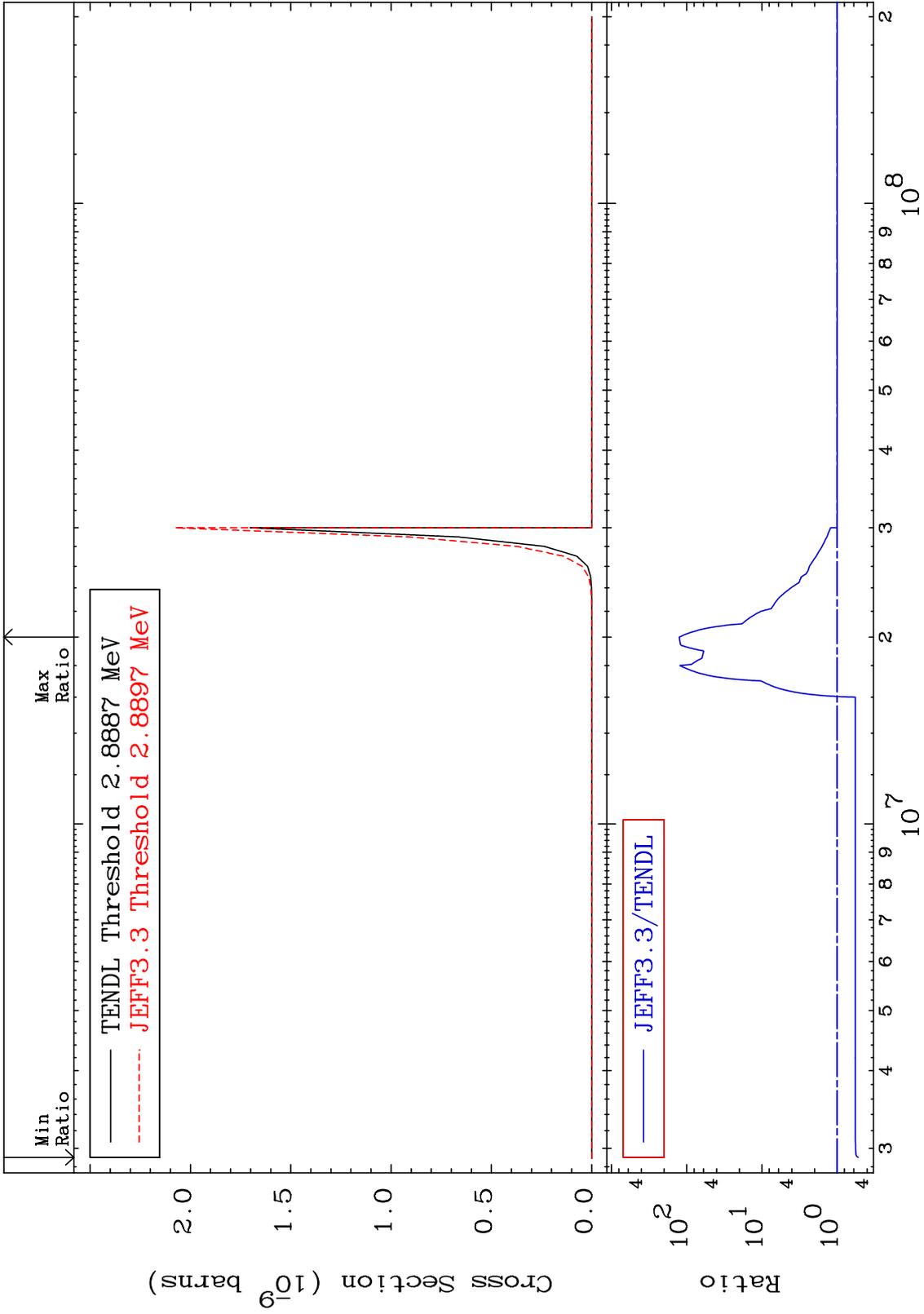
MAT 5243

(n, 2α)

52-Te-126

-47.49 To 9999. %

Cross Section



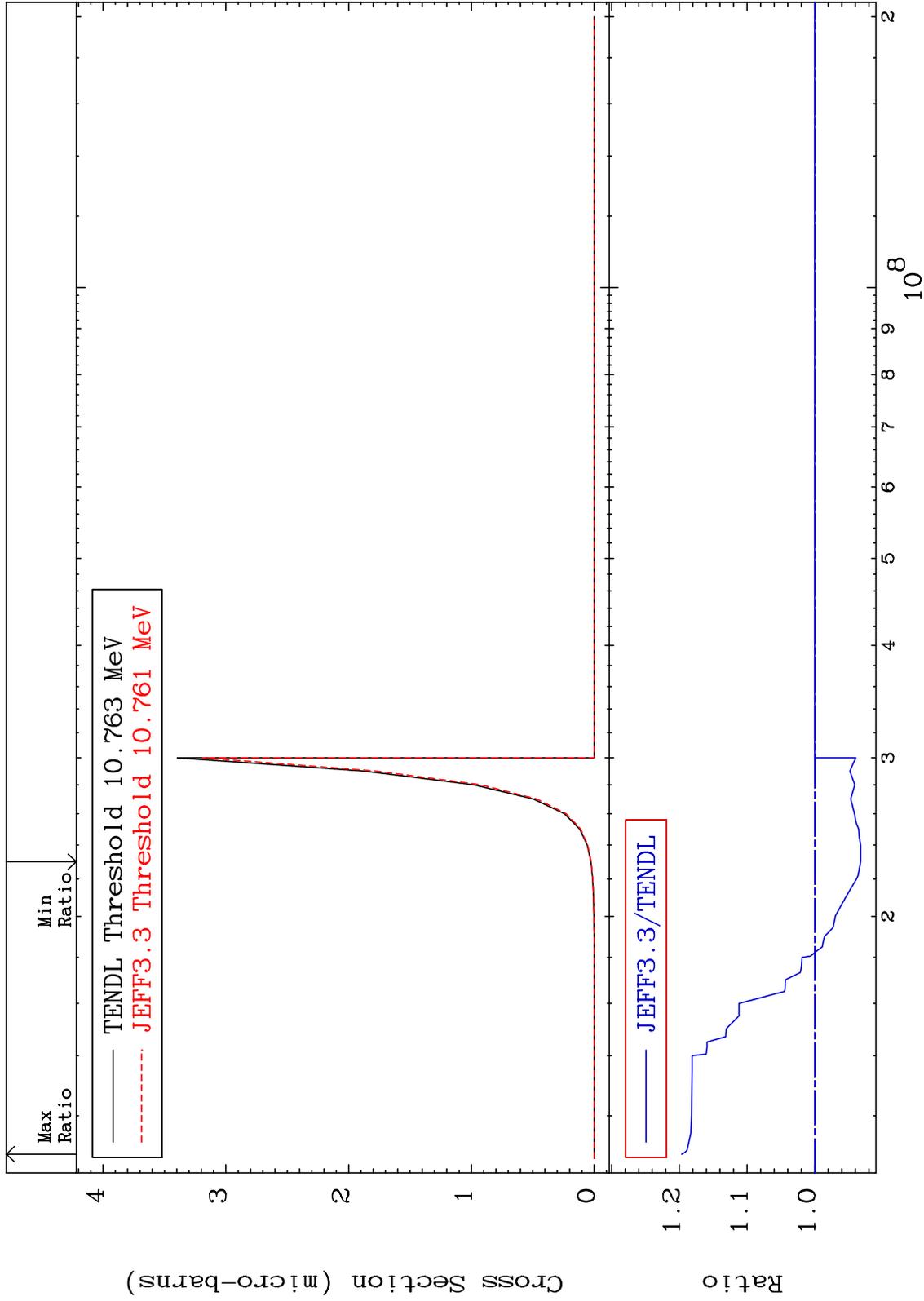
MAT 5243

(n,2p)

52-Te-126

Cross Section

-6.776 To 19.64 %



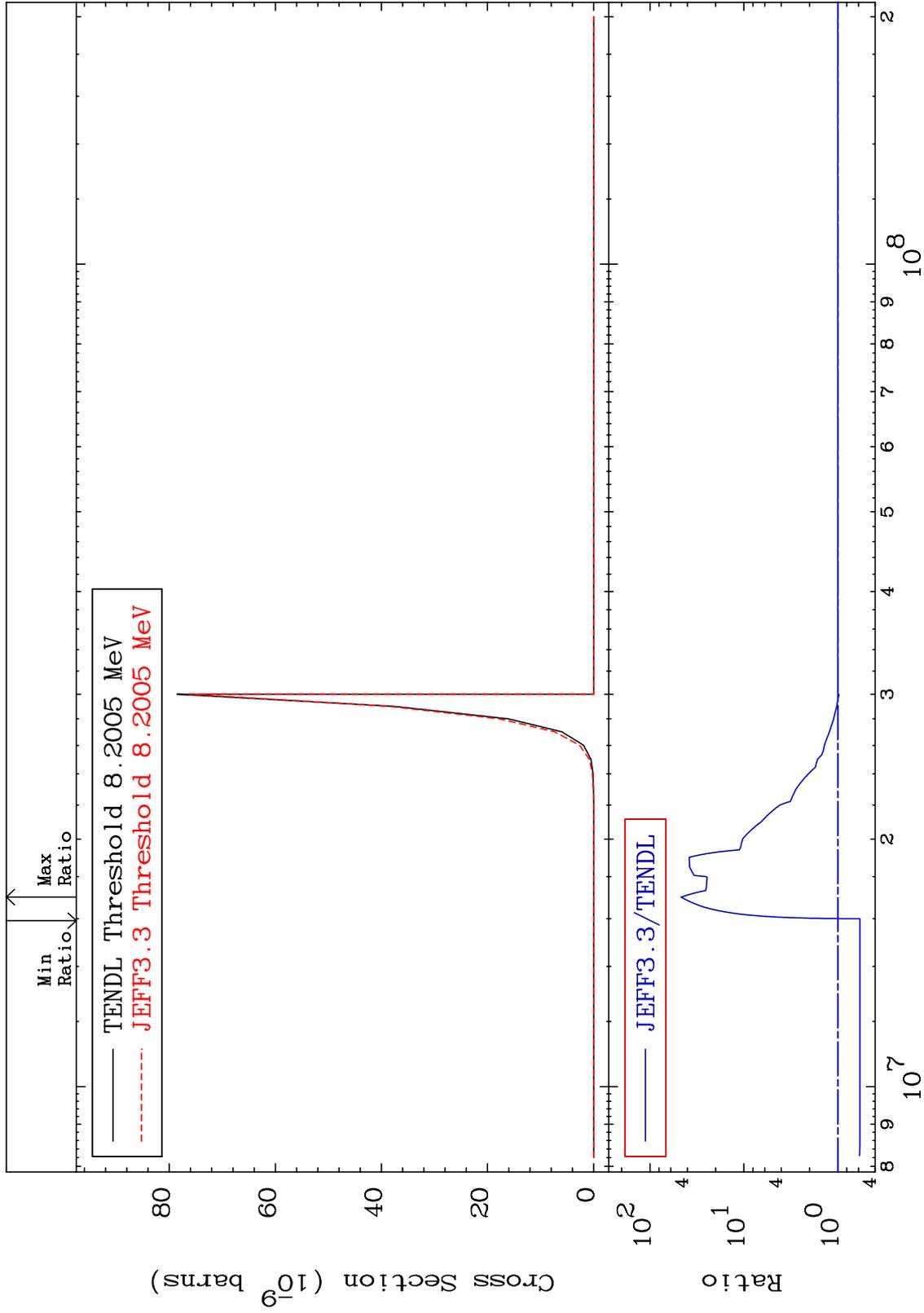
MAT 5243

(n,p)  $\alpha$

52-Te-126

-41.93 To 4556. %

Cross Section



58

Incident Energy (eV)

52-Te-126

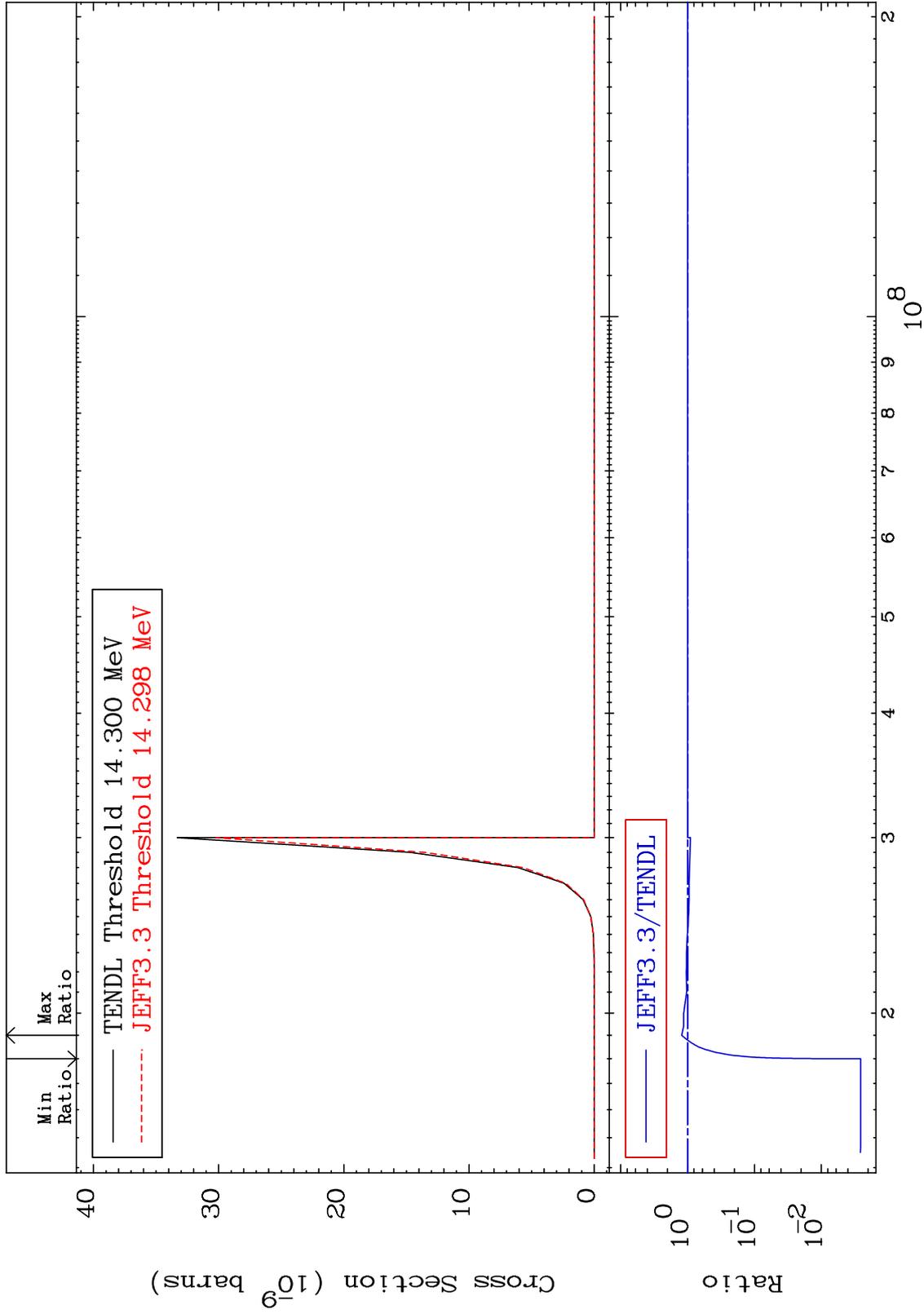
MAT 5243

(n,p) d

52-Te-126

Cross Section

-99.74 To 22.07 %



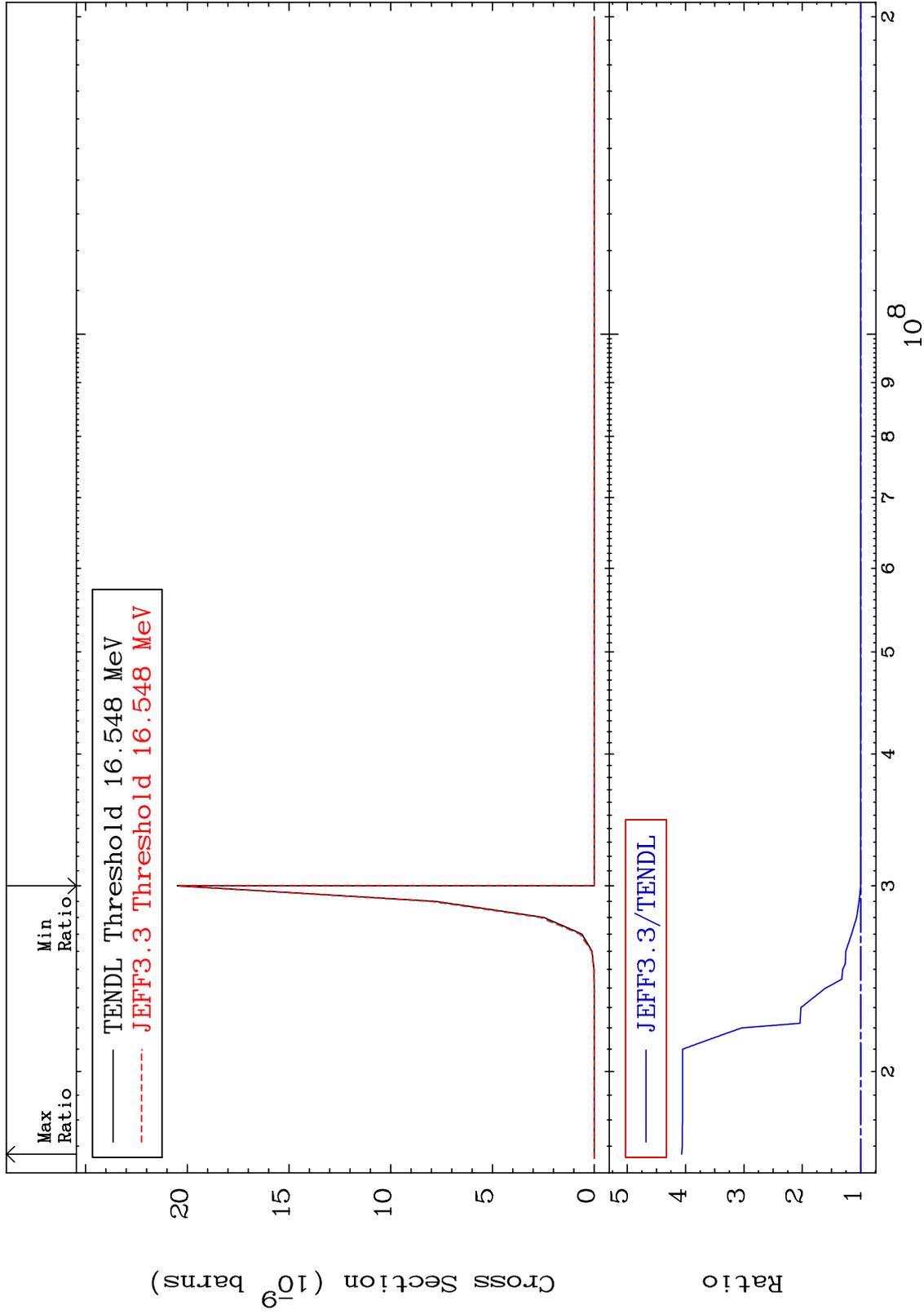
MAT 5243

(n,p) t

52-Te-126

Cross Section

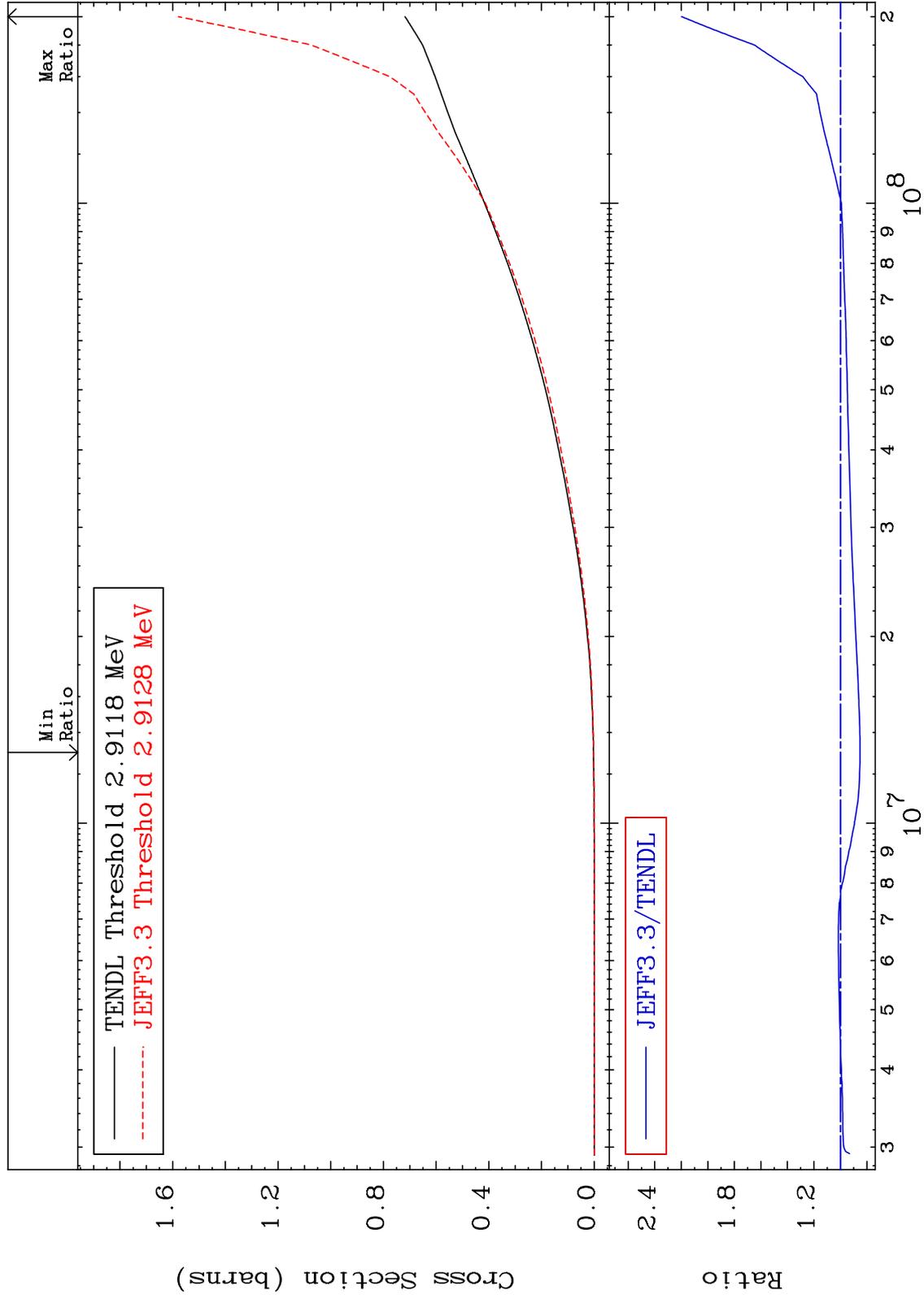
-0.099 To 306.6 %



MAT 5243

Hydrogen Production  
Cross Section

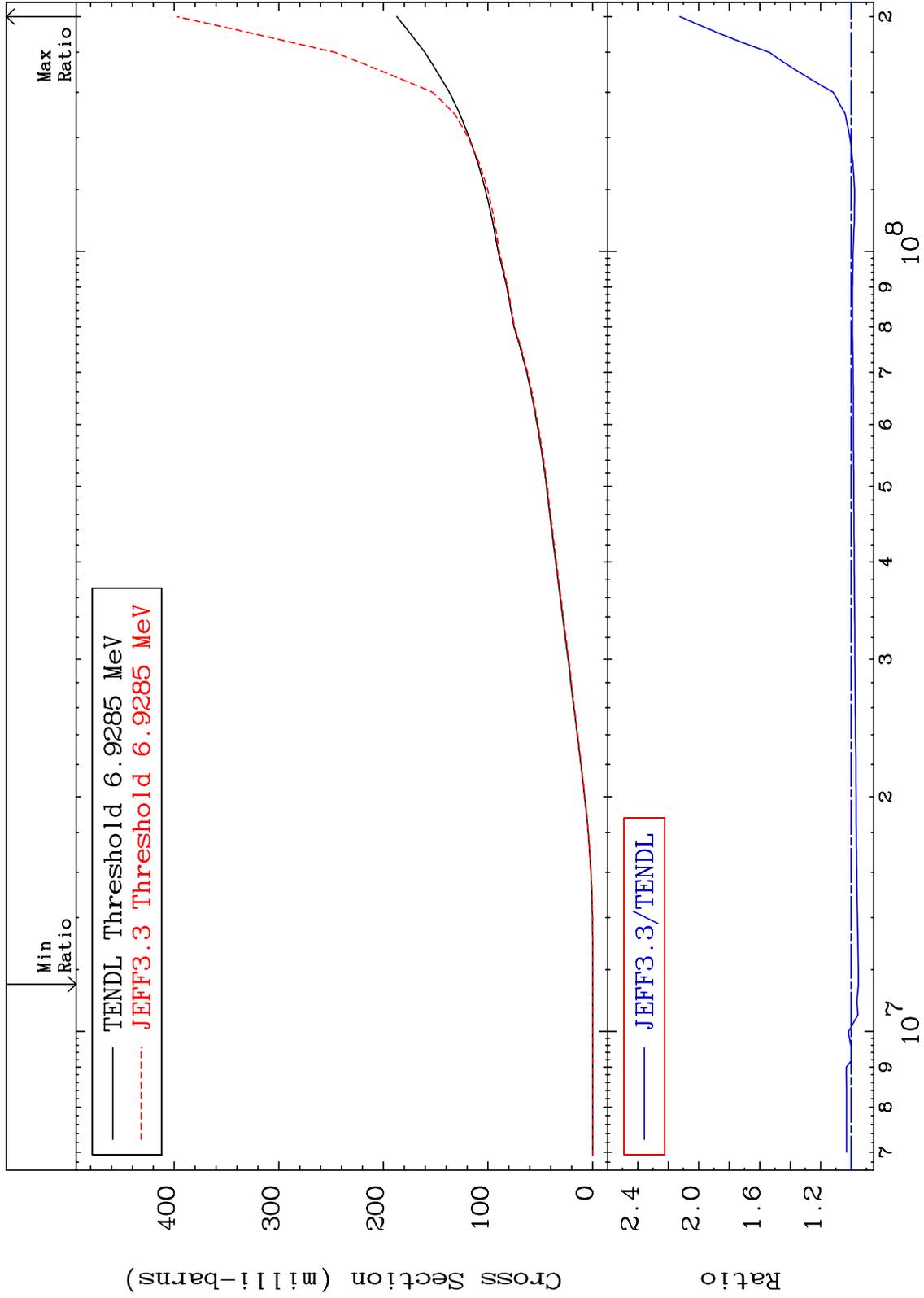
52-Te-126  
-14.74 To 119.8 %



MAT 5243

Deuterium Production  
Cross Section

52-Te-126  
-4.735 To 112.3 %



62

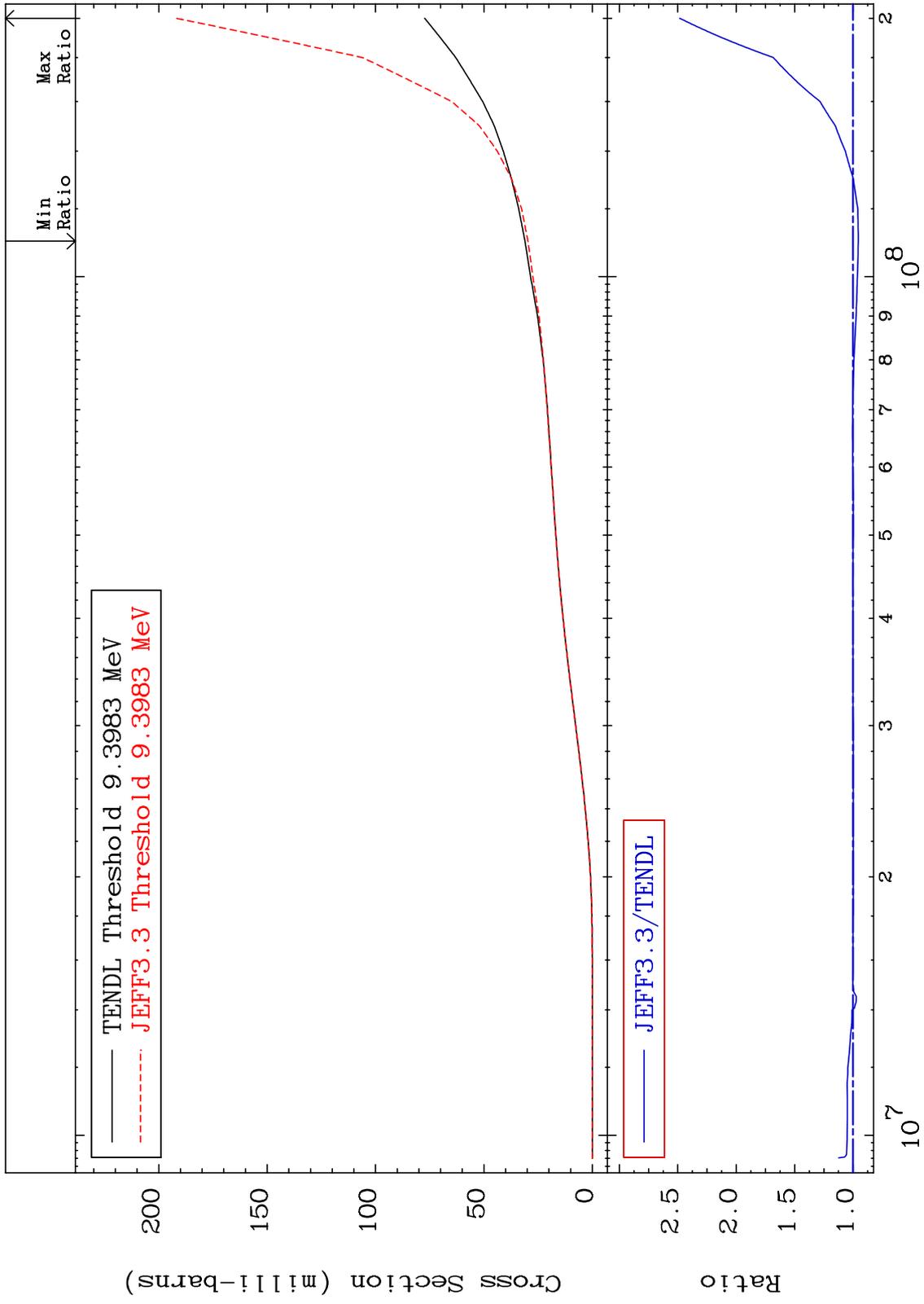
Incident Energy (eV)

52-Te-126

MAT 5243

Tritium Production  
Cross Section

52-Te-126  
-4.453 To 148.3 %



63

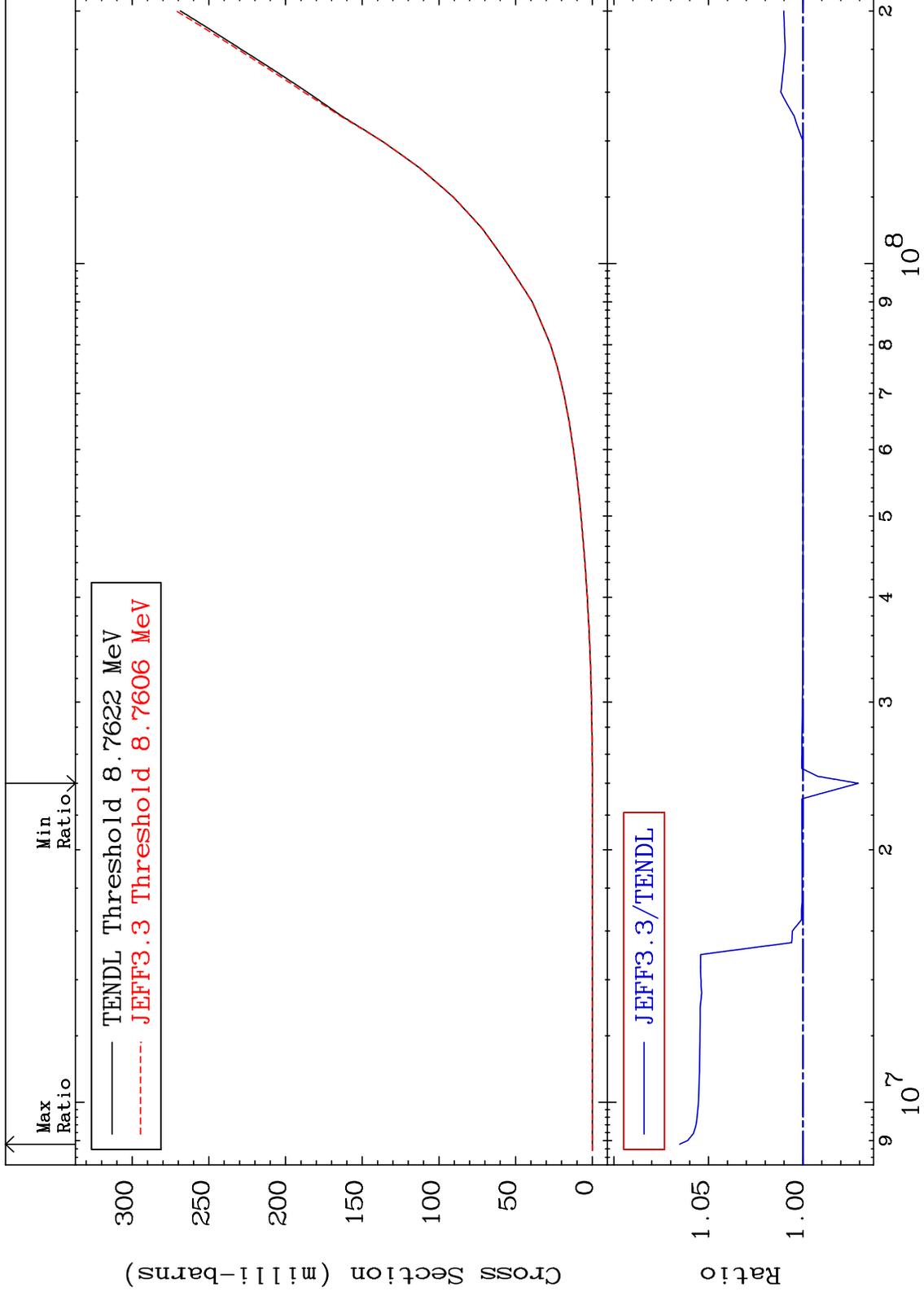
Incident Energy (eV)

52-Te-126

MAT 5243

He-3 Production  
Cross Section

52-Te-126  
-2.927 To 6.522 %



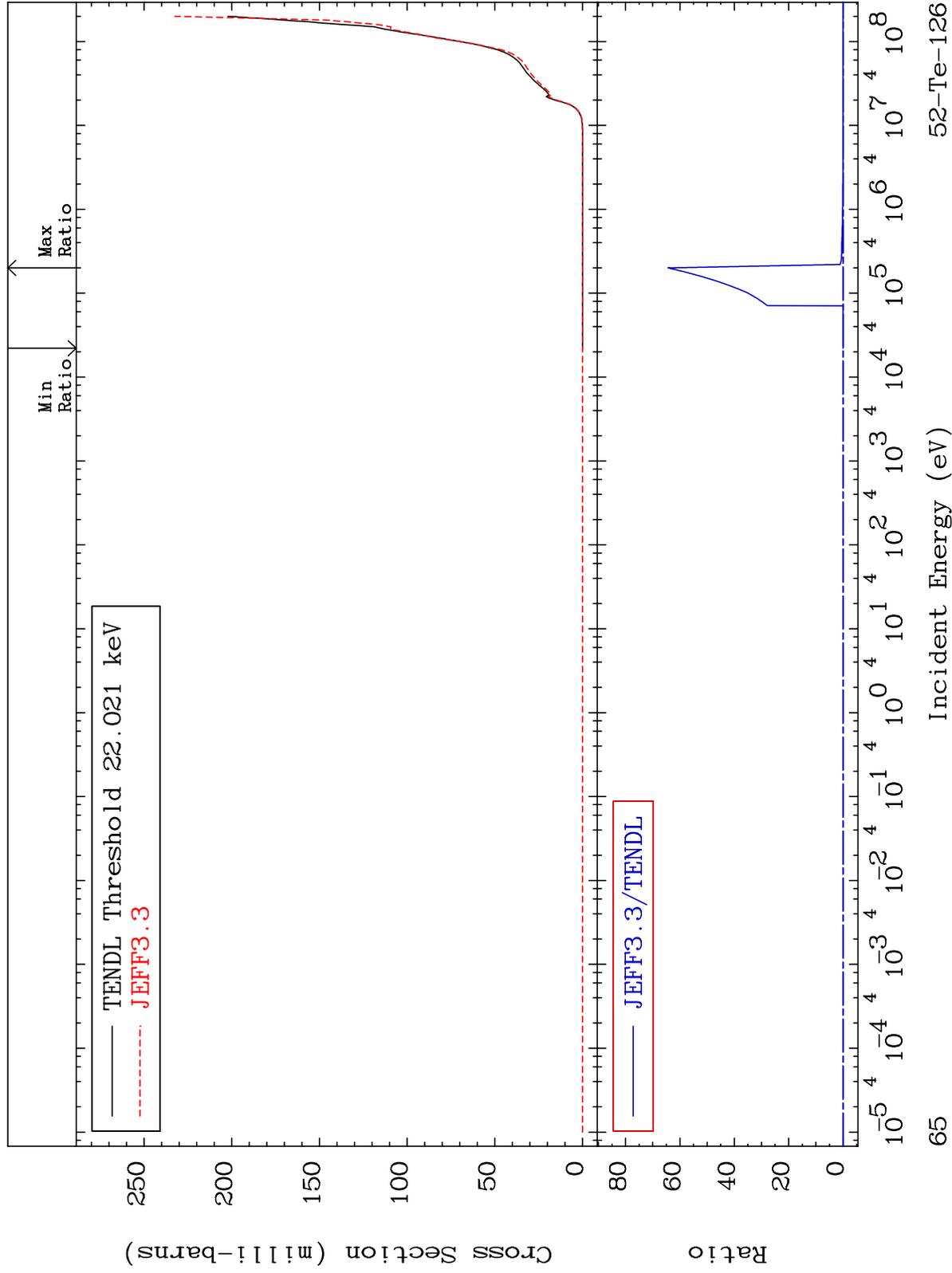
64

52-Te-126

MAT 5243

He-4 Production  
Cross Section

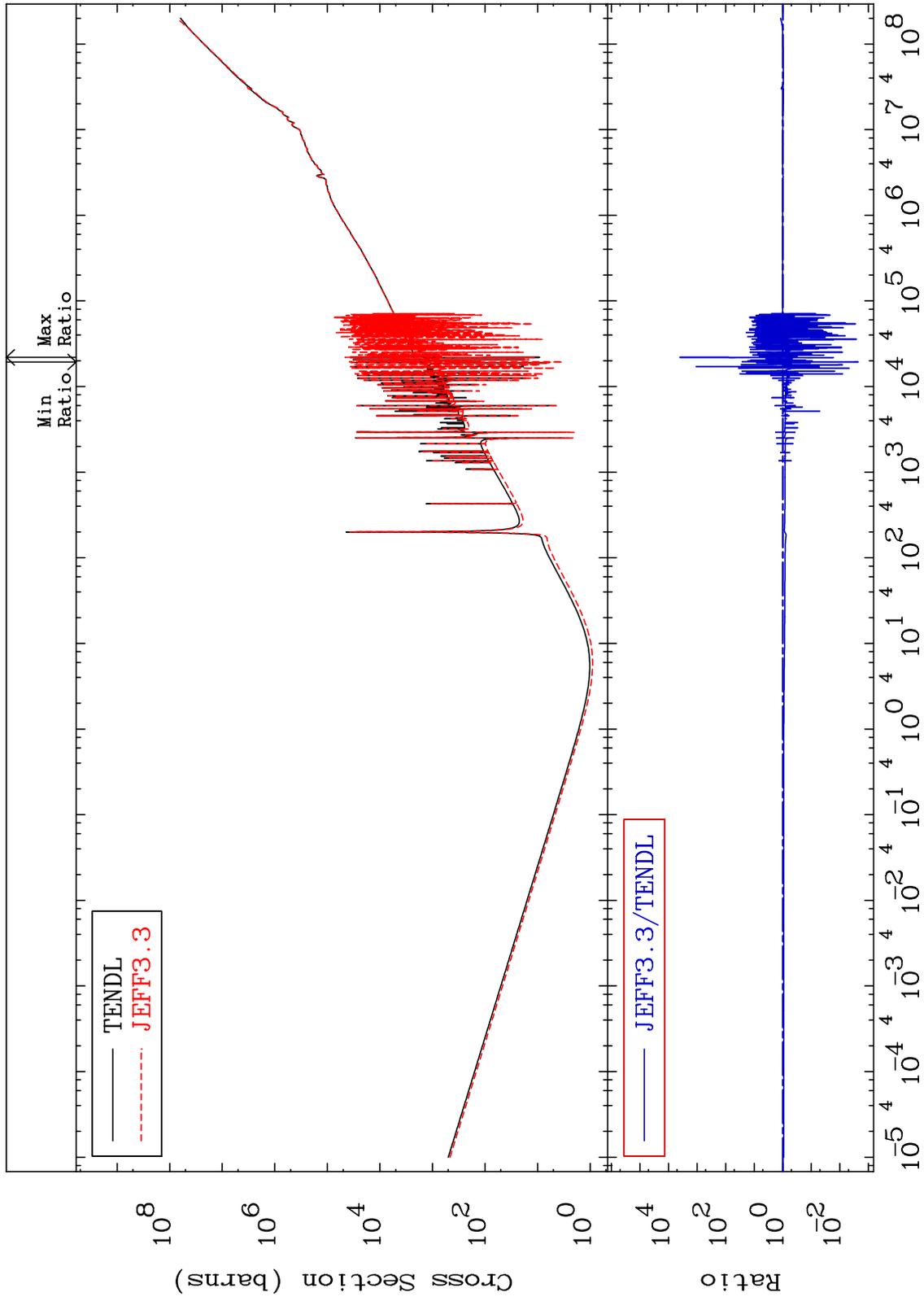
52-Te-126  
-100.0 To 9999. %



MAT 5243

Kerma total (eV-barns)  
Cross Section

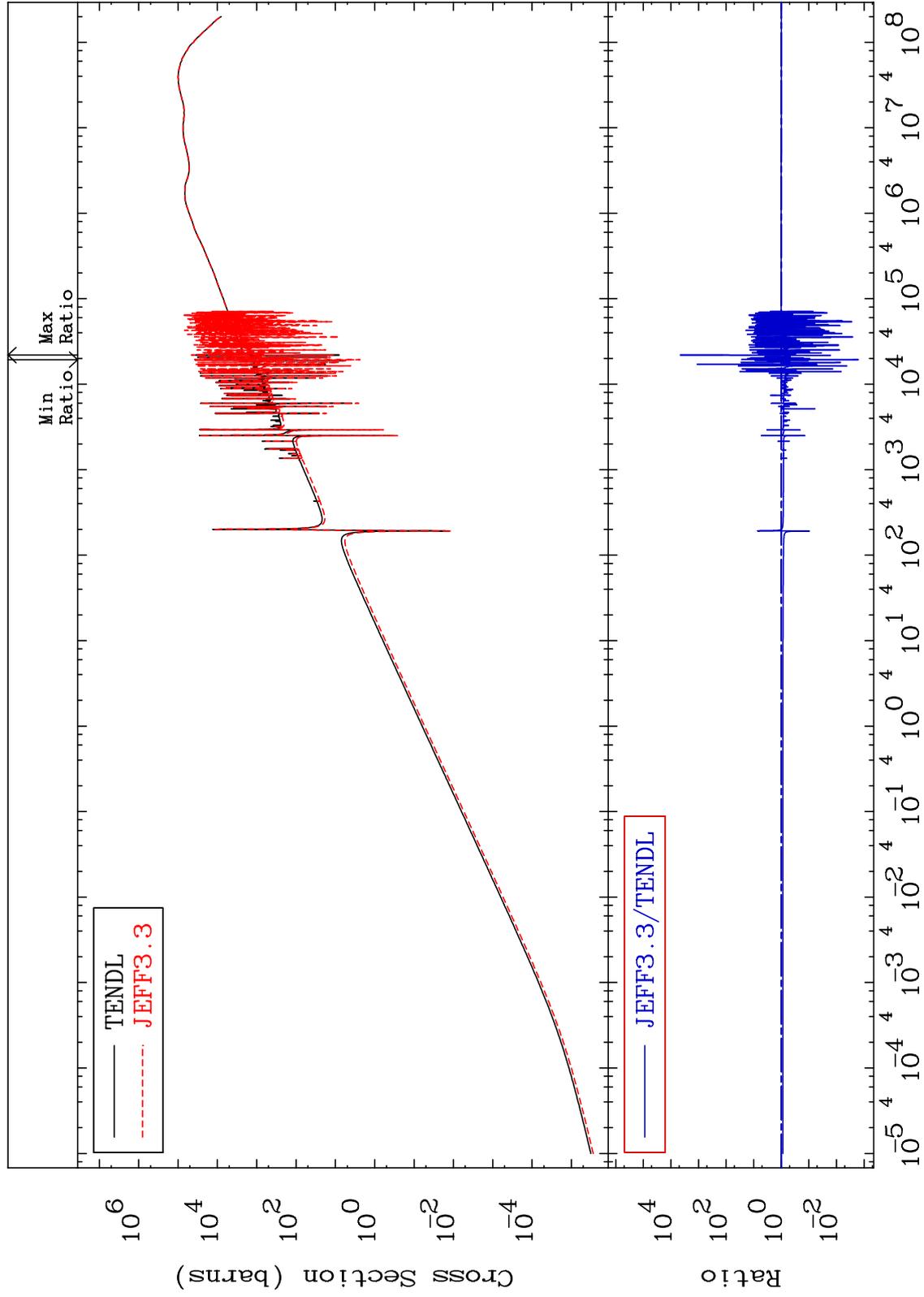
52-Te-126  
-99.78 To 9999. %



MAT 5243

Kerma elastic  
Cross Section

52-Te-126  
-99.84 To 9999. %



67

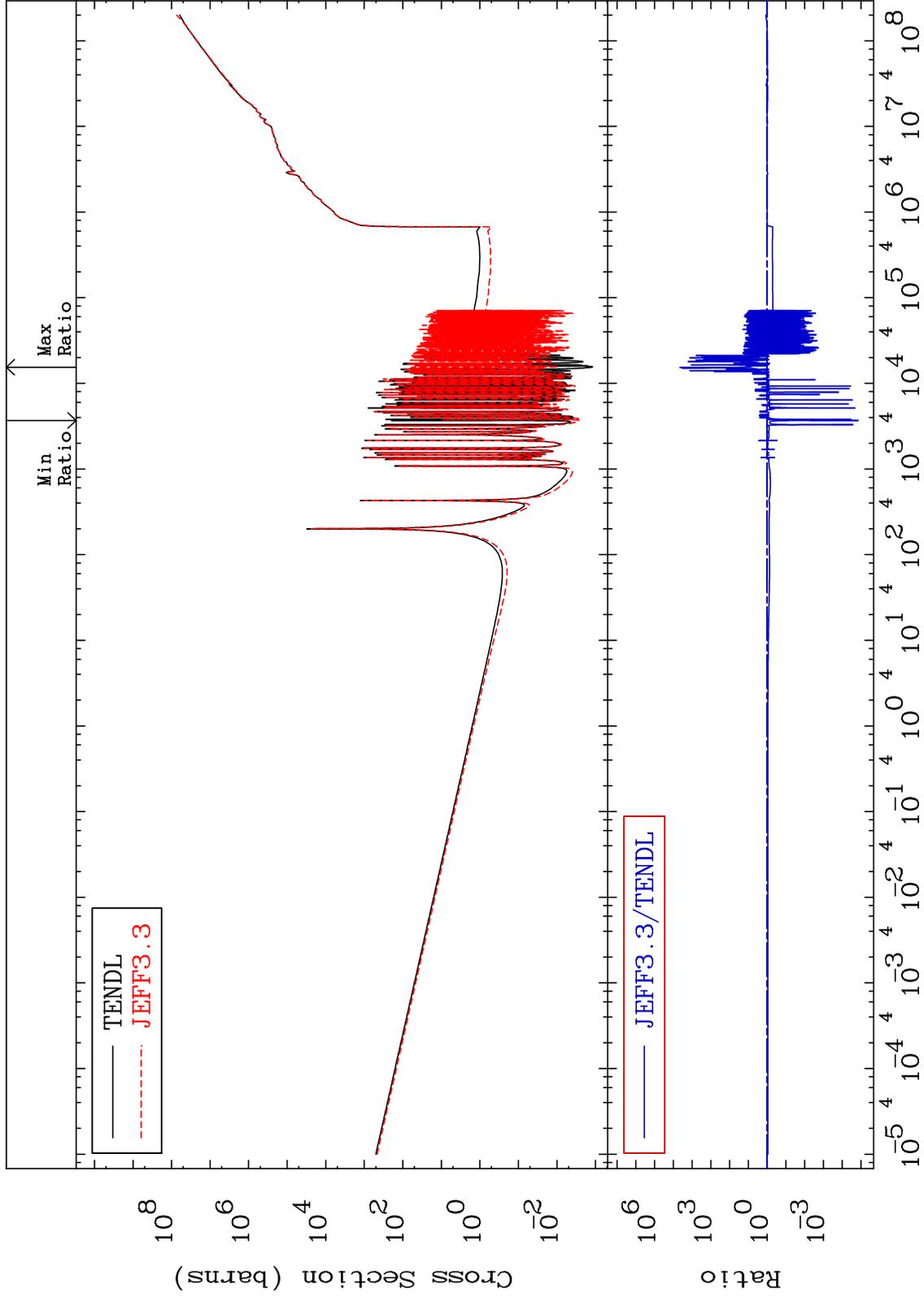
Incident Energy (eV)

52-Te-126

MAT 5243

Kerma non-elastic (all but mt2)  
Cross Section

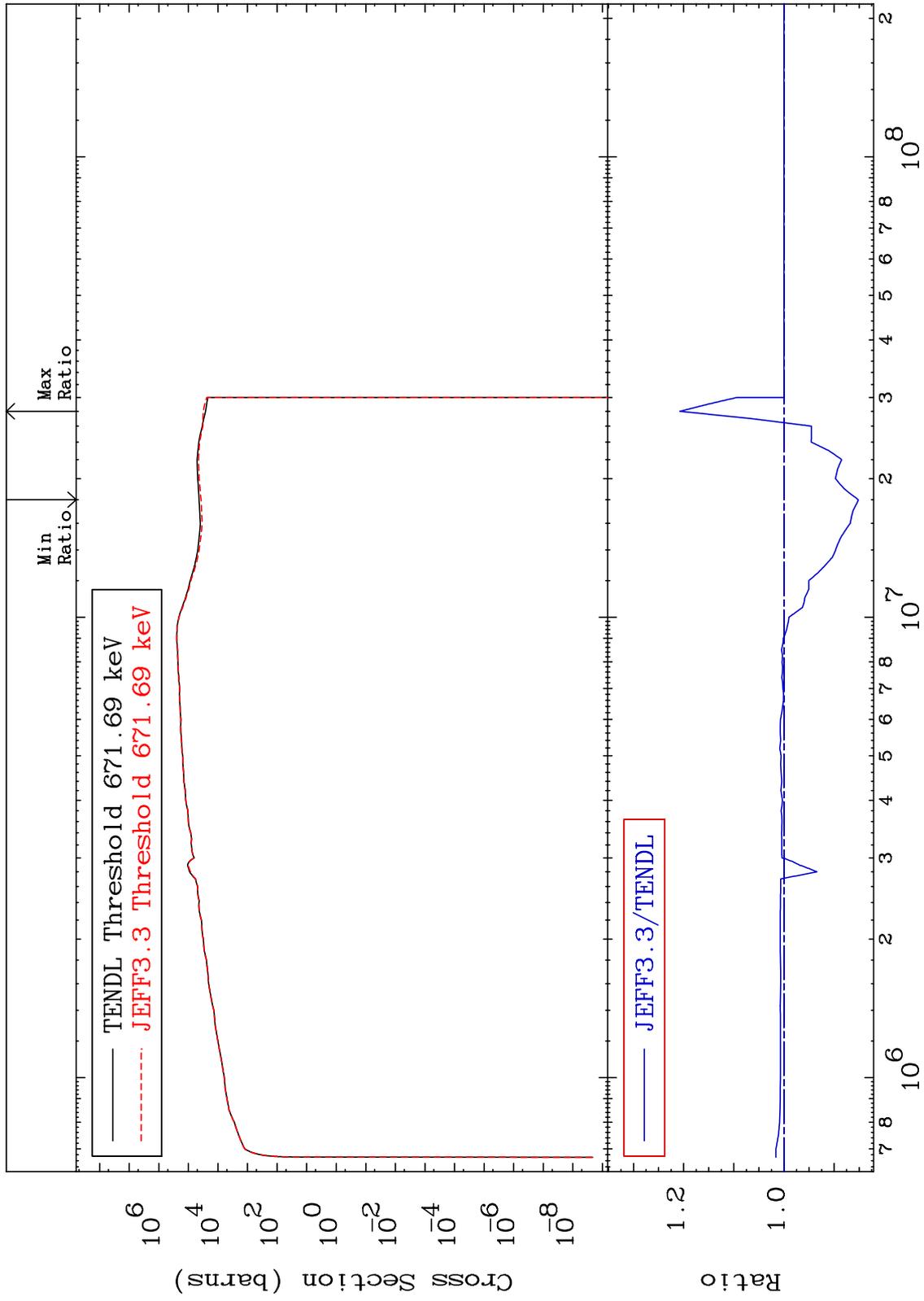
52-Te-126  
-100.0 To 9999. %



MAT 5243

Kerma inelastic (mt51-91)  
Cross Section

52-Te-126  
-14.84 To 20.74 %



69

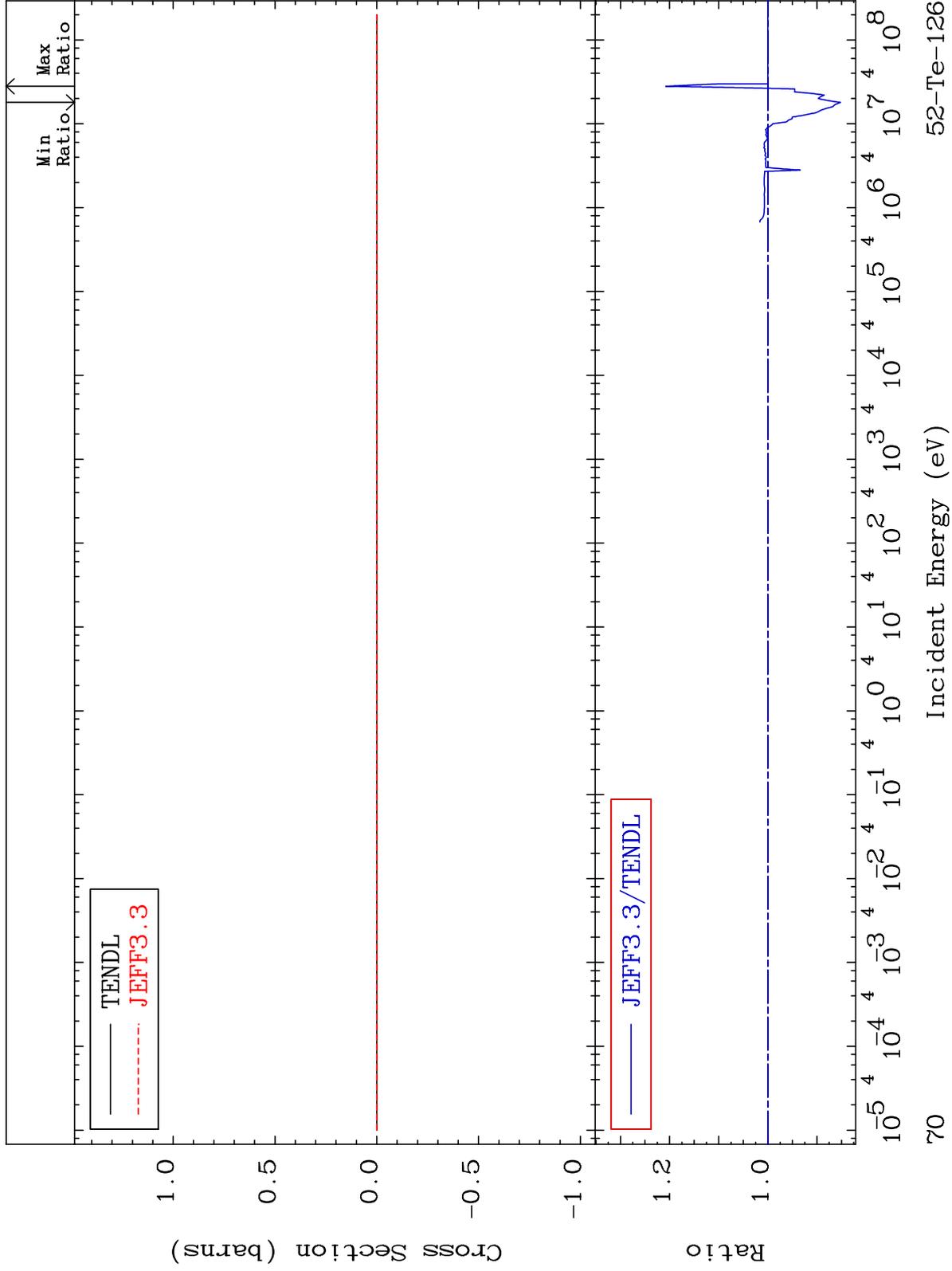
Incident Energy (eV)

52-Te-126

MAT 5243

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

52-Te-126  
-14.84 To 20.74 %



70

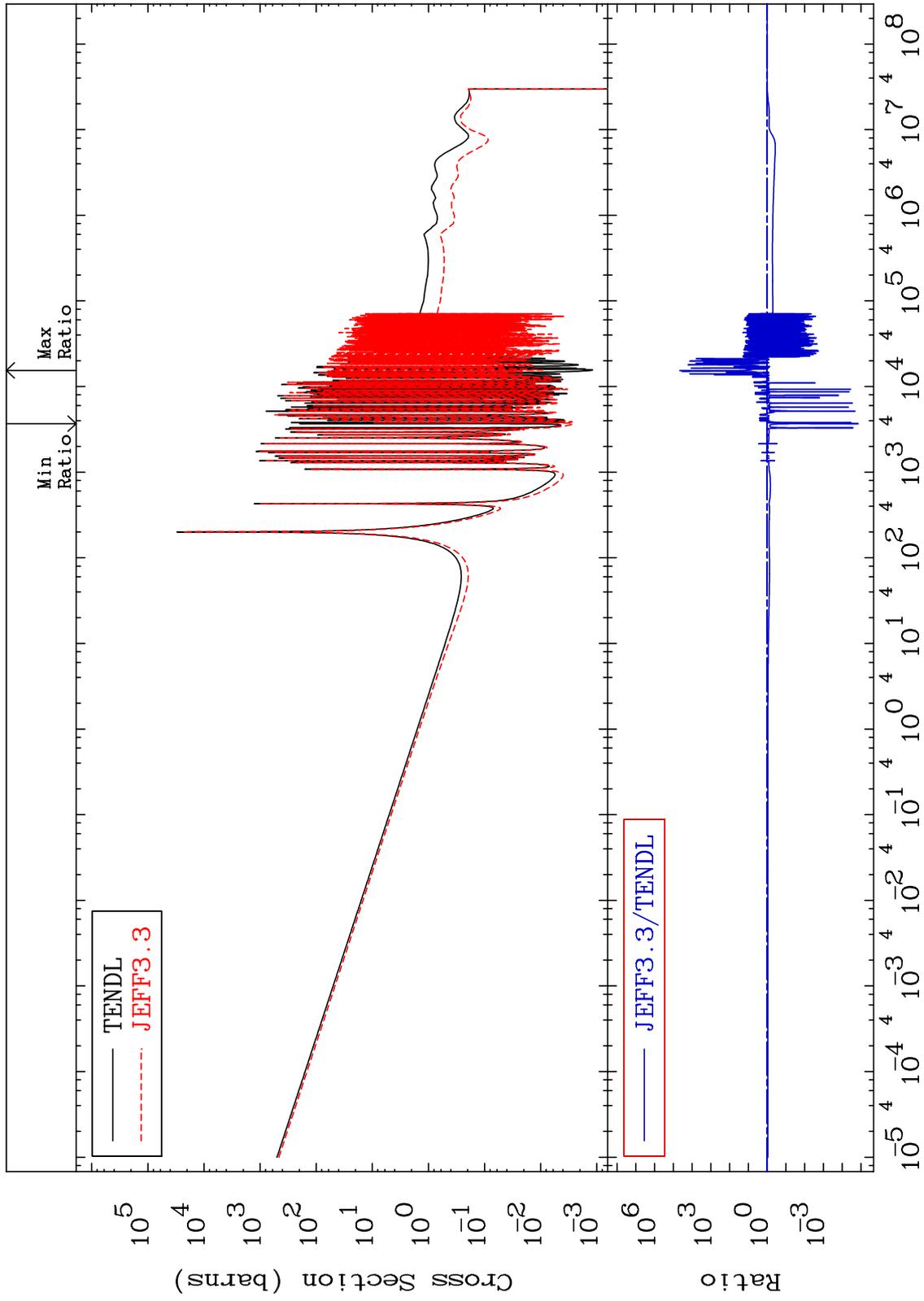
Incident Energy (eV)

52-Te-126

MAT 5243

Kerma capture (mt102)  
Cross Section

52-Te-126  
-100.0 To 9999. %



71

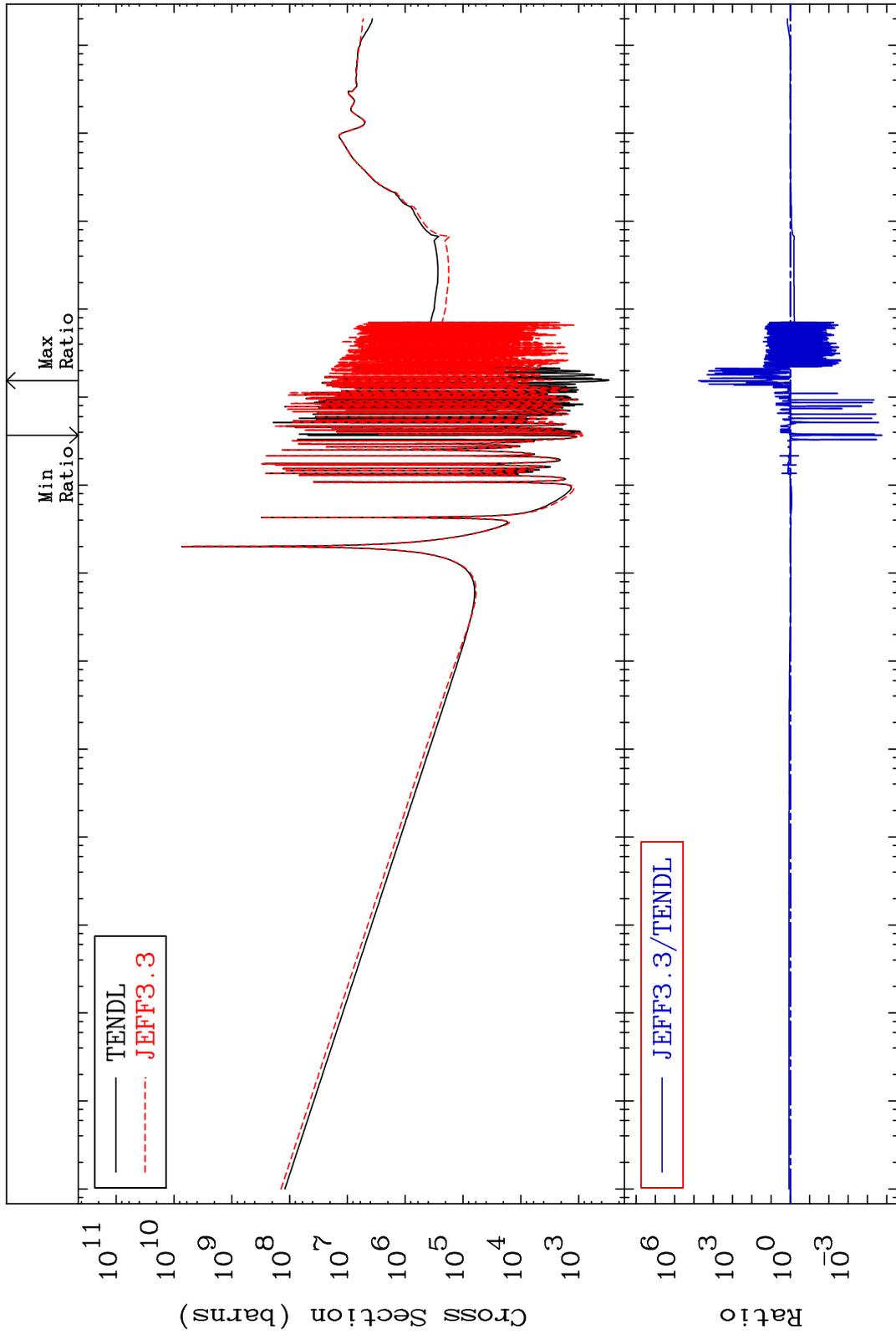
Incident Energy (eV)

52-Te-126

MAT 5243

Total photon (eV-barns)  
Cross Section

52-Te-126  
-100.0 To 9999. %



72

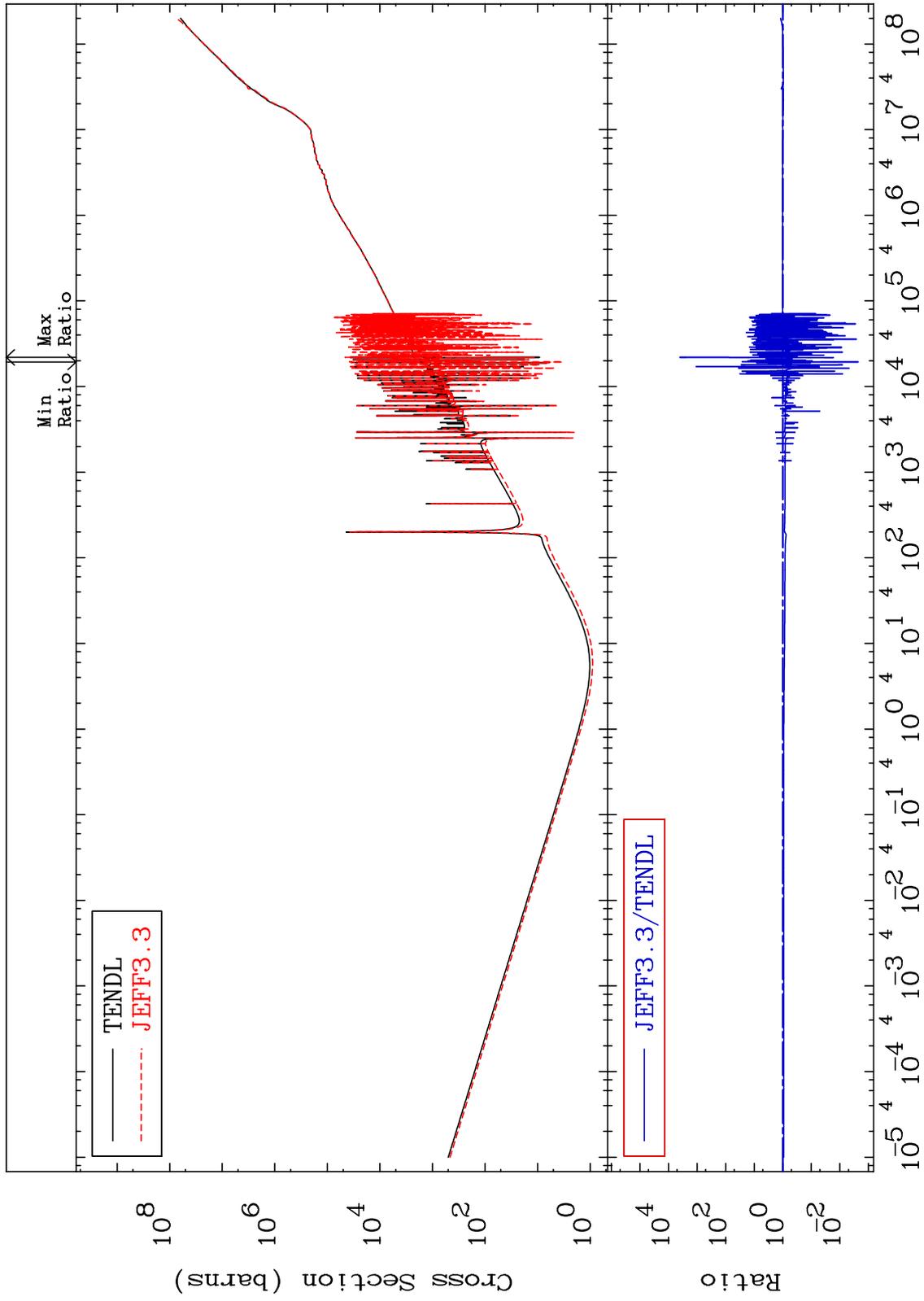
Incident Energy (eV)

52-Te-126

MAT 5243

Total kinematic kerma (high limit)  
Cross Section

52-Te-126  
-99.78 To 9999. %



73

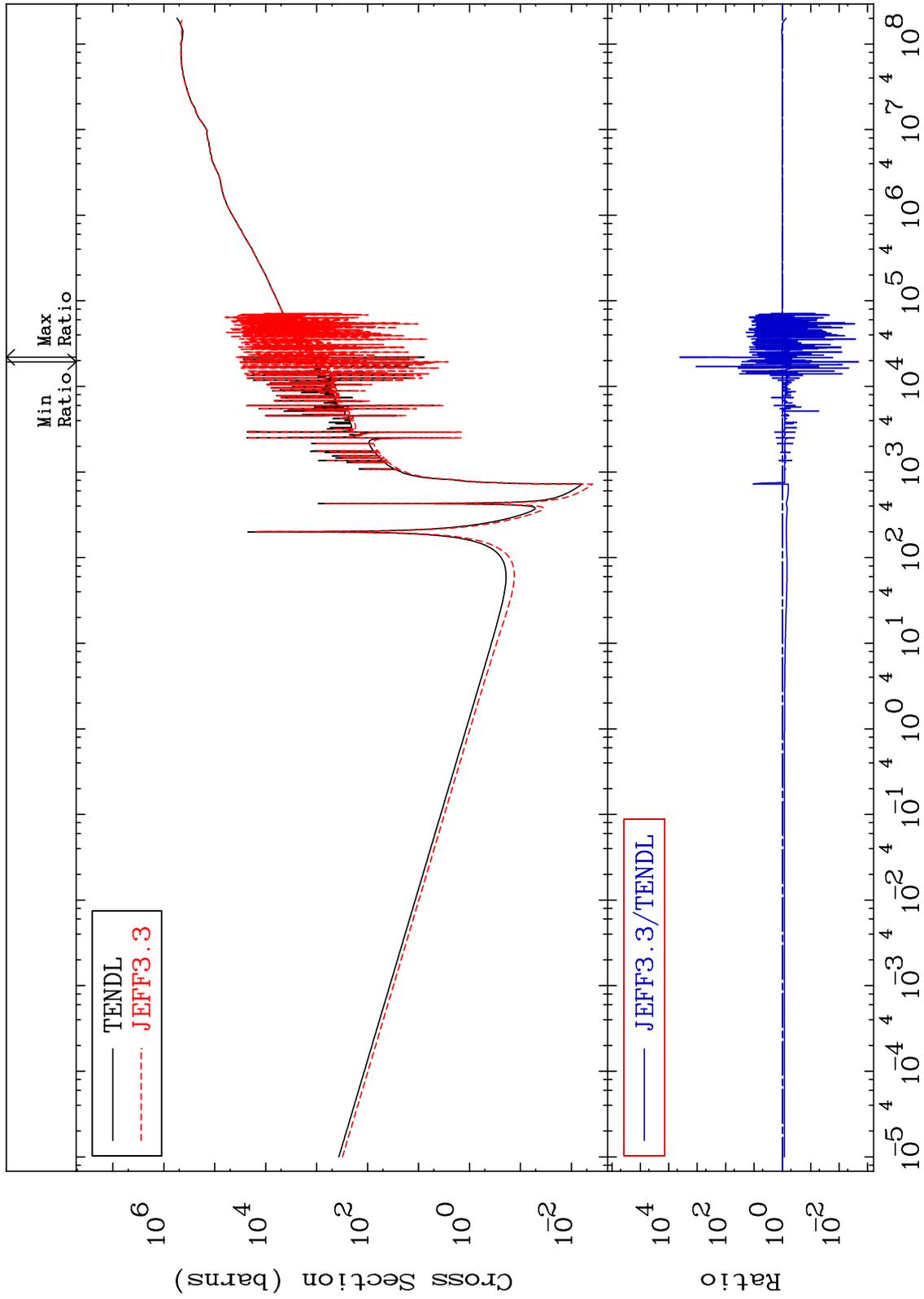
Incident Energy (eV)

52-Te-126

MAT 5243

Dpa total (eV-barns)  
Cross Section

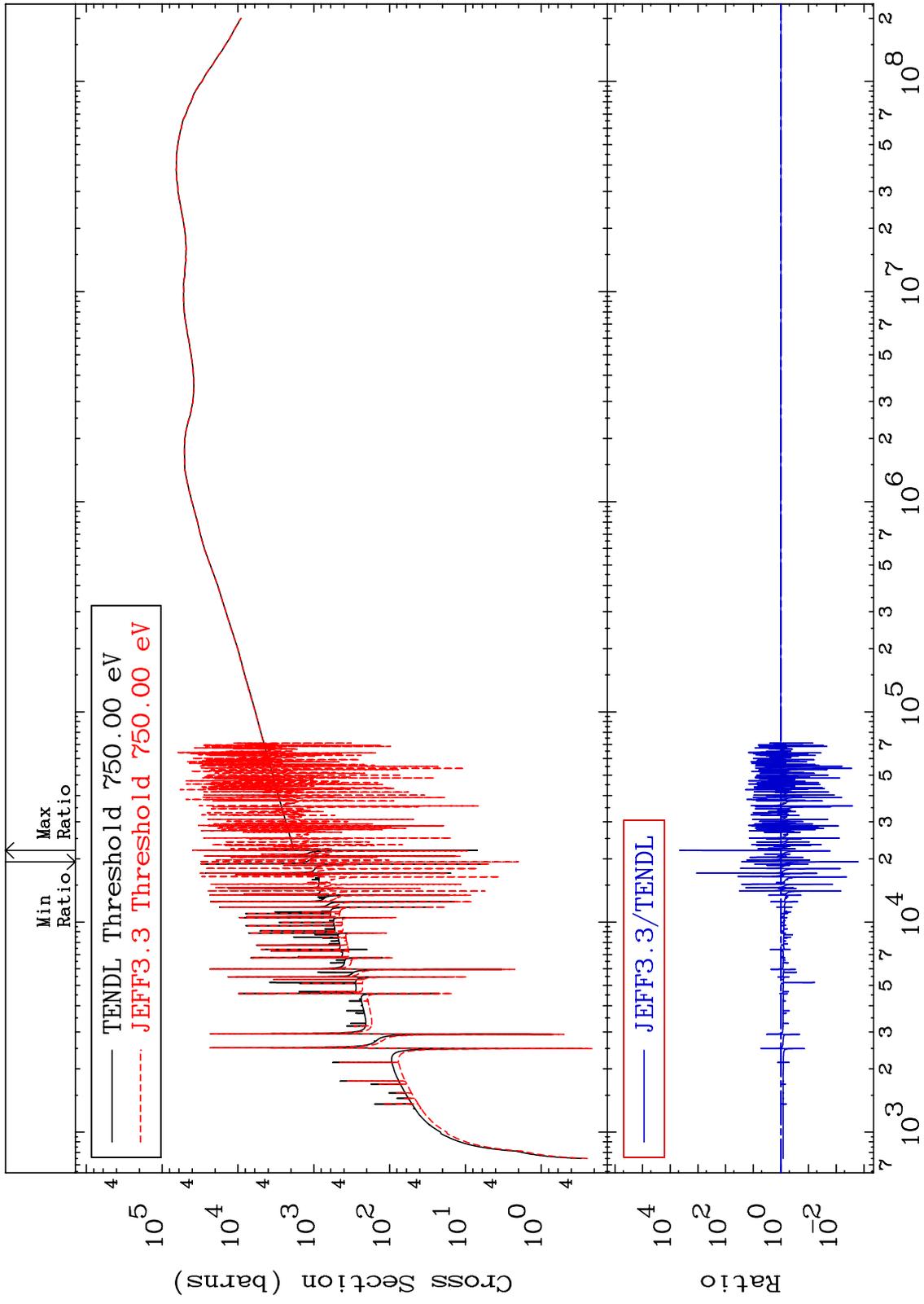
52-Te-126  
-99.79 To 9999. %



MAT 5243

Dpa elastic (mt2)  
Cross Section

52-Te-126  
-99.84 To 9999. %



75

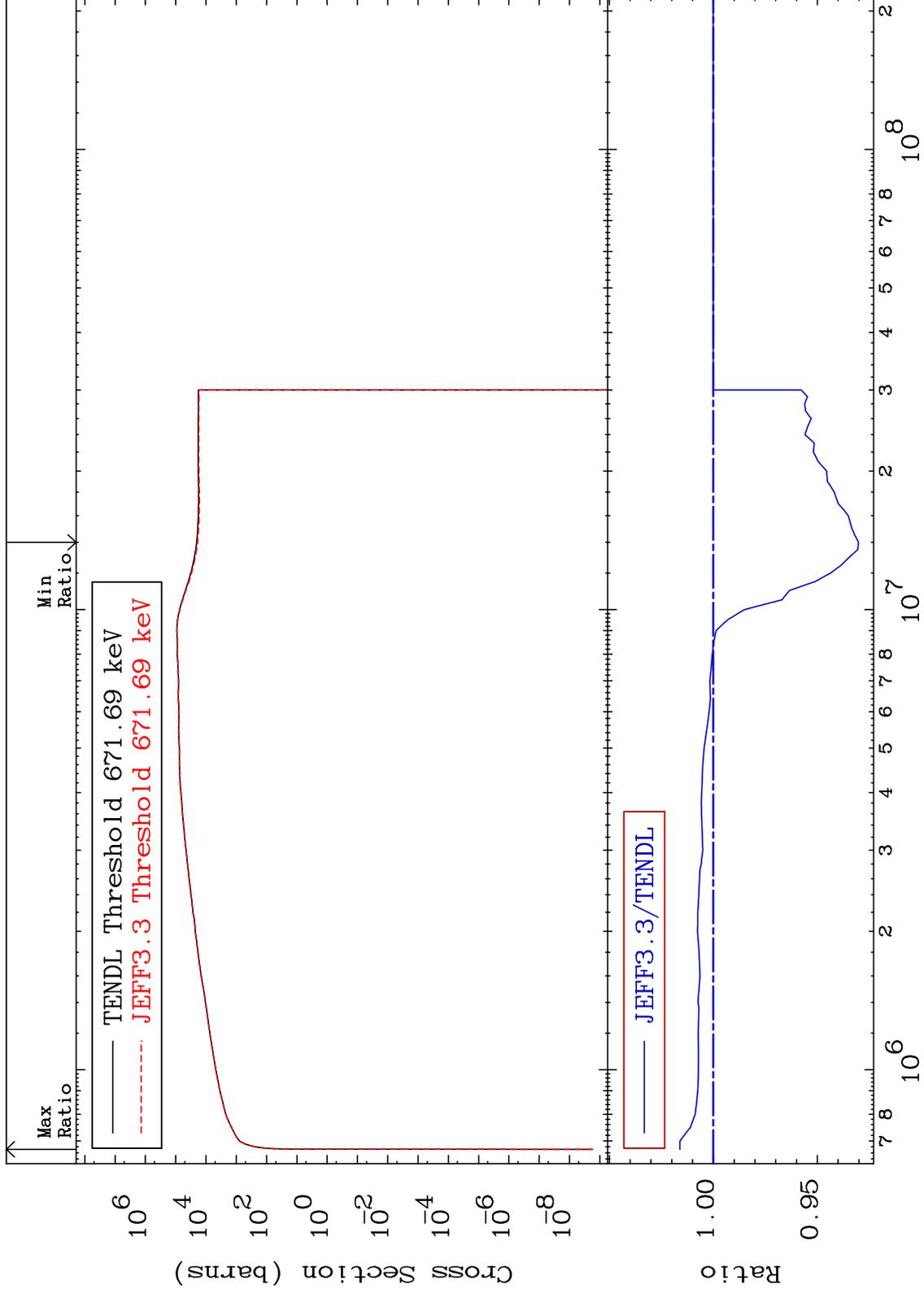
Incident Energy (eV)

52-Te-126

MAT 5243

Dpa inelastic (mt51-91)  
Cross Section

52-Te-126  
-6.976 To 1.604 %



76

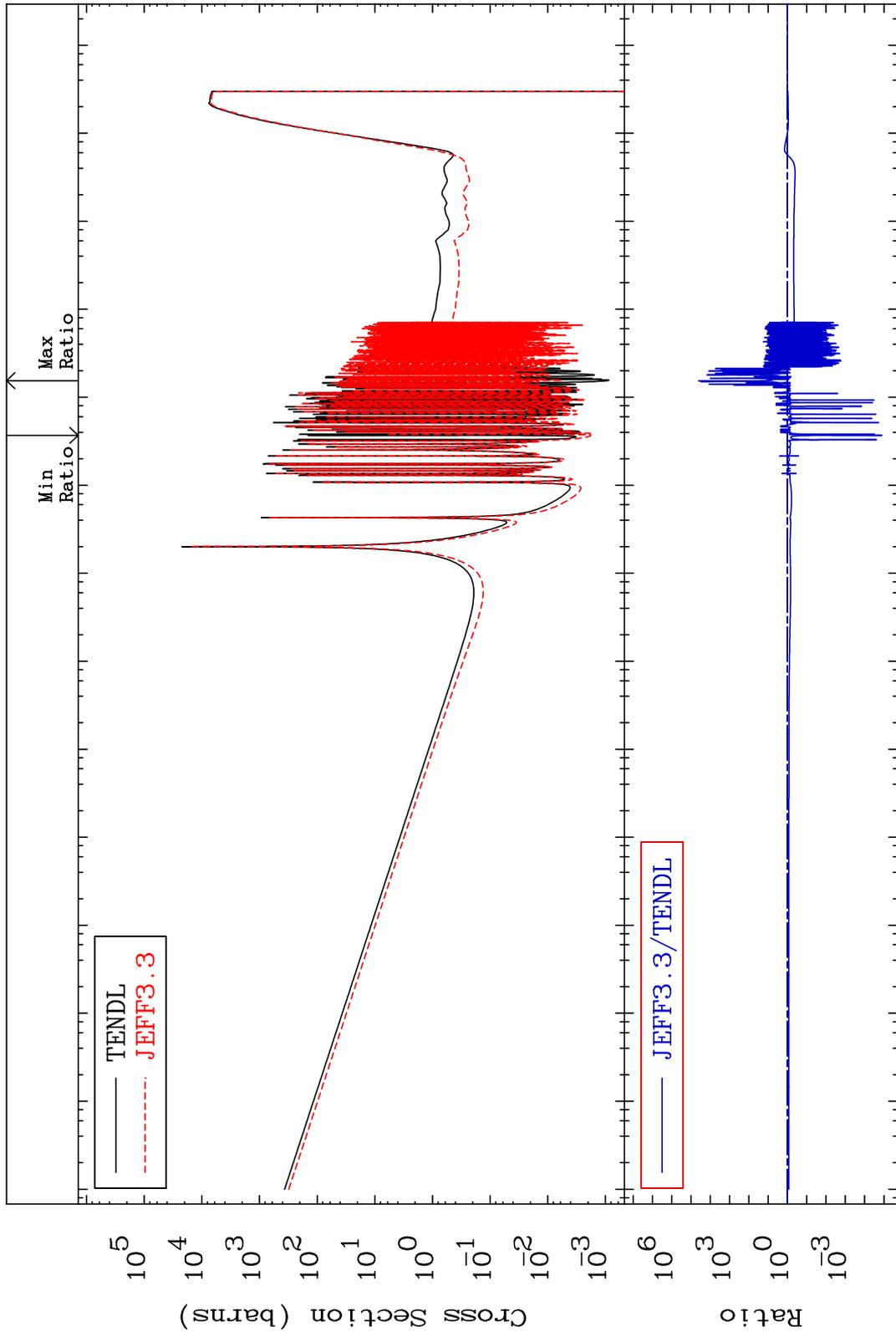
Incident Energy (eV)

52-Te-126

MAT 5243

Dpa disappearance (mt102 -120)  
Cross Section

52-Te-126  
-100.0 To 9999. %



77

Incident Energy (eV)

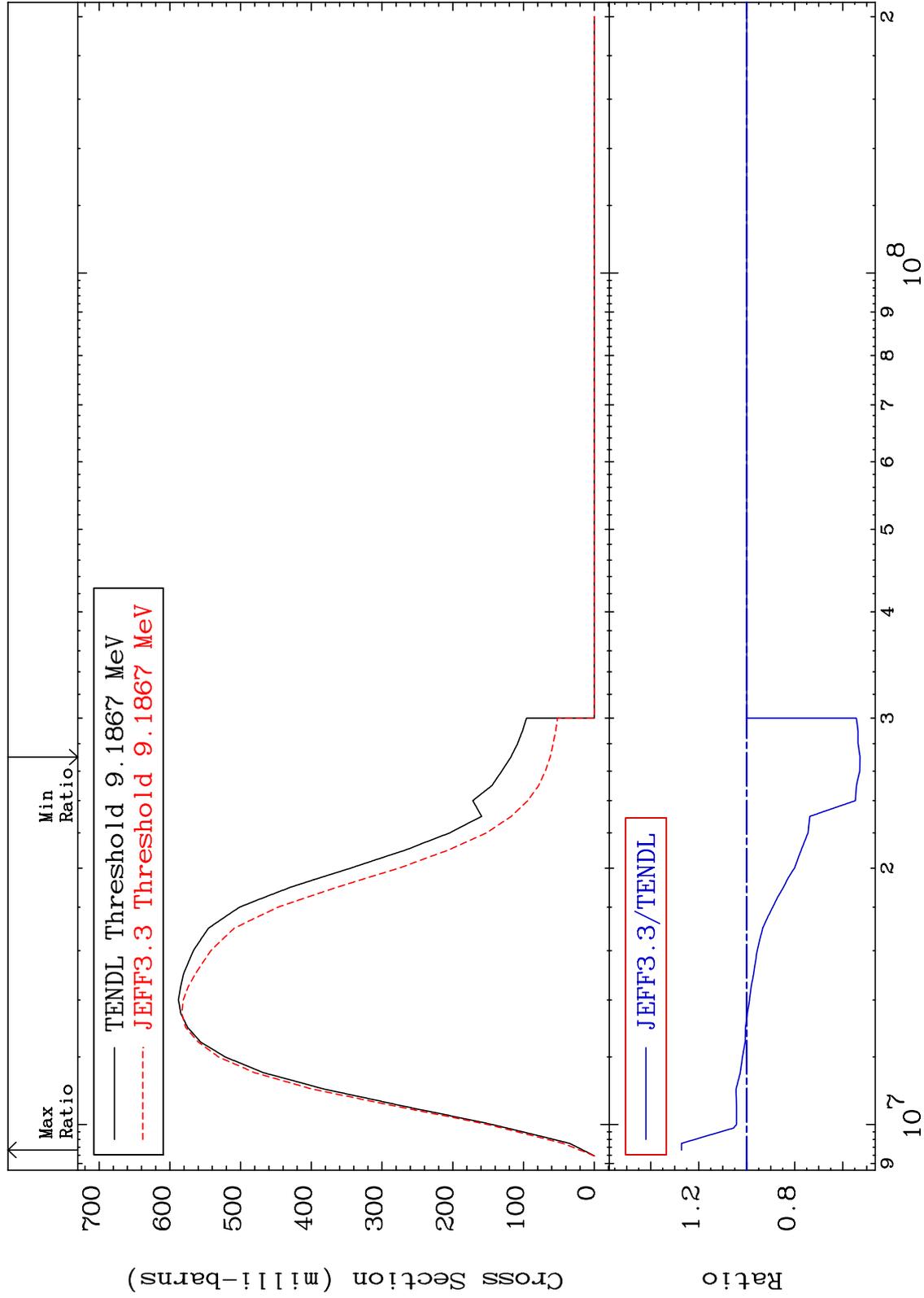
52-Te-126

MAT 5243

(n,2n):52-Te-125g

52-Te-126

Radionuclide Production Cross Section -47.21 To 27.12 %



78

Incident Energy (eV)

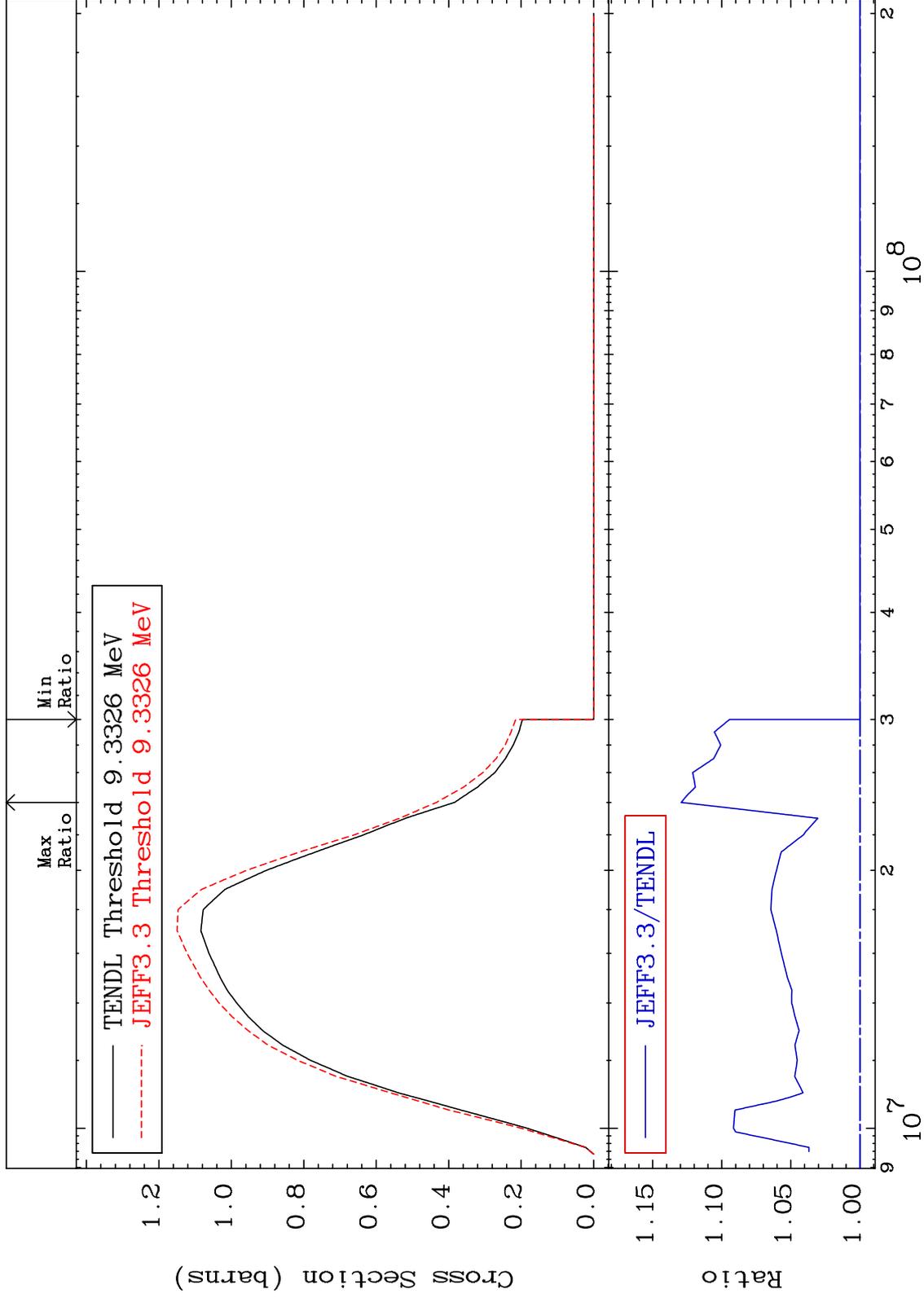
52-Te-126

MAT 5243

(n,2n):52-Te-125m2

52-Te-126

Radionuclide Production Cross Section 0.000 To 12.94 %



79

Incident Energy (eV)

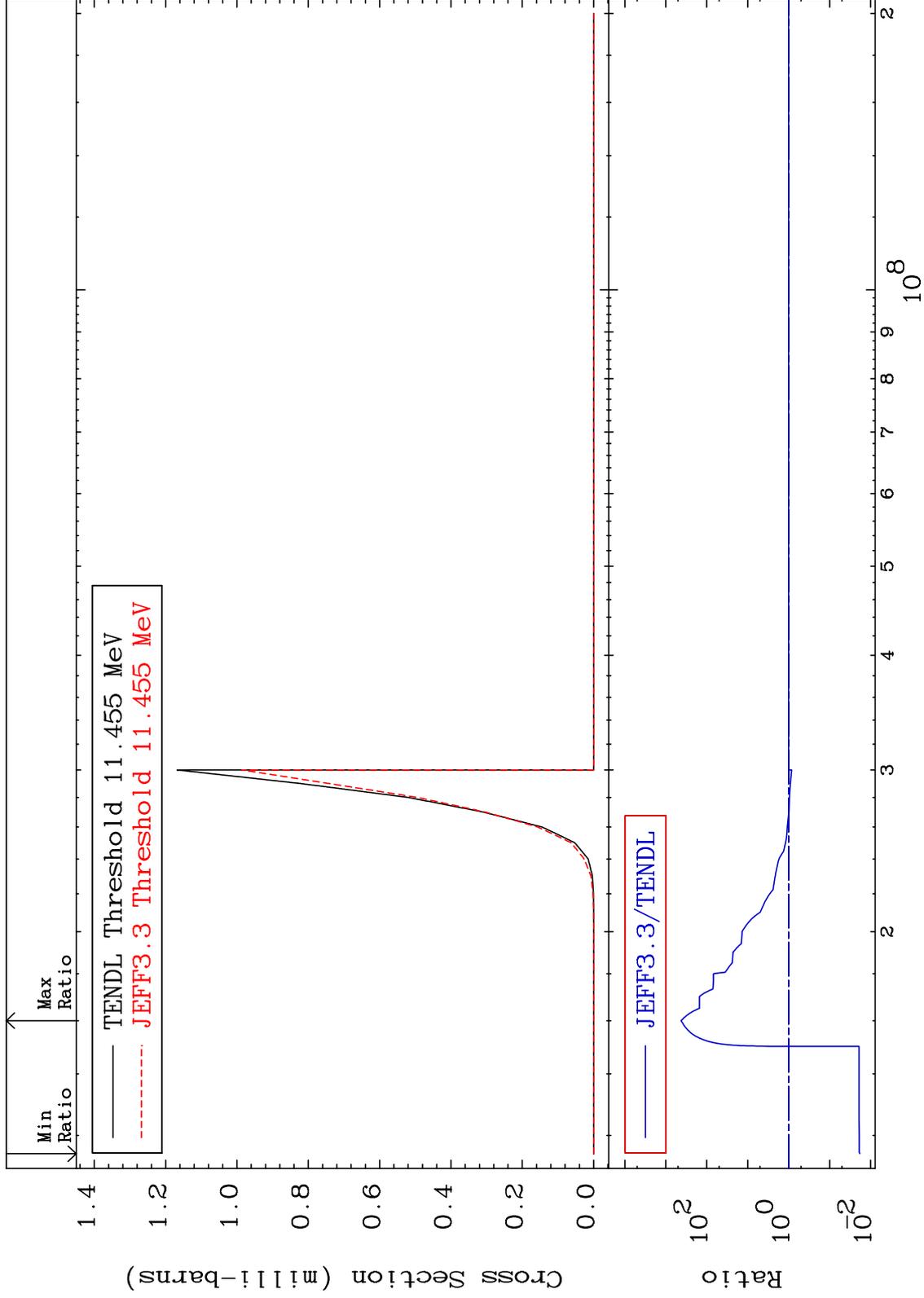
52-Te-126

MAT 5243

(n,2n)  $\alpha$ :50-Sn-121g

52-Te-126

Radionuclide Production Cross Section -98.18 To 9999. %

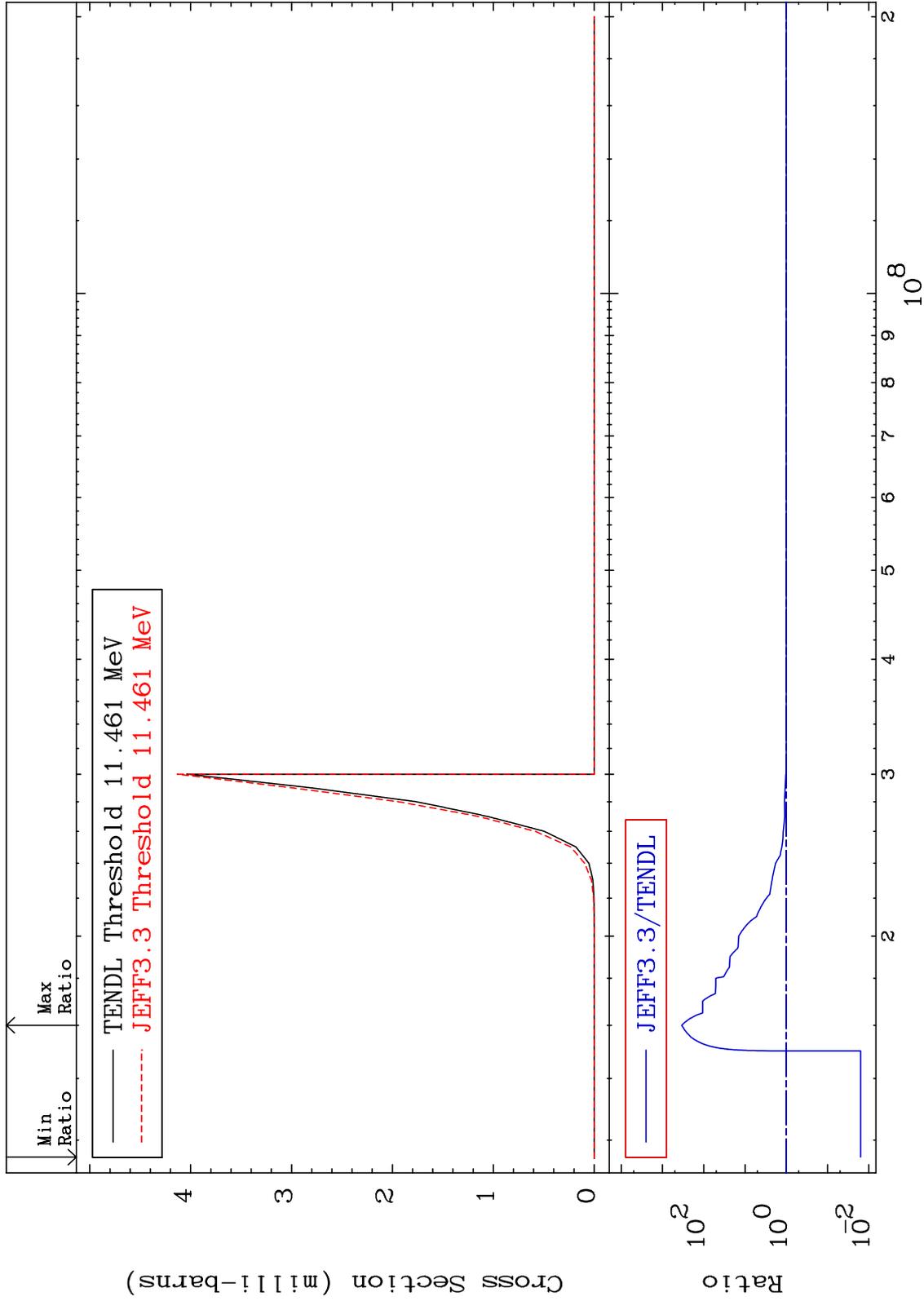


MAT 5243

(n,2n)  $\alpha$ :50-Sn-121m1

52-Te-126

Radionuclide Production Cross Section -98.42 To 9999. %

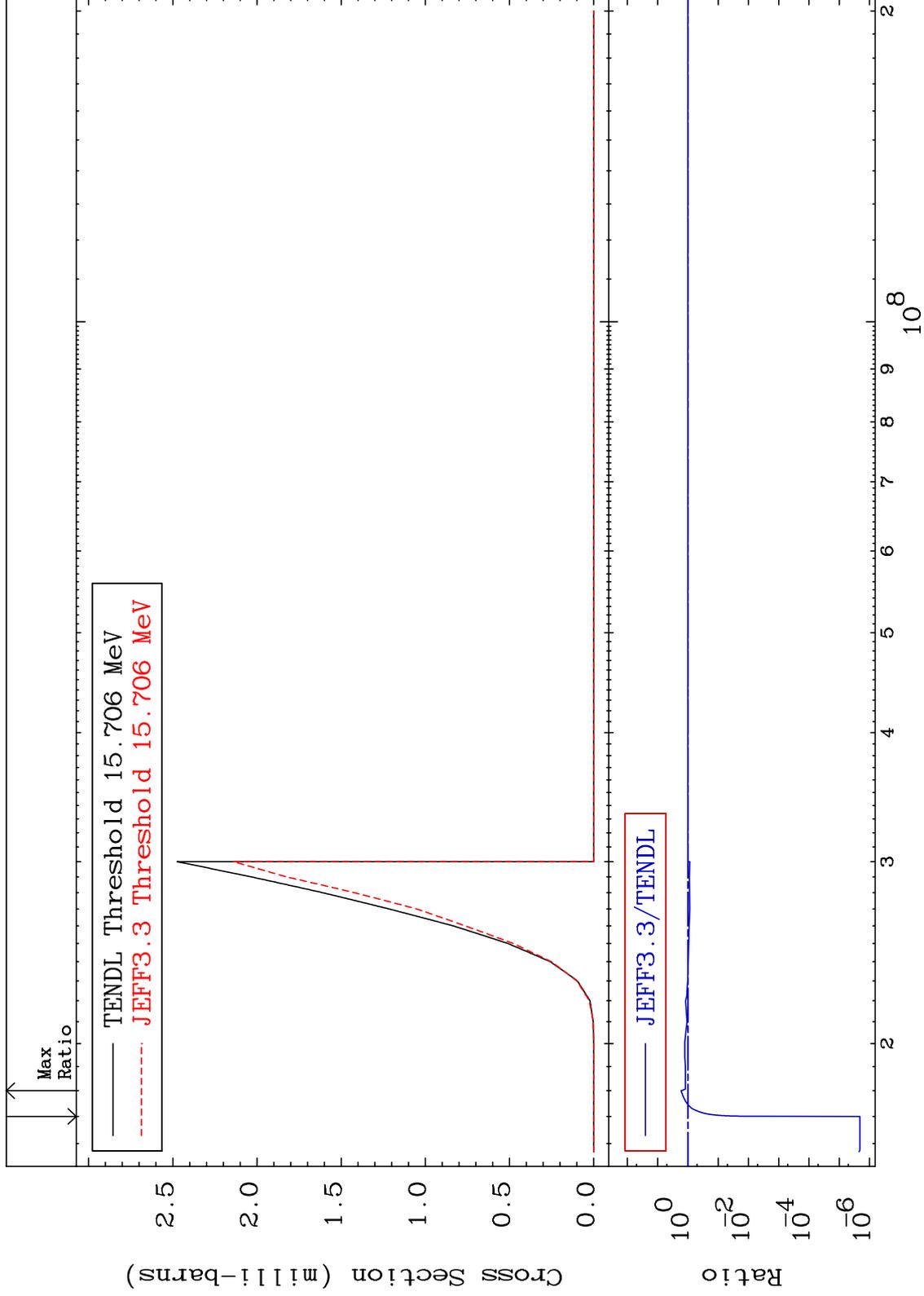


MAT 5243

(n, n') d:51-Sb-124g

52-Te-126

Radionuclide Production Cross Section -100.0 To 67.66 %

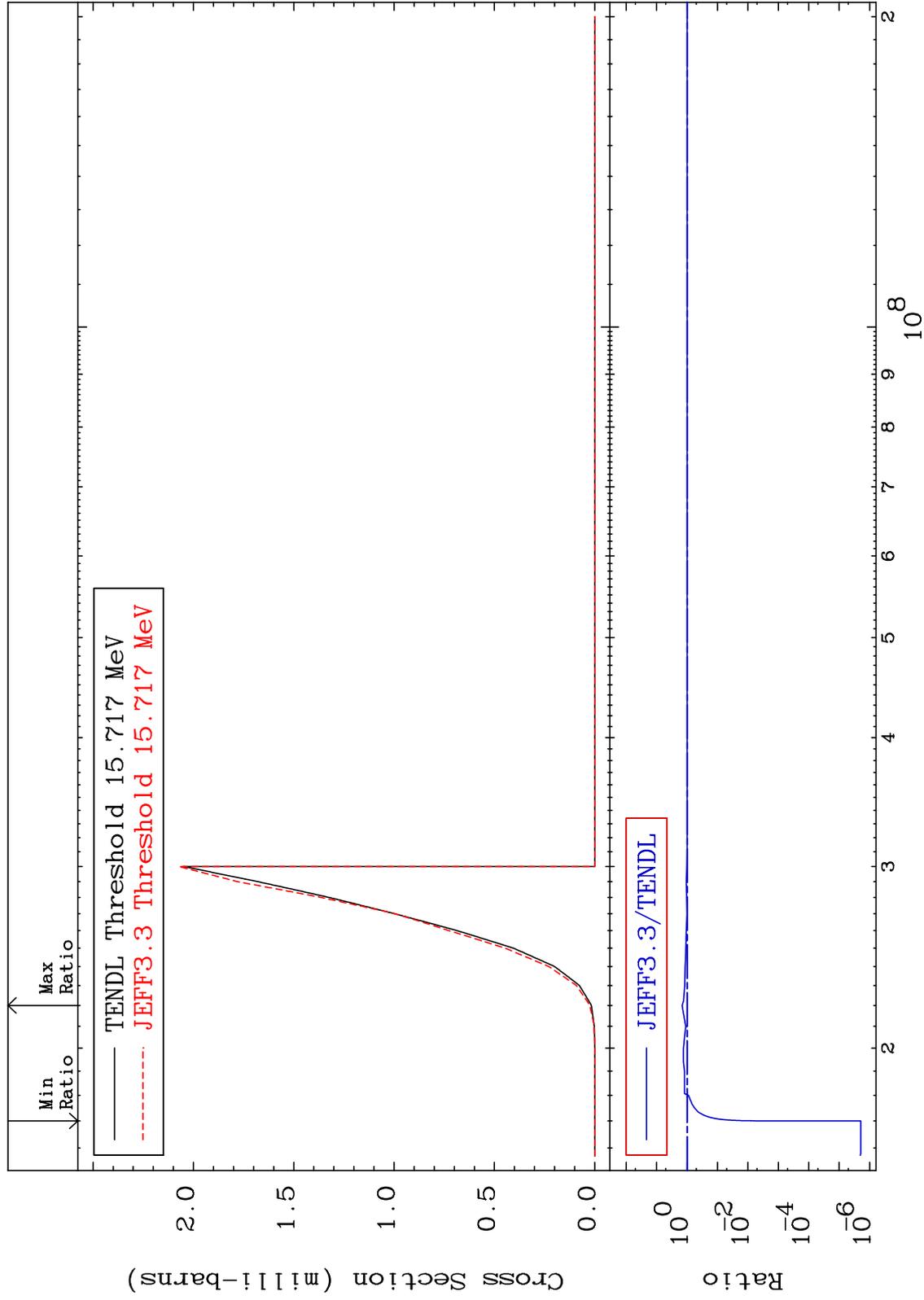


MAT 5243

(n, n') d:51-Sb-124m1

52-Te-126

Radionuclide Production Cross Section -100.0 To 44.62 %

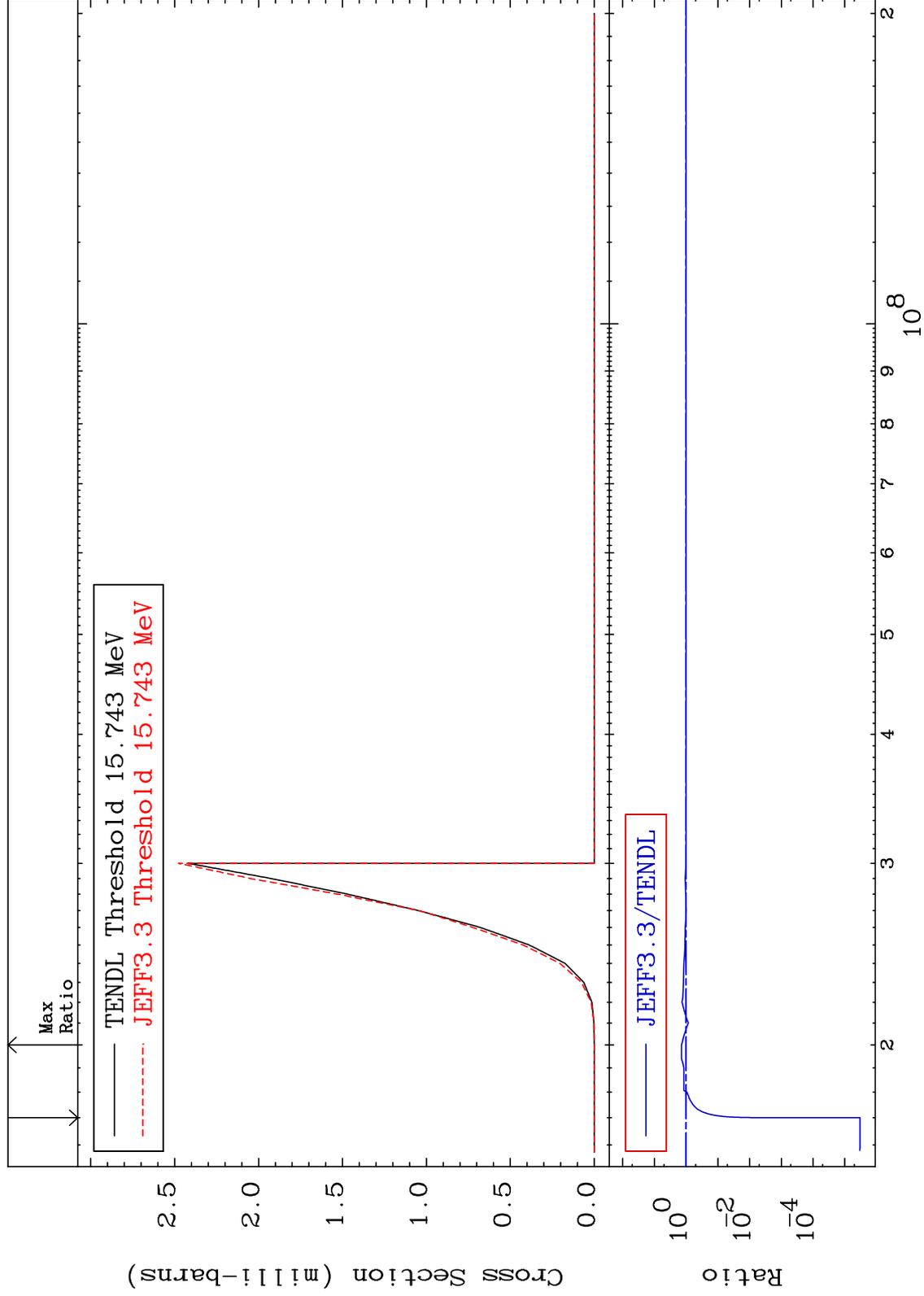


MAT 5243

(n, n') d:51-Sb-124m2

52-Te-126

Radionuclide Production Cross Section -100.0 To 39.37 %

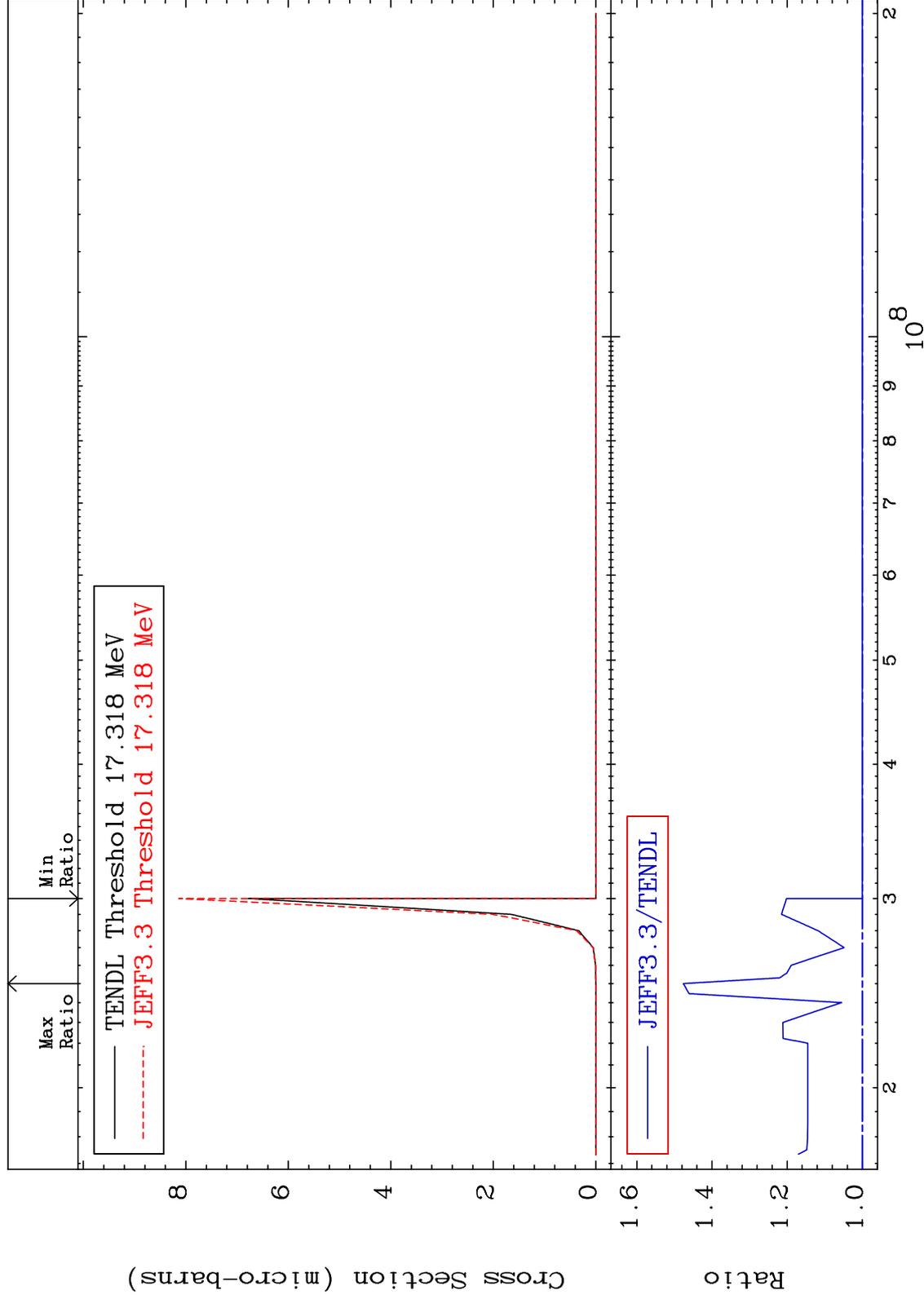


MAT 5243

(n, n') He-3:50-Sn-123g

52-Te-126

Radionuclide Production Cross Section 0.000 To 47.61 %



85

Incident Energy (eV)

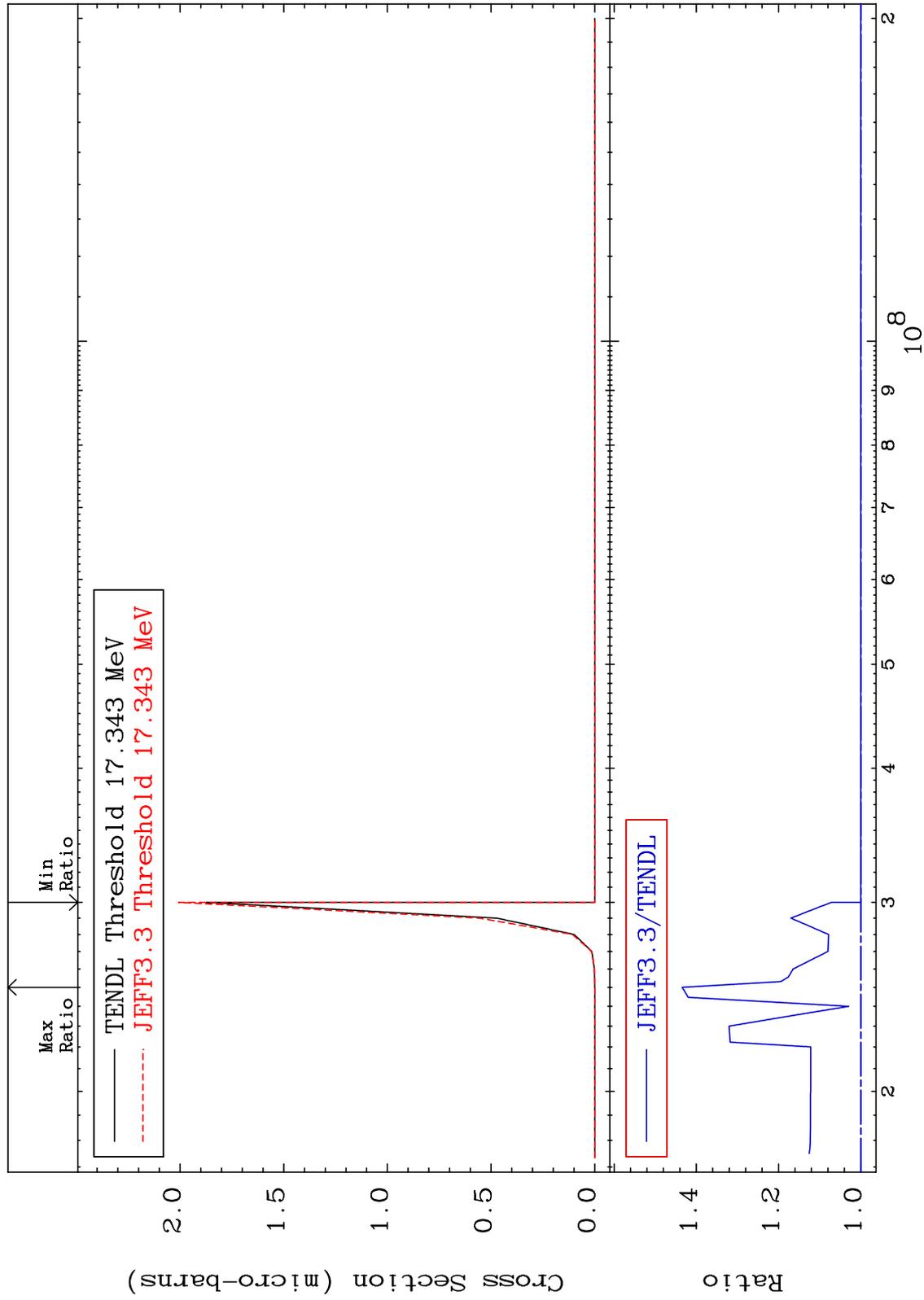
52-Te-126

MAT 5243

(n, n') He-3:50-Sn-123m1

52-Te-126

Radionuclide Production Cross Section 0.000 To 43.44 %

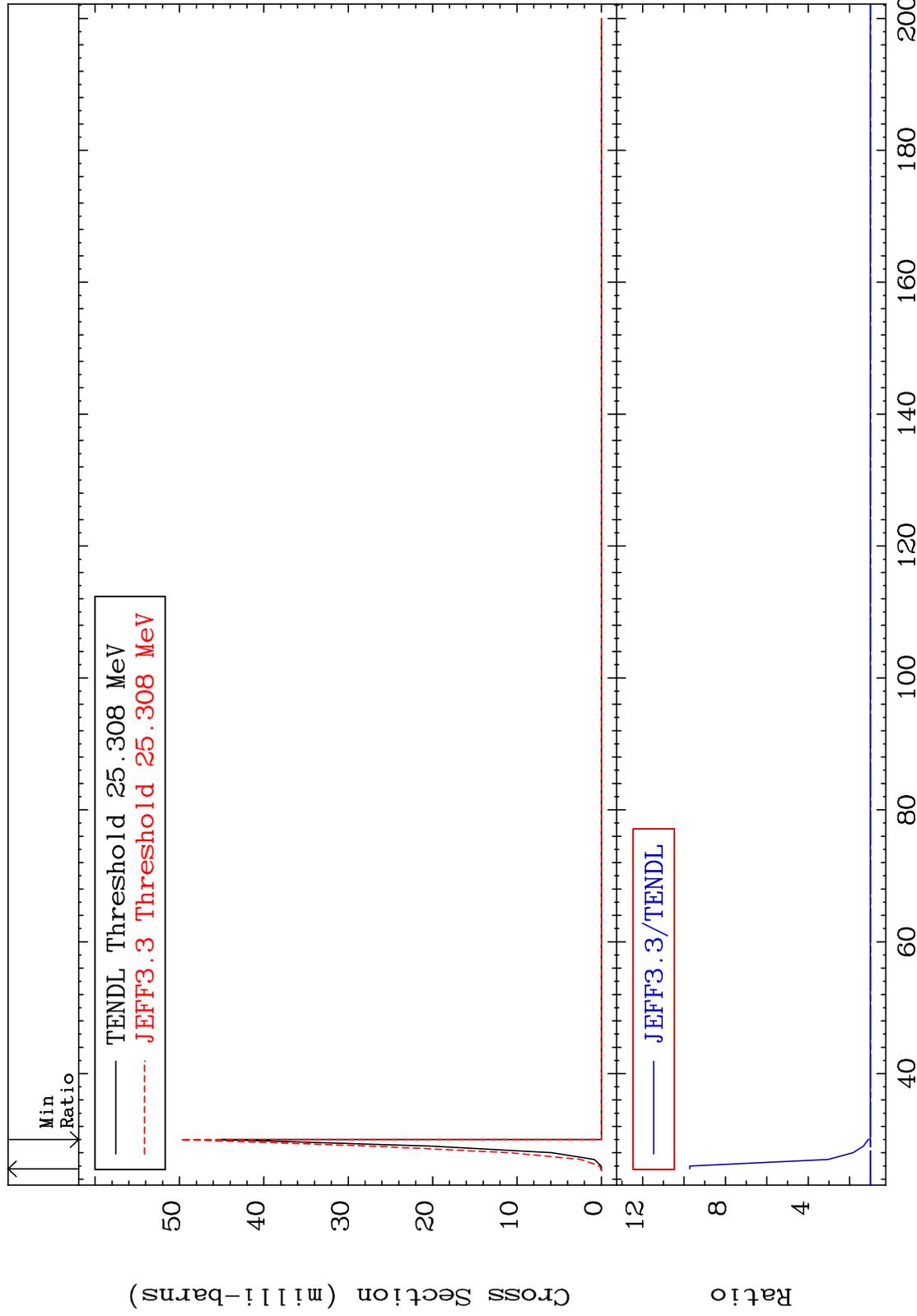


MAT 5243

(n,4n):52-Te-126g

52-Te-126

Radionuclide Production Cross Section 0.000 To 872.3 %

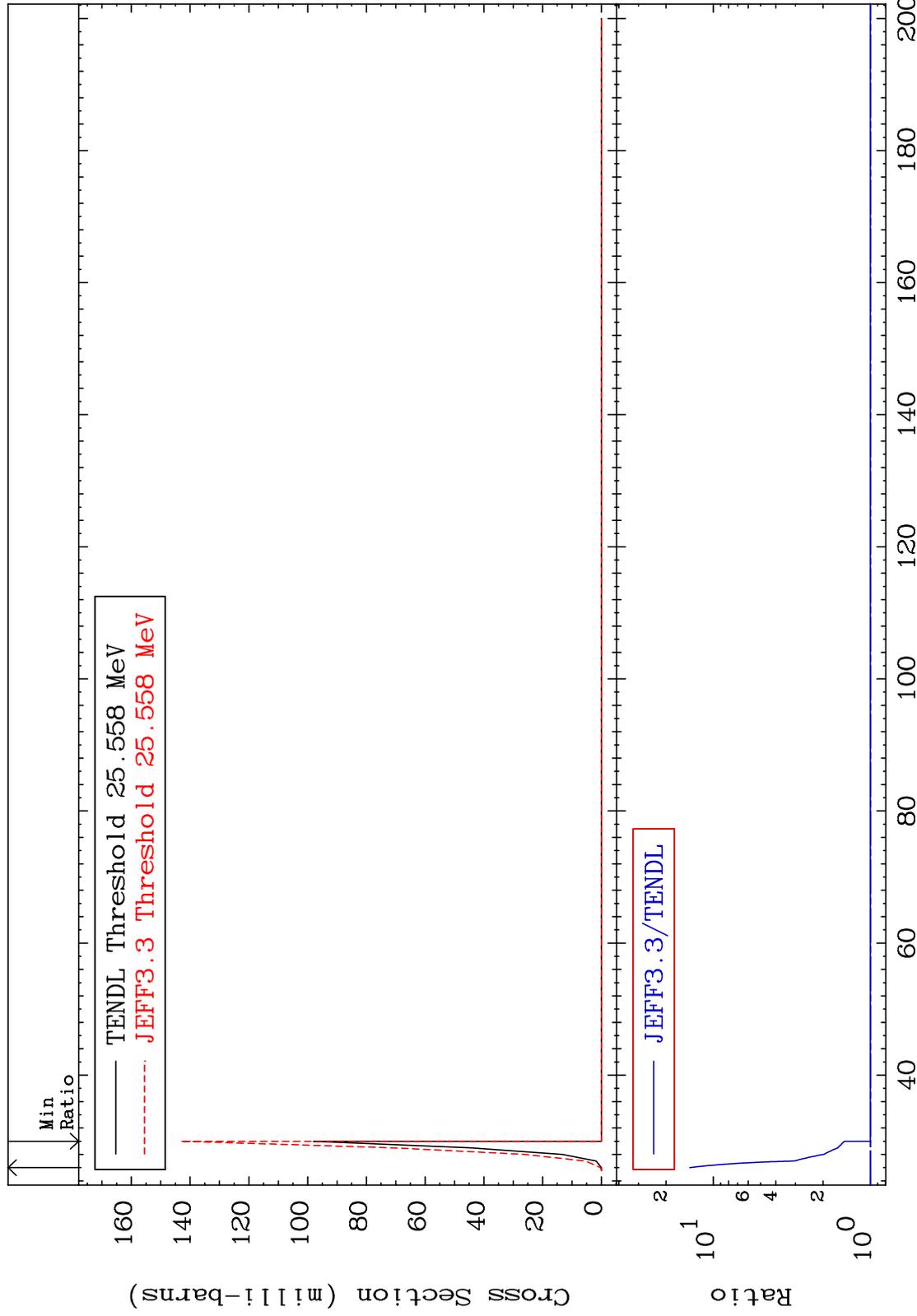


MAT 5243

(n, 4n): 52-Te-123m2

52-Te-126

Radionuclide Production Cross Section 0.000 To 1313. %

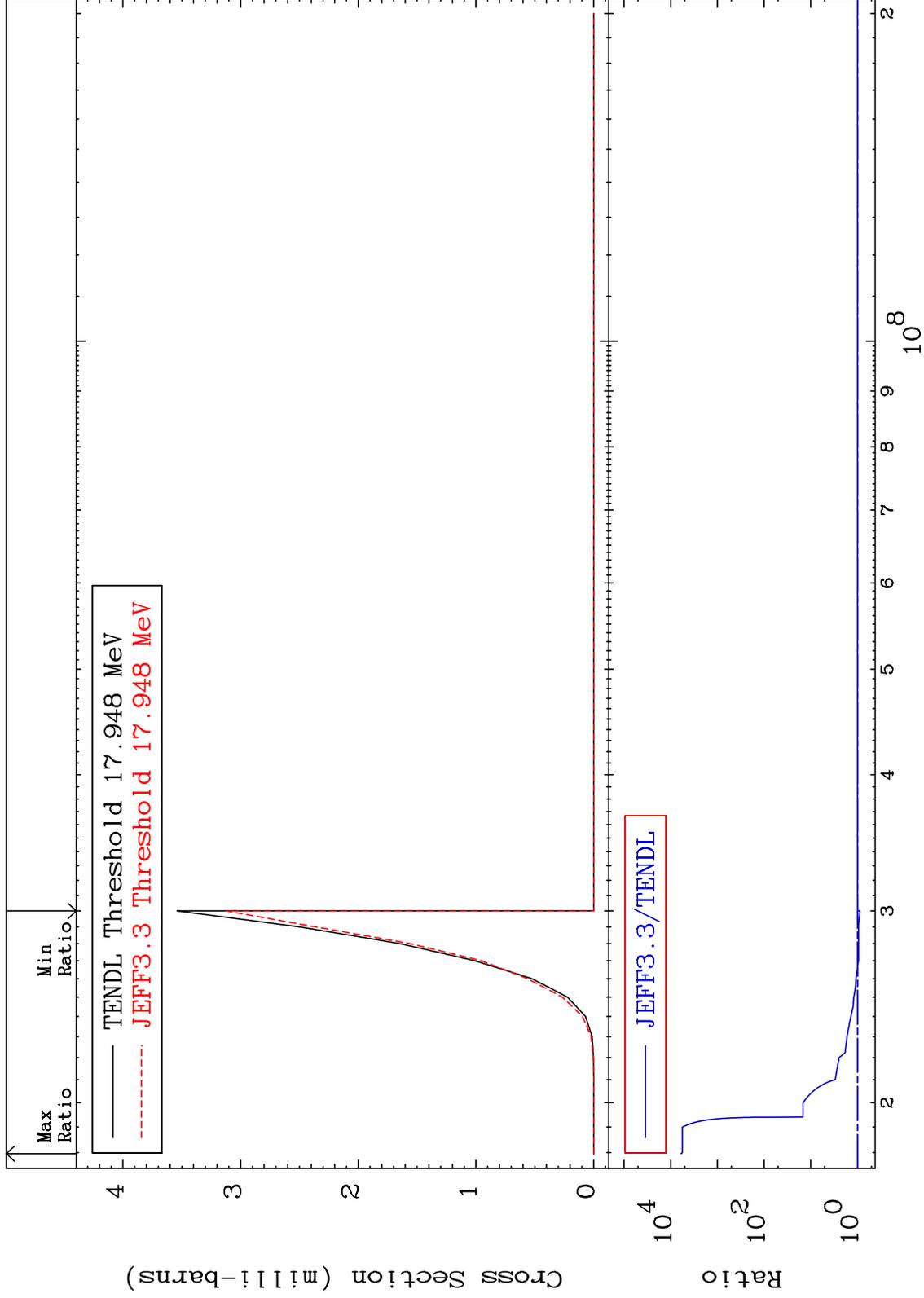


MAT 5243

(n,2n) p:51-Sb-124g

52-Te-126

Radionuclide Production Cross Section -11.80 To 9999. %

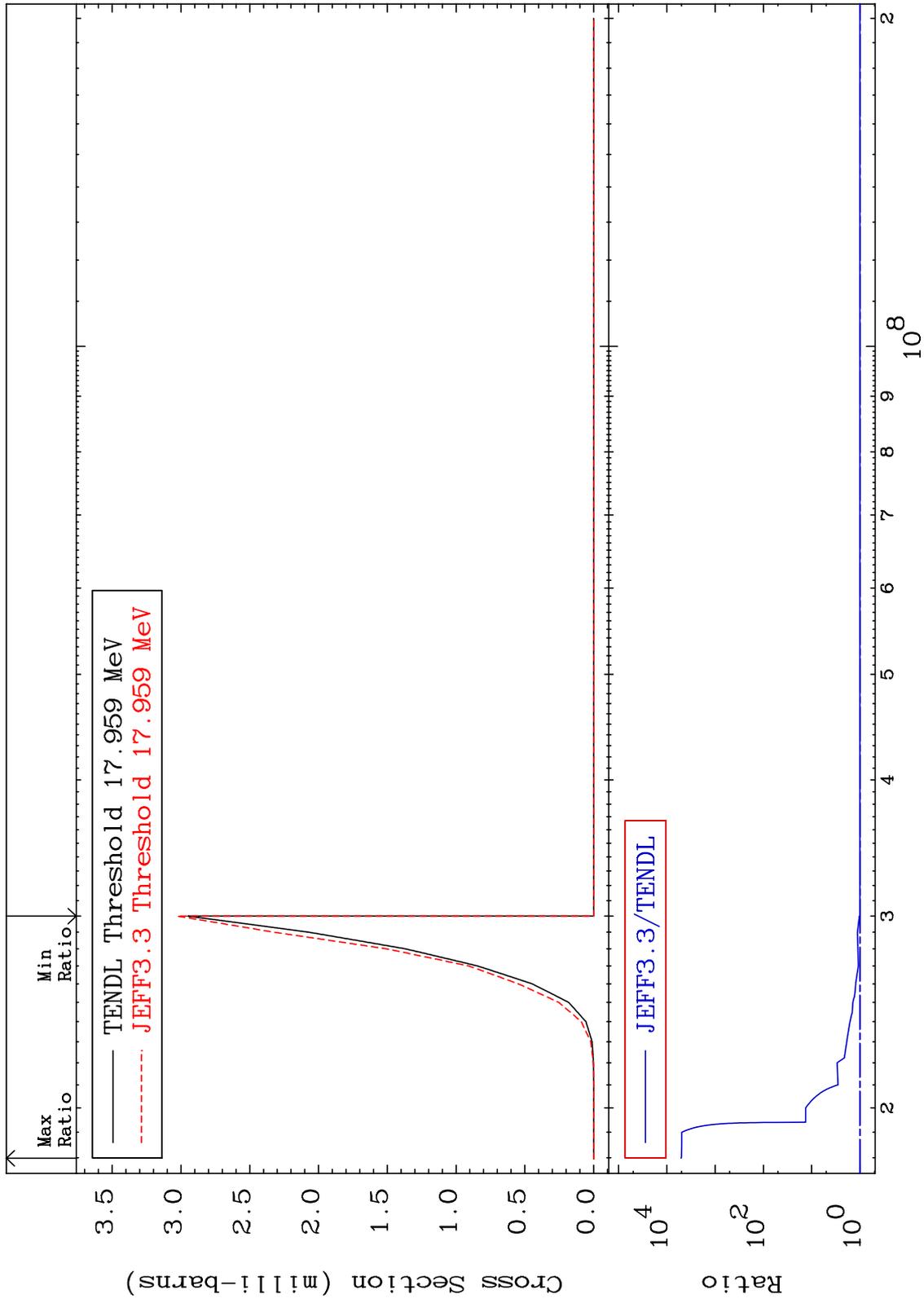


MAT 5243

(n,2n) p:51-Sb-124m1

52-Te-126

Radionuclide Production Cross Section 0.000 To 9999. %



90

Incident Energy (eV)

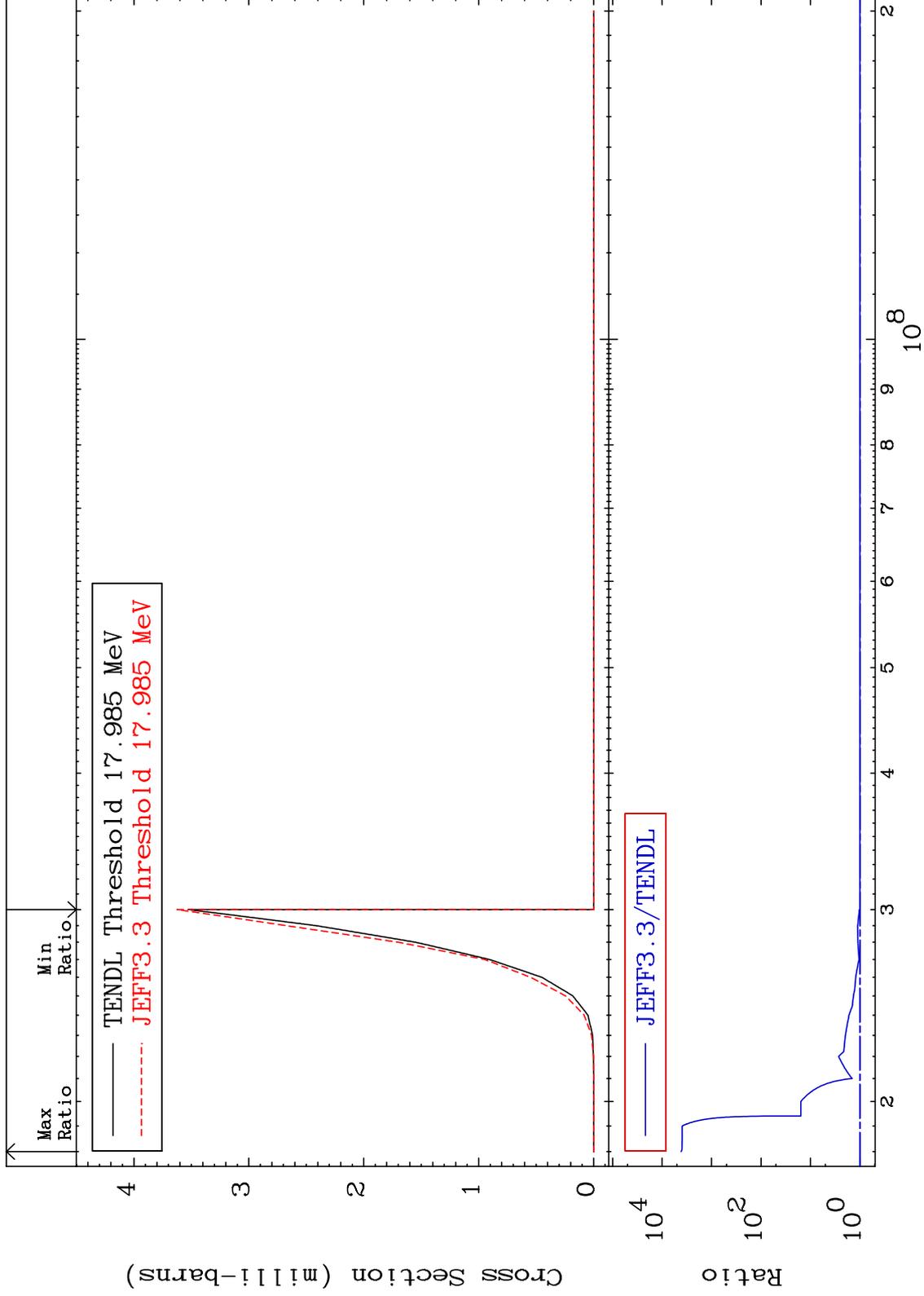
52-Te-126

MAT 5243

(n,2n) p:51-Sb-124m2

52-Te-126

Radionuclide Production Cross Section 0.000 To 9999. %

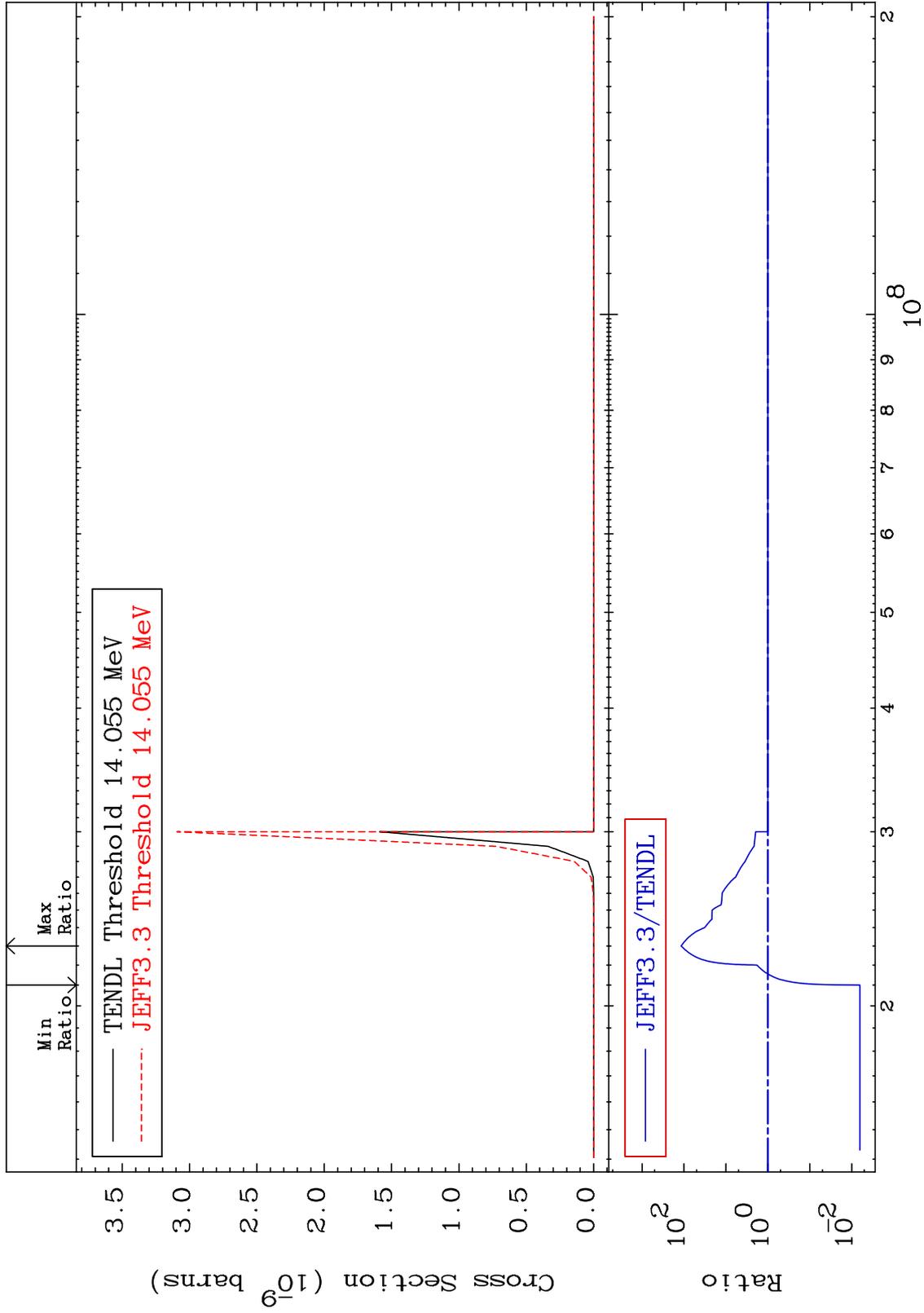


MAT 5243

(n, n') p  $\alpha$ : 49-In-121g

52-Te-126

Radionuclide Production Cross Section -99.36 To 9999. %

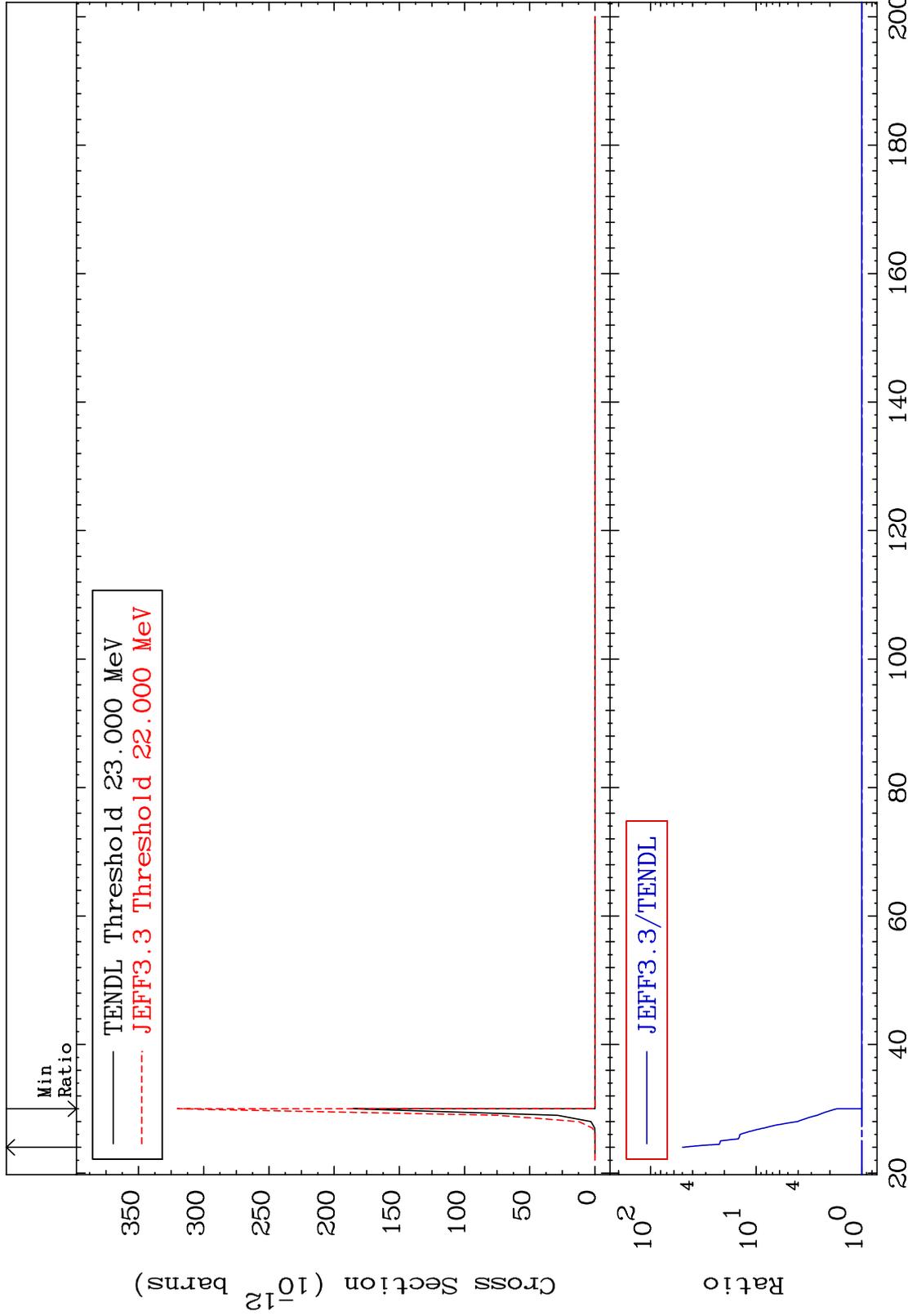


MAT 5243

(n, n') p  $\alpha$ : 49-In-121m1

52-Te-126

Radionuclide Production Cross Section 0.000 To 4864. %

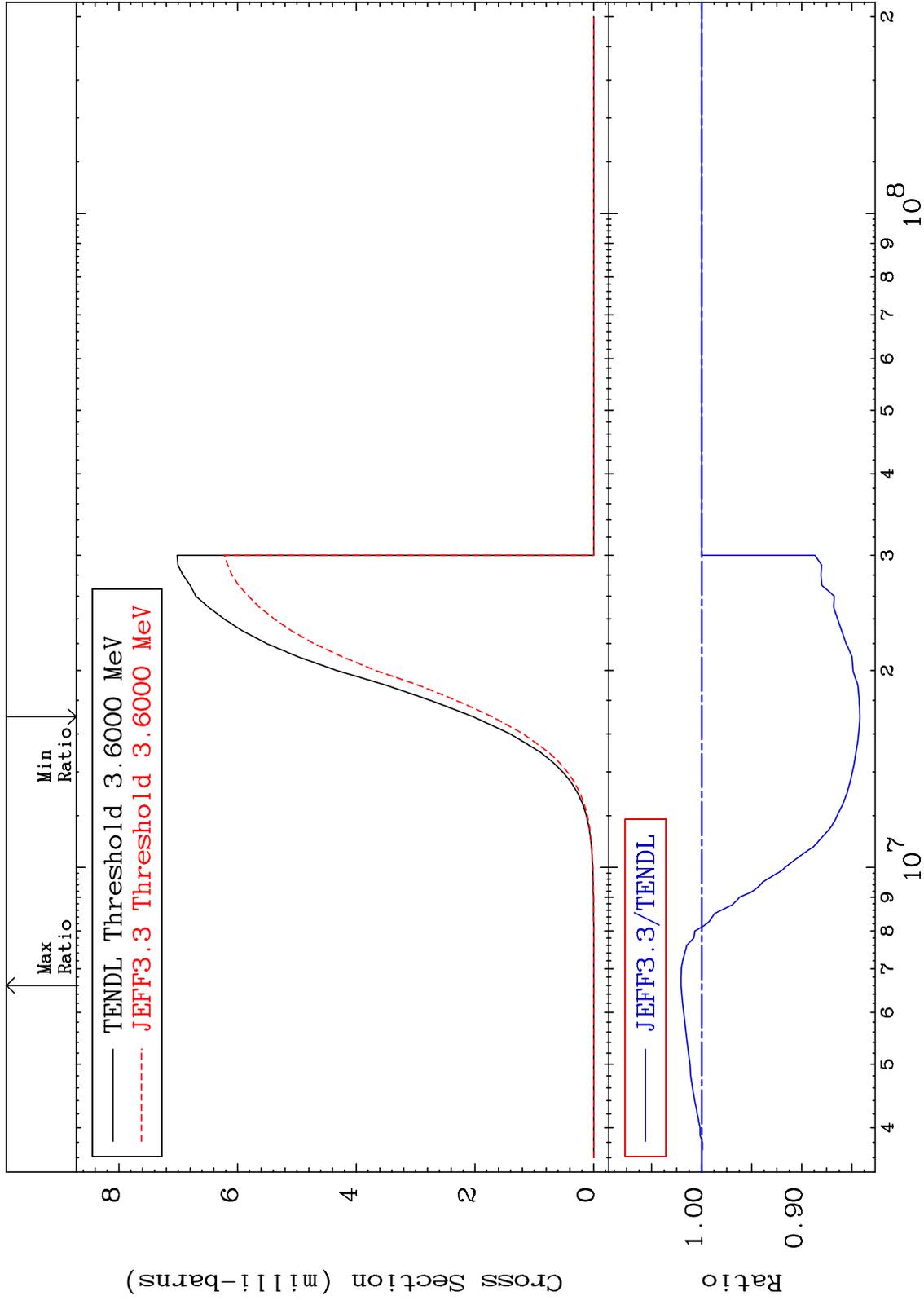


MAT 5243

(n,p):51-Sb-126g

52-Te-126

Radionuclide Production Cross Section -15.82 To 2.053 %

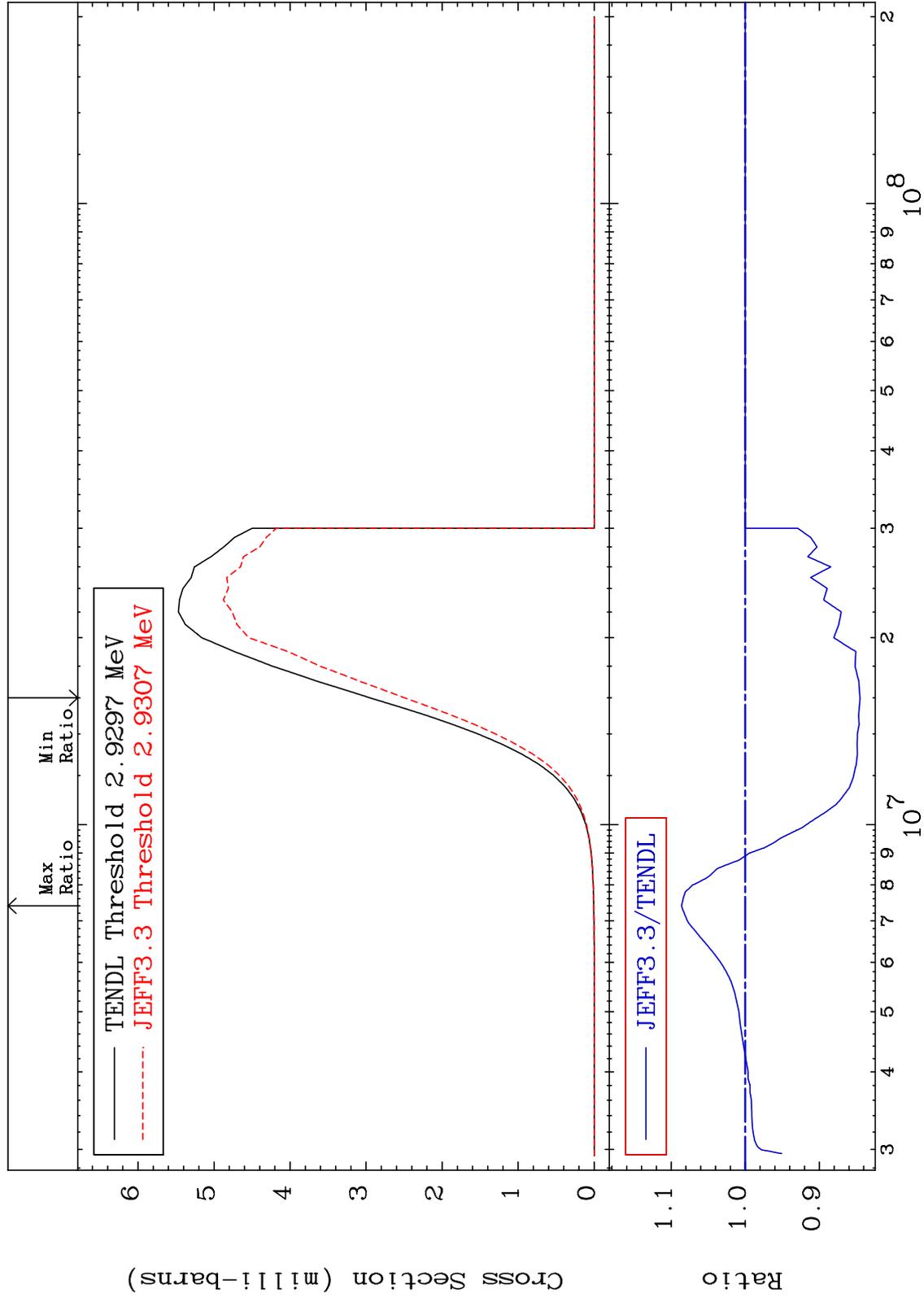


MAT 5243

(n, p) : 51-Sb-126m1

52-Te-126

Radionuclide Production Cross Section -15.49 To 8.593 %



95

Incident Energy (eV)

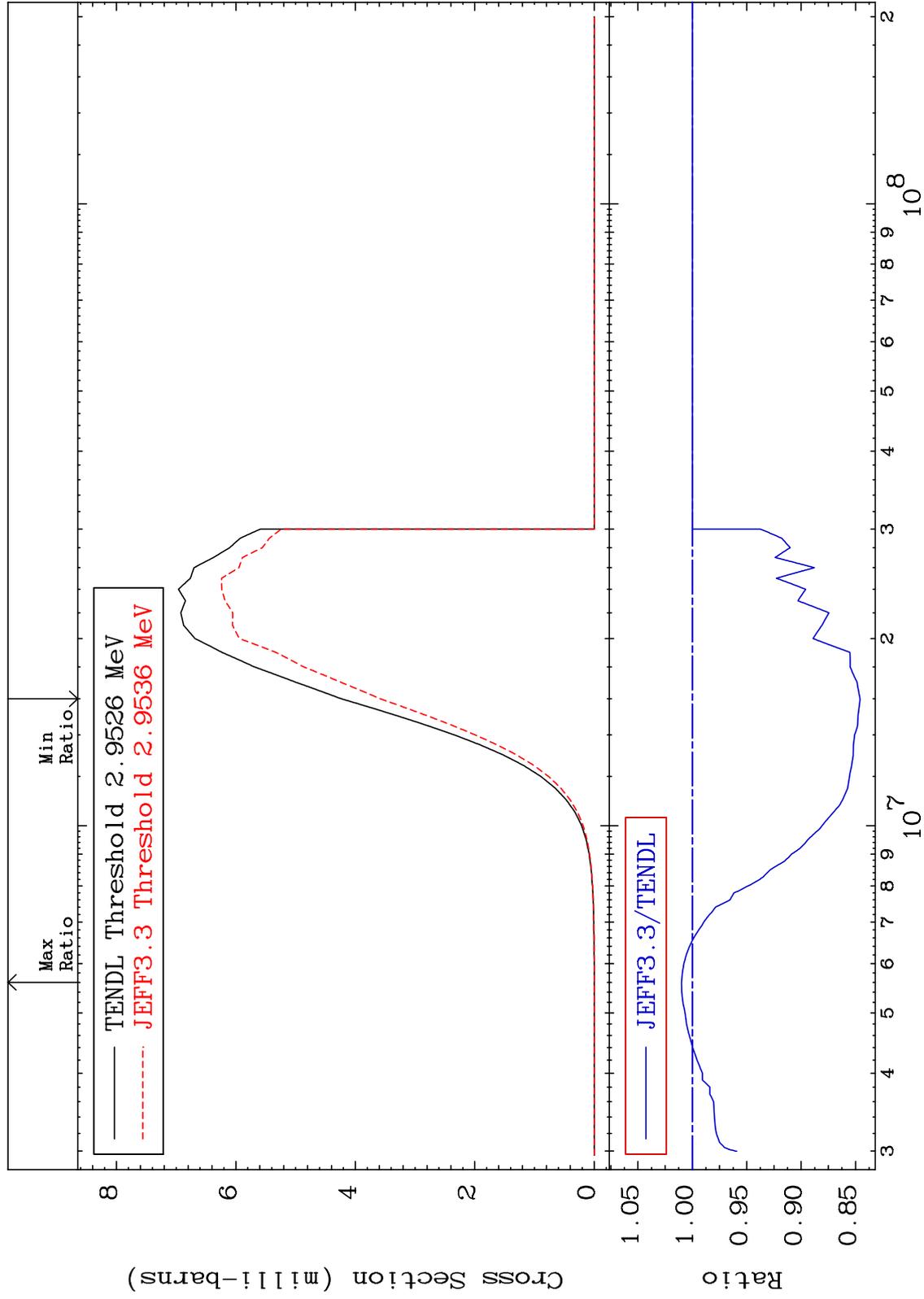
52-Te-126

MAT 5243

(n, p) : 51-Sb-126m2

52-Te-126

Radionuclide Production Cross Section -15.41 To 0.989 %

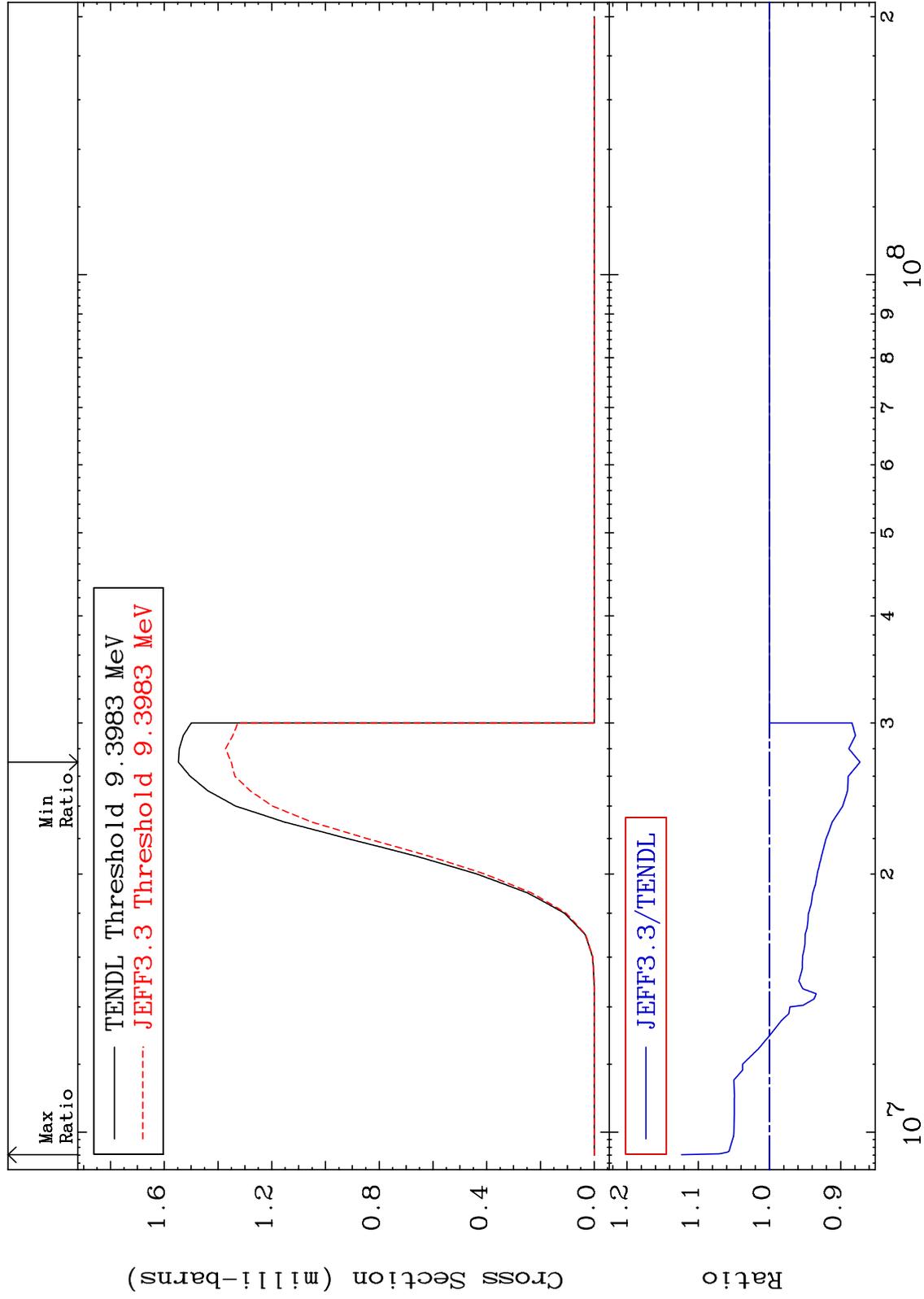


MAT 5243

(n, t):51-Sb-124g

52-Te-126

Radionuclide Production Cross Section -12.71 To 12.34 %



97

Incident Energy (eV)

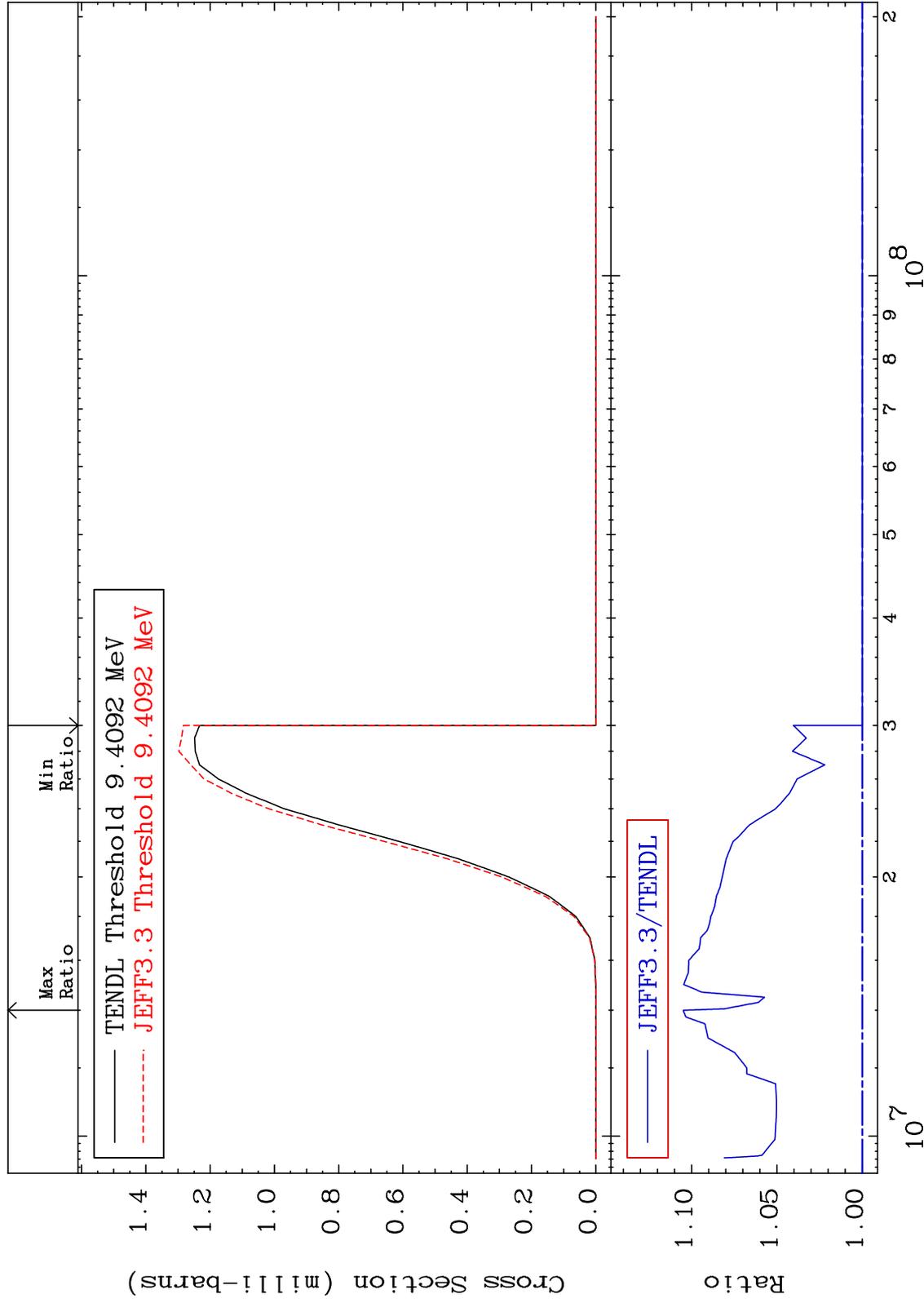
52-Te-126

MAT 5243

(n, t):51-Sb-124m1

52-Te-126

Radionuclide Production Cross Section 0.000 To 10.48 %



52-Te-126

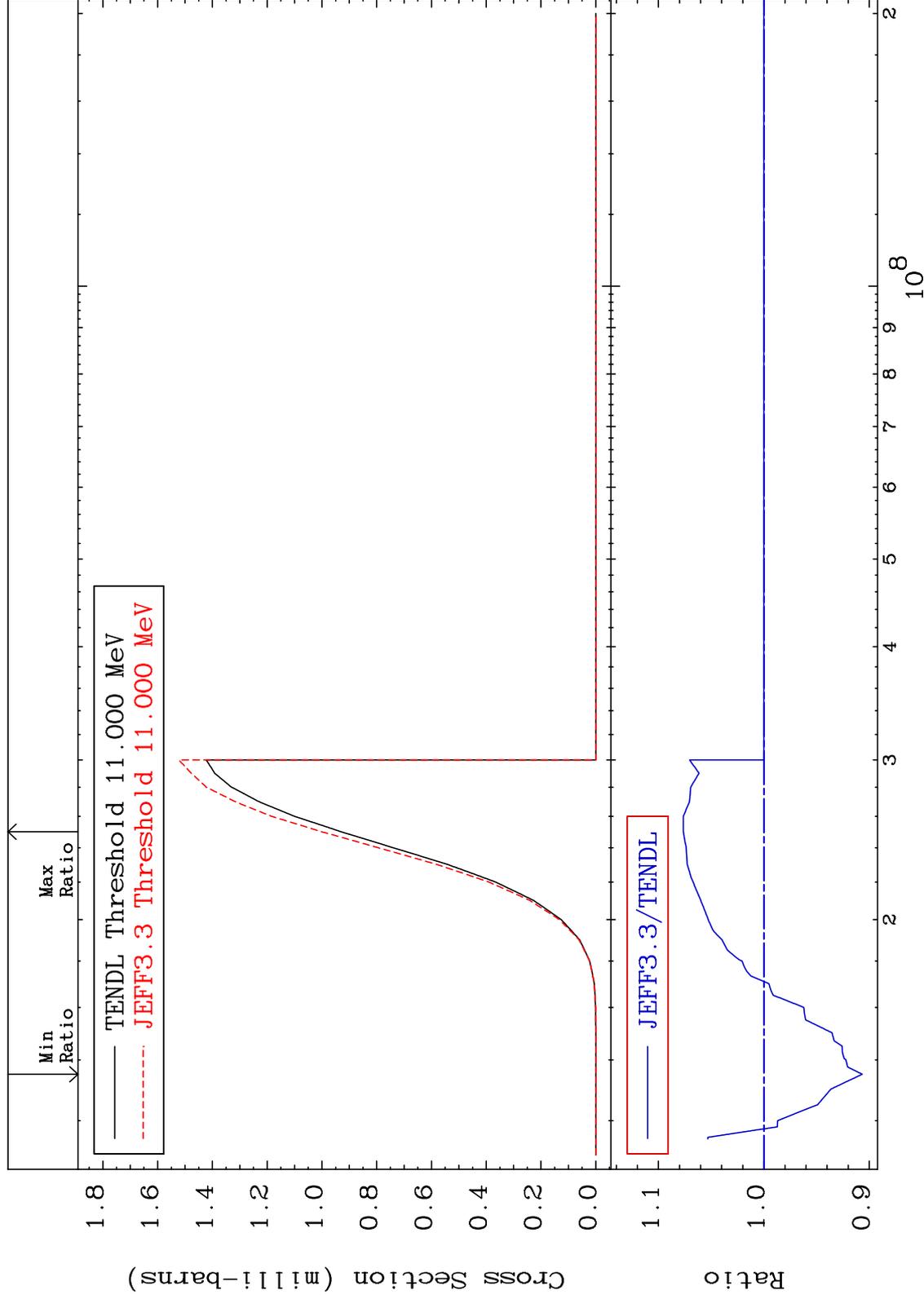
98

MAT 5243

(n, t):51-Sb-124m2

52-Te-126

Radionuclide Production Cross Section -9.339 To 7.635 %



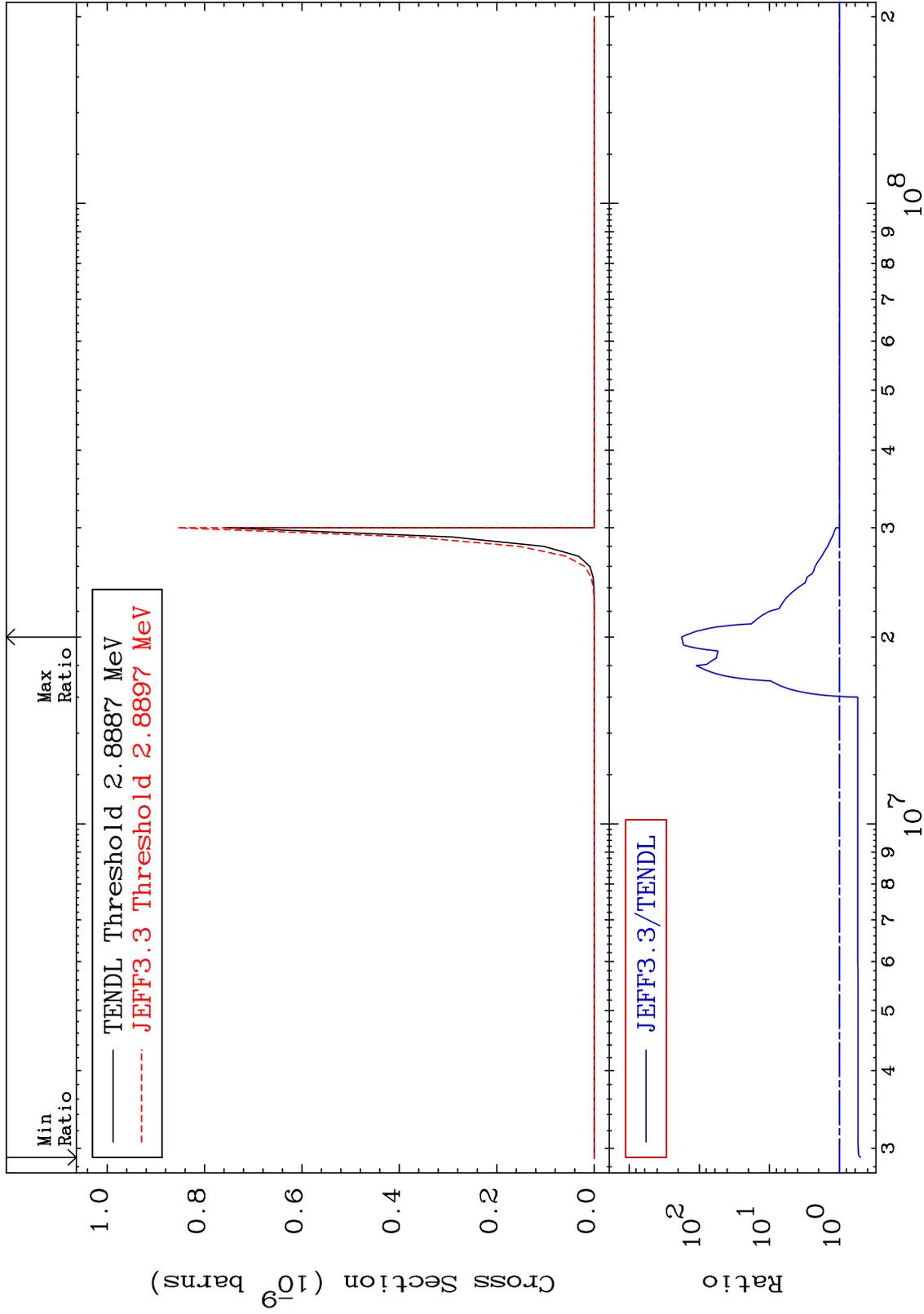
MAT 5243

(n,2α):48-Cd-119g

52-Te-126

Radionuclide Production Cross Section

-49.79 To 9999. %



100

Incident Energy (eV)

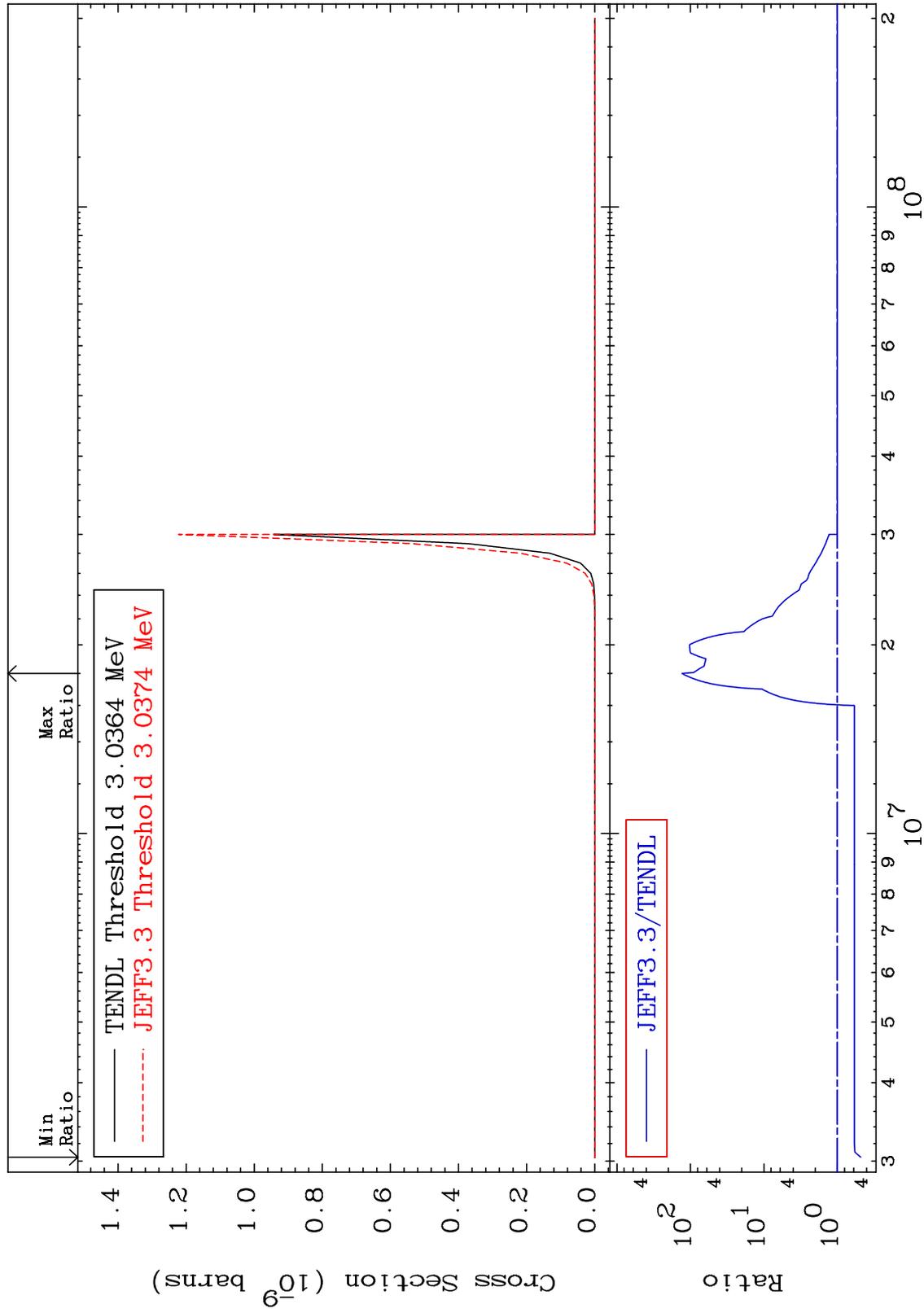
52-Te-126

MAT 5243

(n,2α): 48-Cd-119m2

52-Te-126

Radionuclide Production Cross Section -51.96 To 9999. %

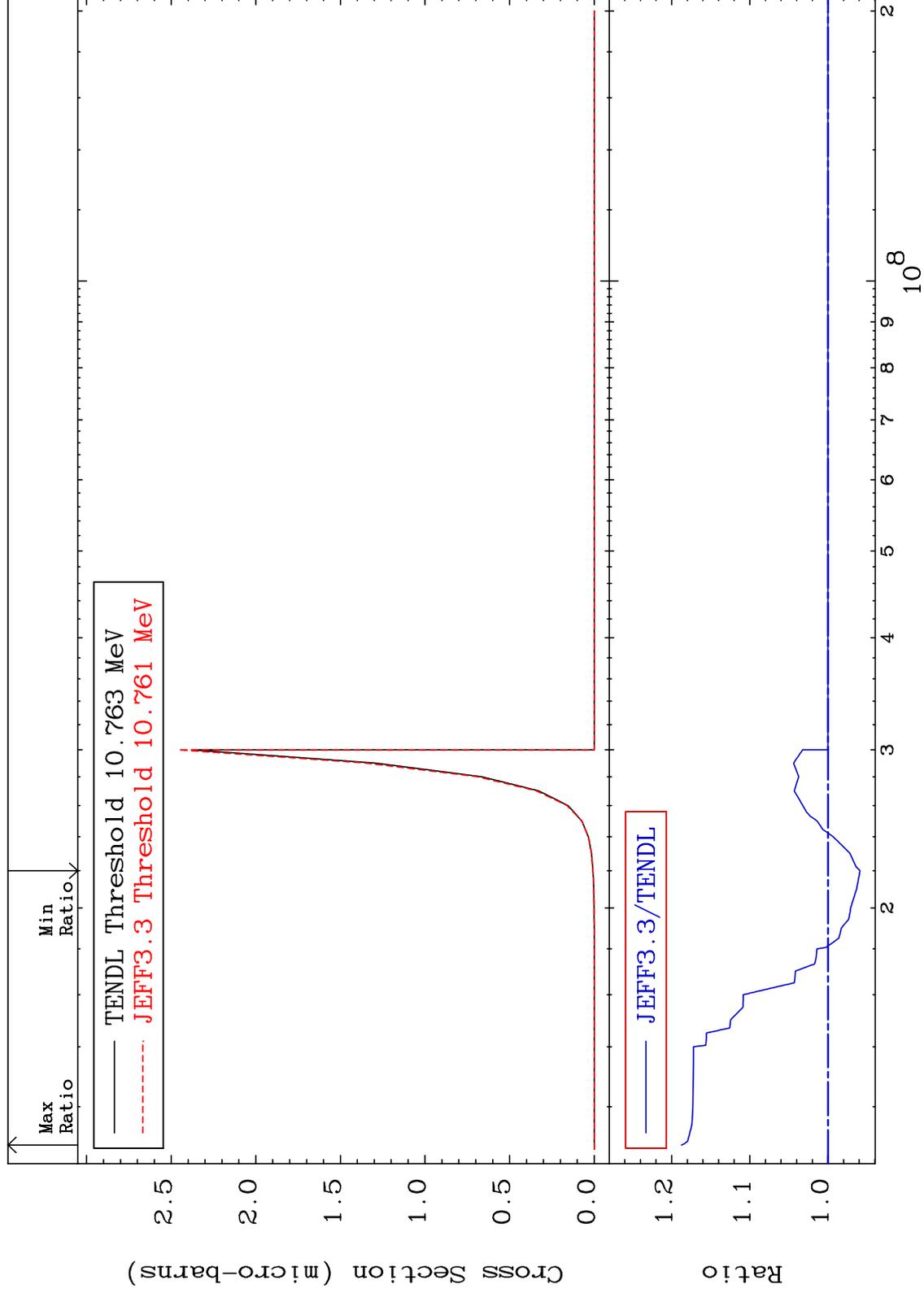


MAT 5243

(n,2p):50-Sn-125g

52-Te-126

Radionuclide Production Cross Section -4.106 To 18.74 %



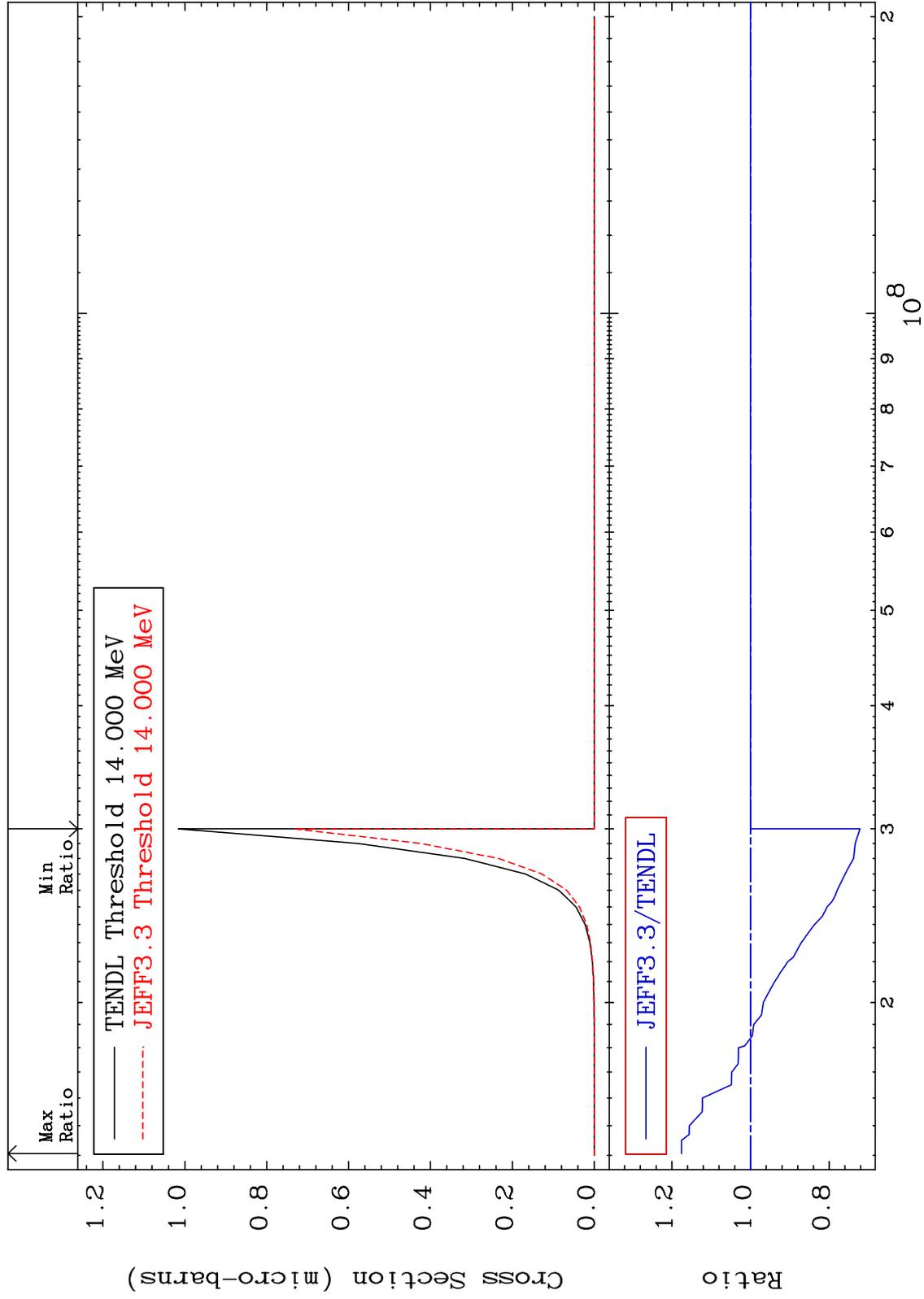
MAT 5243

(n,2p):50-Sn-125m1

52-Te-126

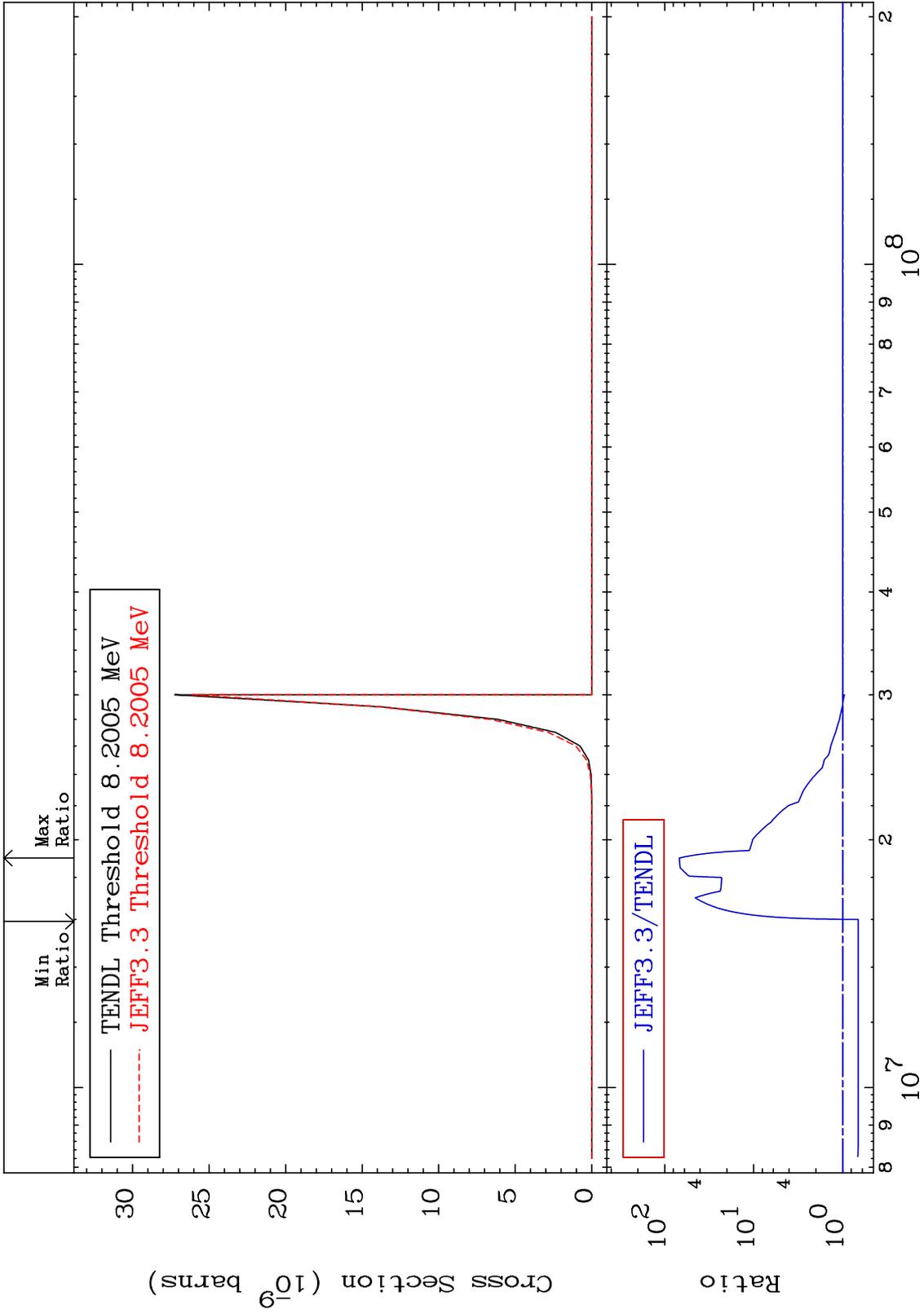
Radionuclide Production Cross Section

-27.84 To 17.53 %



MAT 5243

(n, p)  $\alpha$ : 49-In-122g 52-Te-126  
Radionuclide Production Cross Section -33.21 To 6751. %



104

Incident Energy (eV)

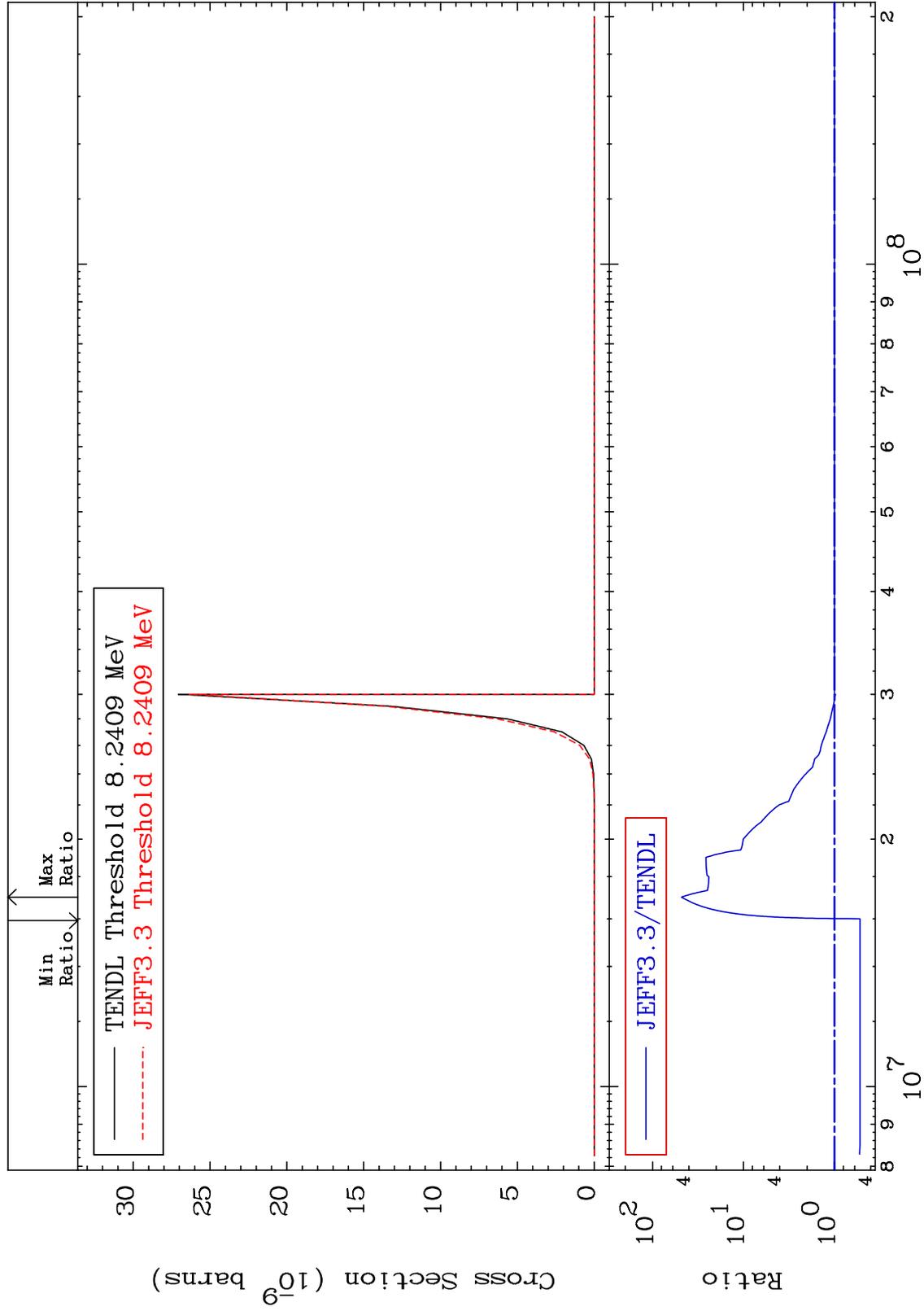
52-Te-126

MAT 5243

(n, p)  $\alpha$ :49-In-122m1

52-Te-126

Radionuclide Production Cross Section -47.63 To 4707. %



105

Incident Energy (eV)

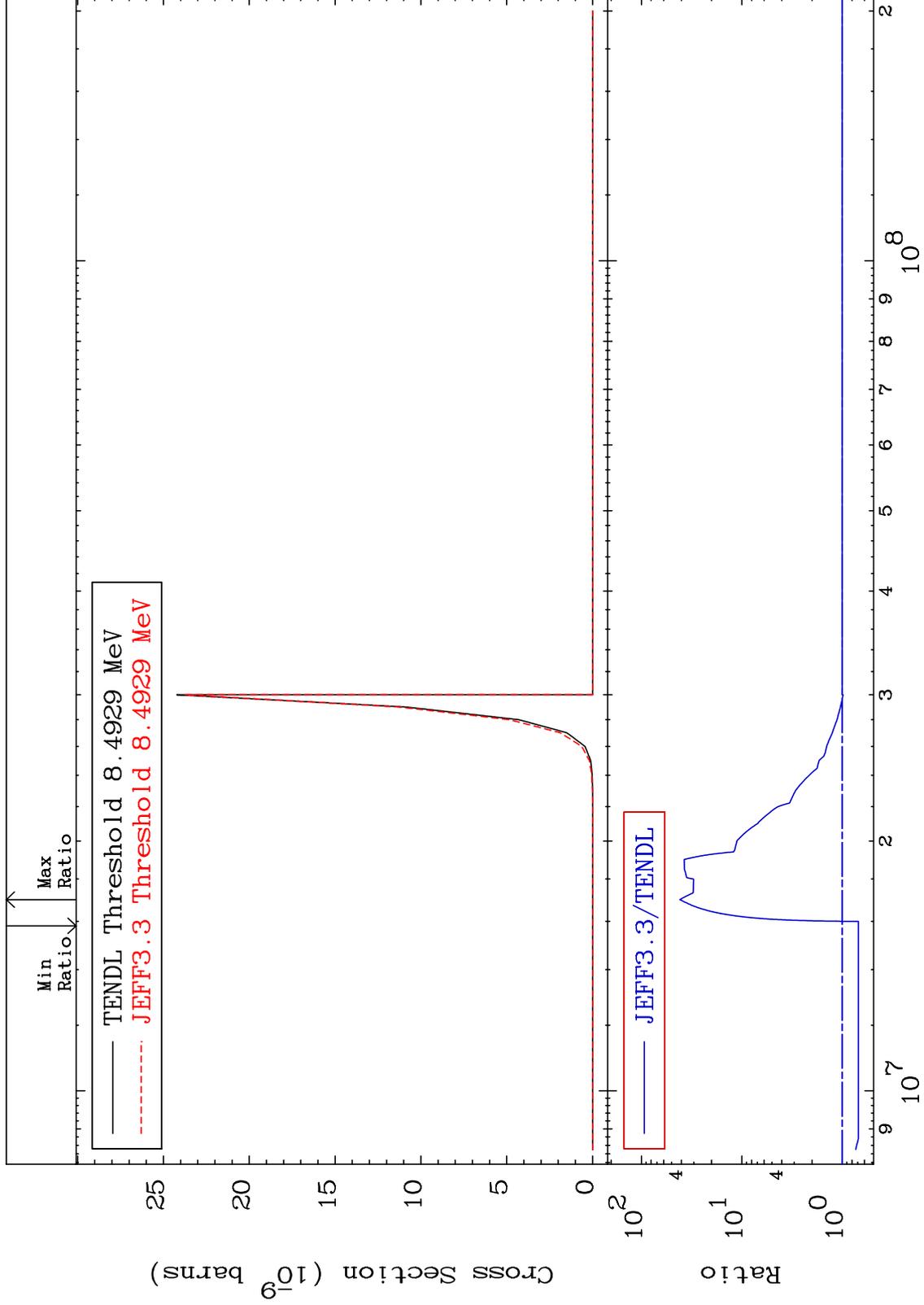
52-Te-126

MAT 5243

(n, p)  $\alpha$ :49-In-122m5

52-Te-126

Radionuclide Production Cross Section -31.02 To 4034. %



106

Incident Energy (eV)

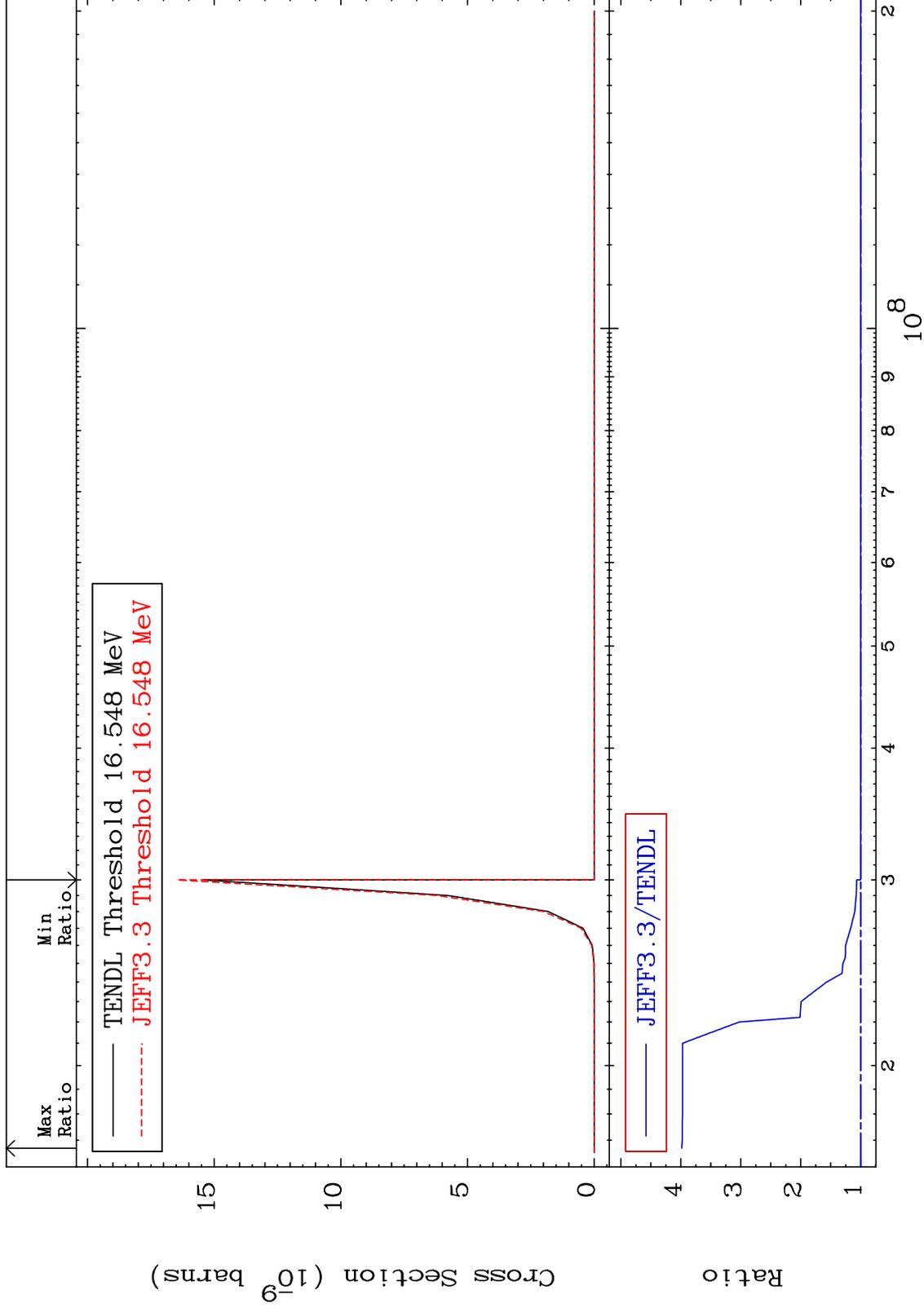
52-Te-126

MAT 5243

(n, p) t:50-Sn-123g

52-Te-126

Radionuclide Production Cross Section 0.000 To 298.6 %



MAT 5243

(n, p) t:50-Sn-123m1

52-Te-126

Radionuclide Production Cross Section -20.67 To 211.0 %

