

Program Complot
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

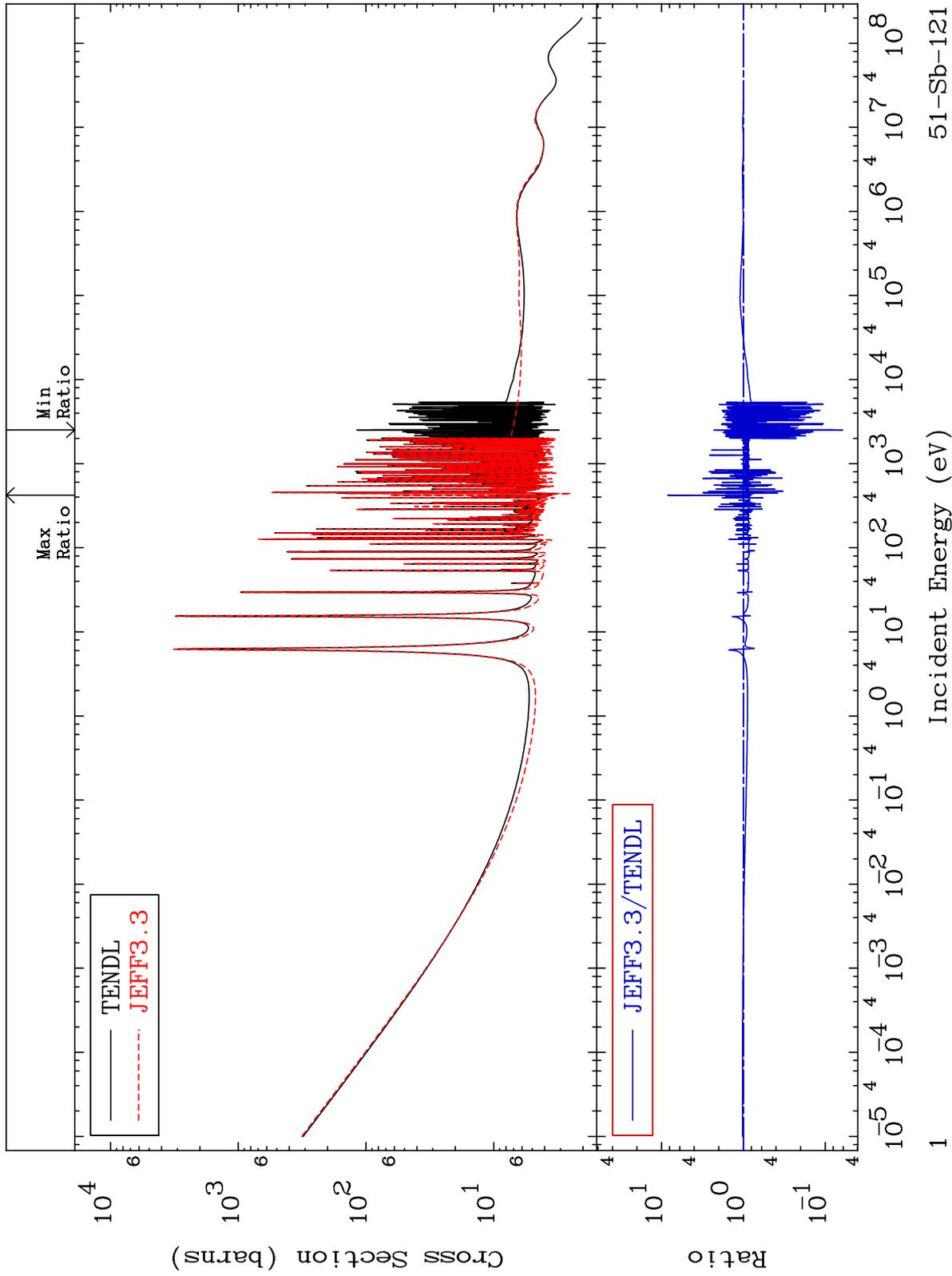
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Press Mouse Button to Start

MAT 5125 51-Sb-121 -93.93 To 744.7 % Total Cross Section



51-Sb-121

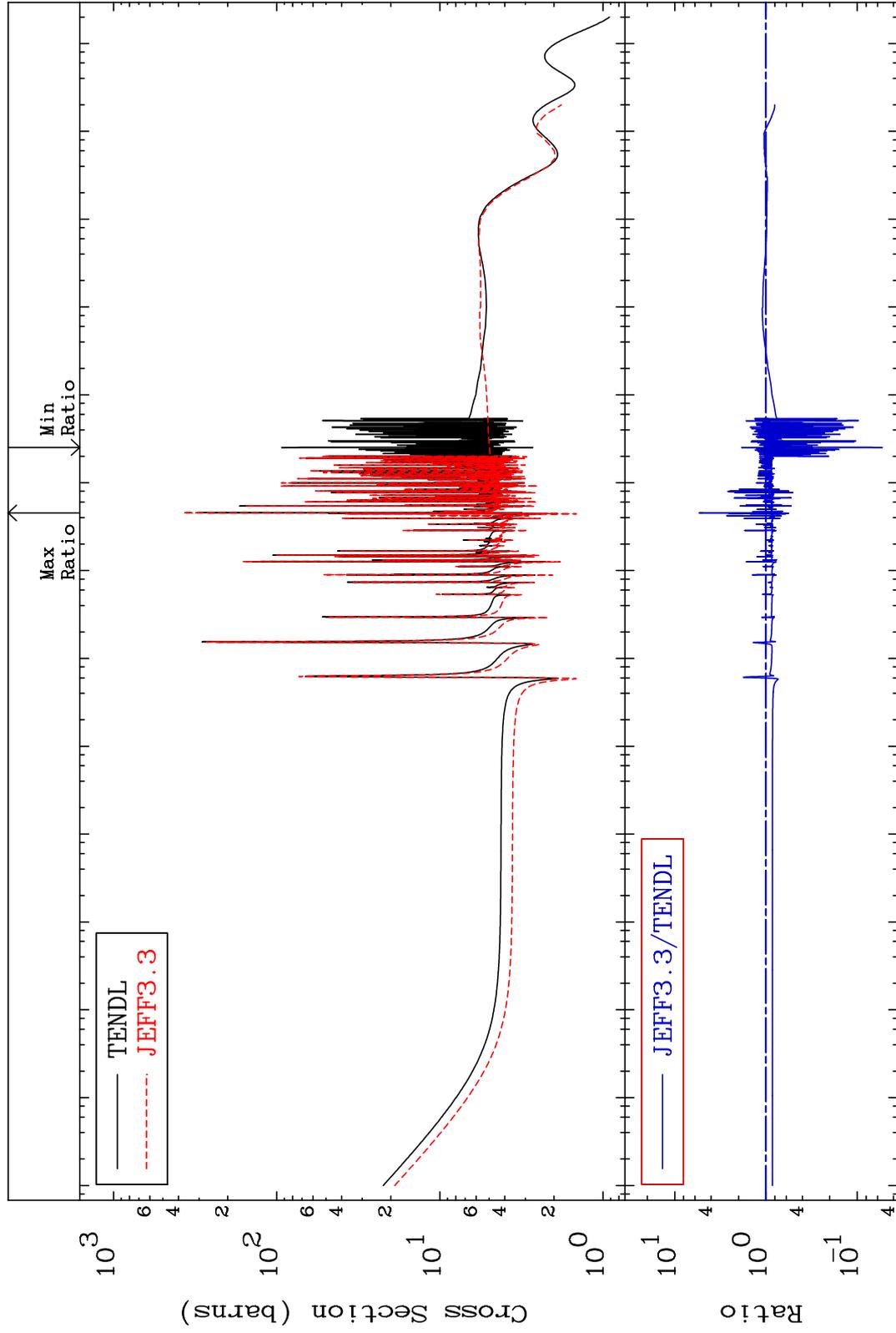
MAT 5125

Elastic

51-Sb-121

Cross Section

-94.66 To 441.4 %

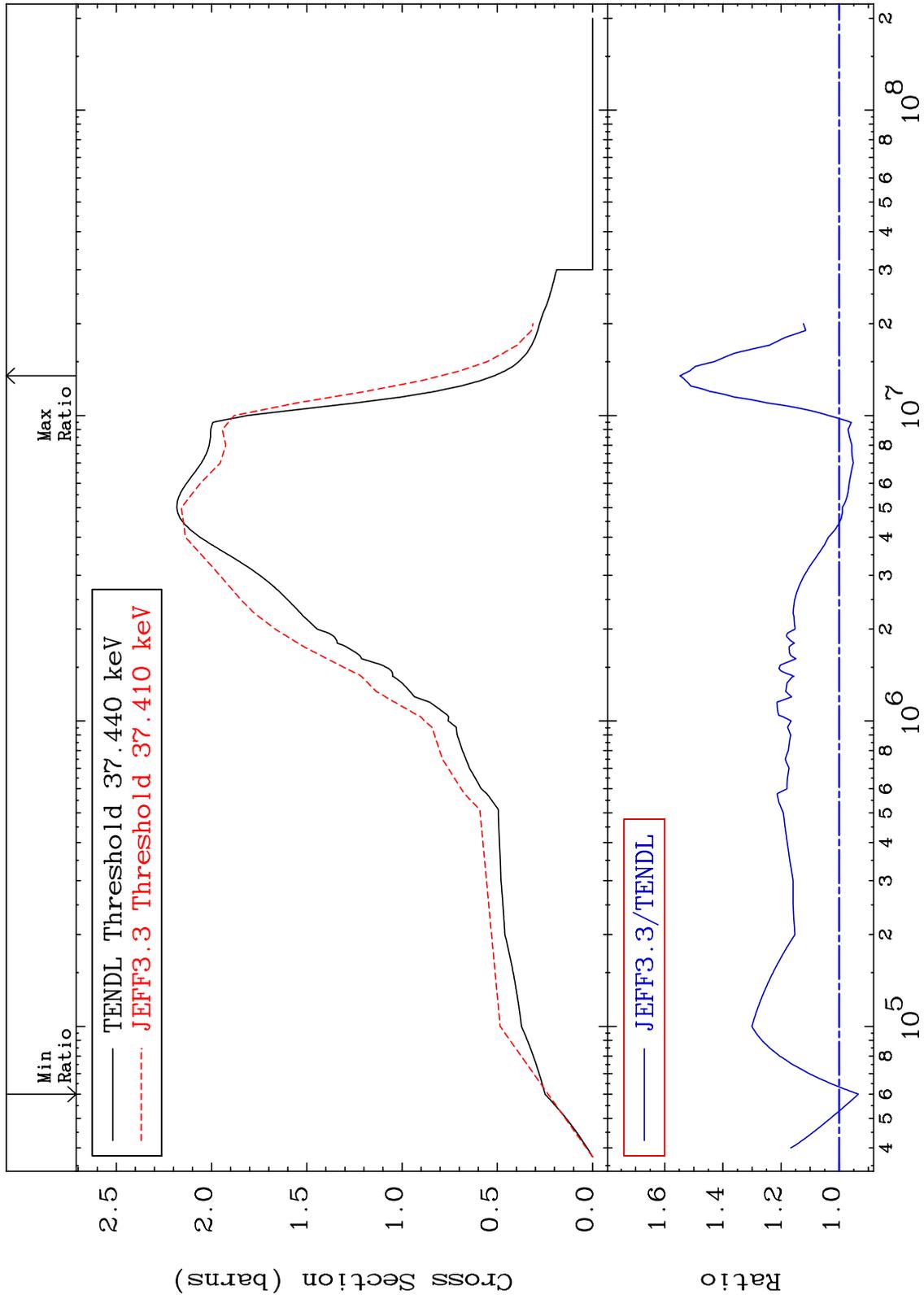


Incident Energy (eV)

51-Sb-121

2

MAT 5125 51-Sb-121 -6.581 To 54.78 % Inelastic Cross Section



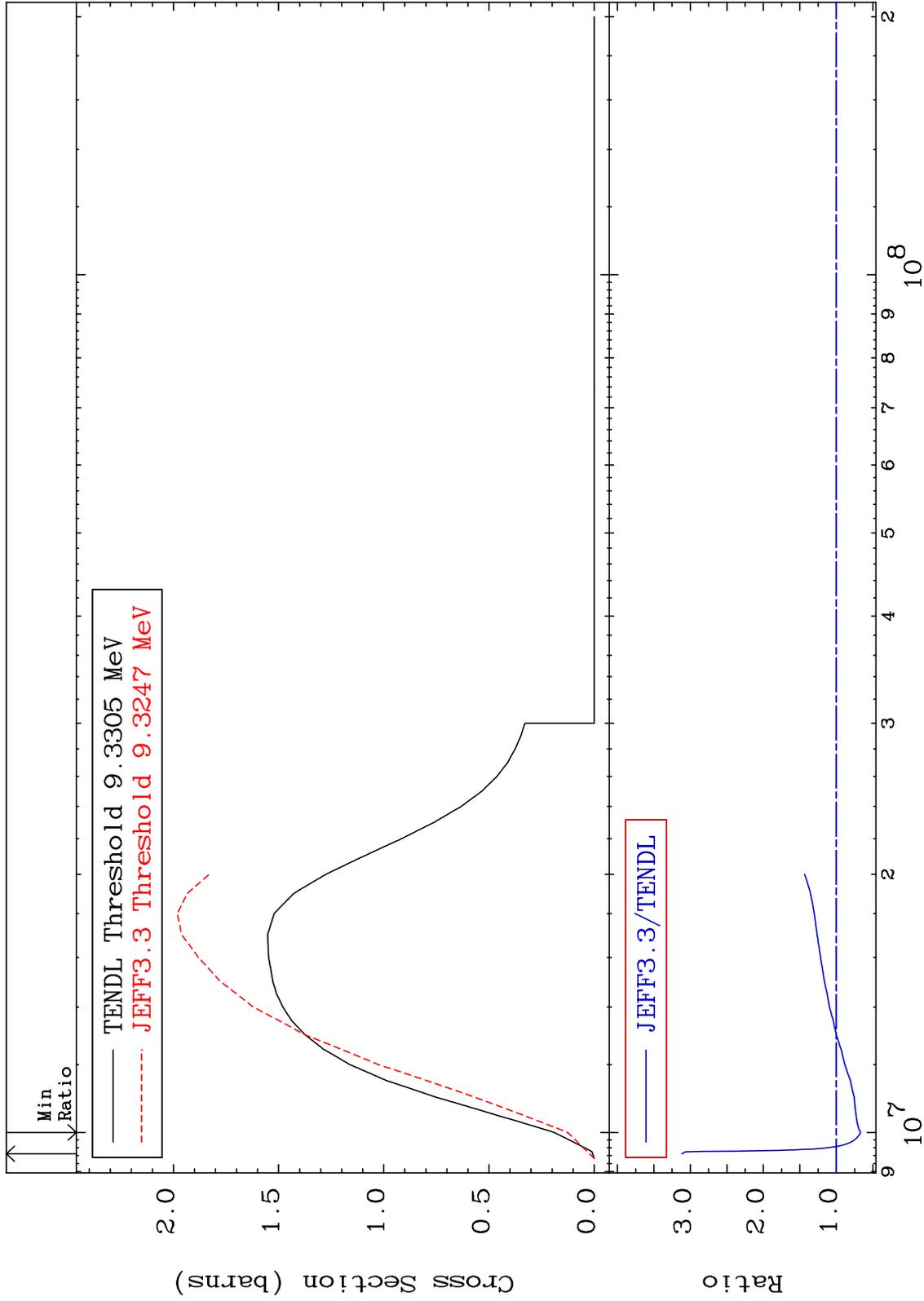
MAT 5125

(n,2n)

51-Sb-121

Cross Section

-33.29 To 211.8 %



4

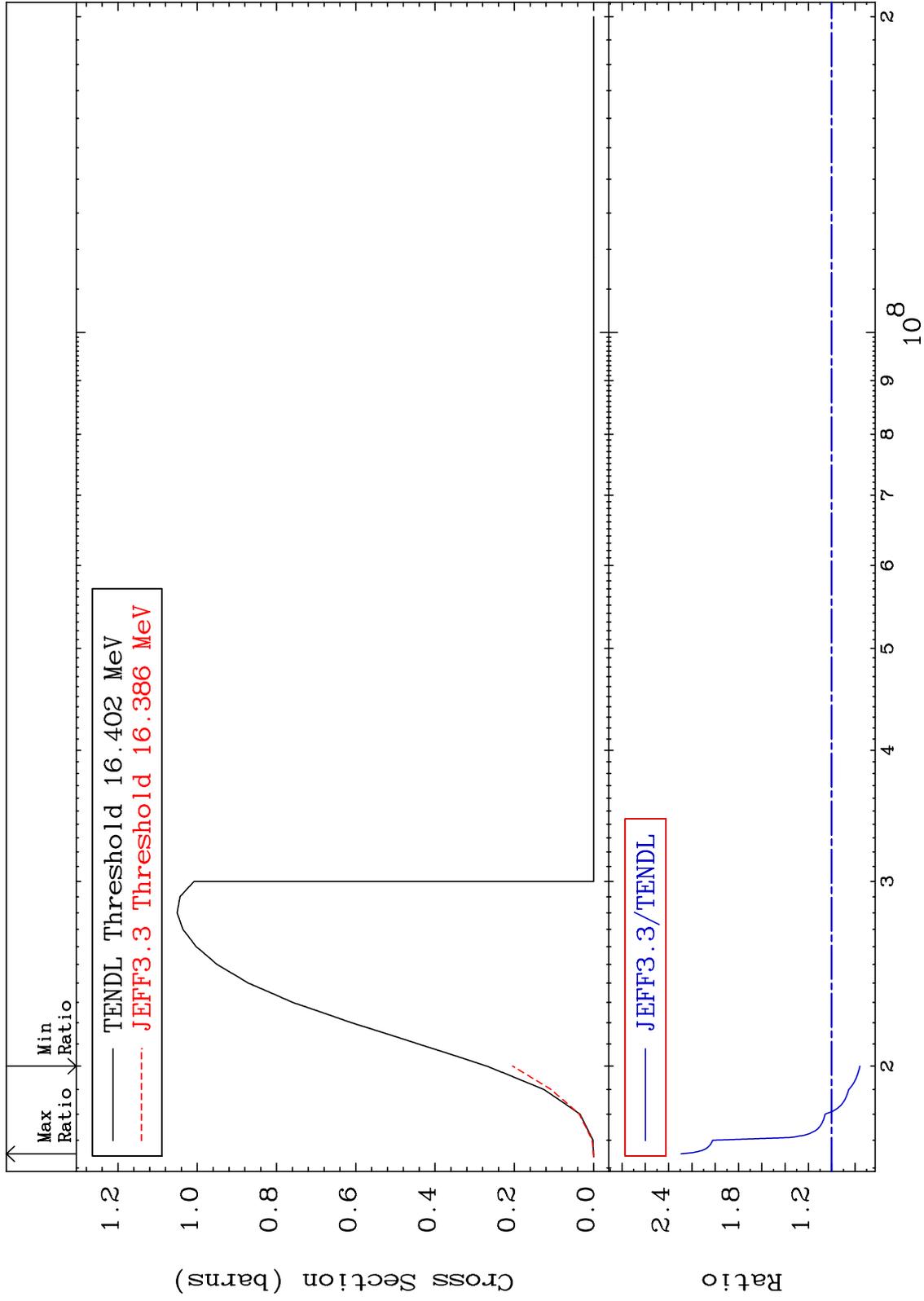
Incident Energy (eV)

51-Sb-121

MAT 5125

(n, 3n)
Cross Section

51-Sb-121
-24.17 To 129.2 %



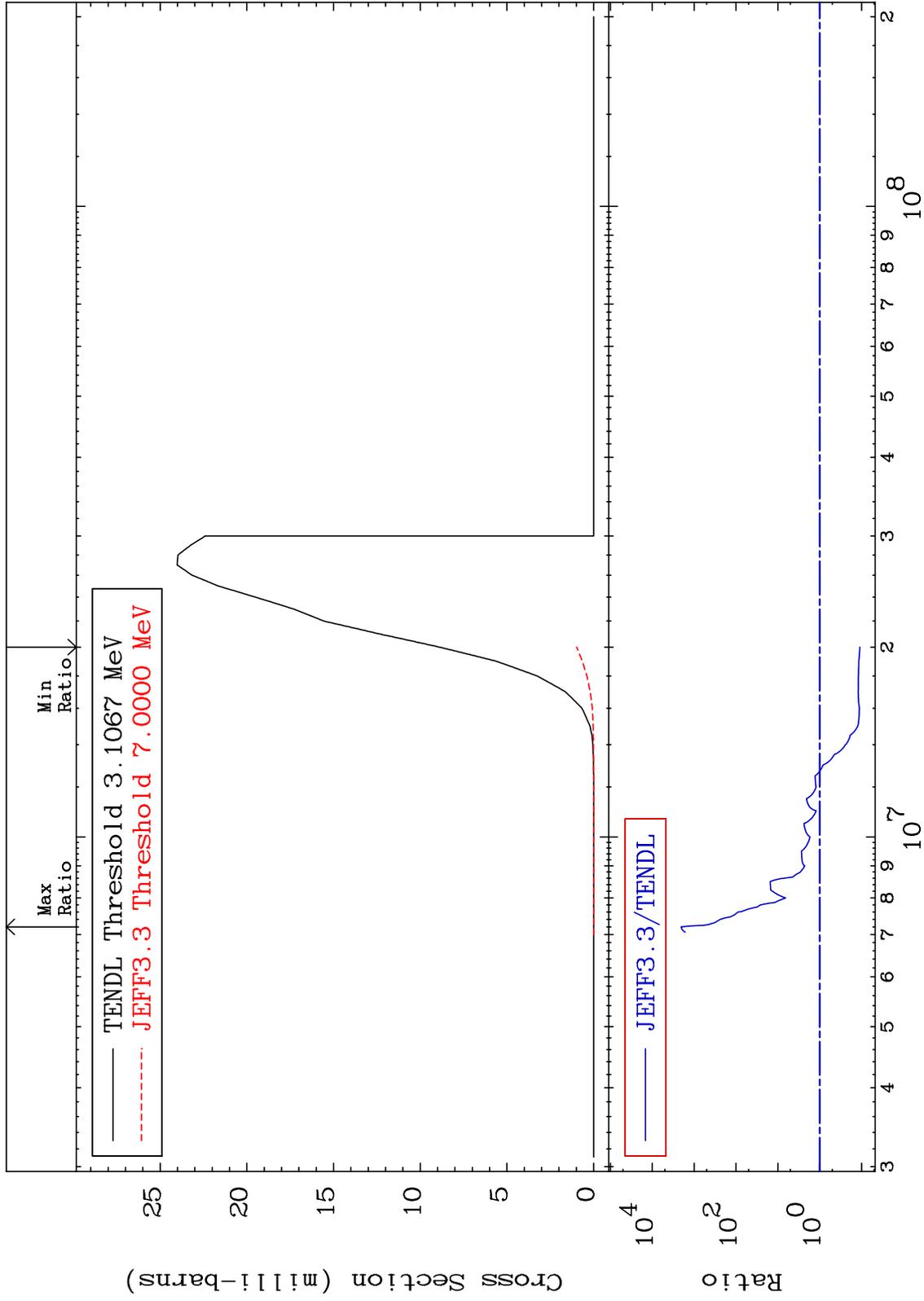
MAT 5125

(n,n') α

51-Sb-121

-89.04 To 9999. %

Cross Section



6

Incident Energy (eV)

51-Sb-121

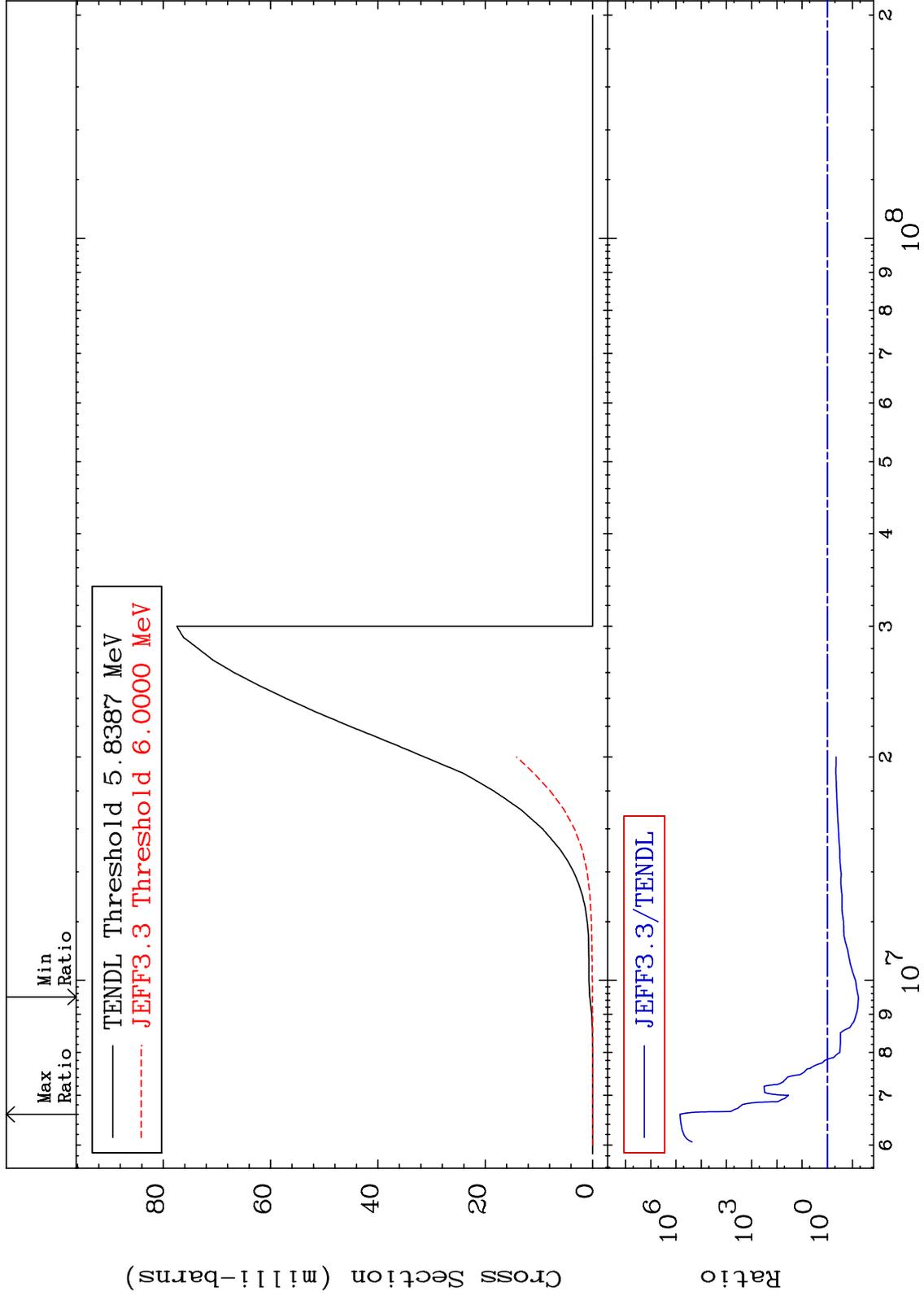
MAT 5125

(n,n') p

51-Sb-121

Cross Section

-94.15 To 9999. %



7

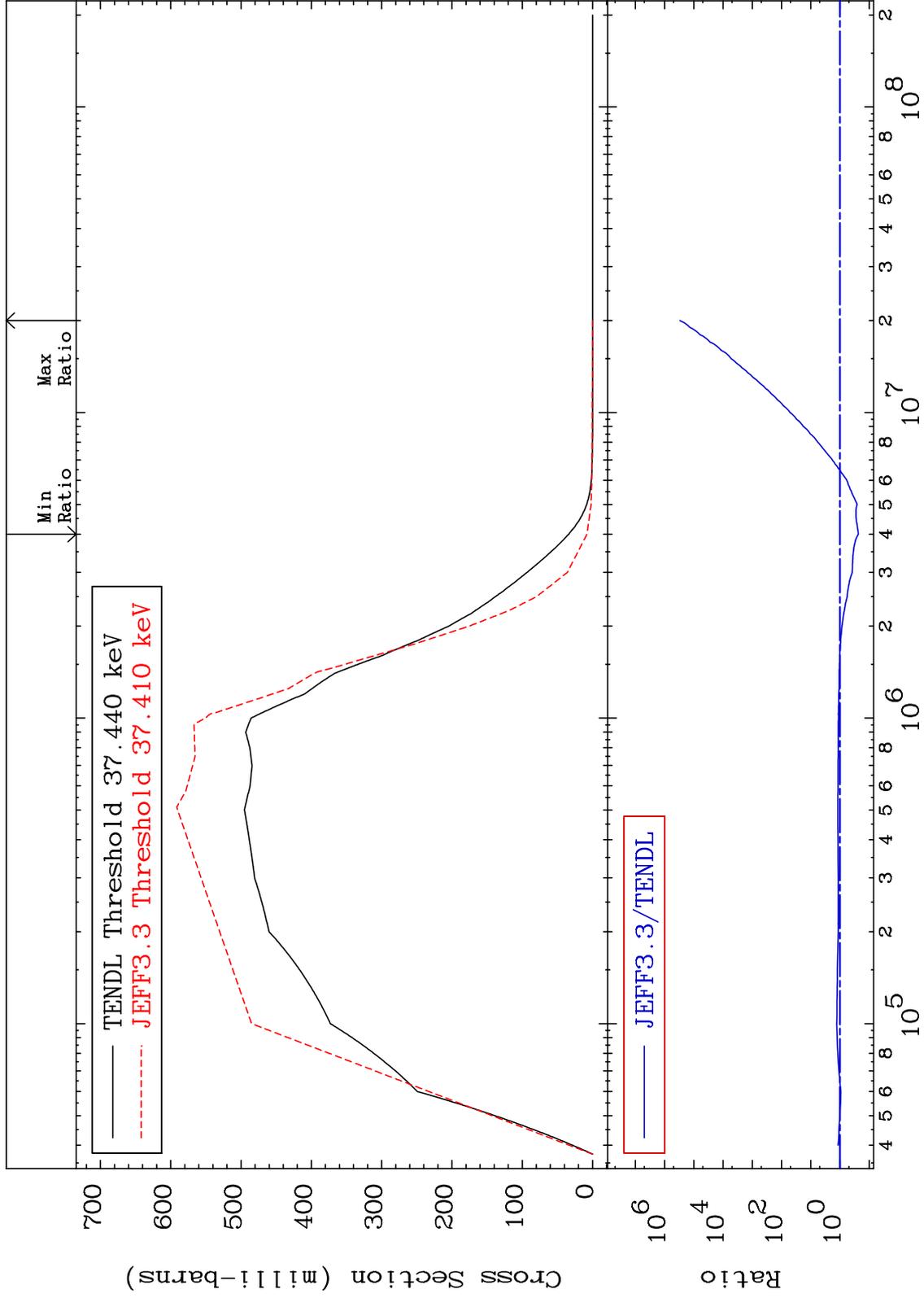
Incident Energy (eV)

51-Sb-121

MAT 5125

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

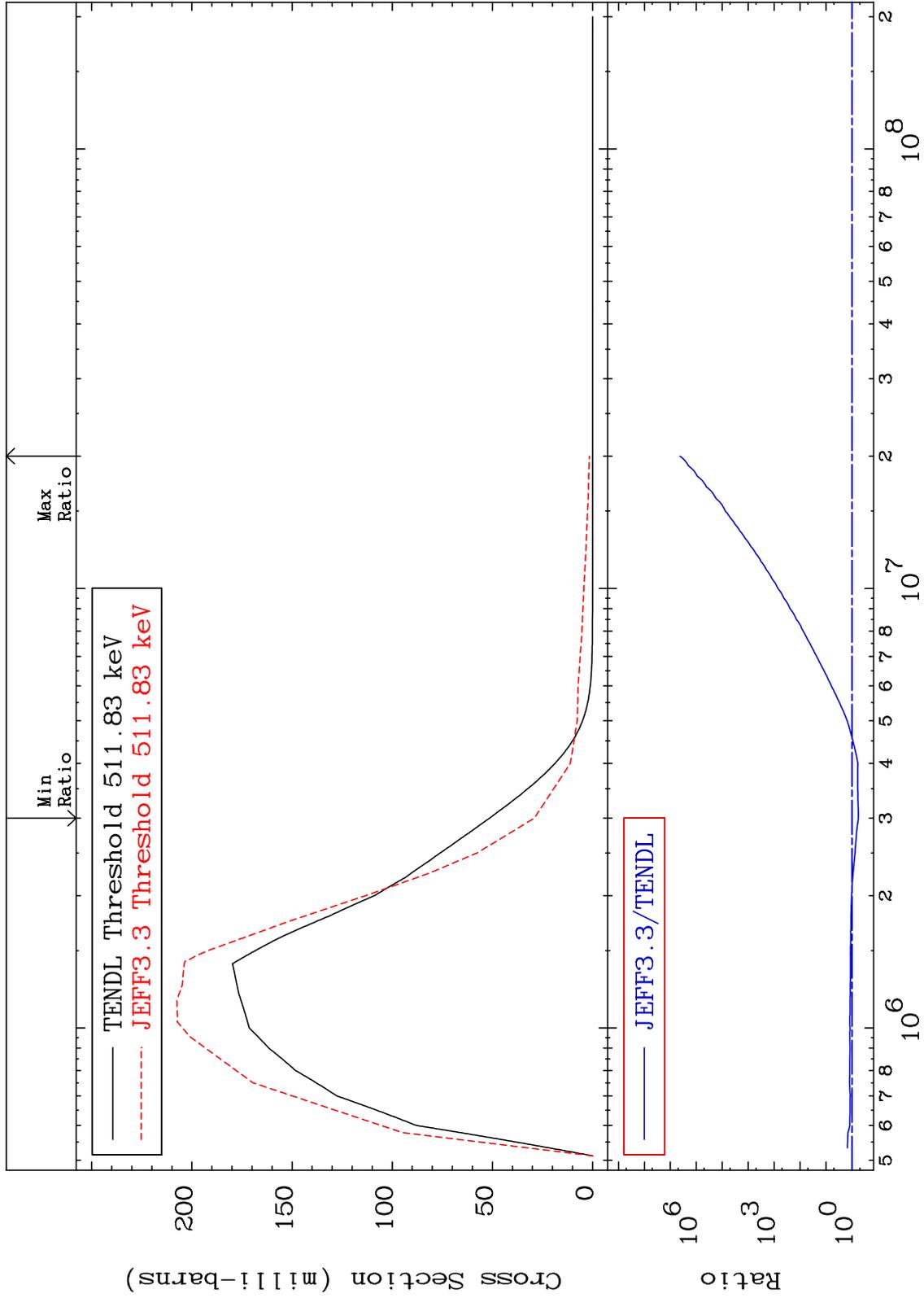
51-Sb-121
-76.30 To 9999. %



MAT 5125

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

51-Sb-121
-43.44 To 9999. %

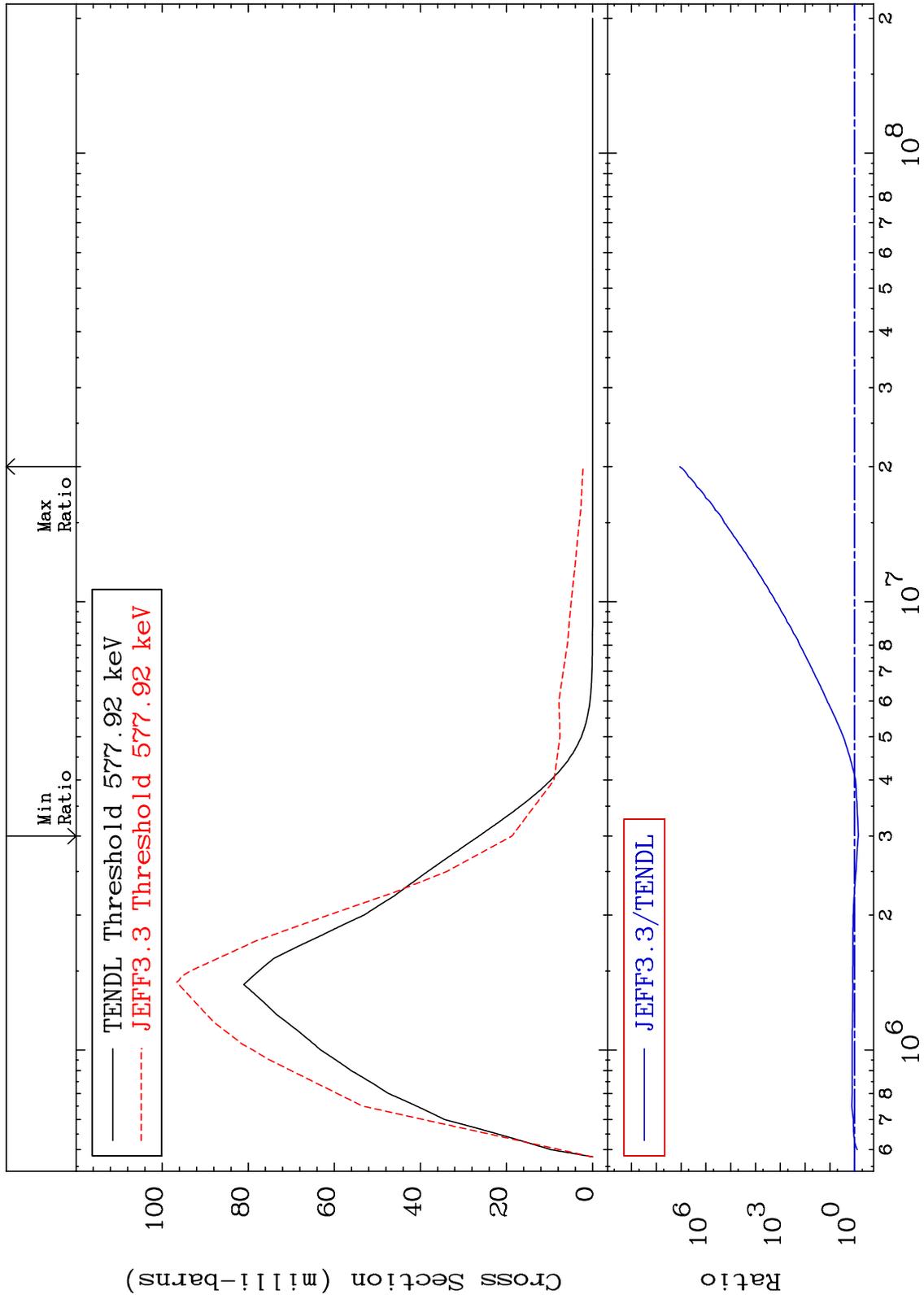


9

Incident Energy (eV)

51-Sb-121

MAT 5125 MT= 53 (n, n') Level Cross Section 51-Sb-121 -29.00 To 9999. %

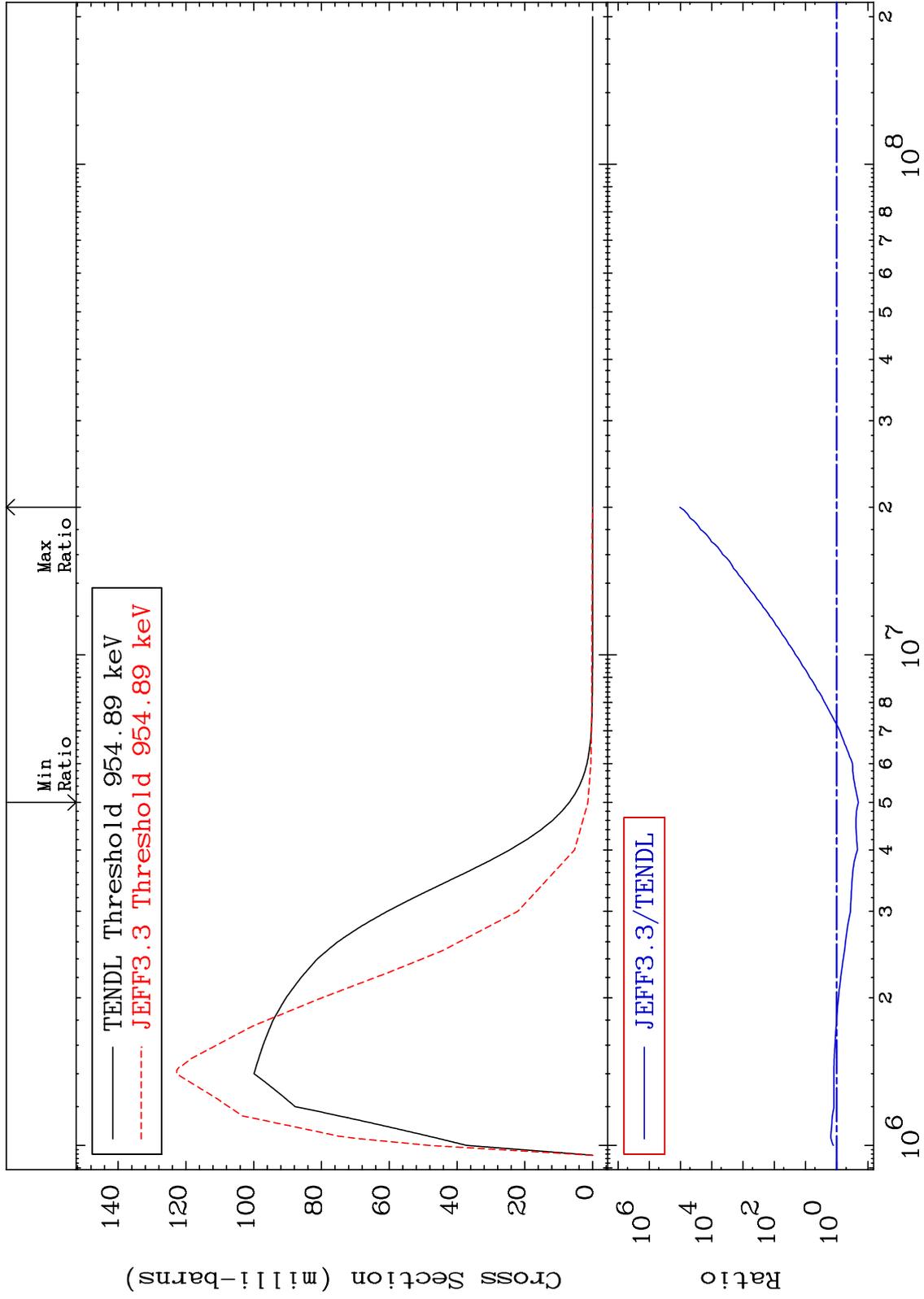


10 Incident Energy (eV) 51-Sb-121

MAT 5125

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

51-Sb-121
-79.74 To 9999. %



11

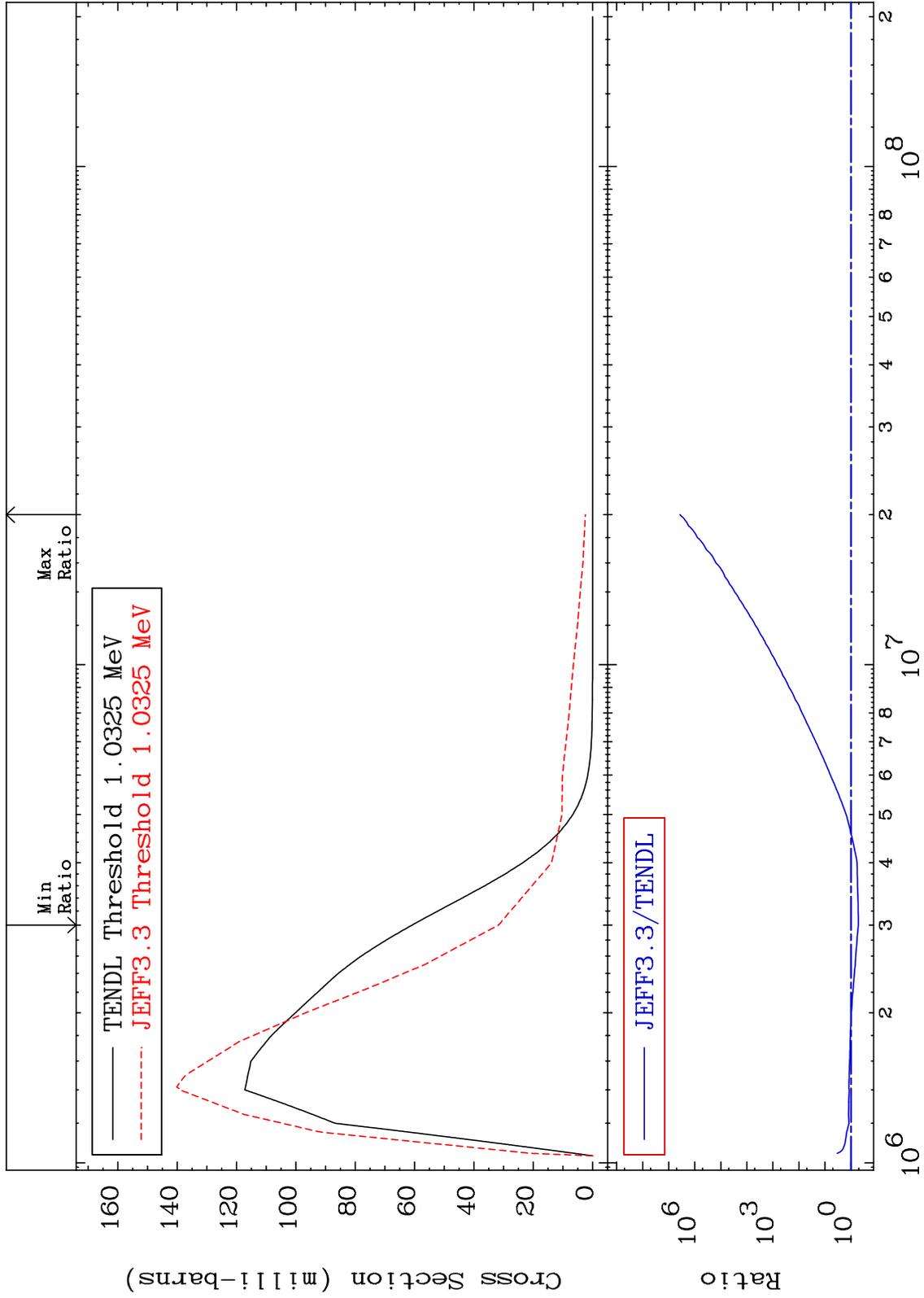
Incident Energy (eV)

51-Sb-121

MAT 5125

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

51-Sb-121
-47.87 To 9999. %



Incident Energy (eV)

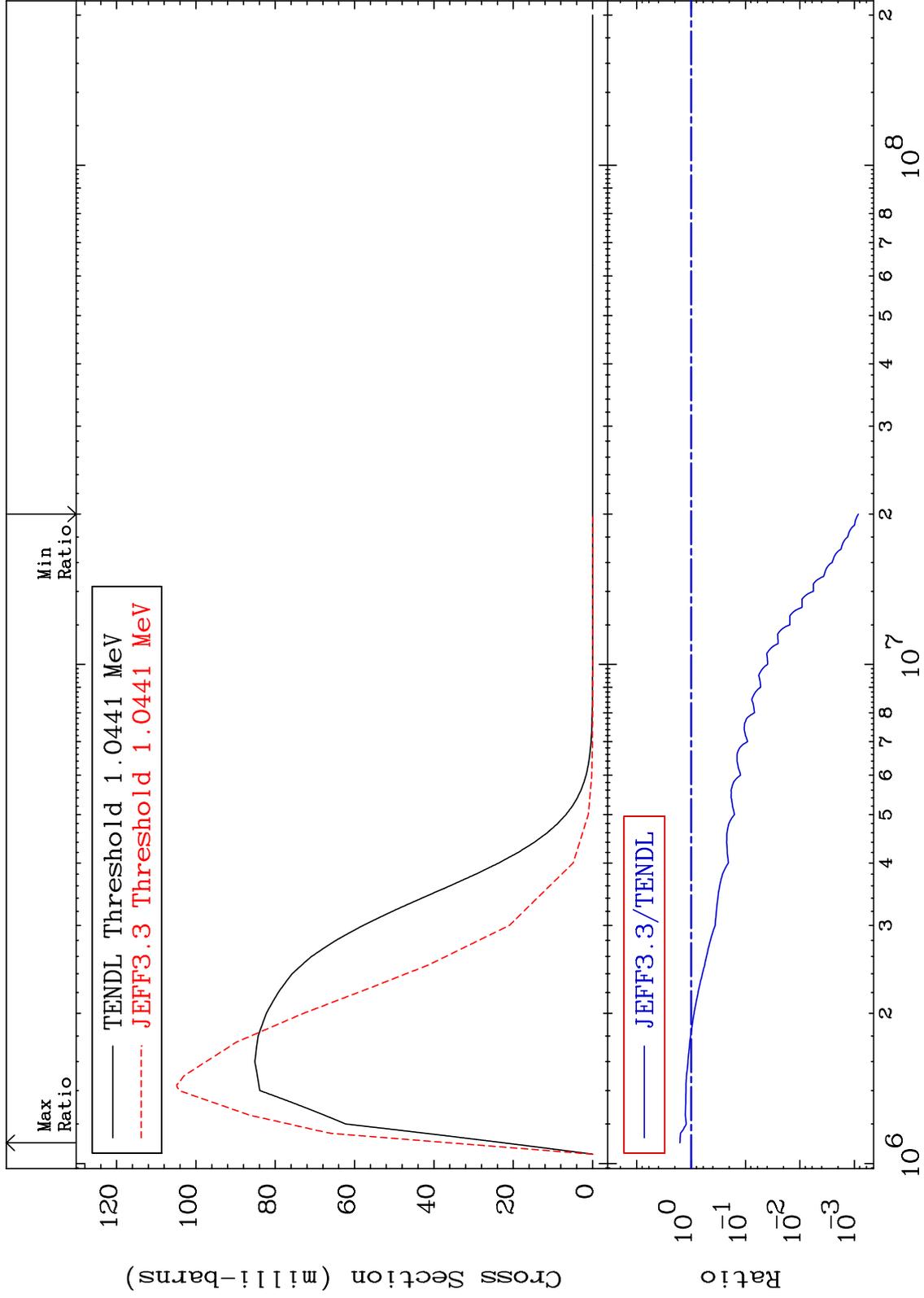
12

51-Sb-121

MAT 5125

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

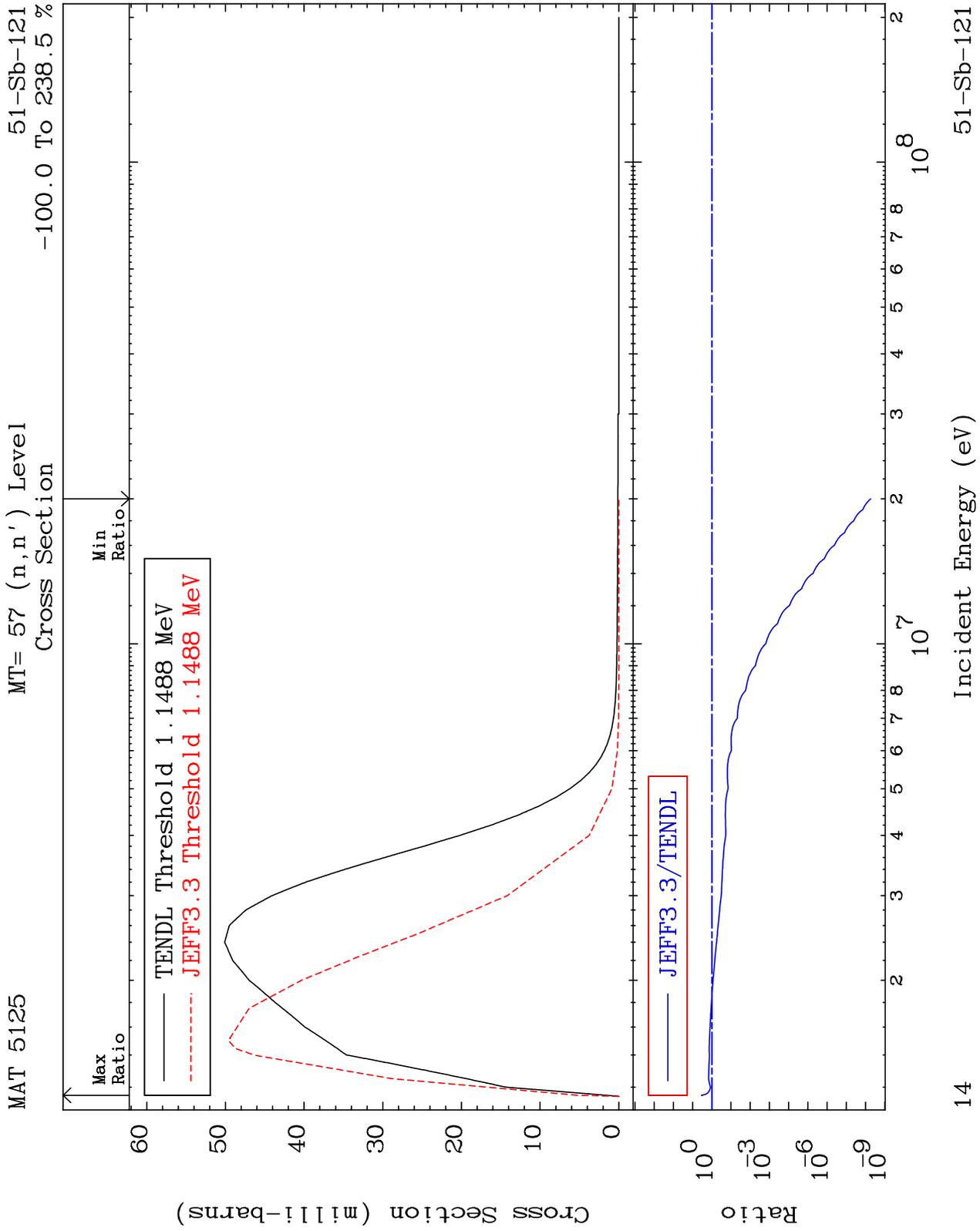
51-Sb-121
-99.92 To 60.81 %



Incident Energy (eV)

51-Sb-121

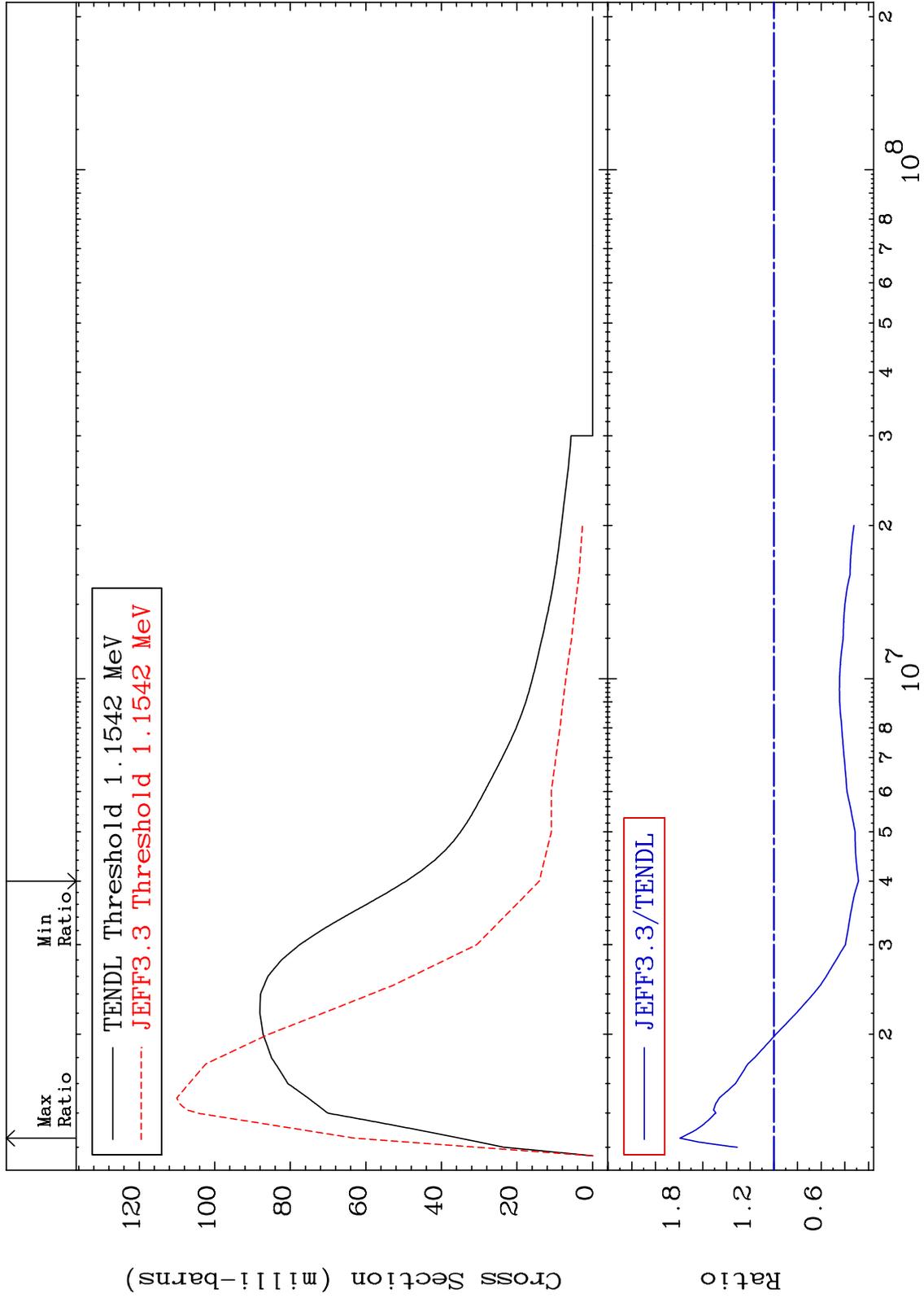
13



MAT 5125

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

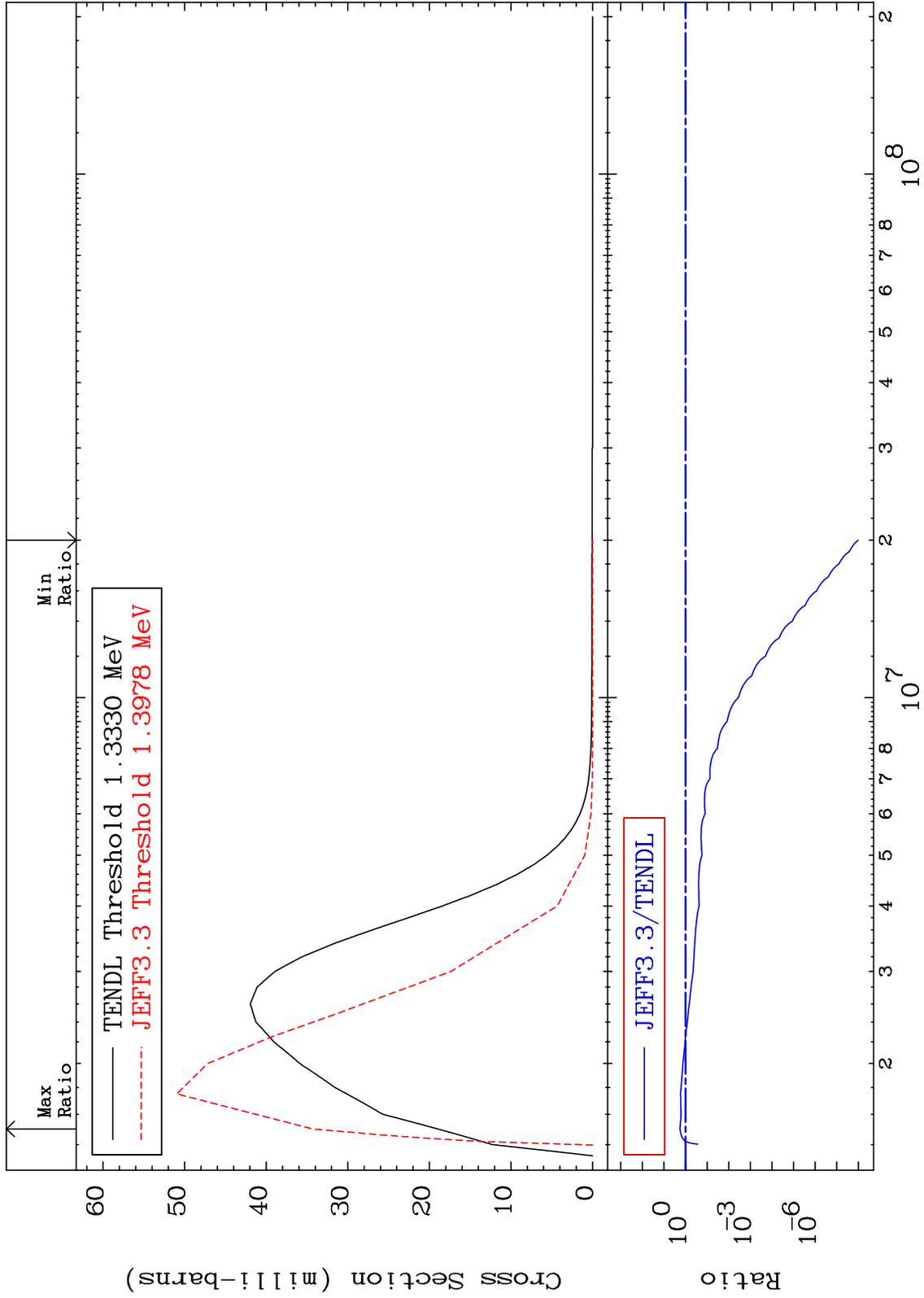
51-Sb-121
-71.44 To 79.33 %



MAT 5125

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

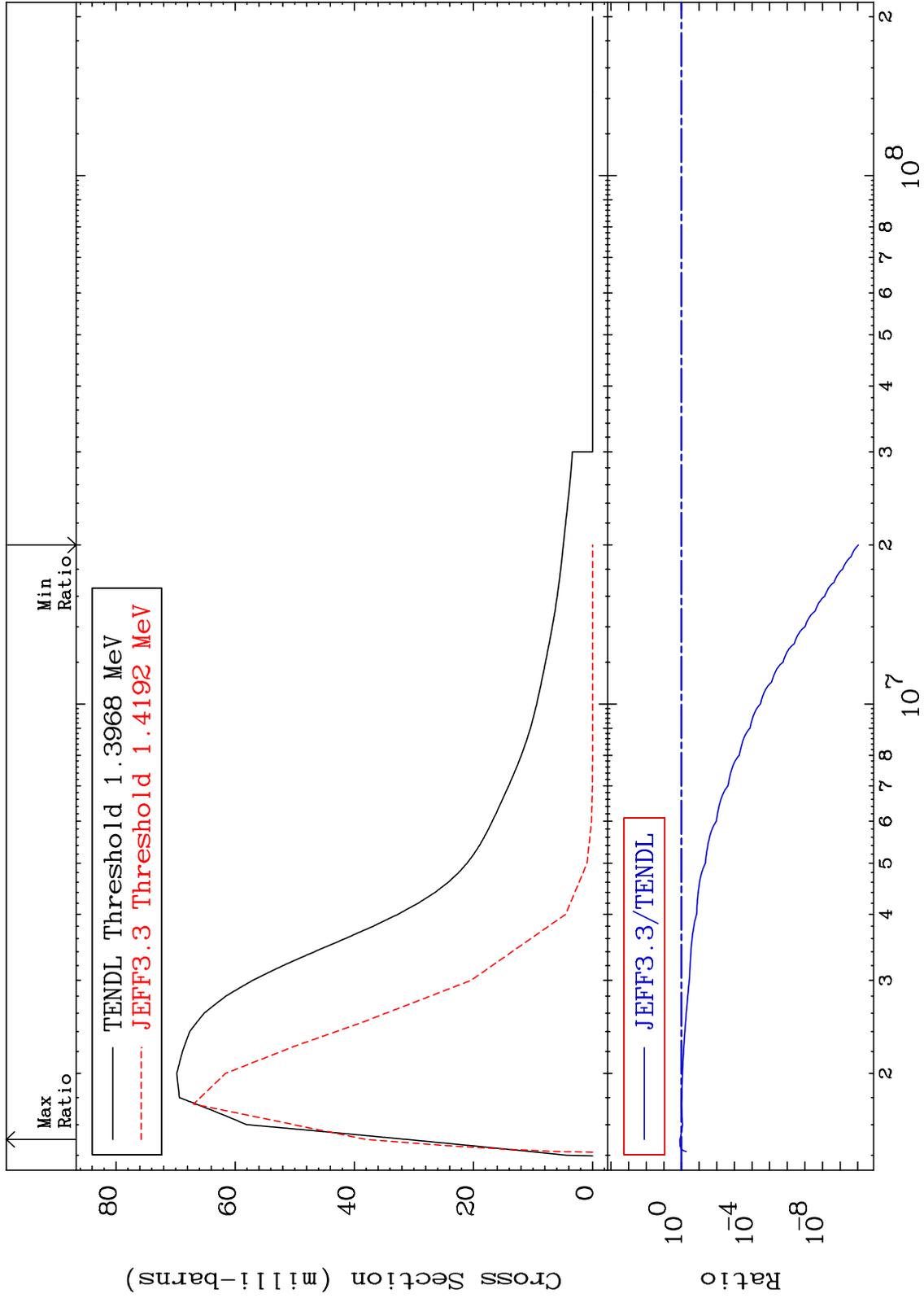
51-Sb-121
-100.0 To 80.80 %



MAT 5125

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

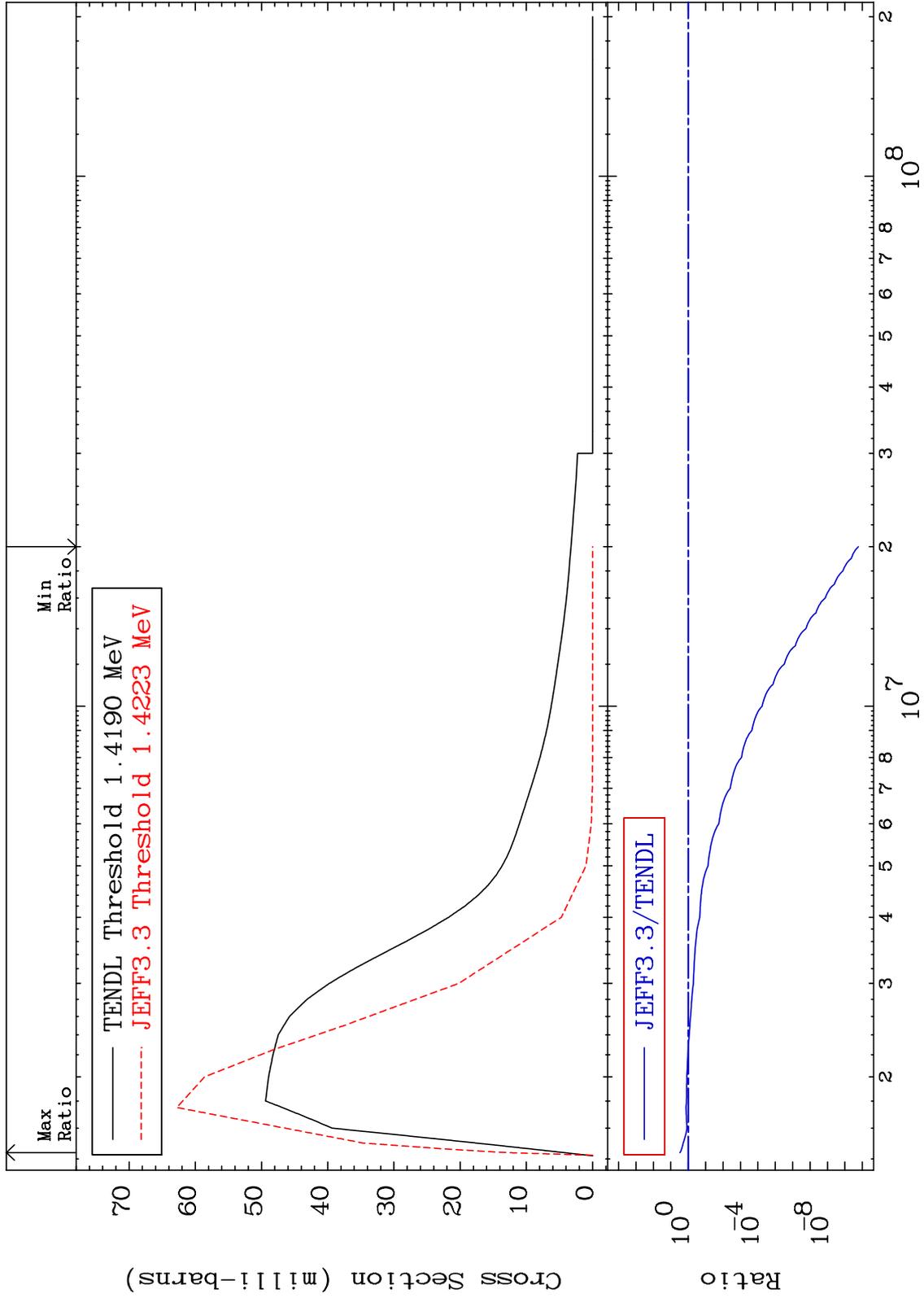
51-Sb-121
-100.0 To 22.14 %



MAT 5125

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

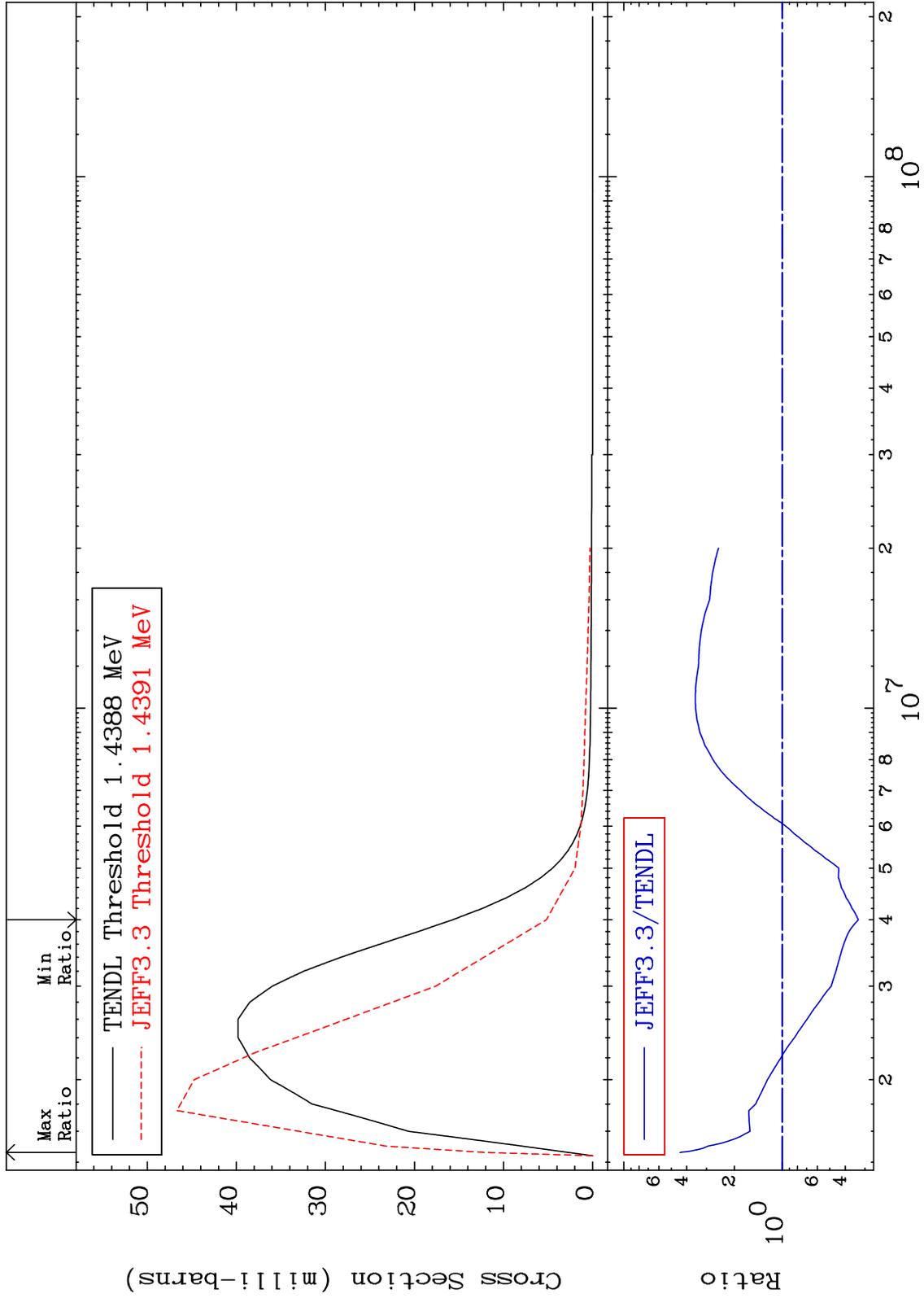
51-Sb-121
-100.0 To 198.6 %



MAT 5125

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

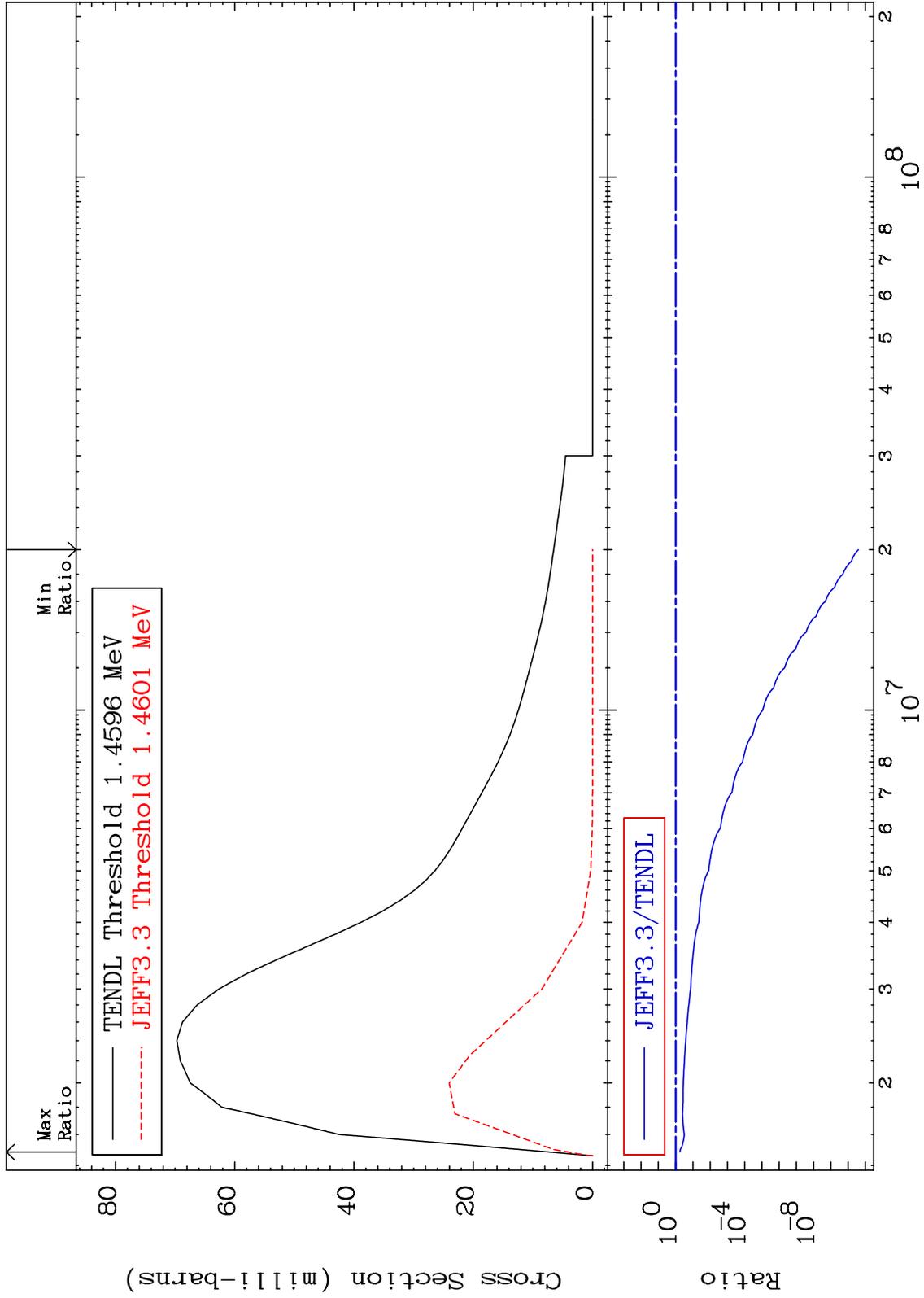
51-Sb-121
-67.00 To 341.6 %



MAT 5125

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

51-Sb-121
-100.0 To -43.80%



20

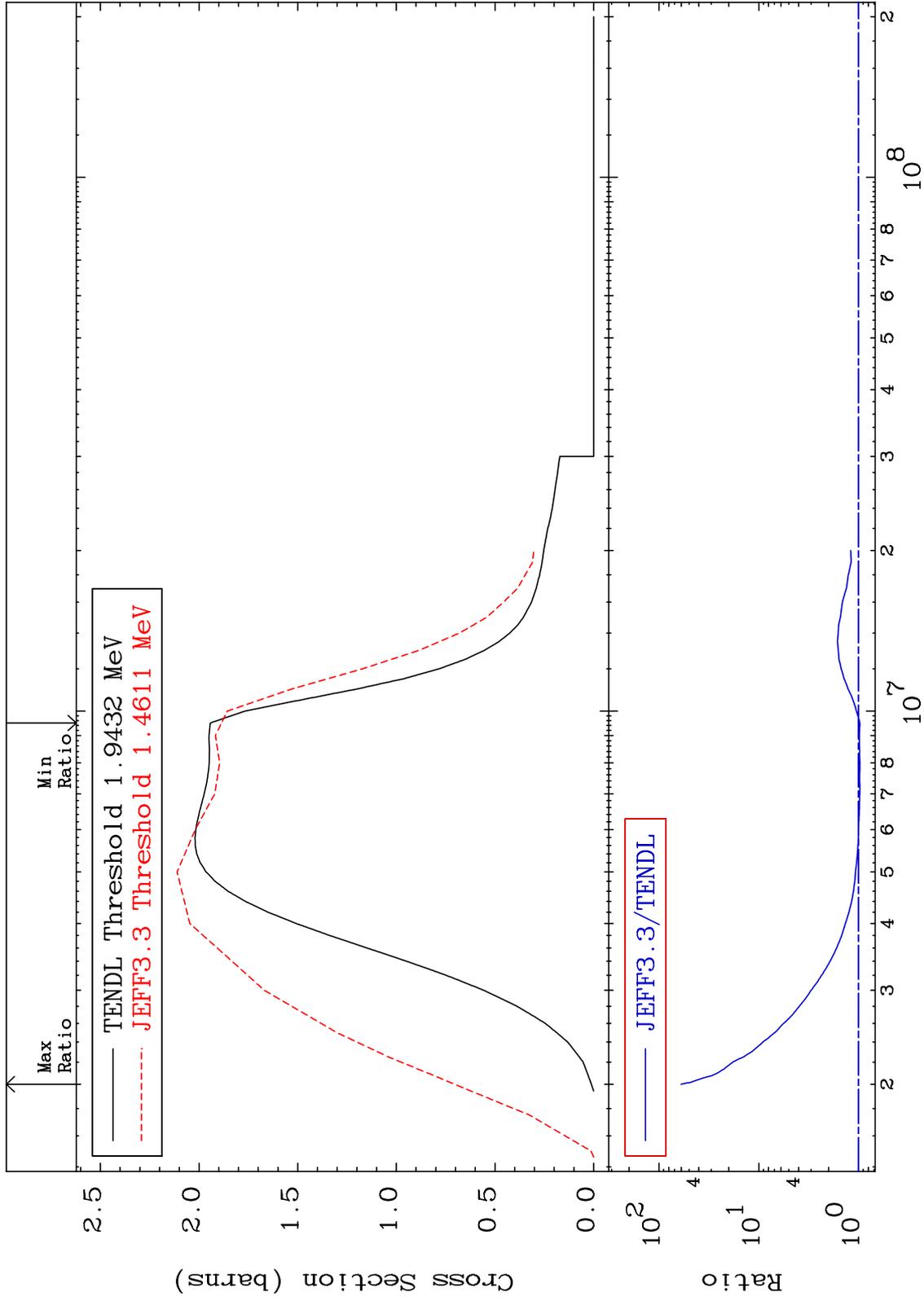
Incident Energy (eV)

51-Sb-121

MAT 5125

(n, n') Continuum
Cross Section

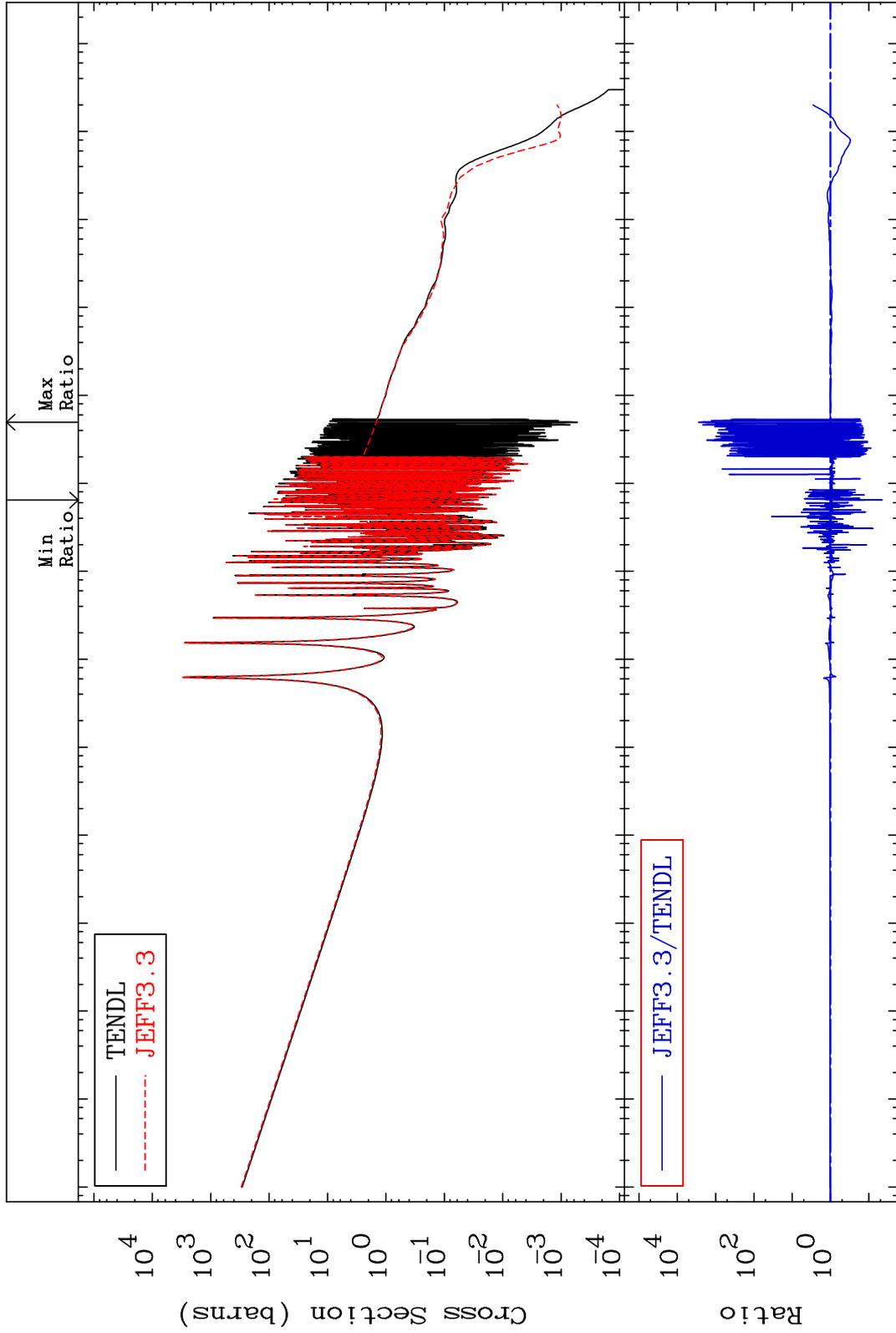
51-Sb-121
-2.918 To 5910. %



MAT 5125

(n, γ)
Cross Section

51-Sb-121
-95.48 To 9999. %



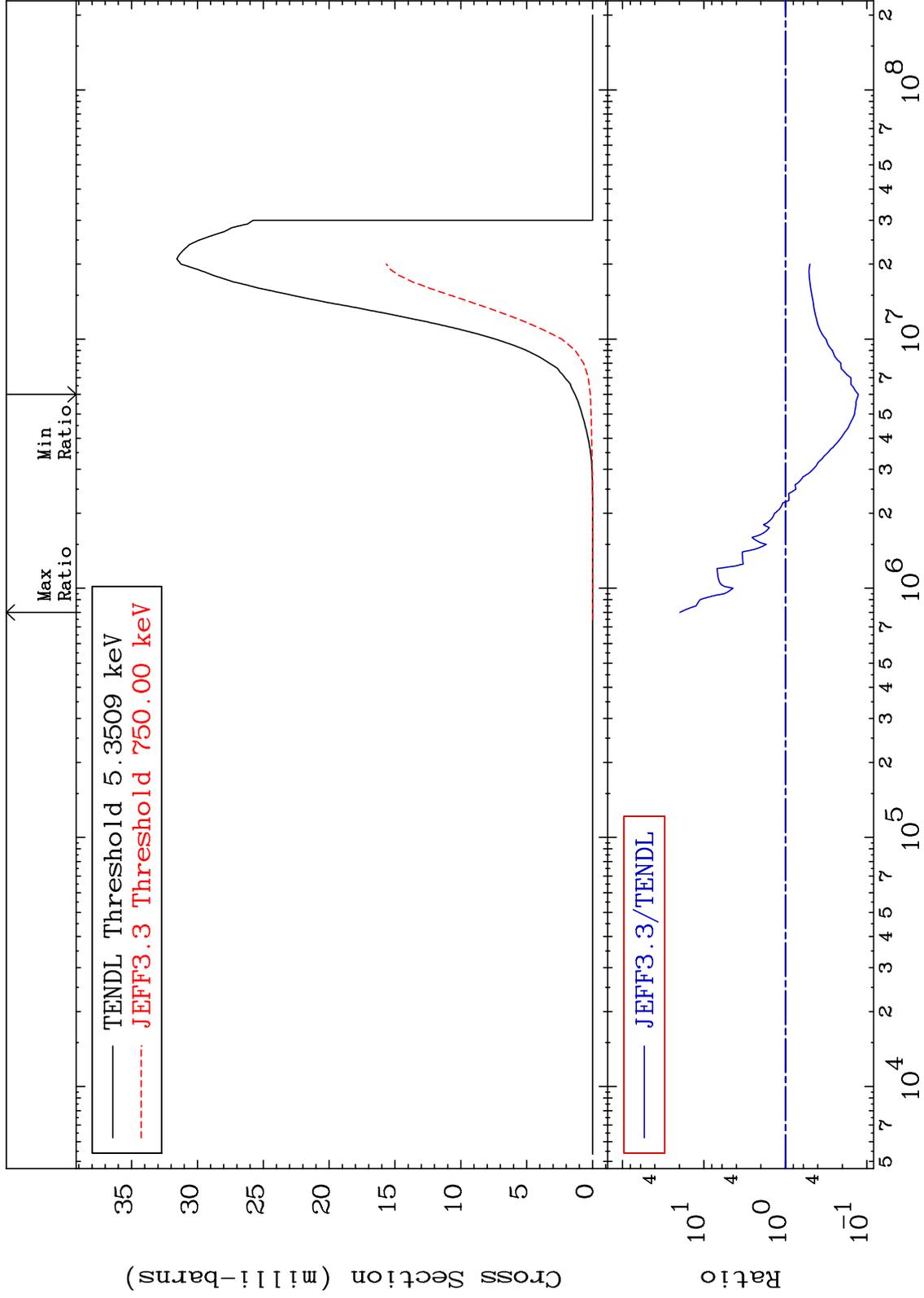
Incident Energy (eV)

51-Sb-121

MAT 5125

(n, p)
Cross Section

51-Sb-121
-87.29 To 1868. %



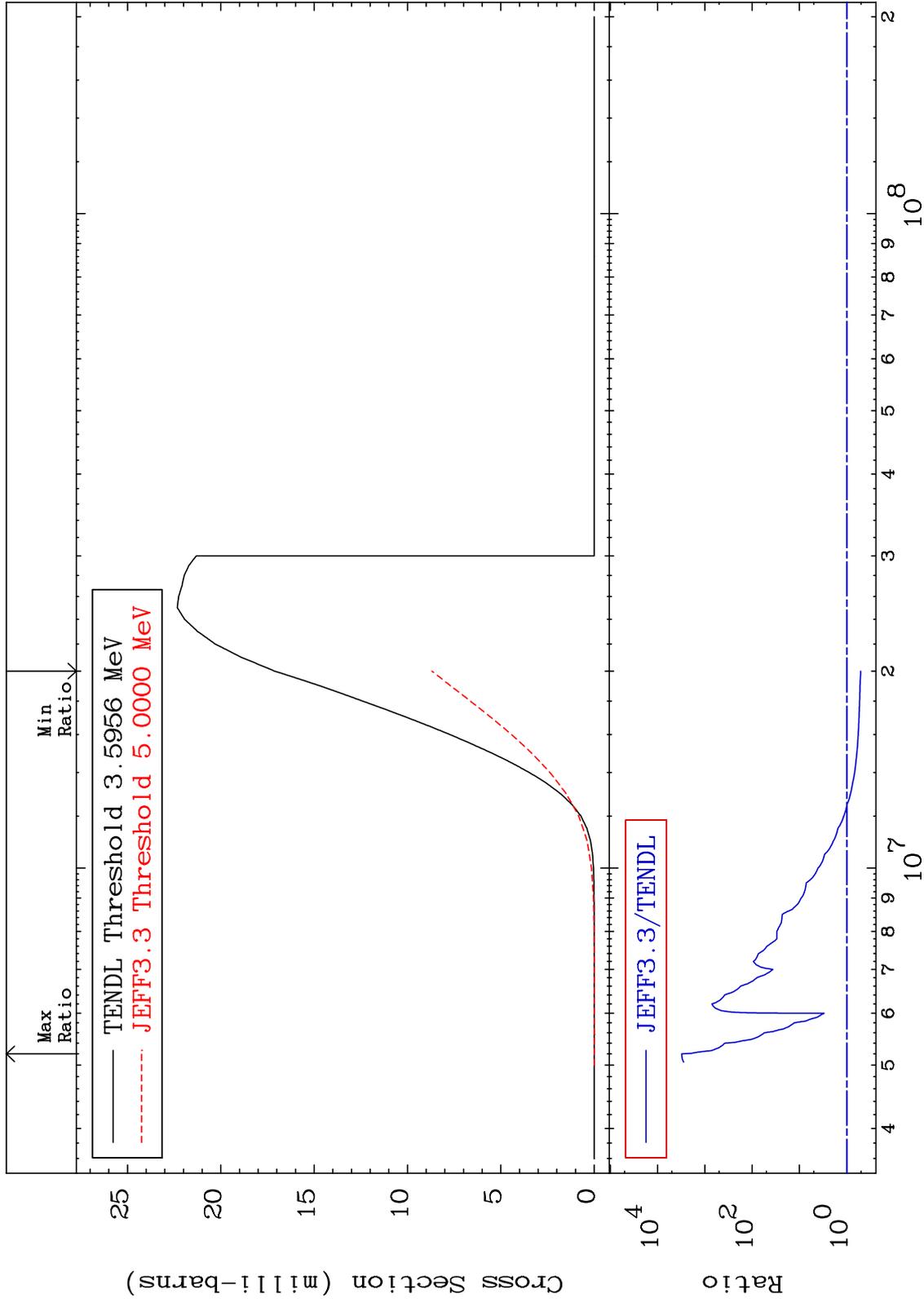
MAT 5125

(n, d)

51-Sb-121

Cross Section

-49.20 To 9999. %



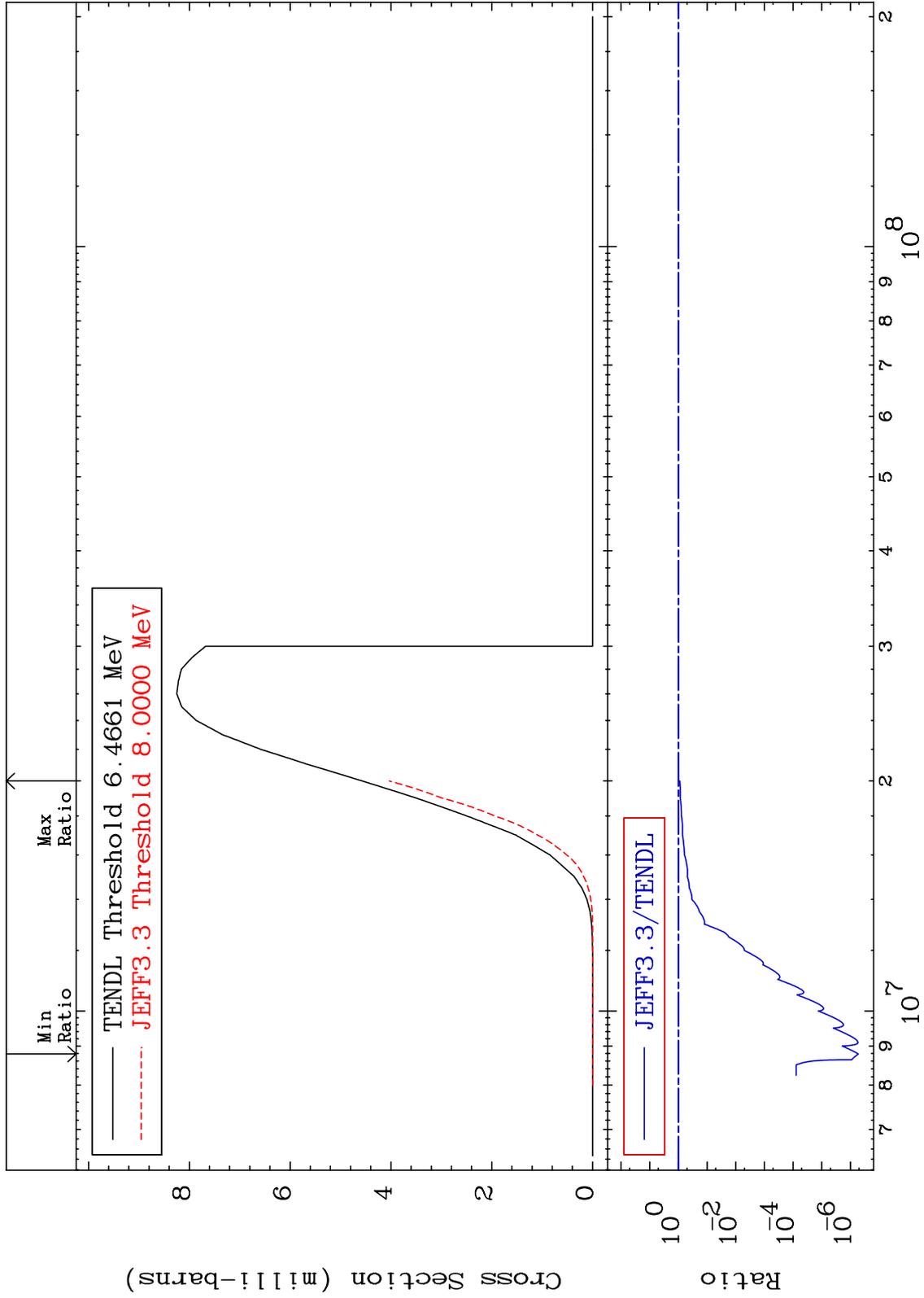
MAT 5125

(n, t)

51-Sb-121

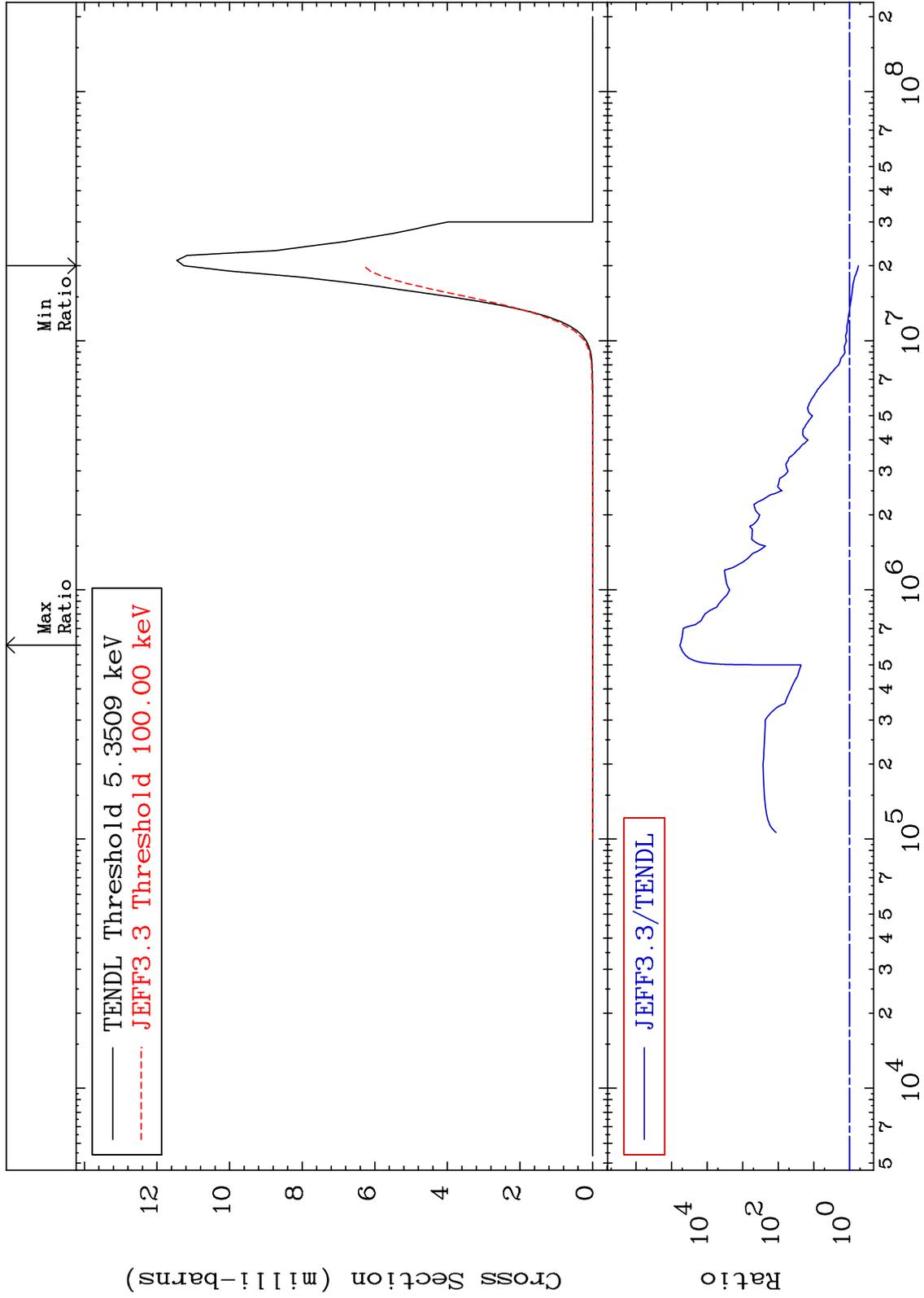
Cross Section

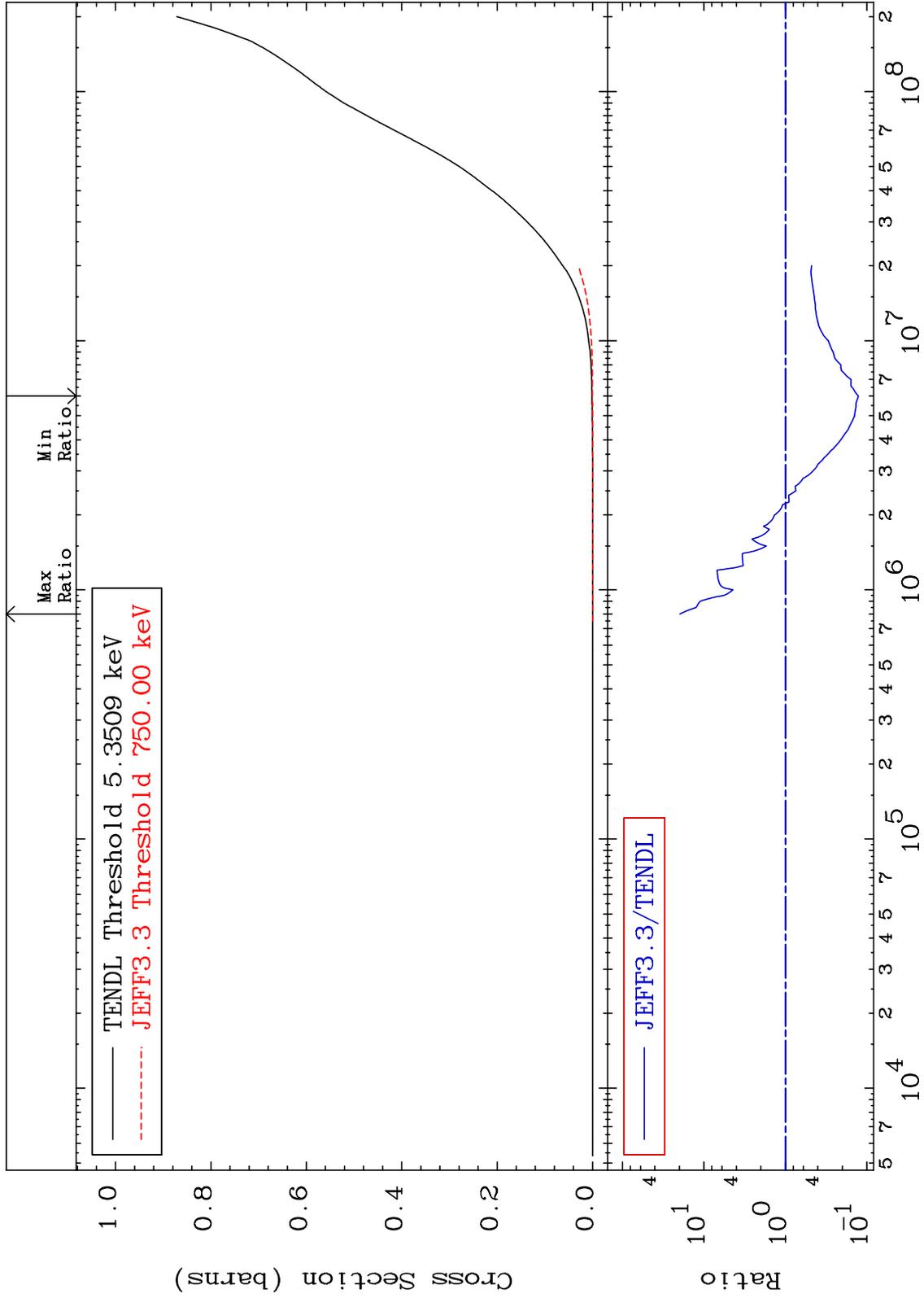
-100.0 To -11.78%



MAT 5125

(n, α) Cross Section
51-Sb-121
-43.99 To 9999. %

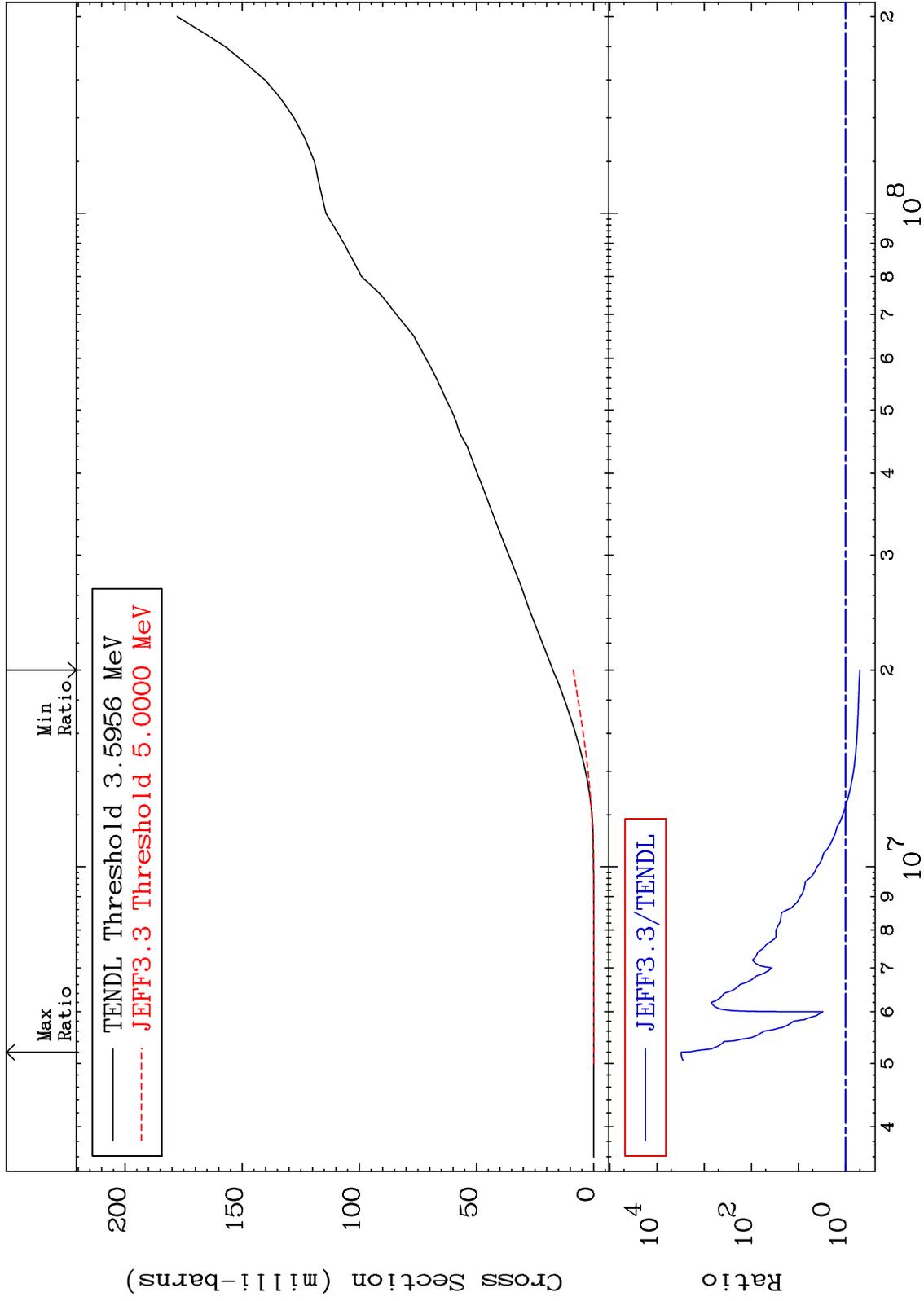




MAT 5125

Deuterium Production
Cross Section

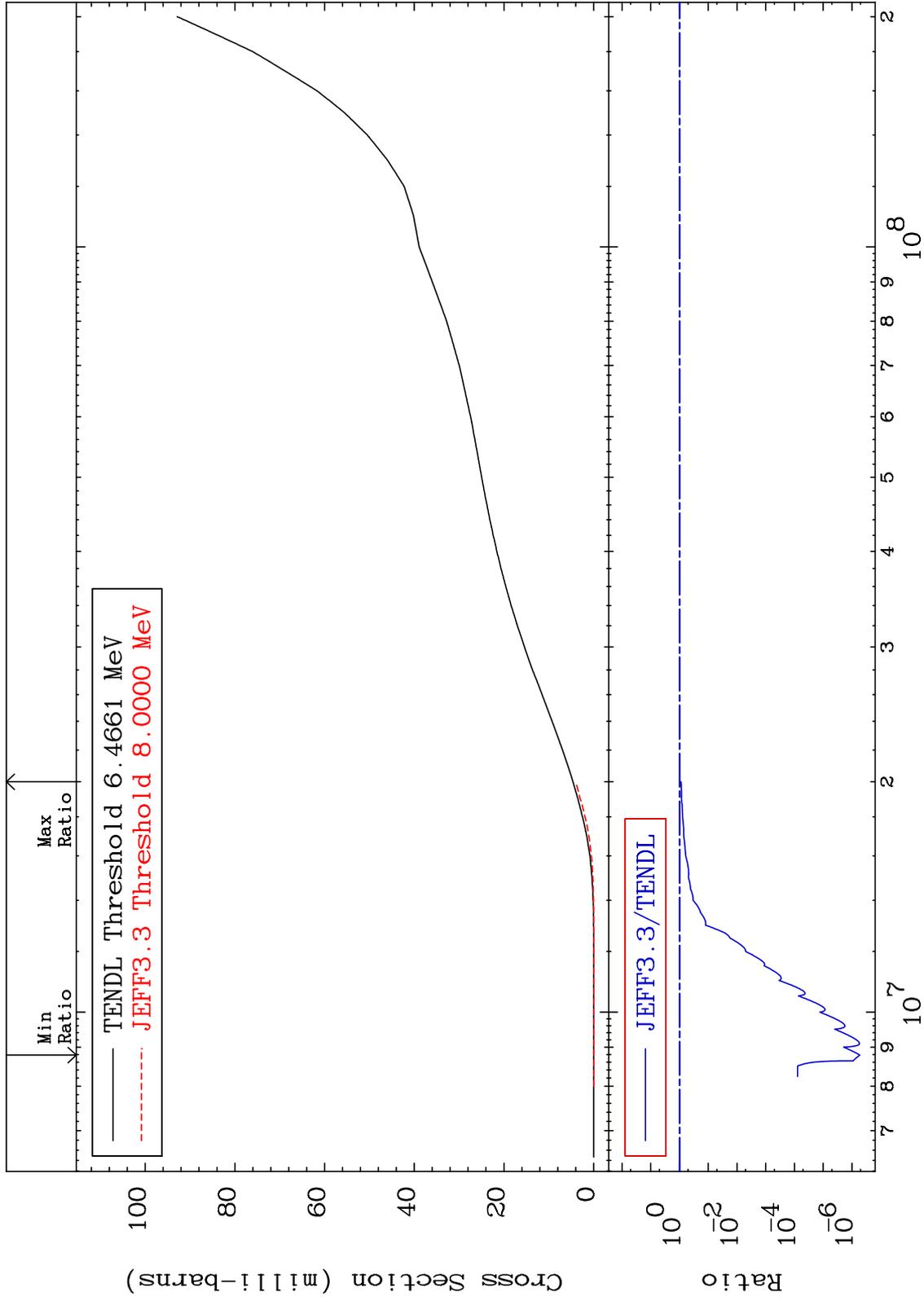
51-Sb-121
-49.99 To 9999. %



MAT 5125

Tritium Production
Cross Section

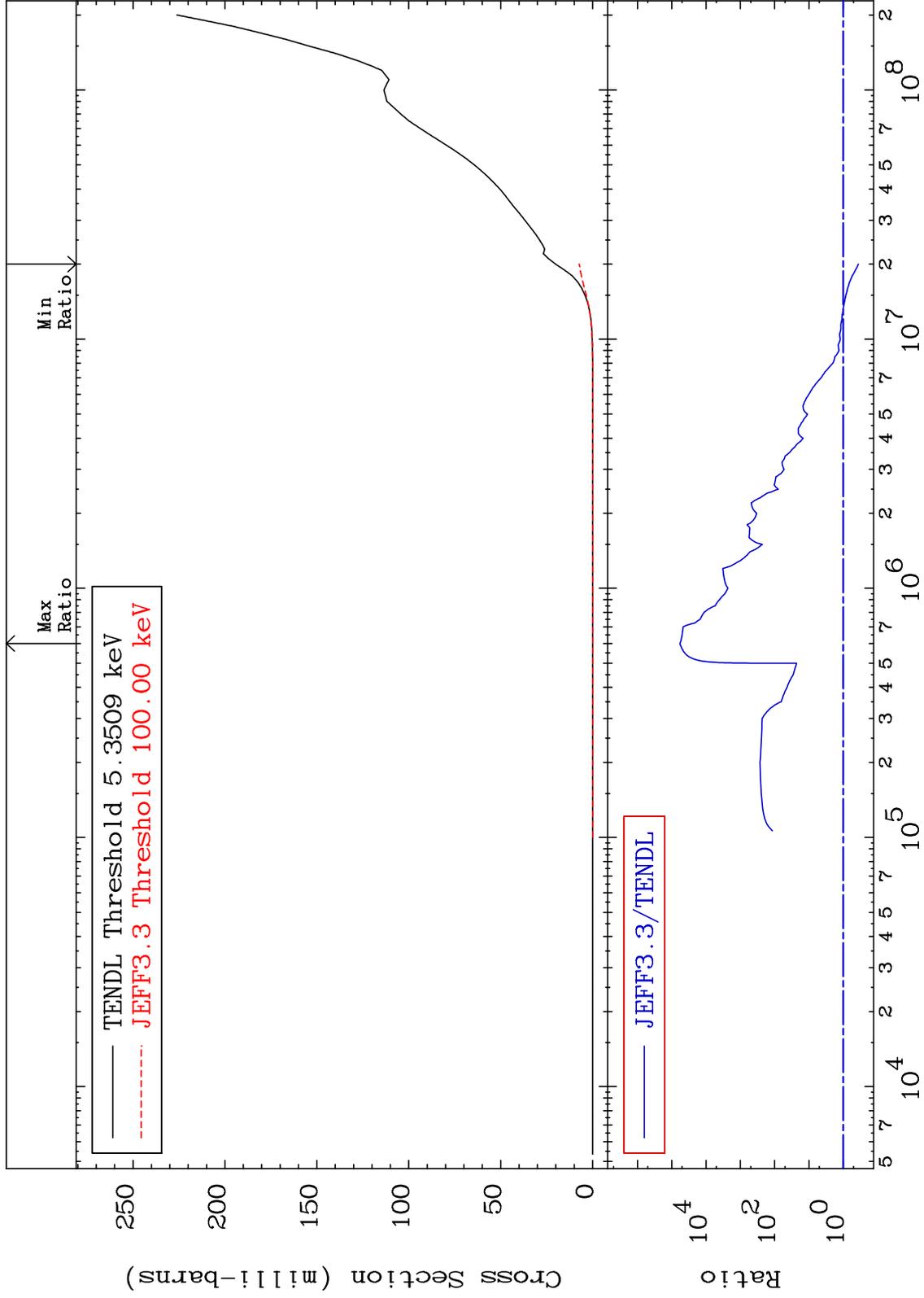
51-Sb-121
-100.0 To -12.42%



MAT 5125

He-4 Production
Cross Section

51-Sb-121
-63.87 To 9999. %



30

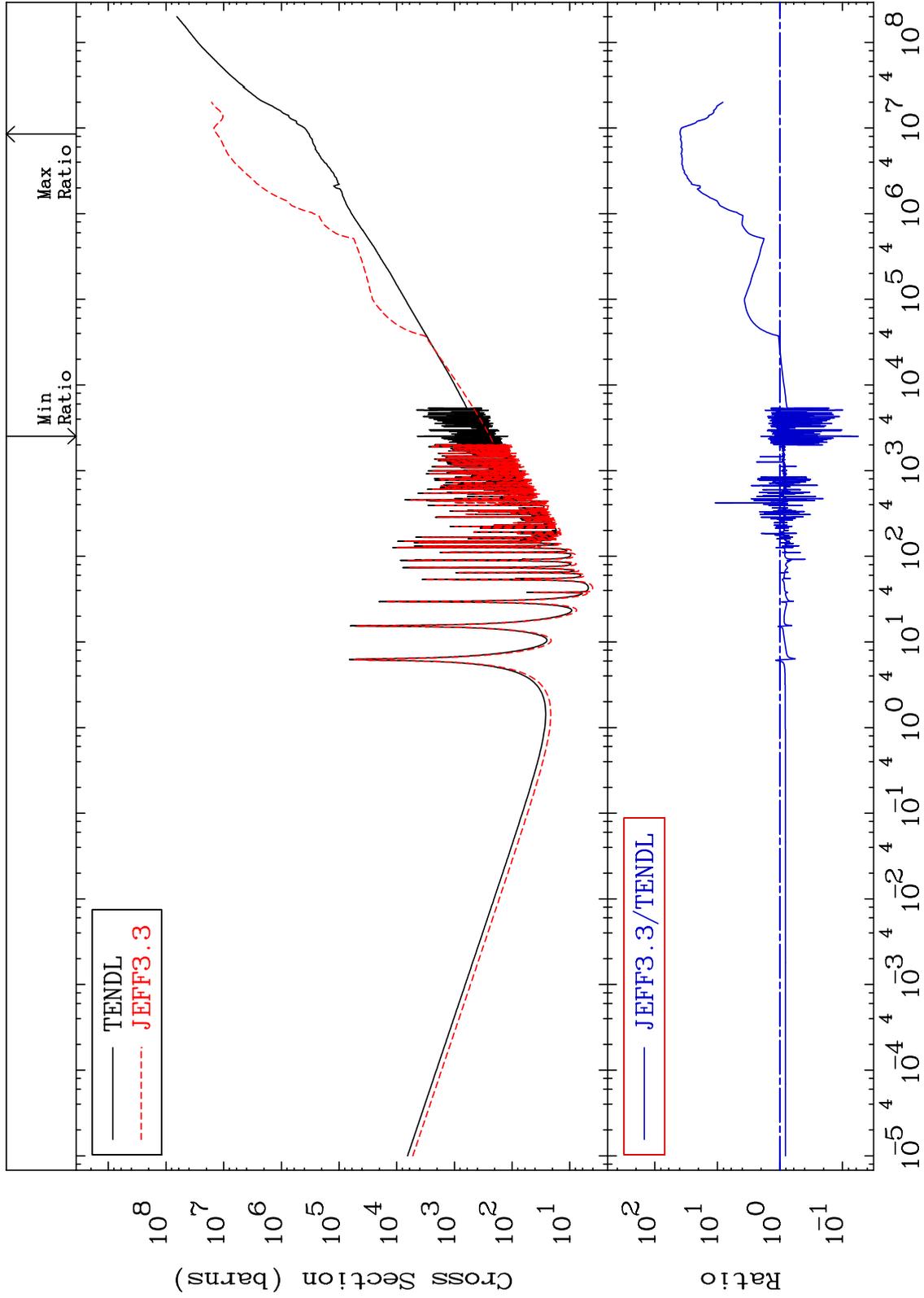
Incident Energy (eV)

51-Sb-121

MAT 5125

Kerma total (eV-barns)
Cross Section

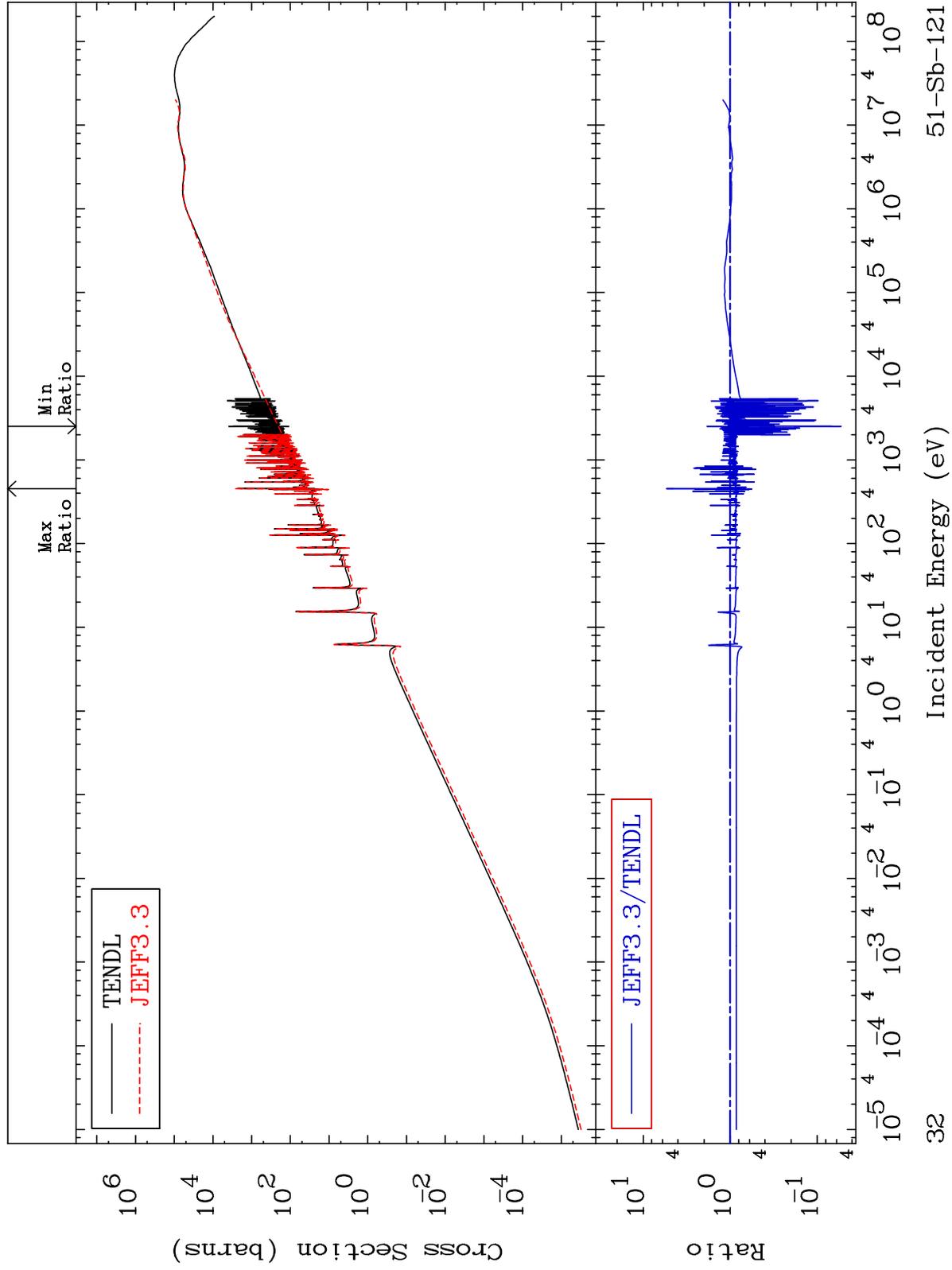
51-Sb-121
-94.45 To 3865. %



MAT 5125

Kerma elastic
Cross Section

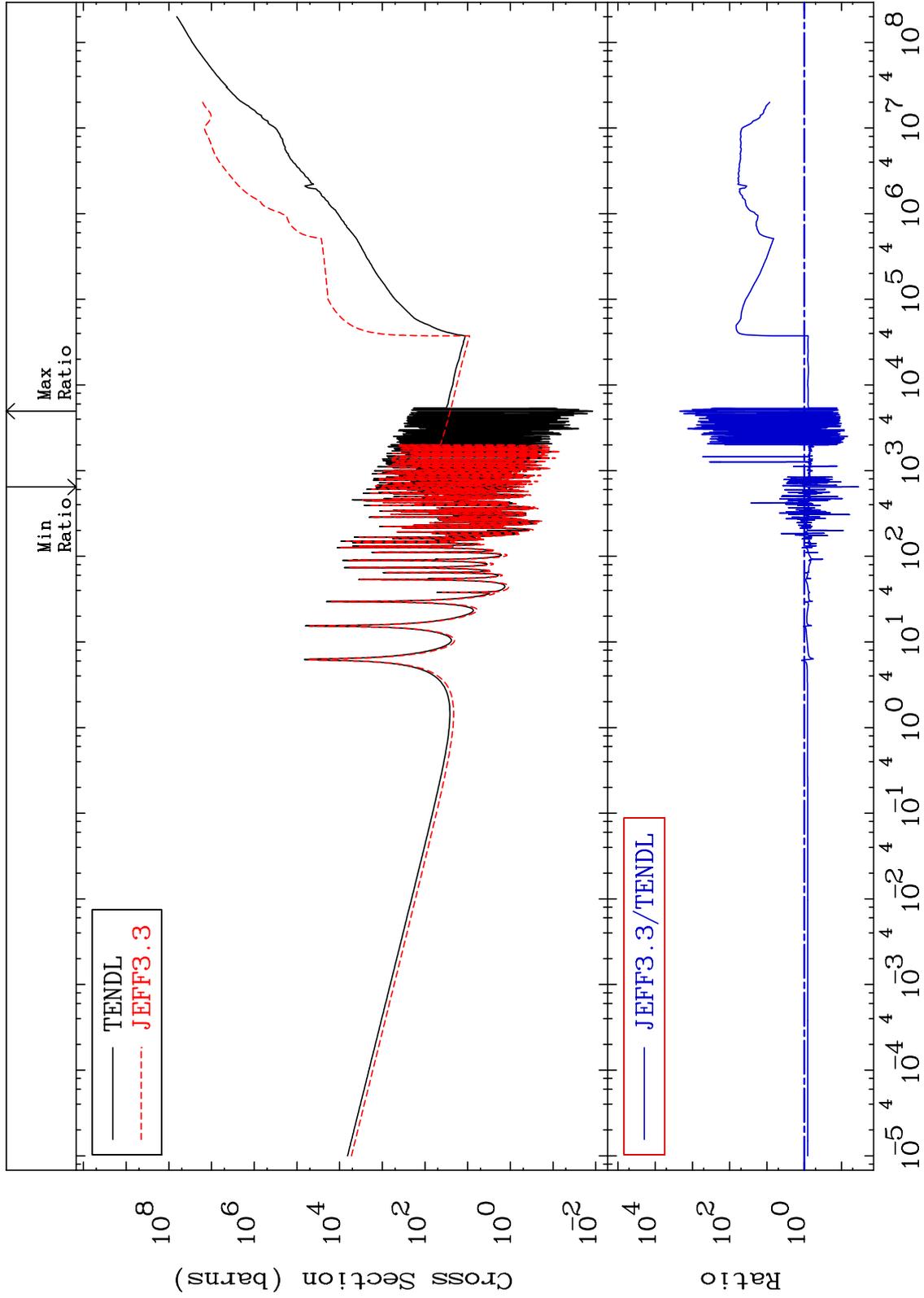
51-Sb-121
-94.65 To 441.4 %



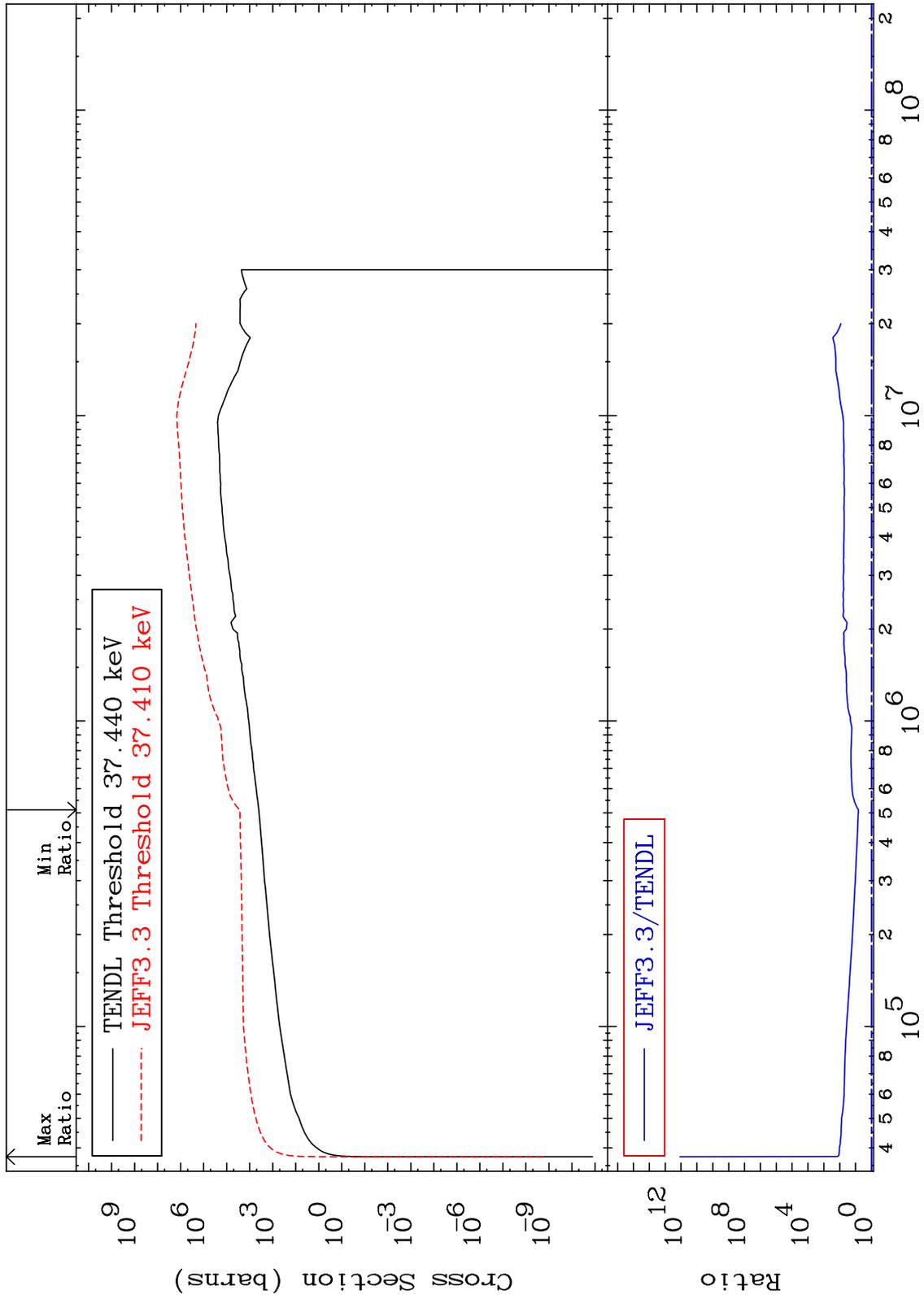
MAT 5125

Kerma non-elastic (all but mt2)
Cross Section

51-Sb-121
-96.47 To 9999. %



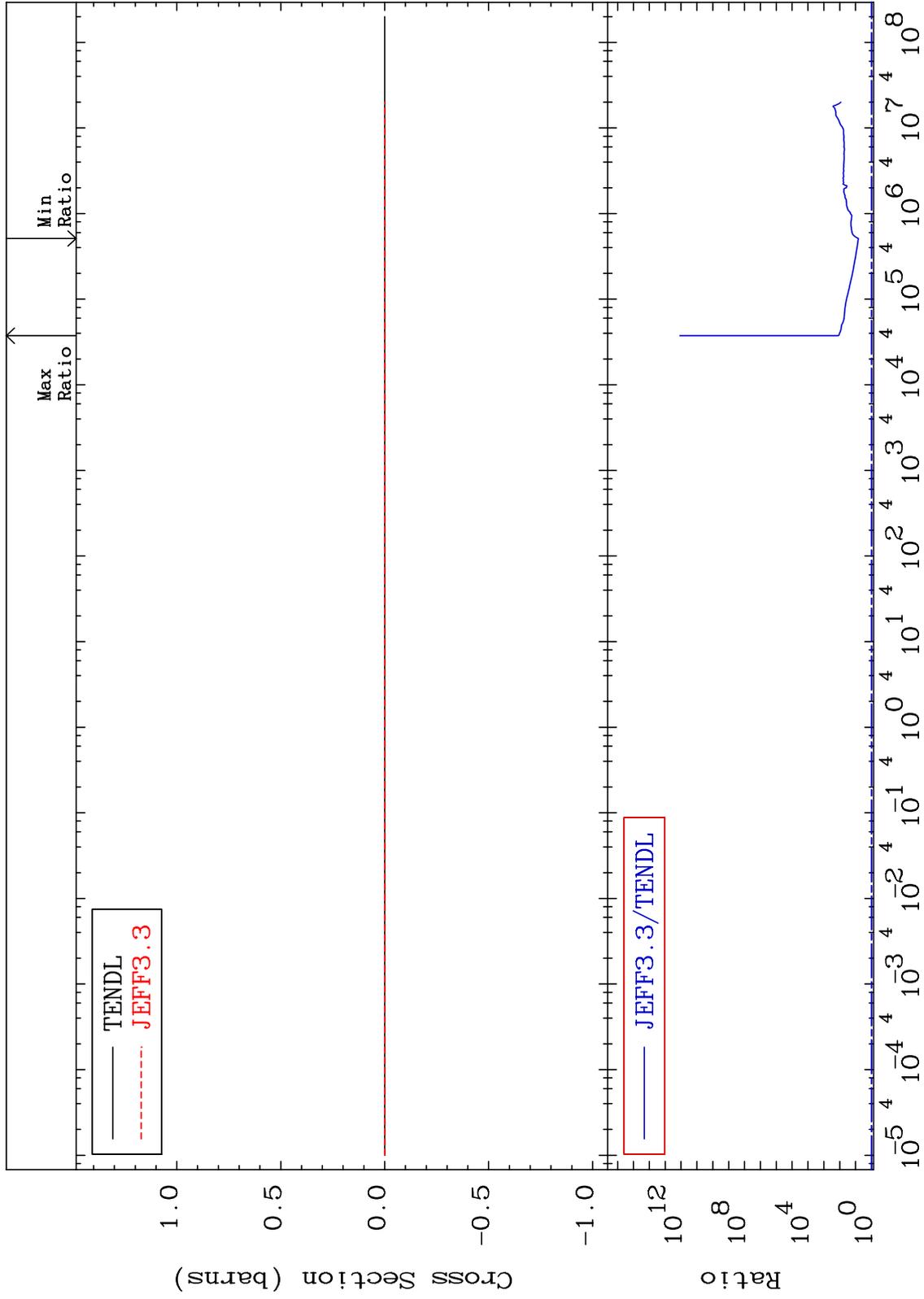
MAT 5125 Kerma inelastic (mt51-91) 51-Sb-121
 Cross Section 563.0 To 9999. %



MAT 5125

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

51-Sb-121
563.0 To 9999. %



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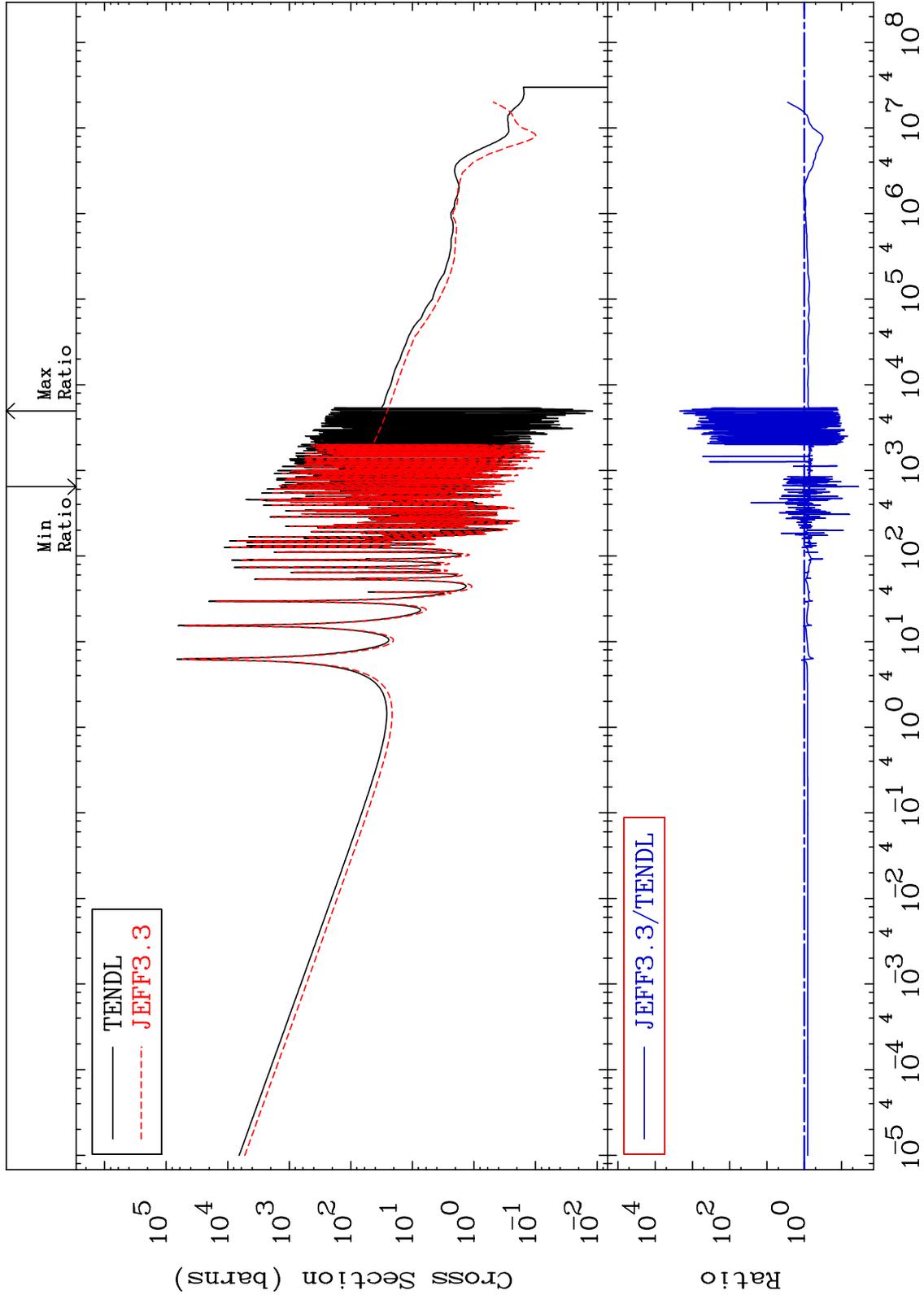
Incident Energy (eV)

51-Sb-121

MAT 5125

Kerma capture (mt102)
Cross Section

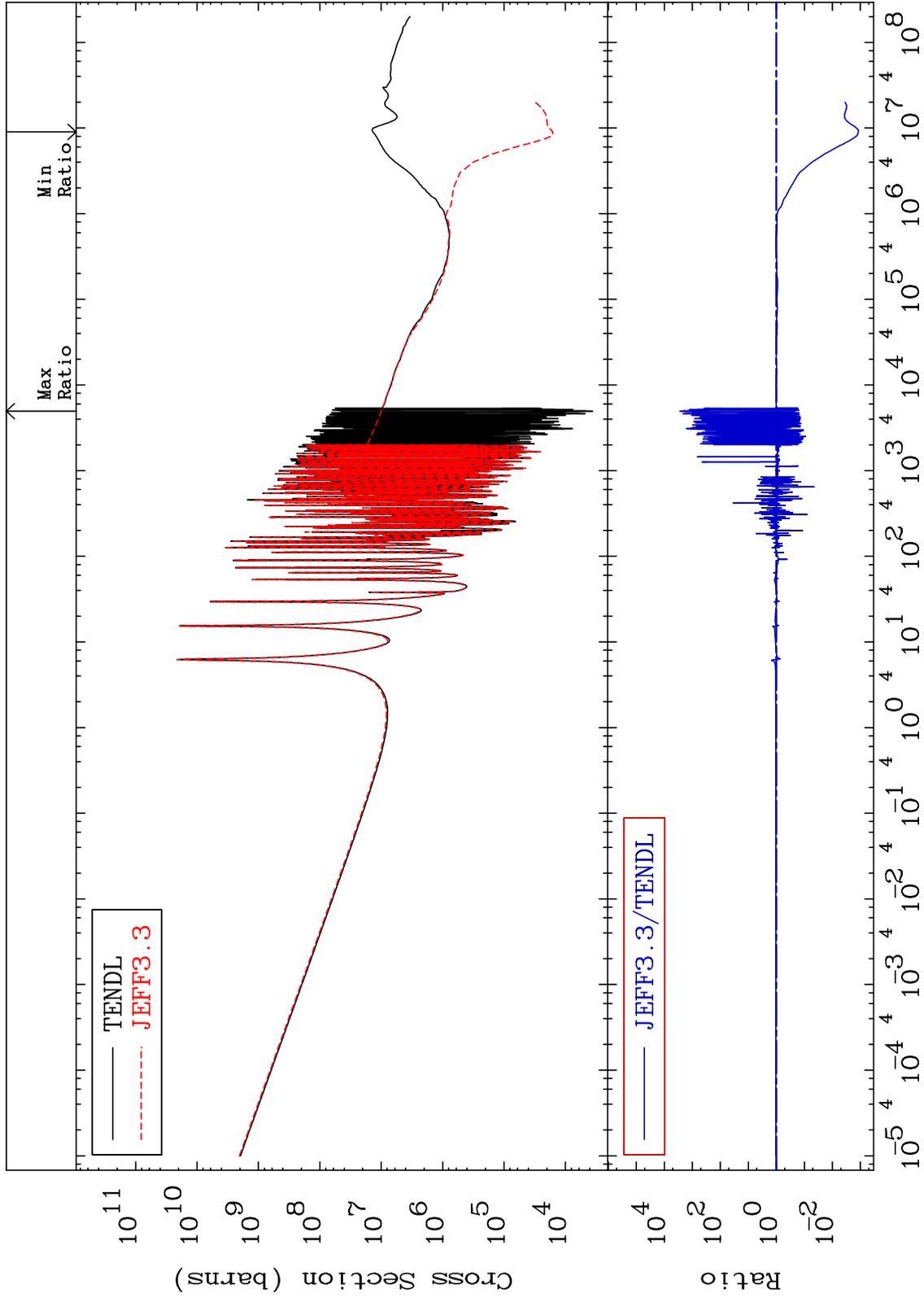
51-Sb-121
-96.47 To 9999. %



MAT 5125

Total photon (eV-barns)
Cross Section

51-Sb-121
-99.88 To 9999. %



37

Incident Energy (eV)

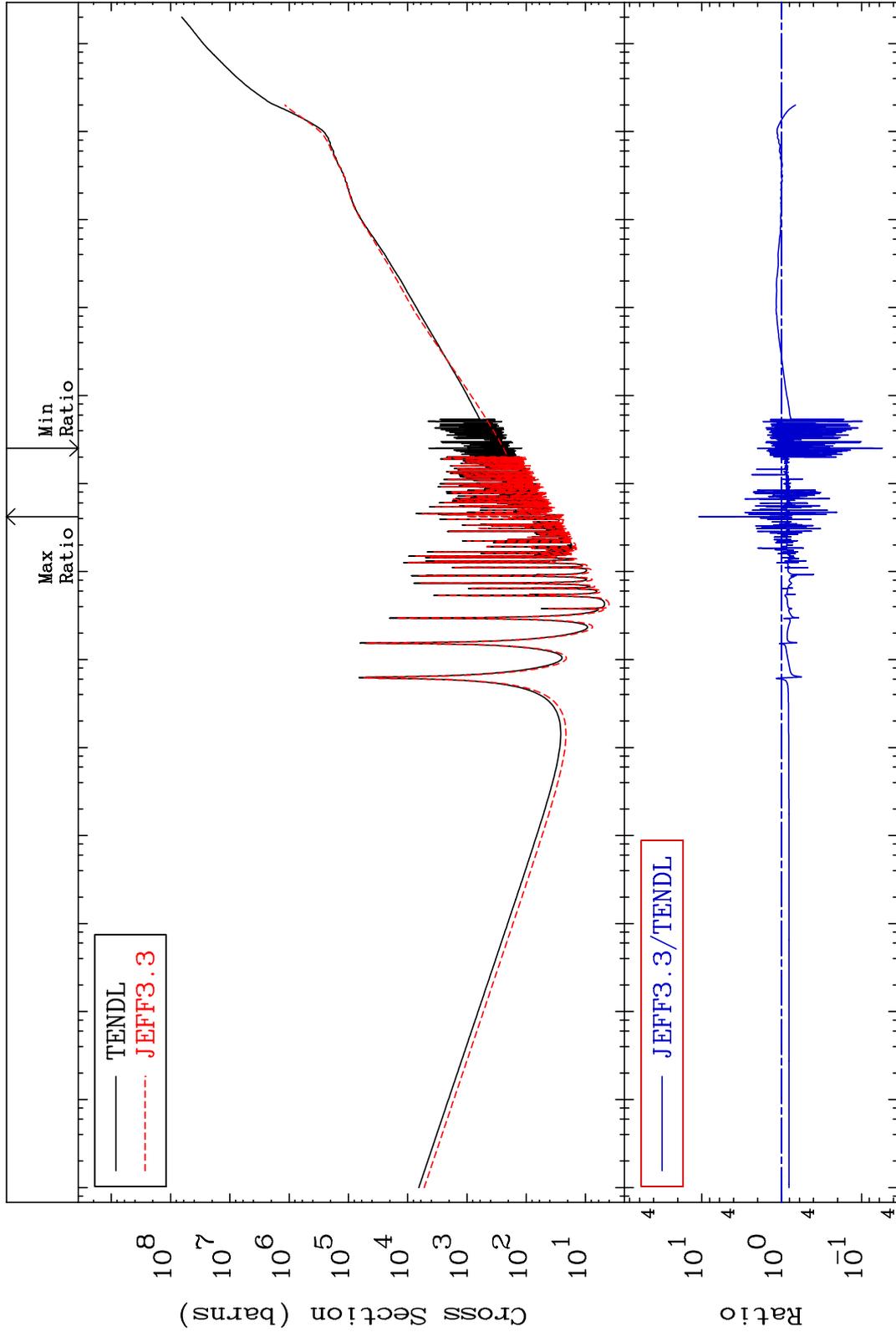
51-Sb-121

MAT 5125

Total kinematic kerma (high limit)
Cross Section

51-Sb-121

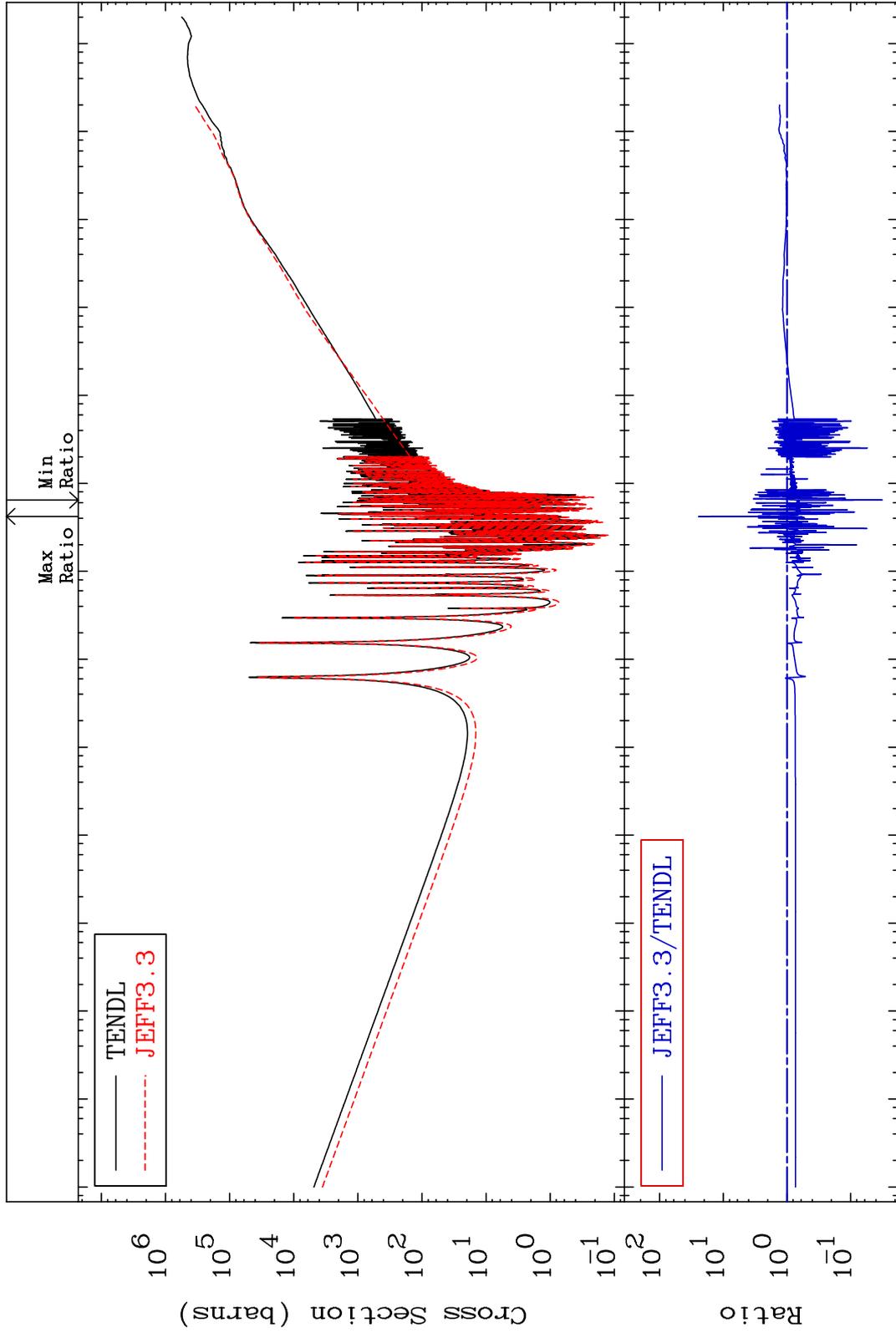
-94.45 To 992.2 %



MAT 5125

Dpa total (eV-barns)
Cross Section

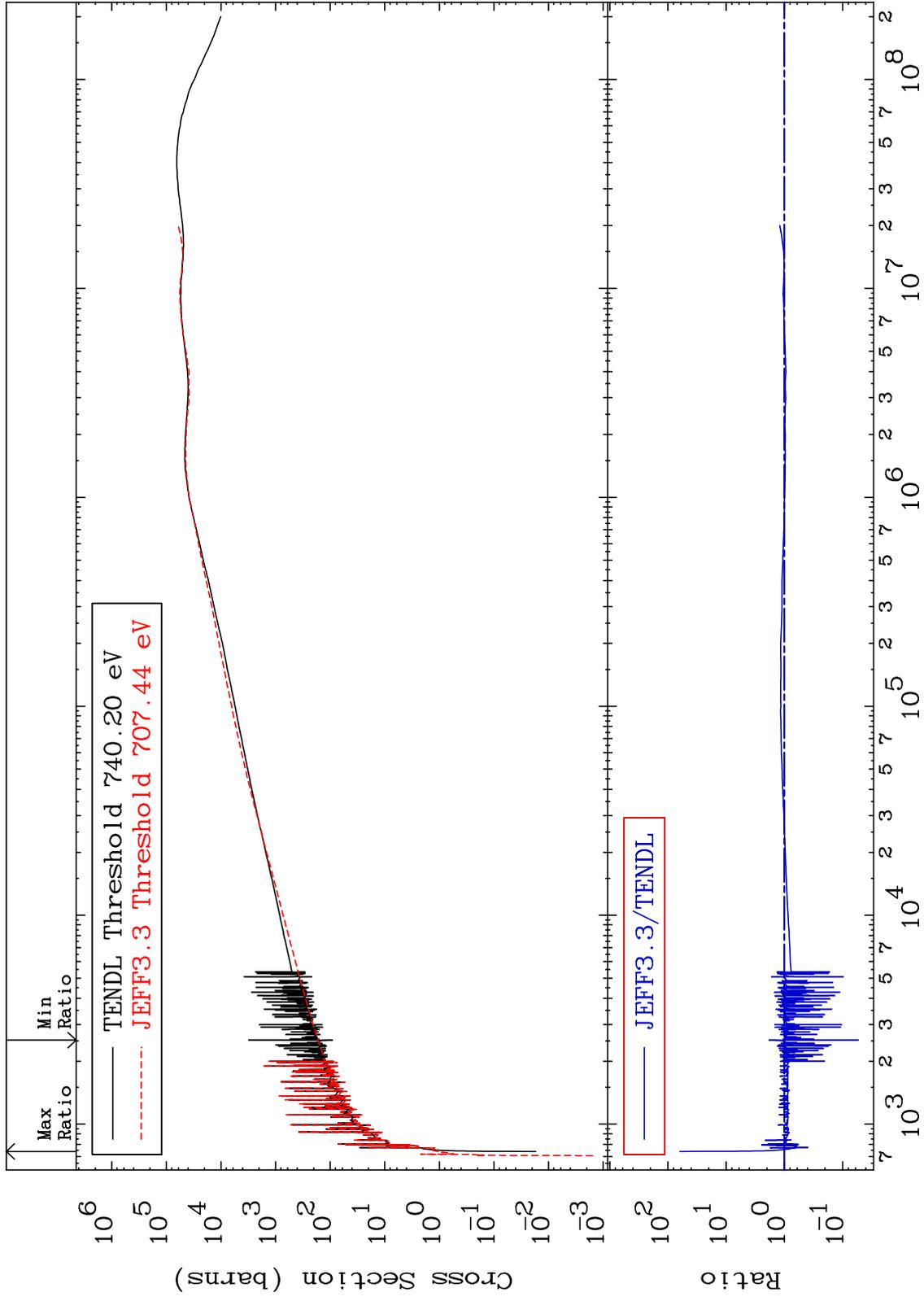
51-Sb-121
-96.80 To 2336. %



MAT 5125

Dpa elastic (mt2)
Cross Section

51-Sb-121
-94.65 To 6125. %



40

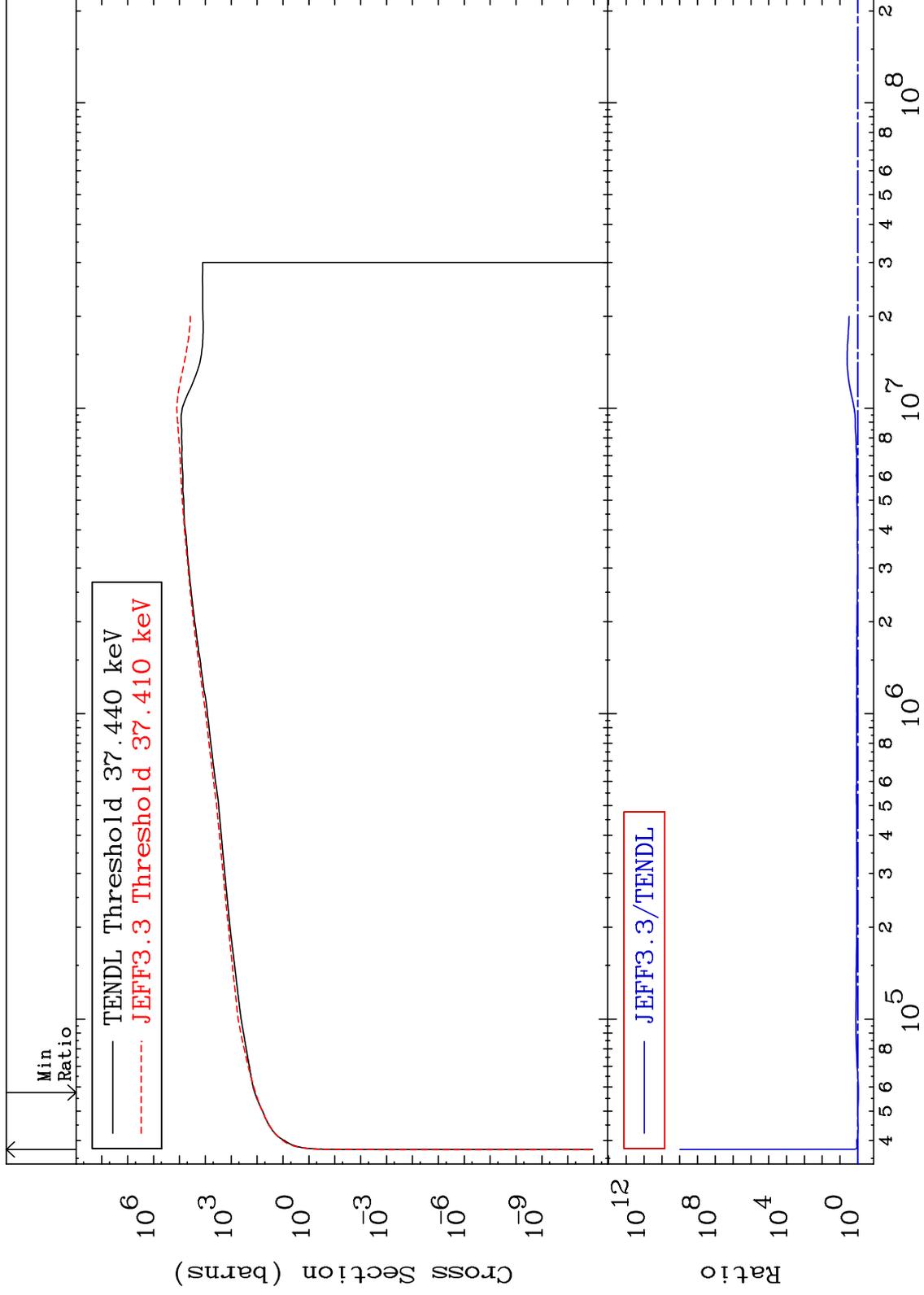
Incident Energy (eV)

51-Sb-121

MAT 5125

Dpa inelastic (mt51-91)
Cross Section

51-Sb-121
-6.552 To 9999. %



MAT 5125

Dpa disappearance (mt102 -120)
Cross Section

51-Sb-121
-96.80 To 9999. %

