

Program Complot
(Version 2018-1)

by

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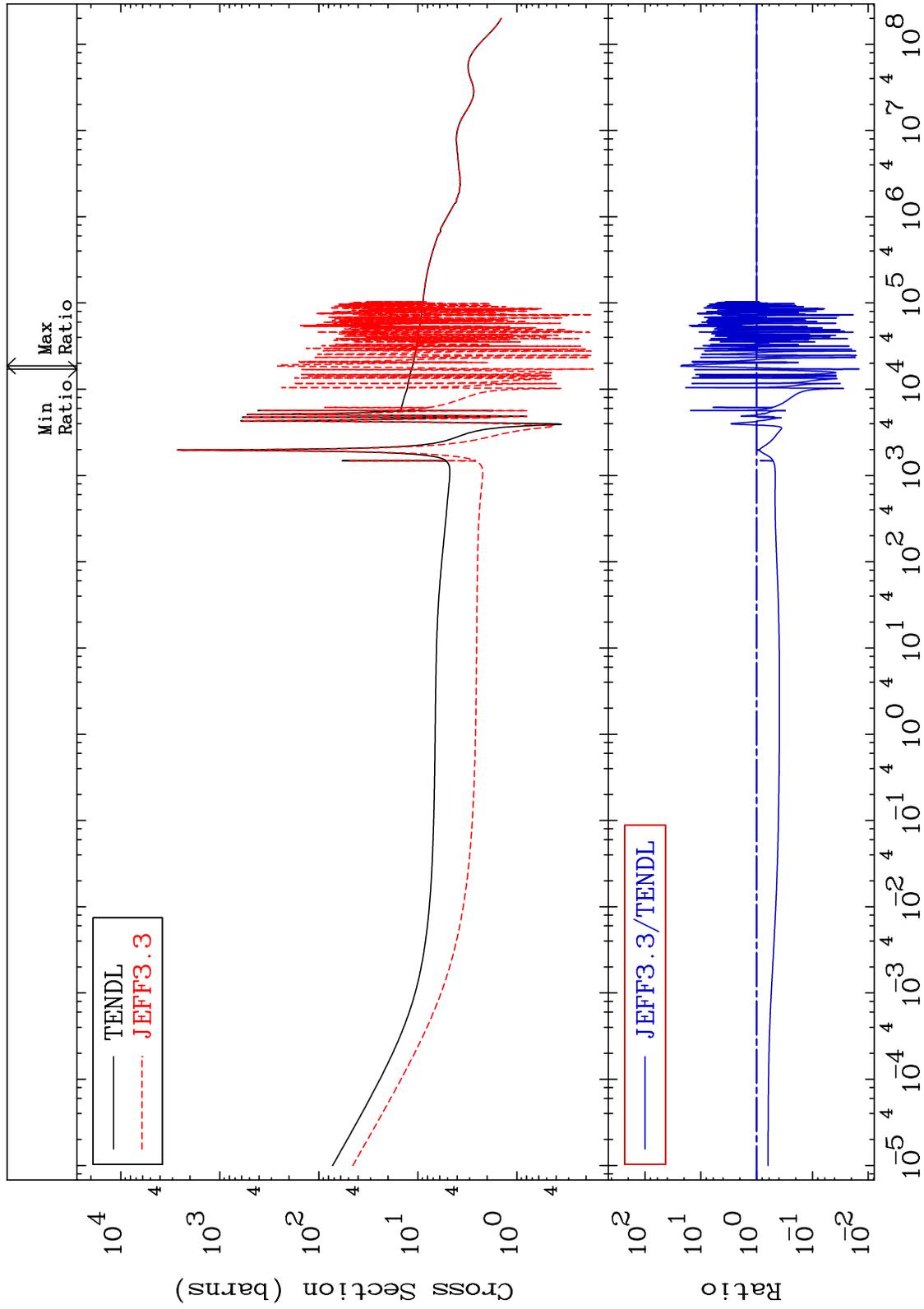
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3443

Total
Cross Section

34-Se-80
-98.54 To 2206. %

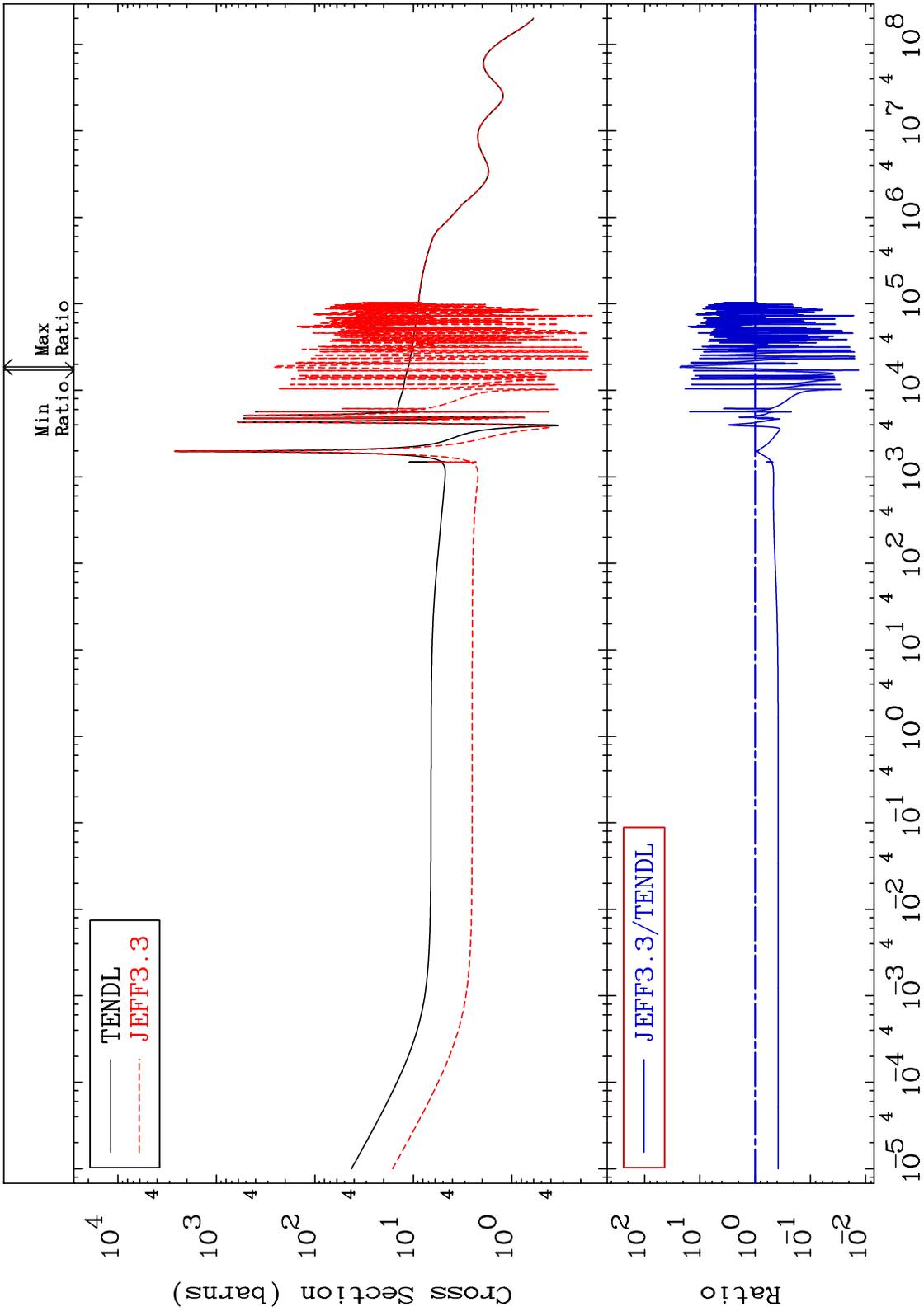


1

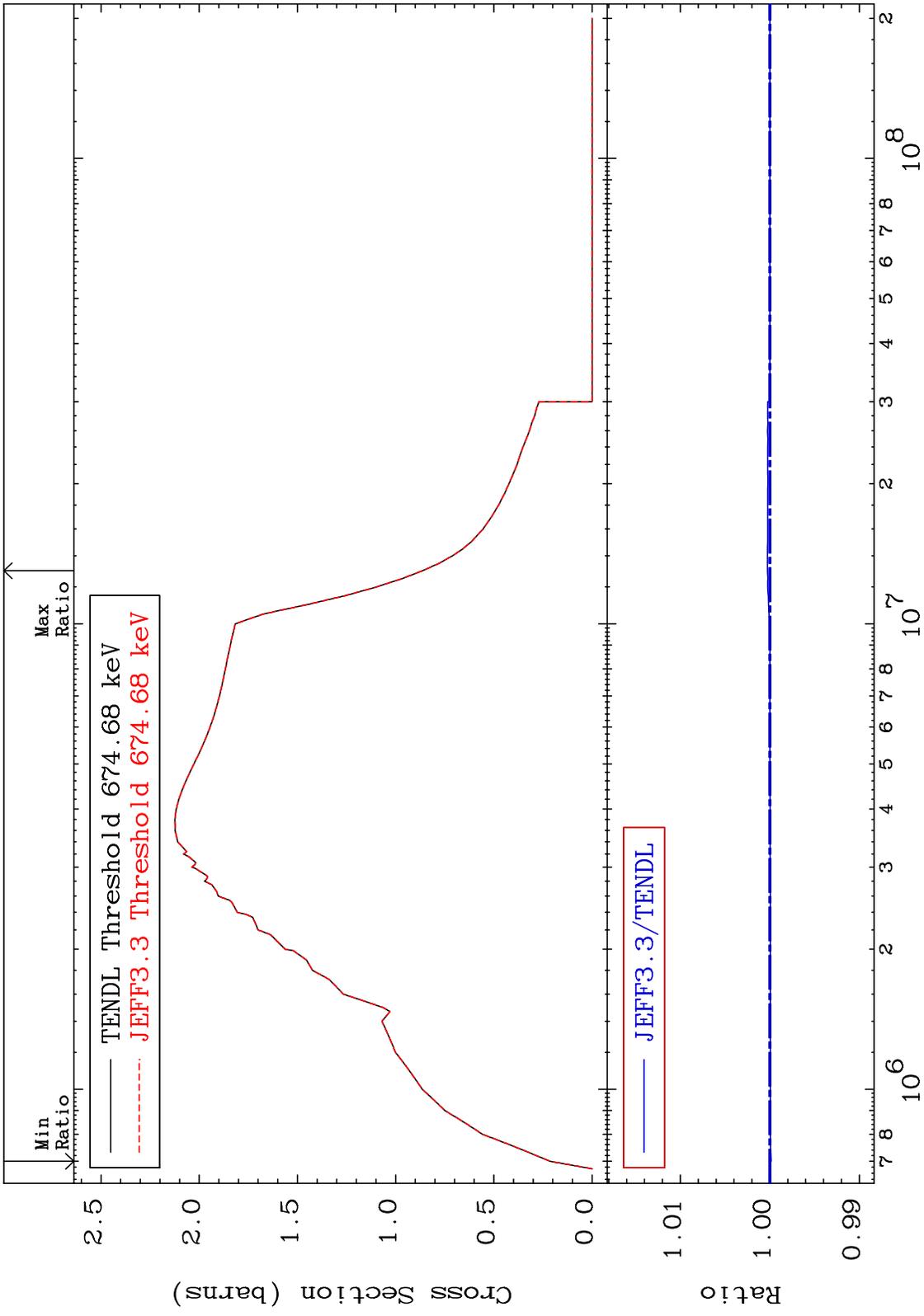
Incident Energy (eV)

34-Se-80

MAT 3443 Elastic Cross Section 34-Se-80 -98.67 To 2217. %

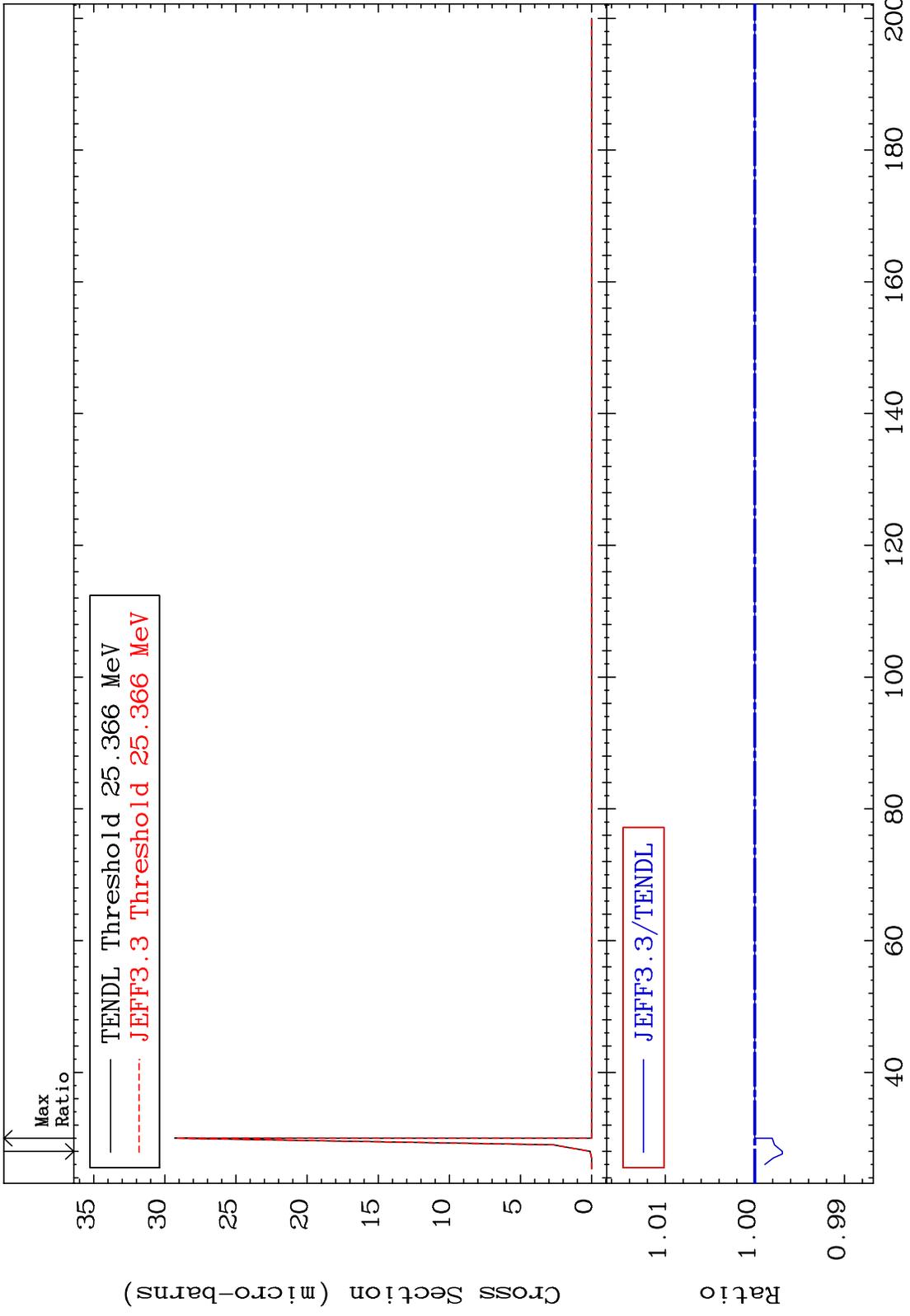


MAT 3443 Inelastic Cross Section 34-Se-80 -0.014 To 0.027 %

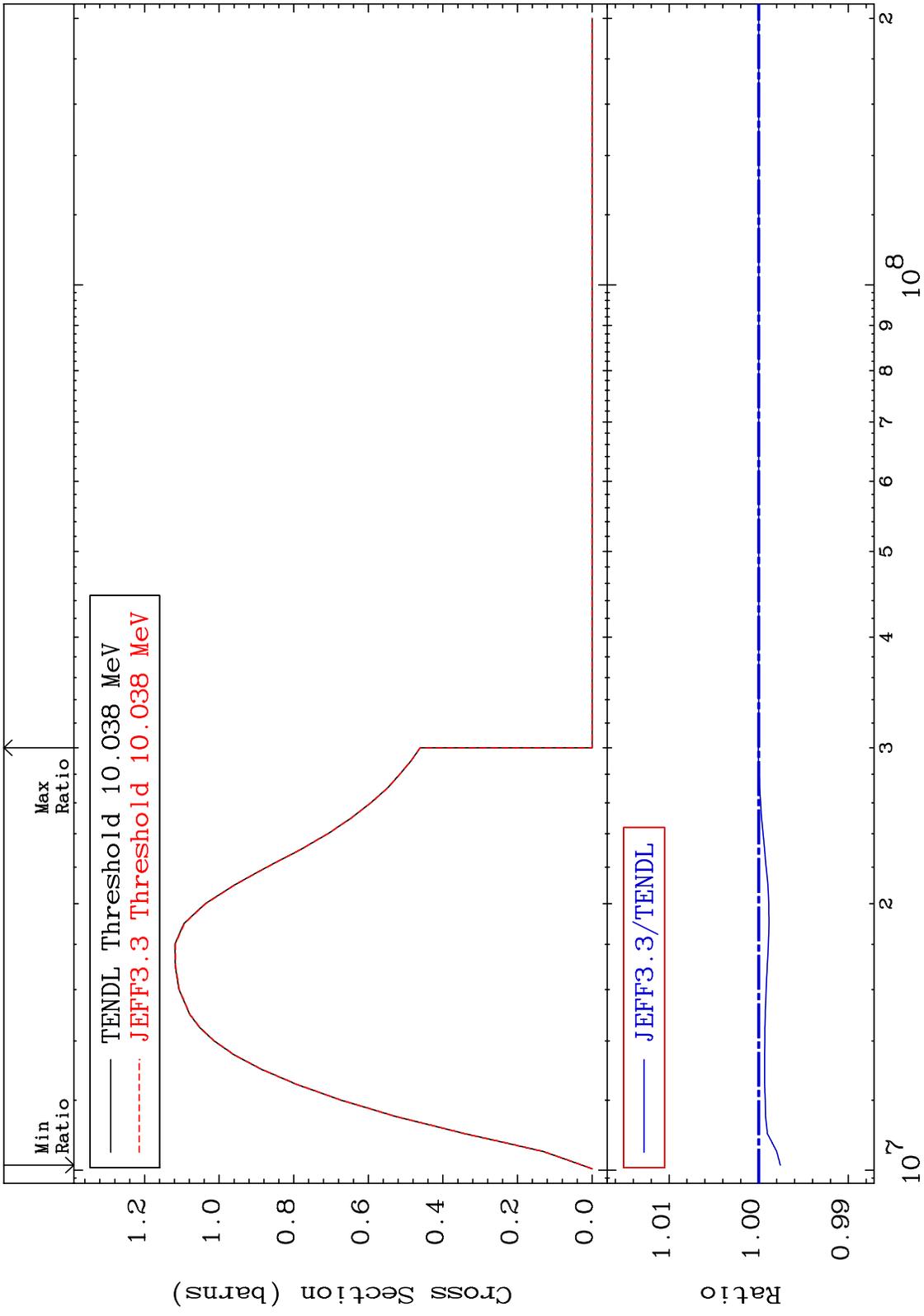


34-Se-80

MAT 3443 (n,2n) d 34-Se-80
Cross Section -0.307 To 0.000 %

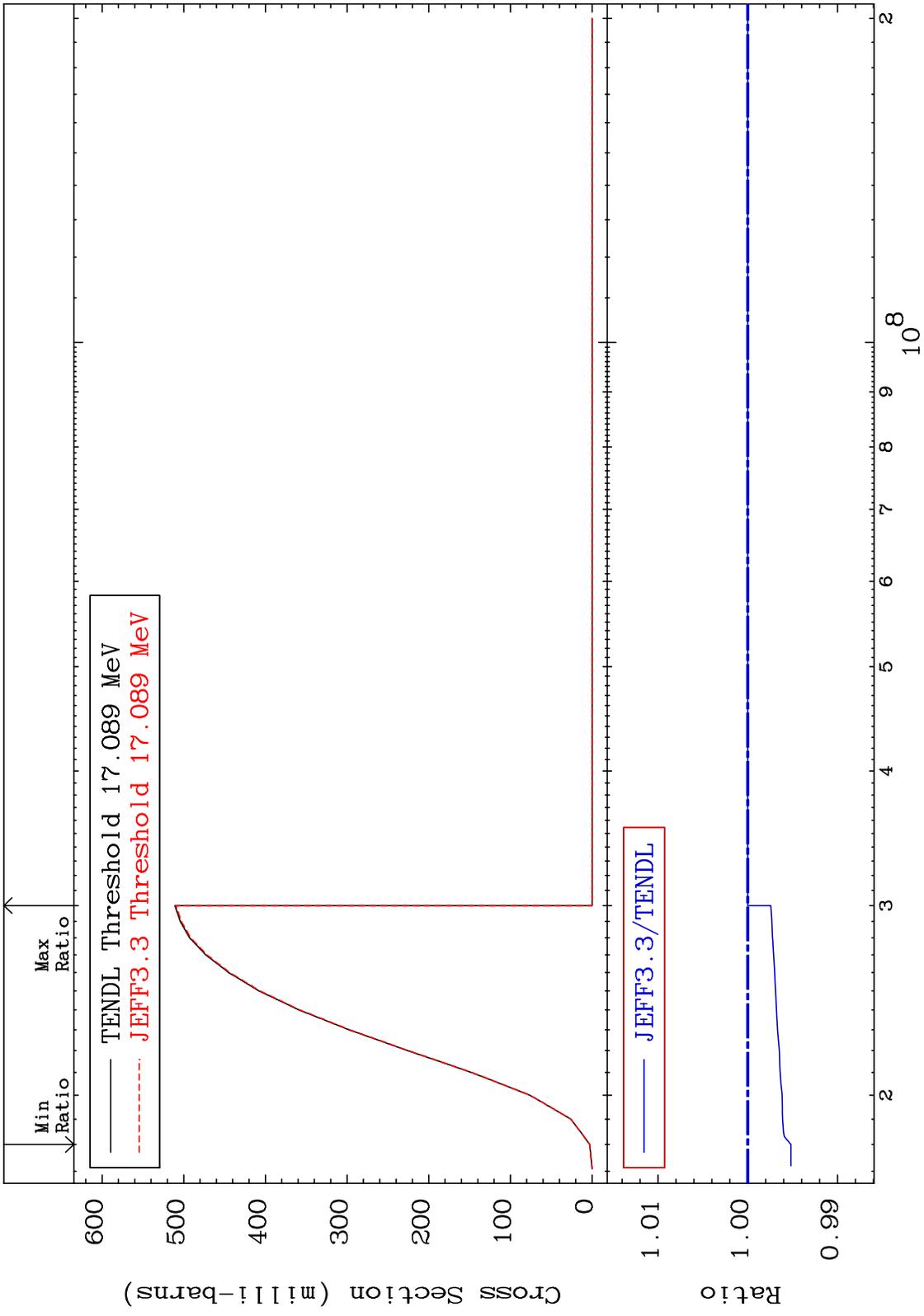


MAT 3443 $(n,2n)$ Cross Section $^{34}\text{Se-80}$ -0.241 To 0.005 %

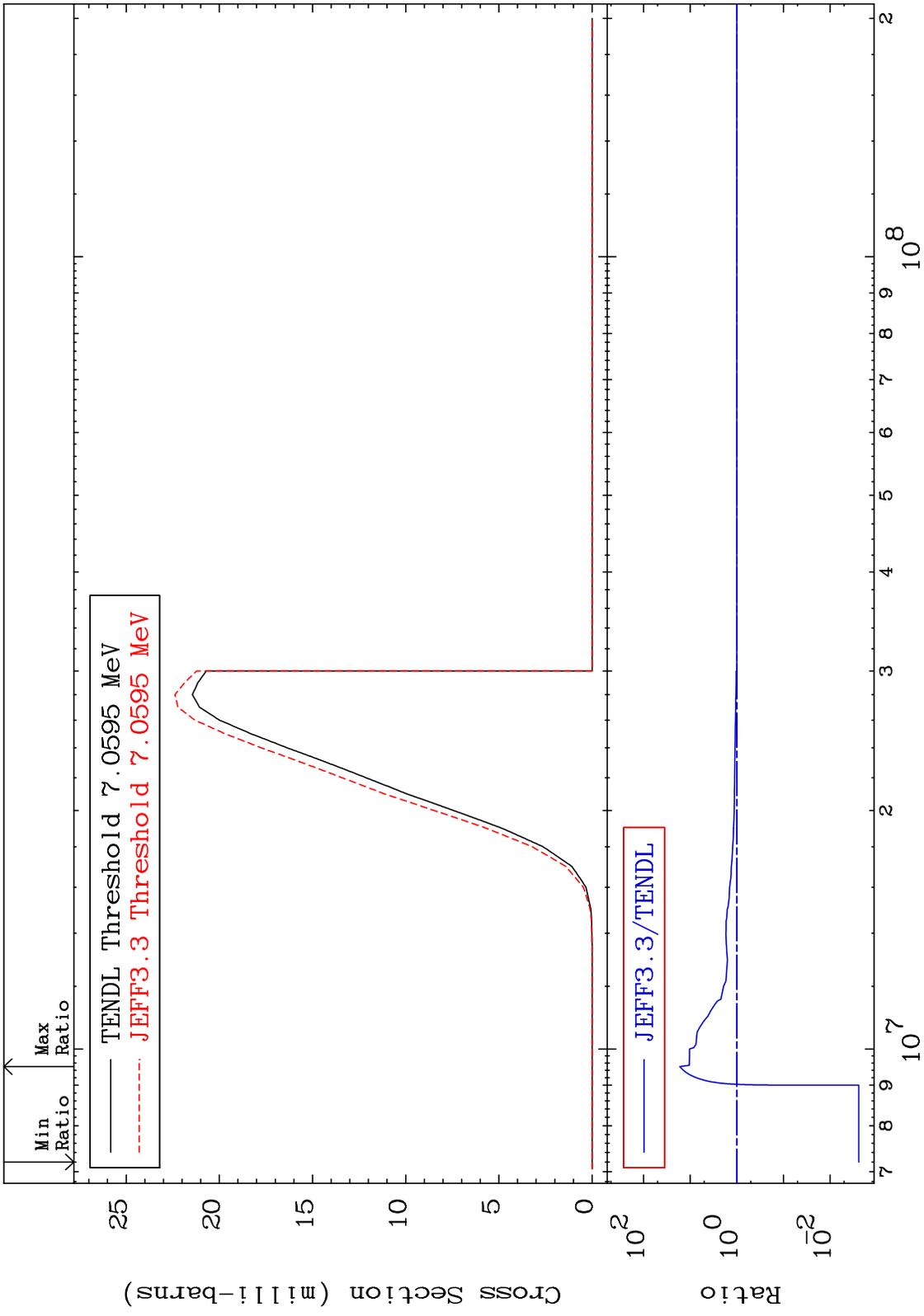


$^{34}\text{Se-80}$

MAT 3443 $(n, 3n)$ Cross Section $^{34}\text{Se-80}$ -0.481 To 0.000 %

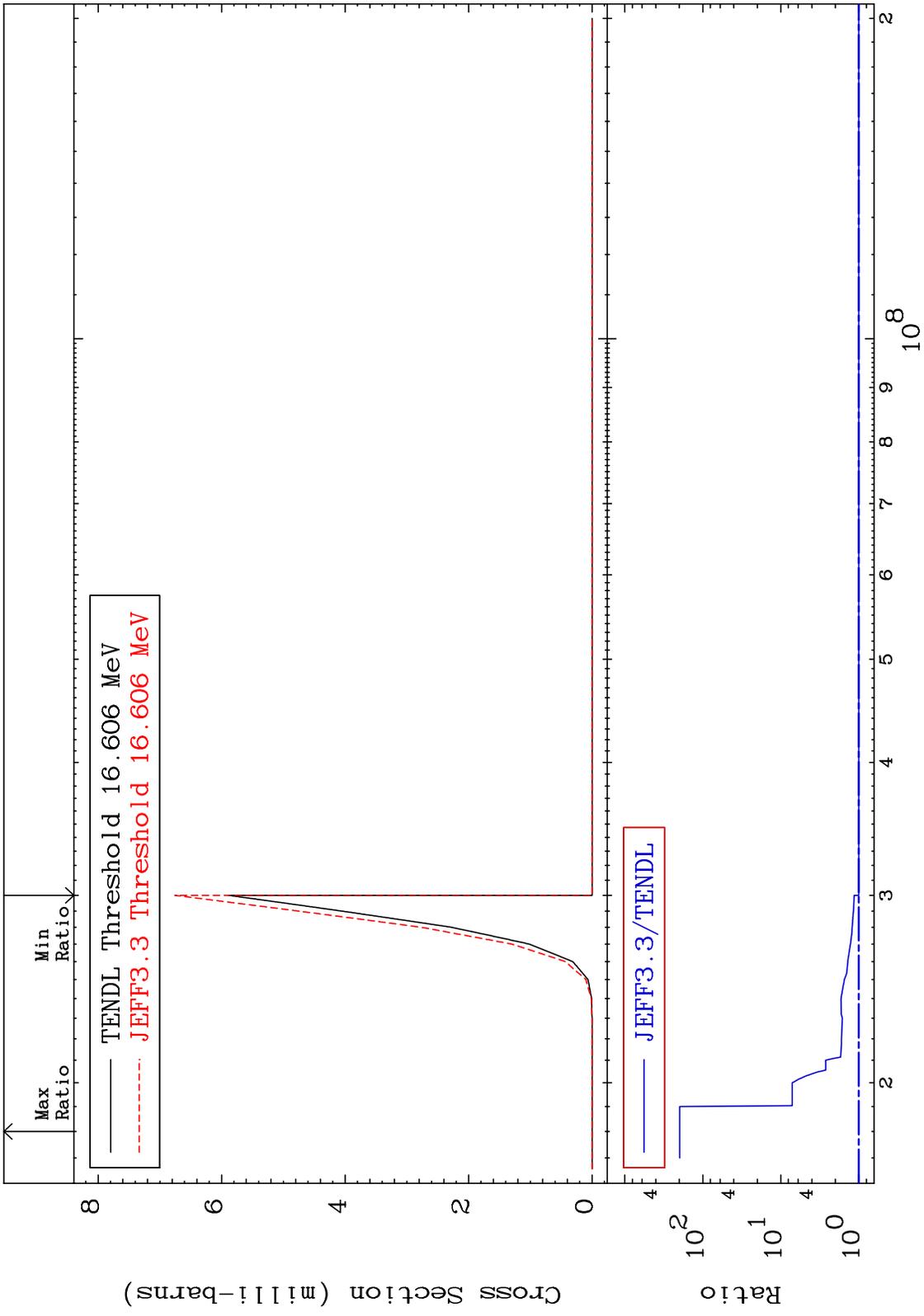


MAT 3443 $(n, n') \alpha$ 34-Se-80
 Cross Section -99.76 To 1570. %

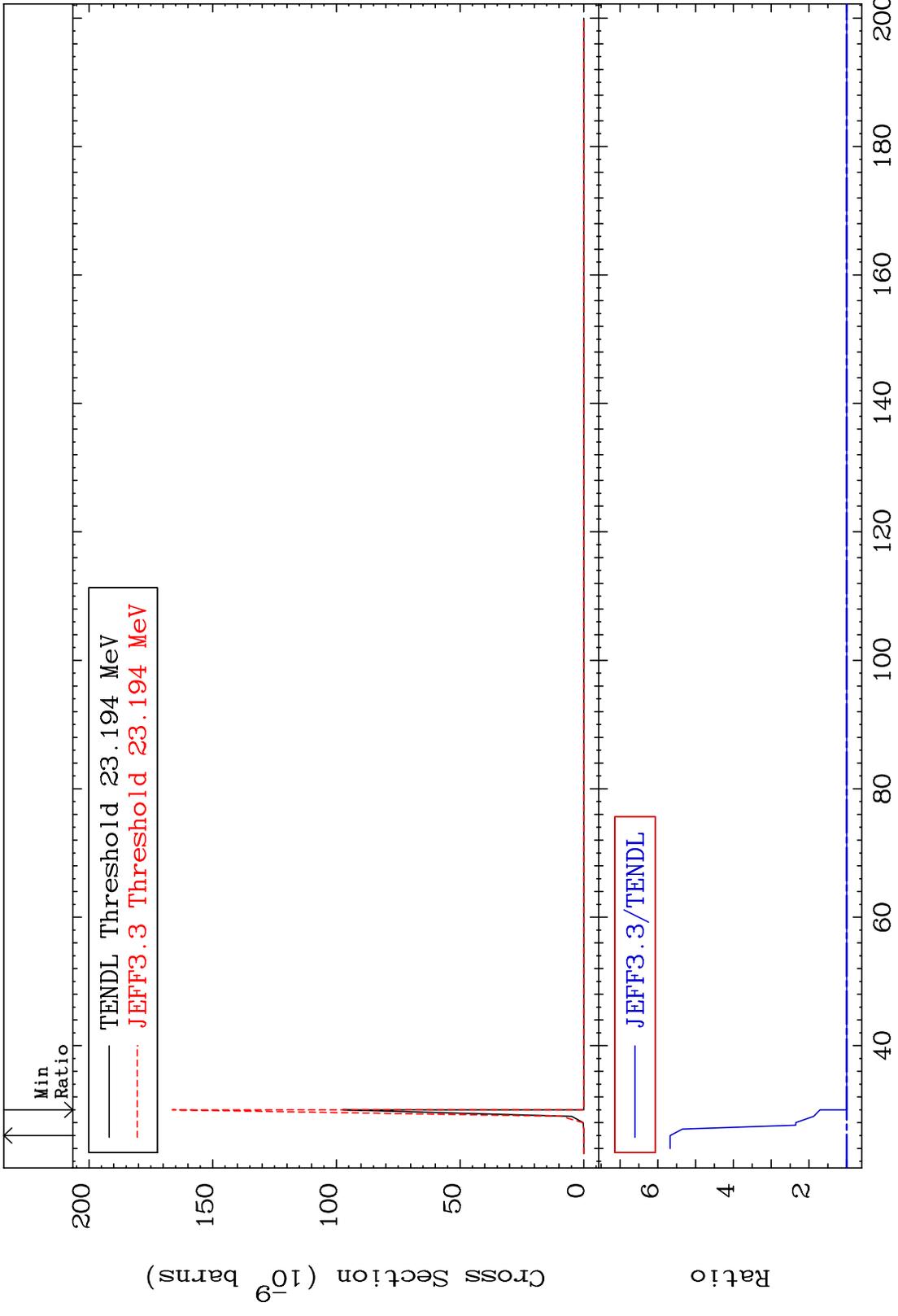


7 Incident Energy (eV) 34-Se-80

MAT 3443 $(n, 2n) \alpha$ $^{34}\text{Se-80}$
 Cross Section 0.000 To 9999. %



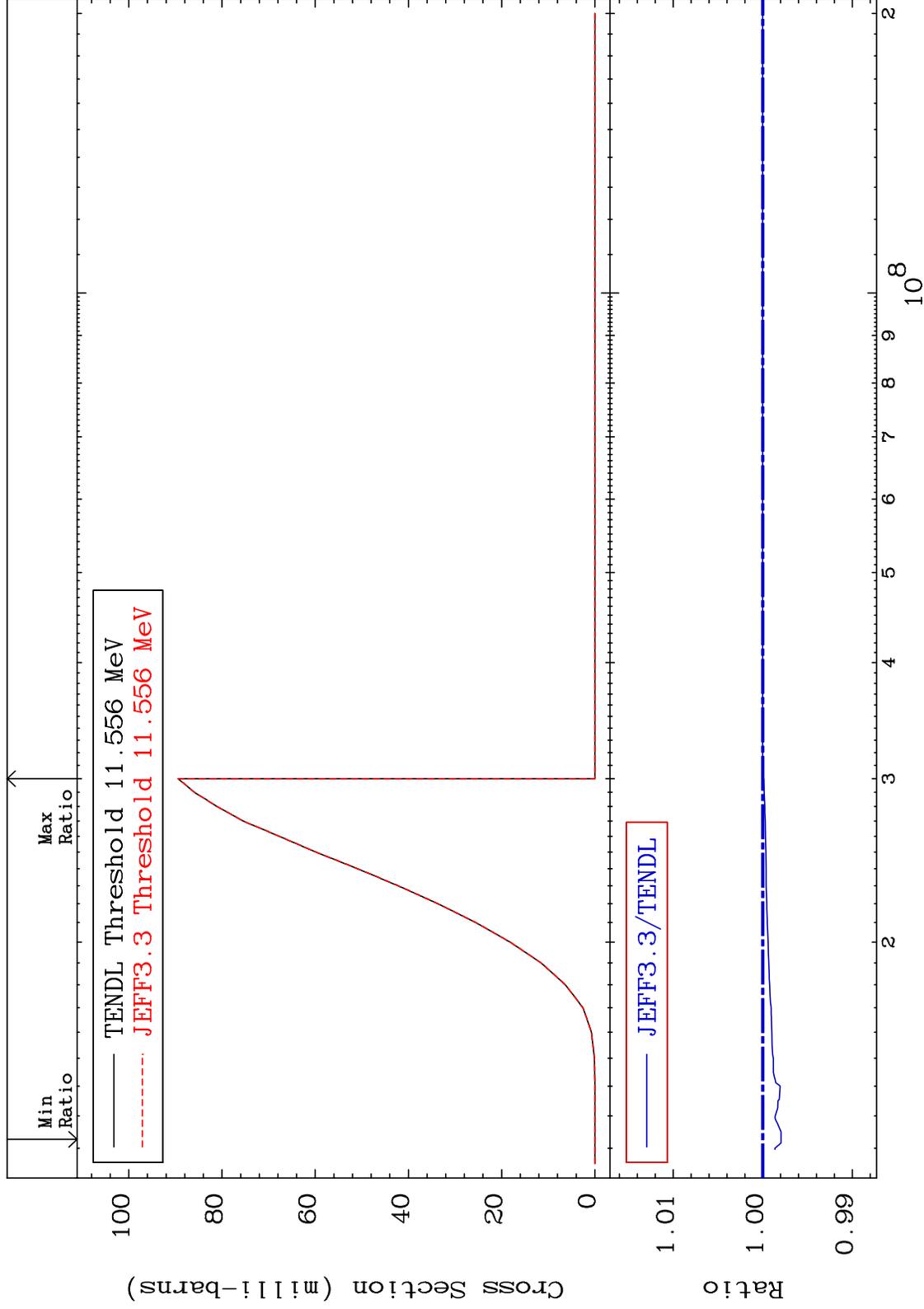
MAT 3443 $(n, 3n) \alpha$ $^{34}\text{Se-80}$
Cross Section To 467.1 %



MAT 3443

(n, n') p
Cross Section

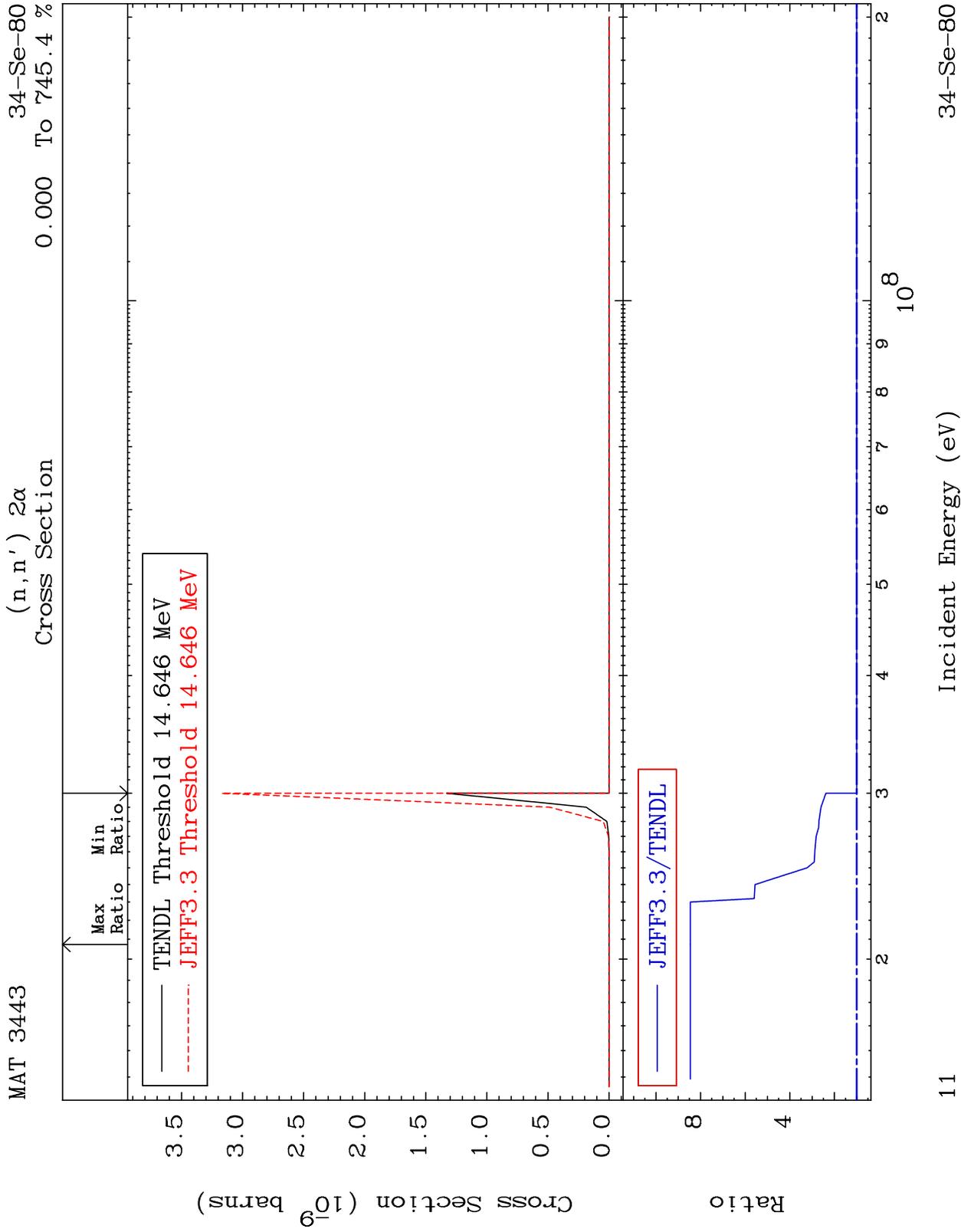
34-Se-80
-0.204 To 0.000 %



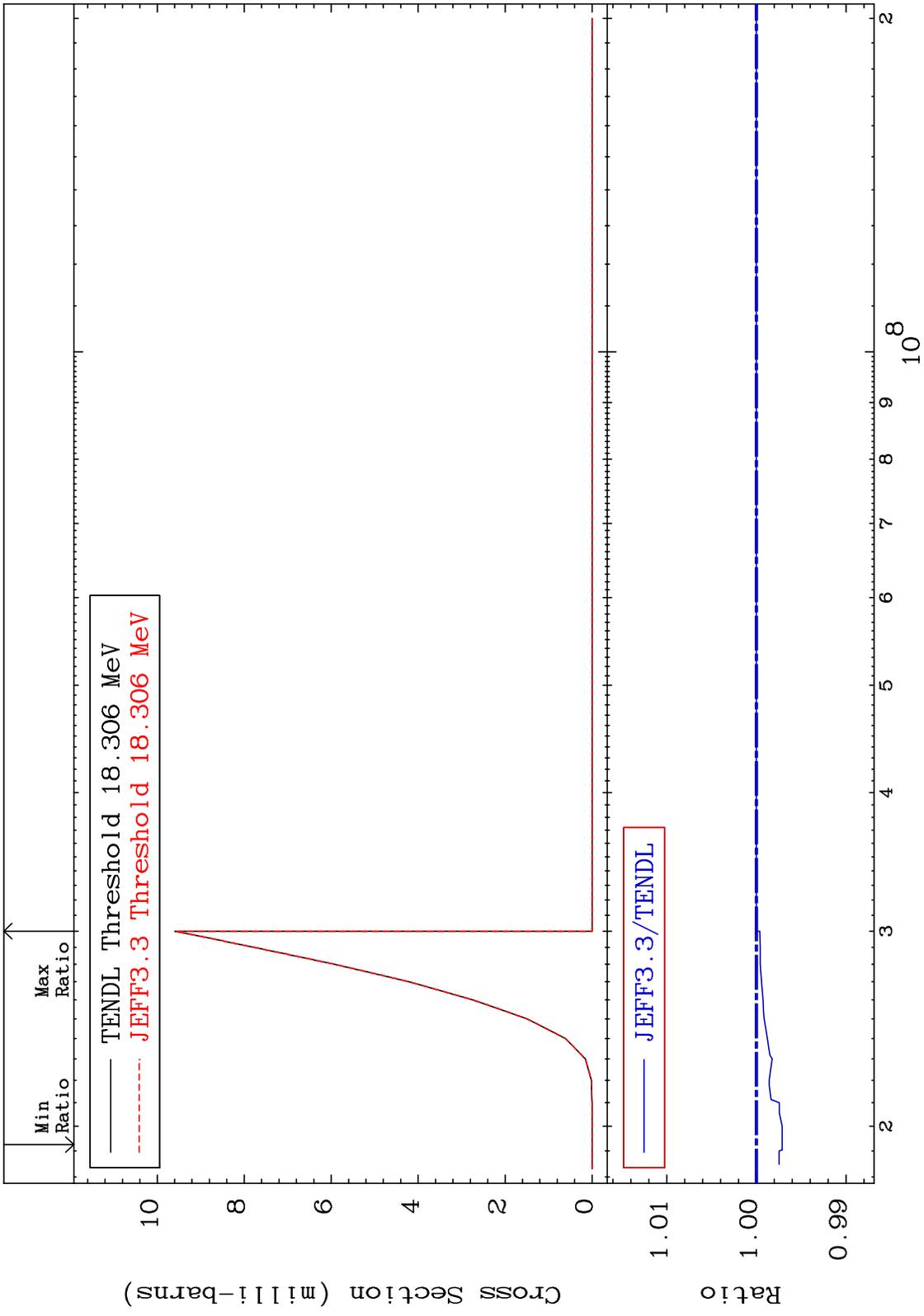
10

Incident Energy (eV)

34-Se-80



MAT 3443 (n,n') d 34-Se-80
 Cross Section -0.287 To 0.000 %



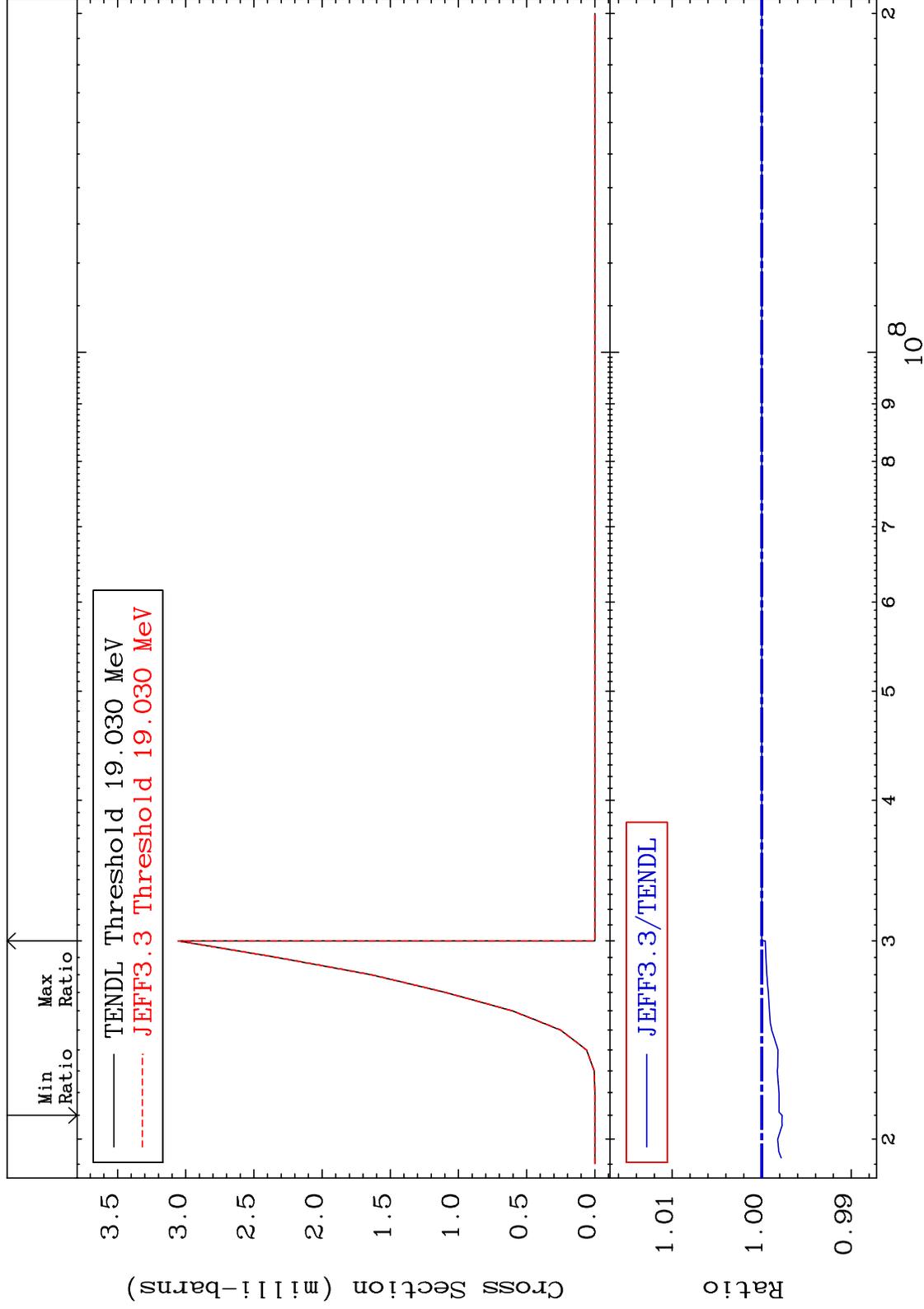
MAT 3443

(n,n') t

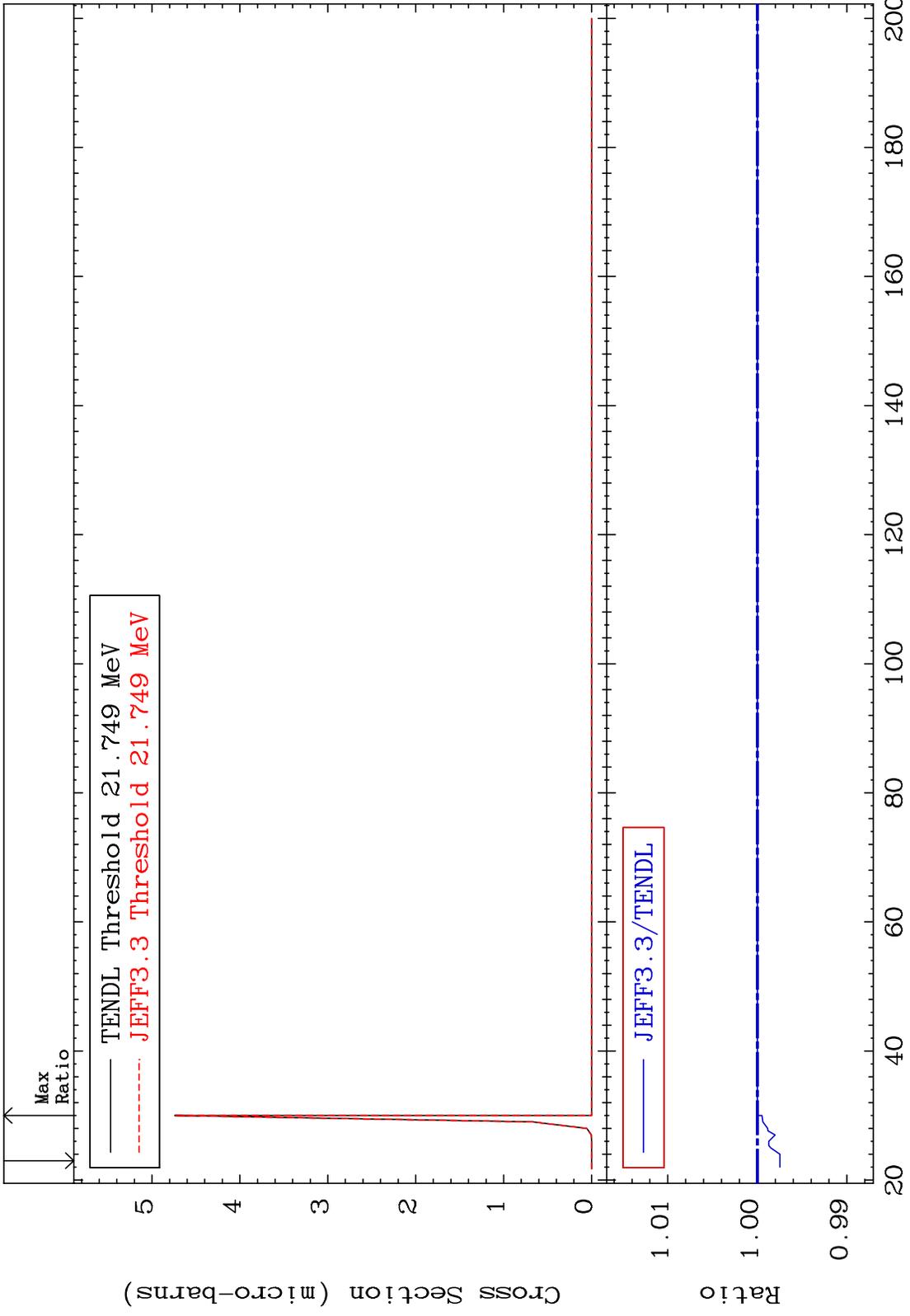
34-Se-80

Cross Section

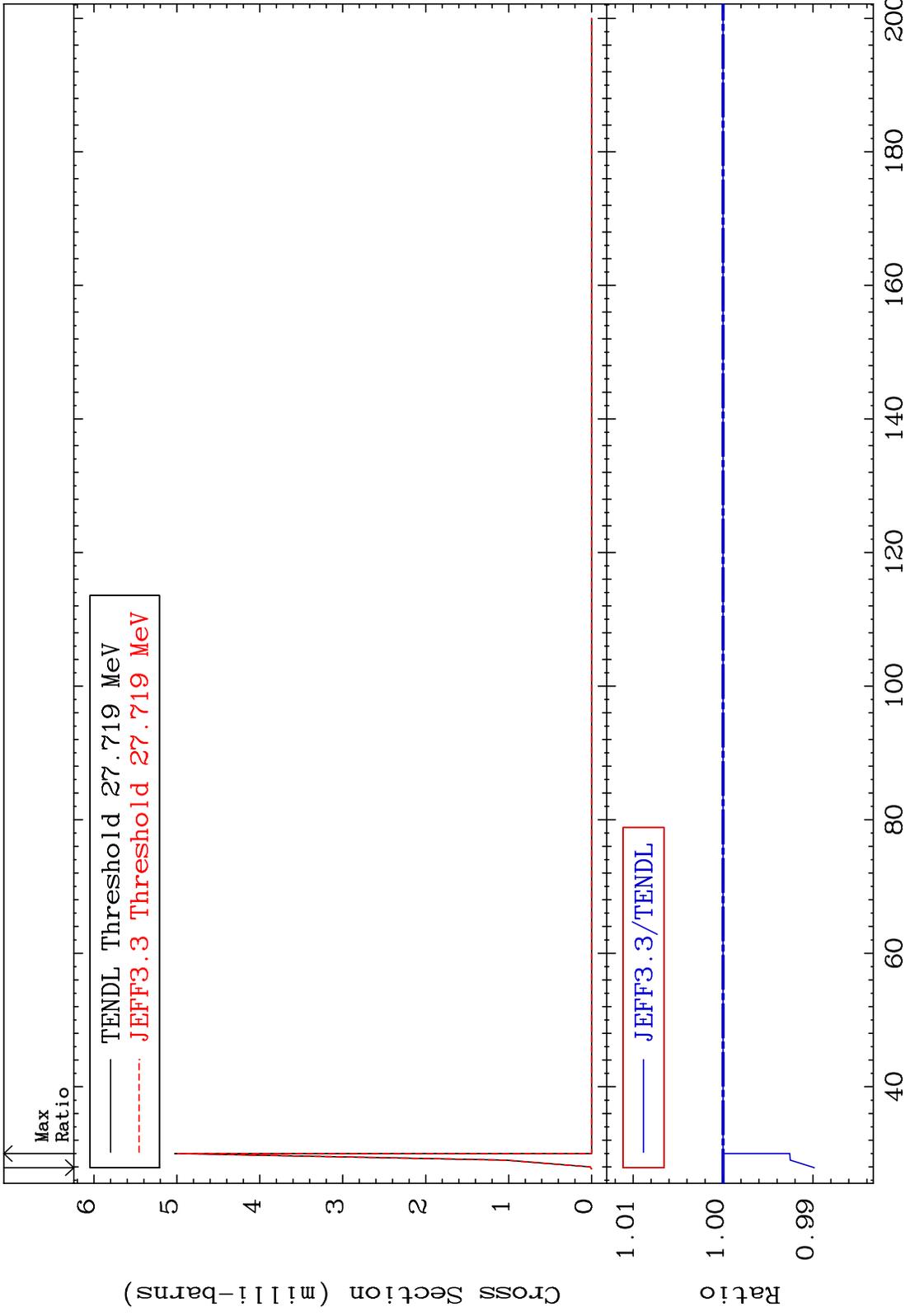
-0.226 To 0.000 %



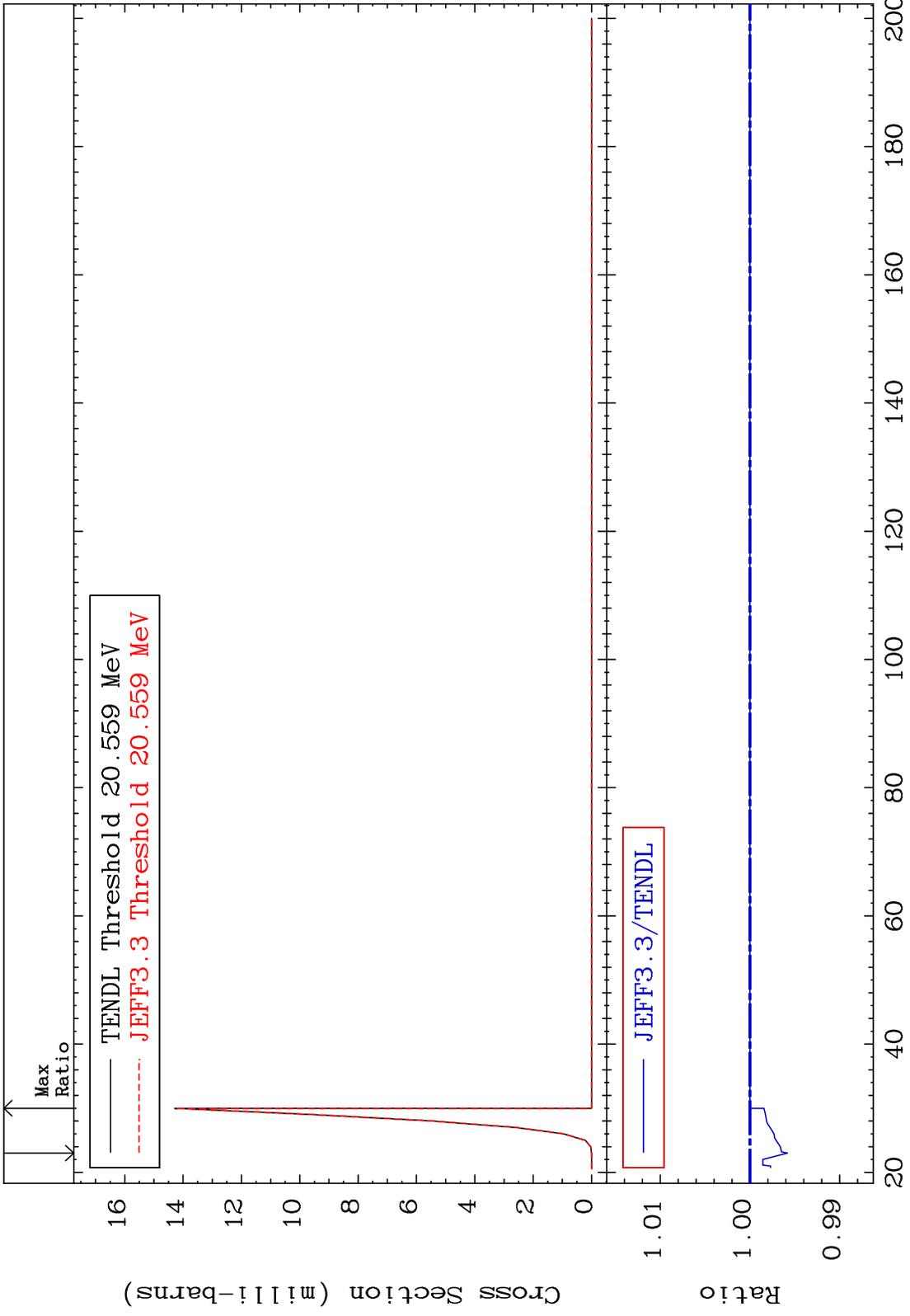
MAT 3443 (n, n') He-3 34-Se-80
 Cross Section -0.251 To 0.000 %



MAT 3443 (n,4n) Cross Section 34-Se-80 -1.014 To 0.000 %

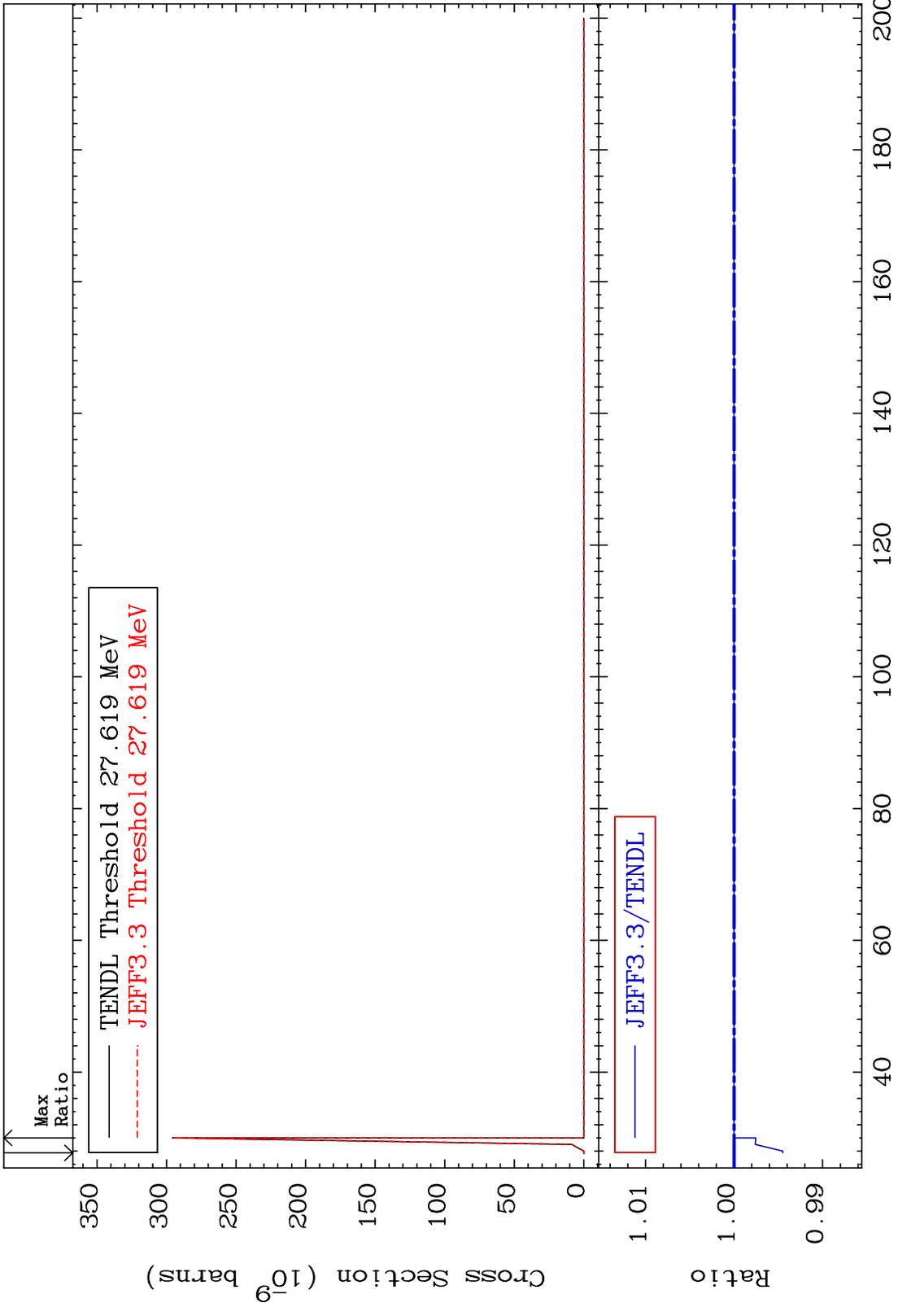


MAT 3443 (n,2n) p 34-Se-80
Cross Section -0.416 To 0.000 %

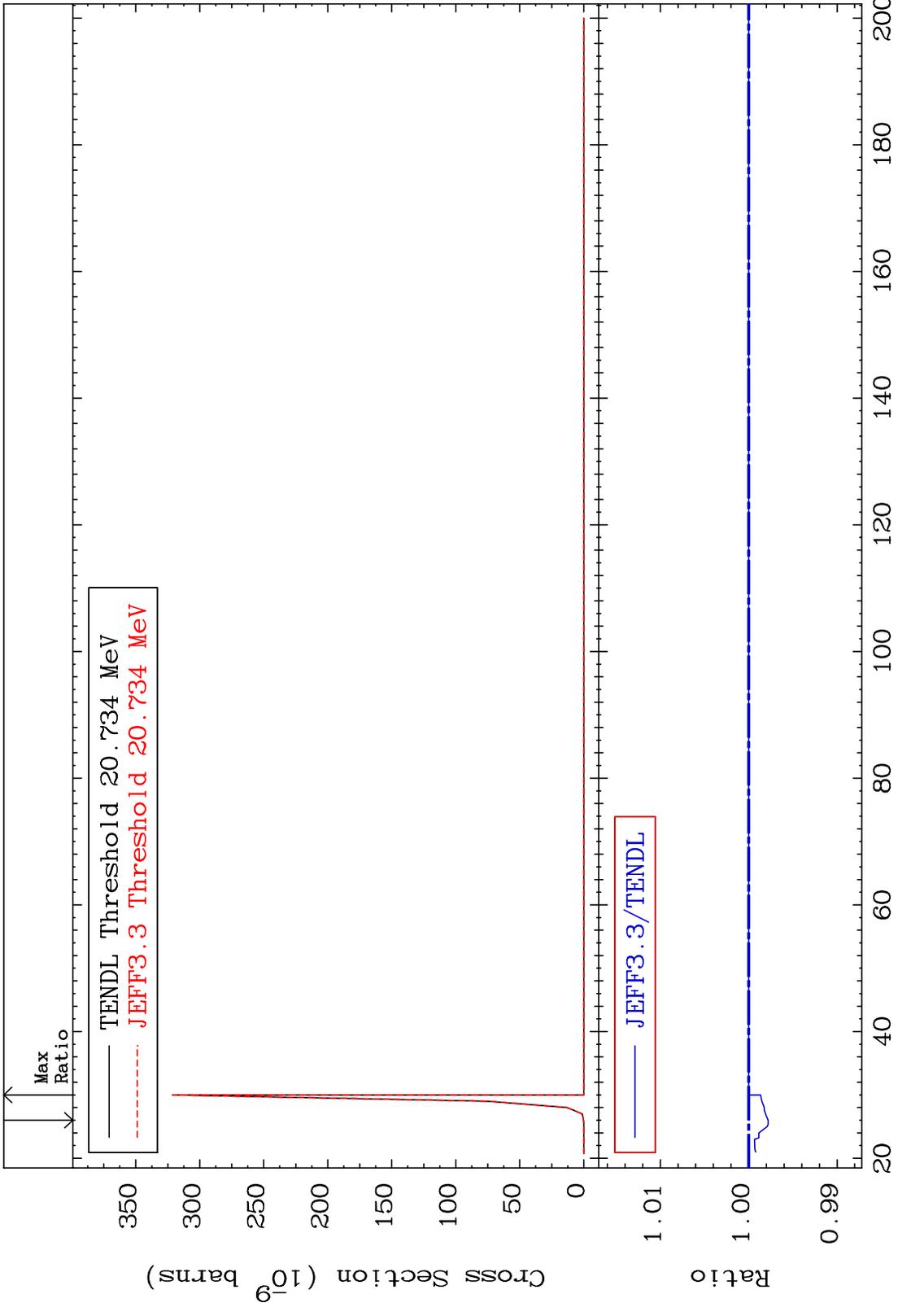


16 34-Se-80

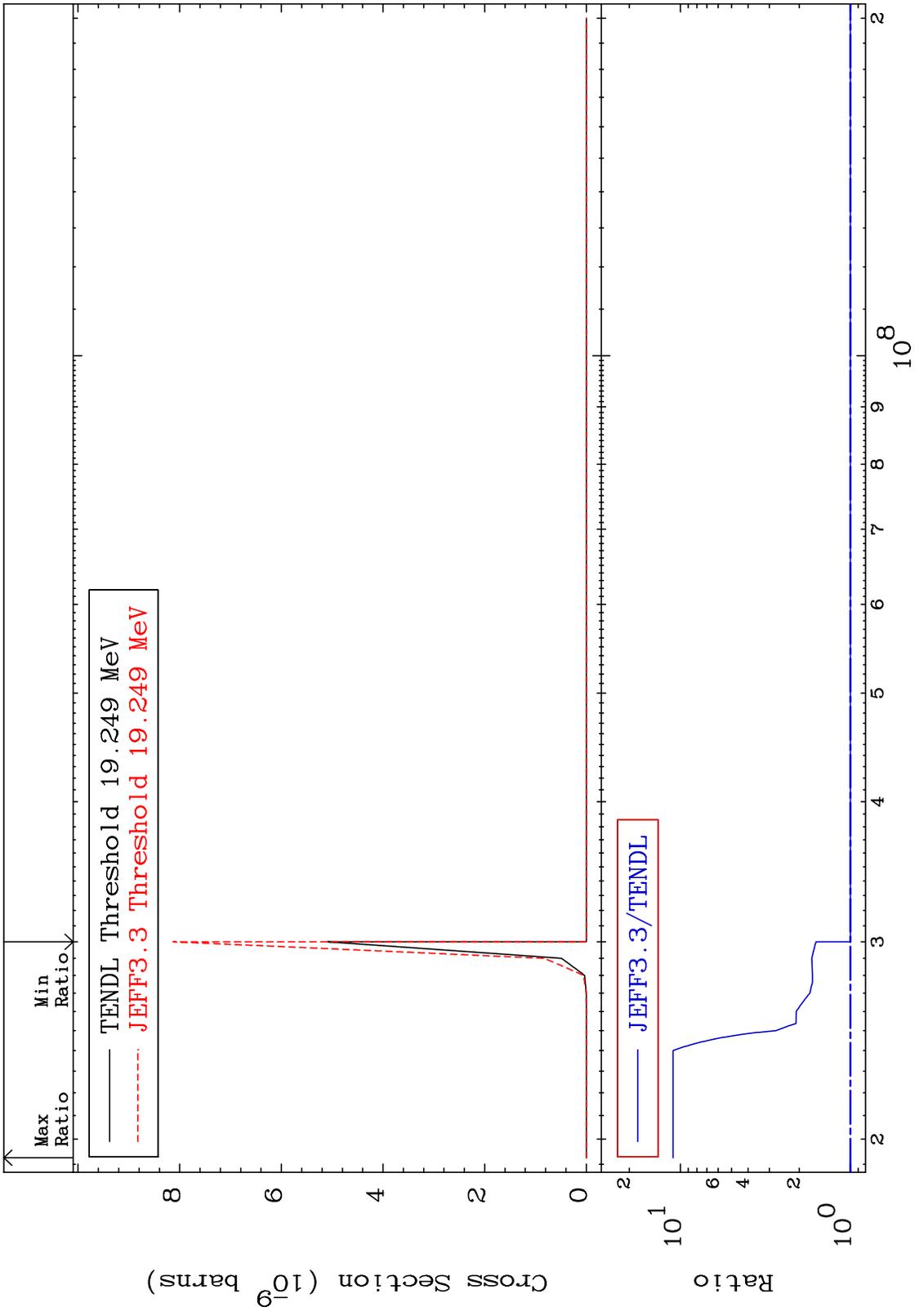
MAT 3443 (n,3n) p 34-Se-80
Cross Section -0.550 To 0.000 %



MAT 3443 (n,2n) p 34-Se-80
 Cross Section -0.221 To 0.000 %



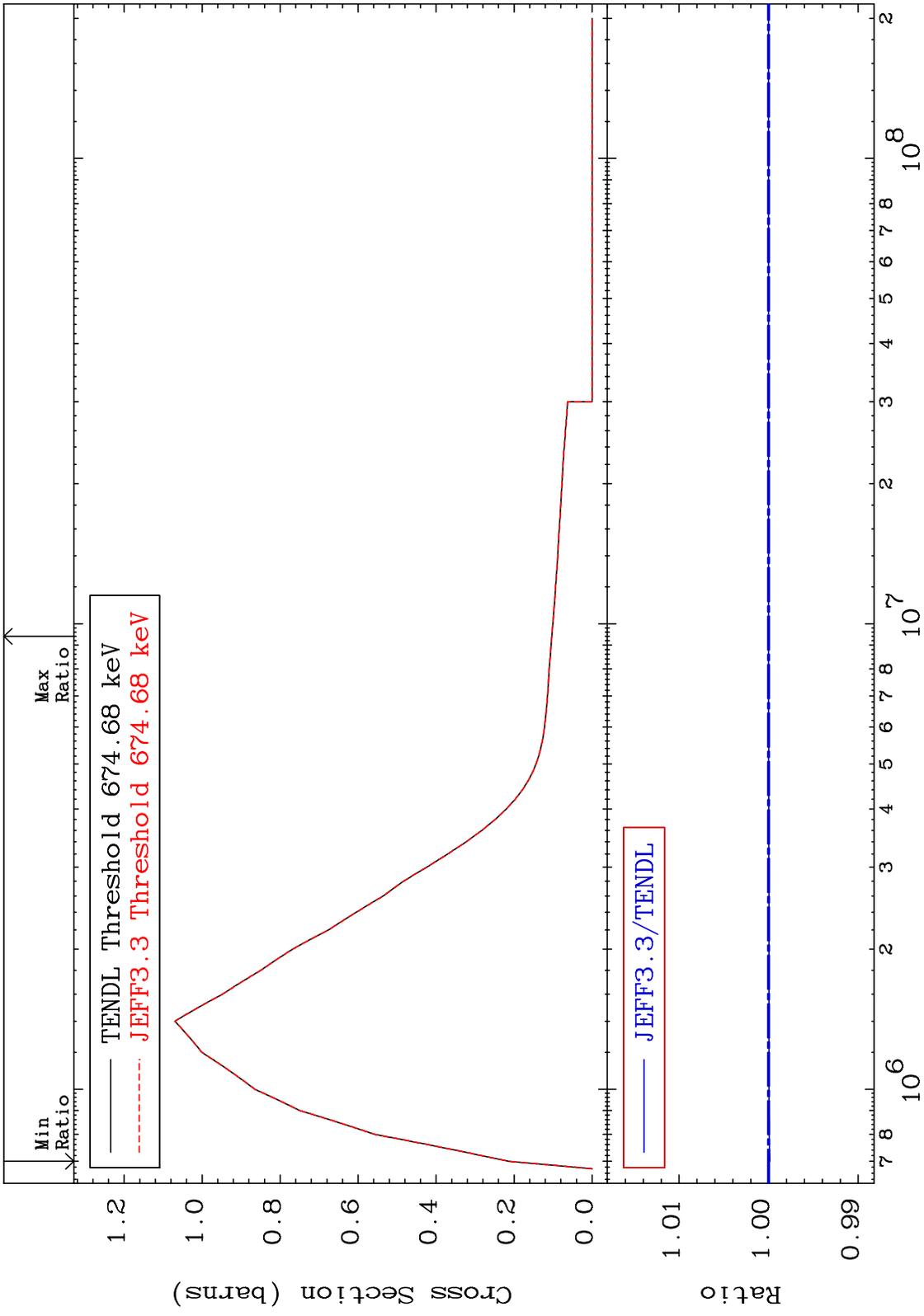
MAT 3443 (n,n') p α 34-Se-80
Cross Section To 1005. %



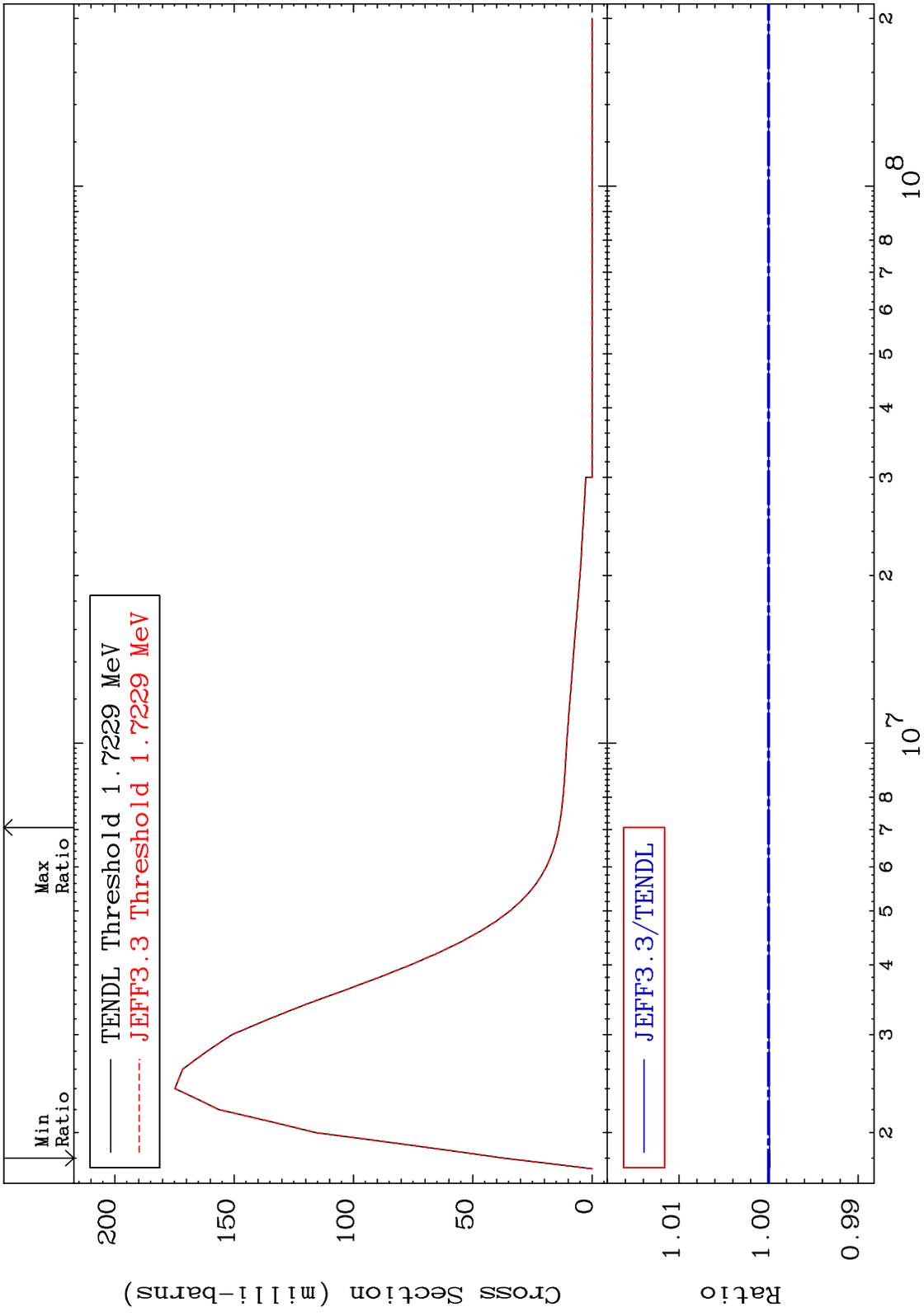
34-Se-80

Incident Energy (eV)

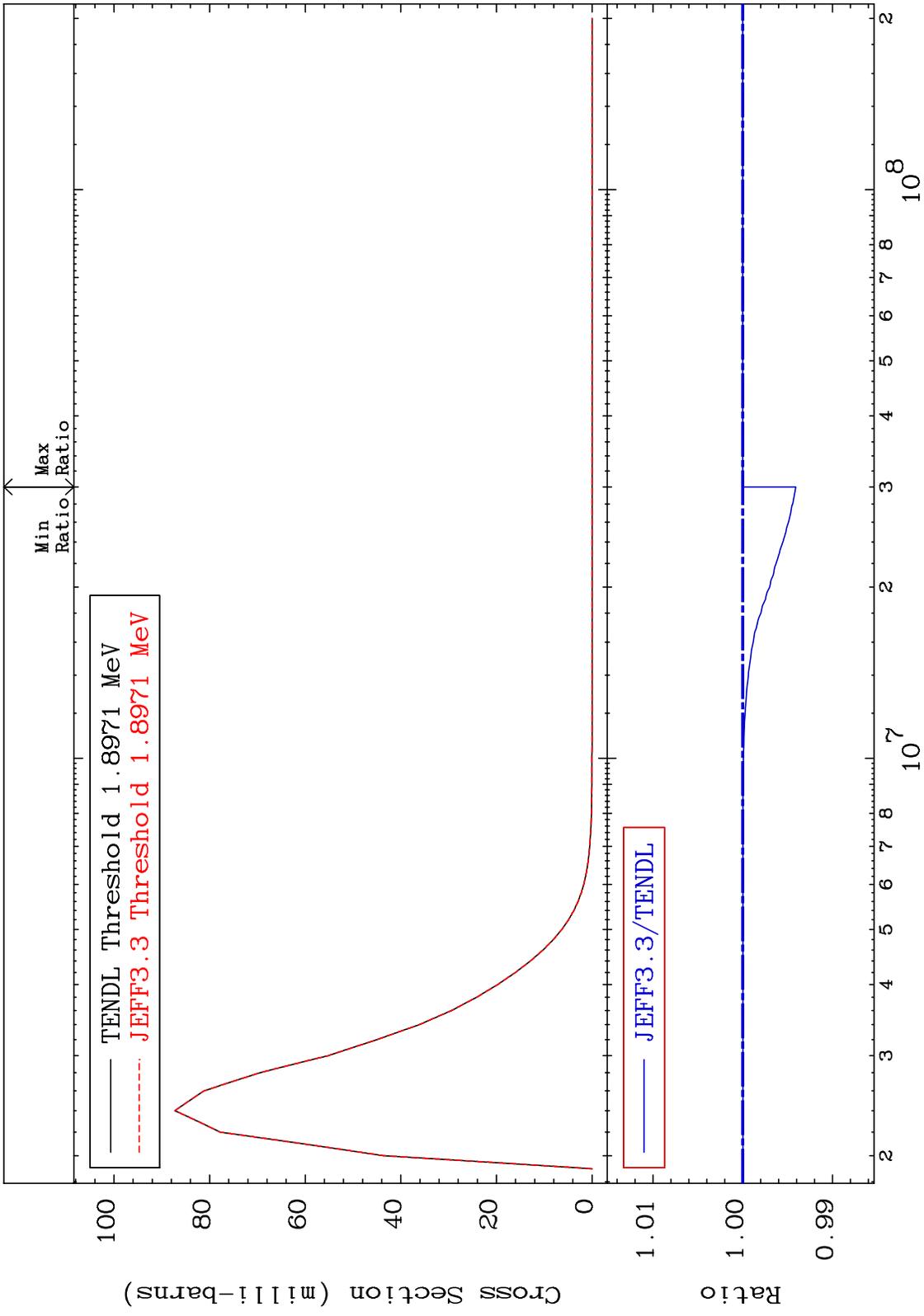
MAT 3443 MT= 51 (n,n') Level Cross Section -0.014 To 0.000 % 34-Se-80



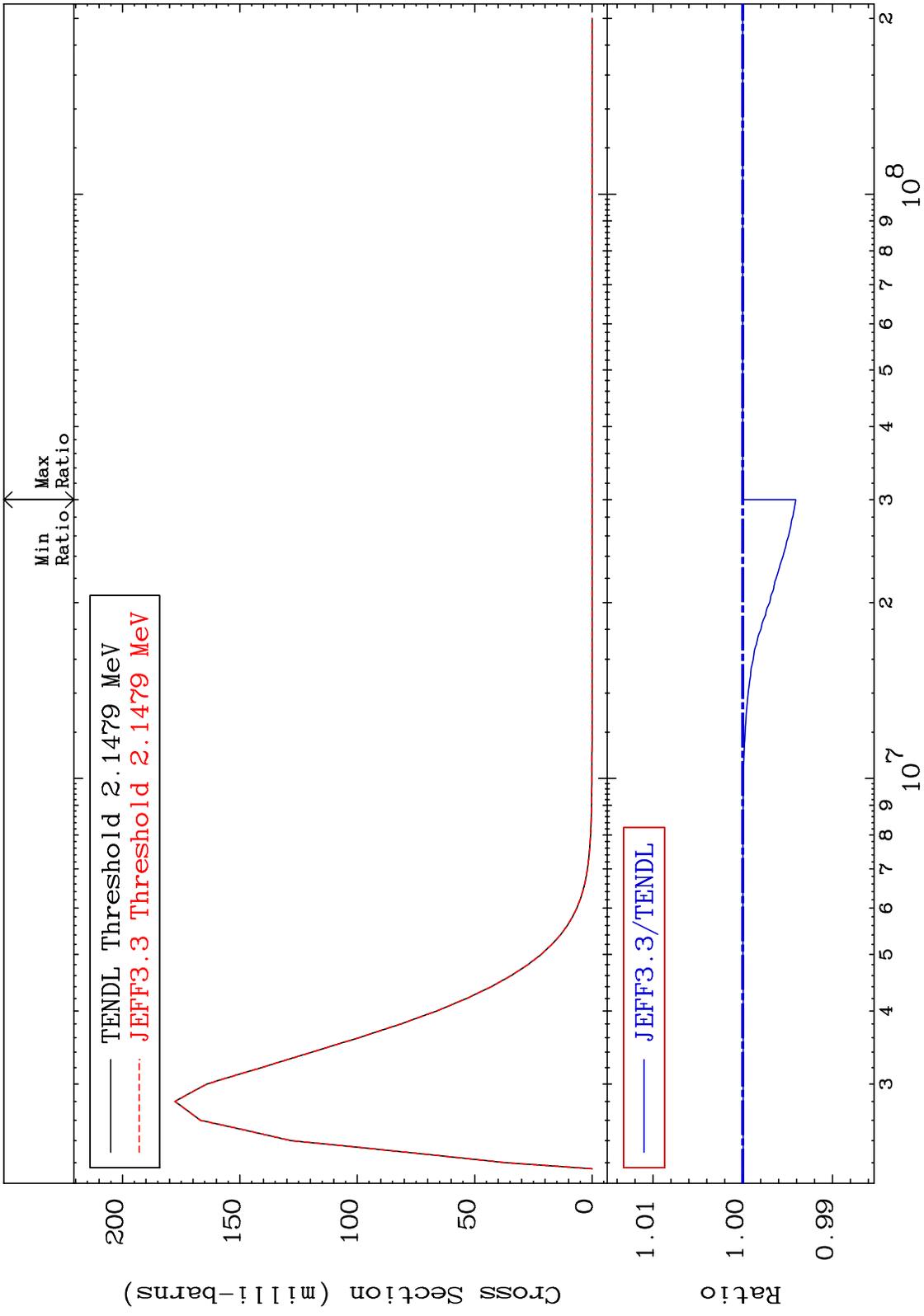
MAT 3443 MT= 54 (n,n') Level Cross Section 34-Se-80 -0.015 To 0.000 %



MAT 3443 MT= 55 (n,n') Level Cross Section 34-Se-80
 -0.591 To 0.000 %

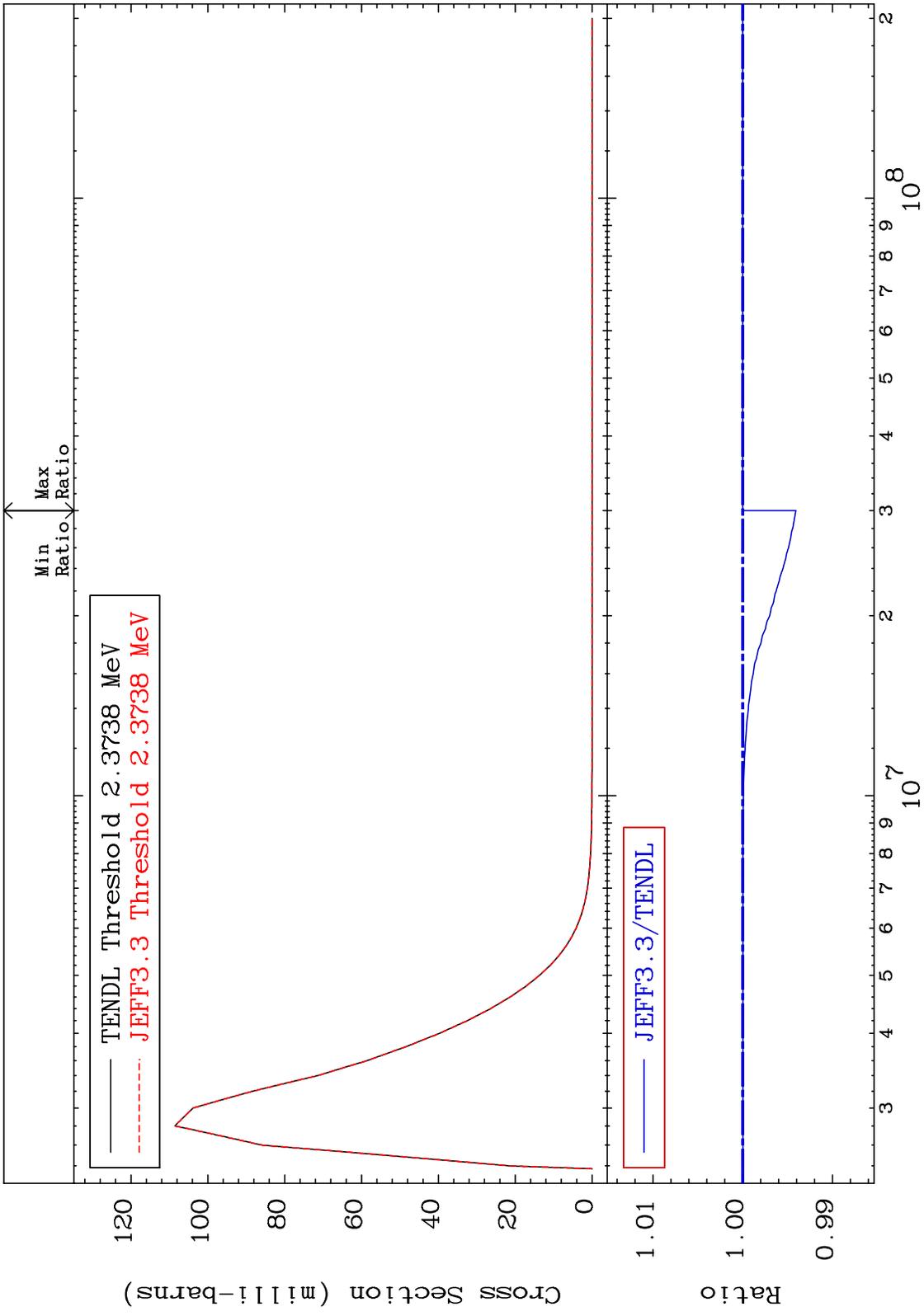


MAT 3443 MT= 57 (n,n') Level Cross Section 34-Se-80 -0.590 To 0.000 %

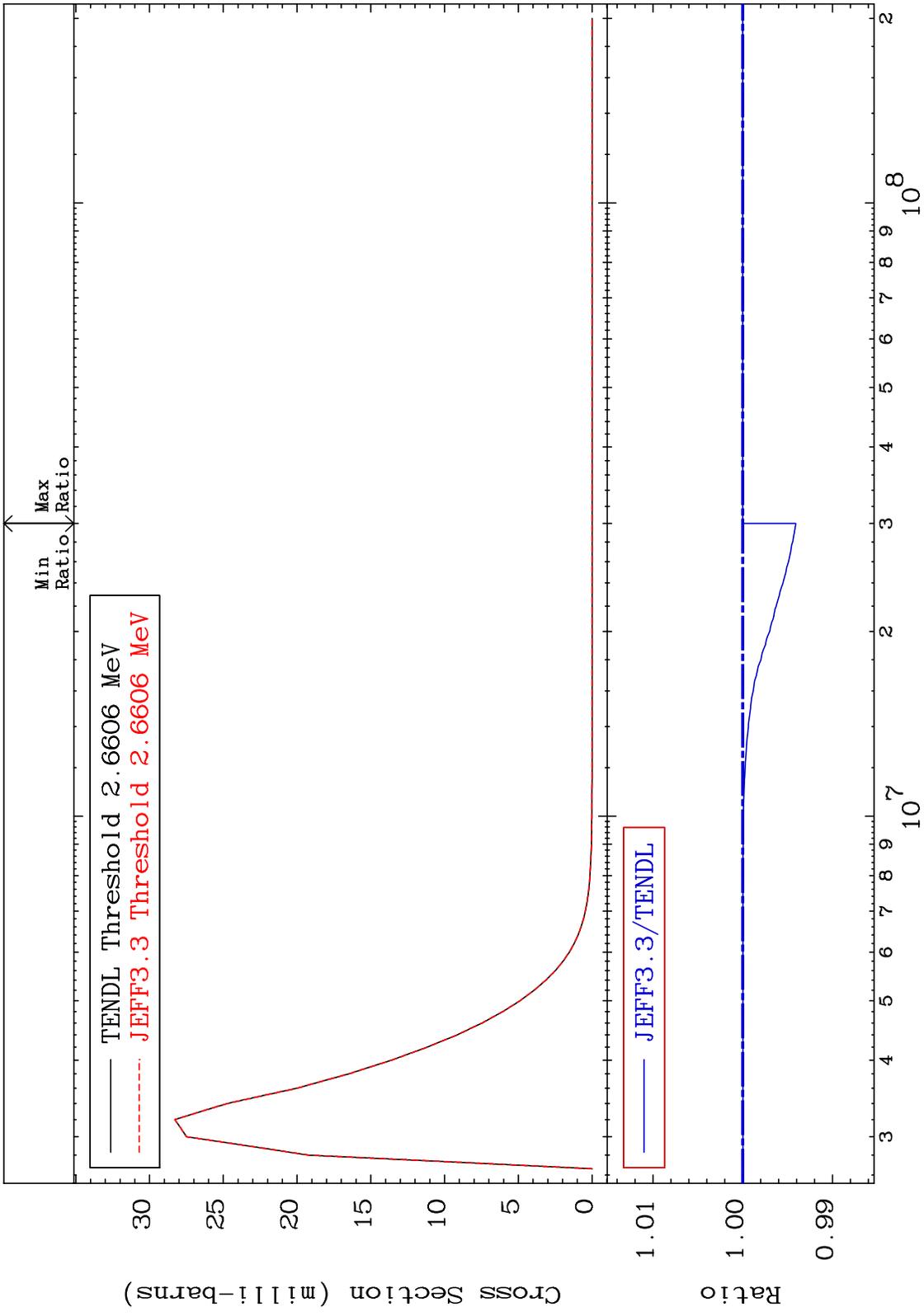


23 34-Se-80 Incident Energy (eV)

MAT 3443 MT= 59 (n,n') Level Cross Section 34-Se-80 -0.591 To 0.000 %

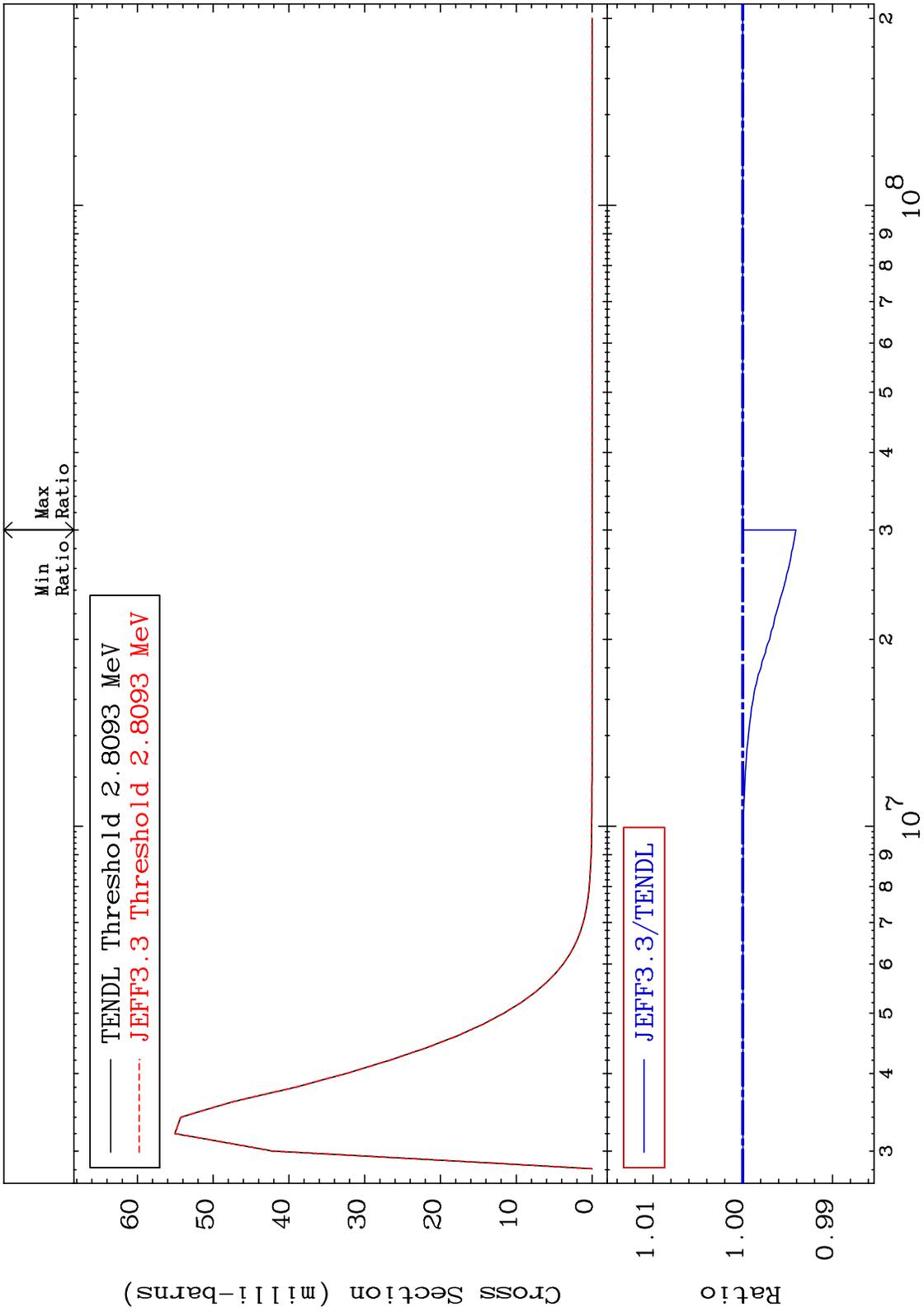


MAT 3443 MT= 62 (n,n') Level Cross Section -0.591 To 0.000 % 34-Se-80

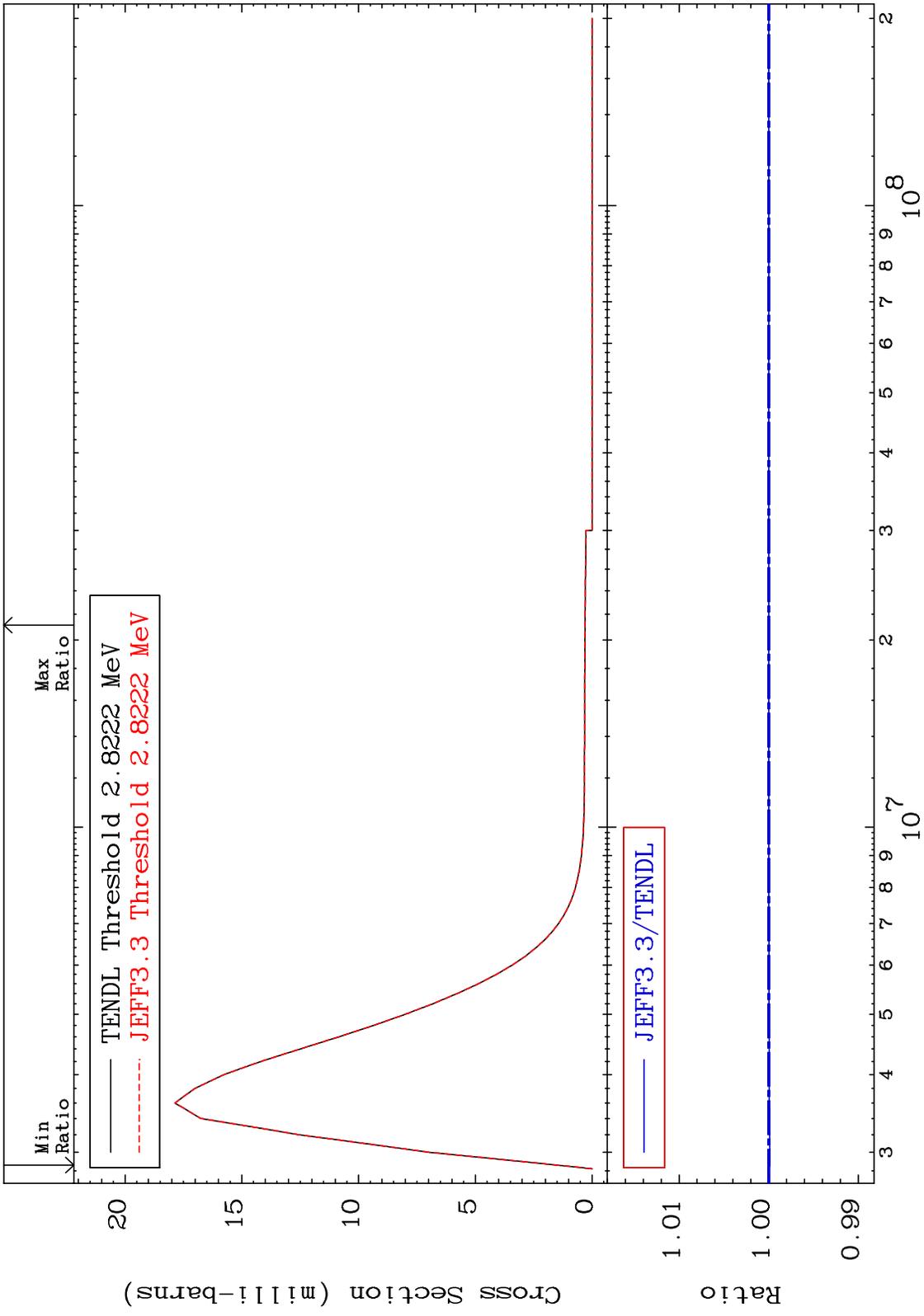


25 Incident Energy (eV) 34-Se-80

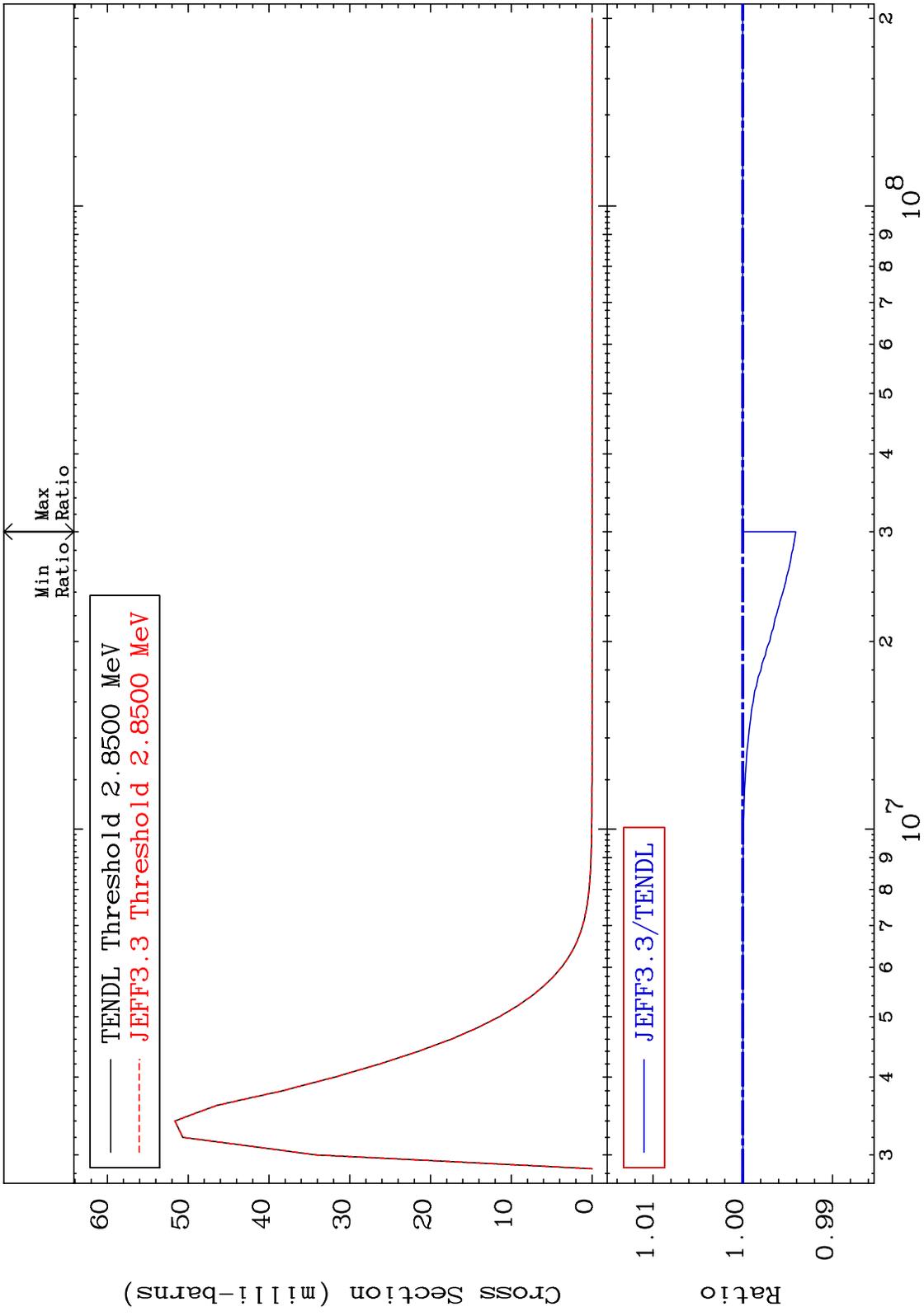
MAT 3443 MT= 64 (n,n') Level Cross Section -0.591 To 0.000 % 34-Se-80



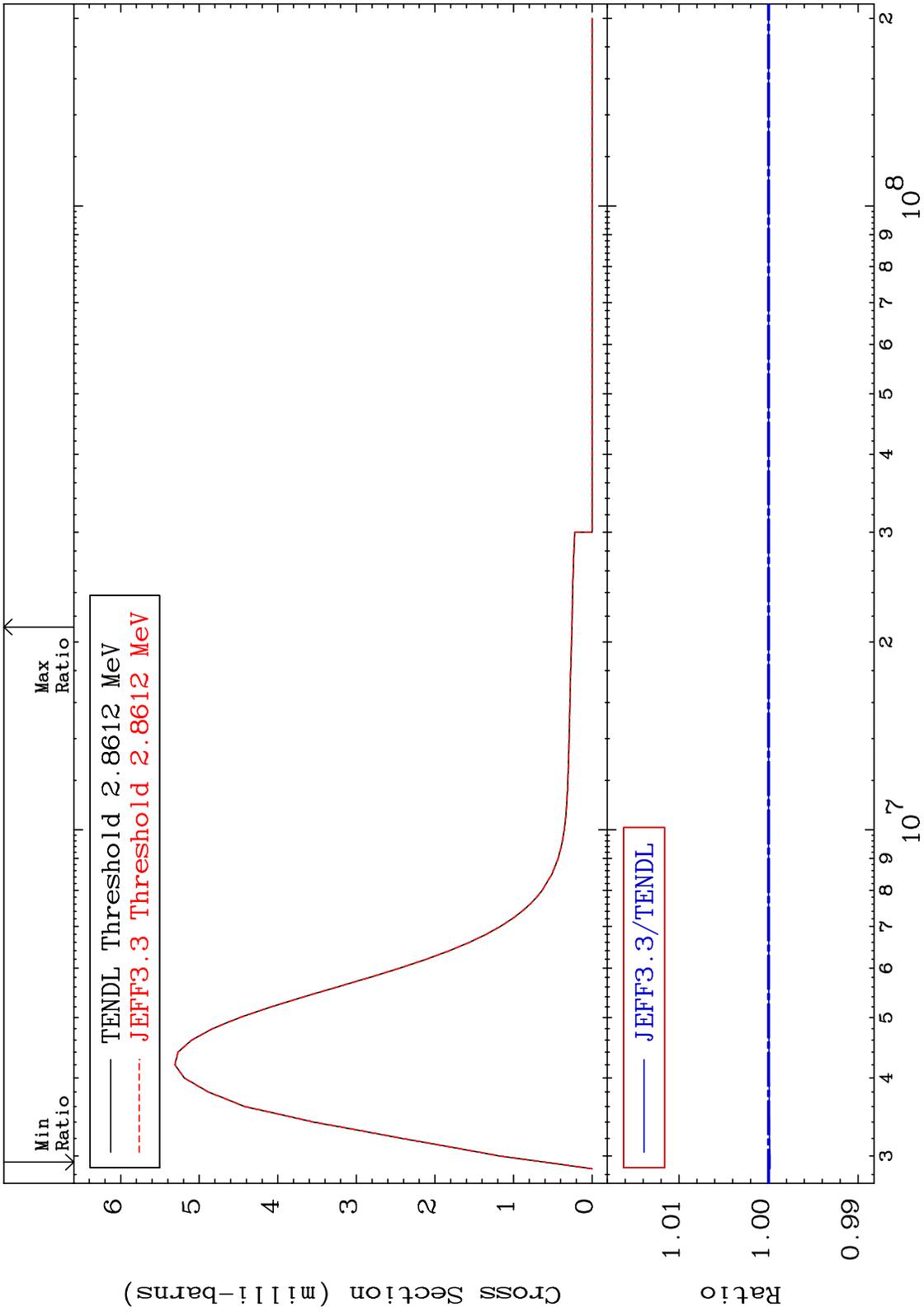
MAT 3443 MT= 65 (n,n') Level Cross Section -0.013 To 0.000 % 34-Se-80



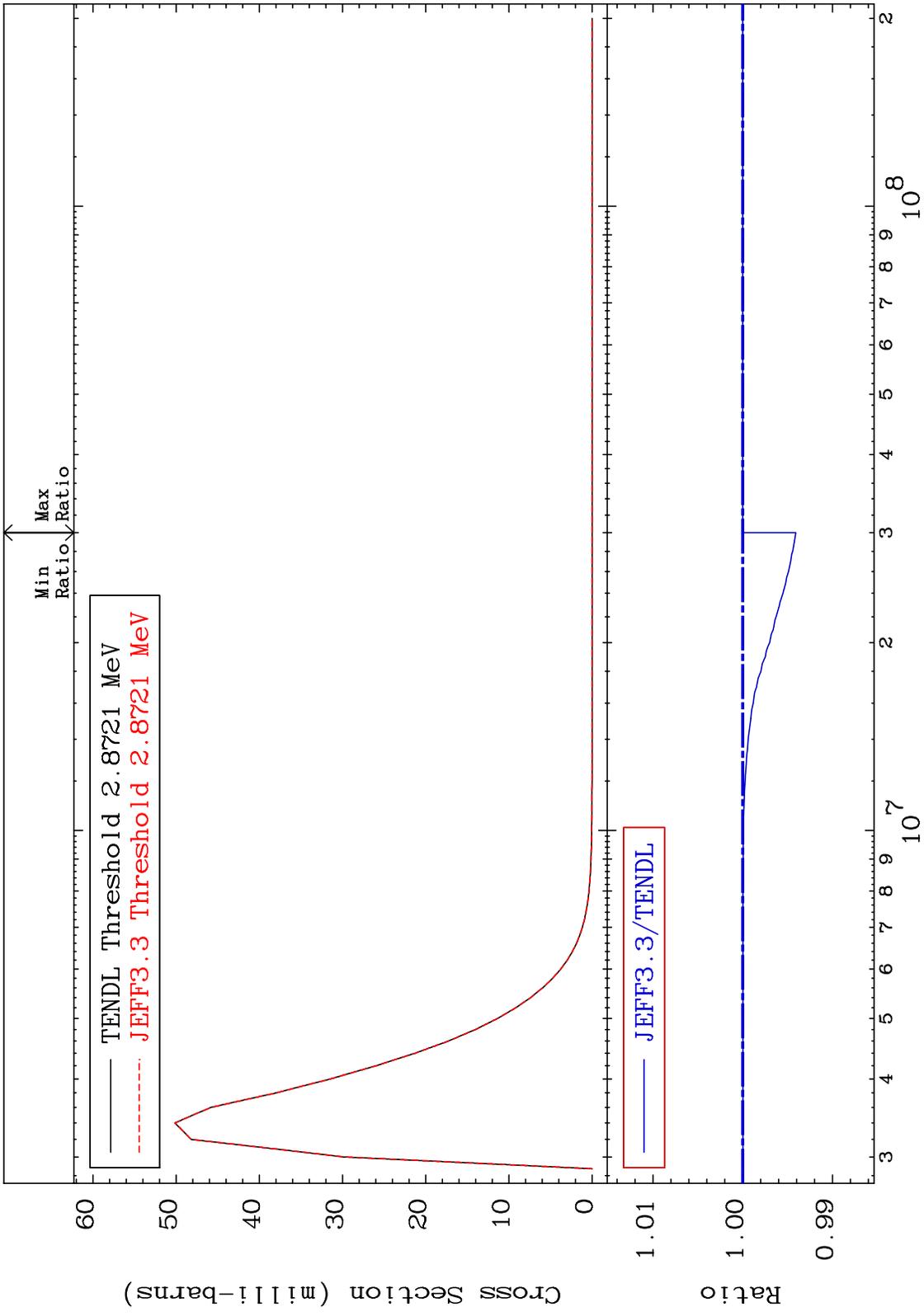
MAT 3443 MT= 66 (n,n') Level Cross Section -0.591 To 0.000 % 34-Se-80



MAT 3443 MT= 67 (n,n') Level Cross Section -0.017 To 0.000 % 34-Se-80

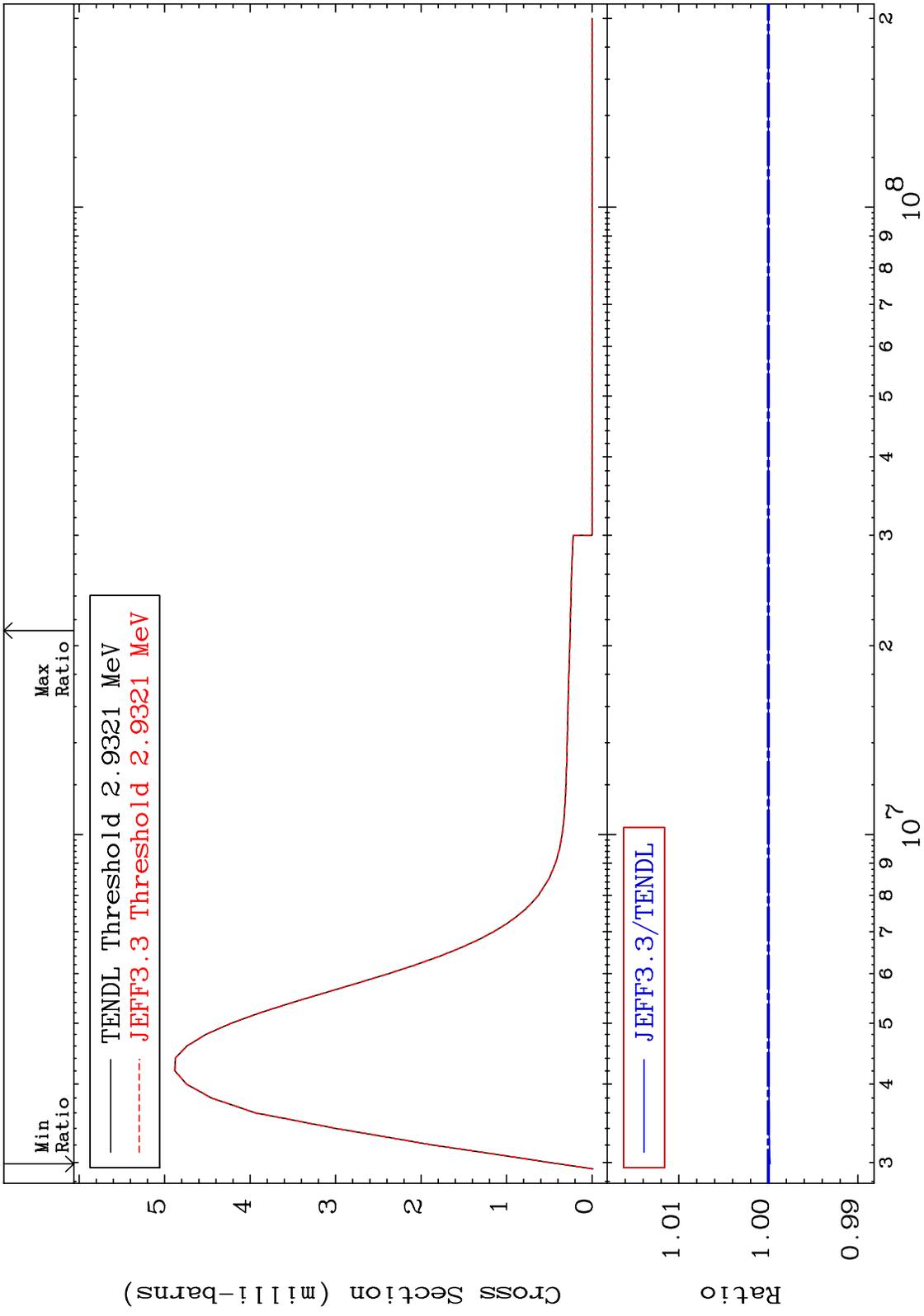


MAT 3443 MT= 69 (n,n') Level Cross Section -0.591 To 0.000 % 34-Se-80

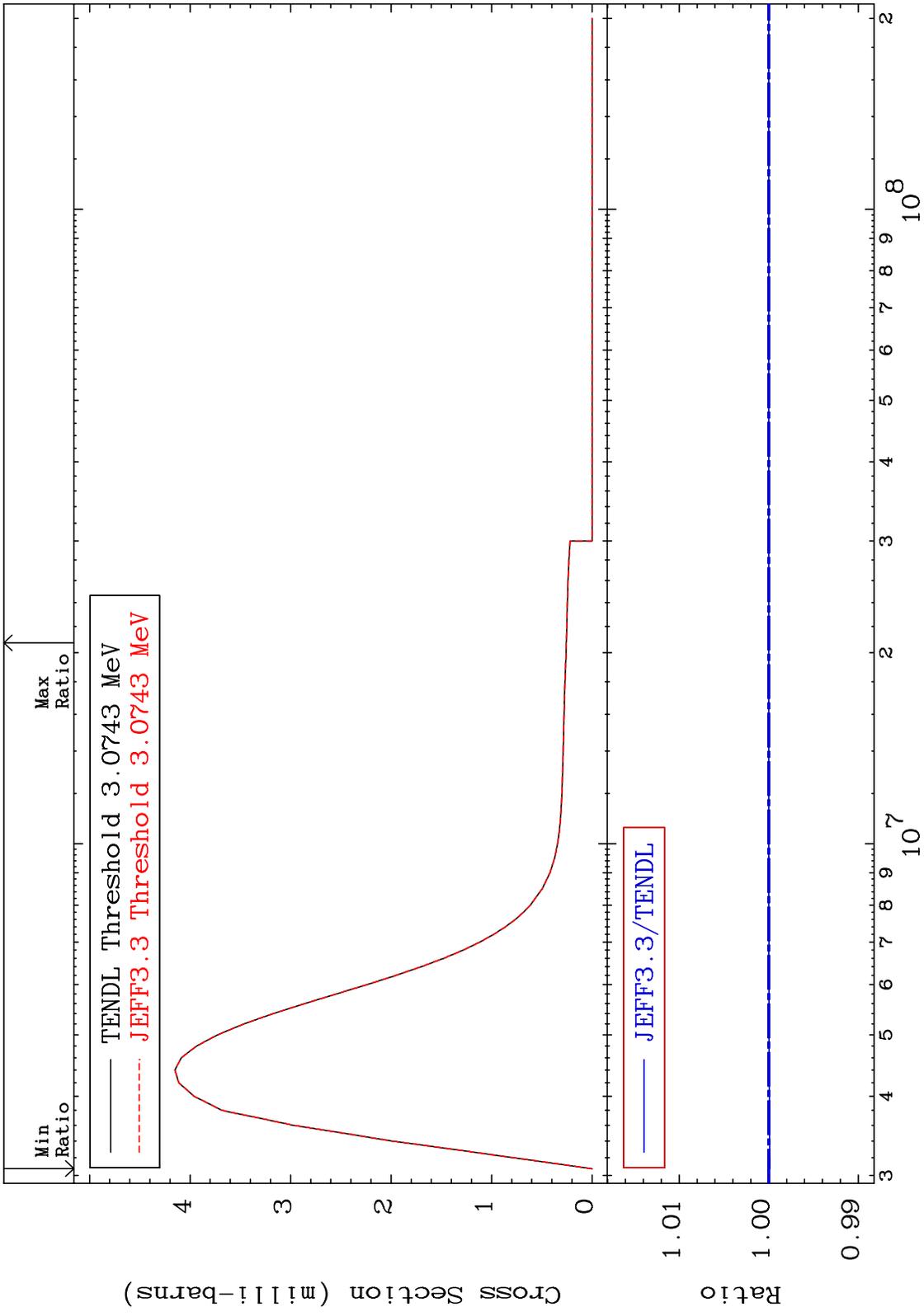


30 Incident Energy (eV) 34-Se-80

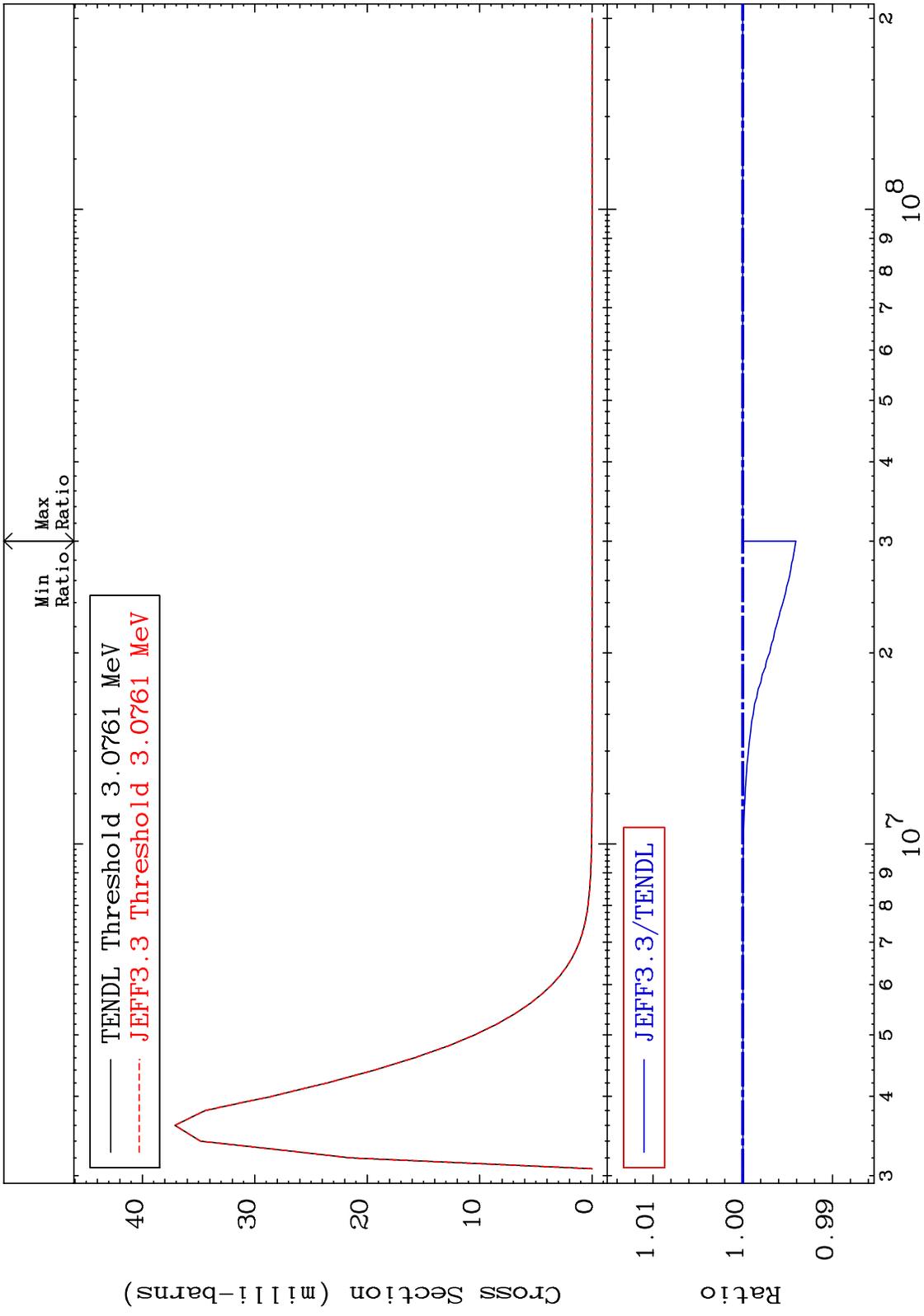
MAT 3443 MT= 70 (n,n') Level Cross Section 34-Se-80
 -0.019 To 0.000 %



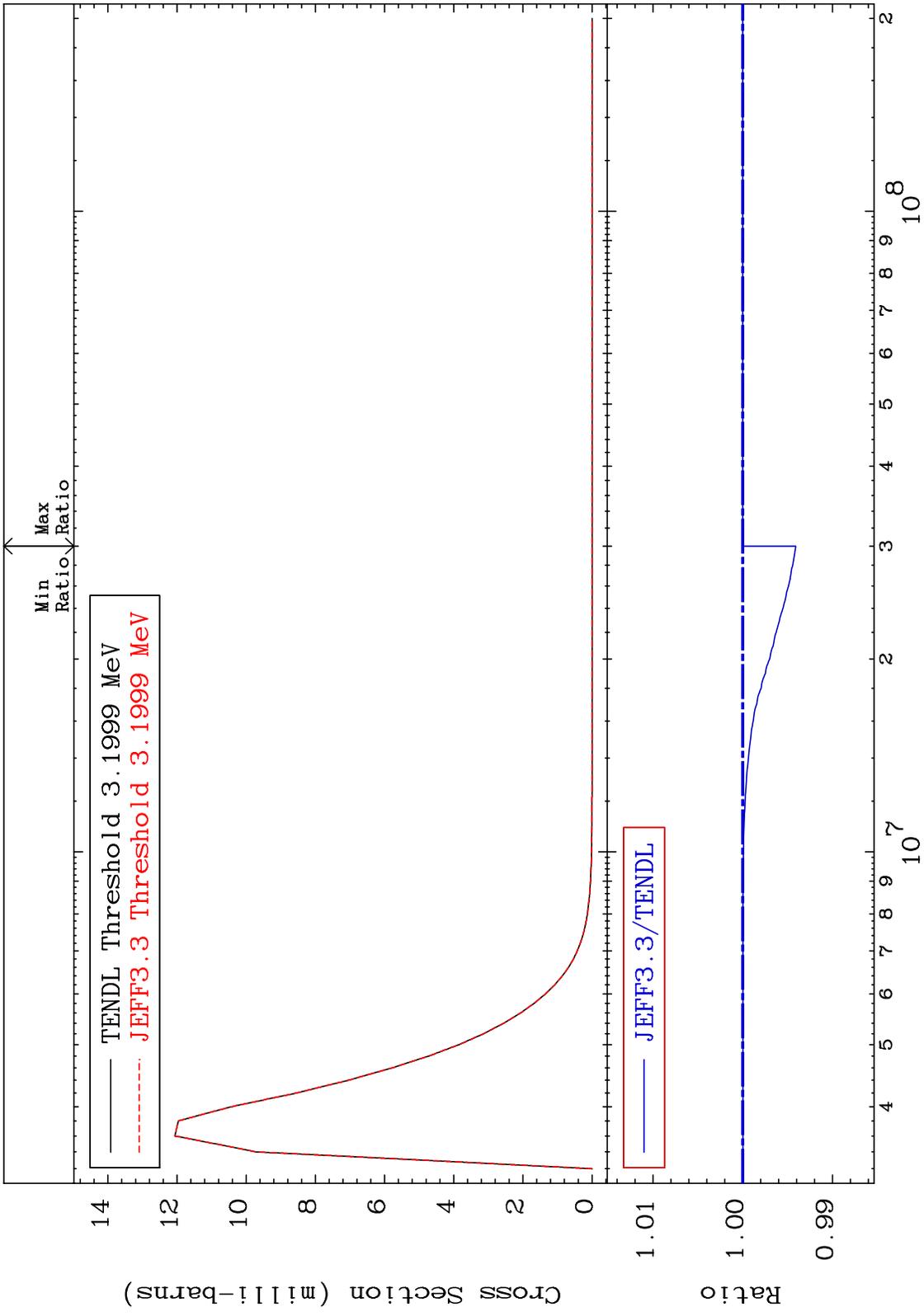
MAT 3443 MT= 75 (n,n') Level Cross Section 34-Se-80
 -0.012 To 0.000 %



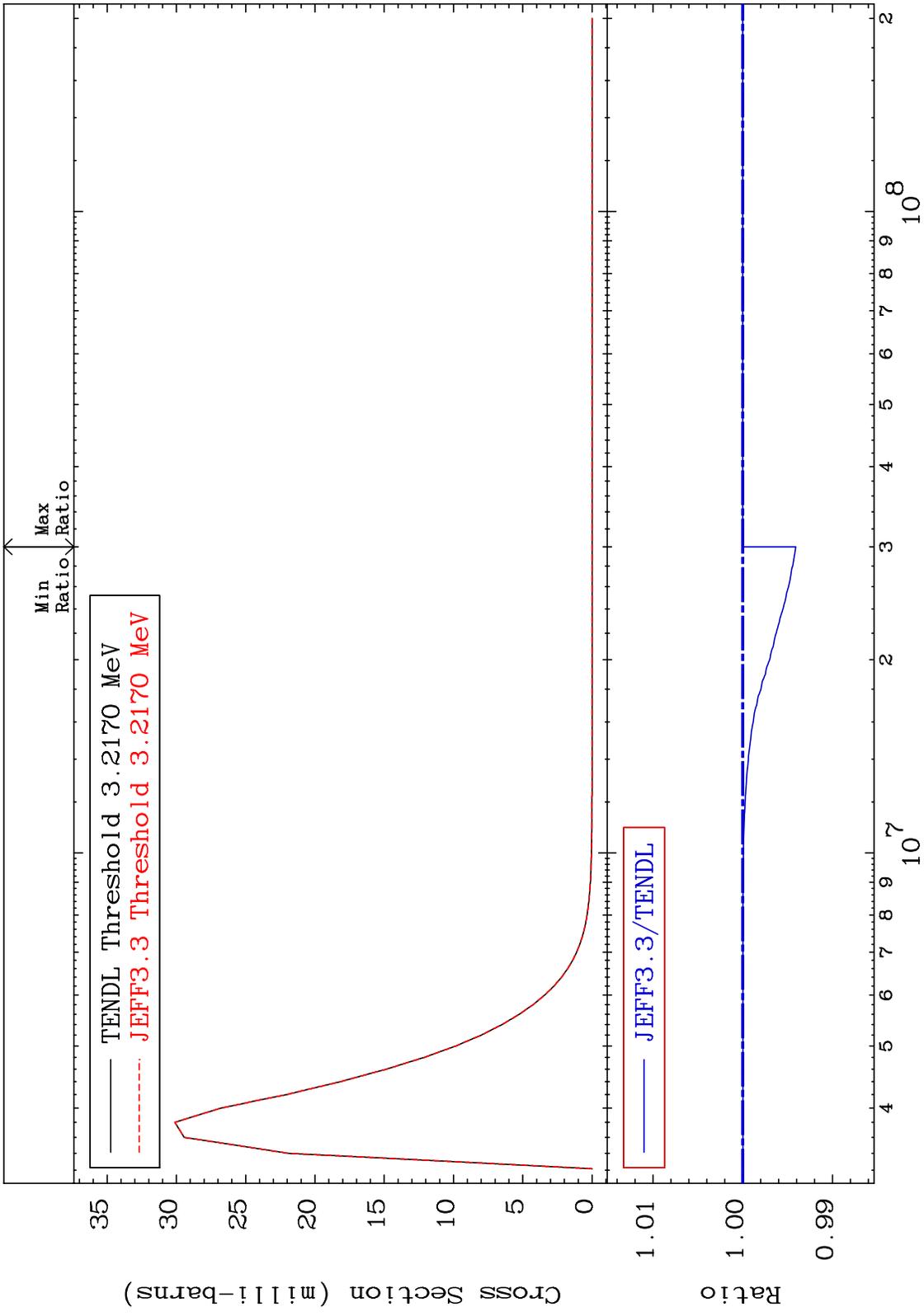
MAT 3443 MT= 76 (n,n') Level Cross Section -0.591 To 0.000 % 34-Se-80



MAT 3443 MT= 78 (n,n') Level Cross Section -0.591 To 0.000 % 34-Se-80



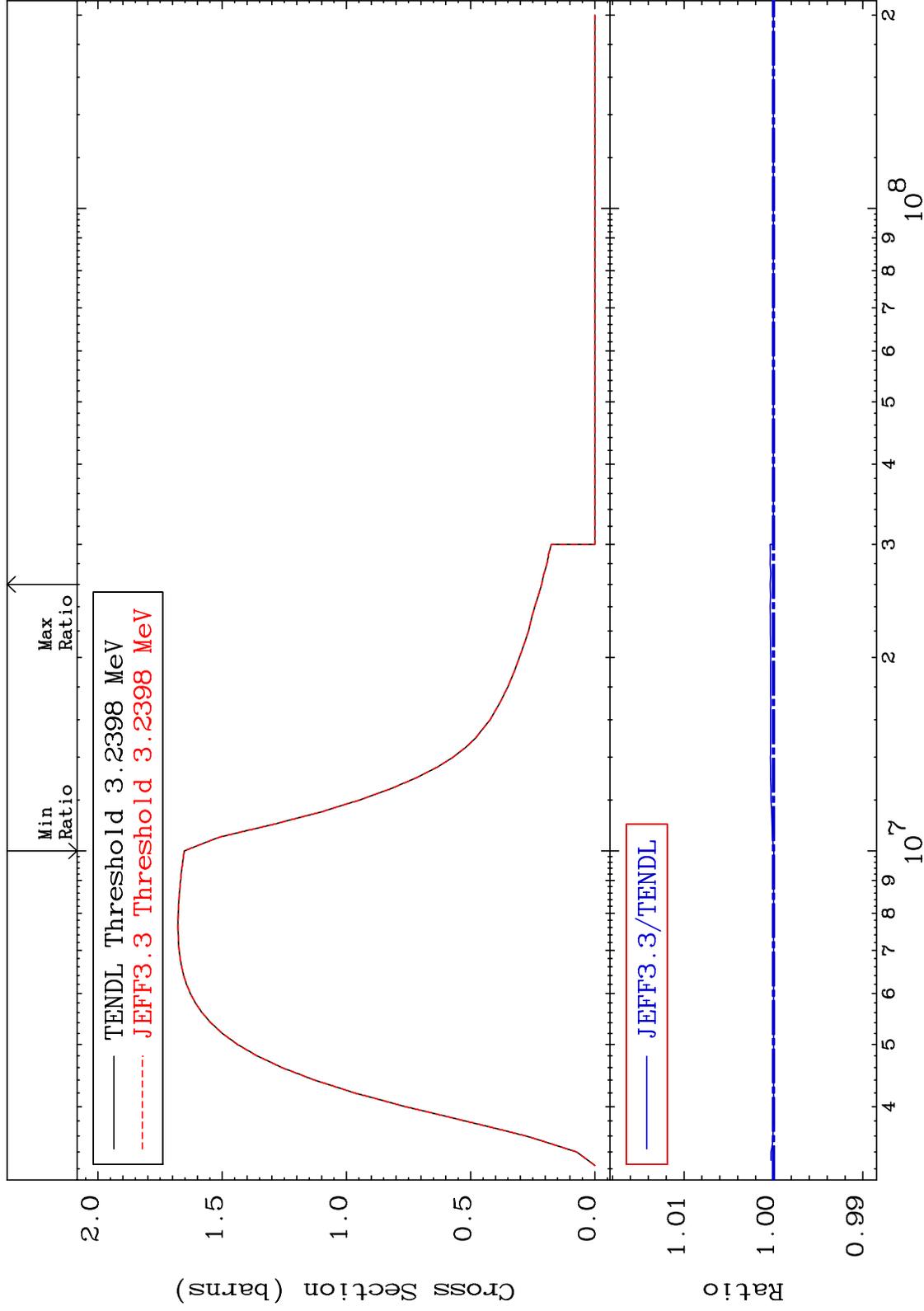
MAT 3443 MT= 79 (n,n') Level Cross Section -0.591 To 0.000 % 34-Se-80



MAT 3443

(n,n') Continuum
Cross Section

34-Se-80
-0.003 To 0.039 %



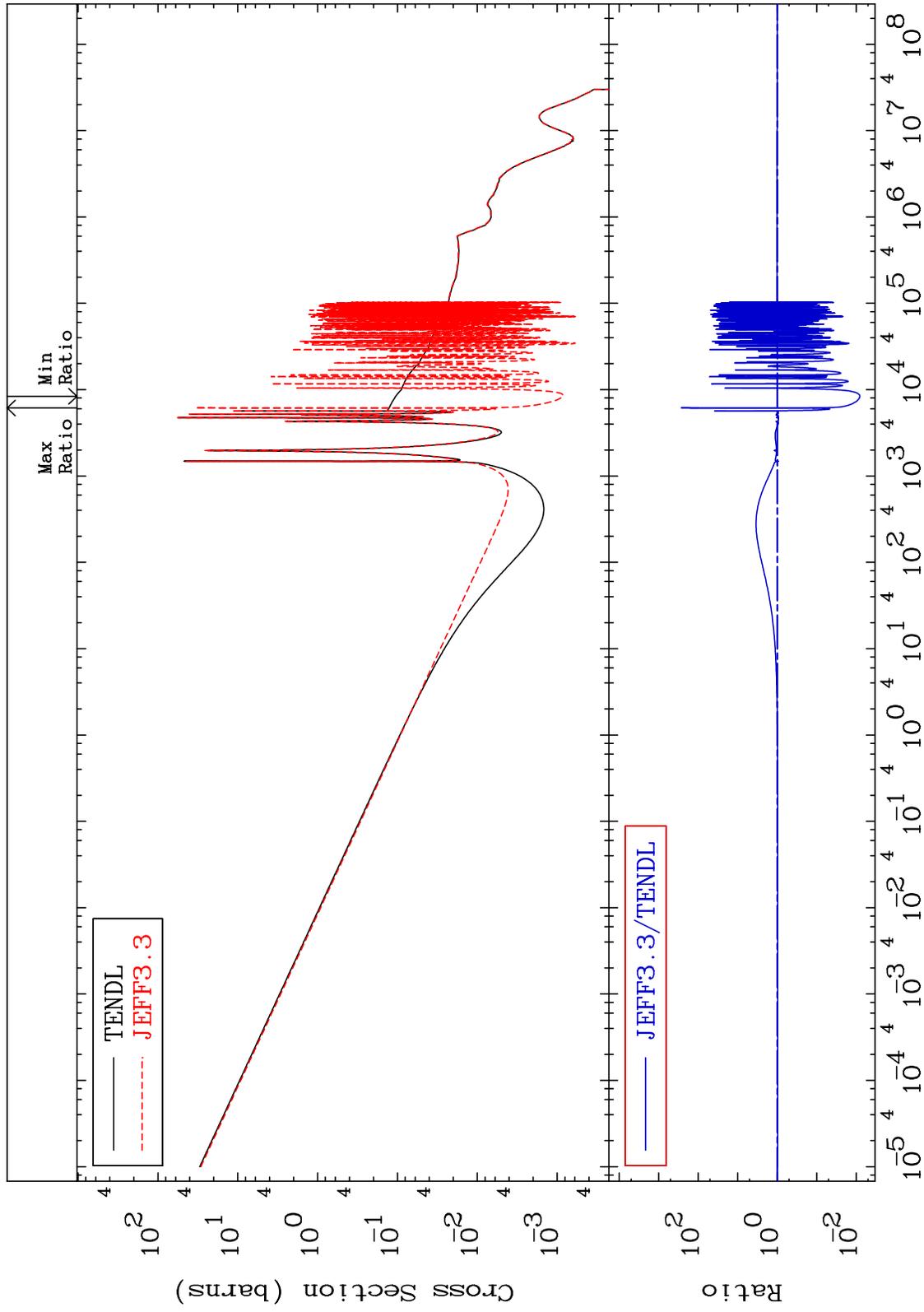
MAT 3443

(n, γ)

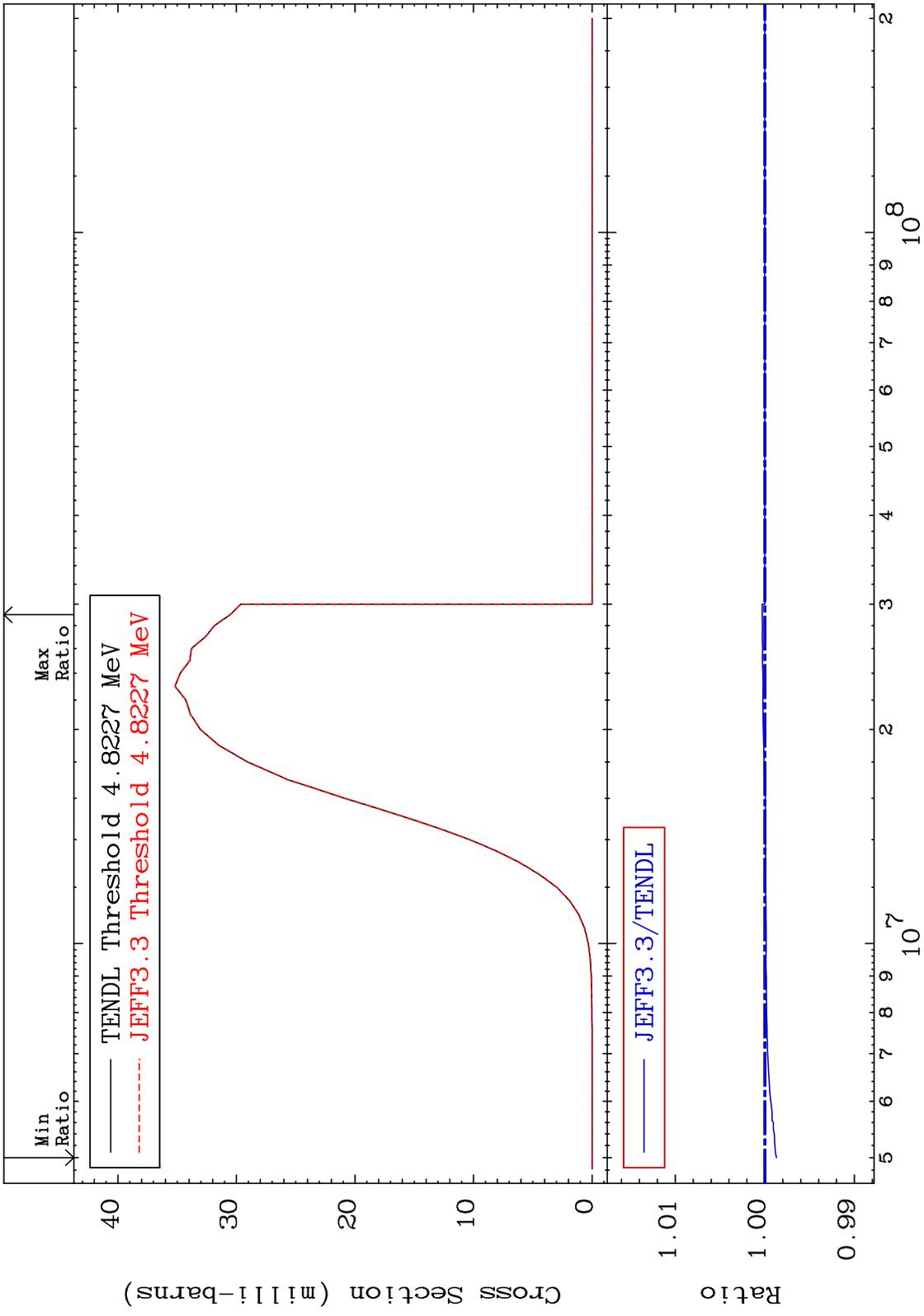
34-Se-80

Cross Section

-99.19 To 9999. %



MAT 3443 (n,p) Cross Section 34-Se-80 -0.129 To 0.030 %



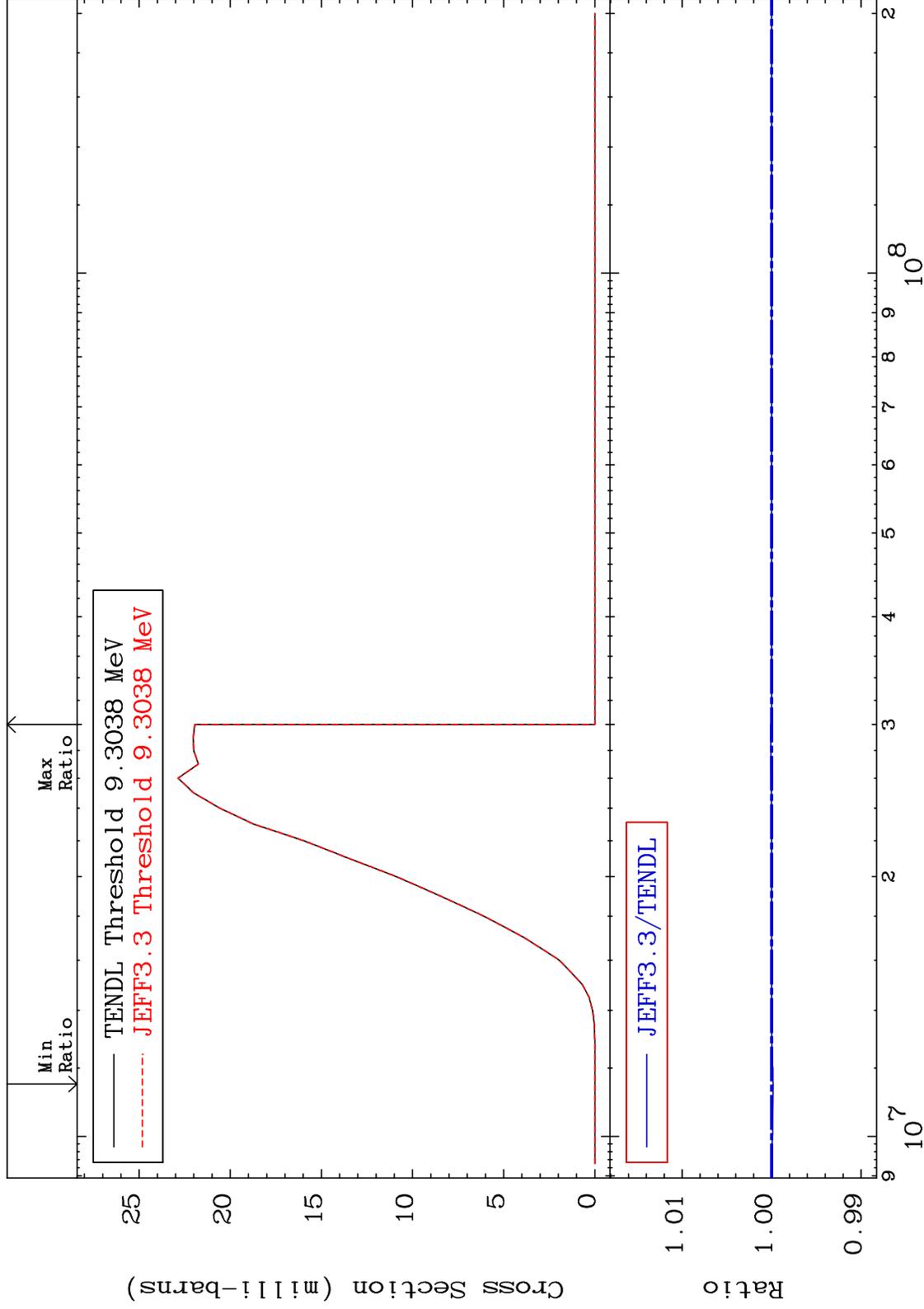
MAT 3443

(n,d)

³⁴Se-80

Cross Section

-0.017 To 0.010 %

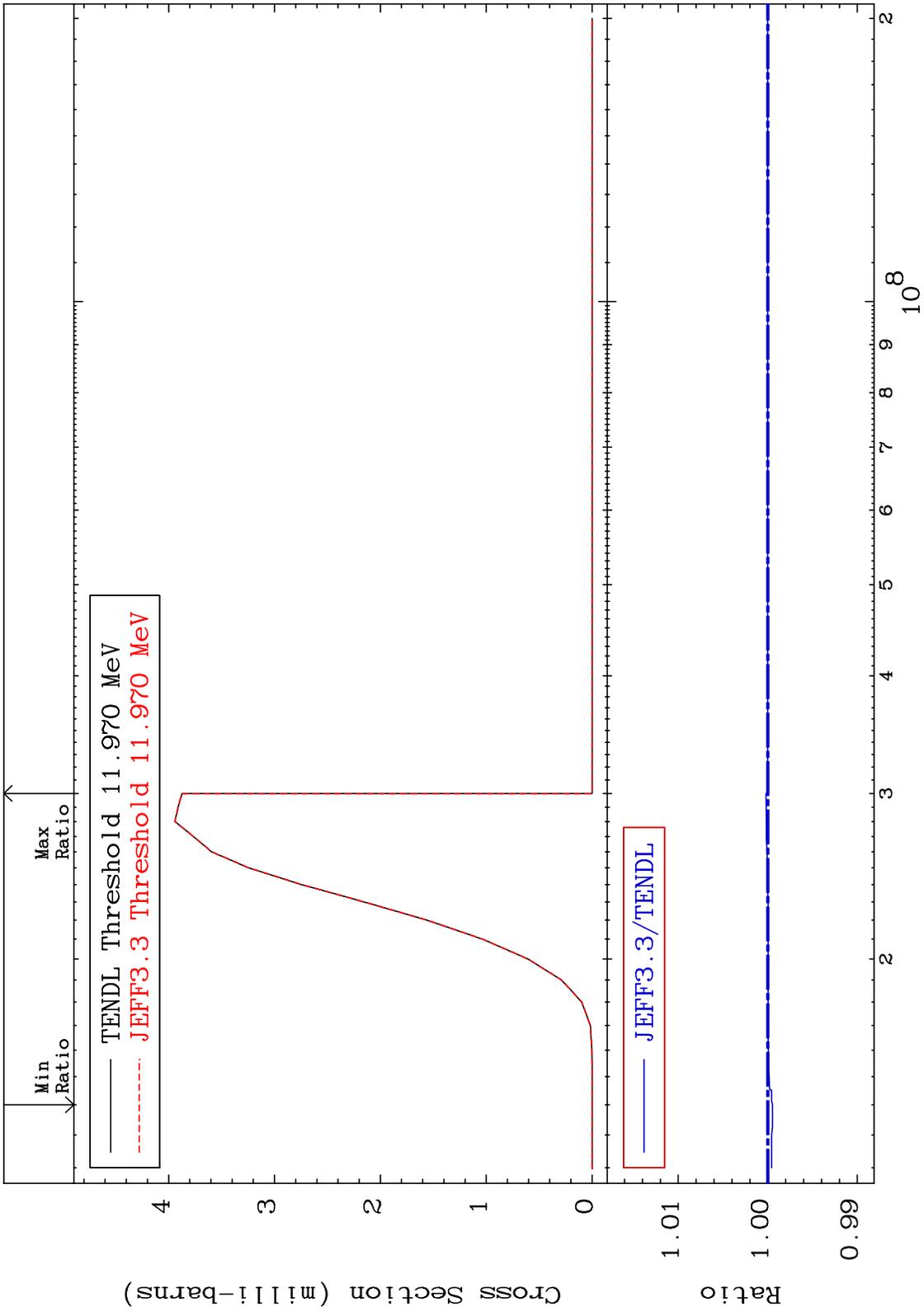


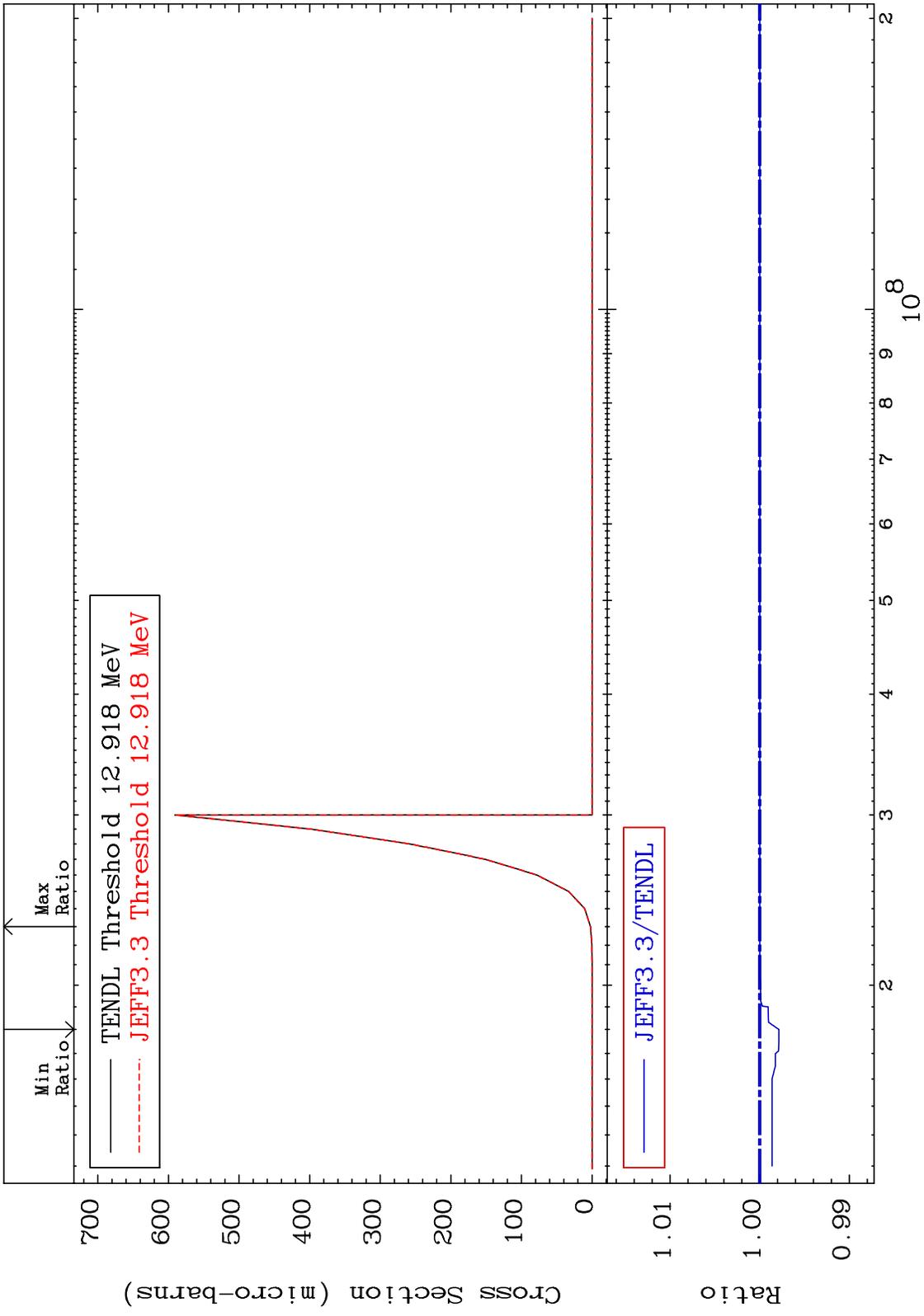
39

Incident Energy (eV)

³⁴Se-80

MAT 3443 (n,t) Cross Section 34-Se-80
-0.054 To 0.020 %





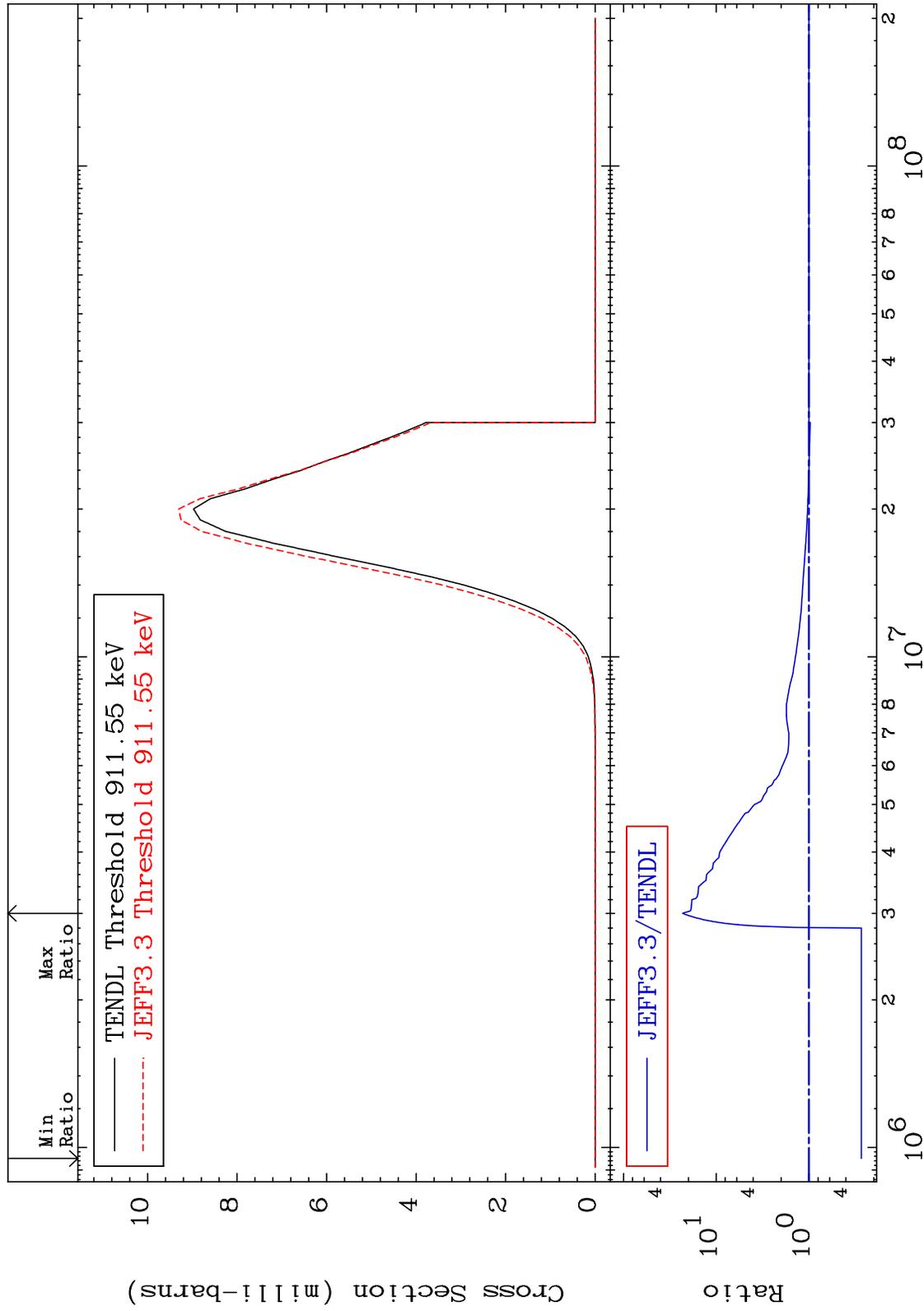
MAT 3443

(n, α)

³⁴Se-80

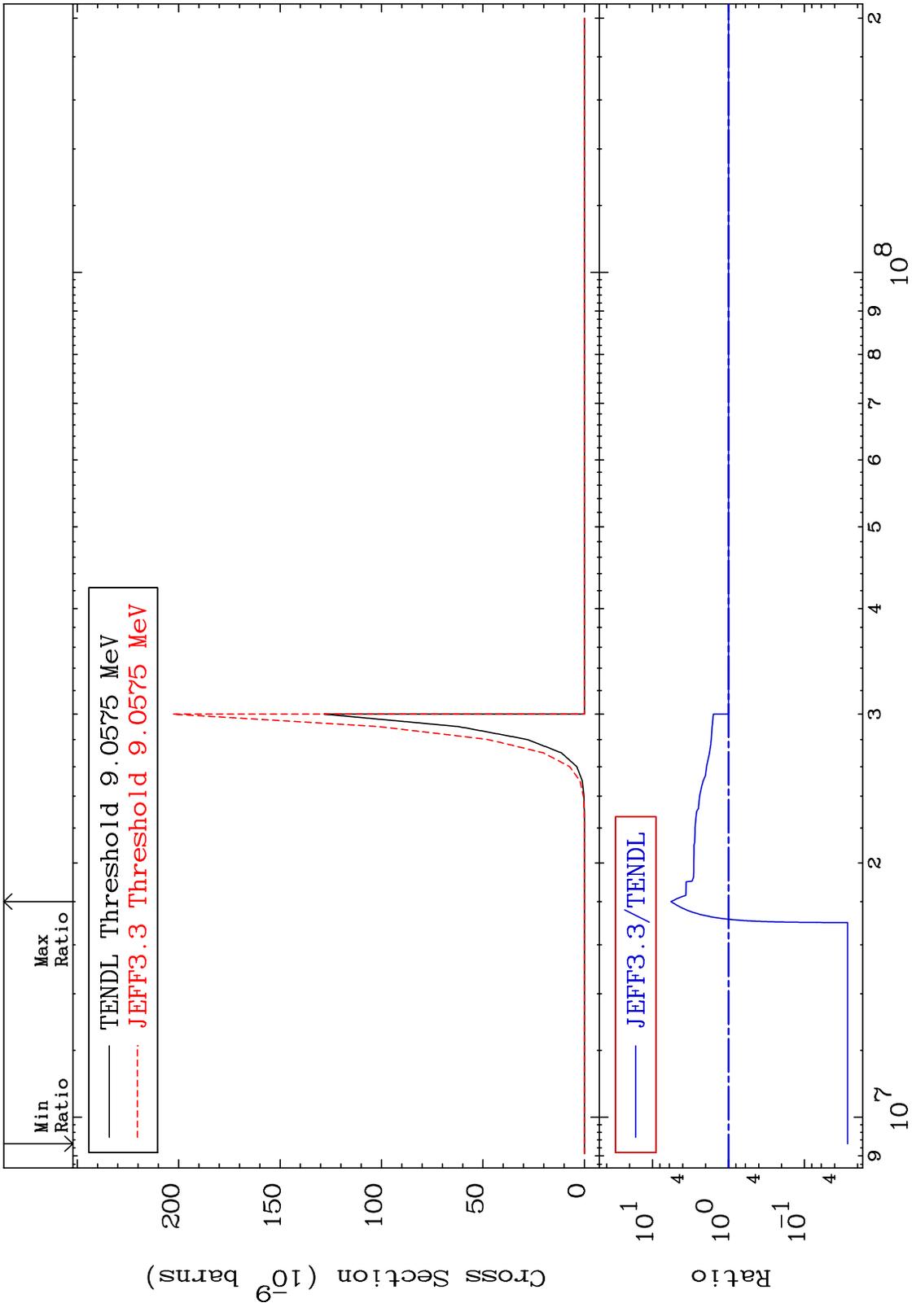
-72.79 To 2208. %

Cross Section



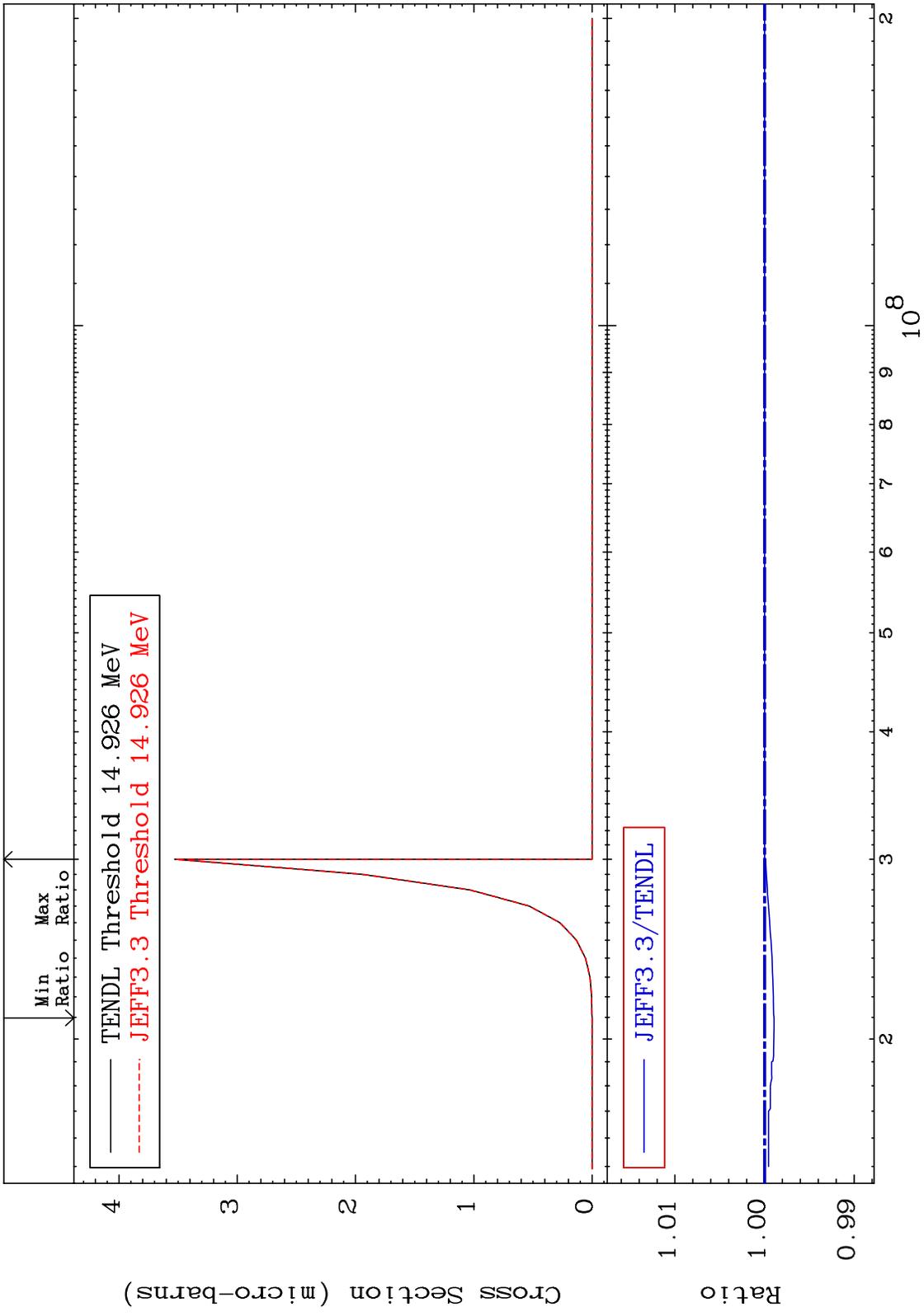
42

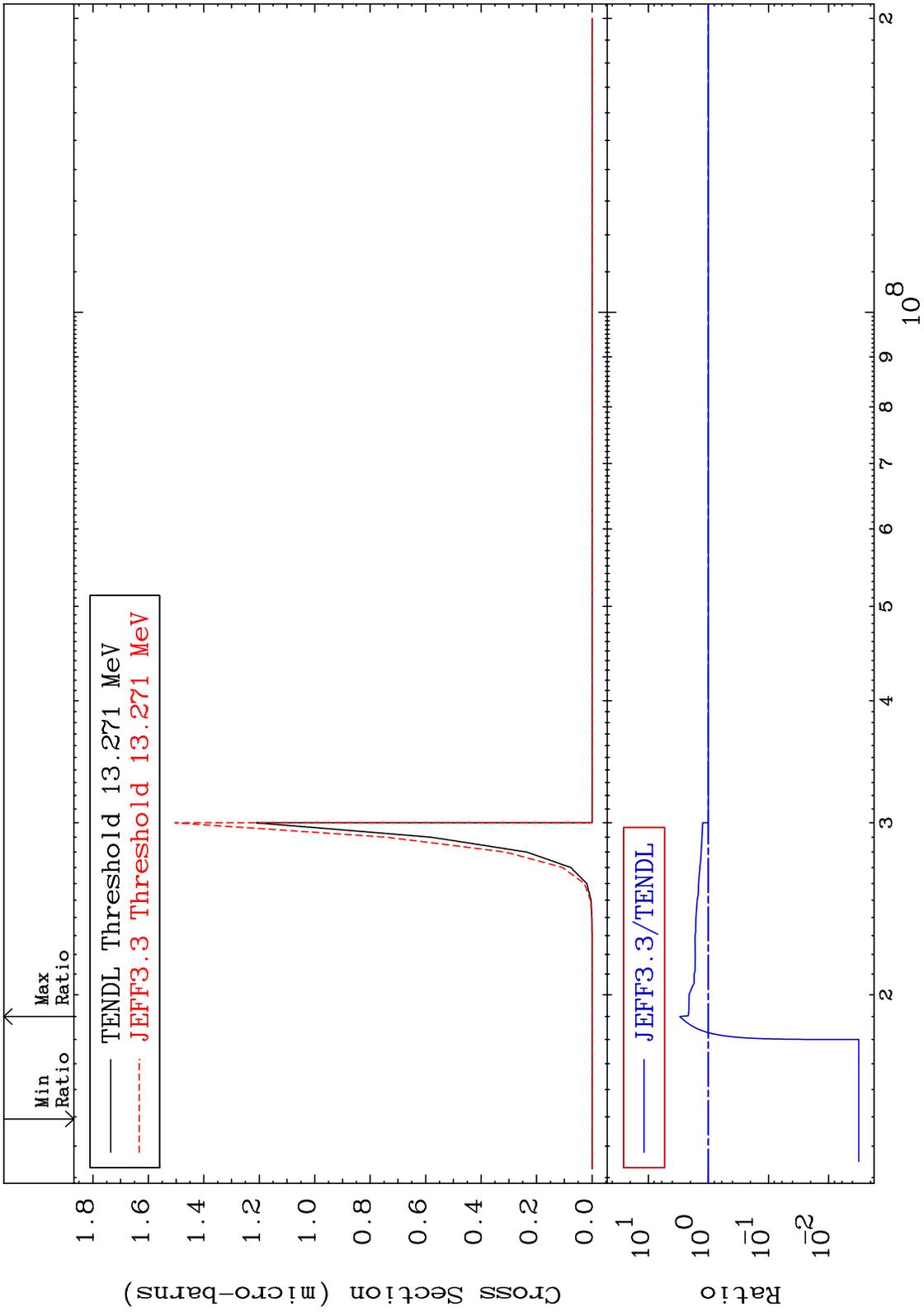
MAT 3443 $(n, 2\alpha)$ Cross Section $^{34}\text{Se-80}$
 -97.30 To 472.0 %



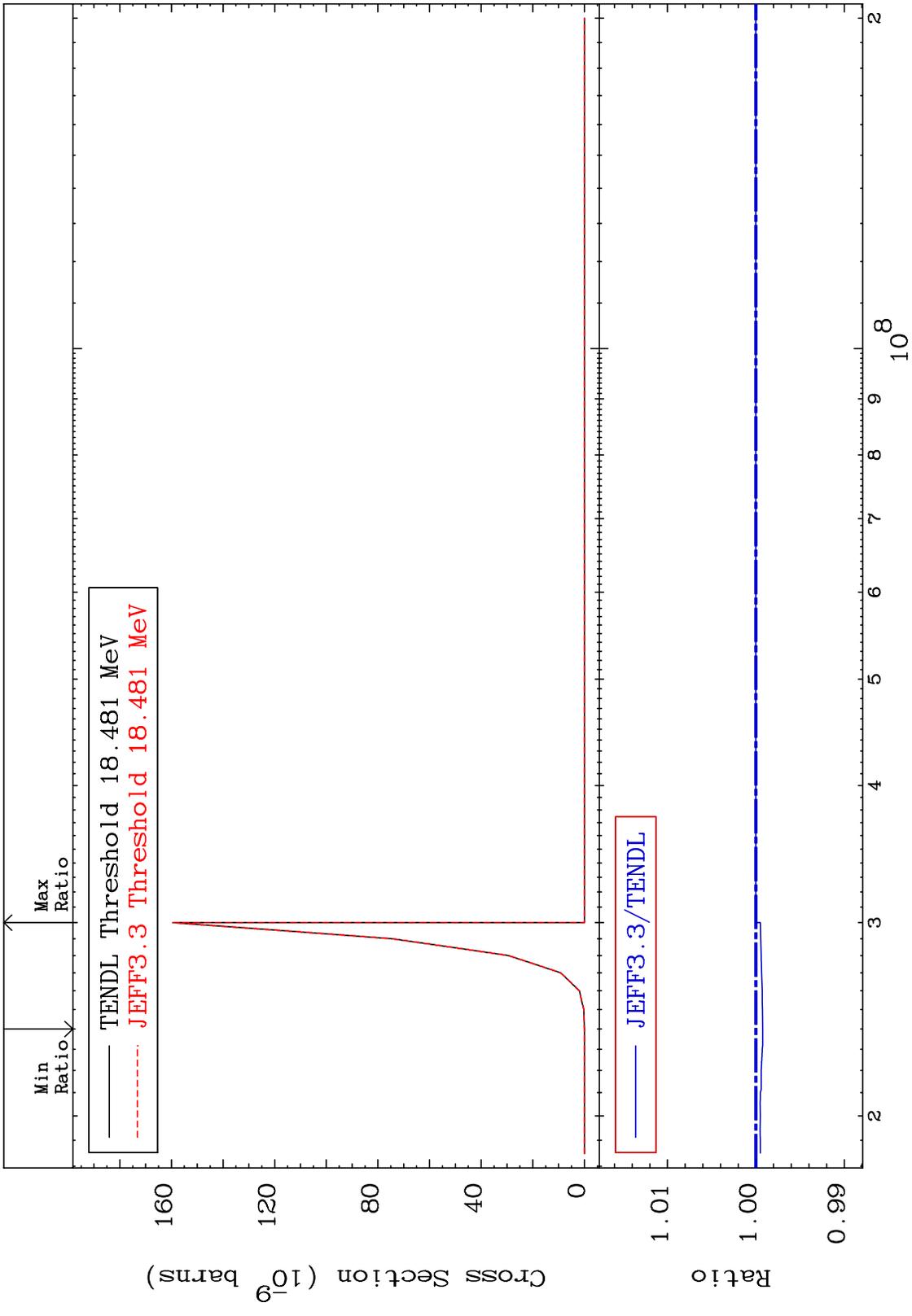
43 $^{34}\text{Se-80}$

MAT 3443 (n,2p) Cross Section 34-Se-80 -0.106 To 0.000 %

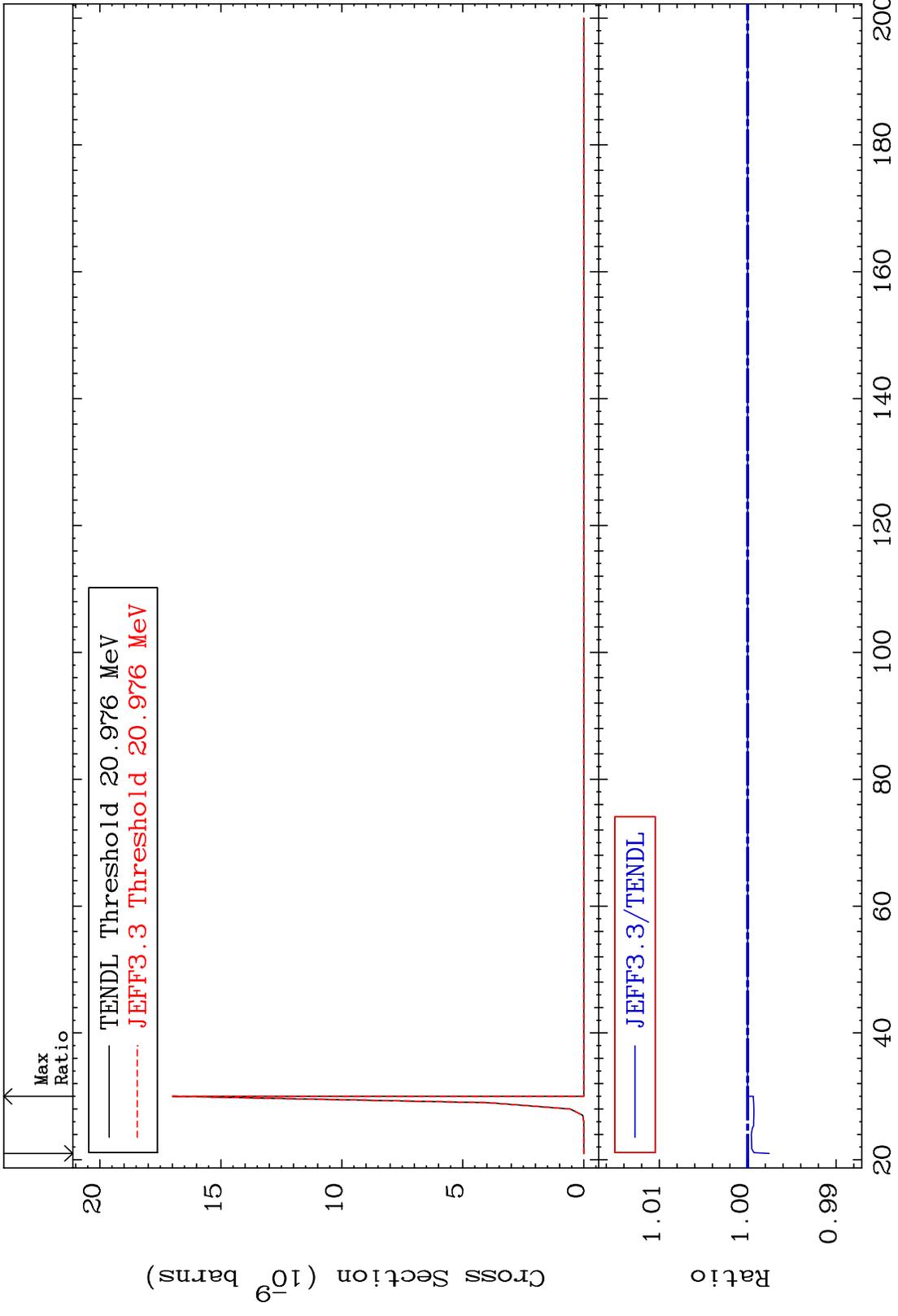




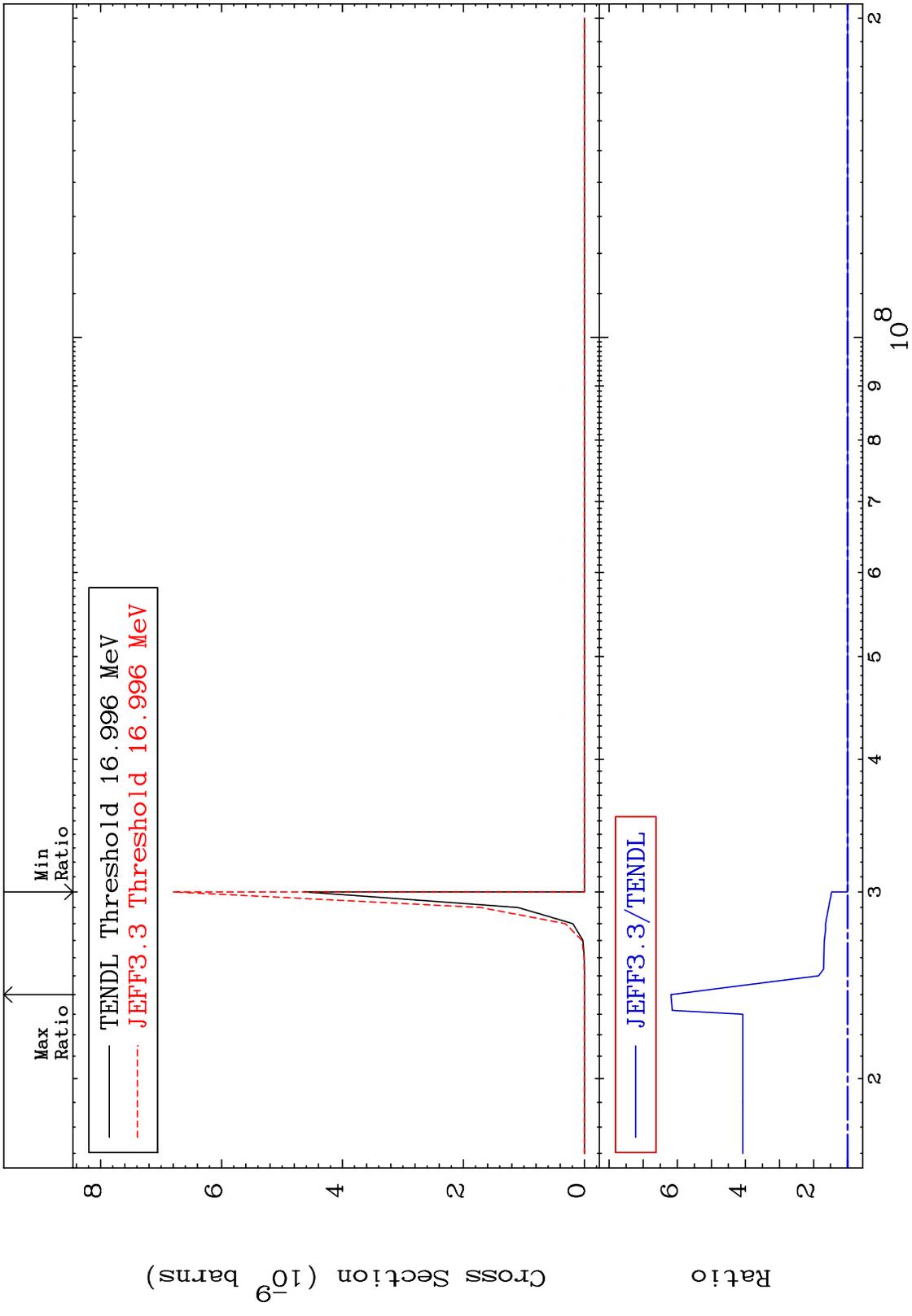
MAT 3443 (n,p) d 34-Se-80
 Cross Section -0.077 To 0.000 %



MAT 3443 (n,p) t 34-Se-80
Cross Section -0.244 To 0.000 %



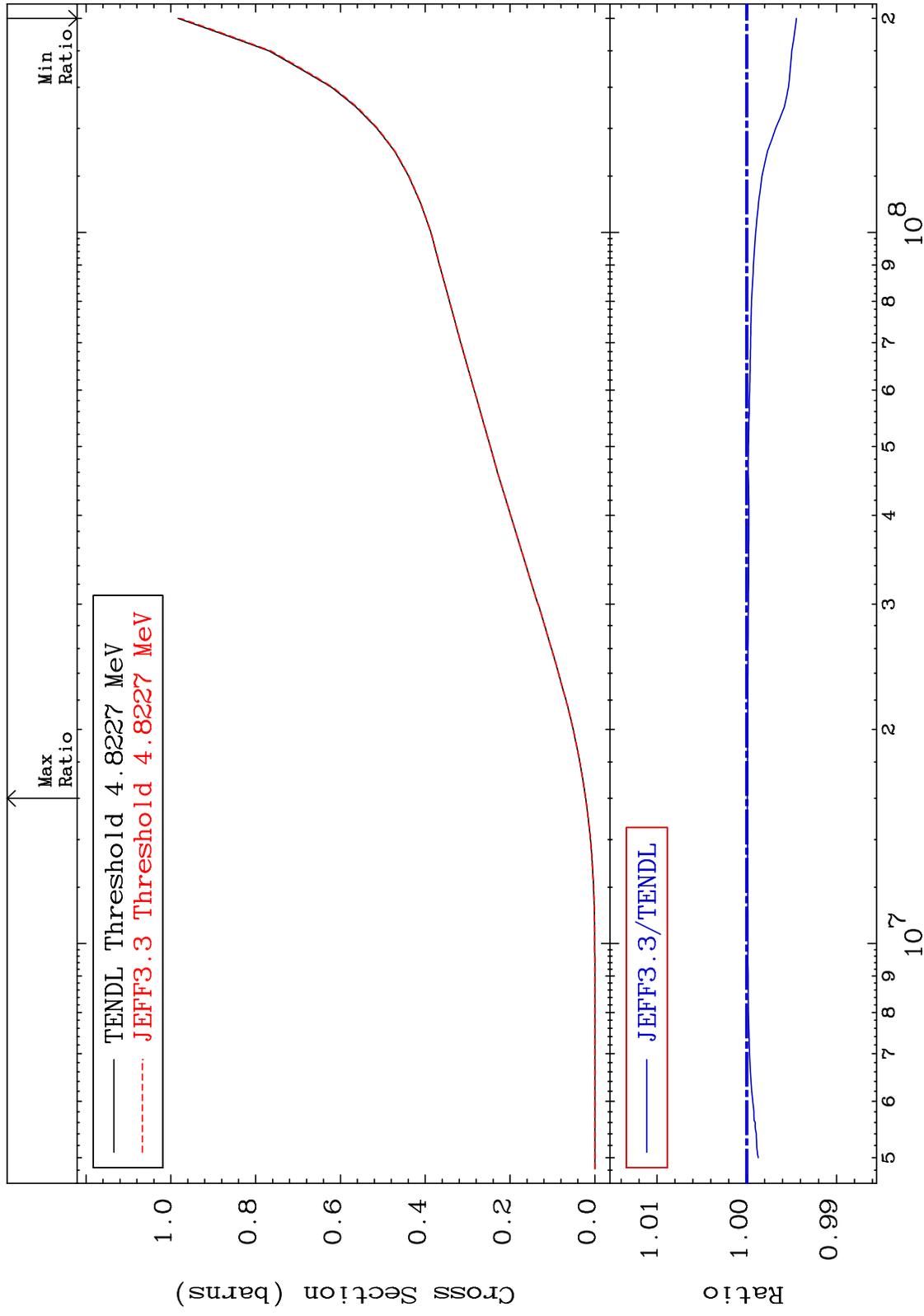
MAT 3443 (n,d) α Cross Section $^{34}\text{Se-80}$ To 518.7 %



MAT 3443

Hydrogen Production
Cross Section

34-Se-80
-0.553 To -0.007%



49

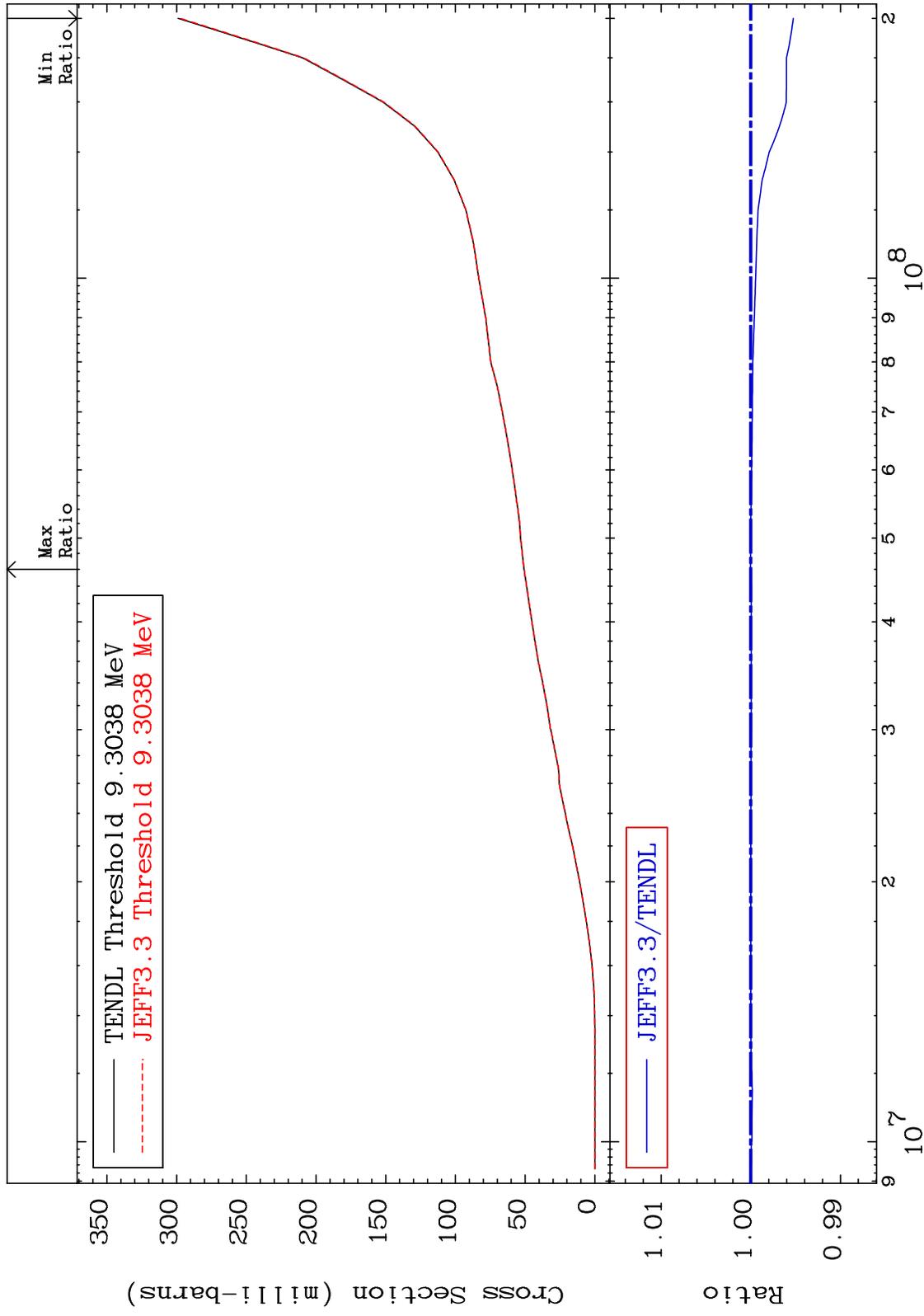
Incident Energy (eV)

34-Se-80

MAT 3443

Deuterium Production
Cross Section

34-Se-80
-0.474 To 0.003 %



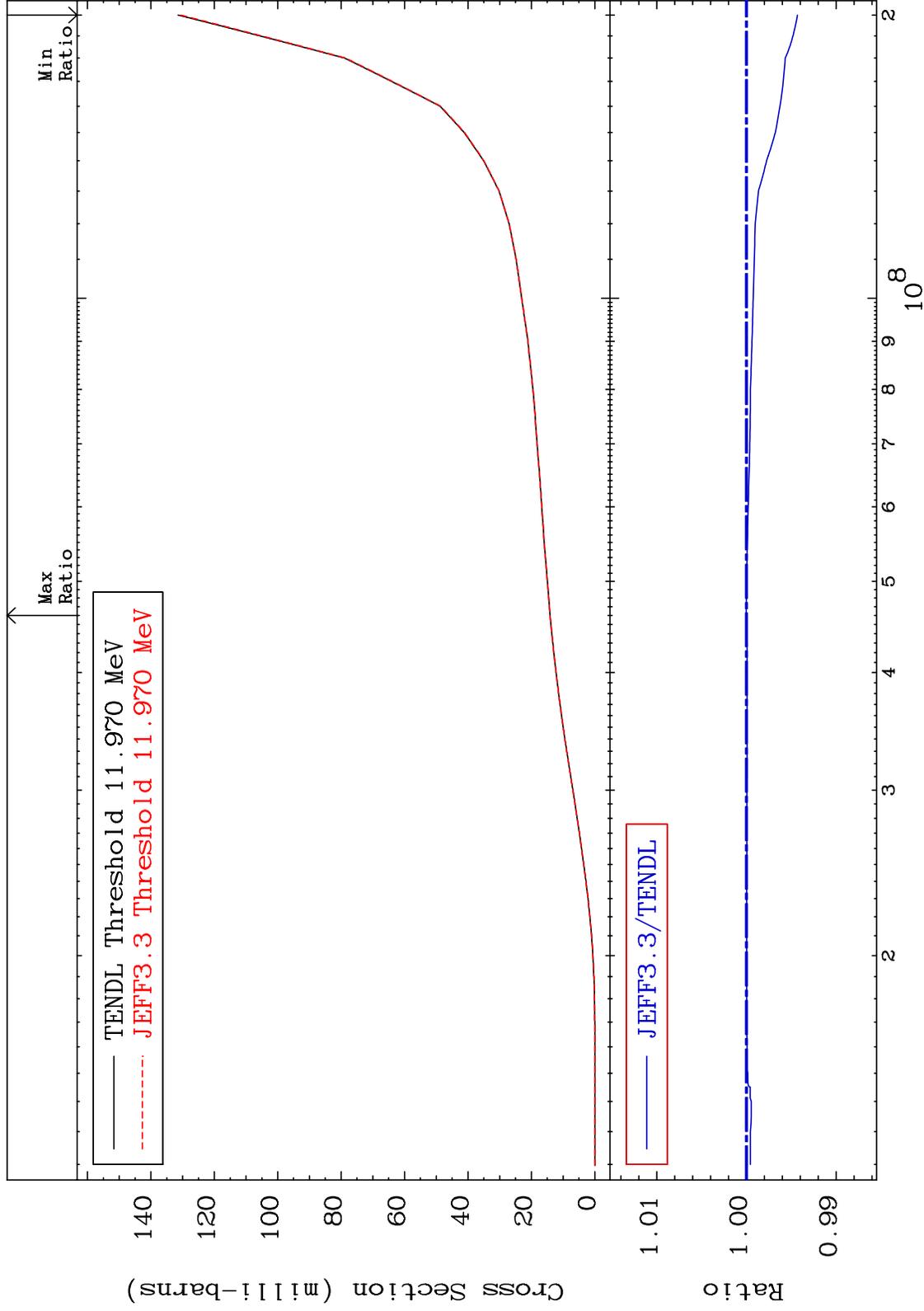
Incident Energy (eV)

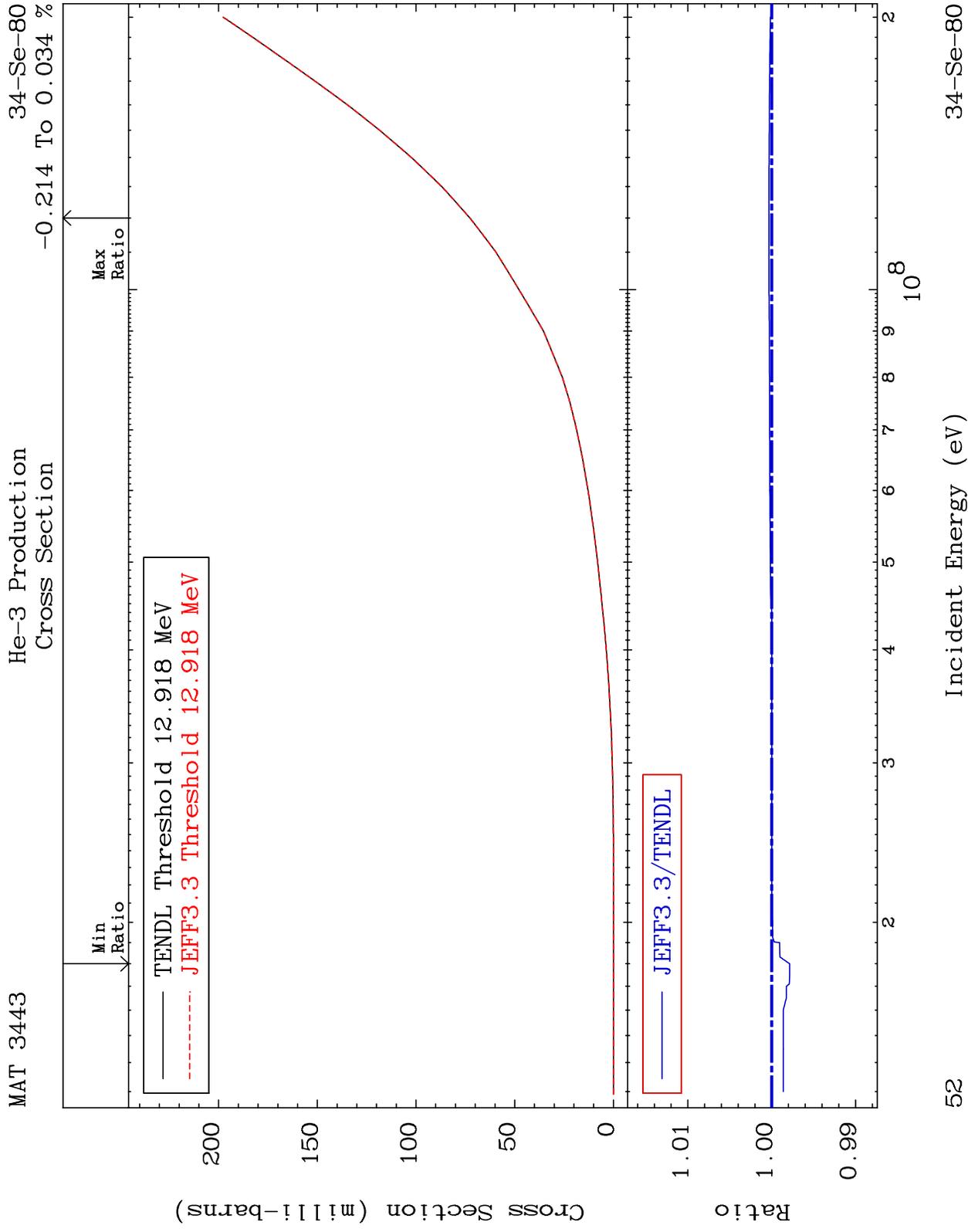
34-Se-80

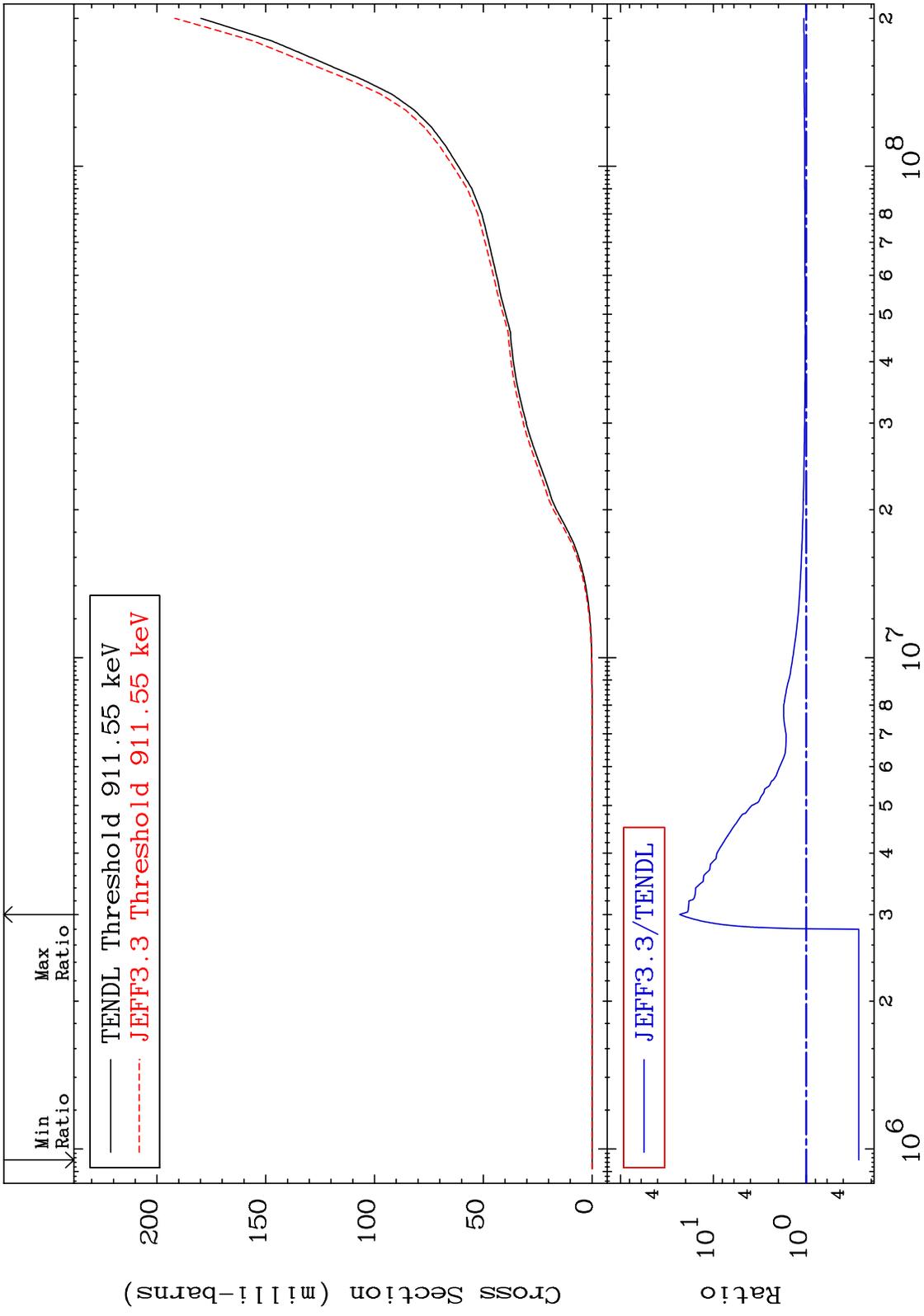
MAT 3443

Tritium Production
Cross Section

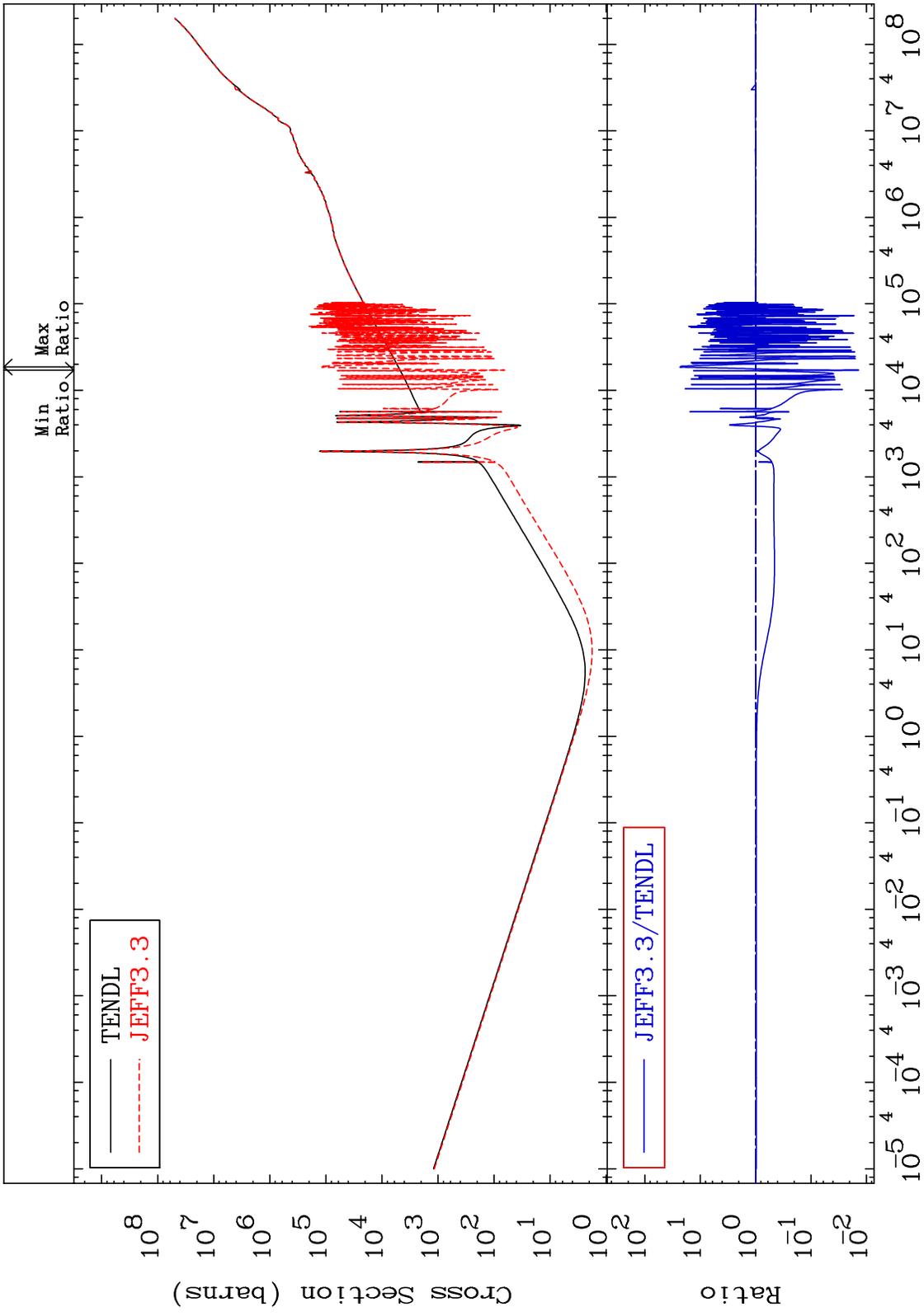
34-Se-80
-0.569 To 0.000 %

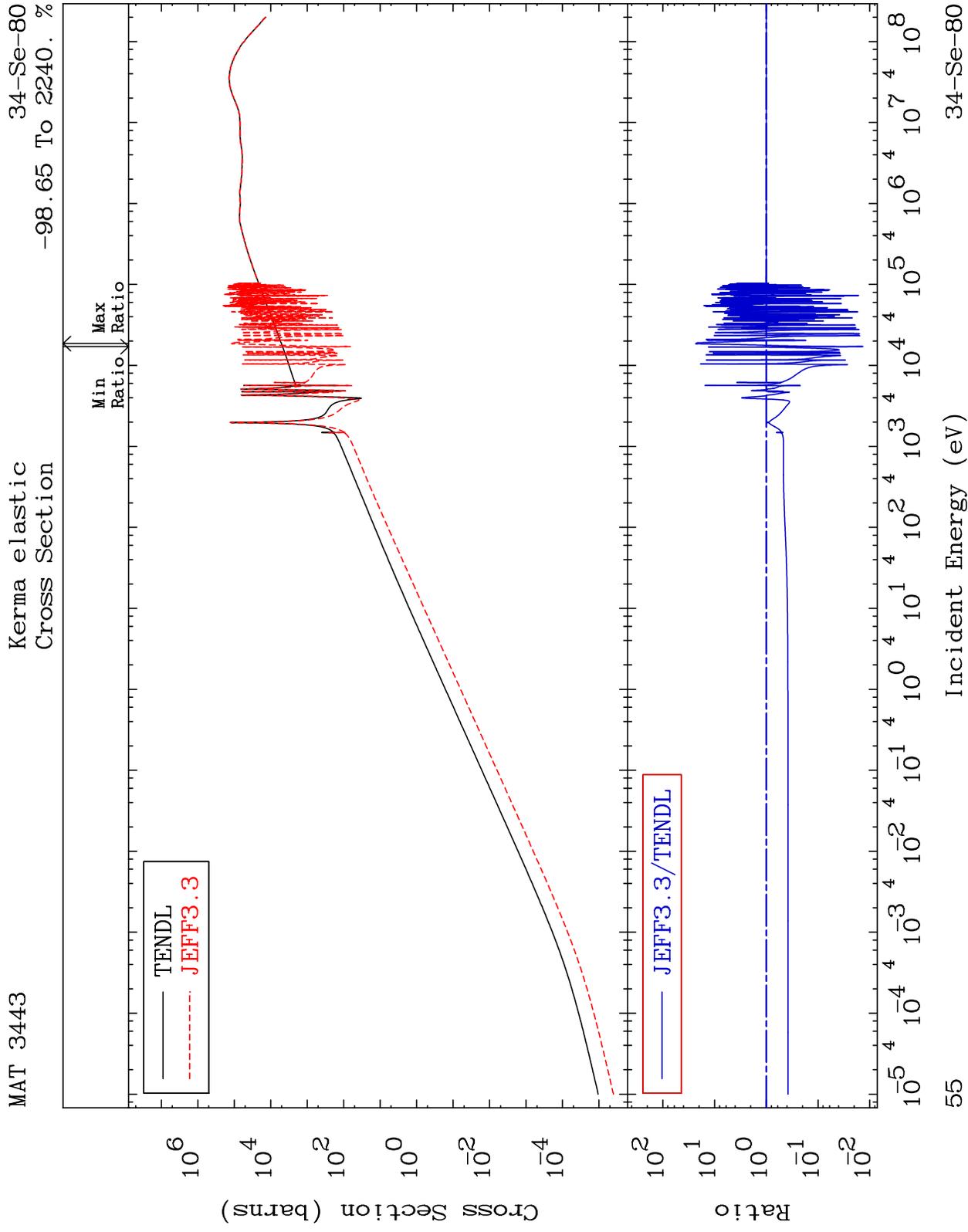




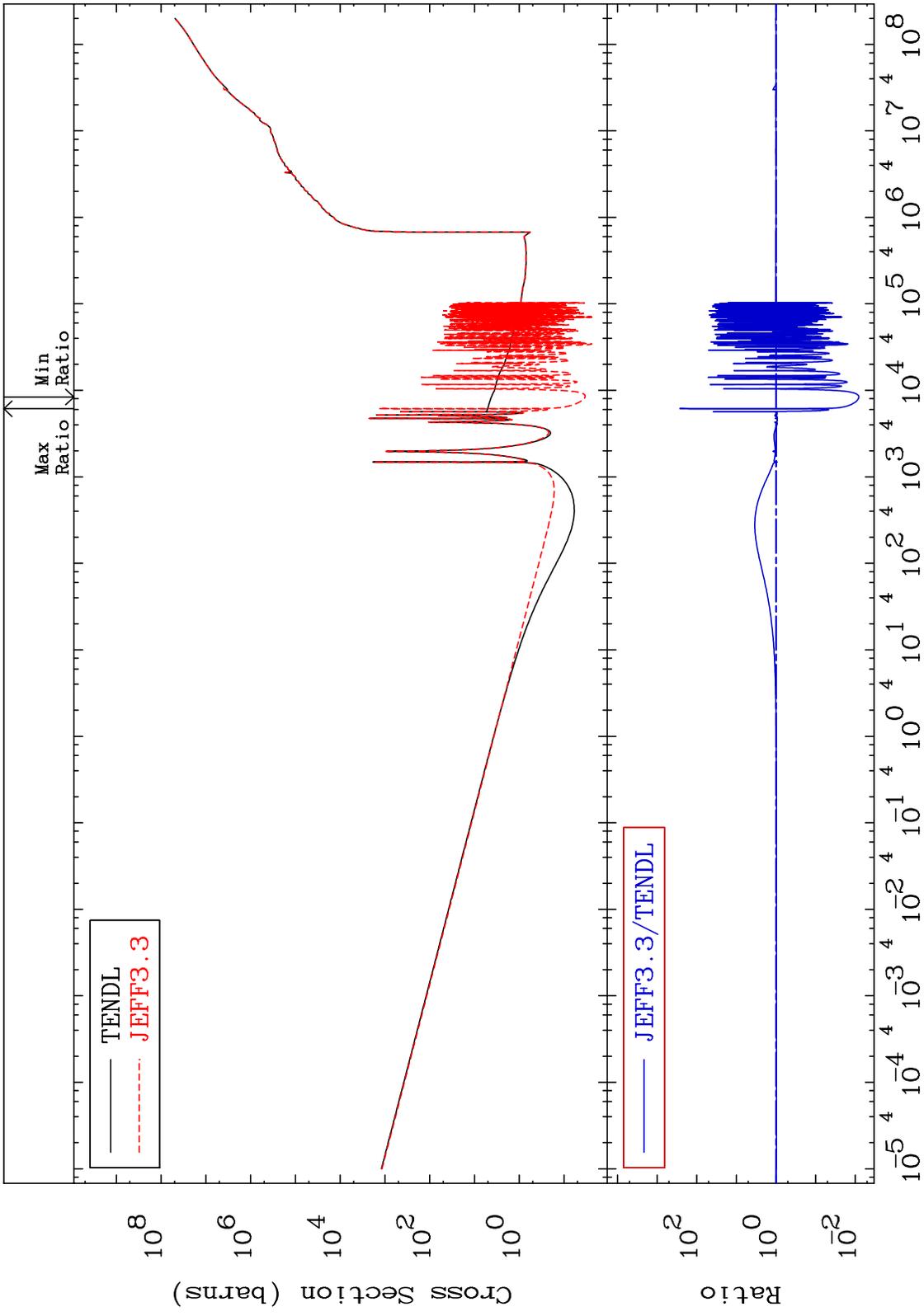


MAT 3443 Kerma total (eV-barns) Cross Section 34-Se-80 -98.63 To 2239. %





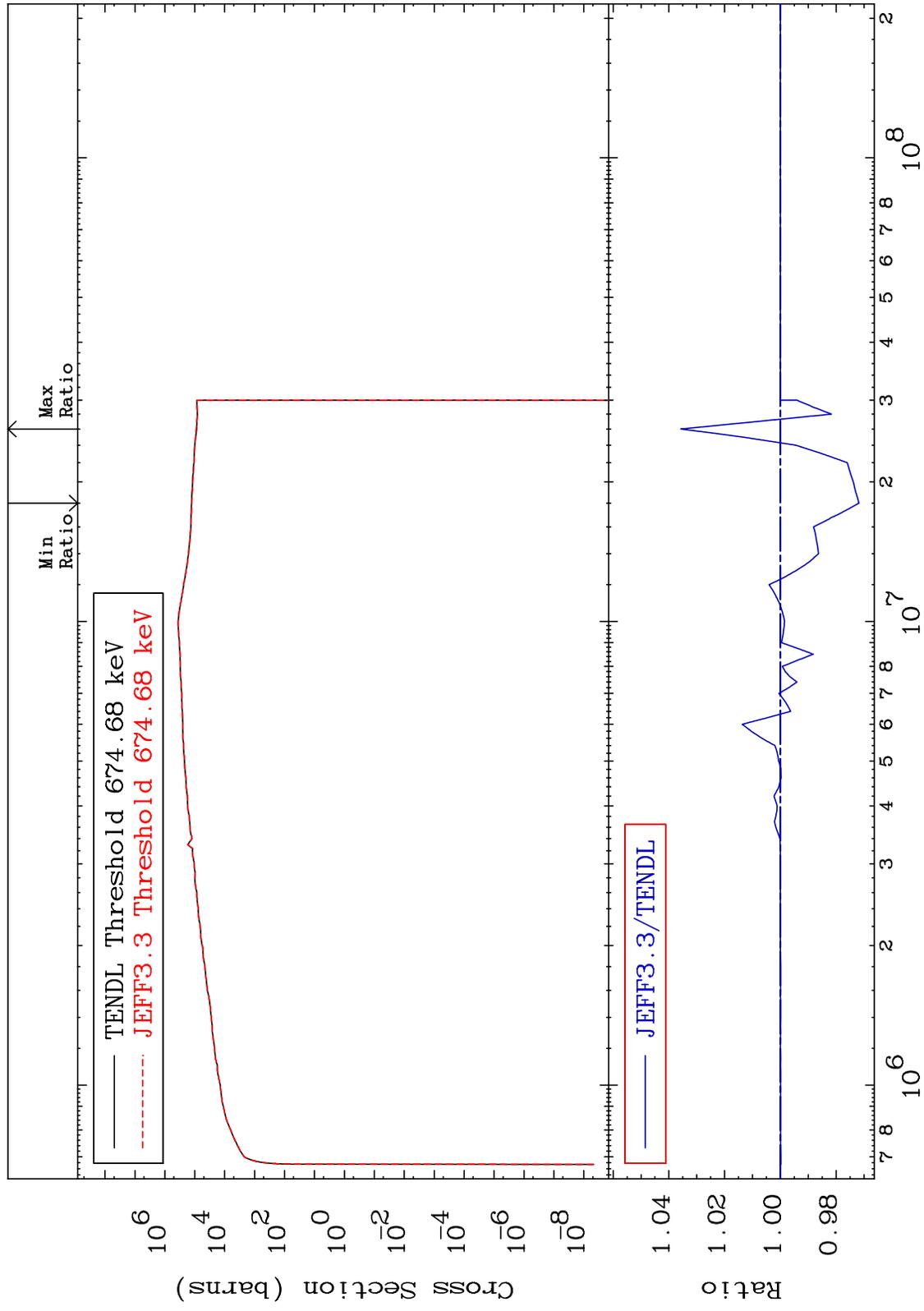
MAT 3443 Kerma non-elastic (all but mt2) 34-Se-80
 Cross Section -99.19 To 9999. %



MAT 3443

Kerma inelastic (mt51-91)
Cross Section

34-Se-80
-2.825 To 3.571 %



57

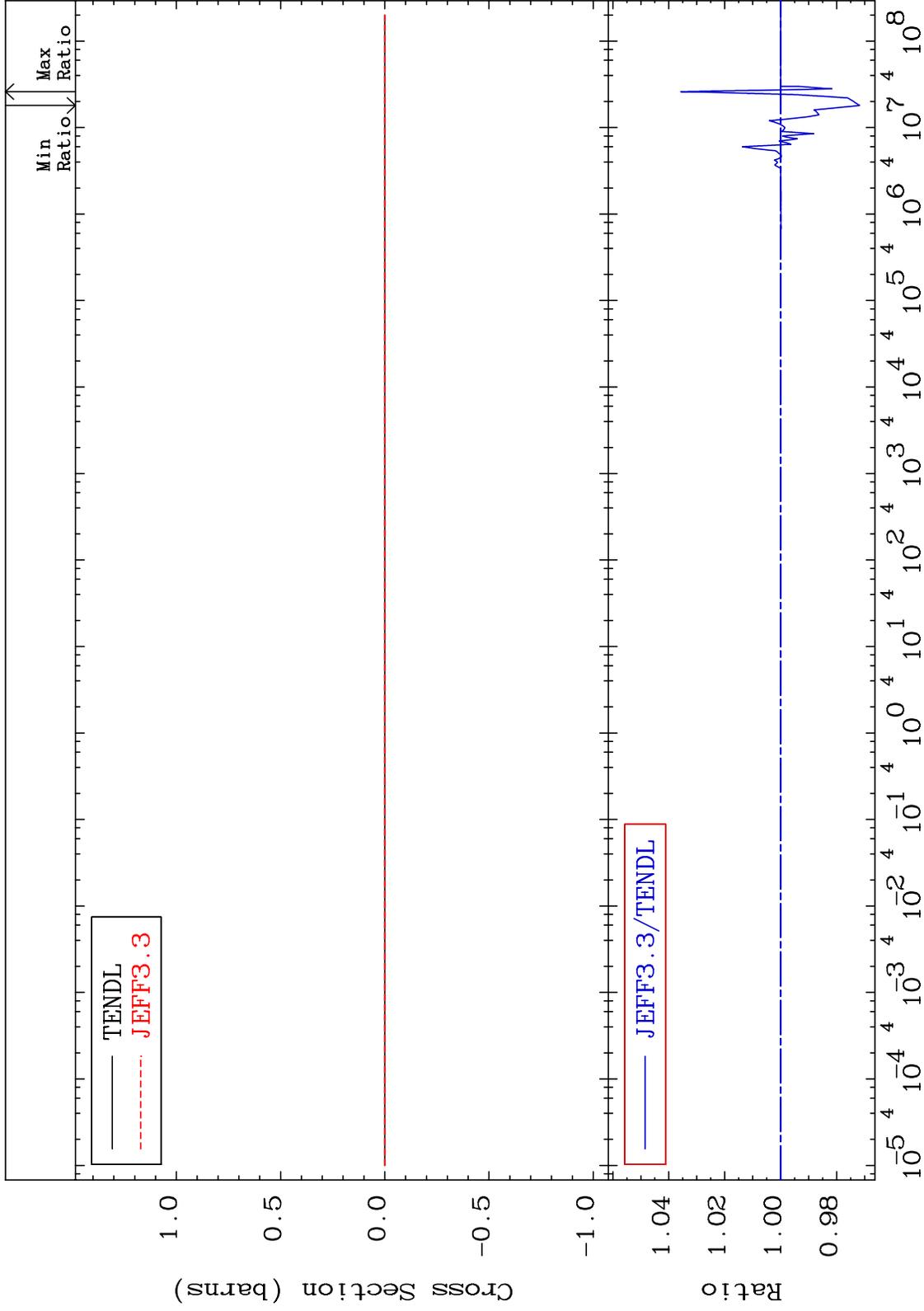
Incident Energy (eV)

34-Se-80

MAT 3443

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

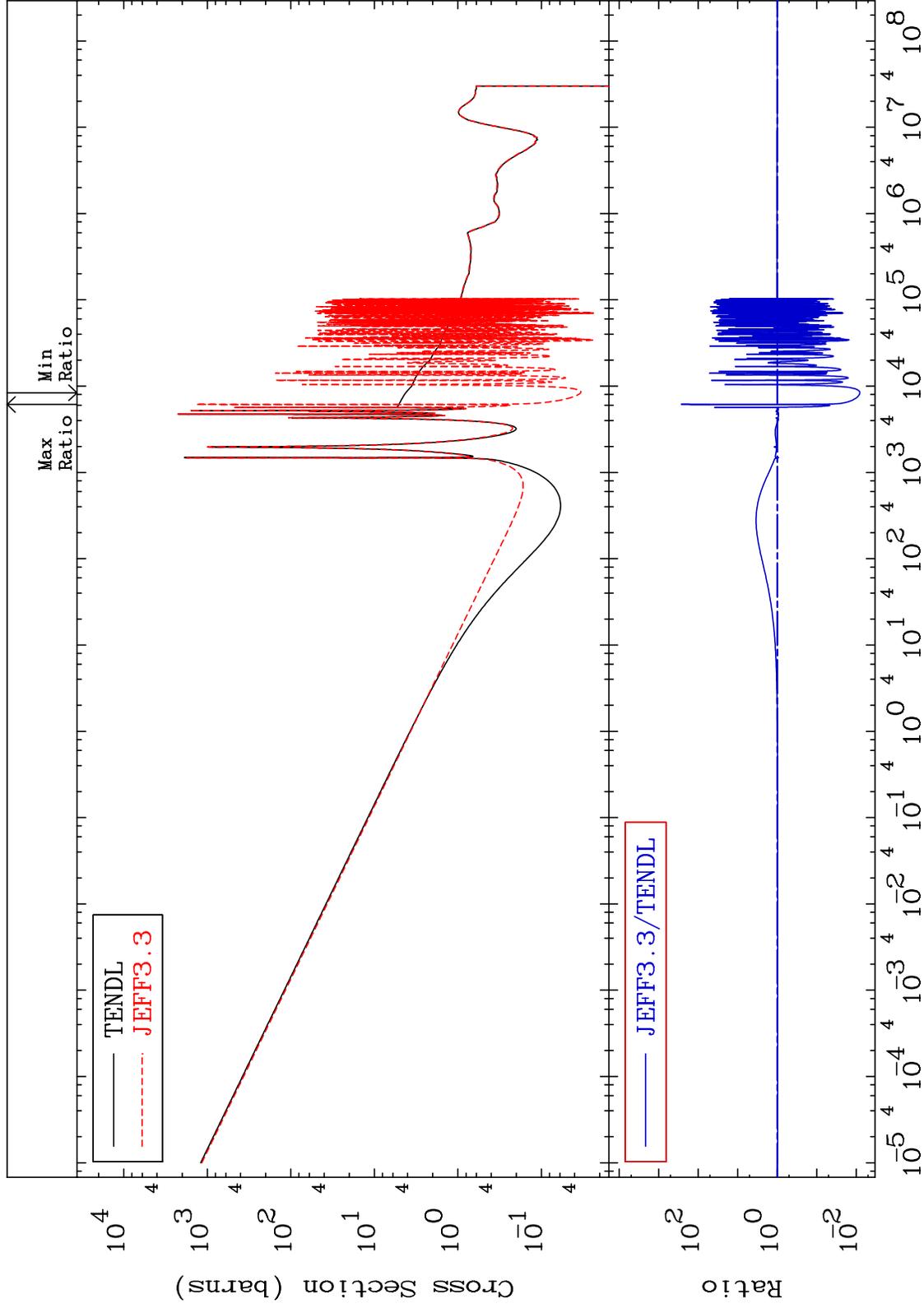
34-Se-80
-2.825 To 3.571 %



MAT 3443

Kerma capture (mt102)
Cross Section

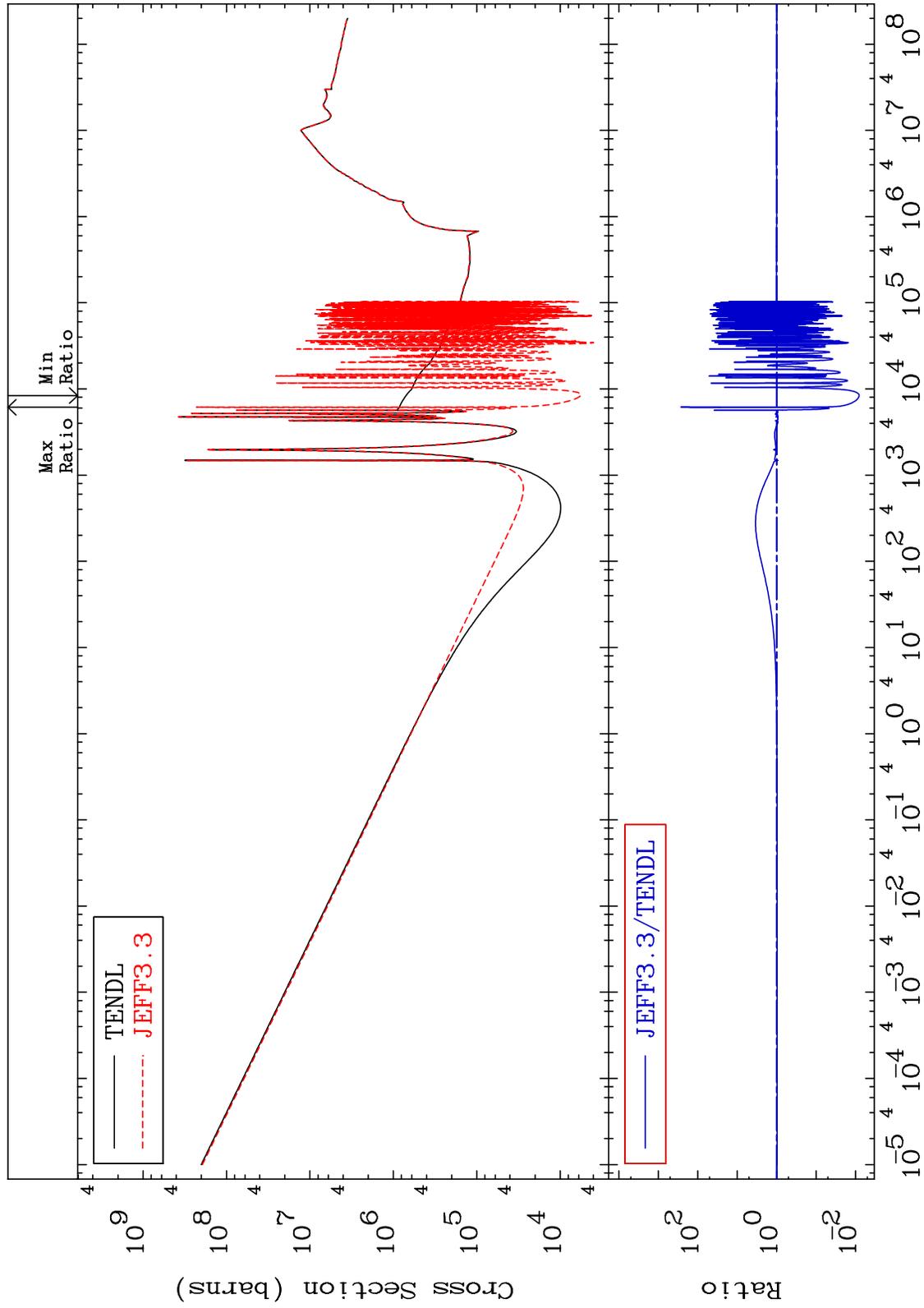
34-Se-80
-99.19 To 9999. %



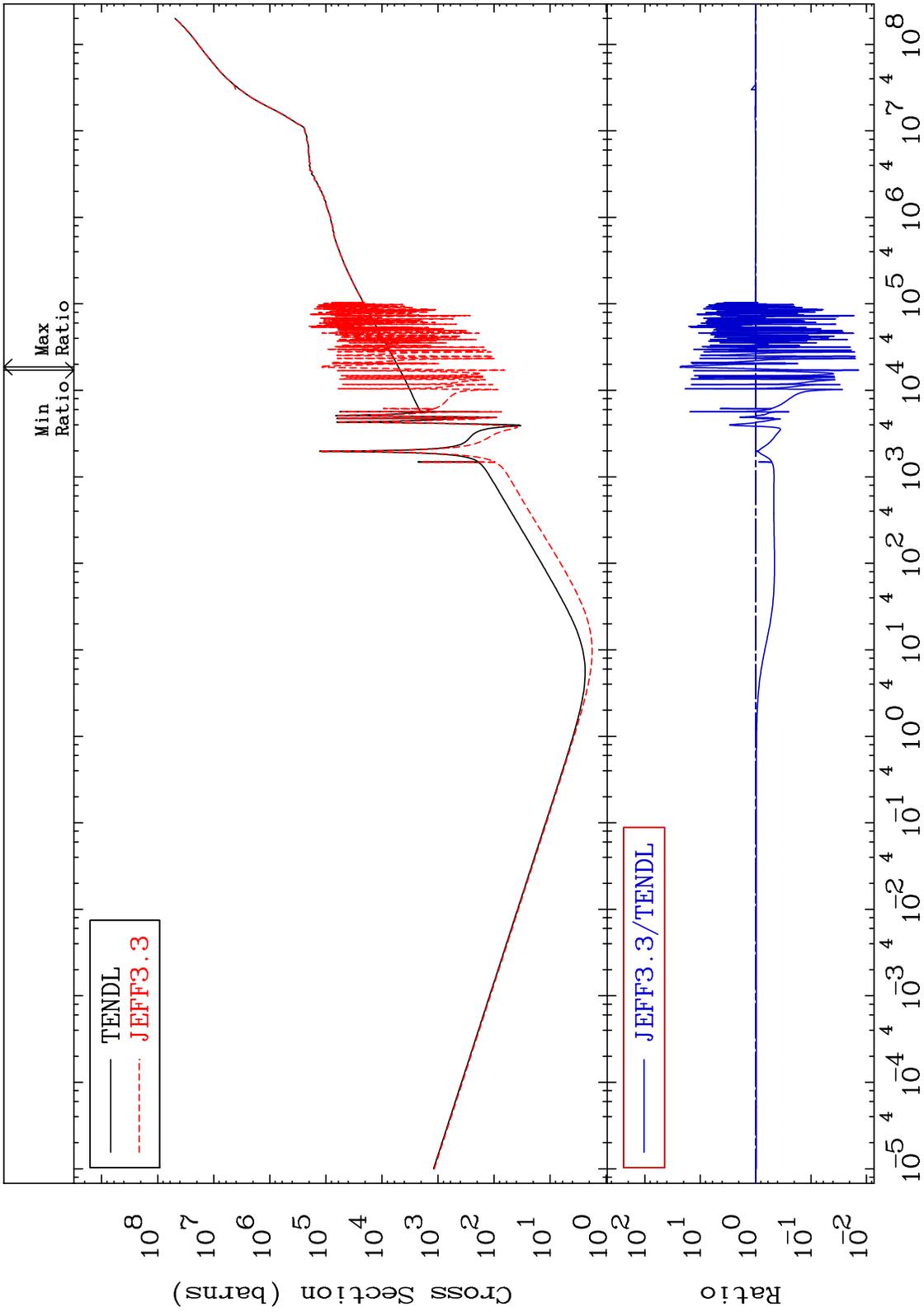
MAT 3443

Total photon (eV-barns)
Cross Section

34-Se-80
-99.19 To 9999. %



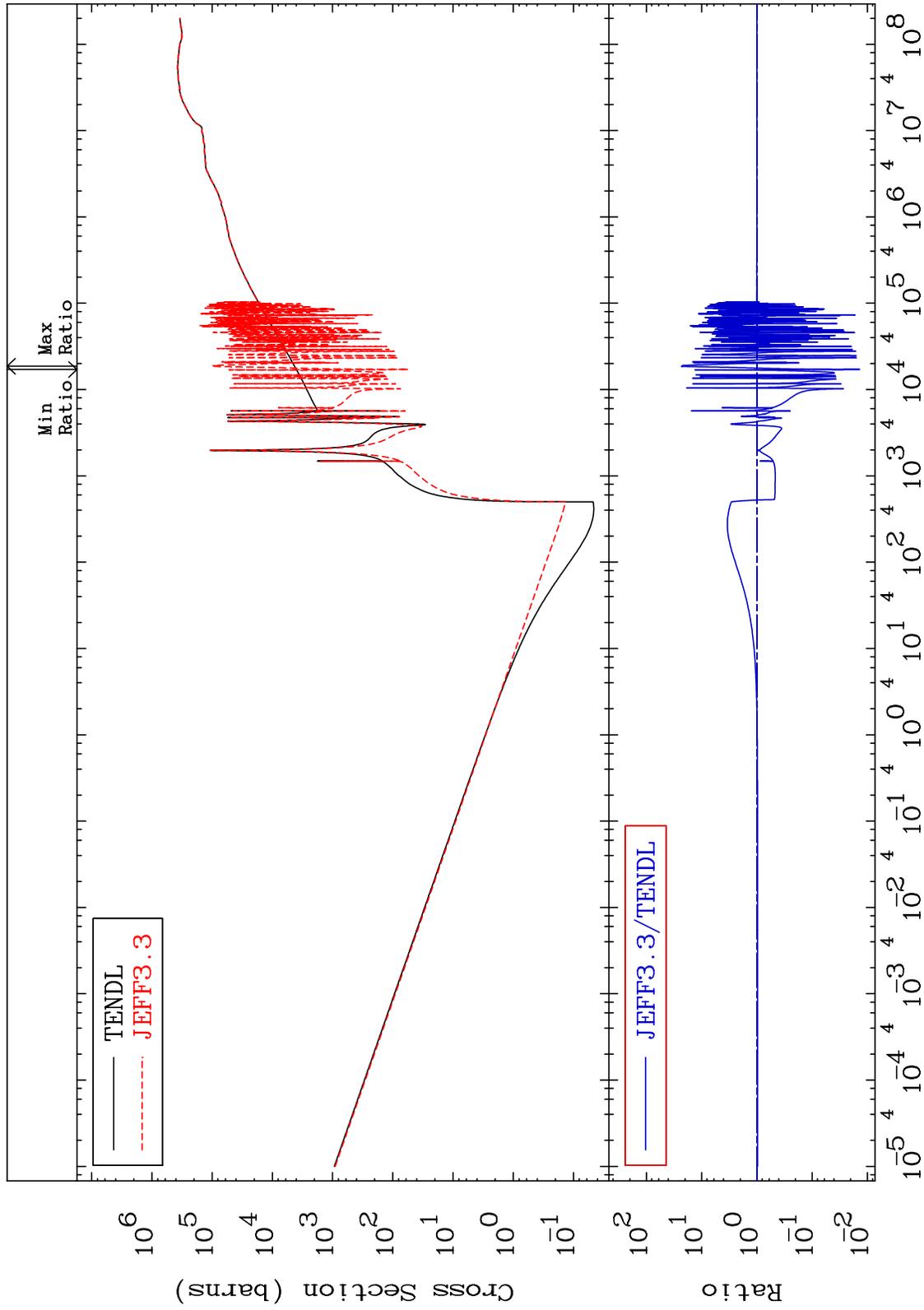
MAT 3443 Total kinematic kerma (high limit) 34-Se-80
 Cross Section -98.63 To 2239. %



MAT 3443

Dpa total (eV-barns)
Cross Section

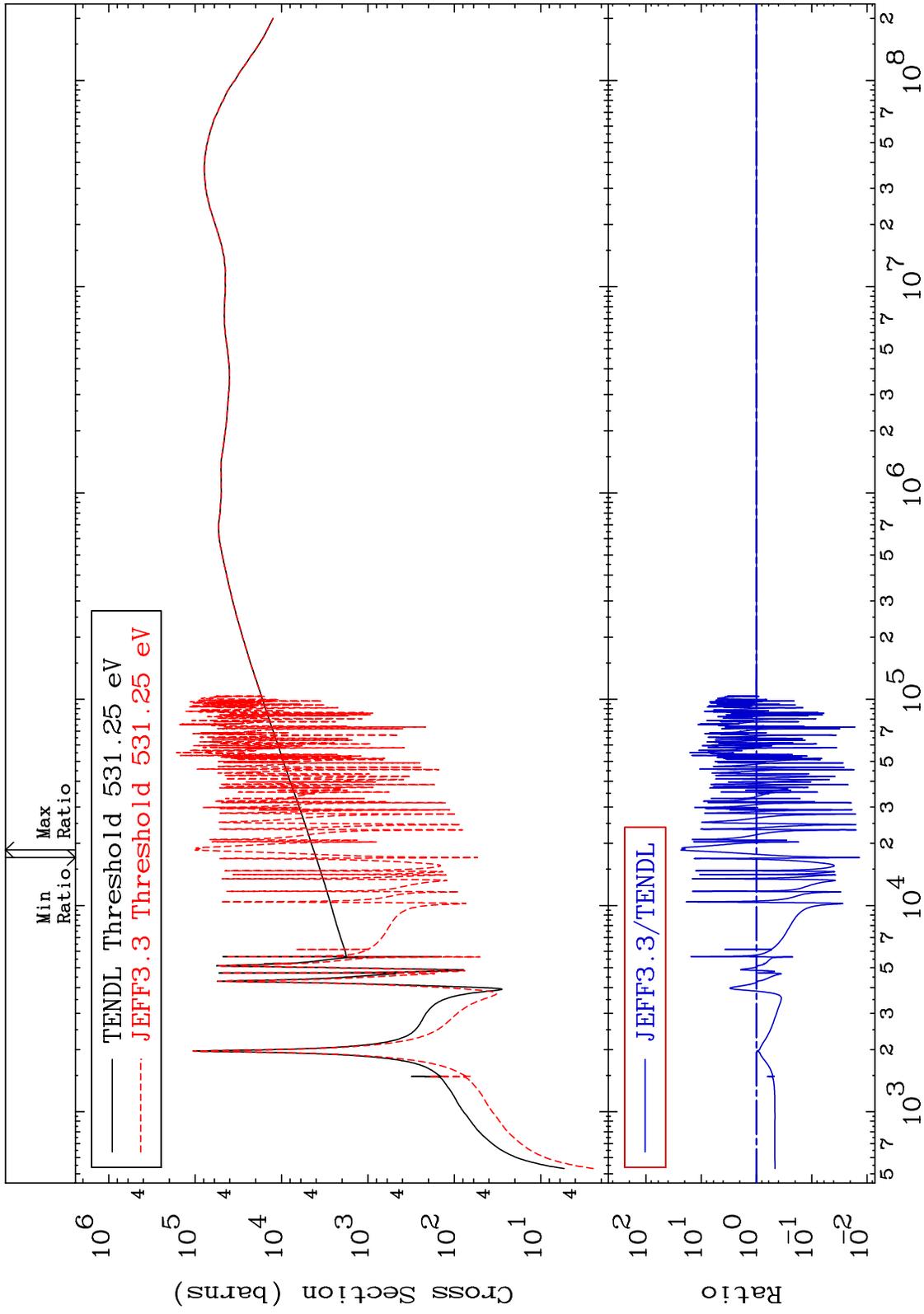
34-Se-80
-98.63 To 2240. %



MAT 3443

Dpa elastic (mt2)
Cross Section

34-Se-80
-98.65 To 2241. %

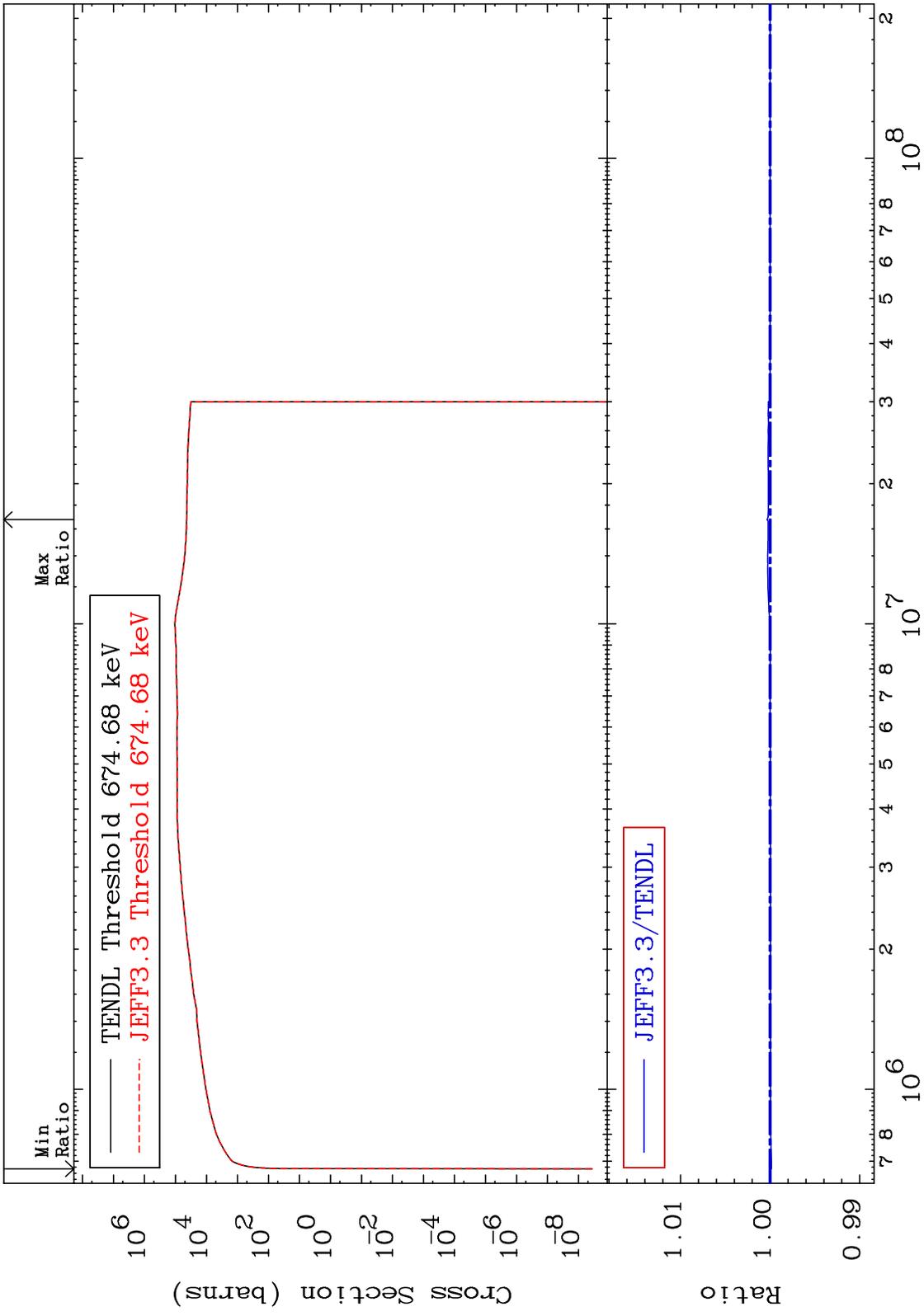


63

34-Se-80

34-Se-80

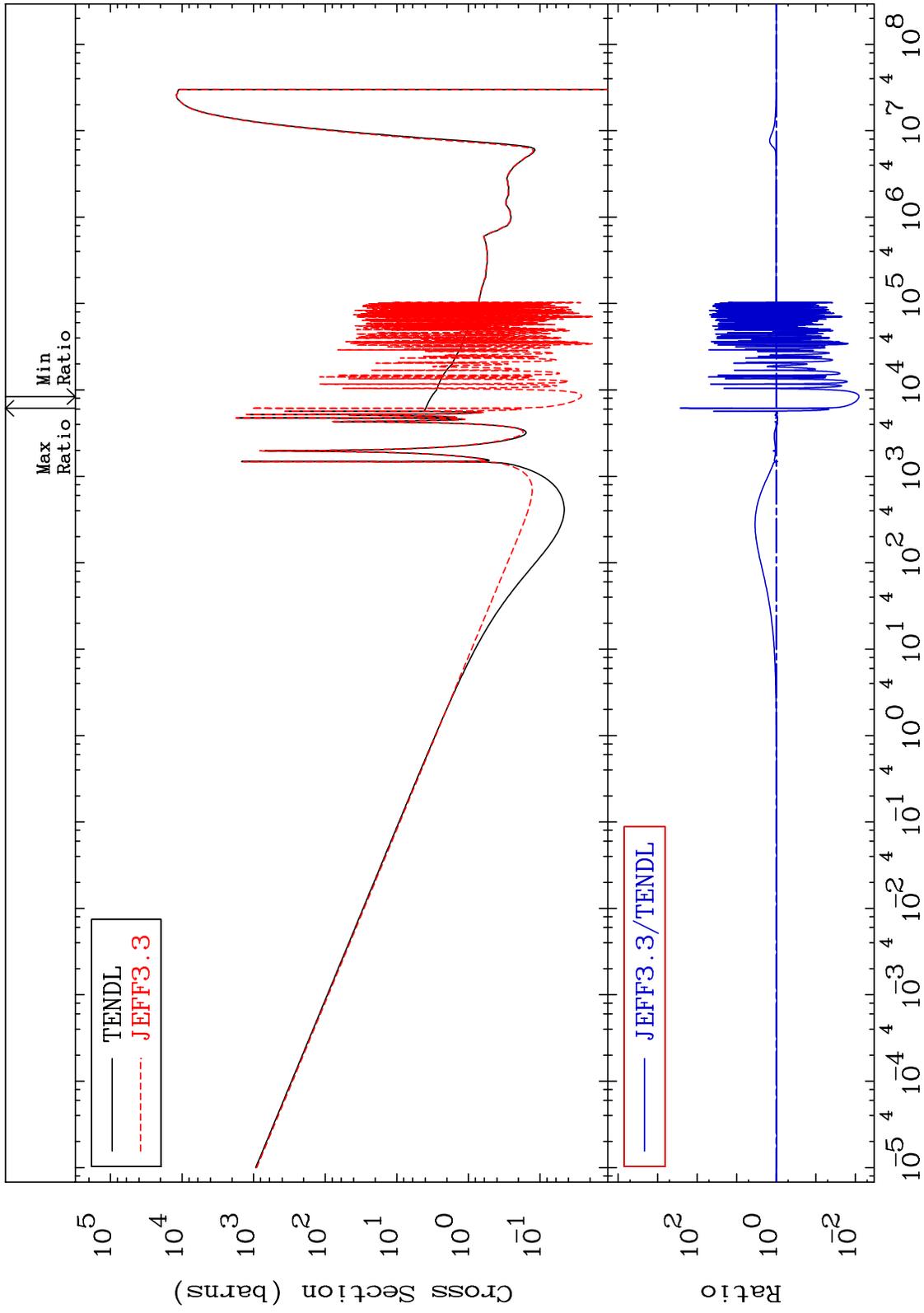
MAT 3443 Dpa inelastic (mt51-91) 34-Se-80
 Cross Section -0.014 To 0.034 %



MAT 3443

Dpa disappearance (mt102 -120)
Cross Section

34-Se-80
-99.19 To 9999. %

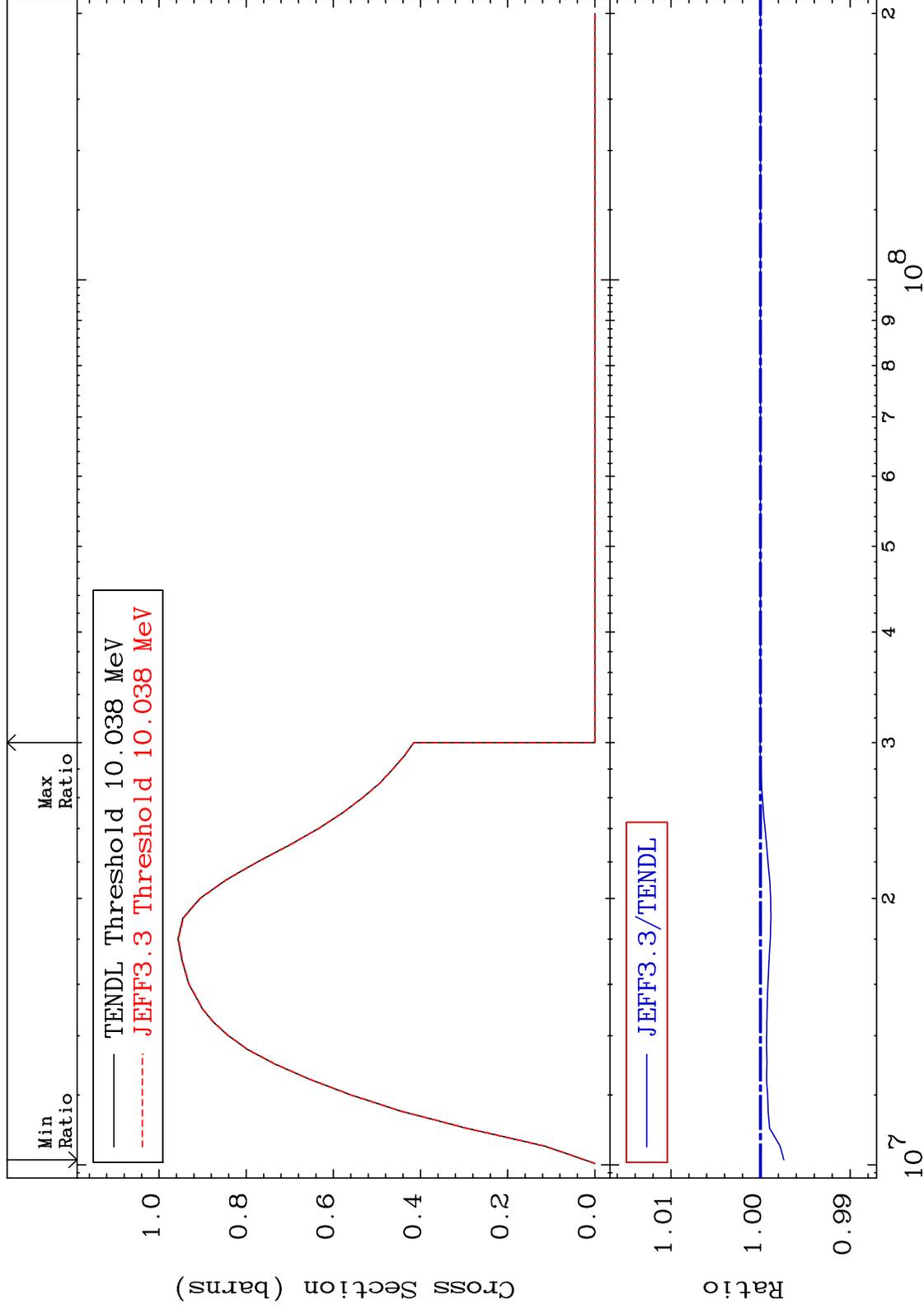


MAT 3443

(n,2n):34-Se-79g

34-Se-80

Radionuclide Production Cross Section -0.260 To 0.005 %



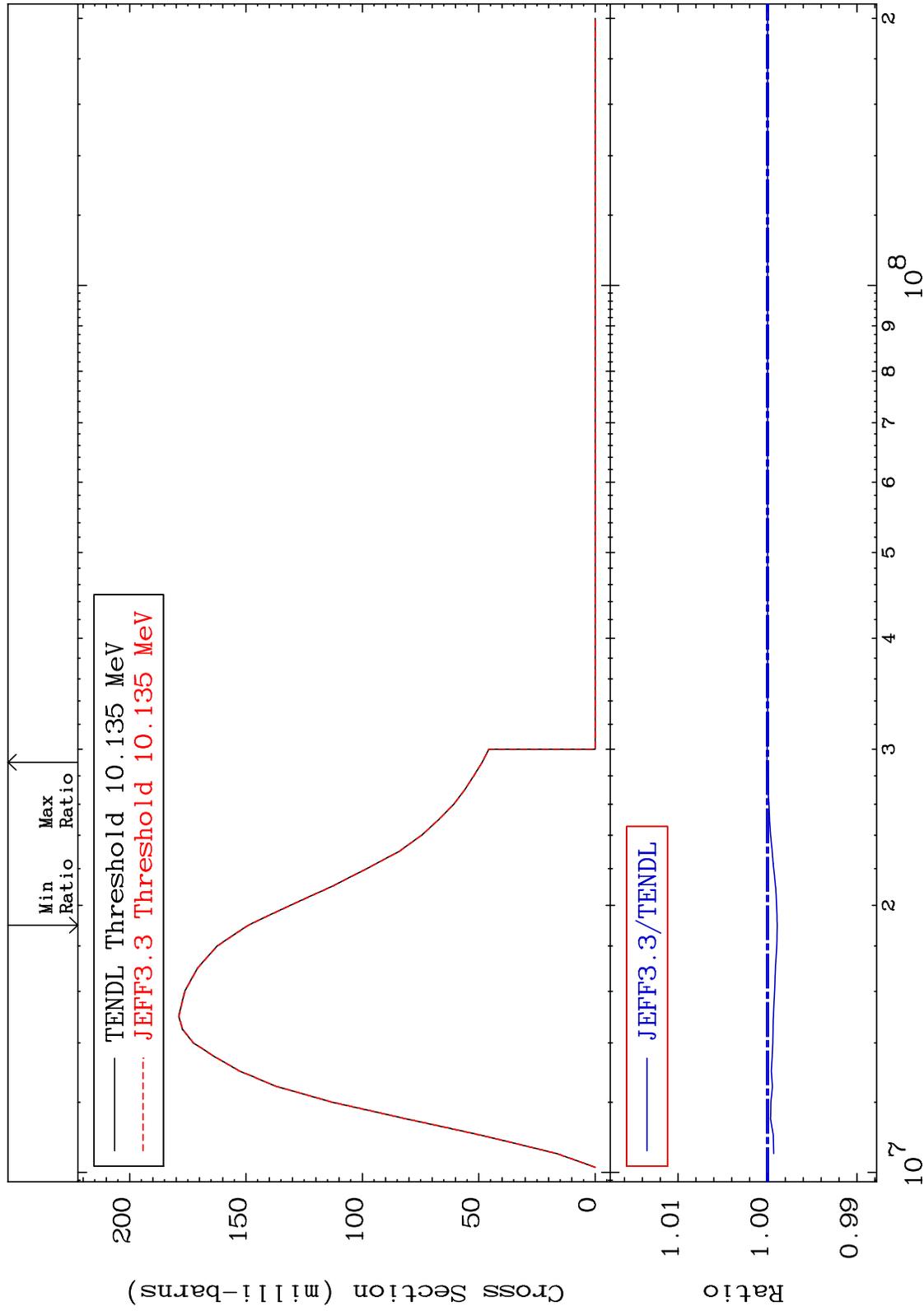
66

MAT 3443

(n,2n):34-Se-79m1

34-Se-80

Radionuclide Production Cross Section -0.109 To 0.007 %

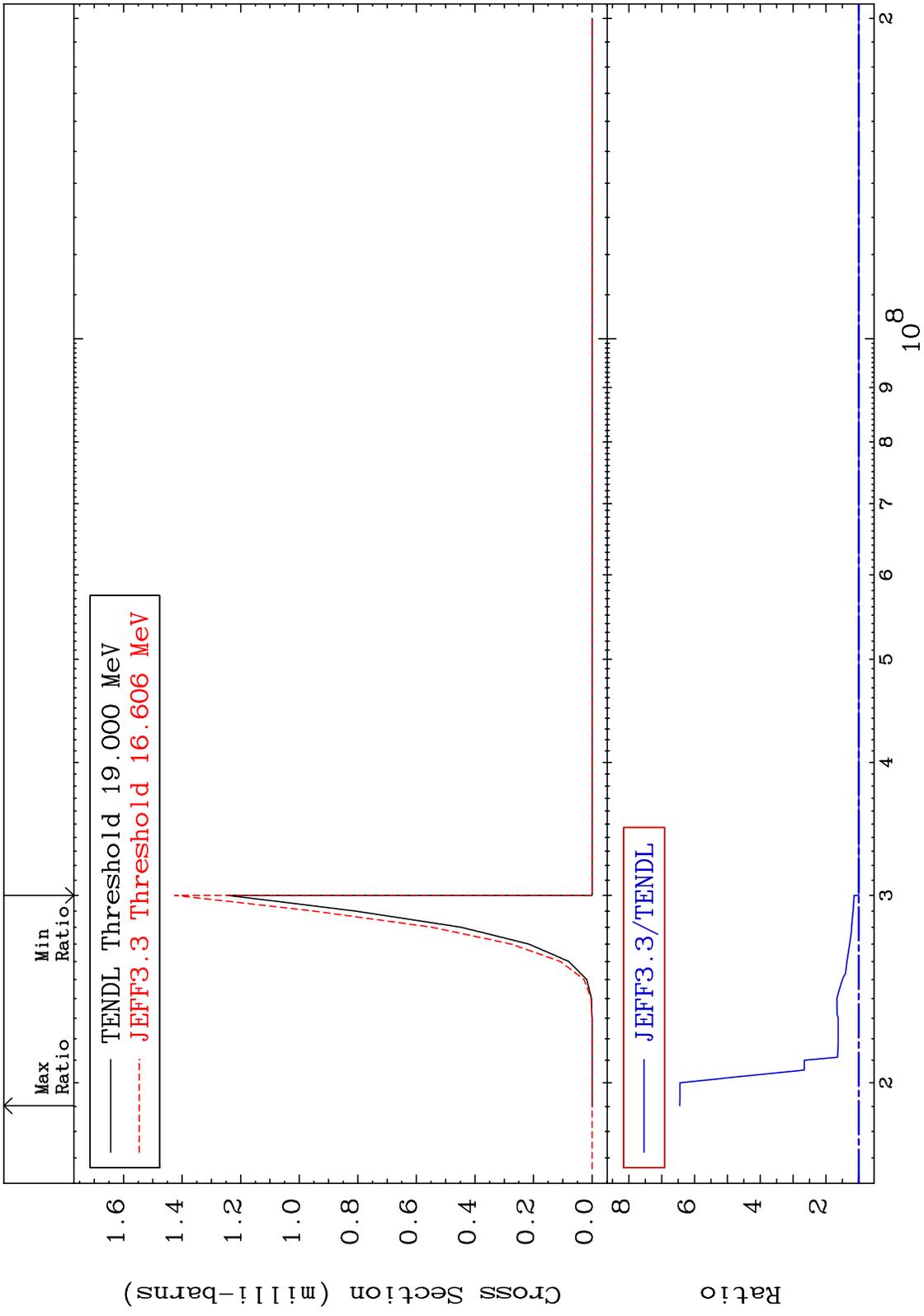


67

Incident Energy (eV)

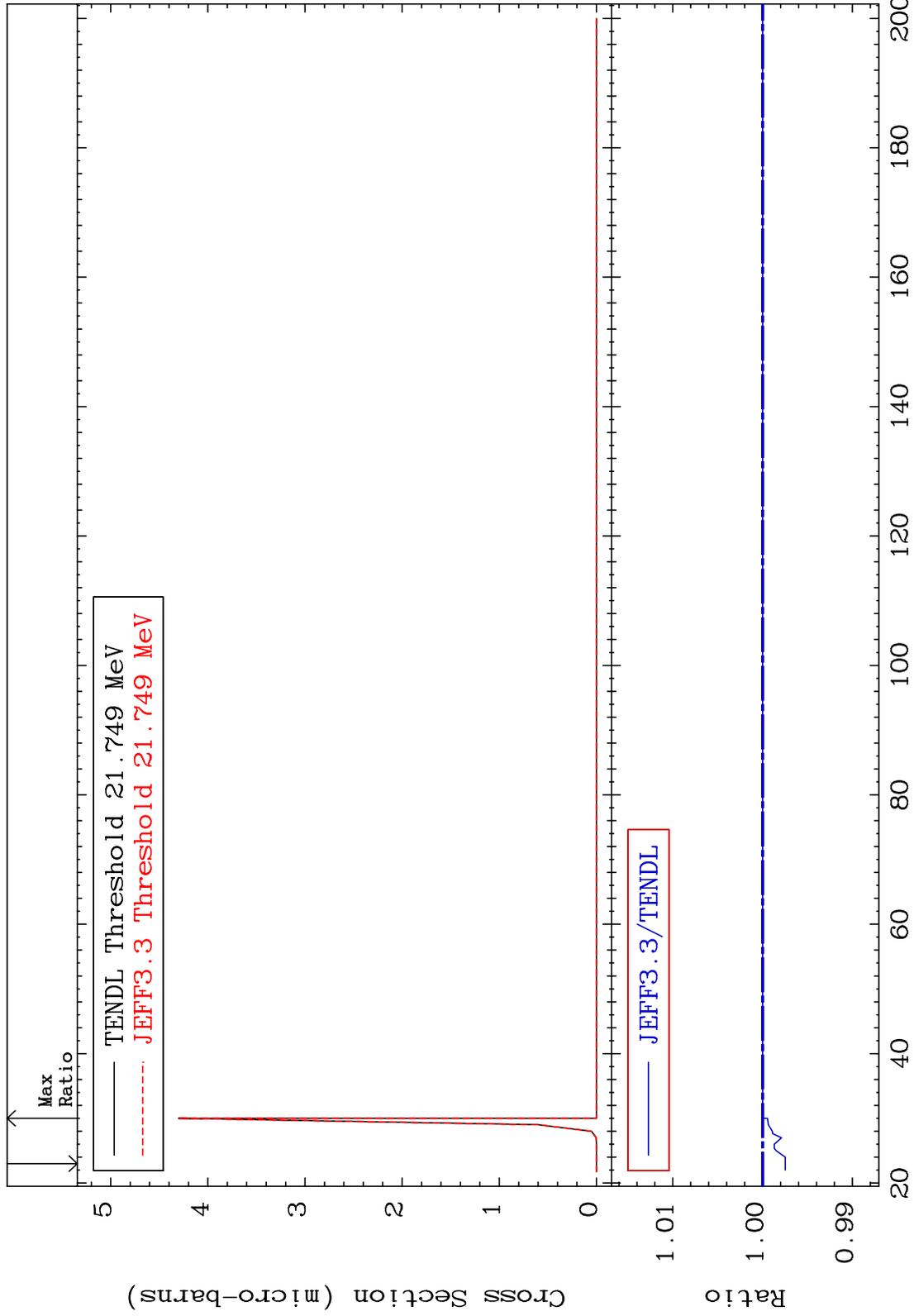
34-Se-80

MAT 3443 (n,2n) α : 32-Ge-75g 34-Se-80
 Radionuclide Production Cross Section 0.000 To 545.0 %



MAT 3443

(n, n') He-3:32-Ge-77g 34-Se-80
Radionuclide Production Cross Section -0.251 To 0.000 %



70

Incident Energy (MeV)

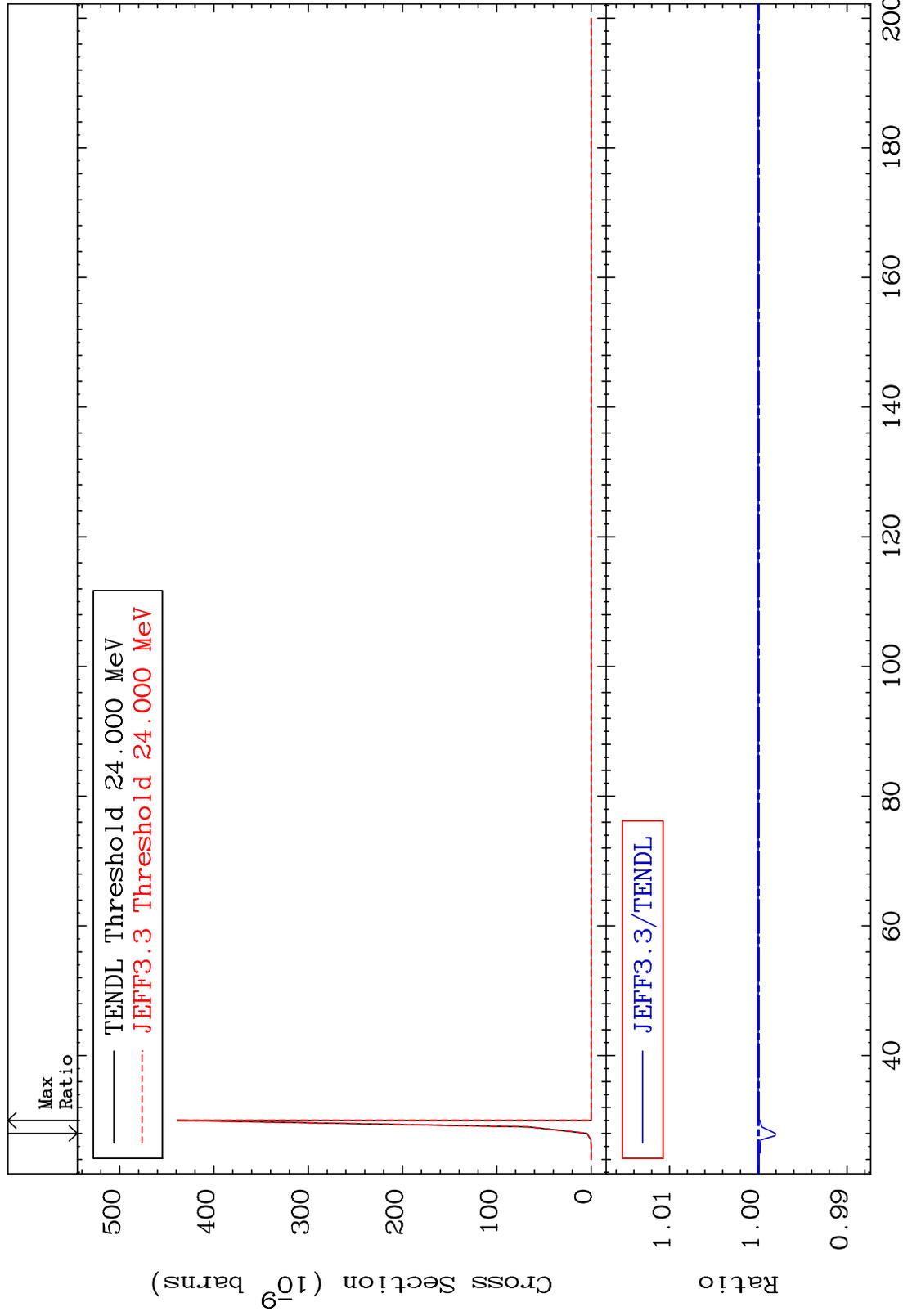
34-Se-80

MAT 3443

(n,n') He-3:32-Ge-77m1

34-Se-80

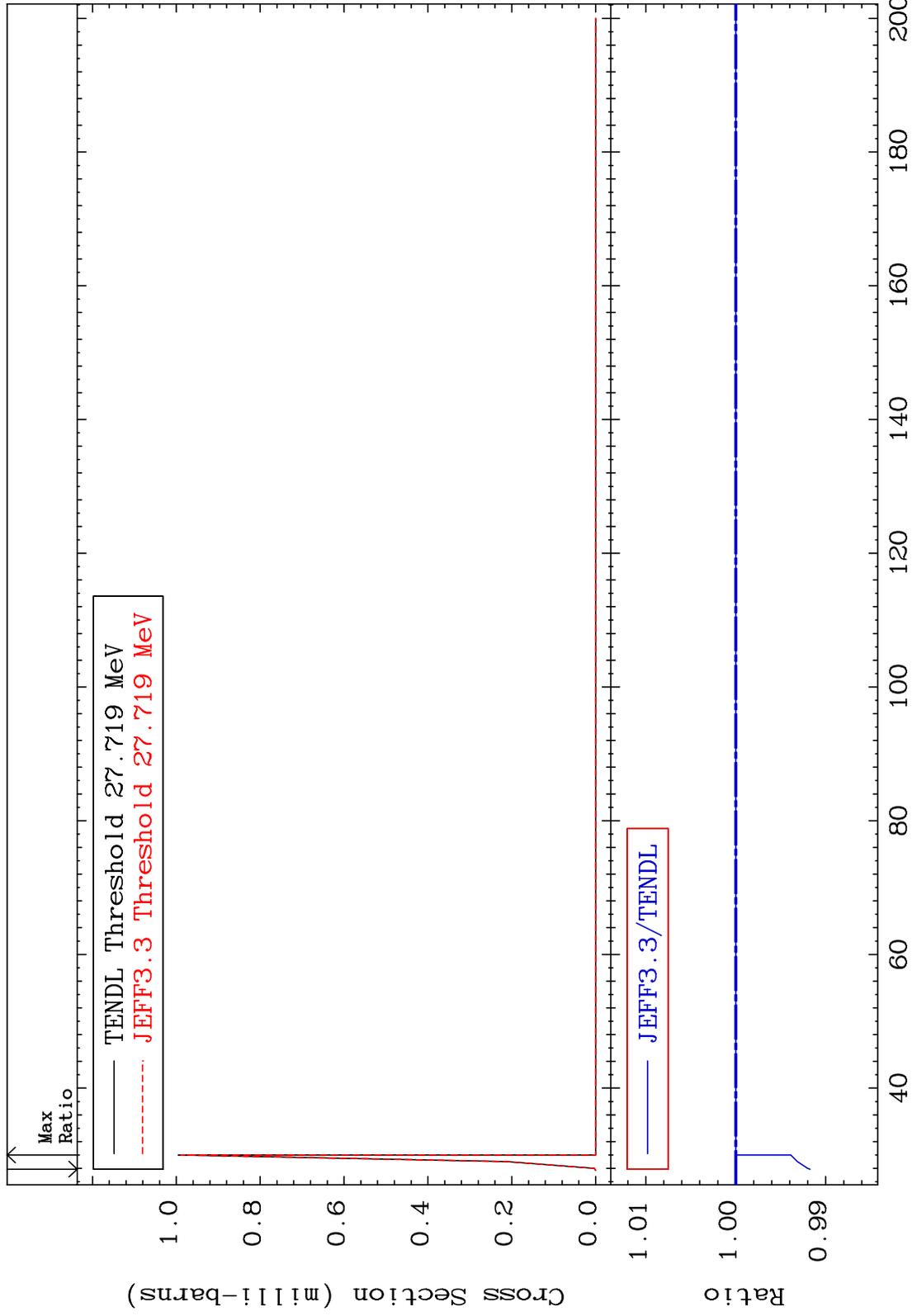
Radionuclide Production Cross Section -0.192 To 0.000 %



MAT 3443

34-Se-80

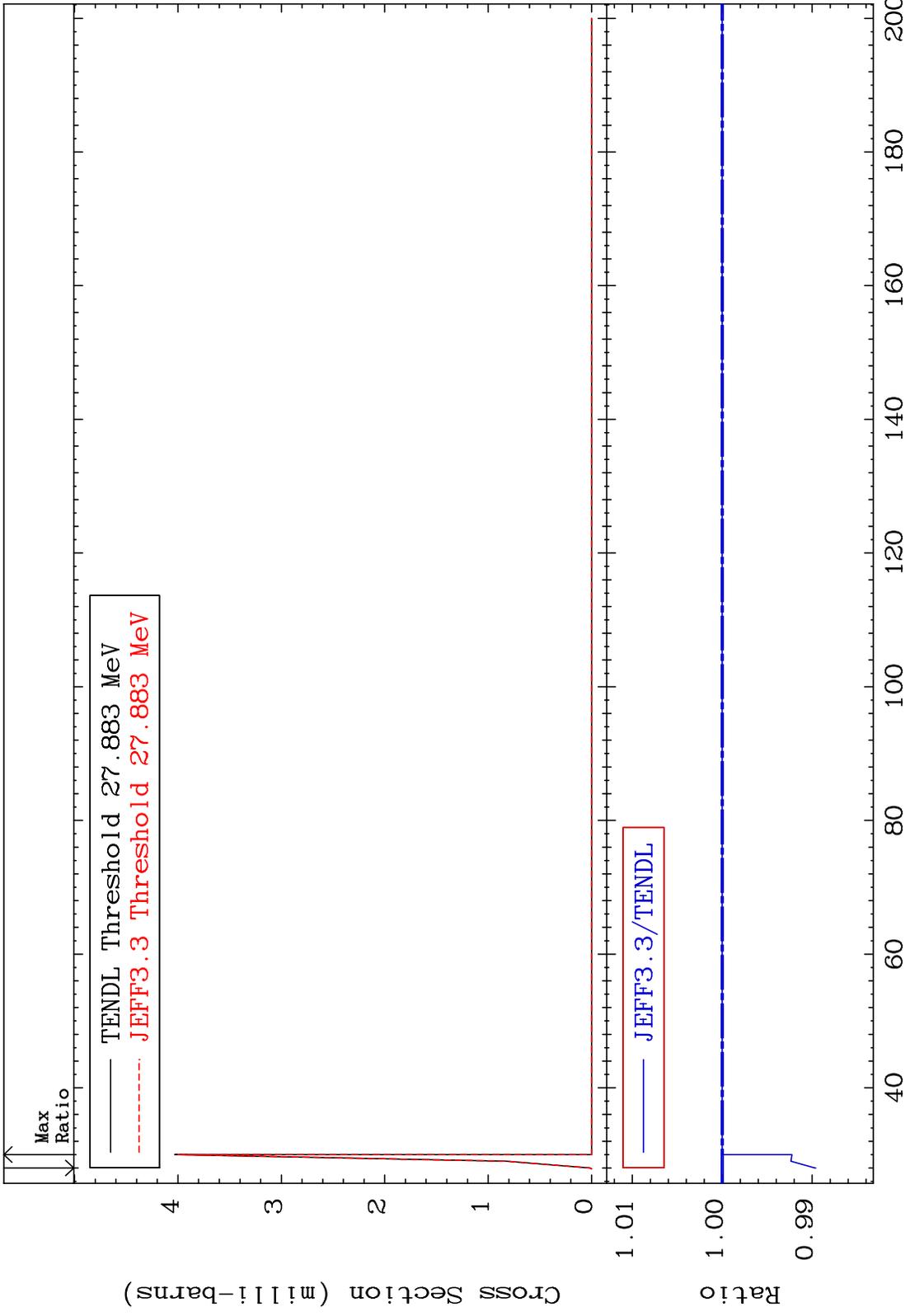
(n,4n):34-Se-77g
Radionuclide Production Cross Section -0.826 To 0.000 %

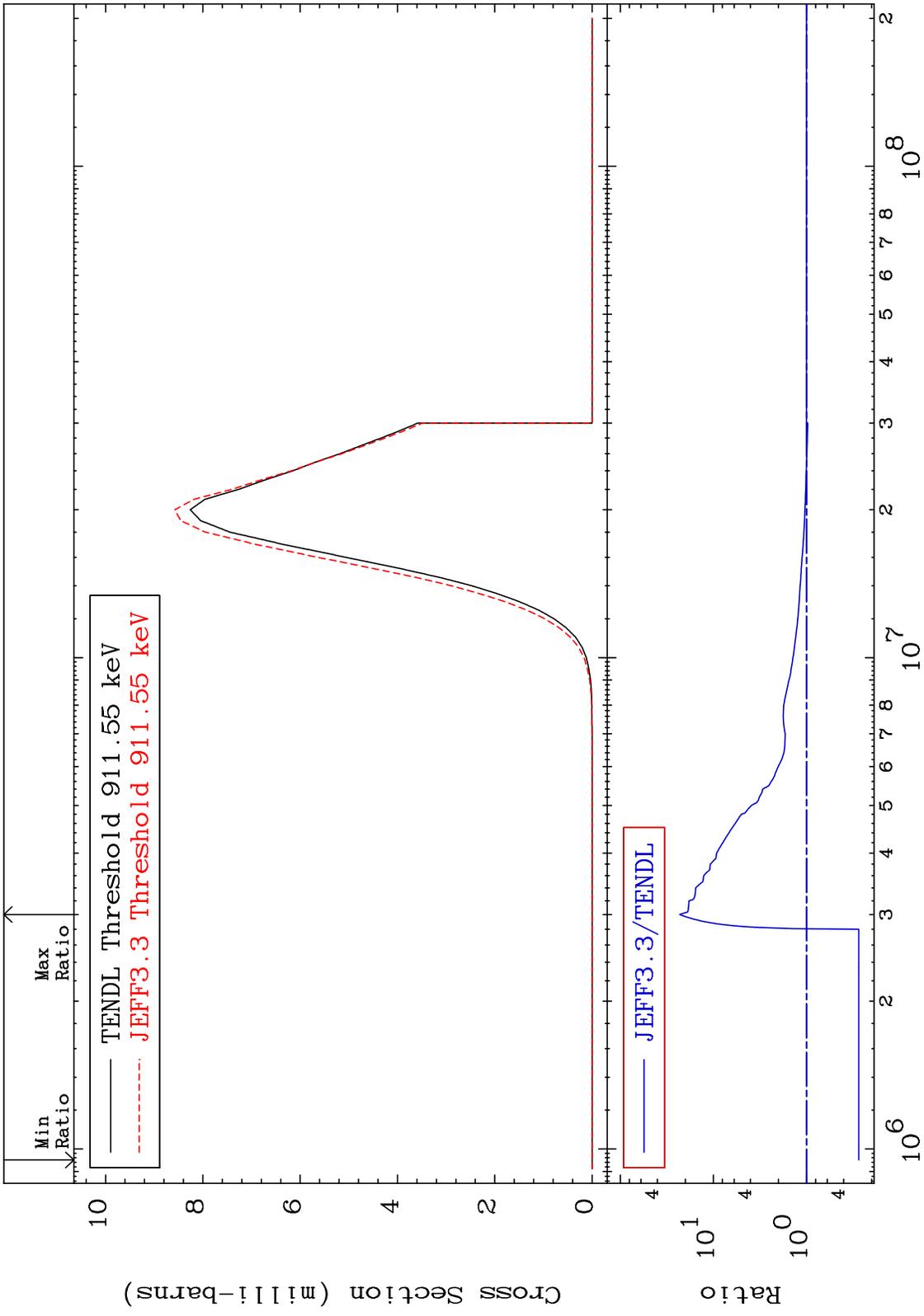


72

34-Se-80

MAT 3443 (n,4n):34-Se-77m1 34-Se-80
 Radionuclide Production Cross Section -1.031 To 0.000 %



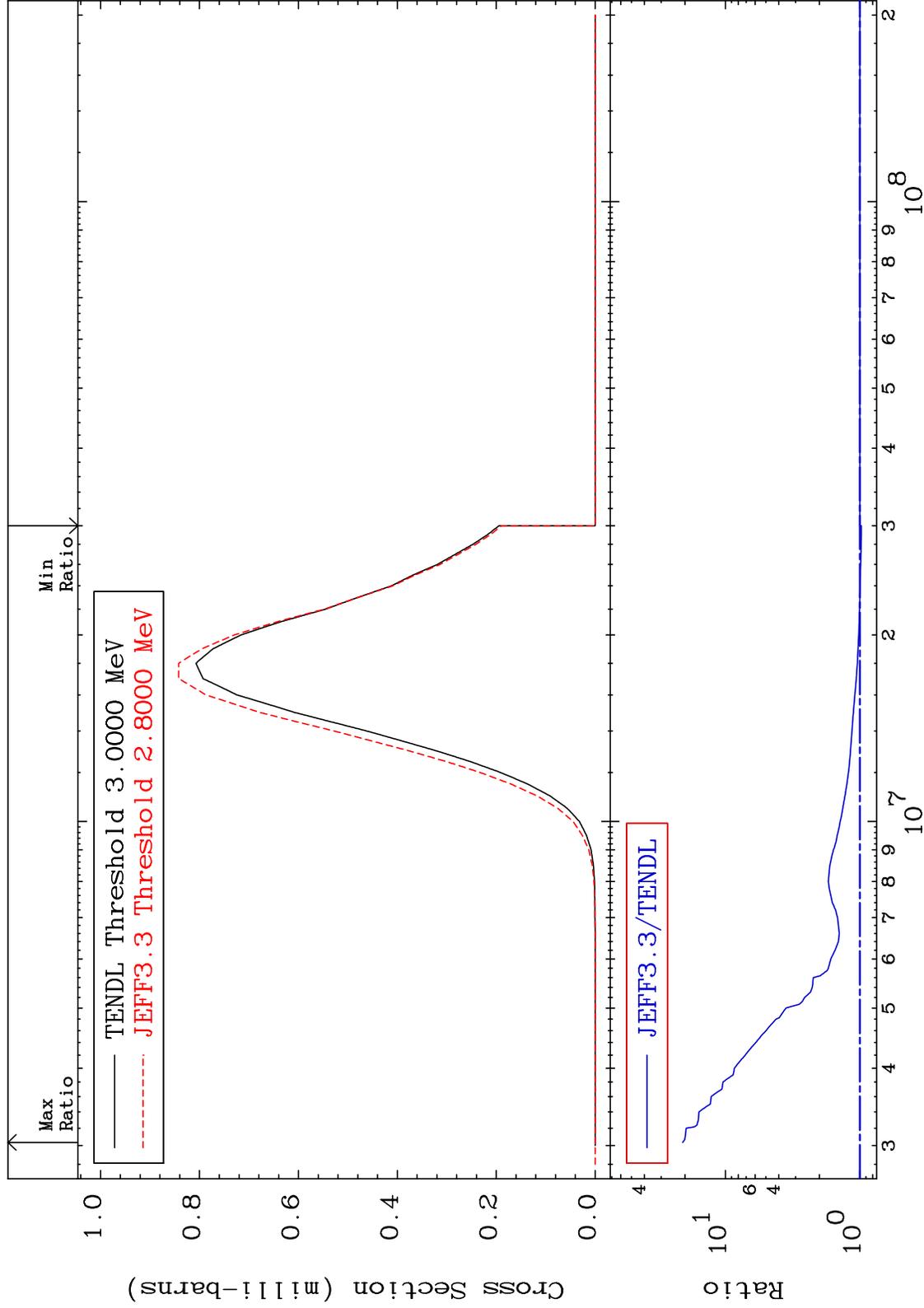


MAT 3443

(n, α): 32-Ge-77m1

34-Se-80

Radionuclide Production Cross Section -2.753 To 1979. %



75

Incident Energy (eV)

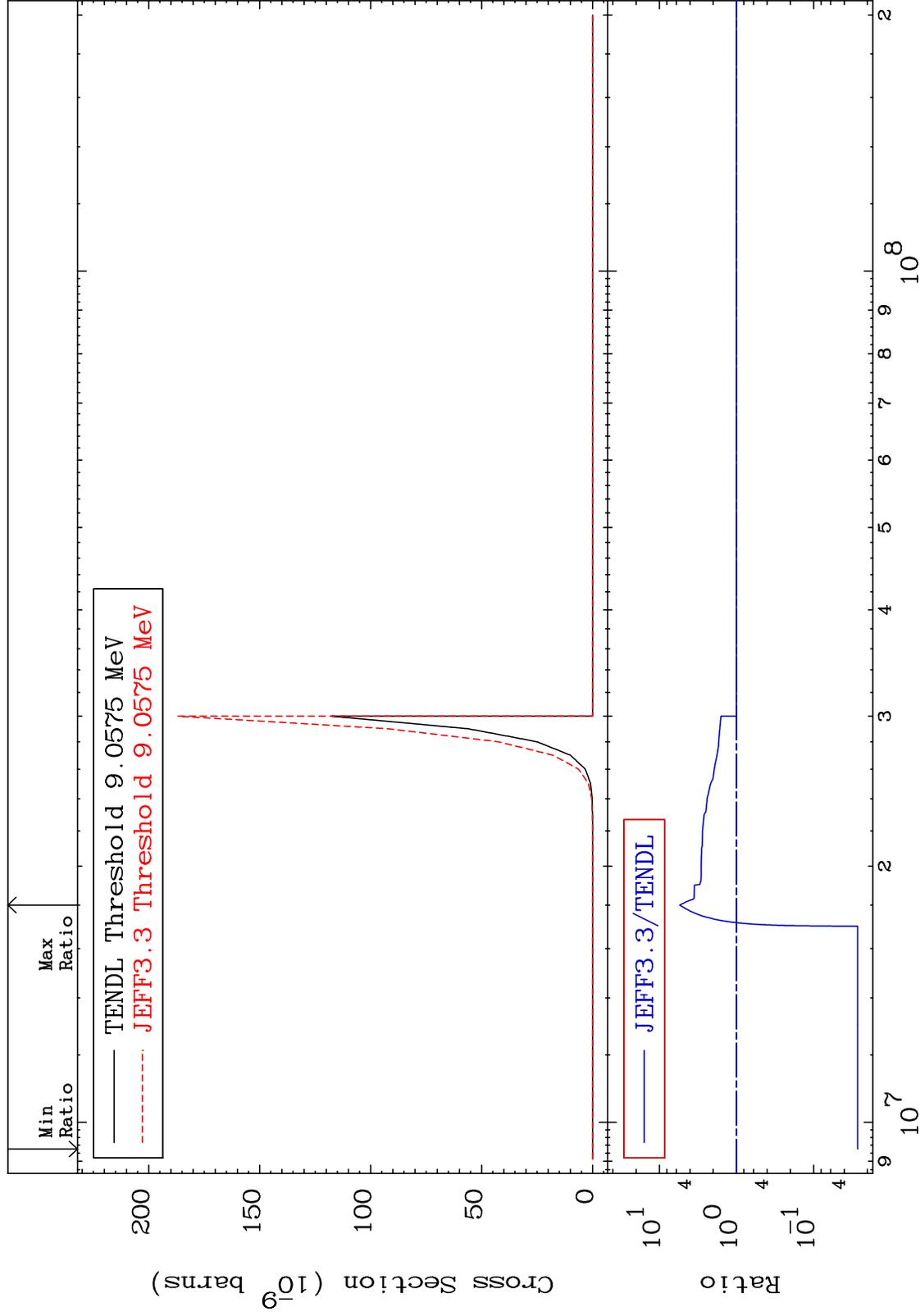
34-Se-80

MAT 3443

(n,2α):30-Zn-73g

34-Se-80

Radionuclide Production Cross Section -97.32 To 444.5 %



76

Incident Energy (eV)

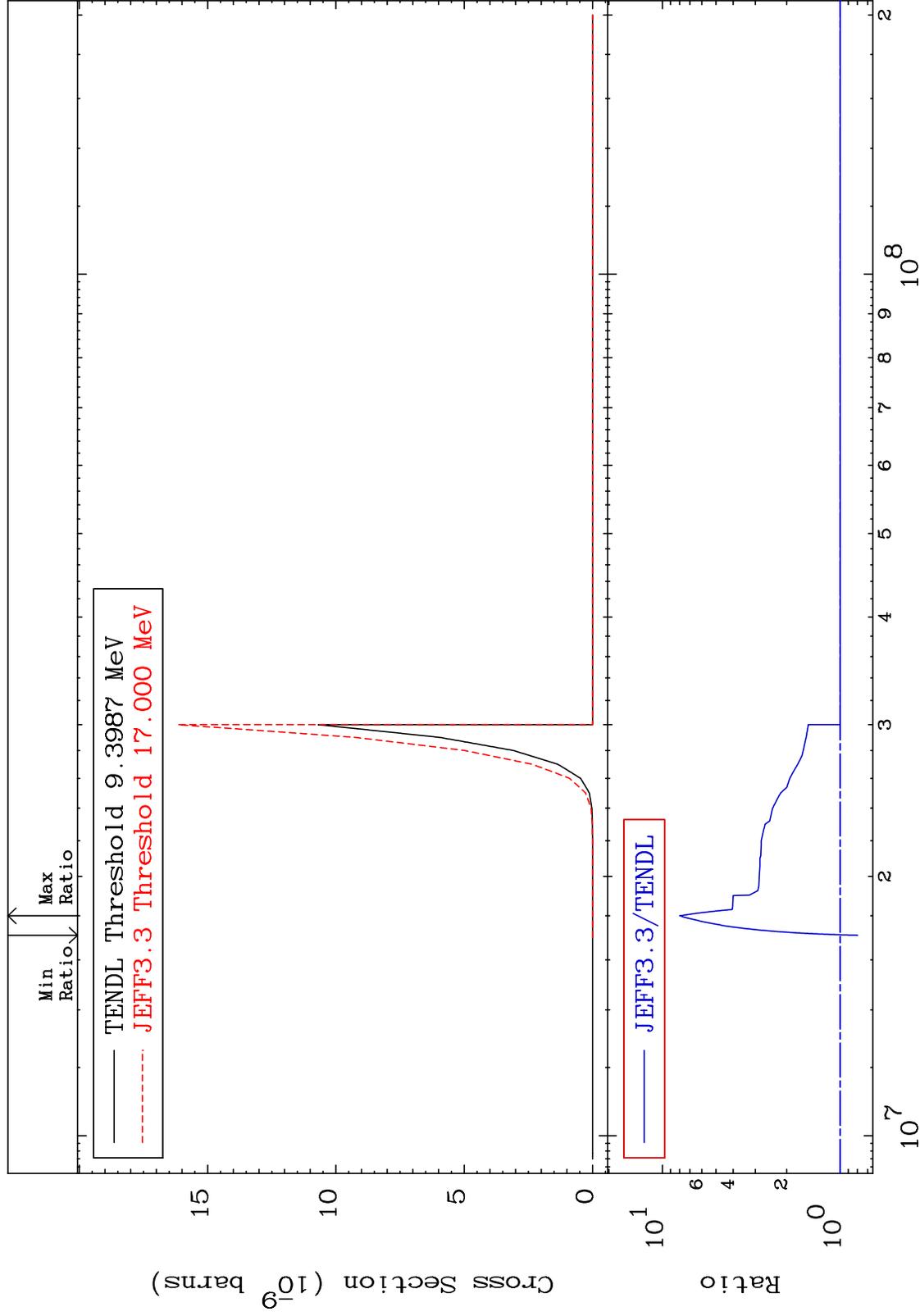
34-Se-80

MAT 3443

(n,2α):30-Zn-73m3

34-Se-80

Radionuclide Production Cross Section -20.30 To 698.9 %



77

Incident Energy (eV)

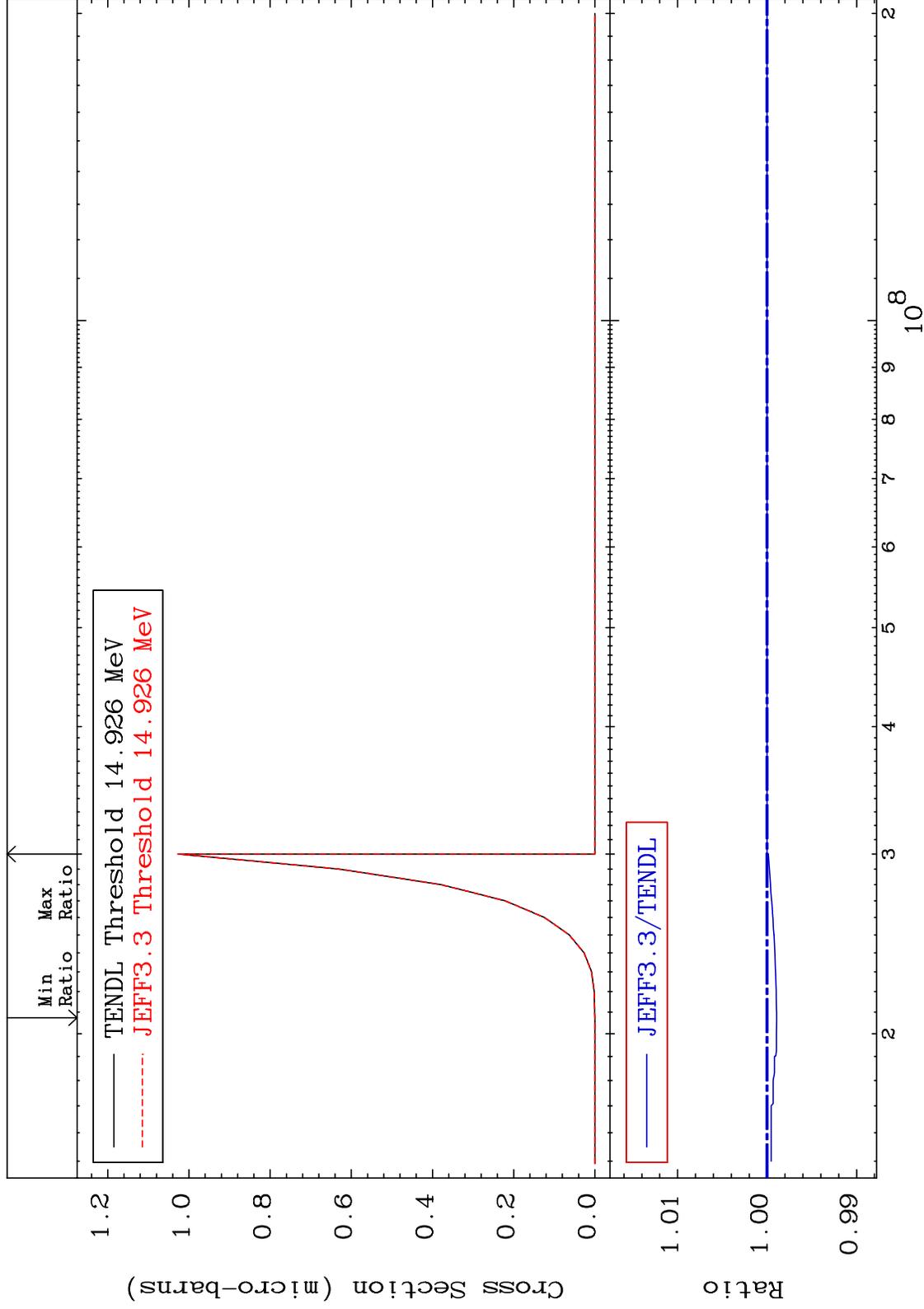
34-Se-80

MAT 3443

(n,2p) : 32-Ge-79g

34-Se-80

Radionuclide Production Cross Section -0.107 To 0.000 %



78

Incident Energy (eV)

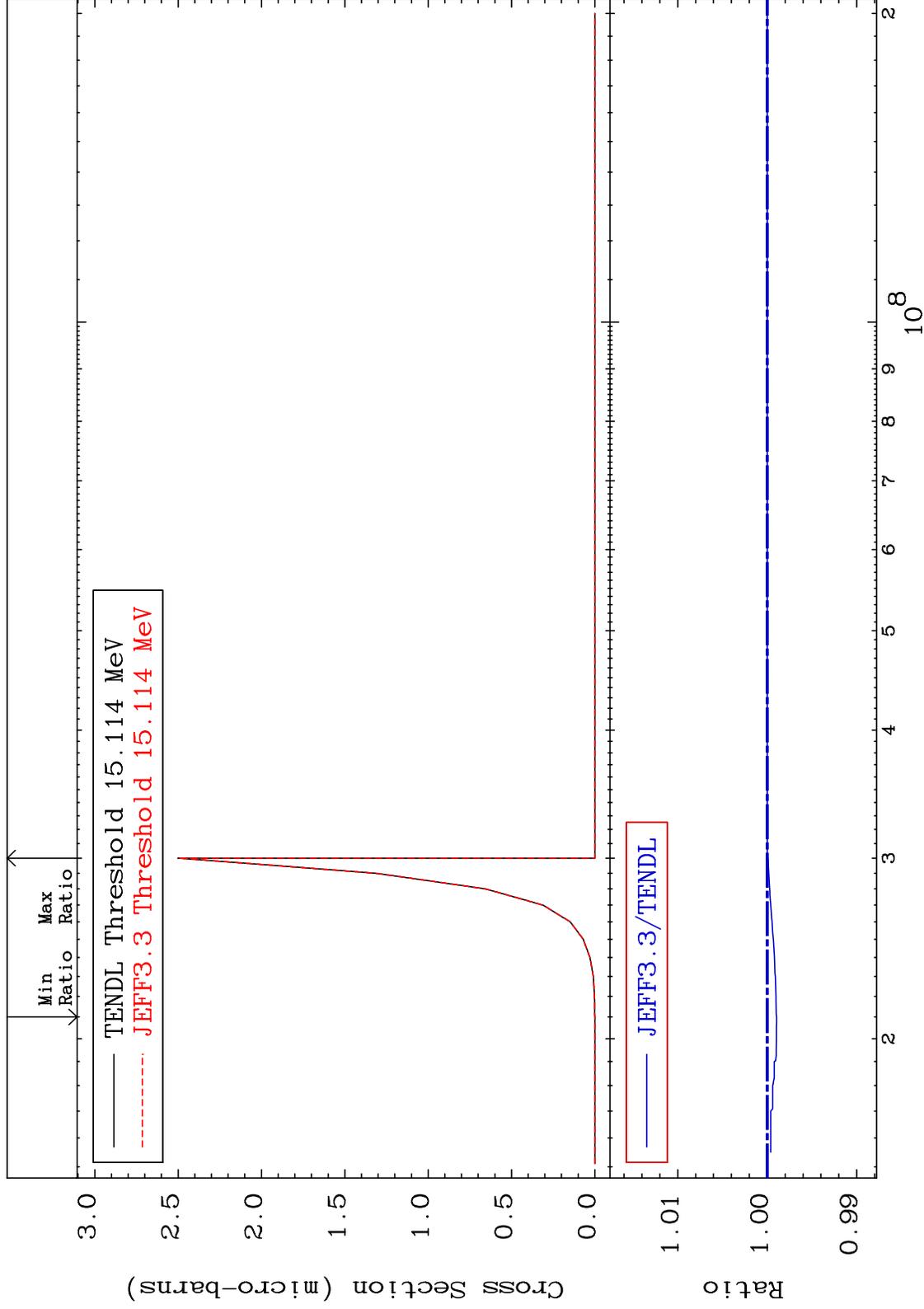
34-Se-80

MAT 3443

(n,2p):32-Ge-79m1

34-Se-80

Radionuclide Production Cross Section -0.104 To 0.000 %



79

Incident Energy (eV)

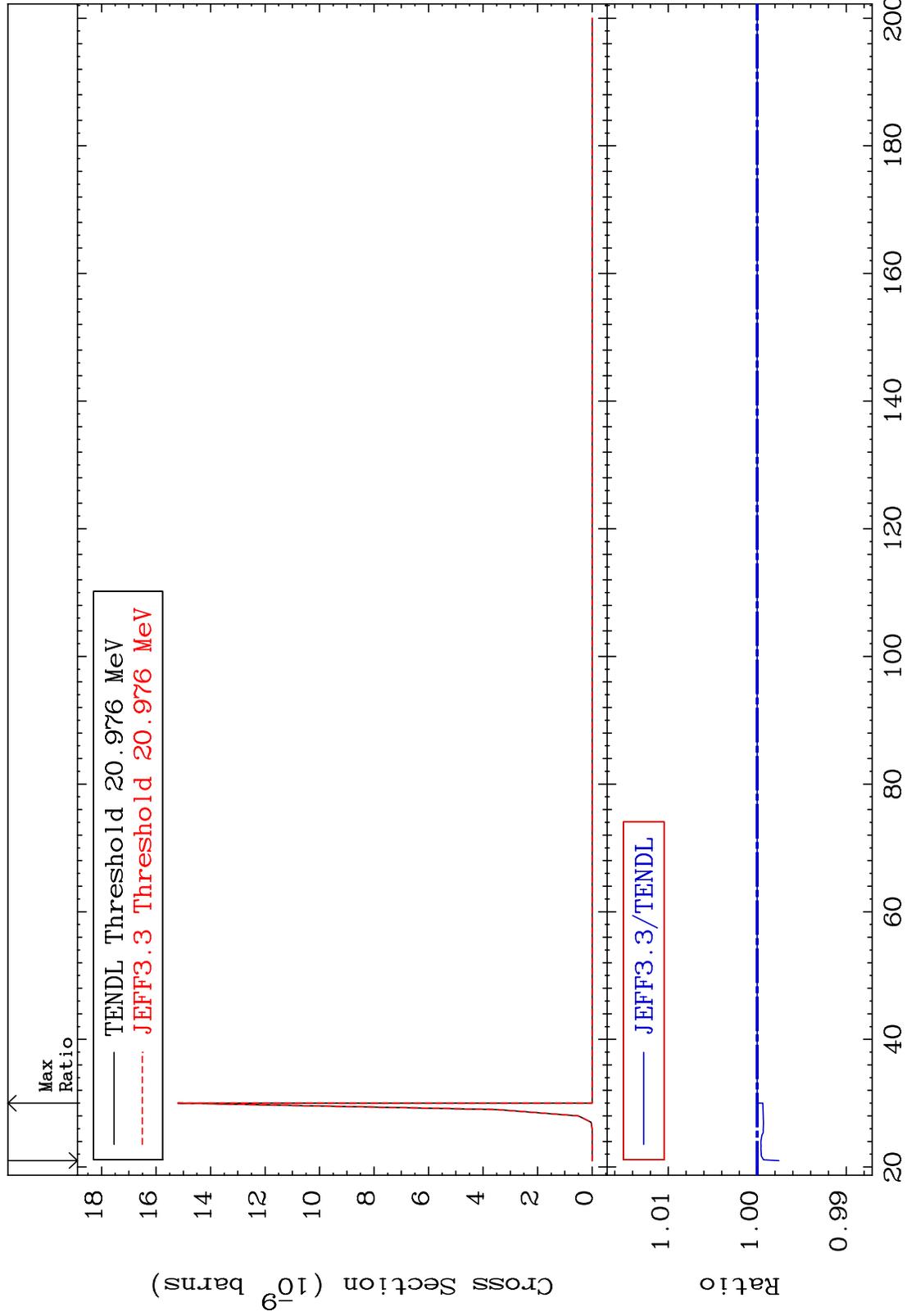
34-Se-80

MAT 3443

(n,p) t:32-Ge-77g

34-Se-80

Radionuclide Production Cross Section -0.244 To 0.000 %



80

Incident Energy (MeV)

34-Se-80

MAT 3443

(n,p) t:32-Ge-77m1

34-^{Se}-80

Radionuclide Production Cross Section -0.090 To 0.000 %

