

Program Complot  
(Version 2018-1)

by

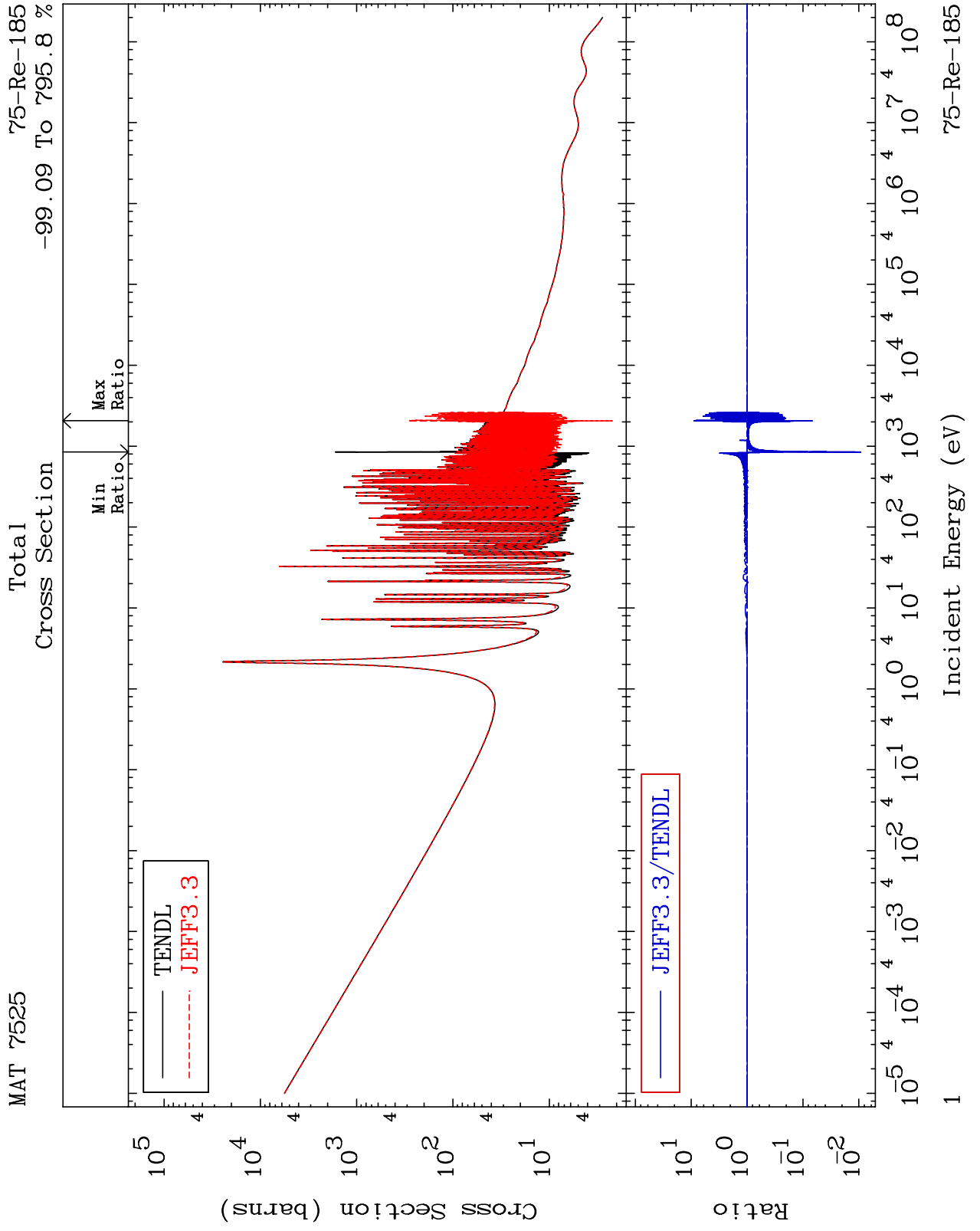
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Press Mouse Button to Start



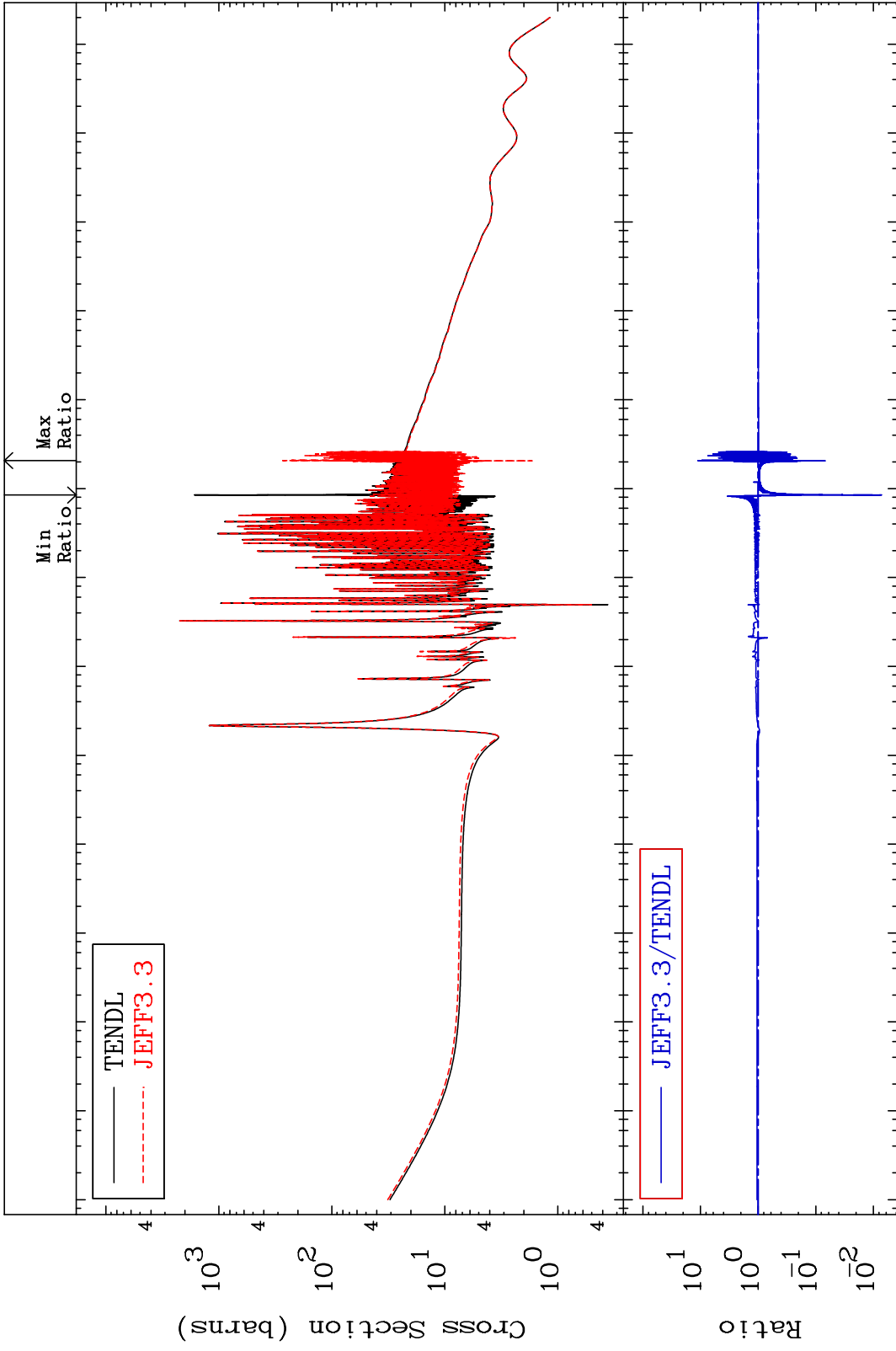
MAT 7525

Elastic

75-Re-185

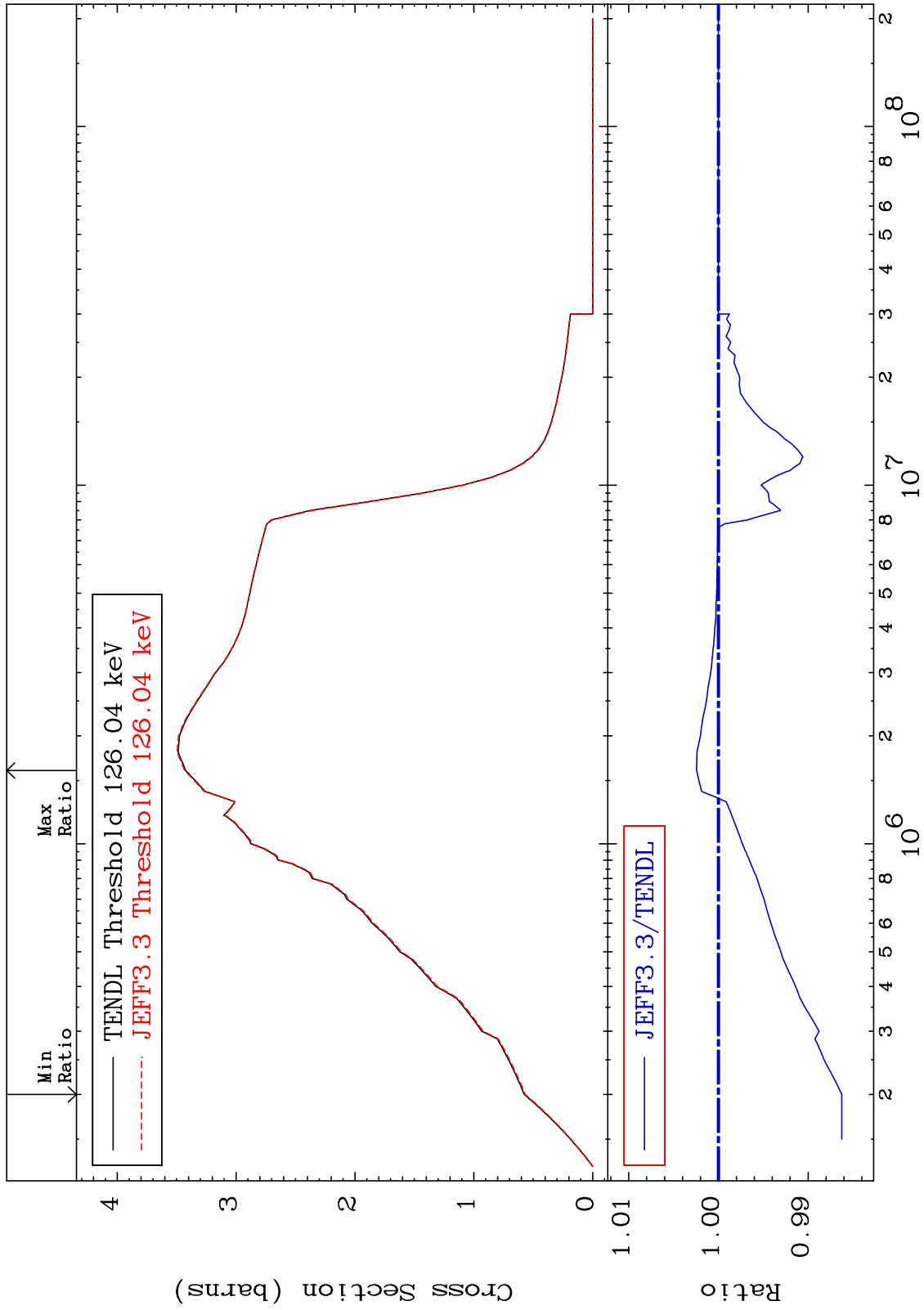
Cross Section

-99.28 To 1015. %



Incident Energy (eV) 75-Re-185

MAT 7525 Inelastic Cross Section 75-Re-185 -1.375 To 0.243 %



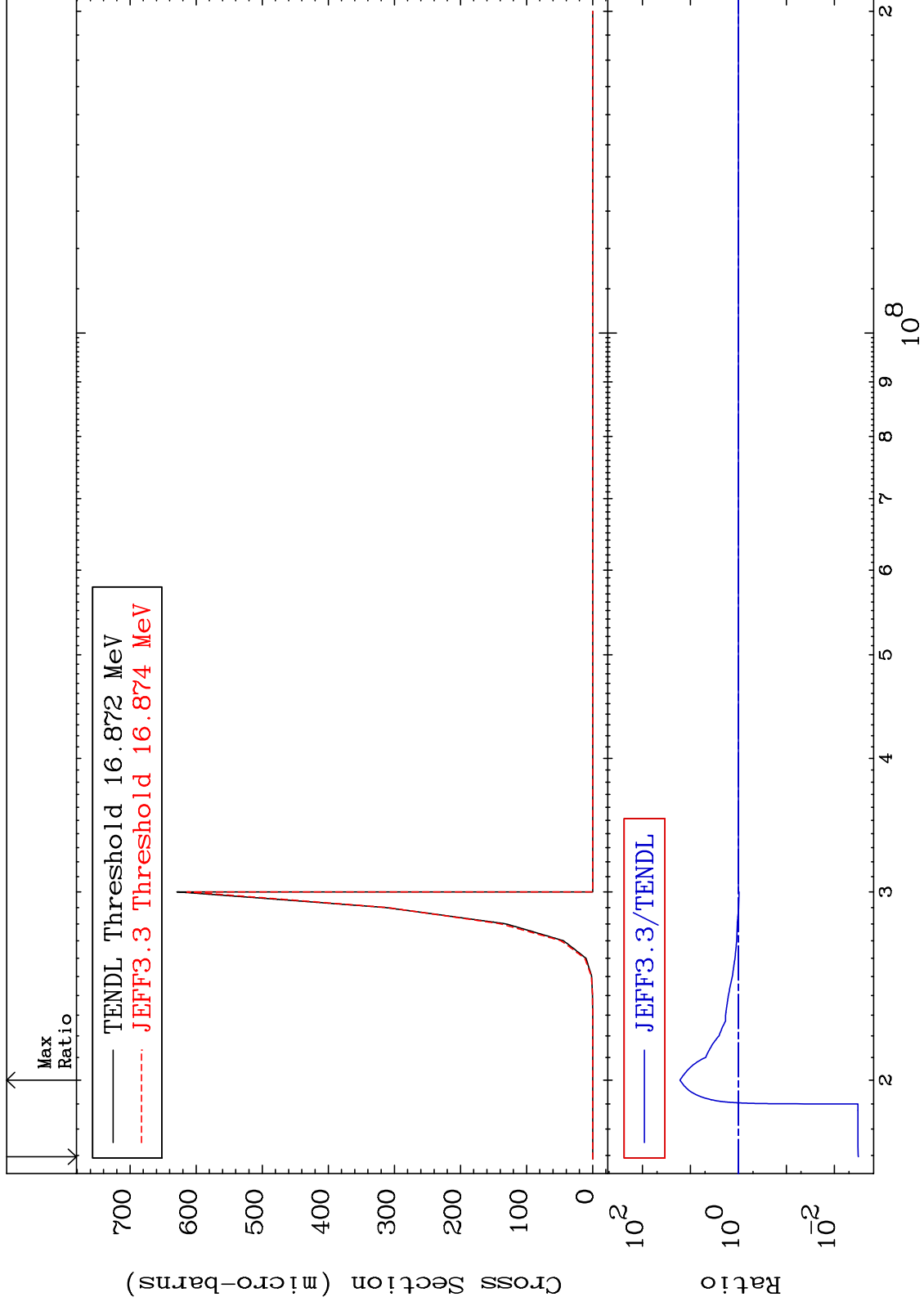
MAT 7525

(n,2n) d

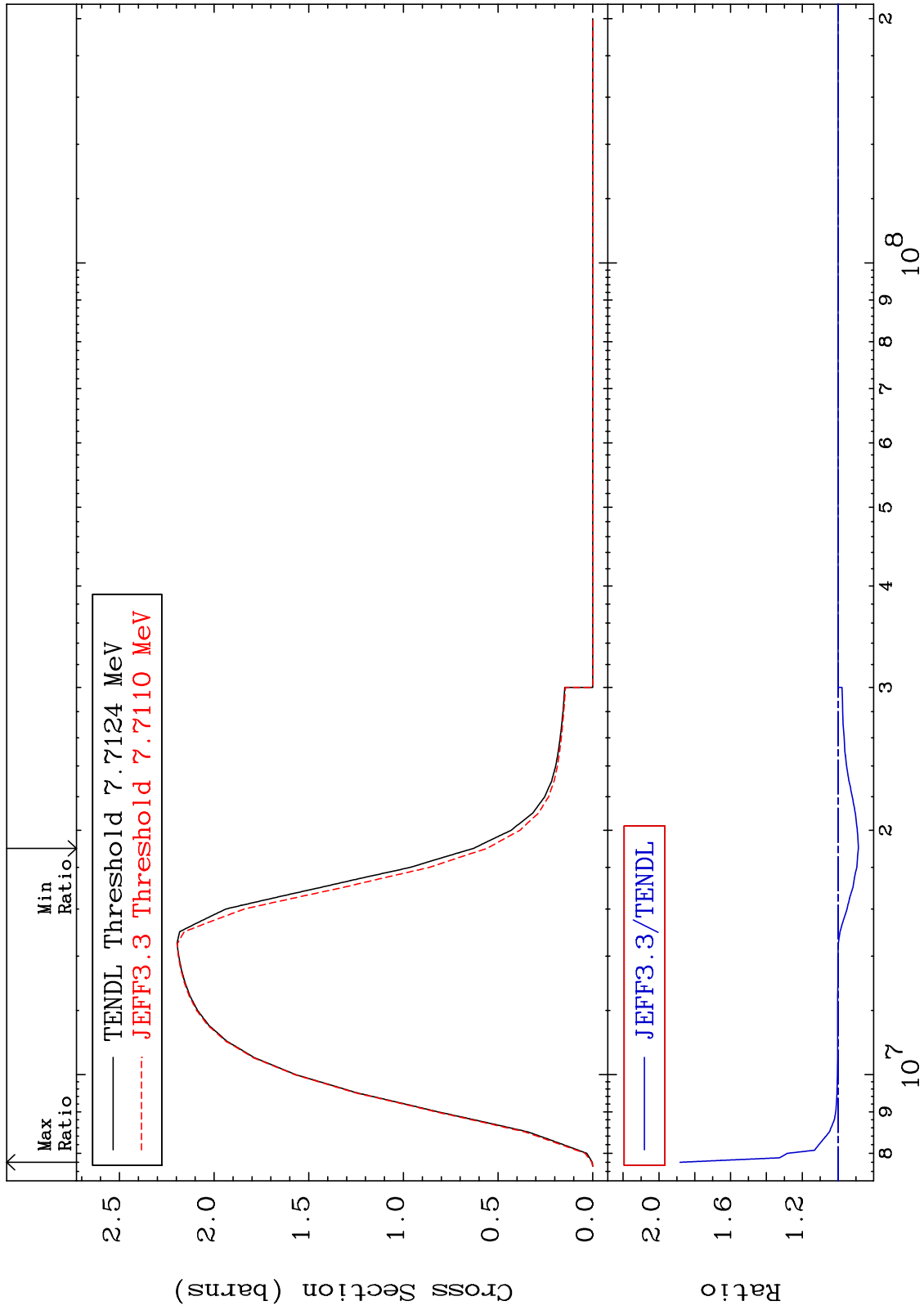
75-Re-185

Cross Section

-99.68 To 1552. %



MAT 7525 (n,2n) Cross Section 75-Re-185 -11.35 To 88.24 %



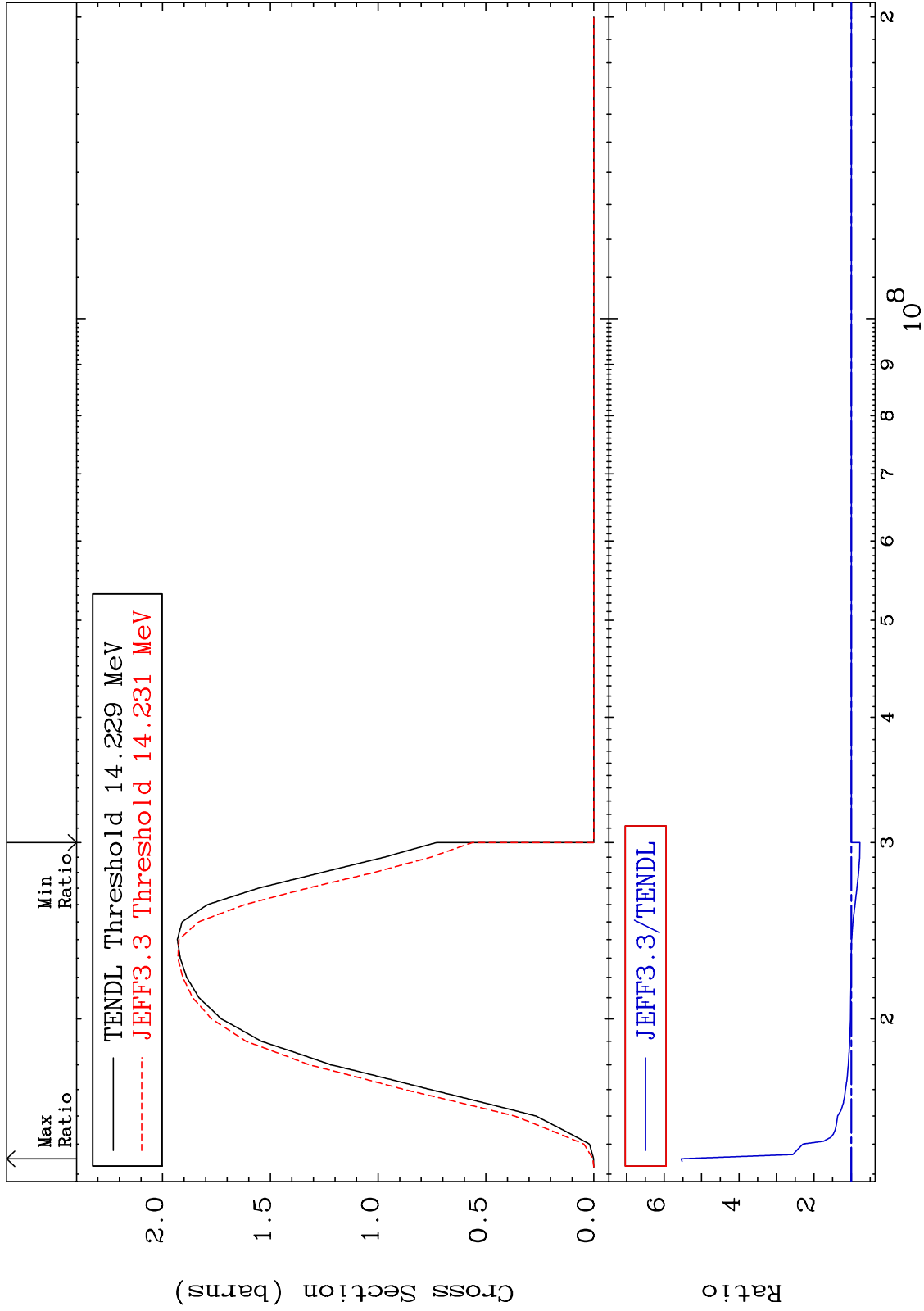
MAT 7525

(n, 3n)

75-Re-185

Cross Section

-22.77 To 454.2 %



6

Incident Energy (eV)

75-Re-185

MAT 7525

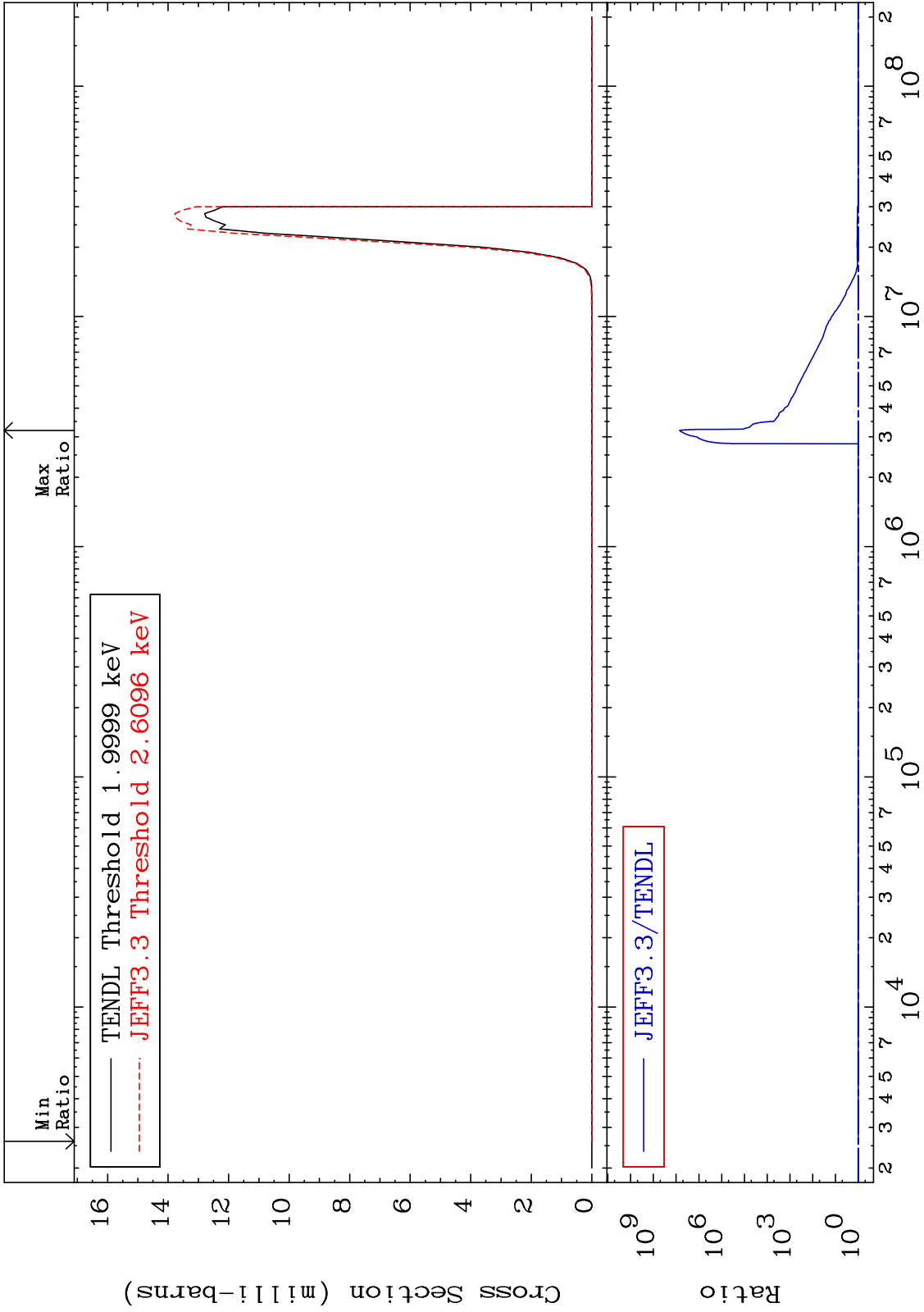
(n, n')  $\alpha$

75-Re-185

Cross Section

0.000

To 9999. %





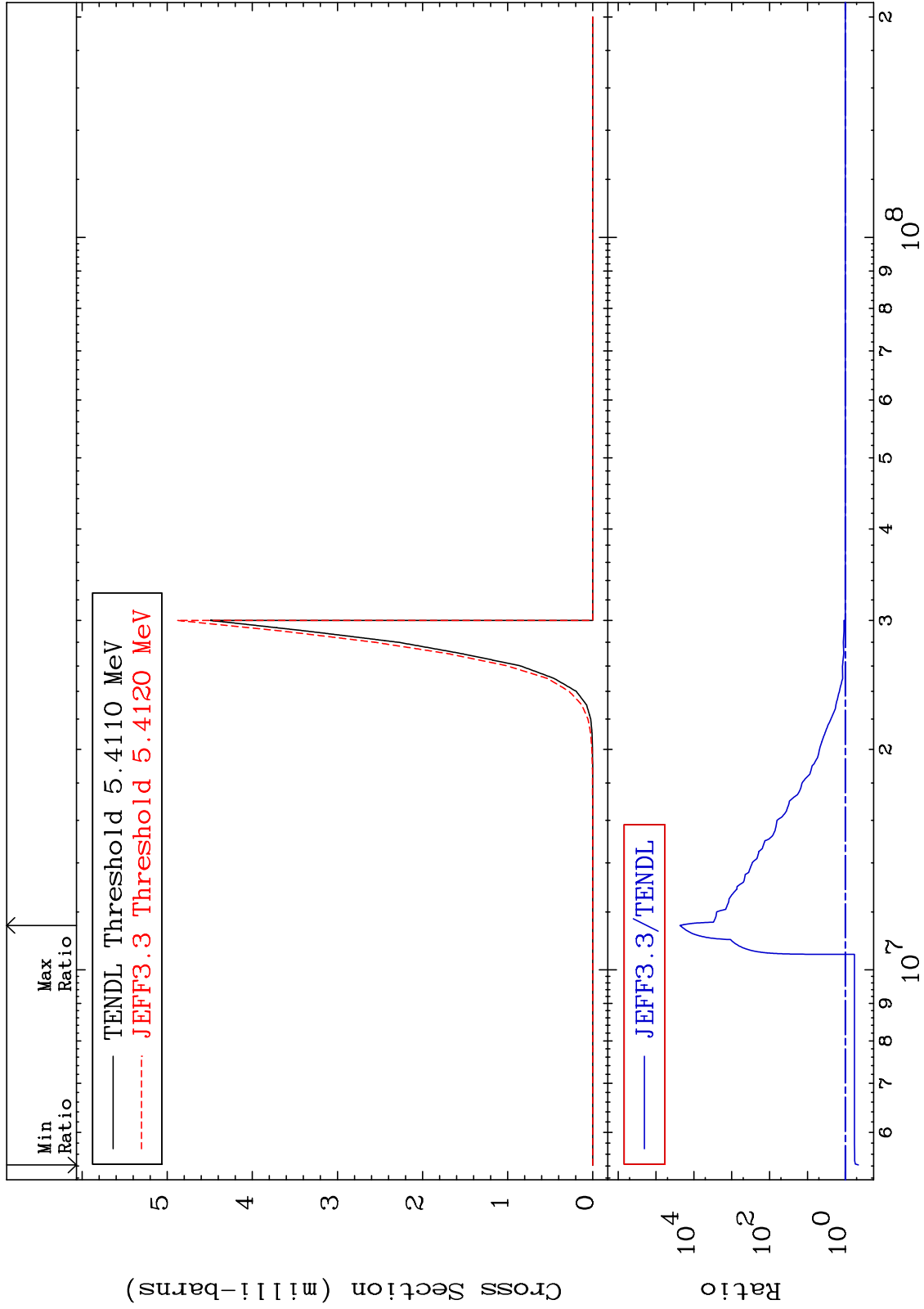
MAT 7525

(n,2n)  $\alpha$

75-Re-185

Cross Section

-54.99 To 9999. %



8

Incident Energy (eV)

75-Re-185

MAT 7525

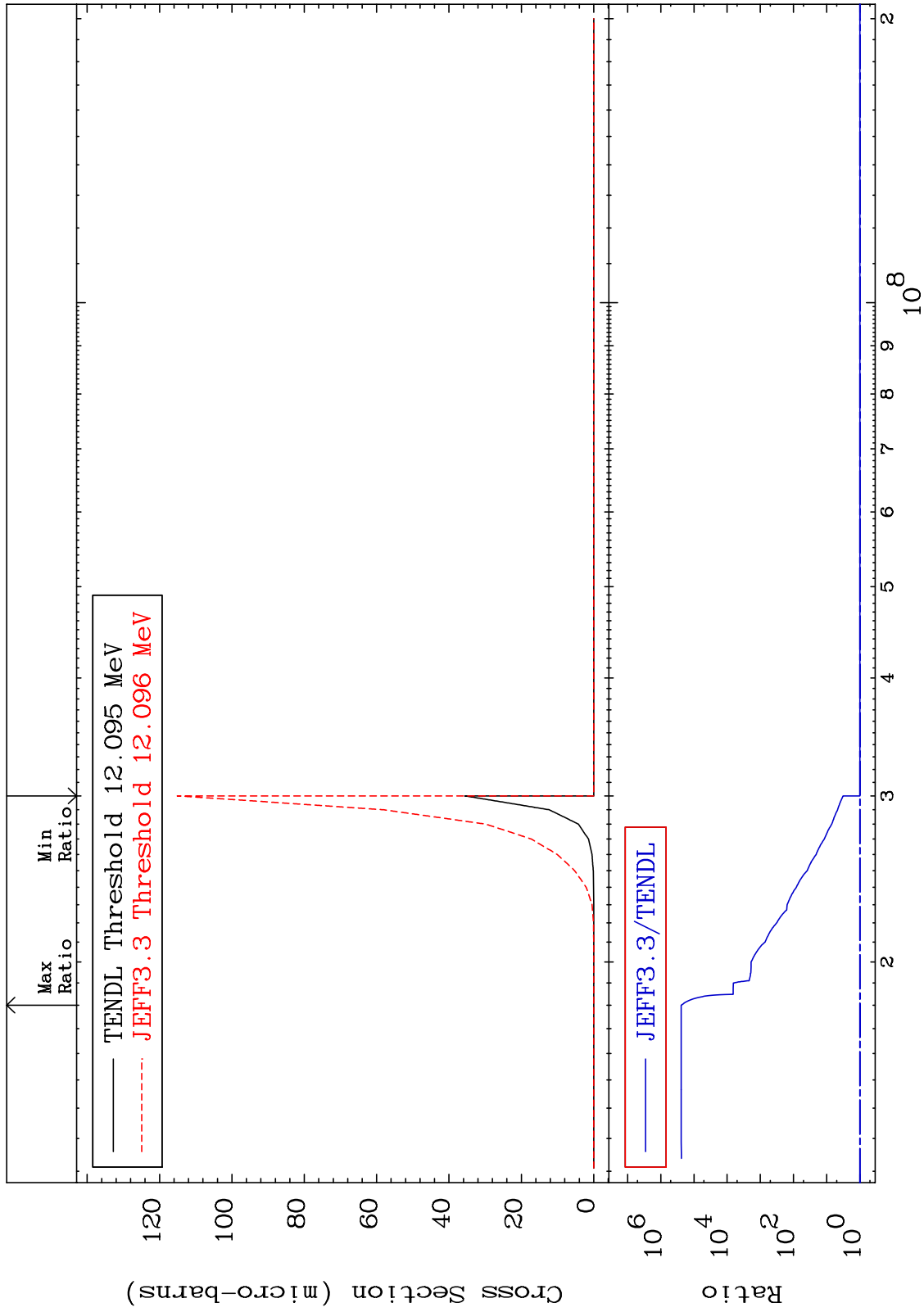
(n, 3n)  $\alpha$

75-Re-185

Cross Section

0.000

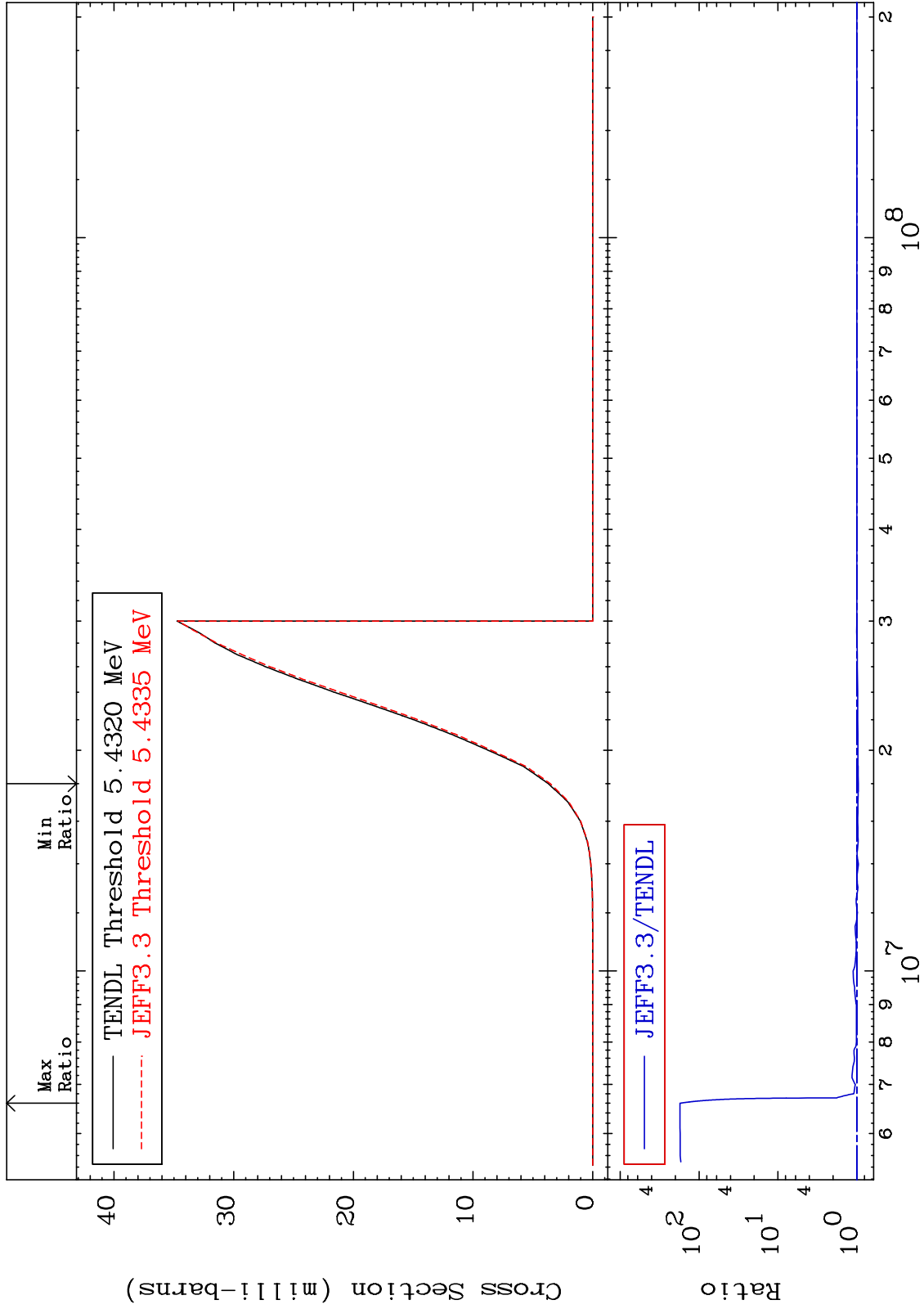
To 9999. %



MAT 7525

(n,n') p  
Cross Section

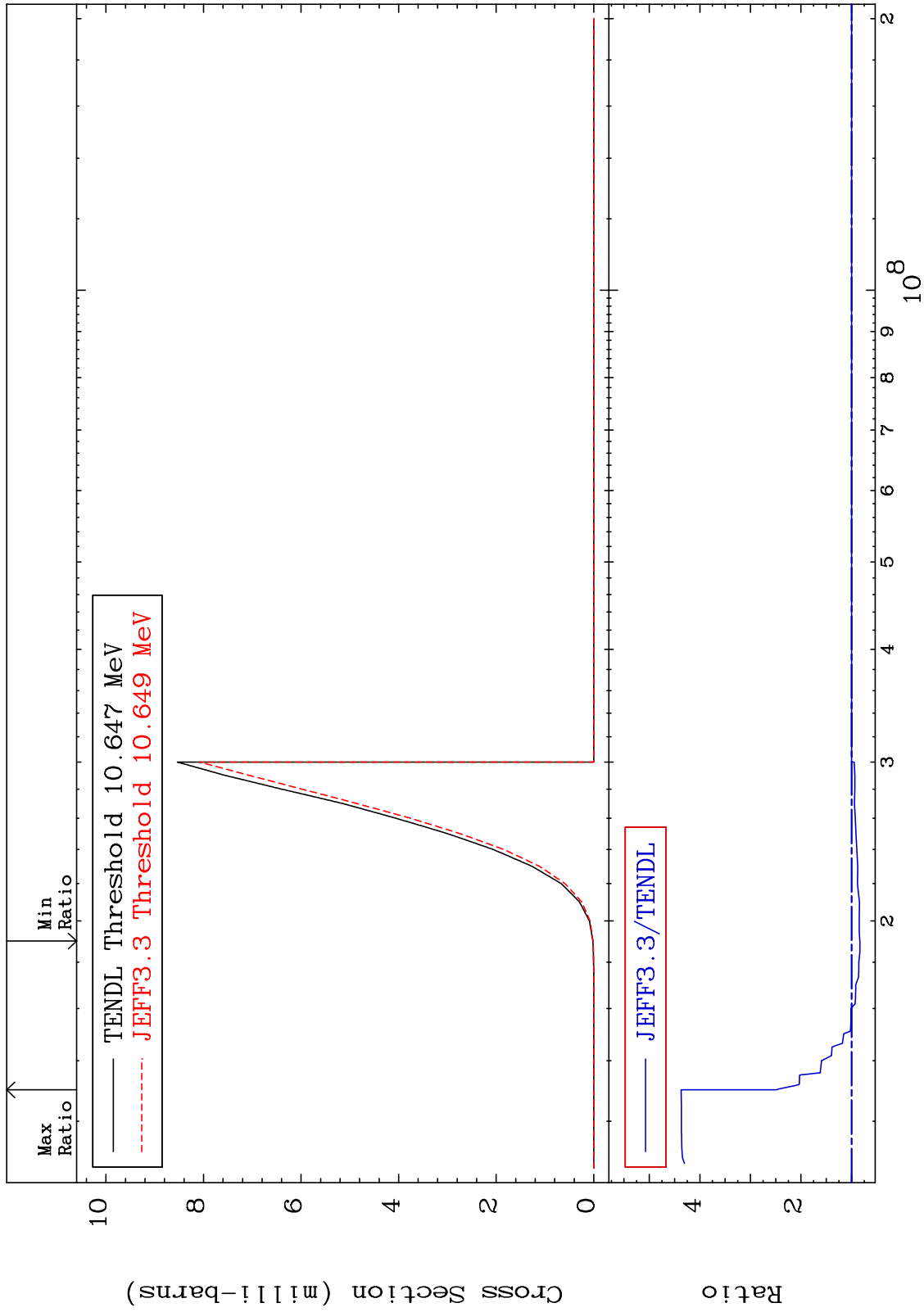
75-Re-185  
-4.460 To 9999. %



10

Incident Energy (eV)

75-Re-185



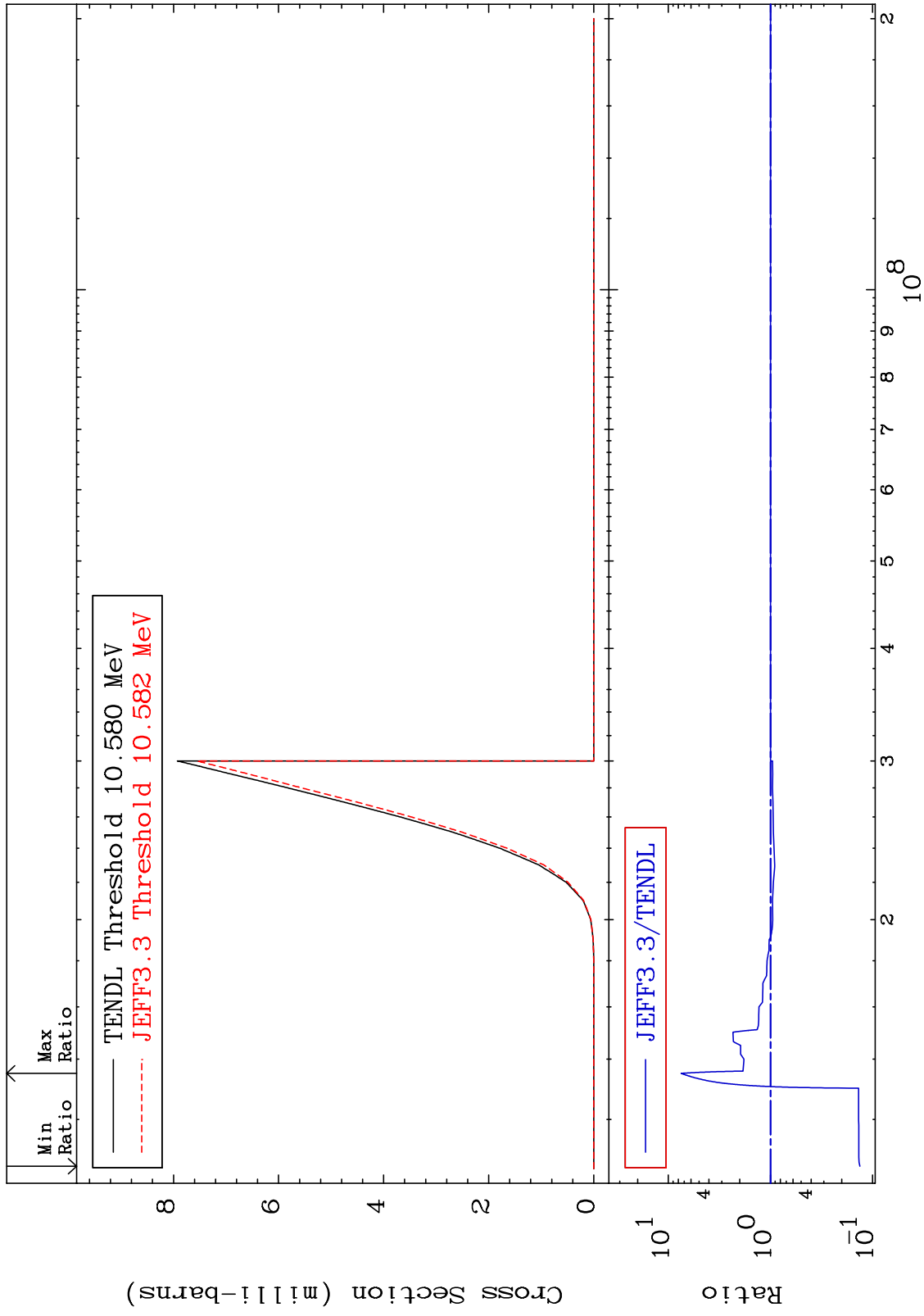
MAT 7525

(n, n') t

75-Re-185

Cross Section

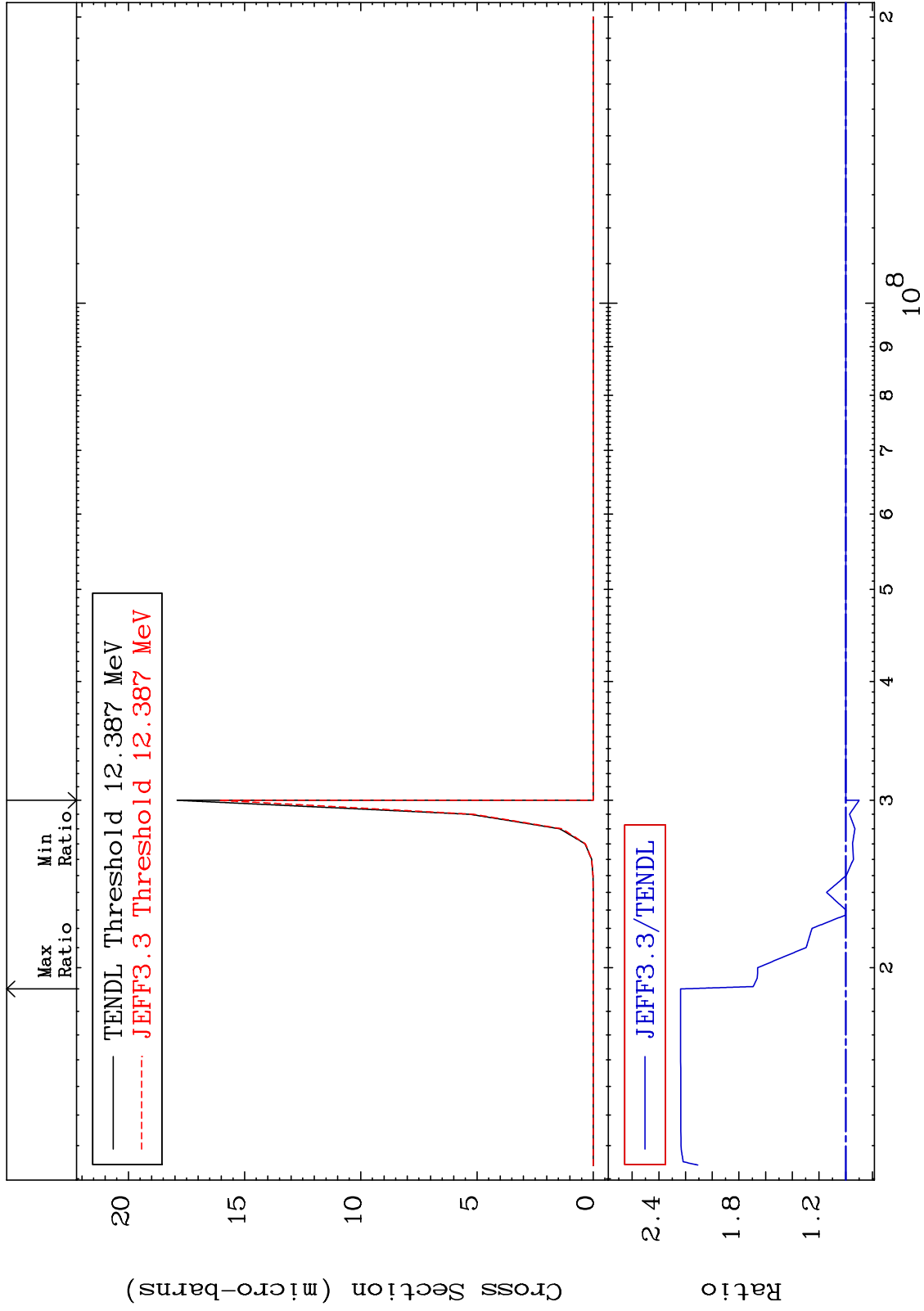
-86.71 To 648.3 %

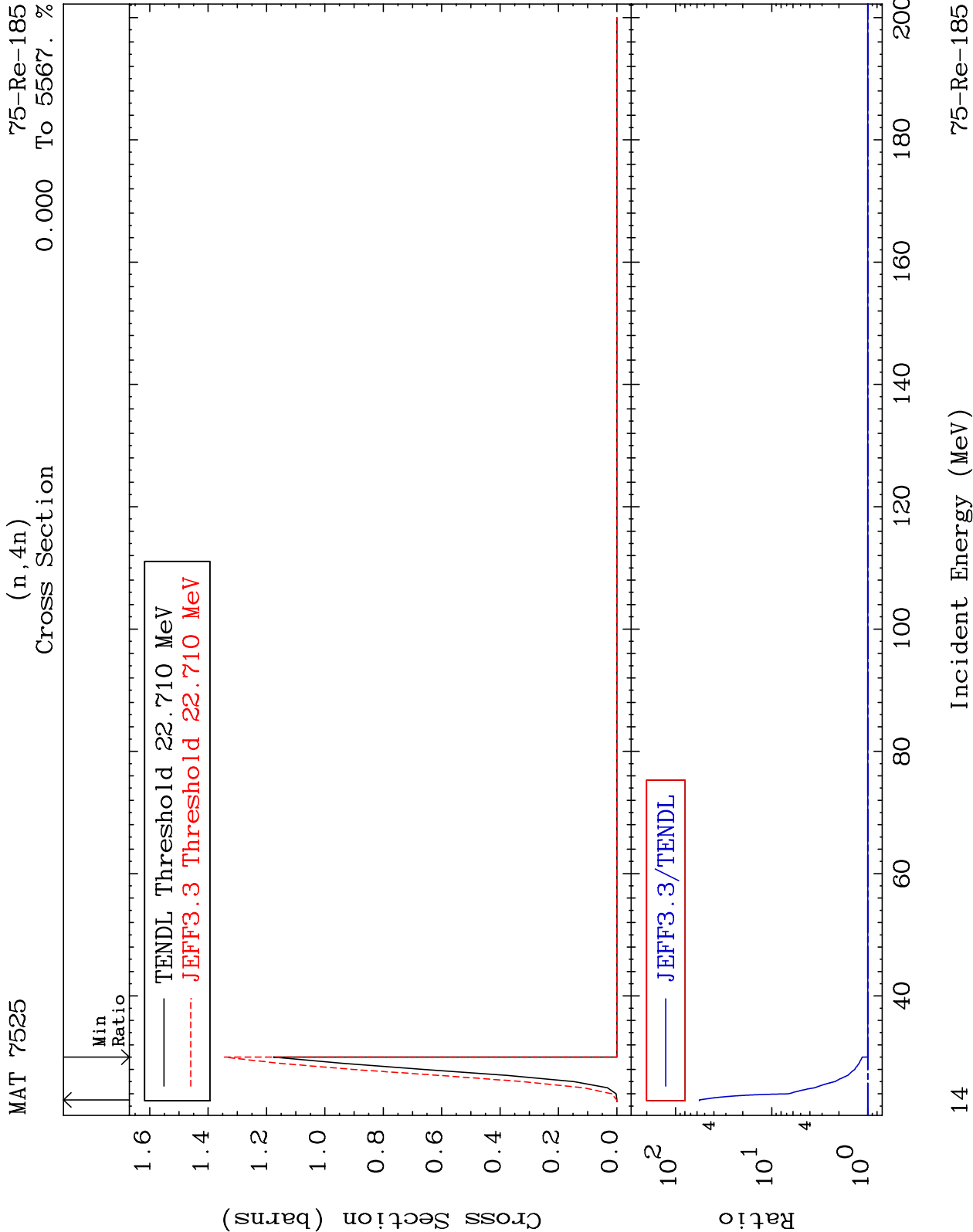


MAT 7525

(n, n') He-3  
Cross Section

75-Re-185  
-10.05 To 123.7 %

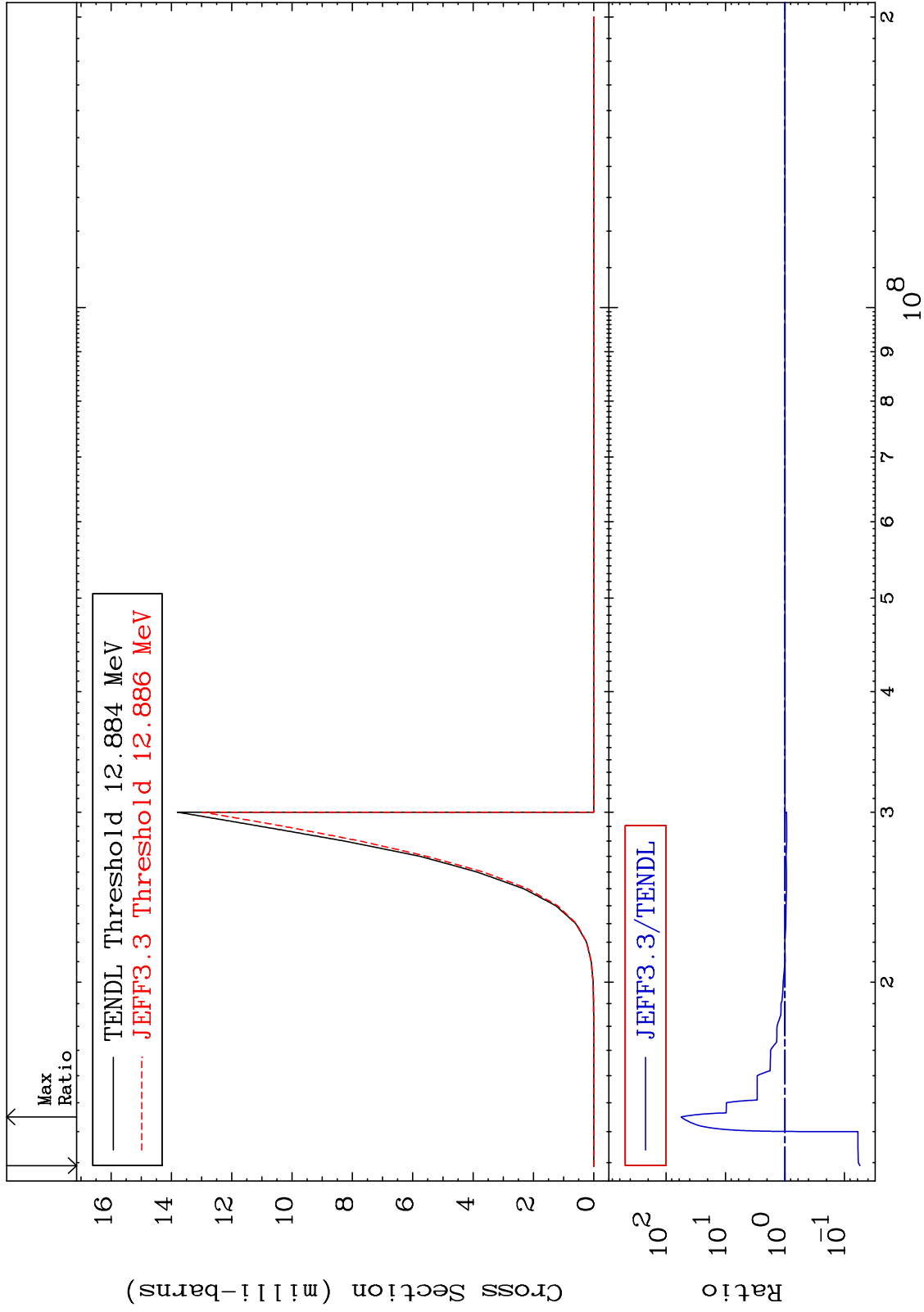




MAT 7525

(n,2n) p  
Cross Section

75-Re-185  
-94.53 To 5449. %

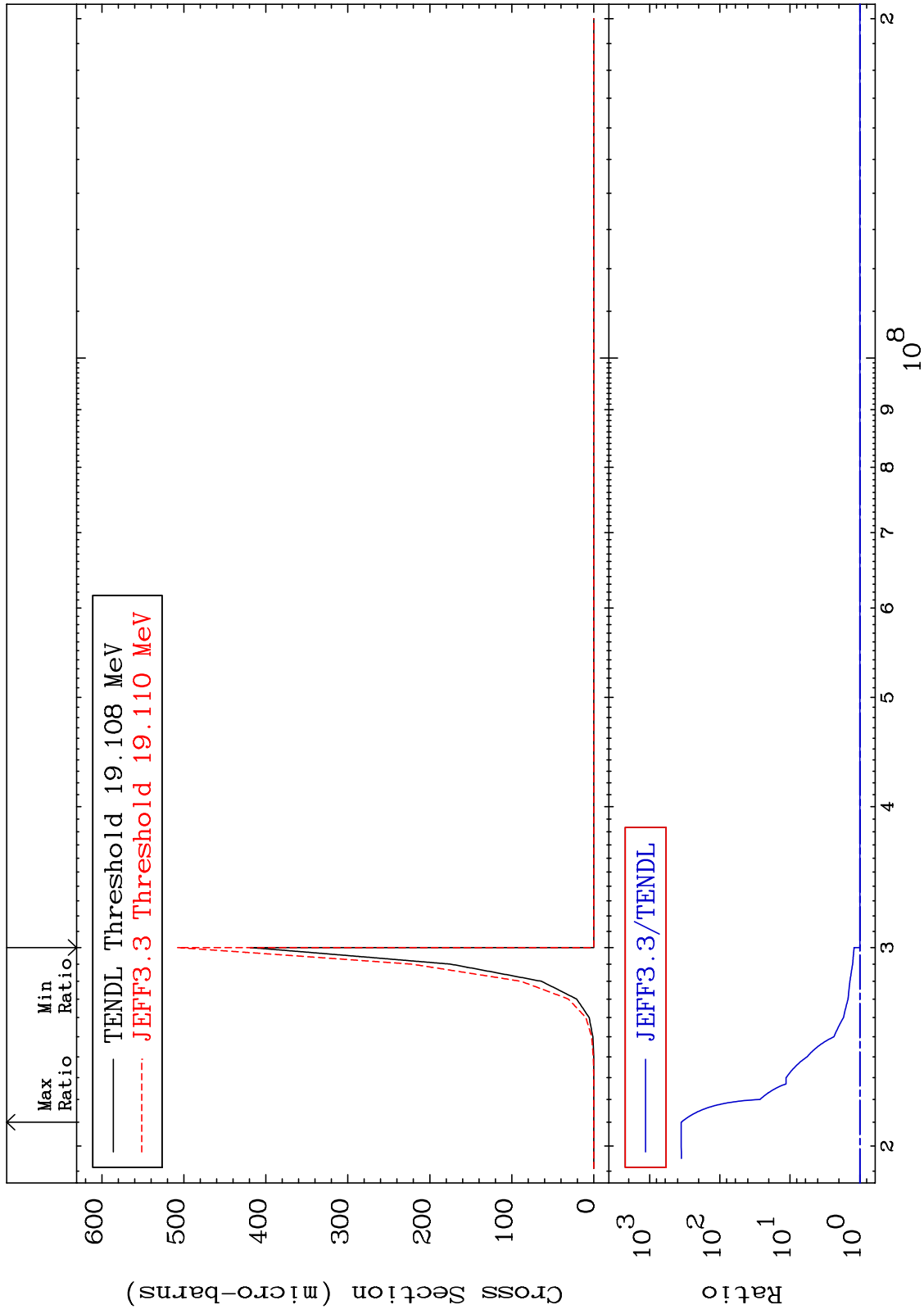




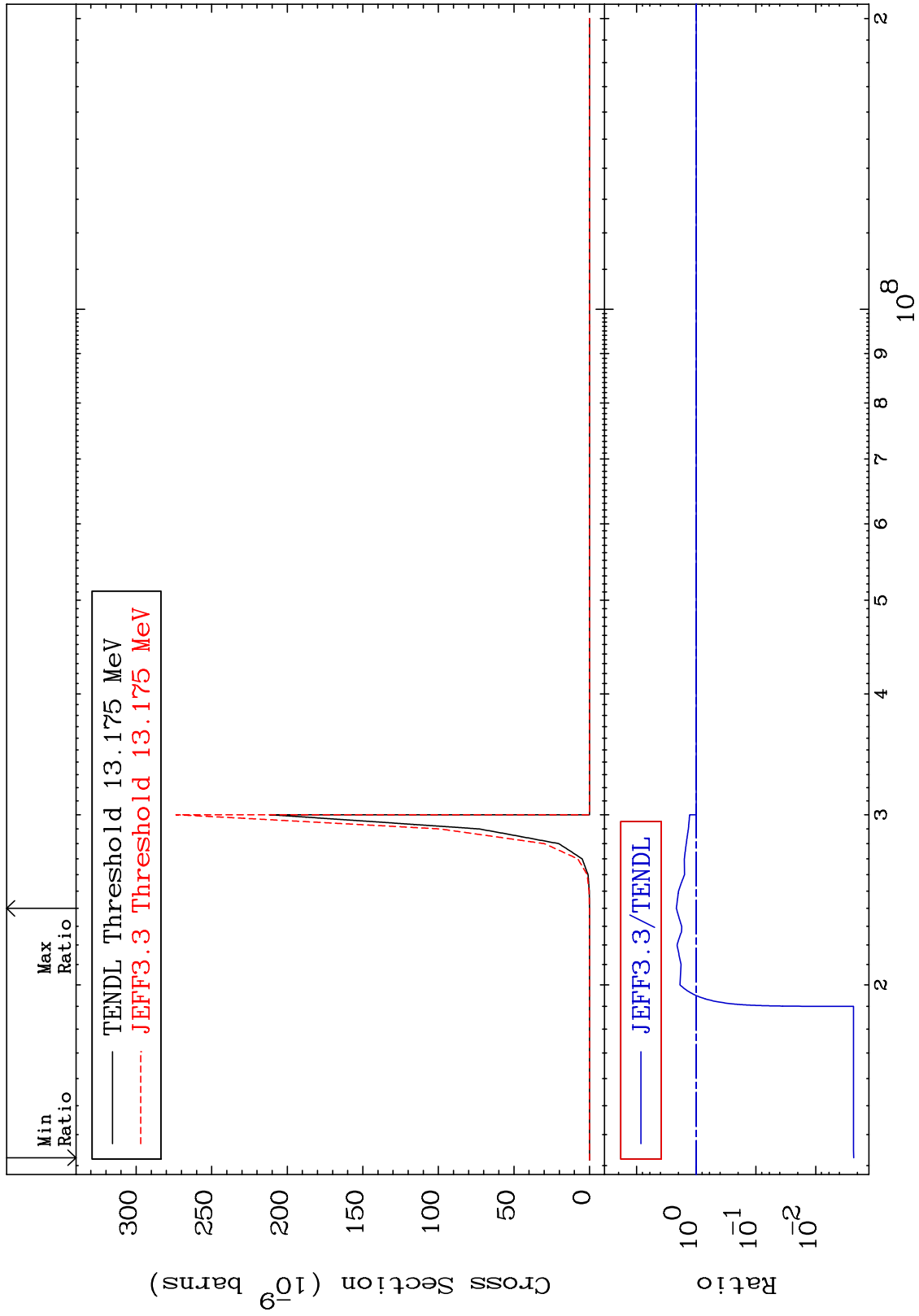
MAT 7525

(n,3n) p  
Cross Section

75-Re-185  
0.000 To 9999. %



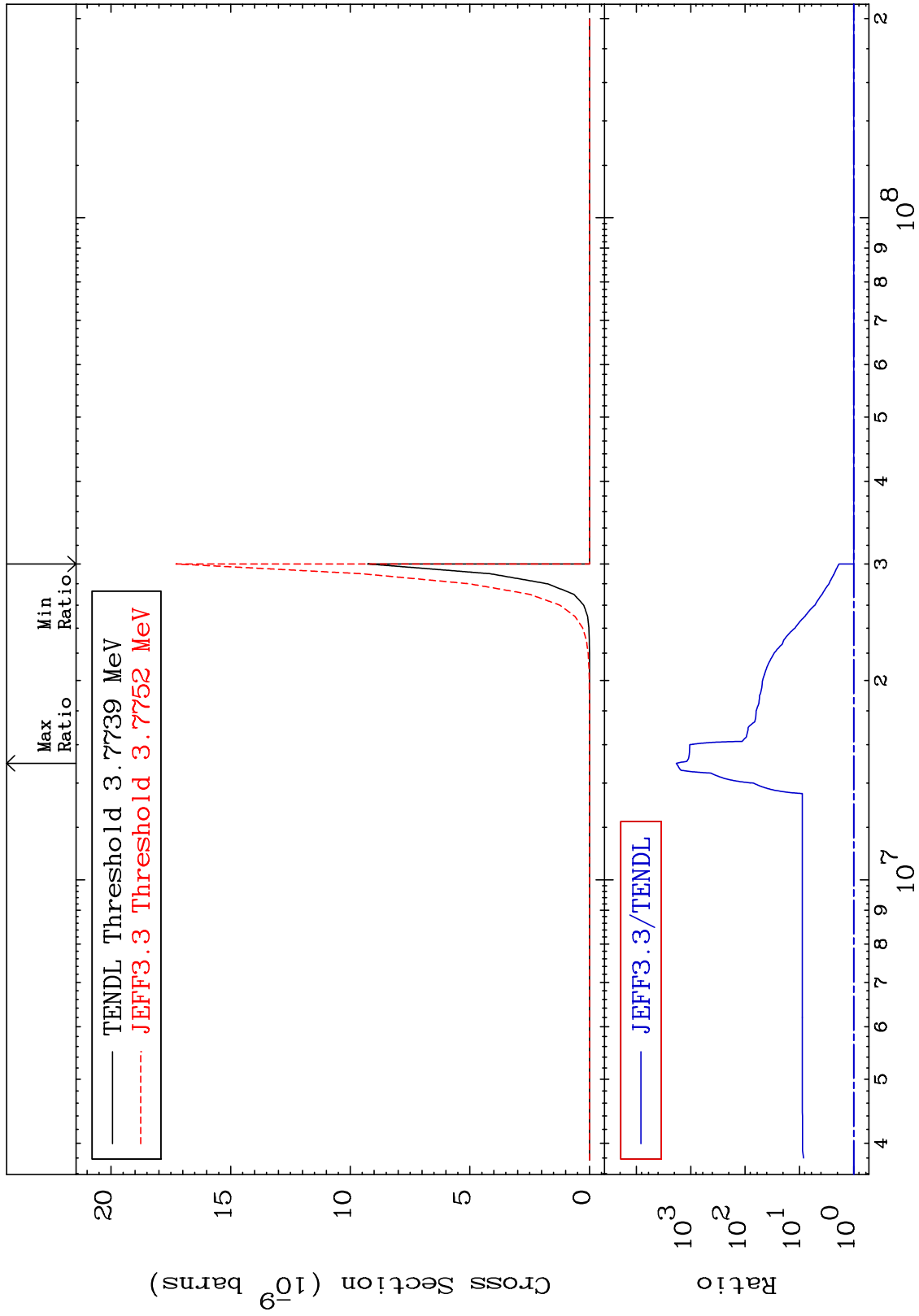
MAT 7525 (n,2n) p 75-Re-185  
 Cross Section -99.77 To 116.0 %



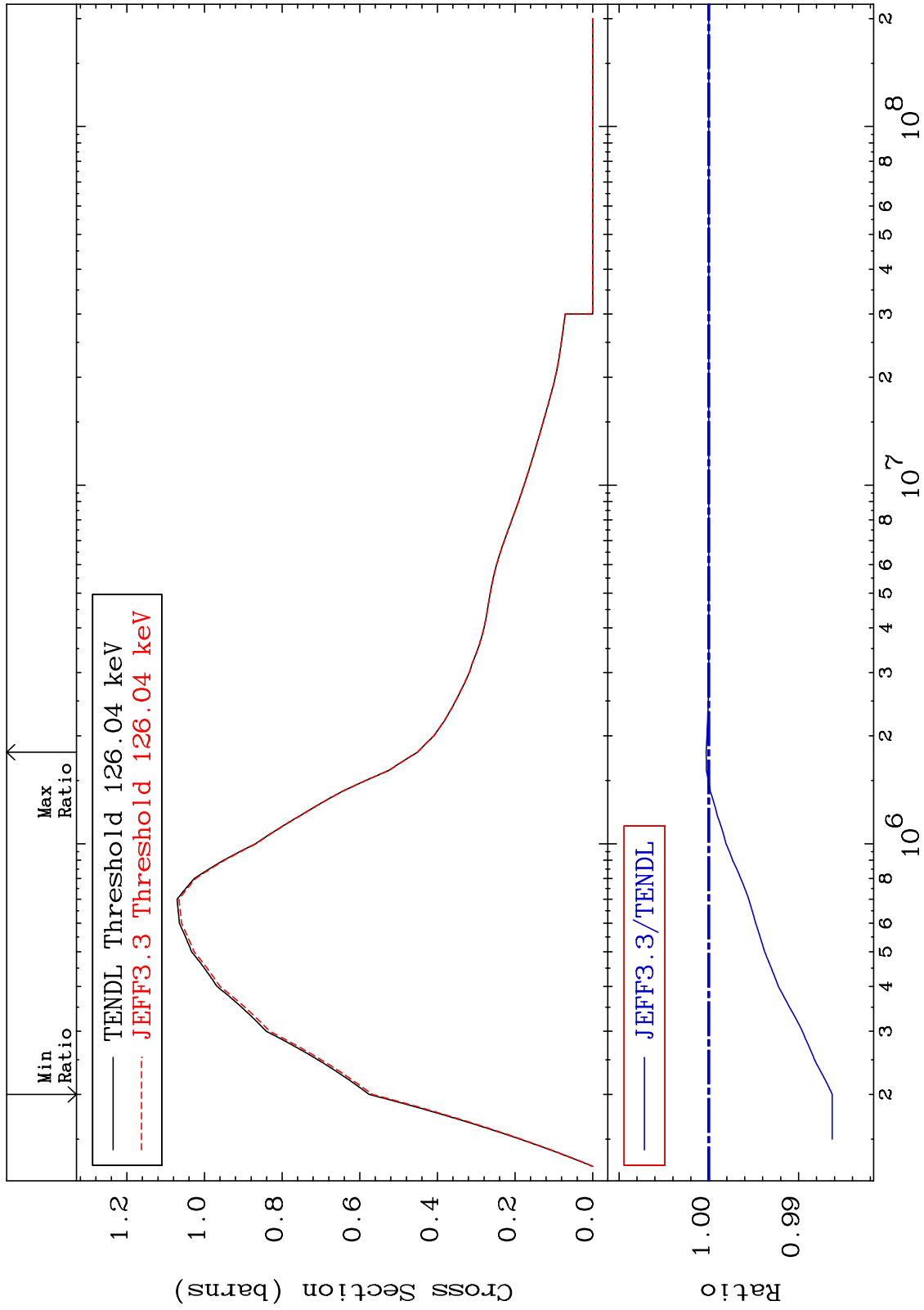
MAT 7525

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

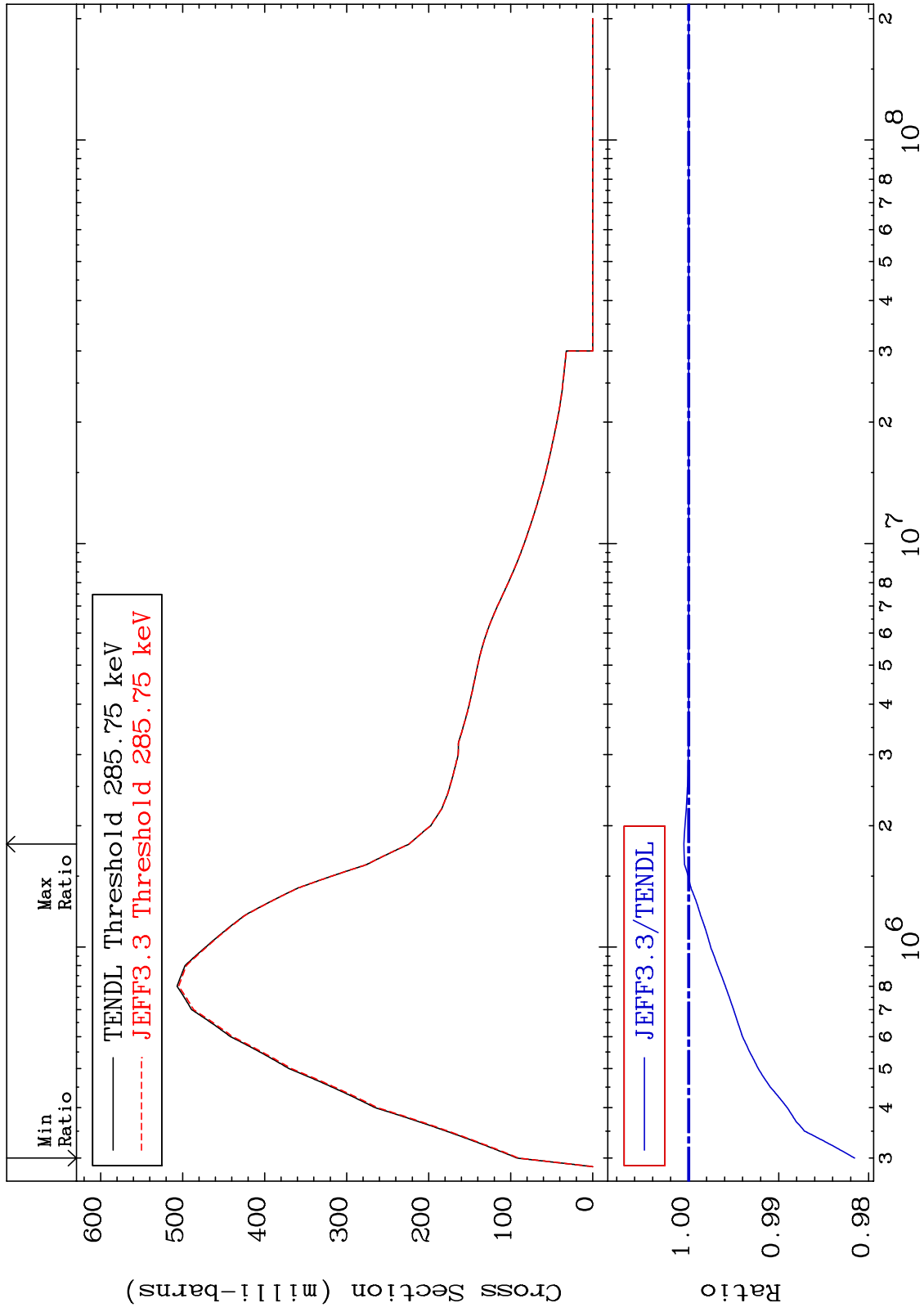
75-Re-185  
To 9999. %  
0.000



MAT 7525 MT= 51 (n,n') Level Cross Section 75-Re-185  
 -1.375 To 0.030 %



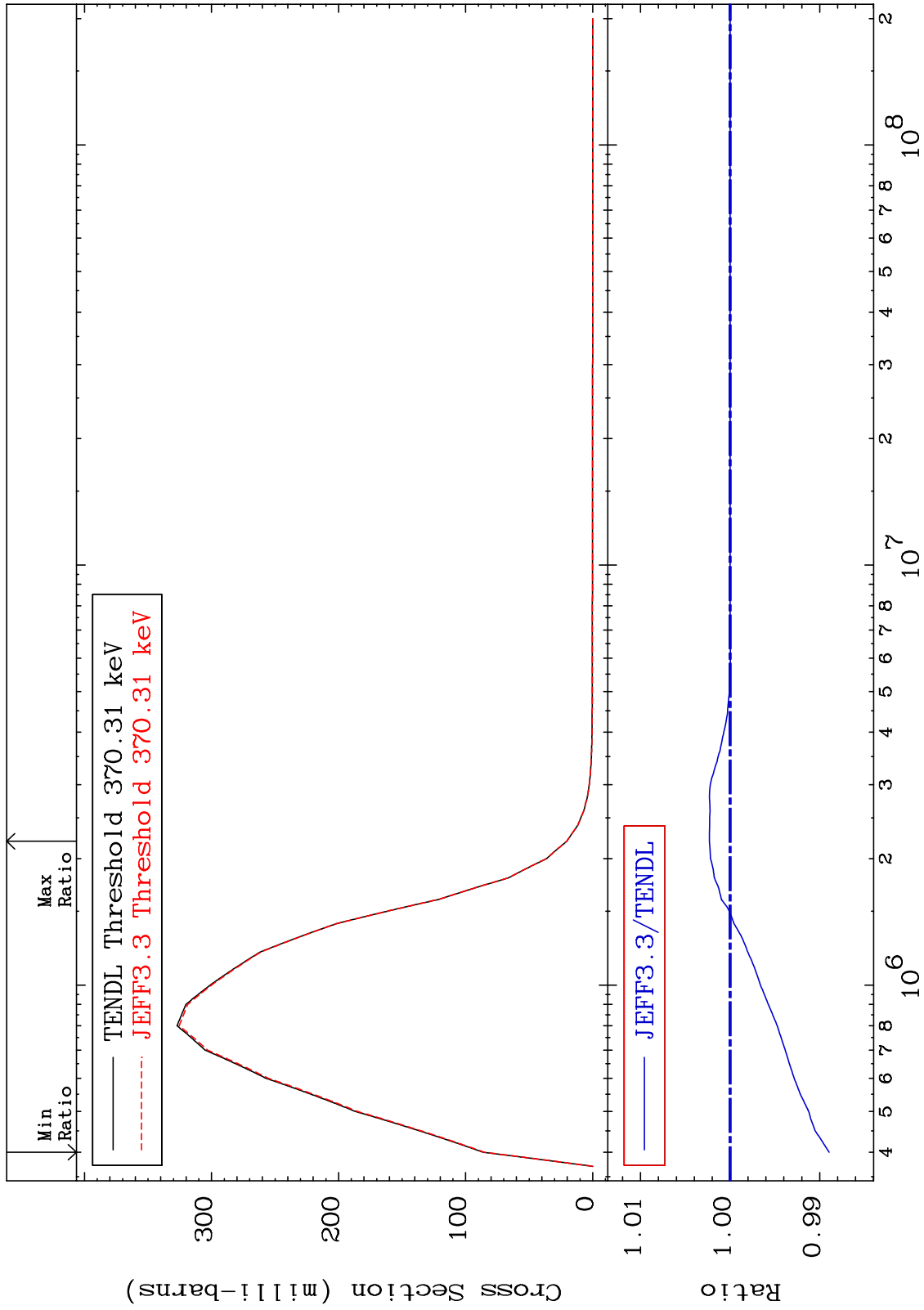
MAT 7525 MT= 52 (n,n') Level Cross Section 75-Re-185 -1.844 To 0.054 %



MAT 7525

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

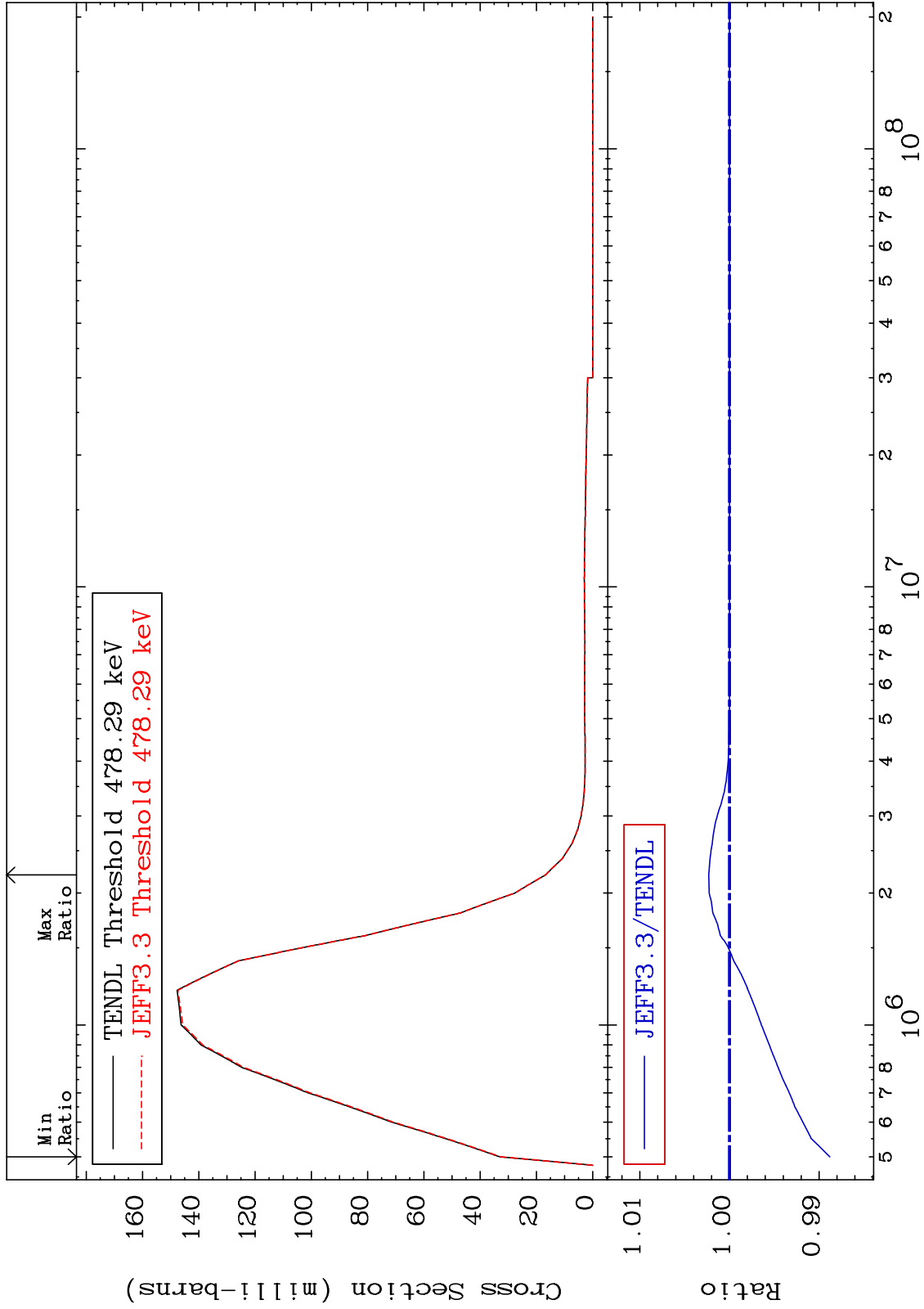
75-Re-185  
-1.104 To 0.231 %



MAT 7525

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

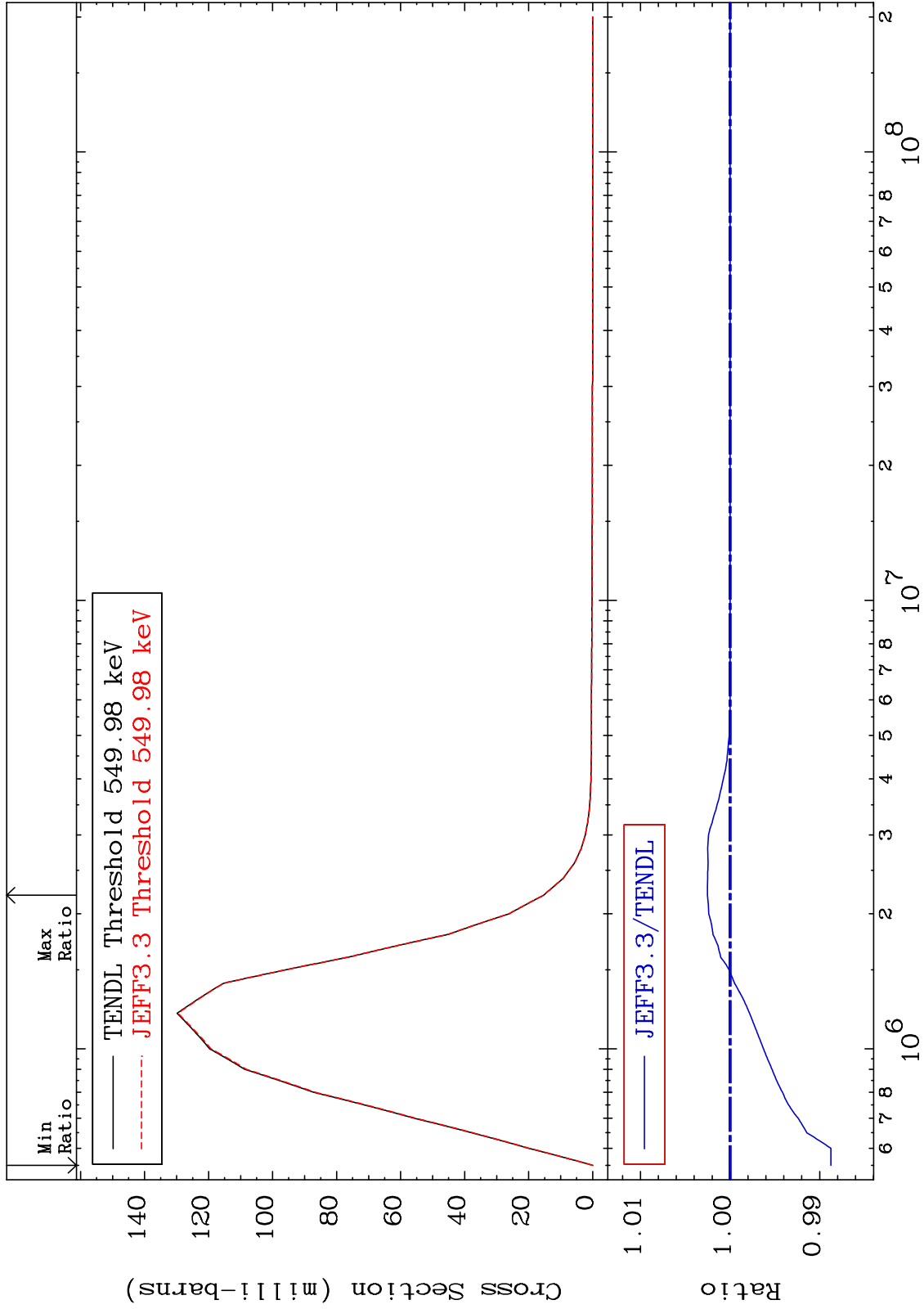
75-Re-185  
-1.118 To 0.232 %



MAT 7525

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

75-Re-185  
-1.126 To 0.252 %

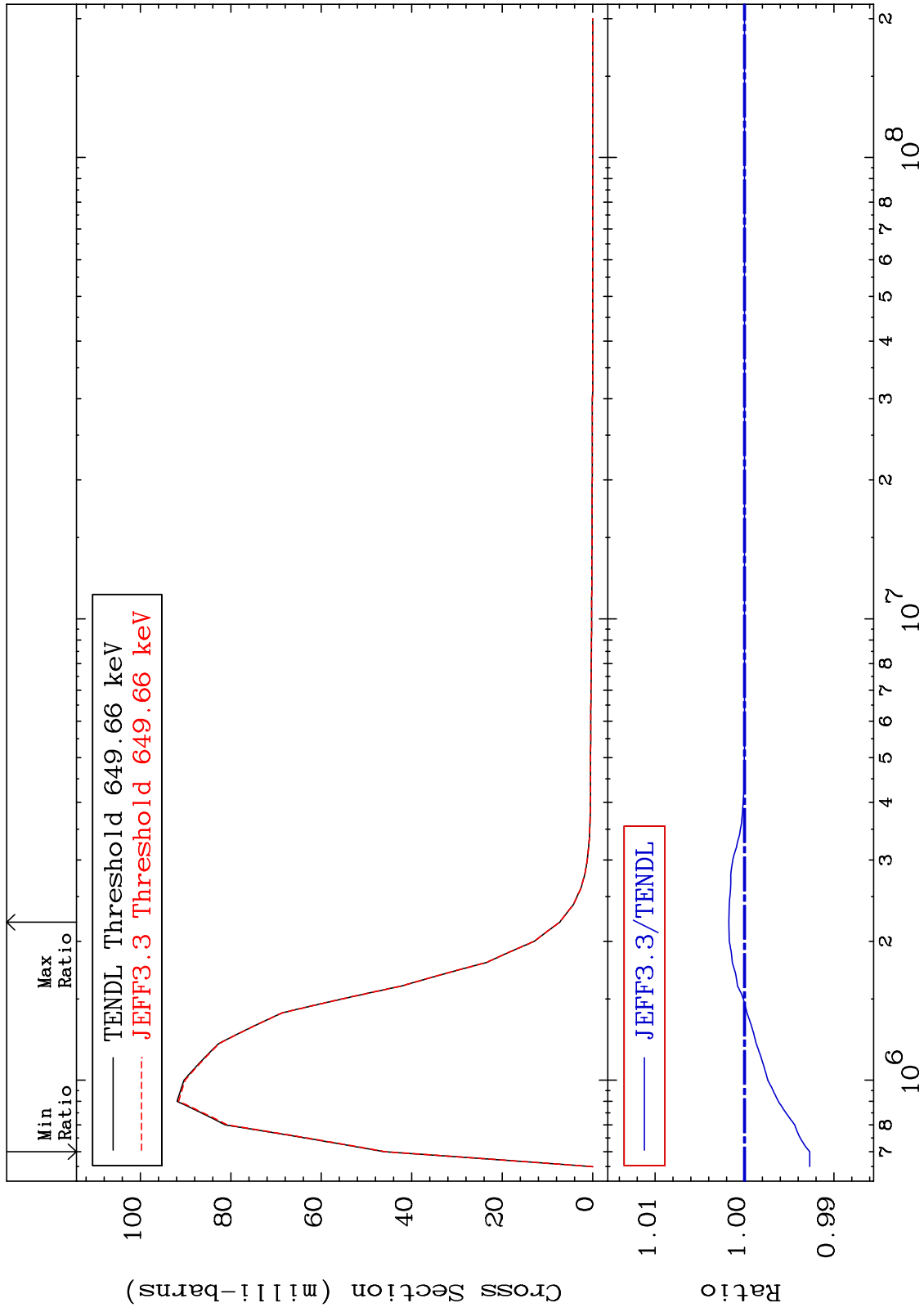




MAT 7525

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

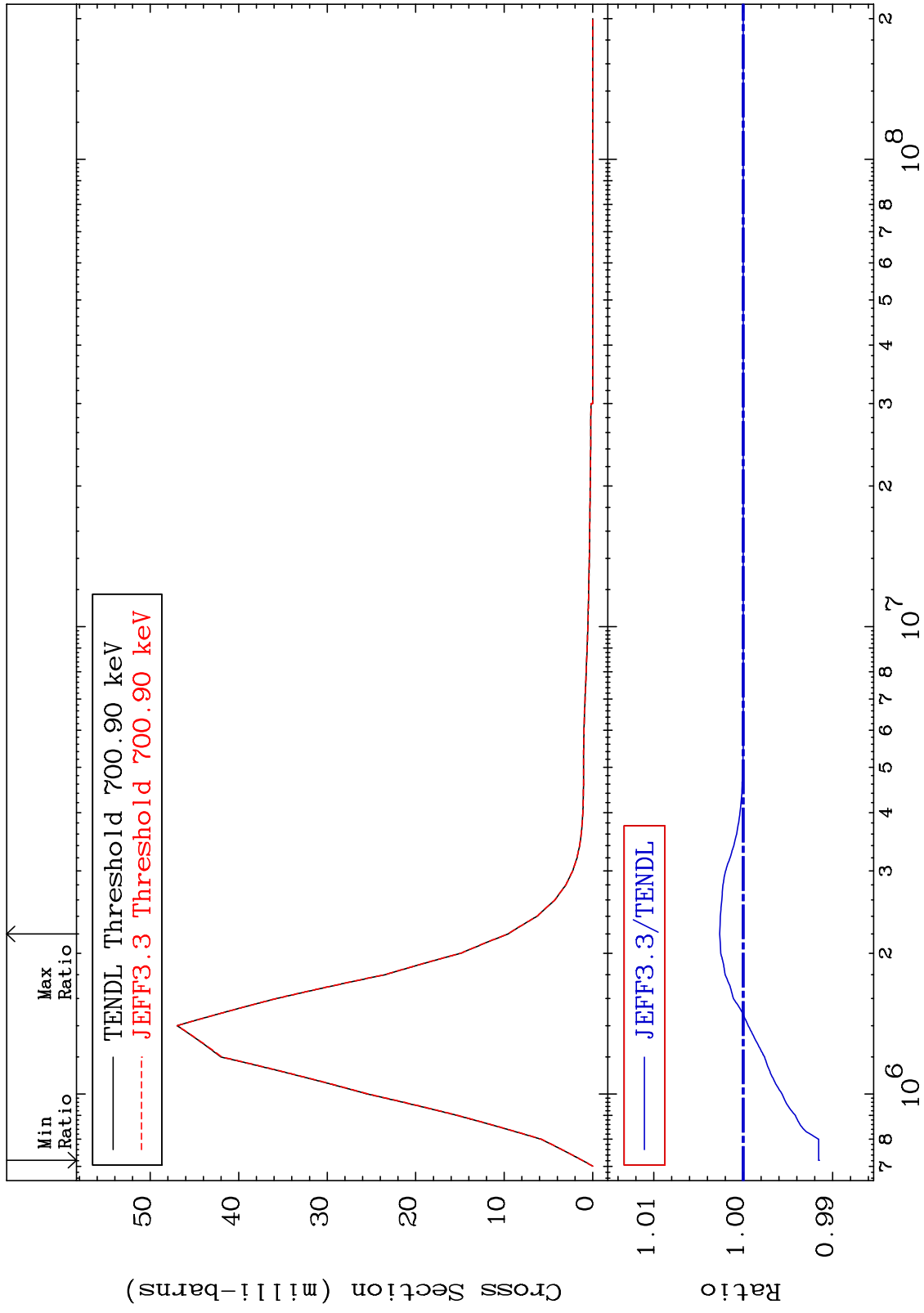
75-Re-185  
-0.729 To 0.176 %



MAT 7525

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

75-Re-185  
-0.844 To 0.262 %



25

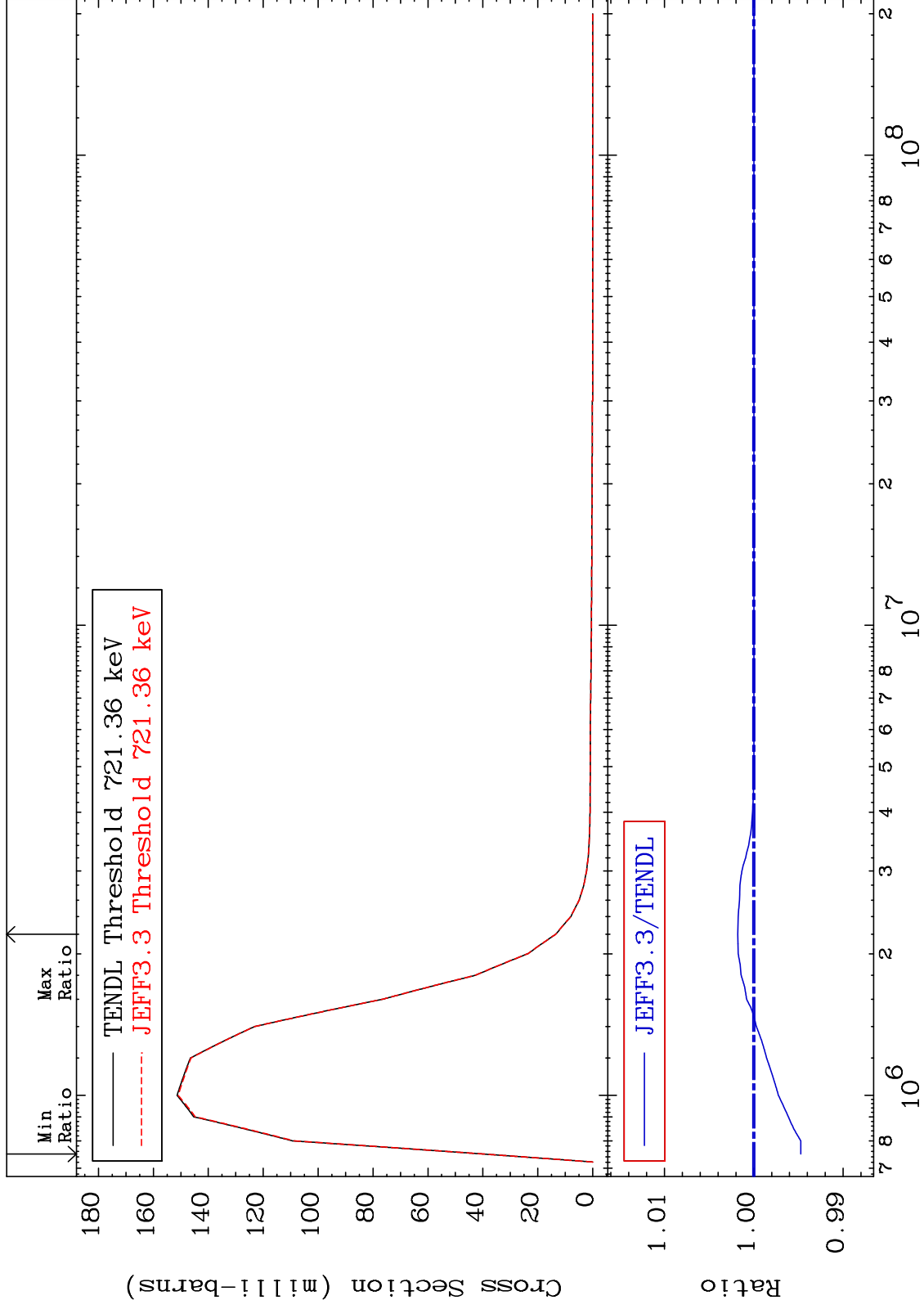
Incident Energy (eV)

75-Re-185

MAT 7525

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

75-Re-185  
-0.526 To 0.181 %



26

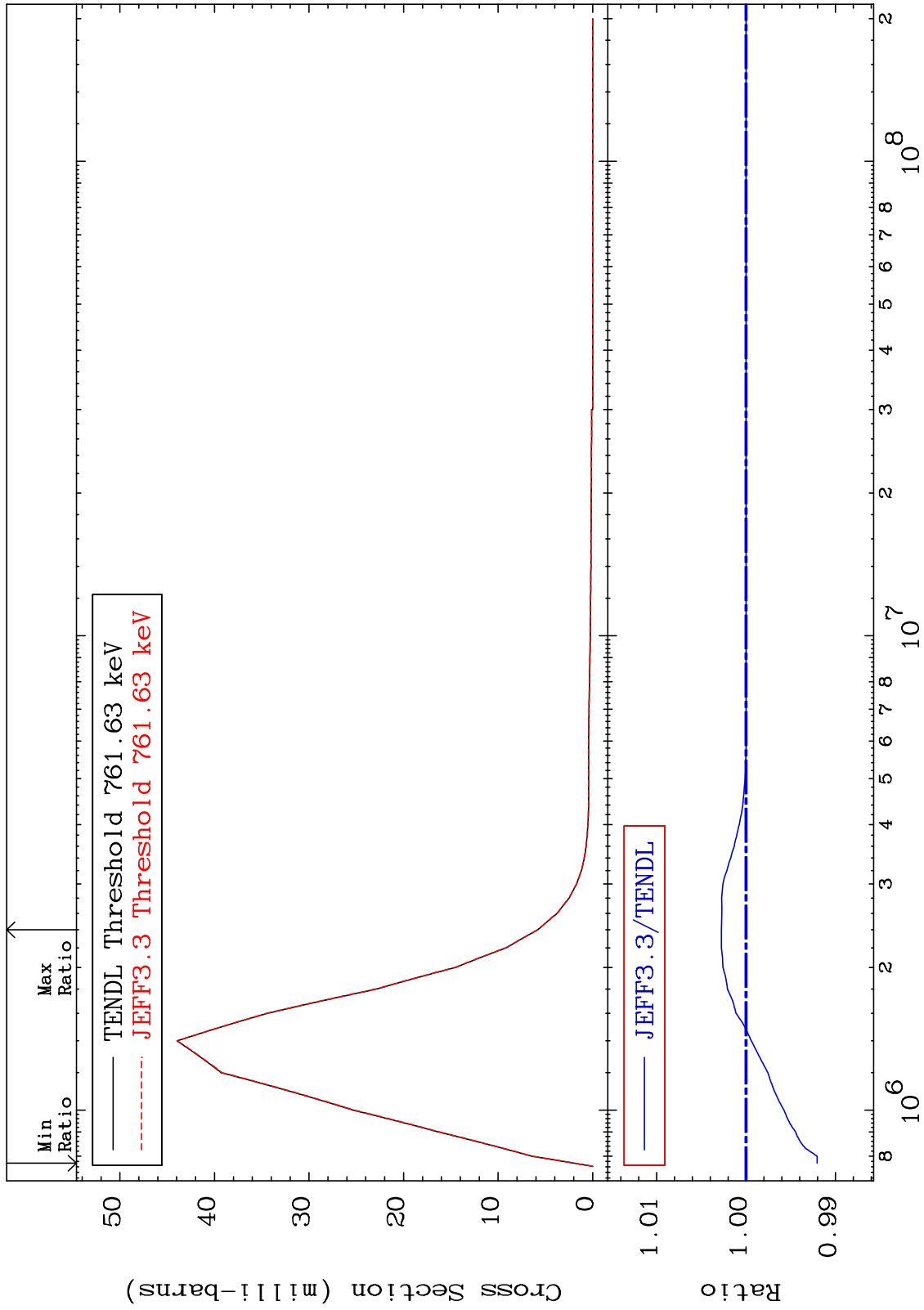
Incident Energy (eV)

75-Re-185

MAT 7525

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

75-Re-185  
-0.794 To 0.276 %



27

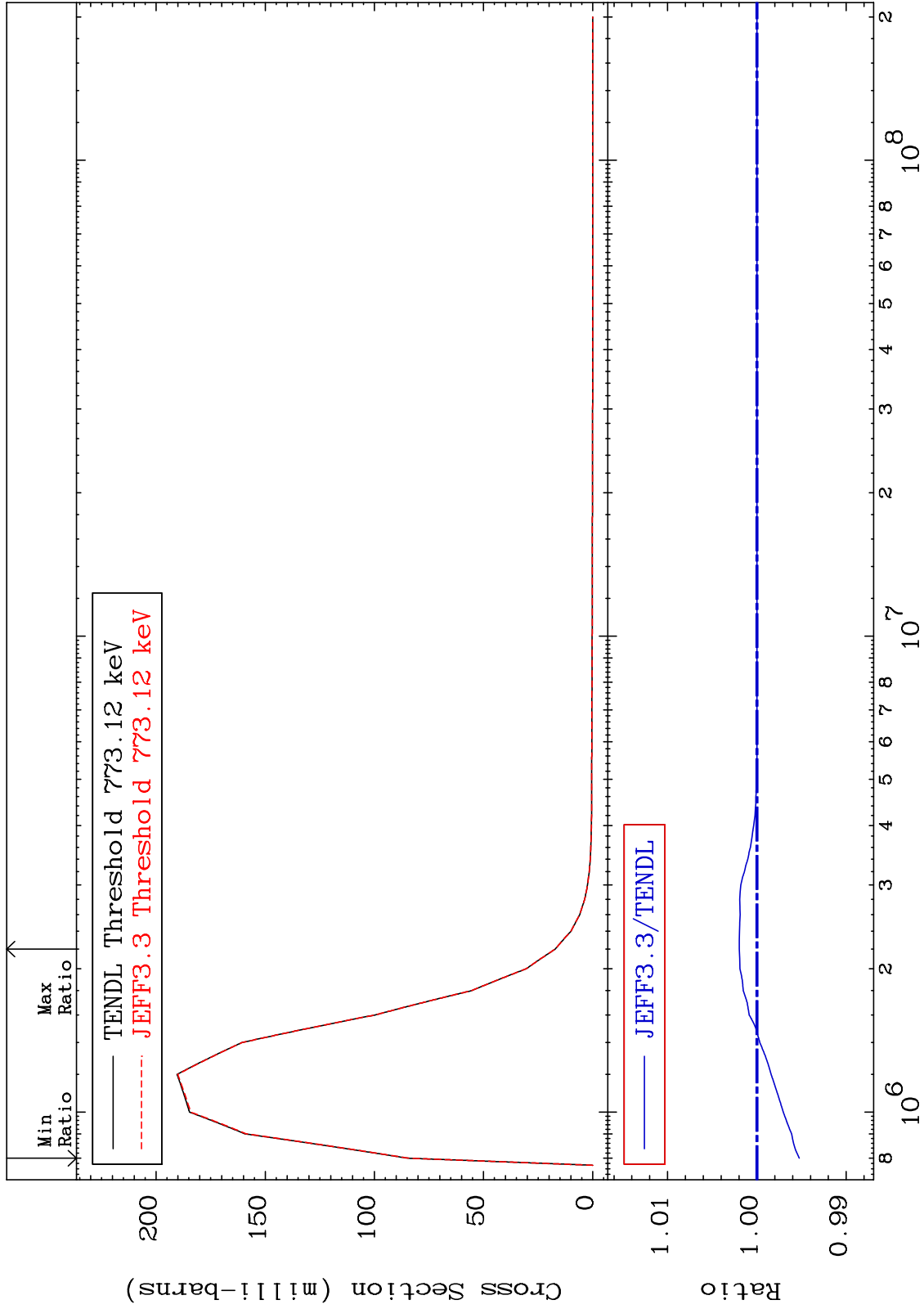
Incident Energy (eV)

75-Re-185

MAT 7525

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

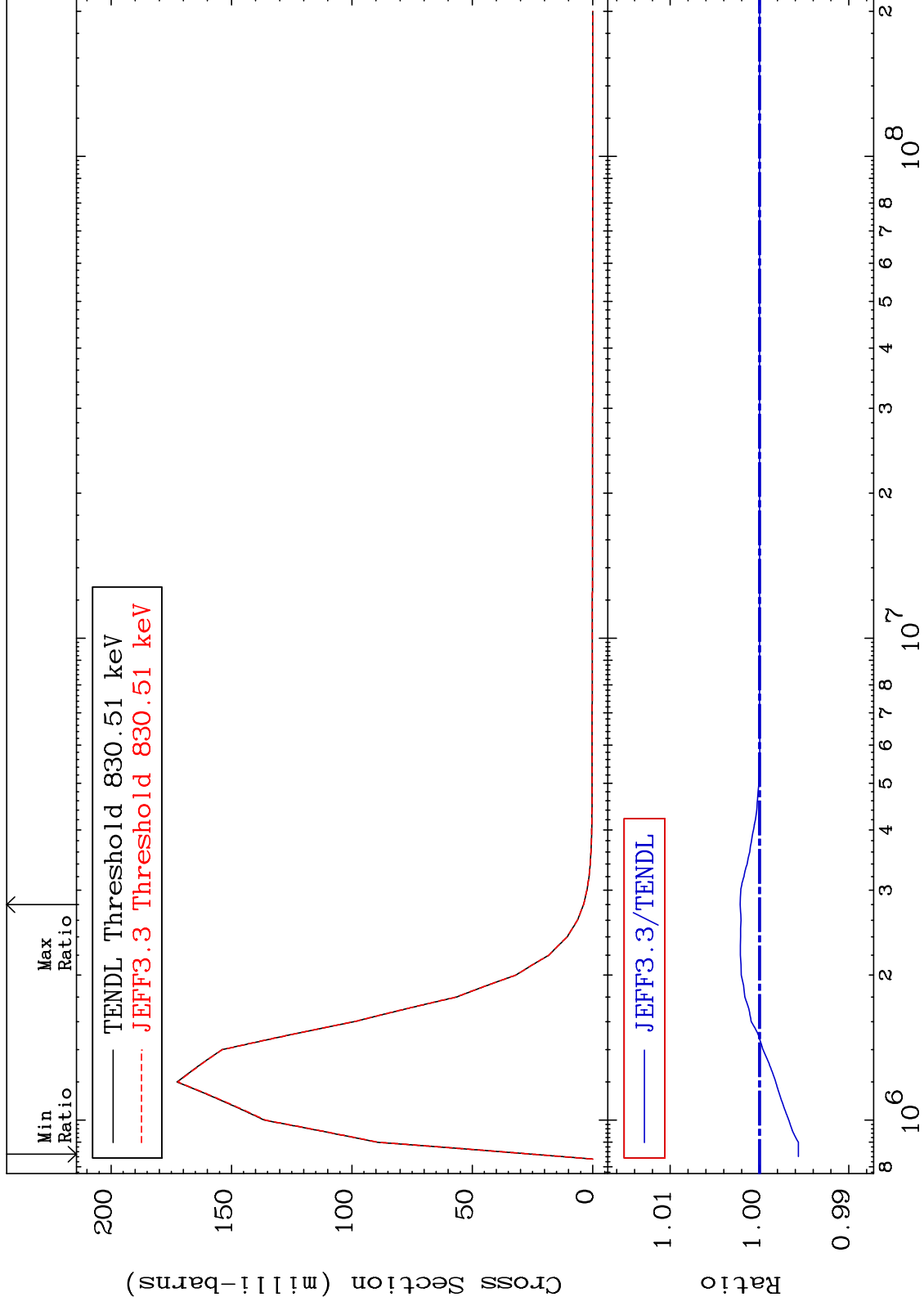
75-Re-185  
-0.474 To 0.199 %



MAT 7525

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

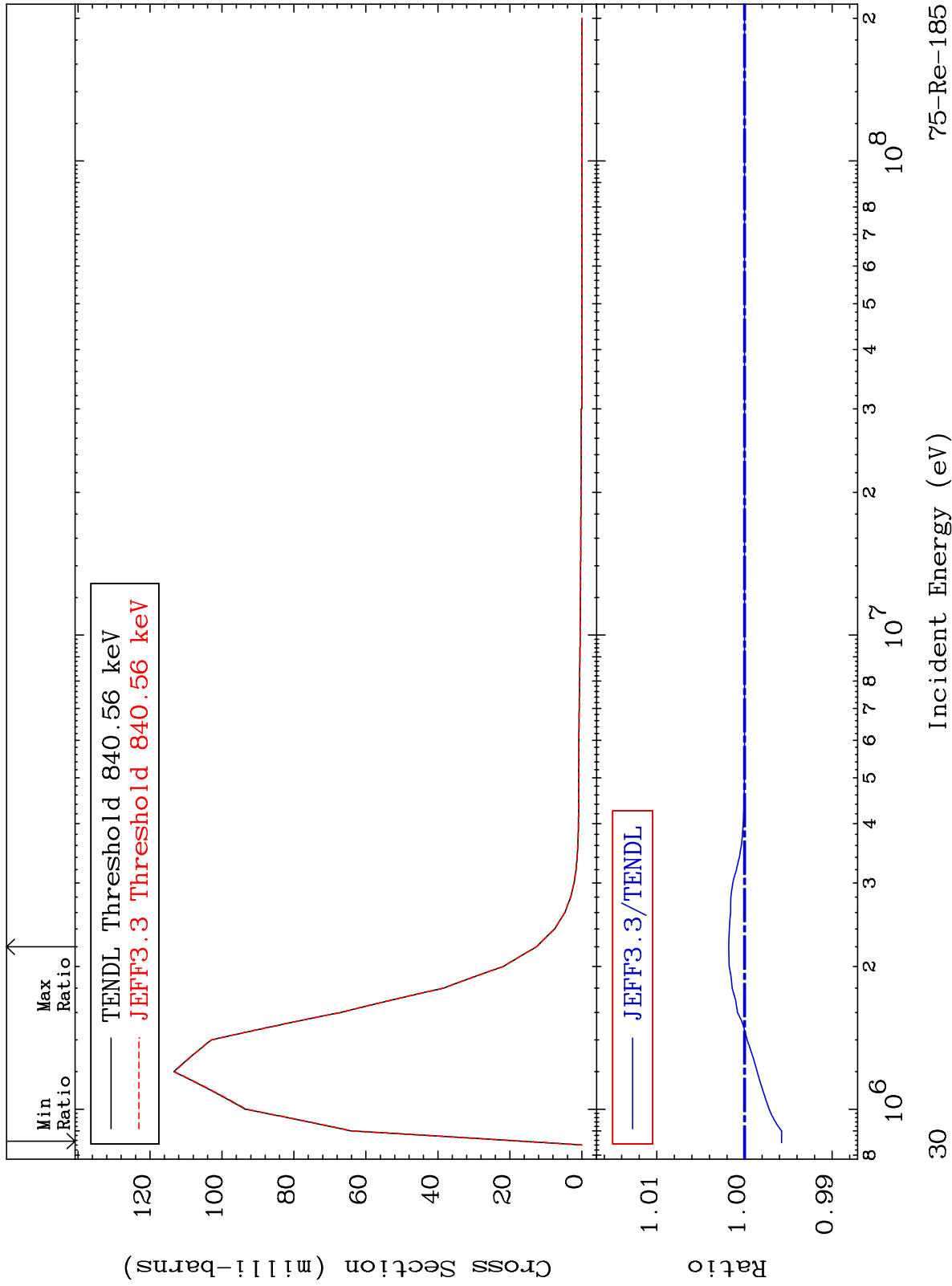
75-Re-185  
-0.434 To 0.217 %



MAT 7525

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

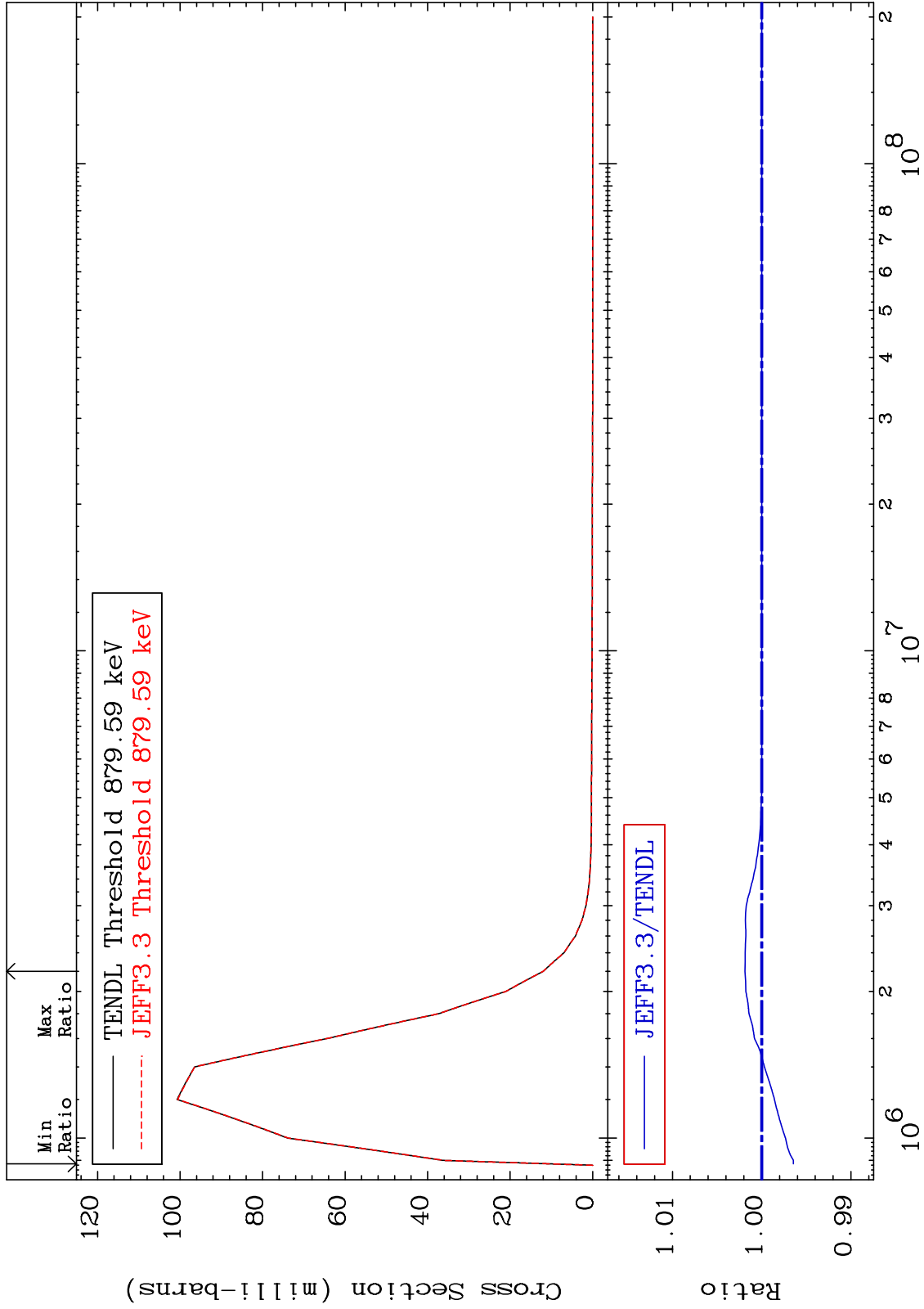
75-Re-185  
-0.423 To 0.180 %



MAT 7525

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

75-Re-185  
-0.355 To 0.187 %

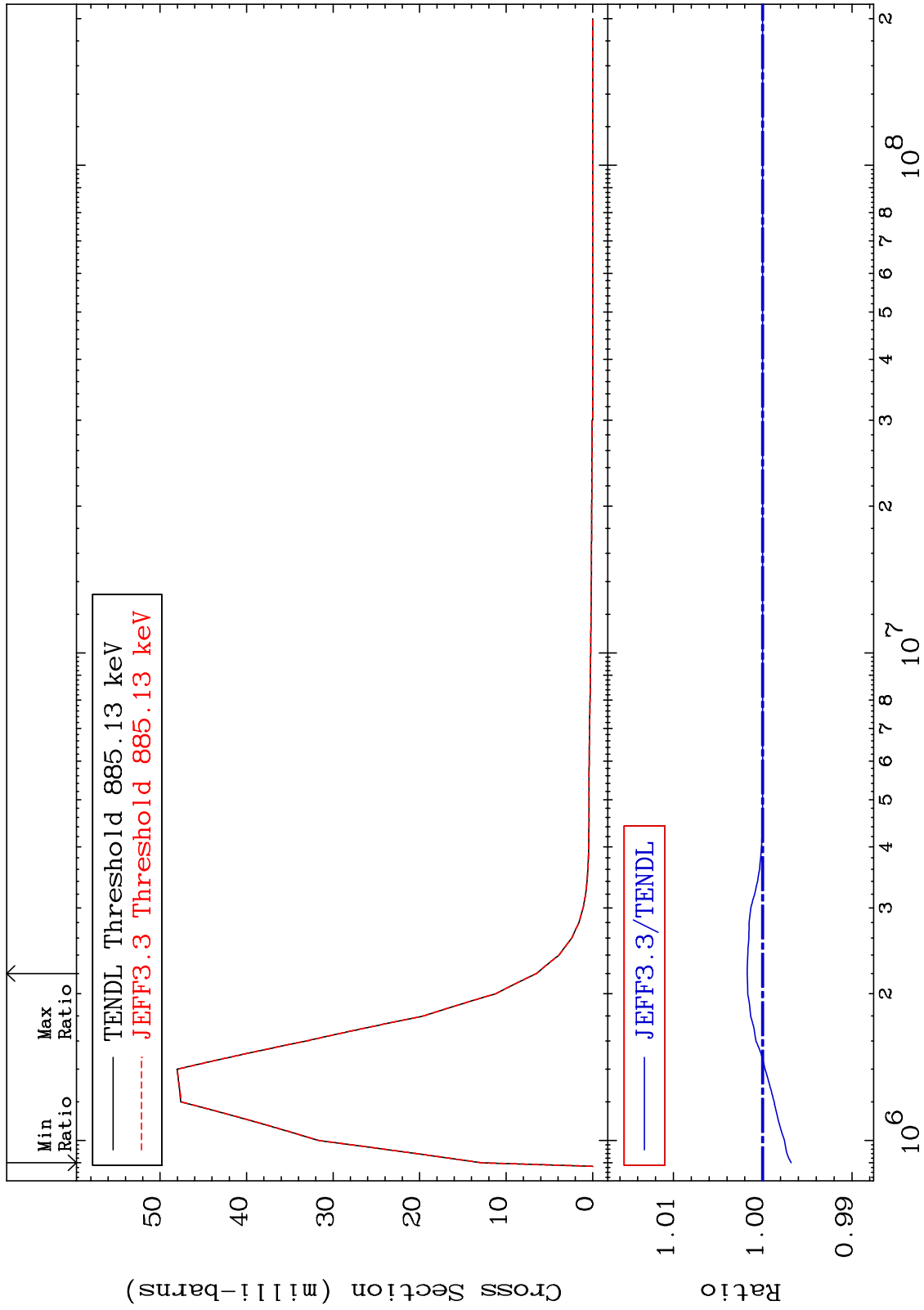




MAT 7525

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

75-Re-185  
-0.320 To 0.174 %



32

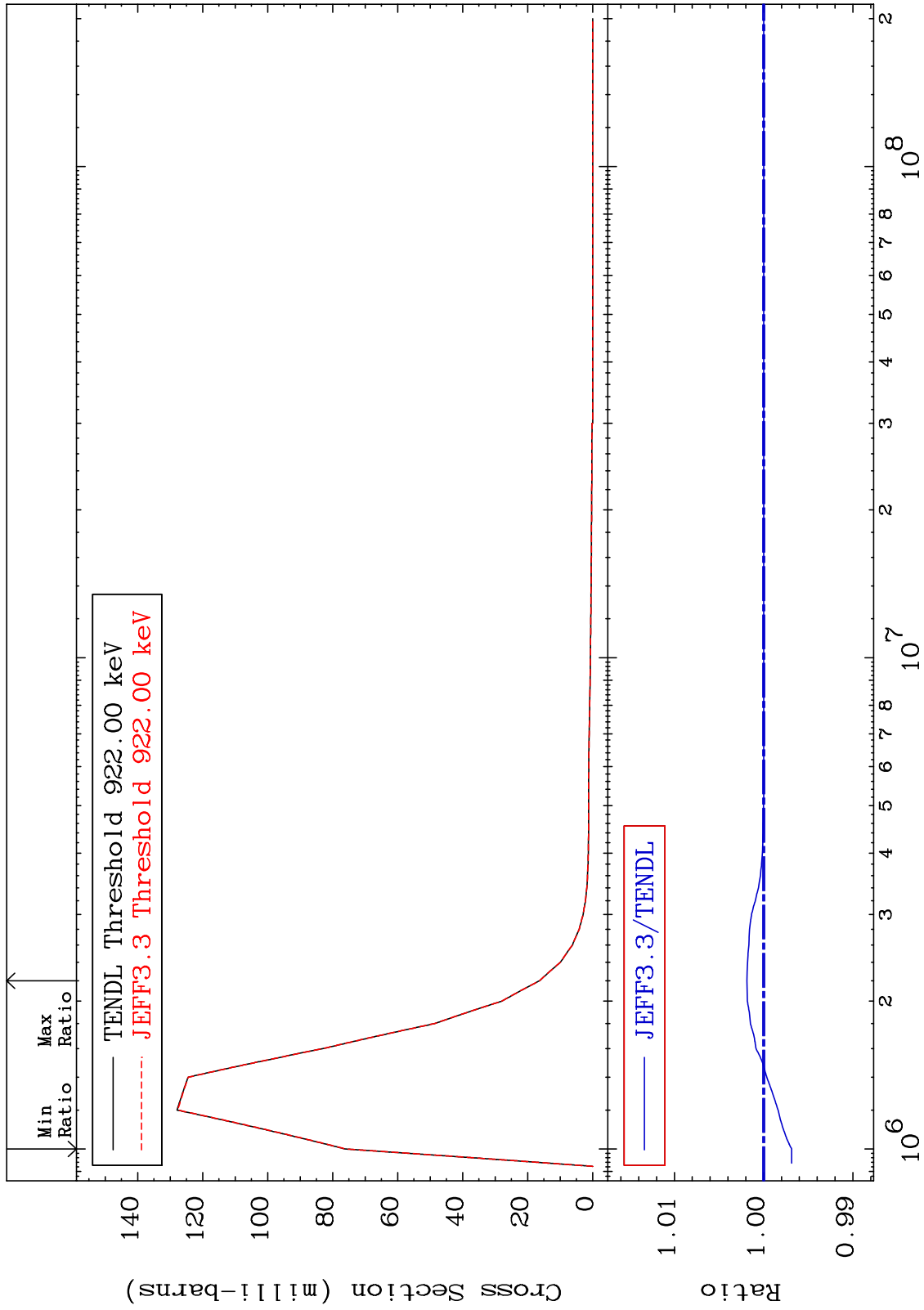
Incident Energy (eV)

75-Re-185

MAT 7525

MT= 65 (n,n') Level  
Cross Section

75-Re-185  
-0.313 To 0.188 %



Incident Energy (eV)

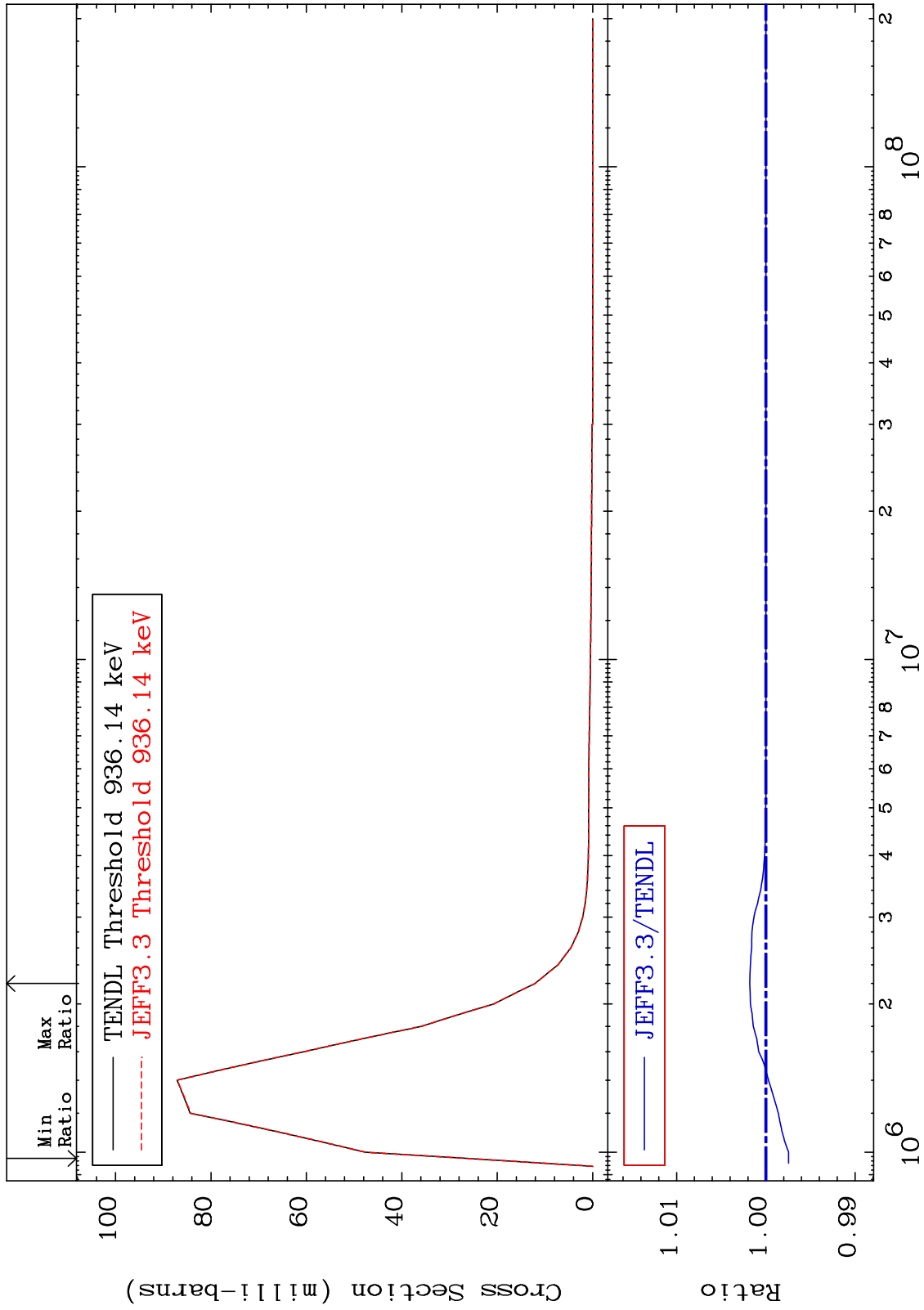
75-Re-185

33

MAT 7525

MT= 66 (n,n') Level  
Cross Section

75-Re-185  
-0.256 To 0.180 %



34

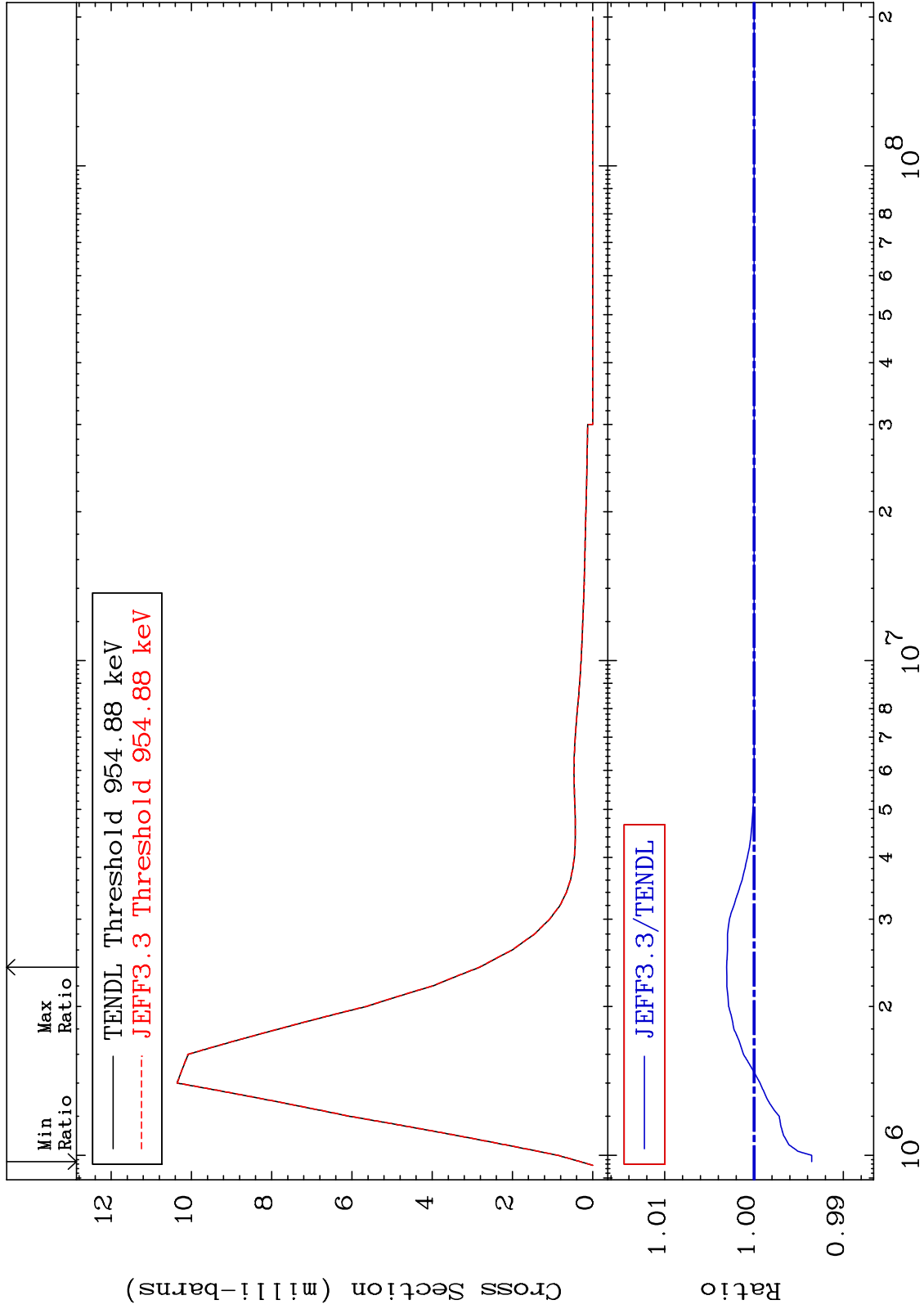
Incident Energy (eV)

75-Re-185

MAT 7525

MT= 67 (n,n') Level  
Cross Section

75-Re-185  
-0.645 To 0.306 %



Incident Energy (eV)

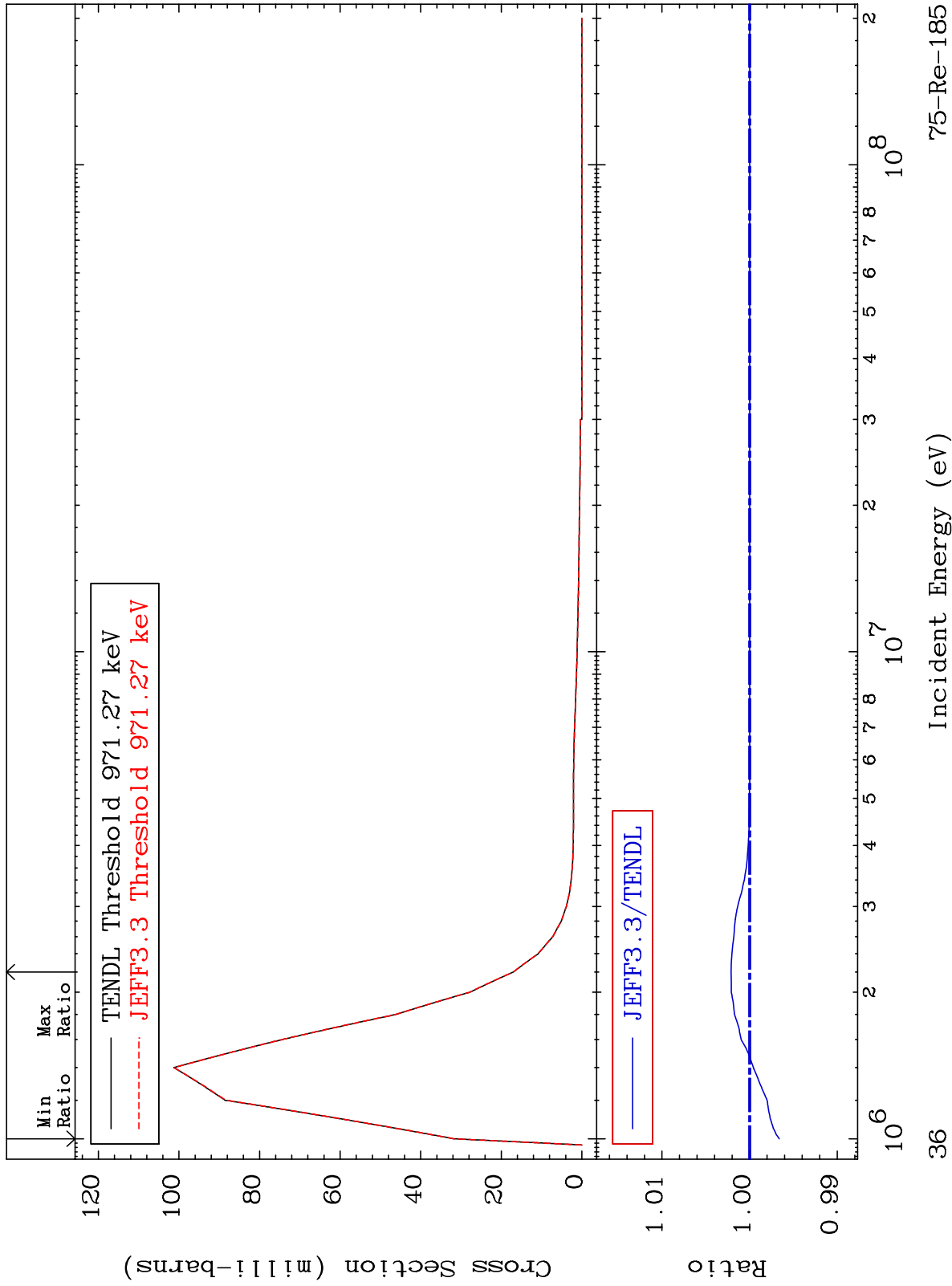
75-Re-185

35

MAT 7525

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

75-Re-185  
-0.338 To 0.213 %



Incident Energy (eV)

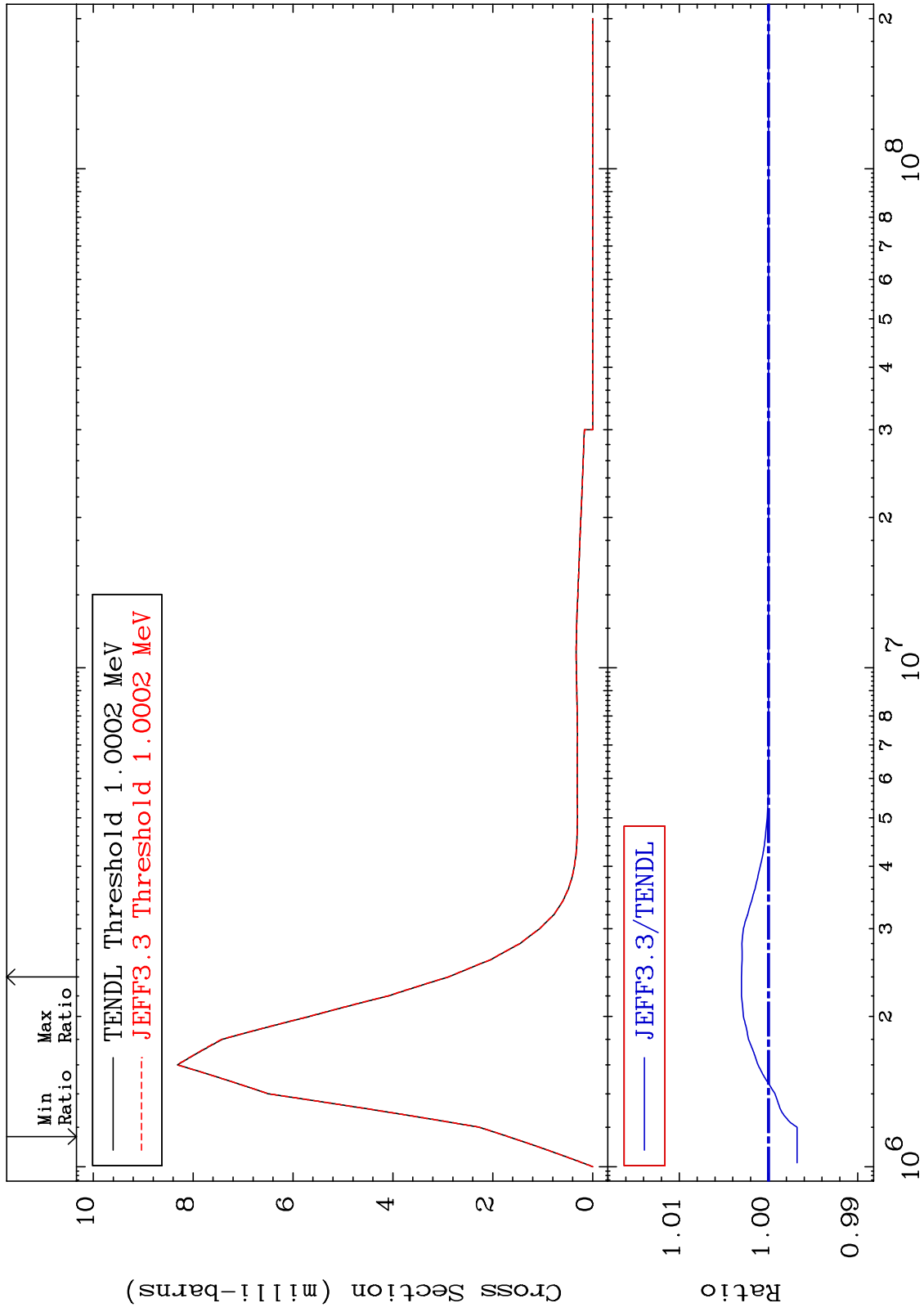
75-Re-185

36

MAT 7525

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

75-Re-185  
-0.320 To 0.304 %



37

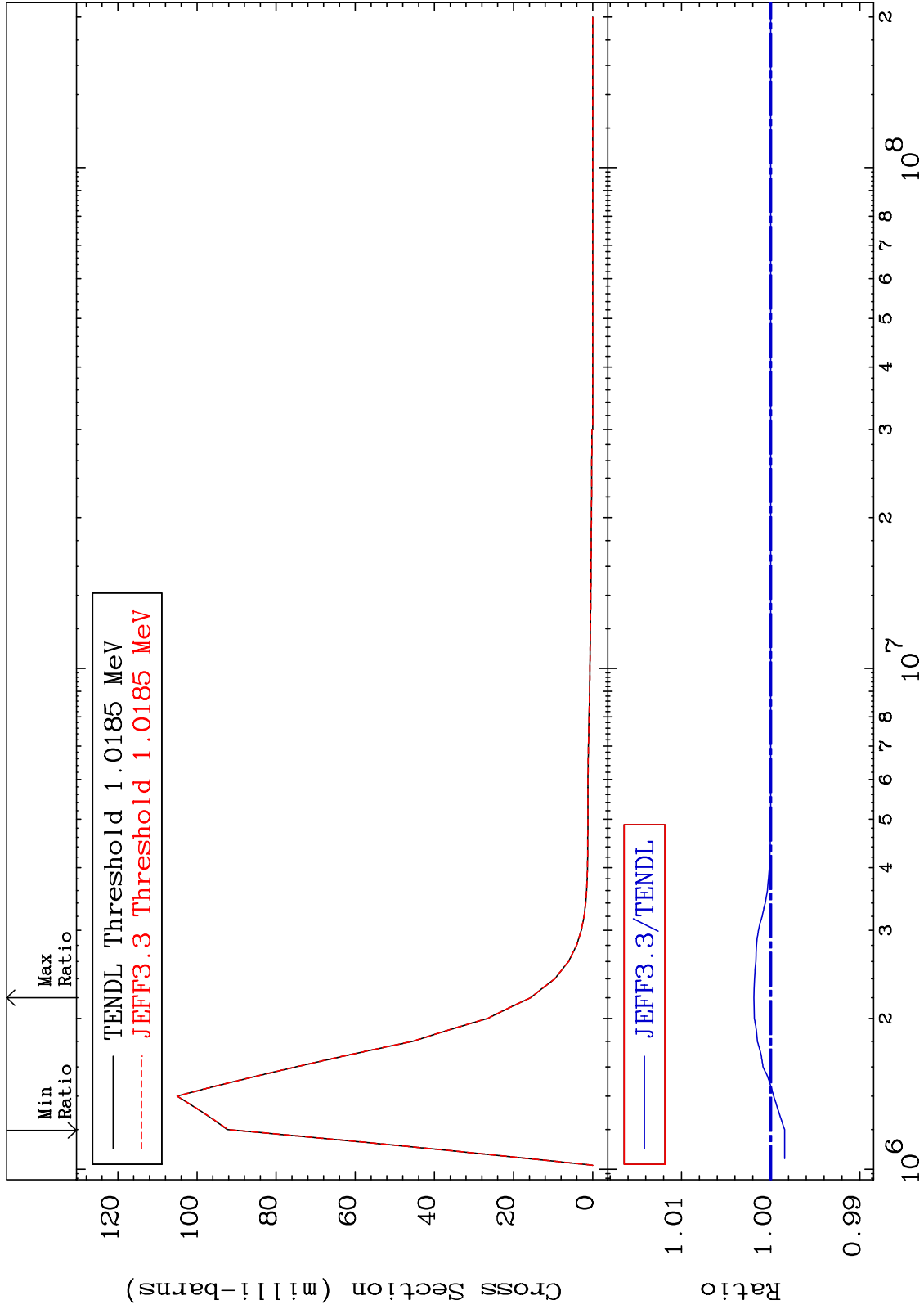
Incident Energy (eV)

75-Re-185

MAT 7525

MT= 70 (n,n') Level  
Cross Section

75-Re-185  
-0.156 To 0.189 %



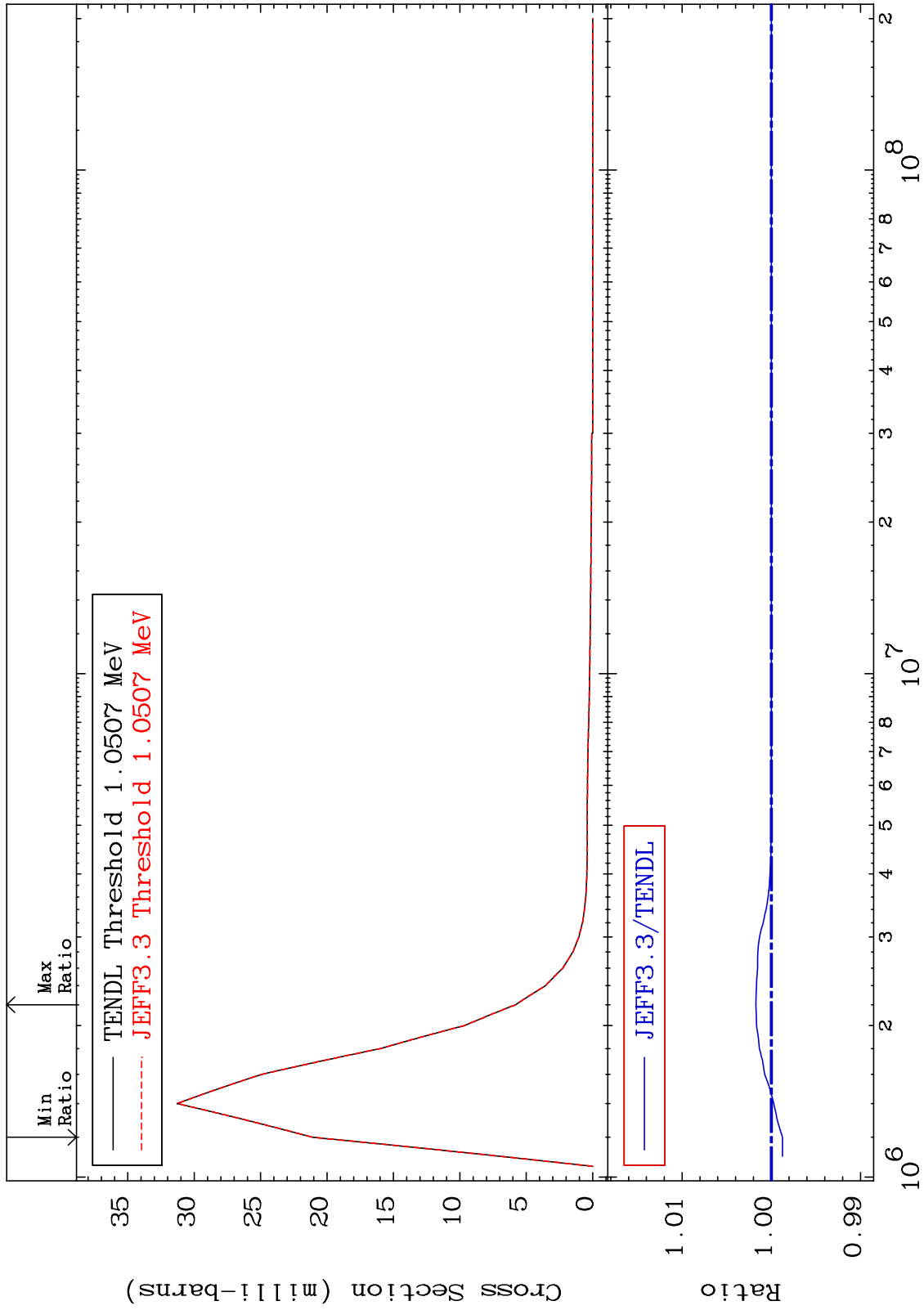
38

75-Re-185

MAT 7525

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

75-Re-185  
-0.126 To 0.173 %



39

Incident Energy (eV)

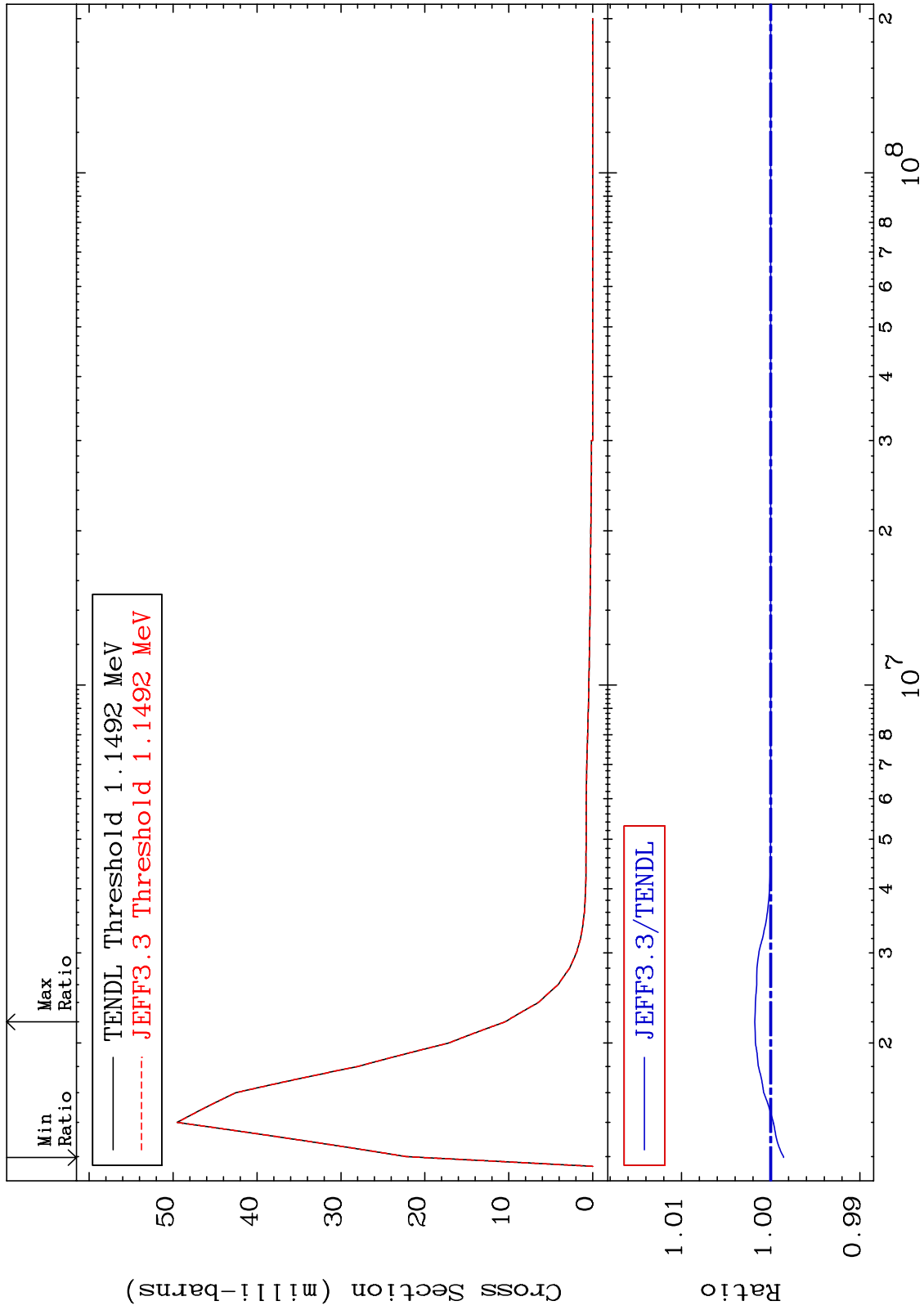
75-Re-185



MAT 7525

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

75-Re-185  
-0.144 To 0.178 %

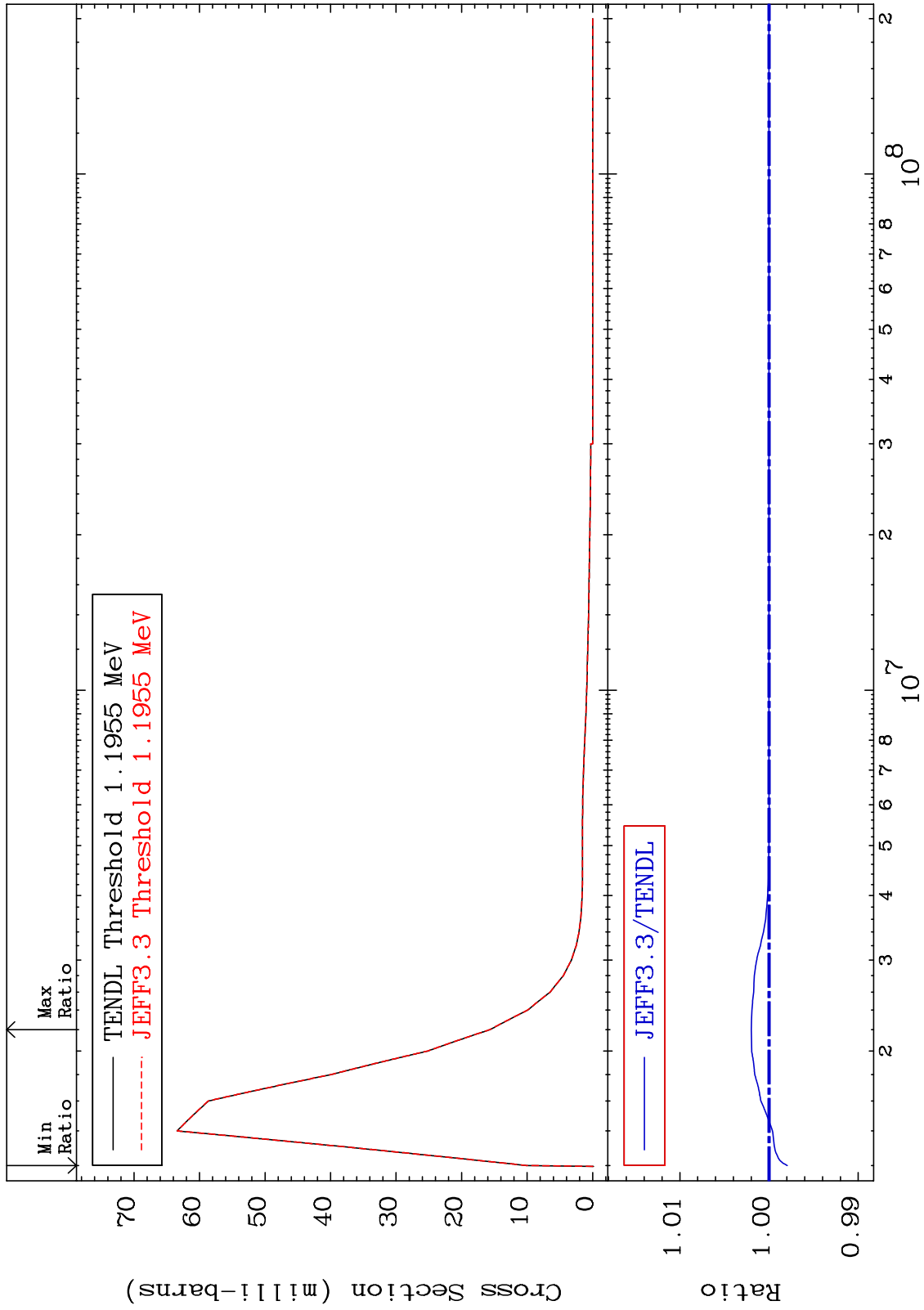


40

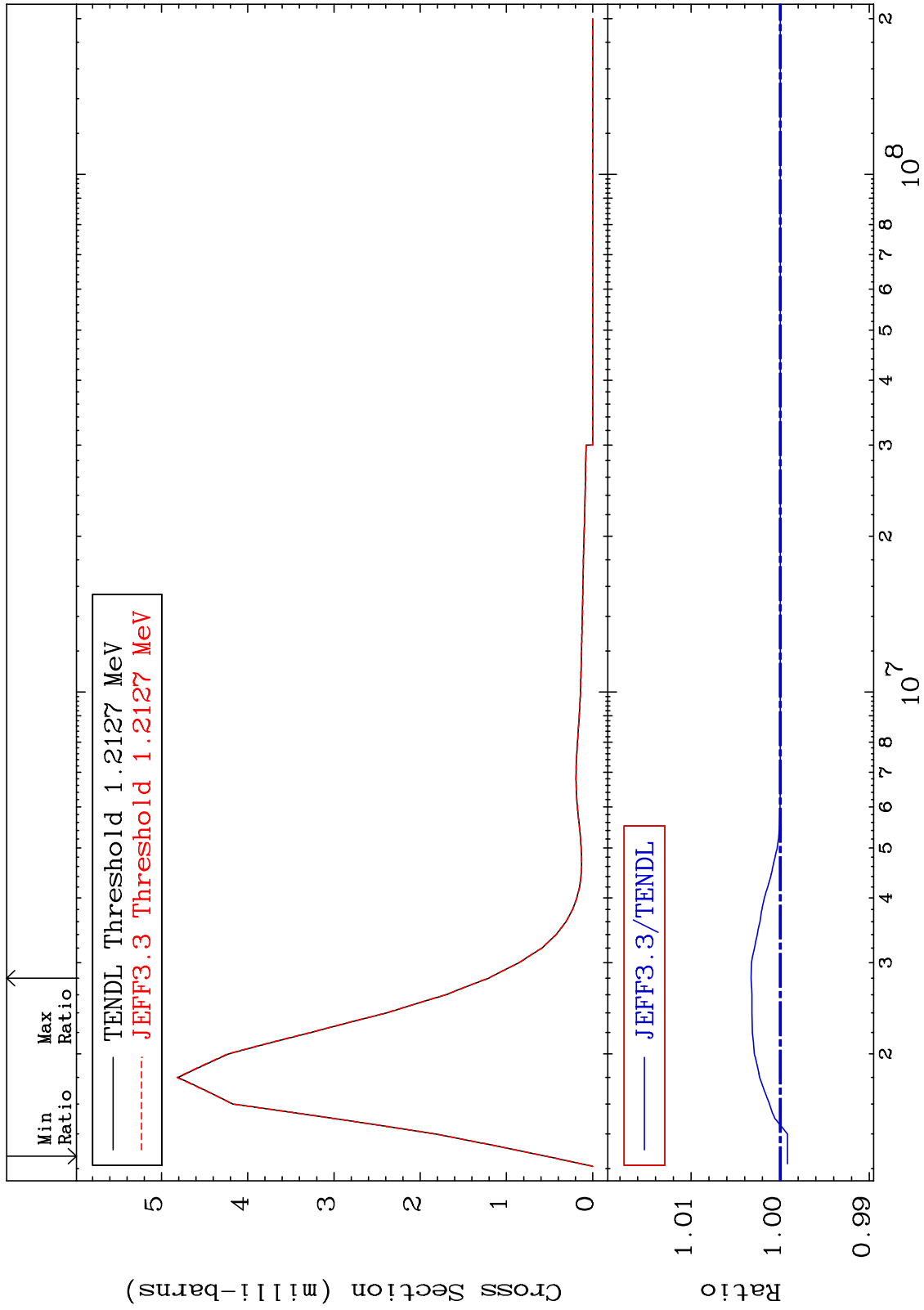
Incident Energy (eV)

75-Re-185

MAT 7525 MT= 73 (n,n') Level Cross Section 75-Re-185 -0.204 To 0.200 %



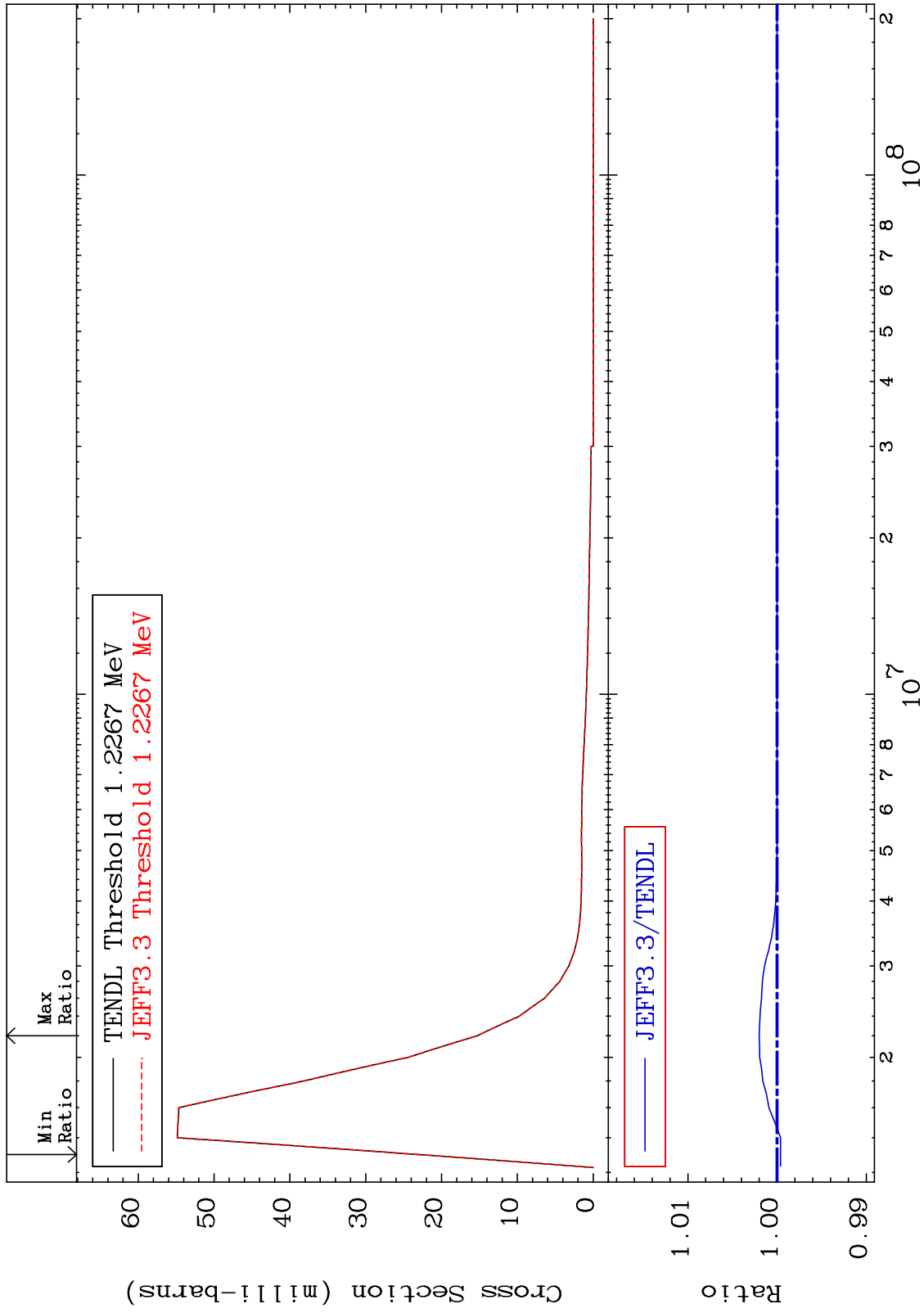
MAT 7525 MT= 74 (n,n') Level  
 Cross Section 75-Re-185  
 -0.080 To 0.328 %



MAT 7525

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

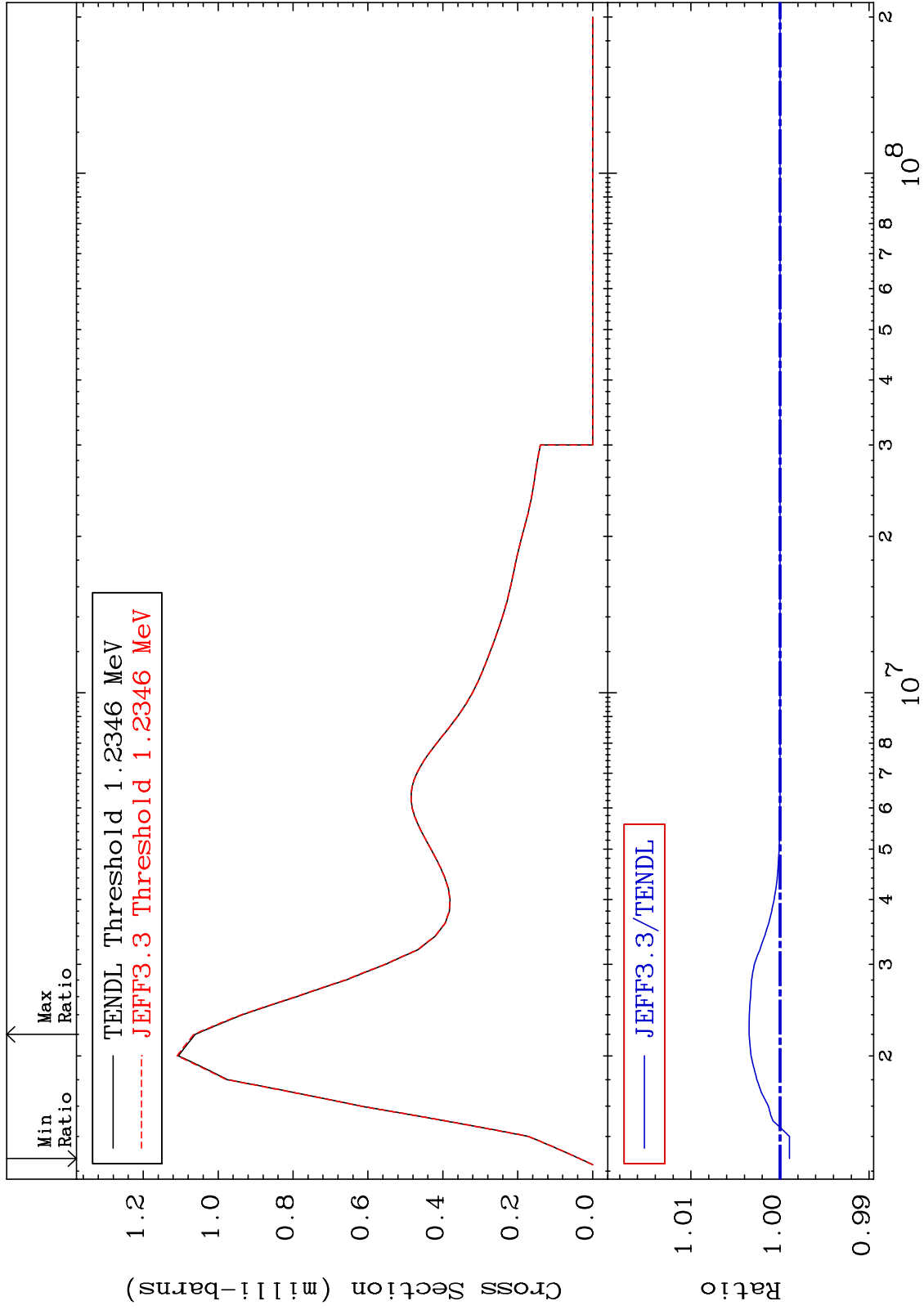
75-Re-185  
-0.039 To 0.200 %



MAT 7525

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

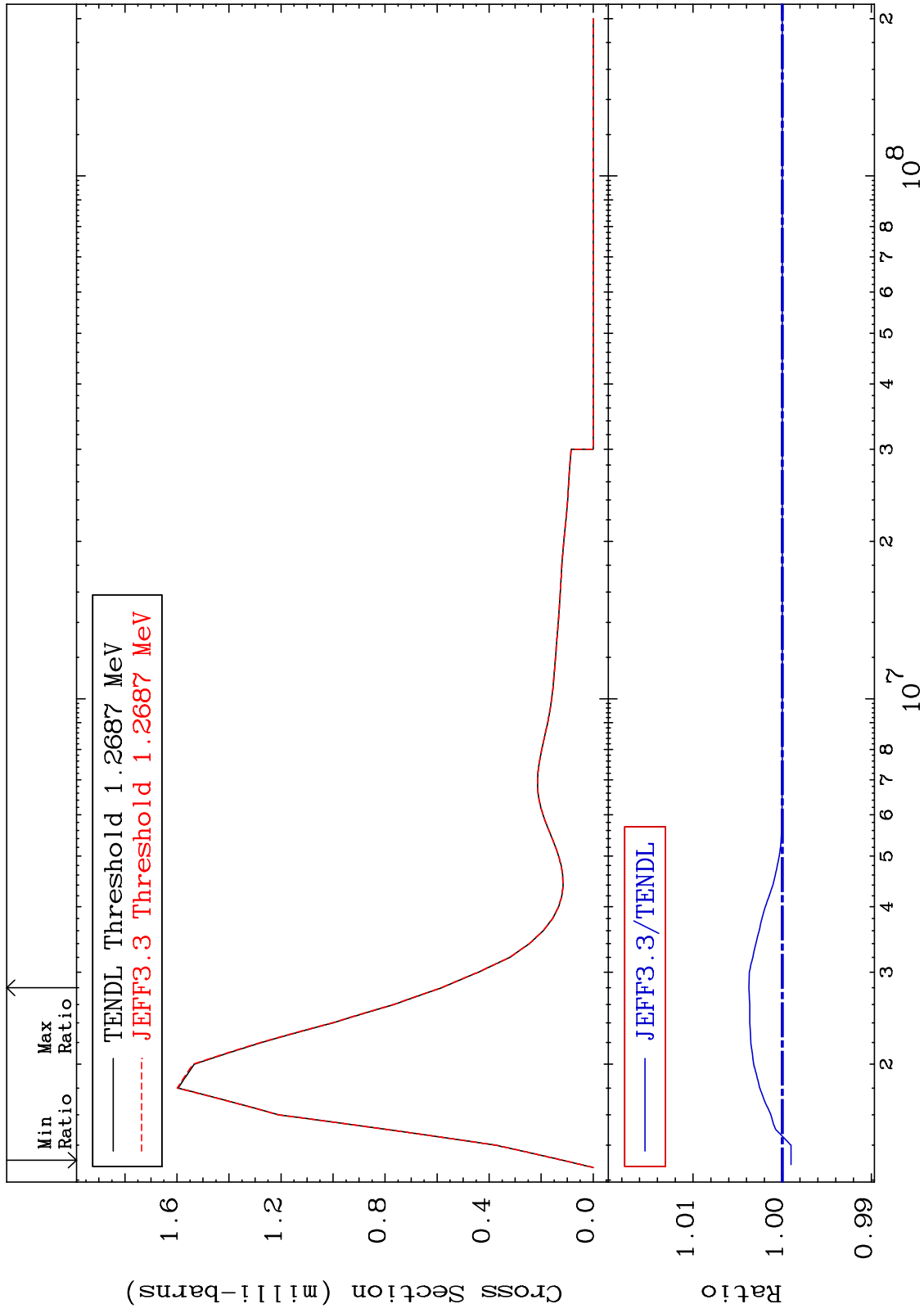
75-Re-185  
-0.105 To 0.348 %



MAT 7525

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

75-Re-185  
-0.098 To 0.374 %



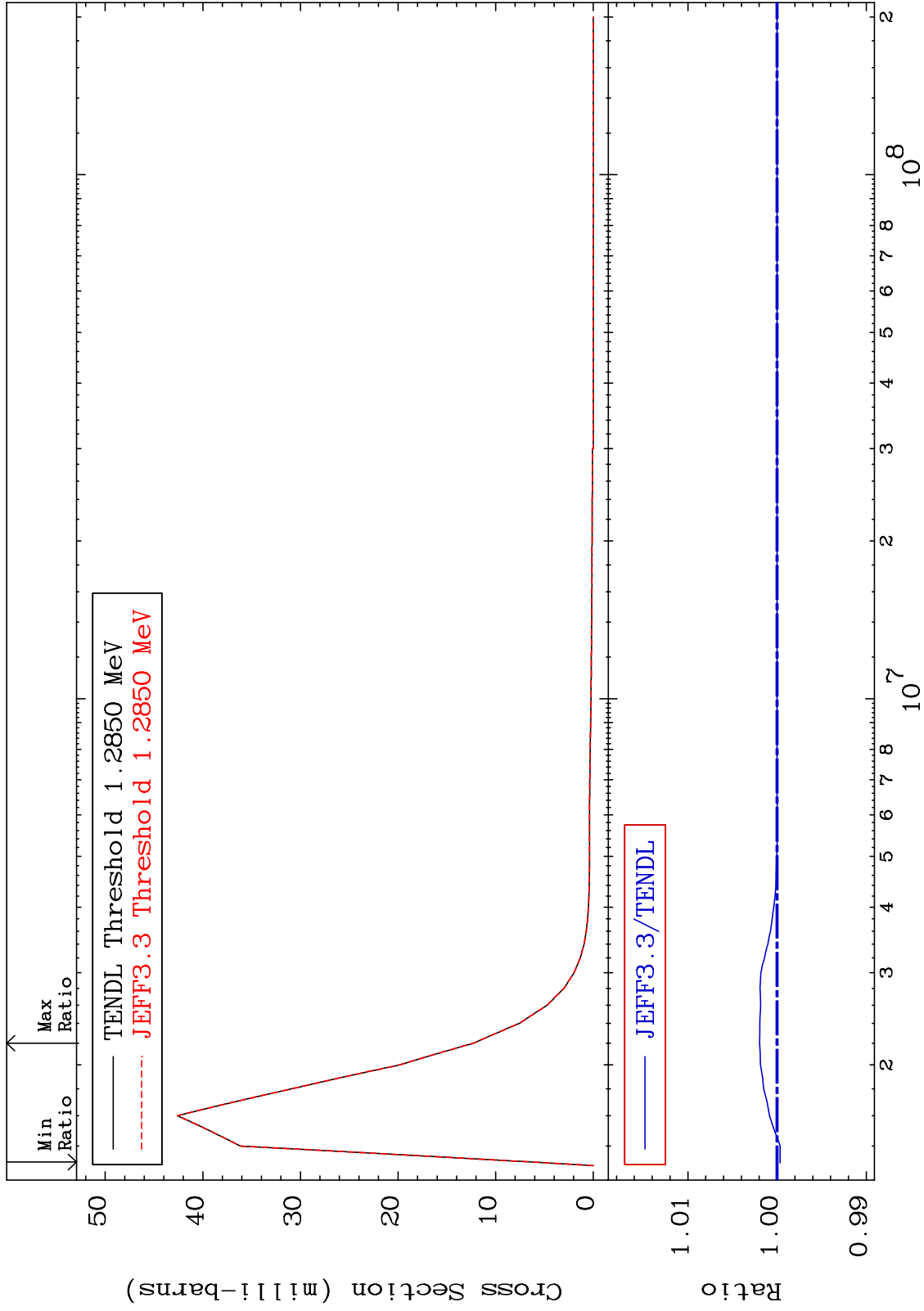
45

75-Re-185

MAT 7525

MT= 78 (n,n') Level  
Cross Section

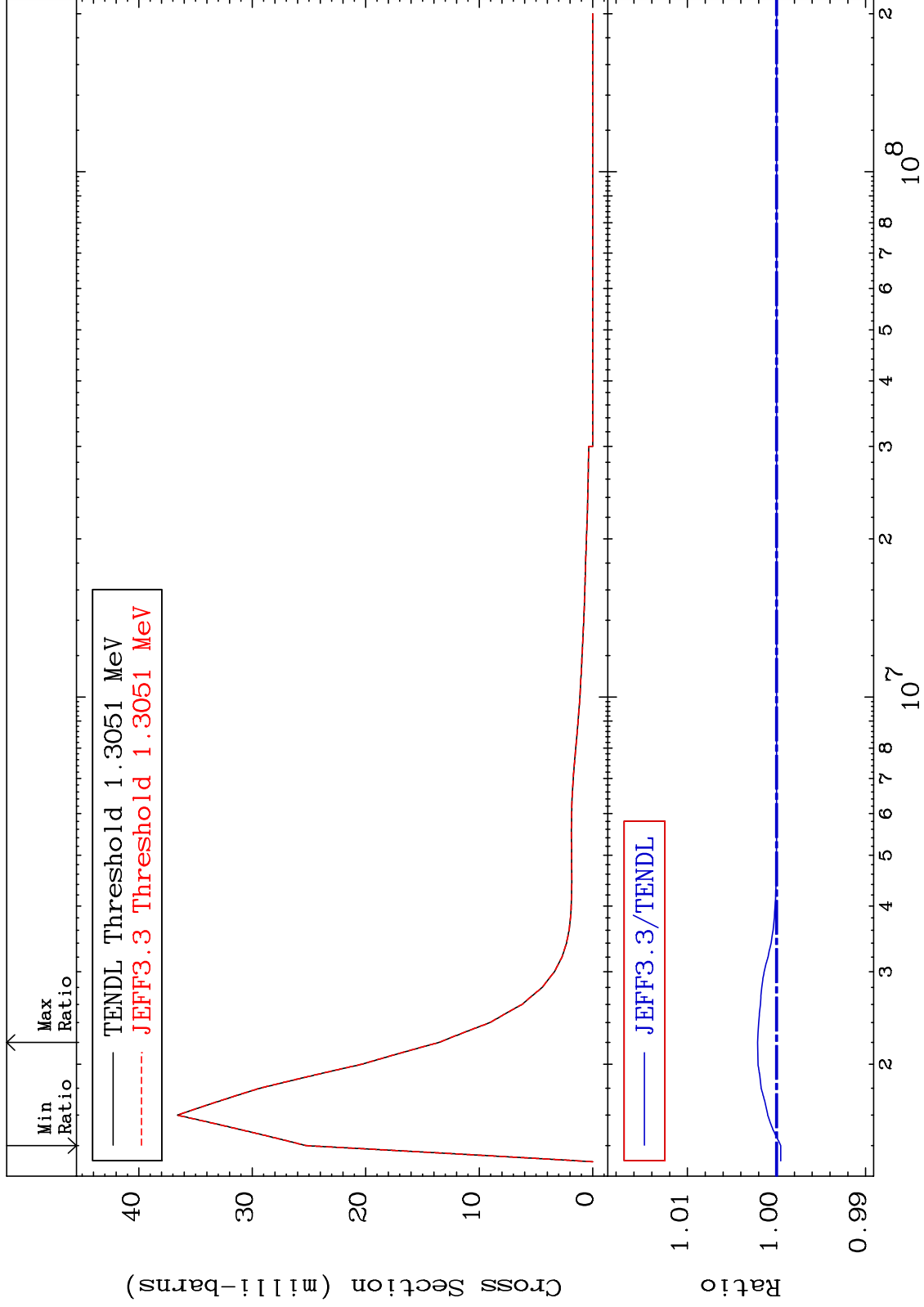
75-Re-185  
-0.035 To 0.196 %



MAT 7525

MT= 79 (n, n') Level  
Cross Section

75-Re-185  
-0.048 To 0.212 %

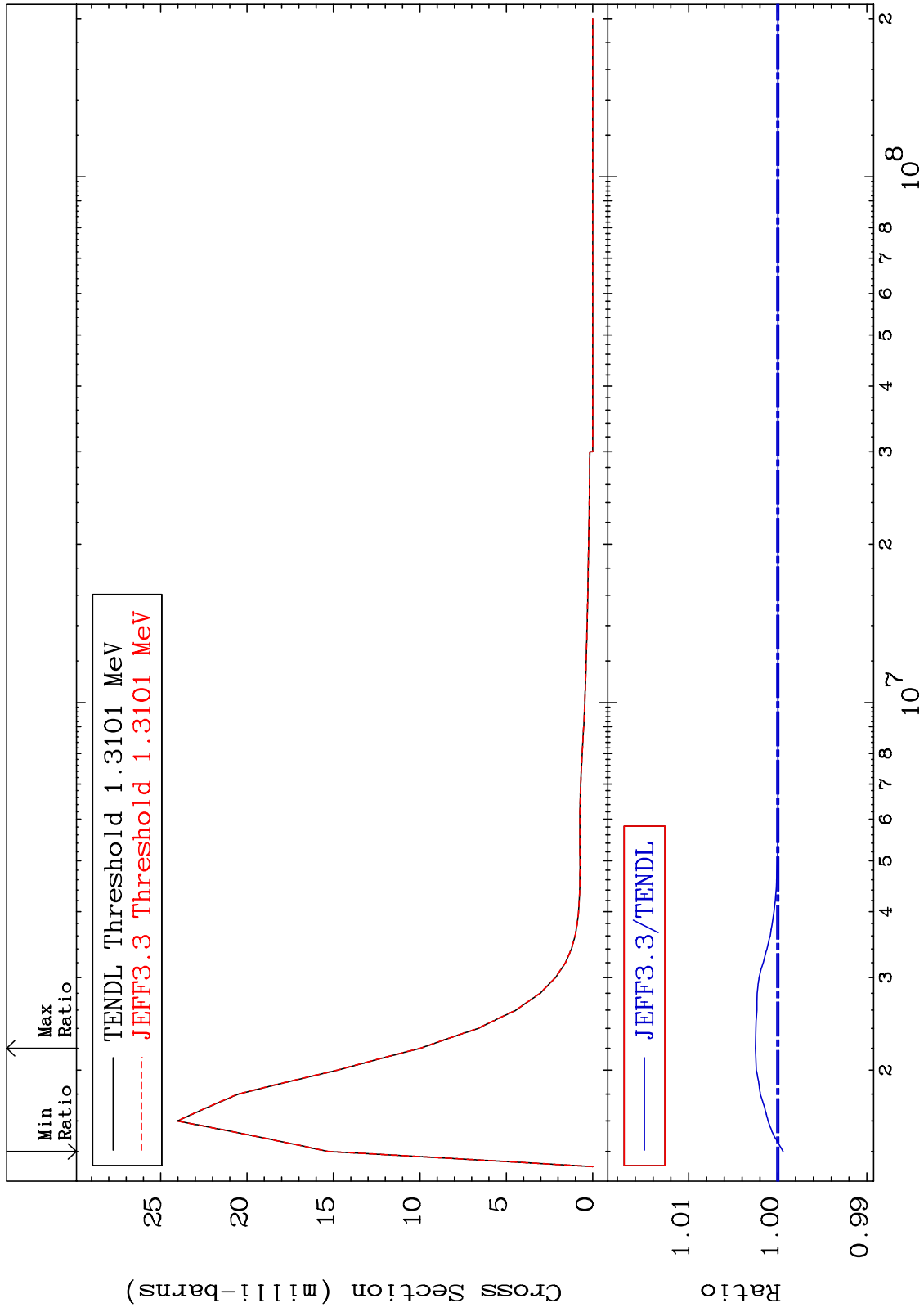




MAT 7525

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

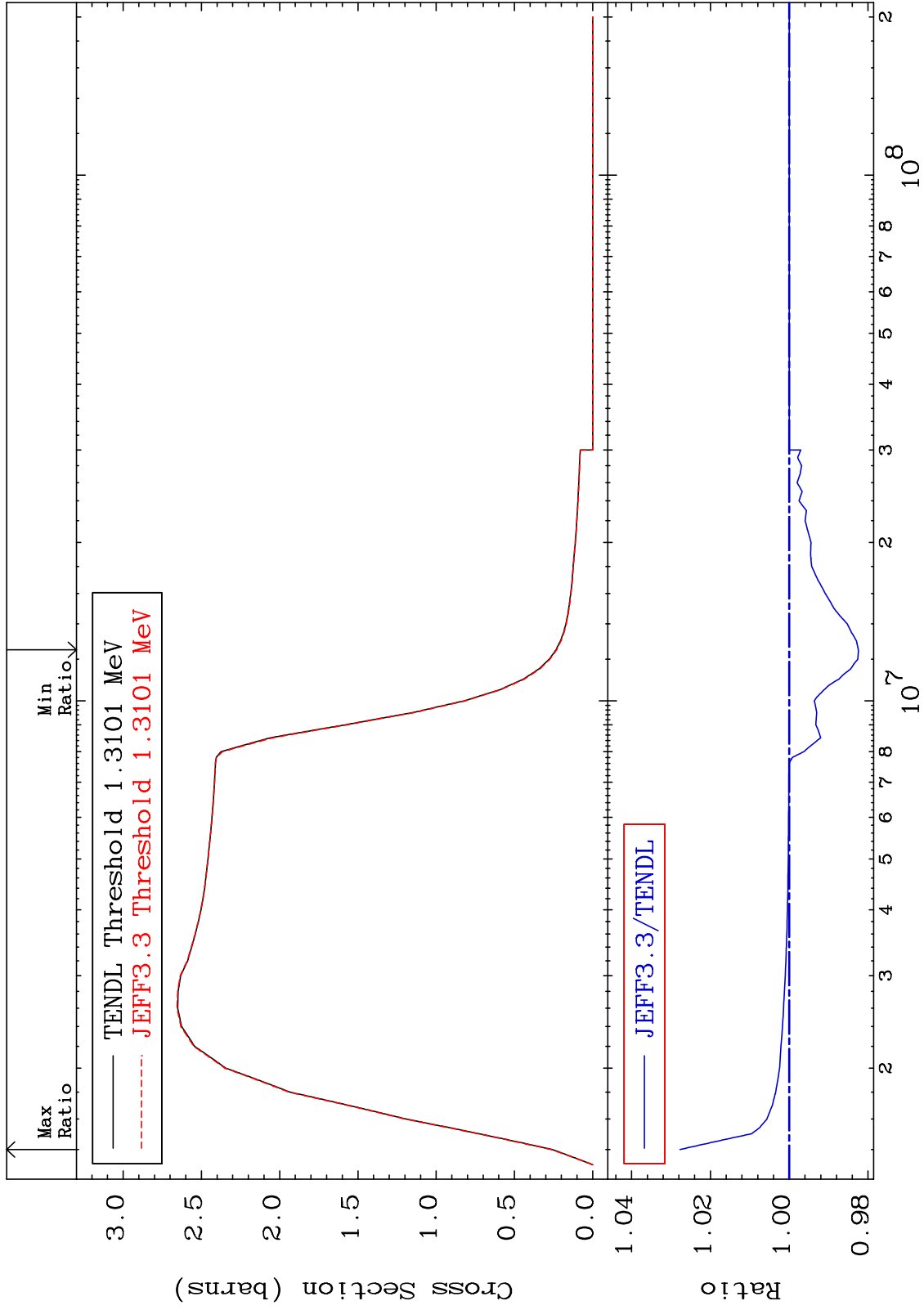
75-Re-185  
-0.059 To 0.252 %



MAT 7525

(n, n') Continuum  
Cross Section

<sup>75</sup>Re-185  
-1.755 To 2.771 %



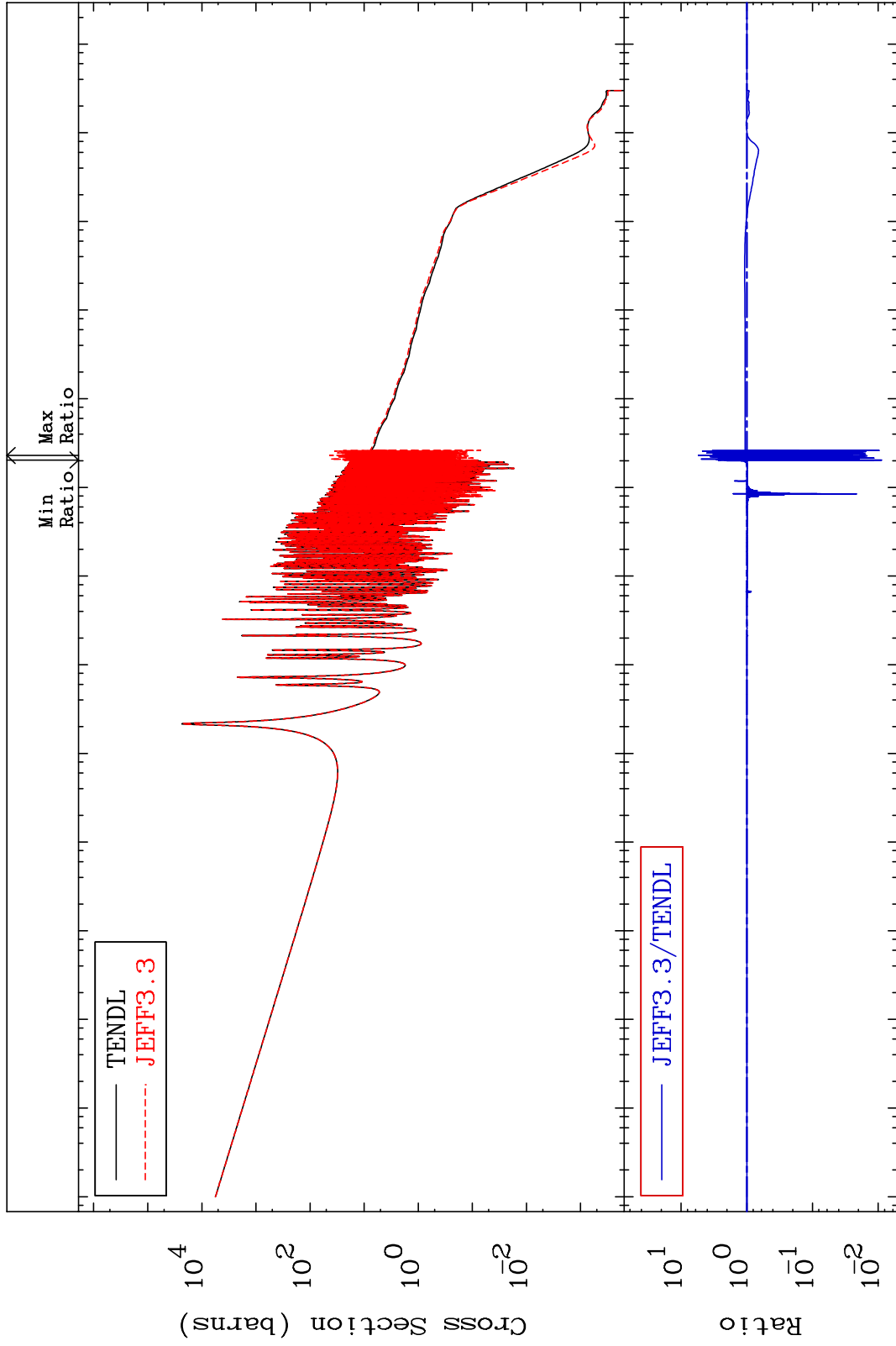
MAT 7525

(n,  $\gamma$ )

75-Re-185

Cross Section

-99.11 To 445.8 %



50

Incident Energy (eV)

75-Re-185

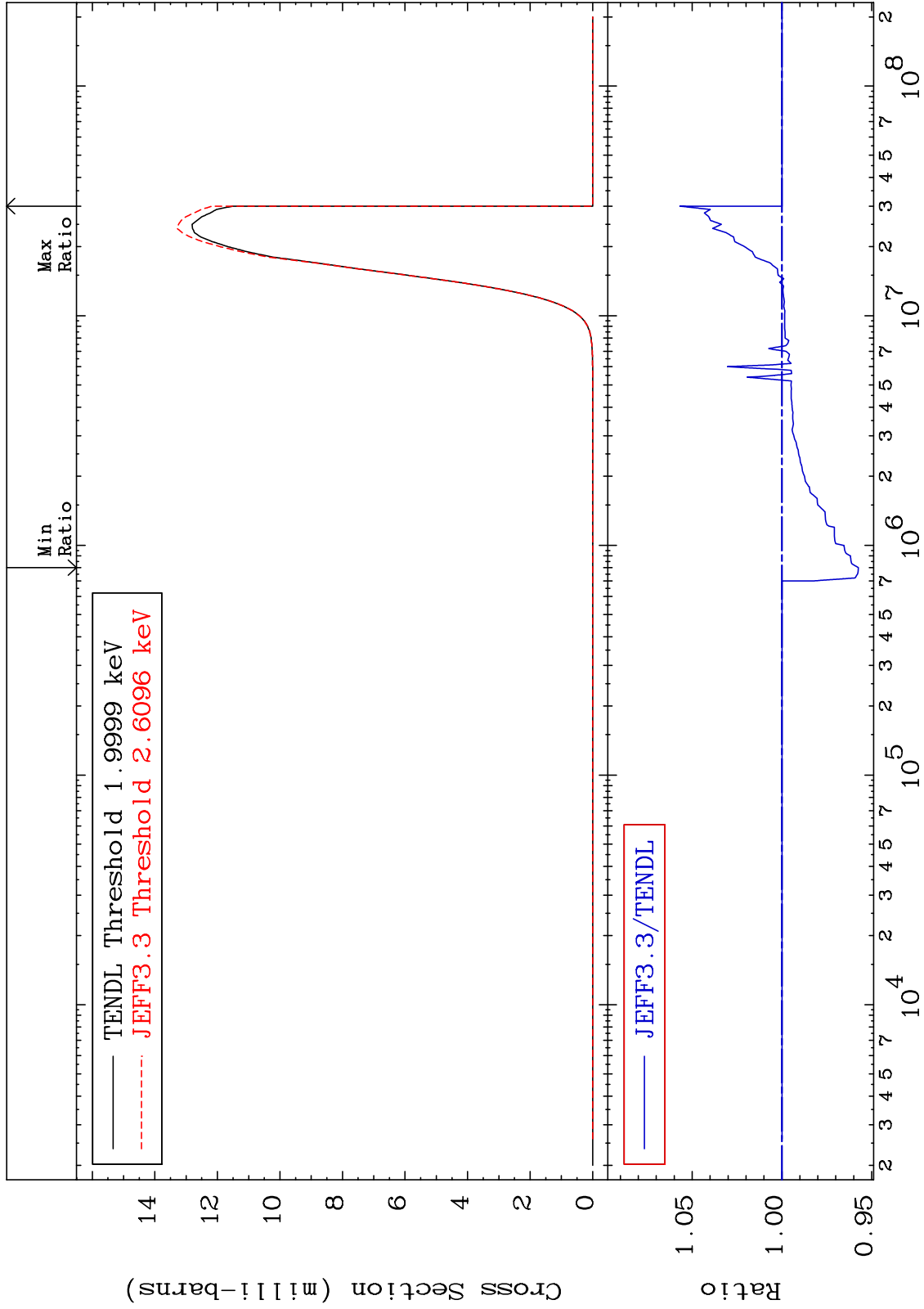
MAT 7525

(n, p)

75-Re-185

Cross Section

-4.260 To 5.675 %



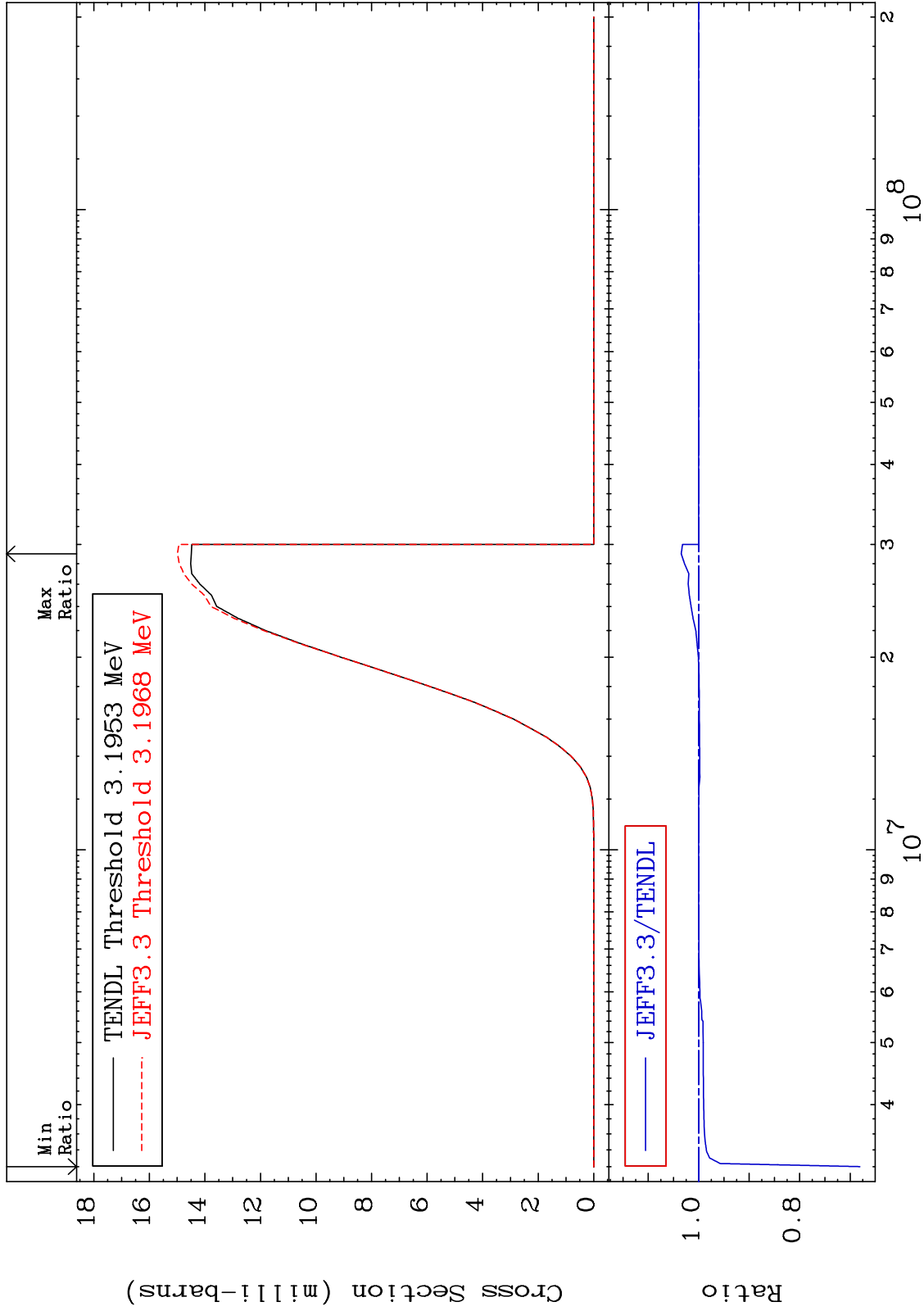
MAT 7525

(n, d)

75-Re-185

Cross Section

-31.94 To 3.464 %



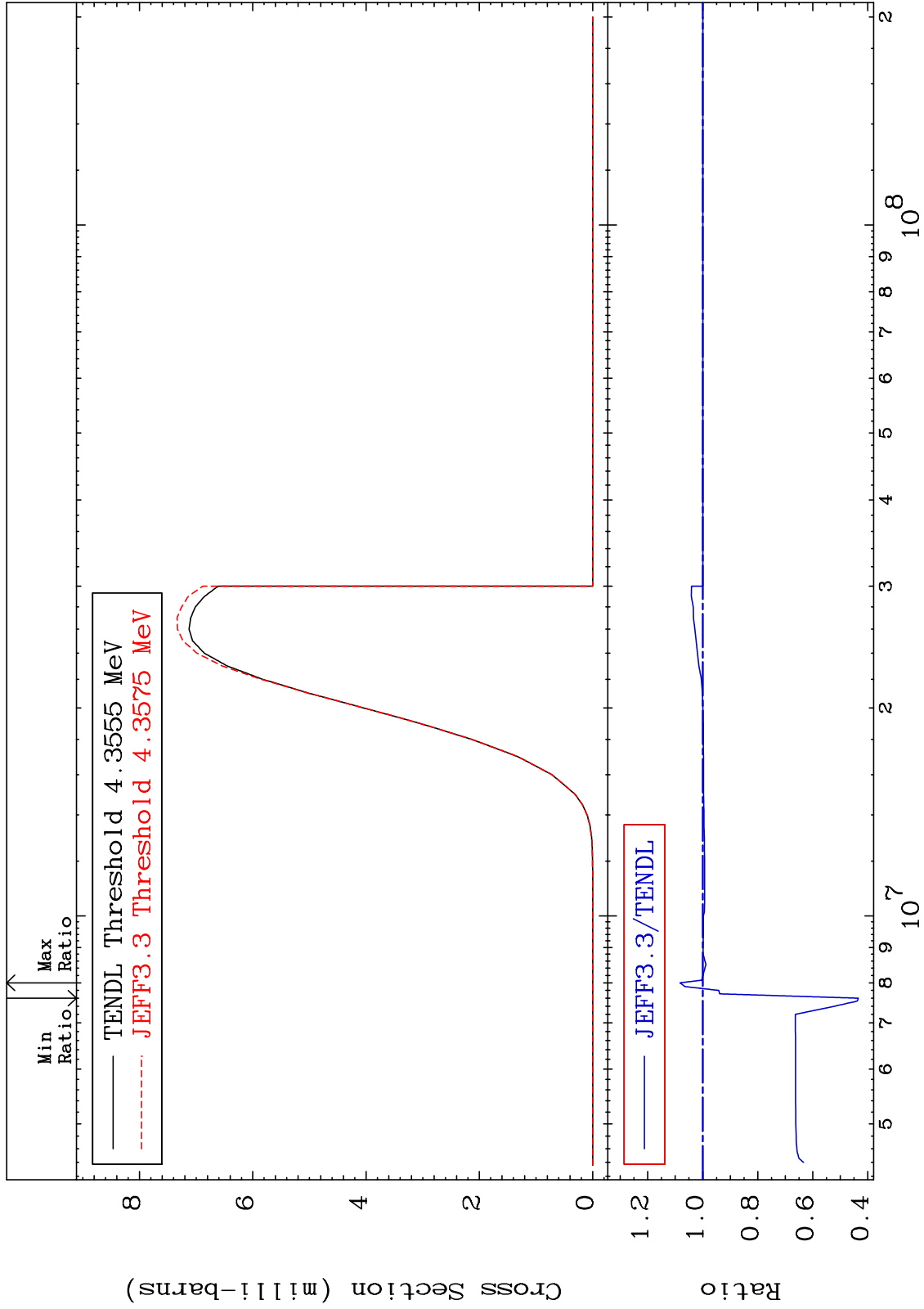
MAT 7525

(n, t)

75-Re-185

Cross Section

-56.58 To 8.262 %



53

Incident Energy (eV)

75-Re-185

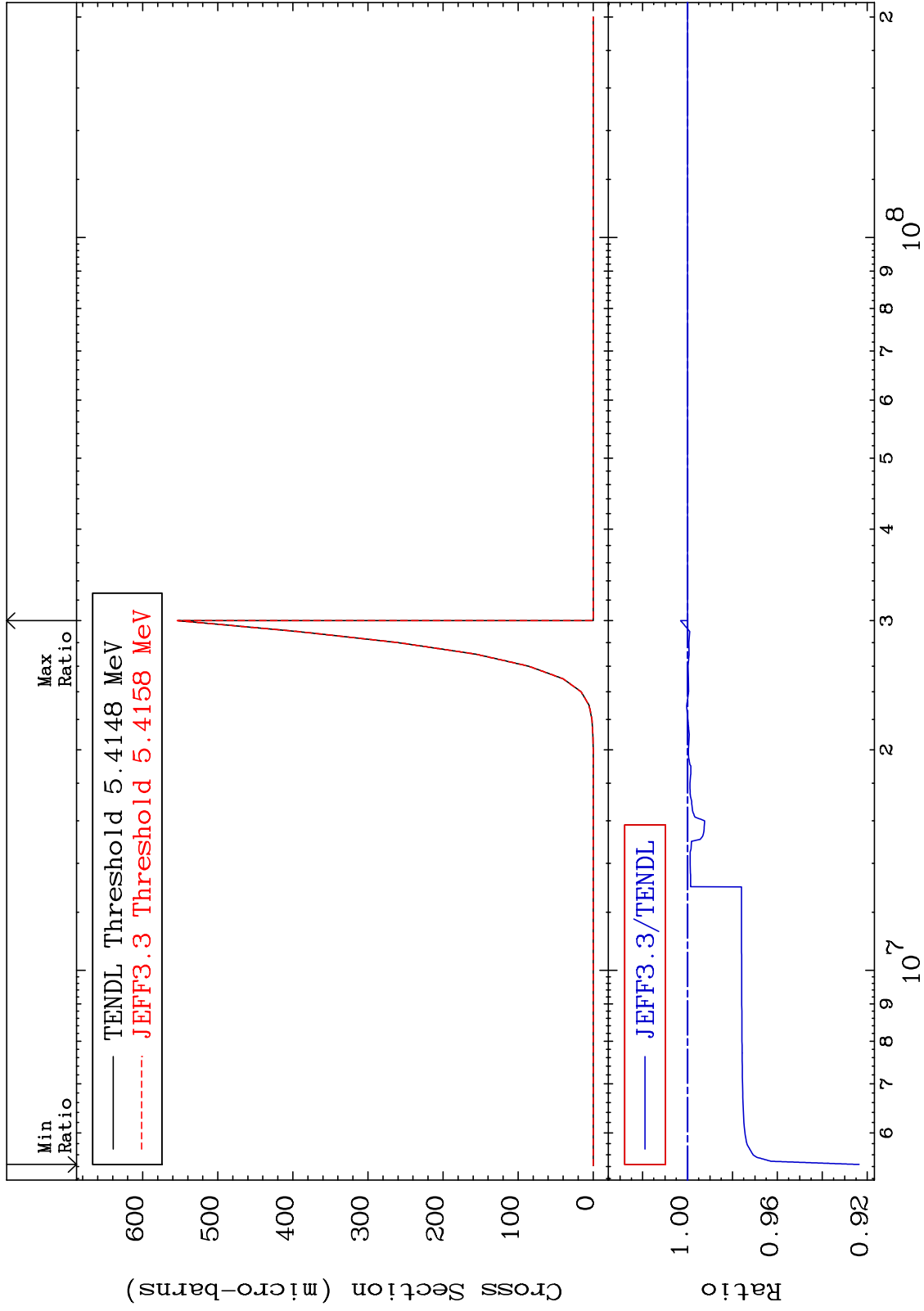
MAT 7525

(n, He-3)

75-Re-185

Cross Section

-7.641 To 0.306 %



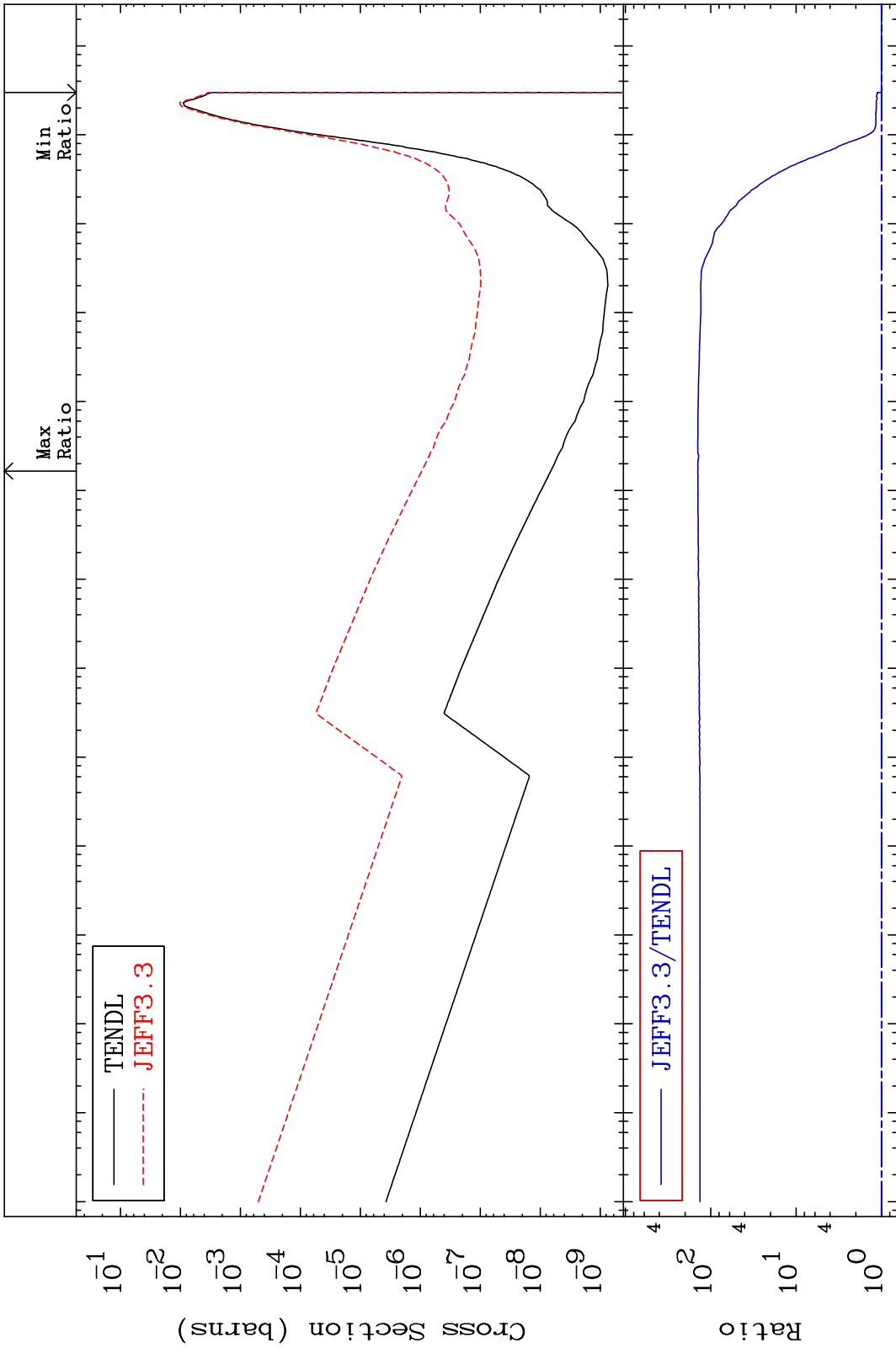
MAT 7525

(n,  $\alpha$ )

75-Re-185

Cross Section

0.000 To 9999. %

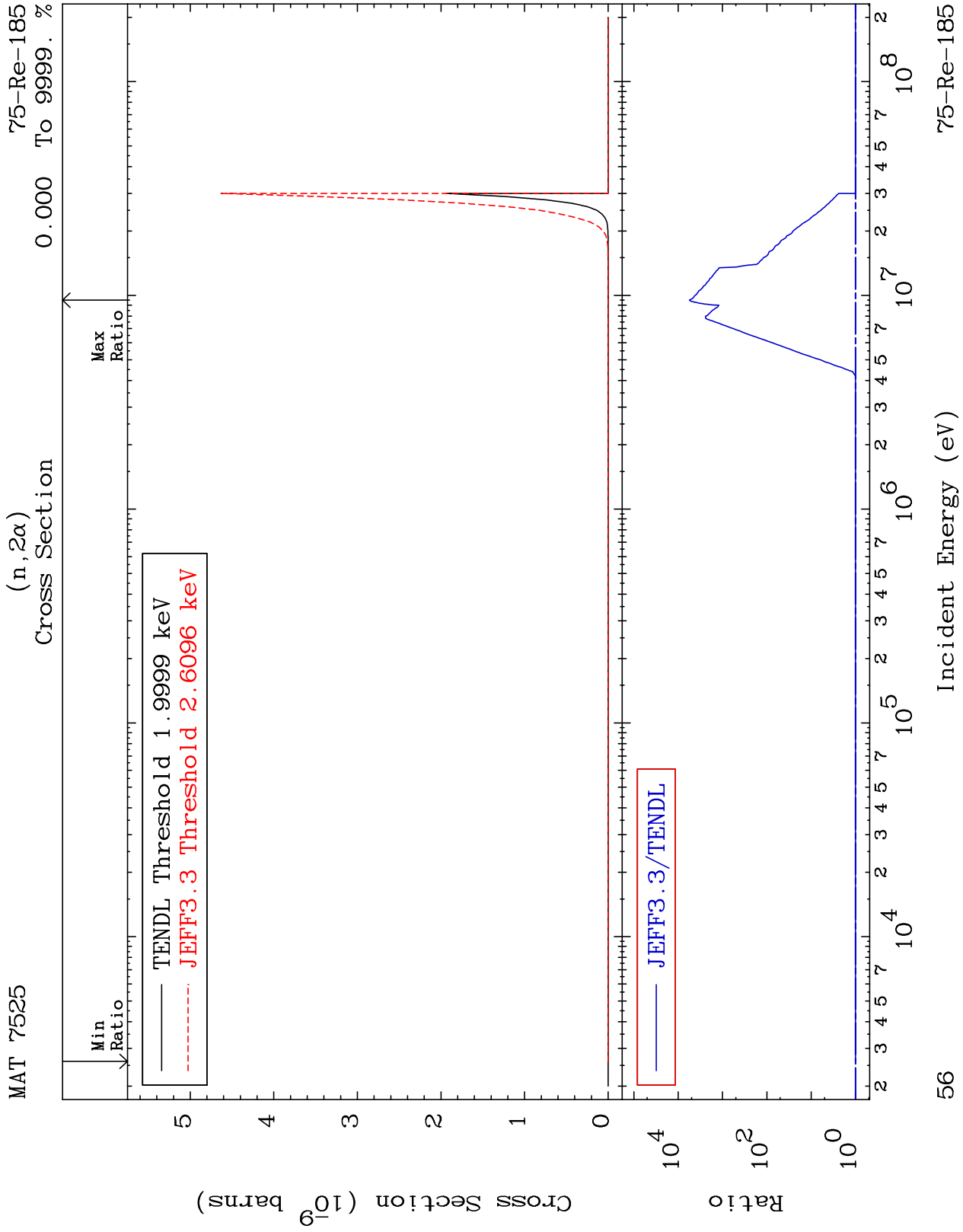


Incident Energy (eV)

55

75-Re-185





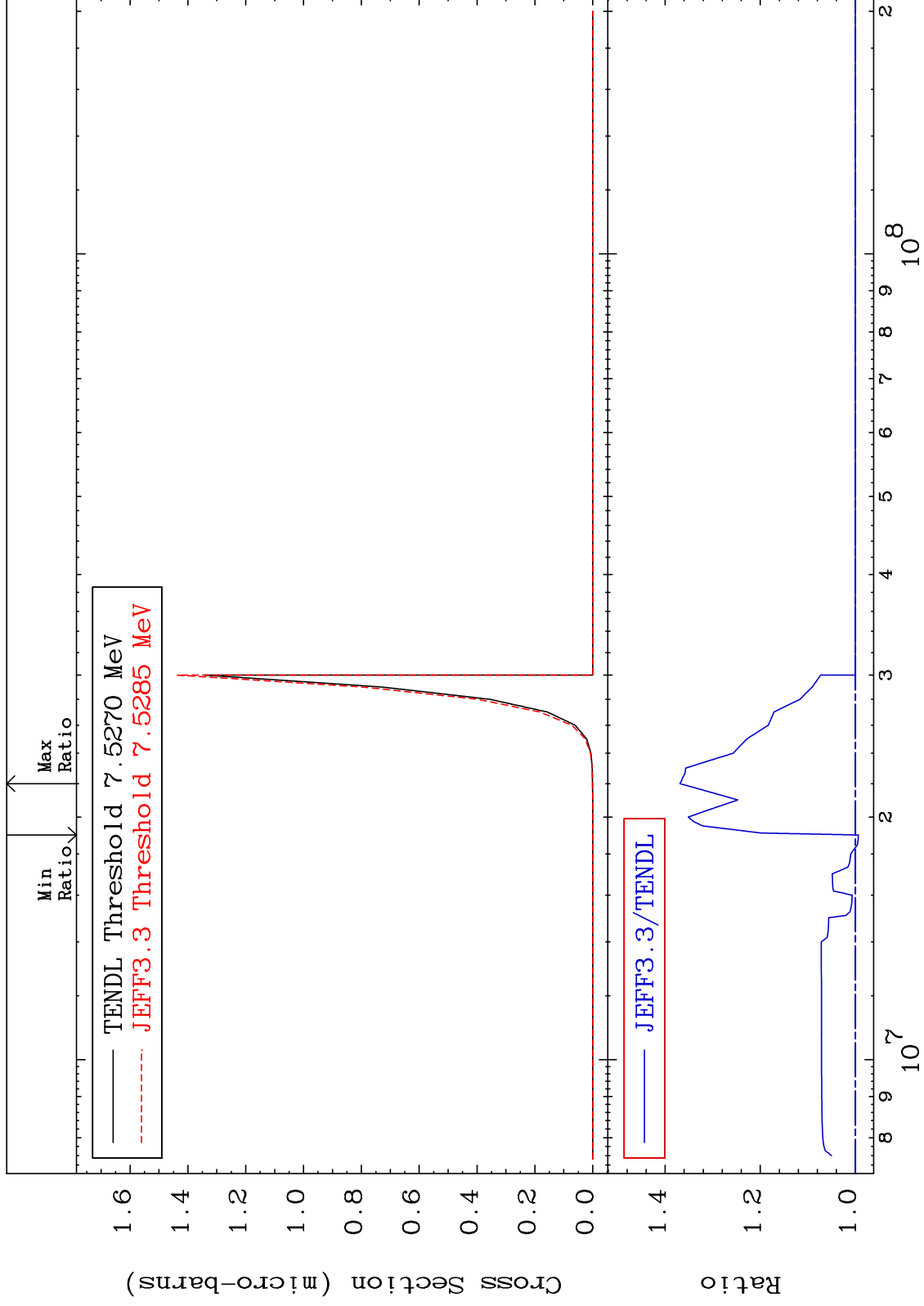
MAT 7525

(n,2p)

75-Re-185

Cross Section

-0.630 To 36.88 %



57

Incident Energy (eV)

75-Re-185

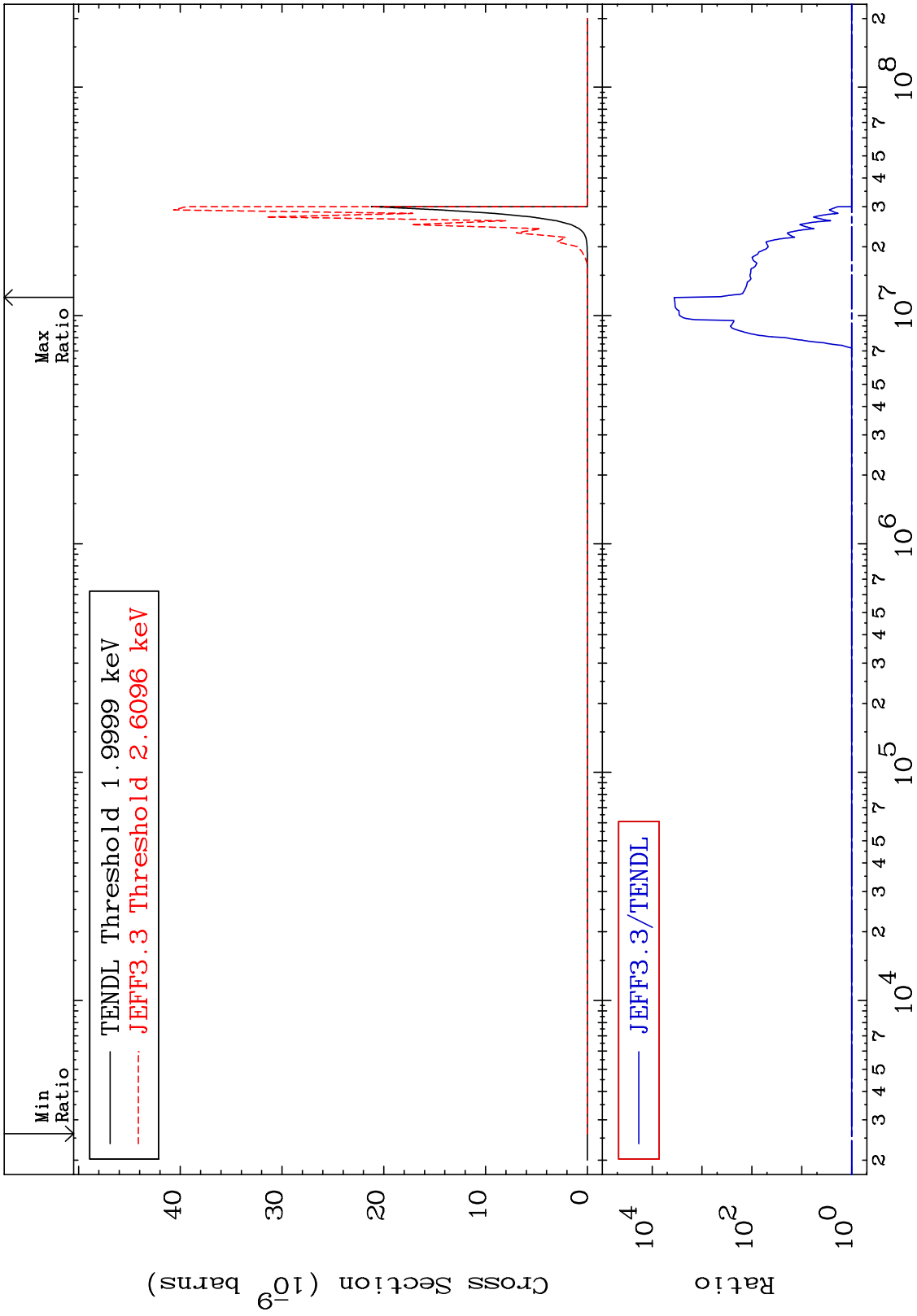
MAT 7525

(n,p)  $\alpha$

75-Re-185

Cross Section

0.000 To 9999. %



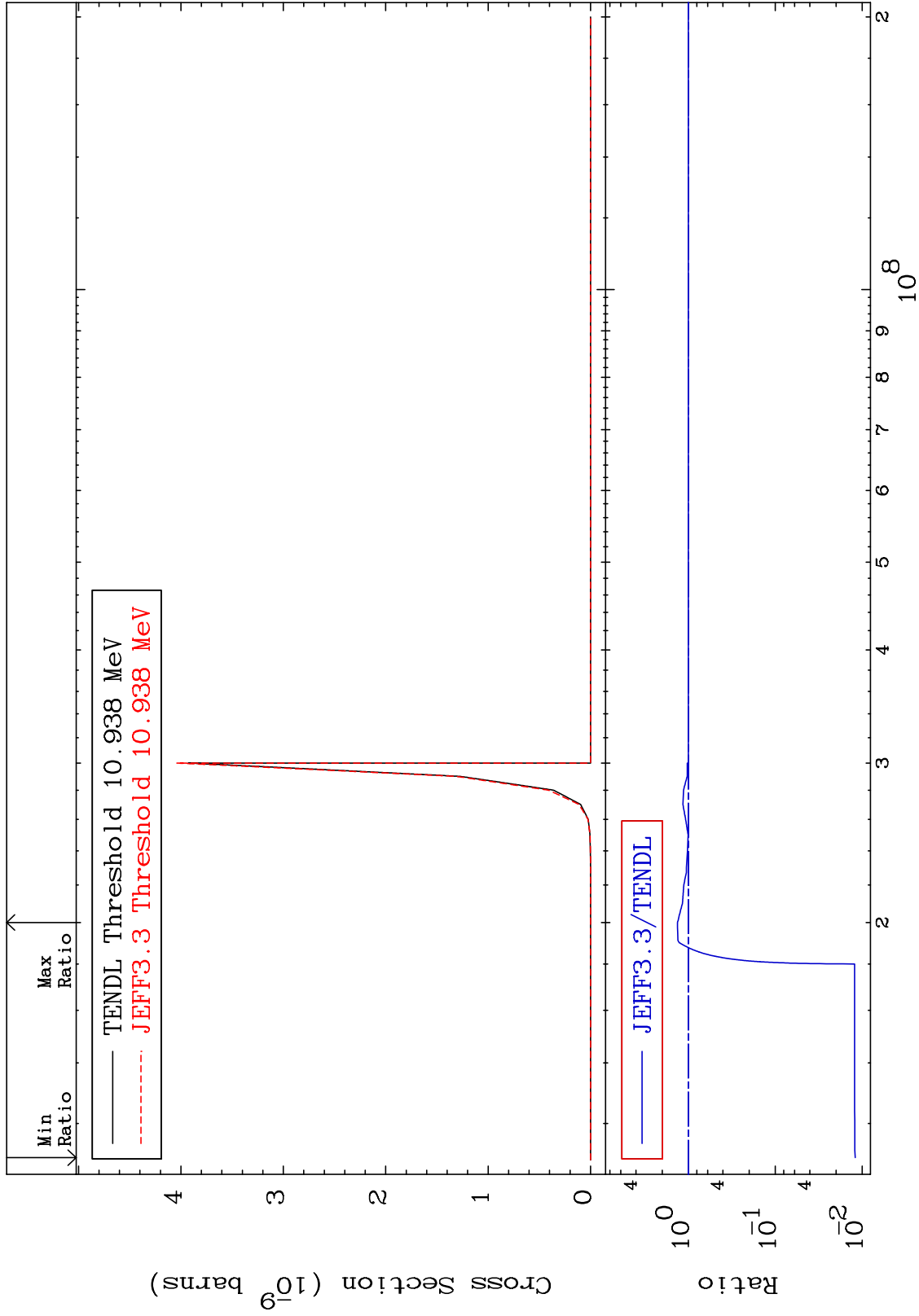
MAT 7525

(n,p) d

75-Re-185

Cross Section

-98.80 To 33.05 %



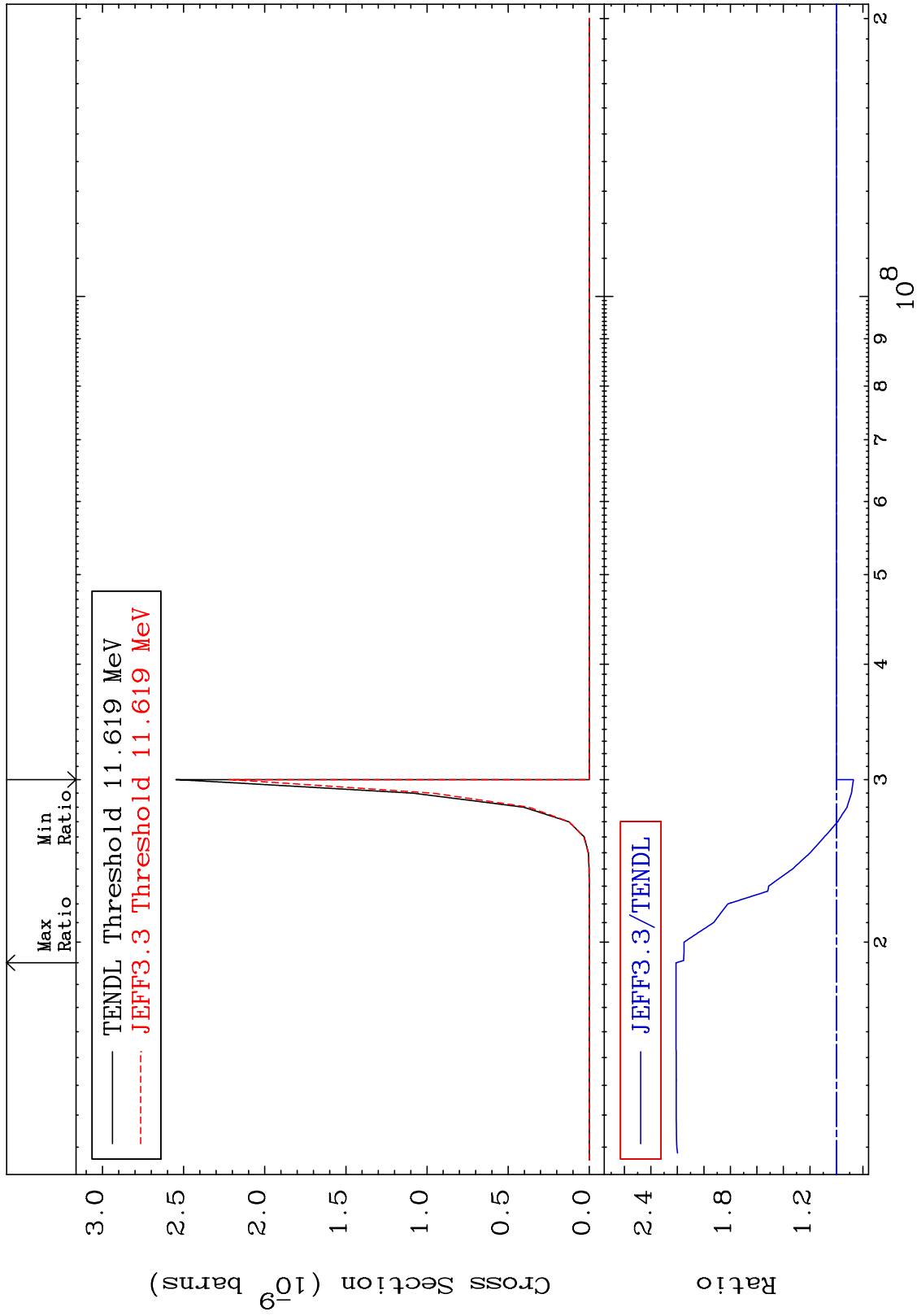
MAT 7525

(n,p) t

<sup>75</sup>Re-185

Cross Section

-12.82 To 121.0 %



60

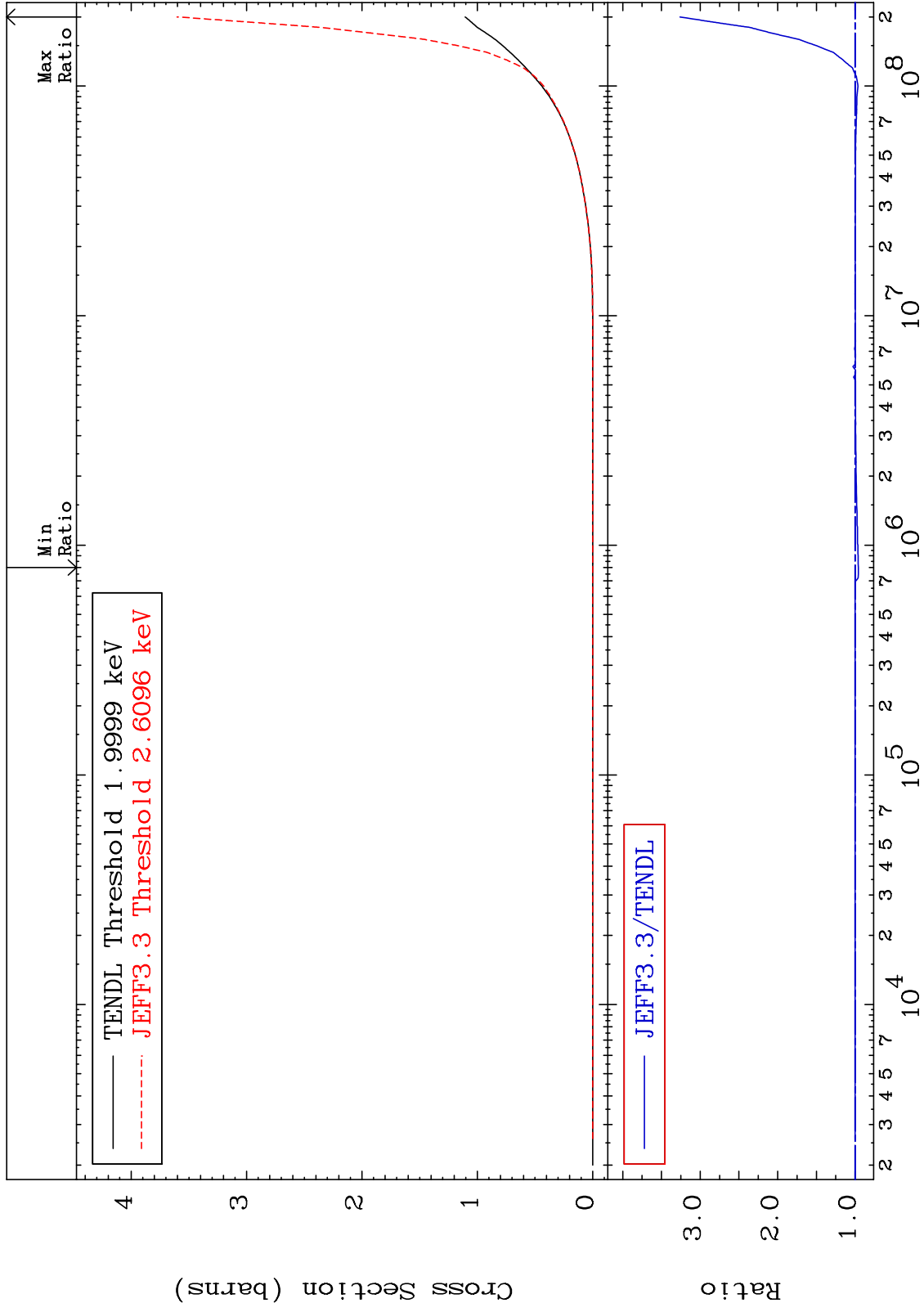
75-Re-185

75-Re-185

MAT 7525

Hydrogen Production  
Cross Section

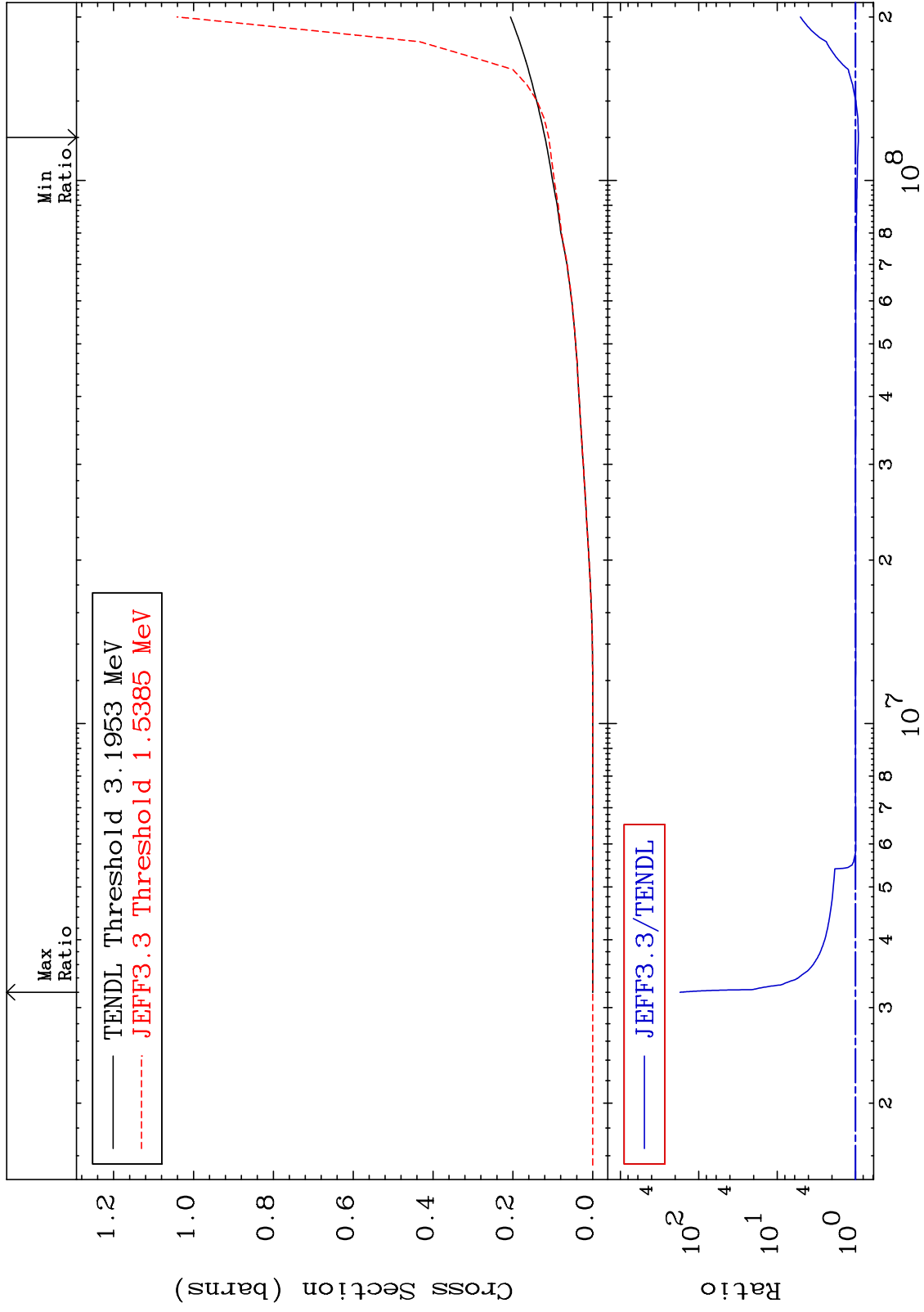
75-Re-185  
-4.208 To 226.0 %



MAT 7525

Deuterium Production  
Cross Section

75-Re-185  
-7.844 To 9999. %



62

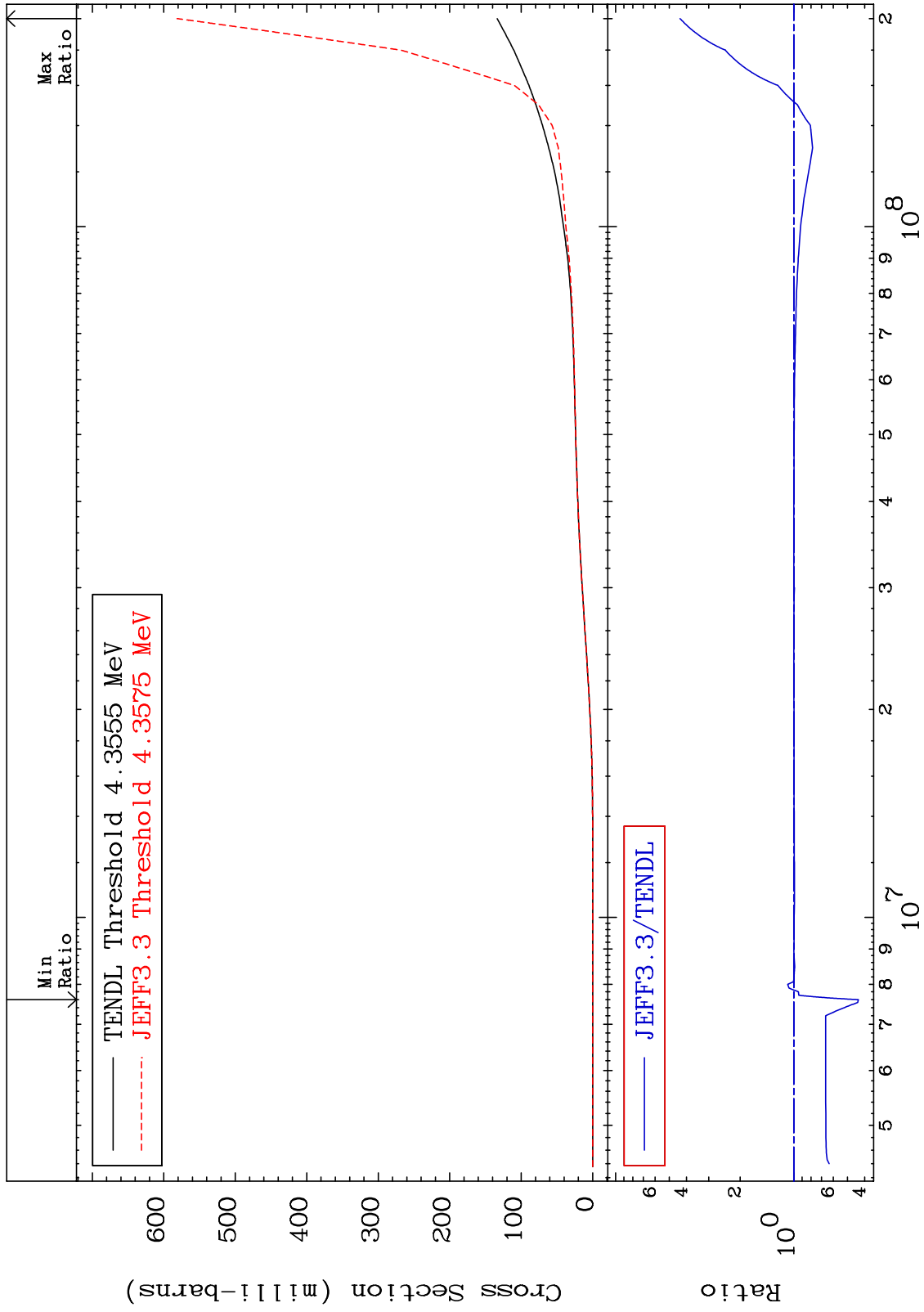
Incident Energy (eV)

75-Re-185

MAT 7525

Tritium Production  
Cross Section

<sup>75</sup>Re-185  
-56.58 To 335.2 %



63

Incident Energy (eV)

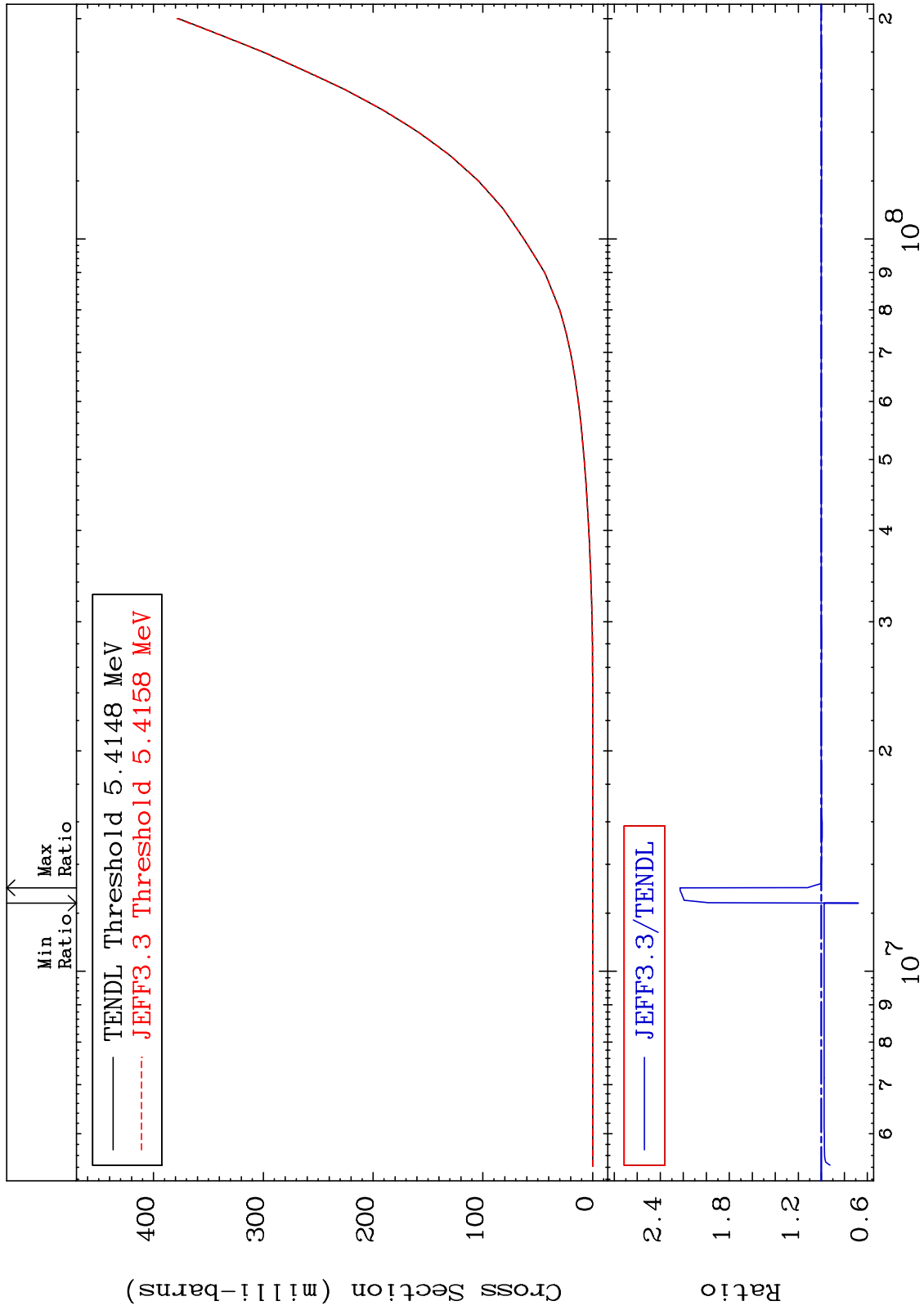
<sup>75</sup>Re-185



MAT 7525

He-3 Production  
Cross Section

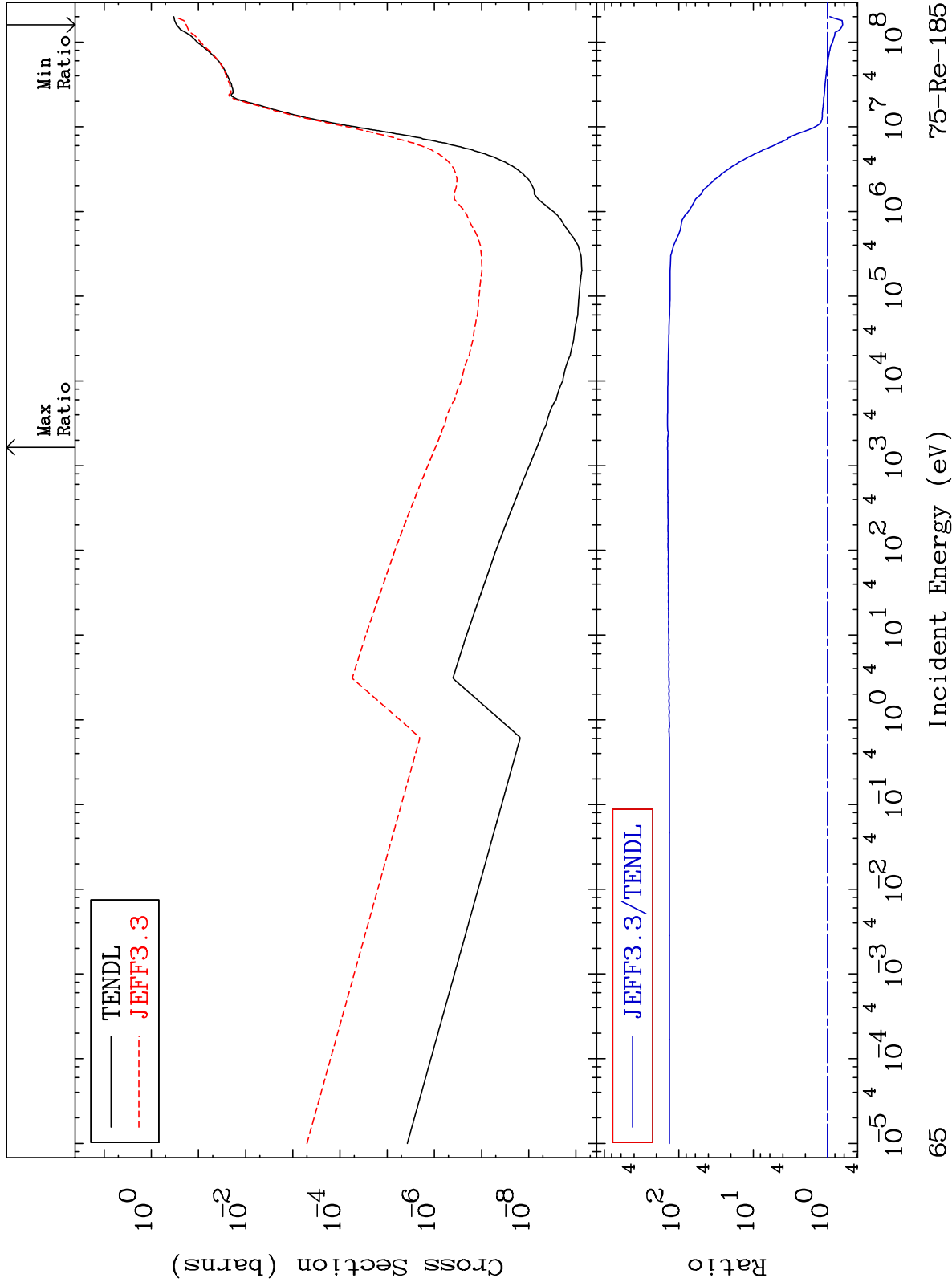
75-Re-185  
-32.27 To 122.8 %



MAT 7525

He-4 Production  
Cross Section

75-Re-185  
-37.14 To 9999. %



65

Incident Energy (eV)

75-Re-185

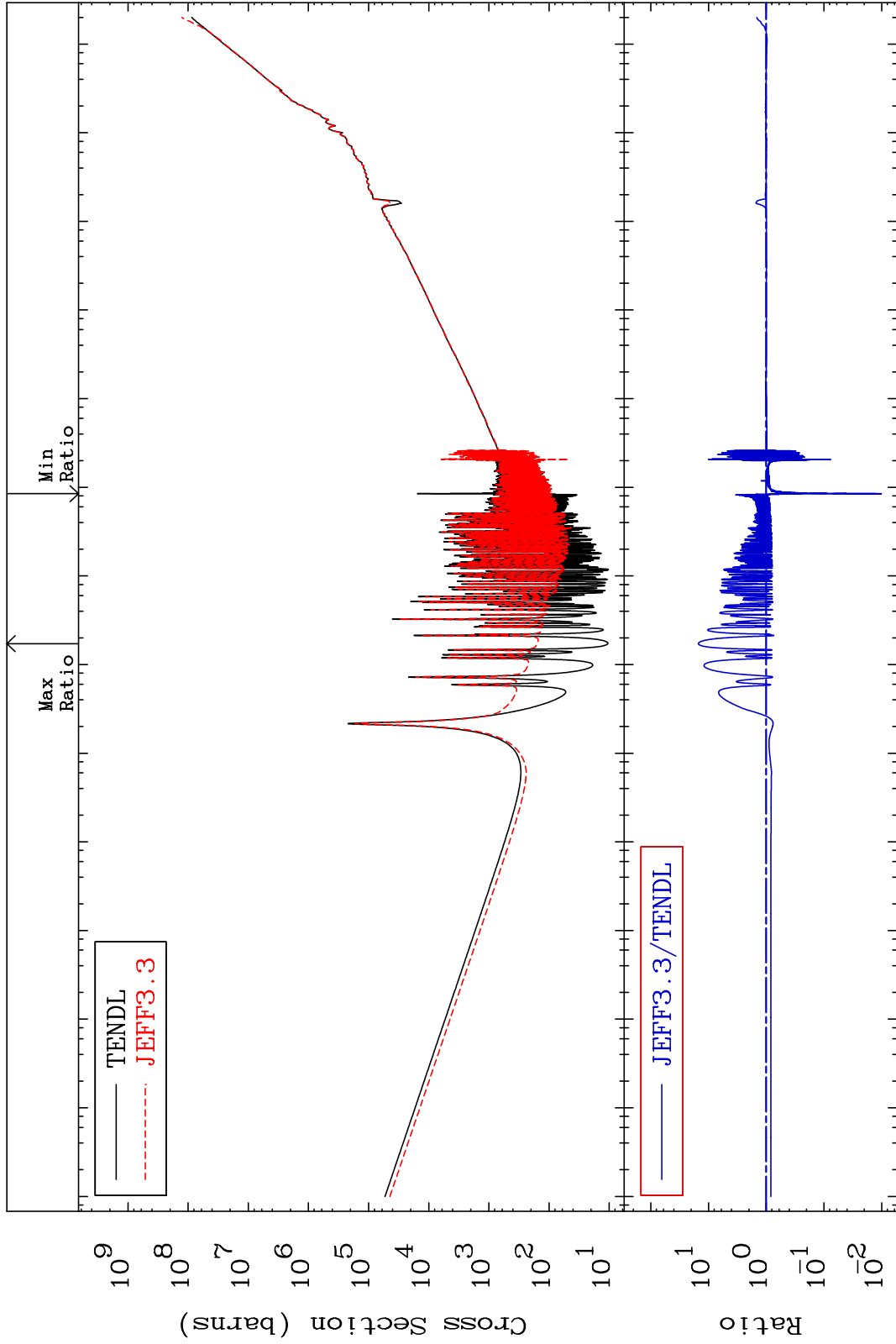
MAT 7525

Kerma total (eV-barns)

75-Re-185

-99.00 To 1400. %

Cross Section

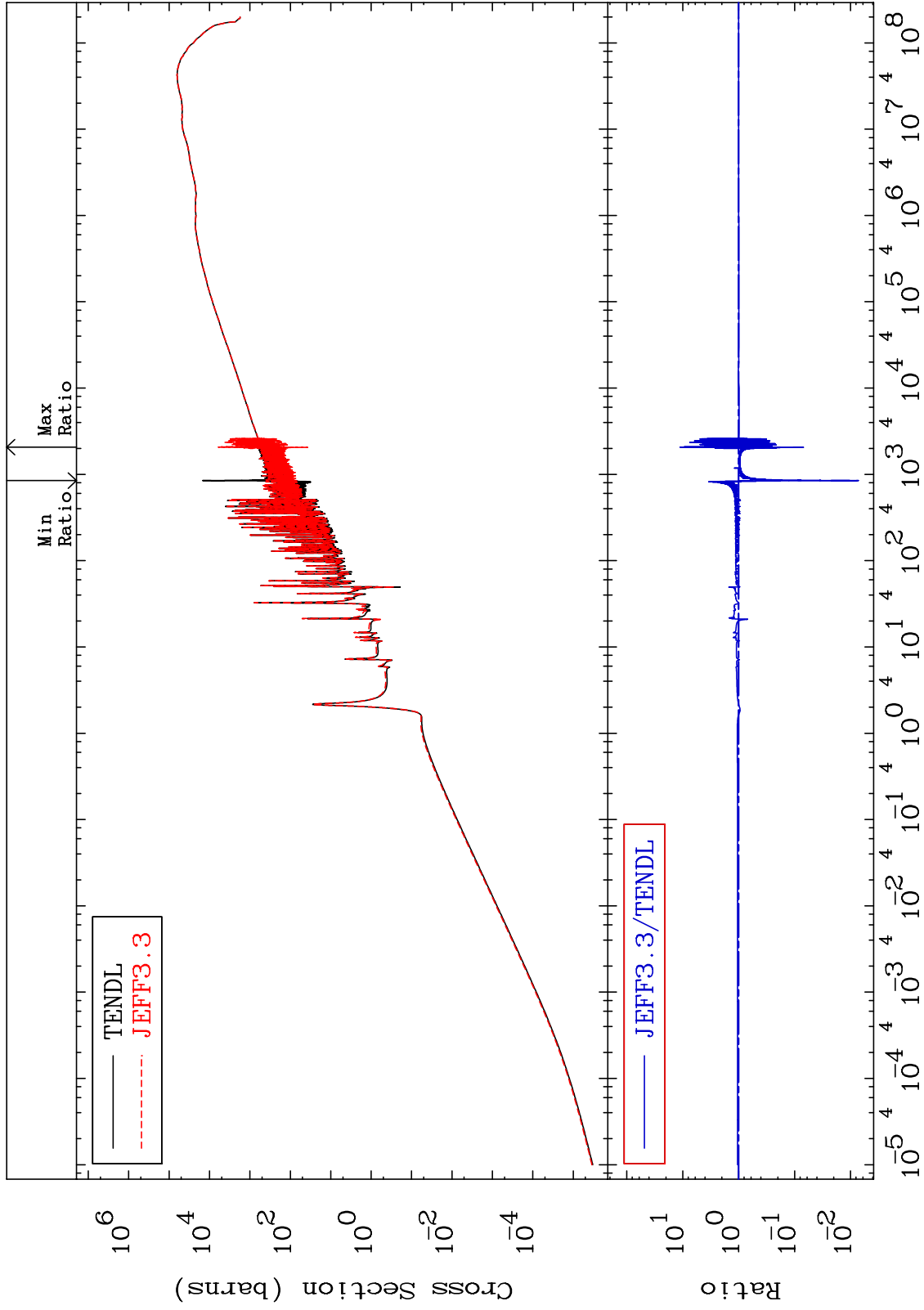


Incident Energy (eV) 75-Re-185

MAT 7525

Kerma elastic  
Cross Section

75-Re-185  
-99.28 To 1019. %



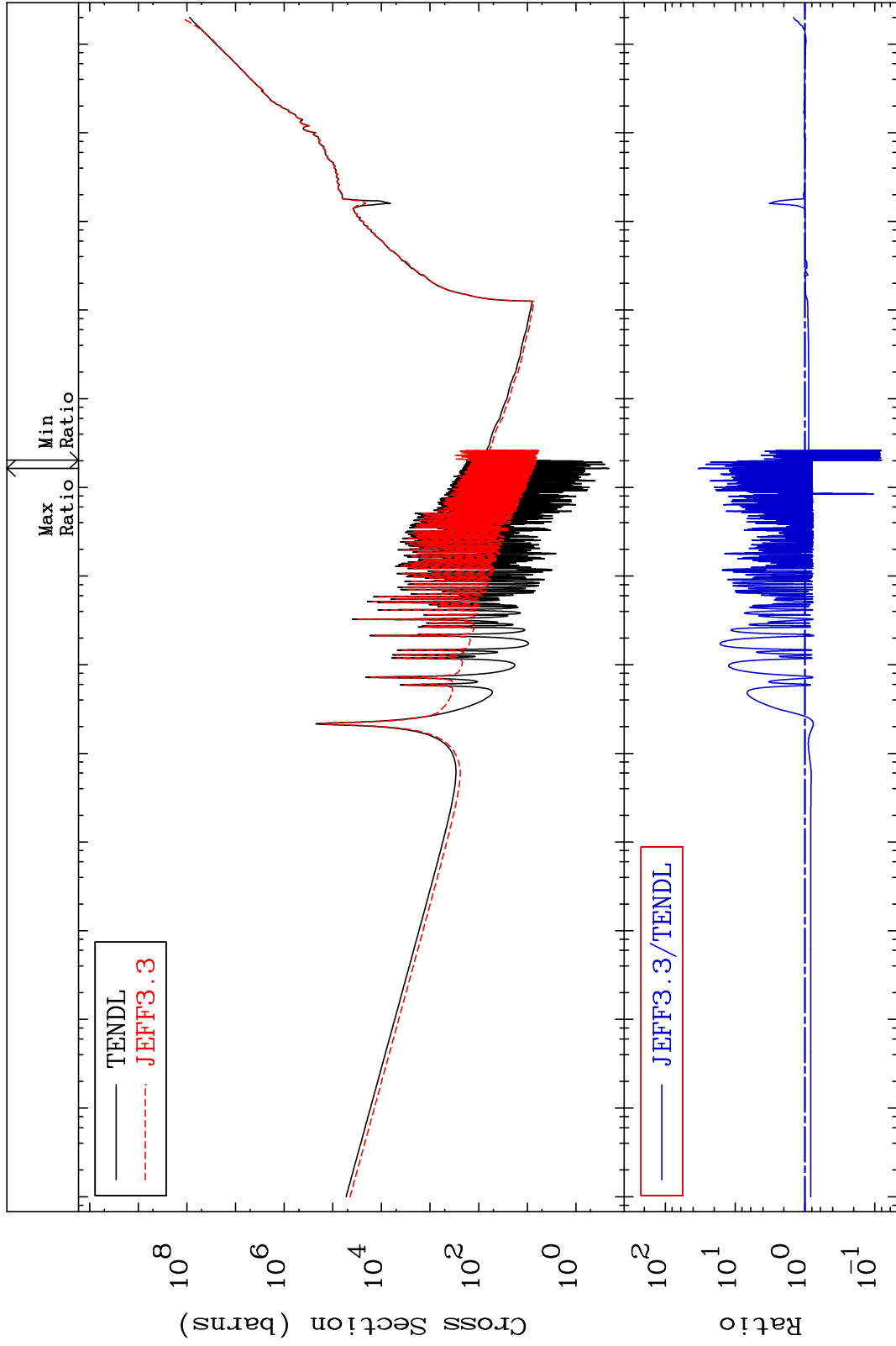
— TENDL  
- - - JEFF3.3

— JEFF3.3/TENDL

MAT 7525

Kerma non-elastic (all but mt2)  
Cross Section

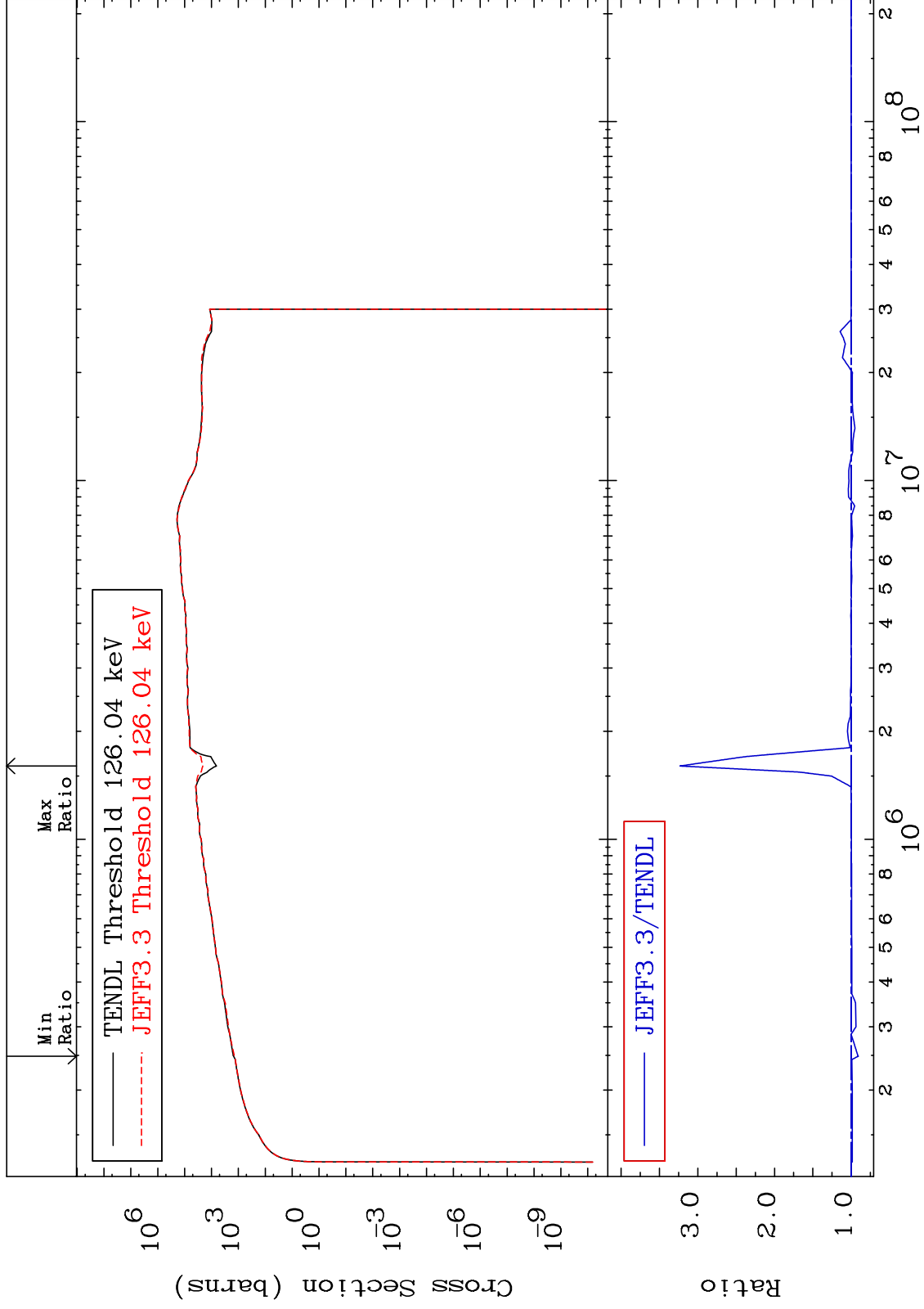
75-Re-185  
-91.99 To 3263. %



MAT 7525

Kerma inelastic (mt51-91)  
Cross Section

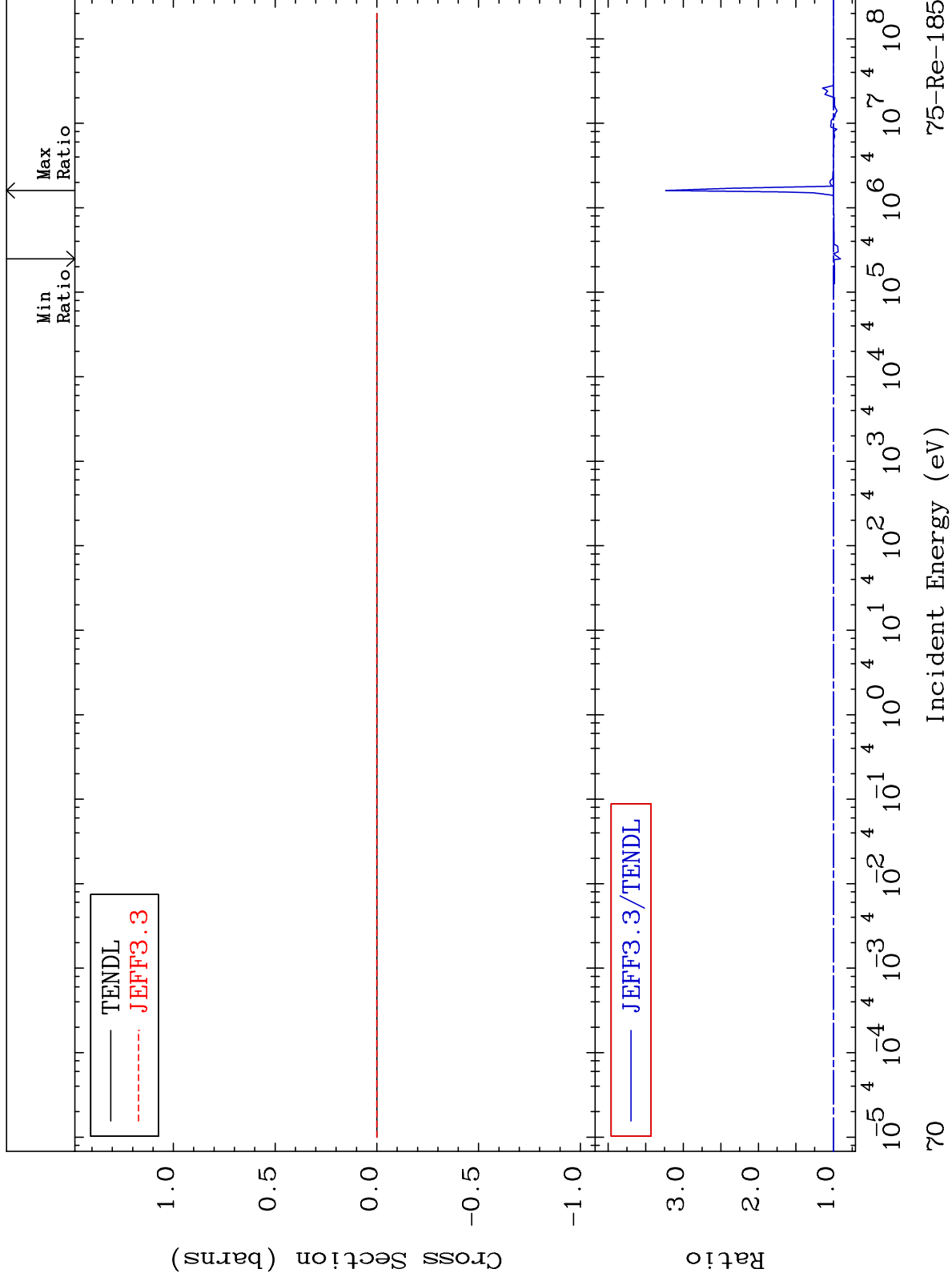
75-Re-185  
-9.401 To 223.2 %



MAT 7525

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

75-Re-185  
-9.401 To 223.2 %



75-Re-185

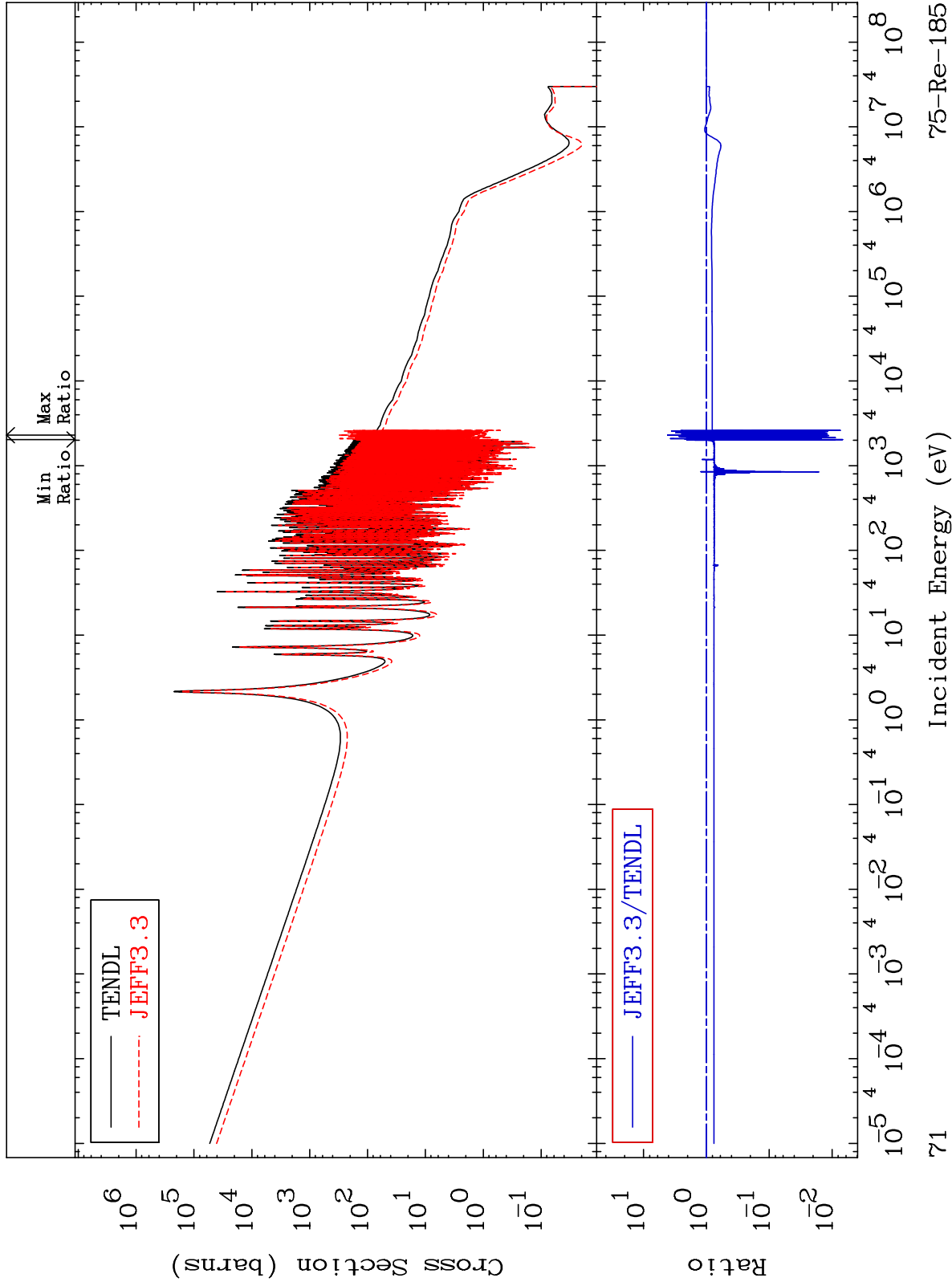
Incident Energy (eV)

70

MAT 7525

Kerma capture (mt102)  
Cross Section

75-Re-185  
-99.32 To 315.7 %



71

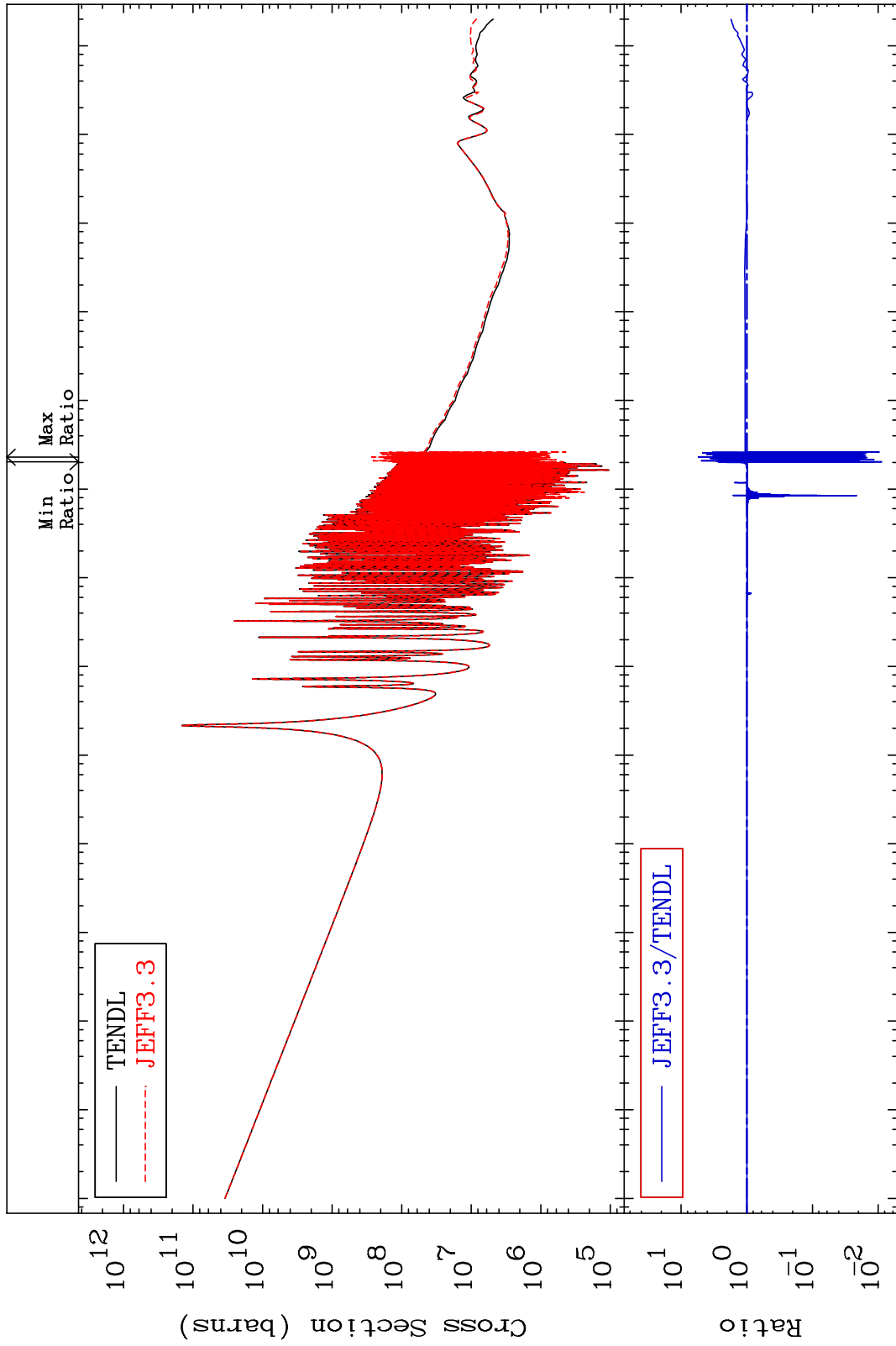
75-Re-185



MAT 7525

Total photon (eV-barns)  
Cross Section

75-Re-185  
-99.11 To 445.7 %



72

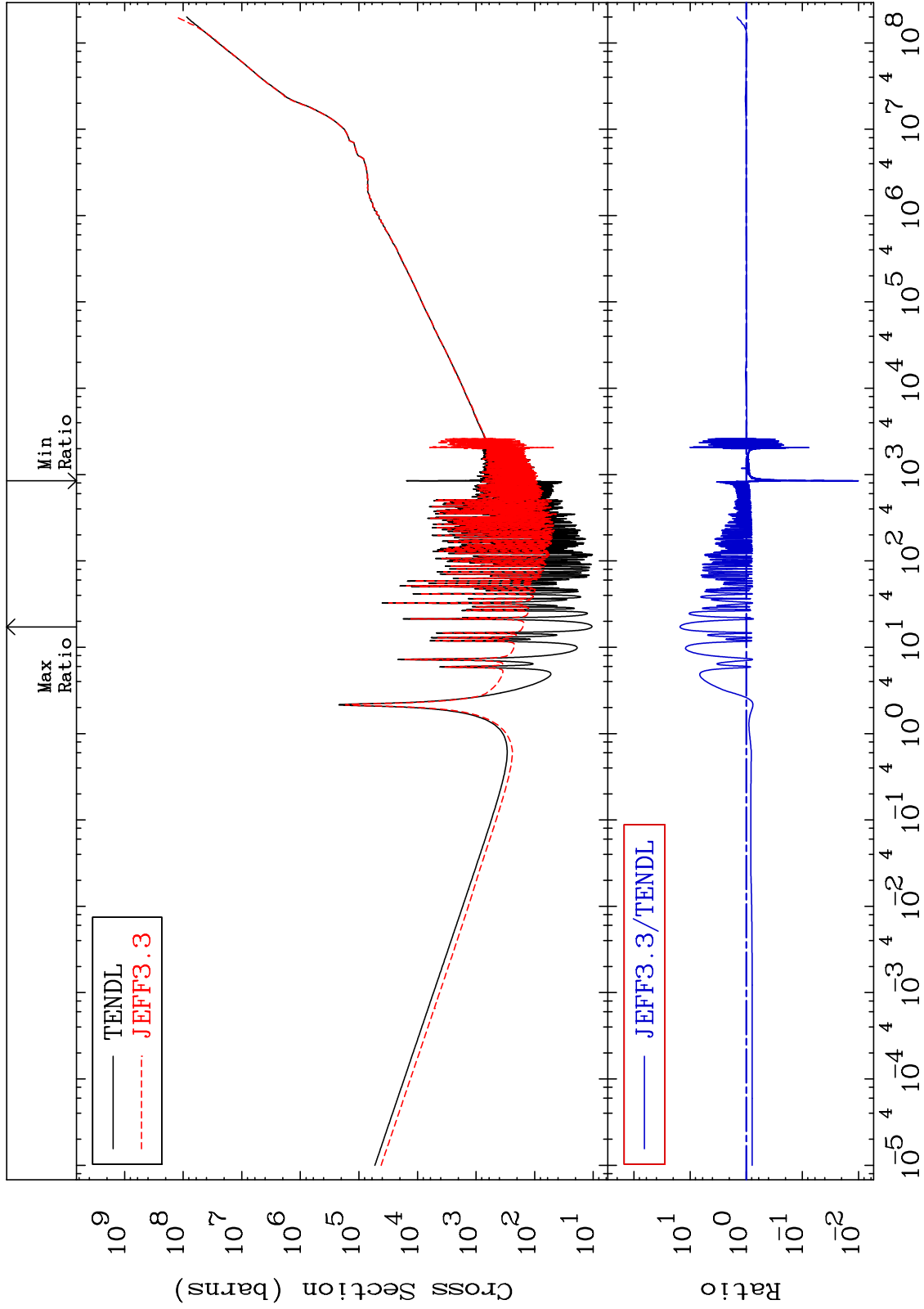
Incident Energy (eV)

75-Re-185

MAT 7525

Total kinematic kerma (high limit)  
Cross Section

75-Re-185  
-98.99 To 1412. %



73

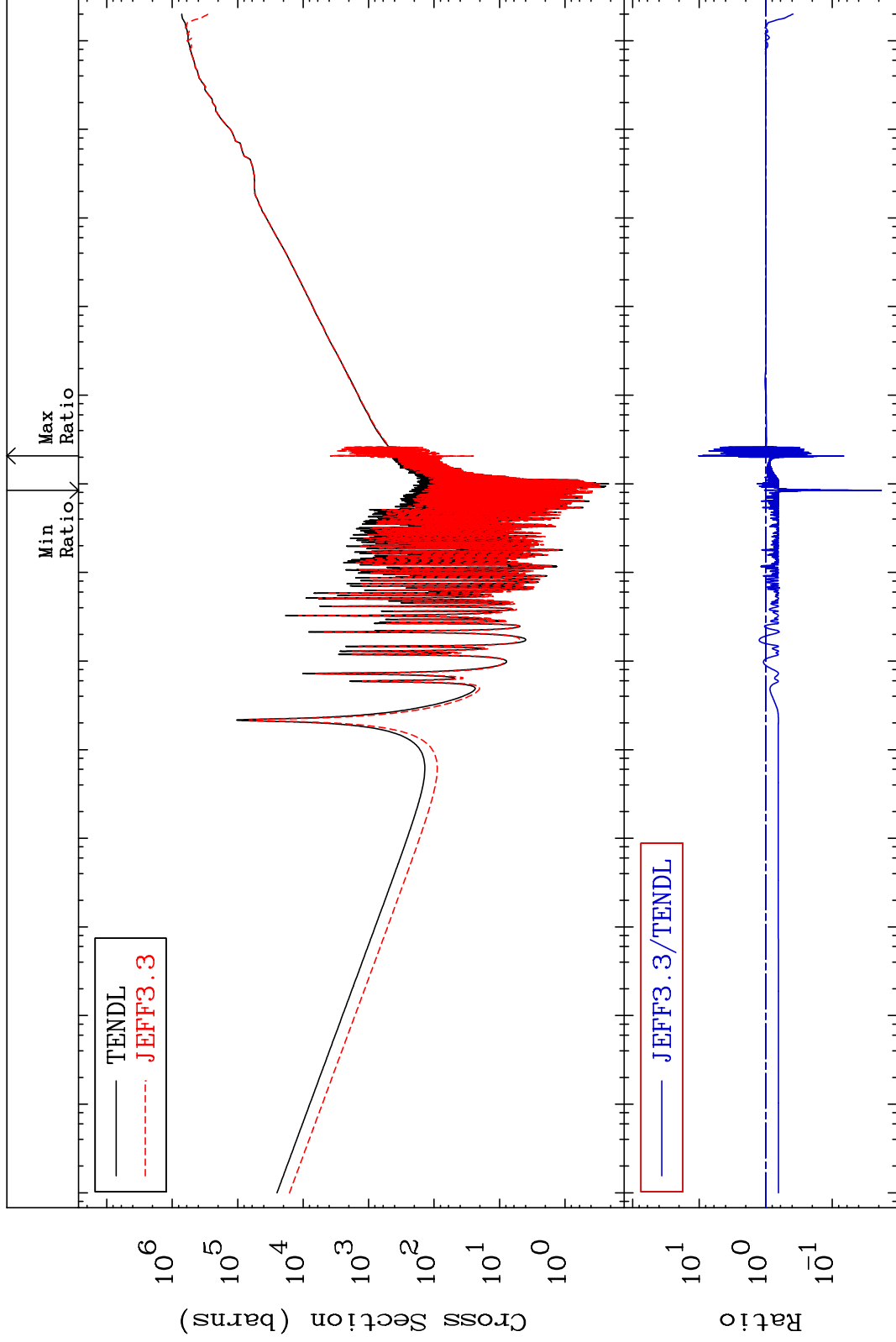
Incident Energy (eV)

75-Re-185

MAT 7525

Dpa total (eV-barns)  
Cross Section

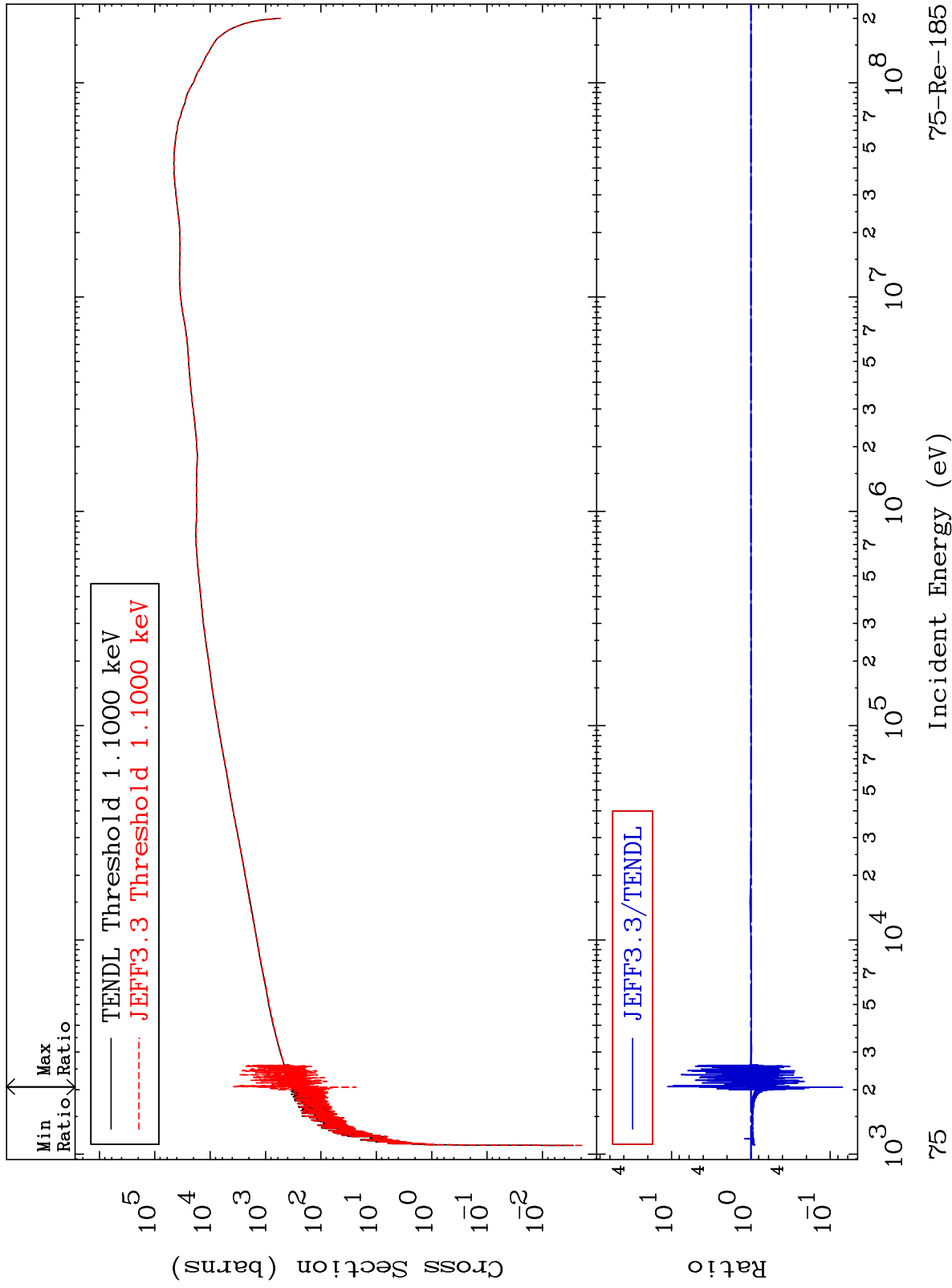
75-Re-185  
-98.18 To 928.1 %



MAT 7525

Dpa elastic (mt2)  
Cross Section

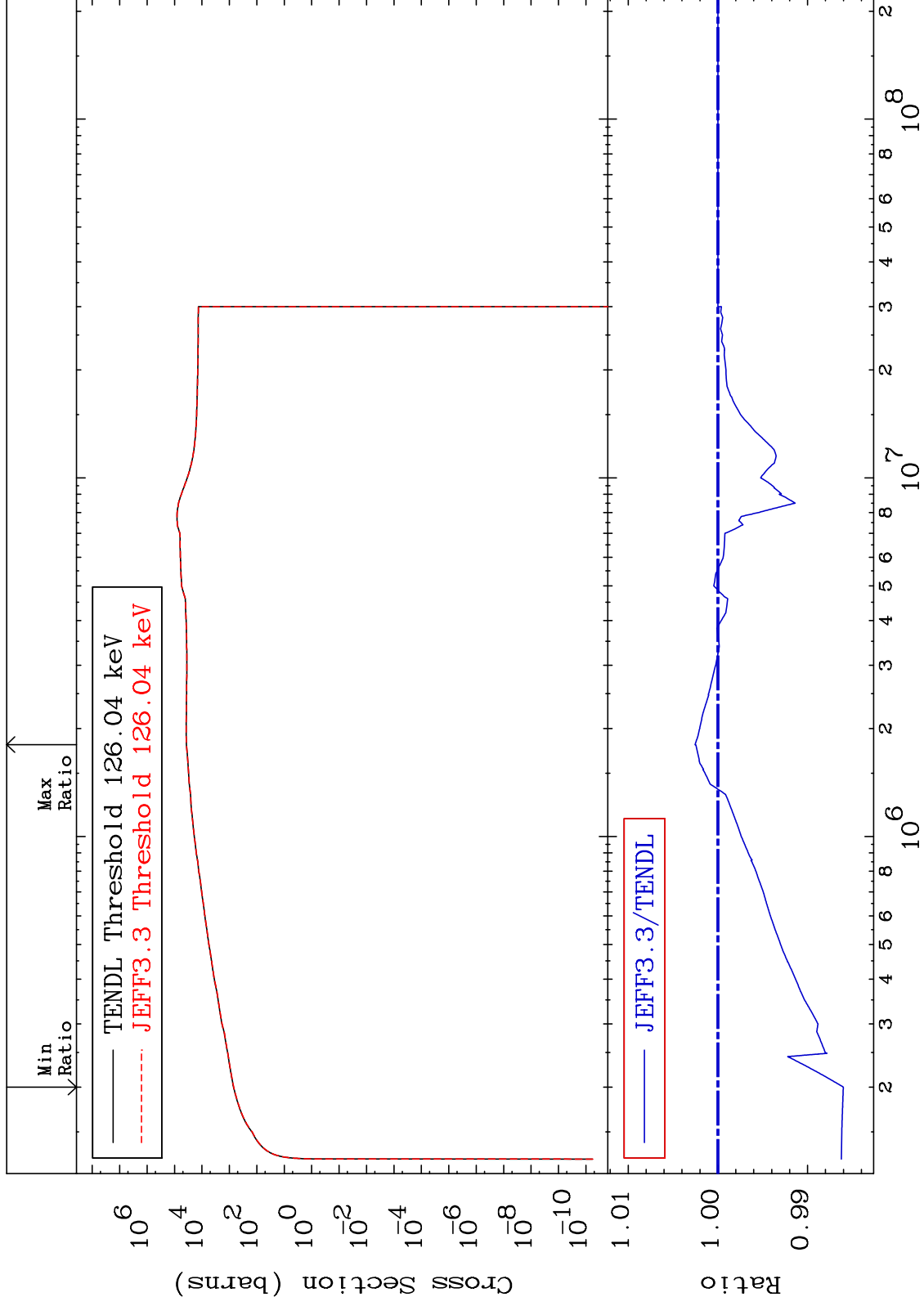
75-Re-185  
-93.03 To 1024. %



MAT 7525

Dpa inelastic (mt51-91)  
Cross Section

75-Re-185  
-1.398 To 0.254 %



76

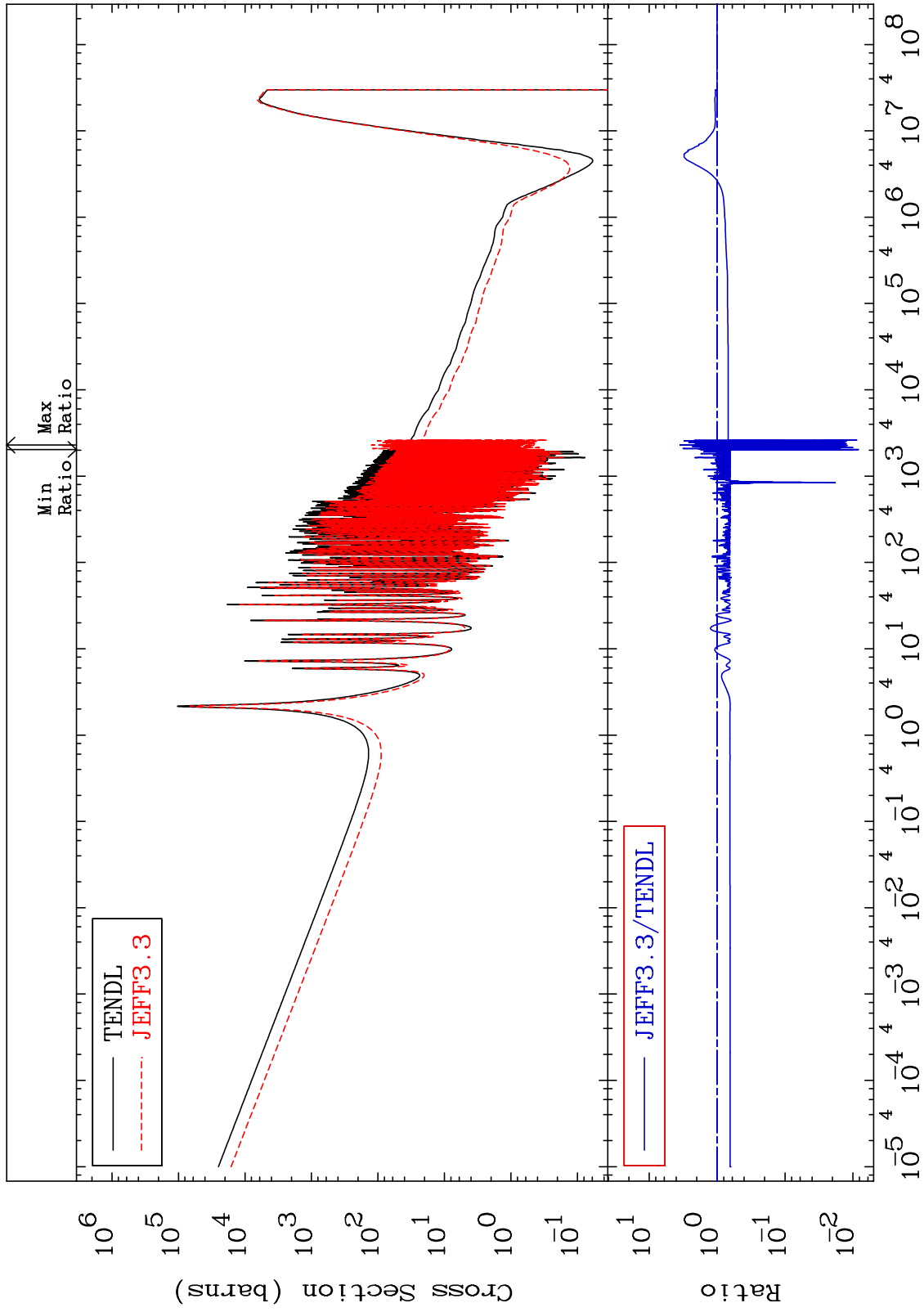
Incident Energy (eV)

75-Re-185

MAT 7525

Dpa disappearance (mt102 -120)  
Cross Section

75-Re-185  
-99.17 To 252.2 %



77

Incident Energy (eV)

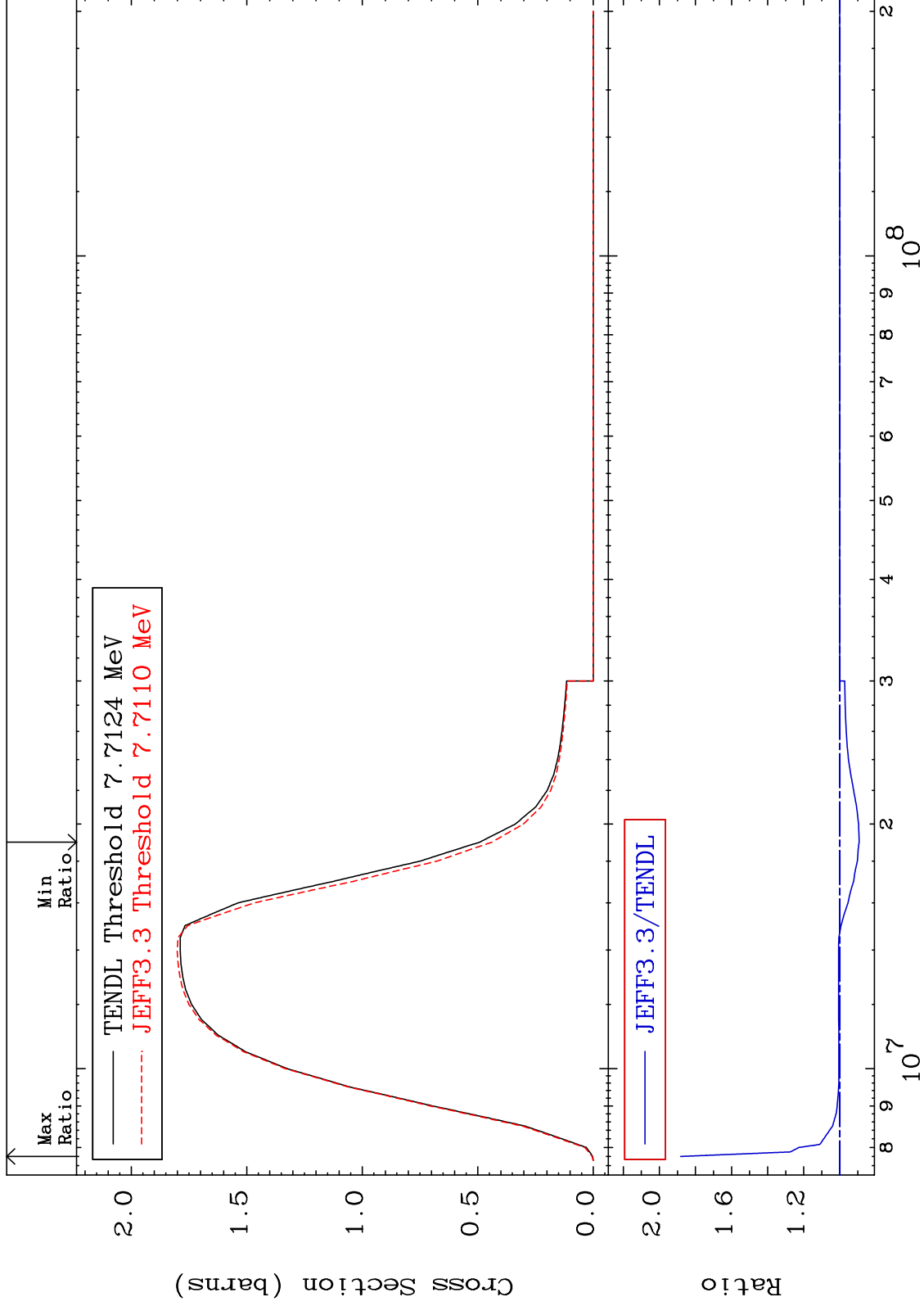
75-Re-185

MAT 7525

(n,2n) : 75-Re-184g

75-Re-185

Radionuclide Production Cross Section -10.74 To 88.24 %



78

Incident Energy (eV)

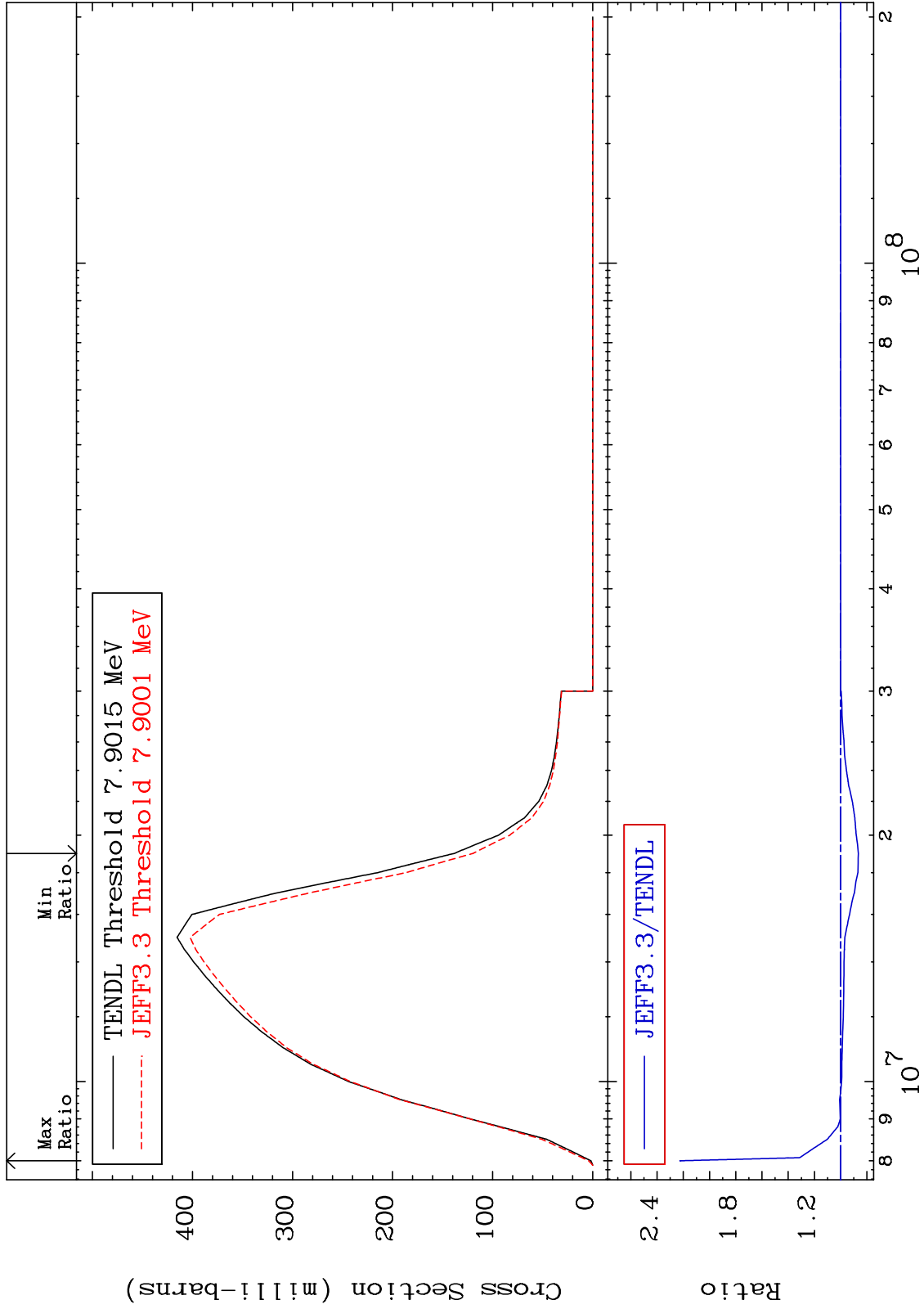
75-Re-185

MAT 7525

(n,2n): 75-Re-184m5

75-Re-185

Radionuclide Production Cross Section -13.53 To 122.5 %



79

Incident Energy (eV)

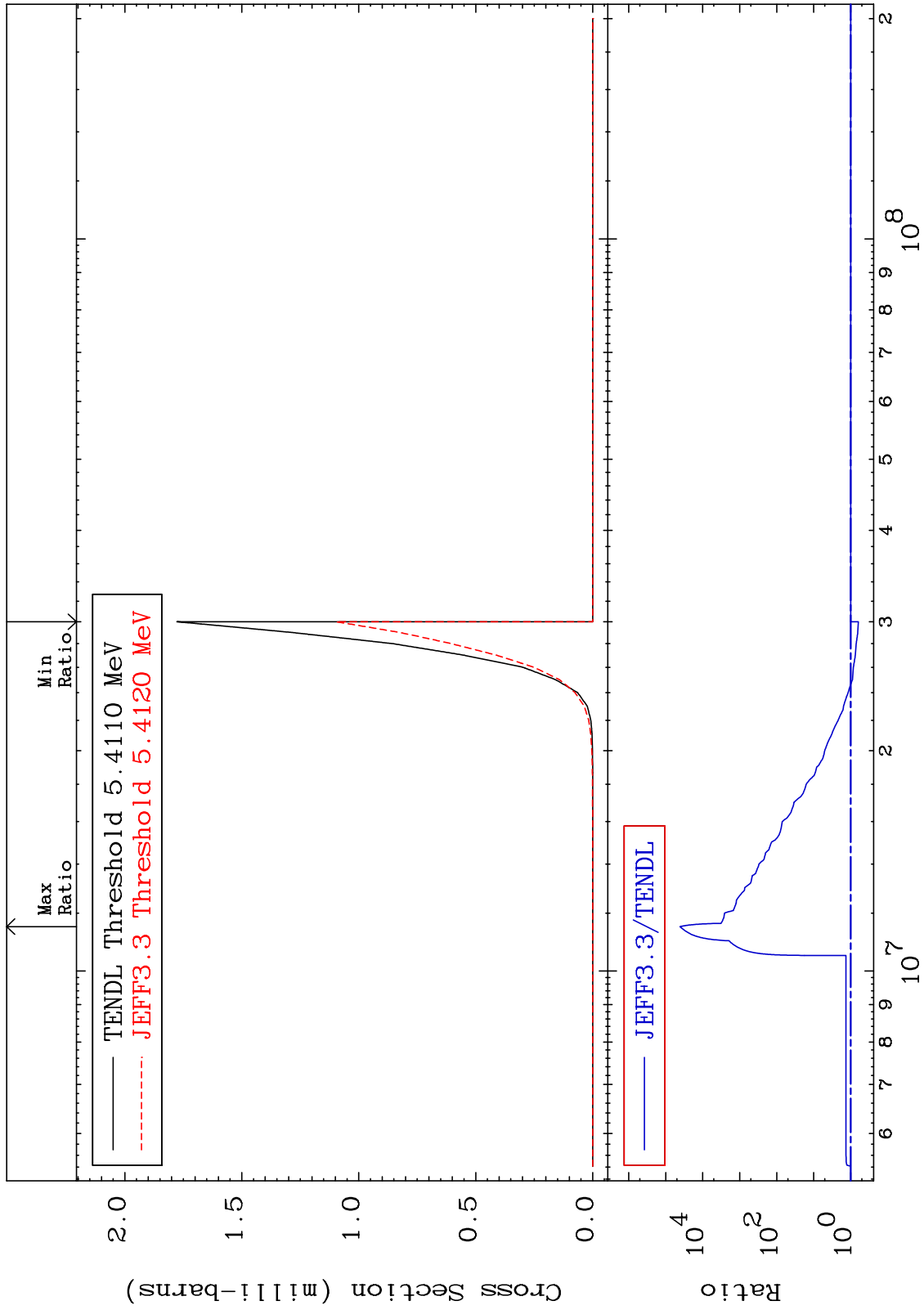
75-Re-185



MAT 7525

<sup>75</sup>Re-185

(n,2n) α: <sup>73</sup>Ta-180g  
Radionuclide Production Cross Section -38.26 To 9999. %



80

Incident Energy (eV)

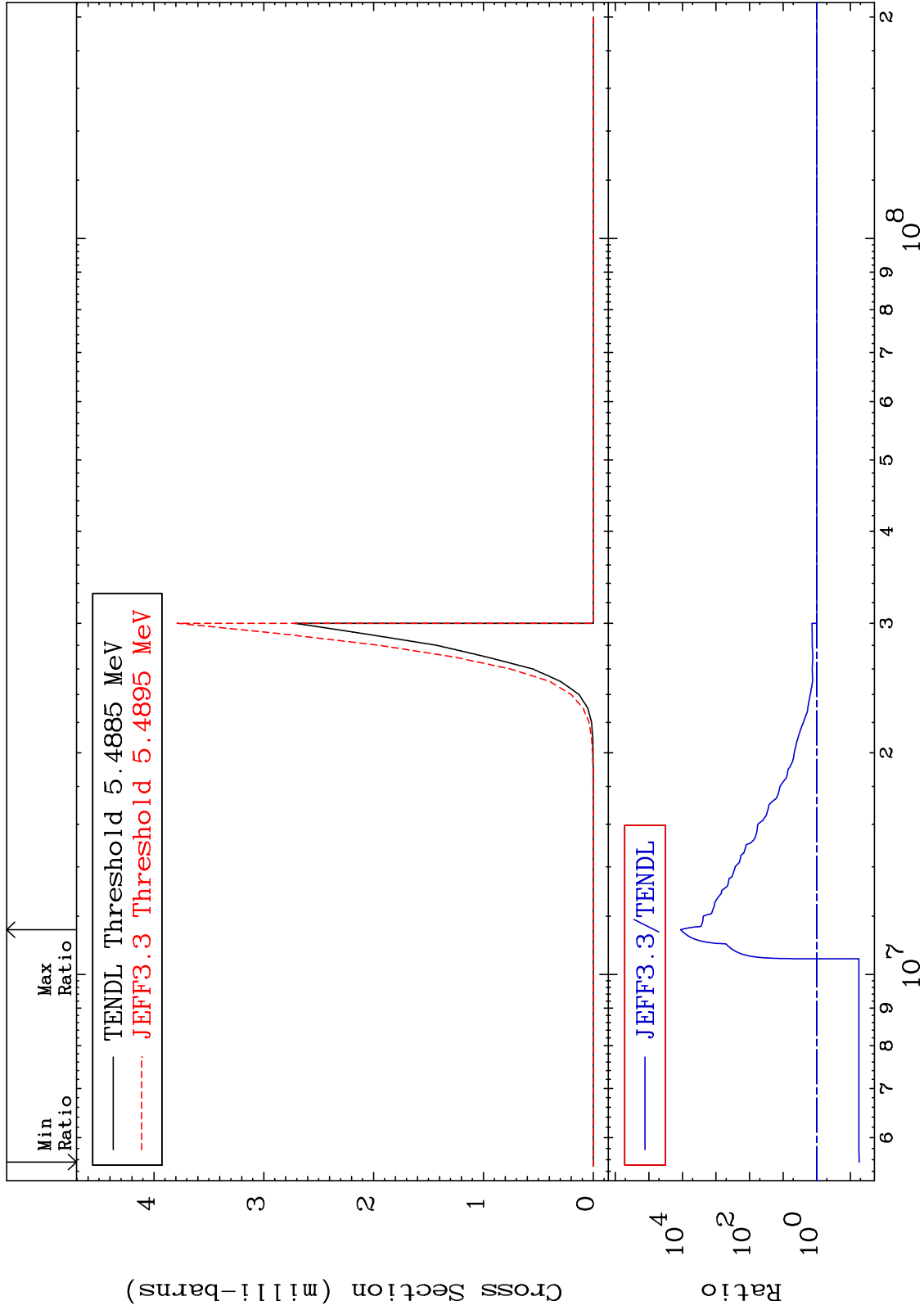
<sup>75</sup>Re-185

MAT 7525

(n, 2n)  $\alpha$ : 73-Ta-180m2

75-Re-185

Radionuclide Production Cross Section -94.53 To 9999. %

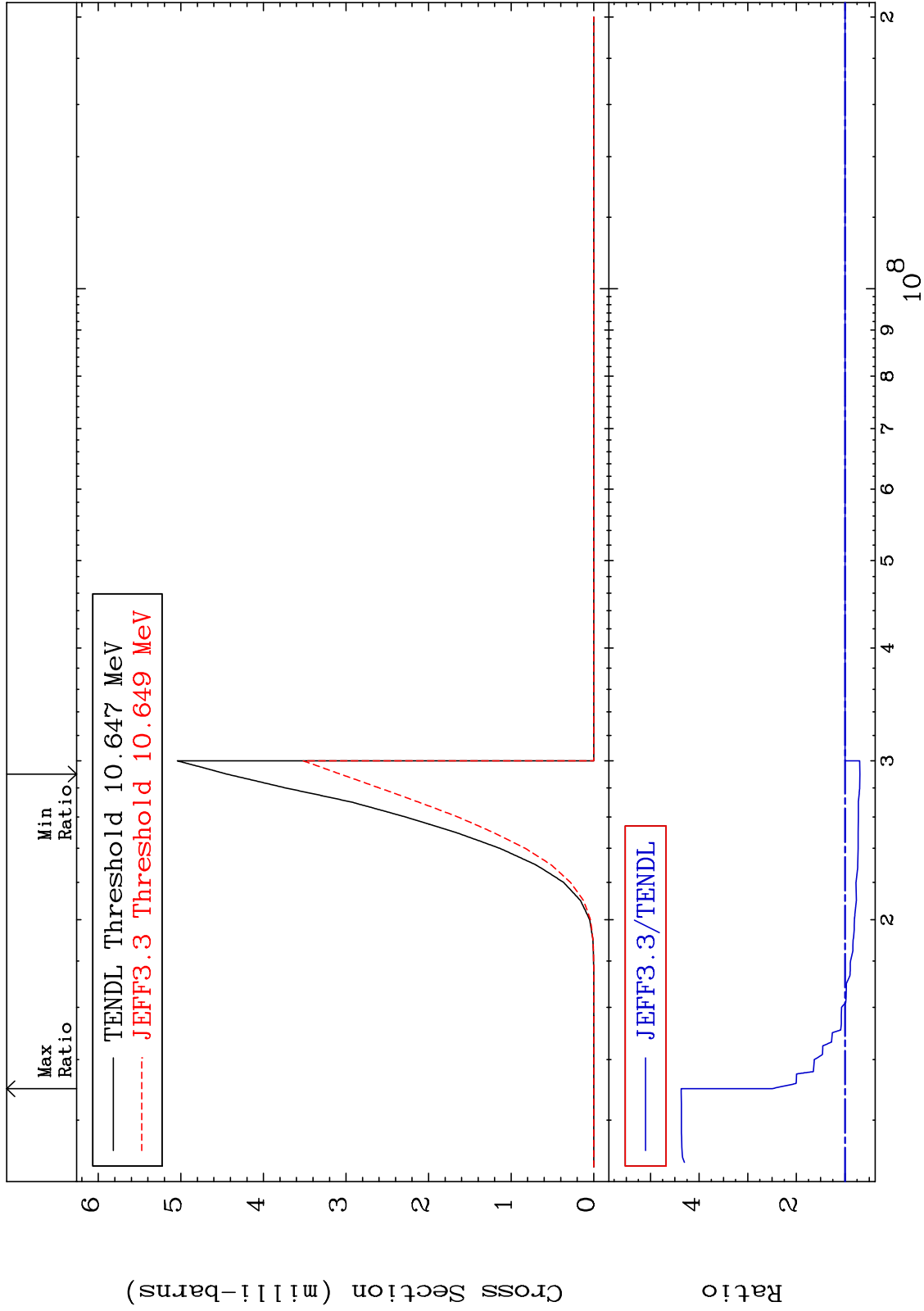


MAT 7525

(n, n') d:74-W -183g

75-Re-185

Radionuclide Production Cross Section -30.88 To 336.9 %

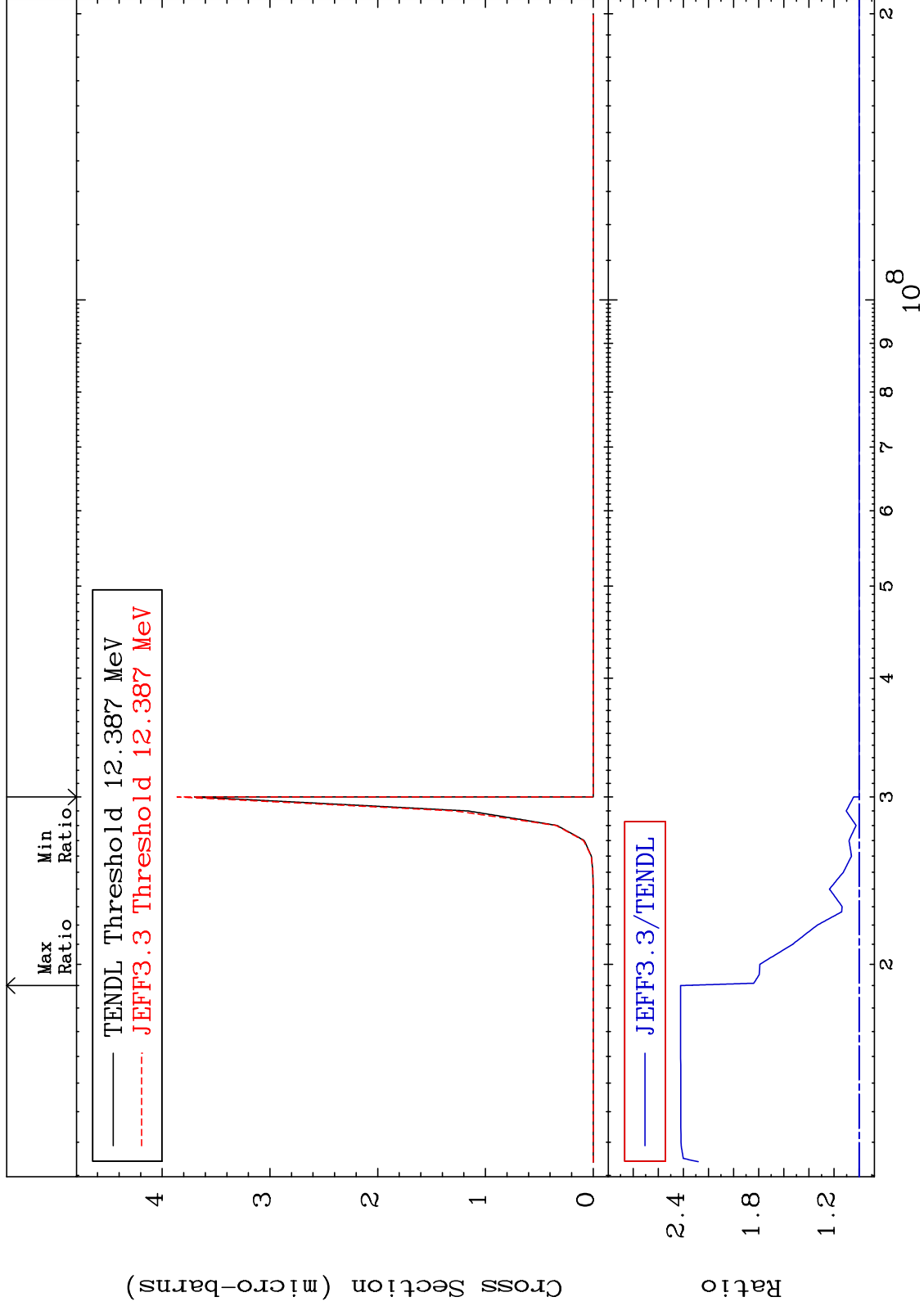


MAT 7525

(n, n') He-3:73-Ta-182g

75-Re-185

Radionuclide Production Cross Section 0.000 To 142.2 %



83

Incident Energy (eV)

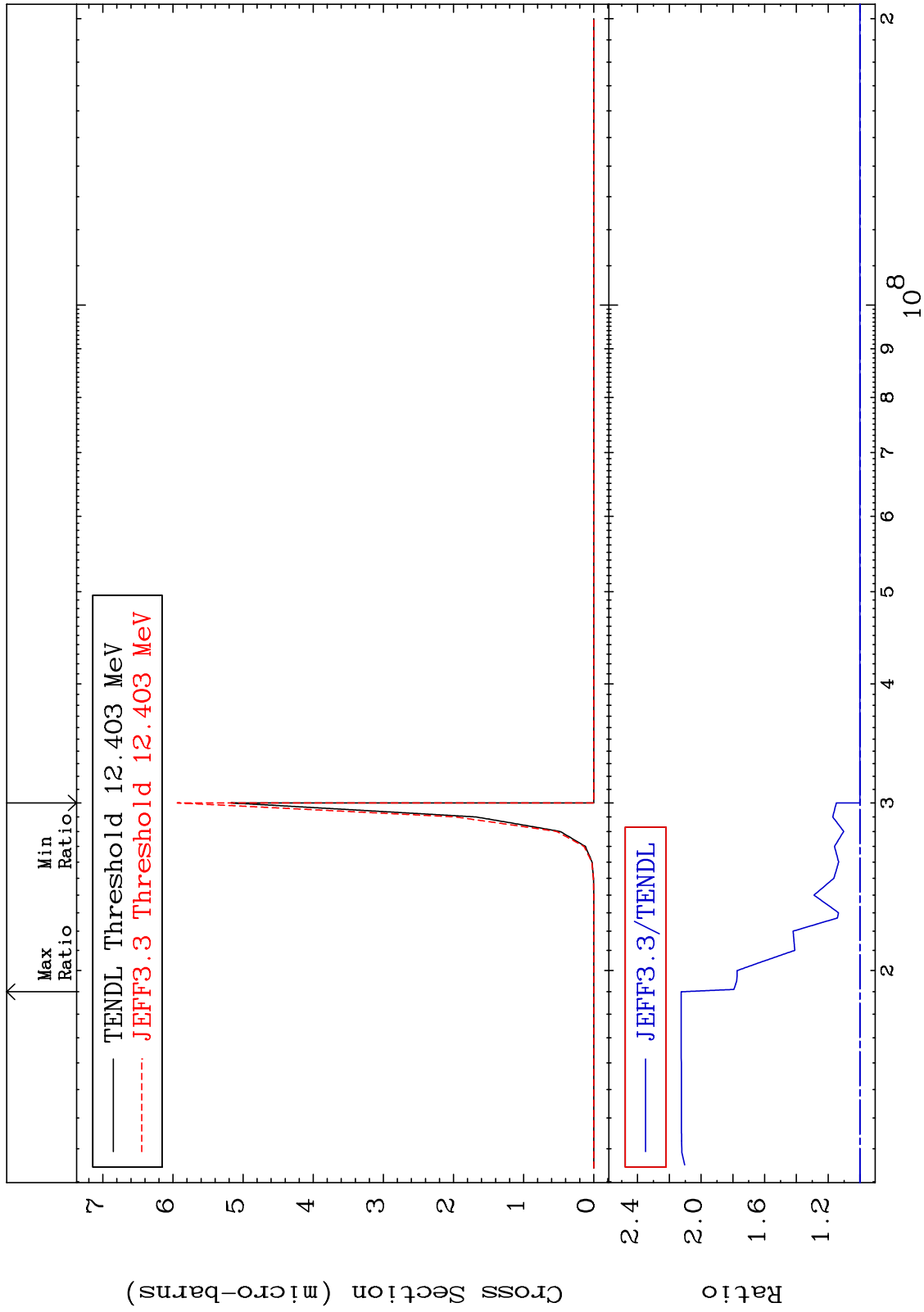
75-Re-185

MAT 7525

(n, n') He-3: 73-Ta-182m1

75-Re-185

Radionuclide Production Cross Section 0.000 To 112.5 %

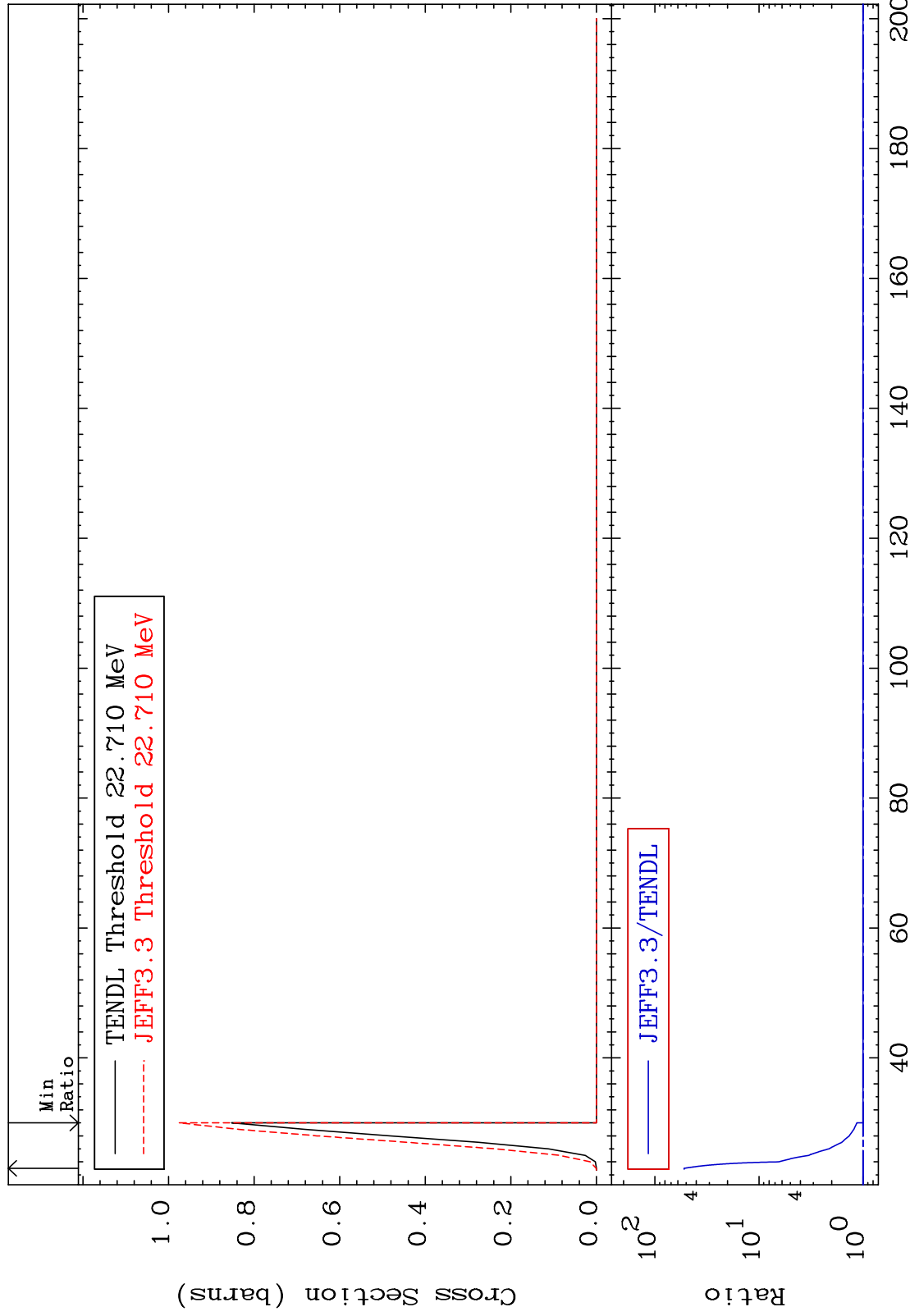


MAT 7525

(n,4n) : 75-Re-182g

75-Re-185

Radionuclide Production Cross Section 0.000 To 5143. %

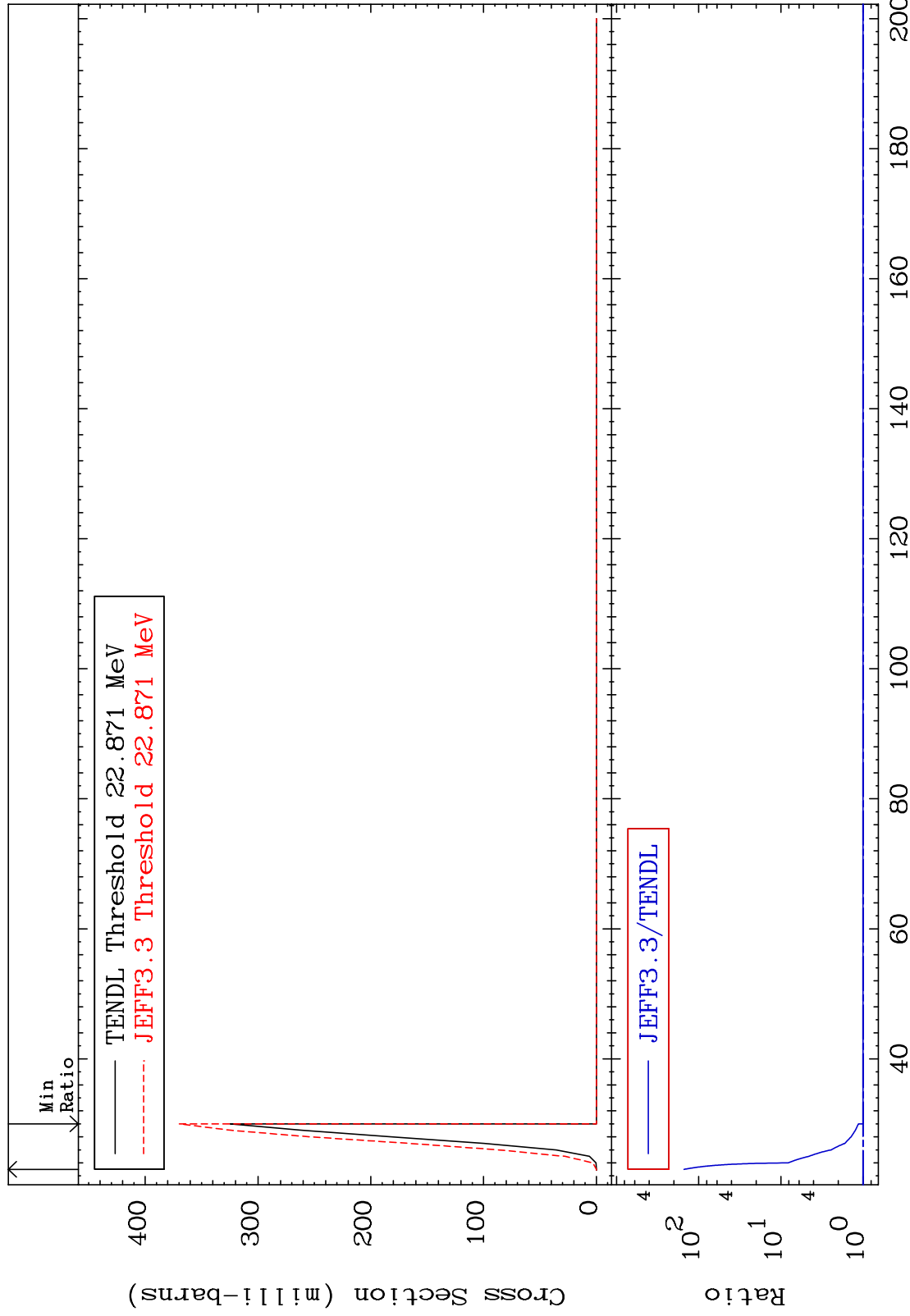


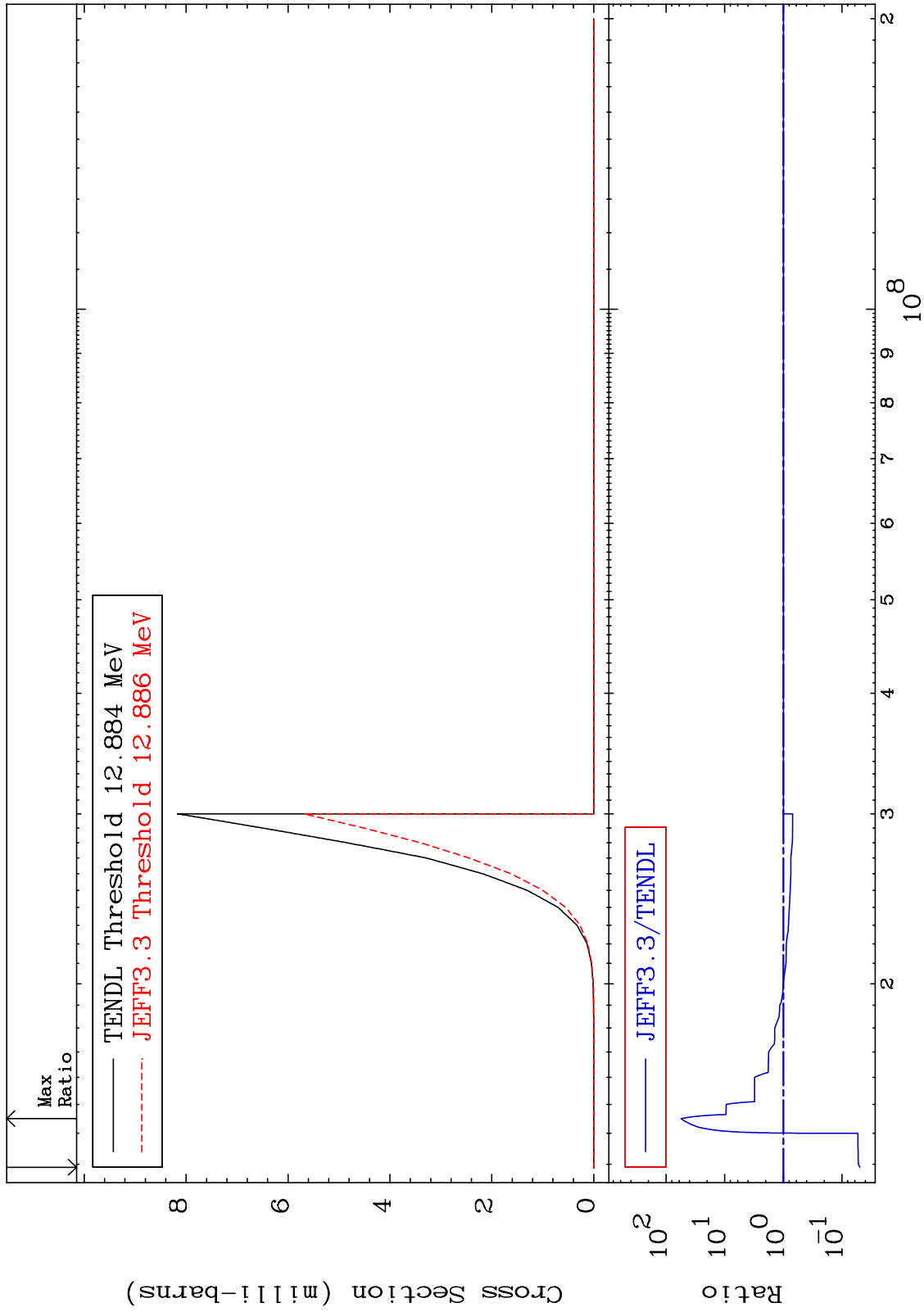
MAT 7525

(n, 4n) : 75-Re-182m2

75-Re-185

Radionuclide Production Cross Section 0.000 To 9999. %





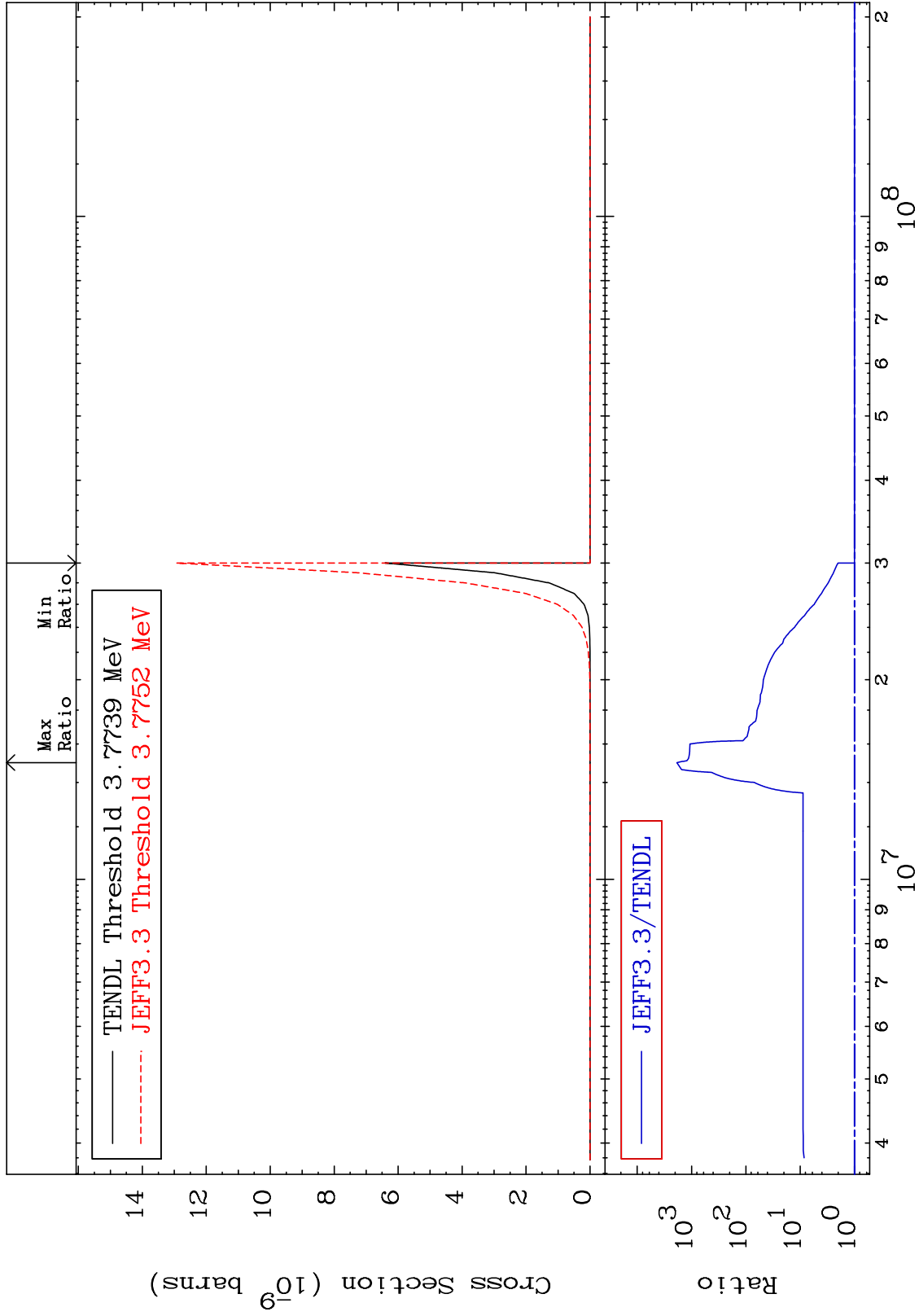


MAT 7525

(n, n') p  $\alpha$ : 72-Hf-180g

75-Re-185

Radionuclide Production Cross Section 0.000 To 9999. %

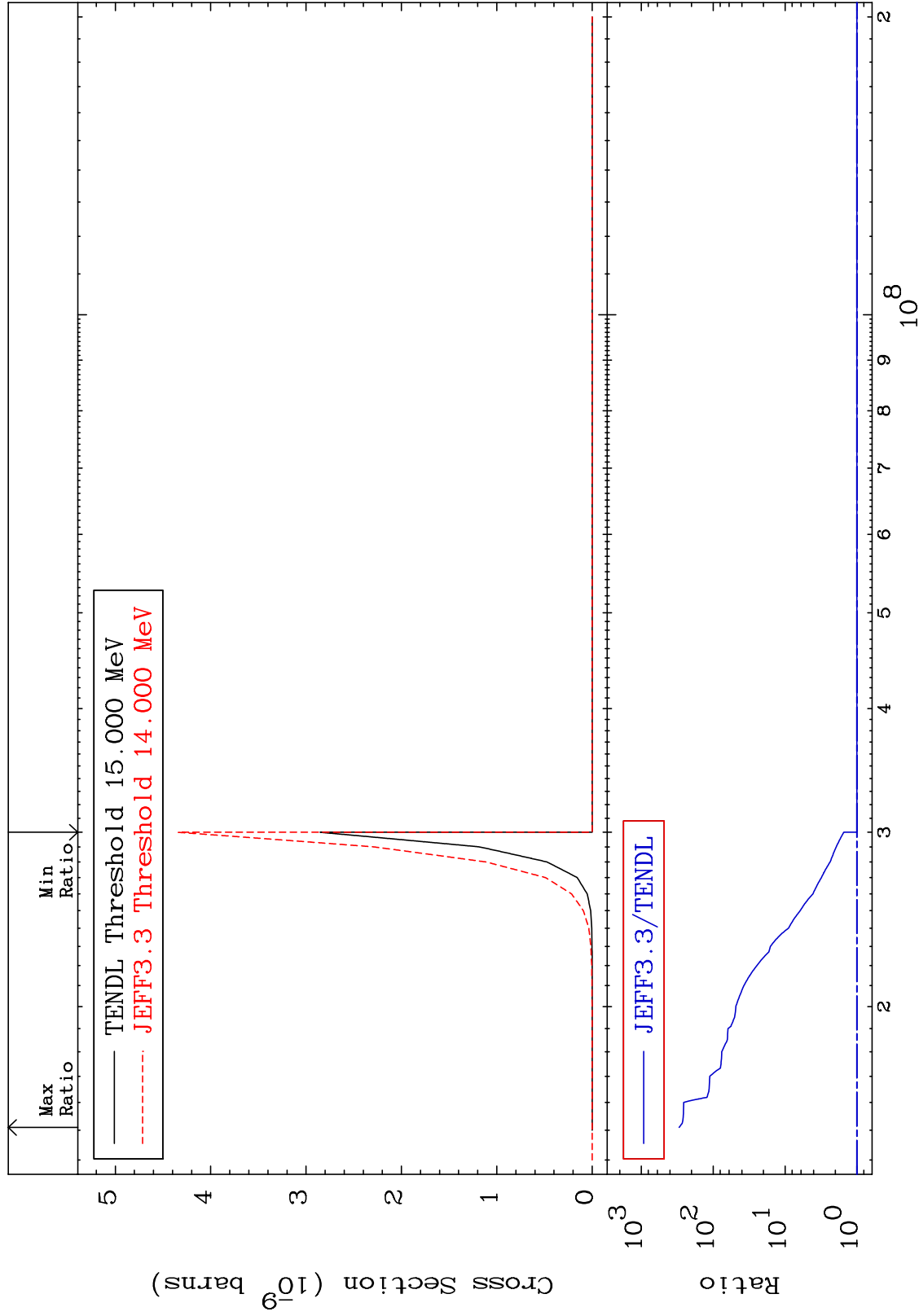


MAT 7525

(n, n') p  $\alpha$ : 72-Hf-180m7

75-Re-185

Radionuclide Production Cross Section 0.000 To 9999. %

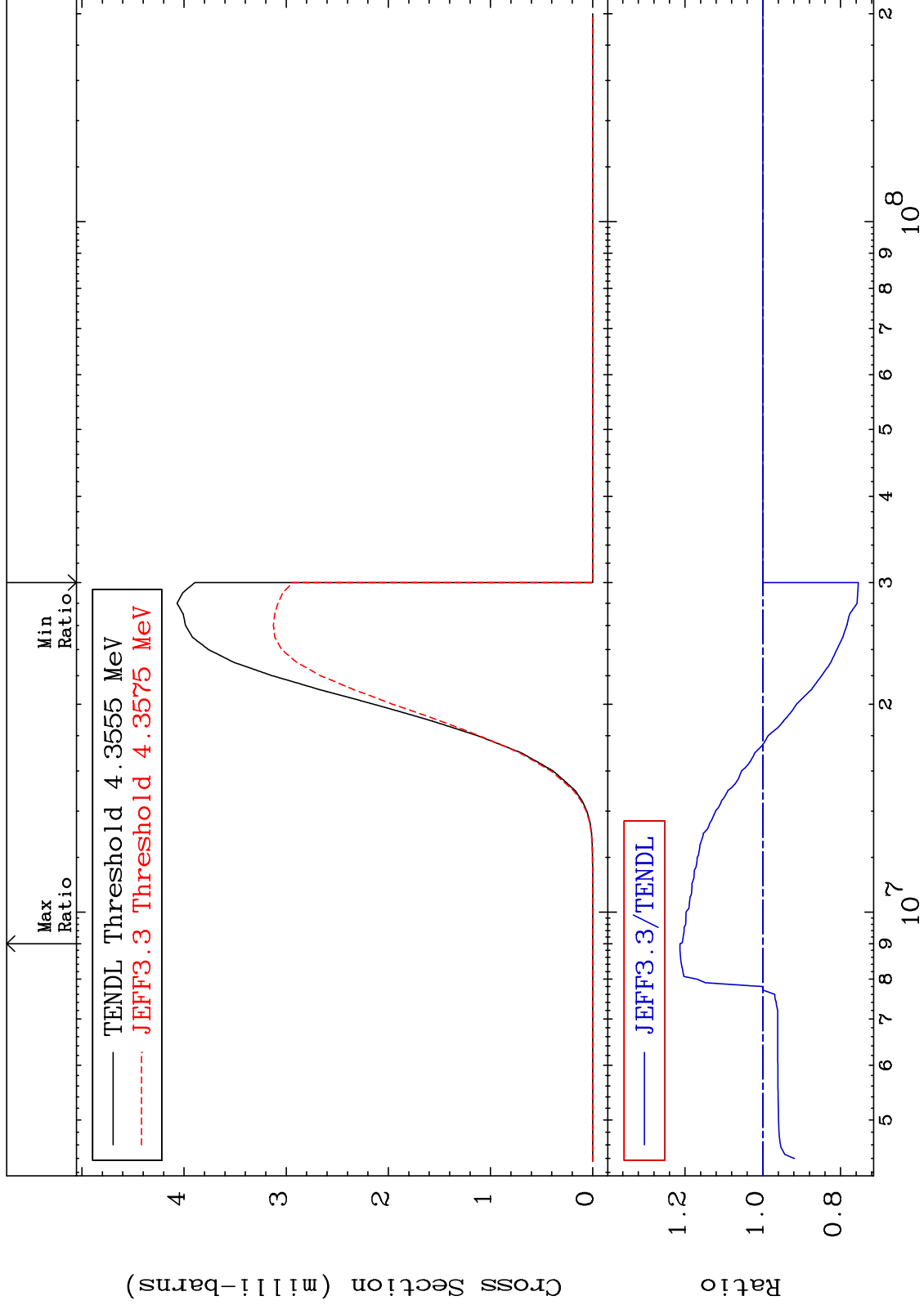


MAT 7525

(n, t): 74-W -183g

75-Re-185

Radionuclide Production Cross Section -24.60 To 21.28 %

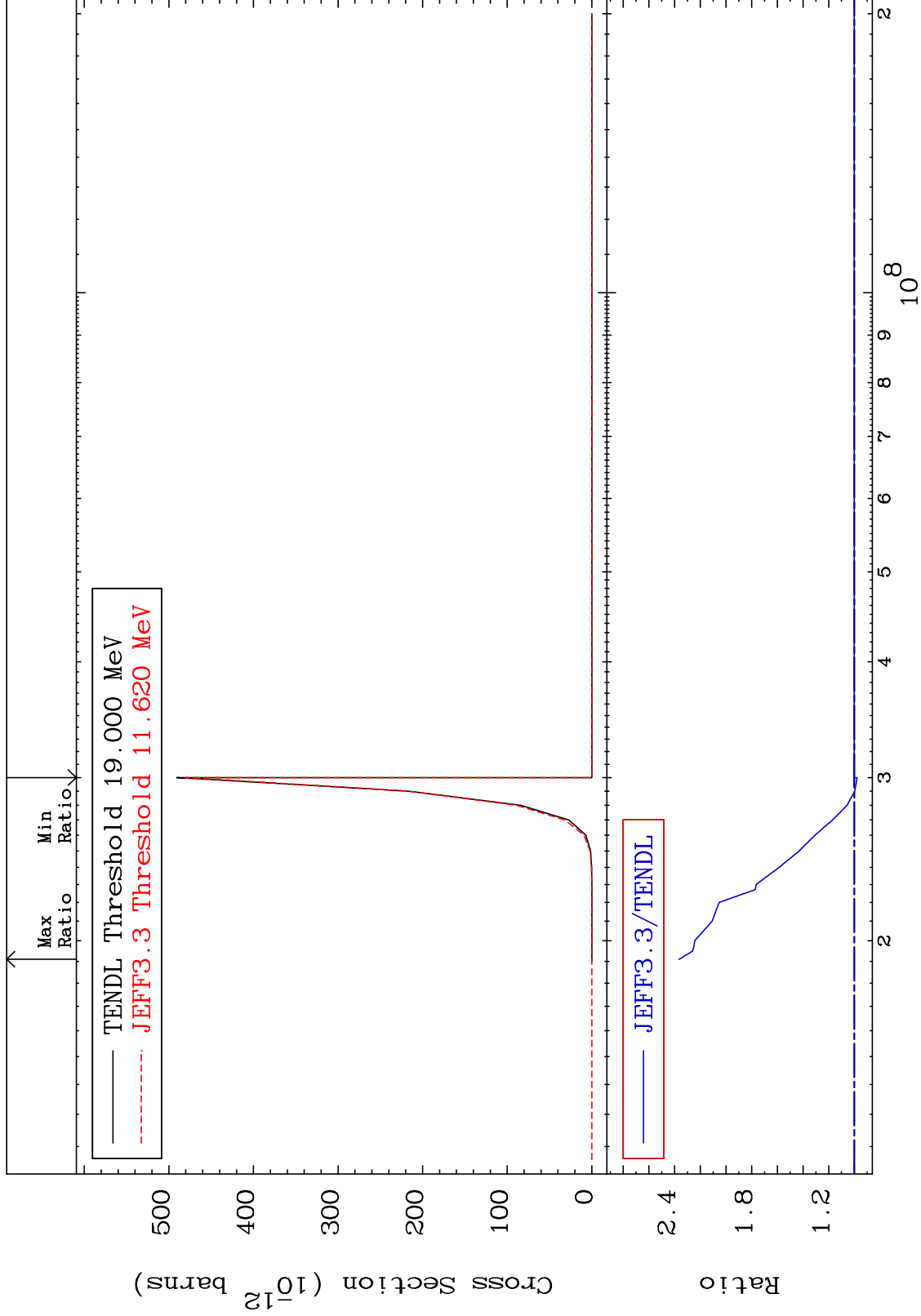


MAT 7525

(n, p) t: 73-Ta-182g

75-Re-185

Radionuclide Production Cross Section -2.158 To 136.5 %



MAT 7525

(n, p) t: 73-Ta-182m1

75-Re-185

Radionuclide Production Cross Section 0.000 To 139.4 %

