

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

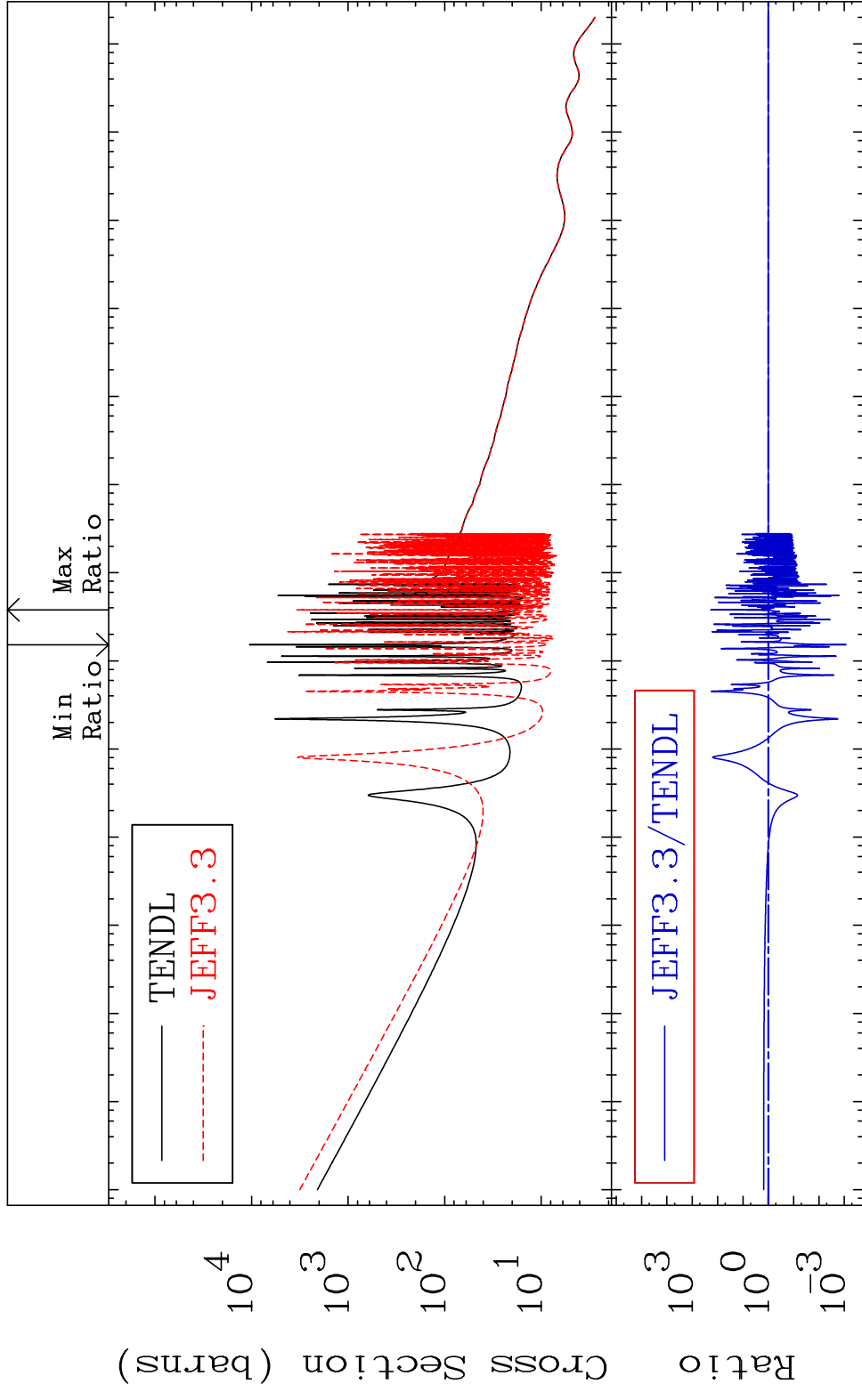
MAT 7528

Total

Cross Section

-99.92 To 9999. %

75-Re-186



1

Incident Energy (eV)

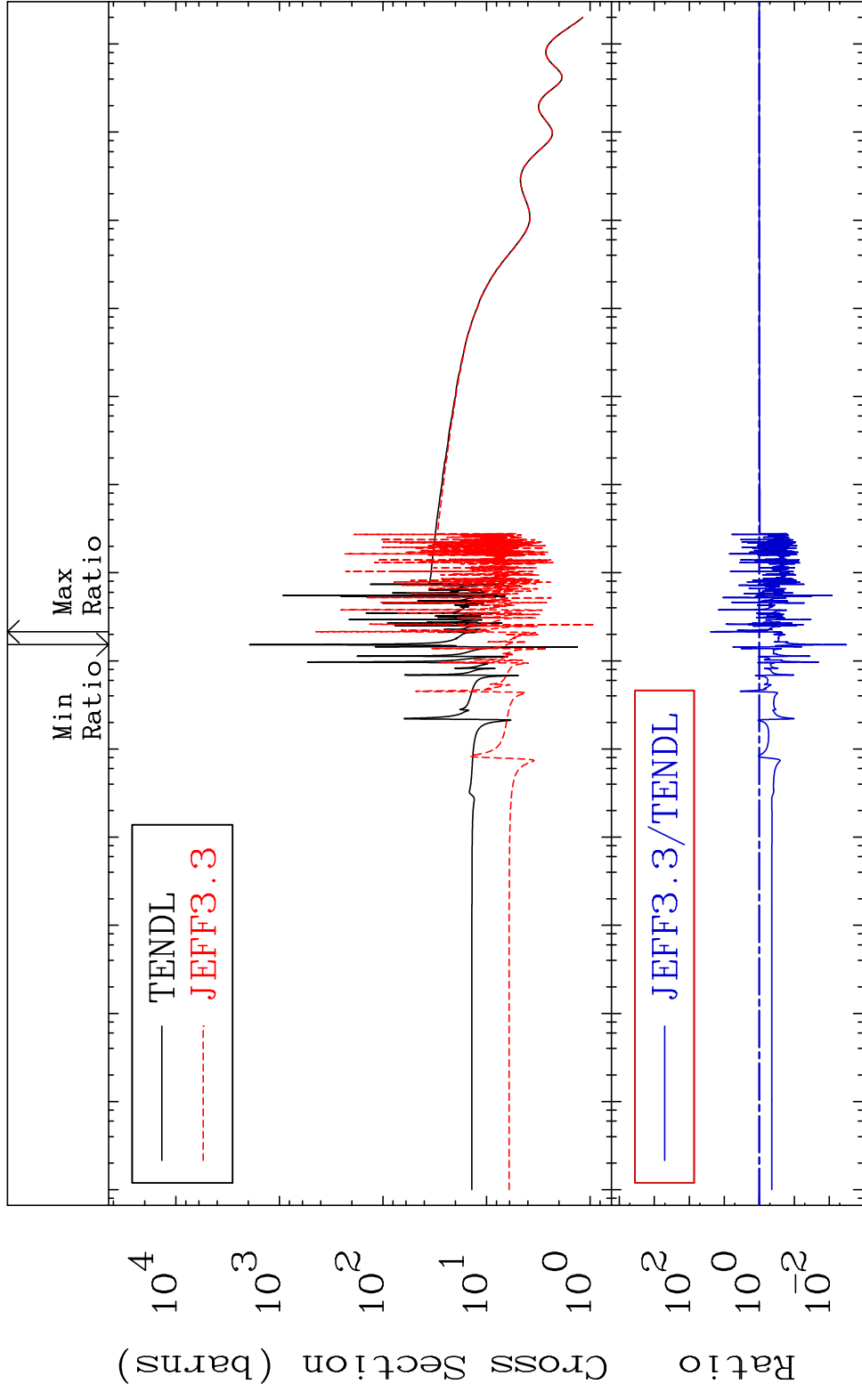
75-Re-186

MAT 7528

Elastic

75-Re-186

Cross Section -99.67 To 2338. %



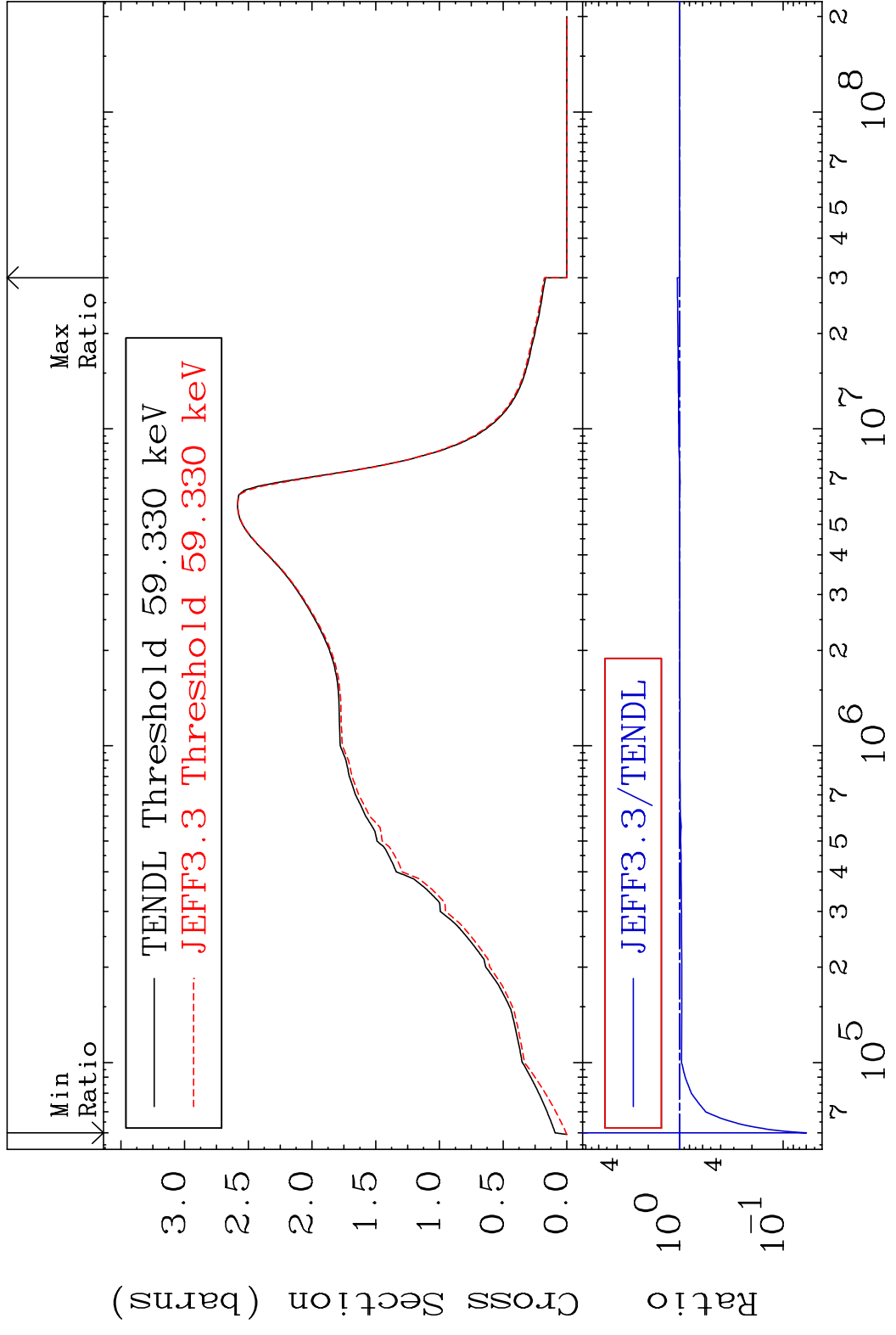
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

2

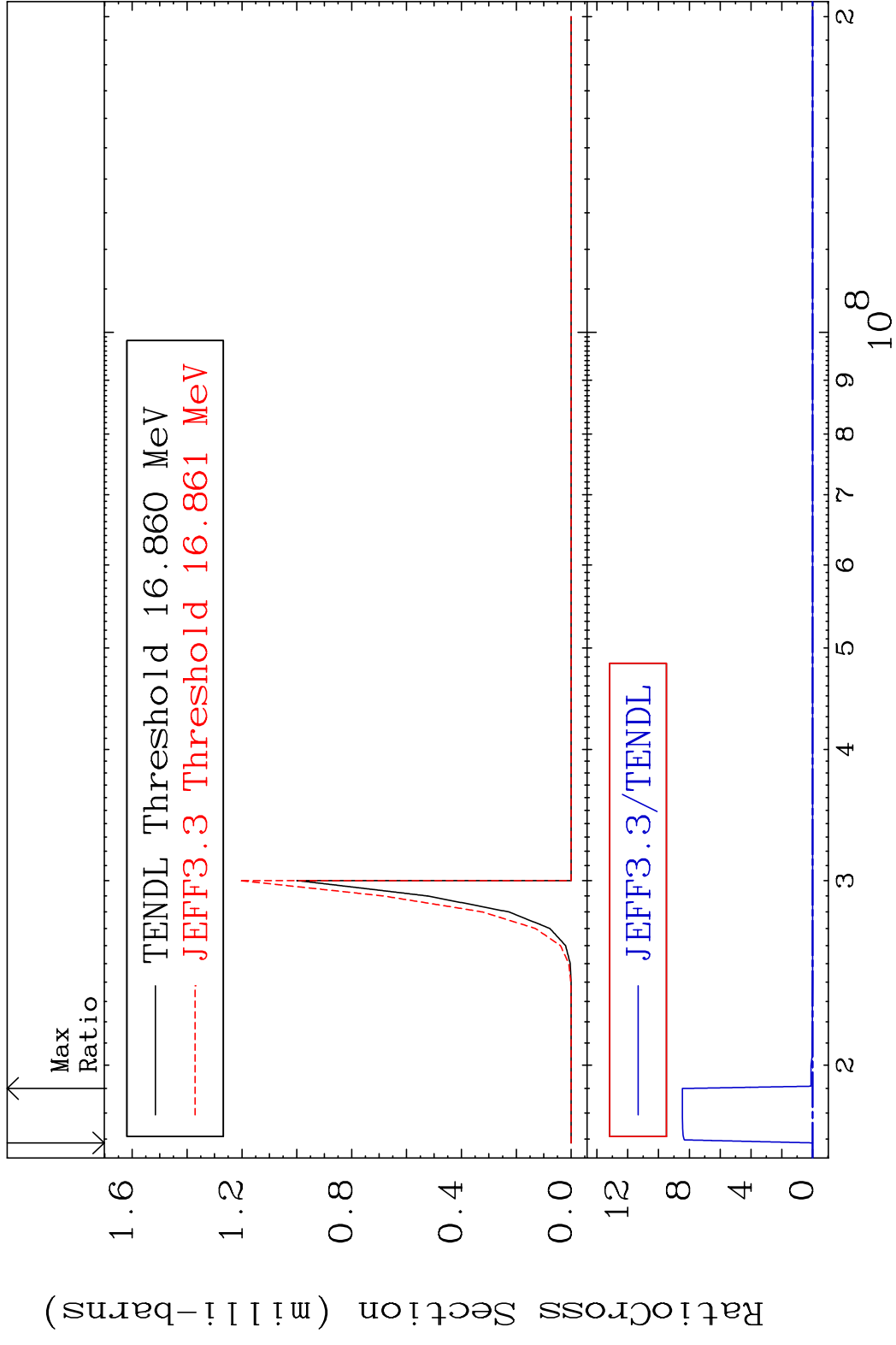
Incident Energy (eV)

75-Re-186

MAT 7528                      Inelastic                      75-Re-186  
 Cross Section                      -94.02 To 5.199 %



MAT 7528 (n,2n) d 75-Re-186  
 Cross Section -100.0 To 9999. %



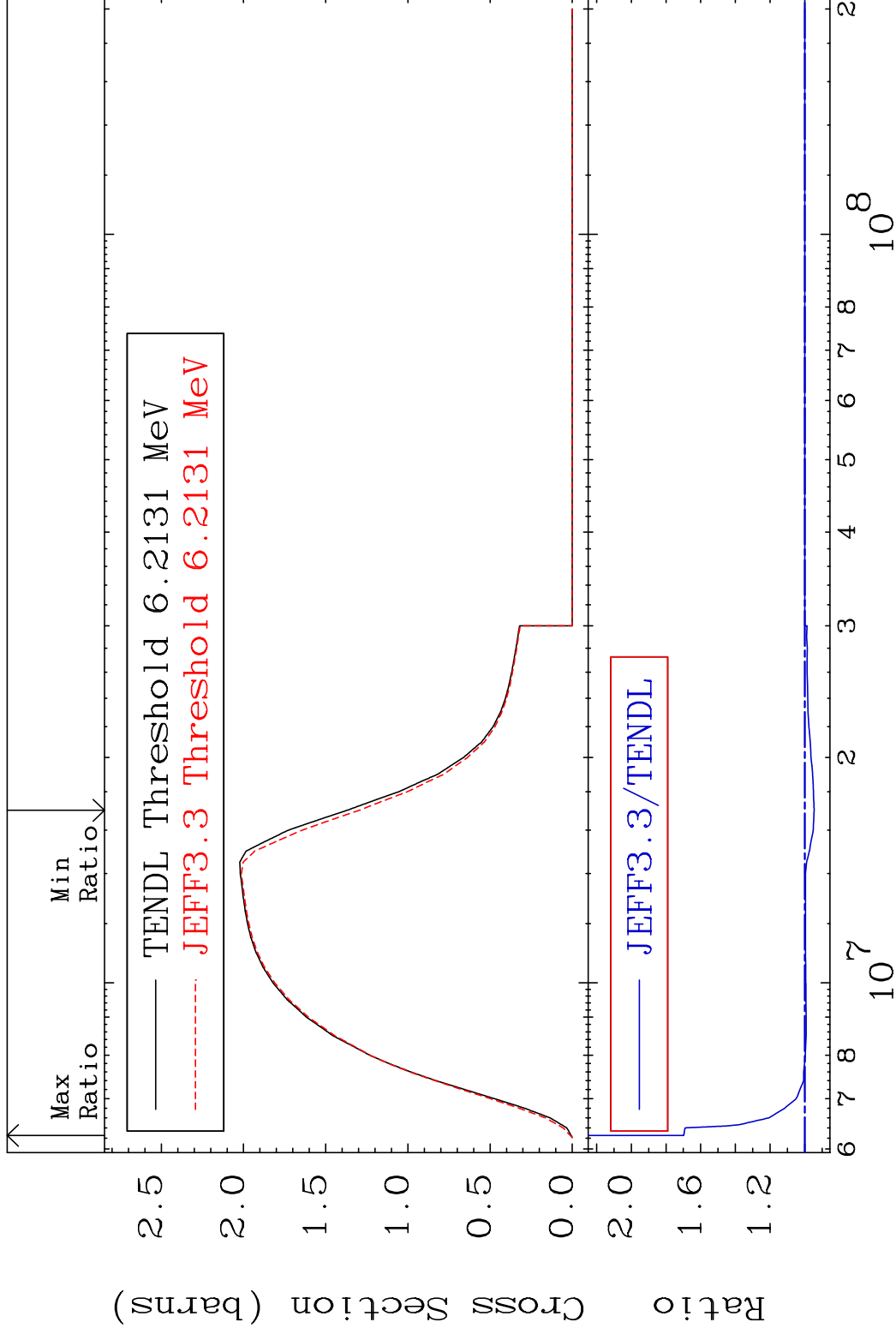
4 Incident Energy (eV) 75-Re-186

MAT 7528

(n,2n)

75-Re-186

Cross Section -5.352 To 69.82 %



5

Incident Energy (eV)

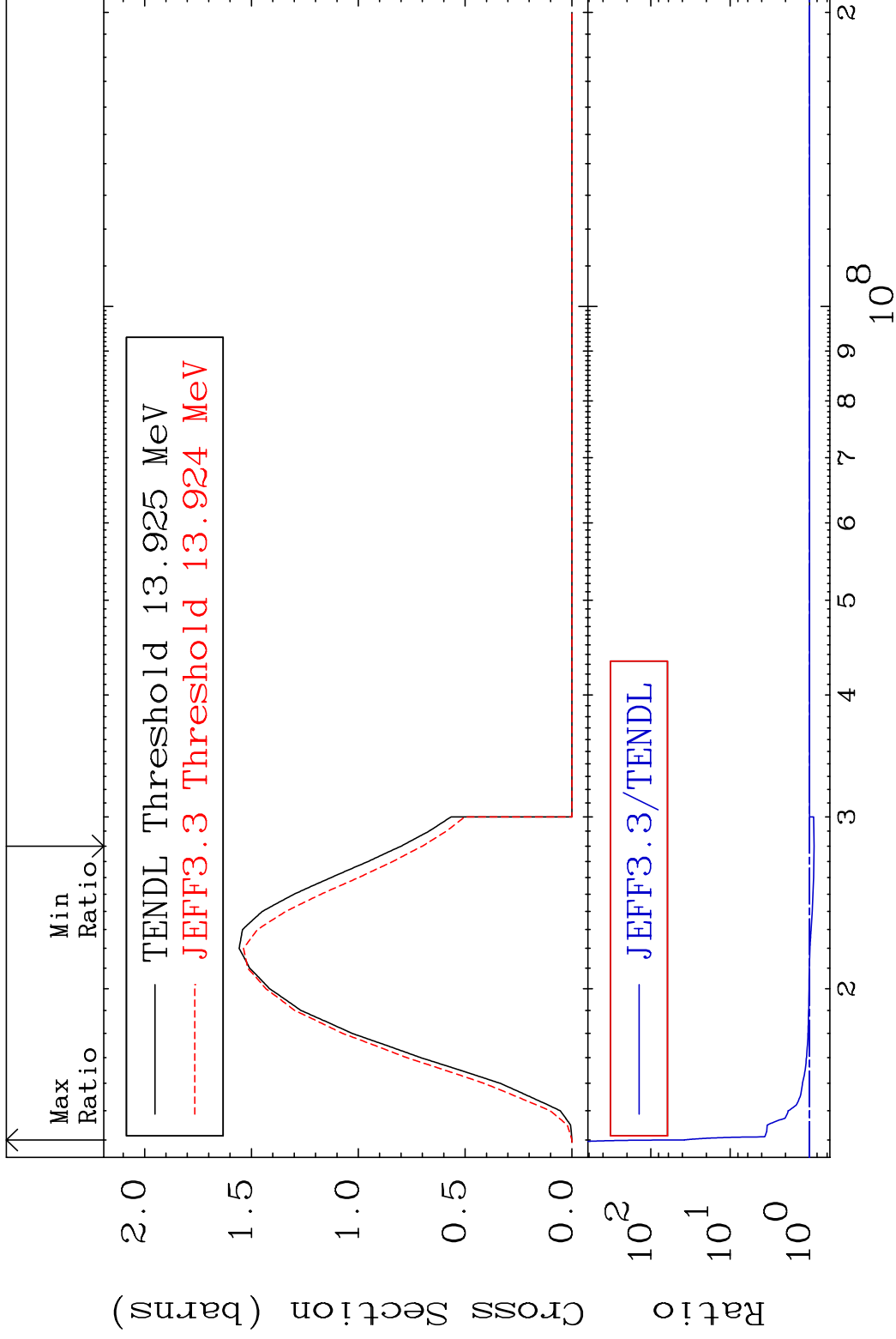
75-Re-186

MAT 7528

(n,3n)

75-Re-186

Cross Section -12.41 To 3778. %

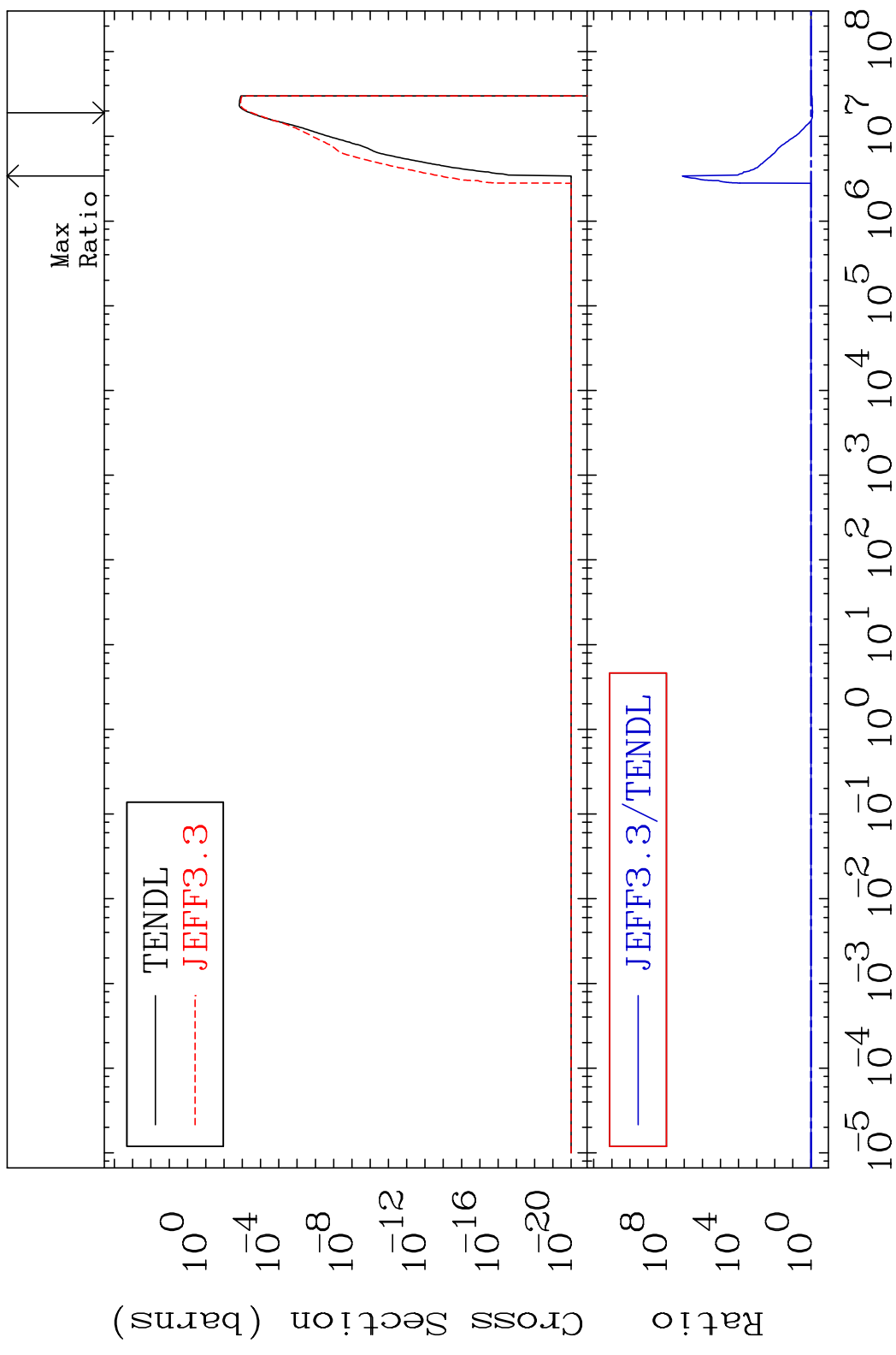


MAT 7528

(n, n')  $\alpha$

75-Re-186

Cross Section -18.13 To 9999. %



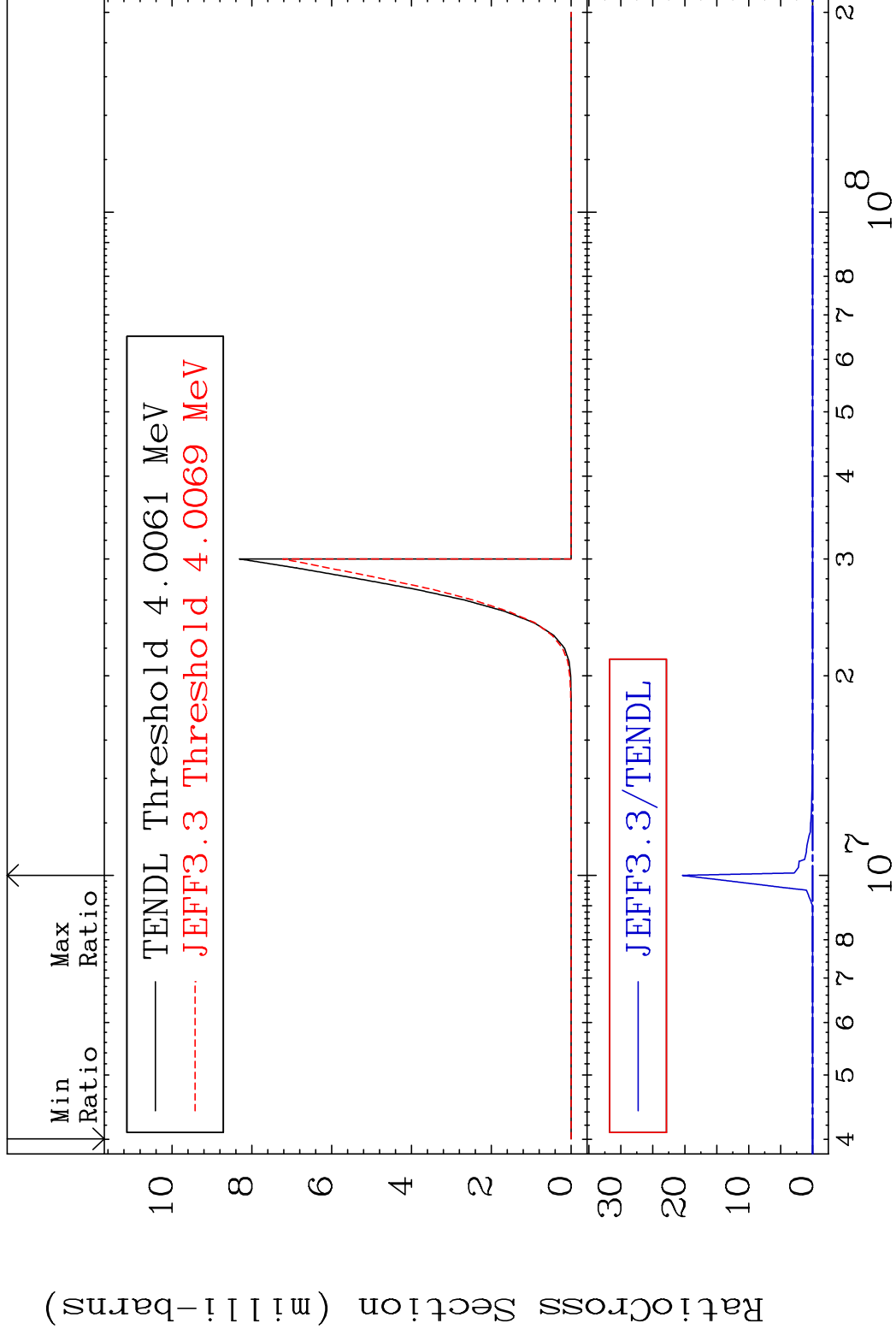


MAT 7528

(n,2n)  $\alpha$

75-Re-186

Cross Section -100.0 To 9999. %

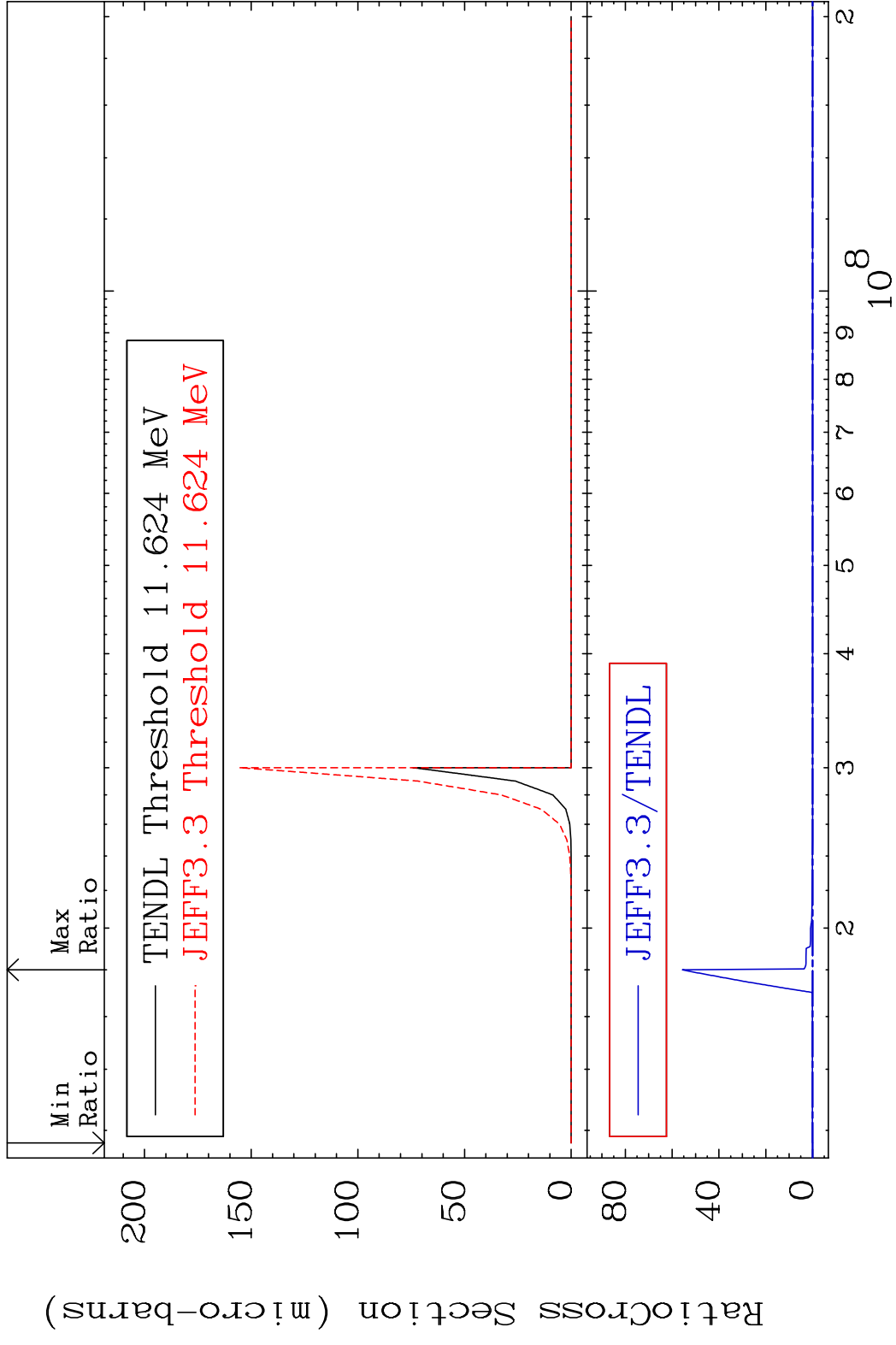


8

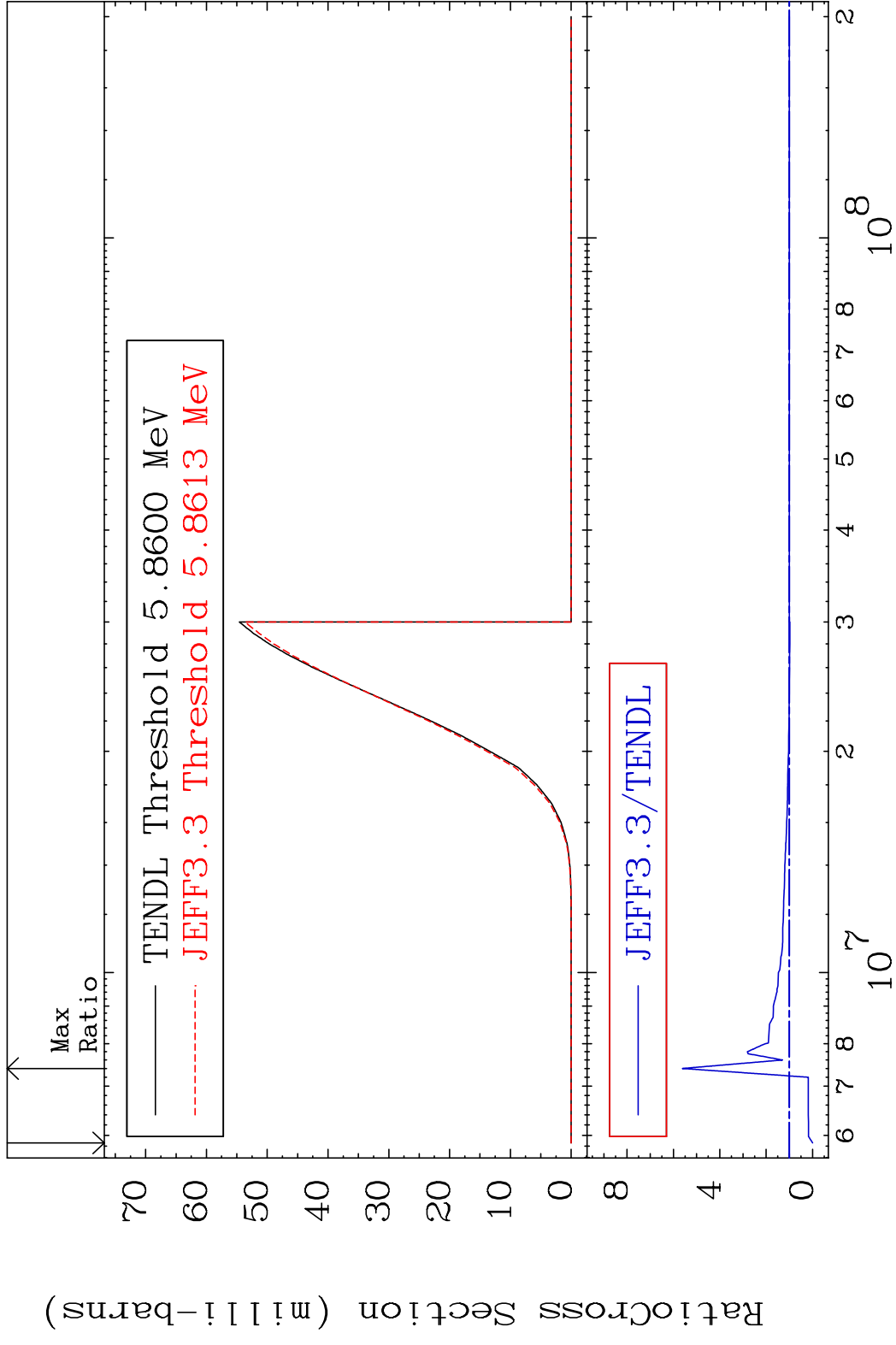
Incident Energy (eV)

75-Re-186

MAT 7528 (n,3n)  $\alpha$  75-Re-186  
 Cross Section -100.0 To 9999. %



MAT 7528 (n, n') p 75-Re-186  
 Cross Section -100.0 To 461.6 %



10 Incident Energy (eV) 75-Re-186

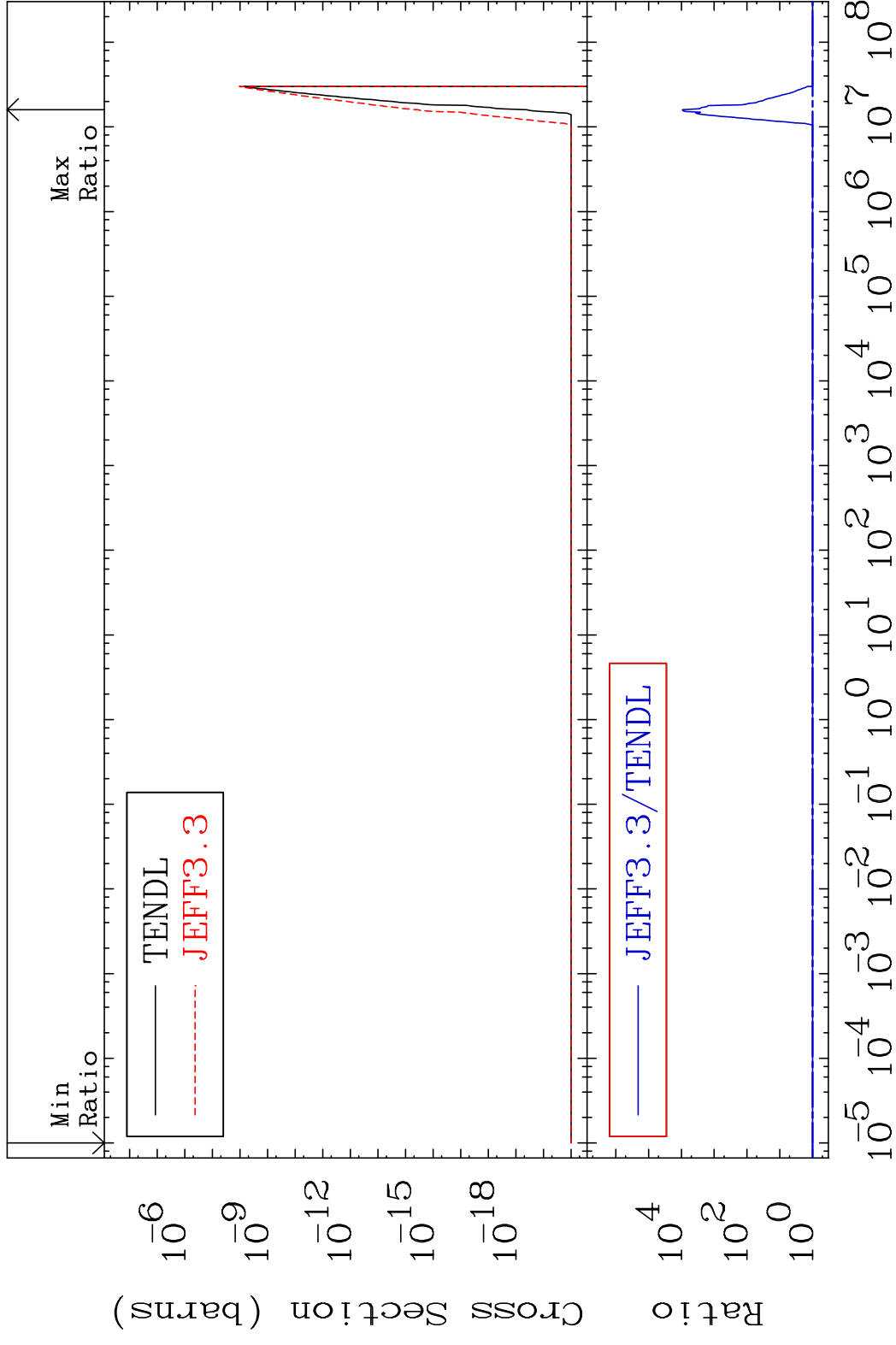
MAT 7528

(n, n') 2α

75-Re-186

Cross Section 0.000

To 9999. %

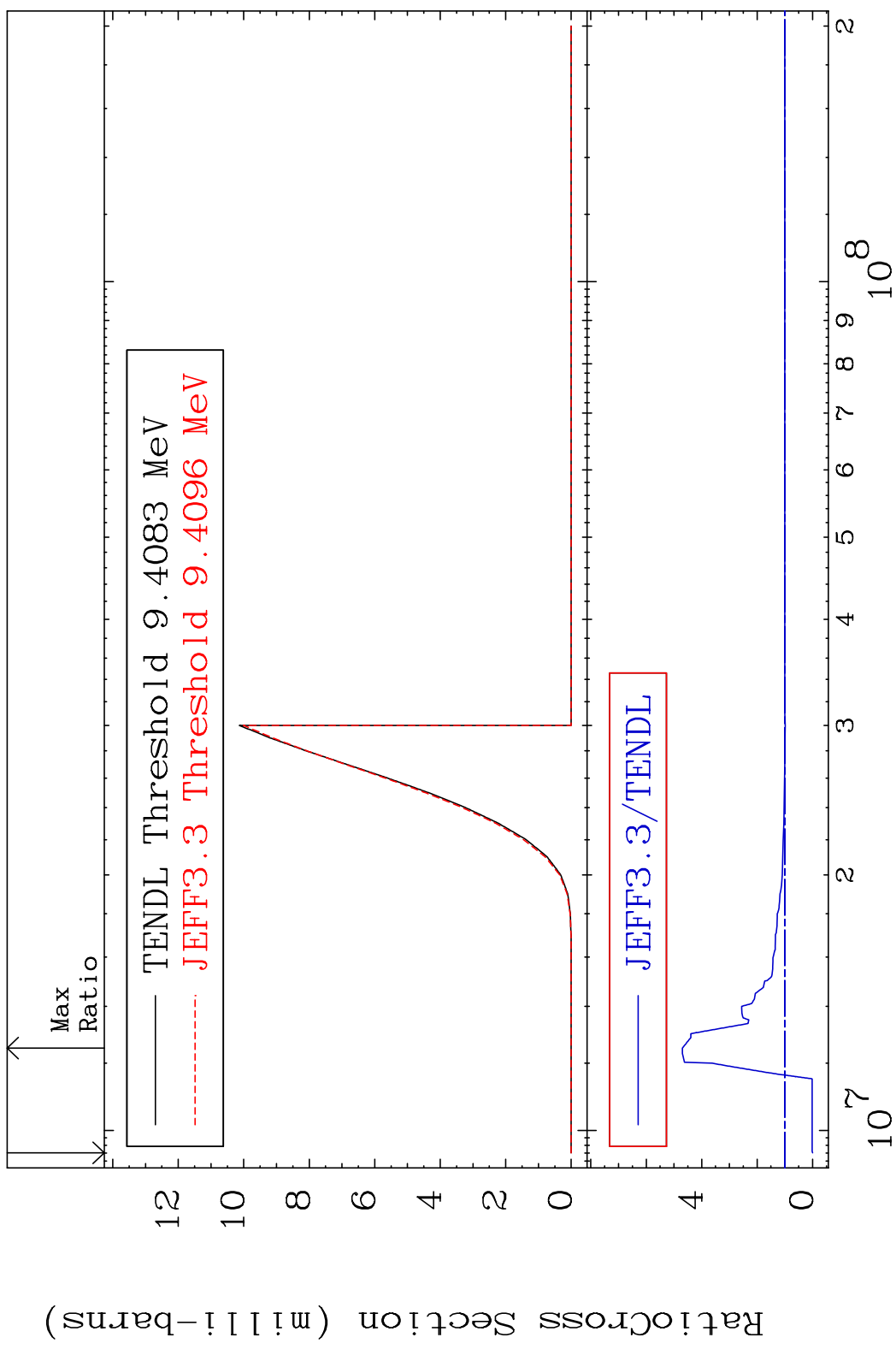


MAT 7528

(n, n') d

75-Re-186

Cross Section -100.0 To 369.7 %

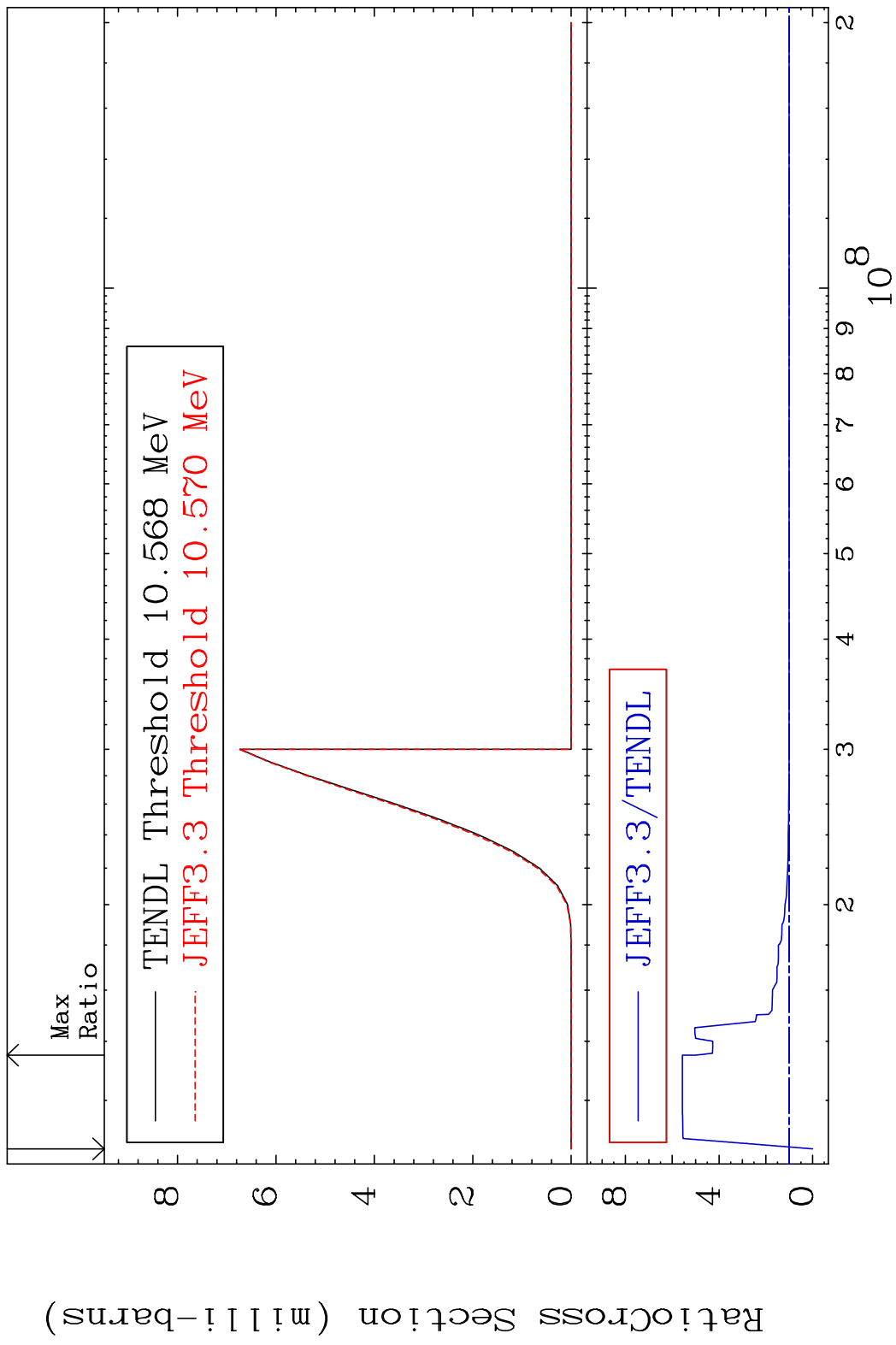


12

Incident Energy (eV)

75-Re-186

MAT 7528 (n, n') t 75-Re-186  
 Cross Section -100.0 To 456.8 %

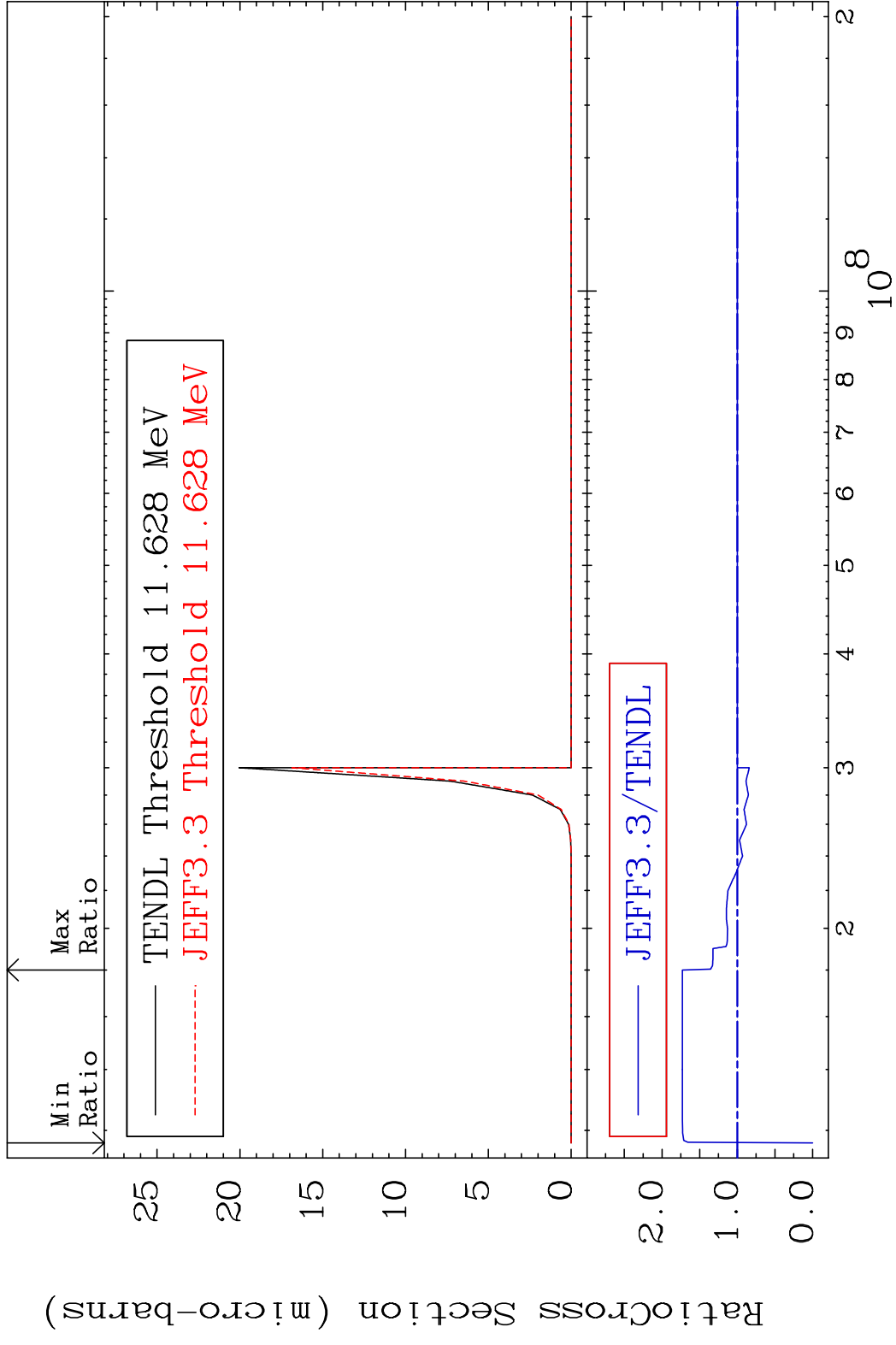


MAT 7528

(n,n') He-3

75-Re-186

Cross Section -100.0 To 72.95 %

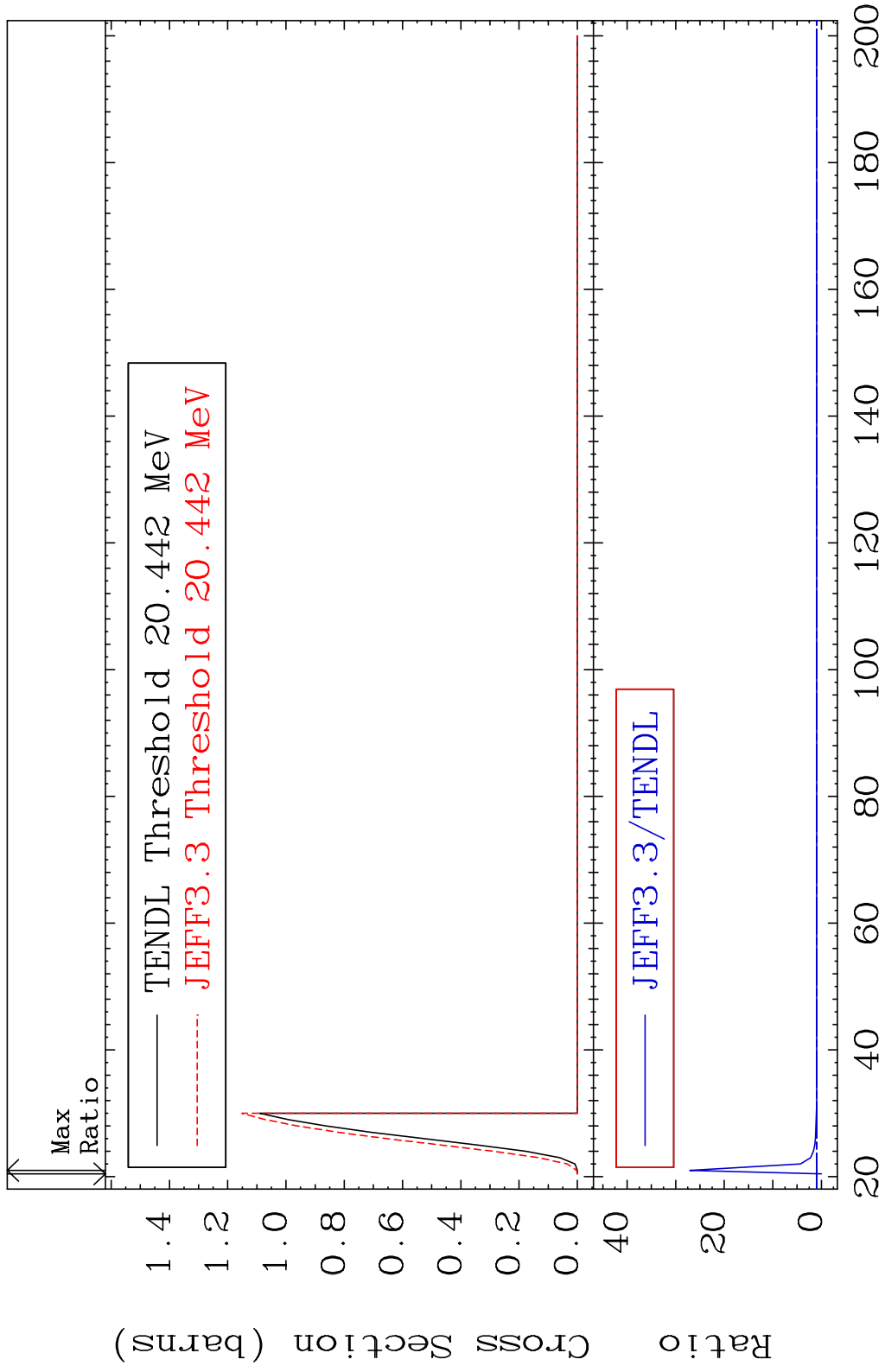


MAT 7528

(n,4n)

75-Re-186

Cross Section -100.0 To 2610. %



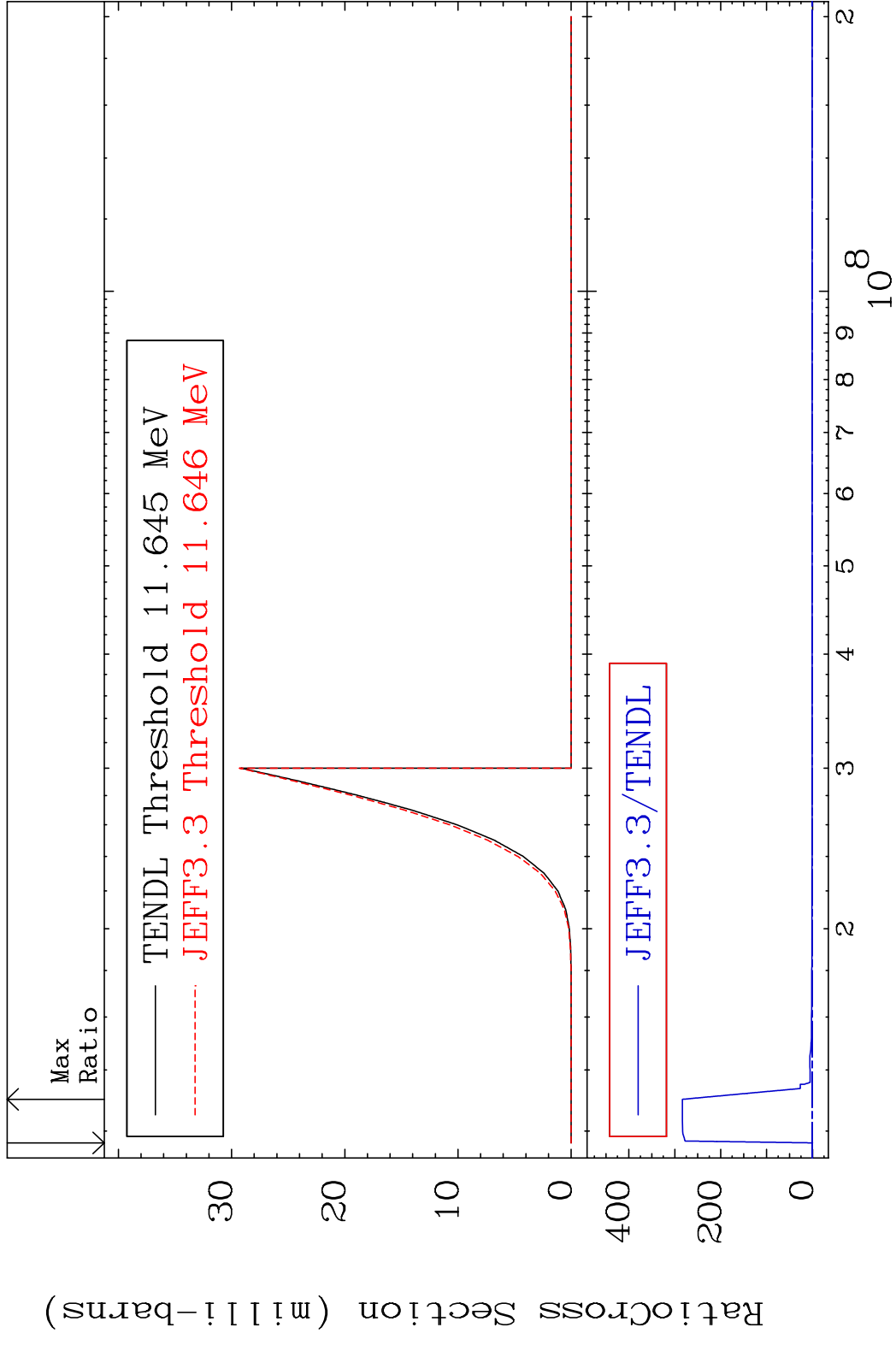
15

Incident Energy (MeV)

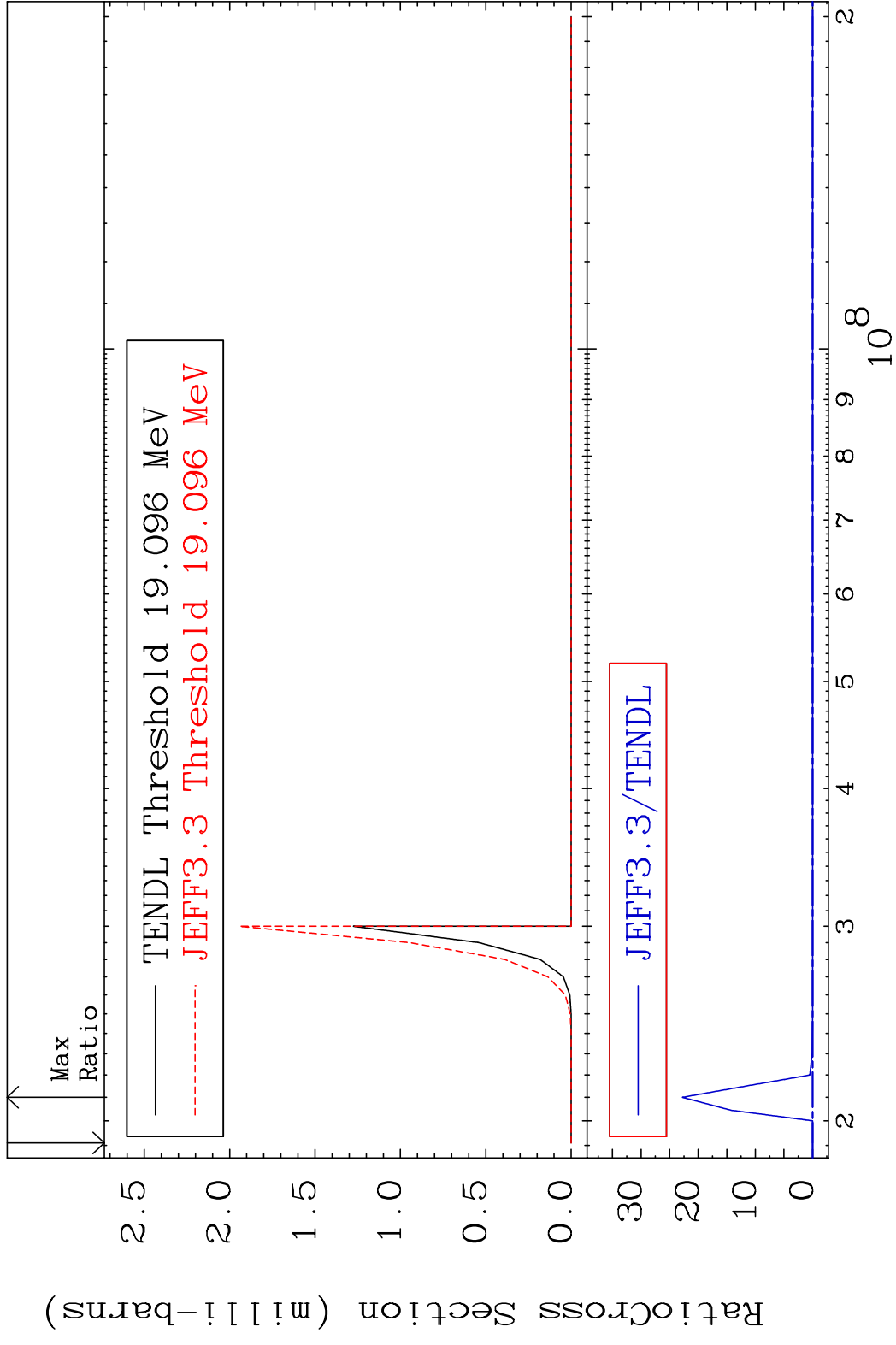
75-Re-186



MAT 7528 (n,2n) p 75-Re-186  
 Cross Section -100.0 To 9999. %



MAT 7528 (n,3n) p 75-Re-186  
 Cross Section -100.0 To 9999. %

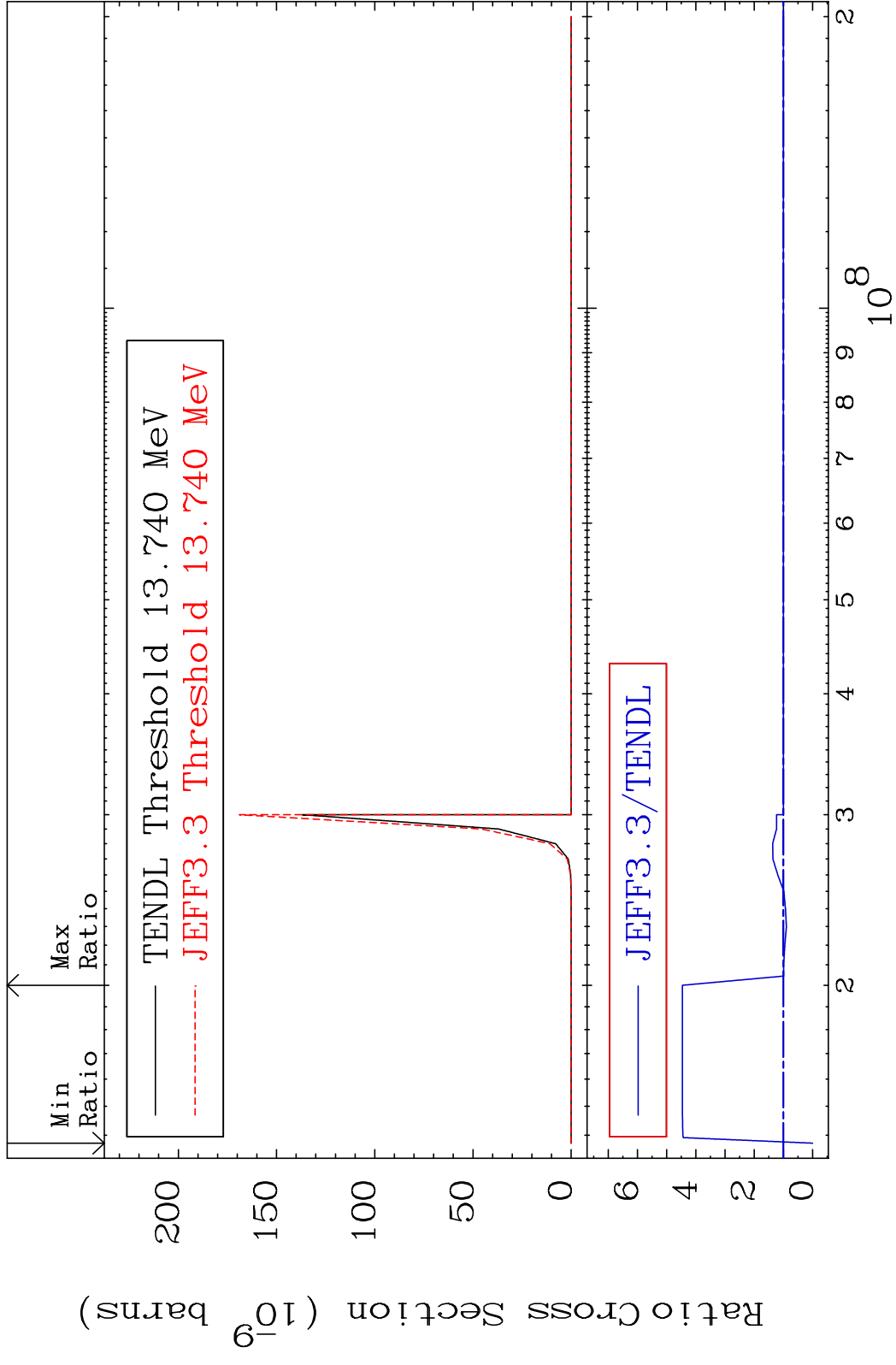


MAT 7528

(n,2n) p

75-Re-186

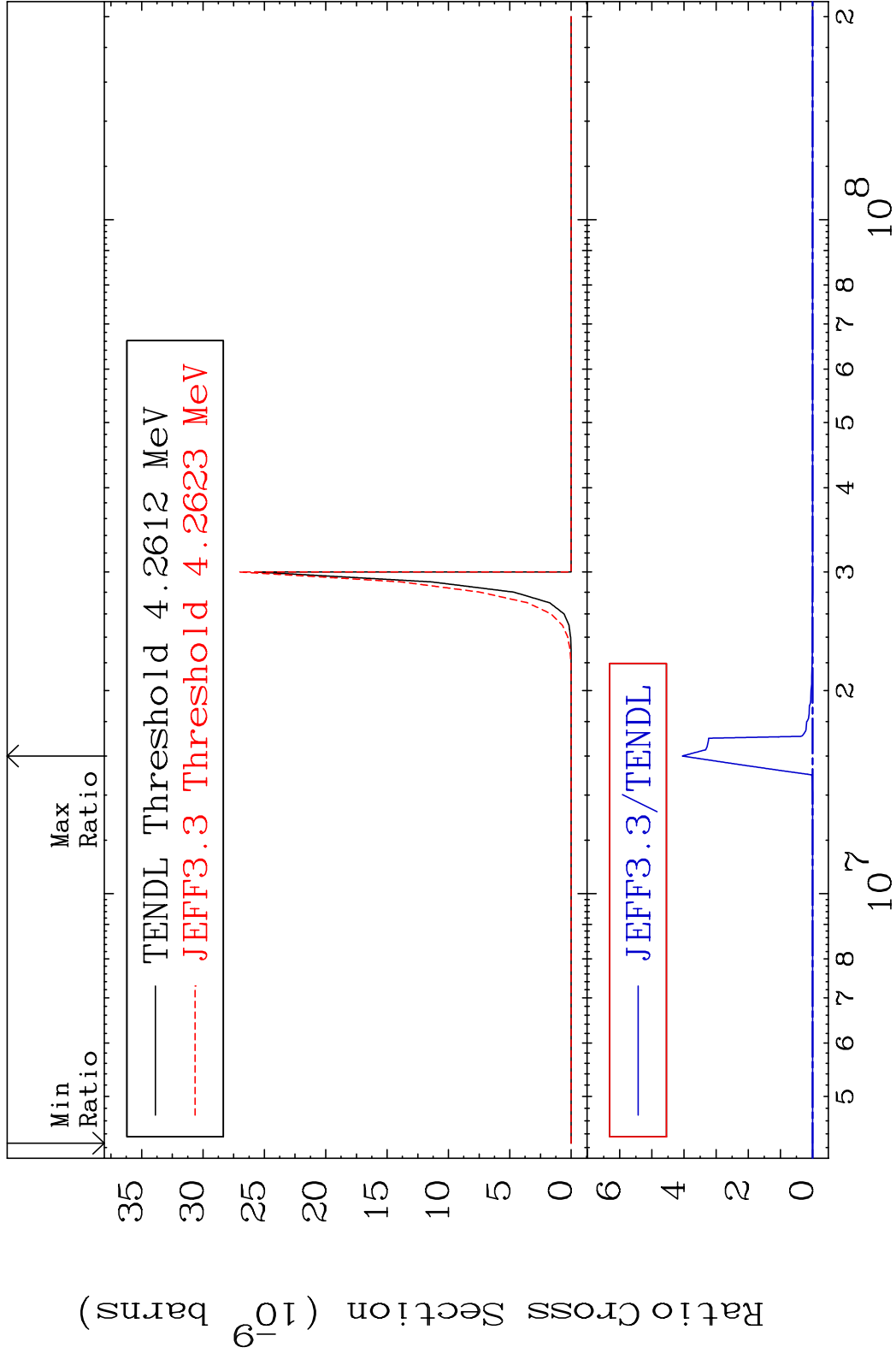
Cross Section -100.0 To 346.1 %



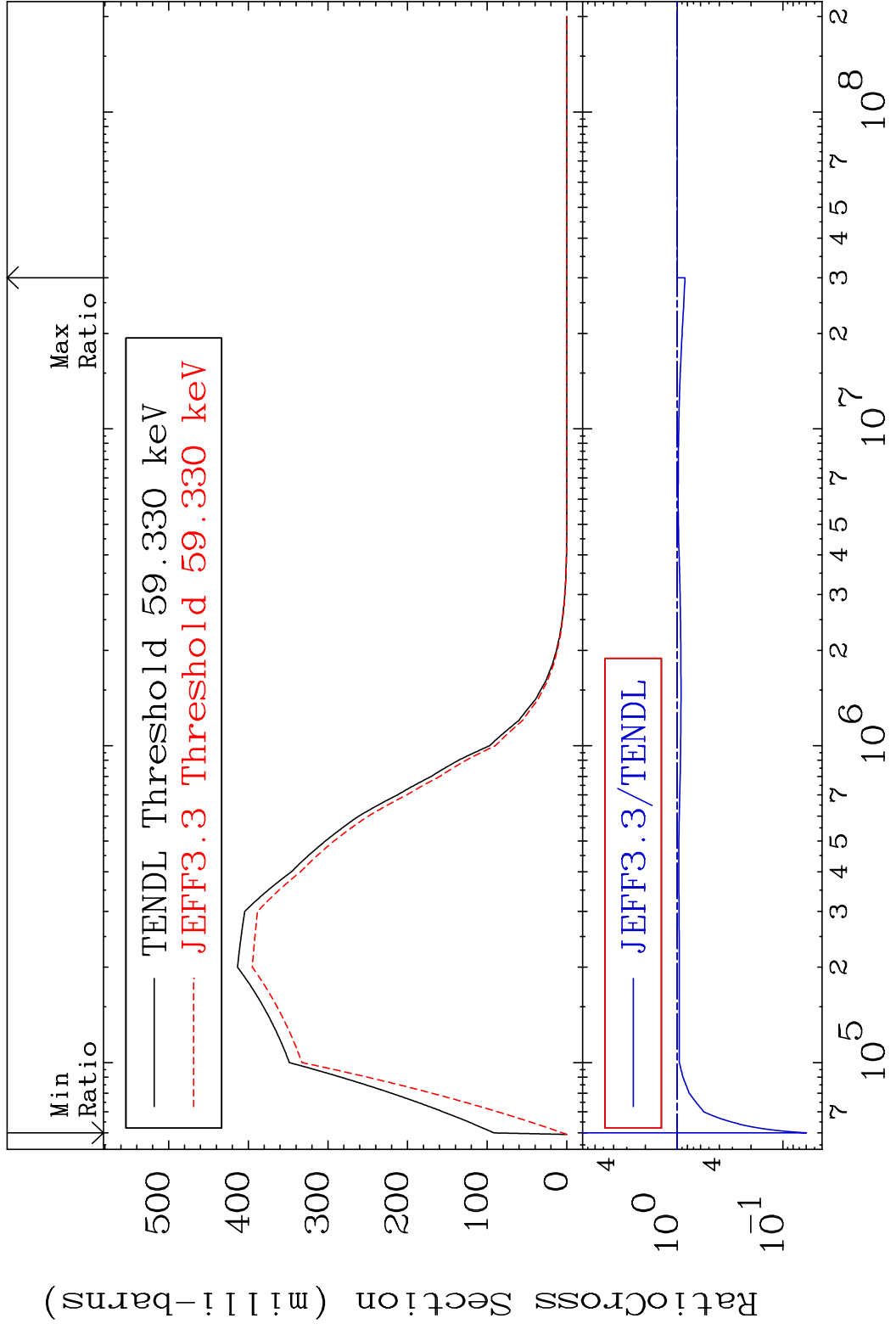
MAT 7528

(n,n') p  $\alpha$  75-Re-186

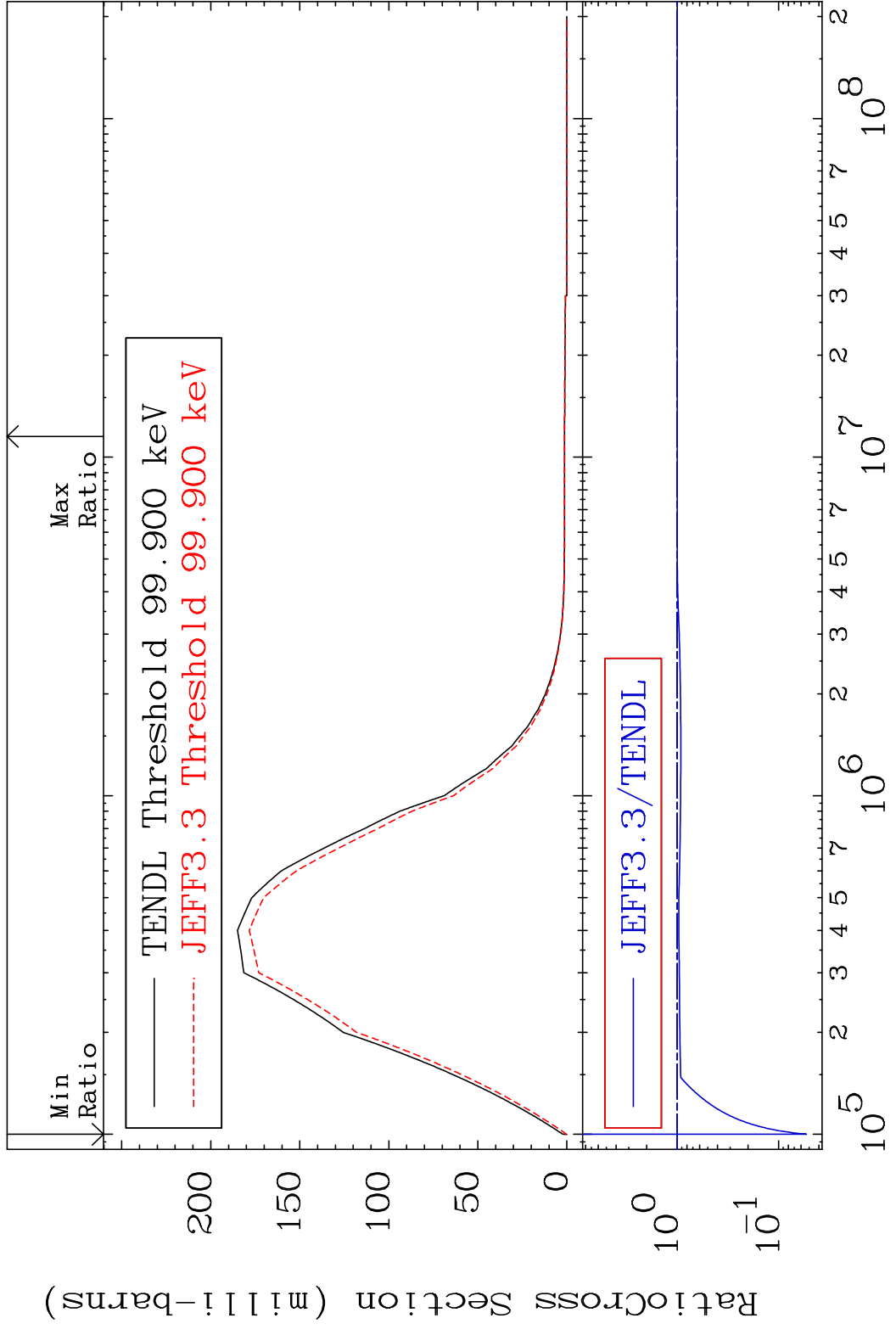
Cross Section -100.0 To 9999. %



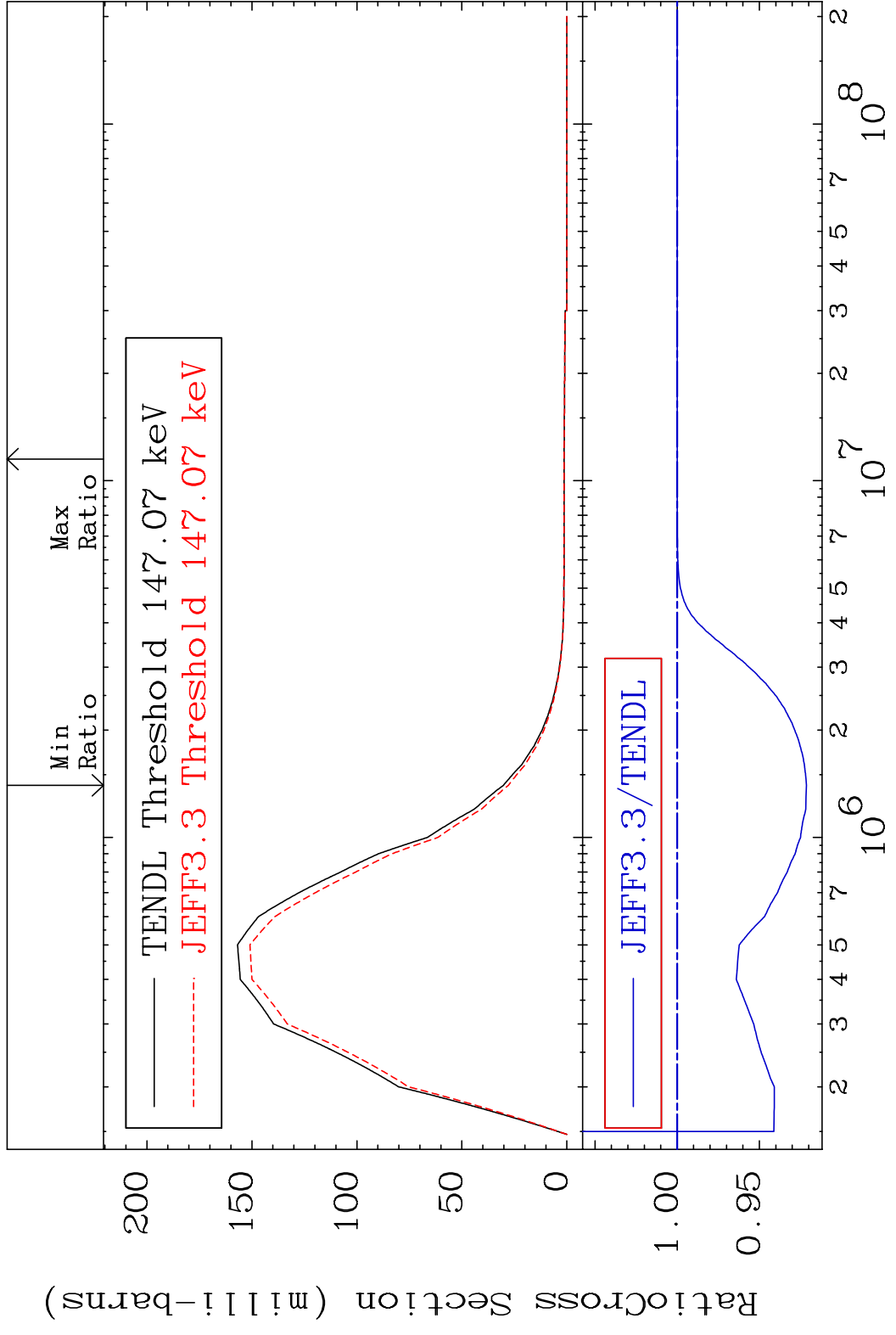
MAT 7528 MT= 51 (n, n') Level 75-Re-186  
 Cross Section -94.02 To 0.000 %



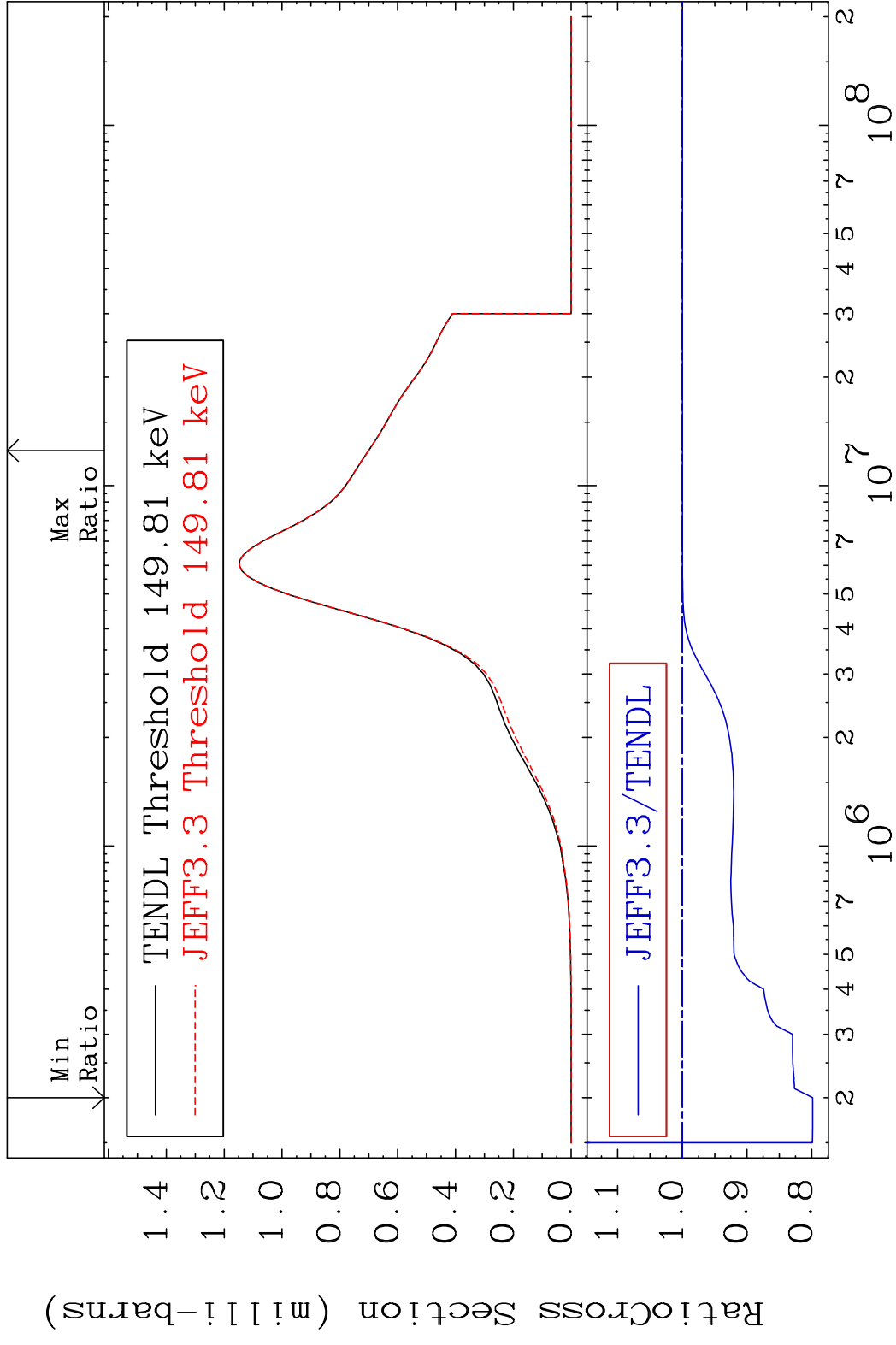
MAT 7528 MT= 52 (n, n') Level 75-Re-186  
 Cross Section -94.68 To 0.000 %



MAT 7528 MT= 53 (n, n') Level 75-Re-186  
 Cross Section -7.860 To 0.000 %

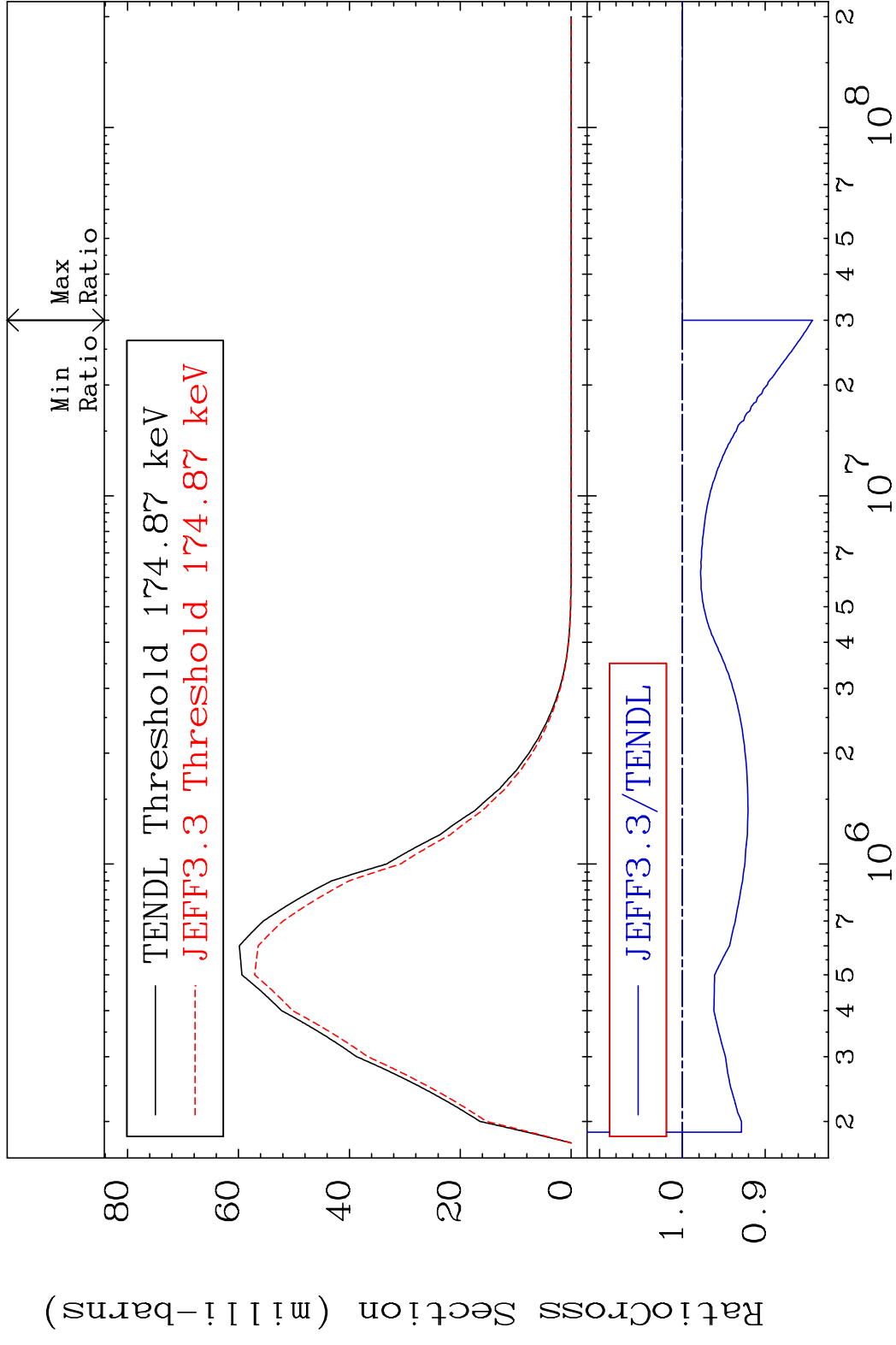


MAT 7528 MT= 54 (n, n') Level 75-Re-186  
 Cross Section -20.14 To 0.000 %

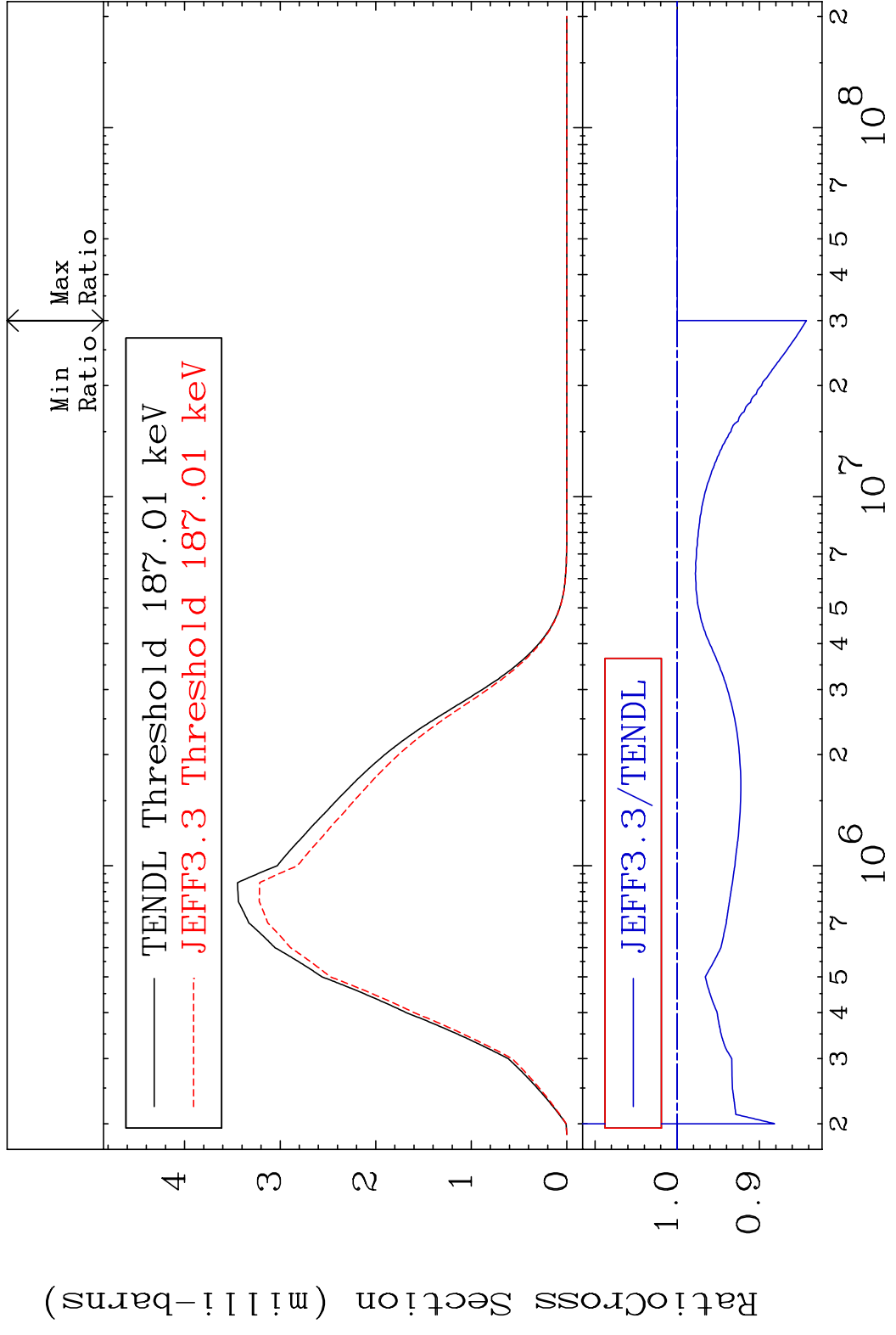




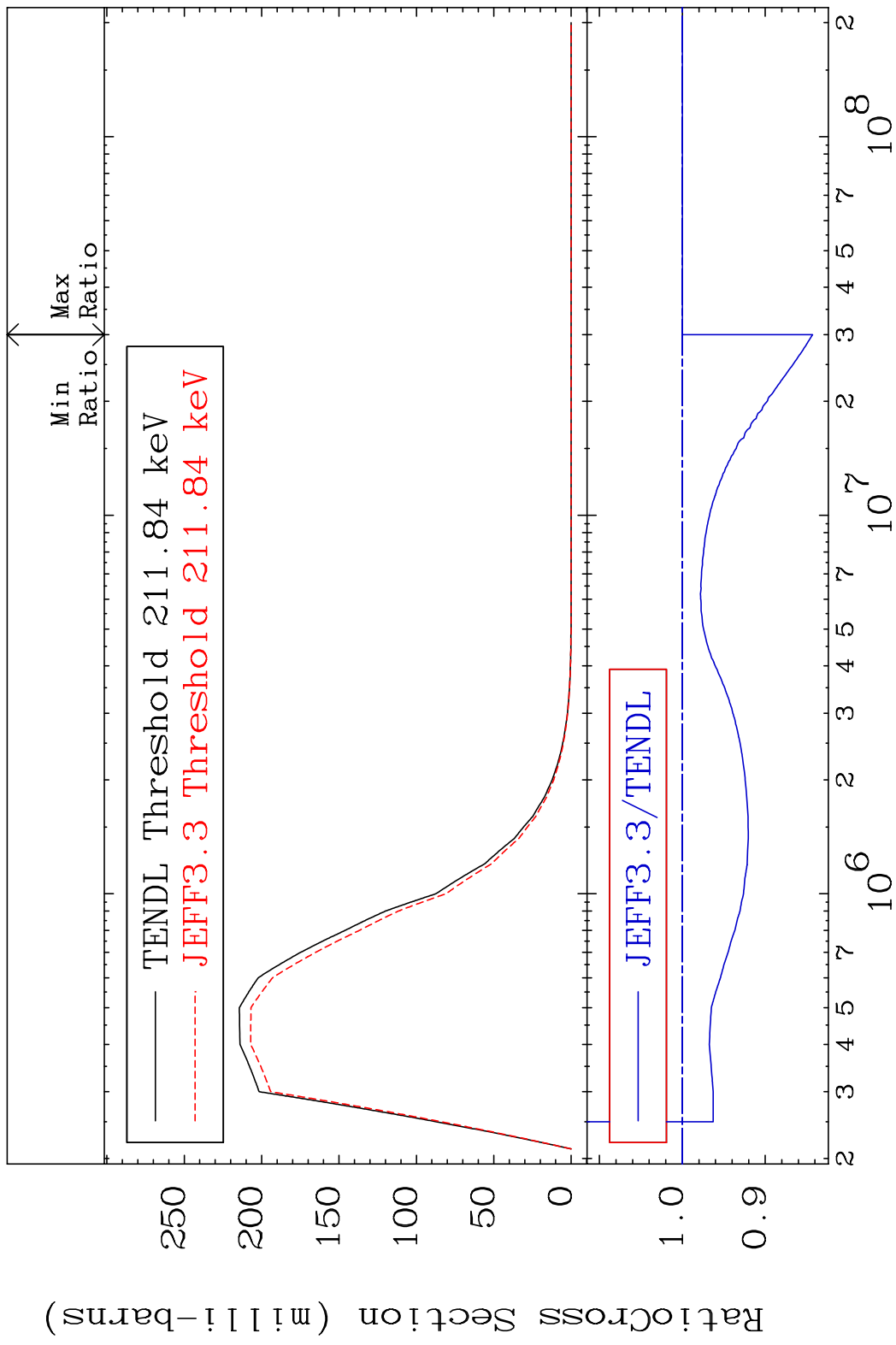
MAT 7528 MT= 55 (n,n') Level 75-Re-186  
 Cross Section -15.72 To 0.000 %



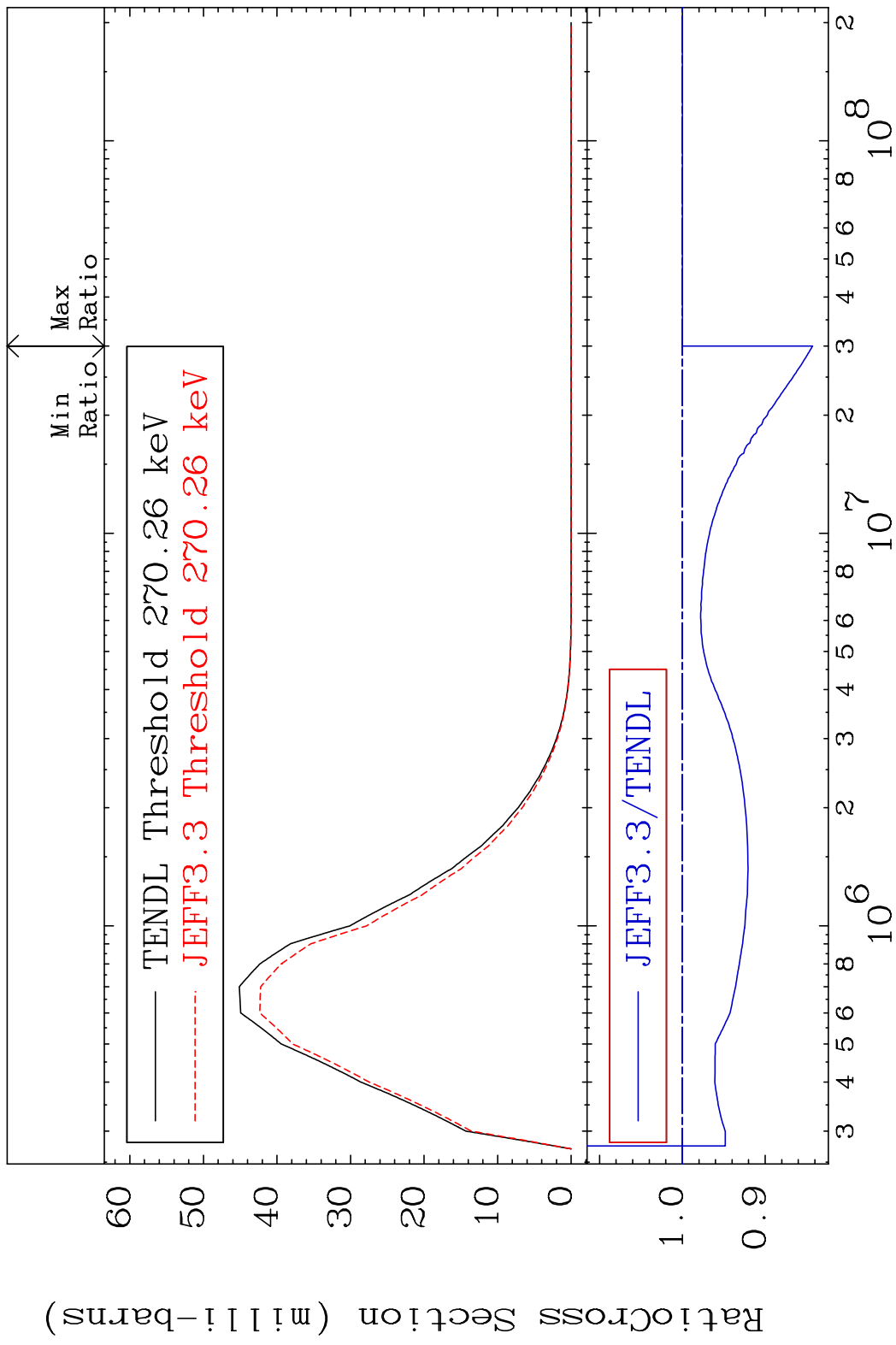
MAT 7528 MT= 56 (n,n') Level 75-Re-186  
 Cross Section -15.72 To 0.000 %



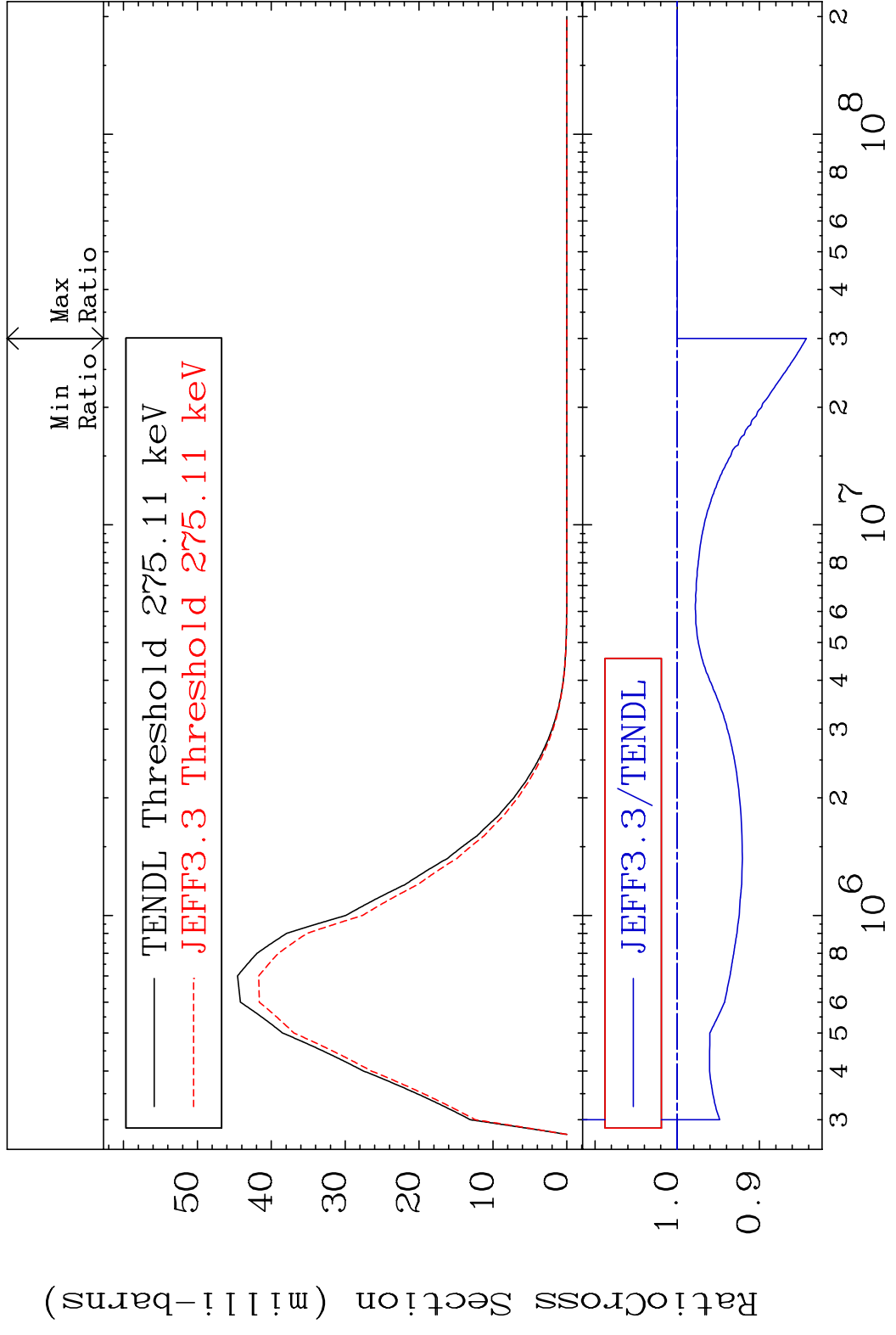
MAT 7528 MT= 57 (n,n') Level 75-Re-186  
 Cross Section -15.71 To 0.000 %



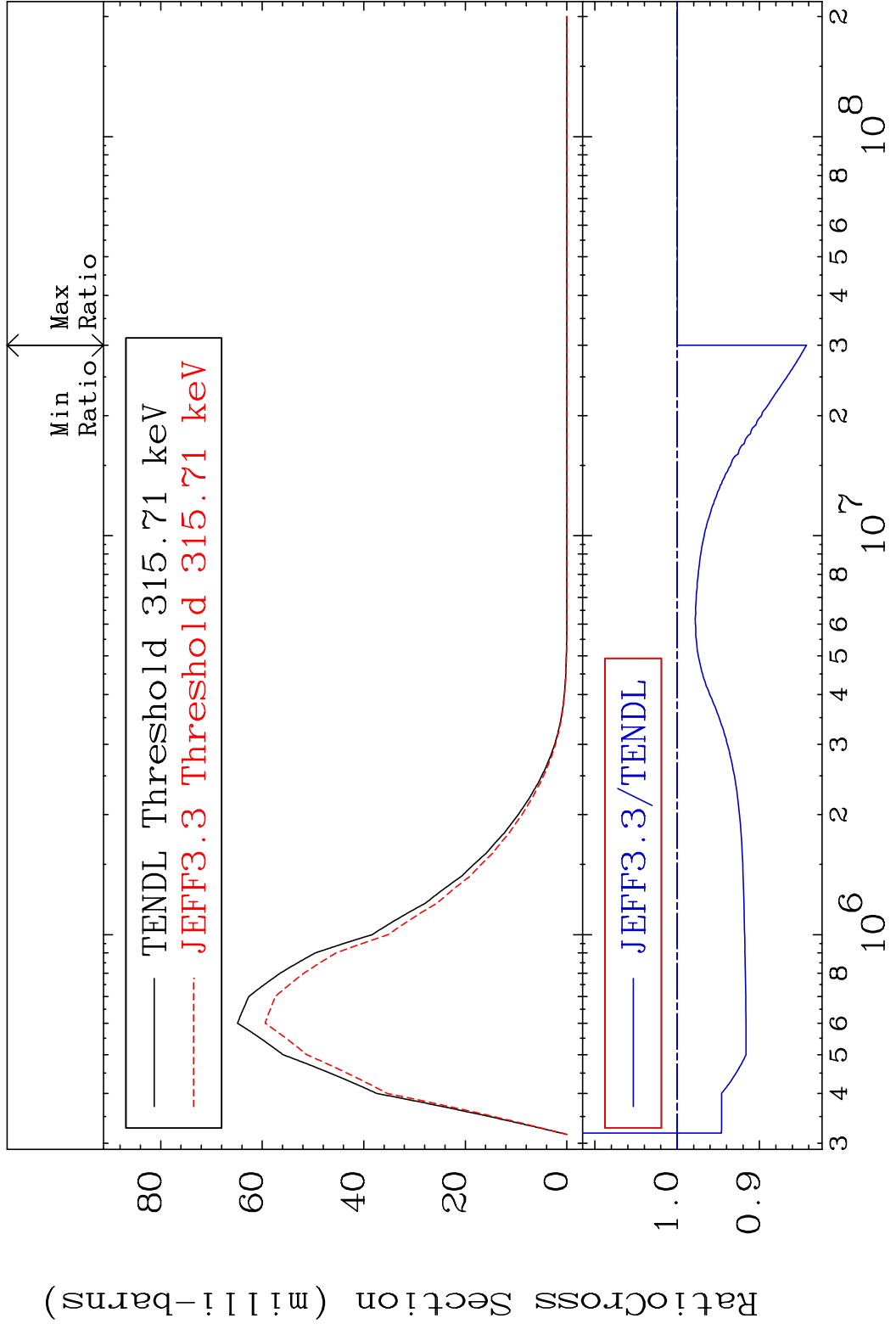
MAT 7528 MT= 58 (n,n') Level 75-Re-186  
 Cross Section -15.72 To 0.000 %



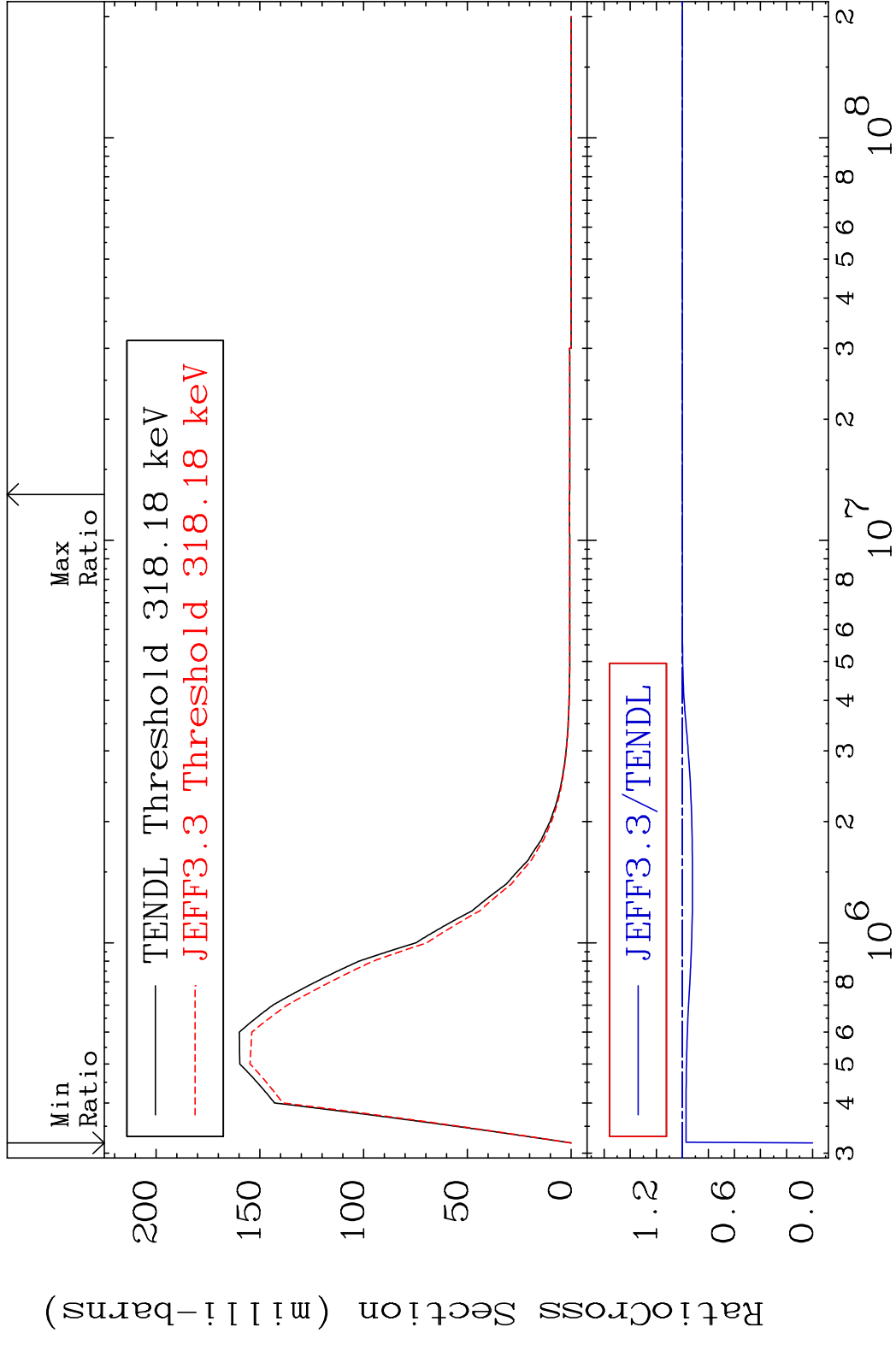
MAT 7528 MT= 59 (n,n') Level 75-Re-186  
 Cross Section -15.72 To 0.000 %



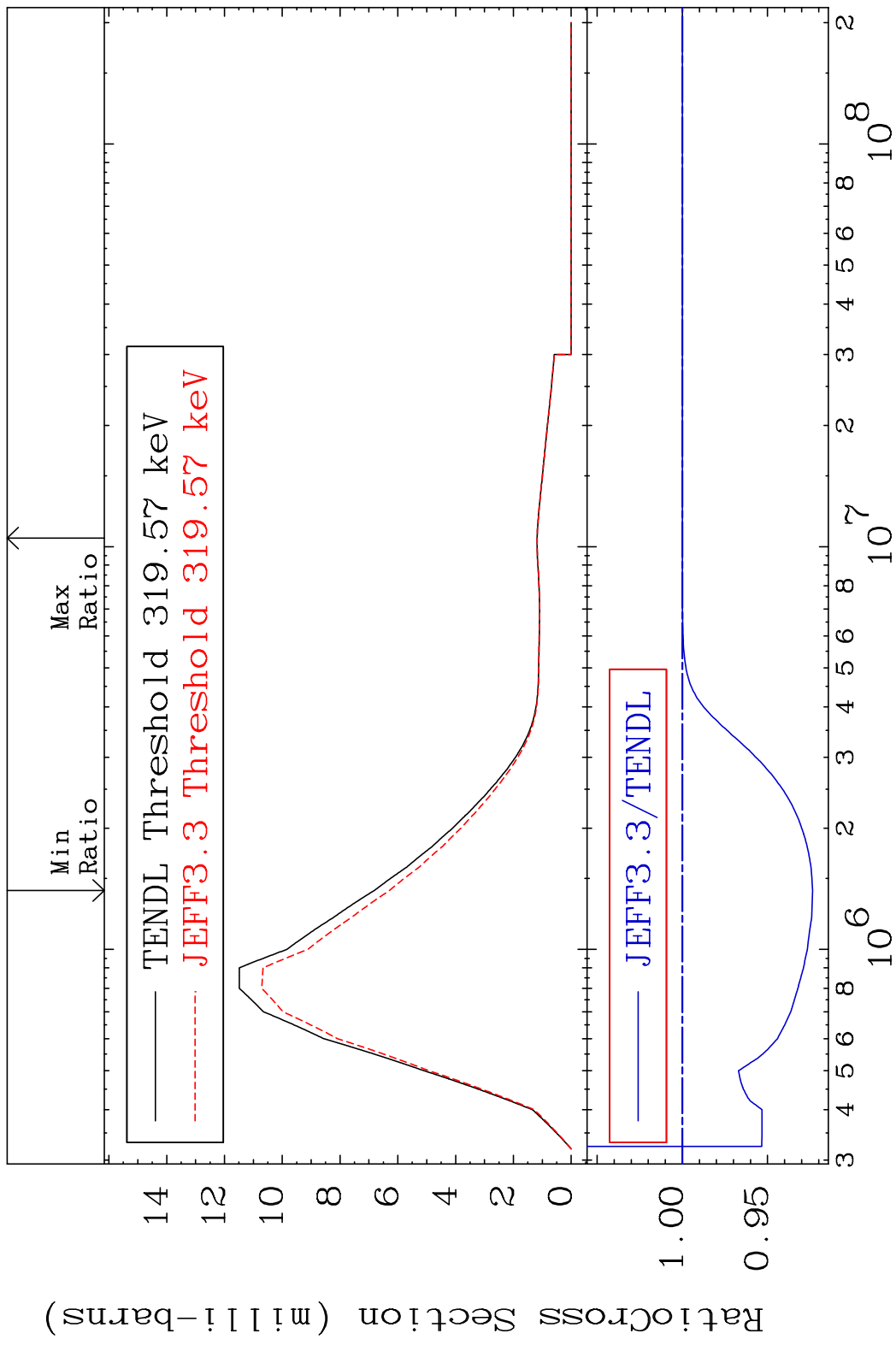
MAT 7528 MT= 60 (n,n') Level 75-Re-186  
 Cross Section -15.71 To 0.000 %



MAT 7528 MT= 61 (n, n') Level 75-Re-186  
 Cross Section -100.0 To 0.000 %

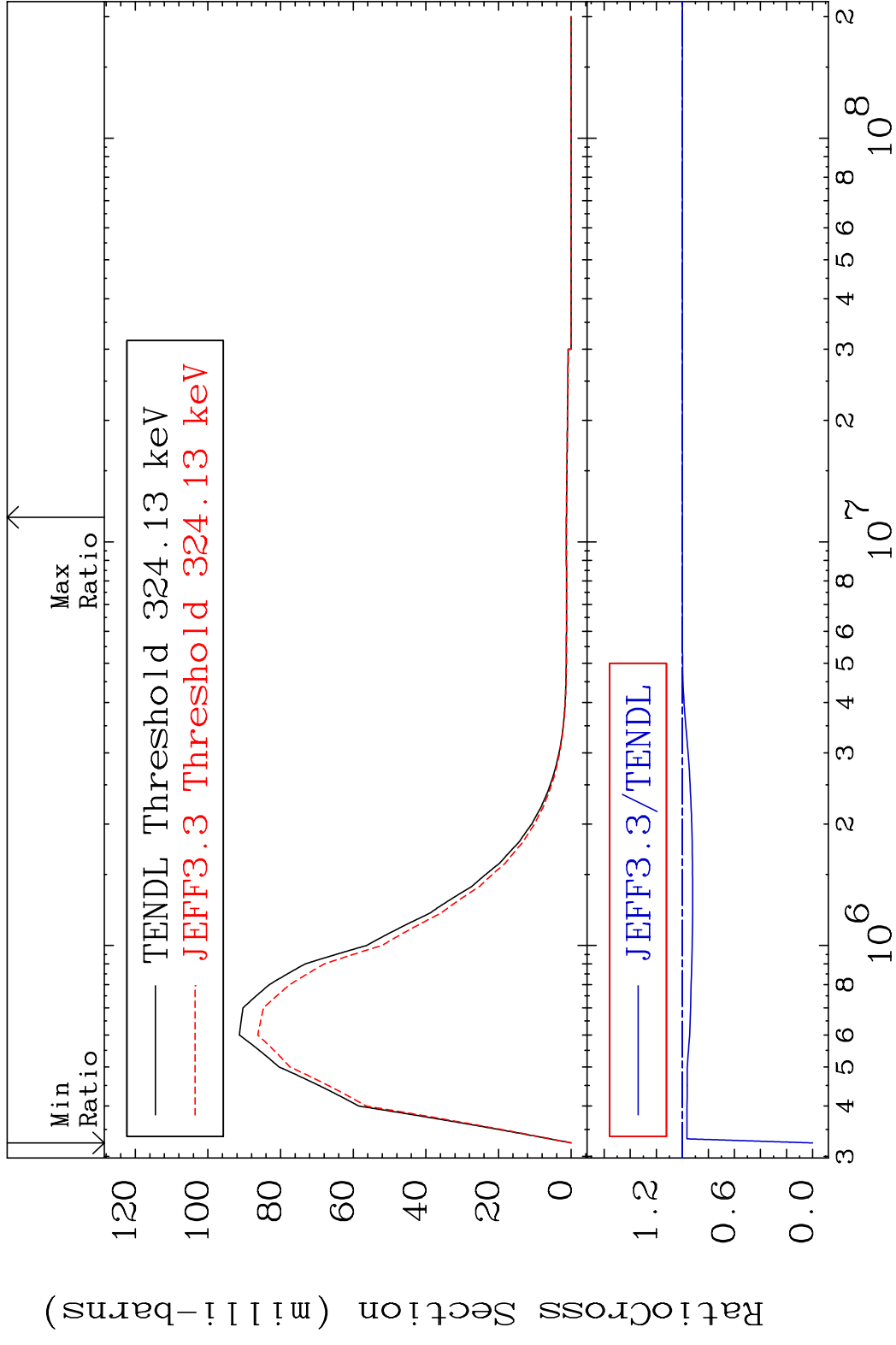


MAT 7528 MT= 62 (n, n') Level 75-Re-186  
 Cross Section -7.641 To 0.000 %

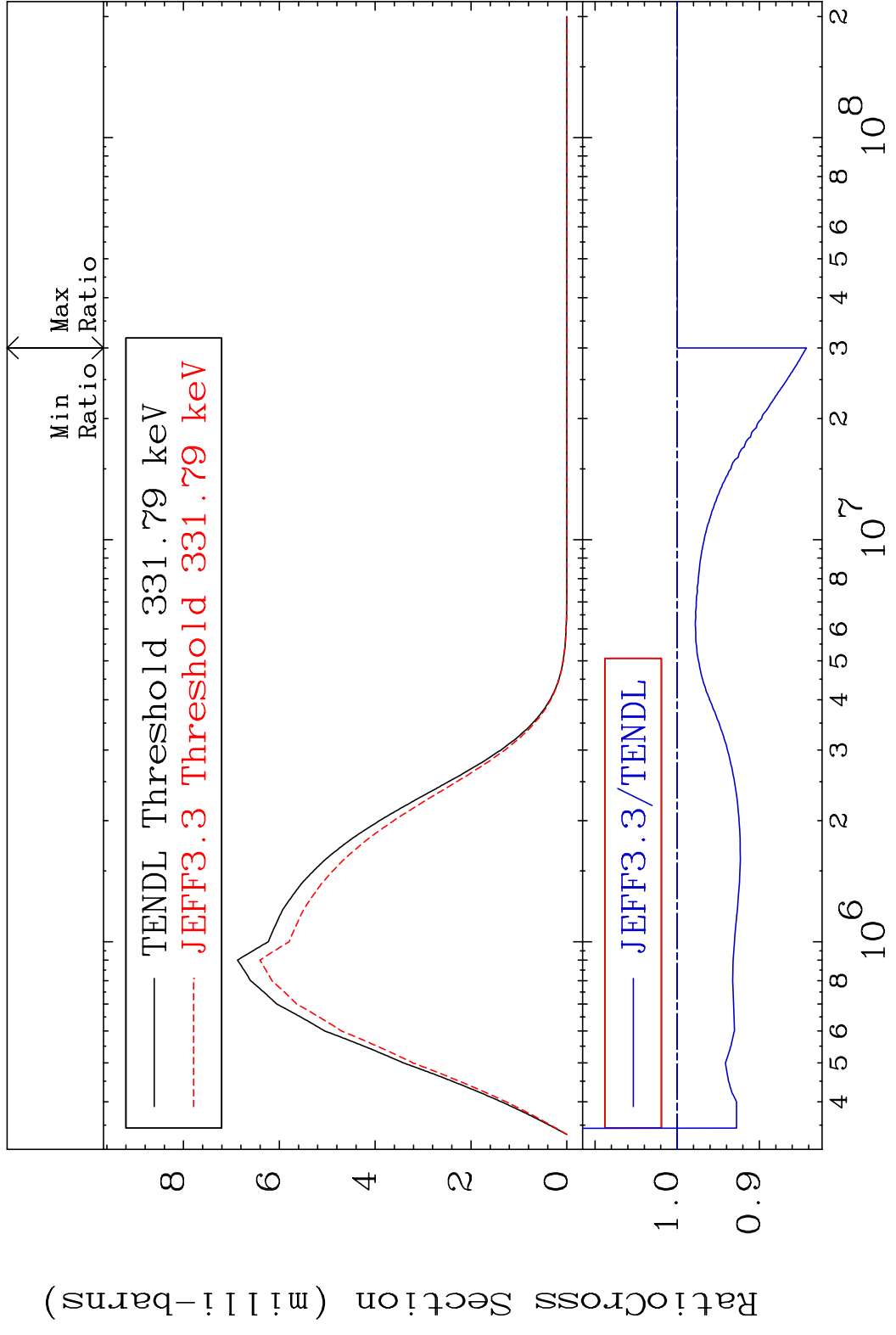




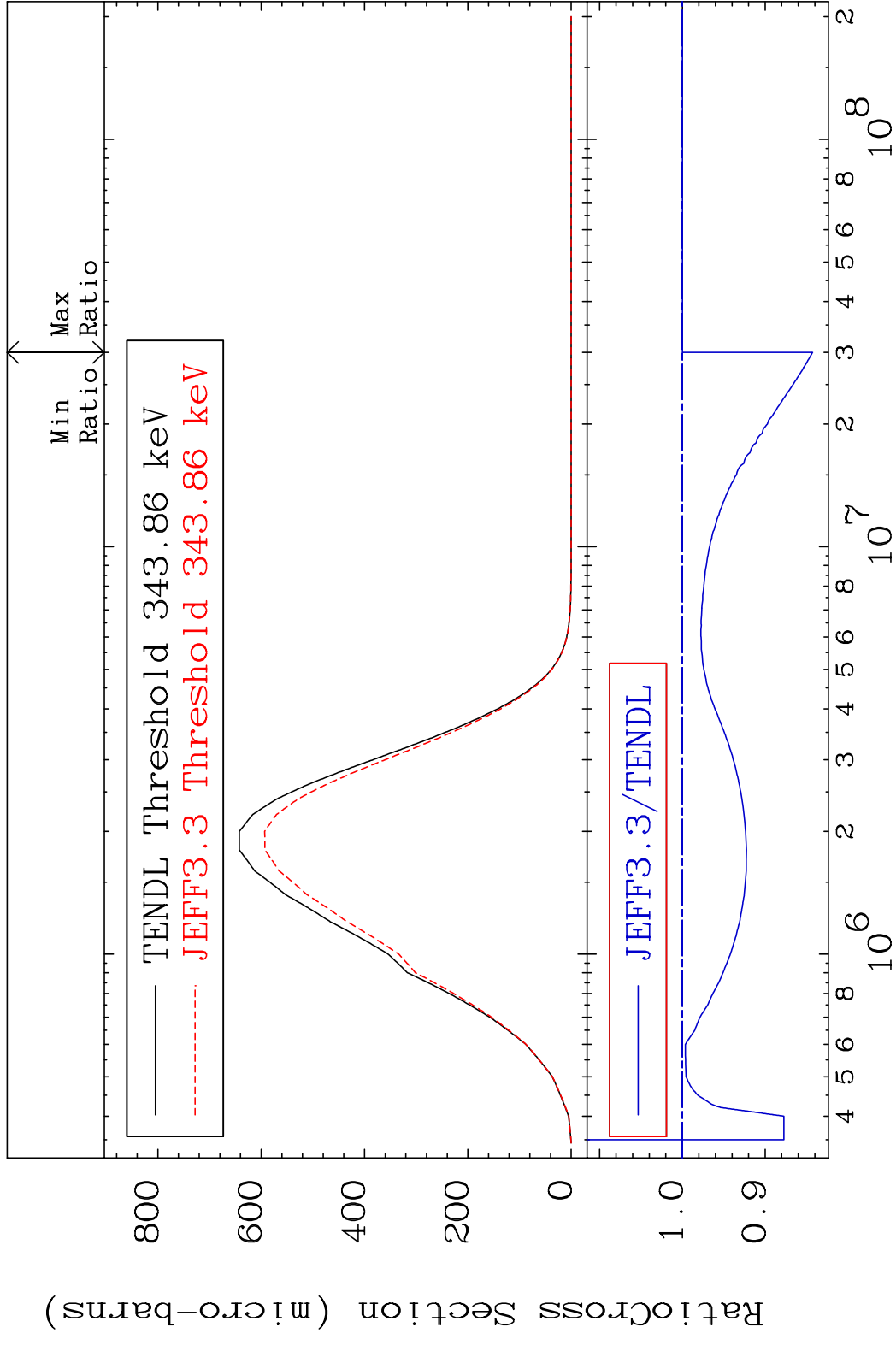
MAT 7528 MT= 63 (n, n') Level 75-Re-186  
 Cross Section -100.0 To 0.000 %



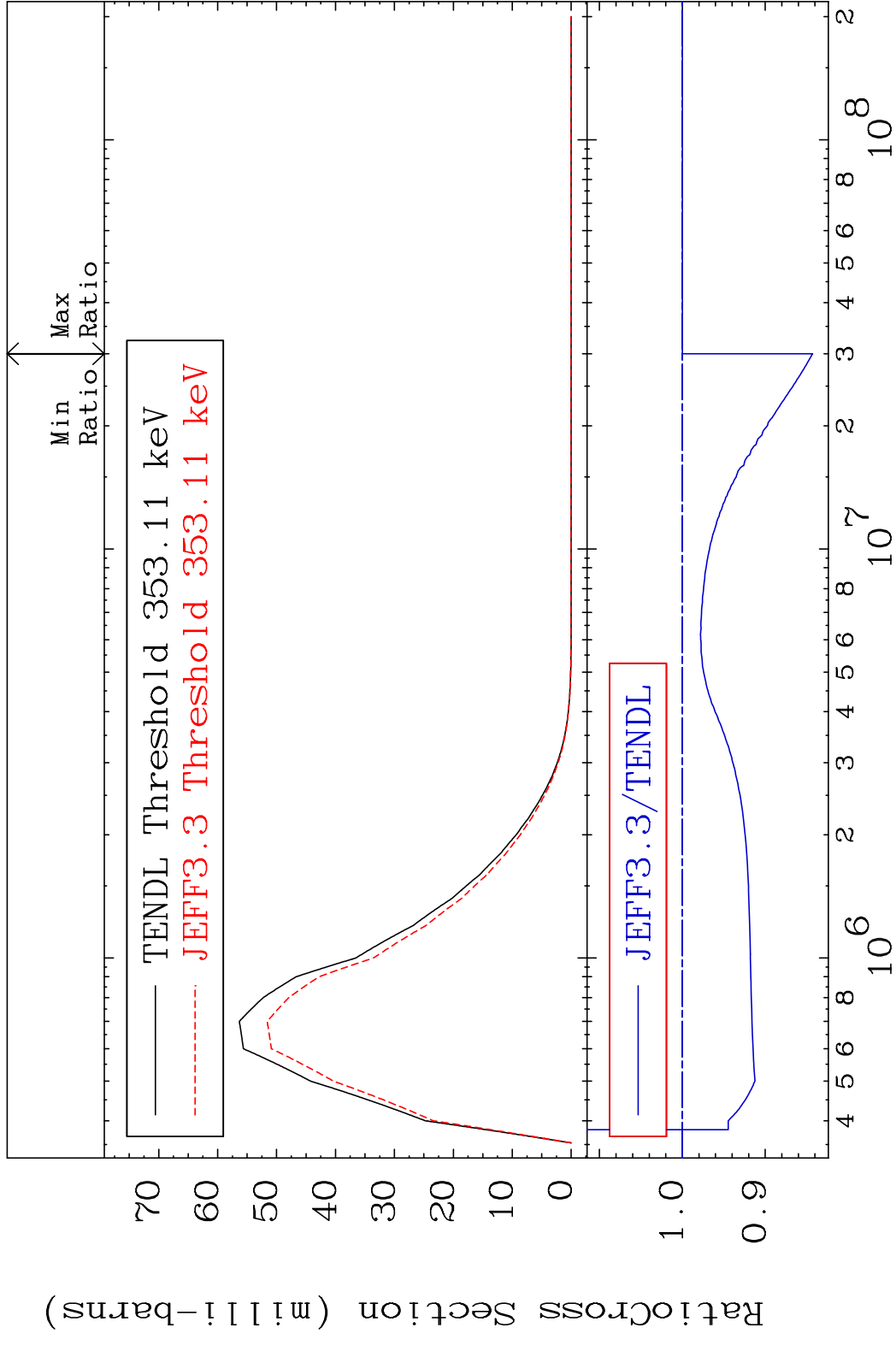
MAT 7528 MT= 64 (n, n') Level 75-Re-186  
 Cross Section -15.72 To 0.000 %



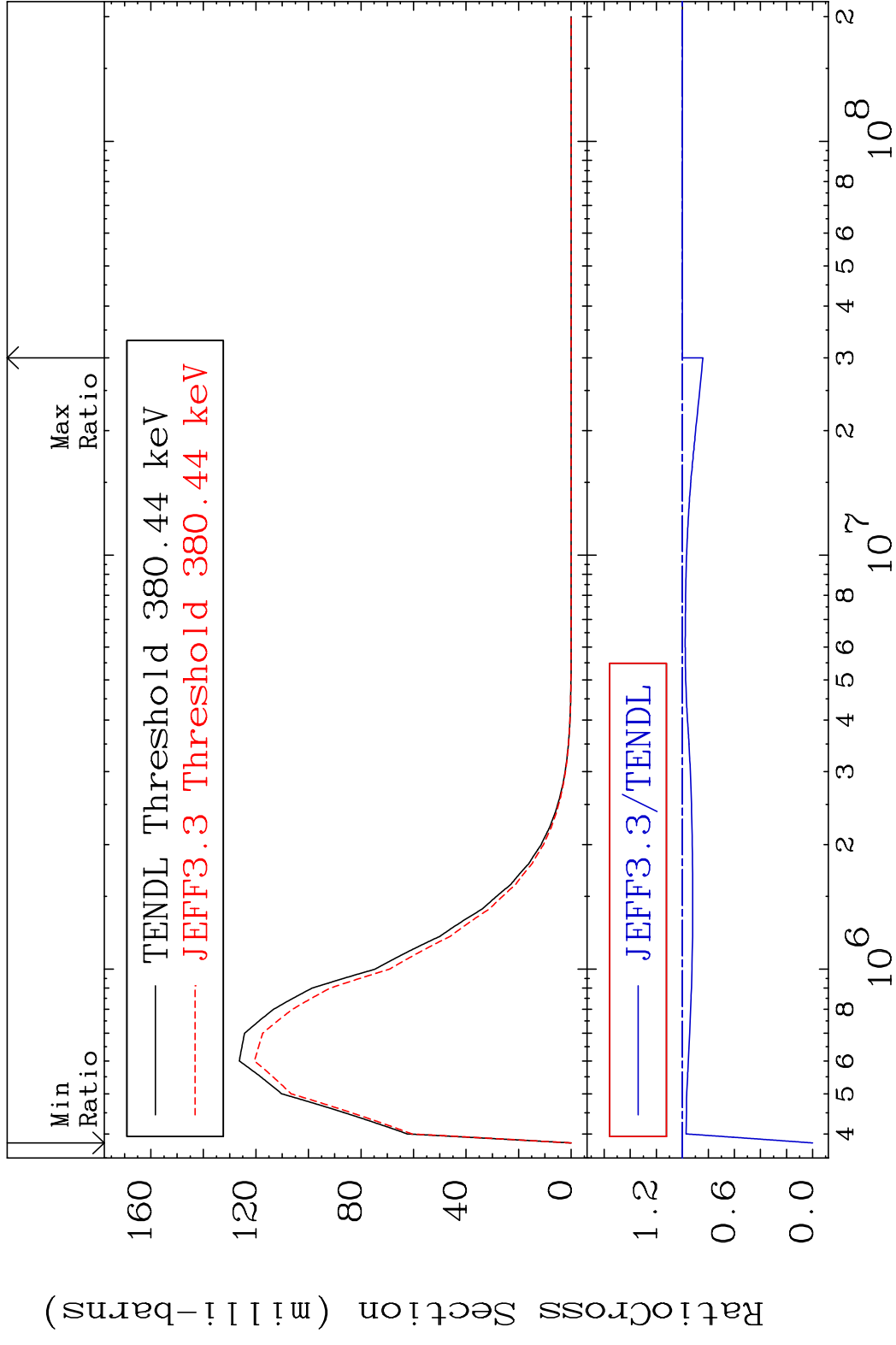
MAT 7528 MT= 65 (n, n') Level 75-Re-186  
 Cross Section -15.73 To 0.000 %



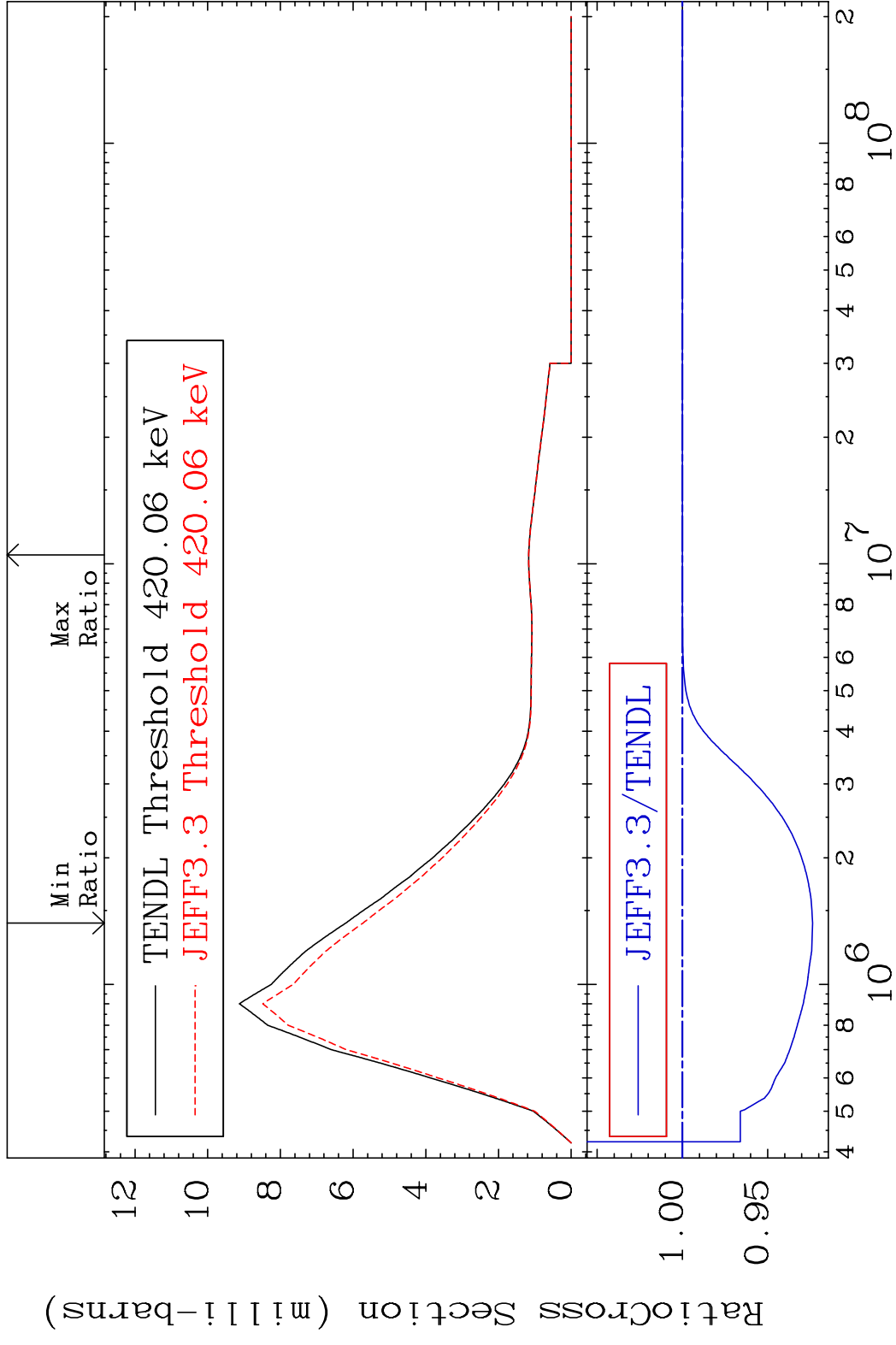
MAT 7528 MT= 66 (n,n') Level 75-Re-186  
 Cross Section -15.71 To 0.000 %



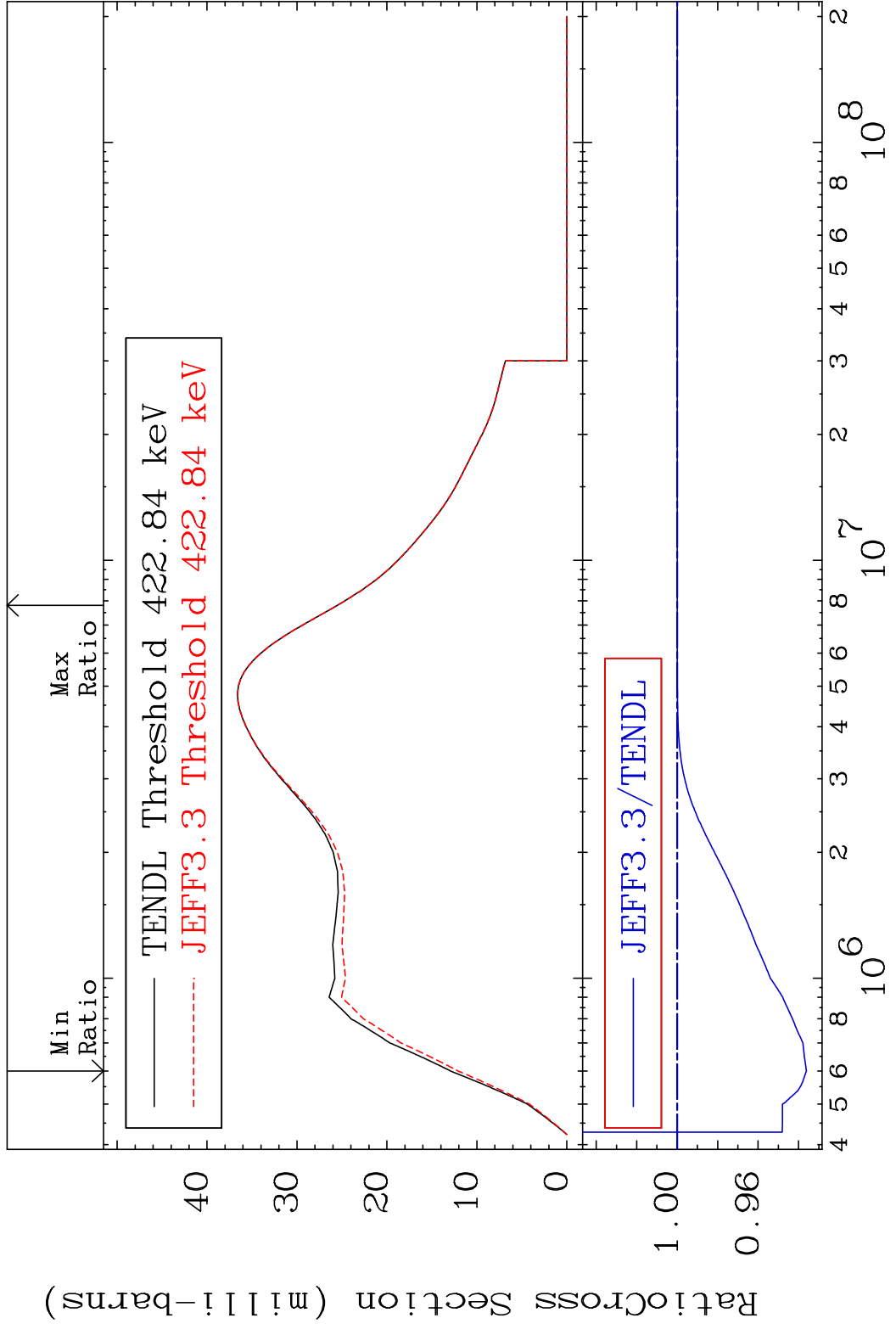
MAT 7528 MT= 67 (n, n') Level 75-Re-186  
 Cross Section -100.0 To 0.000 %



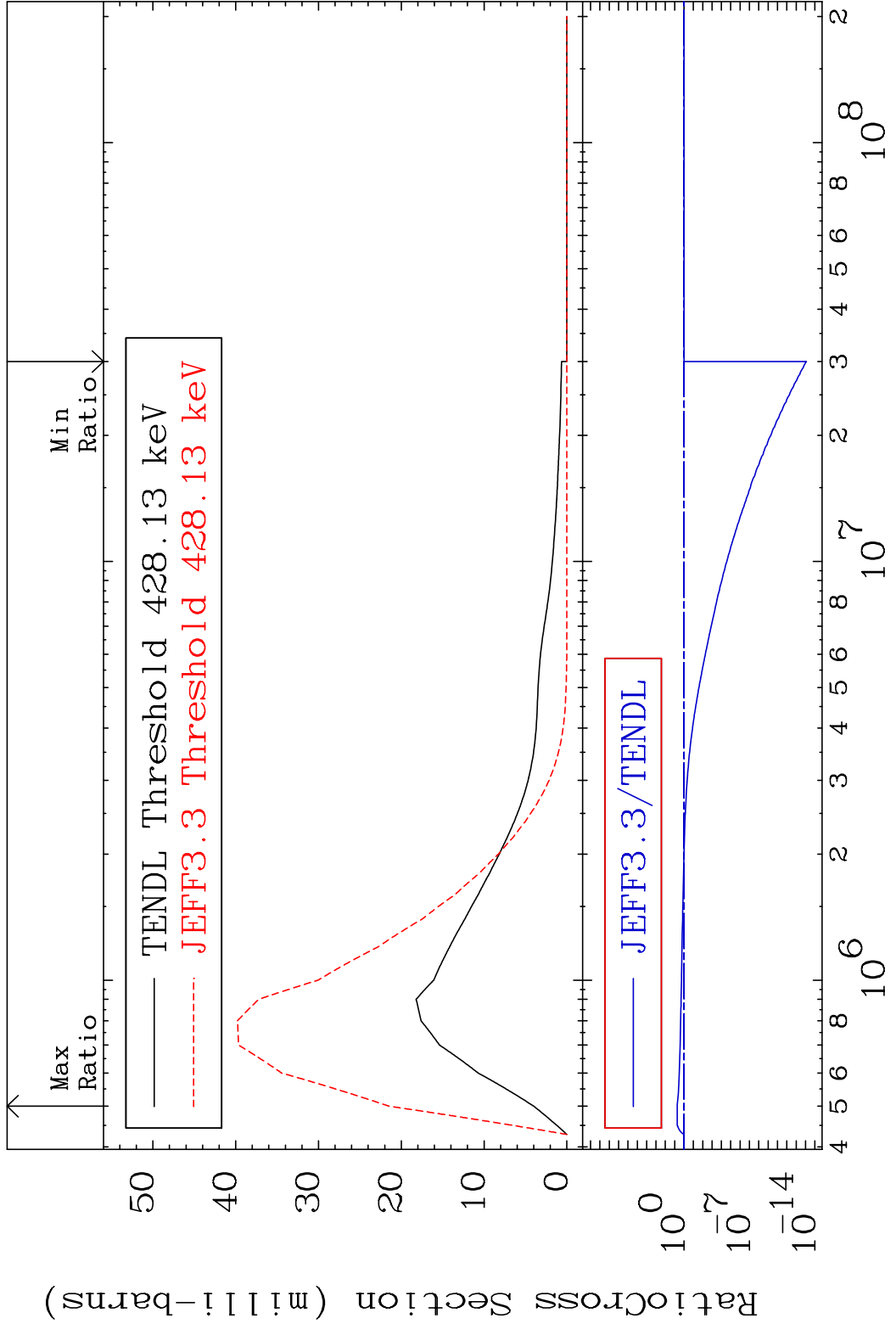
MAT 7528 MT= 68 (n, n') Level 75-Re-186  
 Cross Section -7.634 To 0.000 %



MAT 7528 MT= 69 (n, n') Level 75-Re-186  
 Cross Section -6.386 To 0.000 %

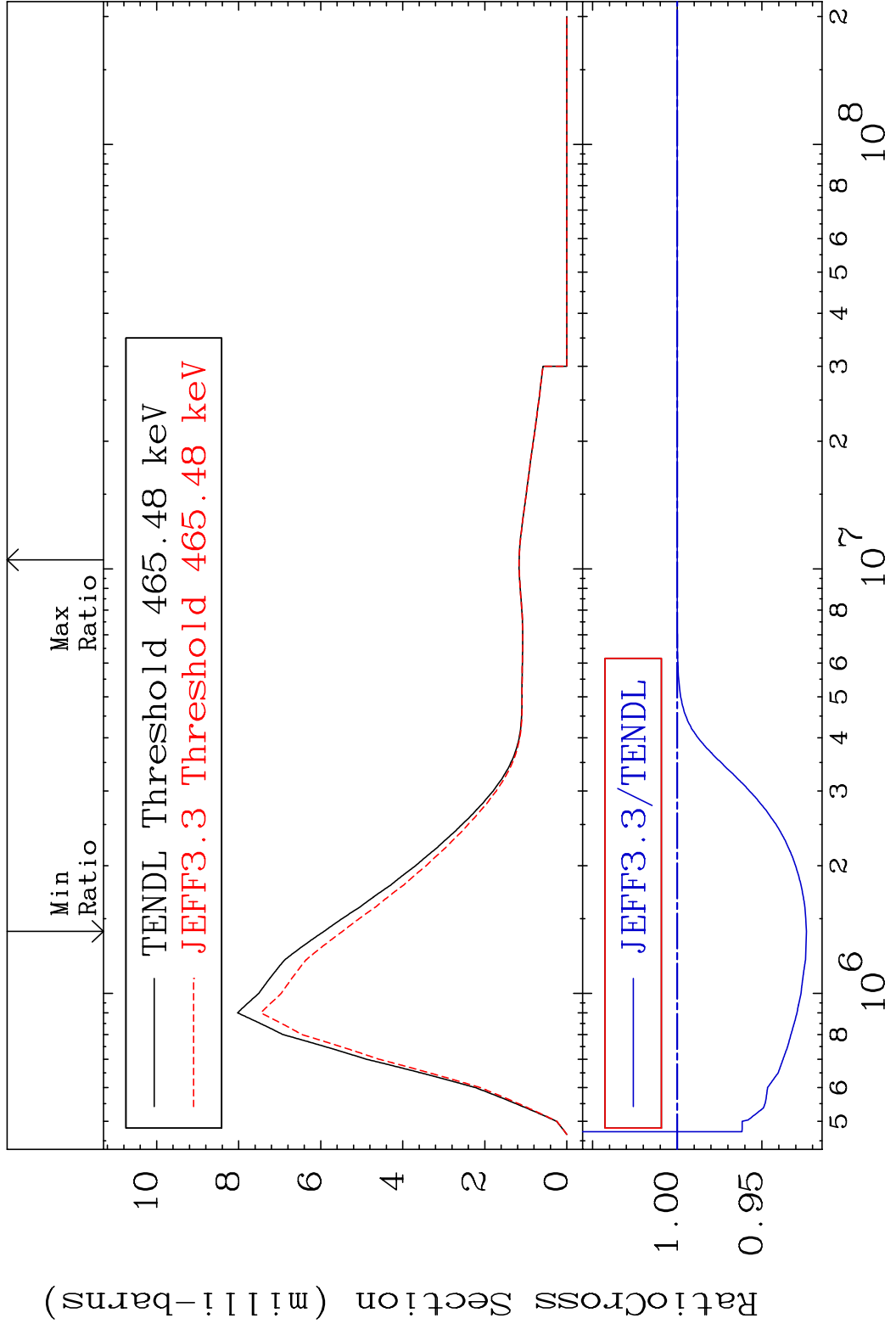


MAT 7528 MT= 70 (n, n') Level 75-Re-186  
 Cross Section -100.0 To 437.0 %



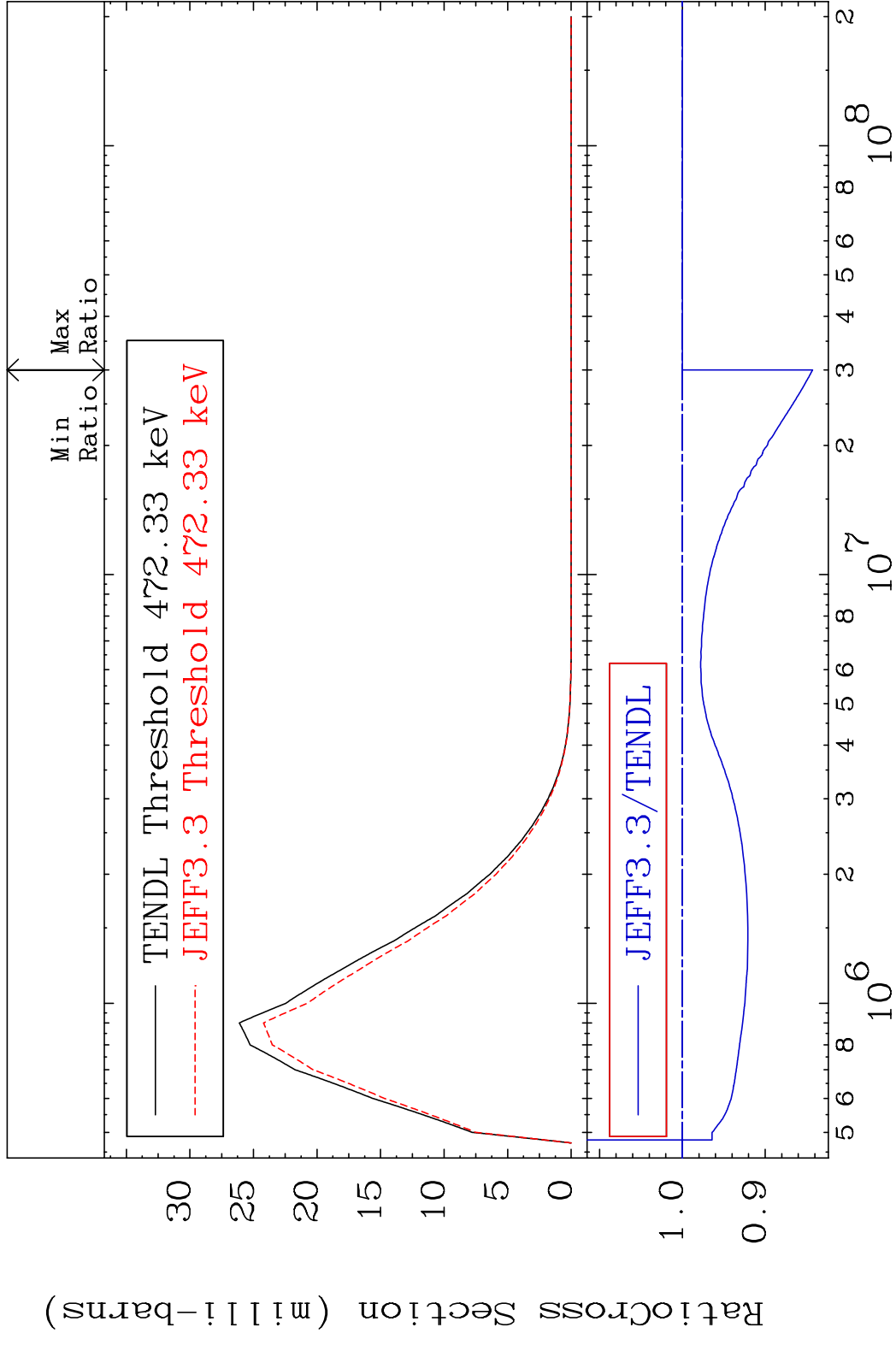


MAT 7528 MT= 71 (n, n') Level 75-Re-186  
 Cross Section -7.631 To 0.000 %

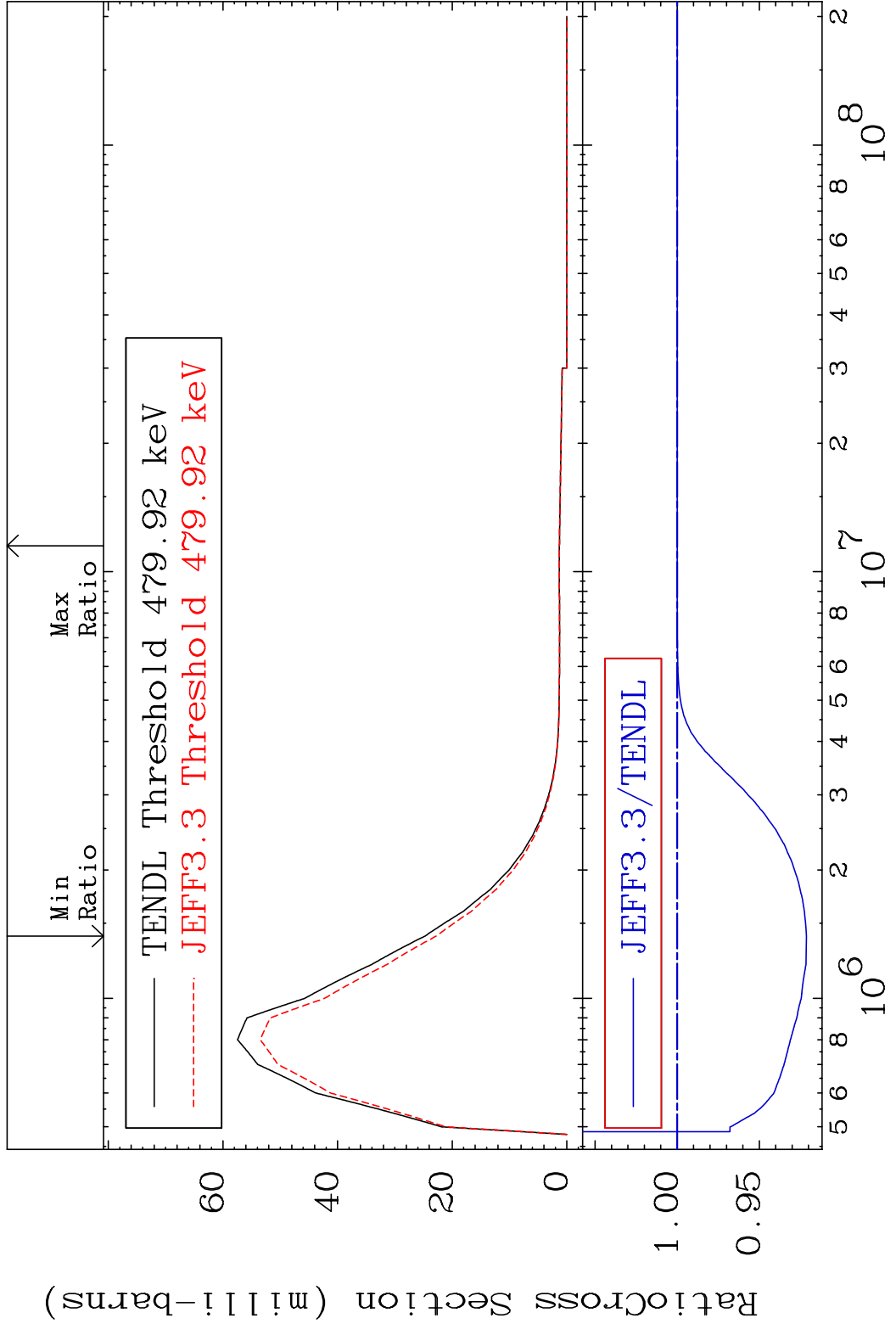


40 Incident Energy (eV) 75-Re-186

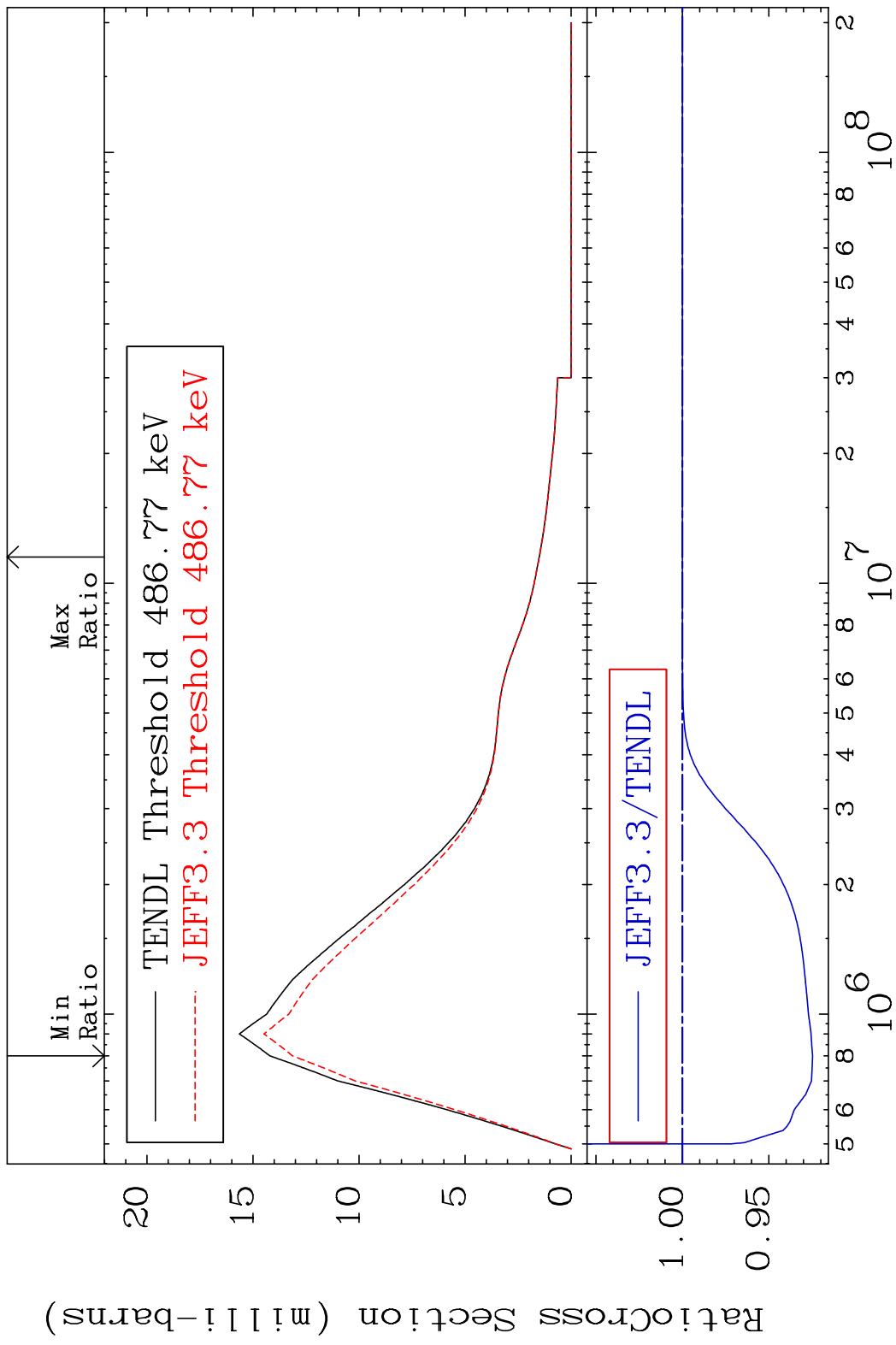
MAT 7528 MT= 72 (n, n') Level 75-Re-186  
 Cross Section -15.72 To 0.000 %



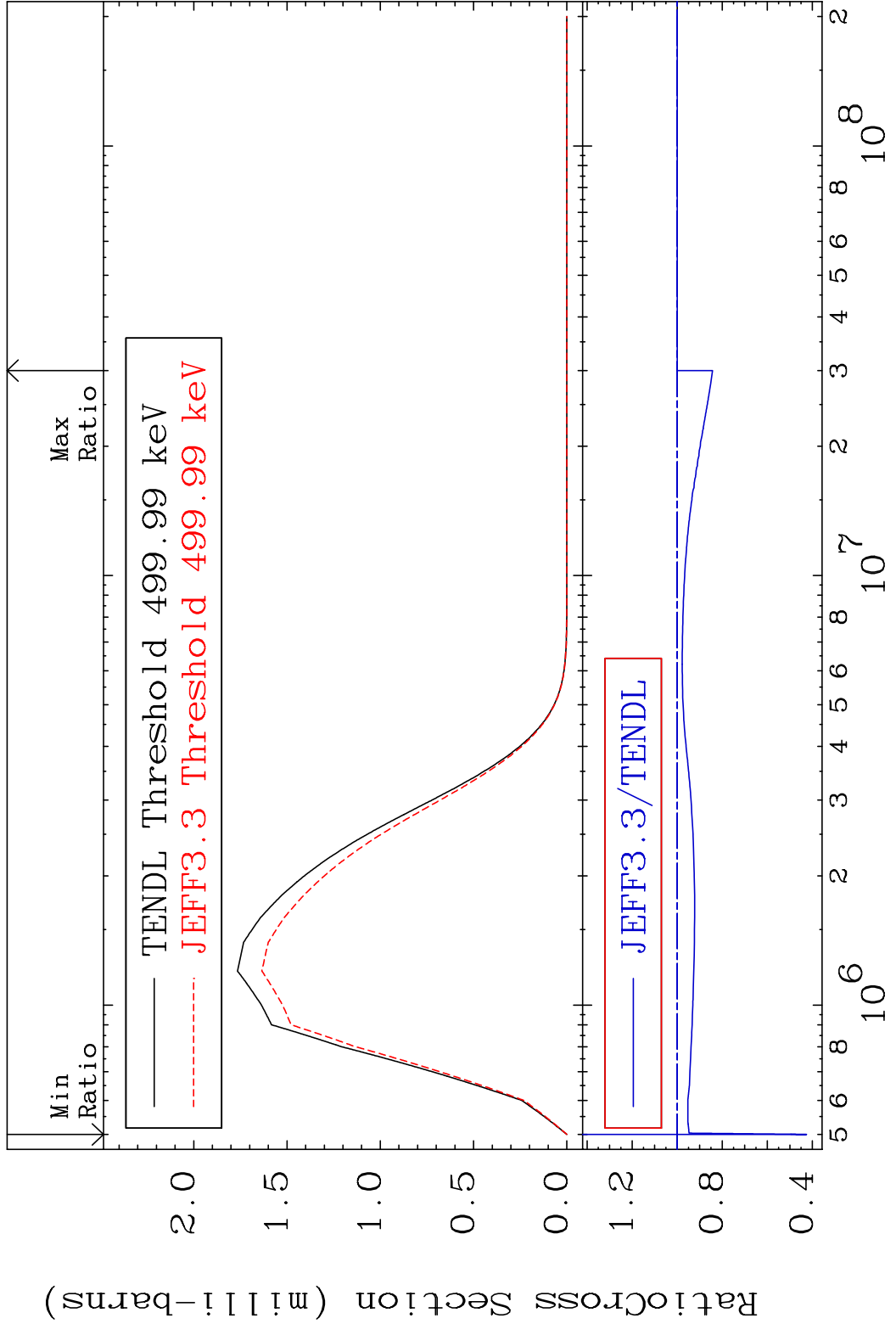
MAT 7528 MT= 73 (n, n') Level 75-Re-186  
 Cross Section -7.868 To 0.000 %



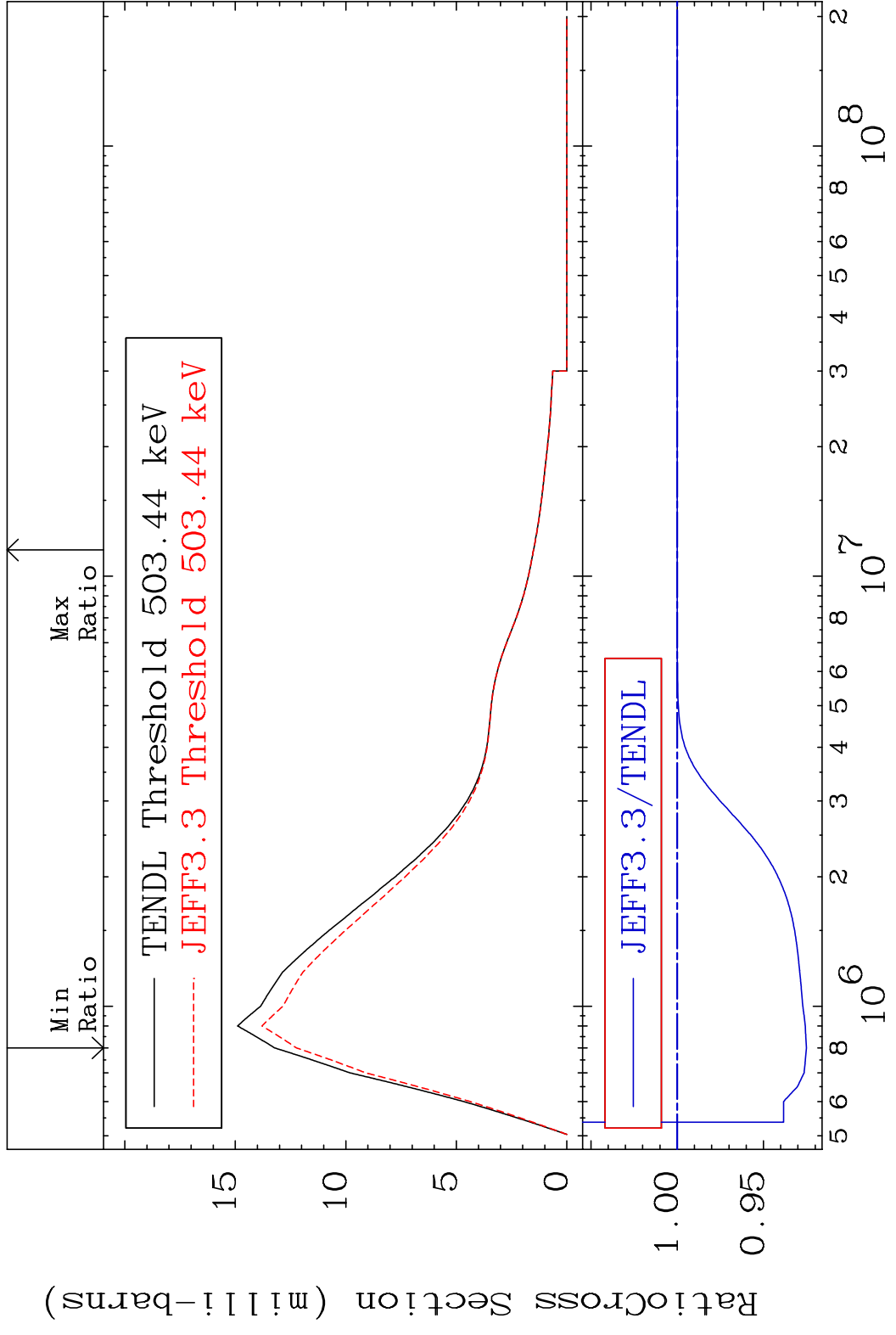
MAT 7528 MT= 74 (n, n') Level 75-Re-186  
 Cross Section -7.527 To 0.000 %



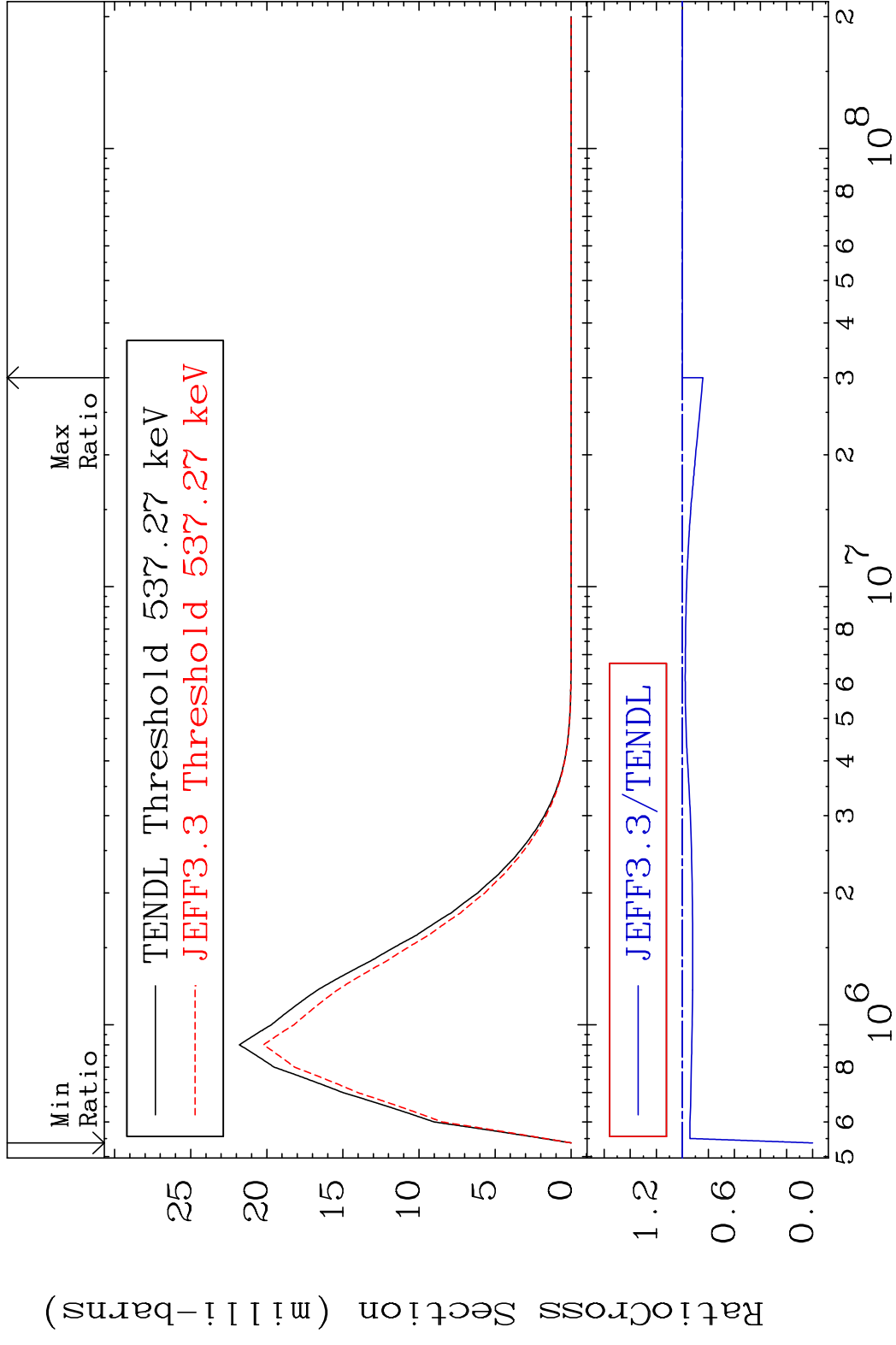
MAT 7528 MT= 75 (n, n') Level 75-Re-186  
 Cross Section -57.35 To 0.000 %



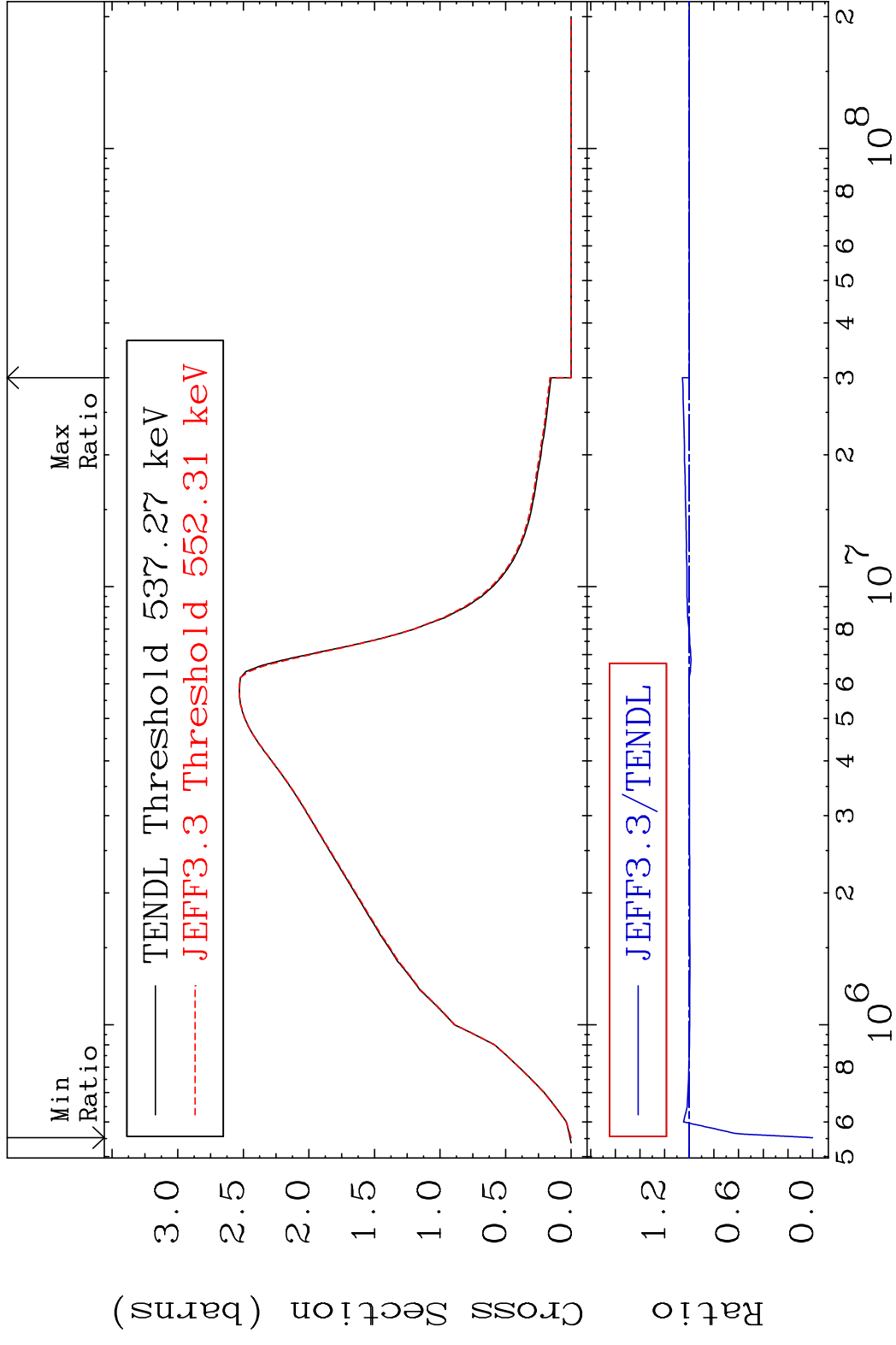
MAT 7528 MT= 76 (n, n') Level 75-Re-186  
 Cross Section -7.491 To 0.000 %



MAT 7528 MT= 77 (n, n') Level 75-Re-186  
 Cross Section -100.0 To 0.000 %



MAT 7528 (n, n') Continuum 75-Re-186  
 Cross Section -100.0 To 5.594 %



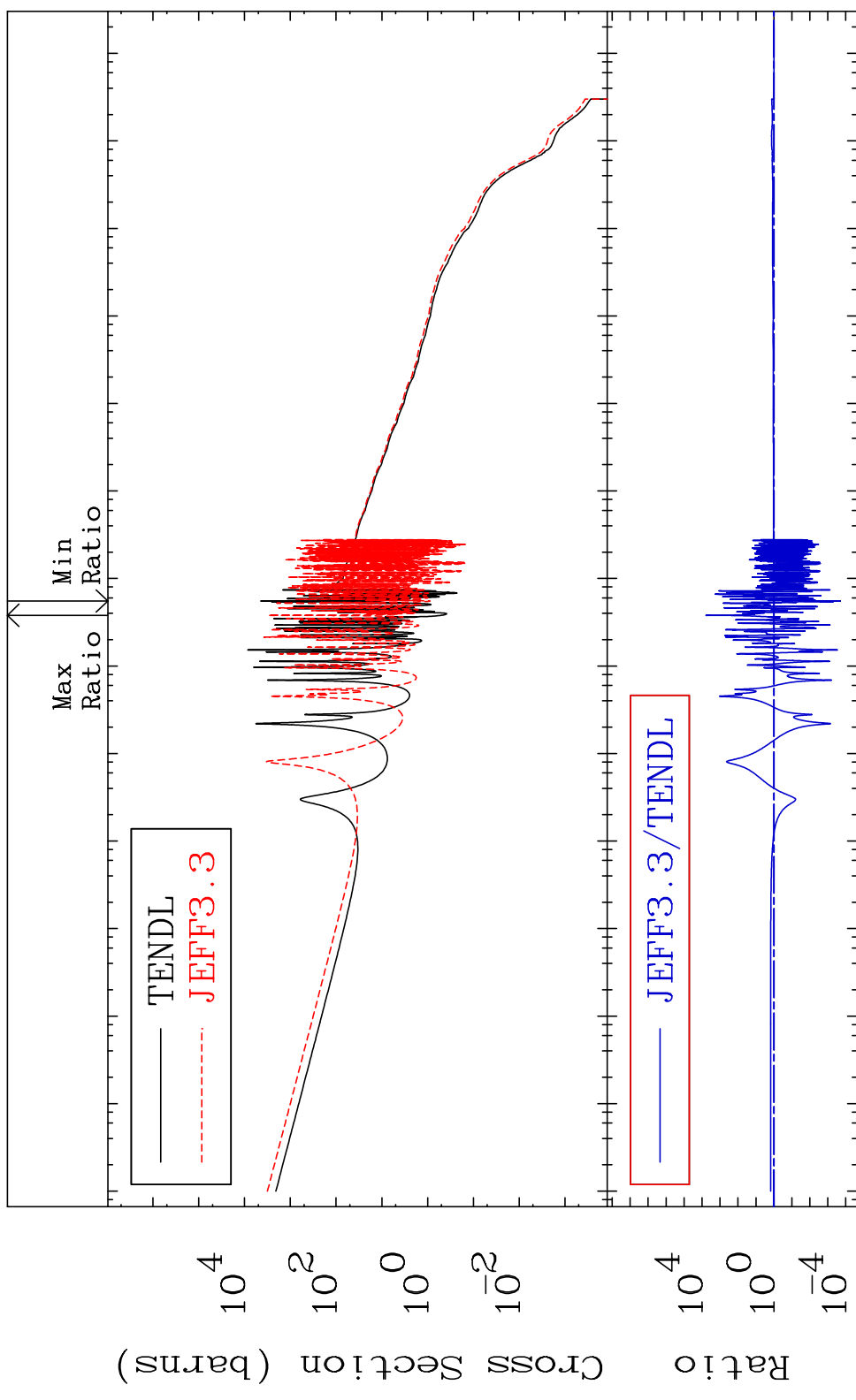


MAT 7528

75-Re-186

(n,  $\gamma$ )

Cross Section -99.98 To 9999. %

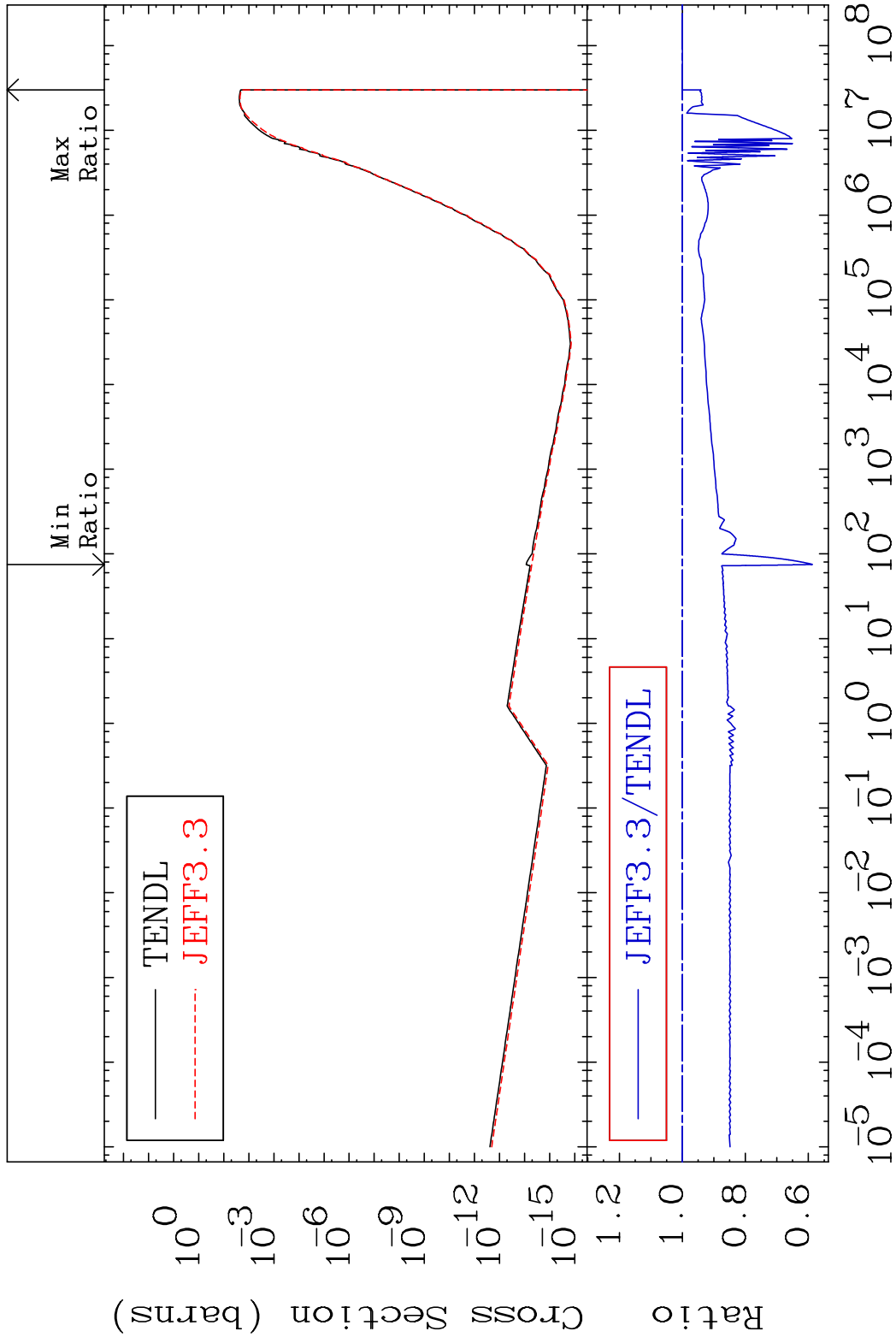


MAT 7528

(n, p)

75-Re-186

Cross Section -41.33 To 0.000 %

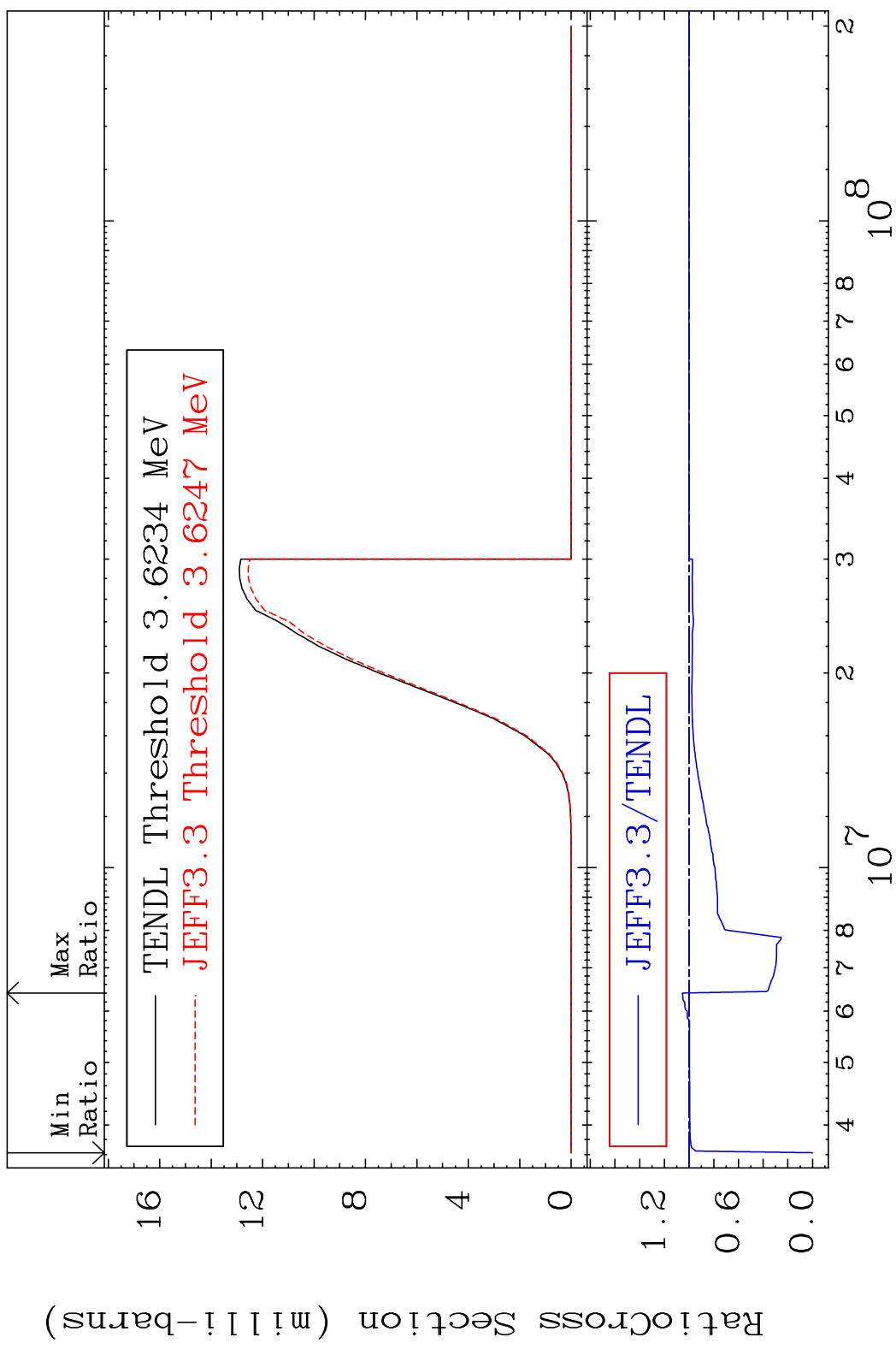


MAT 7528

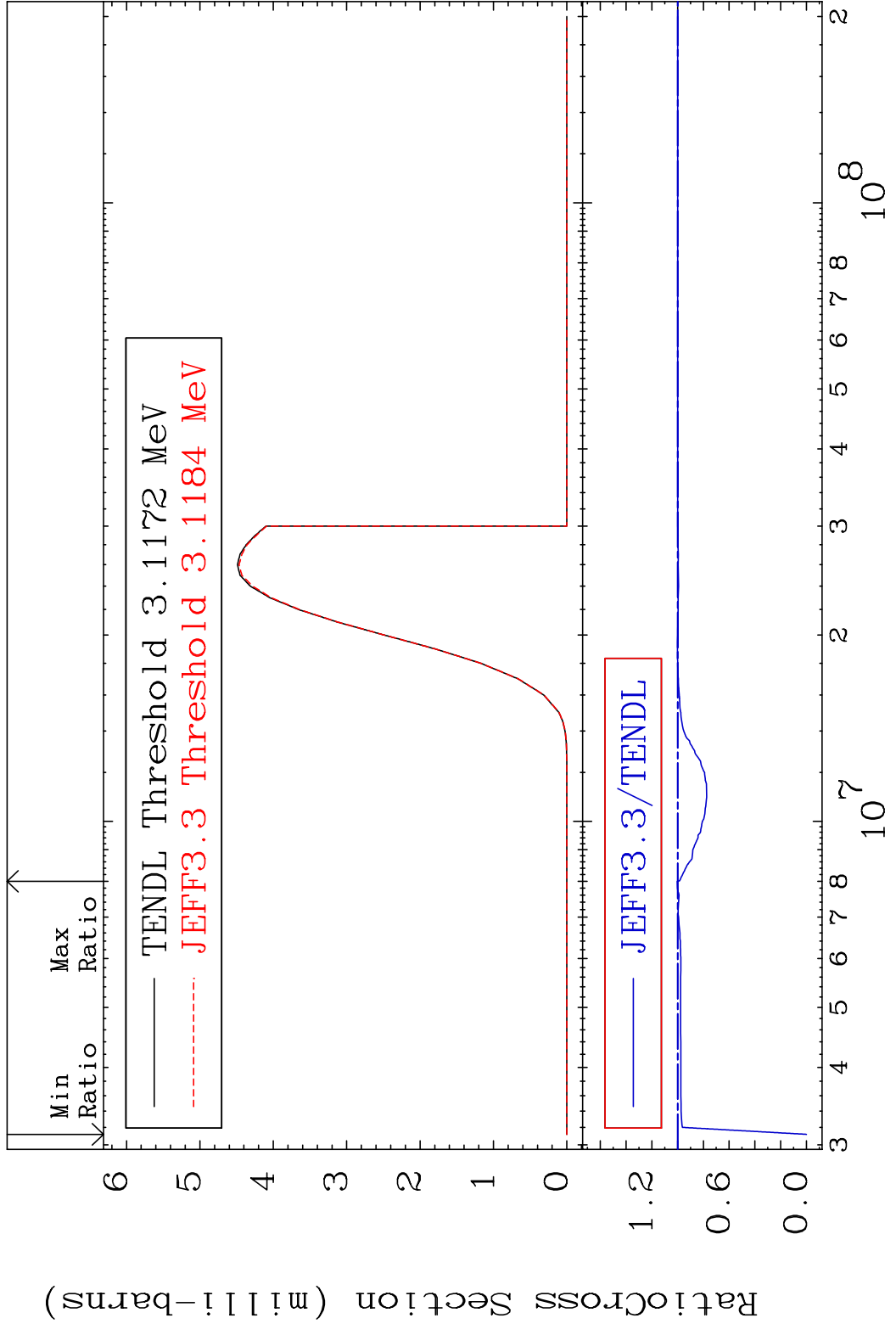
(n, d)

75-Re-186

Cross Section -100.0 To 5.434 %



MAT 7528 (n, t) 75-Re-186  
 Cross Section -100.0 To 0.333 %

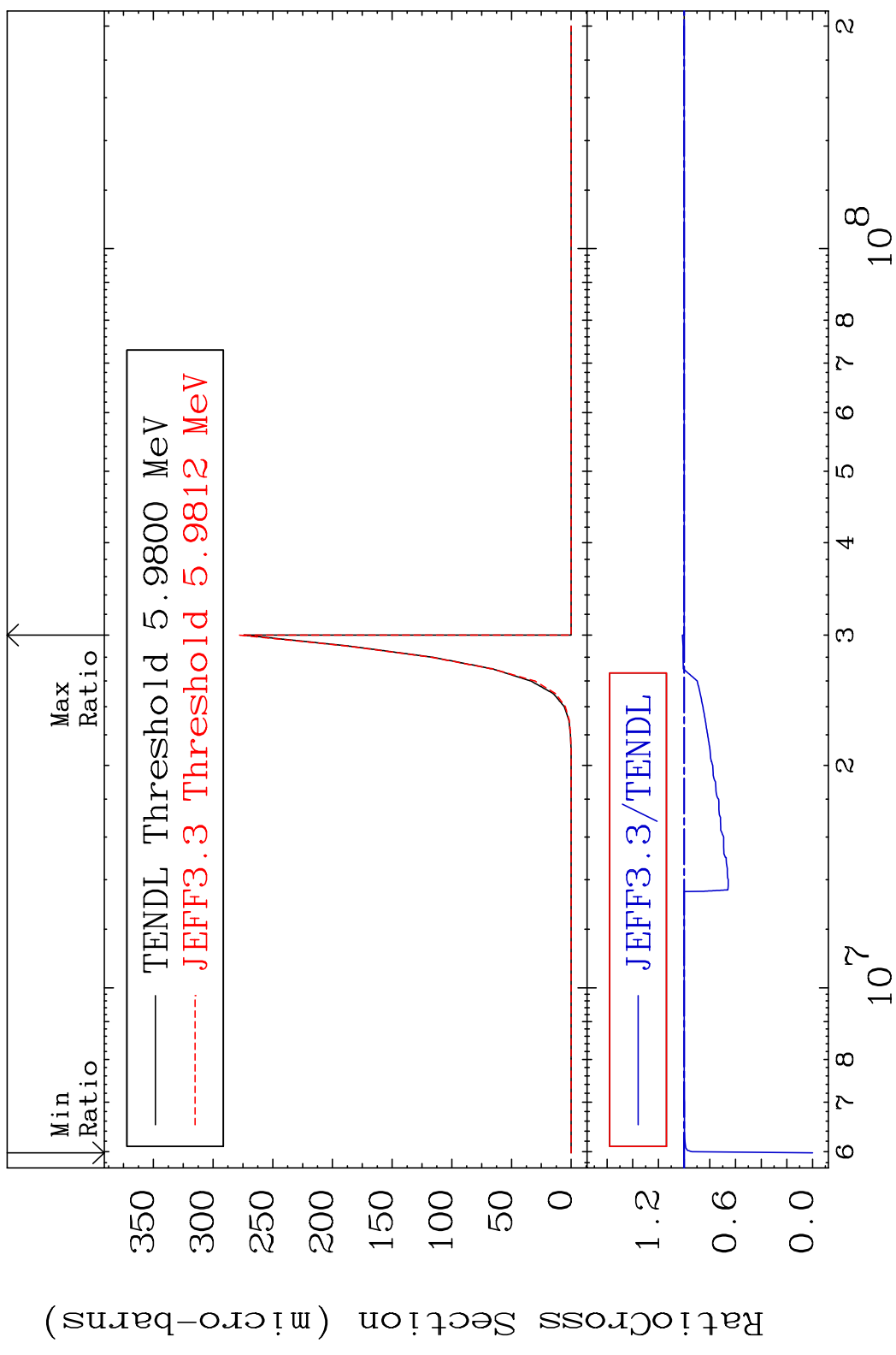


MAT 7528

(n, He-3)

75-Re-186

Cross Section -100.0 To 1.395 %

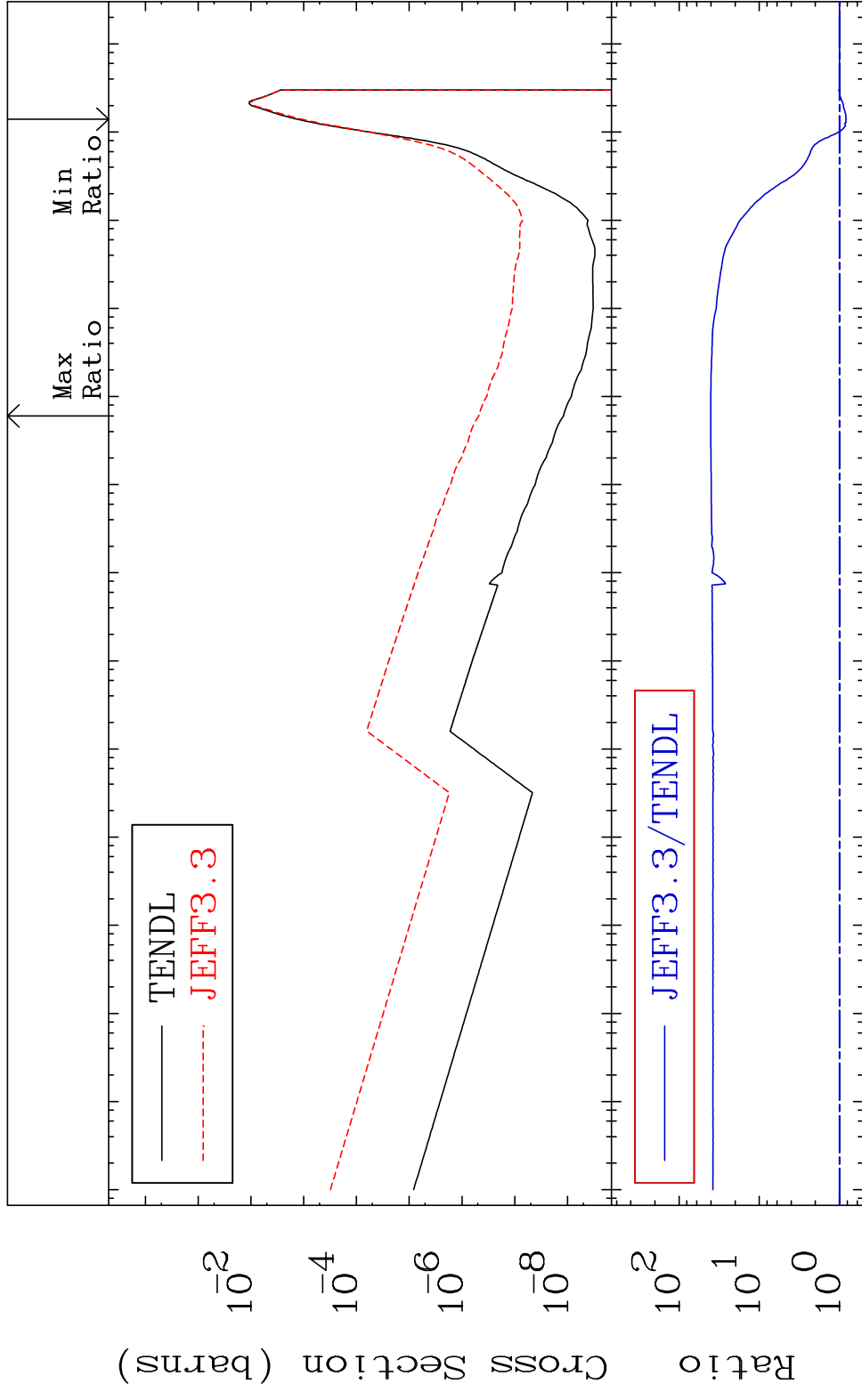


MAT 7528

75-Re-186

(n,  $\alpha$ )

Cross Section -17.93 To 3928. %

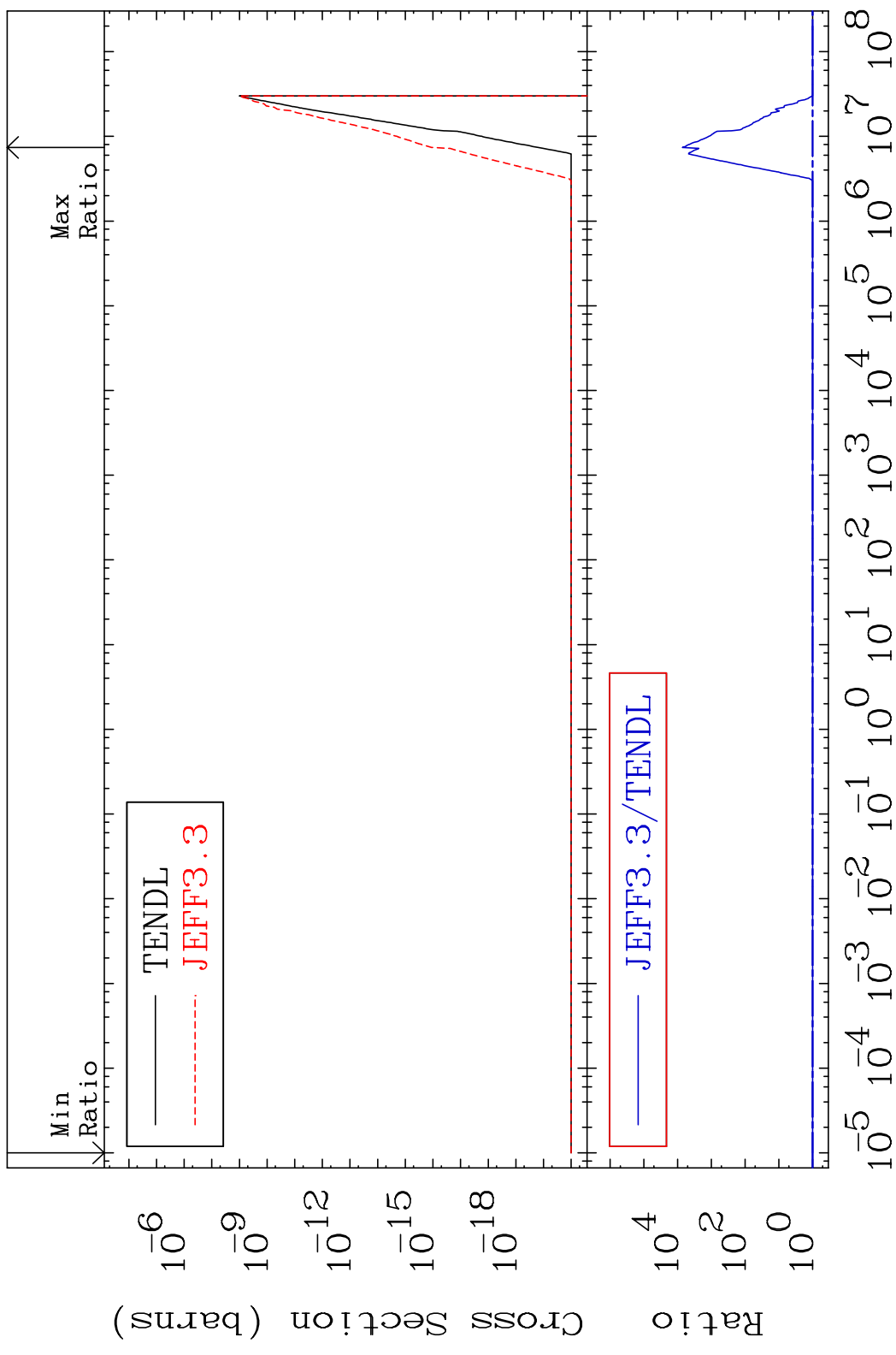


MAT 7528

(n, 2α)

75-Re-186

Cross Section 0.000 To 9999. %

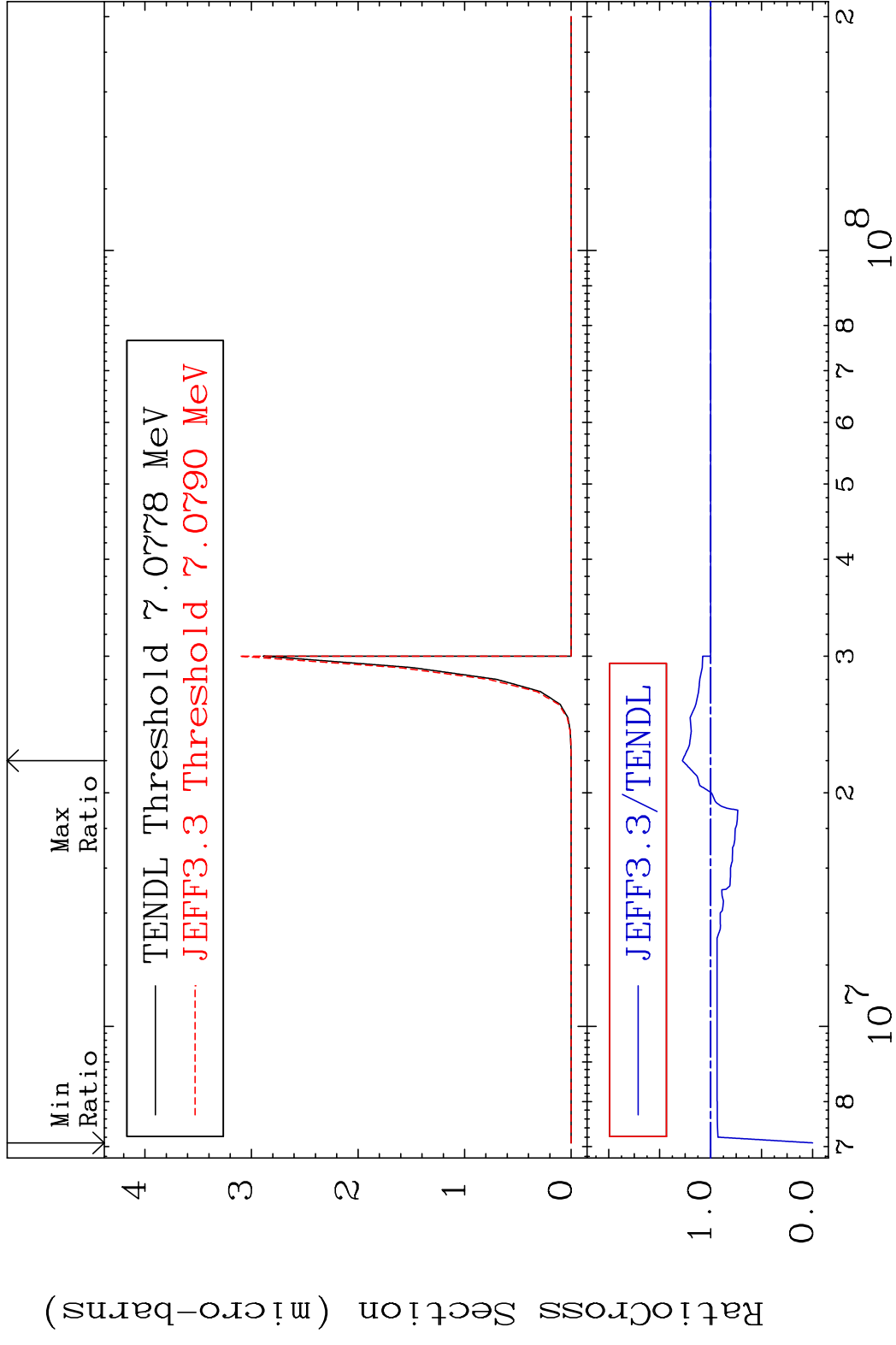


MAT 7528

(n,2p)

75-Re-186

Cross Section -100.0 To 27.75 %



55

Incident Energy (eV)

75-Re-186

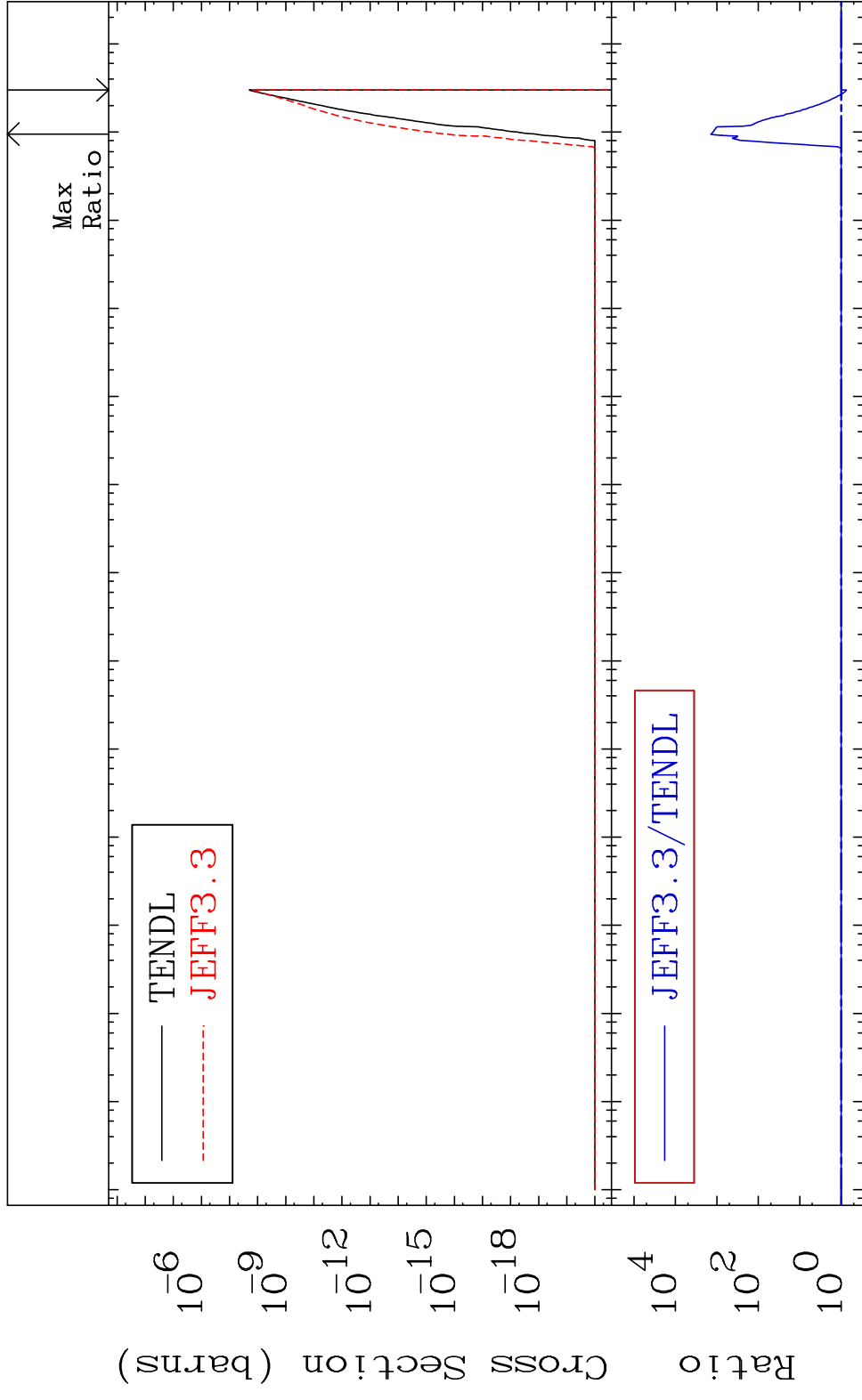


MAT 7528

(n,p)  $\alpha$

75-Re-186

Cross Section -24.68 To 9999. %

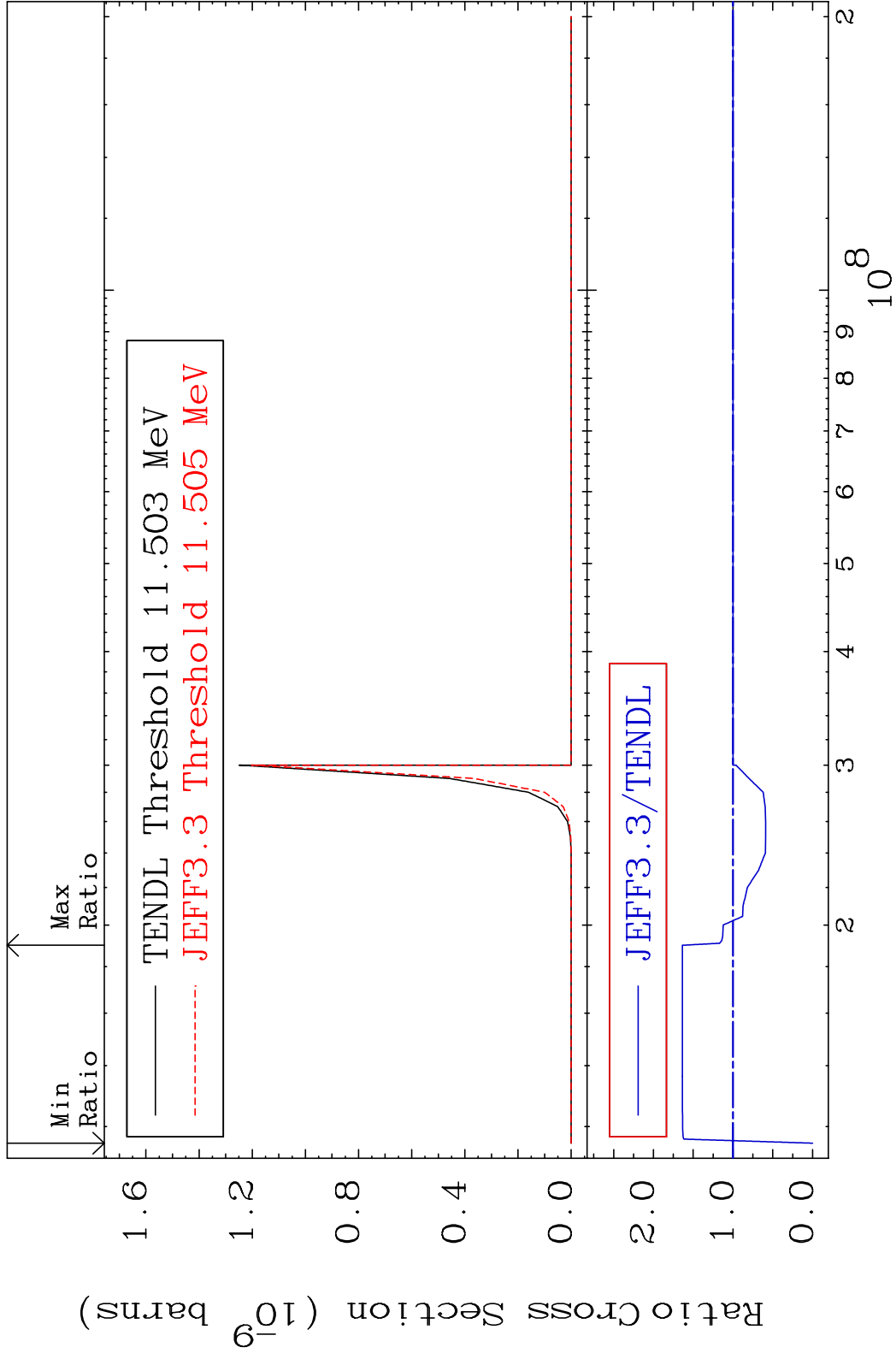


MAT 7528

(n,p) d

75-Re-186

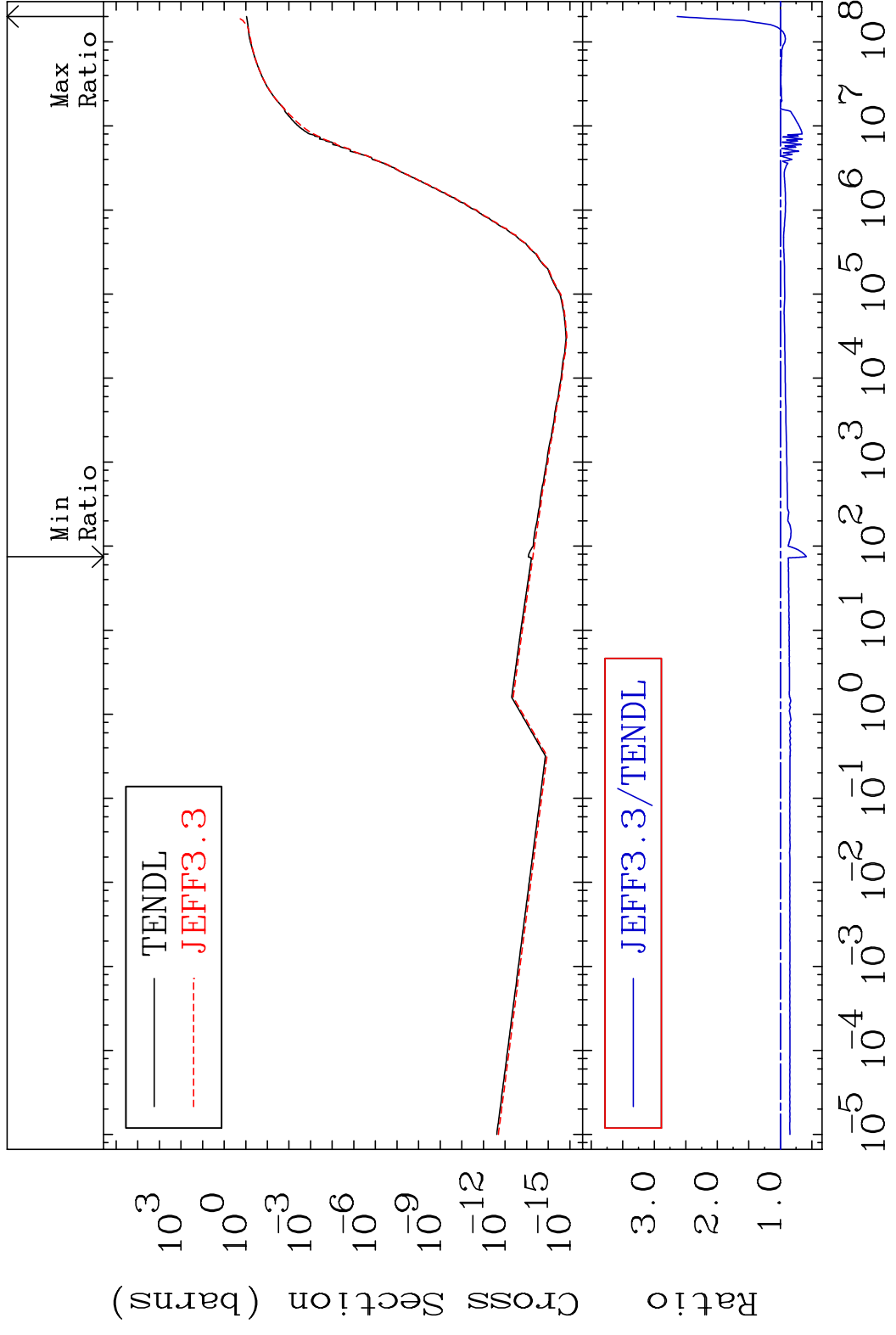
Cross Section -100.0 To 63.64 %

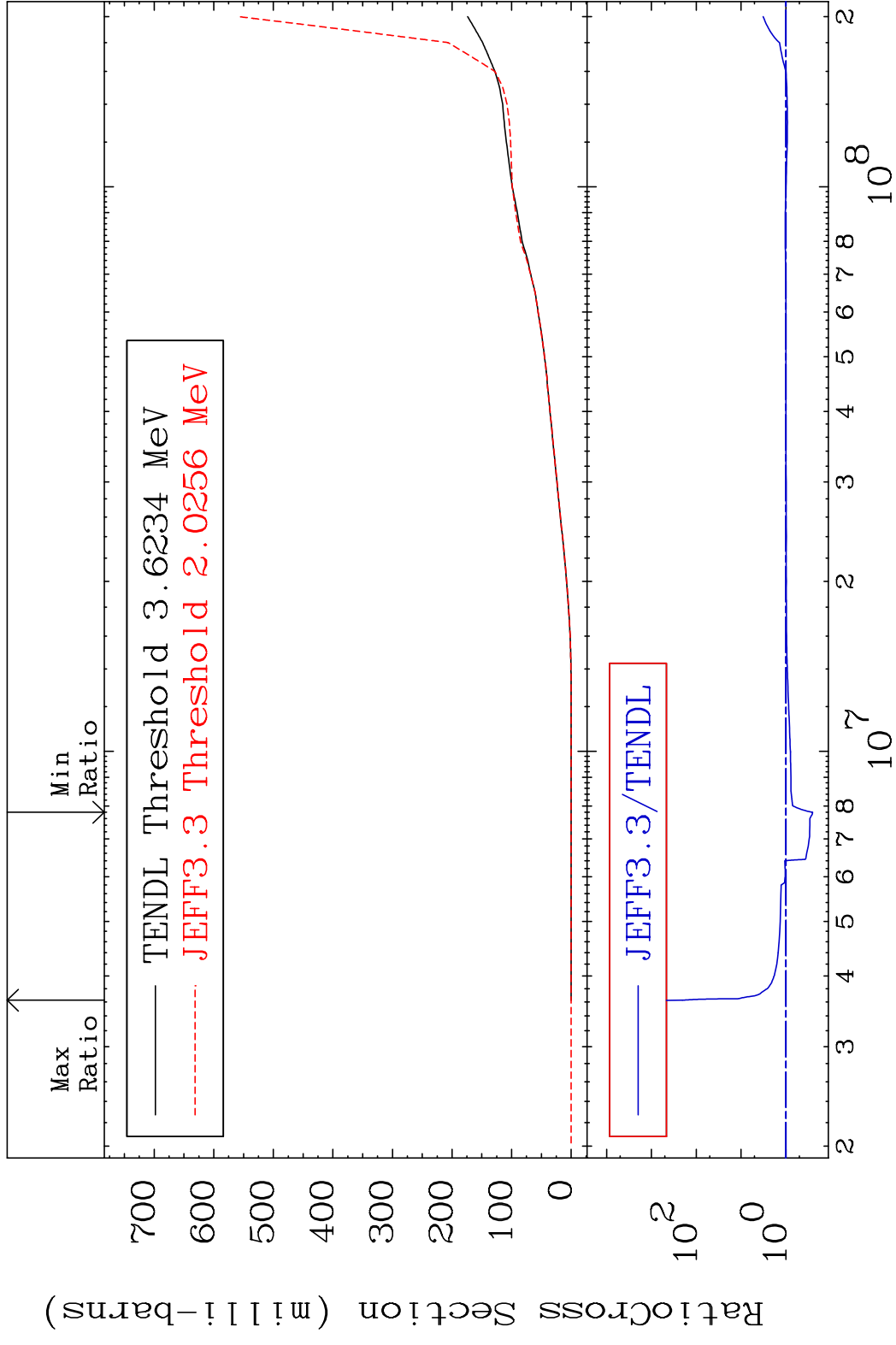


MAT 7528

Hydrogen Production  
Cross Section

75-Re-186  
-41.33 To 163.7 %



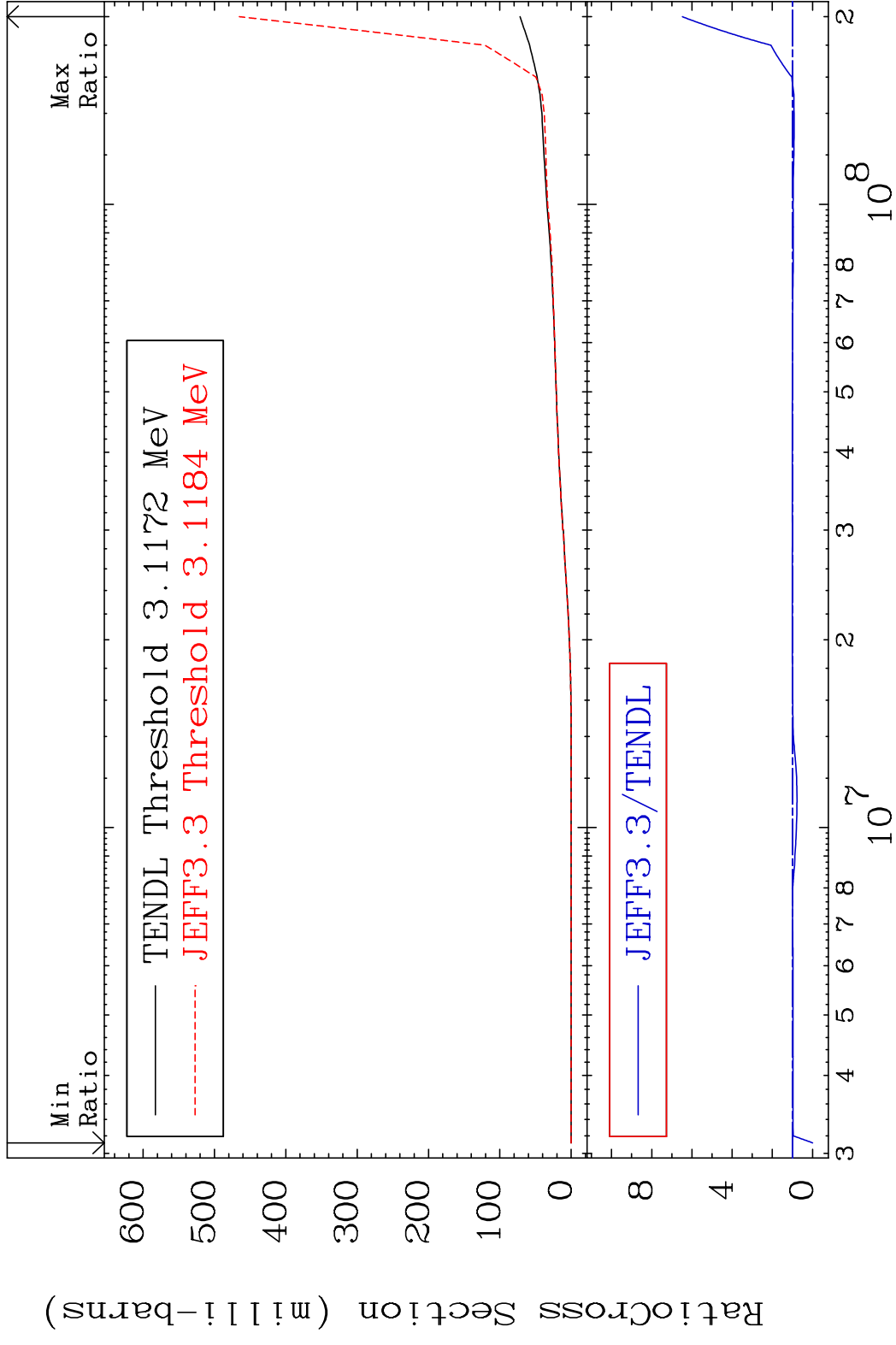


MAT 7528

Tritium Production

<sup>75</sup>Re-186

Cross Section -100.0 To 547.7 %



60

Incident Energy (eV)

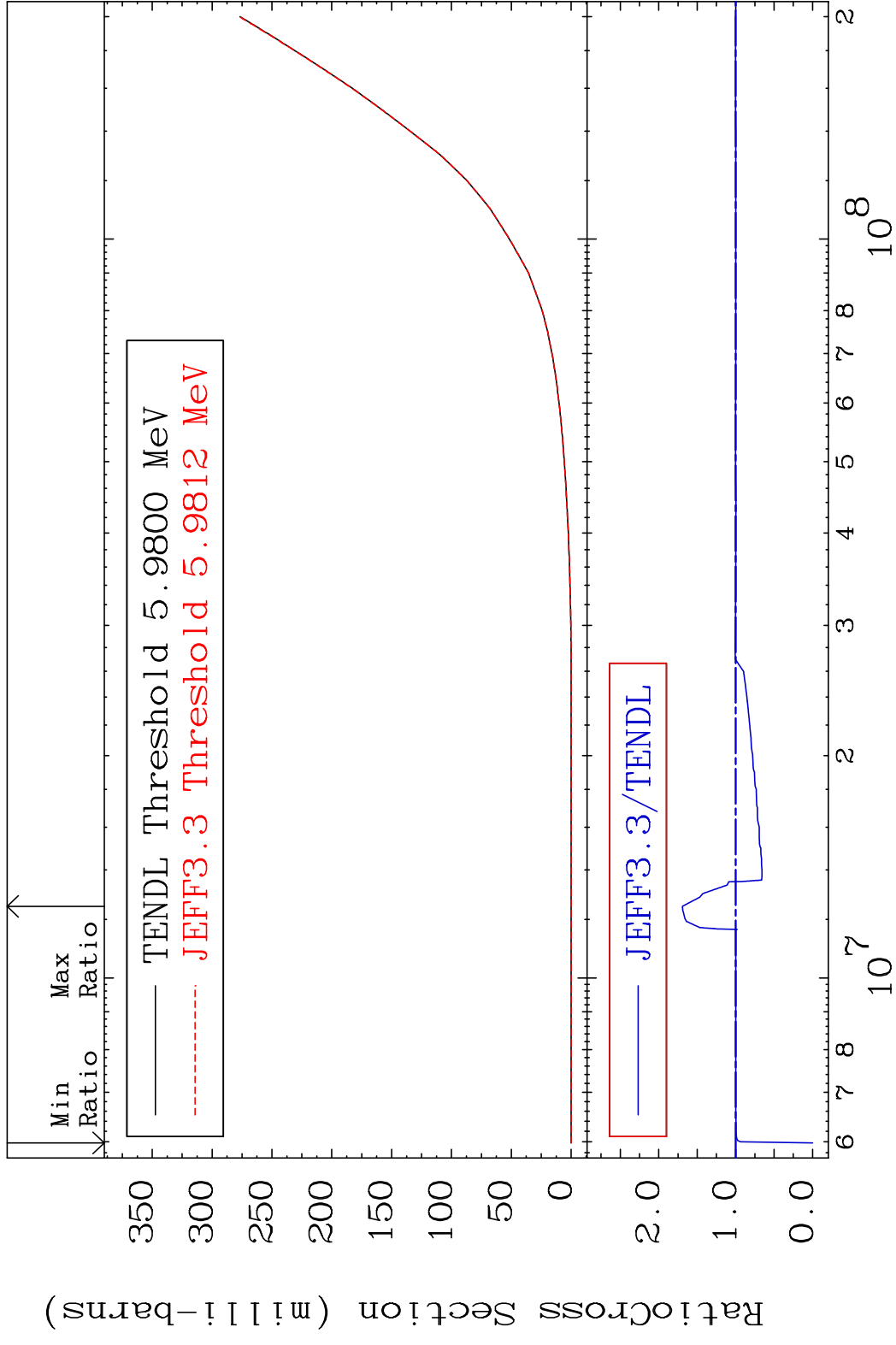
<sup>75</sup>Re-186

MAT 7528

He-3 Production

75-Re-186

Cross Section -100.0 To 69.29 %

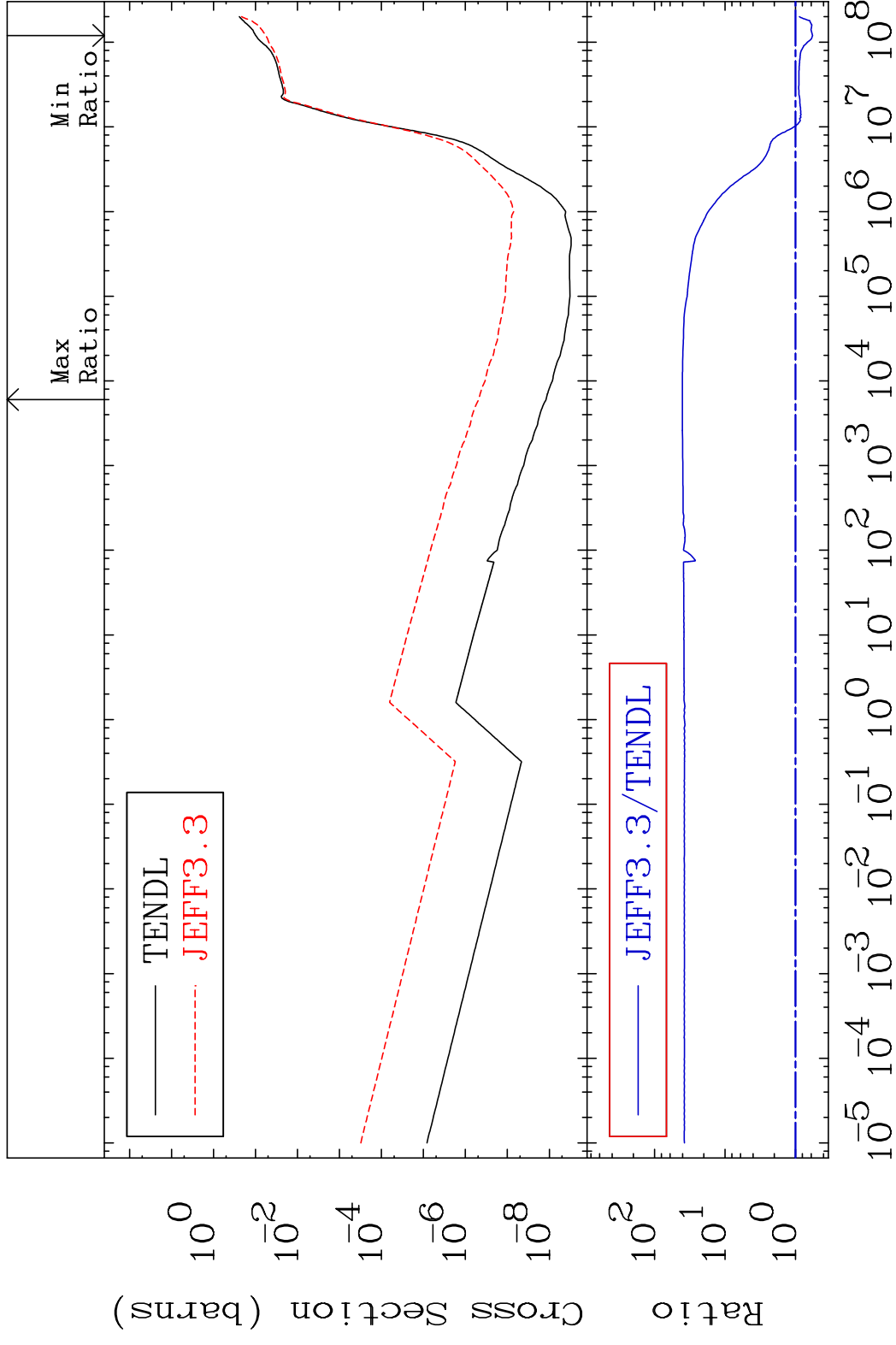


MAT 7528

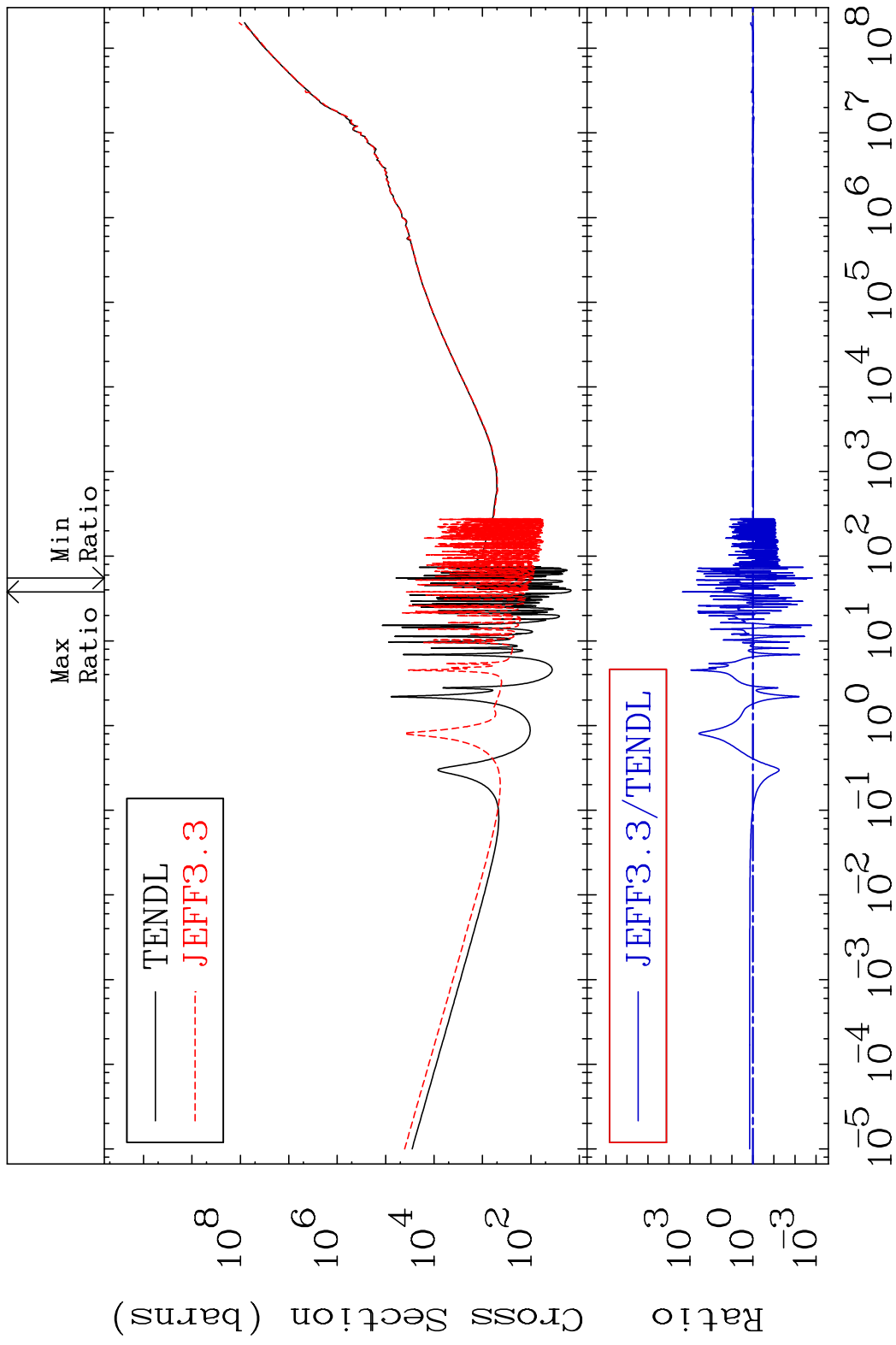
He-4 Production

75-Re-186

Cross Section -42.72 To 3928. %



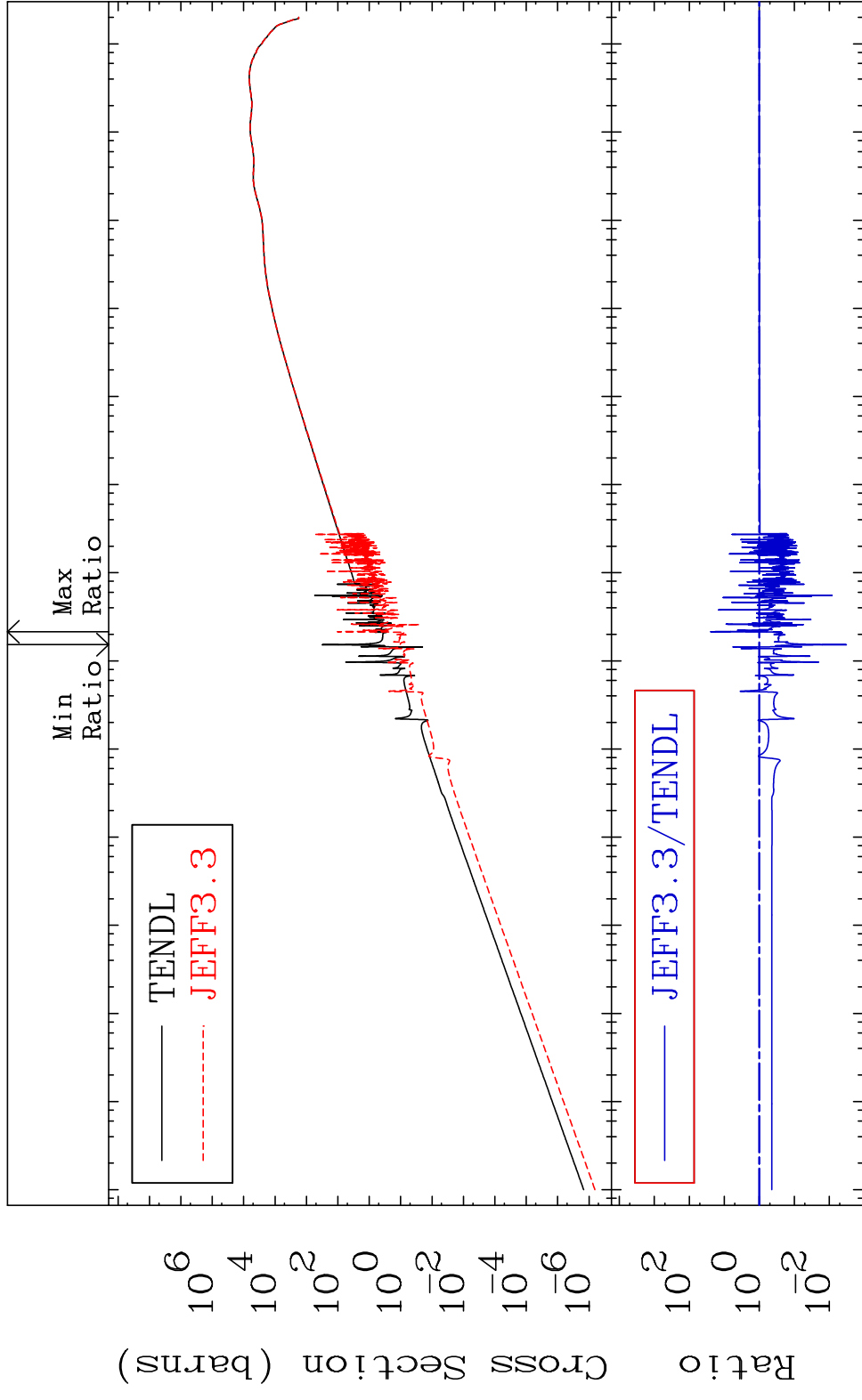
MAT 7528 Kerma total (eV-barns) 75-Re-186  
 Cross Section -99.85 To 9999. %



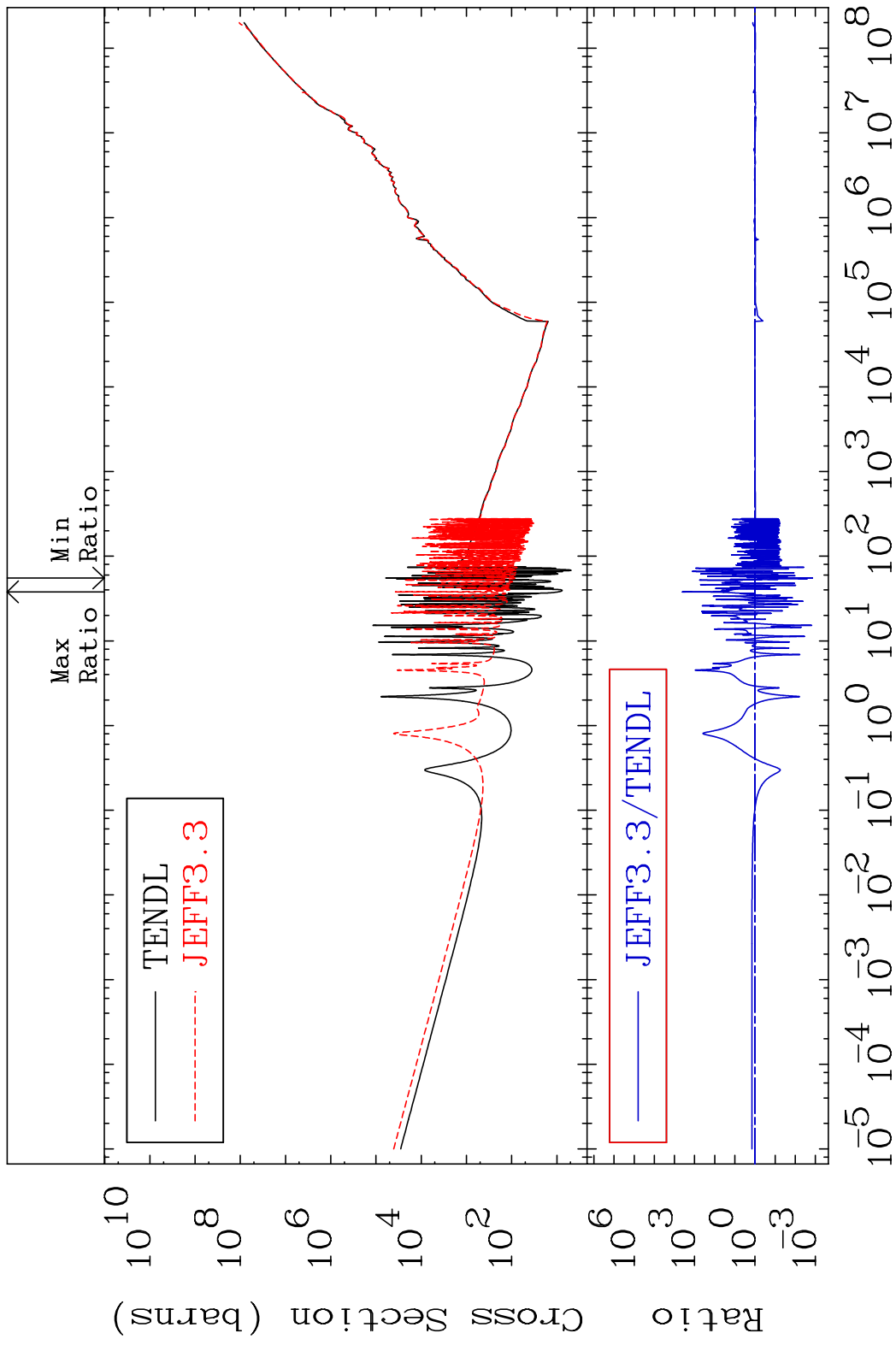


MAT 7528

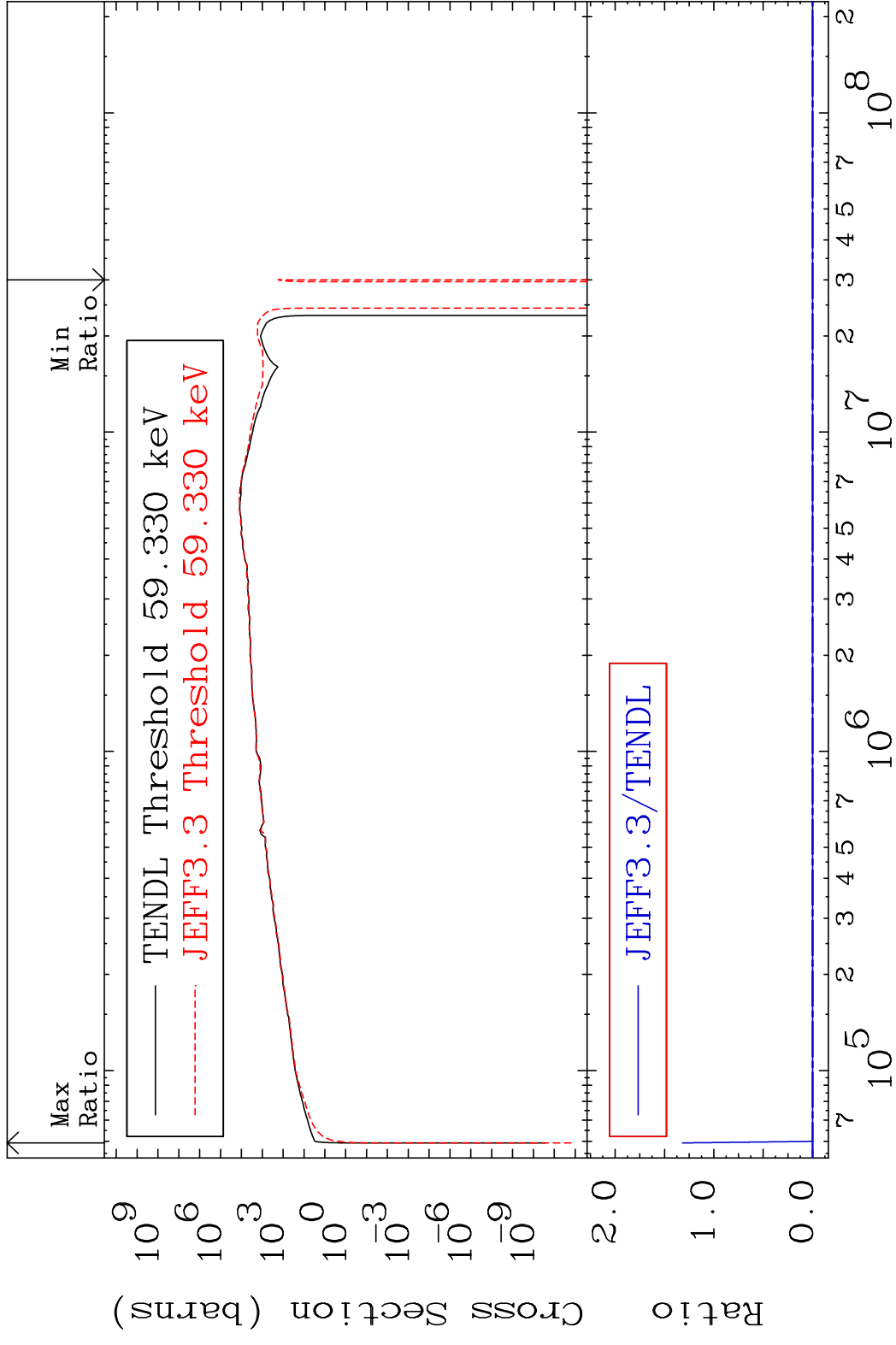
Kerma elastic Cross Section -99.67 To 2338. %  
75-Re-186



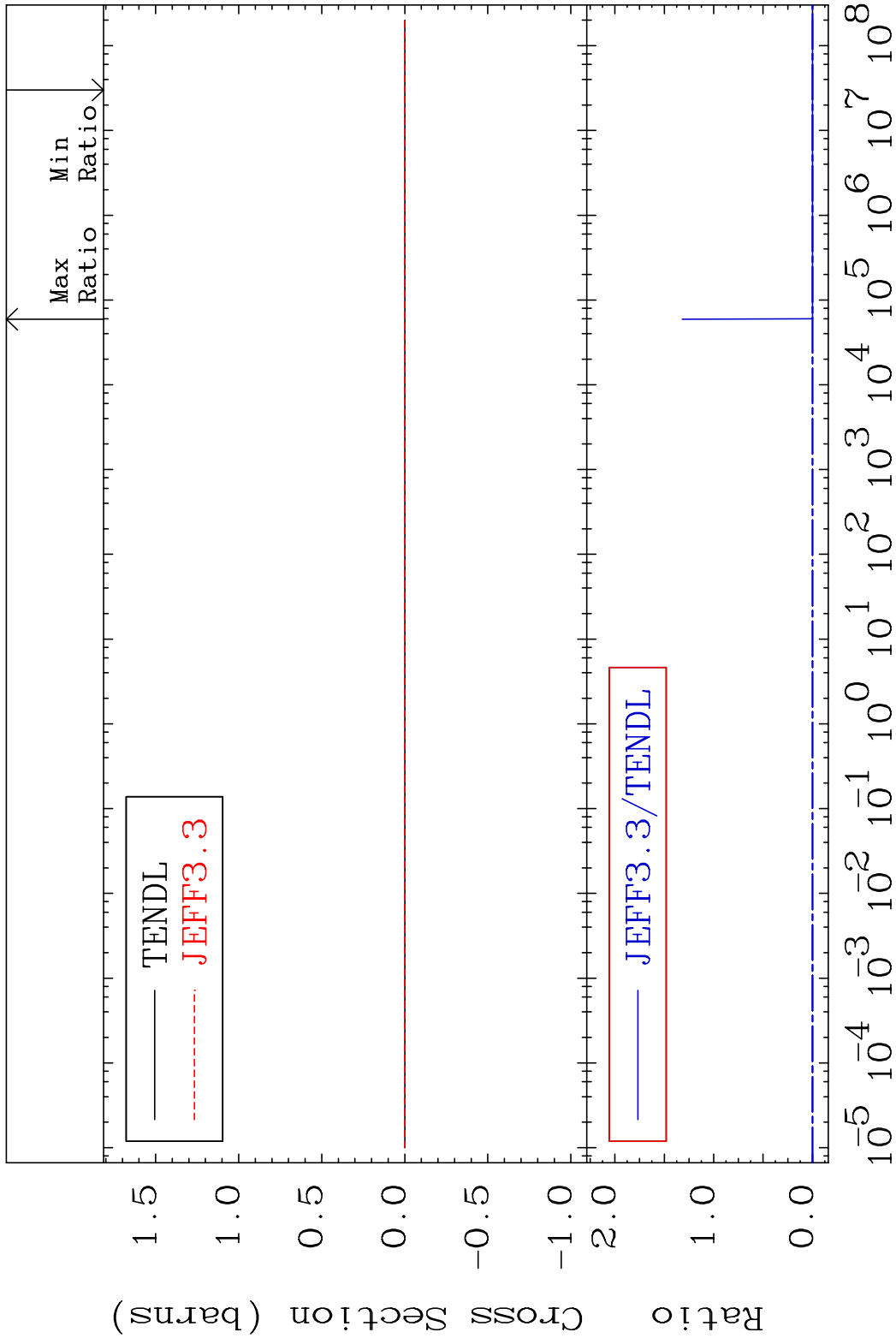
MAT 7528 Kerma non-elastic (all but mt2) 75-Re-186  
 Cross Section -99.86 To 9999. %



MAT 7528 Kerma inelastic (mt51-91) 75-Re-186  
 Cross Section -621.8 To 9999. %

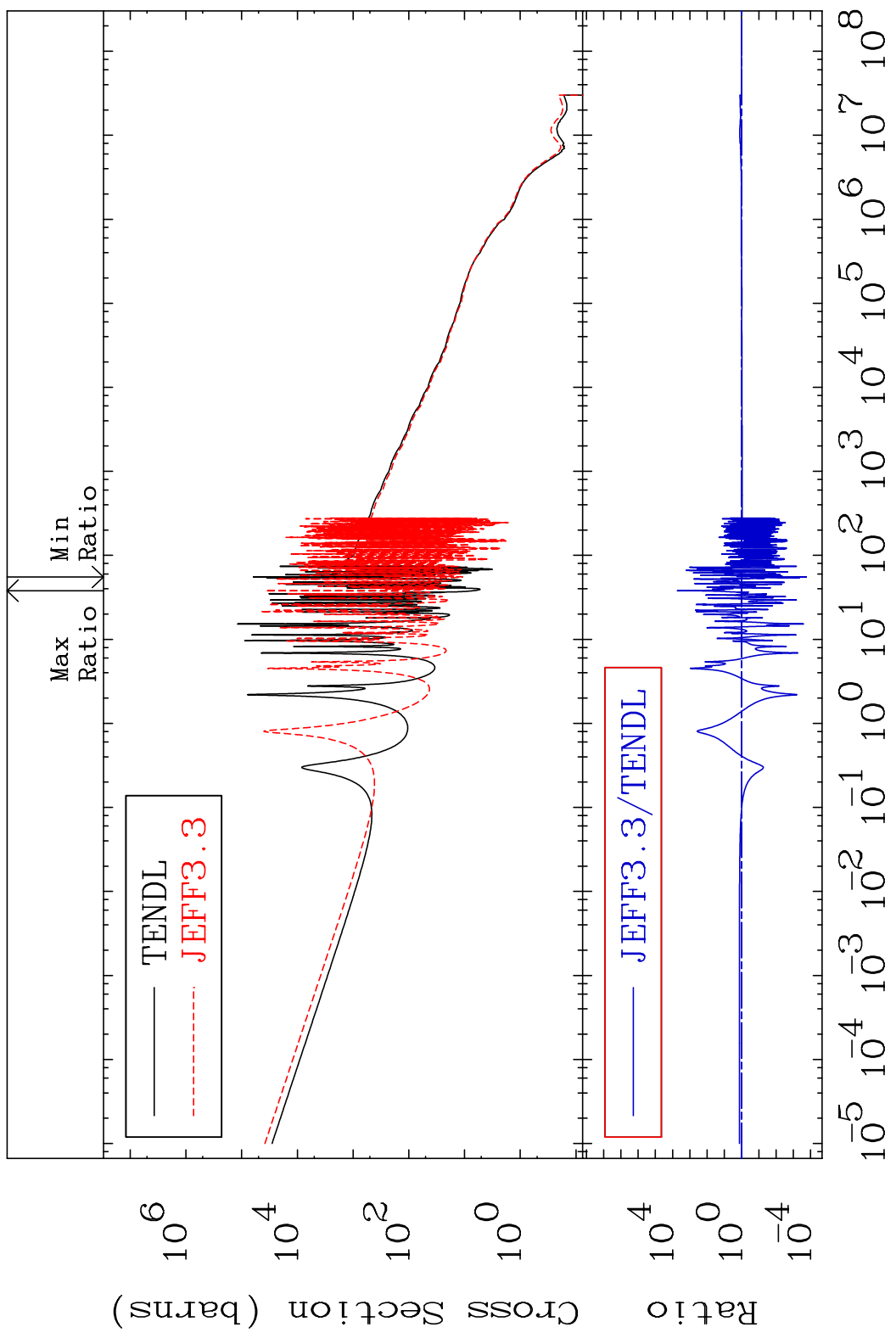


MAT 7528 Kerma fission (mt18 or mt19-20-21-38)75-Re-186  
 Cross Section -621.8 To 9999. %



MAT 7528

Kerma capture (mt102) 75-Re-186  
Cross Section -99.98 To 9999. %

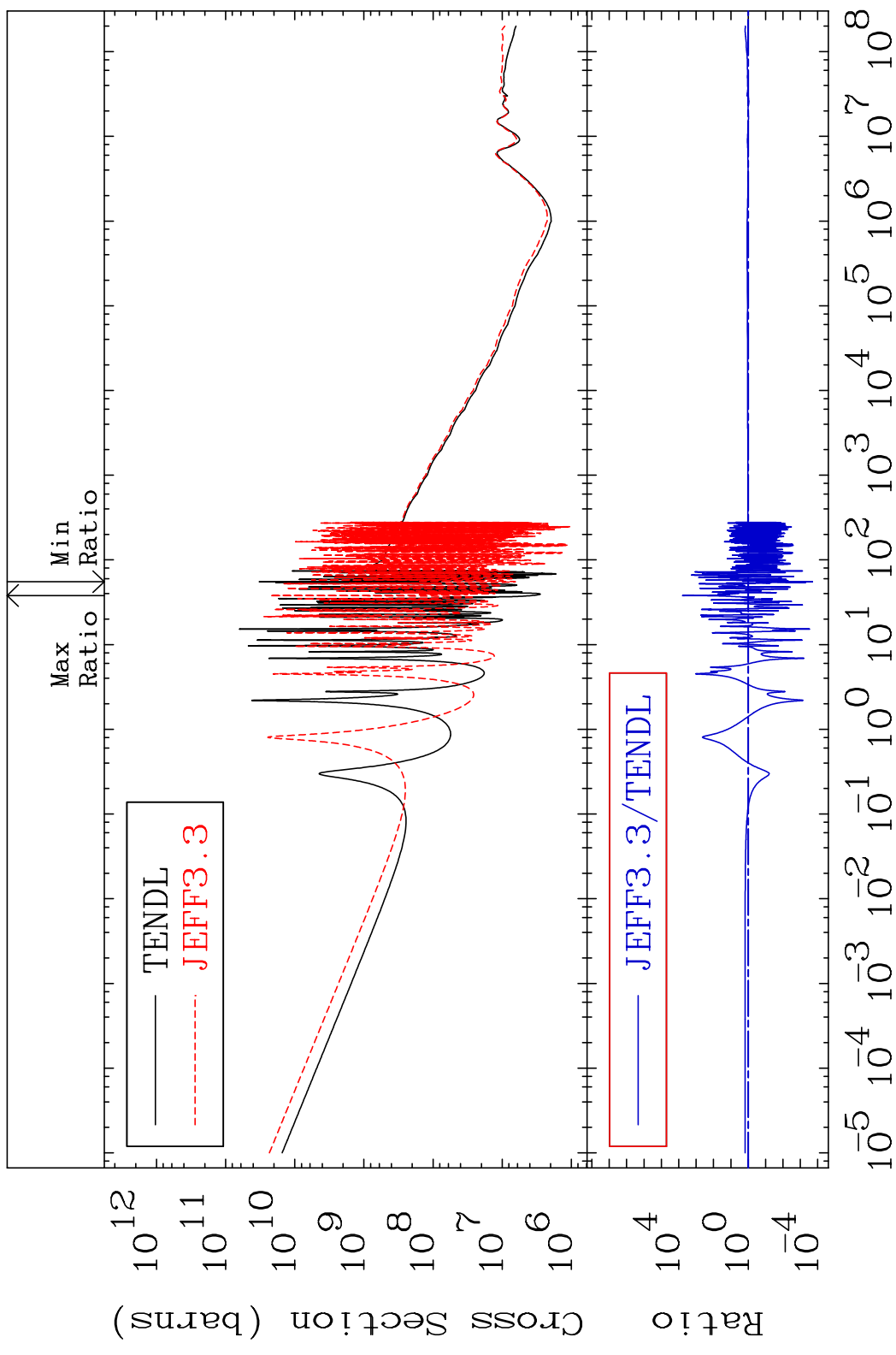


MAT 7528

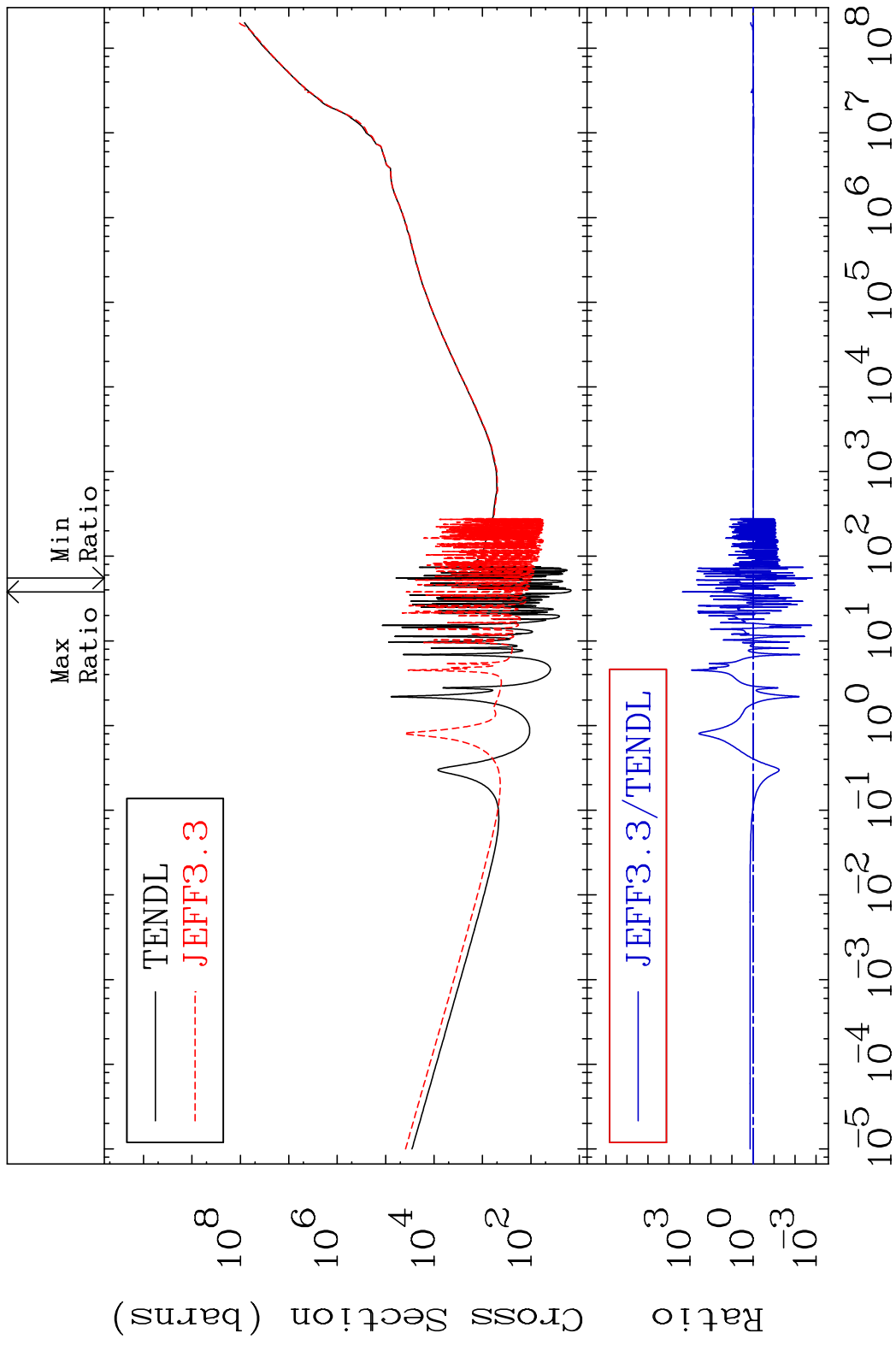
Total photon (eV-barns)

75-Re-186

Cross Section -99.98 To 9999. %



MAT 7528 Total kinematic kerma (high limit) 75-Re-186  
 Cross Section -99.85 To 9999. %



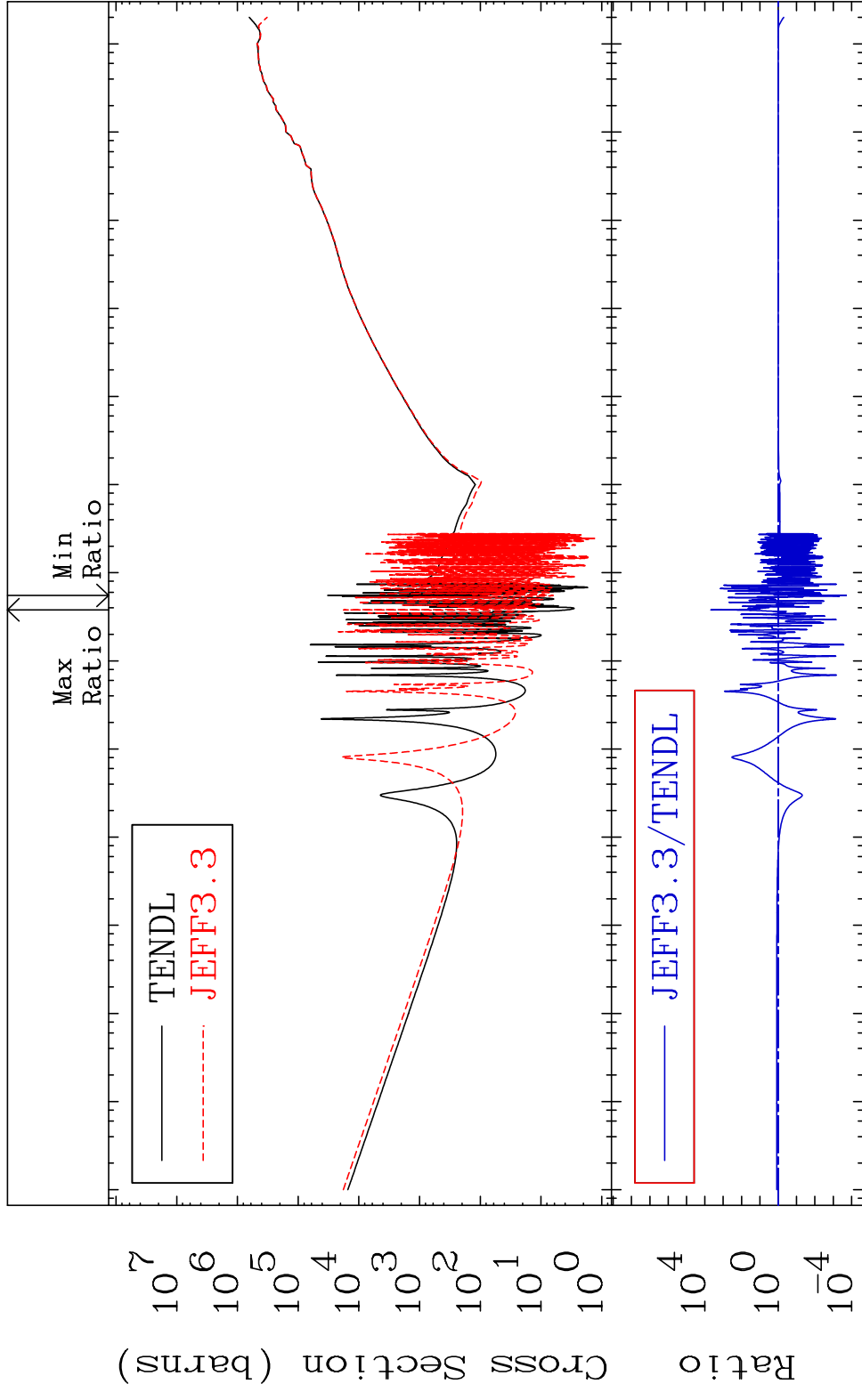
70 Incident Energy (eV) 75-Re-186

MAT 7528

Dpa total (eV-barns)

75-Re-186

Cross Section -99.98 To 9999. %



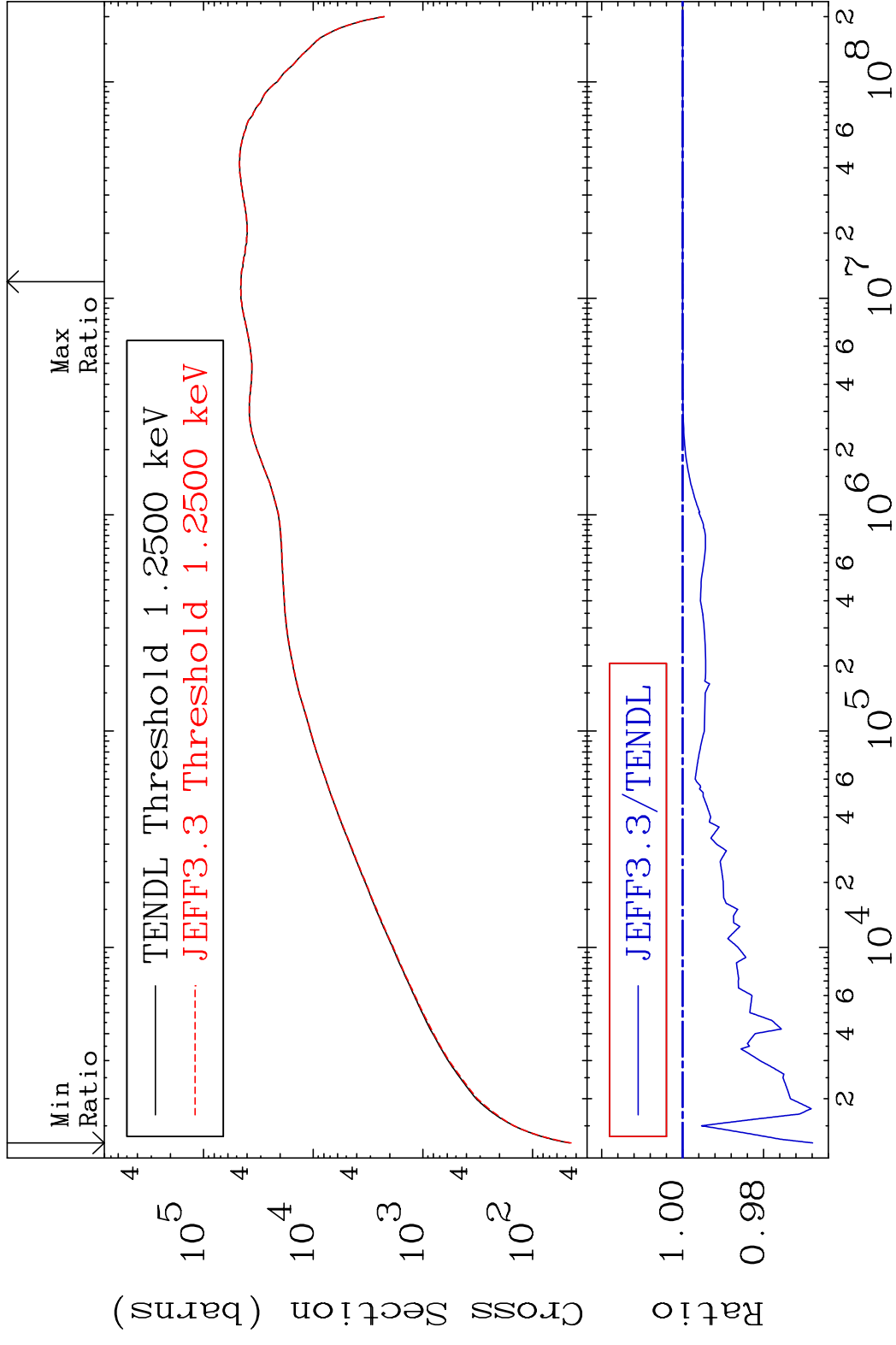


MAT 7528

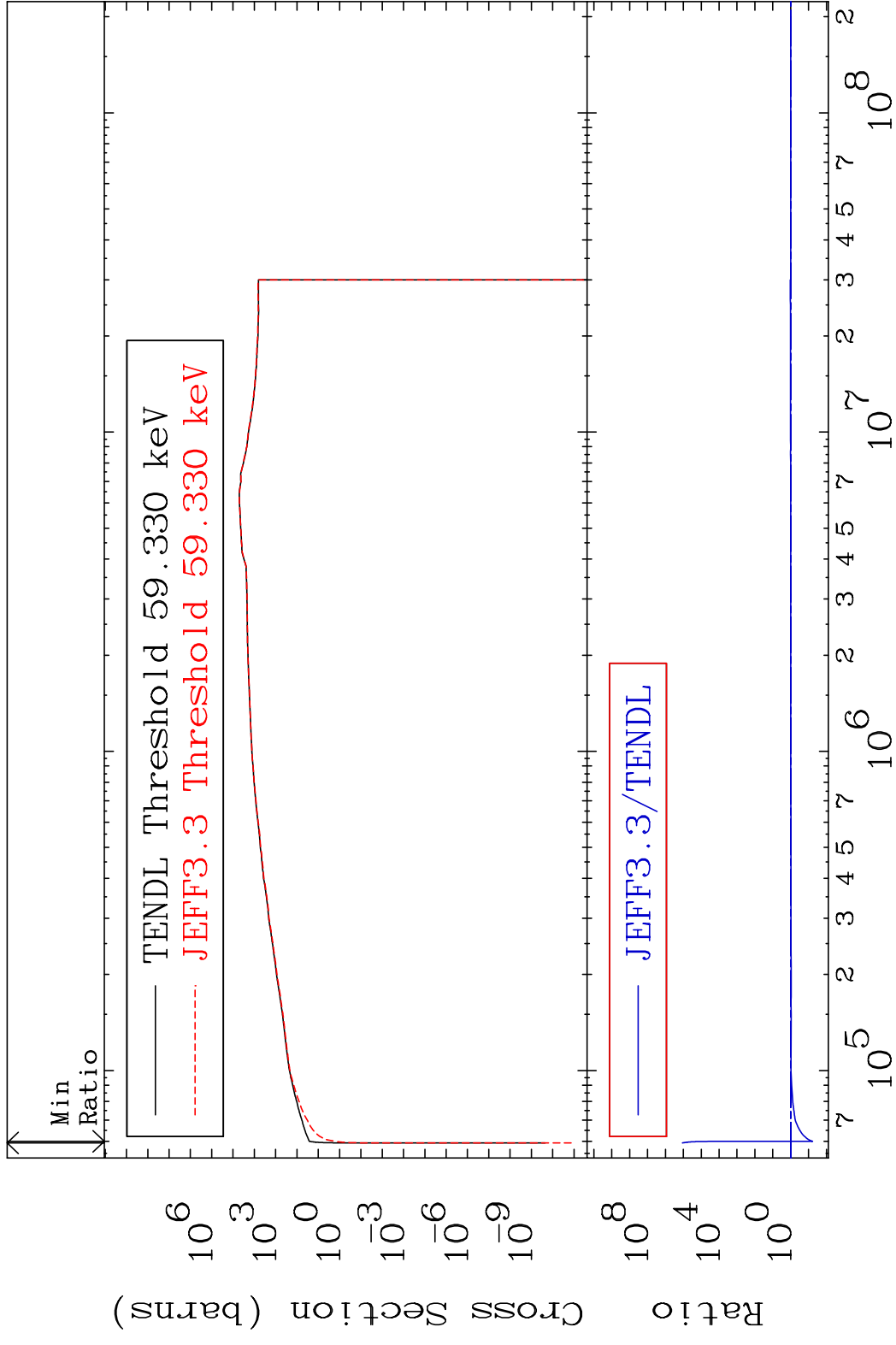
Dpa elastic (mt2)

75-Re-186

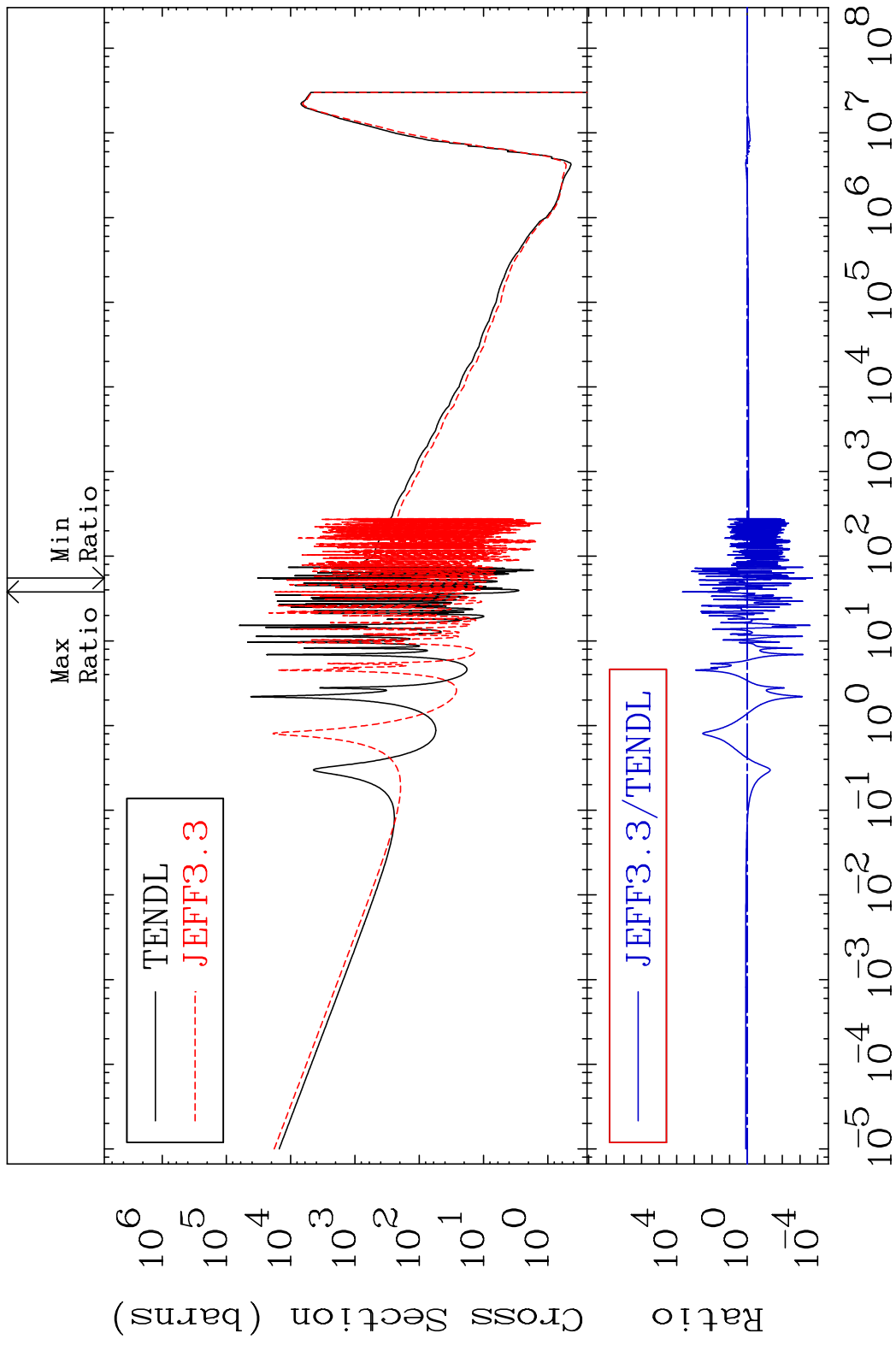
Cross Section -3.211 To 0.005 %

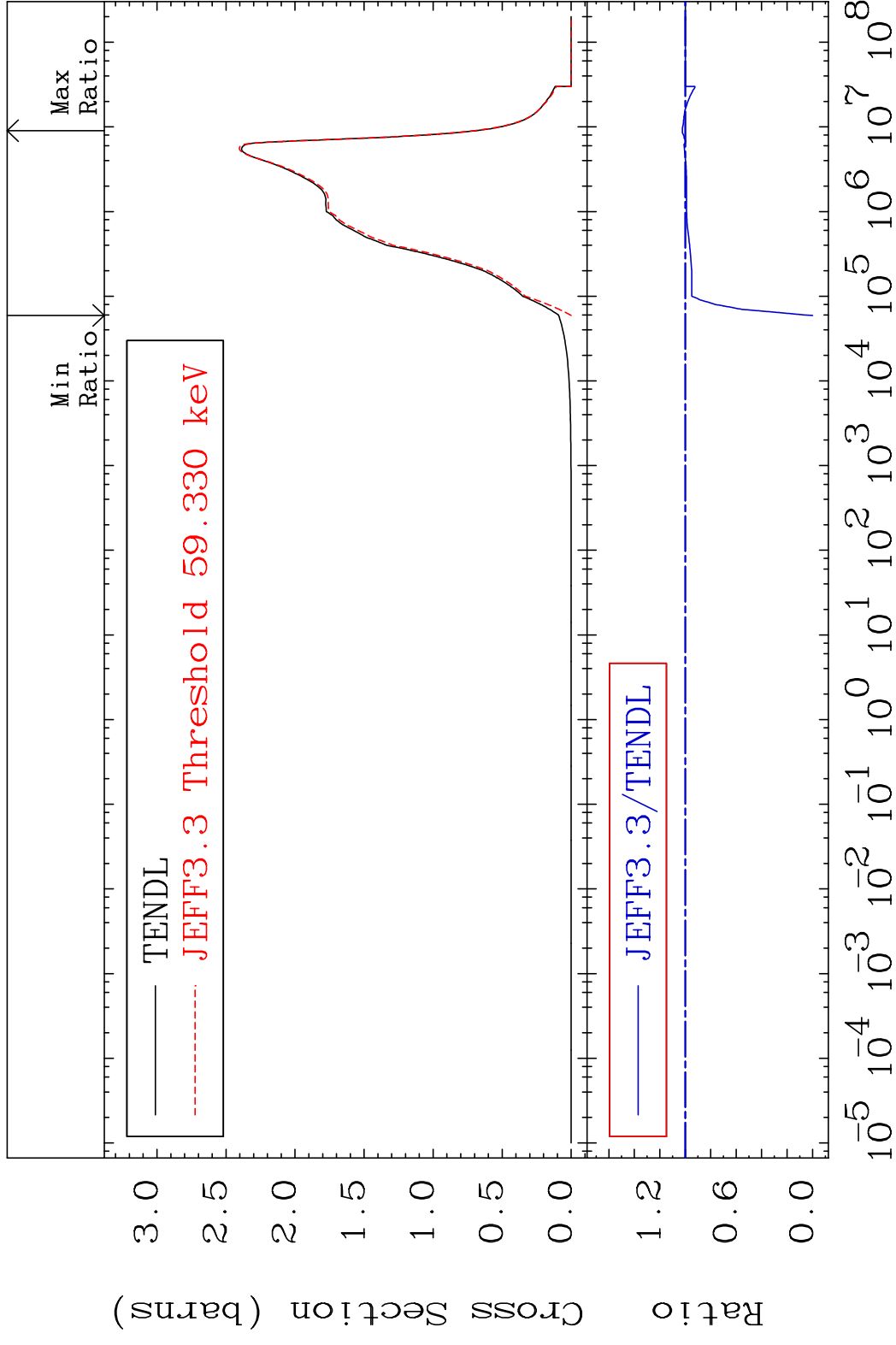


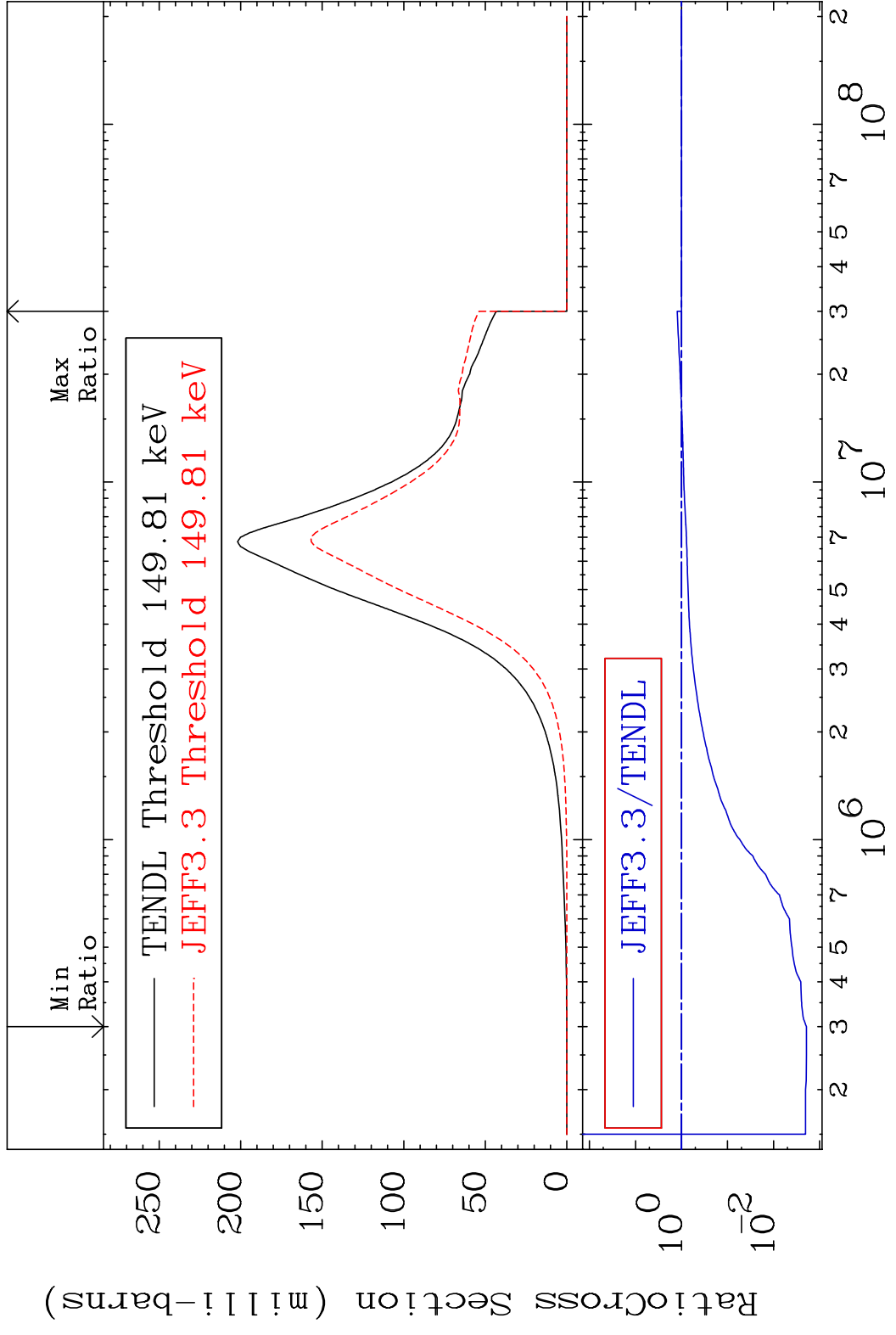
MAT 7528 Dpa inelastic (mt51-91) 75-Re-186  
 Cross Section -94.02 To 9999. %

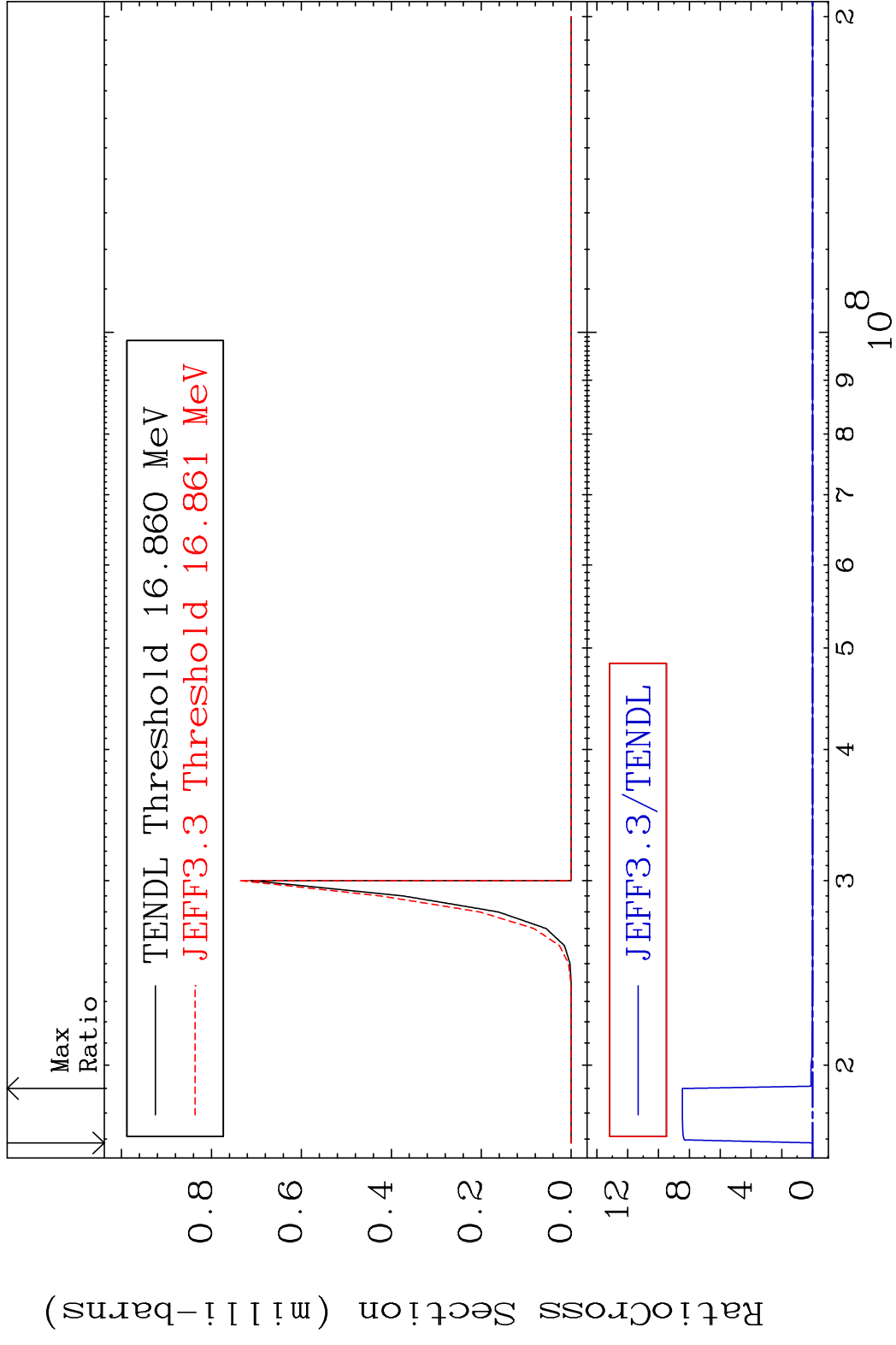


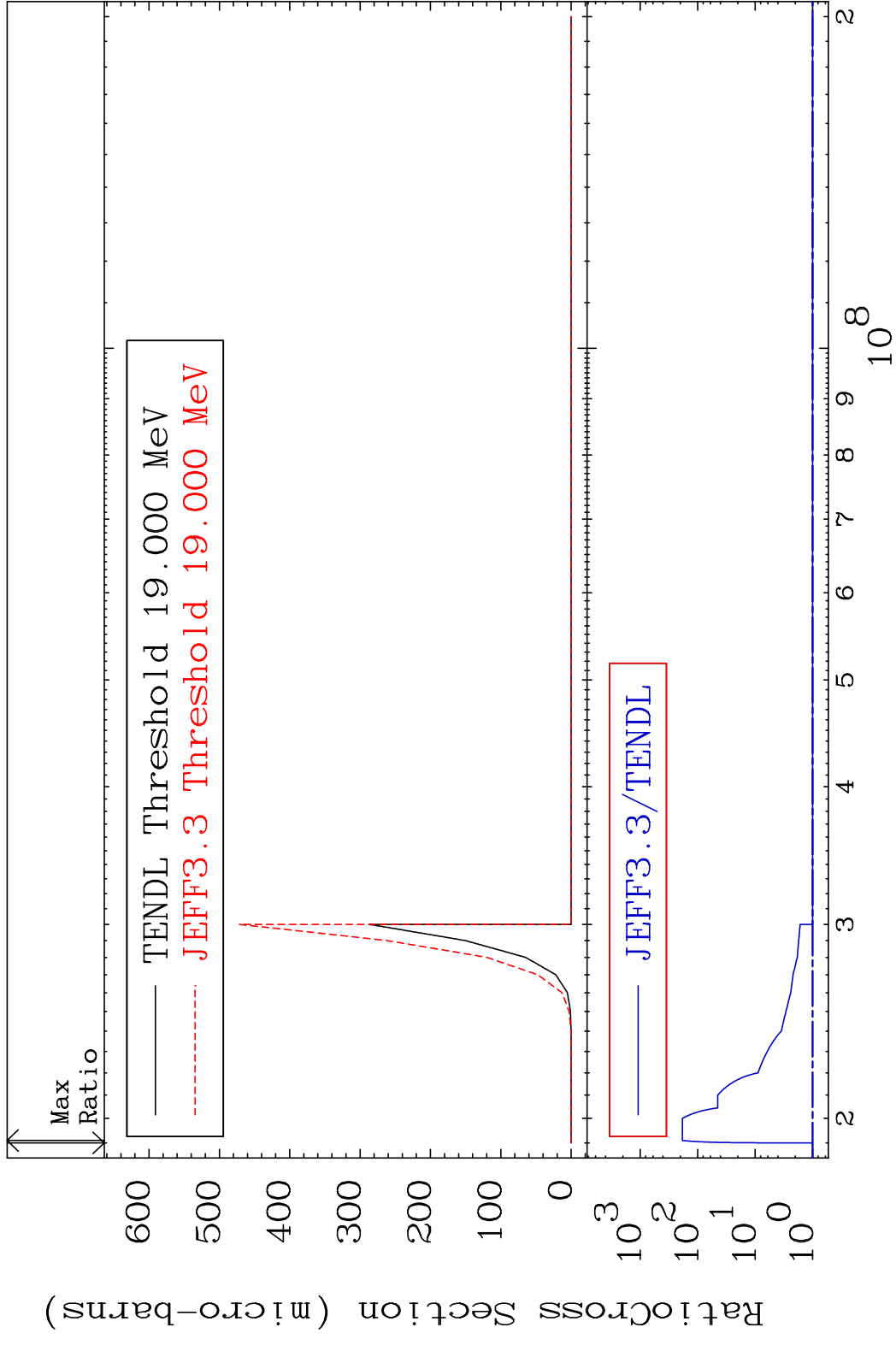
MAT 7528 Dpa disappearance (mt102 -120) 75-Re-186  
 Cross Section -99.98 To 9999. %

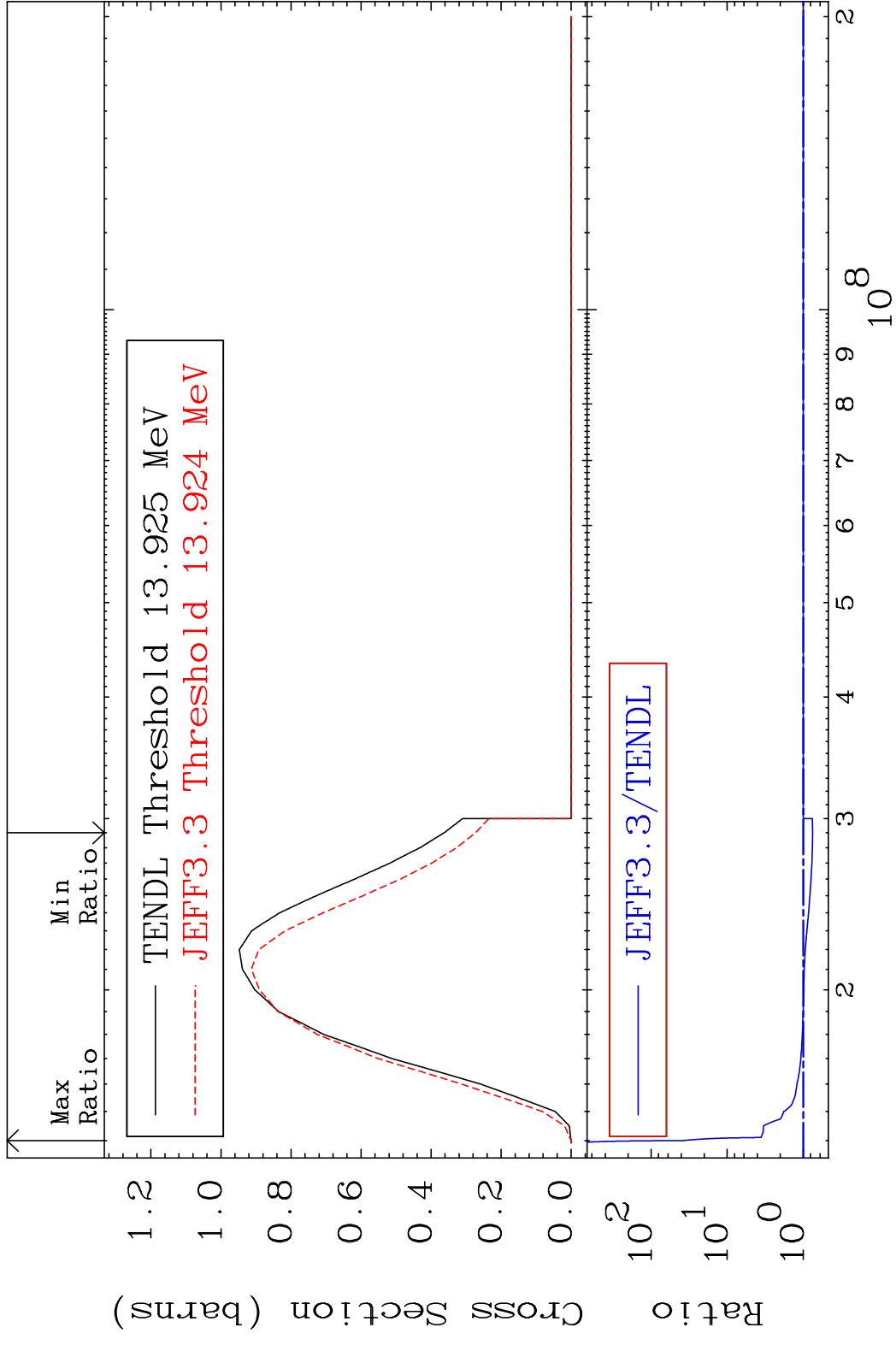






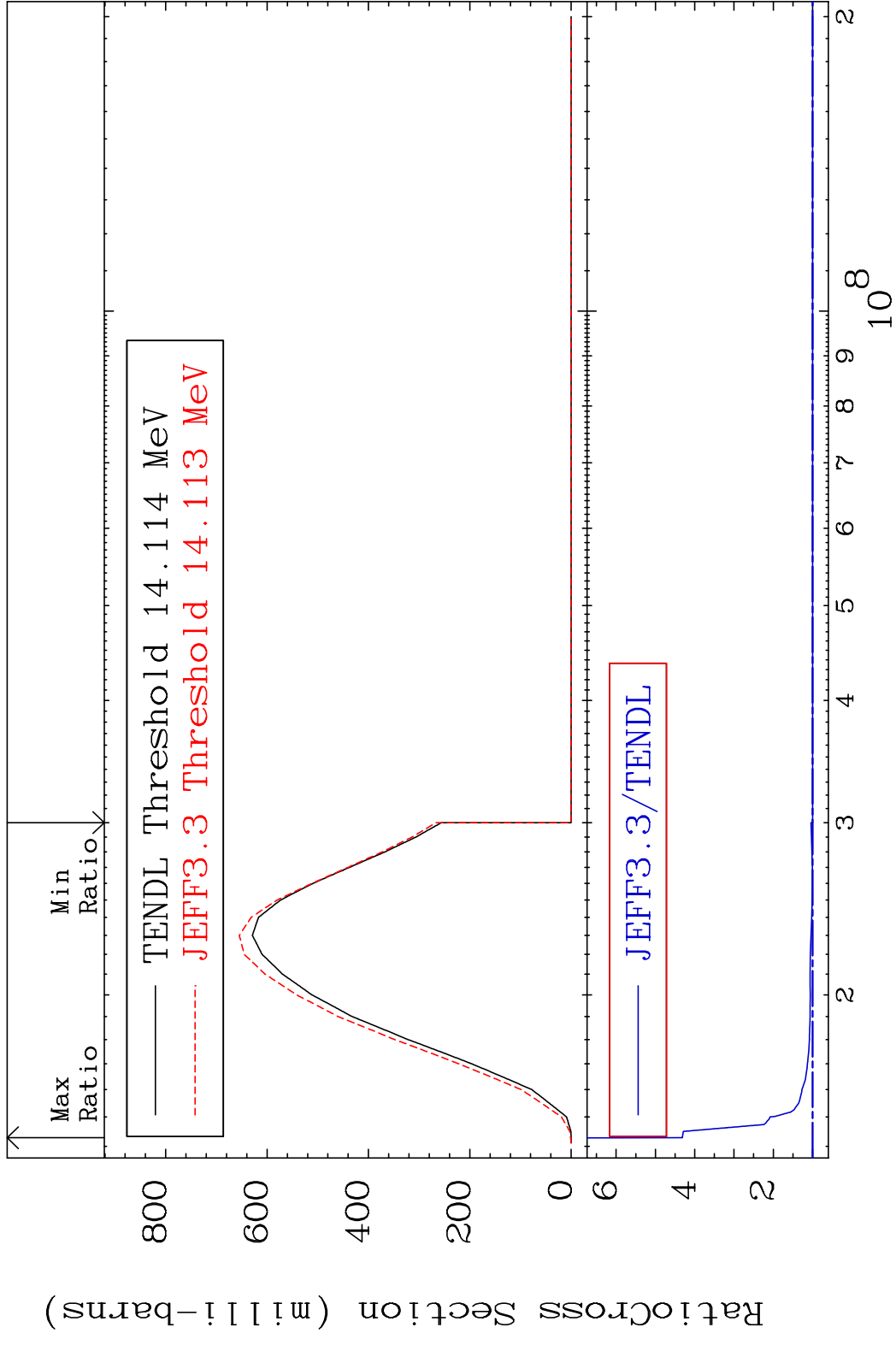


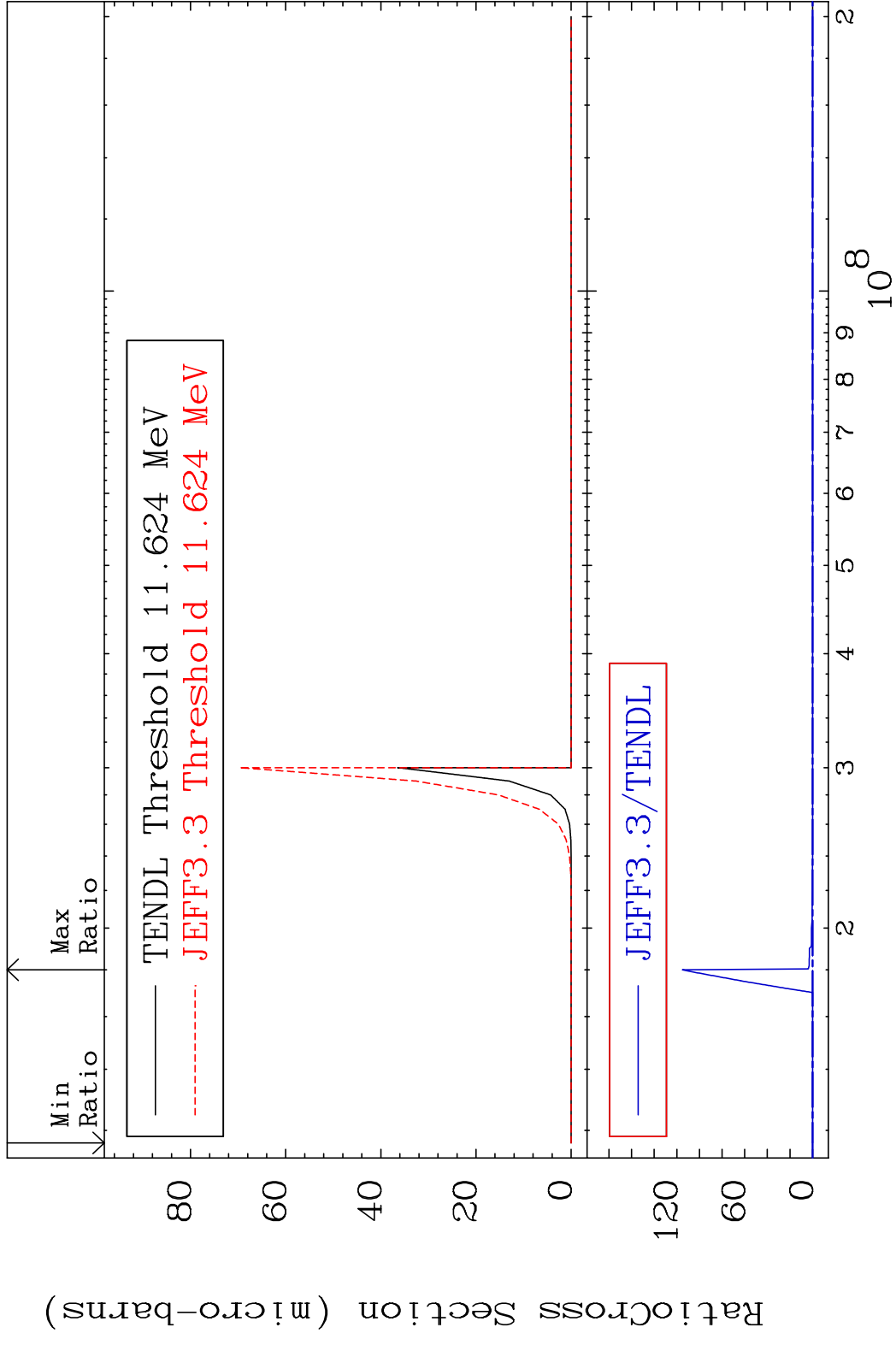


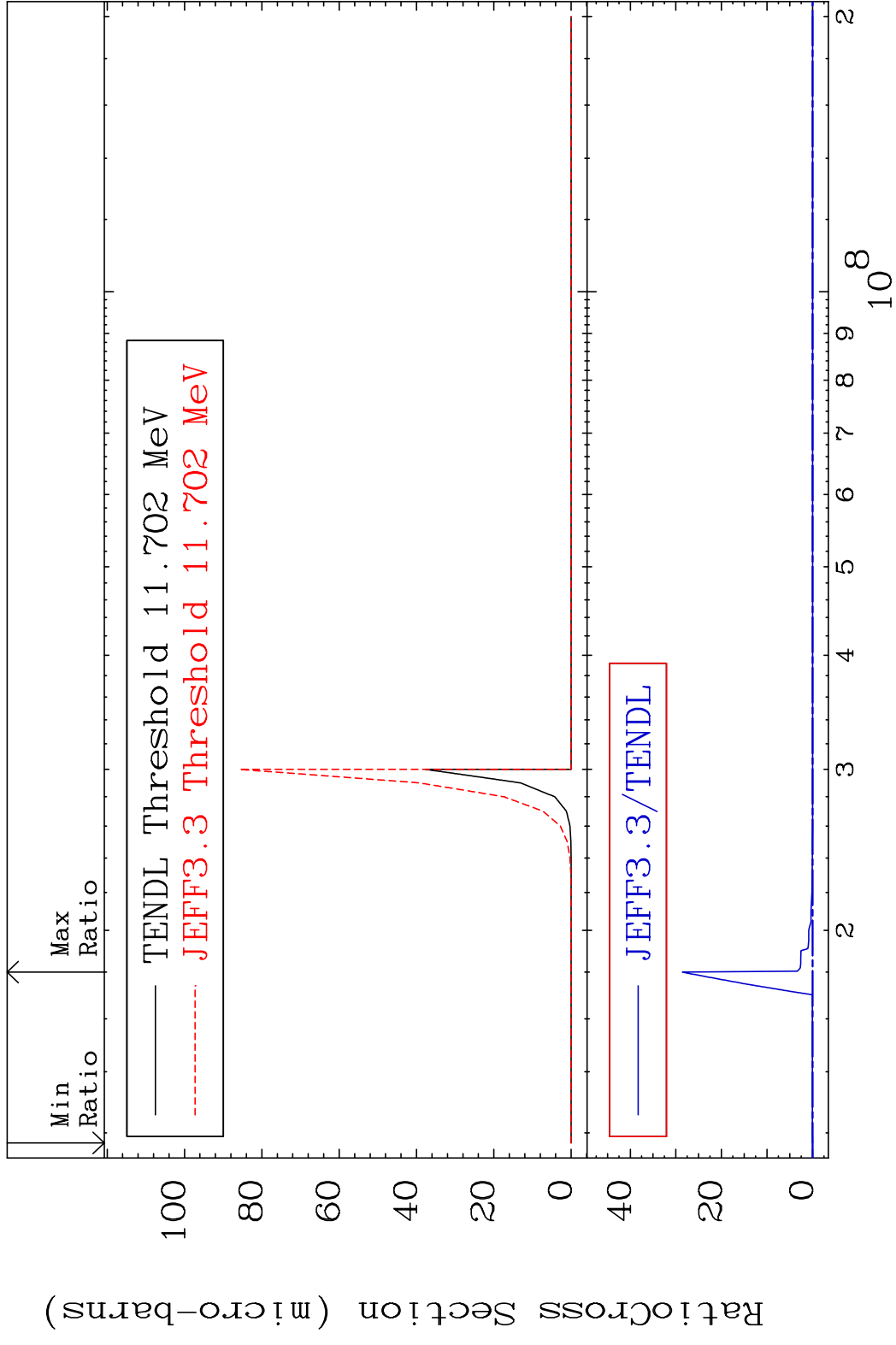




MAT 7528 (n, 3n) : 75-Re-184m5 75-Re-186  
 Radionuclide Production Cross Section 331.4 %







MAT 7528 (n, n') t:74-W -183g 75-Re-186  
 Radionuclide Production Cross Section 180.0 dth 427.6 %

