

Program Complot  
(Version 2021-1)

by

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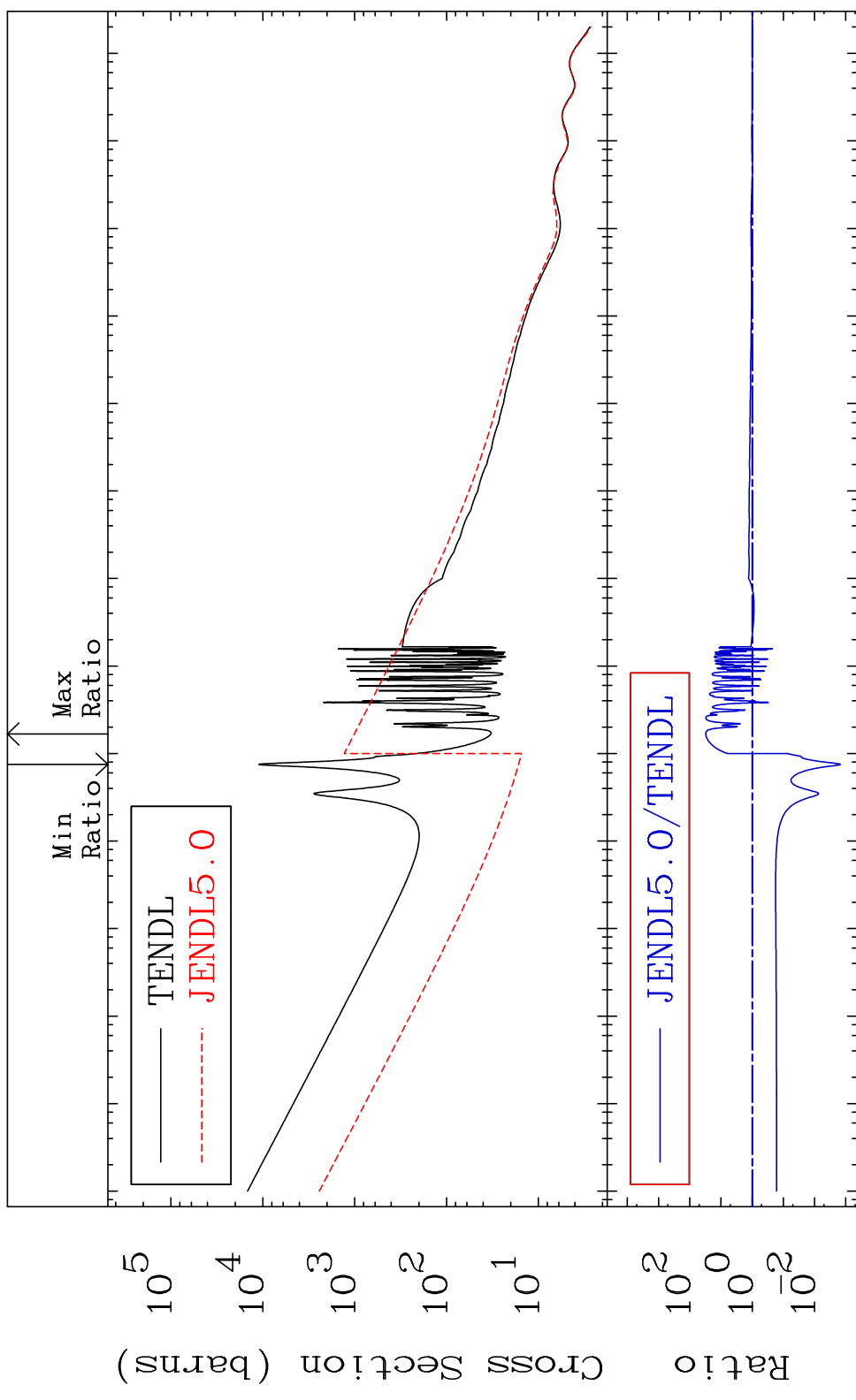
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7523

Total Cross Section -99.85 To 2967. %

75-Re-184m



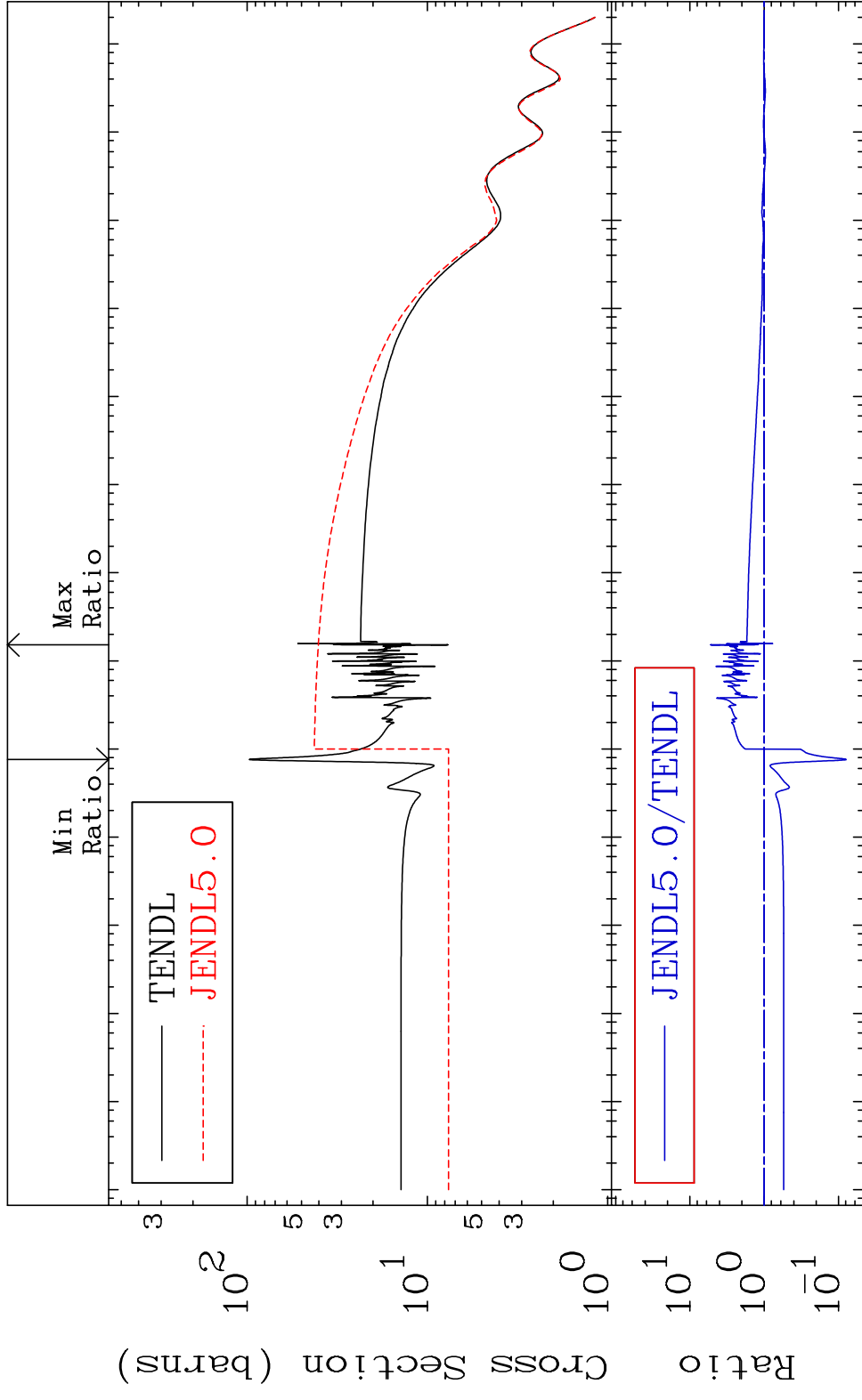
Ratio  
10<sup>5</sup>  
10<sup>4</sup>  
10<sup>3</sup>  
10<sup>2</sup>  
10<sup>1</sup>  
10<sup>0</sup>  
10<sup>-1</sup>  
10<sup>-2</sup>  
10<sup>-3</sup>  
10<sup>-4</sup>  
10<sup>-5</sup>

1 Incident Energy (eV) 75-Re-184m

MAT 7523

Elastic Cross Section -92.15 To 425.3 %

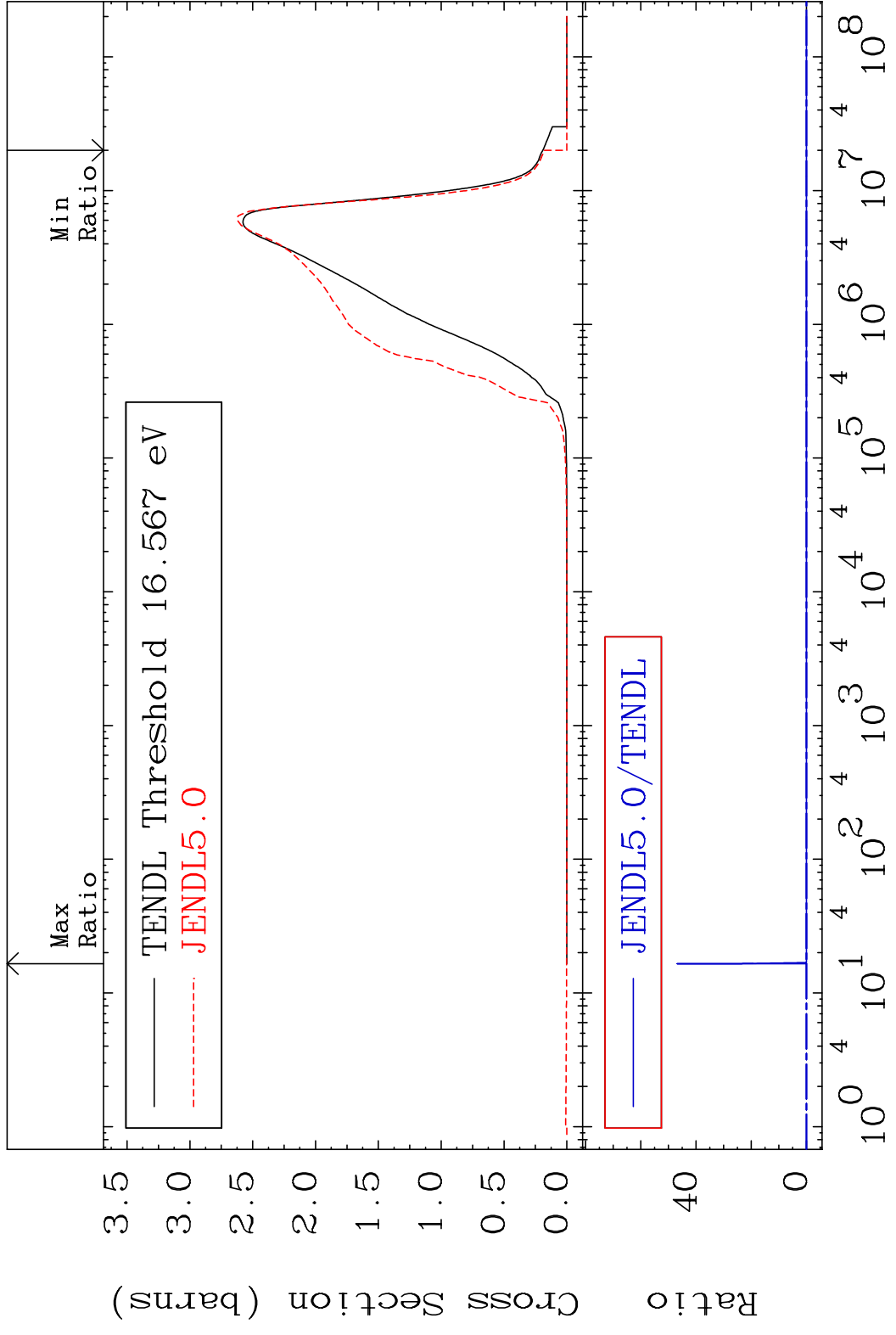
75-Re-184m



Ratio  
10<sup>2</sup>  
10<sup>1</sup>  
10<sup>0</sup>  
10<sup>-1</sup>  
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-184m

MAT 7523 Inelastic Cross Section -100.0 To 9999. % 75-Re-184m



3 Incident Energy (eV) 75-Re-184m

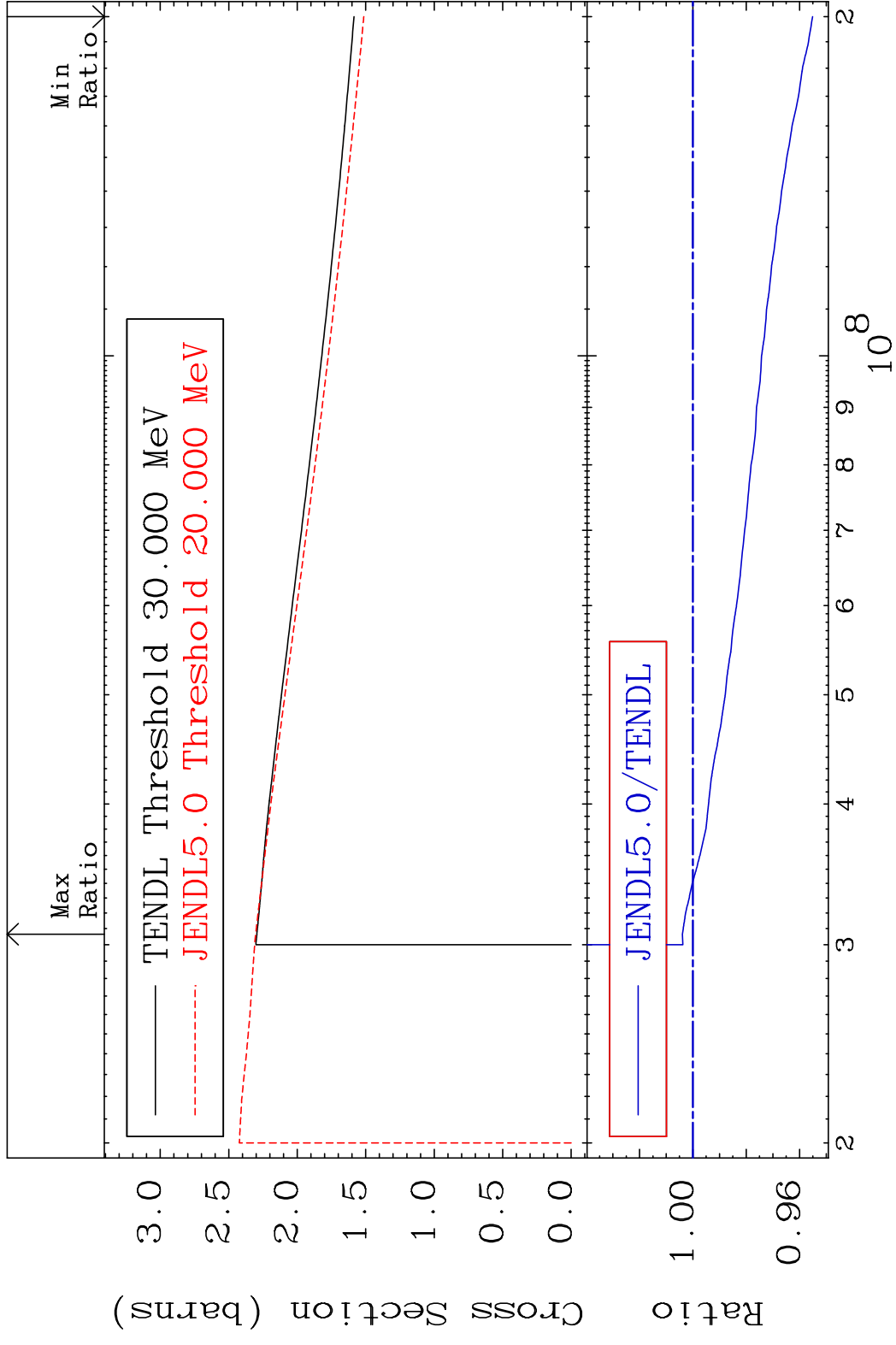
MAT 7523

(n, remainder)

75-Re-184m

Cross Section

-4.488 To 0.394 %

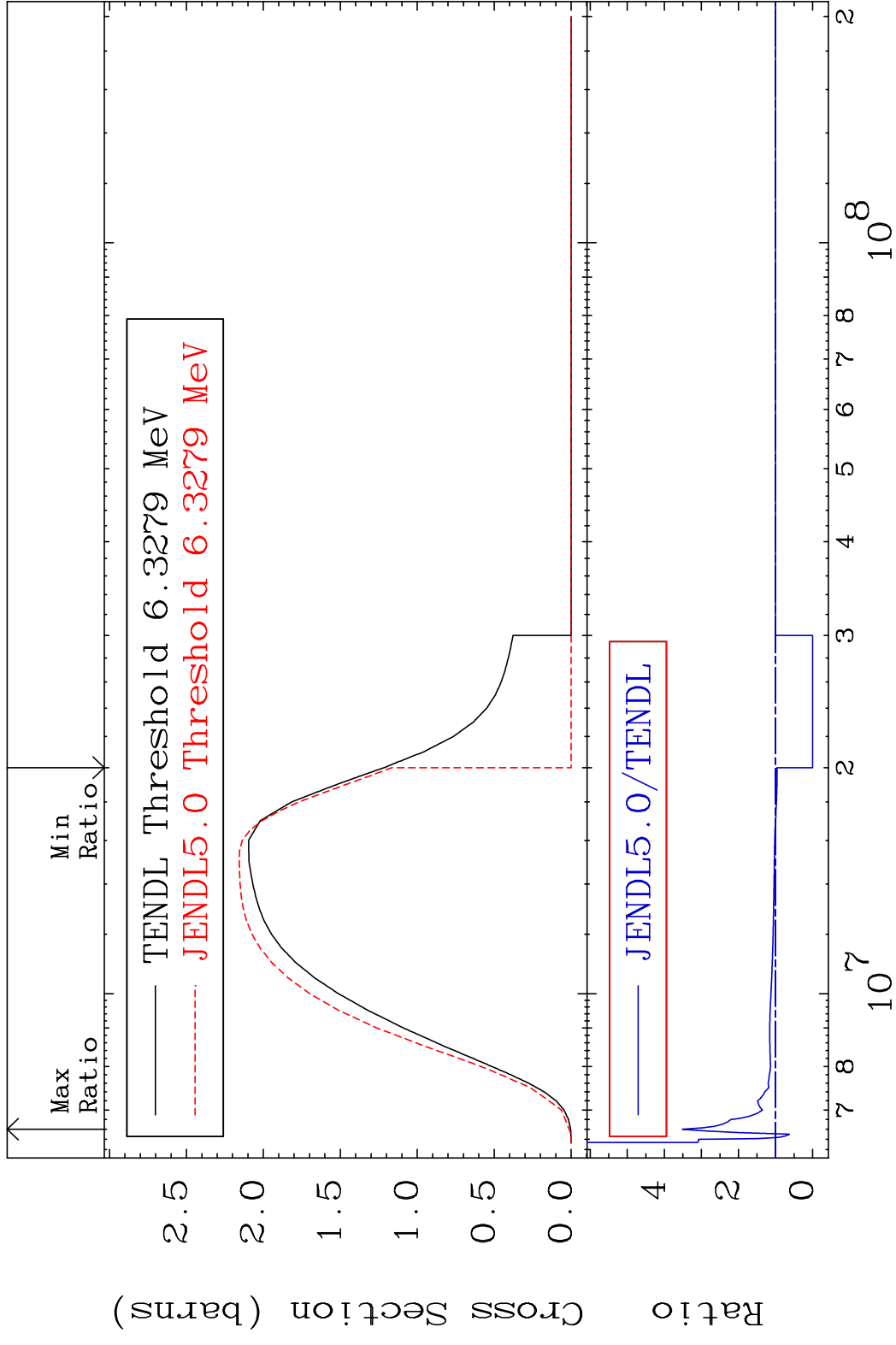


4

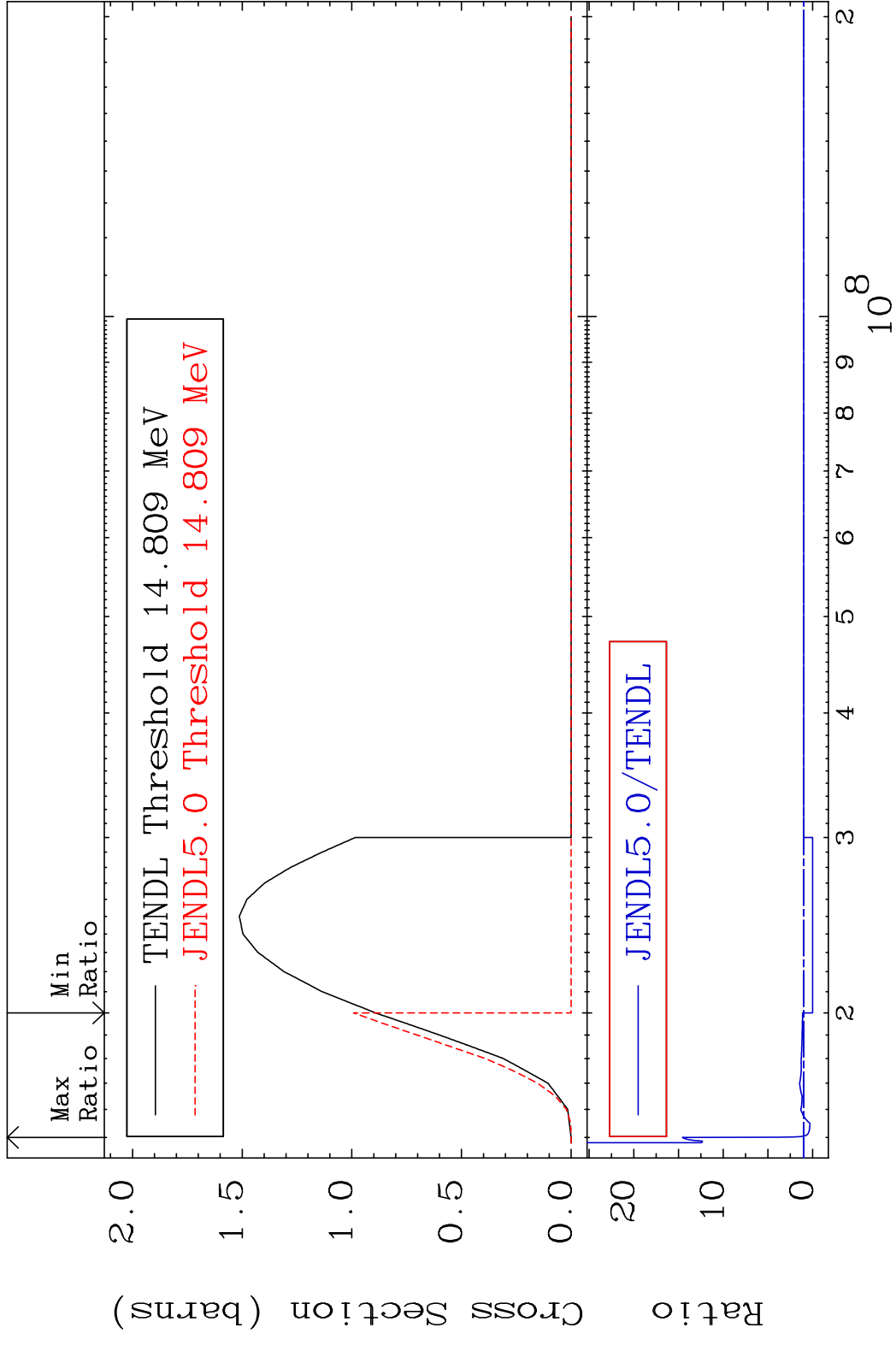
Incident Energy (eV)

75-Re-184m

MAT 7523 (n,2n) 75-Re-184m  
 Cross Section -100.0 To 251.4 %



MAT 7523 (n,3n) 75-Re-184m  
 Cross Section -100.0 To 1356. %

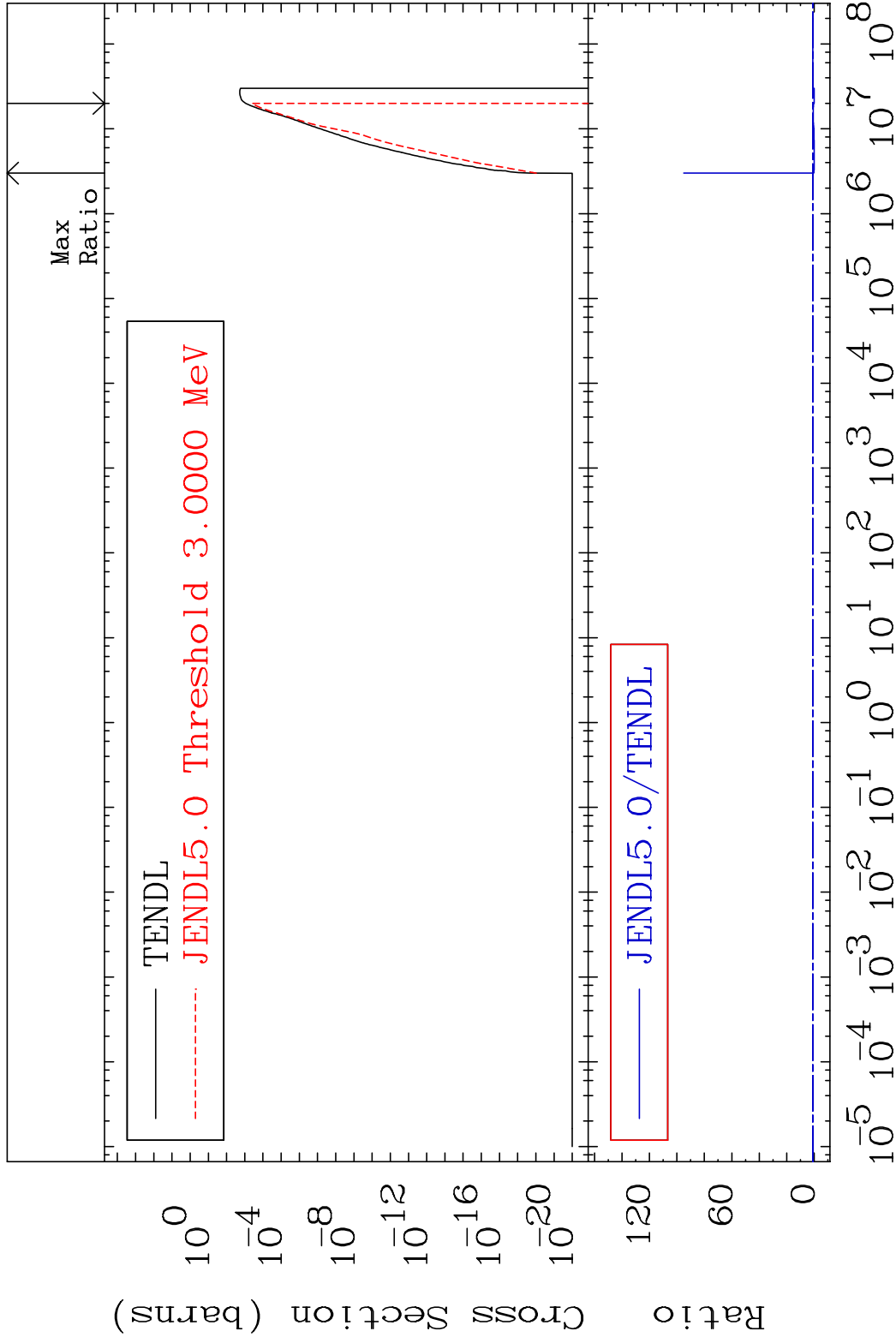


MAT 7523

(n, n')  $\alpha$

75-Re-184m

Cross Section -100.0 To 9409. %



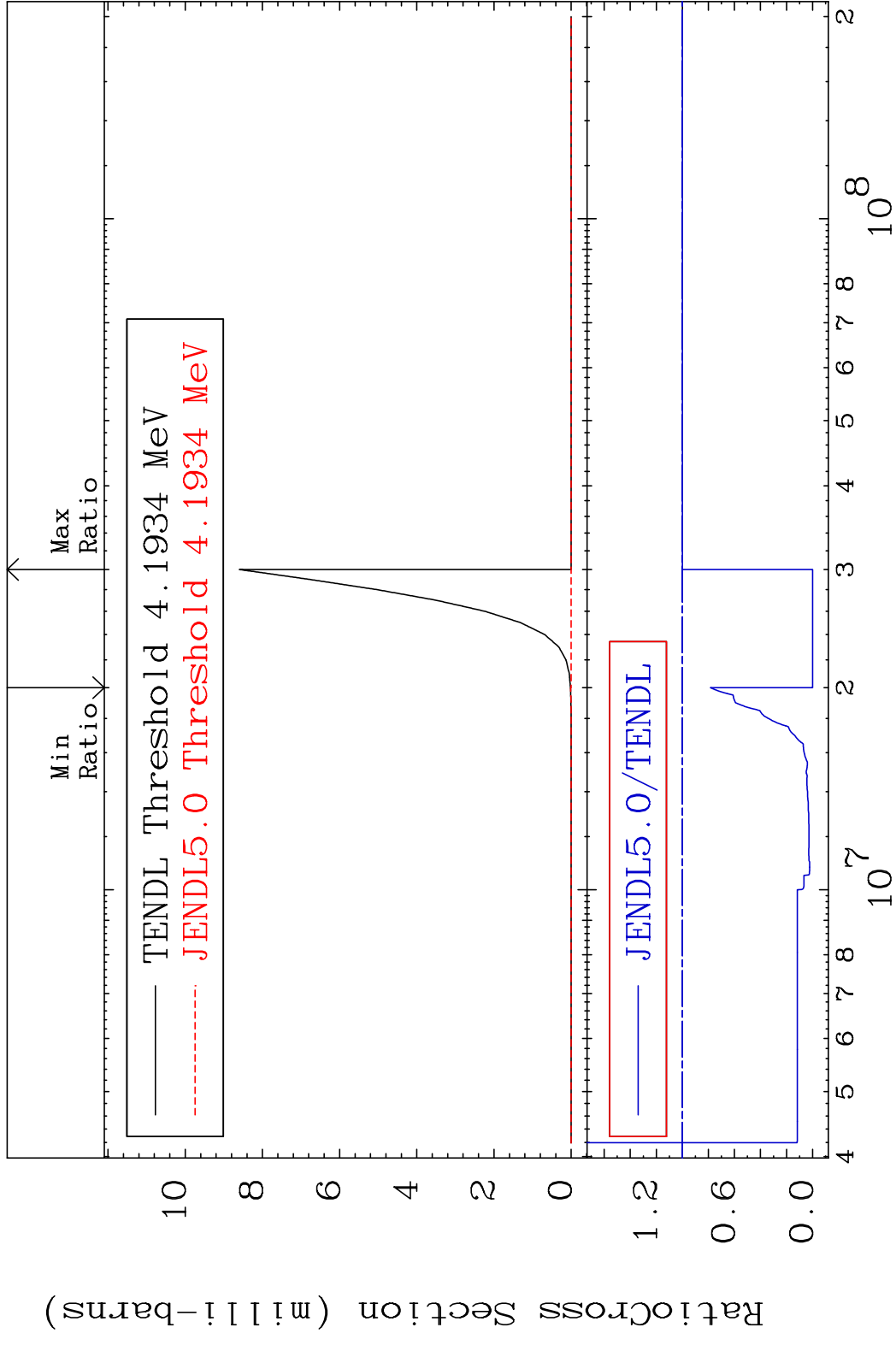
7

Incident Energy (eV)

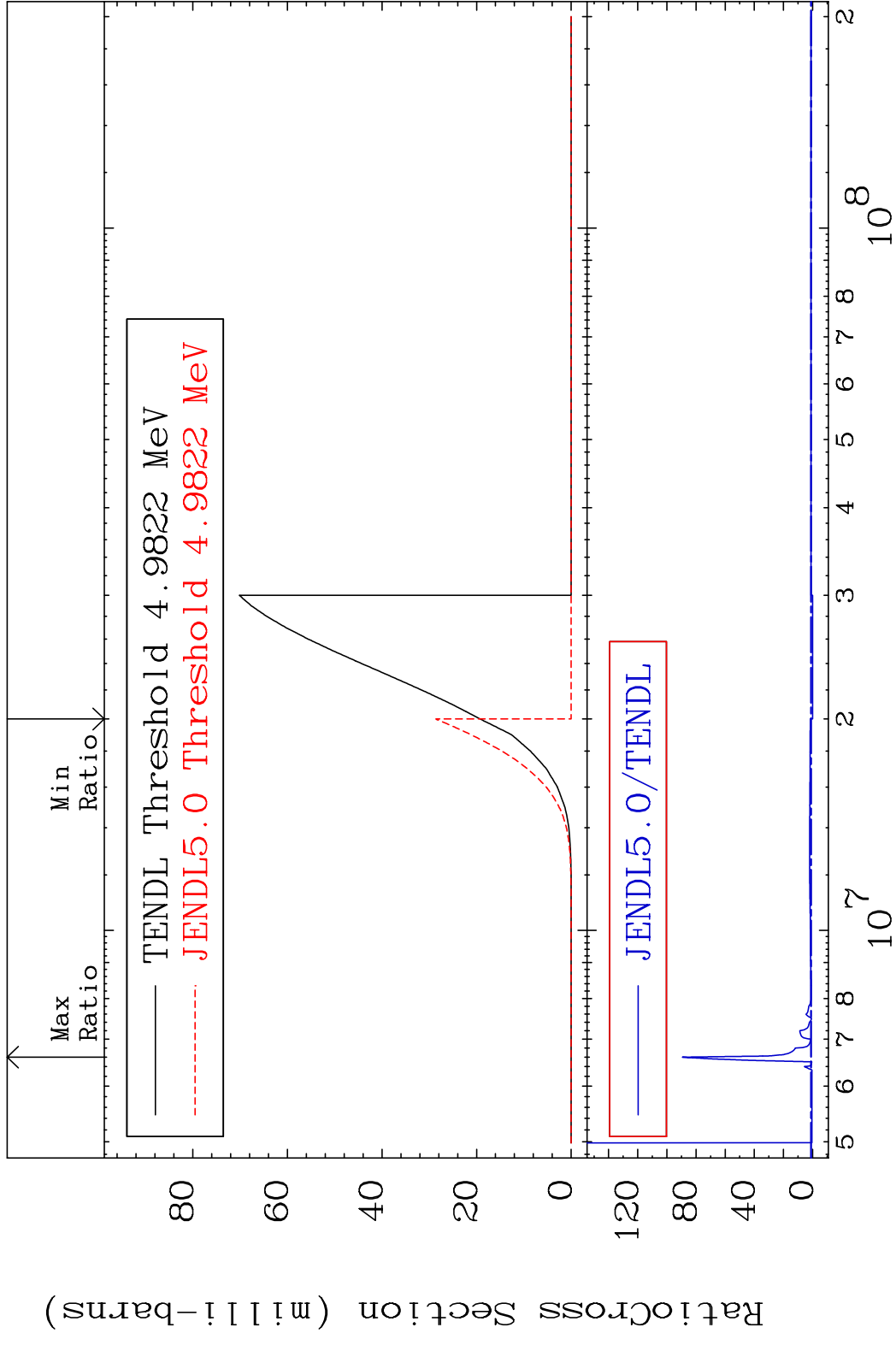
75-Re-184m



MAT 7523 (n,2n)  $\alpha$  75-Re-184m  
 Cross Section -100.0 To 0.000 %



MAT 7523 (n, n') p 75-Re-184m  
 Cross Section -100.0 To 8838. %

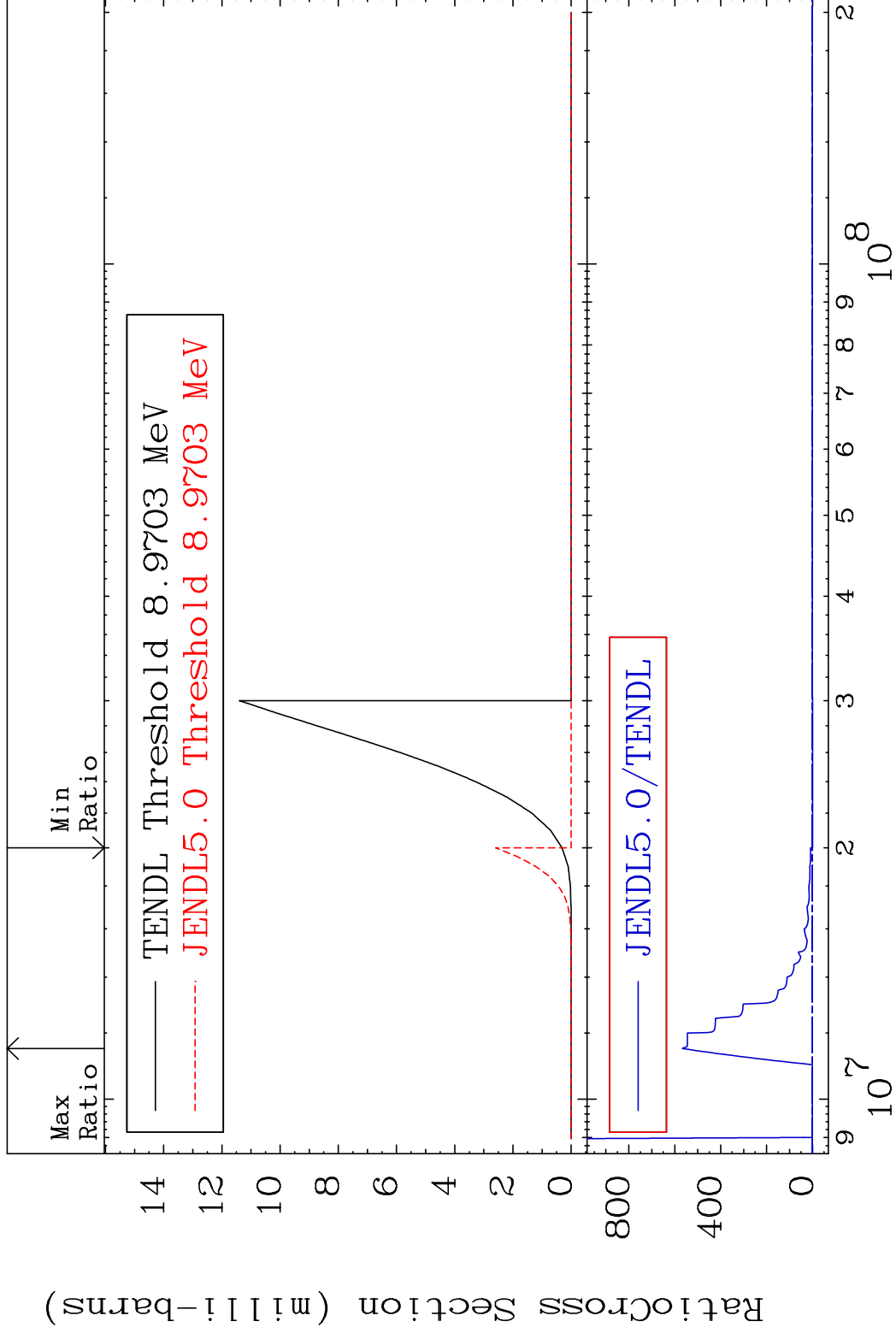


MAT 7523

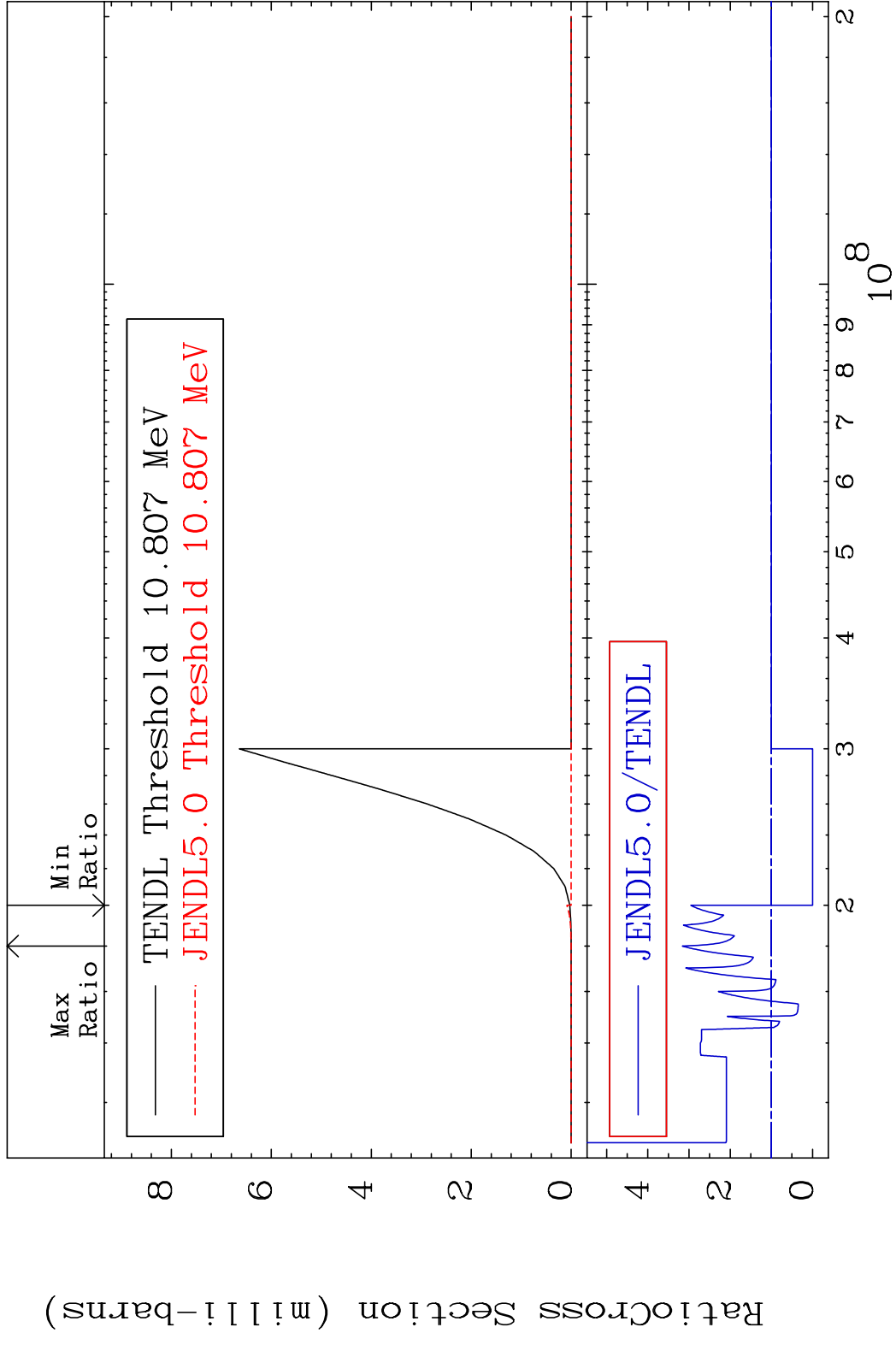
(n, n') d

75-Re-184m

Cross Section -100.0 To 9999. %



MAT 7523 (n, n') t 75-Re-184m  
 Cross Section -100.0 To 216.1 %

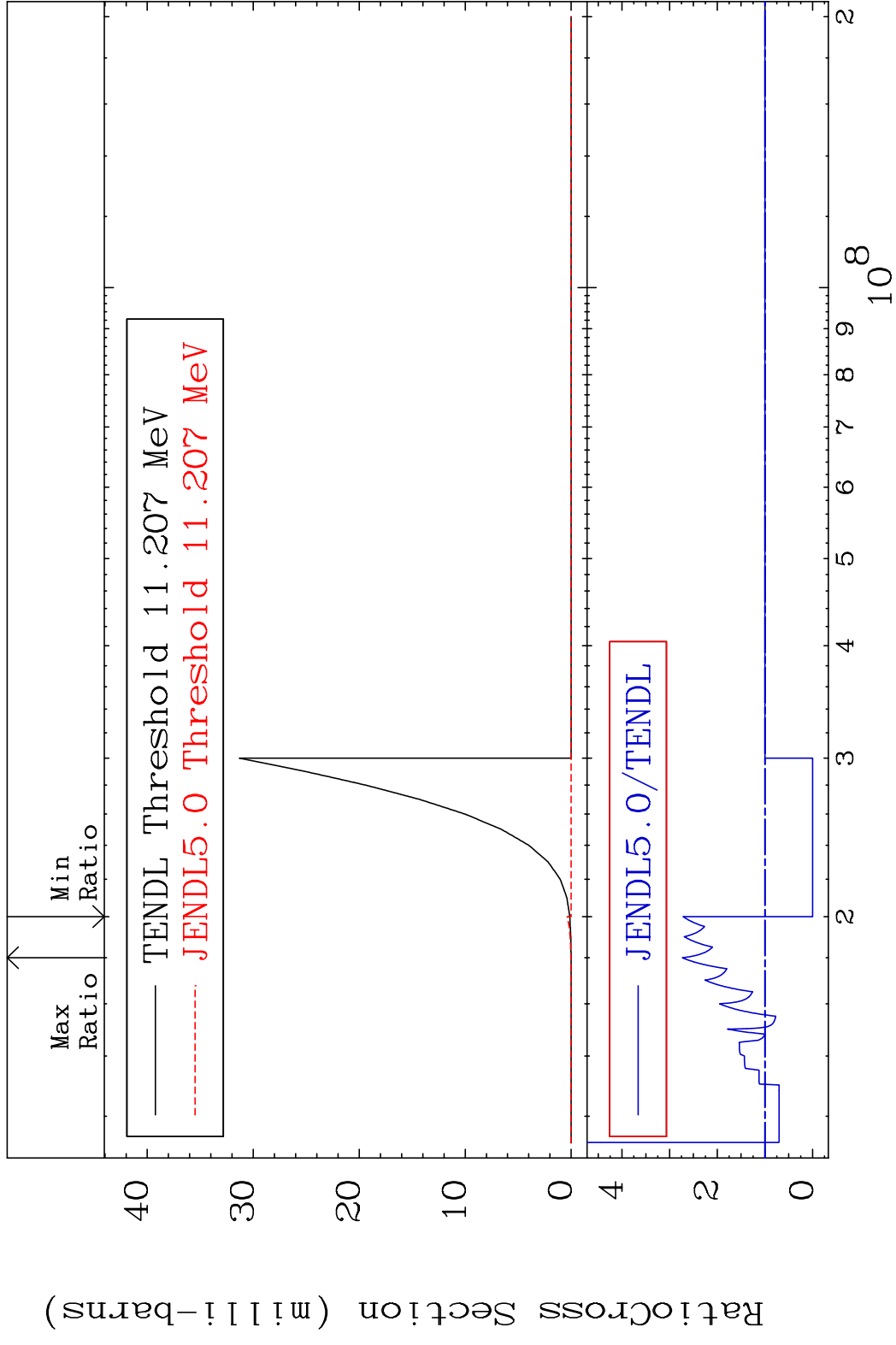


MAT 7523

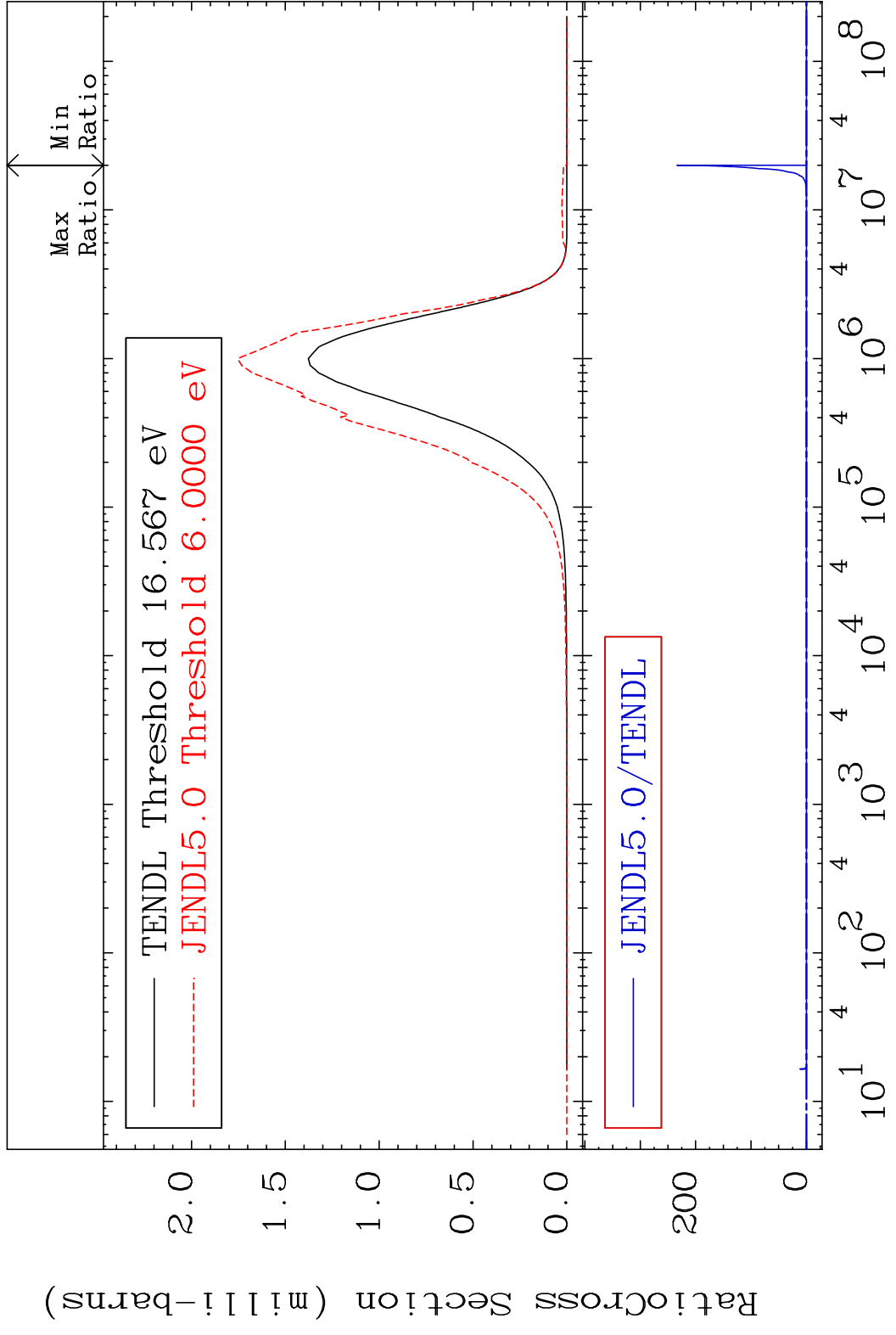
(n,2n) p

75-Re-184m

Cross Section -100.0 To 173.3 %

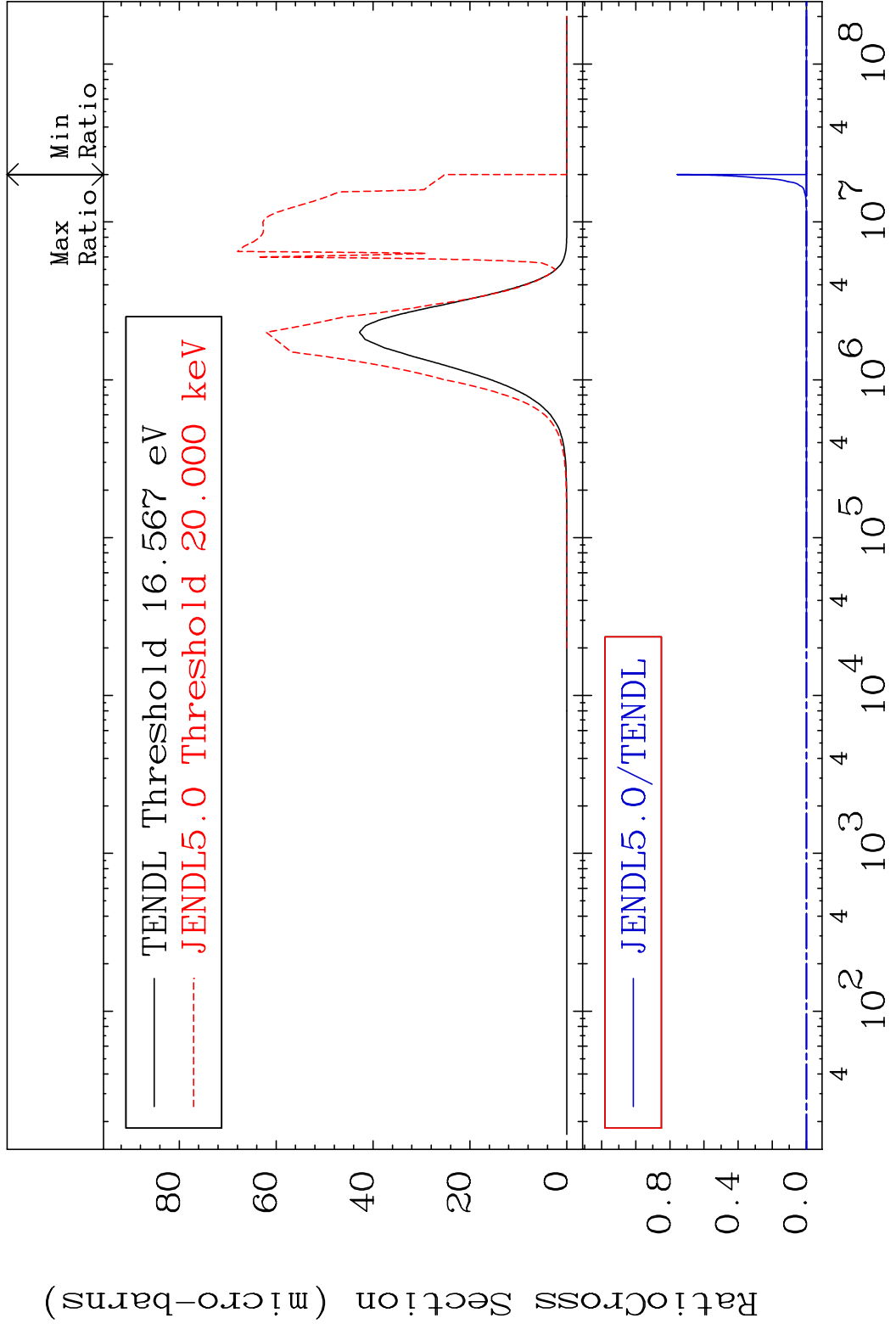


MAT 7523 MT= 51 (n,n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %

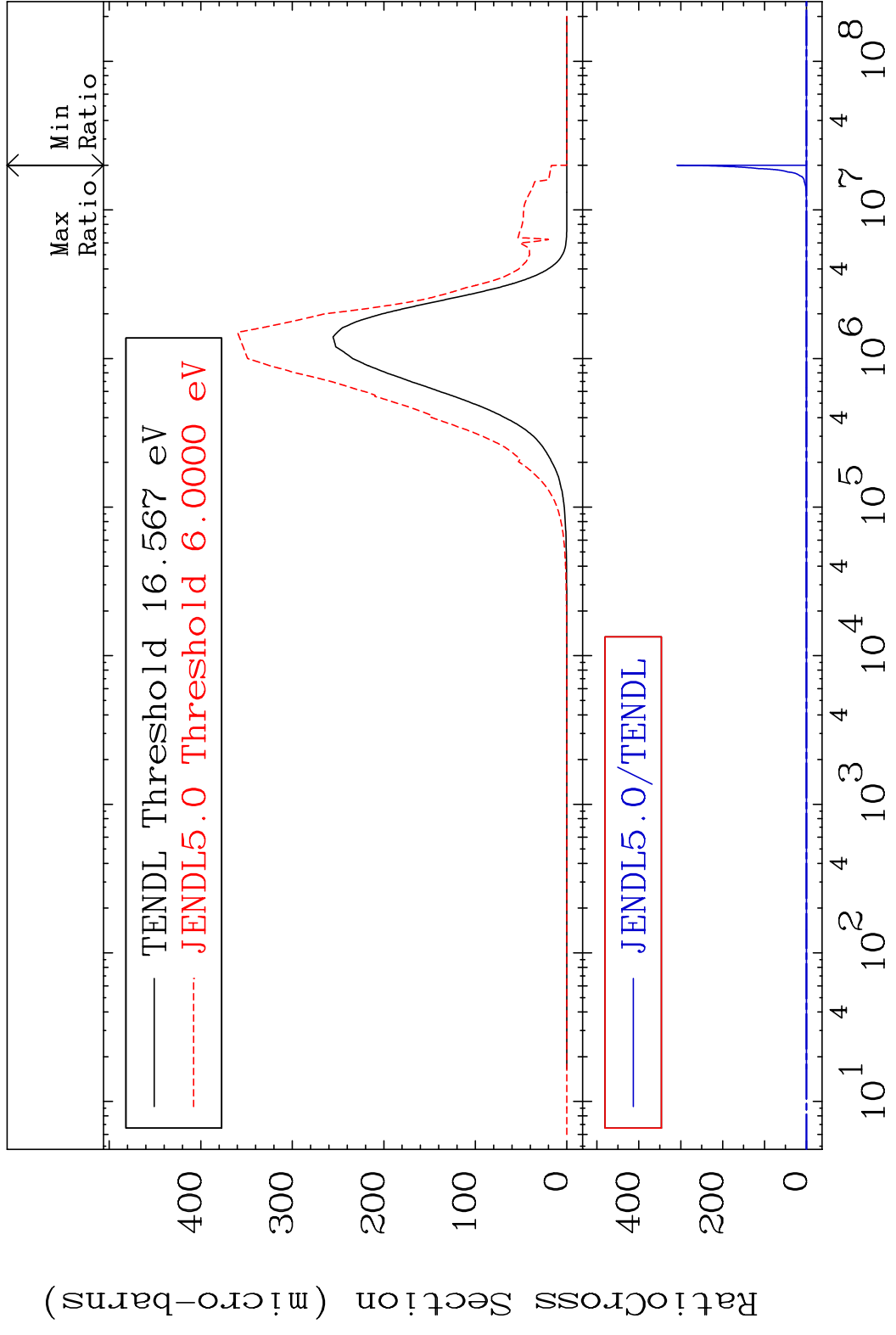


13 Incident Energy (eV) 75-Re-184m

MAT 7523 MT= 52 (n,n') Level 75-Re-184m  
Cross Section -100.0 To 9999. %



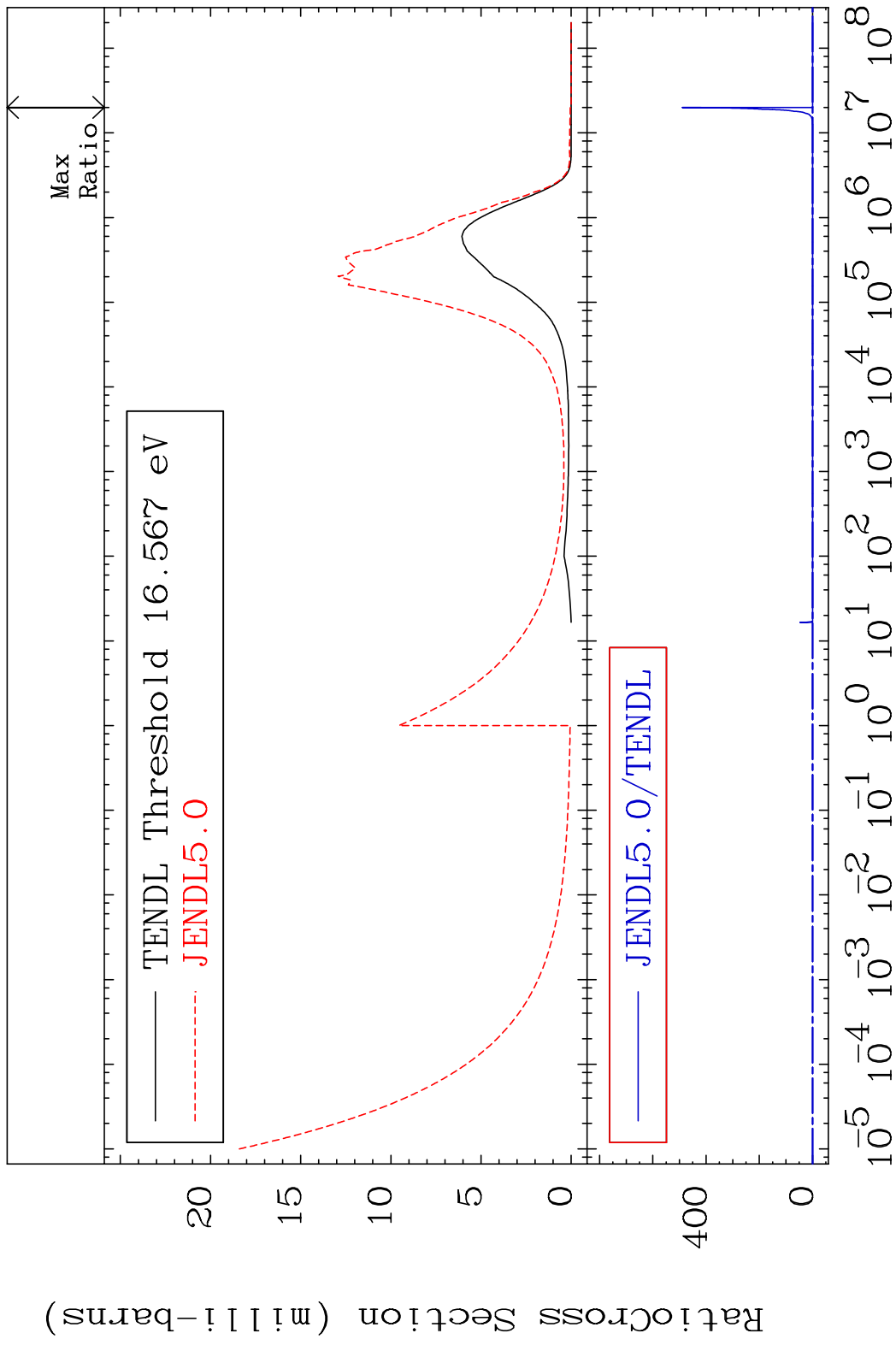
MAT 7523 MT= 53 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



15 Incident Energy (eV) 75-Re-184m

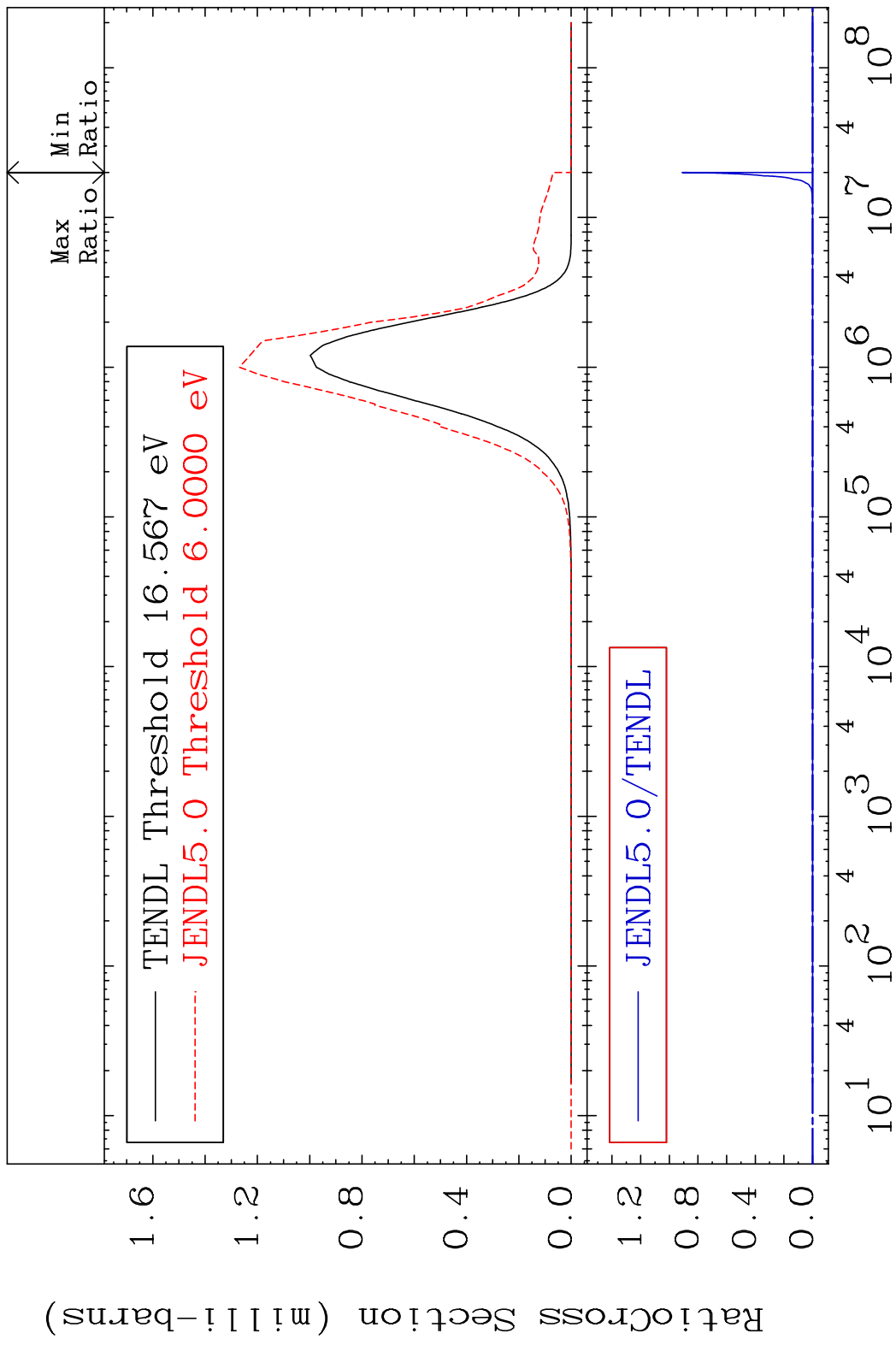


MAT 7523 MT= 54 (n,n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



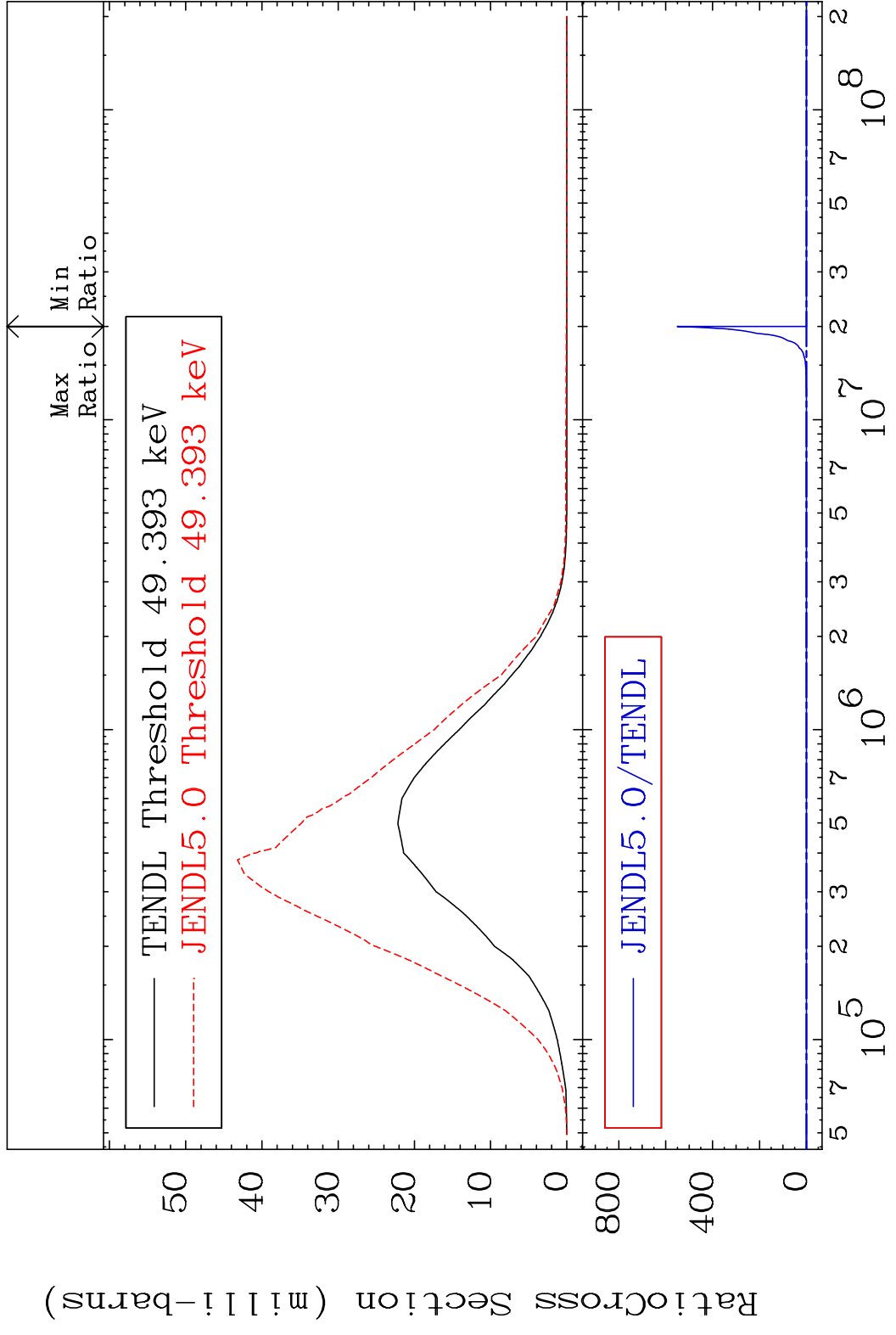
16 Incident Energy (eV) 75-Re-184m

MAT 7523 MT= 55 (n,n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %

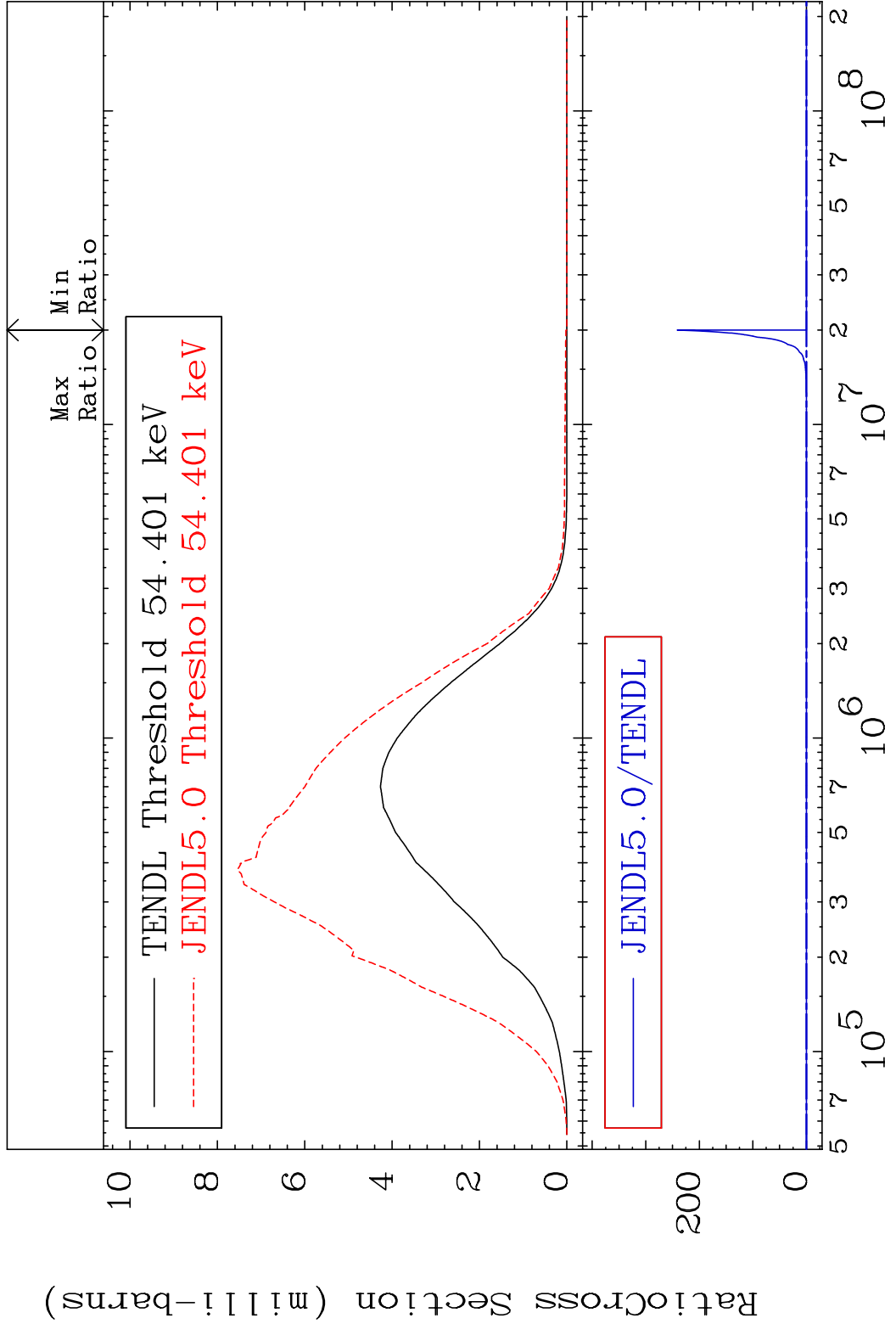


17 Incident Energy (eV) 75-Re-184m

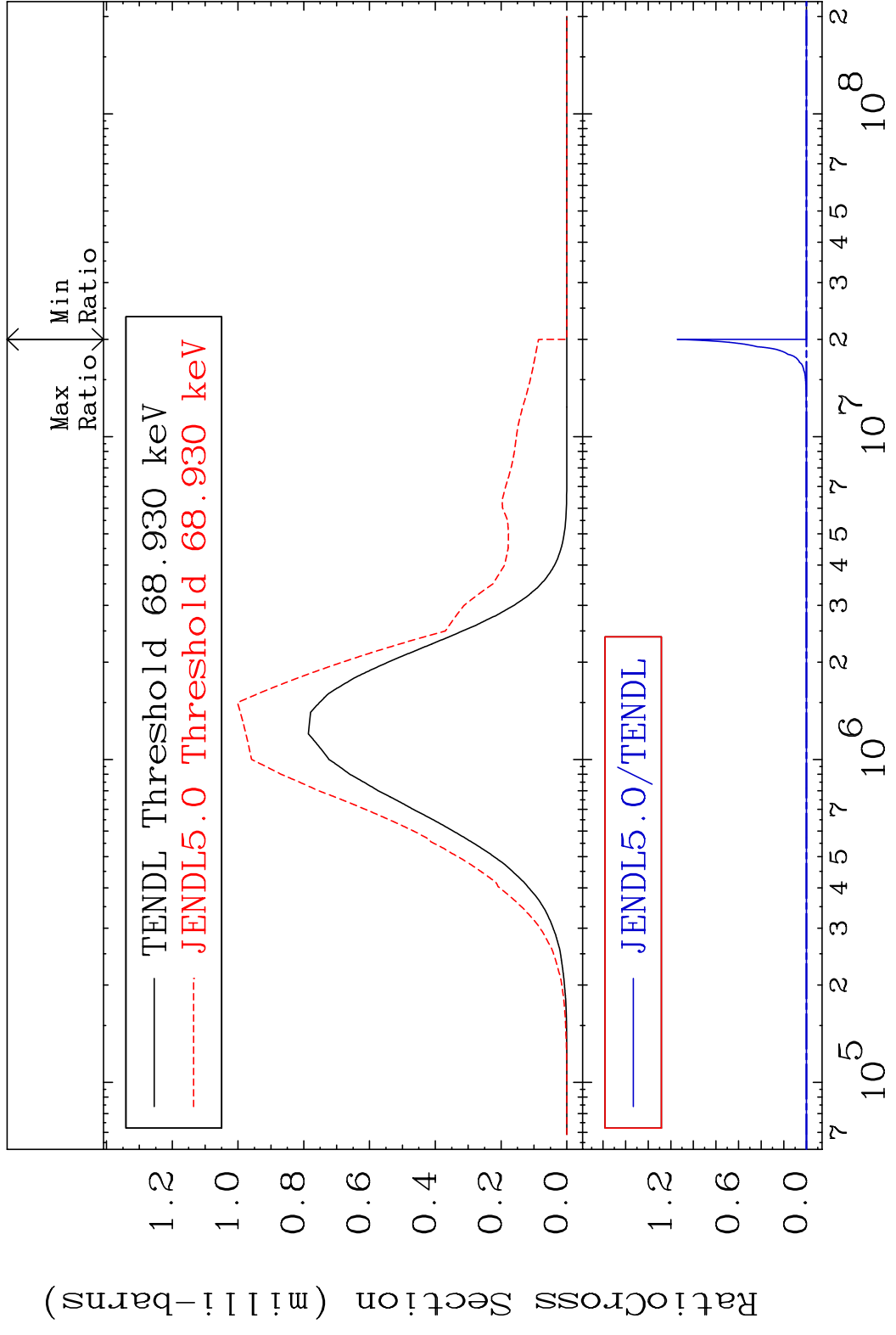
MAT 7523 MT= 56 (n,n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



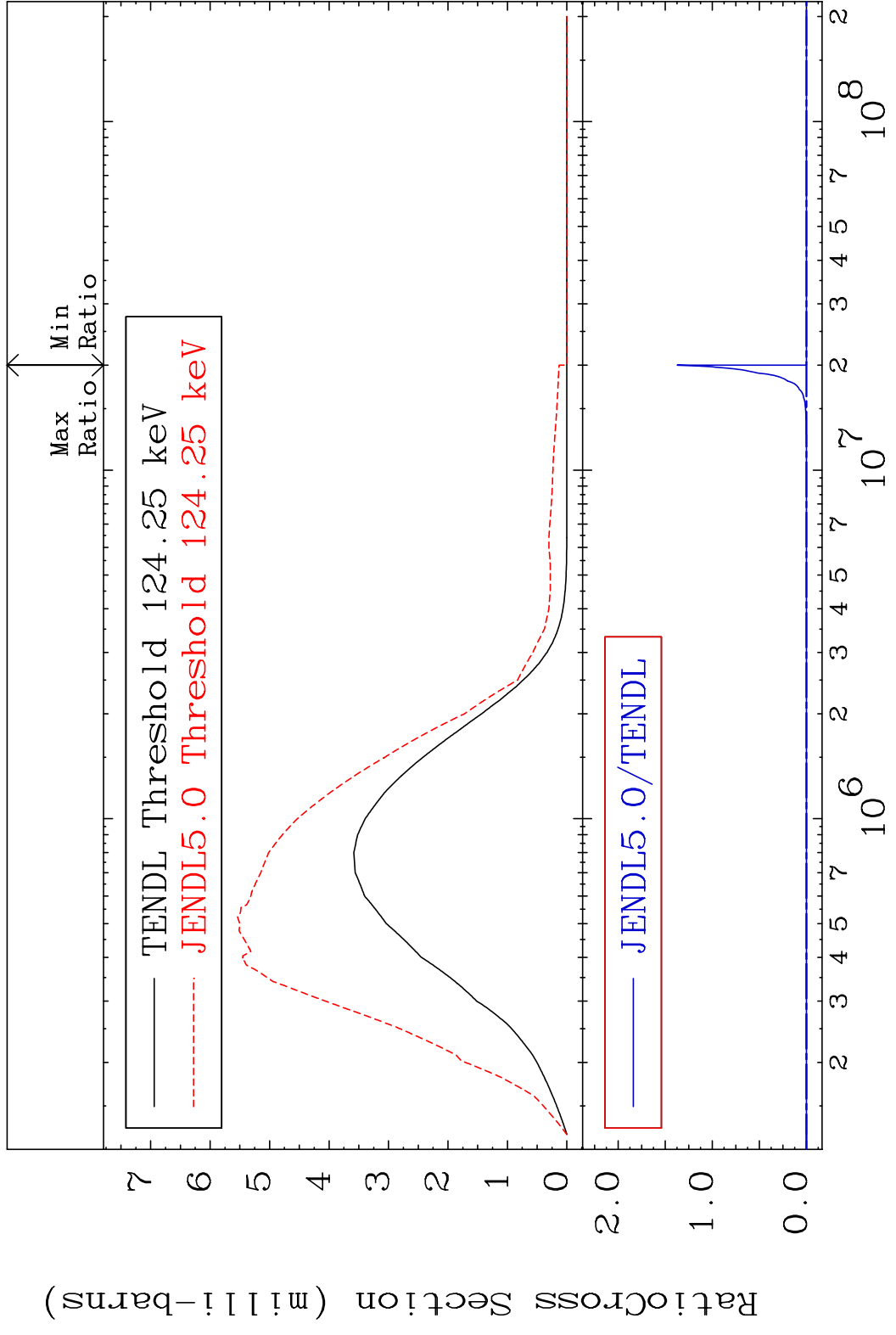
MAT 7523 MT= 57 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



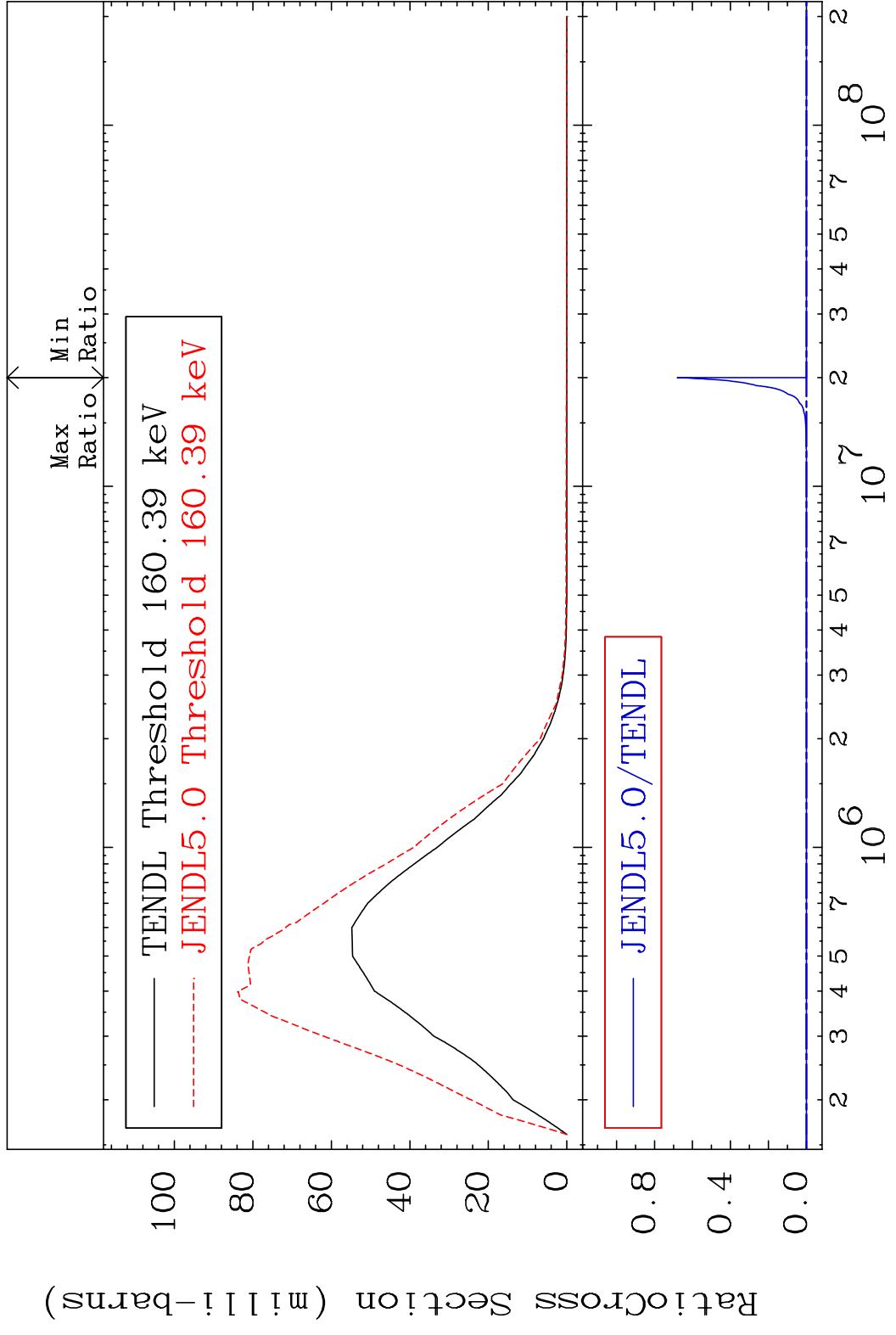
MAT 7523 MT= 58 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



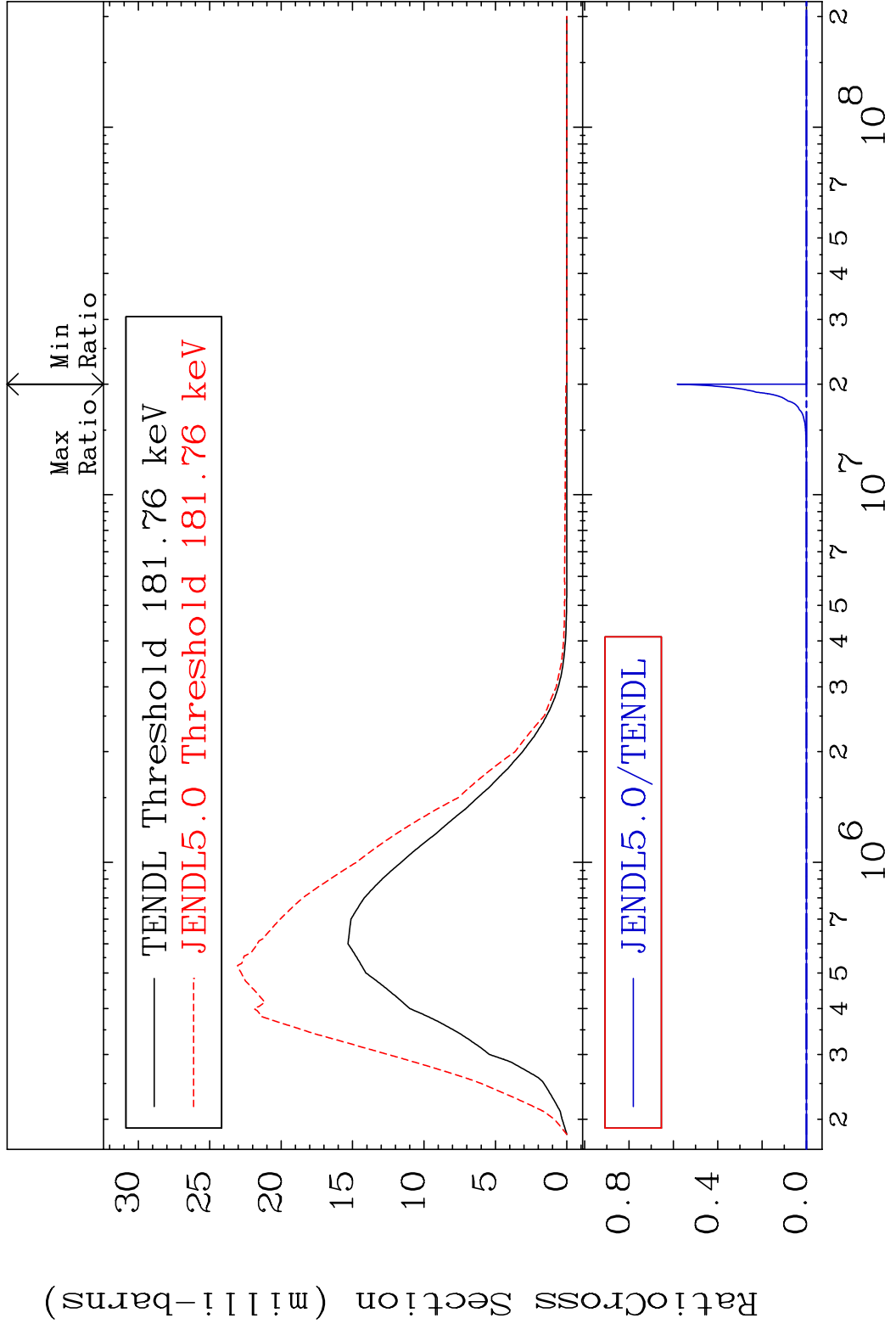
MAT 7523 MT= 59 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



MAT 7523 MT= 60 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %

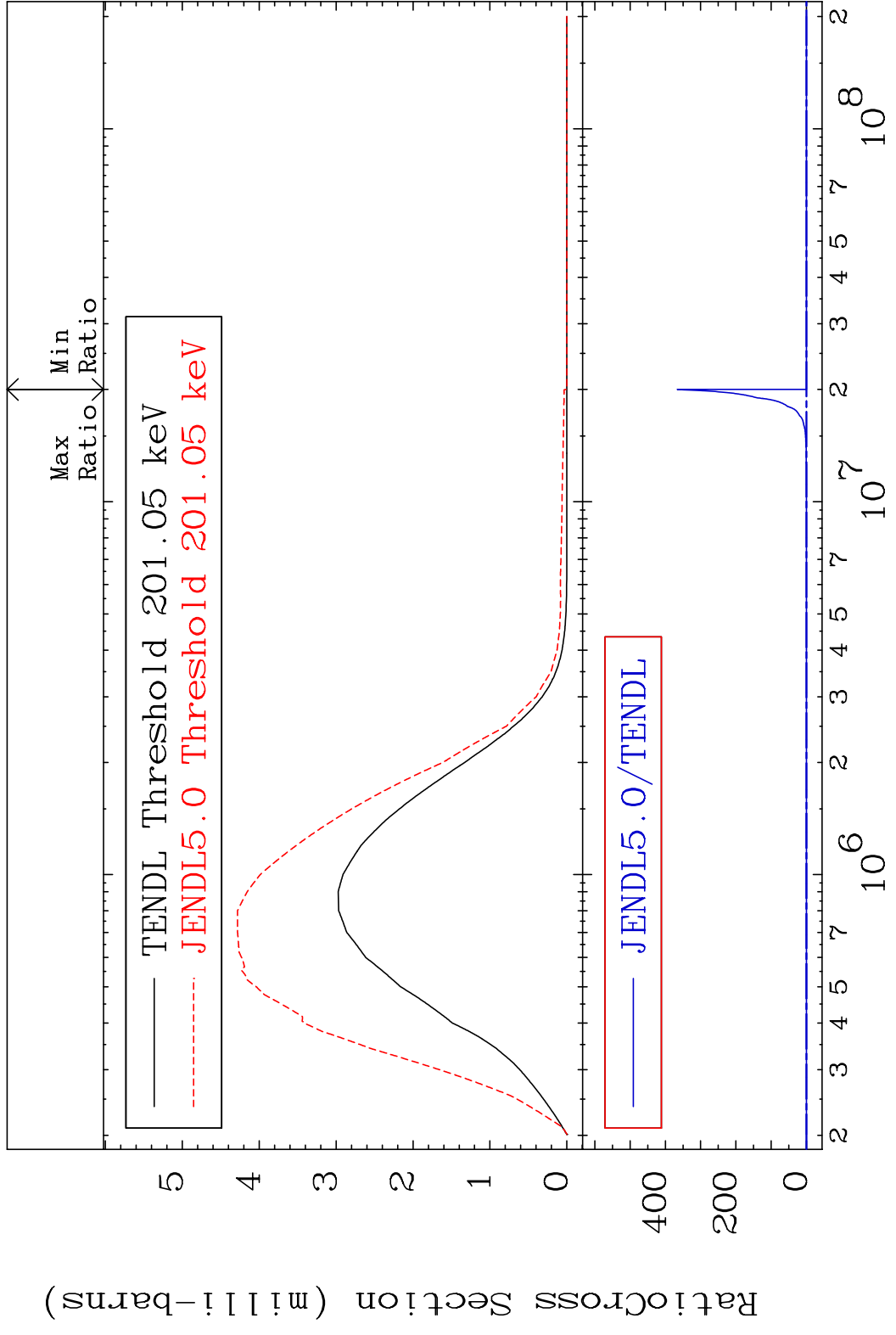


MAT 7523 MT= 61 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %

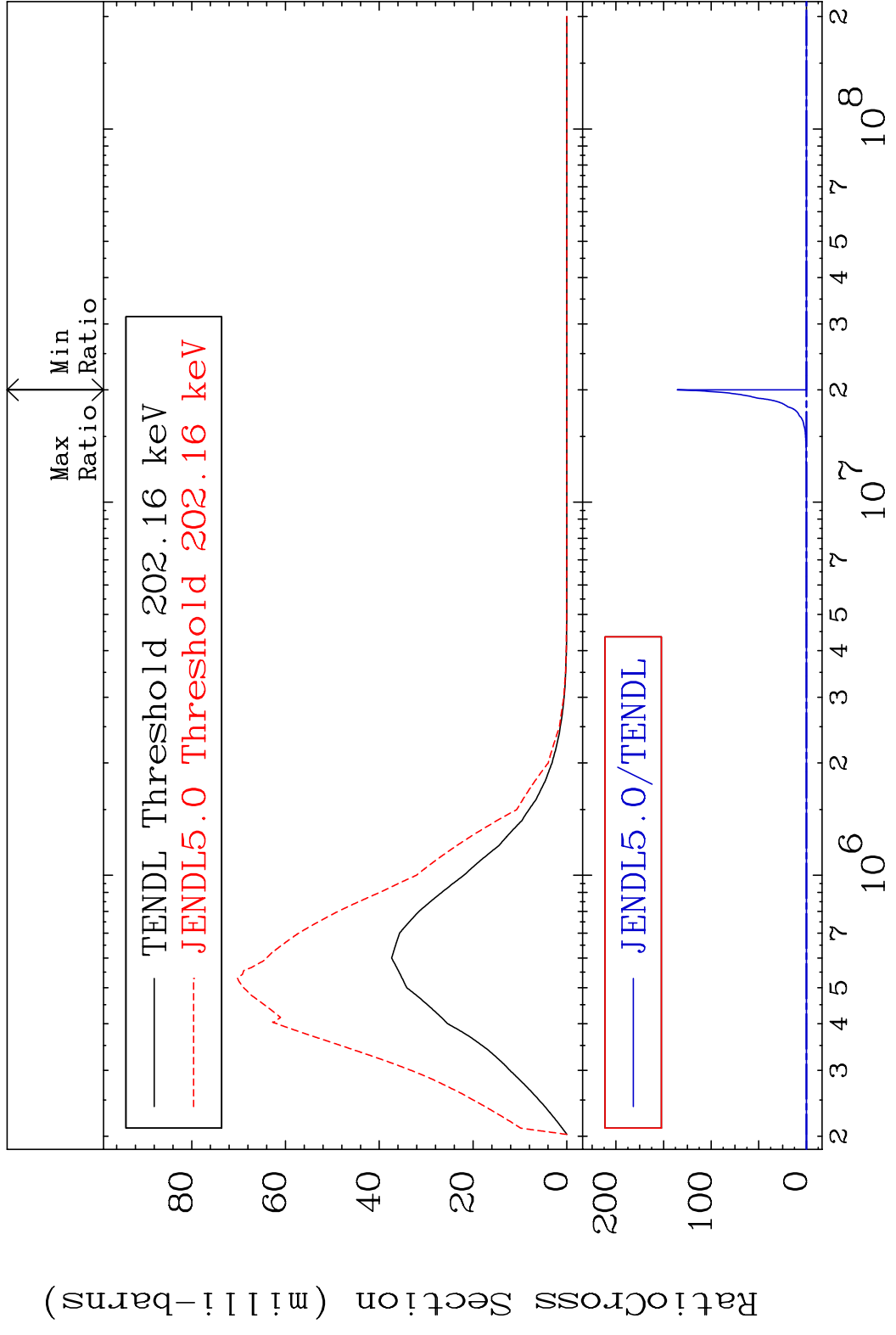




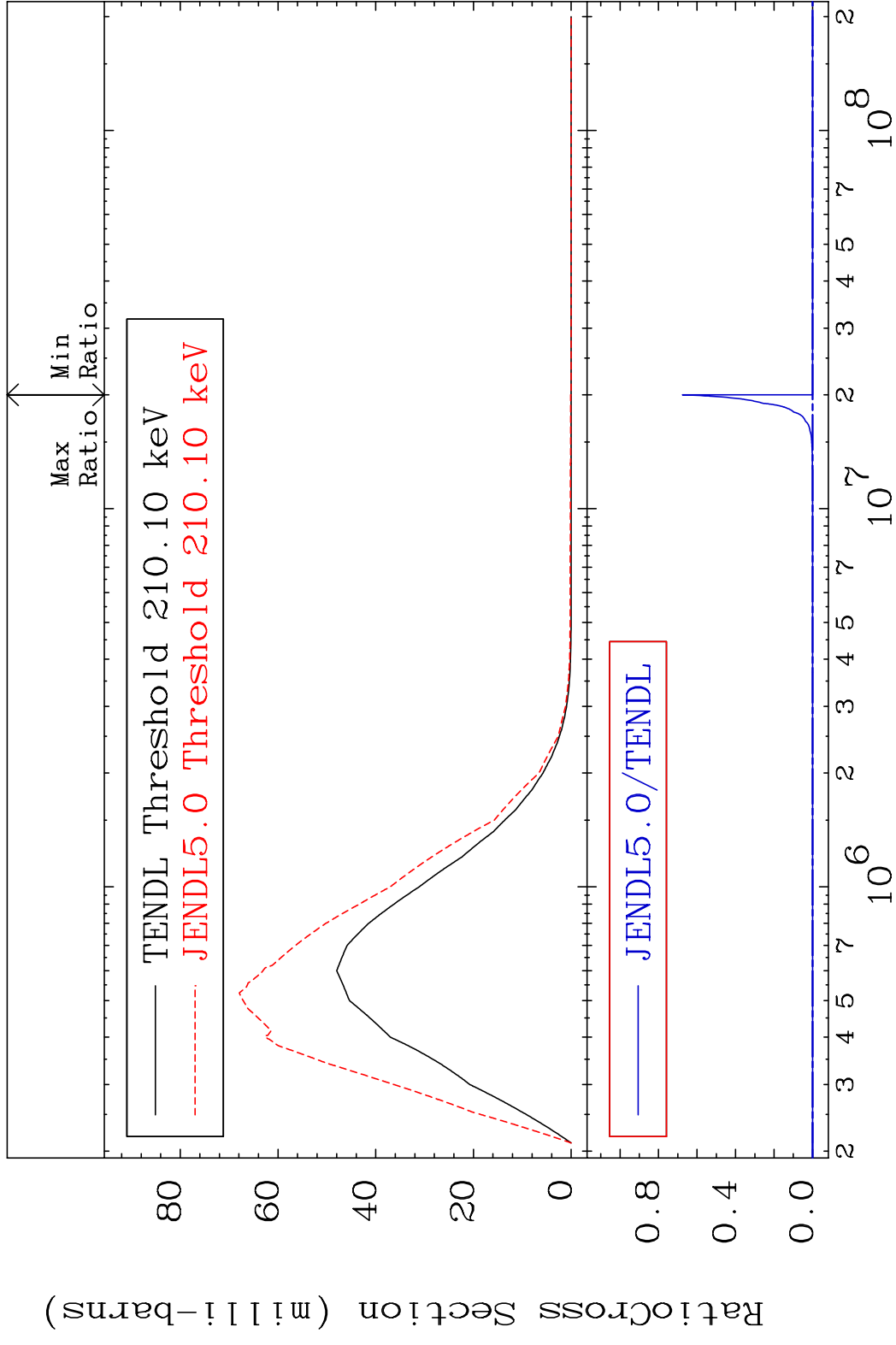
MAT 7523      MT= 62 (n, n')      Level      75-Re-184m  
 Cross Section      -100.0 To 9999. %



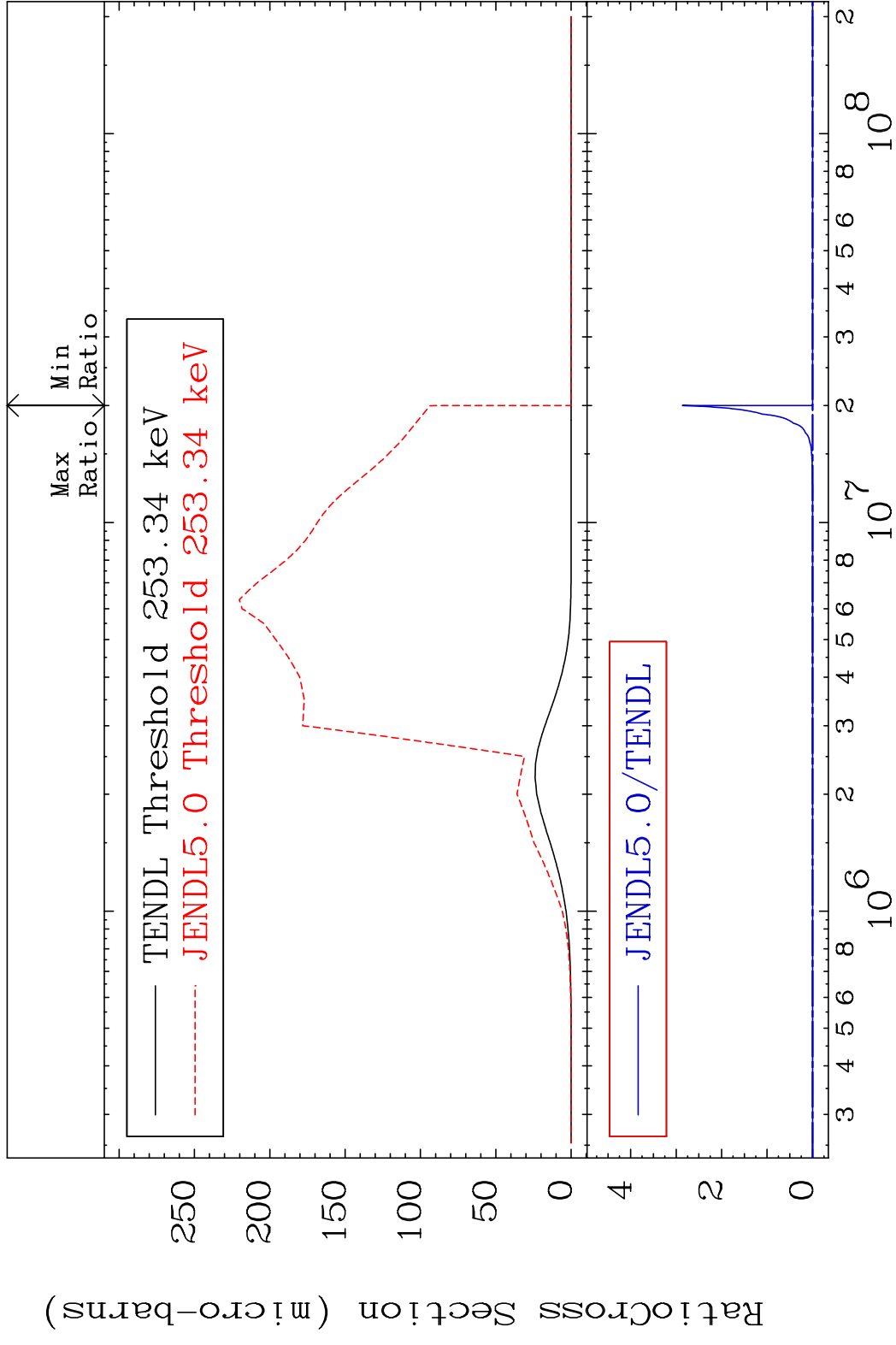
MAT 7523 MT= 63 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



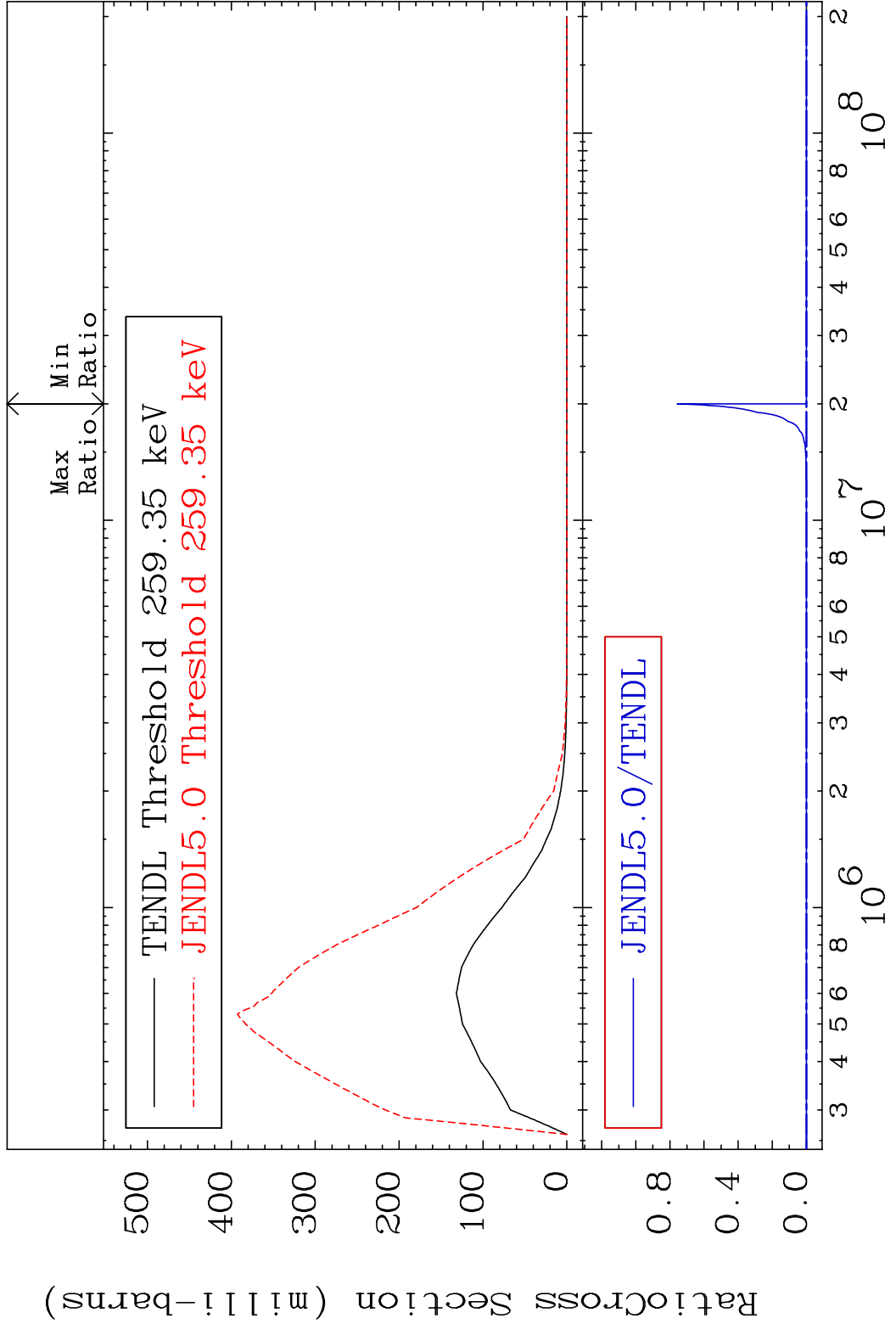
MAT 7523 MT= 64 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



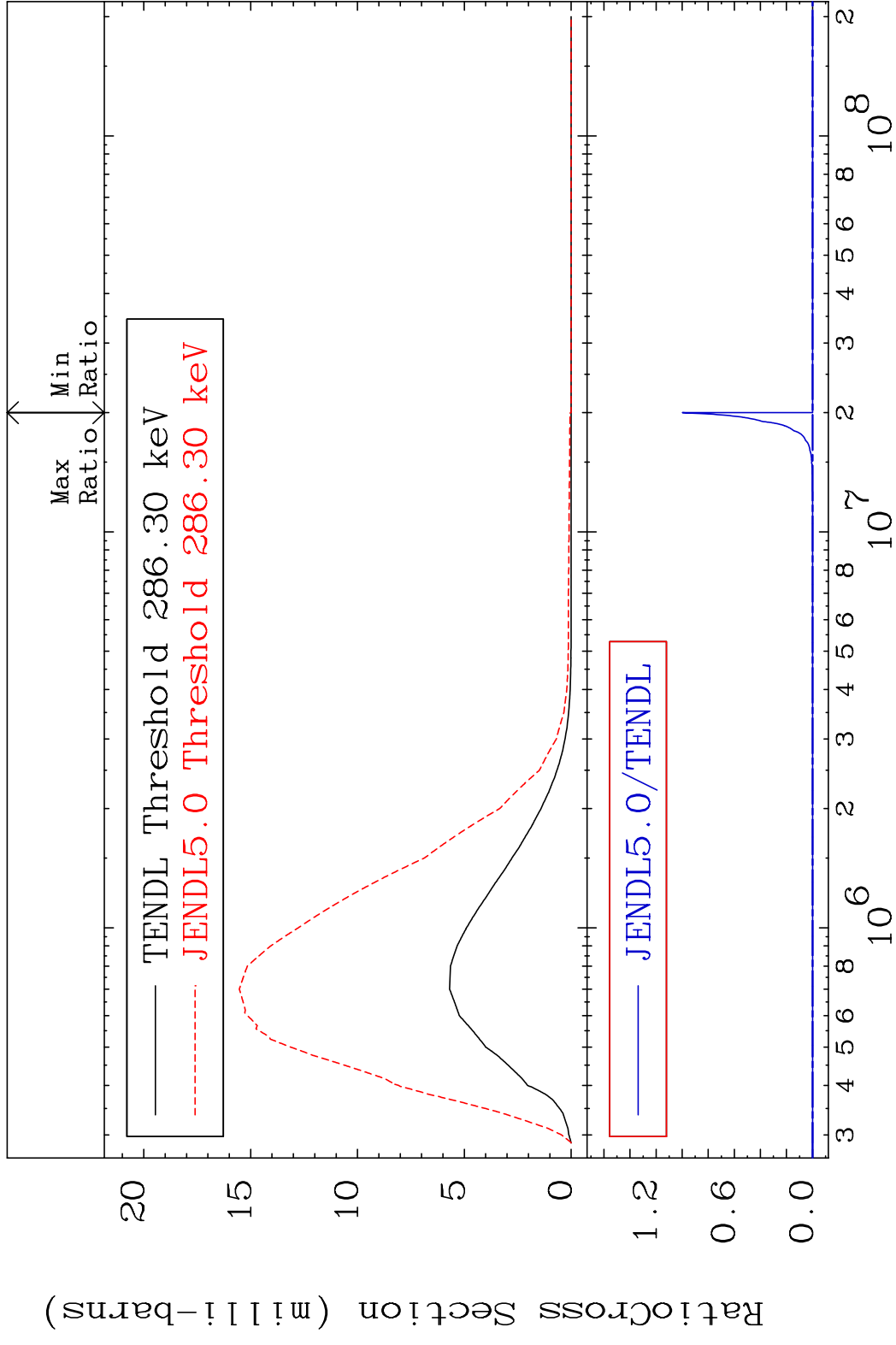
MAT 7523 MT= 65 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



MAT 7523 MT= 66 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %

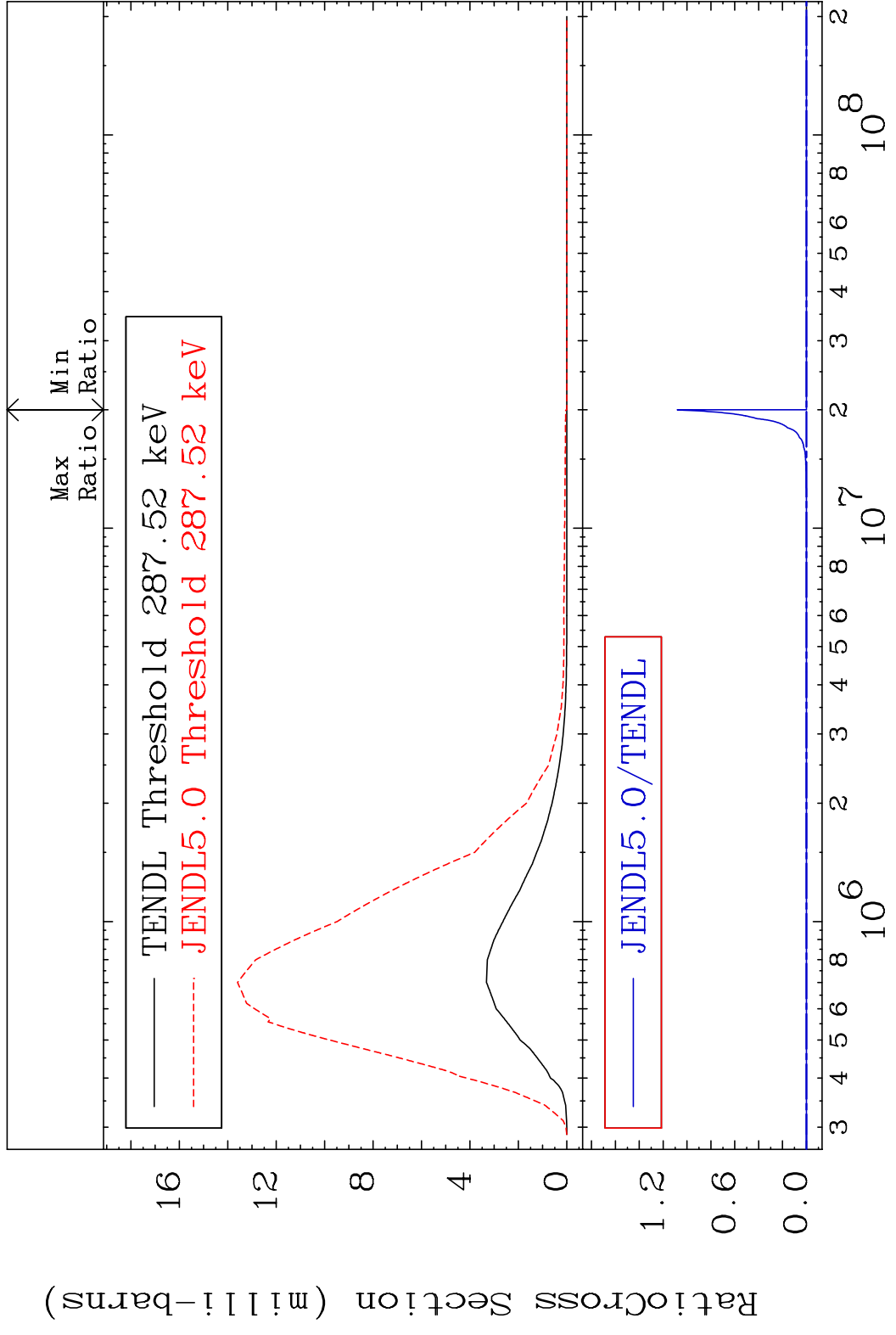


MAT 7523 MT= 67 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %

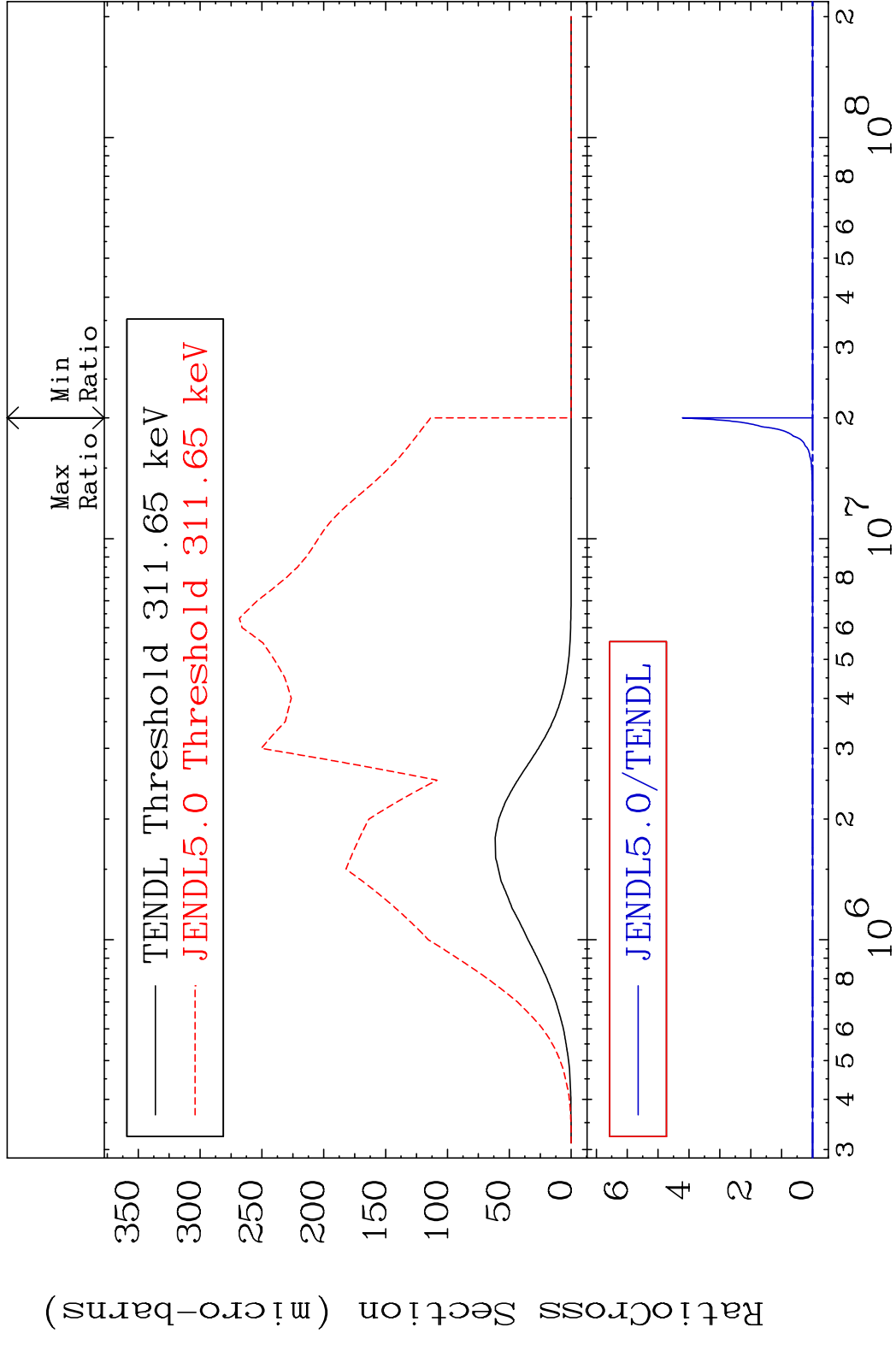


29 Incident Energy (eV) 75-Re-184m

MAT 7523 MT= 68 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %

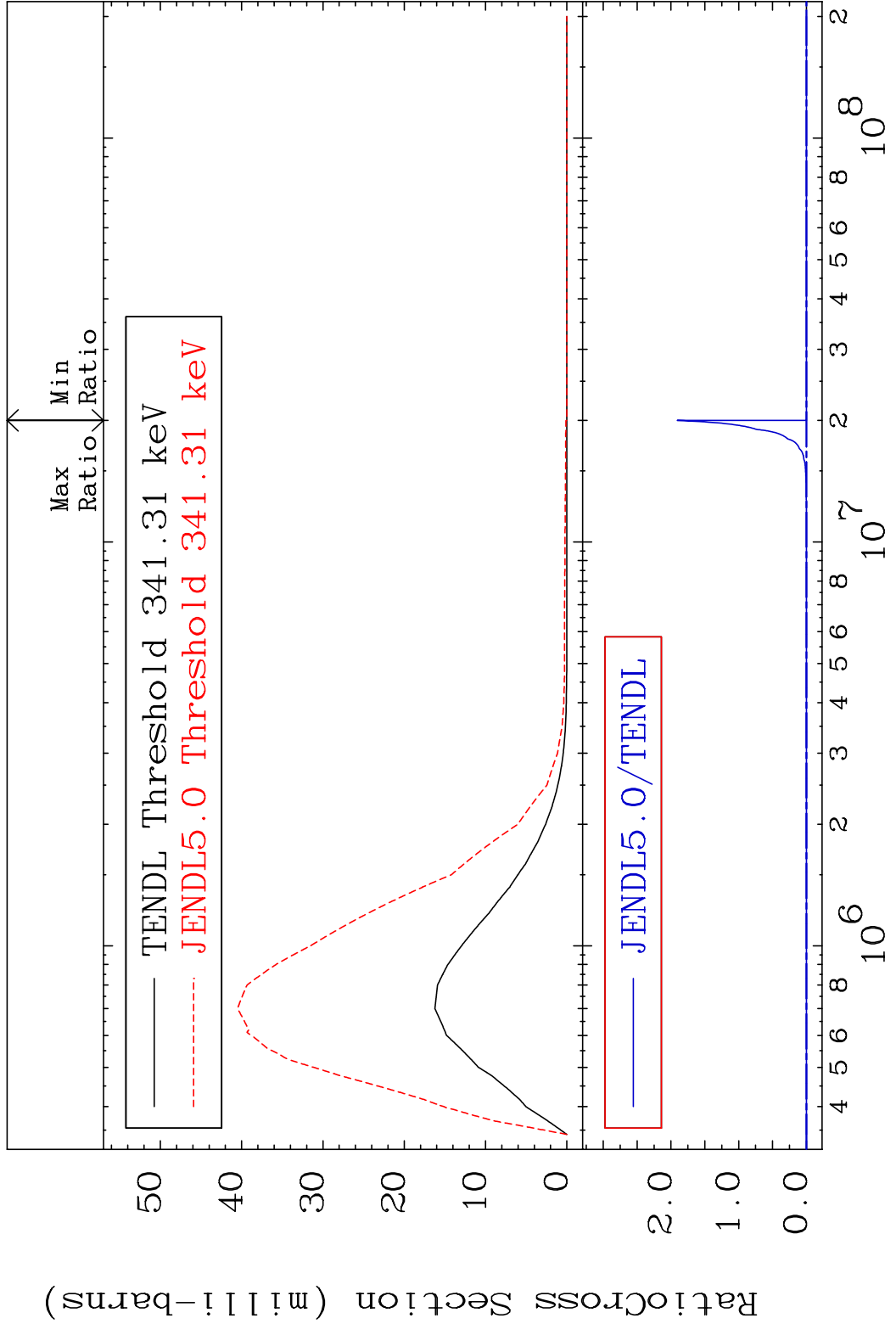


MAT 7523 MT= 69 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %

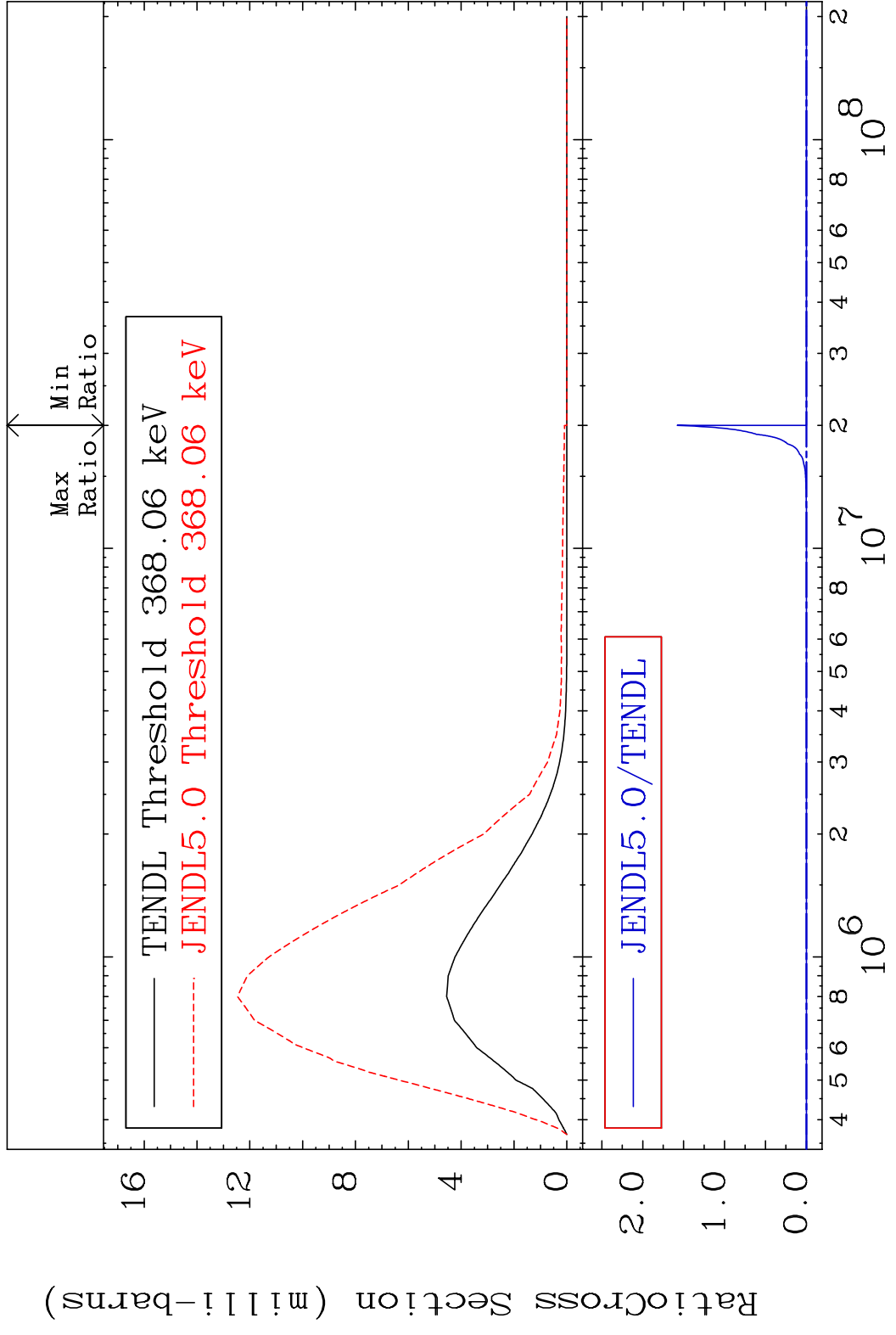




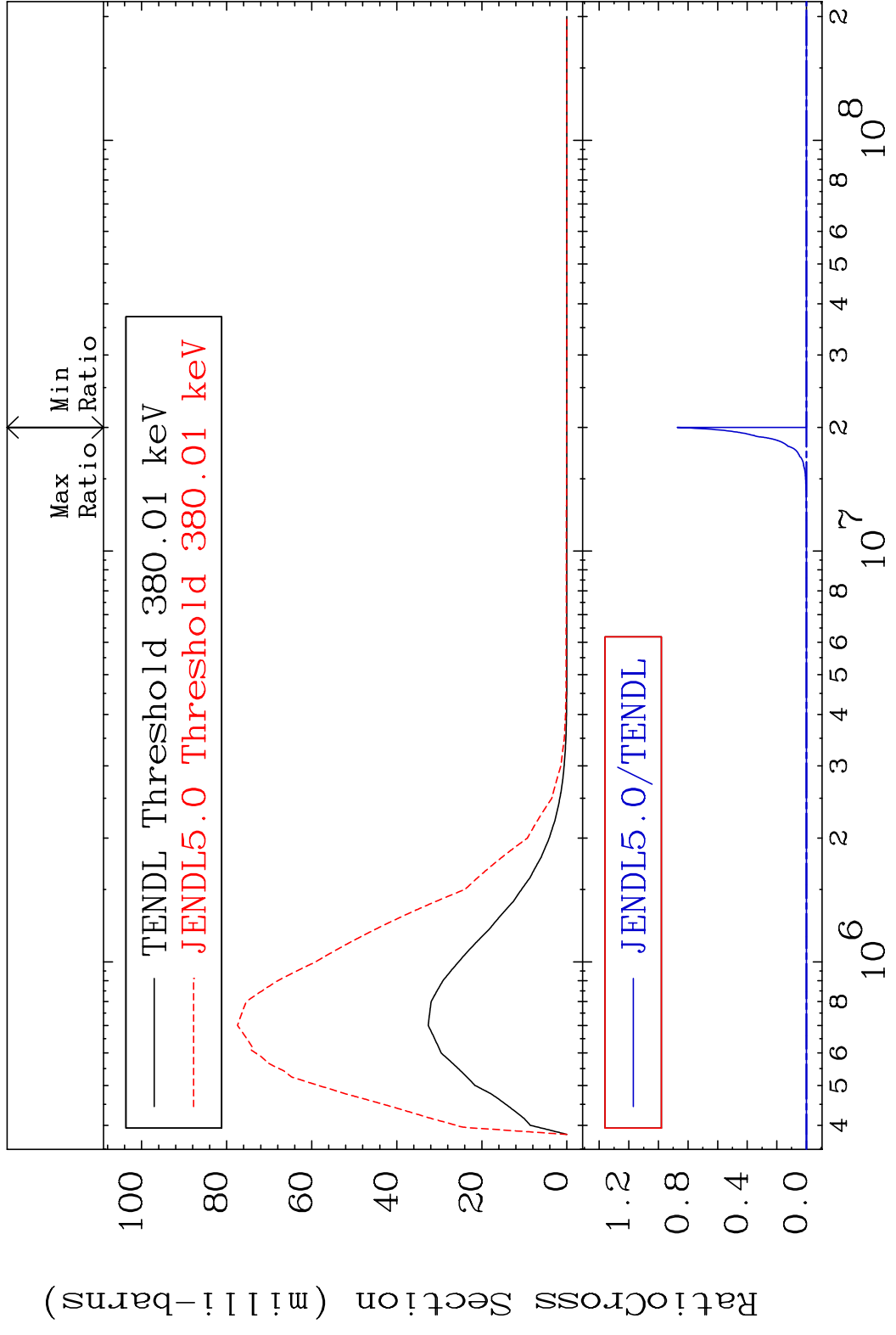
MAT 7523 MT= 70 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



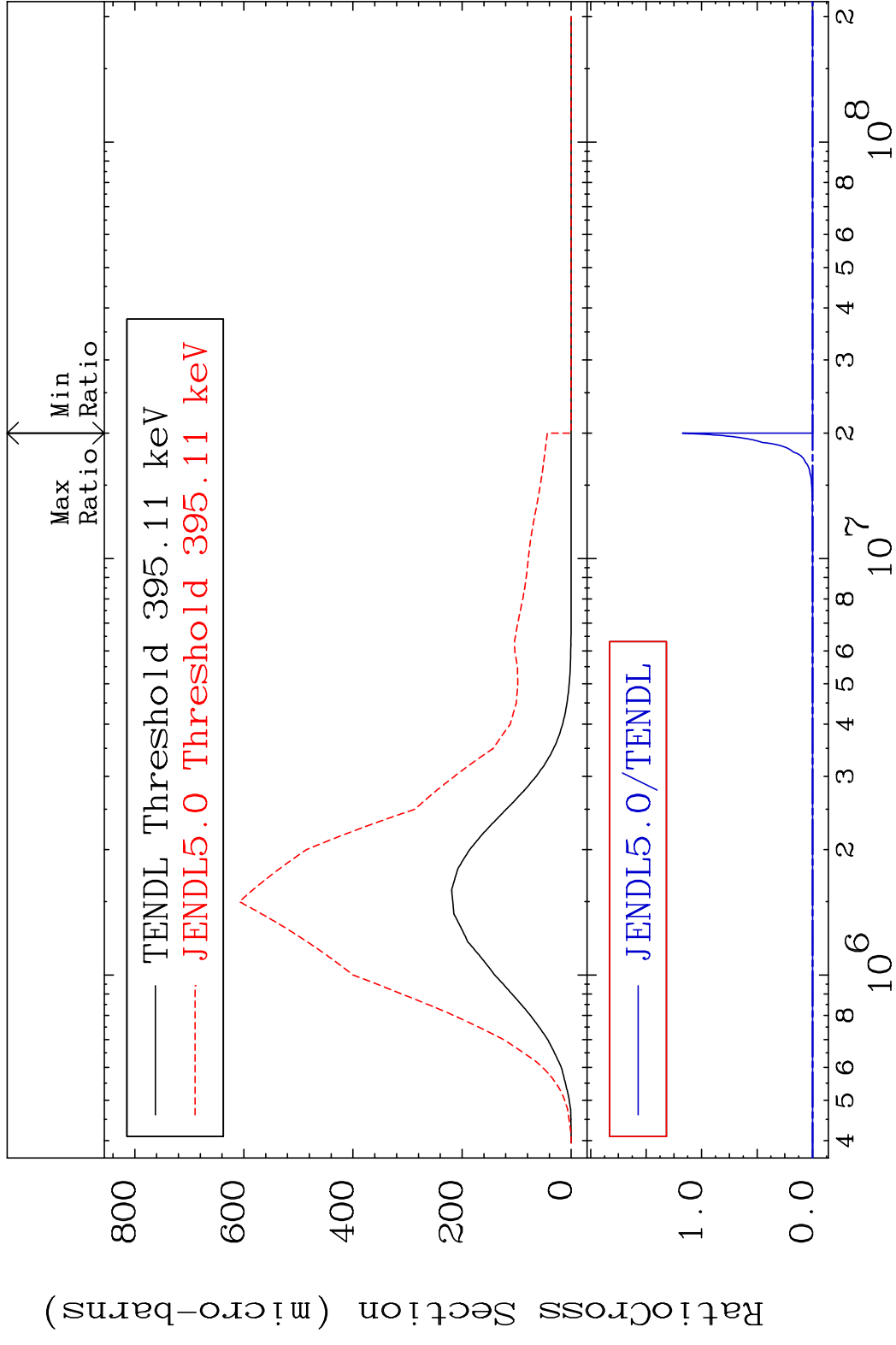
MAT 7523 MT= 71 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



MAT 7523 MT= 72 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %

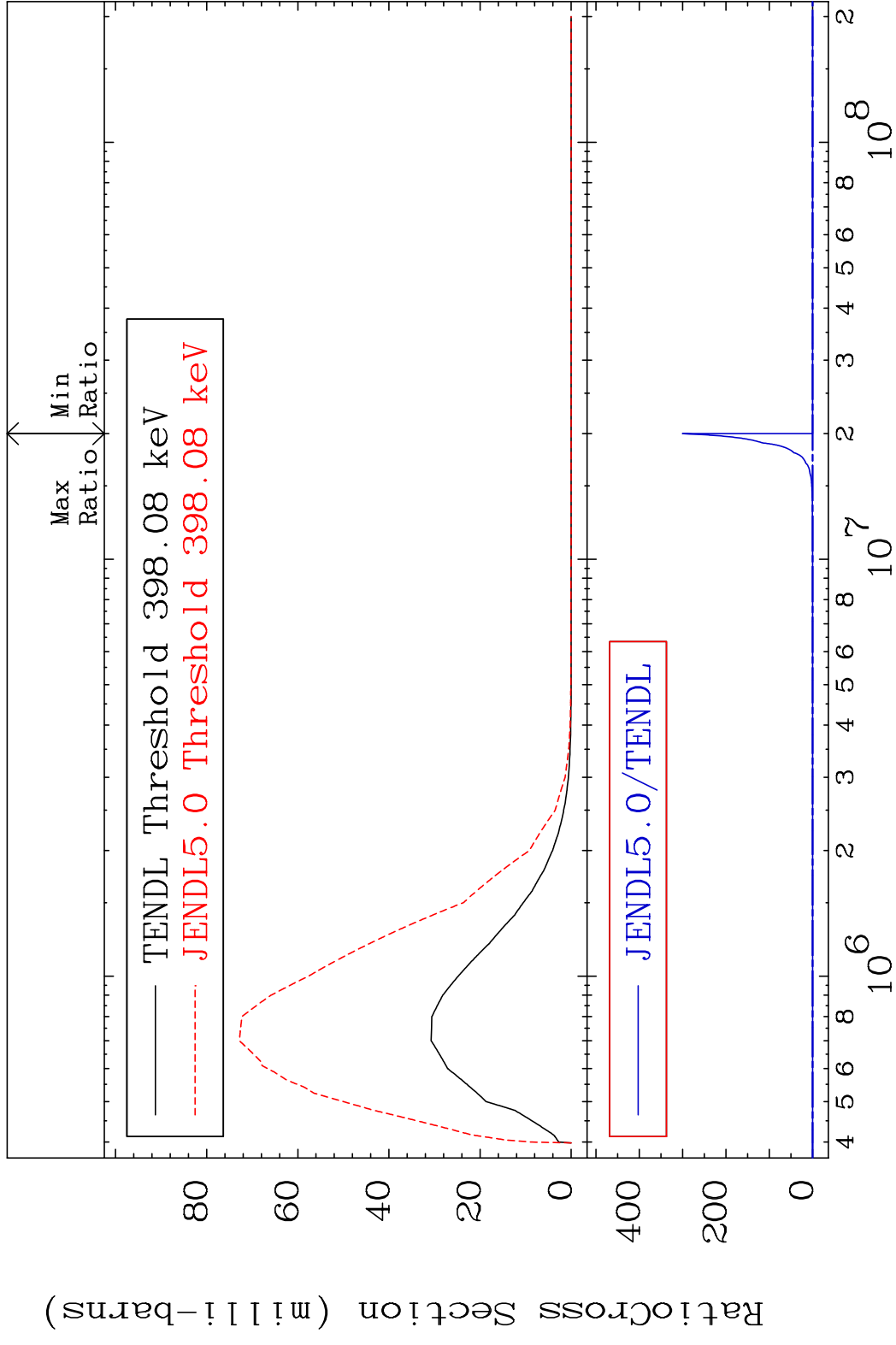


MAT 7523 MT= 73 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %

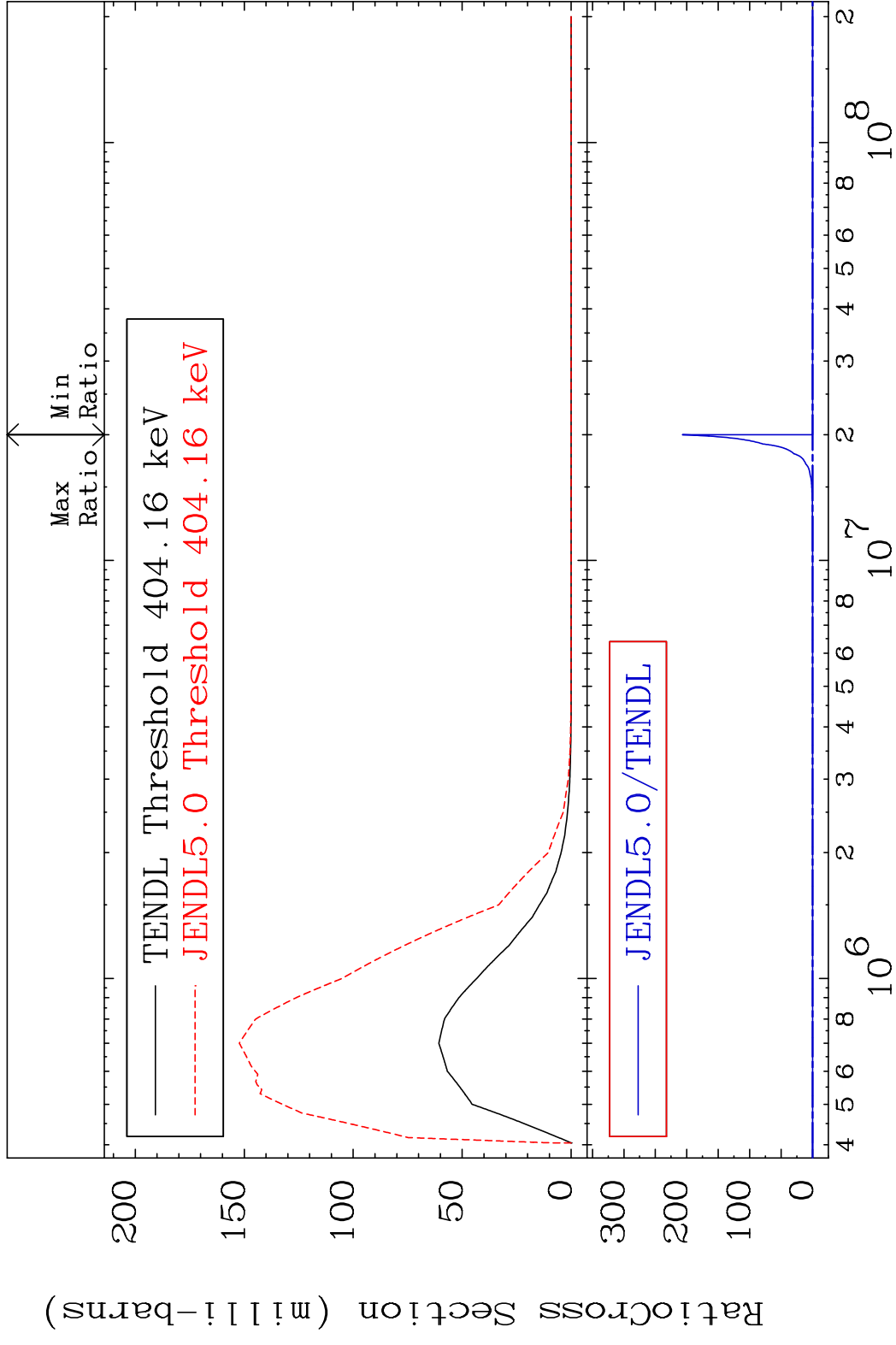


35 Incident Energy (eV) 75-Re-184m

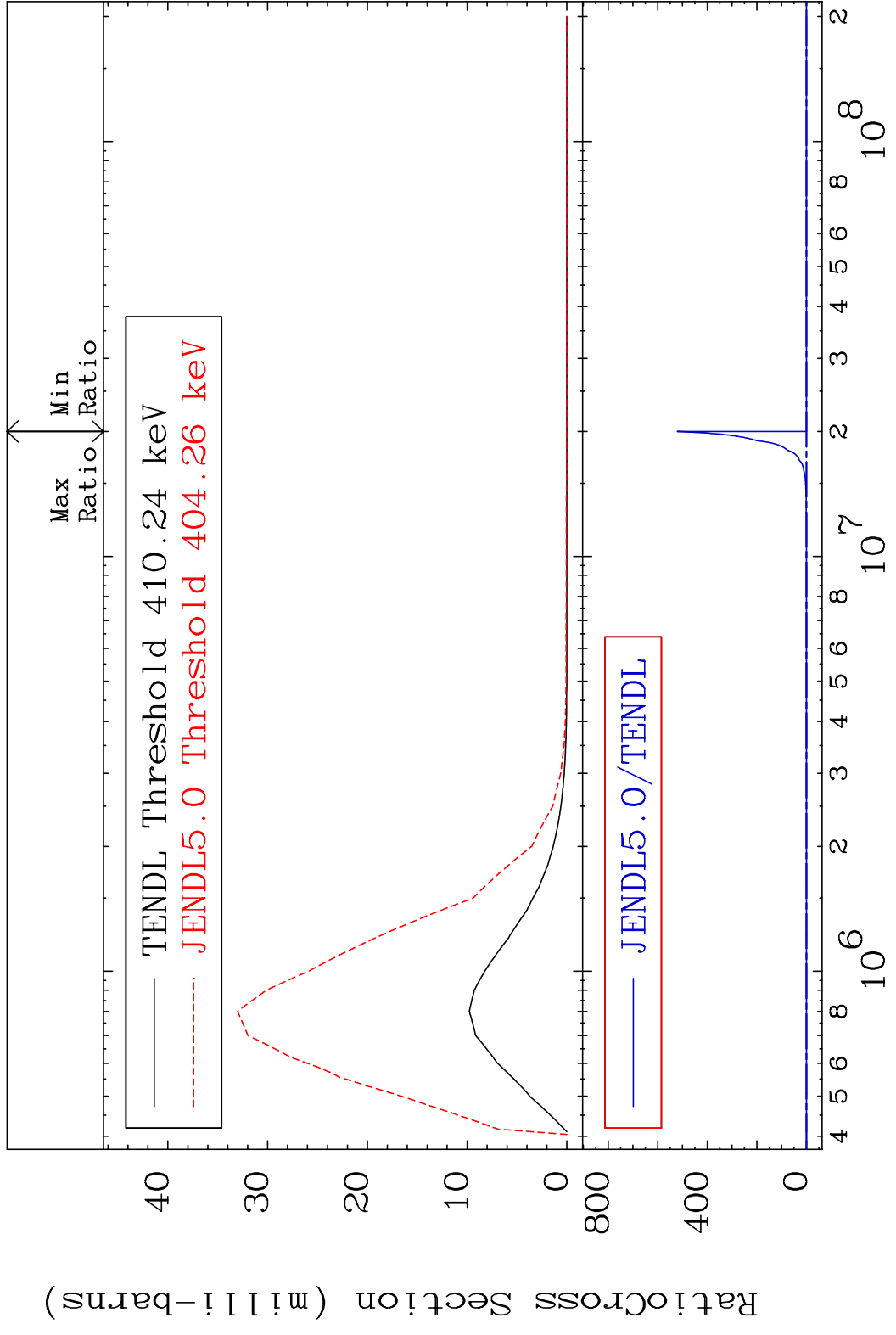
MAT 7523 MT= 74 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



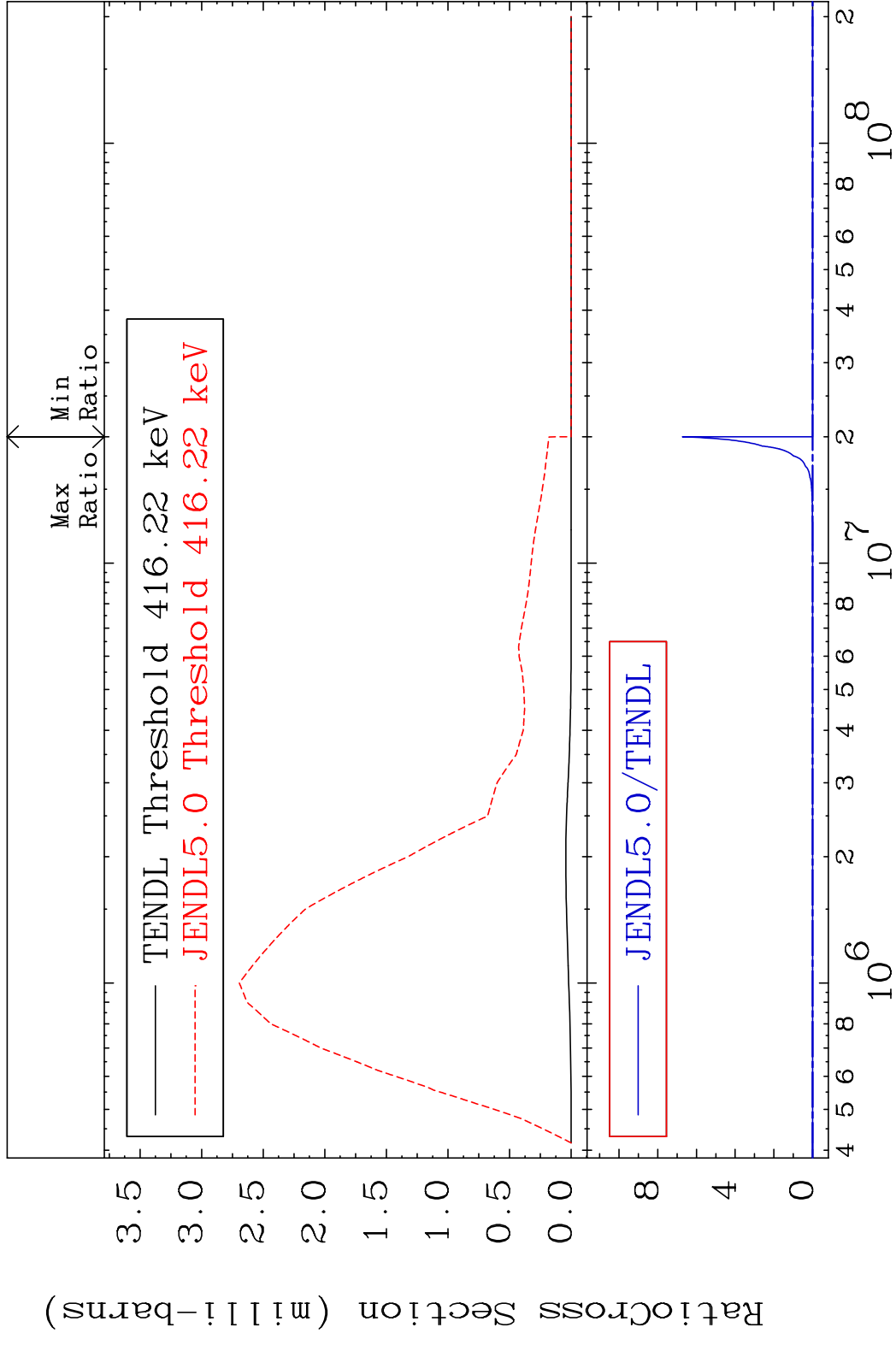
MAT 7523 MT= 75 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



MAT 7523 MT= 76 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %

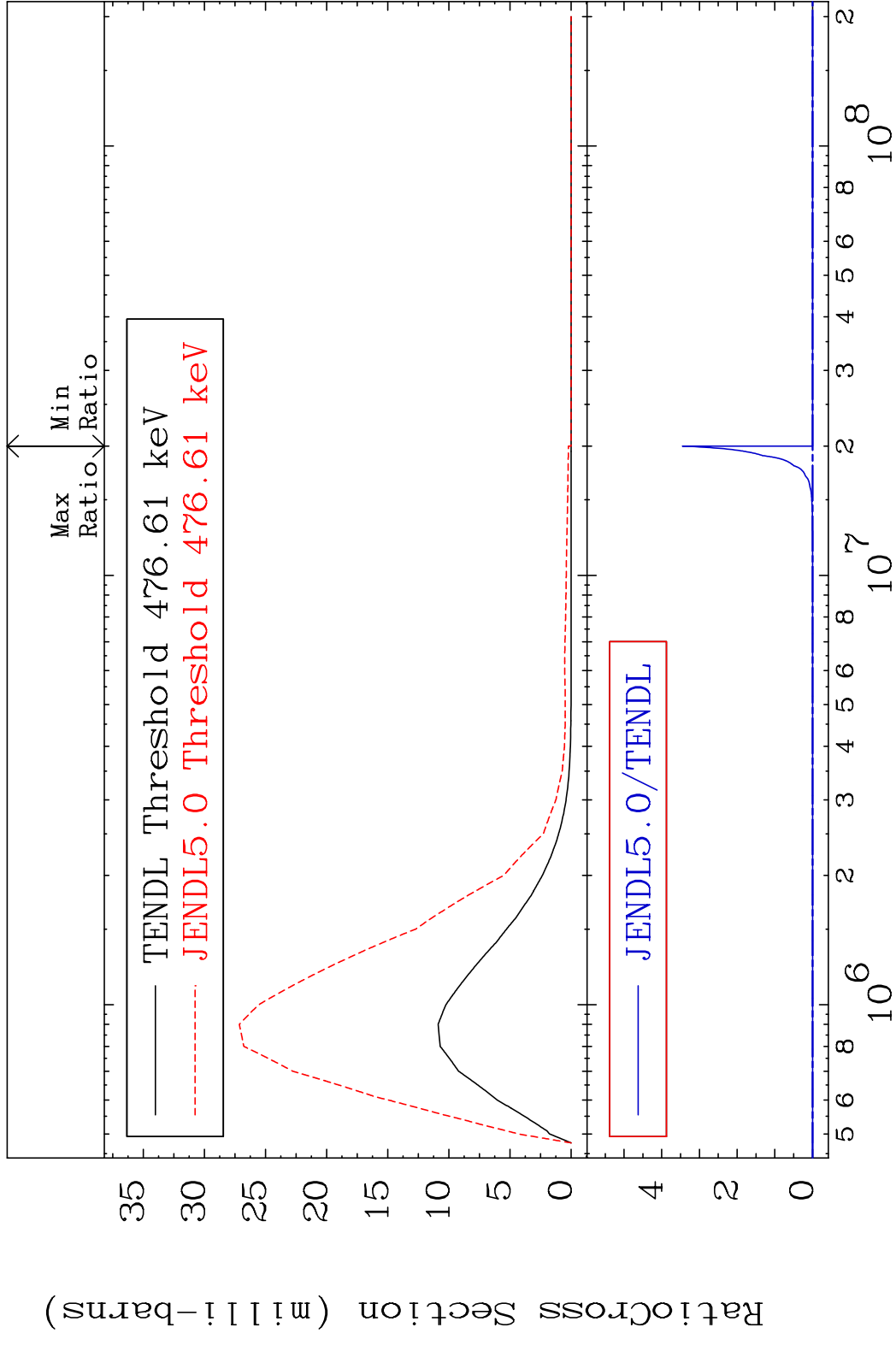


MAT 7523 MT= 77 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %





MAT 7523 MT= 78 (n, n') Level 75-Re-184m  
 Cross Section -100.0 To 9999. %



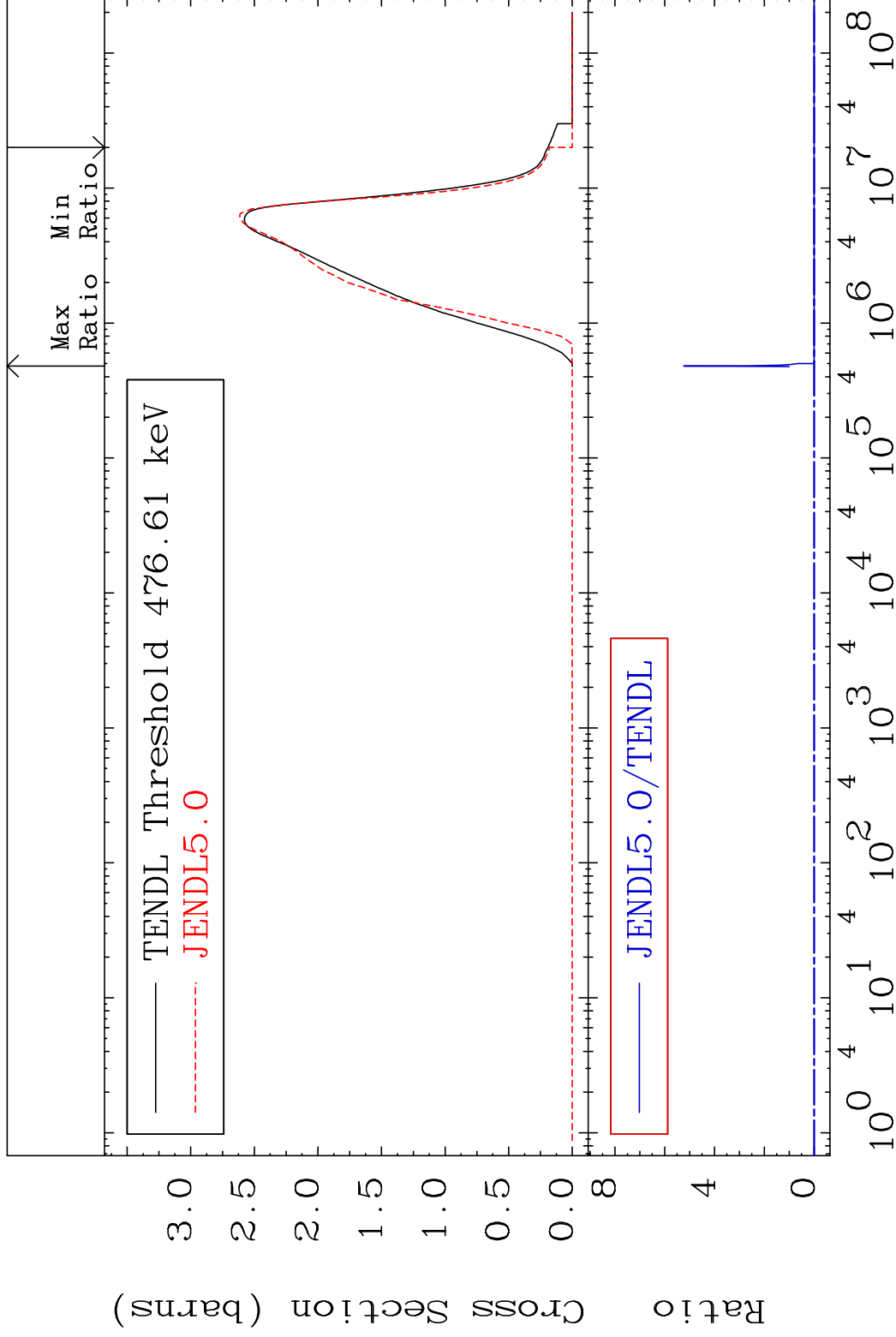
40 Incident Energy (eV) 75-Re-184m

MAT 7523

(n,n') Continuum

75-Re-184m

Cross Section -100.0 To 9999. %



41

Incident Energy (eV)

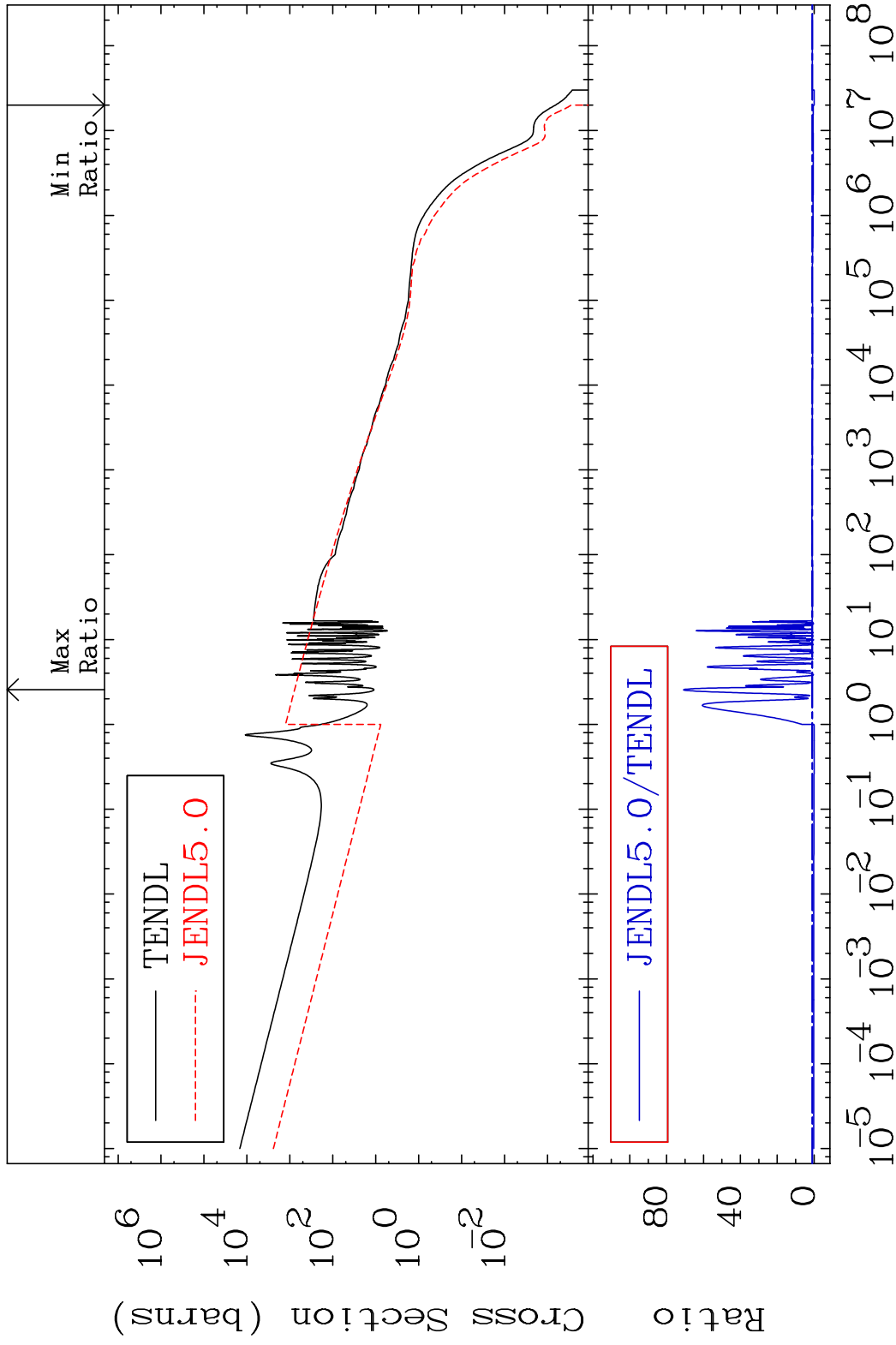
75-Re-184m

MAT 7523

(n,  $\gamma$ )

Cross Section -100.0 To 6978. %

75-Re-184m



42

Incident Energy (eV)

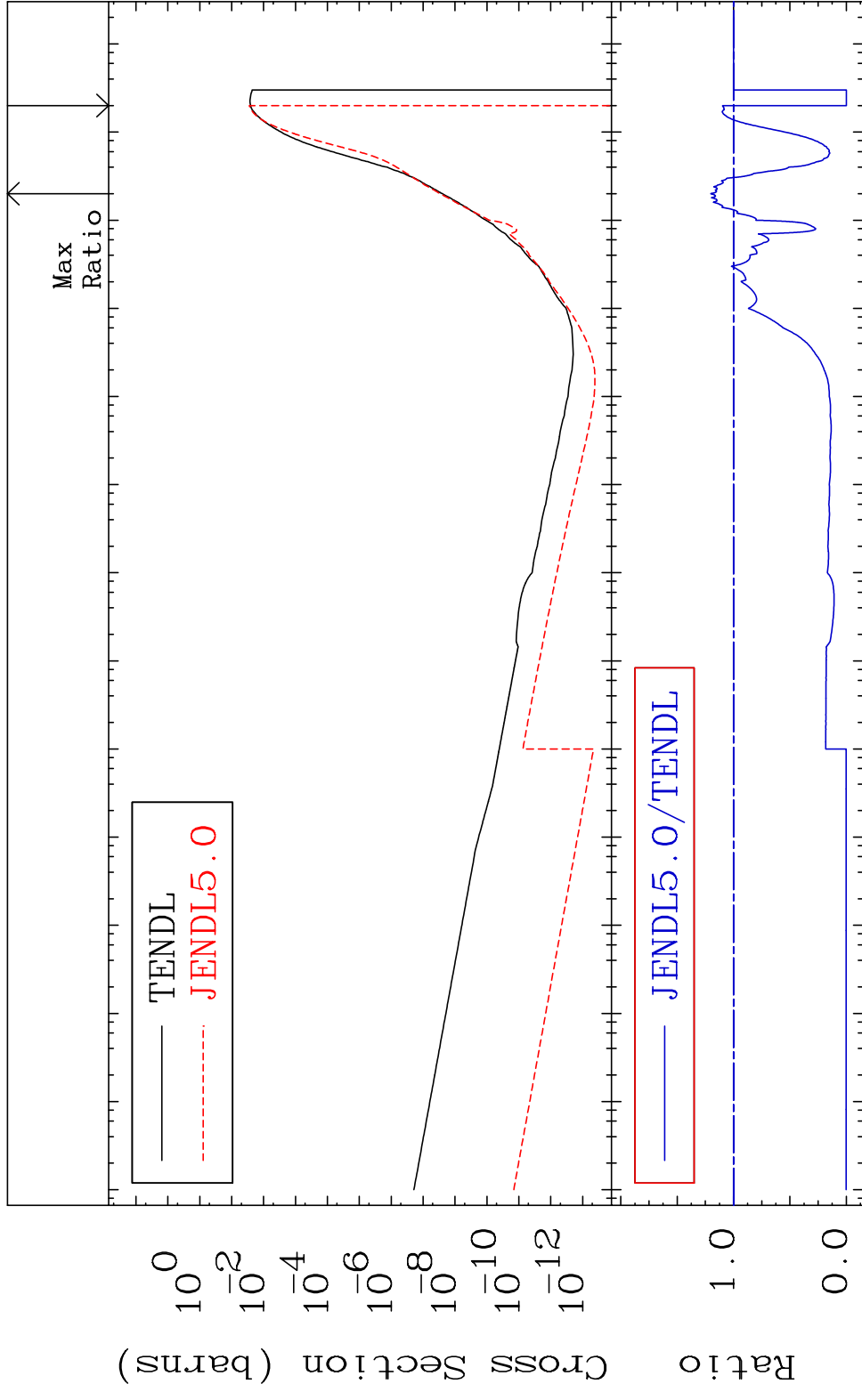
75-Re-184m

MAT 7523

(n, p)

75-Re-184m

Cross Section -100.0 To 20.27 %



43

Incident Energy (eV)

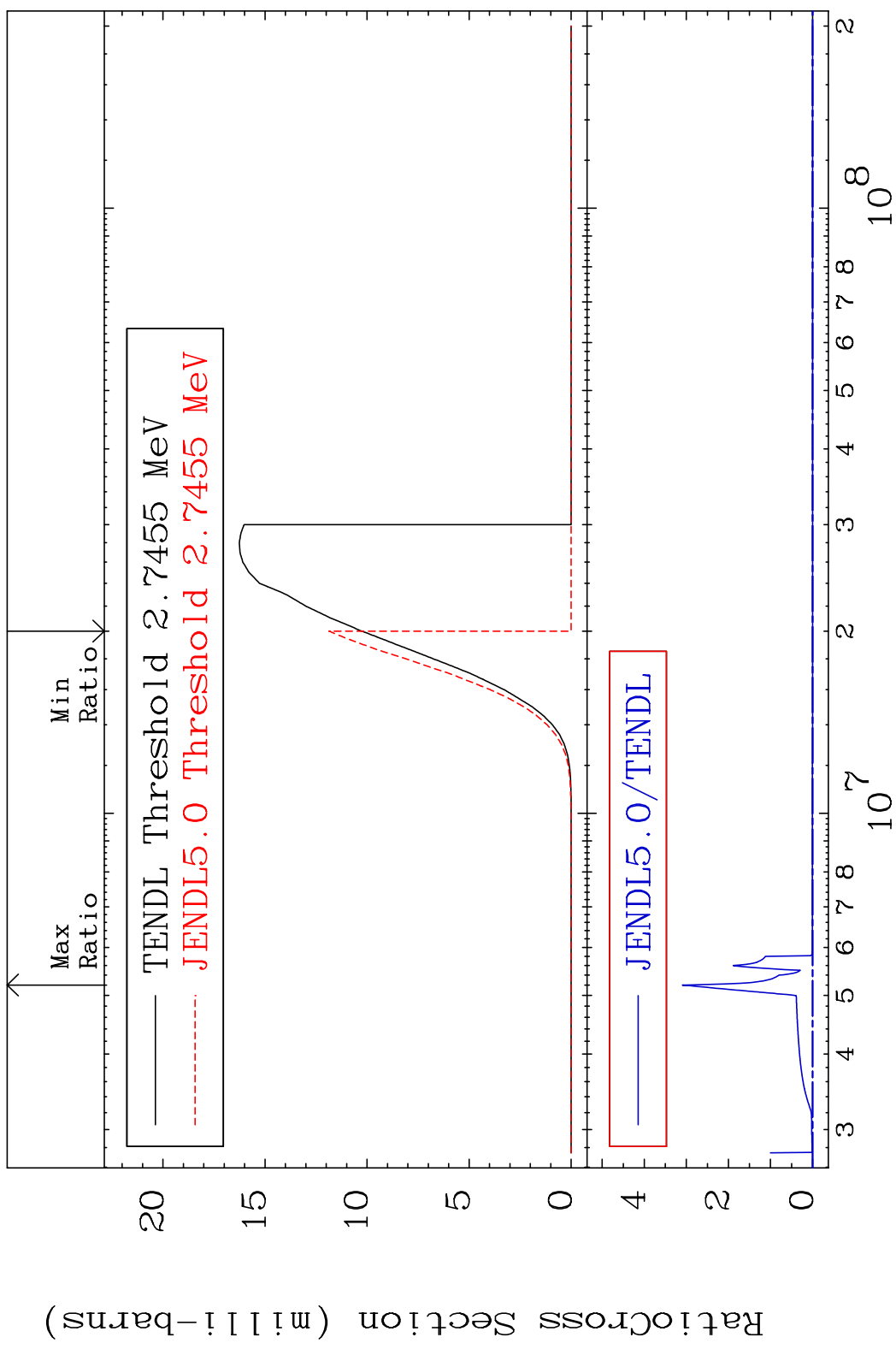
75-Re-184m

MAT 7523

(n, d)

75-Re-184m

Cross Section -100.0 To 9999. %



44

Incident Energy (eV)

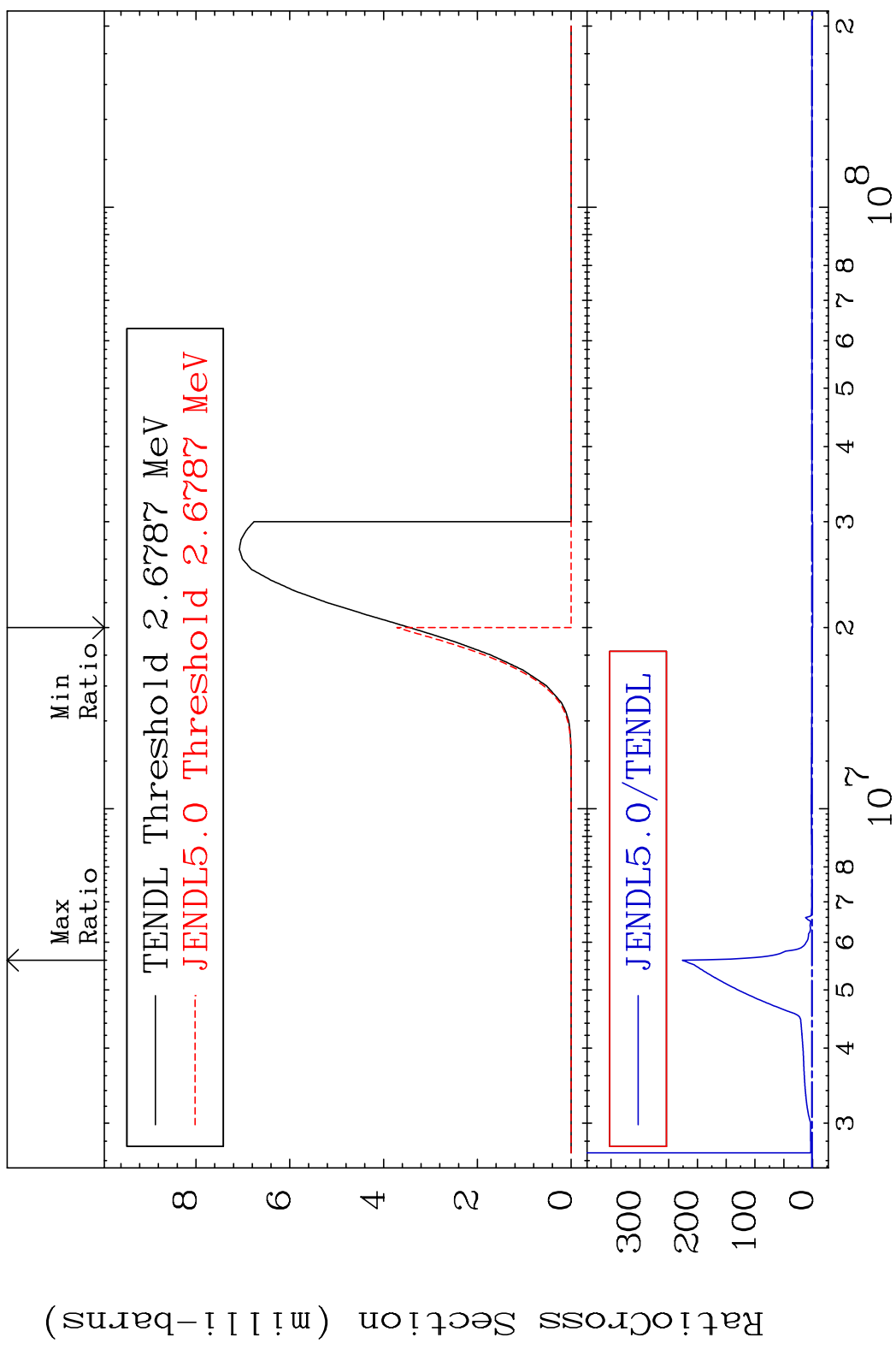
75-Re-184m

MAT 7523

(n, t)

75-Re-184m

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

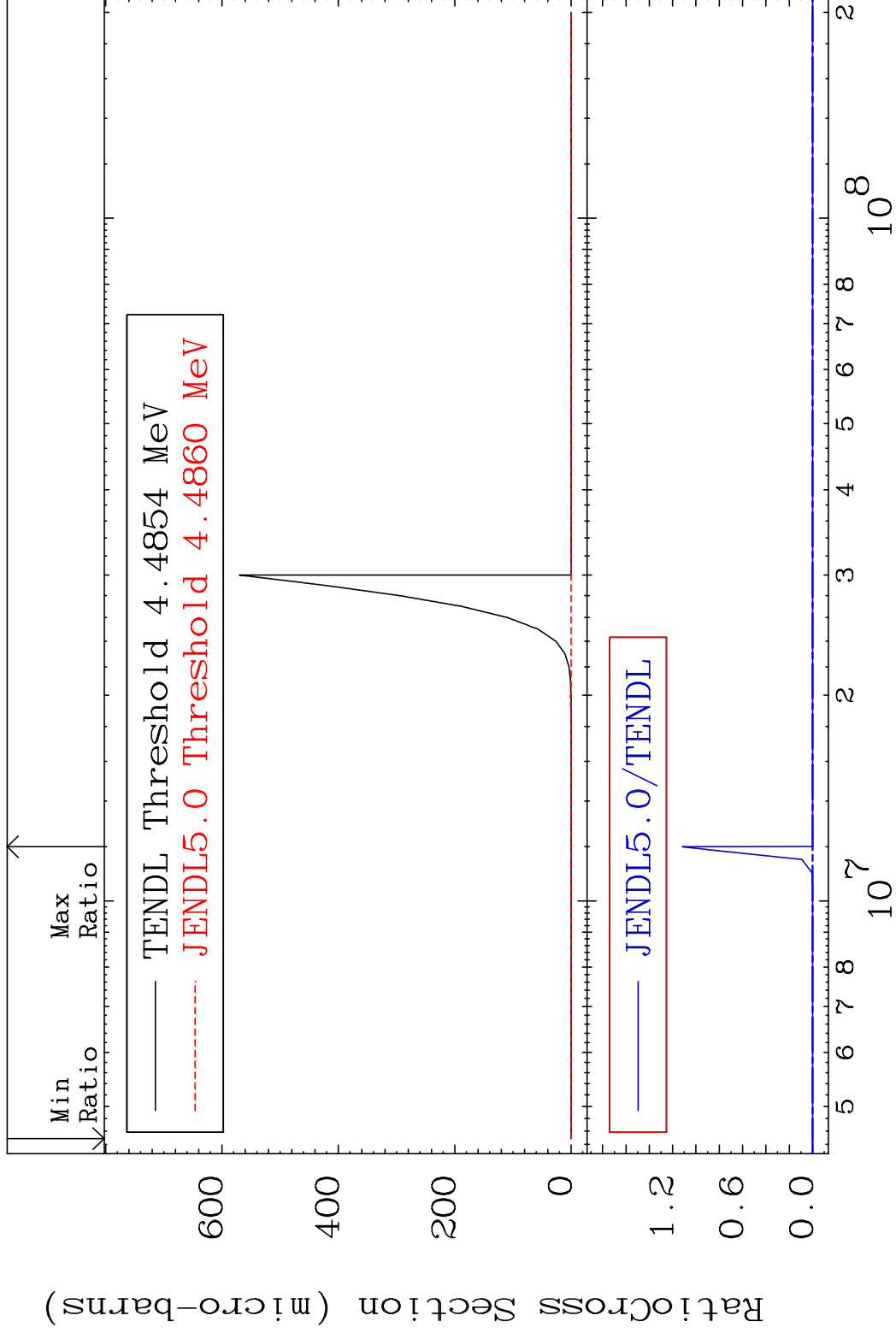
75-Re-184m

MAT 7523

(n, He-3)

75-Re-184m

Cross Section -100.0 To 9999. %



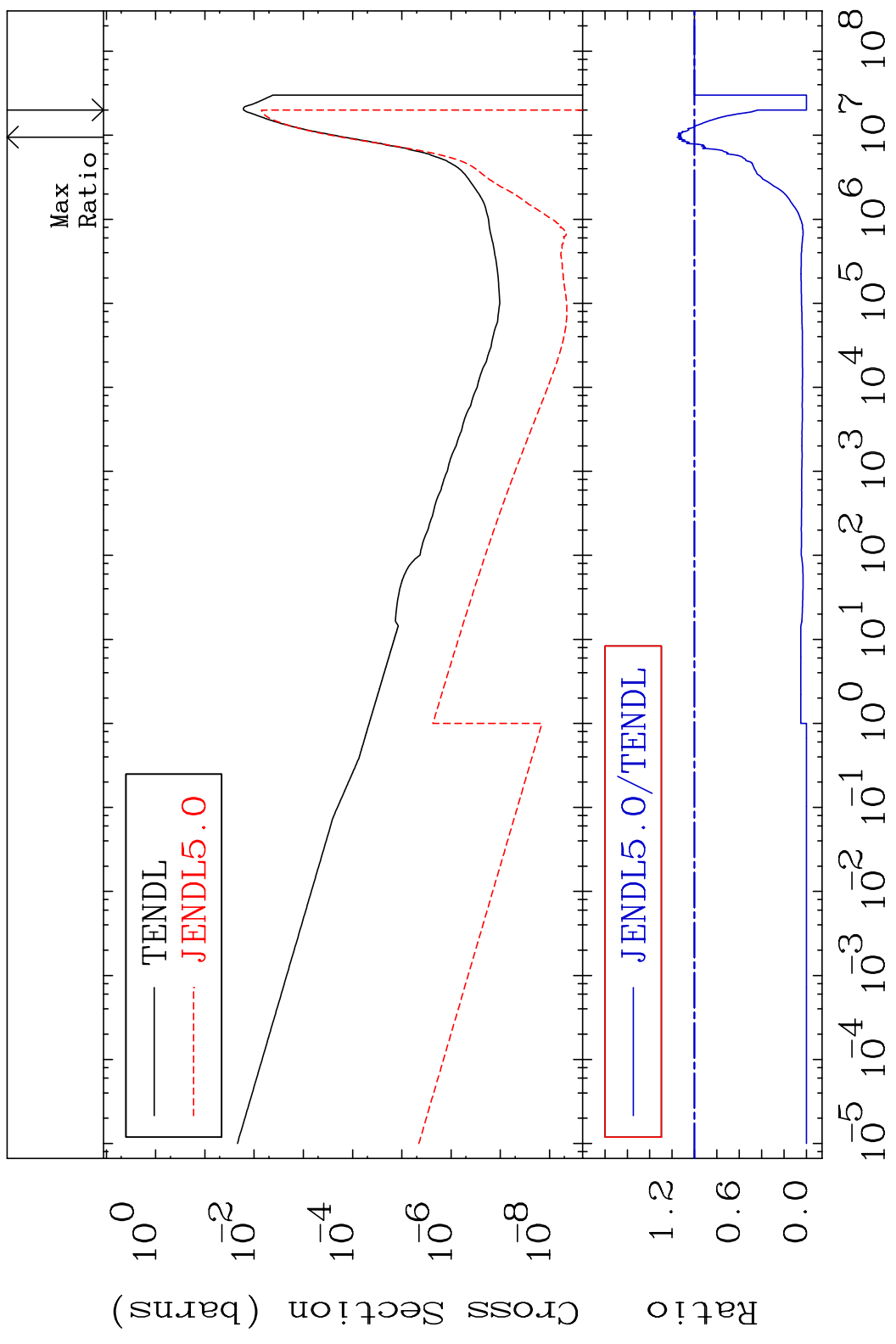
46

Incident Energy (eV)

75-Re-184m

MAT 7523

(n,  $\alpha$ )  
Cross Section -100.0 To 15.45 %  
75-Re-184m



47

Incident Energy (eV)

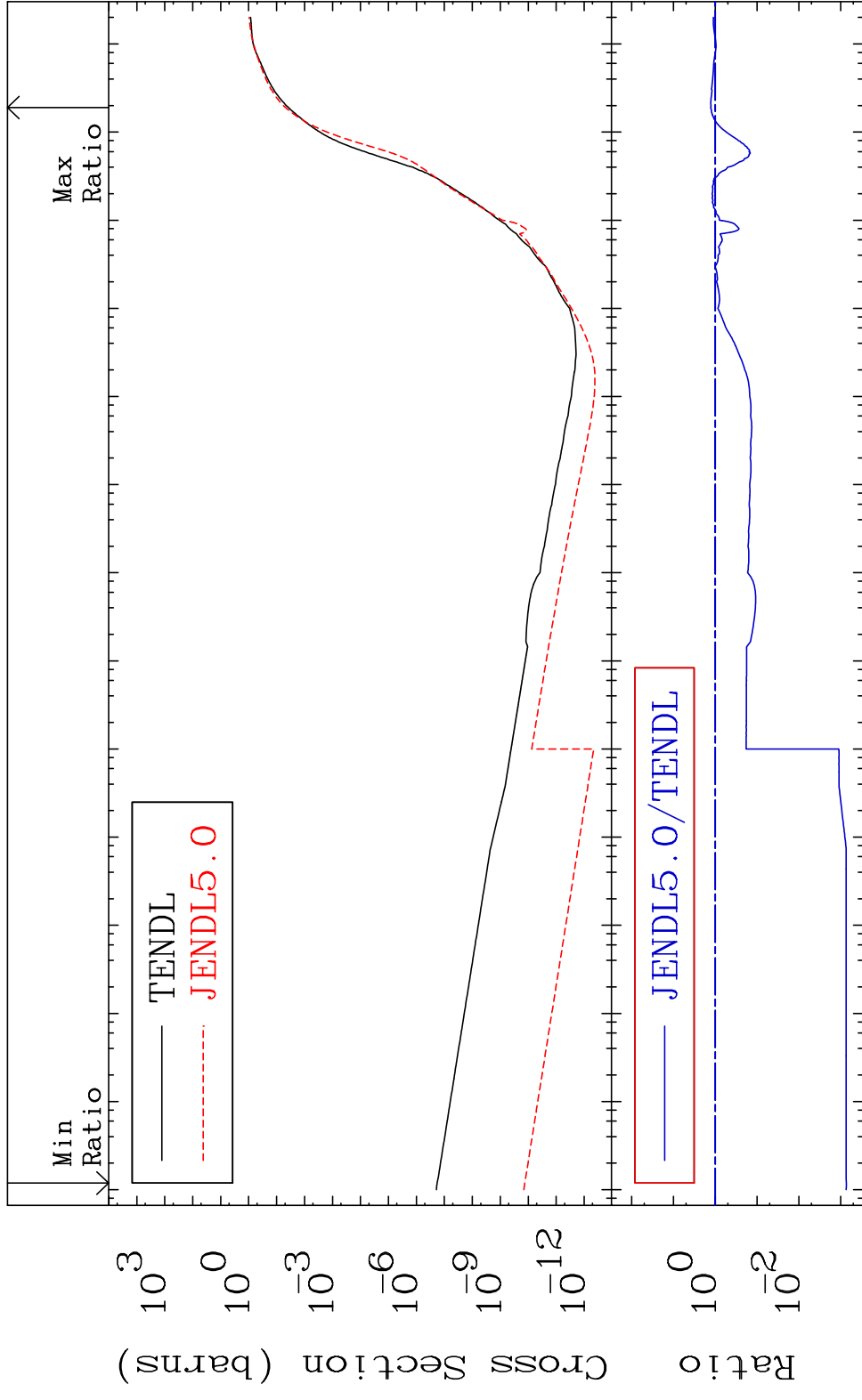
75-Re-184m



MAT 7523

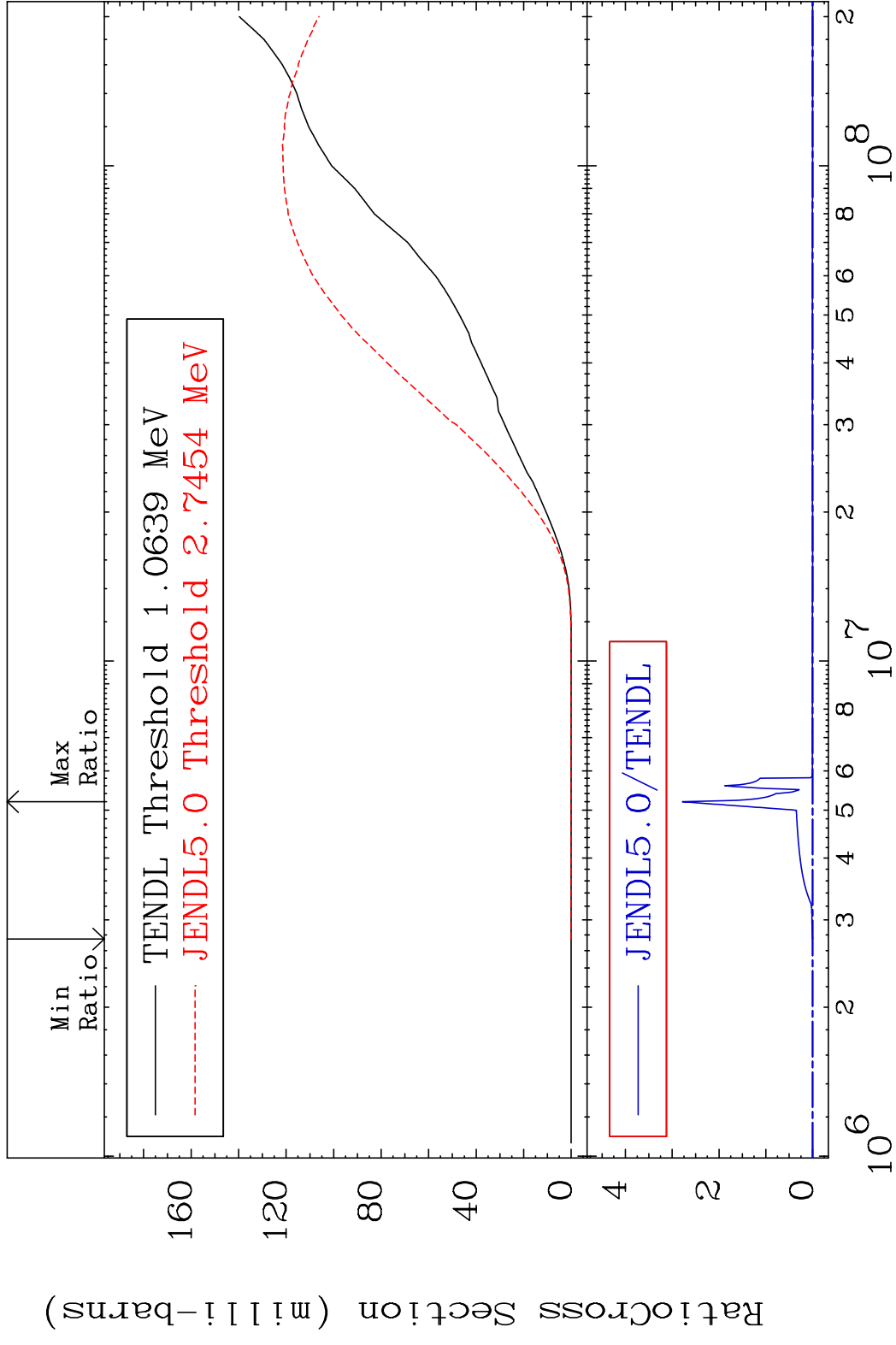
Hydrogen Production  
Cross Section -99.93 To 28.78 %

75-Re-184m



MAT 7523

Deuterium Production 75-Re-184m  
Cross Section -100.0 To 9999. %



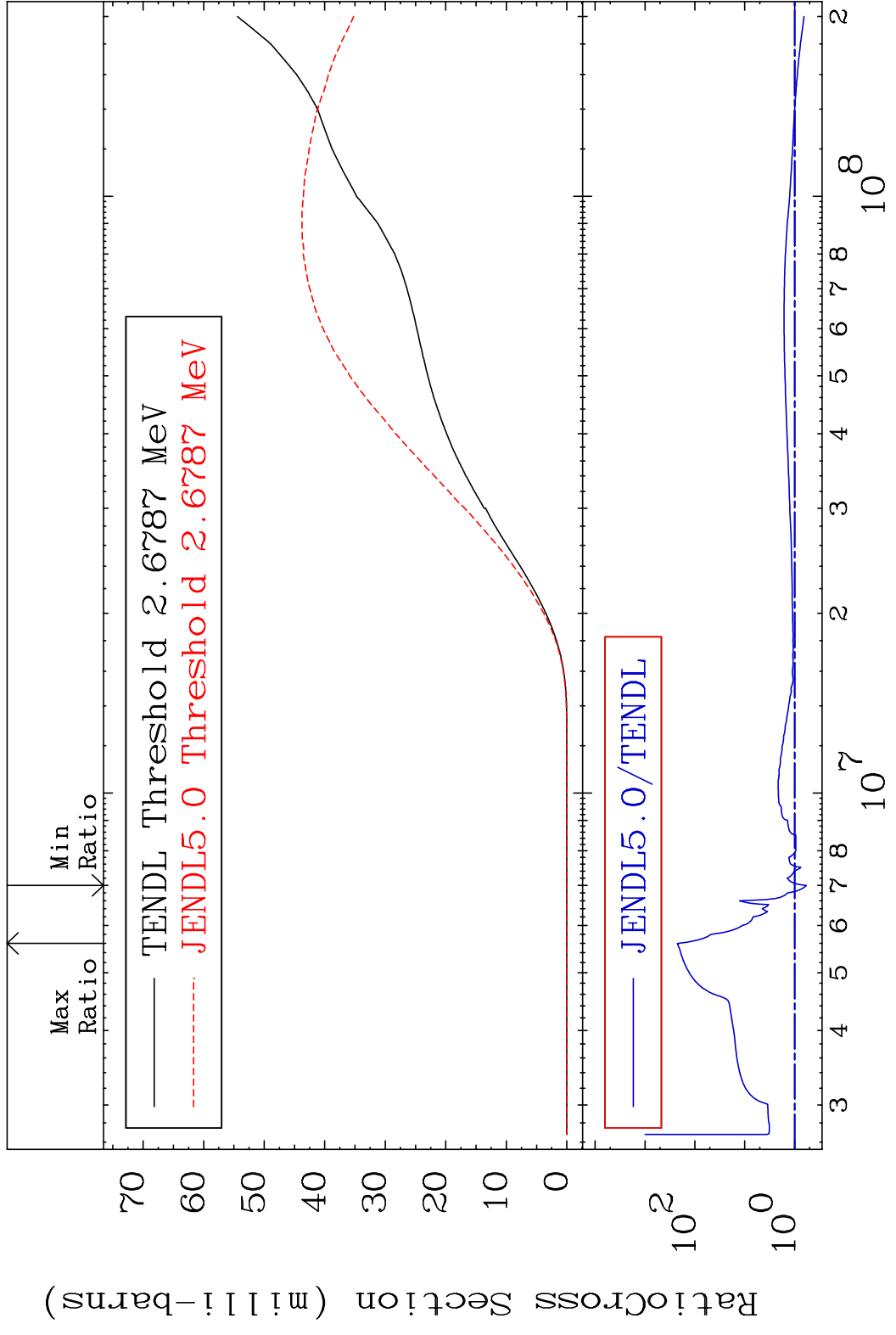
49

Incident Energy (eV)

75-Re-184m

MAT 7523

Tritium Production 75-Re-184m  
Cross Section -42.02 To 9999. %



50

Incident Energy (eV)

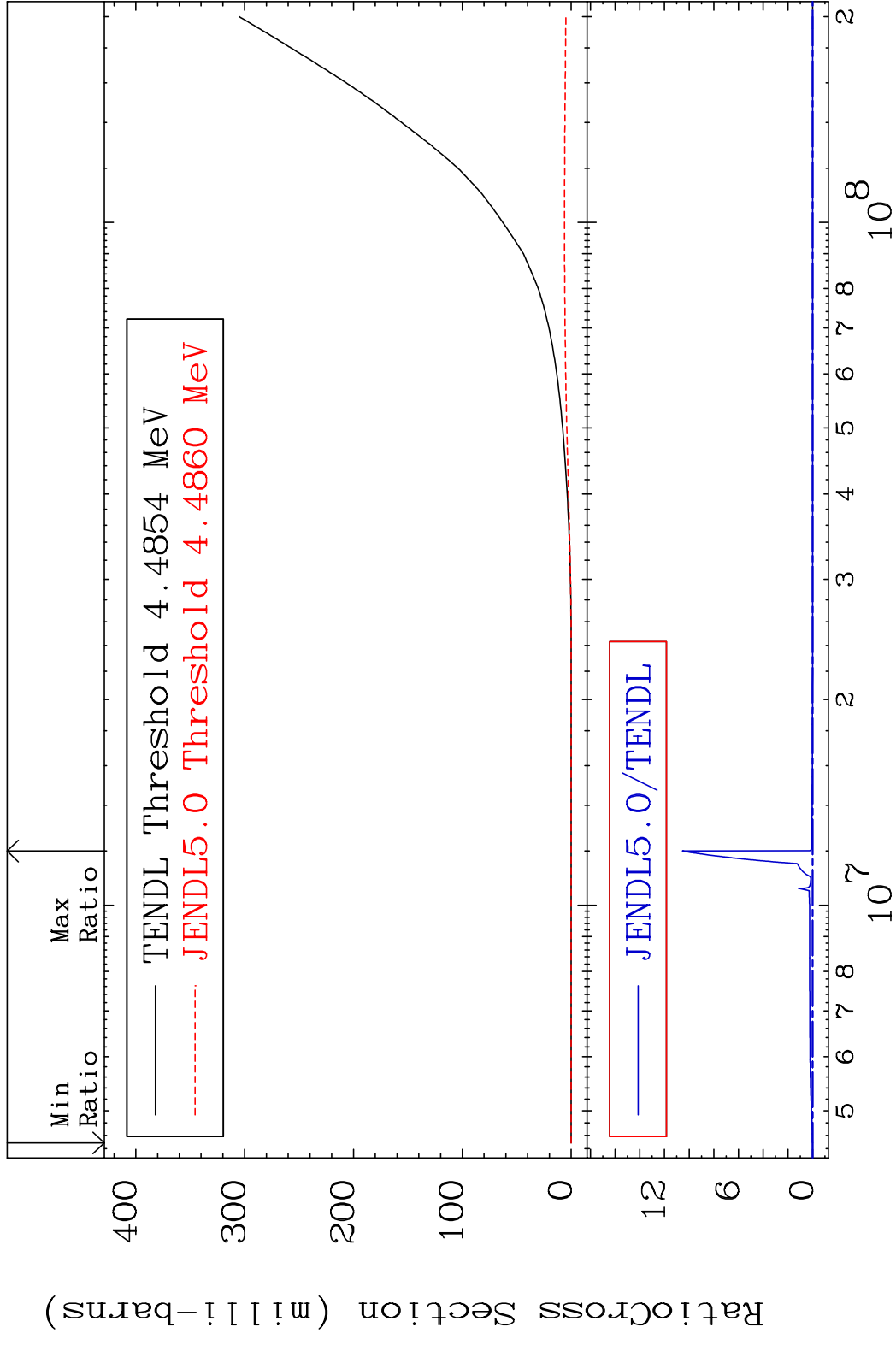
75-Re-184m

MAT 7523

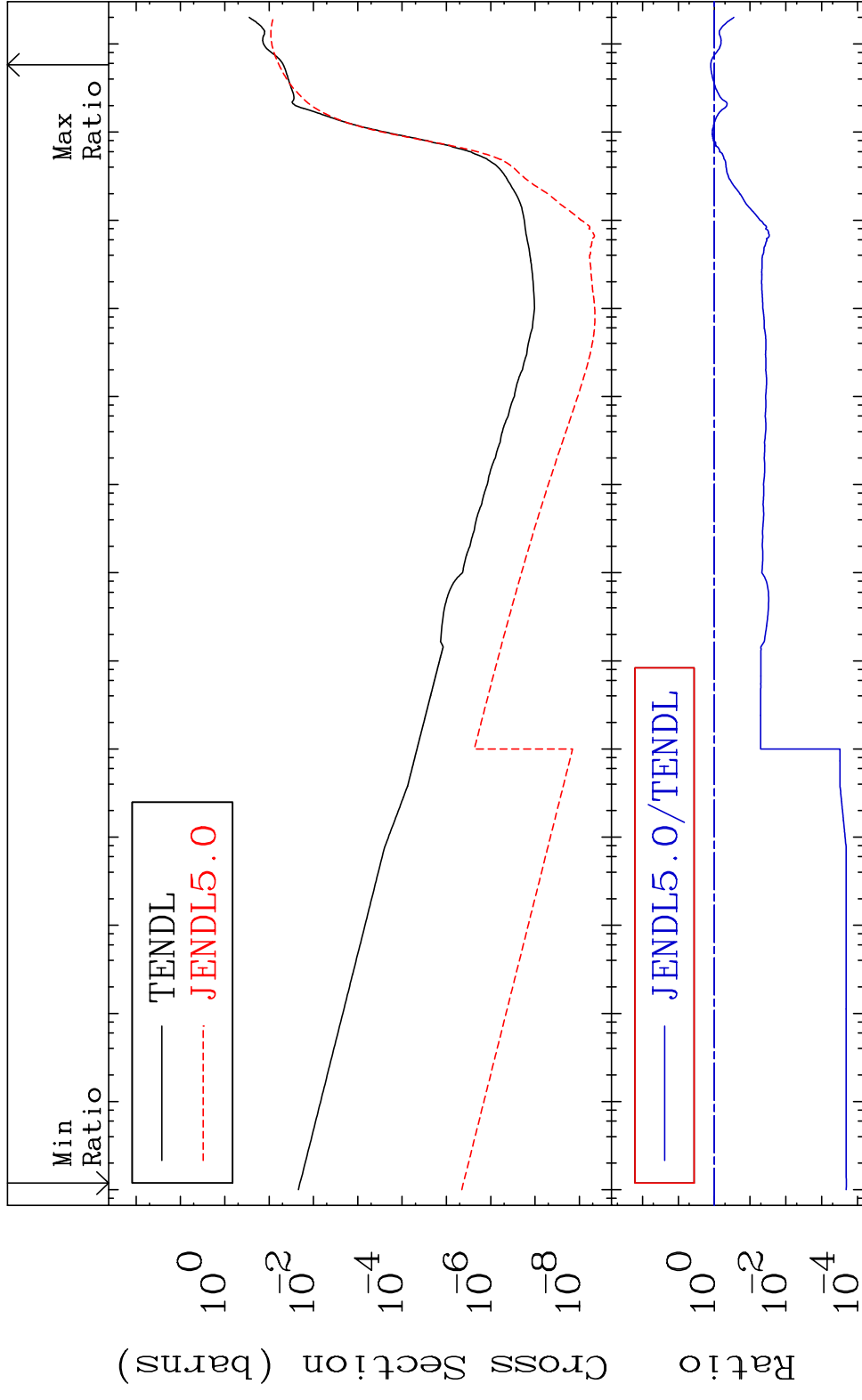
He-3 Production

75-Re-184m

Cross Section -100.0 To 9999. %

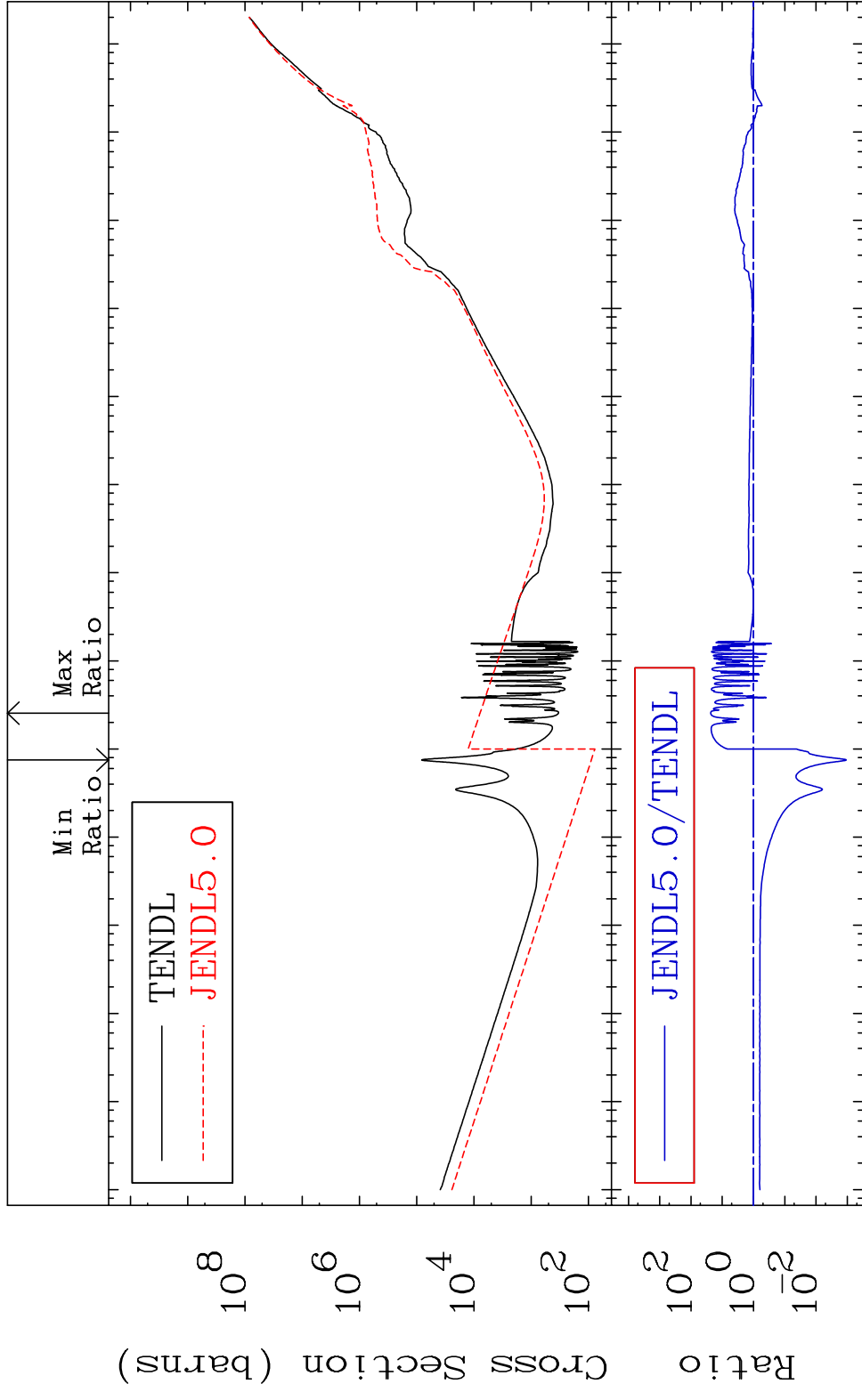


MAT 7523 He-4 Production 75-Re-184m  
 Cross Section -99.98 To 25.22 %



52 Incident Energy (eV) 75-Re-184m

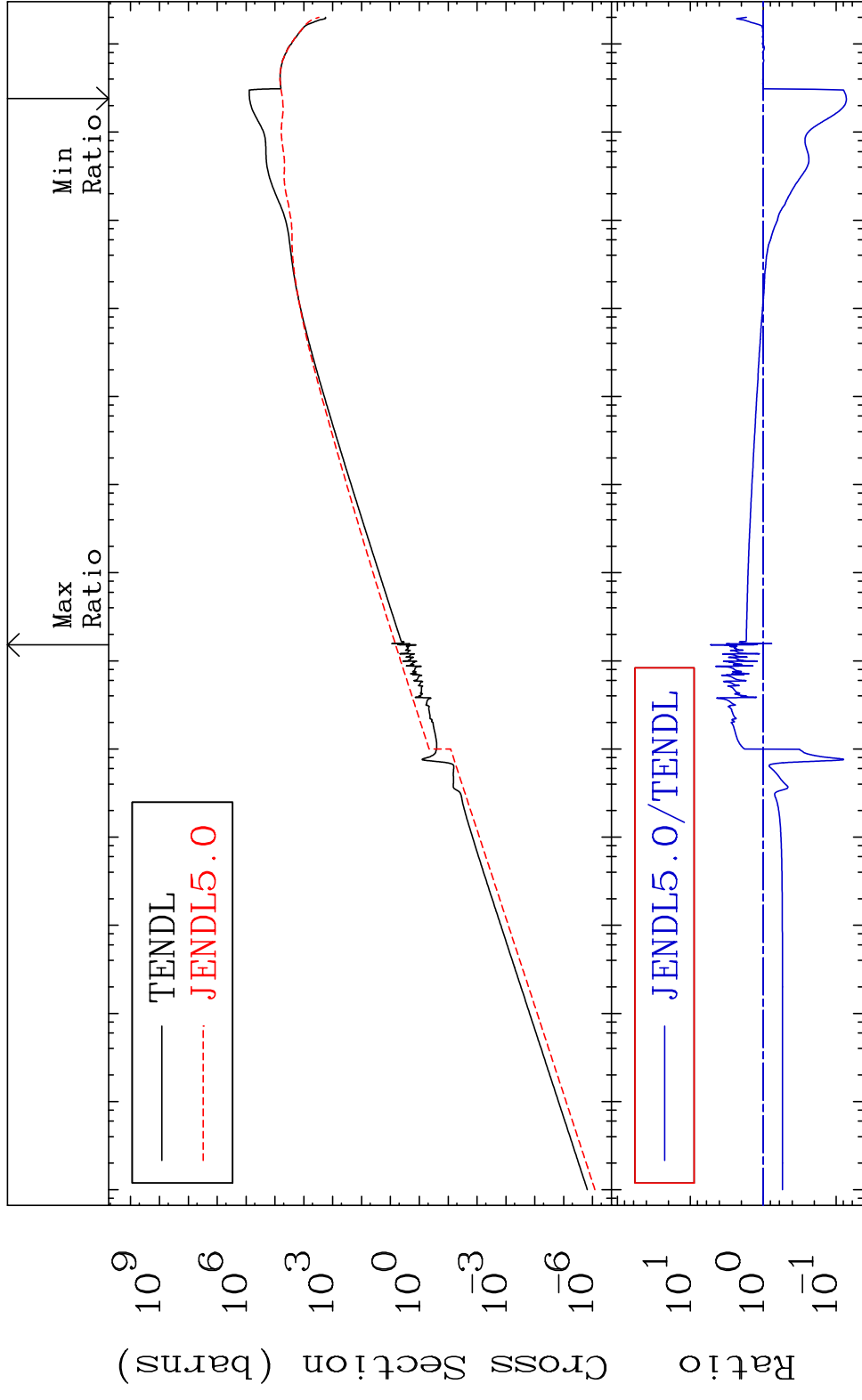
MAT 7523 Kerma total (eV-barns) 75-Re-184m  
 Cross Section -99.89 To 2241. %



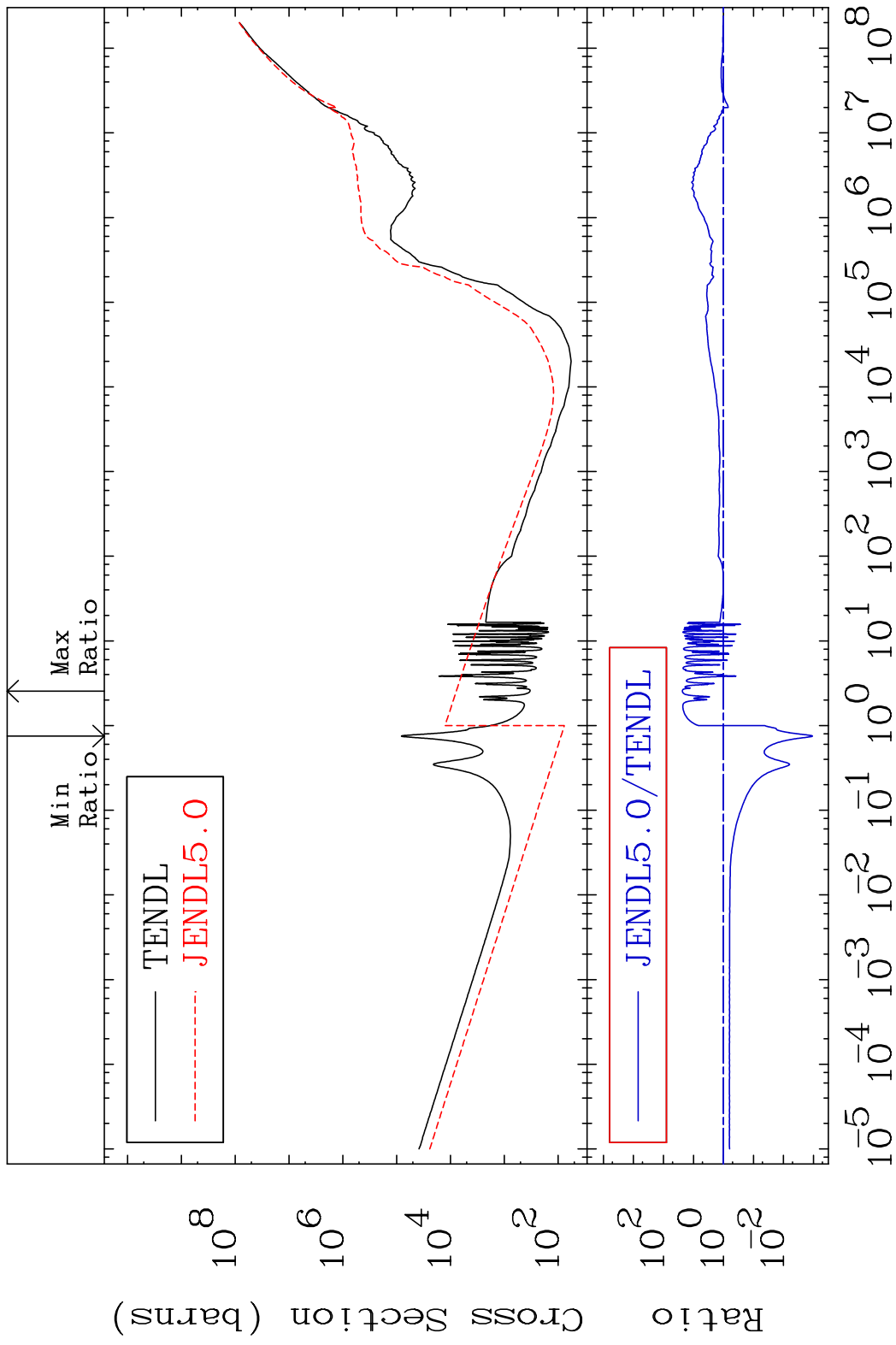
MAT 7523

Kerma elastic  
Cross Section

75-Re-184m  
-92.73 To 425.3 %

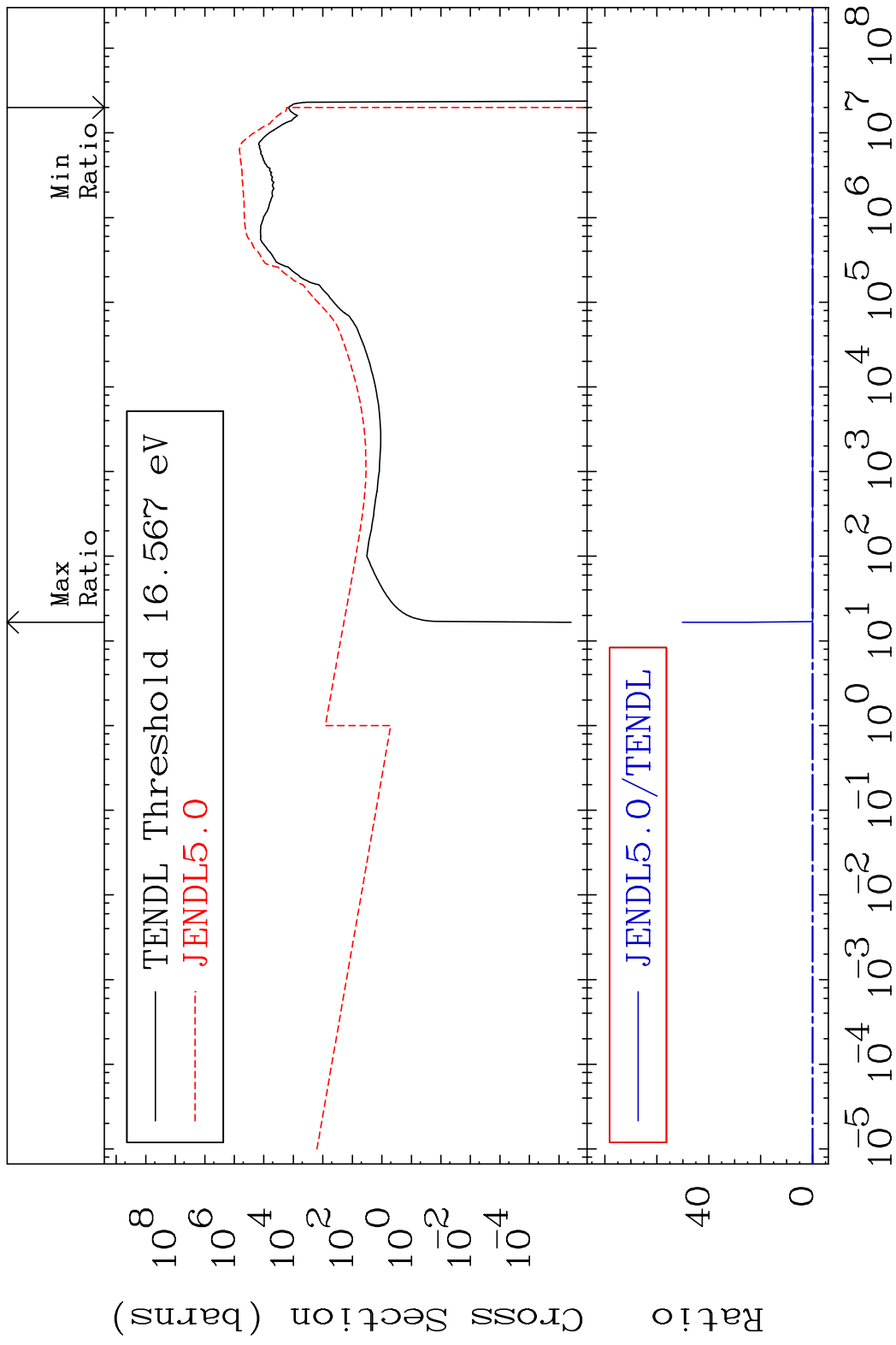


MAT 7523 Kerma non-elastic (all but mt2) 75-Re-184m  
 Cross Section -99.89 To 2244. %



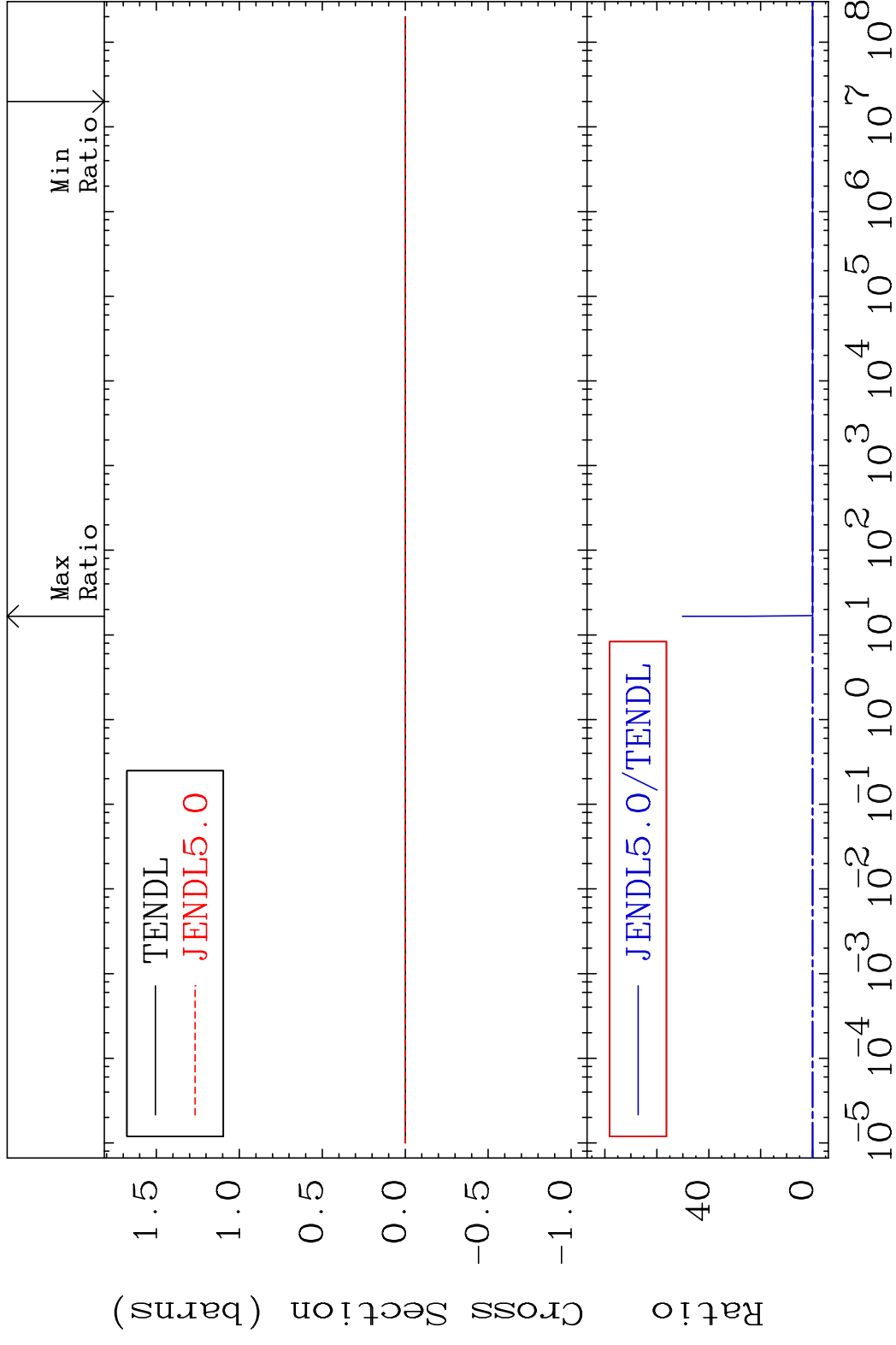


MAT 7523 Kerma inelastic (mt51-91) 75-Re-184m  
 Cross Section -100.0 To 9999. %



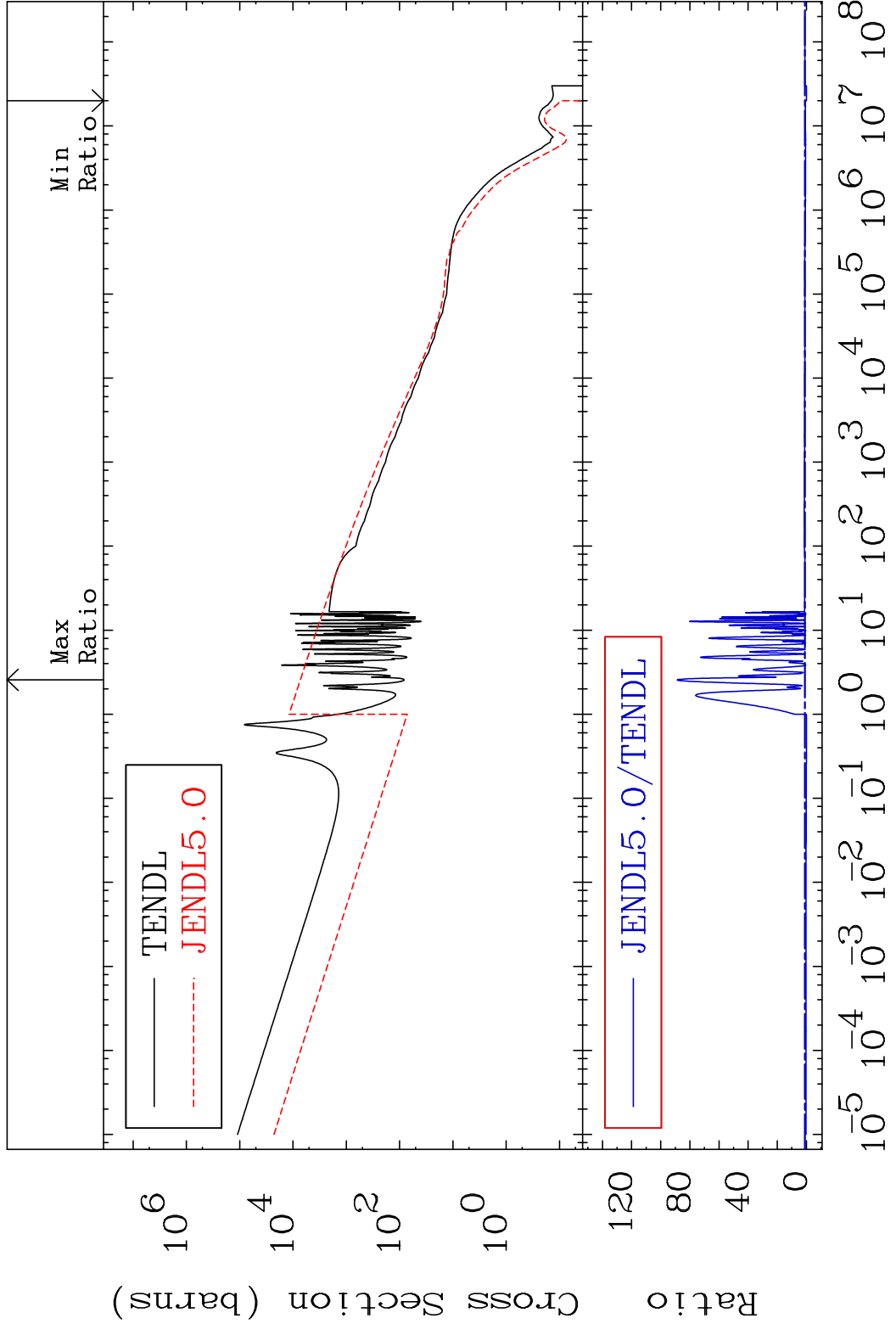
56 Incident Energy (eV) 75-Re-184m

MAT 7523 Kerma fission (mt18 or mt19-20-21-38) Re-184m  
 Cross Section -100.0 To 9999. %

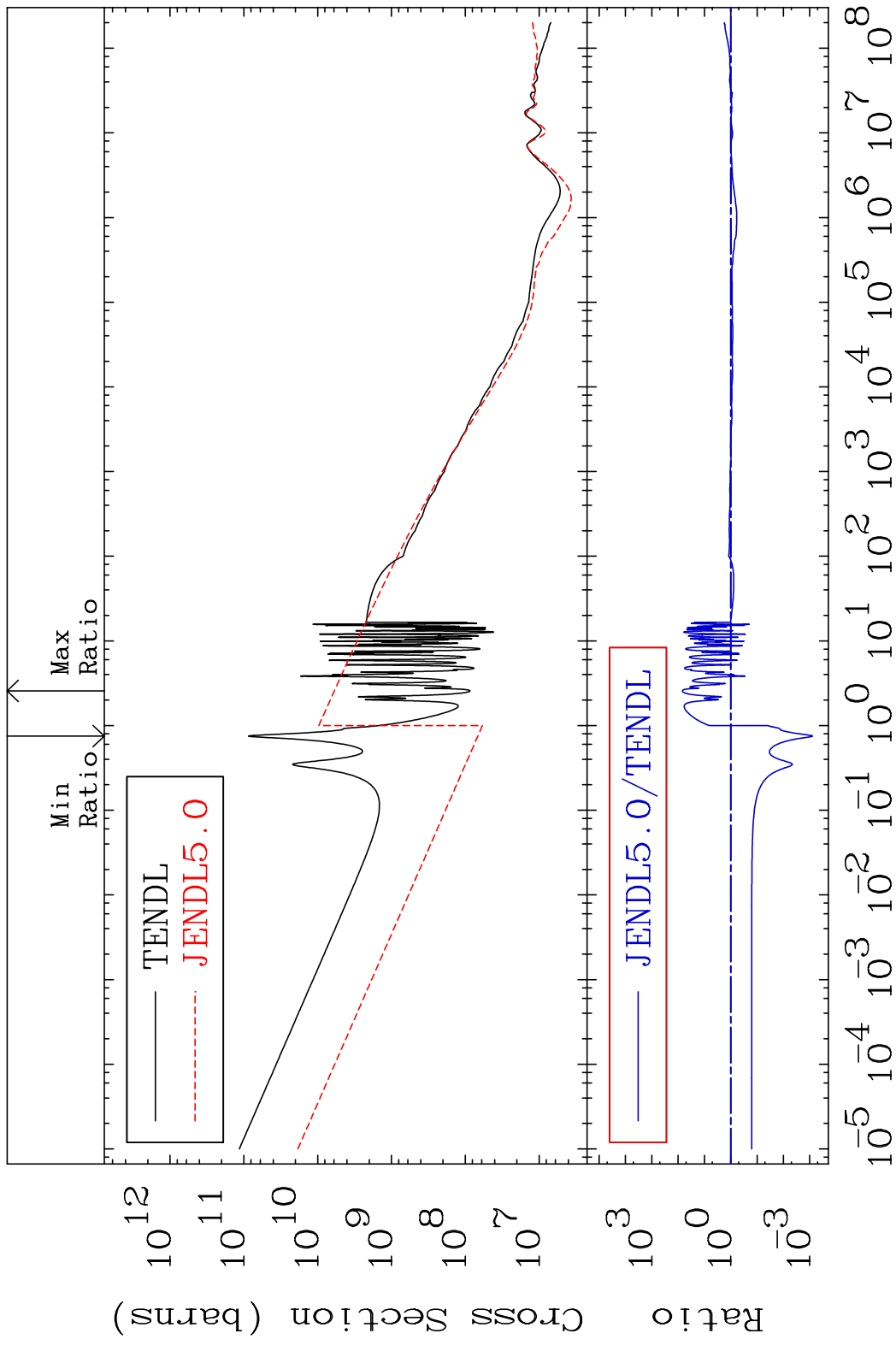


MAT 7523

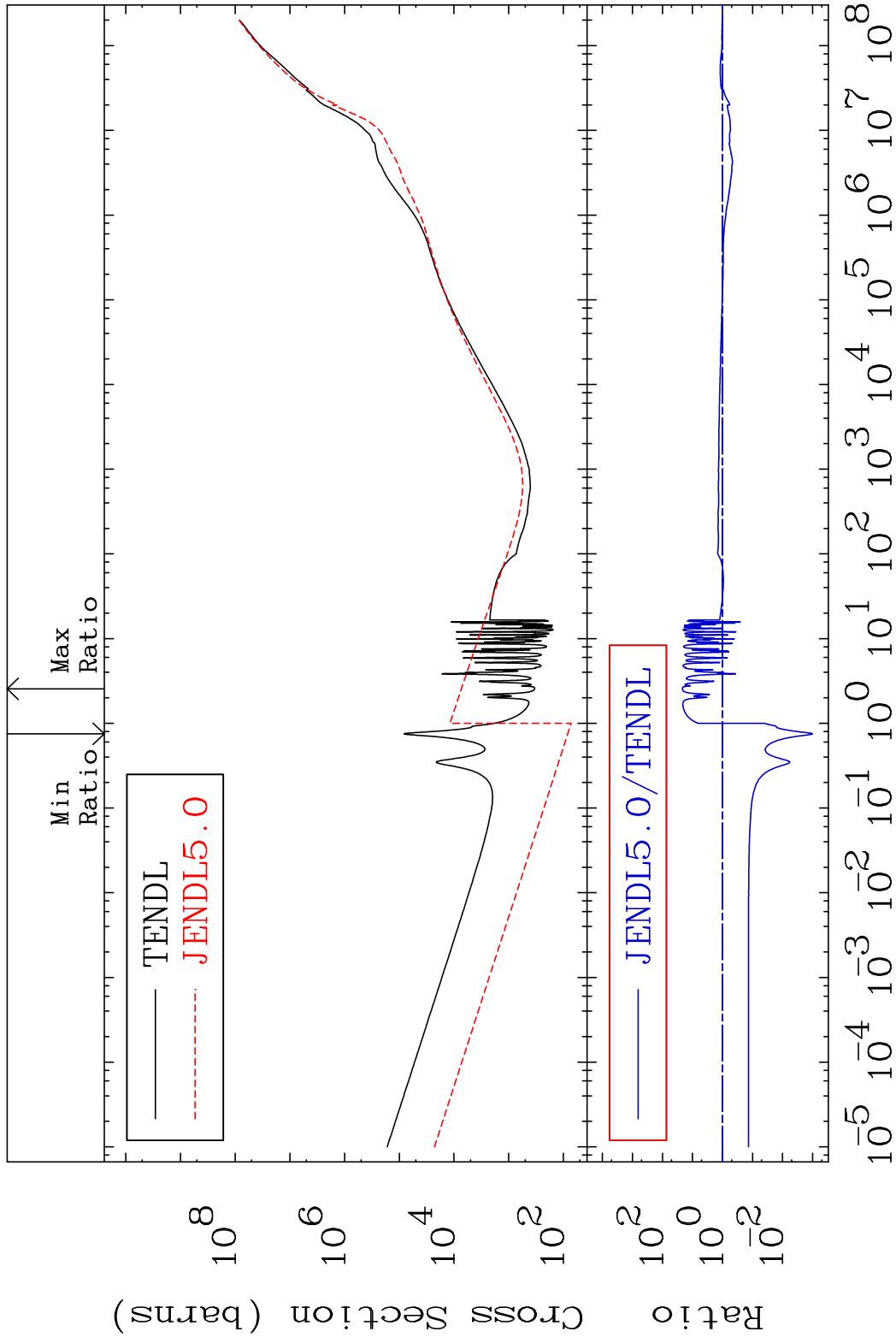
Kerma capture (mt102) 75-Re-184m  
Cross Section -100.0 To 8771. %



MAT 7523 Total photon (eV-barns) 75-Re-184m  
 Cross Section -99.92 To 6801. %



MAT 7523 Total kinematic kerma (high limit)75-Re-184m  
 Cross Section -99.90 To 2080. %

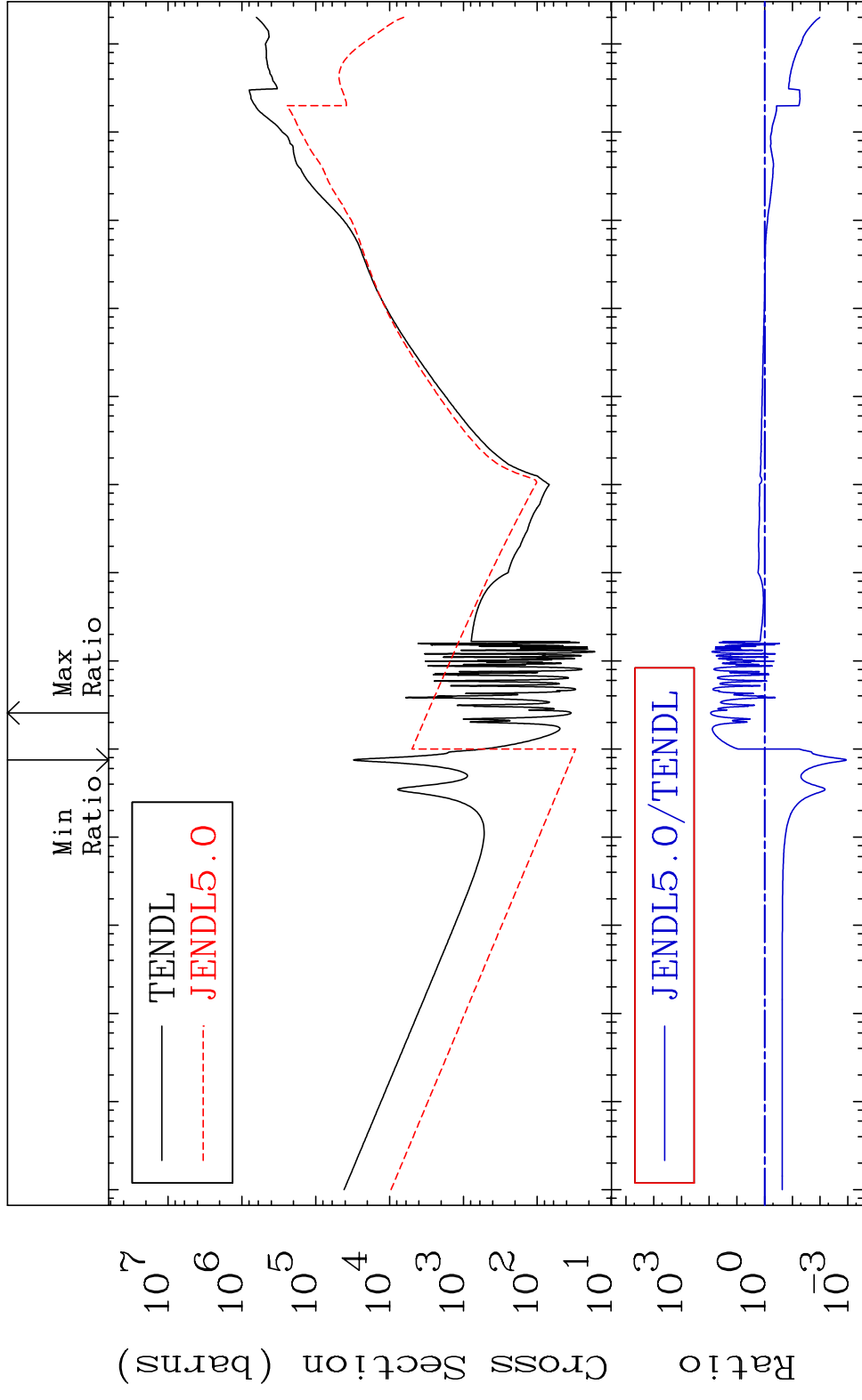


MAT 7523

Dpa total (eV-barns)

75-Re-184m

Cross Section -99.89 To 8716. %

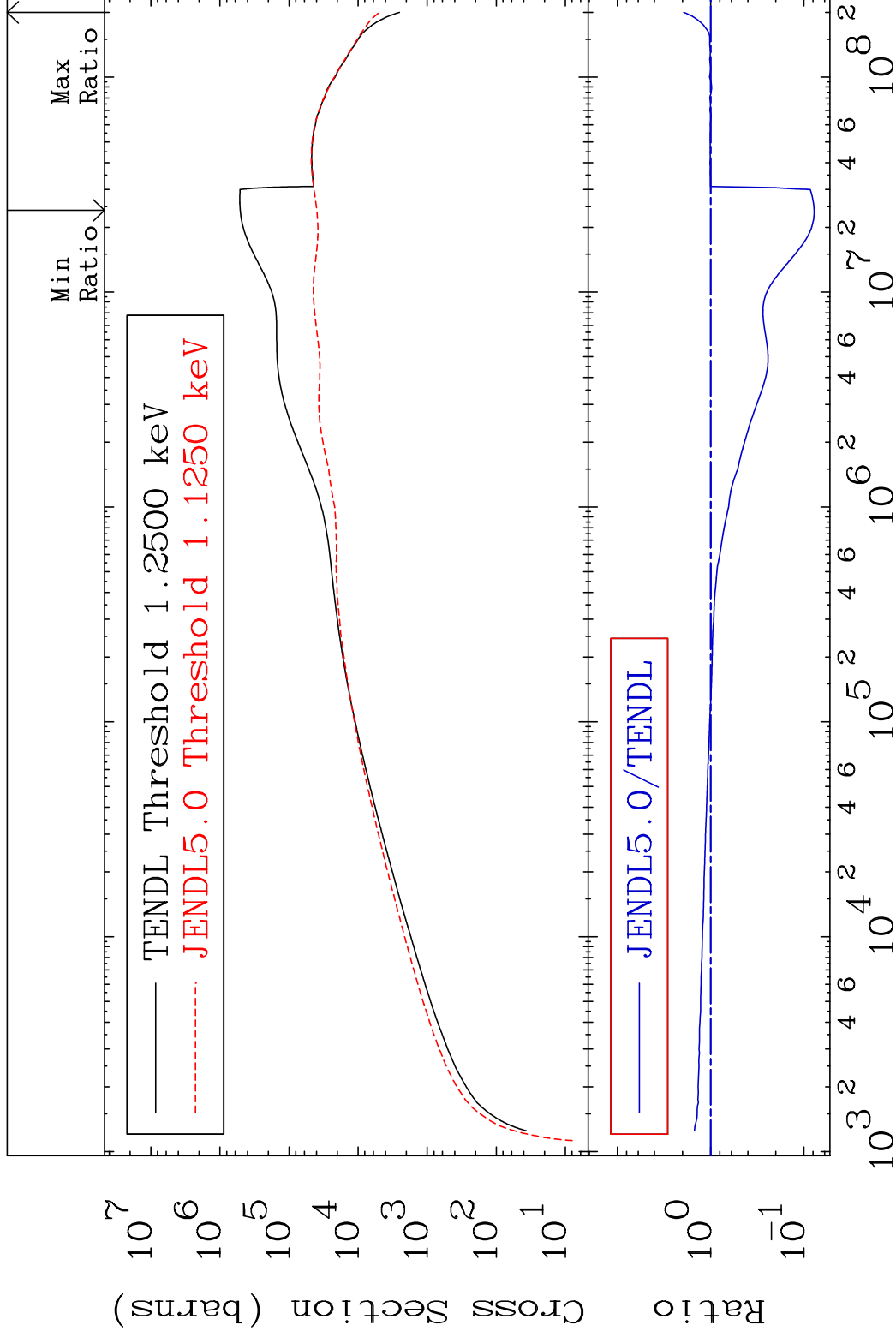


MAT 7523

Dpa elastic (mt2)

75-Re-184m

Cross Section -92.22 To 94.90 %

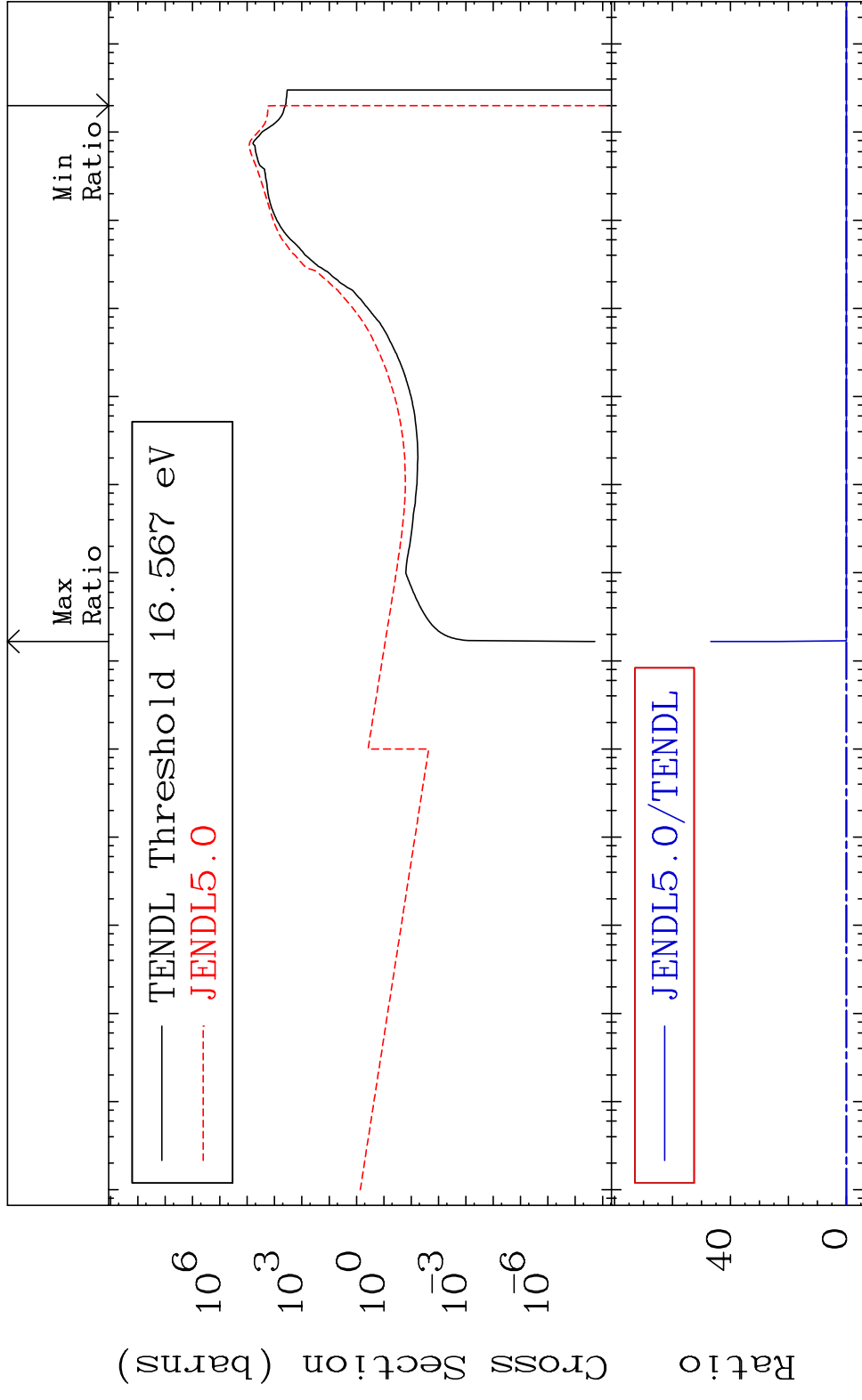


62

Incident Energy (eV)

75-Re-184m

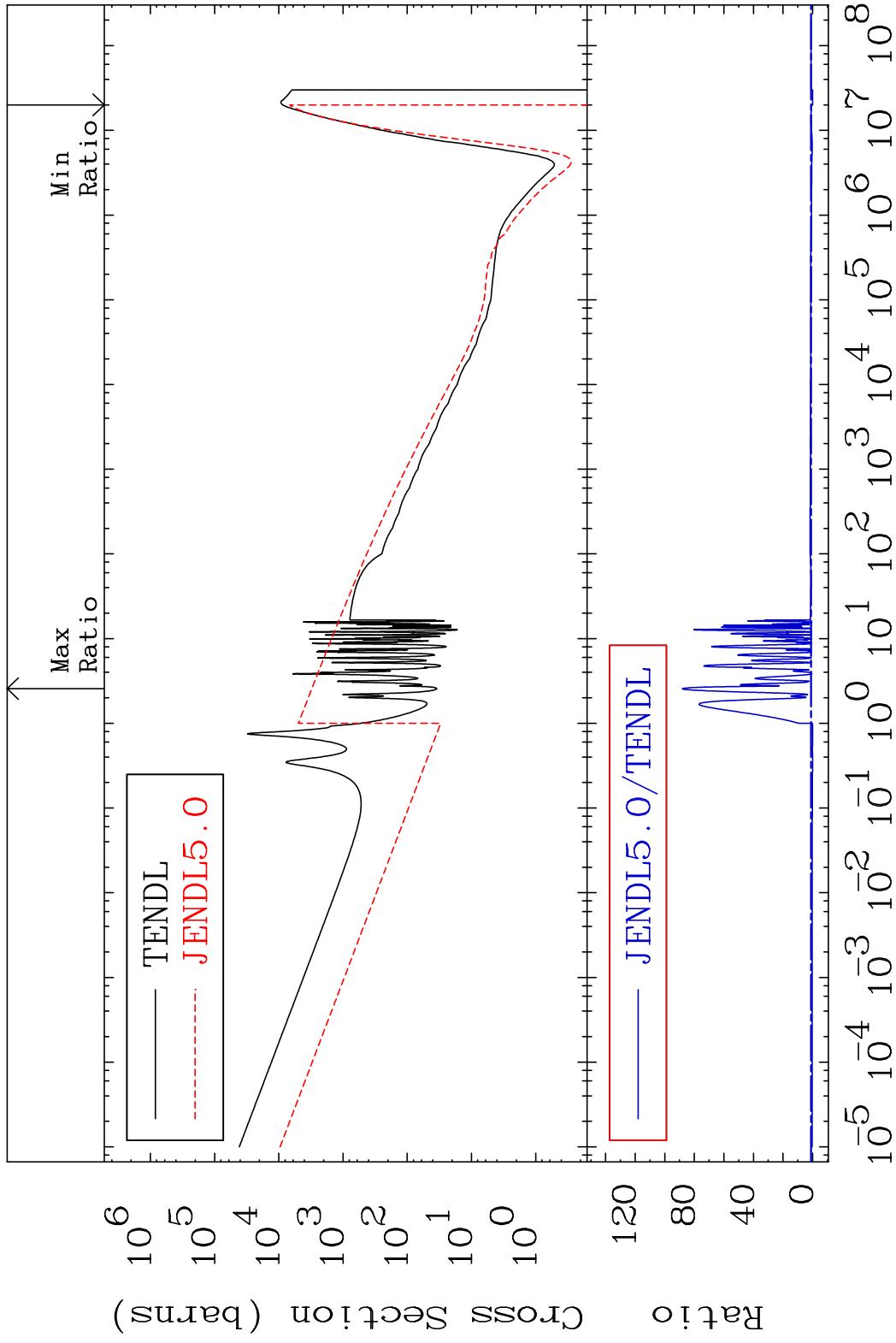
MAT 7523      Dpa inelastic (mt51-91)      75-Re-184m  
 Cross Section      -100.0 To 9999. %



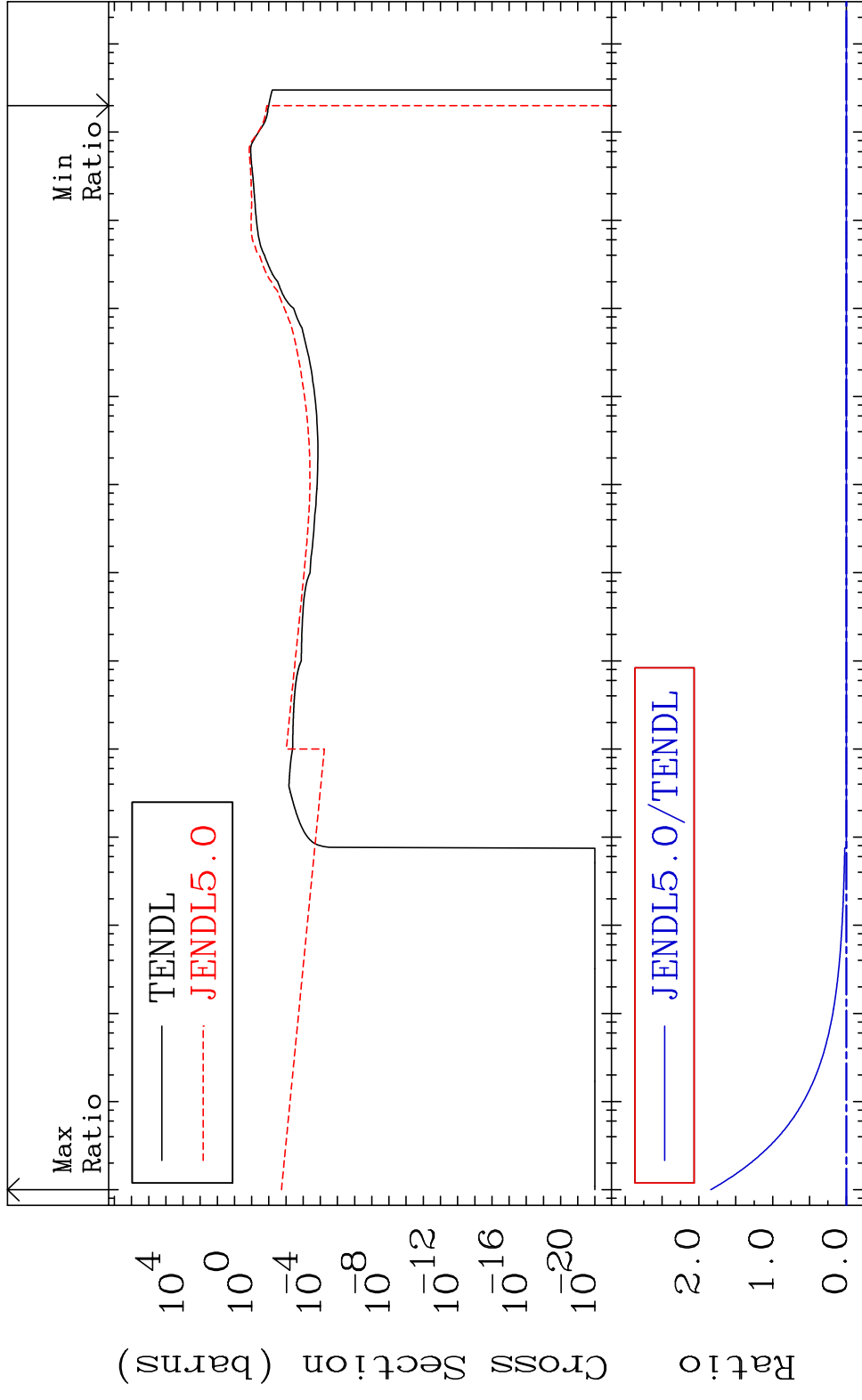
63      Incident Energy (eV)      75-Re-184m



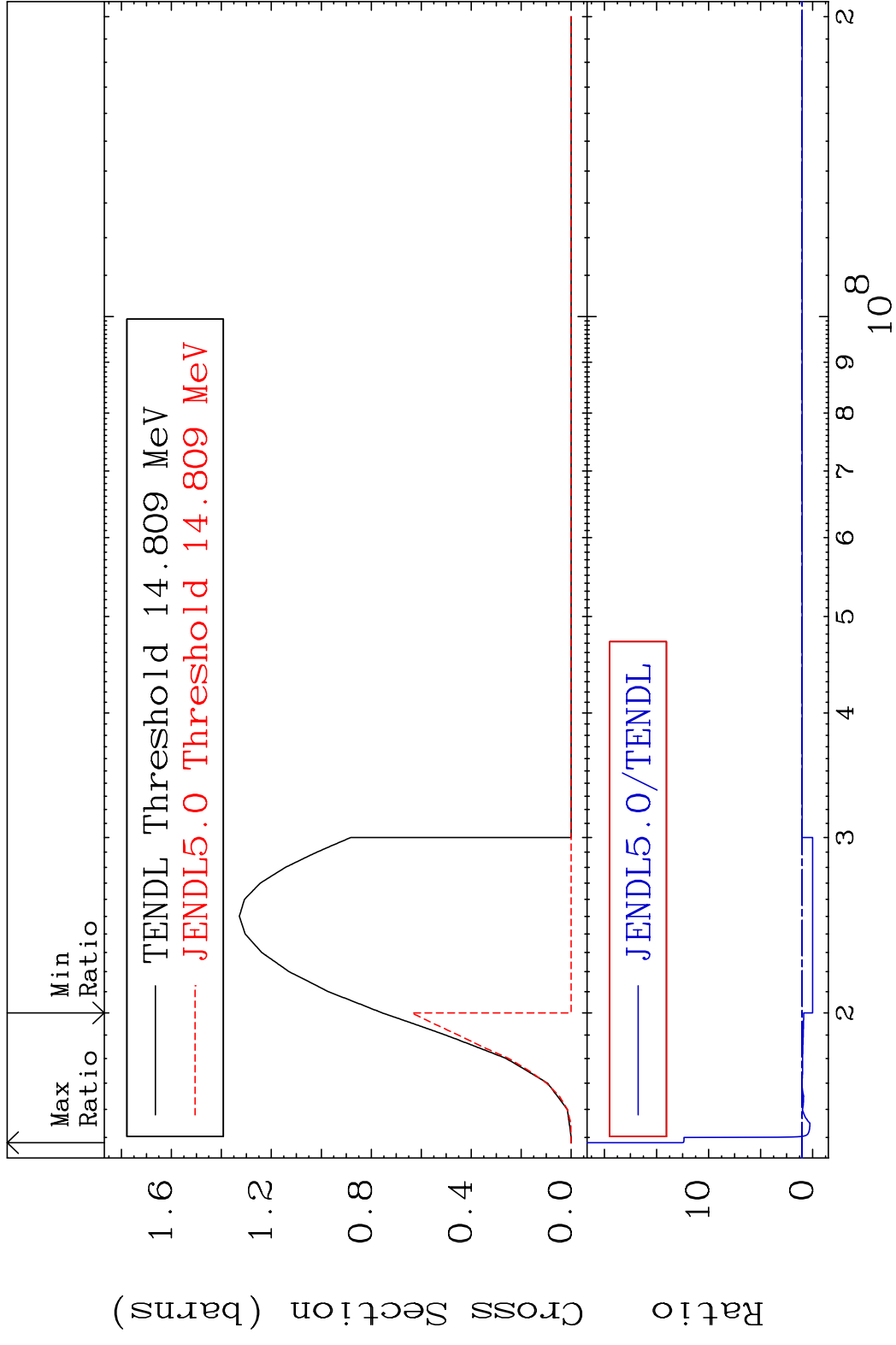
MAT 7523 Dpa disappearance (mt102 -120) 75-Re-184m  
 Cross Section -100.0 To 8709. %



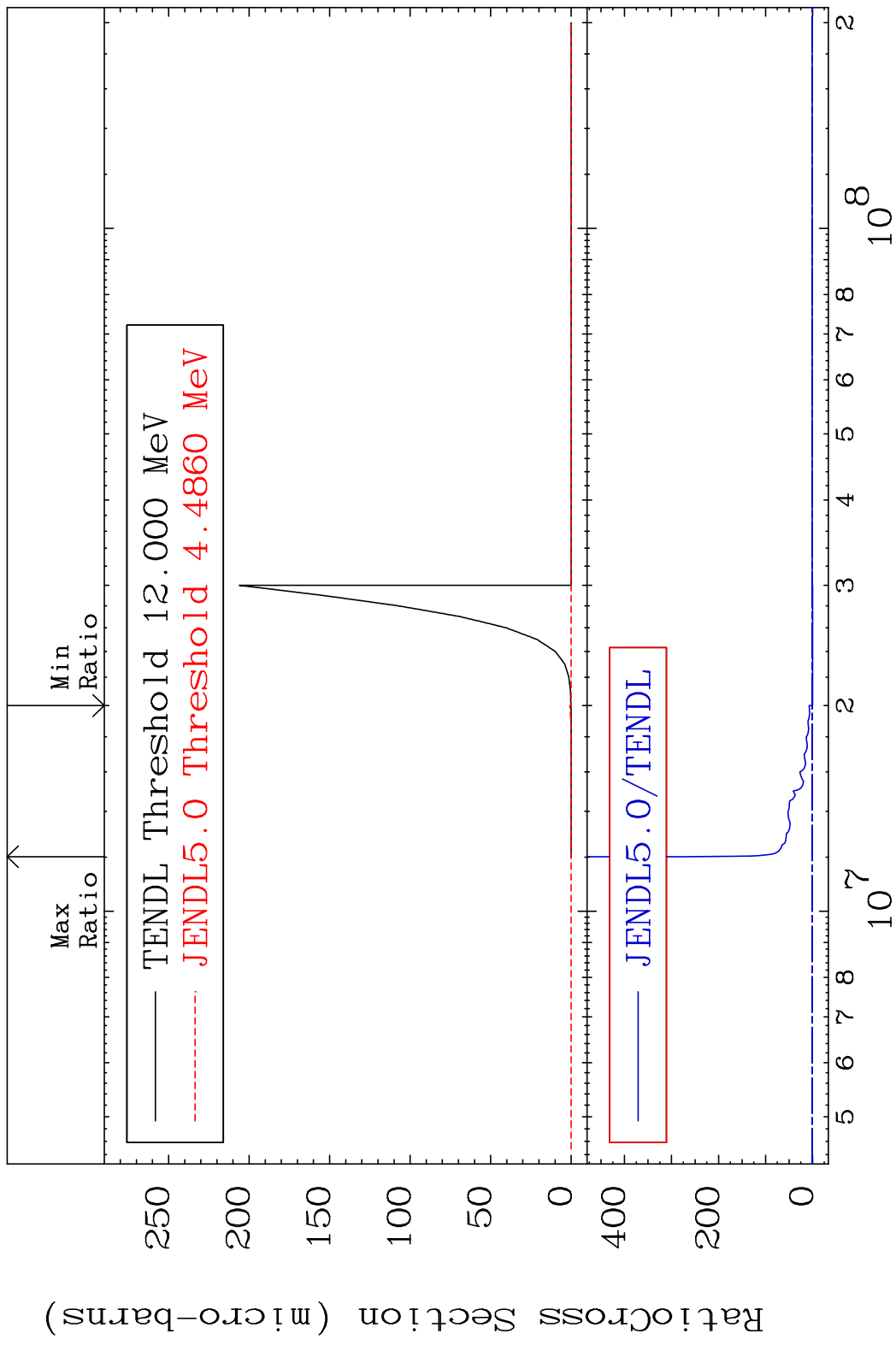
MAT 7523 Inelastic:75-Re-184g 75-Re-184m  
 Radionuclide Production Cross Section Ratio 9999. %



MAT 7523 (n,3n):75-Re-182g 75-Re-184m  
 Radionuclide Production Cross Section 182g to 184m 1152. %



MAT 7523 (n, He-3): 73-Ta-182g 75-Re-184m  
 Radionuclide Production Cross Section 180c01 d10 9999. %



67 Incident Energy (eV) 75-Re-184m

MAT 7523 (n, He-3) : 73-Ta-182m1 75-Re-184m  
 Radionuclide Production Cross Section to 9999. %

