

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

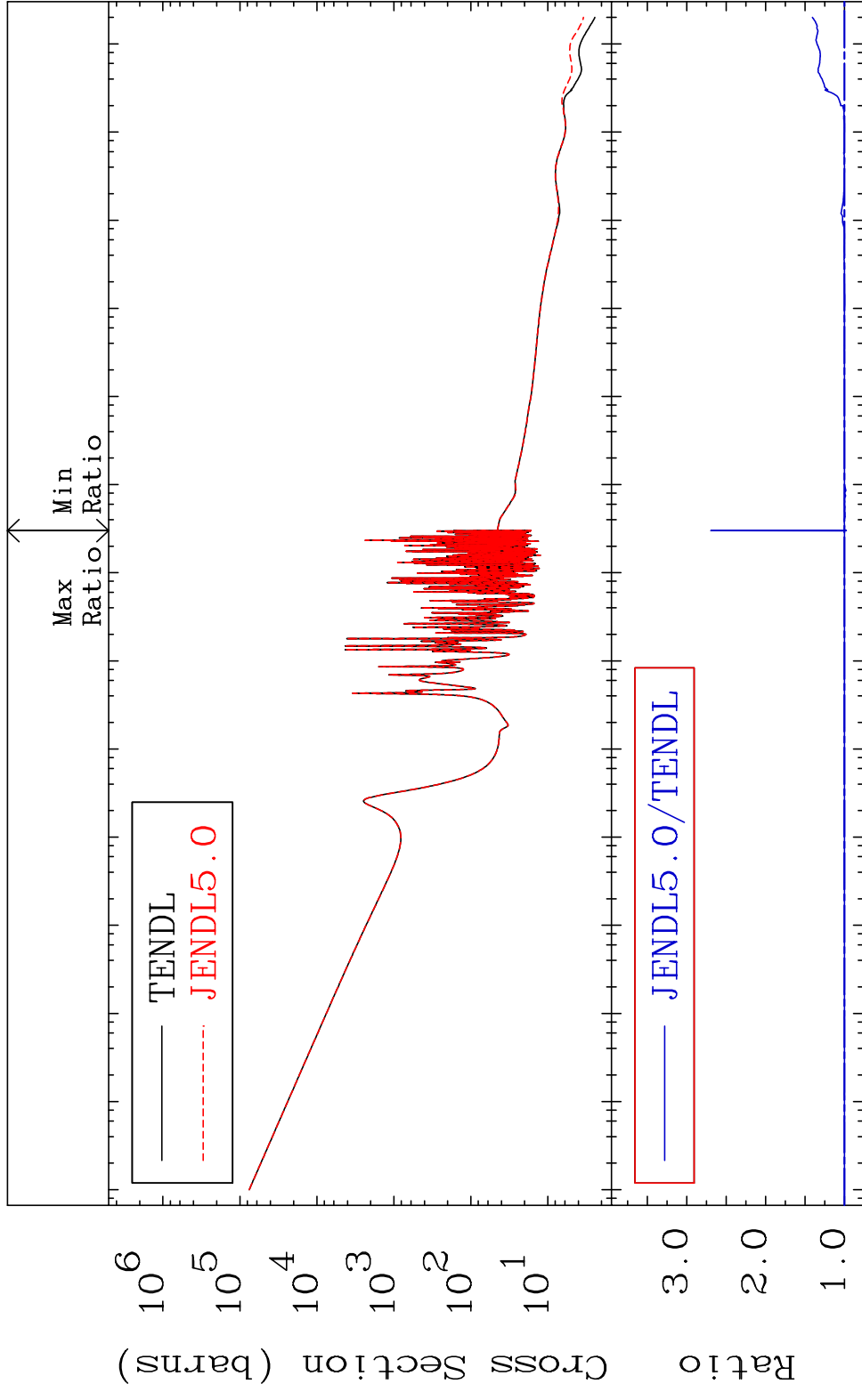
MAT 9443

Total

94-Pu-241

Cross Section

-2.399 To 169.6 %



1

Incident Energy (eV)

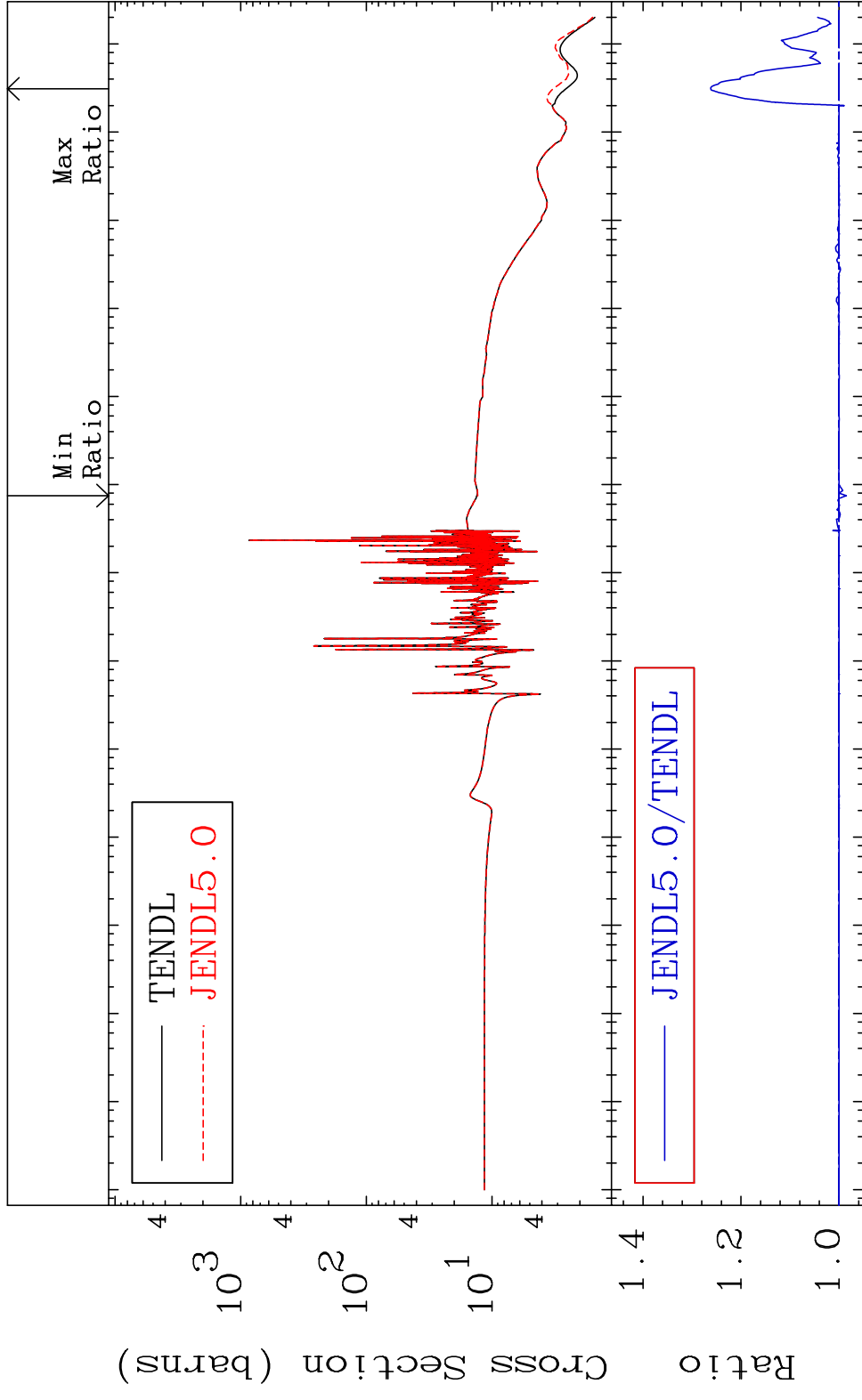
94-Pu-241

MAT 9443

Elastic

94-Pu-241

Cross Section -1.493 To 26.18 %

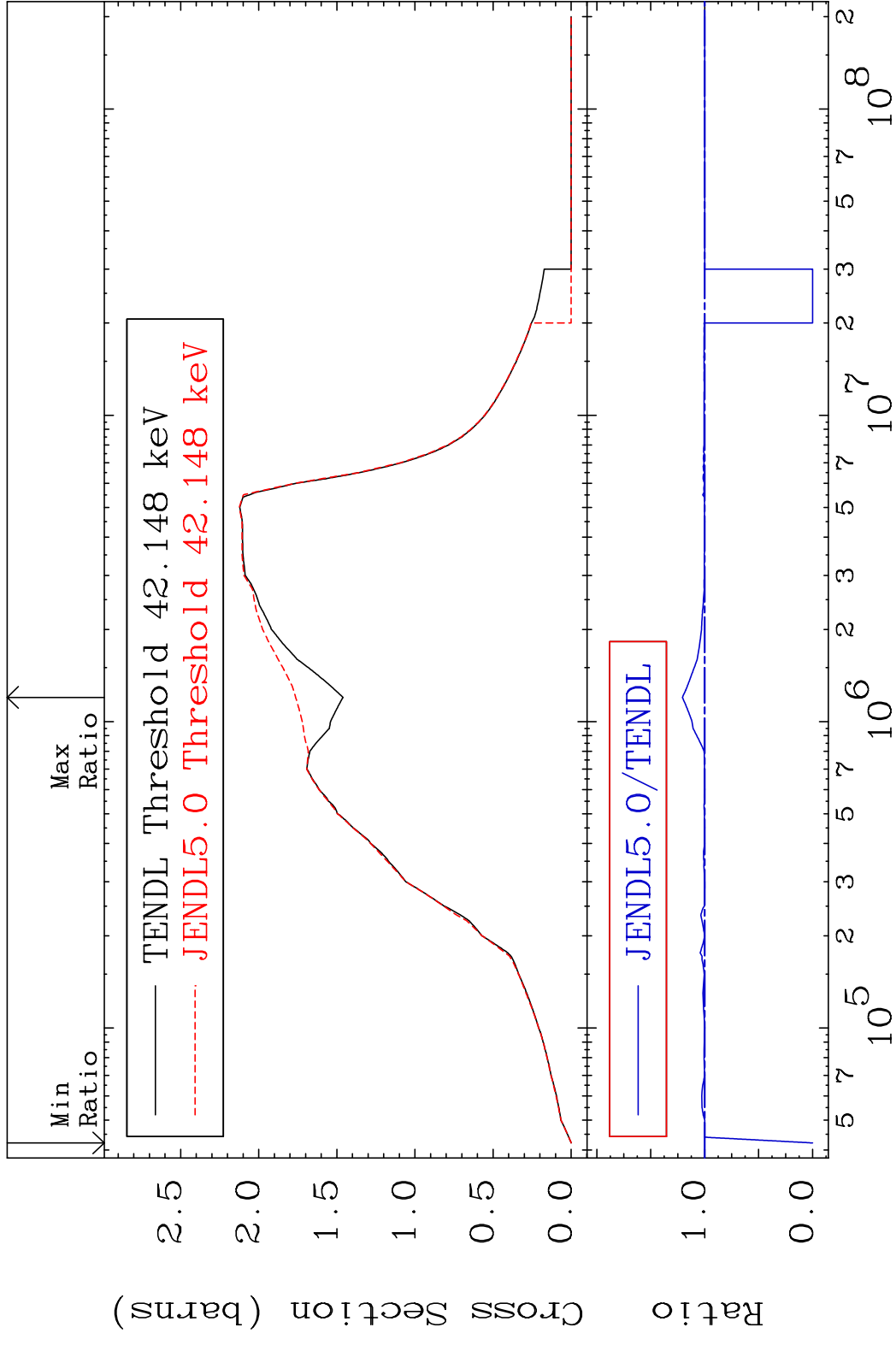


2

Incident Energy (eV)

94-Pu-241

MAT 9443 Inelastic 94-Pu-241  
 Cross Section -100.0 To 20.71 %

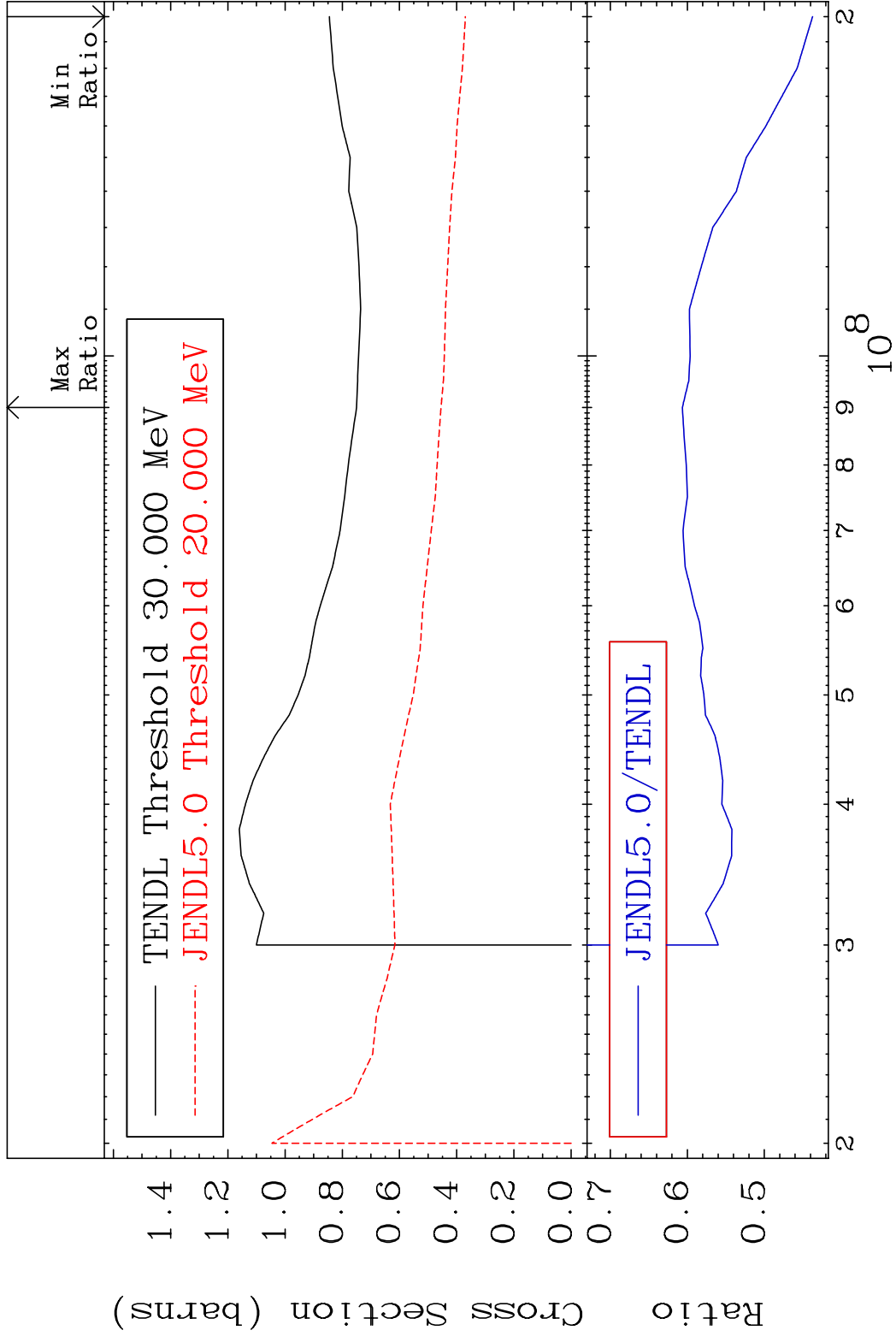


MAT 9443

(n, remainder)

94-Pu-241

Cross Section -56.26 To -39.35%



4

Incident Energy (eV)

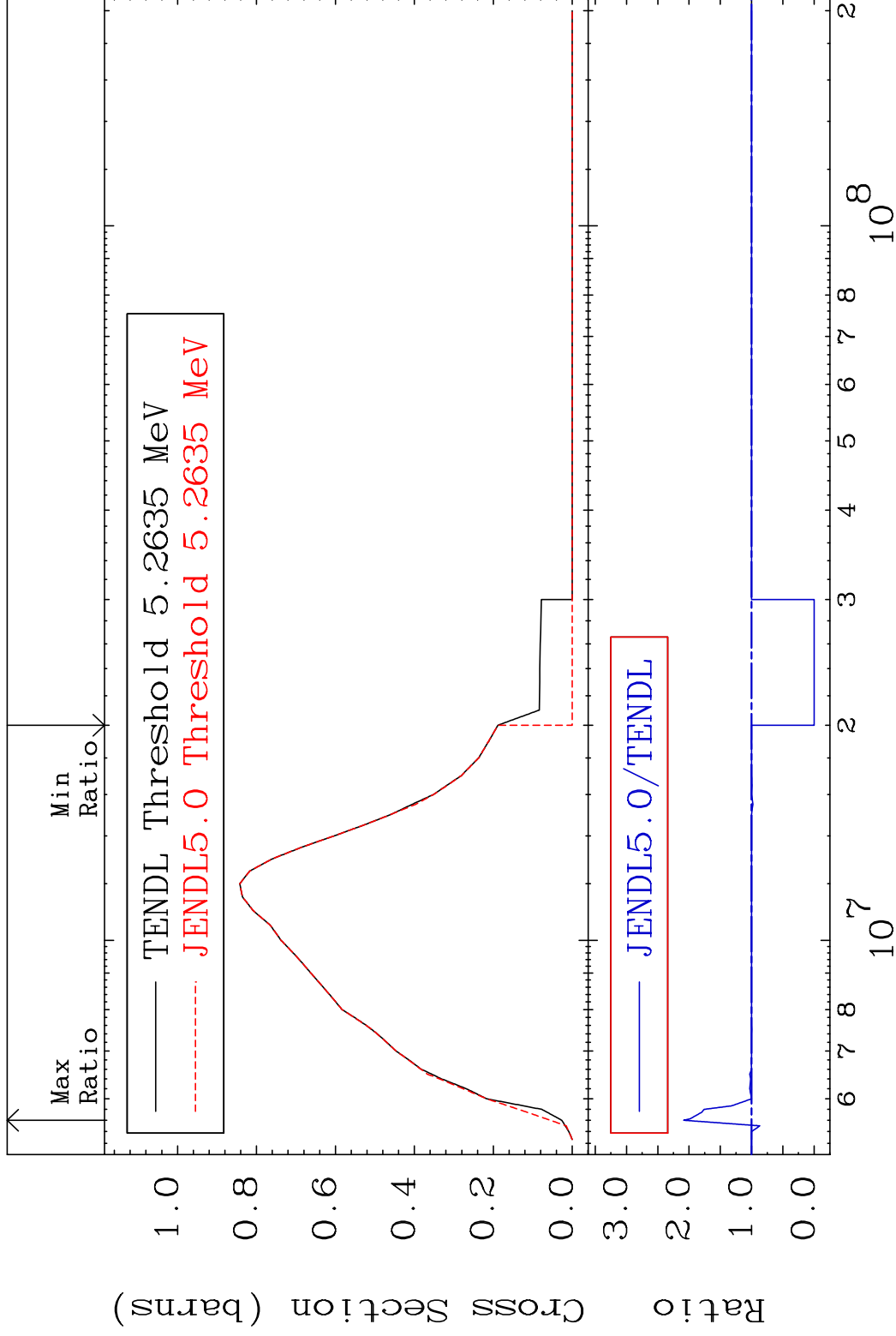
94-Pu-241

MAT 9443

(n,2n)

94-Pu-241

Cross Section -100.0 To 108.6 %

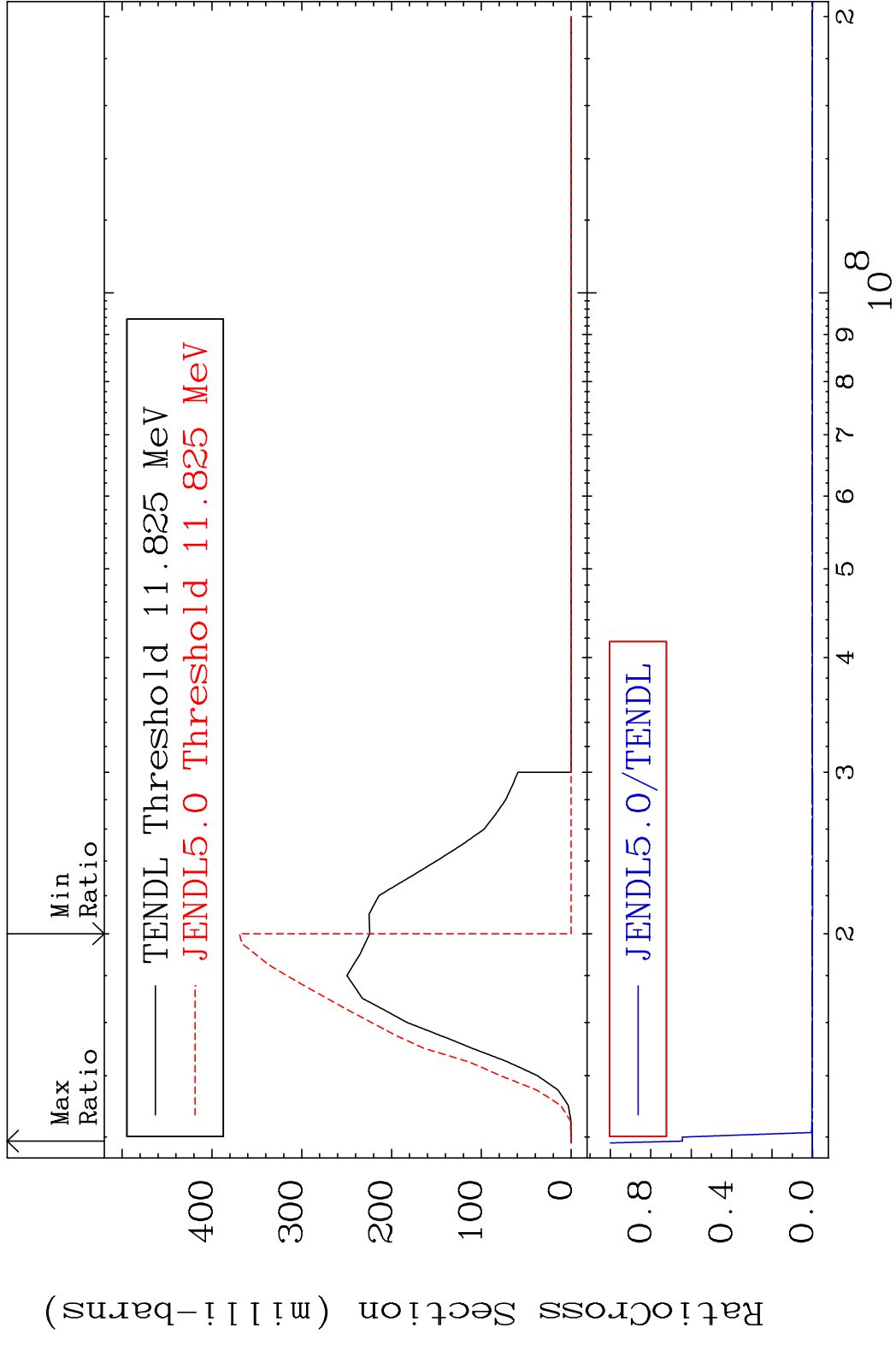


5

Incident Energy (eV)

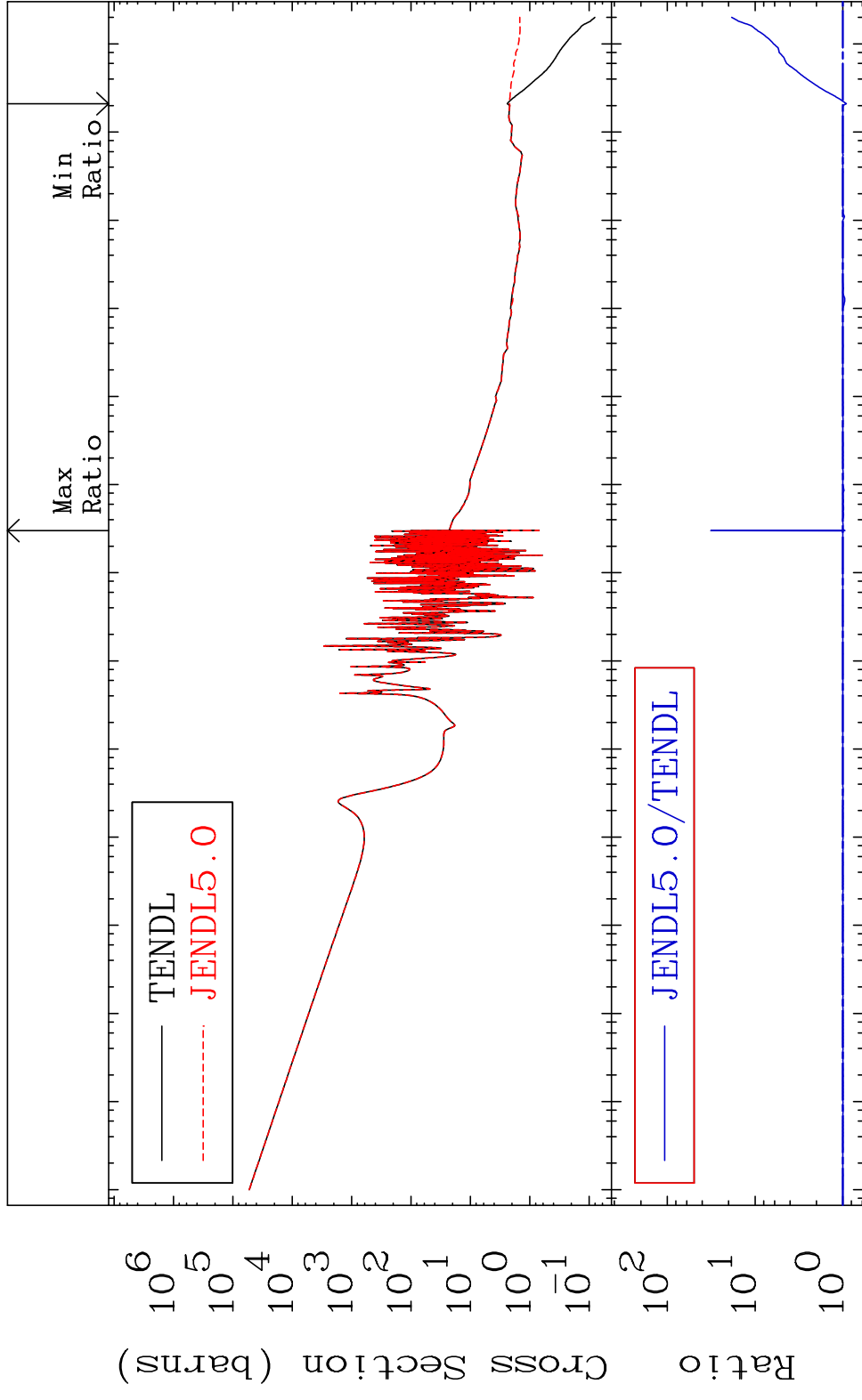
94-Pu-241

MAT 9443 (n,3n) 94-Pu-241  
 Cross Section -100.0 To 9999. %



MAT 9443

Fission  
Cross Section -8.535 To 3100. %  
94-Pu-241



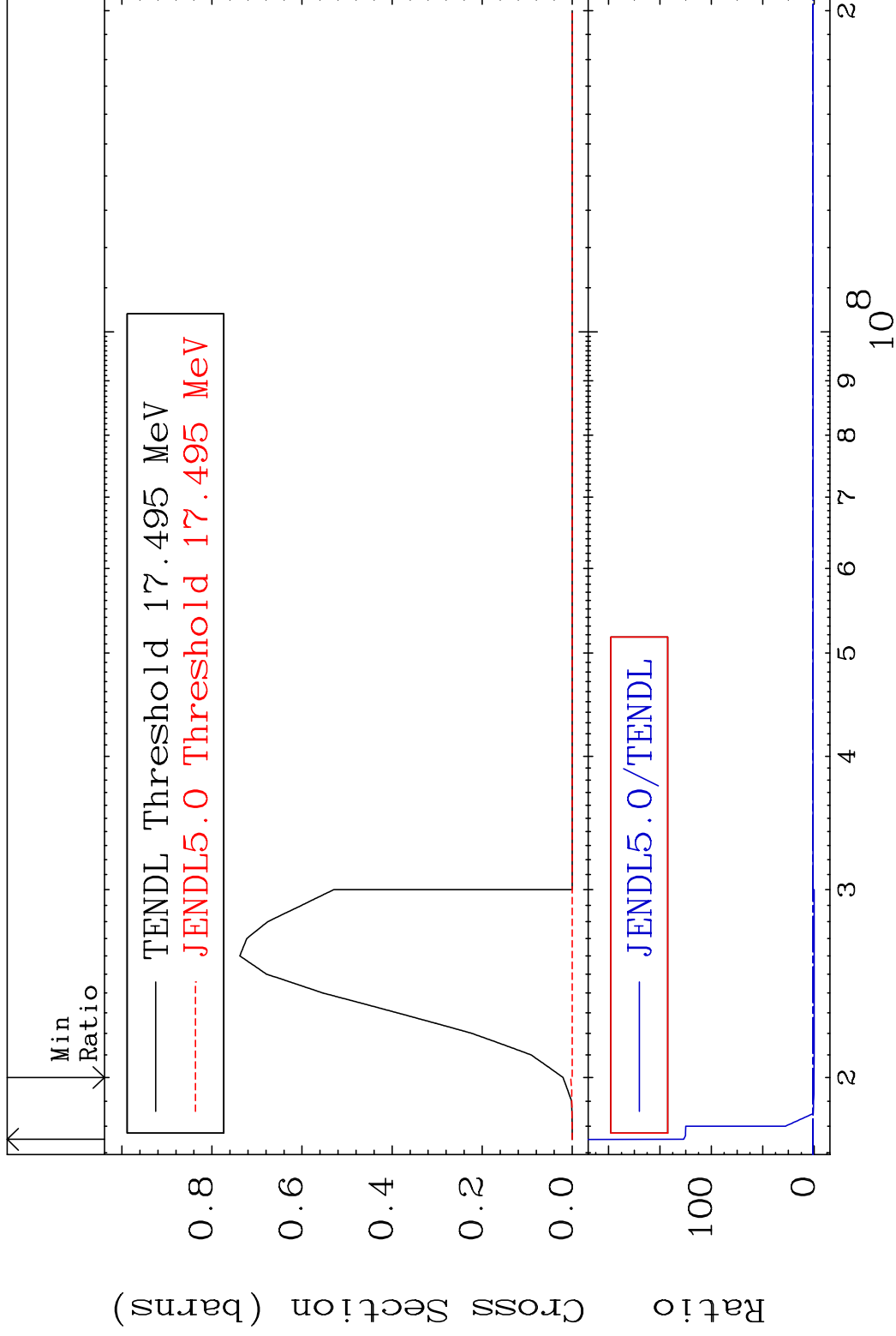
7 Incident Energy (eV) 94-Pu-241

MAT 9443

(n, 4n)

94-Pu-241

Cross Section -100.0 To 9999. %

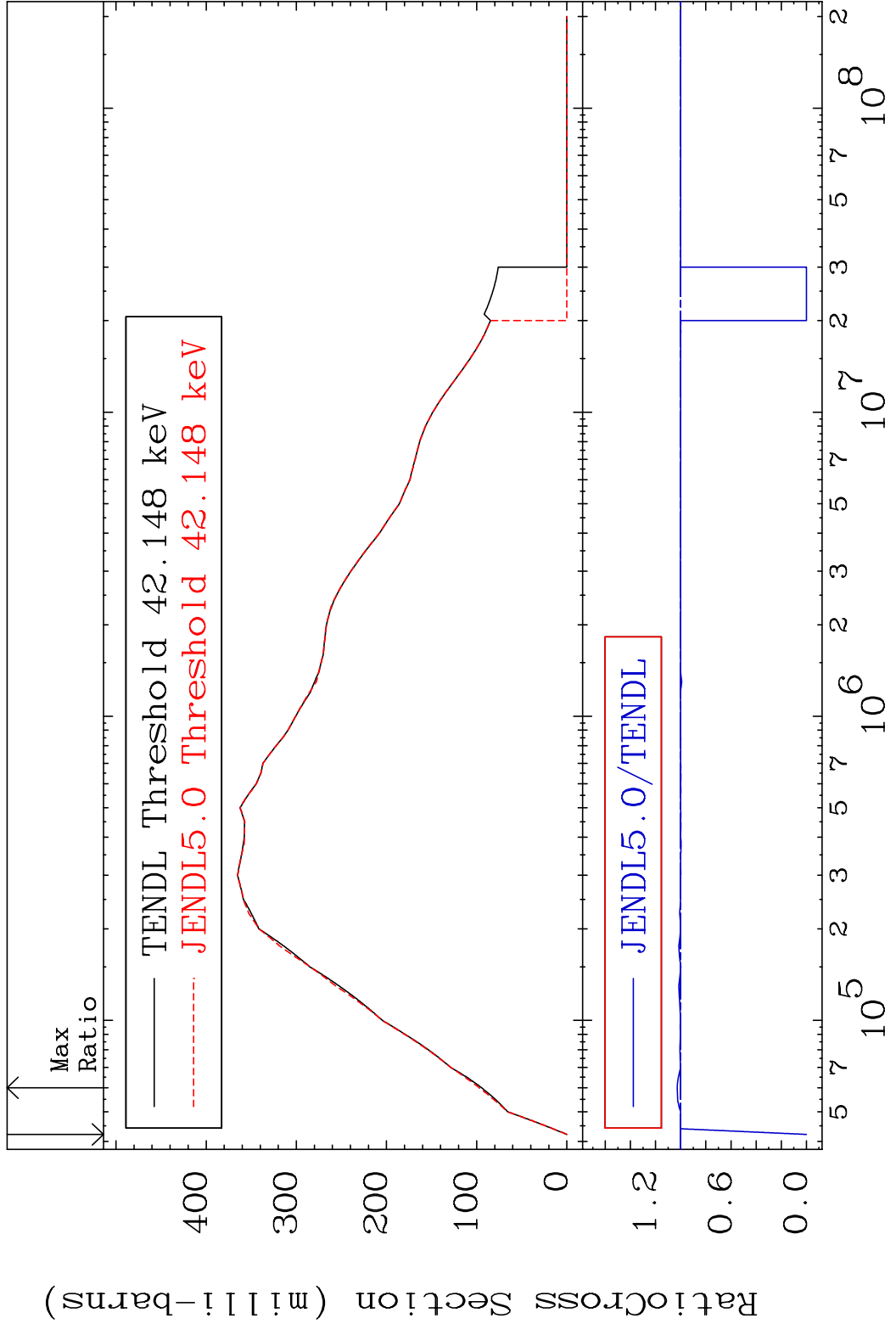


8

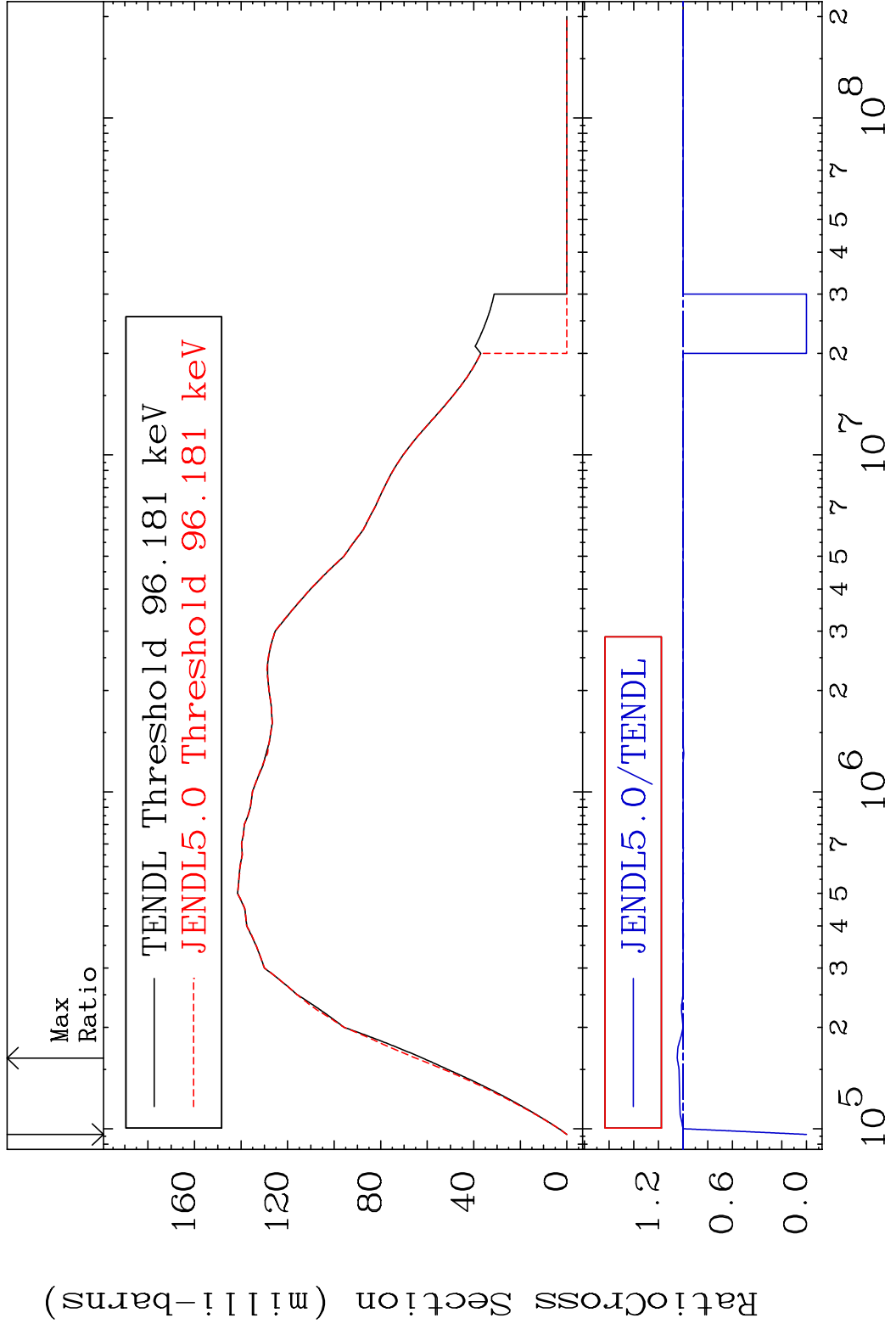
Incident Energy (eV)

94-Pu-241

MAT 9443 MT= 51 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 2.796 %

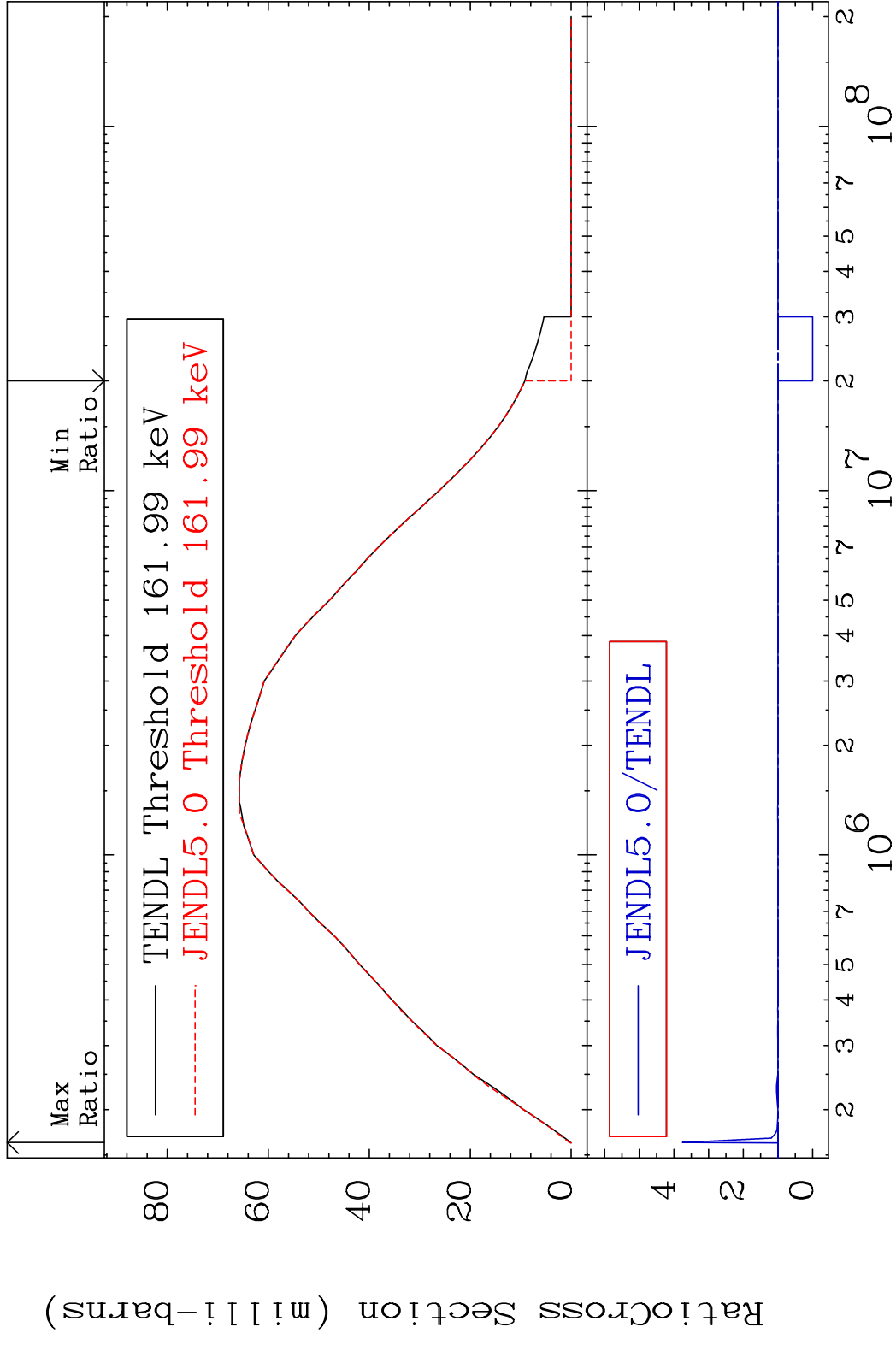


MAT 9443 MT= 52 (n,n') Level 94-Pu-241  
 Cross Section -100.0 To 4.804 %

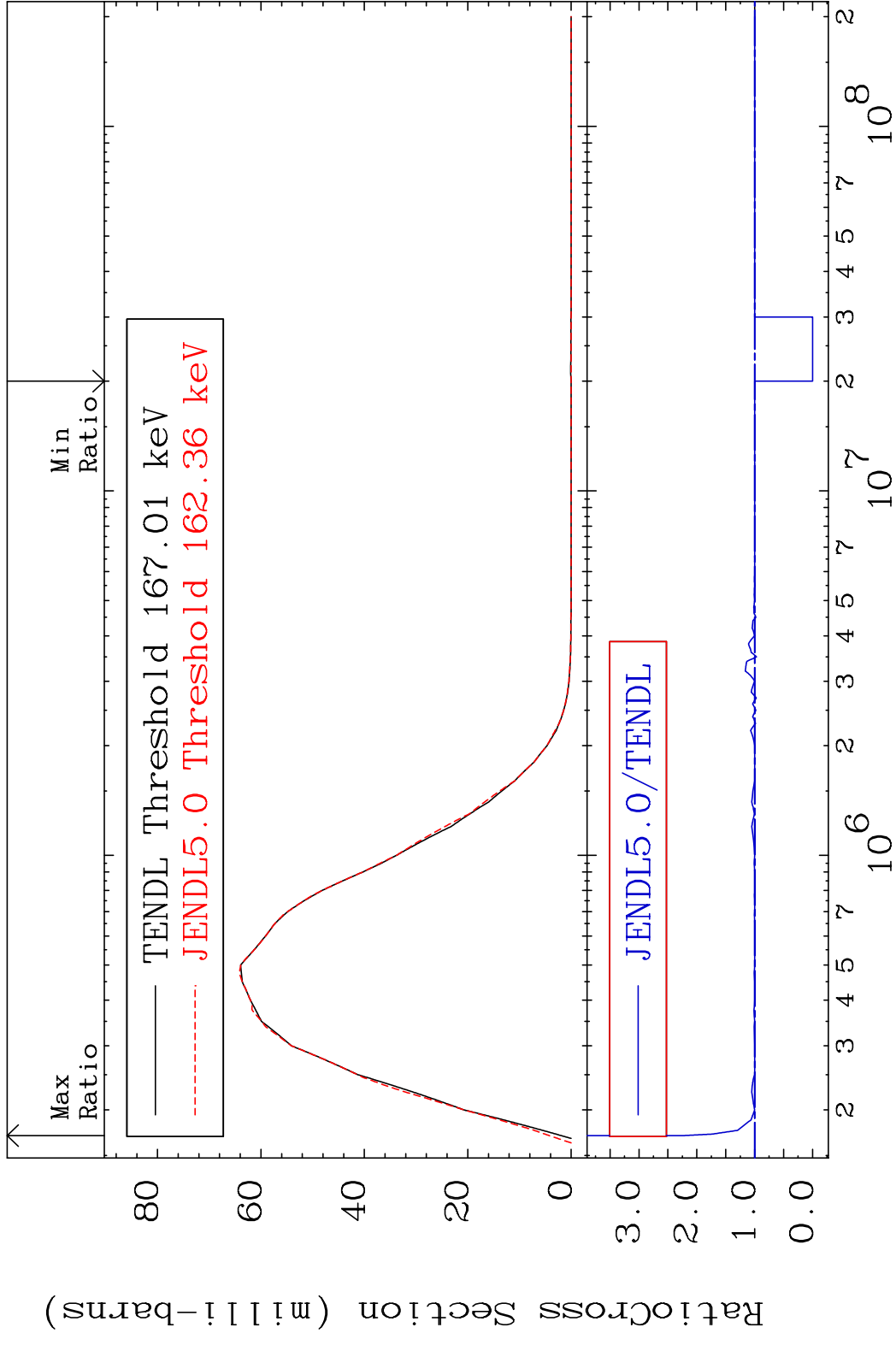


10 Incident Energy (eV) 94-Pu-241

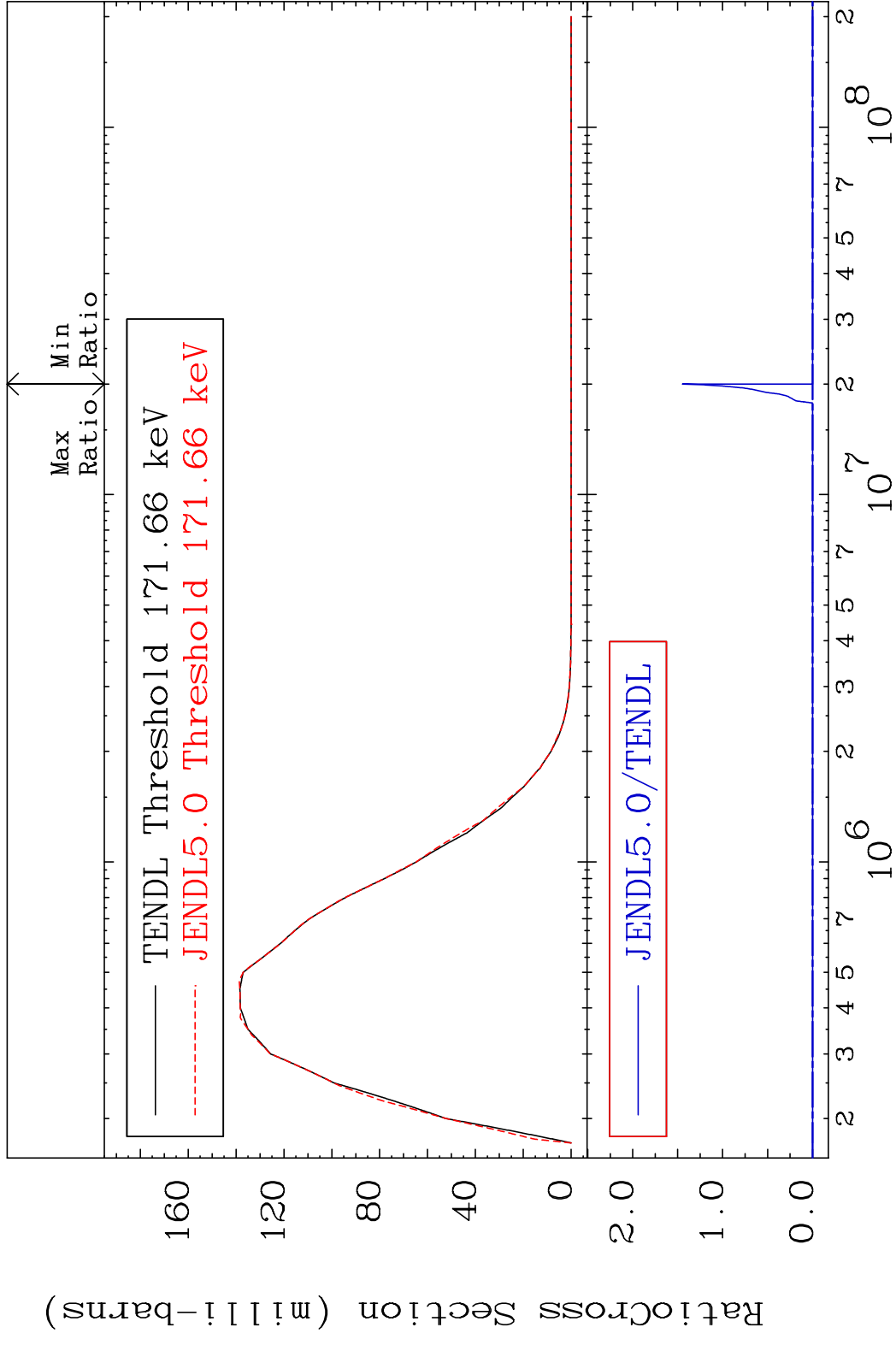
MAT 9443 MT= 53 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 275.8 %



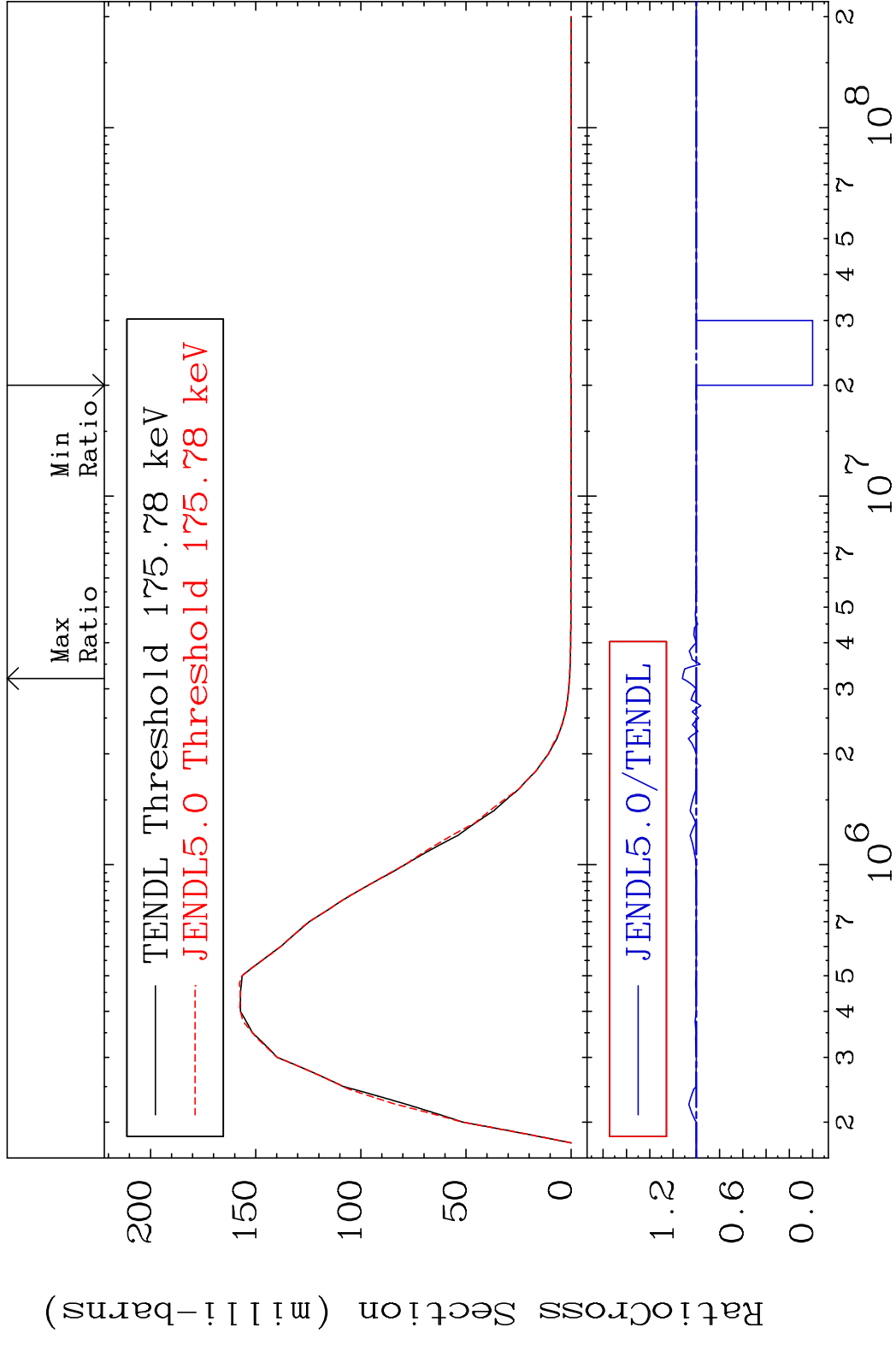
MAT 9443 MT= 54 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 125.0 %



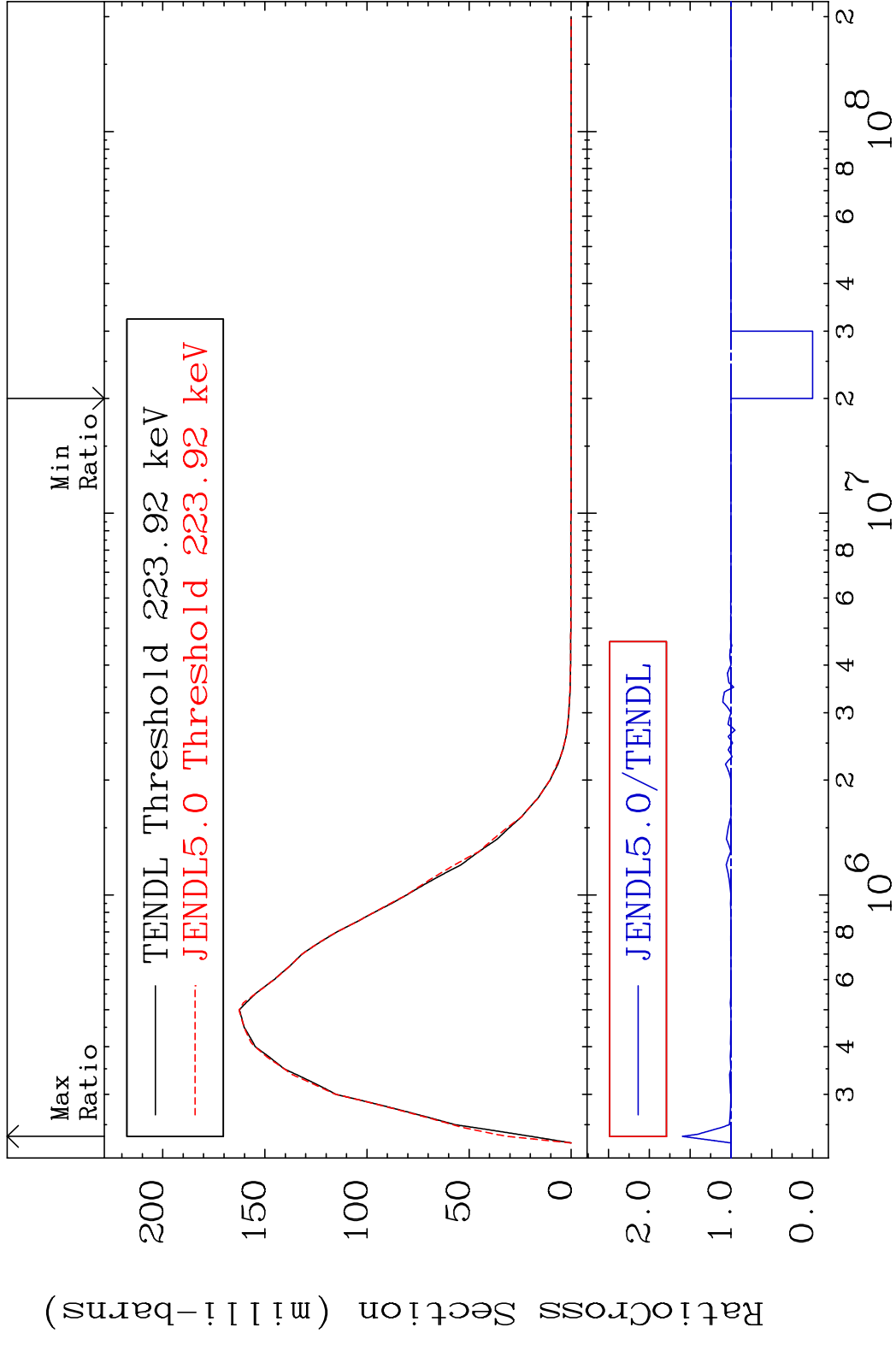
MAT 9443 MT= 55 (n,n') Level 94-Pu-241  
 Cross Section -100.0 To 9999. %



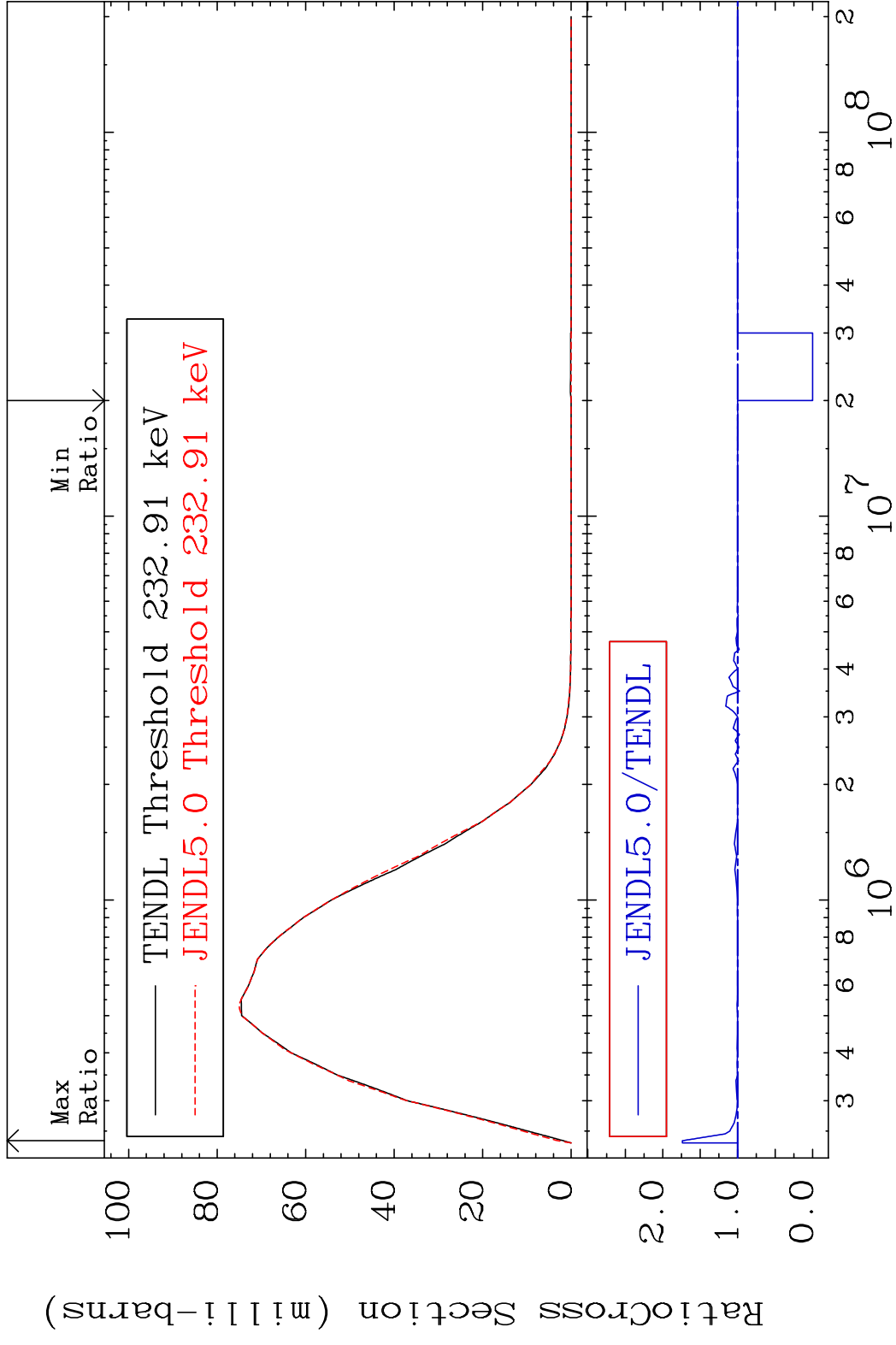
MAT 9443 MT= 56 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 11.91 %



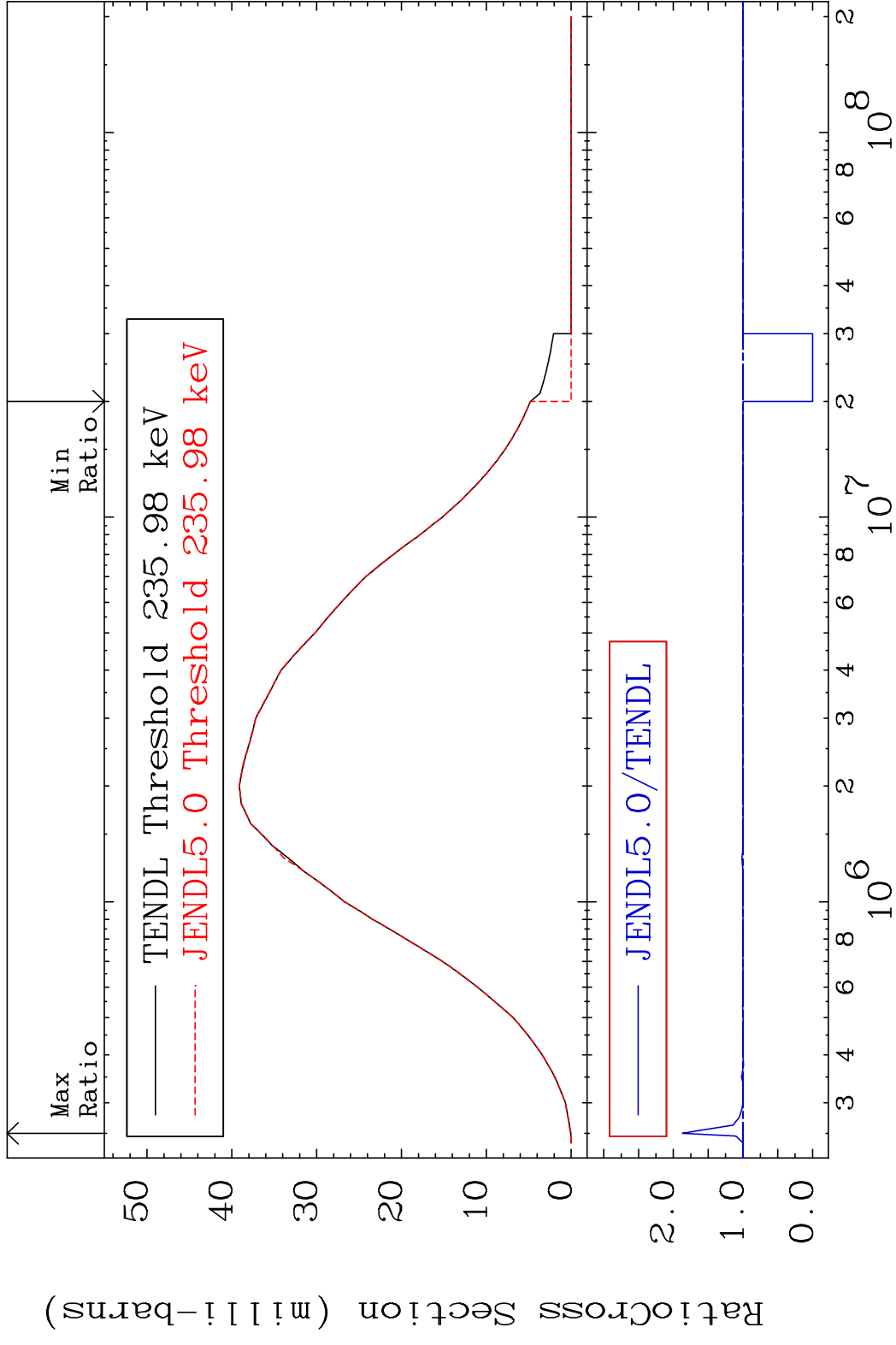
MAT 9443 MT= 57 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 59.56 %



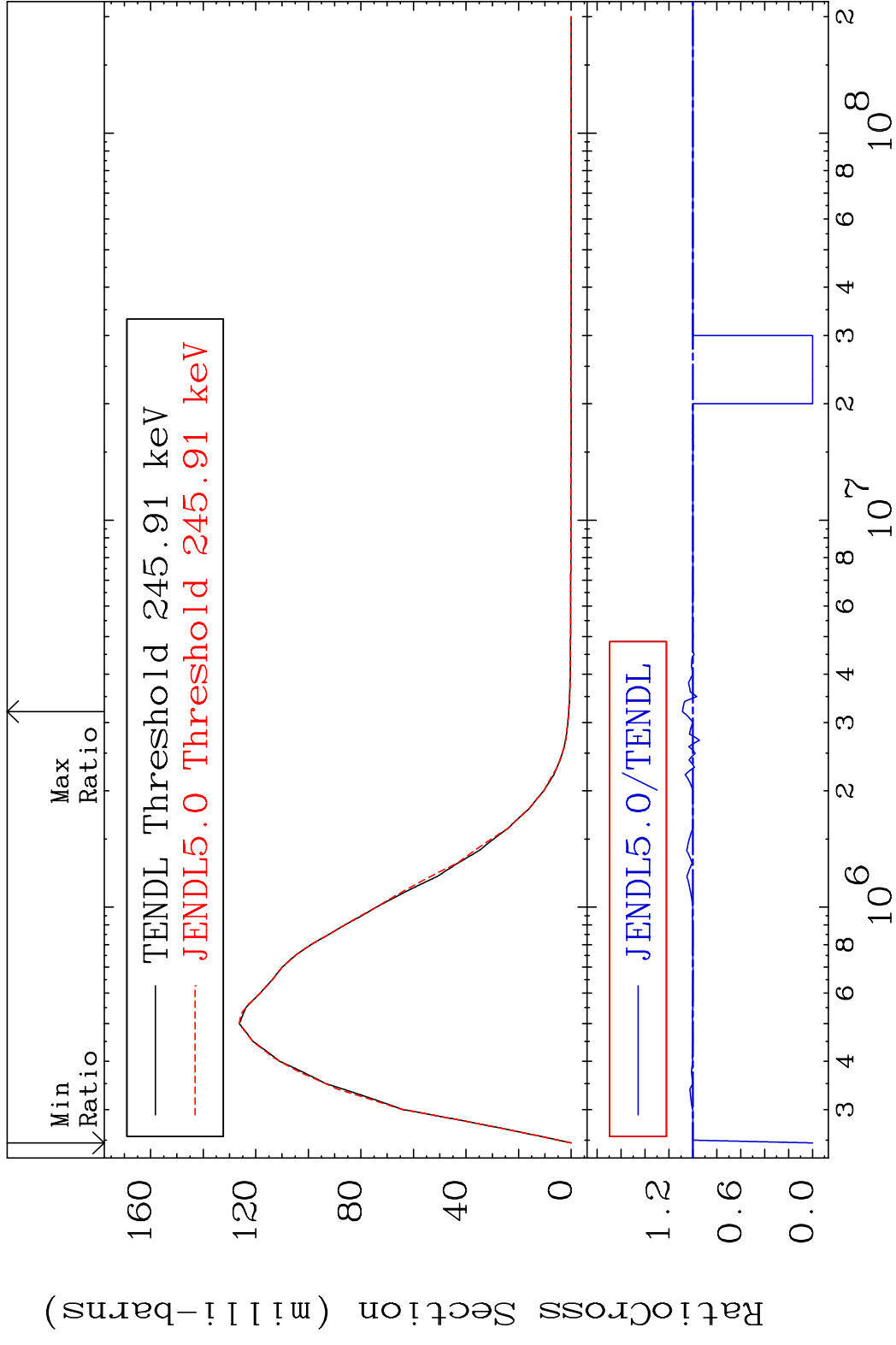
MAT 9443 MT= 58 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 73.82 %



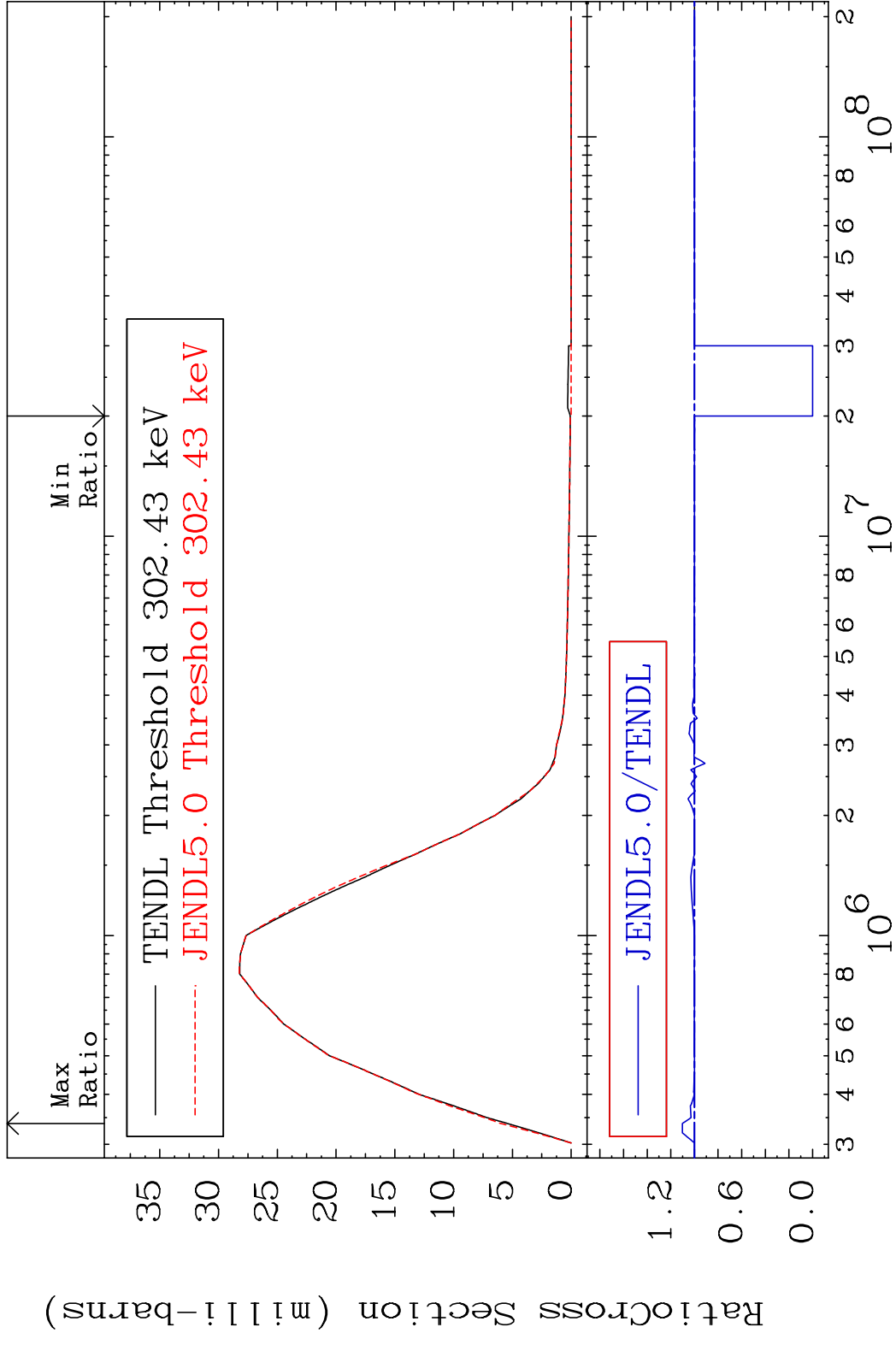
MAT 9443 MT= 59 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 87.09 %



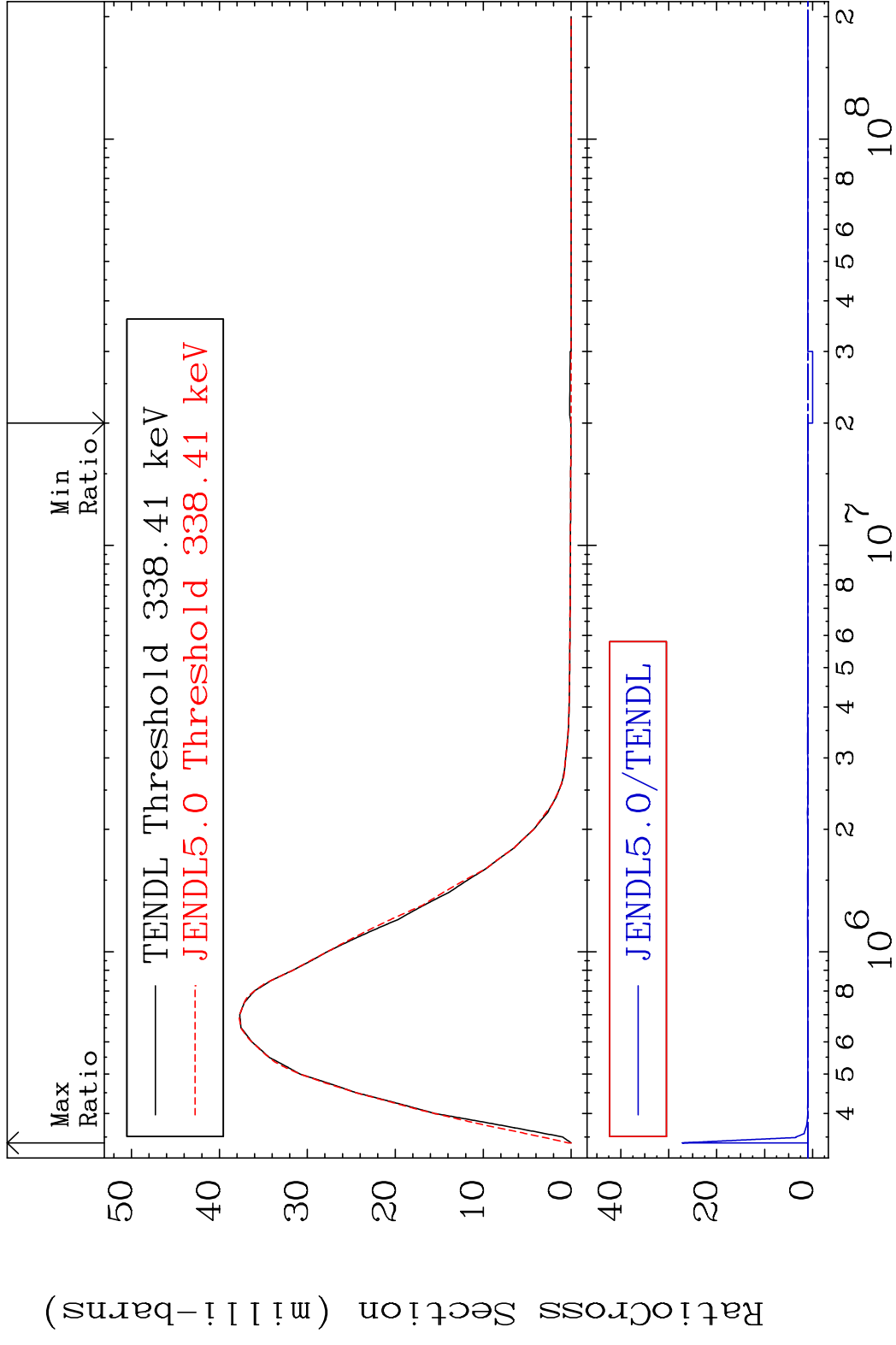
MAT 9443 MT= 60 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 8.822 %



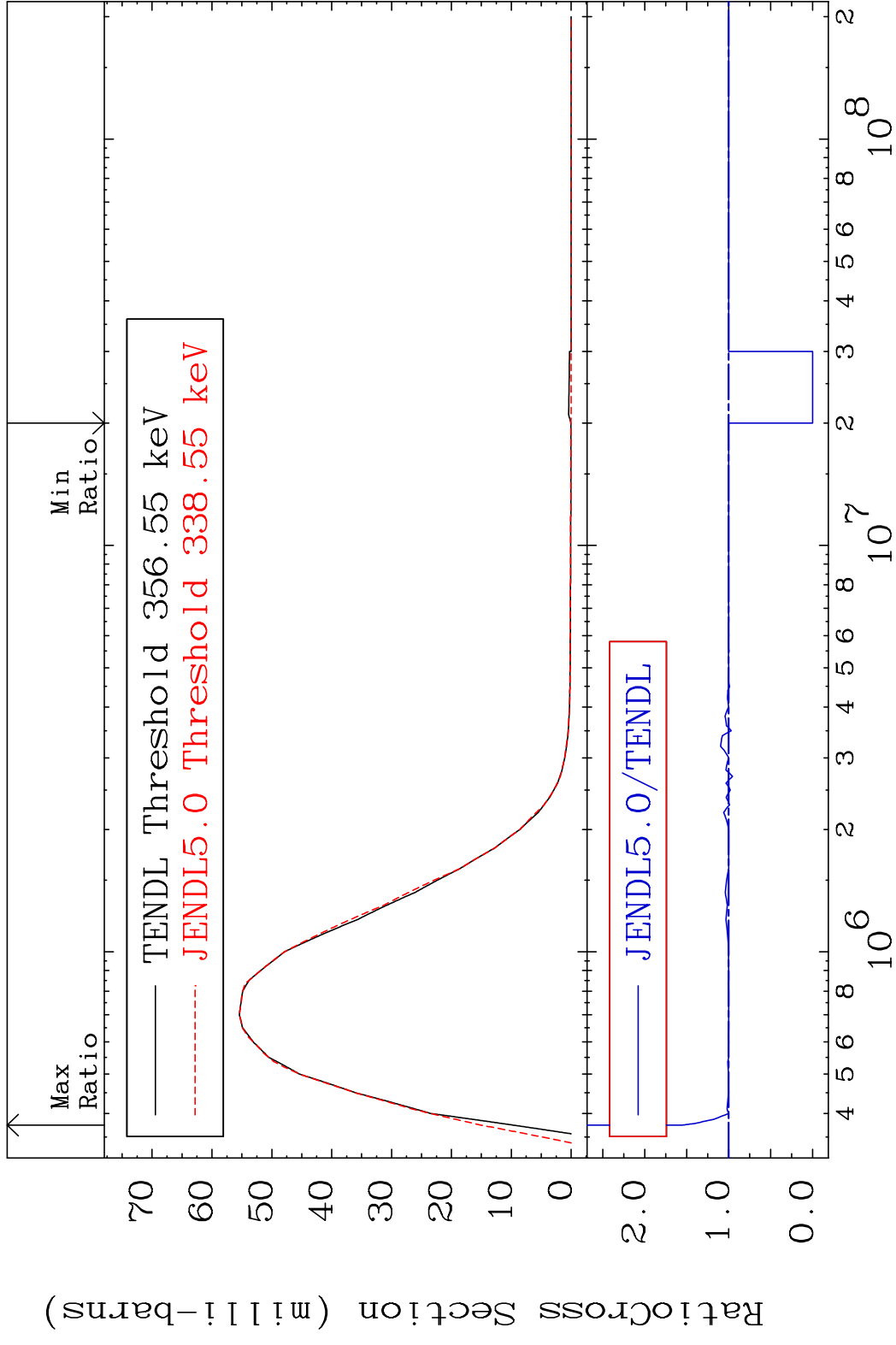
MAT 9443 MT= 61 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 10.22 %



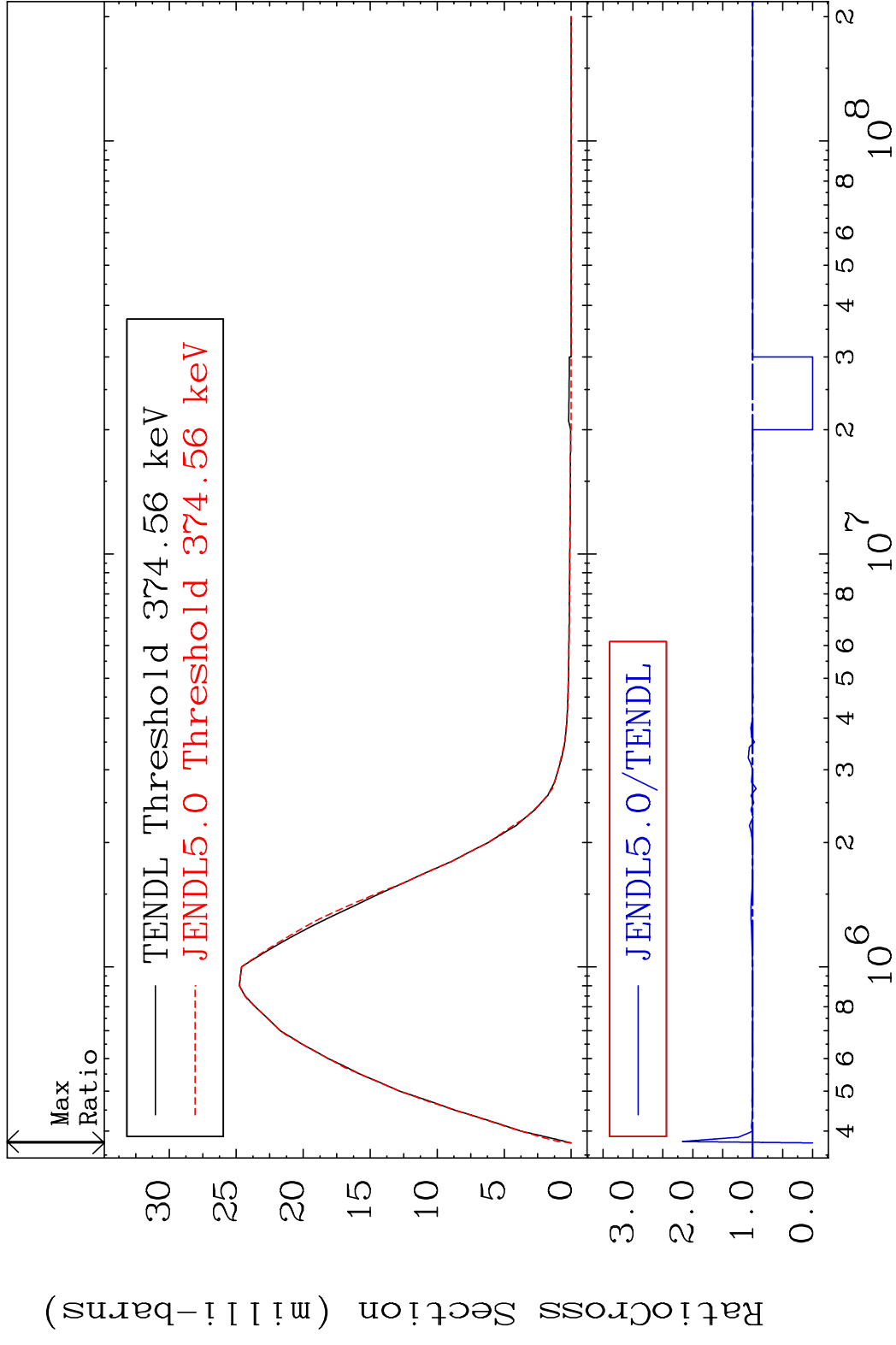
MAT 9443 MT= 62 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 2616. %



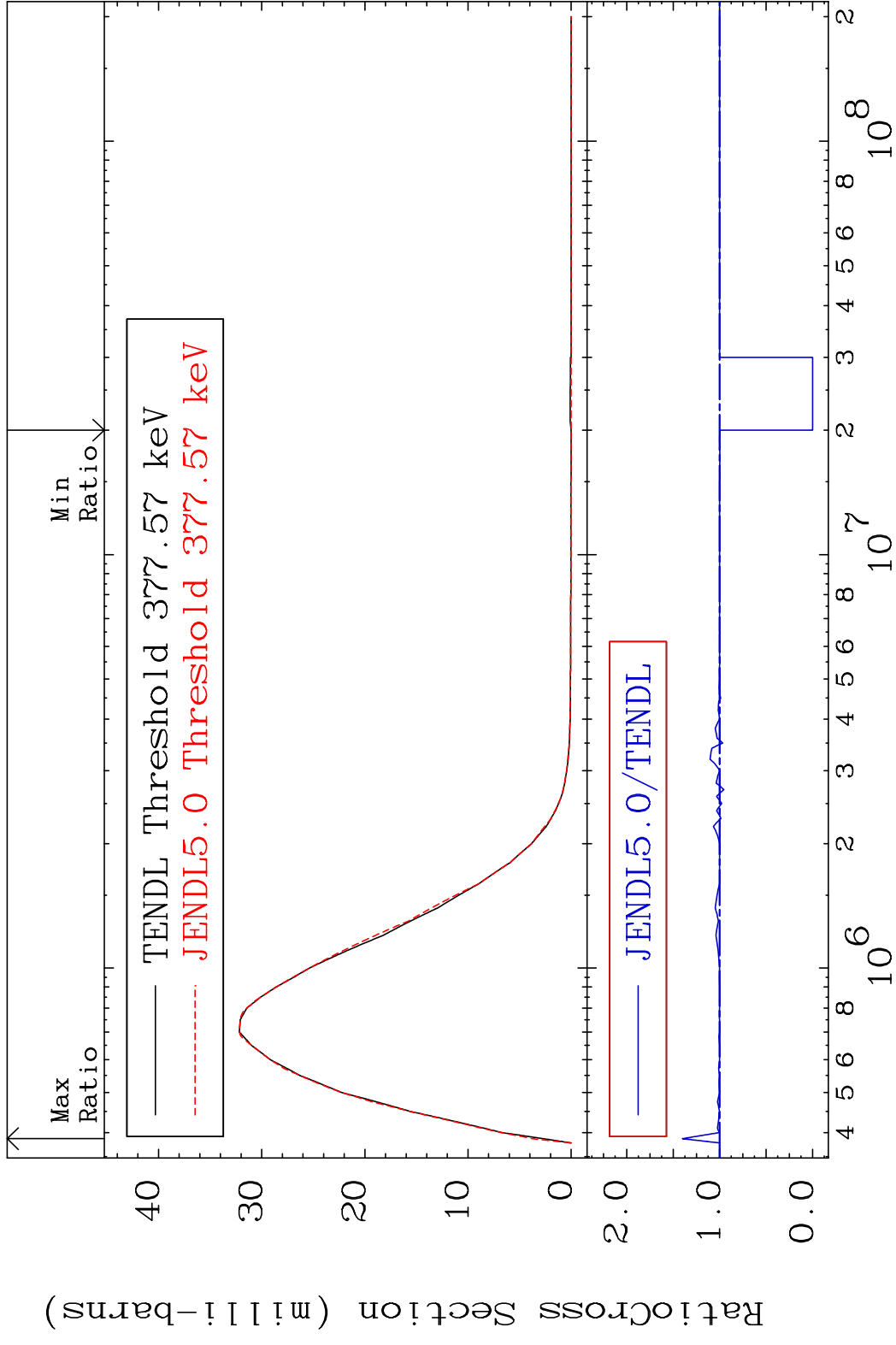
MAT 9443 MT= 63 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 55.21 %



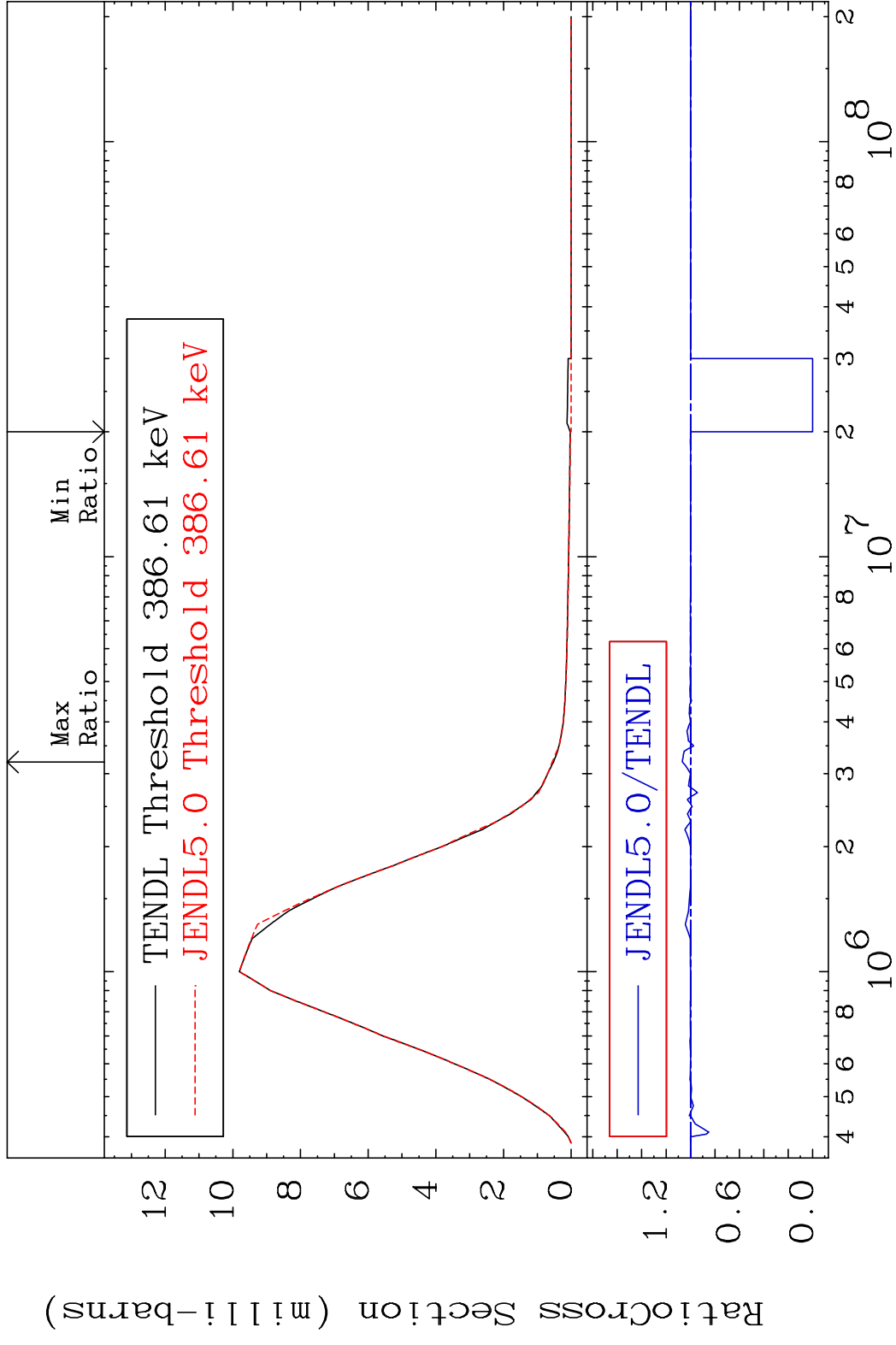
MAT 9443 MT= 64 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 117.5 %



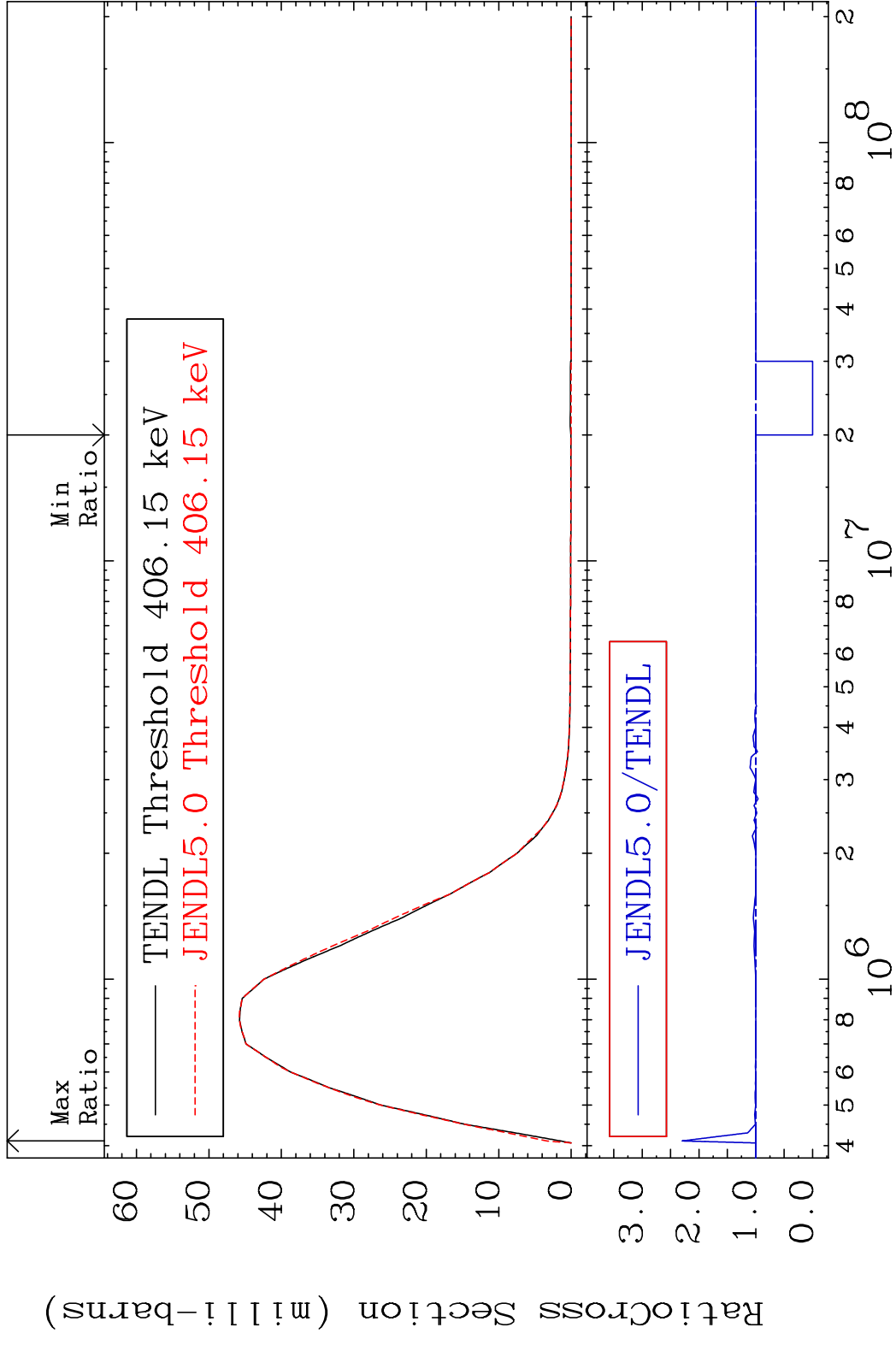
MAT 9443      MT= 65 (n,n') Level      94-Pu-241  
 Cross Section      -100.0 To 40.16 %



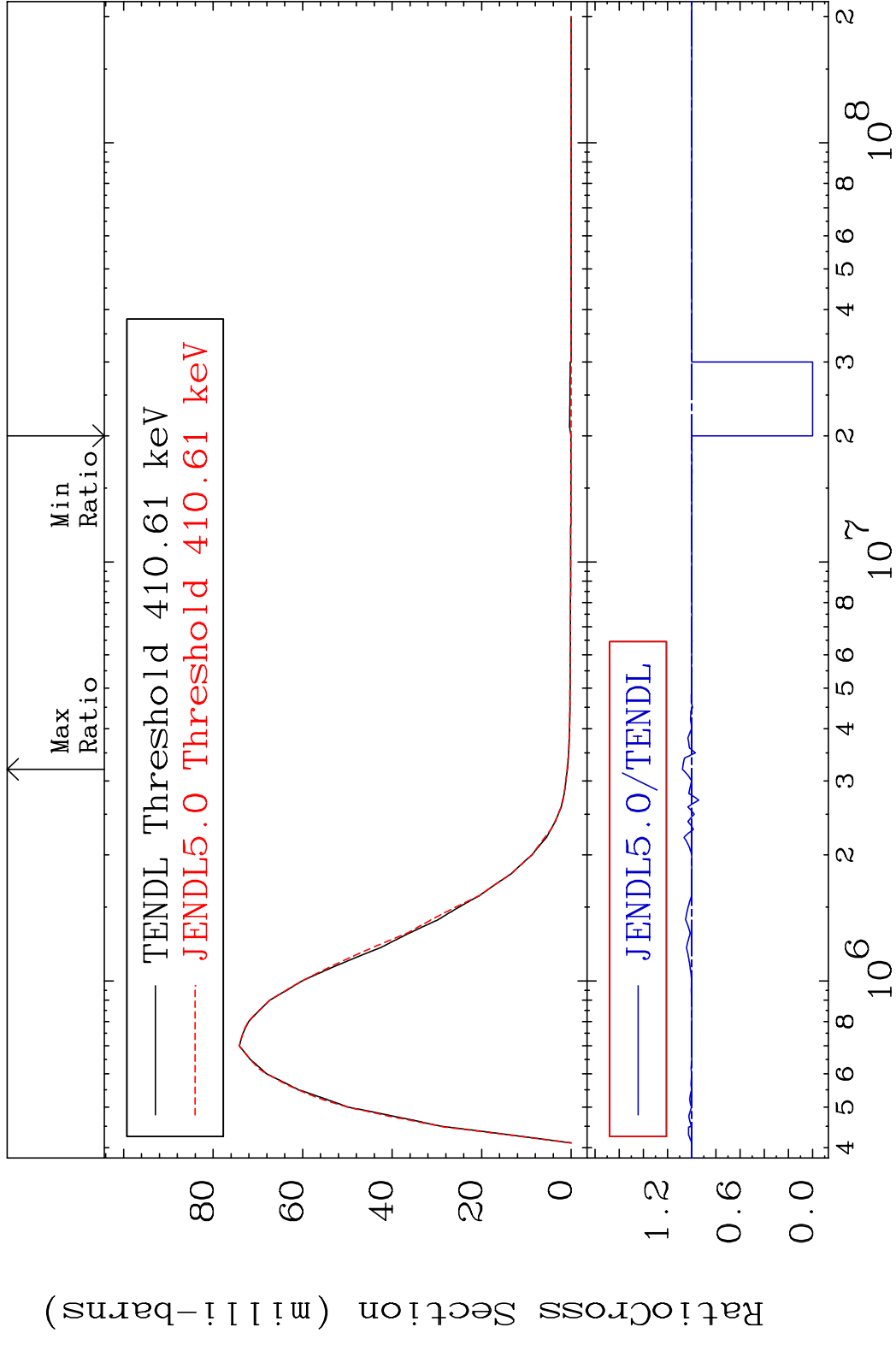
MAT 9443 MT= 66 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 6.675 %



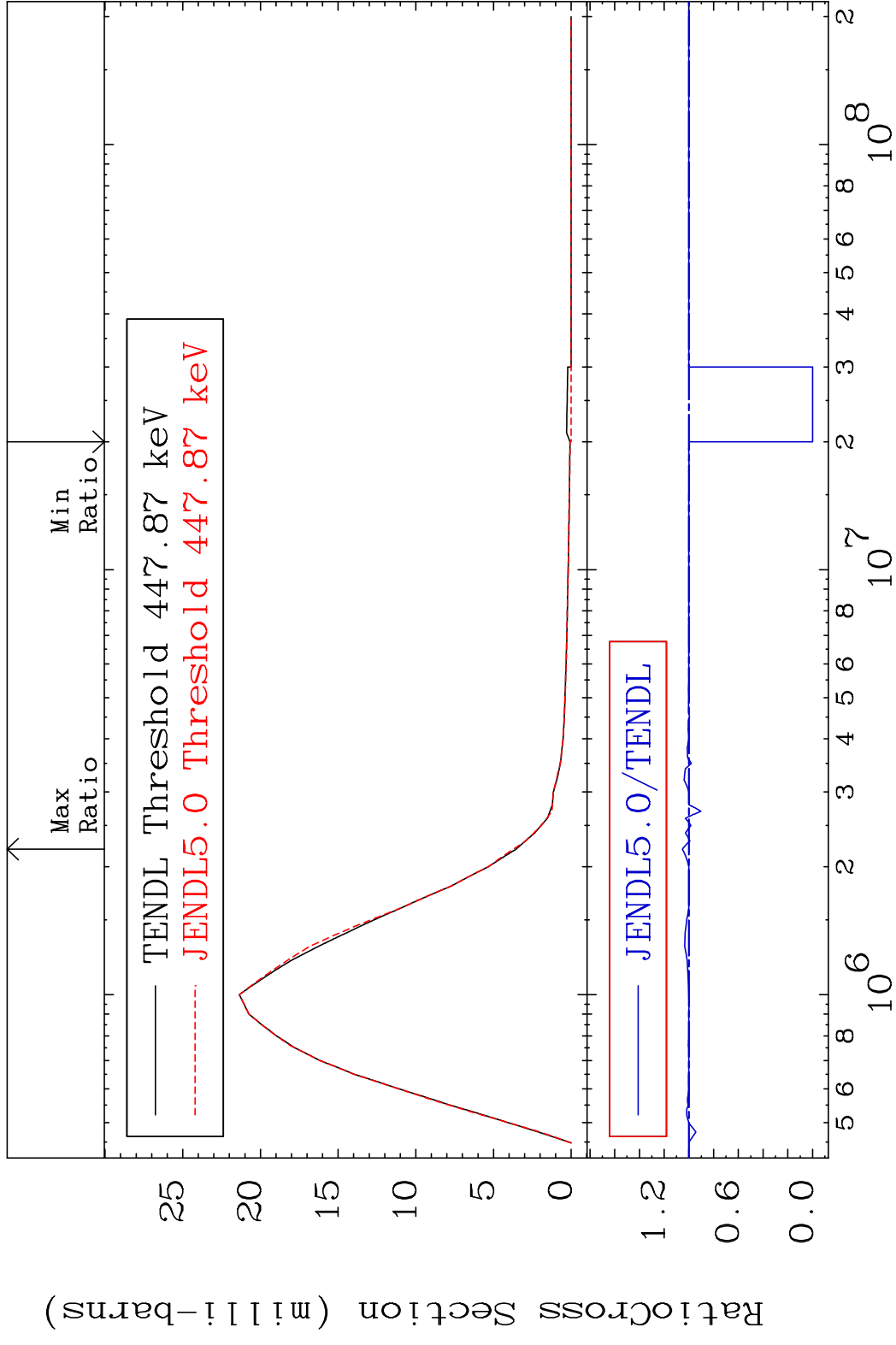
MAT 9443 MT= 67 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 129.2 %



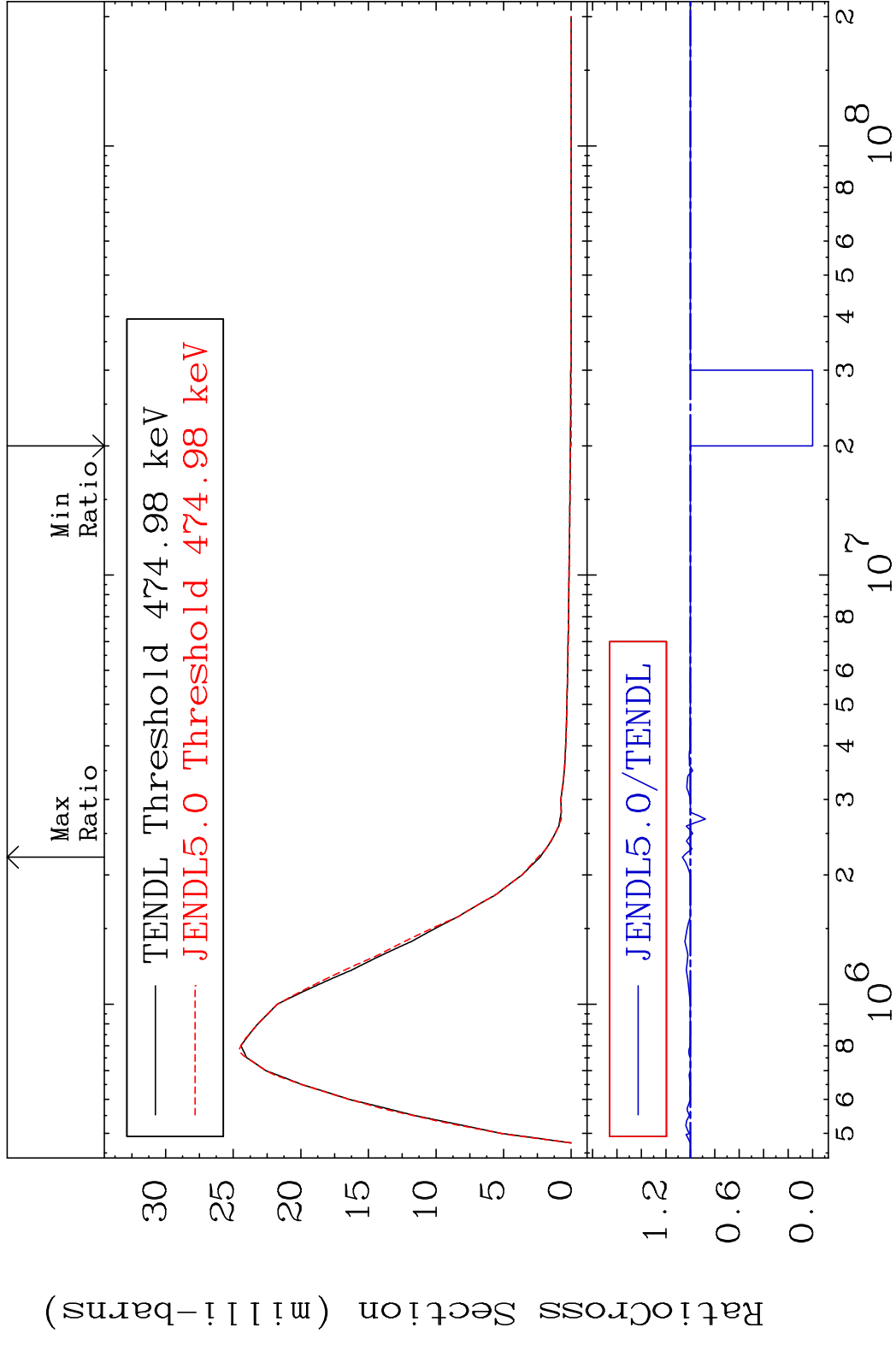
MAT 9443 MT= 68 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 7.791 %



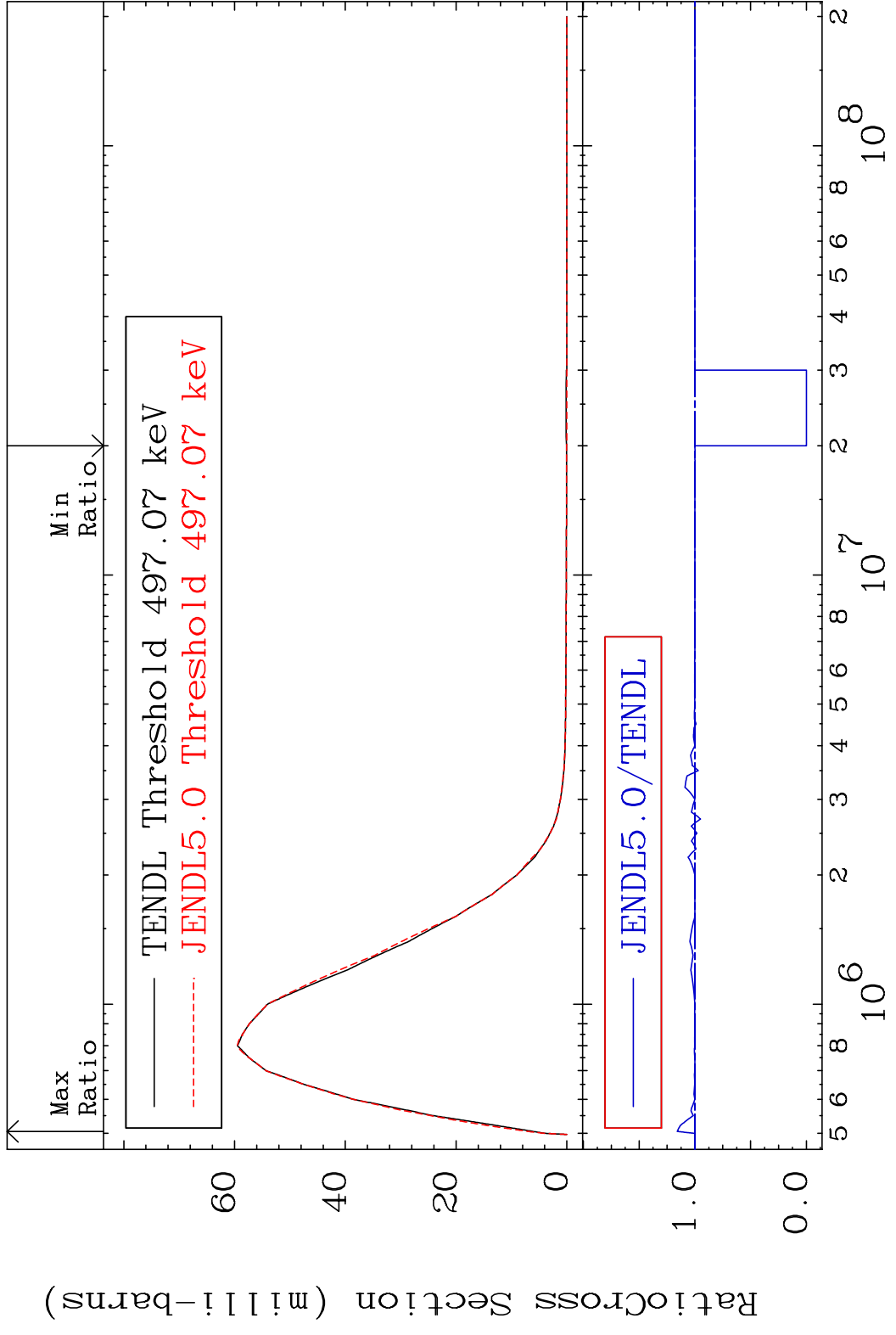
MAT 9443 MT= 69 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 5.280 %



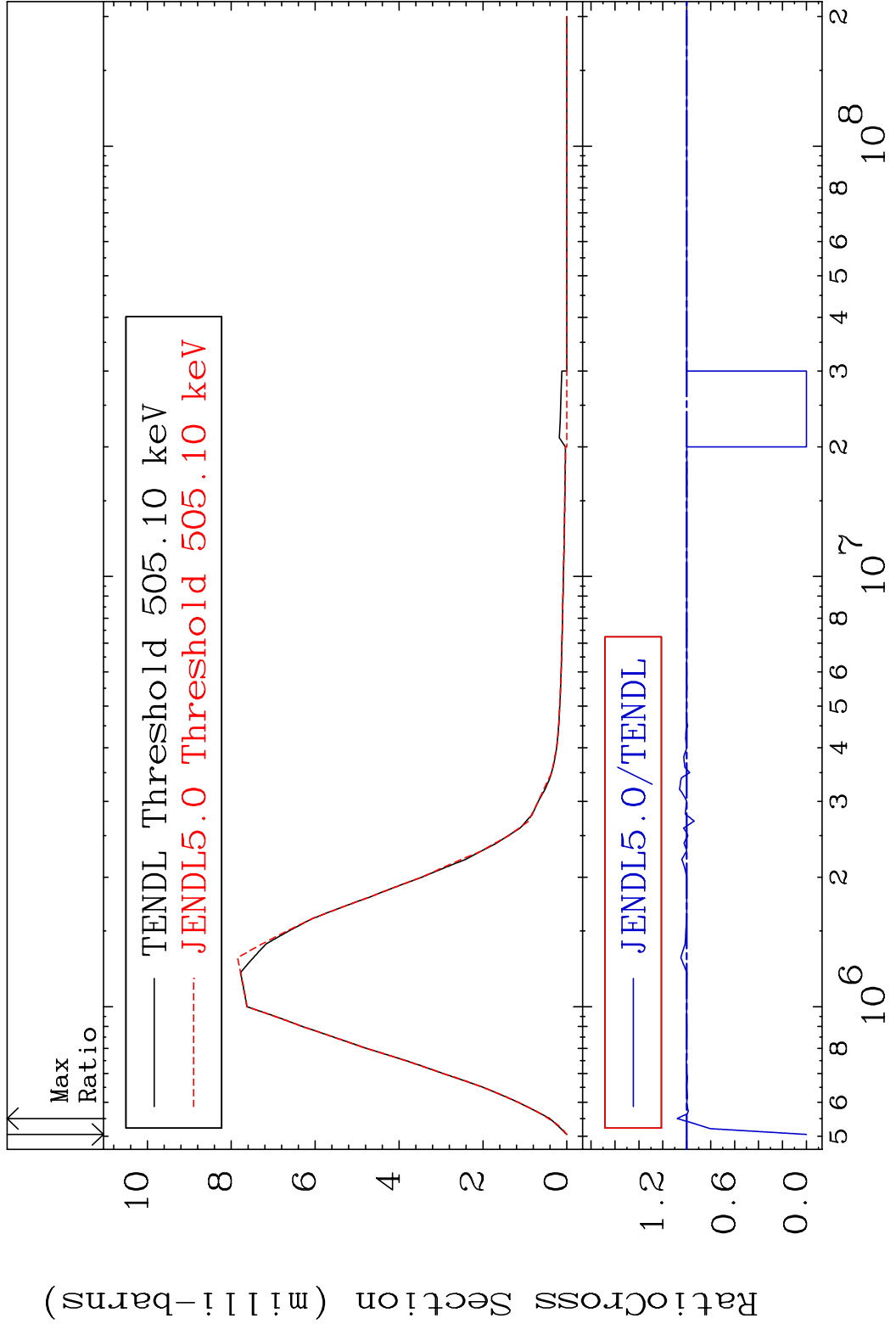
MAT 9443 MT= 70 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 6.522 %



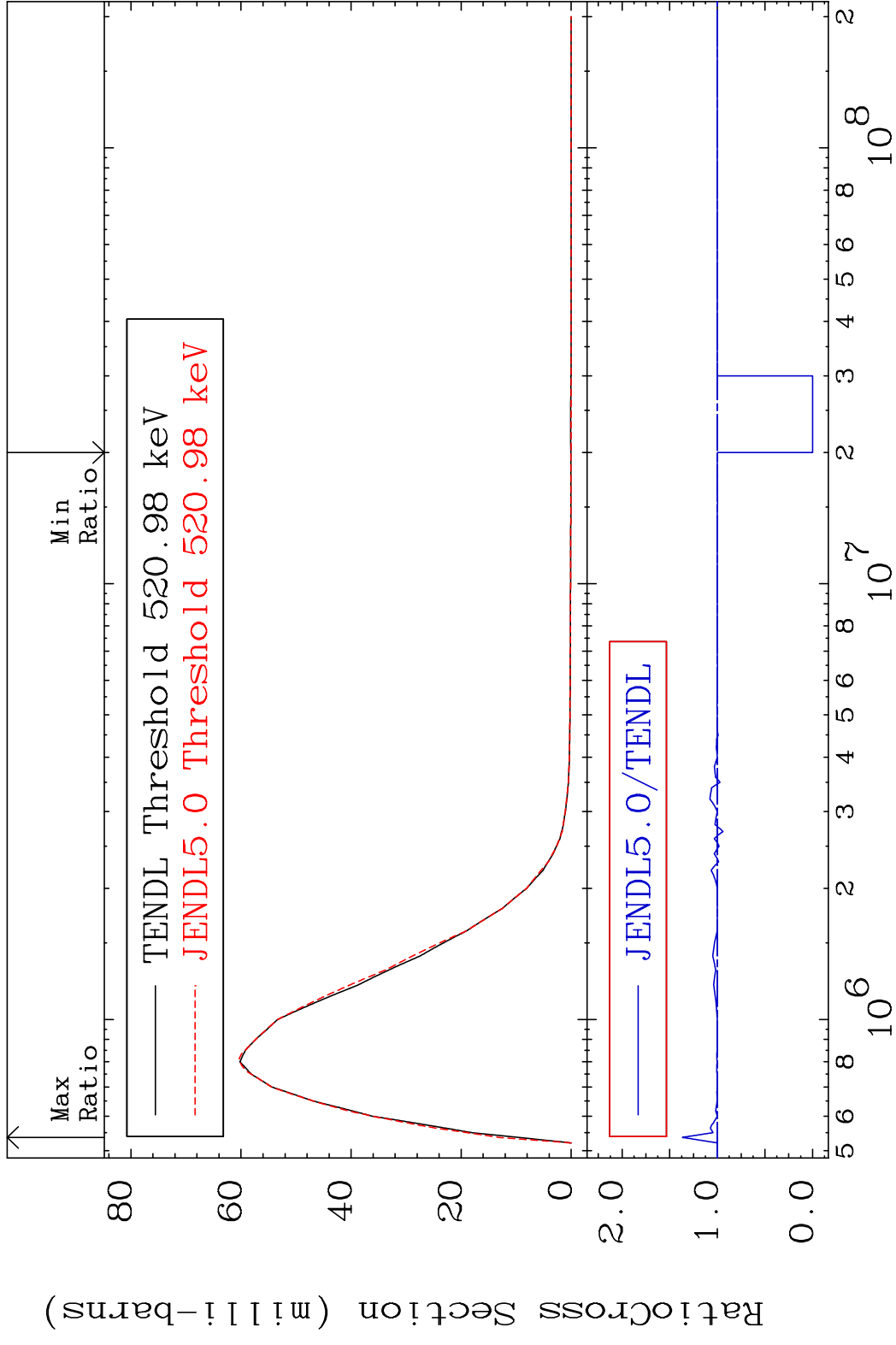
MAT 9443 MT= 71 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 15.88 %



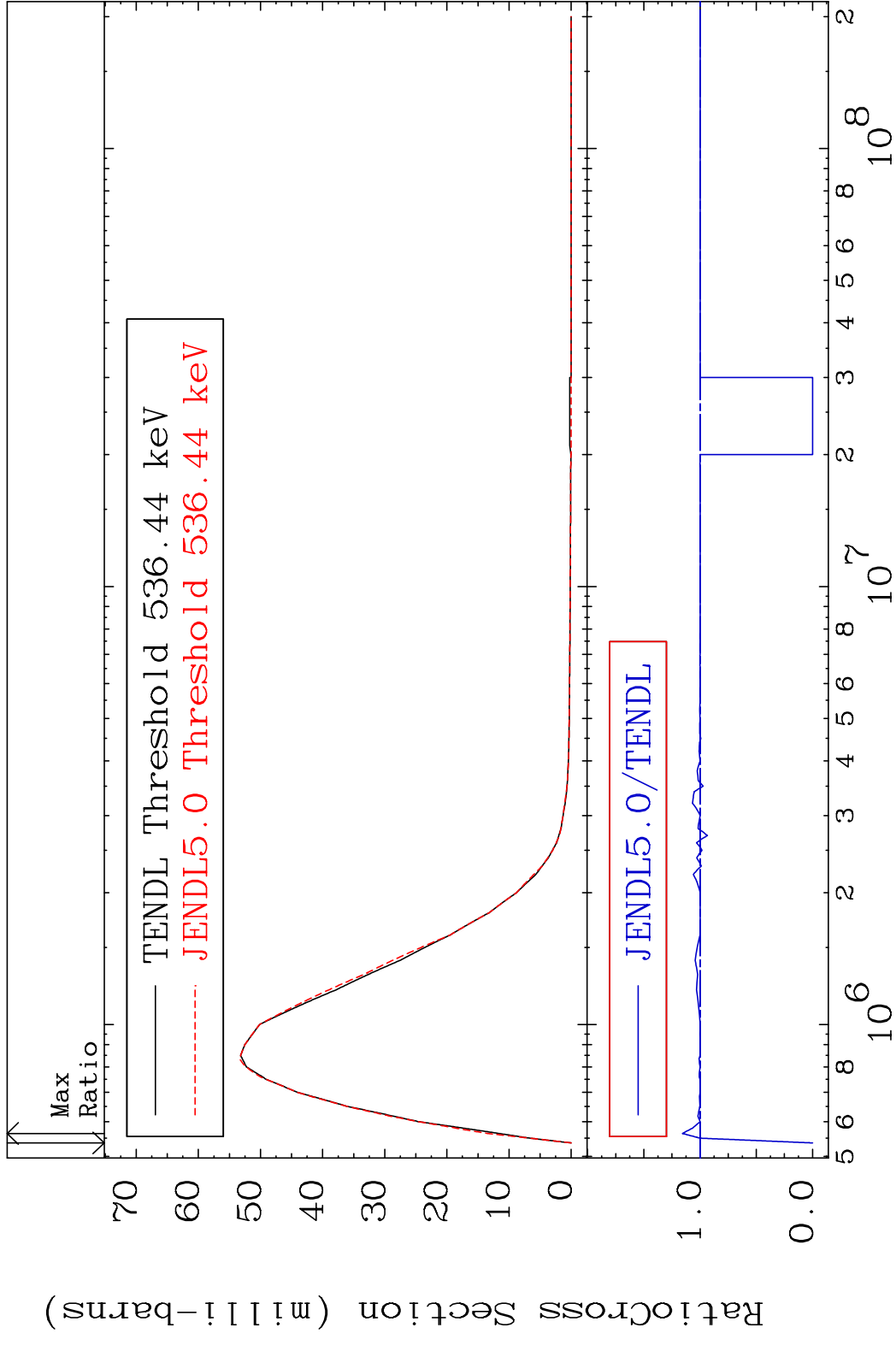
MAT 9443 MT= 72 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 8.010 %



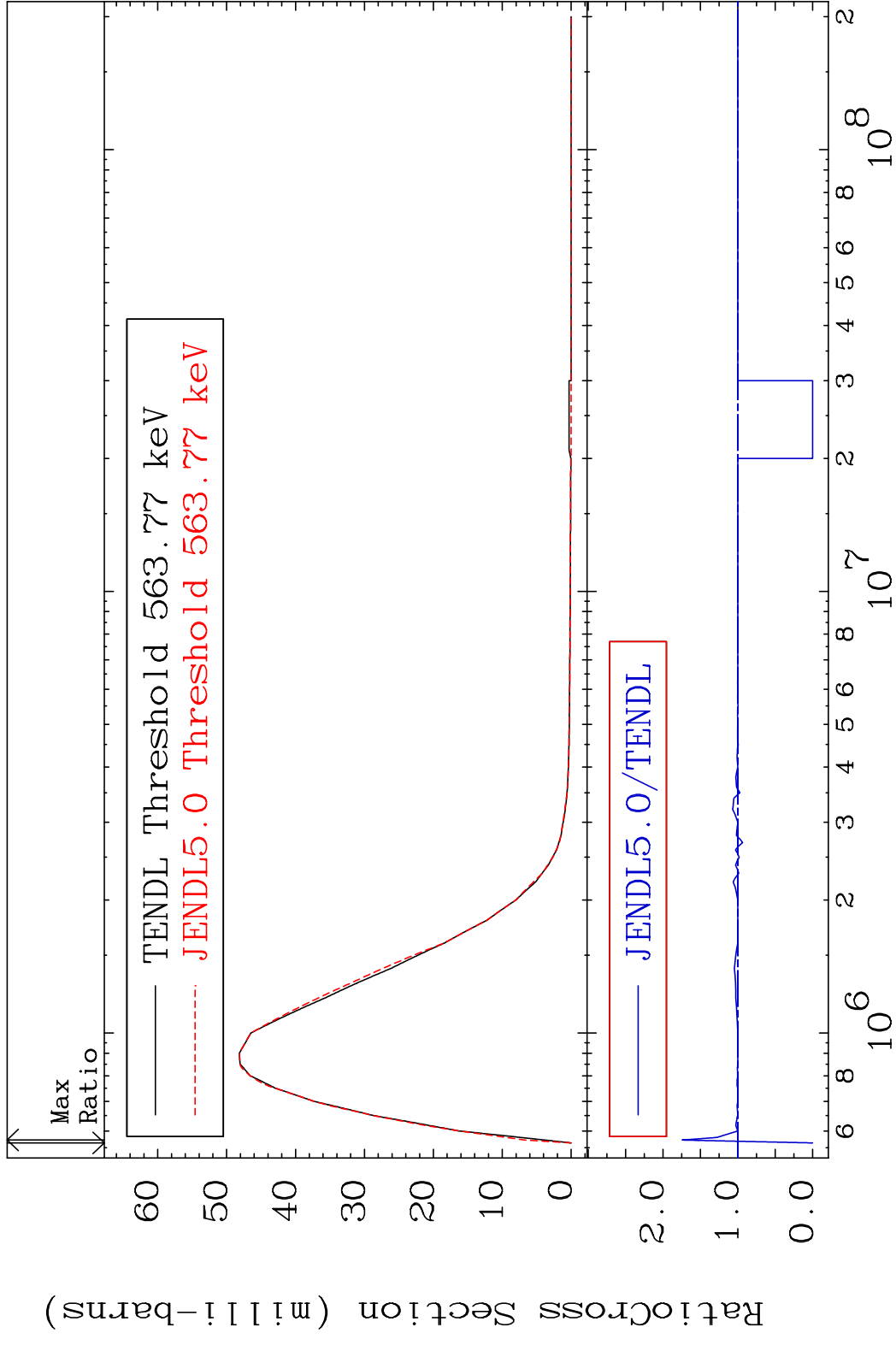
MAT 9443 MT= 73 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 36.74 %



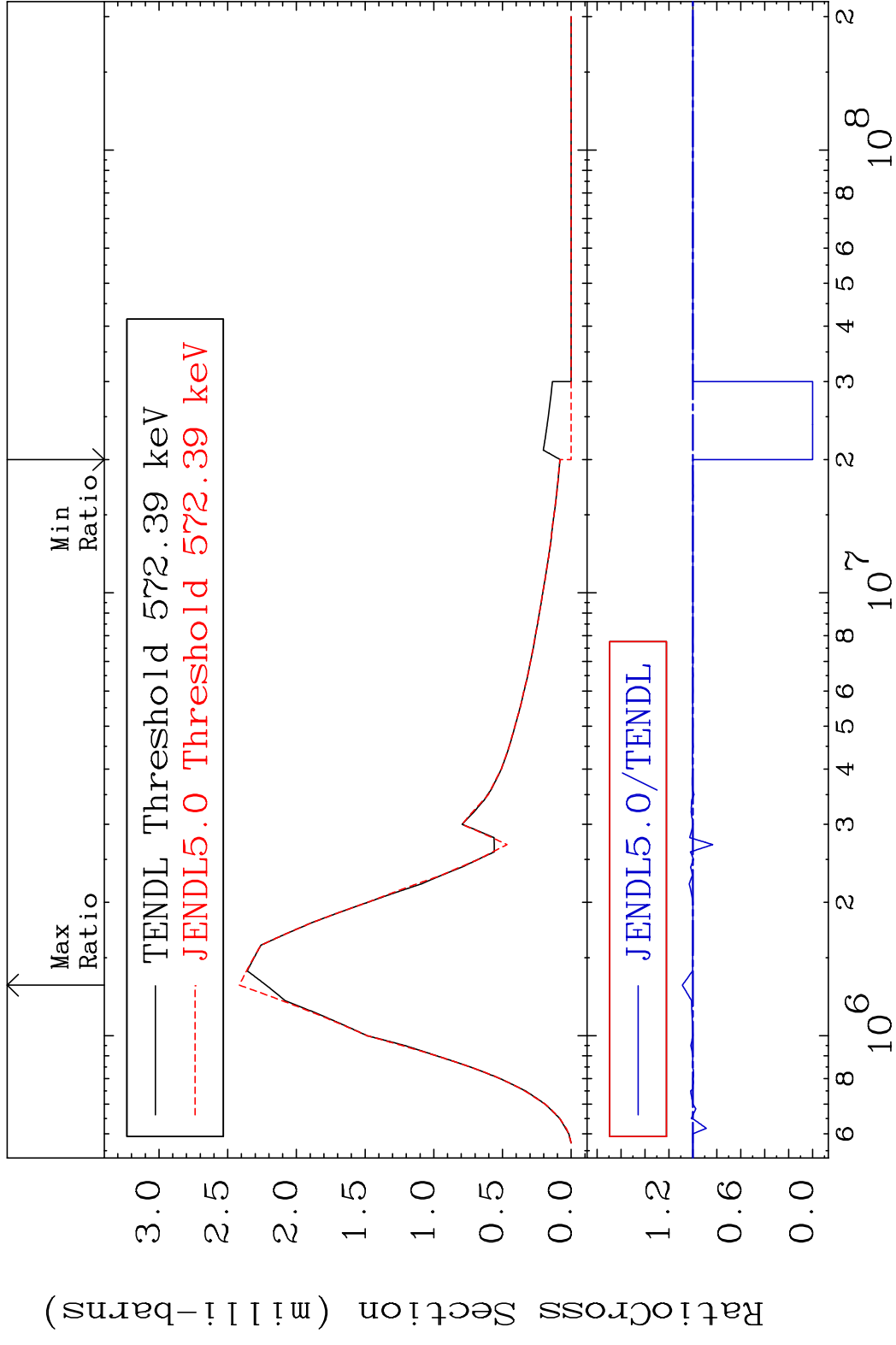
MAT 9443      MT= 74 (n,n') Level      94-Pu-241  
 Cross Section    -100.0 To 15.76 %



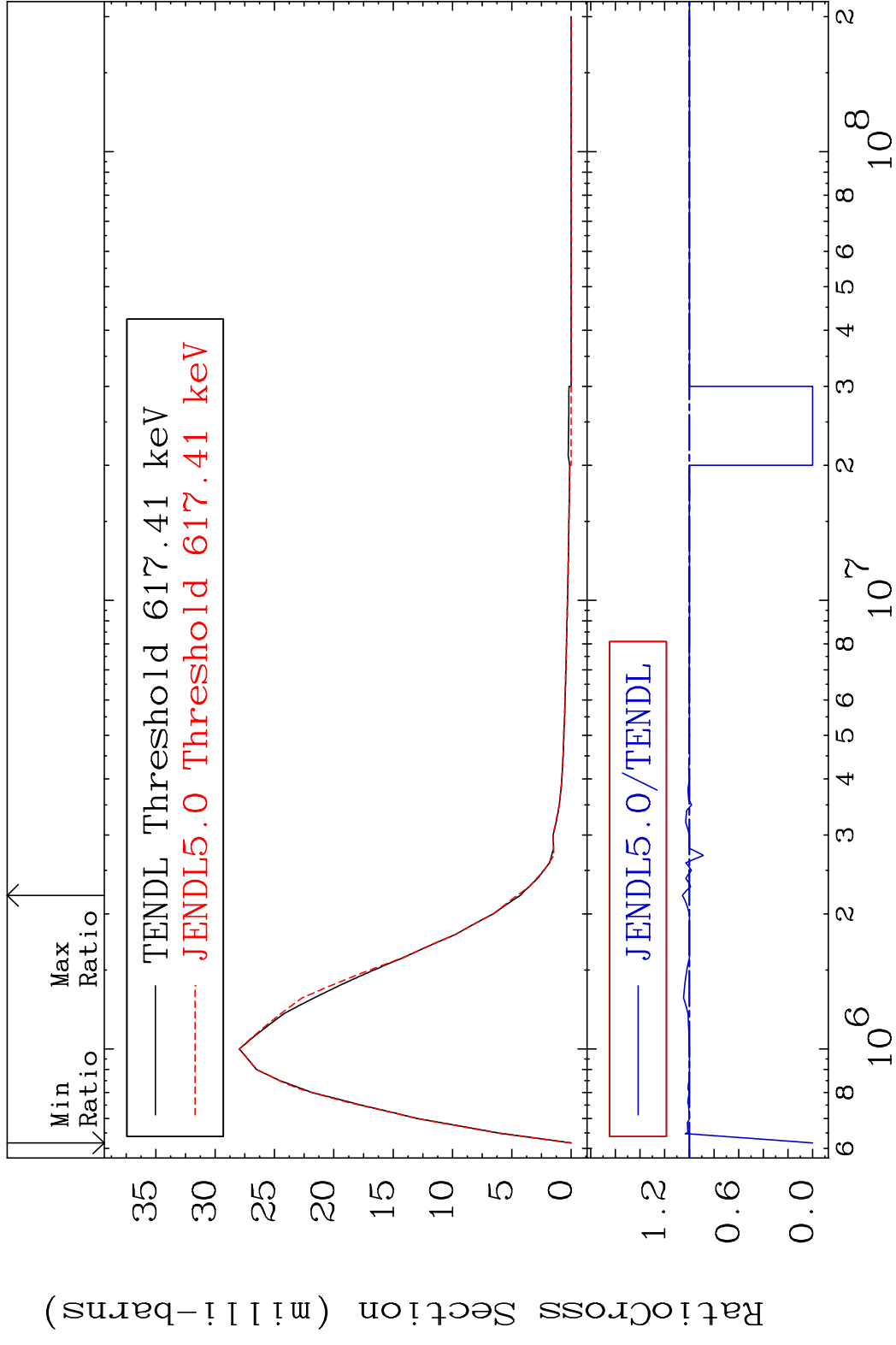
MAT 9443 MT= 75 (n,n') Level 94-Pu-241  
 Cross Section -100.0 To 74.17 %



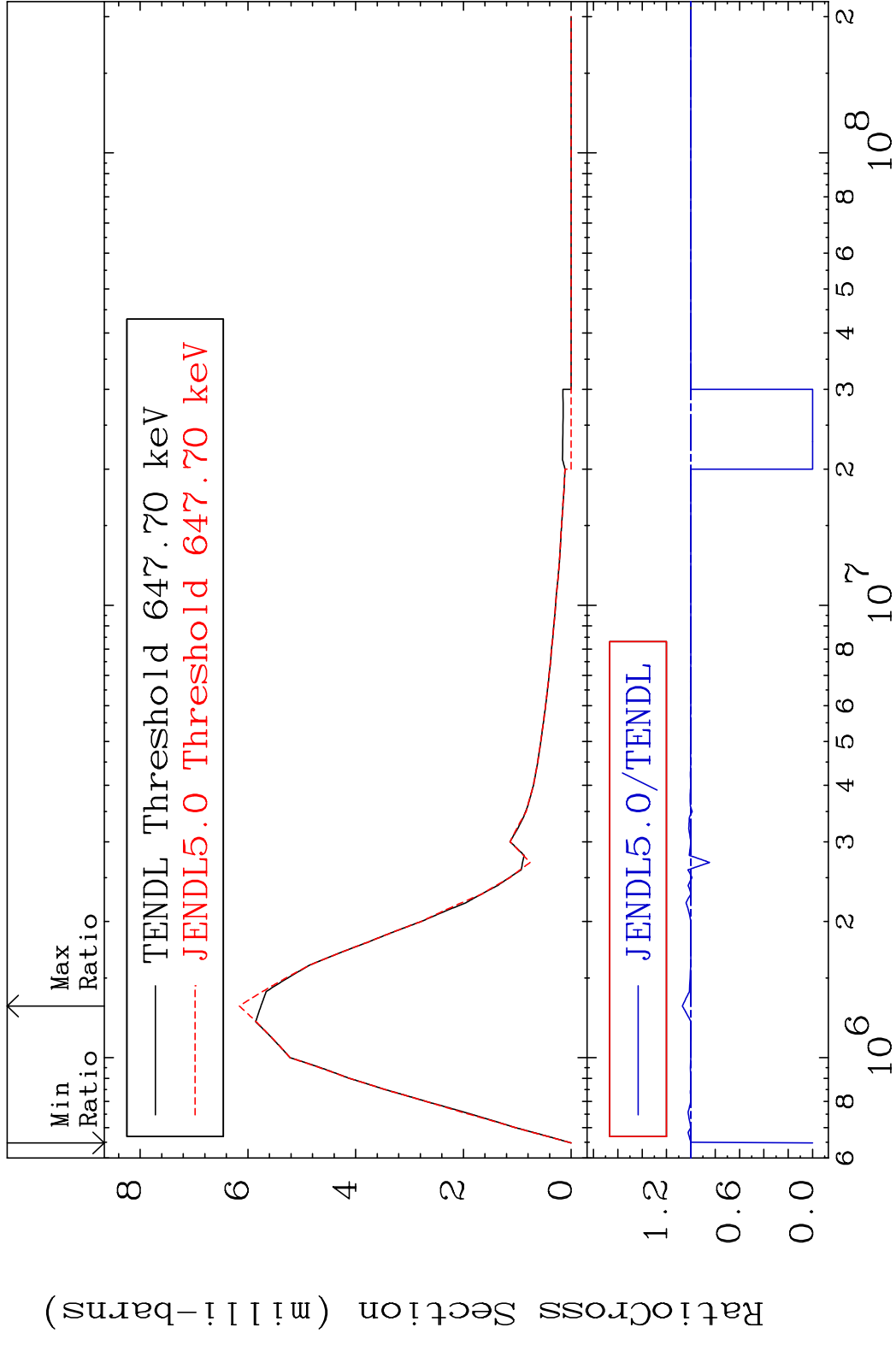
MAT 9443 MT= 76 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 8.774 %



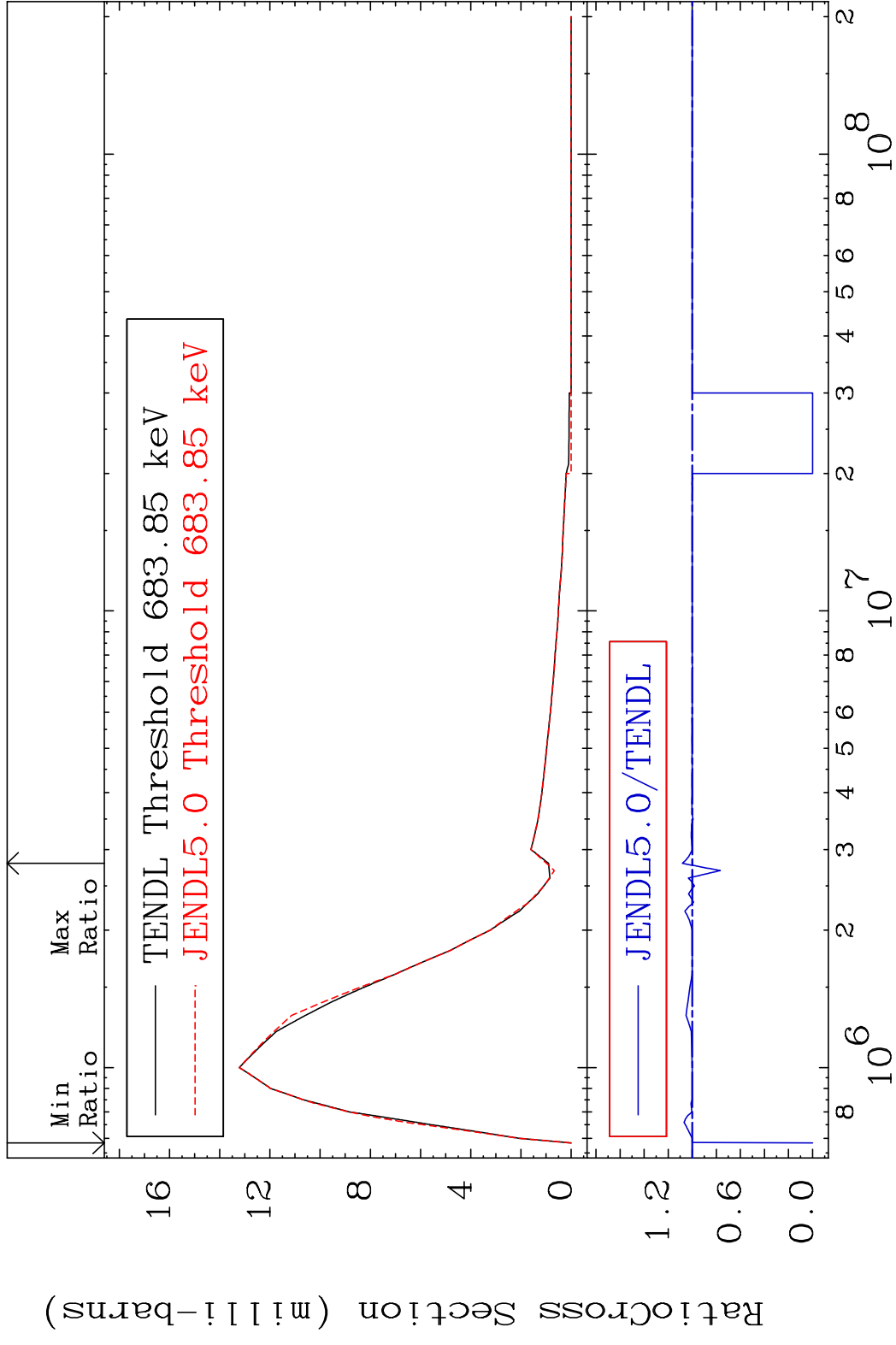
MAT 9443 MT= 77 (n, n') Level 94-Pu-241  
 Cross Section -100.0 To 5.677 %



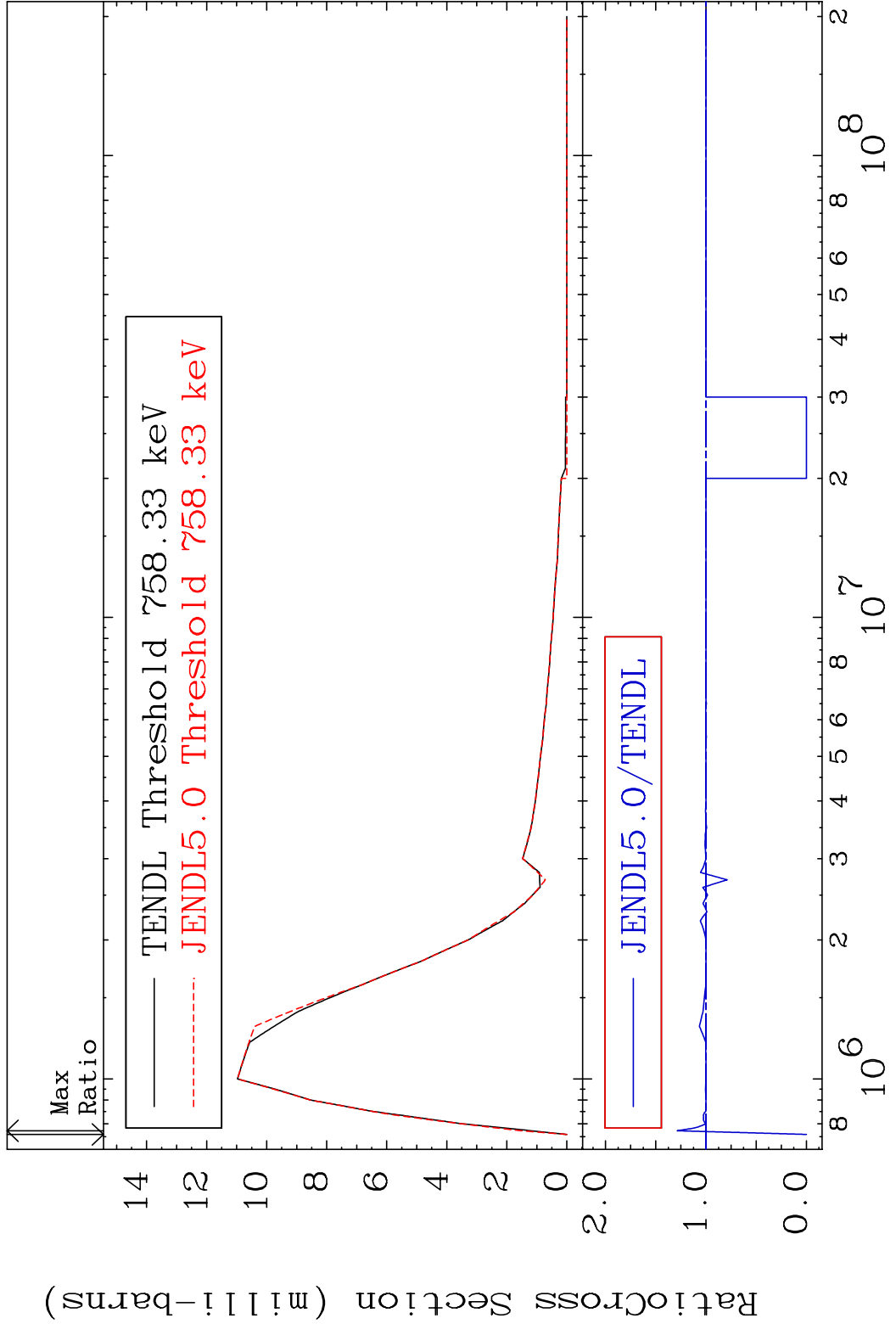
MAT 9443 MT= 78 (n,n') Level 94-Pu-241  
 Cross Section -100.0 To 6.970 %



MAT 9443 MT= 79 (n,n') Level 94-Pu-241  
 Cross Section -100.0 To 8.222 %



MAT 9443 MT= 80 (n,n') Level 94-Pu-241  
 Cross Section -100.0 To 28.67 %

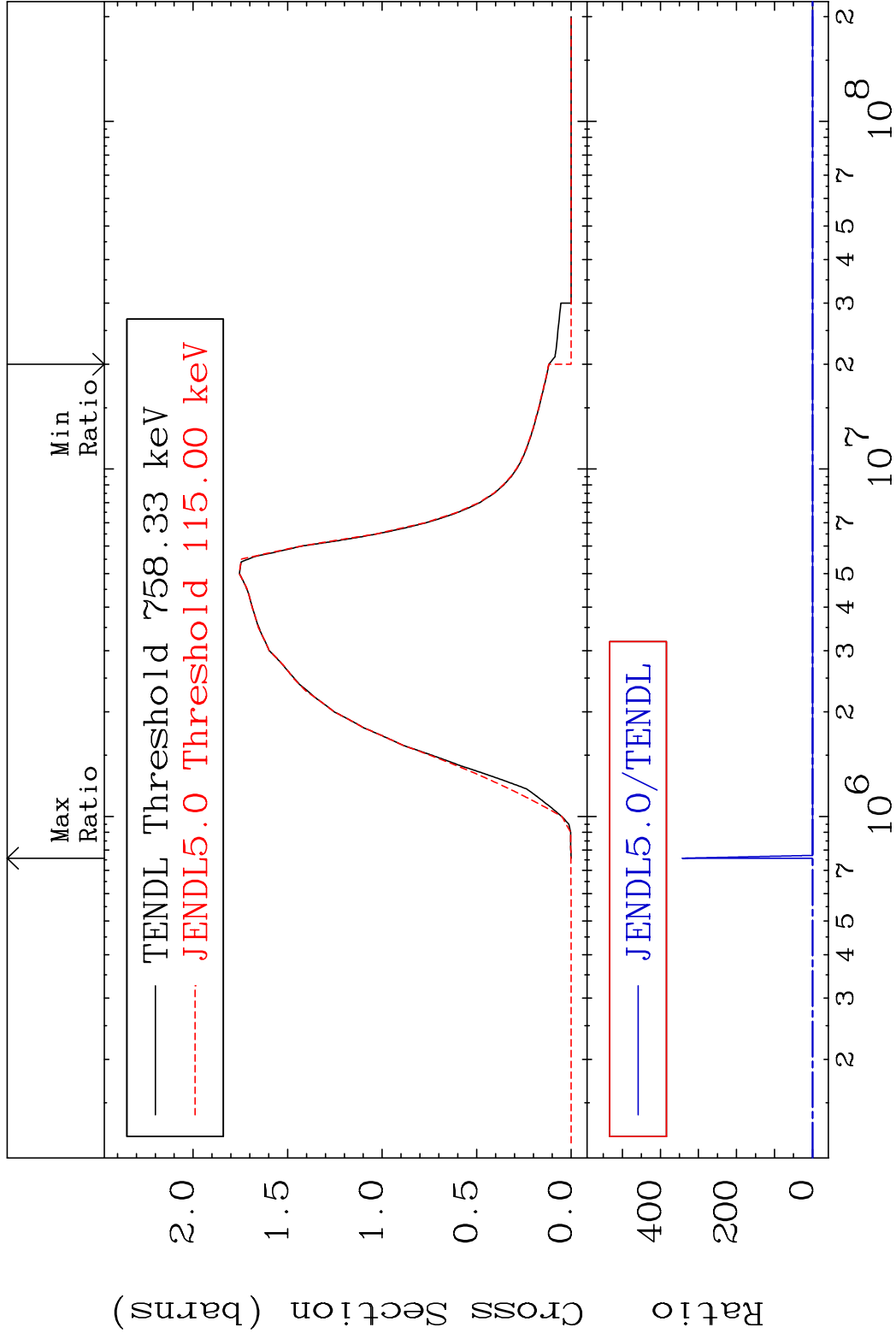


MAT 9443

(n, n') Continuum

94-Pu-241

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

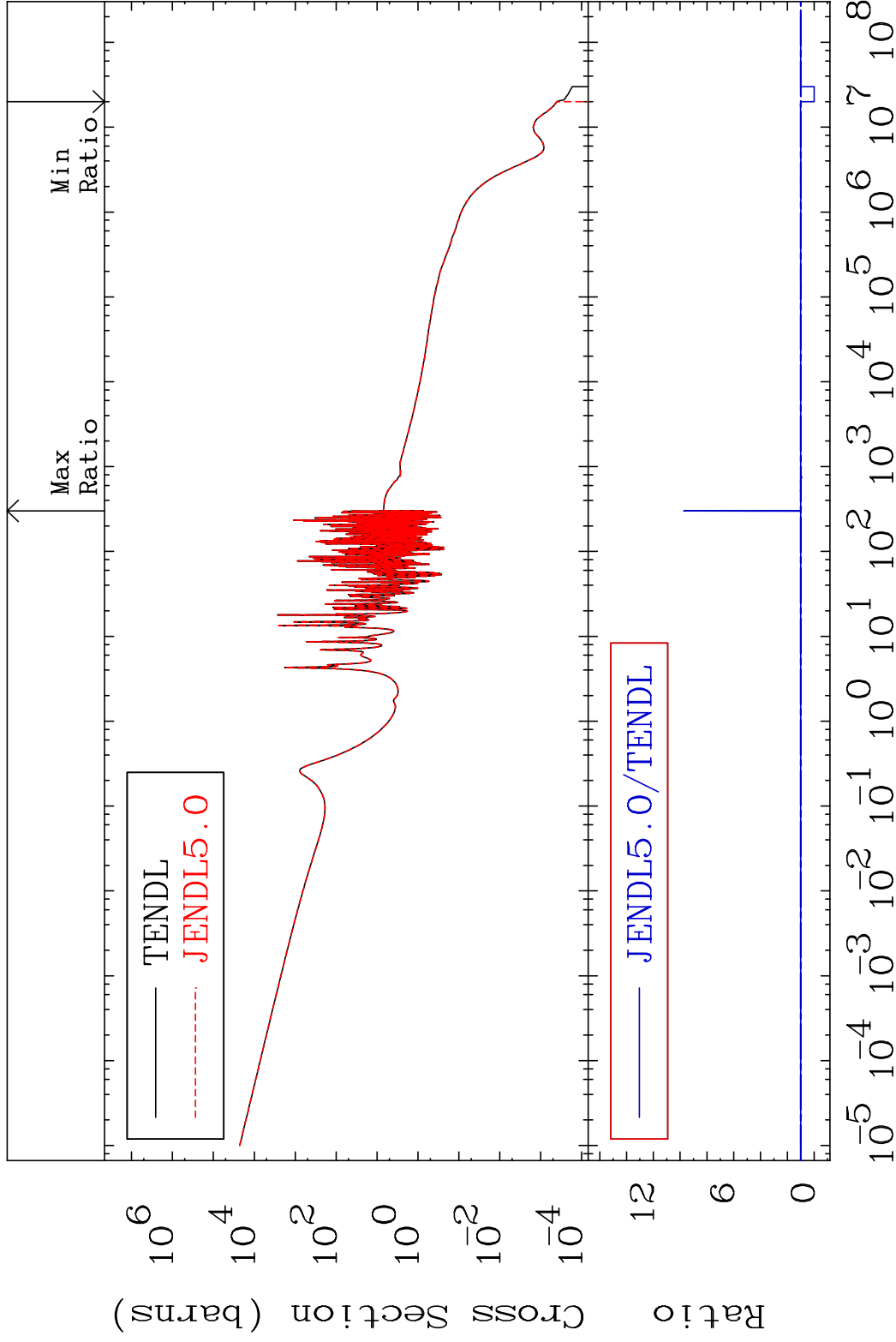
94-Pu-241

MAT 9443

(n,  $\gamma$ )

94-Pu-241

Cross Section -100.0 To 873.6 %



40

Incident Energy (eV)

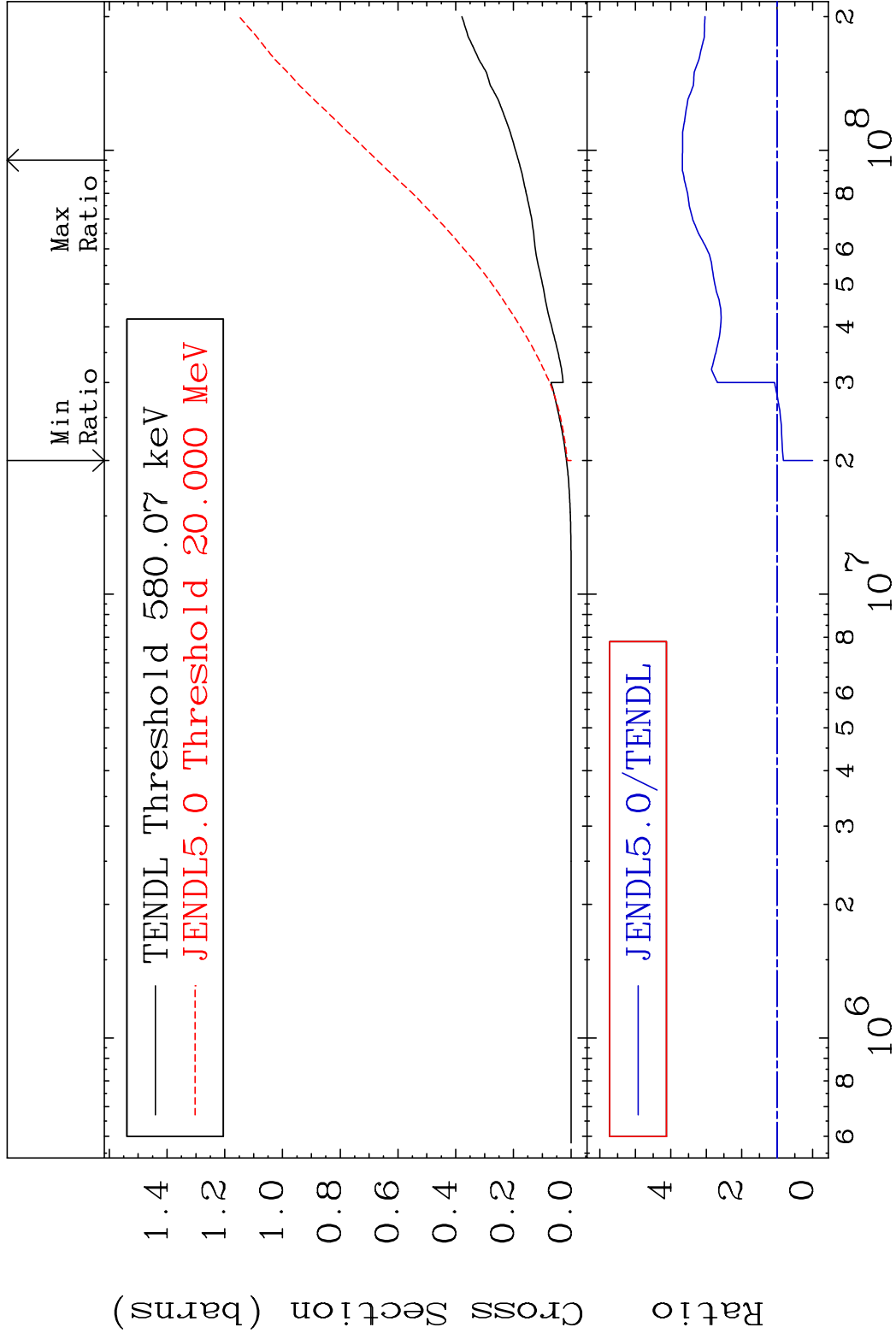
94-Pu-241

MAT 9443

Hydrogen Production

94-Pu-241

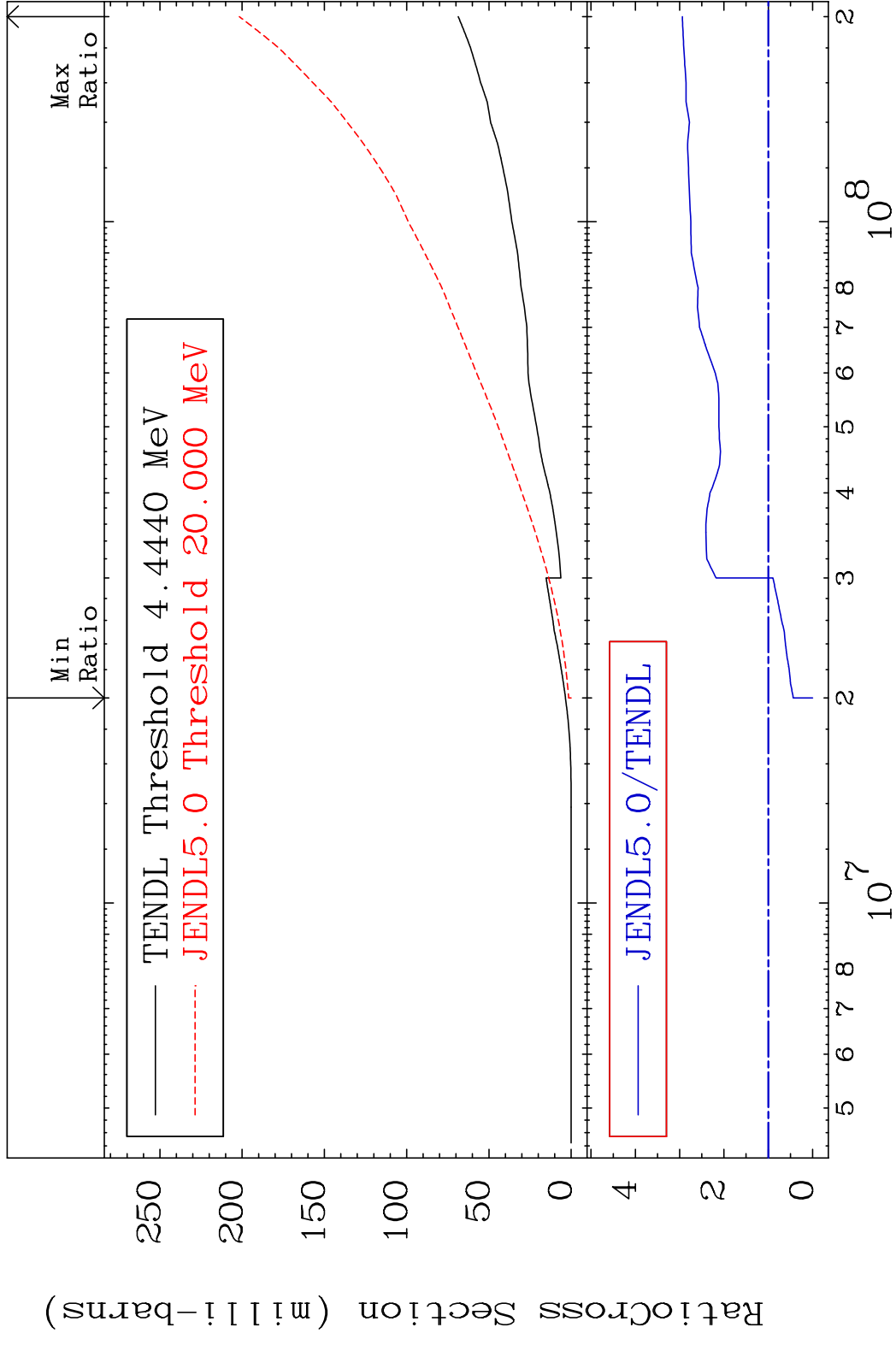
Cross Section -100.0 To 267.4 %



MAT 9443

Deuterium Production 94-Pu-241

Cross Section -100.0 To 193.9 %

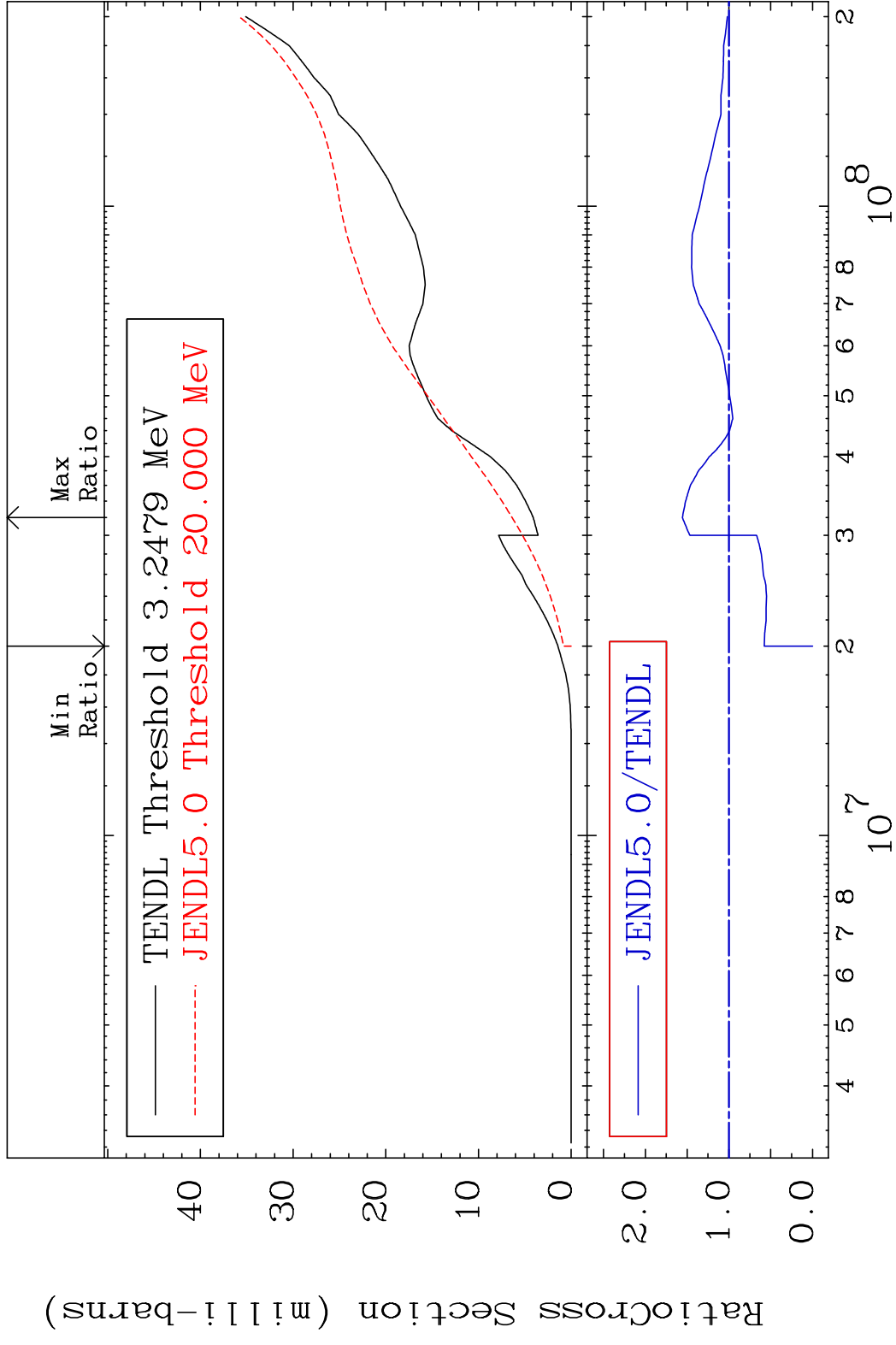


42

Incident Energy (eV)

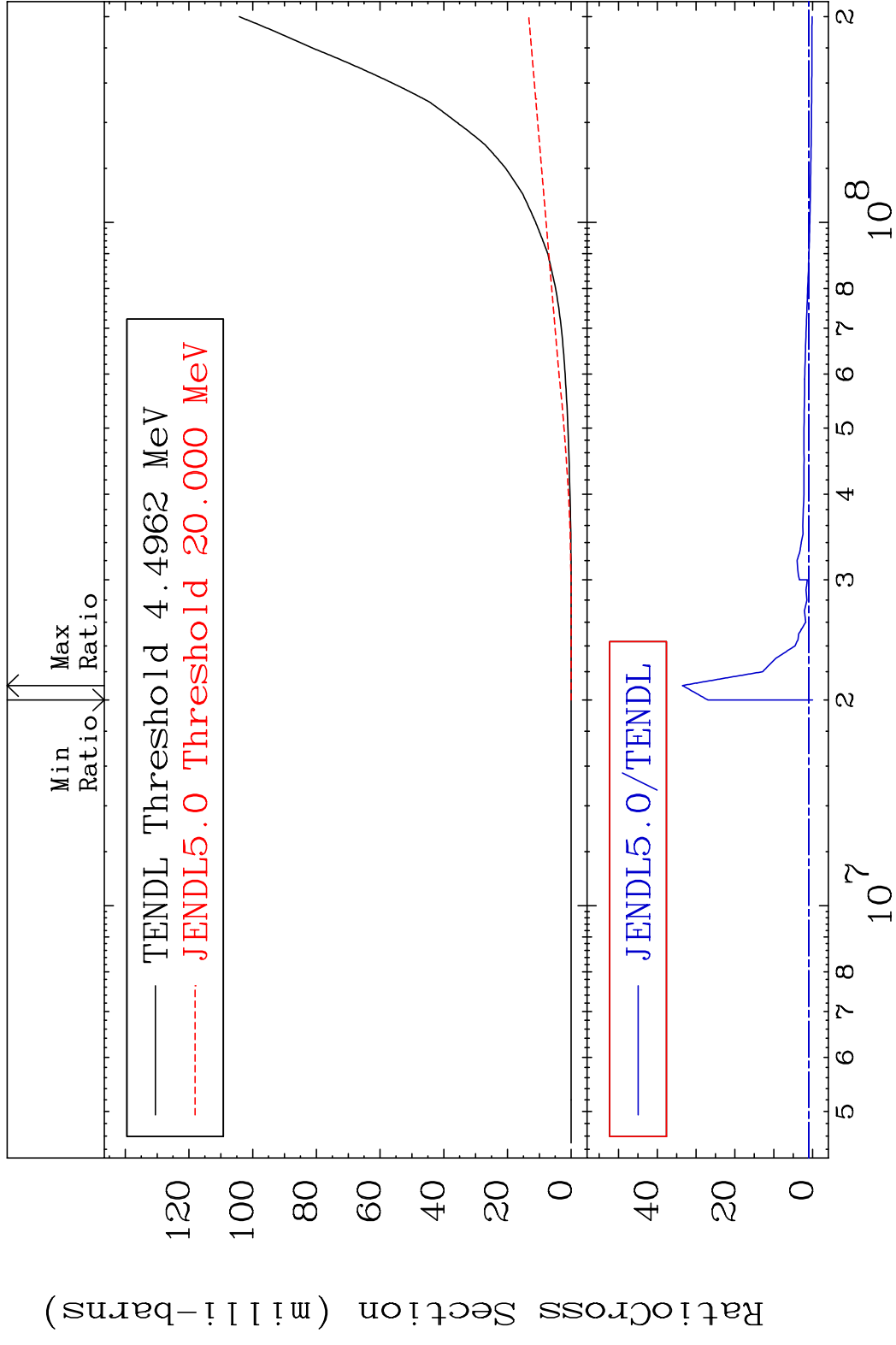
94-Pu-241

MAT 9443 Tritium Production <sup>94</sup>Pu-241  
 Cross Section -100.0 To 55.72 %



MAT 9443

He-3 Production 94-Pu-241  
Cross Section -100.0 To 3255. %



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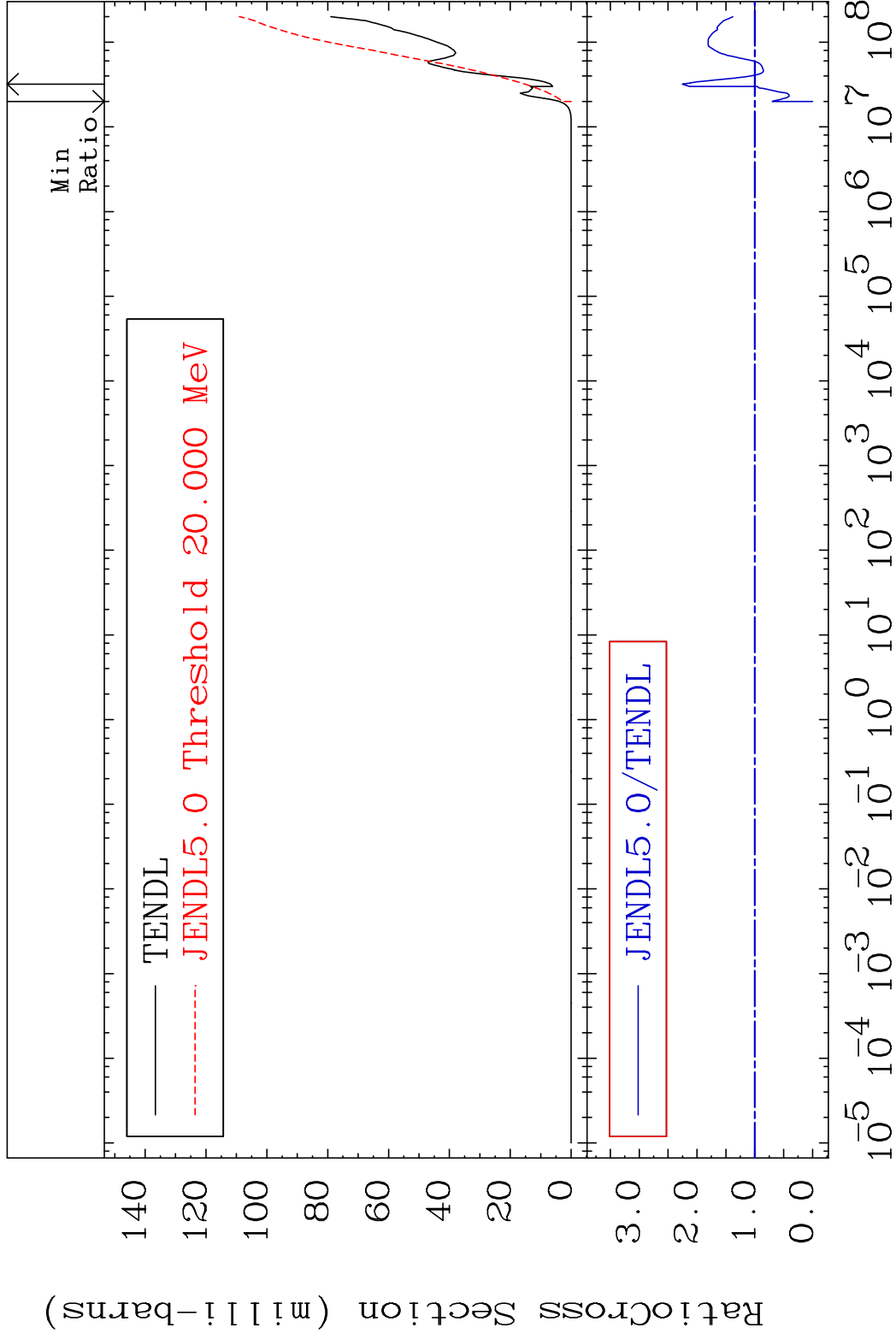
94-Pu-241

MAT 9443

He-4 Production

94-Pu-241

Cross Section -100.0 To 125.3 %



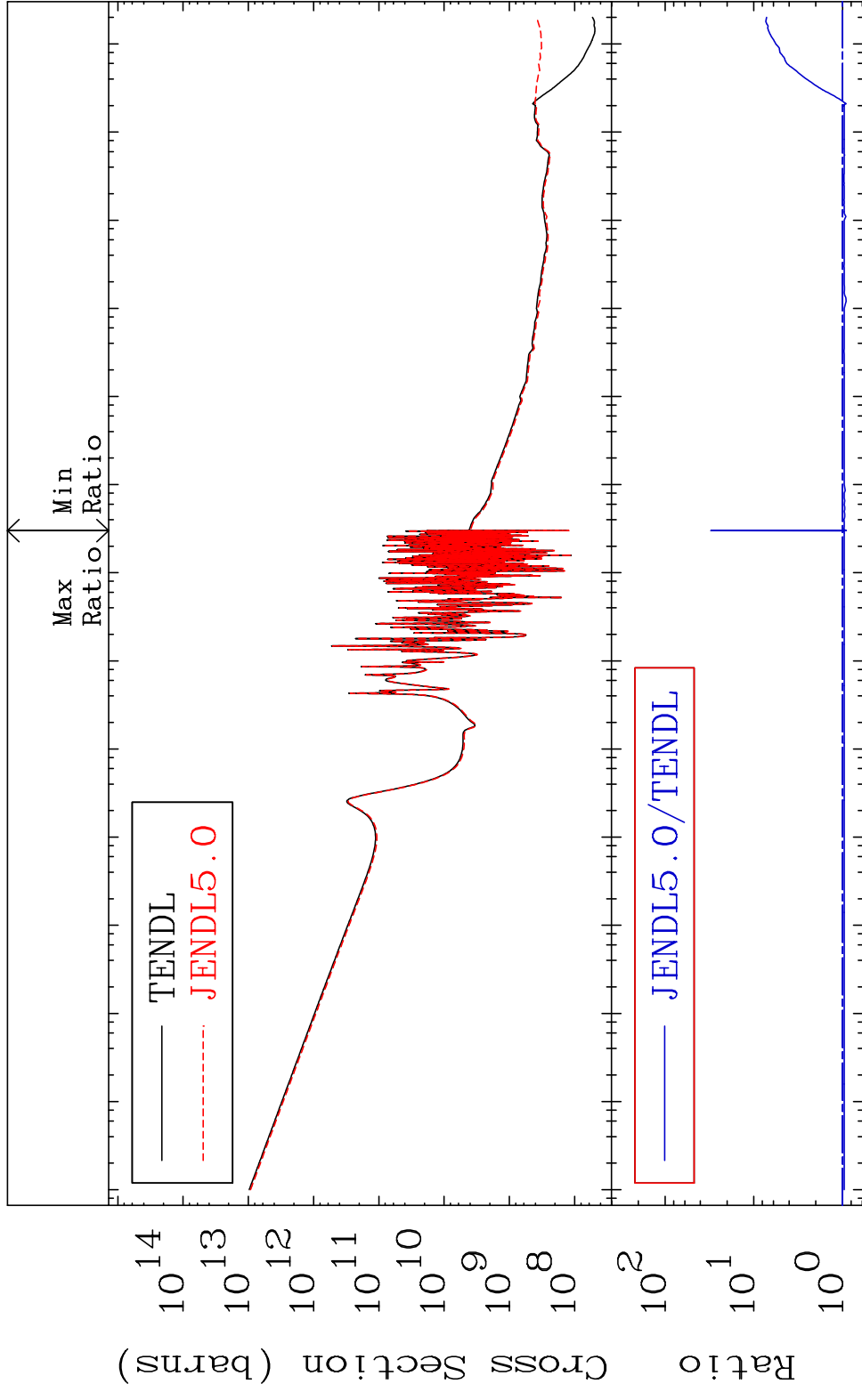
45

Incident Energy (eV)

94-Pu-241

MAT 9443

Kerma total (eV-barns) 94-Pu-241  
Cross Section -9.433 To 2961. %

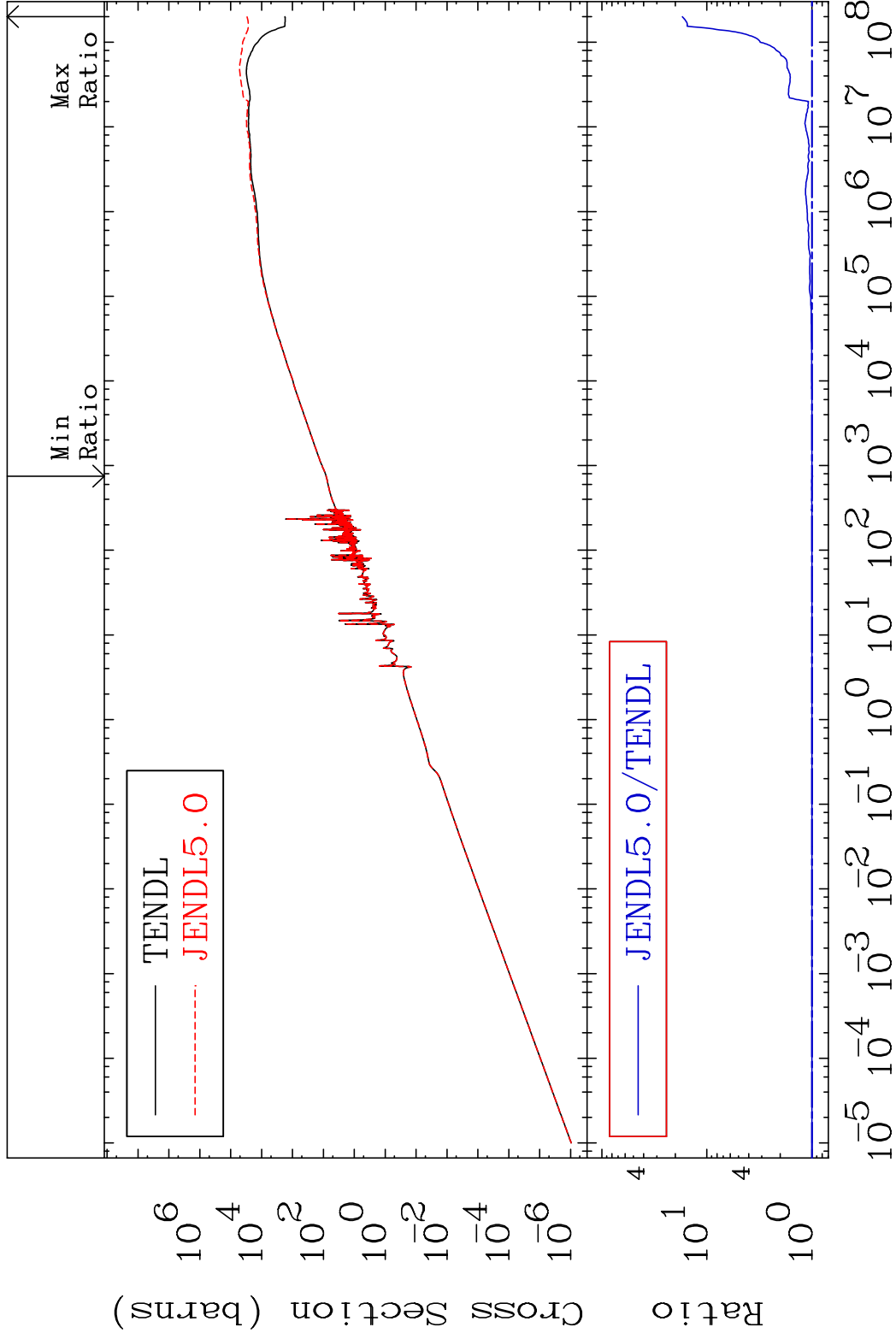


MAT 9443

Kerma elastic

94-Pu-241

Cross Section -1.382 To 1611. %

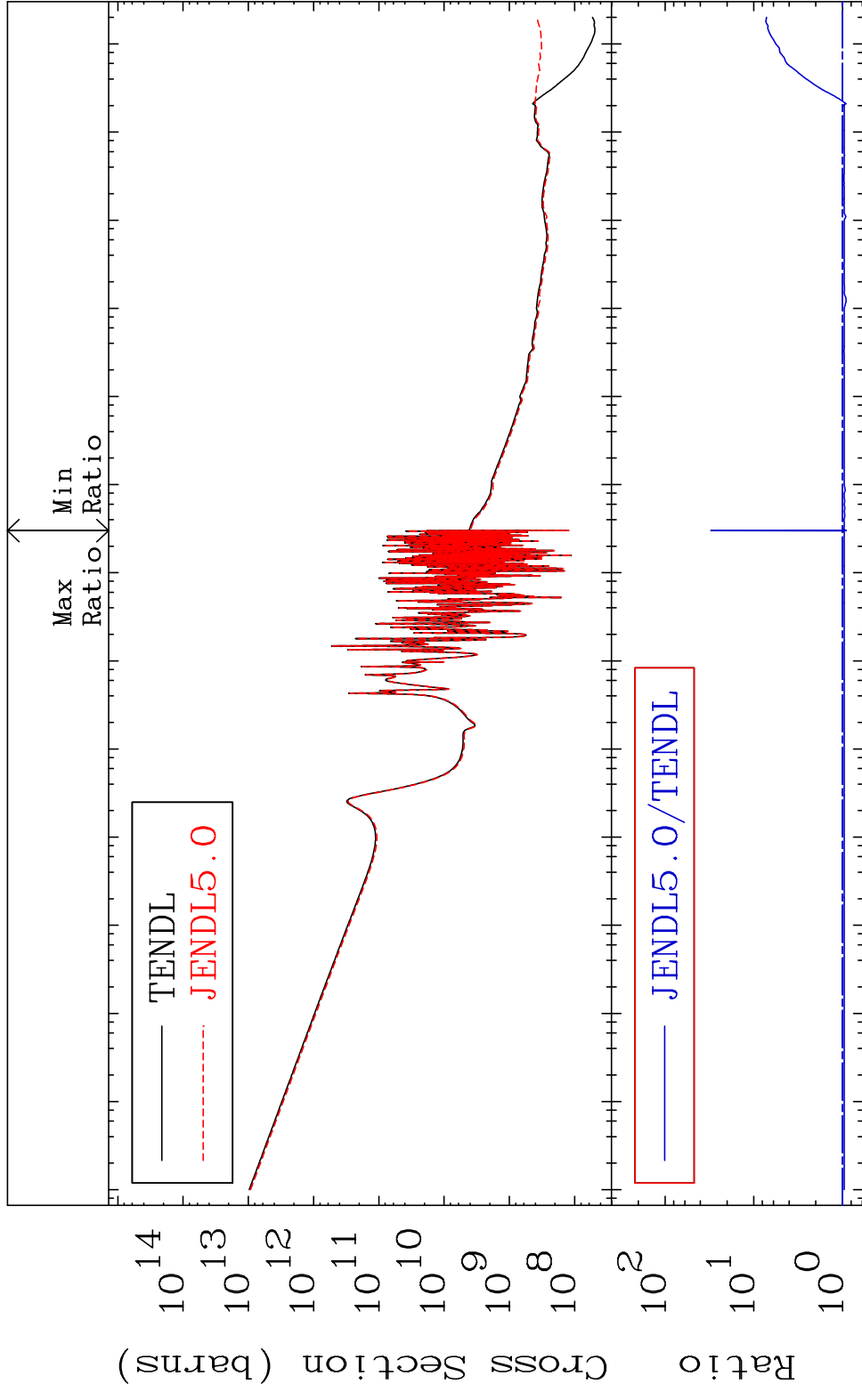


47

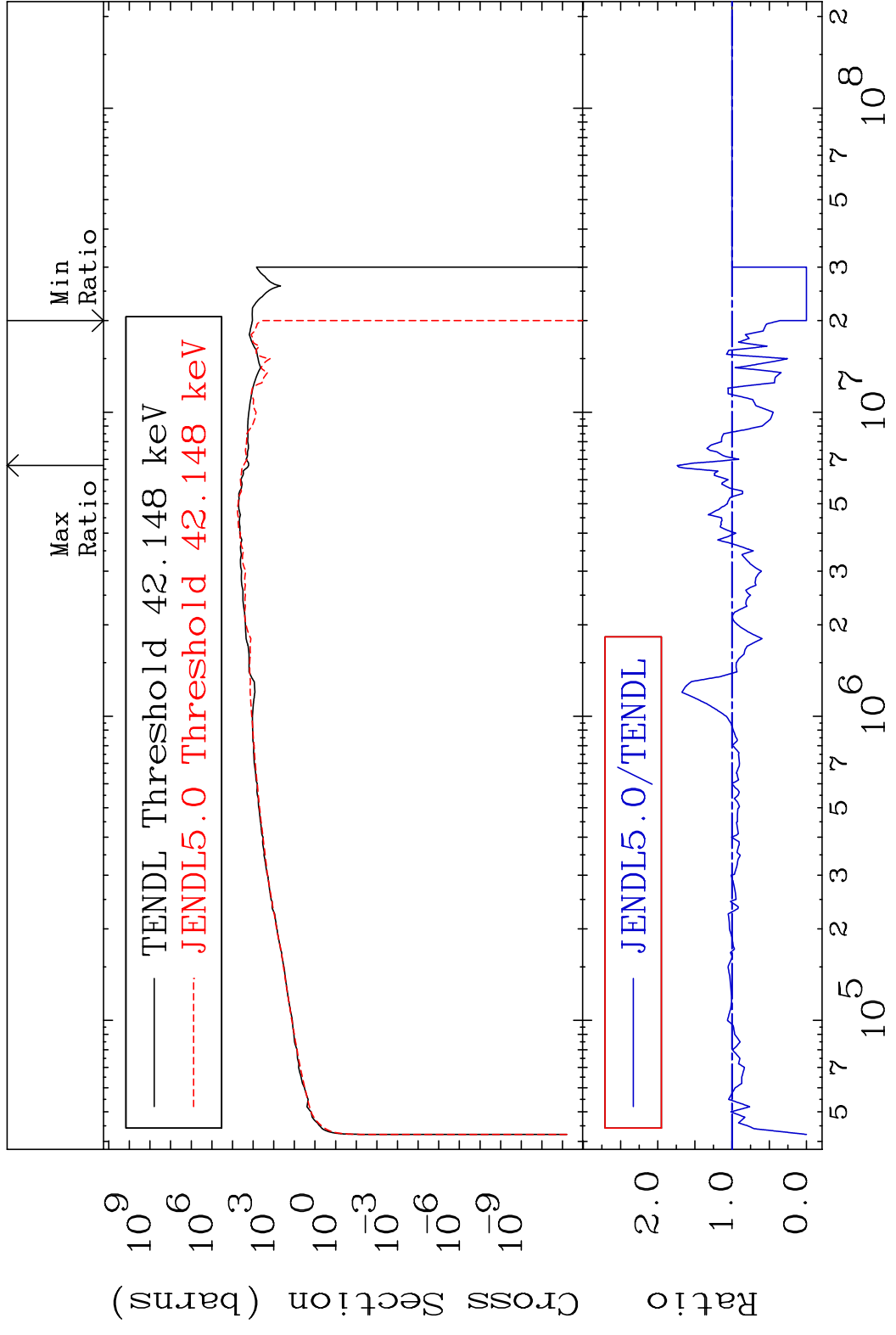
Incident Energy (eV)

94-Pu-241

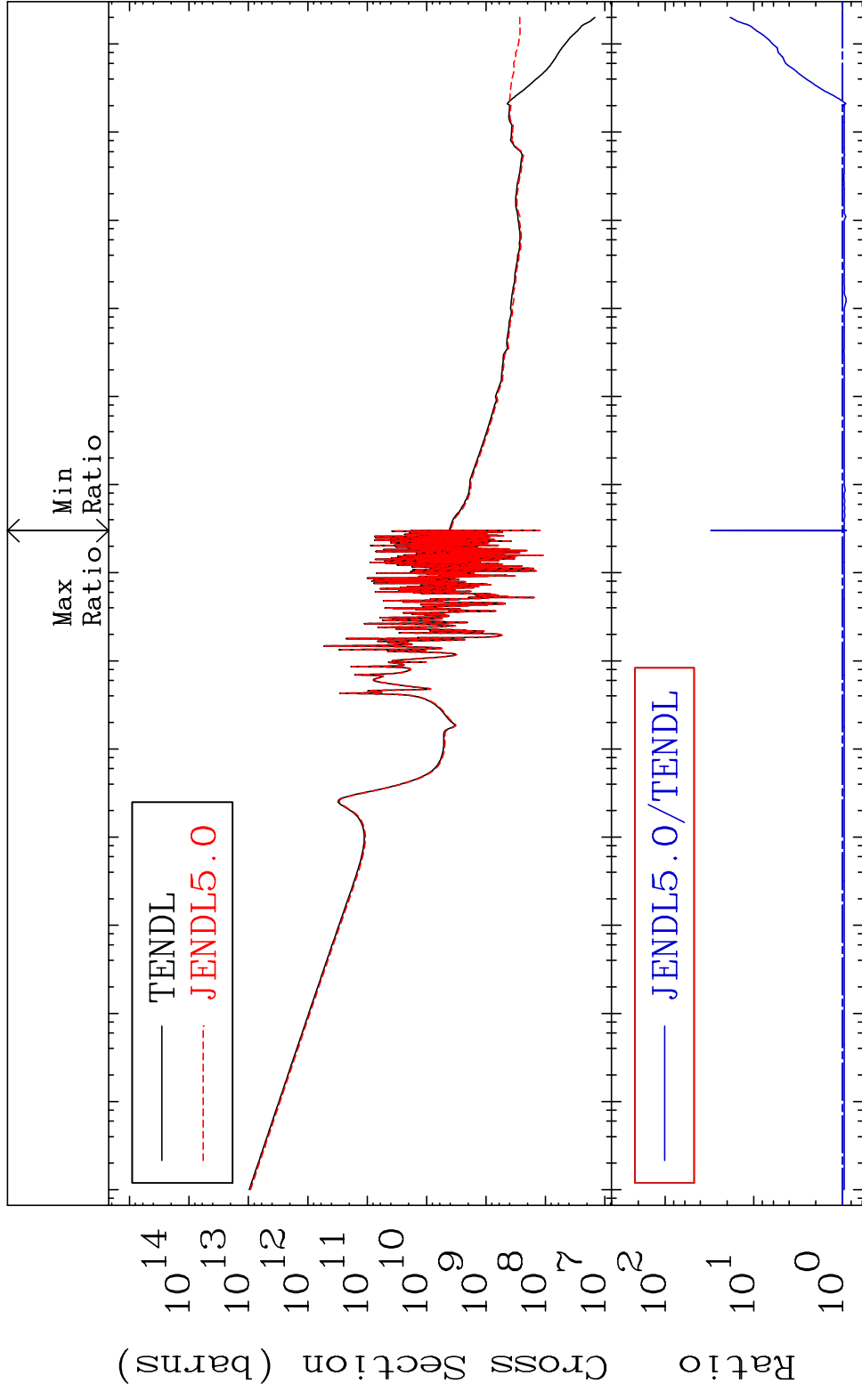
MAT 9443 Kerma non-elastic (all but mt2) 94-Pu-241  
 Cross Section -9.433 To 2961. %



MAT 9443 Kerma inelastic (mt51-91) 94-Pu-241  
 Cross Section -100.0 To 73.81 %



MAT 9443 Kerma fission (mt18 or mt19-20-21-38) 94-Pu-241  
 Cross Section -9.433 To 2961. %

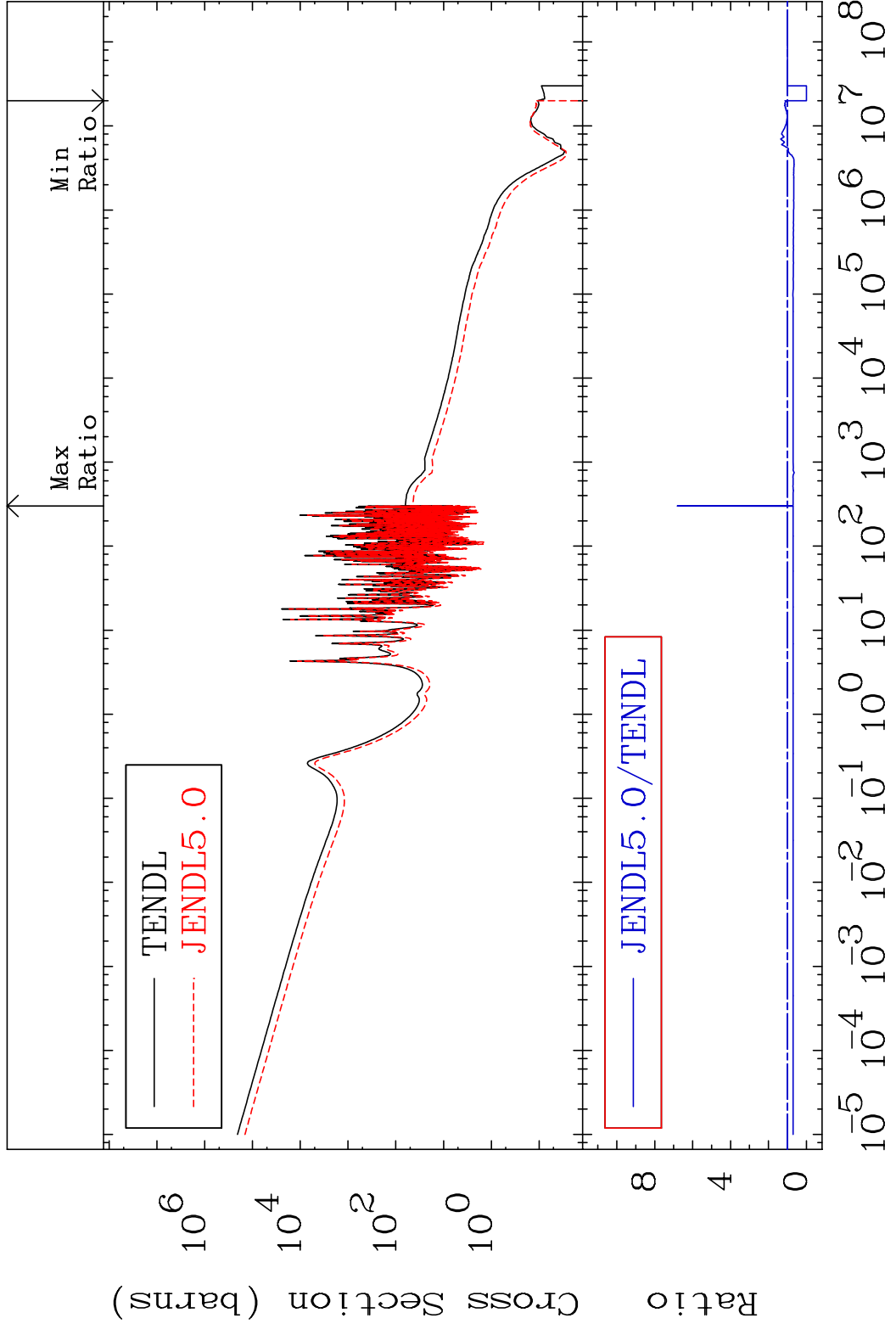


10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

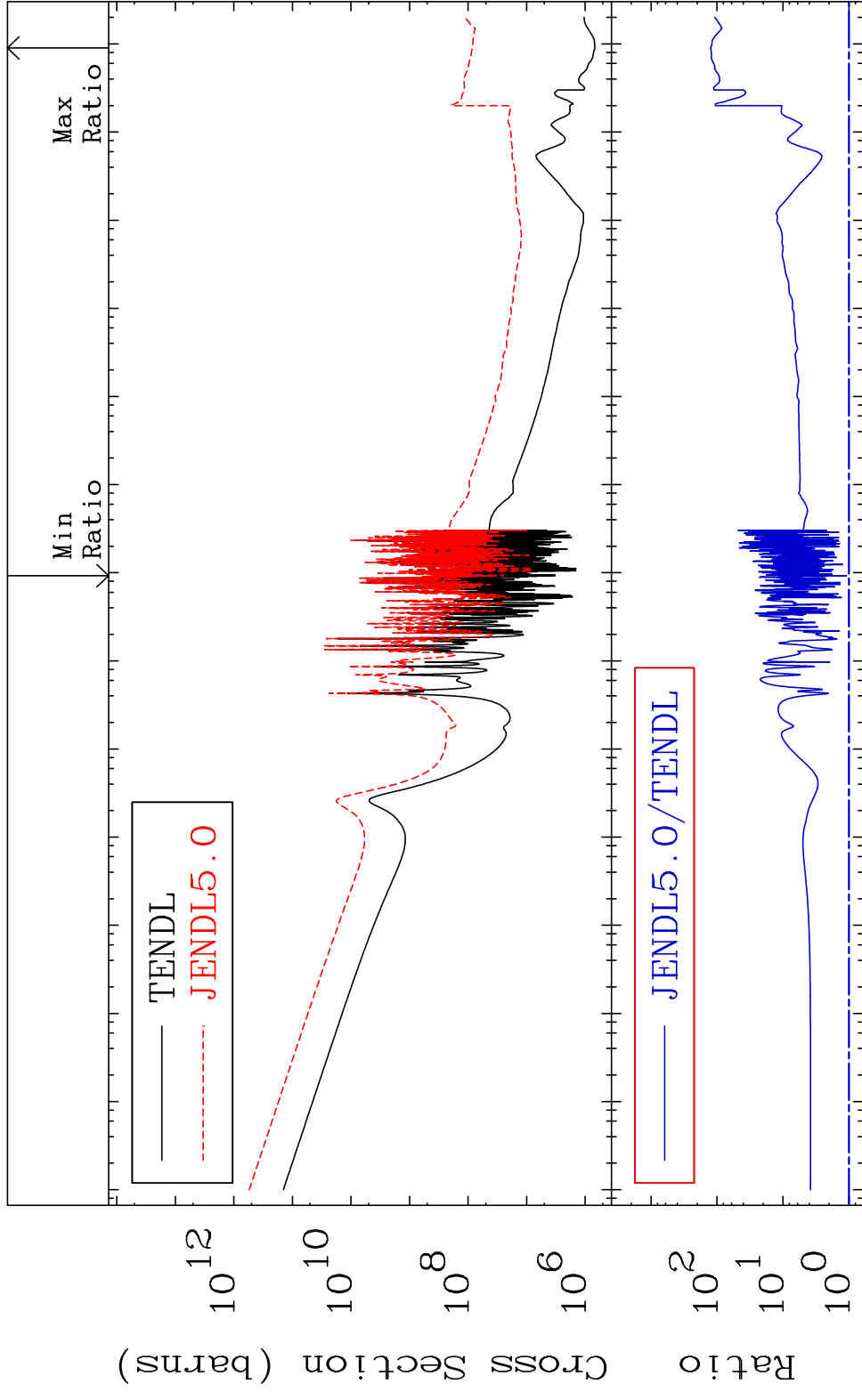
50 Incident Energy (eV) 94-Pu-241

MAT 9443

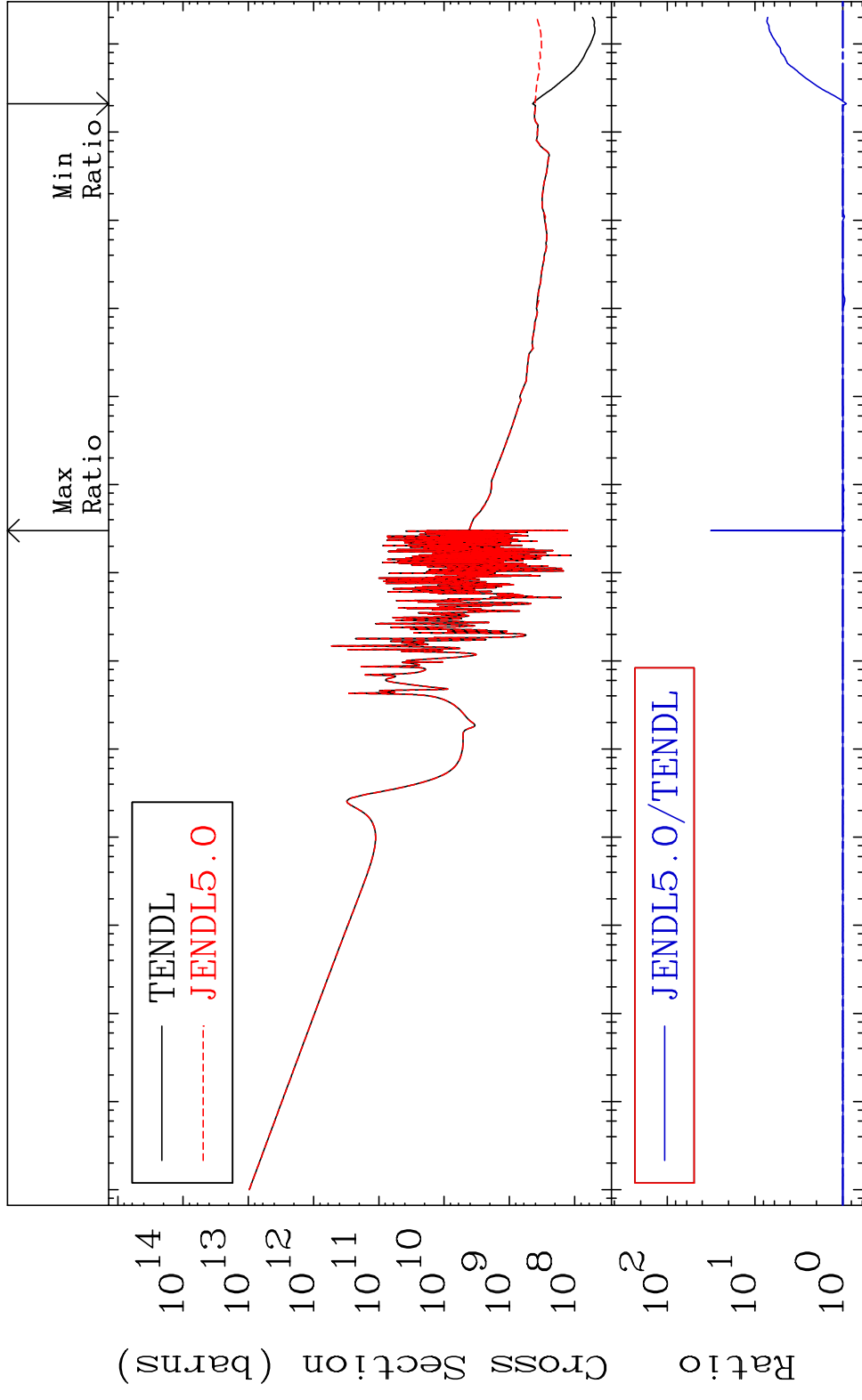
Kerma capture (mt102) 94-Pu-241  
Cross Section -100.0 To 581.6 %



MAT 9443 Total photon (eV-barns) 94-Pu-241  
 Cross Section 9.679 To 9999. %



MAT 9443 Total kinematic kerma (high limit) 94-Pu-241  
 Cross Section -8.720 To 3094. %

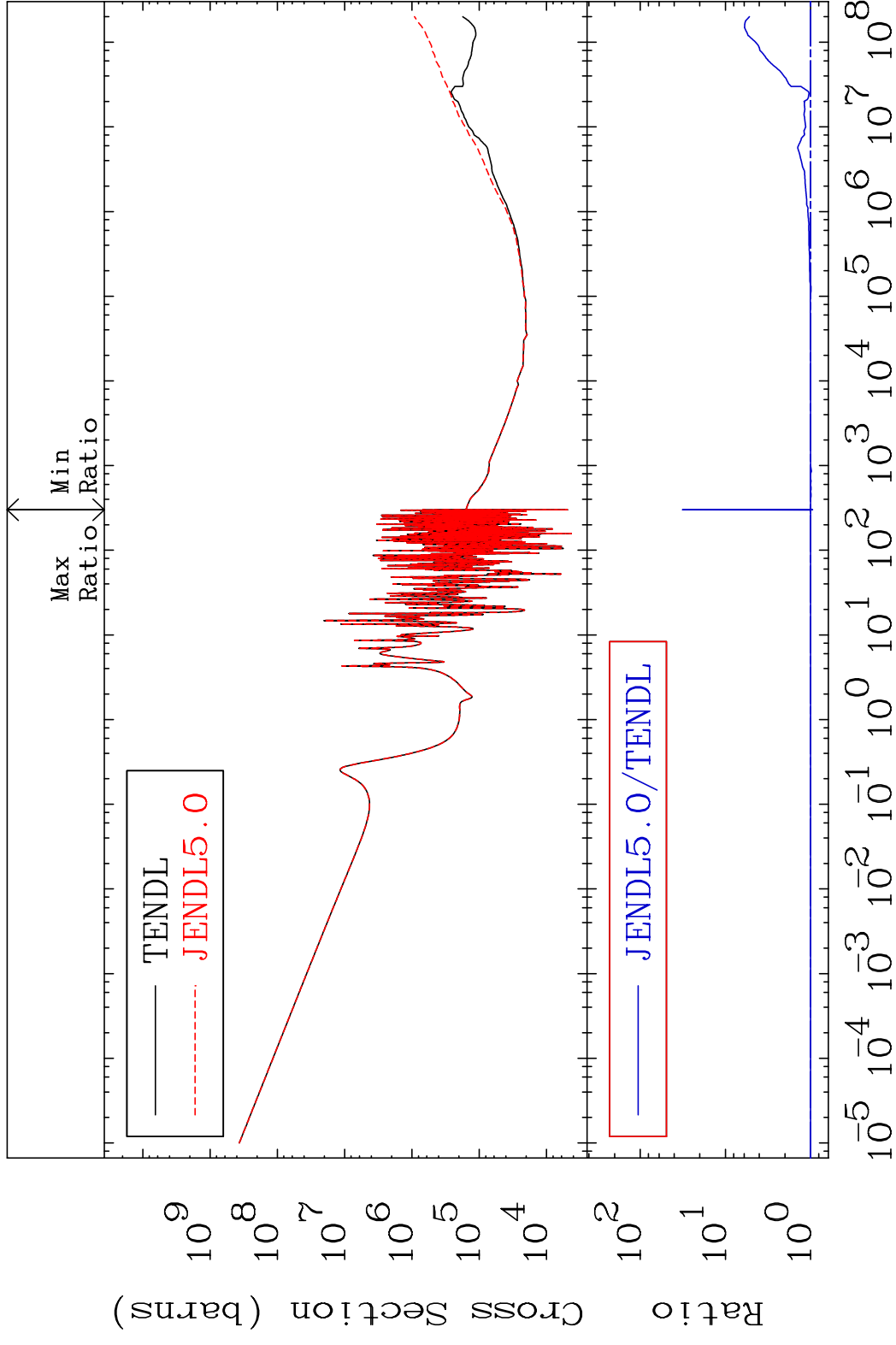


MAT 9443

Dpa total (eV-barns)

94-Pu-241

Cross Section -5.284 To 3100. %

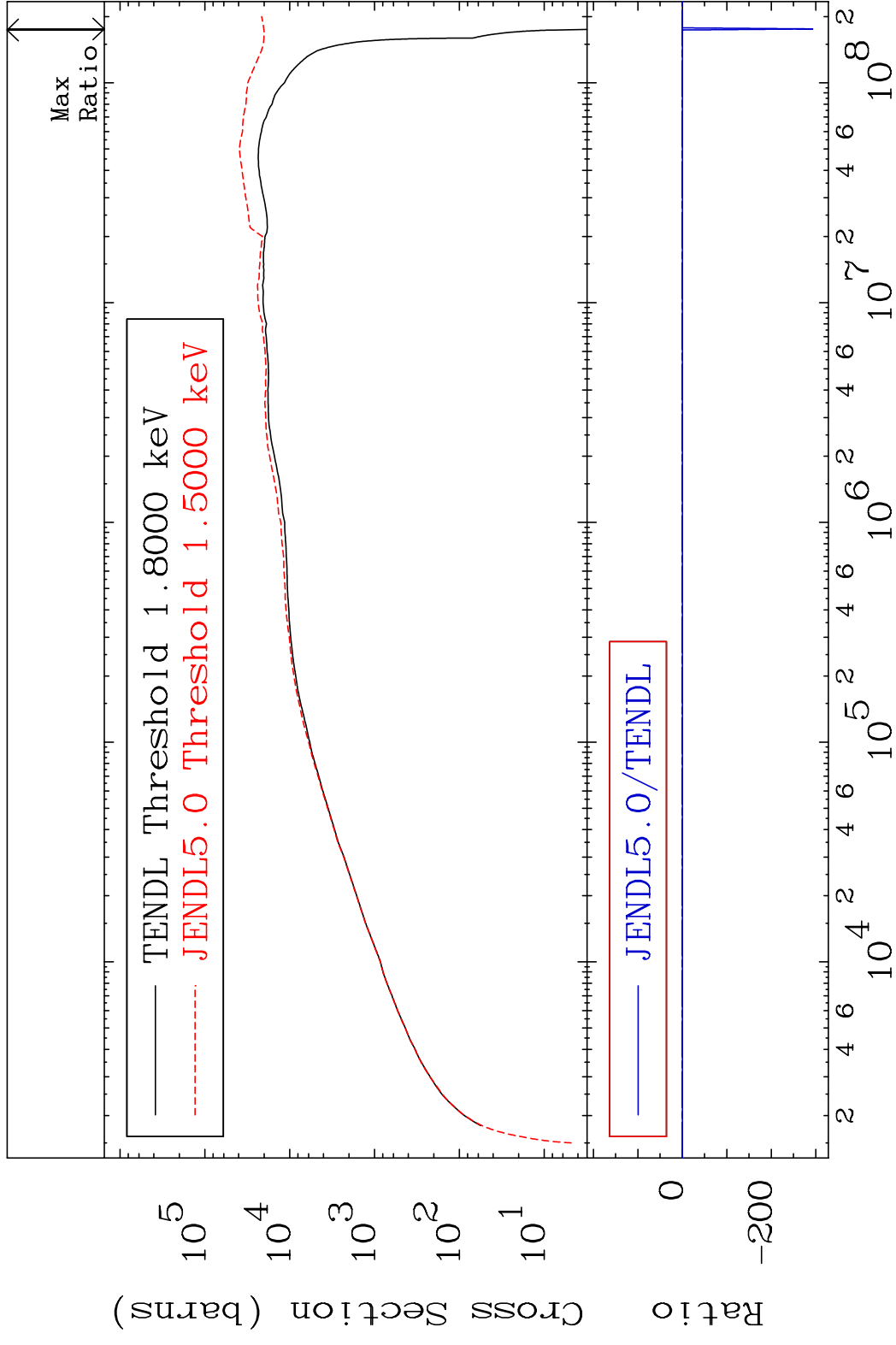


MAT 9443

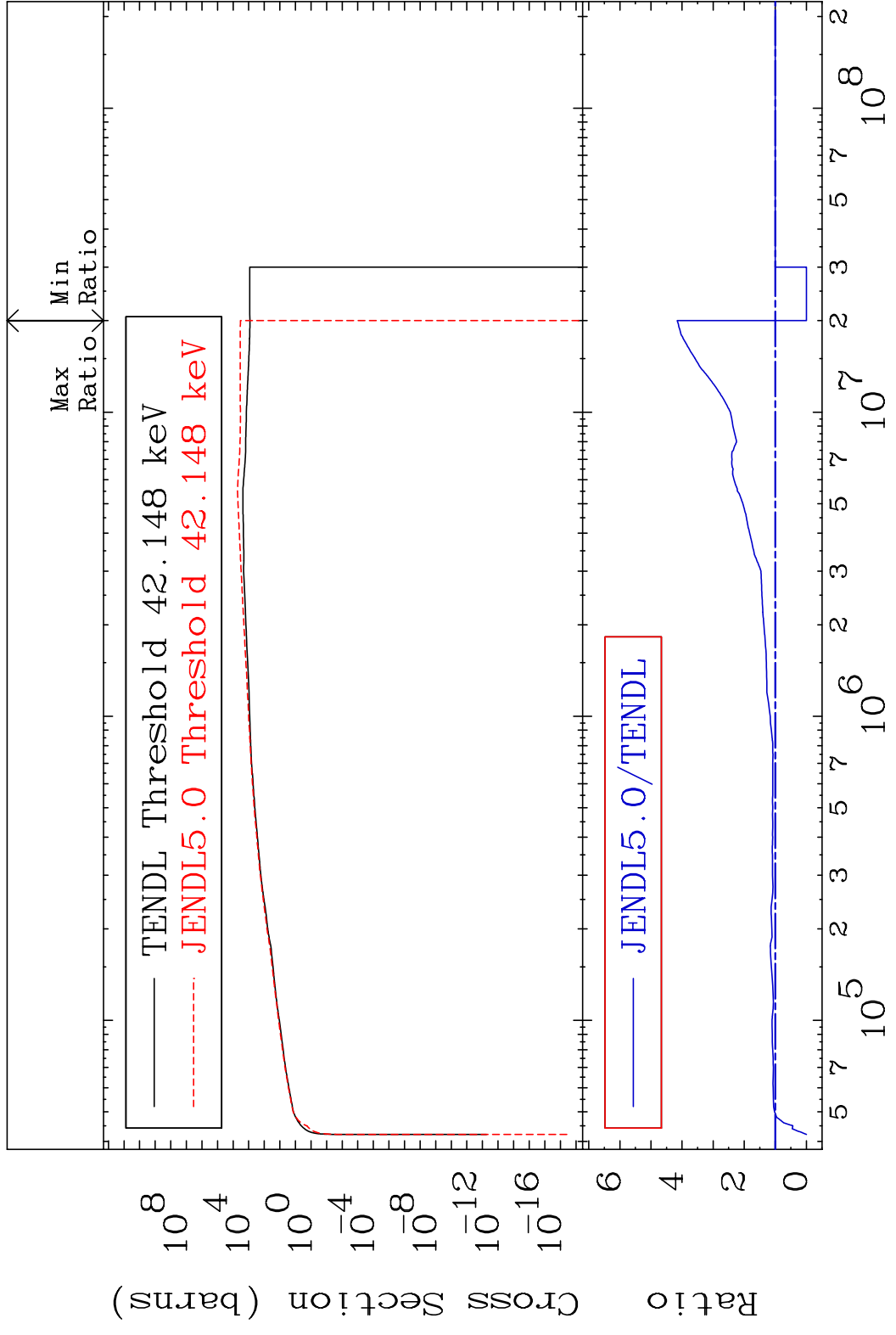
Dpa elastic (mt2)

94-Pu-241

Cross Section -9999. To 9999. %



MAT 9443 Dpa inelastic (mt51-91) 94-Pu-241  
 Cross Section -100.0 To 315.7 %



MAT 9443 Dpa disappearance (mt102 -120) 94-Pu-241  
 Cross Section -100.0 To 389.9 %

