

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

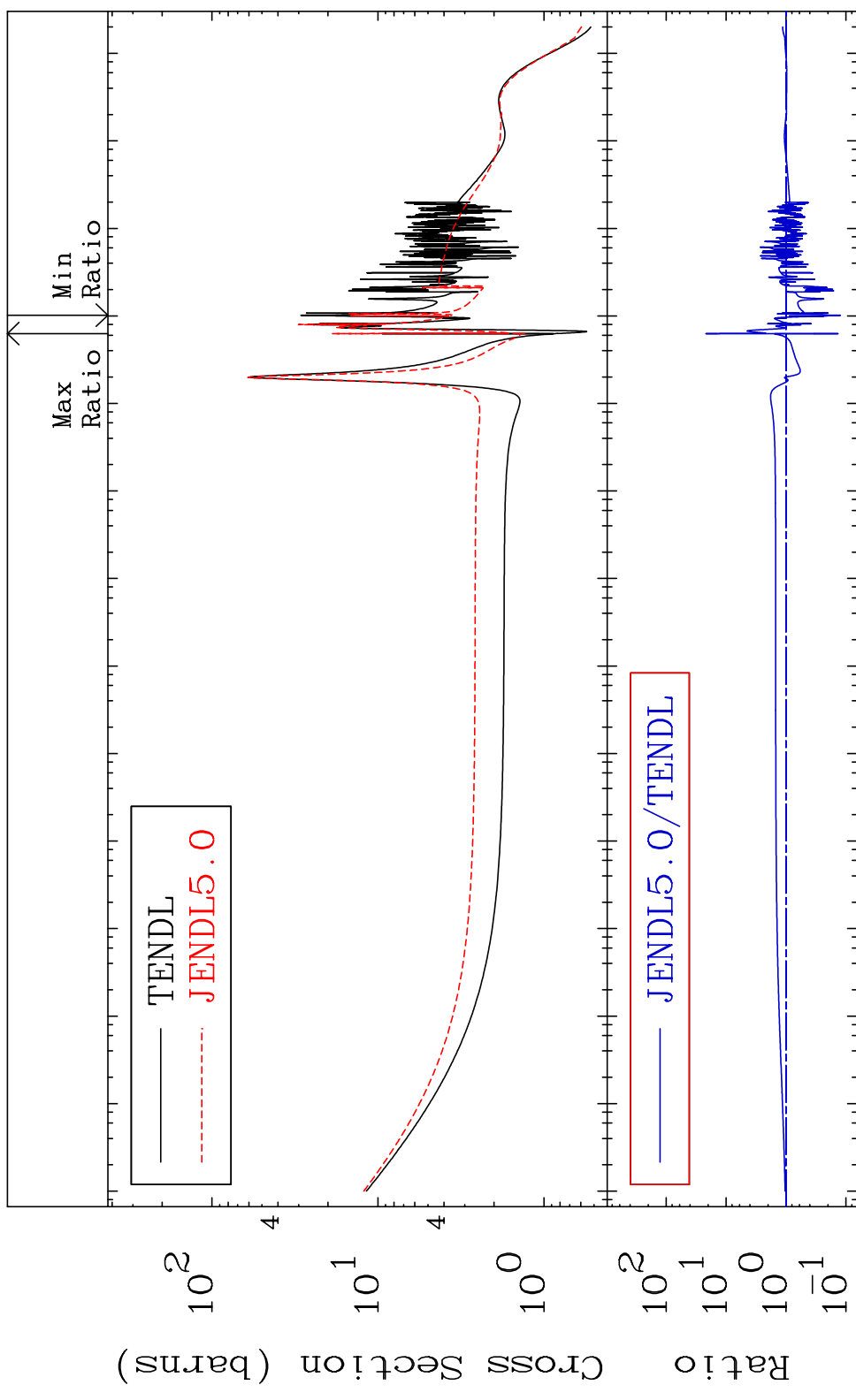
MAT 1228

Total

12-Mg-25

Cross Section

-87.63 To 2088. %



1

Incident Energy (eV)

12-Mg-25

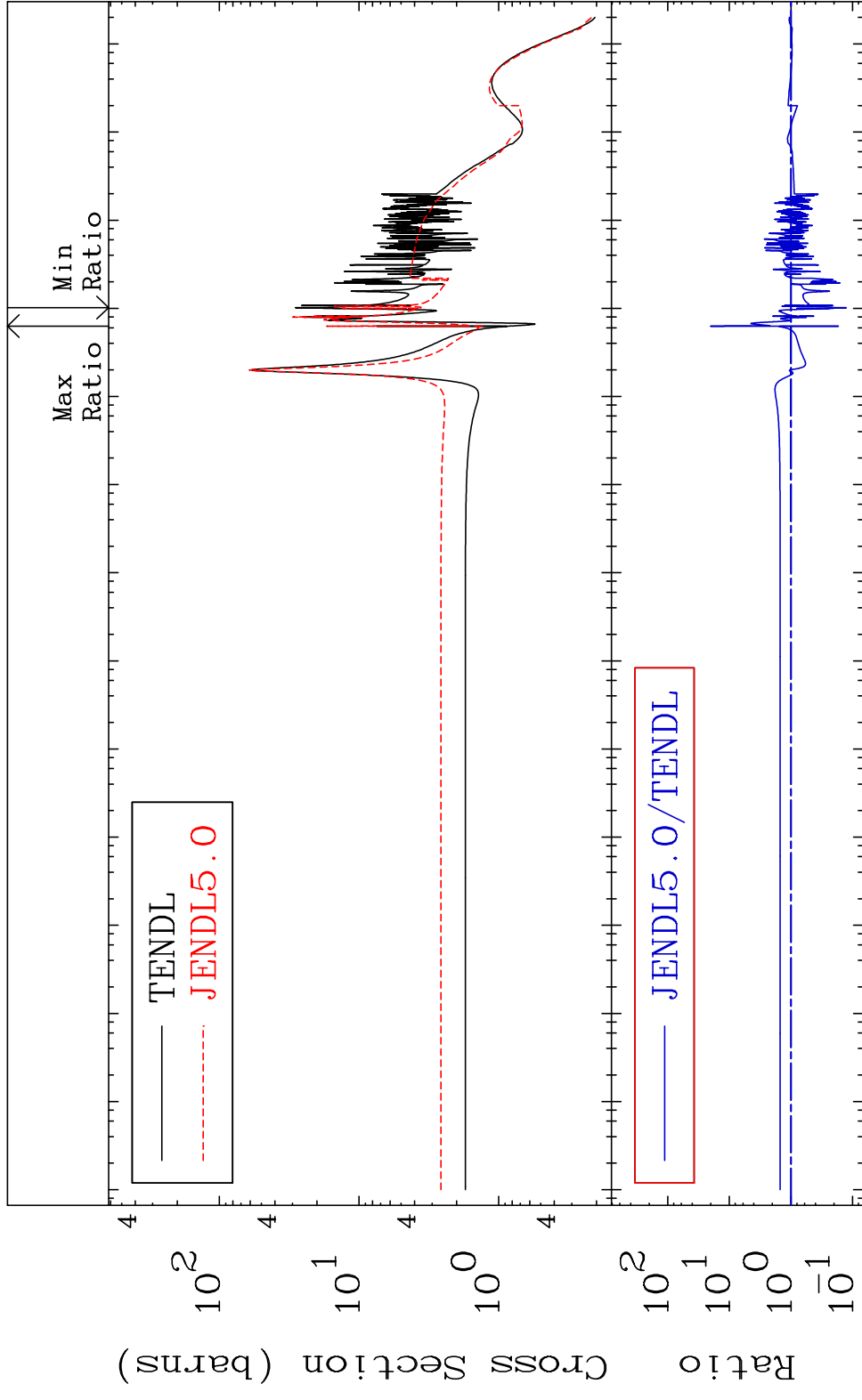
MAT 1228

Elastic

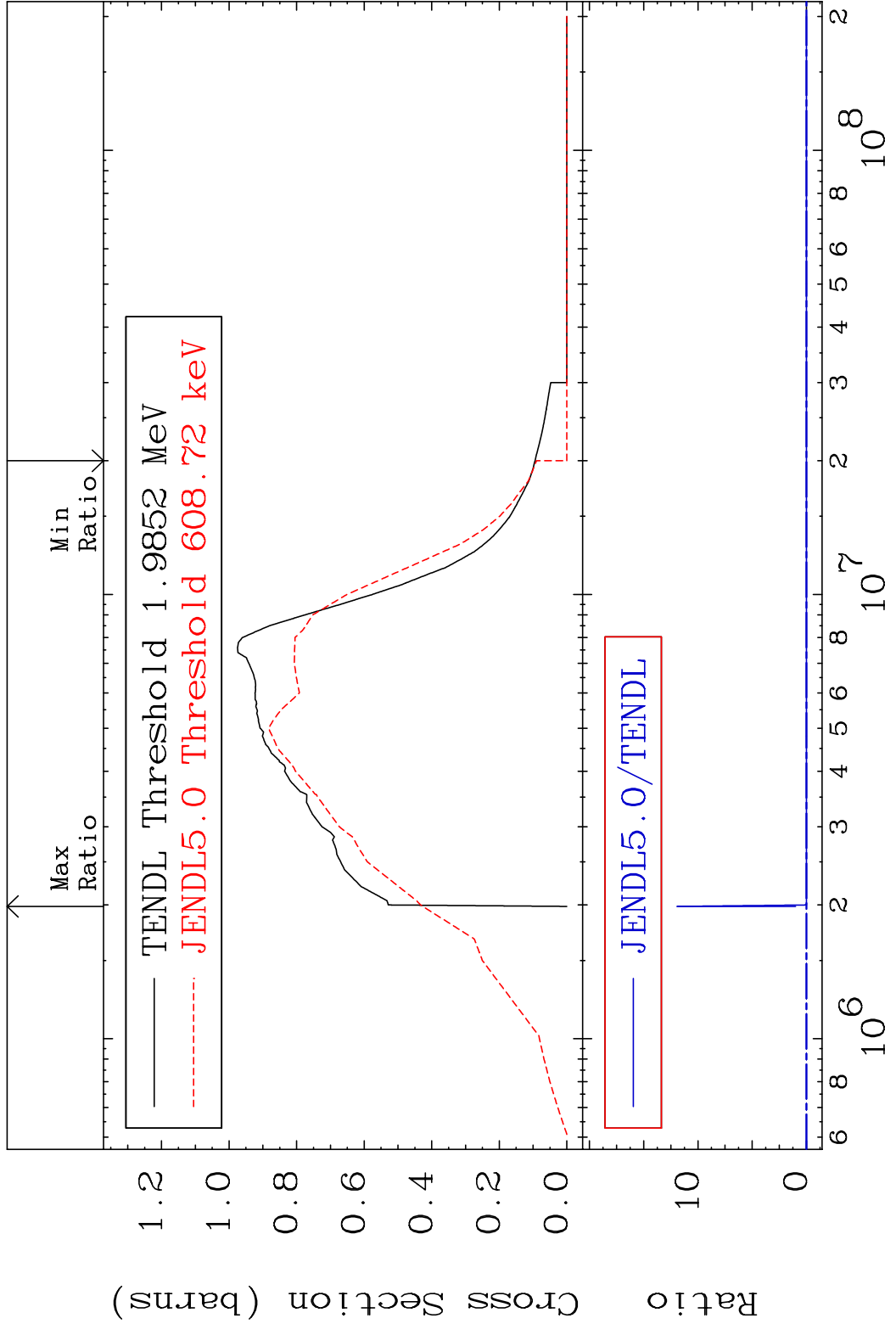
12-Mg-25

Cross Section

-87.39 To 1905. %



MAT 1228 Inelastic Cross Section -100.0 To 9999. % 12-Mg-25



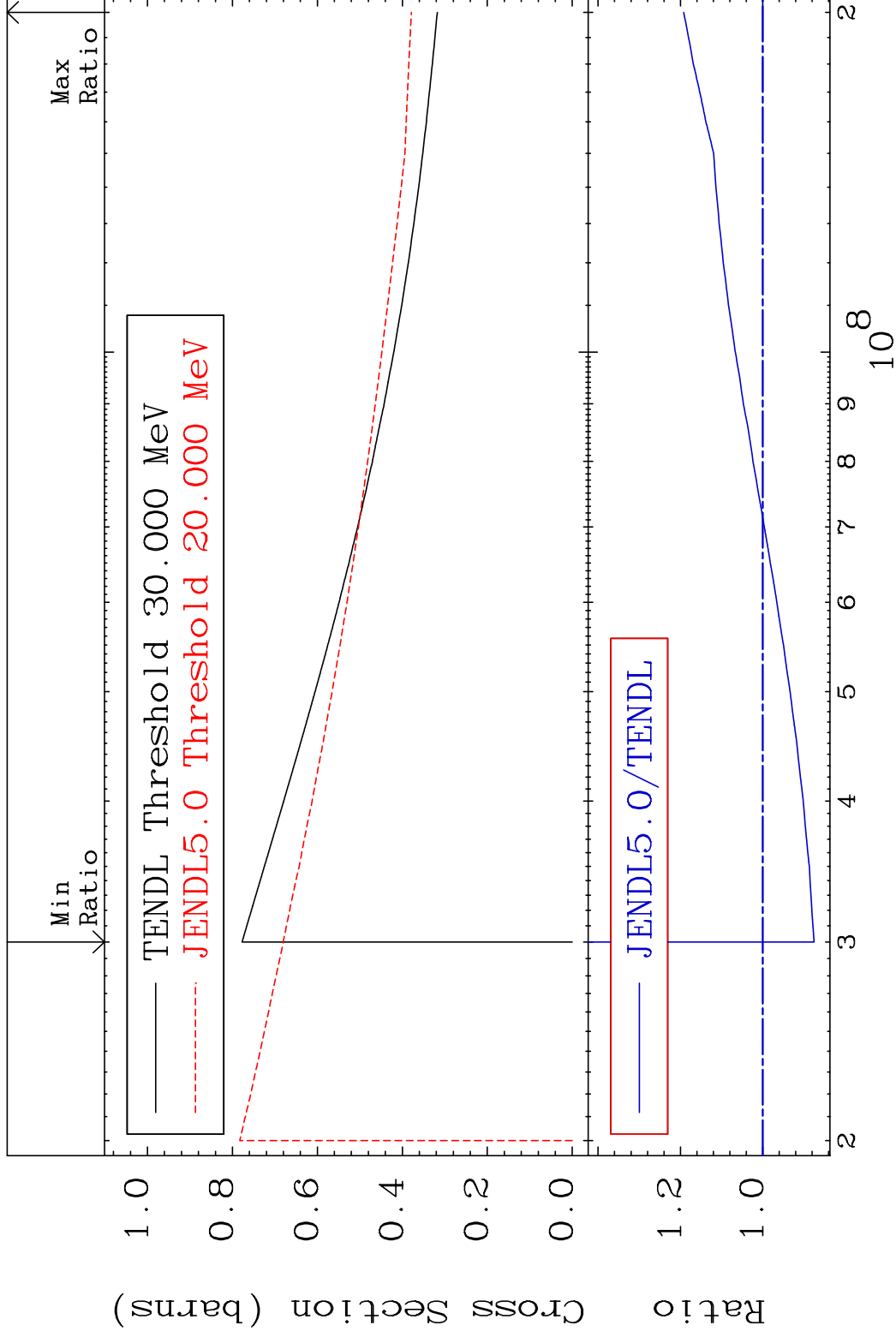
3 Incident Energy (eV) 12-Mg-25

MAT 1228

(n, remainder)

12-Mg-25

Cross Section -12.47 To 19.22 %

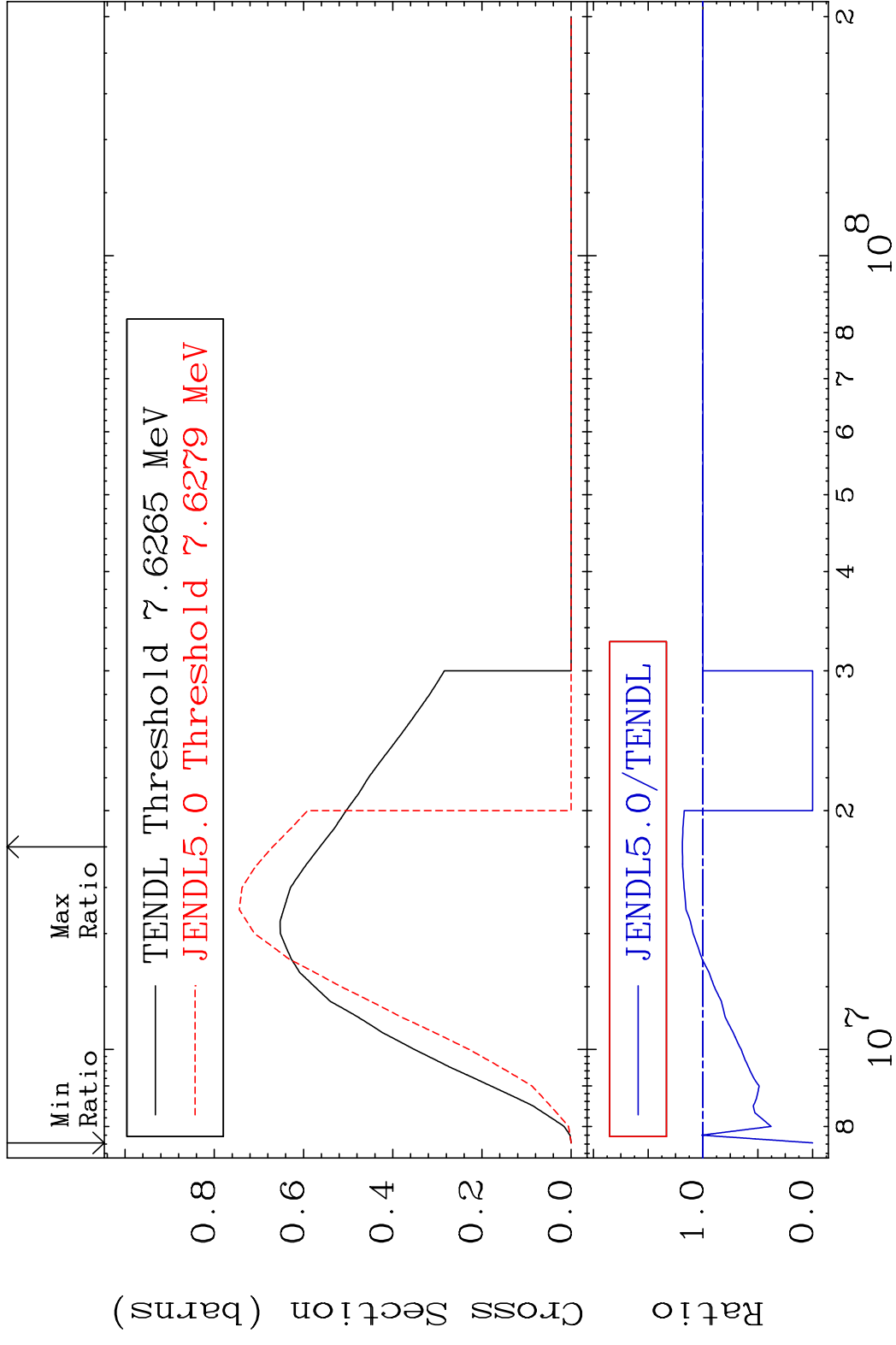


4

Incident Energy (eV)

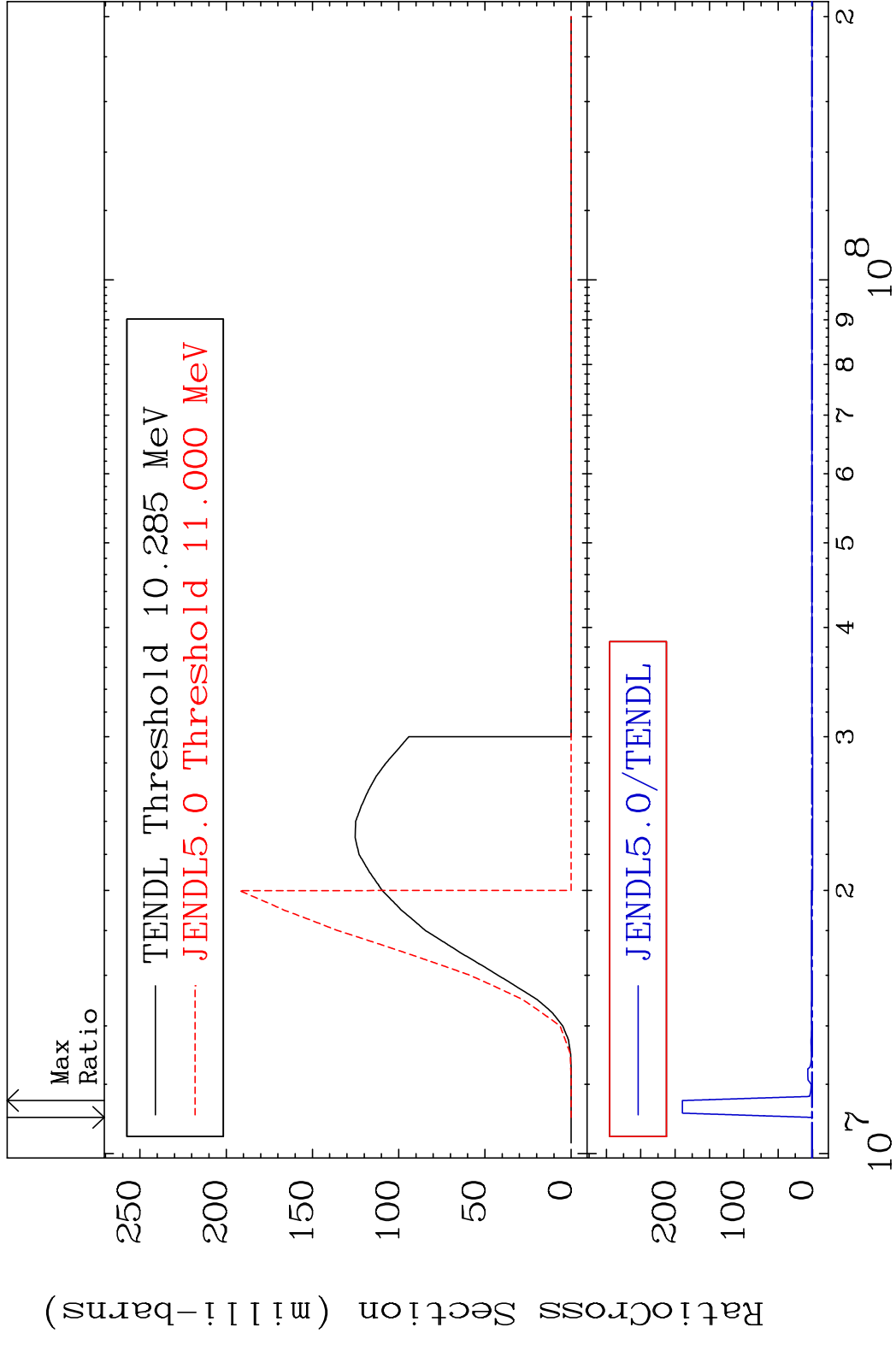
12-Mg-25

MAT 1228 (n,2n) 12-Mg-25  
 Cross Section -100.0 To 18.81 %



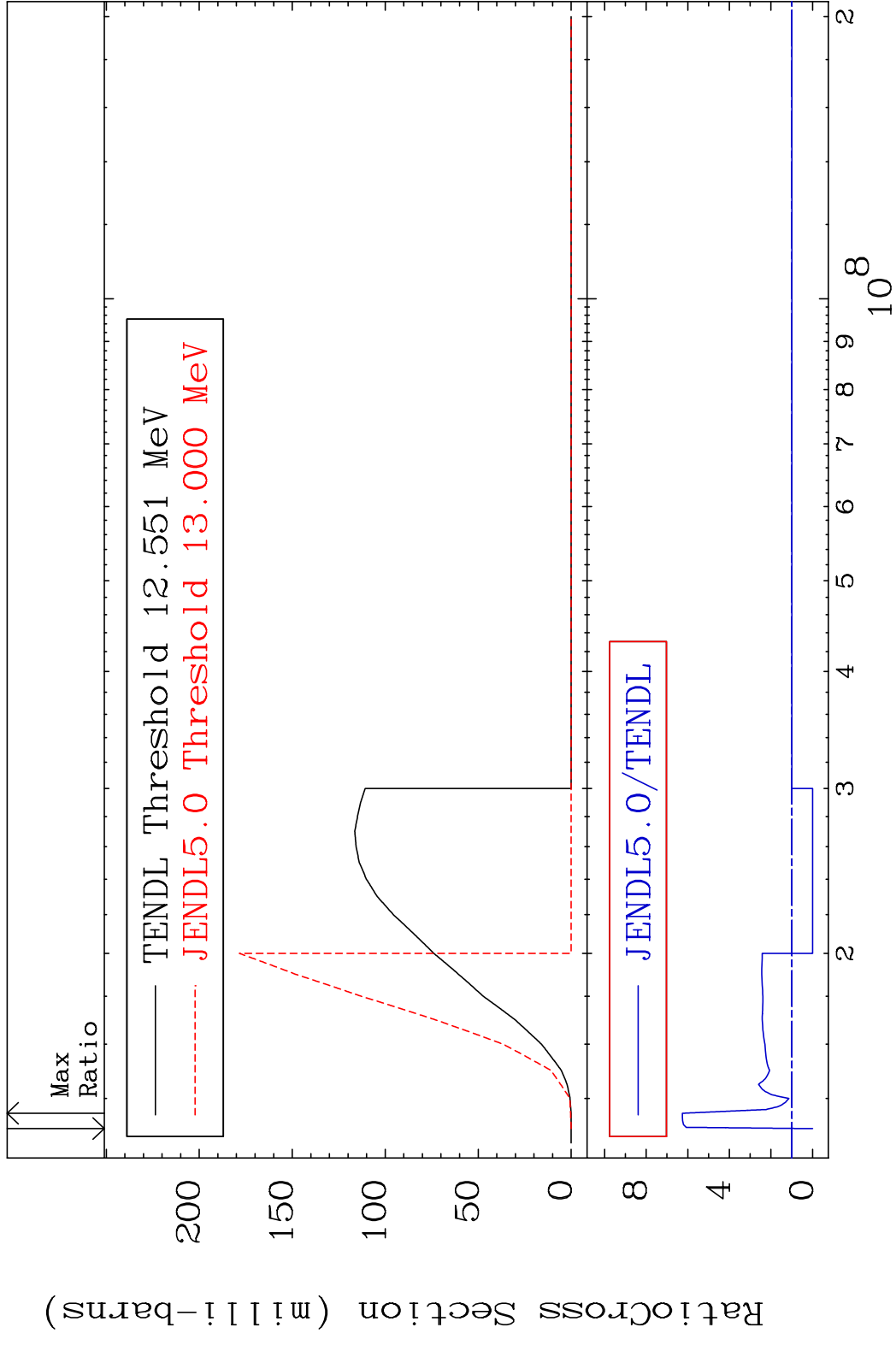
5 Incident Energy (eV) 12-Mg-25

MAT 1228 (n, n')  $\alpha$  12-Mg-25  
 Cross Section -100.0 To 9999. %



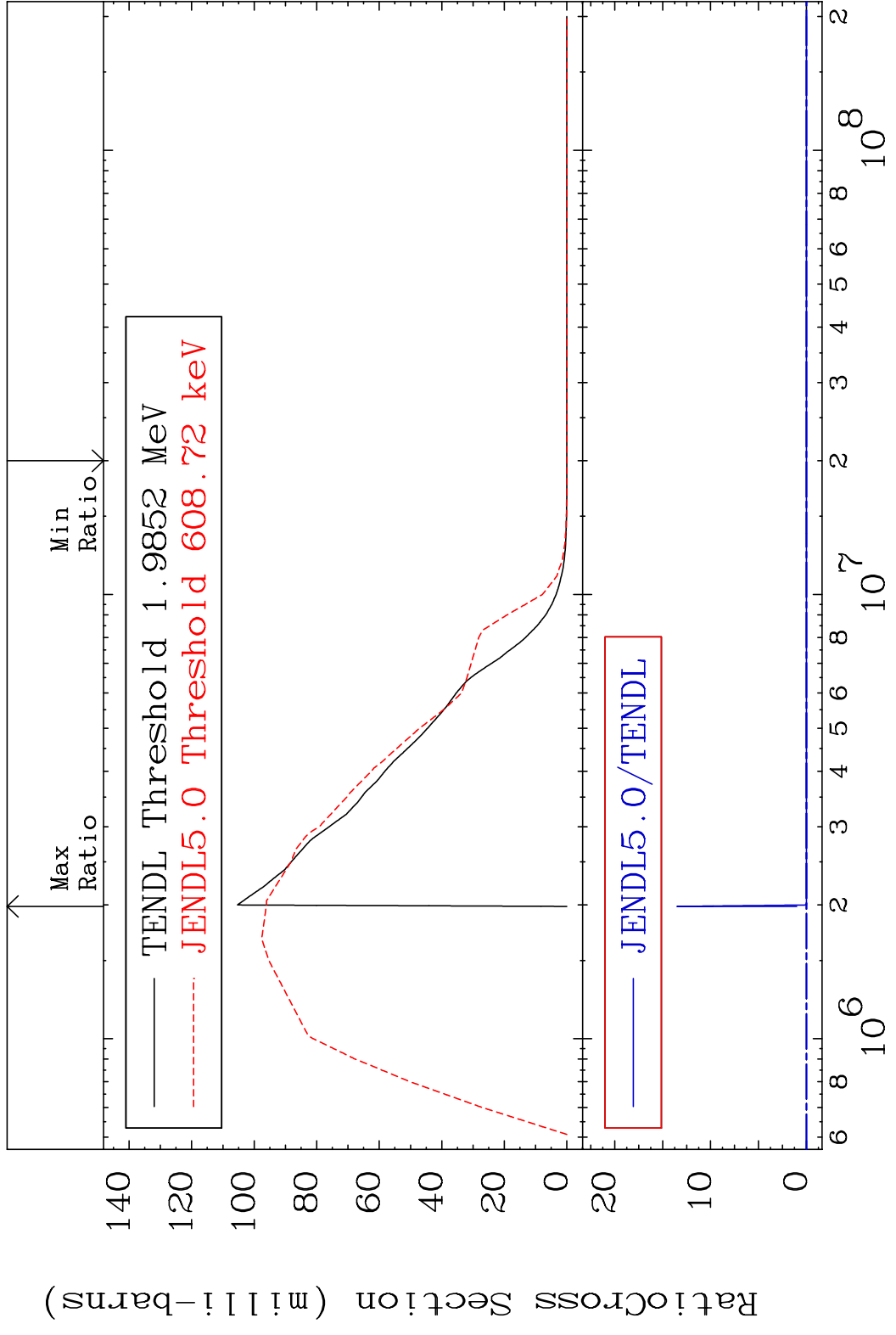
6 6 7 8 9 10<sup>8</sup> 12-Mg-25

MAT 1228 (n, n') p 12-Mg-25  
 Cross Section -100.0 To 526.0 %



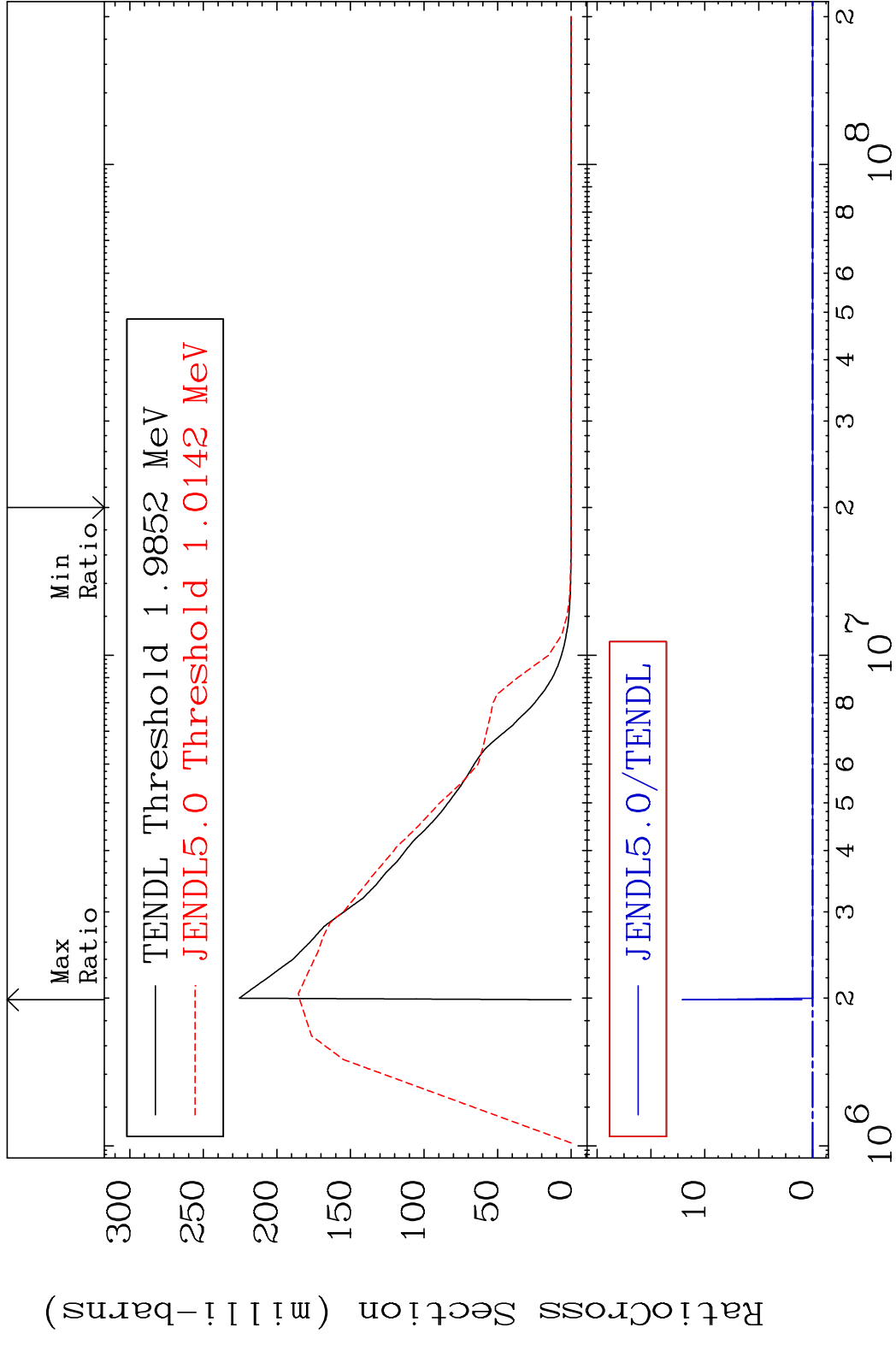


MAT 1228 MT= 51 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 9999. %



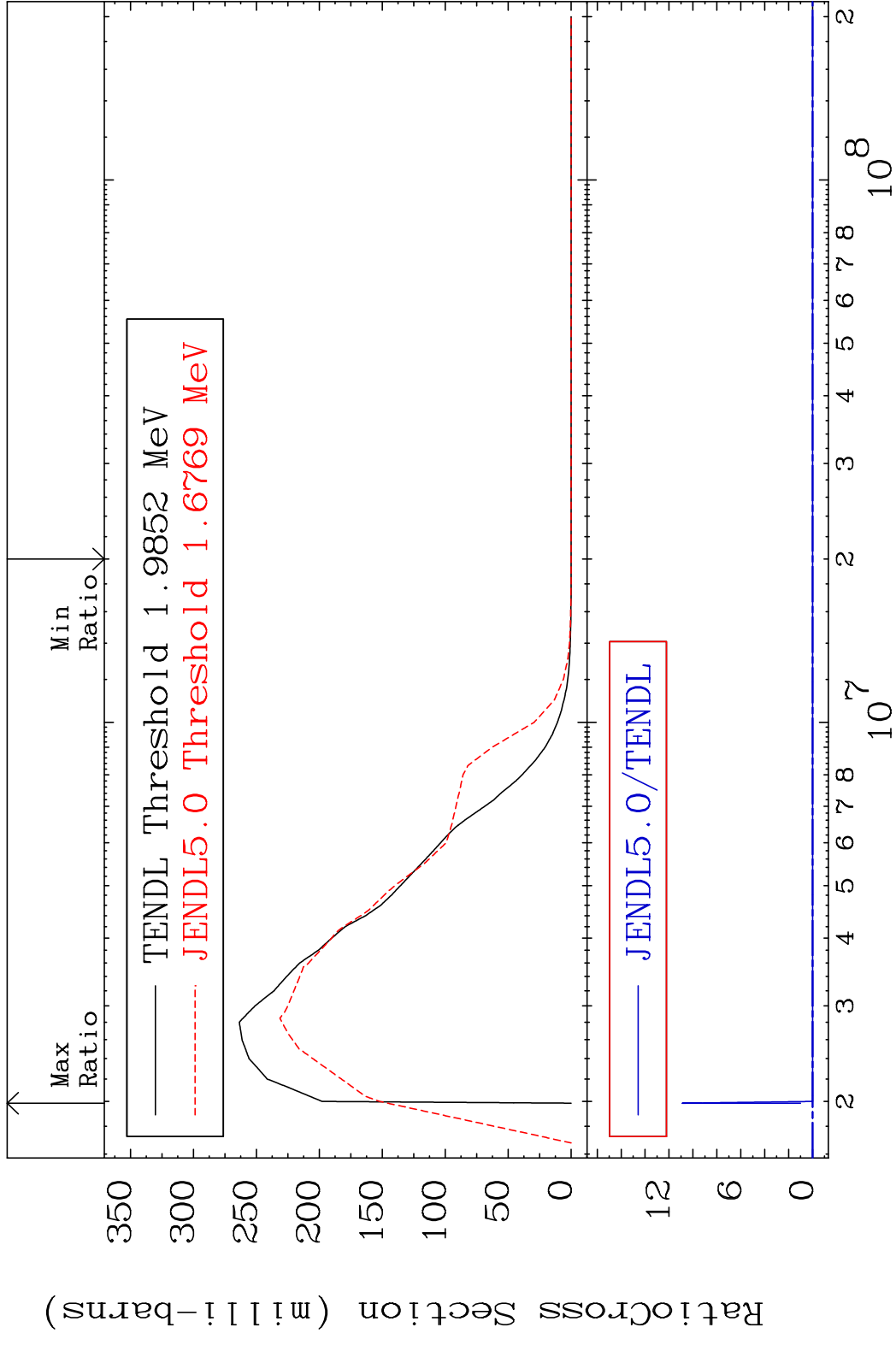
8 6 8 10<sup>6</sup> 2 3 4 5 6 8 10<sup>7</sup> 2 3 4 5 6 8 10<sup>8</sup> 2

MAT 1228 MT= 52 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 9999. %



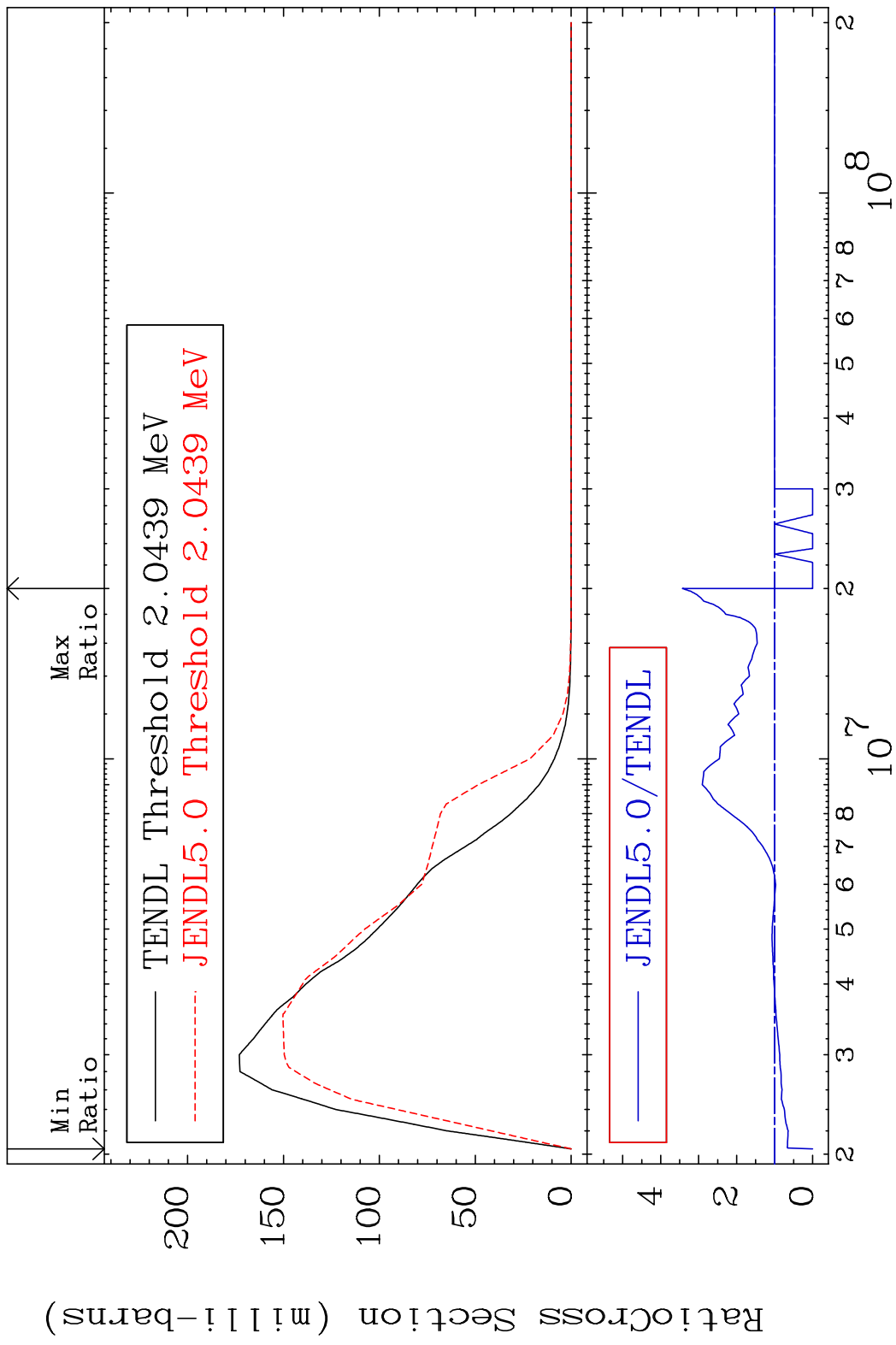
9

MAT 1228 MT= 53 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 9999. %

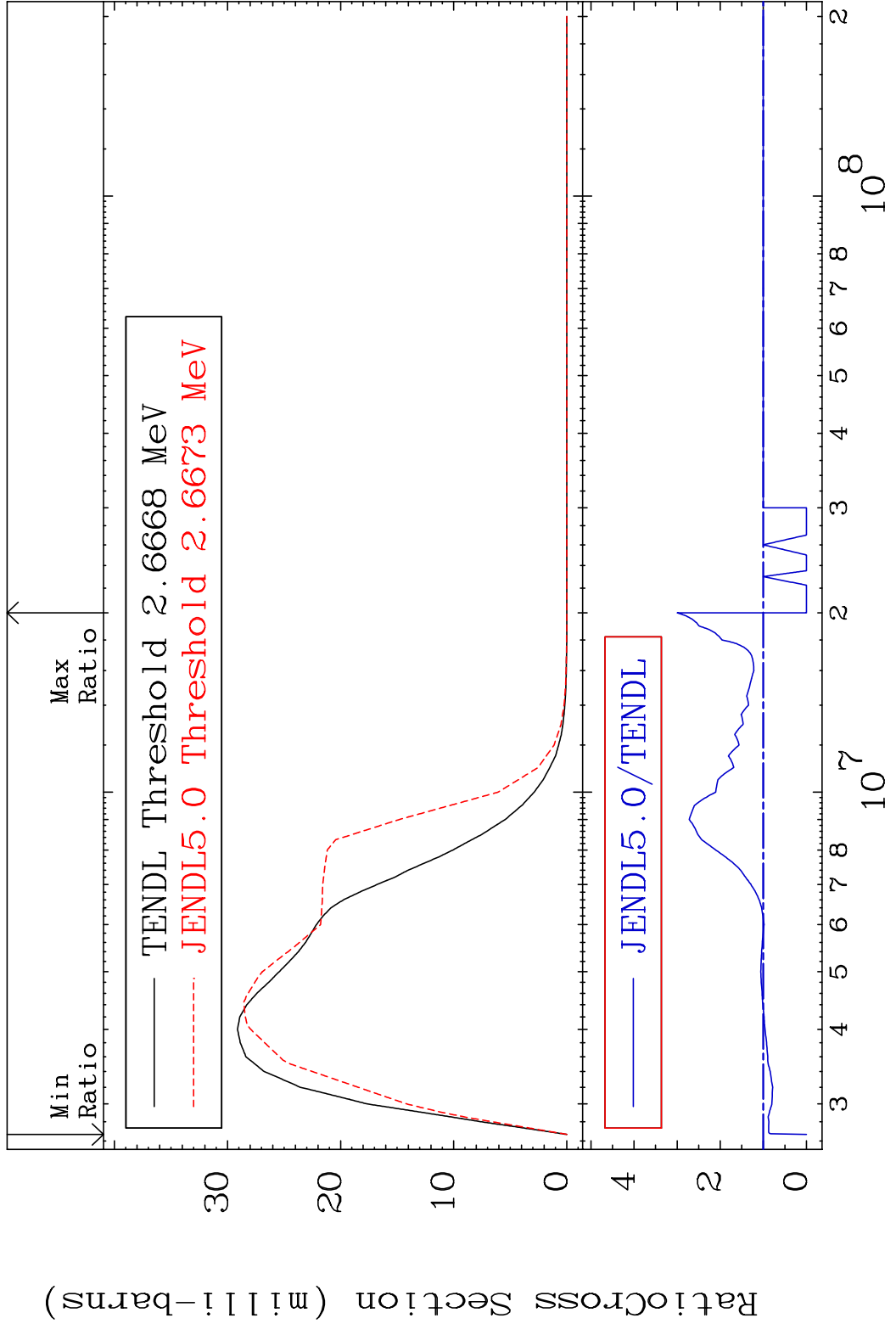


10 12 6 0 2 3 4 5 6 7 8 10<sup>7</sup> 10<sup>8</sup> 2

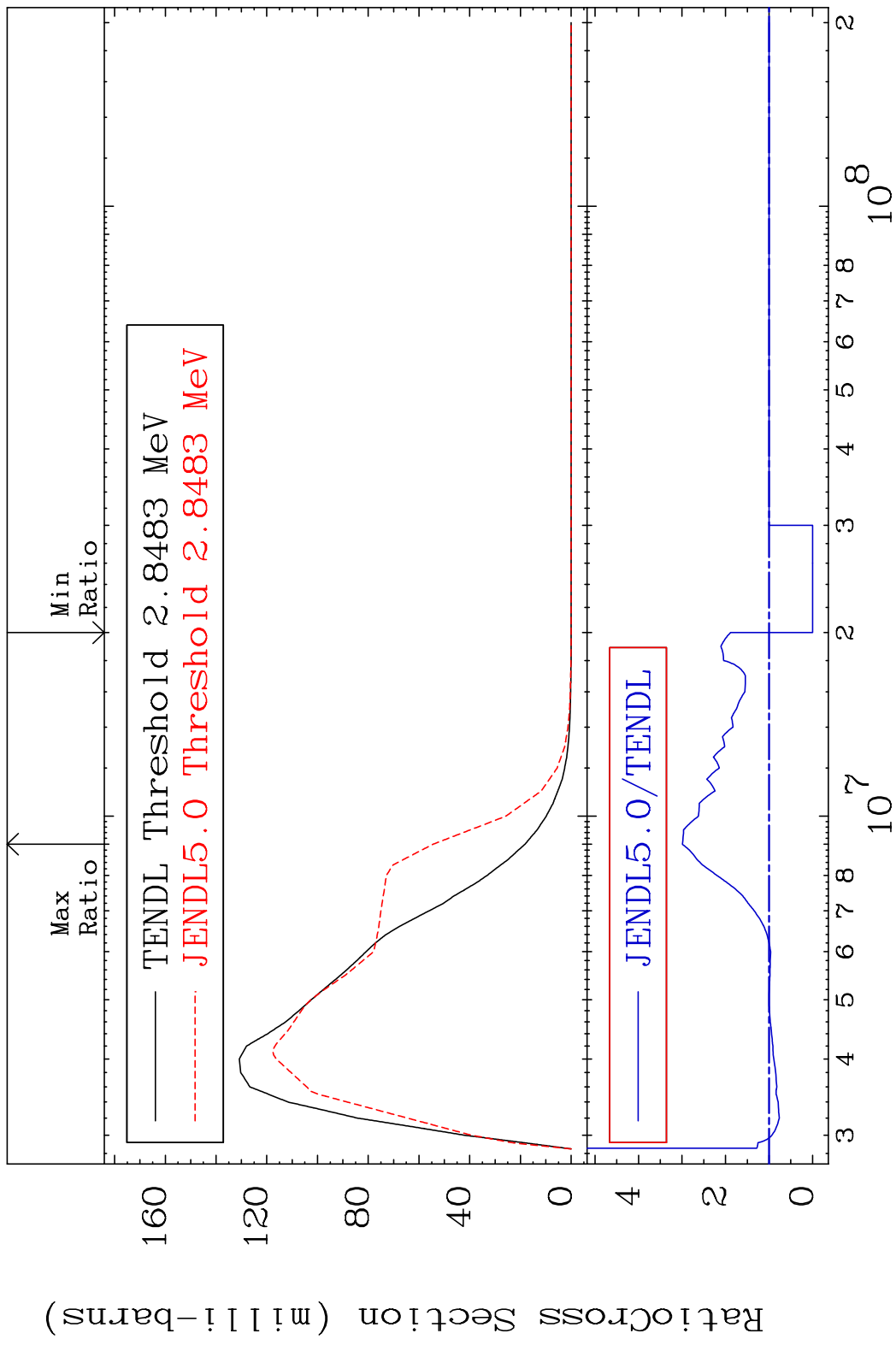
MAT 1228 MT= 54 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 242.9 %



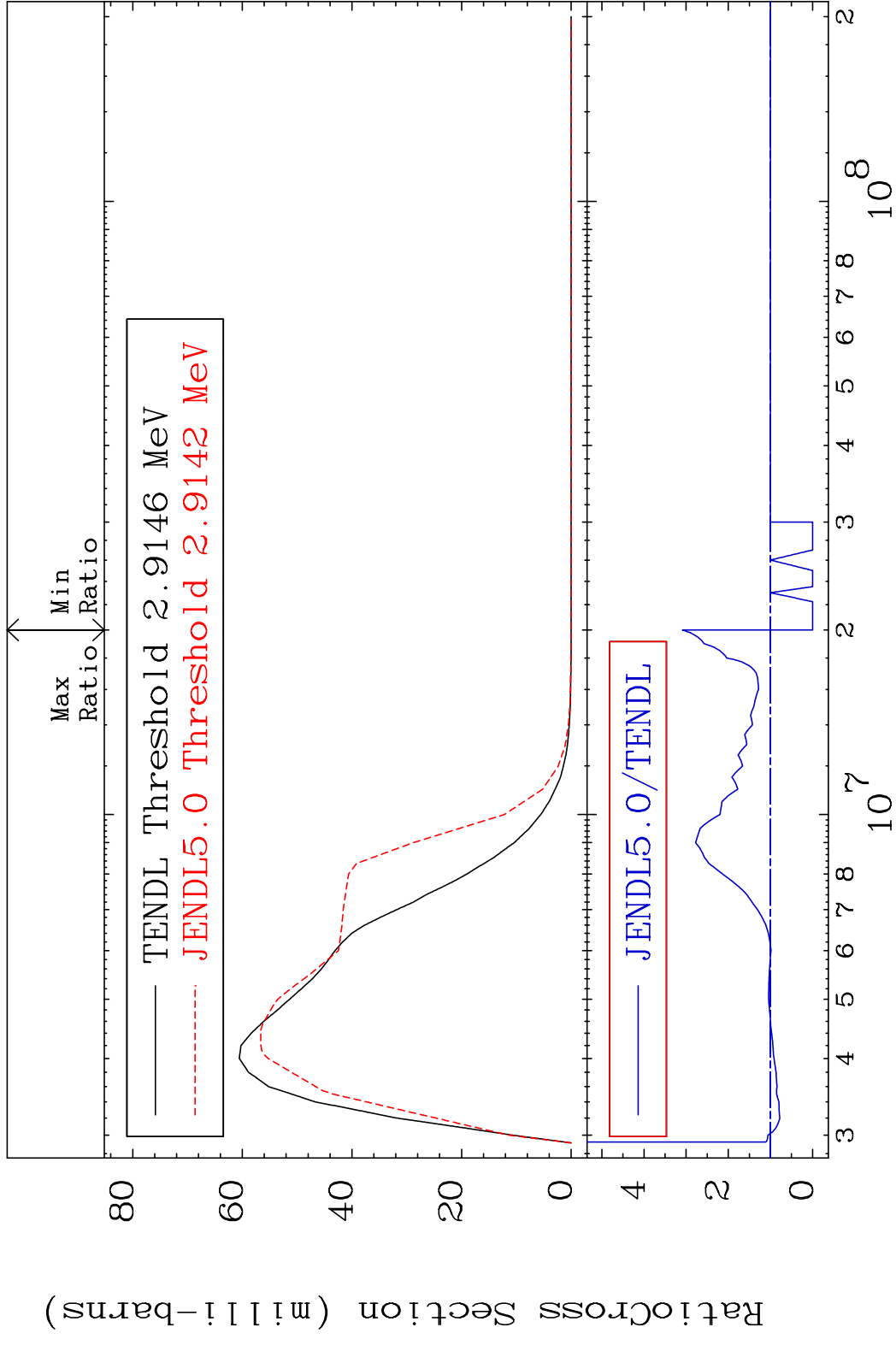
MAT 1228 MT= 55 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 199.8 %



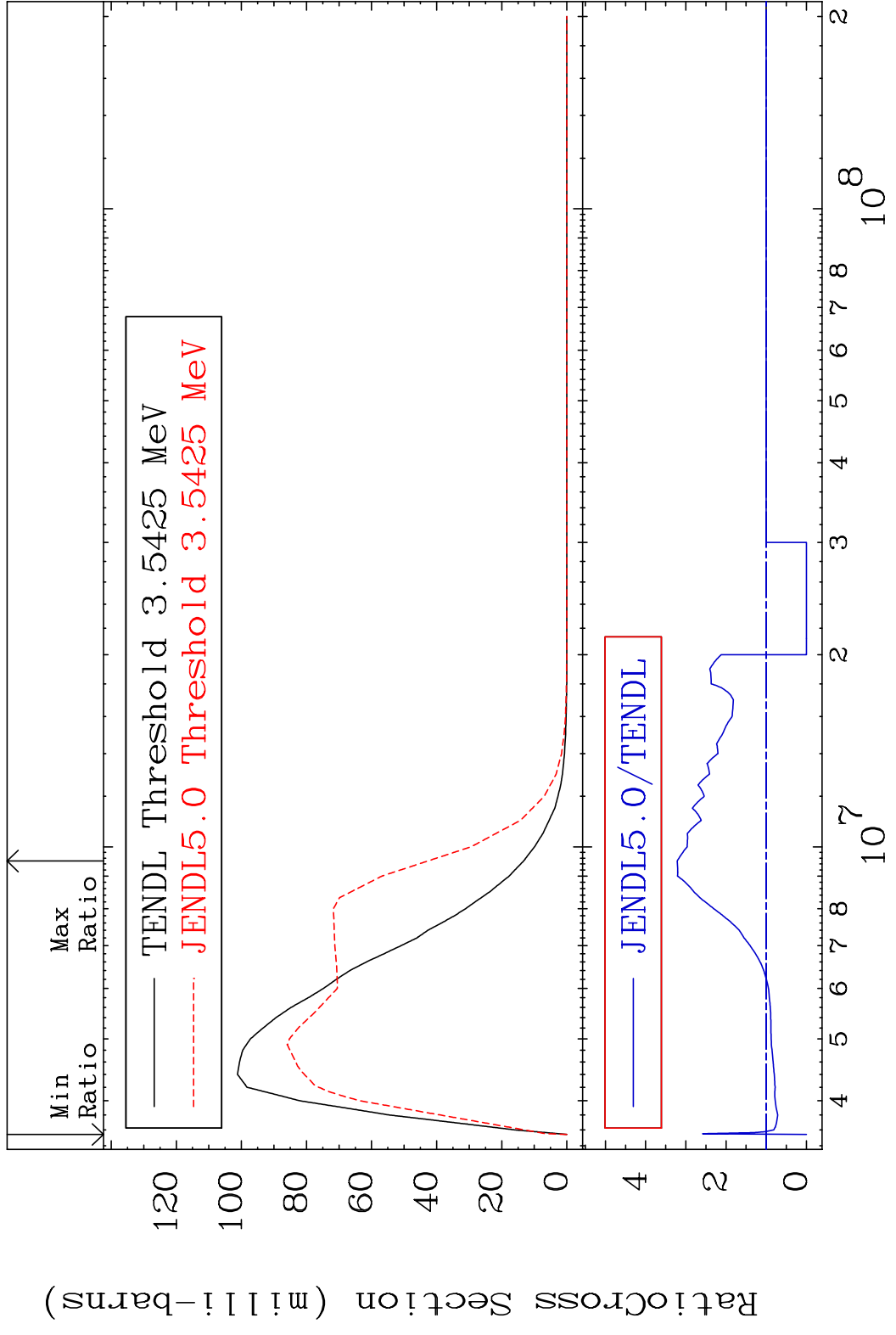
MAT 1228 MT= 56 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 199.2 %



MAT 1228 MT= 57 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 208.9 %

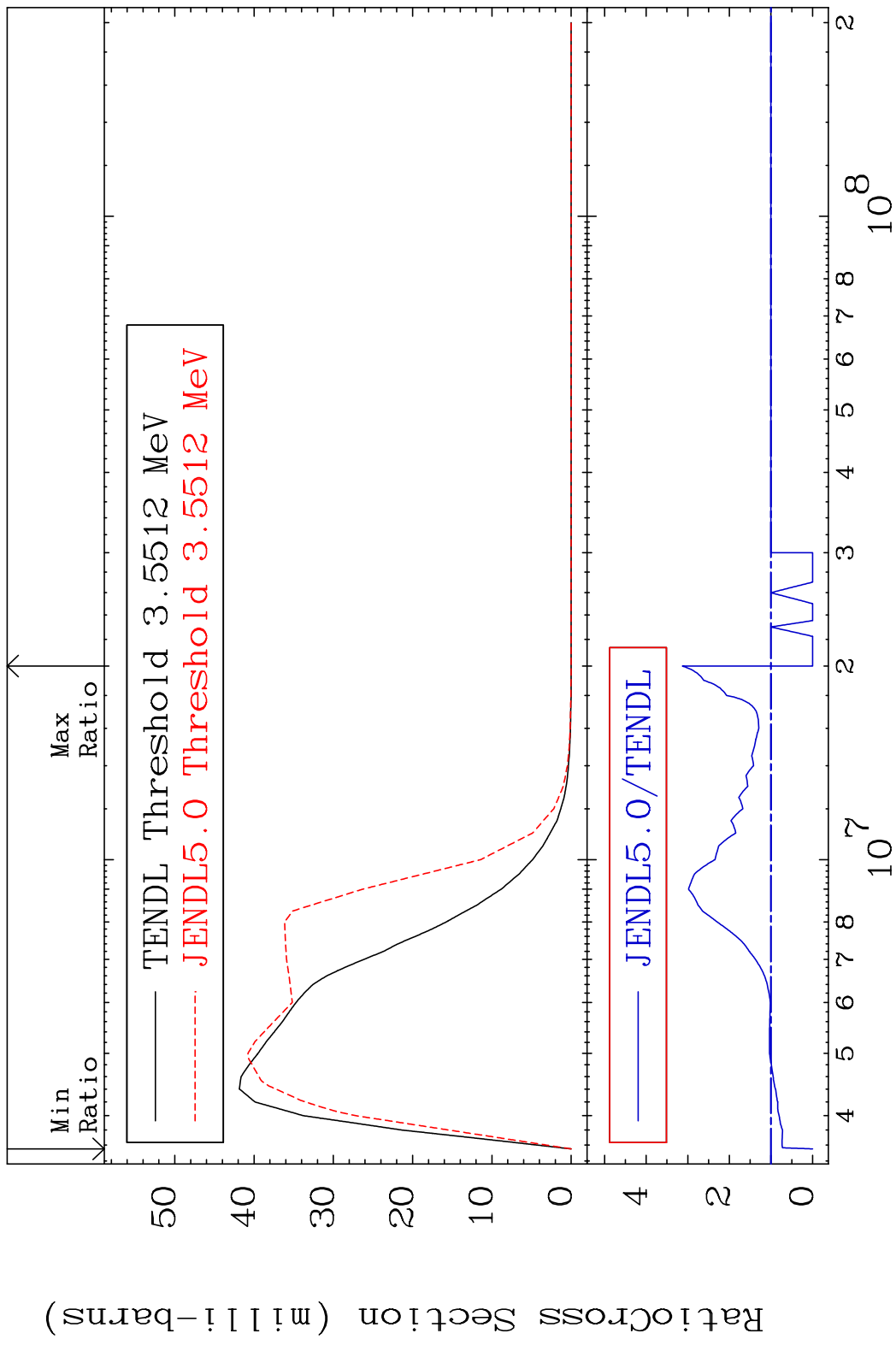


MAT 1228 MT= 58 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 221.5 %

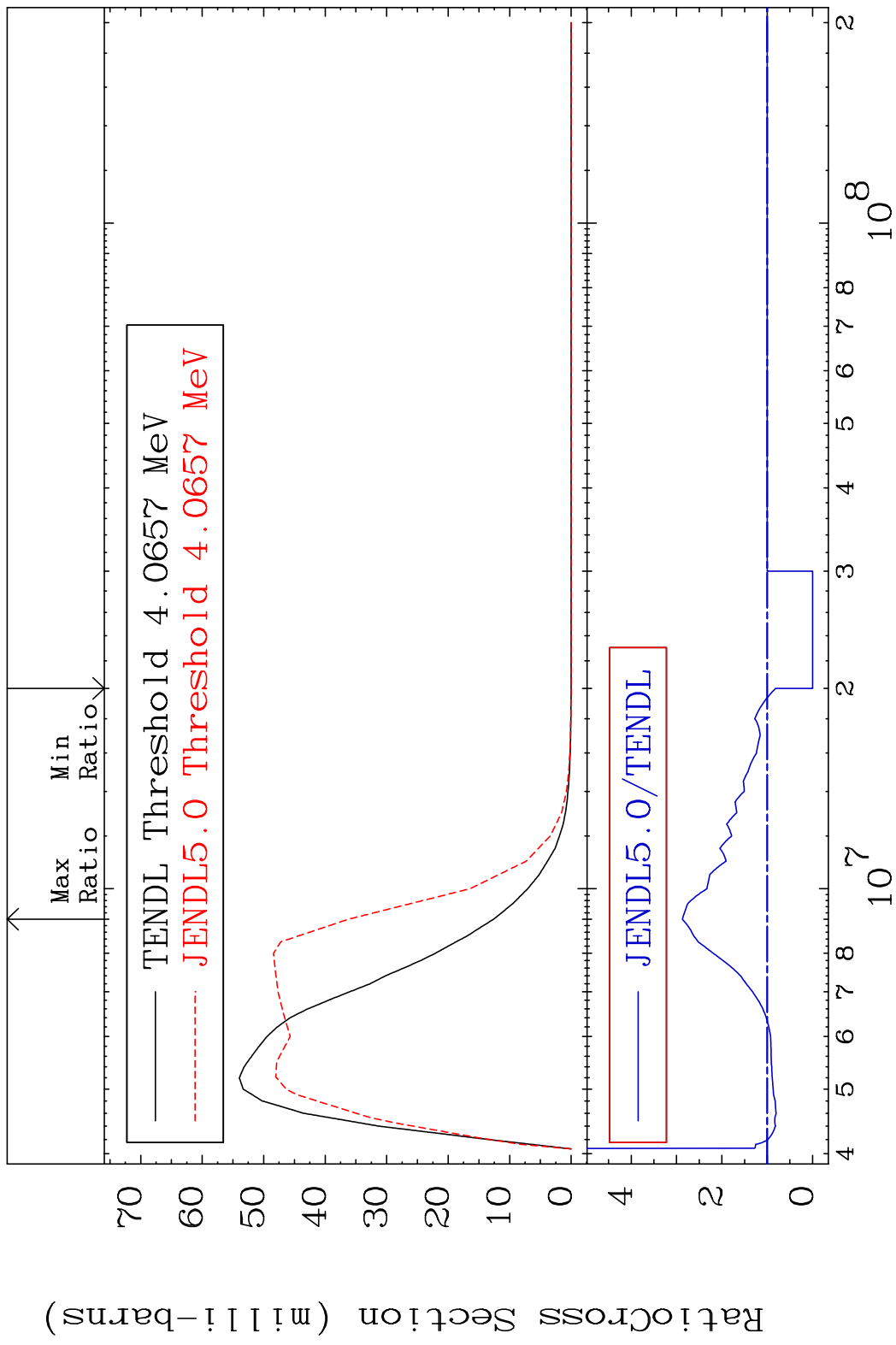




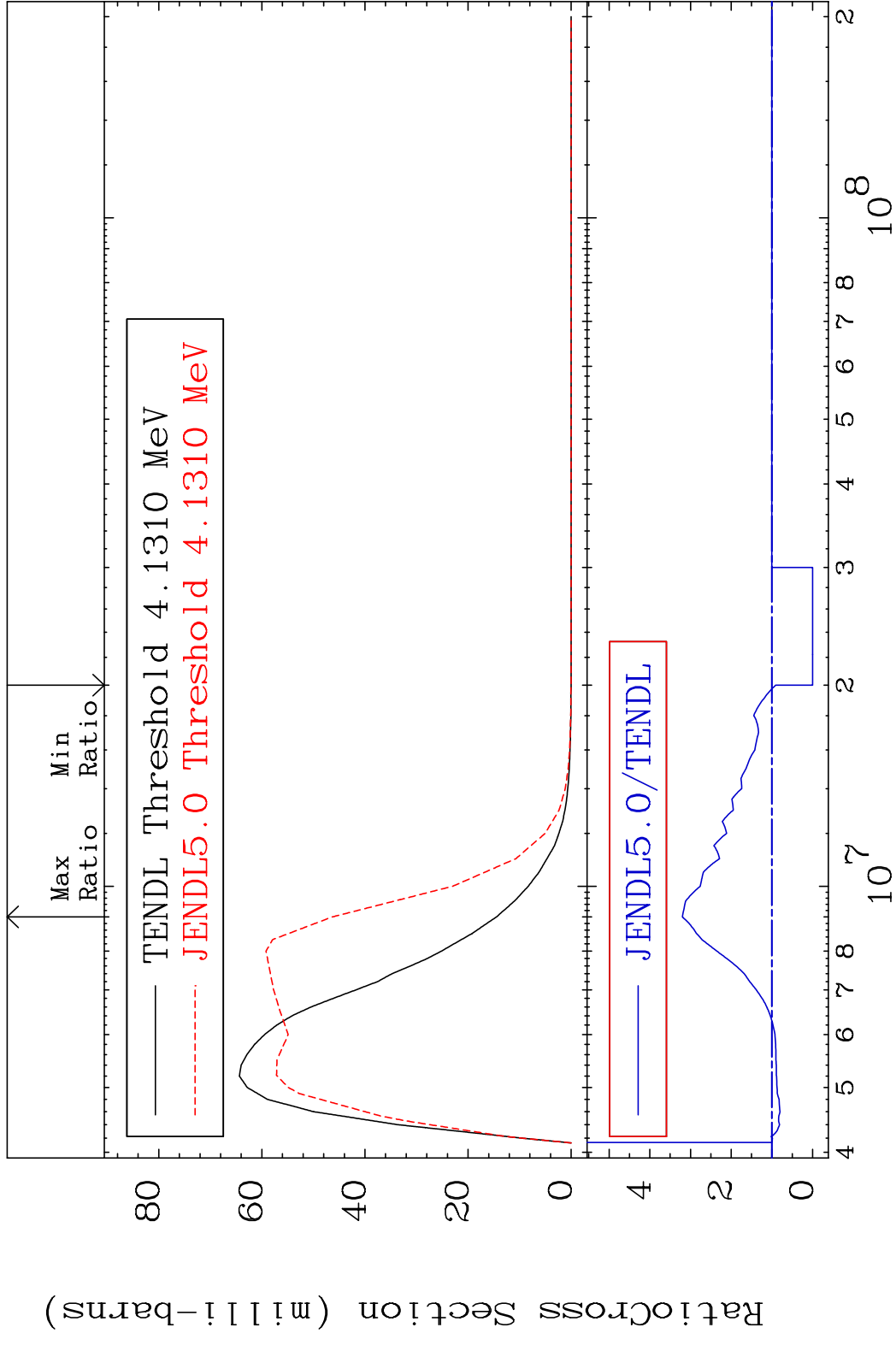
MAT 1228 MT= 59 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 213.0 %



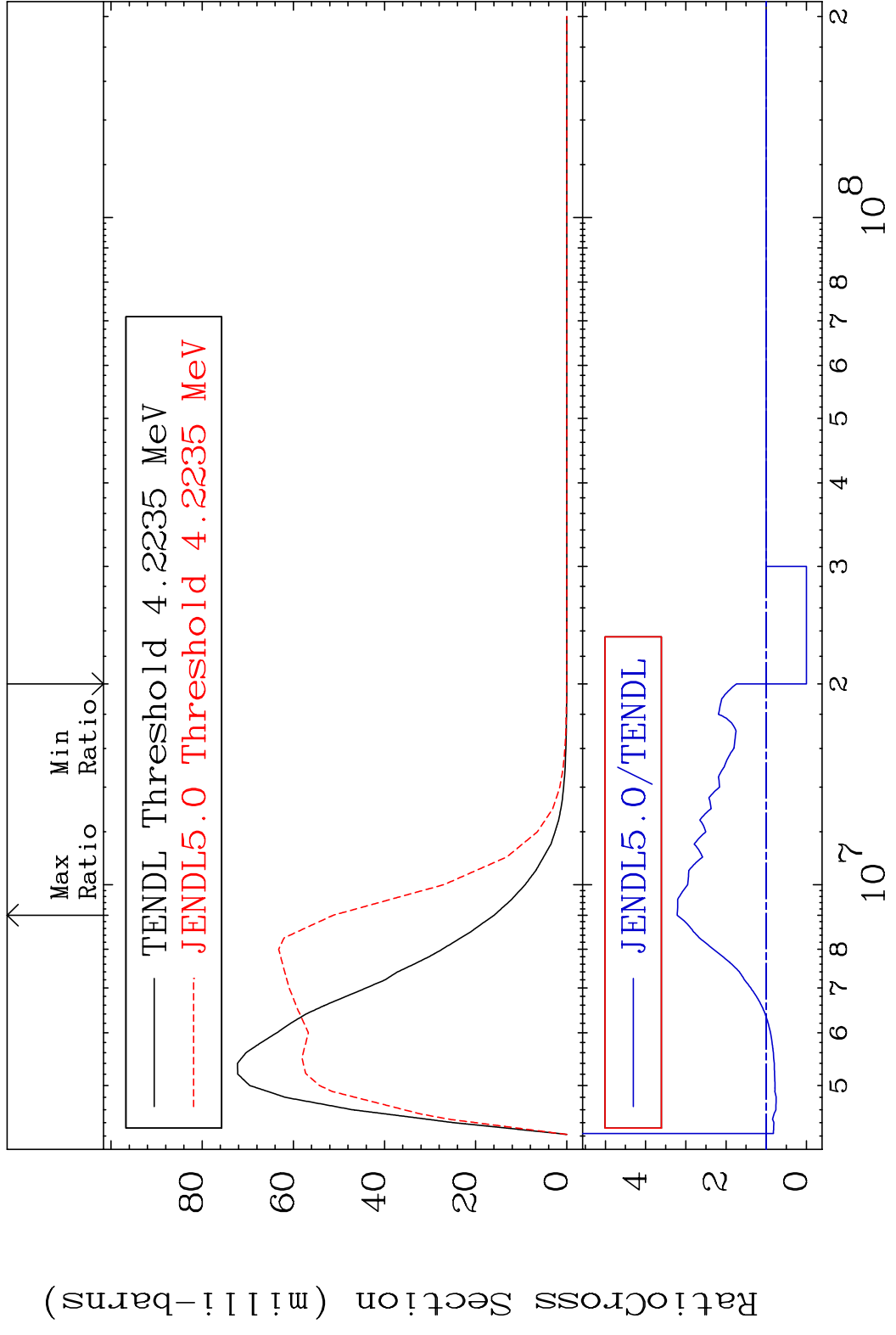
MAT 1228 MT= 60 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 187.2 %



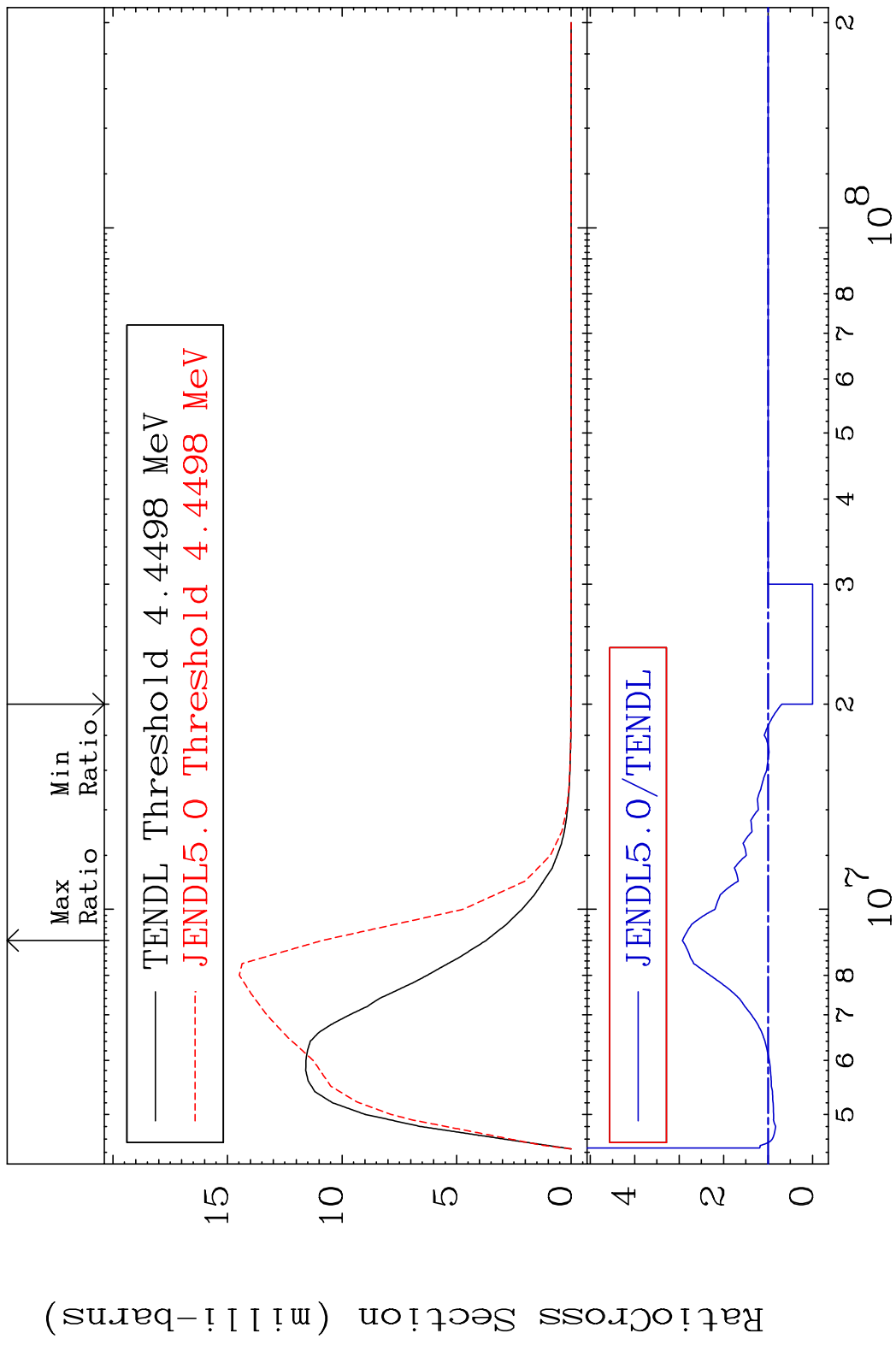
MAT 1228 MT= 61 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 220.0 %



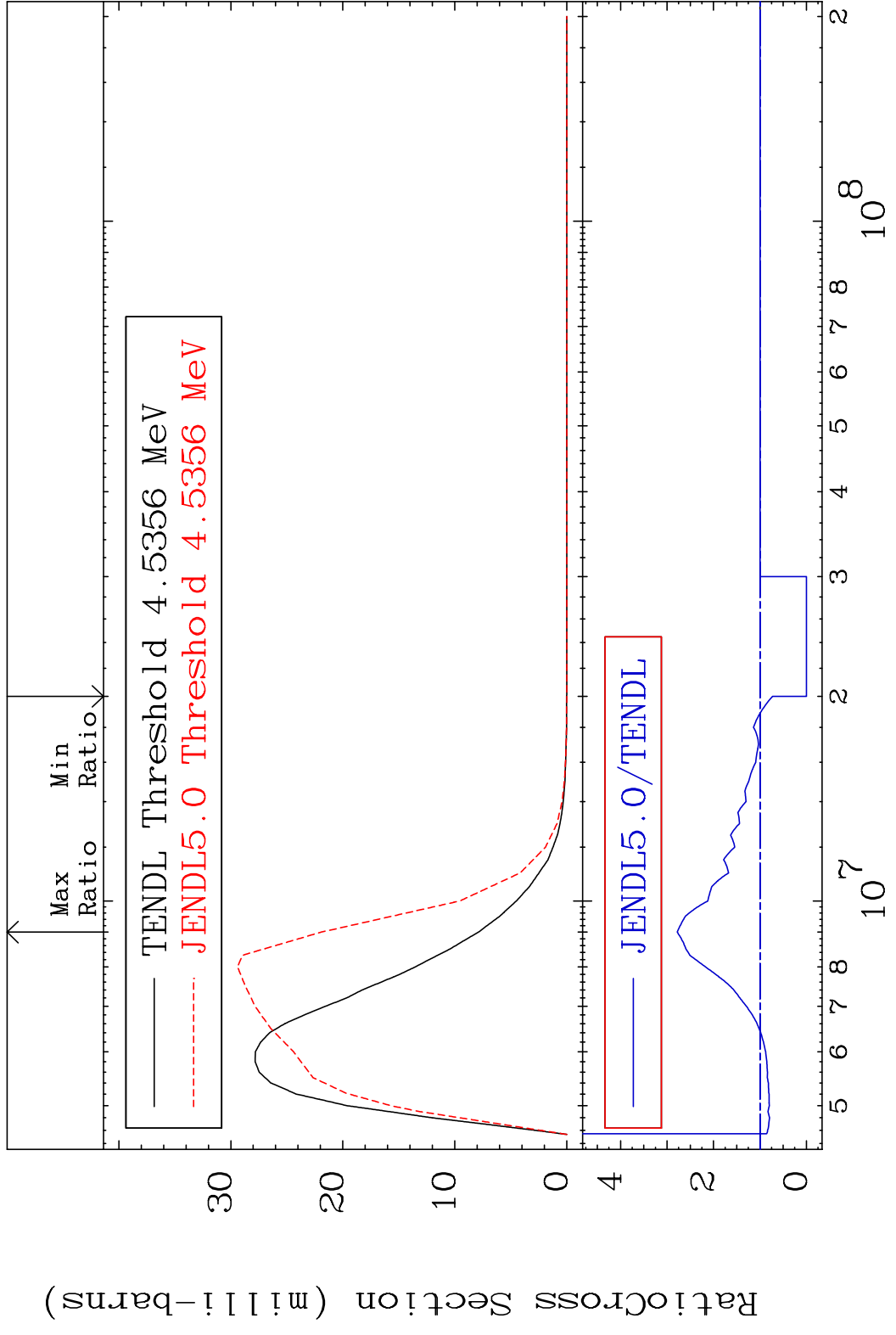
MAT 1228 MT= 62 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 221.4 %



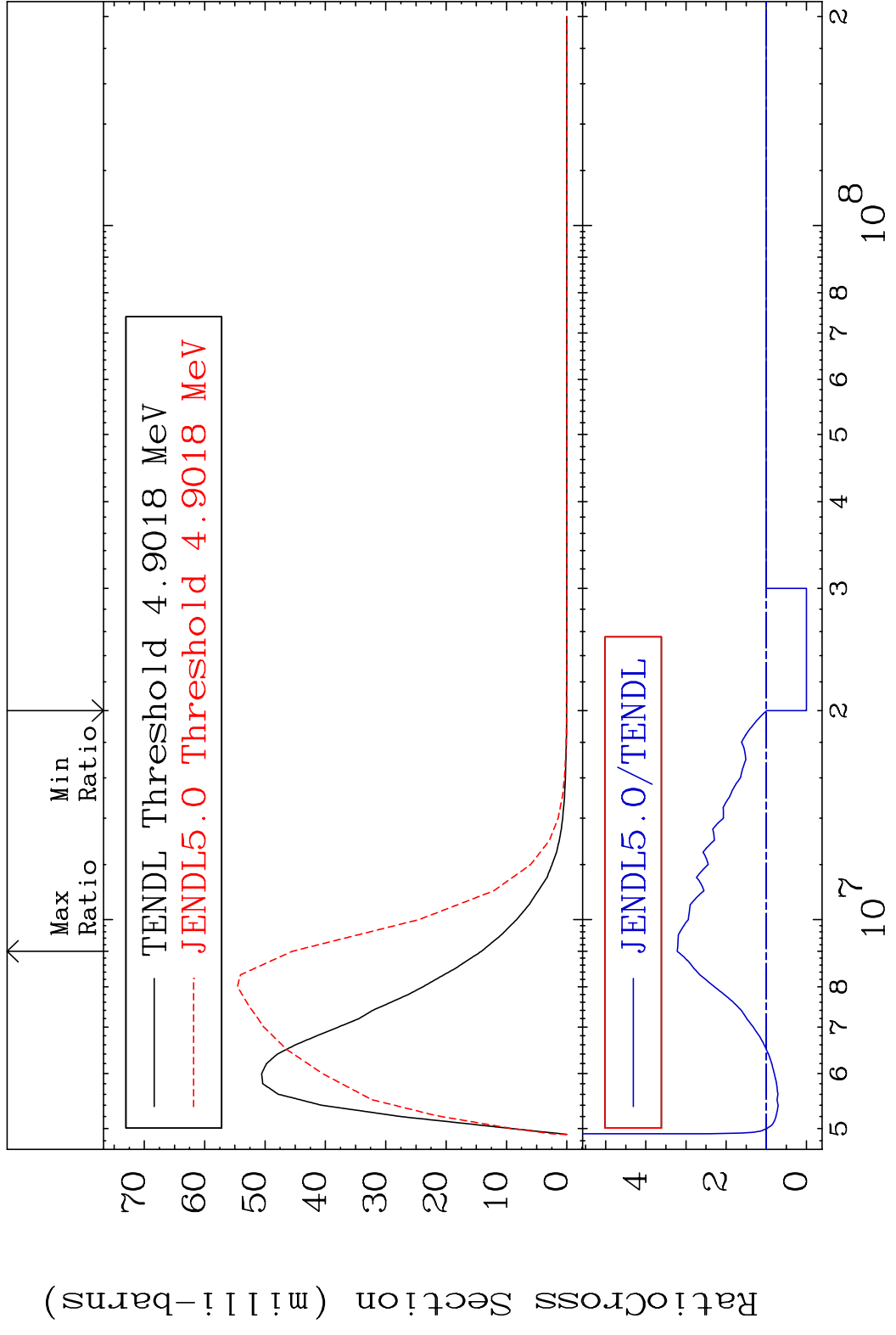
MAT 1228 MT= 63 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 192.9 %



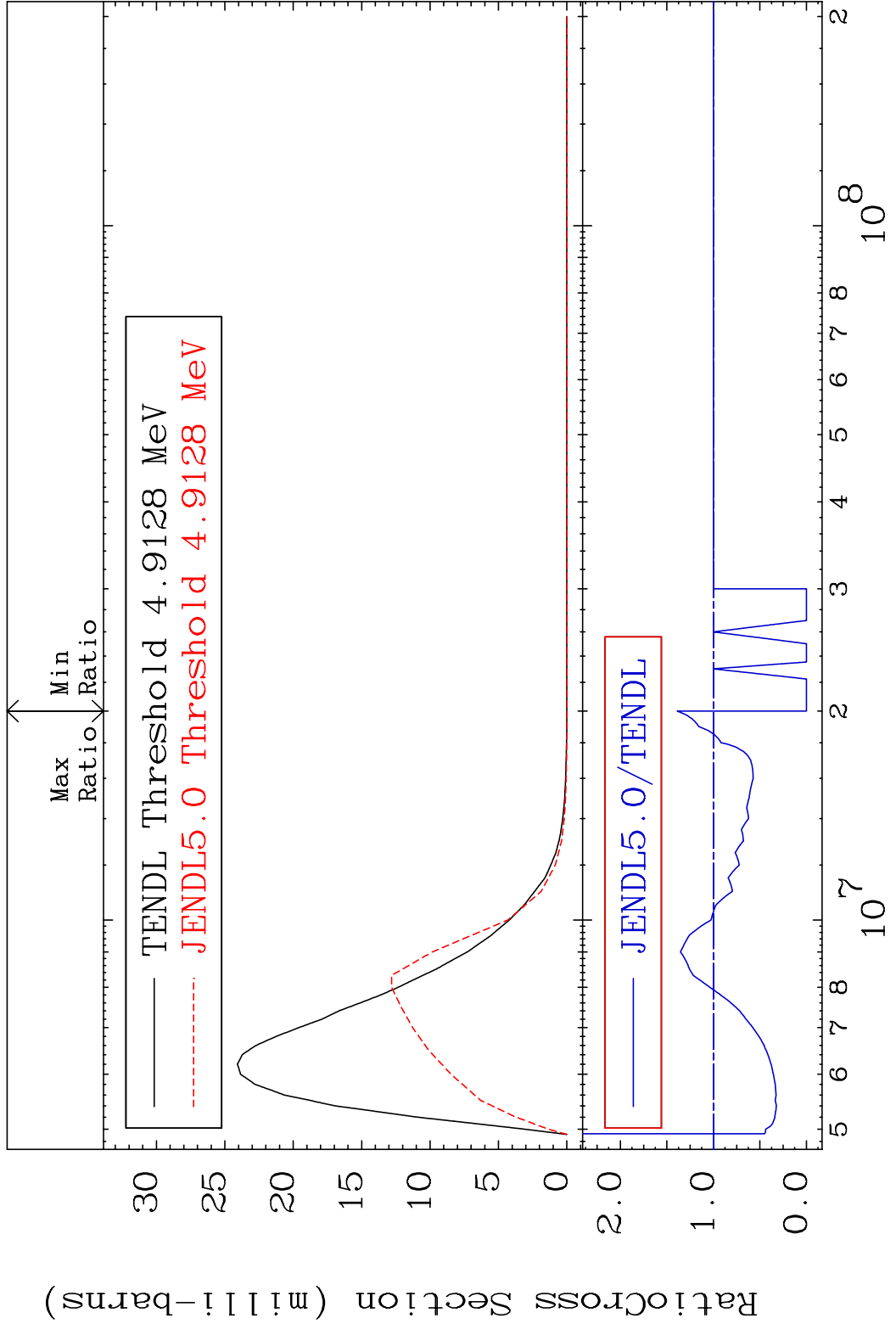
MAT 1228 MT= 64 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 178.2 %



MAT 1228 MT= 65 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 221.9 %

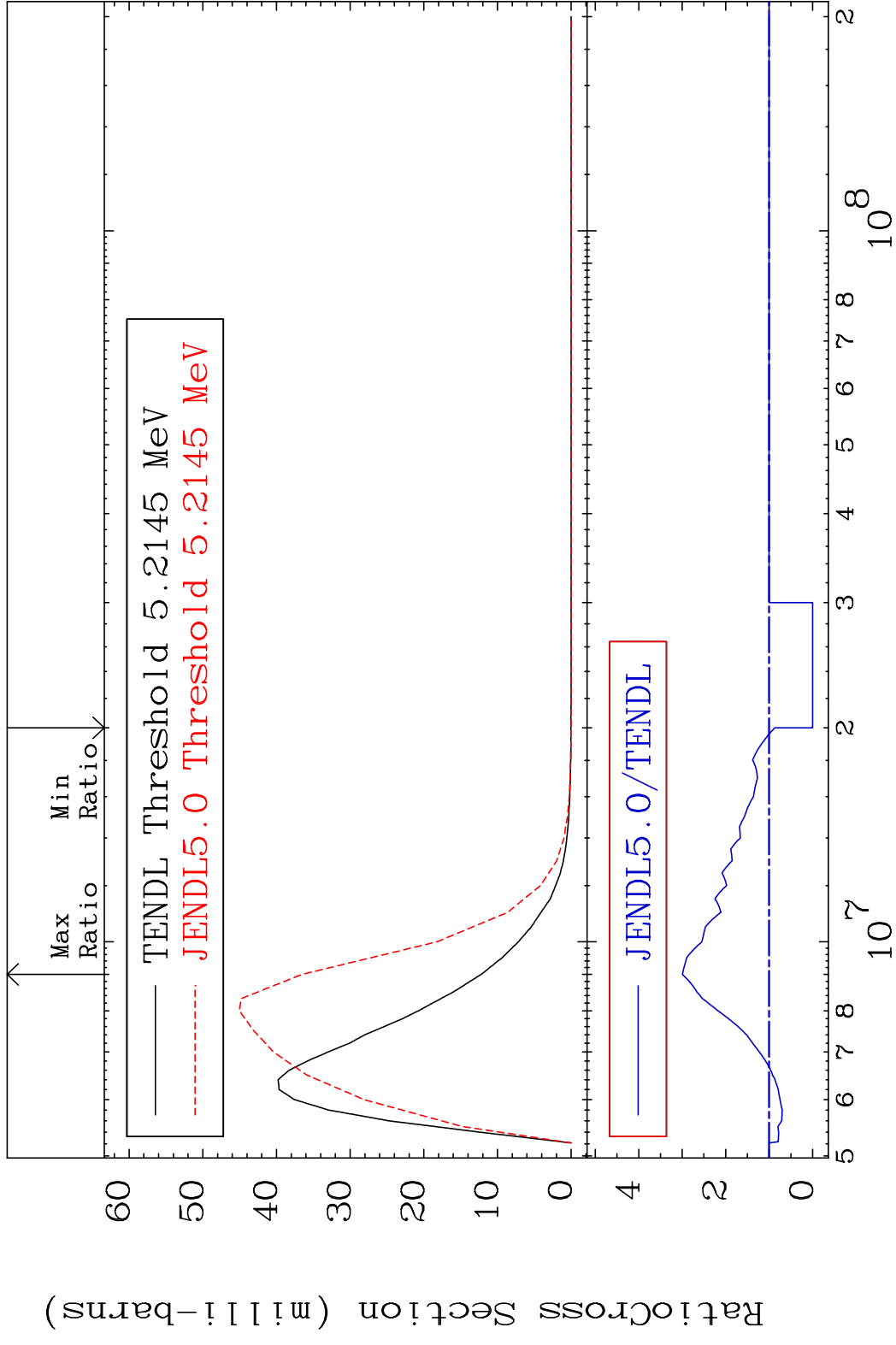


MAT 1228 MT= 66 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 38.92 %

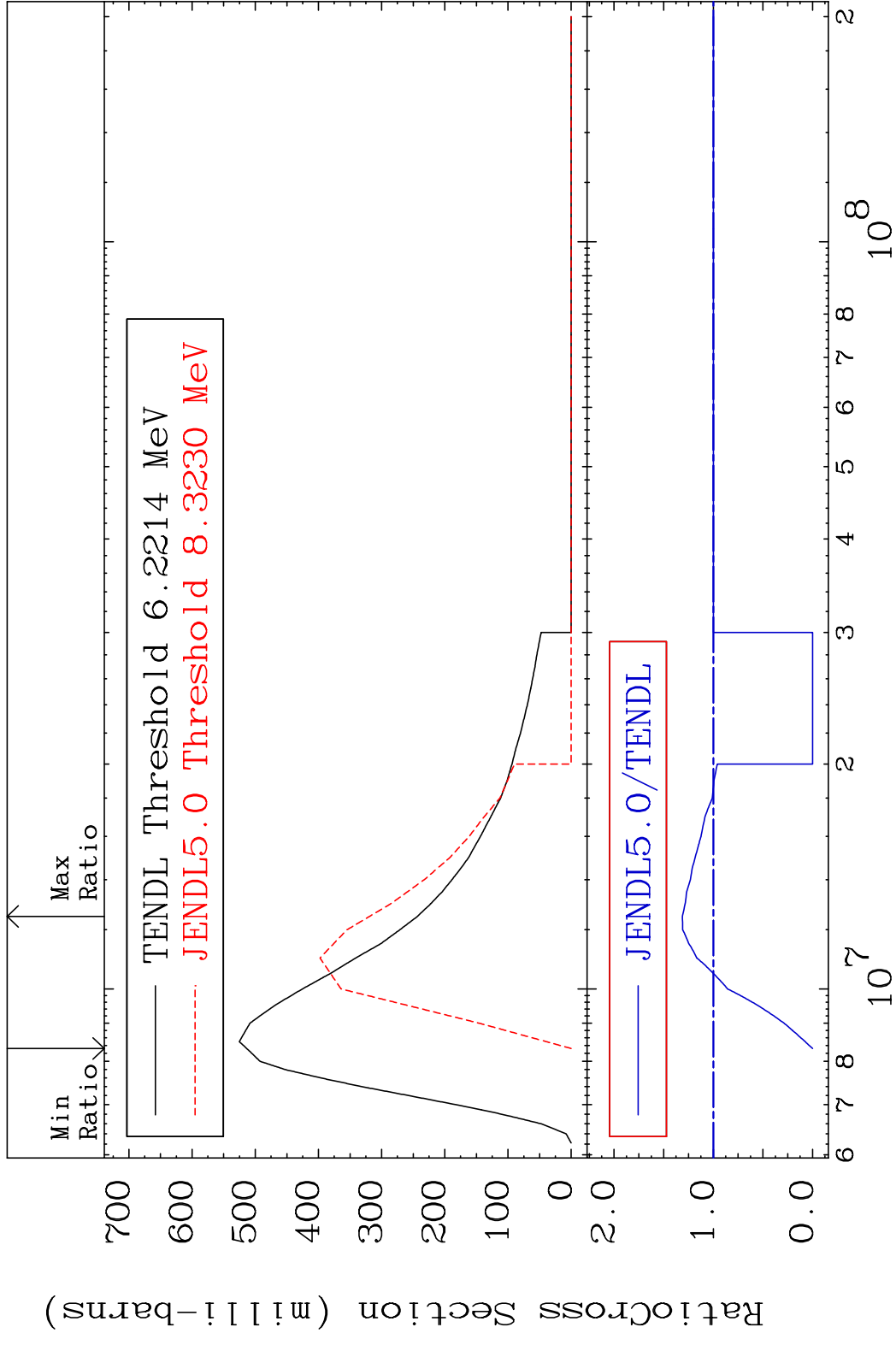




MAT 1228 MT= 67 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 199.6 %



MAT 1228 (n, n') Continuum 12-Mg-25  
 Cross Section -100.0 To 31.21 %

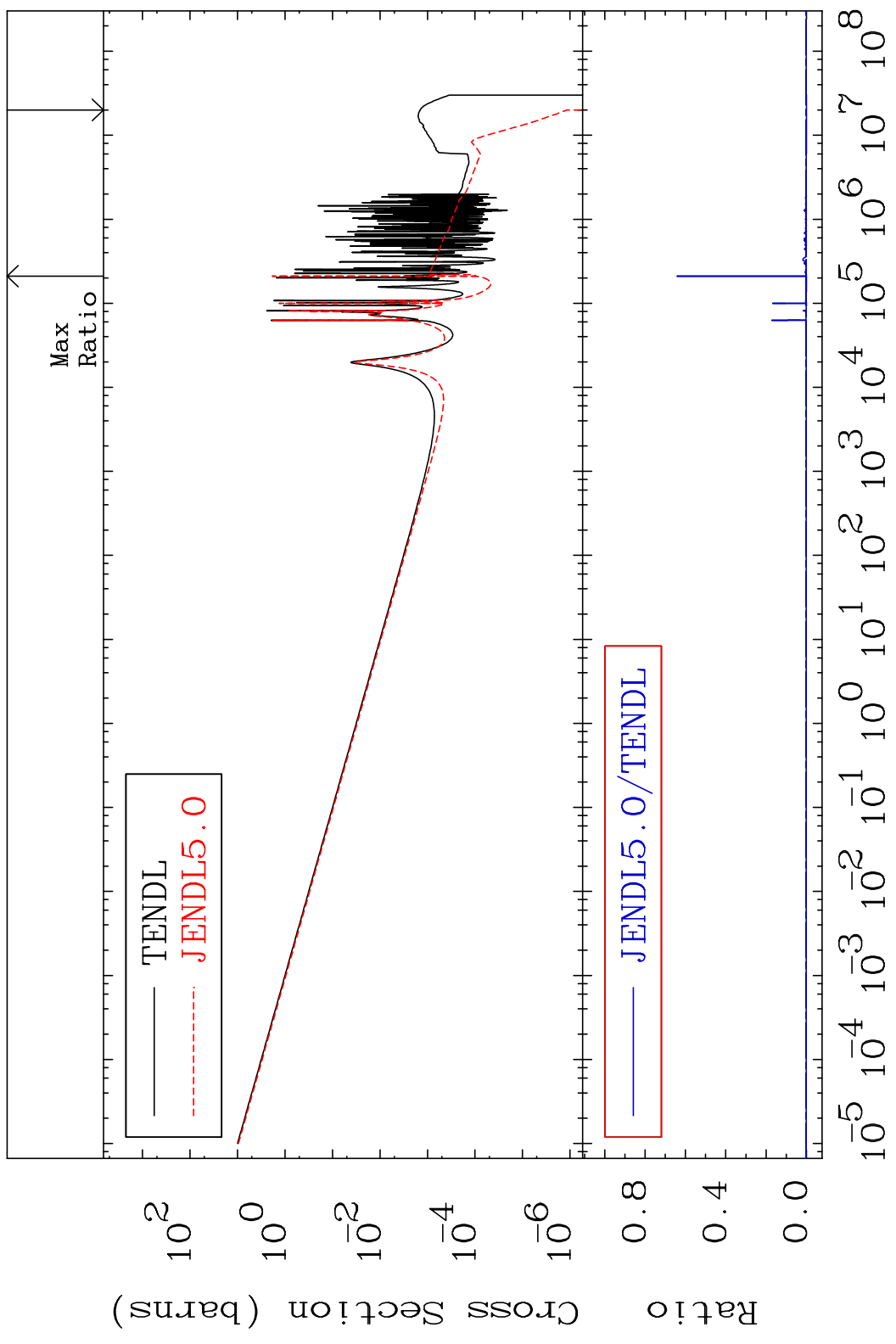


MAT 1228

(n,  $\gamma$ )

12-Mg-25

Cross Section -100.0 To 9999. %

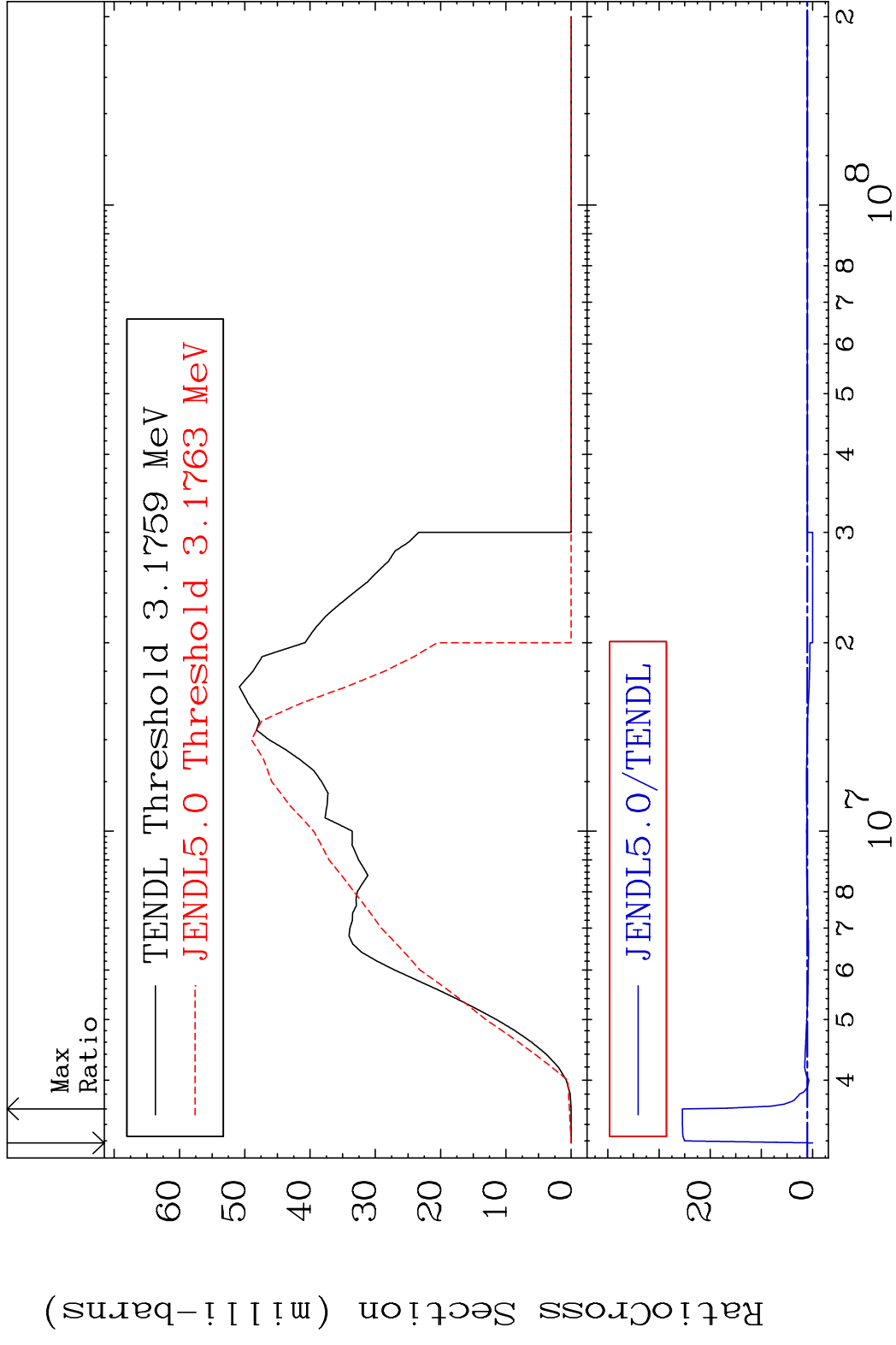


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Incident Energy (eV)

12-Mg-25

MAT 1228 (n,p) 12-Mg-25  
 Cross Section -100.0 To 2445. %

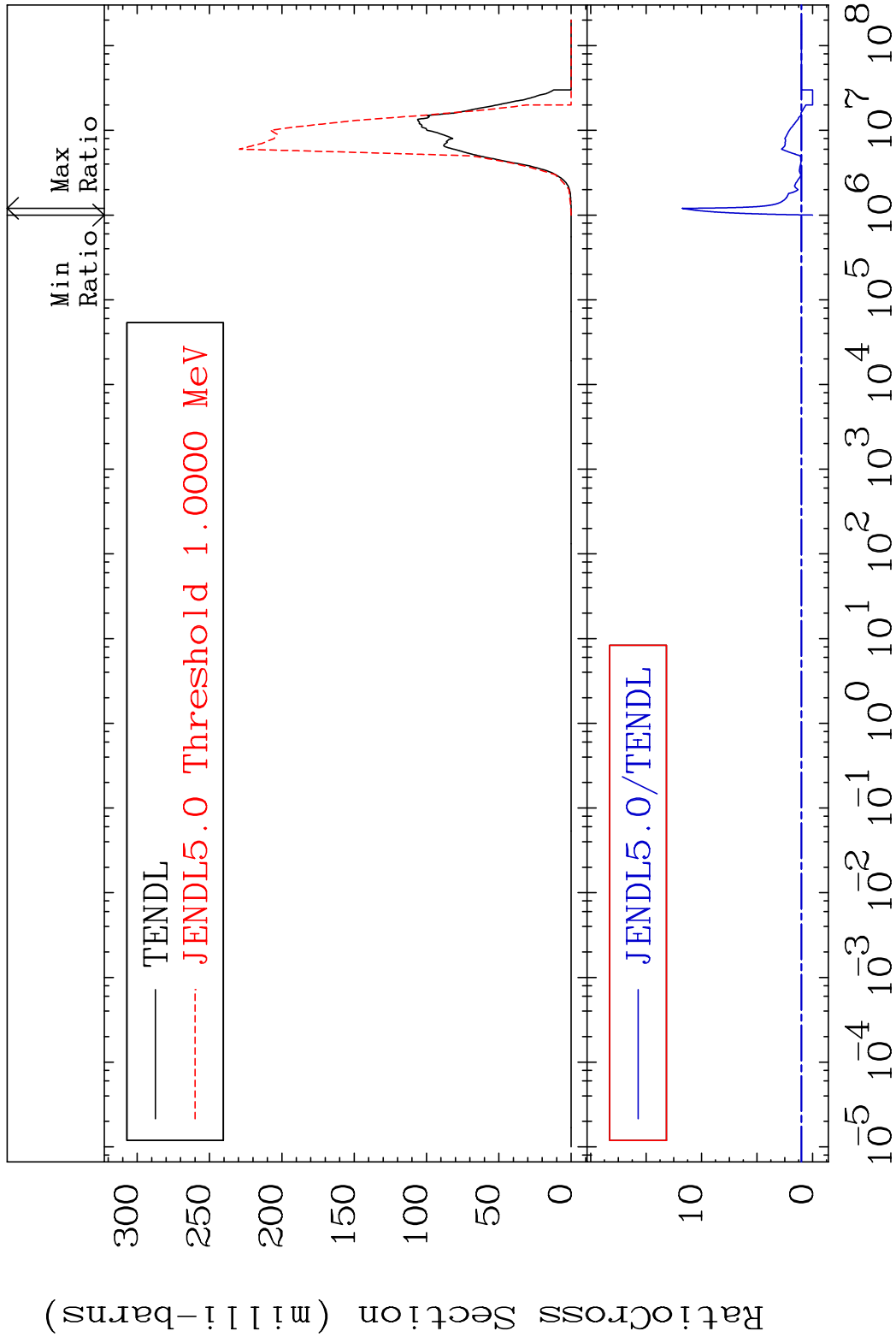


MAT 1228

(n,  $\alpha$ )

<sup>12</sup>Mg-25

Cross Section -100.0 To 1073. %

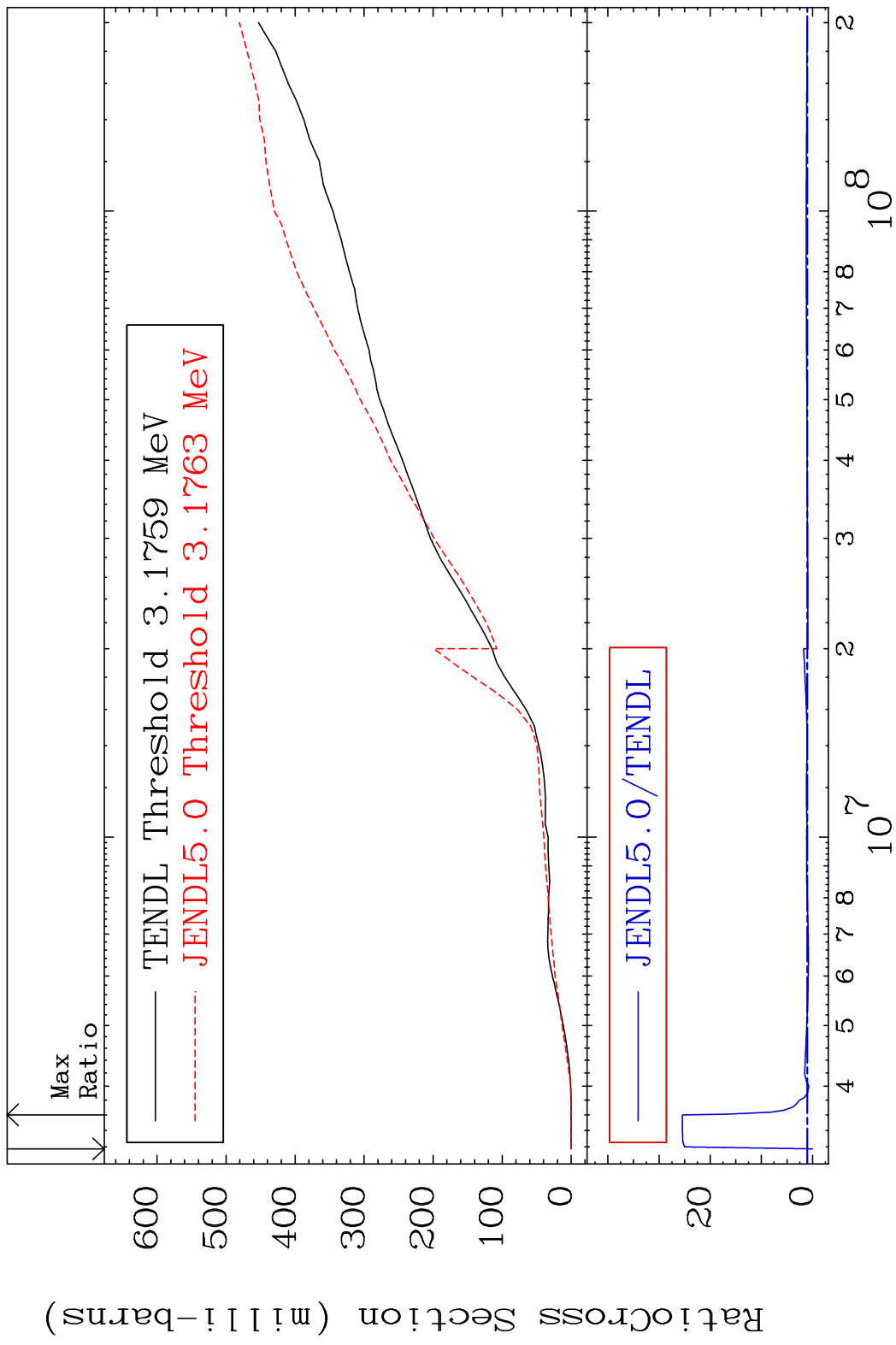


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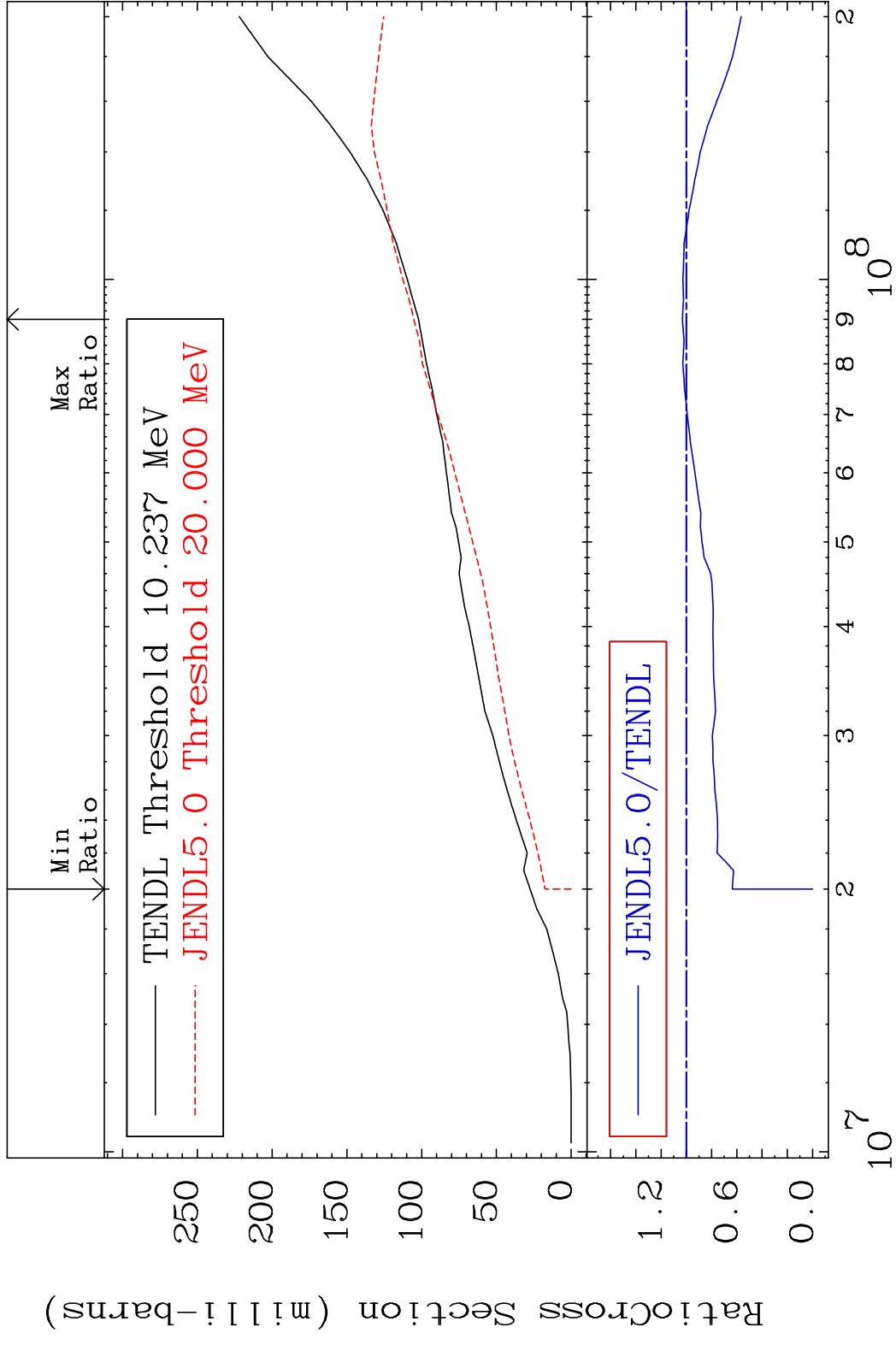
Incident Energy (eV)

<sup>12</sup>Mg-25

MAT 1228 Hydrogen Production 12-Mg-25  
 Cross Section -100.0 To 2445. %

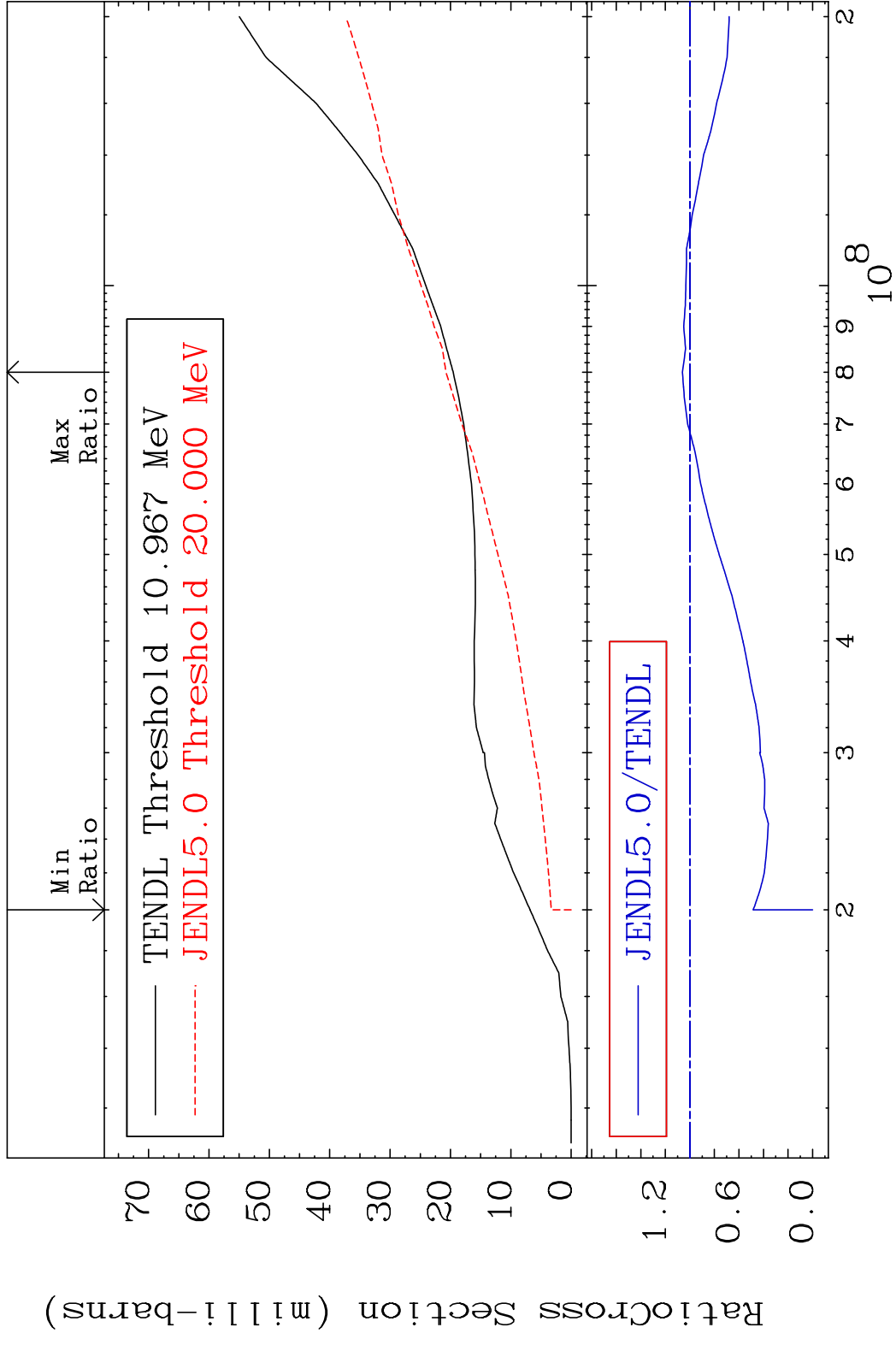


MAT 1228 Deuterium Production 12-Mg-25  
 Cross Section -100.0 To 3.168 %



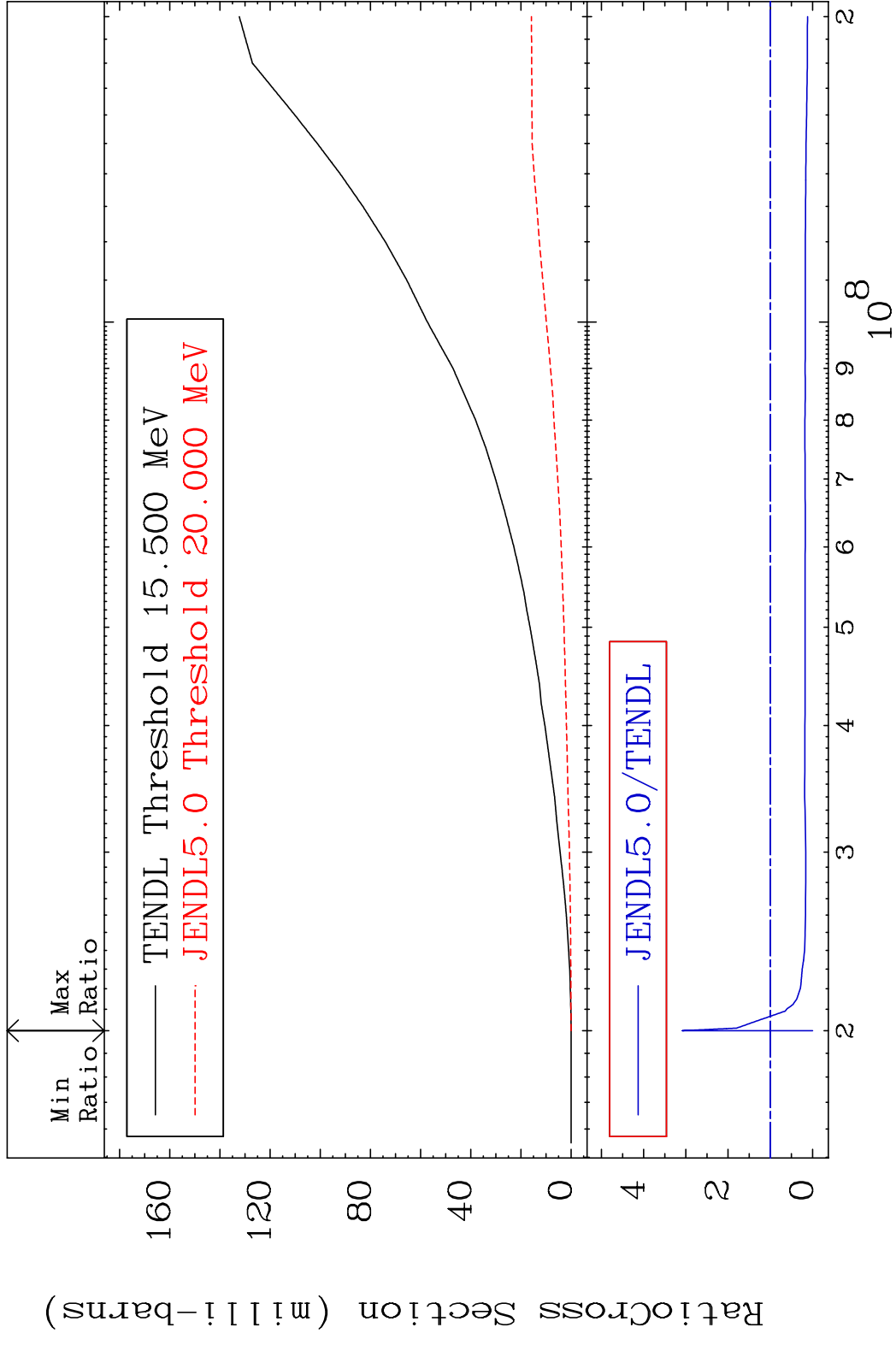
30 2

MAT 1228 Tritium Production 12-Mg-25  
 Cross Section -100.0 To 6.111 %





MAT 1228 He-3 Production 12-Mg-25  
 Cross Section -100.0 To 208.4 %



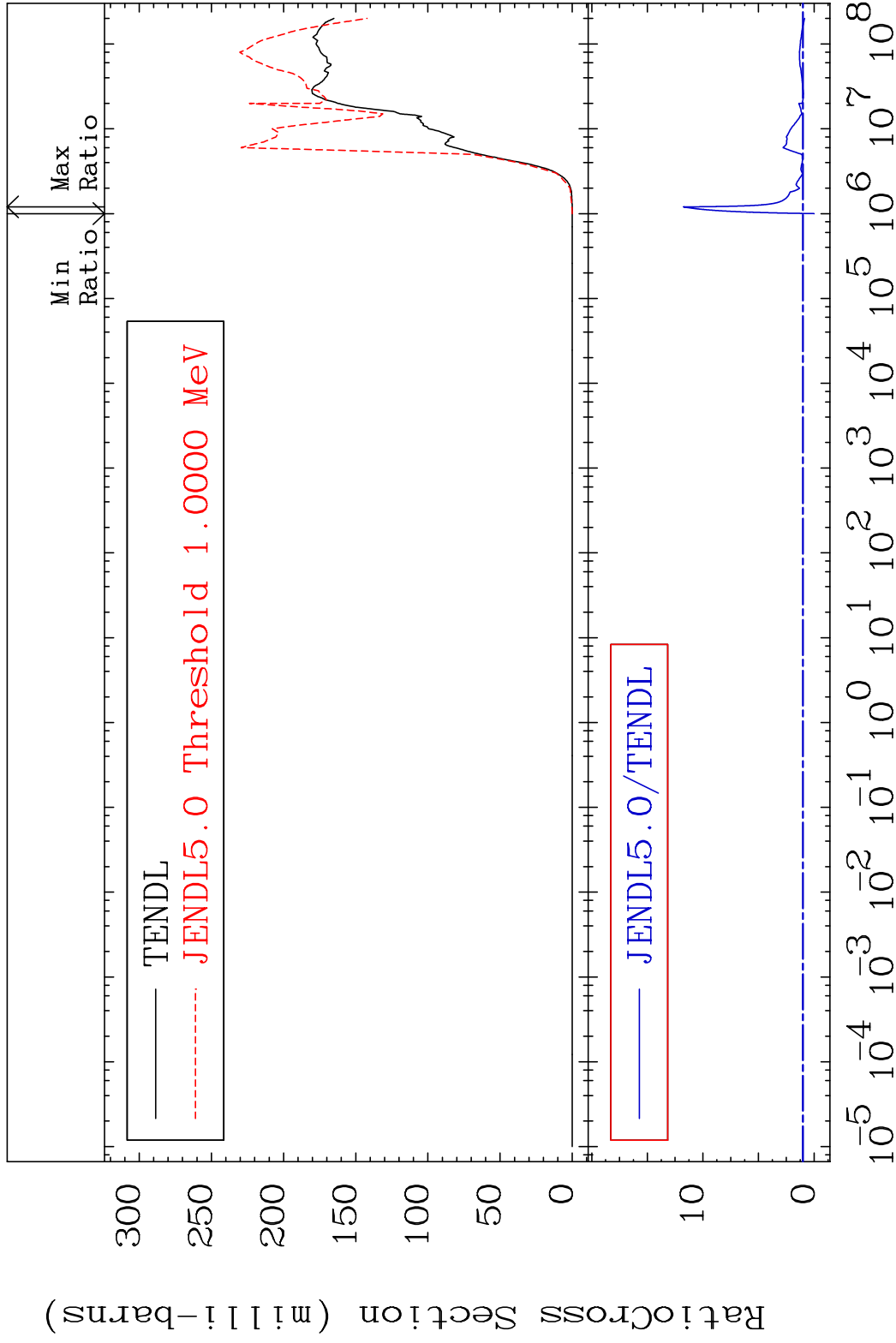
32 Incident Energy (eV) 12-Mg-25

MAT 1228

He-4 Production

<sup>12</sup>Mg-25

Cross Section -100.0 To 1073. %

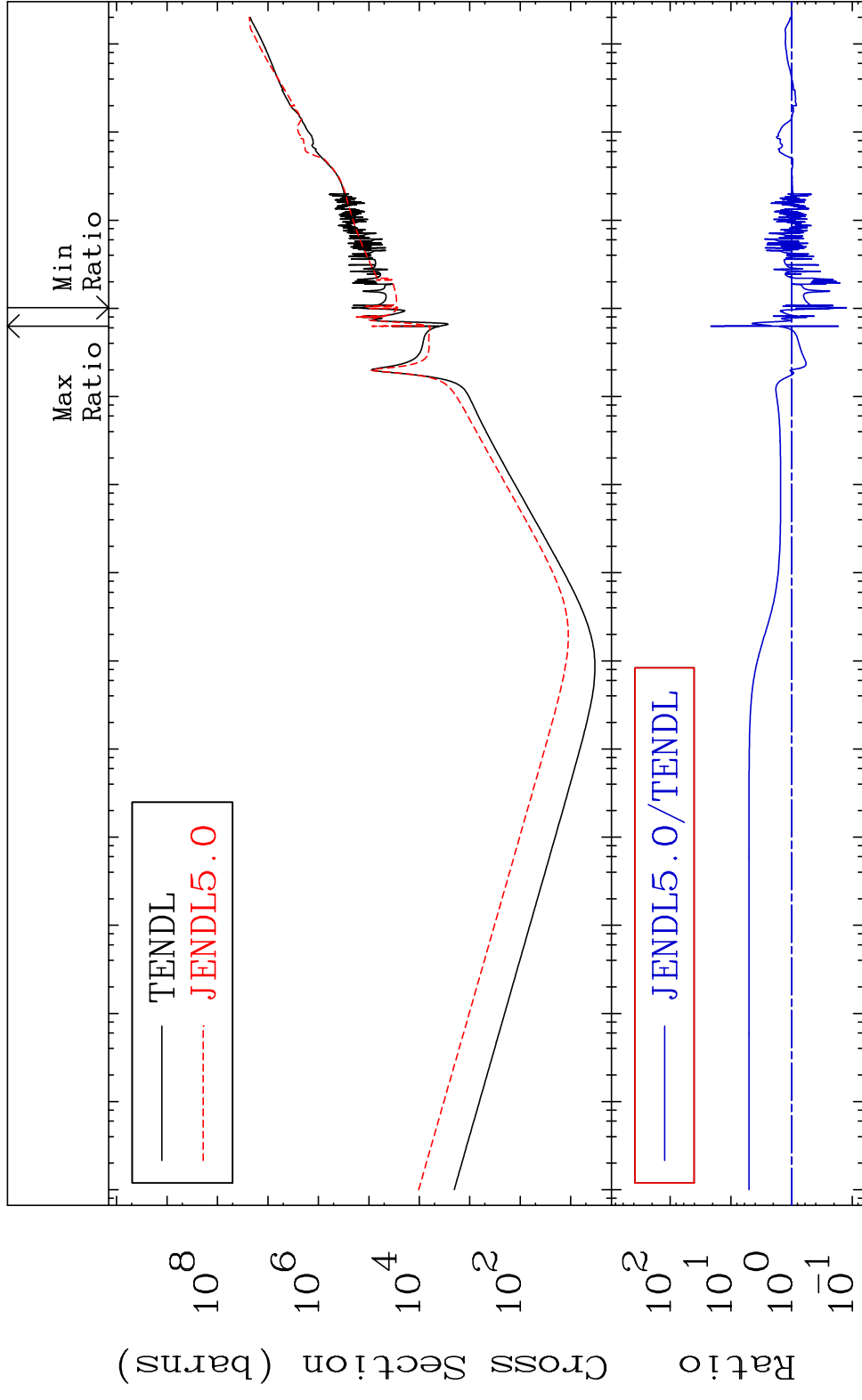


33

Incident Energy (eV)

<sup>12</sup>Mg-25

MAT 1228 Kerma total (eV-barns) 12-Mg-25  
 Cross Section -87.48 To 2053. %

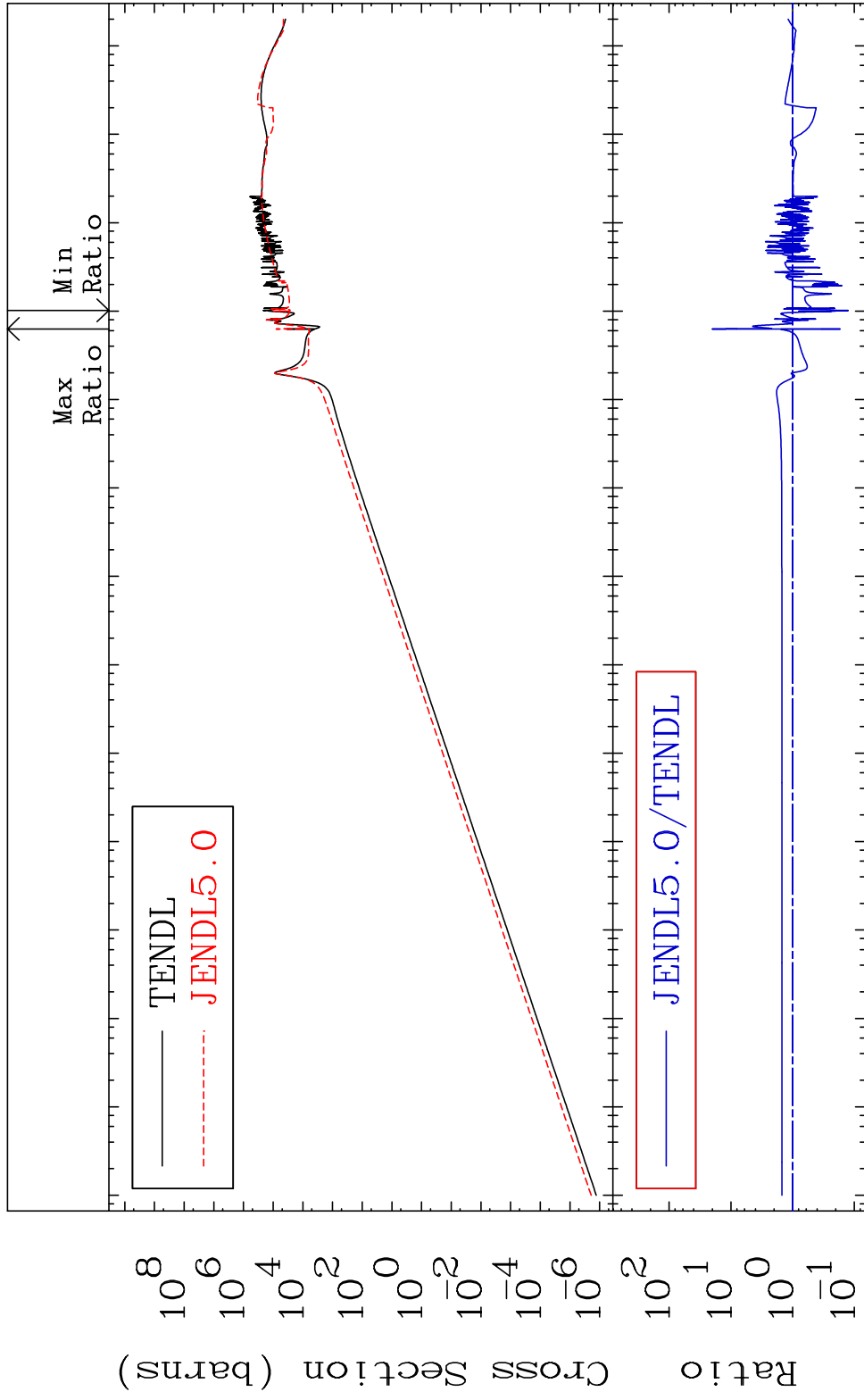


34 Incident Energy (eV) 12-Mg-25

MAT 1228

Kerma elastic  
Cross Section

12-Mg-25  
-87.47 To 1894. %

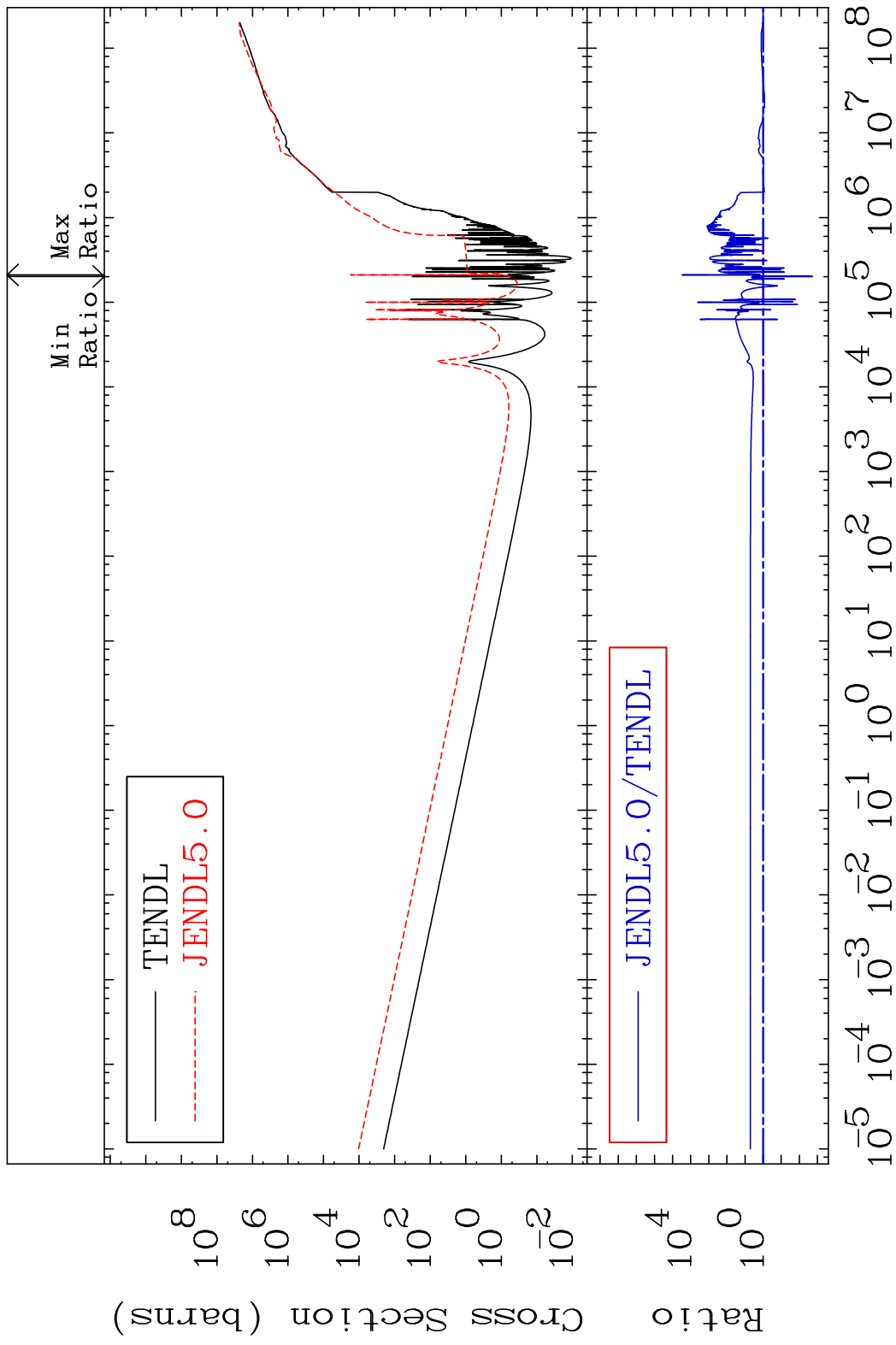


35

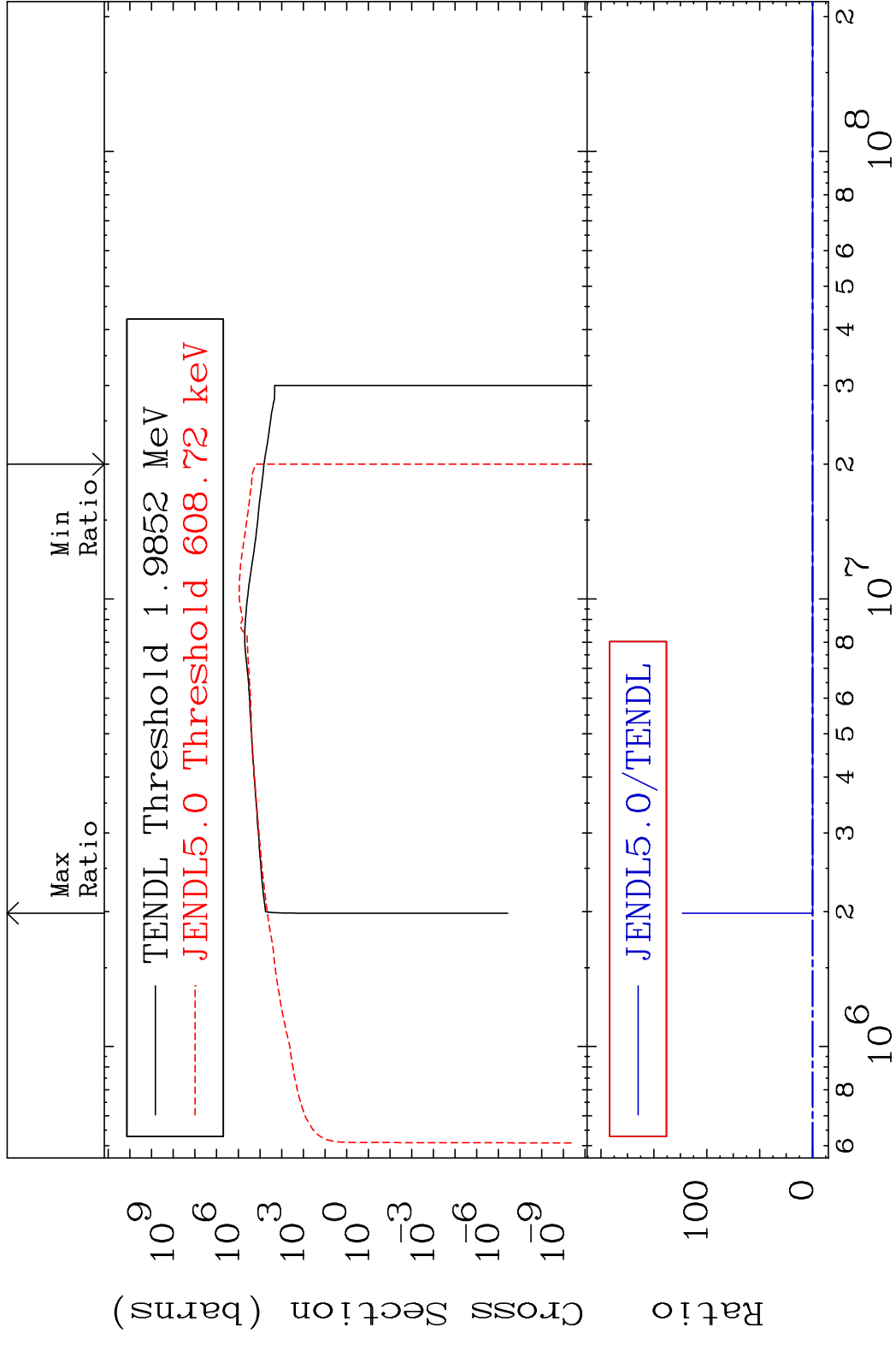
Incident Energy (eV)

12-Mg-25

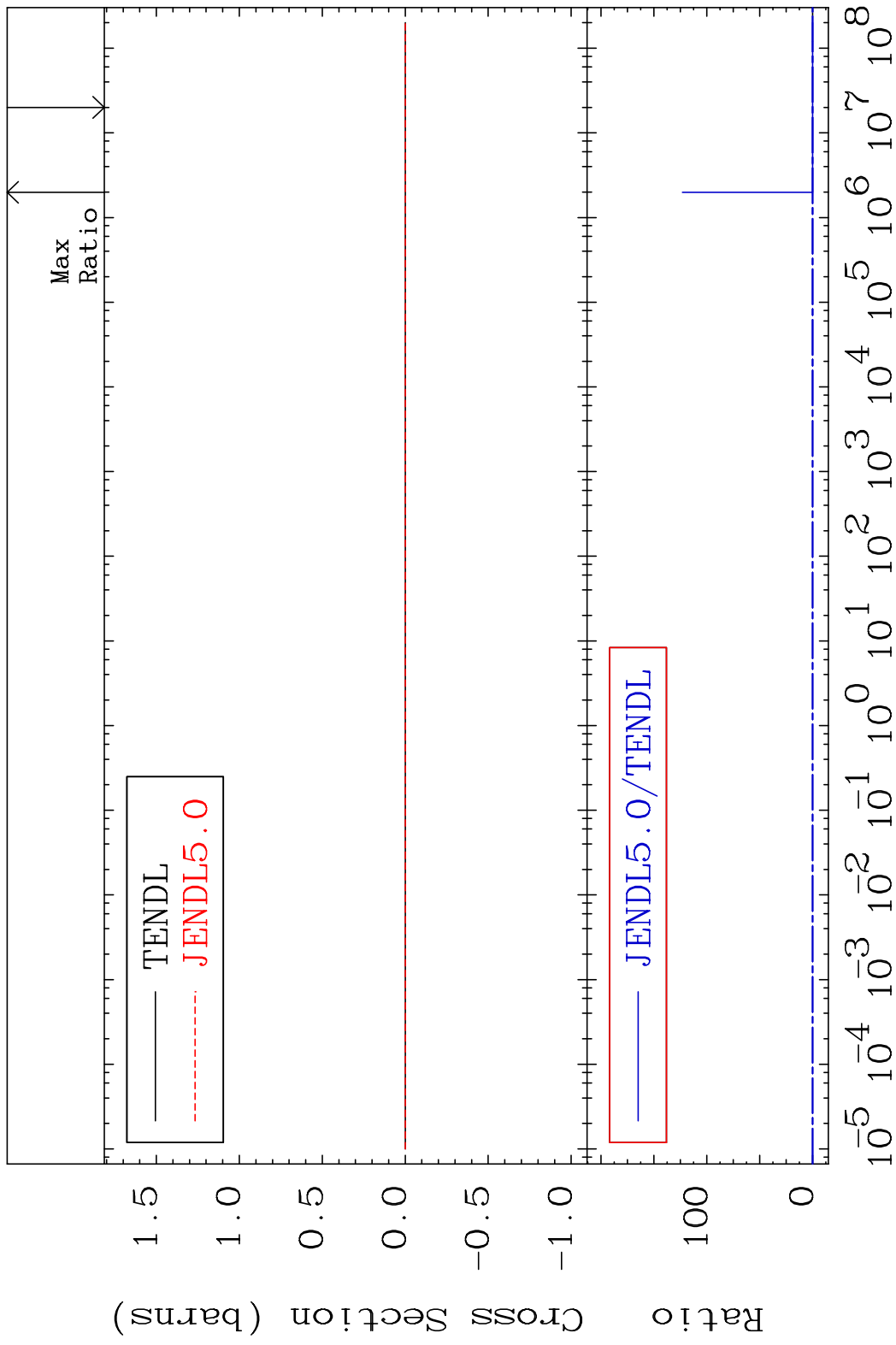
MAT 1228 Kerma non-elastic (all but mt2) 12-Mg-25  
 Cross Section -99.81 To 9999. %



MAT 1228 Kerma inelastic (mt51-91) 12-Mg-25  
 Cross Section -100.0 To 9999. %

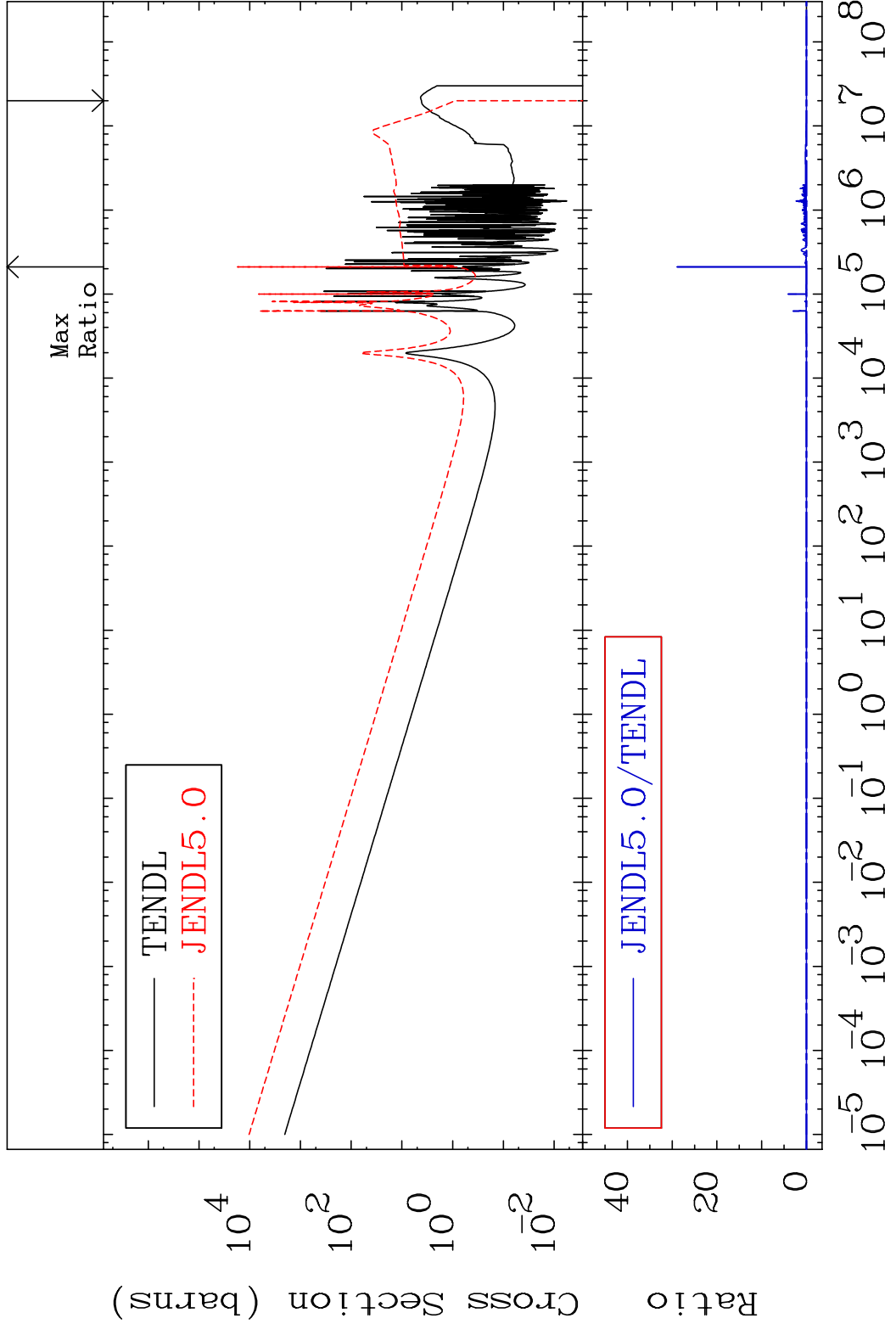


MAT 1228 Kerma fission (mt18 or mt19-20-21-38) 12-Mg-25  
 Cross Section -100.0 To 9999. %



MAT 1228

Kerma capture (mt102) 12-Mg-25  
Cross Section -100.0 To 9999. %



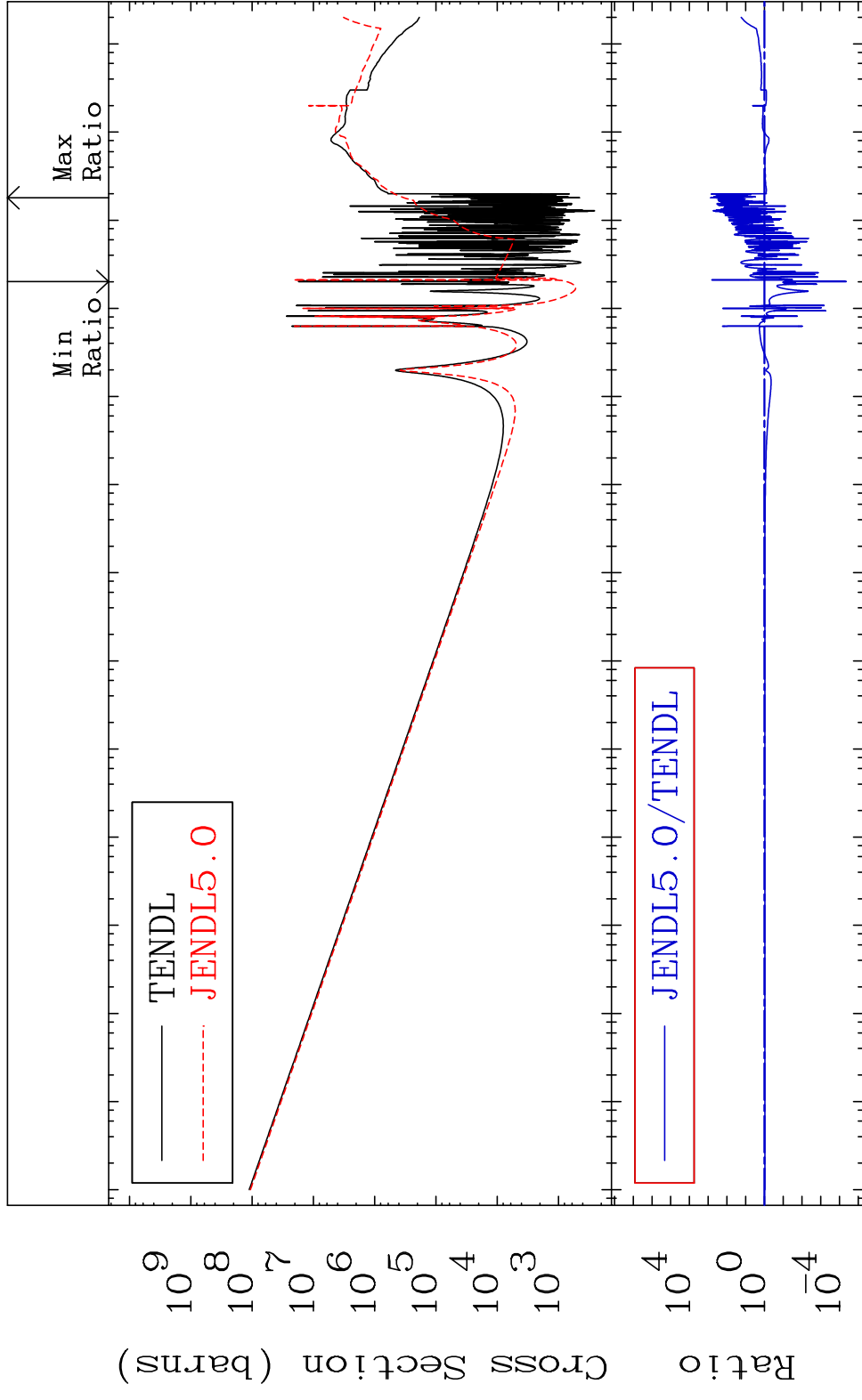
39

Incident Energy (eV)

12-Mg-25

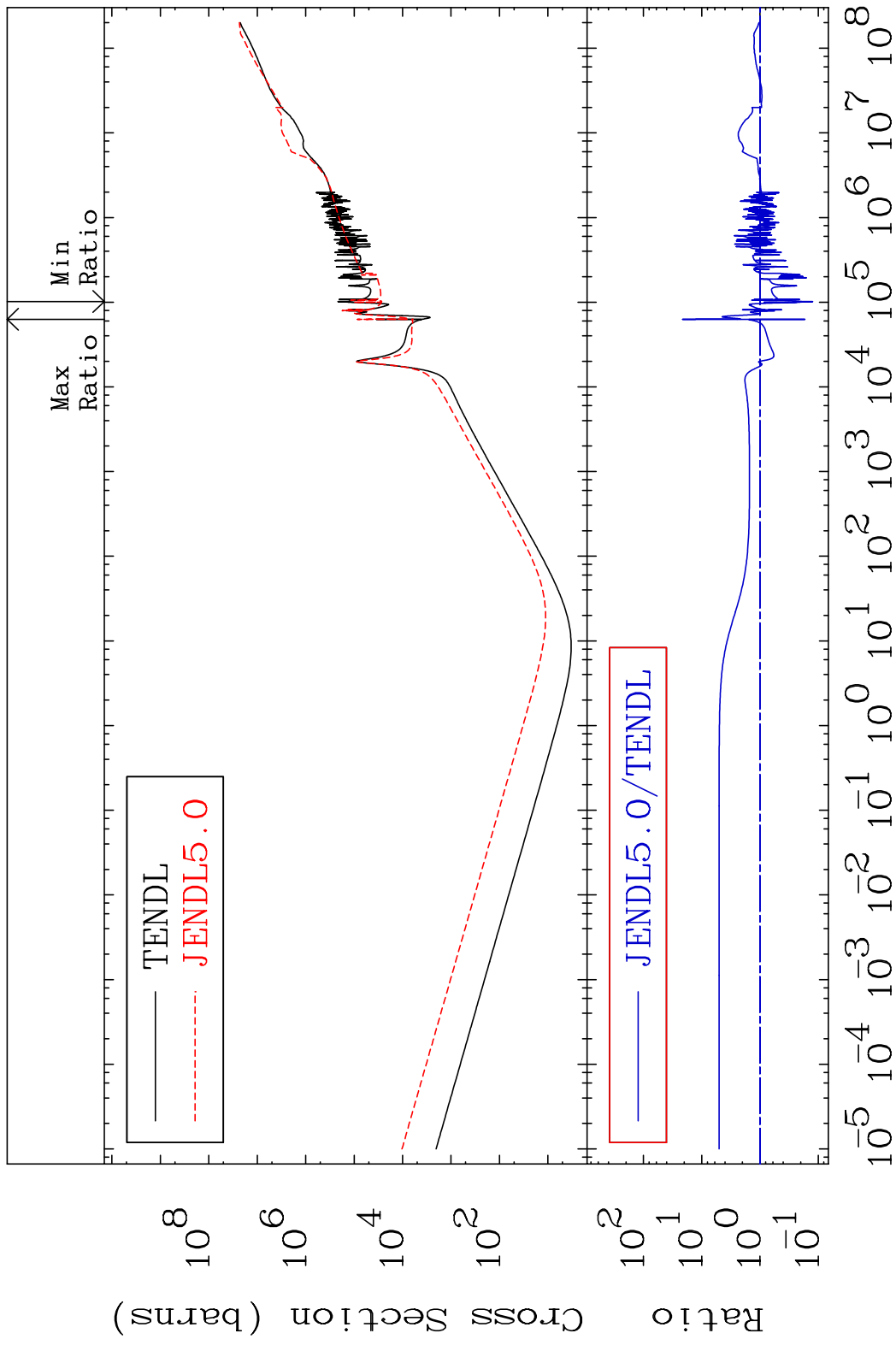


MAT 1228 Total photon (eV-barns) 12-Mg-25  
Cross Section -100.0 To 9999. %



40 Incident Energy (eV) 12-Mg-25

MAT 1228 Total kinematic kerma (high limit) 12-Mg-25  
Cross Section -87.48 To 2053. %

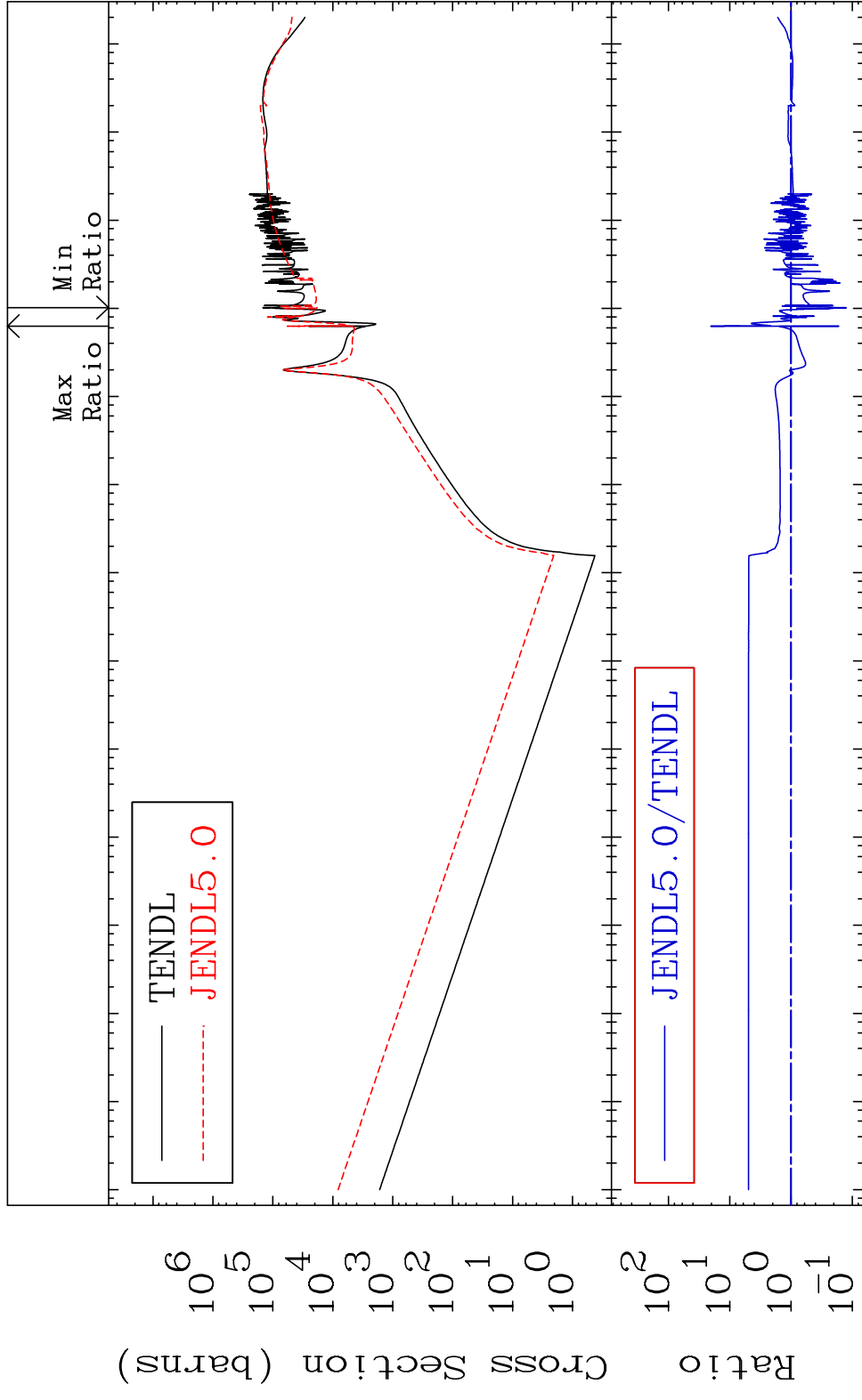


MAT 1228

Dpa total (eV-barns)

12-Mg-25

Cross Section -87.47 To 1950. %



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Incident Energy (eV)

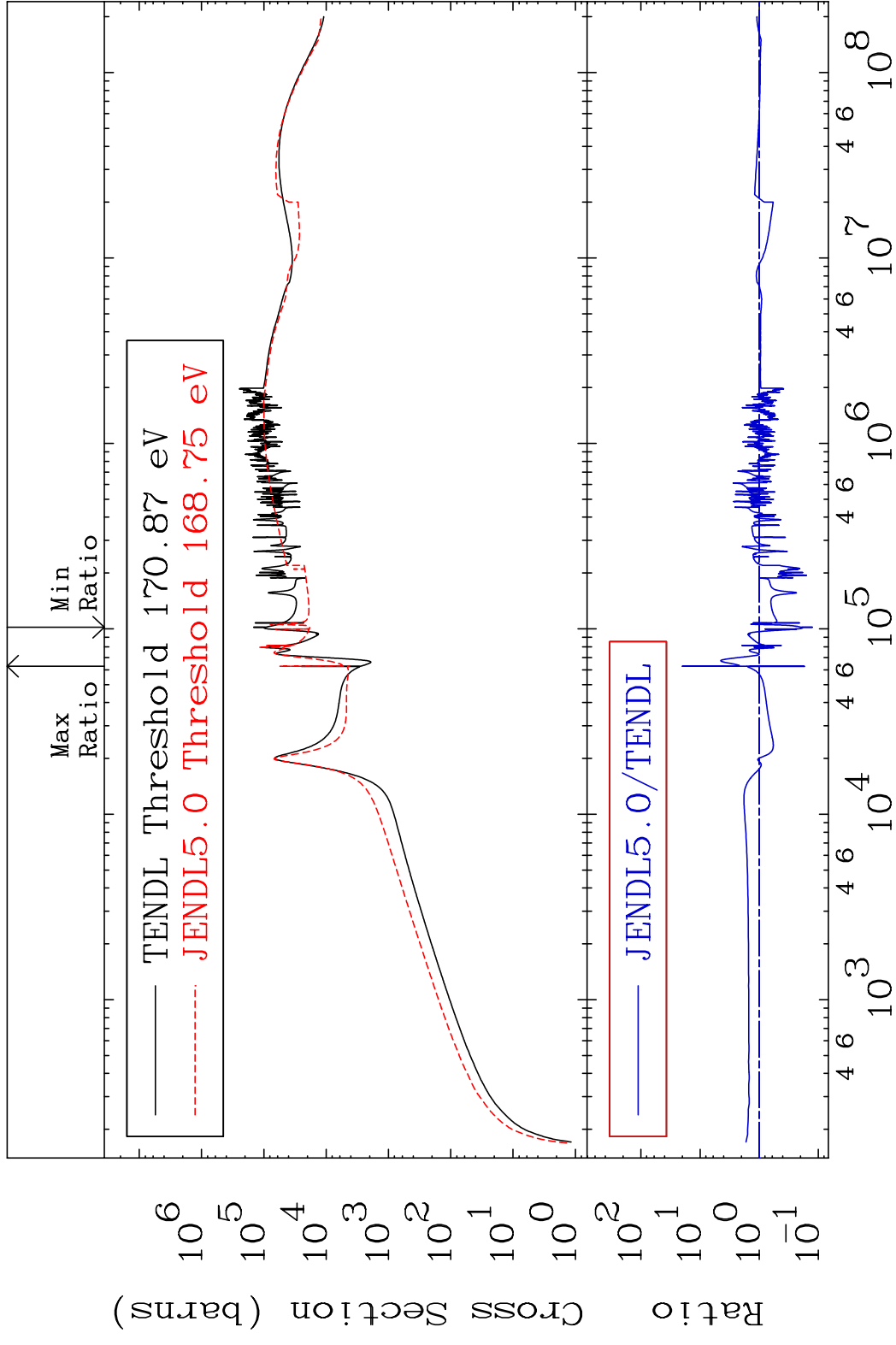
12-Mg-25

MAT 1228

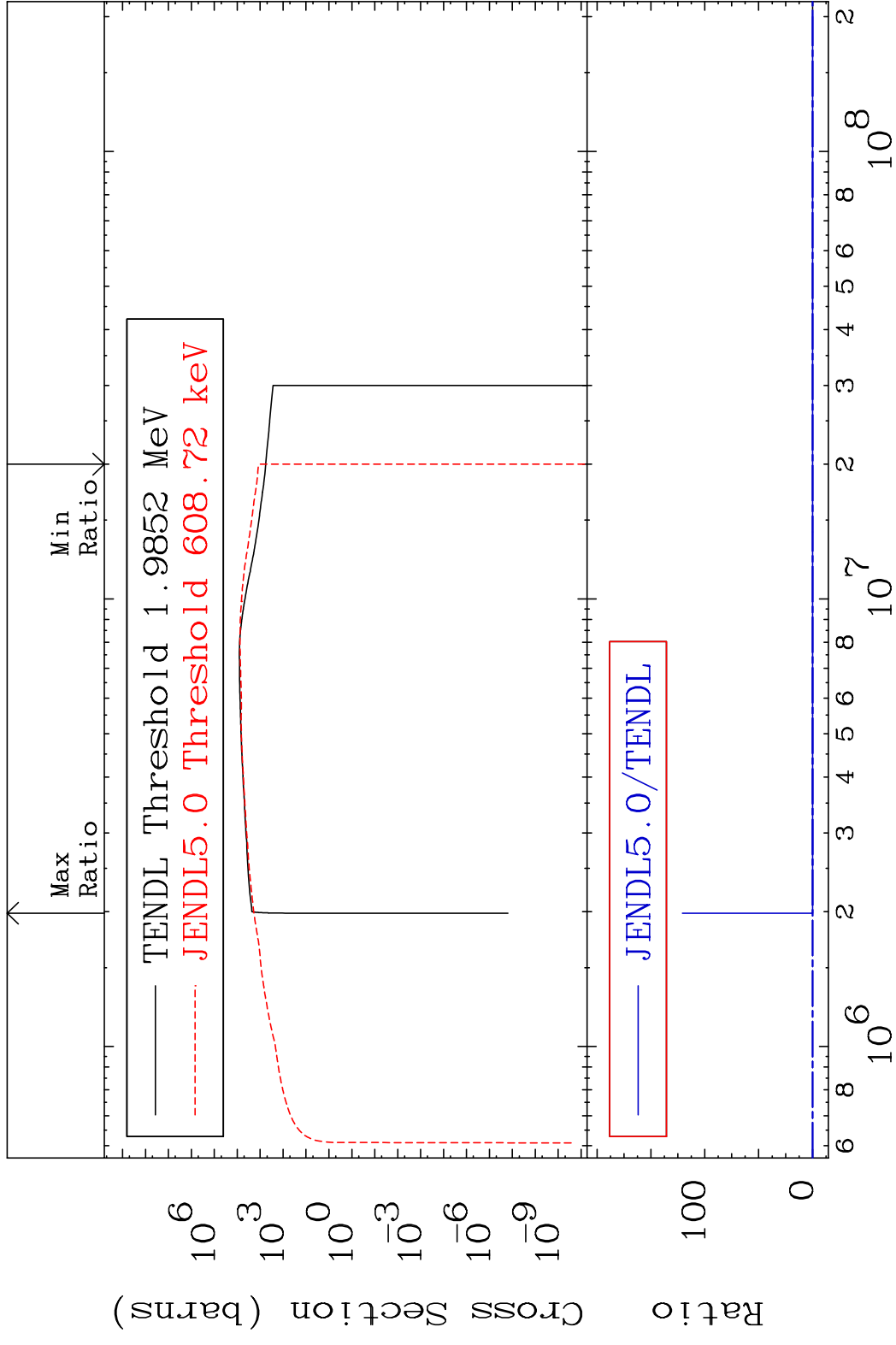
Dpa elastic (mt2)

12-Mg-25

Cross Section -87.46 To 1895. %

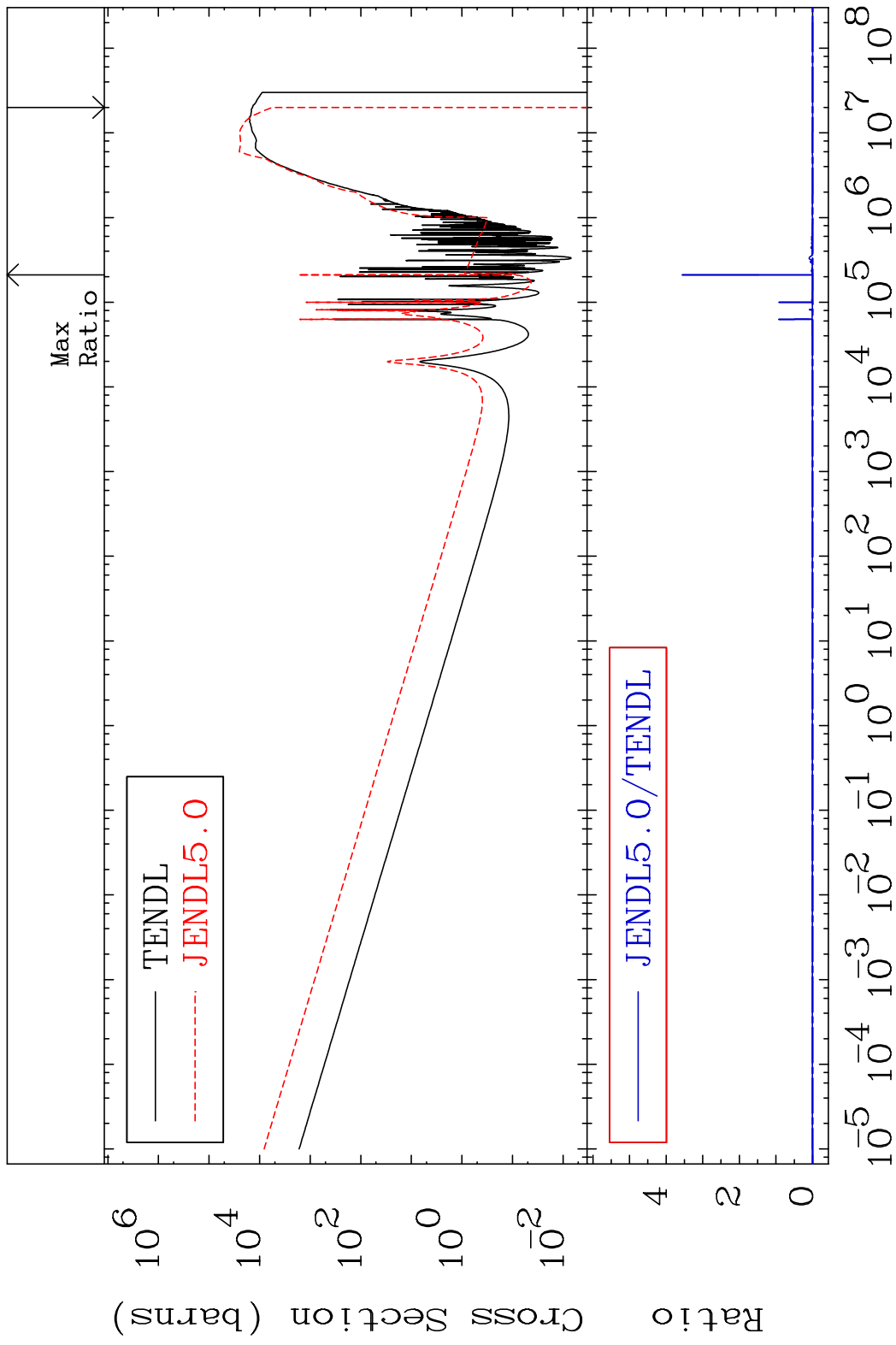


MAT 1228 Dpa inelastic (mt51-91) 12-Mg-25  
 Cross Section -100.0 To 9999. %



44 12-Mg-25

MAT 1228 Dpa disappearance (mt102 -120) 12-Mg-25  
 Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

12-Mg-25