

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

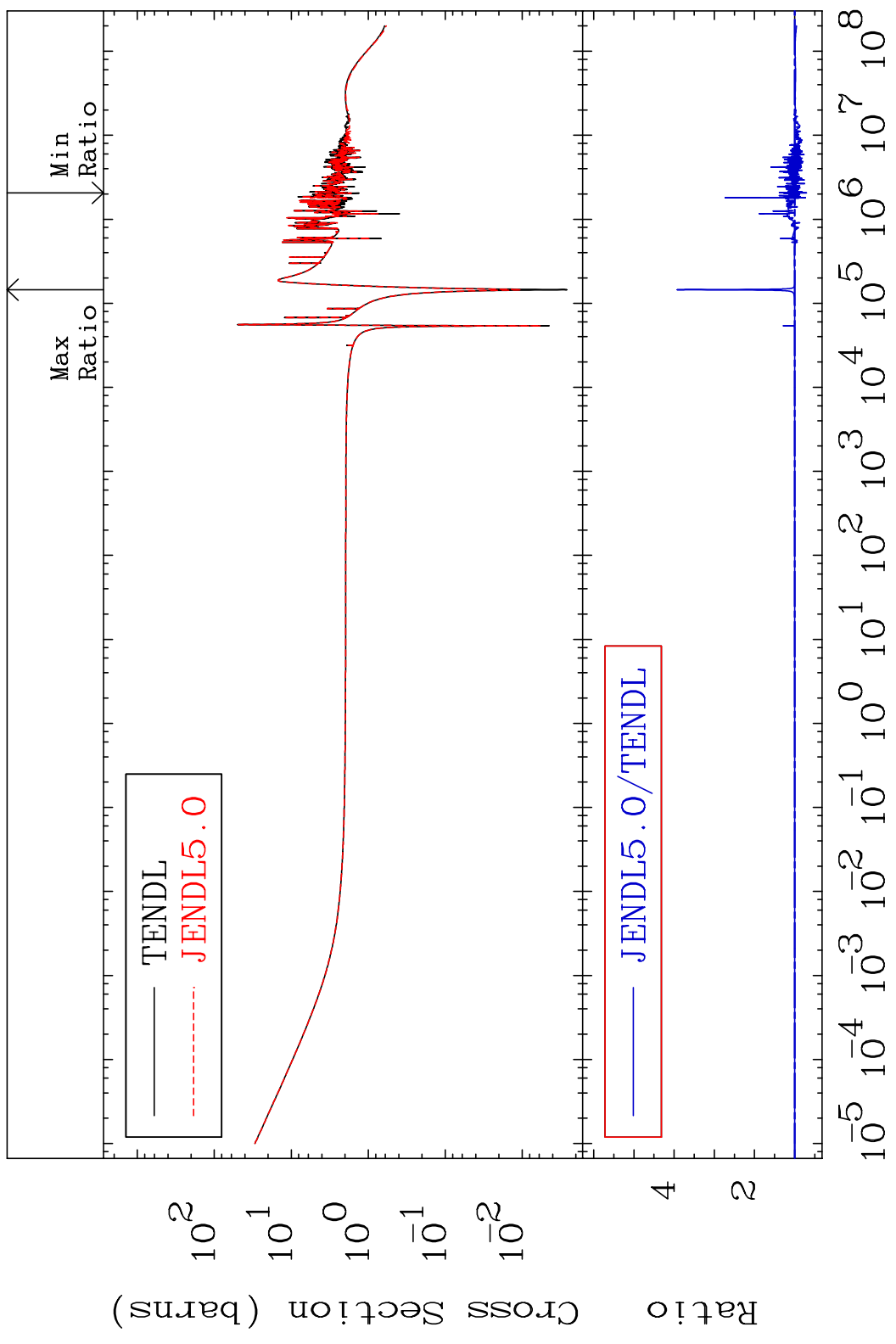
MAT 1425

Total

14-Si-28

Cross Section

-29.08 To 292.3 %



1

Incident Energy (eV)

14-Si-28

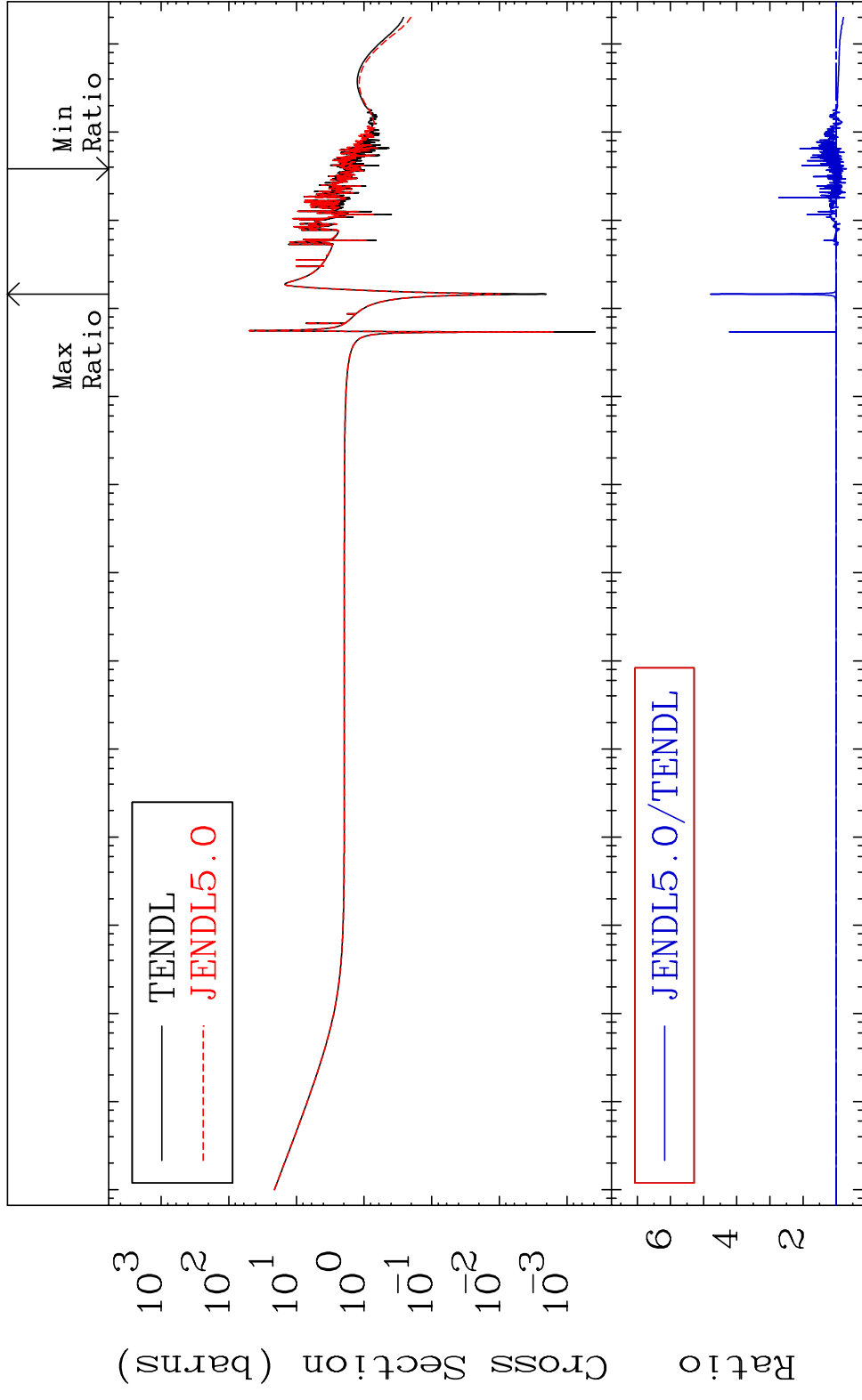
MAT 1425

Elastic

14-Si-28

Cross Section

-30.62 To 378.6 %

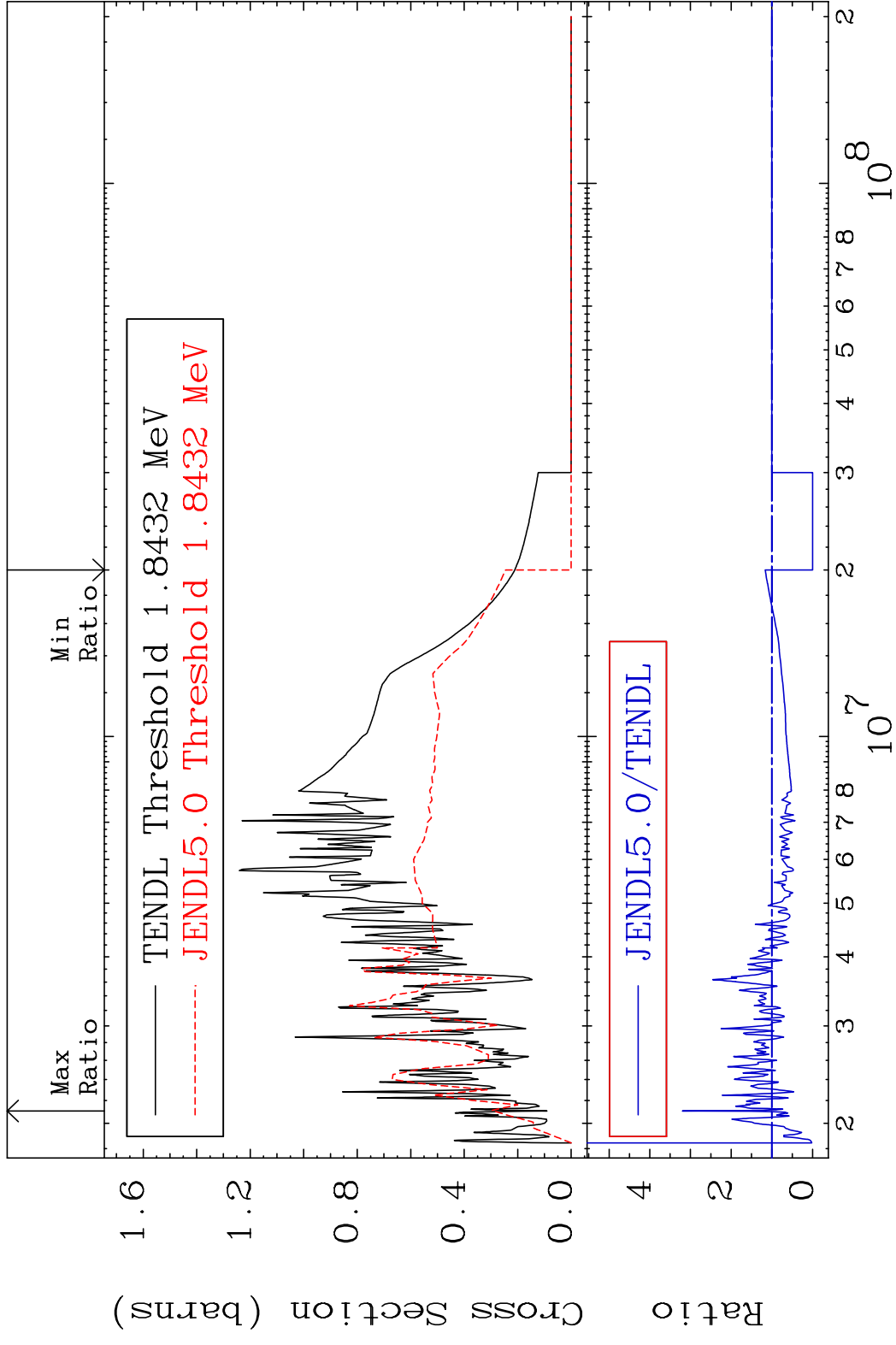


2

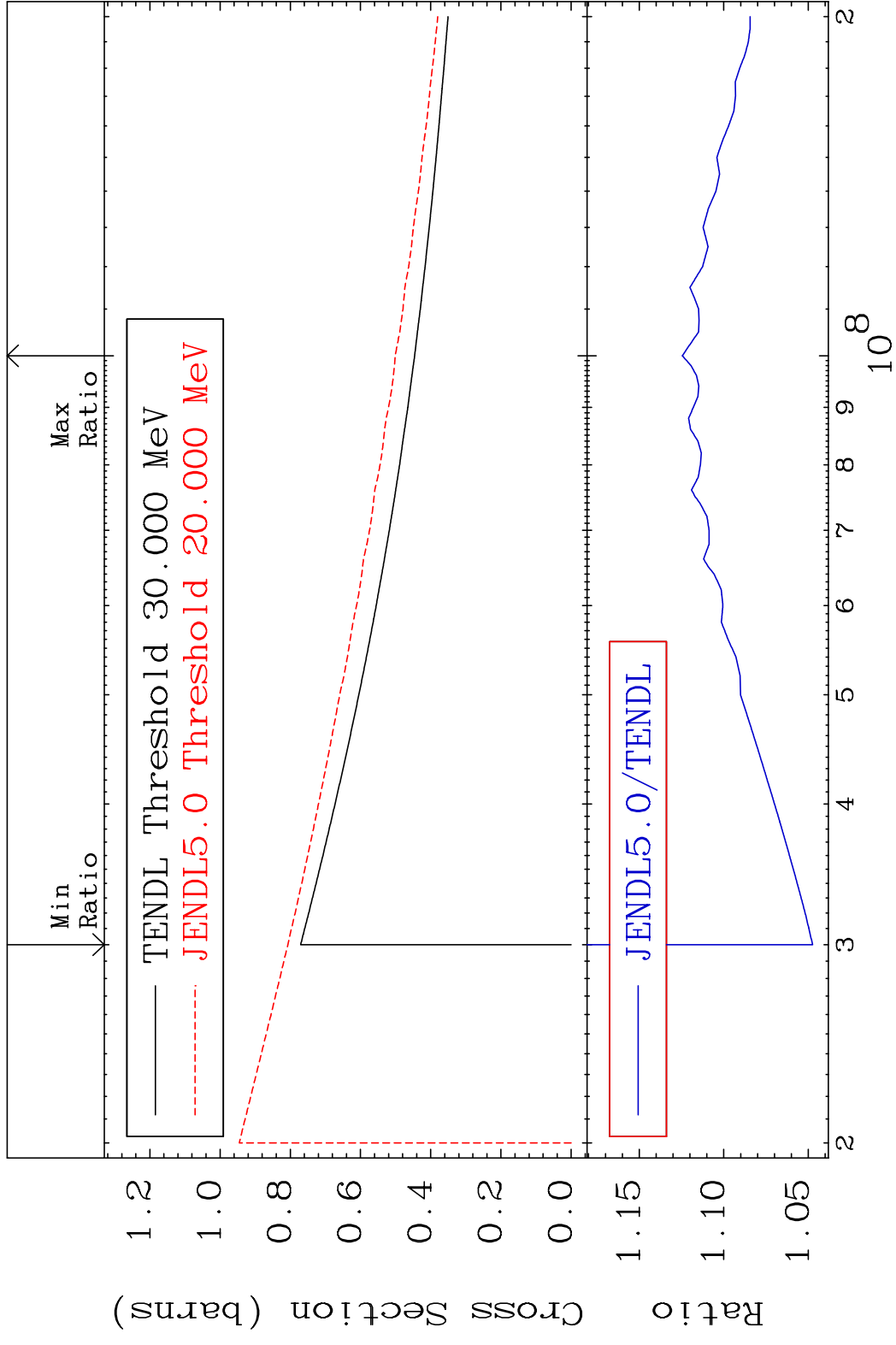
Incident Energy (eV)

14-Si-28

MAT 1425 Inelastic 14-Si-28  
 Cross Section -100.0 To 220.0 %

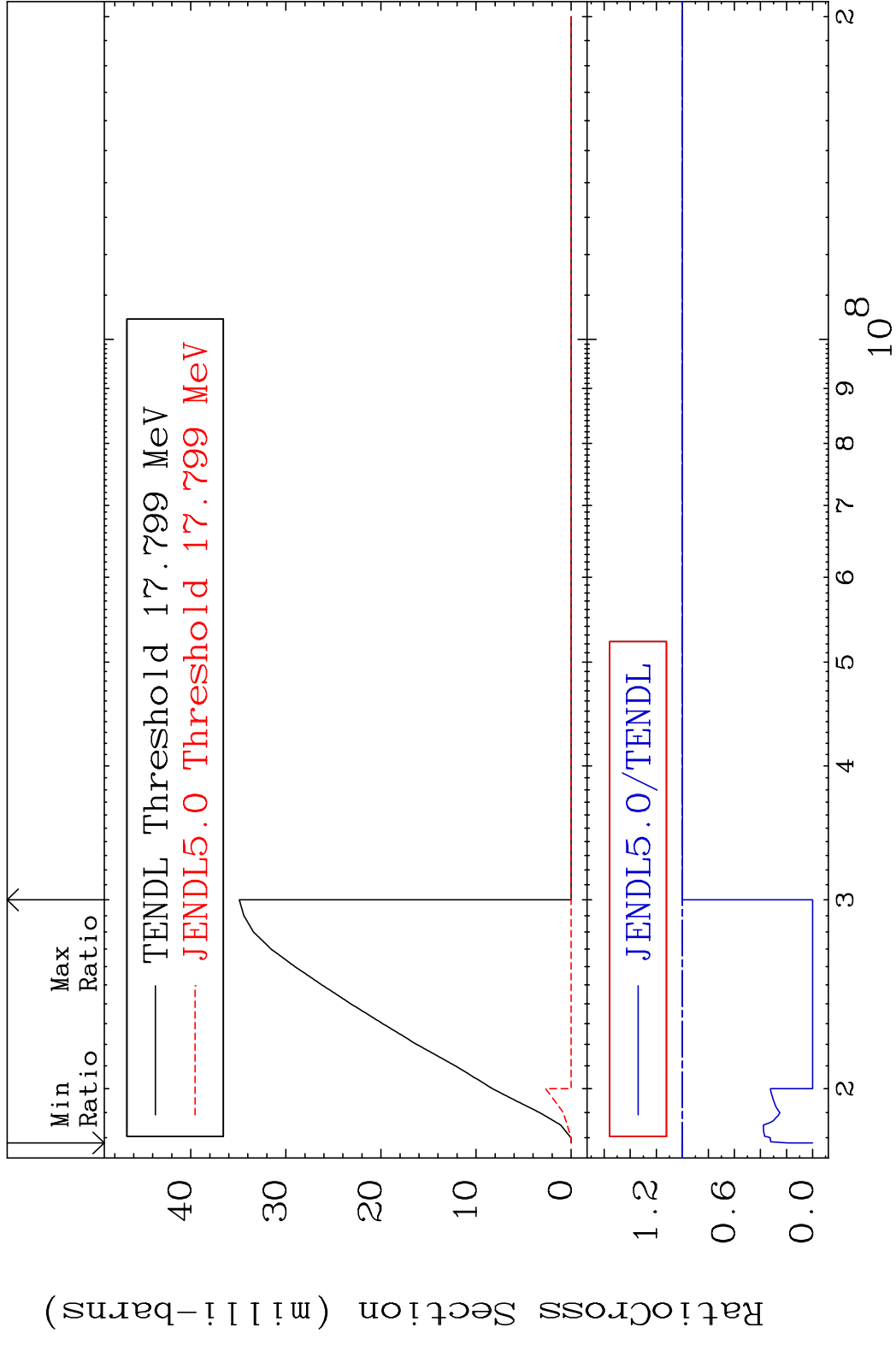


MAT 1425 (n, remainder) 14-Si-28  
 Cross Section 4.748 To 12.45 %



4 Incident Energy (eV) 14-Si-28

MAT 1425 (n,2n) 14-Si-28  
 Cross Section -100.0 To 0.000 %



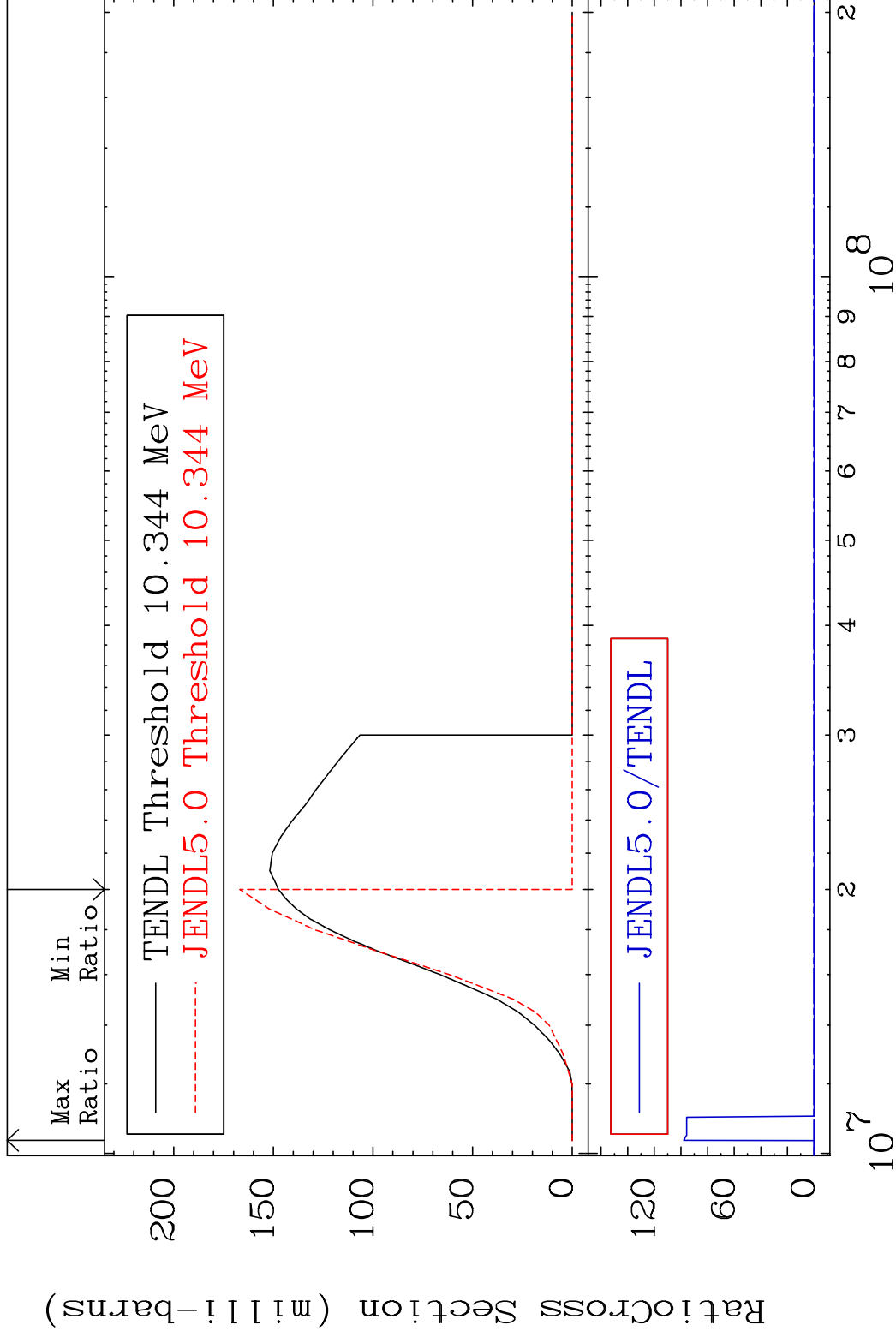
5 Incident Energy (eV) 14-Si-28

MAT 1425

(n, n')  $\alpha$

14-Si-28

Cross Section -100.0 To 9999. %



6

Incident Energy (eV)

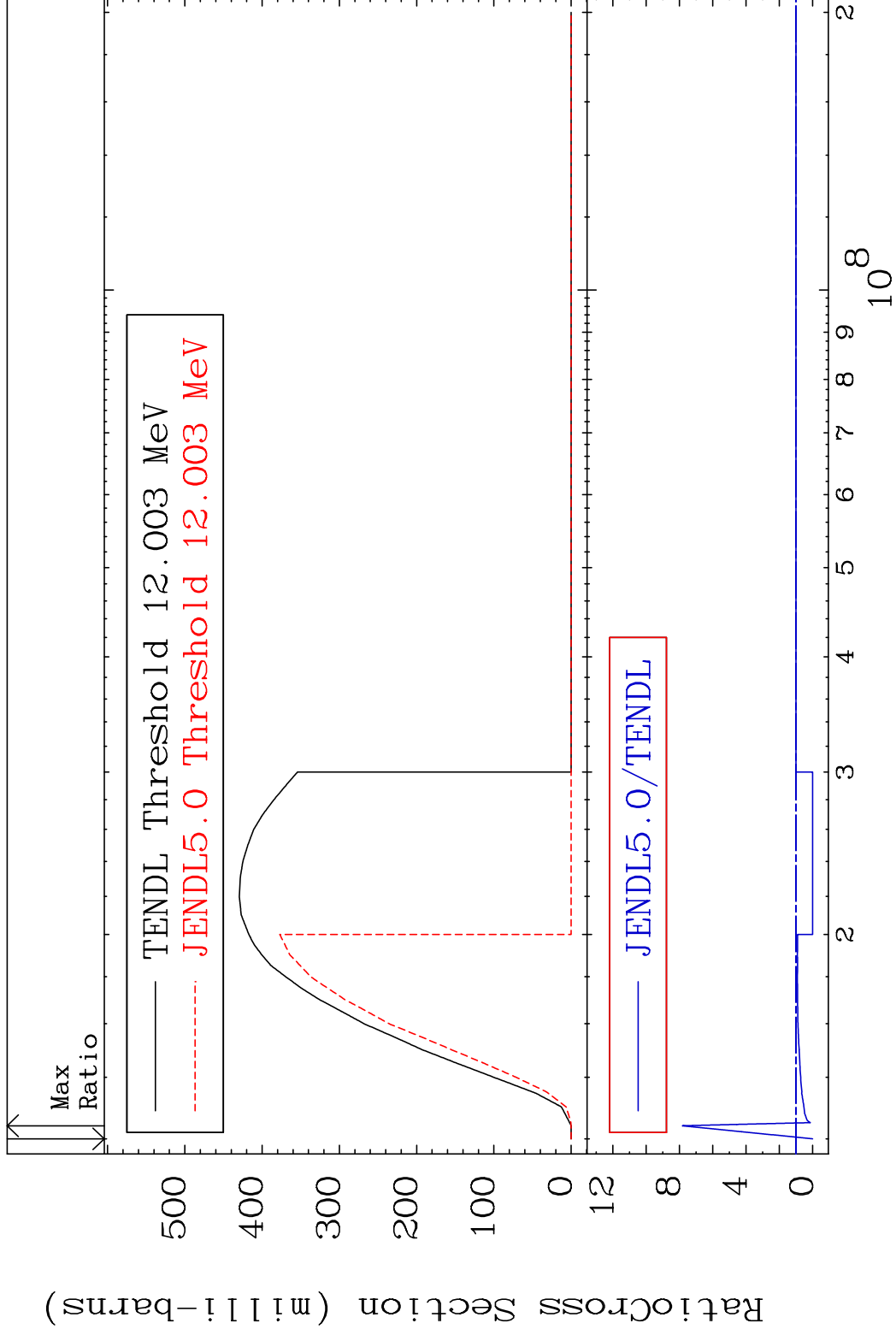
14-Si-28

MAT 1425

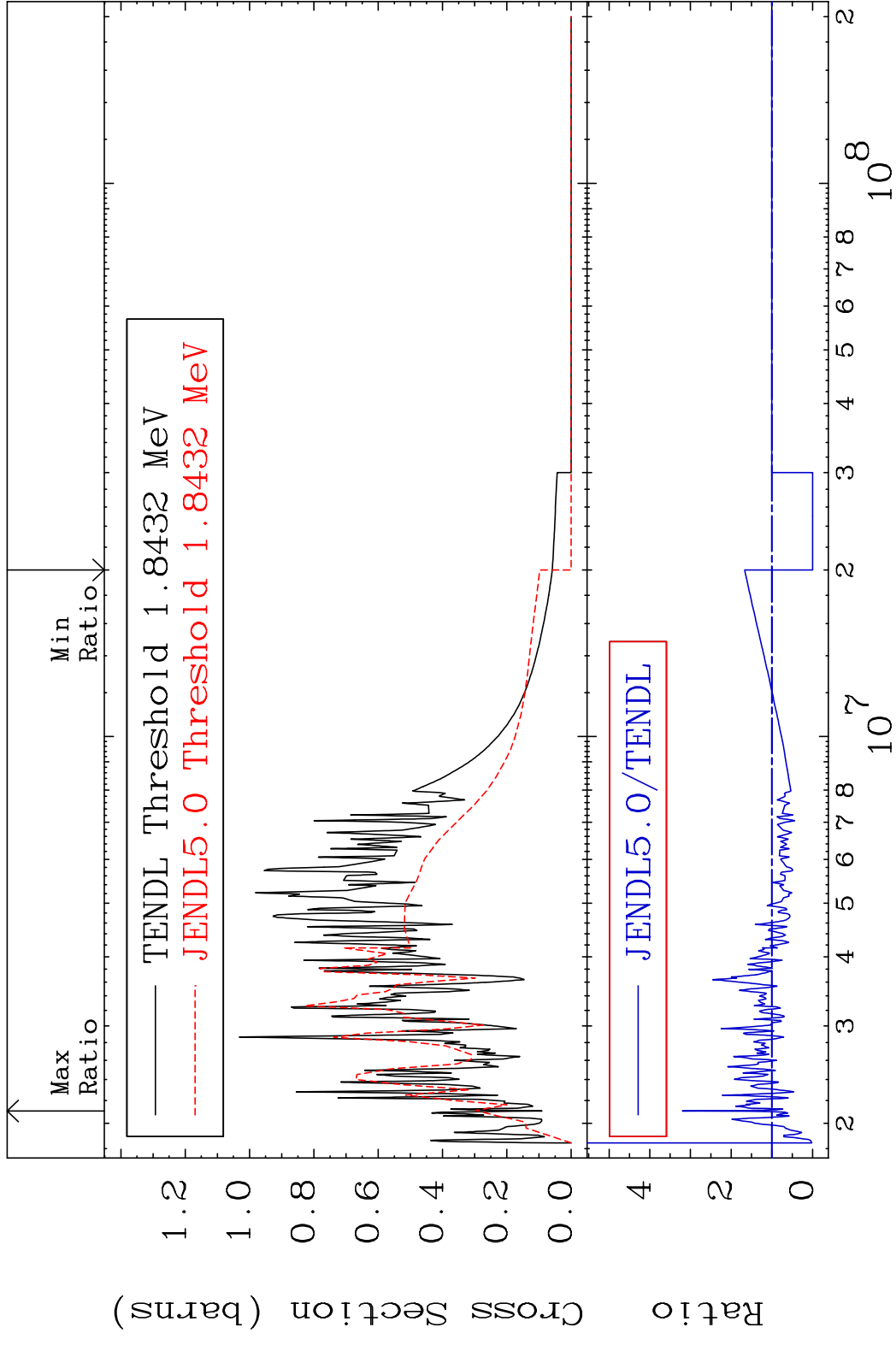
(n, n') p

14-Si-28

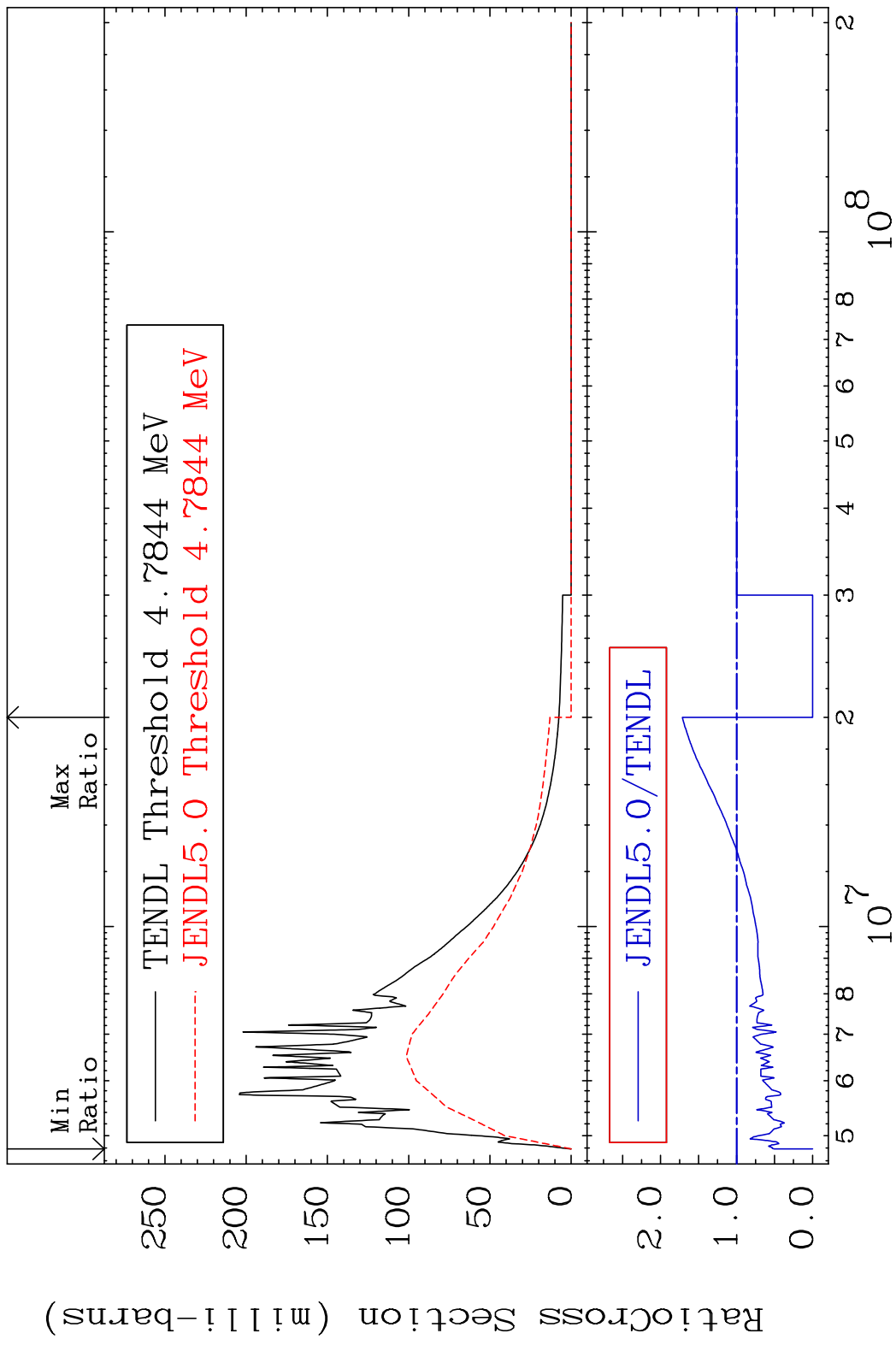
Cross Section -100.0 To 682.2 %



MAT 1425 MT= 51 (n, n') Level 14-Si-28  
 Cross Section -100.0 To 220.0 %

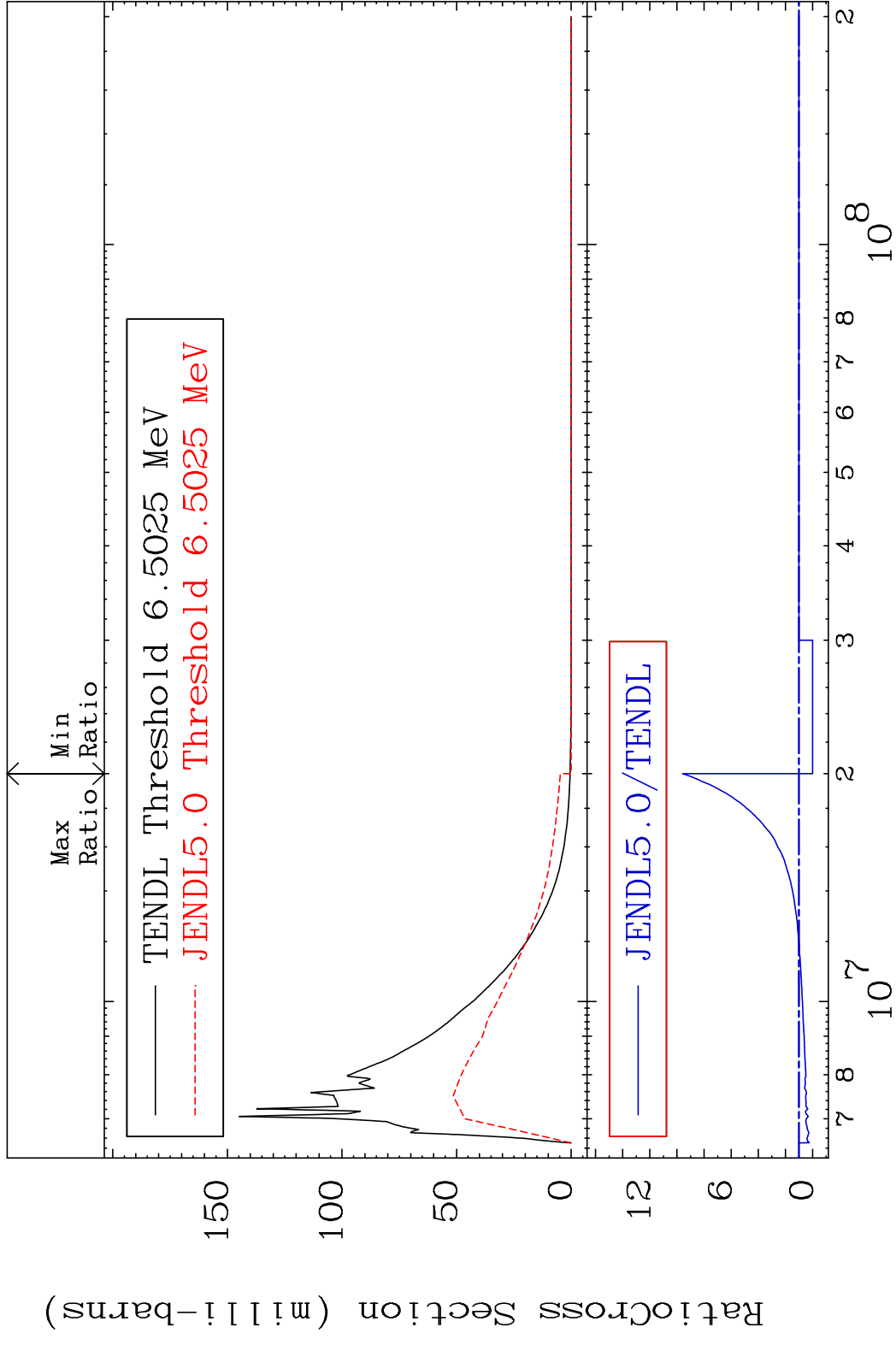


MAT 1425 MT= 52 (n, n') Level 14-Si-28  
 Cross Section -100.0 To 71.34 %

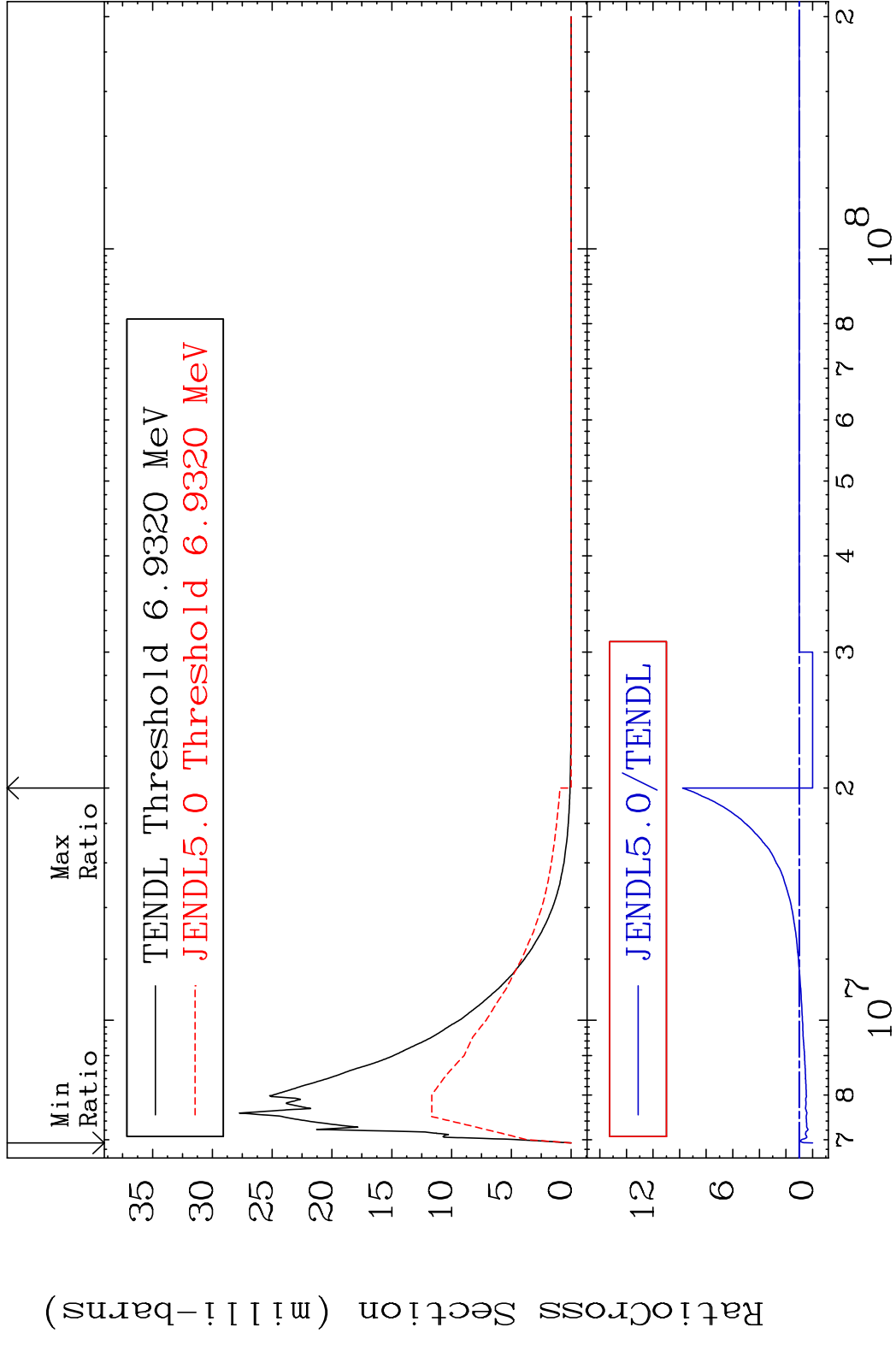




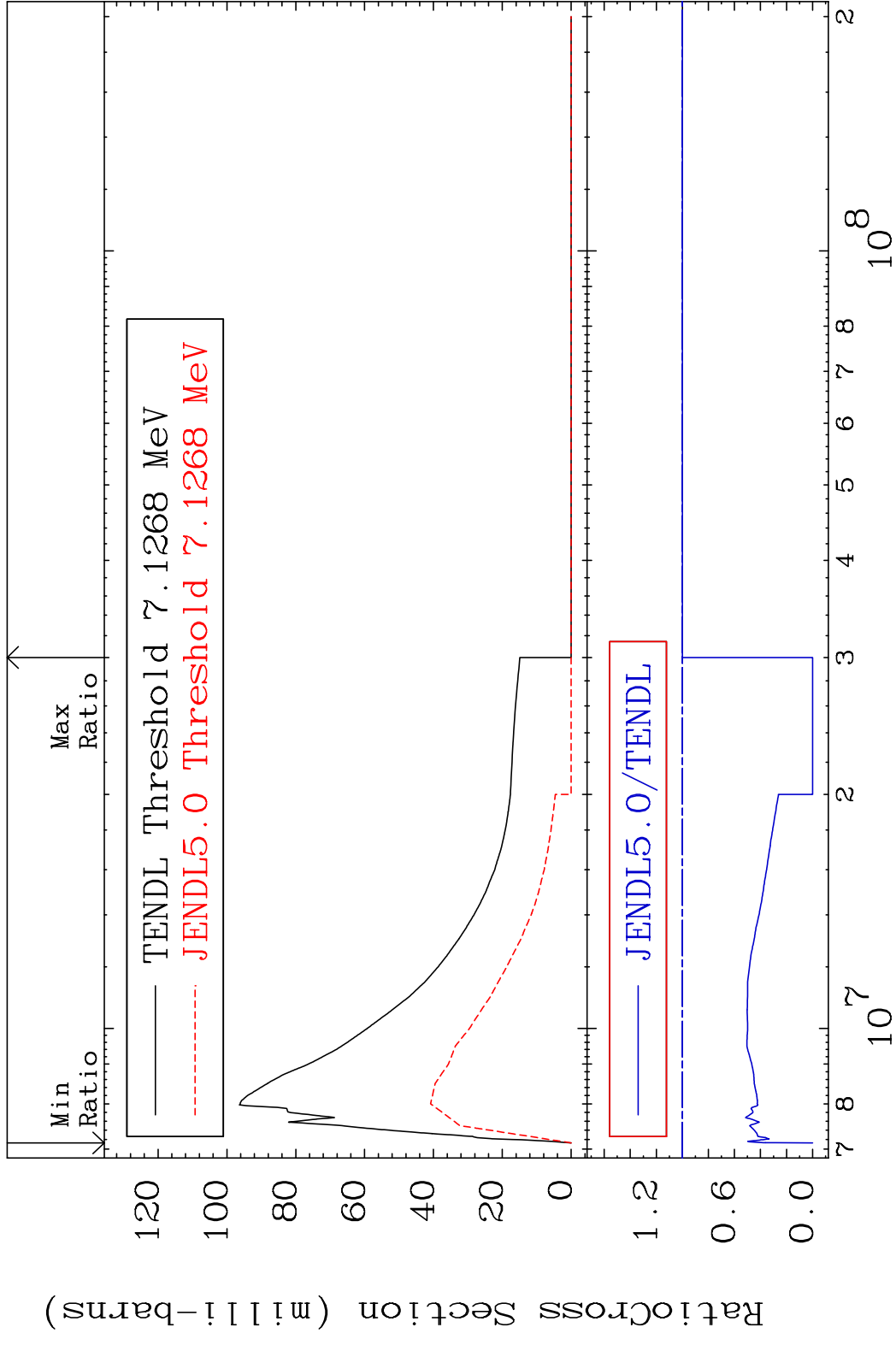
MAT 1425 MT= 54 (n,n') Level 14-Si-28  
 Cross Section -100.0 To 860.1 %



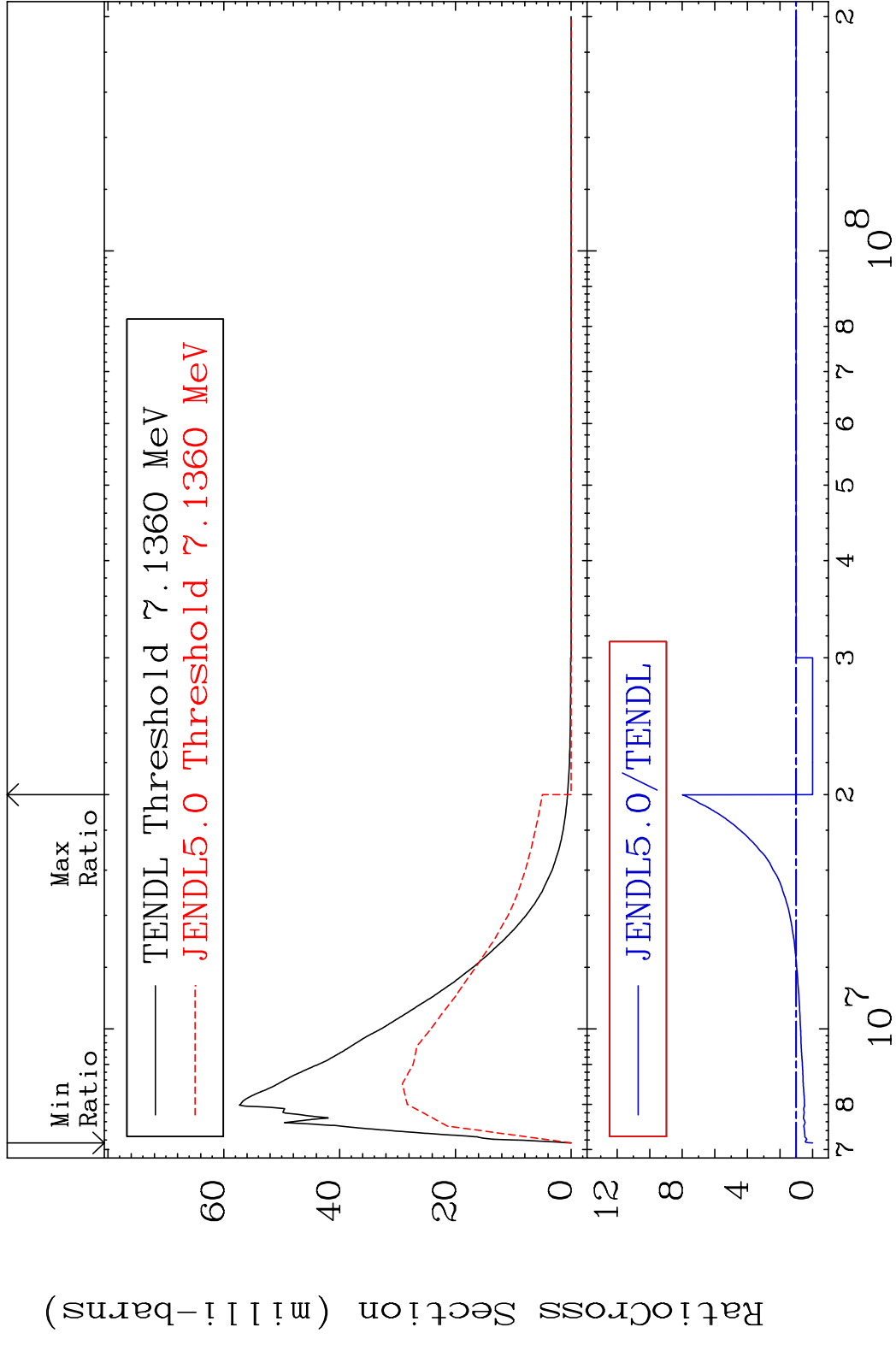
MAT 1425 MT= 55 (n,n') Level 14-Si-28  
 Cross Section -100.0 To 879.5 %



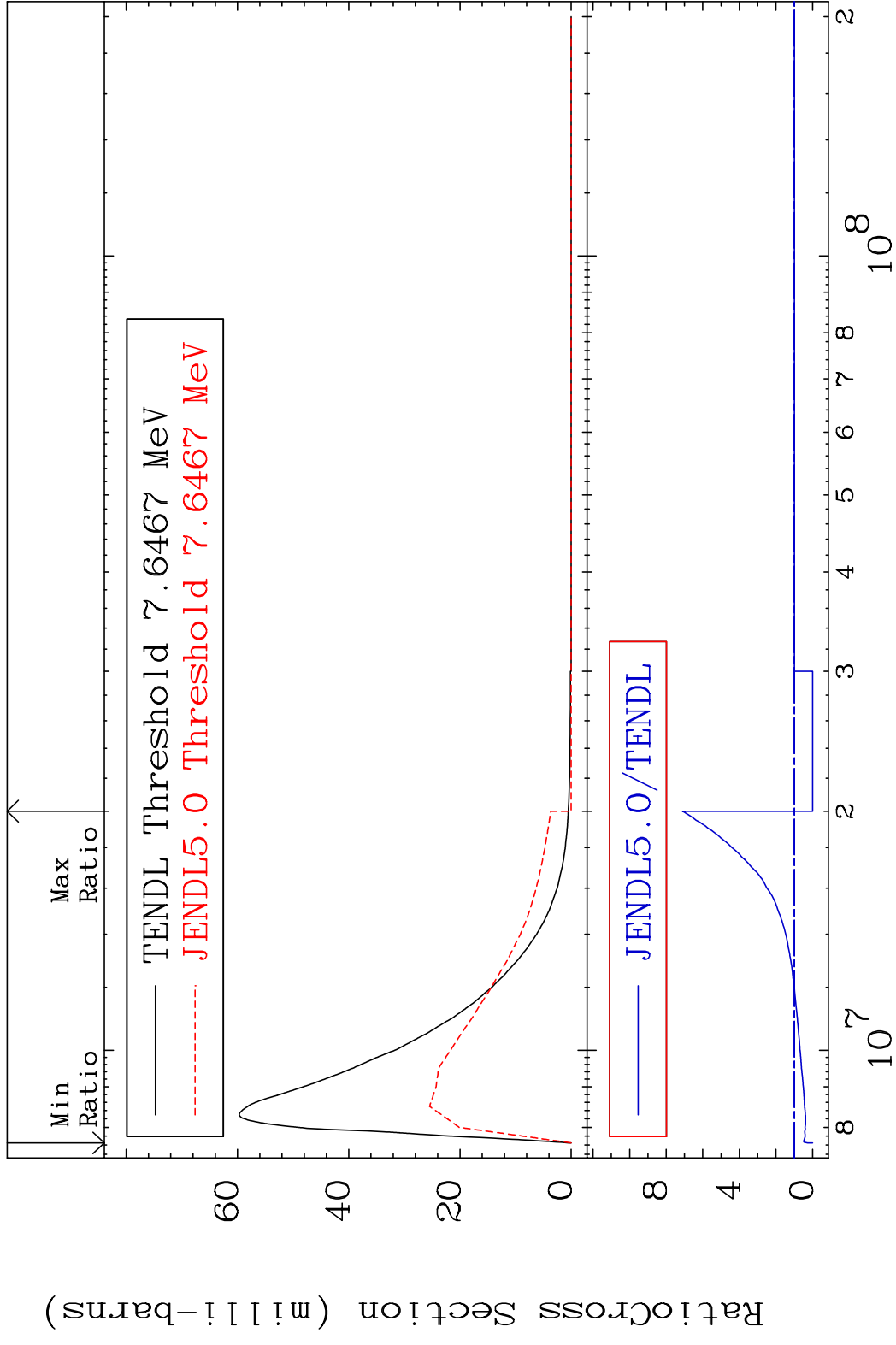
MAT 1425 MT= 56 (n,n') Level 14-Si-28  
 Cross Section -100.0 To 0.000 %



MAT 1425 MT= 57 (n,n') Level 14-Si-28  
 Cross Section -100.0 To 699.5 %

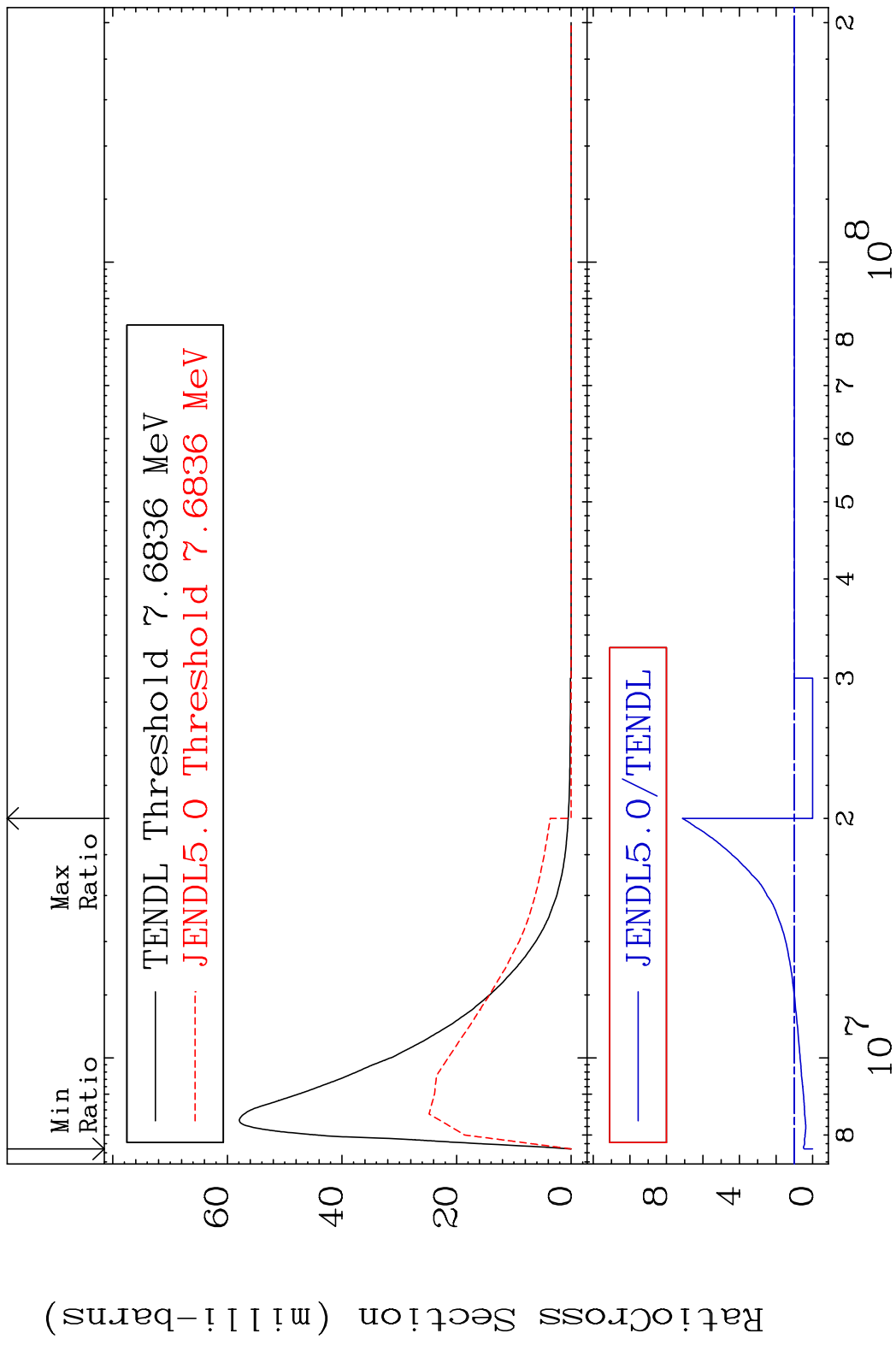


MAT 1425 MT= 58 (n,n') Level 14-Si-28  
 Cross Section -100.0 To 611.7 %



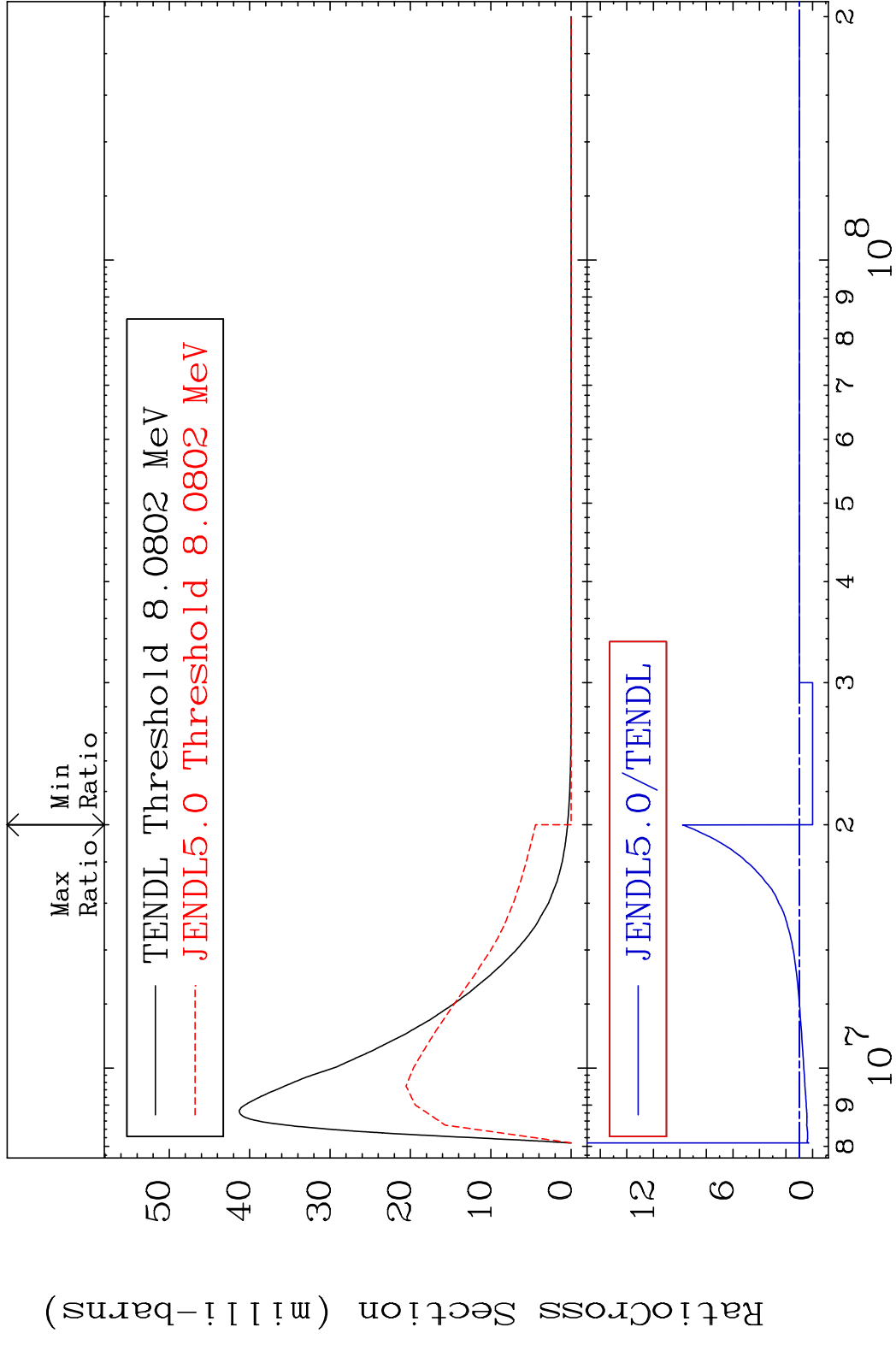
15 14-Si-28

MAT 1425 MT= 59 (n,n') Level 14-Si-28  
 Cross Section -100.0 To 612.6 %

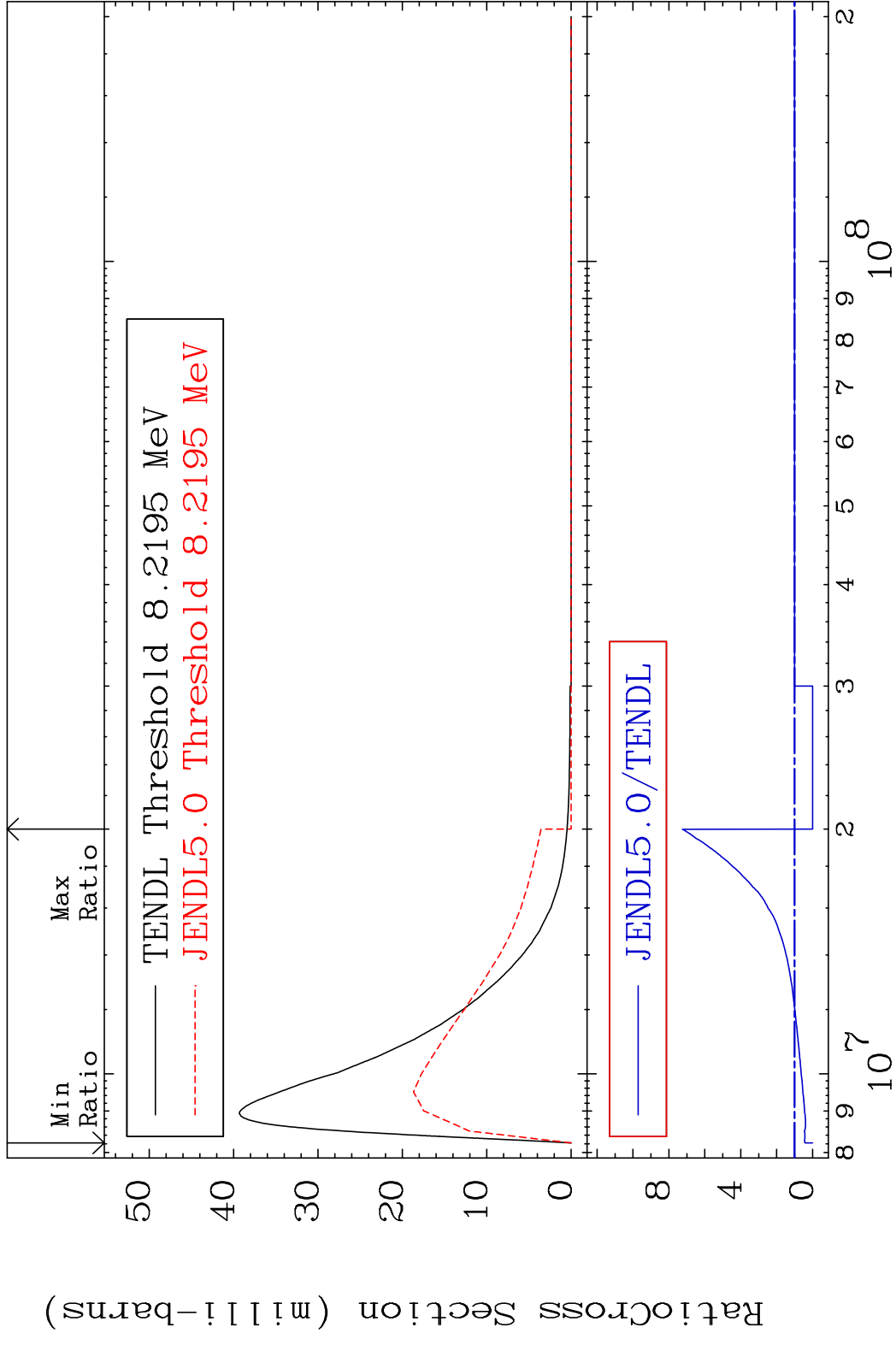


16 14-Si-28

MAT 1425 MT= 60 (n,n') Level 14-Si-28  
 Cross Section -100.0 To 881.2 %

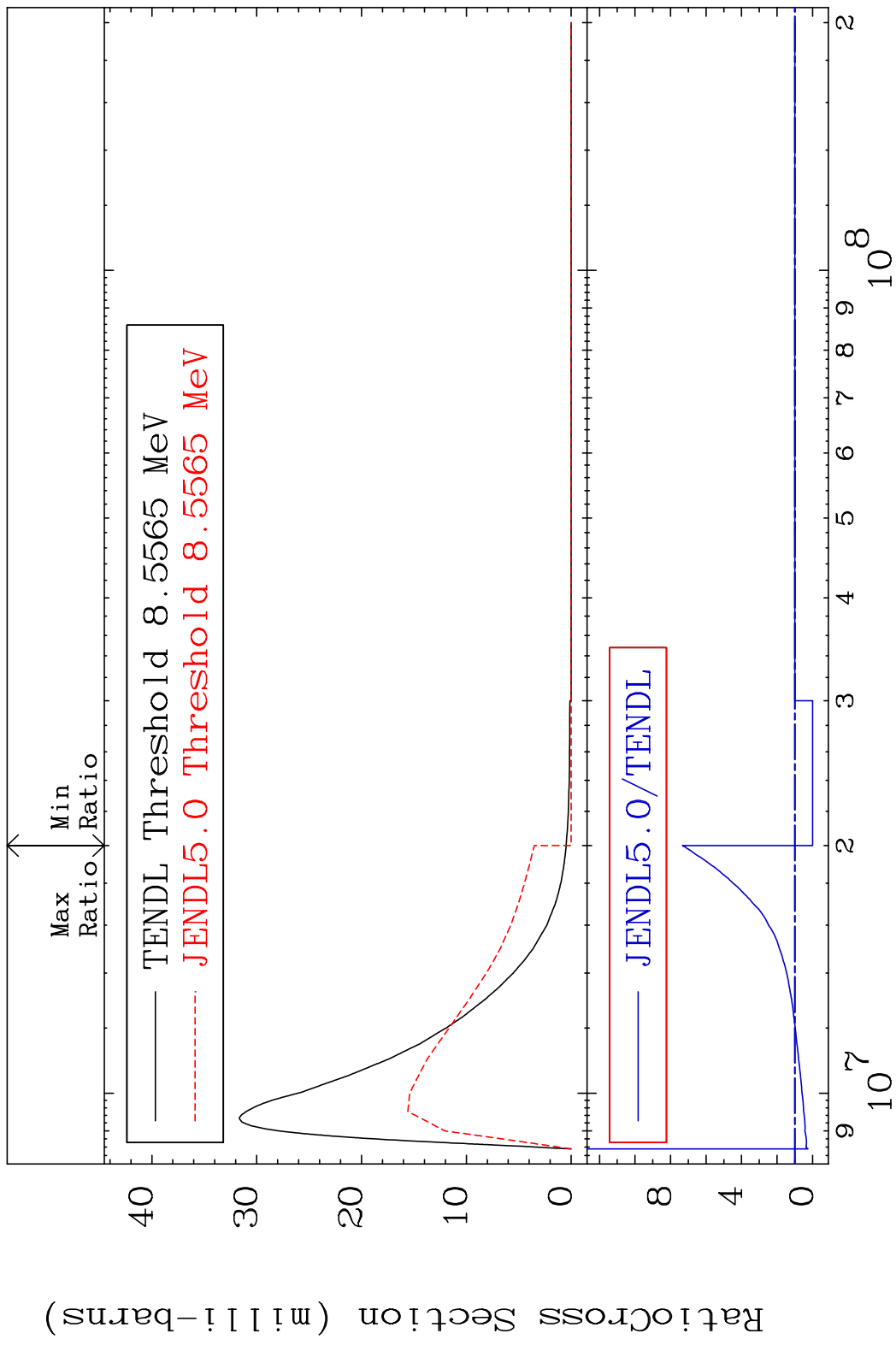


MAT 1425 MT= 61 (n, n') Level 14-Si-28  
 Cross Section -100.0 To 625.1 %



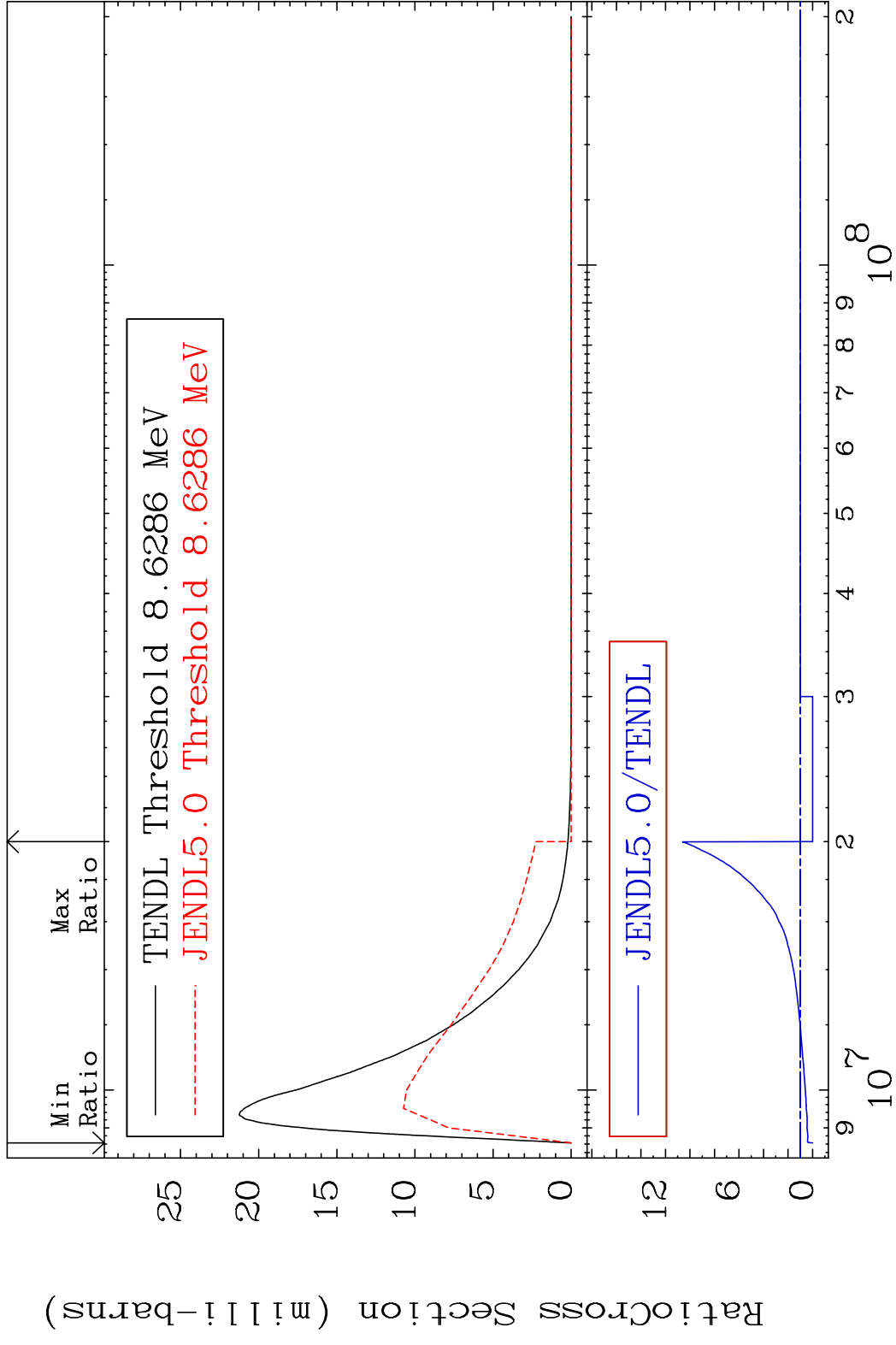
18 14-Si-28

MAT 1425 MT= 62 (n, n') Level 14-Si-28  
 Cross Section -100.0 To 633.4 %



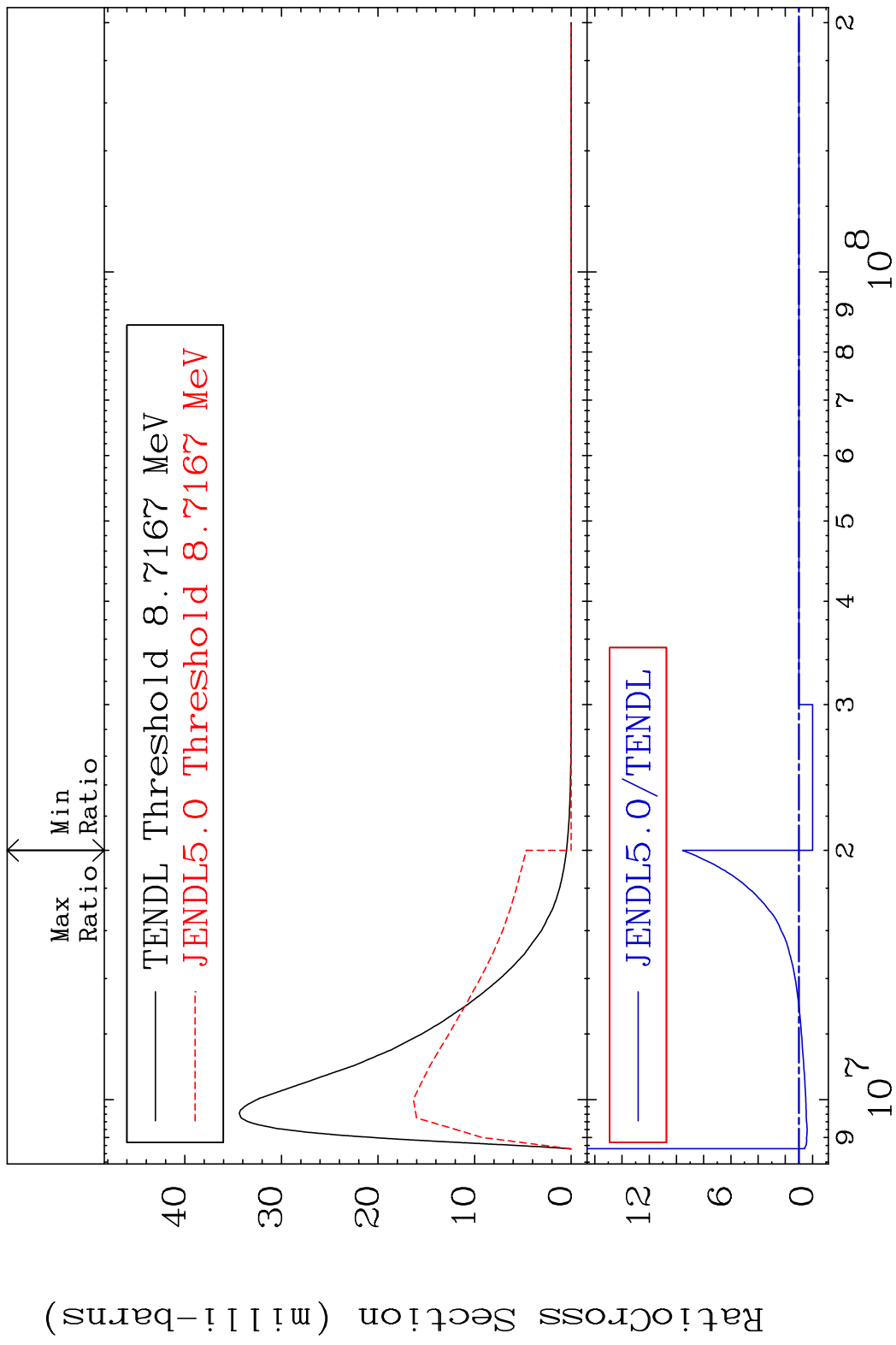
19 19 Incident Energy (eV) 14-Si-28

MAT 1425 MT= 63 (n,n') Level 14-Si-28  
 Cross Section -100.0 To 961.9 %

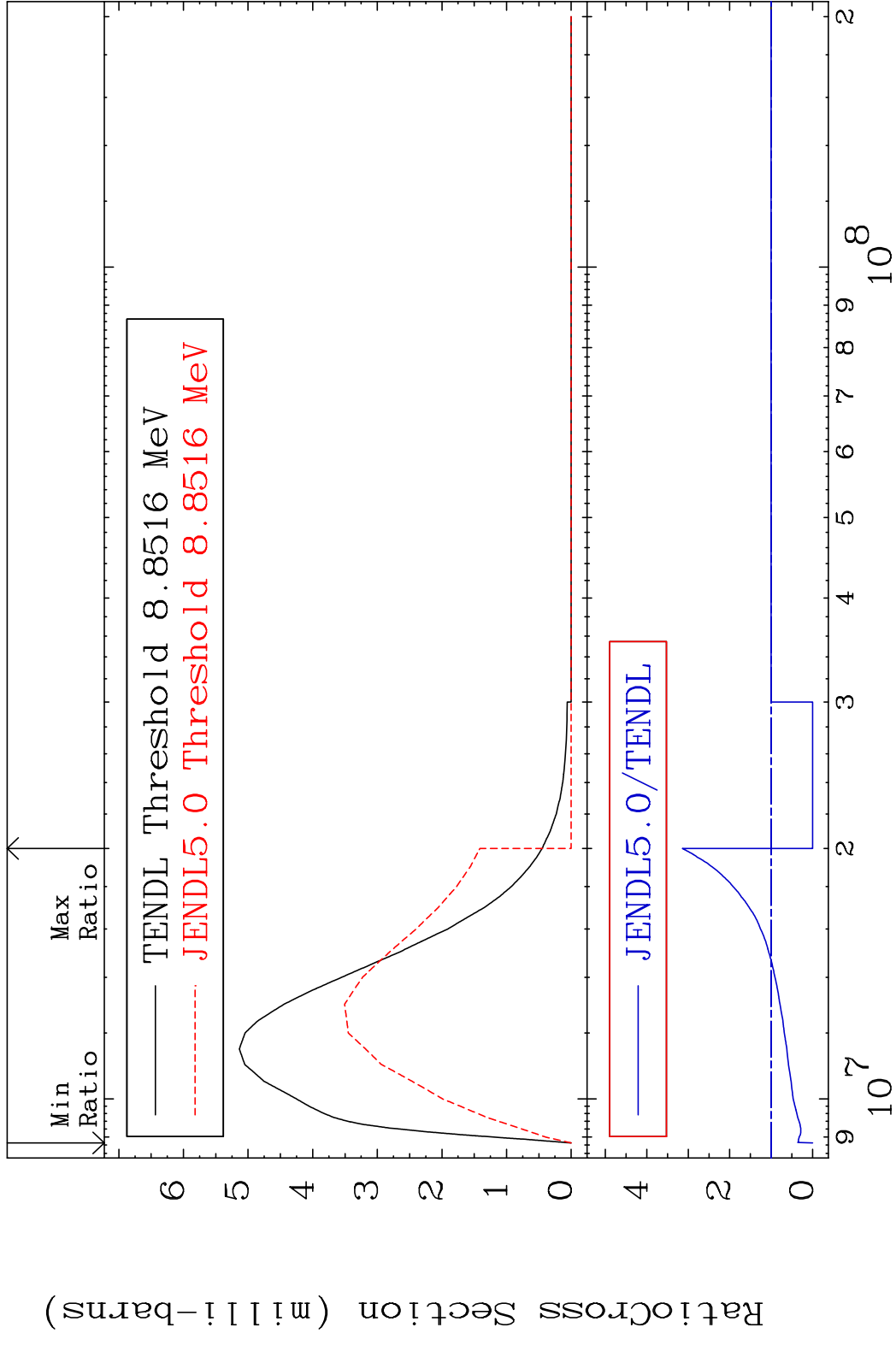


20 12 6 0 25 20 15 10 5 0 10<sup>7</sup> 10<sup>8</sup>

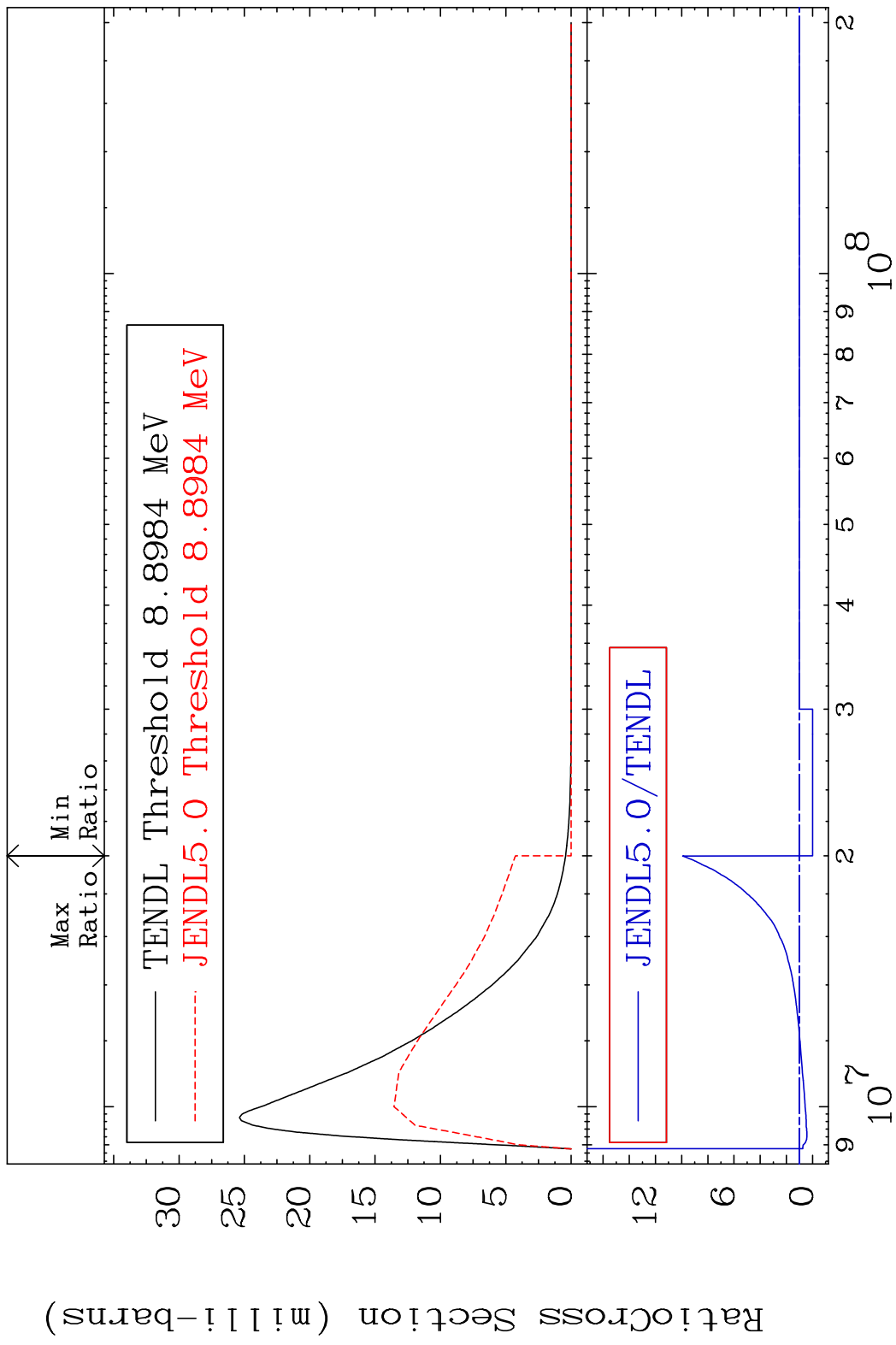
MAT 1425 MT= 64 (n,n') Level 14-Si-28  
 Cross Section -100.0 To 856.5 %



MAT 1425 MT= 65 (n,n') Level 14-Si-28  
 Cross Section -100.0 To 214.2 %



MAT 1425 MT= 66 (n,n') Level 14-Si-28  
 Cross Section -100.0 To 894.6 %

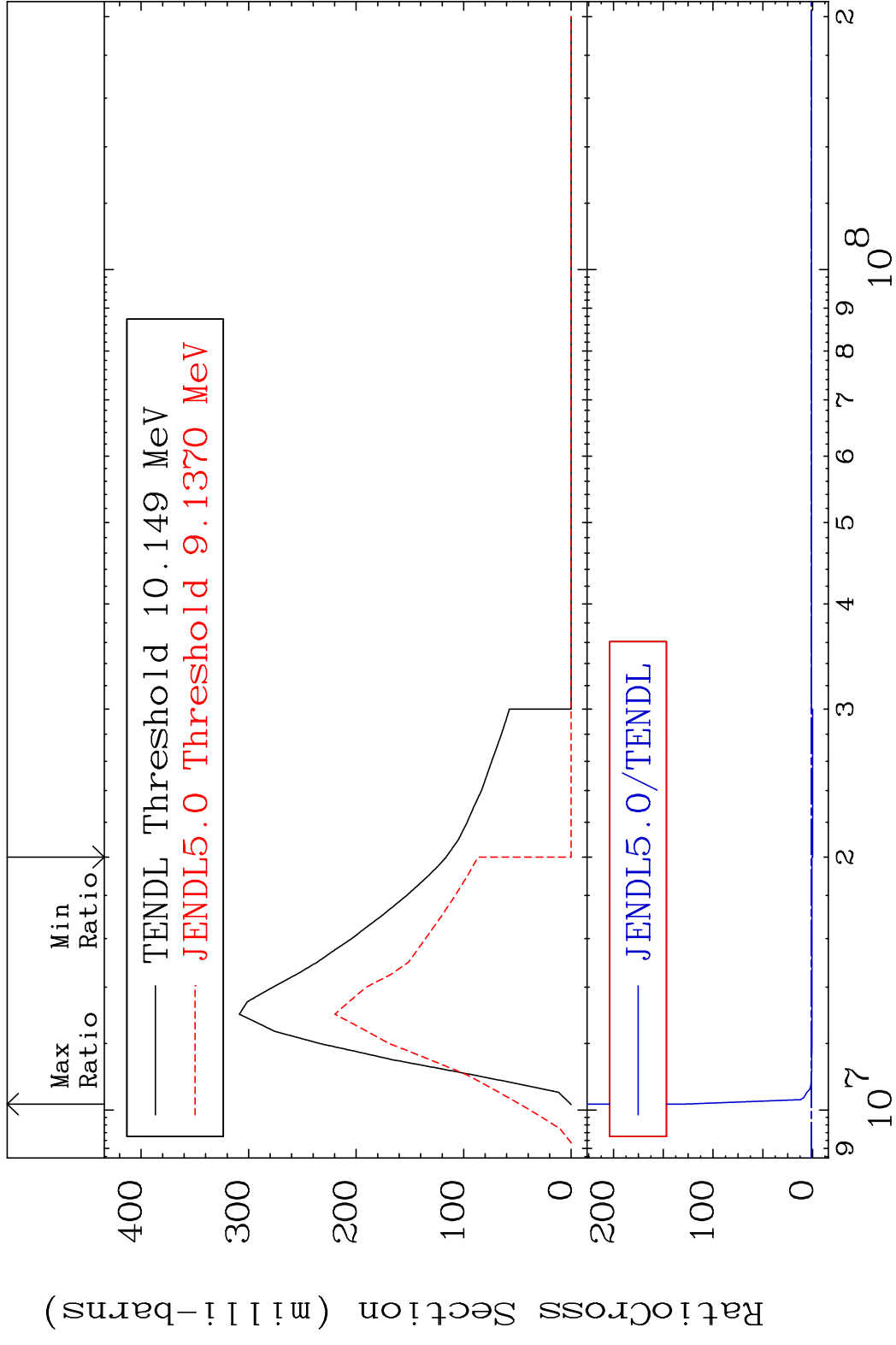


MAT 1425

(n,n') Continuum

<sup>14</sup>Si-28

Cross Section -100.0 To 9999. %



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Incident Energy (eV)

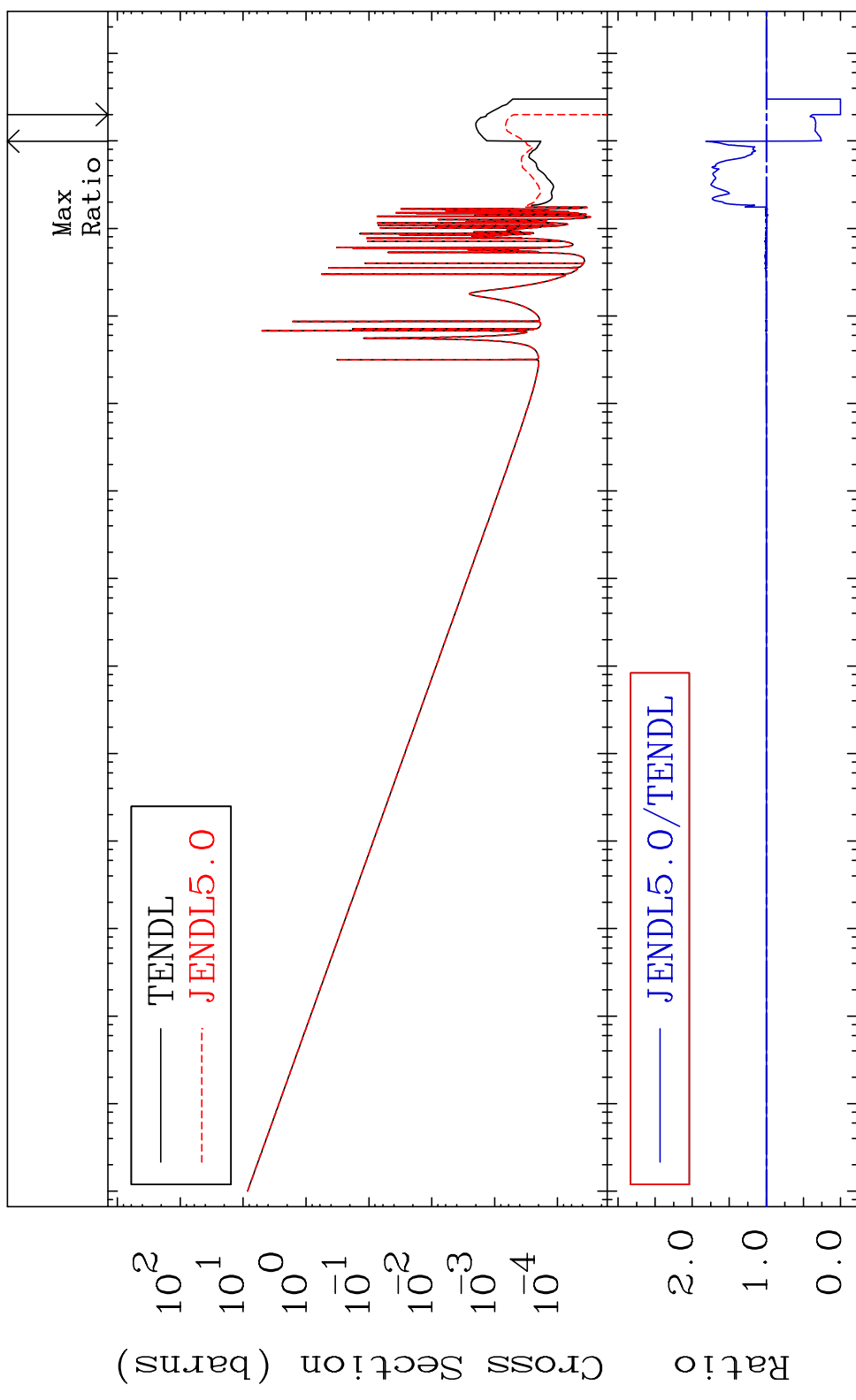
<sup>14</sup>Si-28

MAT 1425

(n,  $\gamma$ )

14-Si-28

Cross Section -100.0 To 81.71 %

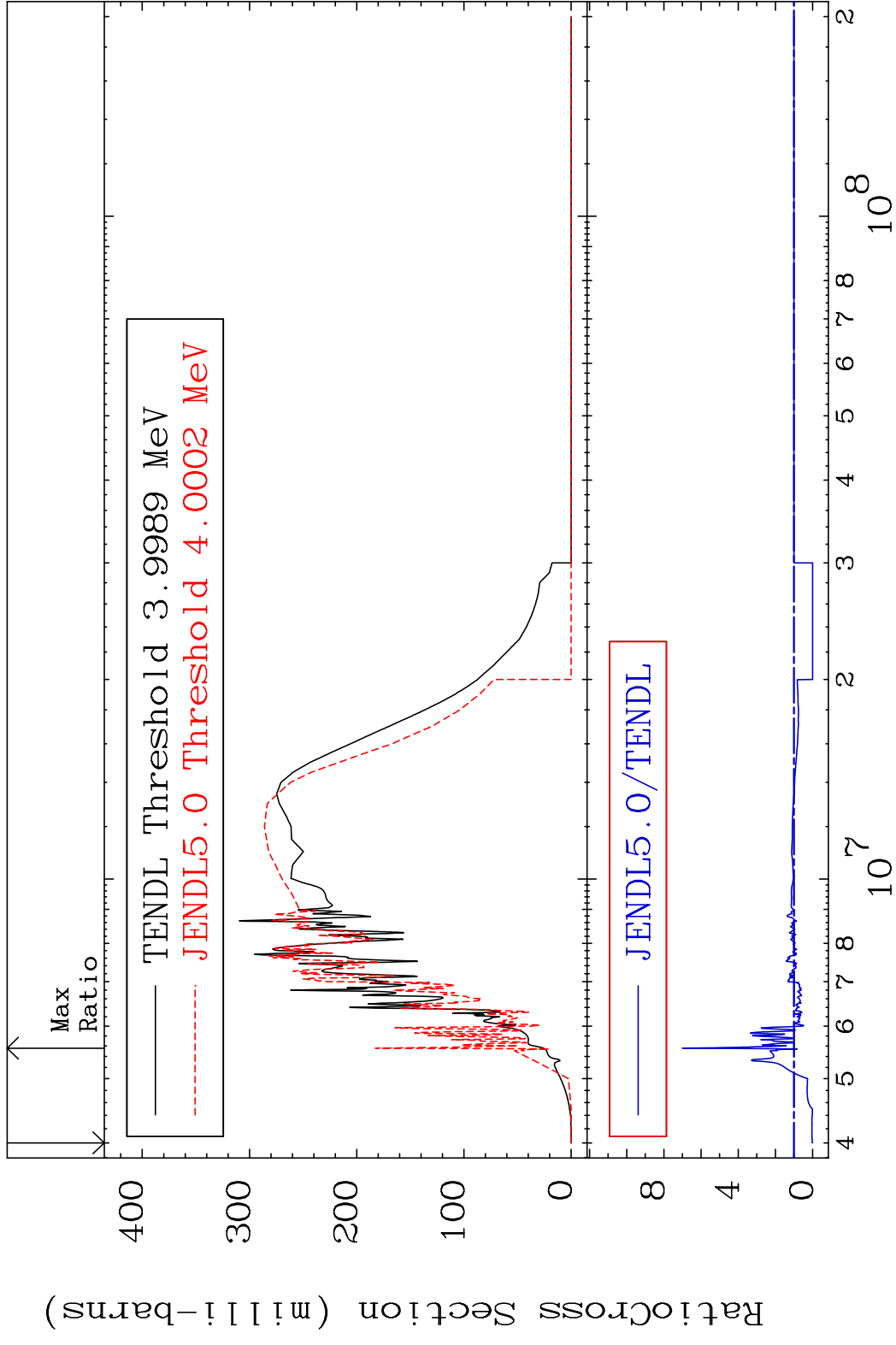


25

Incident Energy (eV)

14-Si-28

MAT 1425 (n,p) 14-Si-28  
 Cross Section -100.0 To 600.7 %

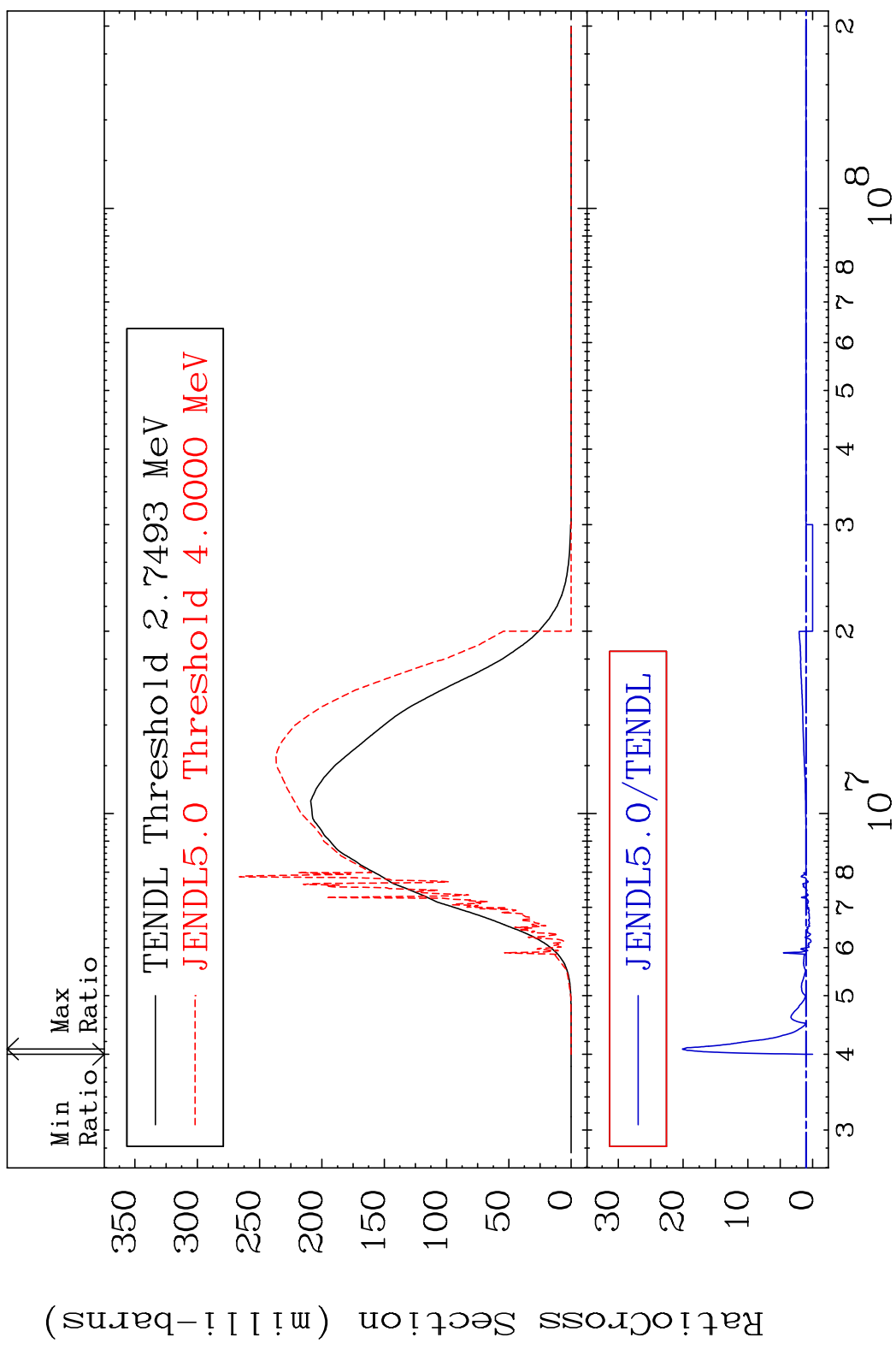


MAT 1425

(n,  $\alpha$ )

14-Si-28

Cross Section -100.0 To 1910. %

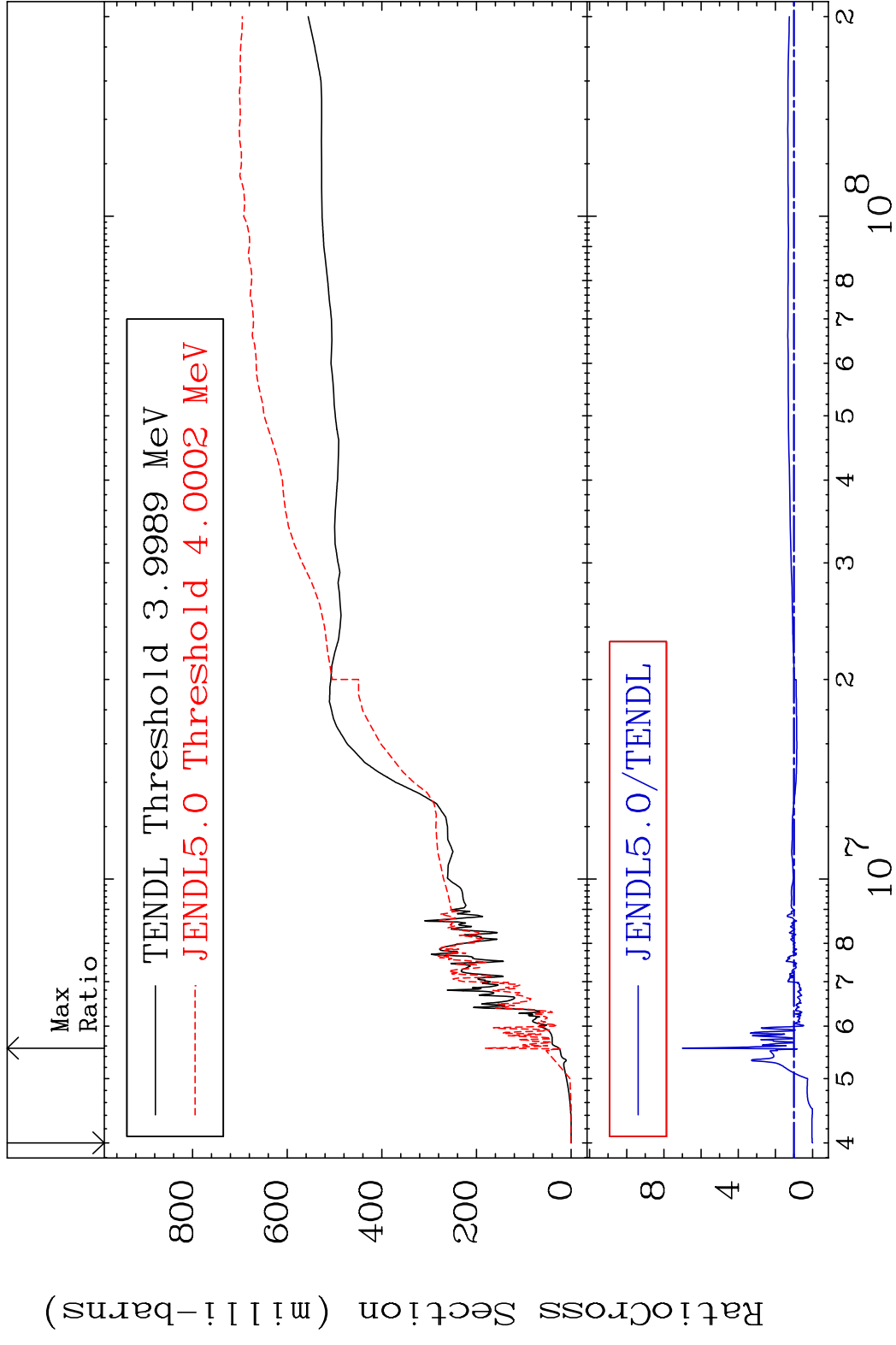


MAT 1425

Hydrogen Production

<sup>14</sup>Si-28

Cross Section -100.0 To 600.7 %

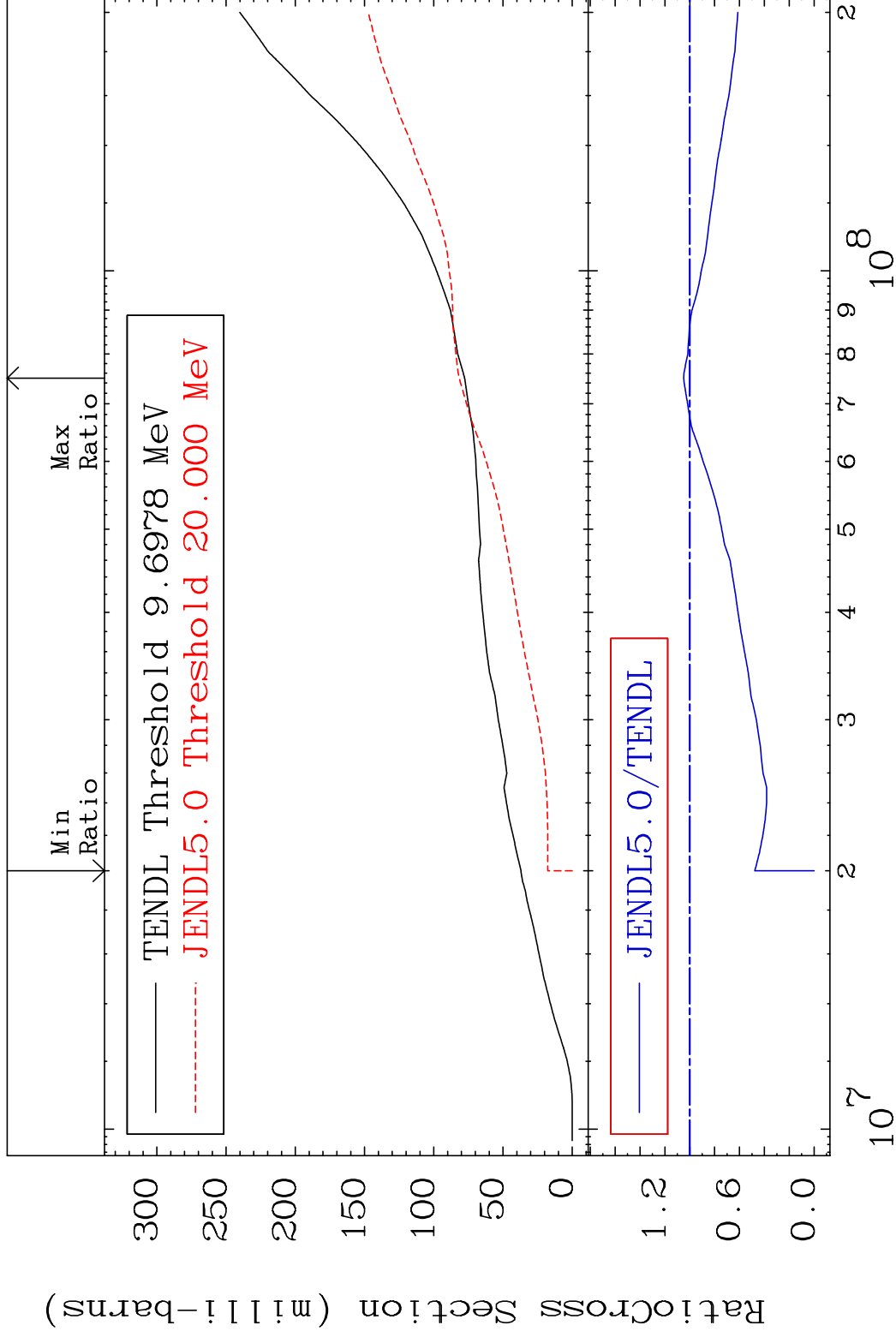


MAT 1425

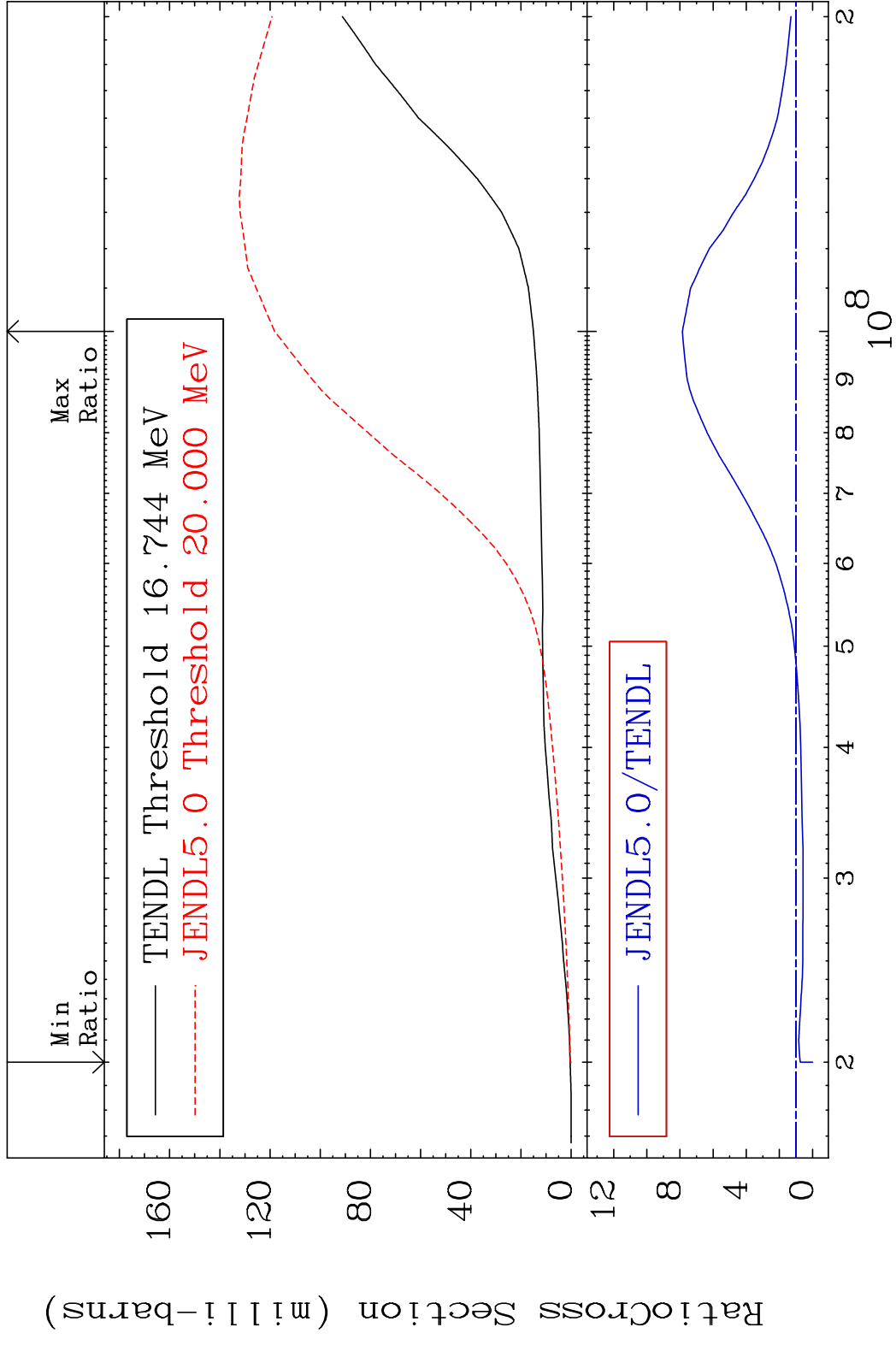
Deuterium Production

<sup>14</sup>Si-28

Cross Section -100.0 To 4.902 %



MAT 1425 Tritium Production 14-Si-28  
 Cross Section -100.0 To 685.6 %



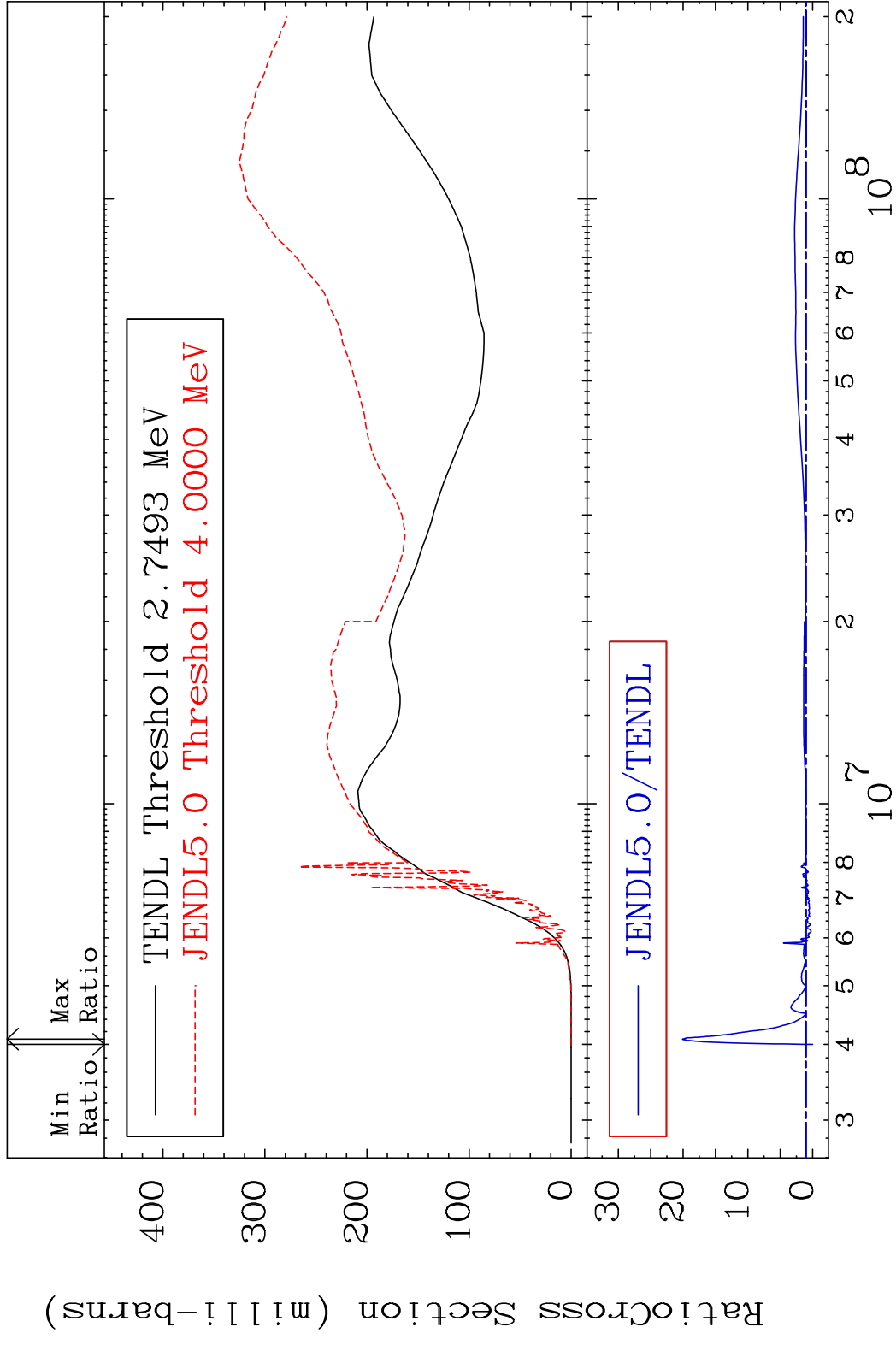


MAT 1425

He-4 Production

14-Si-28

Cross Section -100.0 To 1910. %

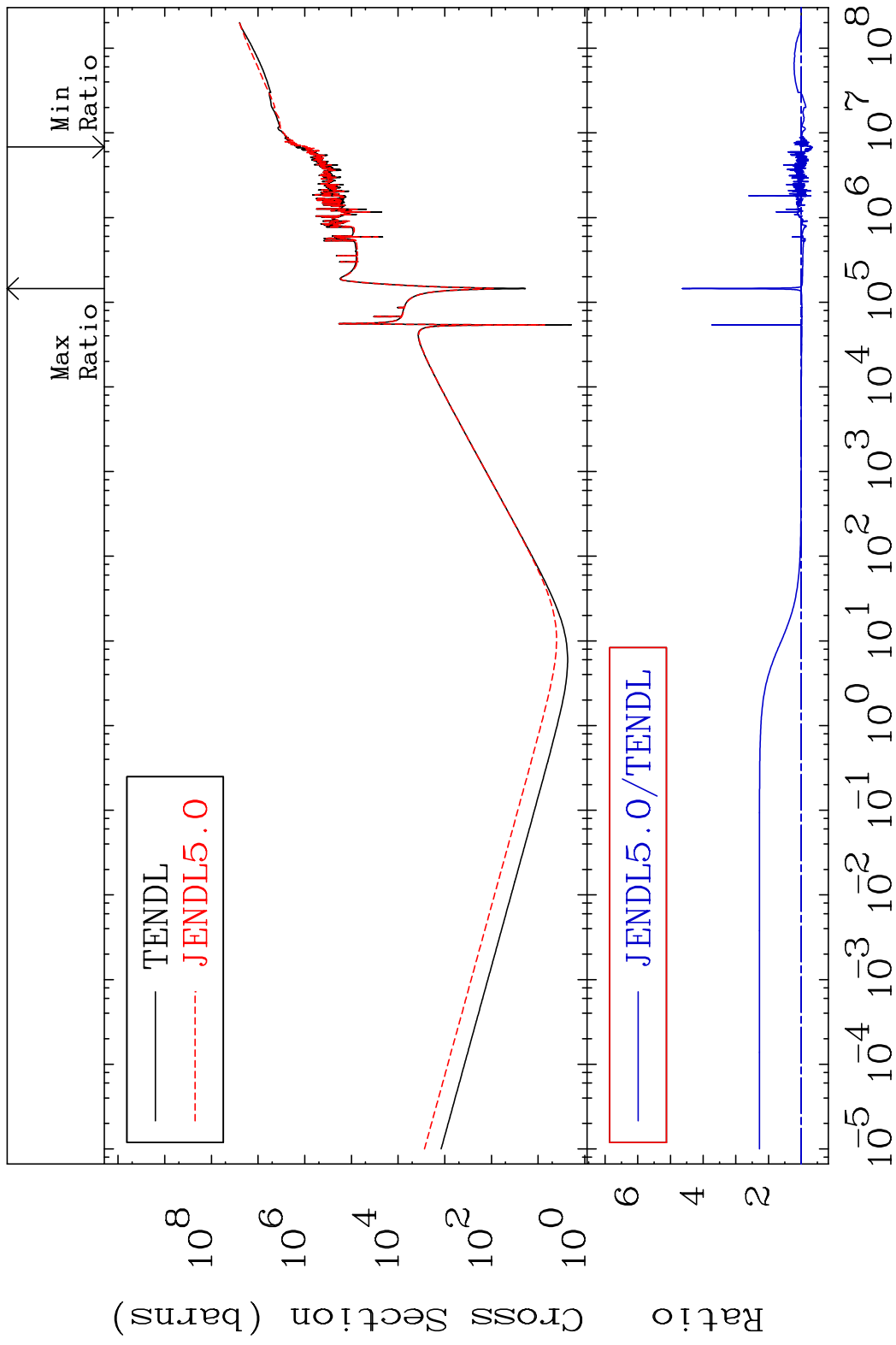


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Incident Energy (eV)

14-Si-28

MAT 1425 Kerma total (eV-barns) 14-Si-28  
 Cross Section -34.88 To 363.6 %

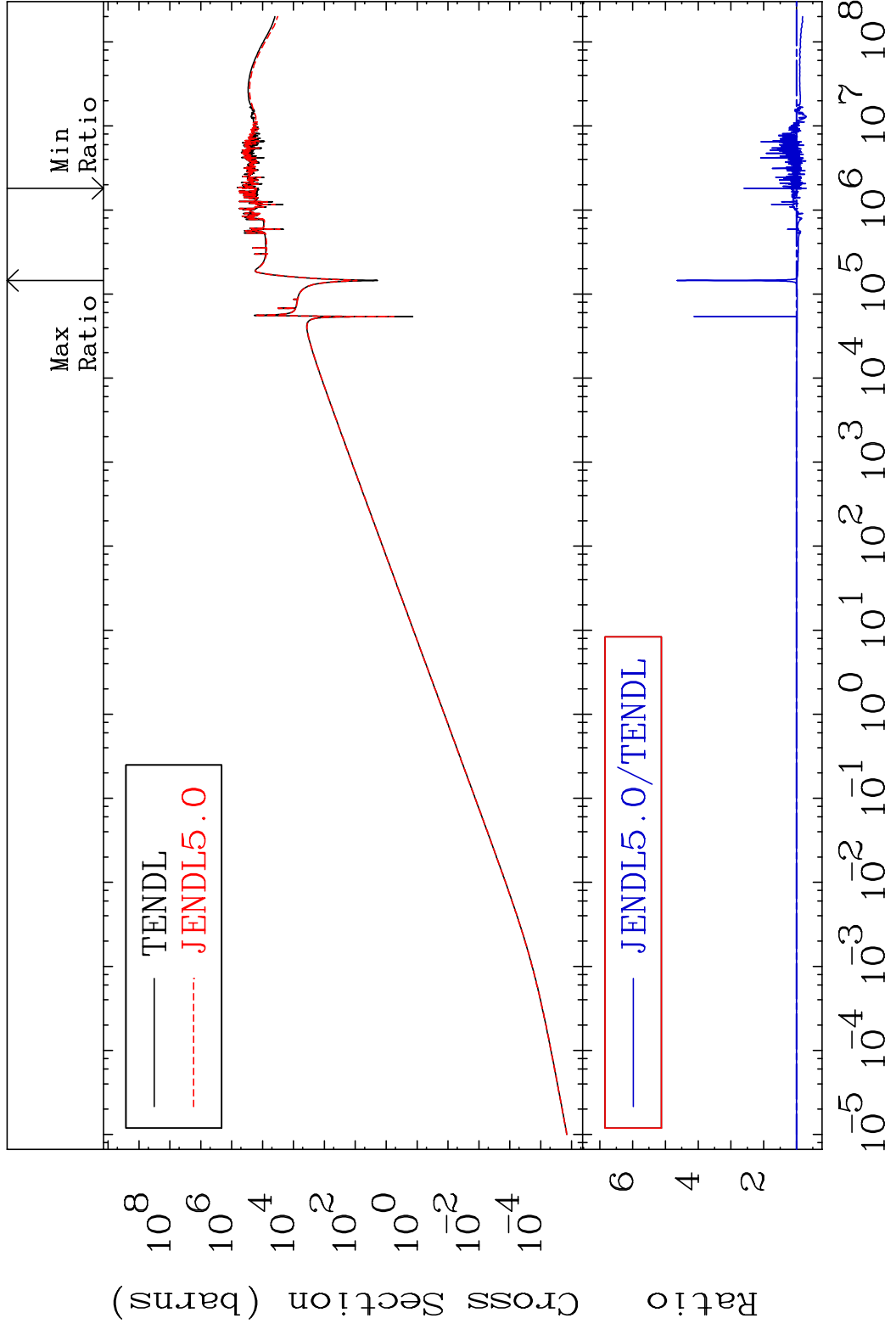


33 Incident Energy (eV) 14-Si-28

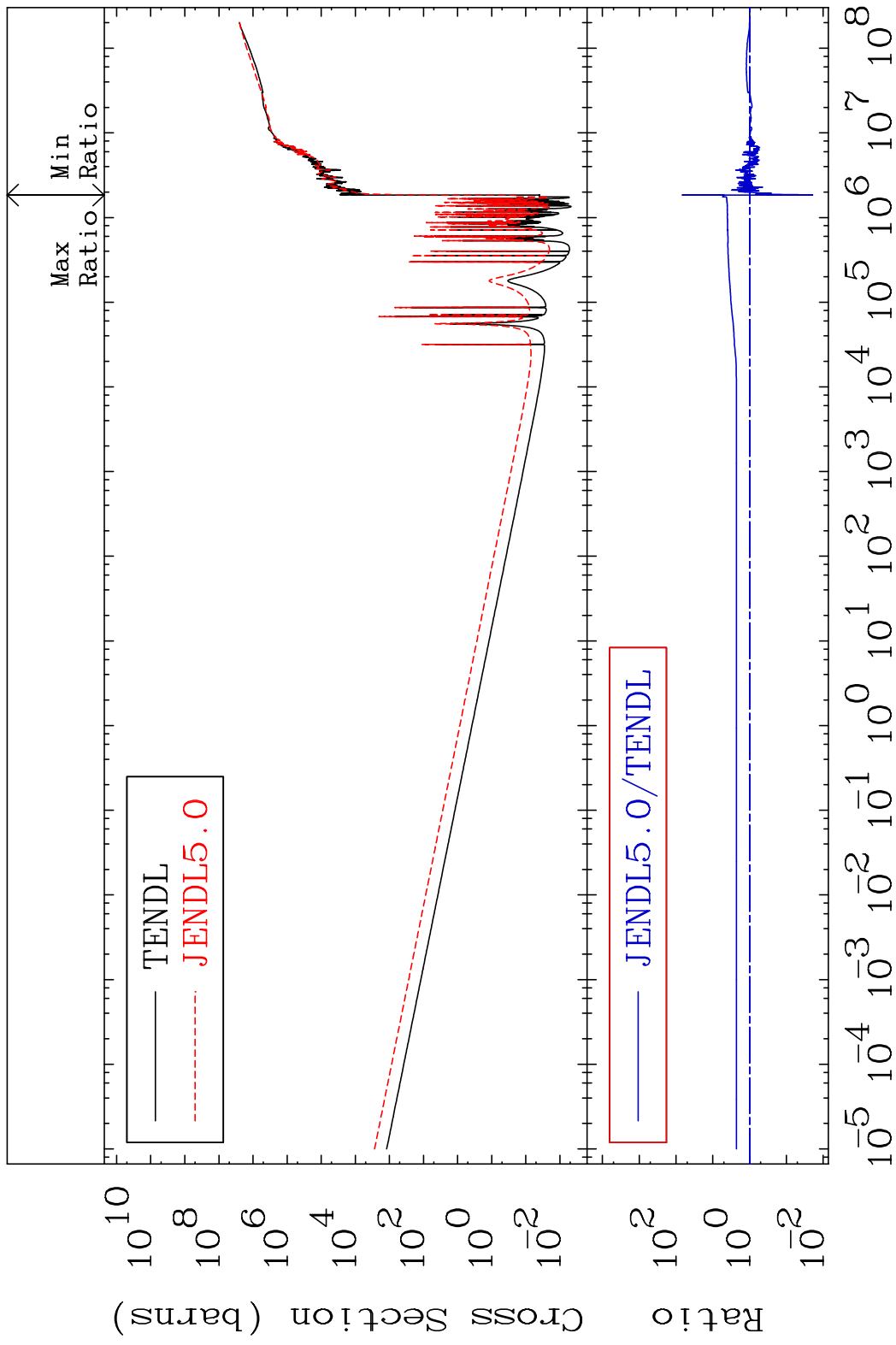
MAT 1425

Kerma elastic  
Cross Section

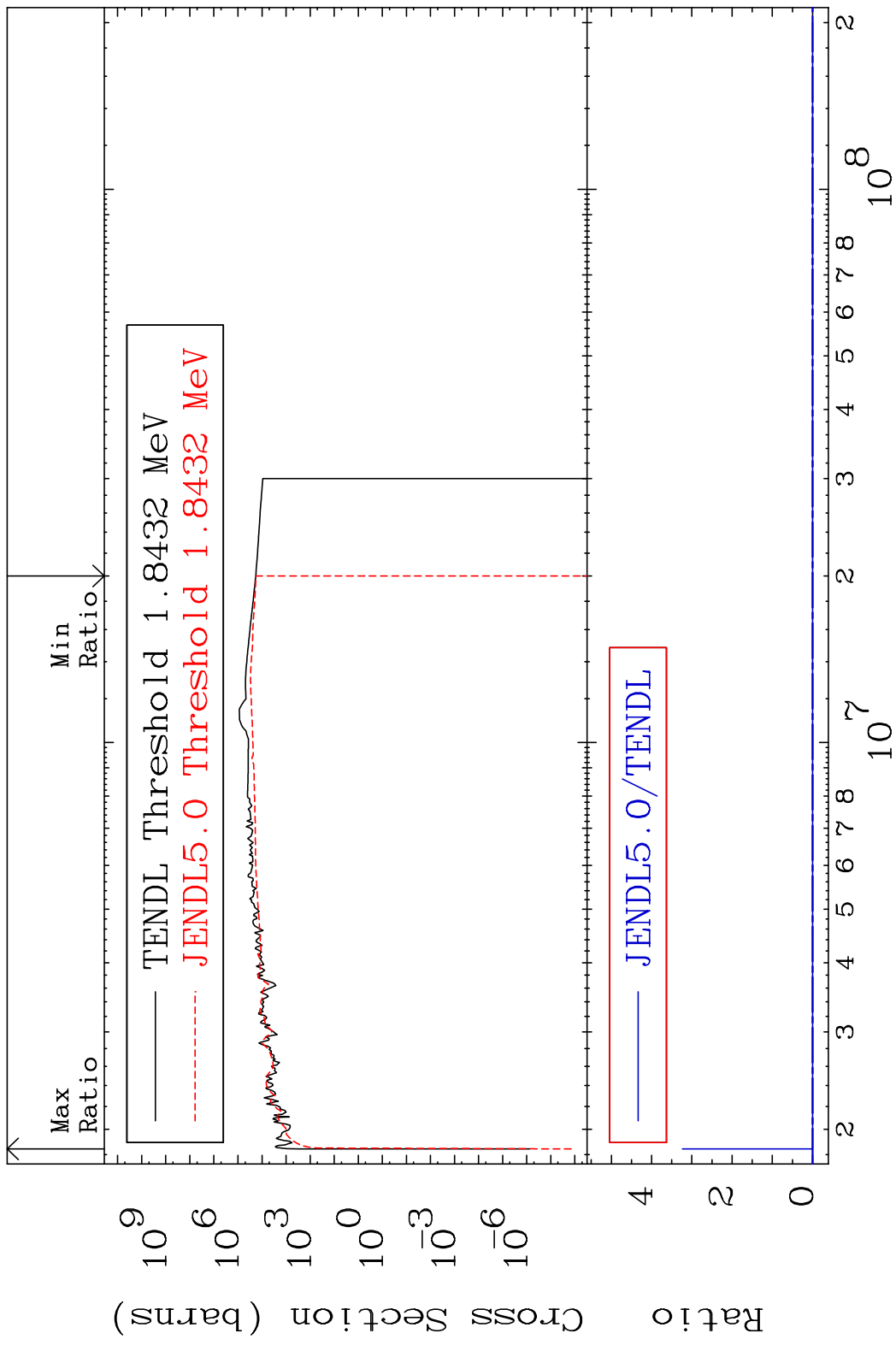
14-Si-28  
-30.18 To 364.1 %



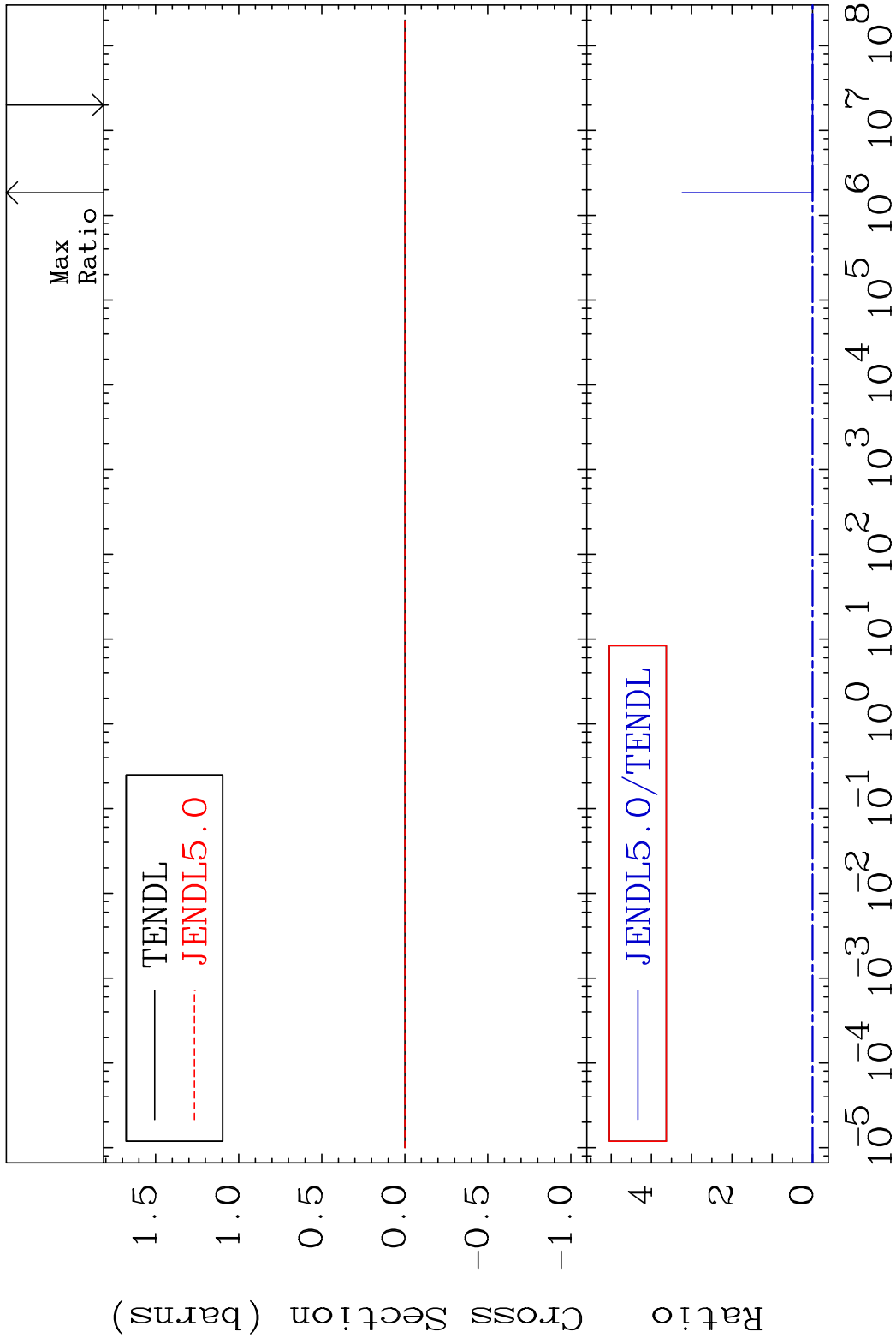
MAT 1425 Kerma non-elastic (all but mt2) 14-Si-28  
 Cross Section -98.06 To 6622. %



MAT 1425 Kerma inelastic (mt51-91) 14-Si-28  
 Cross Section -100.0 To 9999. %



MAT 1425 Kerma fission (mt18 or mt19-20-21-38) 14-Si-28  
 Cross Section -100.0 To 9999. %

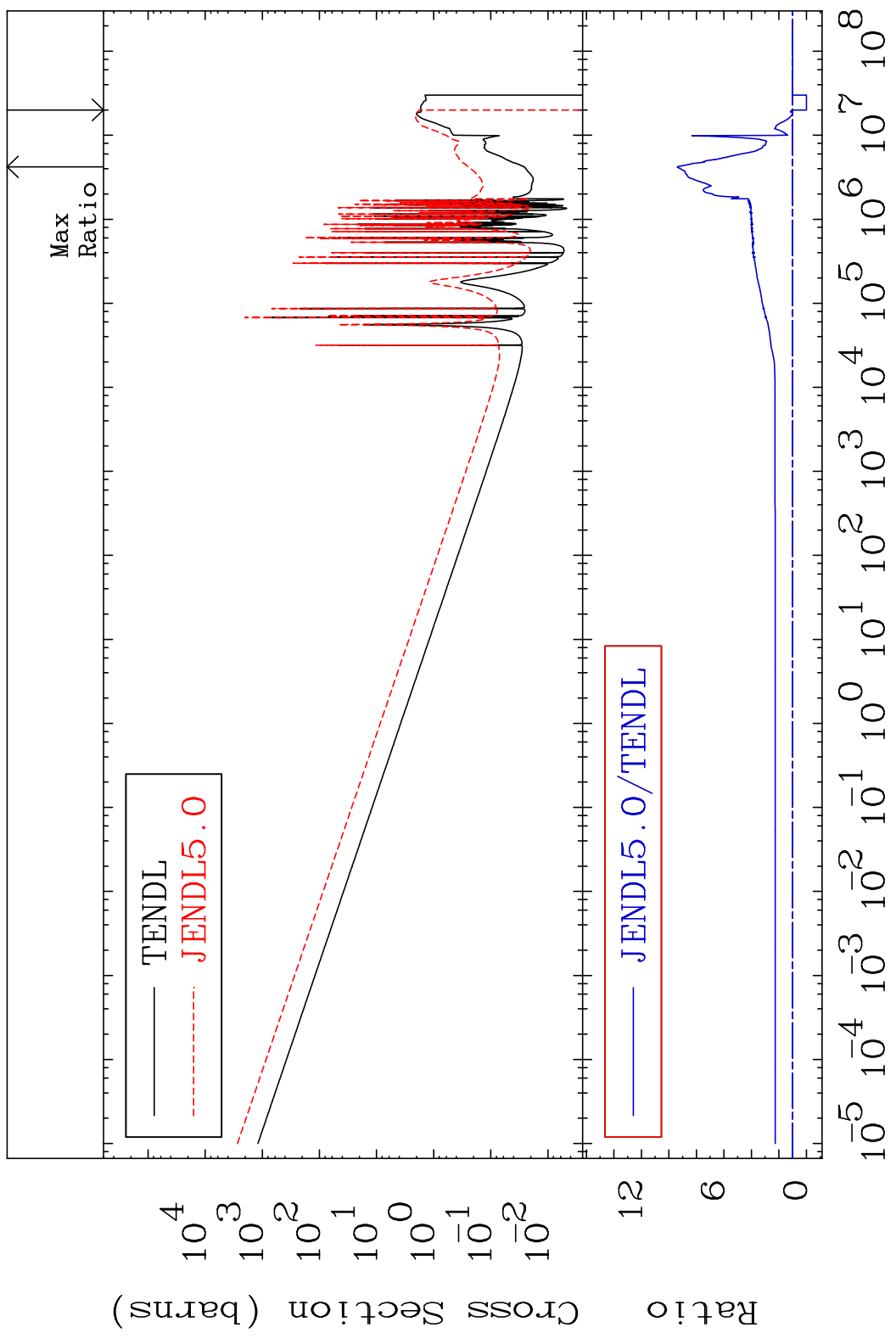


MAT 1425

Kerma capture (mt102)

14-Si-28

Cross Section -100.0 To 839.5 %



38

Incident Energy (eV)

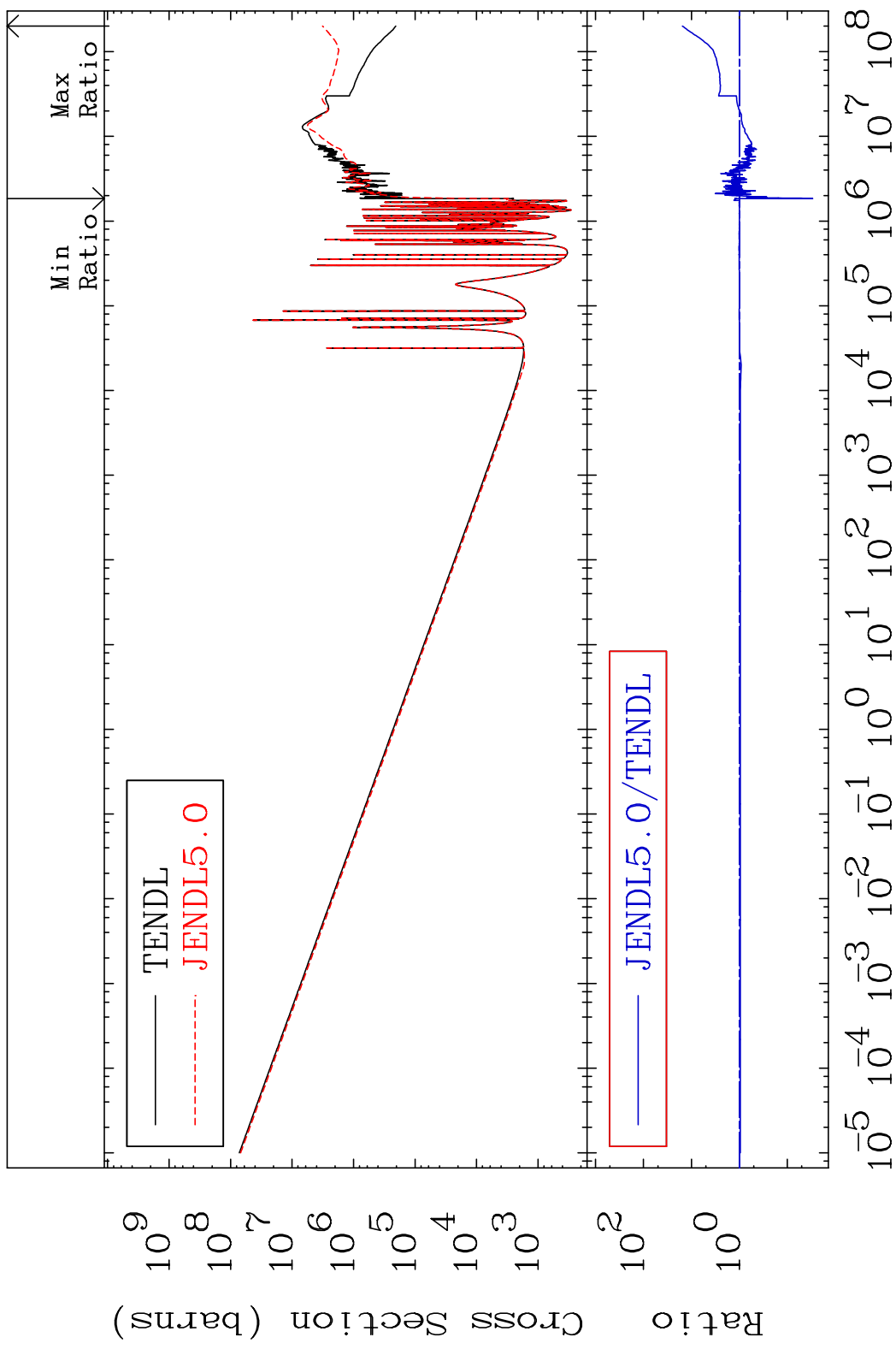
14-Si-28

MAT 1425

Total photon (eV-barns)

14-Si-28

Cross Section -97.03 To 1445. %

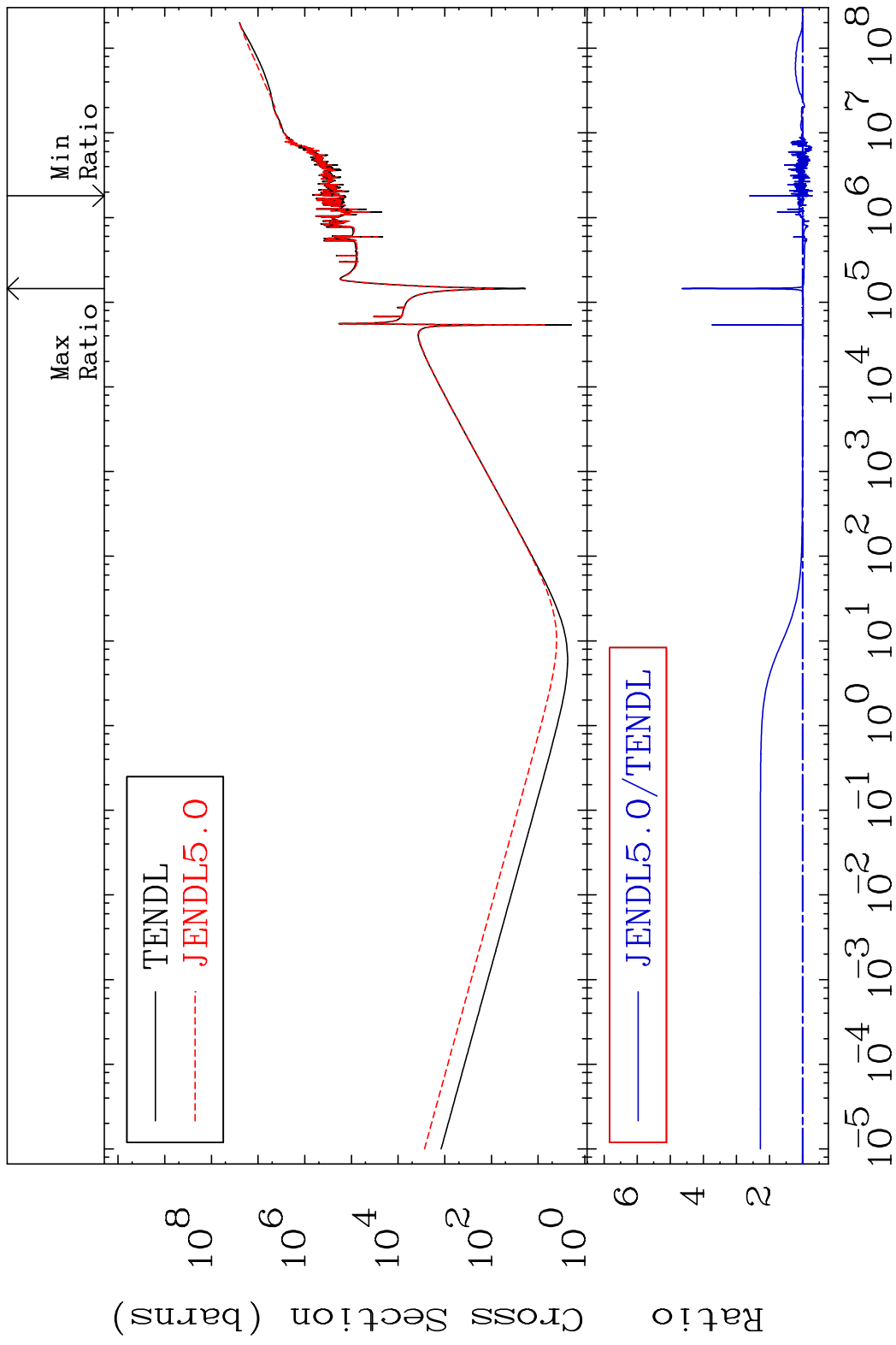


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Incident Energy (eV)

14-Si-28

MAT 1425 Total kinematic kerma (high limit) 14-Si-28  
Cross Section -30.18 To 363.6 %



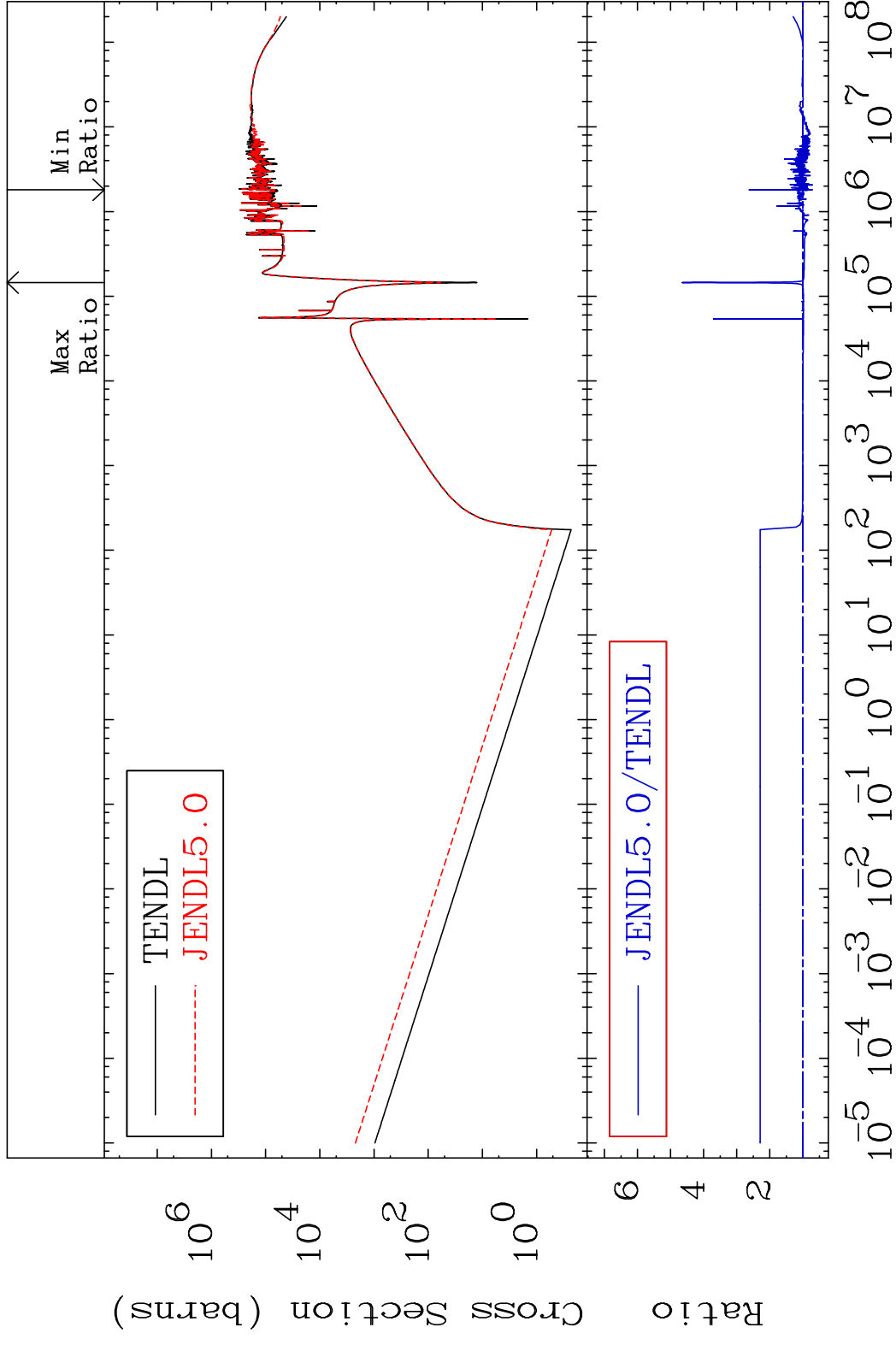
40 Incident Energy (eV) 14-Si-28

MAT 1425

Dpa total (eV-barns)

14-Si-28

Cross Section -29.41 To 364.3 %

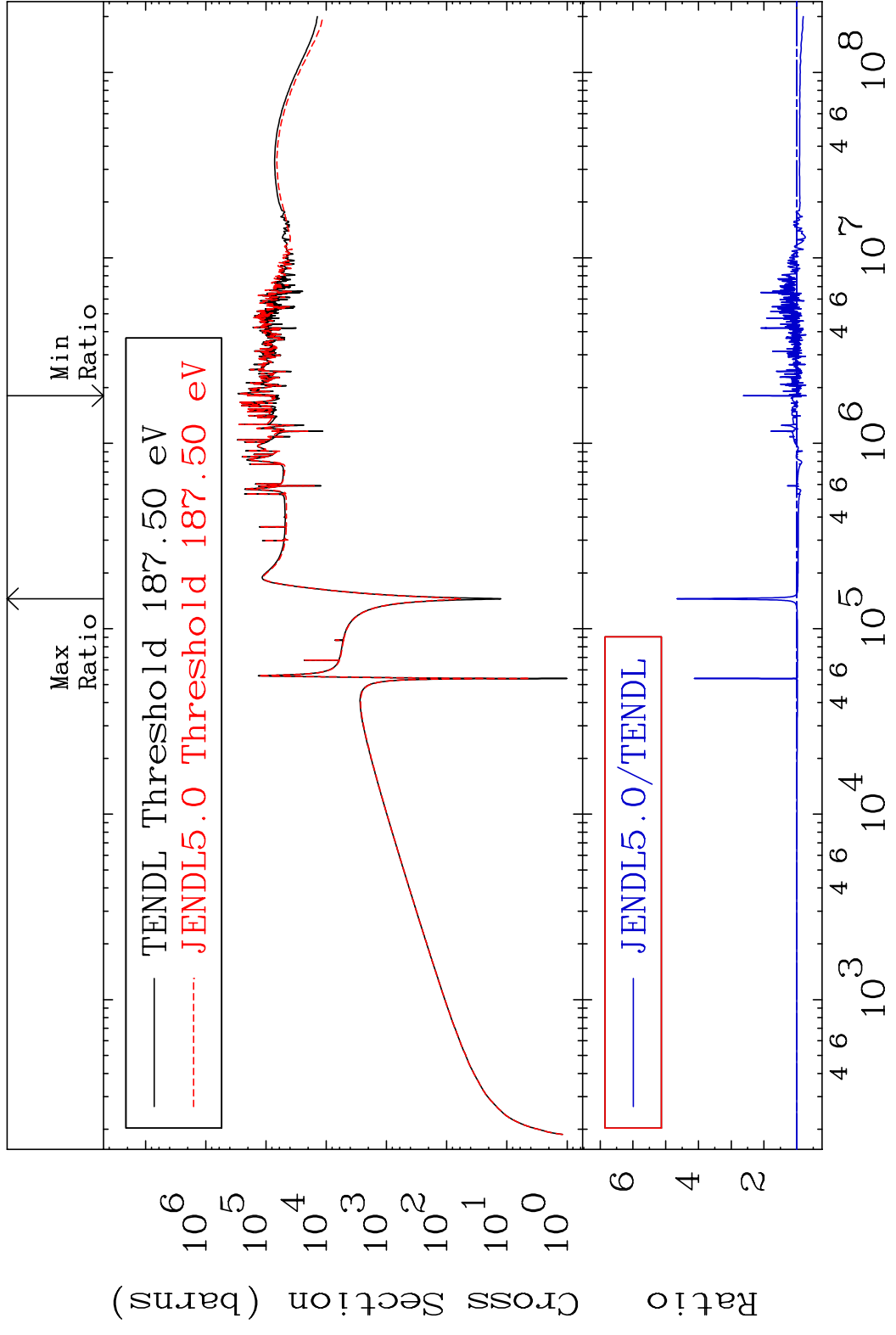


41

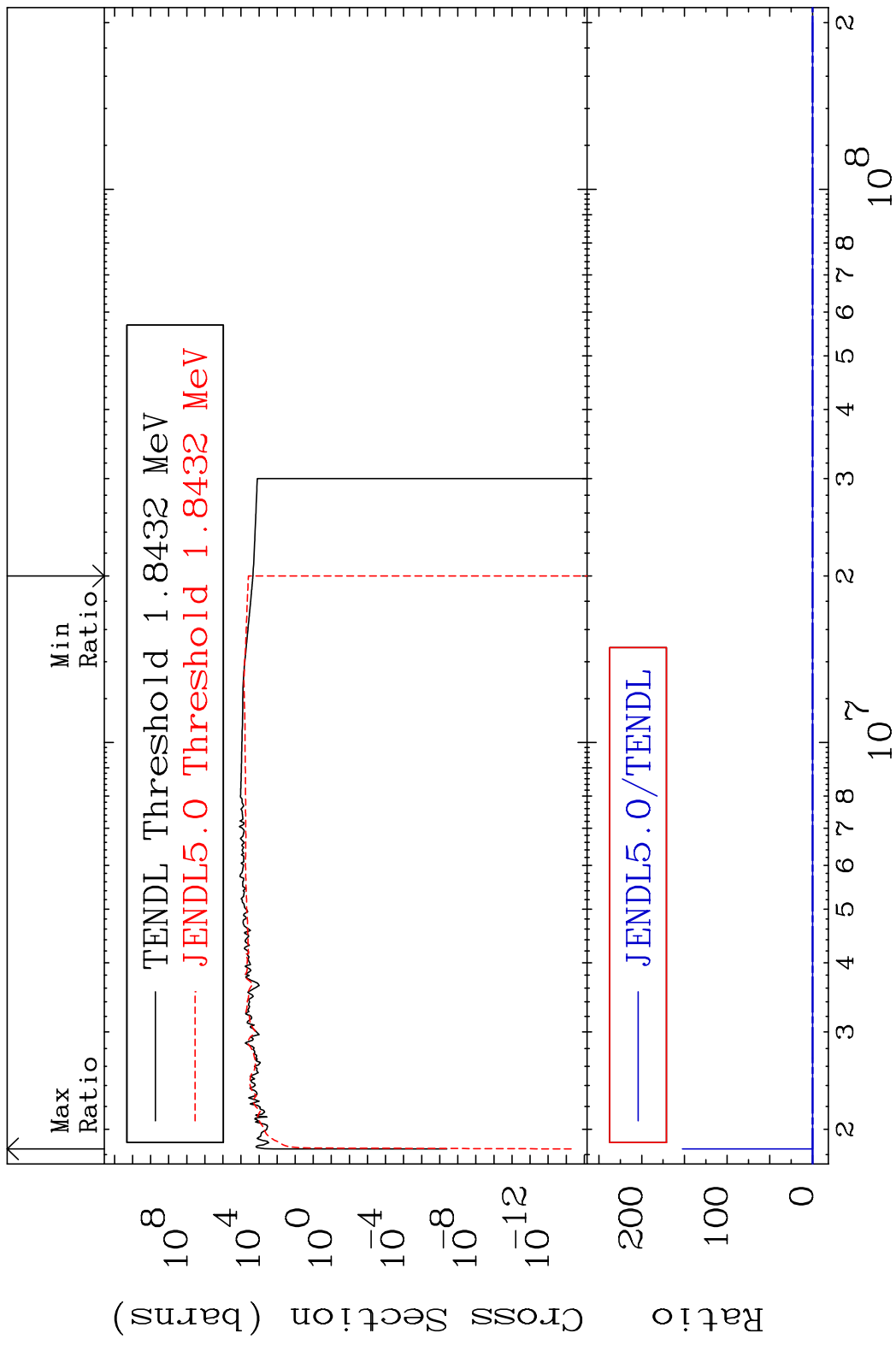
Incident Energy (eV)

14-Si-28

MAT 1425 Dpa elastic (mt2) 14-Si-28  
 Cross Section -29.41 To 365.0 %

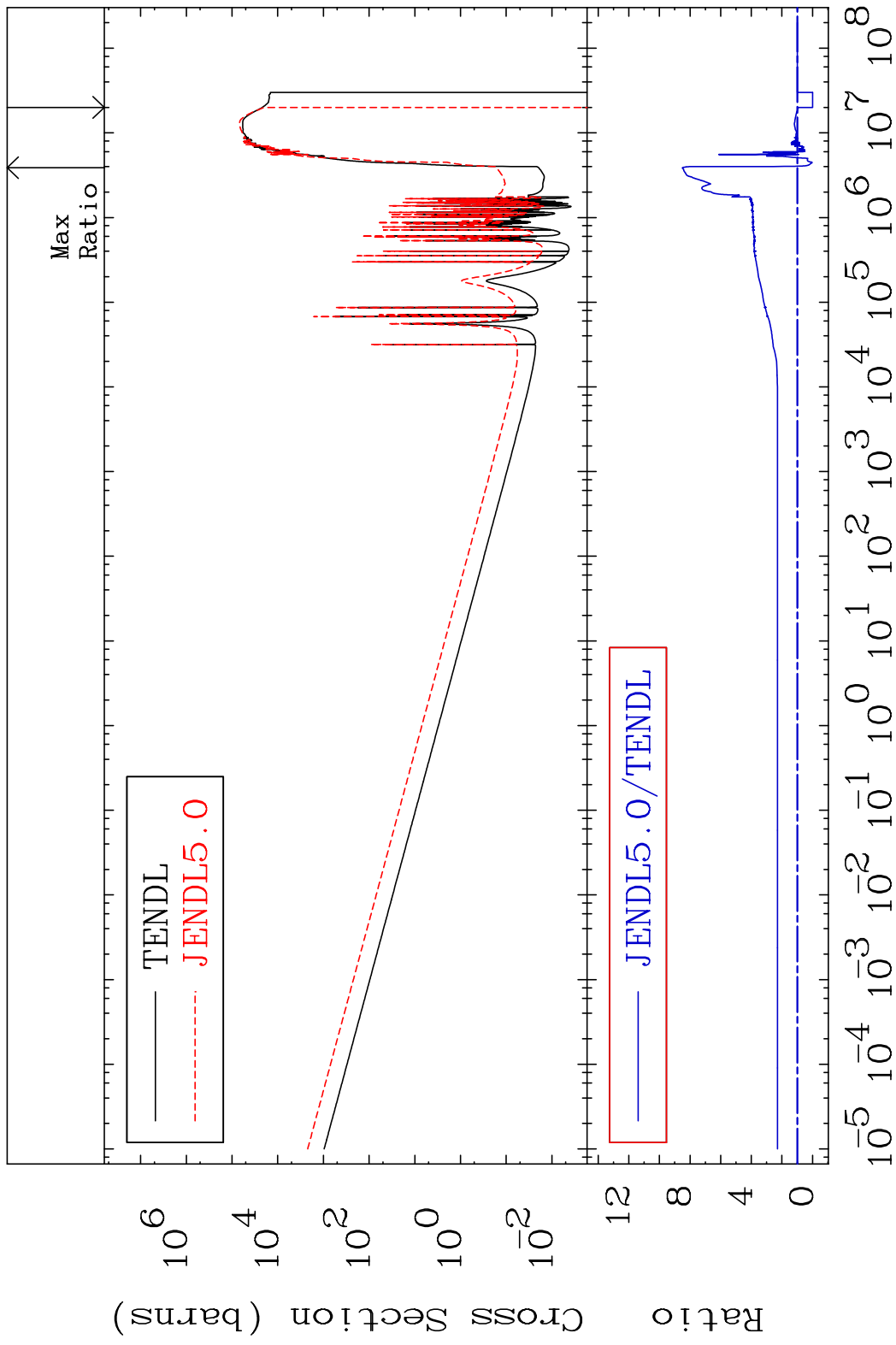


MAT 1425 Dpa inelastic (mt51-91) 14-Si-28  
 Cross Section -100.0 To 9999. %



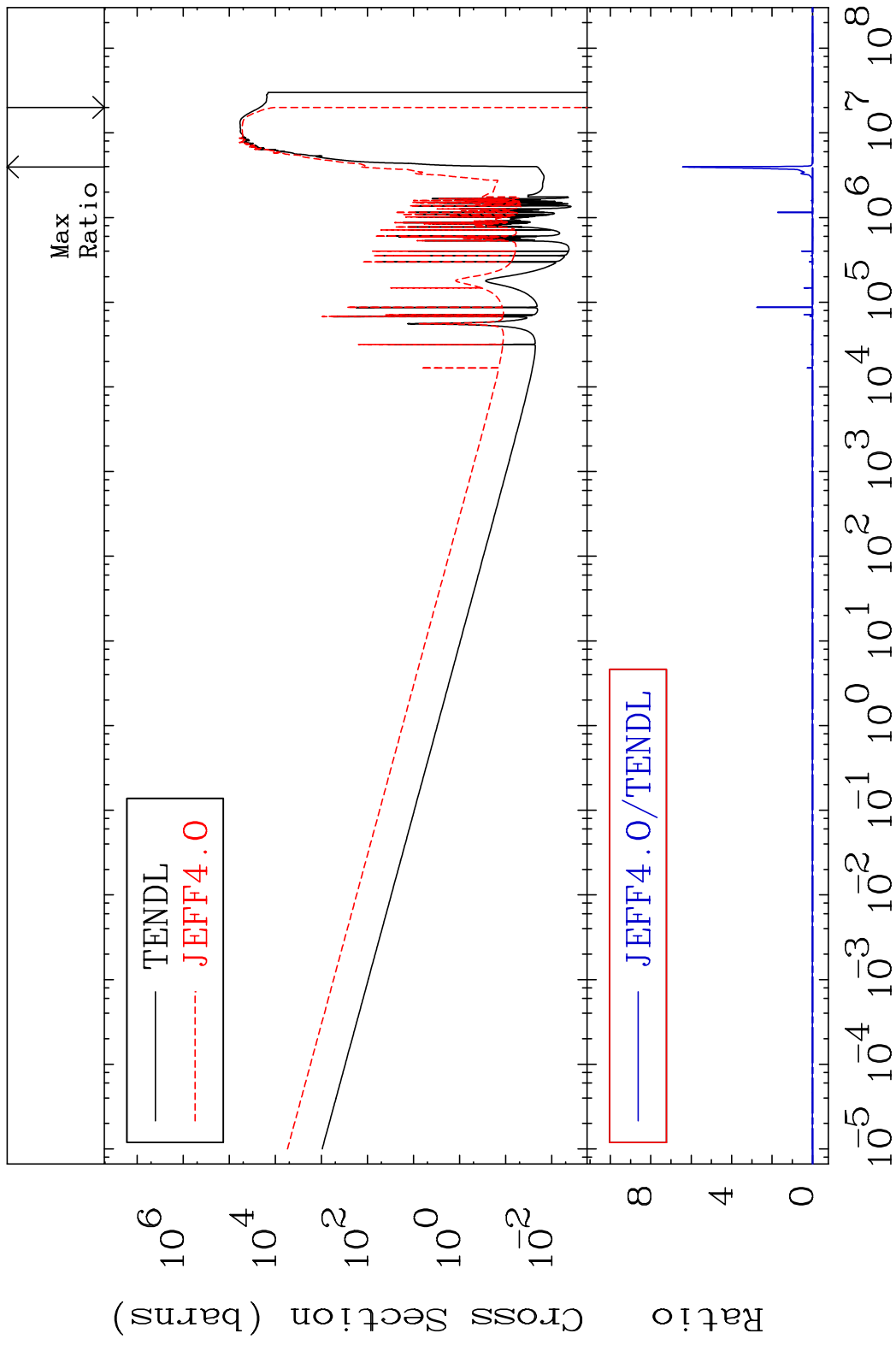
43 Incident Energy (eV) 14-Si-28

MAT 1425 Dpa disappearance (mt102 -120) 14-Si-28  
 Cross Section -100.0 To 750.3 %



44 Incident Energy (eV) 14-Si-28

MAT 1425 Dpa disappearance (mt102 -120) 14-Si-28  
 Cross Section -100.0 To 9999. %



45 Incident Energy (eV) 14-Si-28