

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

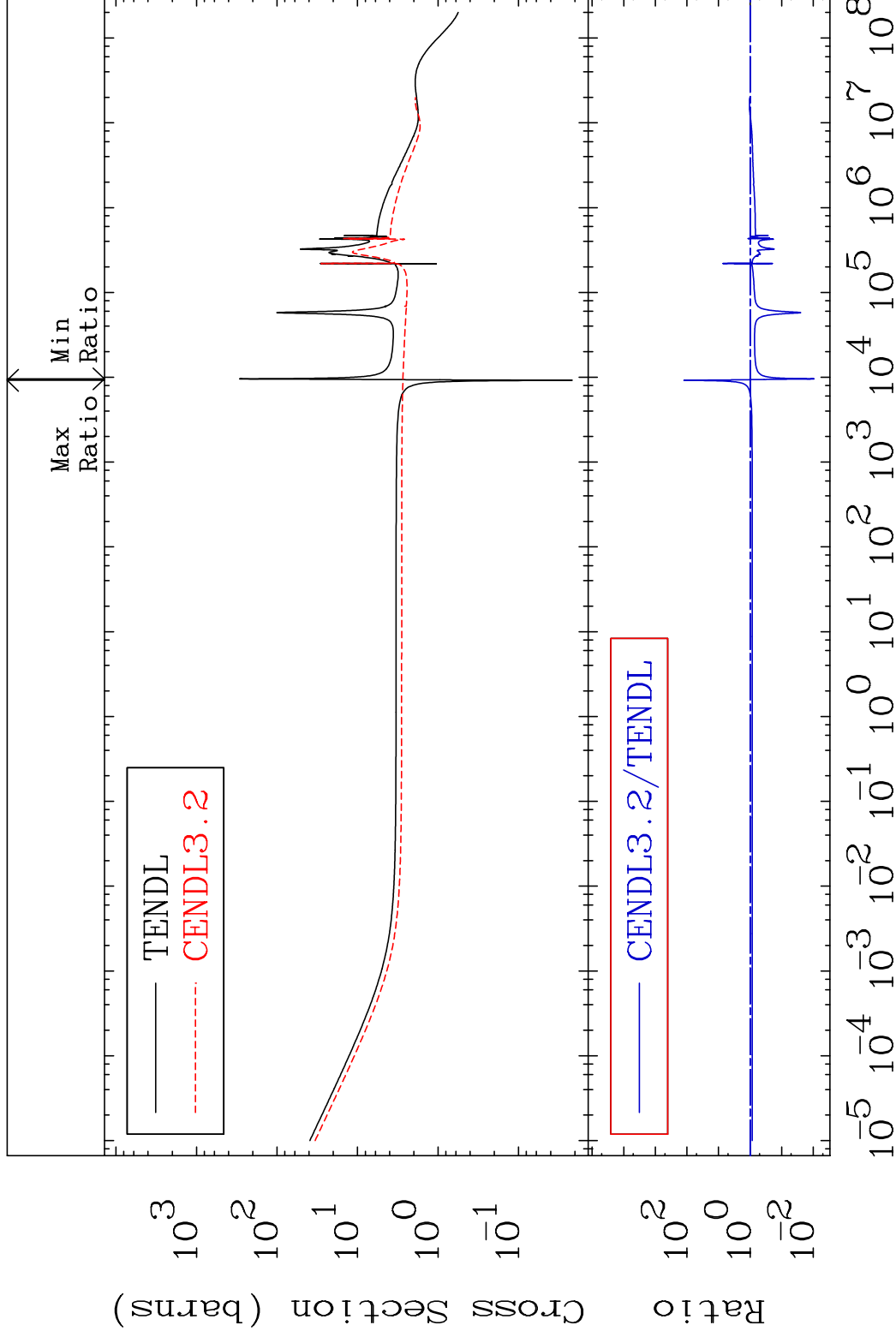
MAT 1231

Total

12-Mg-26

Cross Section

-99.06 To 9999. %



1

Incident Energy (eV)

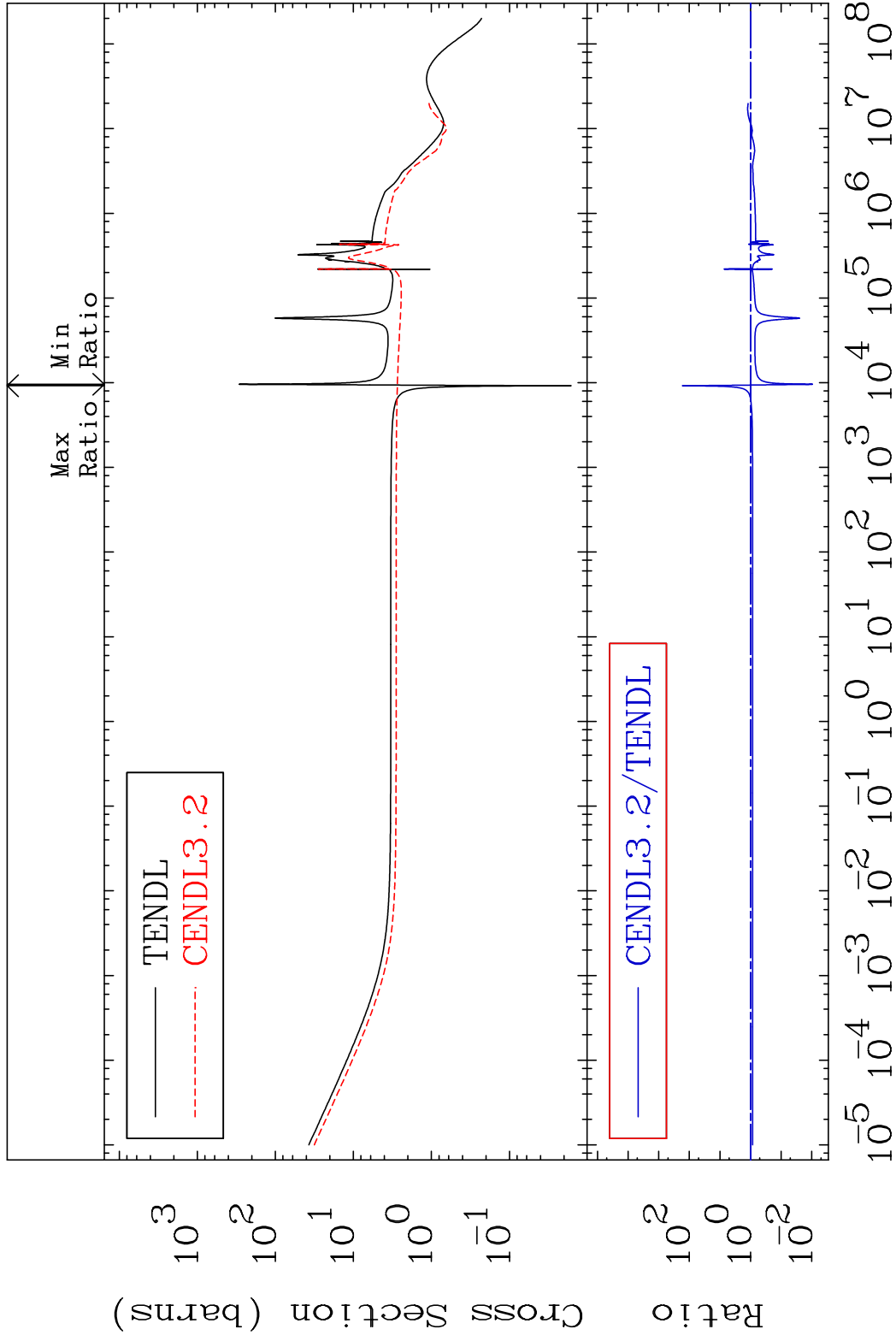
12-Mg-26

MAT 1231

Elastic

12-Mg-26

Cross Section -99.06 To 9999. %



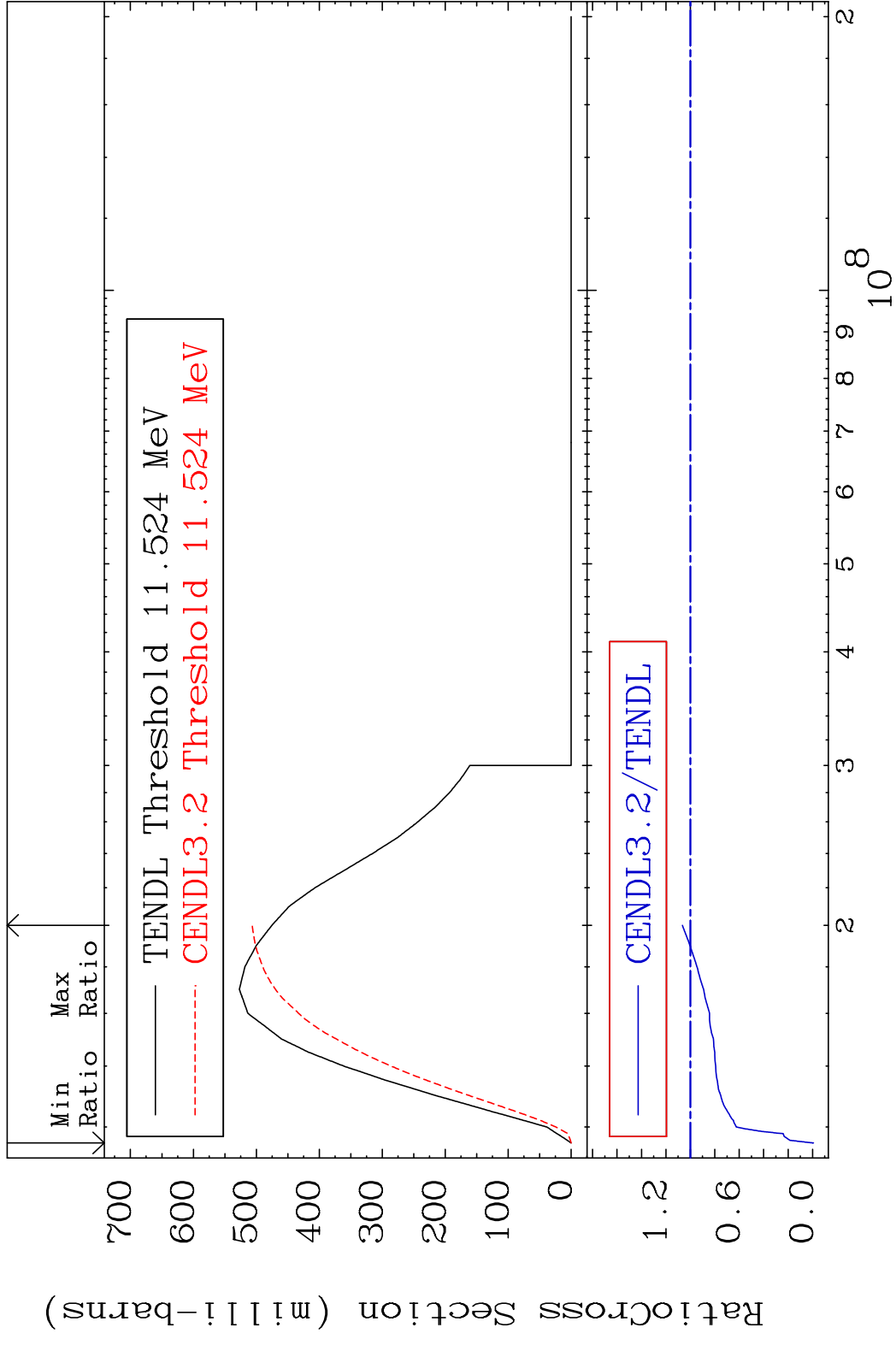
2

Incident Energy (eV)

12-Mg-26



MAT 1231 (n,2n) 12-Mg-26  
 Cross Section -100.0 To 6.536 %

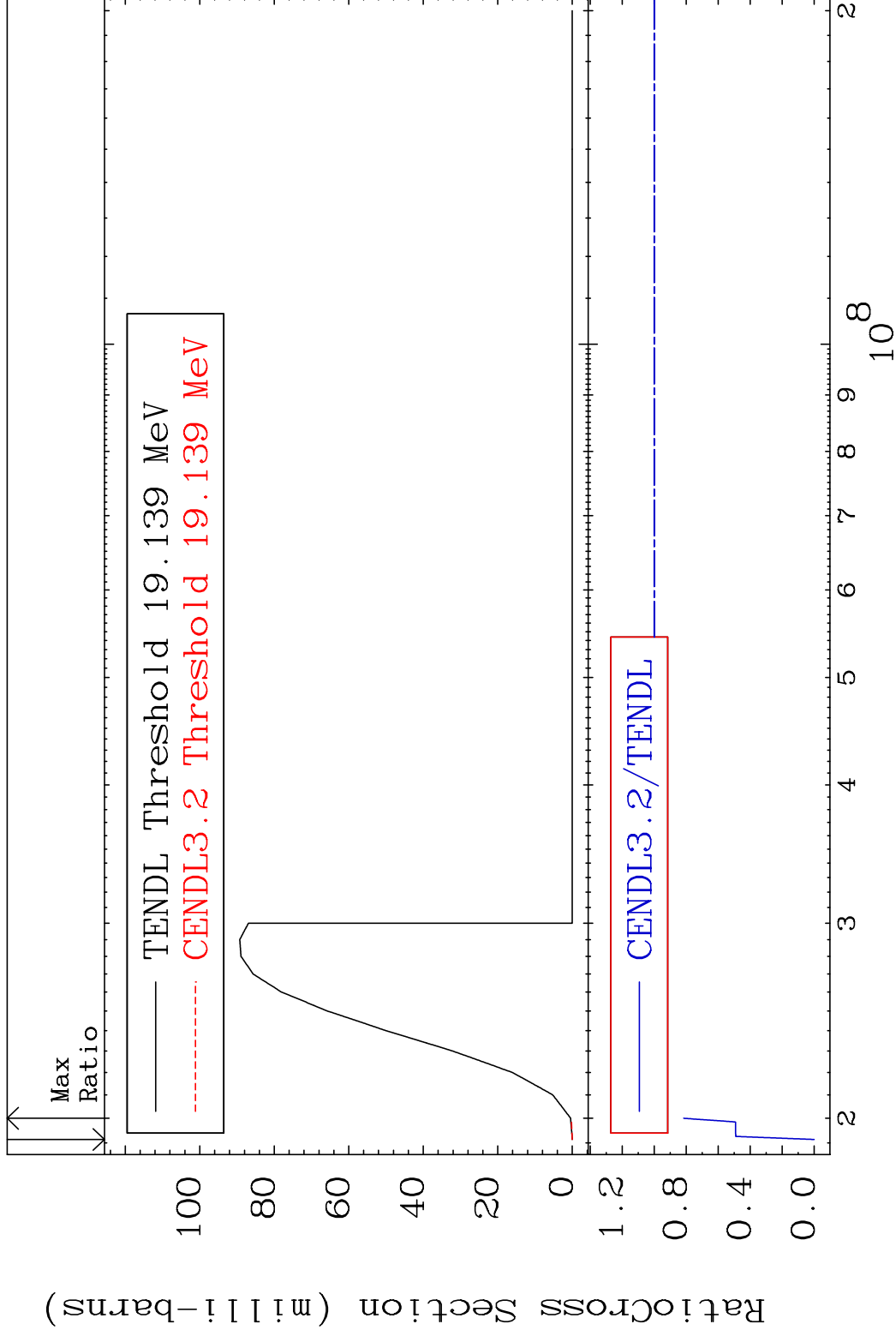


MAT 1231

(n,3n)

<sup>12</sup>Mg-26

Cross Section -100.0 To -18.45%



5

Incident Energy (eV)

<sup>12</sup>Mg-26

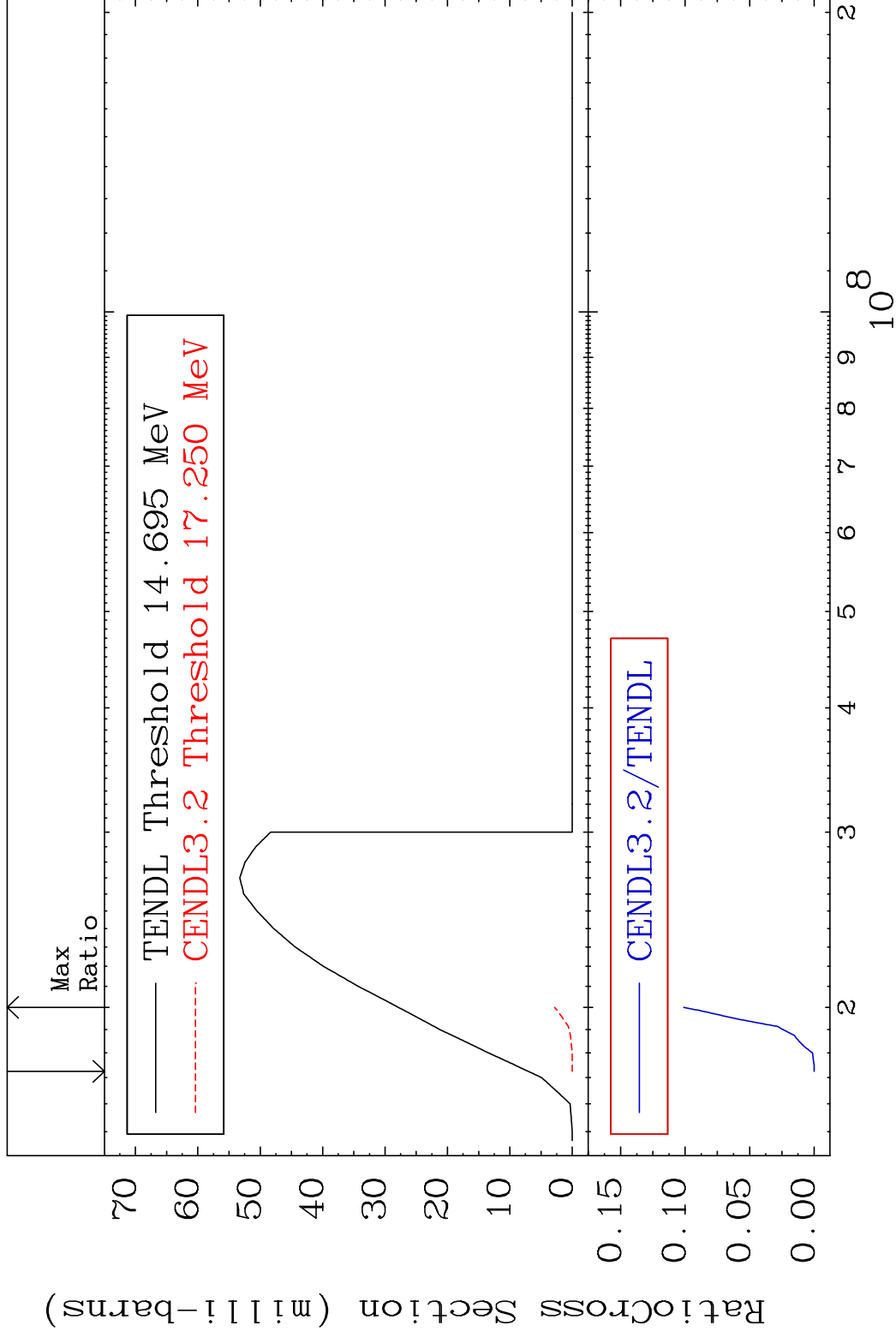


MAT 1231

(n, n') p

<sup>12</sup>Mg-26

Cross Section -100.0 To -89.89%

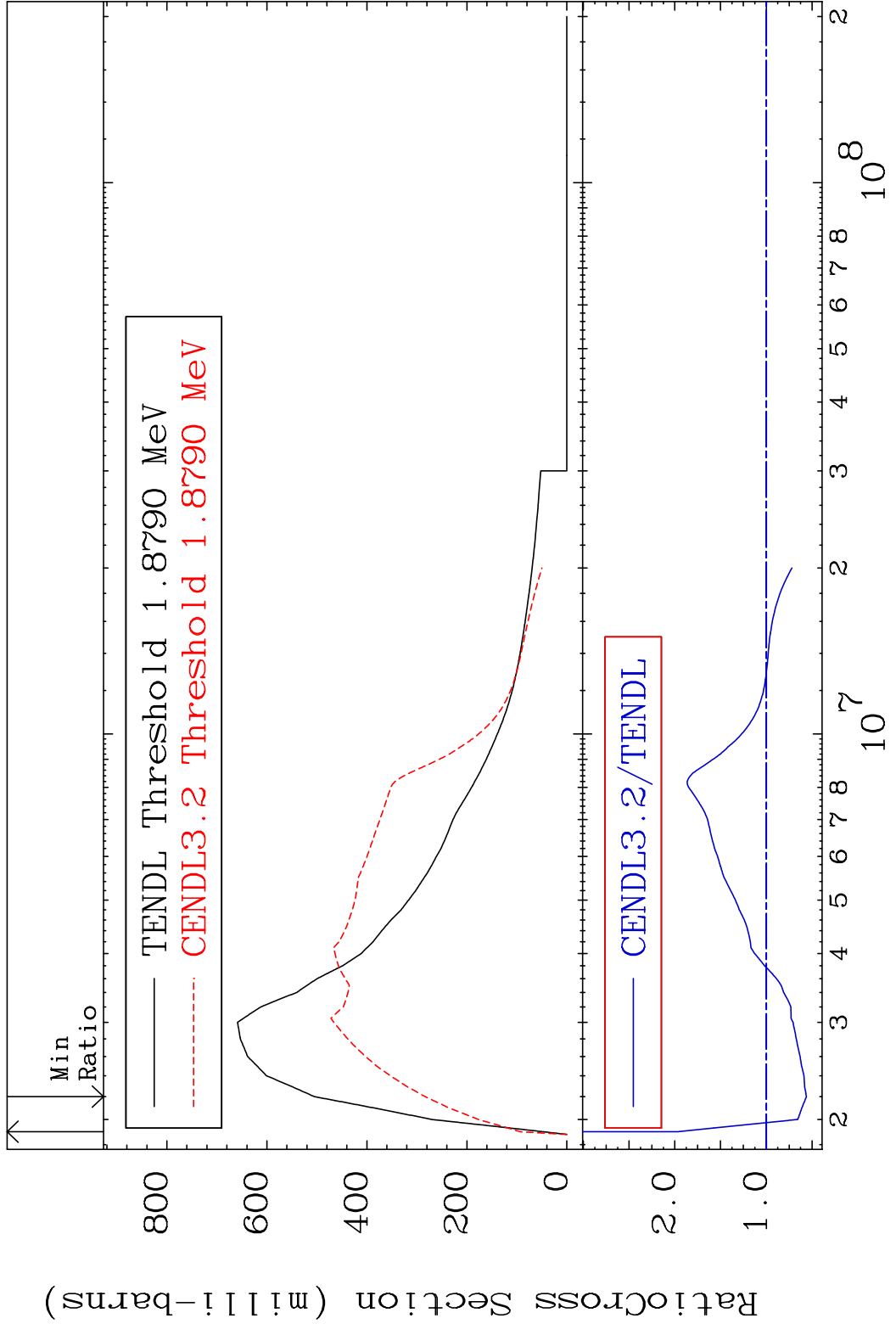


7

Incident Energy (eV)

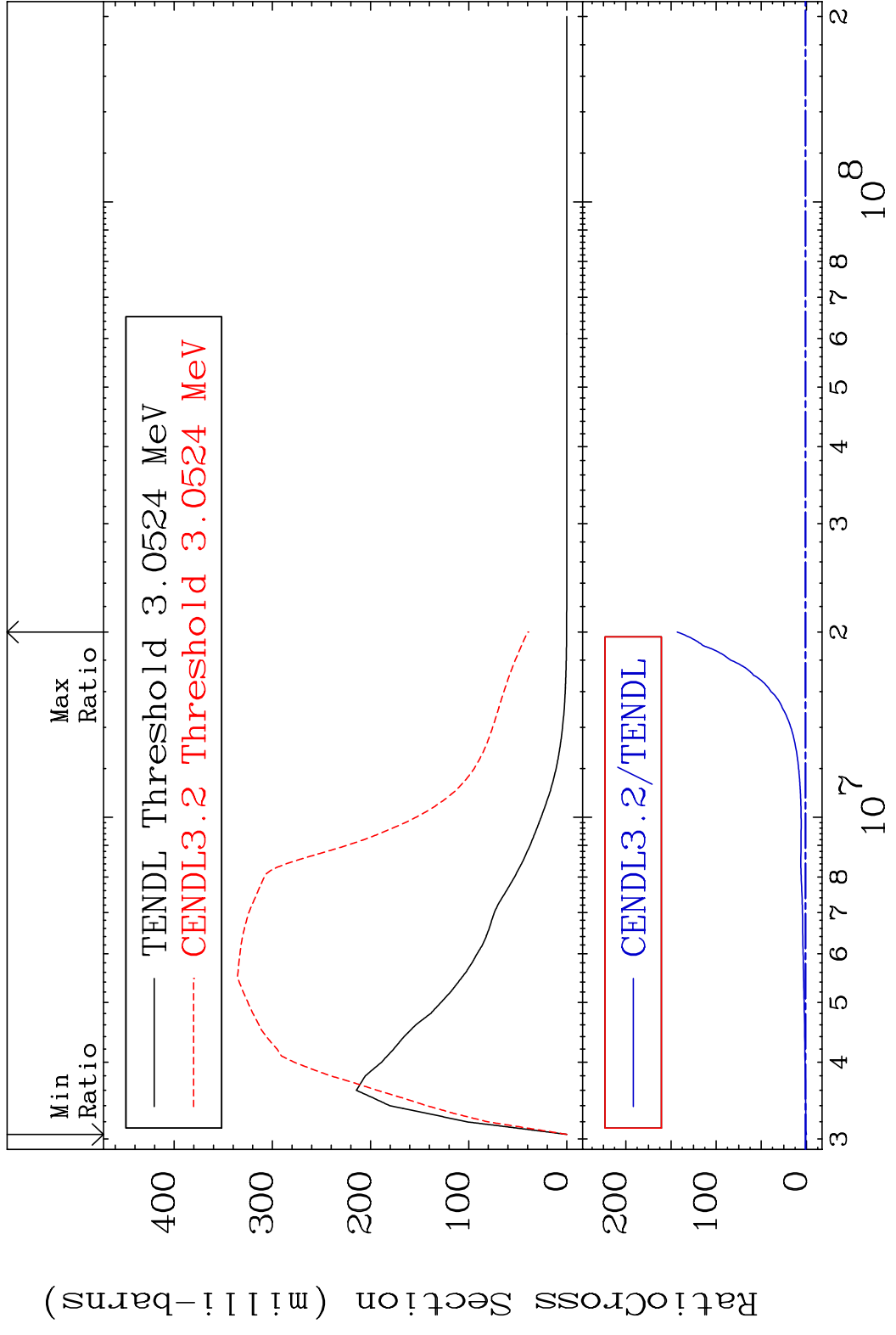
<sup>12</sup>Mg-26

MAT 1231 MT= 51 (n, n') Level 12-Mg-26  
 Cross Section -43.86 To 97.42 %

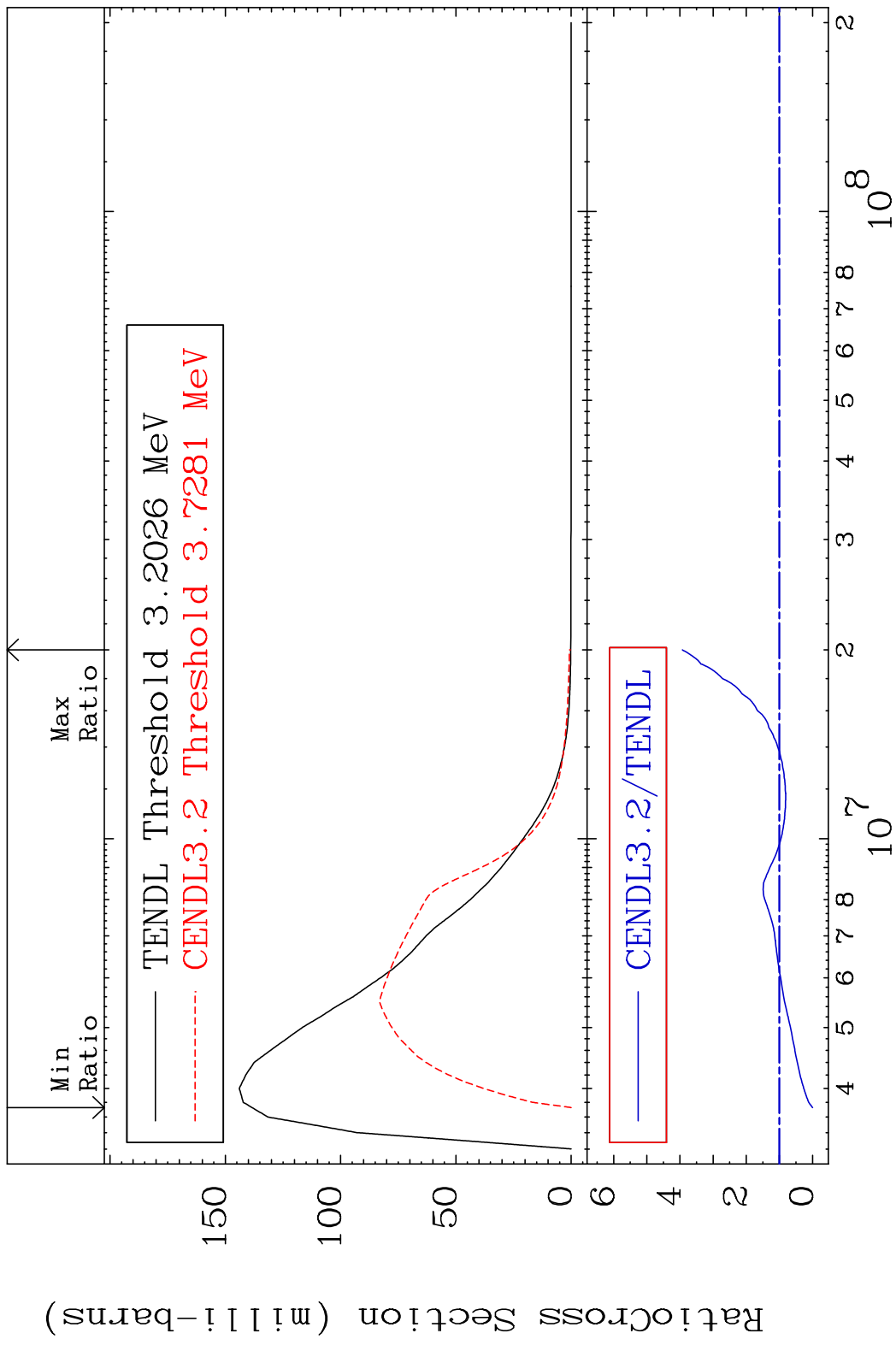


8 Incident Energy (eV) 12-Mg-26

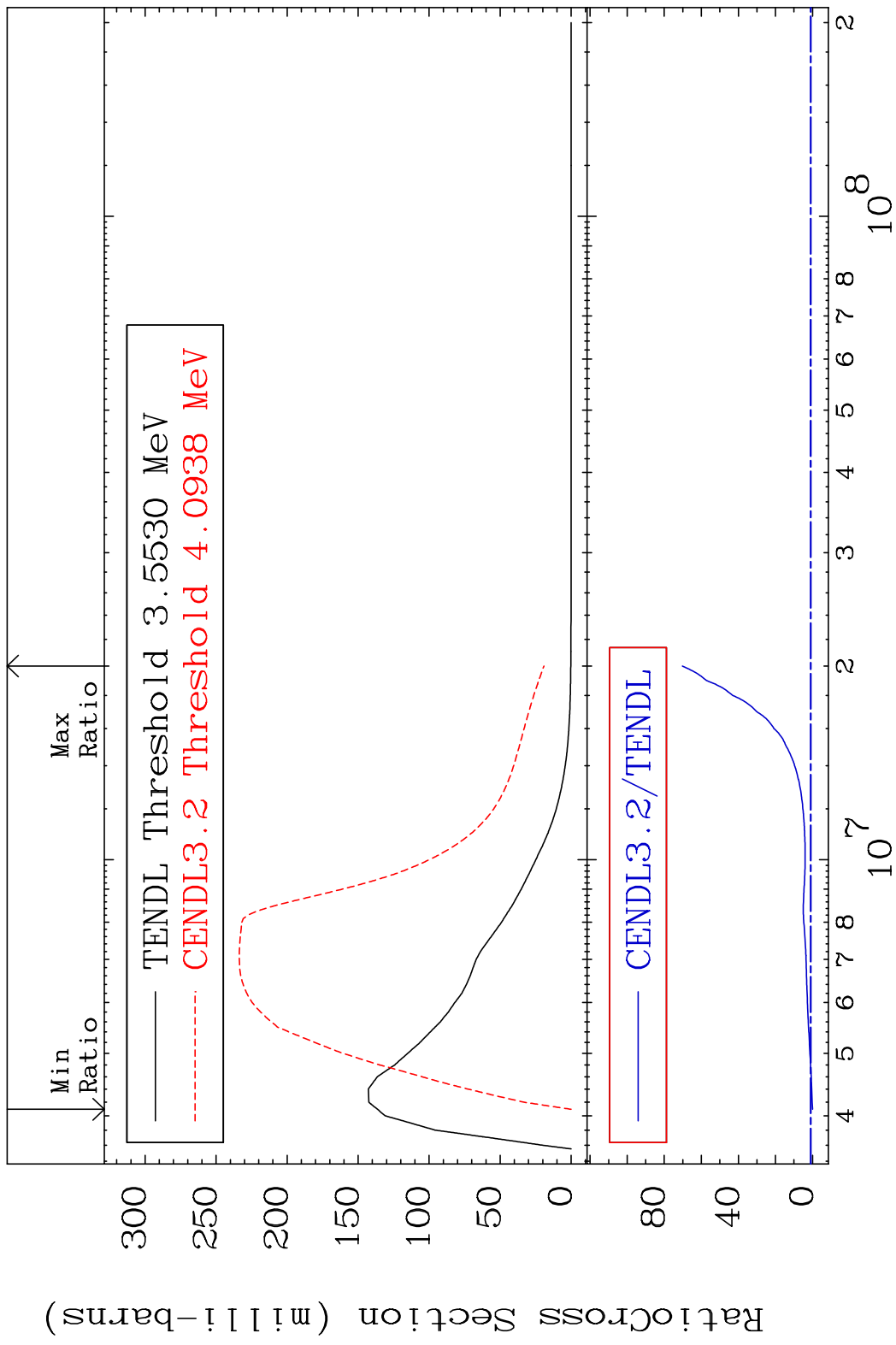
MAT 1231 MT= 52 (n, n') Level 12-Mg-26  
 Cross Section -100.0 To 9999. %



MAT 1231 MT= 53 (n, n') Level 12-Mg-26  
 Cross Section -100.0 To 292.7 %

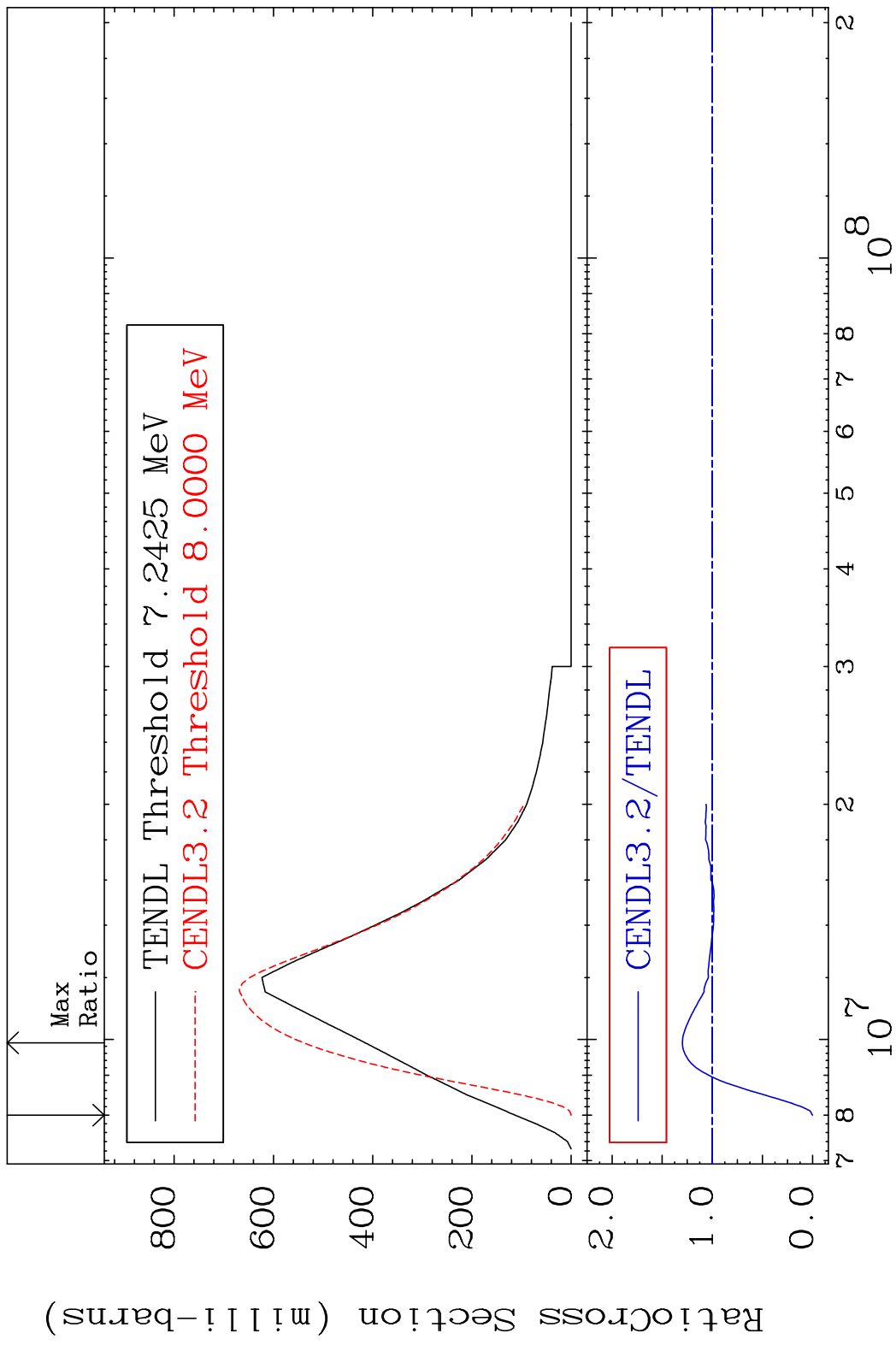


MAT 1231 MT= 54 (n, n') Level 12-Mg-26  
 Cross Section -100.0 To 6923. %



11 Incident Energy (eV) 12-Mg-26

MAT 1231 (n,n') Continuum 12-Mg-26  
 Cross Section -100.0 To 29.90 %

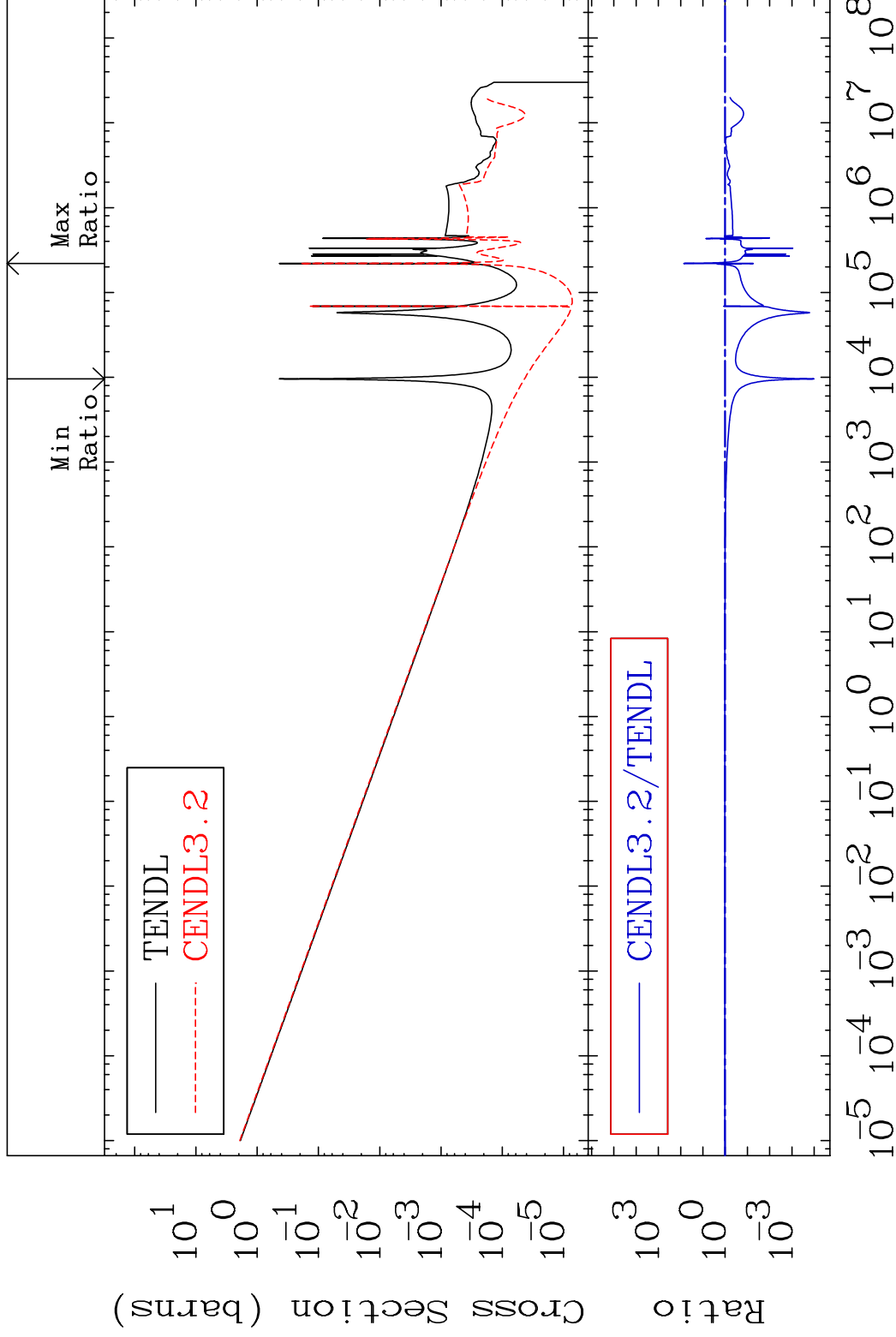


MAT 1231

(n,  $\gamma$ )

12-Mg-26

Cross Section -99.99 To 7200. %



13

Incident Energy (eV)

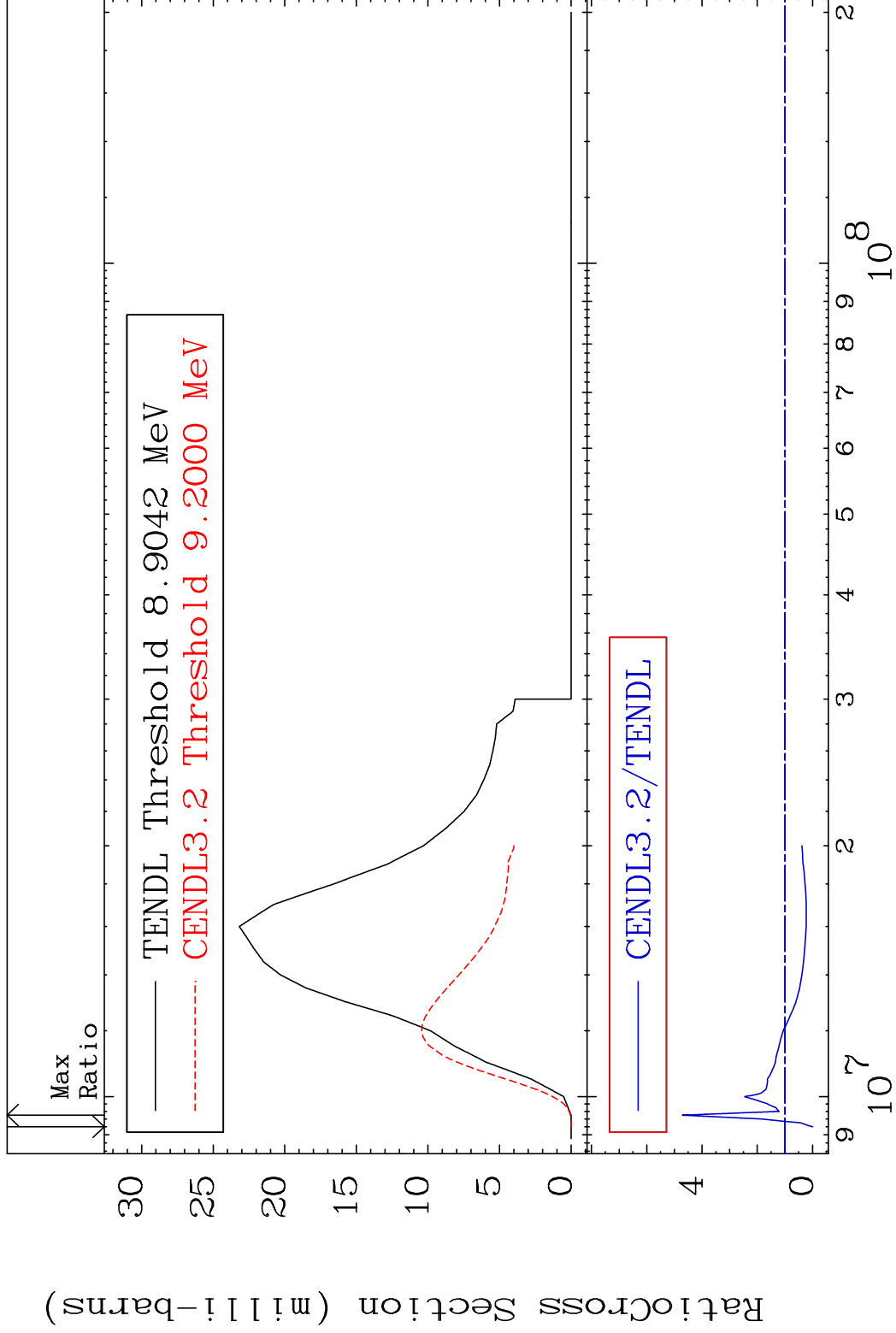
12-Mg-26

MAT 1231

(n,p)

<sup>12</sup>Mg-26

Cross Section -100.0 To 371.1 %

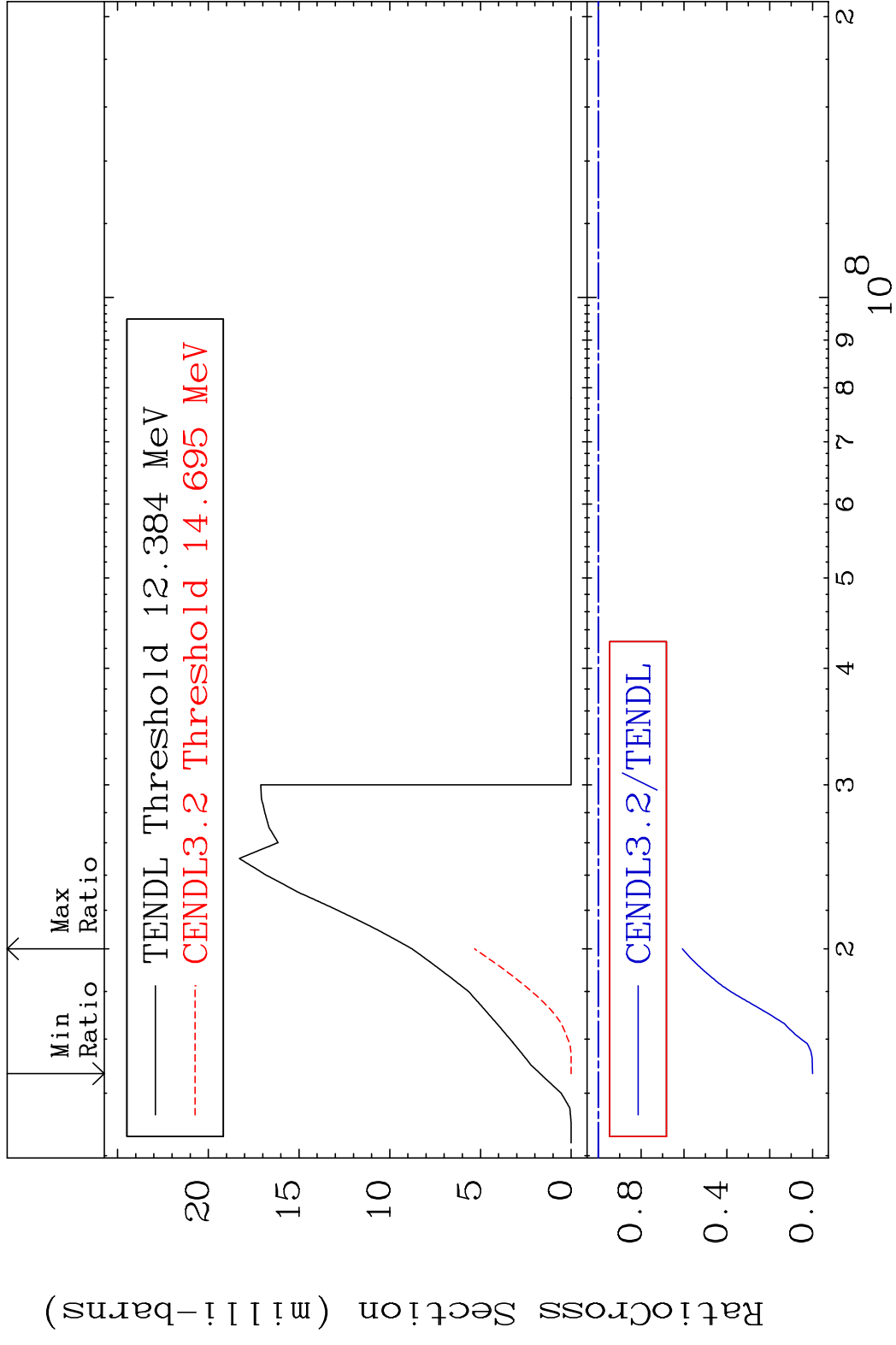


14

Incident Energy (eV)

<sup>12</sup>Mg-26

MAT 1231 (n,d) 12-Mg-26  
 Cross Section -100.0 To -39.26%

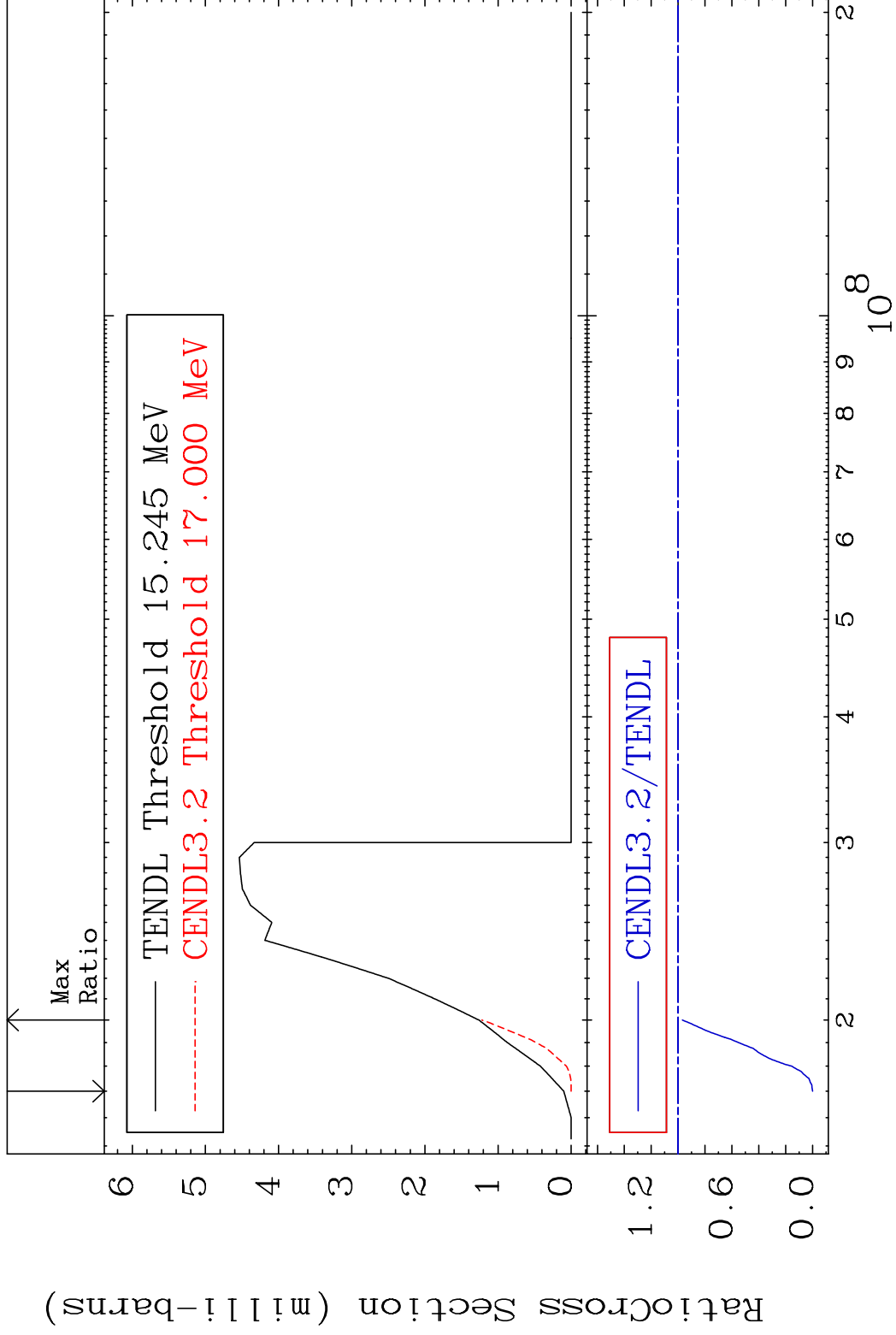


MAT 1231

(n, t)

<sup>12</sup>Mg-26

Cross Section -100.0 To -3.156%

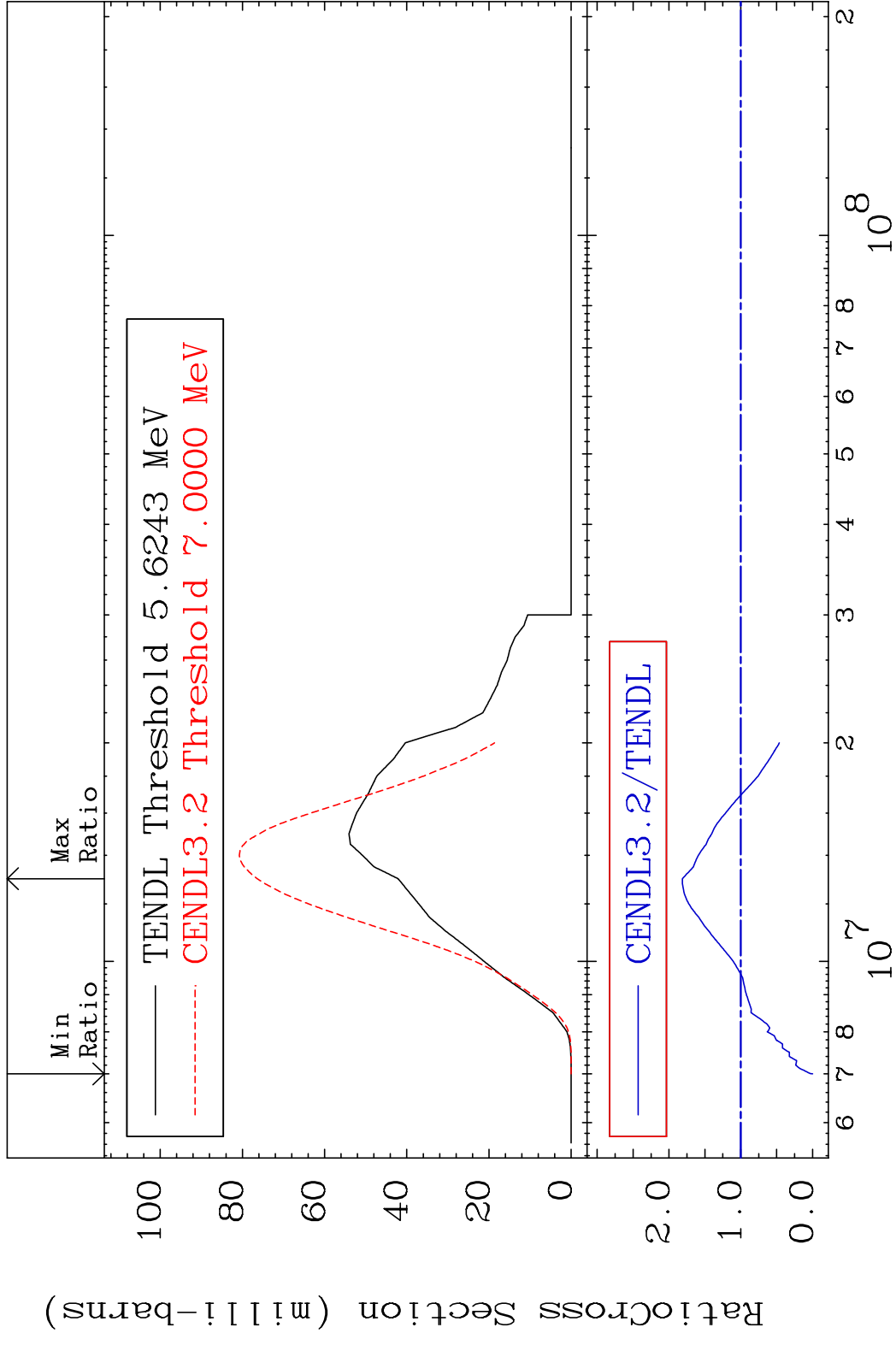


16

Incident Energy (eV)

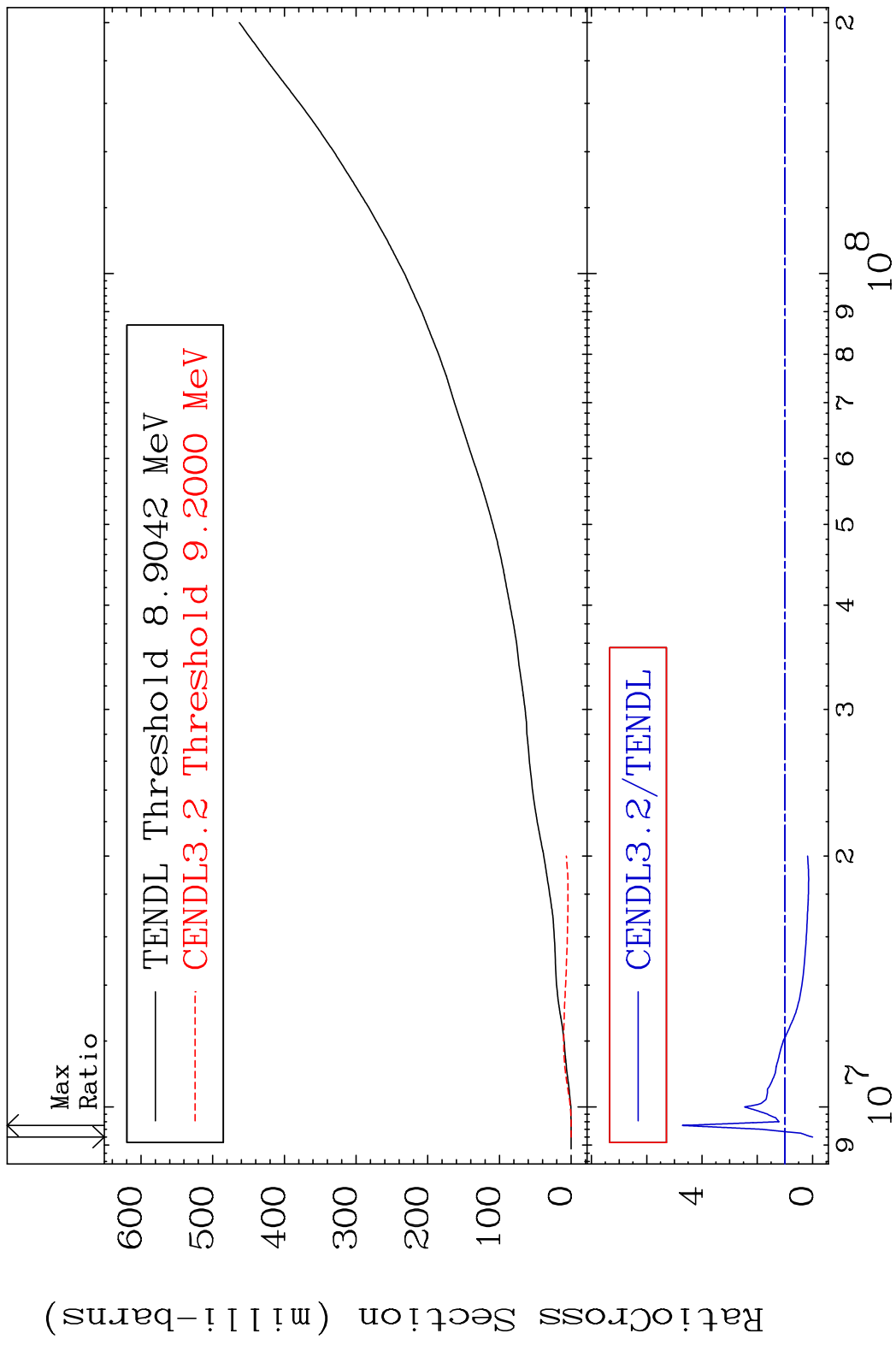
<sup>12</sup>Mg-26

MAT 1231  $(n, \alpha)$   $^{12}\text{Mg-26}$   
 Cross Section -100.0 To 81.37 %



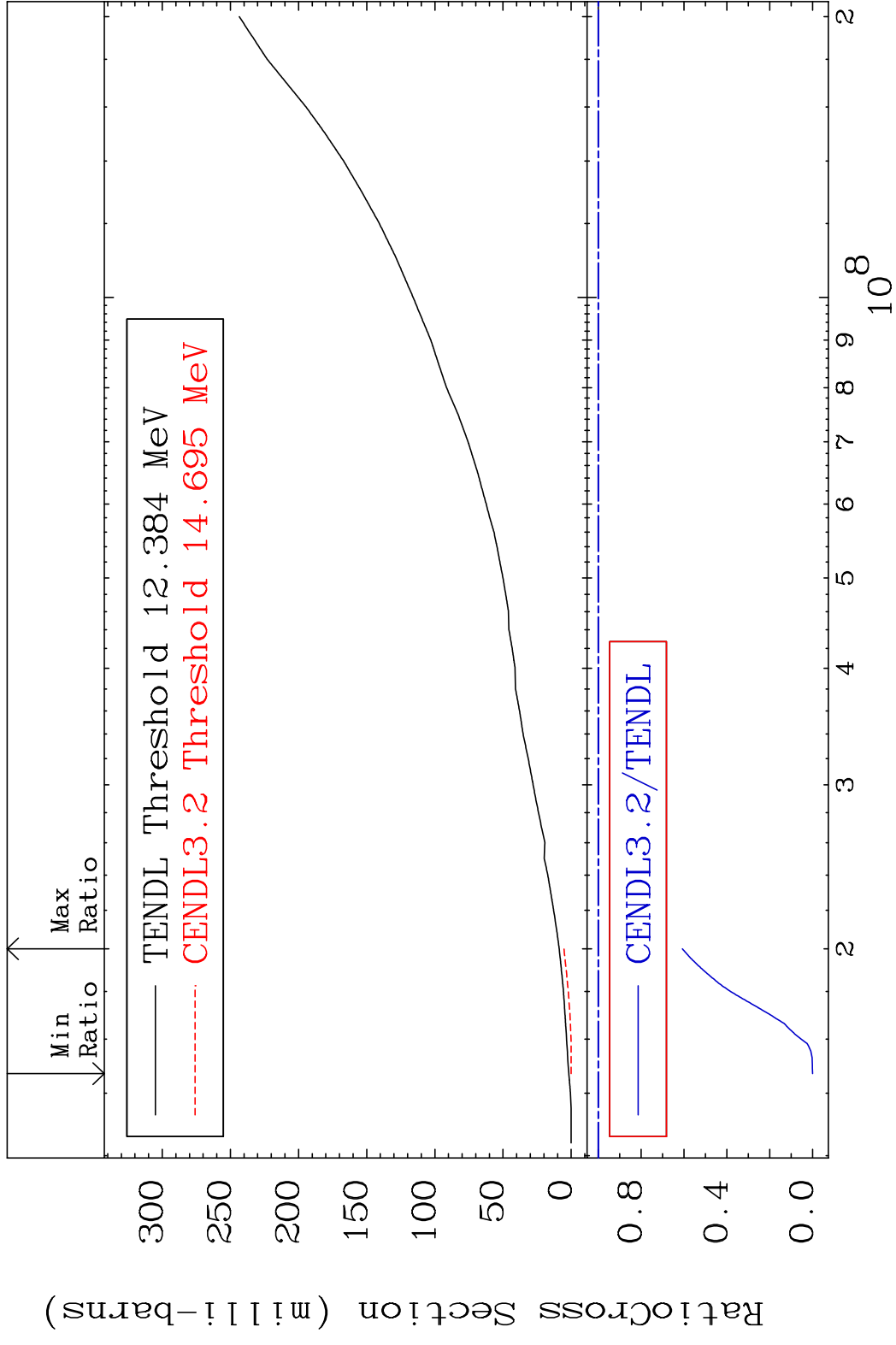
17  $^{12}\text{Mg-26}$

MAT 1231 Hydrogen Production 12-Mg-26  
 Cross Section -100.0 To 371.1 %



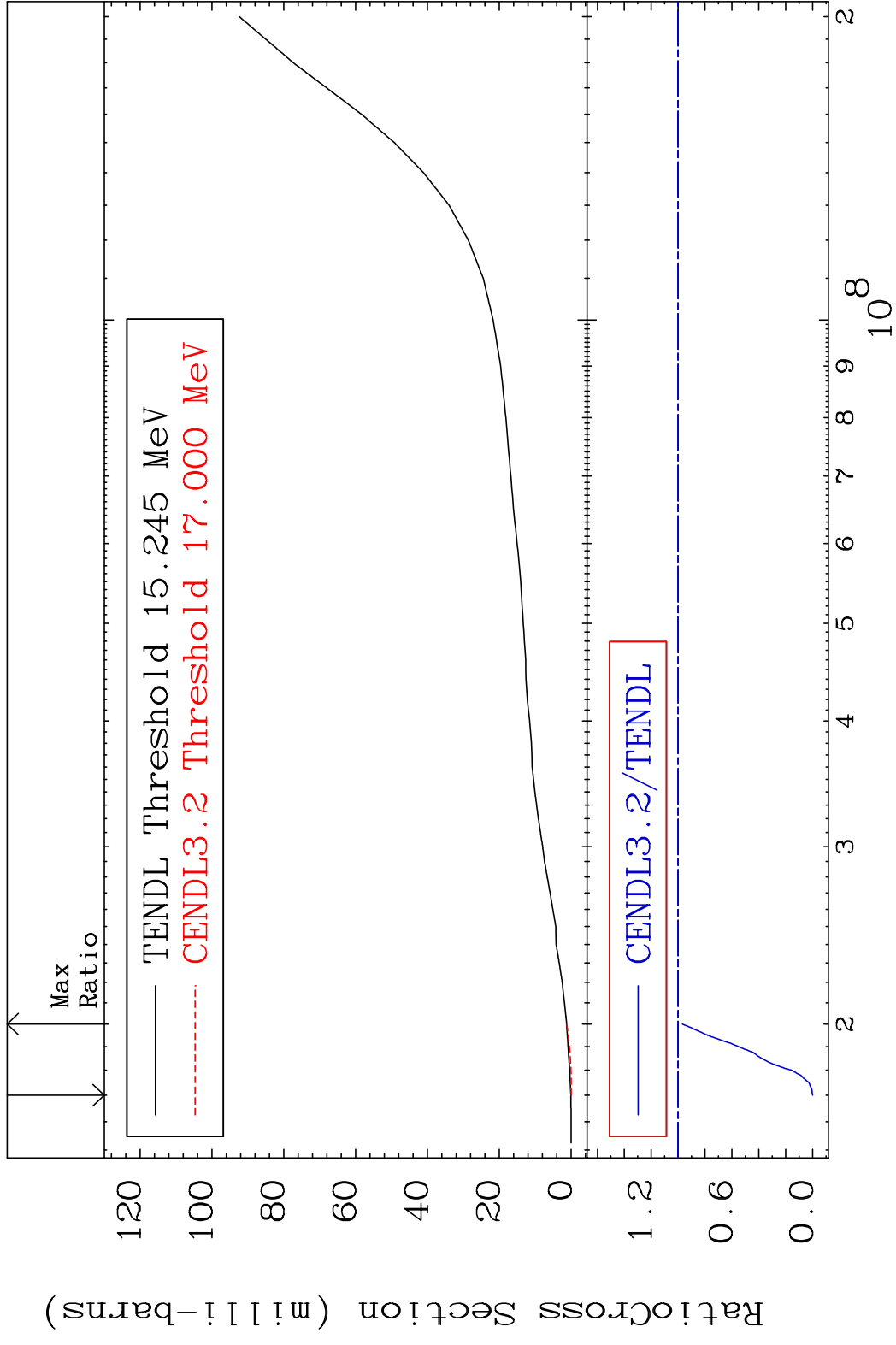
18 Incident Energy (eV) 12-Mg-26

MAT 1231 Deuterium Production 12-Mg-26  
 Cross Section -100.0 To -39.26%



19 Incident Energy (eV) 12-Mg-26

MAT 1231 Tritium Production 12-Mg-26  
 Cross Section -100.0 To -3.156%



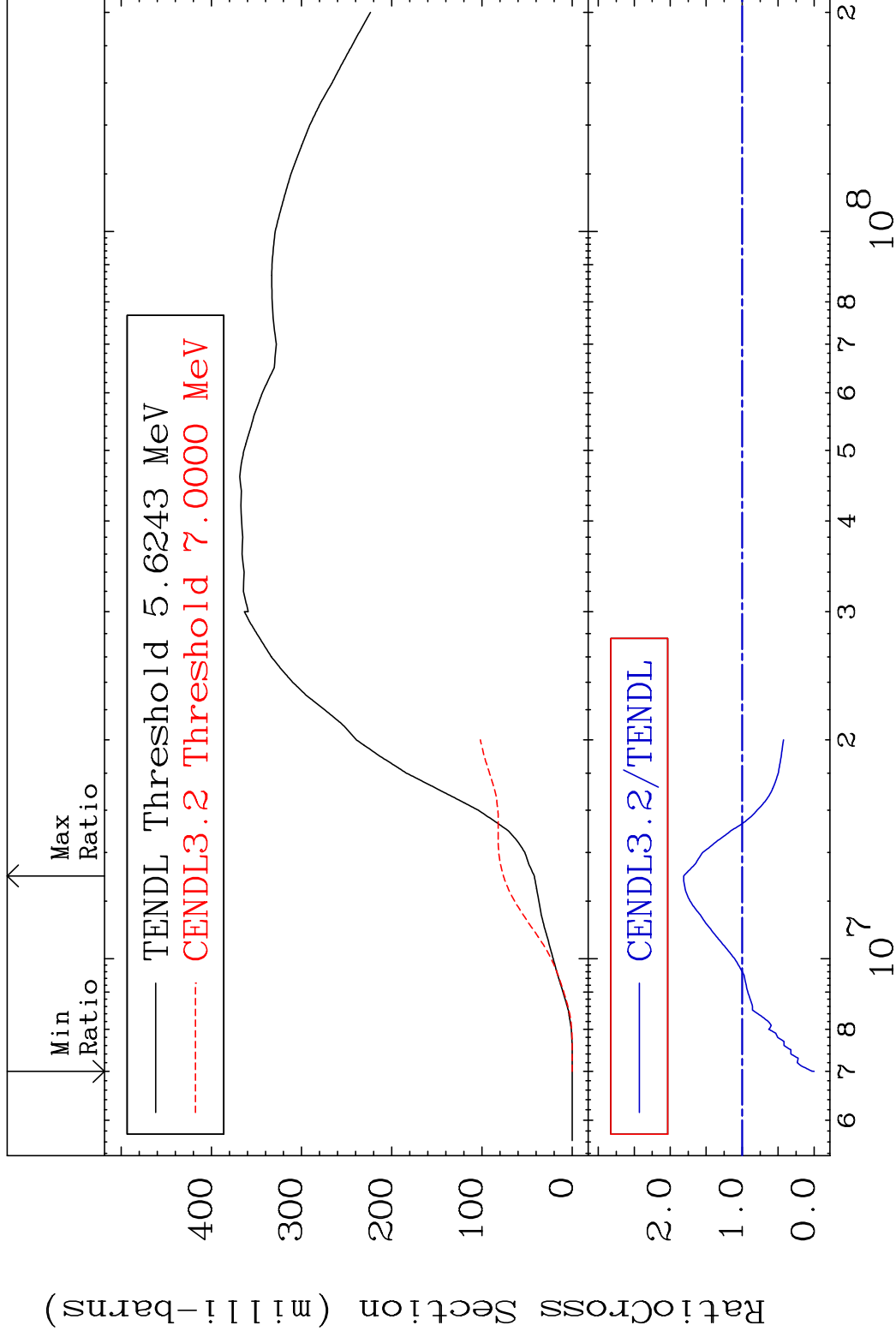
20 12-Mg-26

MAT 1231

He-4 Production

<sup>12</sup>Mg-26

Cross Section -100.0 To 81.31 %

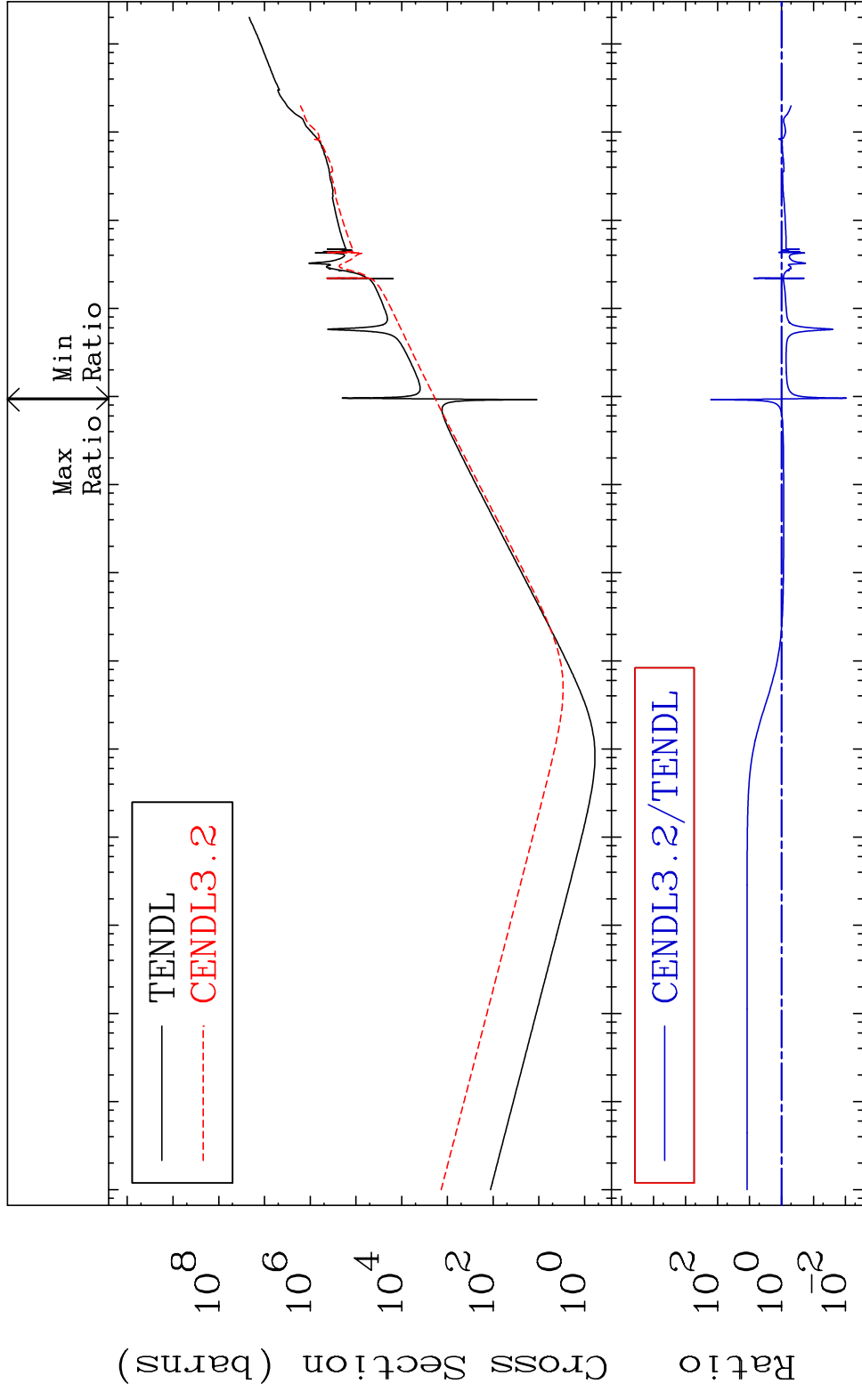


21

Incident Energy (eV)

<sup>12</sup>Mg-26

MAT 1231 Kerma total (eV-barns) 12-Mg-26  
 Cross Section -99.06 To 9999. %

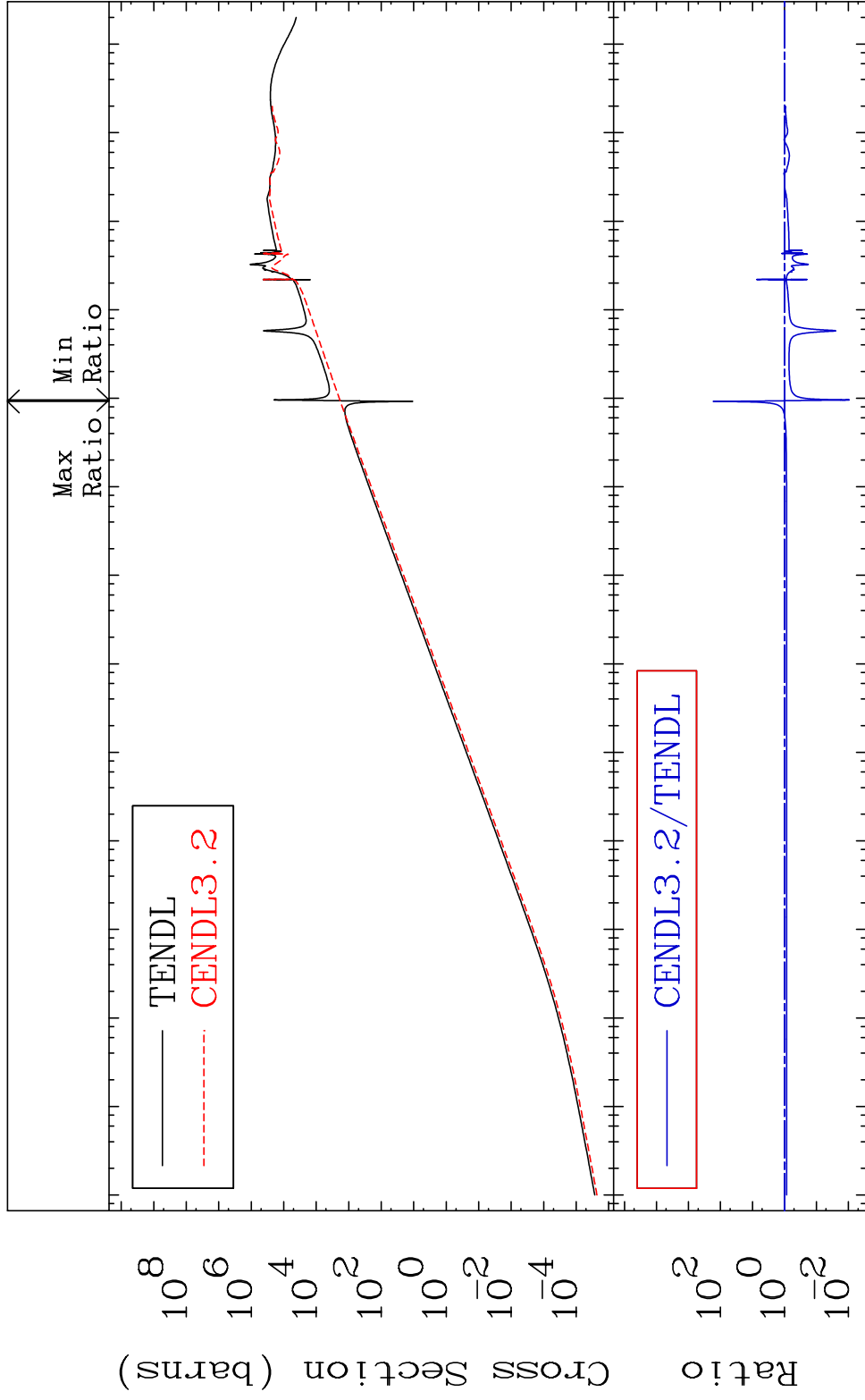


22 Incident Energy (eV) 12-Mg-26

MAT 1231

Kerma elastic  
Cross Section

-99.06 To 9999. %  
12-Mg-26

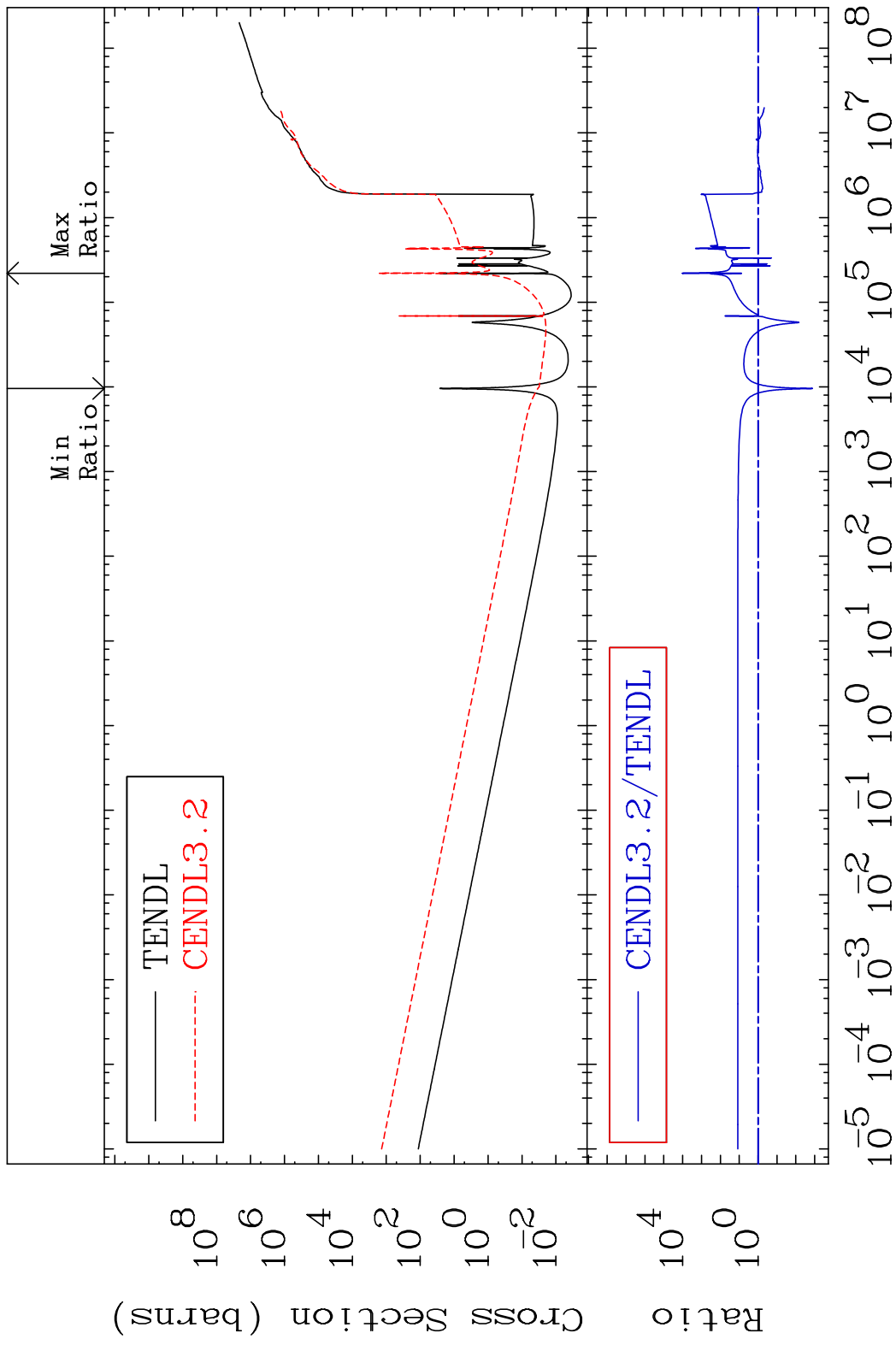


23

Incident Energy (eV)

12-Mg-26

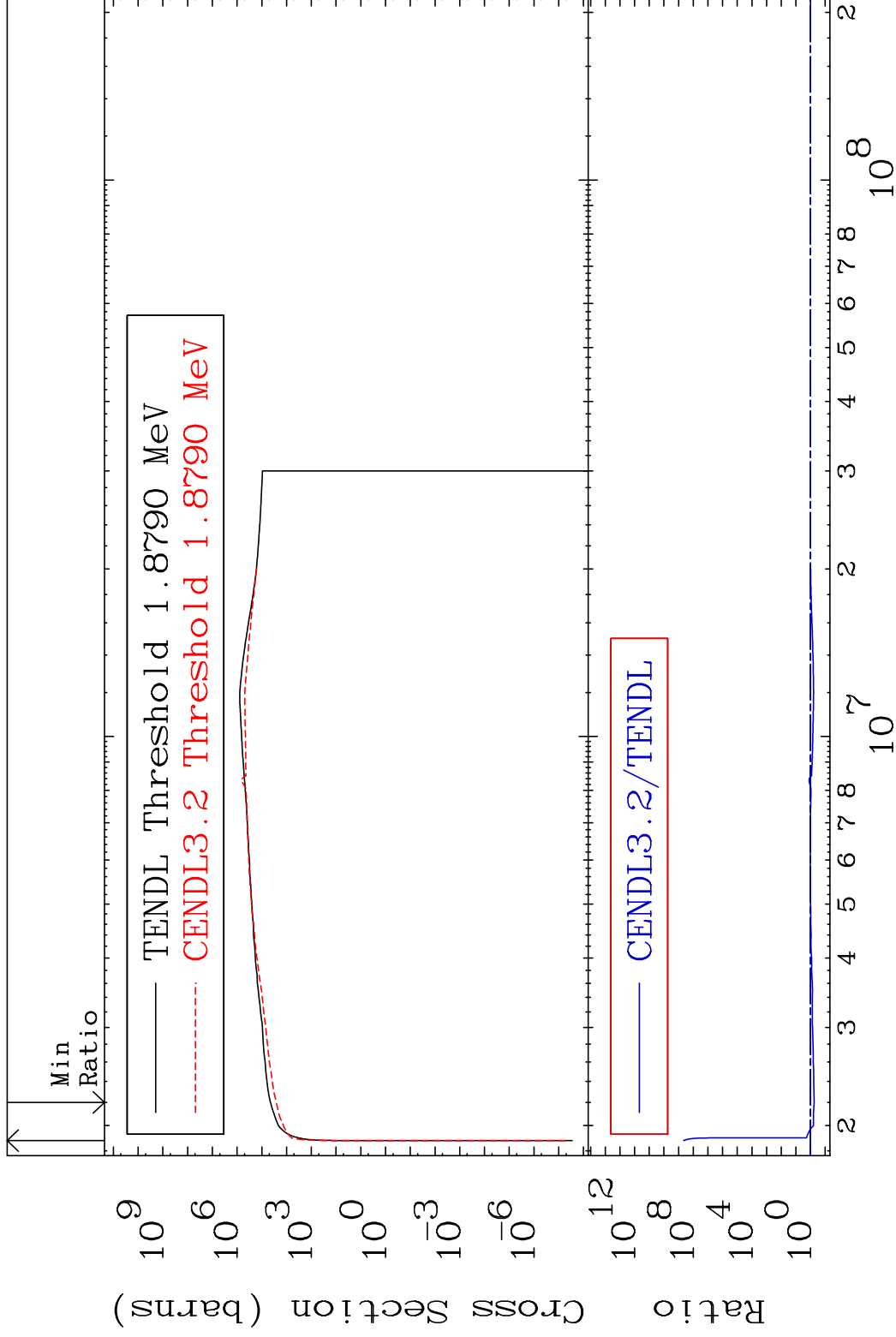
MAT 1231 Kerma non-elastic (all but mt2) 12-Mg-26  
 Cross Section -99.87 To 9999. %



24 Incident Energy (eV) 12-Mg-26

MAT 1231

Kerma inelastic (mt51-91) 12-Mg-26  
Cross Section -42.60 To 9999. %

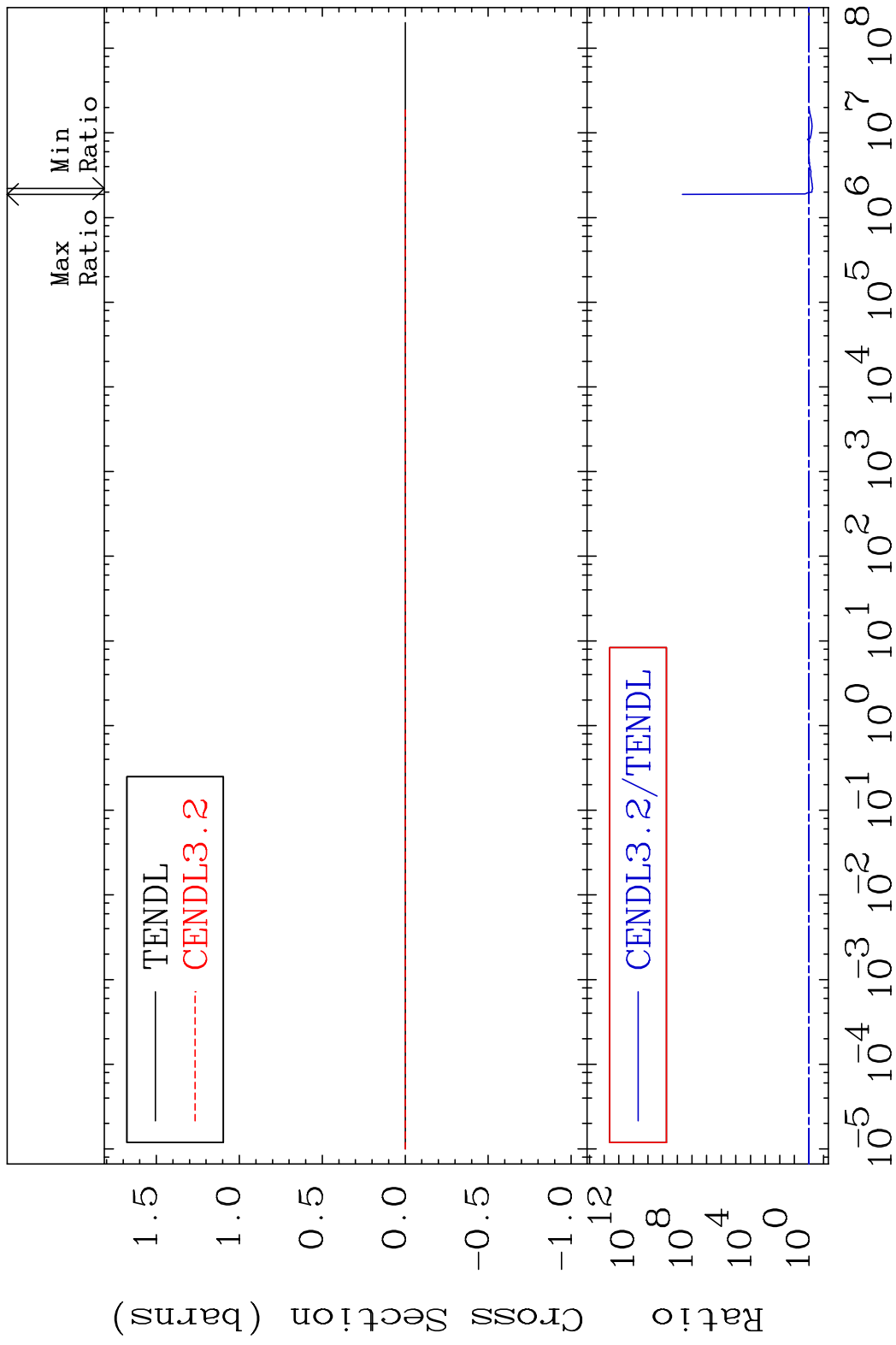


25

Incident Energy (eV)

12-Mg-26

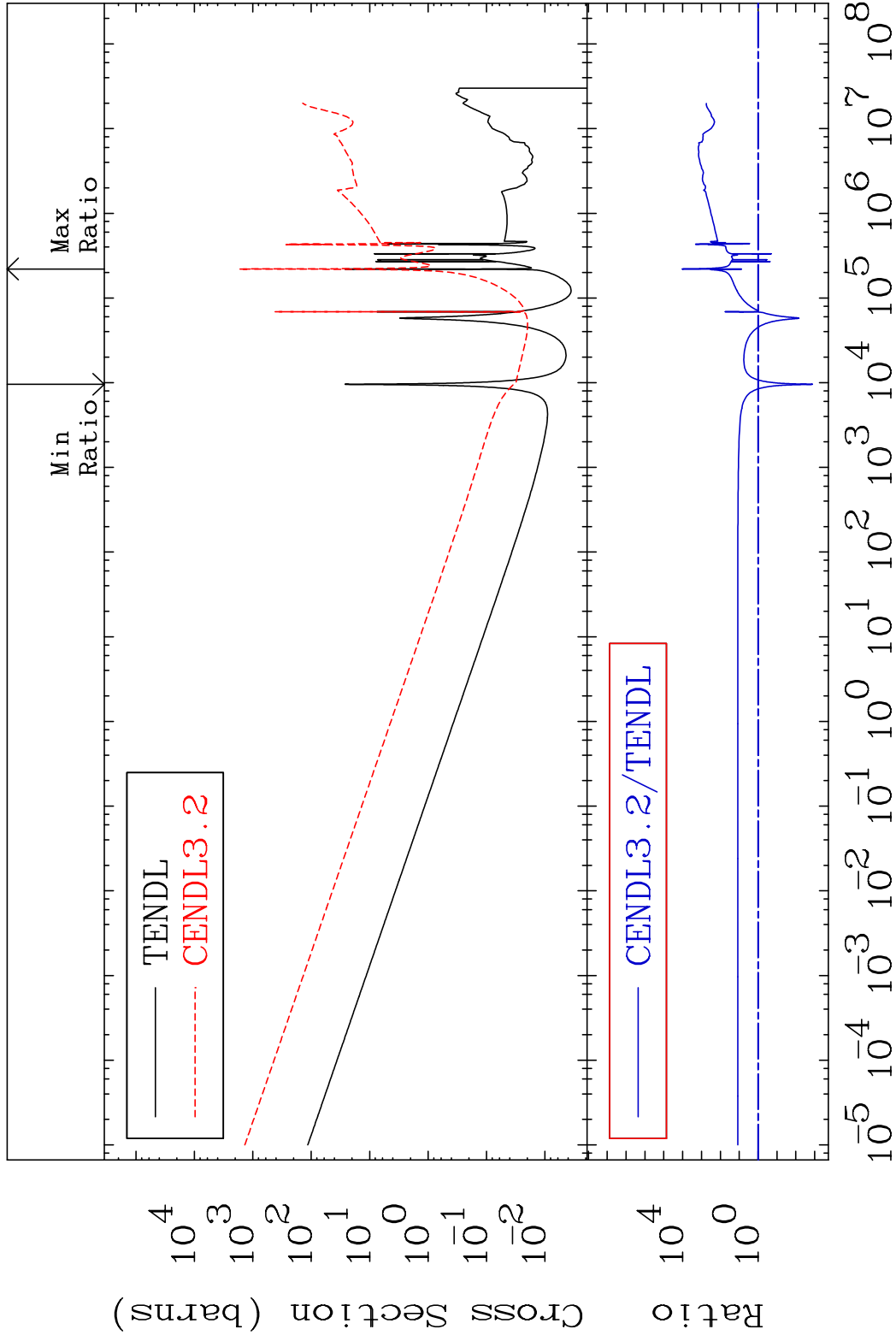
MAT 1231 Kerma fission (mt18 or mt19-20-21-38) 12-Mg-26  
 Cross Section -42.60 To 9999. %



MAT 1231

Kerma capture (mt102) 12-Mg-26

Cross Section -99.87 To 9999. %

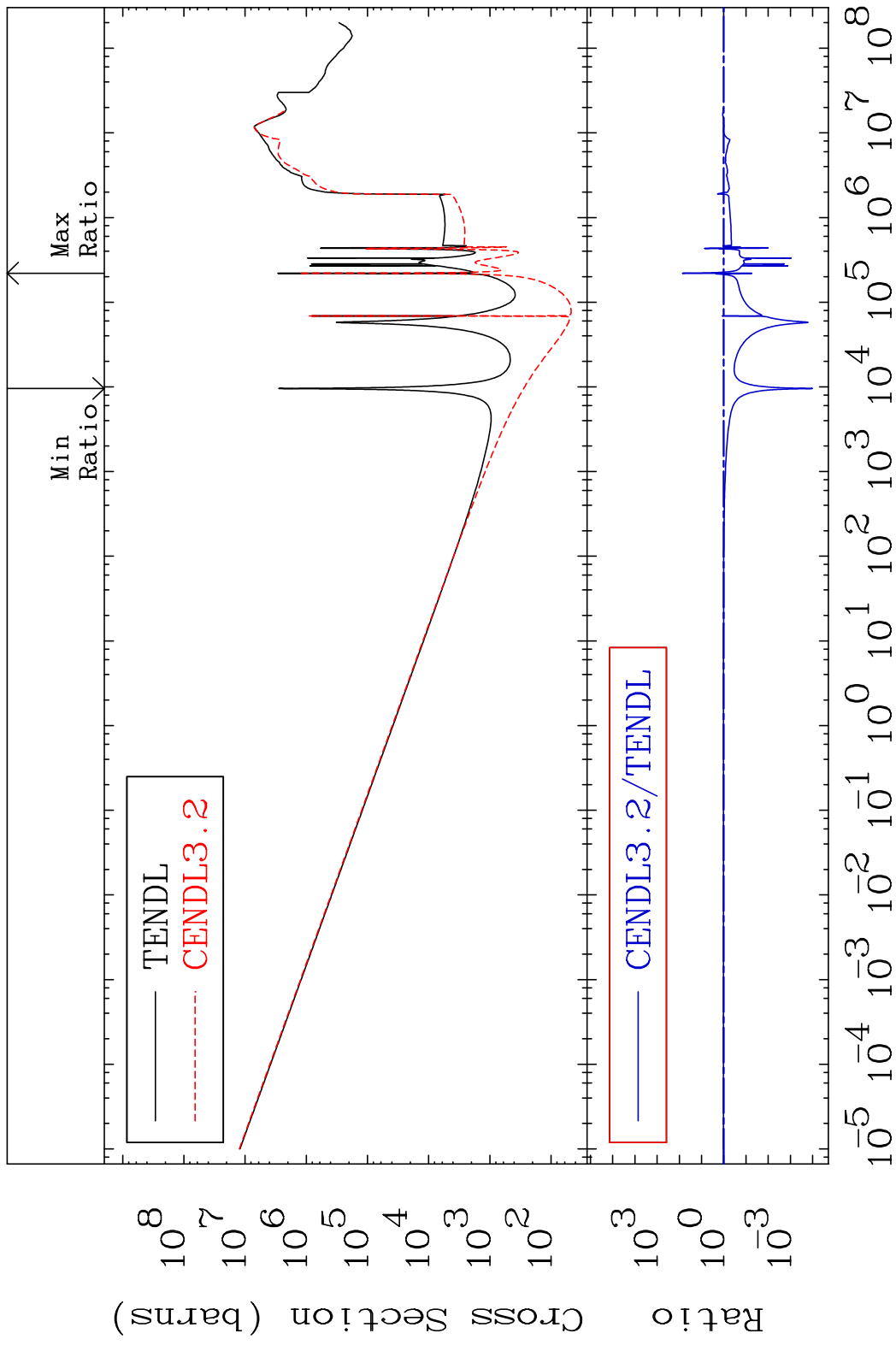


27

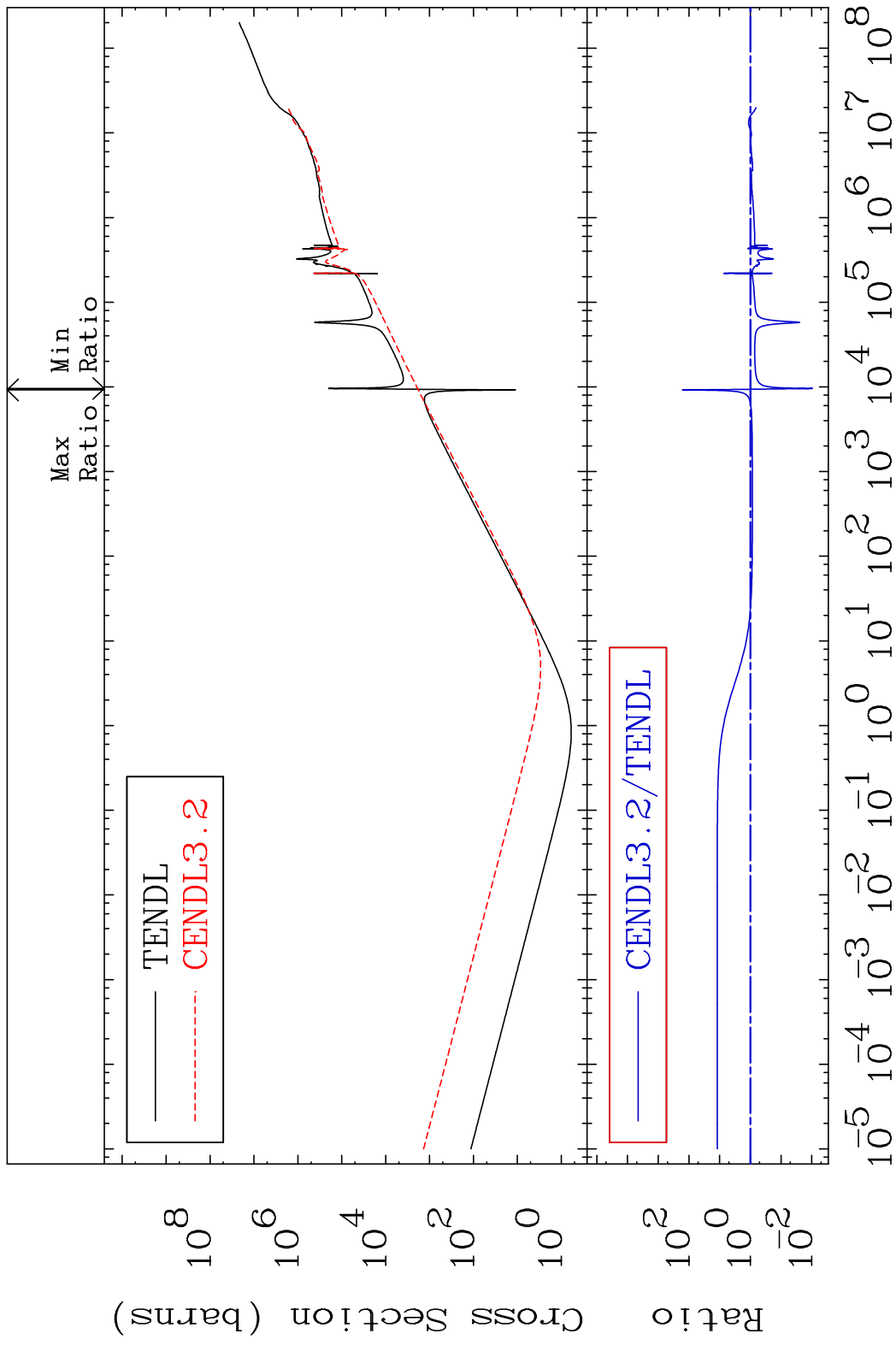
Incident Energy (eV)

12-Mg-26

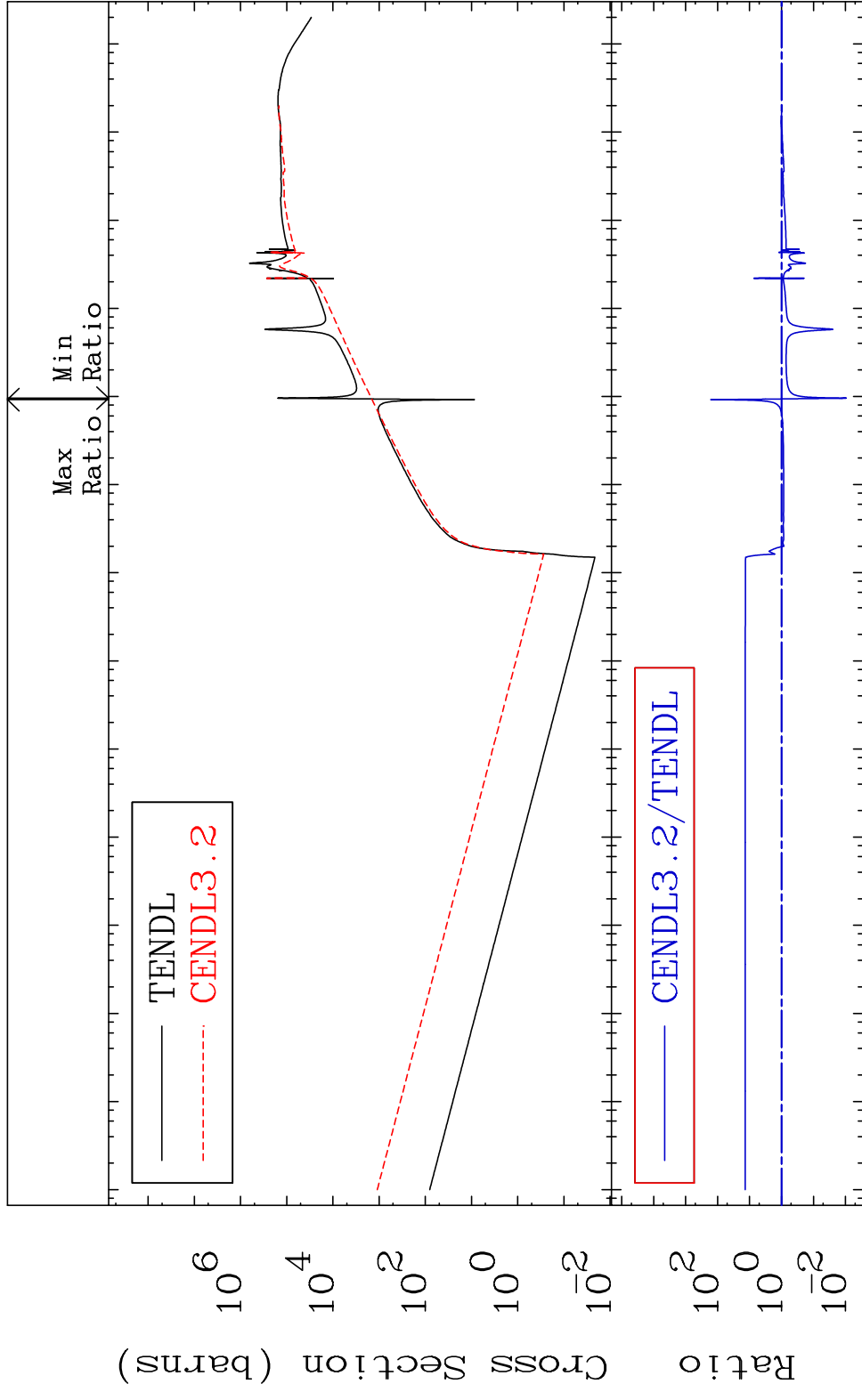
MAT 1231 Total photon (eV-barns) 12-Mg-26  
 Cross Section -99.99 To 7208. %



MAT 1231 Total kinematic kerma (high limit) 12-Mg-26  
 Cross Section -99.06 To 9999. %



MAT 1231      Dpa total (eV-barns)      12-Mg-26  
 Cross Section      -99.06 To 9999. %



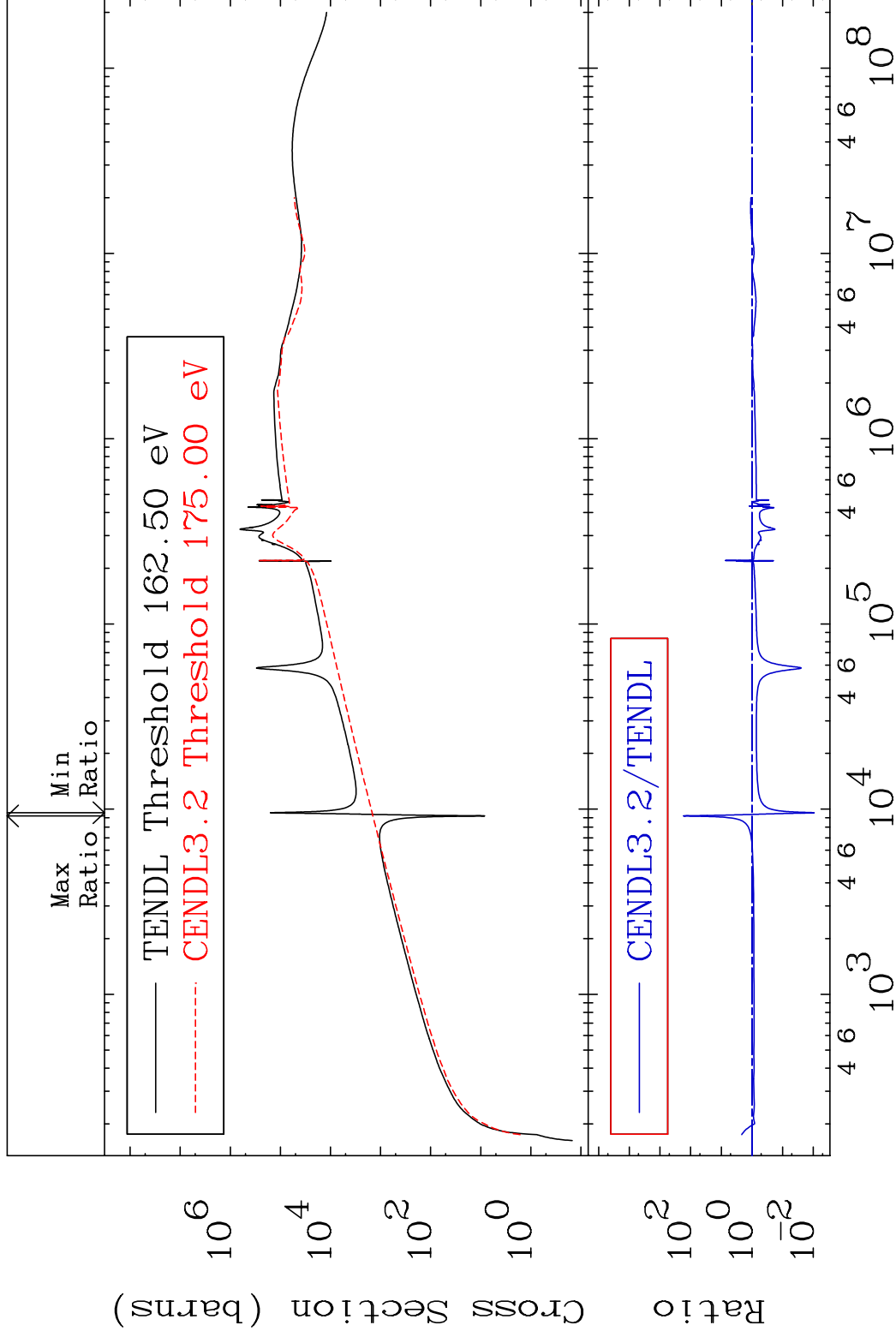
30      Incident Energy (eV)      12-Mg-26

MAT 1231

Dpa elastic (mt2)

12-Mg-26

Cross Section -99.06 To 9999. %

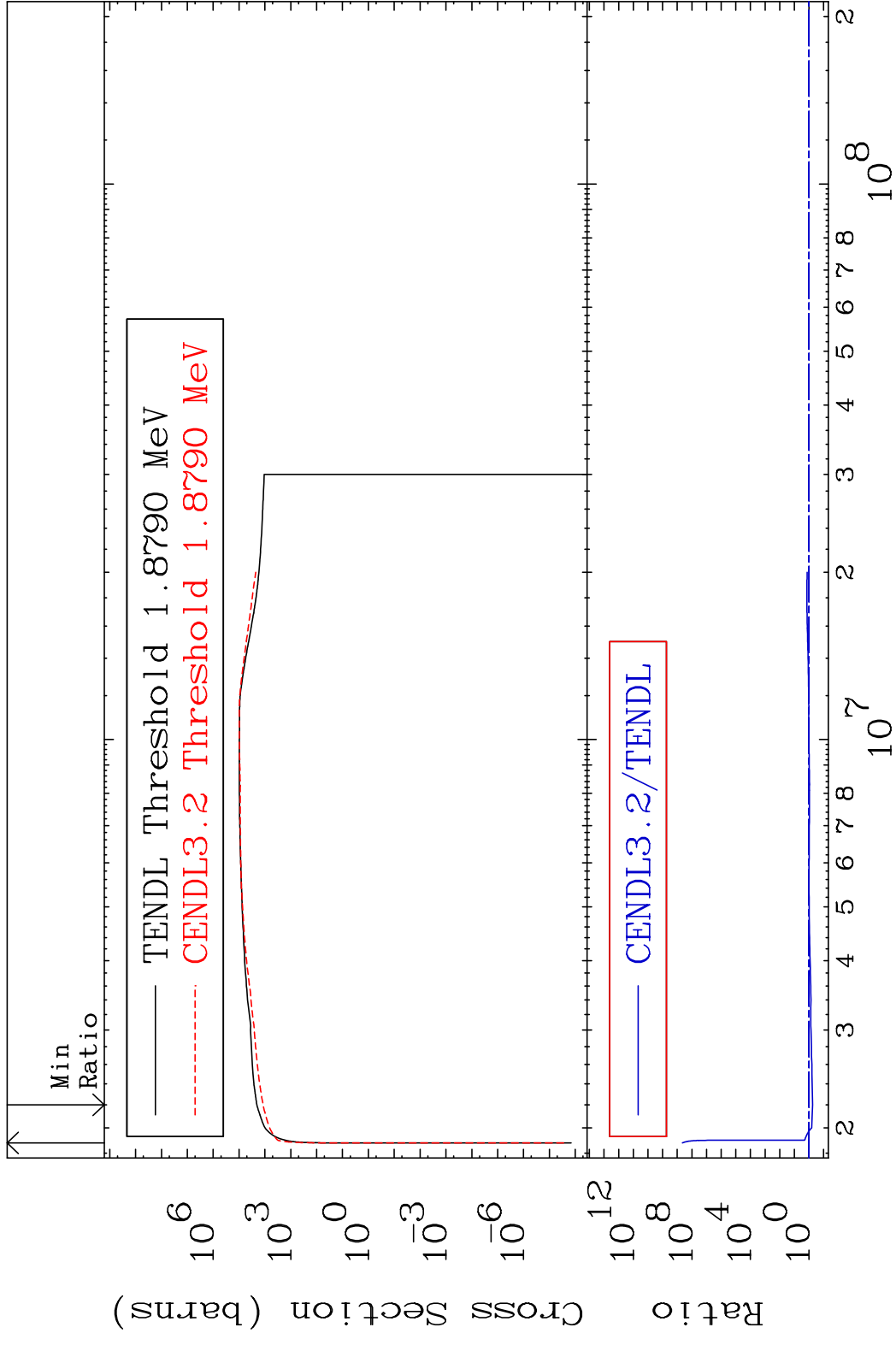


31

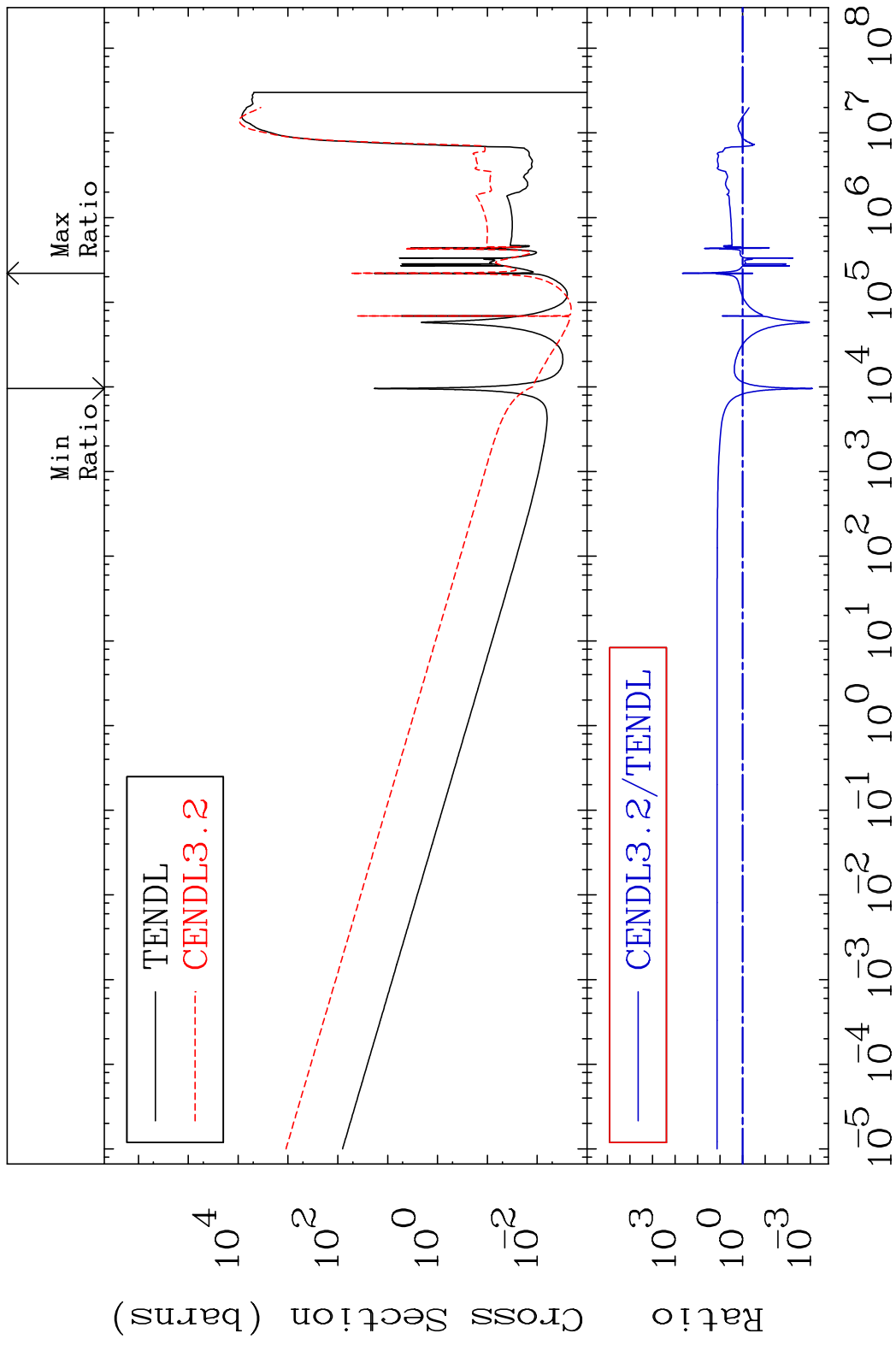
Incident Energy (eV)

12-Mg-26

MAT 1231      Dpa inelastic (mt51-91)      12-Mg-26  
 Cross Section      -42.97 To 9999. %

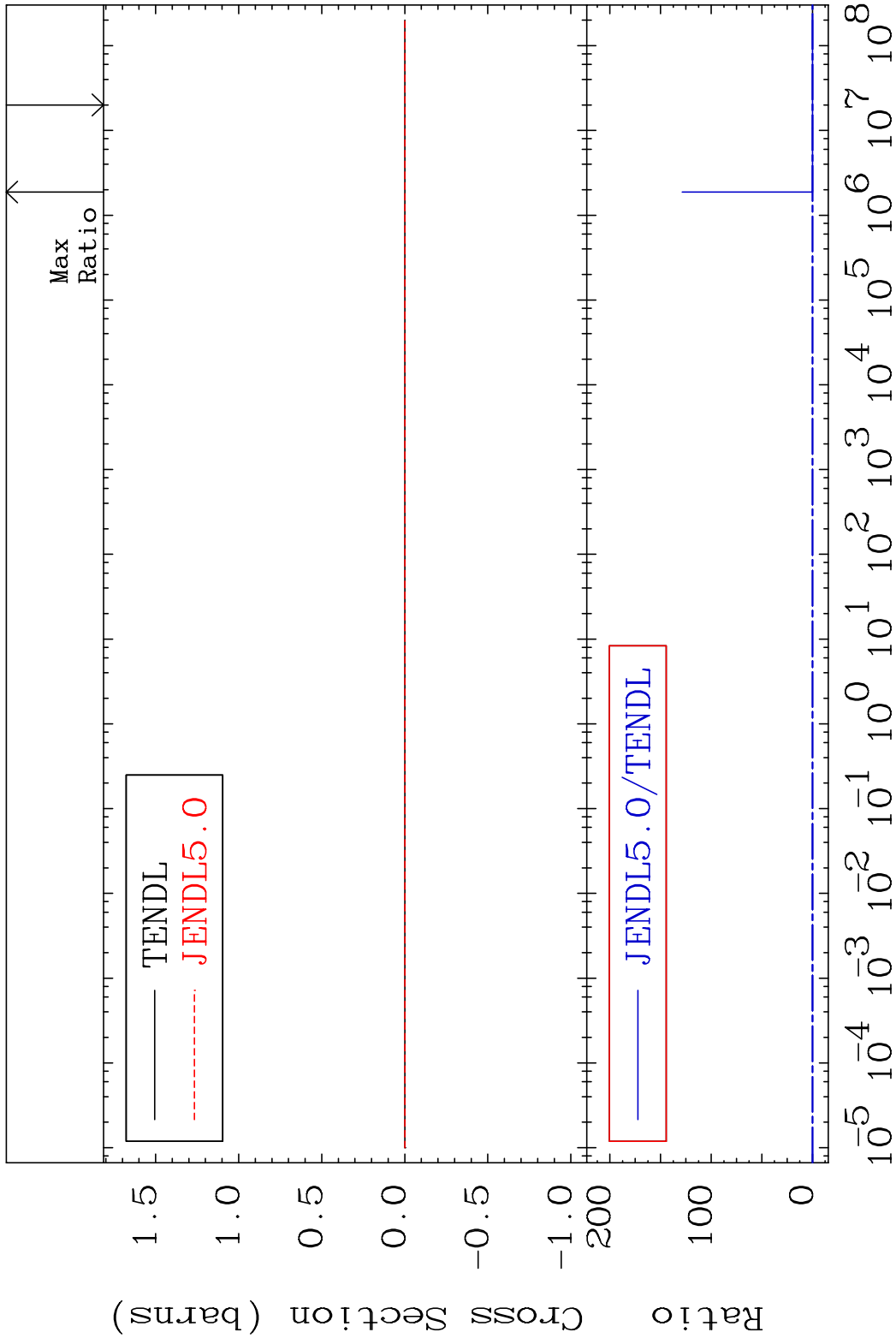


MAT 1231 Dpa disappearance (mt102 -120) 12-Mg-26  
 Cross Section -99.92 To 9999. %



33 Incident Energy (eV) 12-Mg-26

MAT 1231 Kerma fission (mt18 or mt19-20-21-38) 12-Mg-26  
 Cross Section -100.0 To 9999. %

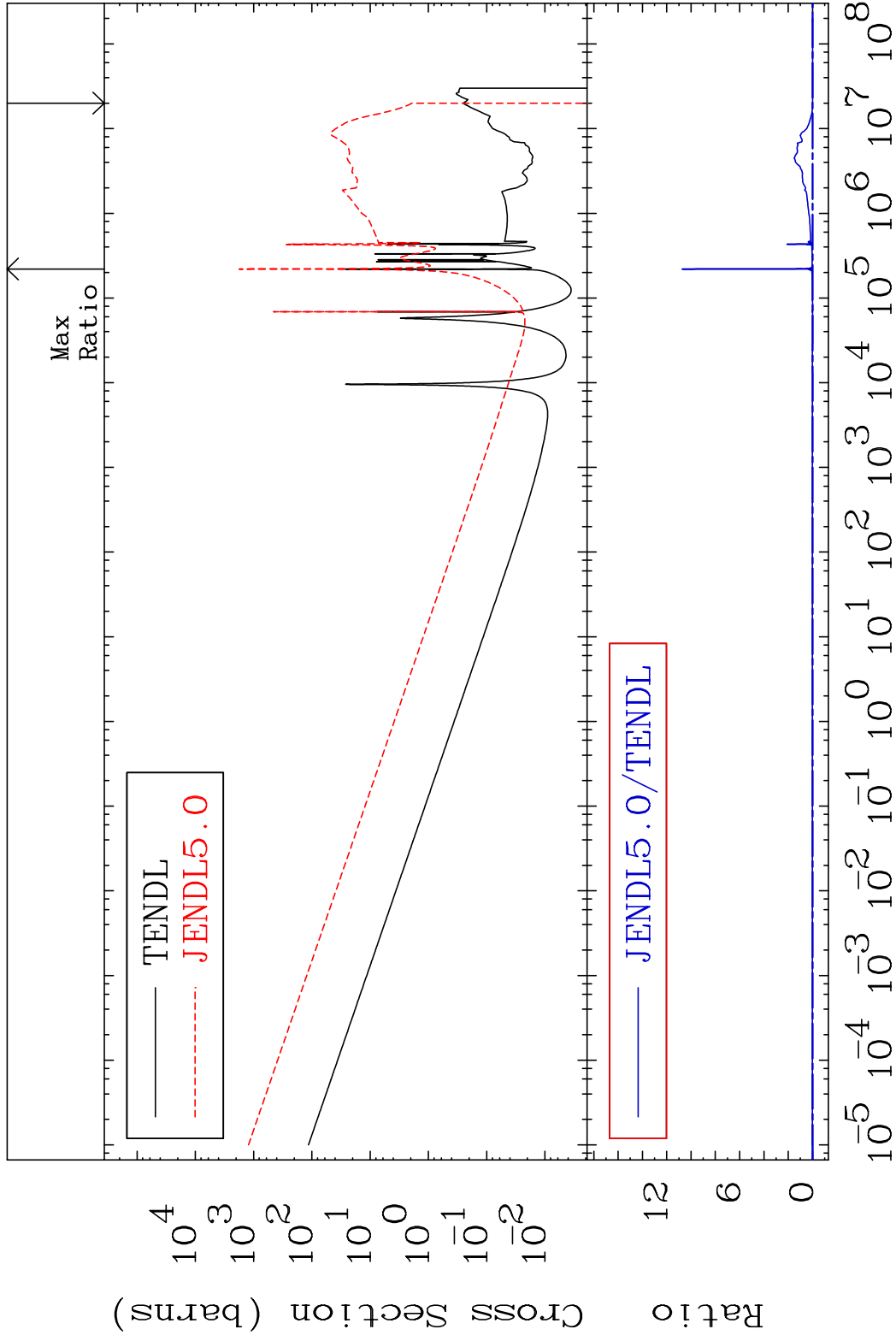


MAT 1231

Kerma capture (mt102)

<sup>12</sup>Mg-26

Cross Section -100.0 To 9999. %

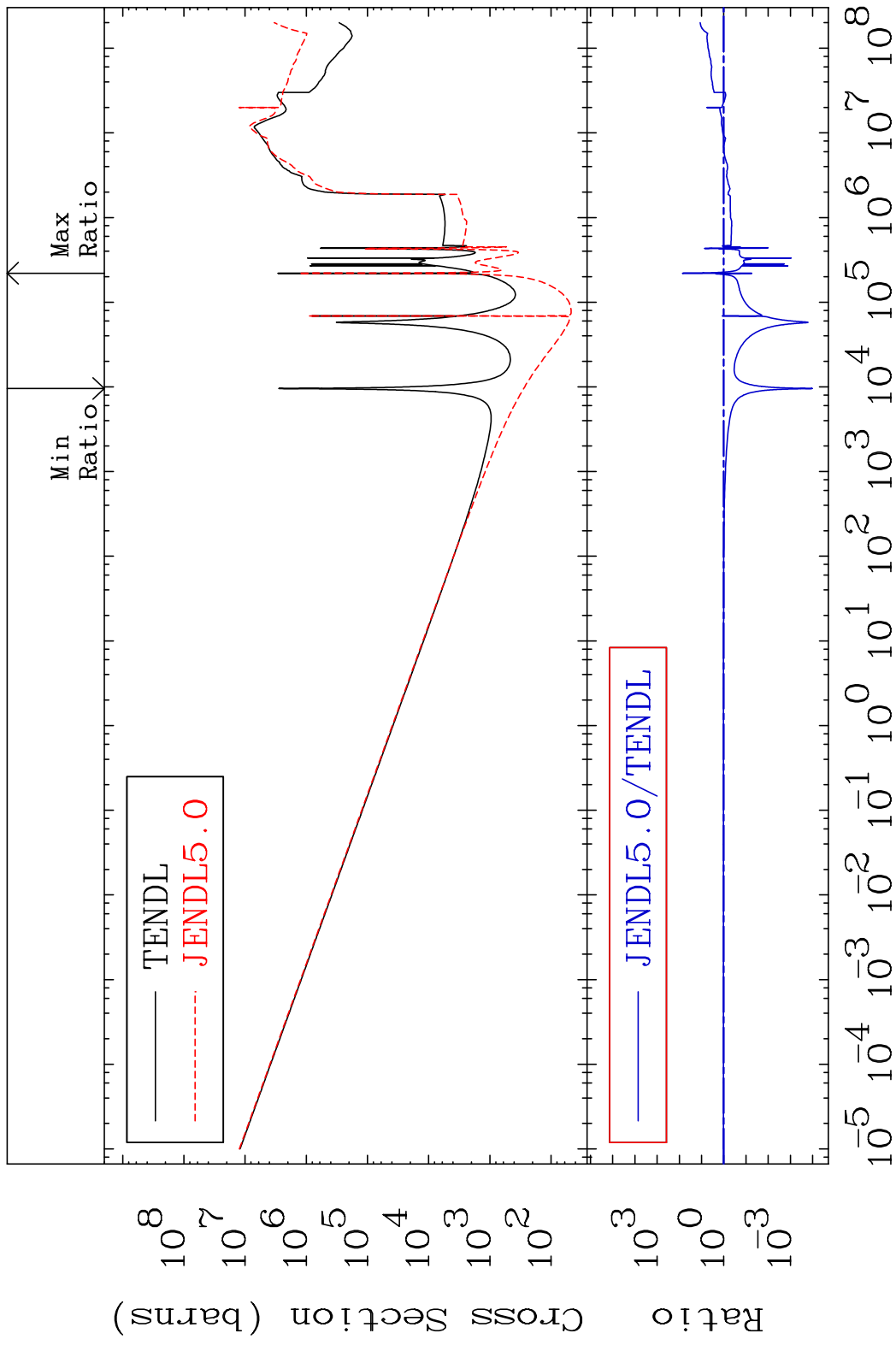


35

Incident Energy (eV)

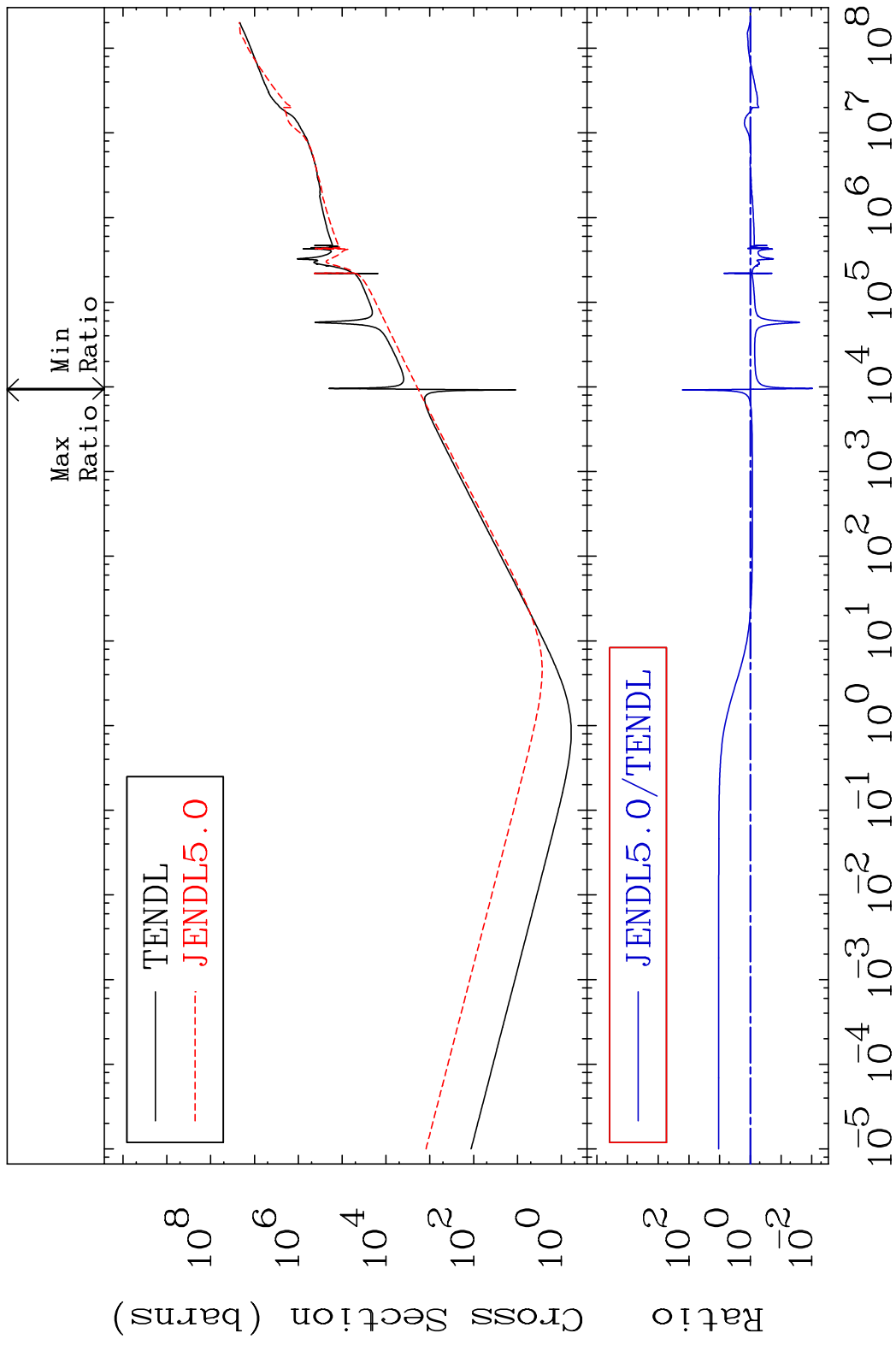
<sup>12</sup>Mg-26

MAT 1231 Total photon (eV-barns) 12-Mg-26  
 Cross Section -99.99 To 7209. %

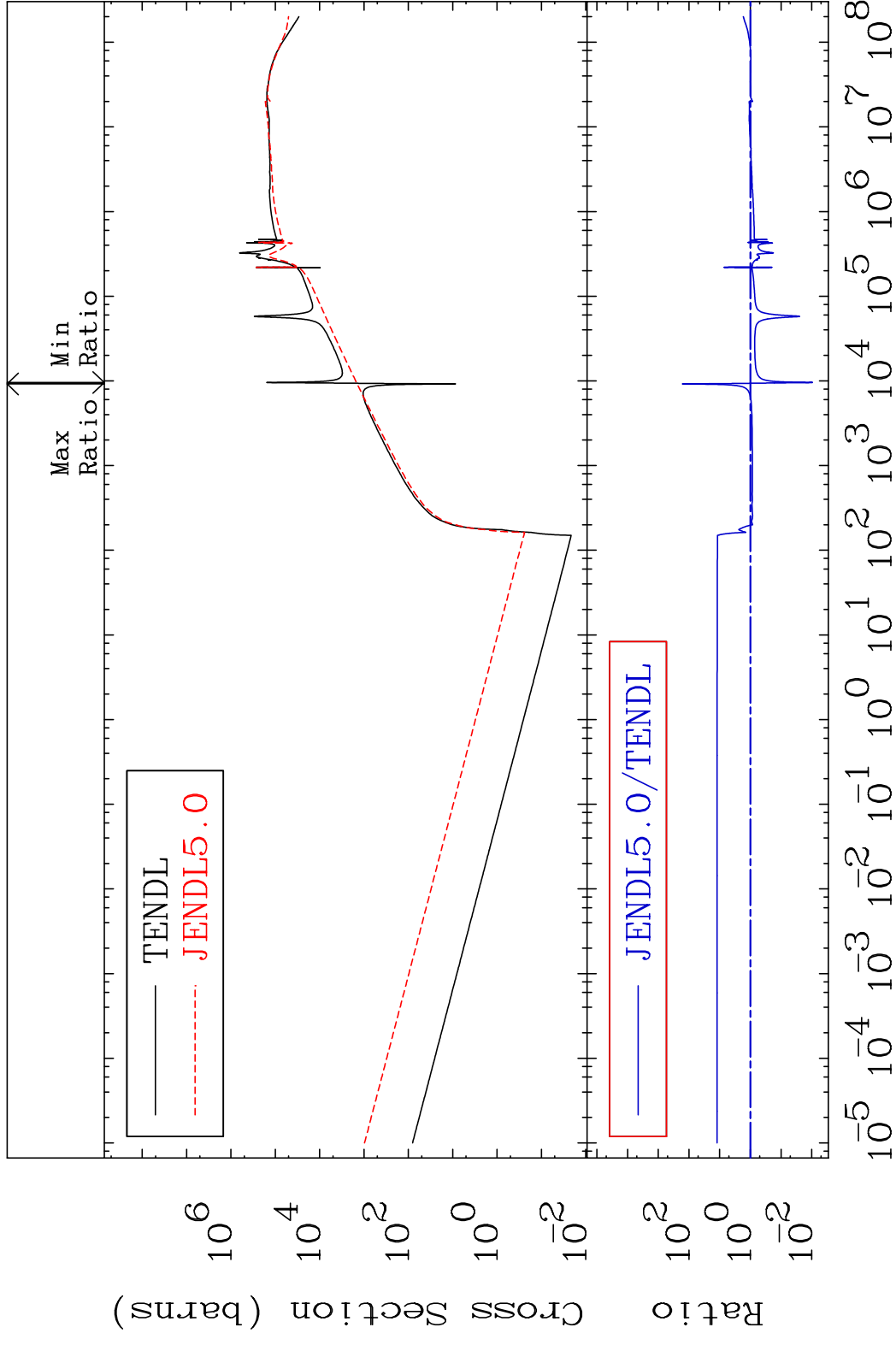


36 Incident Energy (eV) 12-Mg-26

MAT 1231 Total kinematic kerma (high limit) 12-Mg-26  
 Cross Section -99.06 To 9999. %



MAT 1231      Dpa total (eV-barns)      12-Mg-26  
 Cross Section      -99.06 To 9999. %

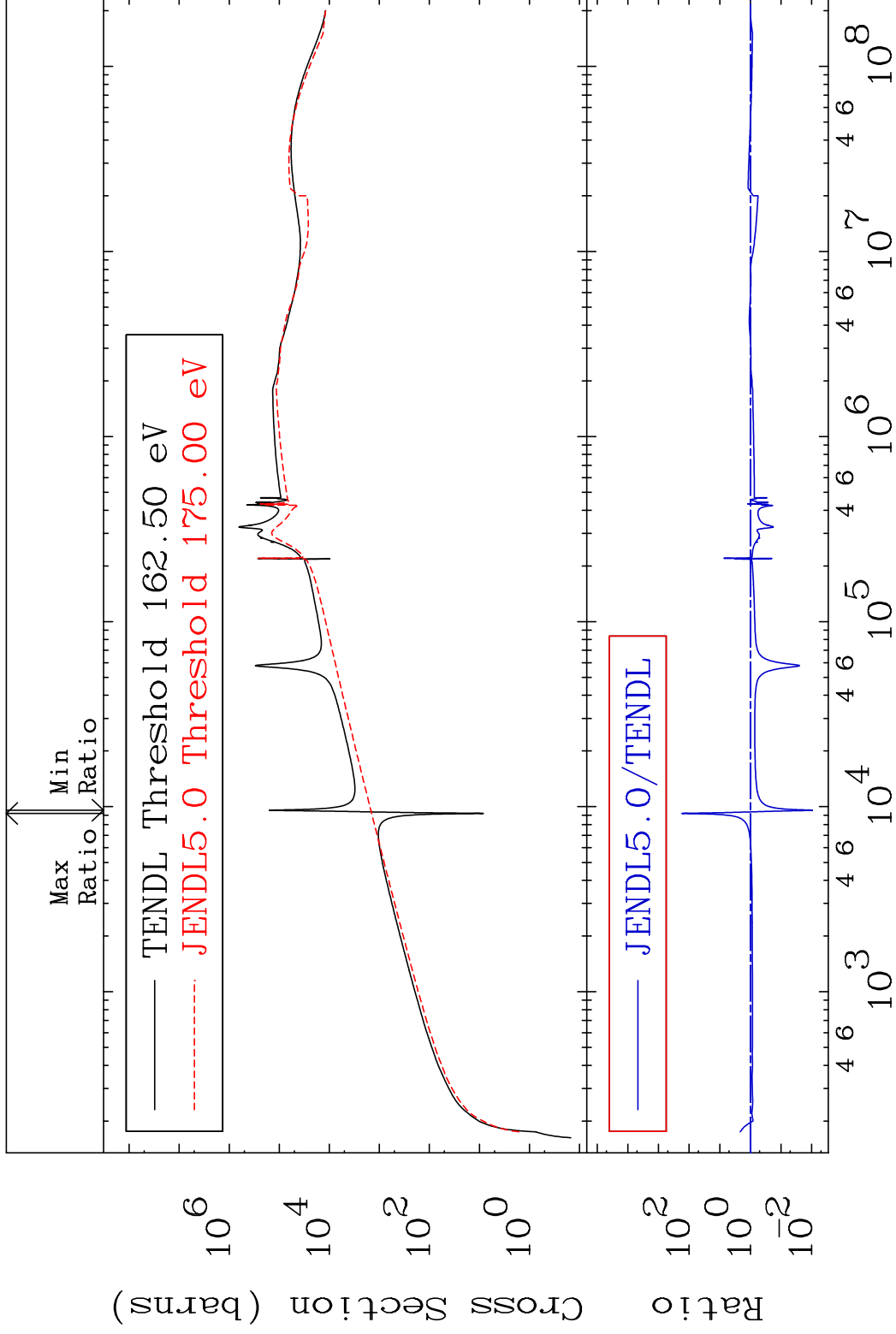


MAT 1231

Dpa elastic (mt2)

12-Mg-26

Cross Section -99.06 To 9999. %



39

Incident Energy (eV)

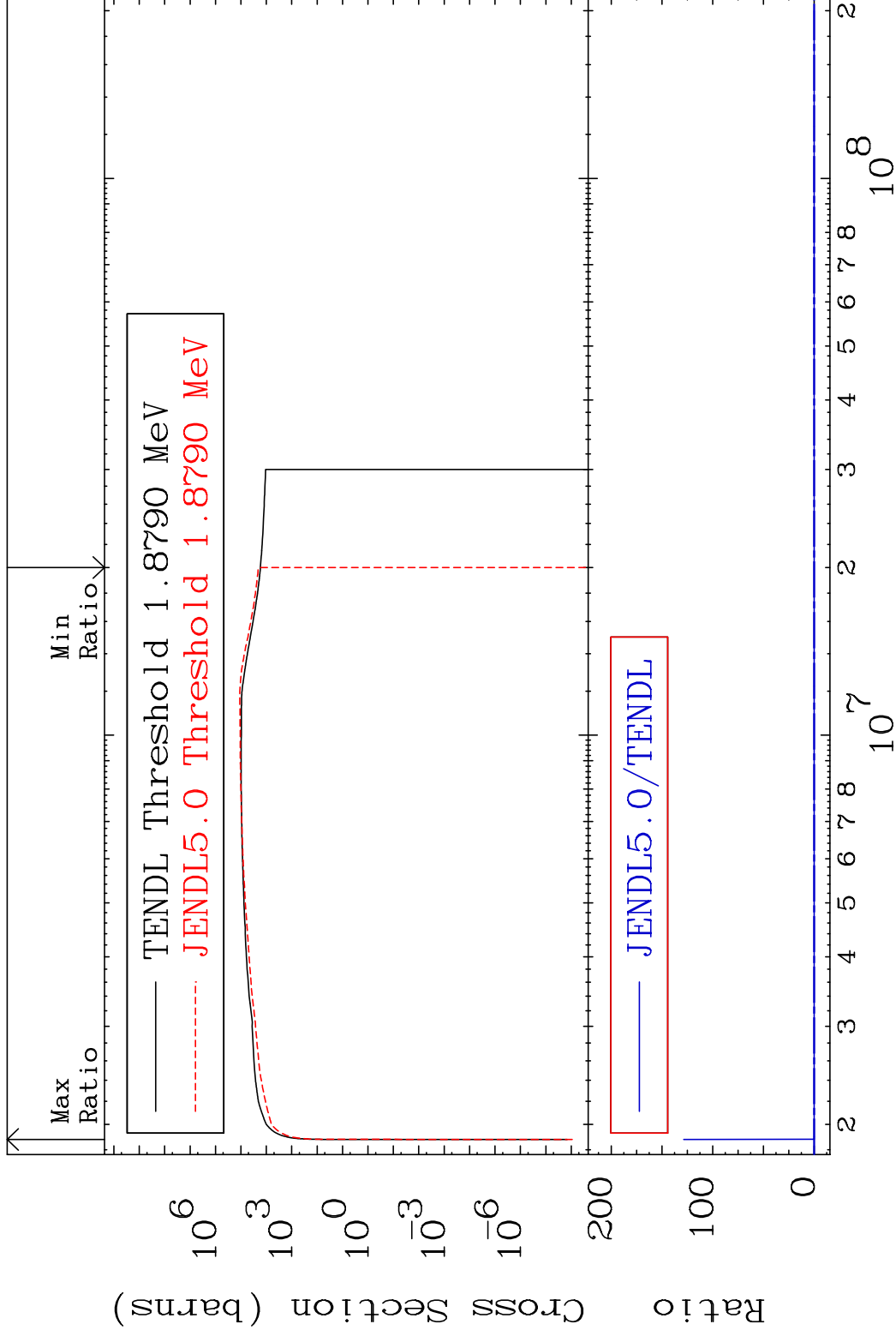
12-Mg-26

MAT 1231

Dpa inelastic (mt51-91)

12-Mg-26

Cross Section -100.0 To 9999. %

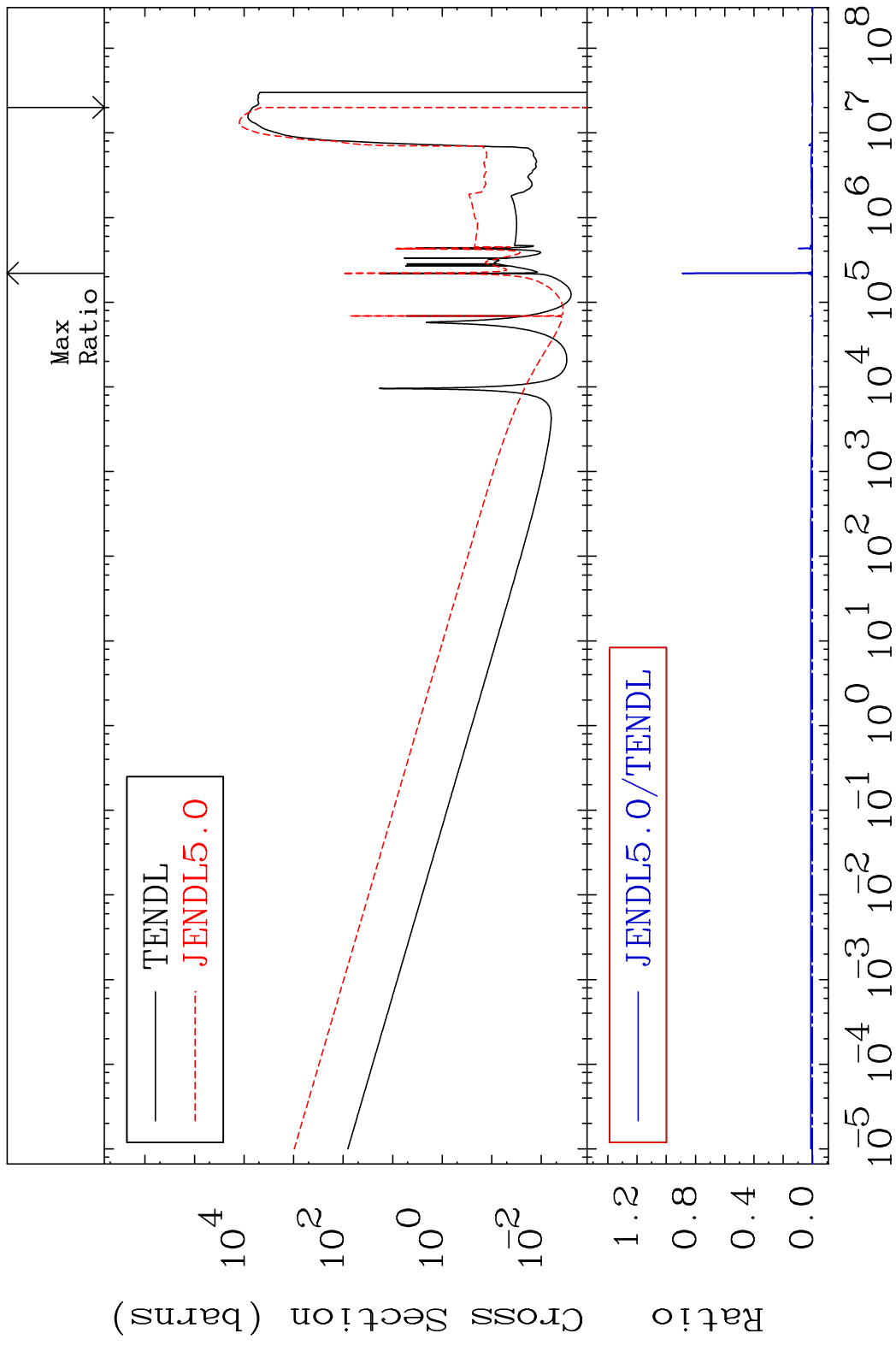


40

Incident Energy (eV)

12-Mg-26

MAT 1231 Dpa disappearance (mt102 -120) 12-Mg-26  
 Cross Section -100.0 To 9999. %



41 Incident Energy (eV) 12-Mg-26