

Program Complot  
(Version 2021-1)

by

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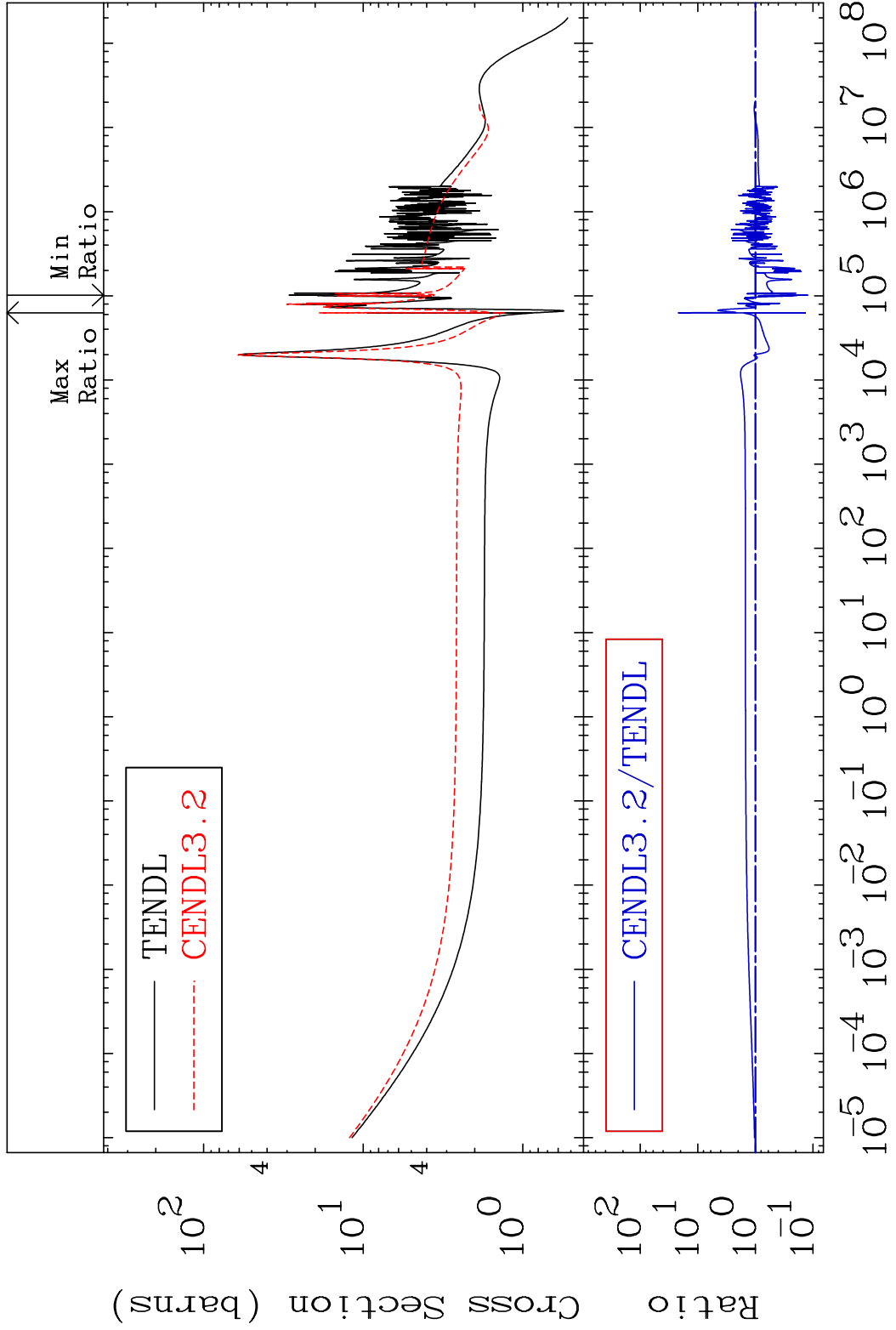
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E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

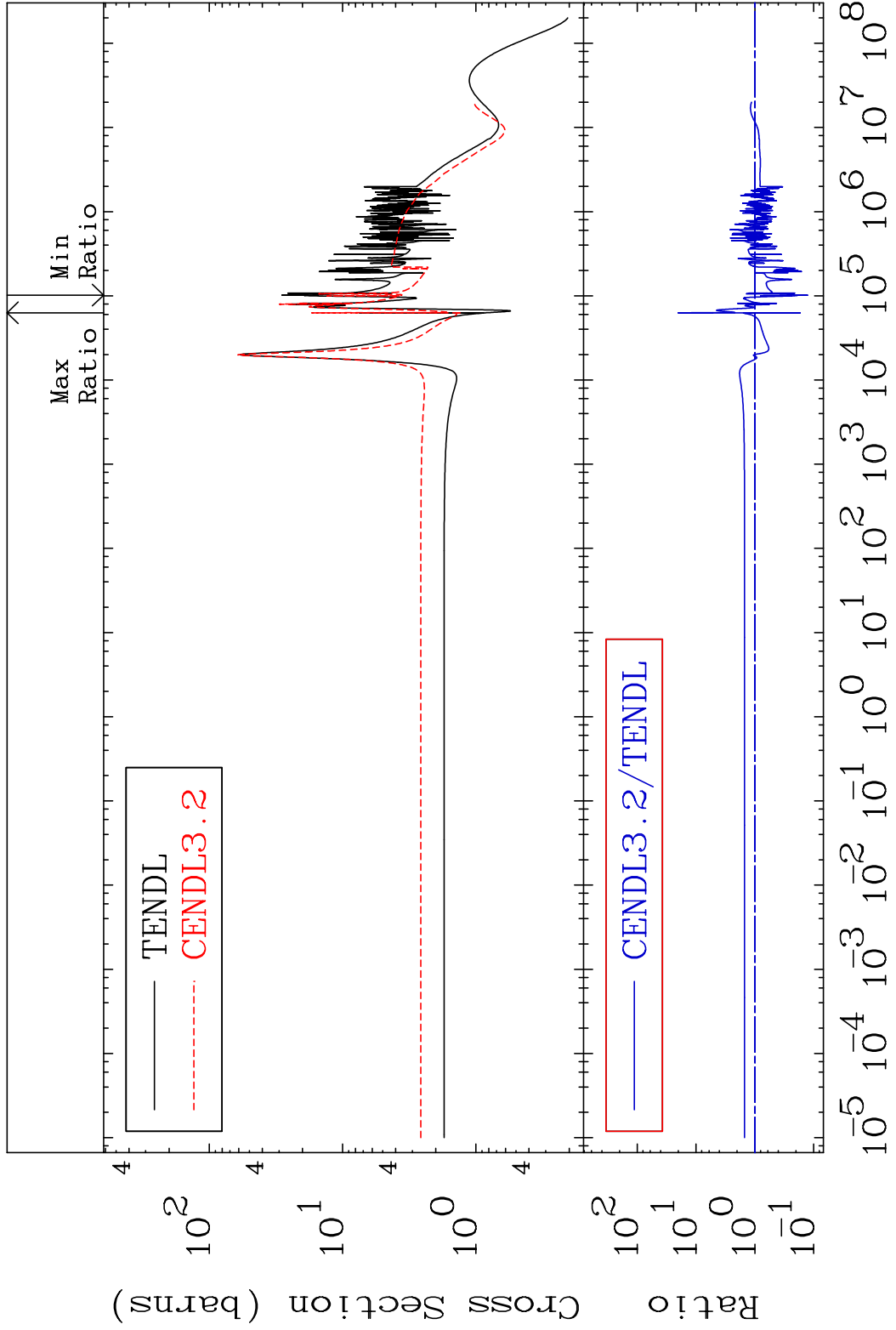
Press Mouse Button to Start

MAT 1228      Total      12-Mg-25  
 Cross Section      -87.63 To 2088. %



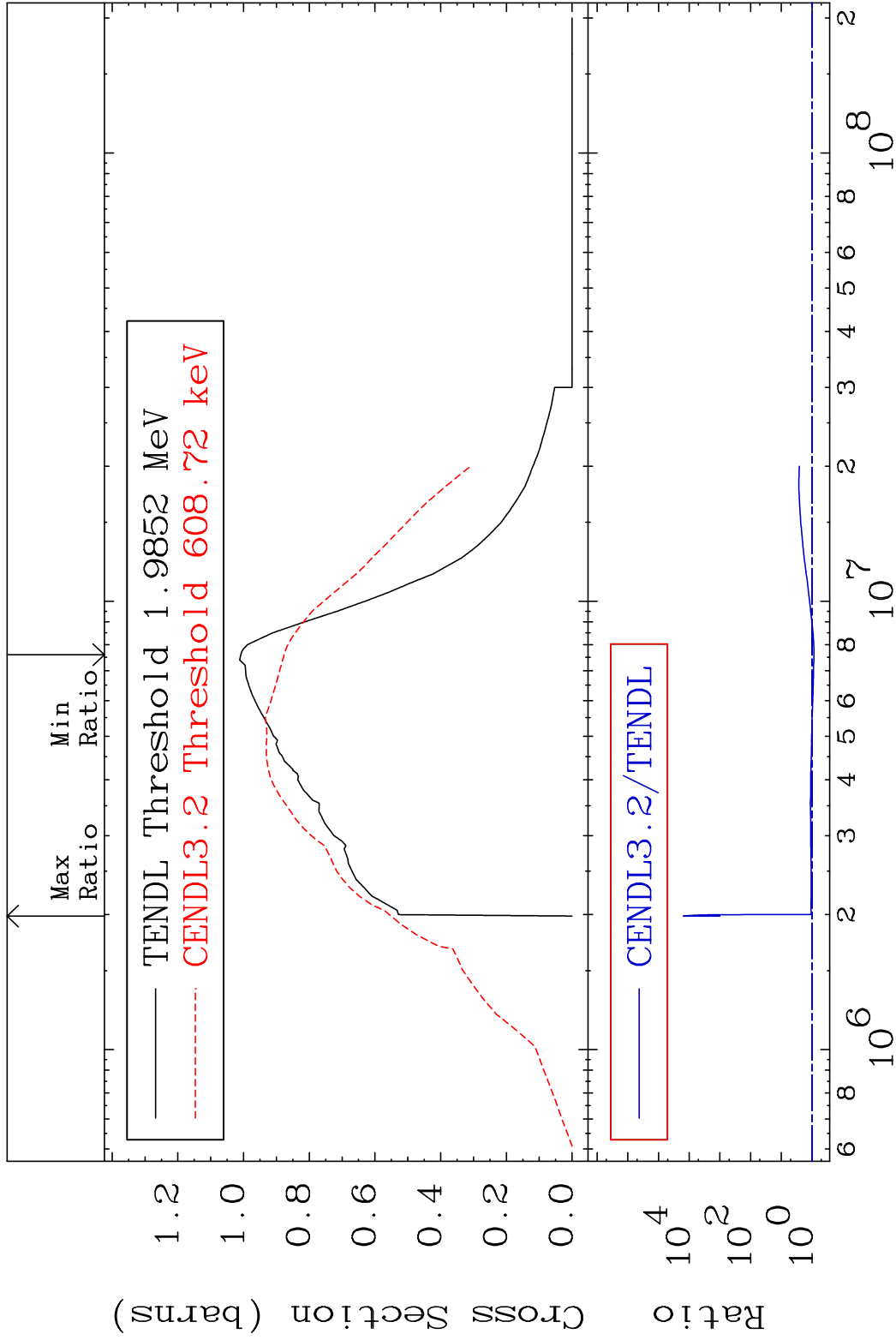
1      Incident Energy (eV)      12-Mg-25

MAT 1228                      Elastic                      <sup>12</sup>Mg-25  
 Cross Section                      -87.39 To 1905. %

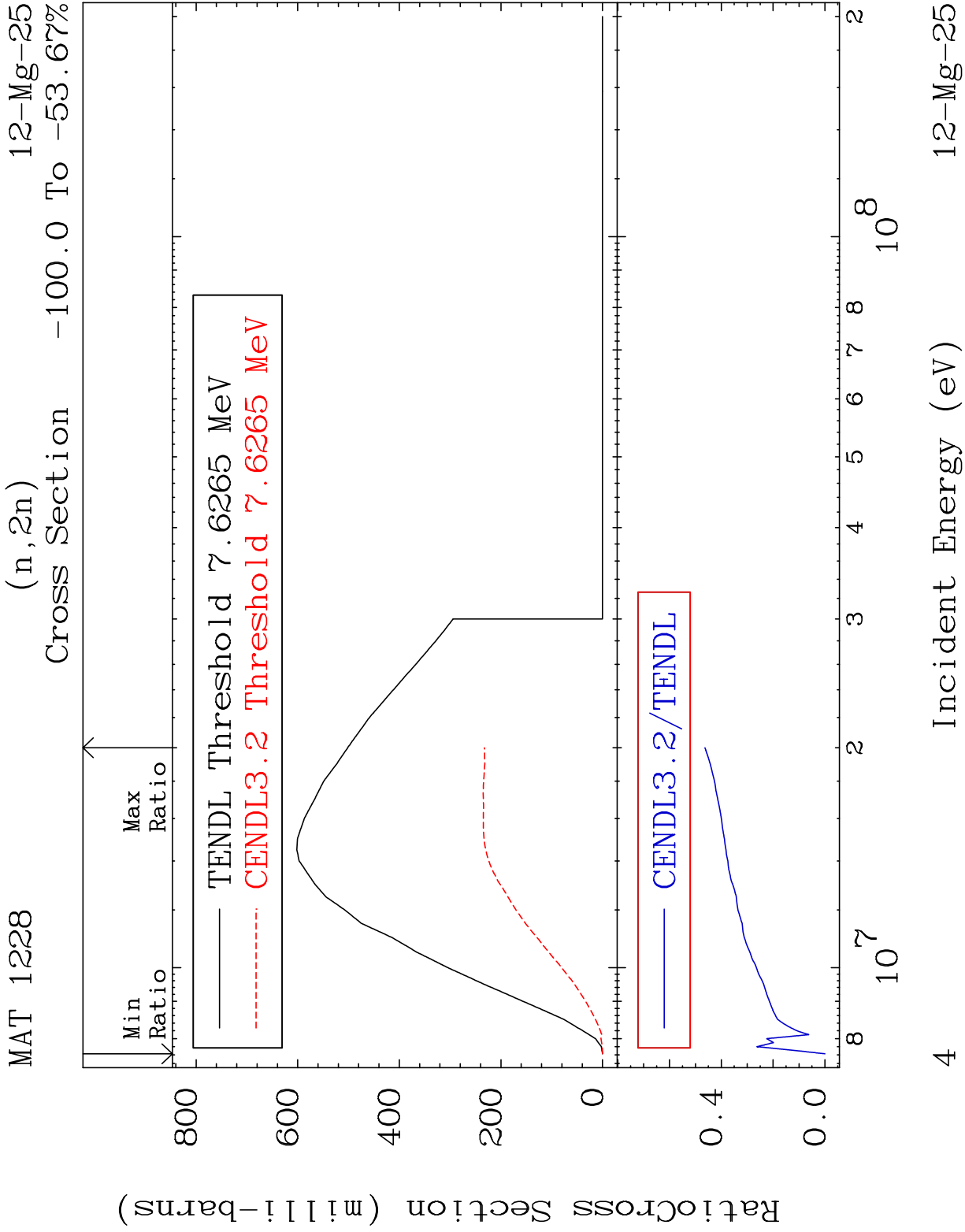


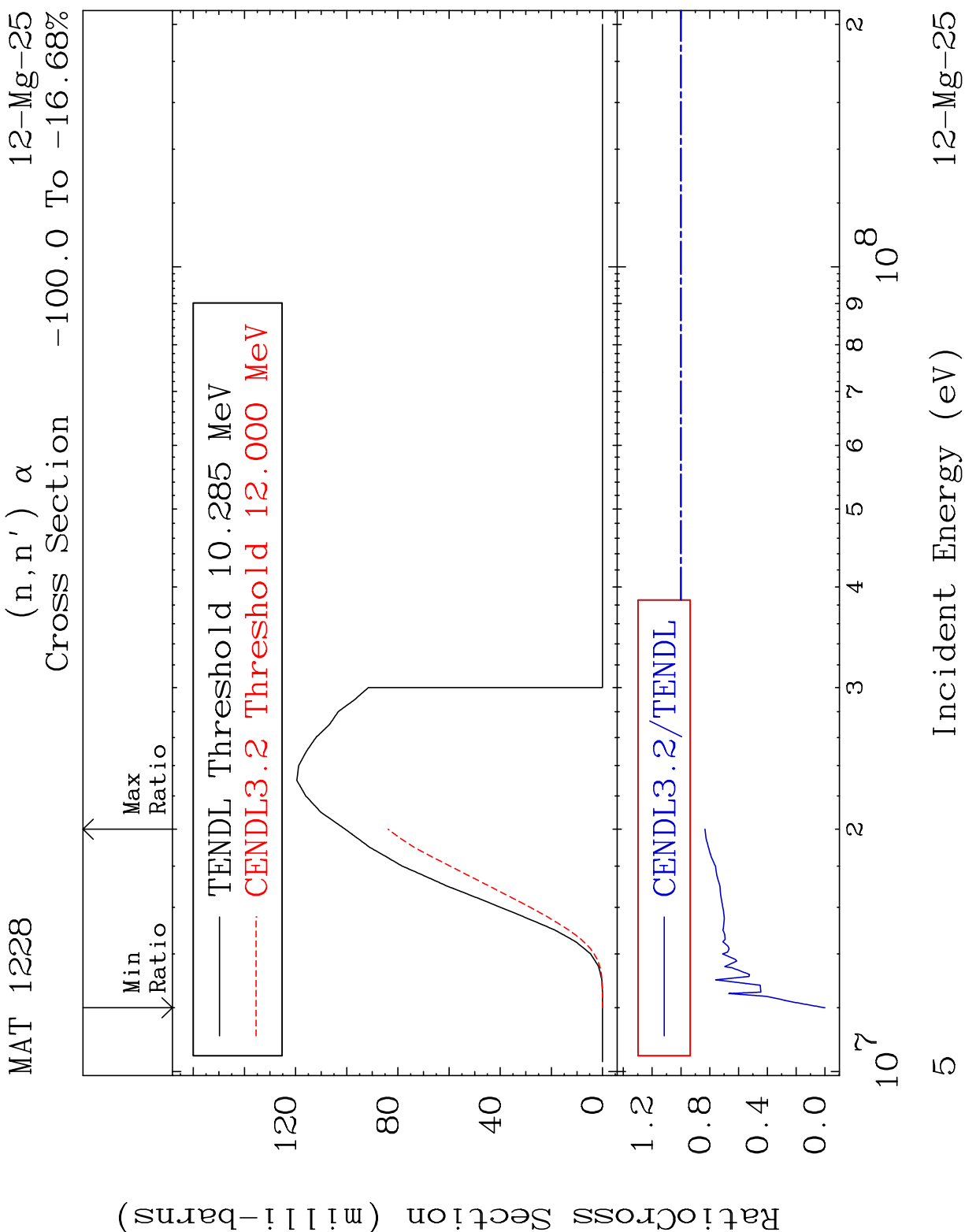
2                      Incident Energy (eV)                      <sup>12</sup>Mg-25

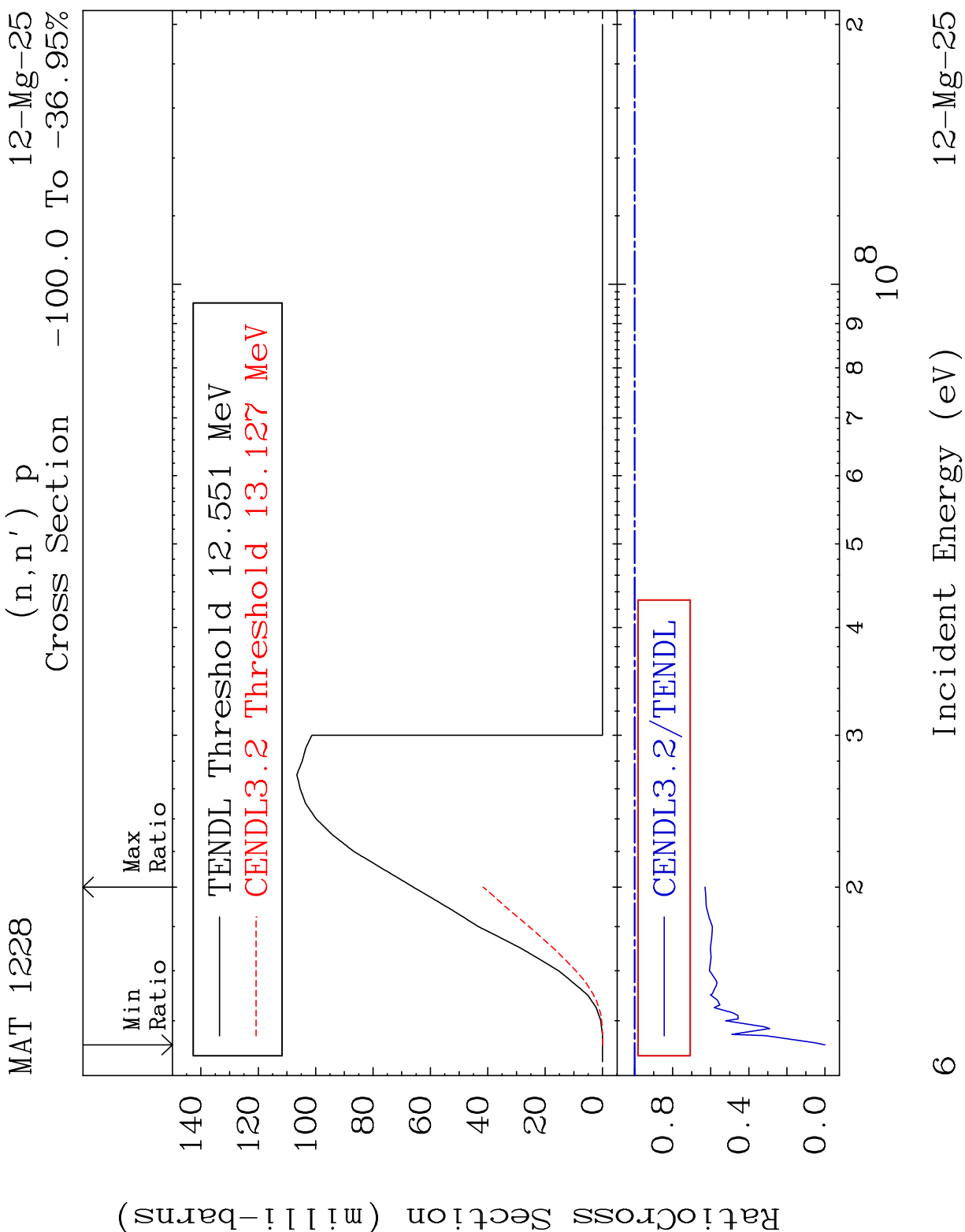
MAT 1228 Inelastic Cross Section -13.10 To 9999. % 12-Mg-25



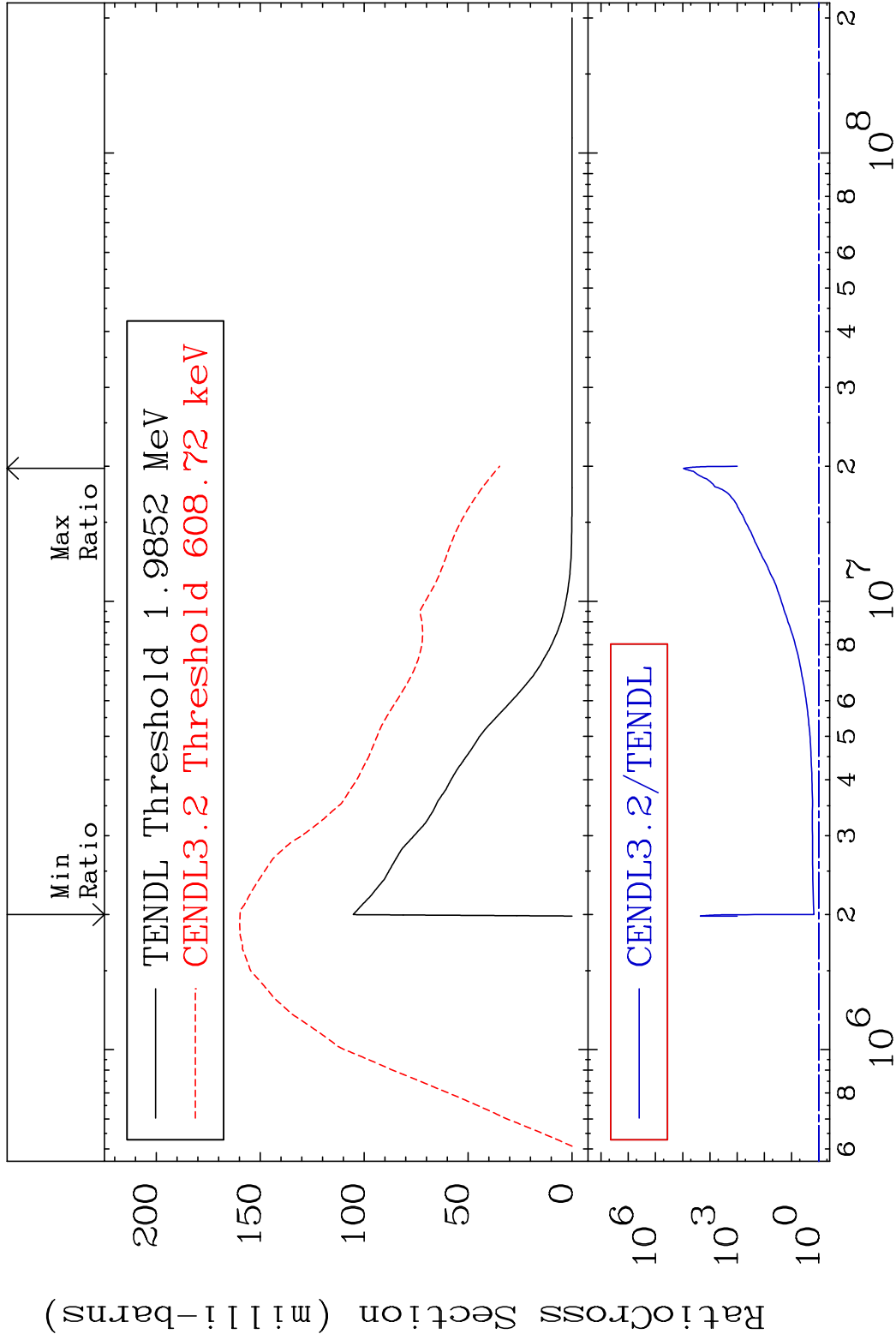
3 Incident Energy (eV) 12-Mg-25





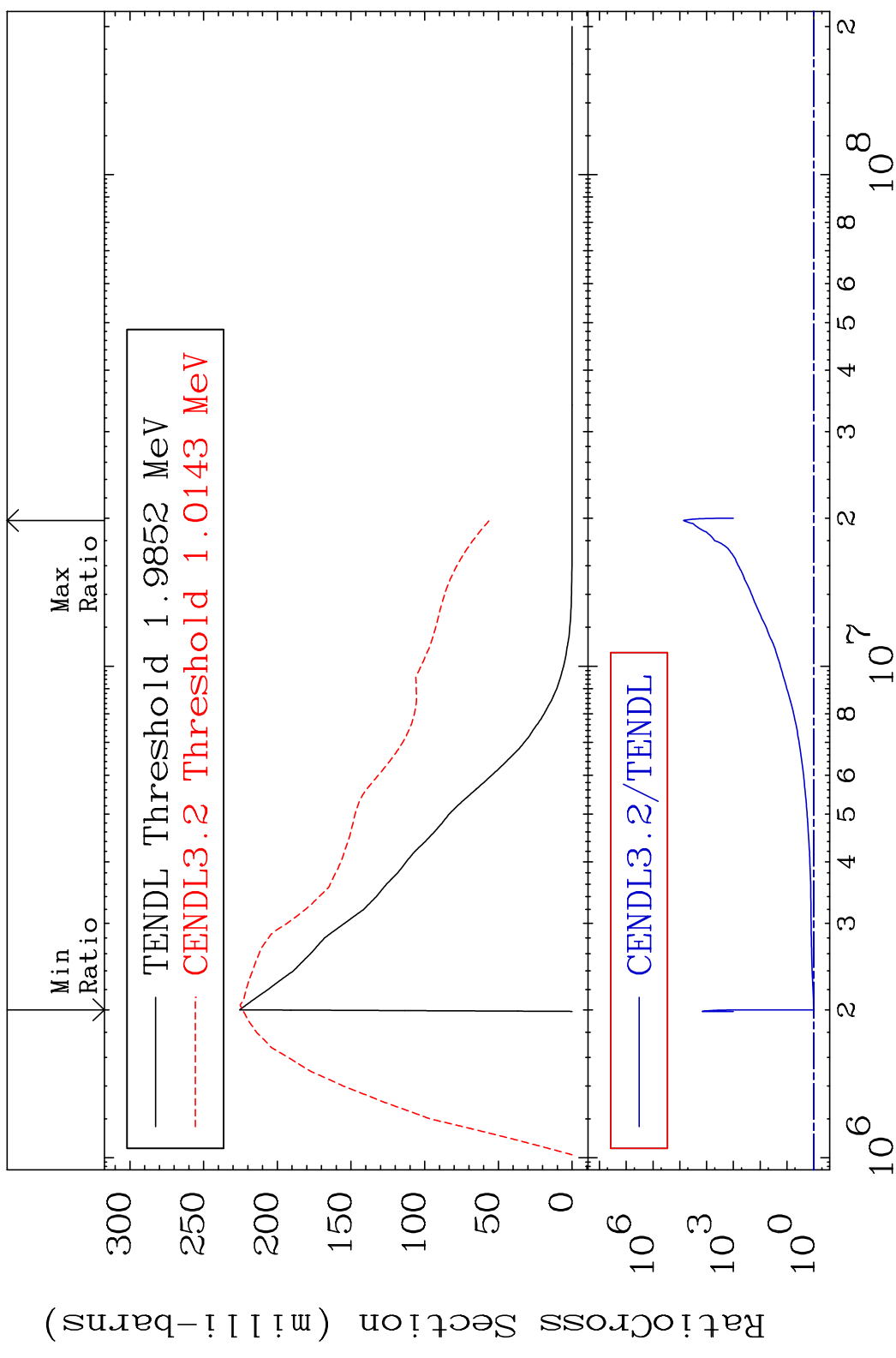


MAT 1228 MT= 51 (n, n') Level 12-Mg-25  
 Cross Section 51.69 To 9999. %



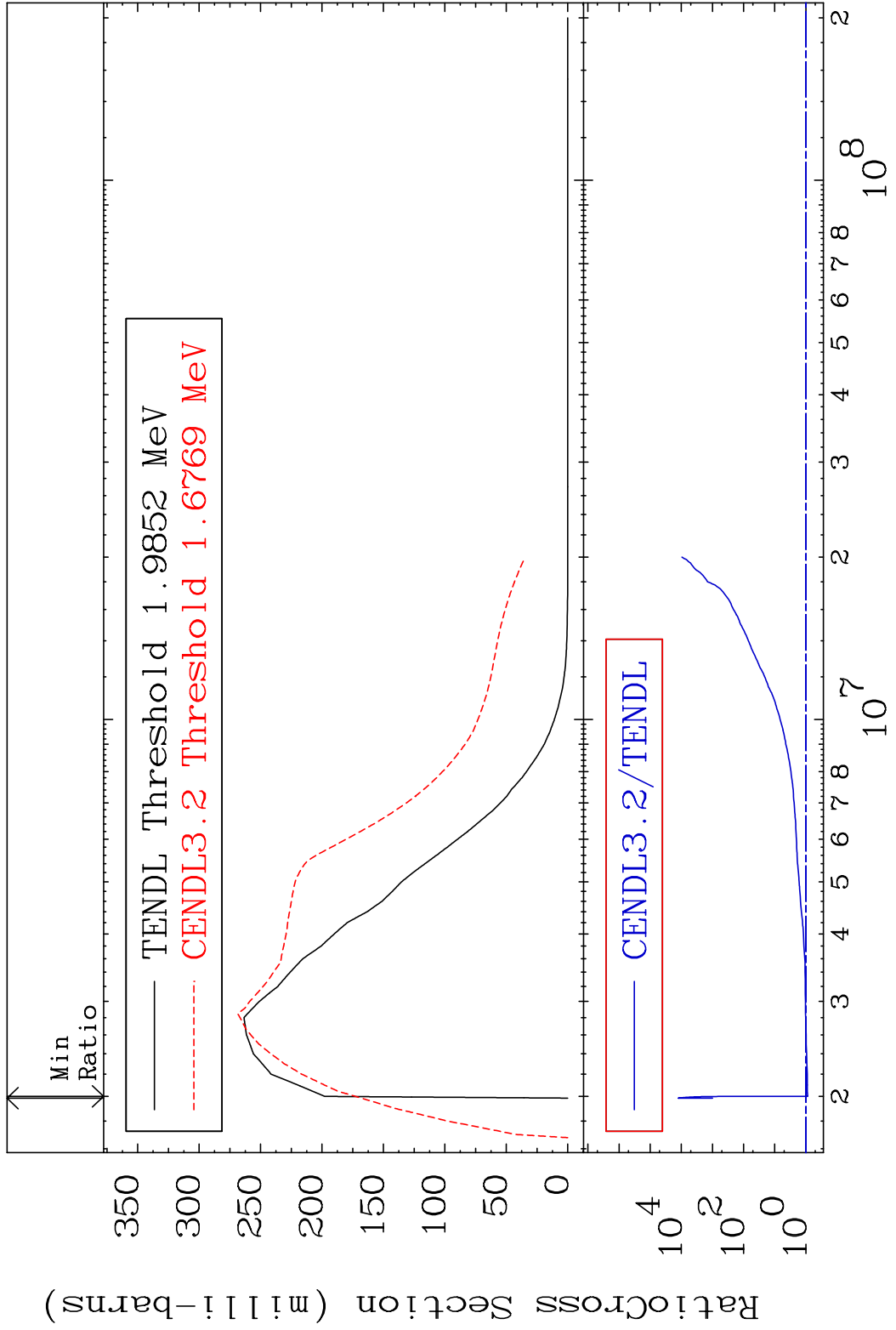


MAT 1228 MT= 52 (n, n') Level 12-Mg-25  
 Cross Section -0.886 To 9999. %

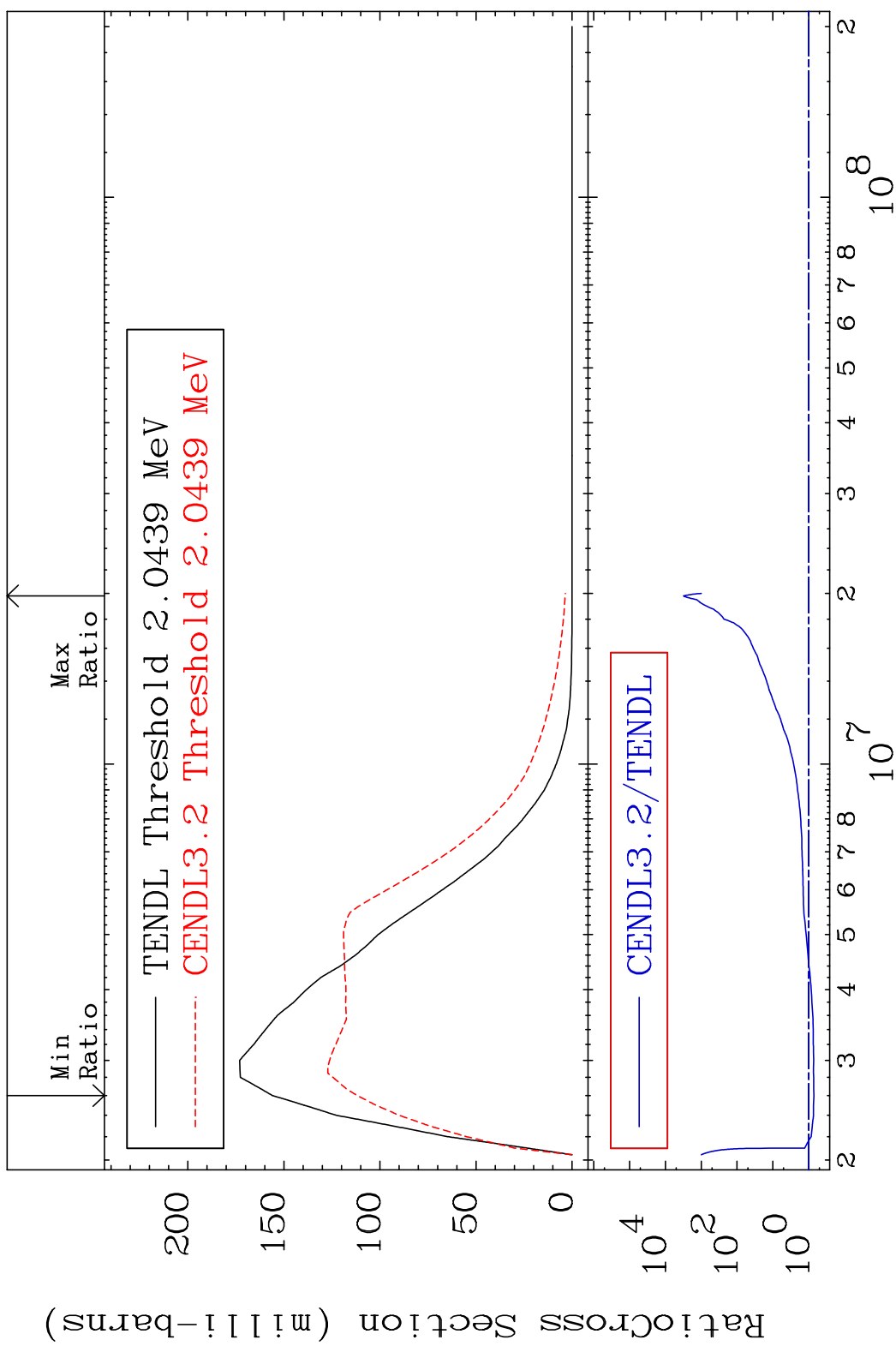


8 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup> 12-Mg-25

MAT 1228 MT= 53 (n, n') Level 12-Mg-25  
 Cross Section -12.65 To 9999. %

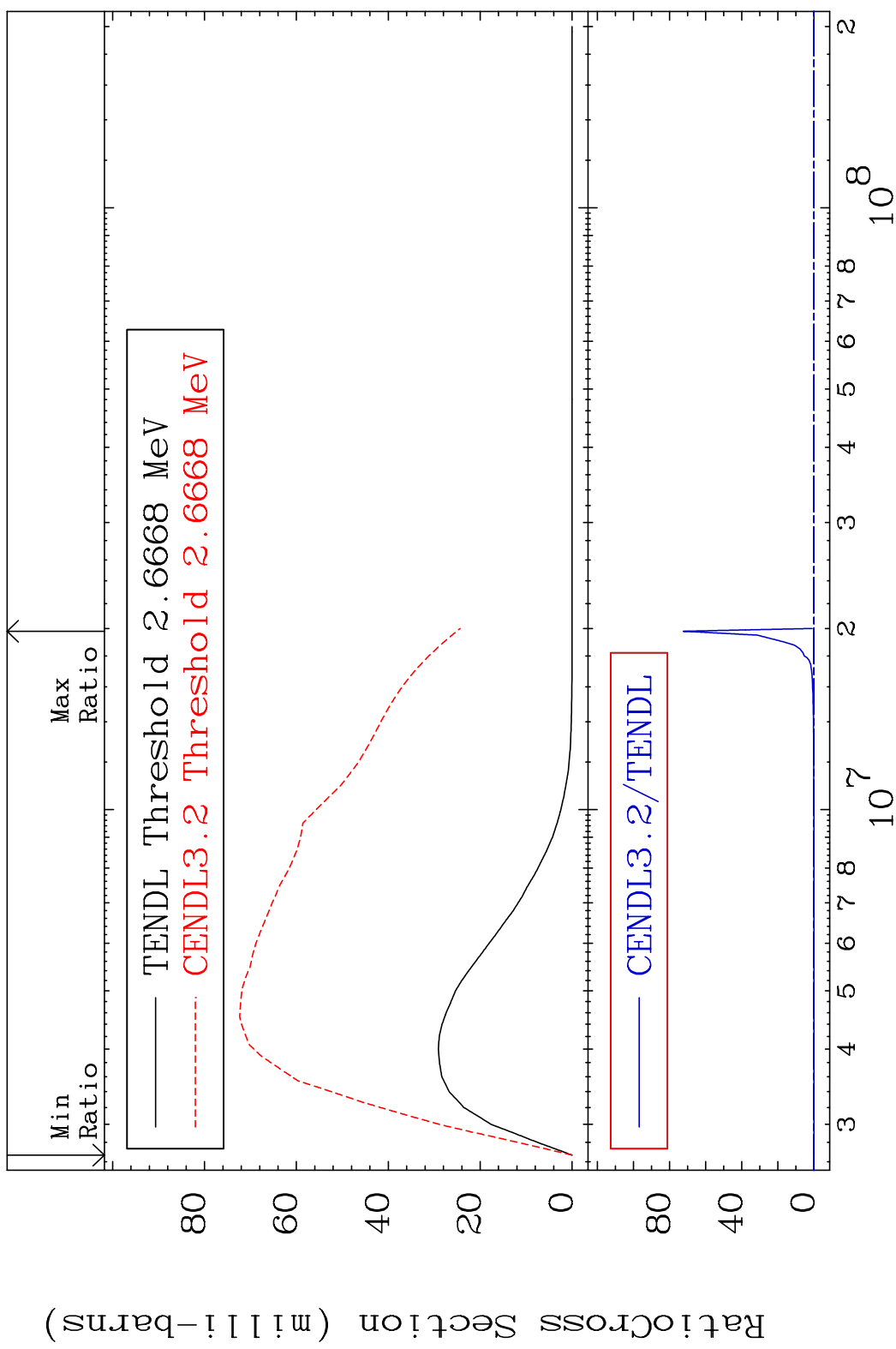


MAT 1228 MT= 54 (n, n') Level 12-Mg-25  
 Cross Section -28.31 To 9999. %



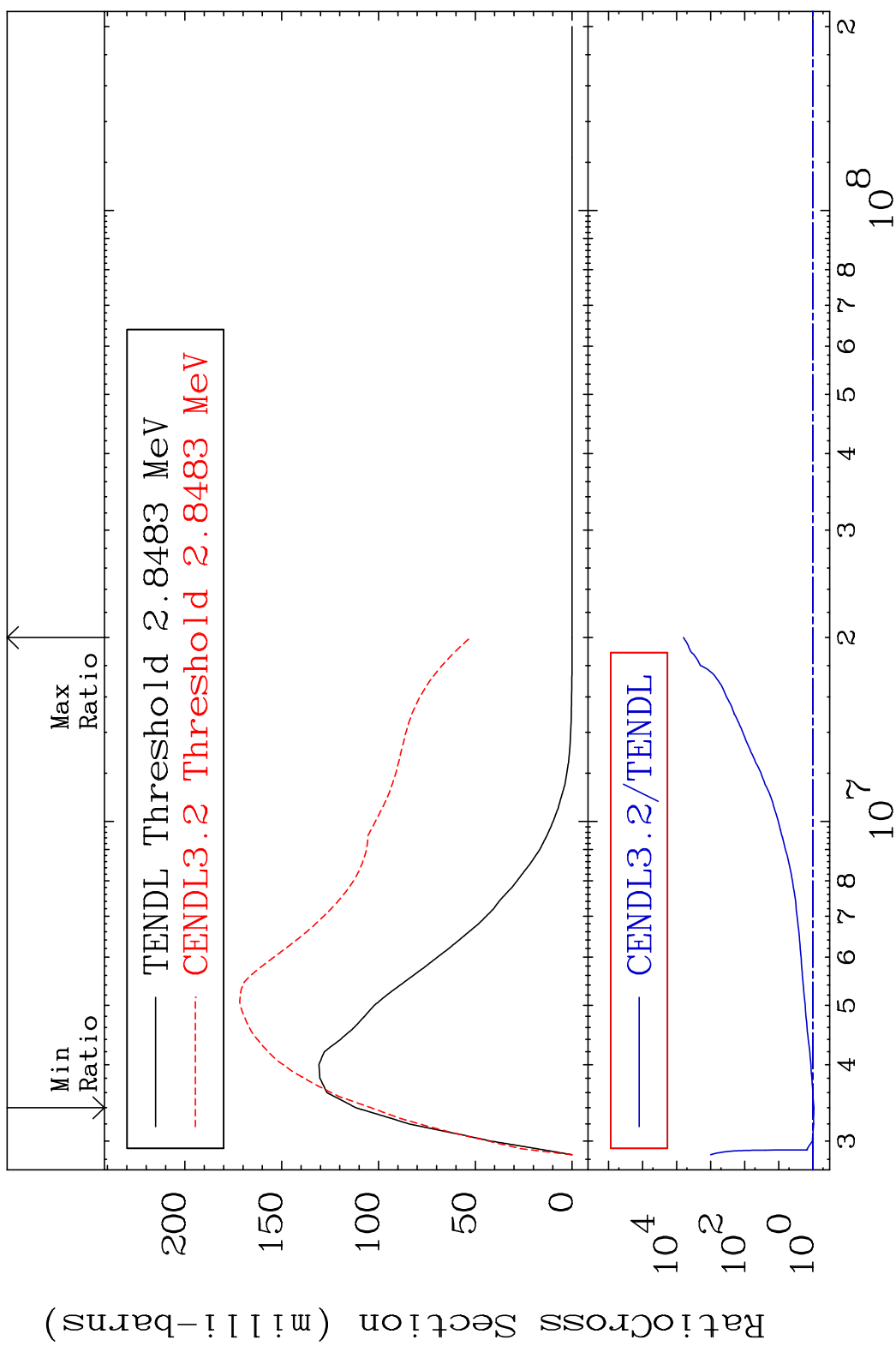
10 12-Mg-25

MAT 1228 MT= 55 (n, n') Level 12-Mg-25  
 Cross Section -100.0 To 9999. %



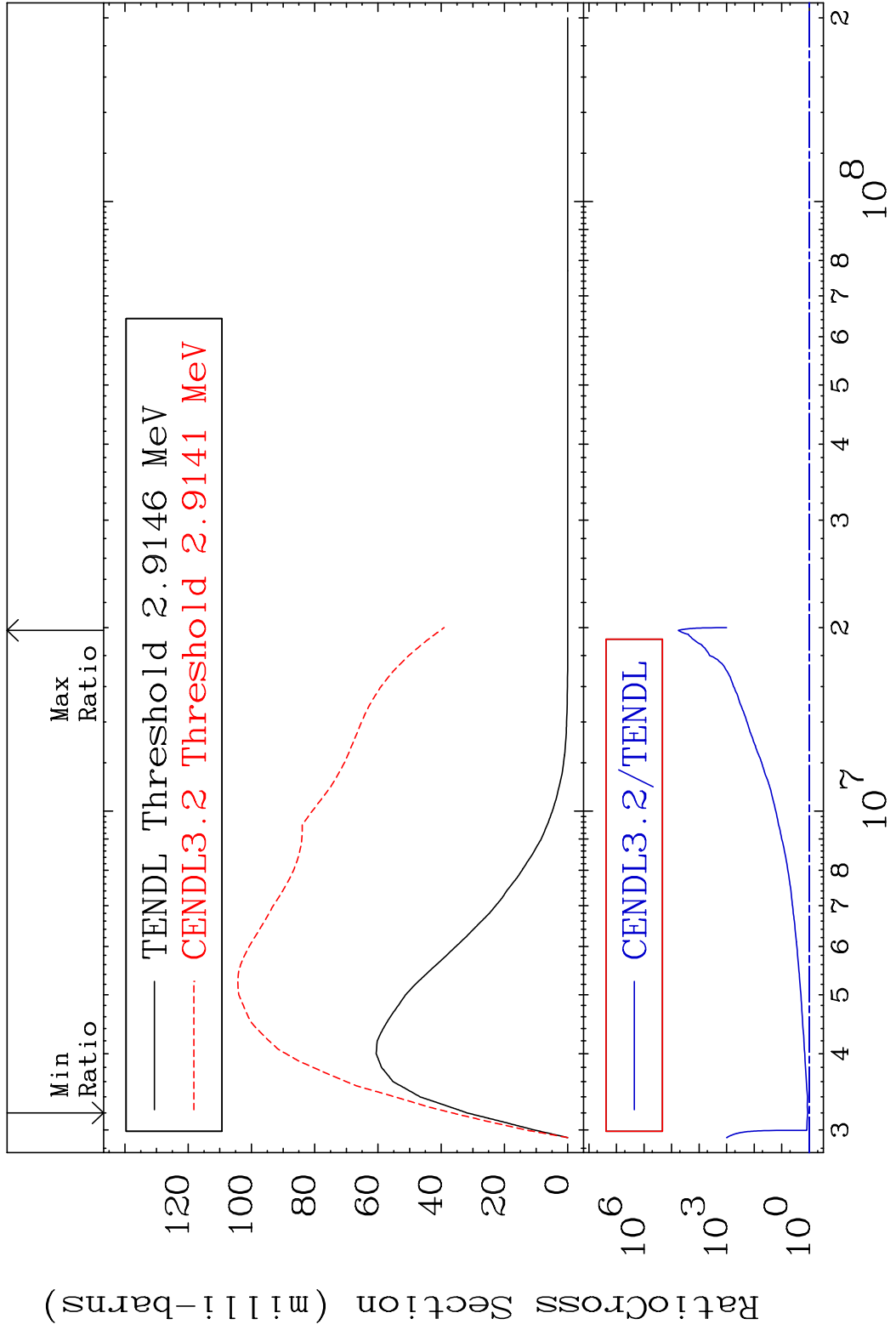
11 Incident Energy (eV) 12-Mg-25

MAT 1228 MT= 56 (n, n') Level 12-Mg-25  
 Cross Section -7.030 To 9999. %

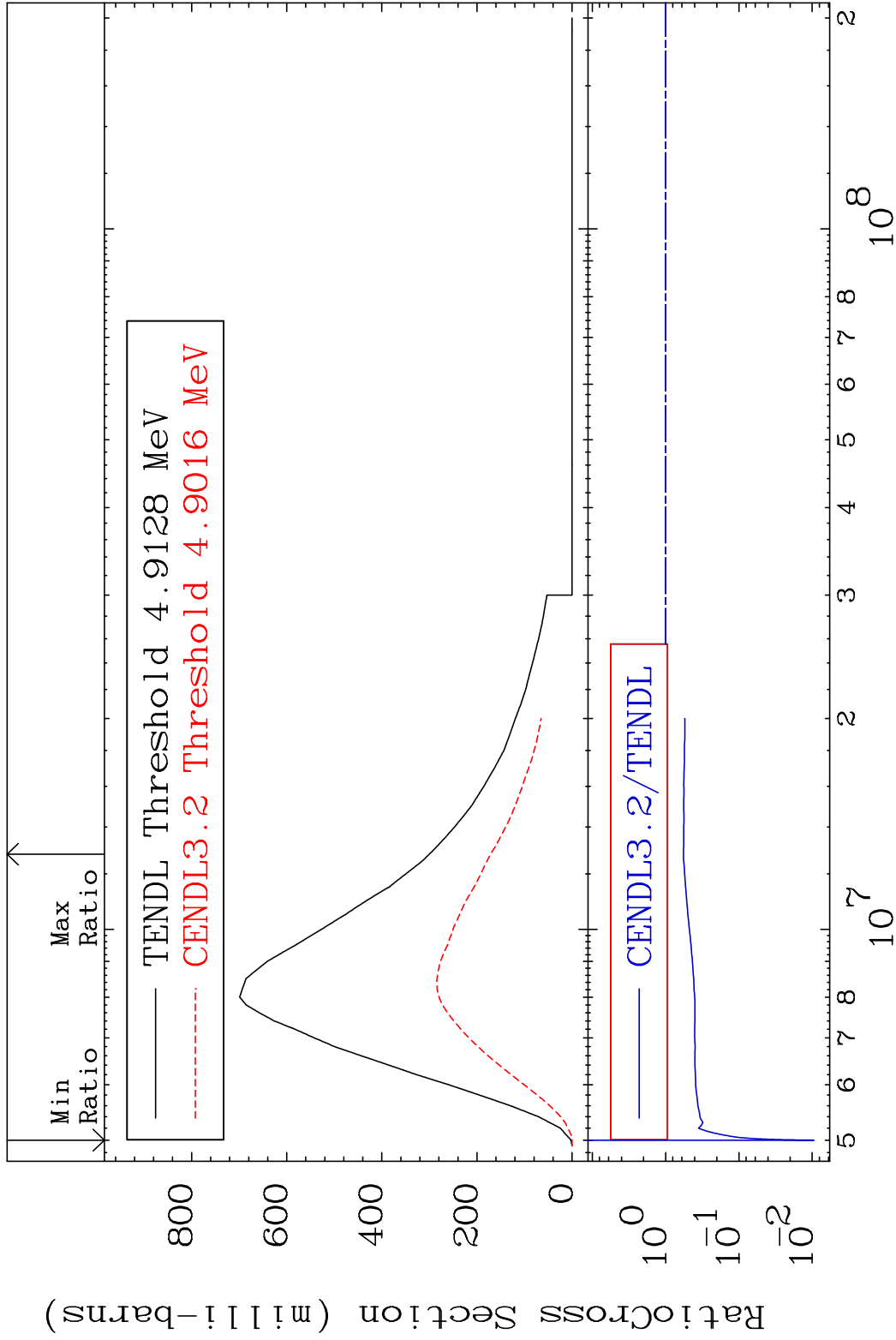


12 Incident Energy (eV) 12-Mg-25

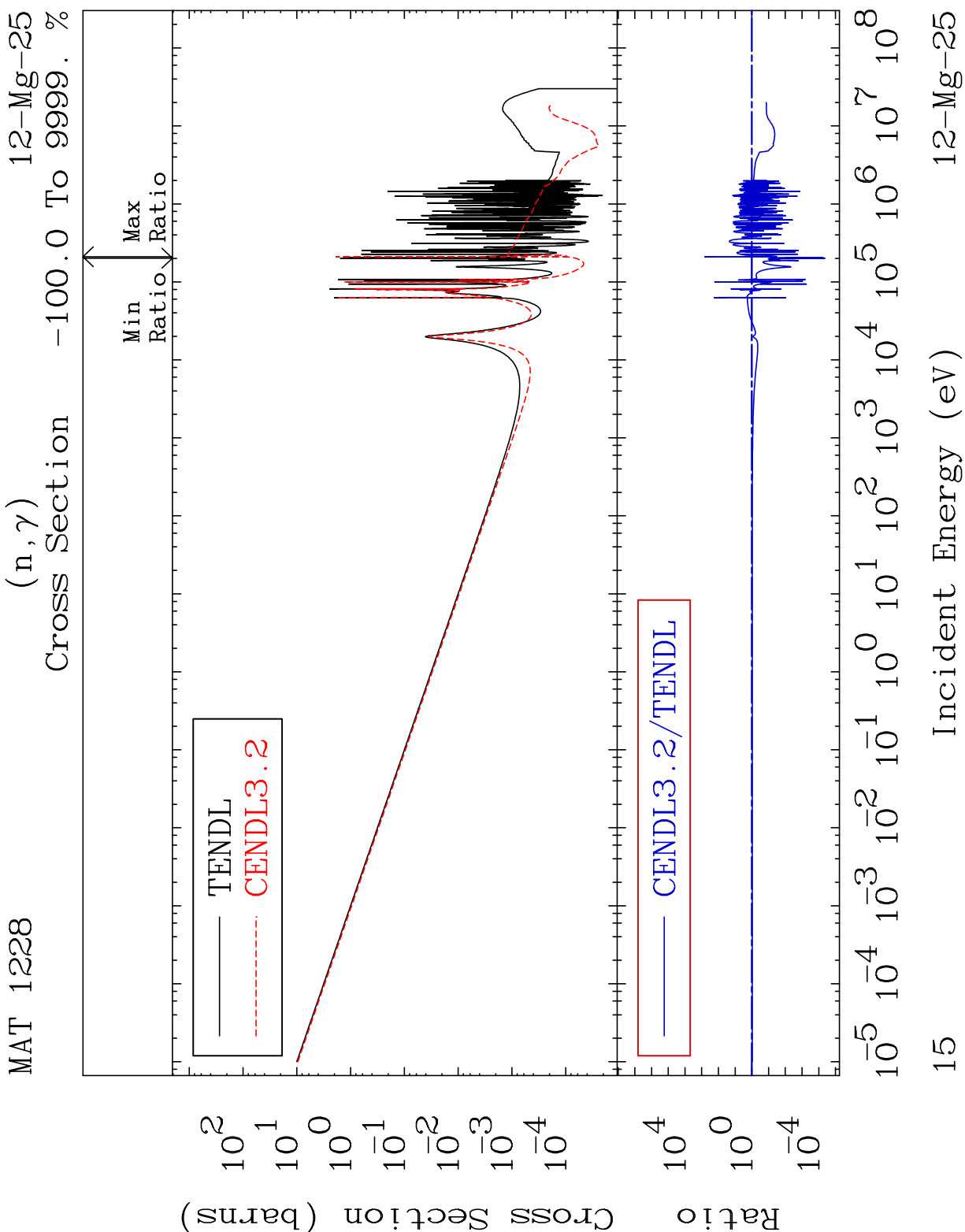
MAT 1228 MT= 57 (n, n') Level 12-Mg-25  
 Cross Section 14.65 To 9999. %



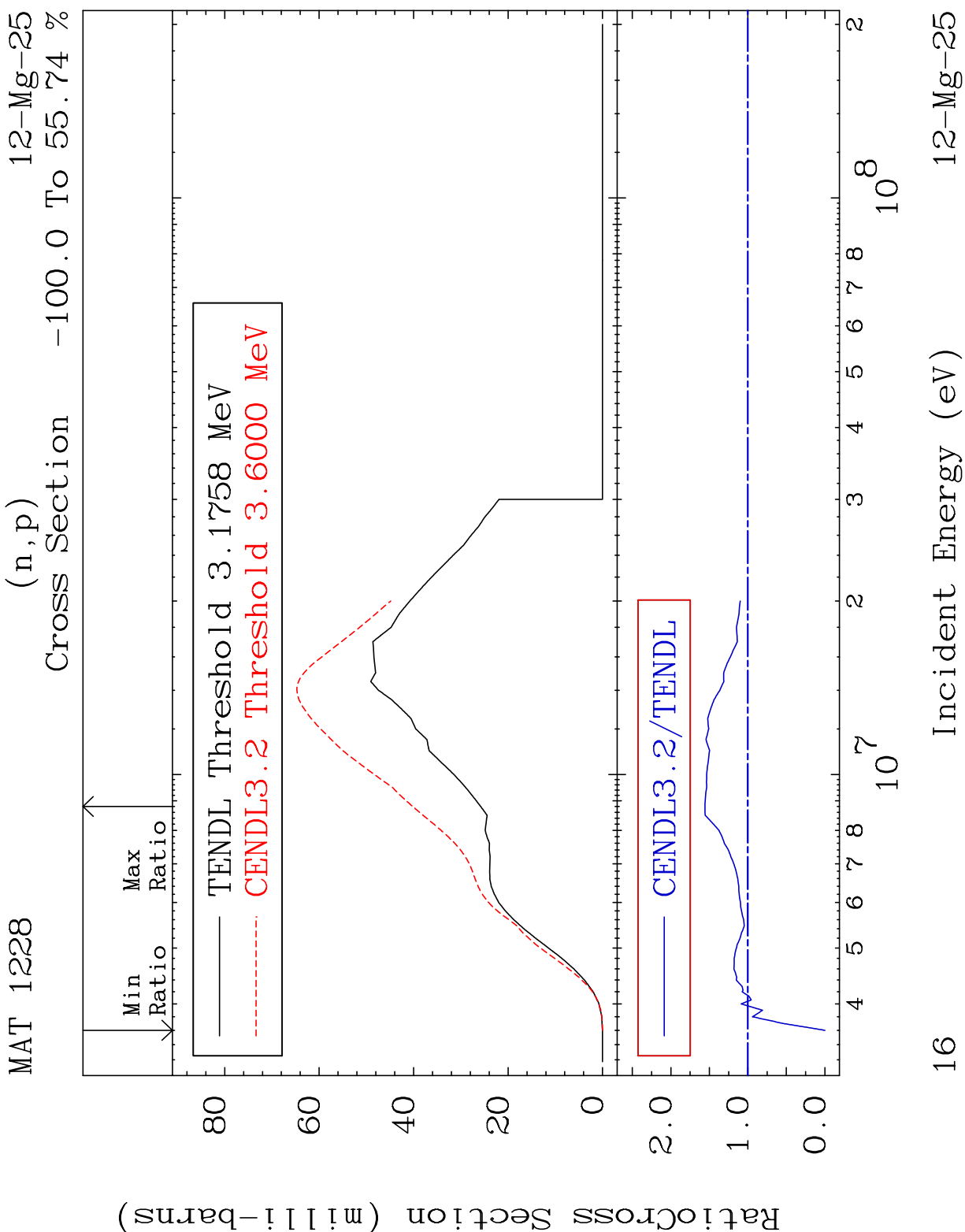
MAT 1228 (n, n') Continuum 12-Mg-25  
 Cross Section -99.05 To -42.91%

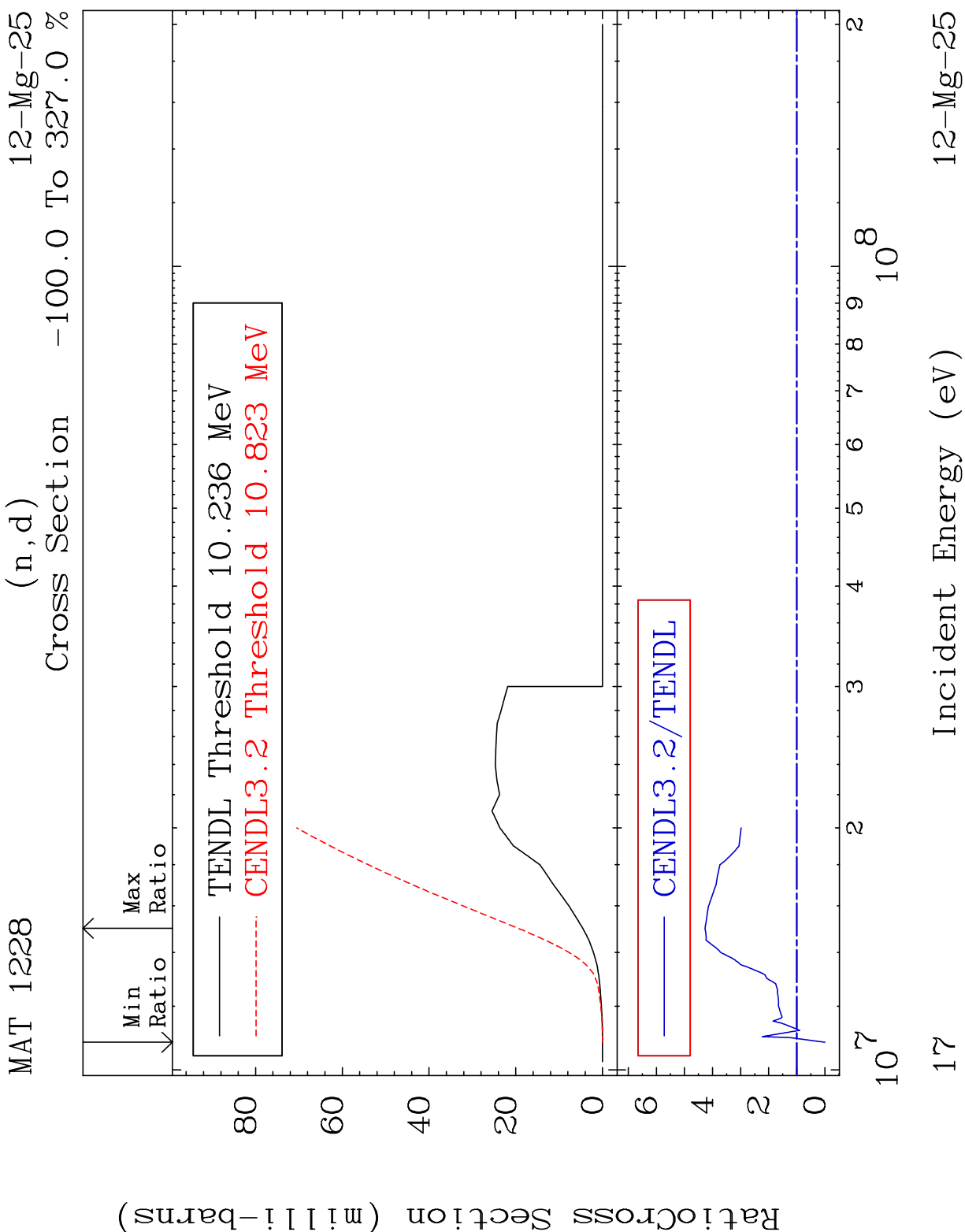


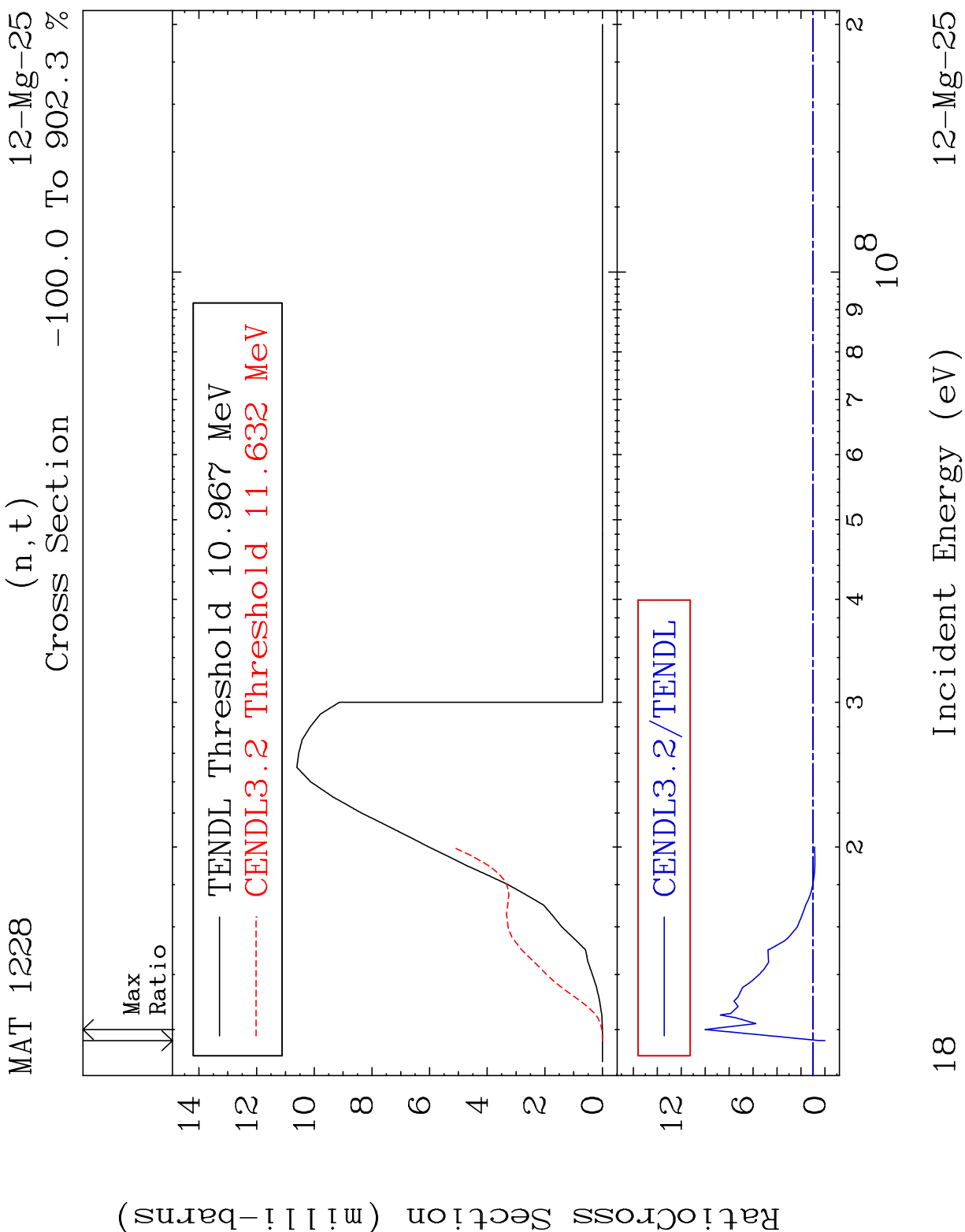
14 Incident Energy (eV) 12-Mg-25



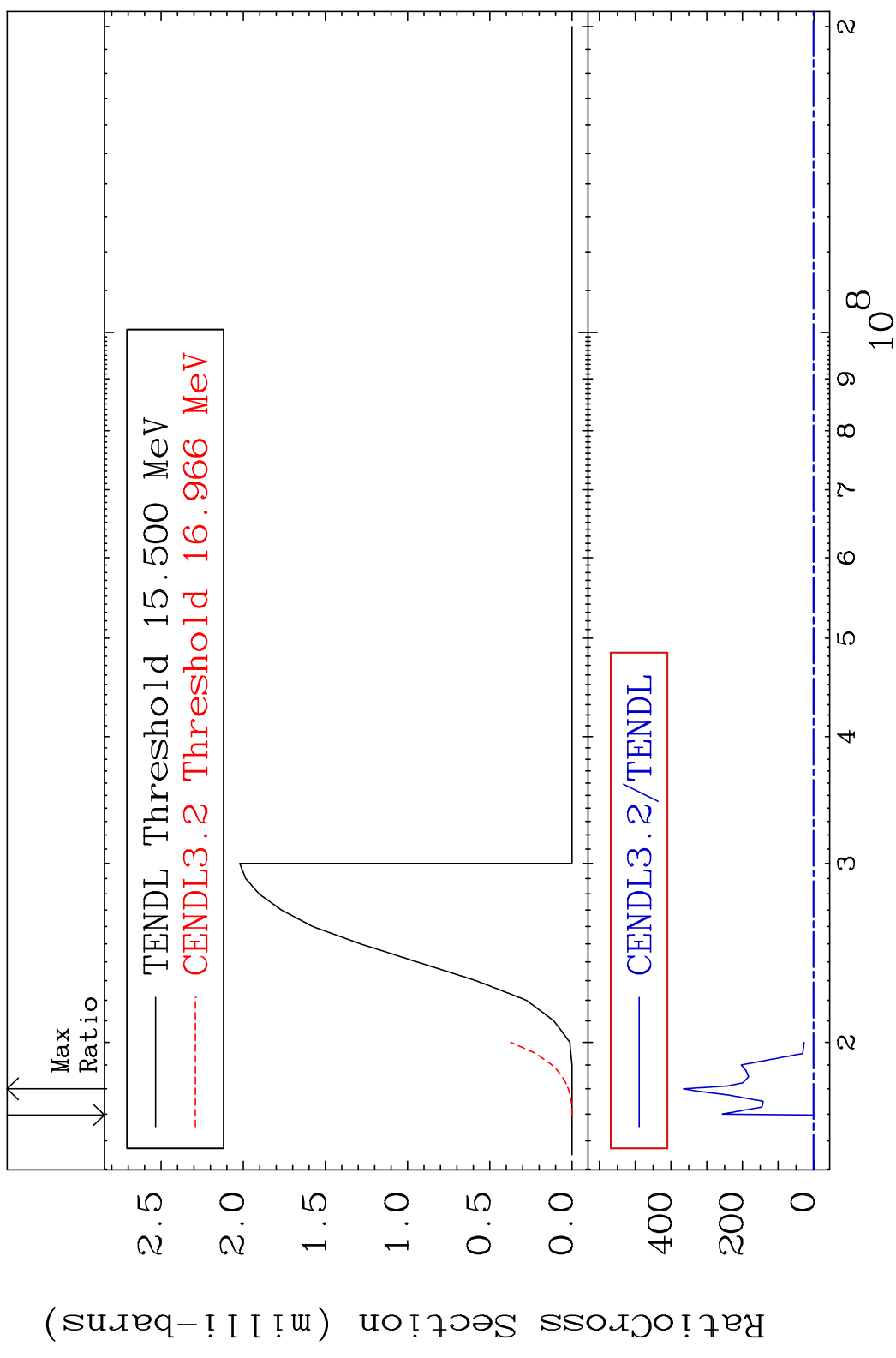




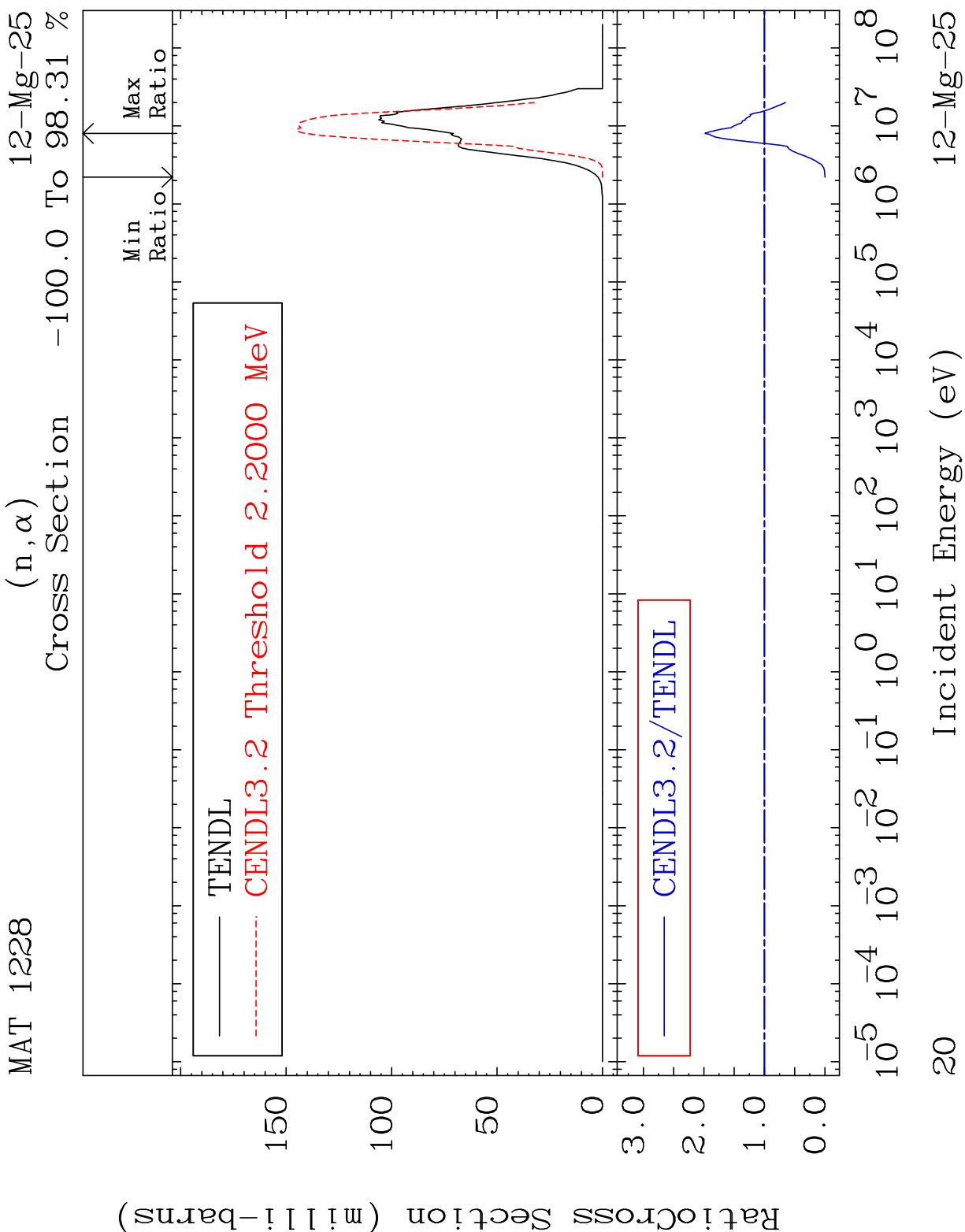


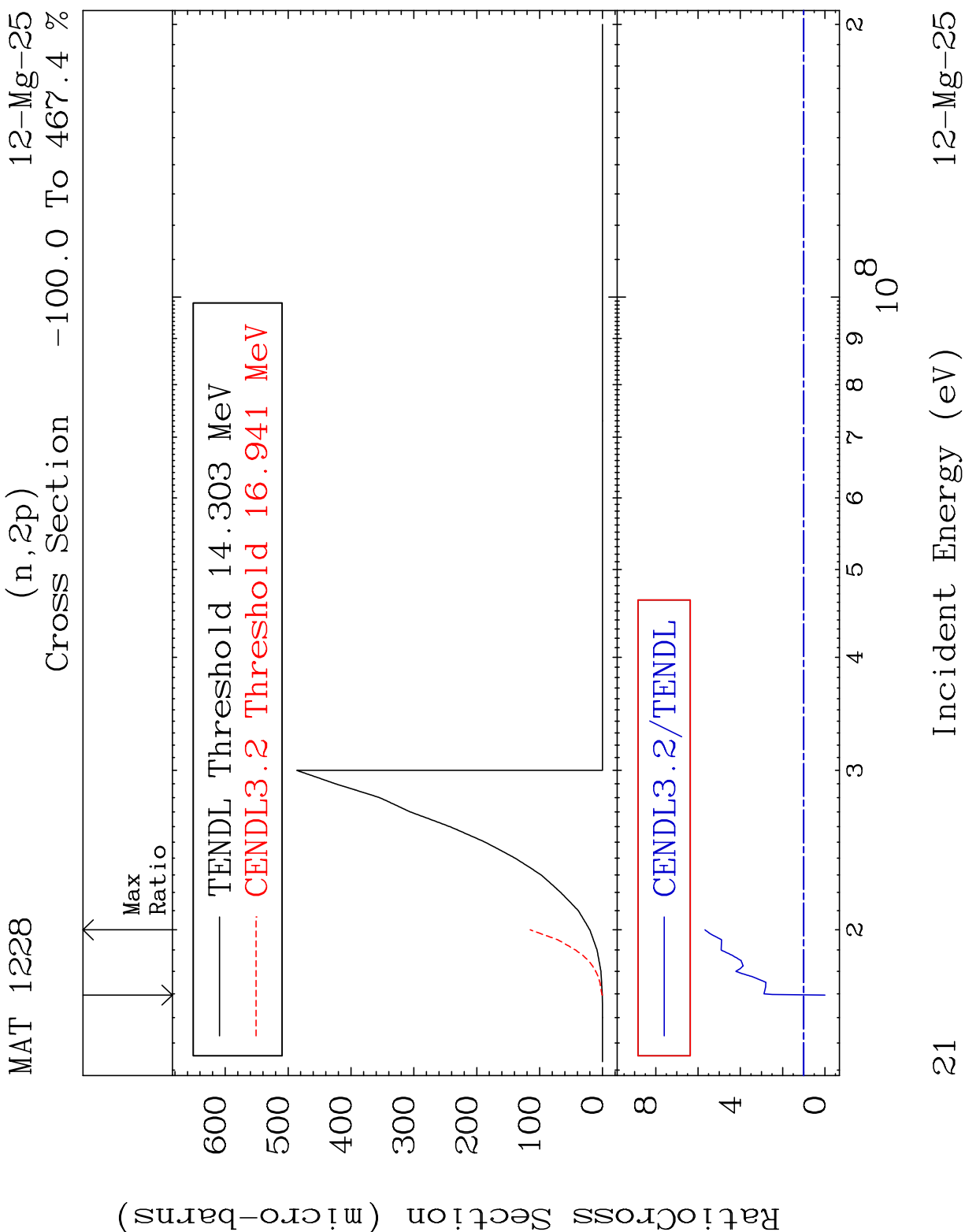


MAT 1228 (n, He-3) 12-Mg-25  
 Cross Section -100.0 To 9999. %

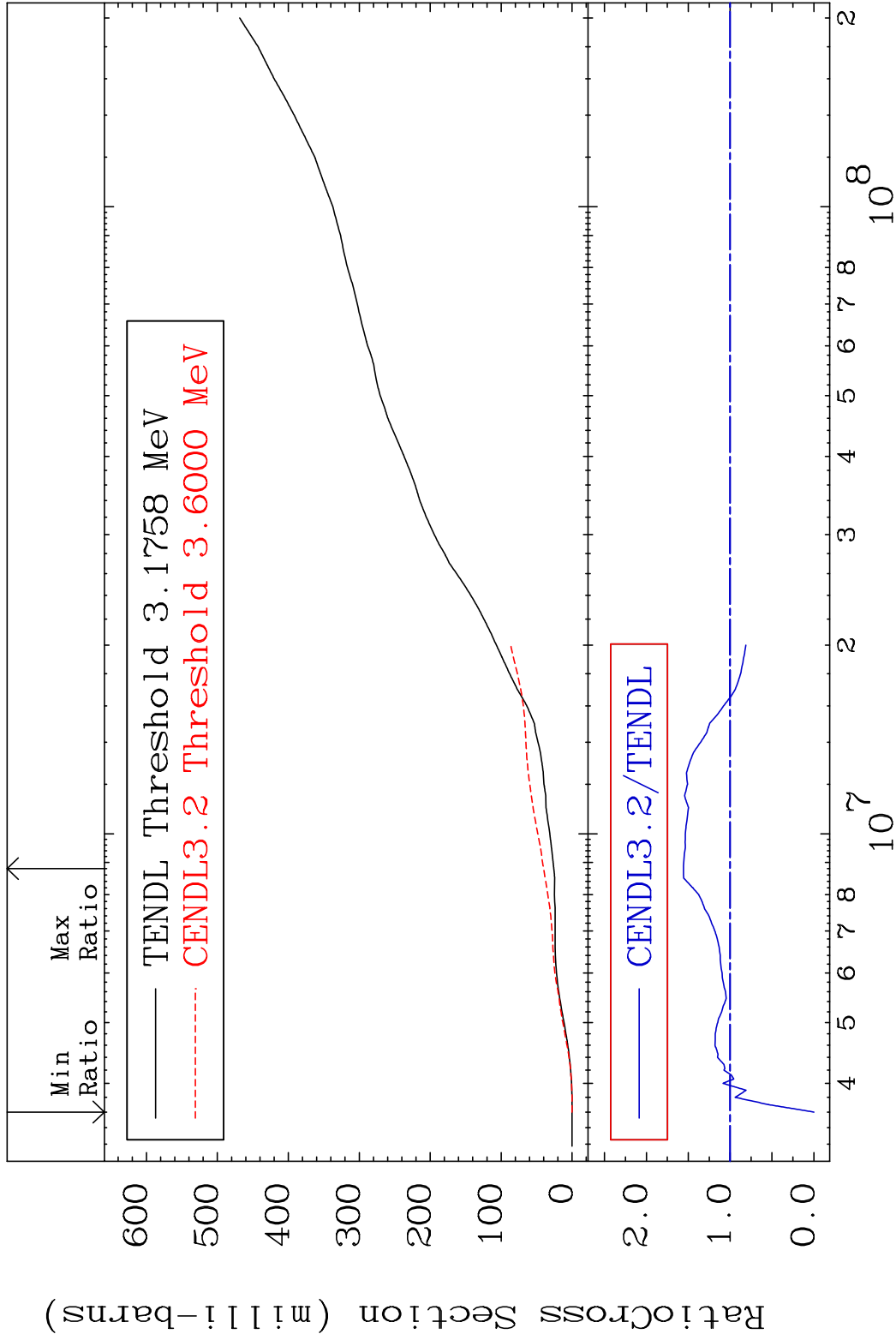


19 12-Mg-25

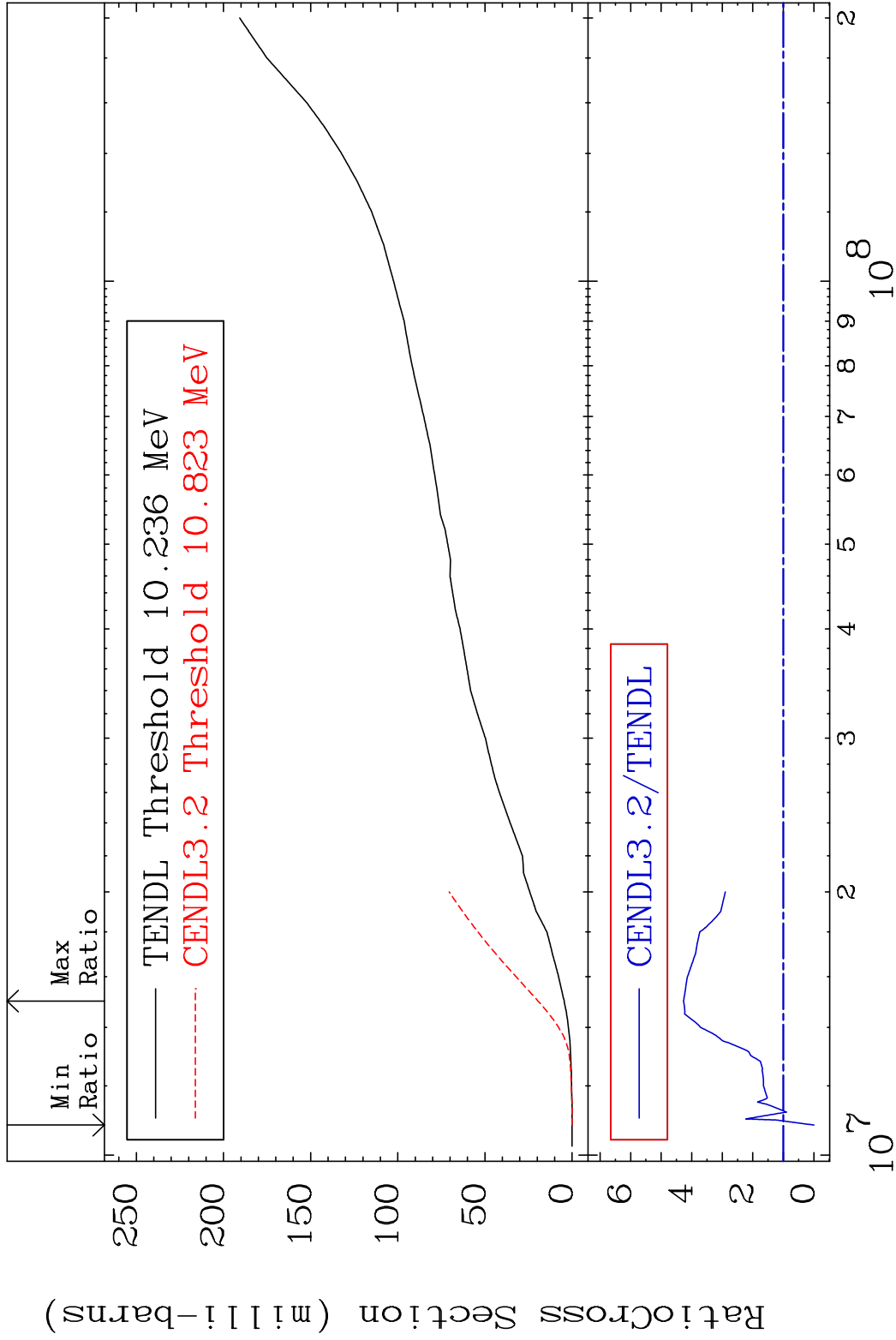




MAT 1228 Hydrogen Production 12-Mg-25  
 Cross Section -100.0 To 55.74 %



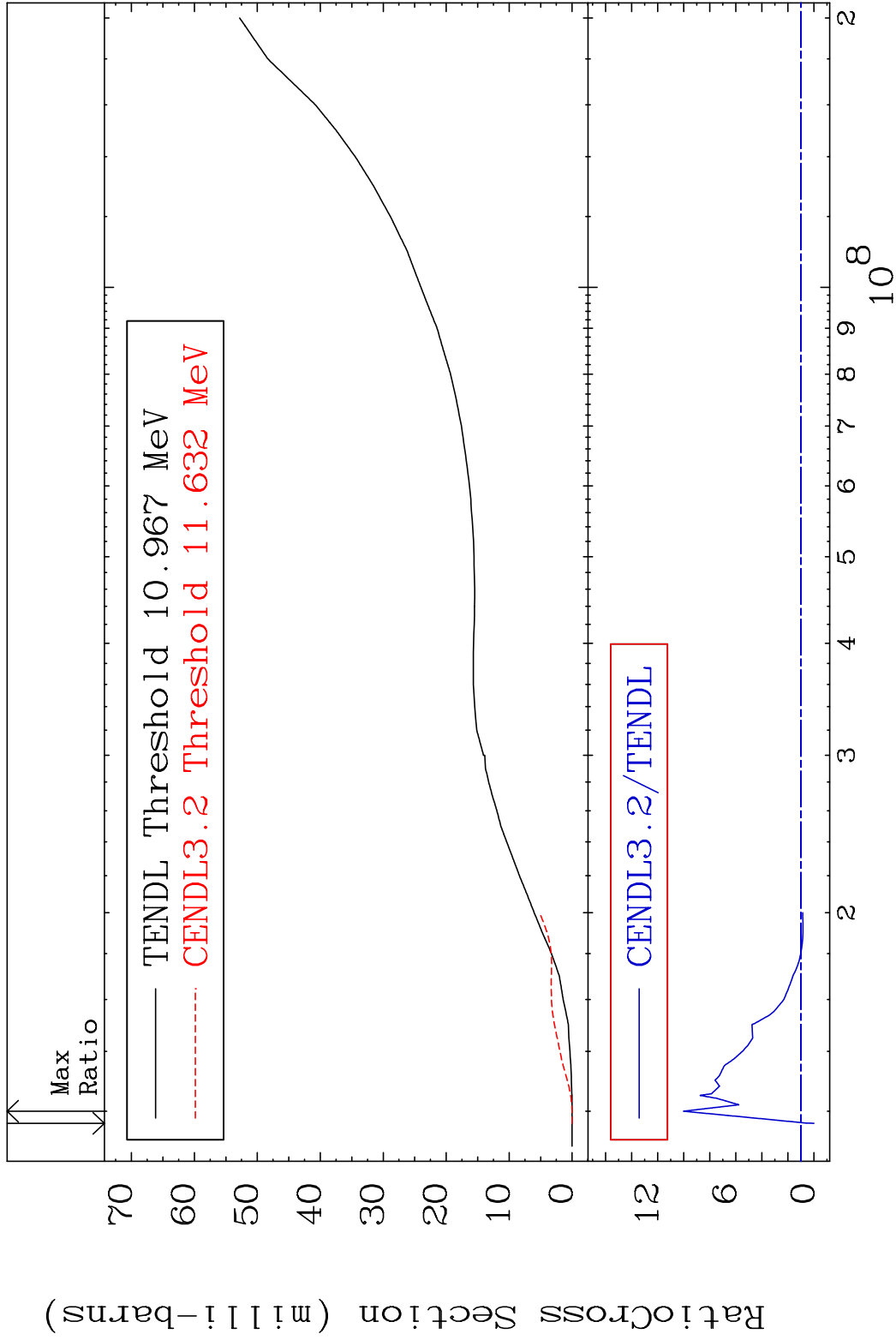
MAT 1228 Deuterium Production 12-Mg-25  
 Cross Section -100.0 To 327.0 %



23 Incident Energy (eV) 12-Mg-25



MAT 1228 Tritium Production 12-Mg-25  
 Cross Section -100.0 To 902.3 %



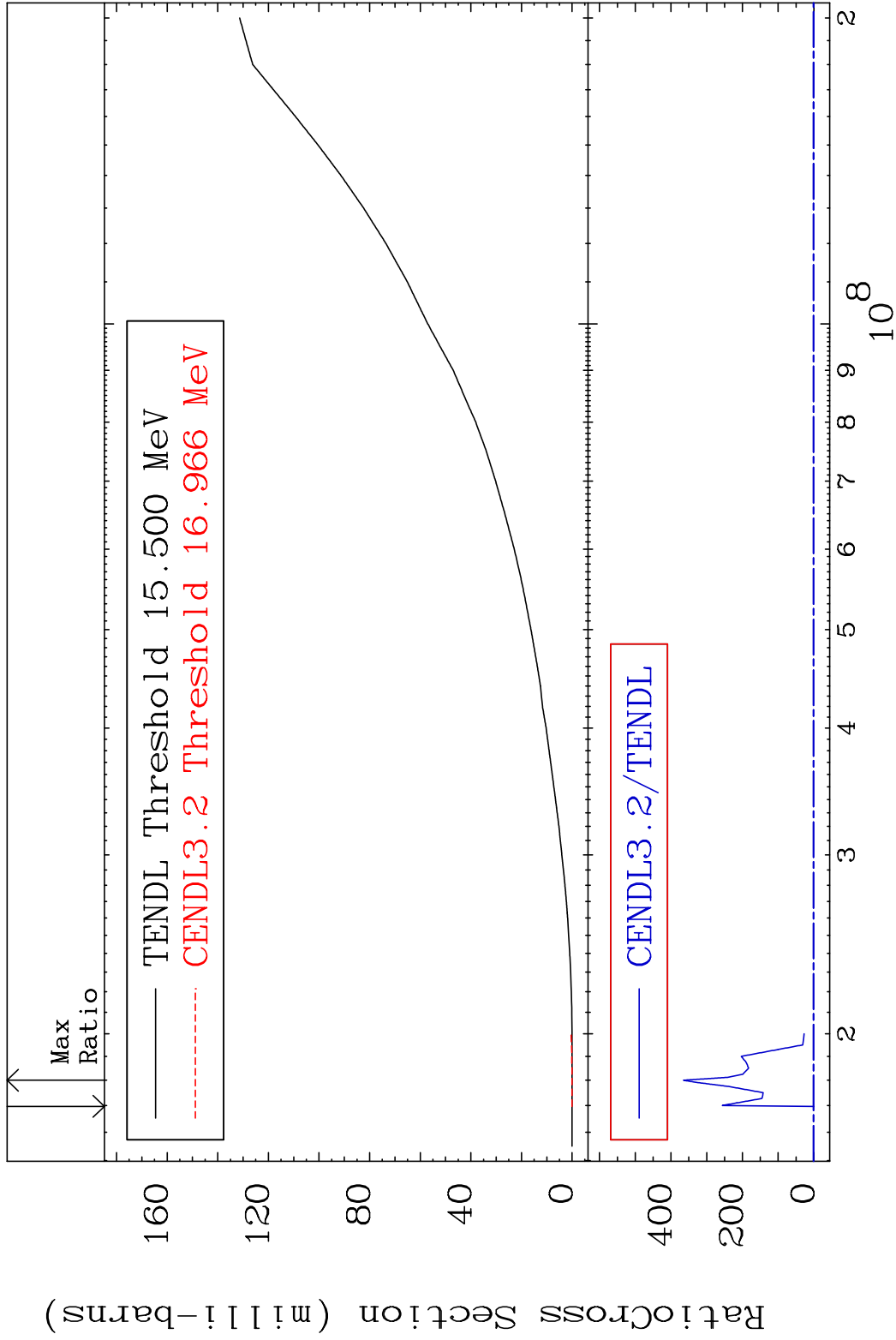
24 Incident Energy (eV) 12-Mg-25

MAT 1228

He-3 Production

12-Mg-25

Cross Section -100.0 To 9999. %



25

Incident Energy (eV)

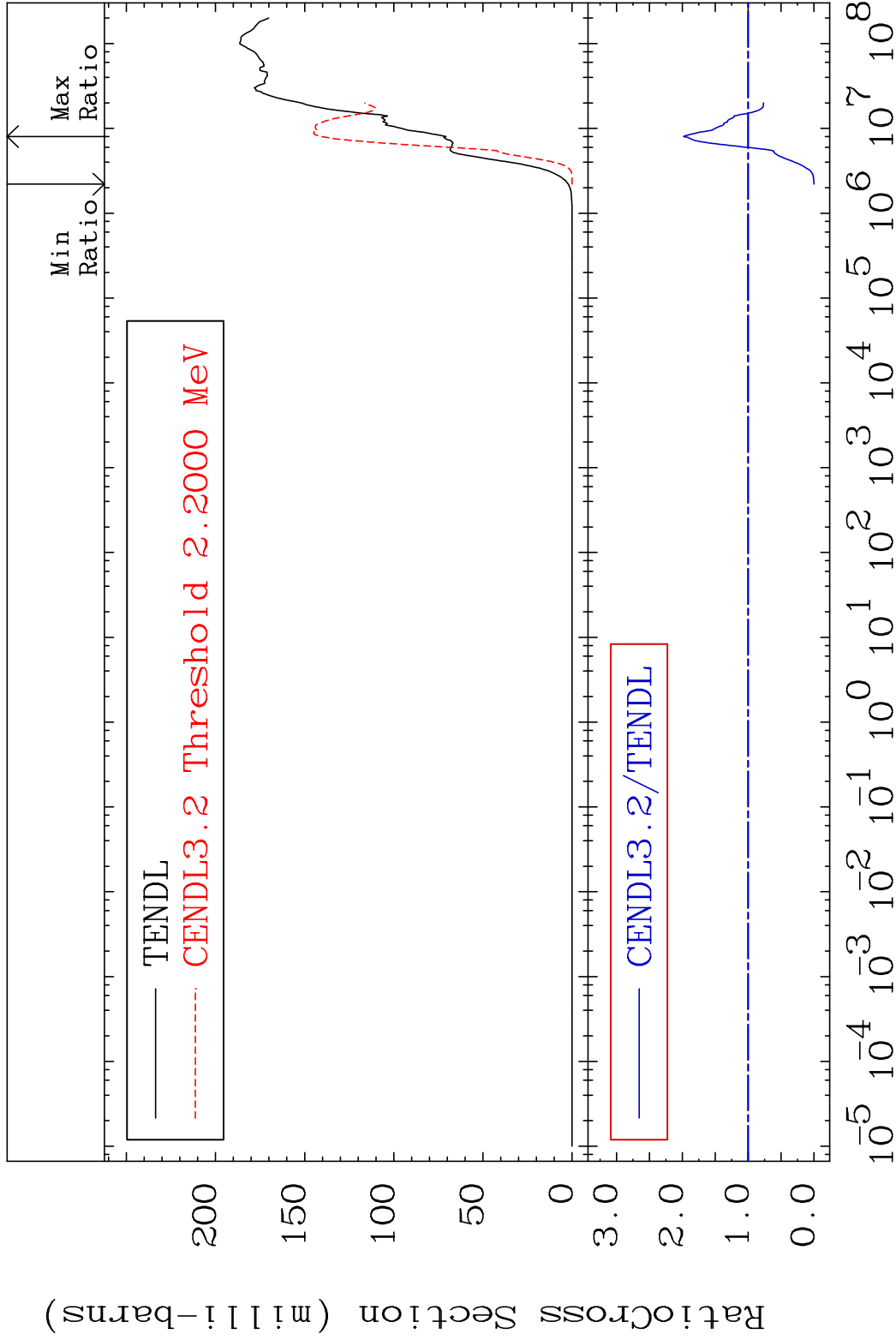
12-Mg-25

MAT 1228

He-4 Production

12-Mg-25

Cross Section -100.0 To 98.31 %

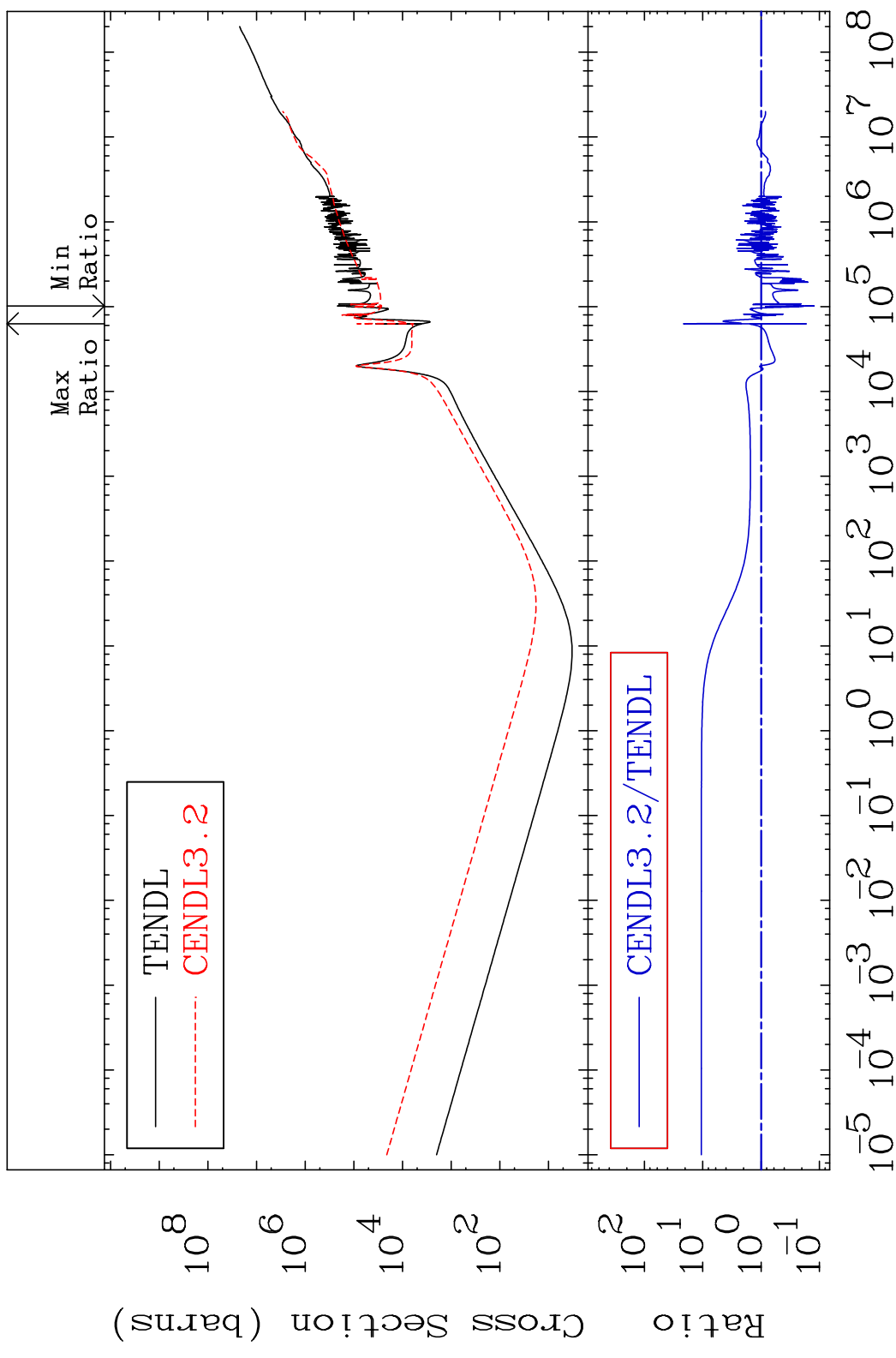


26

Incident Energy (eV)

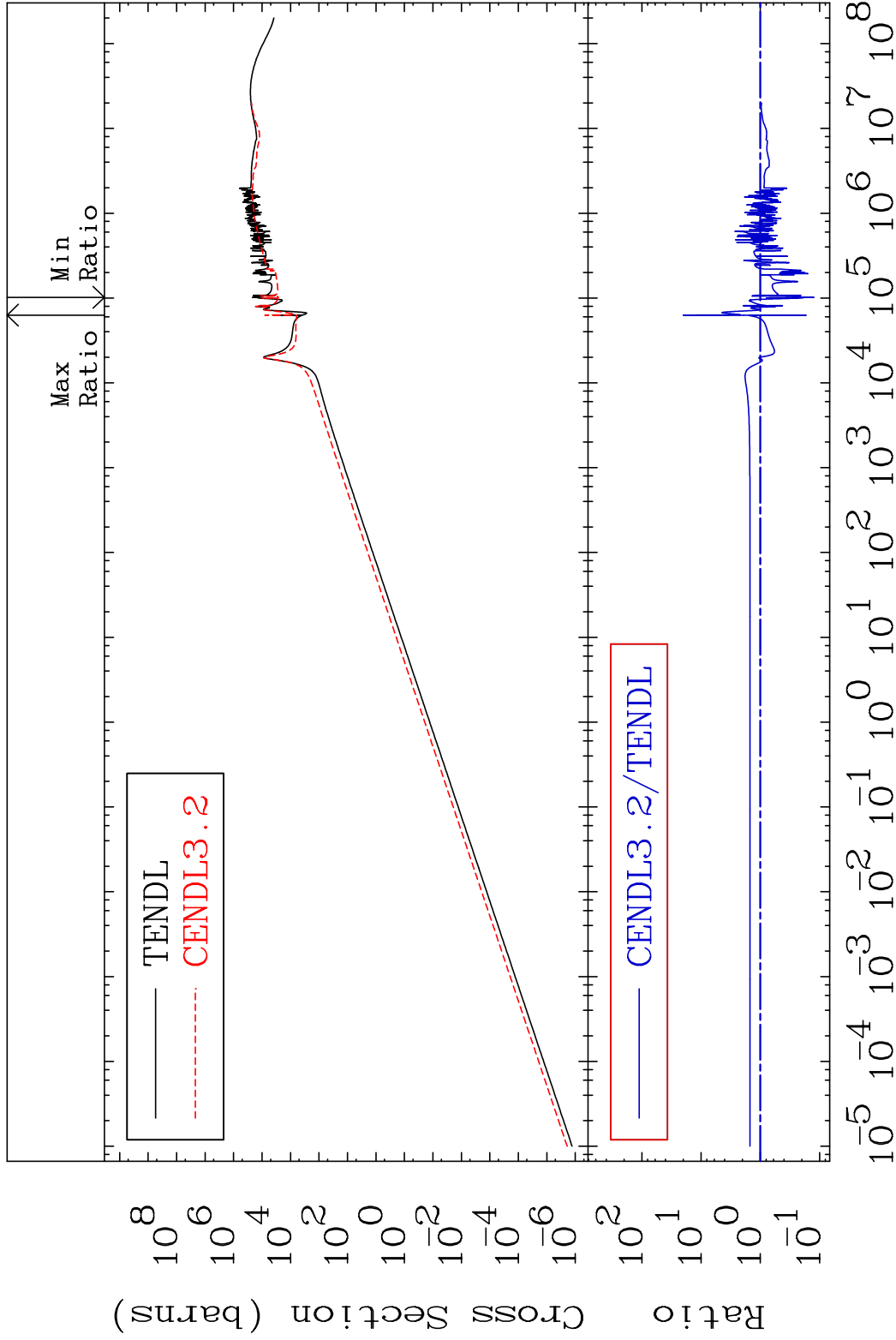
12-Mg-25

MAT 1228 Kerma total (eV-barns) 12-Mg-25  
 Cross Section -87.54 To 2038. %



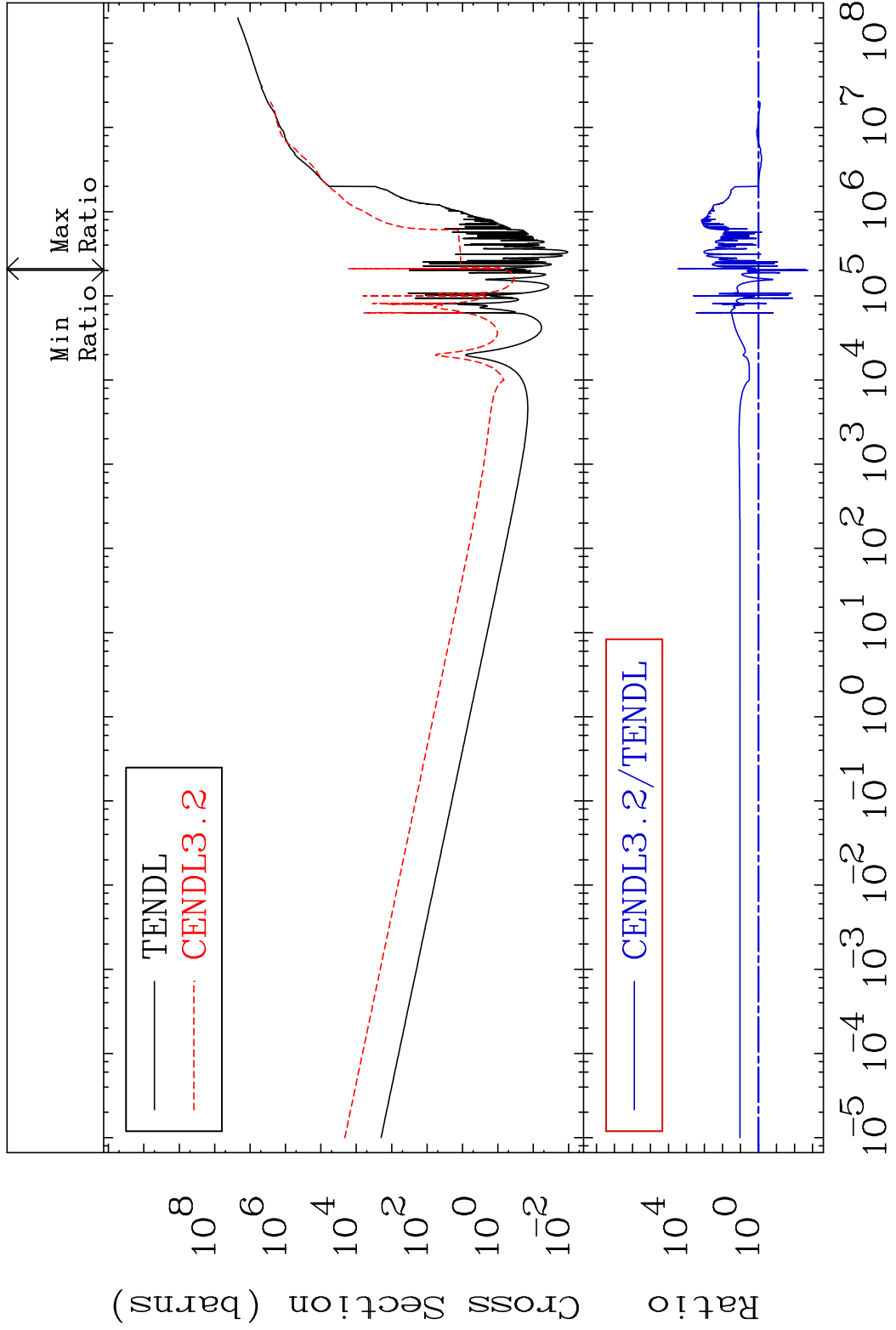
27 Incident Energy (eV) 12-Mg-25

MAT 1228 Kerma elastic Cross Section -87.53 To 1889. % 12-Mg-25



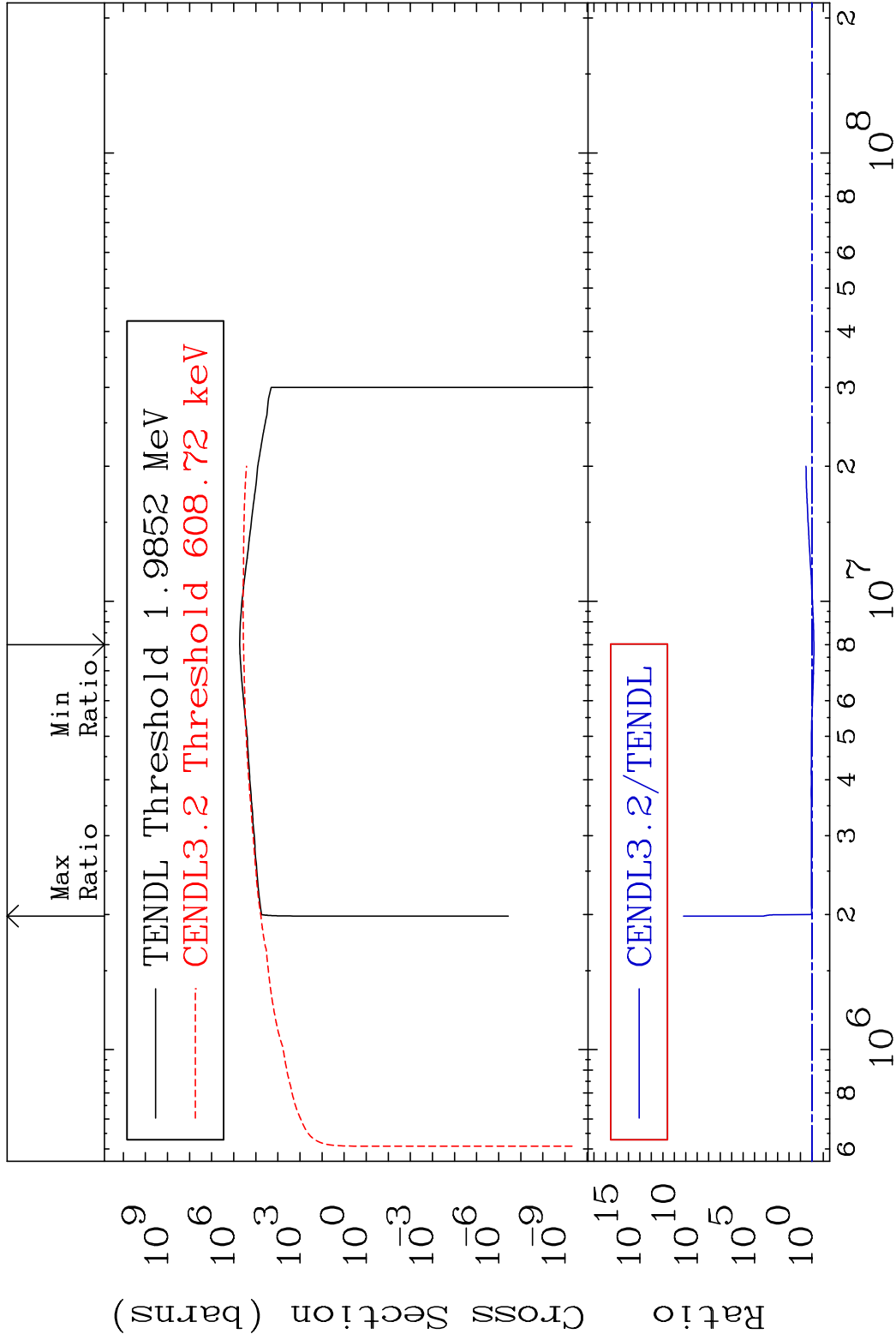
28 Incident Energy (eV) 12-Mg-25

MAT 1228 Kerma non-elastic (all but mt2) 12-Mg-25  
 Cross Section -99.82 To 9999. %



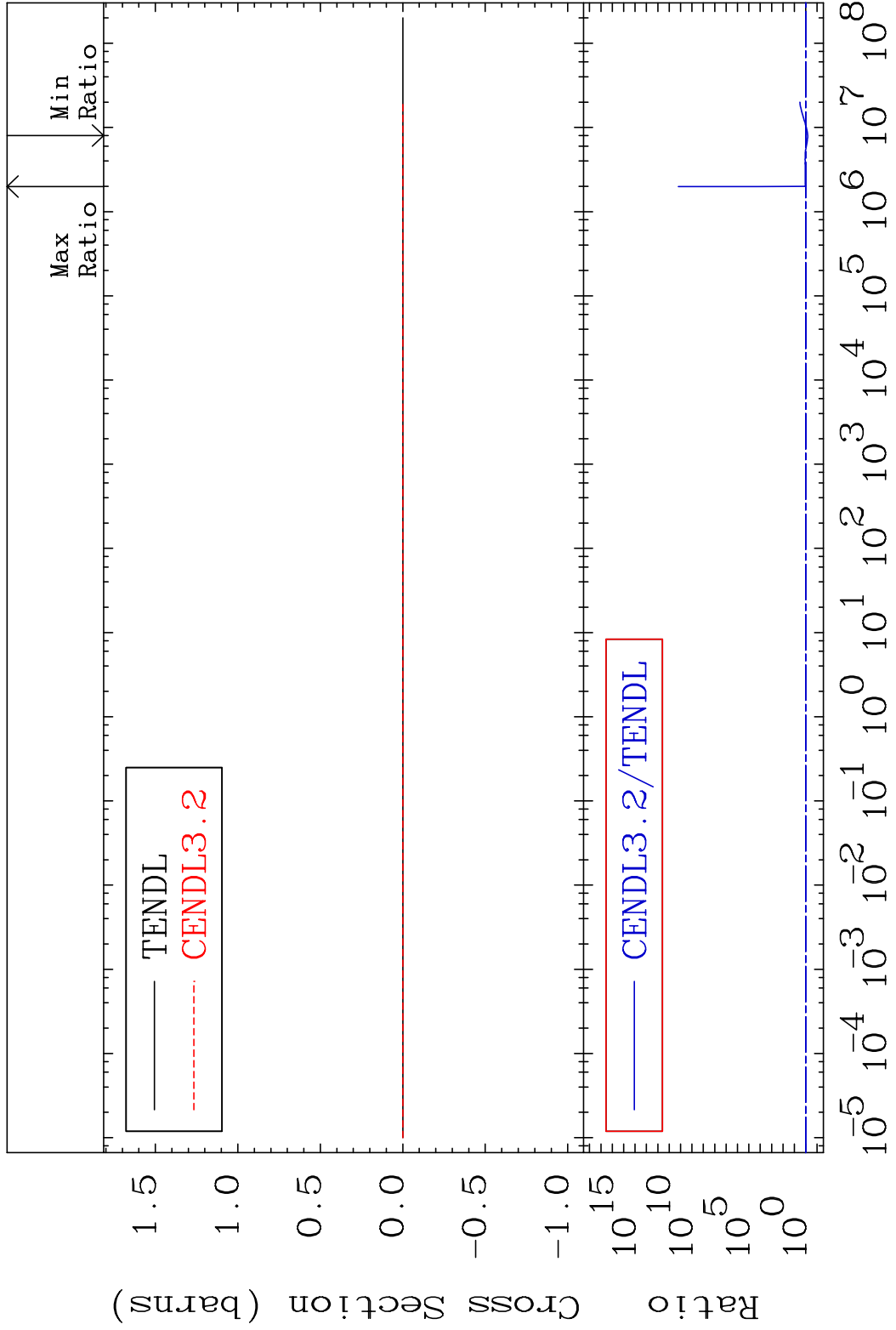
29 Incident Energy (eV) 12-Mg-25

MAT 1228 Kerma inelastic (mt51-91) 12-Mg-25  
 Cross Section -32.89 To 9999. %



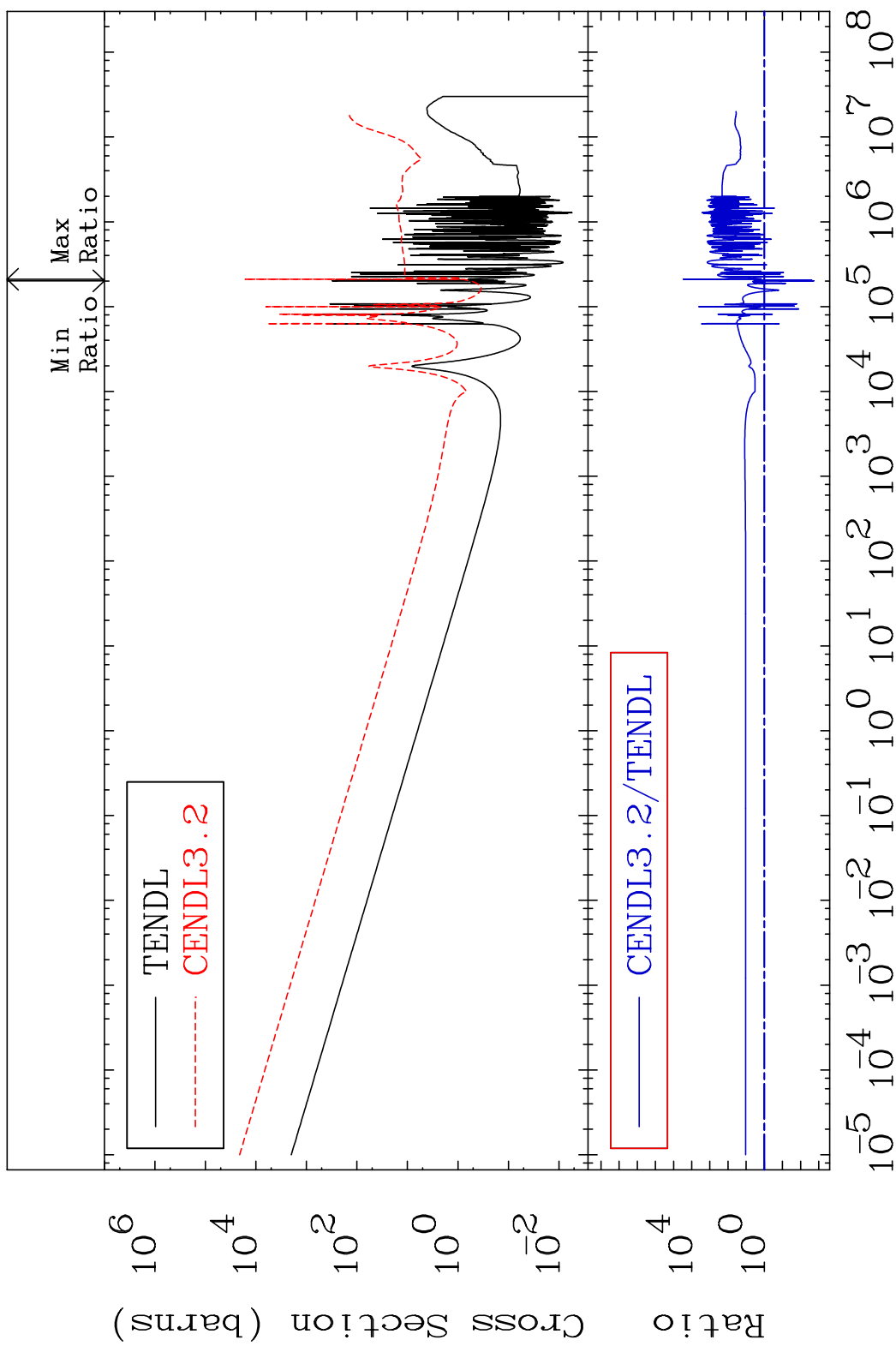
30 Incident Energy (eV) 12-Mg-25

MAT 1228 Kerma fission (mt18 or mt19-20-21-38) 12-Mg-25  
 Cross Section -32.89 To 9999. %



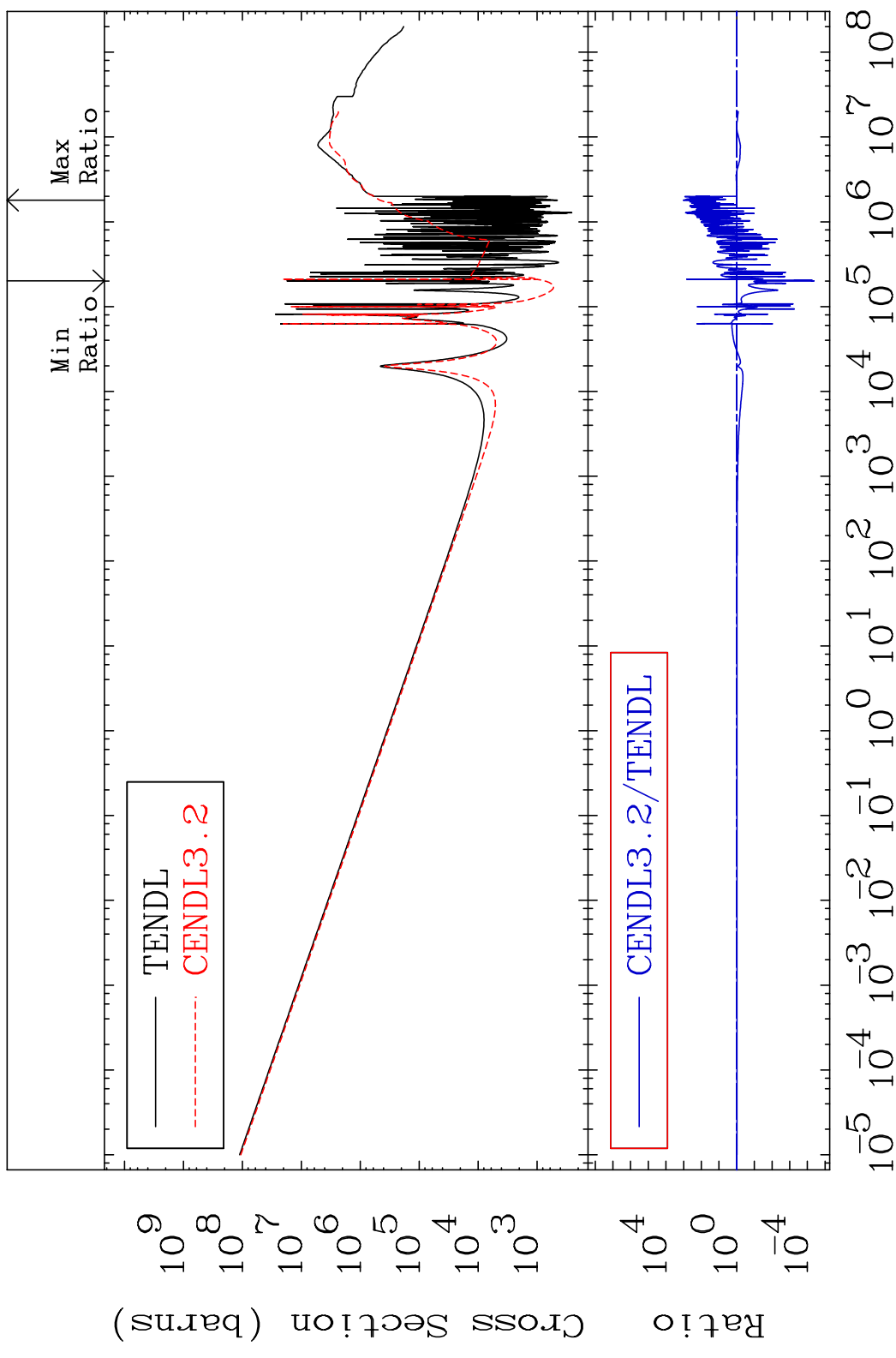


MAT 1228 Kerma capture (mt102) 12-Mg-25  
 Cross Section -99.82 To 9999. %



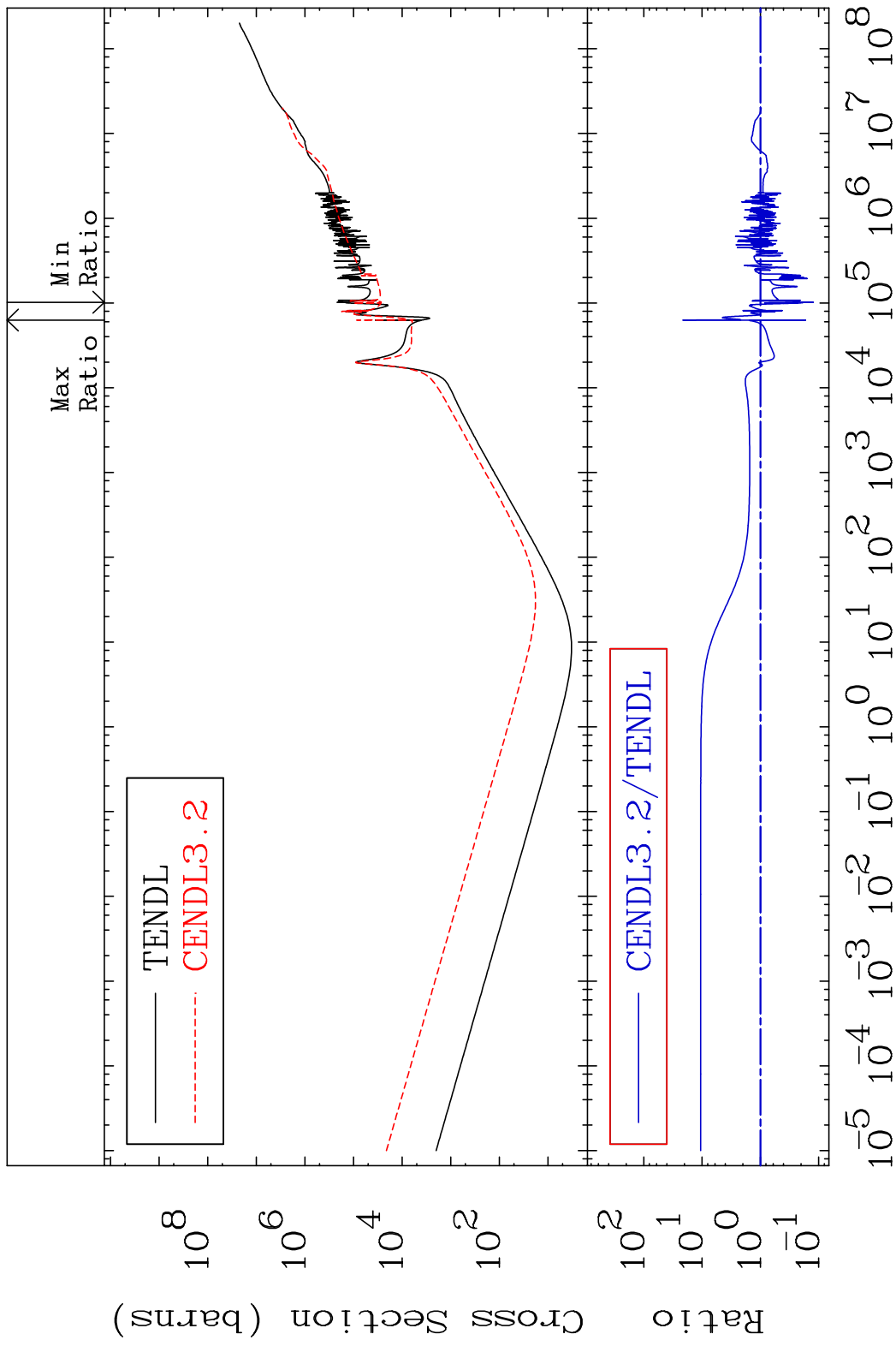
32 Incident Energy (eV) 12-Mg-25

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



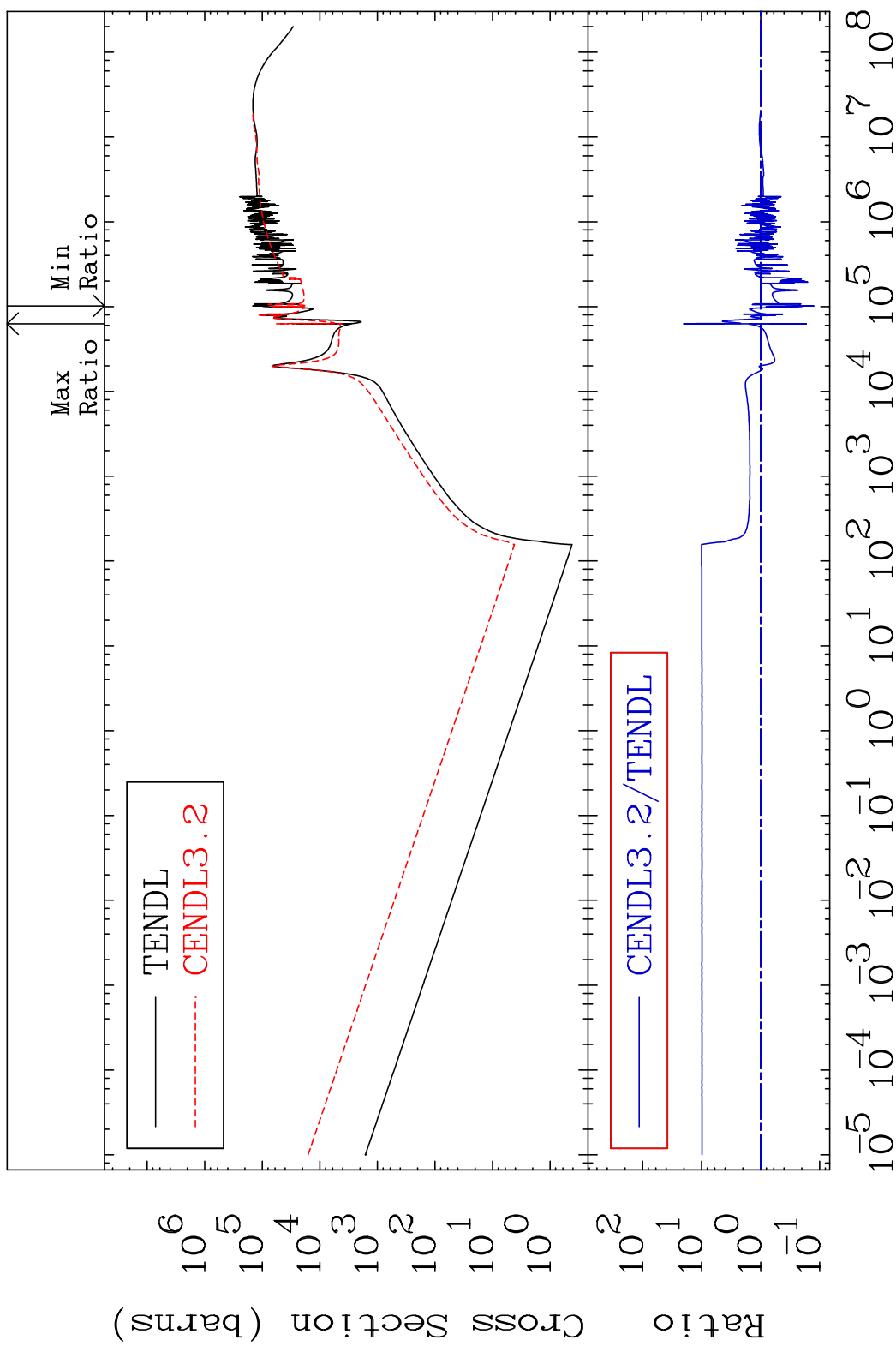
33 Incident Energy (eV) 12-Mg-25

MAT 1228 Total kinematic kerma (high limit) 12-Mg-25  
 Cross Section -87.54 To 2038. %



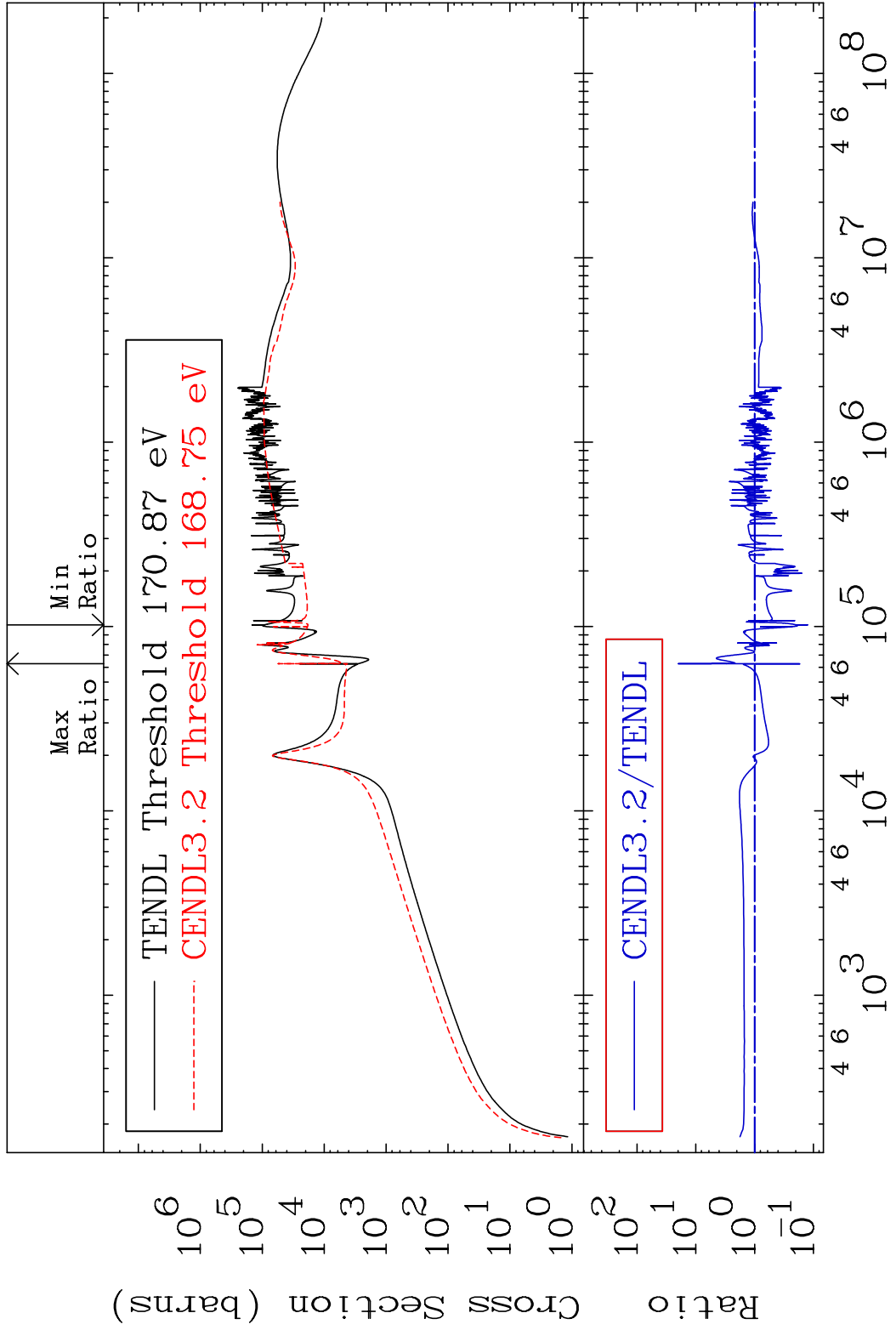
34 Incident Energy (eV) 12-Mg-25

MAT 1228      Dpa total (eV-barns)      <sup>12</sup>Mg-25  
 Cross Section      -87.53 To 1935. %

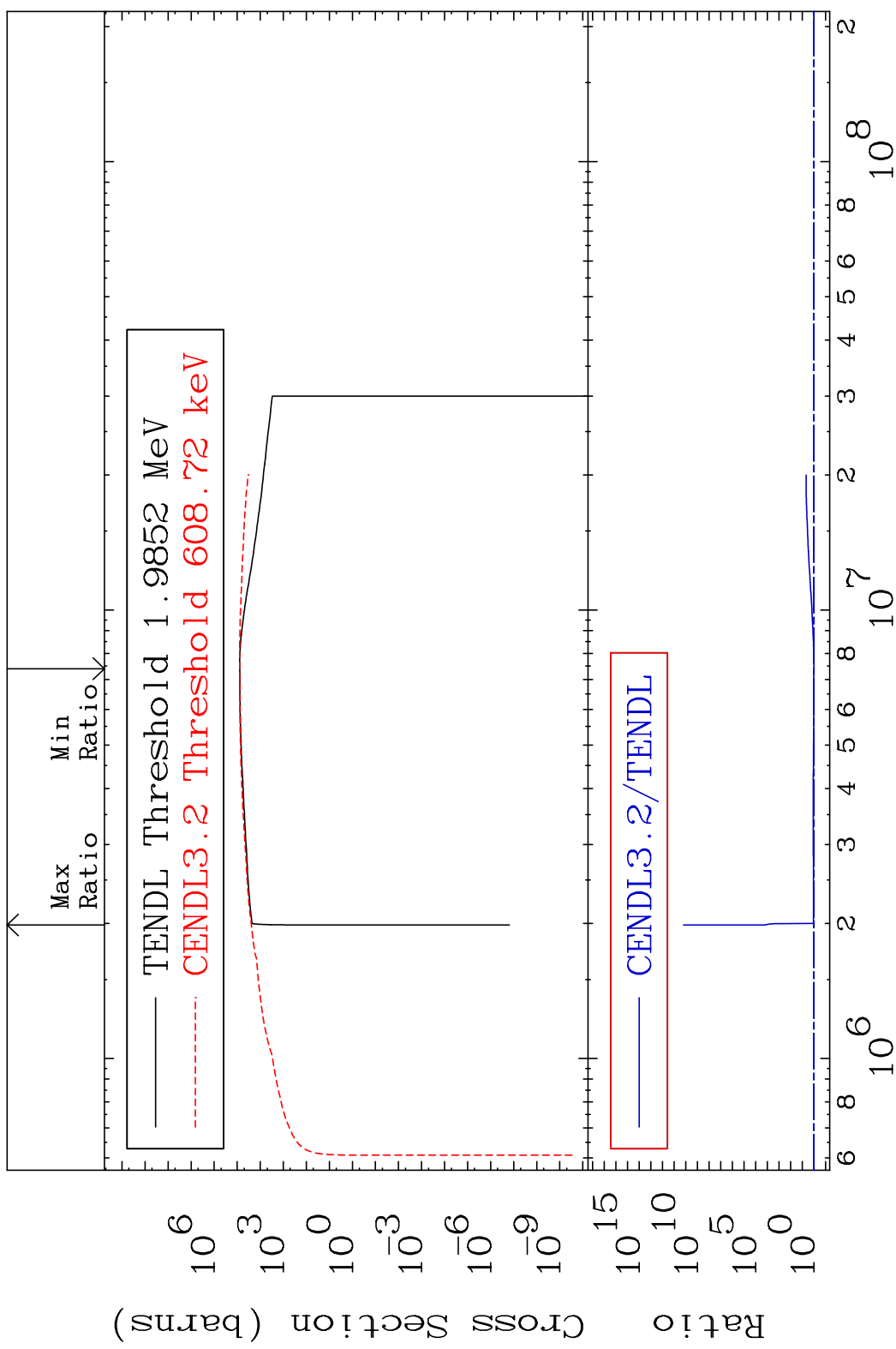


35      Incident Energy (eV)      <sup>12</sup>Mg-25

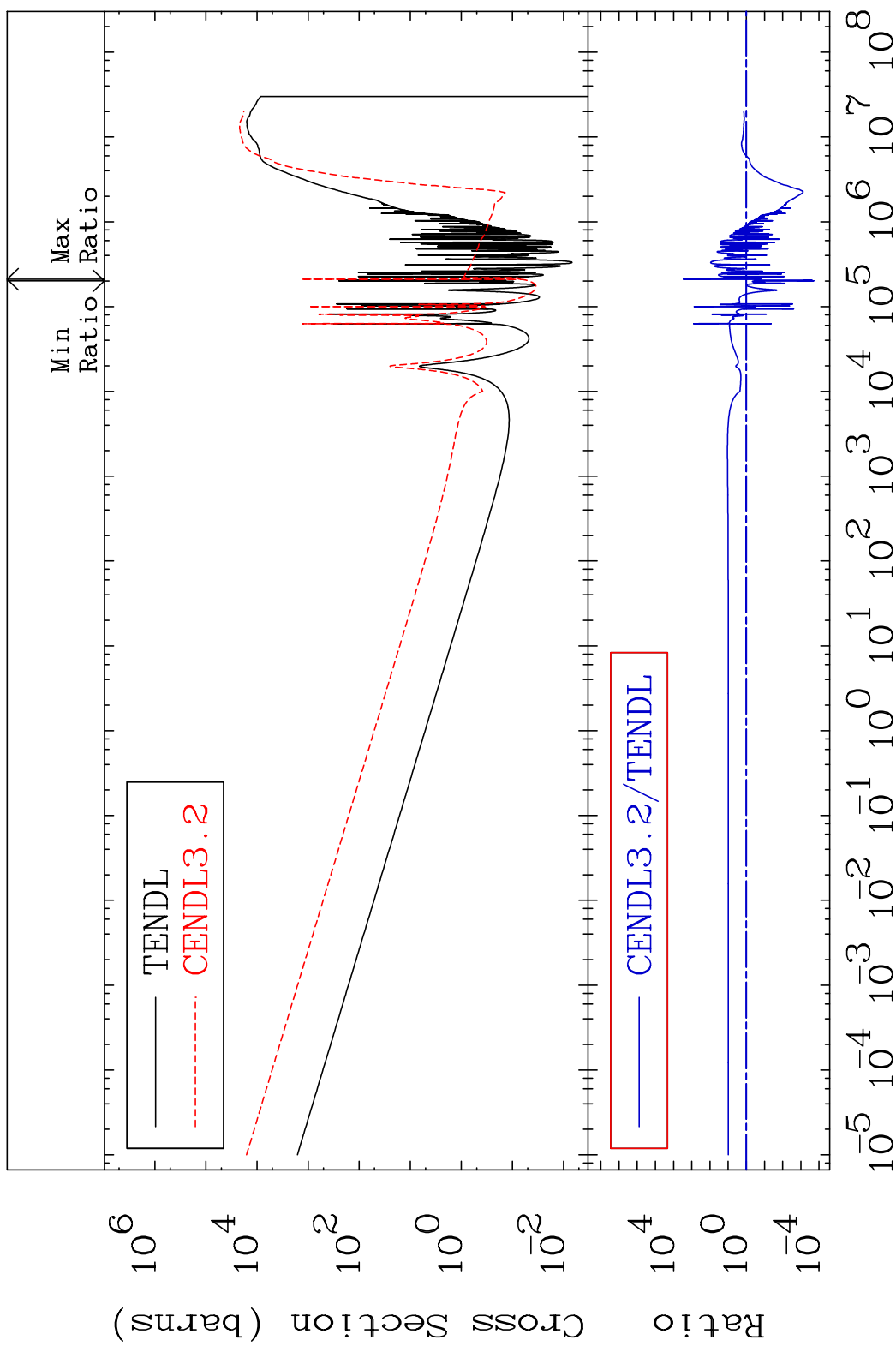
MAT 1228      Dpa elastic (mt2)      12-Mg-25  
 Cross Section      -87.52 To 1890. %



MAT 1228 Dpa inelastic (mt51-91) 12-Mg-25  
 Cross Section -0.666 To 9999. %

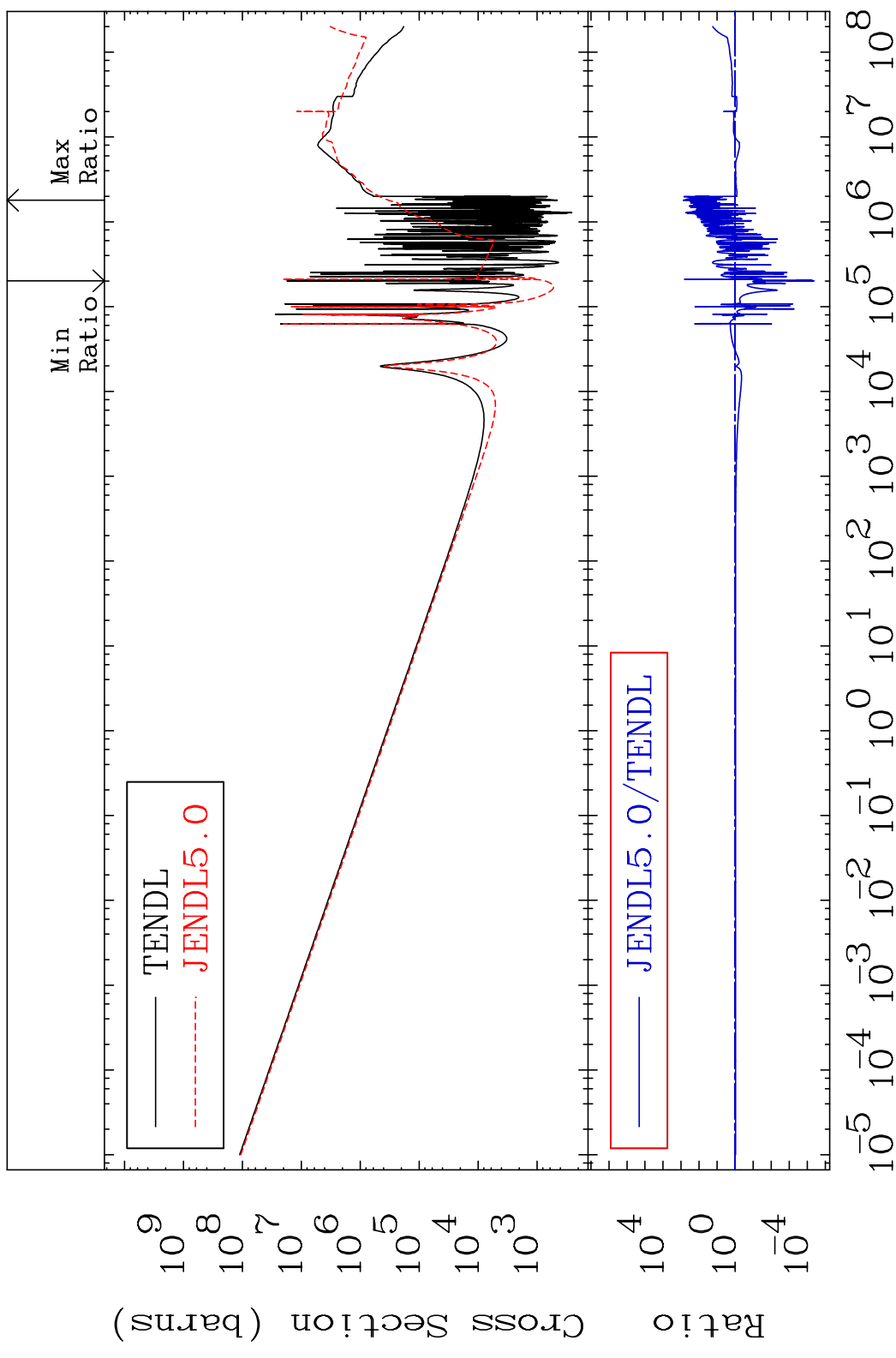


MAT 1228 Dpa disappearance (mt102 -120) 12-Mg-25  
 Cross Section -99.98 To 9999. %



38 Incident Energy (eV) 12-Mg-25

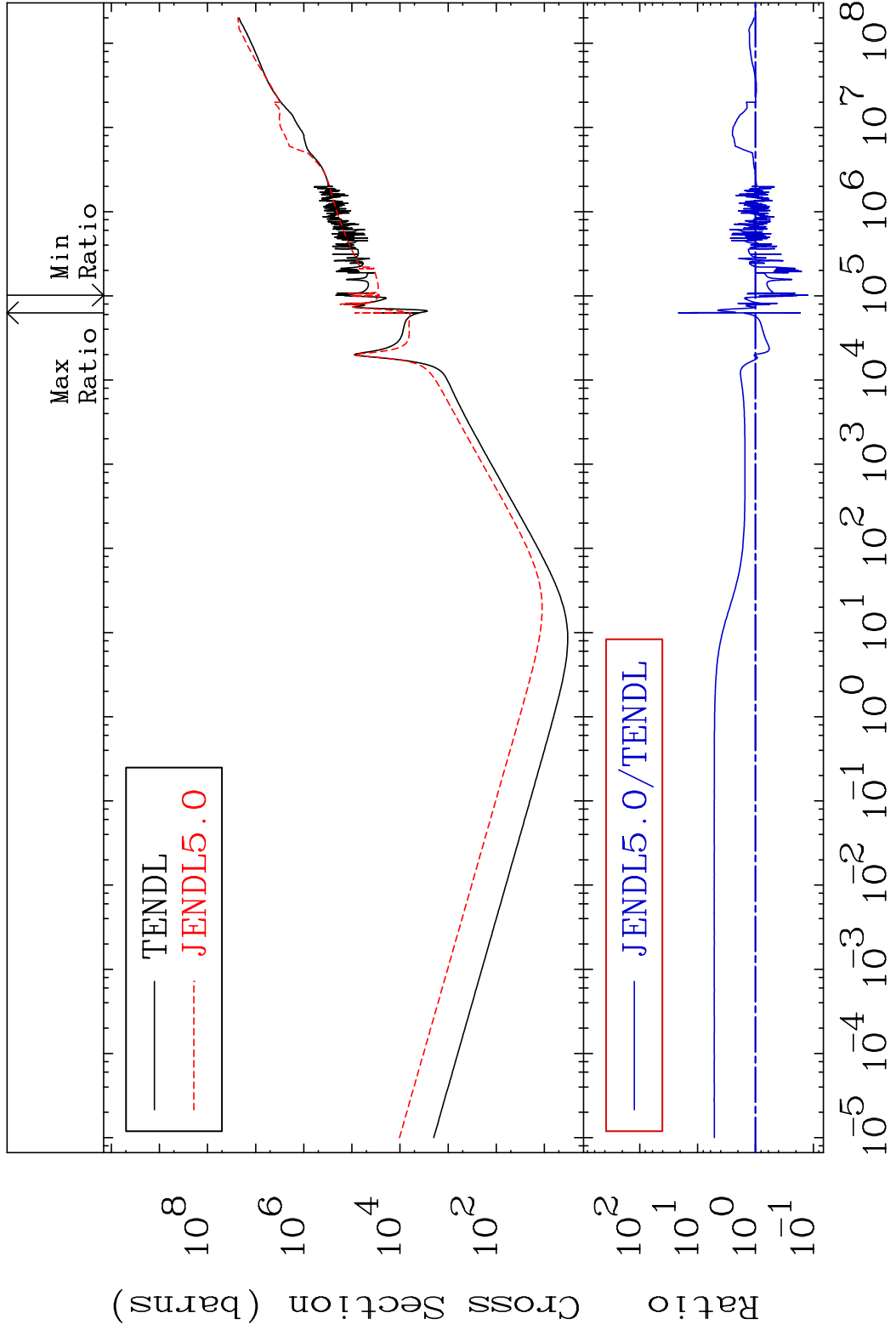
MAT 1228 Total photon (eV-barns) 12-Mg-25  
 Cross Section -100.0 To 9999. %



39 Incident Energy (eV) 12-Mg-25

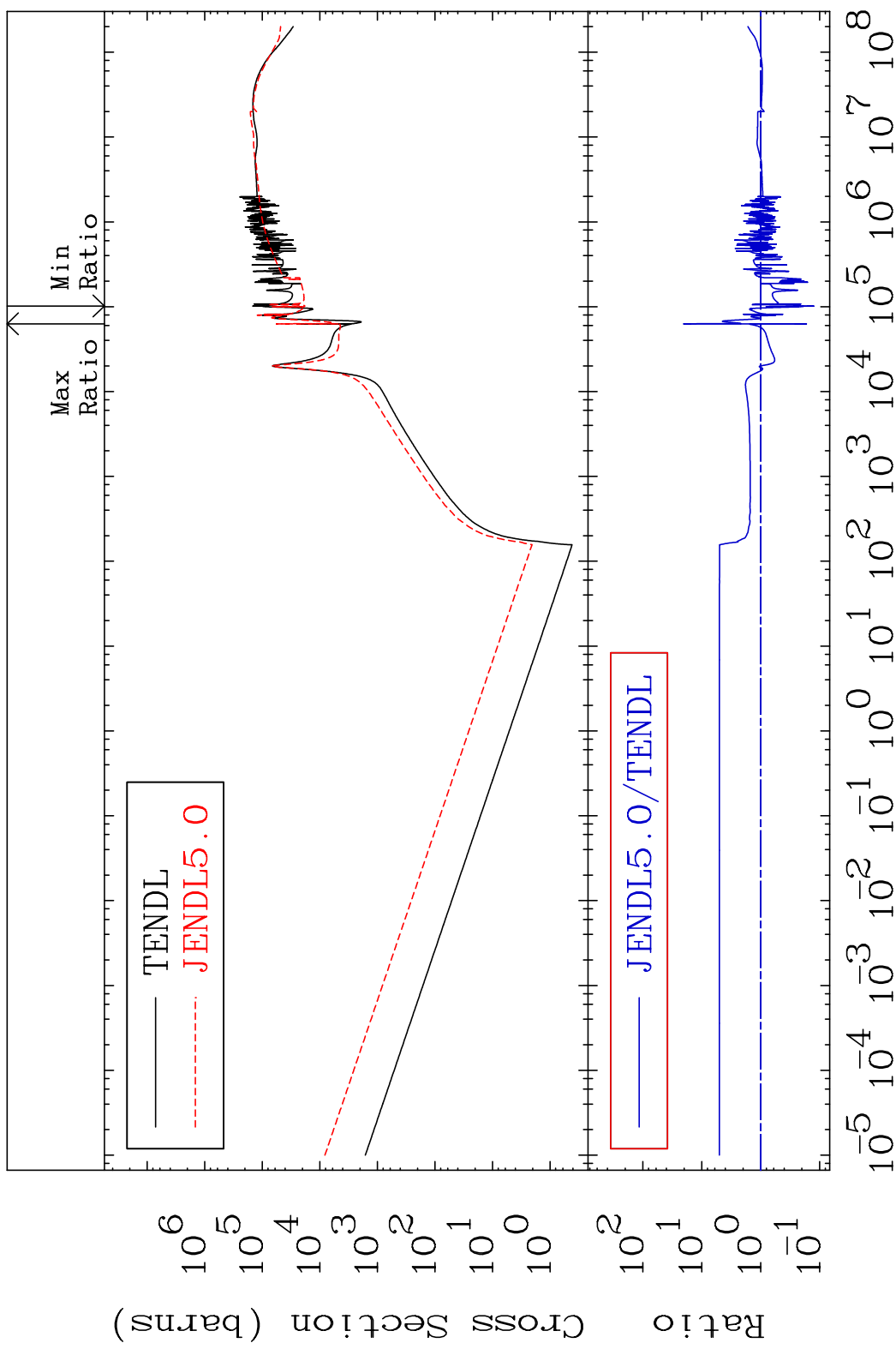


MAT 1228 Total kinematic kerma (high limit) 12-Mg-25  
Cross Section -87.48 To 2054. %



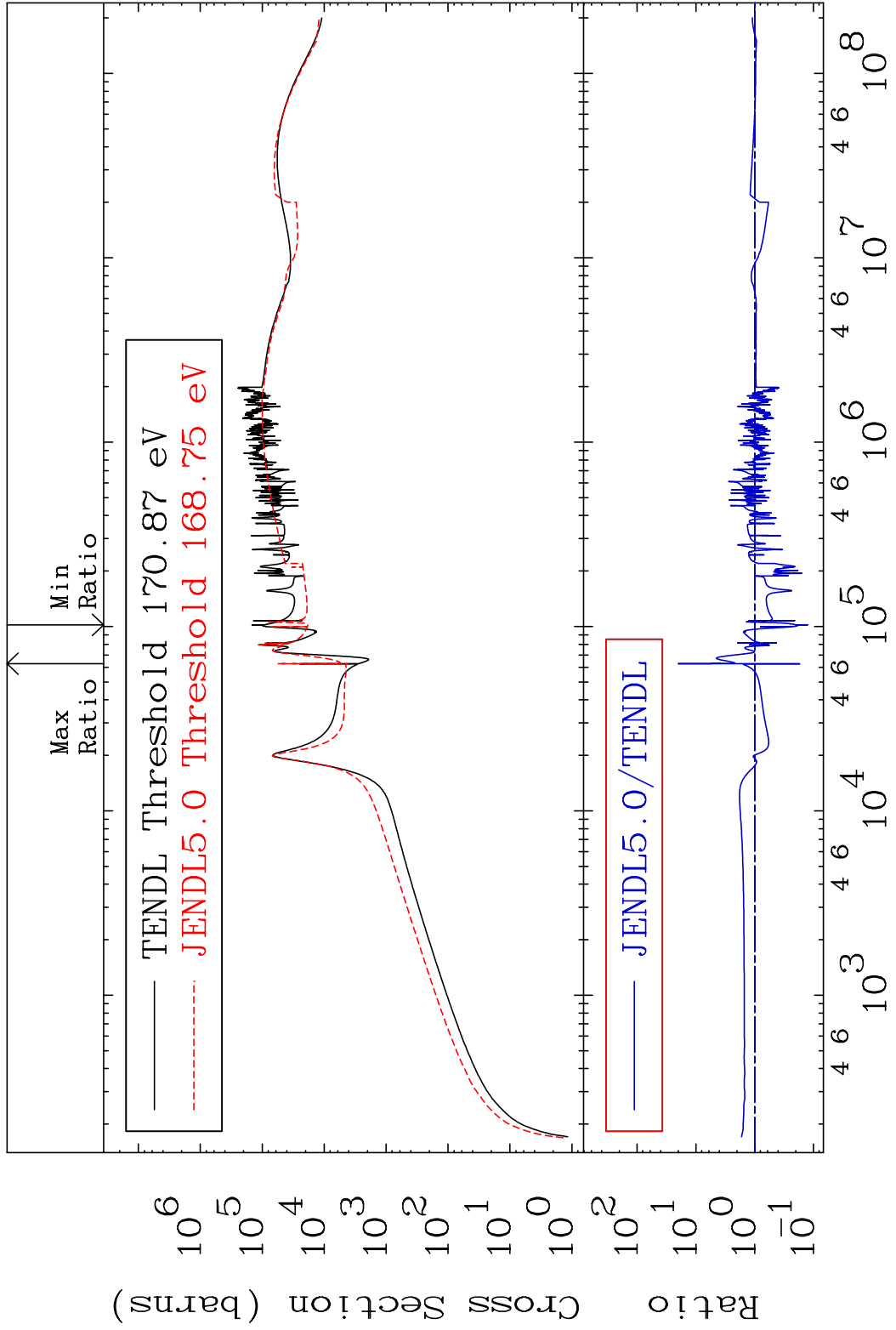
40 Incident Energy (eV) 12-Mg-25

MAT 1228      Dpa total (eV-barns)      <sup>12</sup>Mg-25  
 Cross Section      -87.47 To 1951. %



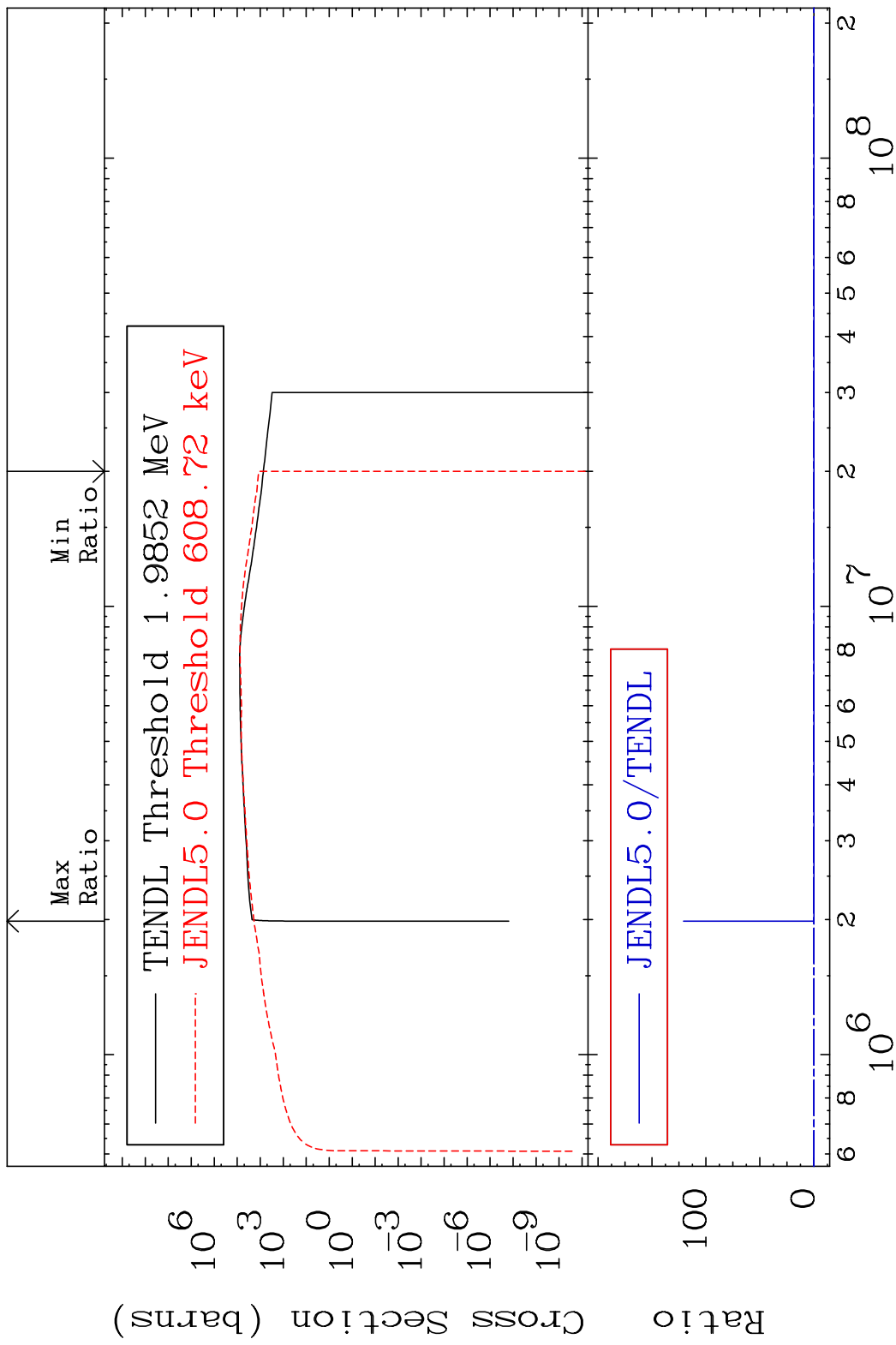
41      Incident Energy (eV)      <sup>12</sup>Mg-25

MAT 1228      Dpa elastic (mt2)      <sup>12</sup>Mg-25  
 Cross Section      -87.46 To 1895. %



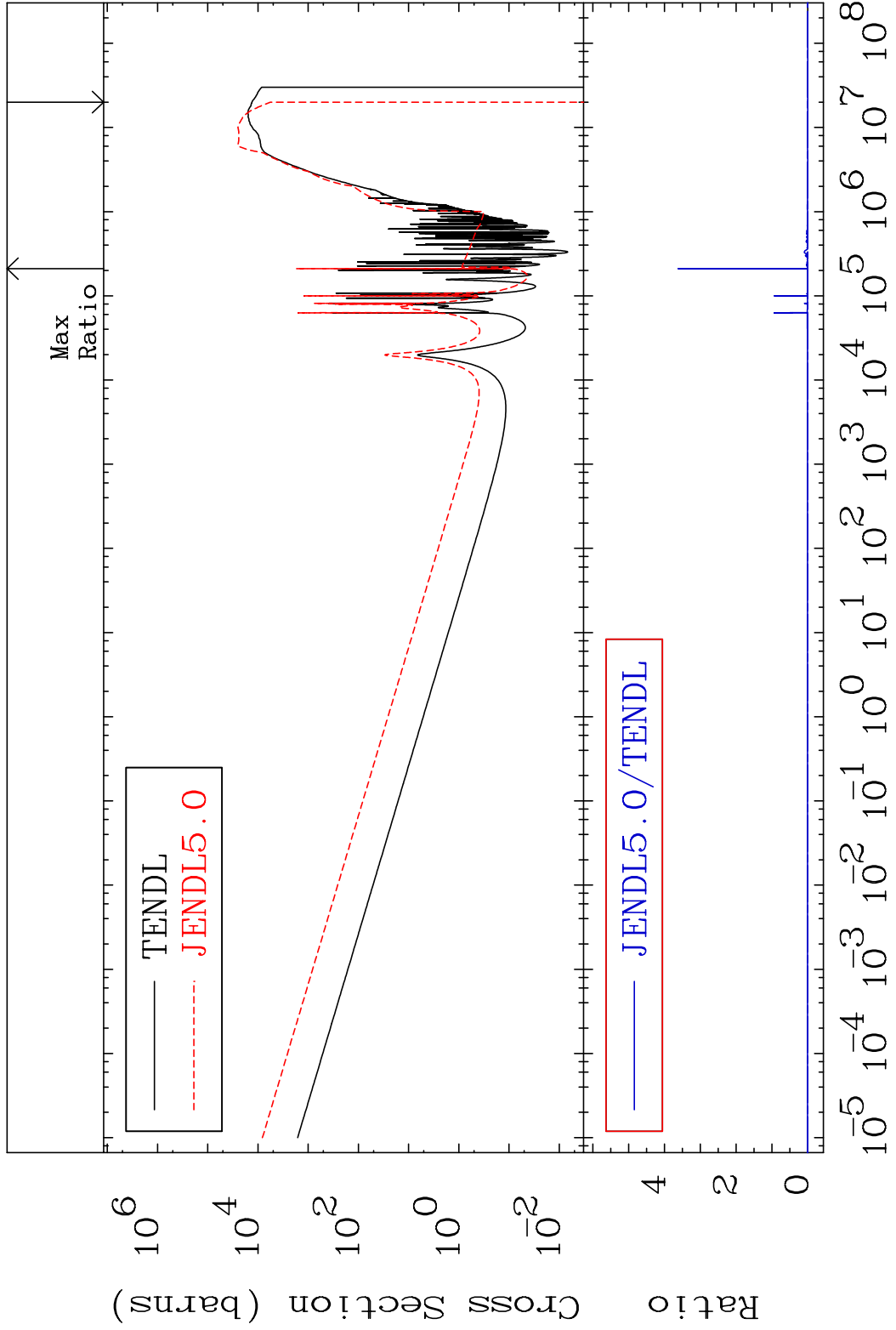
42      Incident Energy (eV)      <sup>12</sup>Mg-25

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



43 Incident Energy (eV) 12-Mg-25

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



44                      Incident Energy (eV)                      12-Mg-25