

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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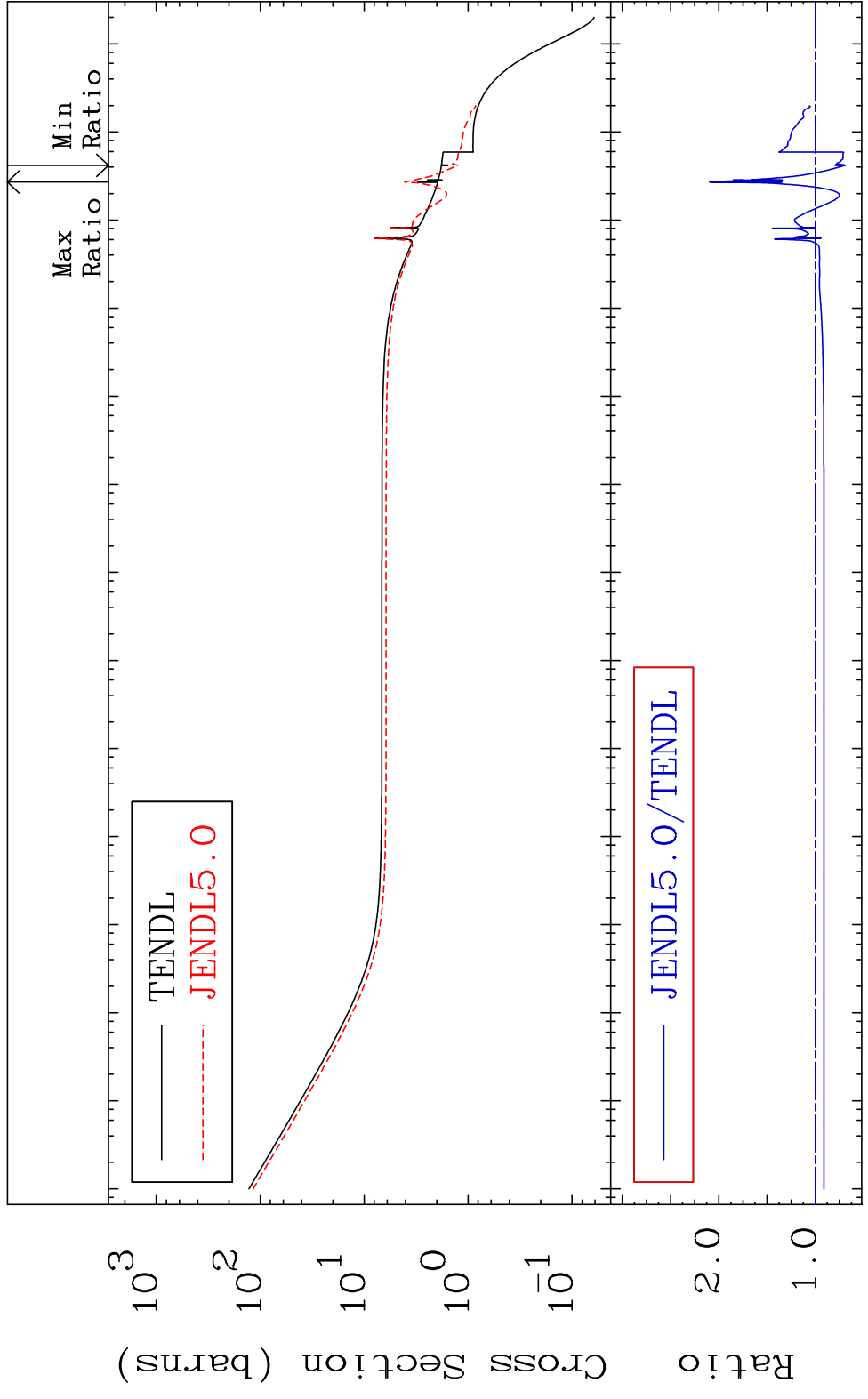
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

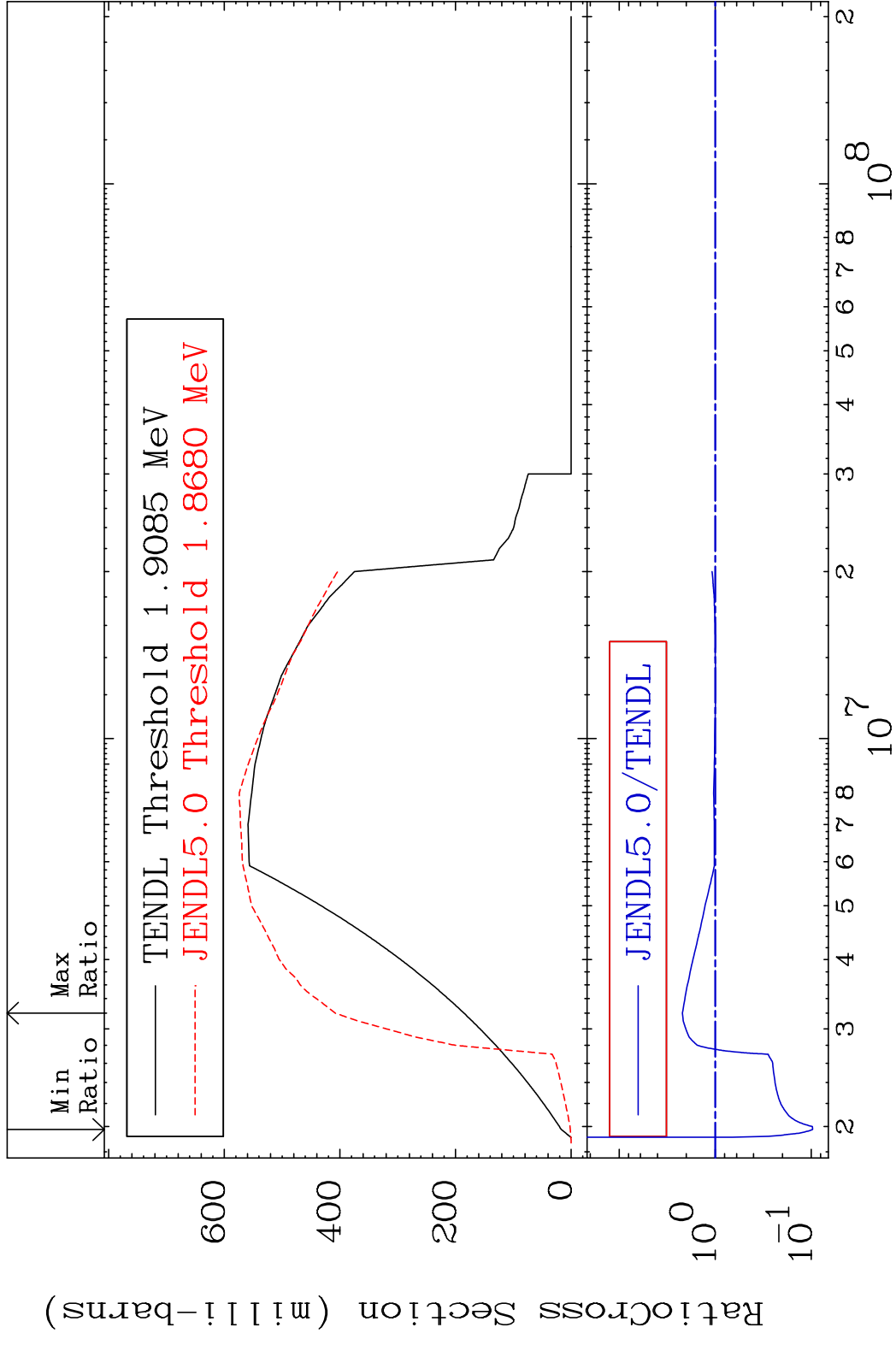


MAT 425                      Elastic                      4-Be-9  
Cross Section                      -31.03 To 109.4 %



2                      Incident Energy (eV)                      4-Be-9

MAT 425 (n,2n) 4-Be-9  
 Cross Section -90.29 To 120.1 %

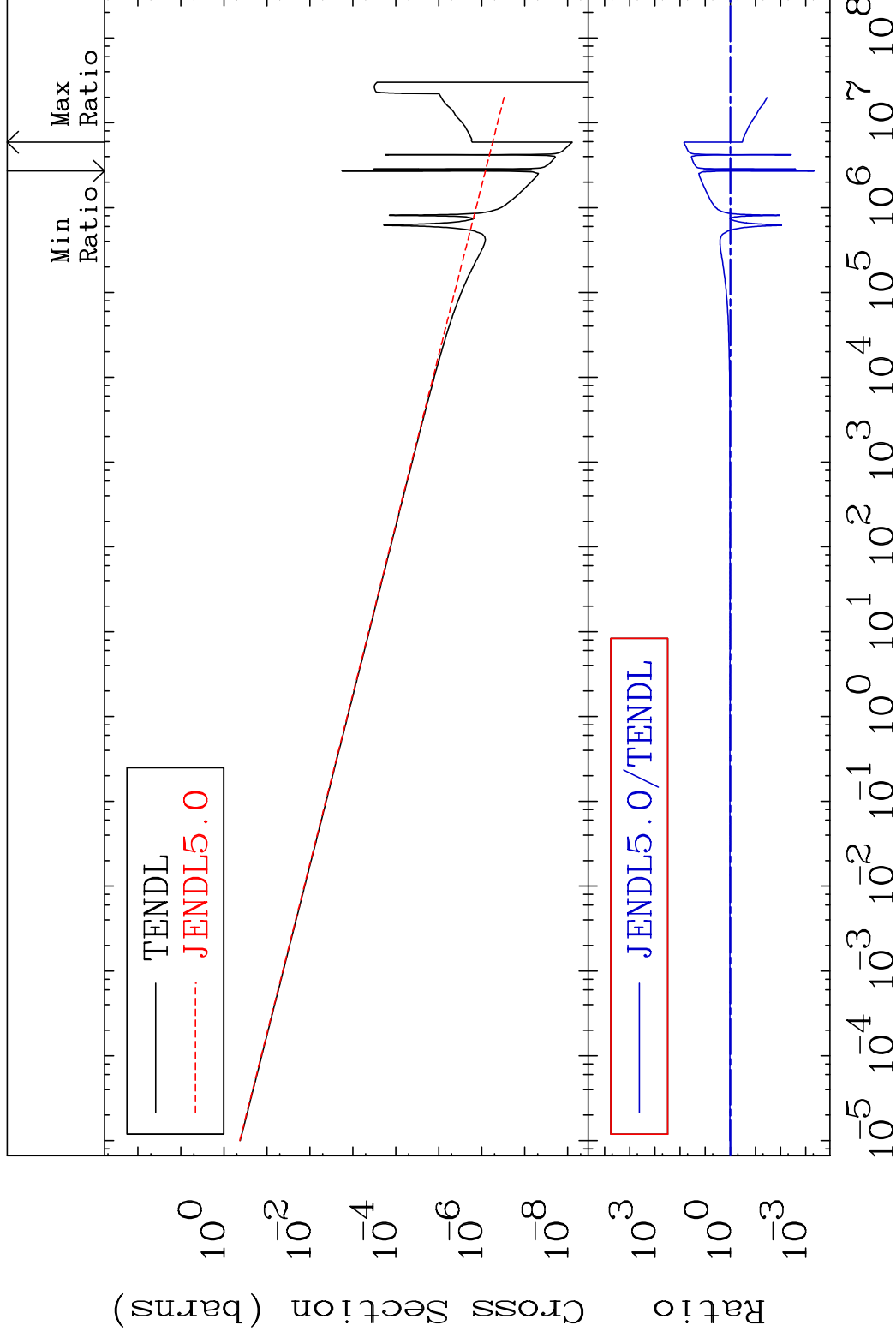


MAT 425

(n,  $\gamma$ )

4-Be-9

Cross Section -99.95 To 7032. %

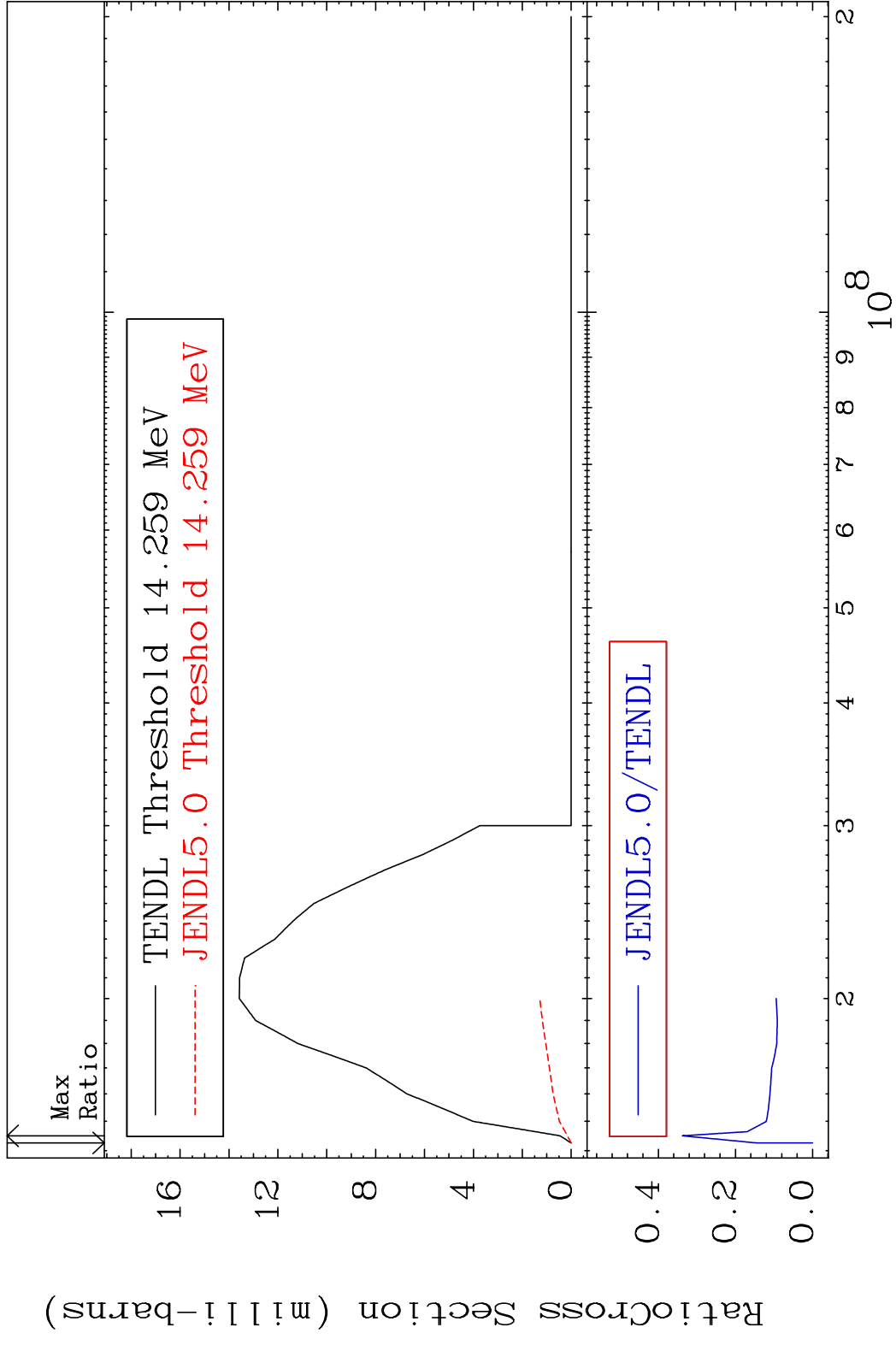


4

Incident Energy (eV)

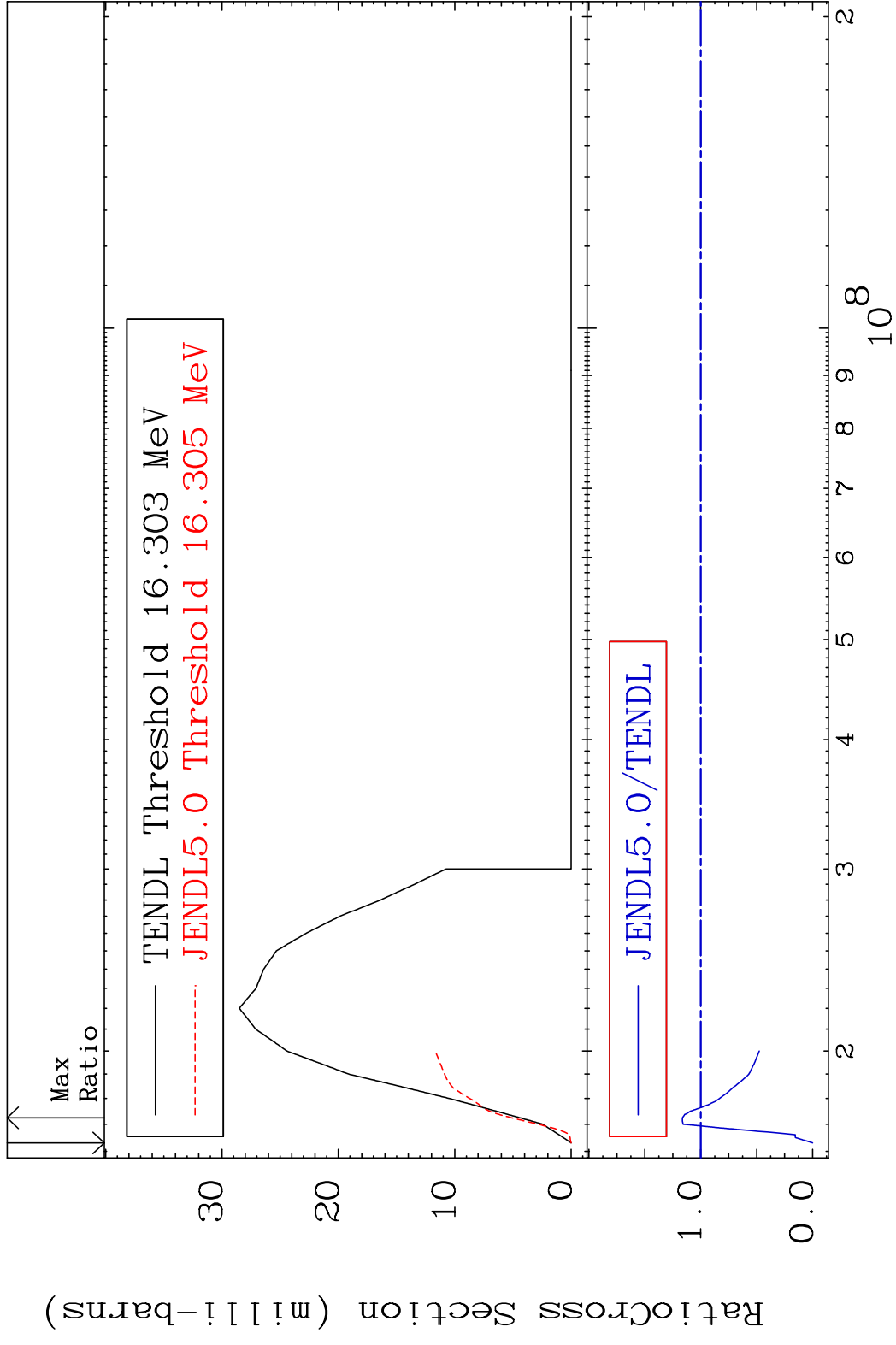
4-Be-9

MAT 425 (n,p) 4-Be-9  
 Cross Section -100.0 To -66.22%

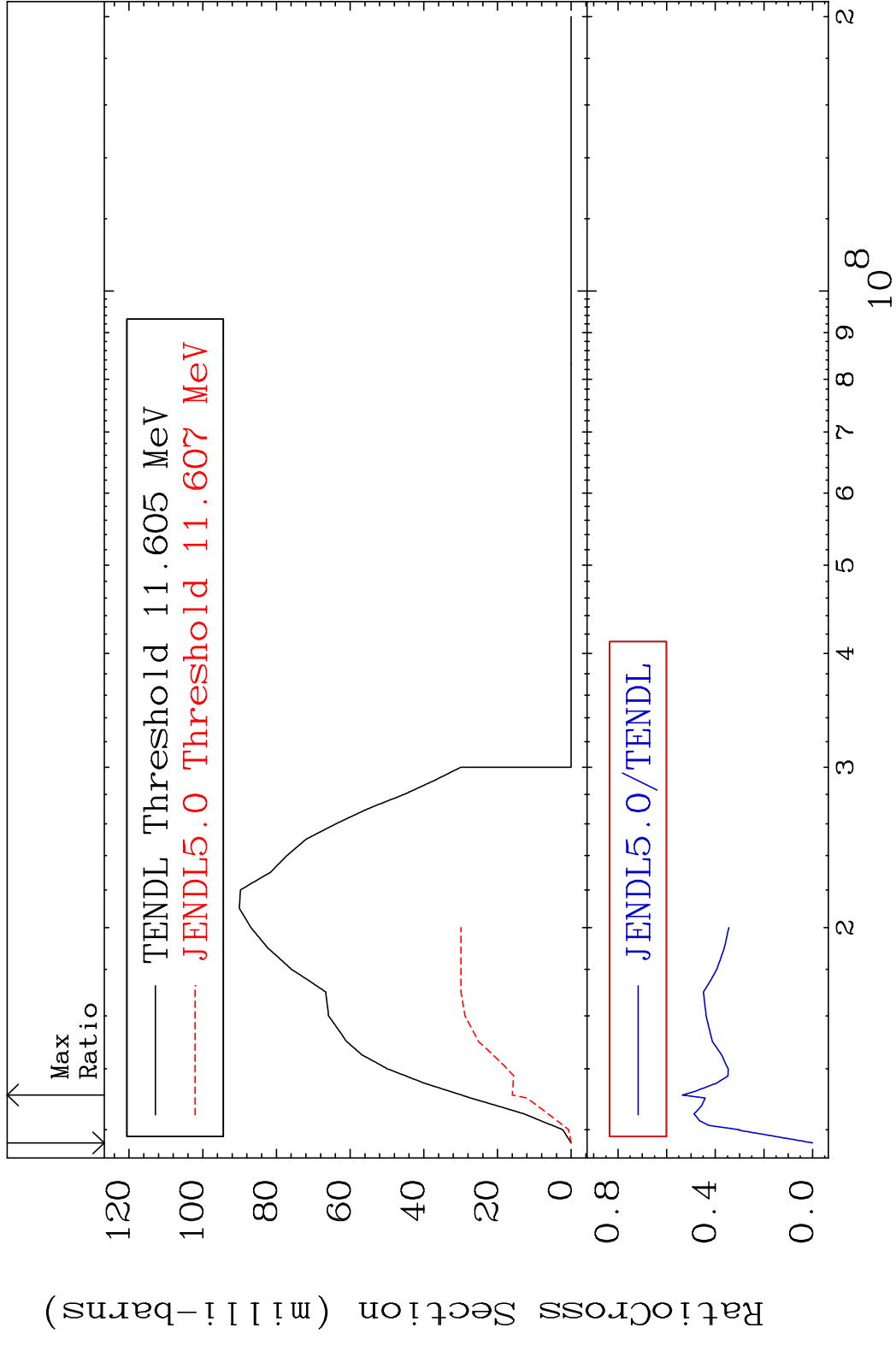


5 4-Be-9

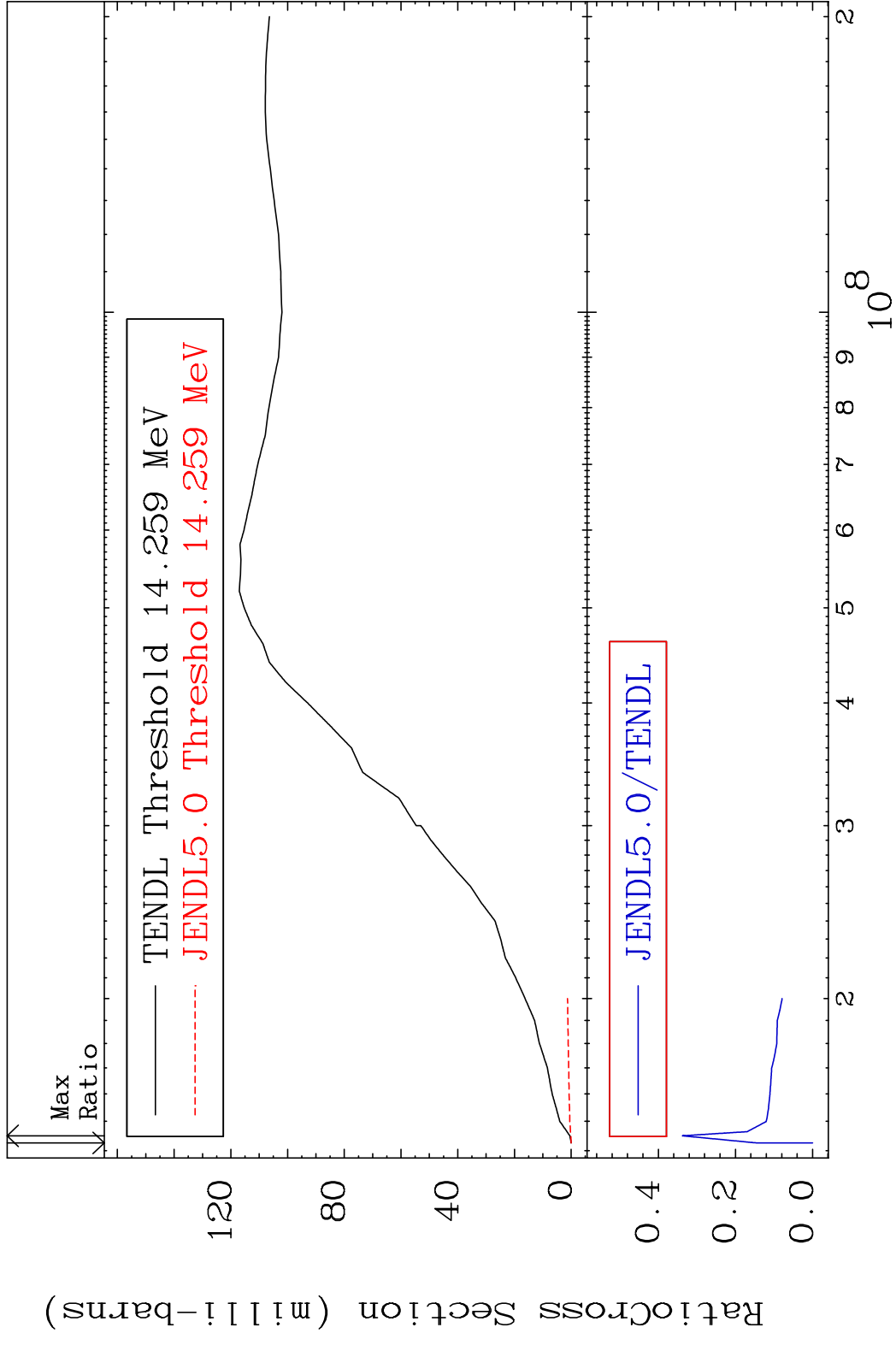
MAT 425 (n,d) 4-Be-9  
 Cross Section -100.0 To 16.45 %



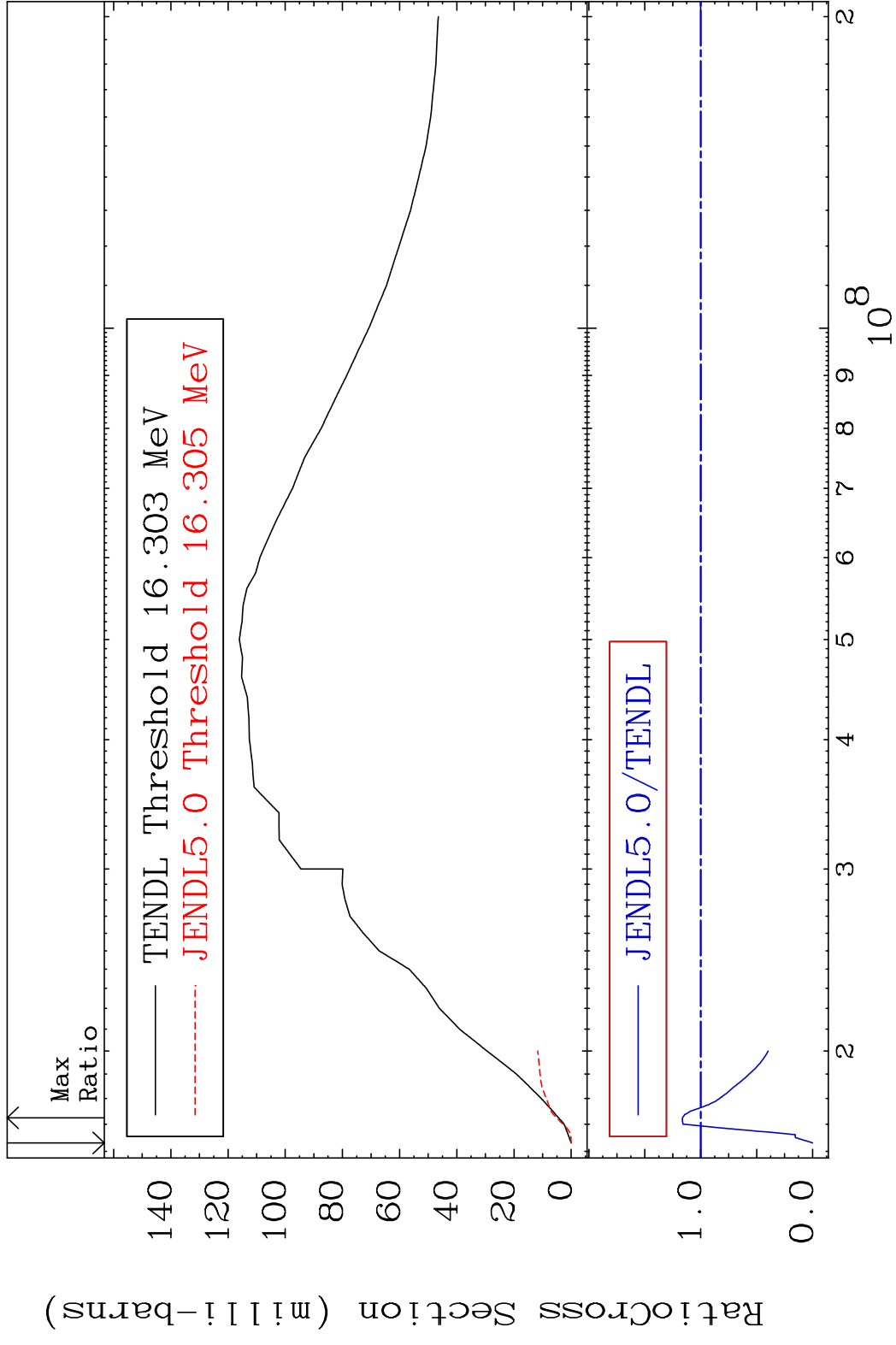
MAT 425 (n, t) 4-Be-9  
 Cross Section -100.0 To -46.45%



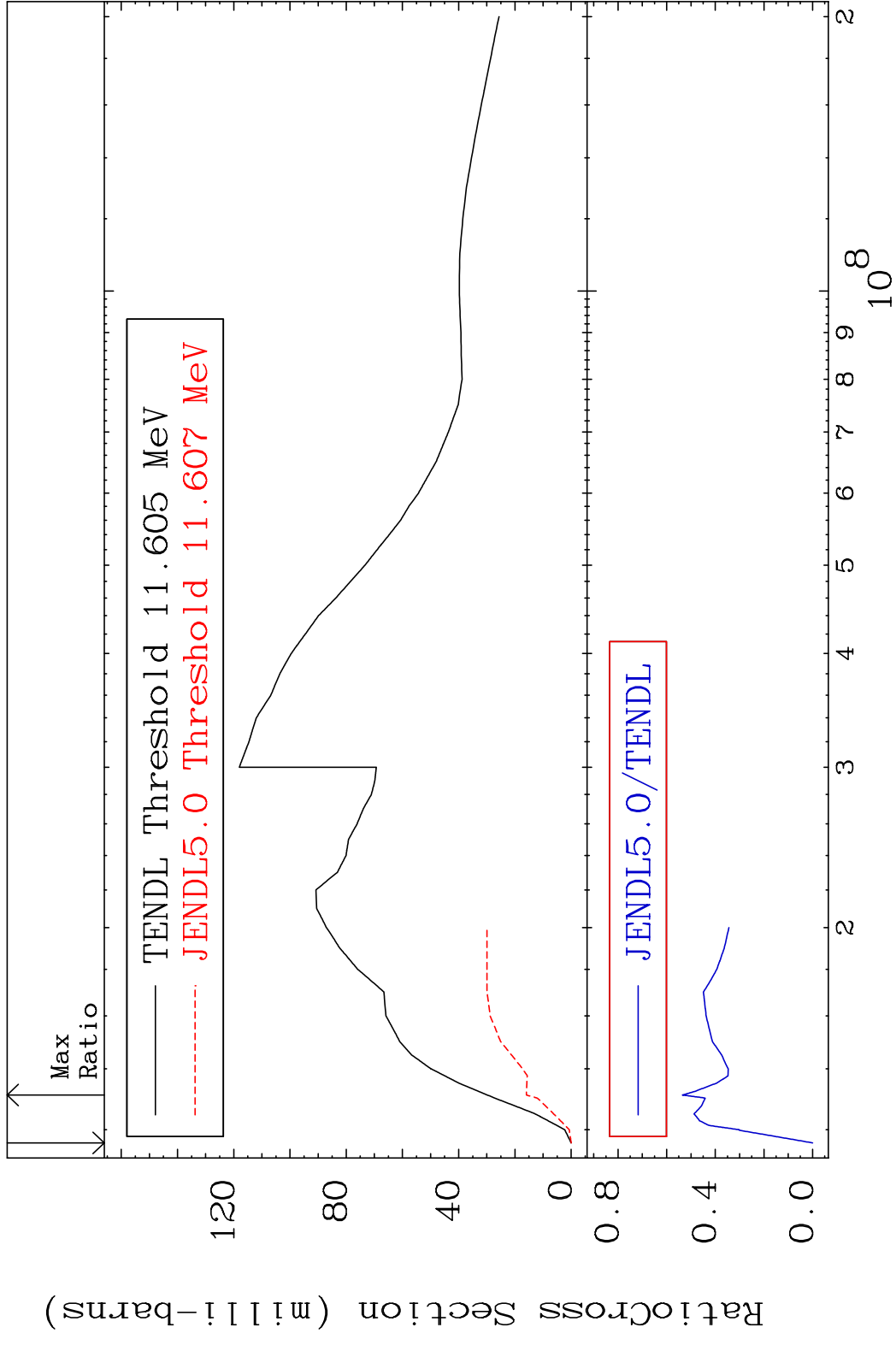
MAT 425 Hydrogen Production 4-Be-9  
 Cross Section -100.0 To -66.22%



MAT 425 Deuterium Production 4-Be-9  
 Cross Section -100.0 To 16.45 %

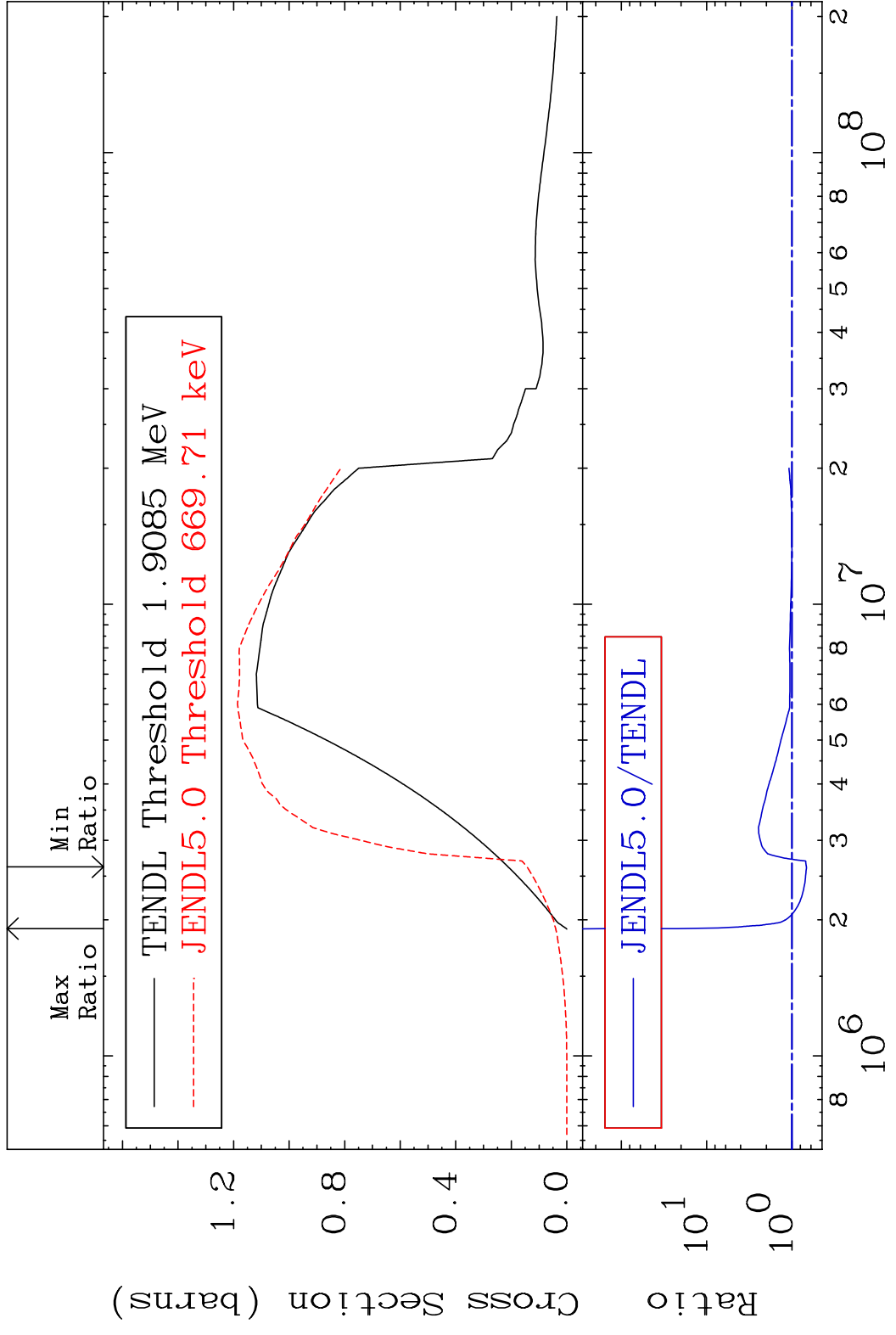


MAT 425 Tritium Production 4-Be-9  
 Cross Section -100.0 To -46.45%

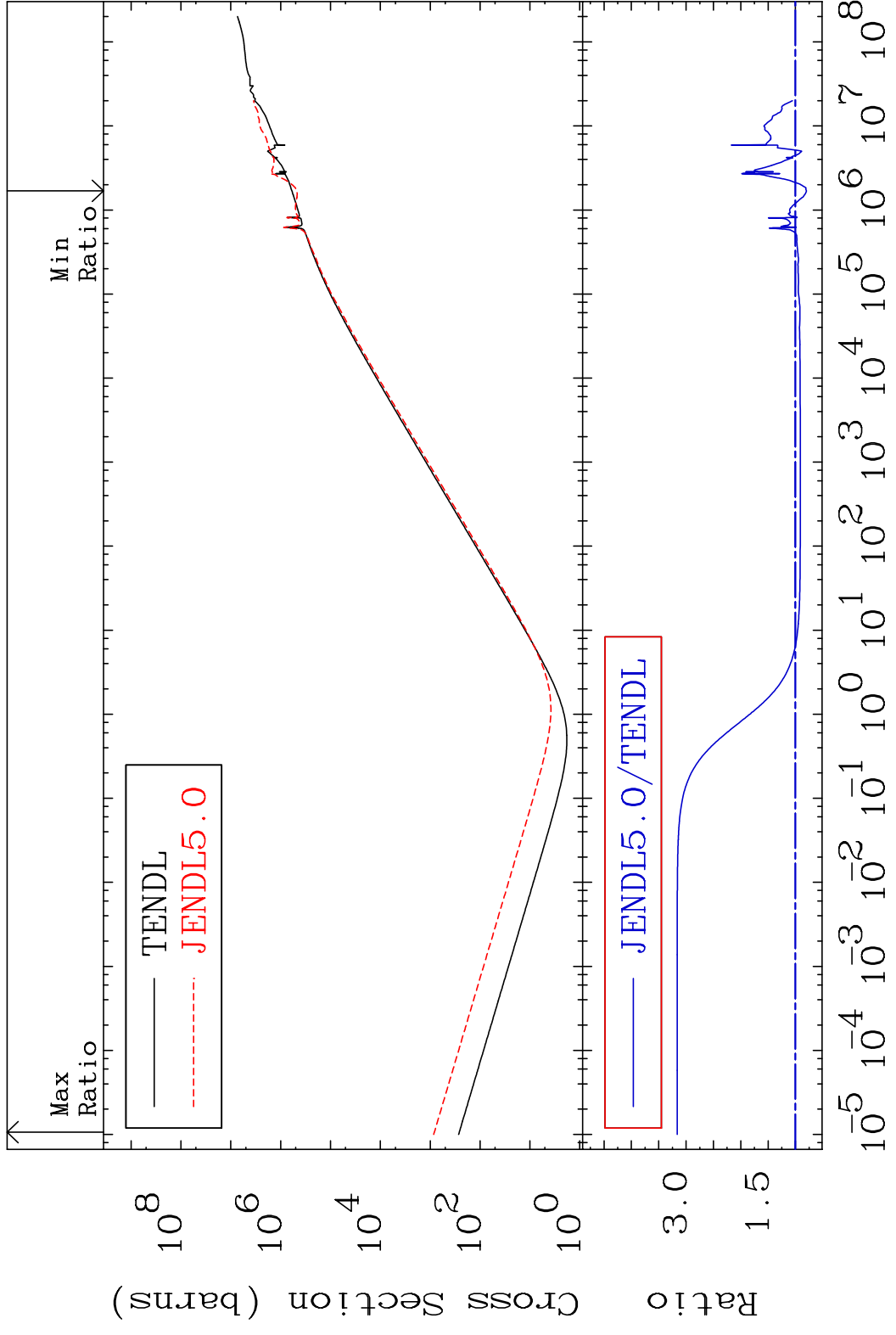


10 10 4-Be-9

MAT 425 He-4 Production 4-Be-9  
 Cross Section -32.27 To 2116. %

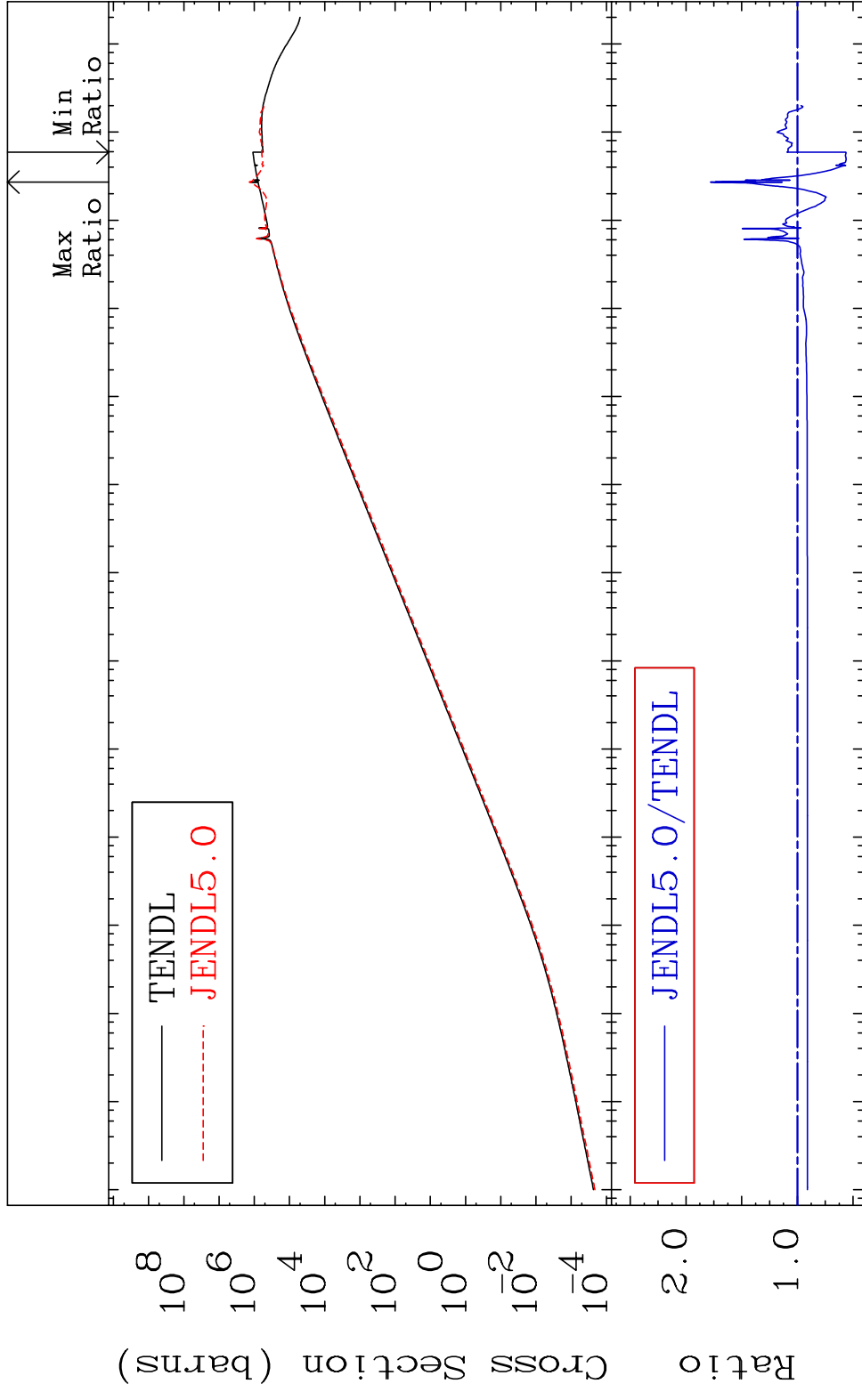


MAT 425 Kerma total (eV-barns) 4-Be-9  
 Cross Section -19.99 To 216.3 %



12 4-Be-9

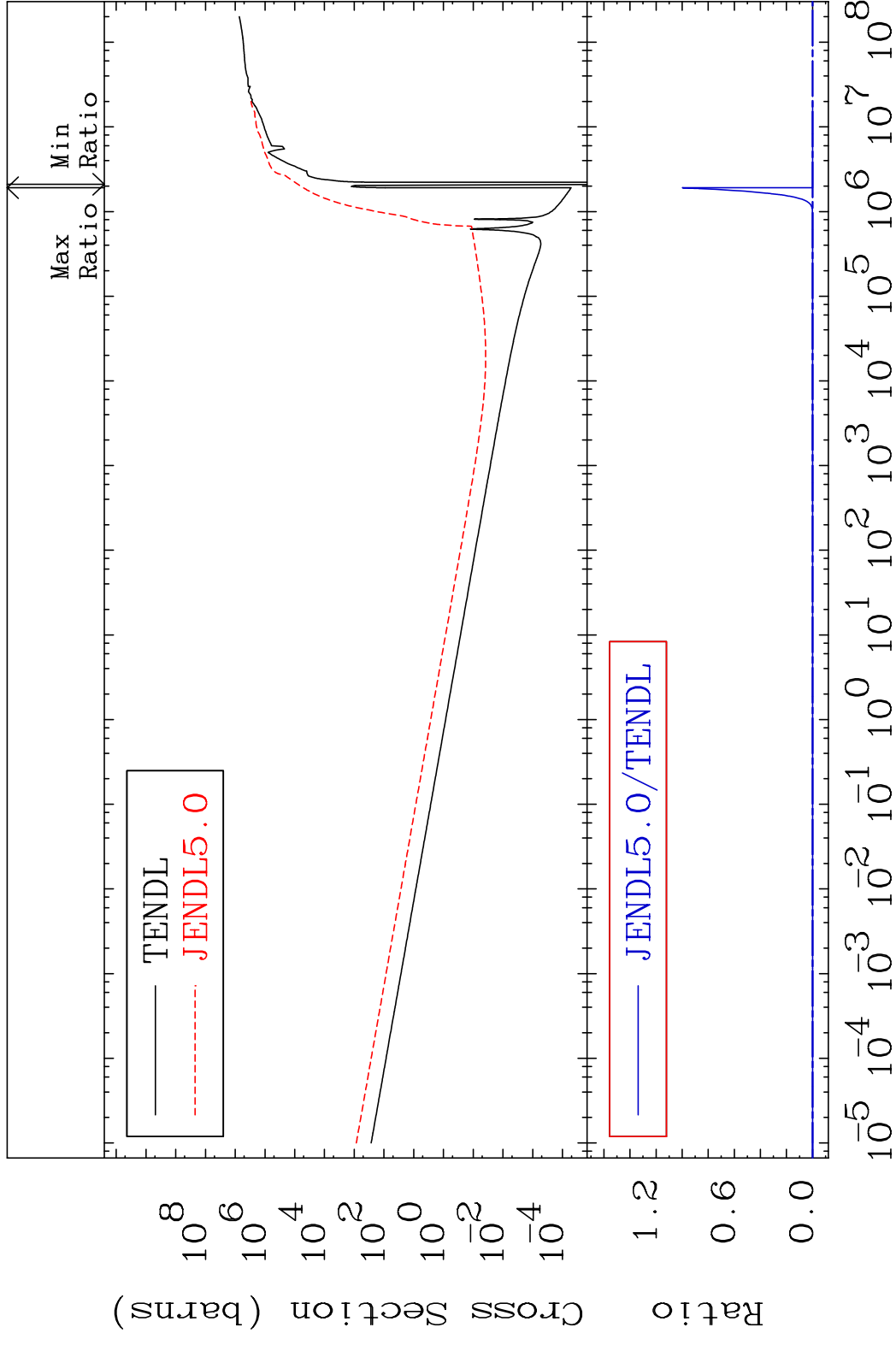
MAT 425      Kerma elastic      4-Be-9  
 Cross Section      -43.90 To 77.80 %



10<sup>8</sup>  
 10<sup>6</sup>  
 10<sup>4</sup>  
 10<sup>2</sup>  
 10<sup>0</sup>  
 10<sup>-2</sup>  
 10<sup>-4</sup>  
 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>

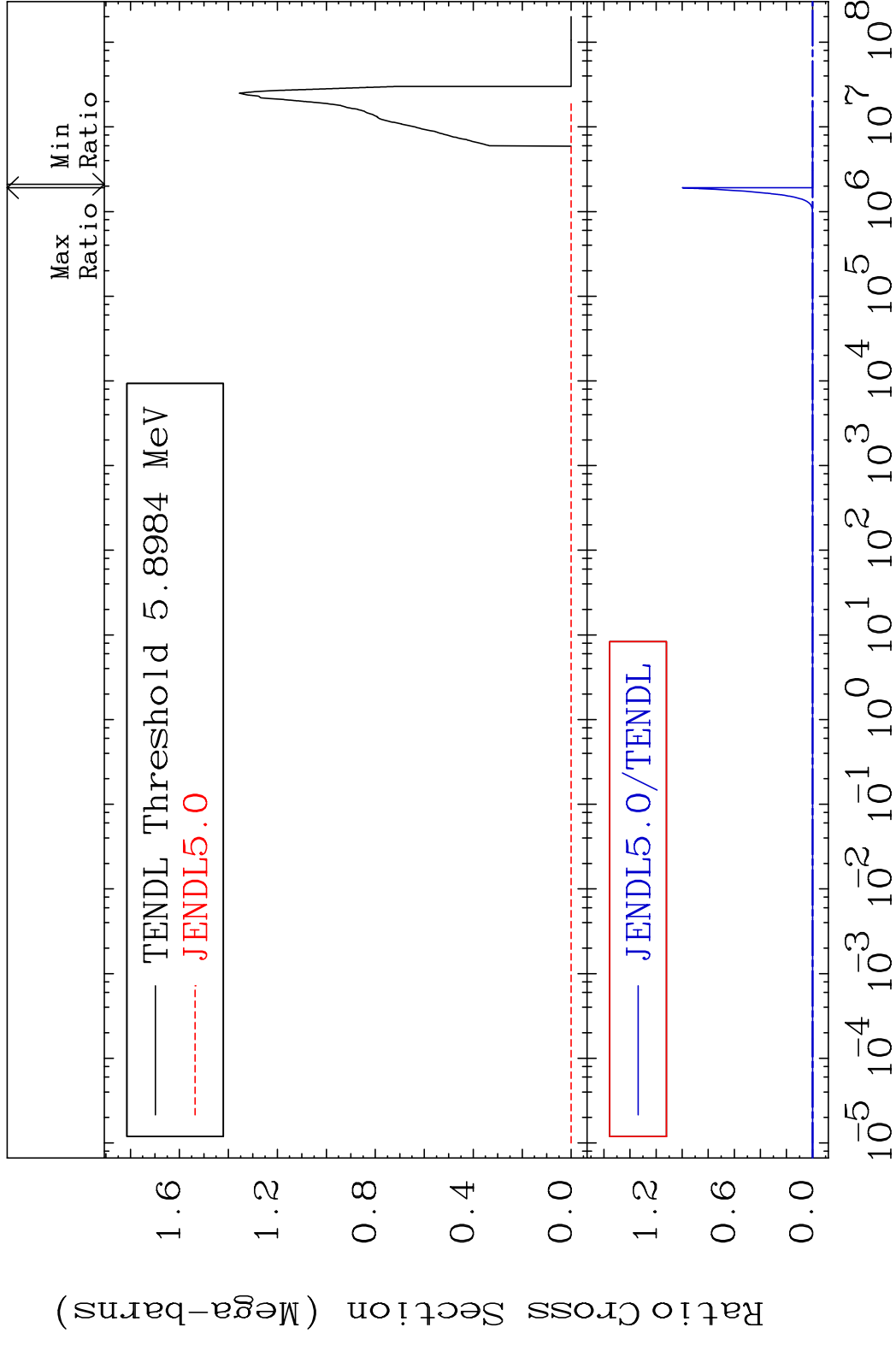
Ratio  
 2.0  
 1.0  
 Incident Energy (eV)      4-Be-9

MAT 425 Kerma non-elastic (all but mt2) 4-Be-9  
 Cross Section -9999. To 9999. %

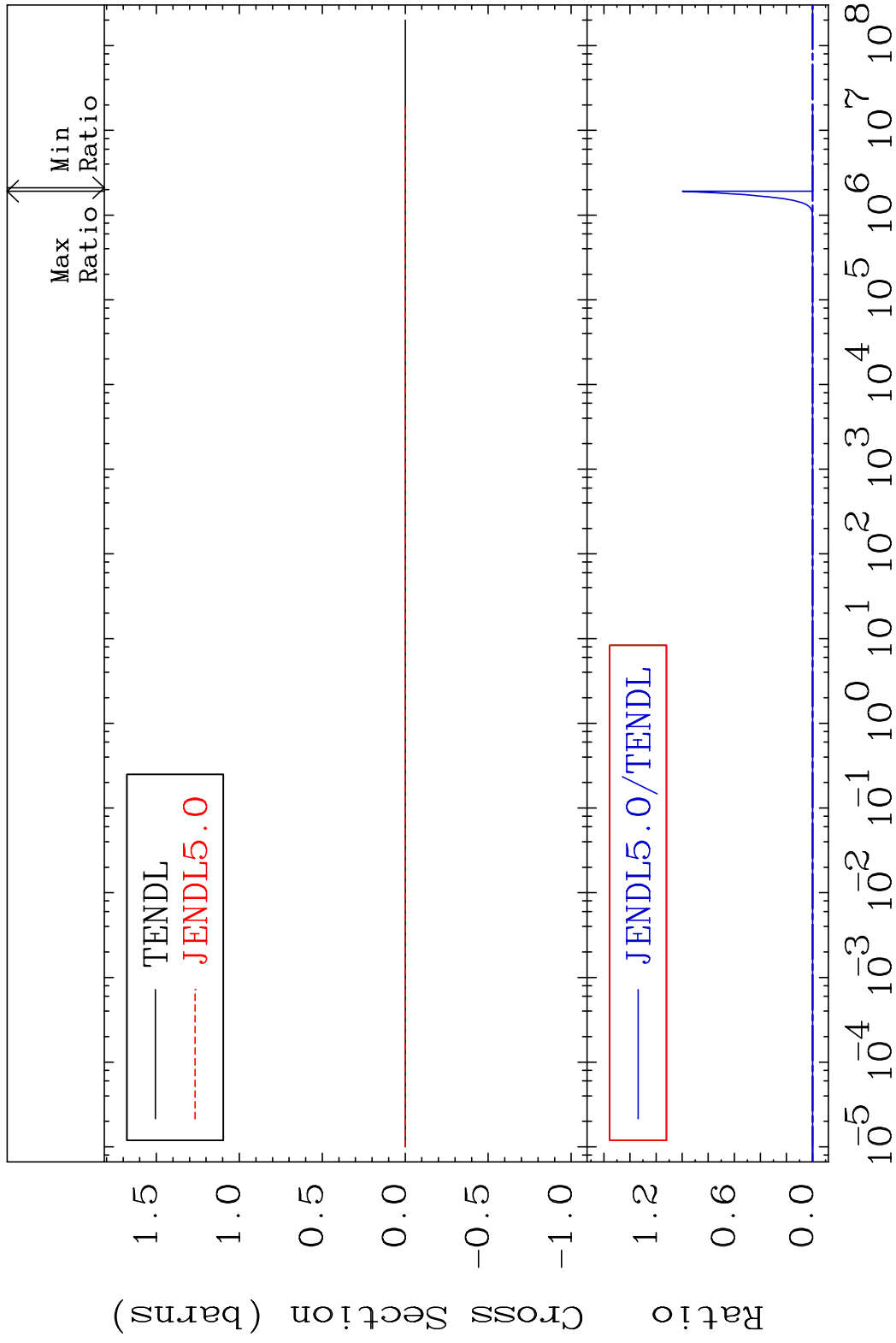


14 Incident Energy (eV) 4-Be-9

MAT 425 Kerma inelastic (mt51-91) 4-Be-9  
 Cross Section -9999. To 9999. %



MAT 425 Kerma fission (mt18 or mt19-20-21-38) 4-Be-9  
 Cross Section -9999. To 9999. %

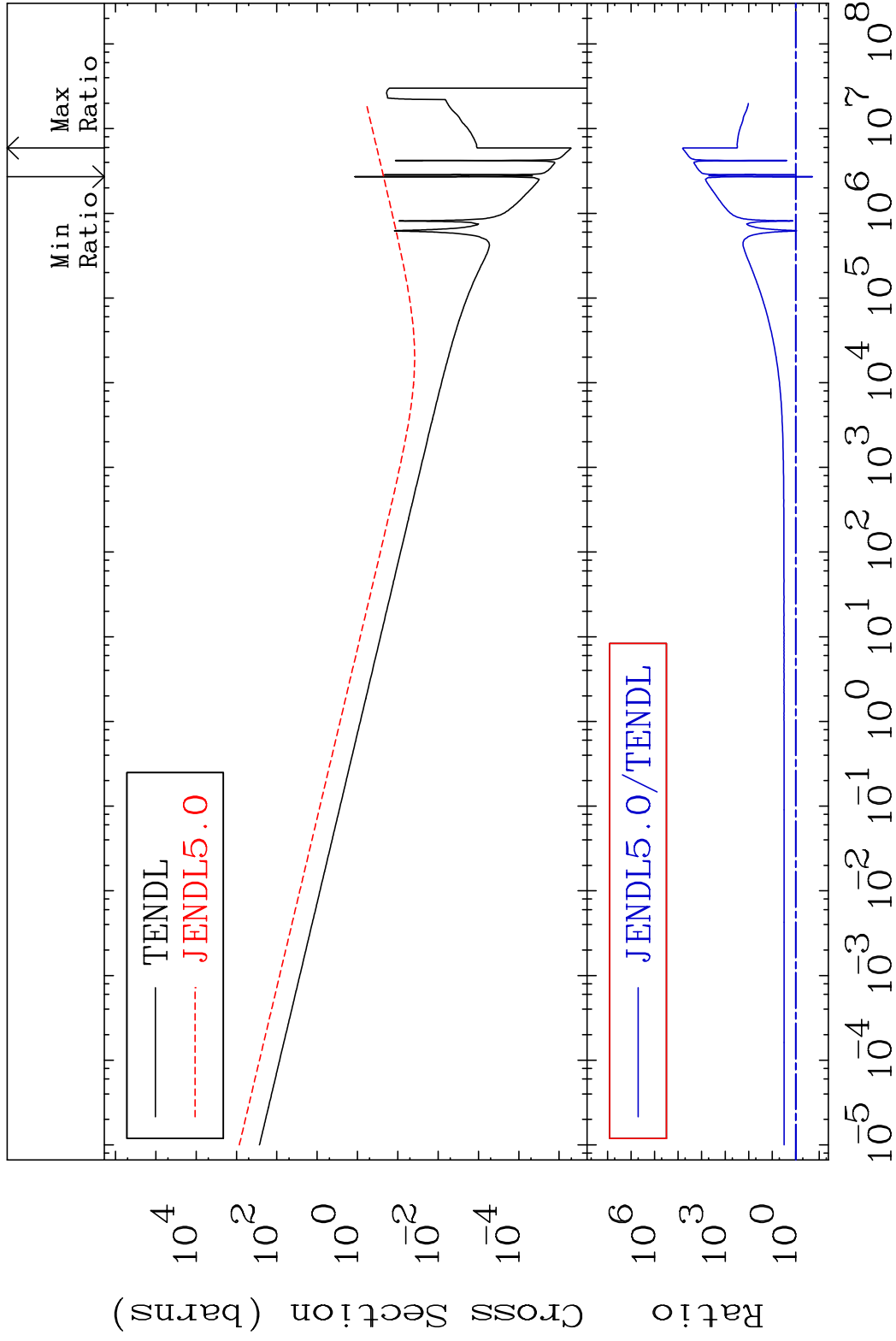


MAT 425

Kerma capture (mt102)

4-Be-9

Cross Section -80.68 To 9999. %

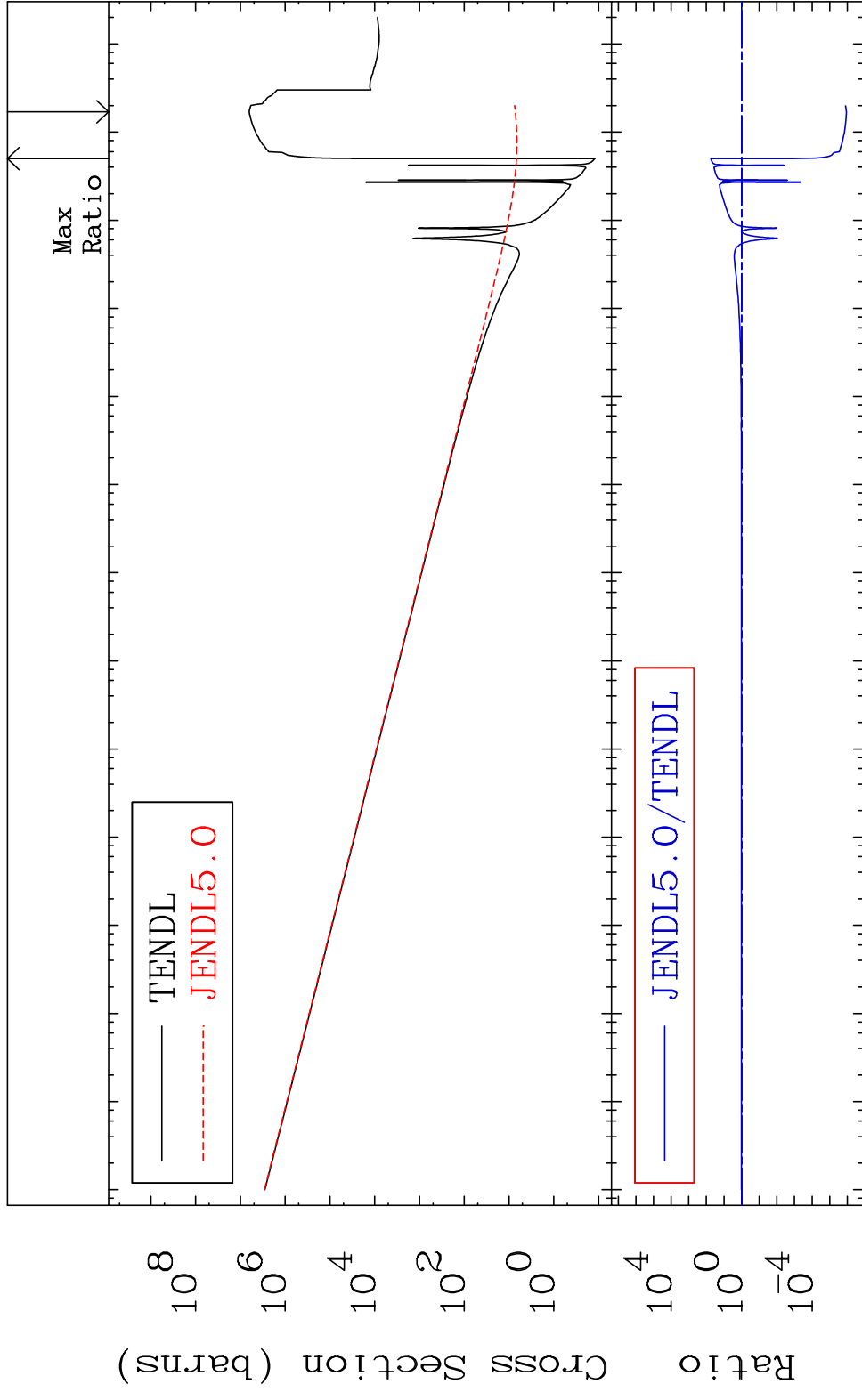


17

Incident Energy (eV)

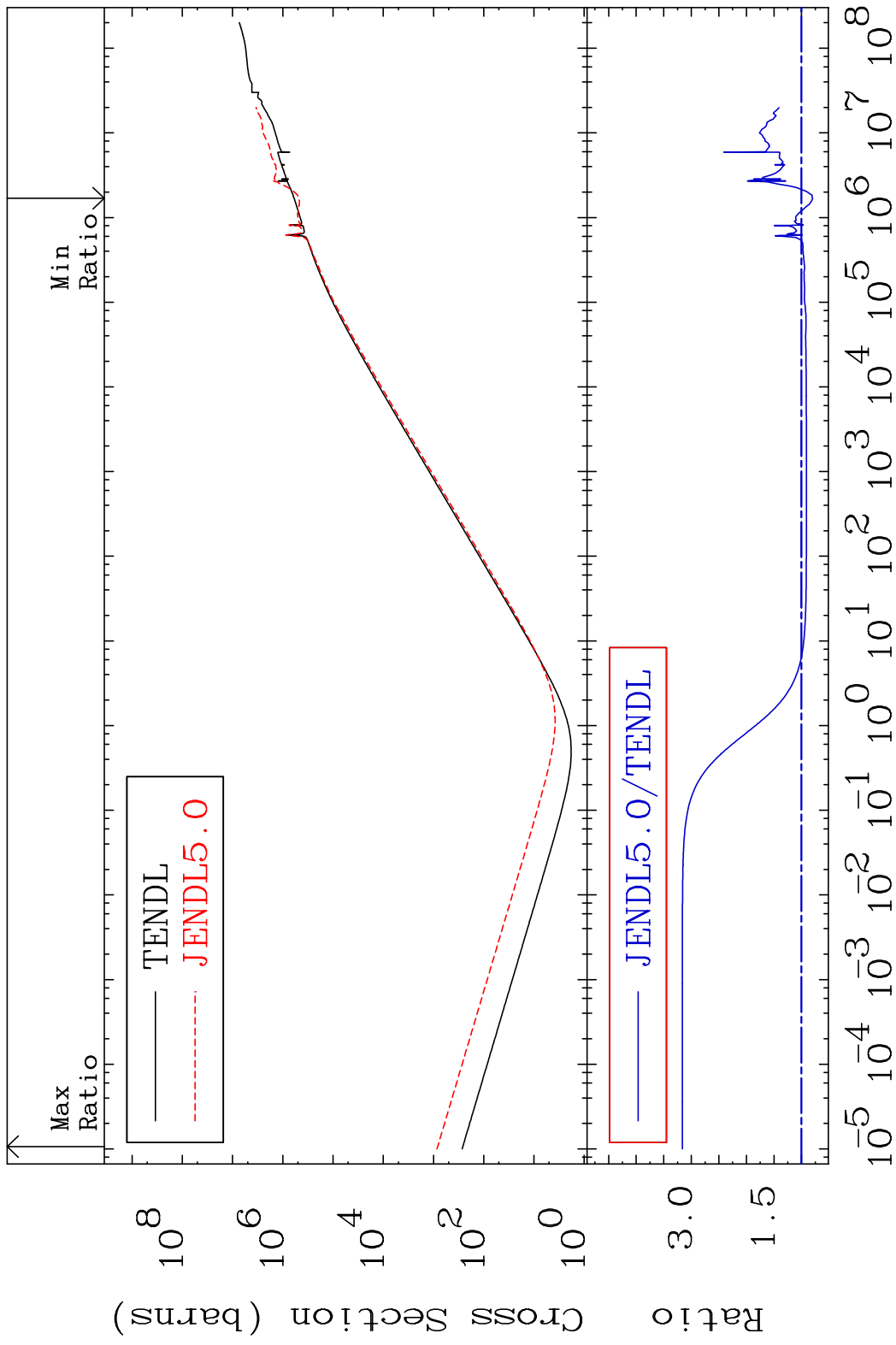
4-Be-9

MAT 425 Total photon (eV-barns) 4-Be-9  
 Cross Section -100.0 To 5557. %

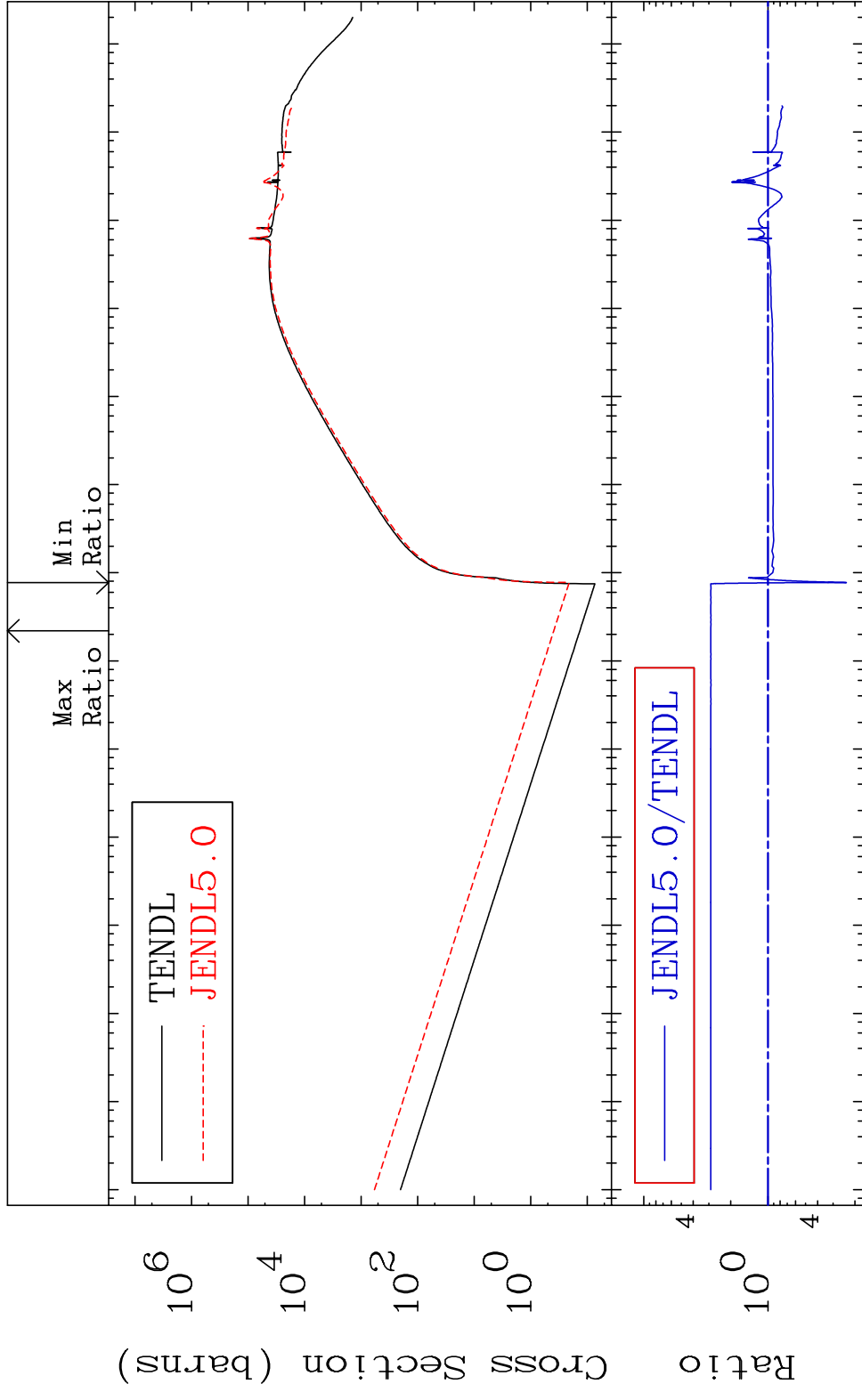


18 Incident Energy (eV) 4-Be-9

MAT 425 Total kinematic kerma (high limit) 4-Be-9  
Cross Section -19.99 To 216.3 %

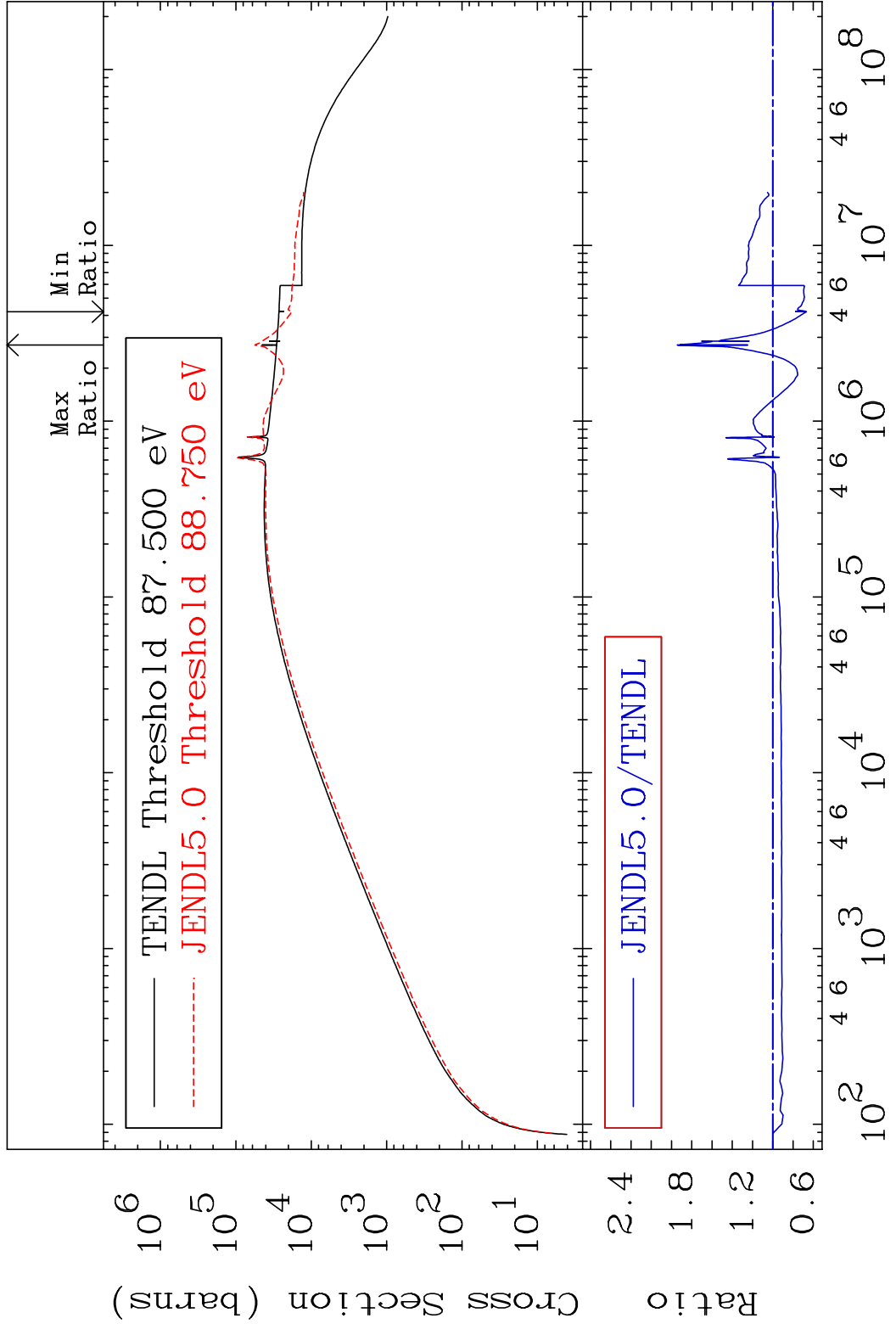


MAT 425 Dpa total (eV-barns) 4-Be-9  
 Cross Section -76.54 To 189.3 %



20 Incident Energy (eV) 4-Be-9

MAT 425 Dpa elastic (mt2) 4-Be-9  
Cross Section -33.20 To 94.39 %



21 Incident Energy (eV) 4-Be-9

MAT 425 Dpa inelastic (mt51-91) 4-Be-9  
 Cross Section -33.20 To 94.39 %

