

Program Complot  
(Version 2021-1)

by

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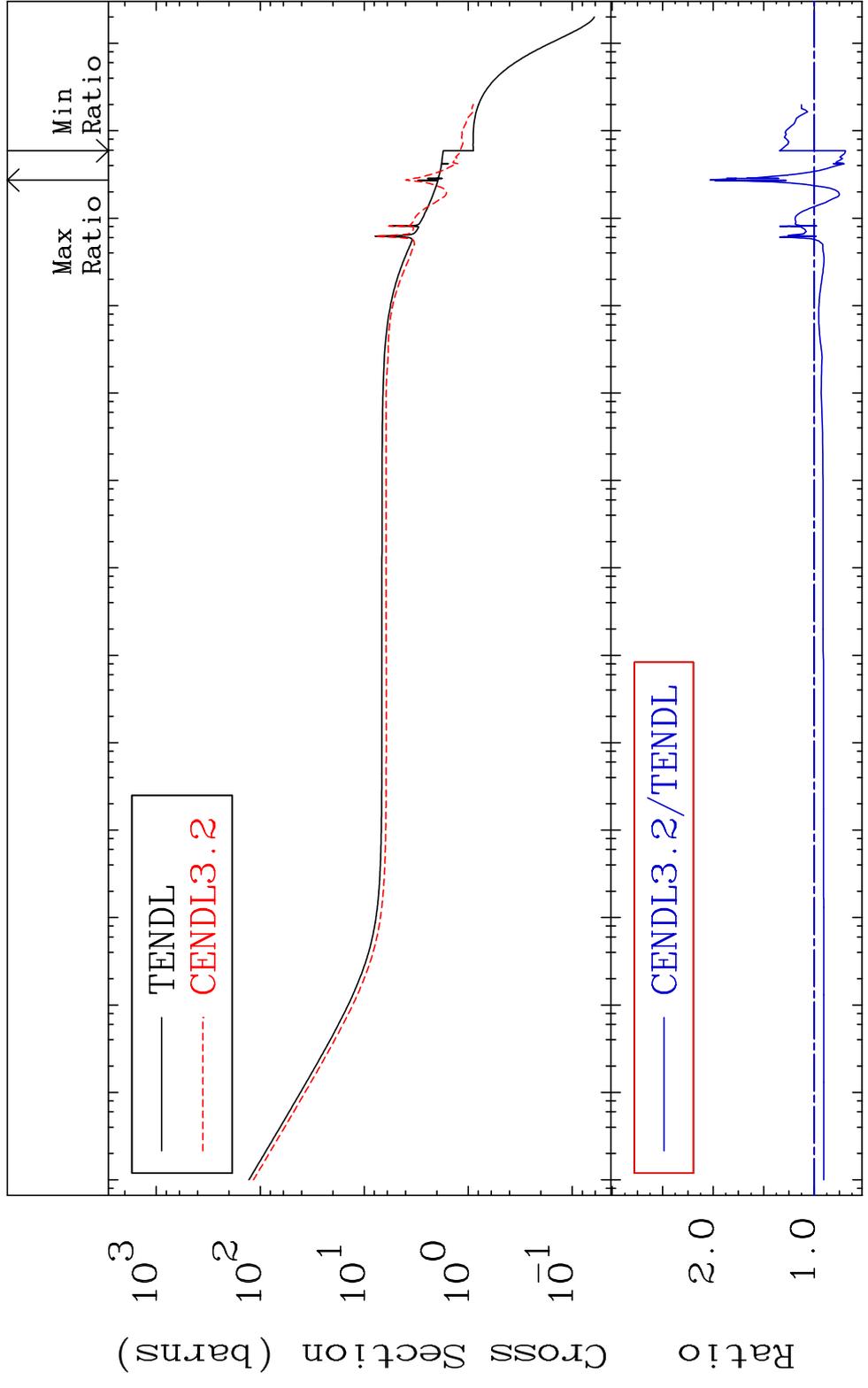
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E.Mail:redcullen1@comcast.net  
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Press Mouse Button to Start

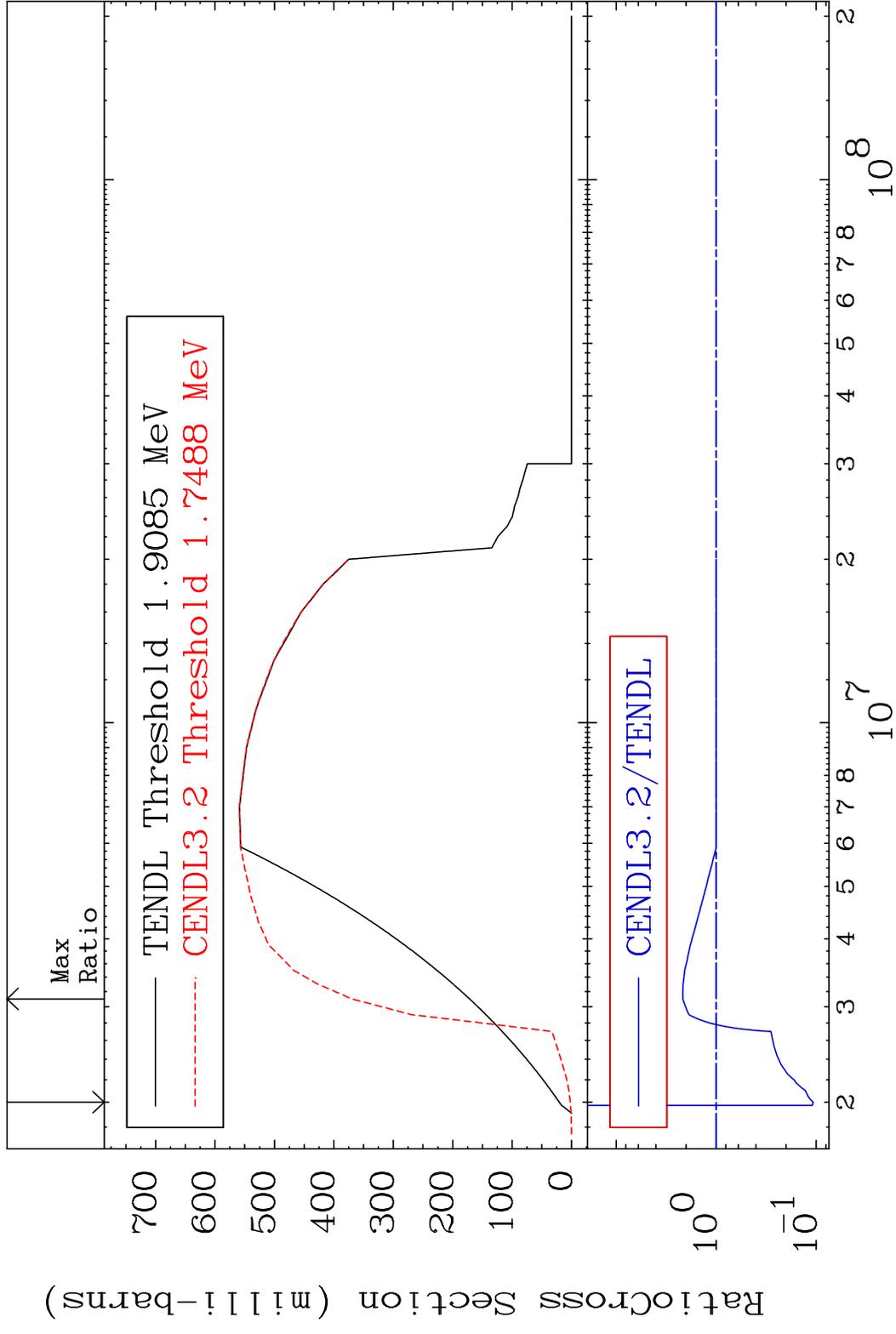


MAT 425                      Elastic                      4-Be-9  
Cross Section                      -31.06 To 103.1 %



2                      Incident Energy (eV)                      4-Be-9

MAT 425 (n,2n) 4-Be-9  
 Cross Section -89.27 To 115.6 %

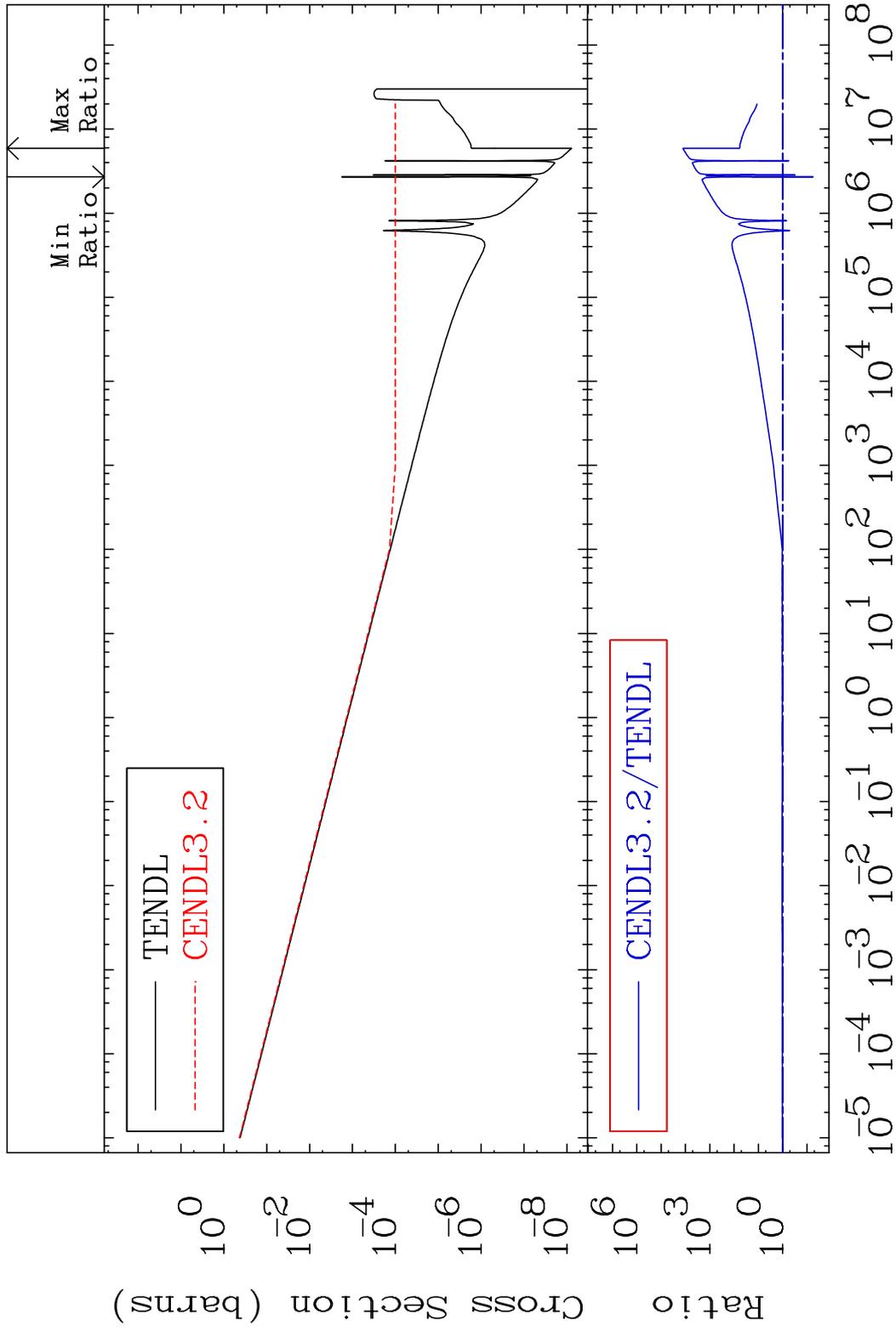


MAT 425

(n,  $\gamma$ )

4-Be-9

Cross Section -94.41 To 9999. %

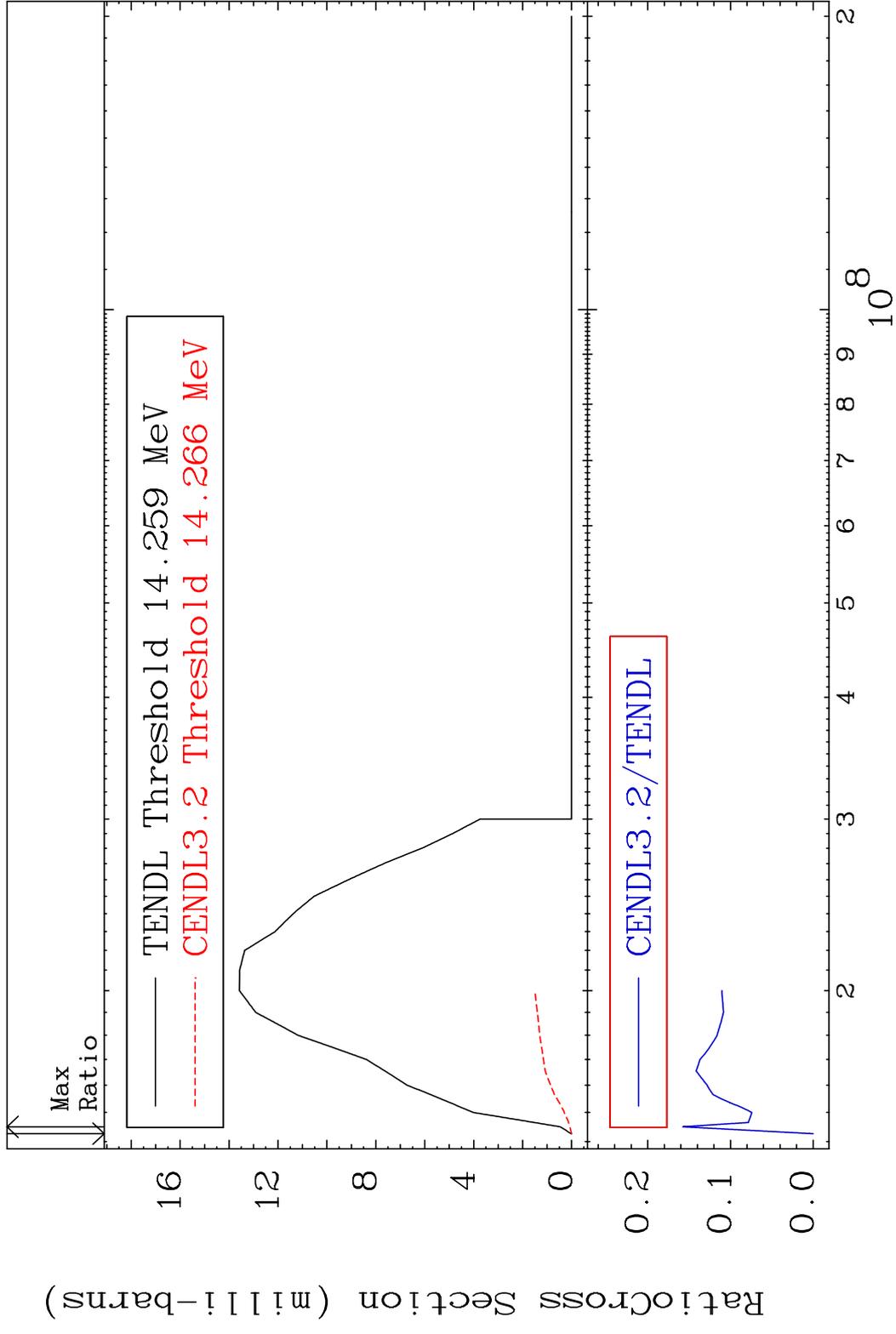


4

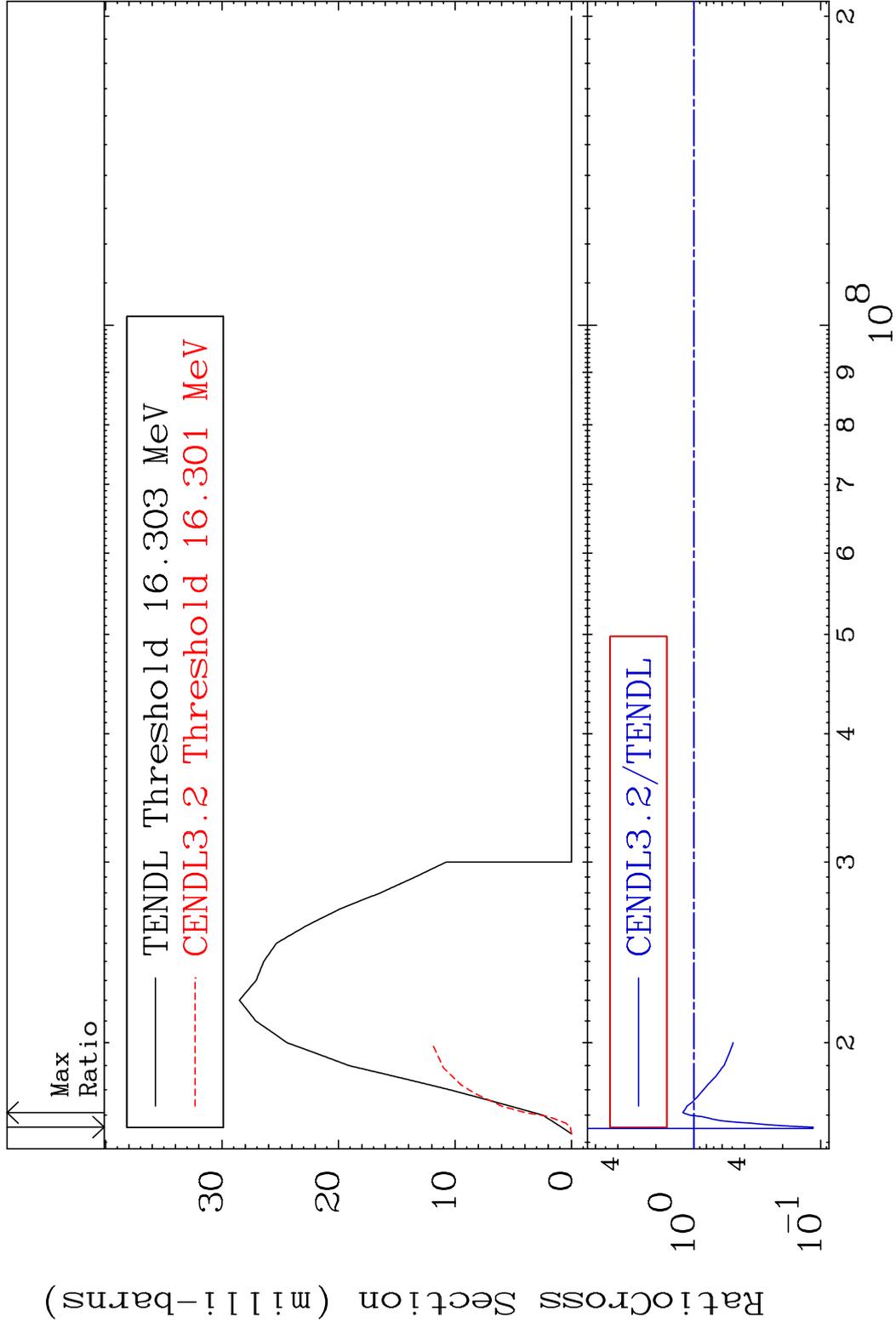
Incident Energy (eV)

4-Be-9

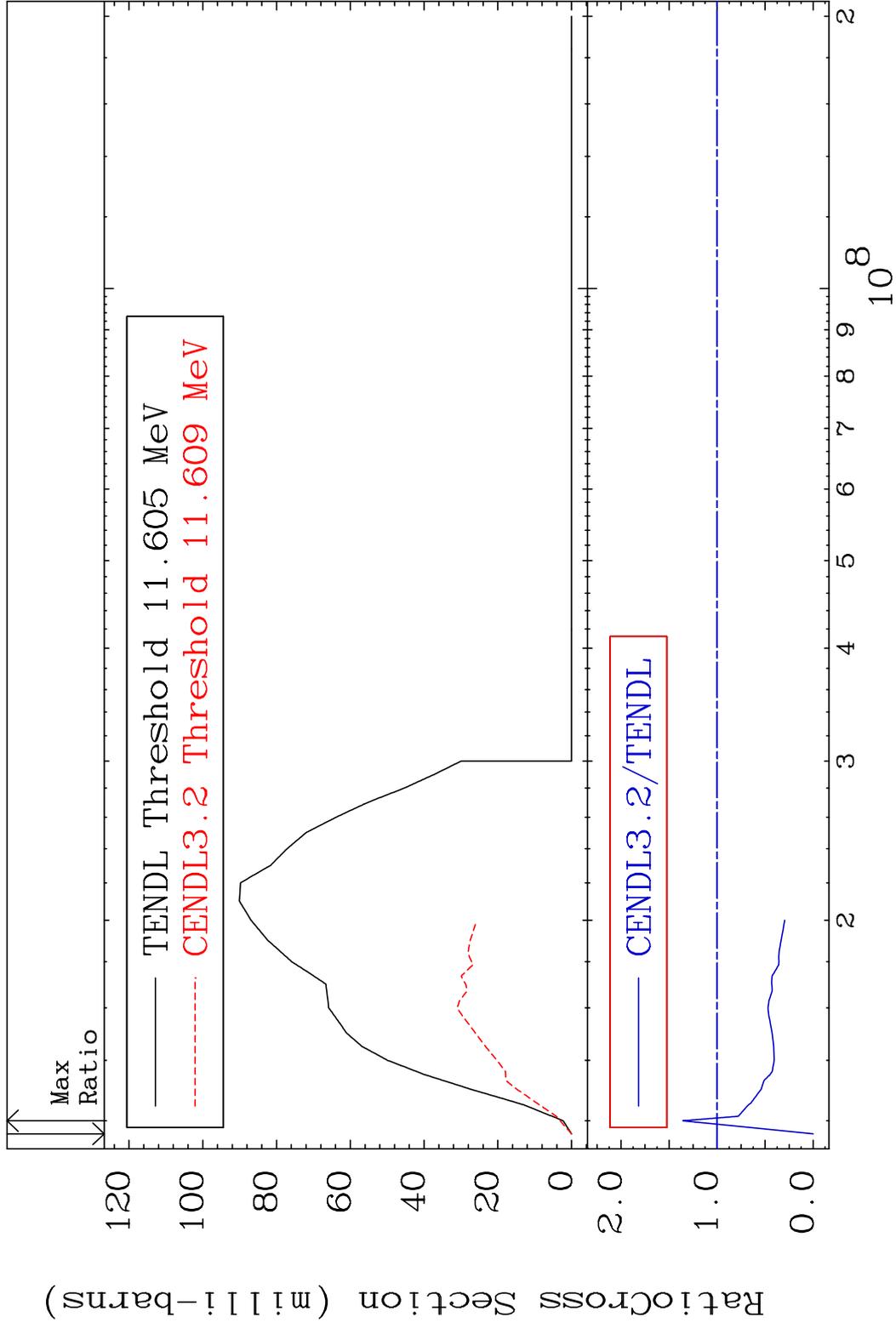
MAT 425 (n,p) 4-Be-9  
 Cross Section -100.0 To -84.24%



MAT 425 (n,d) 4-Be-9  
 Cross Section -88.54 To 22.59 %



MAT 425 (n, t) 4-Be-9  
 Cross Section -100.0 To 35.70 %

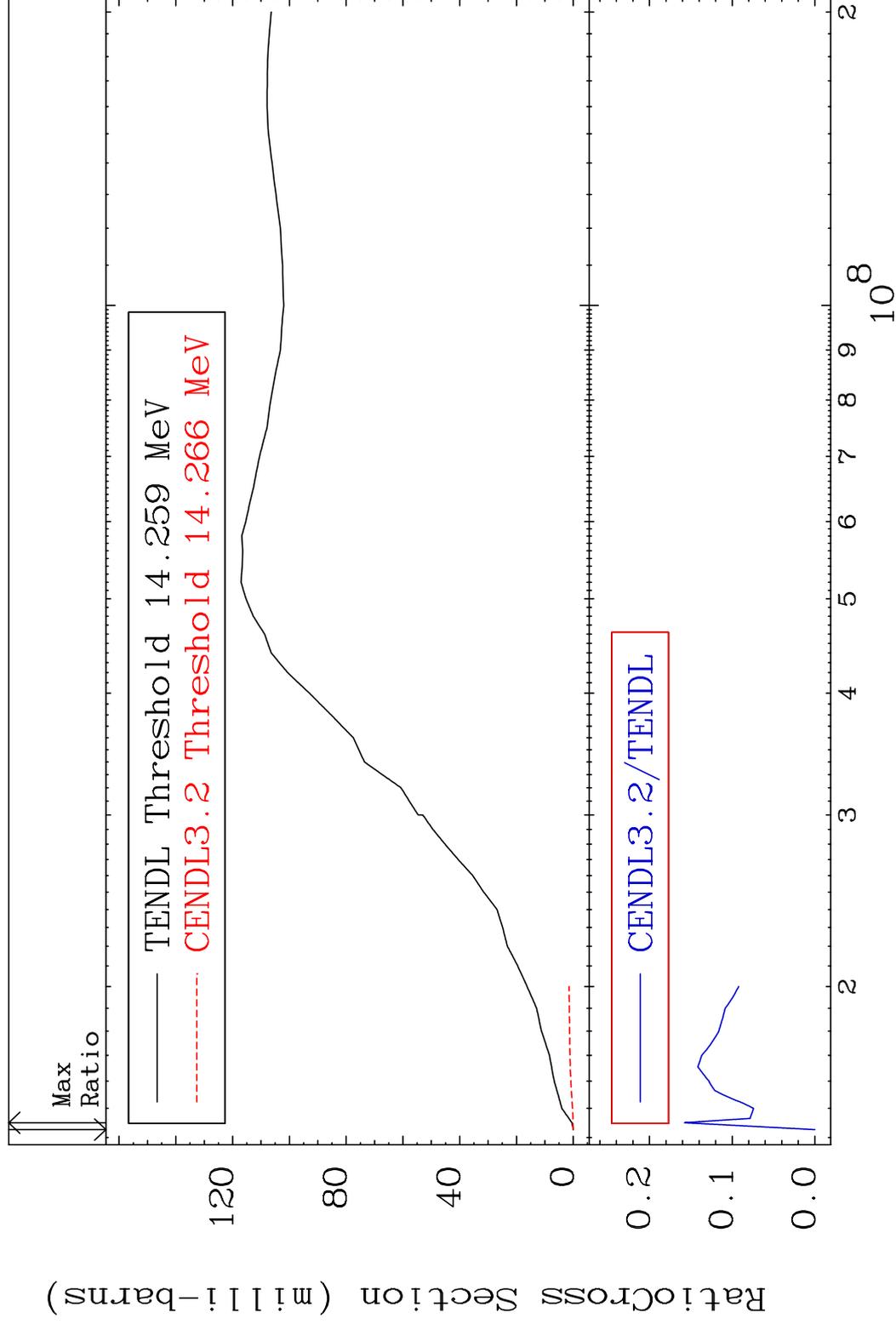


MAT 425

Hydrogen Production

4-Be-9

Cross Section -100.0 To -84.24%



8

Incident Energy (eV)

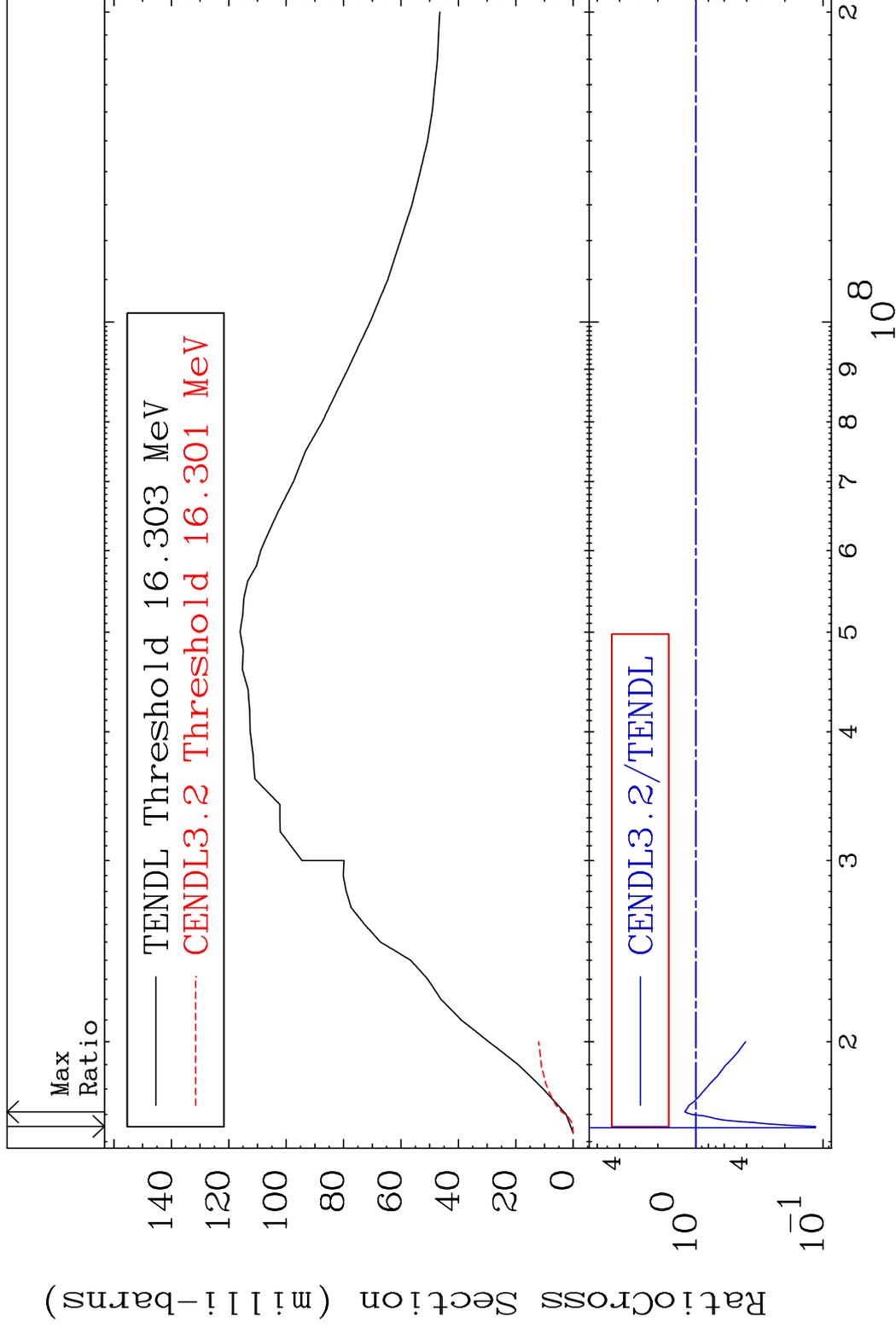
4-Be-9

MAT 425

Deuterium Production

4-Be-9

Cross Section -88.54 To 22.59 %

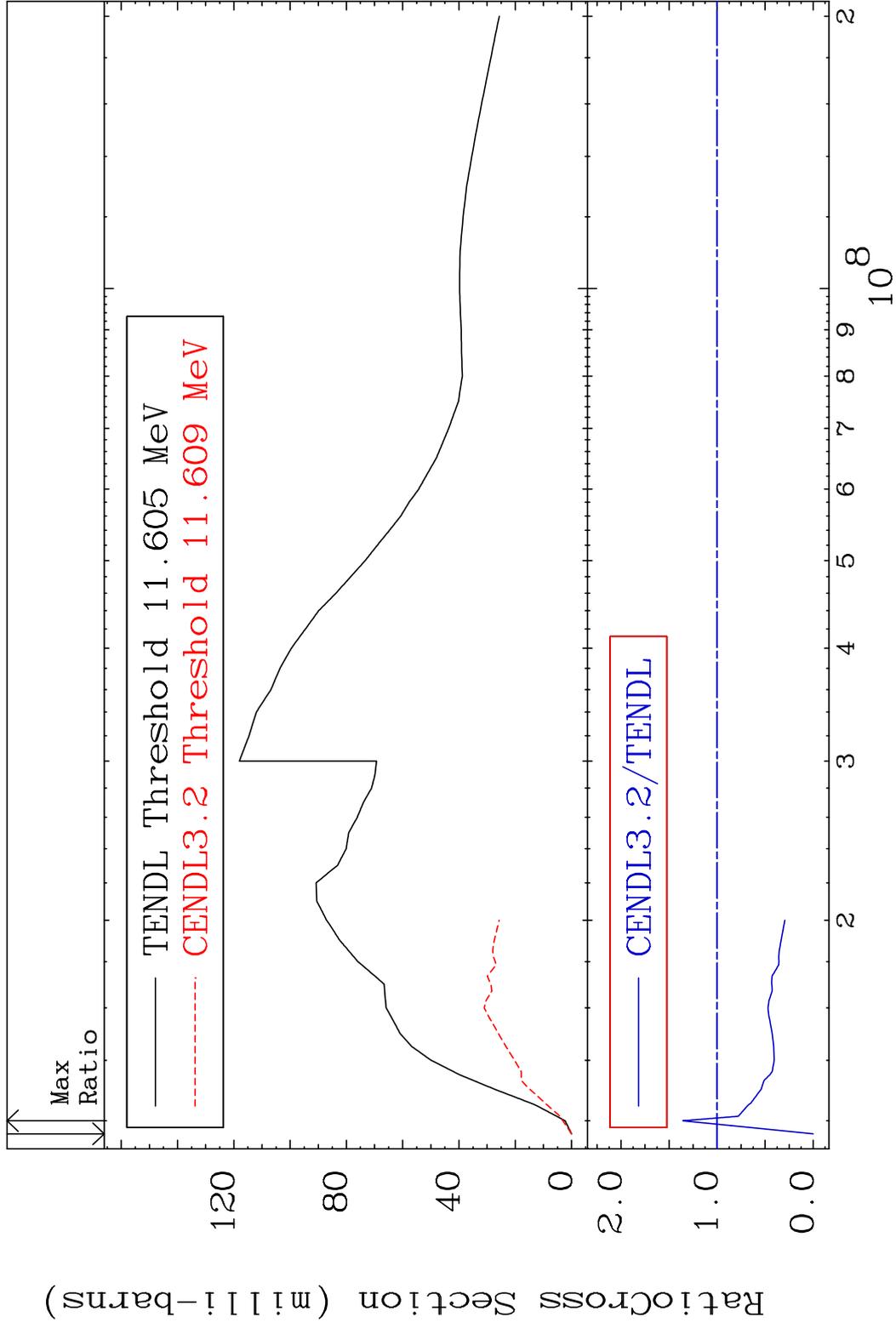


9

Incident Energy (eV)

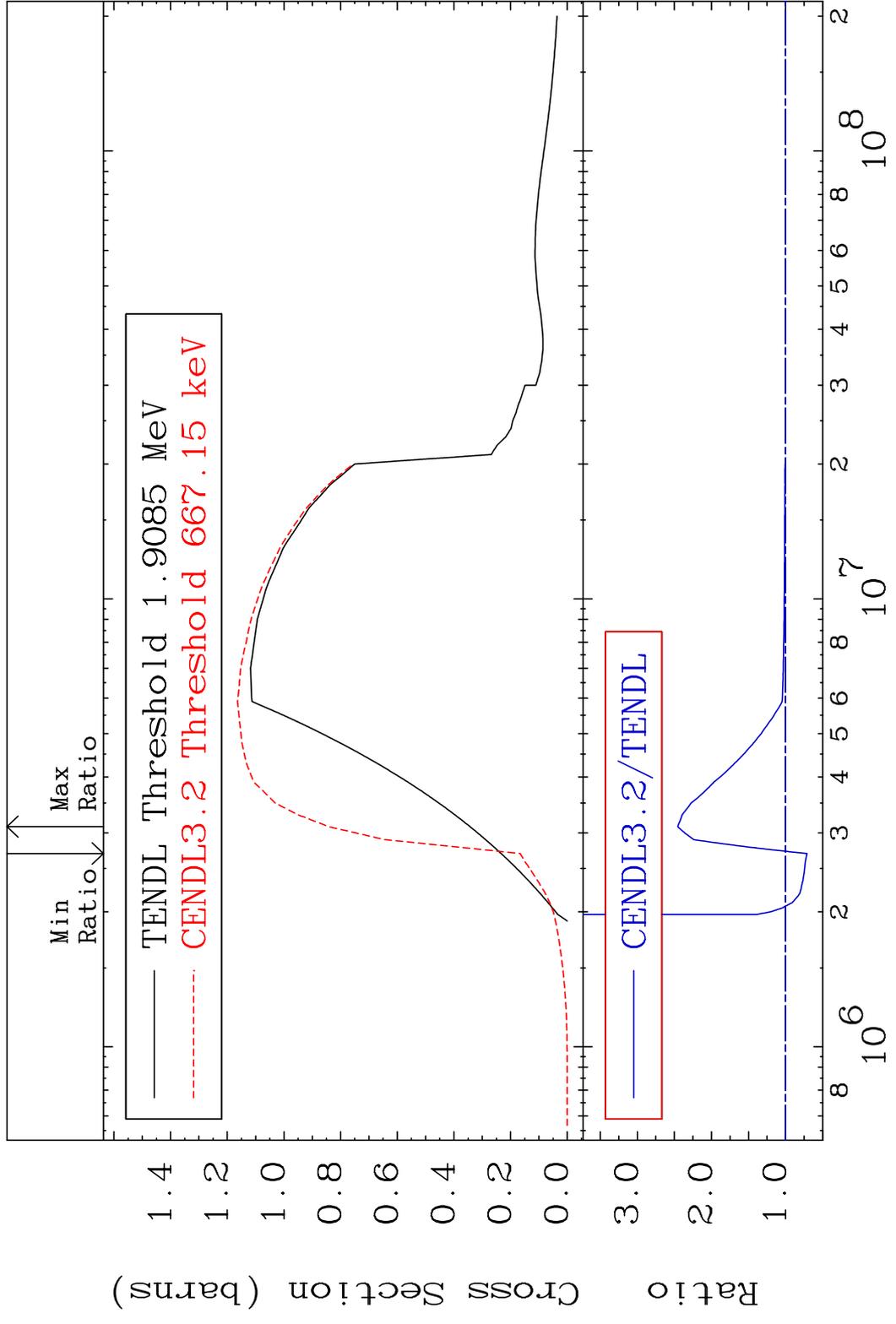
4-Be-9

MAT 425 Tritium Production 4-Be-9  
 Cross Section -100.0 To 35.70 %

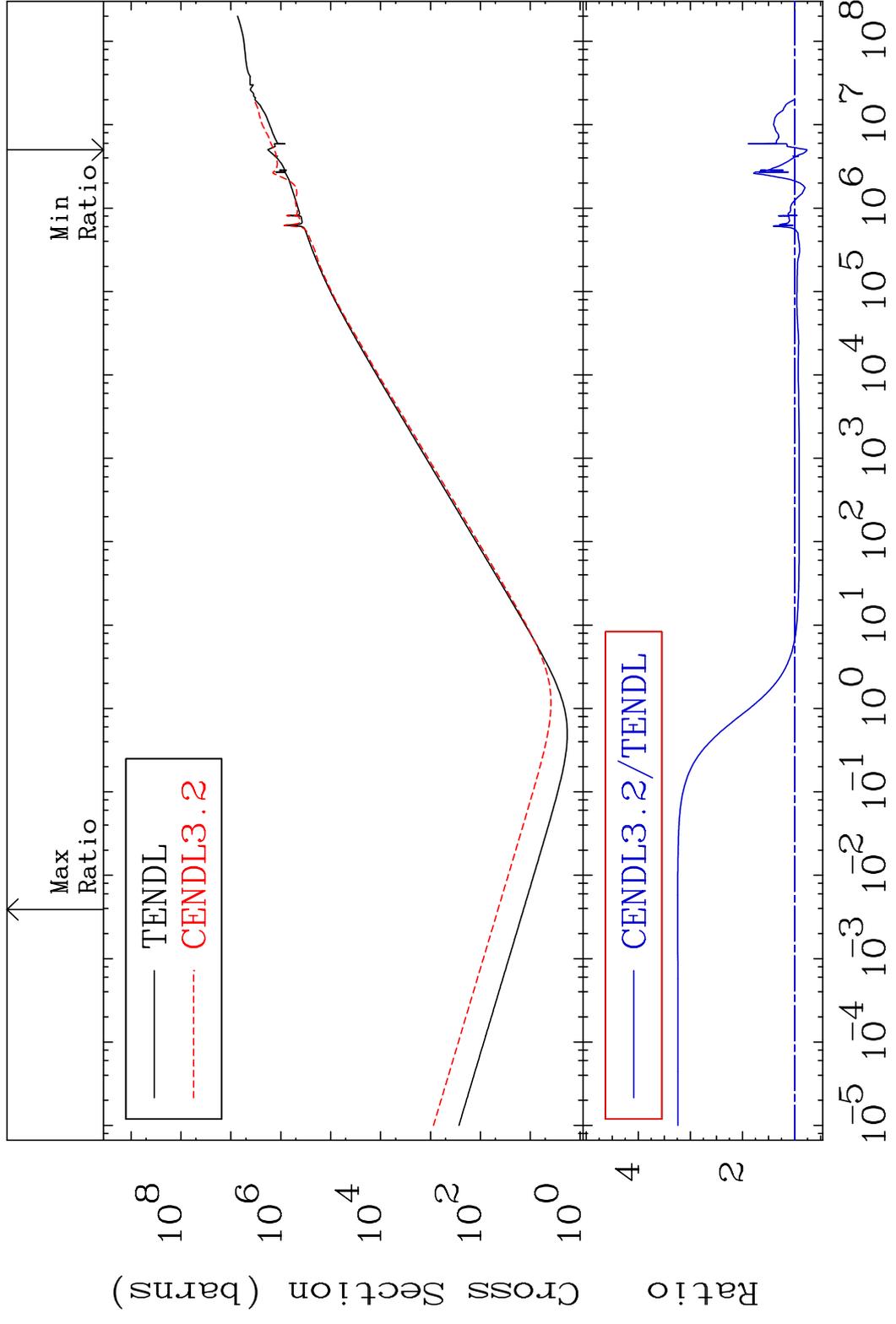


10 100 1000 10000 100000 1000000 10000000 100000000 1000000000 2000000000

MAT 425 He-4 Production 4-Be-9  
 Cross Section -28.87 To 145.6 %

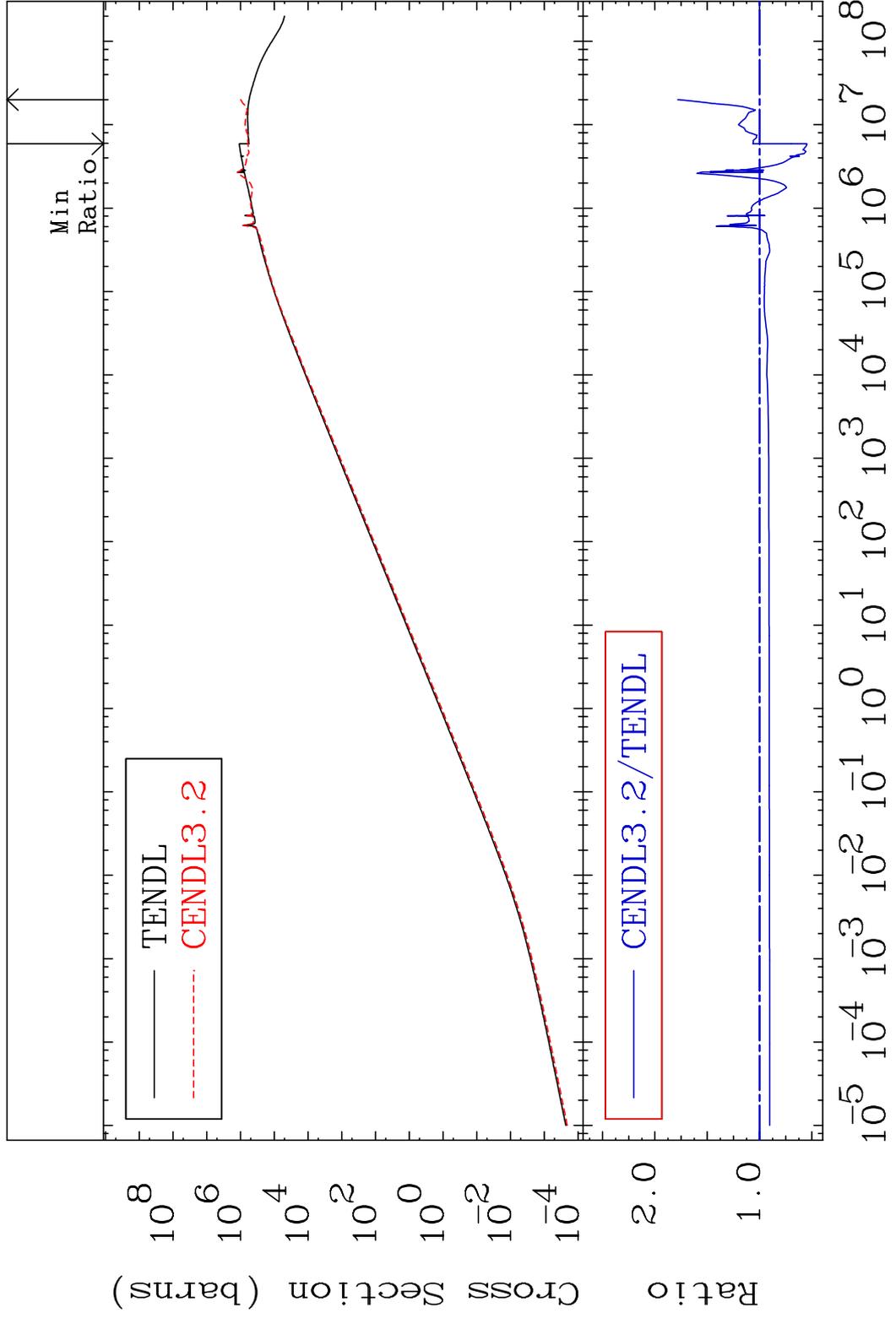


MAT 425 Kerma total (eV-barns) 4-Be-9  
 Cross Section -23.83 To 224.3 %

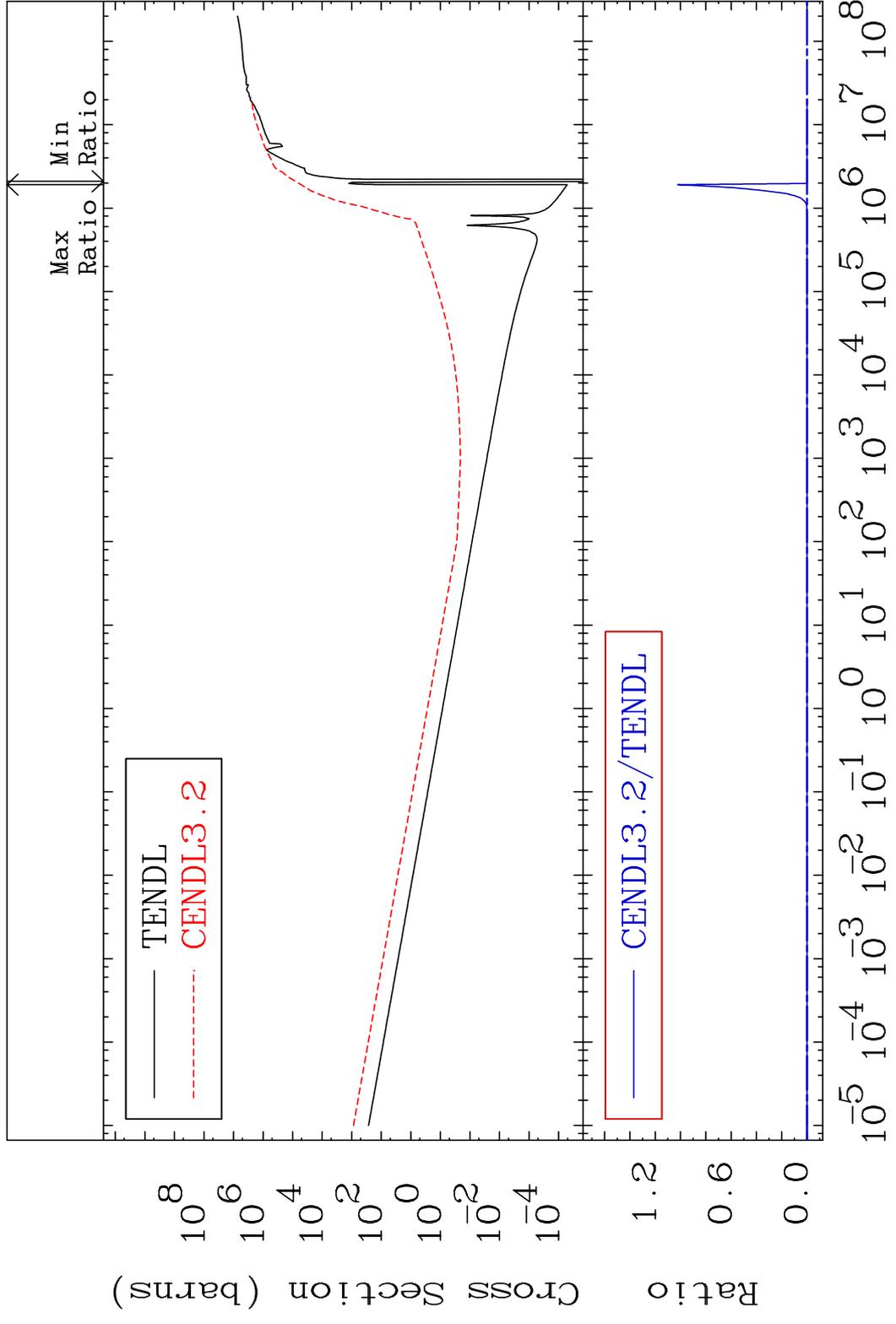


12 Incident Energy (eV) 4-Be-9

MAT 425      Kerma elastic      4-Be-9  
 Cross Section      -45.30 To 78.27 %

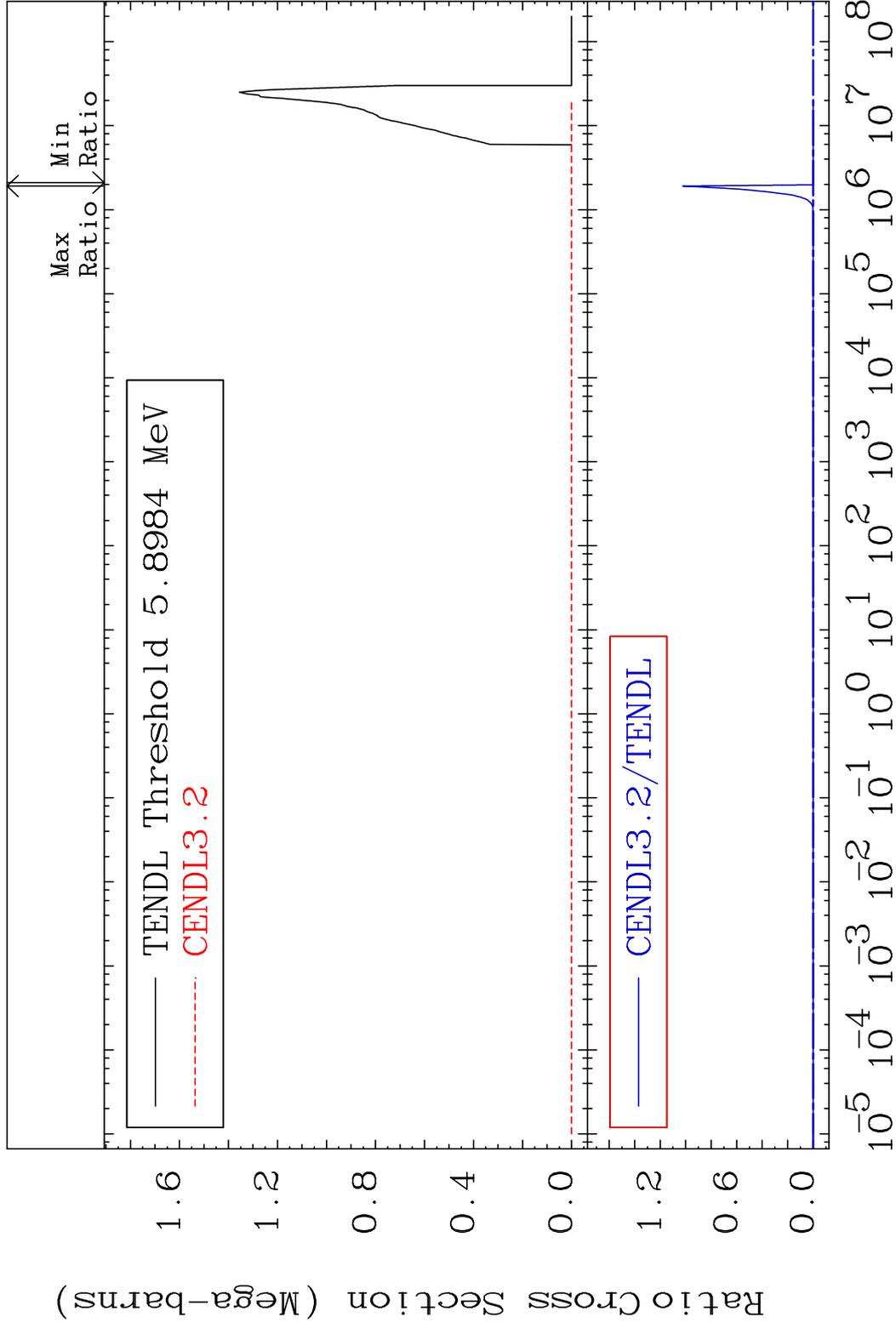


MAT 425 Kerma non-elastic (all but mt2) 4-Be-9  
 Cross Section -9999. To 9999. %



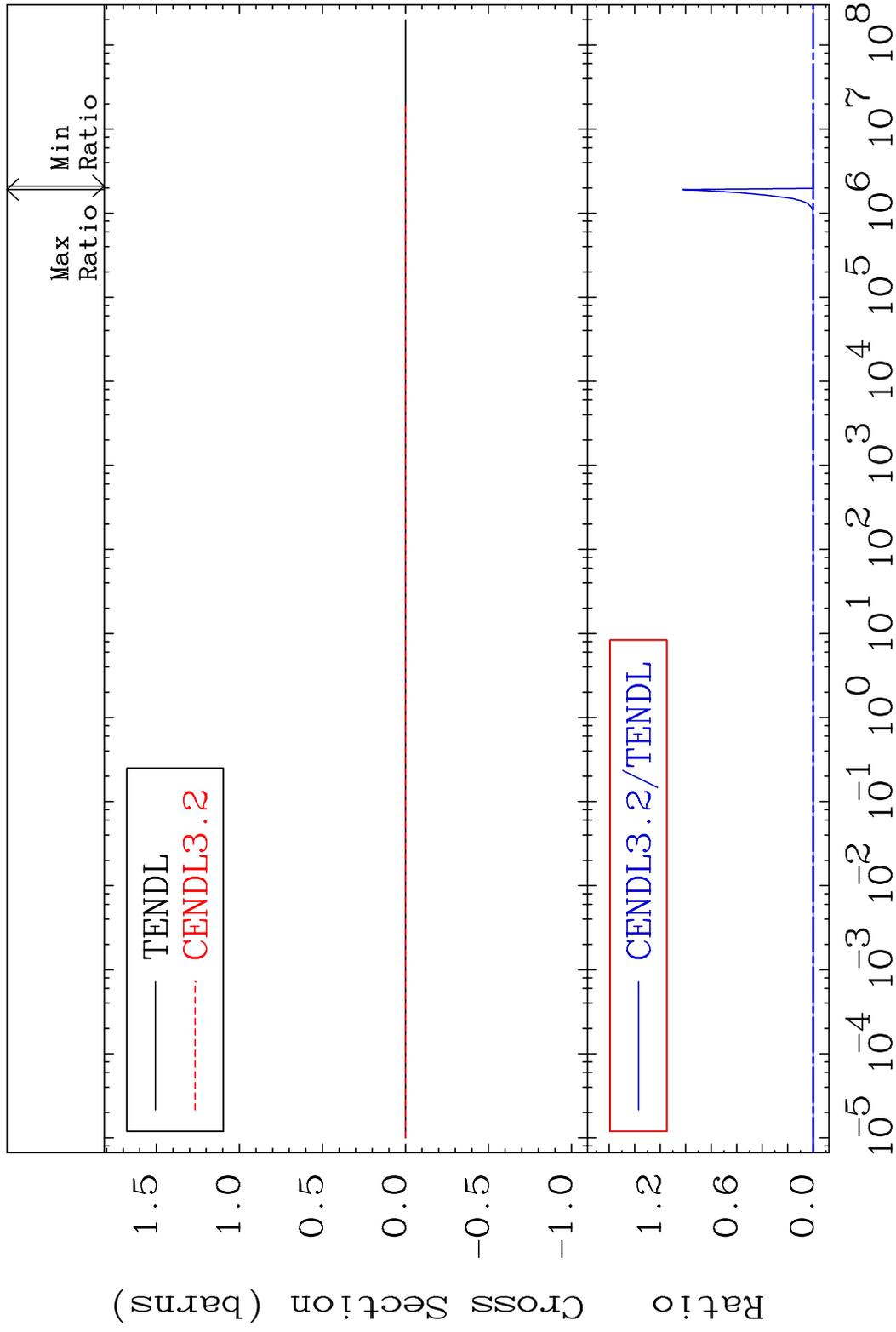
14 Incident Energy (eV) 4-Be-9

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

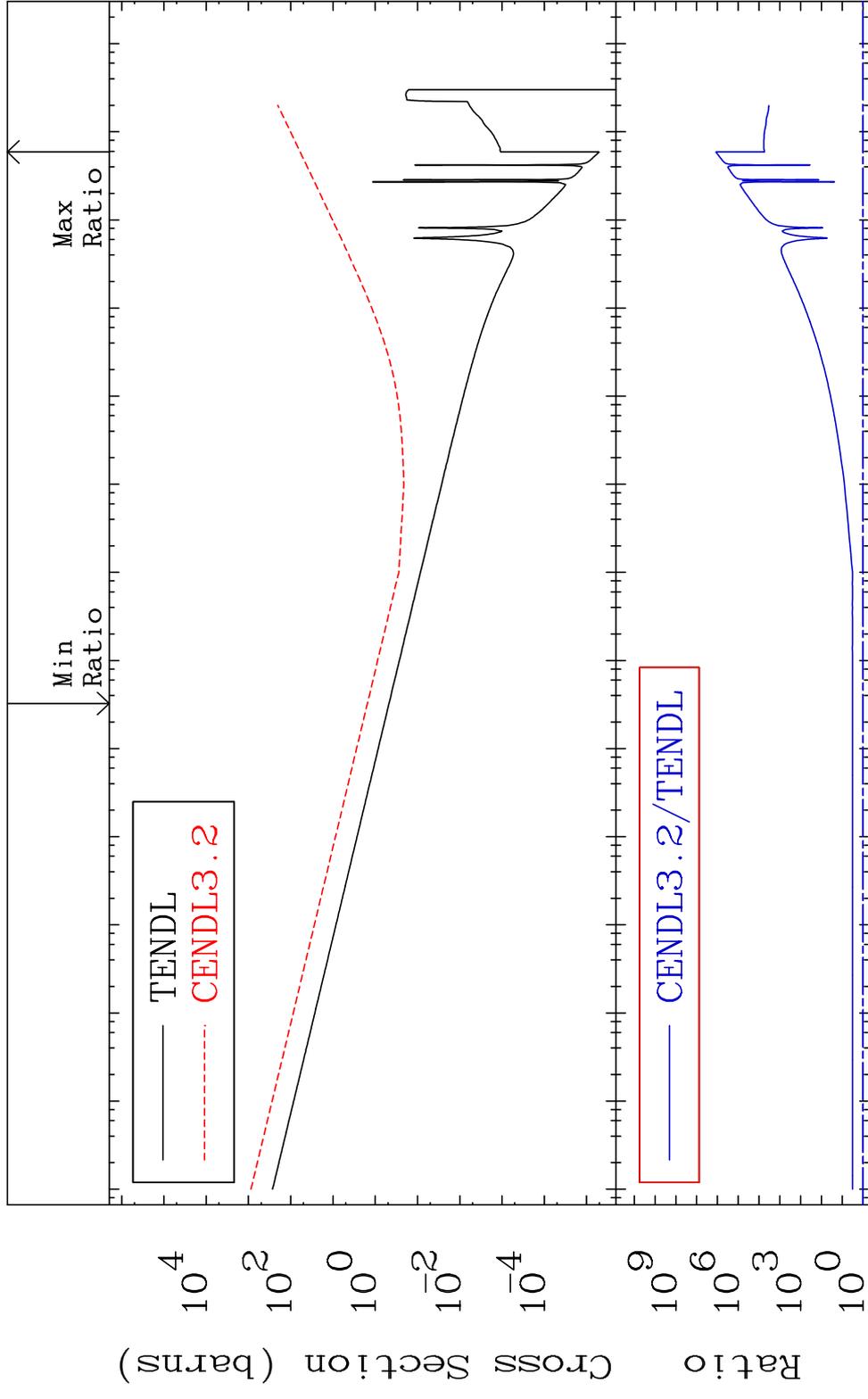


15 4-Be-9

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

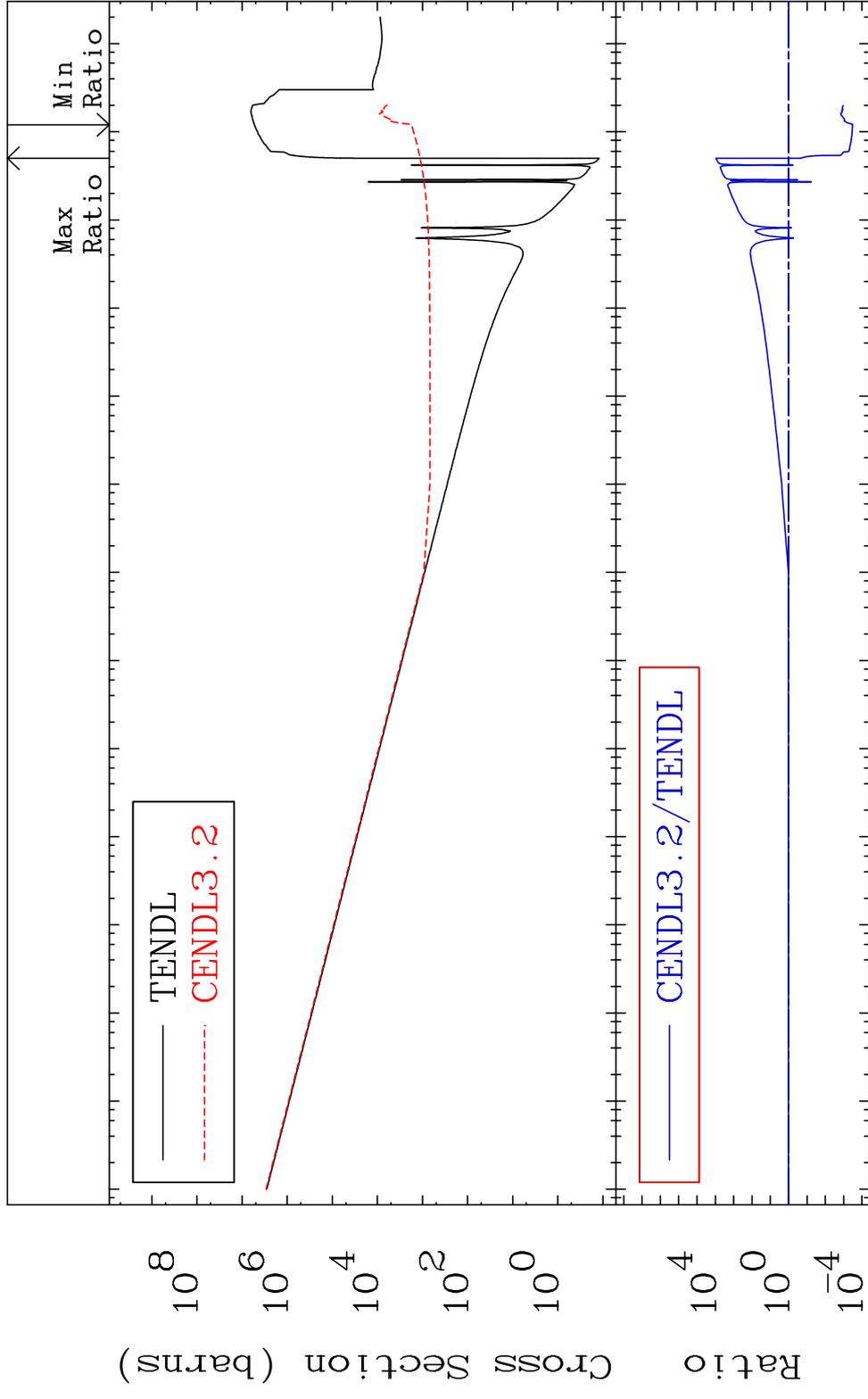


MAT 425 Kerma capture (mt102) 4-Be-9  
 Cross Section 223.8 To 9999. %



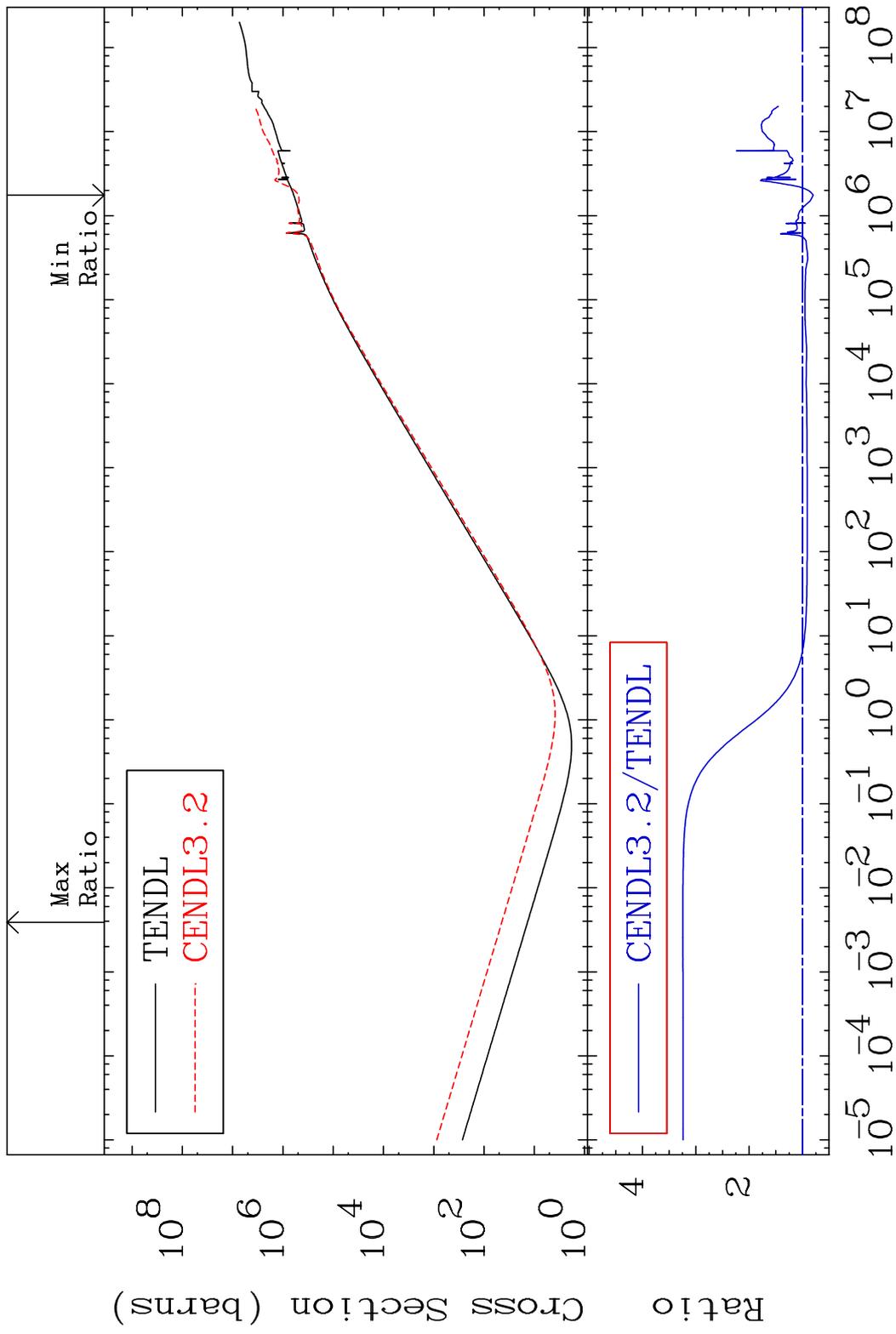
17 Incident Energy (eV) 4-Be-9

MAT 425 Total photon (eV-barns) 4-Be-9  
 Cross Section -99.97 To 9999. %

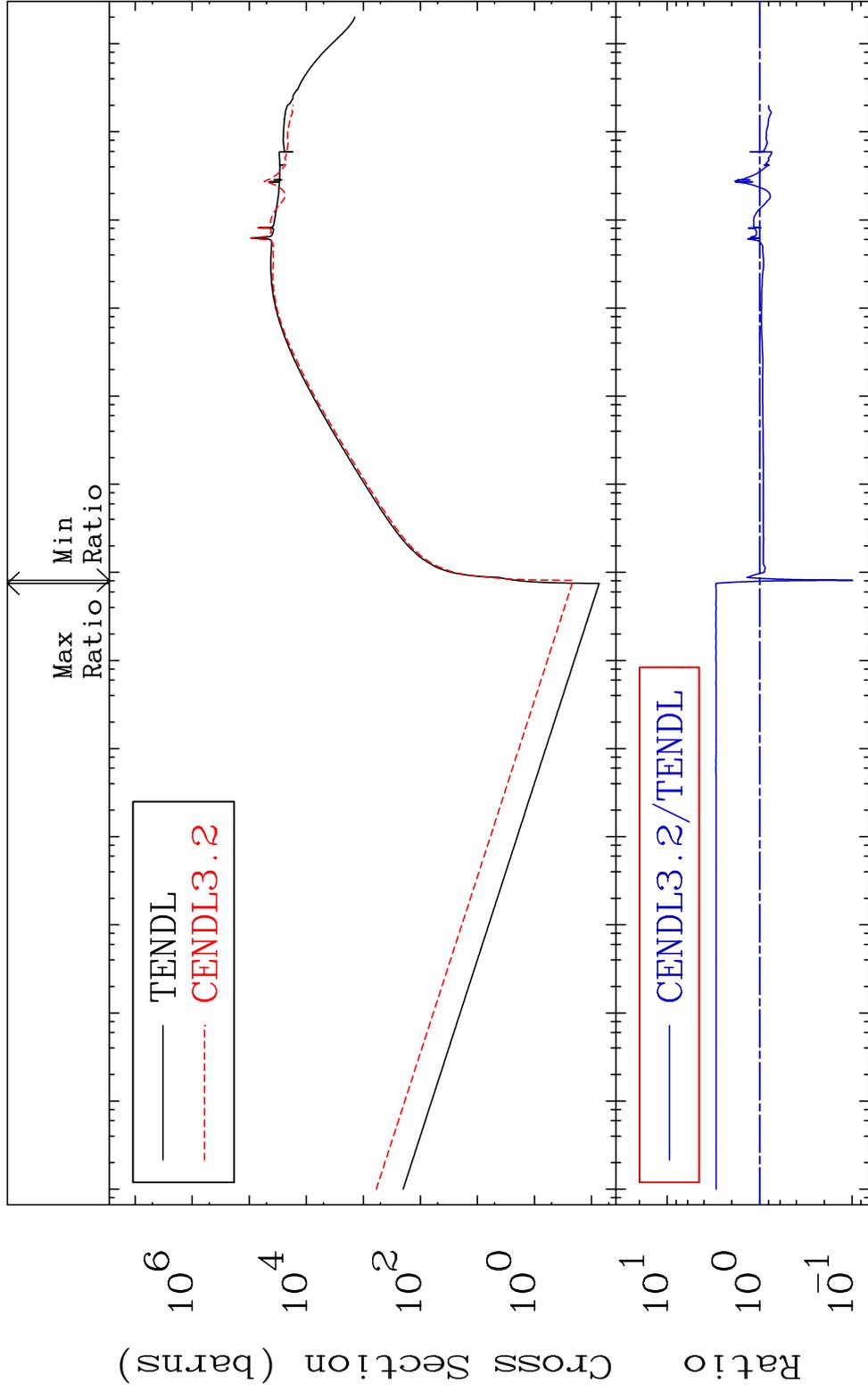


18 Incident Energy (eV) 4-Be-9

MAT 425 Total kinematic kerma (high limit) 4-Be-9  
 Cross Section -19.91 To 224.3 %

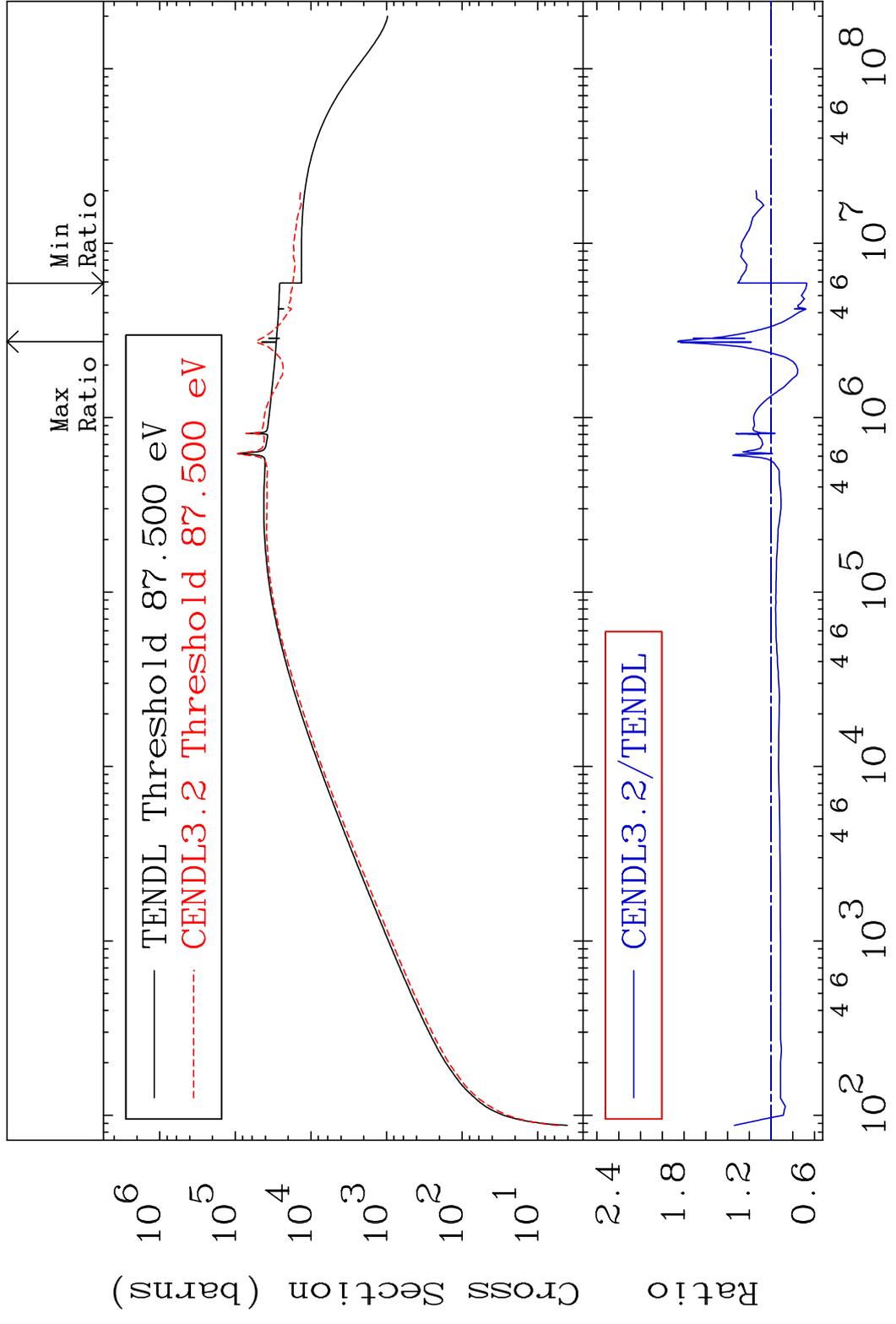


MAT 425 Dpa total (eV-barns) 4-Be-9  
 Cross Section -90.12 To 197.4 %



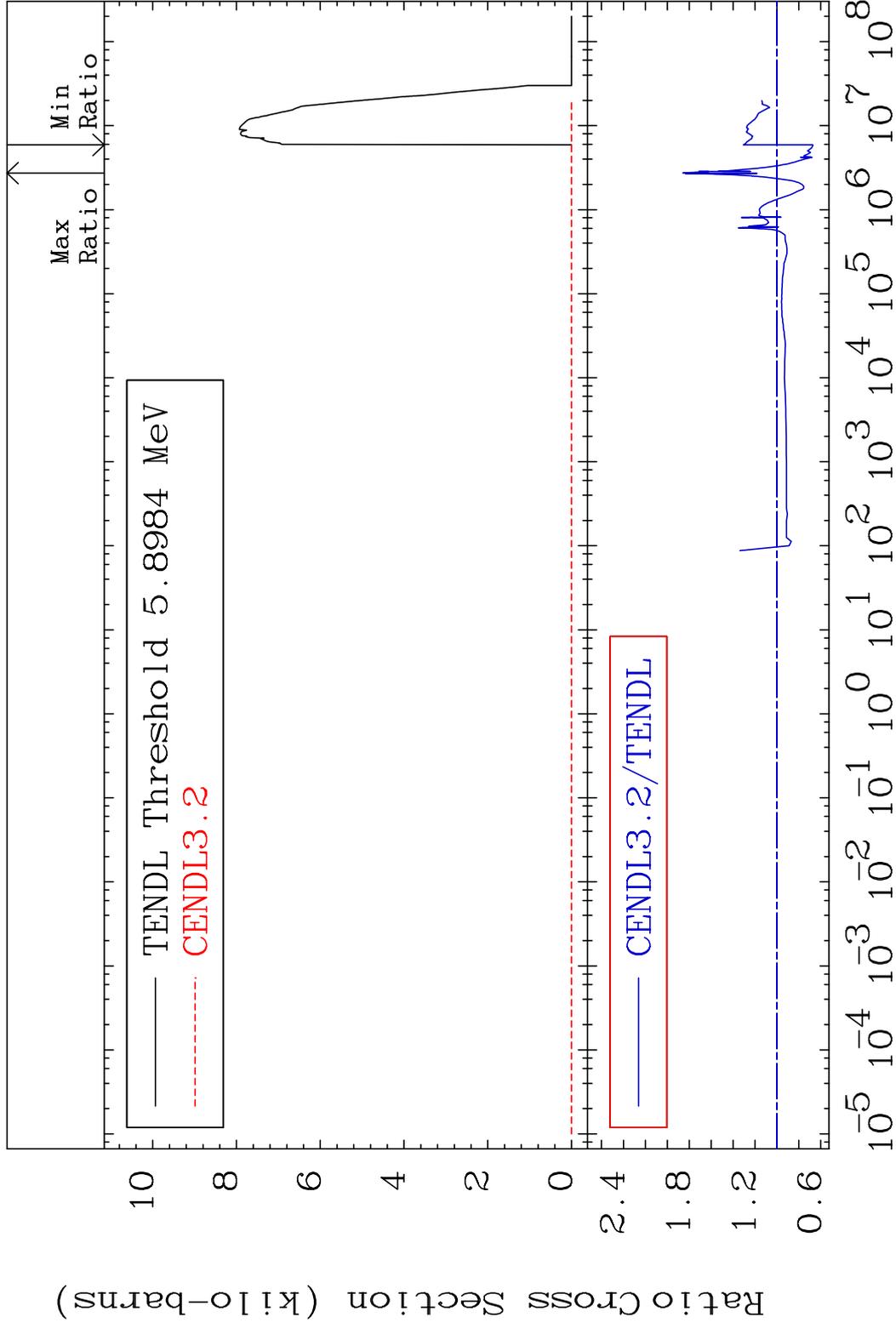
20 Incident Energy (eV) 4-Be-9

MAT 425 Dpa elastic (mt2) 4-Be-9  
 Cross Section -33.10 To 85.79 %



21 Incident Energy (eV) 4-Be-9

MAT 425 Dpa inelastic (mt51-91) 4-Be-9  
 Cross Section -33.10 To 85.79 %



MAT 425    Dpa disappearance (mt102 -120)    4-Be-9  
 Cross Section    -64.82 To 9999. %

