

Program Complot  
(Version 2021-1)

by

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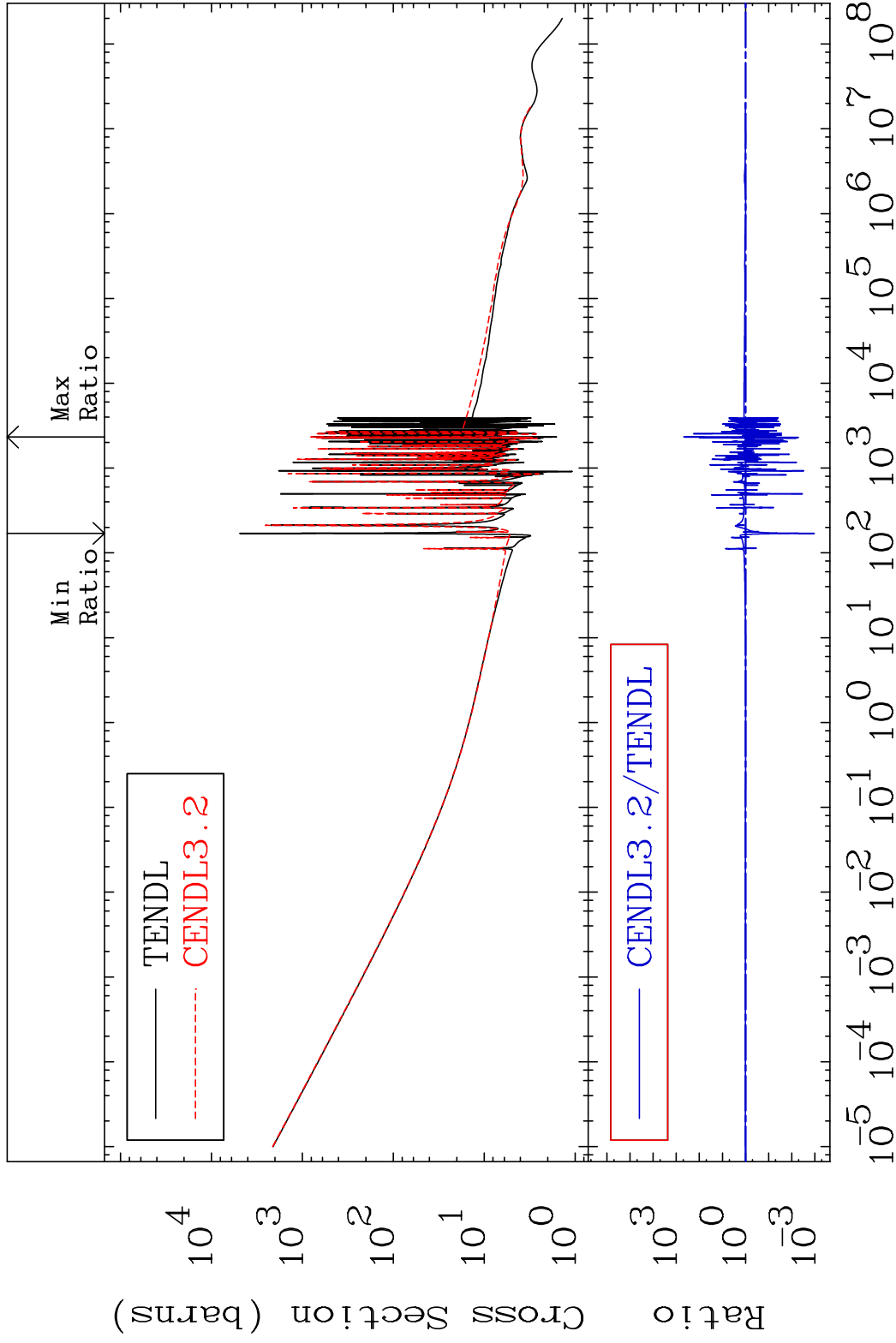
Press Mouse Button to Start

MAT 3434

Total

34-Se-77

Cross Section -99.89 To 9999. %



1

Incident Energy (eV)

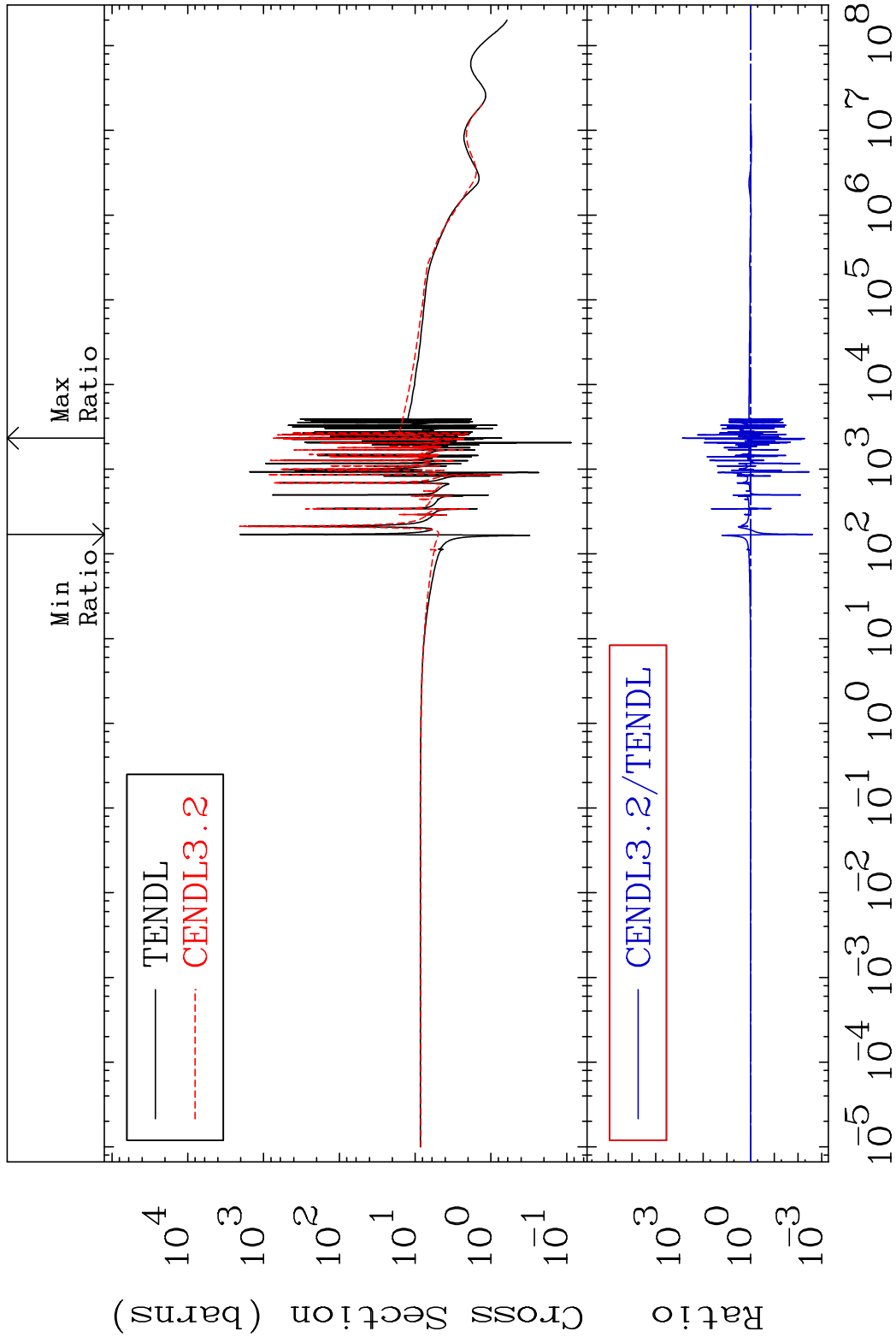
34-Se-77

MAT 3434

Elastic

34-Se-77

Cross Section -99.76 To 9999. %



2

Incident Energy (eV)

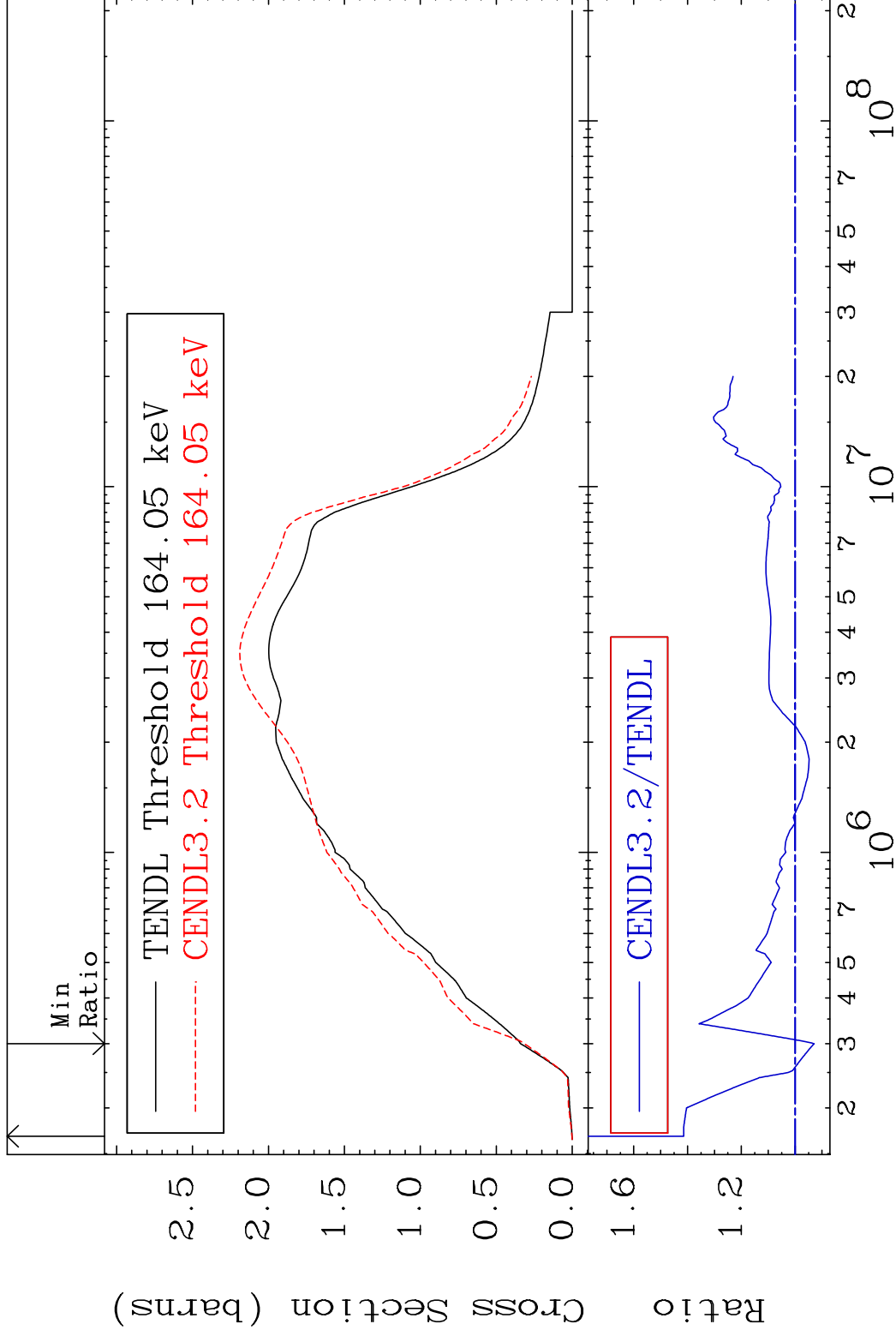
34-Se-77

MAT 3434

Inelastic

<sup>34</sup>Se-77

Cross Section -7.053 To 41.45 %



3

Incident Energy (eV)

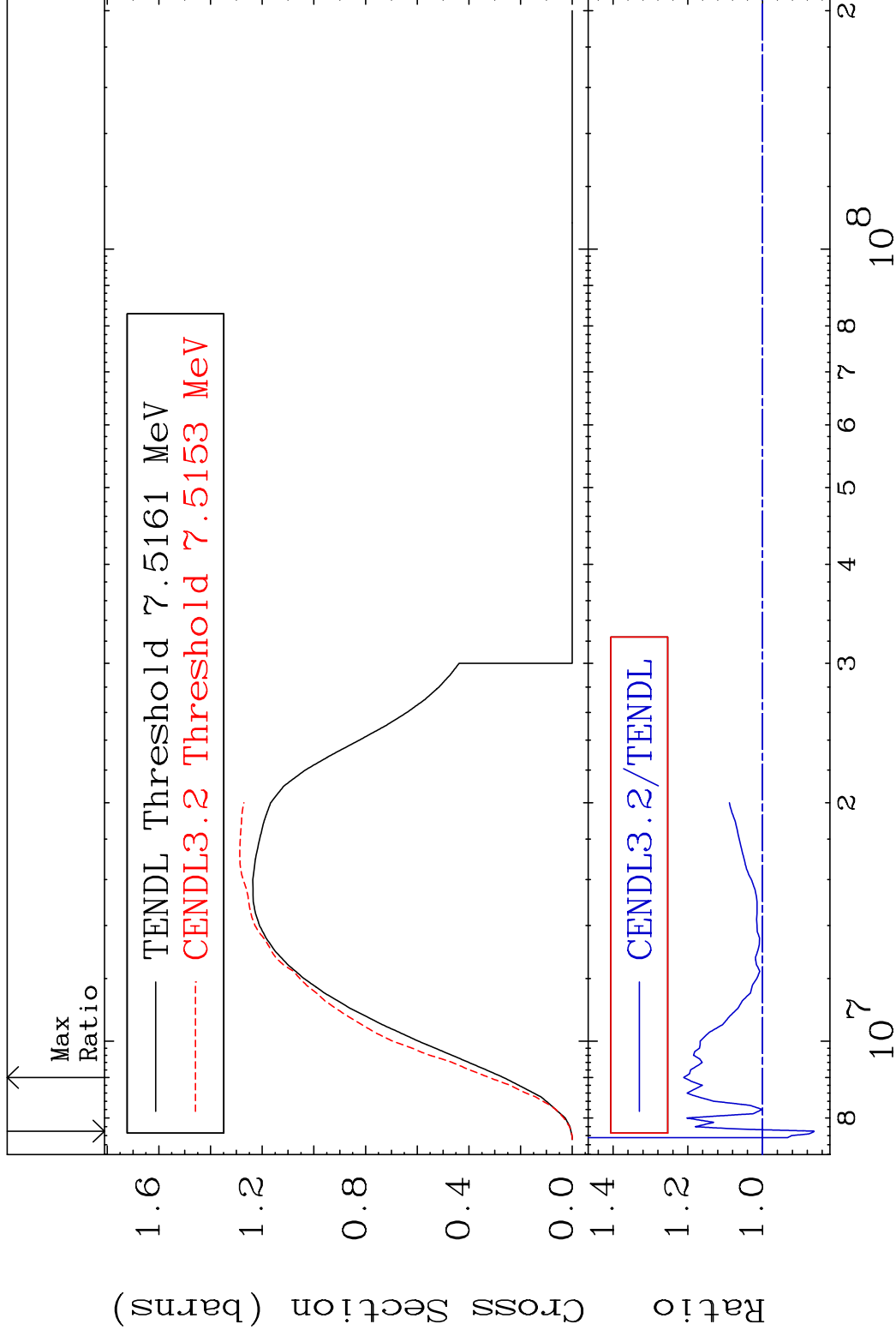
<sup>34</sup>Se-77

MAT 3434

(n,2n)

<sup>34</sup>Se-77

Cross Section -13.83 To 21.11 %



4

Incident Energy (eV)

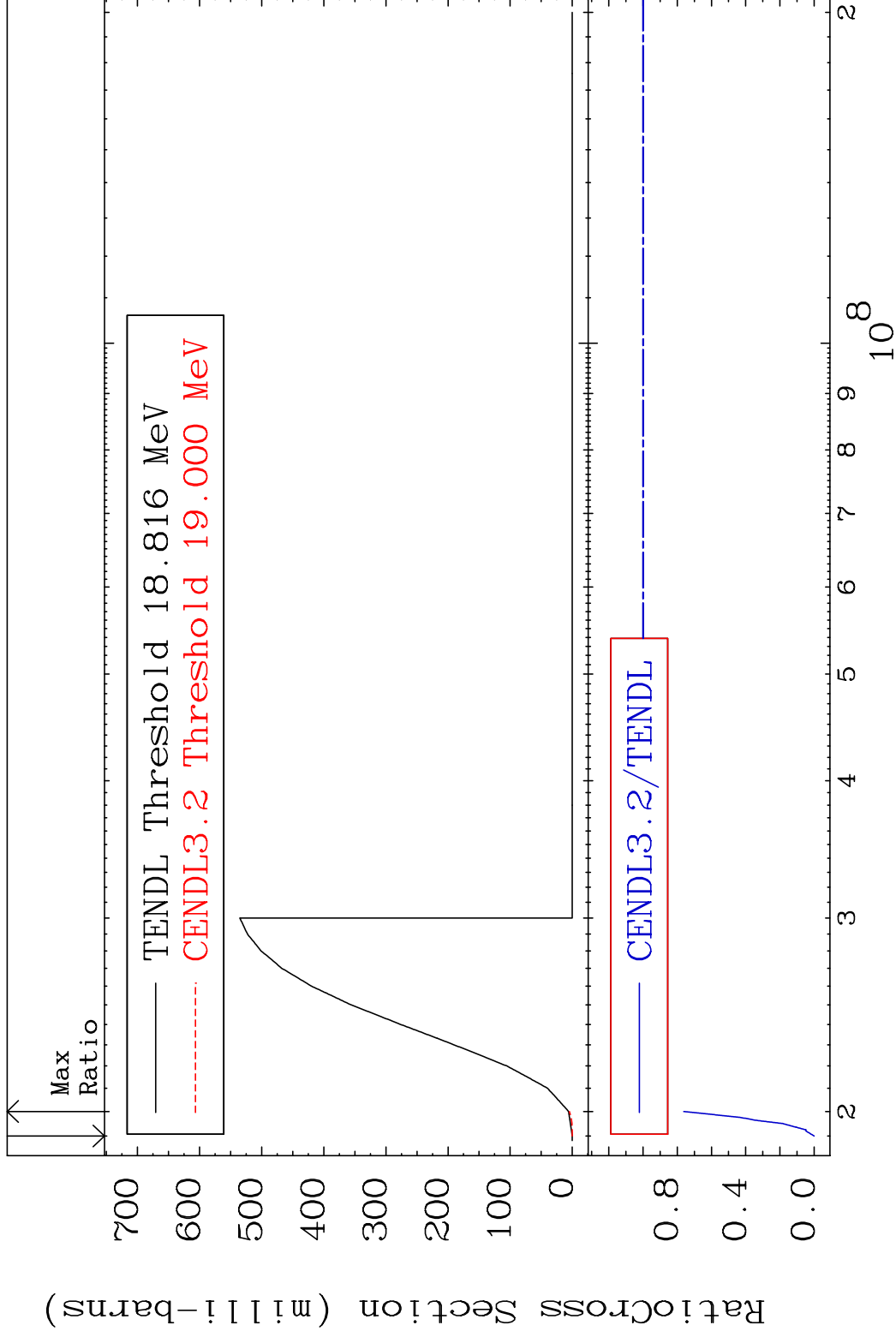
<sup>34</sup>Se-77

MAT 3434

(n,3n)

34-Se-77

Cross Section -100.0 To -23.75%



5

Incident Energy (eV)

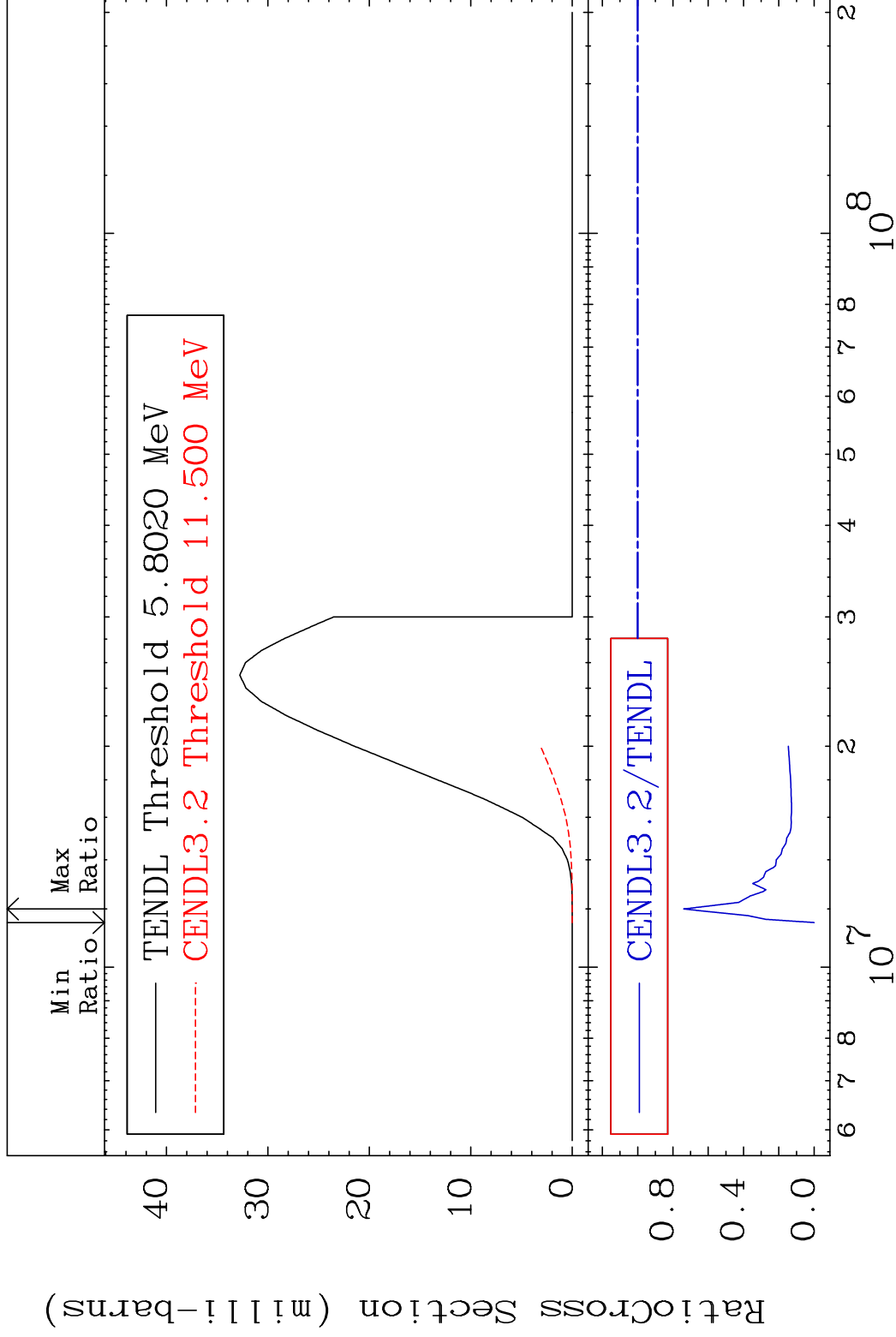
34-Se-77

MAT 3434

(n, n')  $\alpha$

<sup>34</sup>Se-77

Cross Section -100.0 To -26.07%



6

Incident Energy (eV)

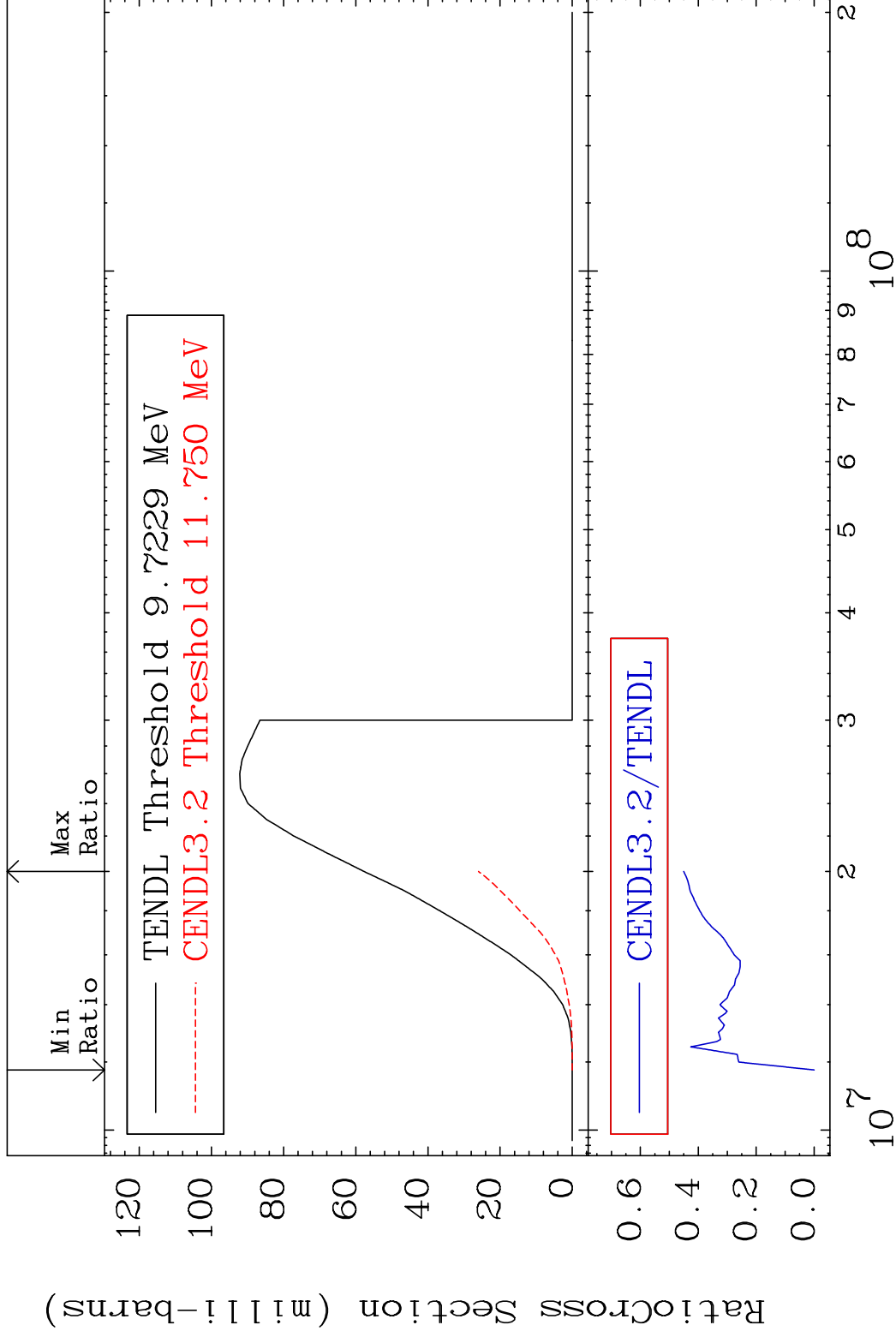
<sup>34</sup>Se-77

MAT 3434

(n, n') p

34-Se-77

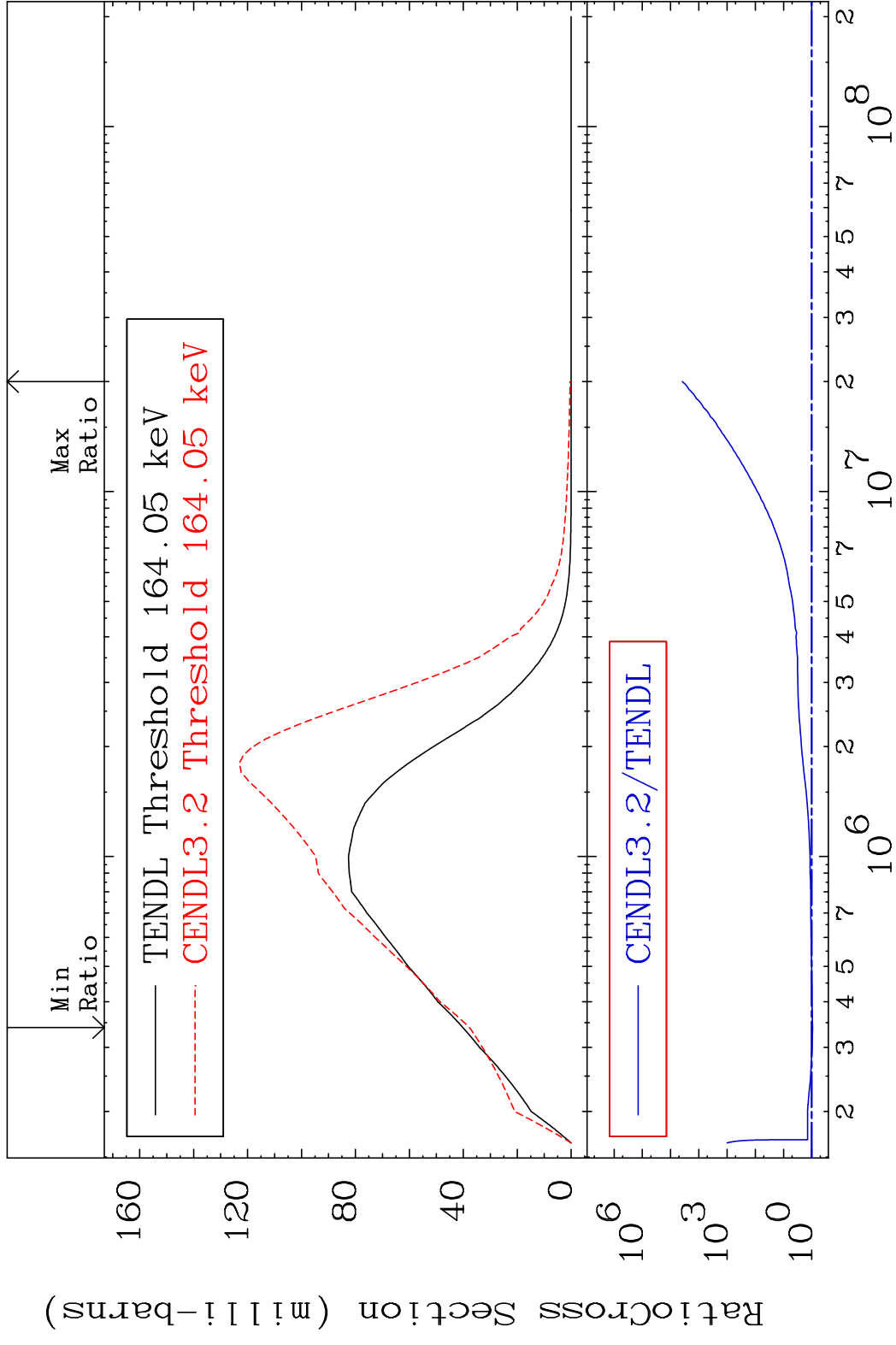
Cross Section -100.0 To -54.95%



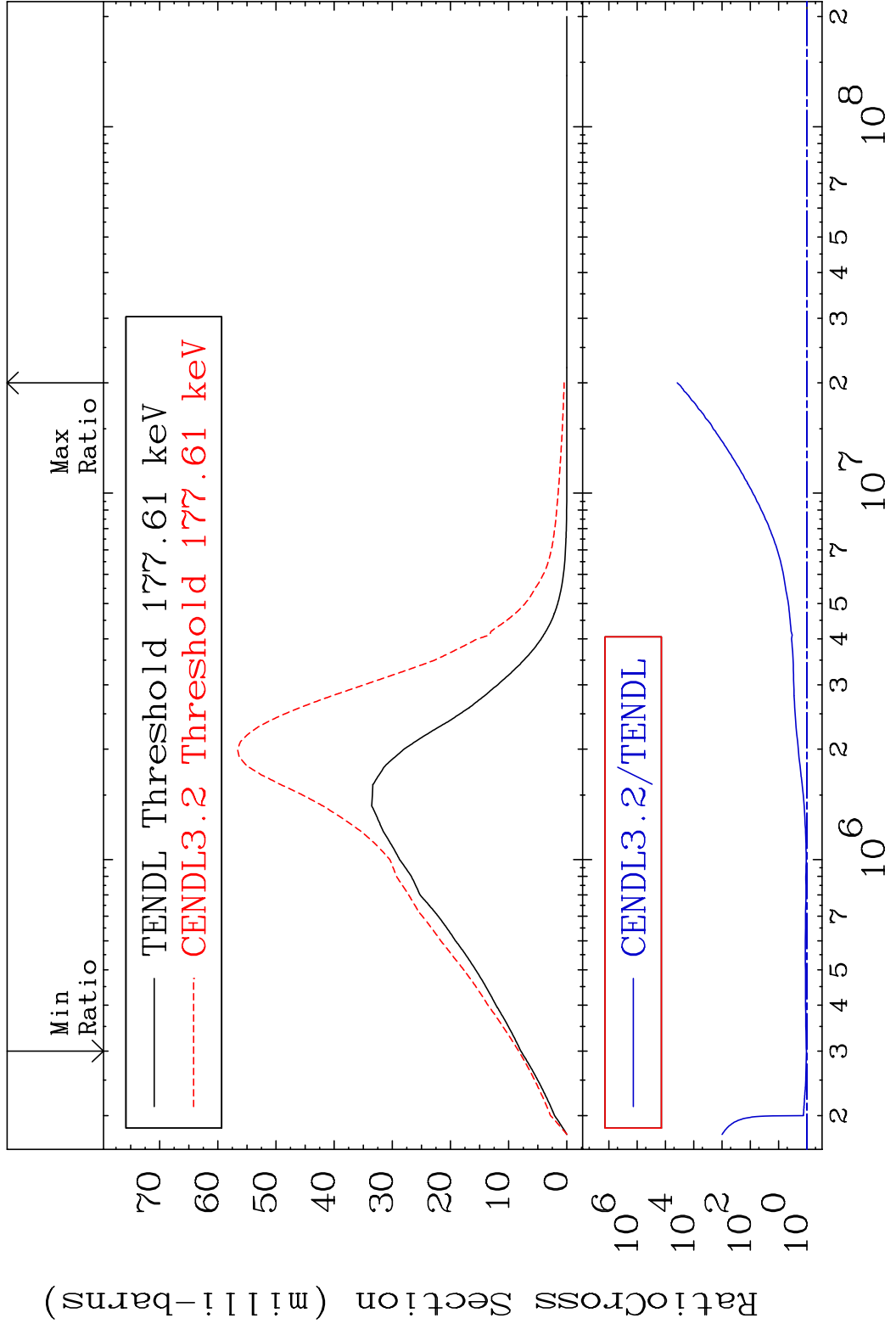
7 Incident Energy (eV) 34-Se-77



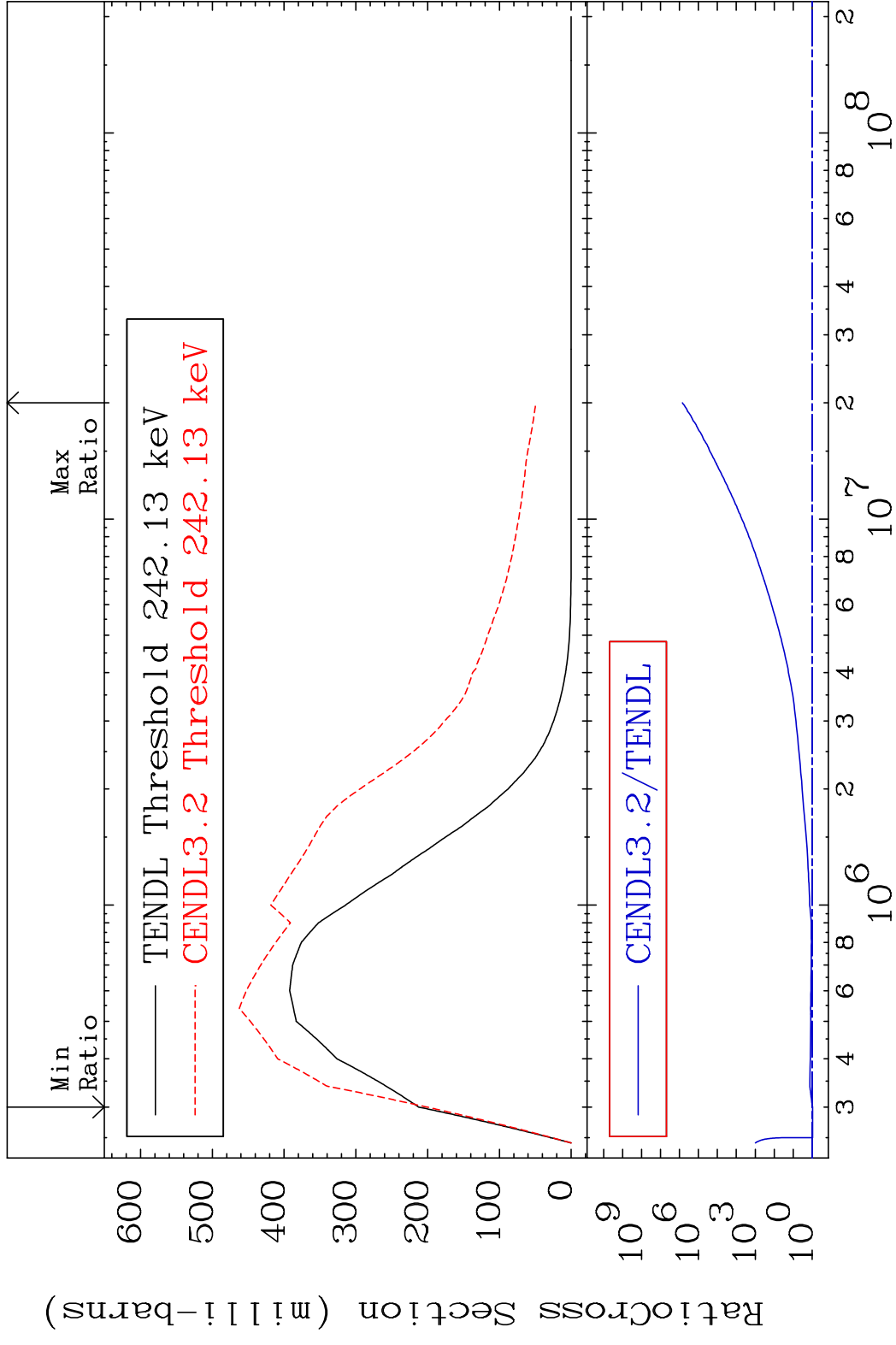
MAT 3434 MT= 51 (n,n') Level 34-Se-77  
 Cross Section -6.124 To 9999. %



MAT 3434 MT= 52 (n,n') Level 34-Se-77  
 Cross Section 4.691 To 9999. %

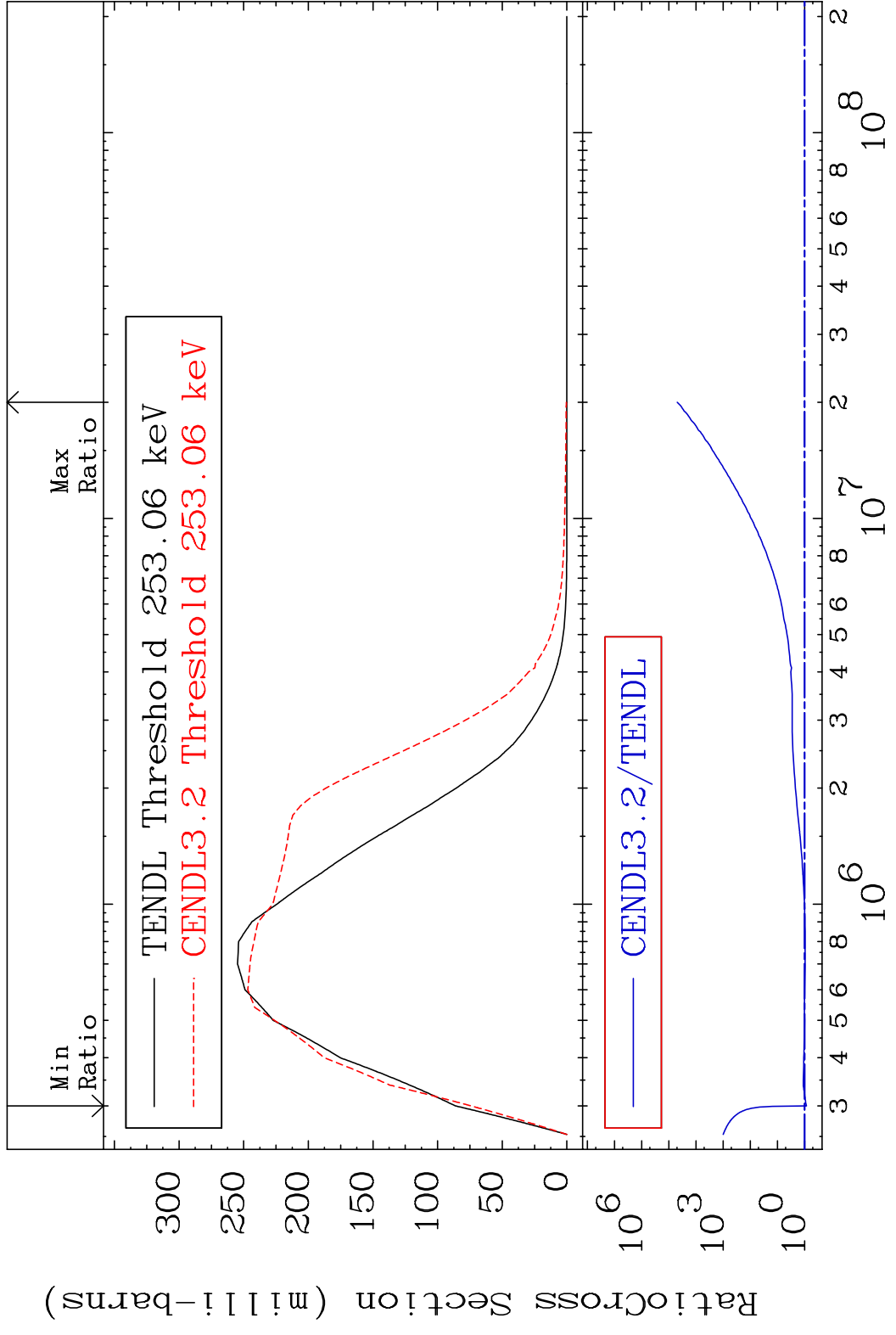


MAT 3434 MT= 53 (n, n') Level 34-Se-77  
 Cross Section -5.310 To 9999. %

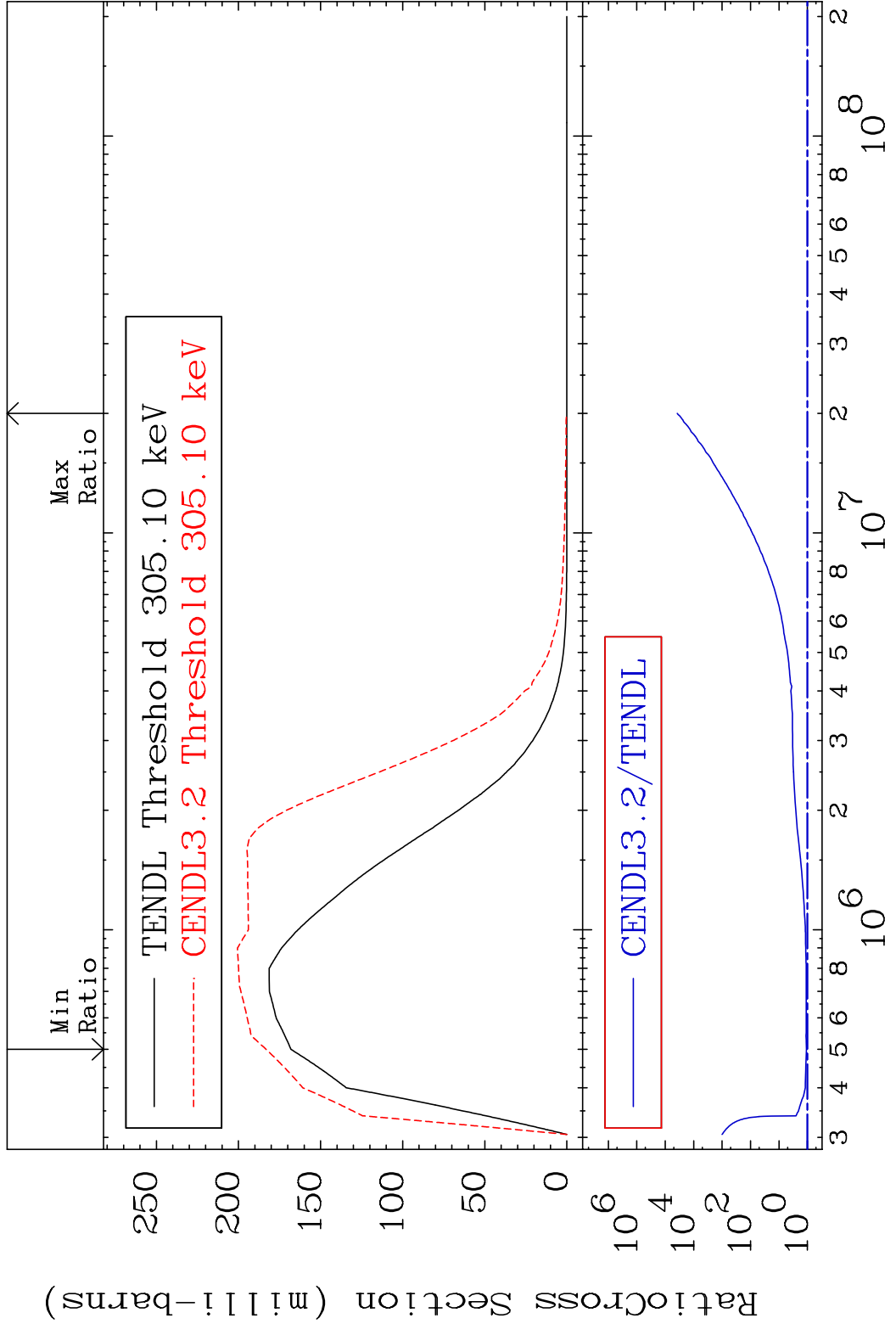


10 Incident Energy (eV) 34-Se-77

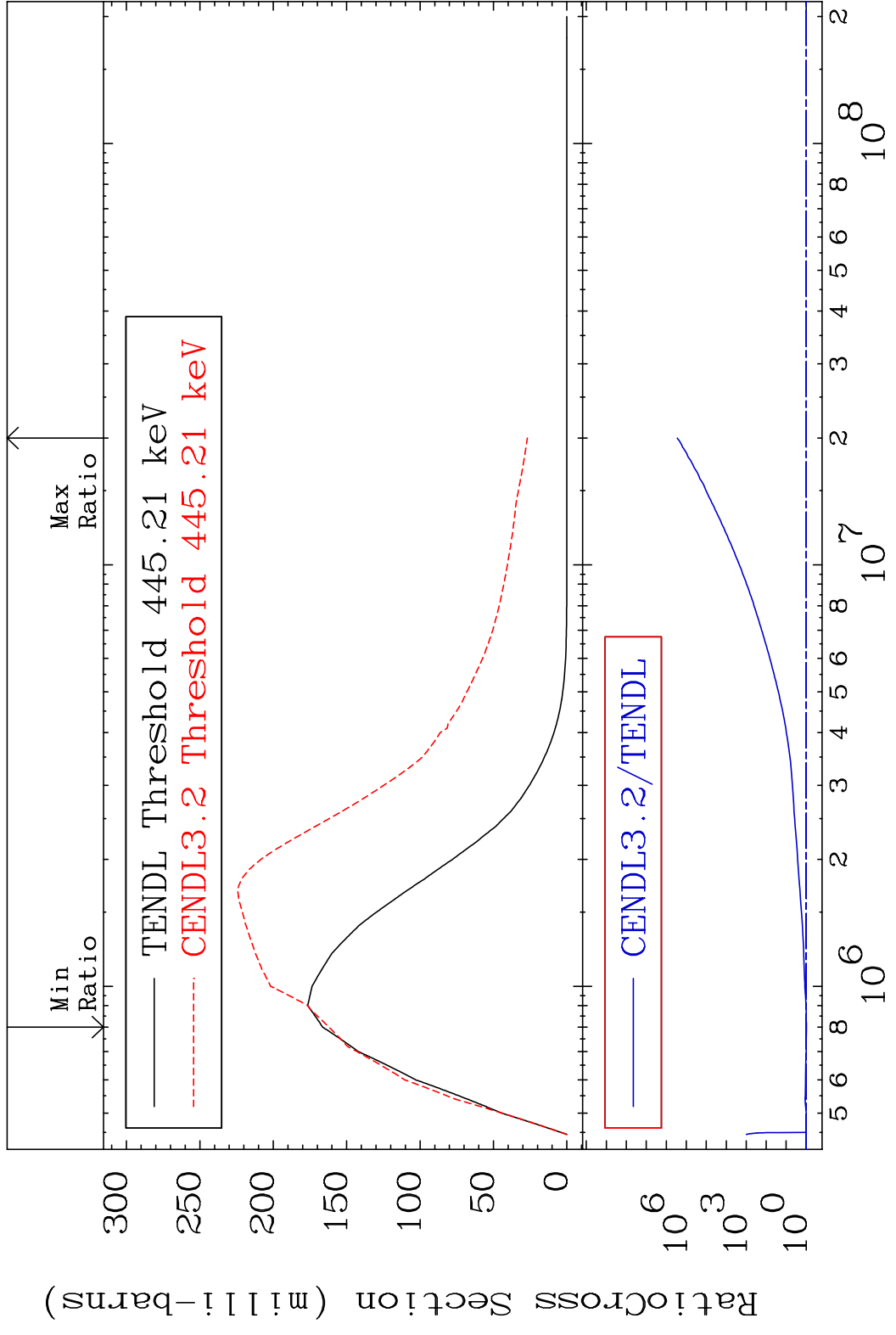
MAT 3434 MT= 54 (n,n') Level 34-Se-77  
 Cross Section -13.96 To 9999. %



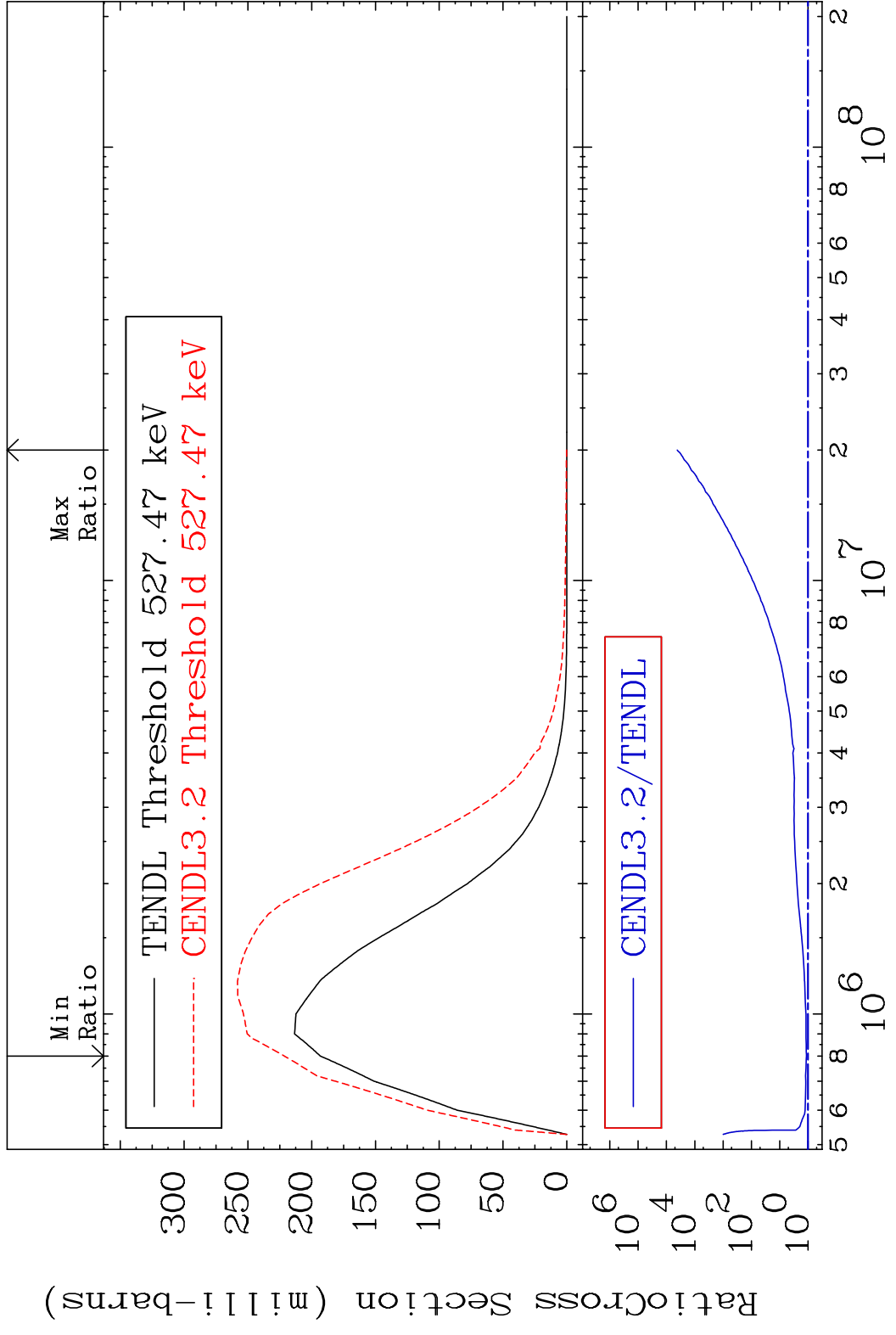
MAT 3434 MT= 55 (n,n') Level 34-Se-77  
 Cross Section 9.011 To 9999. %



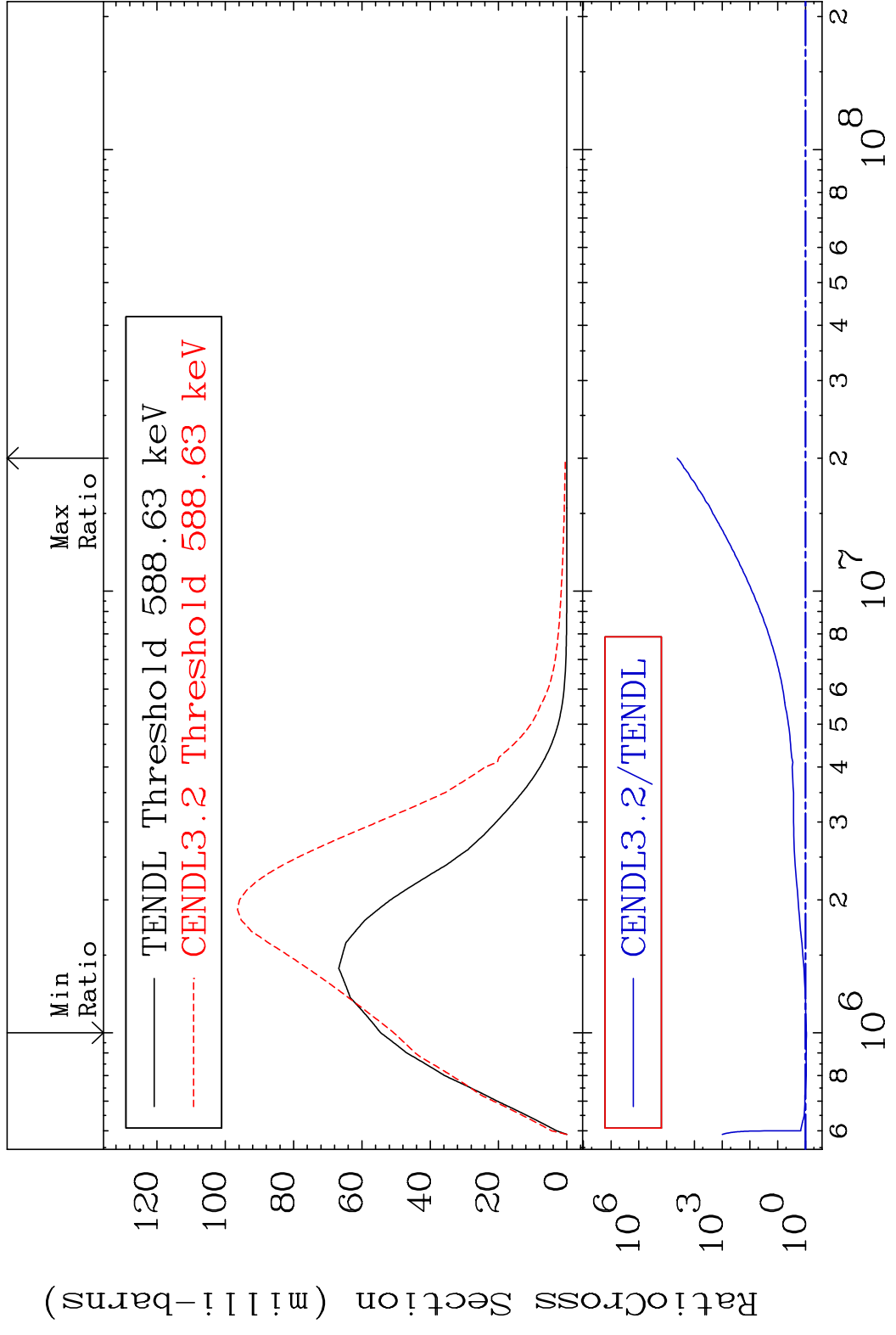
MAT 3434 MT= 56 (n, n') Level 34-Se-77  
 Cross Section -2.609 To 9999. %



MAT 3434 MT= 57 (n, n') Level 34-Se-77  
 Cross Section 14.63 To 9999. %

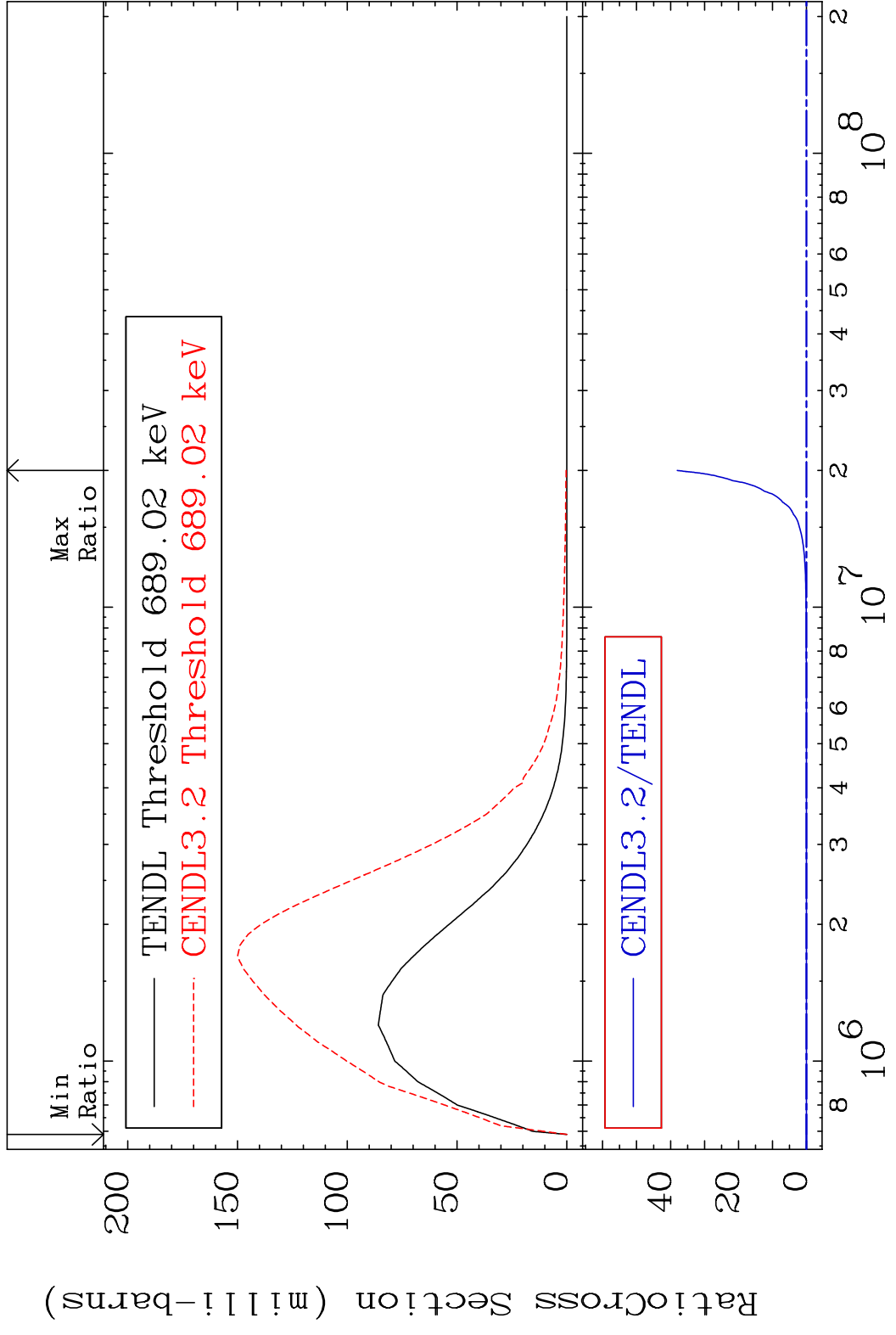


MAT 3434 MT= 58 (n, n') Level 34-Se-77  
 Cross Section -7.027 To 9999. %



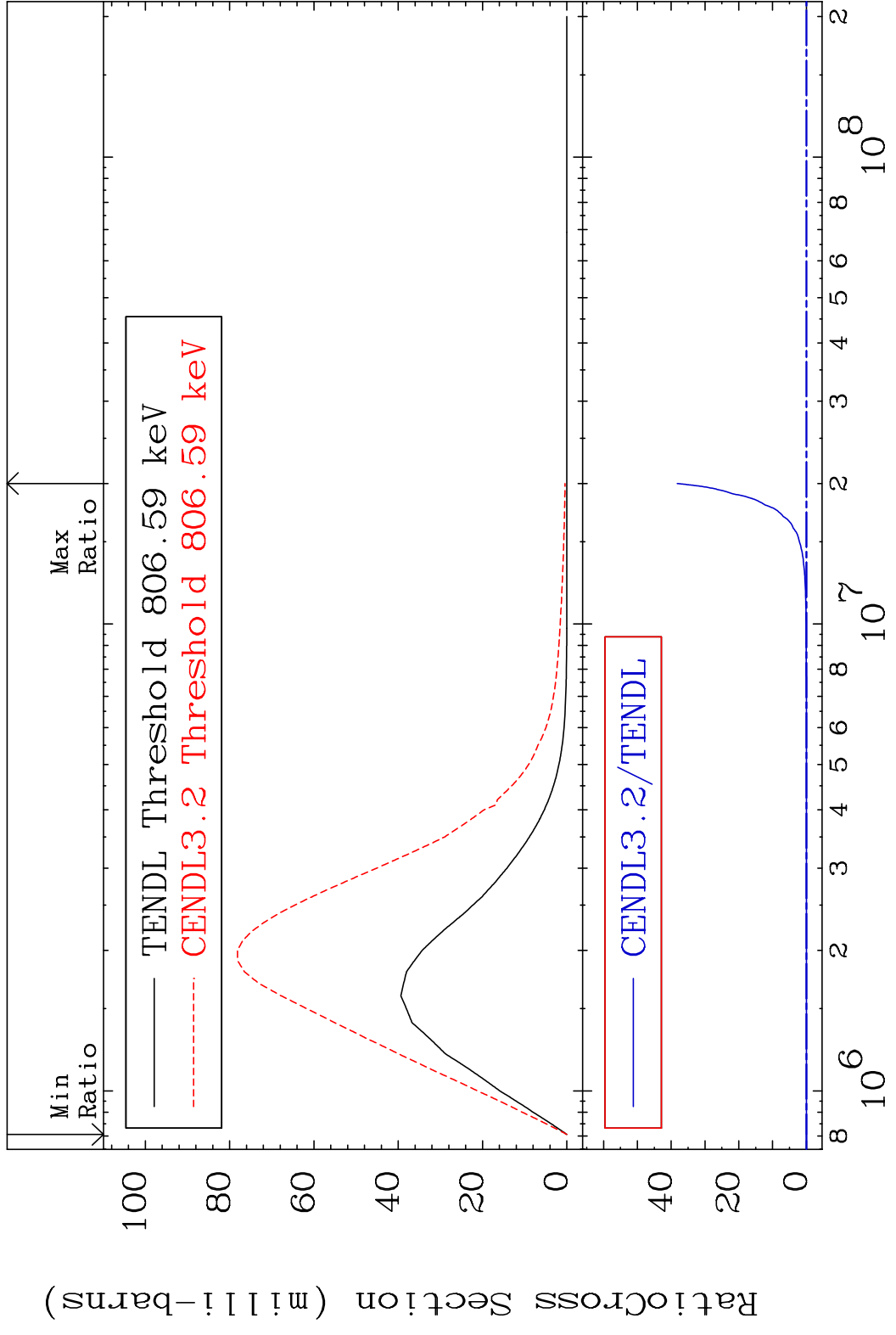


MAT 3434 MT= 59 (n, n') Level 34-Se-77  
 Cross Section -100.0 To 9999. %



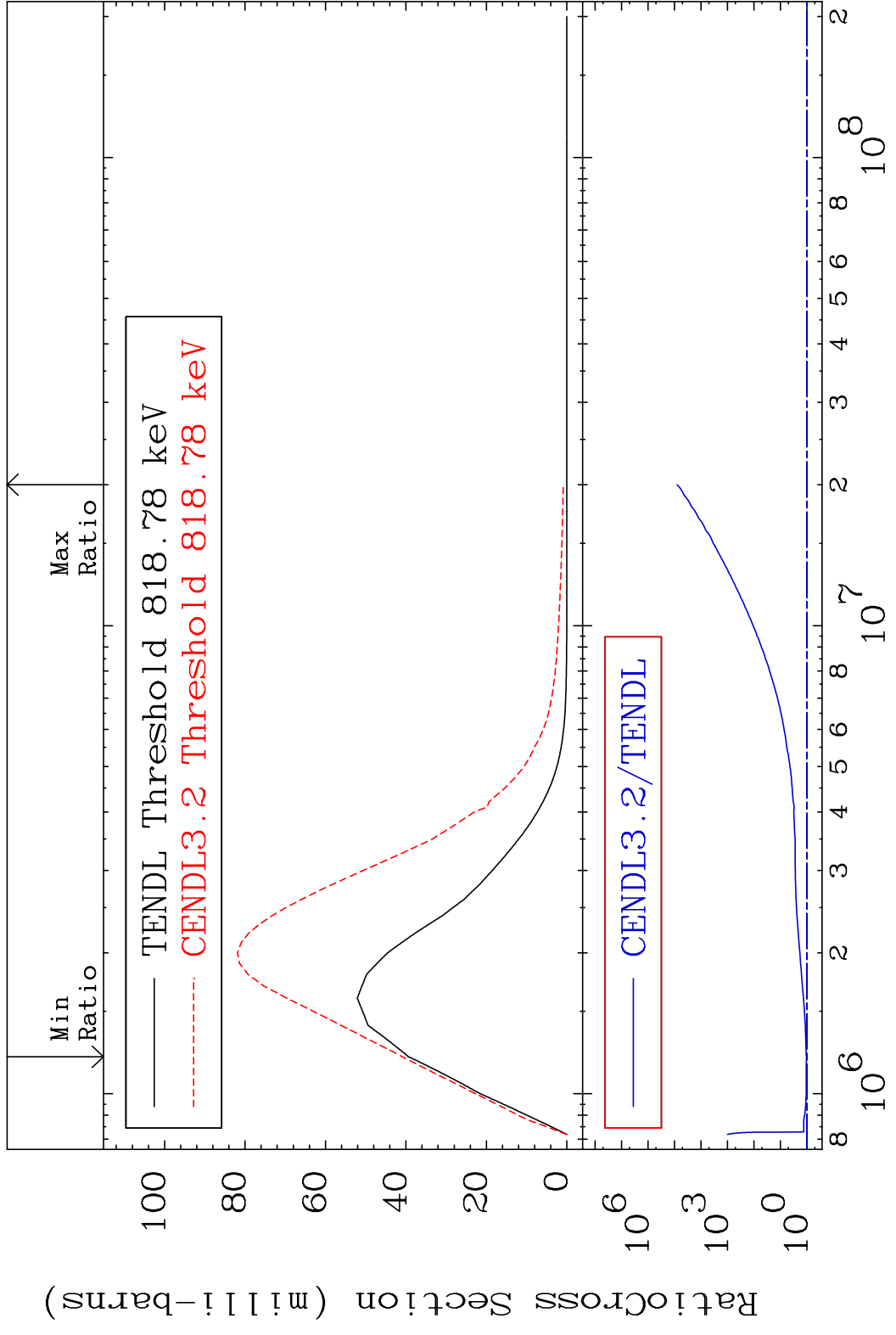
16 Incident Energy (eV) 34-Se-77

MAT 3434 MT= 60 (n, n') Level 34-Se-77  
 Cross Section -100.0 To 9999. %



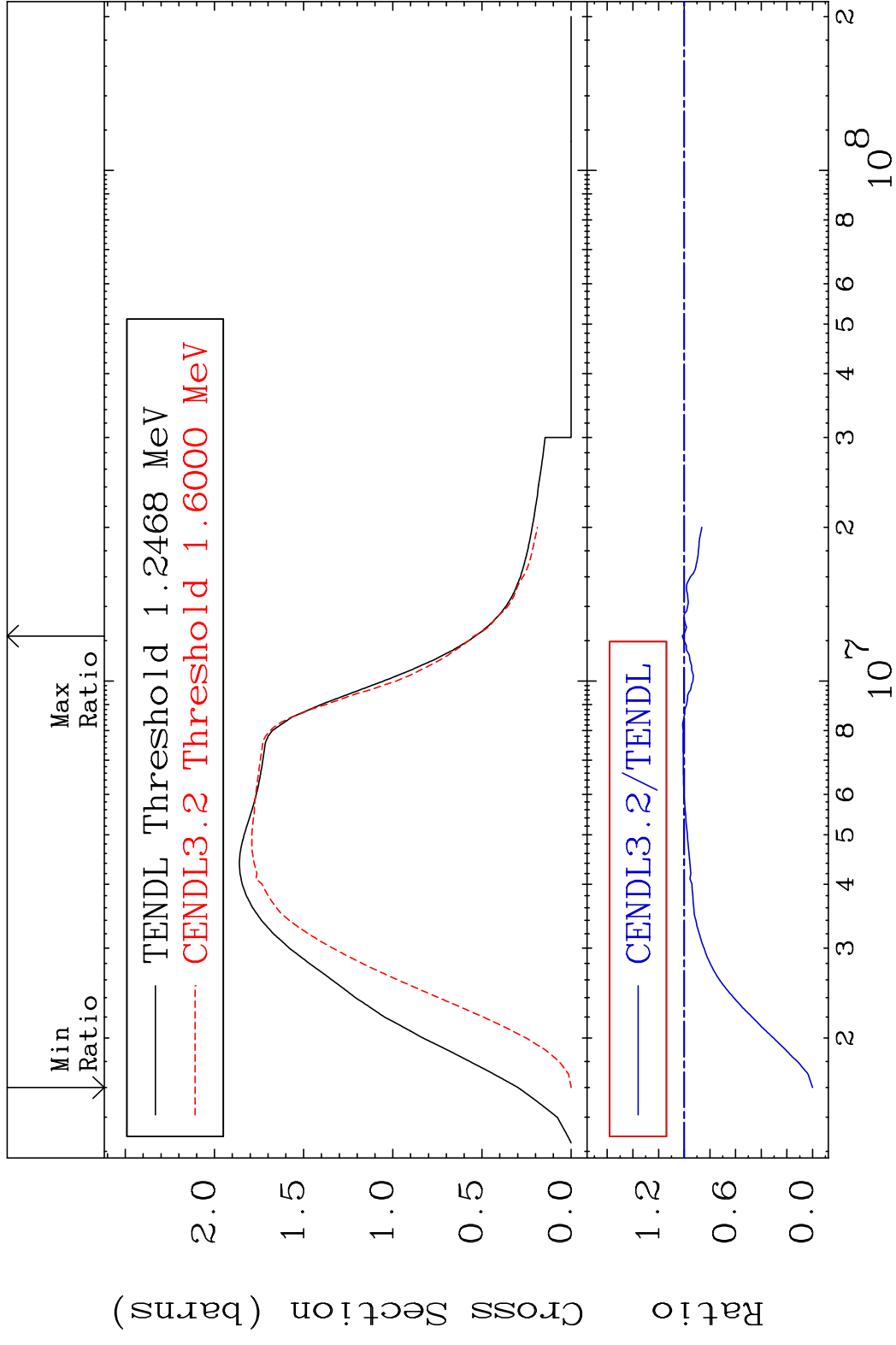
17 Incident Energy (eV) 34-Se-77

MAT 3434 MT= 61 (n, n') Level 34-Se-77  
 Cross Section 3.913 To 9999. %



18 34-Se-77

MAT 3434 (n, n') Continuum 34-Se-77  
 Cross Section -100.0 To 1.464 %

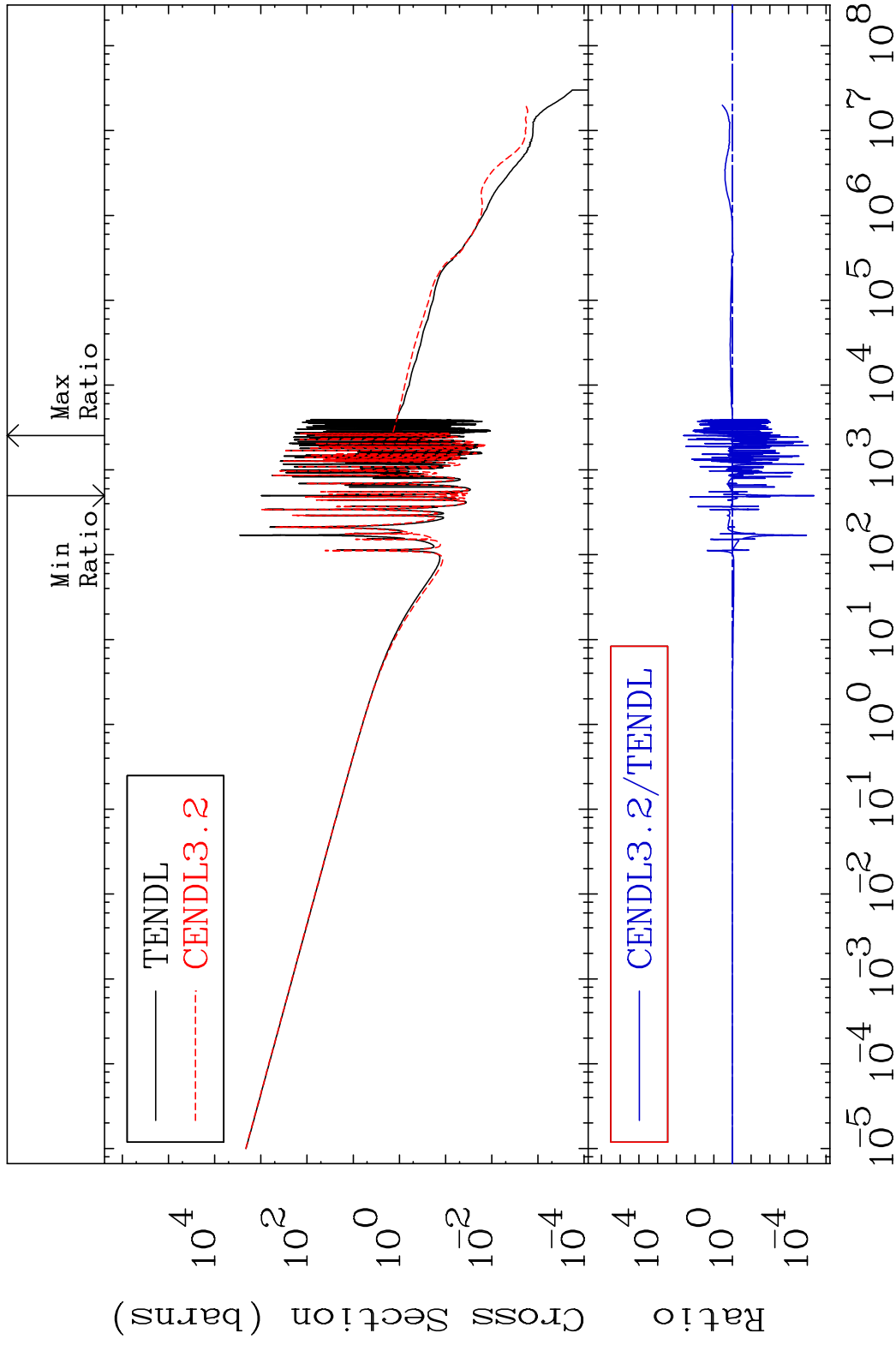


MAT 3434

(n,  $\gamma$ )

34-Se-77

Cross Section -100.0 To 9999. %



20

Incident Energy (eV)

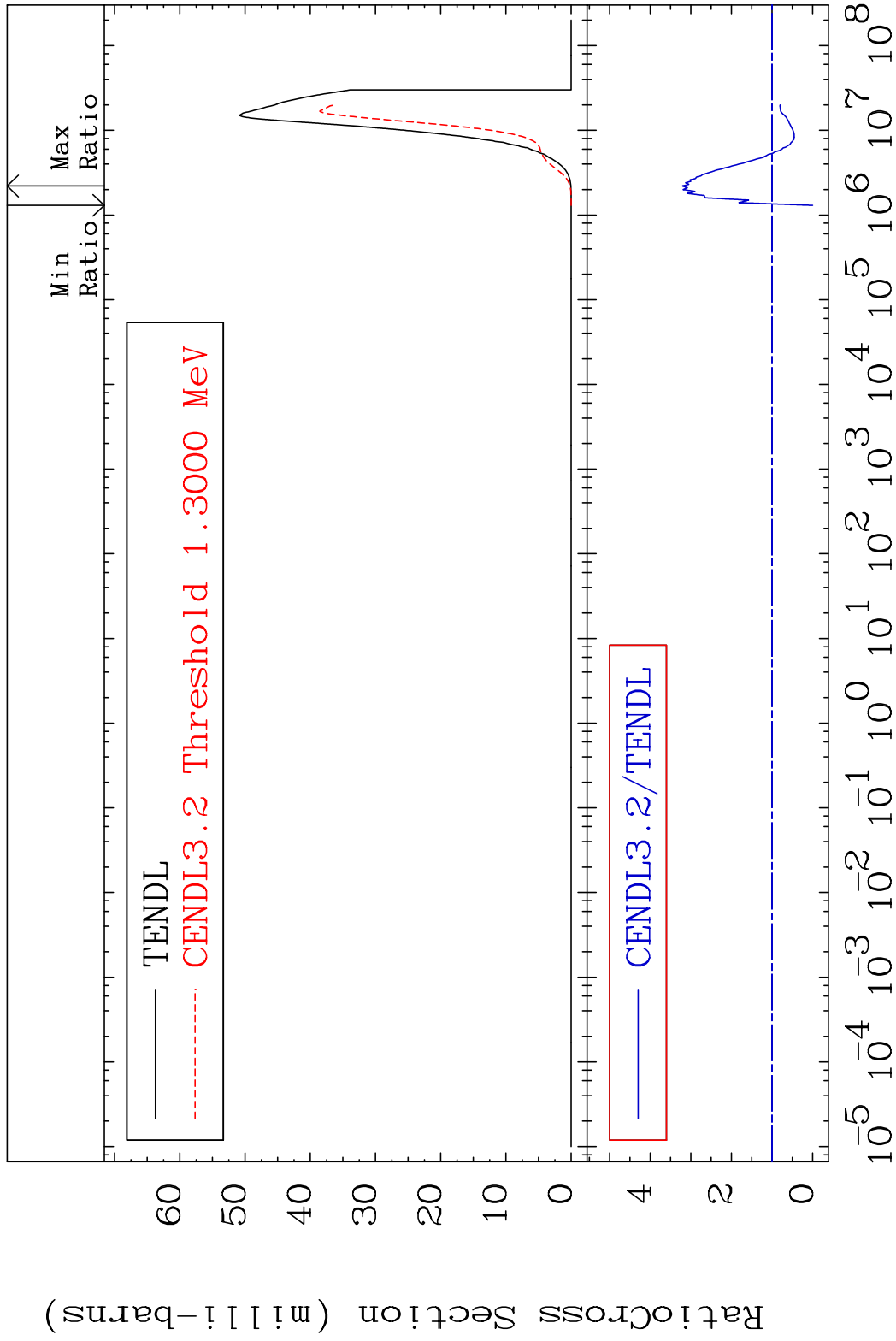
34-Se-77

MAT 3434

(n, p)

34-Se-77

Cross Section -100.0 To 220.7 %



21

Incident Energy (eV)

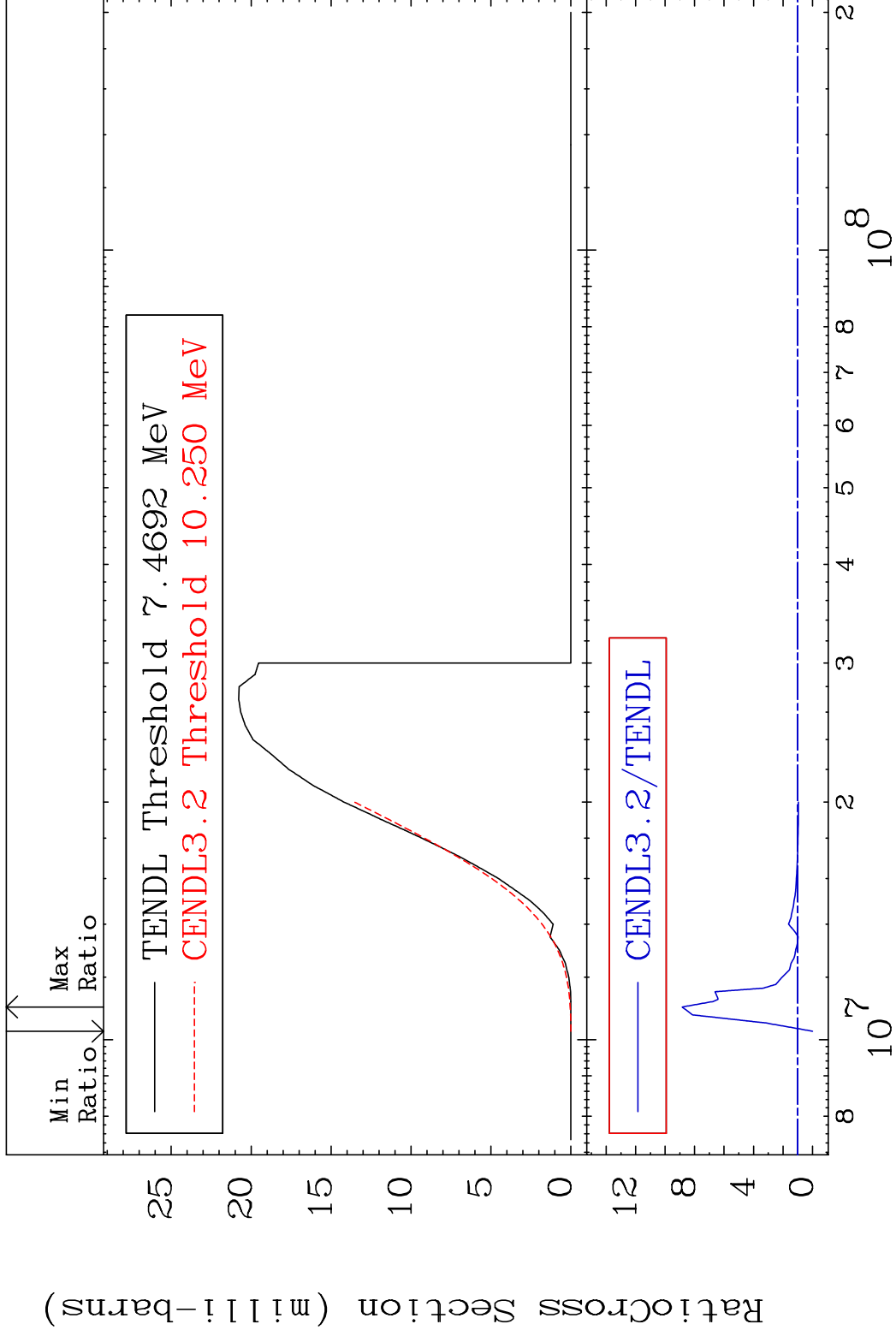
34-Se-77

MAT 3434

(n,d)

34-Se-77

Cross Section -100.0 To 784.5 %



22

Incident Energy (eV)

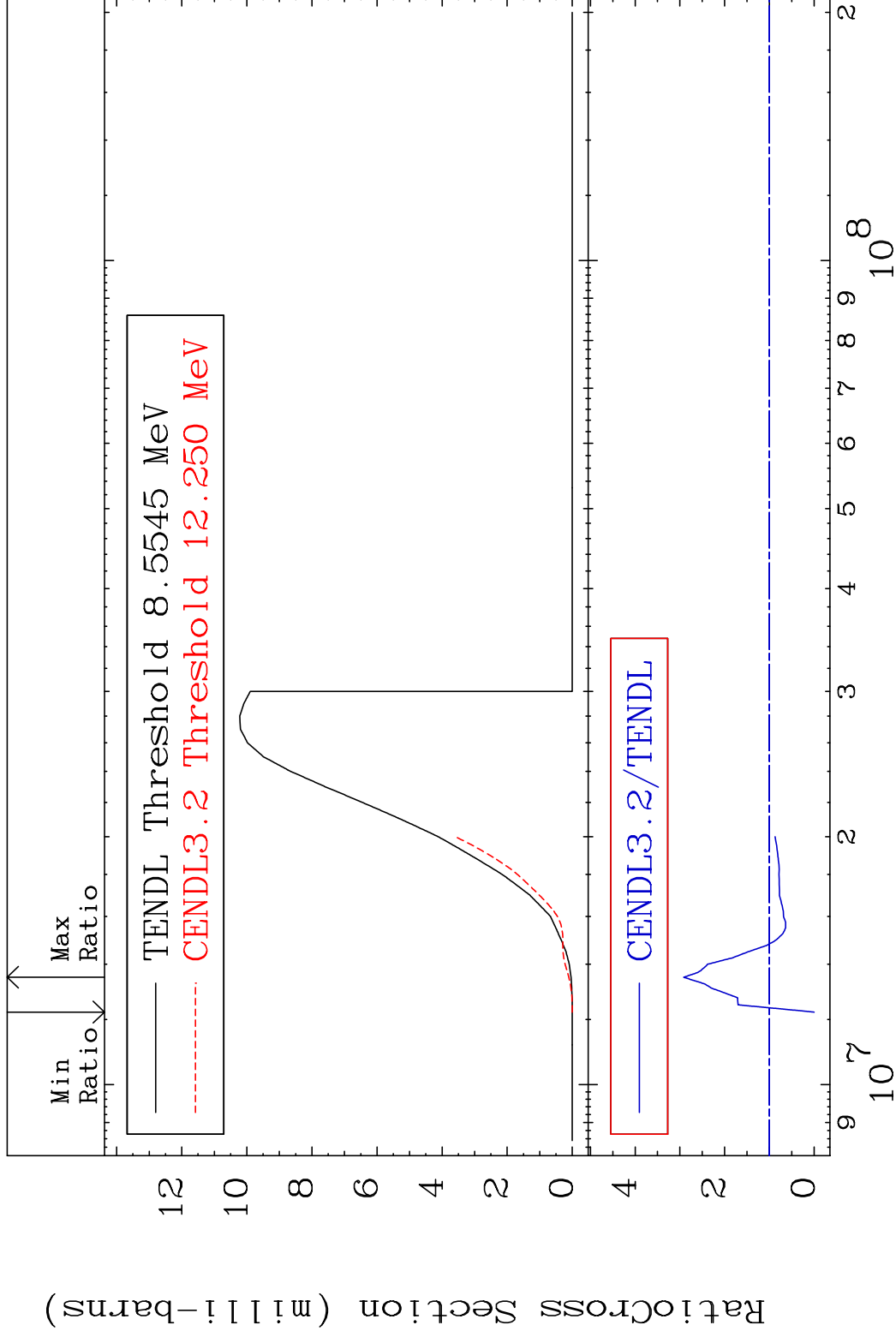
34-Se-77

MAT 3434

(n, t)

<sup>34</sup>Se-77

Cross Section -100.0 To 191.6 %



23

Incident Energy (eV)

<sup>34</sup>Se-77

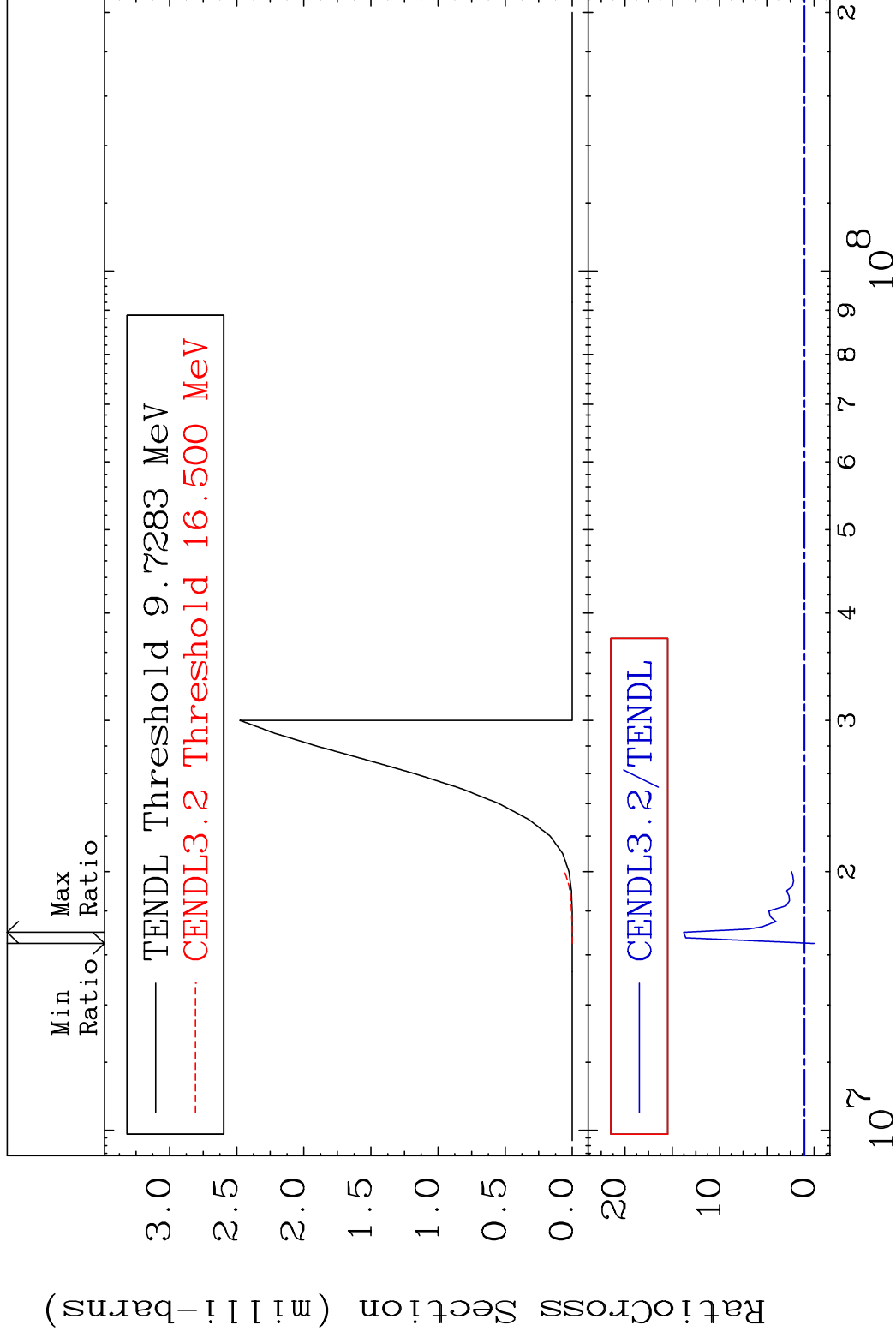


MAT 3434

(n, He-3)

34-Se-77

Cross Section -100.0 To 1279. %



24

Incident Energy (eV)

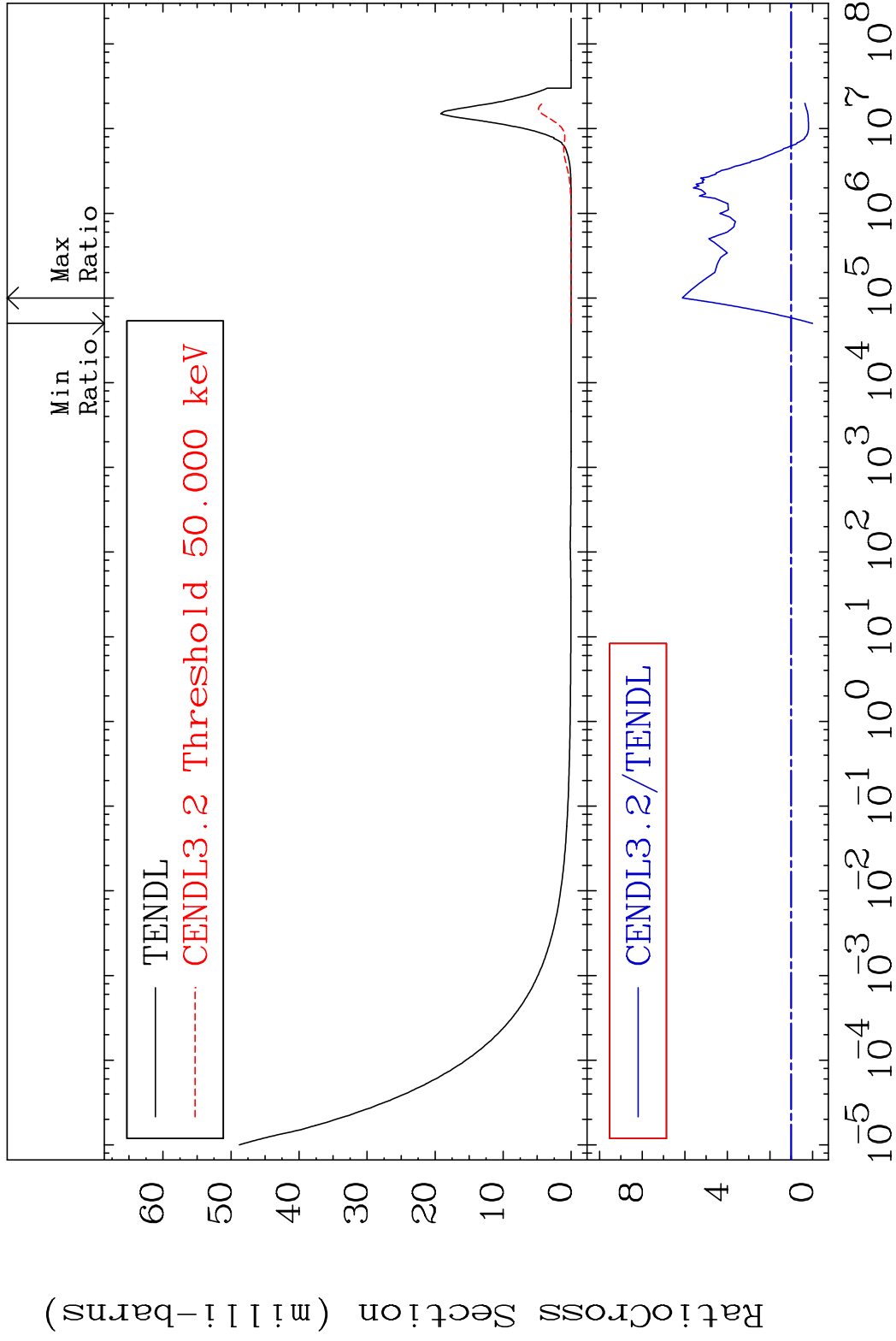
34-Se-77

MAT 3434

(n,  $\alpha$ )

34-Se-77

Cross Section -100.0 To 511.5 %



25

Incident Energy (eV)

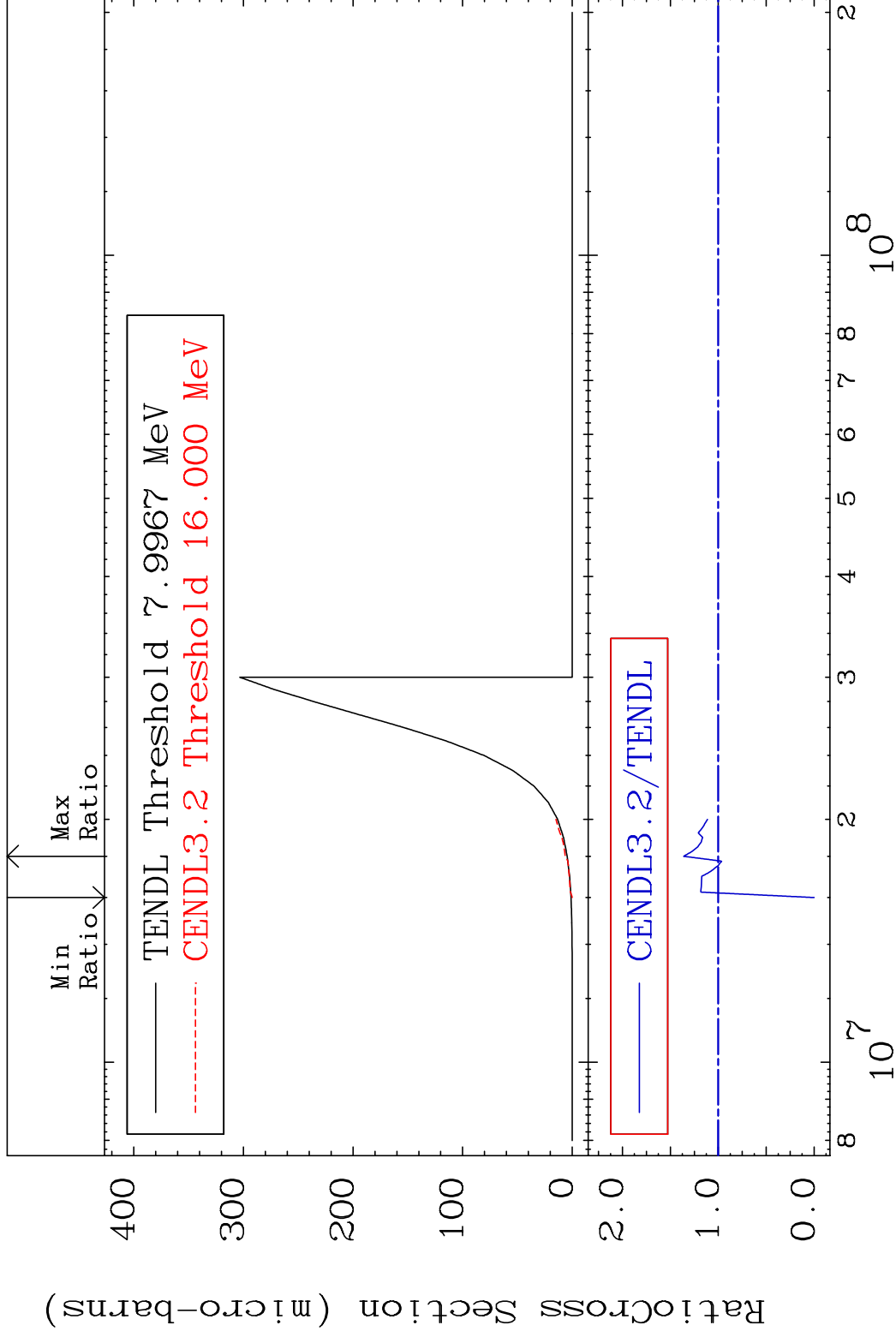
34-Se-77

MAT 3434

(n,2p)

<sup>34</sup>Se-77

Cross Section -100.0 To 36.15 %



26

Incident Energy (eV)

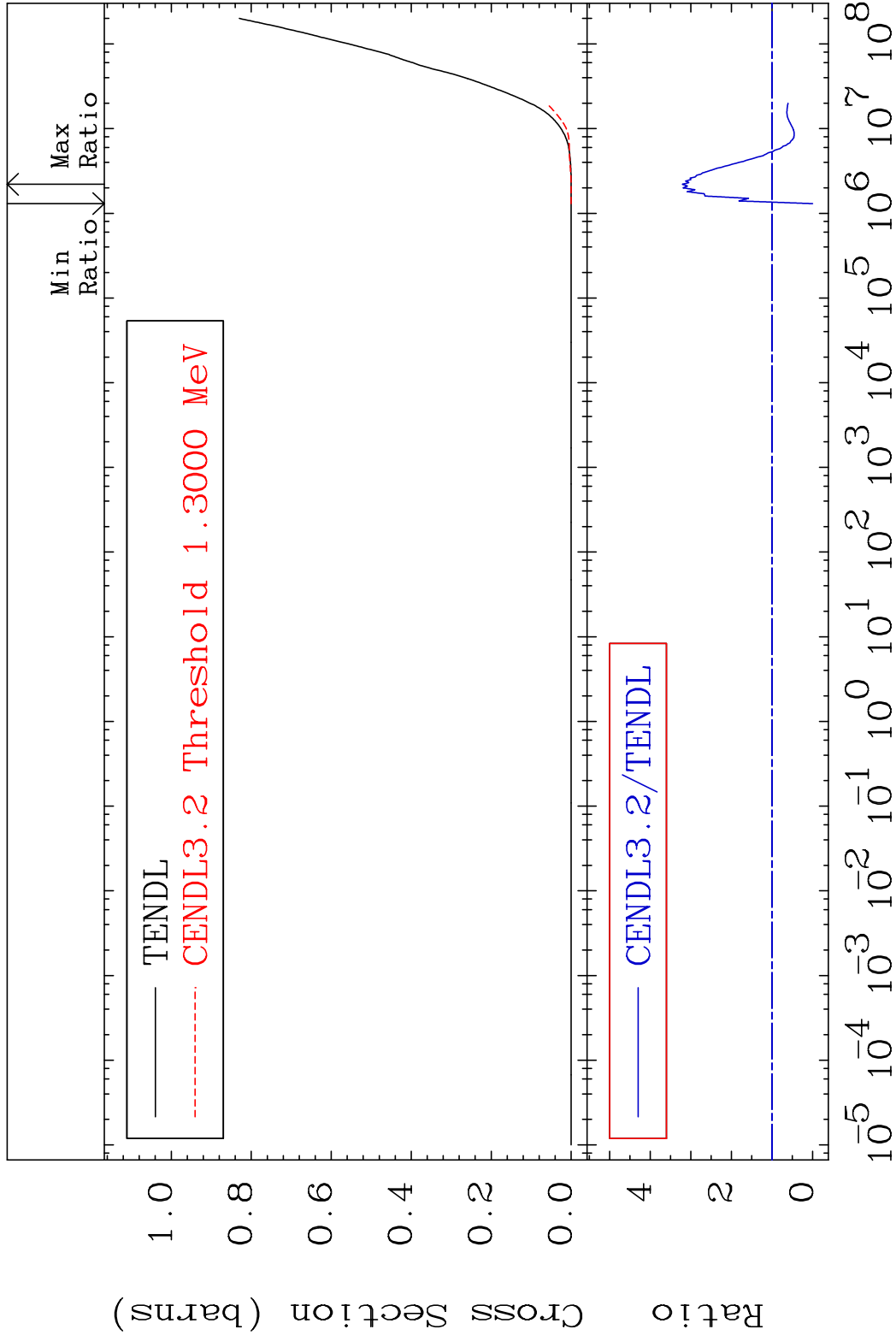
<sup>34</sup>Se-77

MAT 3434

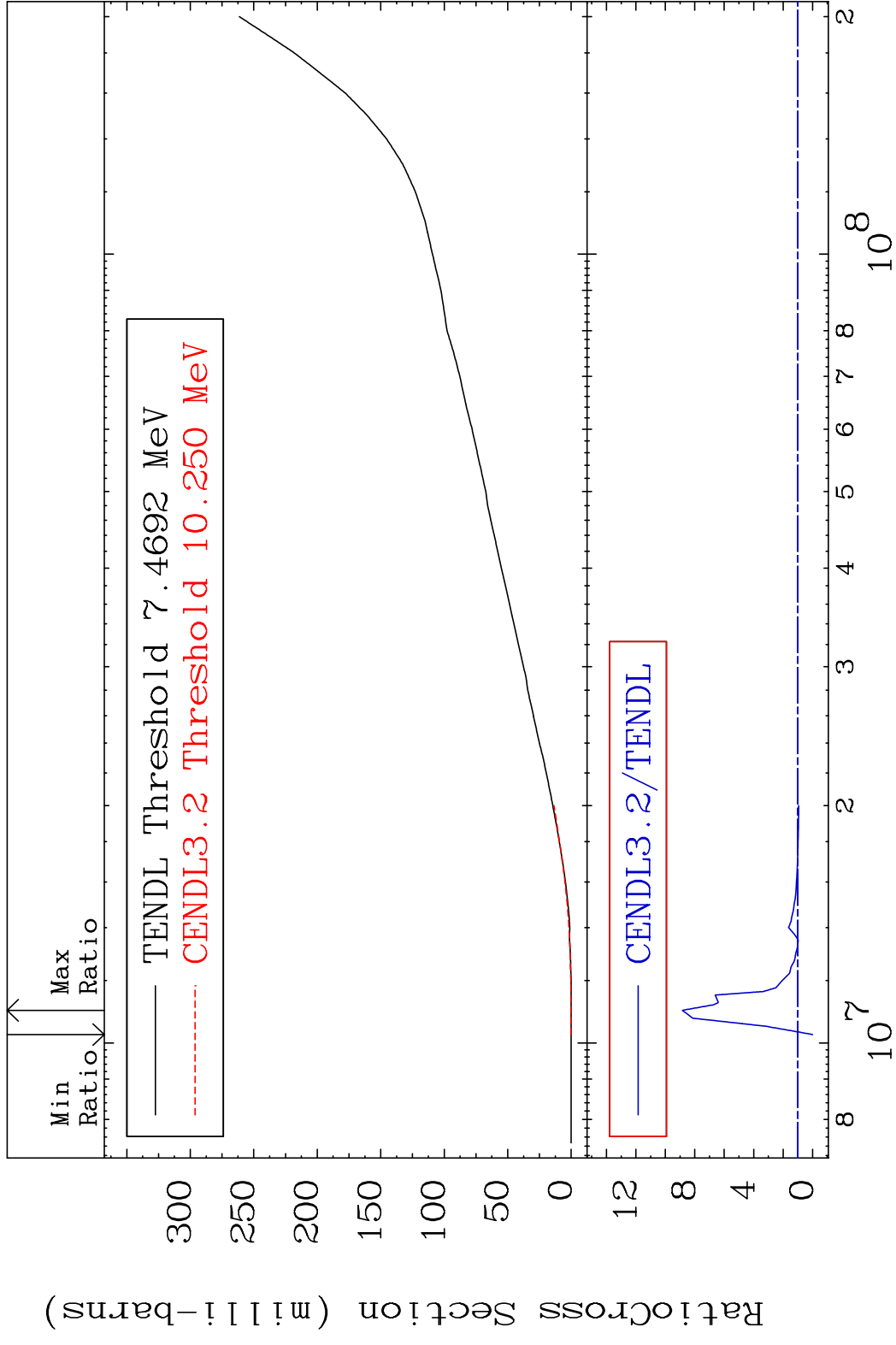
Hydrogen Production

<sup>34</sup>Se-77

Cross Section -100.0 To 220.7 %



MAT 3434 Deuterium Production 34-Se-77  
 Cross Section -100.0 To 784.5 %

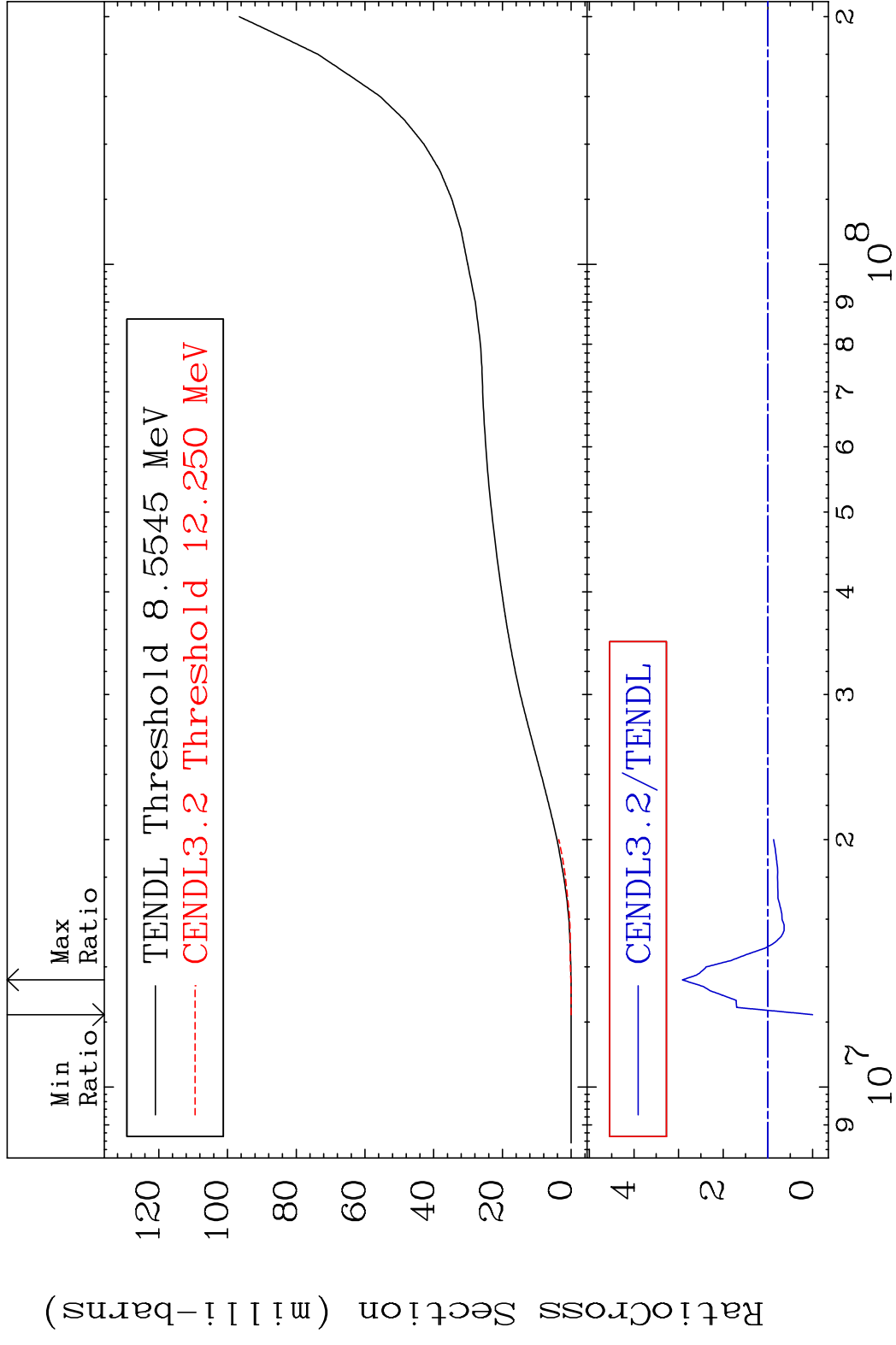


28 Incident Energy (eV) 34-Se-77

MAT 3434

Tritium Production  
Cross Section -100.0 To 191.6 %

34-Se-77



29

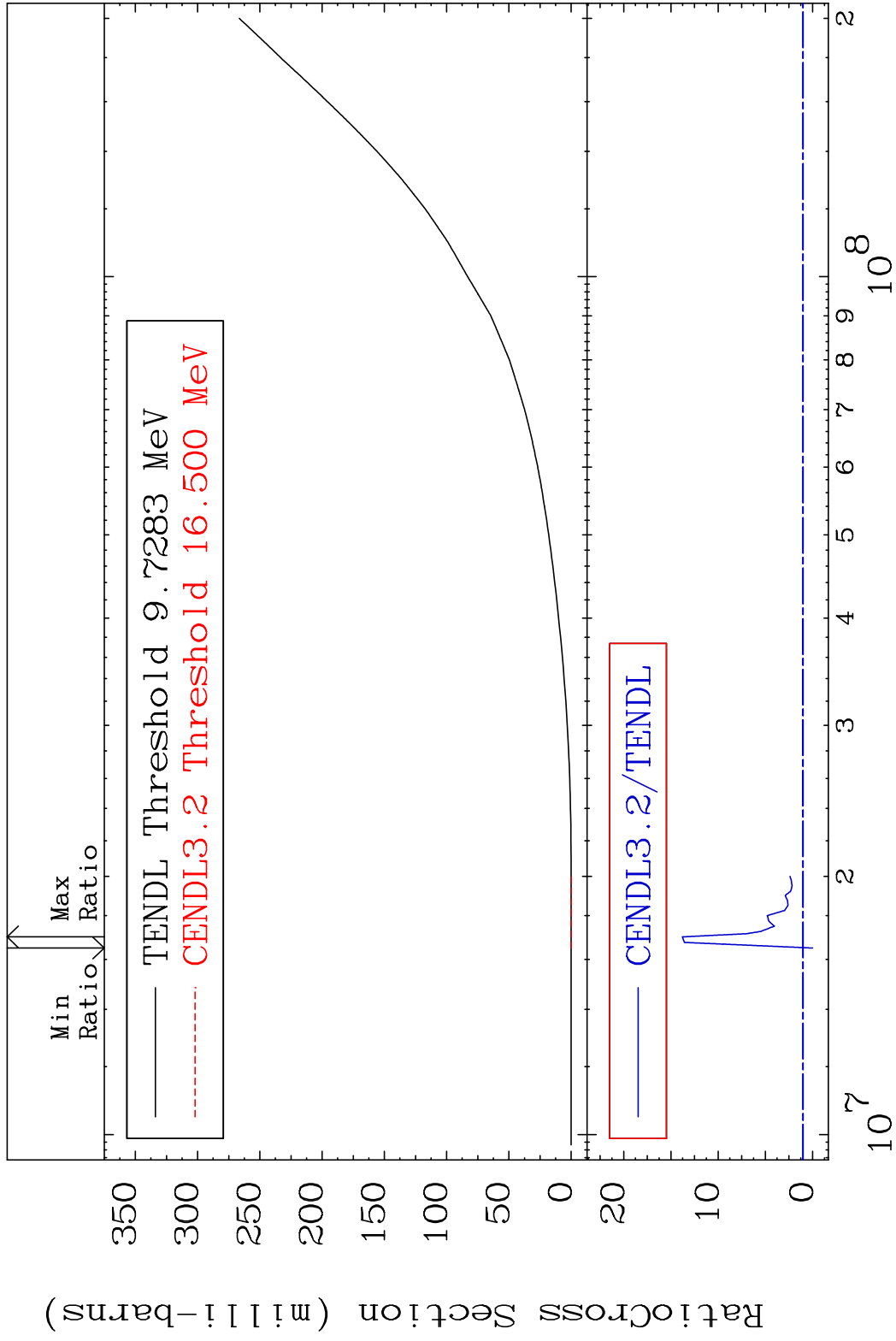
Incident Energy (eV)

MAT 3434

He-3 Production

34-Se-77

Cross Section -100.0 To 1279. %



30

Incident Energy (eV)

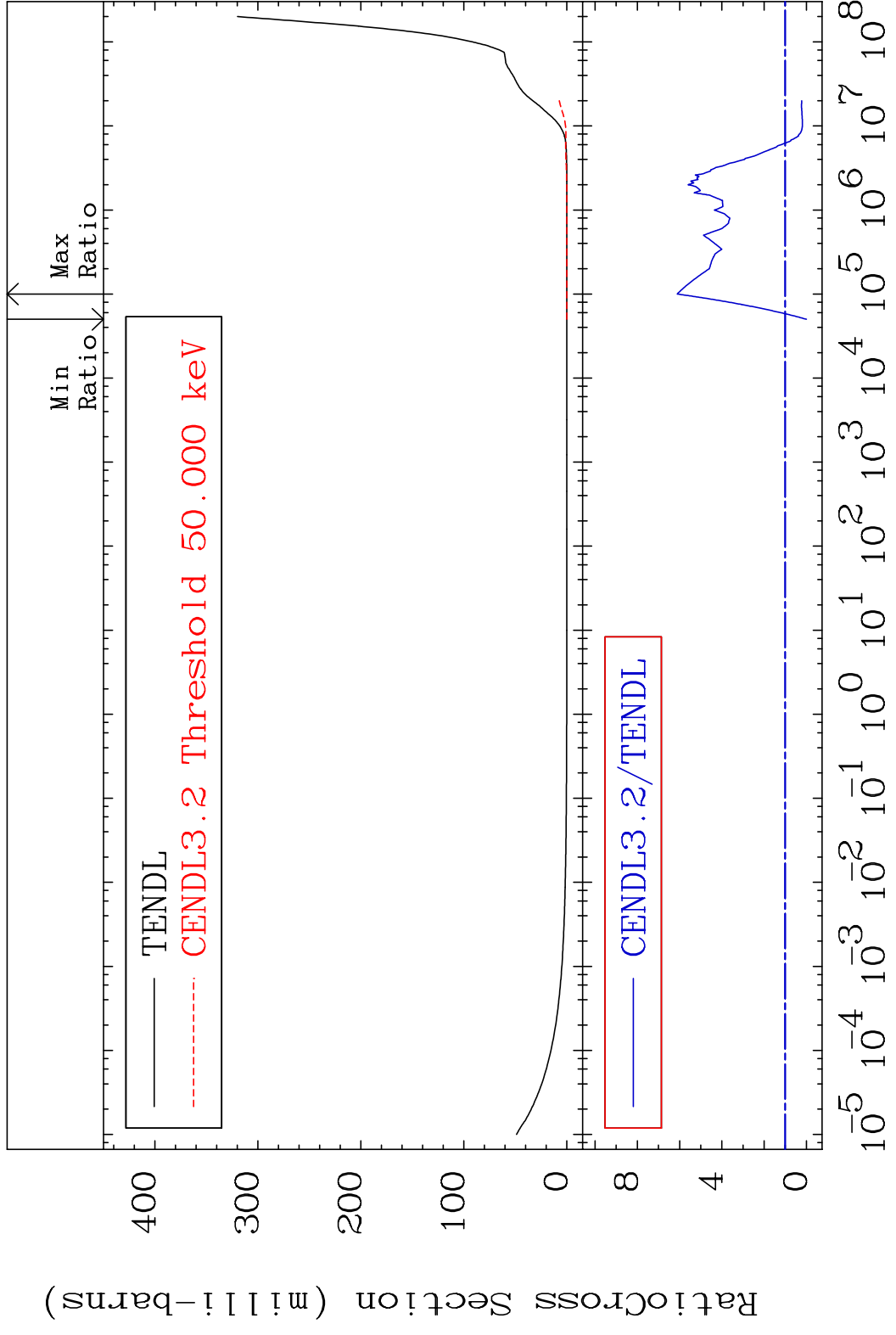
34-Se-77

MAT 3434

He-4 Production

34-Se-77

Cross Section -100.0 To 511.5 %



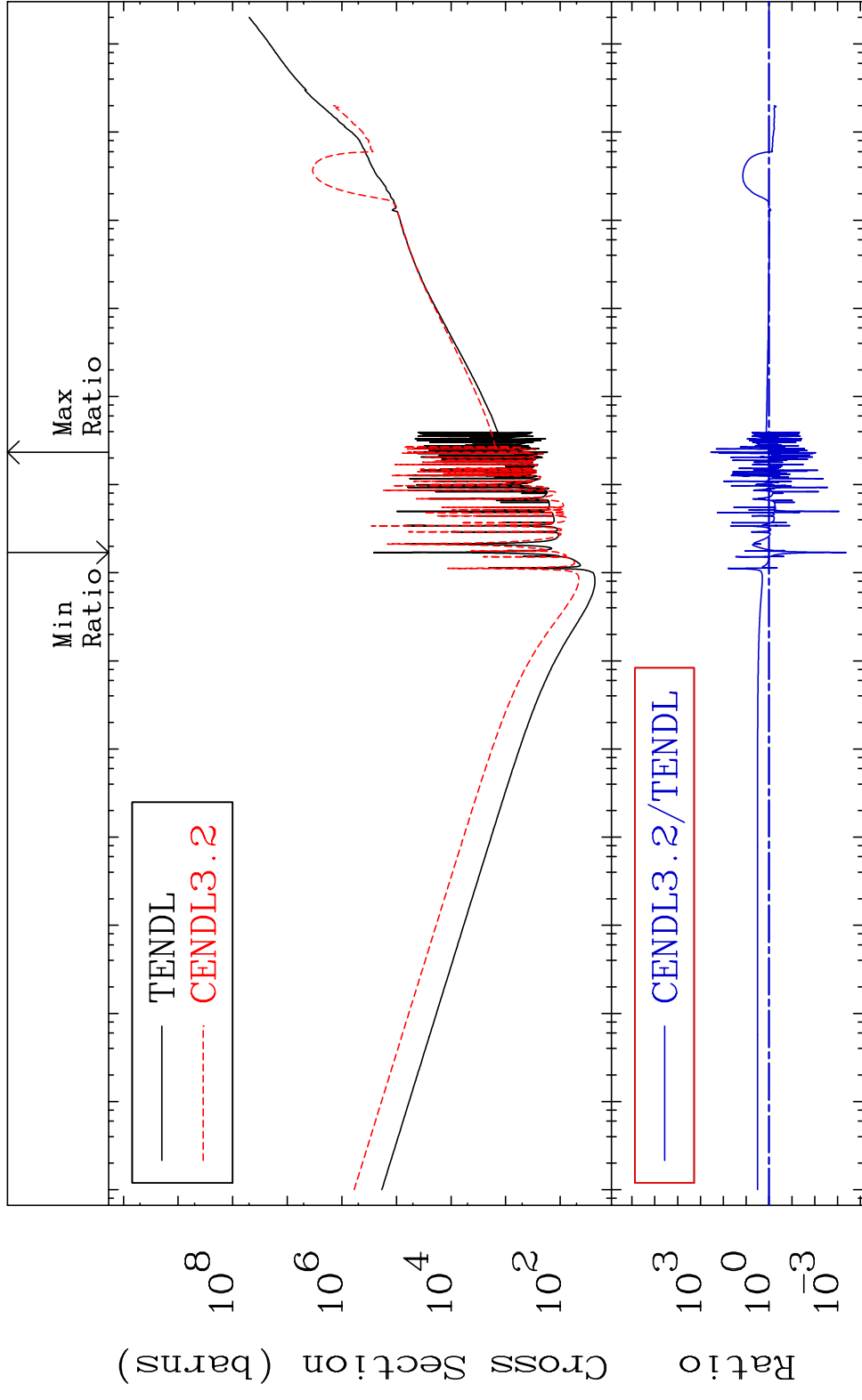
31

Incident Energy (eV)

34-Se-77



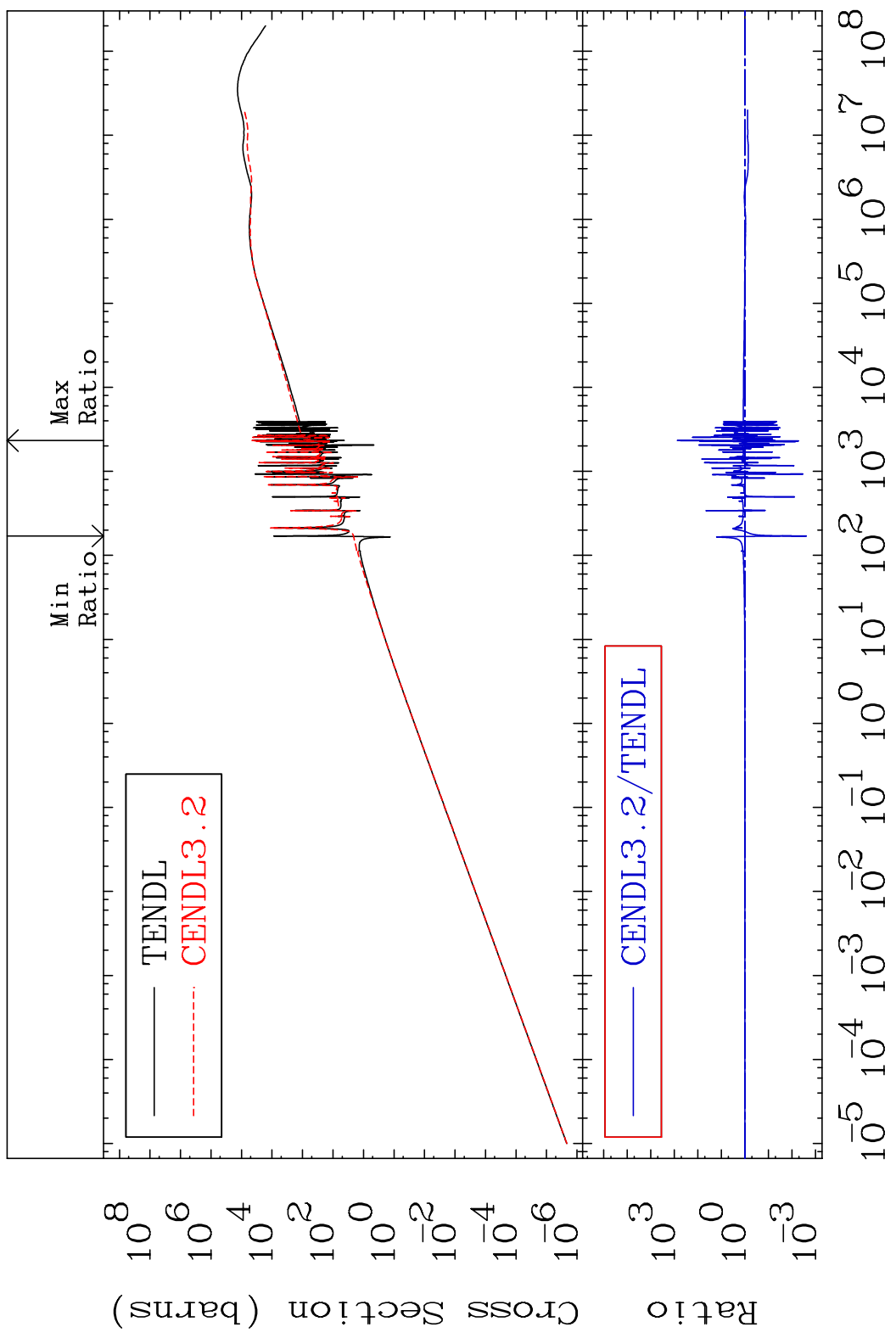
MAT 3434 Kerma total (eV-barns) 34-Se-77  
 Cross Section -99.96 To 9999. %



32 Incident Energy (eV) 34-Se-77

MAT 3434

Kerma elastic Cross Section -99.76 To 9999. %  
34-Se-77

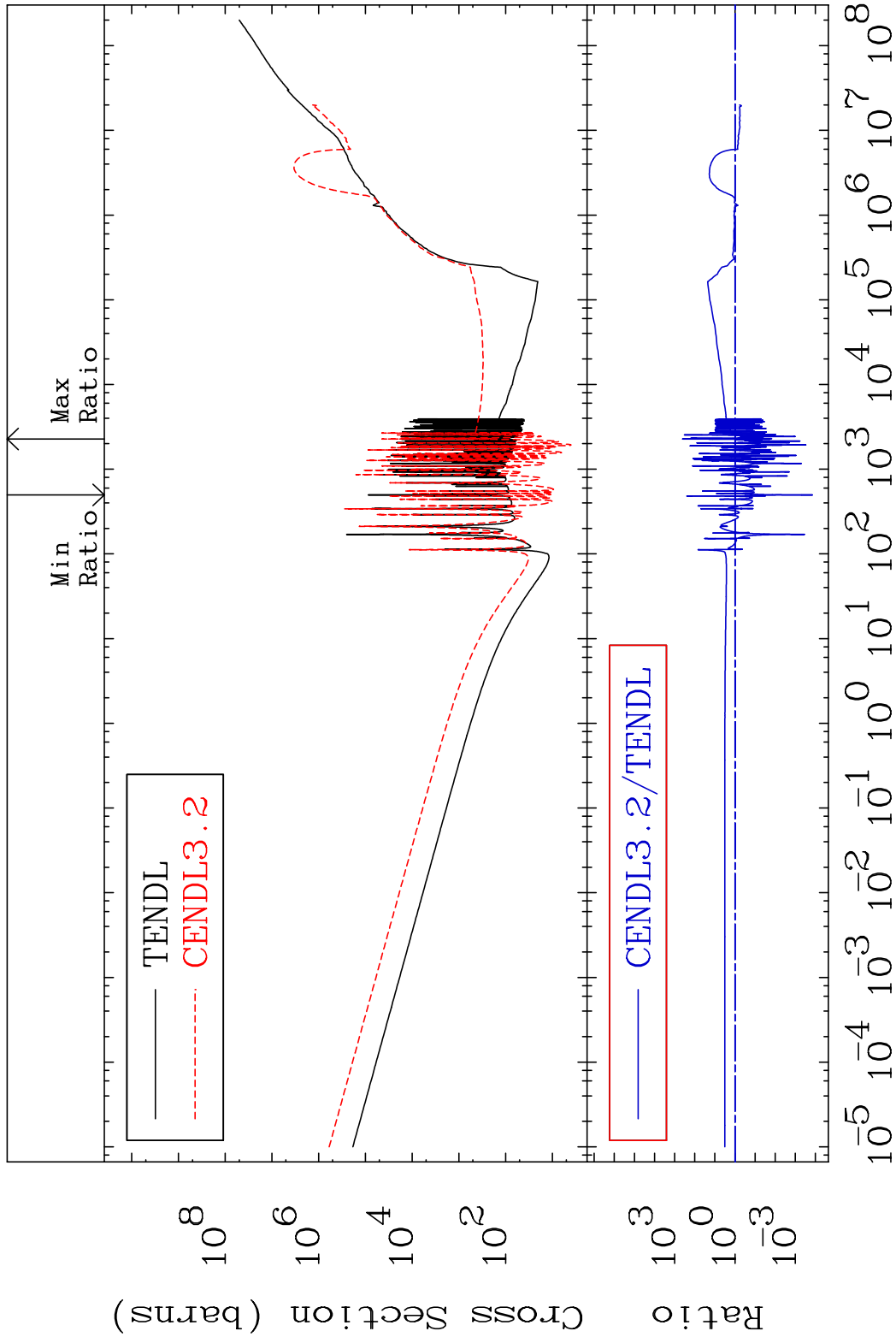


33

Incident Energy (eV)

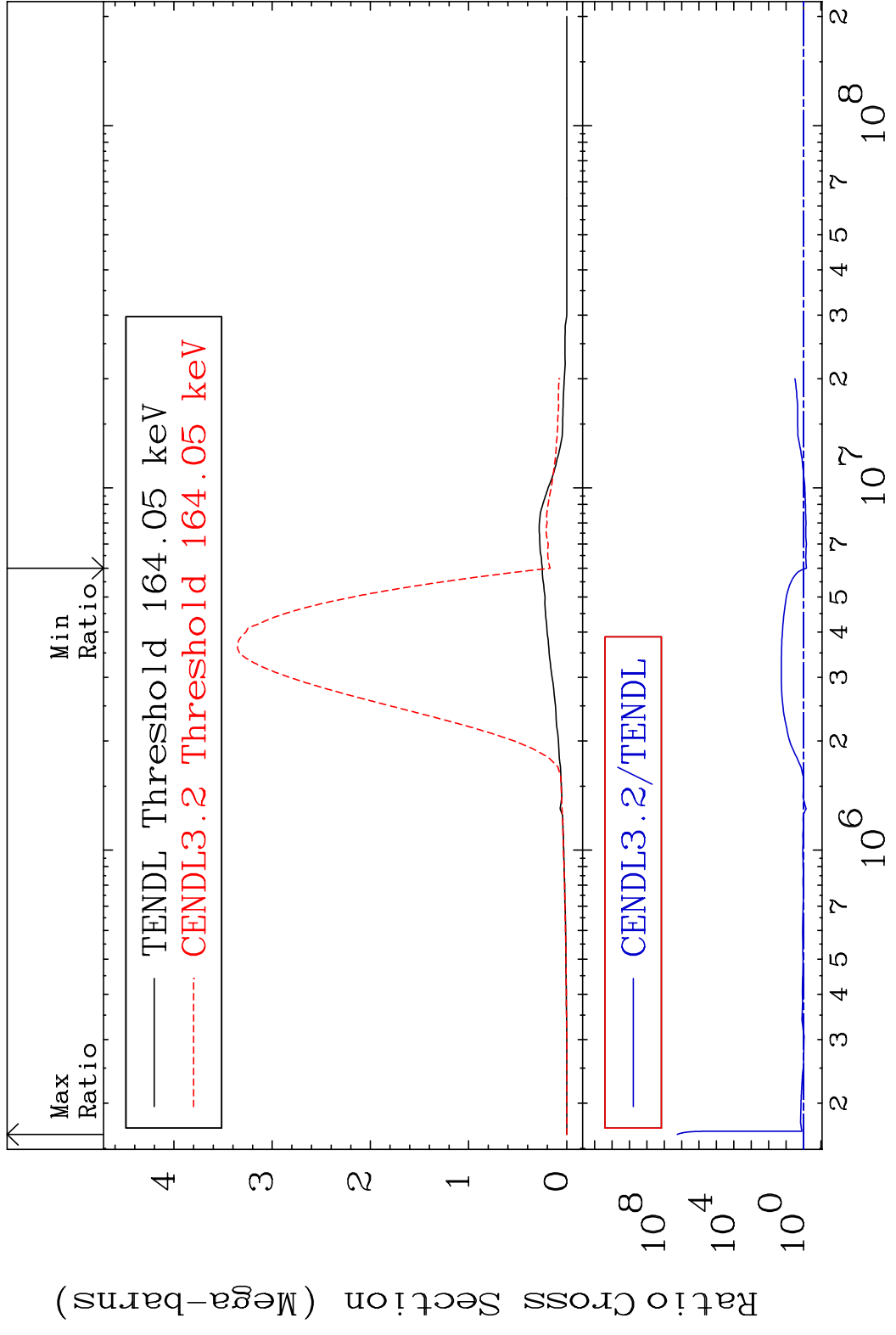
34-Se-77

MAT 3434 Kerma non-elastic (all but mt2) 34-Se-77  
 Cross Section -99.99 To 9999. %

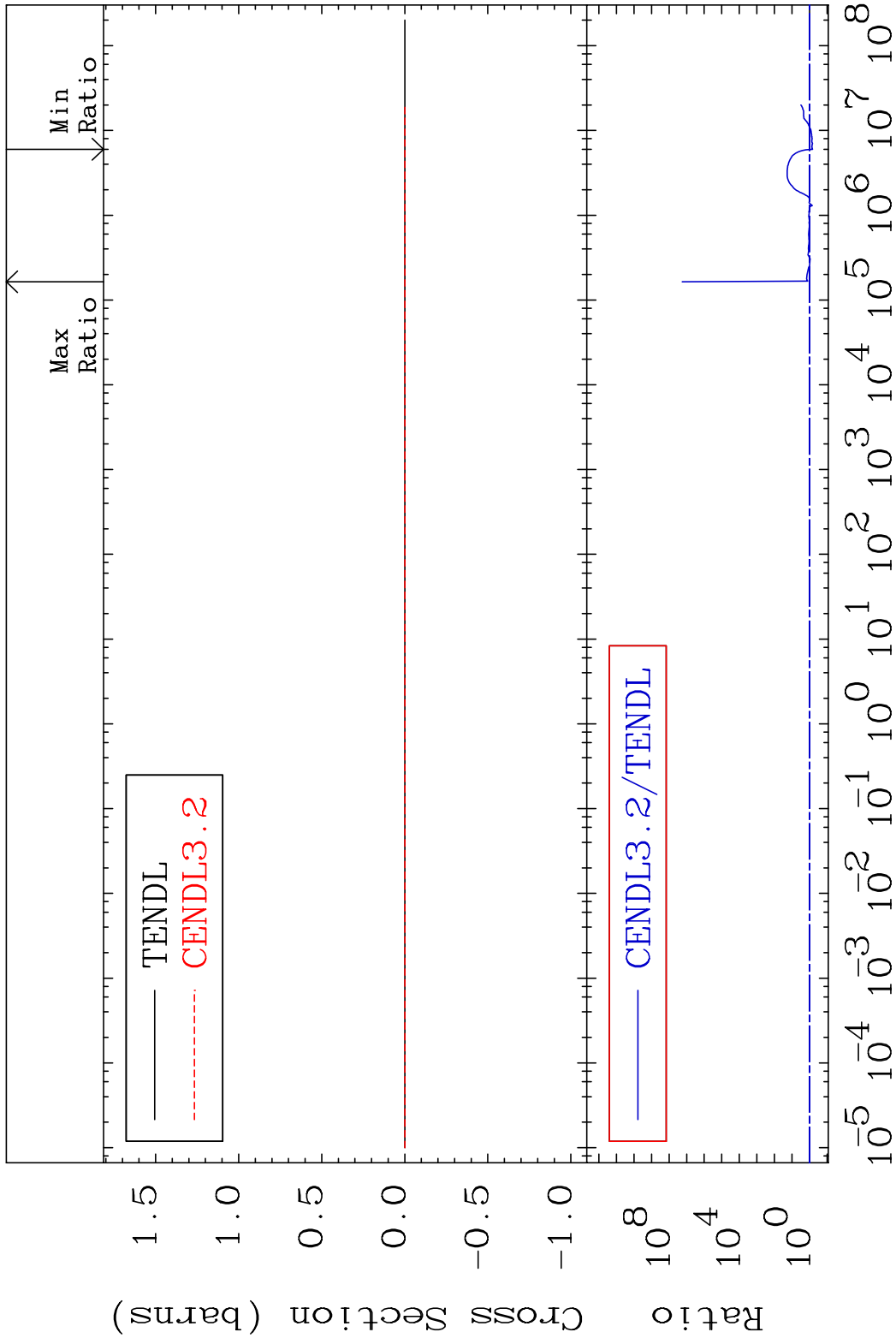


34 Incident Energy (eV) 34-Se-77

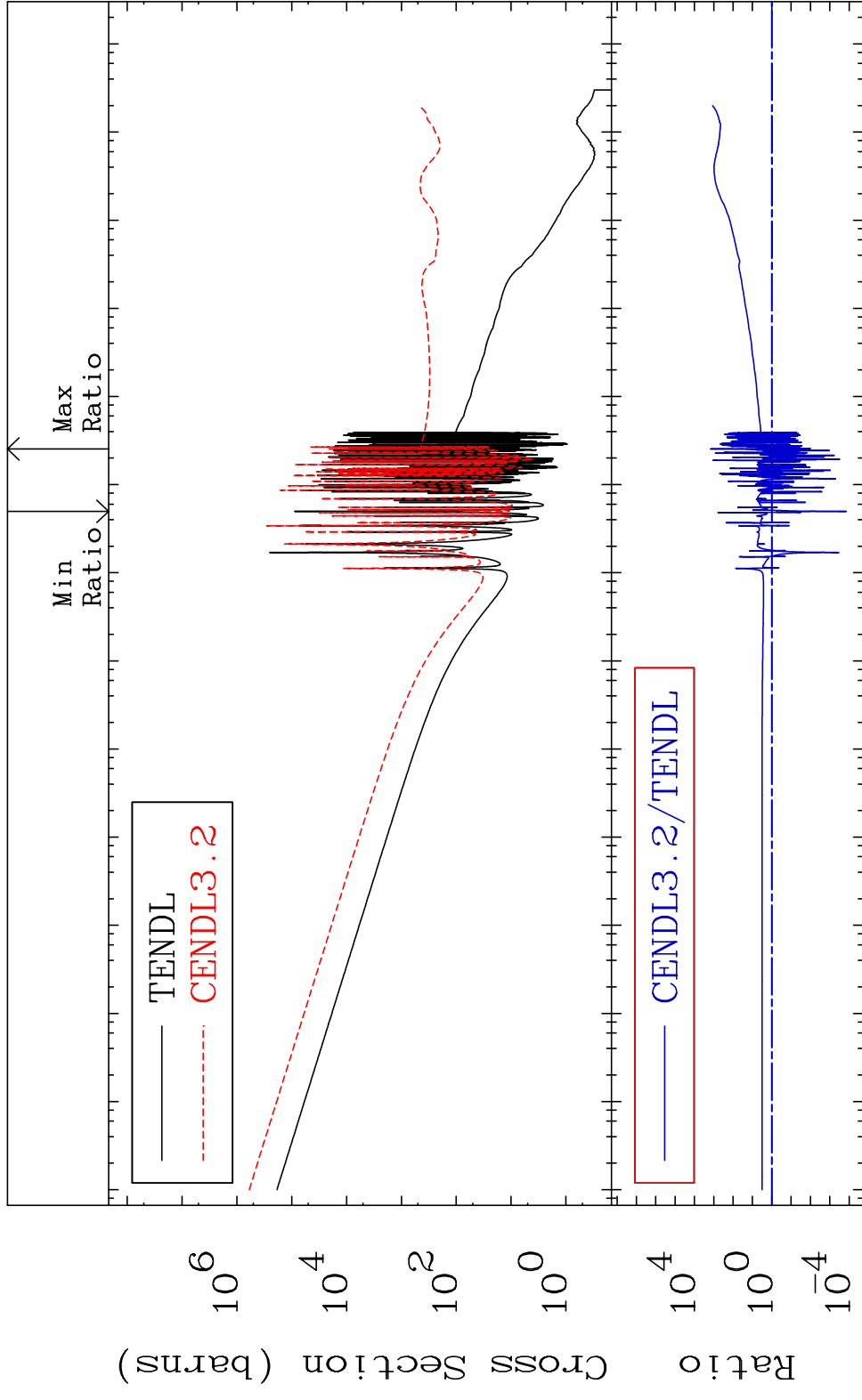
MAT 3434 Kerma inelastic (mt51-91) 34-Se-77  
 Cross Section -31.52 To 9999. %



MAT 3434 Kerma fission (mt18 or mt19-20-21-38) 34-Se-77  
 Cross Section -31.52 To 9999. %

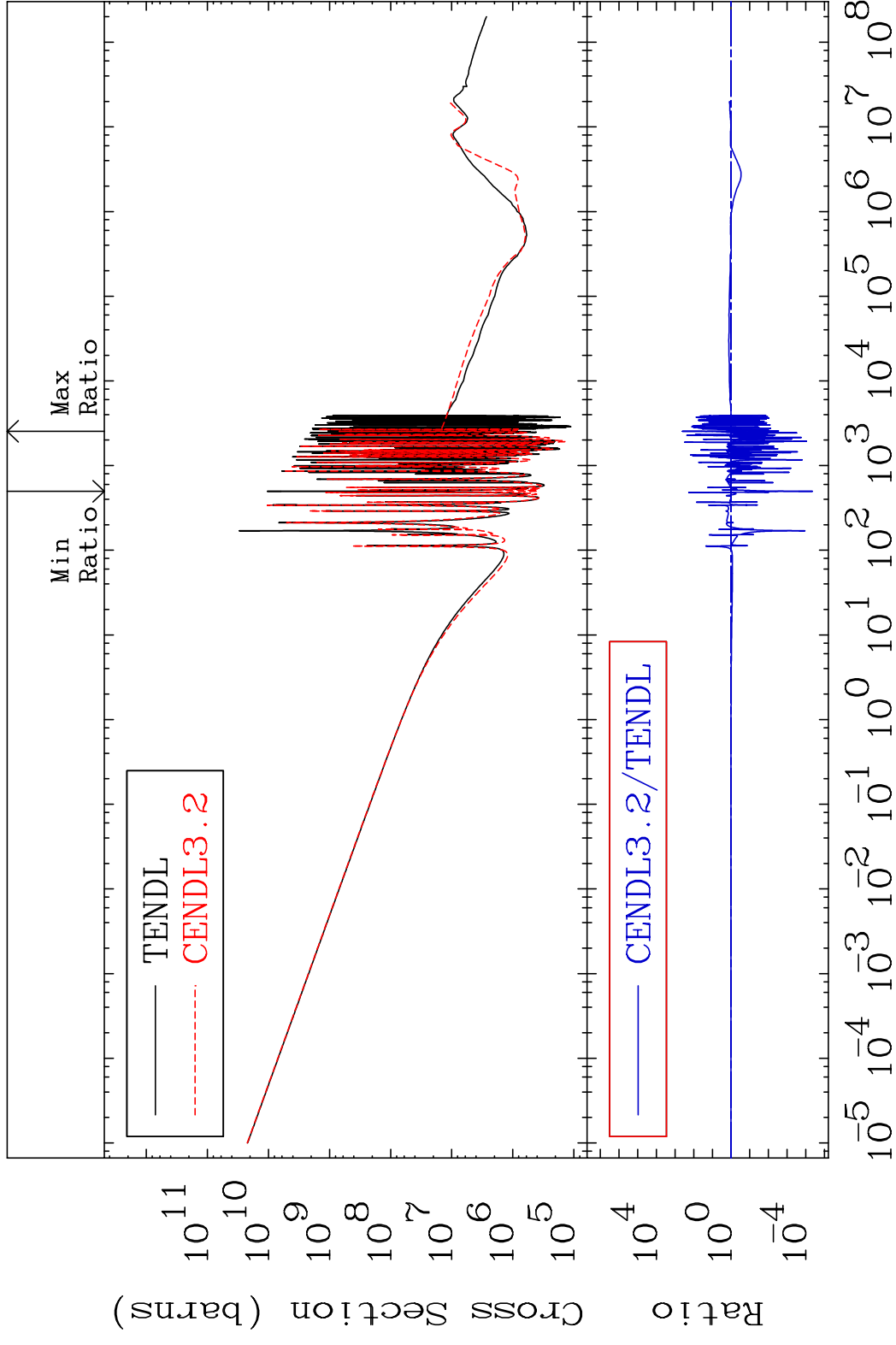


MAT 3434 Kerma capture (mt102) 34-Se-77  
 Cross Section -99.99 To 9999. %

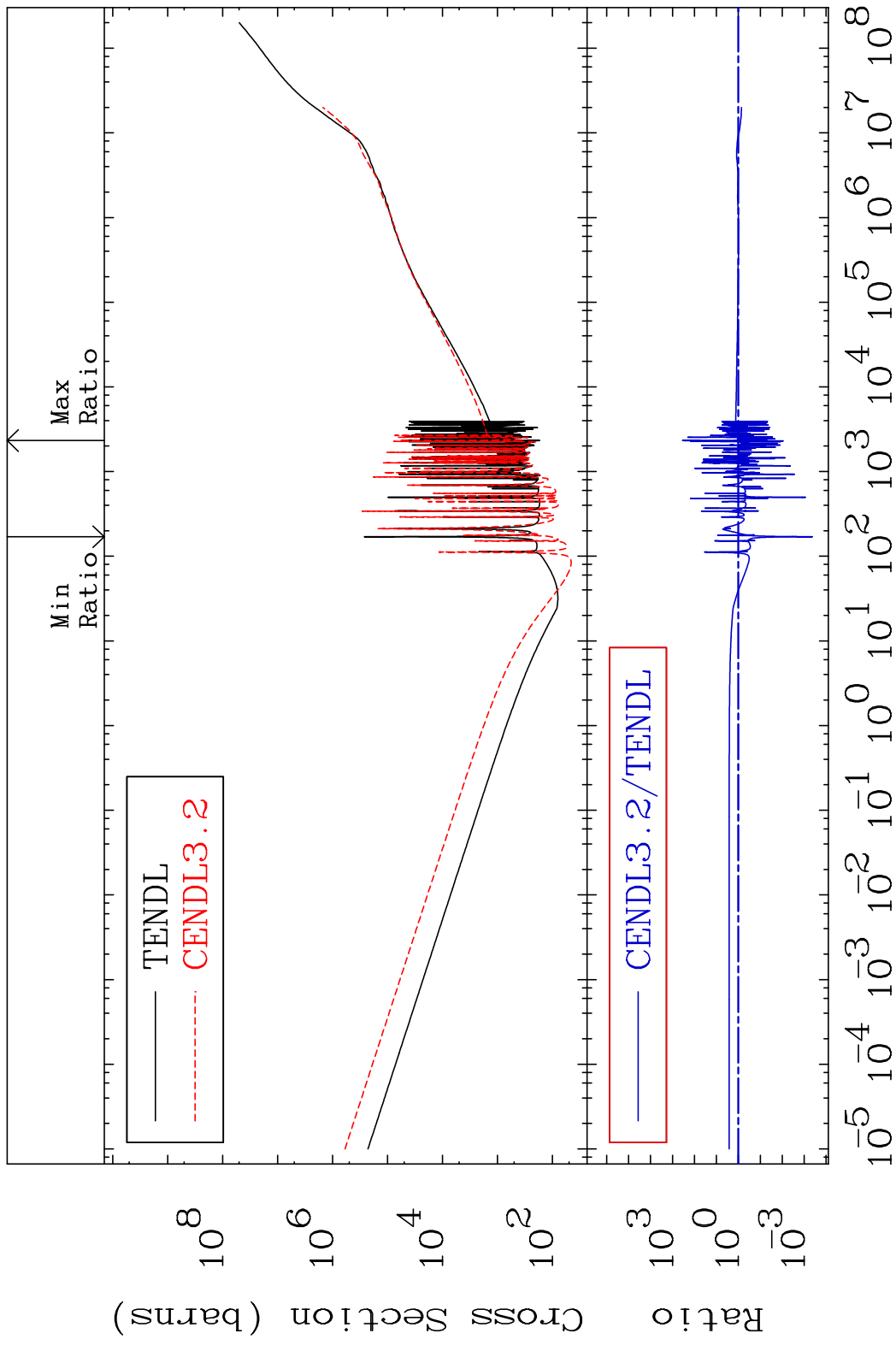


37 Incident Energy (eV) 34-Se-77

MAT 3434 Total photon (eV-barns) 34-Se-77  
 Cross Section -100.0 To 9999. %



MAT 3434 Total kinematic kerma (high limit) 34-Se-77  
 Cross Section -99.96 To 9999. %



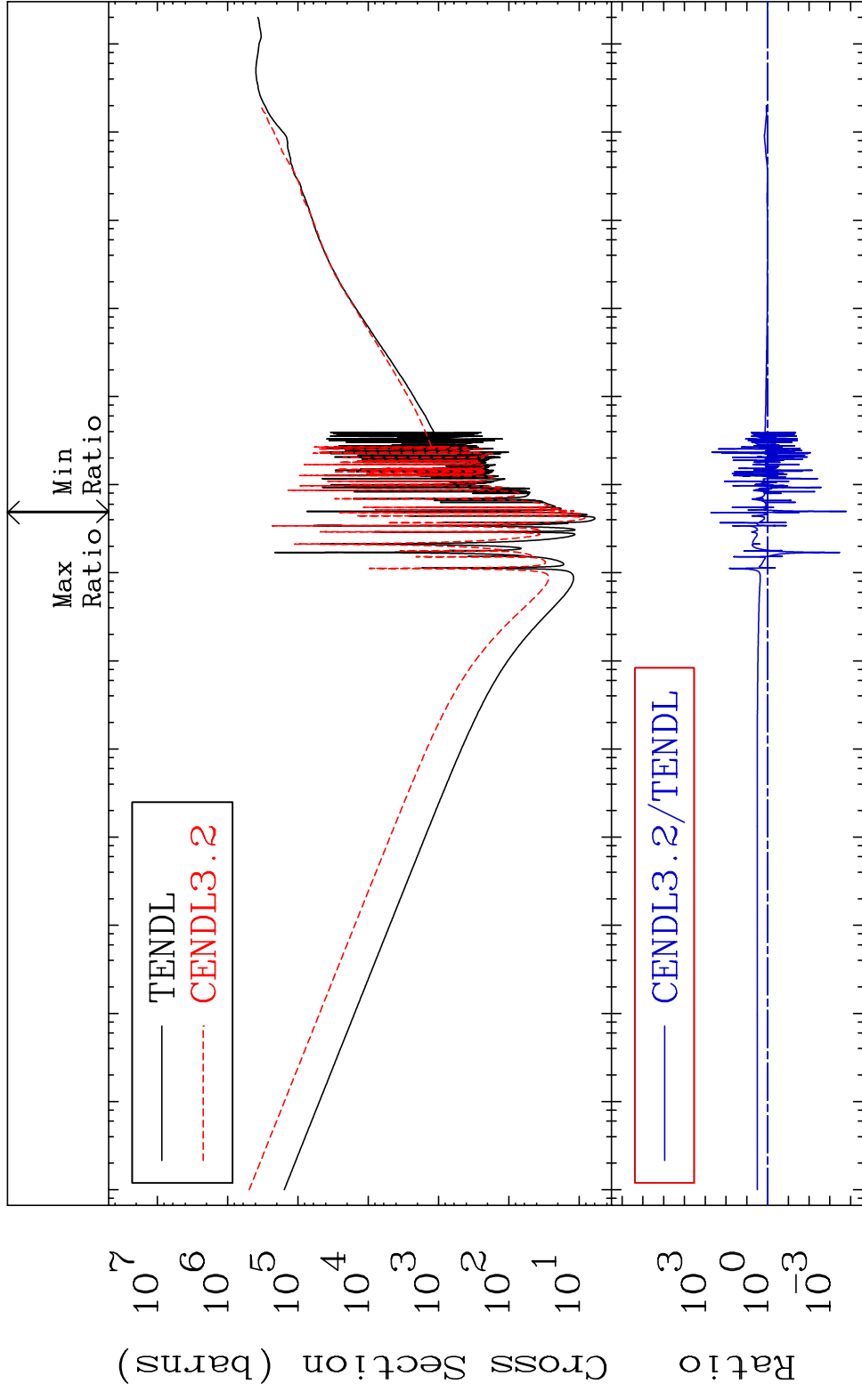


MAT 3434

Dpa total (eV-barns)

34-Se-77

Cross Section -99.98 To 9999. %



40

Incident Energy (eV)

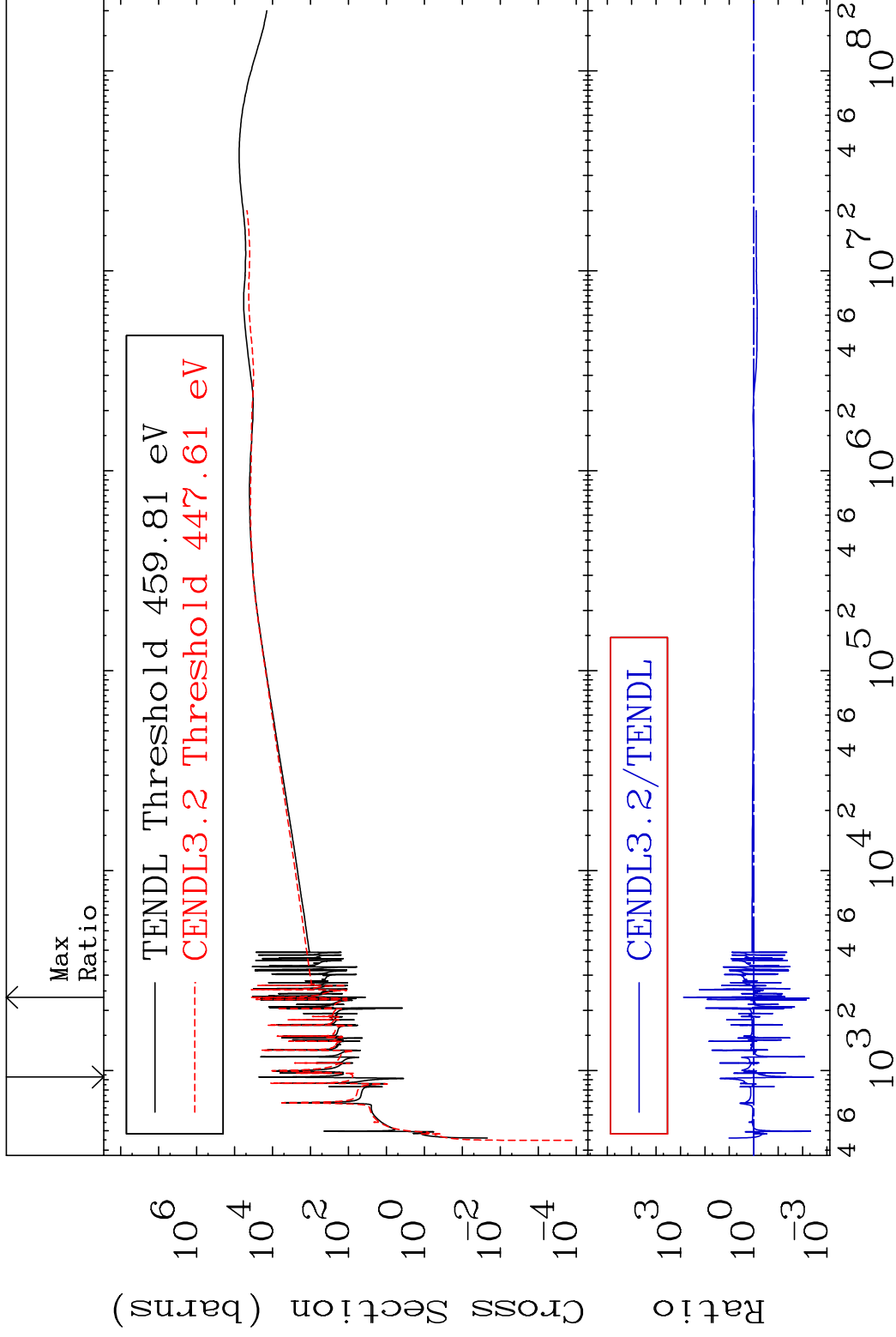
34-Se-77

MAT 3434

Dpa elastic (mt2)

34-Se-77

Cross Section -99.66 To 9999. %

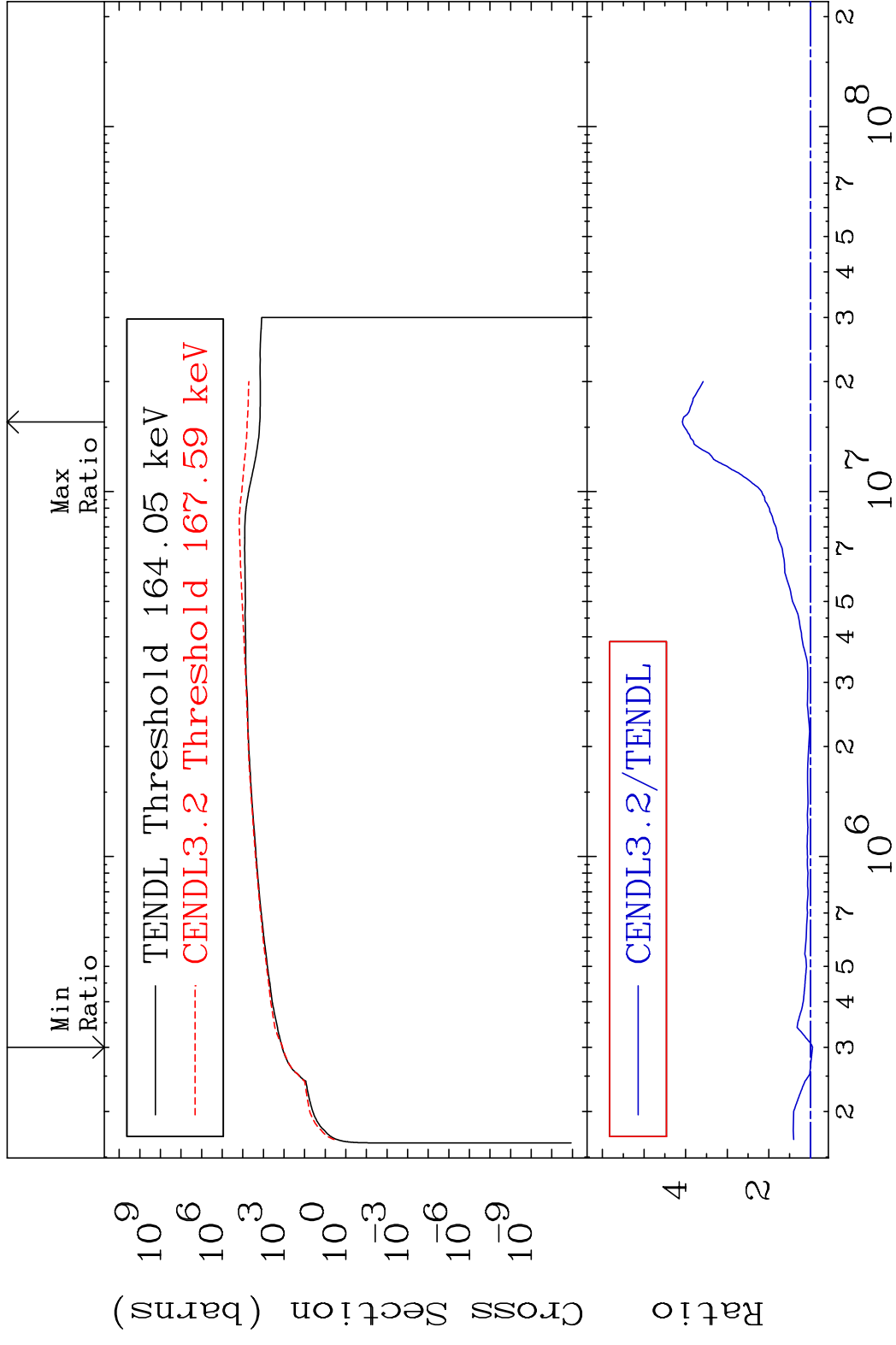


41

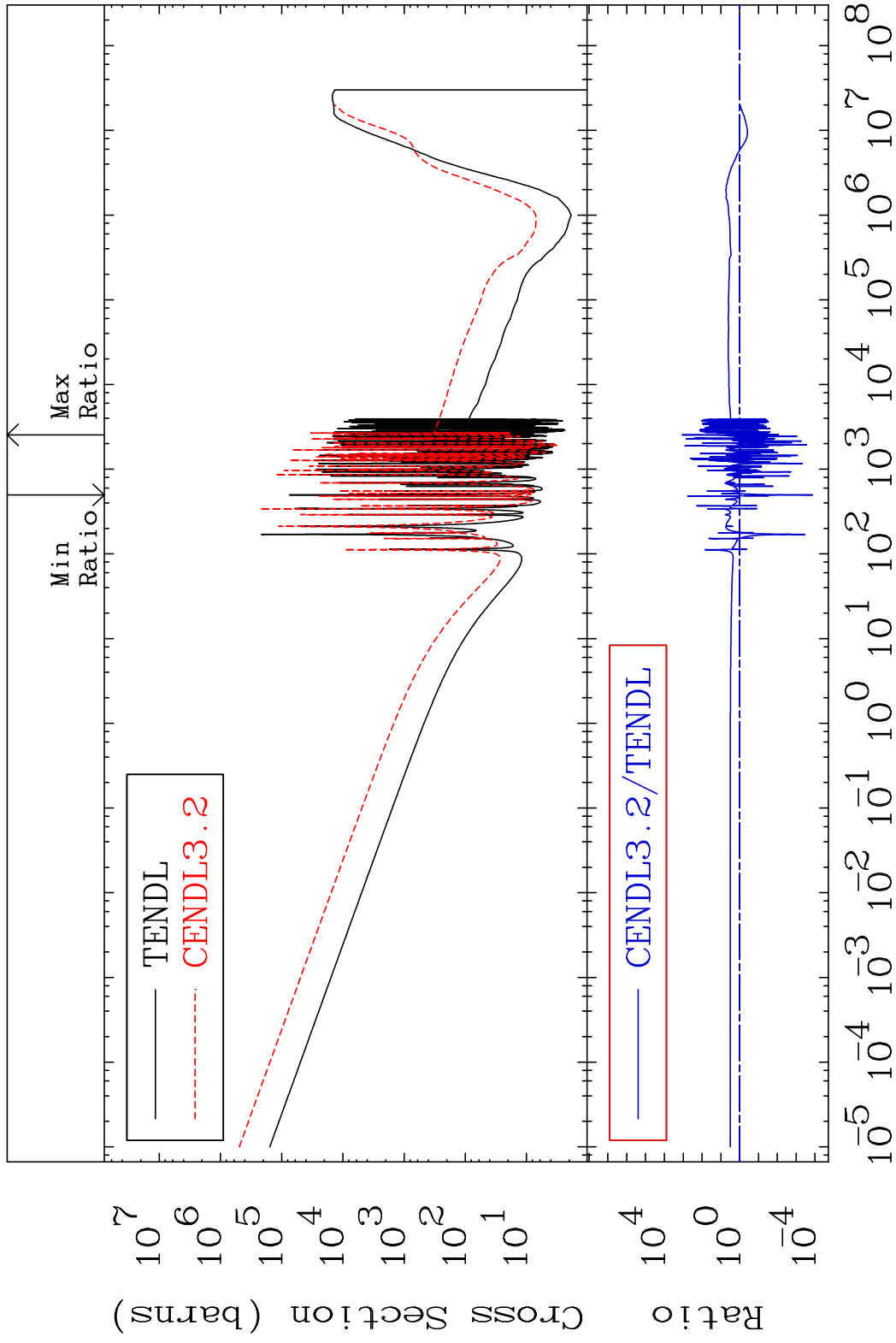
Incident Energy (eV)

34-Se-77

MAT 3434 Dpa inelastic (mt51-91) 34-Se-77  
 Cross Section -4.964 To 307.9 %



MAT 3434 Dpa disappearance (mt102 -120) 34-Se-77  
 Cross Section -99.99 To 9999. %

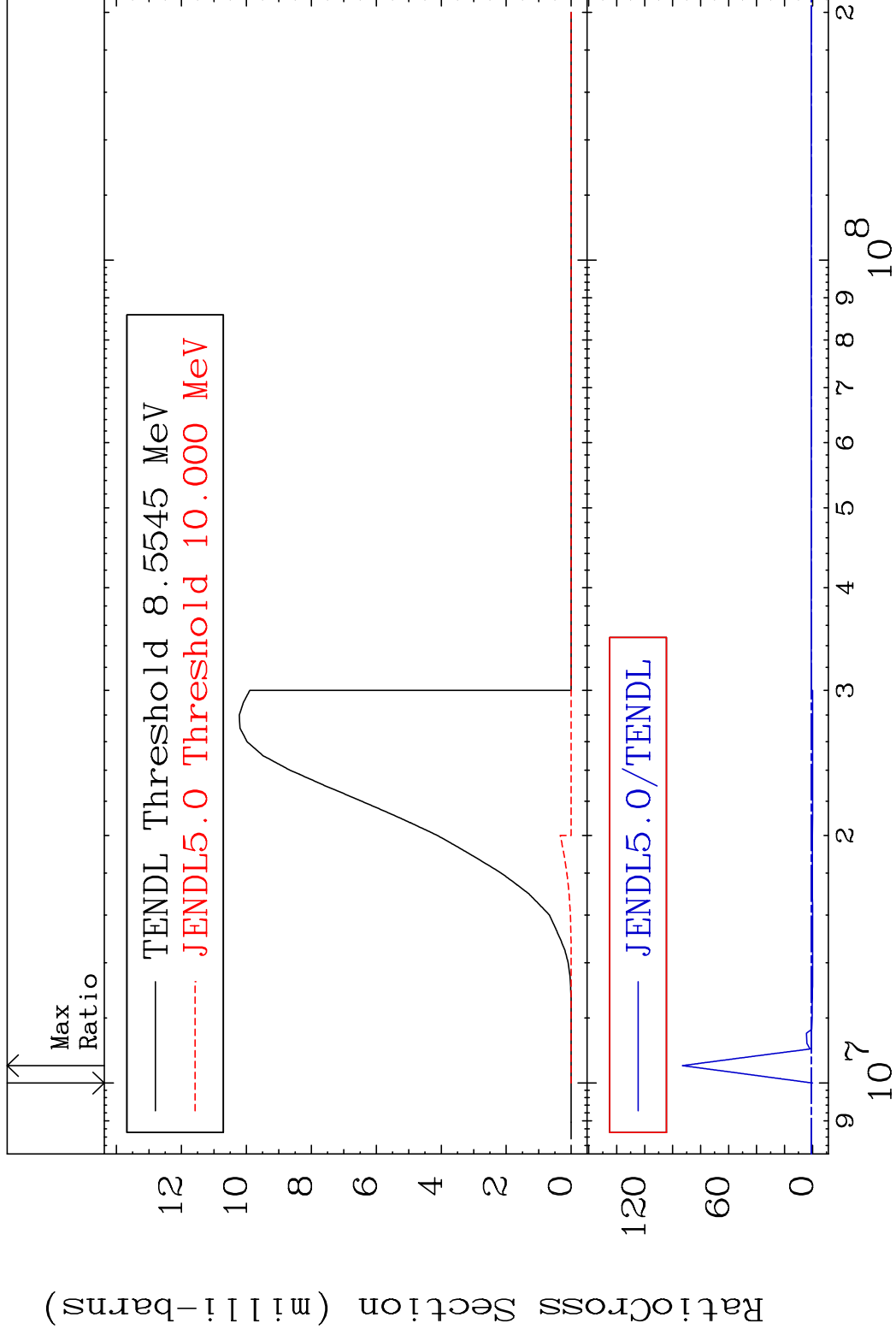


MAT 3434

(n, t)

34-Se-77

Cross Section -100.0 To 9209. %



44

Incident Energy (eV)

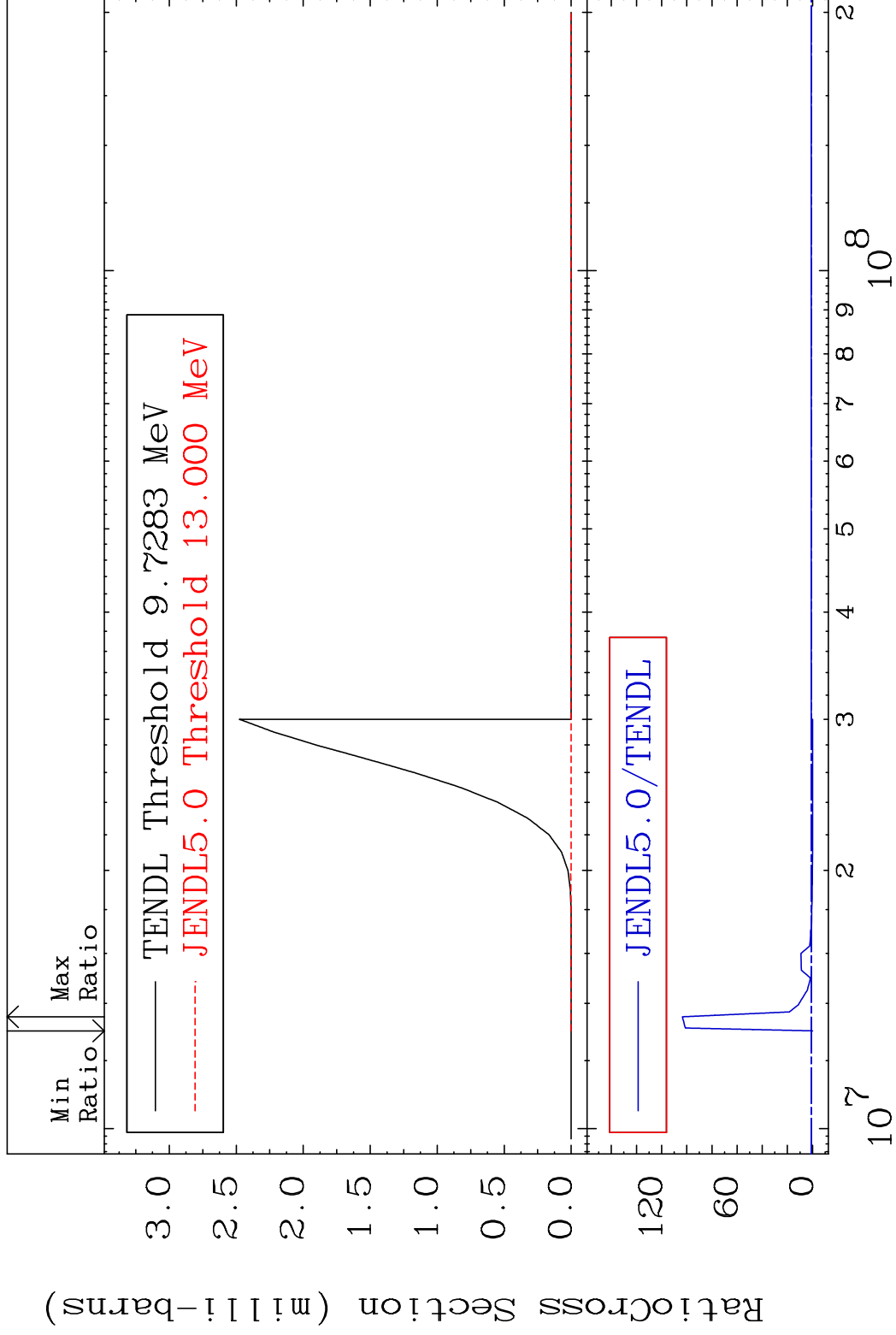
34-Se-77

MAT 3434

(n, He-3)

34-Se-77

Cross Section -100.0 To 9999. %



45

Incident Energy (eV)

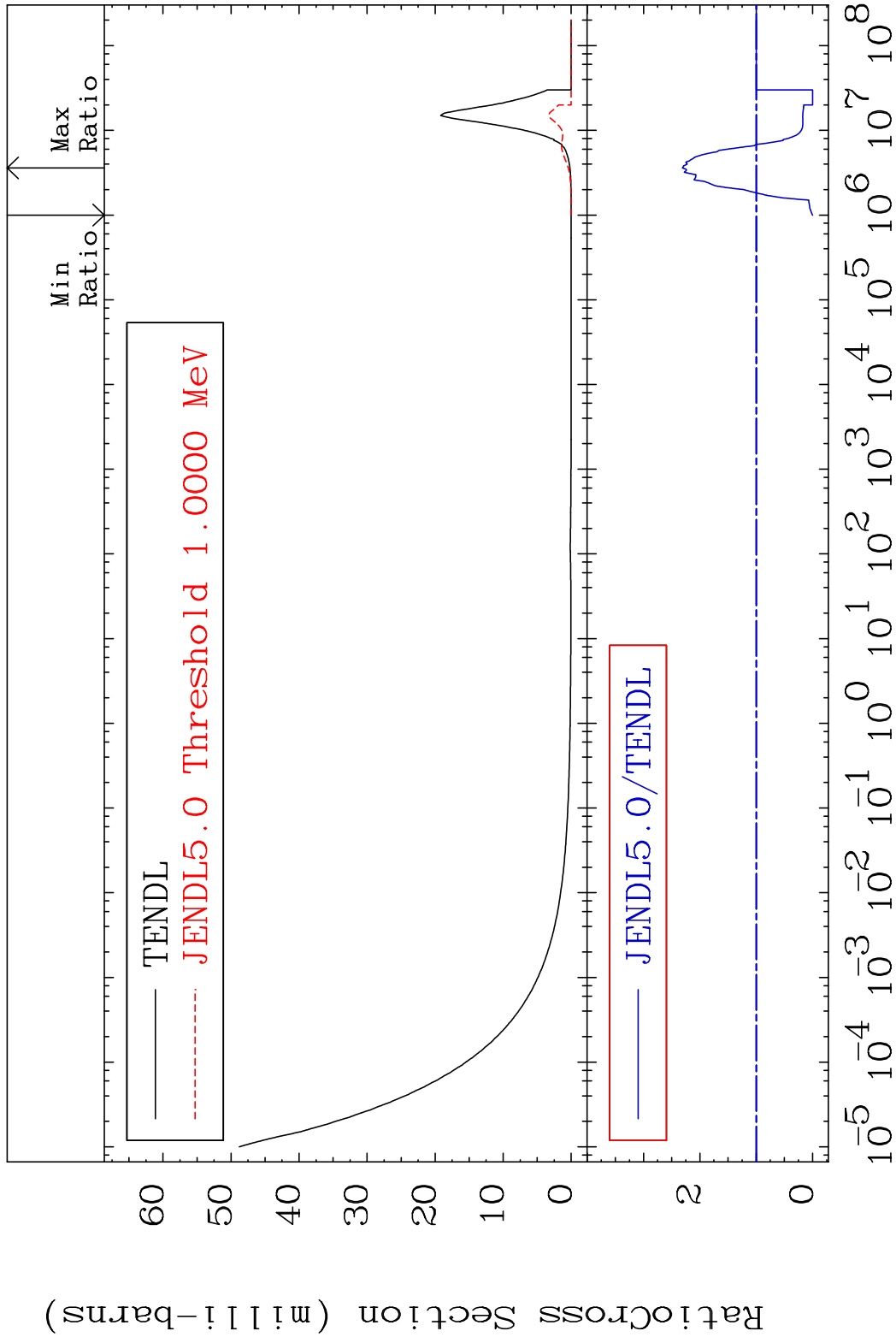
34-Se-77

MAT 3434

(n,  $\alpha$ )

34-Se-77

Cross Section -100.0 To 131.1 %



46

Incident Energy (eV)

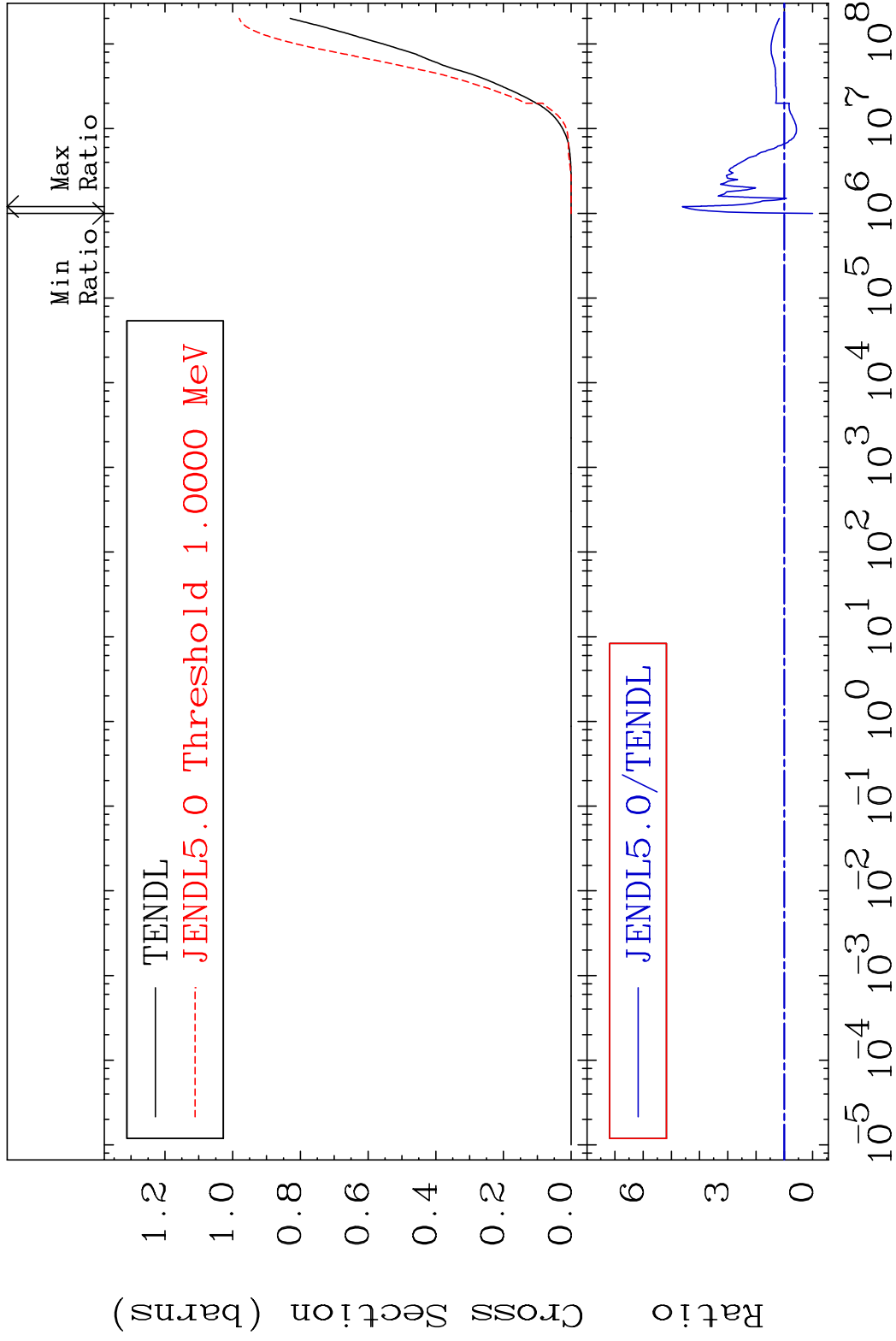
34-Se-77

MAT 3434

Hydrogen Production

34-Se-77

Cross Section -100.0 To 361.1 %



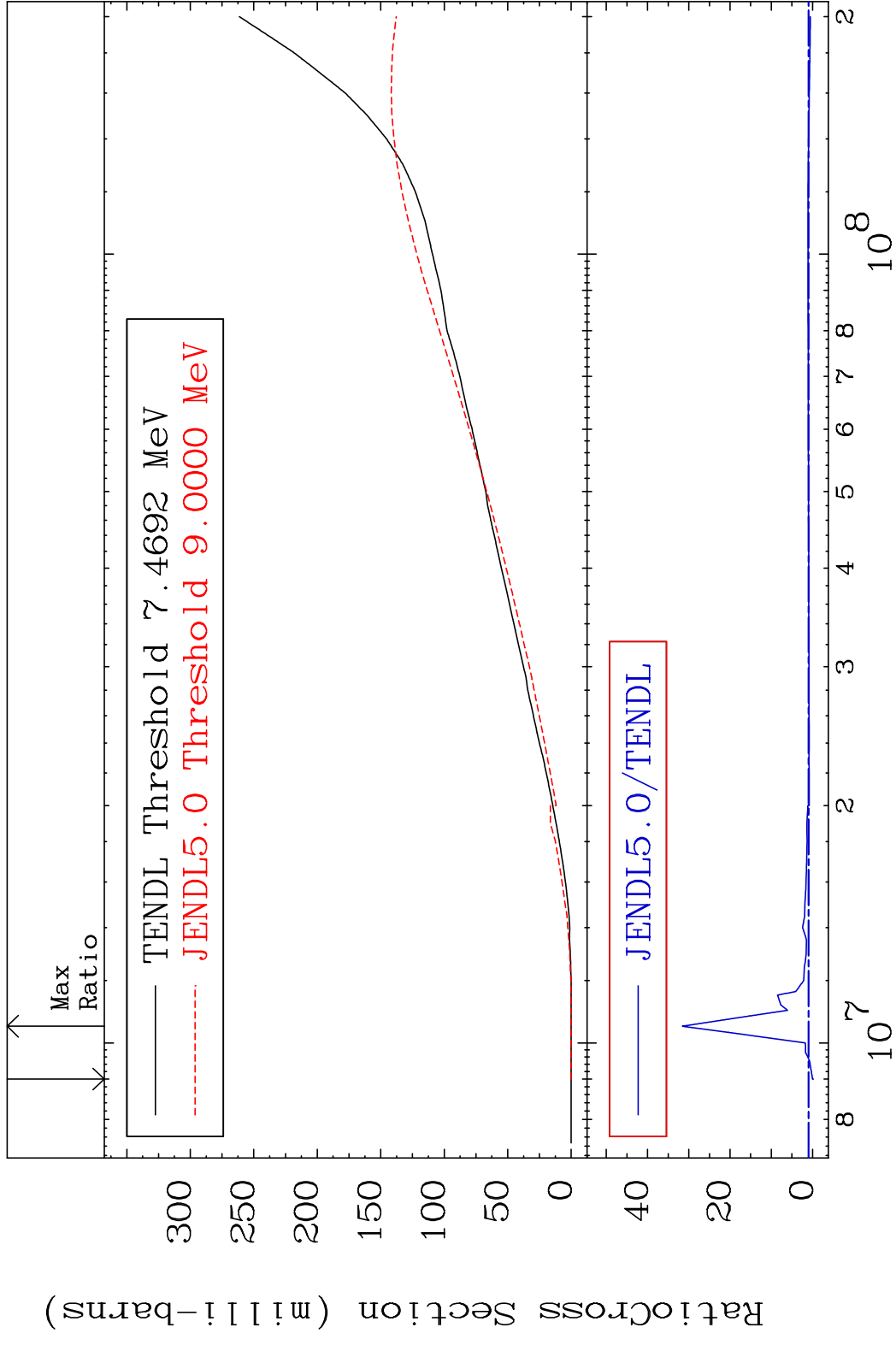
47

Incident Energy (eV)

34-Se-77

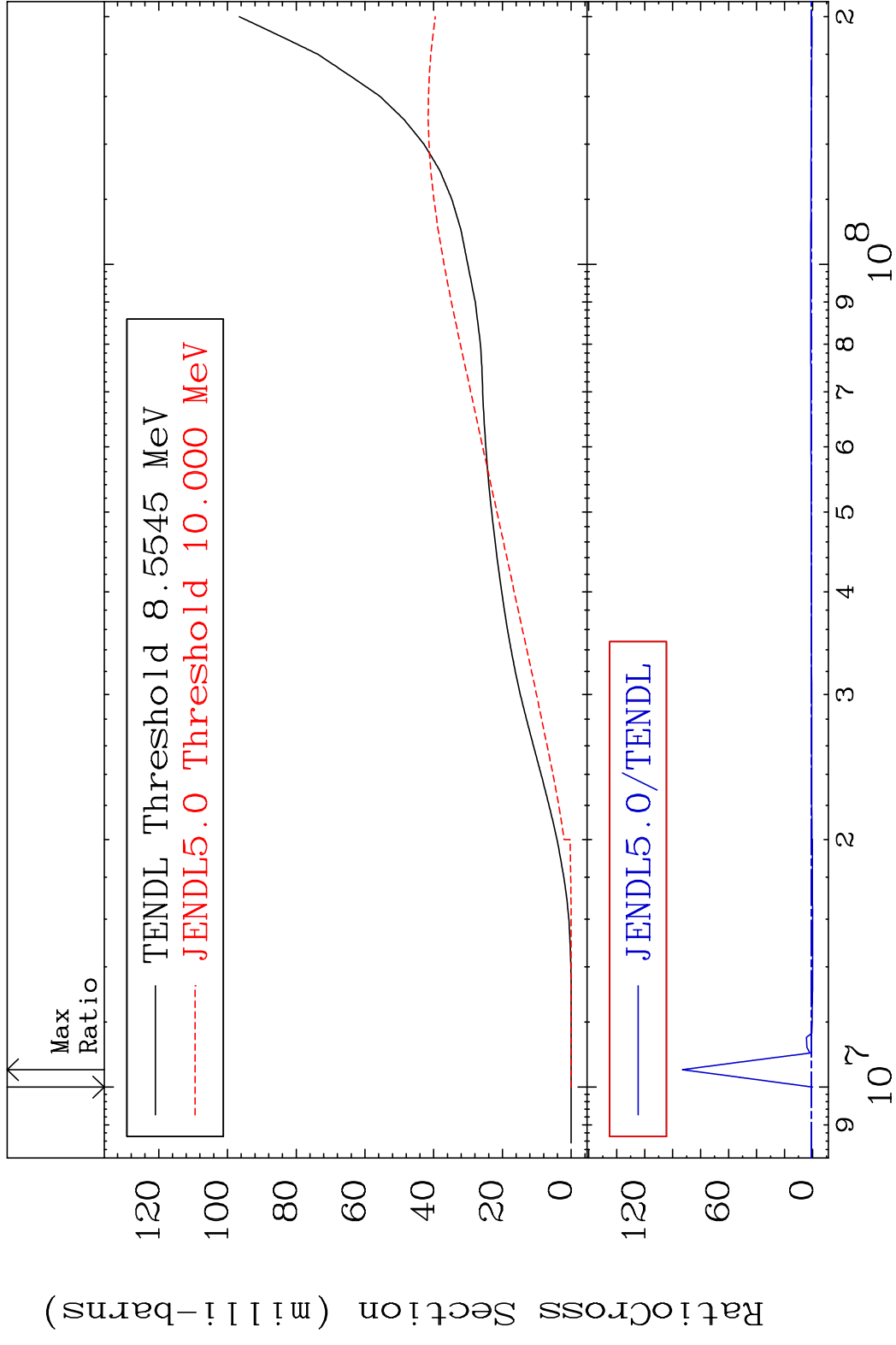


MAT 3434 Deuterium Production 34-Se-77  
 Cross Section -100.0 To 3056. %



48 Incident Energy (eV) 34-Se-77

MAT 3434 Tritium Production 34-Se-77  
 Cross Section -100.0 To 9209. %



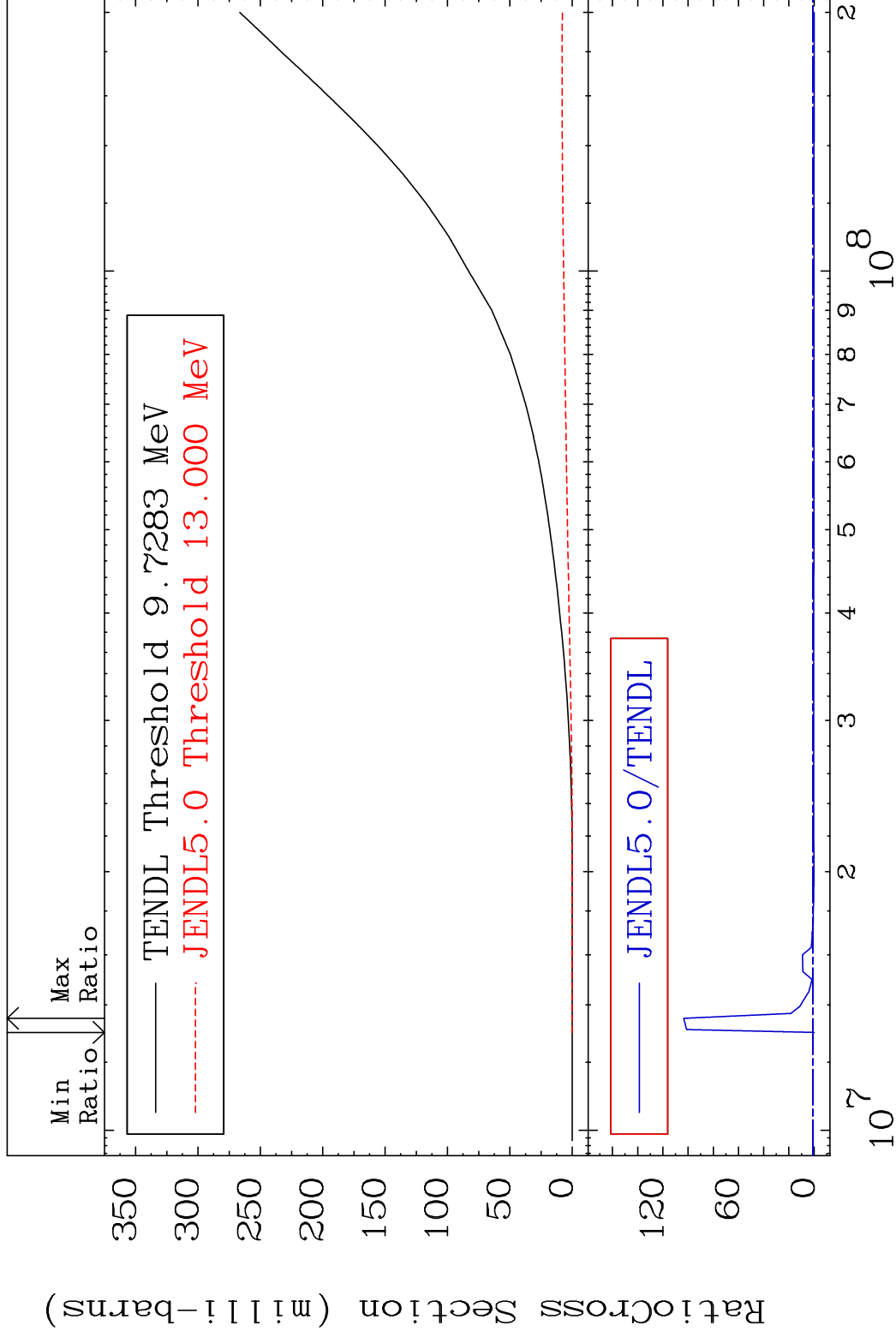
49 Incident Energy (eV) 34-Se-77

MAT 3434

He-3 Production

34-Se-77

Cross Section -100.0 To 9999. %



50

Incident Energy (eV)

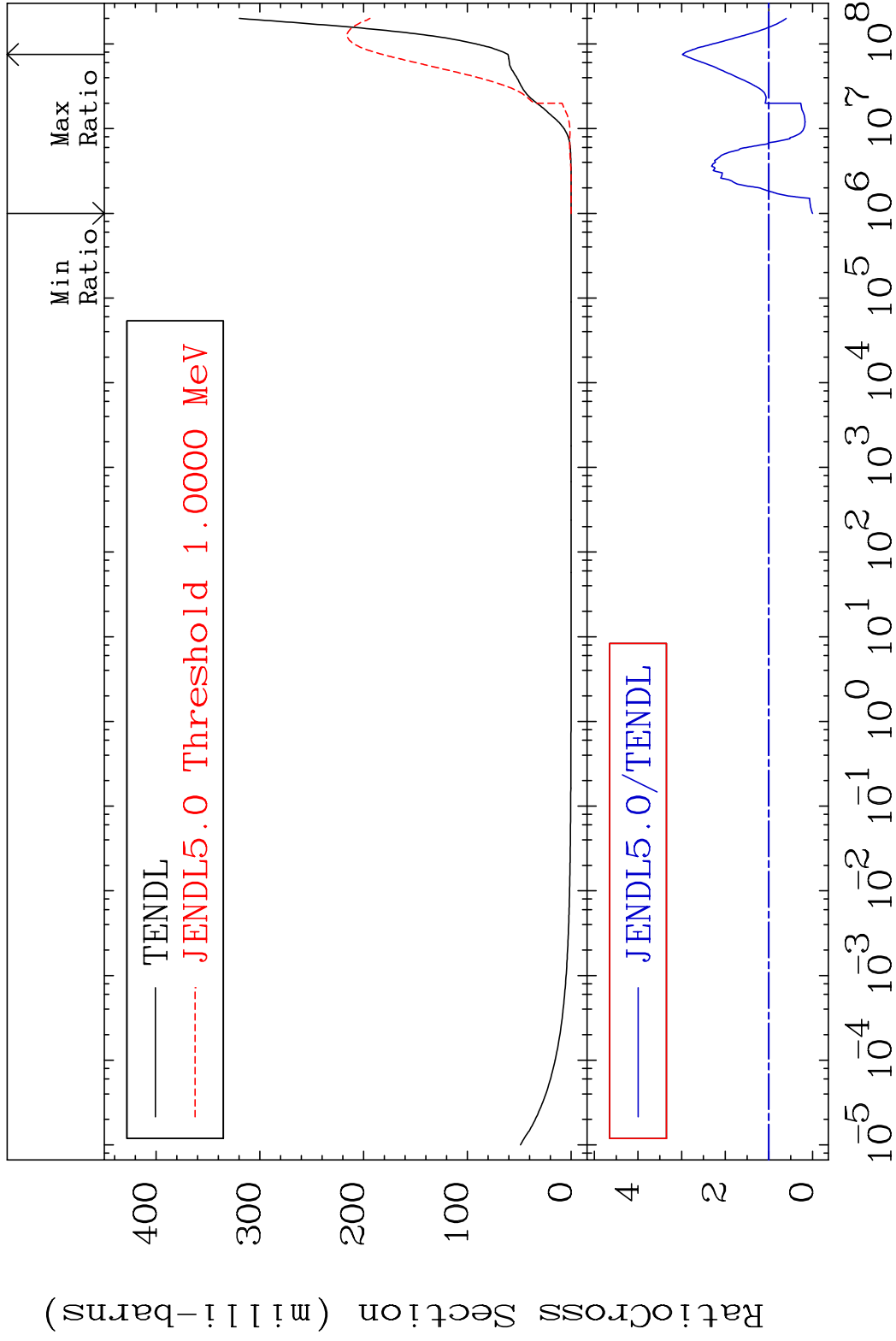
34-Se-77

MAT 3434

He-4 Production

34-Se-77

Cross Section -100.0 To 198.3 %

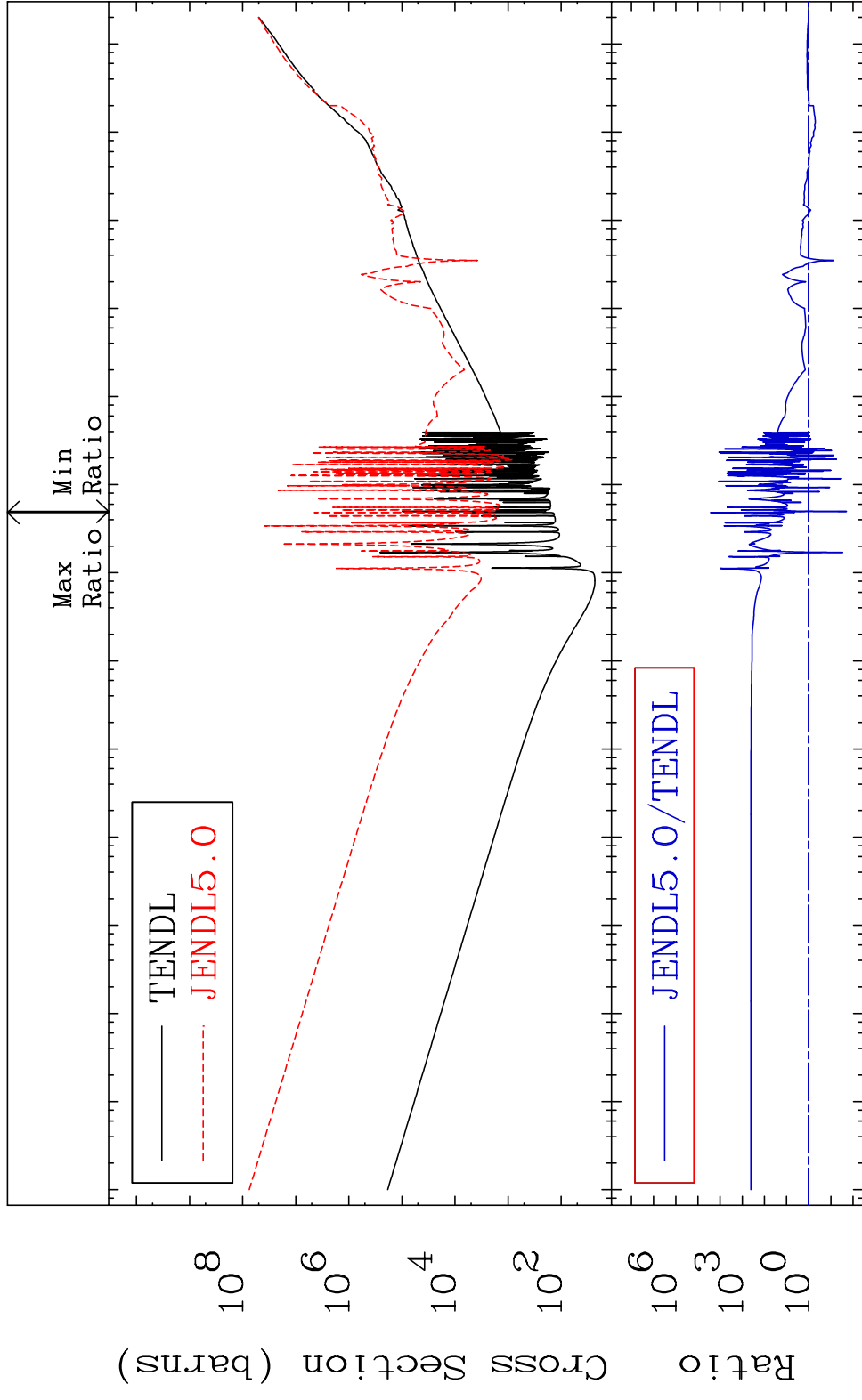


51

Incident Energy (eV)

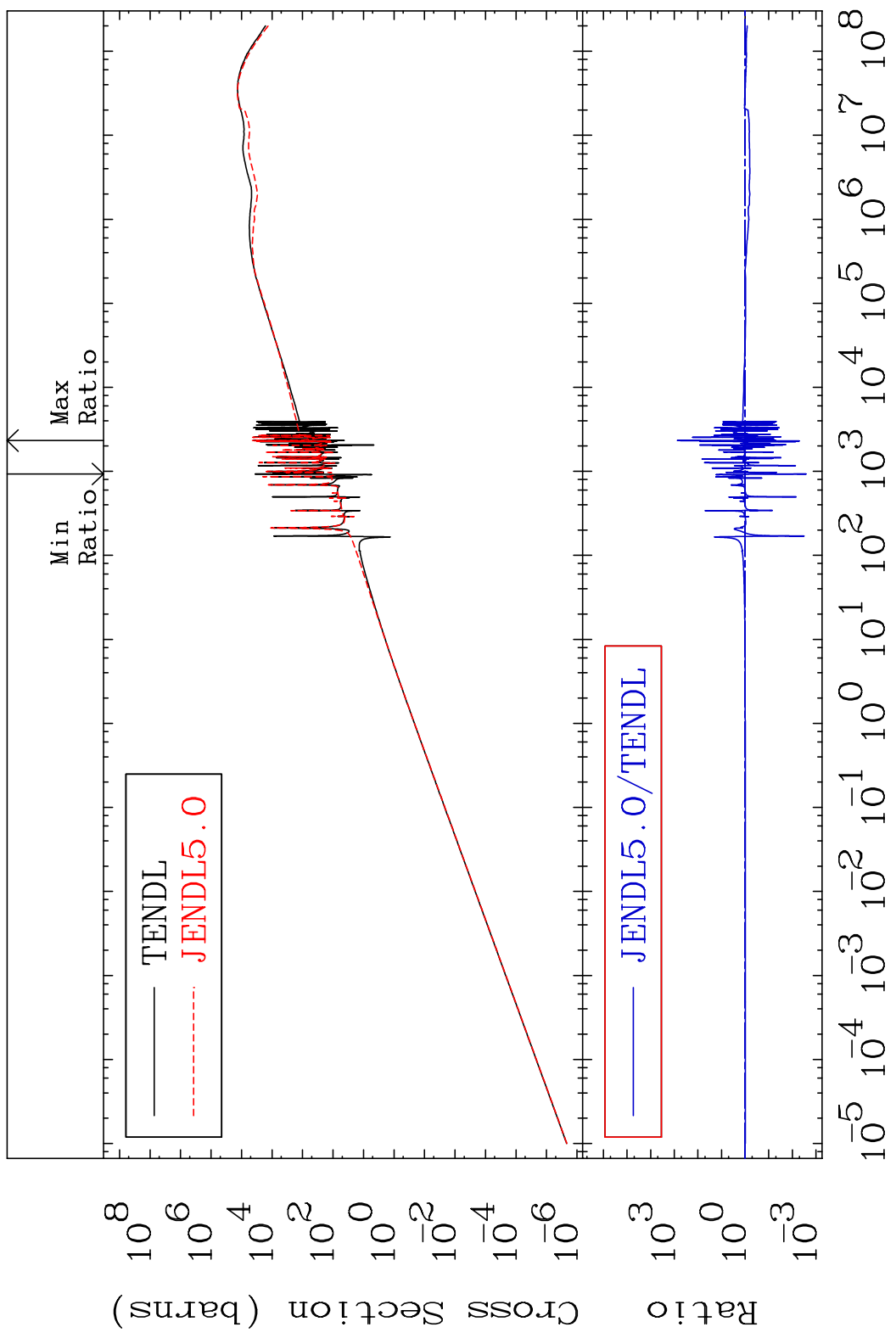
34-Se-77

MAT 3434 Kerma total (eV-barns) 34-Se-77  
 Cross Section -97.99 To 9999. %



MAT 3434

Kerma elastic Cross Section -99.75 To 9999. %  
34-Se-77

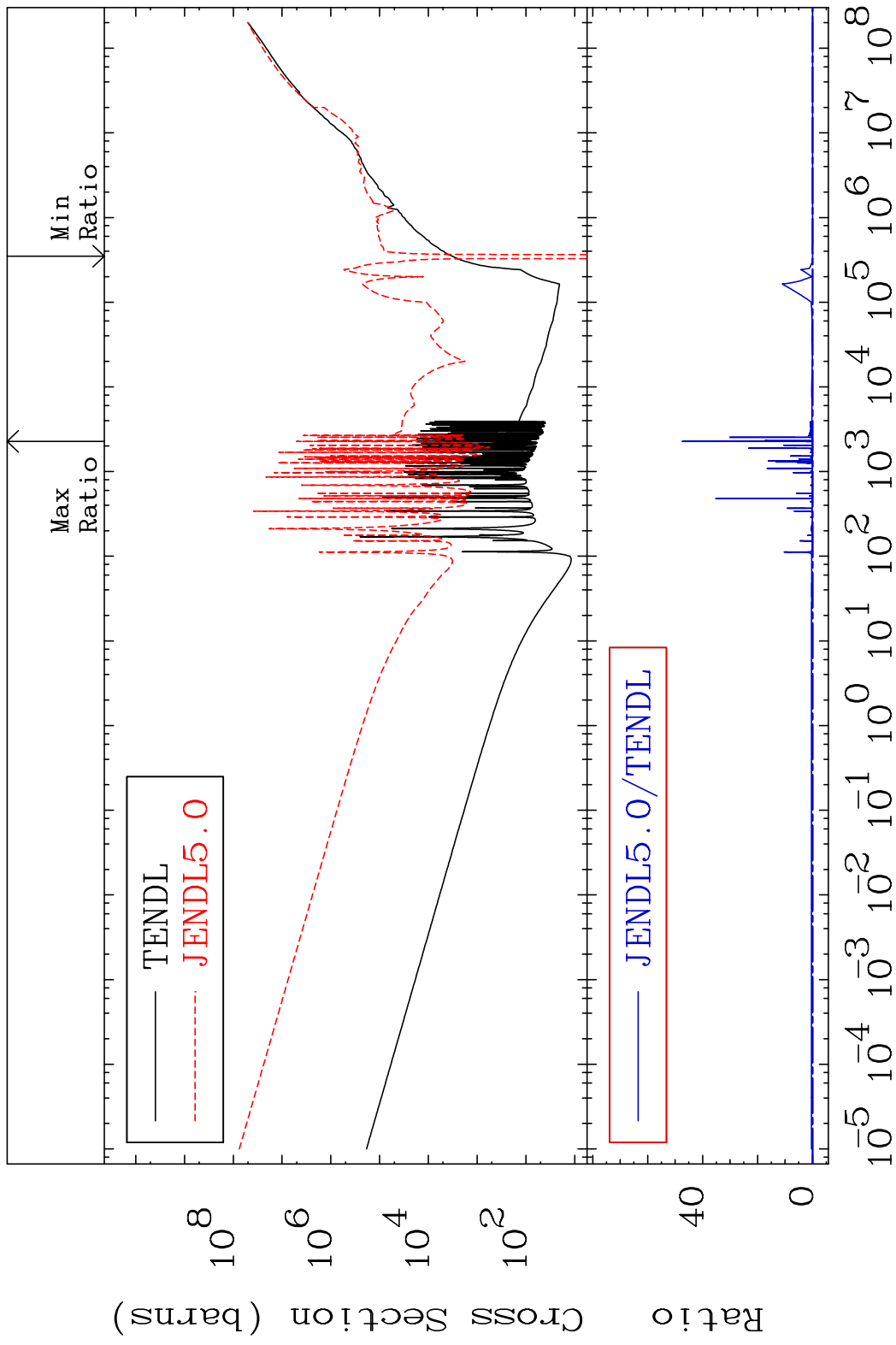


53

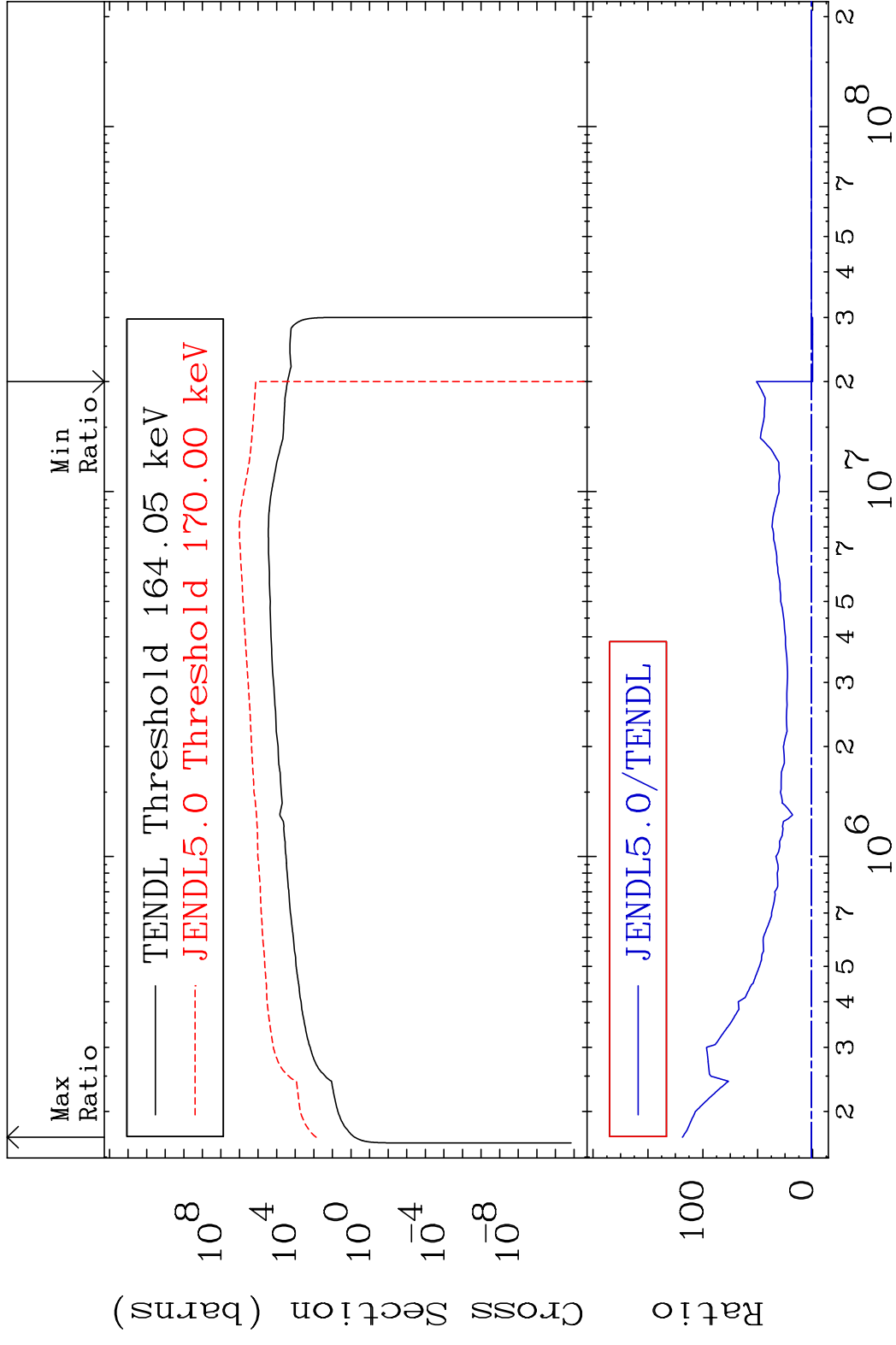
Incident Energy (eV)

34-Se-77

MAT 3434 Kerma non-elastic (all but mt2) 34-Se-77  
 Cross Section -1271. To 9999. %

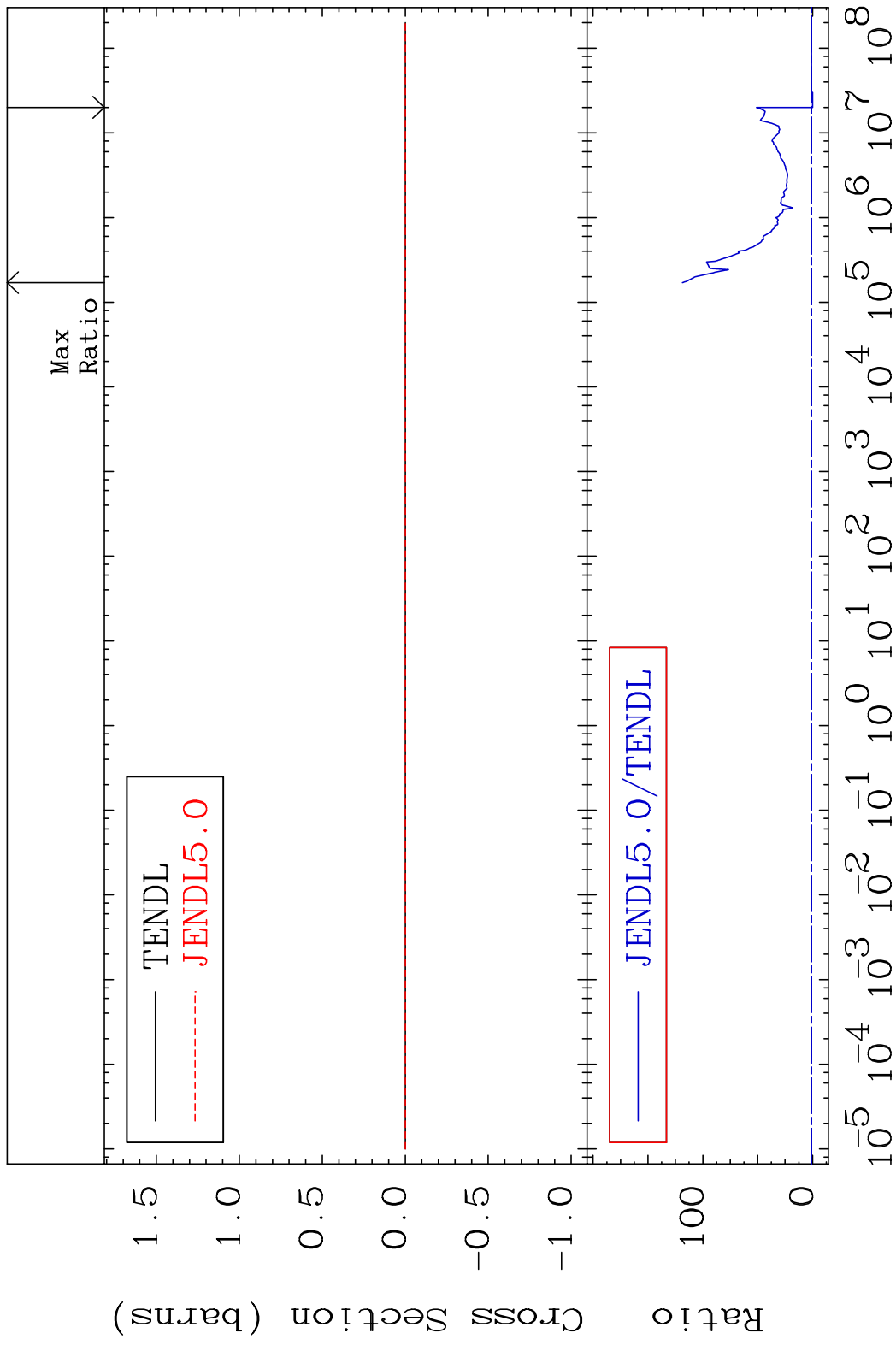


MAT 3434 Kerma inelastic (mt51-91) 34-Se-77  
 Cross Section -100.0 To 9999. %





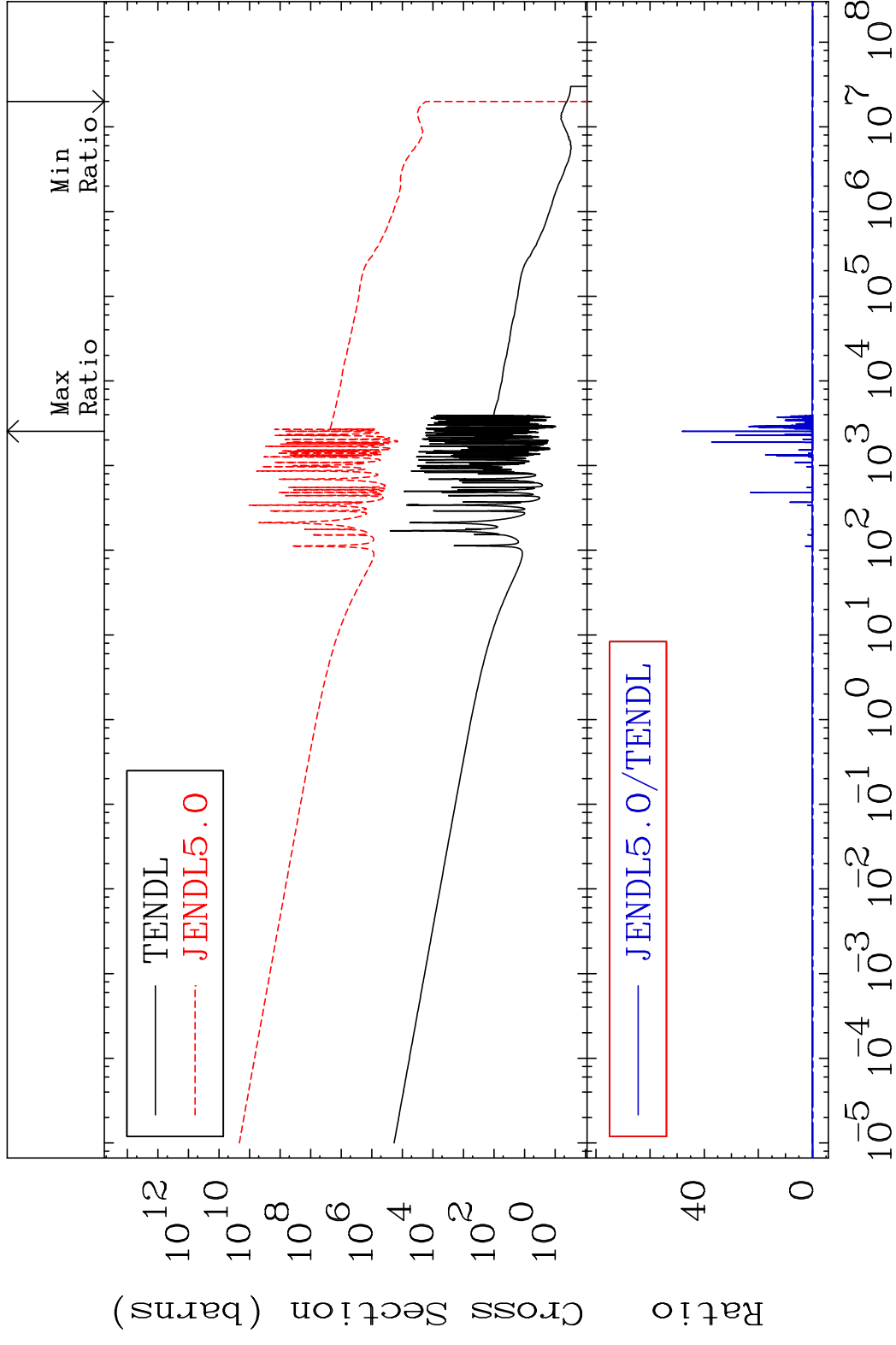
MAT 3434 Kerma fission (mt18 or mt19-20-21-38) 34-<sup>Se</sup>-77  
 Cross Section -100.0 To 9999. %



MAT 3434

Kerma capture (mt102) 34-Se-77

Cross Section -100.0 To 9999. %

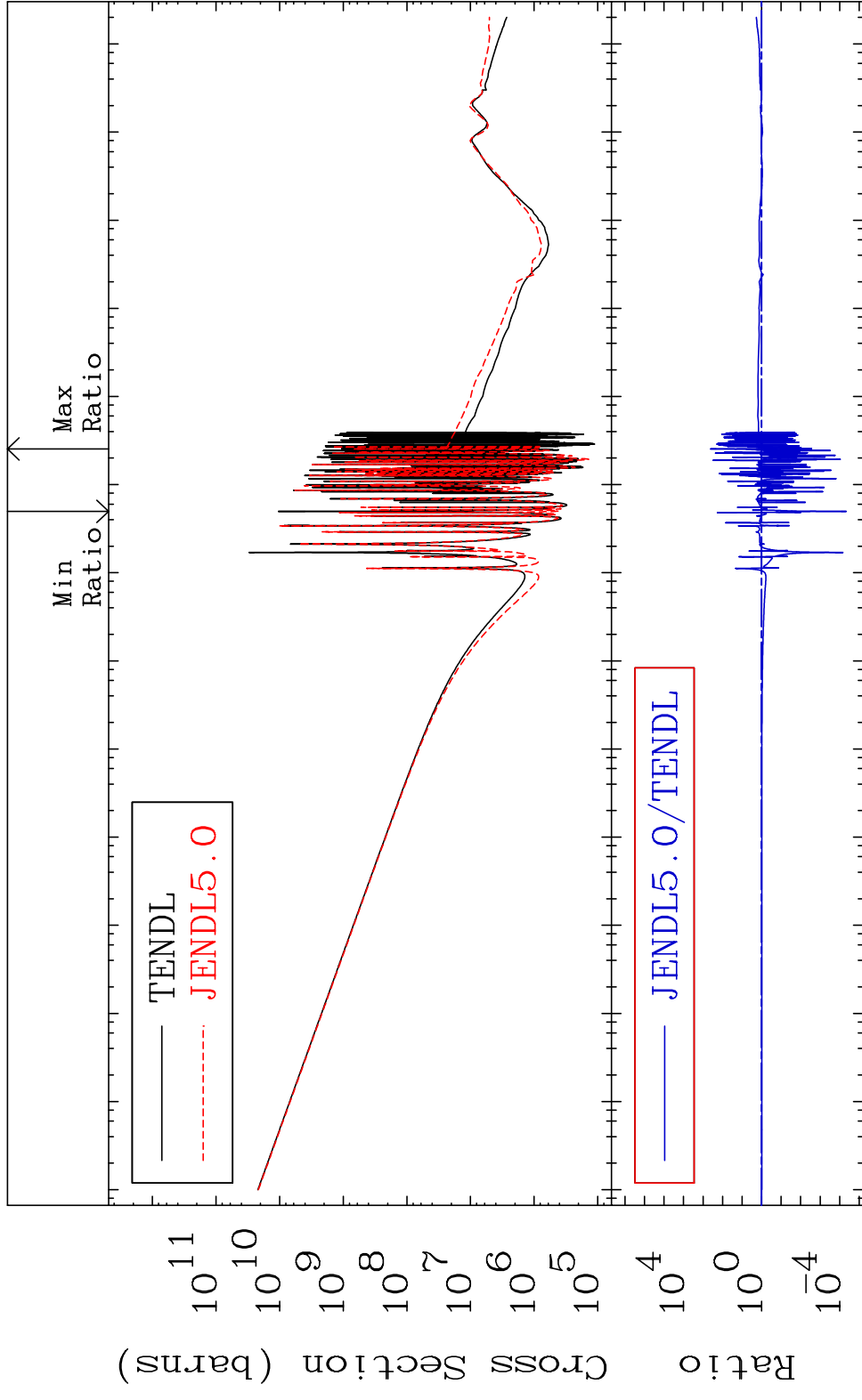


57

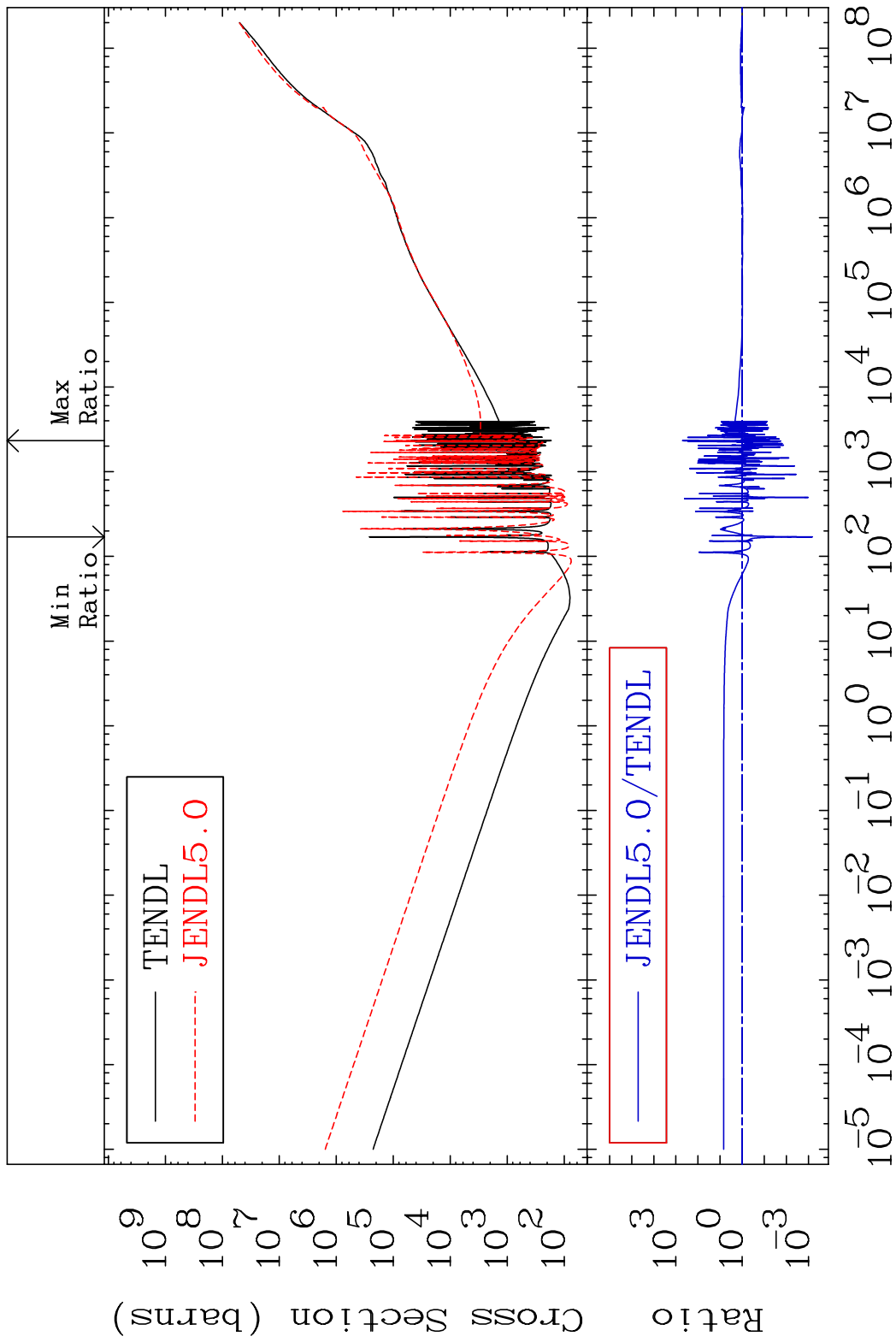
Incident Energy (eV)

34-Se-77

MAT 3434 Total photon (eV-barns) 34-Se-77  
 Cross Section -100.0 To 9999. %



MAT 3434 Total kinematic kerma (high limit) 34-Se-77  
 Cross Section -99.93 To 9999. %

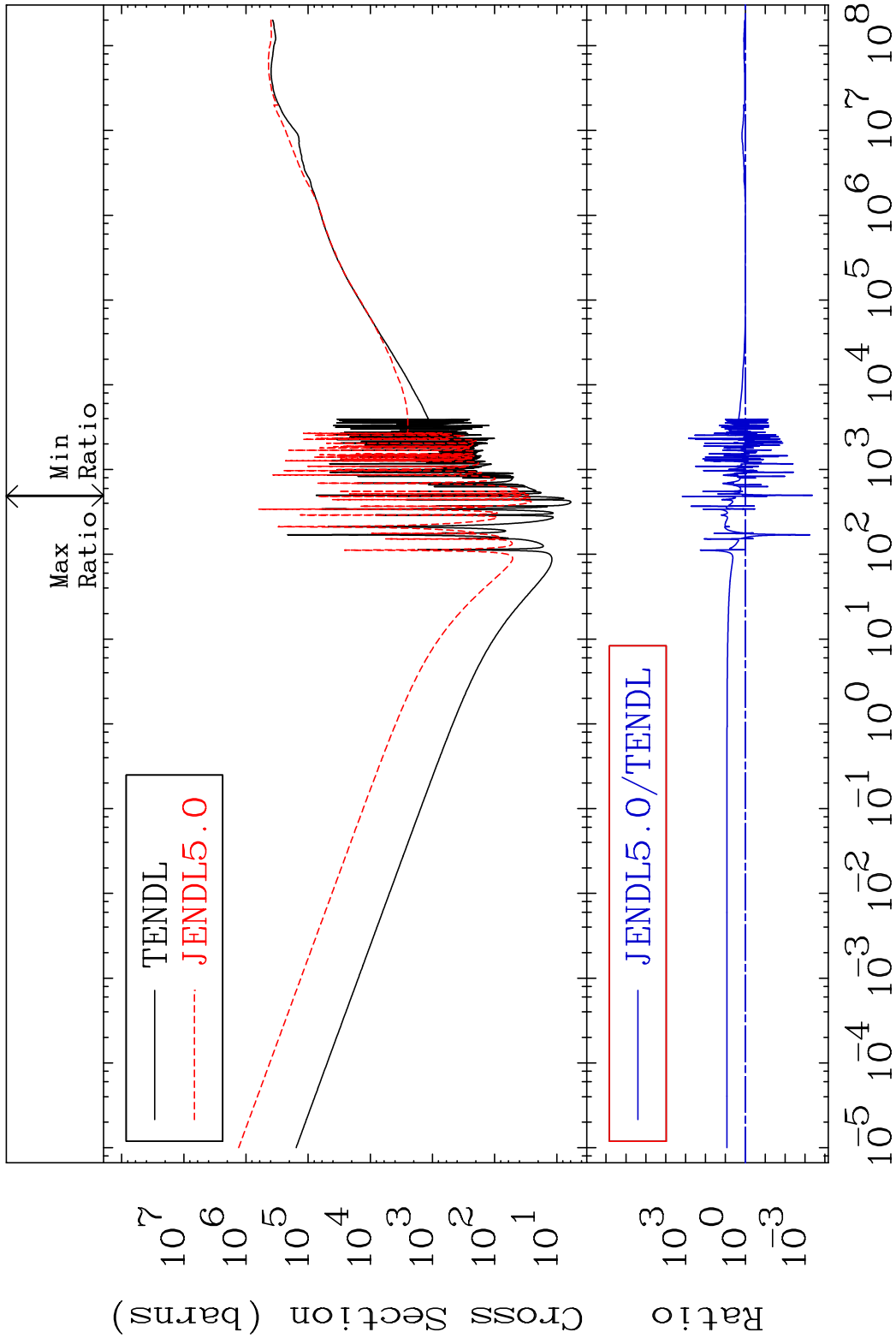


MAT 3434

Dpa total (eV-barns)

34-Se-77

Cross Section -99.96 To 9999. %



60

Incident Energy (eV)

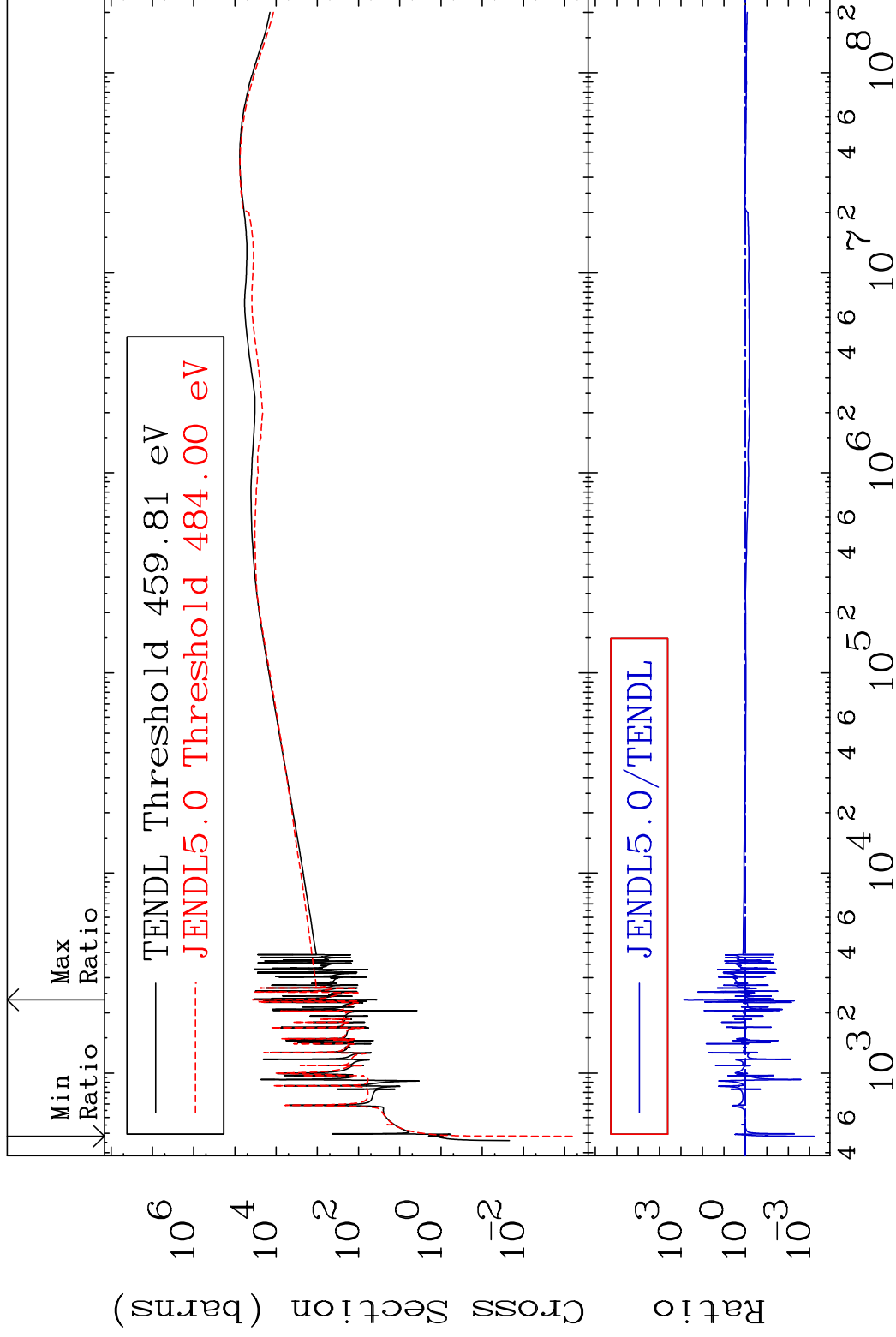
34-Se-77

MAT 3434

Dpa elastic (mt2)

34-Se-77

Cross Section -99.94 To 9999. %

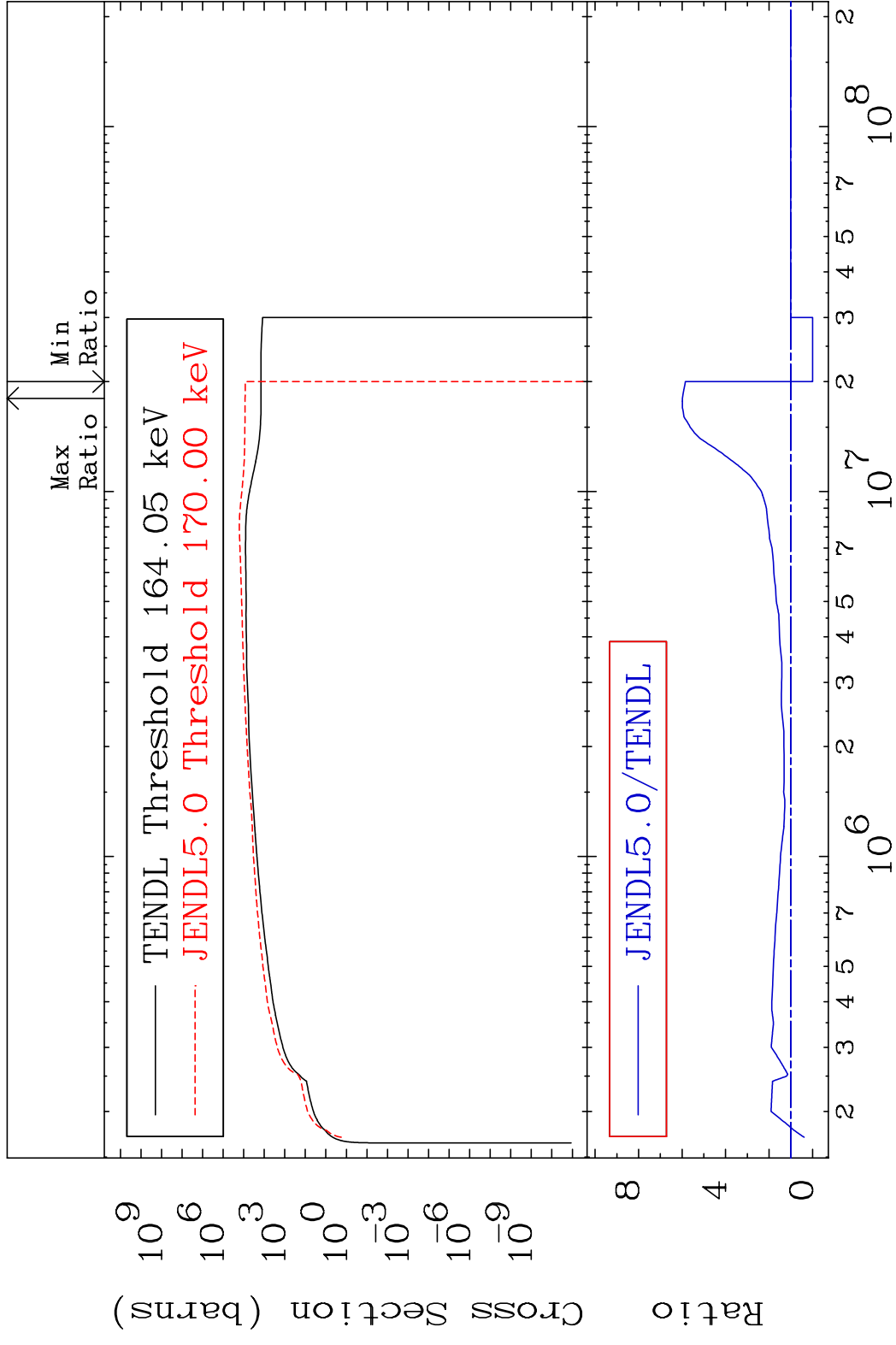


61

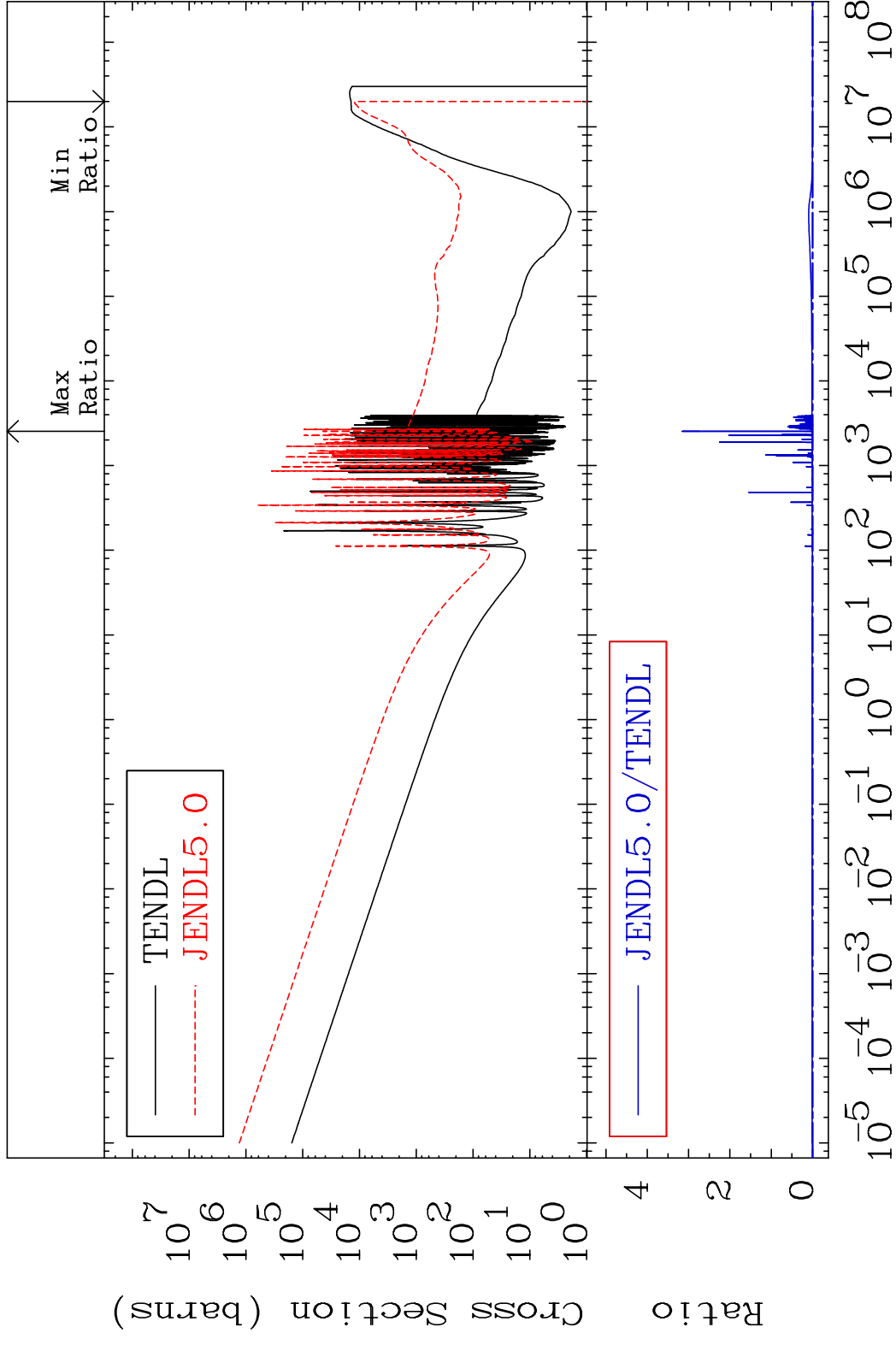
Incident Energy (eV)

34-Se-77

MAT 3434 Dpa inelastic (mt51-91) 34-Se-77  
 Cross Section -100.0 To 498.9 %



MAT 3434 Dpa disappearance (mt102 -120) 34-Se-77  
 Cross Section -100.0 To 9999. %



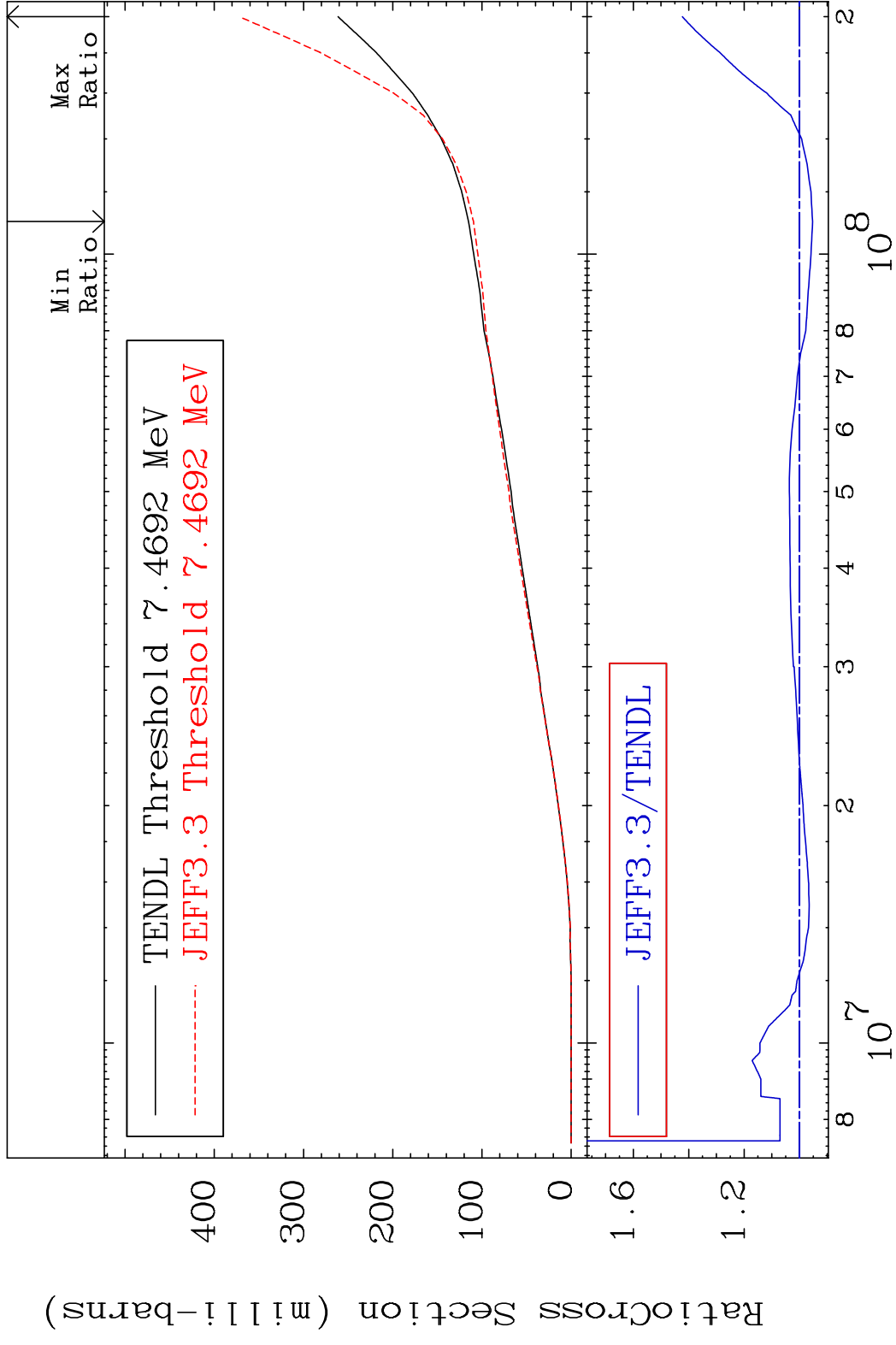


MAT 3434

Deuterium Production

34-Se-77

Cross Section -4.718 To 42.30 %



64

Incident Energy (eV)

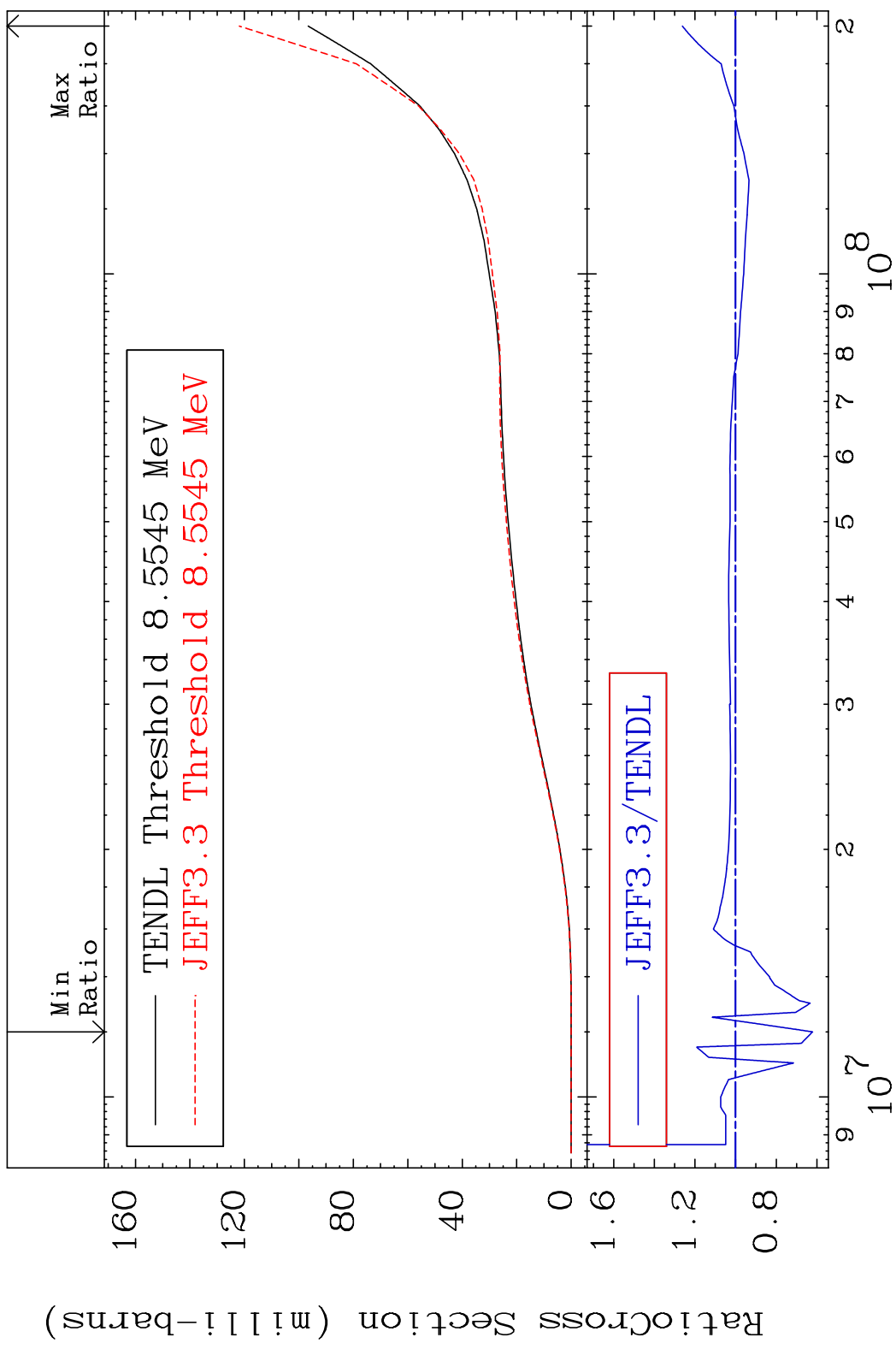
34-Se-77

MAT 3434

Tritium Production

34-Se-77

Cross Section -37.87 To 26.21 %

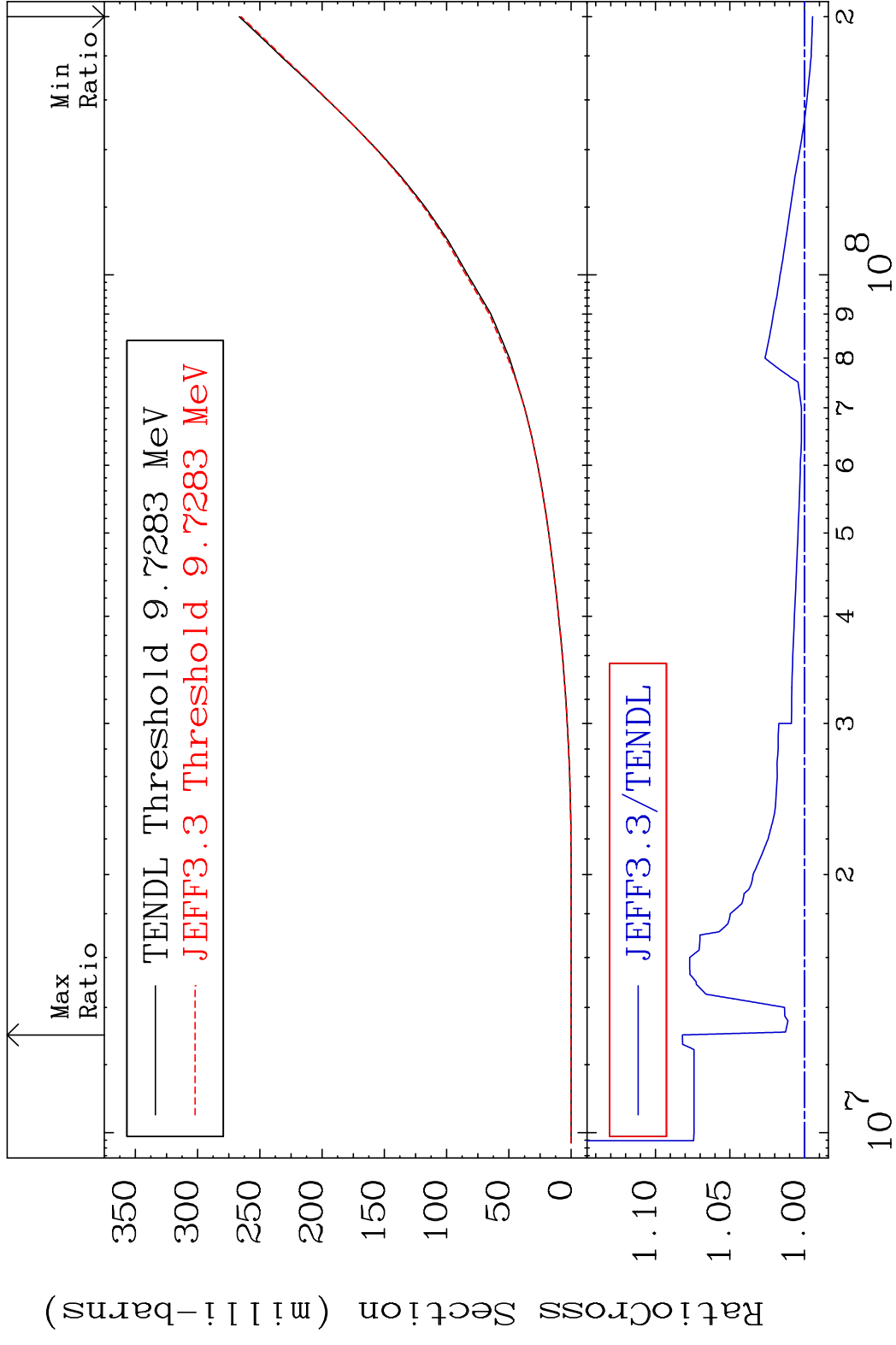


MAT 3434

He-3 Production

34-Se-77

Cross Section -0.542 To 8.192 %



66

Incident Energy (eV)

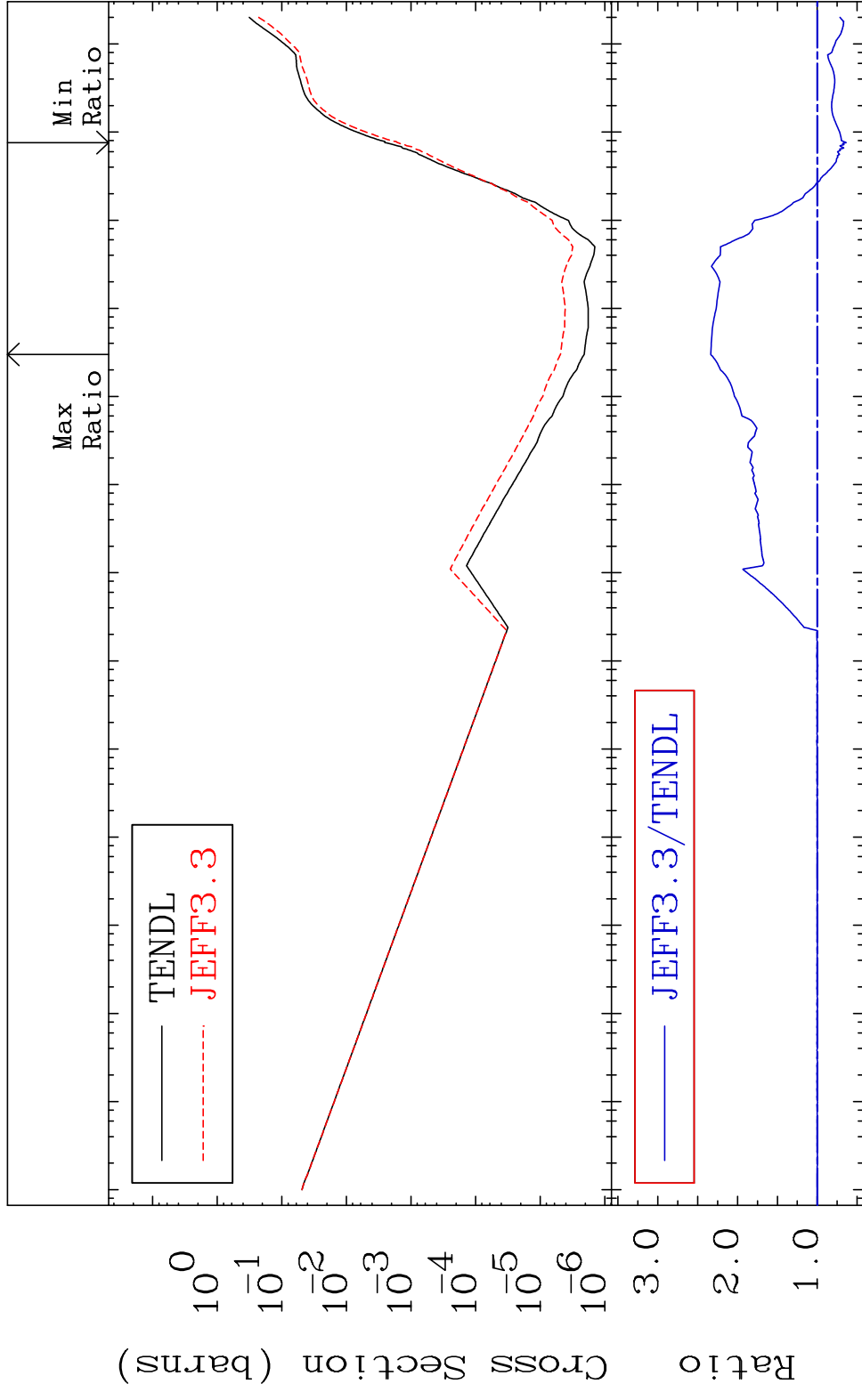
34-Se-77

MAT 3434

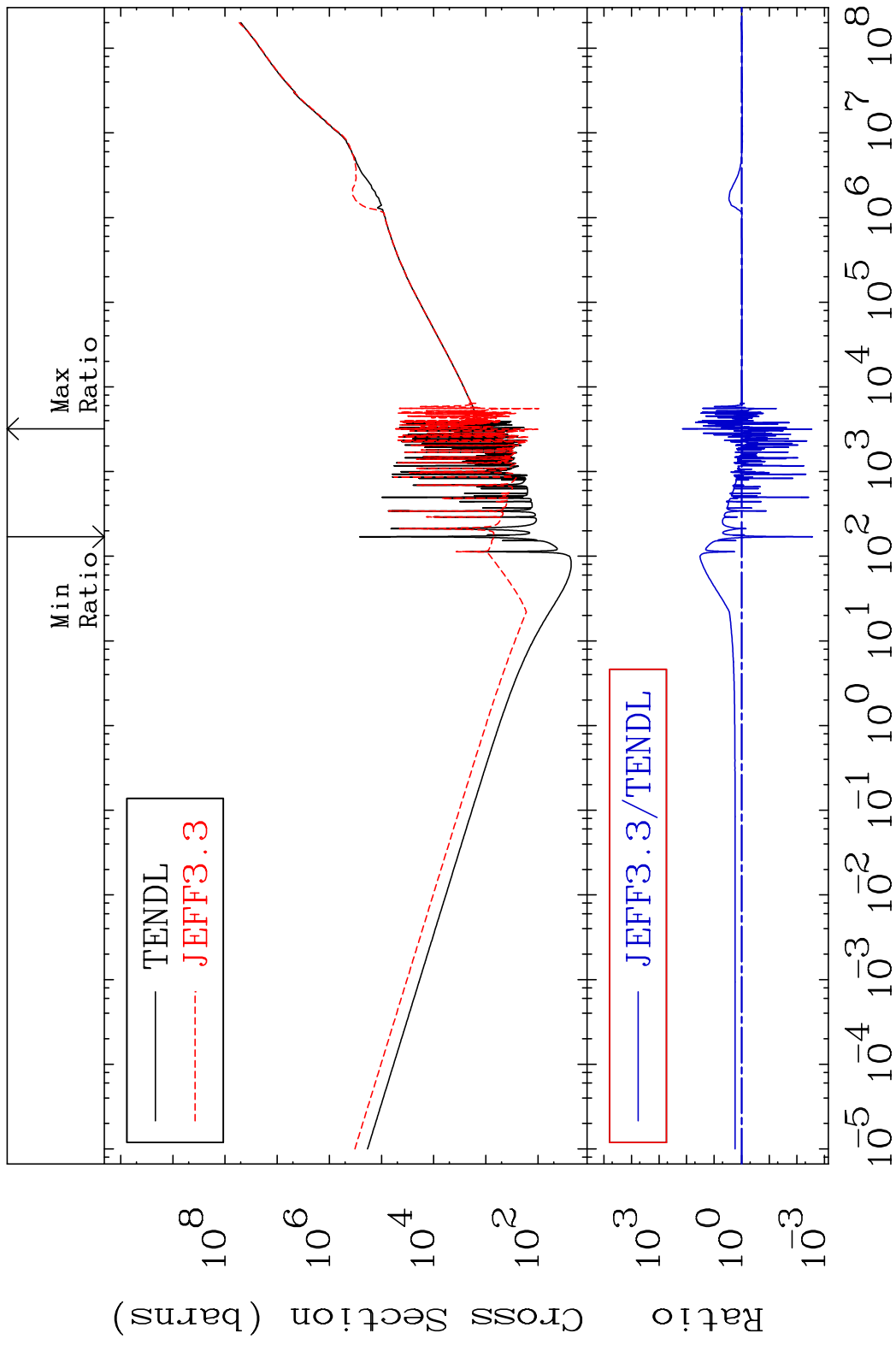
He-4 Production

34-Se-77

Cross Section -36.41 To 133.6 %



MAT 3434 Kerma total (eV-barns) 34-Se-77  
 Cross Section -99.73 To 9999. %

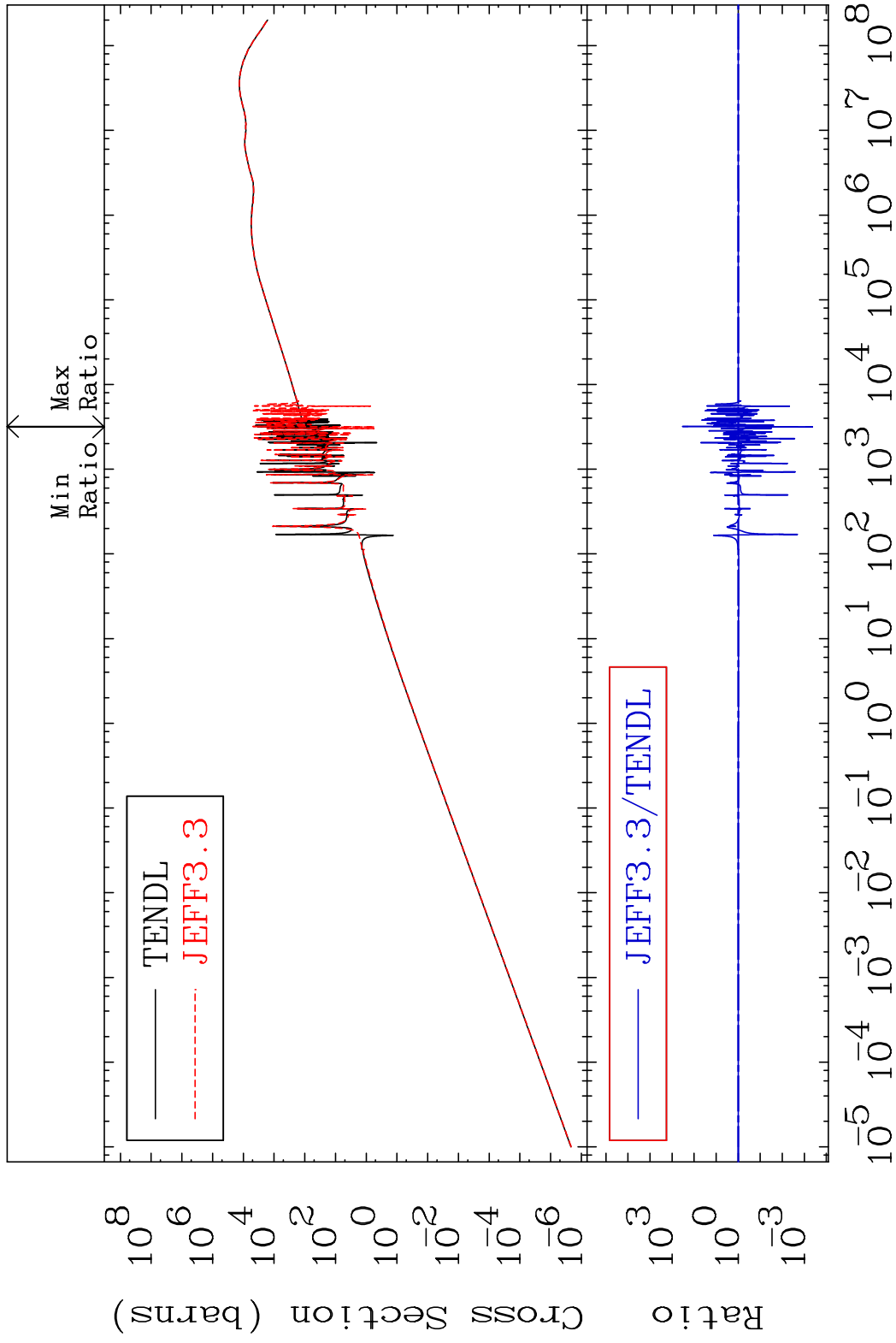


MAT 3434

Kerma elastic

34-Se-77

Cross Section -99.96 To 9999. %

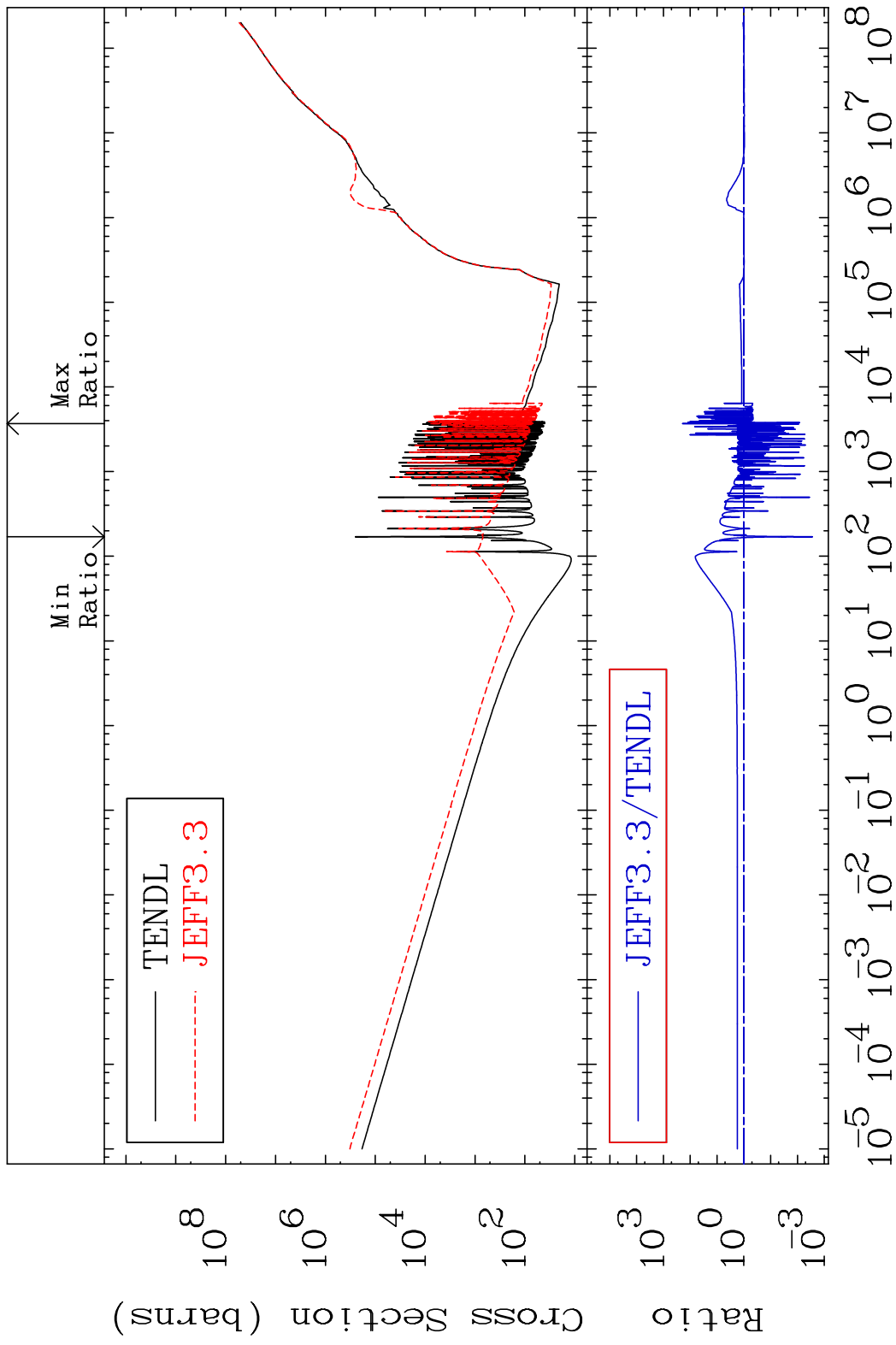


69

Incident Energy (eV)

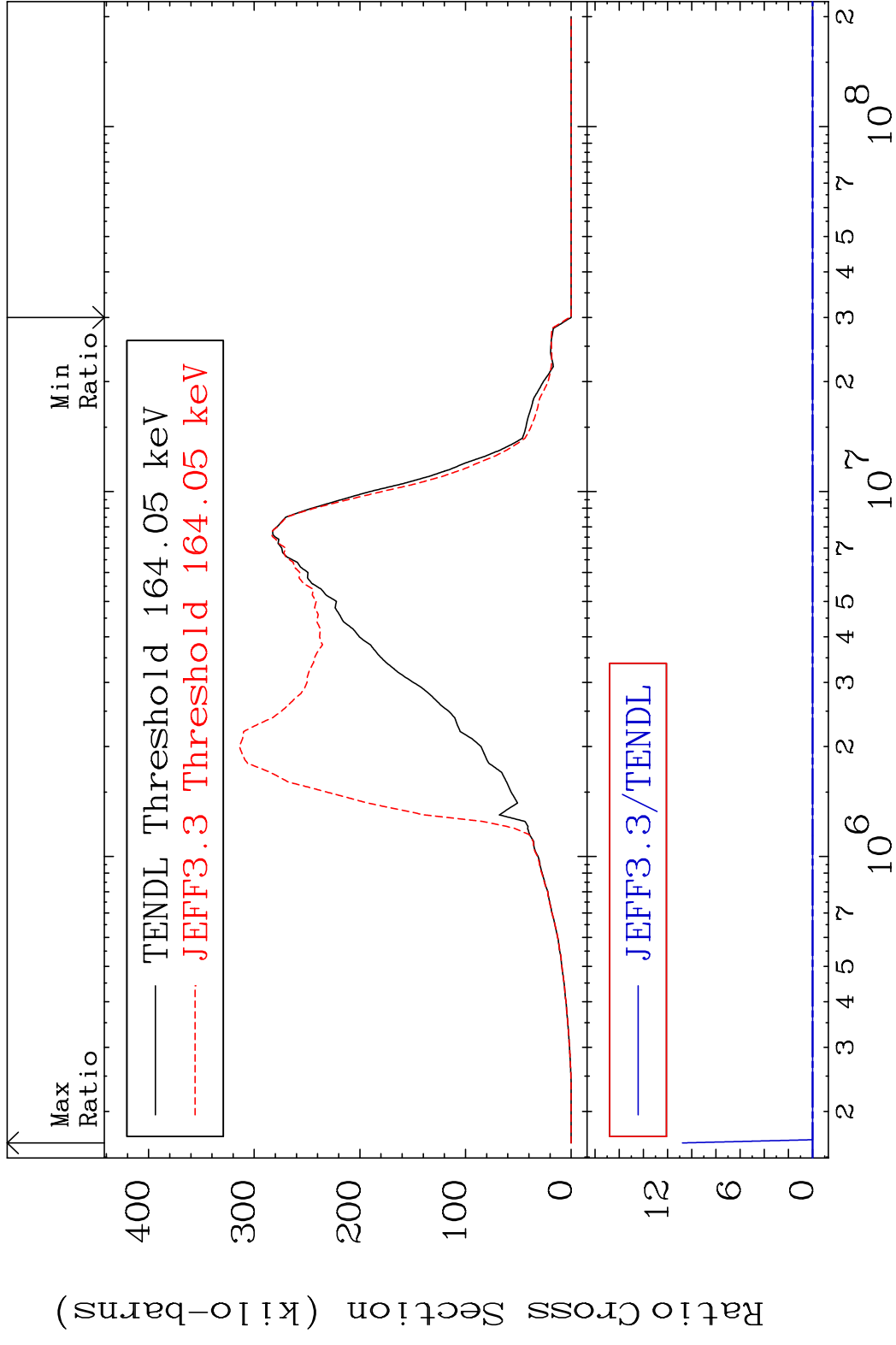
34-Se-77

MAT 3434 Kerma non-elastic (all but mt2) 34-Se-77  
Cross Section -99.73 To 9999. %



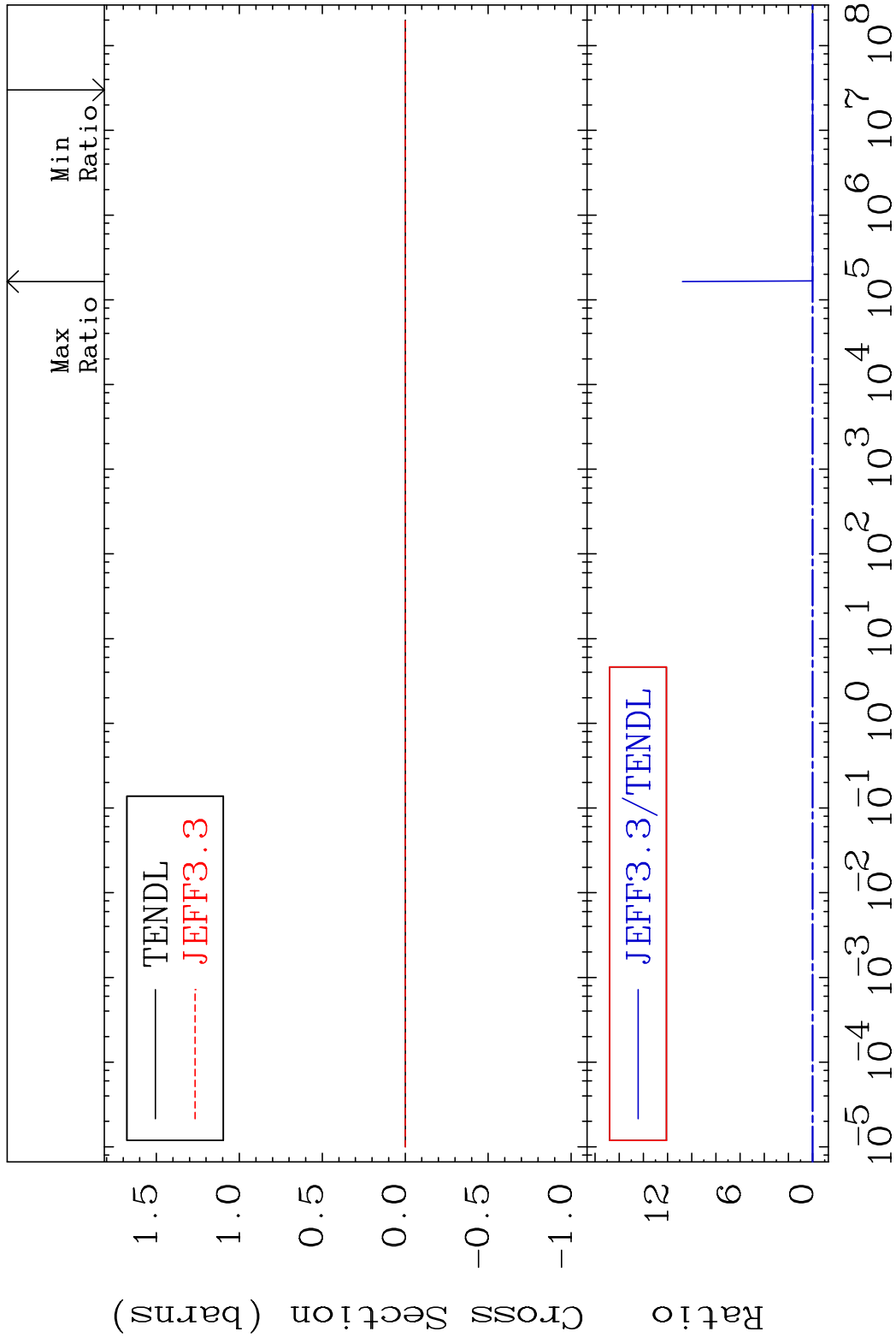
70 Incident Energy (eV) 34-Se-77

MAT 3434 Kerma inelastic (mt51-91) 34-Se-77  
 Cross Section -4327. To 9999. %



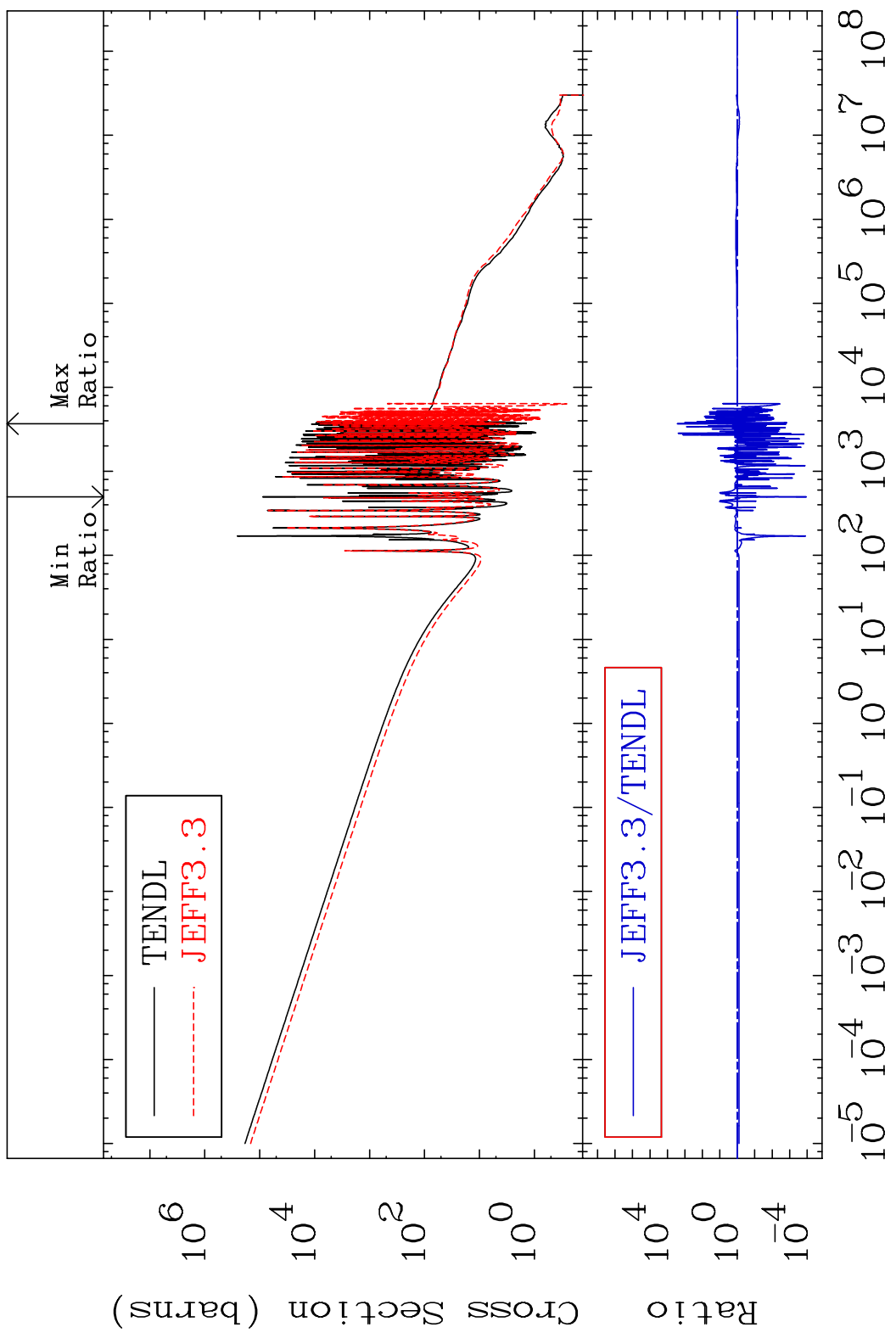


MAT 3434 Kerma fission (mt18 or mt19-20-21-38) 34-Se-77  
 Cross Section -4327. To 9999. %



MAT 3434

Kerma capture (mt102) 34-Se-77  
Cross Section -99.99 To 9999. %



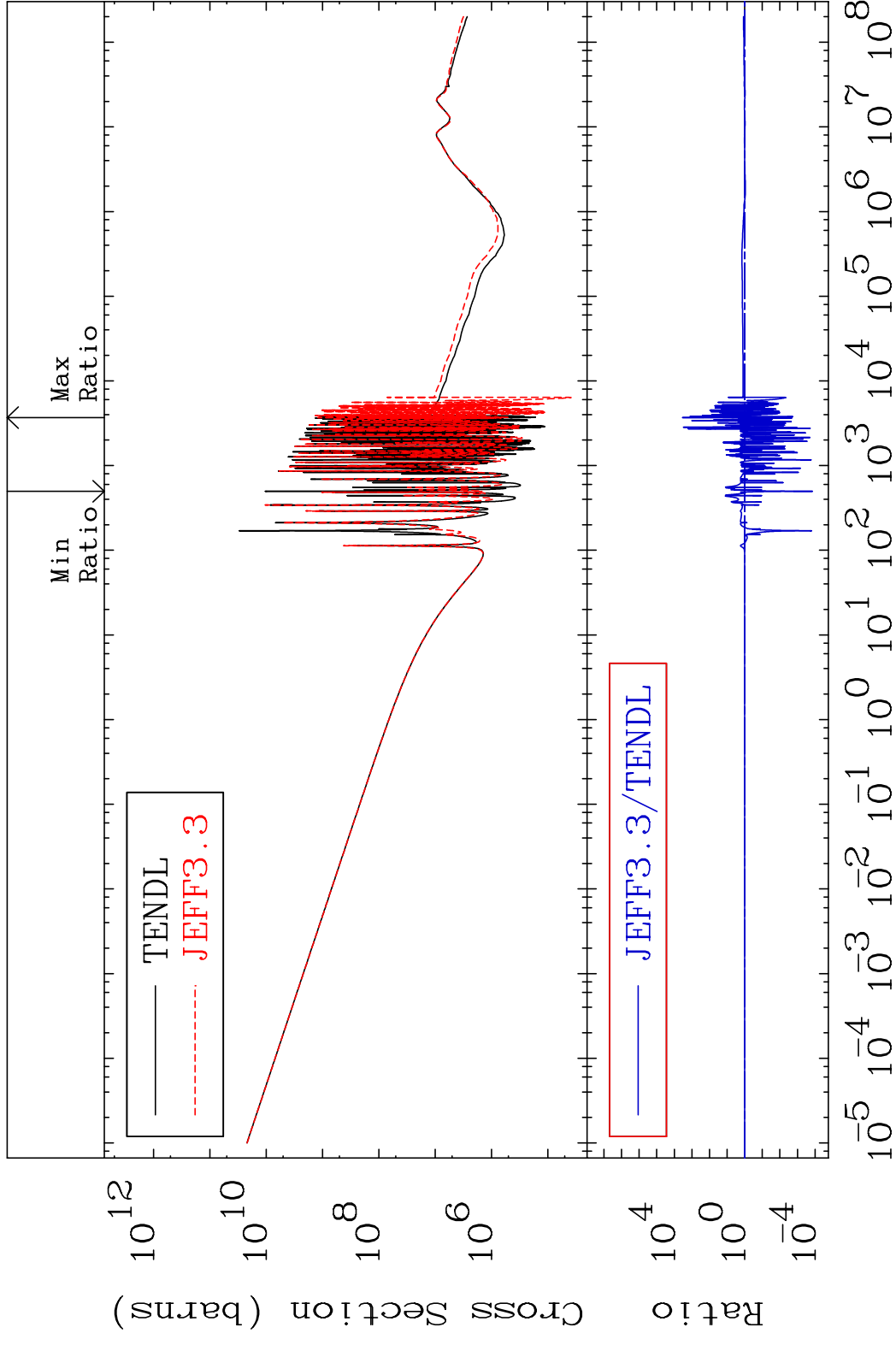
73

Incident Energy (eV)

34-Se-77

MAT 3434

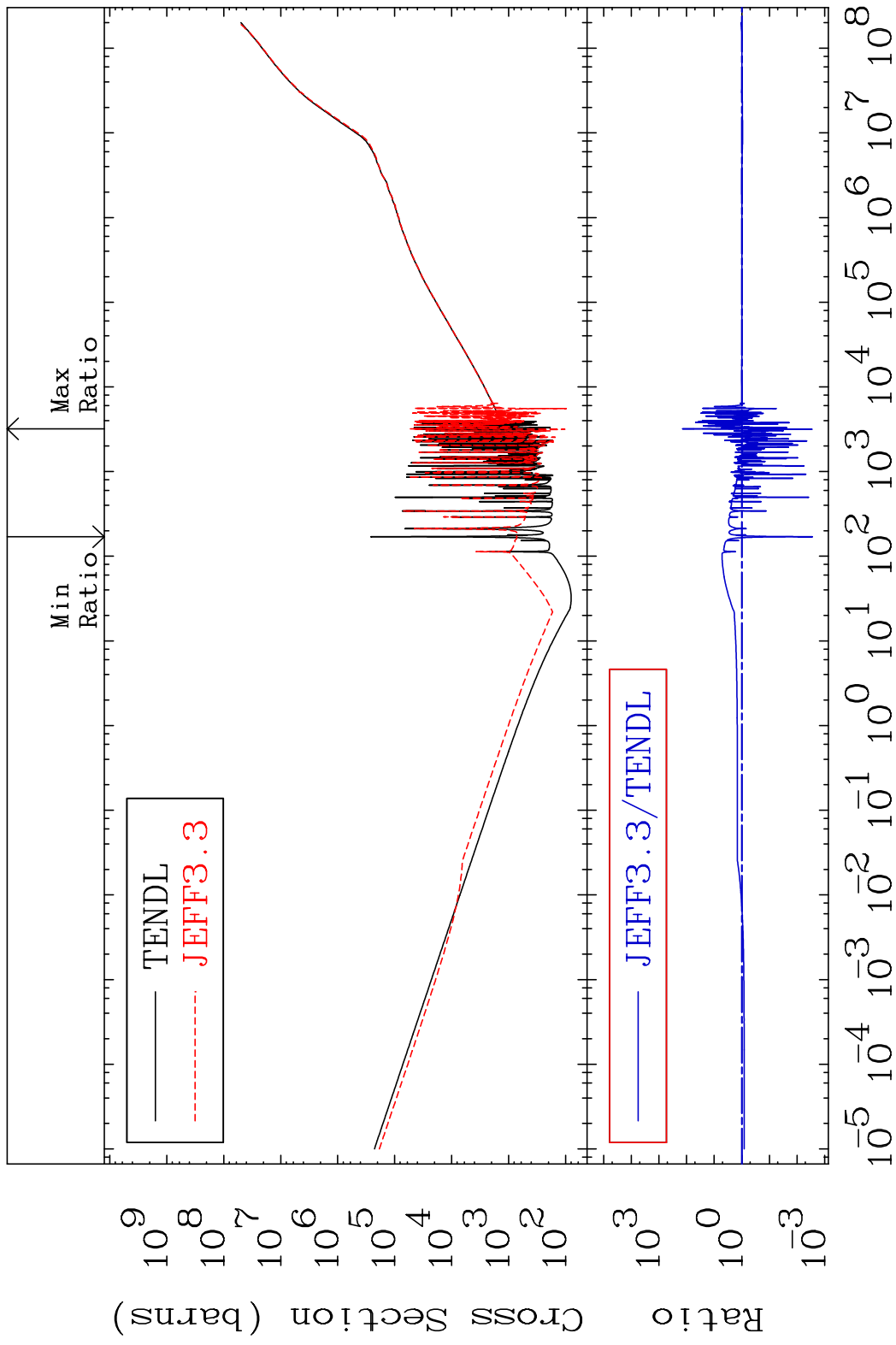
Total photon (eV-barns) 34-Se-77  
Cross Section -99.99 To 9999. %



74

Incident Energy (eV) 34-Se-77

MAT 3434 Total kinematic kerma (high limit) 34-Se-77  
 Cross Section -99.73 To 9999. %

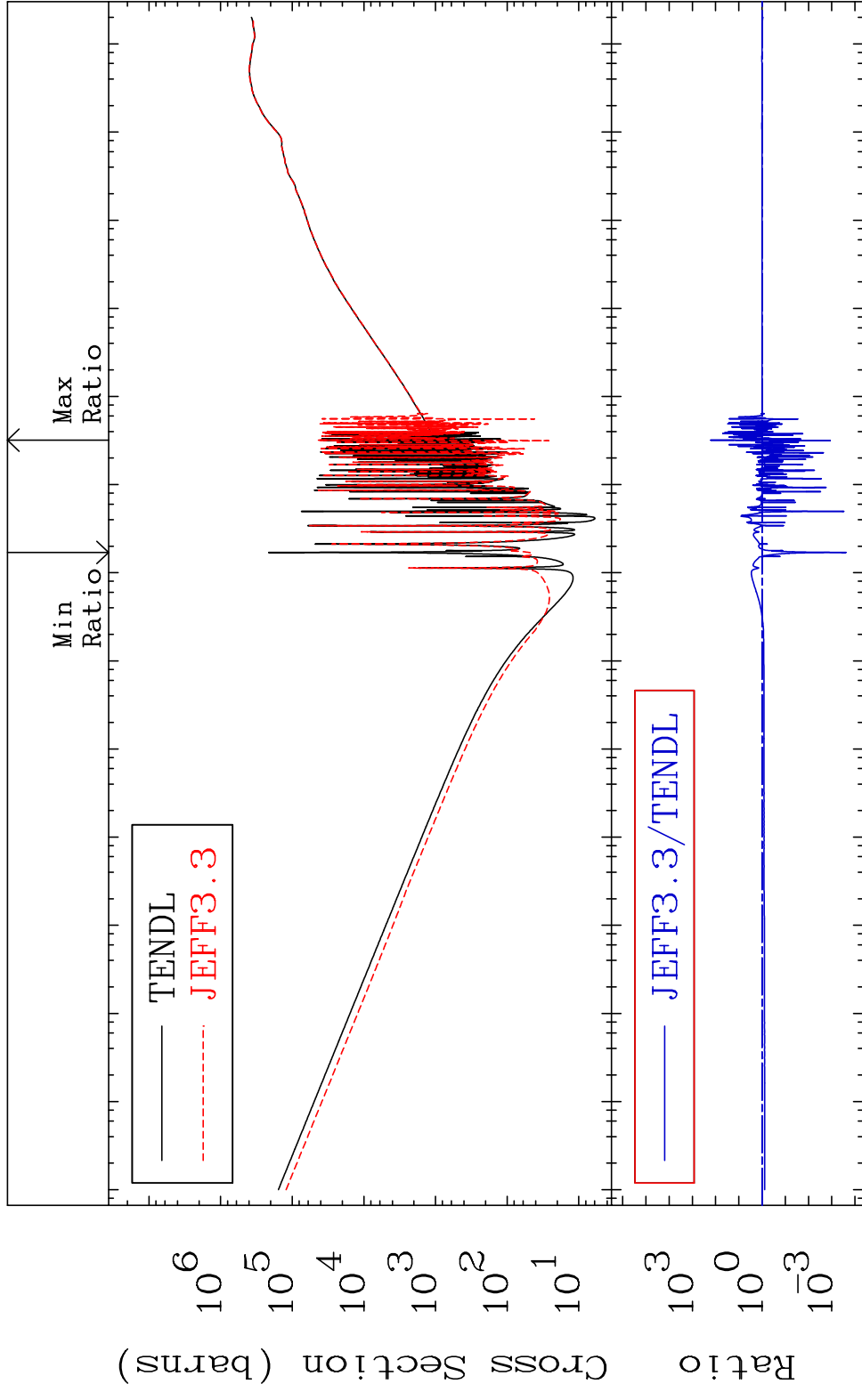


MAT 3434

Dpa total (eV-barns)

34-Se-77

Cross Section -99.98 To 9999. %



76

Incident Energy (eV)

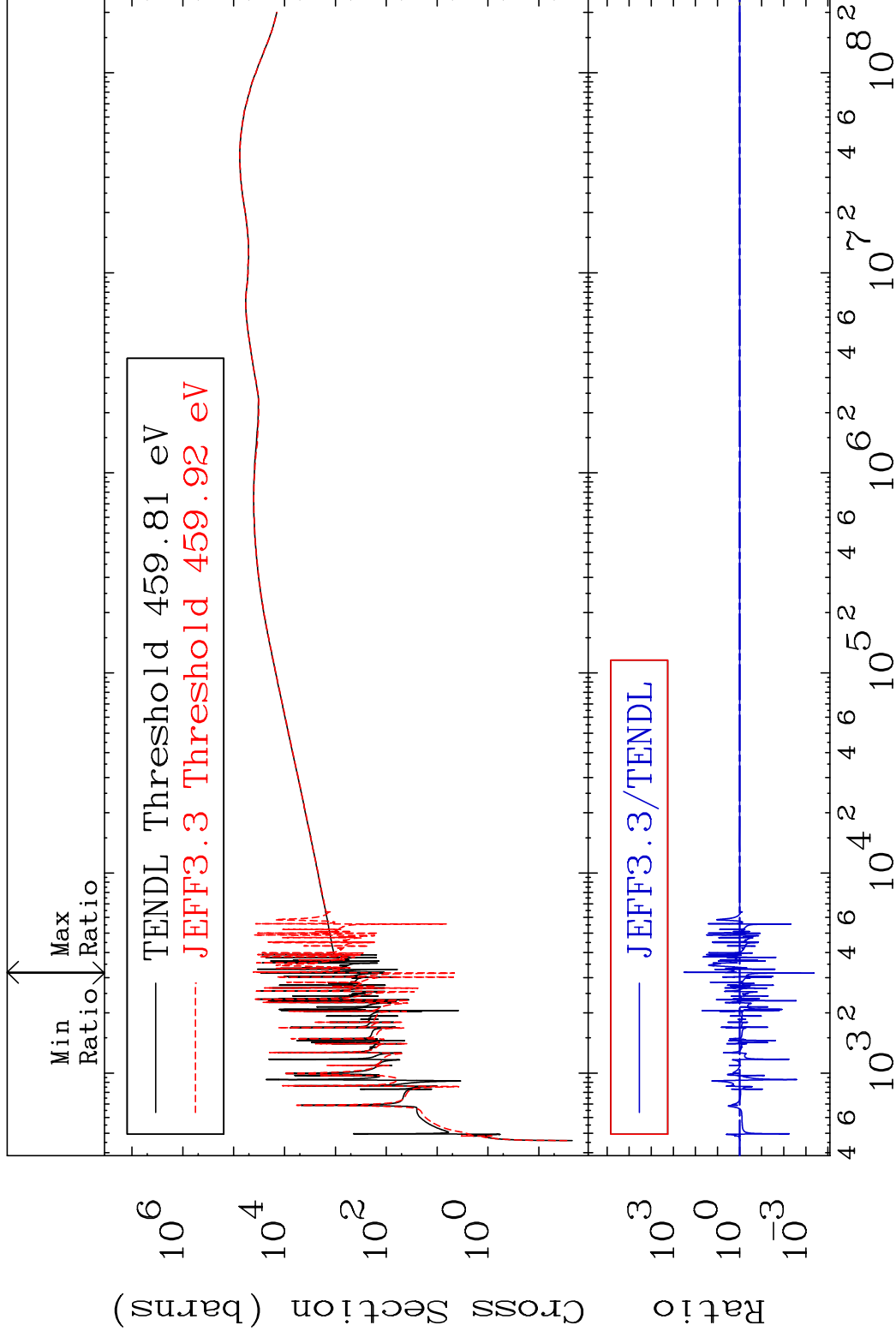
34-Se-77

MAT 3434

Dpa elastic (mt2)

34-Se-77

Cross Section -99.96 To 9999. %

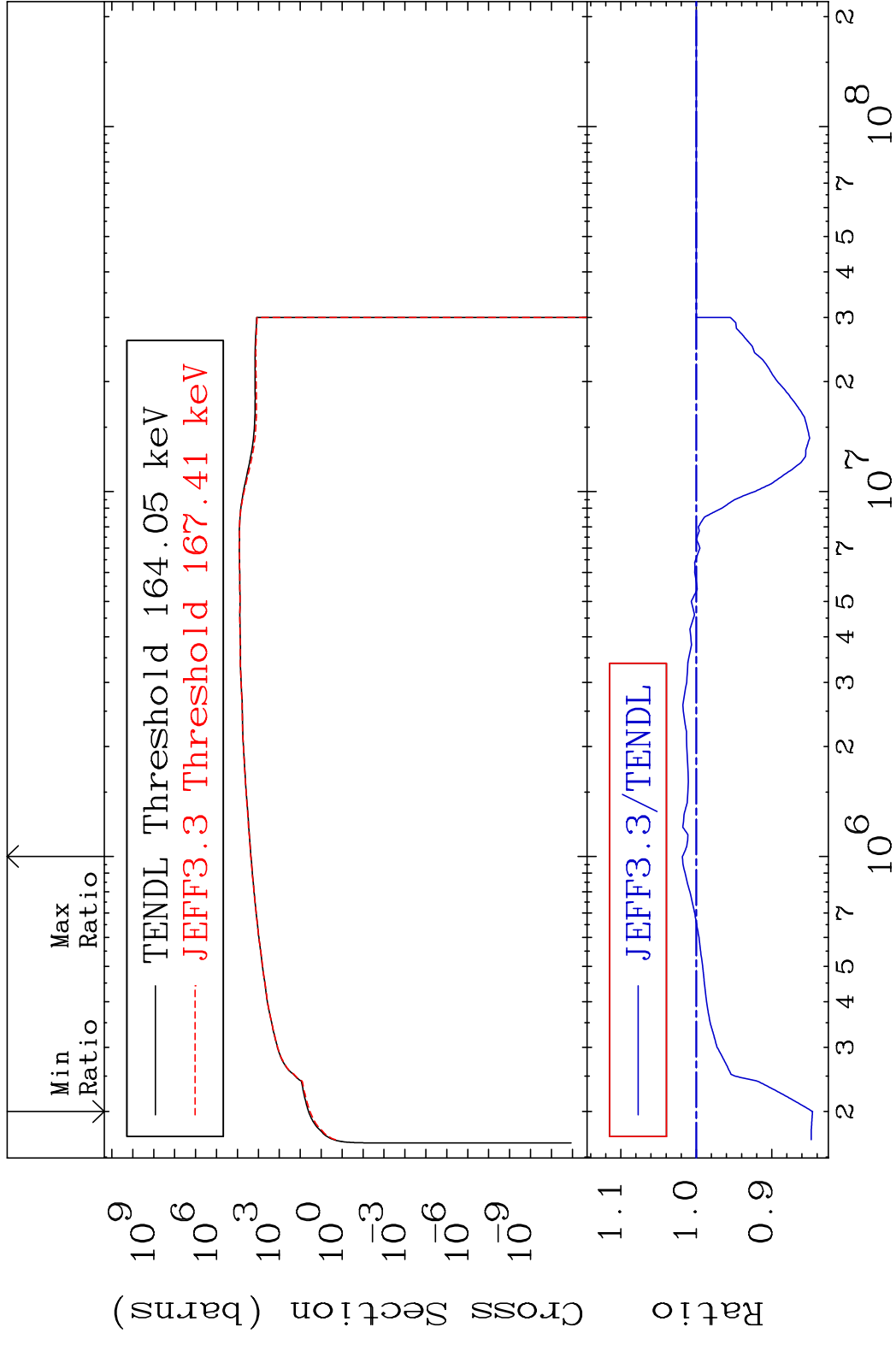


77

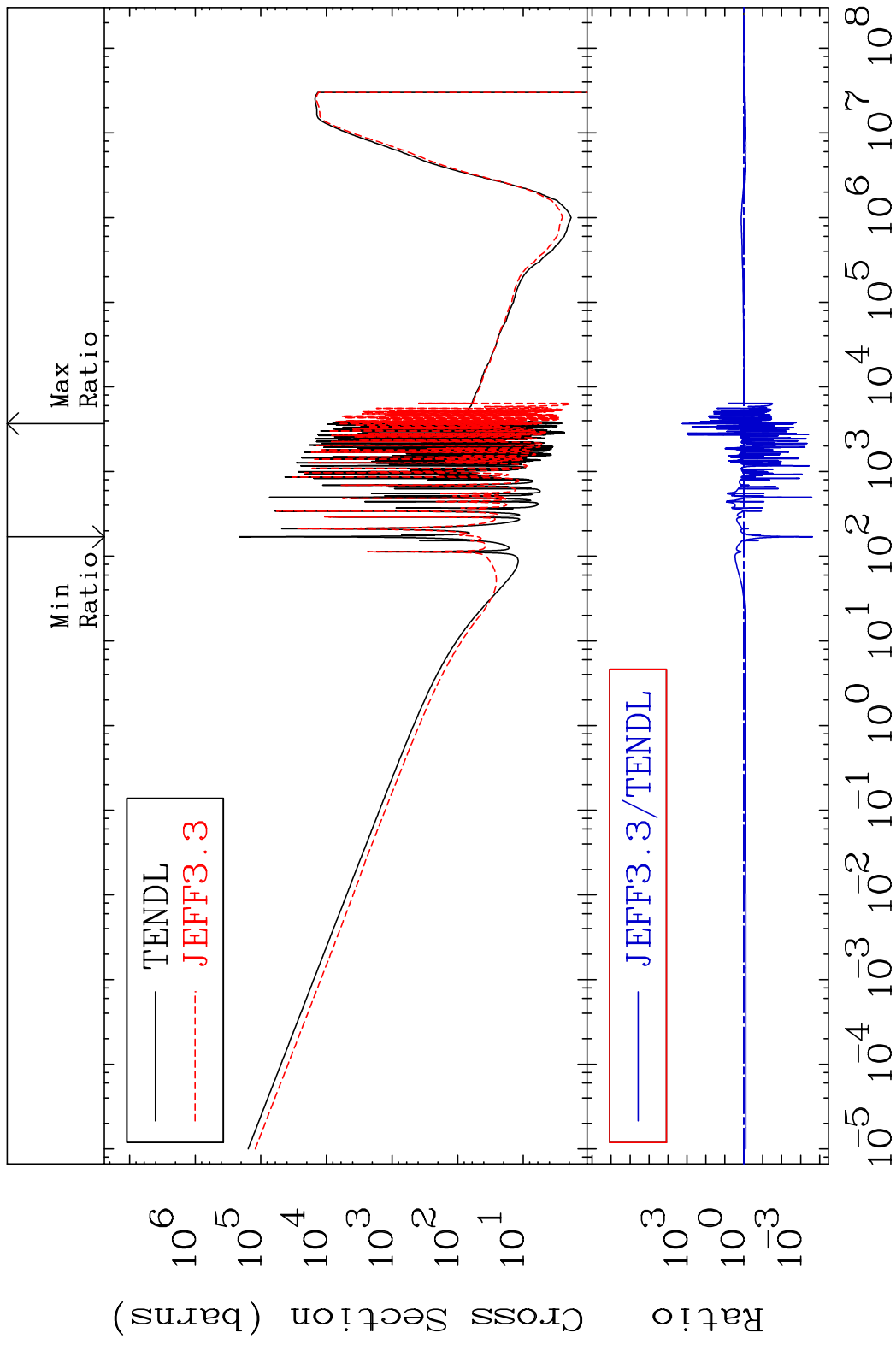
Incident Energy (eV)

34-Se-77

MAT 3434      Dpa inelastic (mt51-91)      34-Se-77  
 Cross Section      -15.40 To 1.848 %

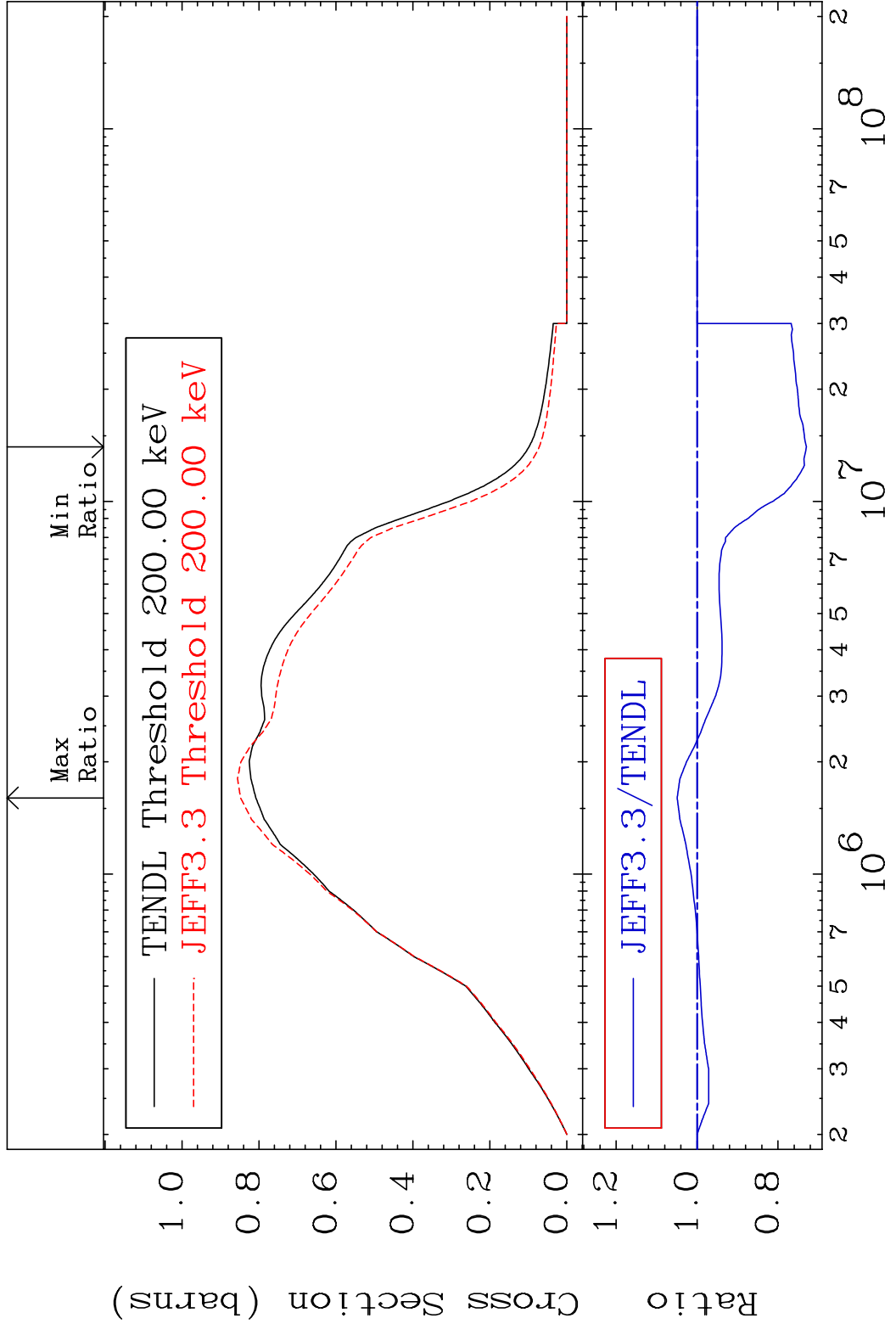


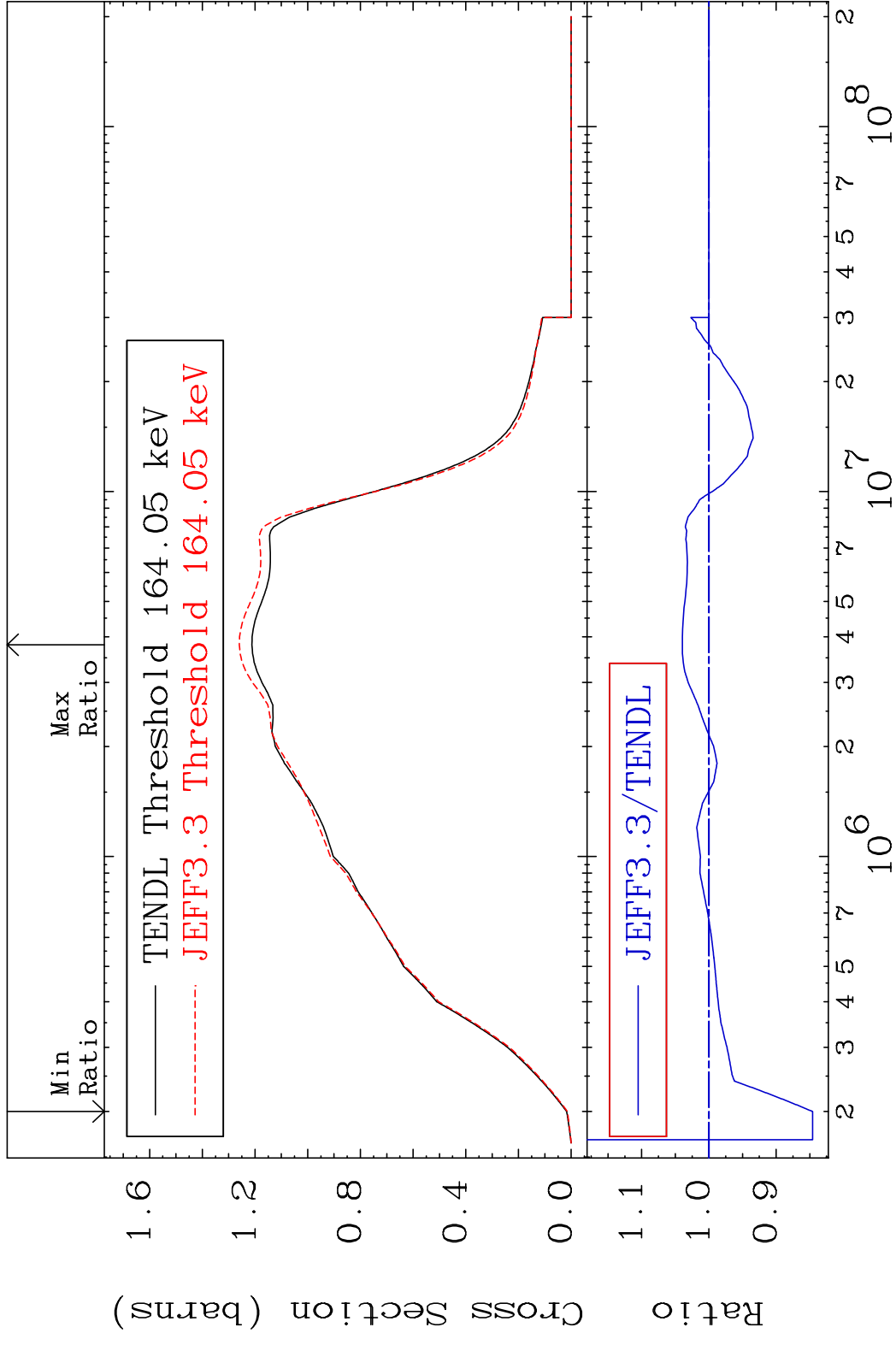
MAT 3434 Dpa disappearance (mt102 -120) 34-Se-77  
 Cross Section -99.98 To 9999. %

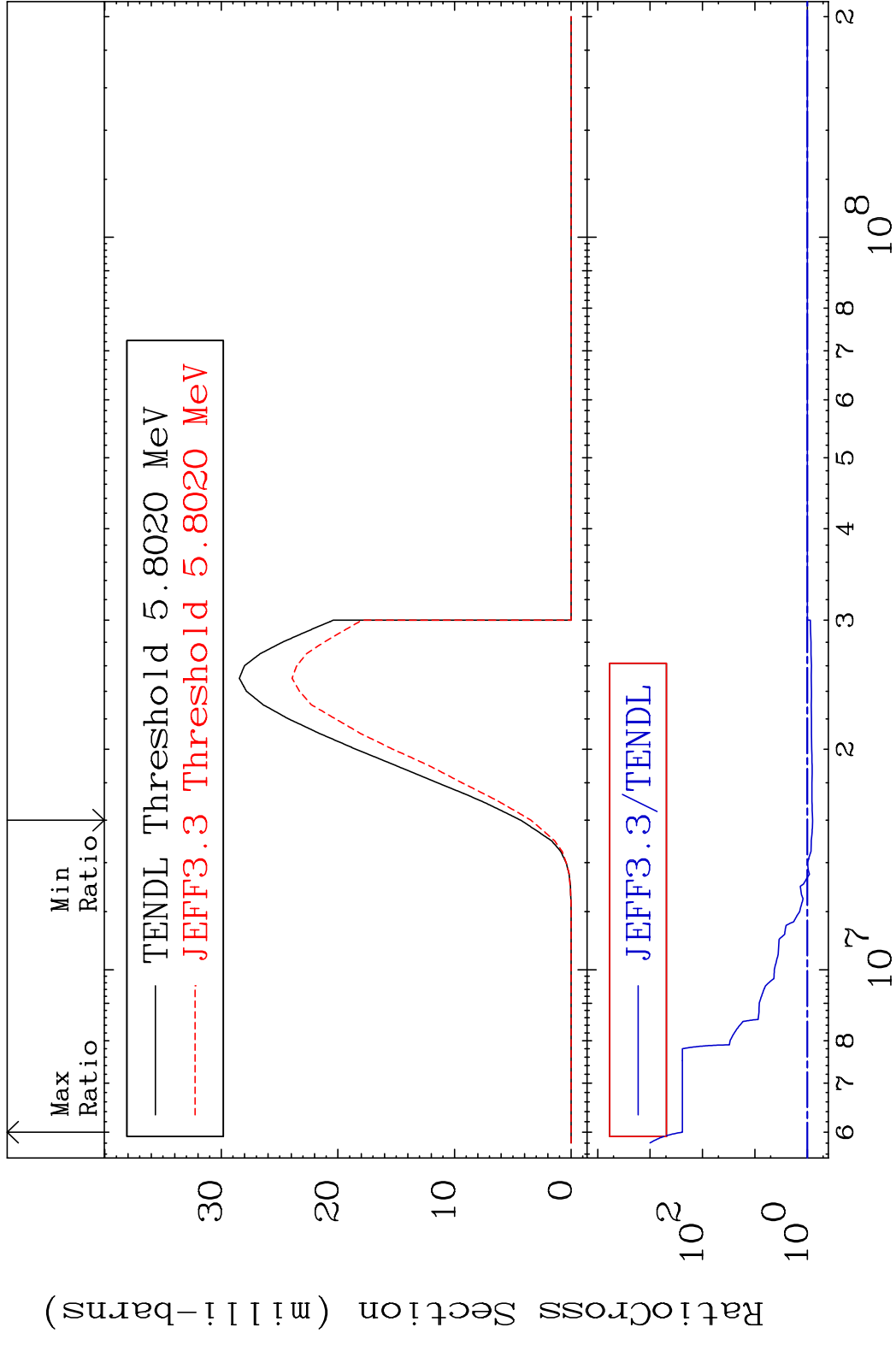


79 Incident Energy (eV) 34-Se-77

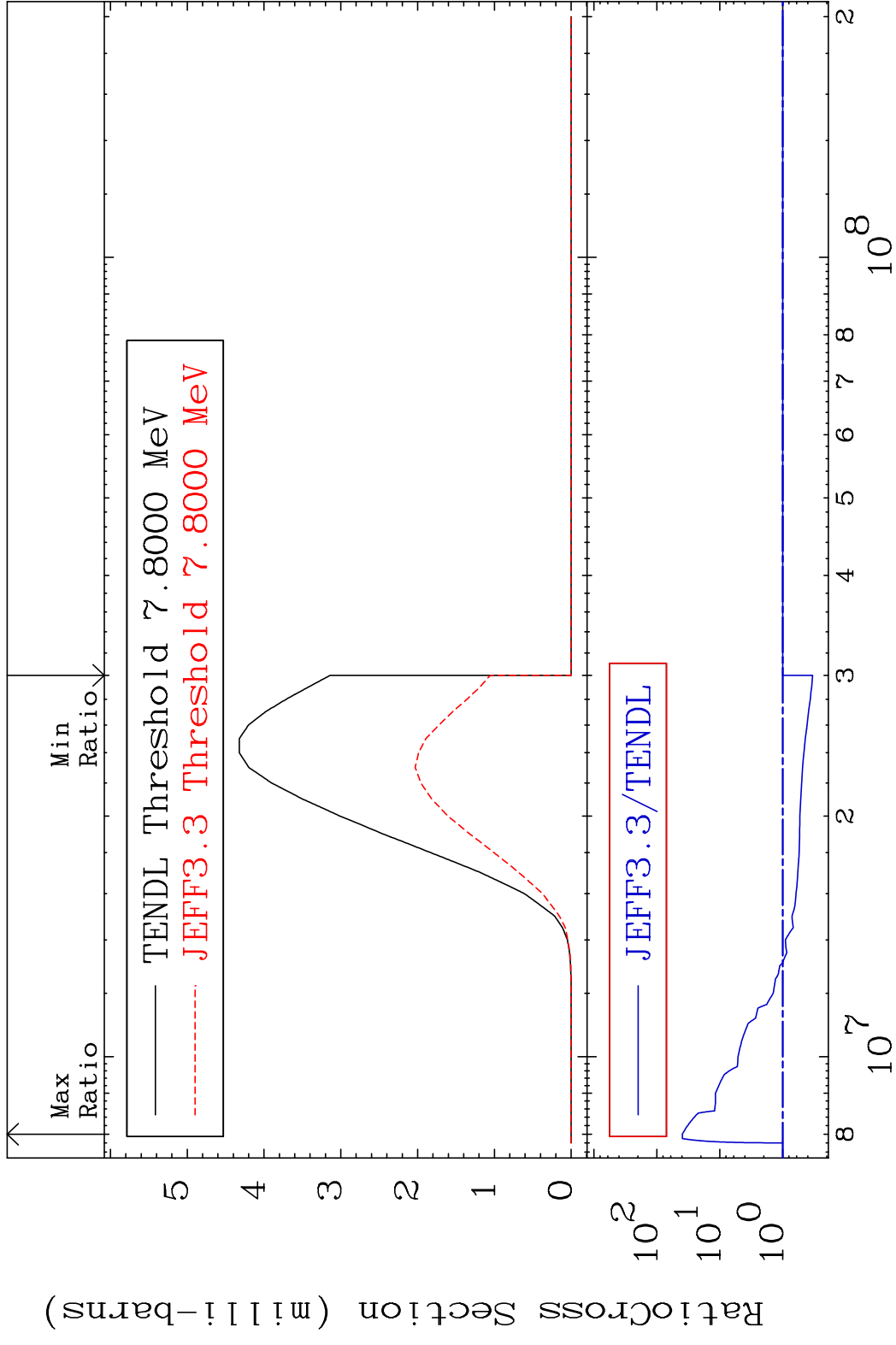


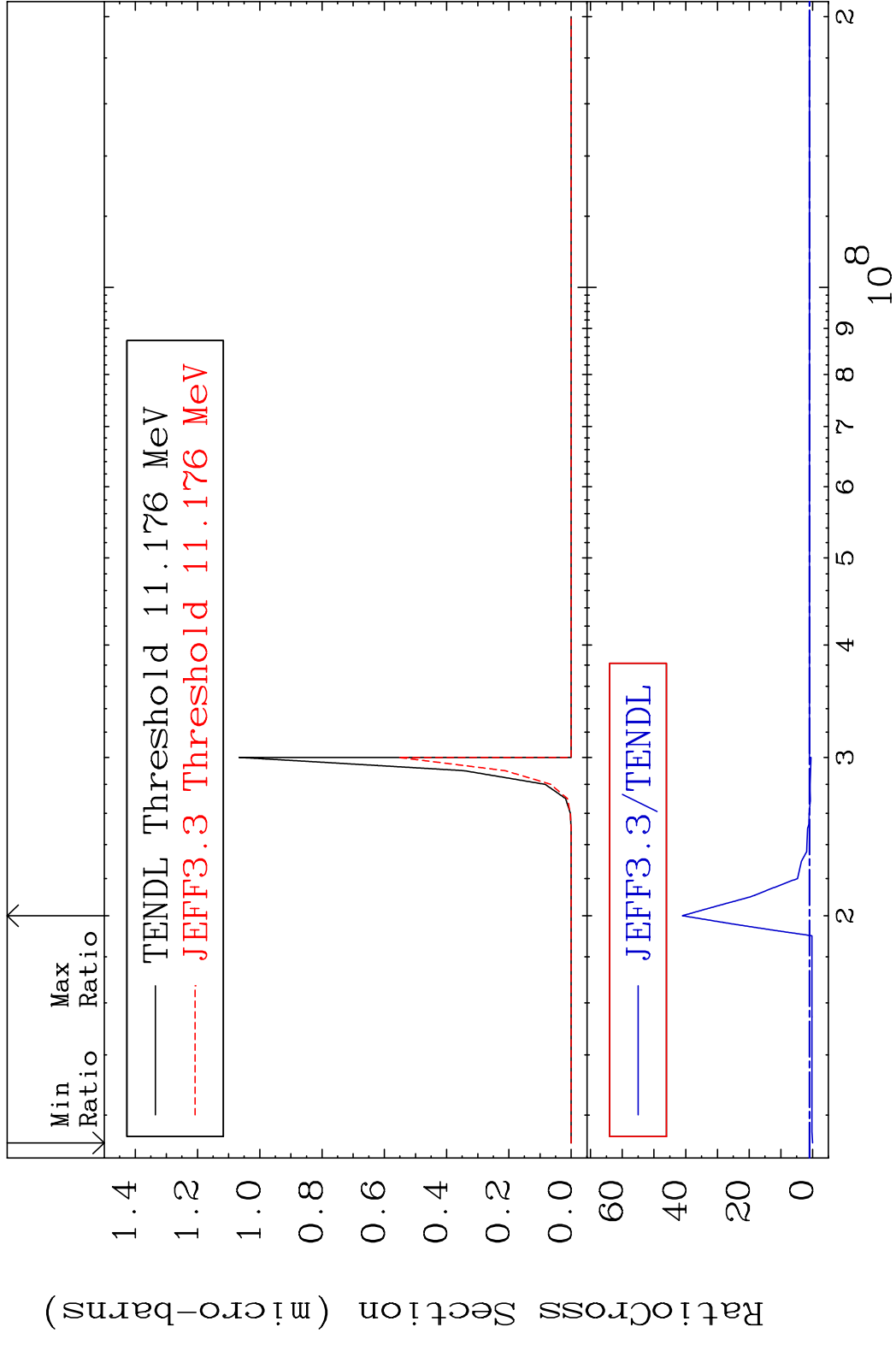


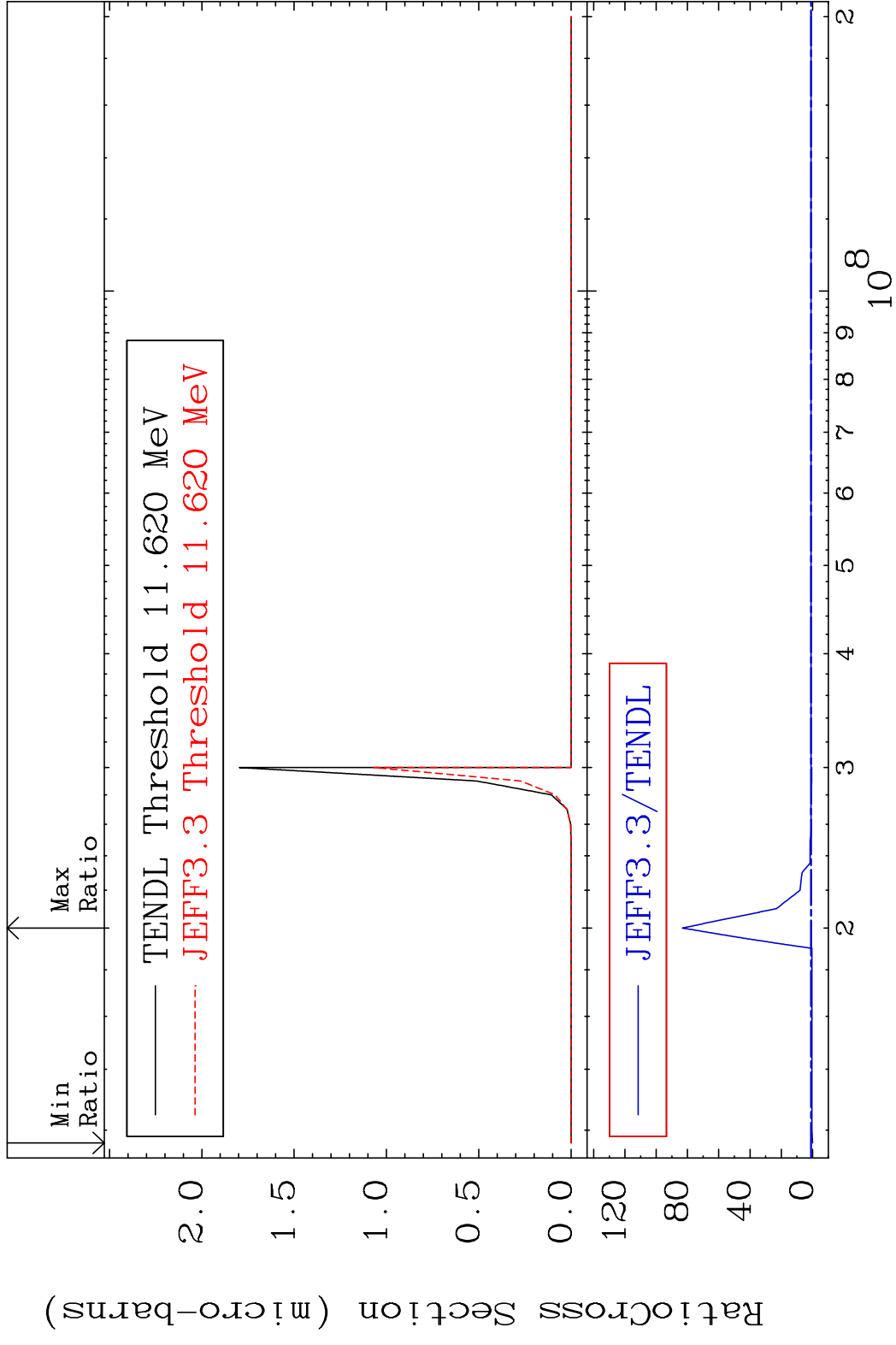




MAT 3434 (n, n')  $\alpha$ :32-Ge-73m2 34-Se-77  
 Radionuclide Production Cross Section 6864410 3832. %







MAT 3434 (n,2n) p:32-Ge-75g 34-Se-77  
 Radionuclide Production Cross Section 180c0i d10 2742. %

