

Program Complot  
(Version 2021-1)

by

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(Present Contact Information)

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Press Mouse Button to Start

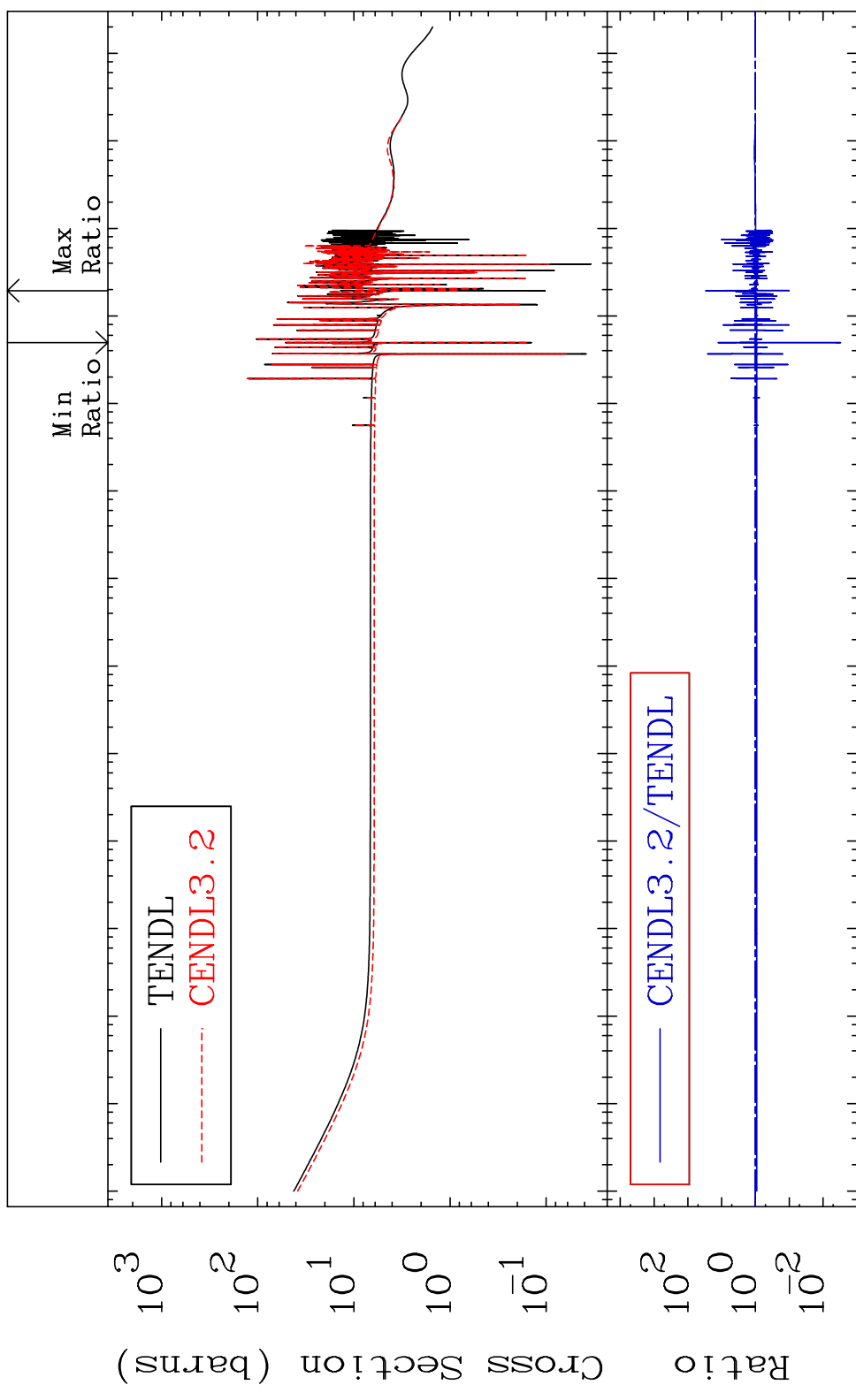
MAT 3649

Total

36-Kr-86

Cross Section

-99.70 To 2848. %



1

Incident Energy (eV)

36-Kr-86

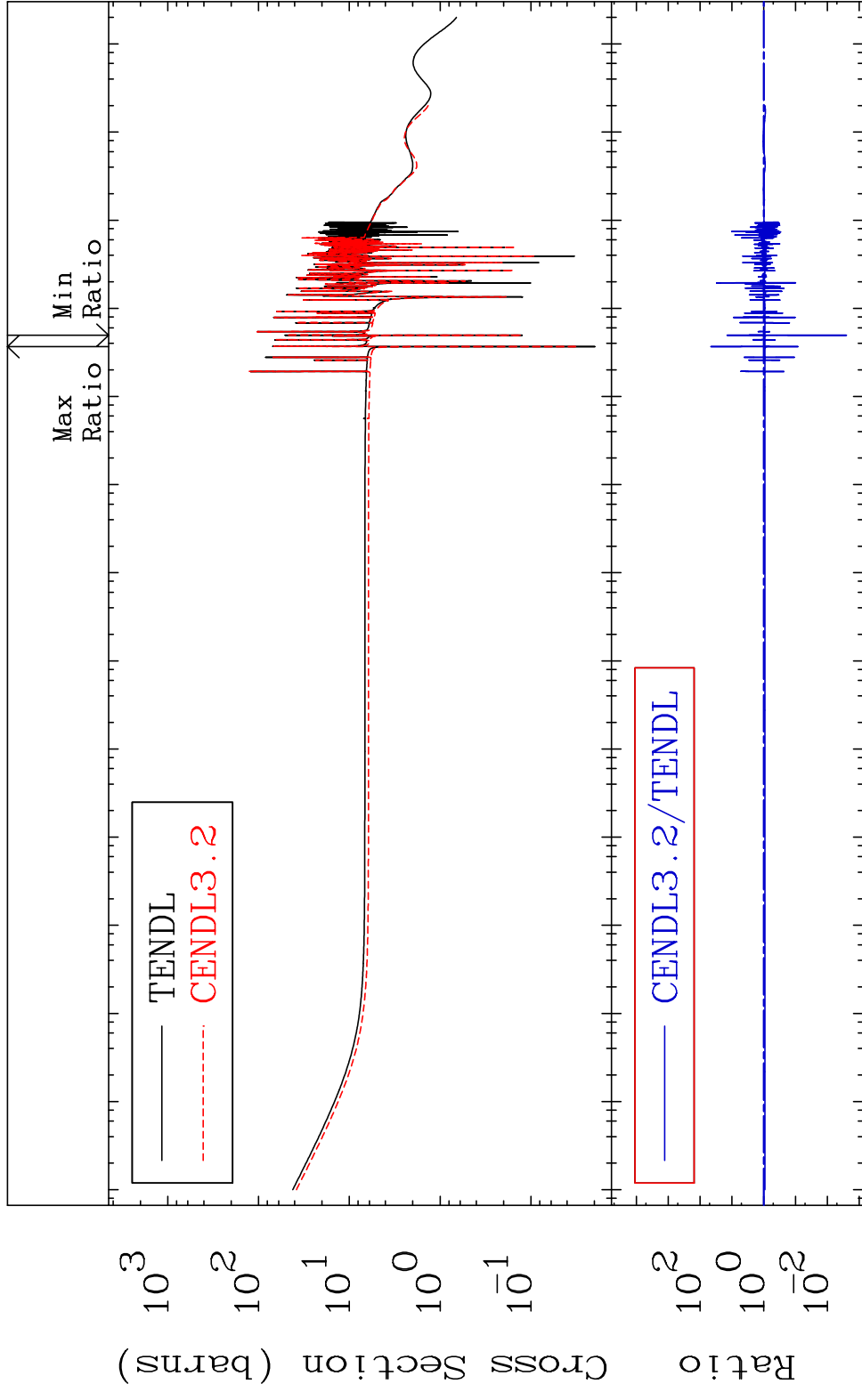
MAT 3649

Elastic

36-Kr-86

Cross Section

-99.75 To 4529. %

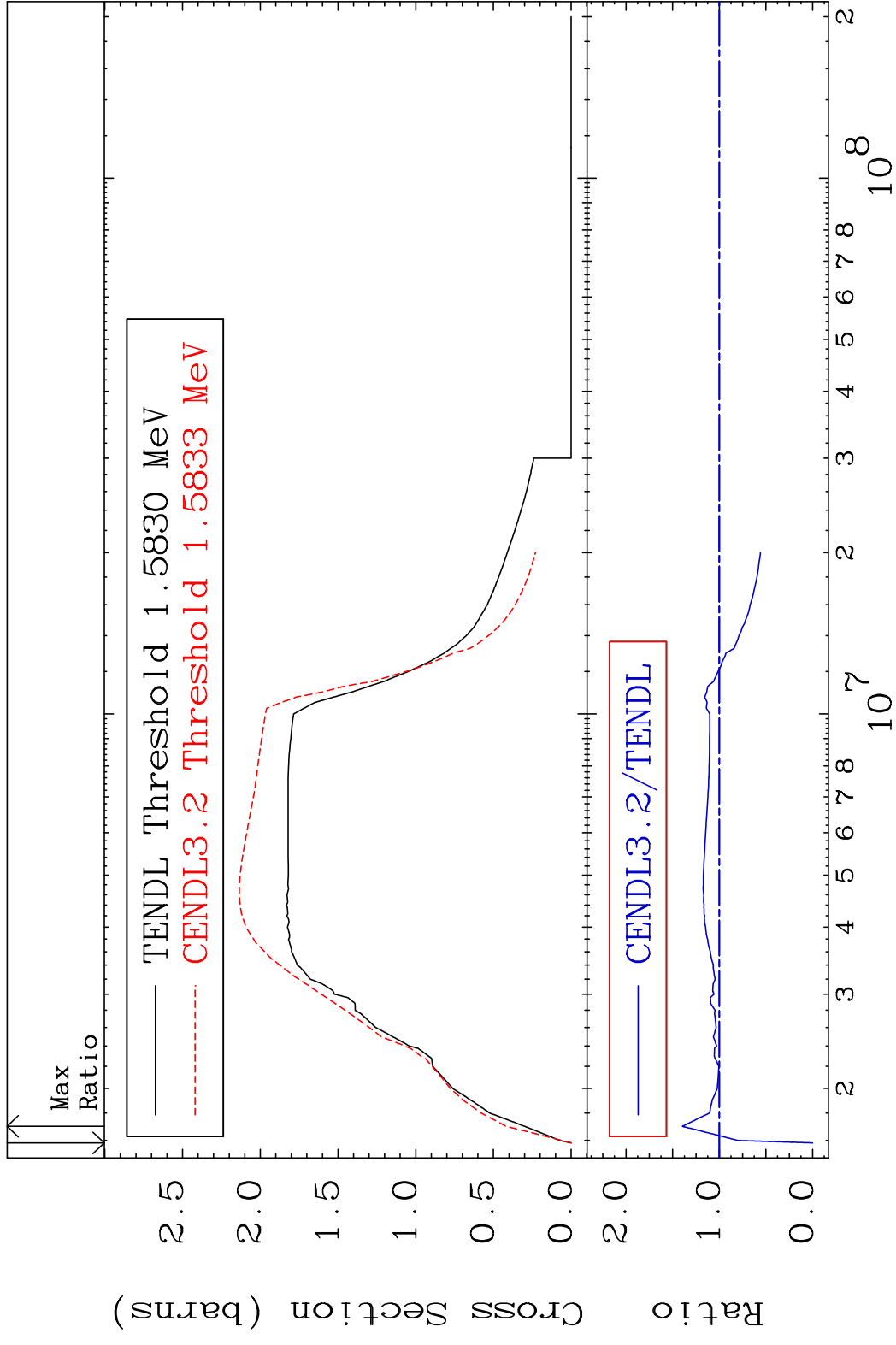


2

Incident Energy (eV)

36-Kr-86

MAT 3649 Inelastic 36-Kr-86  
 Cross Section -100.0 To 39.62 %

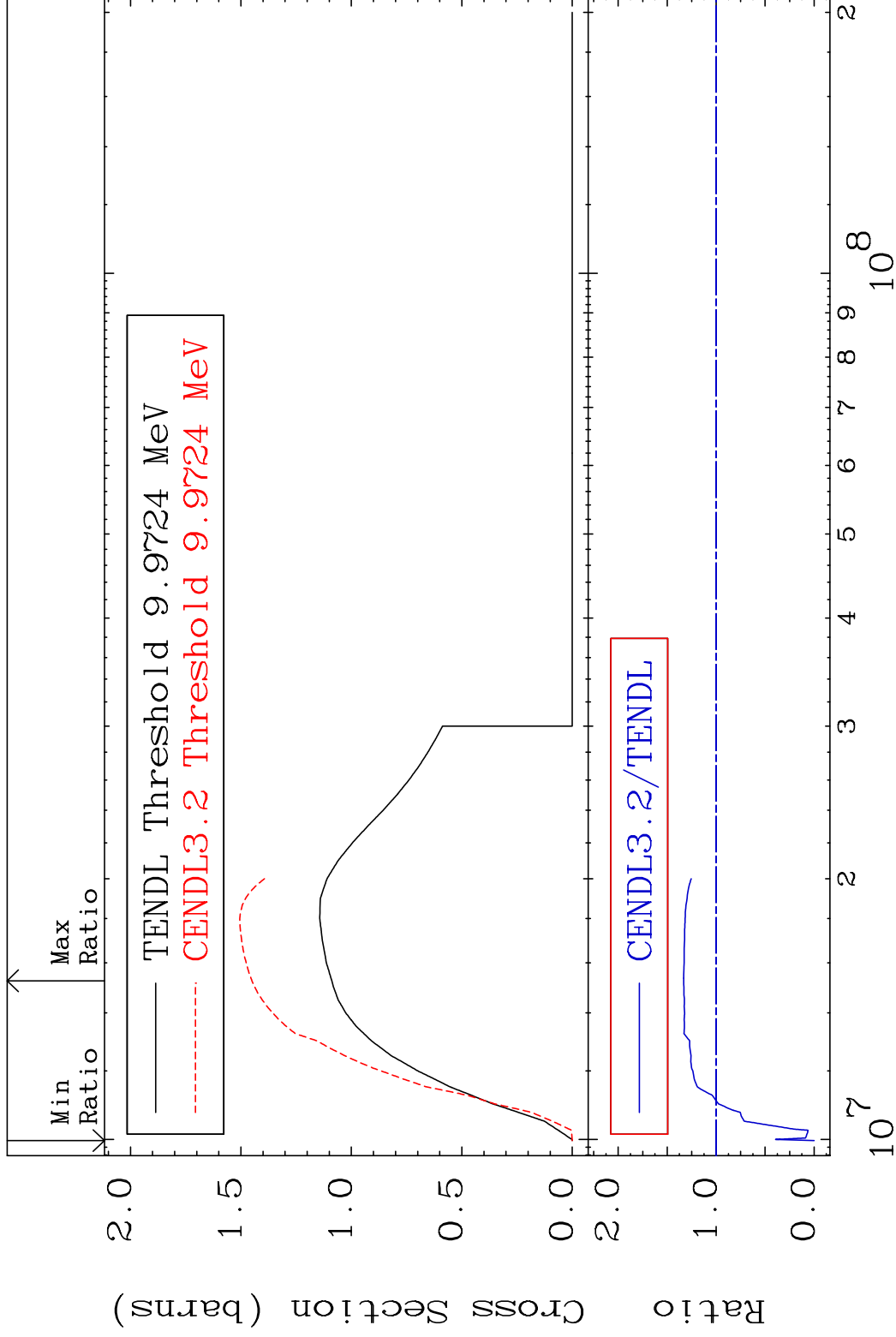


MAT 3649

(n,2n)

36-Kr-86

Cross Section -100.0 To 33.18 %



4

Incident Energy (eV)

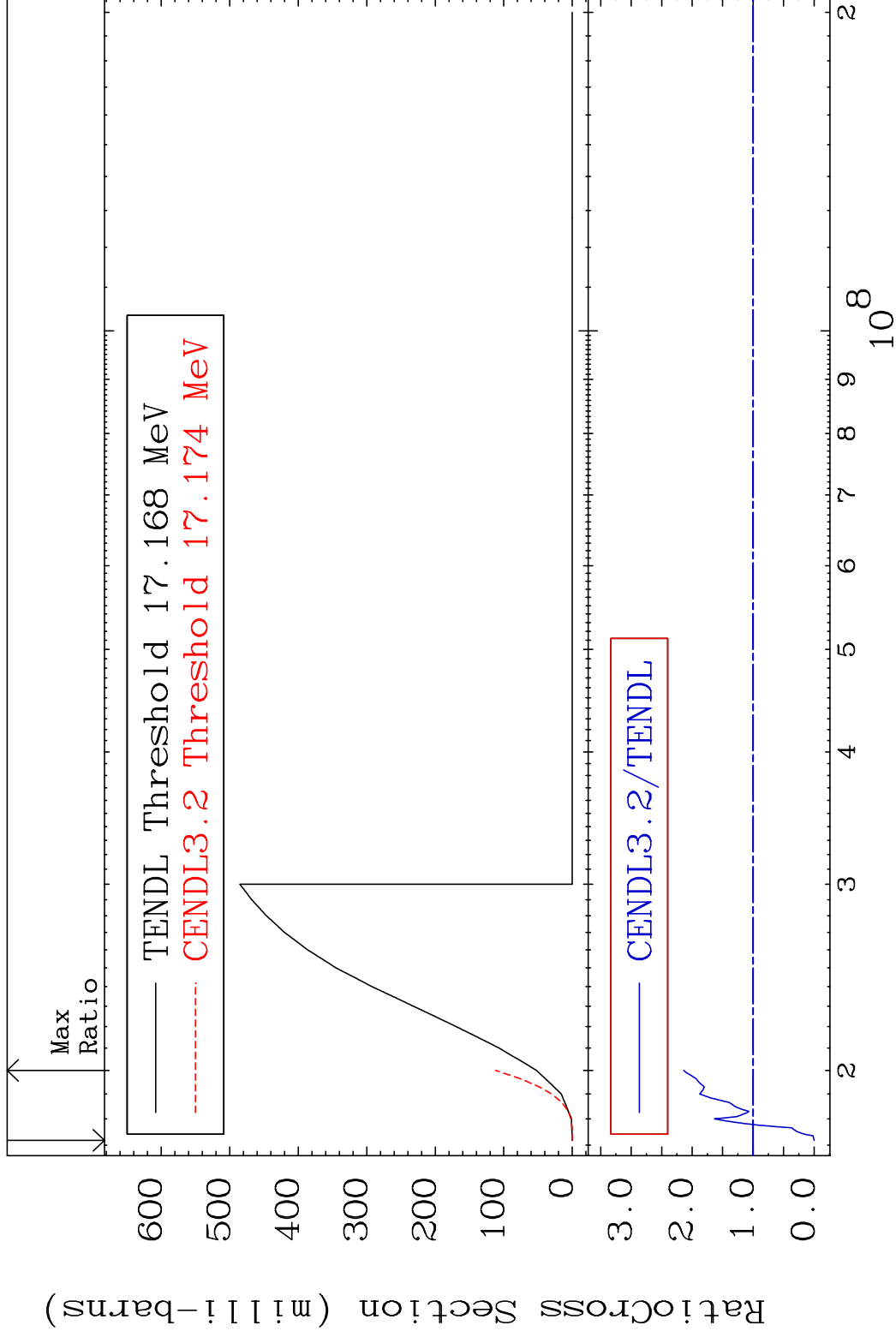
36-Kr-86

MAT 3649

(n,3n)

36-Kr-86

Cross Section -100.0 To 113.9 %



5

Incident Energy (eV)

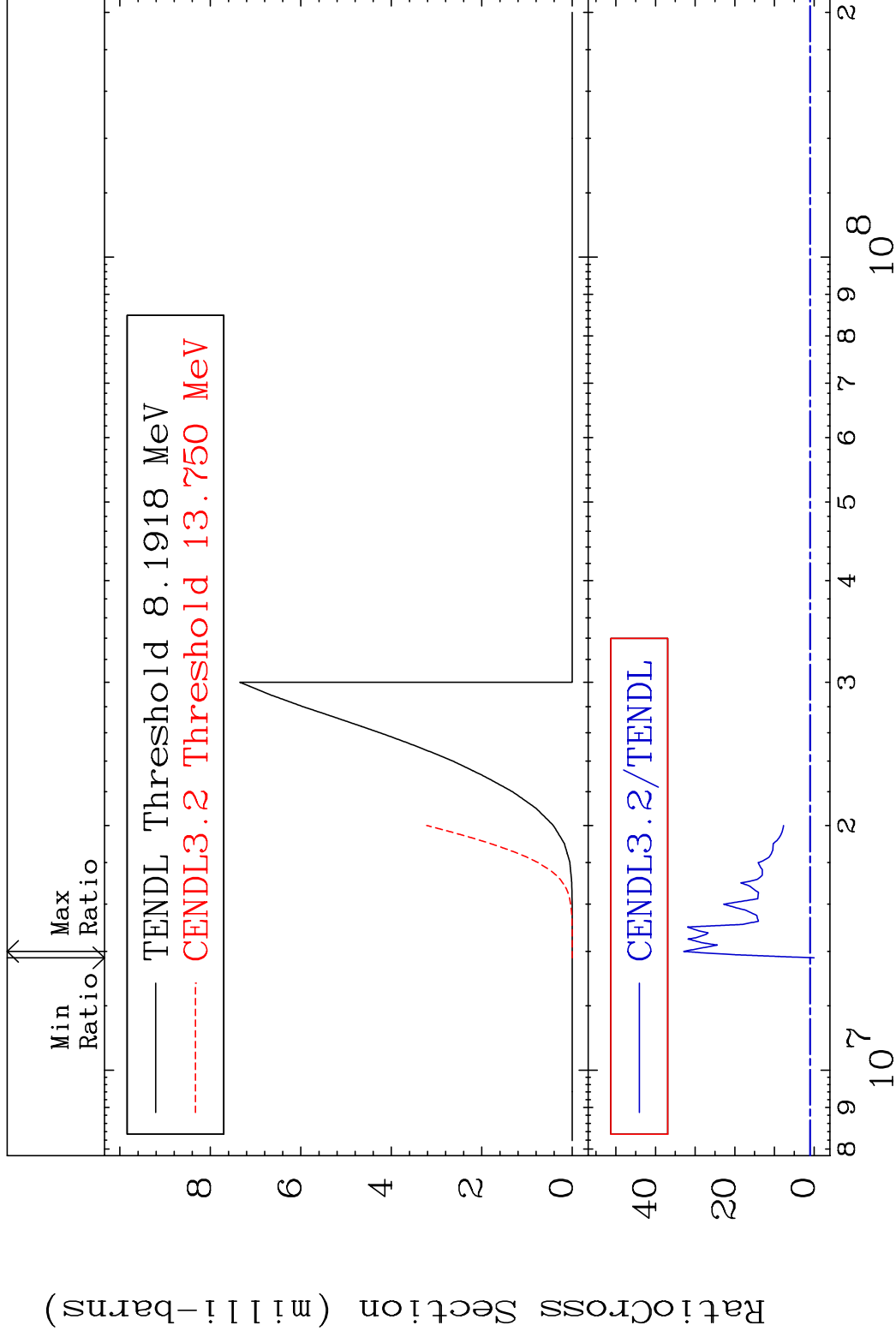
36-Kr-86

MAT 3649

(n, n')  $\alpha$

36-Kr-86

Cross Section -100.0 To 3190. %



6

Incident Energy (eV)

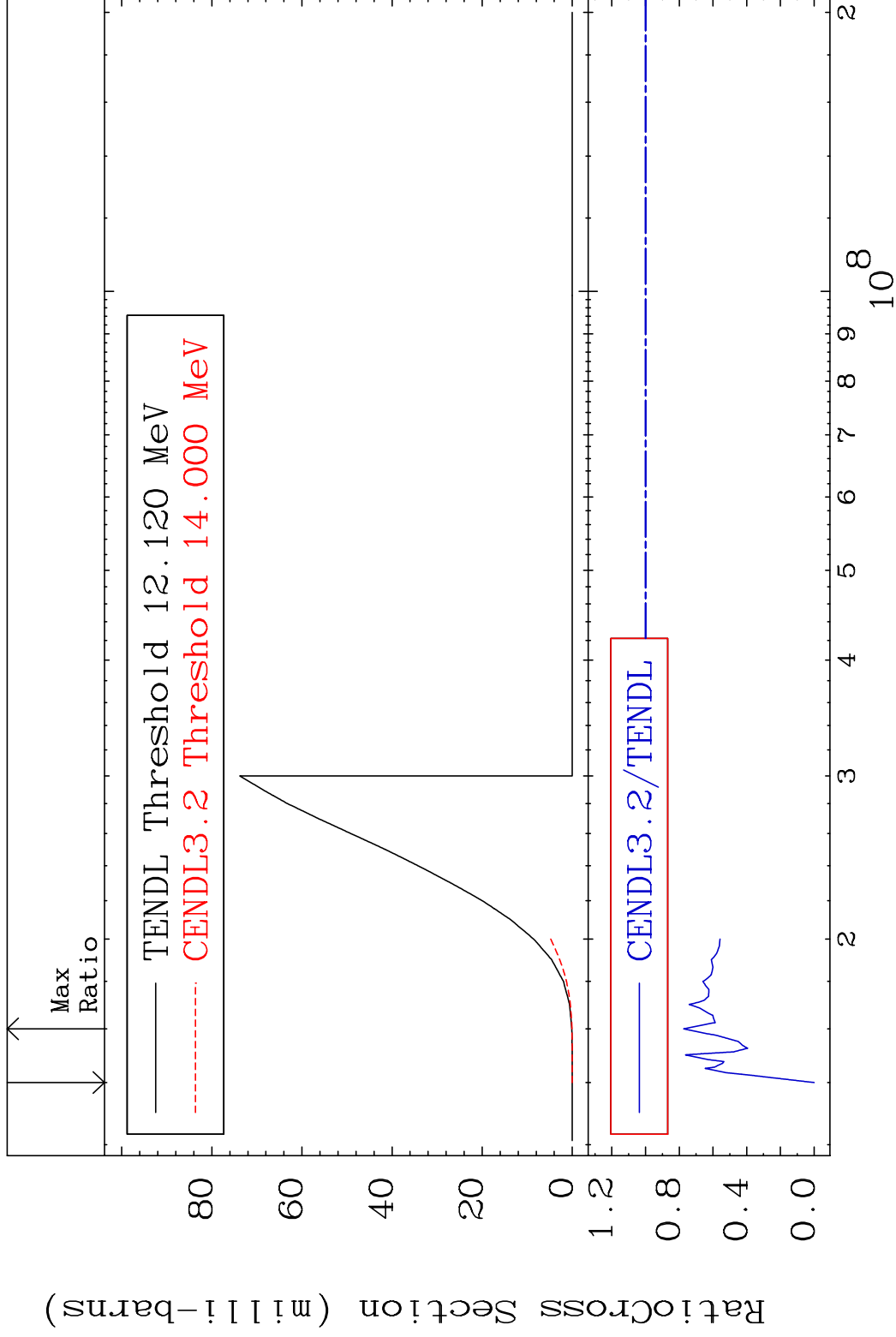
36-Kr-86

MAT 3649

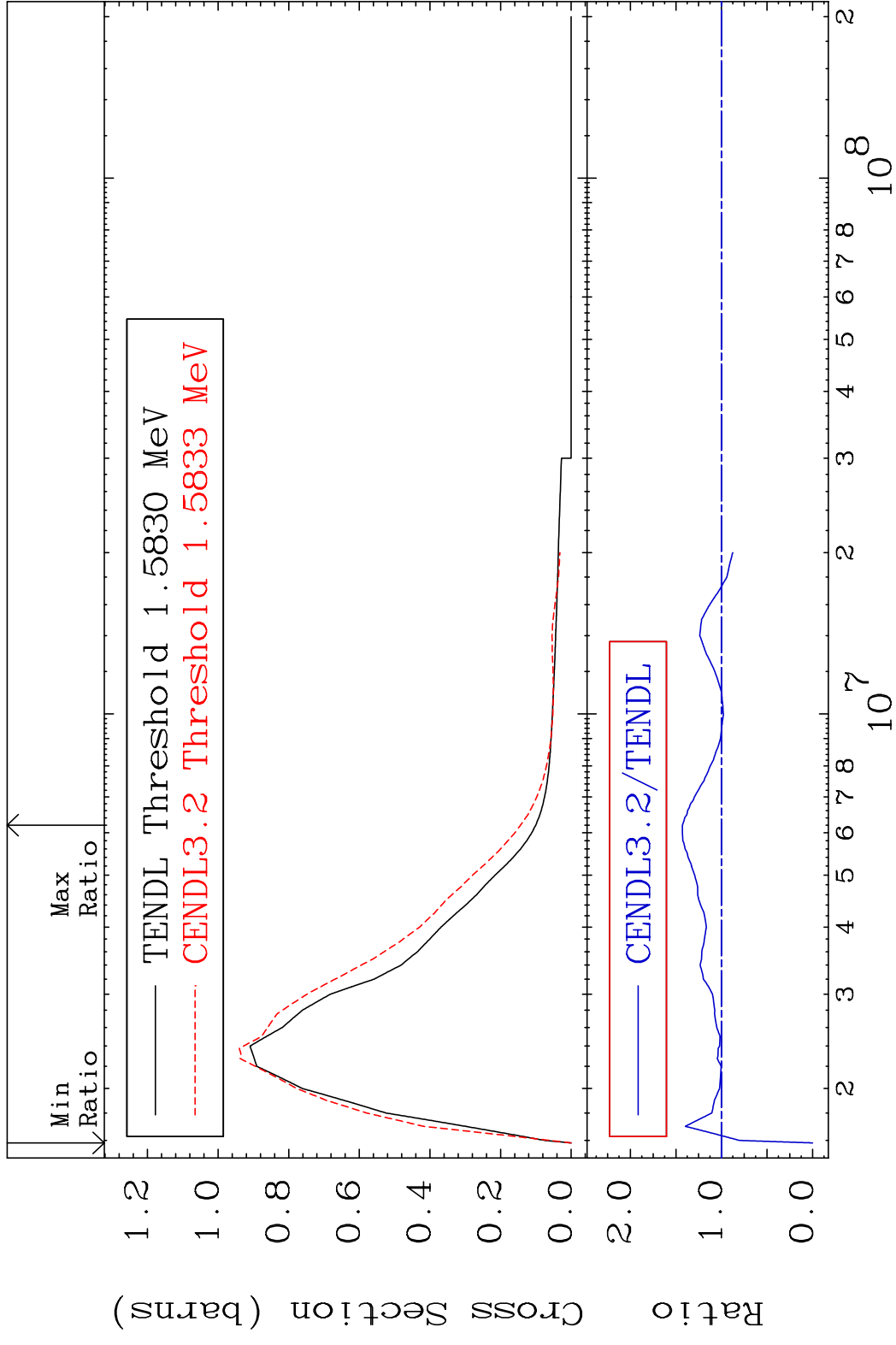
(n, n') p

36-Kr-86

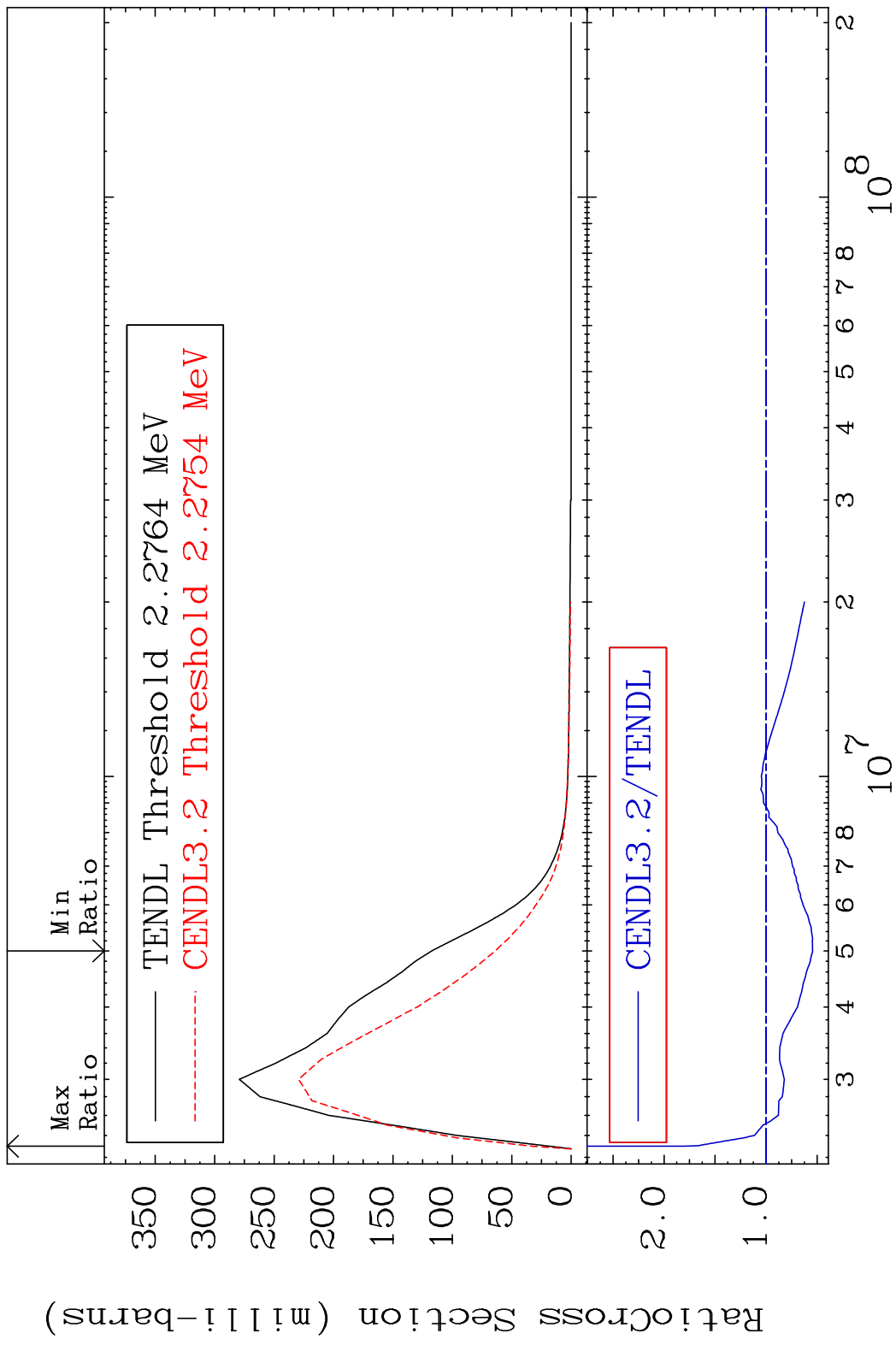
Cross Section -100.0 To -22.61%



MAT 3649 MT= 51 (n, n') Level 36-Kr-86  
 Cross Section -100.0 To 42.91 %



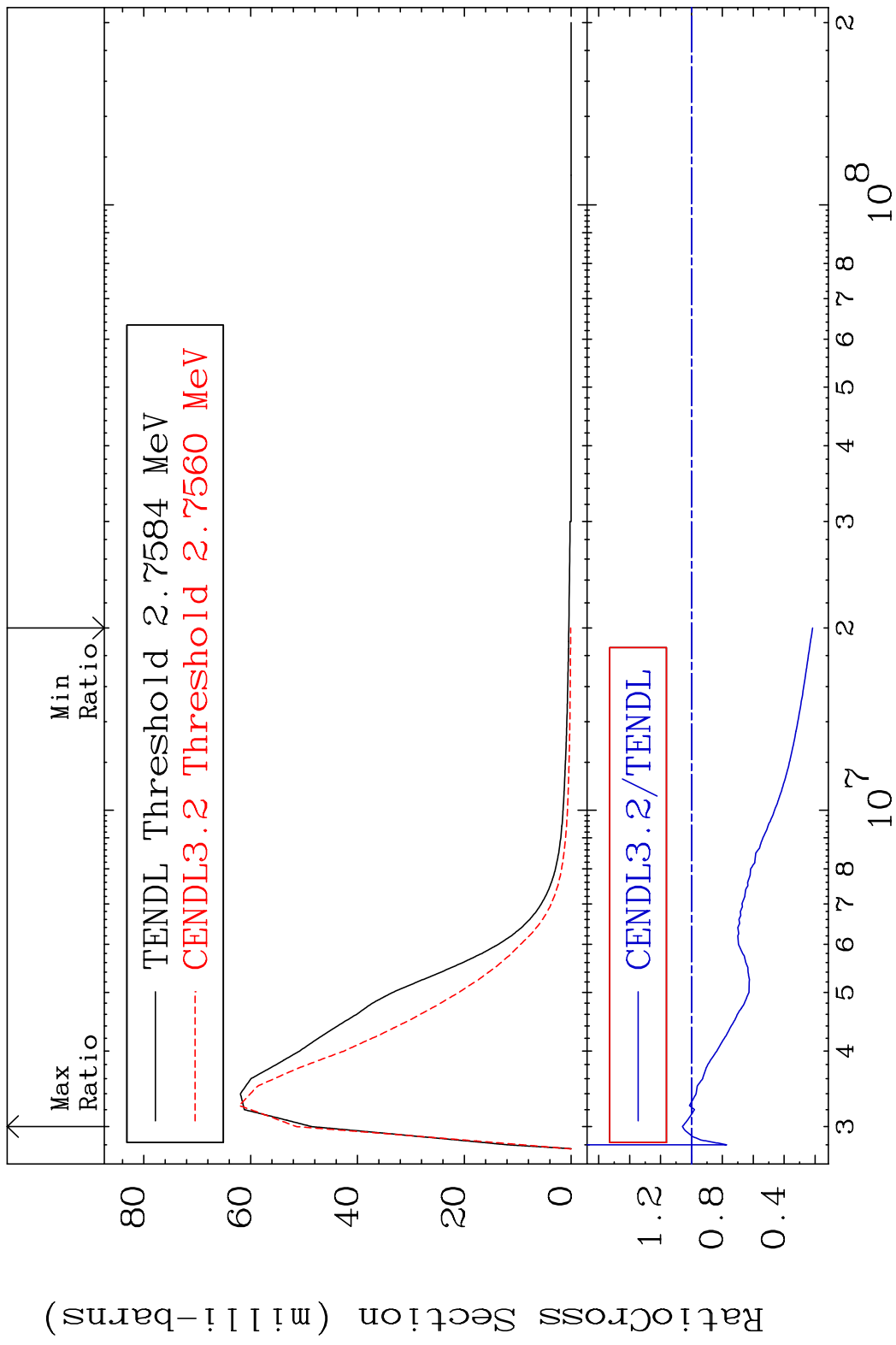
MAT 3649 MT= 52 (n, n') Level 36-Kr-86  
 Cross Section -45.55 To 82.05 %



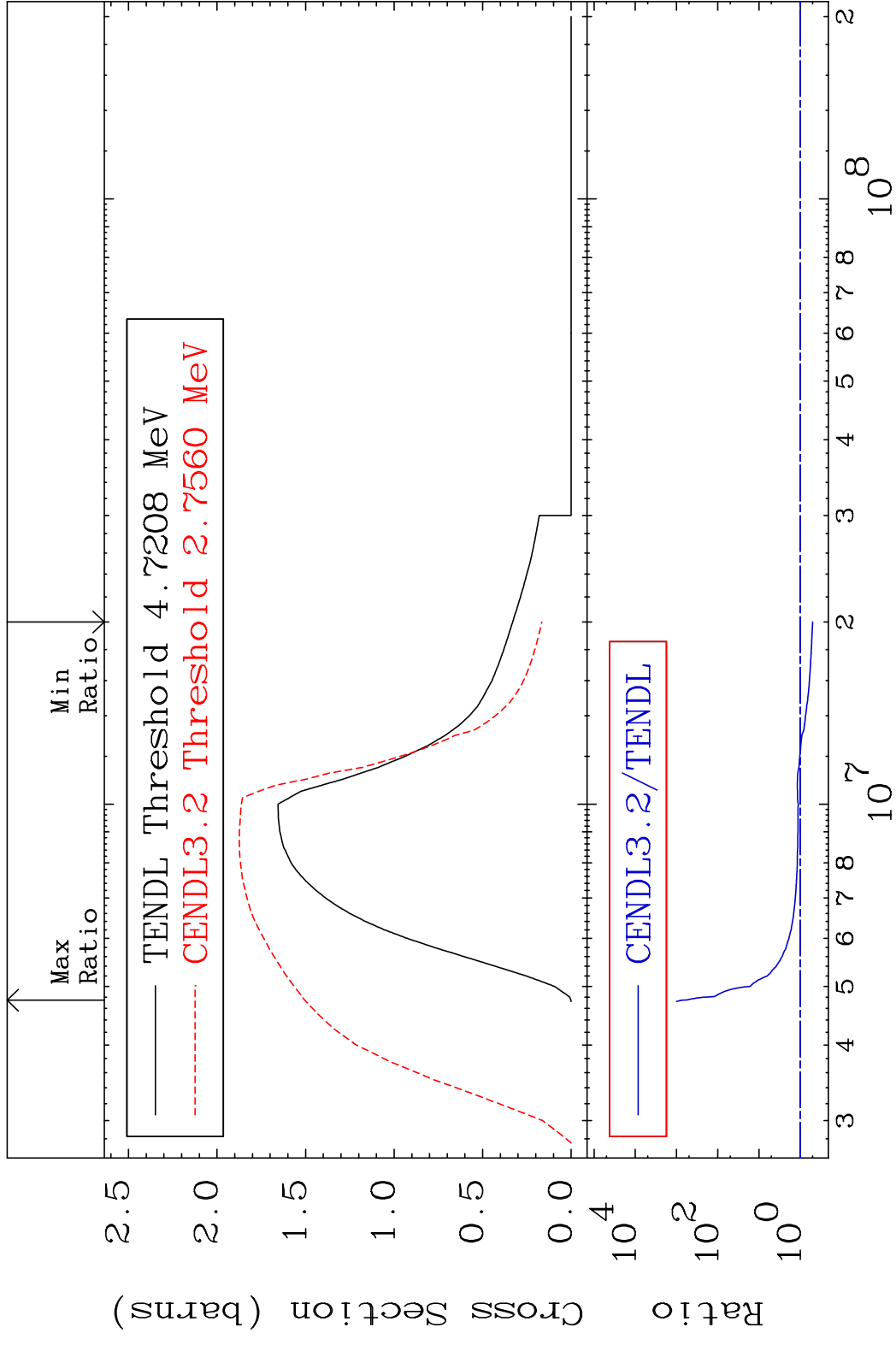
9 Incident Energy (eV) 36-Kr-86



MAT 3649 MT= 54 (n, n') Level 36-Kr-86  
 Cross Section -78.36 To 5.904 %



MAT 3649 (n,n') Continuum 36-Kr-86  
 Cross Section -49.66 To 9999. %

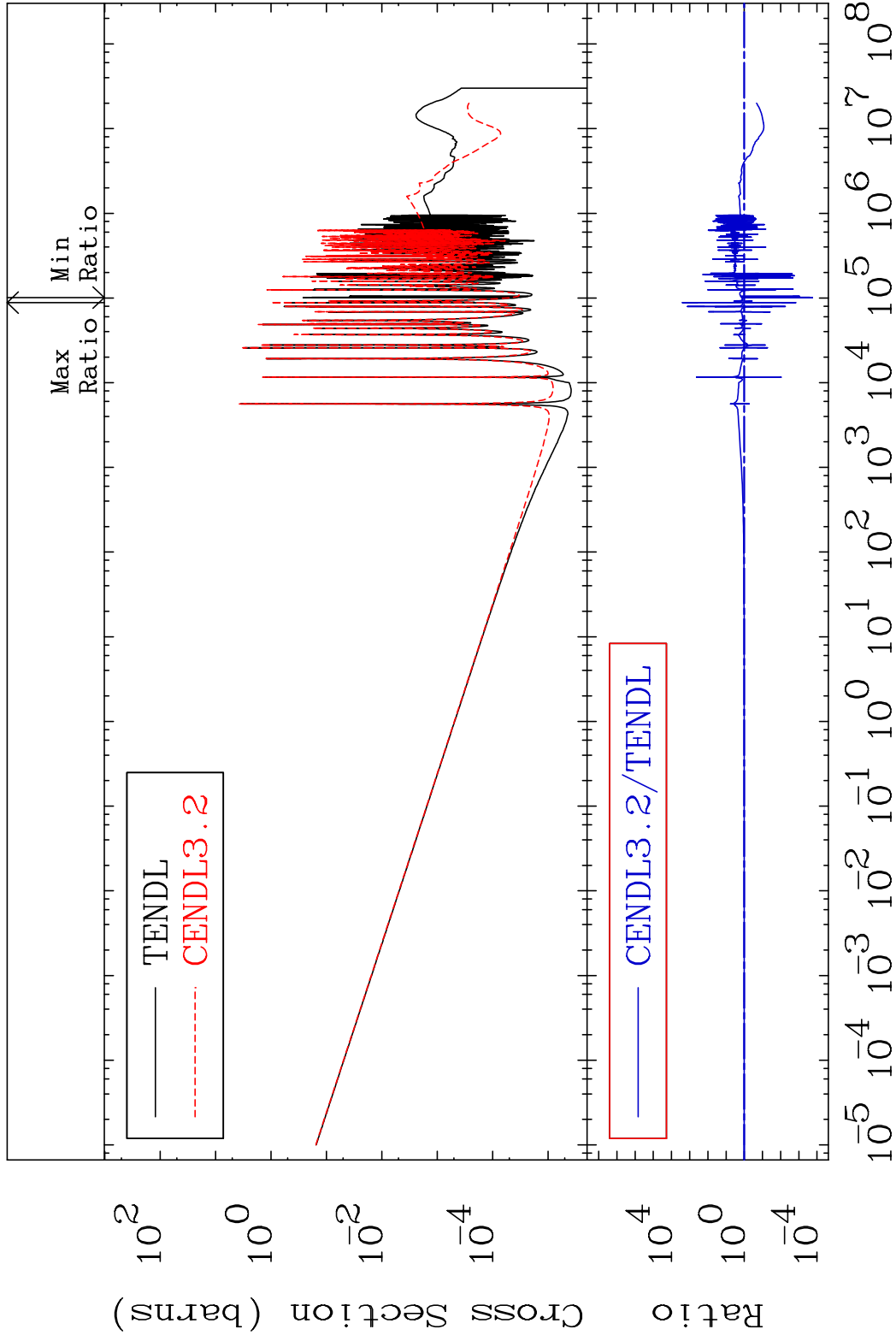


MAT 3649

(n,  $\gamma$ )

36-Kr-86

Cross Section -99.98 To 9999. %

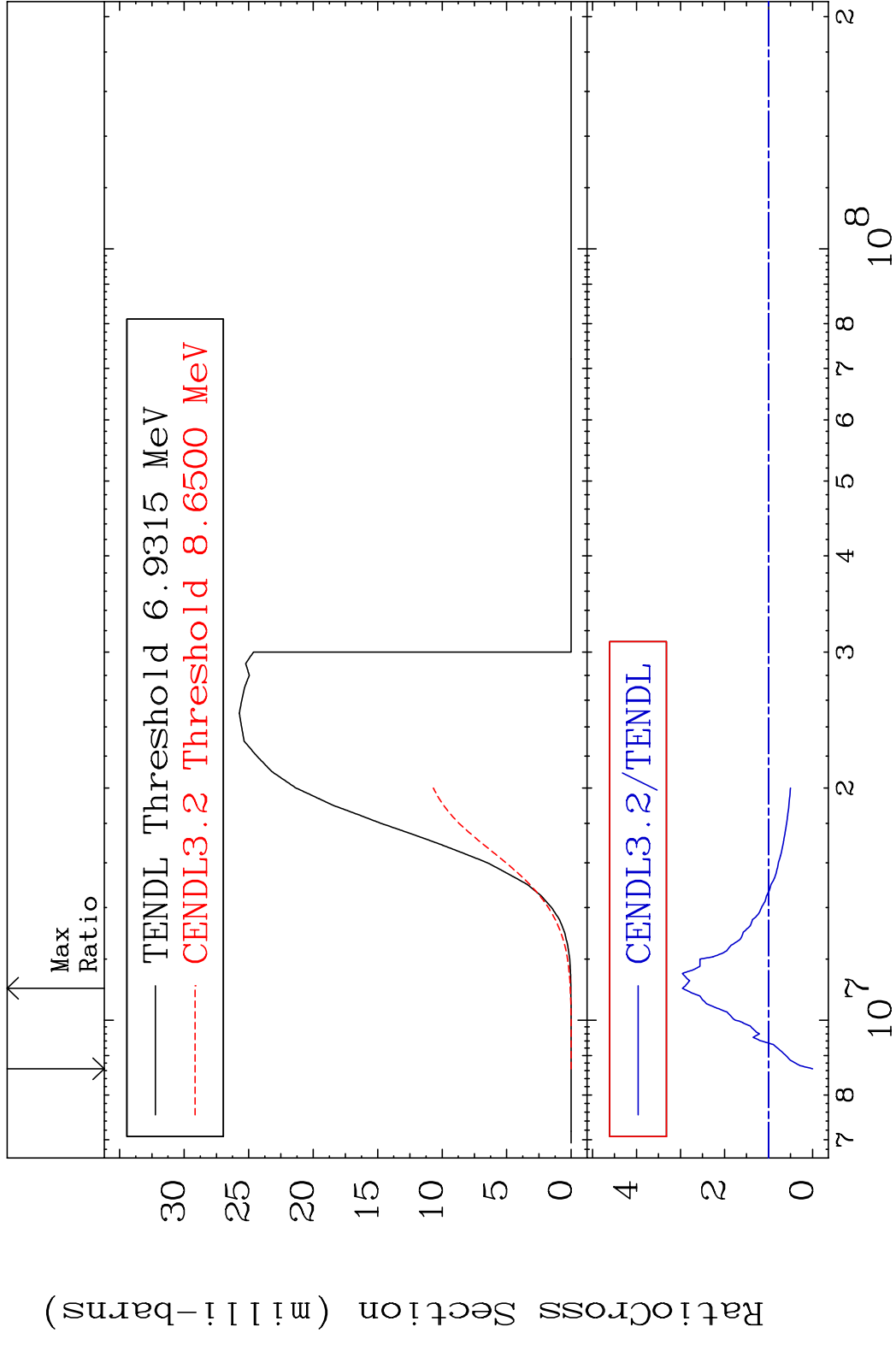


13

Incident Energy (eV)

36-Kr-86

MAT 3649 (n,p) 36-Kr-86  
 Cross Section -100.0 To 195.8 %

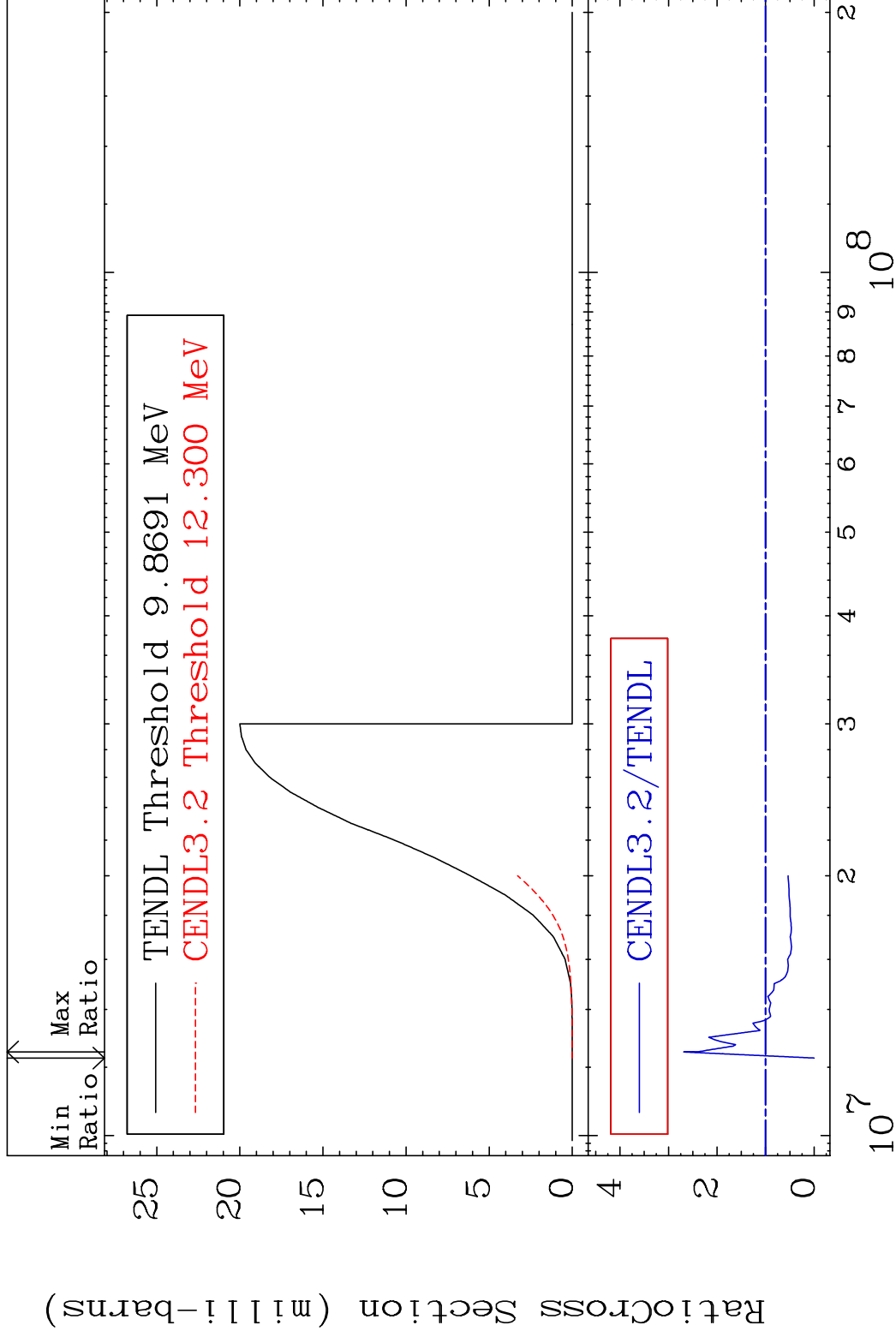


MAT 3649

(n, d)

36-Kr-86

Cross Section -100.0 To 168.8 %



15

Incident Energy (eV)

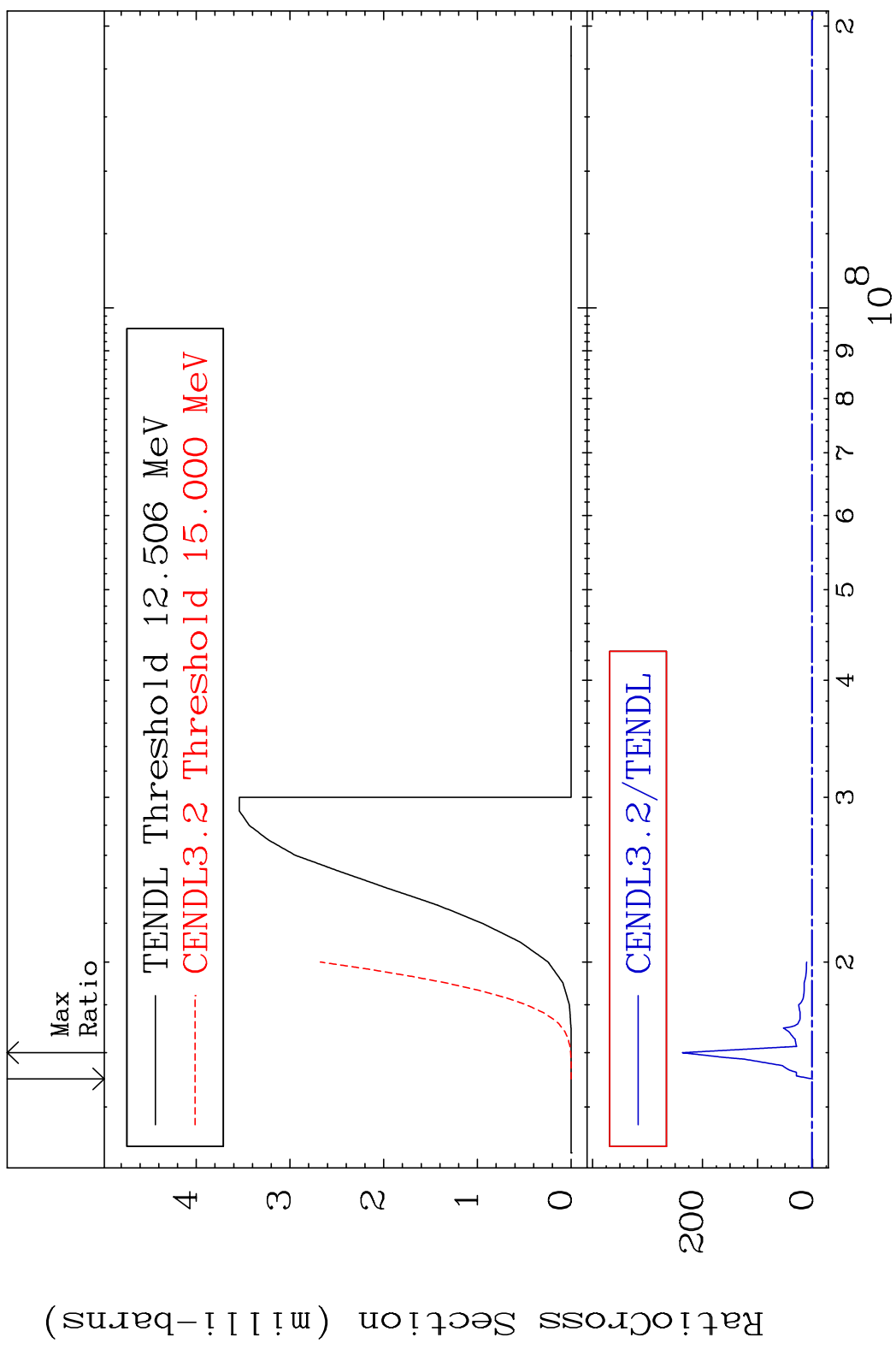
36-Kr-86

MAT 3649

(n, t)

36-Kr-86

Cross Section -100.0 To 9999. %

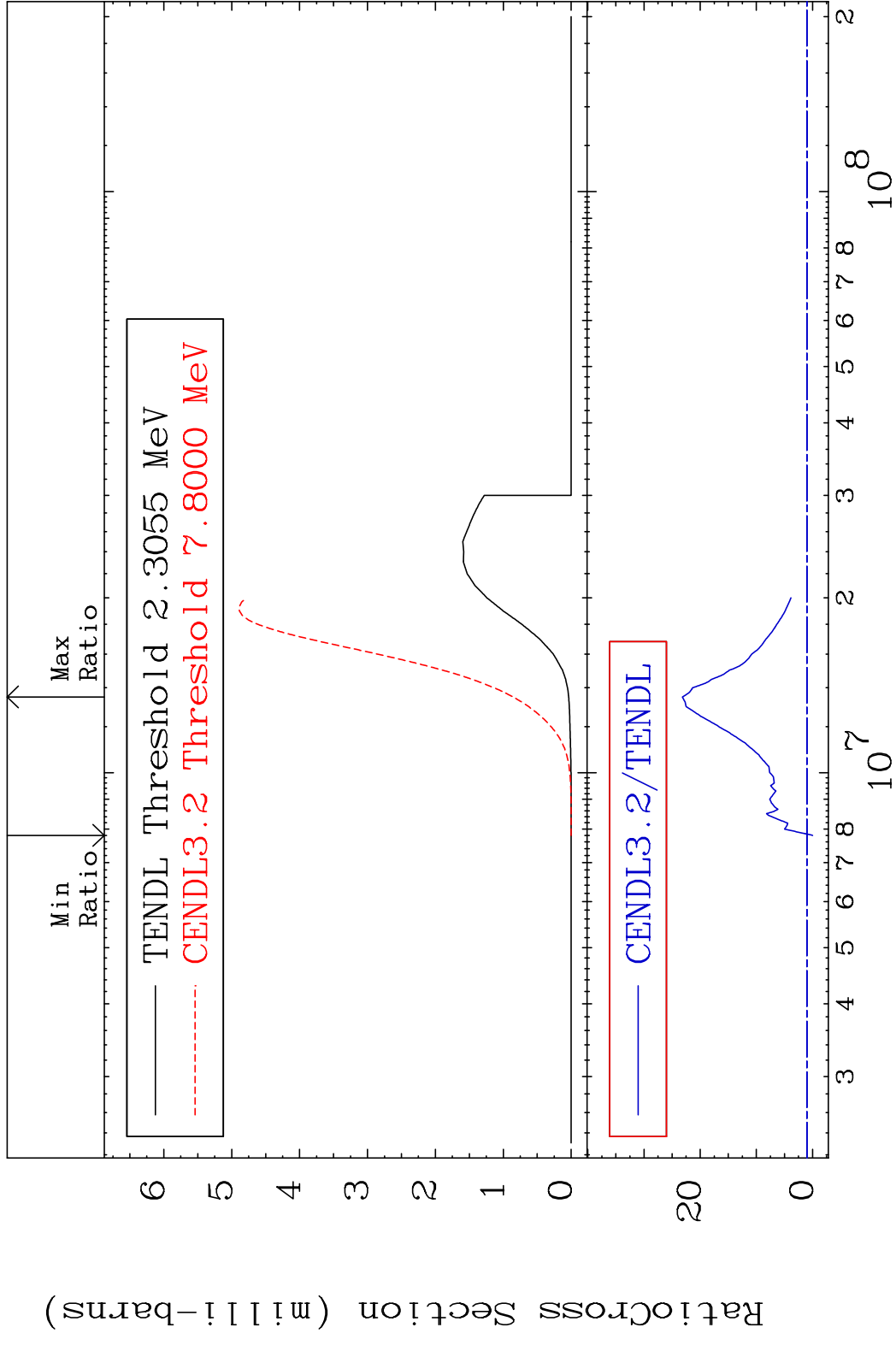


MAT 3649

<sup>36</sup>Kr-86

(n, α)

Cross Section -100.0 To 2217. %

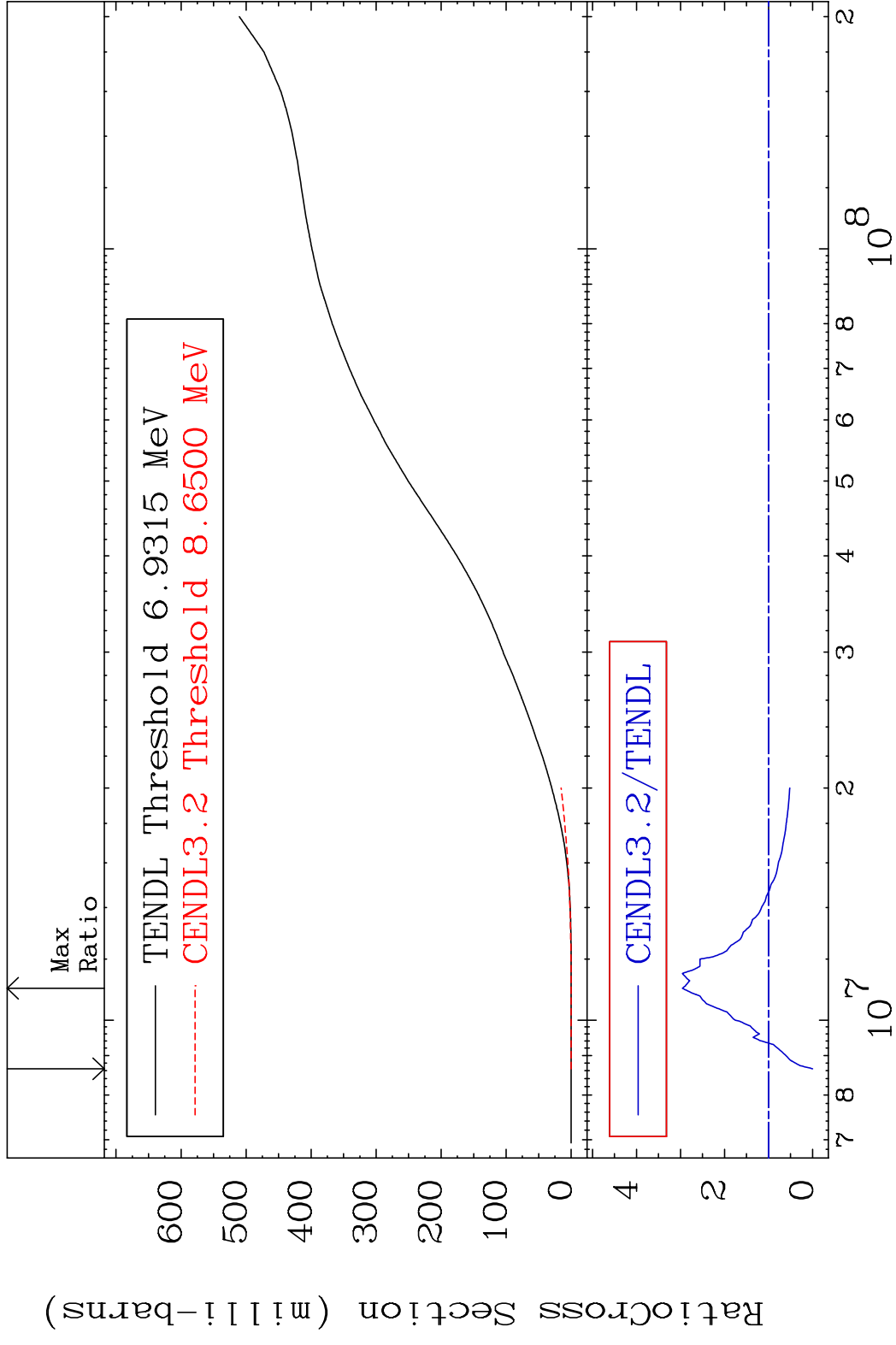


17

Incident Energy (eV)

<sup>36</sup>Kr-86

MAT 3649 Hydrogen Production 36-Kr-86  
 Cross Section -100.0 To 195.8 %

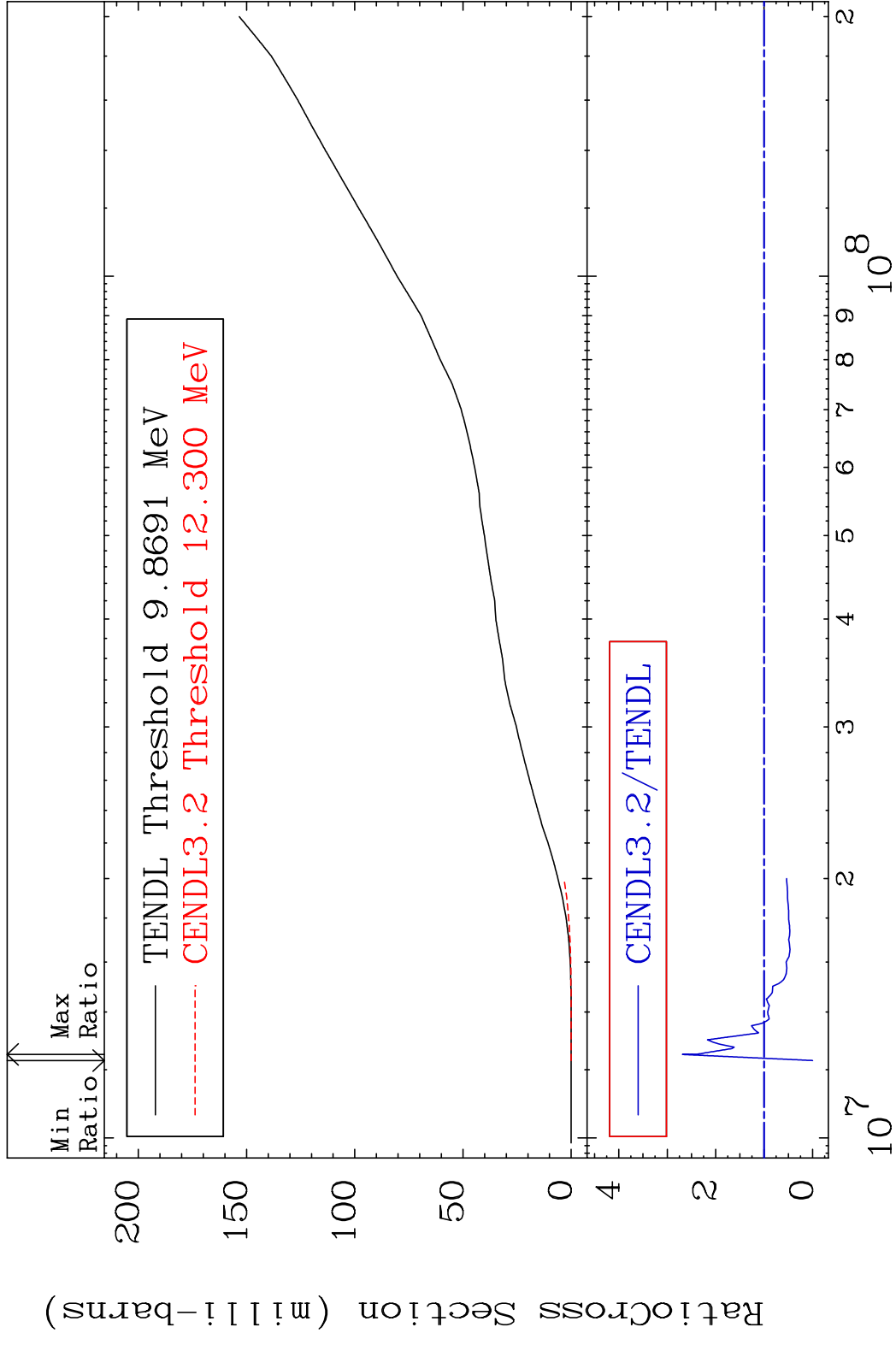


MAT 3649

Deuterium Production

36-Kr-86

Cross Section -100.0 To 168.8 %

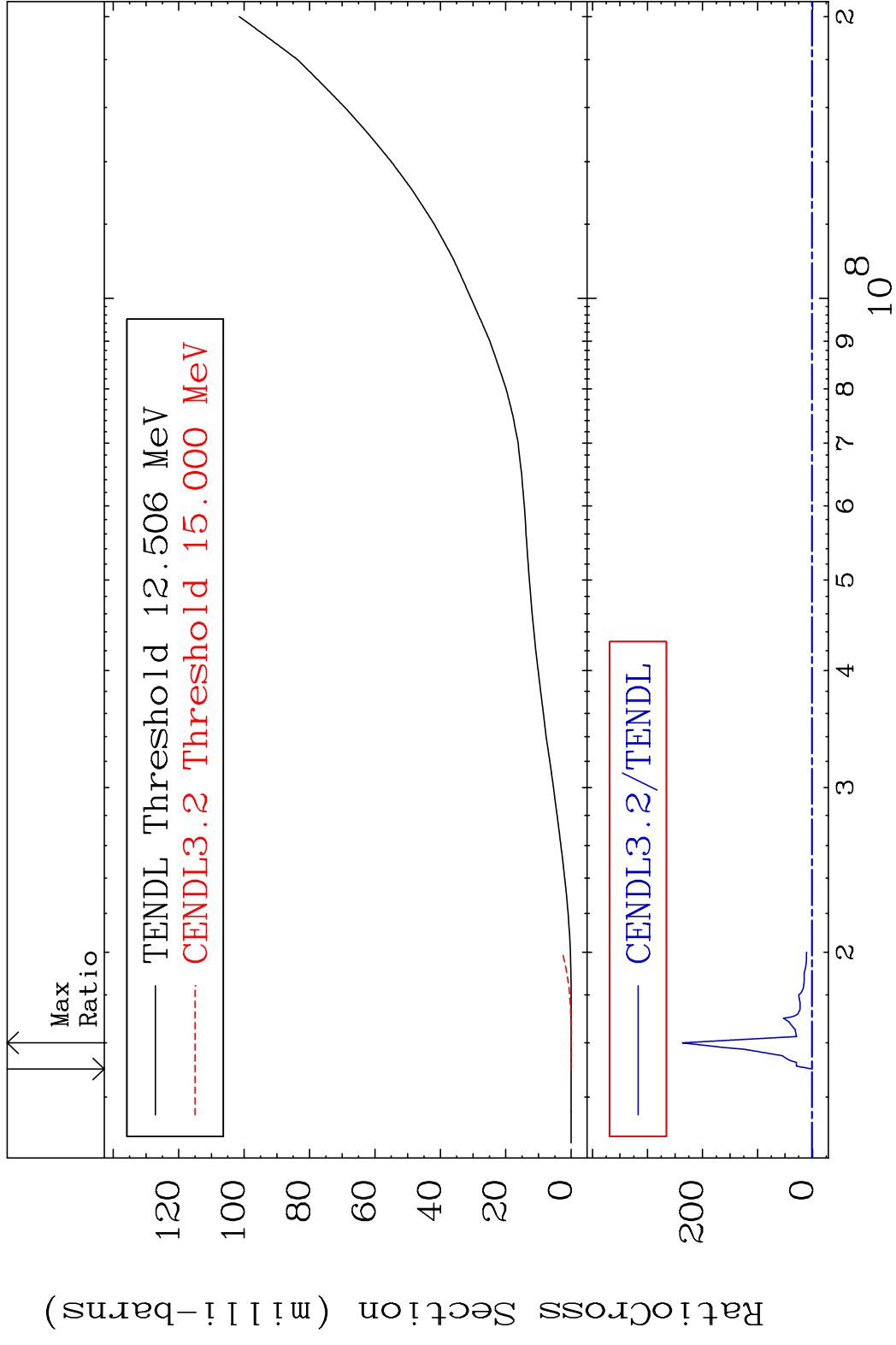


19

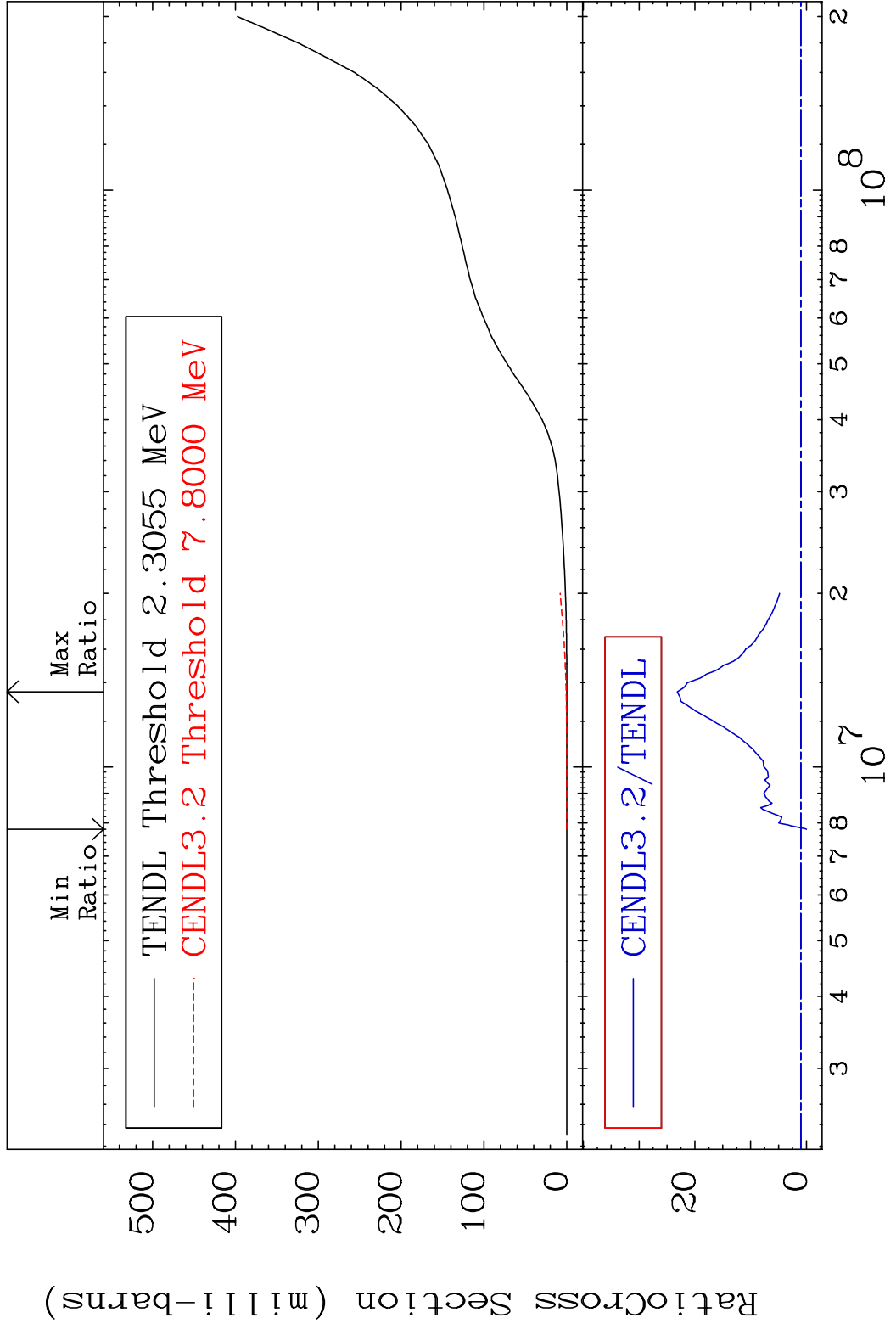
Incident Energy (eV)

36-Kr-86

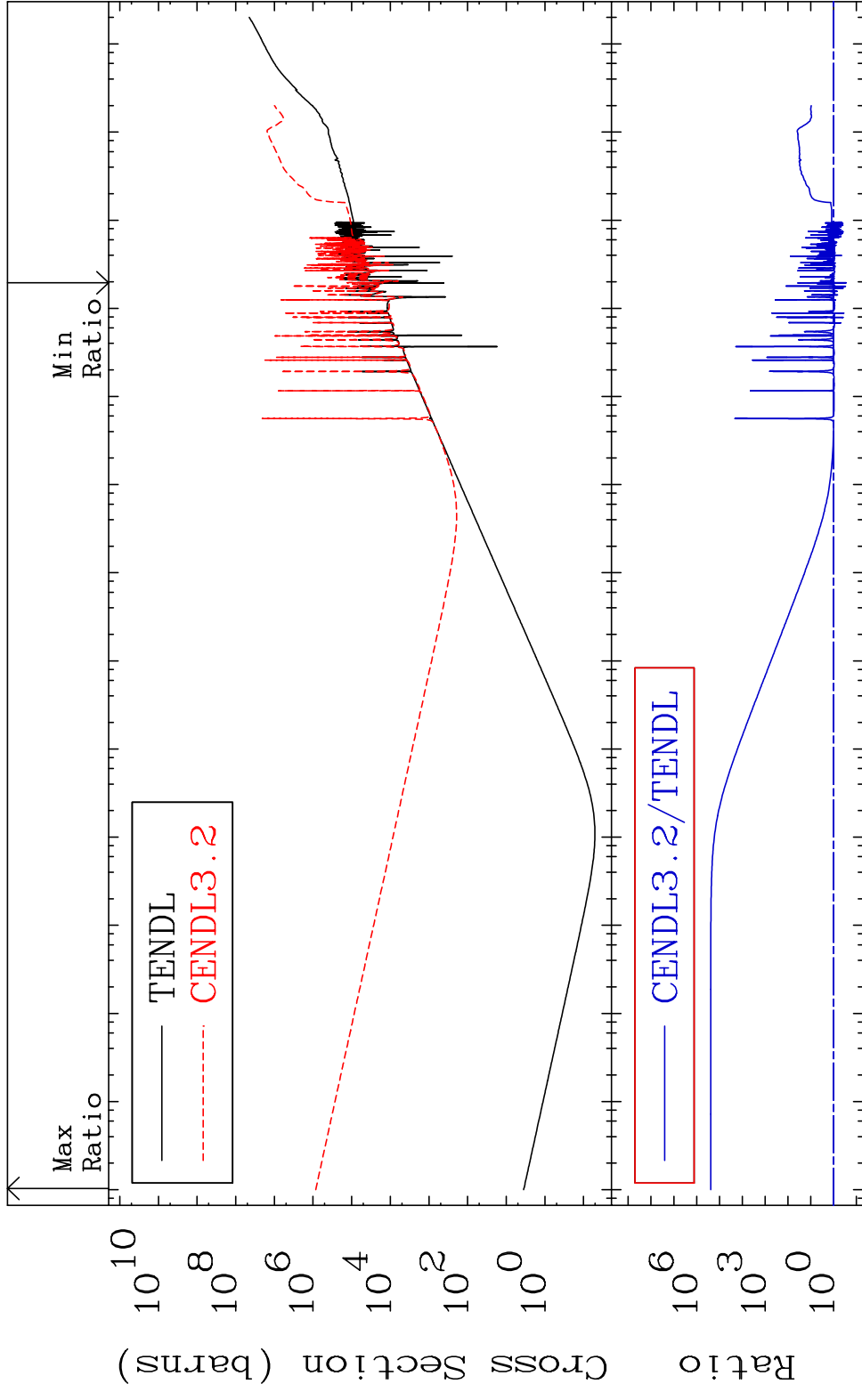
MAT 3649 Tritium Production 36-Kr-86  
 Cross Section -100.0 To 9999. %



MAT 3649 He-4 Production 36-Kr-86  
 Cross Section -100.0 To 2217. %



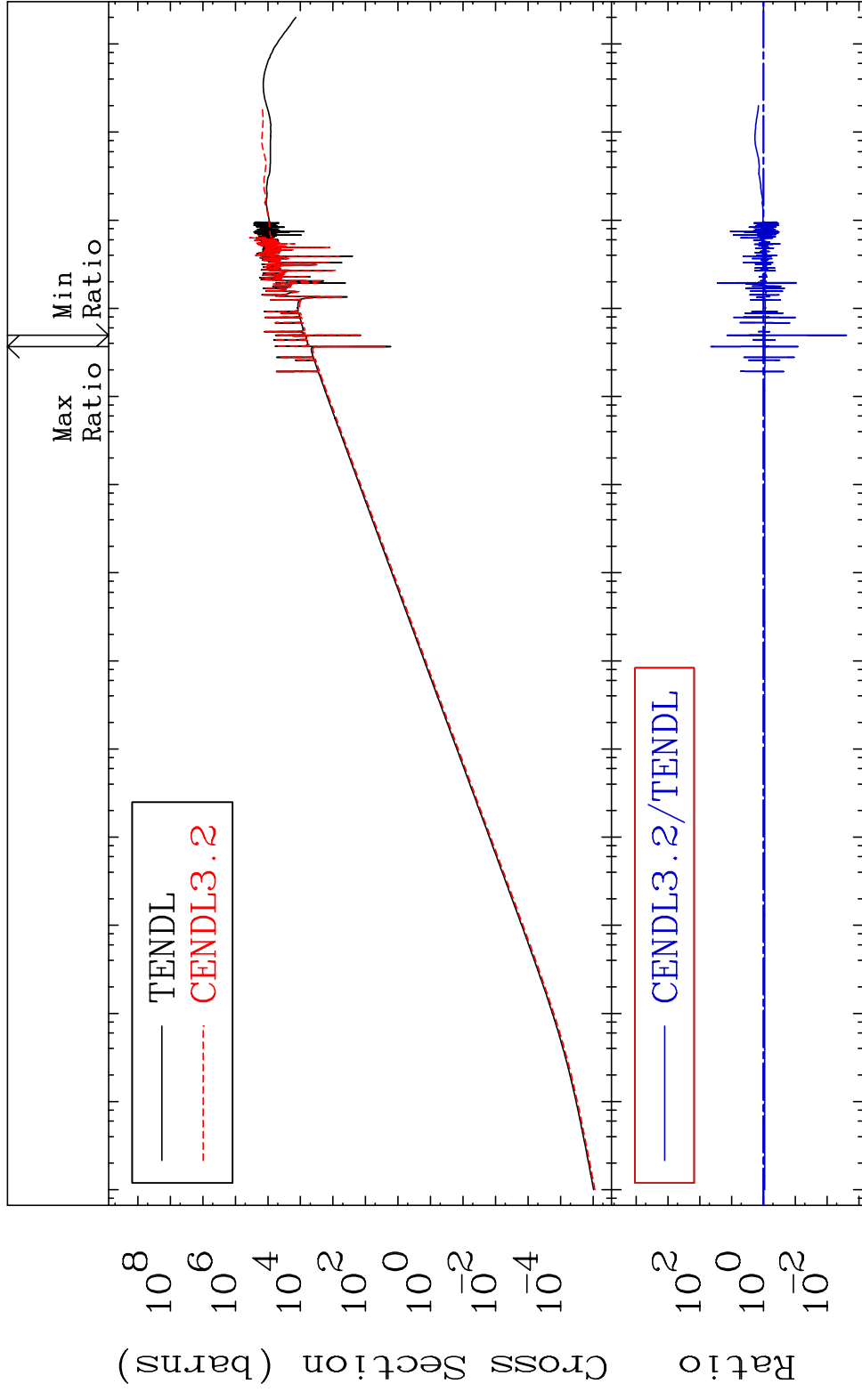
MAT 3649 Kerma total (eV-barns) 36-Kr-86  
 Cross Section -72.51 To 9999. %



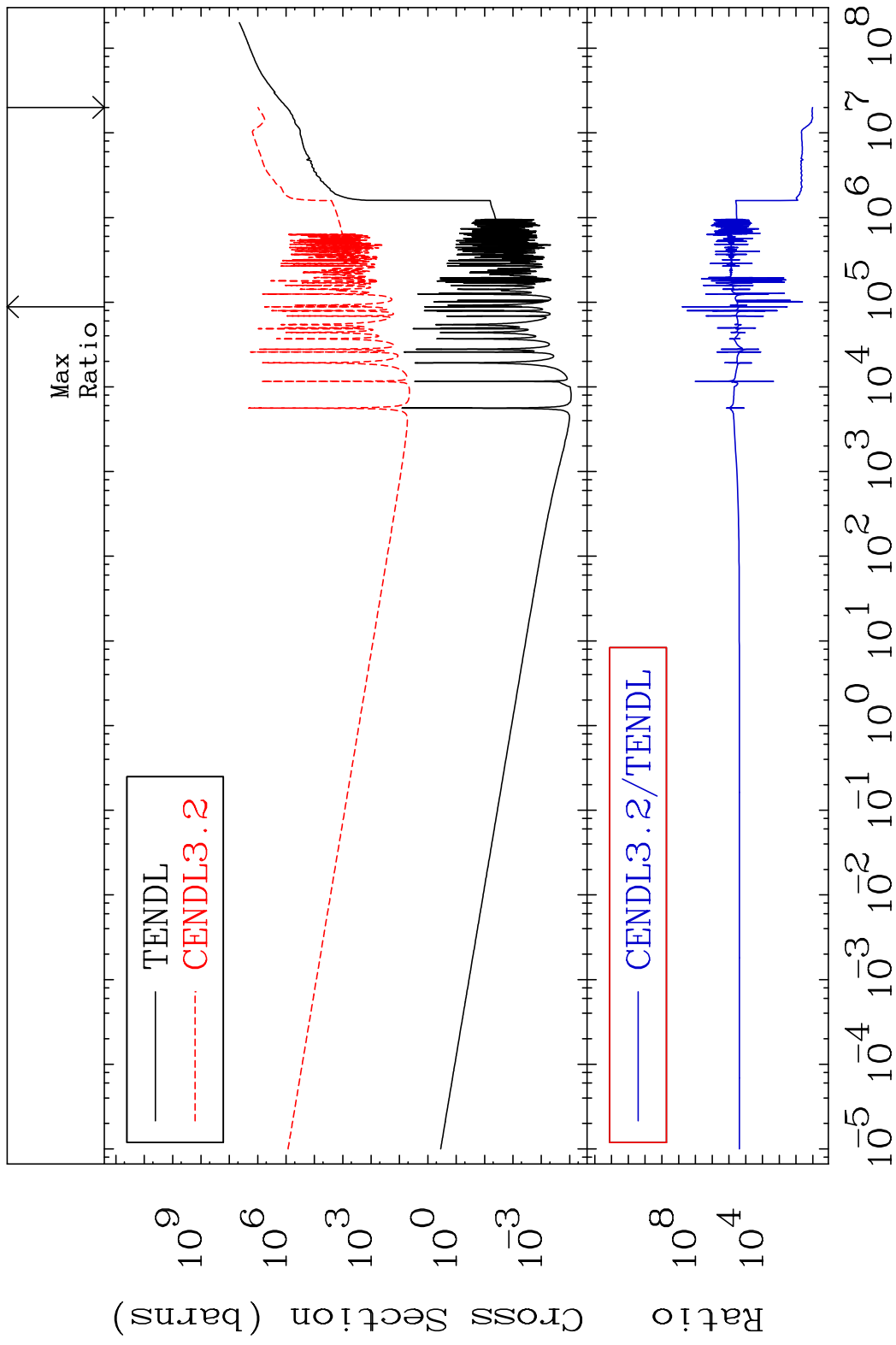
MAT 3649

Kerma elastic  
Cross Section -99.75 To 4444. %

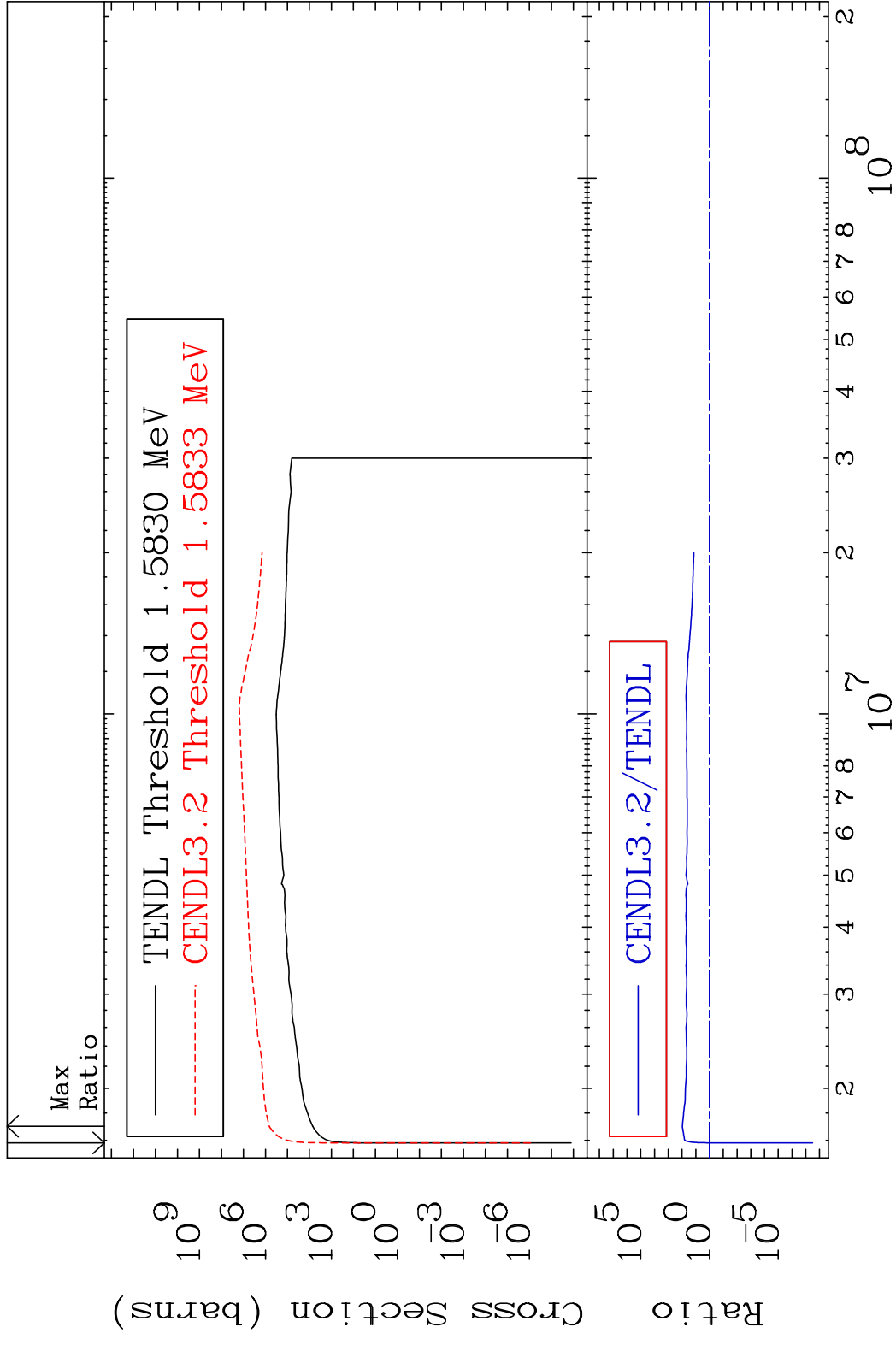
36-Kr-86



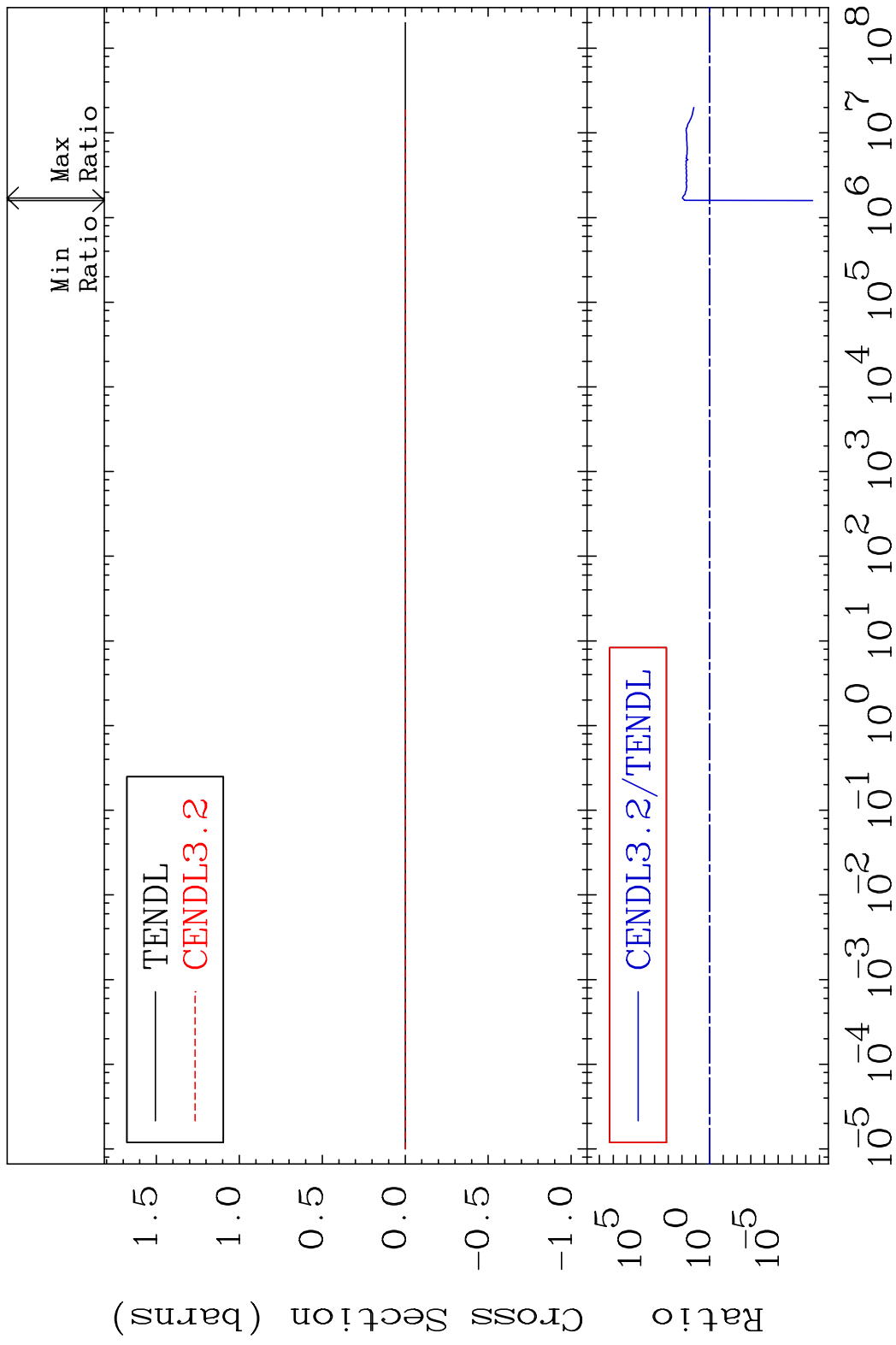
MAT 3649 Kerma non-elastic (all but mt2) 36-Kr-86  
 Cross Section 937.8 To 9999. %



MAT 3649 Kerma inelastic (mt51-91) 36-Kr-86  
 Cross Section -100.0 To 9327. %

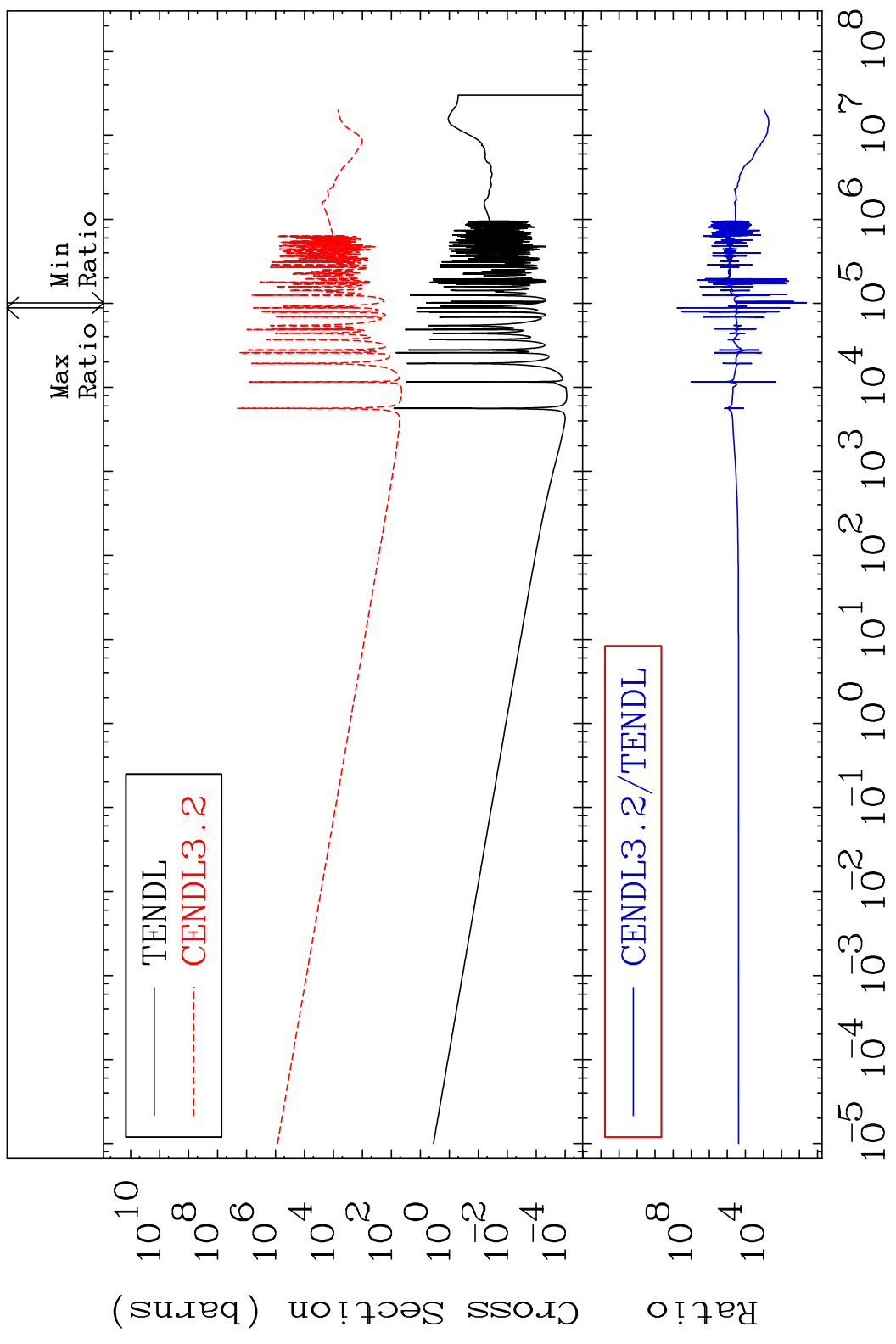


MAT 3649 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-86  
 Cross Section -100.0 To 9327. %

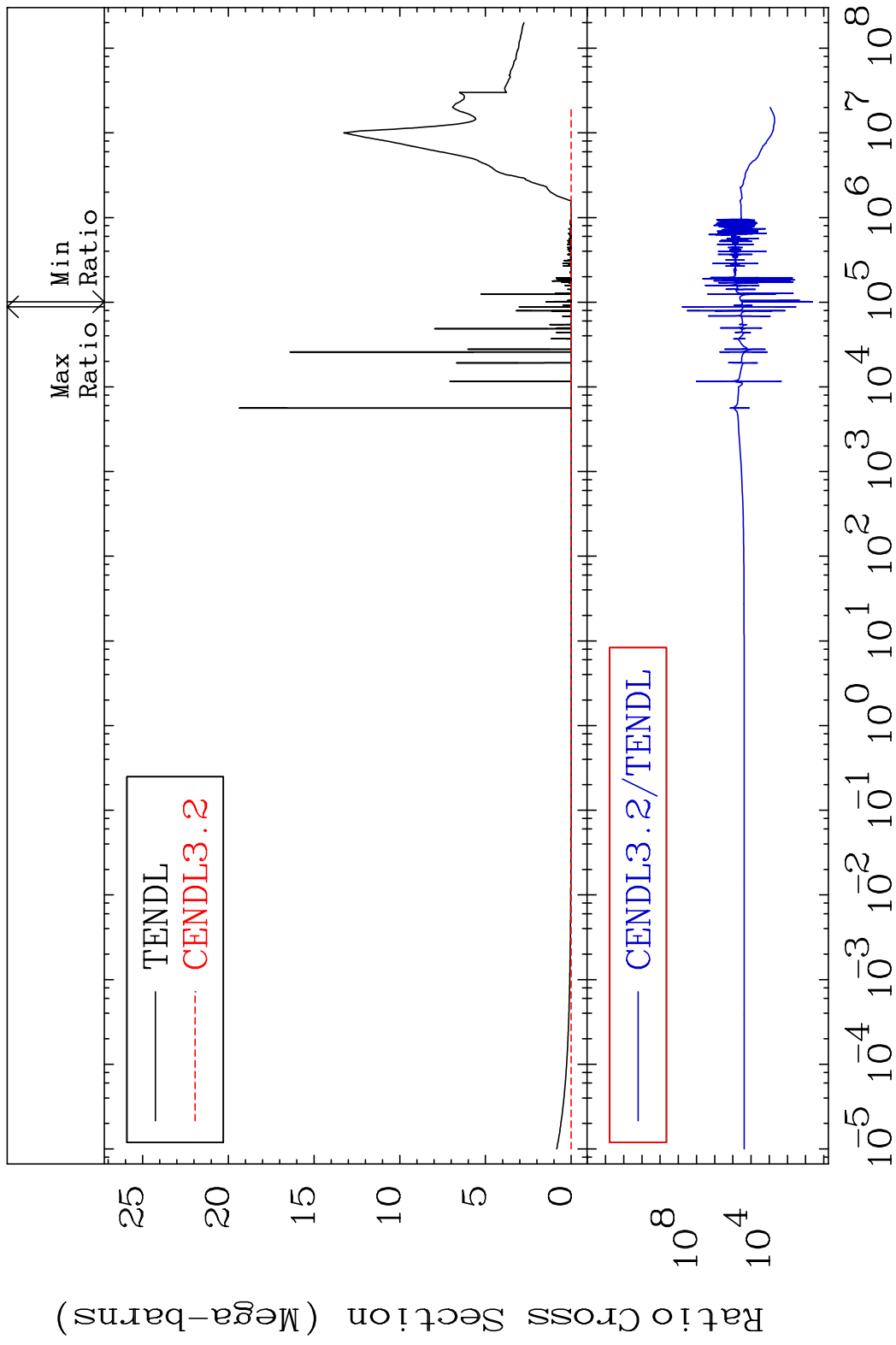


MAT 3649

Kerma capture (mt102) 36-Kr-86  
Cross Section 4067. To 9999. %

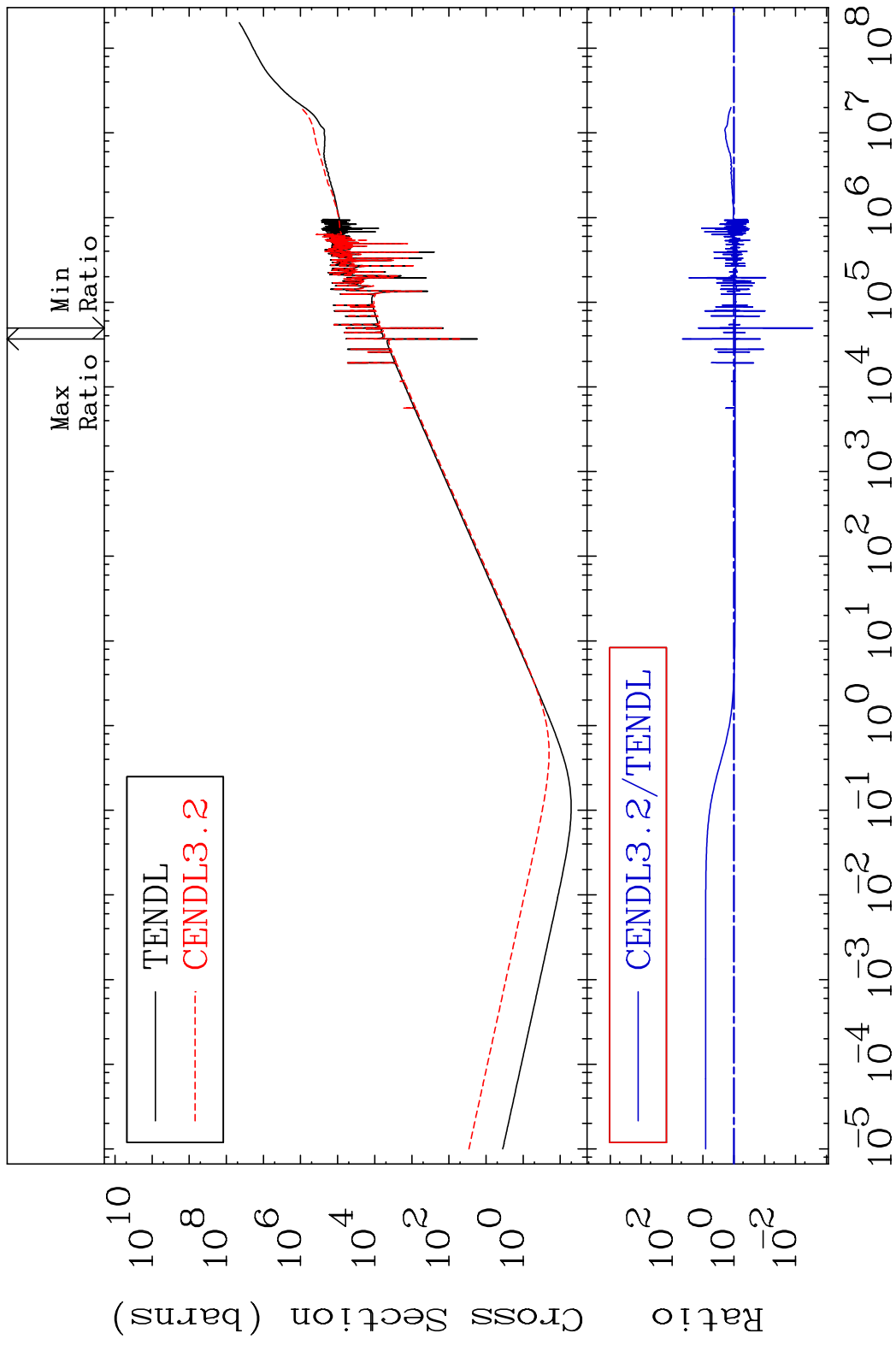


MAT 3649 Total photon (eV-barns) 36-Kr-86  
 Cross Section 4067. To 9999. %

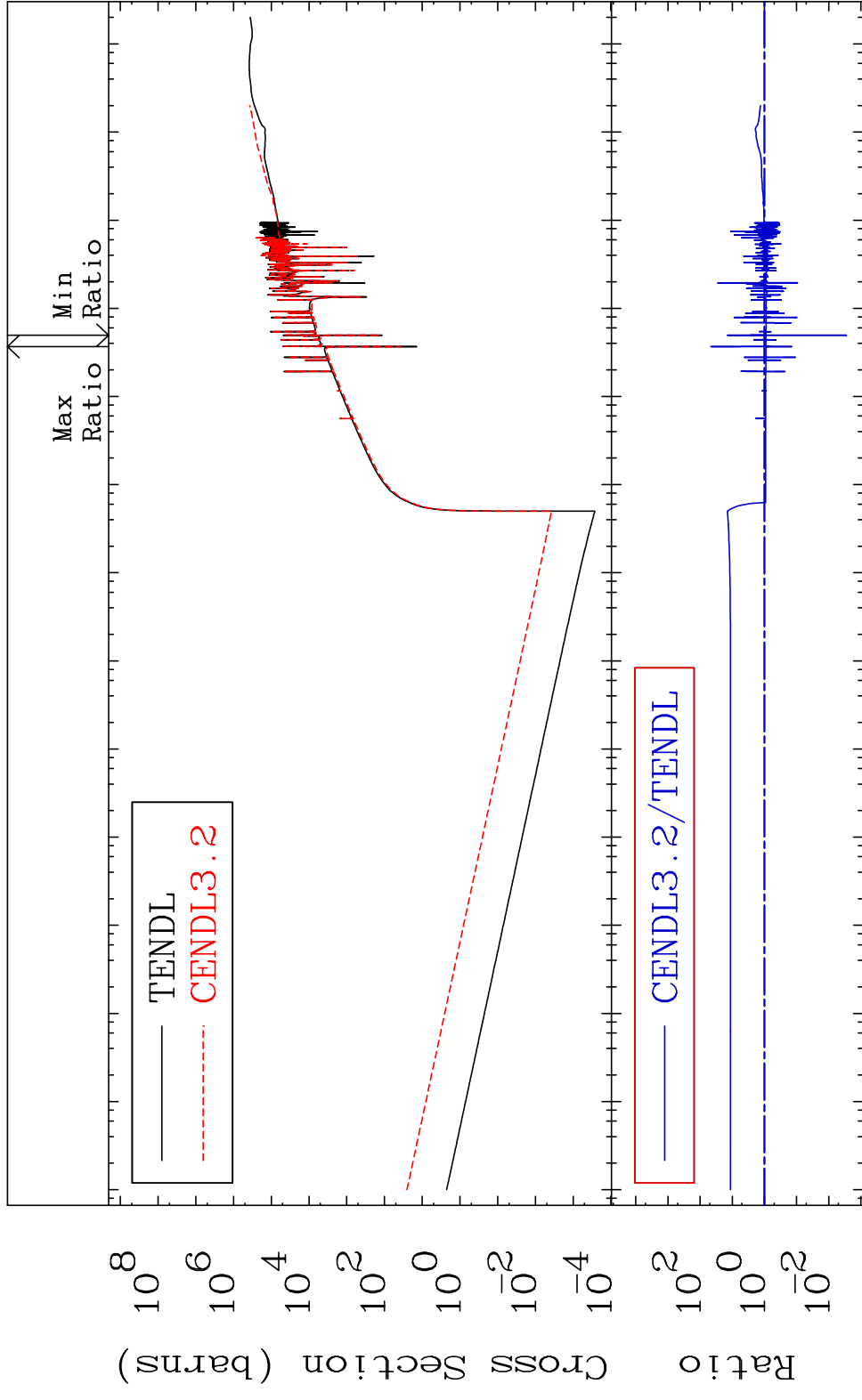


28 Incident Energy (eV) 36-Kr-86

MAT 3649 Total kinematic kerma (high limit) 36-Kr-86  
 Cross Section -99.72 To 4542. %



MAT 3649      Dpa total (eV-barns)      36-Kr-86  
 Cross Section      -99.72 To 4574. %



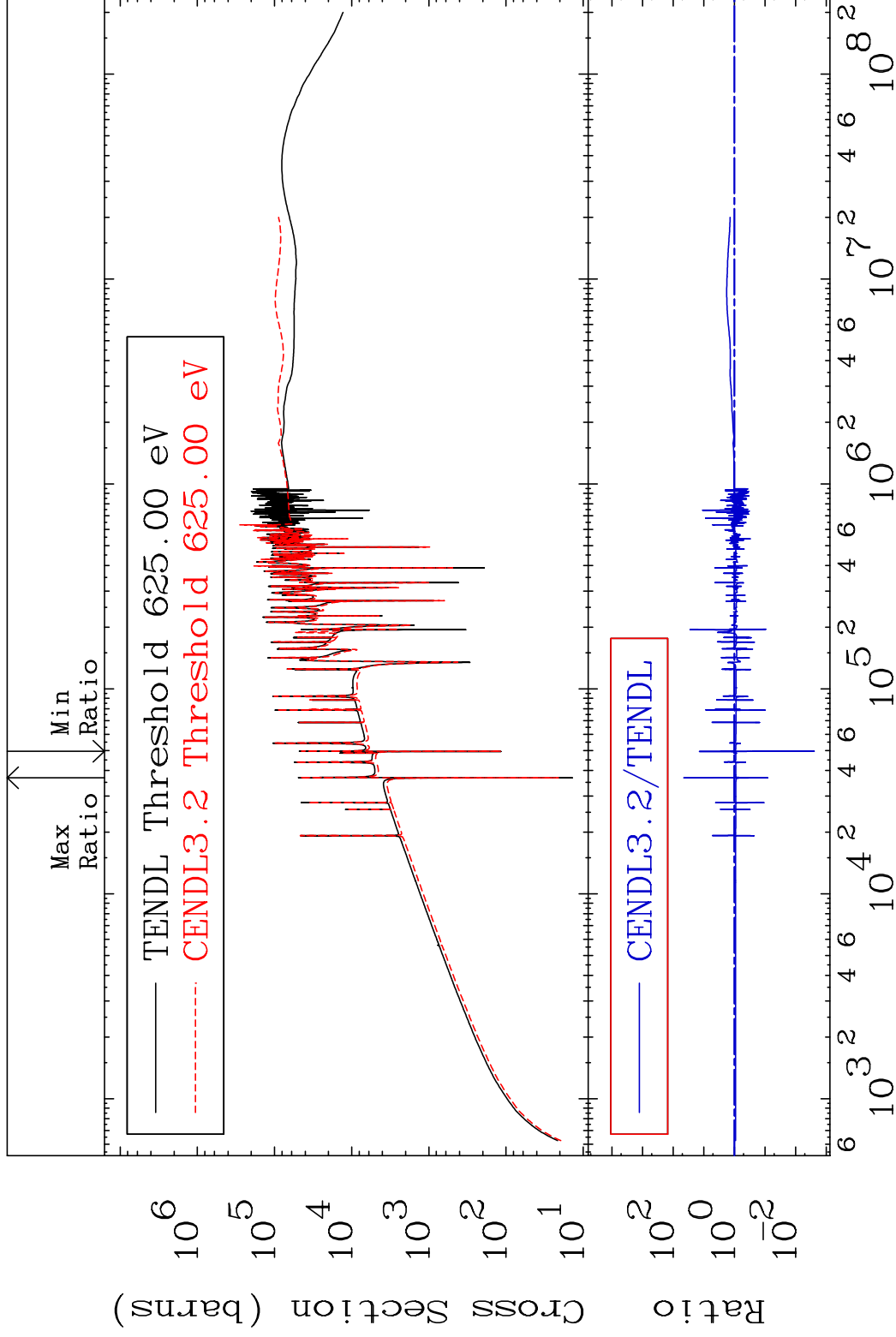
30      Incident Energy (eV)      36-Kr-86

MAT 3649

Dpa elastic (mt2)

36-Kr-86

Cross Section -99.75 To 4446. %

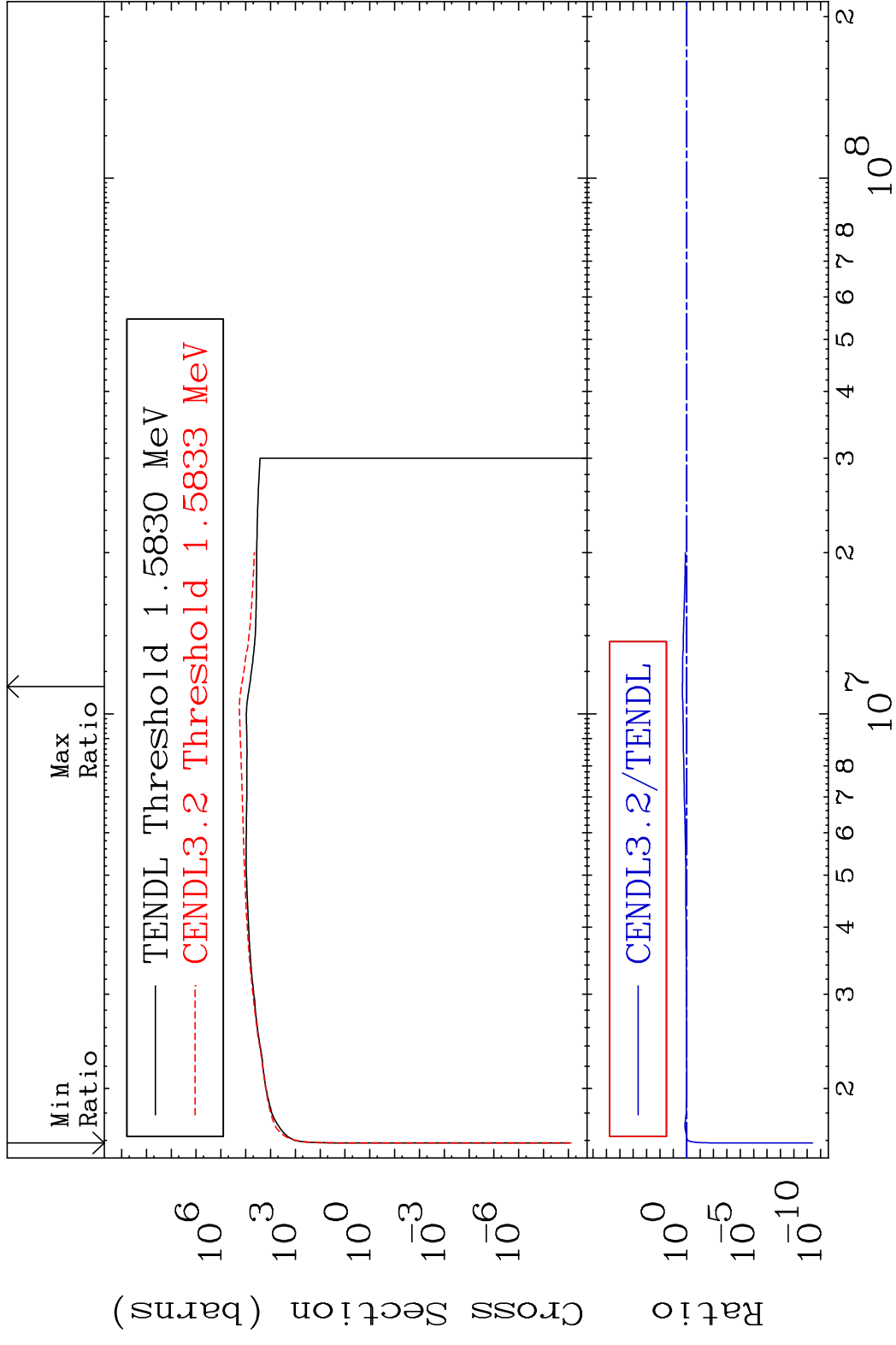


31

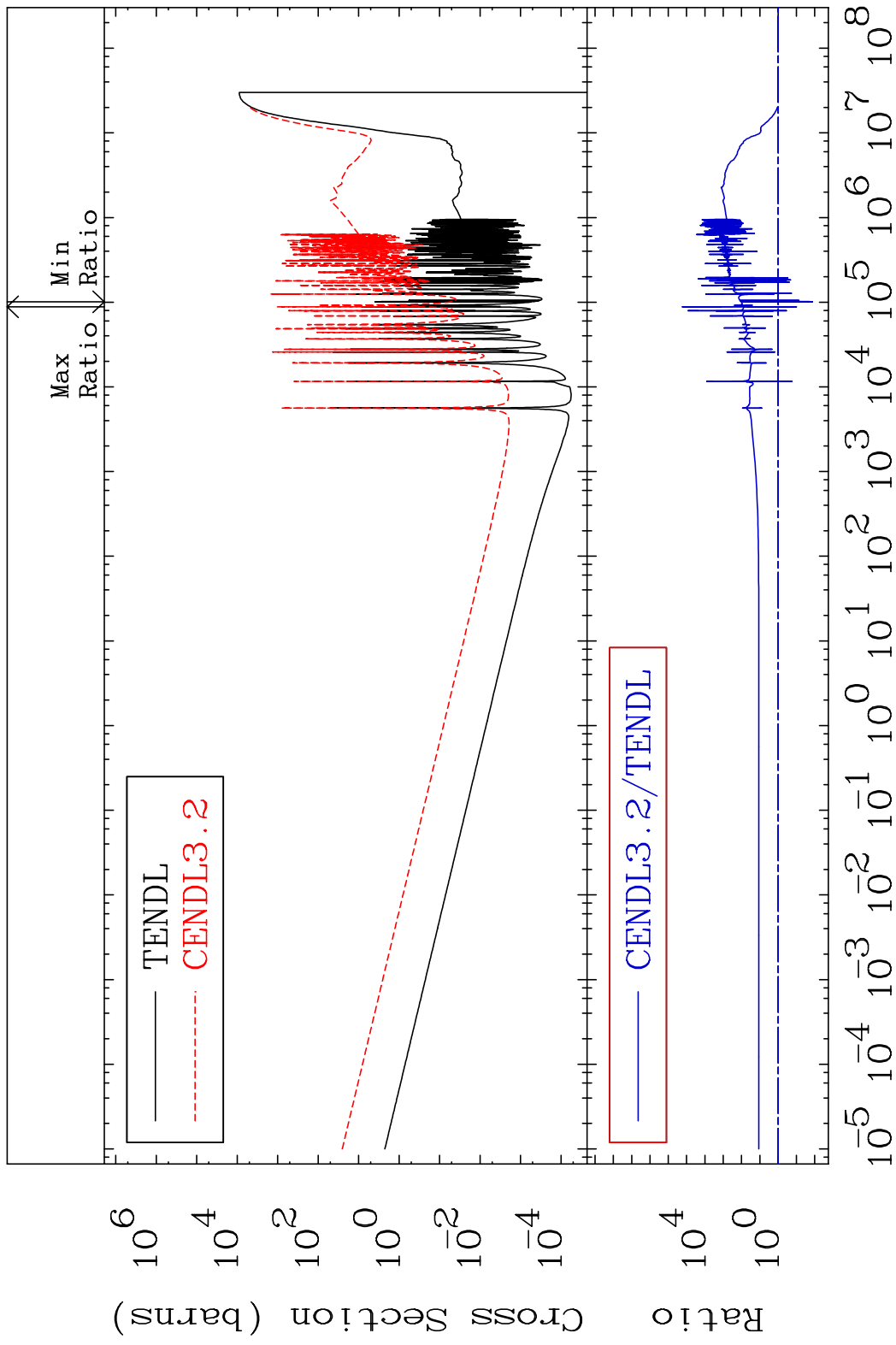
Incident Energy (eV)

36-Kr-86

MAT 3649 Dpa inelastic (mt51-91) 36-Kr-86  
 Cross Section -100.0 To 113.2 %



MAT 3649 Dpa disappearance (mt102 -120) 36-Kr-86  
 Cross Section -98.68 To 9999. %



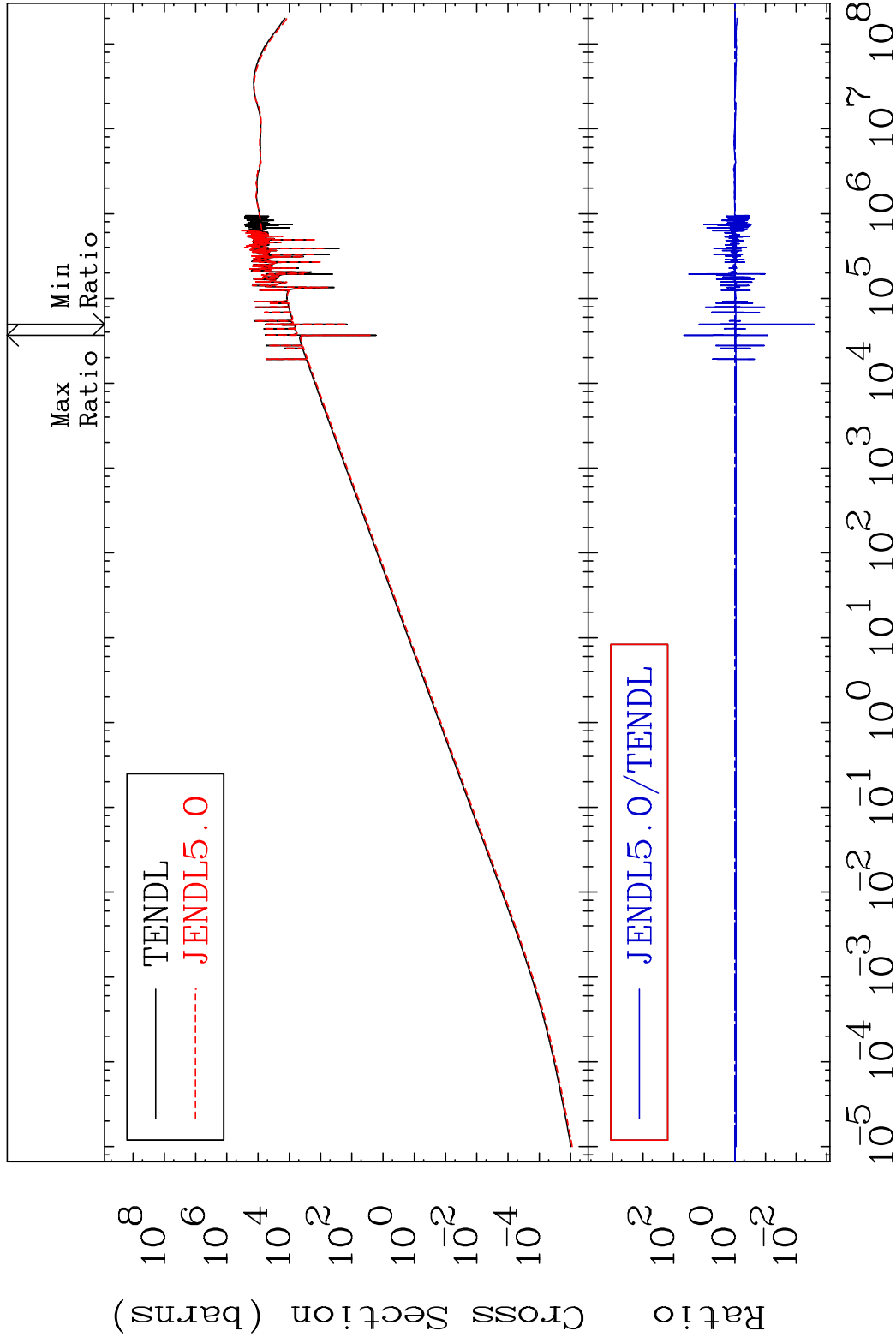
33 Incident Energy (eV) 36-Kr-86

MAT 3649

Kerma elastic

36-Kr-86

Cross Section -99.74 To 4578. %

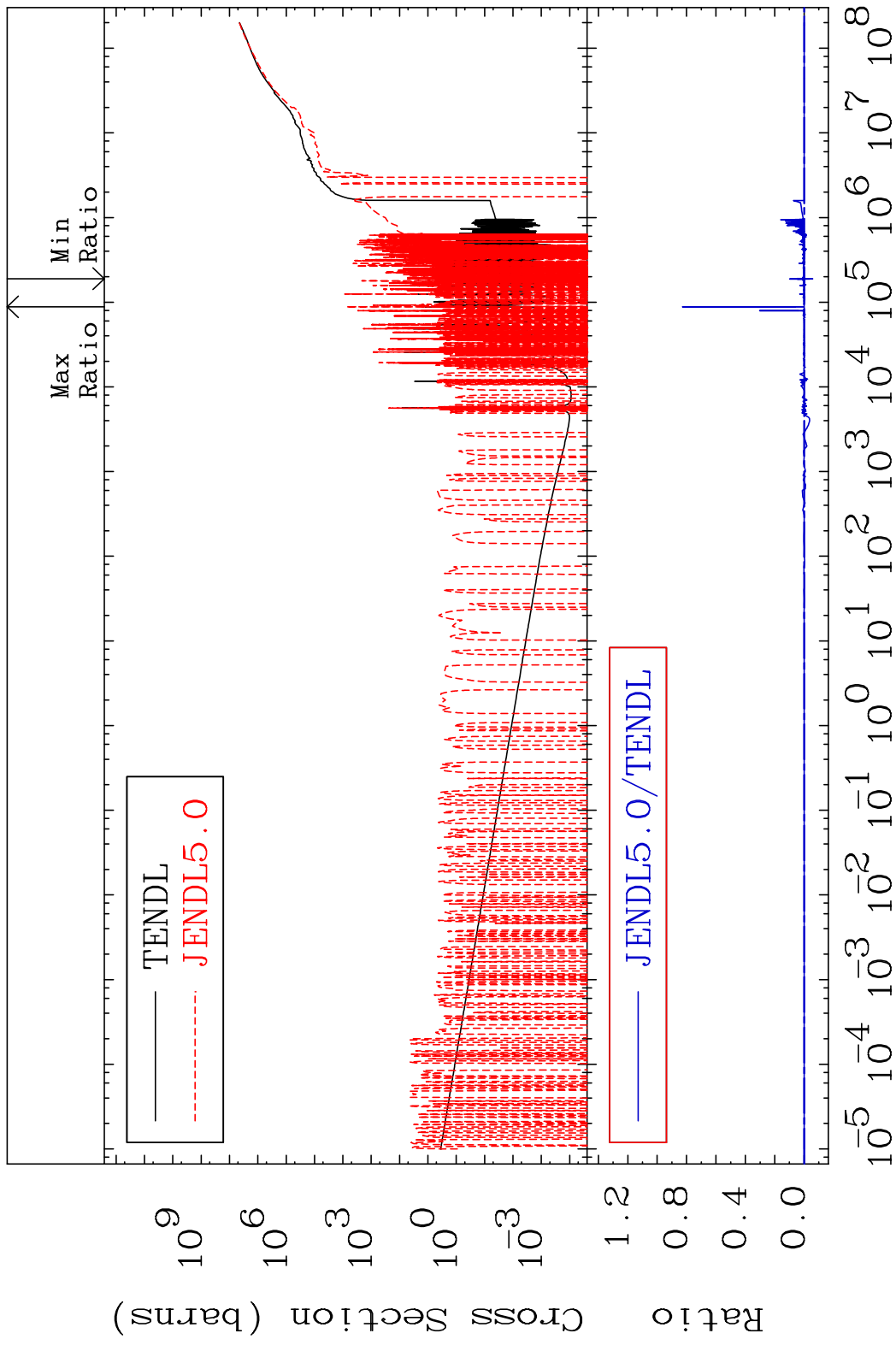


34

Incident Energy (eV)

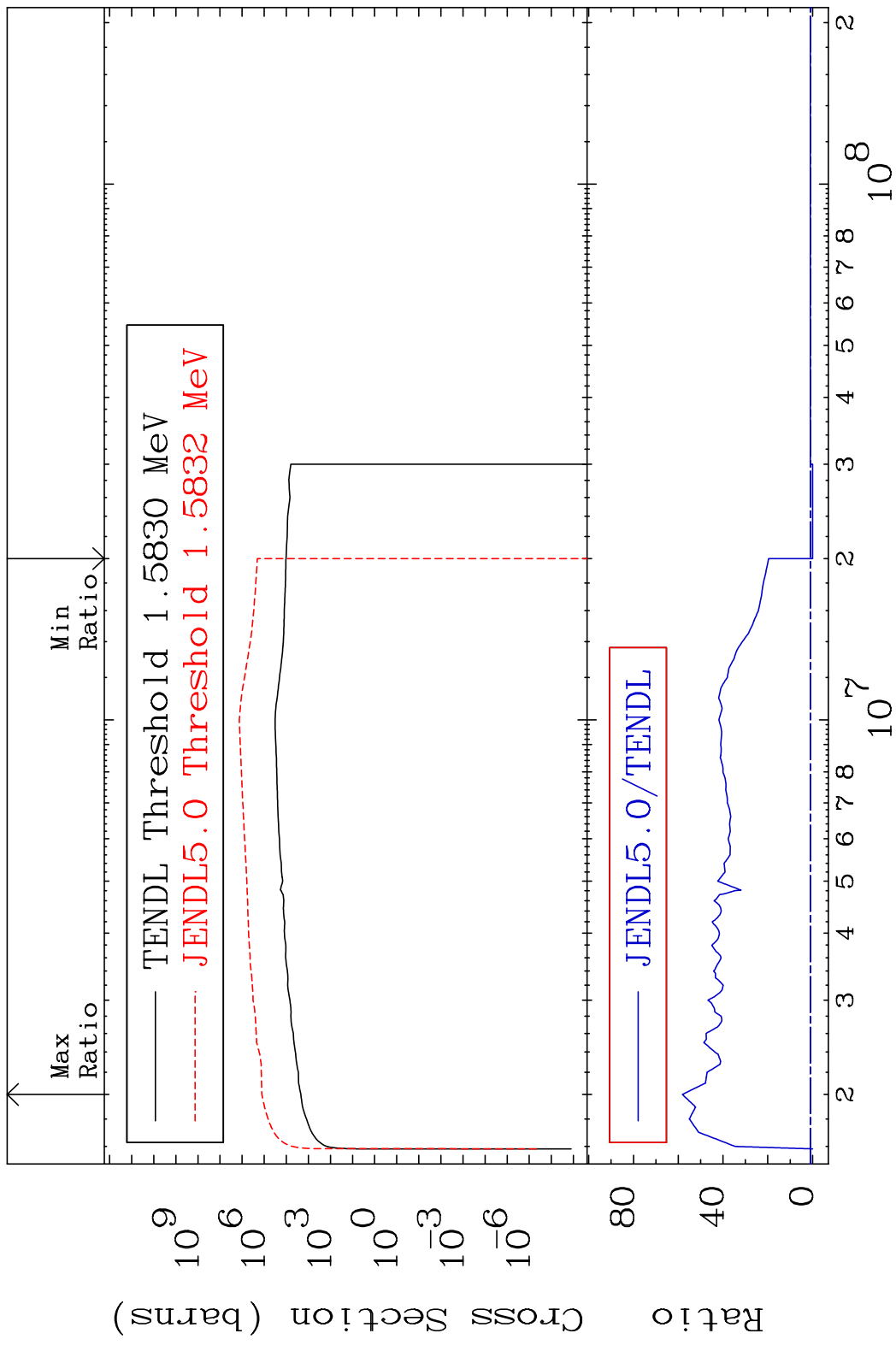
36-Kr-86

MAT 3649 Kerma non-elastic (all but mt2) 36-Kr-86  
 Cross Section -9999. To 9999. %



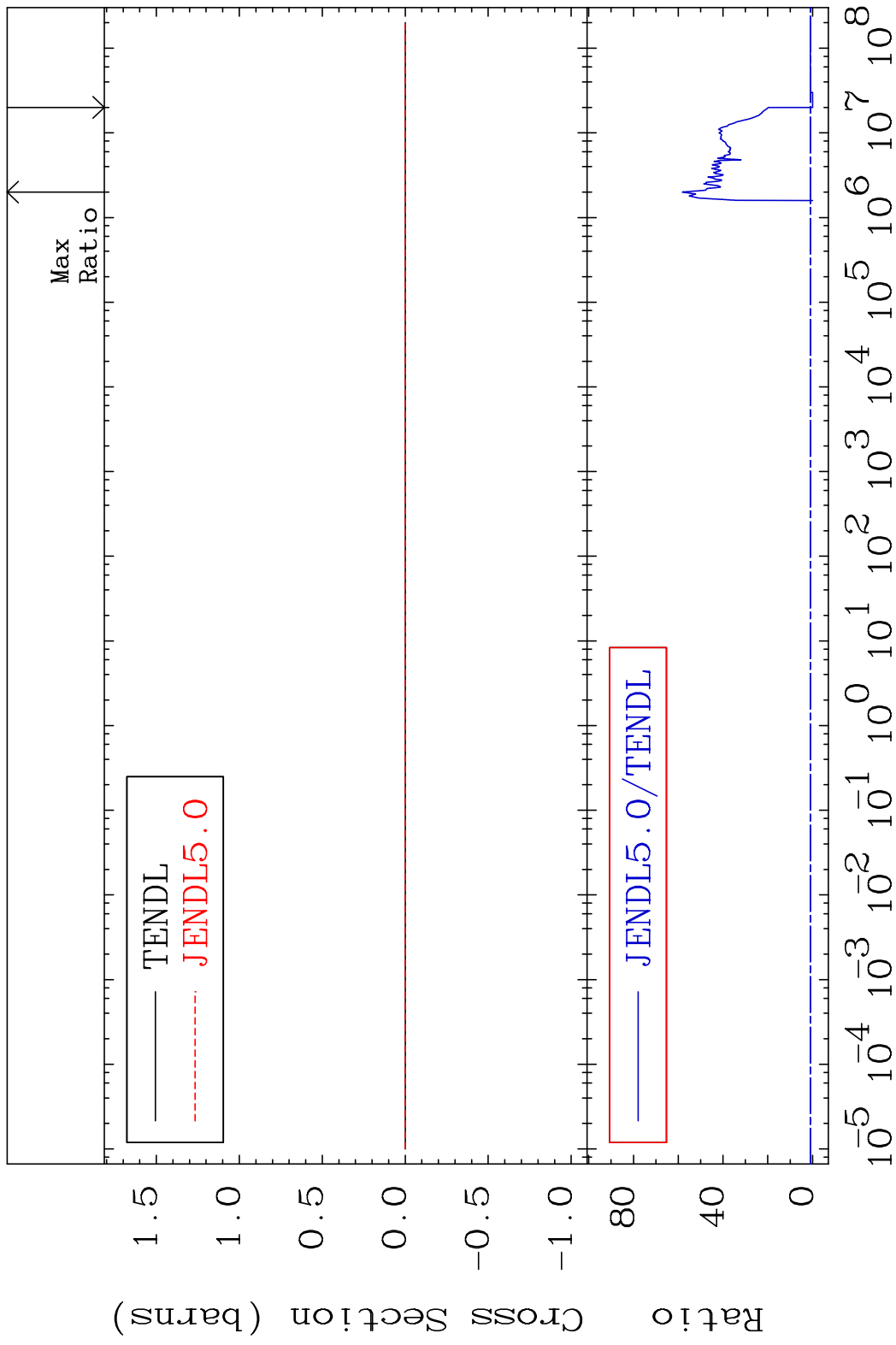
35 Incident Energy (eV) 36-Kr-86

MAT 3649 Kerma inelastic (mt51-91) 36-Kr-86  
 Cross Section -100.0 To 5717. %

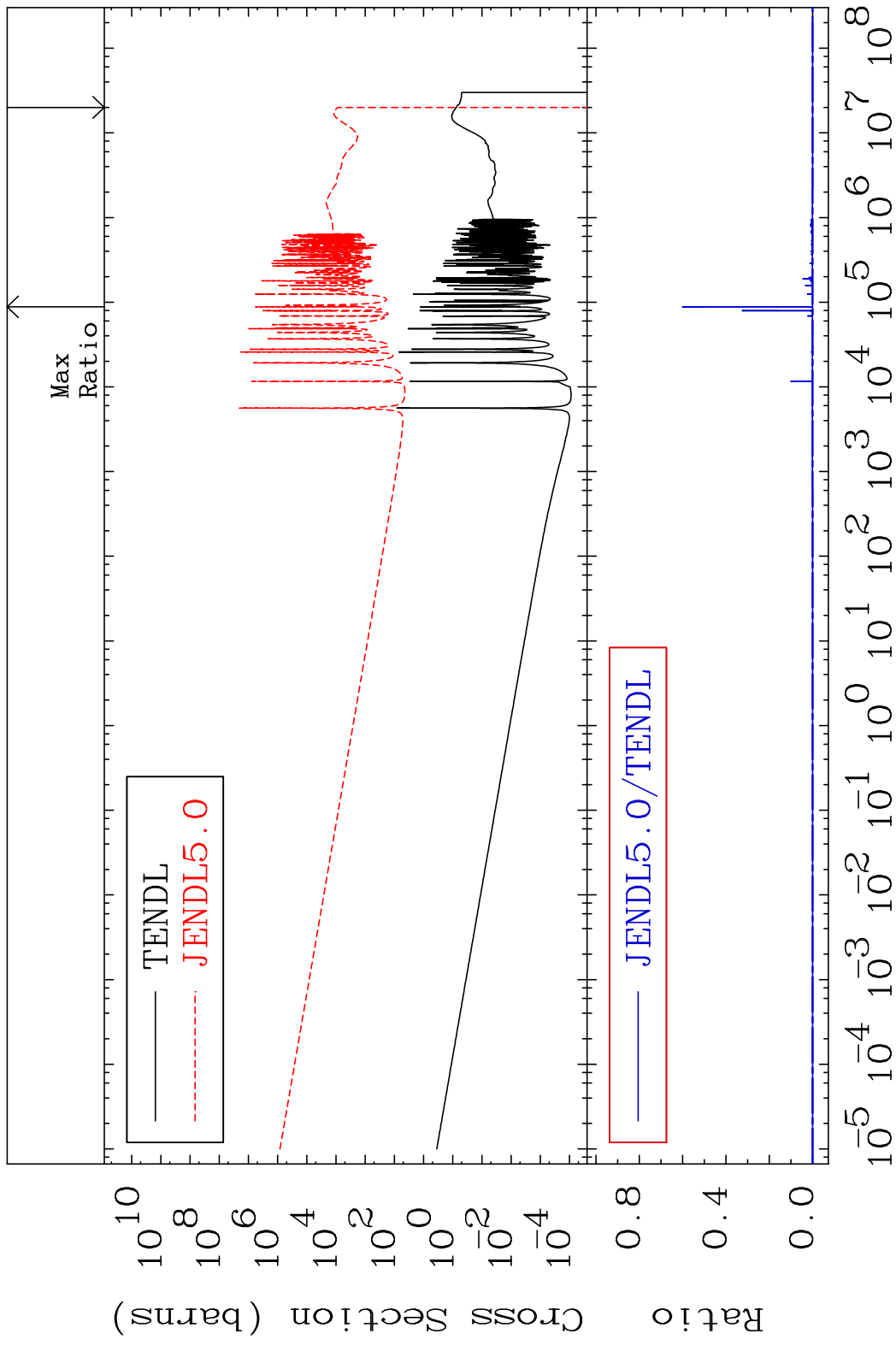


36 Incident Energy (eV) 36-Kr-86

MAT 3649 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-86  
 Cross Section -100.0 To 5717. %

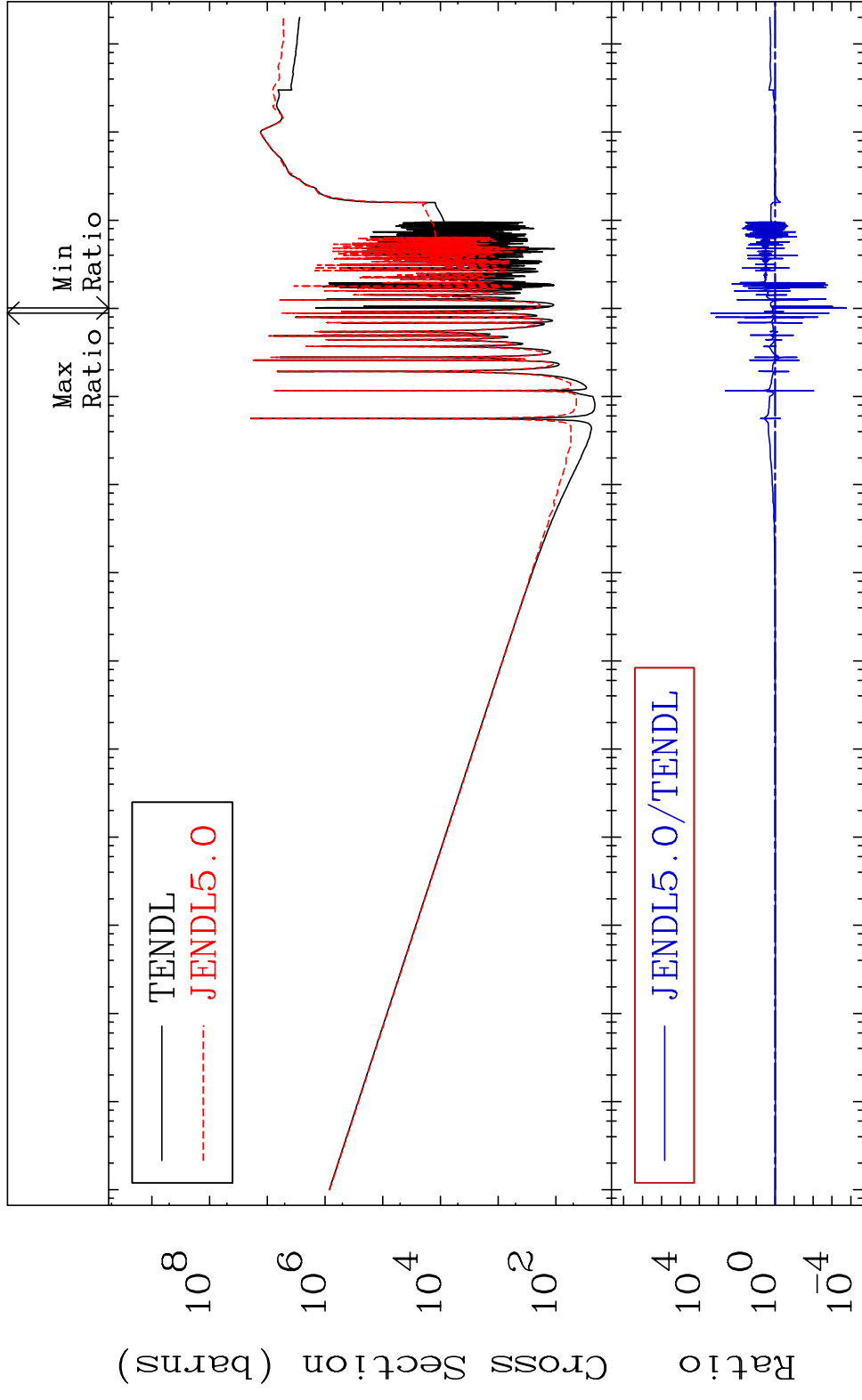


MAT 3649 Kerma capture (mt102) 36-Kr-86  
 Cross Section -100.0 To 9999. %



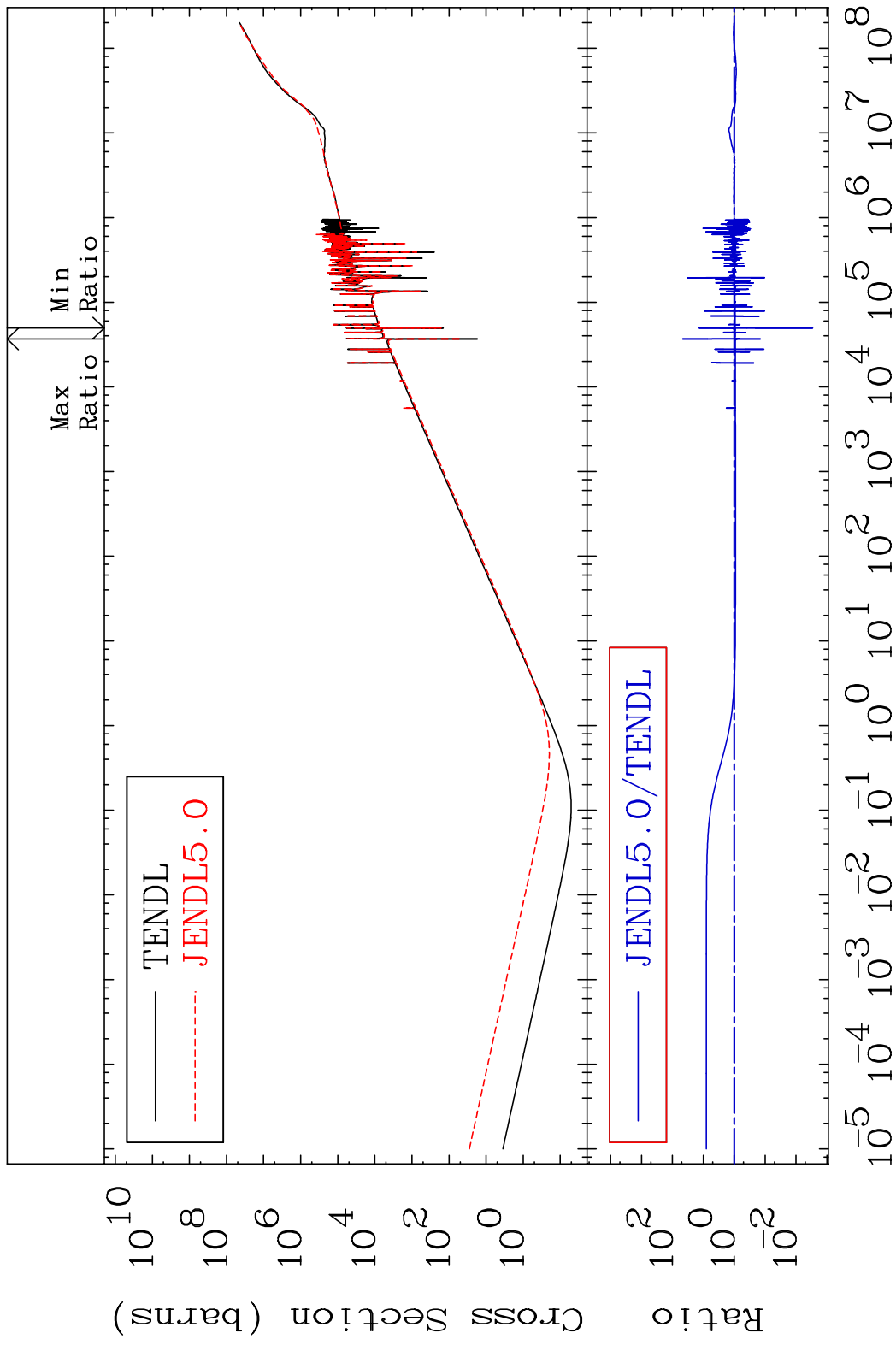
38 Incident Energy (eV) 36-Kr-86

MAT 3649 Total photon (eV-barns) 36-Kr-86  
 Cross Section -99.98 To 9999. %



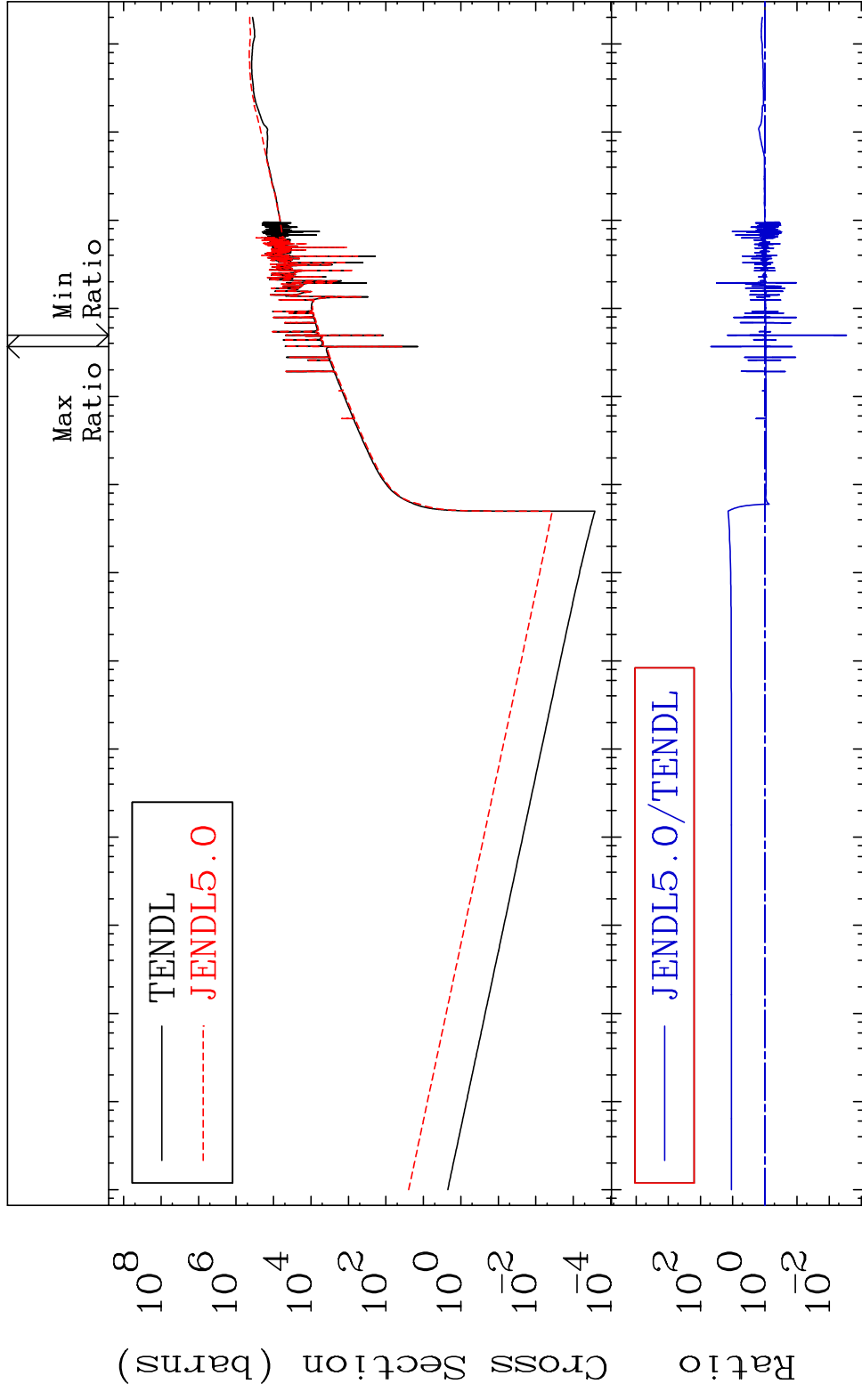
39 Incident Energy (eV) 36-Kr-86

MAT 3649 Total kinematic kerma (high limit) 36-Kr-86  
Cross Section -99.71 To 4673. %



40 Incident Energy (eV) 36-Kr-86

MAT 3649      Dpa total (eV-barns)      36-Kr-86  
 Cross Section      -99.71 To 4703. %

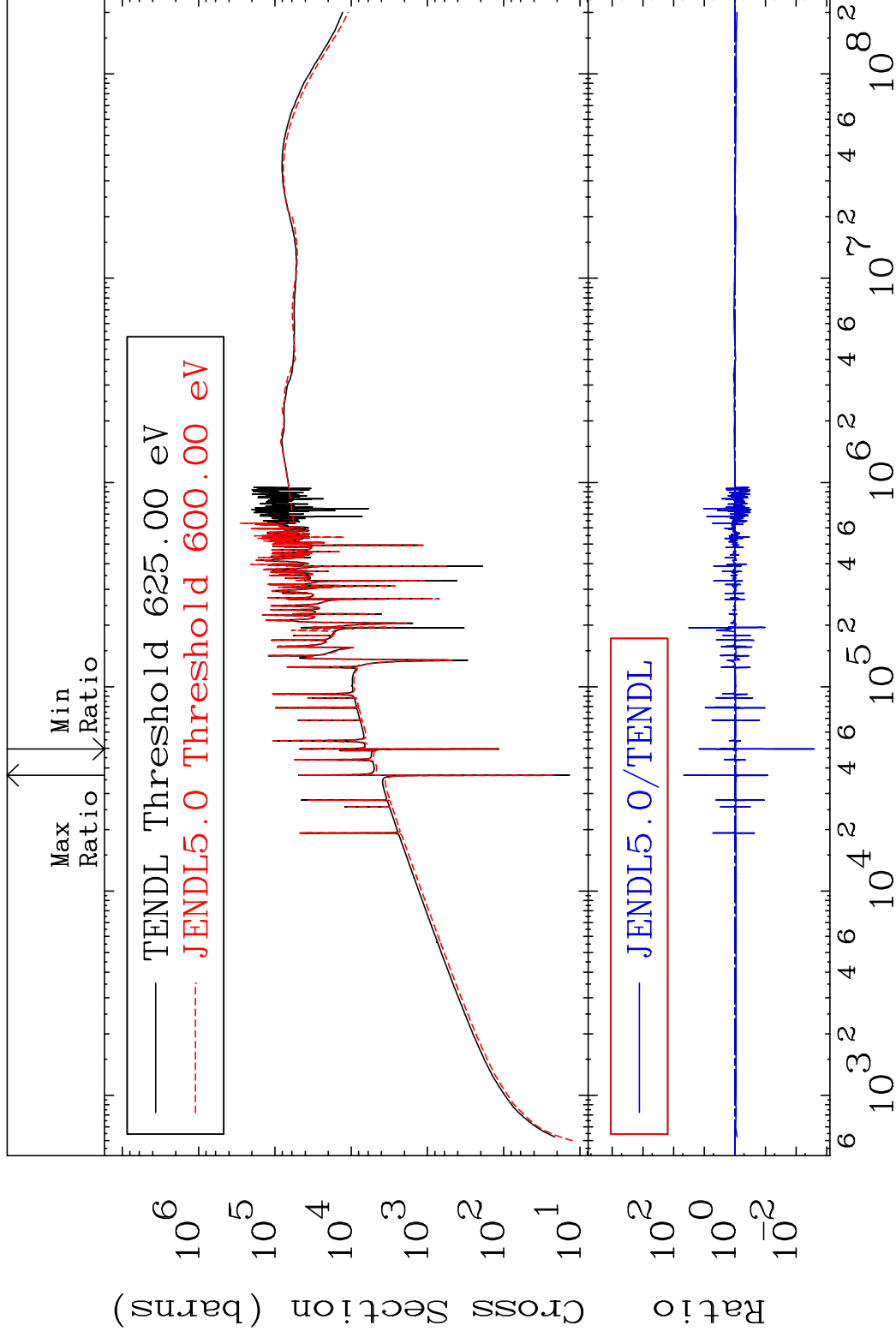


MAT 3649

Dpa elastic (mt2)

36-Kr-86

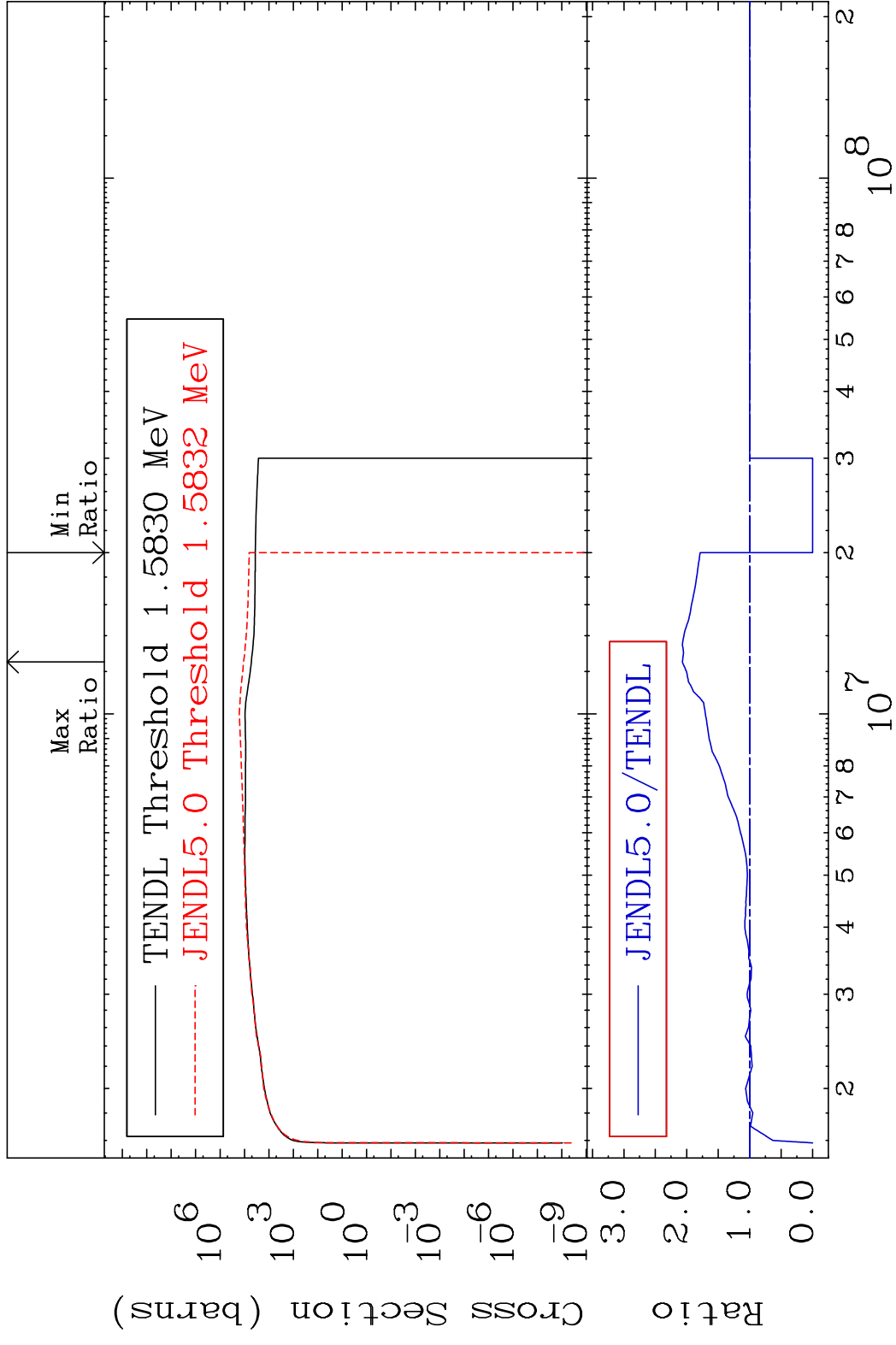
Cross Section -99.74 To 4578. %



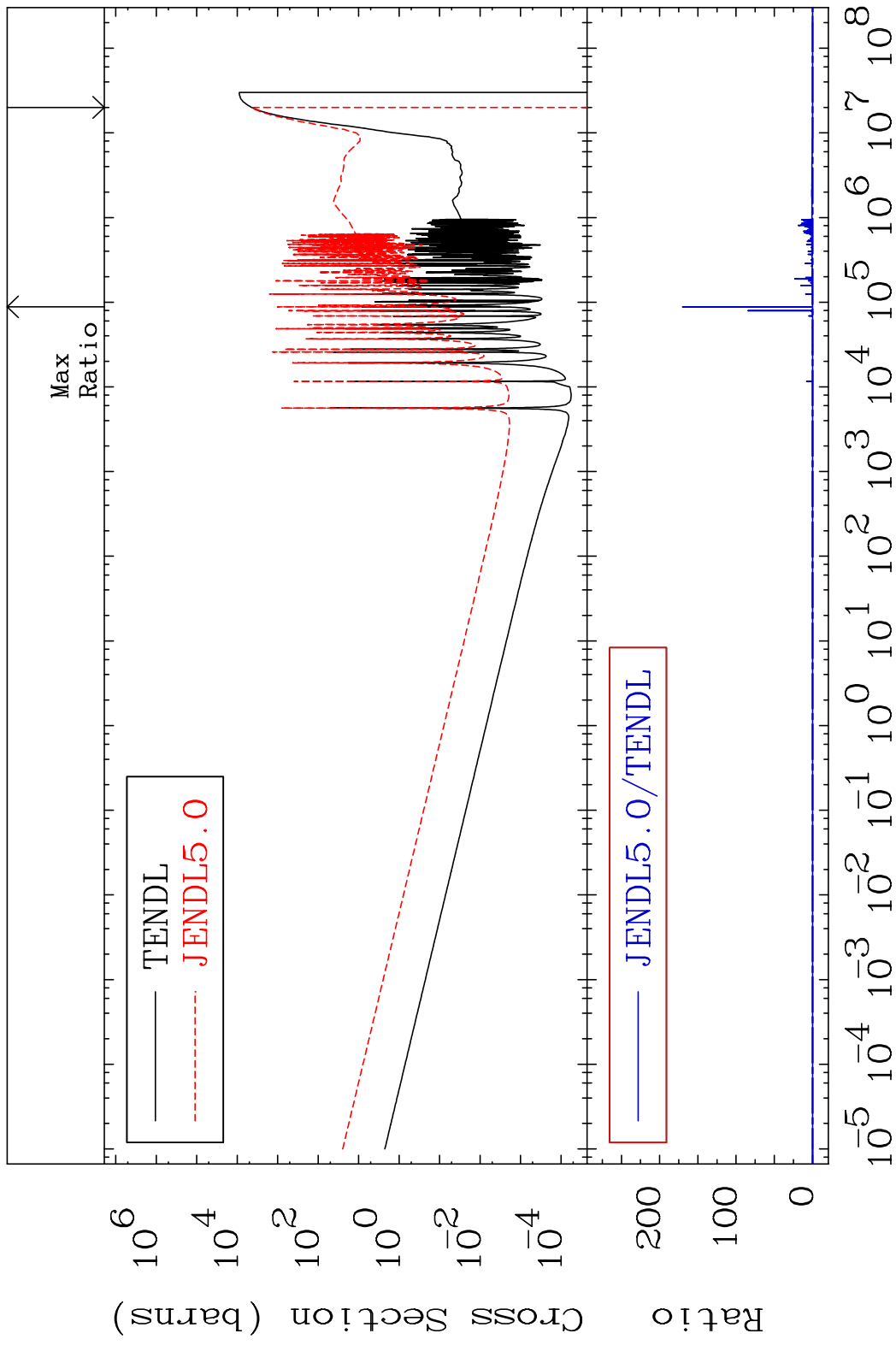
42

Incident Energy (eV)

36-Kr-86



MAT 3649 Dpa disappearance (mt102 -120) 36-Kr-86  
 Cross Section -100.0 To 9999. %



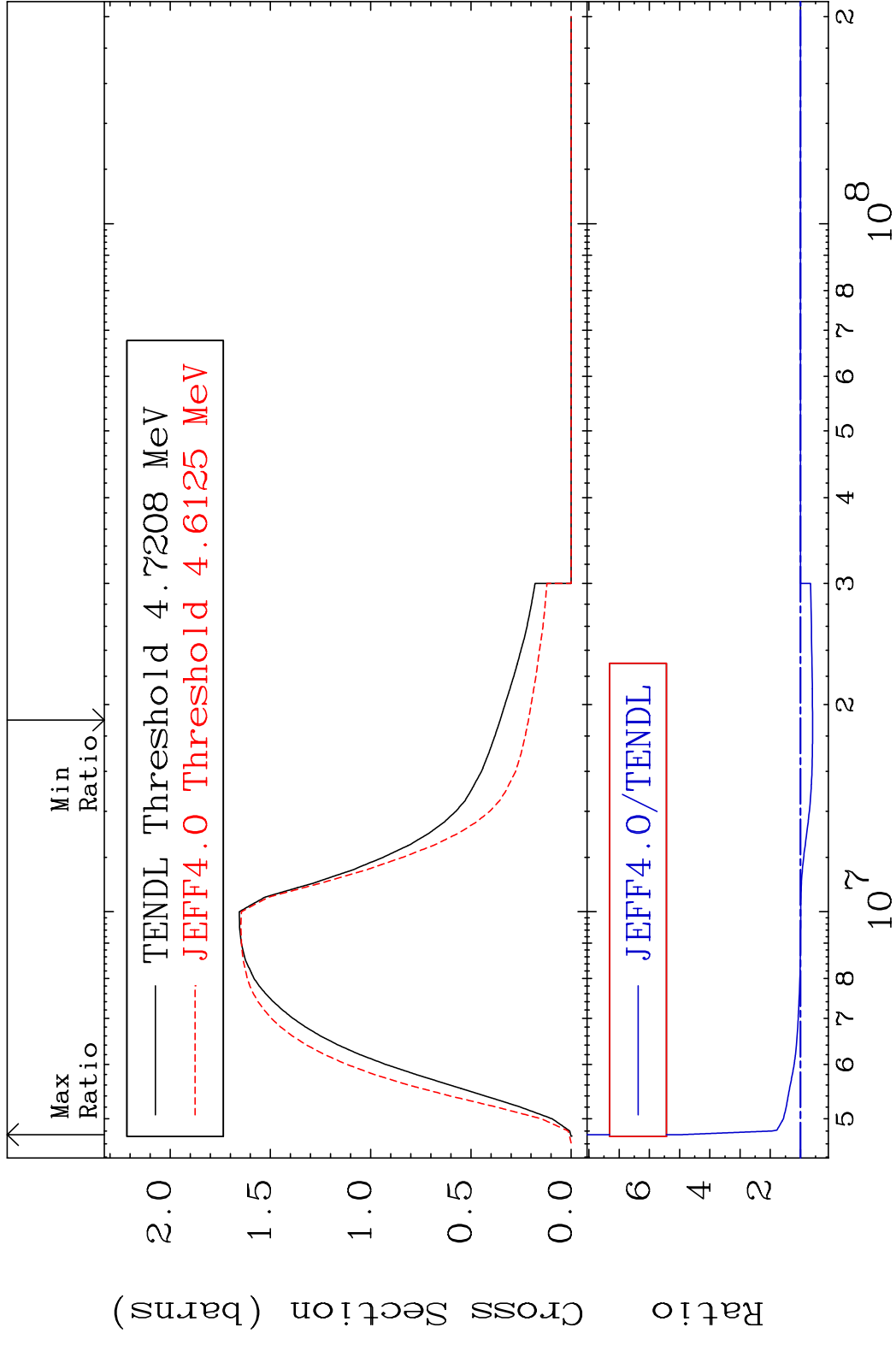
44 Incident Energy (eV) 36-Kr-86

MAT 3649

(n,n') Continuum

36-Kr-86

Cross Section -39.80 To 390.8 %



45

Incident Energy (eV)

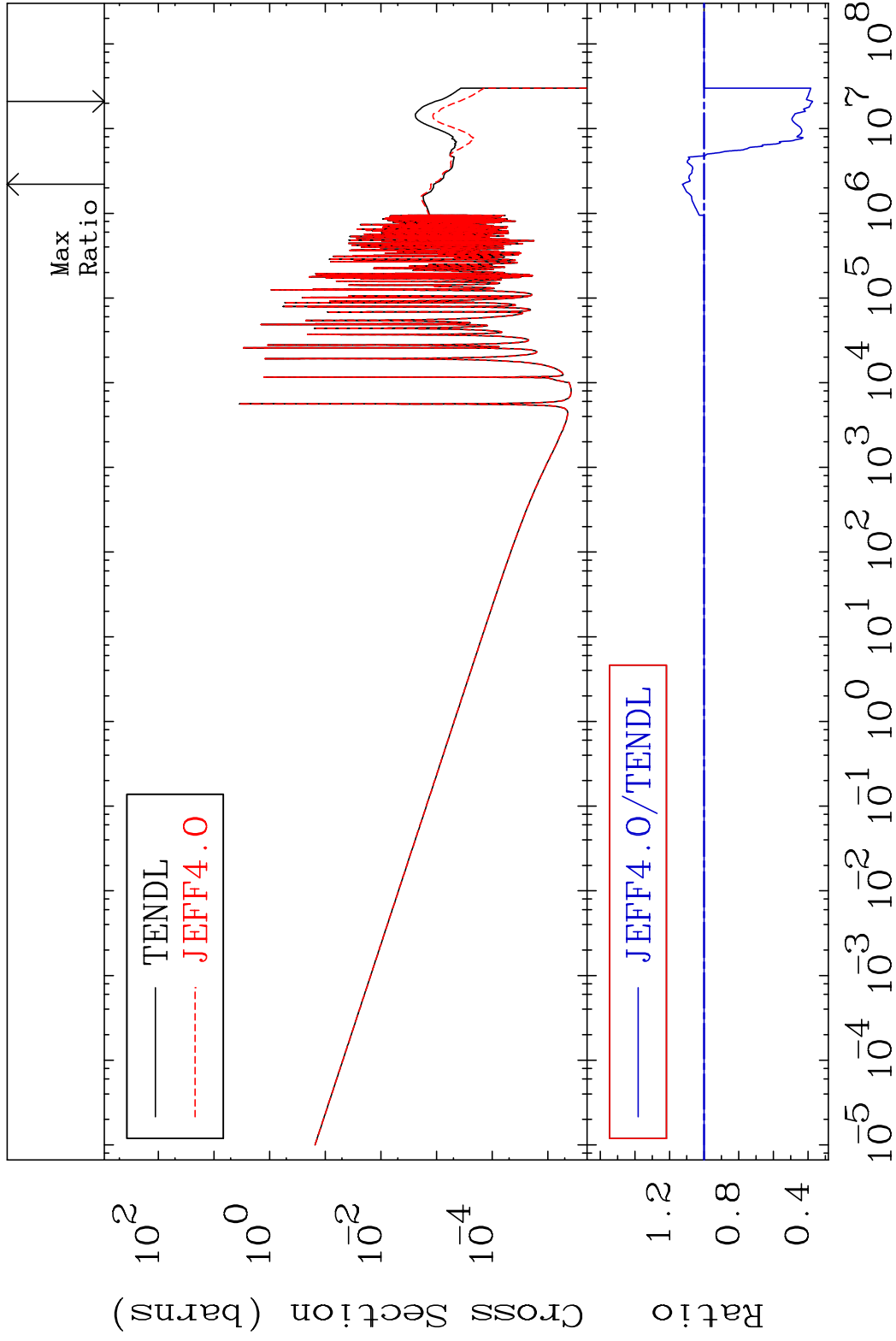
36-Kr-86

MAT 3649

(n,  $\gamma$ )

36-Kr-86

Cross Section -62.64 To 12.59 %



46

Incident Energy (eV)

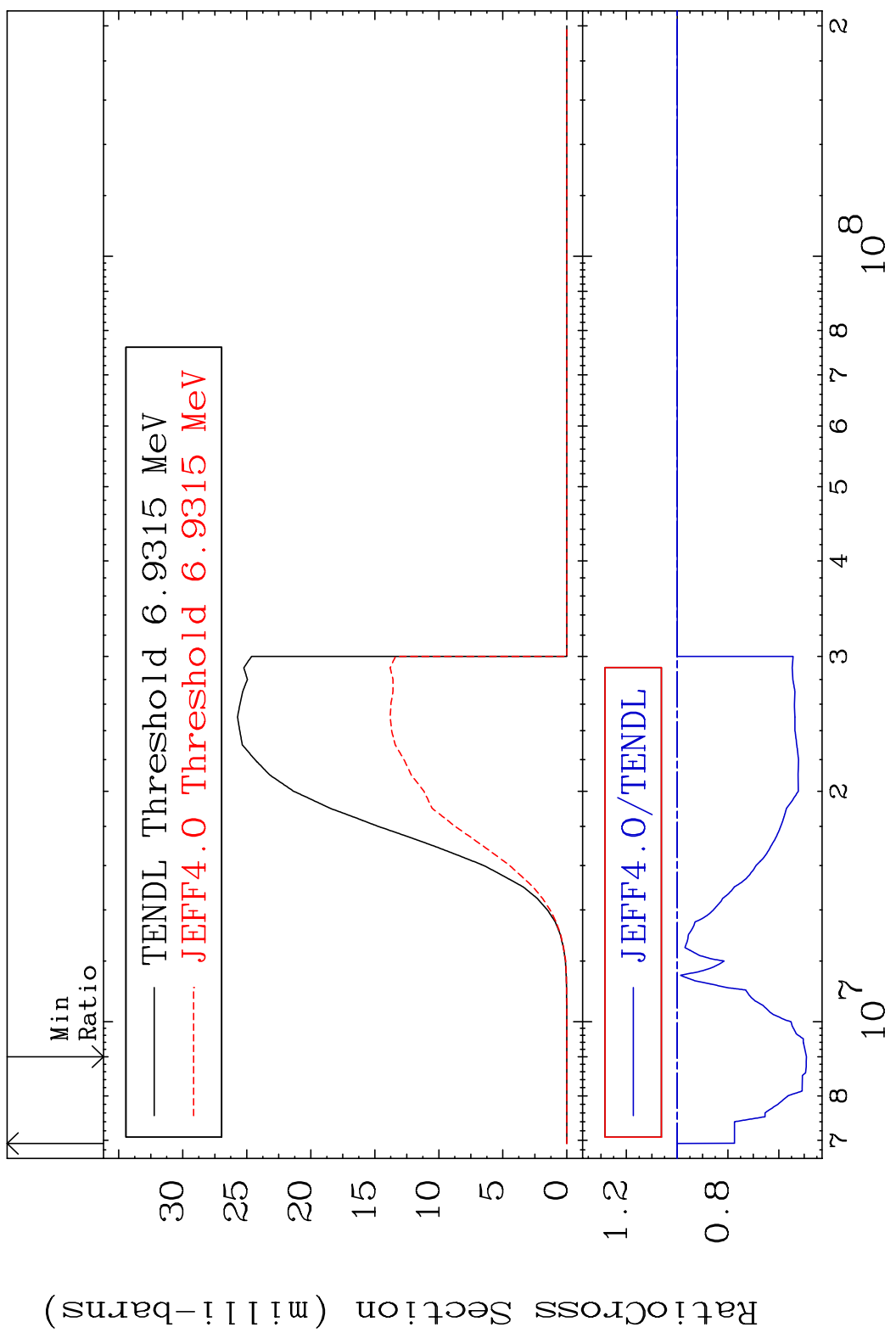
36-Kr-86

MAT 3649

(n, p)

36-Kr-86

Cross Section -50.90 To 0.000 %



47

Incident Energy (eV)

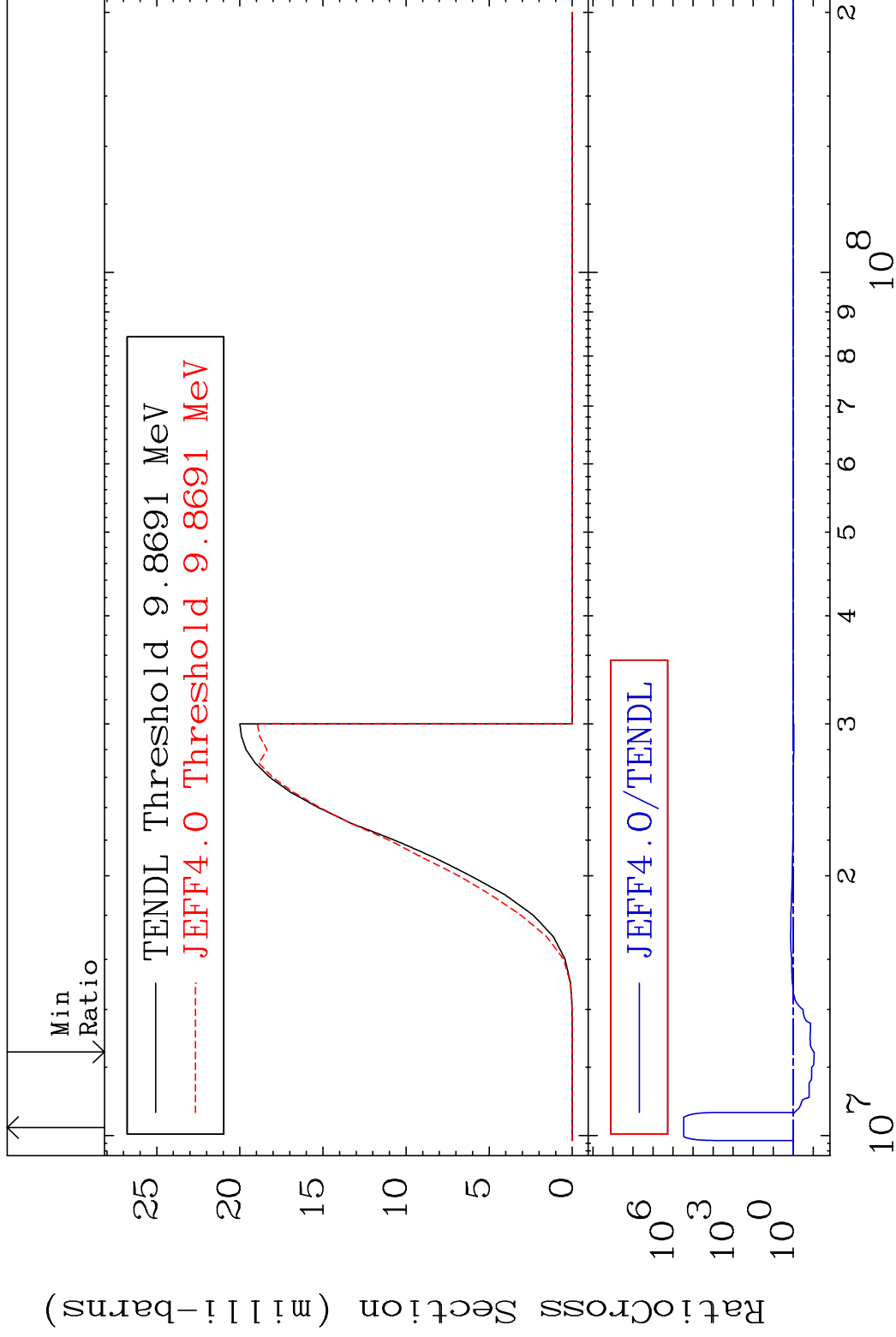
36-Kr-86

MAT 3649

(n, d)

36-Kr-86

Cross Section -90.90 To 9999. %

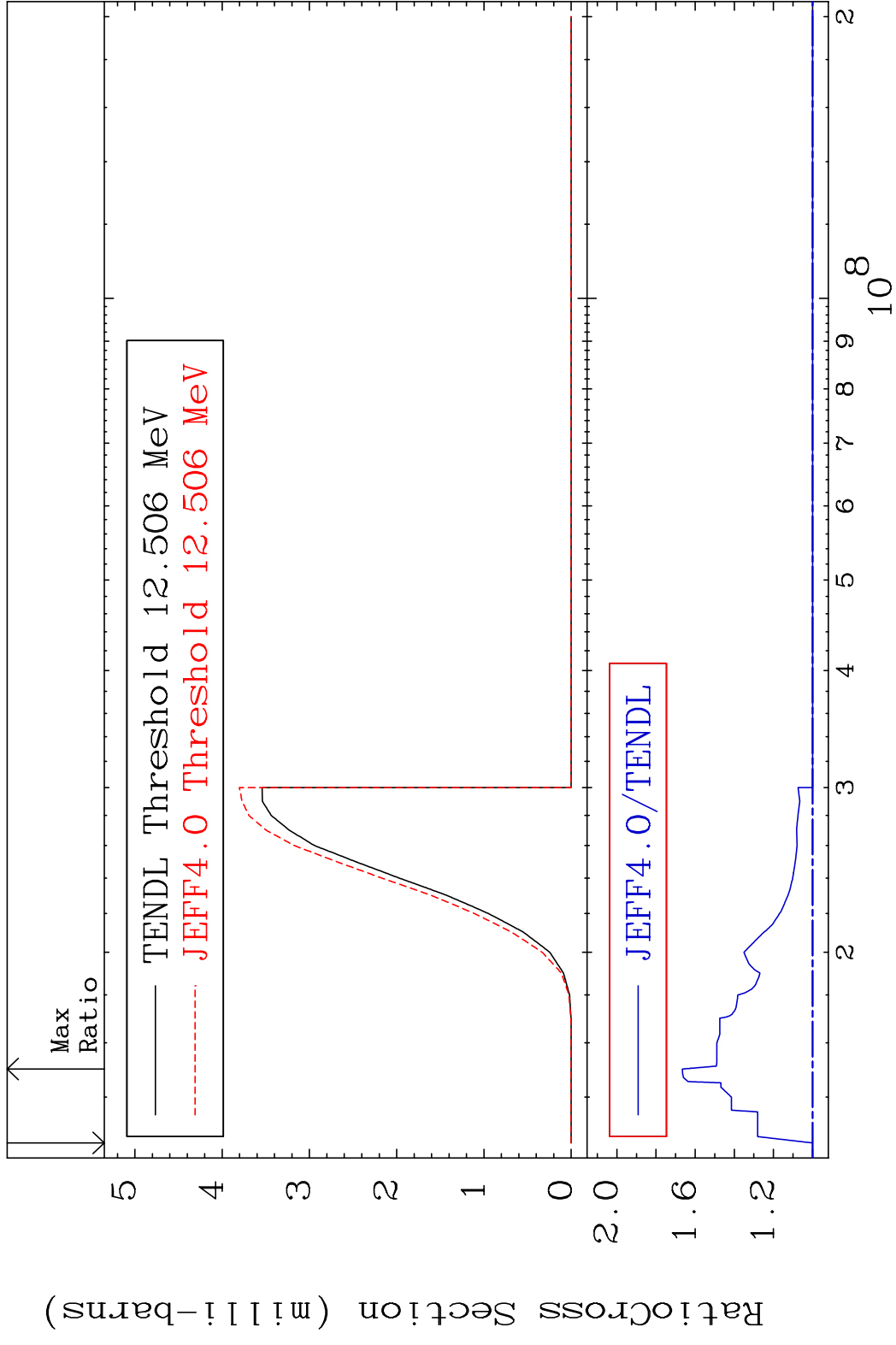


48

Incident Energy (eV)

36-Kr-86

MAT 3649 (n, t) 36-Kr-86  
 Cross Section 0.000 To 66.54 %

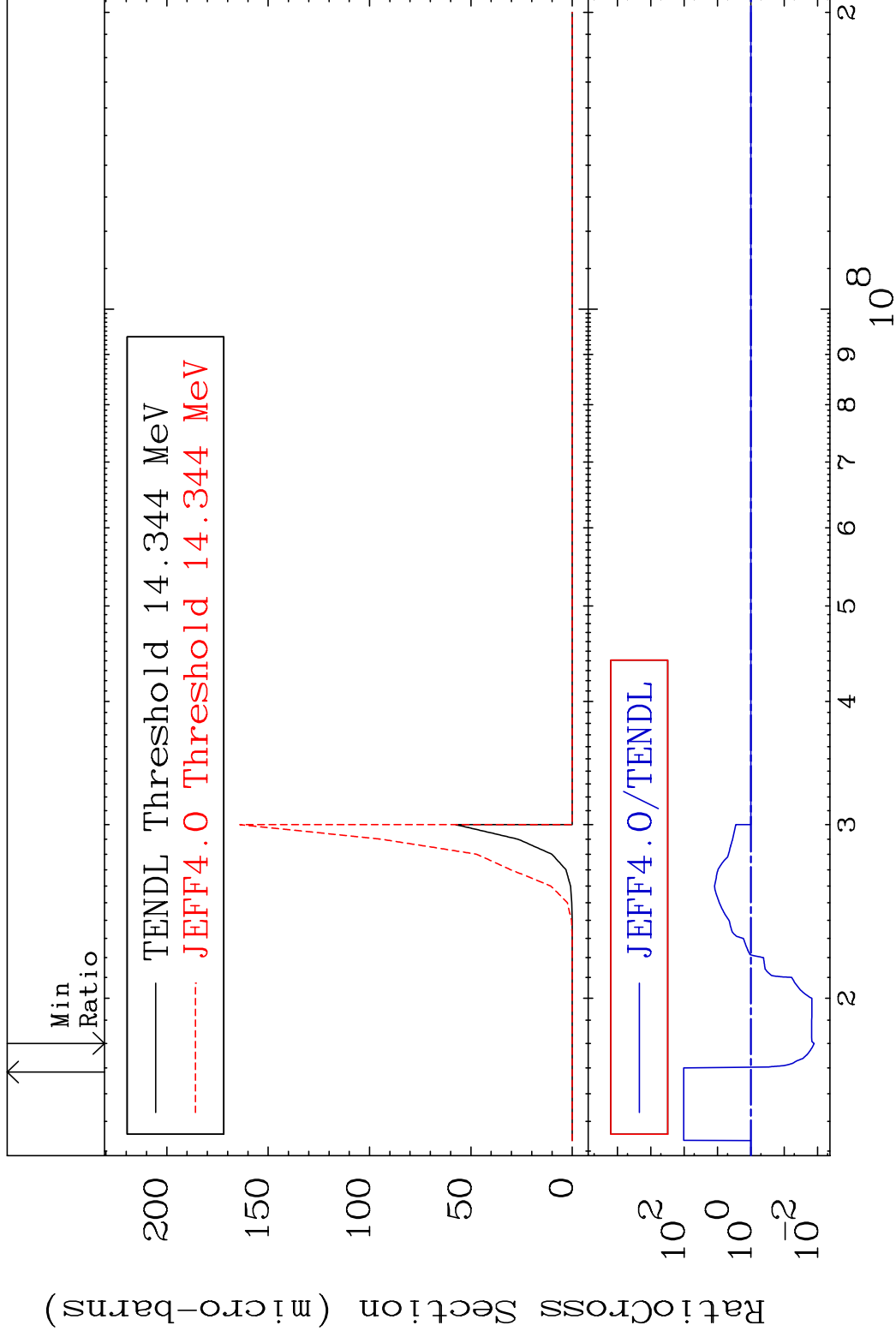


MAT 3649

(n, He-3)

36-Kr-86

Cross Section -98.72 To 9999. %

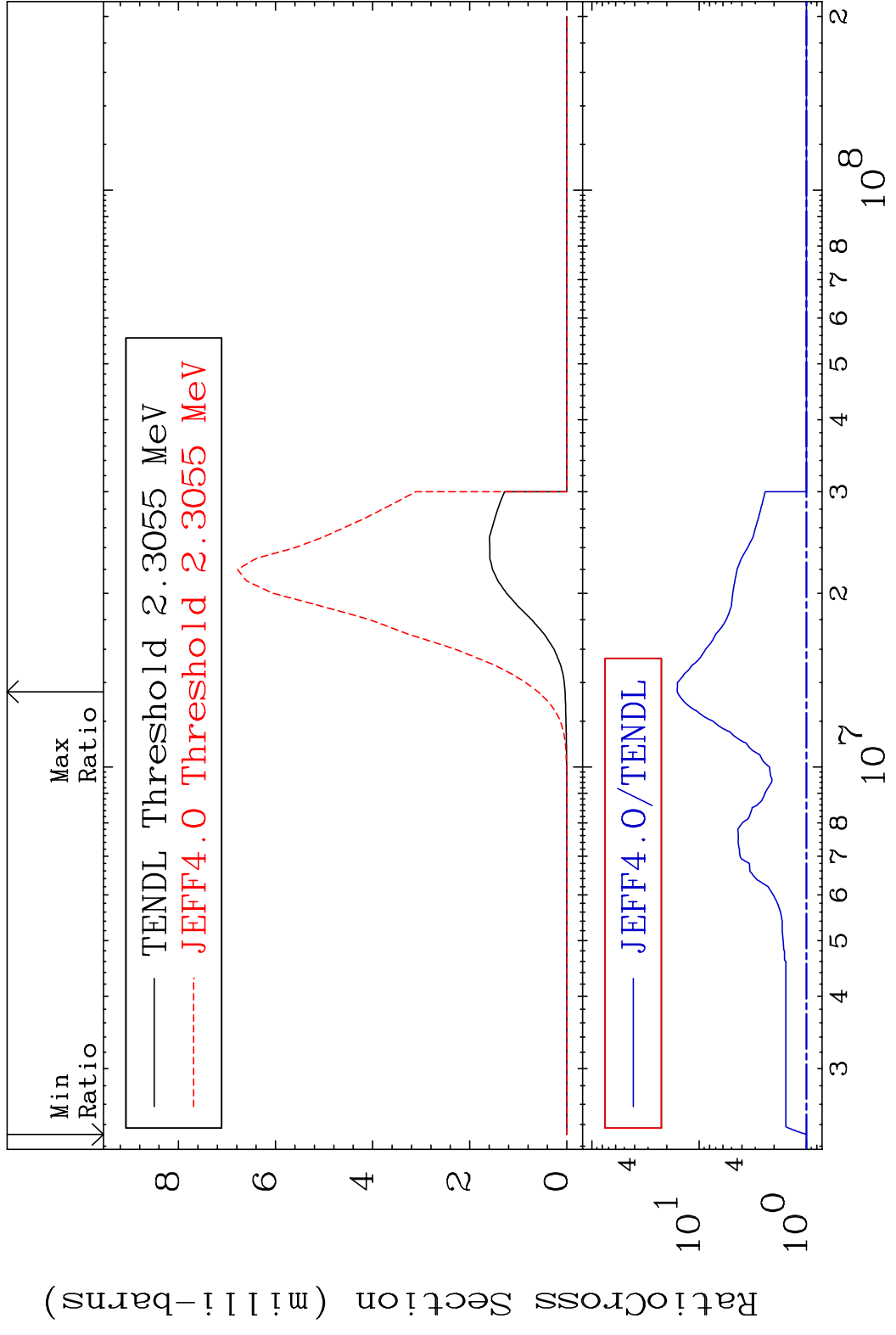


50

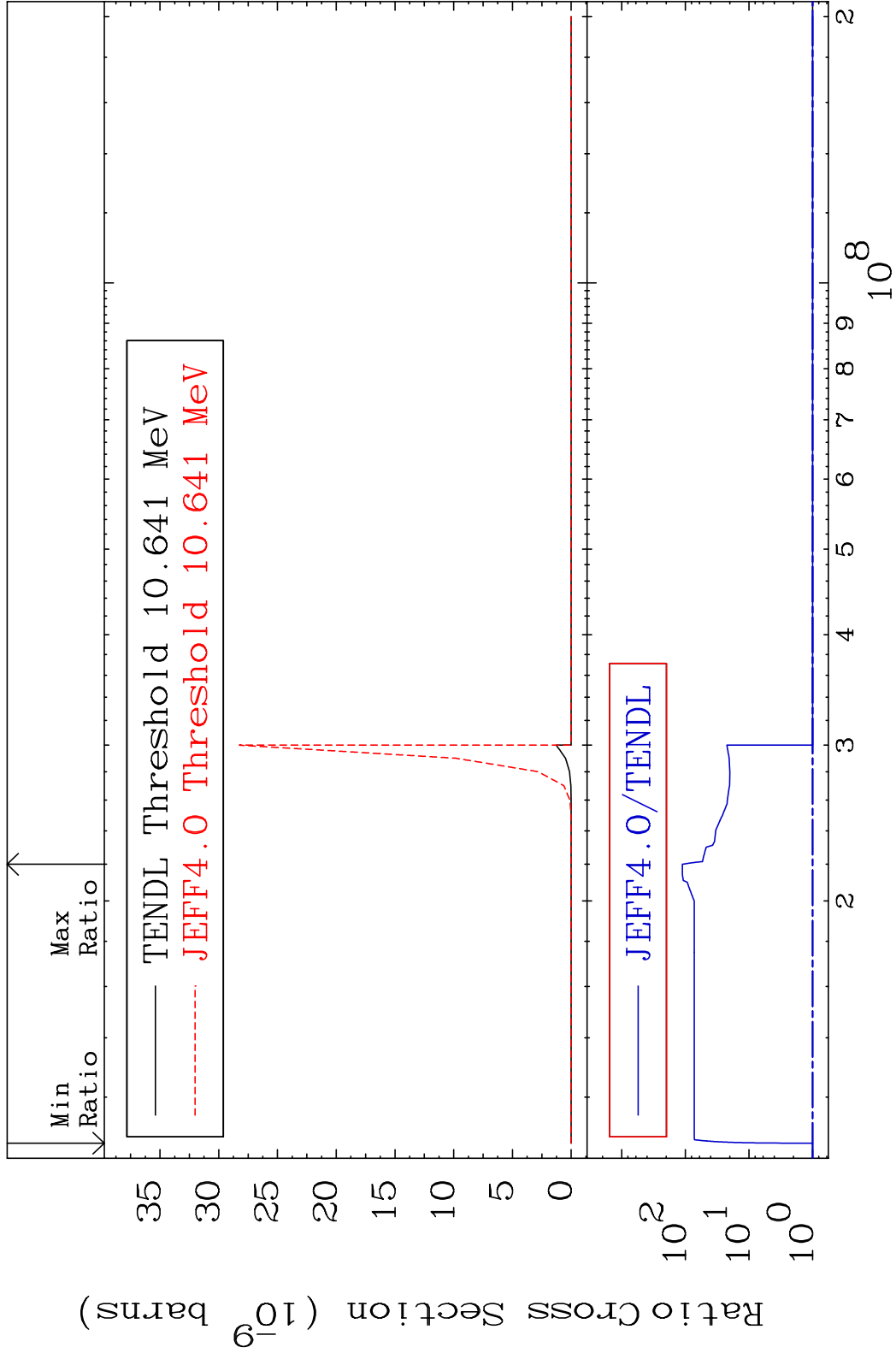
Incident Energy (eV)

36-Kr-86

MAT 3649  $(n, \alpha)$  36-Kr-86  
 Cross Section 0.000 To 1504. %



MAT 3649 (n,2α) 36-Kr-86  
 Cross Section 0.000 To 9999. %

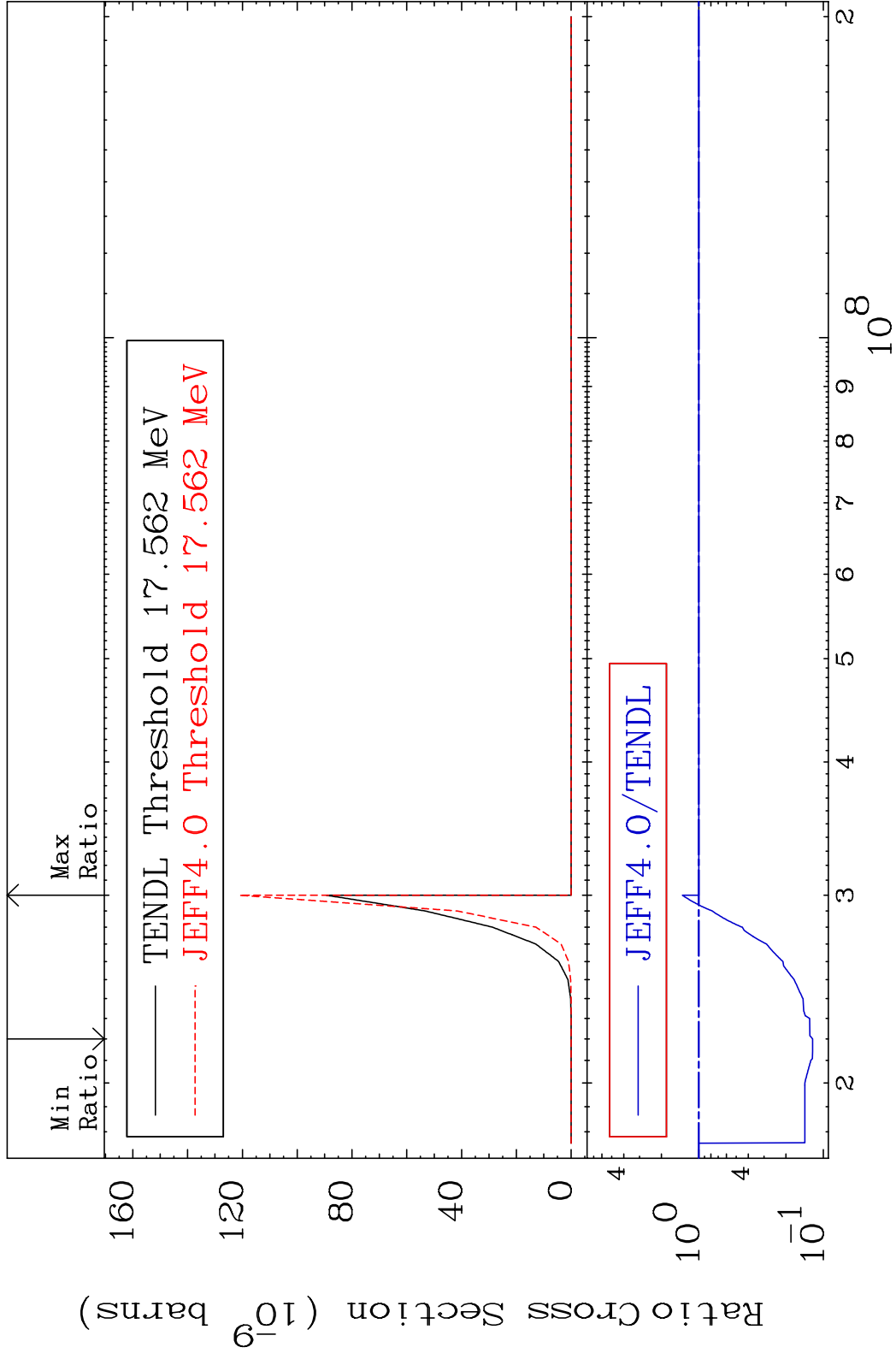


MAT 3649

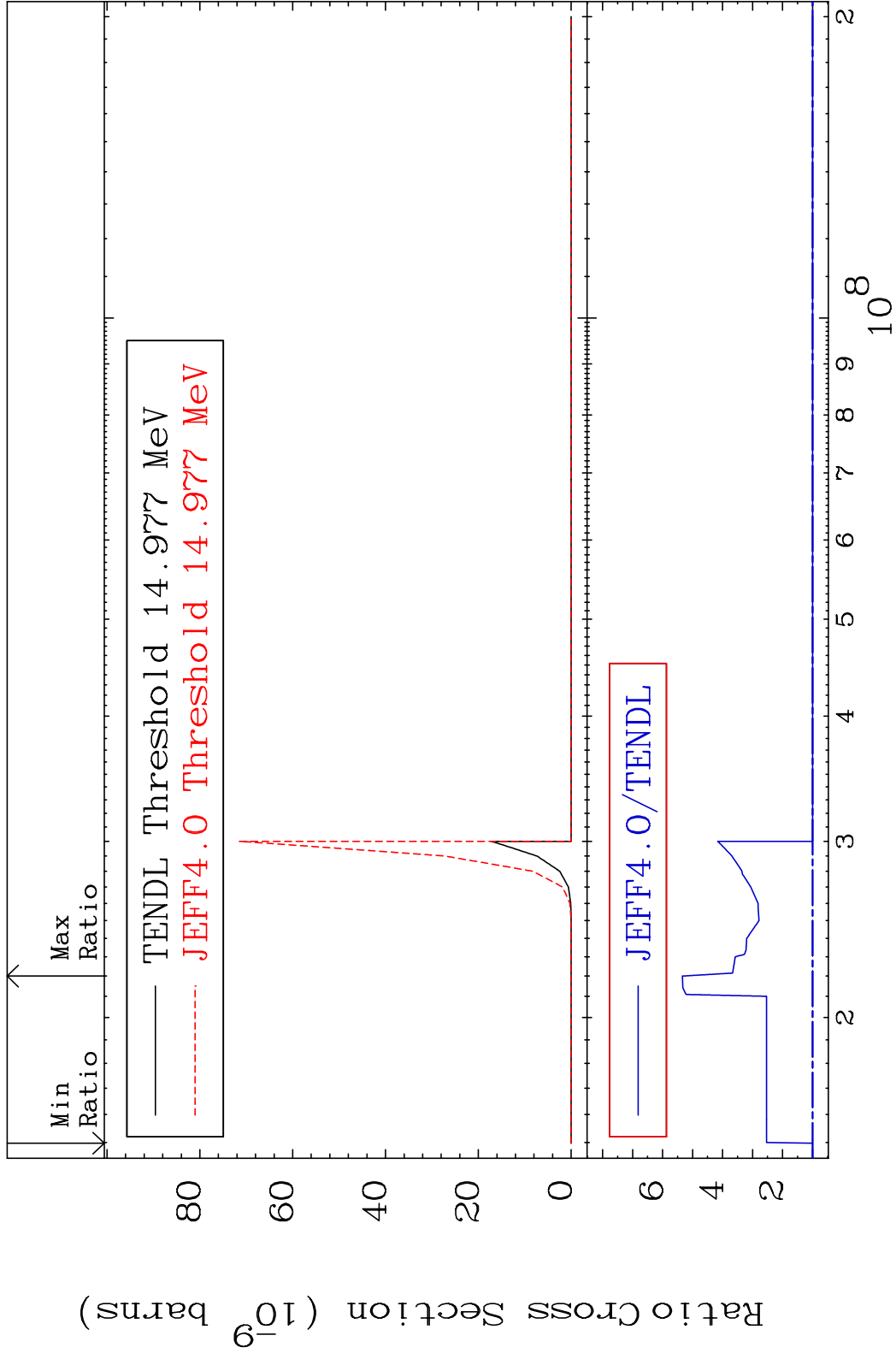
(n,2p)

36-Kr-86

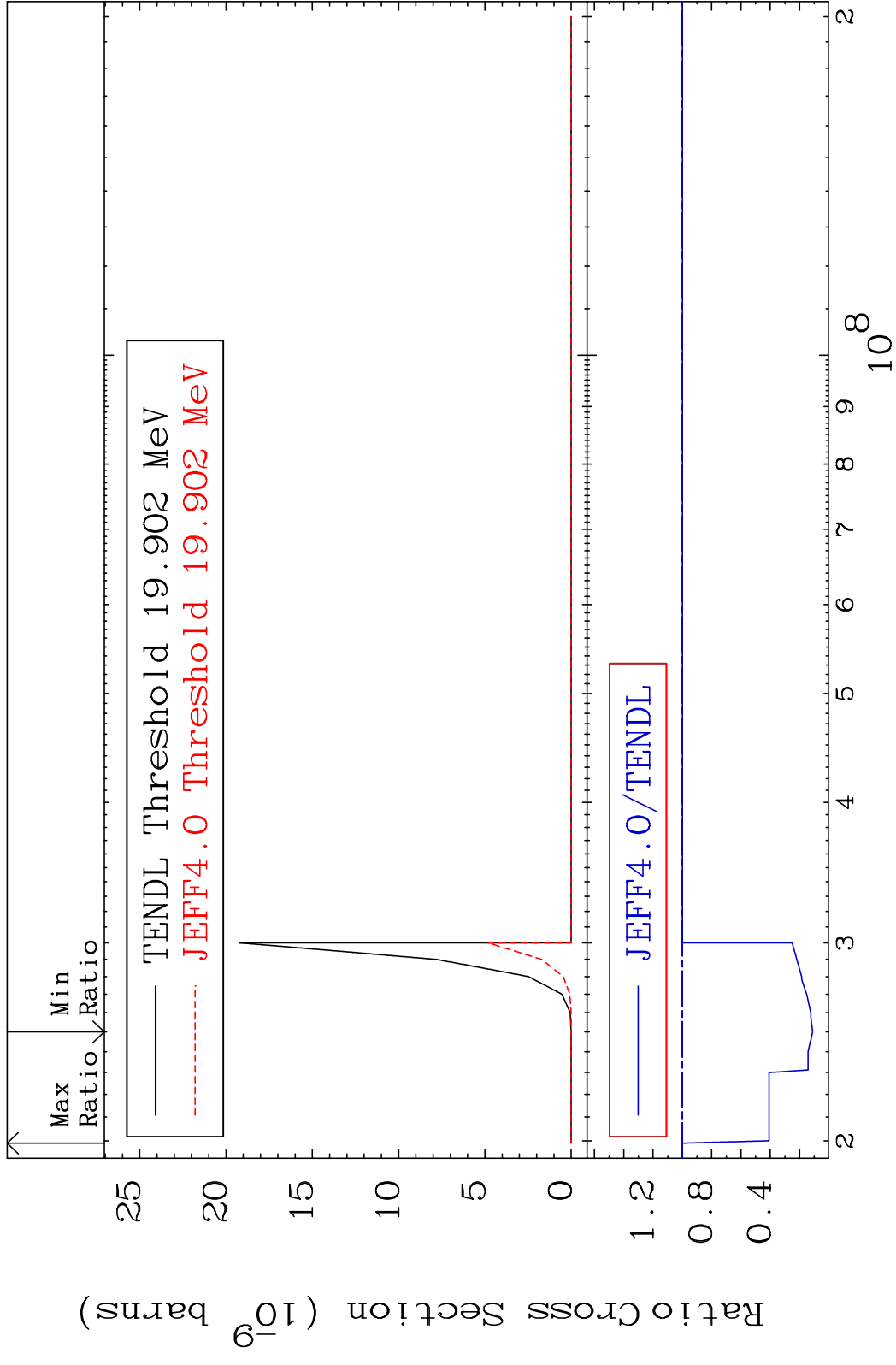
Cross Section -87.79 To 35.61 %



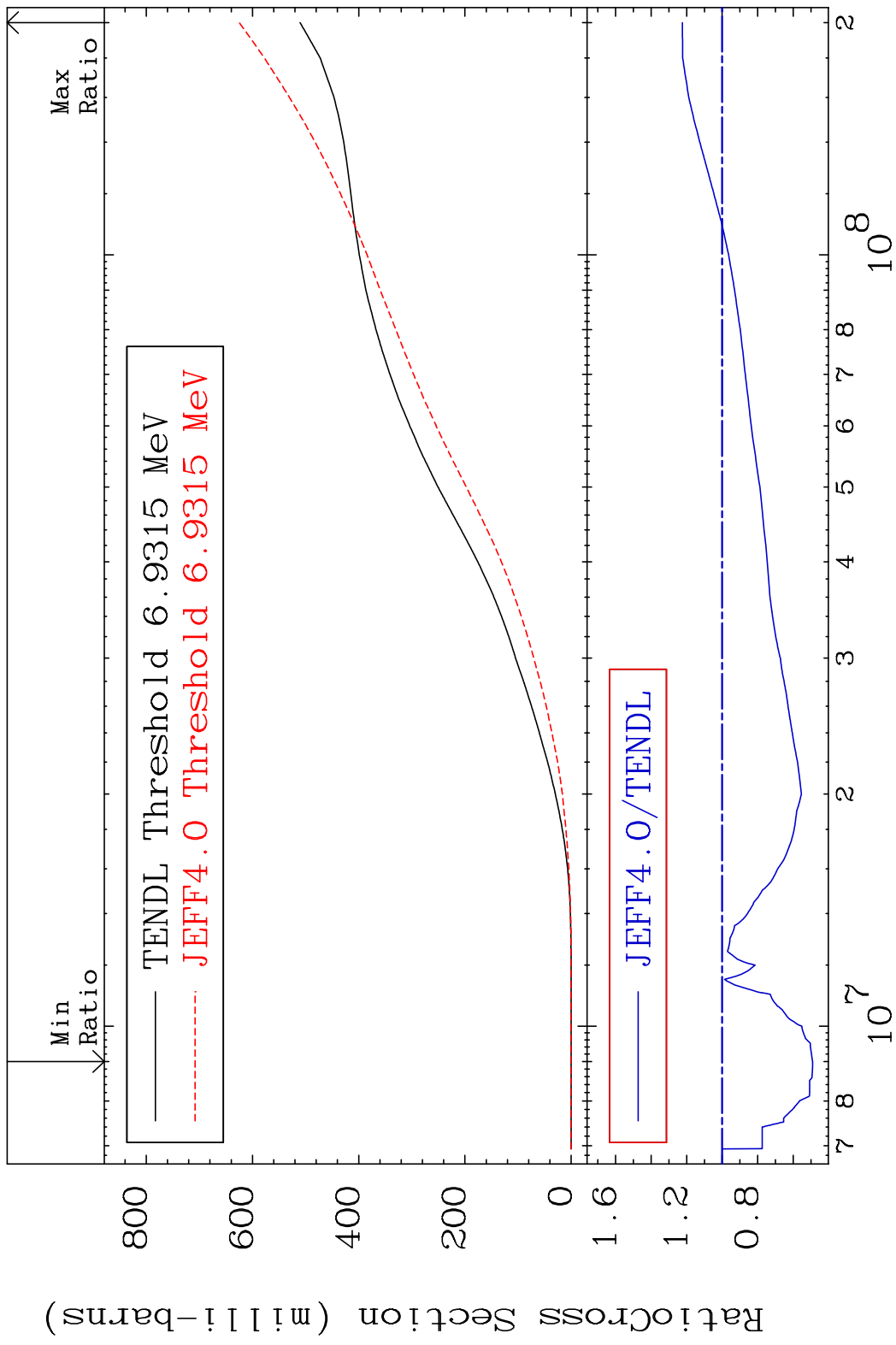
MAT 3649 (n,p)  $\alpha$  36-Kr-86  
 Cross Section 0.000 To 434.1 %



MAT 3649 (n,p) d 36-Kr-86  
 Cross Section -88.85 To 0.000 %



MAT 3649 Hydrogen Production 36-Kr-86  
 Cross Section -50.90 To 22.41 %



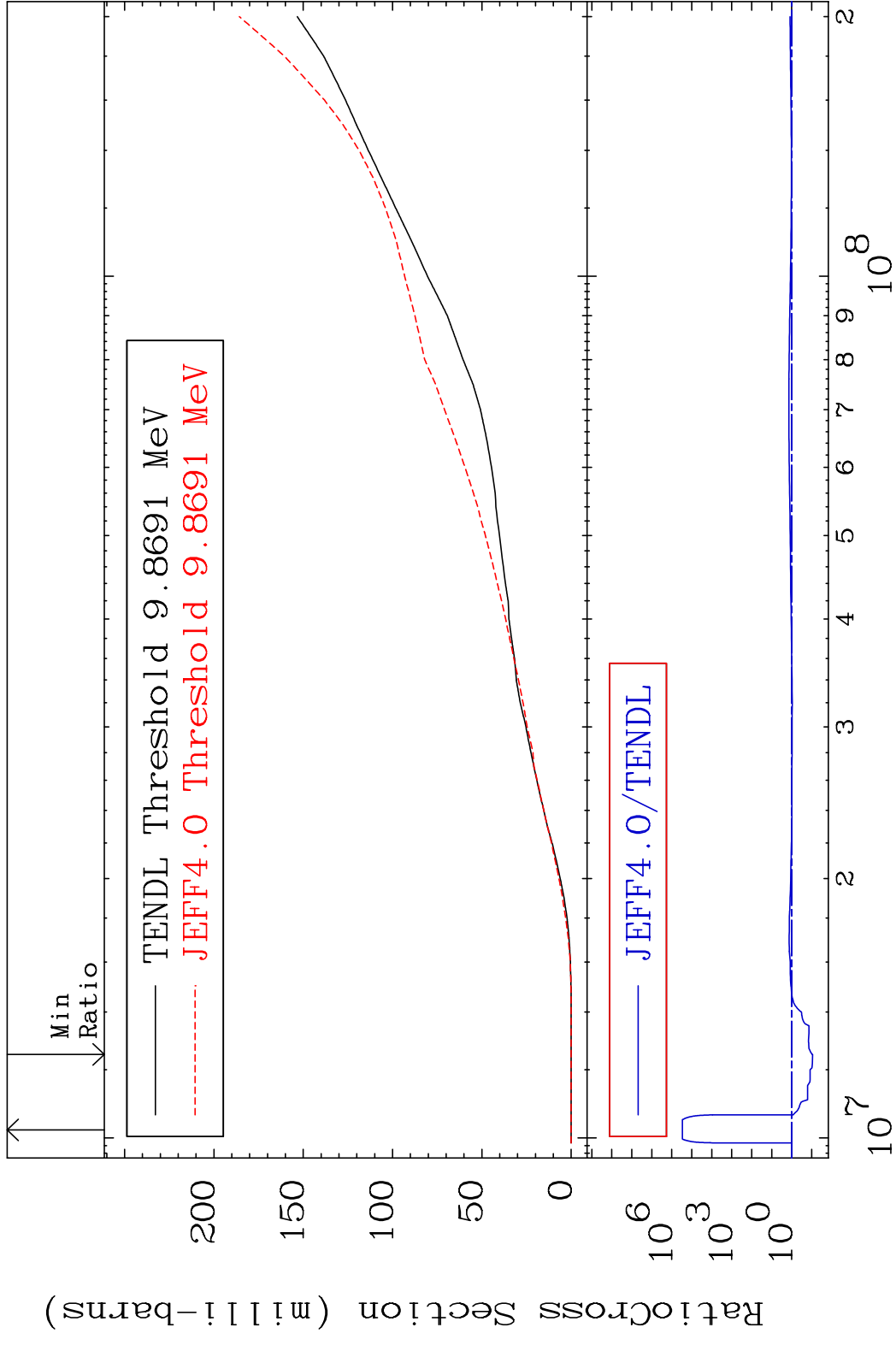
56 Incident Energy (eV) 36-Kr-86

MAT 3649

Deuterium Production

36-Kr-86

Cross Section -90.90 To 9999. %



57

Incident Energy (eV)

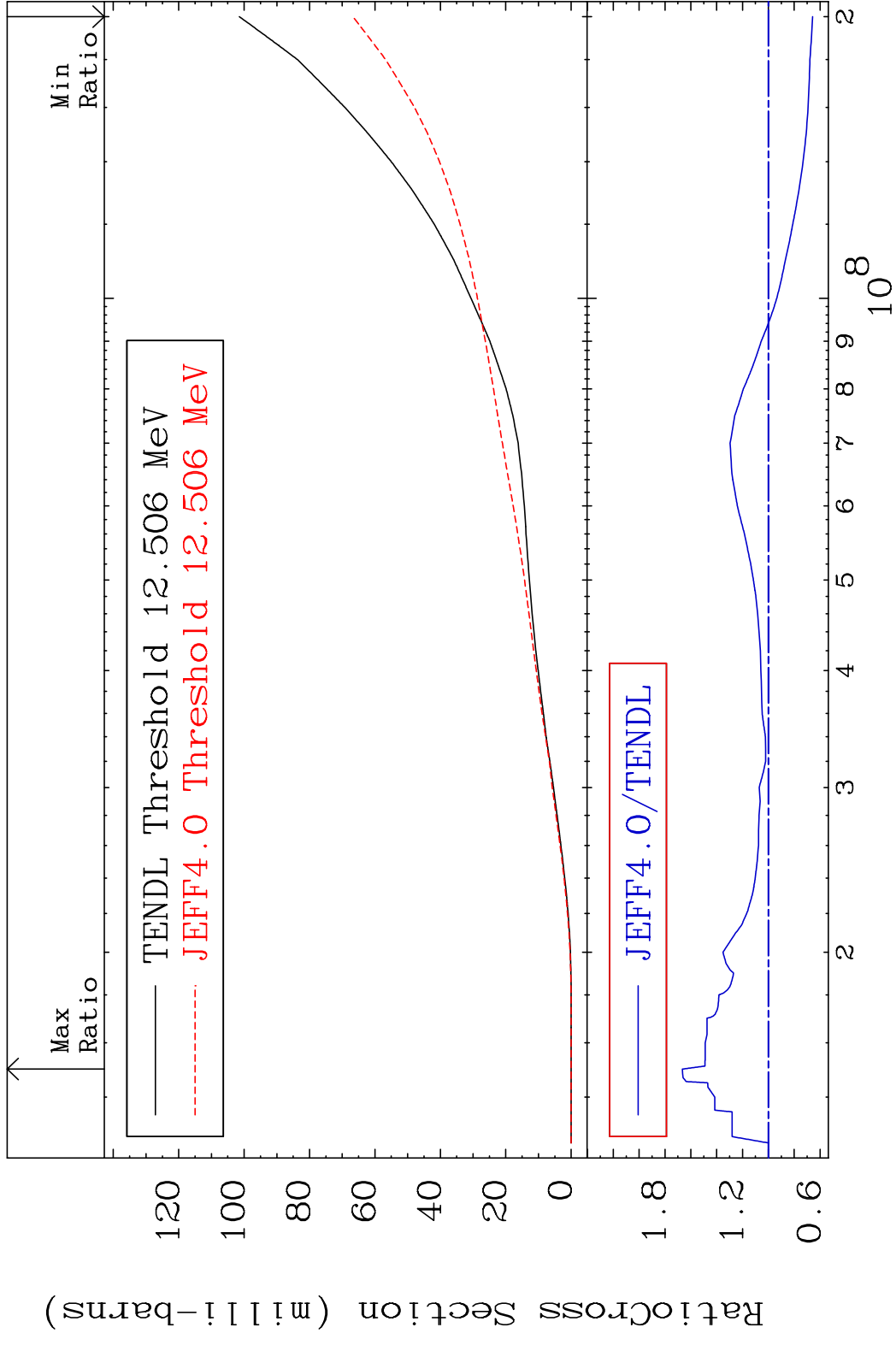
36-Kr-86

MAT 3649

Tritium Production

<sup>36</sup>Kr-86

Cross Section -34.22 To 66.54 %

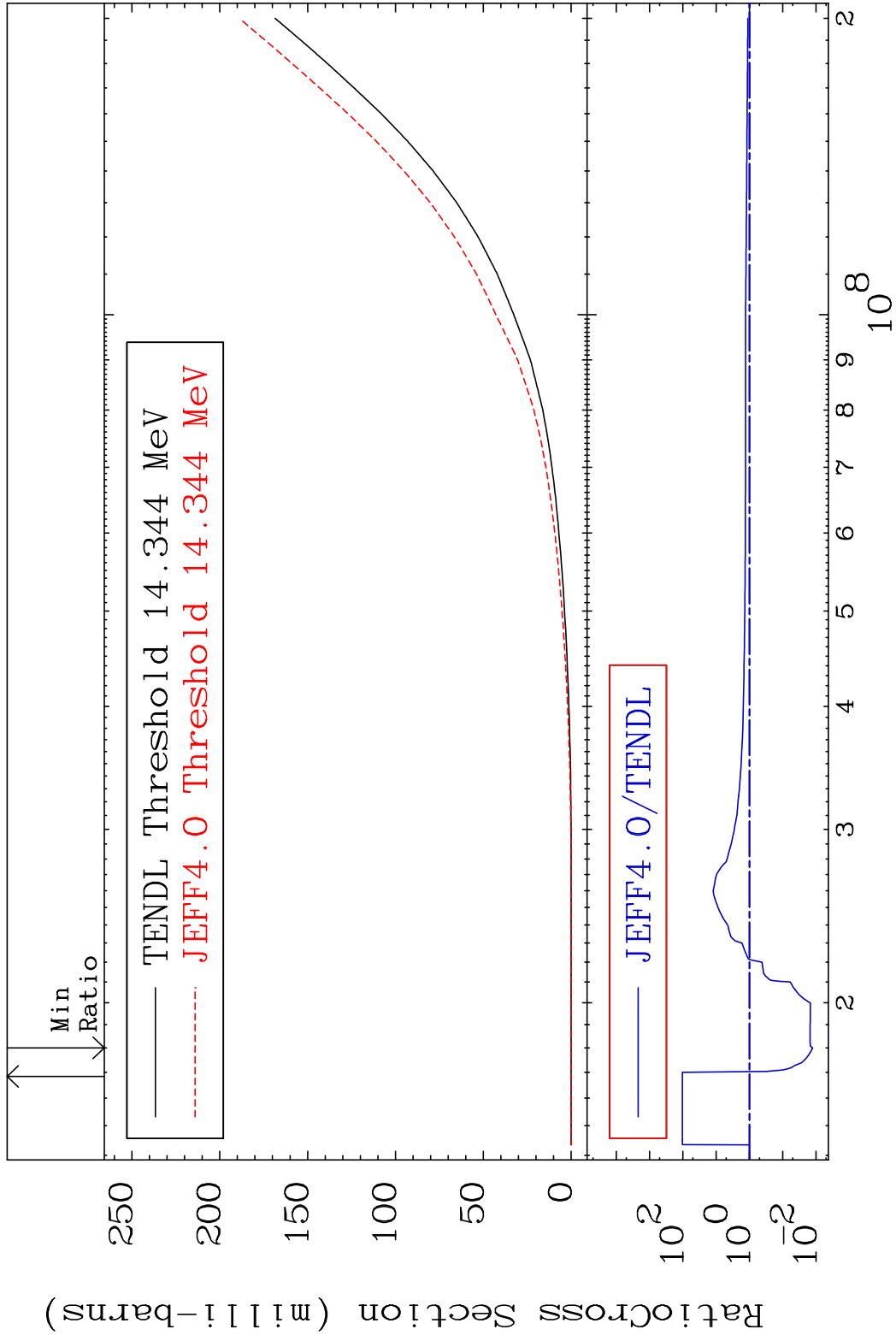


MAT 3649

He-3 Production

36-Kr-86

Cross Section -98.72 To 9999. %



59

Incident Energy (eV)

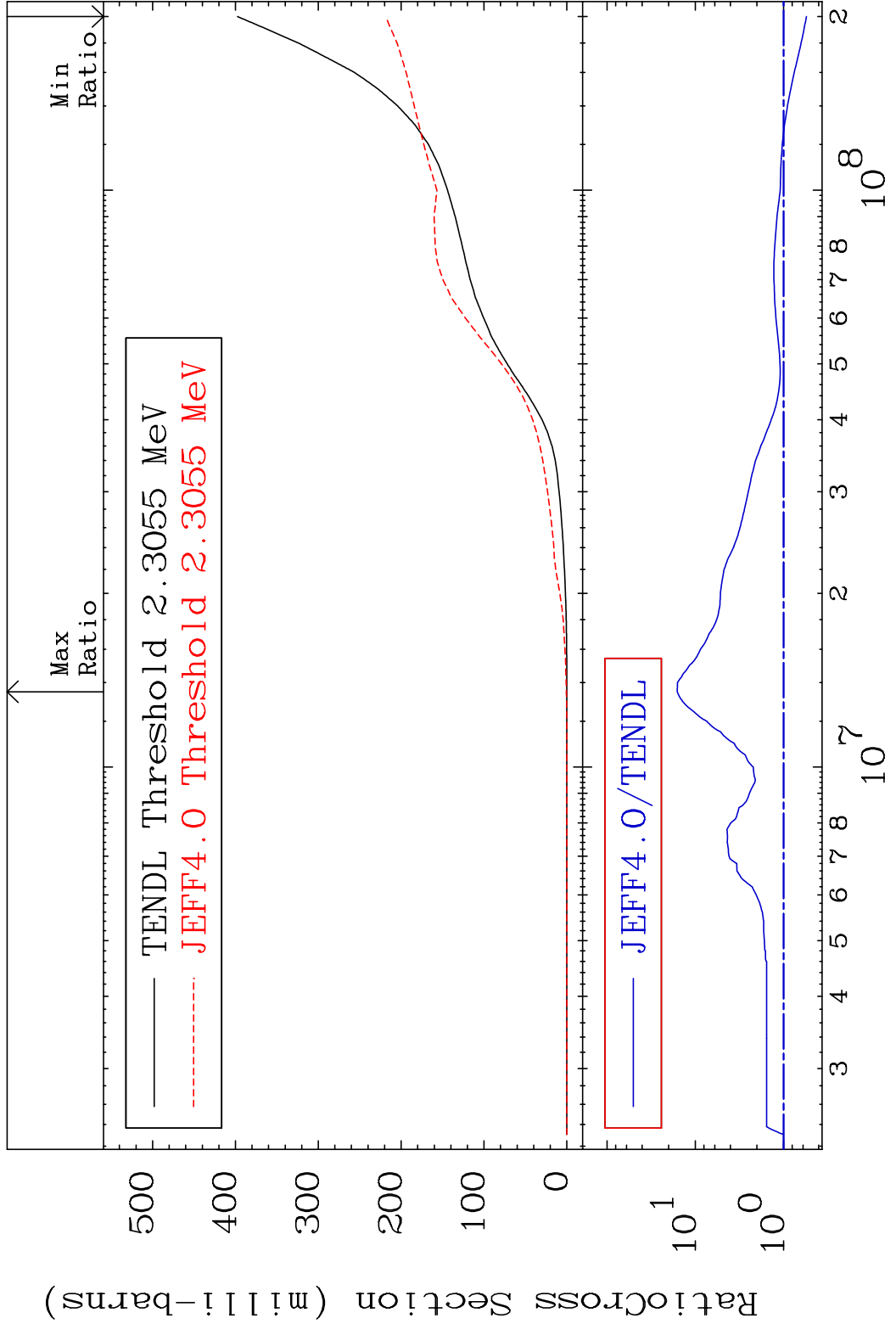
36-Kr-86

MAT 3649

He-4 Production

36-Kr-86

Cross Section -44.94 To 1504. %

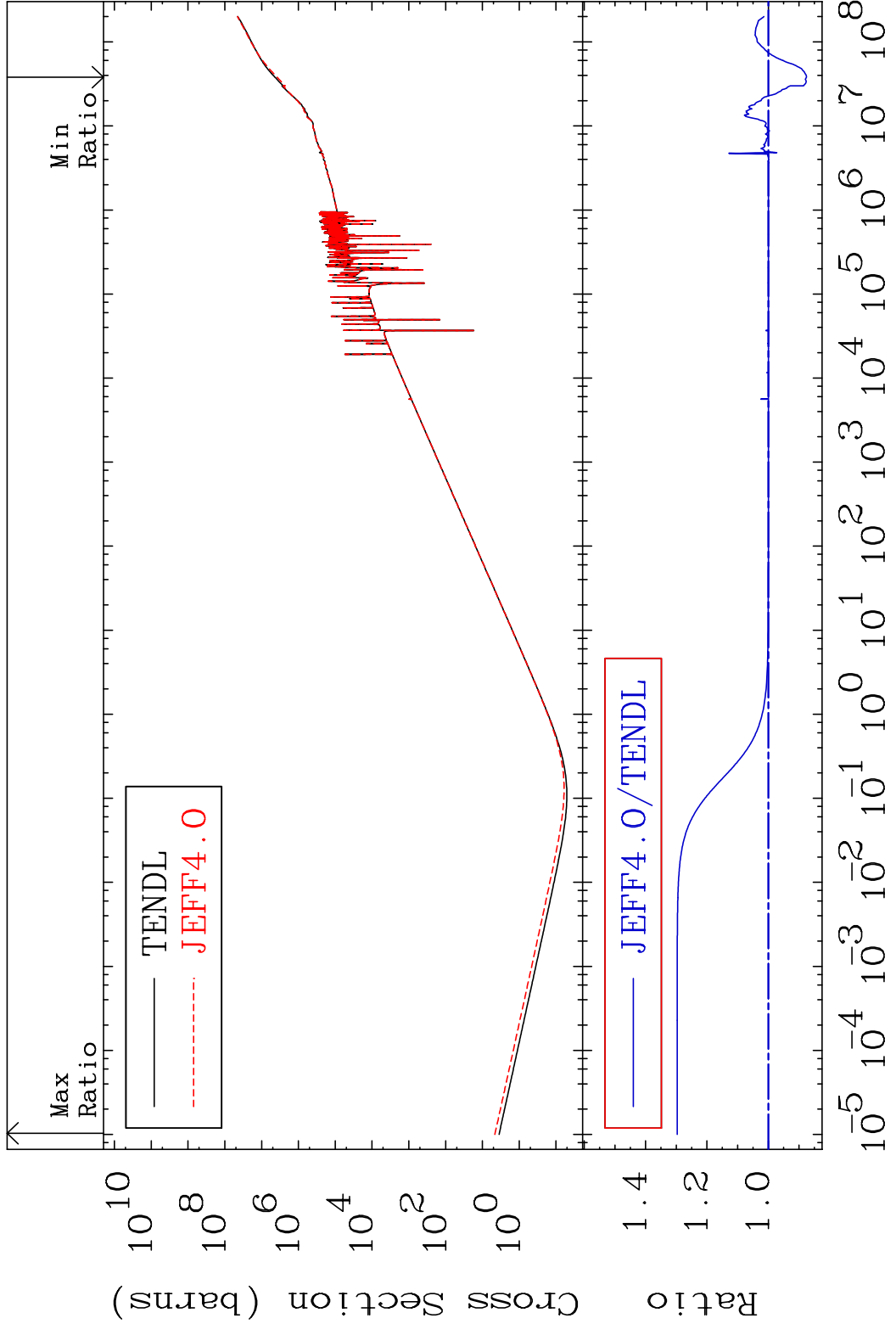


60

Incident Energy (eV)

36-Kr-86

MAT 3649 Kerma total (eV-barns) 36-Kr-86  
 Cross Section -12.41 To 29.71 %

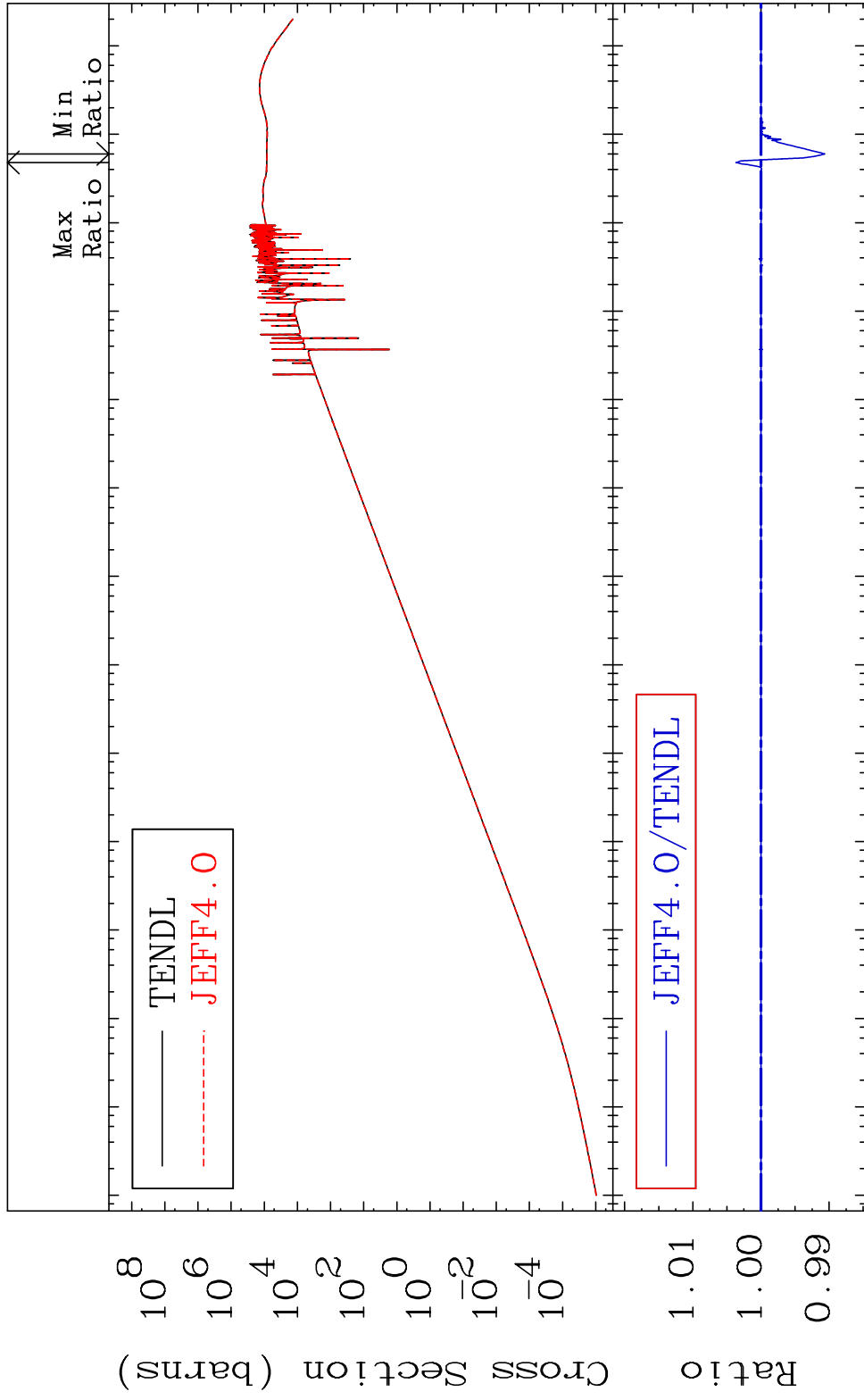


MAT 3649

Kerma elastic

36-Kr-86

Cross Section -0.935 To 0.367 %

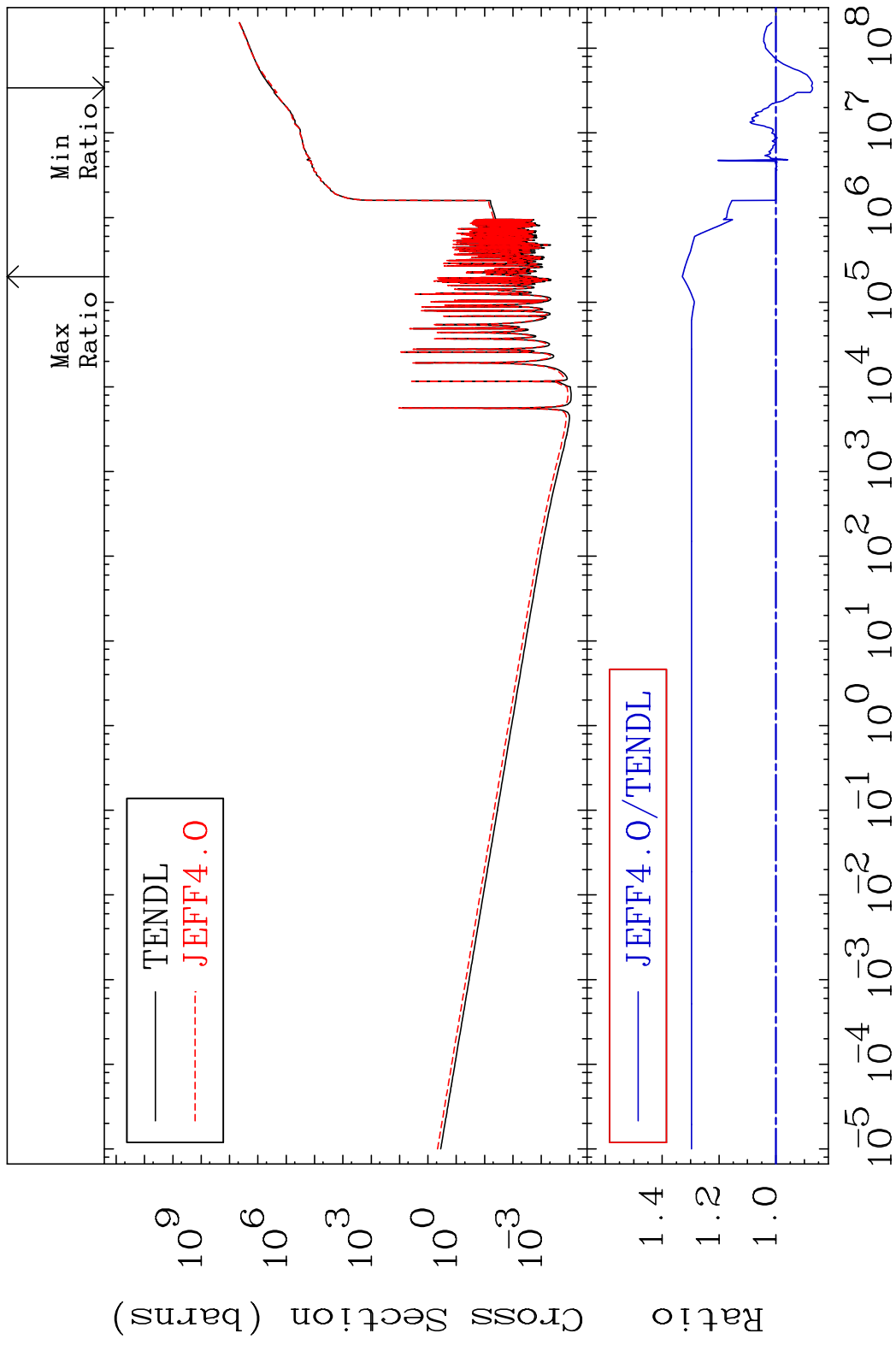


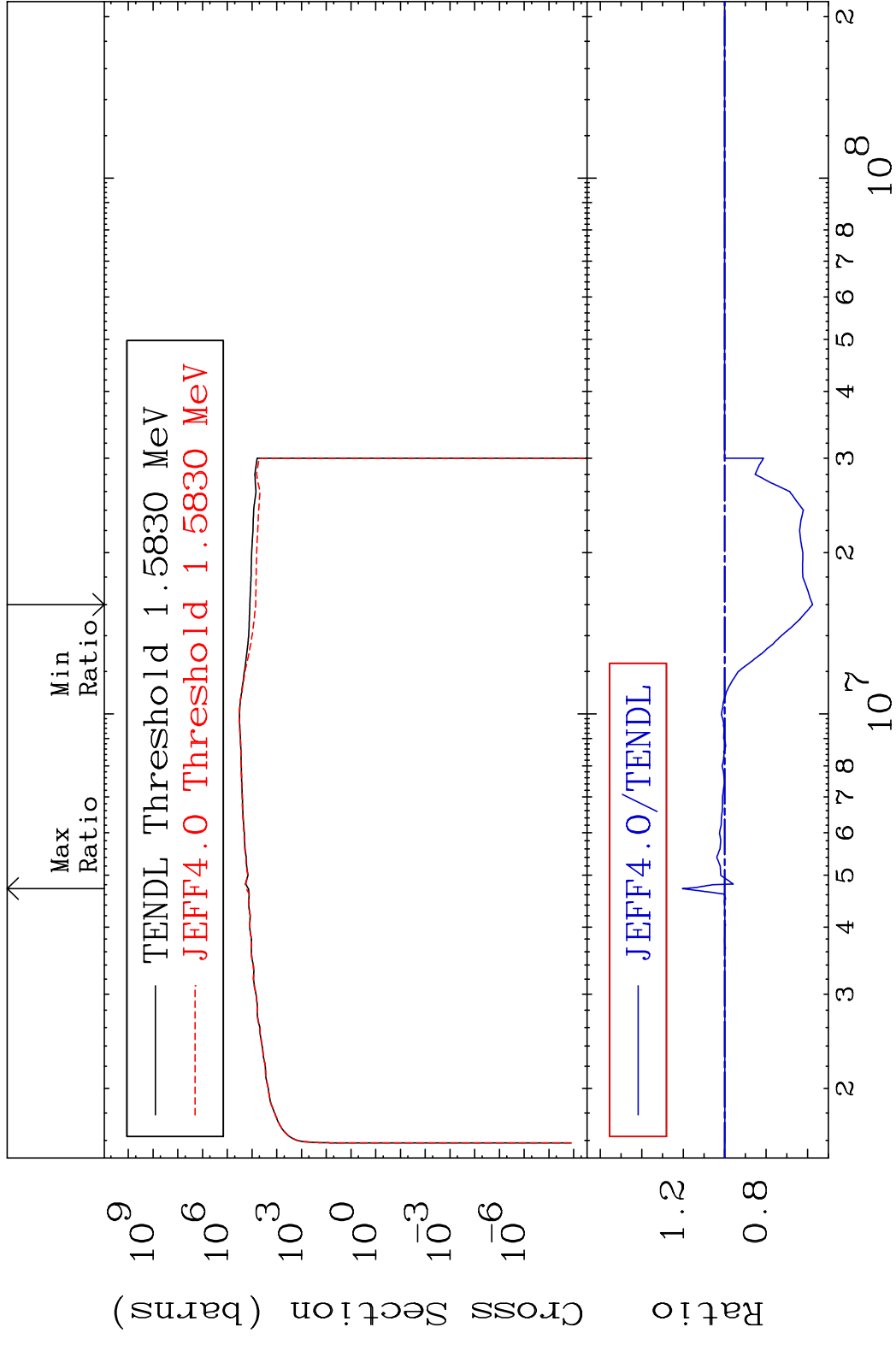
62

Incident Energy (eV)

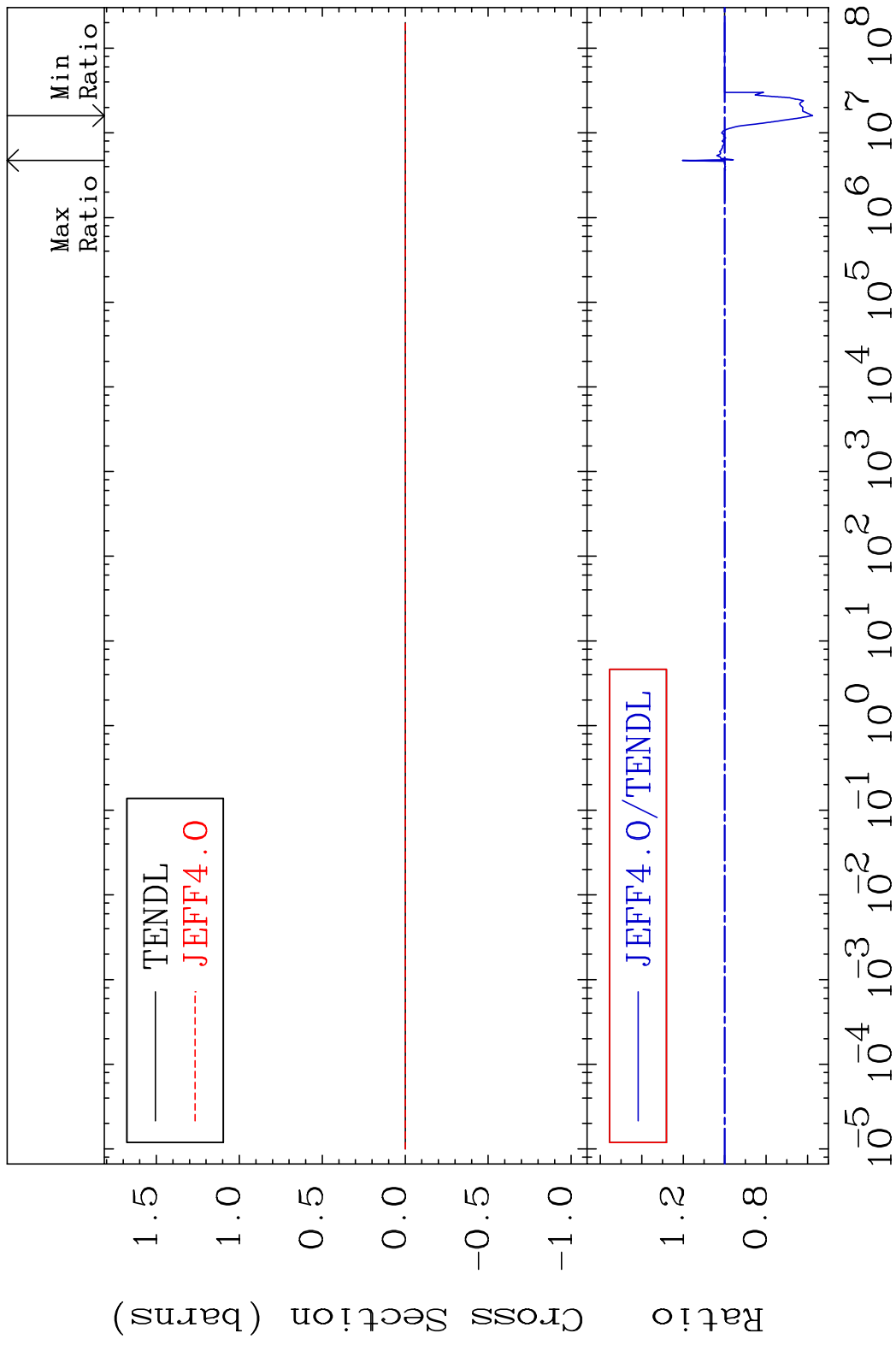
36-Kr-86

MAT 3649 Kerma non-elastic (all but mt2) 36-Kr-86  
 Cross Section -12.87 To 32.90 %



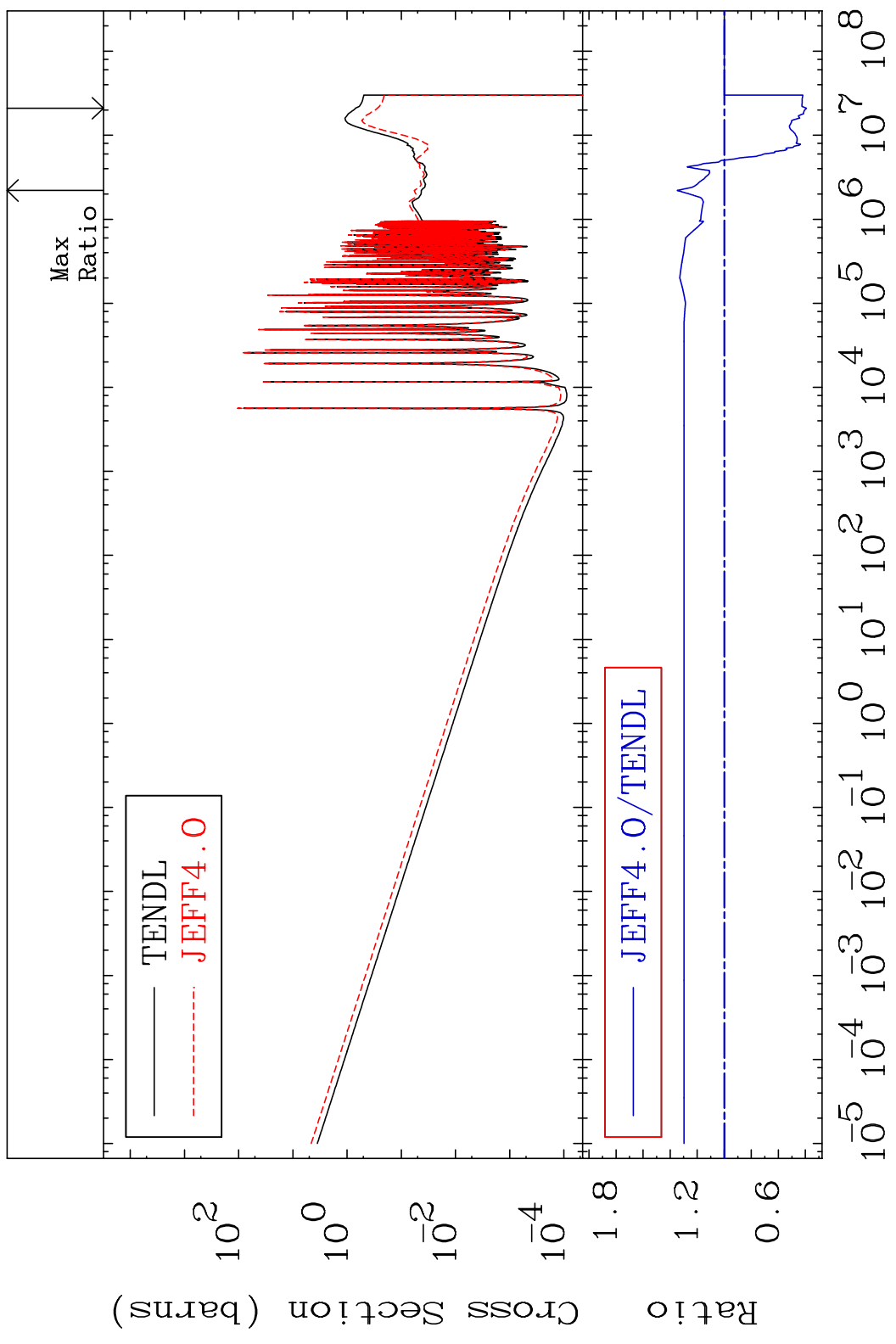


MAT 3649 Kerma fission (mt18 or mt19-20-21-38) 36-Kr-86  
 Cross Section -42.35 To 20.41 %



MAT 3649

Kerma capture (mt102) 36-Kr-86  
Cross Section -60.73 To 34.79 %

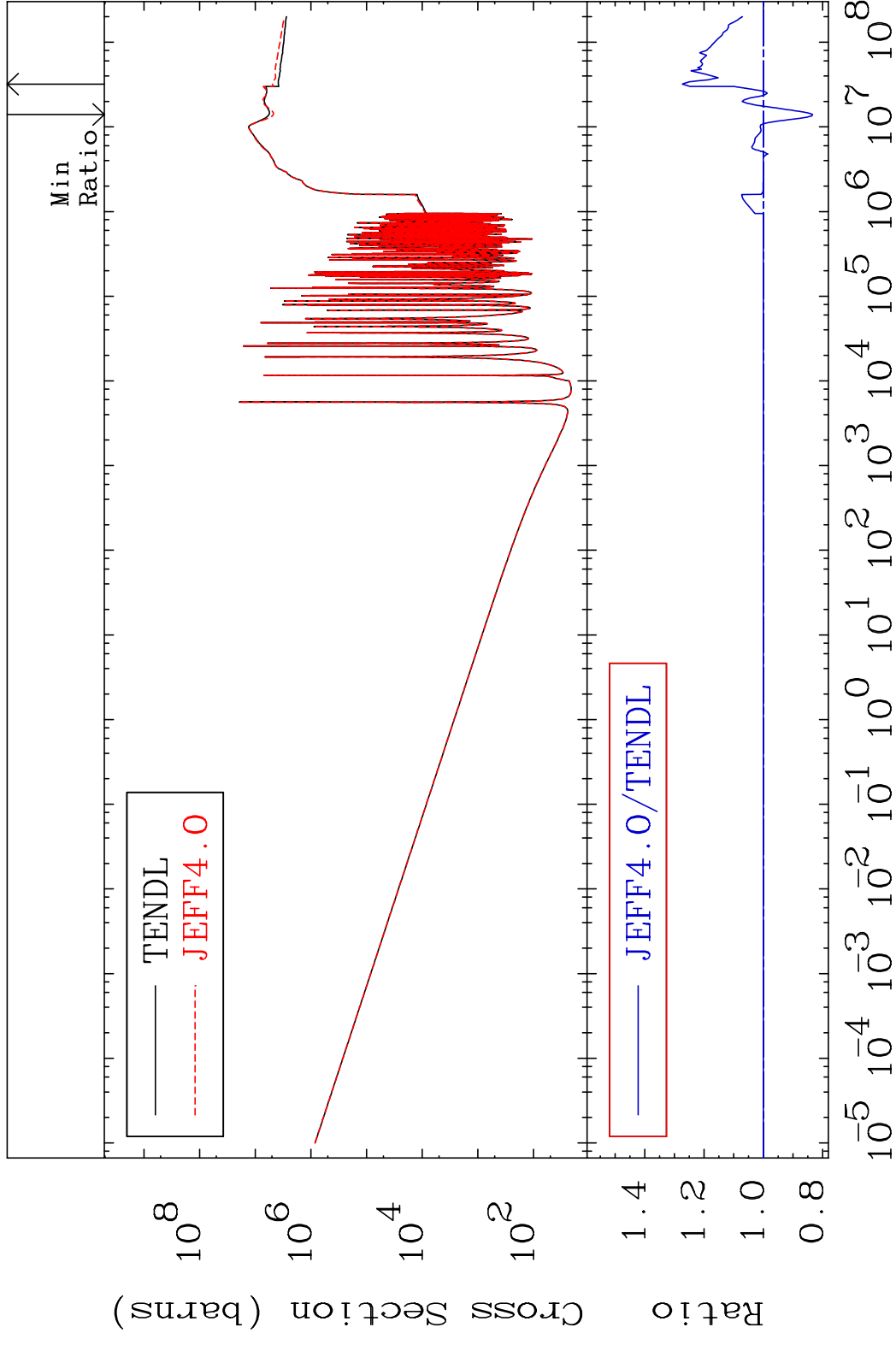


66

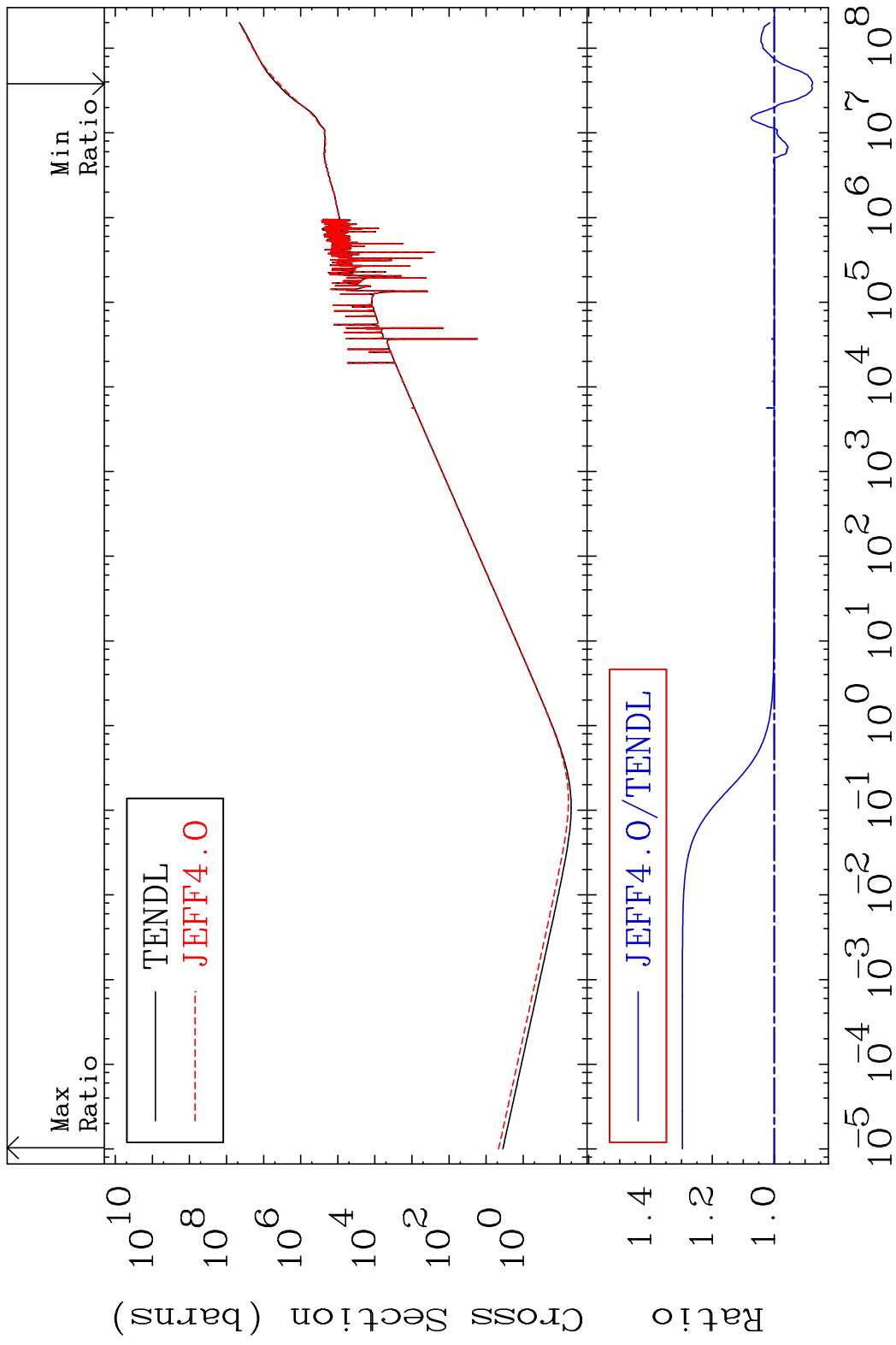
Incident Energy (eV)

36-Kr-86

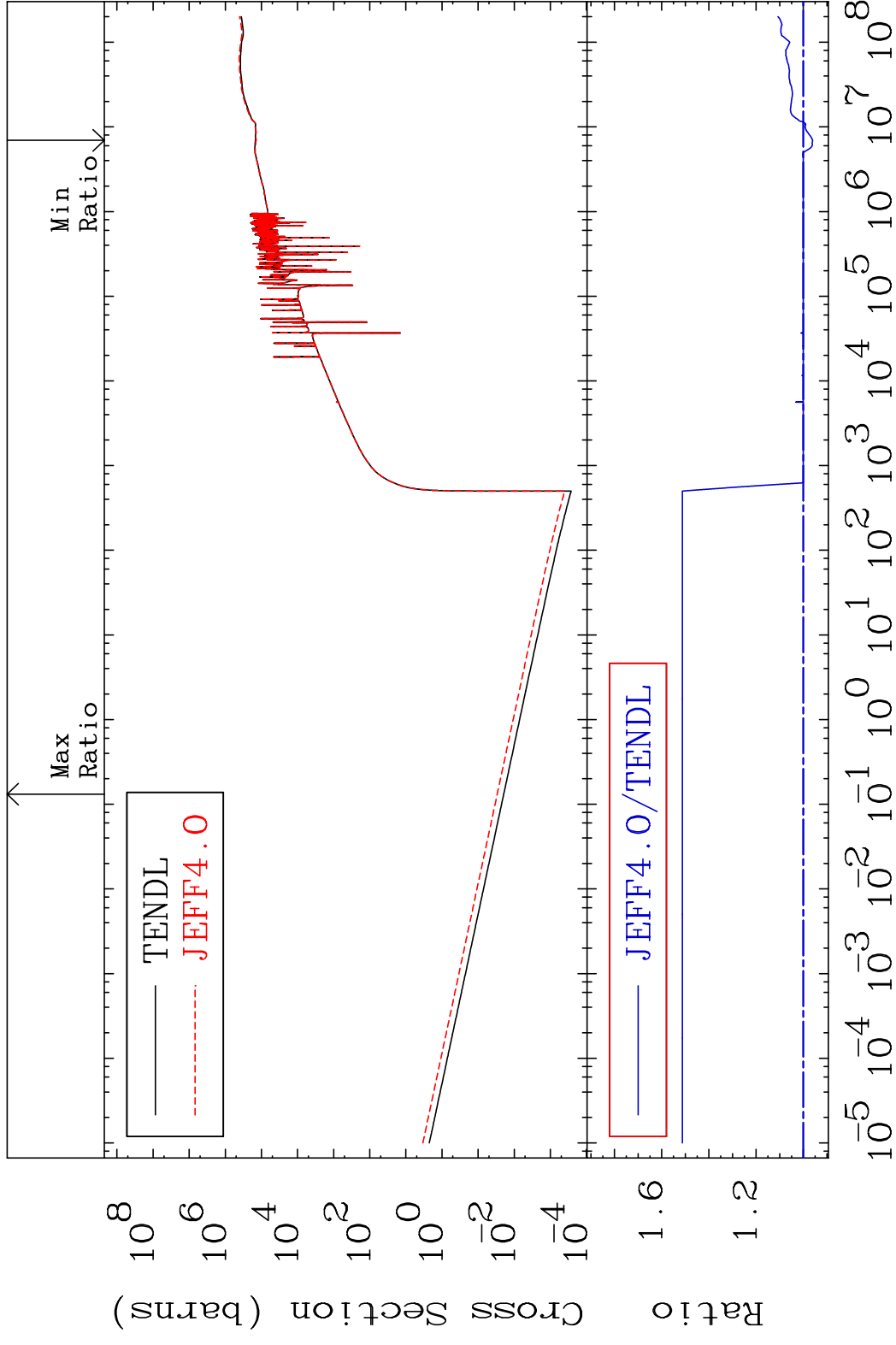
MAT 3649 Total photon (eV-barns) 36-Kr-86  
 Cross Section -16.58 To 27.34 %



MAT 3649 Total kinematic kerma (high limit) 36-Kr-86  
 Cross Section -12.41 To 29.71 %



MAT 3649      Dpa total (eV-barns)      36-Kr-86  
 Cross Section      -3.912 To 51.26 %



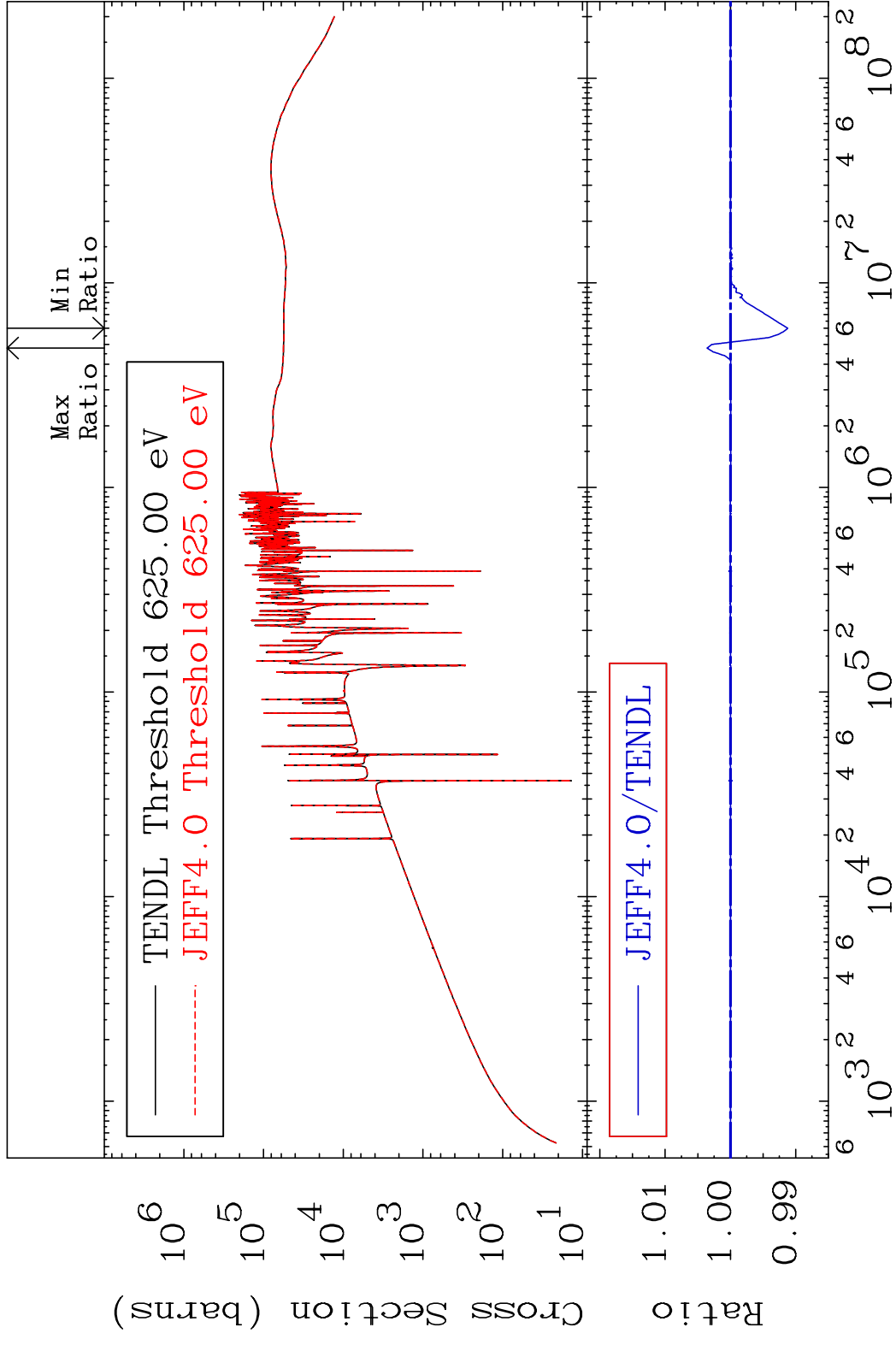
69      Incident Energy (eV)      36-Kr-86

MAT 3649

Dpa elastic (mt2)

36-Kr-86

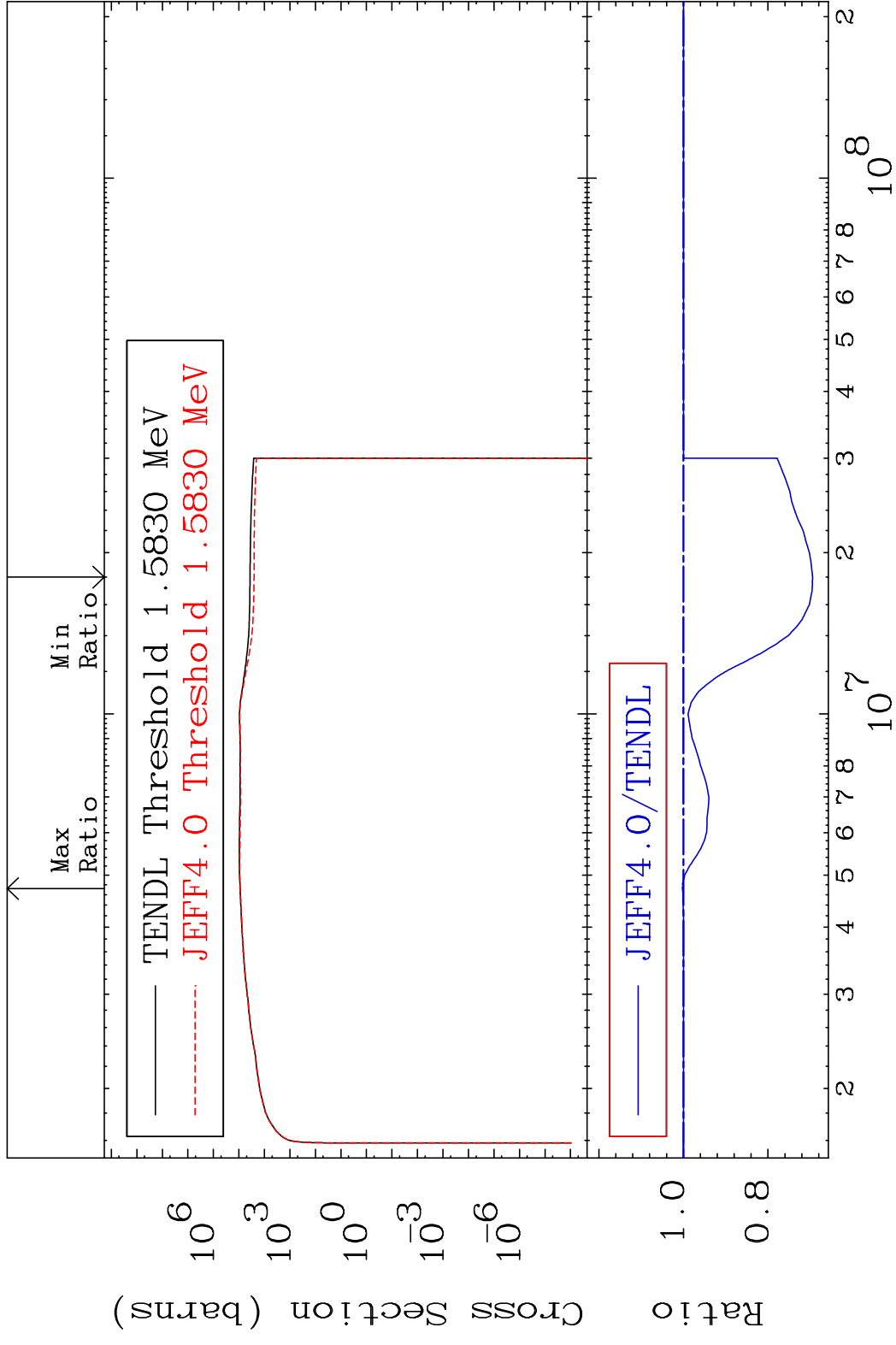
Cross Section -0.879 To 0.357 %



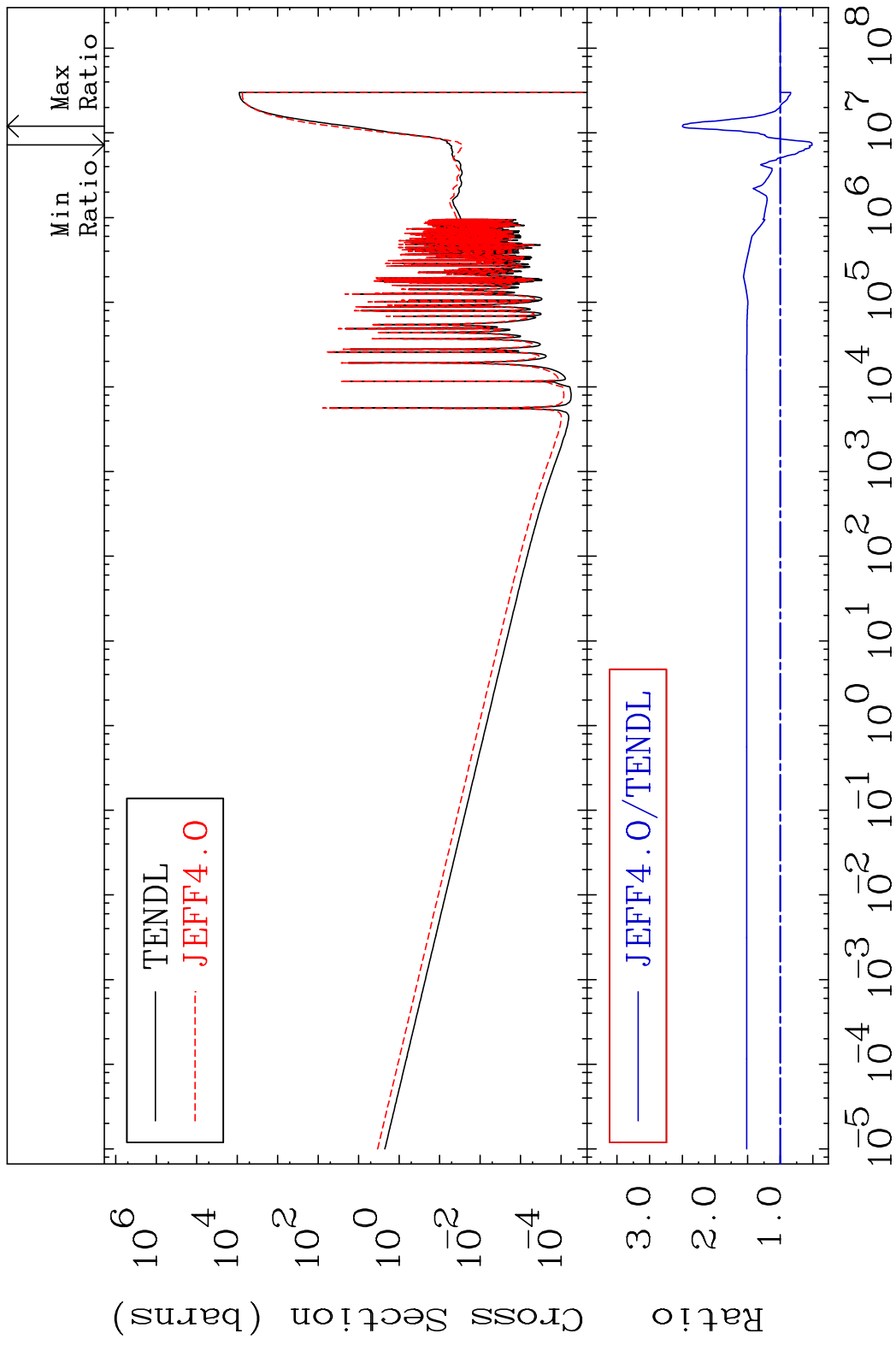
70

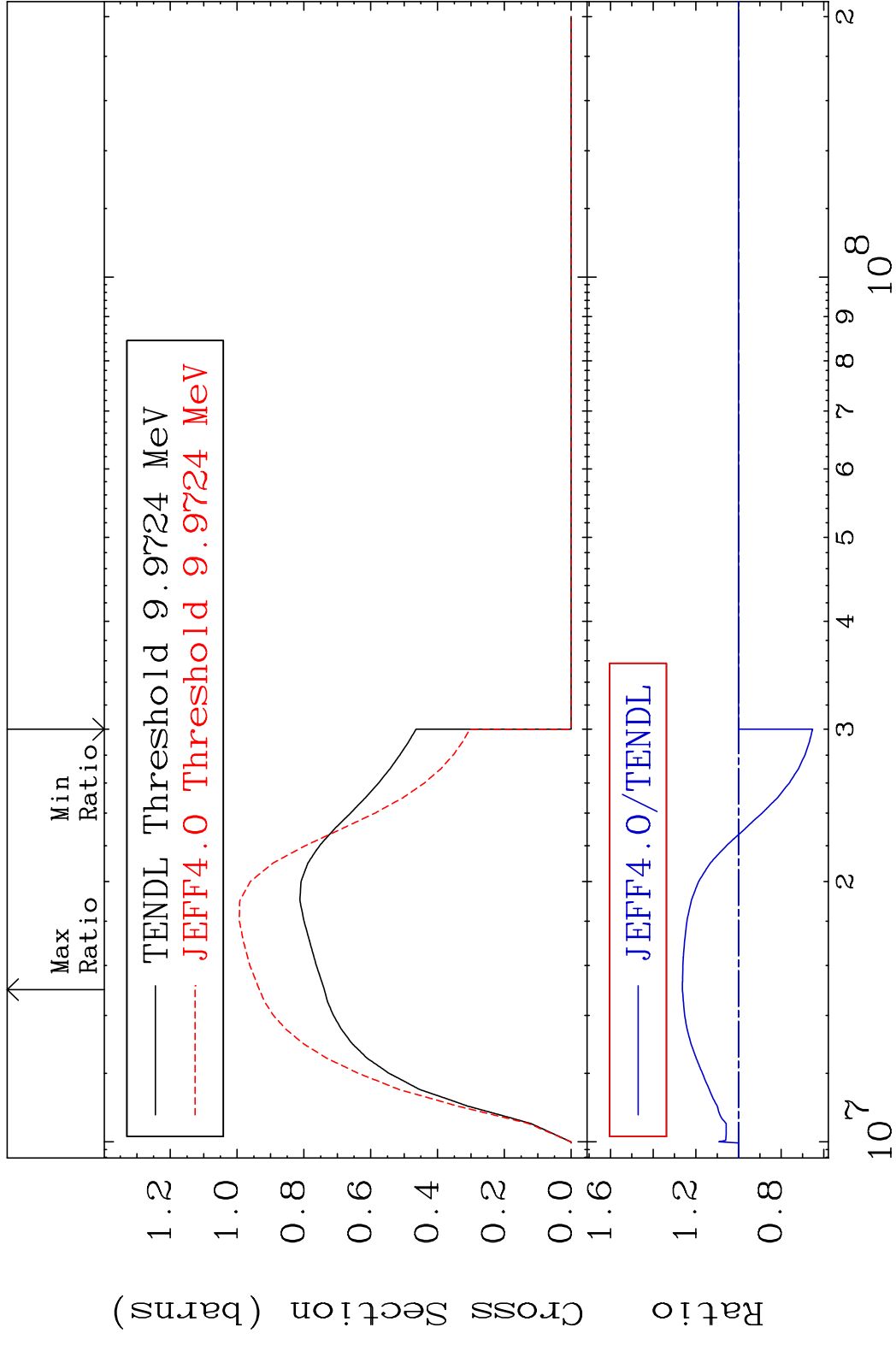
Incident Energy (eV)

36-Kr-86

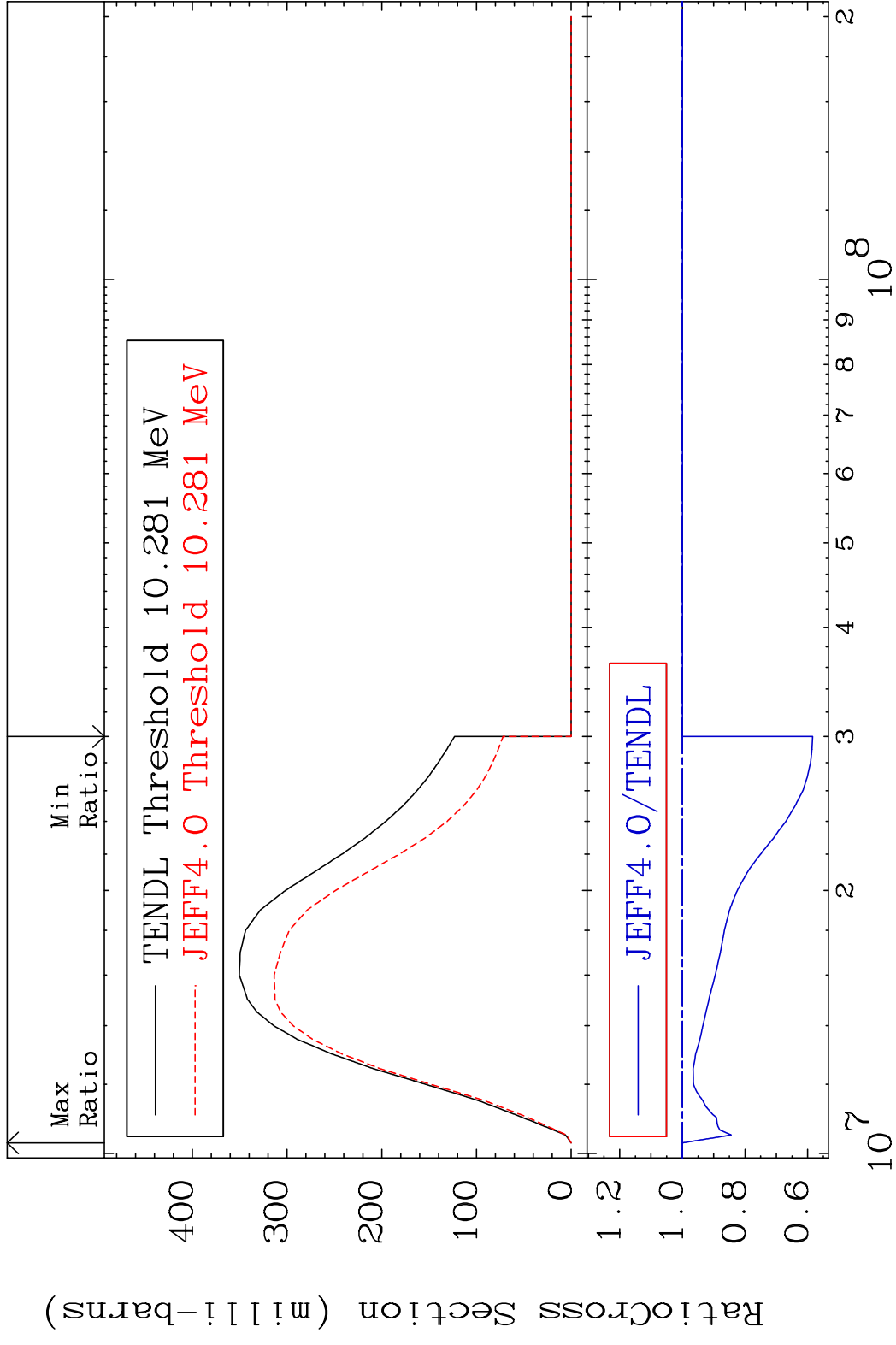


MAT 3649 Dpa disappearance (mt102 -120) 36-Kr-86  
 Cross Section -49.40 To 149.9 %



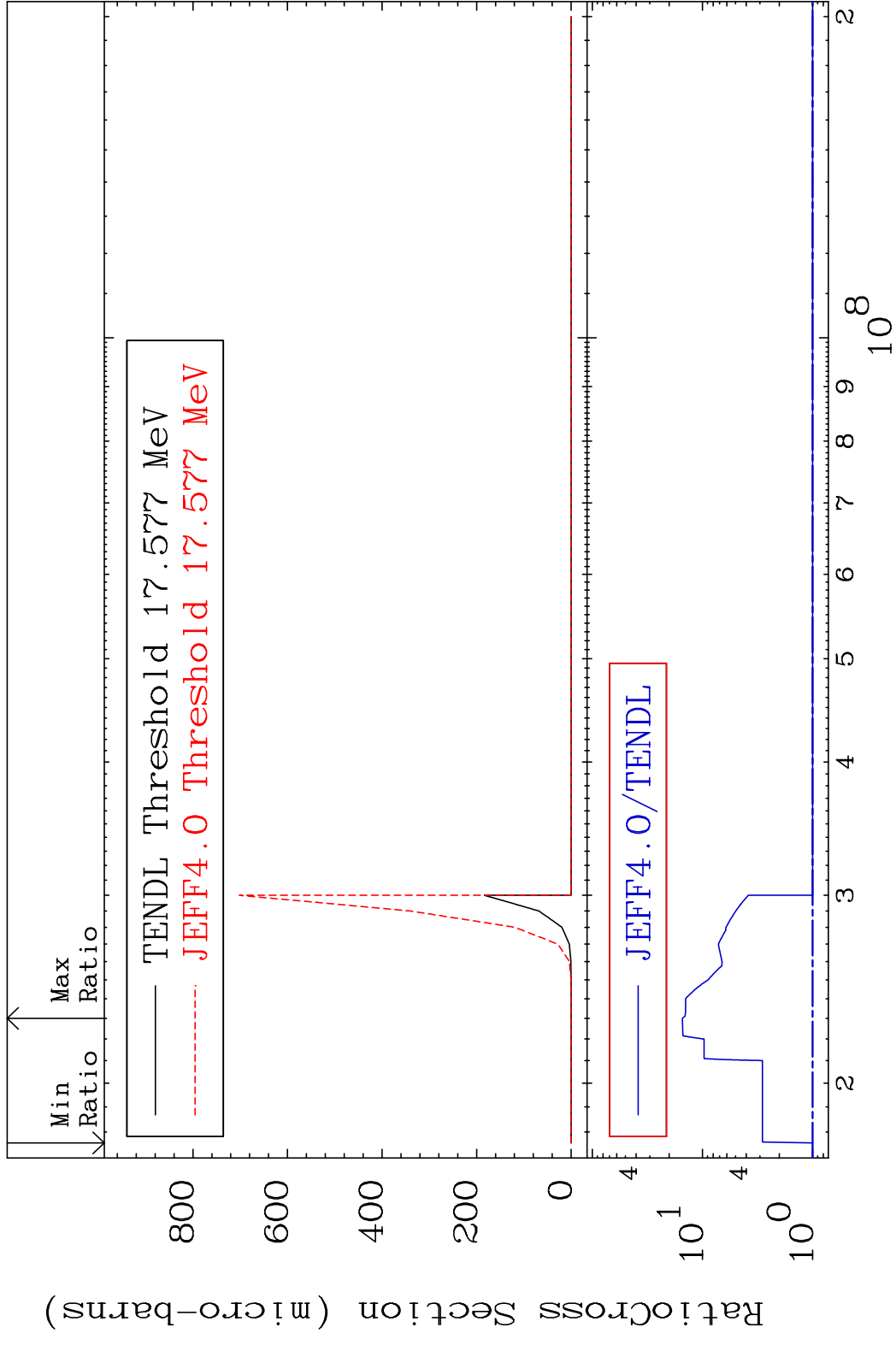


MAT 3649 (n,2n):36-Kr-85m1 36-Kr-86  
 Radionuclide Production Cross Section 0.000 %

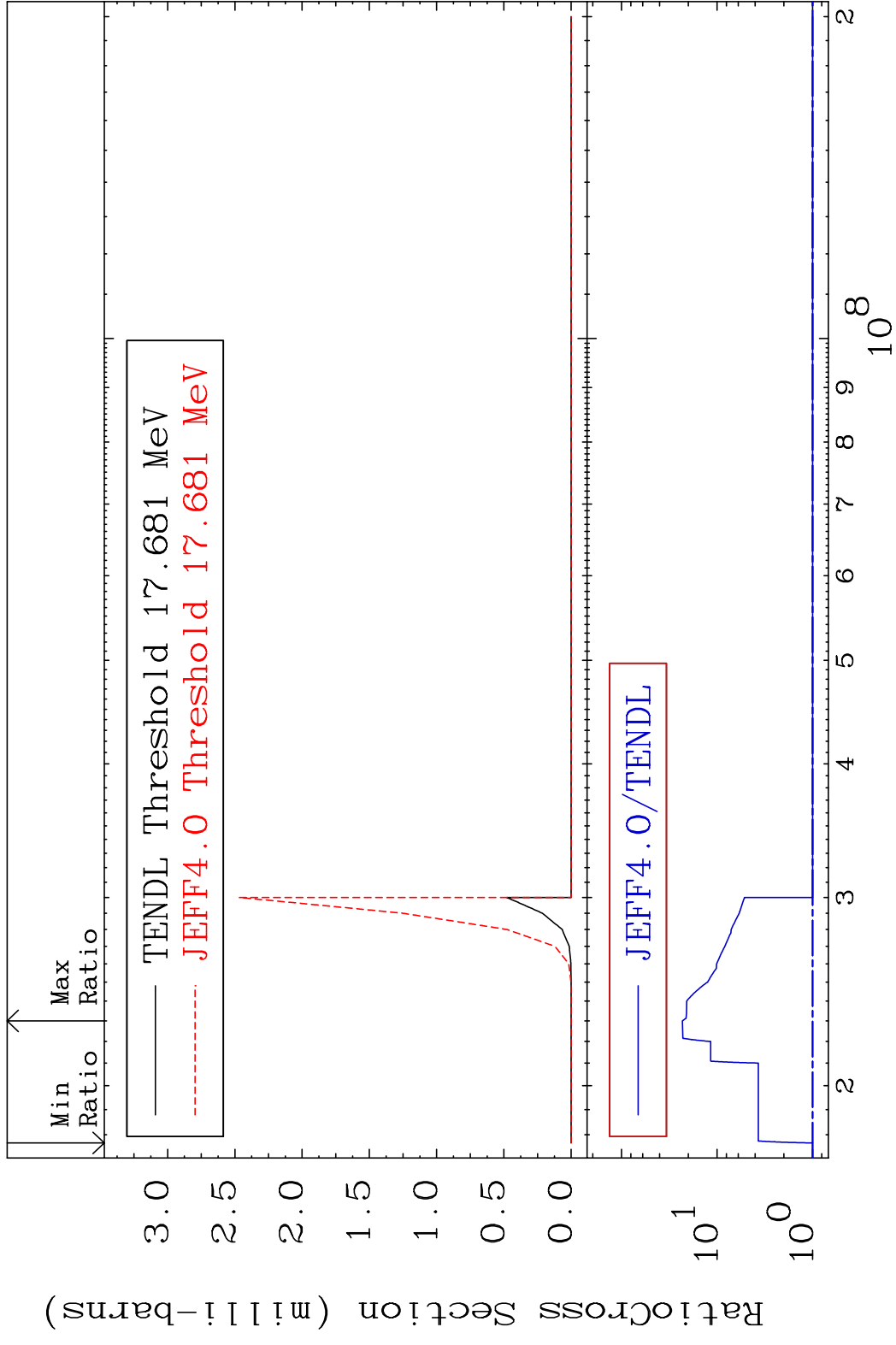


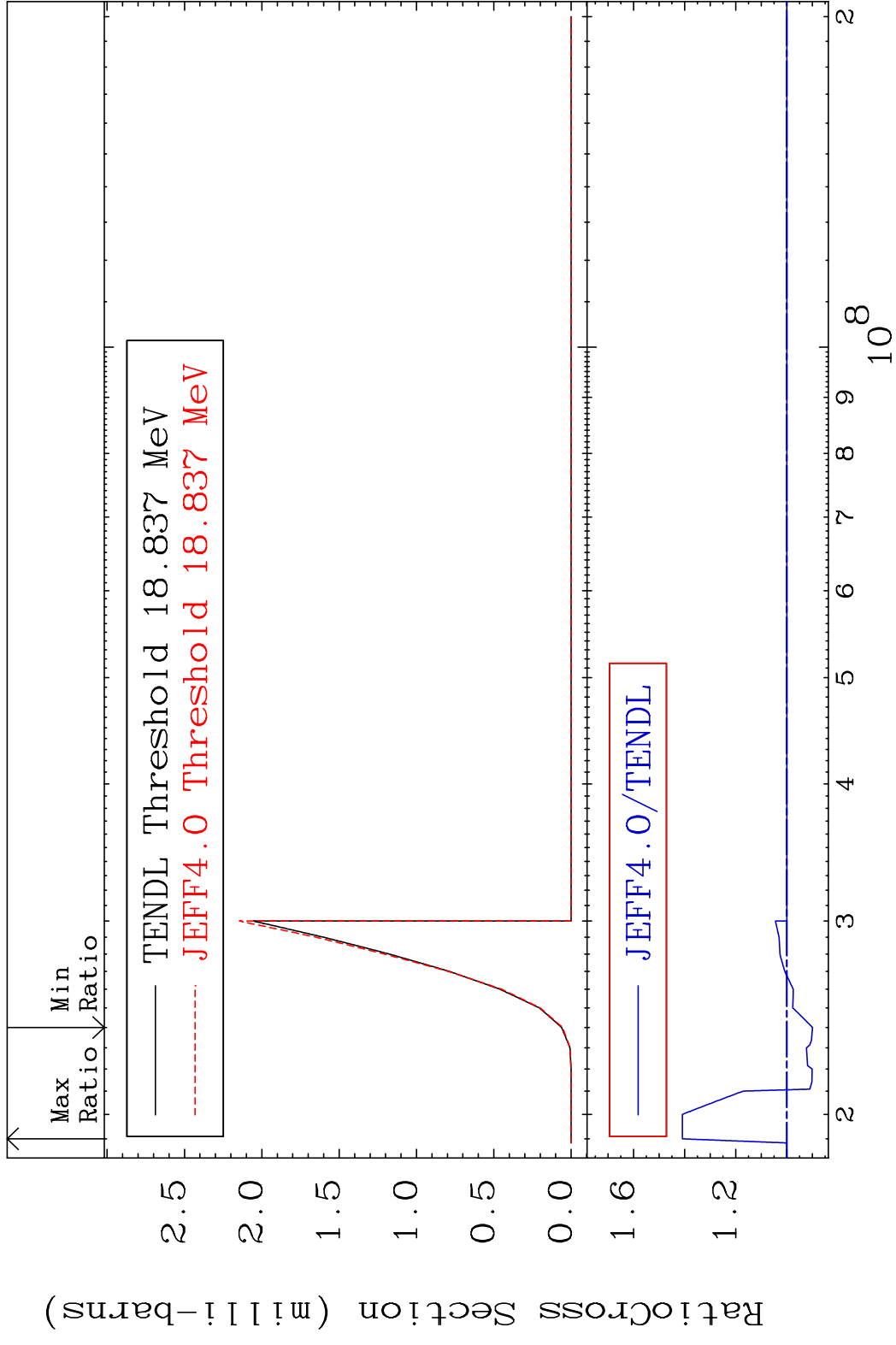
74 Incident Energy (eV) 36-Kr-86

MAT 3649 (n,2n)  $\alpha$ :34-Se-81g 36-Kr-86  
 Radionuclide Production Cross Section 1421. %

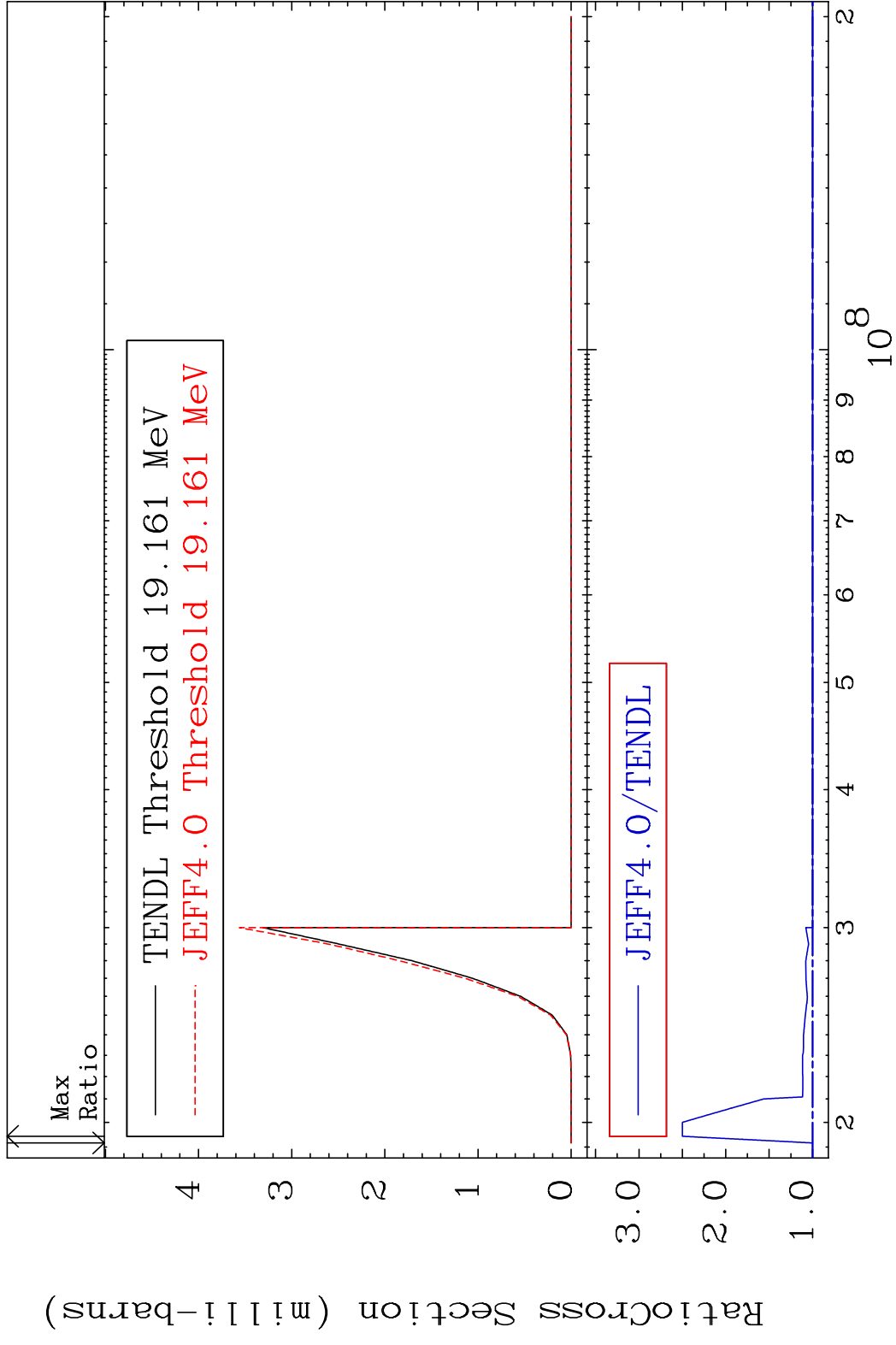


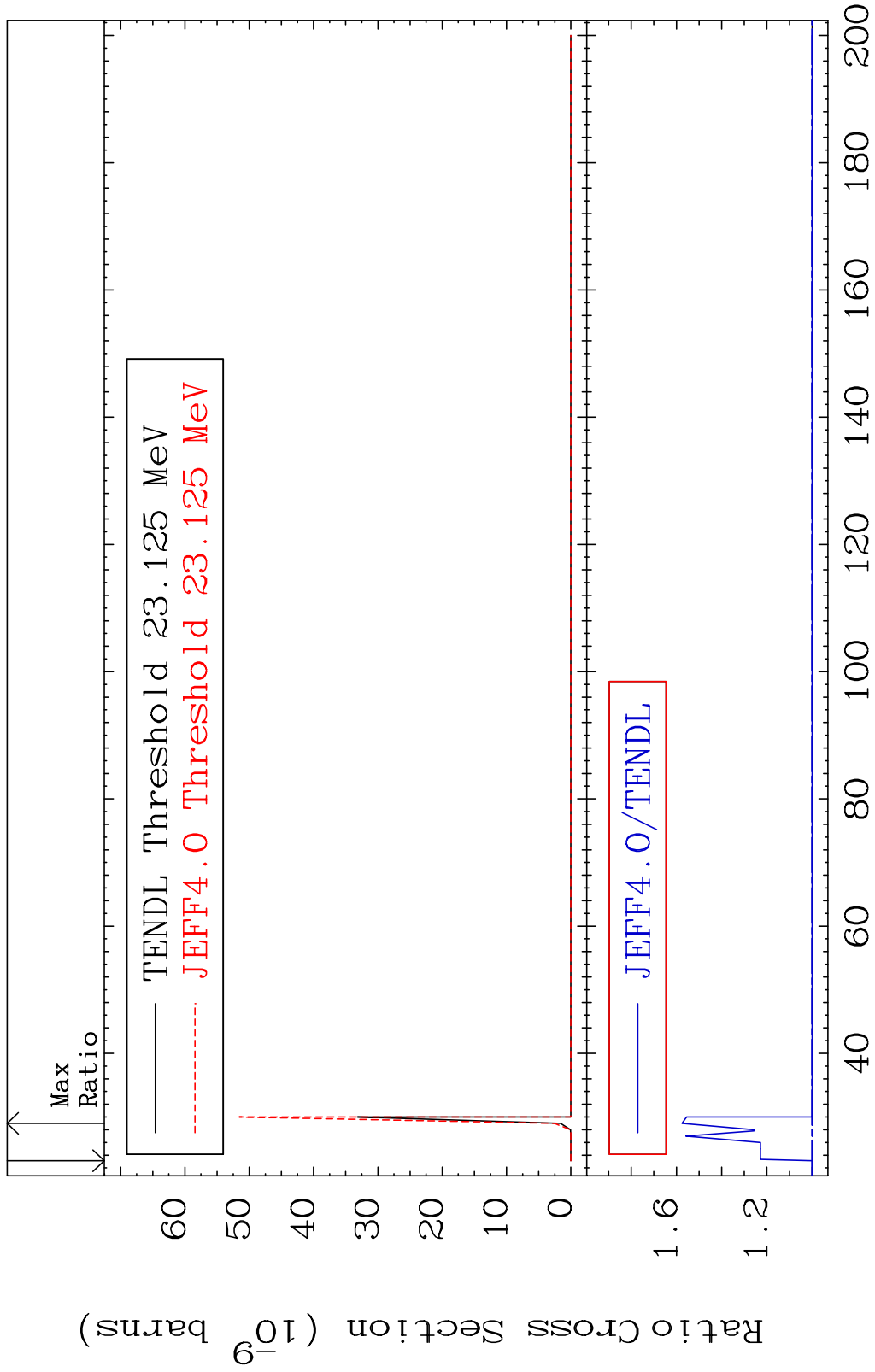
MAT 3649 (n,2n)  $\alpha$ :34-Se-81m1 36-Kr-86  
 Radionuclide Production Cross Section 2208. %



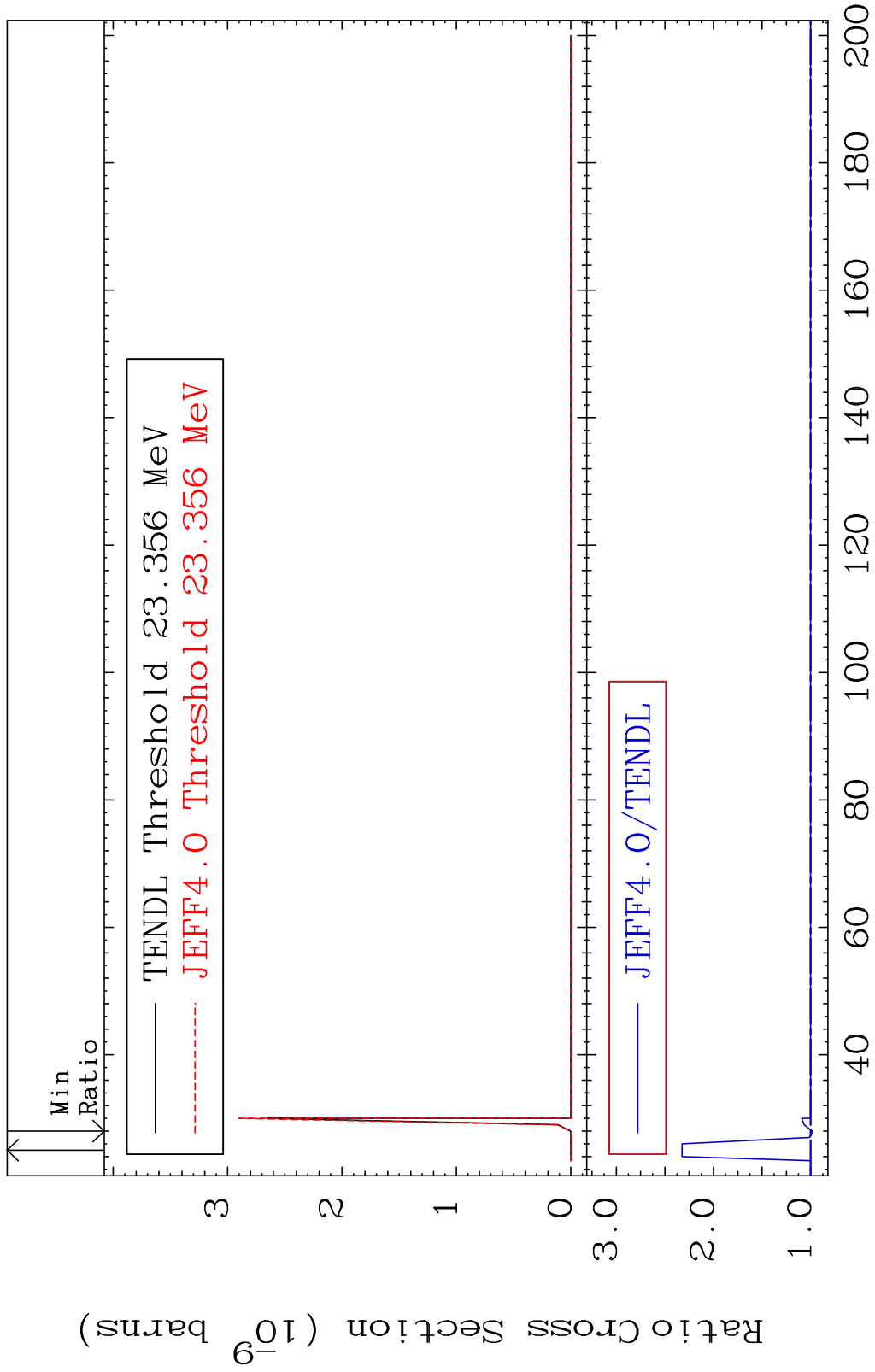


MAT 3649 (n, n') d:35-Br-84m1 36-Kr-86  
 Radionuclide Production Cross Section 150.0 %



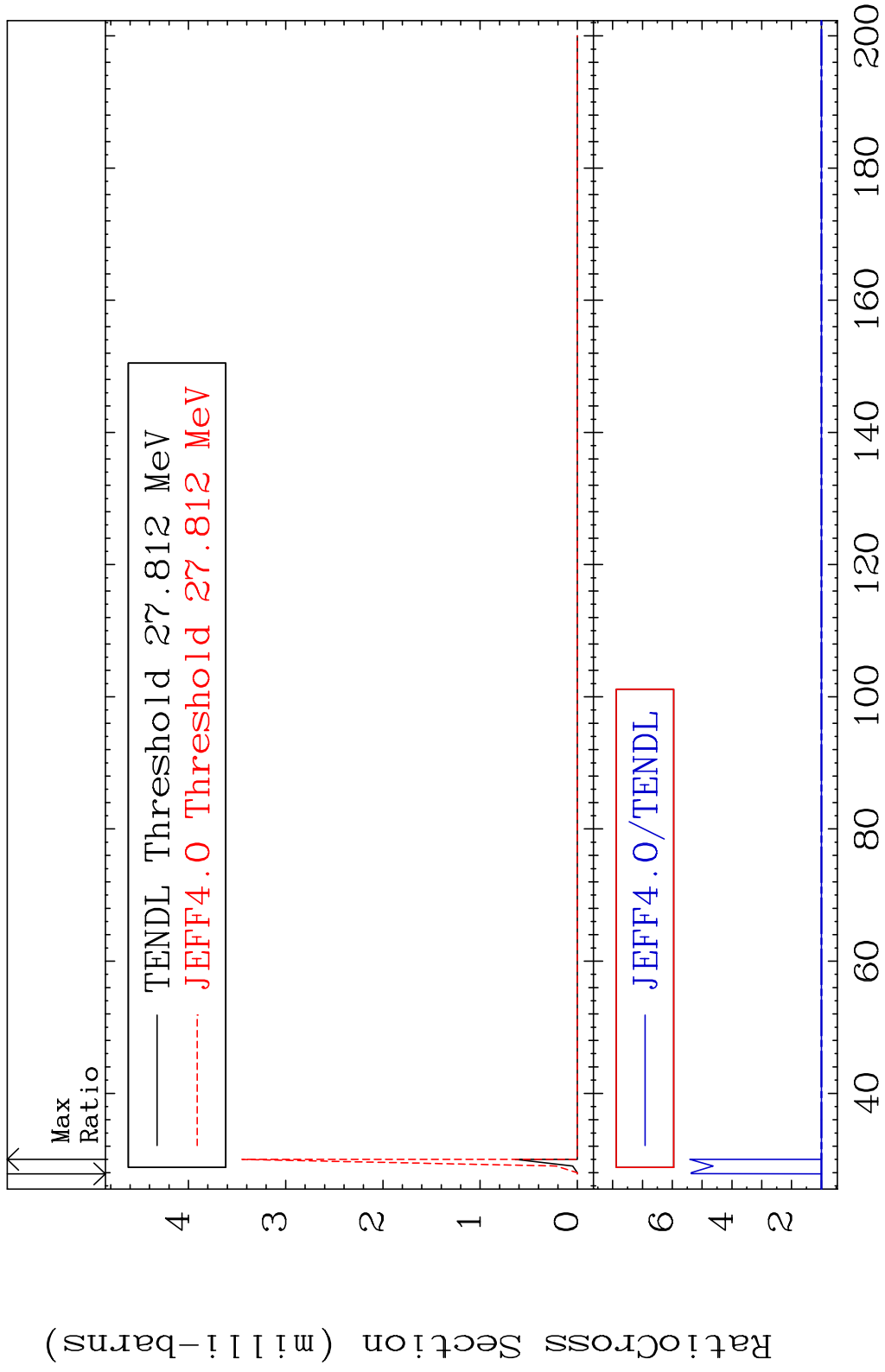


MAT 3649 (n, n') He-3:34-Se-83m1 36-Kr-86  
 Radionuclide Production Cross Section 132.4 %

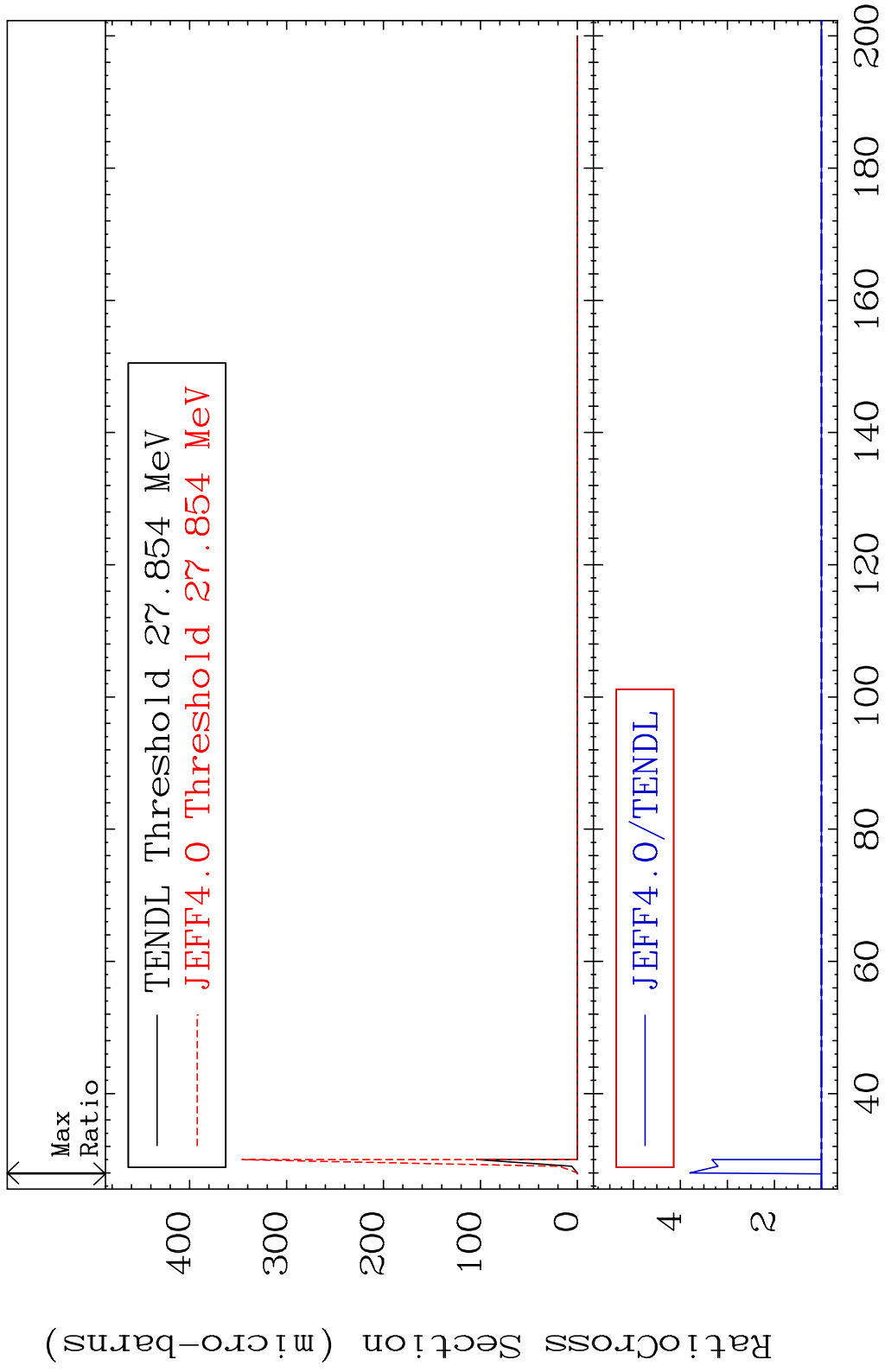


80 Incident Energy (MeV) 36-Kr-86

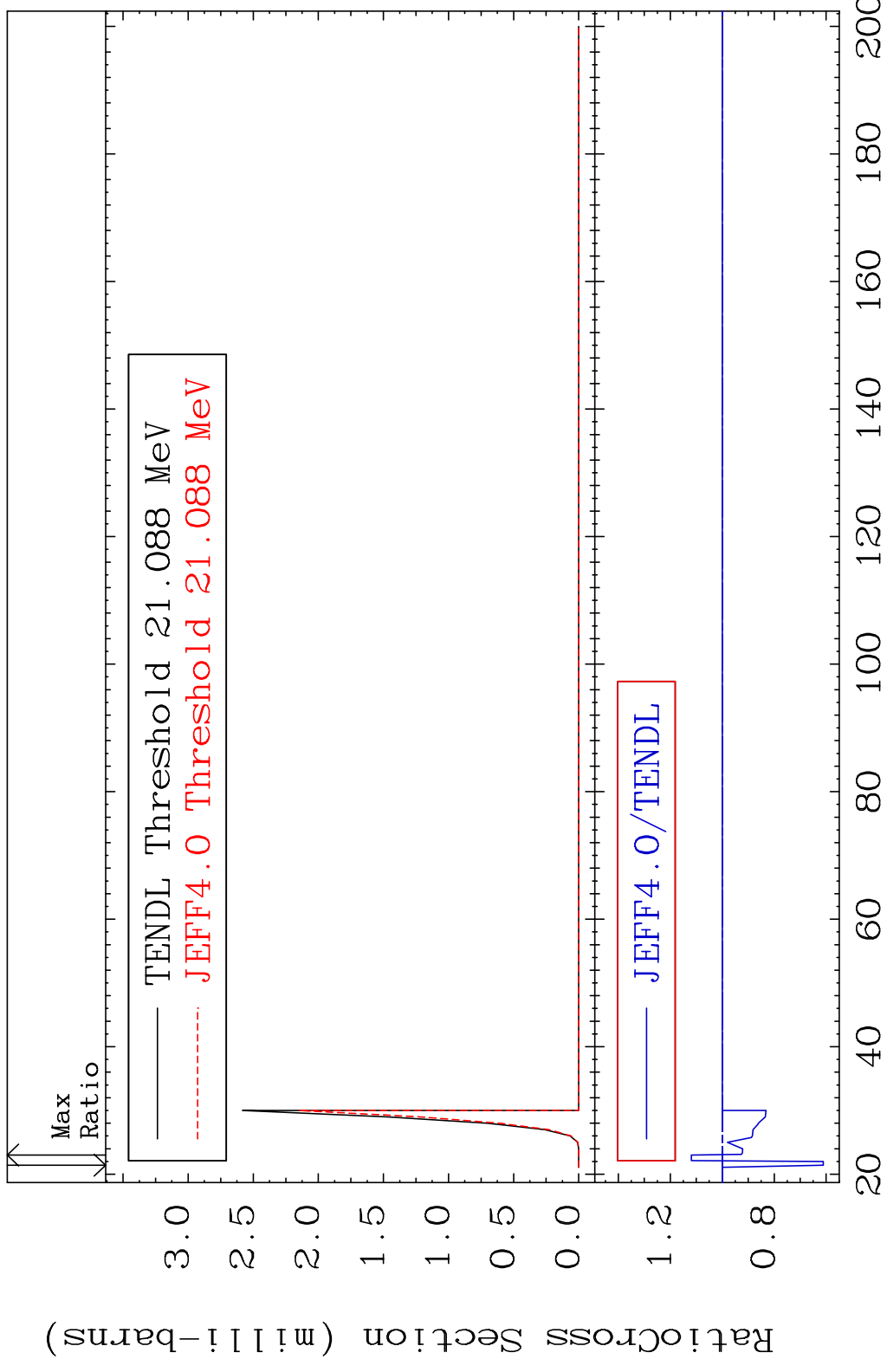
MAT 3649 (n,4n):36-Kr-83g 36-Kr-86  
 Radionuclide Production Cross Section 441.4 %

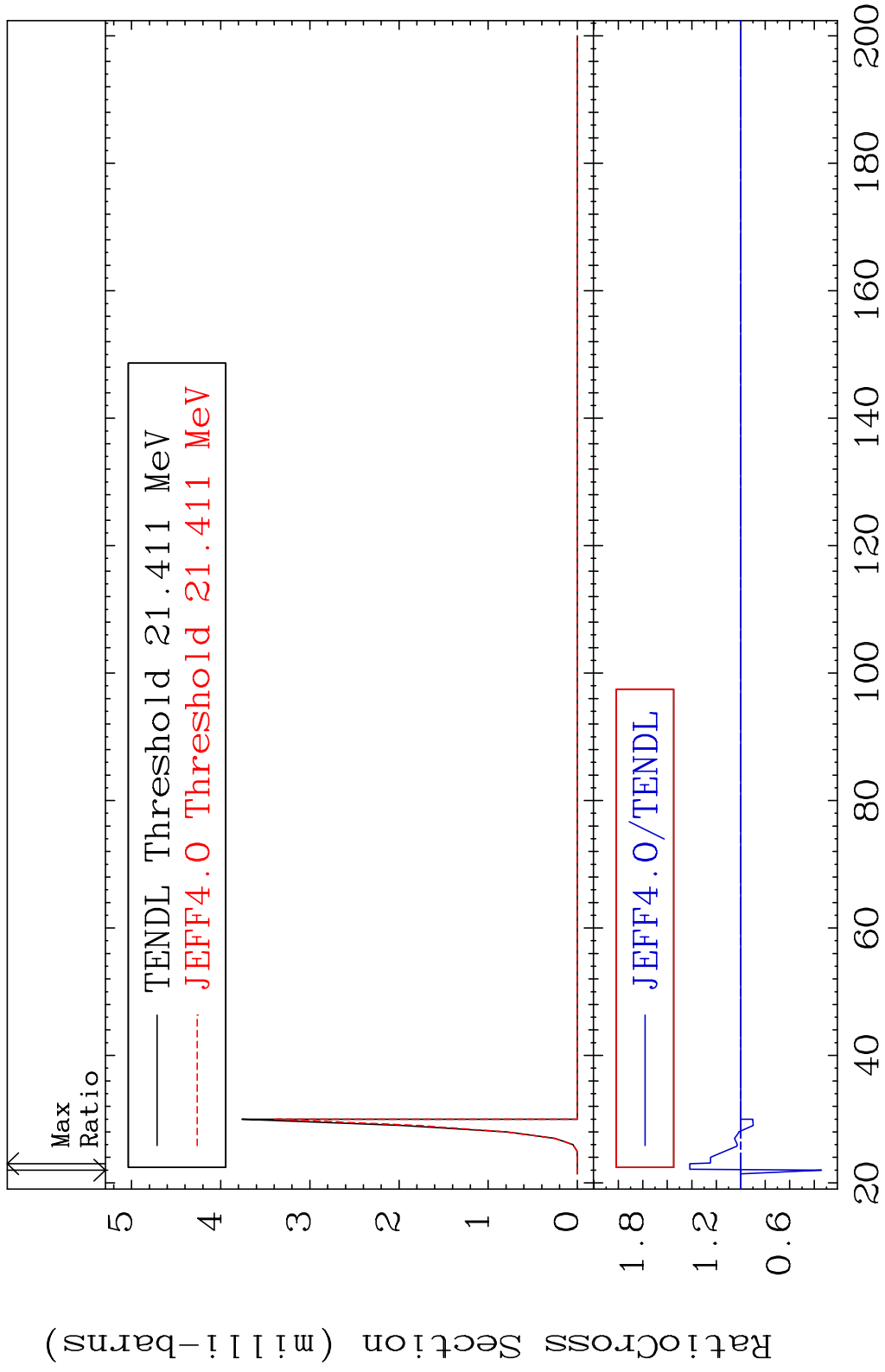


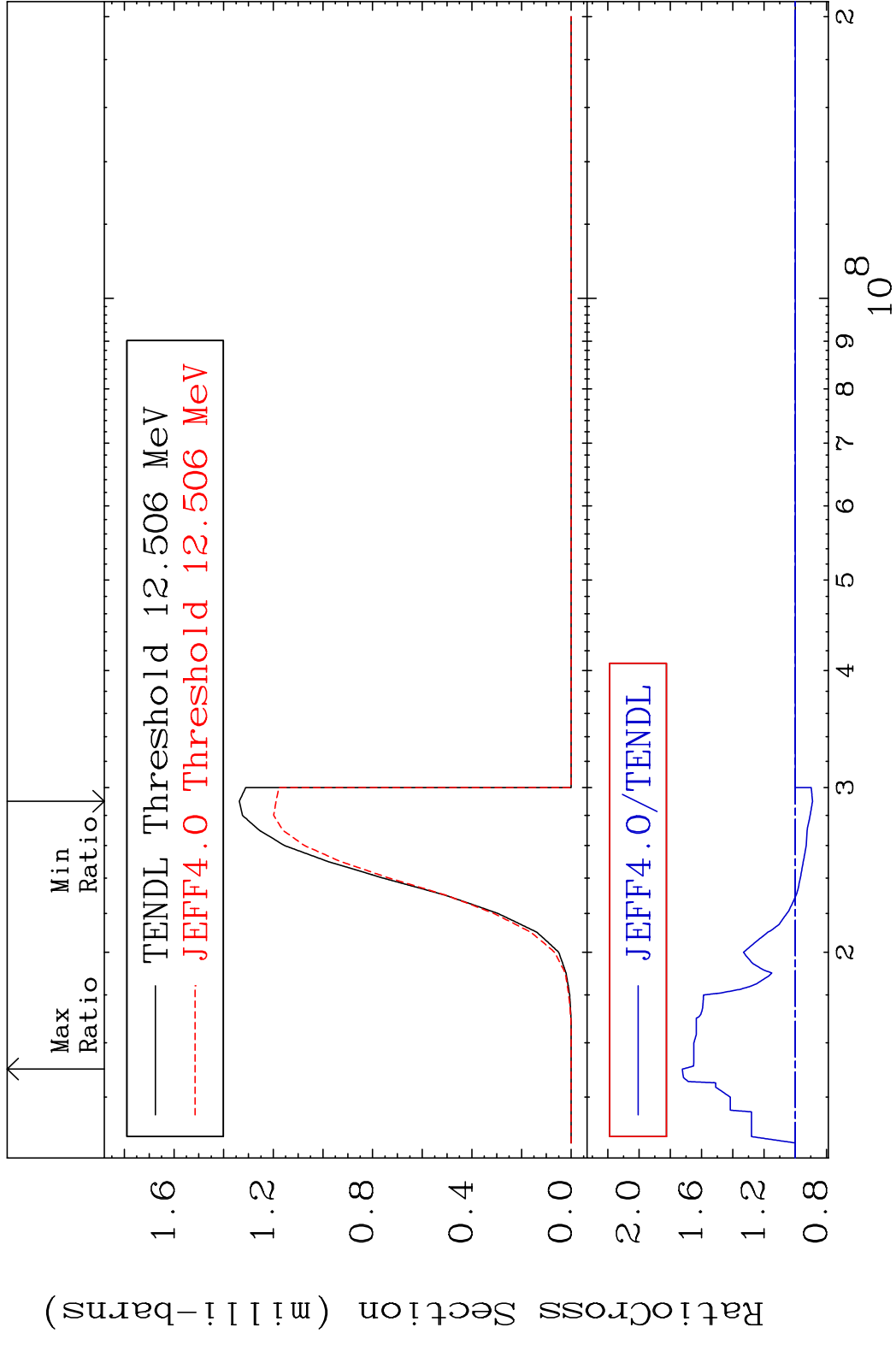
MAT 3649 (n,4n):36-Kr-83m2 36-Kr-86  
 Radionuclide Production Cross Section 279.9 %

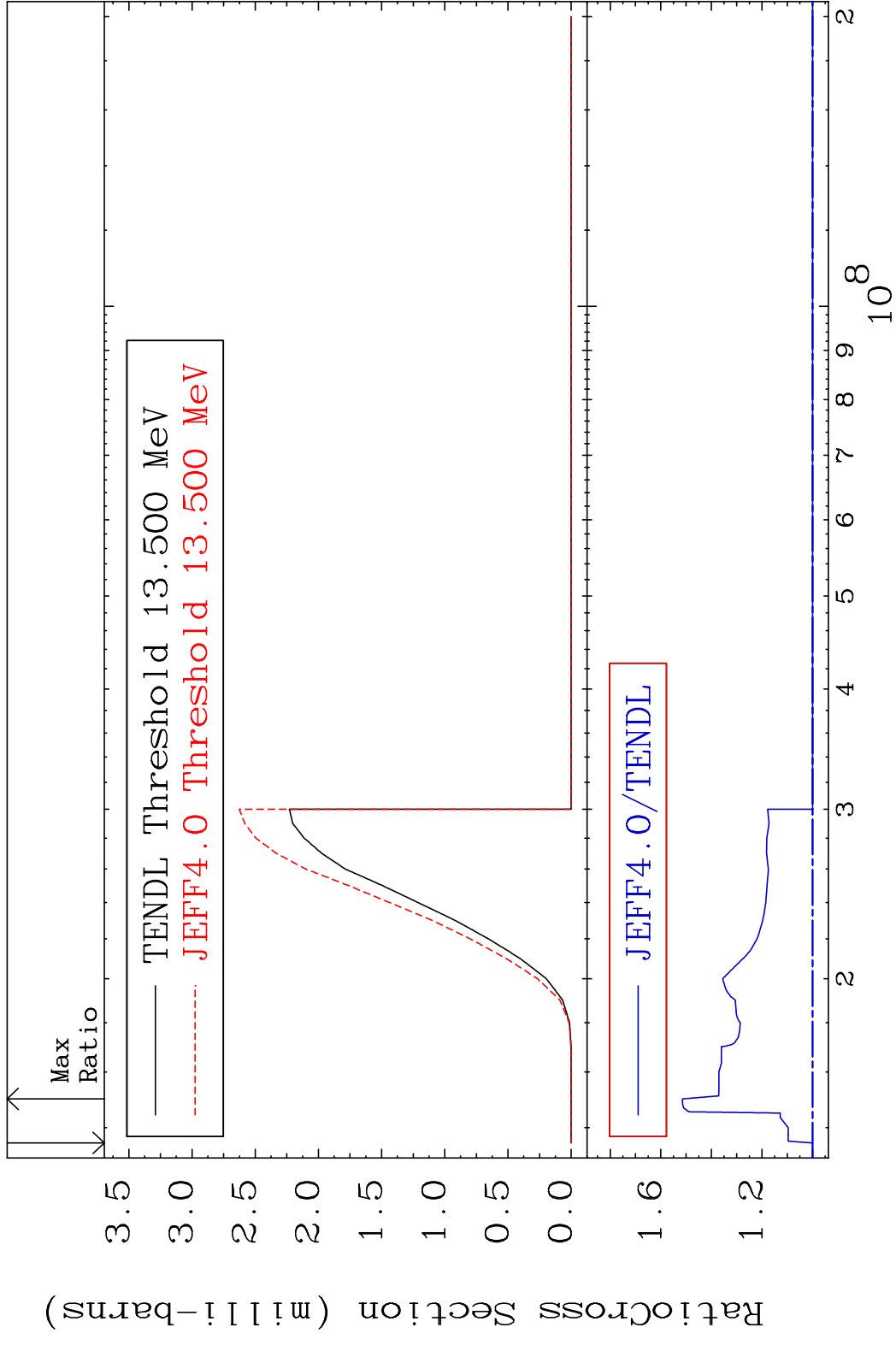


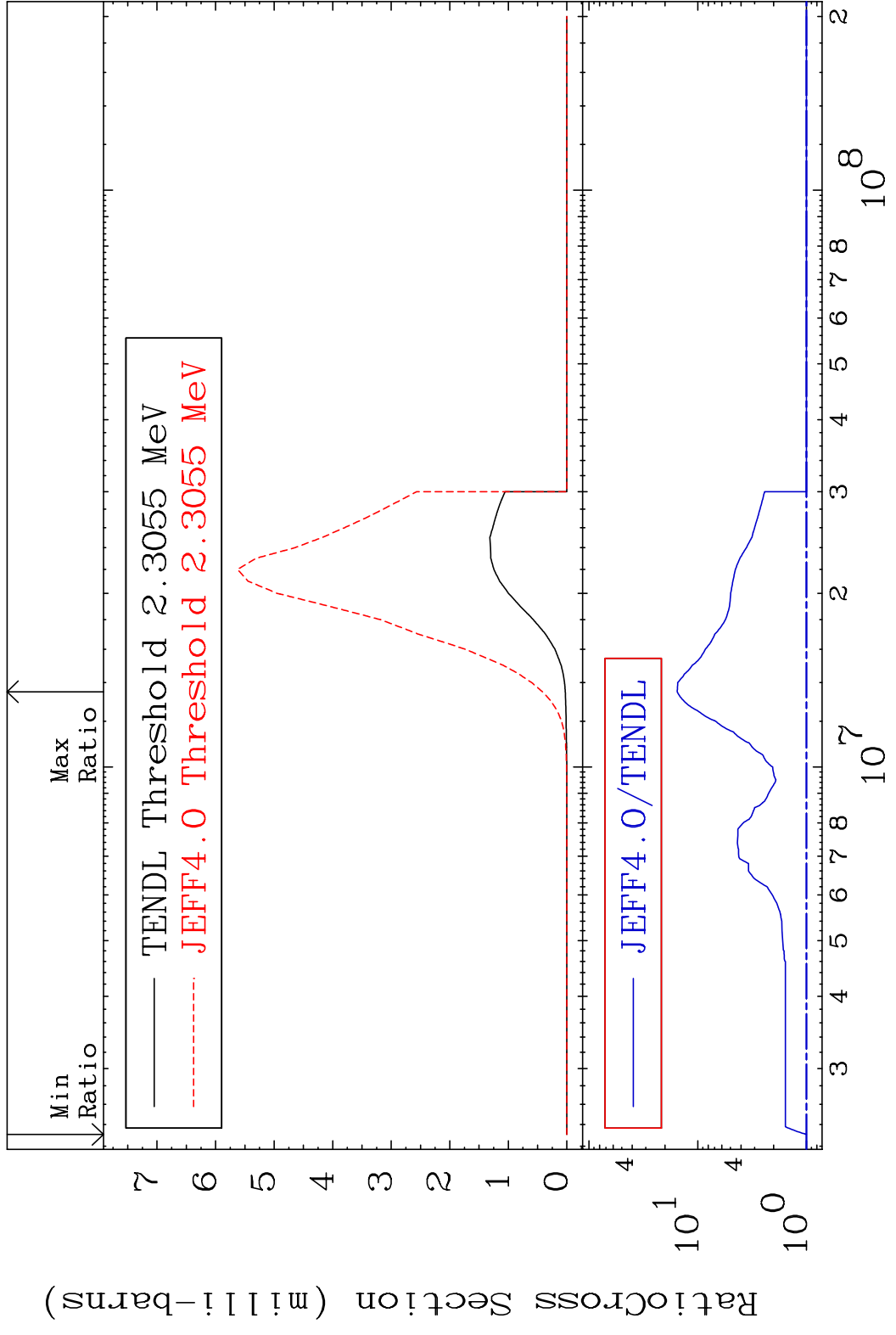
MAT 3649 (n,2n) p:35-Br-84g 36-Kr-86  
 Radionuclide Production Cross Section 38.67 dno 11.90 %

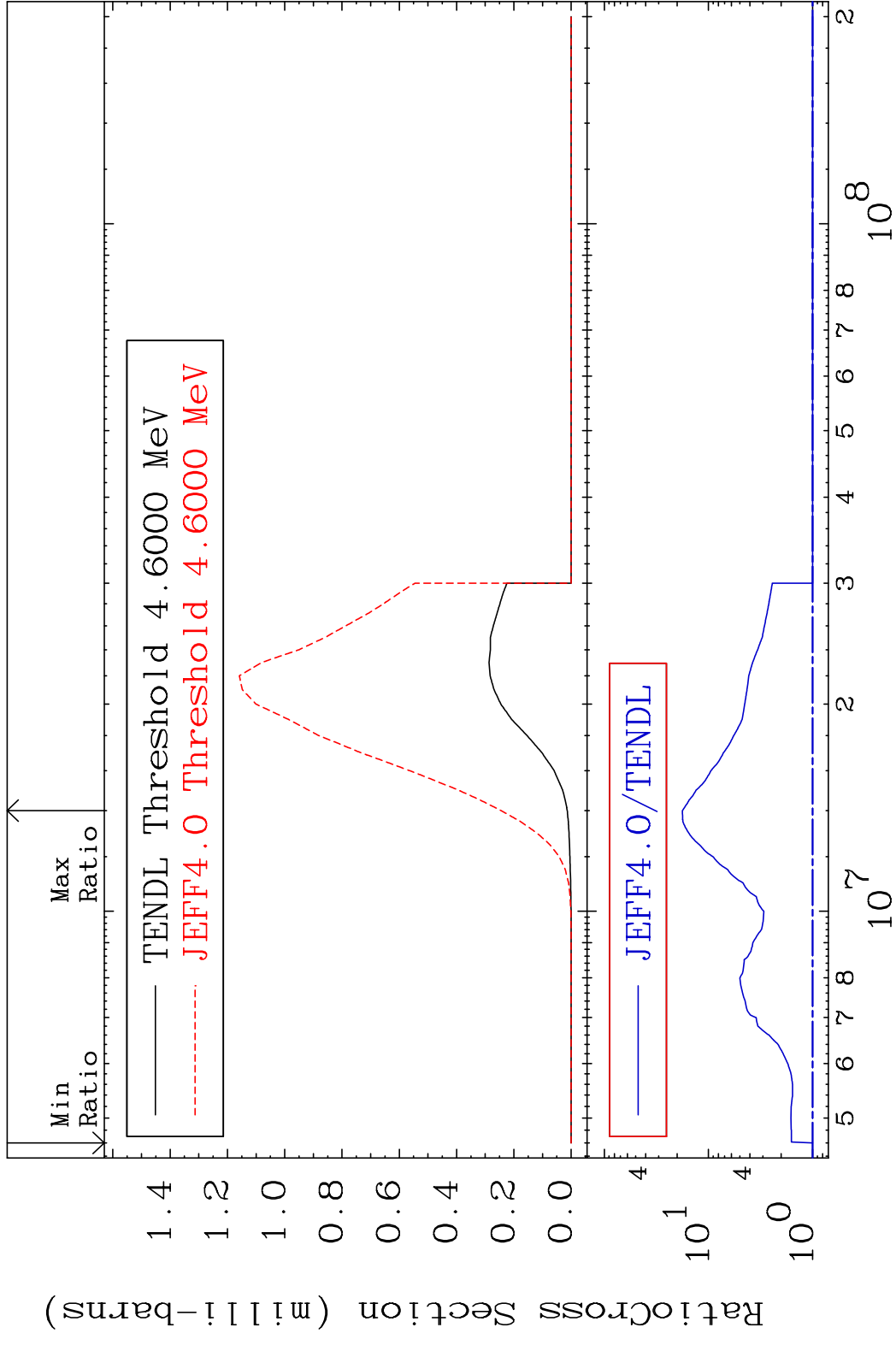


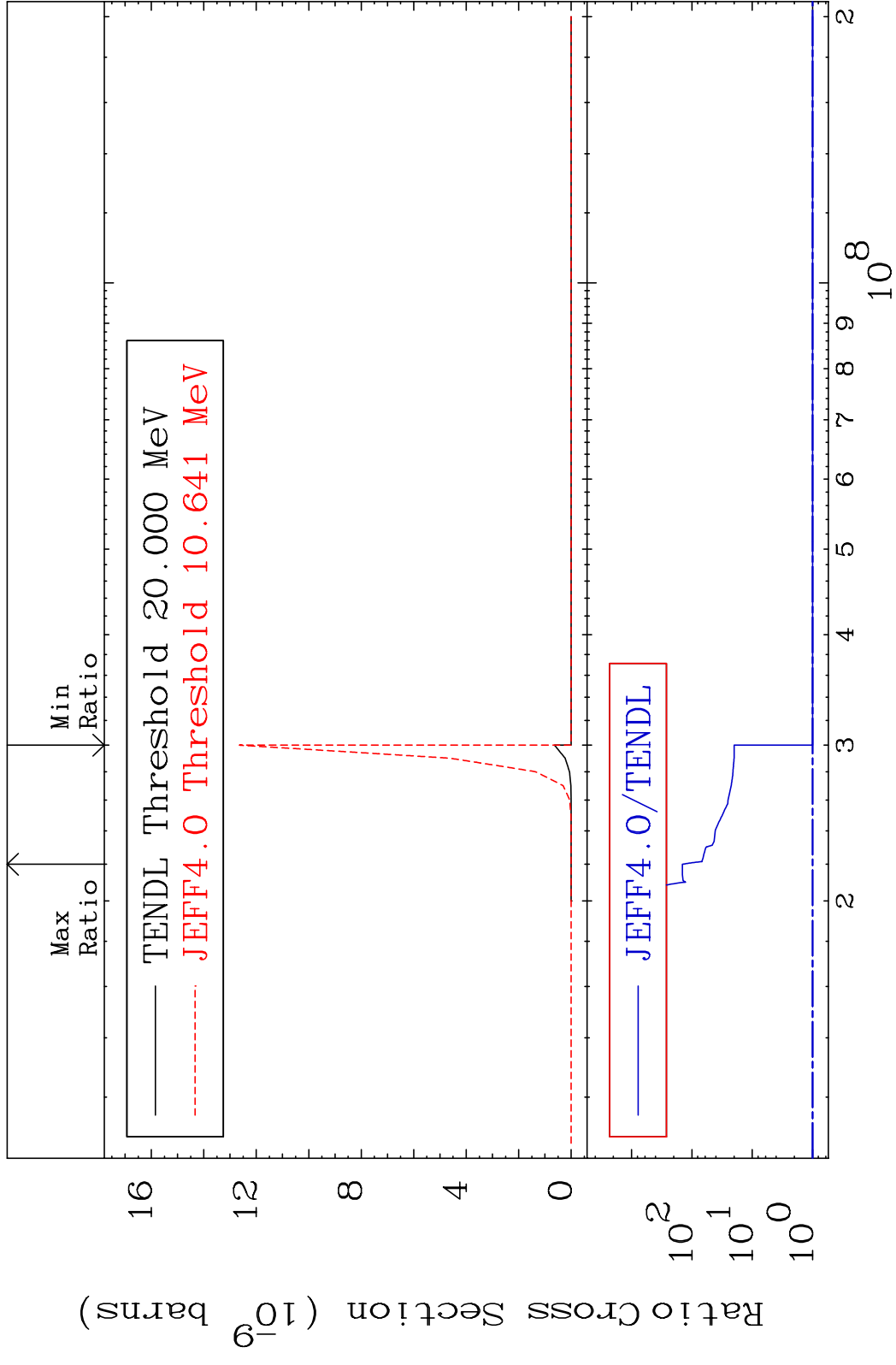


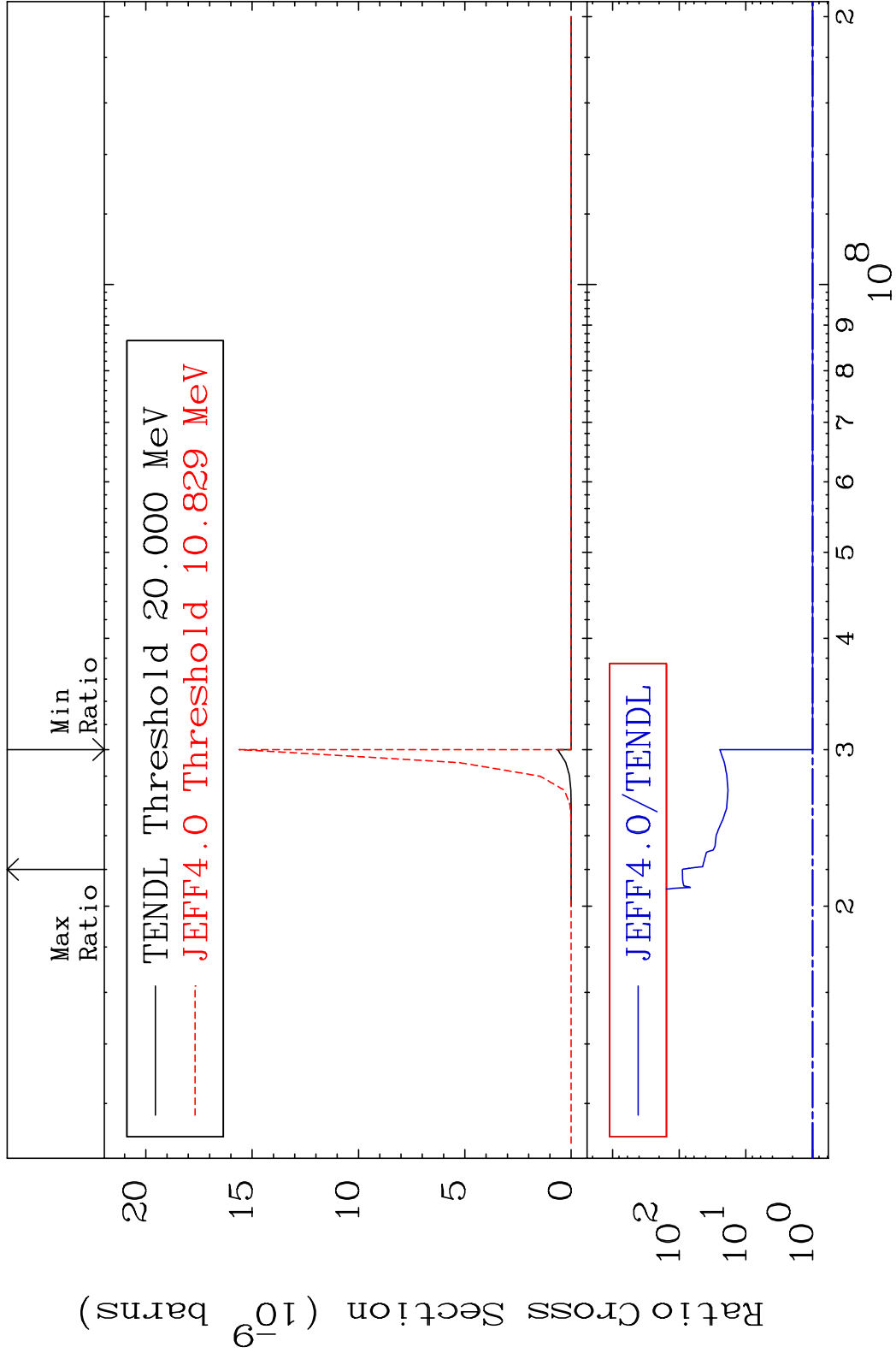


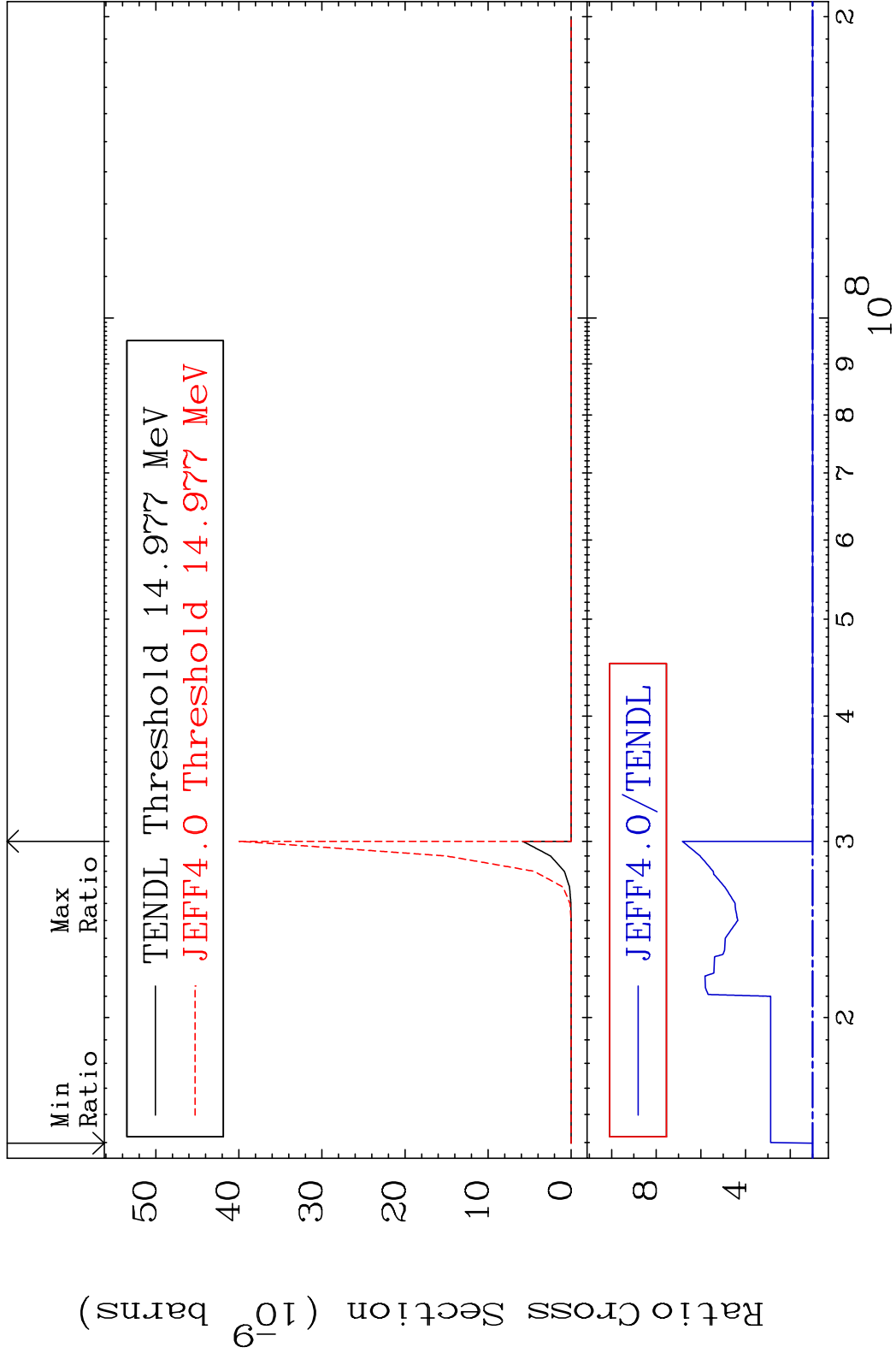












MAT 3649 (n, p)  $\alpha$ :33-As-82m1 36-Kr-86  
 Radionuclide Production Cross Section 390.0 %

