

Program Complot  
(Version 2021-1)

by

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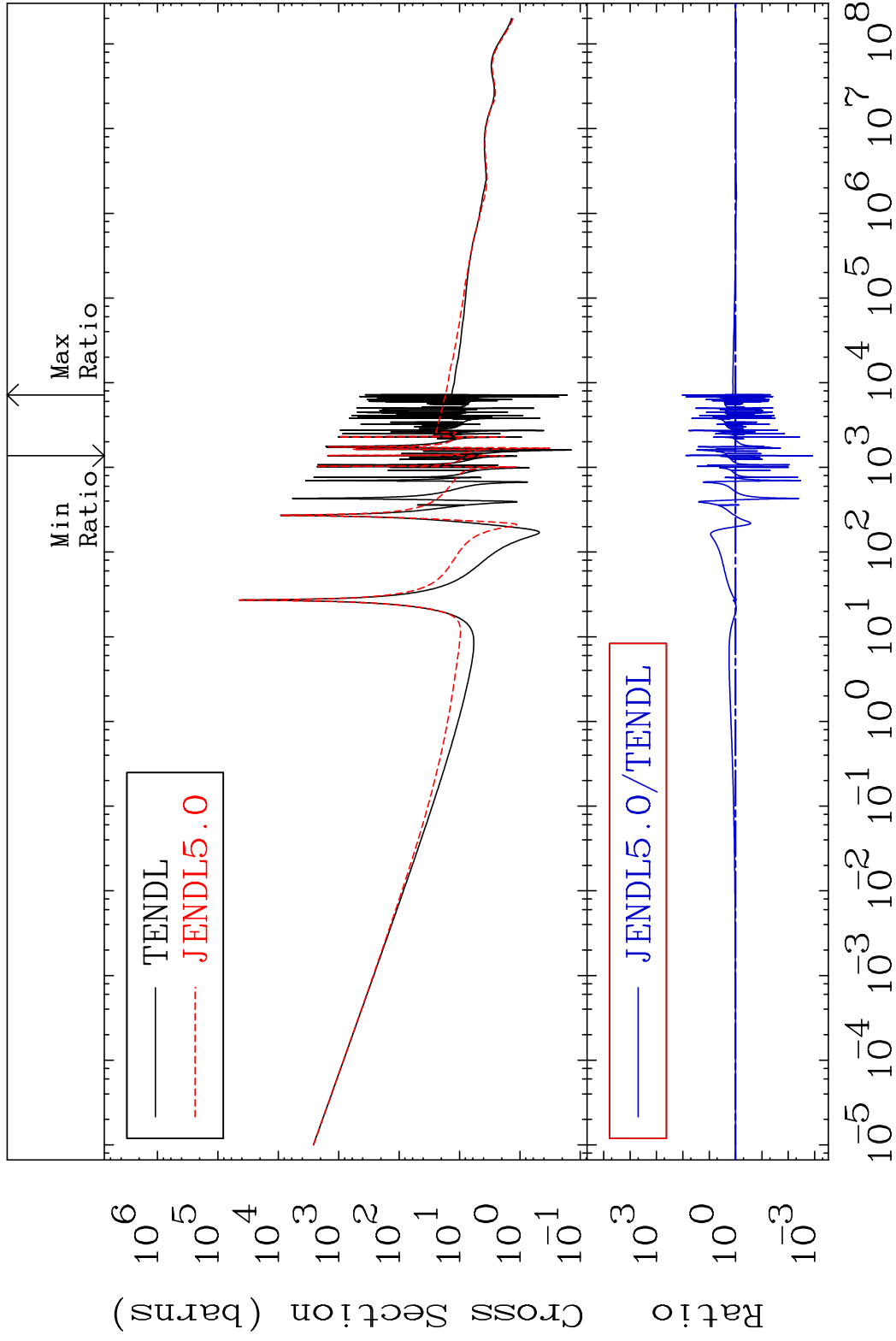
Press Mouse Button to Start

MAT 3425

Total

34-Se-74

Cross Section -99.88 To 9999. %



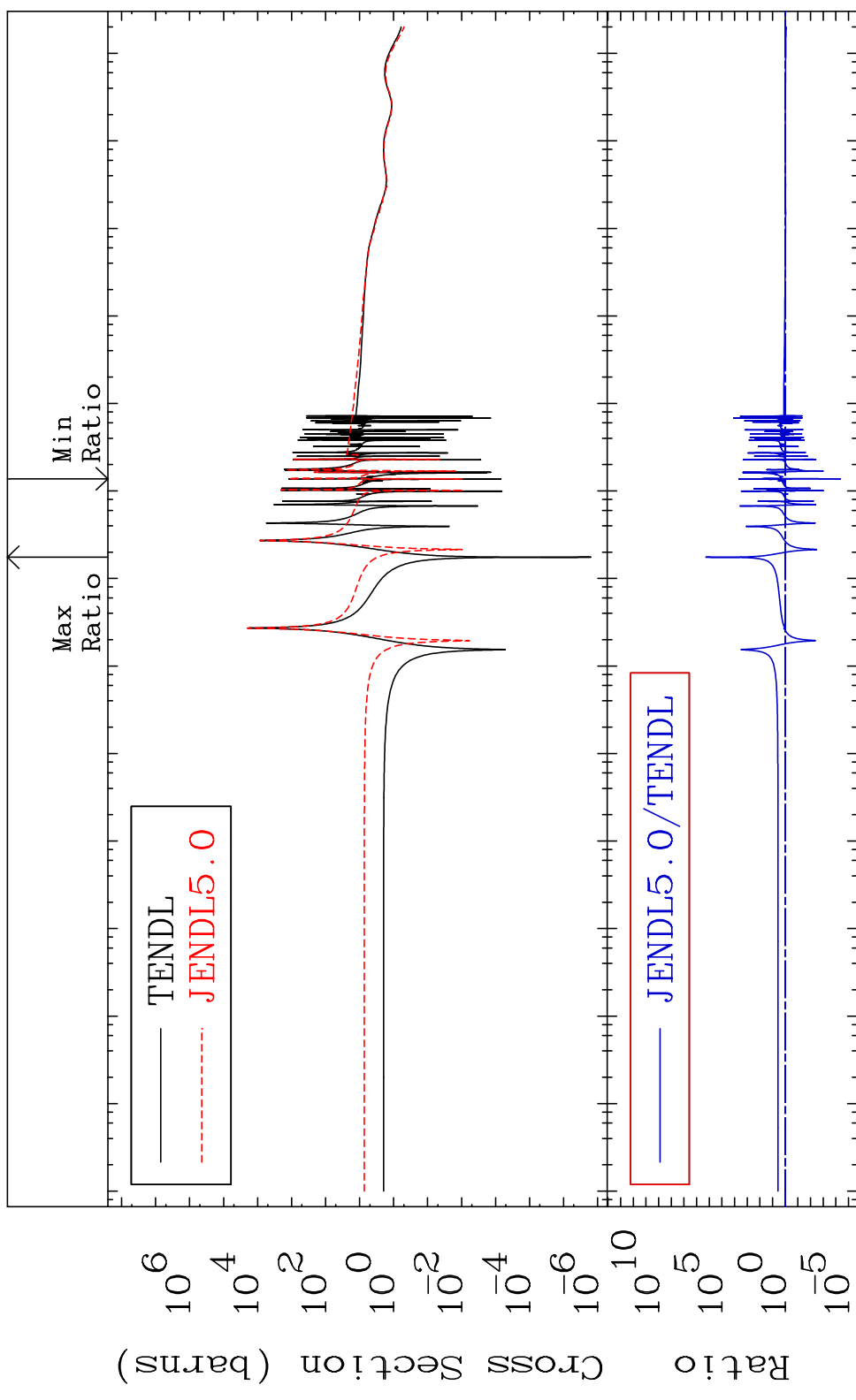
1

Incident Energy (eV)

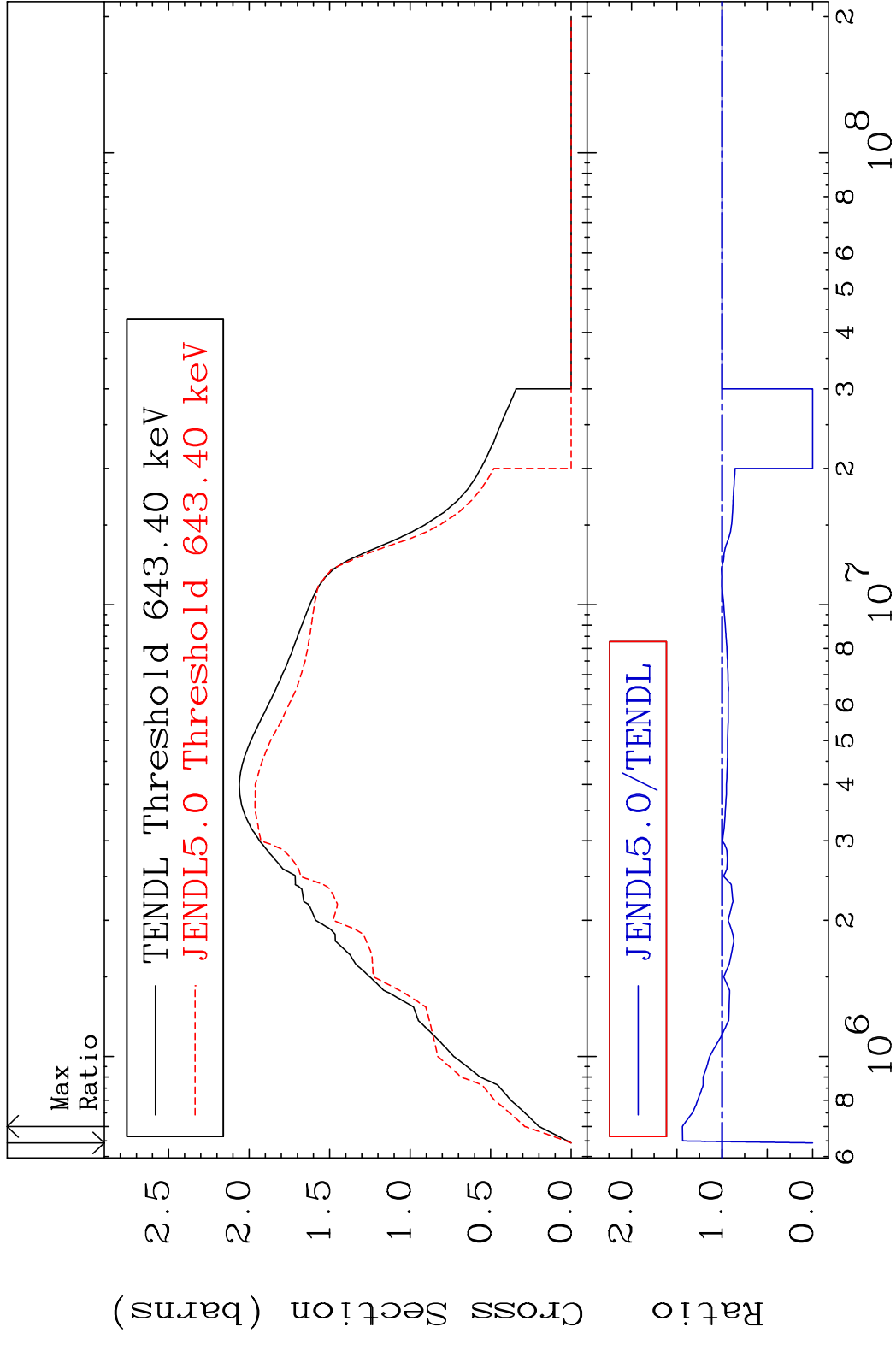
34-Se-74

MAT 3425

Elastic Cross Section -100.0 To 9999. %  
34-Se-74



MAT 3425 Inelastic 34-Se-74  
 Cross Section -100.0 To 43.90 %



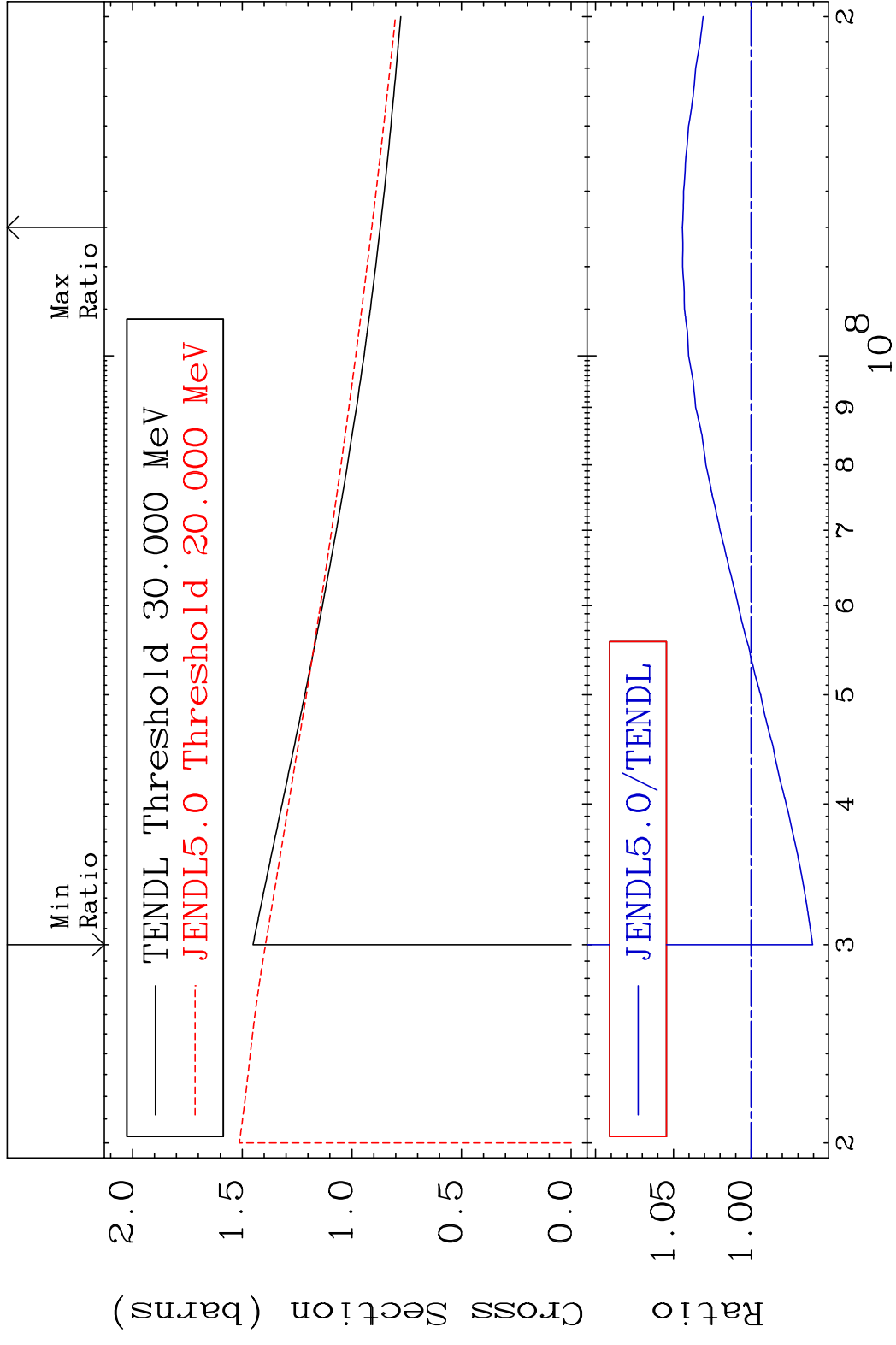
3 Incident Energy (eV) 34-Se-74

MAT 3425

(n, remainder)

34-Se-74

Cross Section -3.939 To 4.425 %



4

Incident Energy (eV)

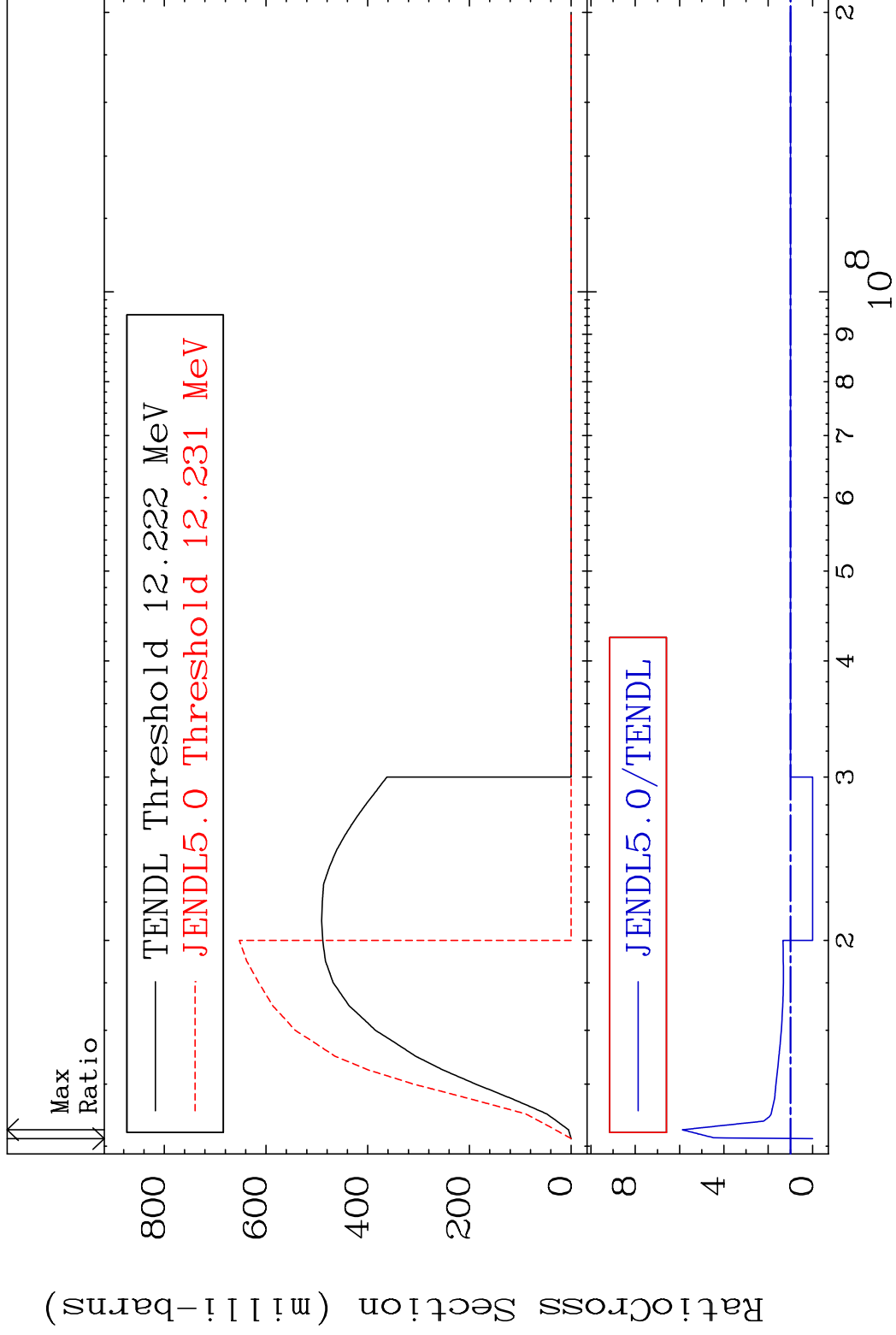
34-Se-74

MAT 3425

(n,2n)

<sup>34</sup>Se-74

Cross Section -100.0 To 487.5 %

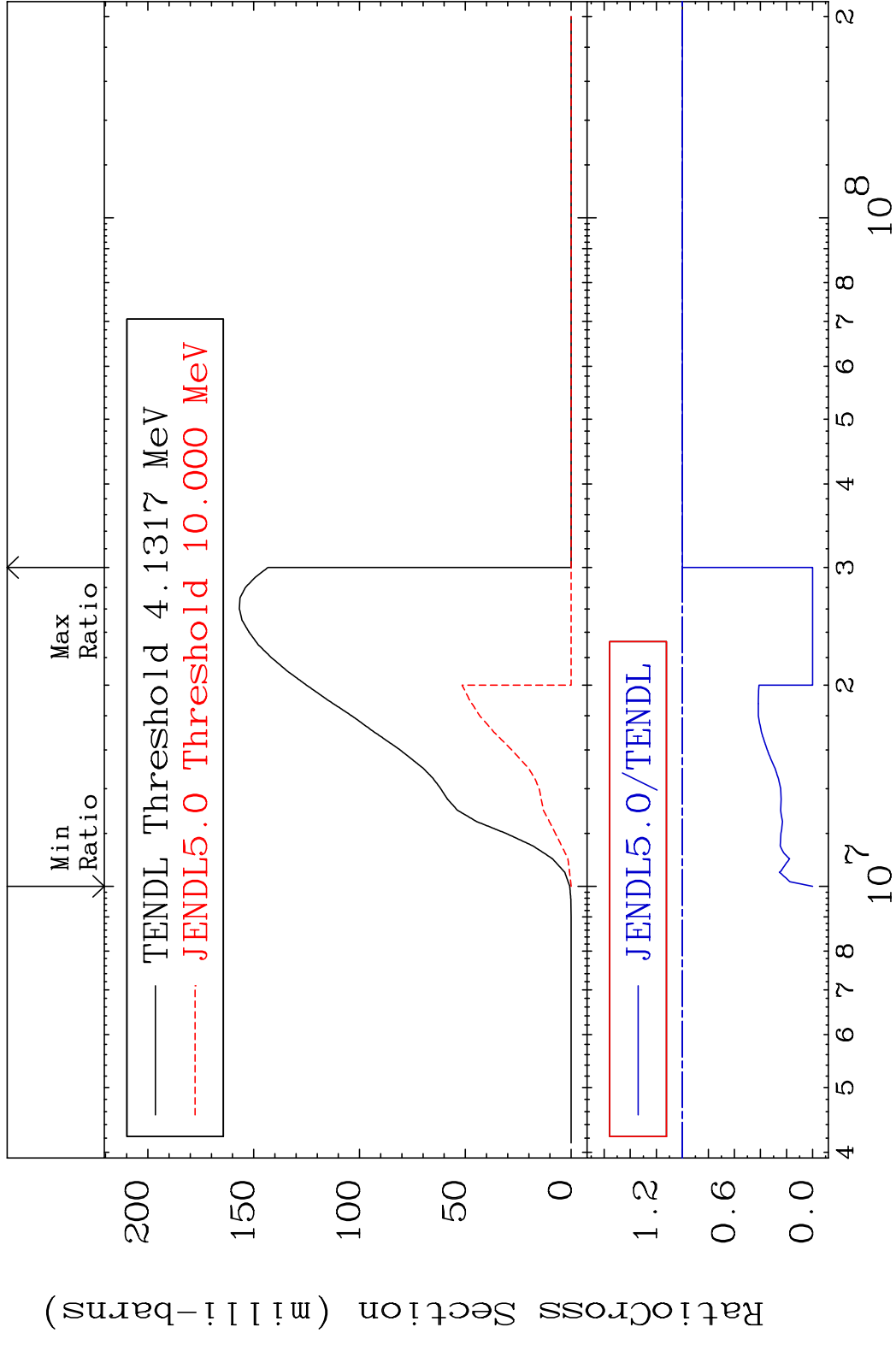


5

Incident Energy (eV)

<sup>34</sup>Se-74

MAT 3425  $(n, n') \alpha$   $^{34}\text{Se-74}$   
 Cross Section -100.0 To 0.000 %

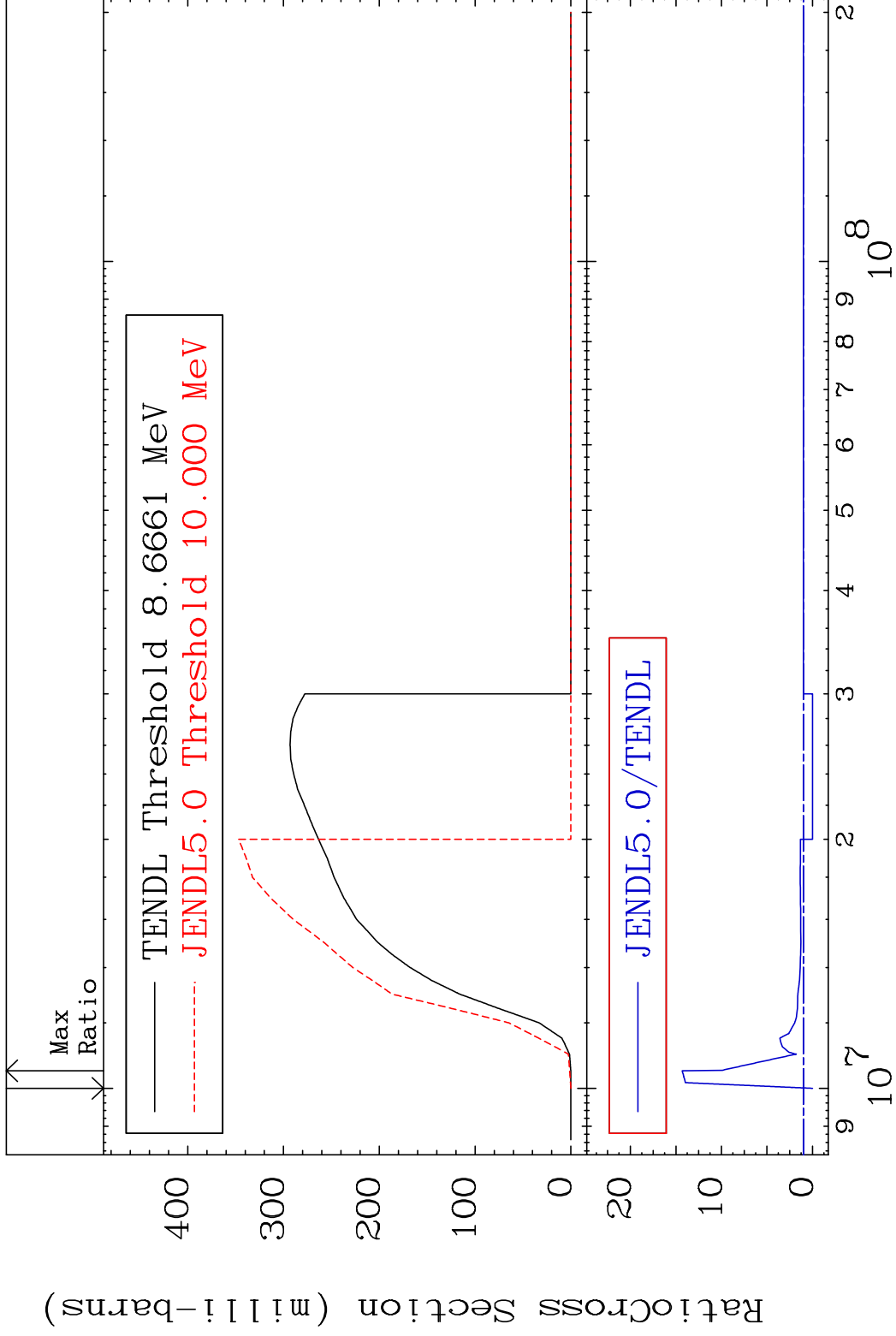


MAT 3425

(n, n') p

<sup>34</sup>Se-74

Cross Section -100.0 To 1332. %



7

Incident Energy (eV)

<sup>34</sup>Se-74

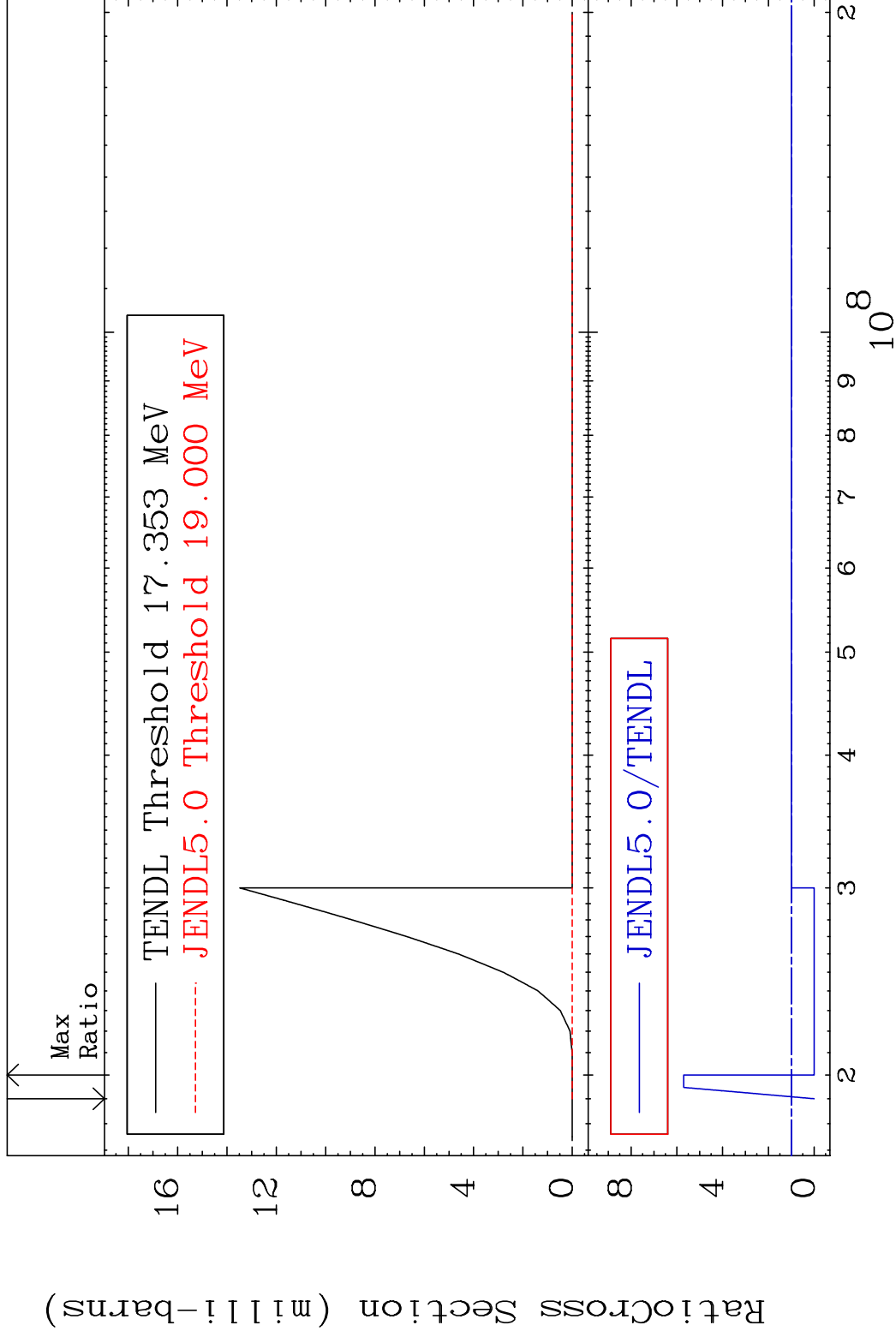


MAT 3425

(n, n') d

<sup>34</sup>Se-74

Cross Section -100.0 To 470.2 %

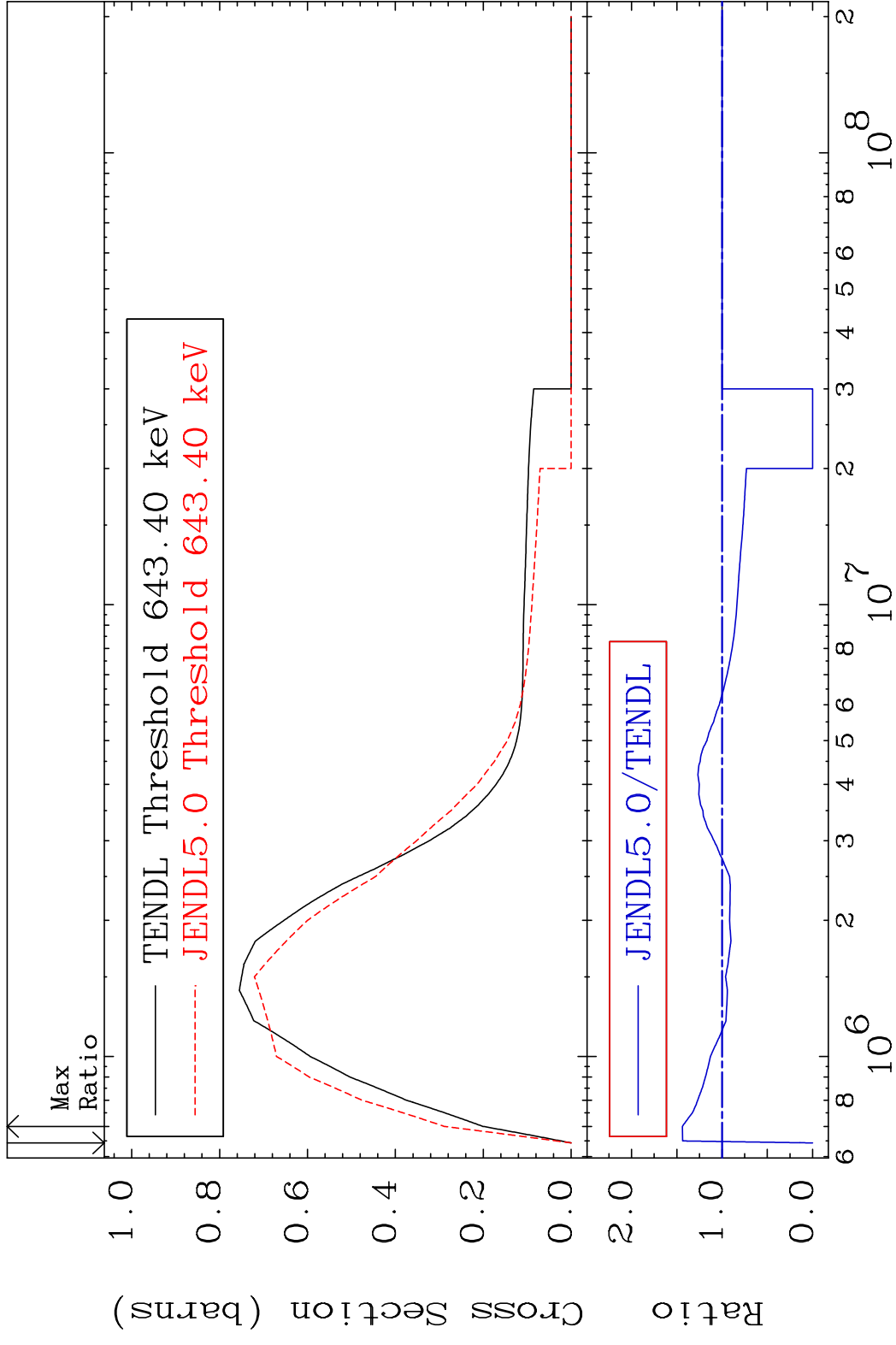


8

Incident Energy (eV)

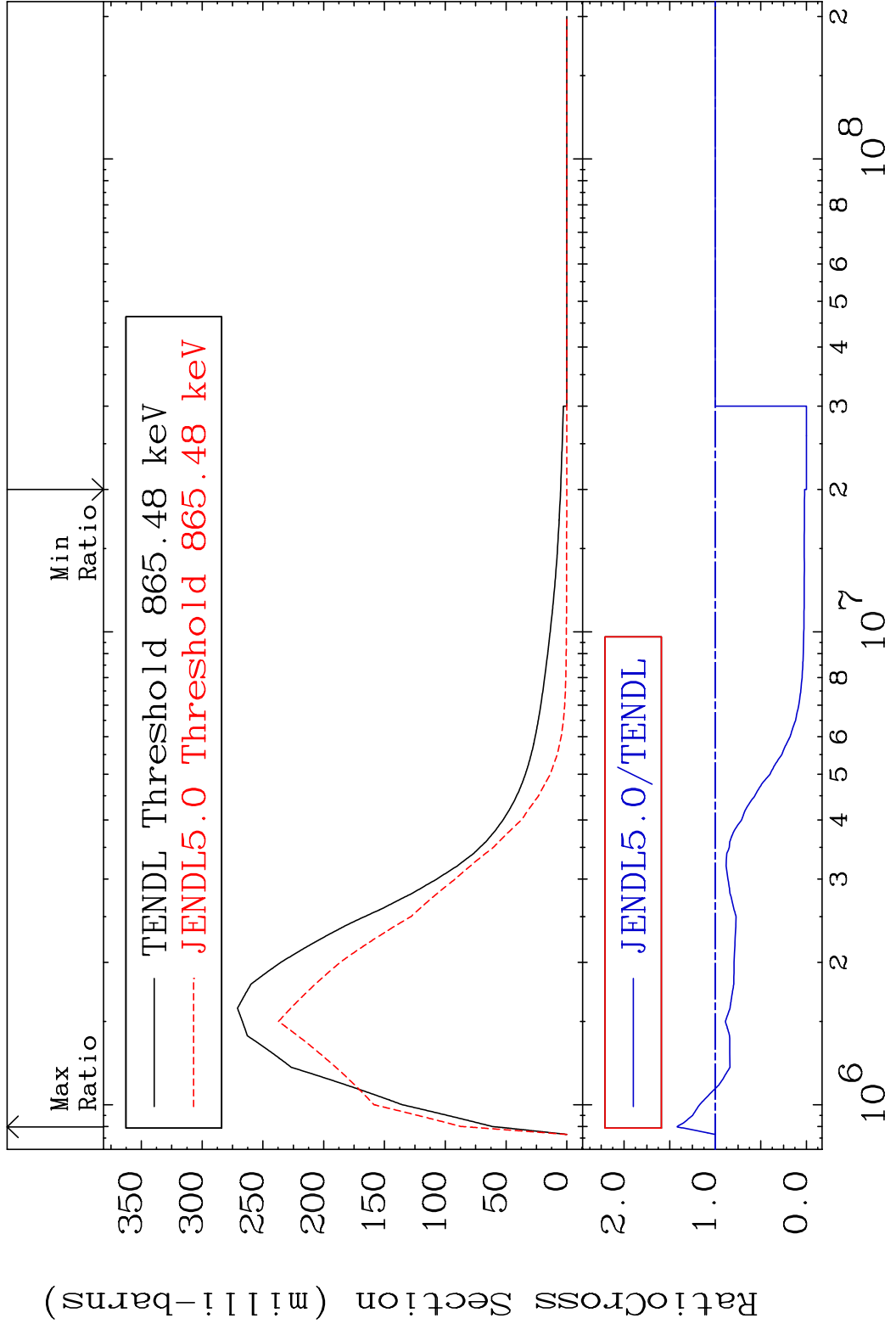
<sup>34</sup>Se-74

MAT 3425 MT= 51 (n,n') Level 34-Se-74  
 Cross Section -100.0 To 43.90 %



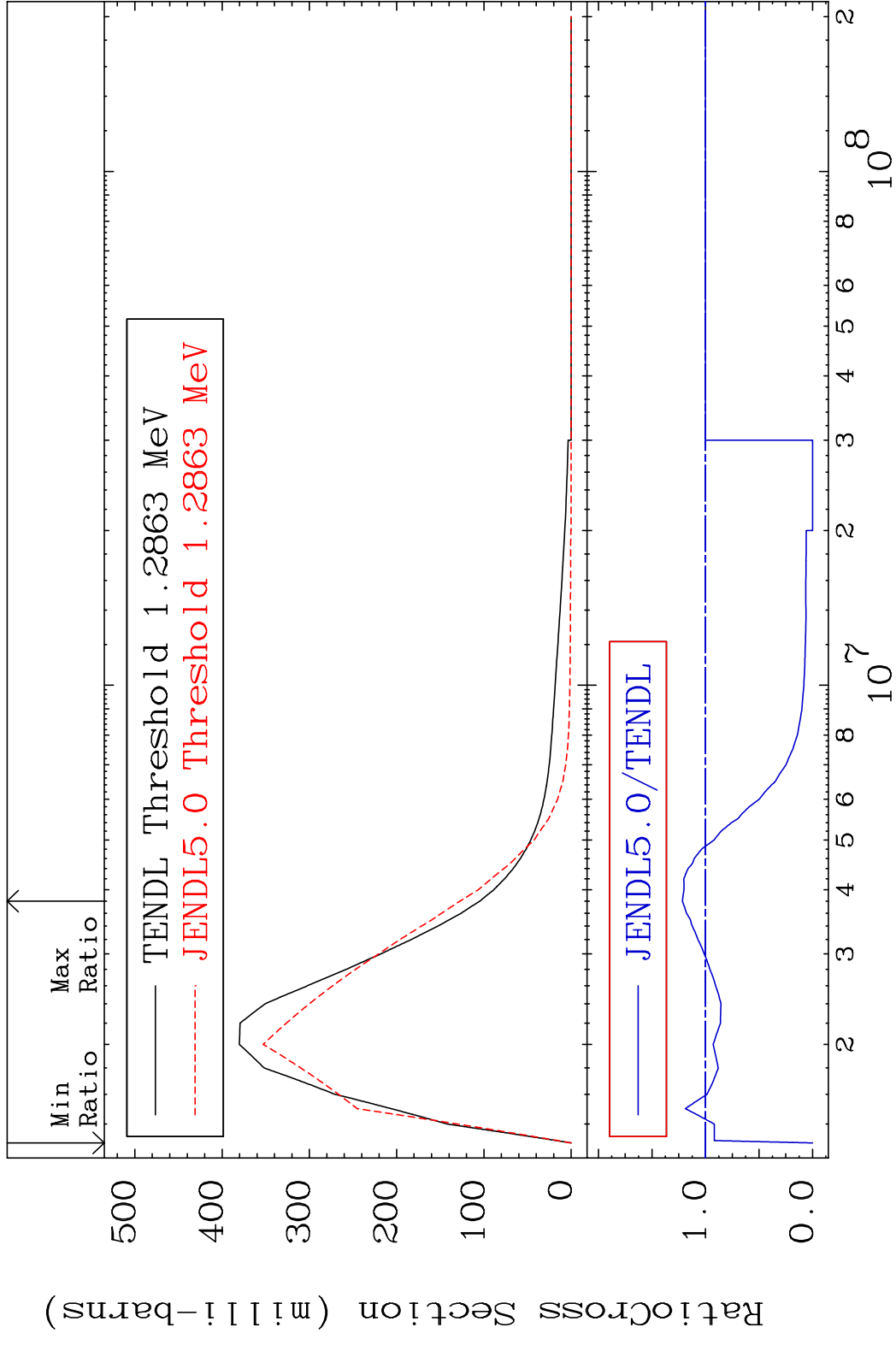
9 Incident Energy (eV) 34-Se-74

MAT 3425 MT= 52 (n, n') Level 34-Se-74  
 Cross Section -100.0 To 41.73 %

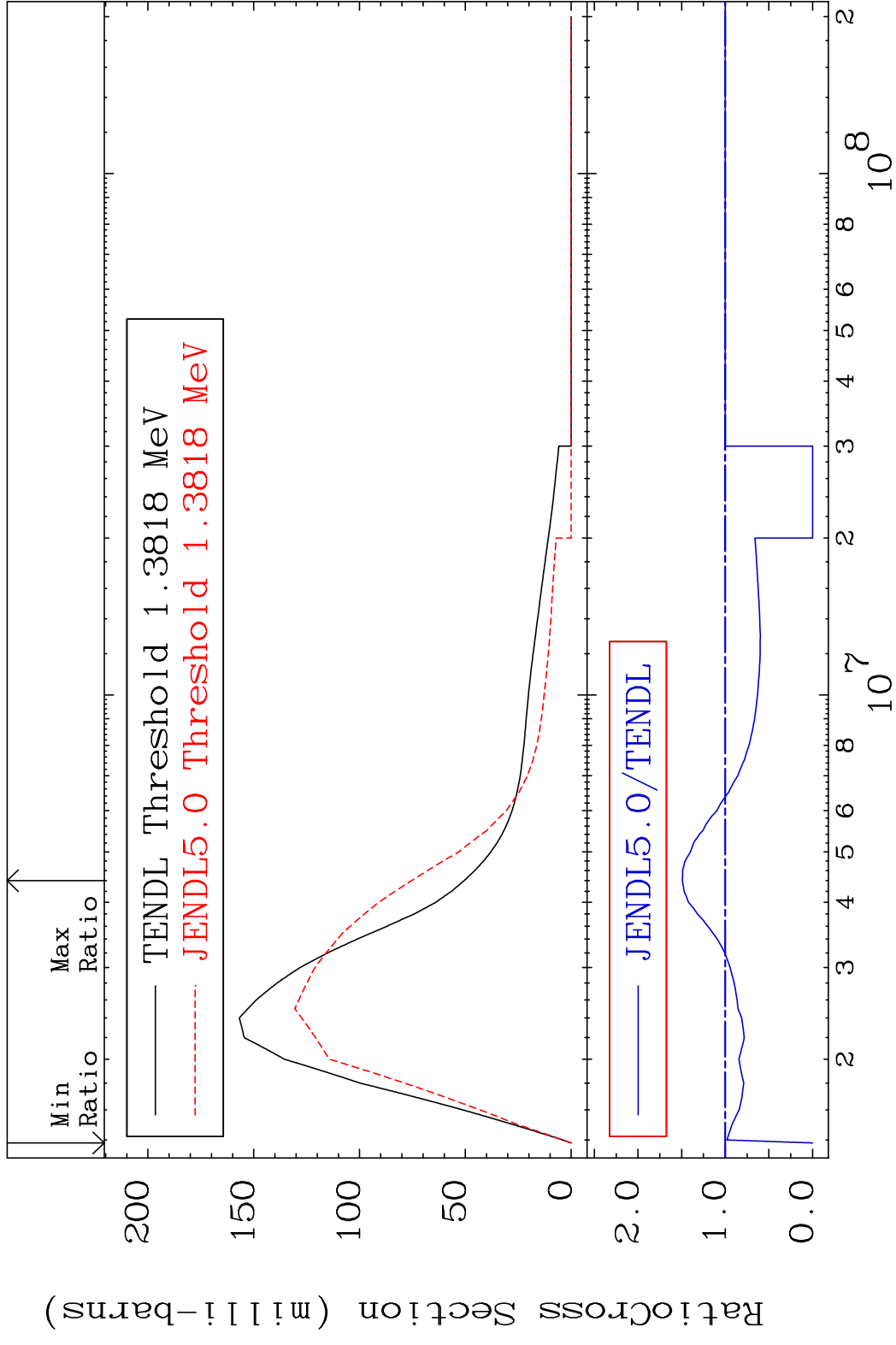


10 2 3 4 5 6 8 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup> 34-Se-74

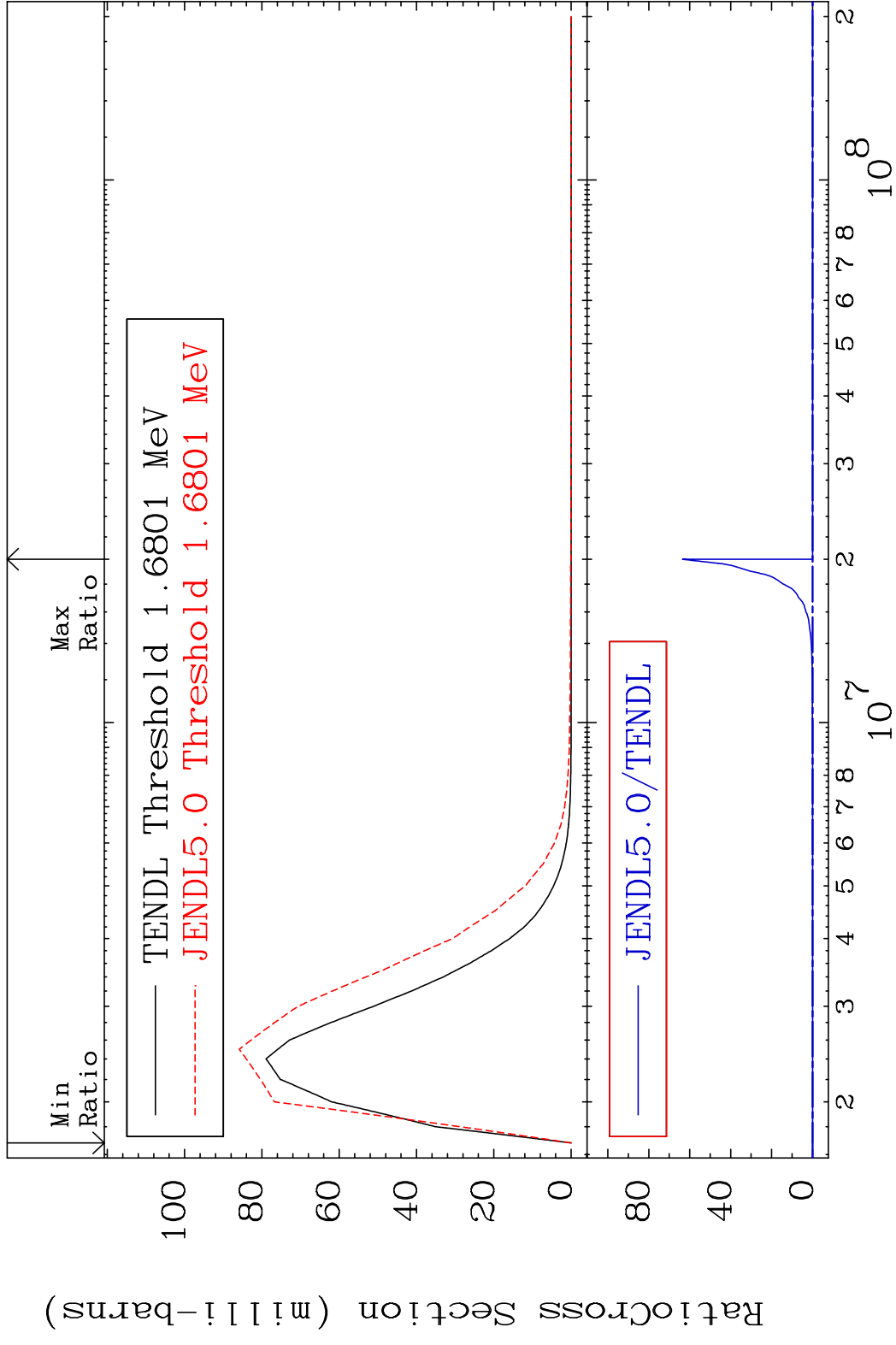
MAT 3425 MT= 53 (n, n') Level 34-Se-74  
 Cross Section -100.0 To 21.60 %



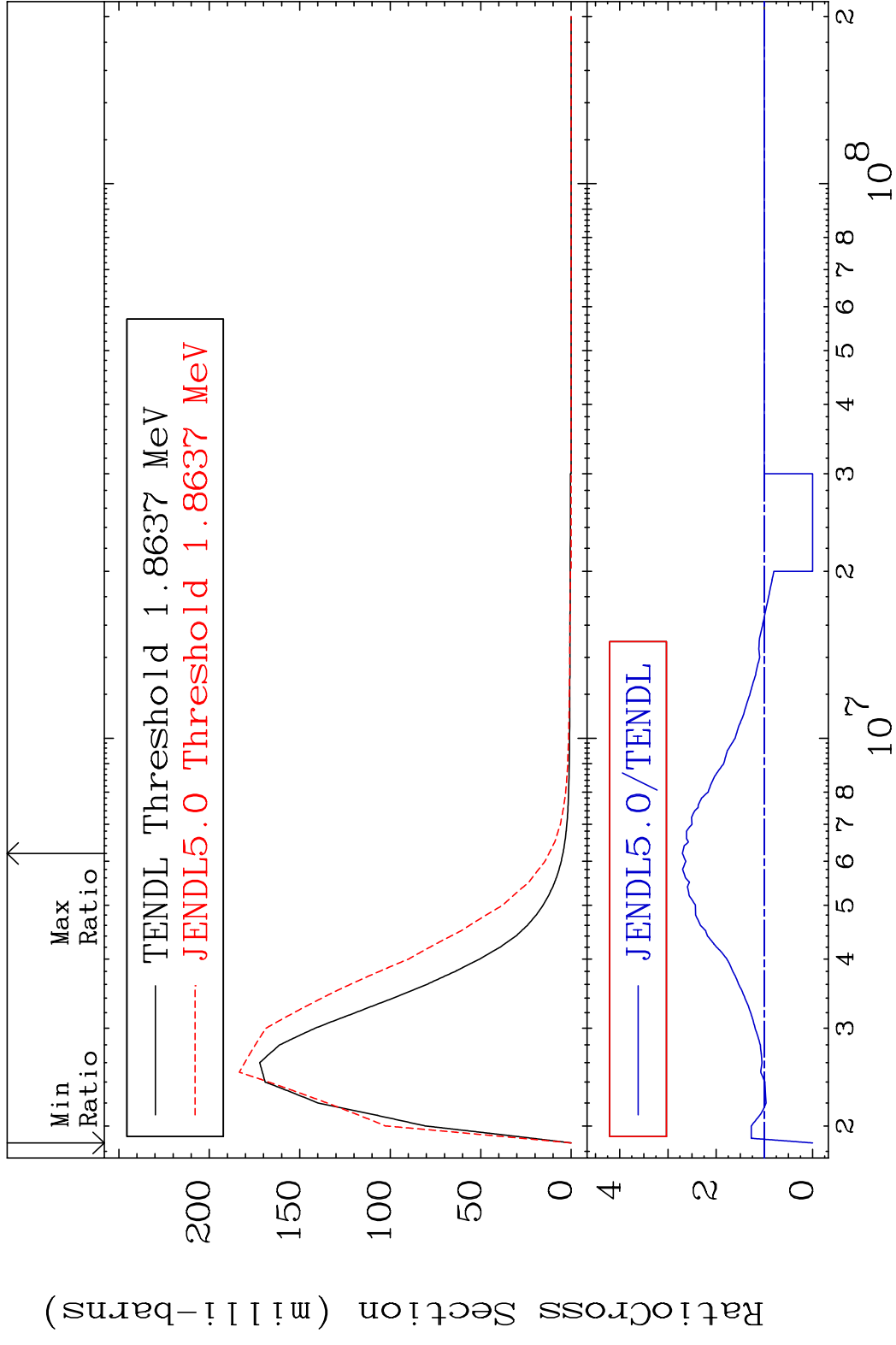
MAT 3425 MT= 54 (n,n') Level 34-Se-74  
 Cross Section -100.0 To 49.18 %



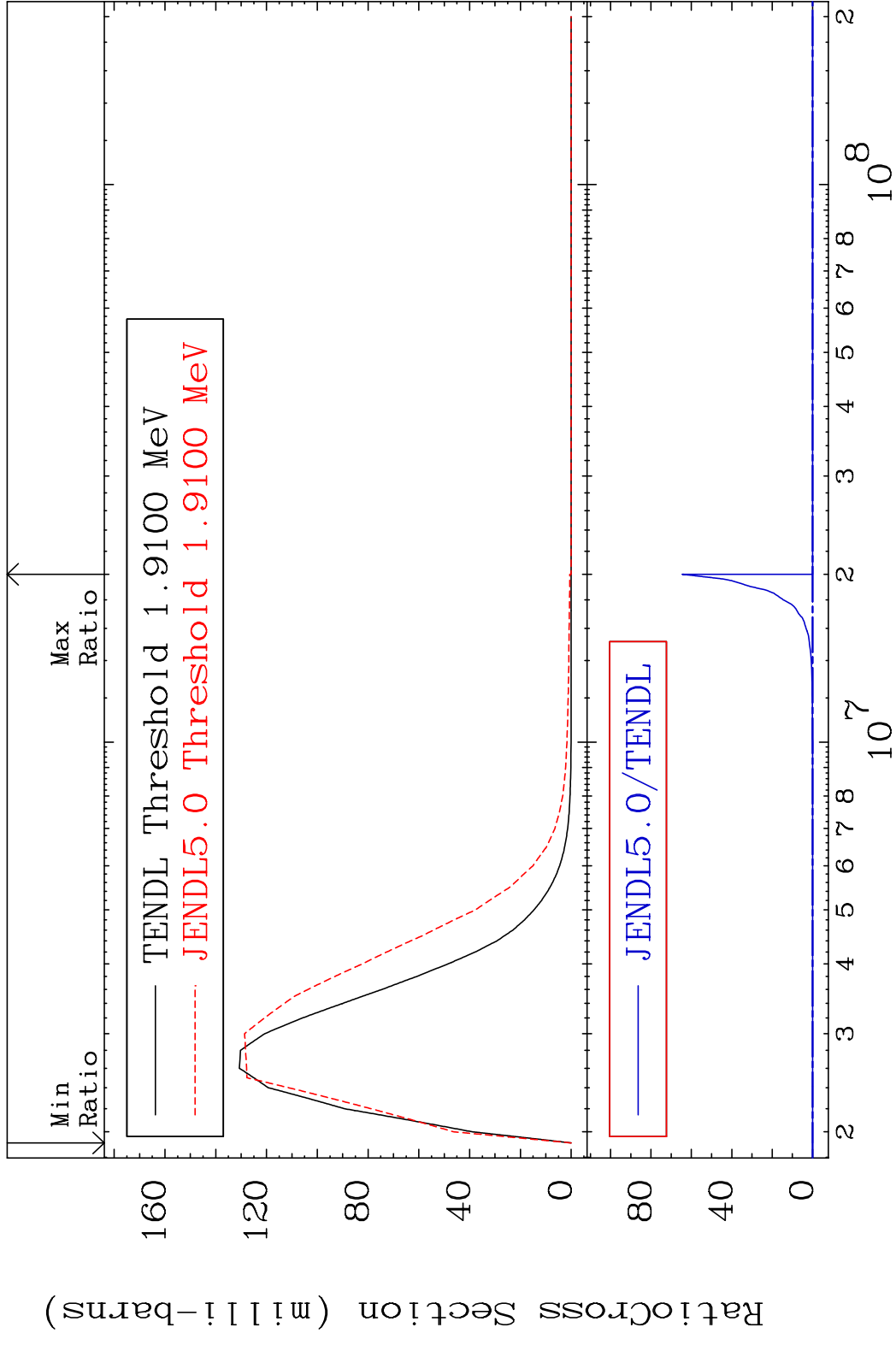
MAT 3425 MT= 55 (n, n') Level 34-Se-74  
 Cross Section -100.0 To 9999. %



MAT 3425 MT= 56 (n,n') Level 34-Se-74  
 Cross Section -100.0 To 170.1 %



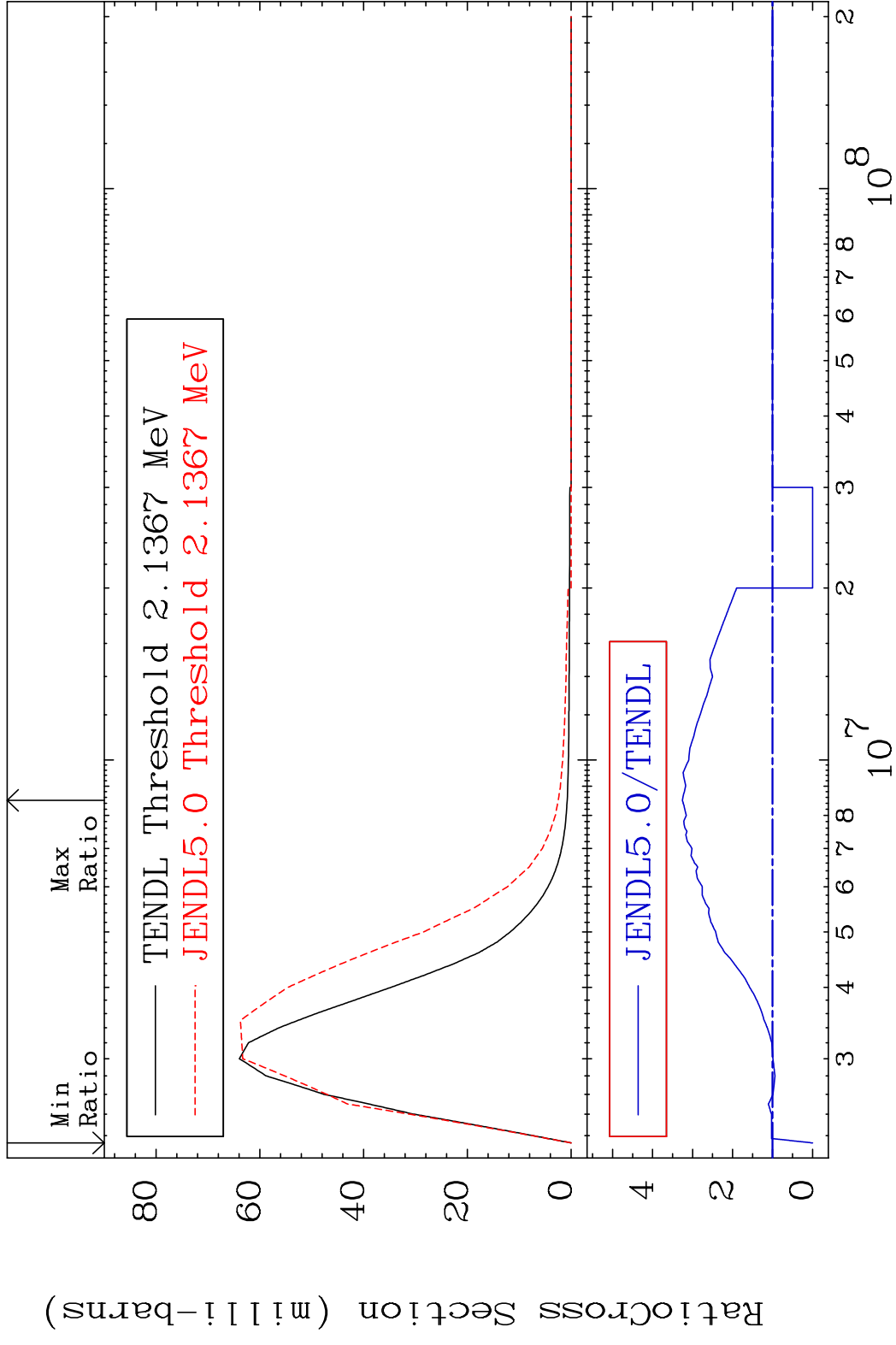
MAT 3425 MT= 57 (n, n') Level 34-Se-74  
 Cross Section -100.0 To 9999. %



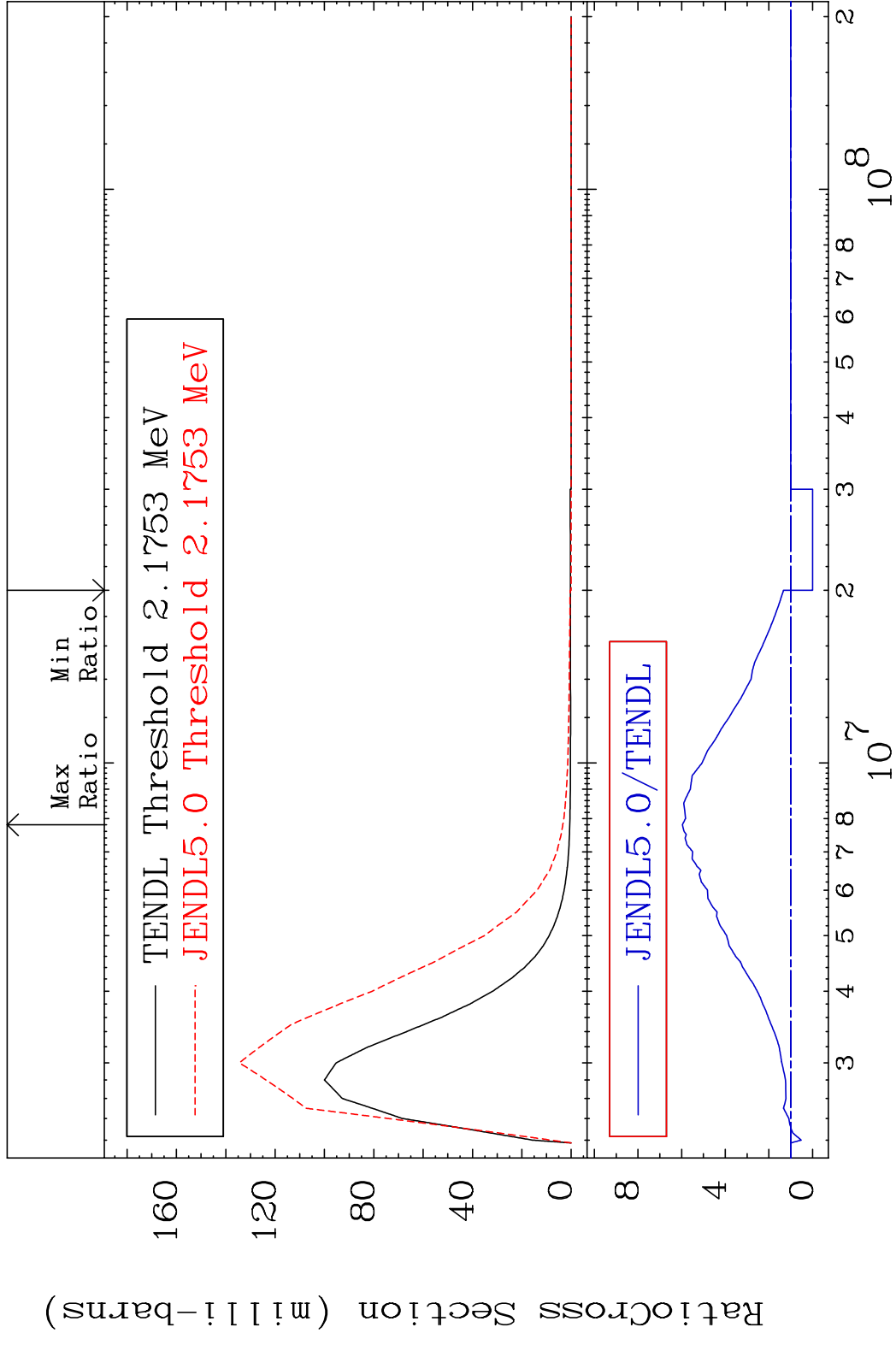
15 34-Se-74



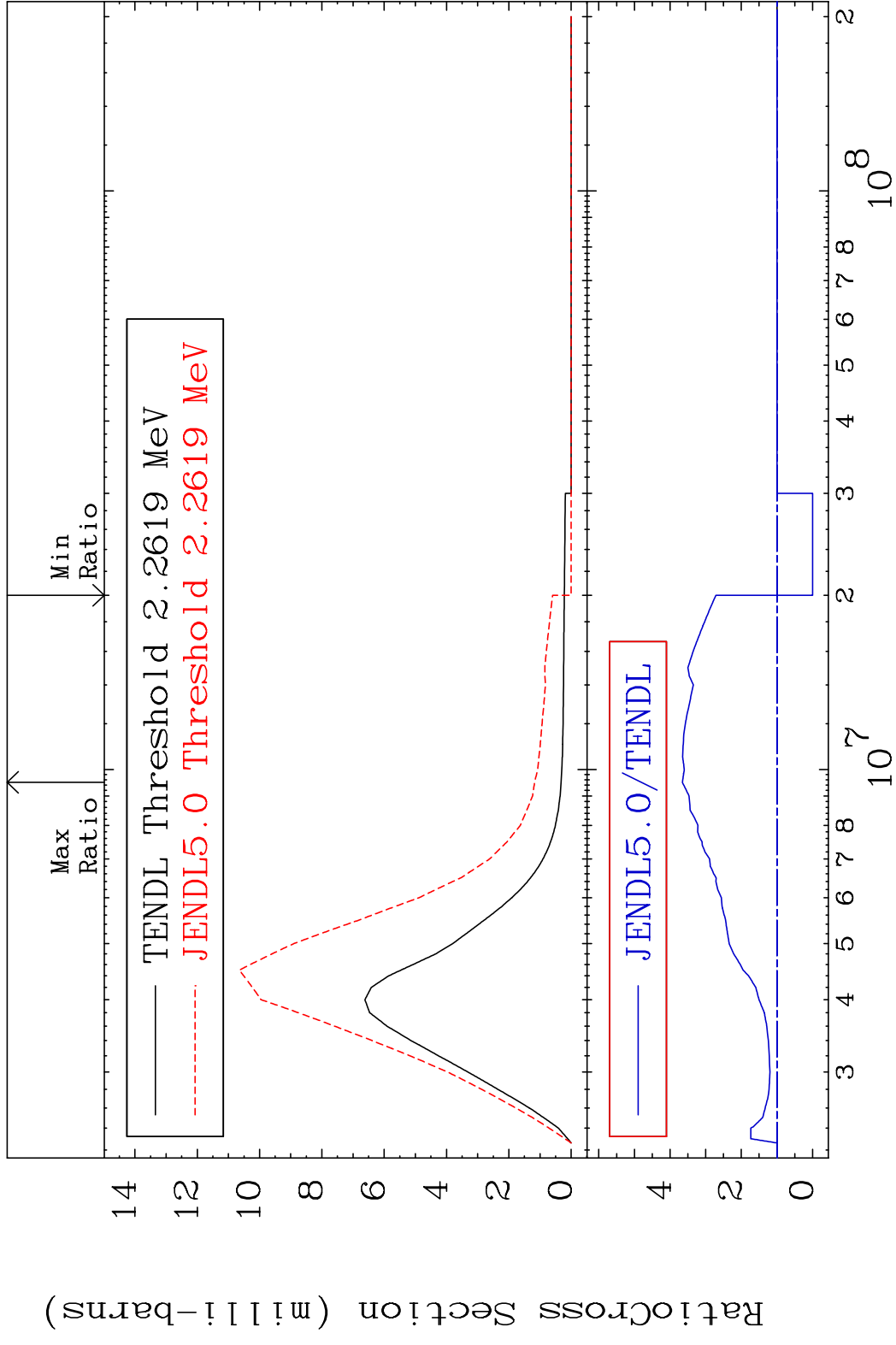
MAT 3425 MT= 58 (n, n') Level 34-Se-74  
 Cross Section -100.0 To 225.6 %



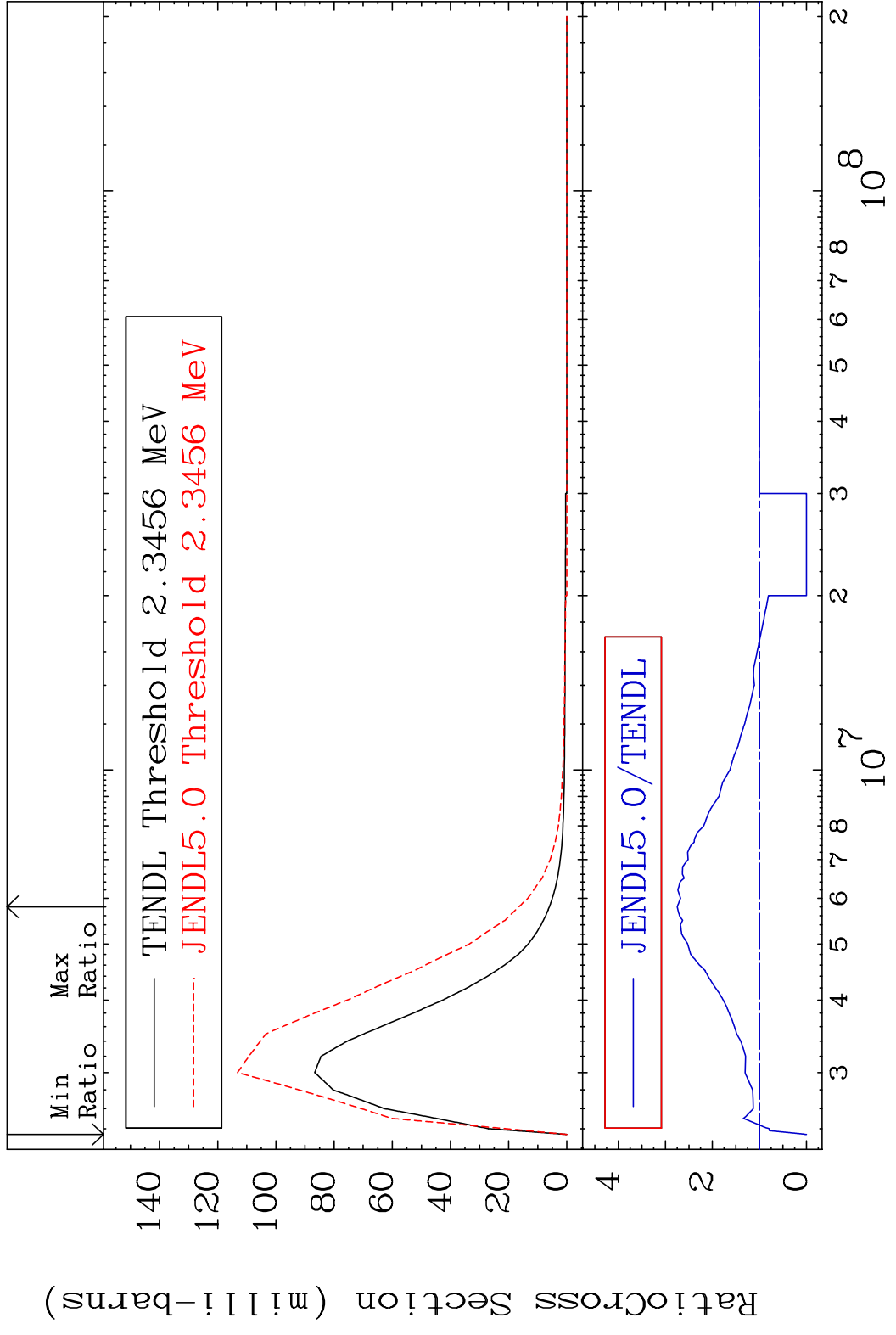
MAT 3425 MT= 59 (n, n') Level 34-Se-74  
 Cross Section -100.0 To 496.6 %



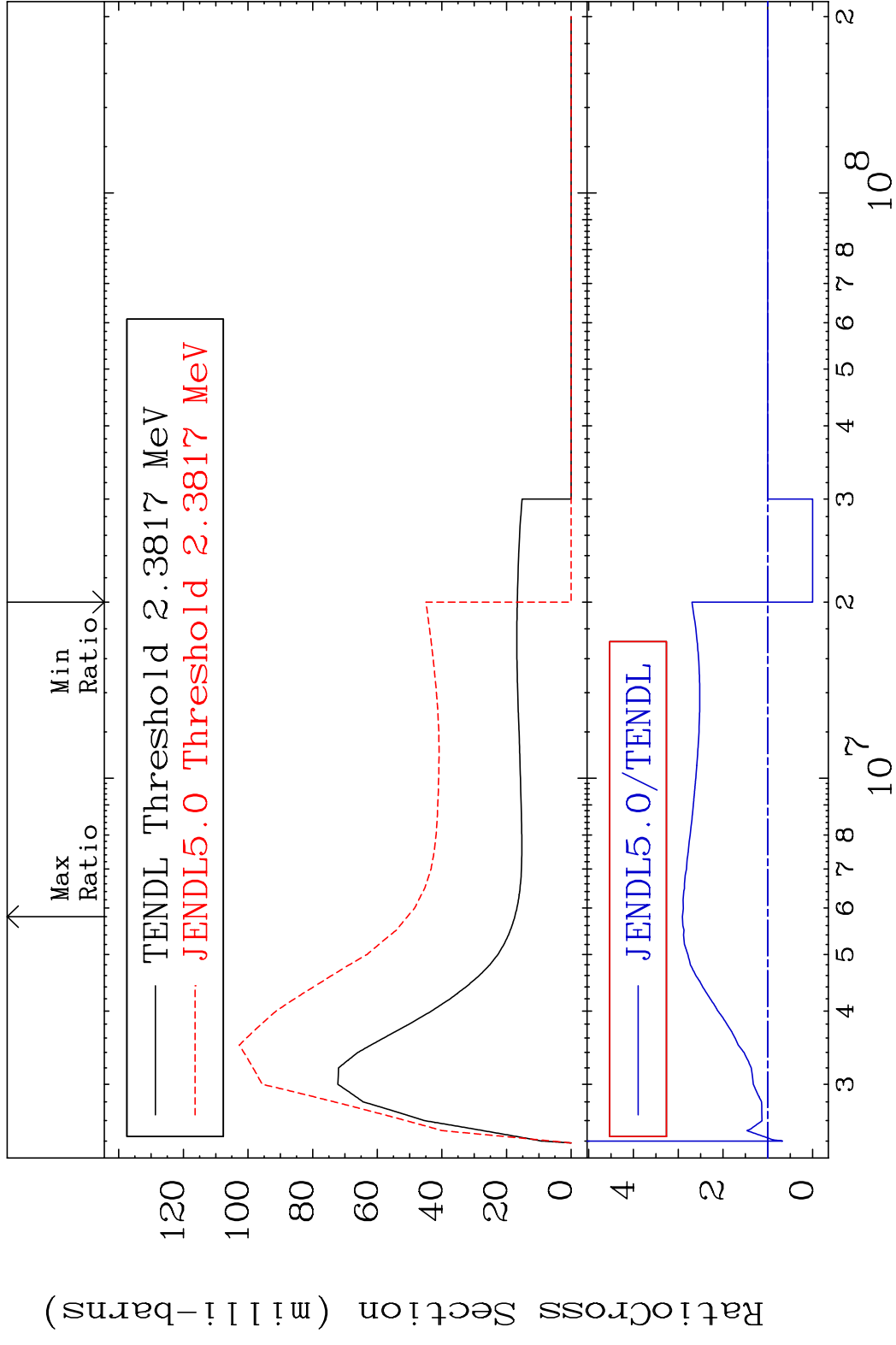
MAT 3425 MT= 60 (n, n') Level 34-Se-74  
 Cross Section -100.0 To 265.4 %



MAT 3425 MT= 61 (n,n') Level 34-Se-74  
 Cross Section -100.0 To 174.9 %

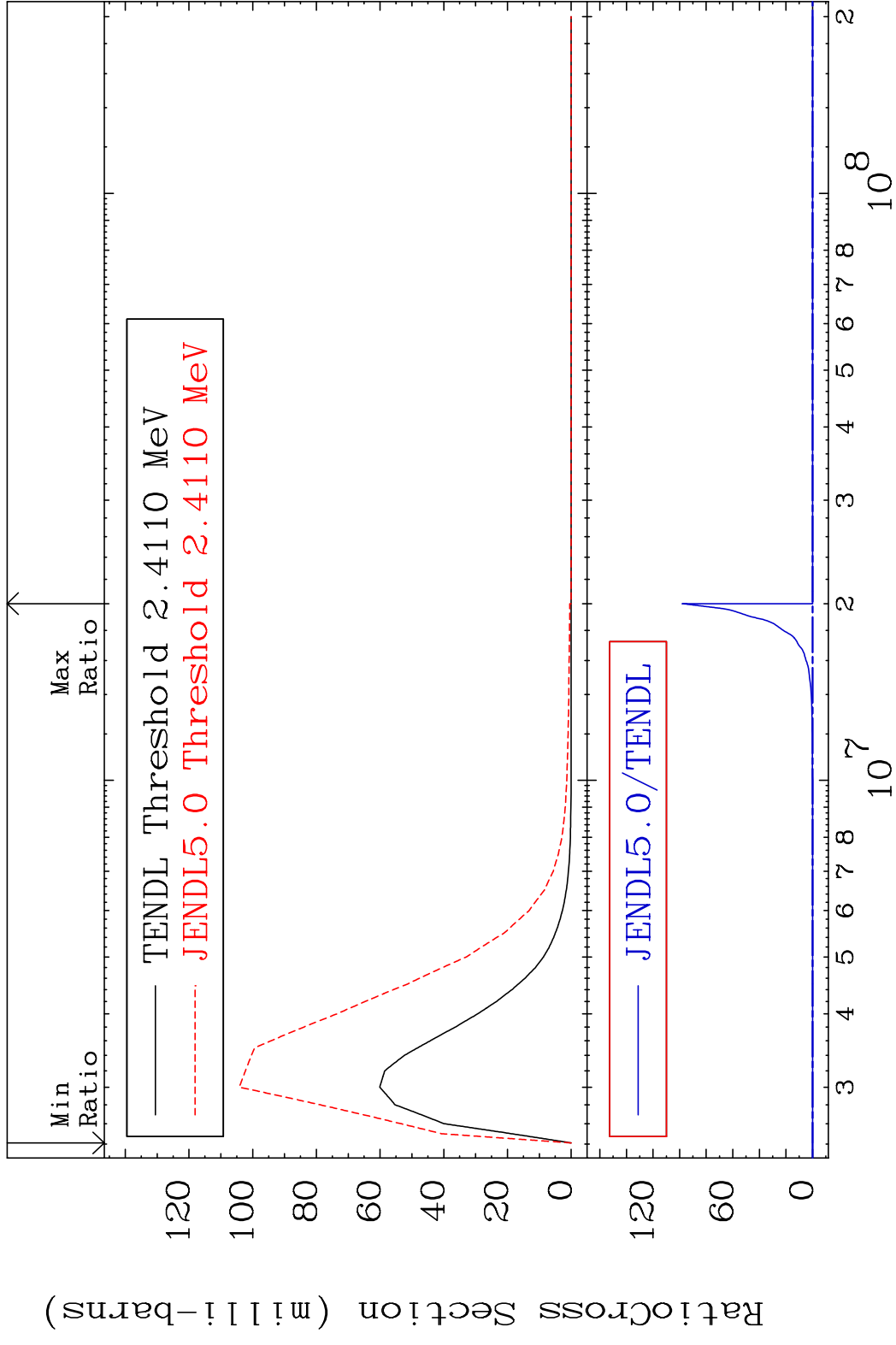


MAT 3425 MT= 62 (n, n') Level 34-Se-74  
 Cross Section -100.0 To 190.8 %

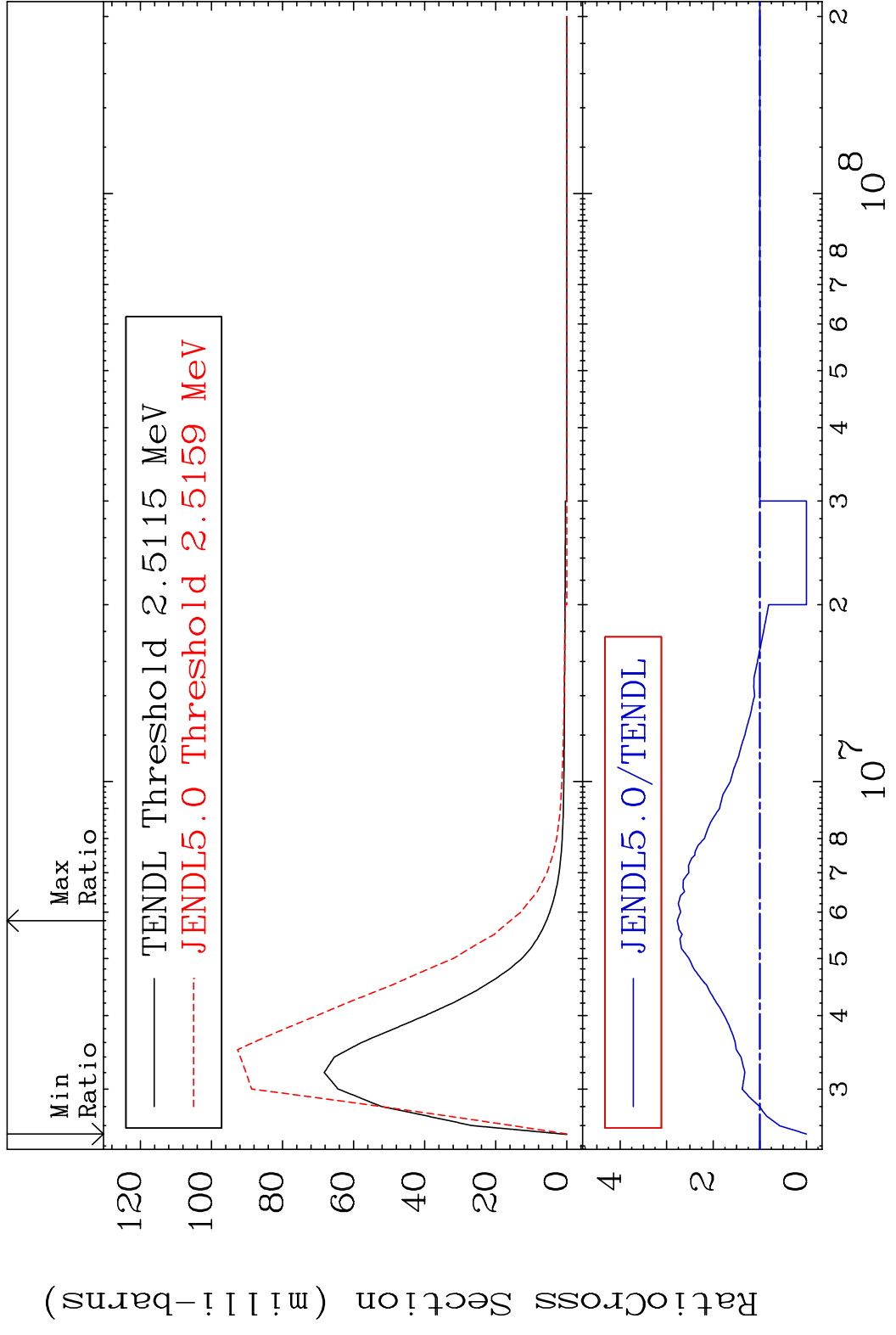


20 Incident Energy (eV) 34-Se-74

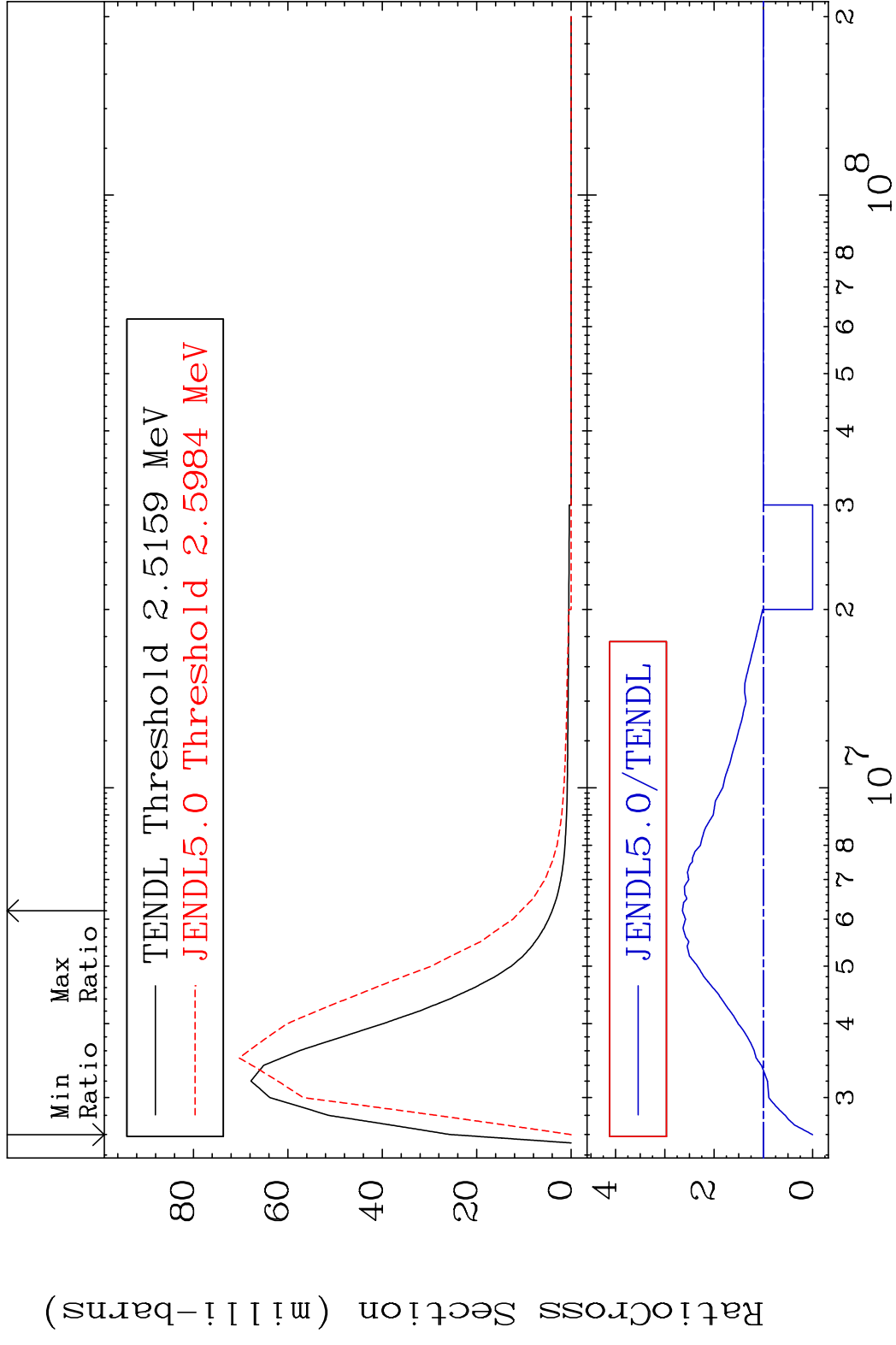
MAT 3425 MT= 63 (n, n') Level 34-Se-74  
 Cross Section -100.0 To 9999. %



MAT 3425 MT= 64 (n, n') Level 34-Se-74  
 Cross Section -100.0 To 177.5 %



MAT 3425 MT= 65 (n,n') Level 34-Se-74  
 Cross Section -100.0 To 164.3 %



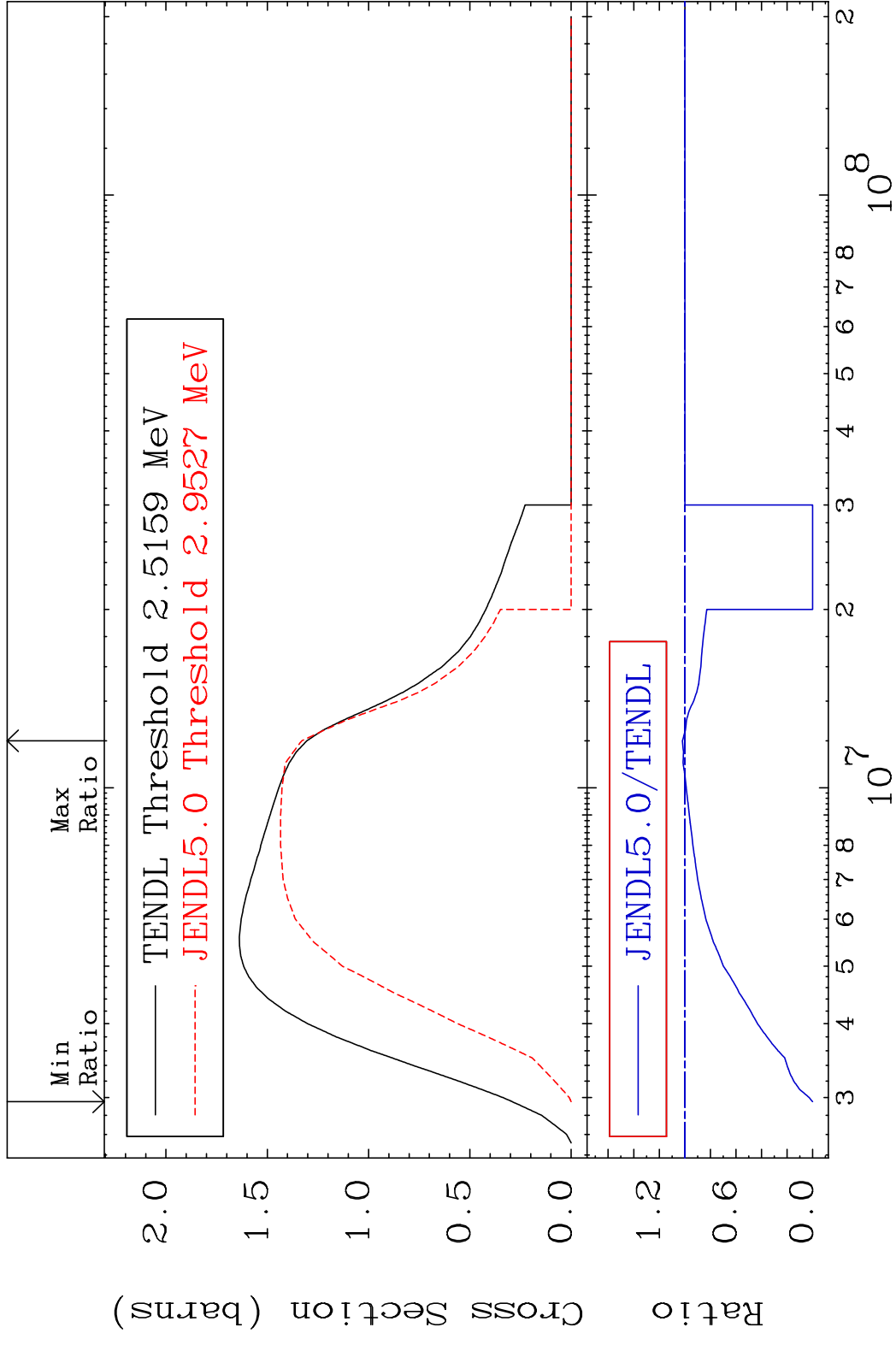


MAT 3425

(n, n') Continuum

<sup>34</sup>Se-74

Cross Section -100.0 To 1.918 %



24

Incident Energy (eV)

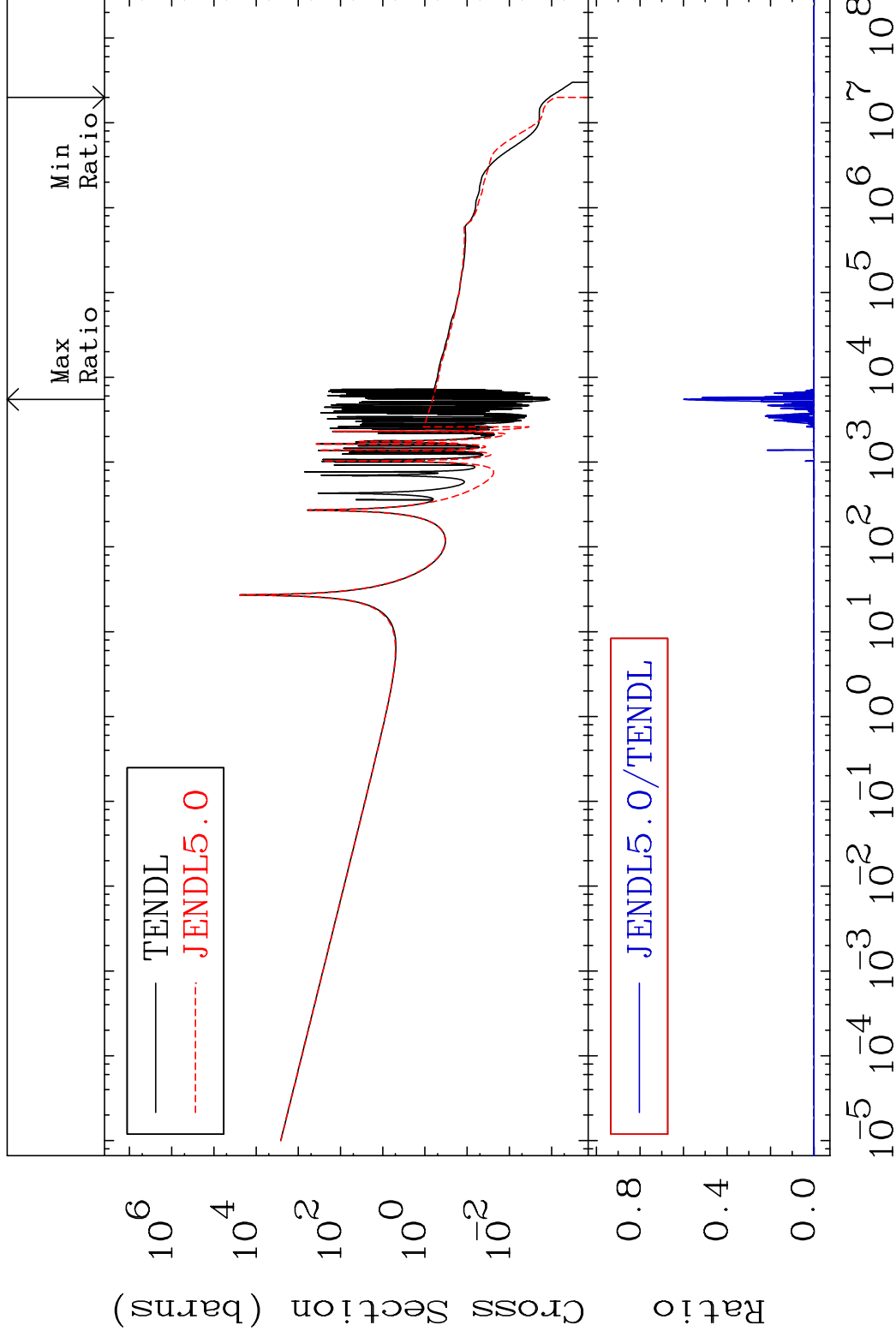
<sup>34</sup>Se-74

MAT 3425

(n,  $\gamma$ )

34-Se-74

Cross Section -100.0 To 9999. %

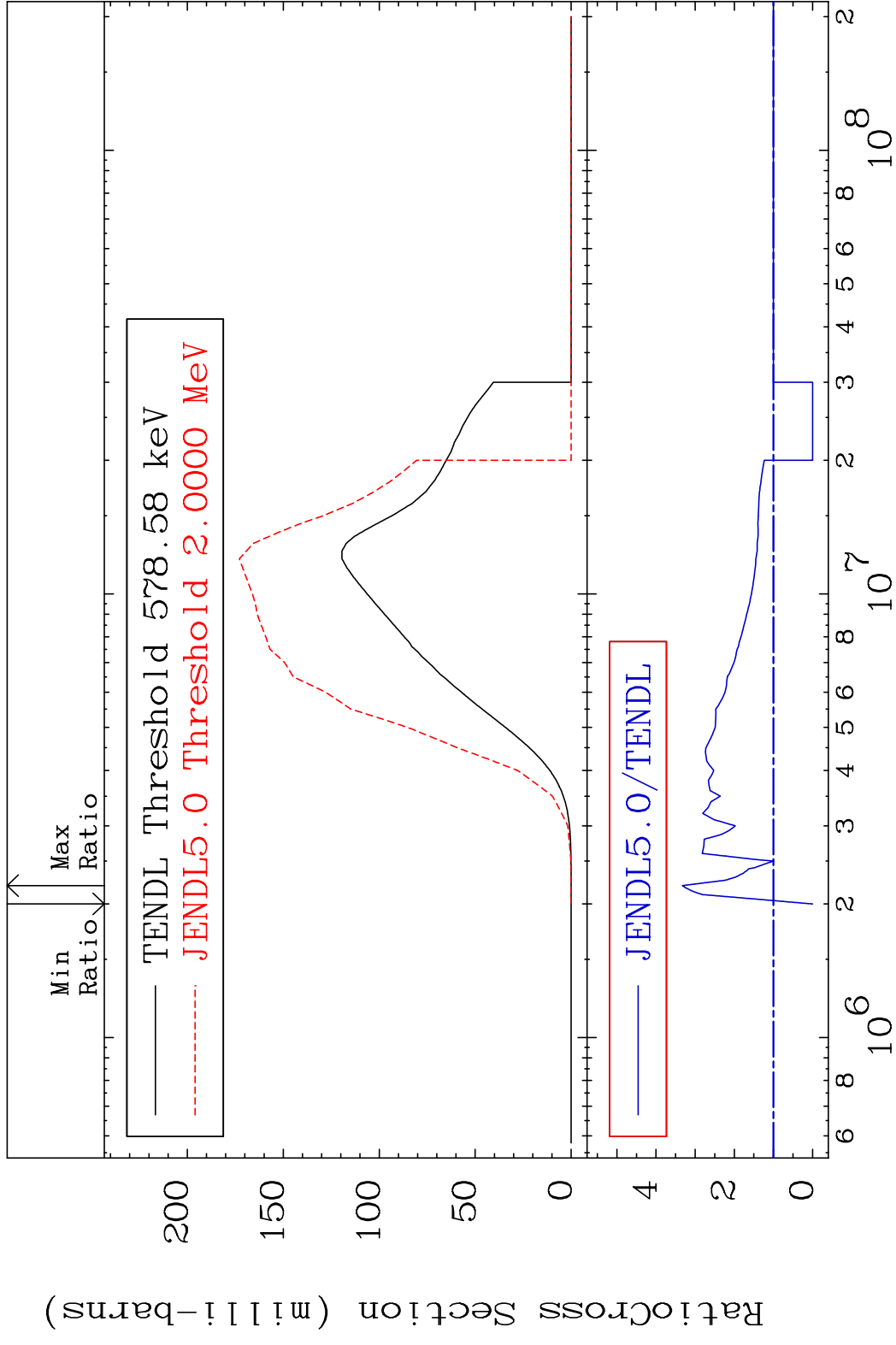


25

Incident Energy (eV)

34-Se-74

MAT 3425 (n,p) 34-Se-74  
 Cross Section -100.0 To 232.7 %

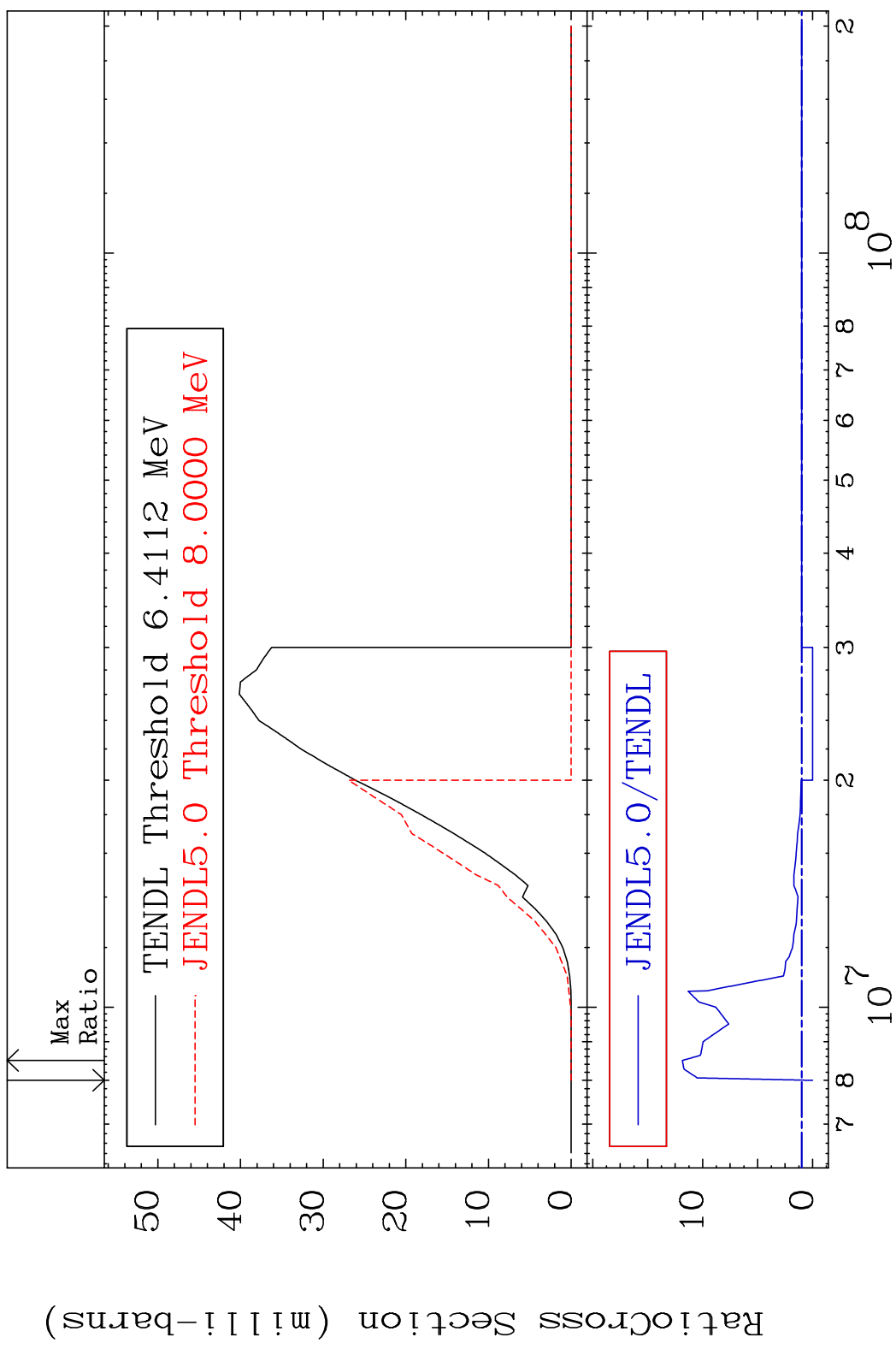


MAT 3425

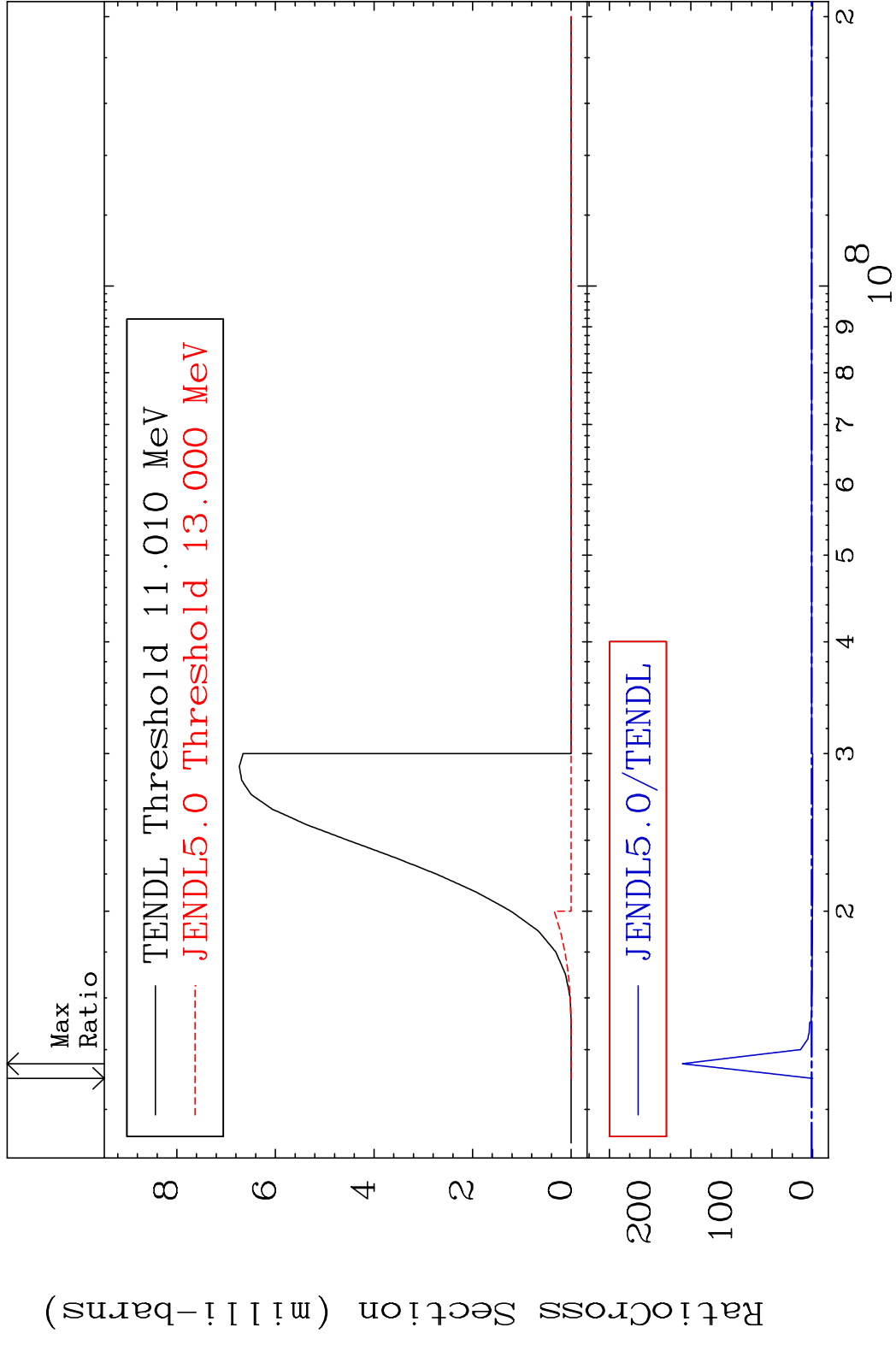
(n,d)

34-Se-74

Cross Section -100.0 To 1084. %



MAT 3425 (n, t) 34-Se-74  
 Cross Section -100.0 To 9999. %

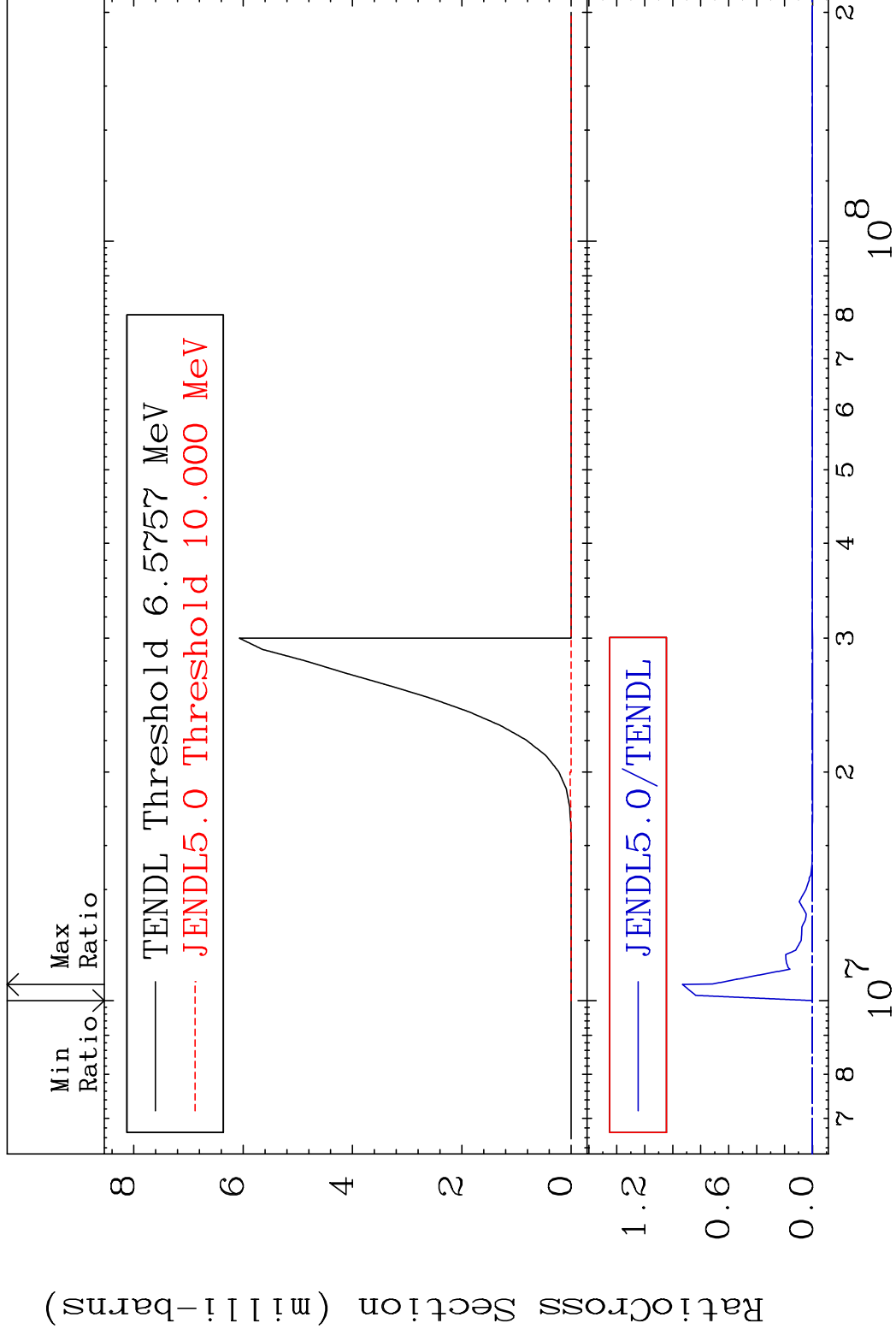


MAT 3425

(n, He-3)

<sup>34</sup>Se-74

Cross Section -100.0 To 9999. %



29

Incident Energy (eV)

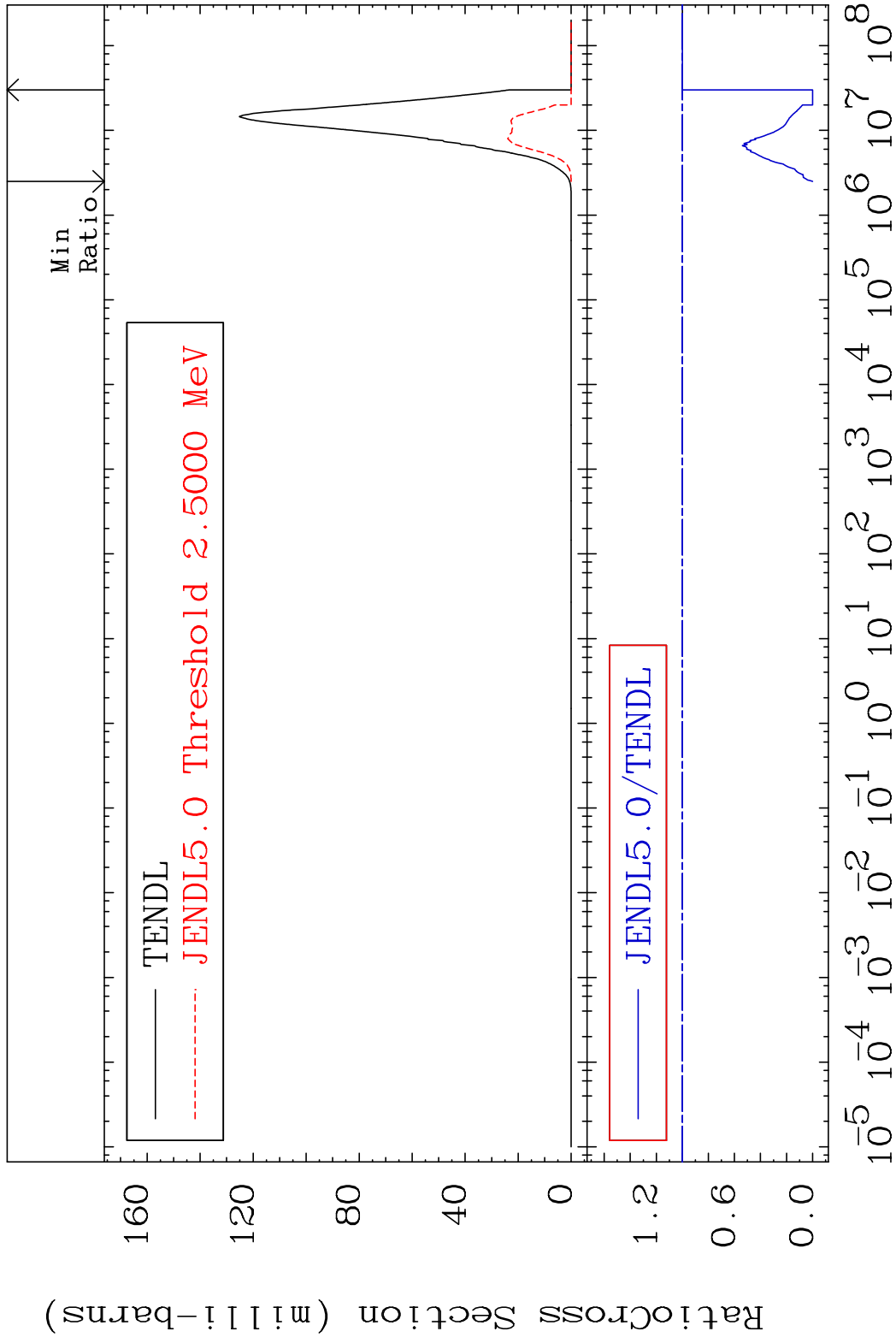
<sup>34</sup>Se-74

MAT 3425

(n,  $\alpha$ )

34-Se-74

Cross Section -100.0 To 0.000 %

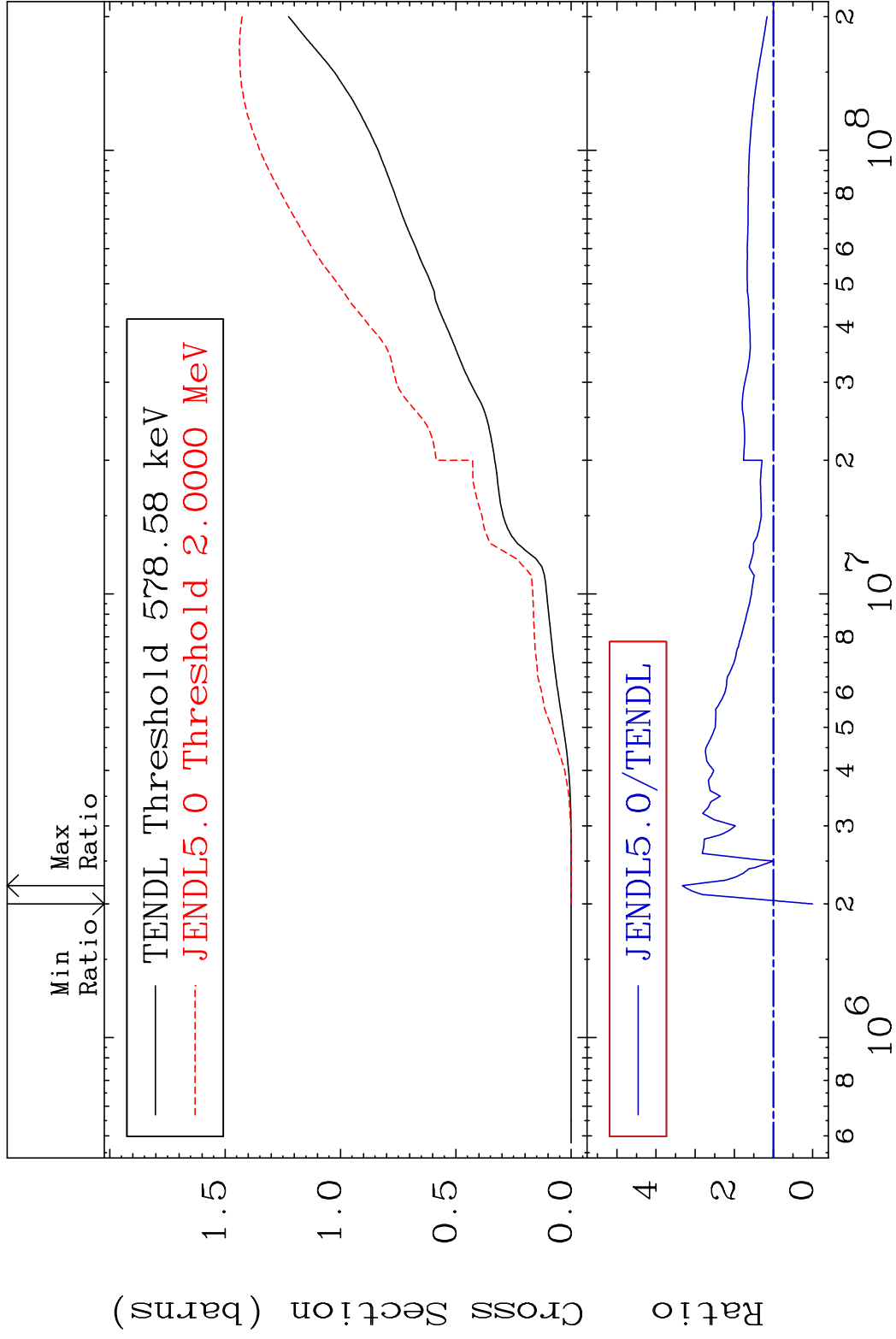


MAT 3425

Hydrogen Production

<sup>34</sup>Se-74

Cross Section -100.0 To 232.7 %



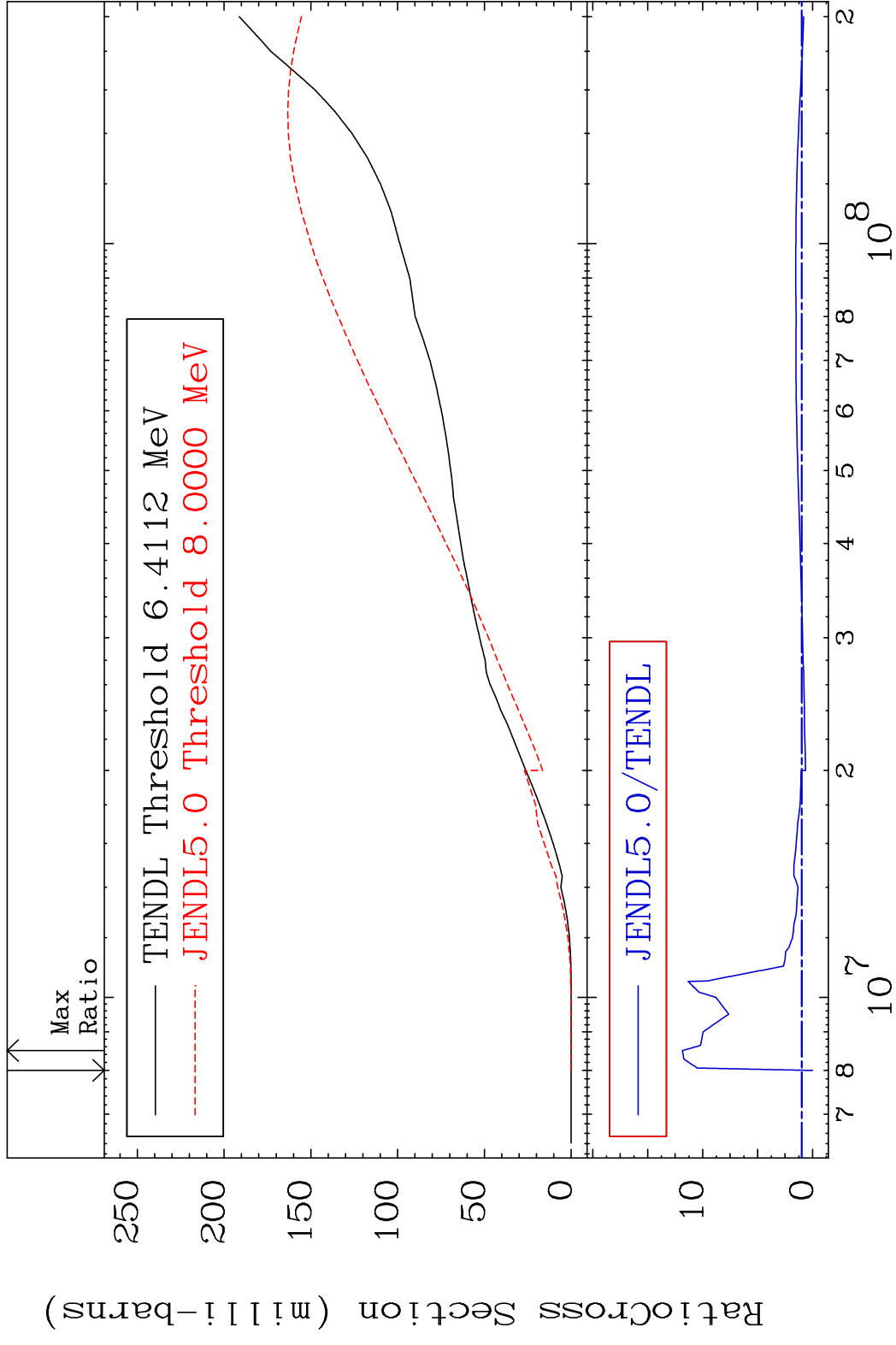
31

Incident Energy (eV)

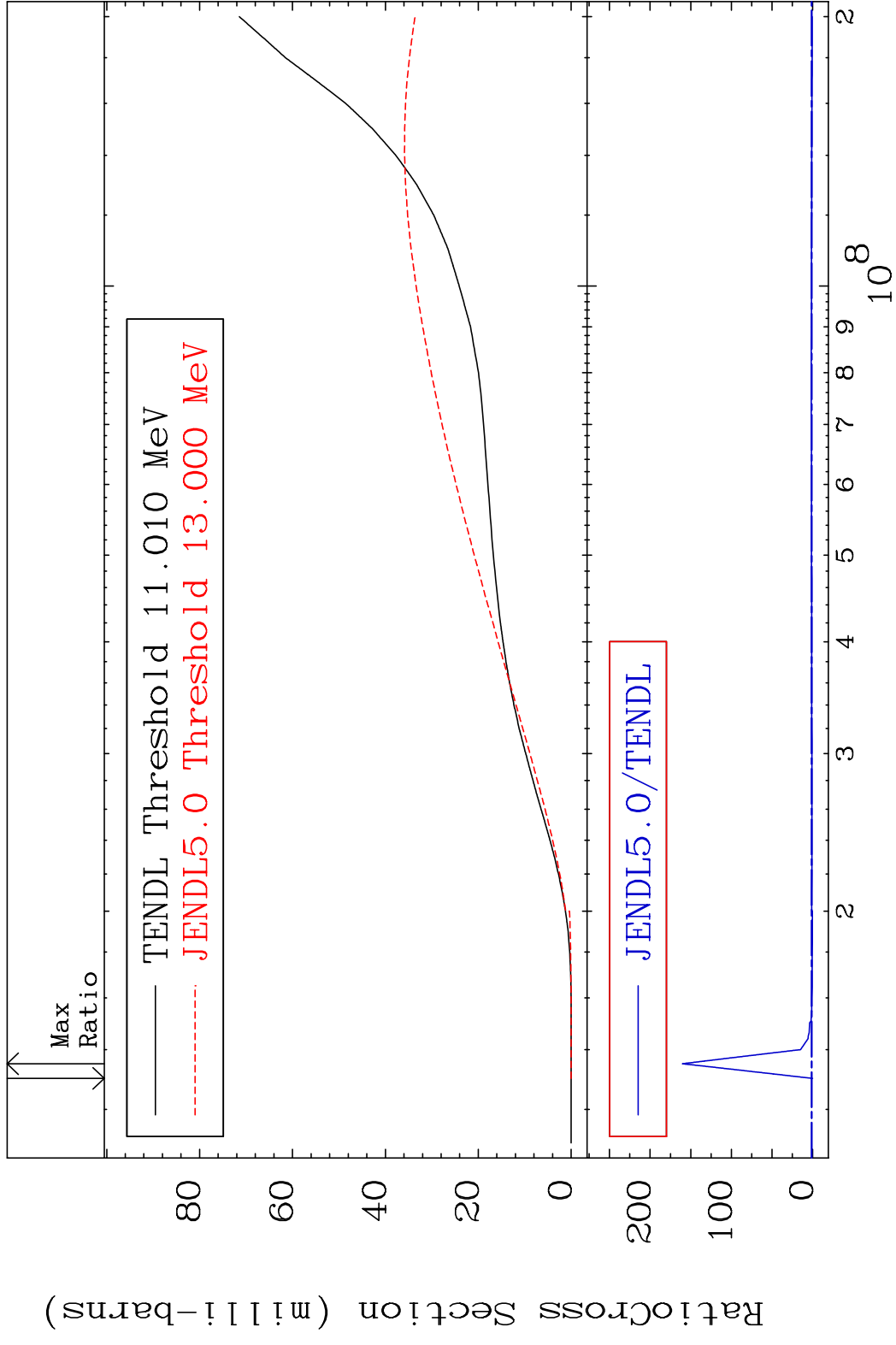
<sup>34</sup>Se-74



MAT 3425 Deuterium Production 34-Se-74  
 Cross Section -100.0 To 1084. %



MAT 3425 Tritium Production 34-Se-74  
 Cross Section -100.0 To 9999. %



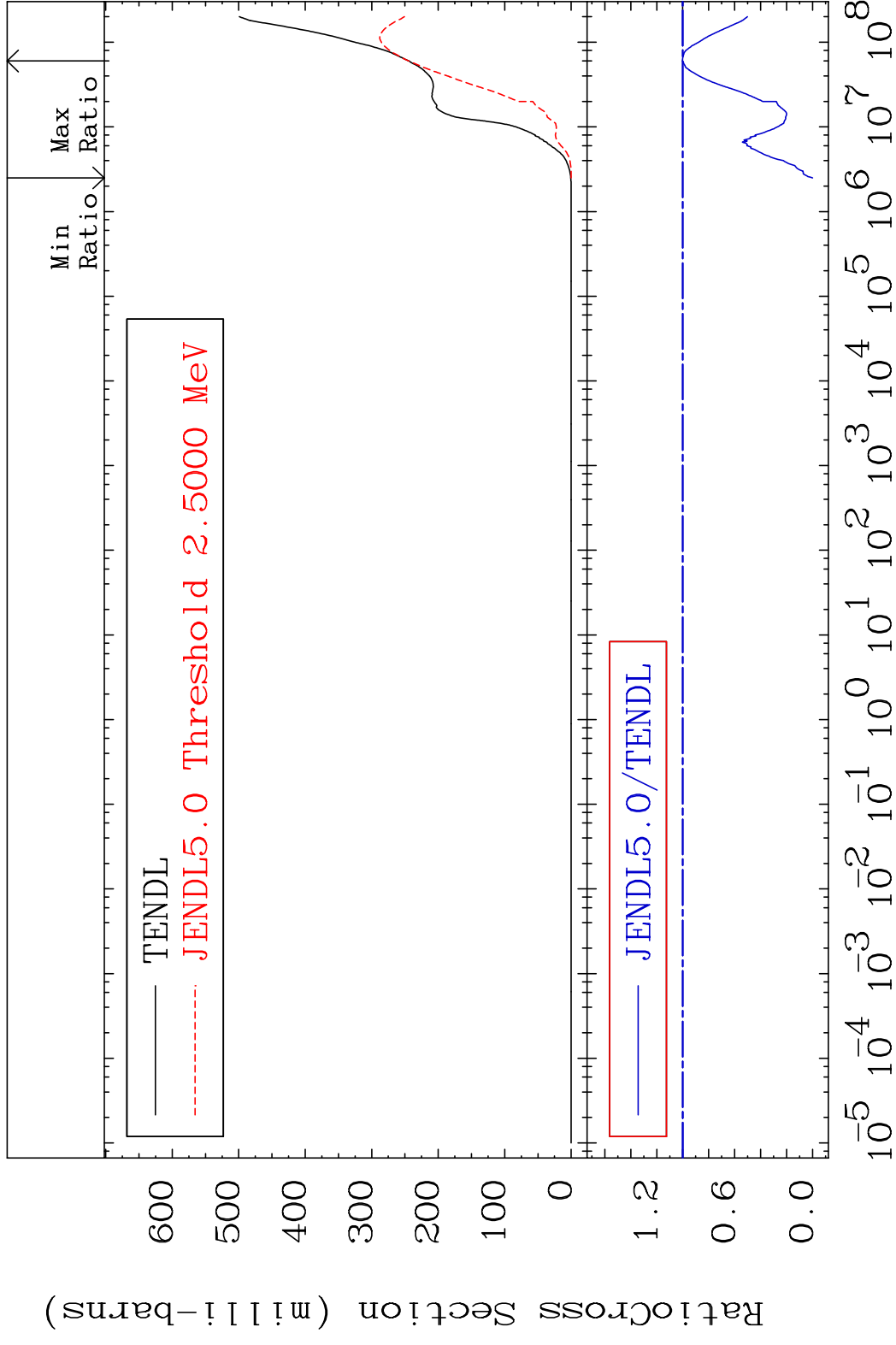


MAT 3425

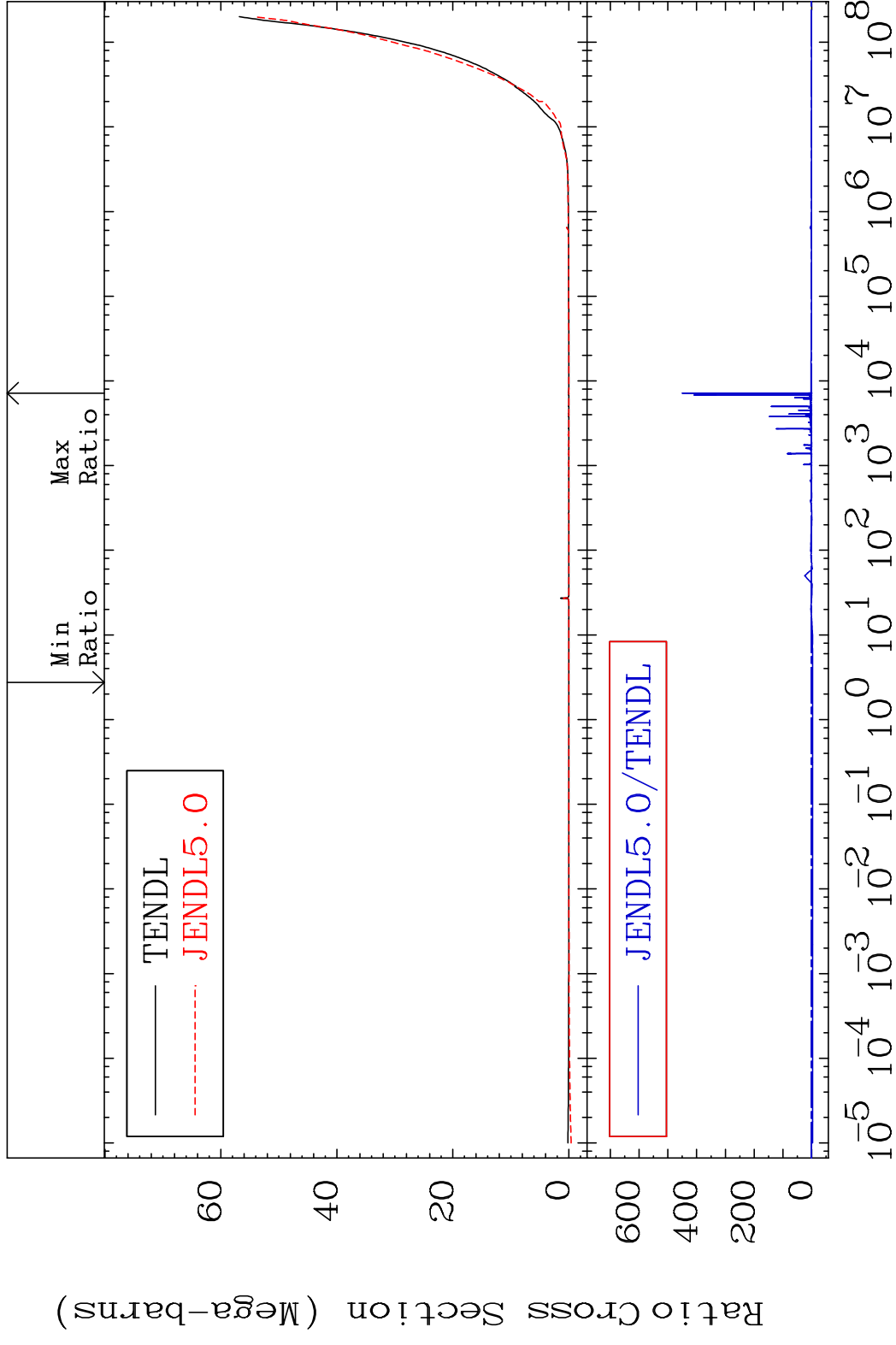
He-4 Production

34-Se-74

Cross Section -100.0 To 0.288 %

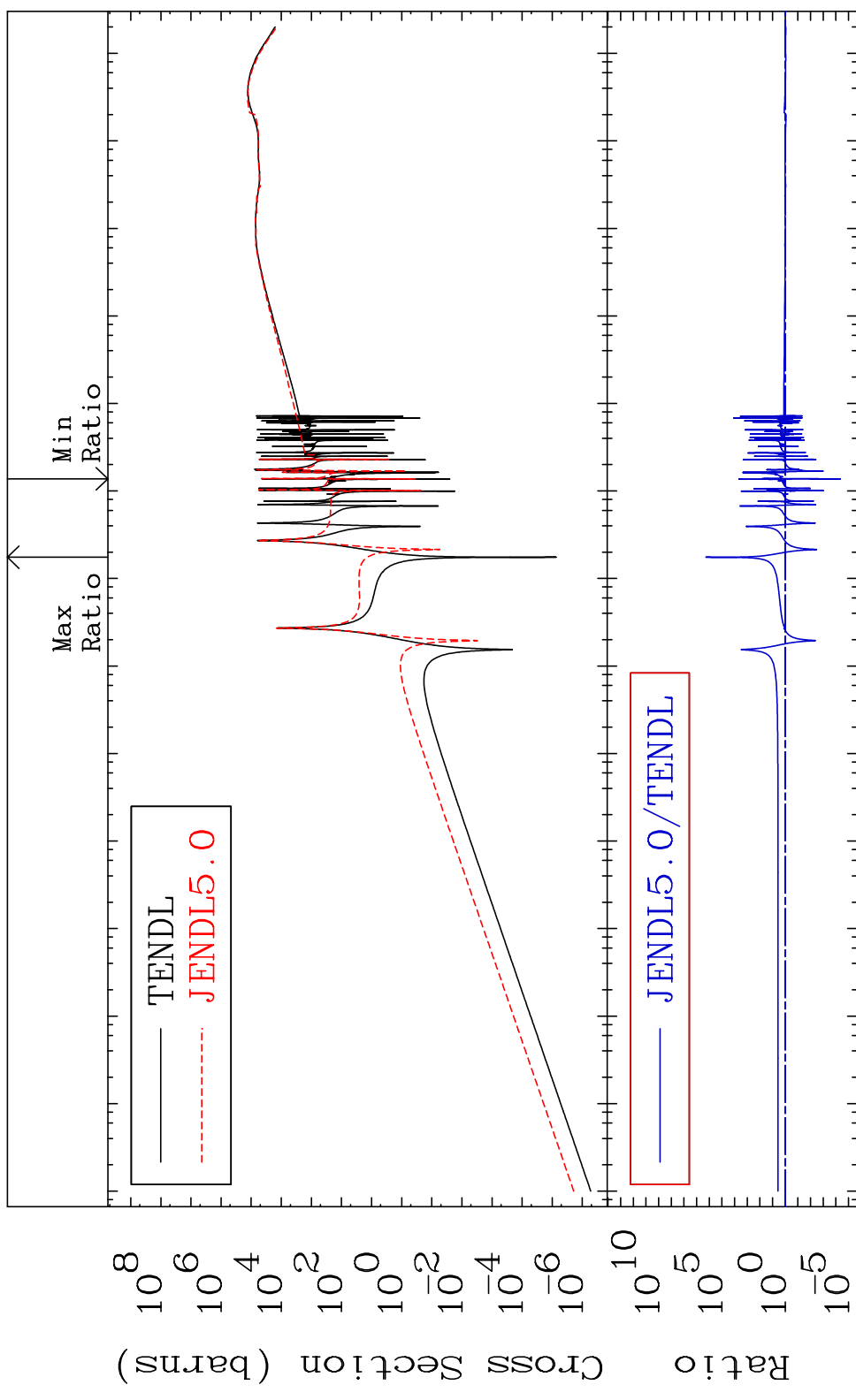


MAT 3425 Kerma total (eV-barns) 34-Se-74  
 Cross Section -375.4 To 9999. %

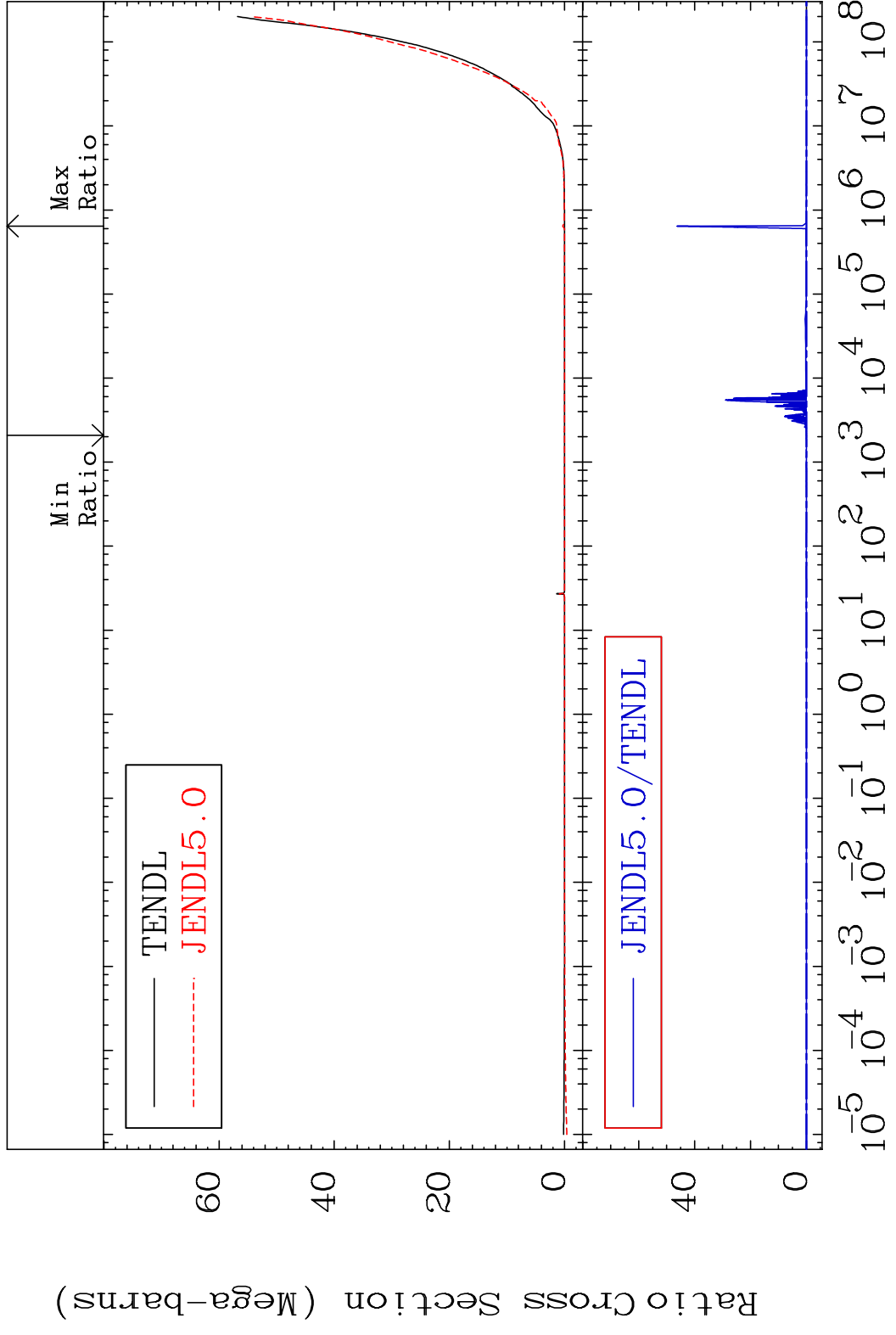


MAT 3425

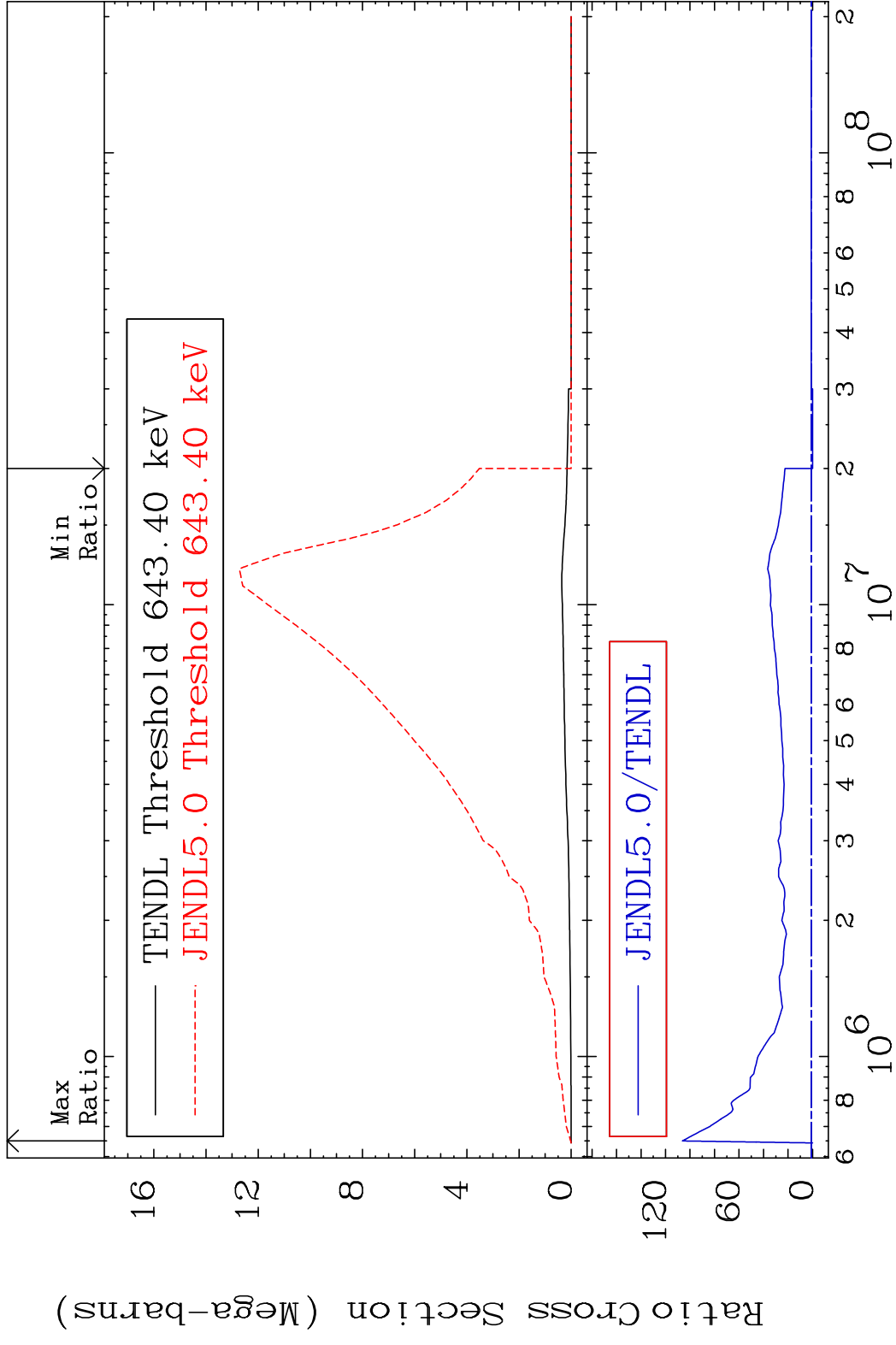
Kerma elastic Cross Section -100.0 To 9999. %  
34-Se-74



MAT 3425 Kerma non-elastic (all but mt2) 34-Se-74  
Cross Section -2211. To 9999. %

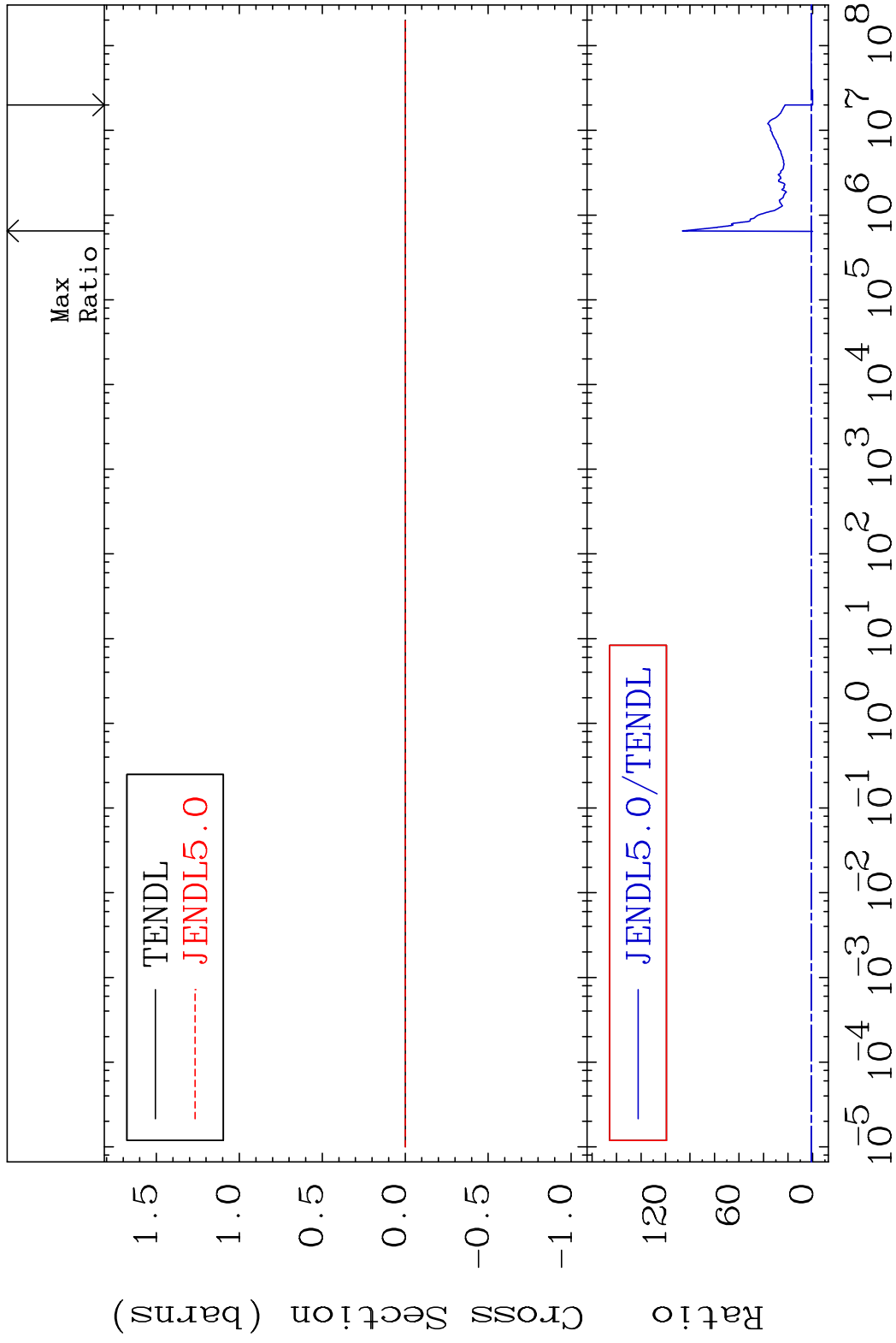


MAT 3425 Kerma inelastic (mt51-91) 34-Se-74  
 Cross Section -100.0 To 9999. %





MAT 3425 Kerma fission (mt18 or mt19-20-21-38) 34-Se-74  
 Cross Section -100.0 To 9999. %

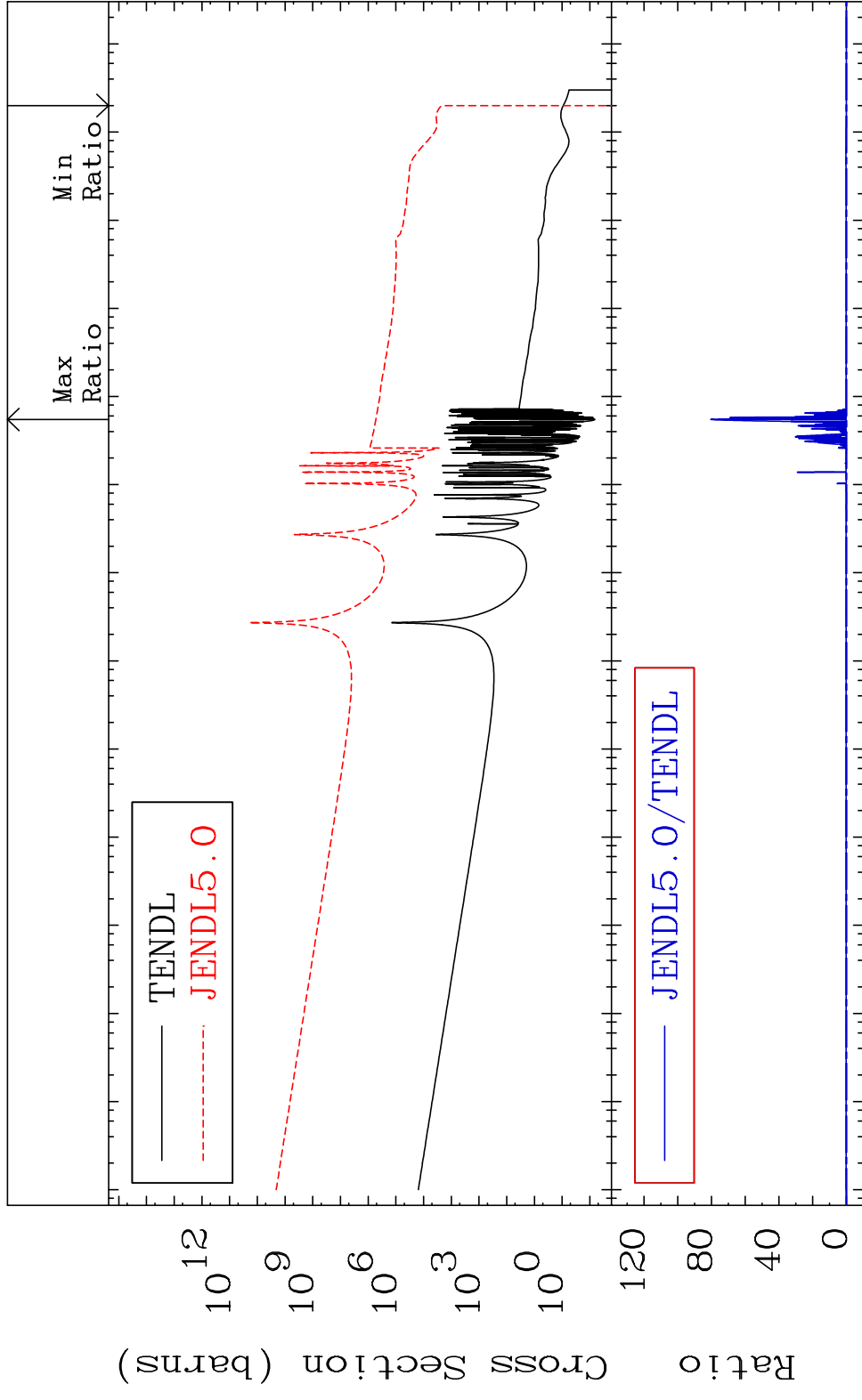


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Incident Energy (eV)

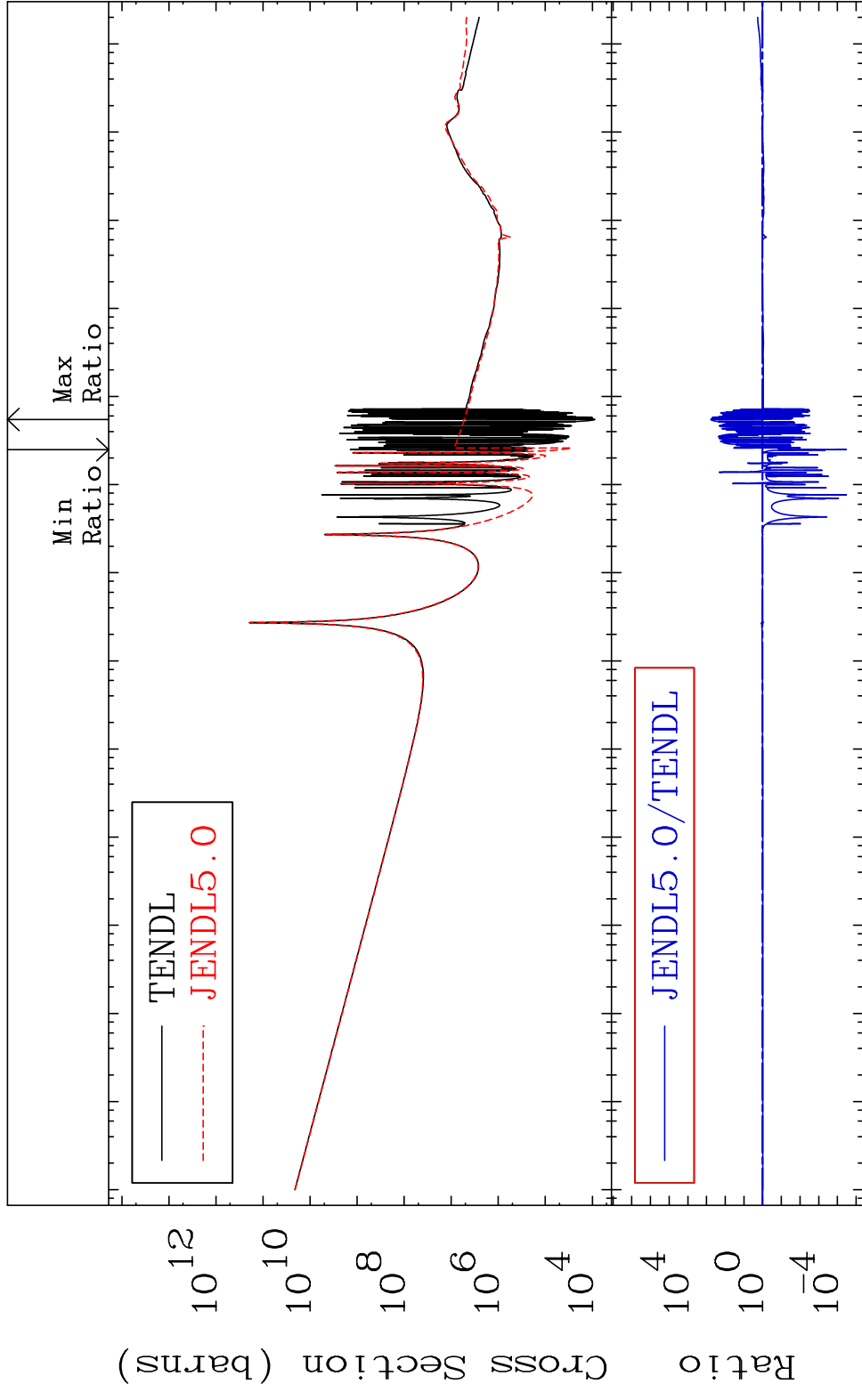
34-Se-74

MAT 3425 Kerma capture (mt102) 34-Se-74  
 Cross Section -100.0 To 9999. %



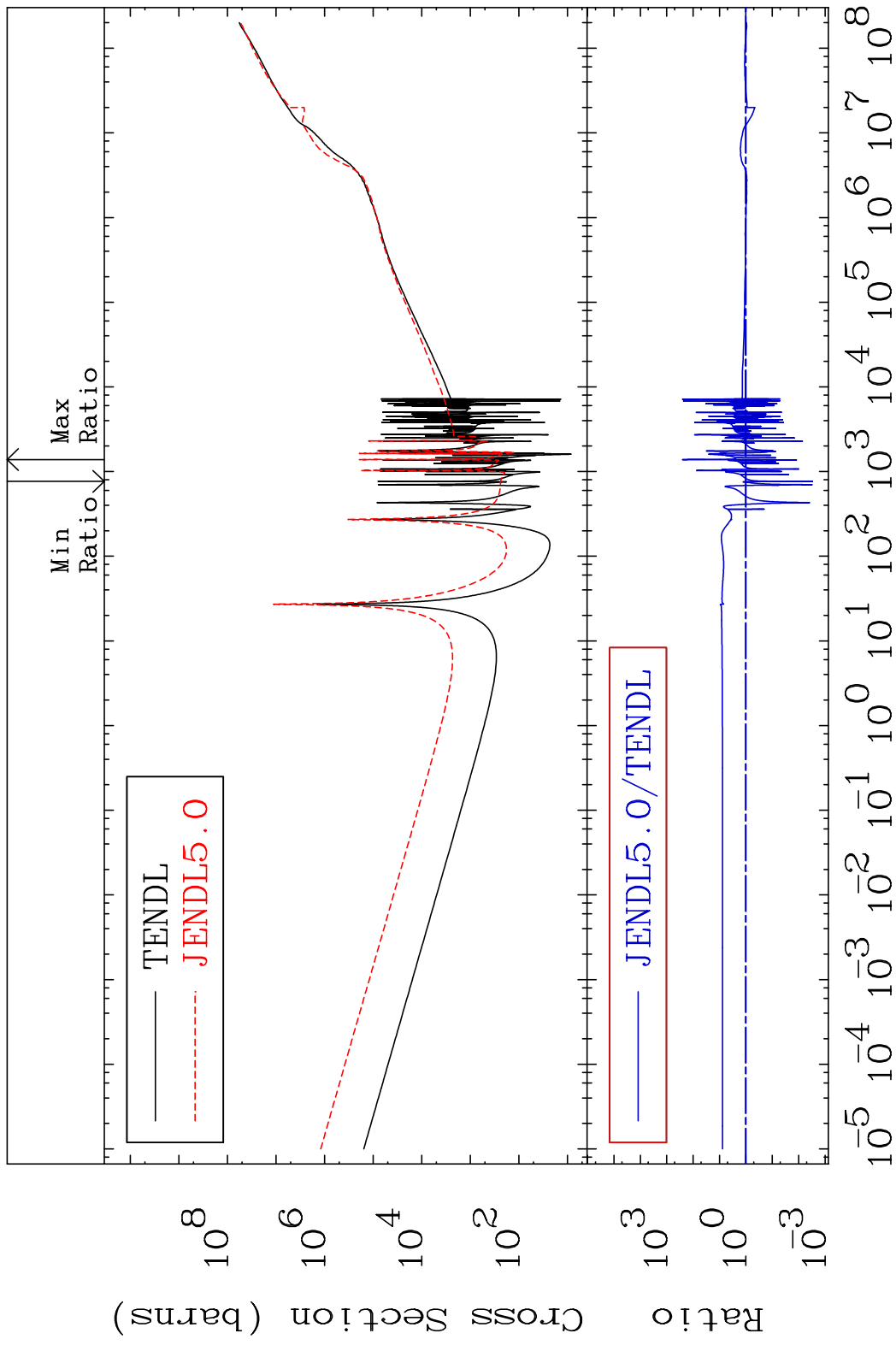
41 Incident Energy (eV) 34-Se-74

MAT 3425 Total photon (eV-barns) 34-Se-74  
 Cross Section -100.0 To 9999. %

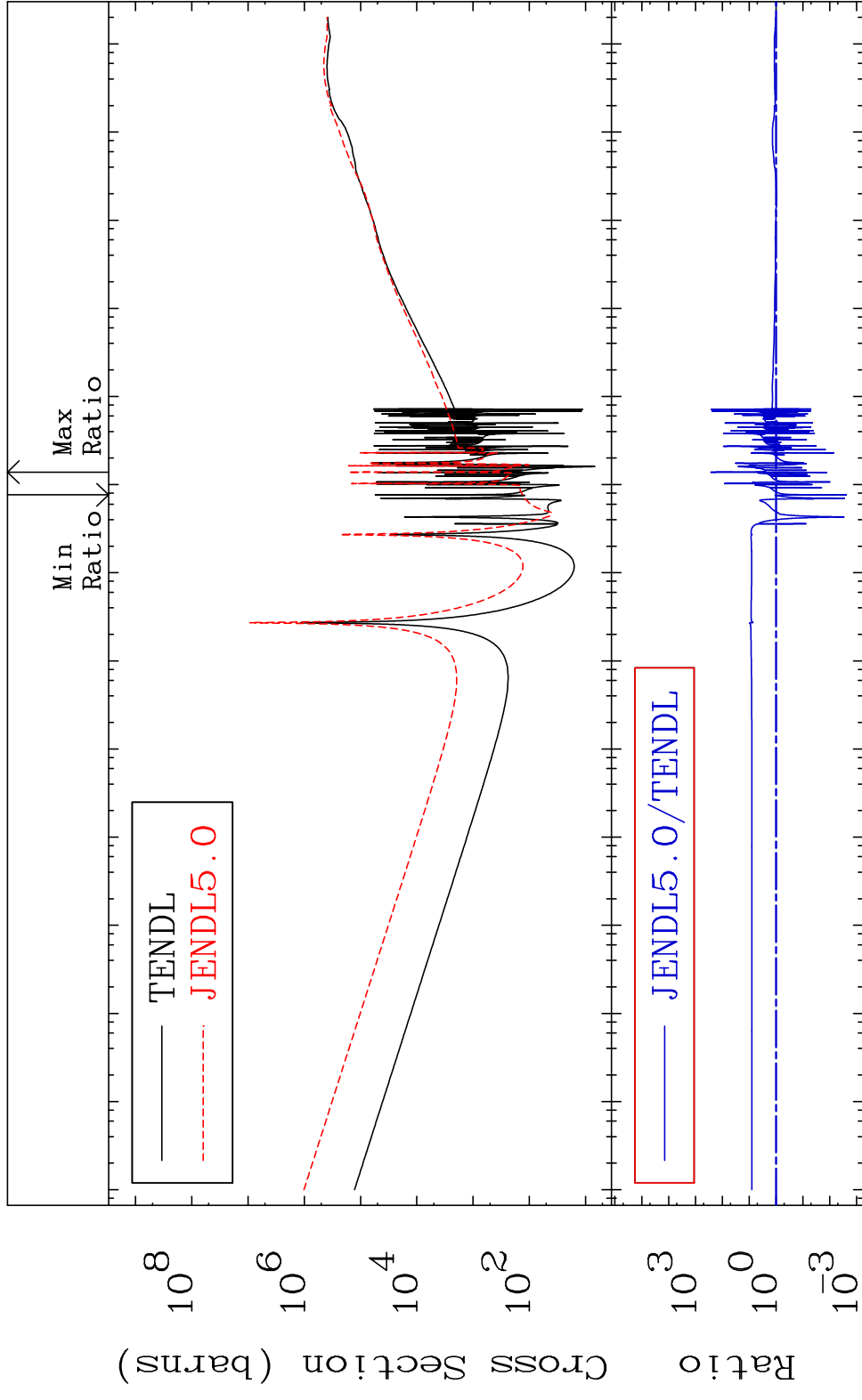


42 Incident Energy (eV) 34-Se-74

MAT 3425 Total kinematic kerma (high limit) 34-Se-74  
Cross Section -99.70 To 9999. %



MAT 3425      Dpa total (eV-barns)      34-Se-74  
 Cross Section      -99.76 To 9999. %

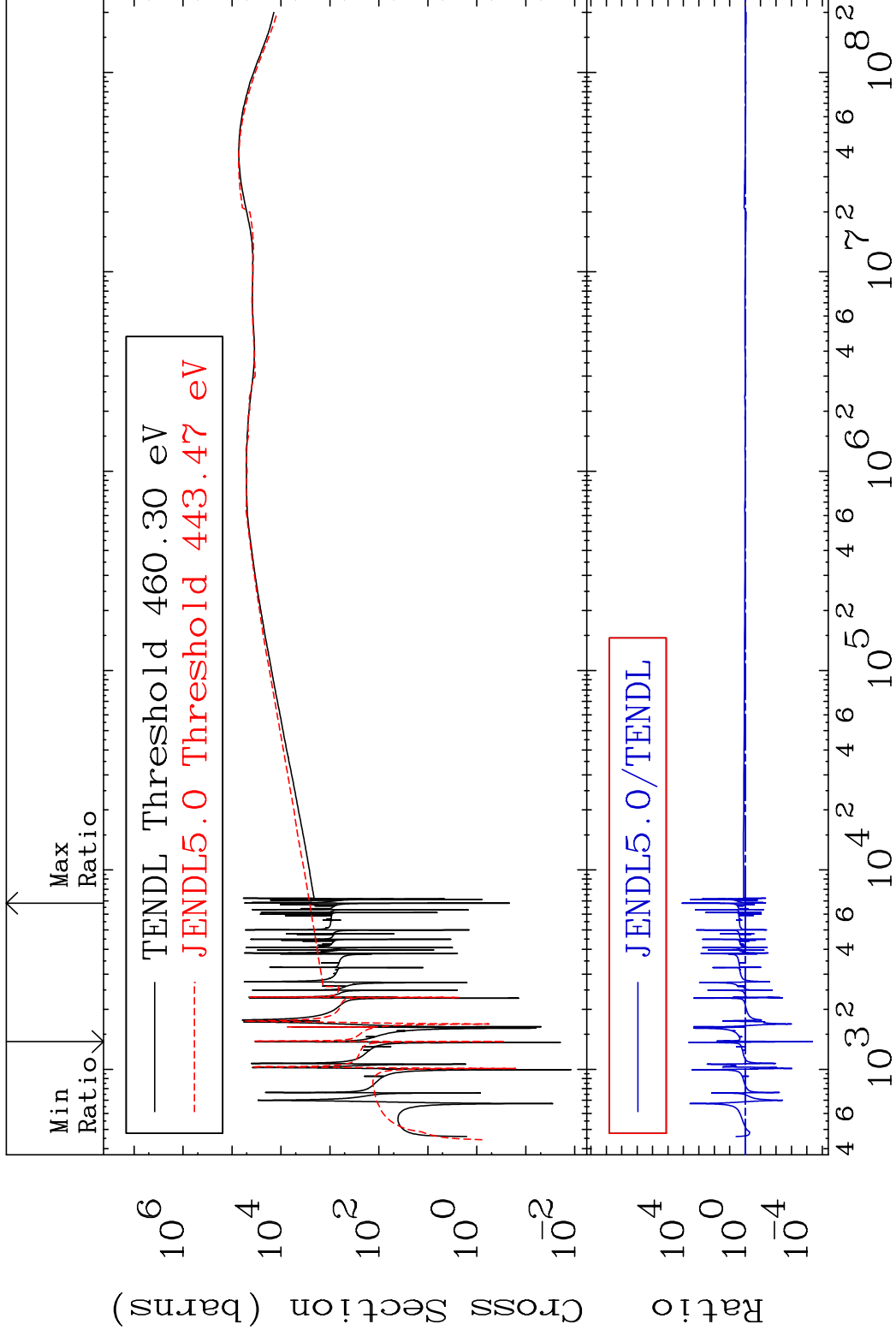


MAT 3425

Dpa elastic (mt2)

34-Se-74

Cross Section -100.0 To 9999. %

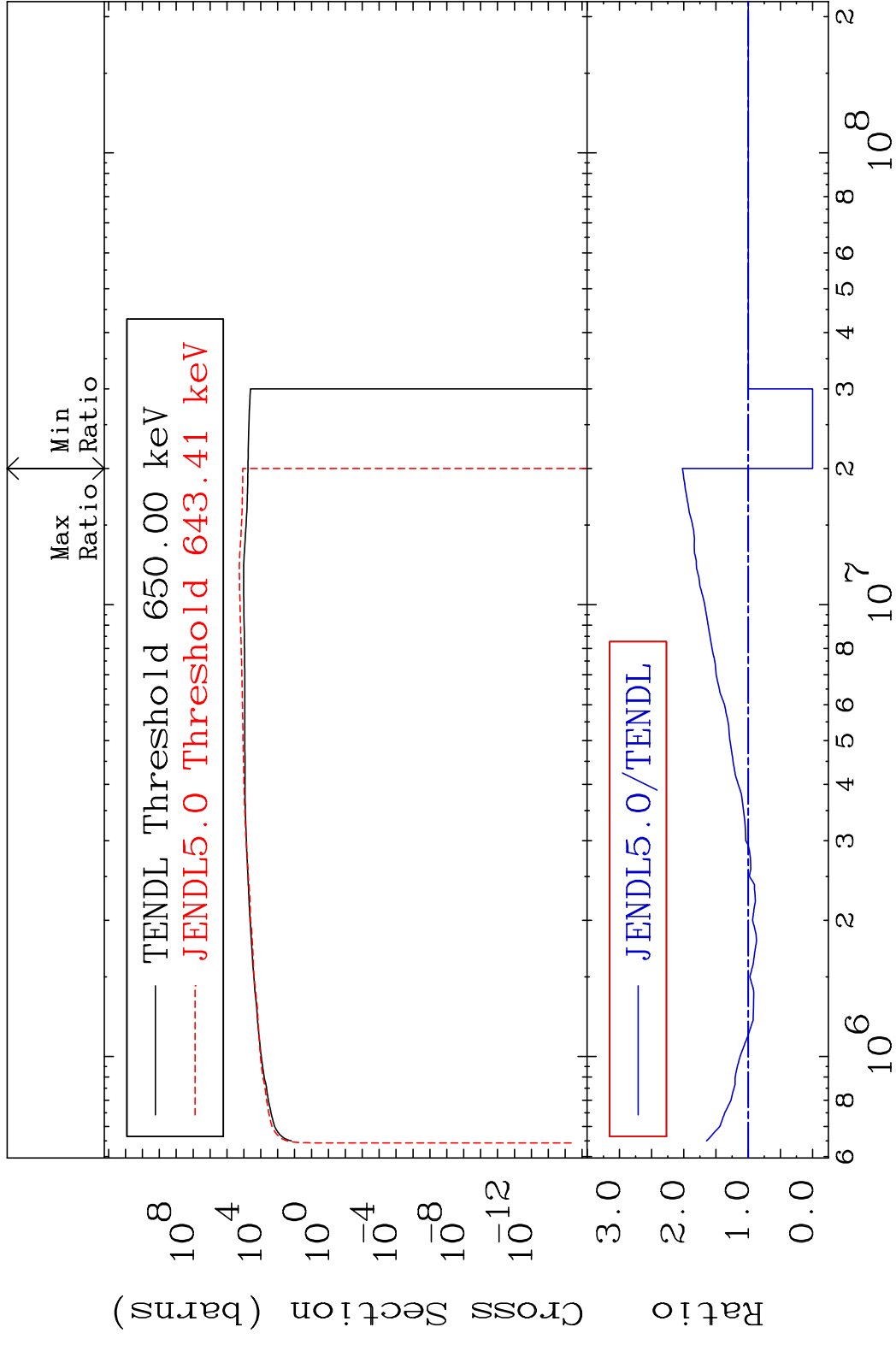


45

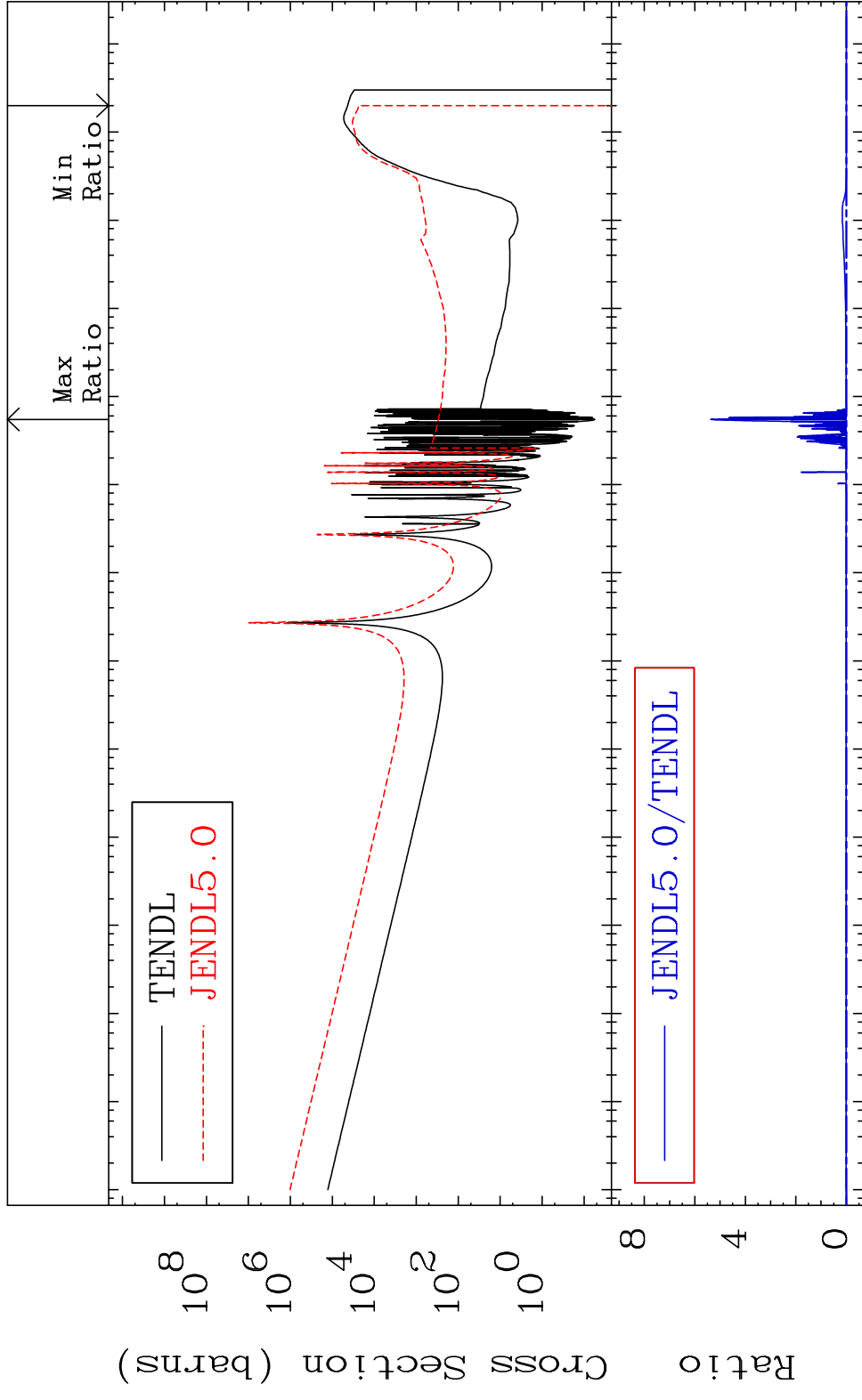
Incident Energy (eV)

34-Se-74

MAT 3425 Dpa inelastic (mt51-91) 34-Se-74  
 Cross Section -100.0 To 102.3 %

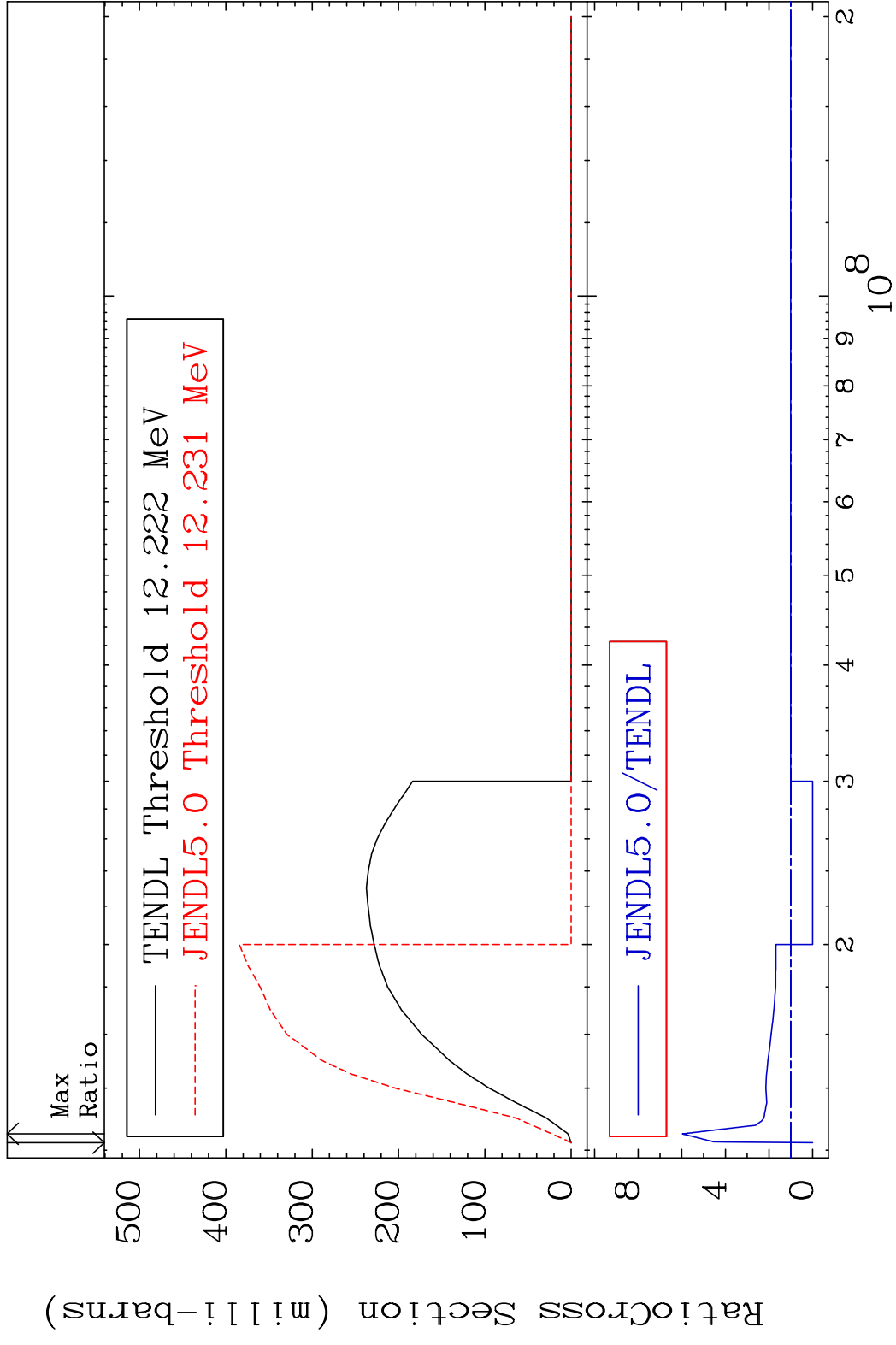


MAT 3425 Dpa disappearance (mt102 -120) 34-Se-74  
 Cross Section -100.0 To 9999. %

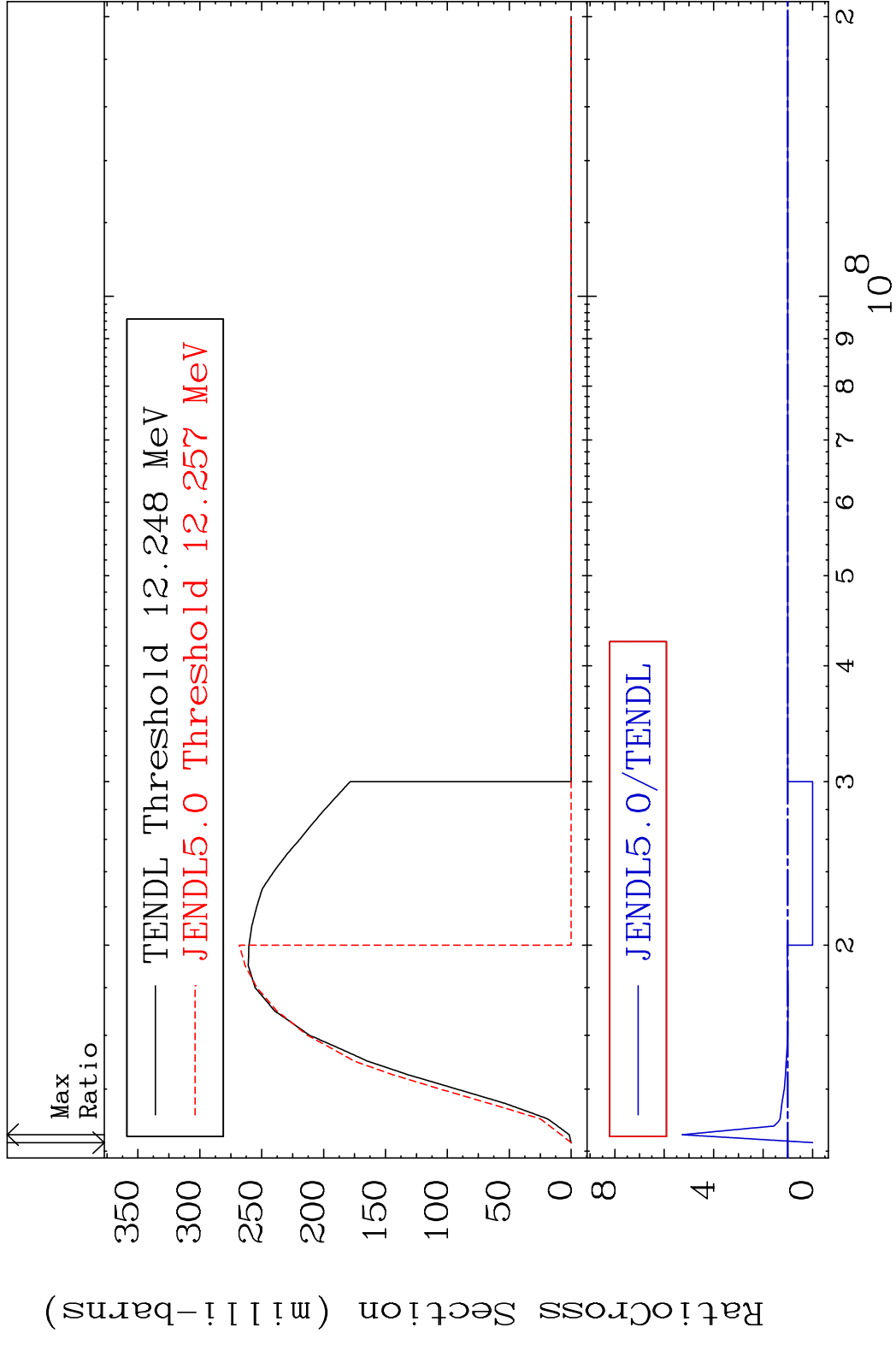




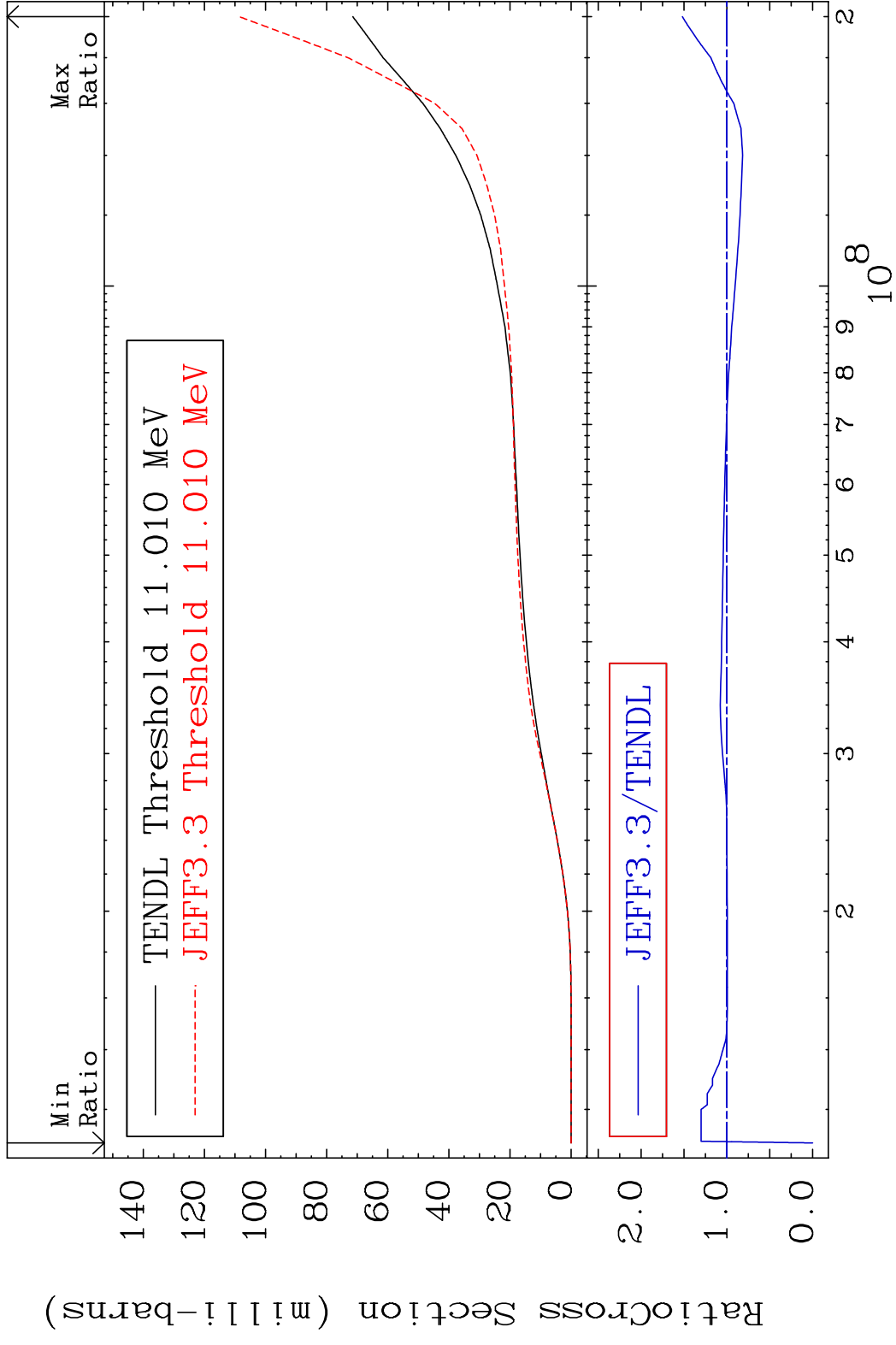
MAT 3425 (n,2n):34-Se-73g 34-Se-74  
 Radionuclide Production Cross Section 180.0 dth 497.5 %



MAT 3425 (n,2n):34-Se-73m1 34-Se-74  
 Radionuclide Production Cross Section Ratio 426.8 %



MAT 3425 Tritium Production 34-Se-74  
 Cross Section -100.0 To 51.96 %

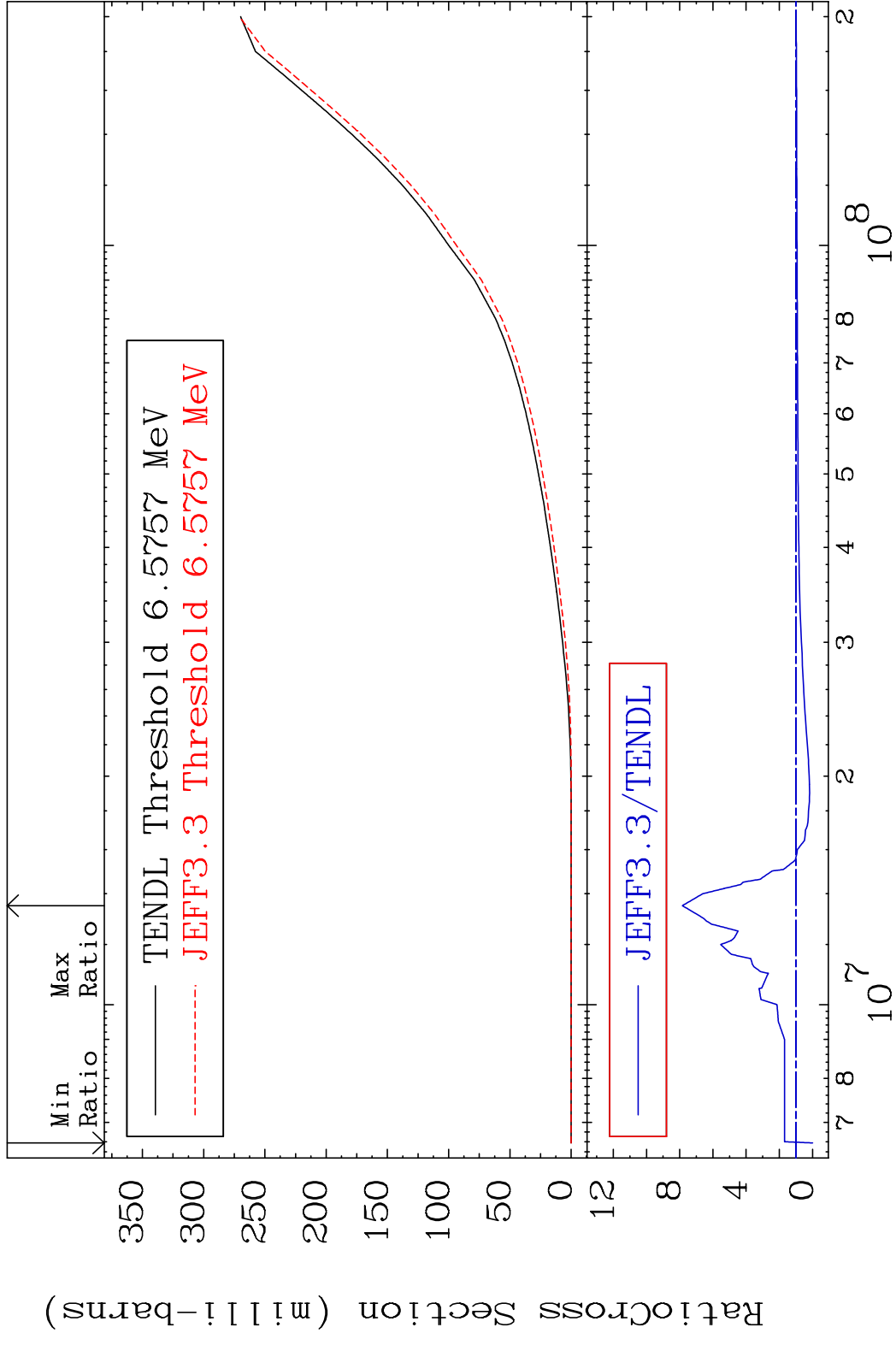


MAT 3425

He-3 Production

34-Se-74

Cross Section -100.0 To 683.9 %

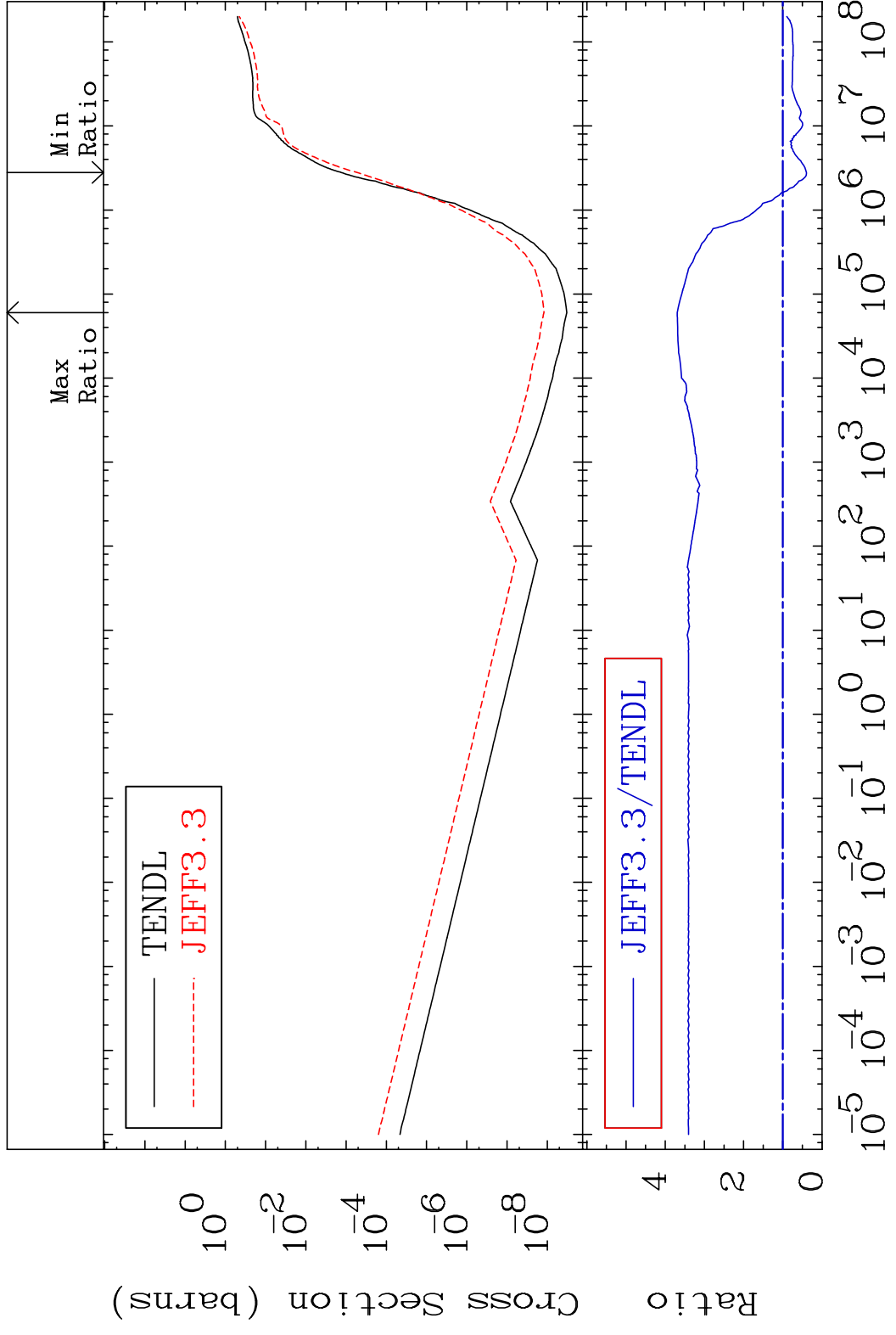


MAT 3425

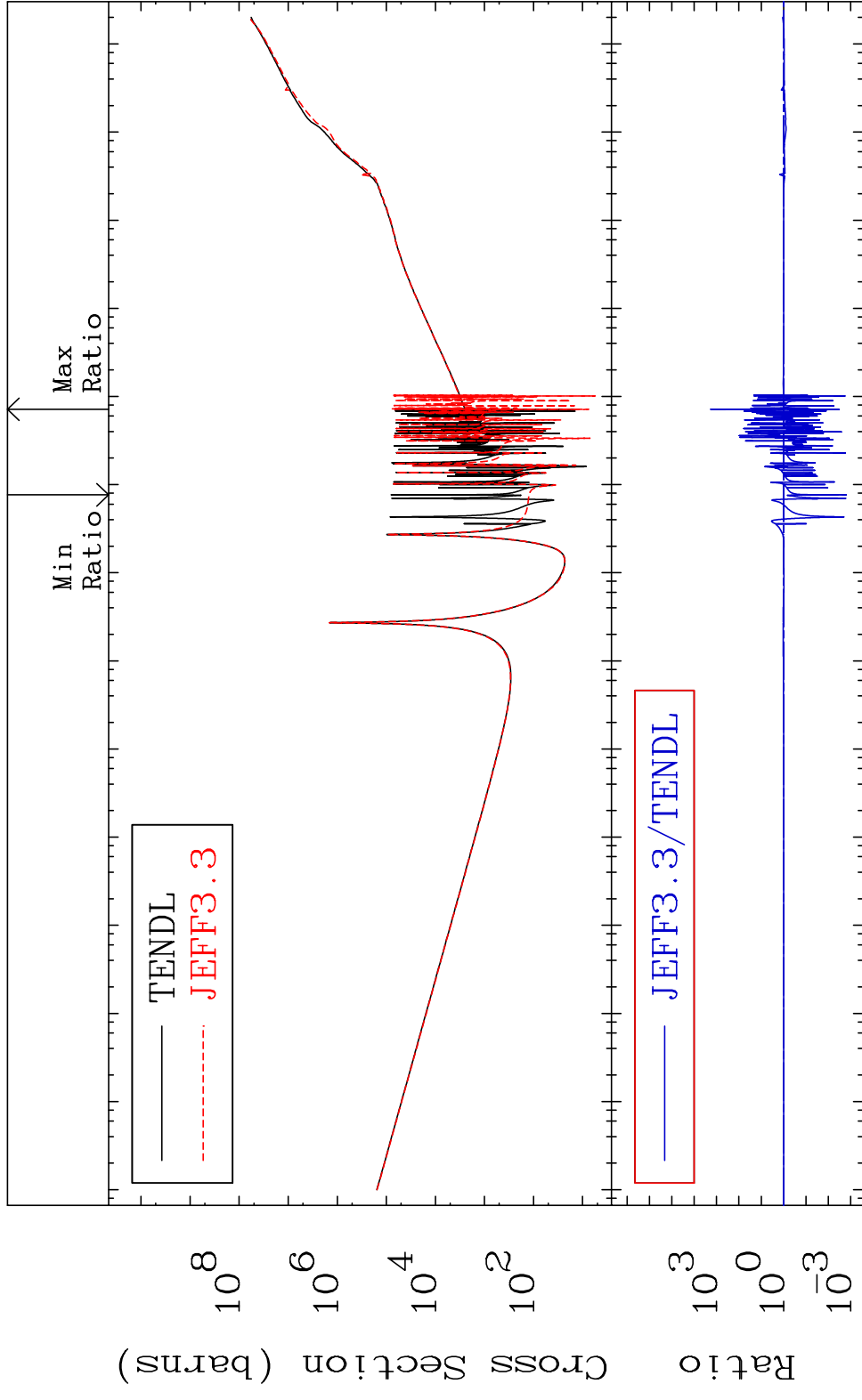
He-4 Production

34-Se-74

Cross Section -60.22 To 269.5 %

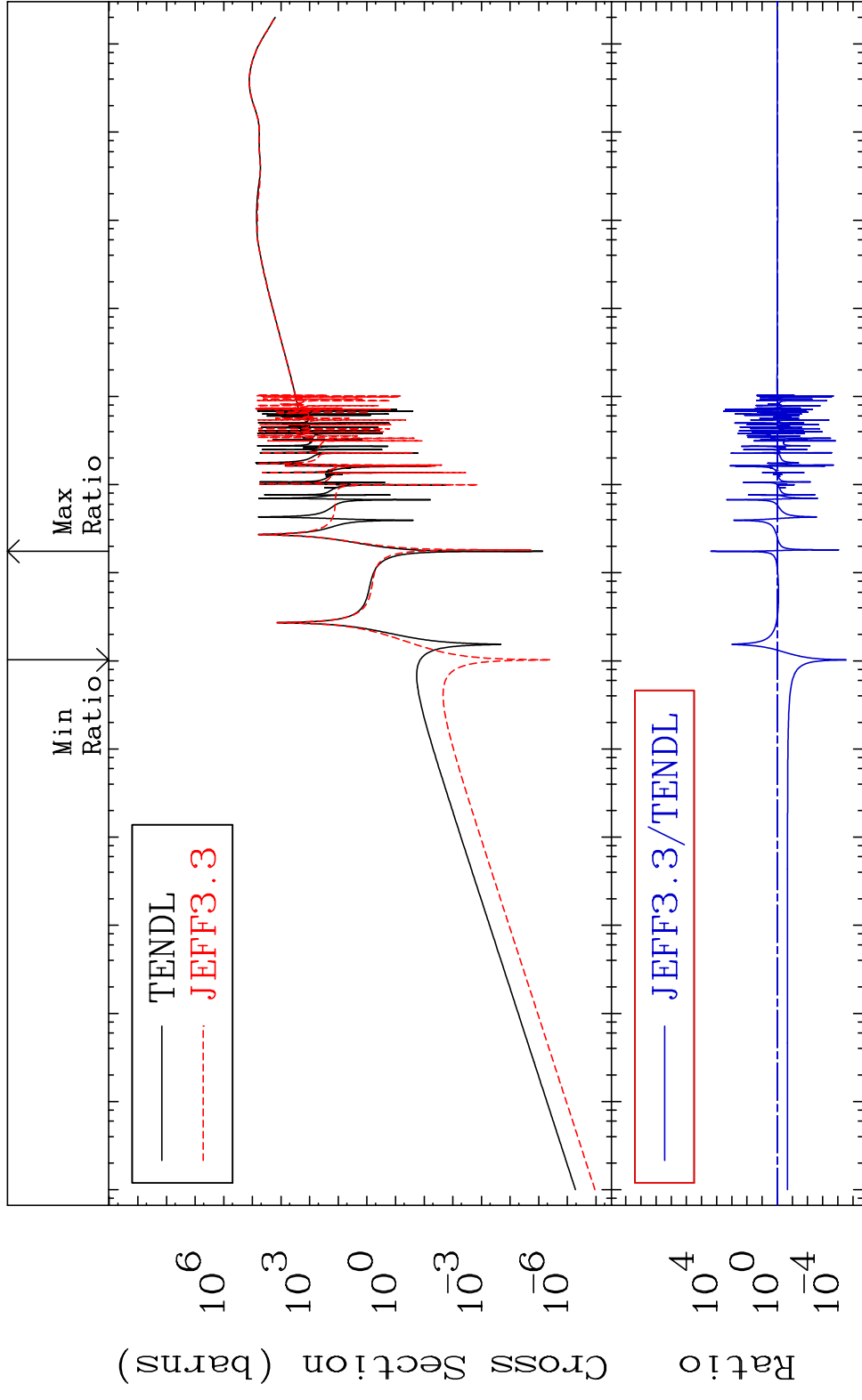


MAT 3425 Kerma total (eV-barns) 34-Se-74  
 Cross Section -99.84 To 9999. %

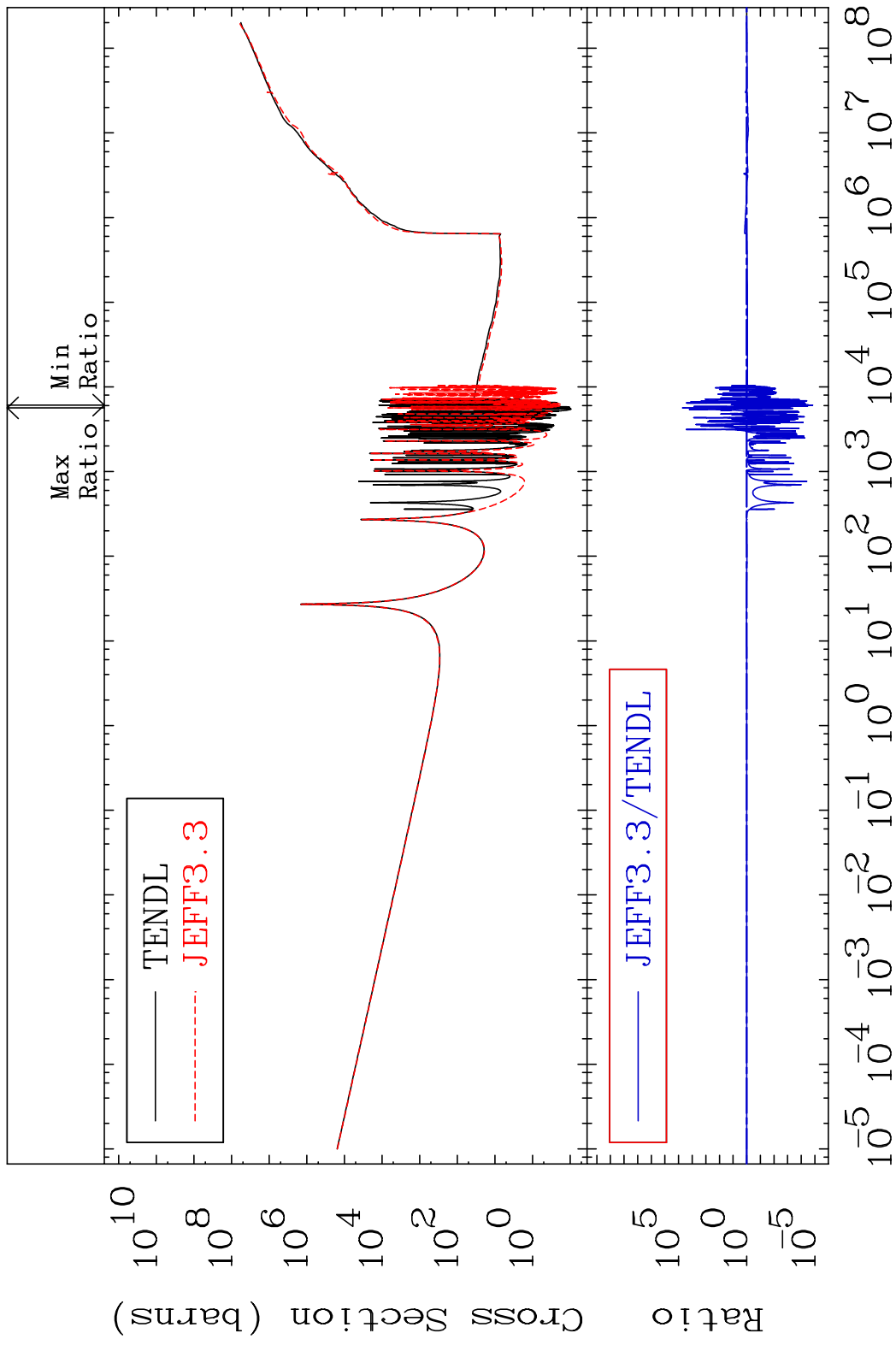


MAT 3425

Kerma elastic Cross Section -100.0 To 9999. %  
34-Se-74

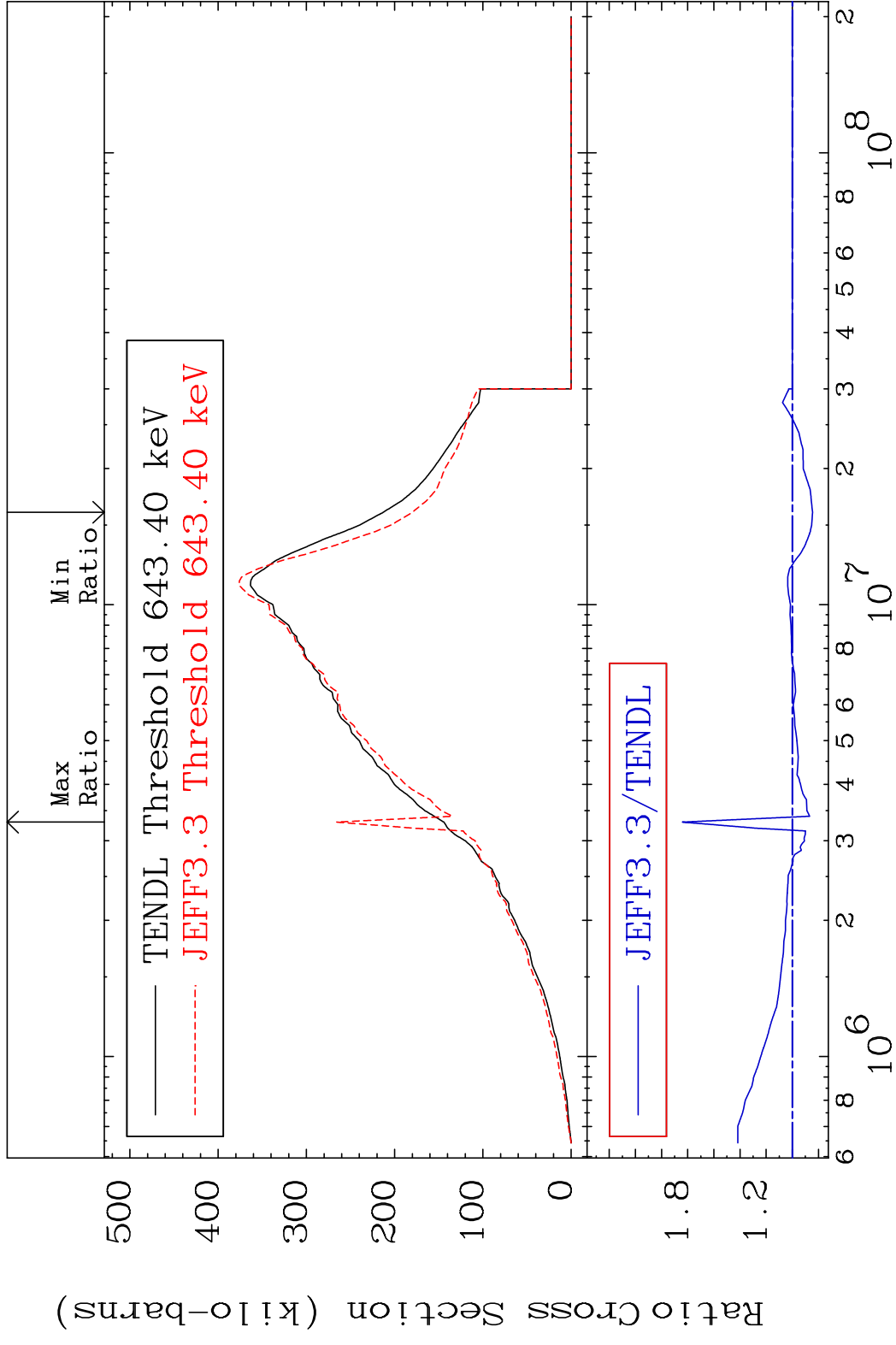


MAT 3425 Kerma non-elastic (all but mt2) 34-Se-74  
 Cross Section -100.0 To 9999. %

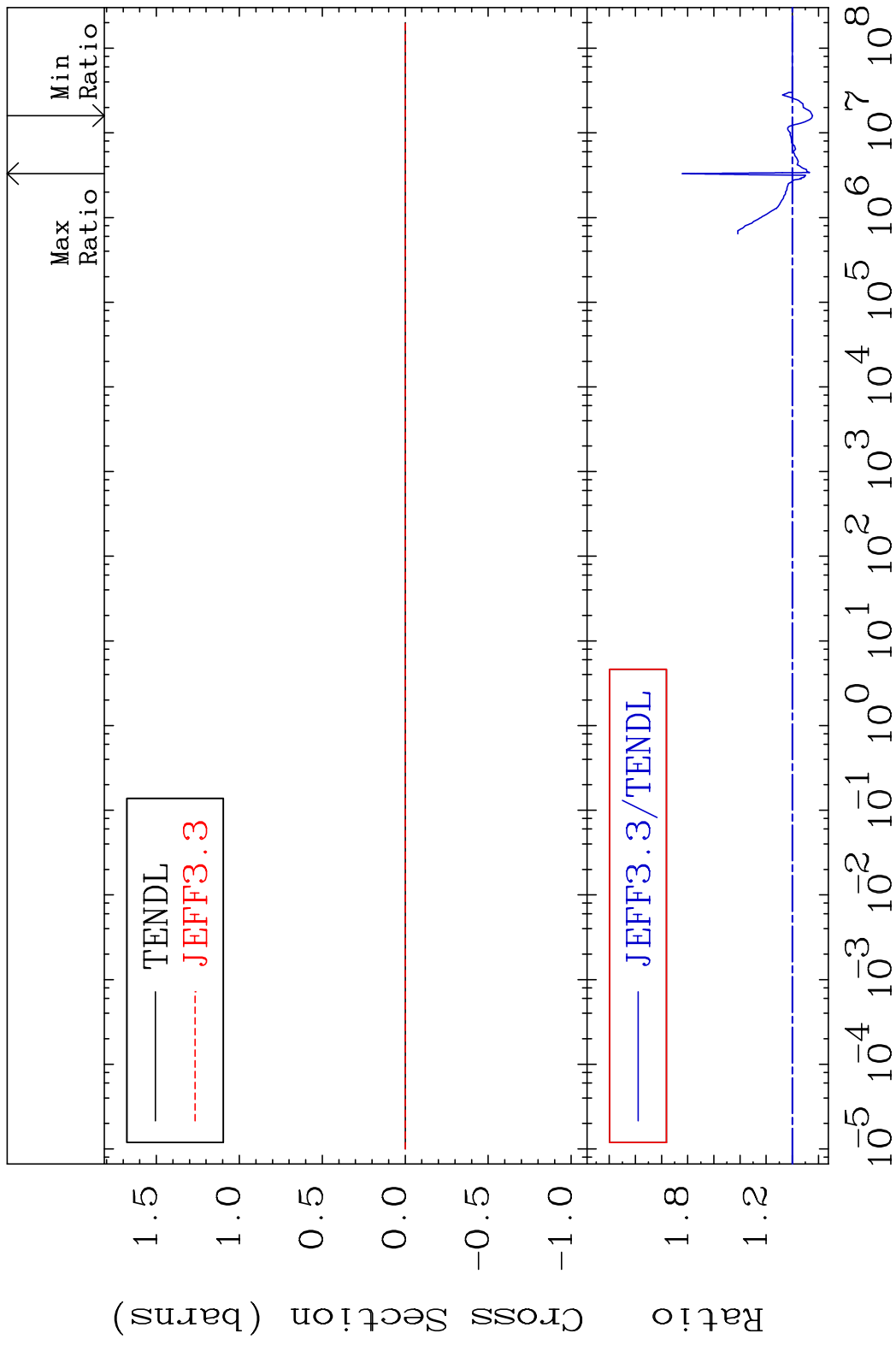




MAT 3425 Kerma inelastic (mt51-91) 34-Se-74  
 Cross Section -15.51 To 84.10 %

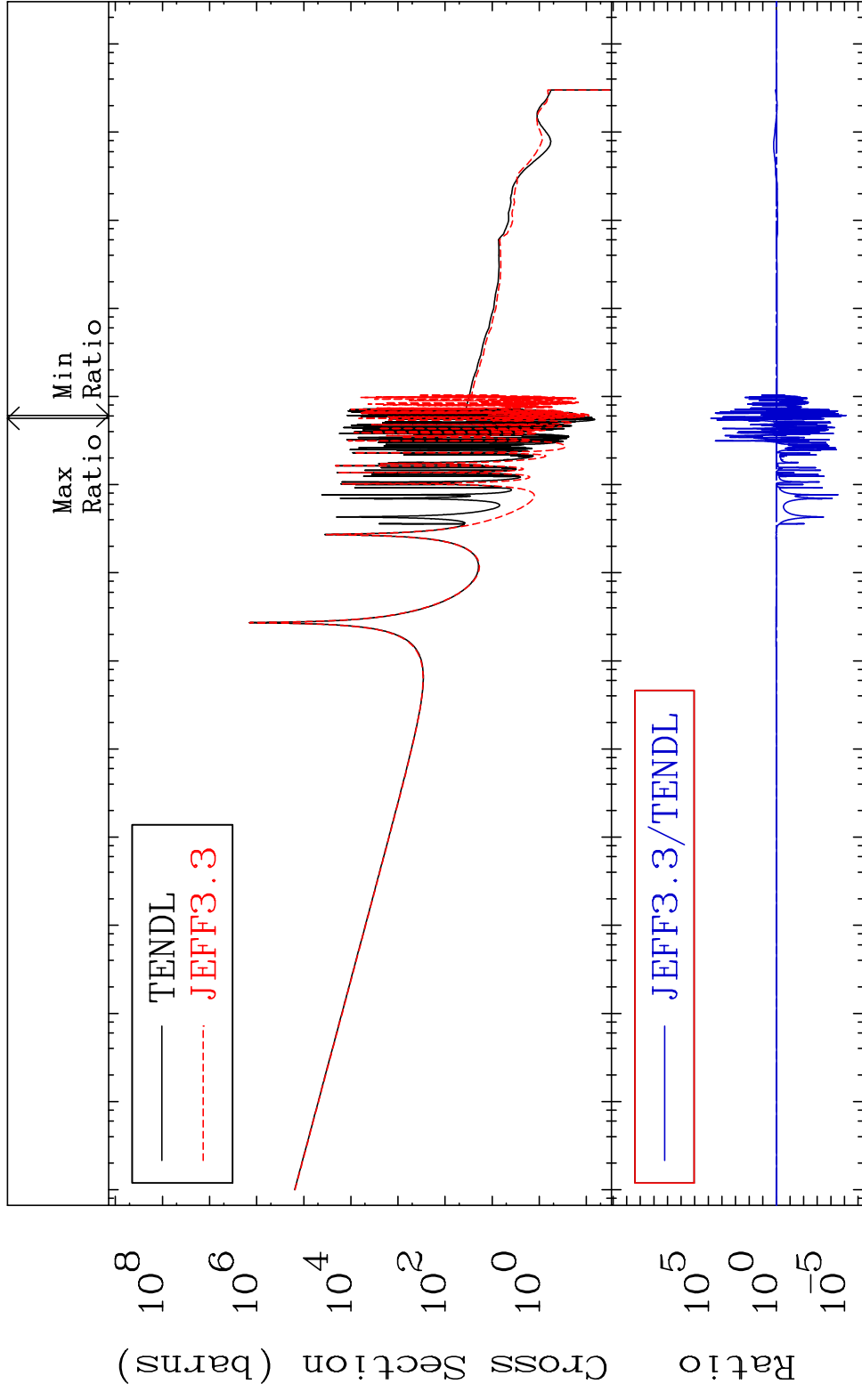


MAT 3425 Kerma fission (mt18 or mt19-20-21-38) 34-Se-74  
 Cross Section -15.51 To 84.10 %



MAT 3425

Kerma capture (mt102) 34-Se-74  
Cross Section -100.0 To 9999. %



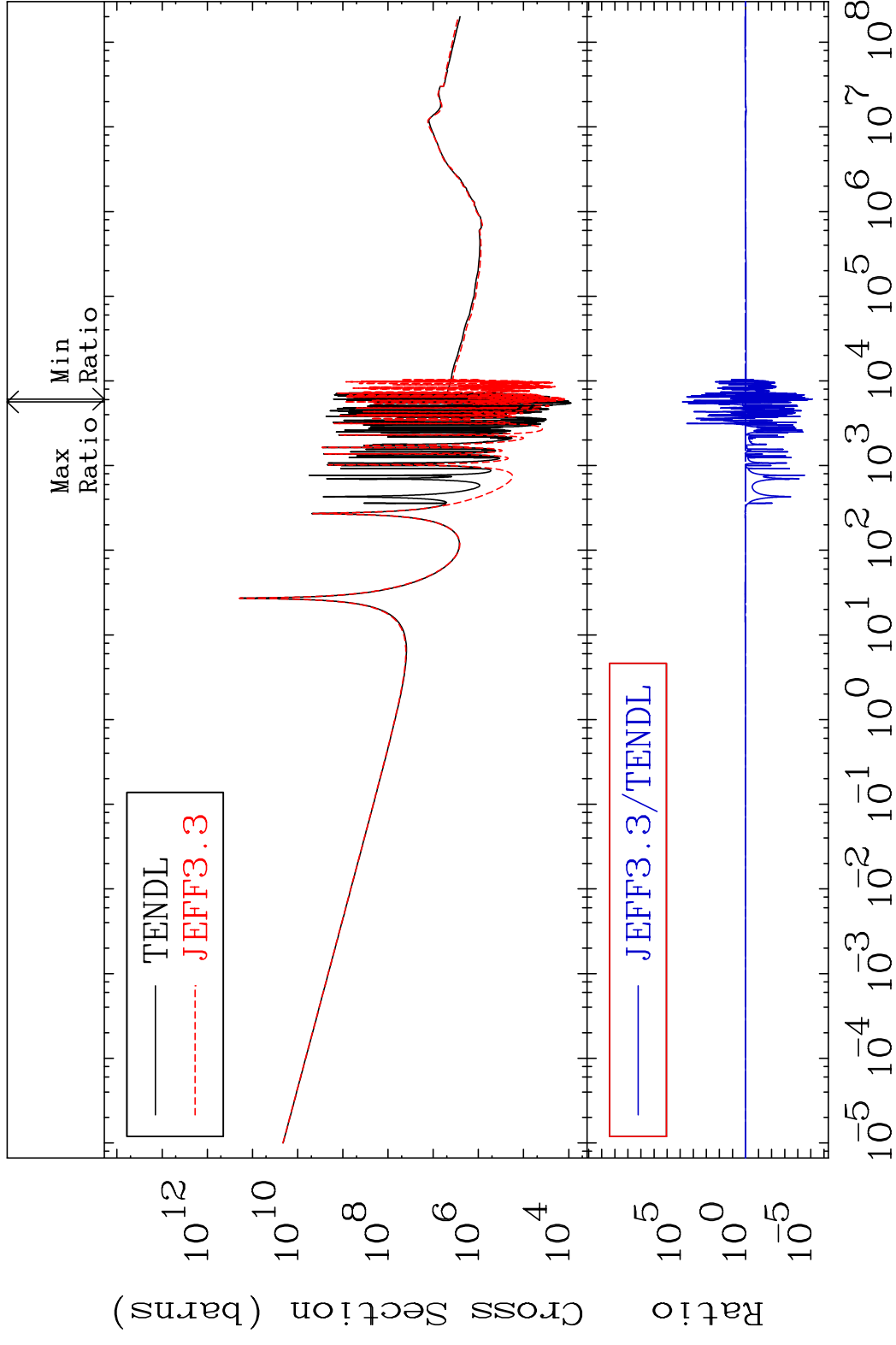
58

Incident Energy (eV)

34-Se-74

MAT 3425

Total photon (eV-barns) 34-Se-74  
Cross Section -100.0 To 9999. %

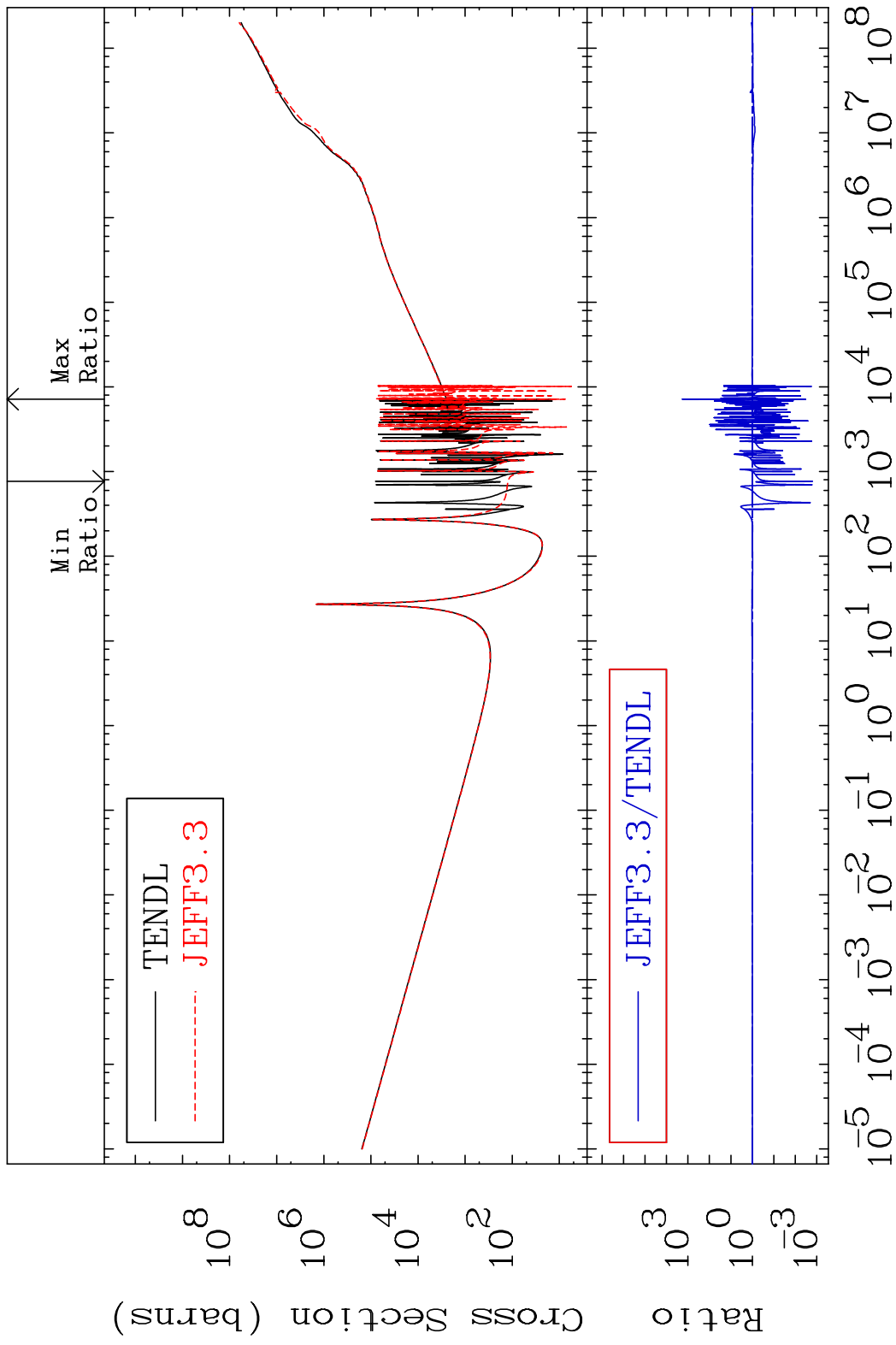


59

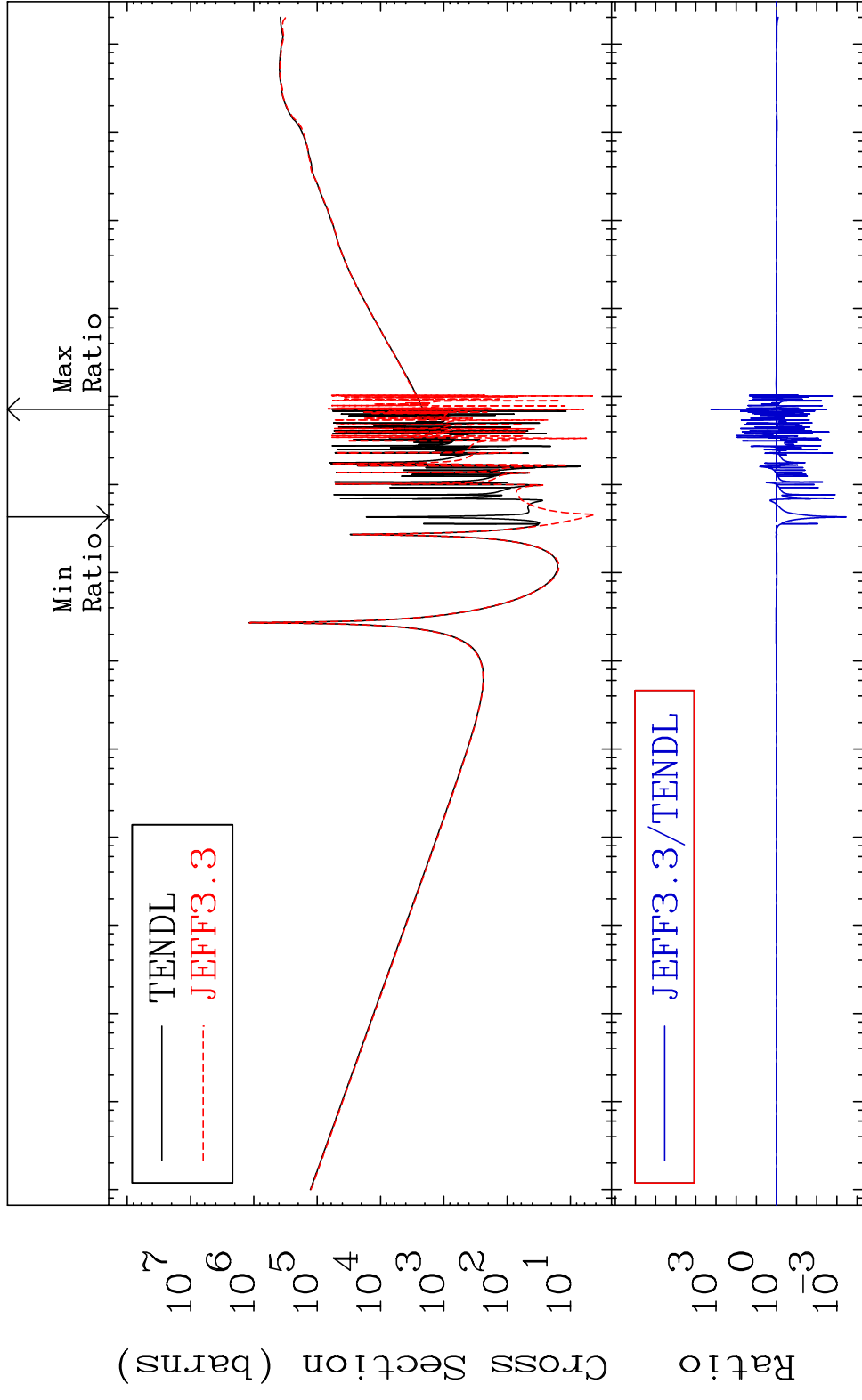
Incident Energy (eV)

34-Se-74

MAT 3425 Total kinematic kerma (high limit) 34-Se-74  
 Cross Section -99.84 To 9999. %



MAT 3425      Dpa total (eV-barns)      34-Se-74  
 Cross Section      -99.97 To 9999. %

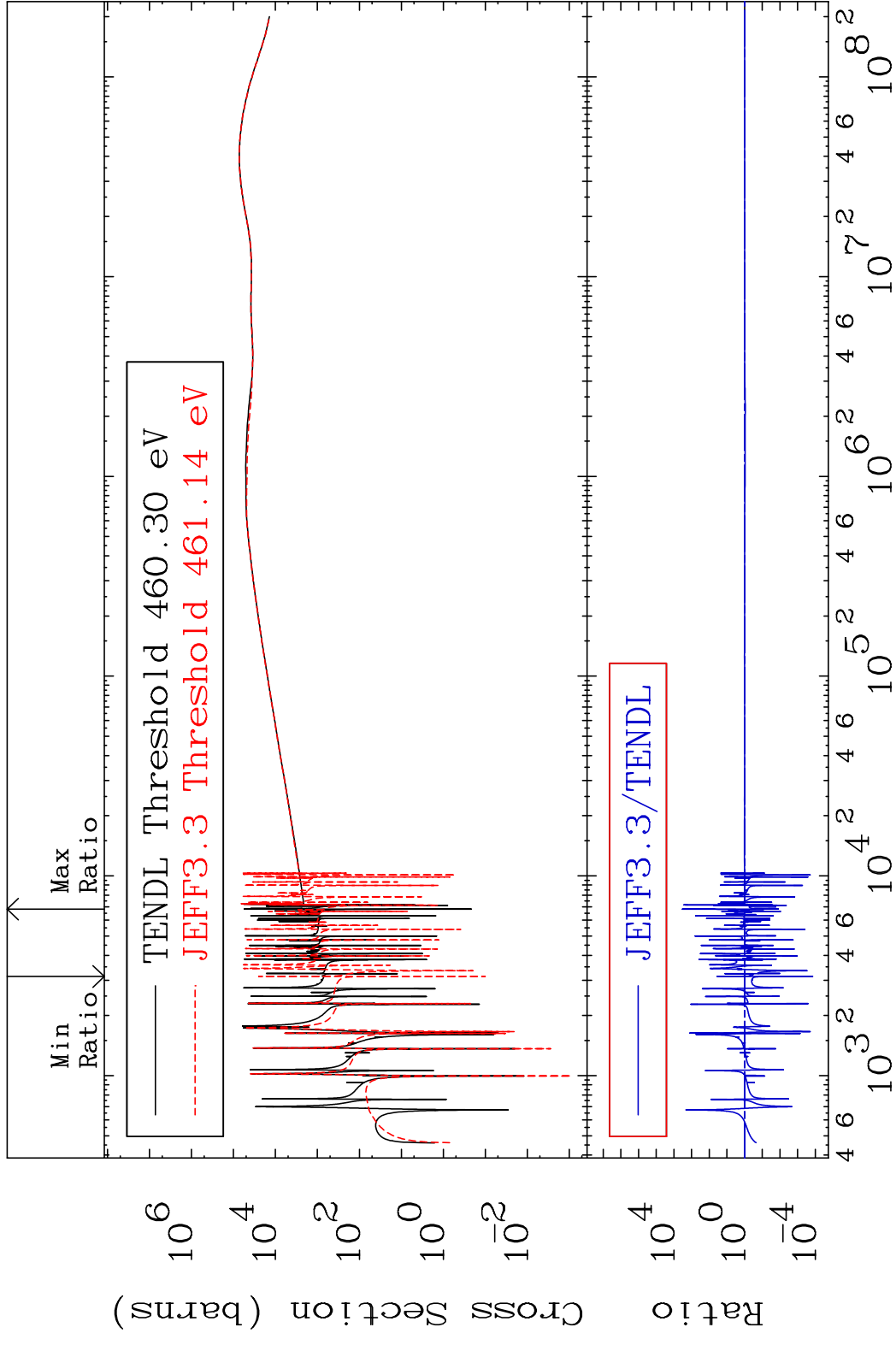


MAT 3425

Dpa elastic (mt2)

34-Se-74

Cross Section -99.99 To 9999. %

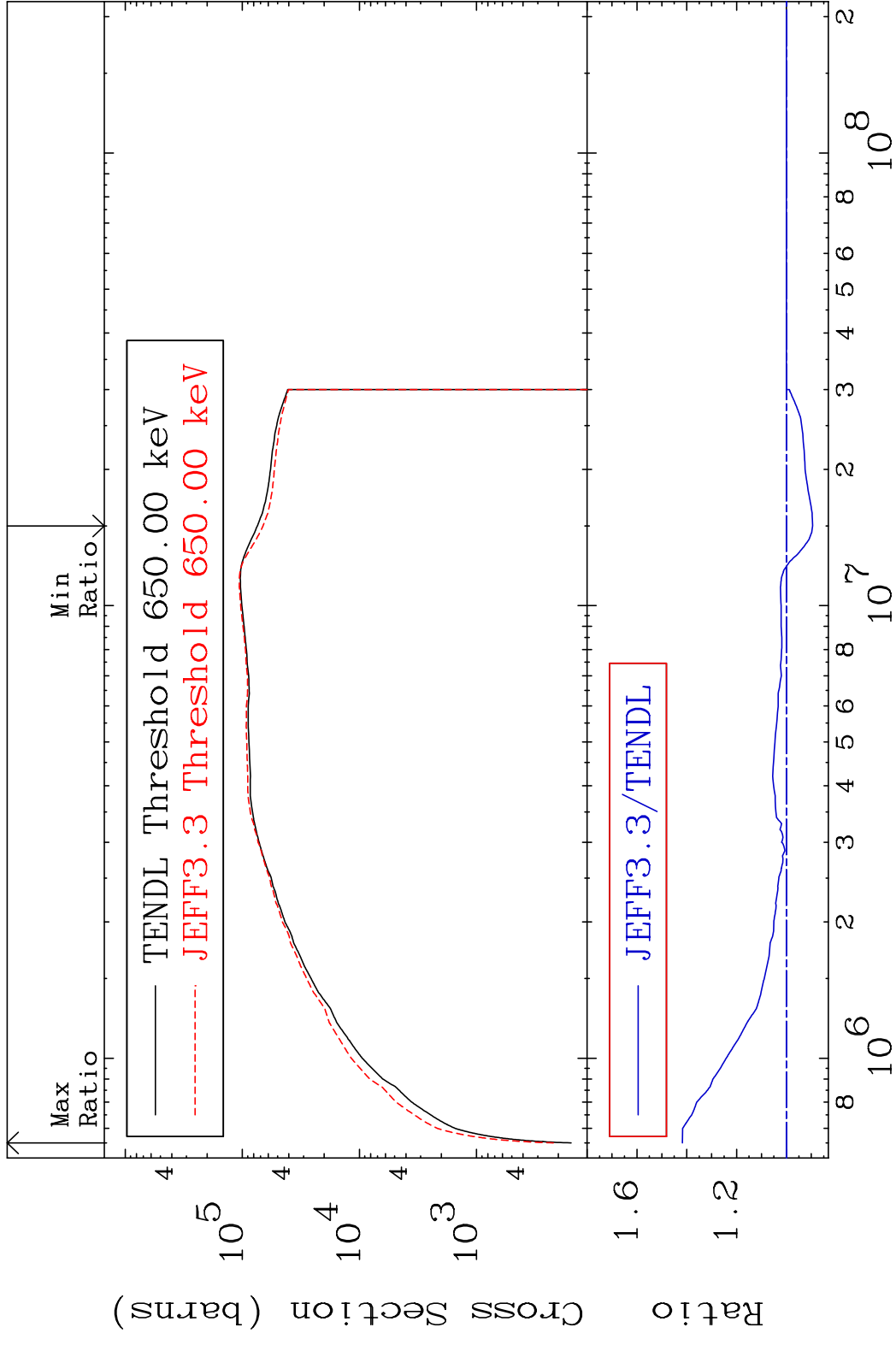


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Incident Energy (eV)

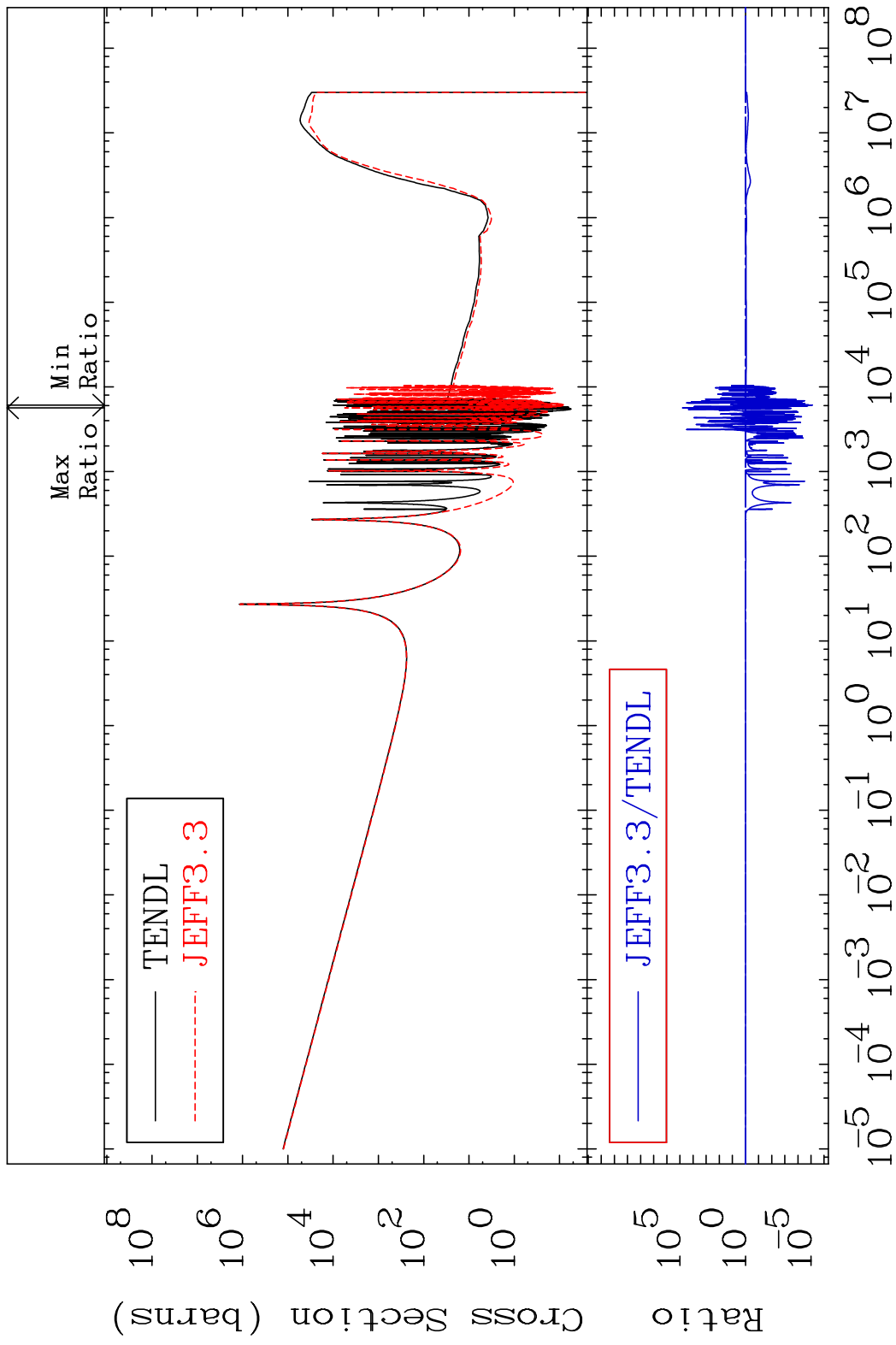
34-Se-74

MAT 3425 Dpa inelastic (mt51-91) 34-Se-74  
 Cross Section -10.51 To 41.75 %

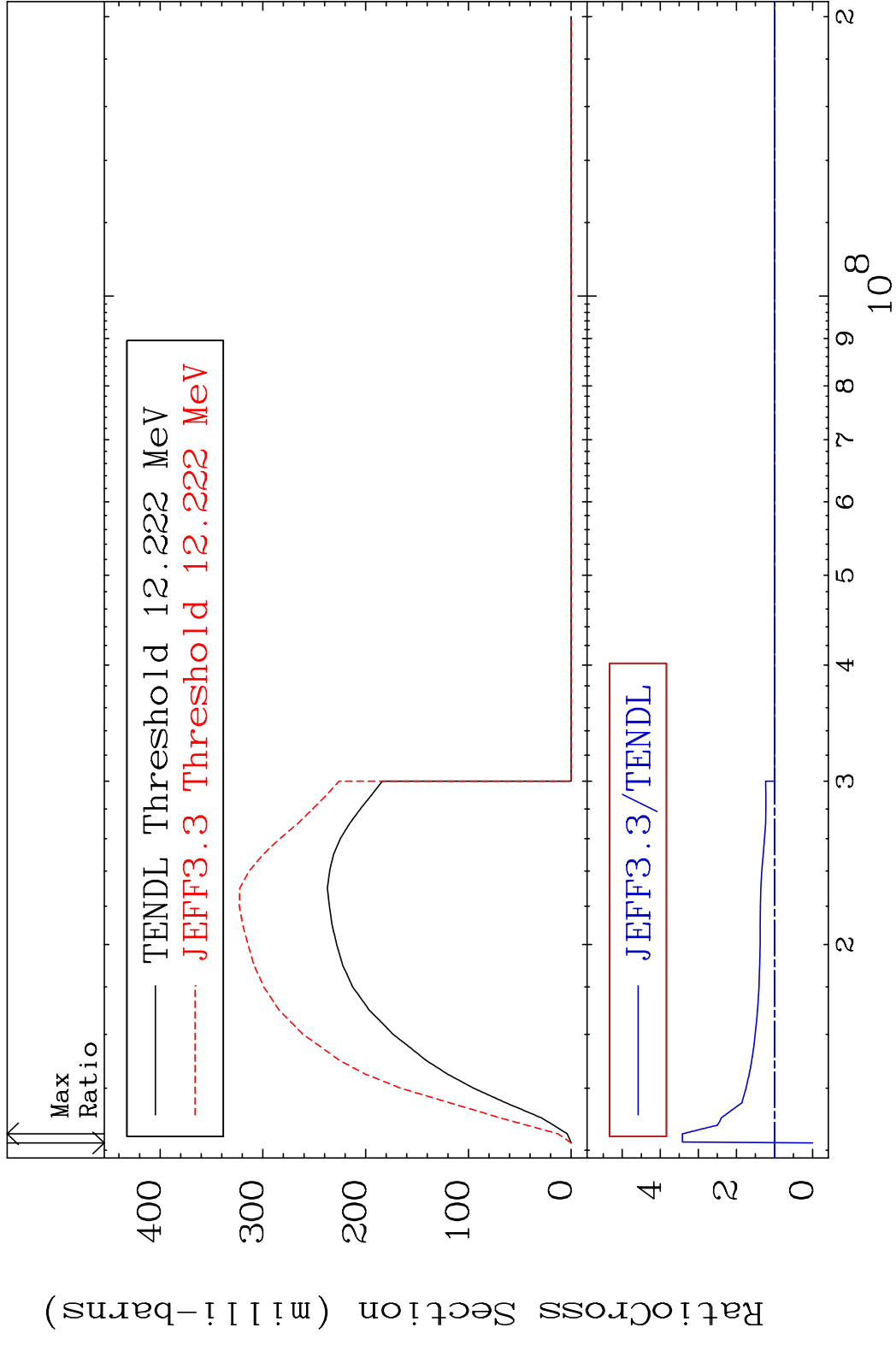




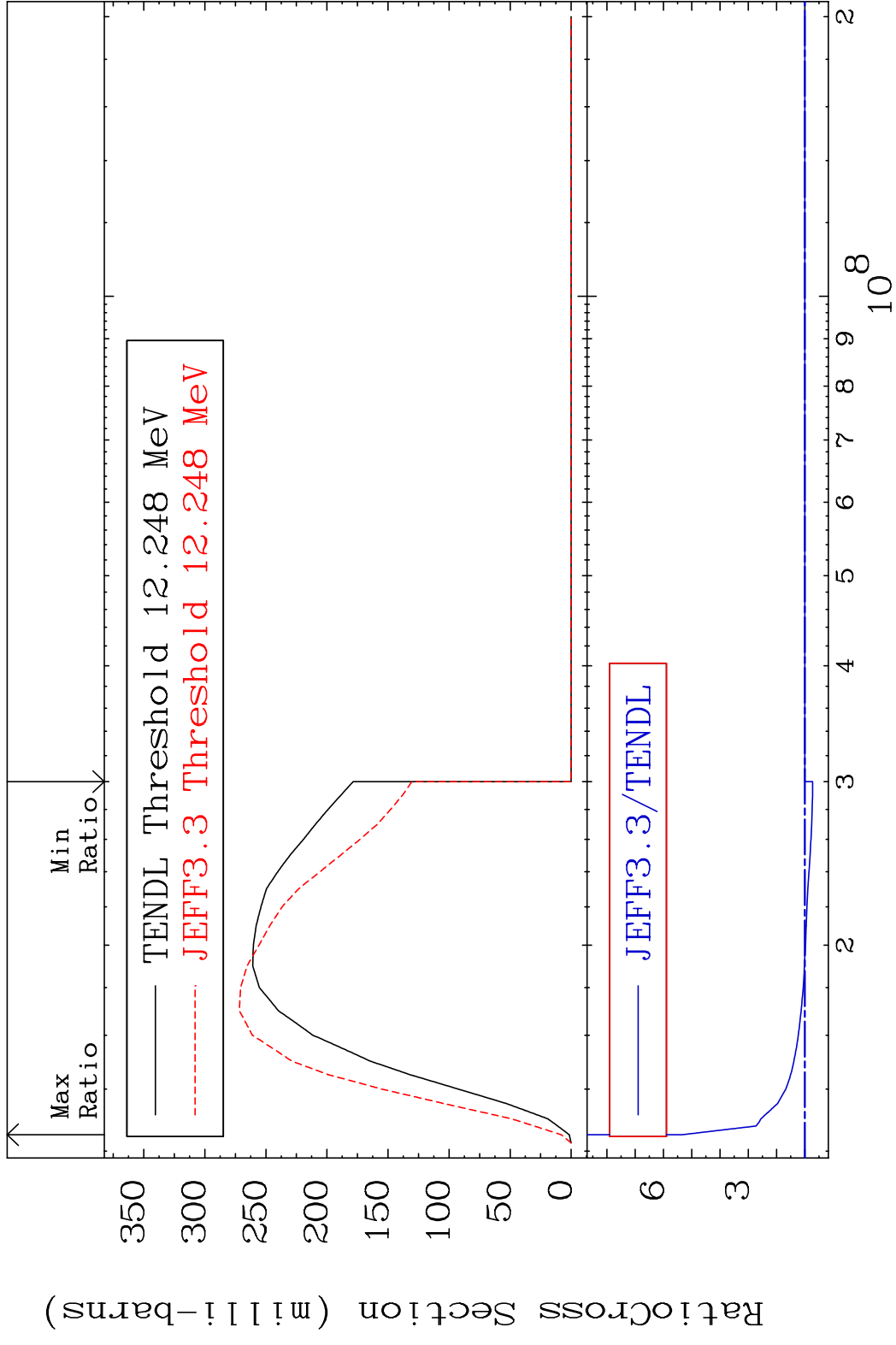
MAT 3425 Dpa disappearance (mt102 -120) 34-Se-74  
 Cross Section -100.0 To 9999. %



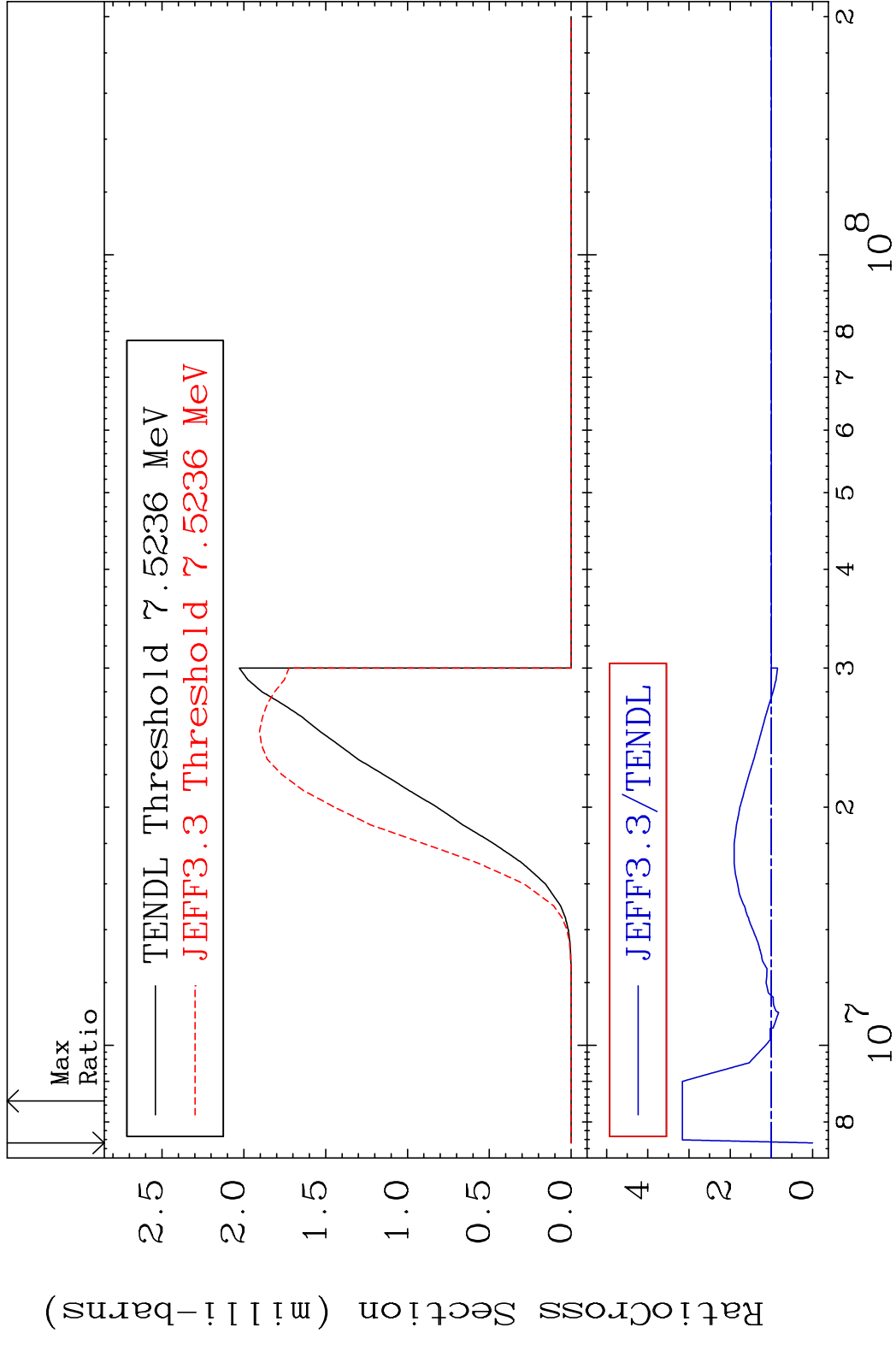
MAT 3425 (n,2n):34-Se-73g 34-Se-74  
 Radionuclide Production Cross Section Ratio 242.0 %



MAT 3425 (n,2n):34-Se-73m1 34-Se-74  
 Radionuclide Production Cross Section 433.2 %



MAT 3425 (n,2p):32-Ge-73g 34-Se-74  
 Radionuclide Production Cross Section Ratio 216.2 %



MAT 3425 (n,2p):32-Ge-73m2 34-Se-74  
 Radionuclide Production Cross Section 180.0 mb 350.8 %

