

Program Complot  
(Version 2018-1)

by

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Press Mouse Button to Start

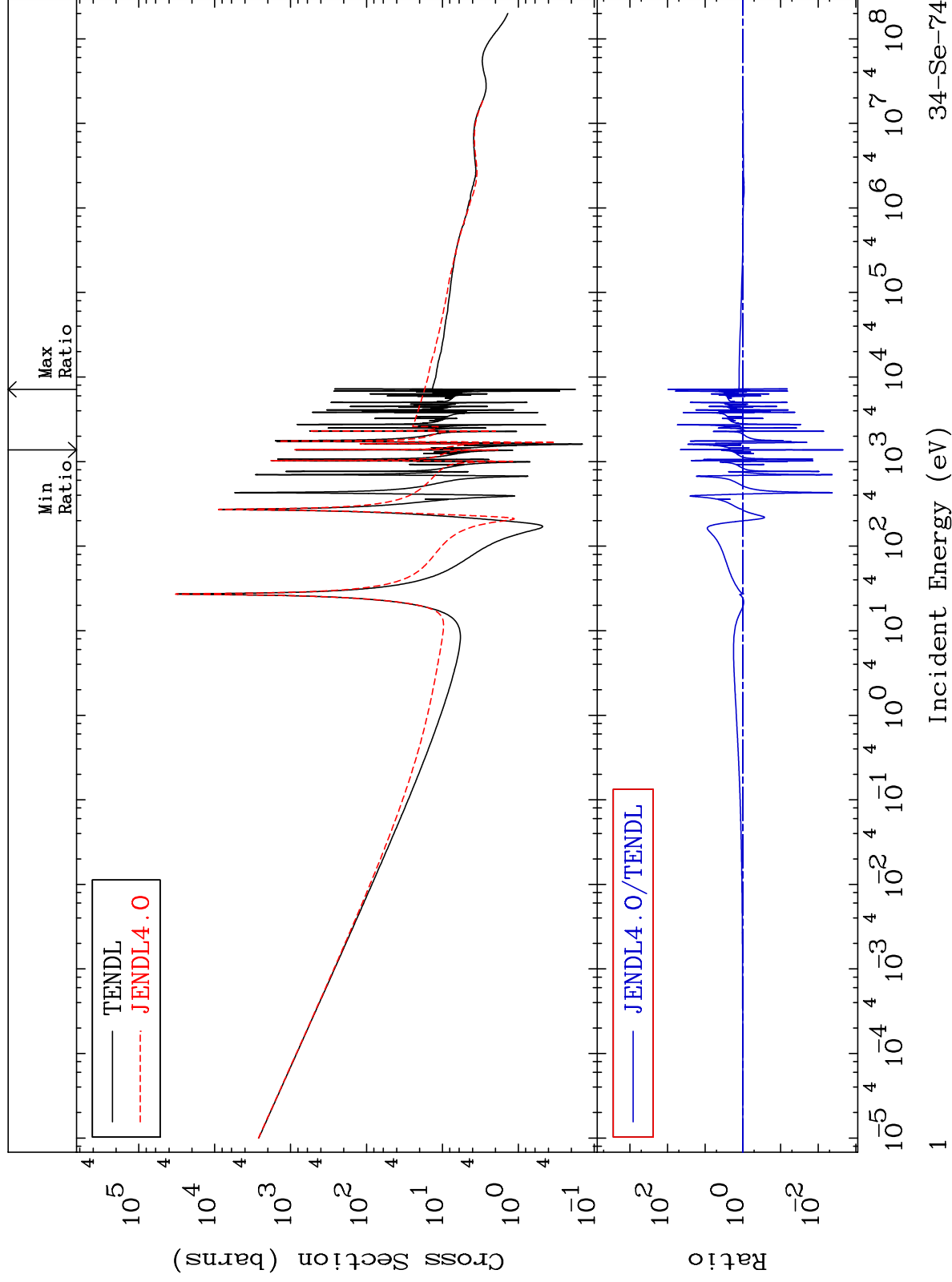
MAT 3425

Total

Cross Section

34-Se-74

-99.78 To 9615. %

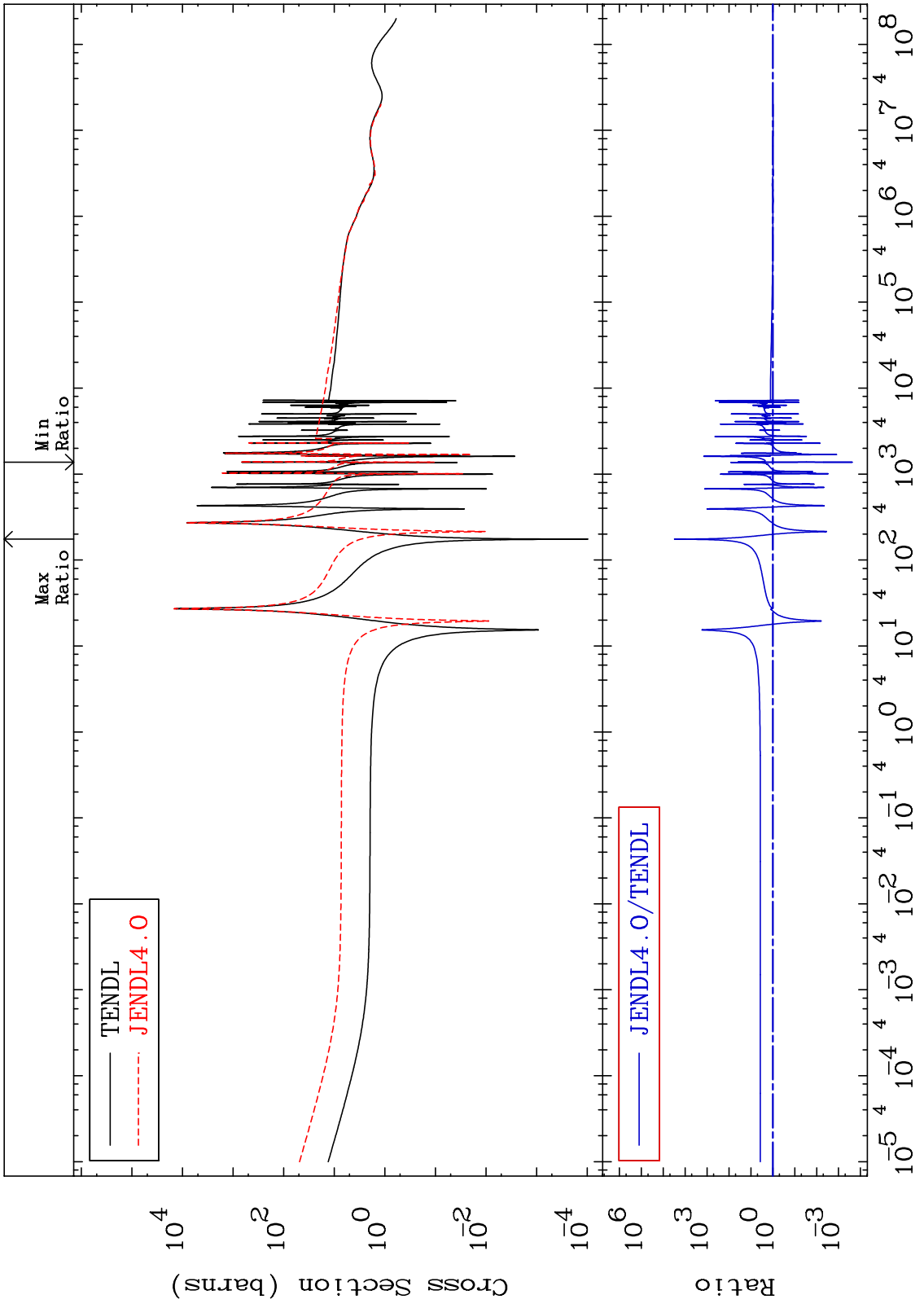


34-Se-74

MAT 3425

Elastic  
Cross Section

34-Se-74  
-99.98 To 9999. %



Incident Energy (eV)

34-Se-74

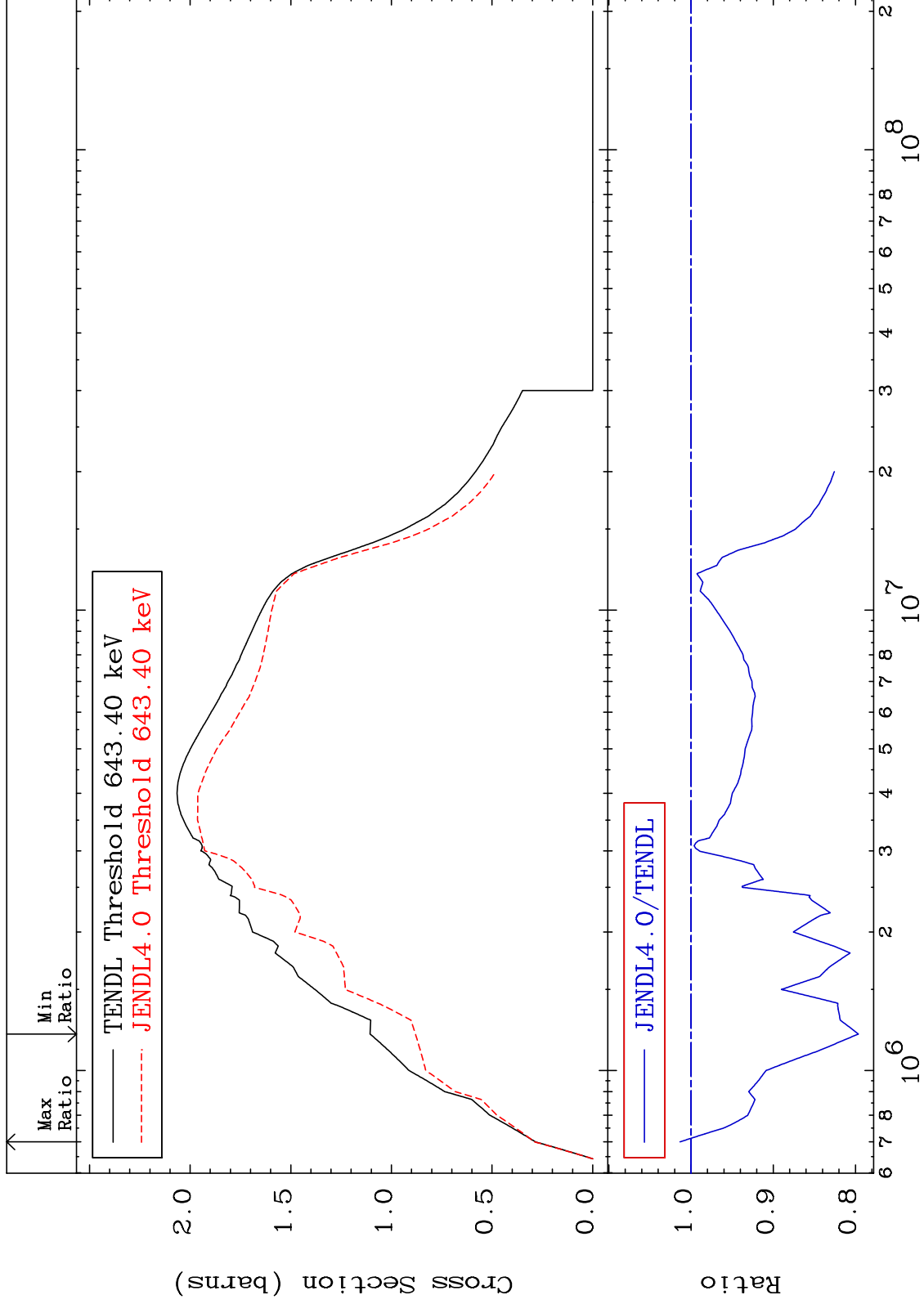
MAT 3425

Inelastic

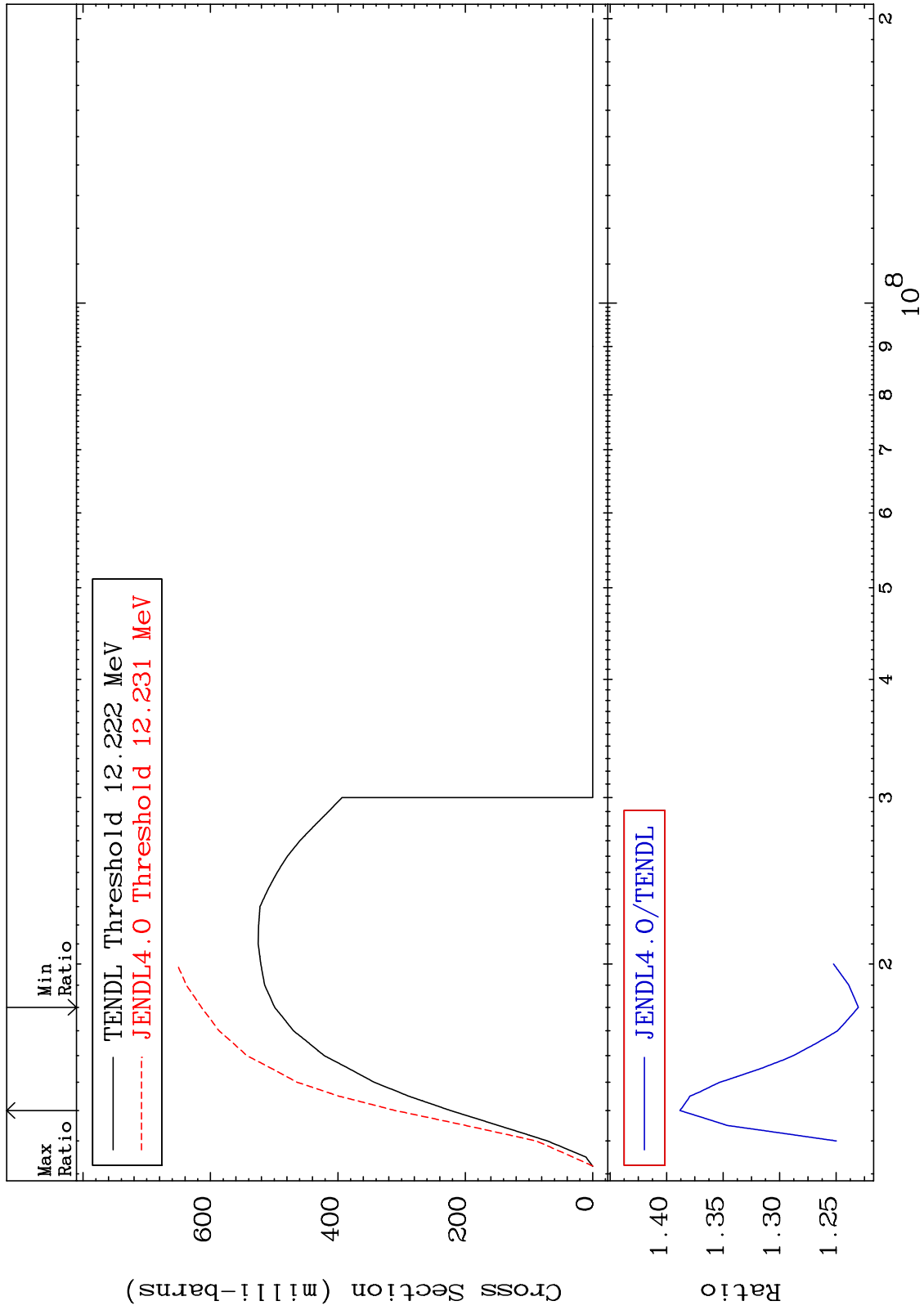
<sup>34</sup>Se-74

Cross Section

-20.36 To 1.342 %



MAT 3425 (n,2n) Cross Section 34-Se-74 To 38.81 %



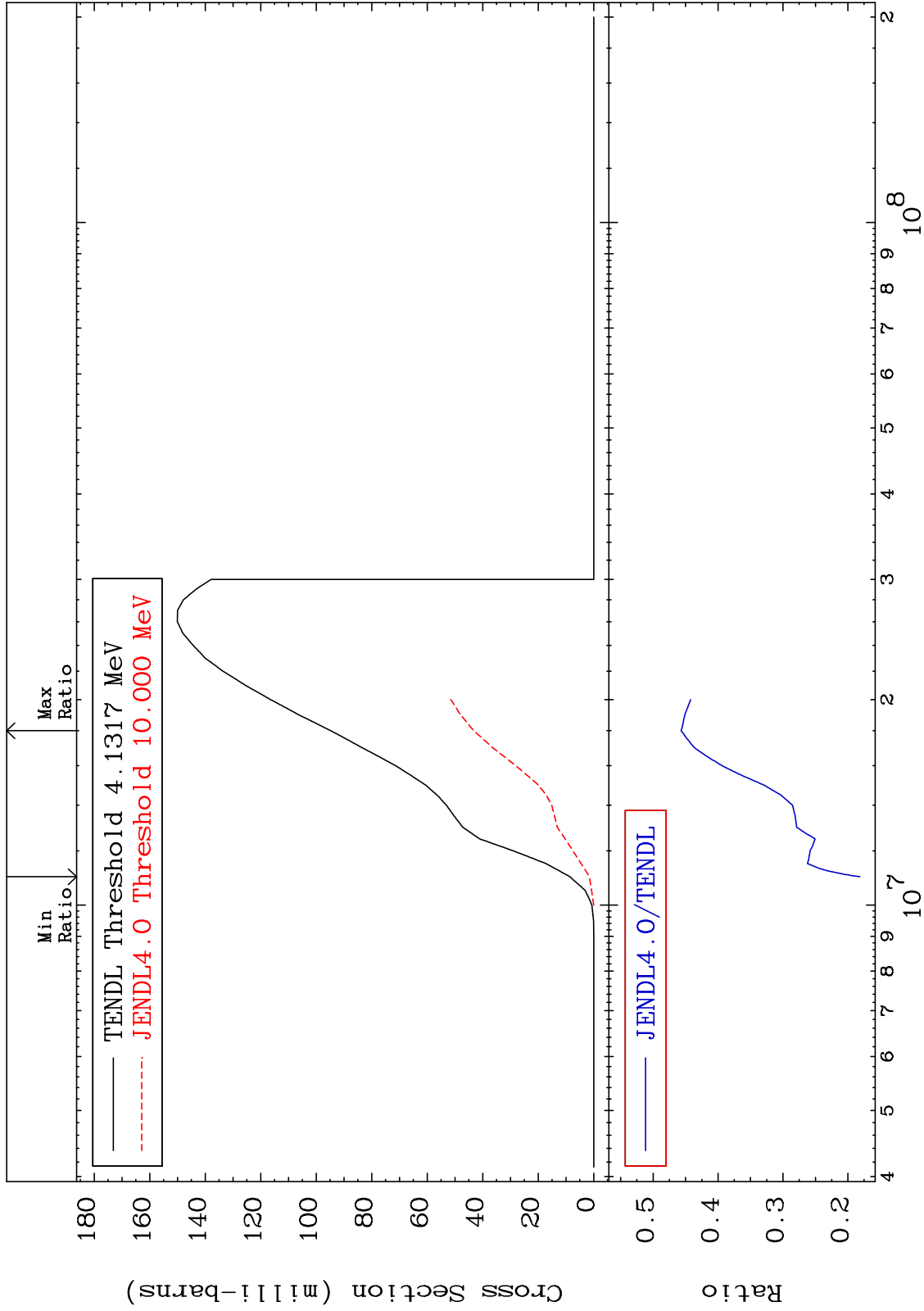
MAT 3425

(n,n')  $\alpha$

<sup>34</sup>Se-74

-81.85 To -54.33%

Cross Section



Incident Energy (eV)

<sup>34</sup>Se-74

5

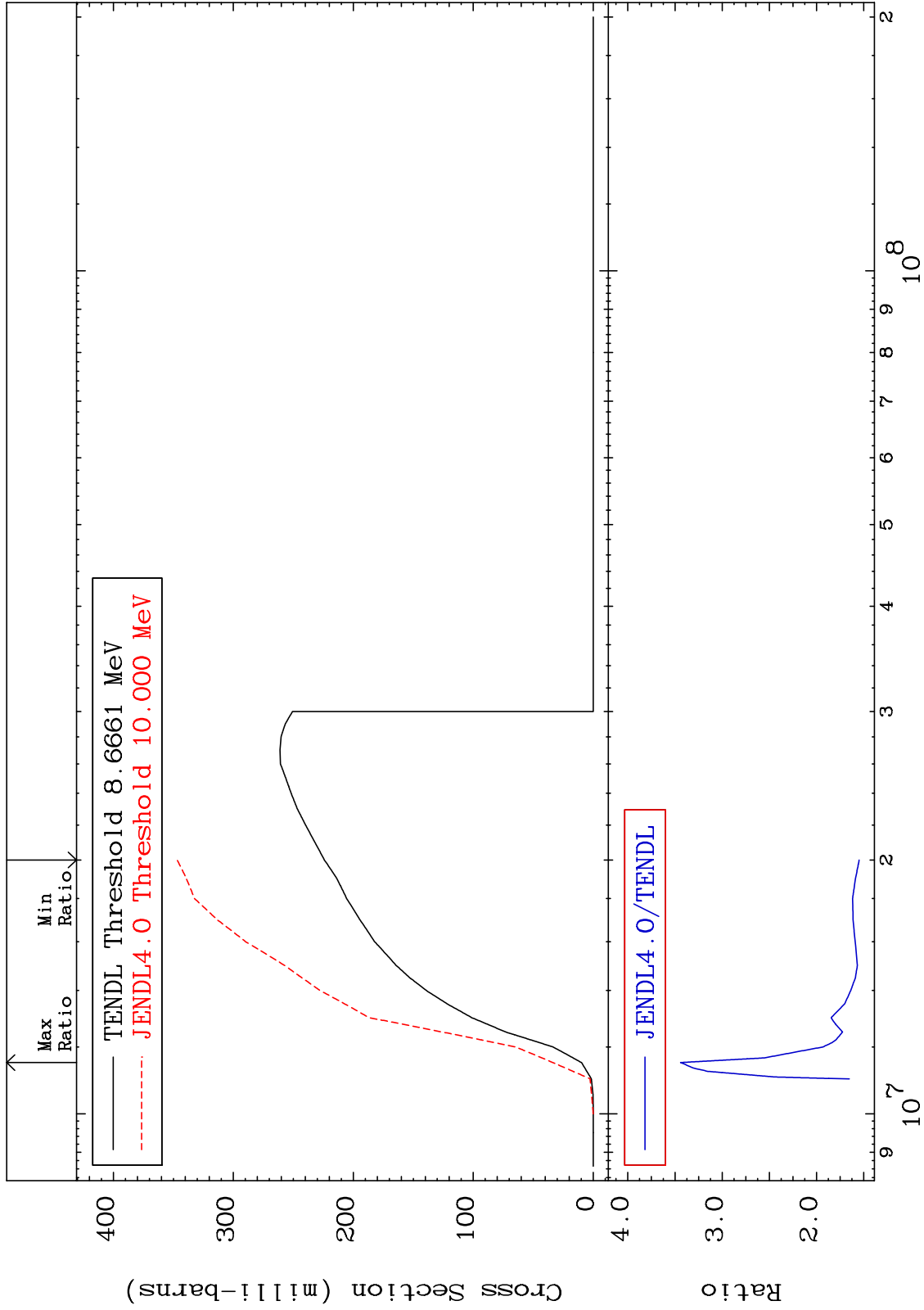
MAT 3425

(n,n') p

<sup>34</sup>Se-74

Cross Section

54.75 To 244.0 %



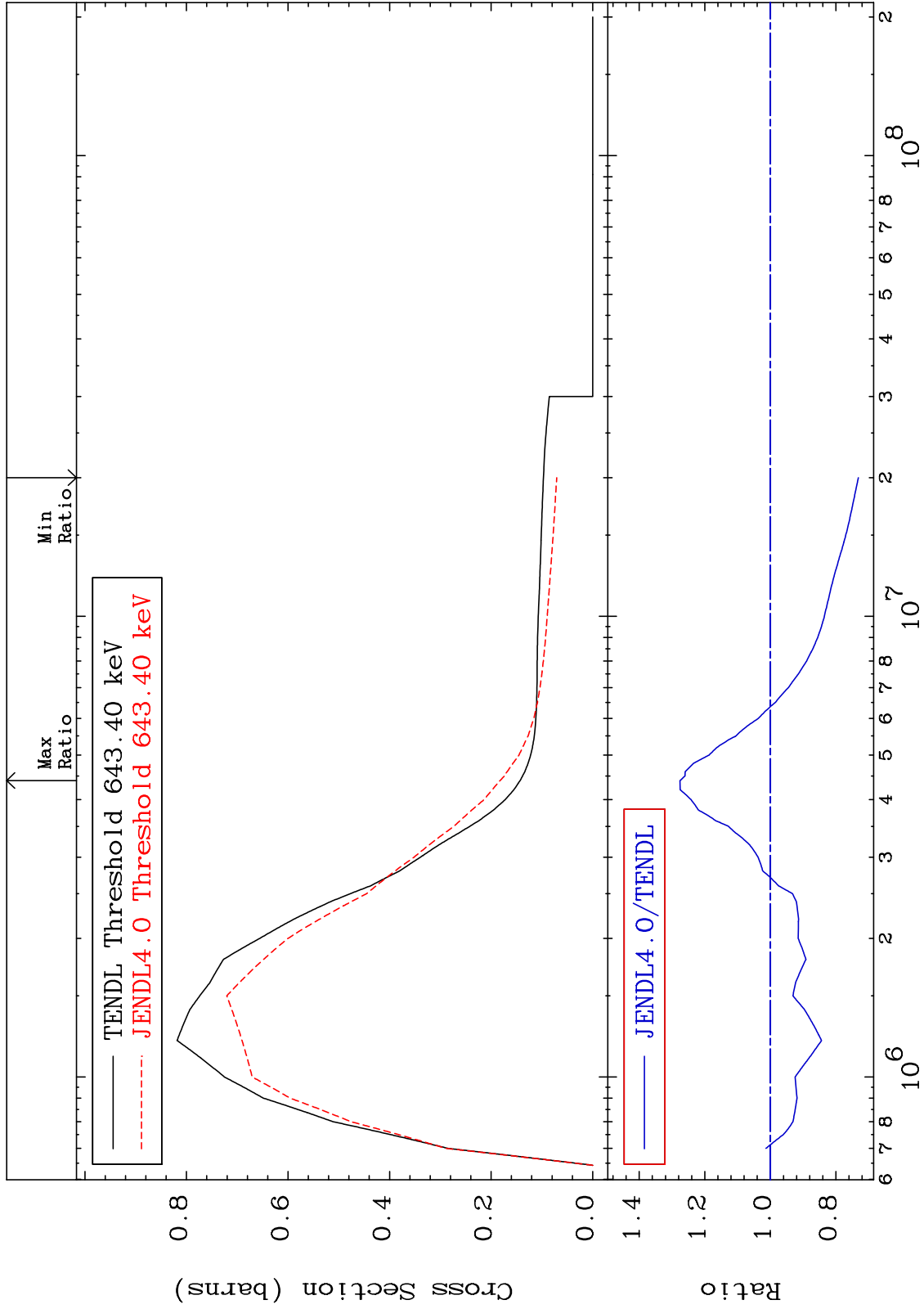
Incident Energy (eV)

<sup>34</sup>Se-74

MAT 3425

MT= 51 (n,n') Level  
Cross Section

34-Se-74  
-26.87 To 27.56 %



7

Incident Energy (eV)

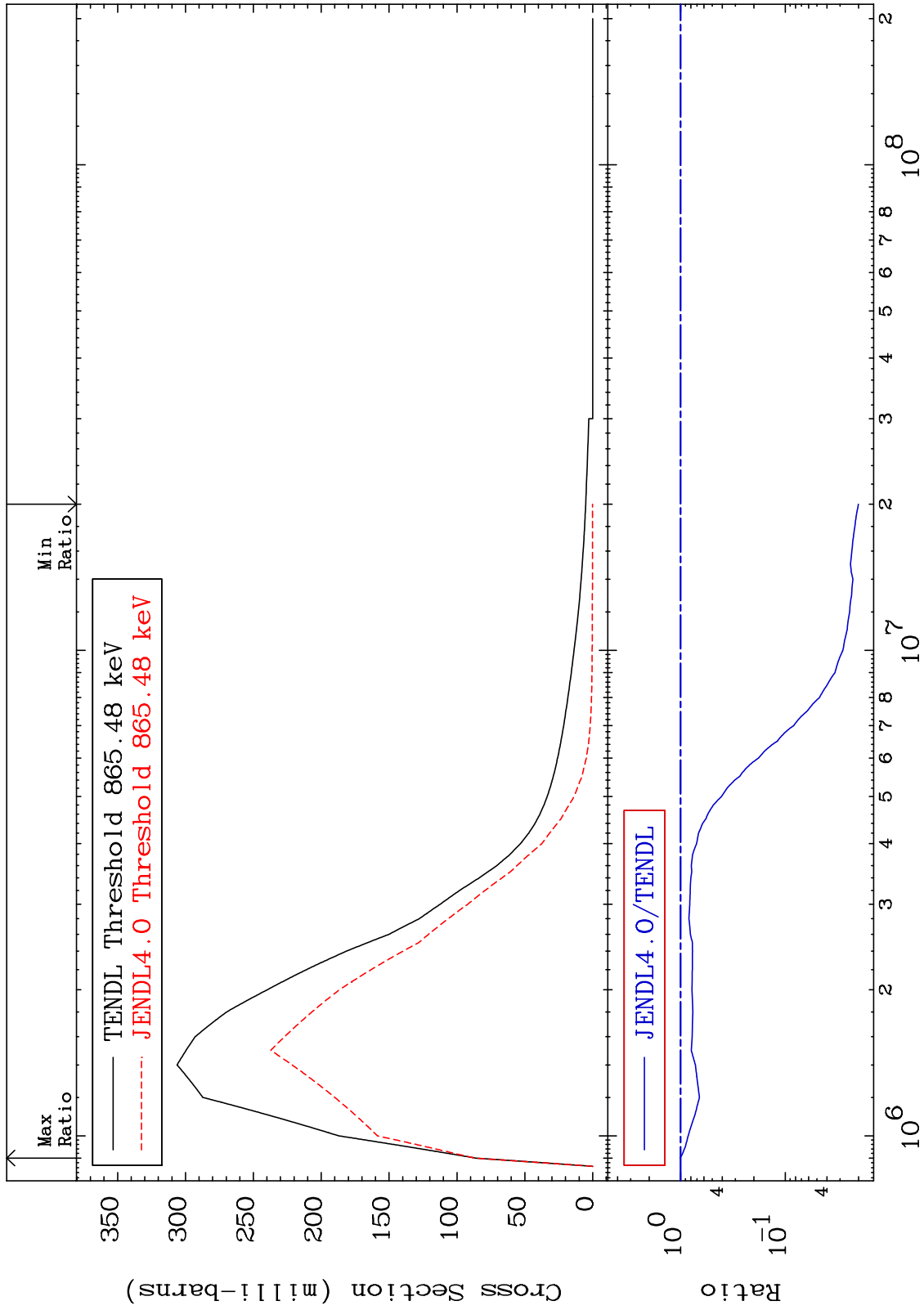
34-Se-74



MAT 3425

MT= 52 (n,n') Level  
Cross Section

34-Se-74  
-98.00 To 1.382 %



8

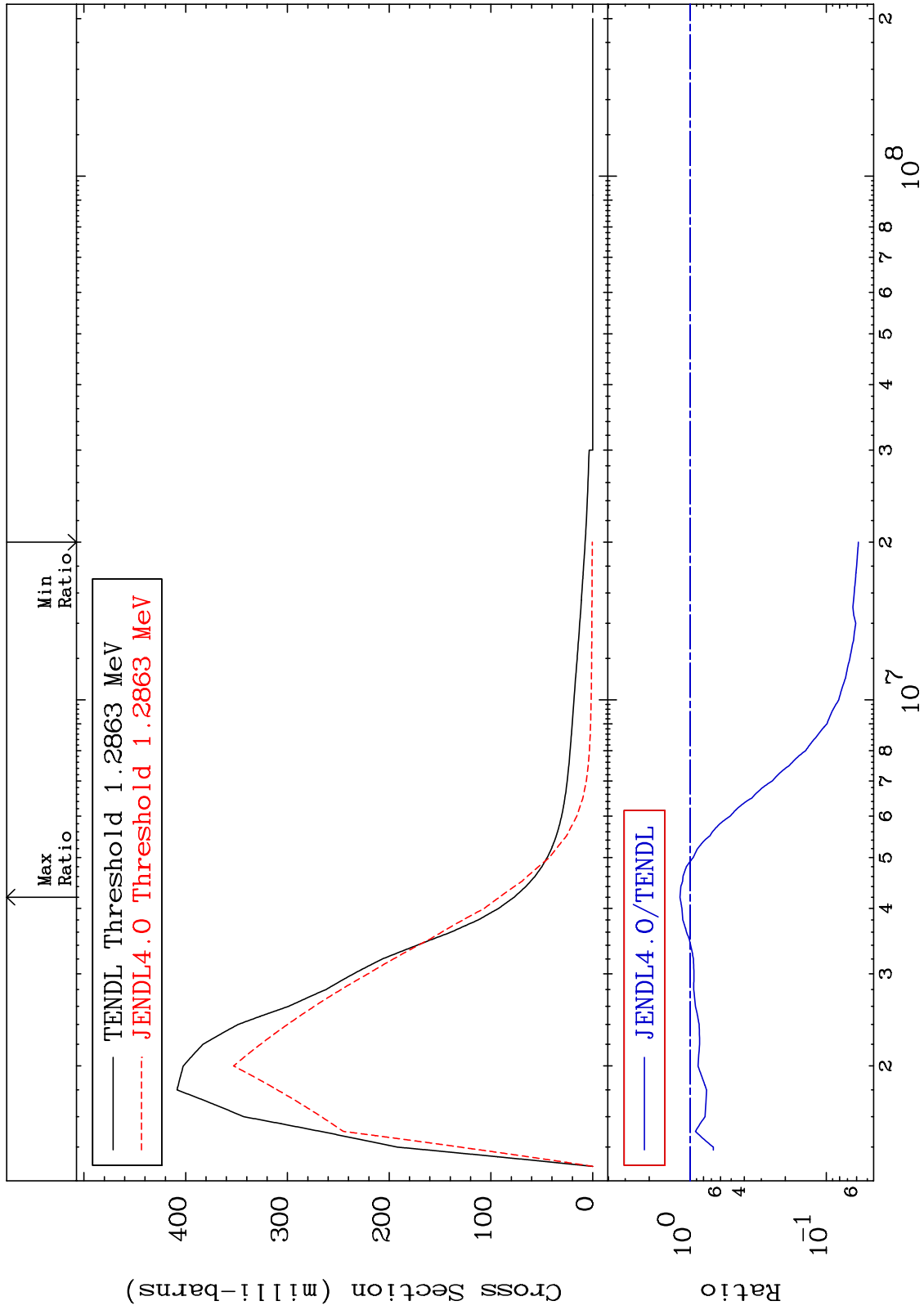
34-Se-74

34-Se-74

MAT 3425

MT= 53 (n, n') Level  
Cross Section

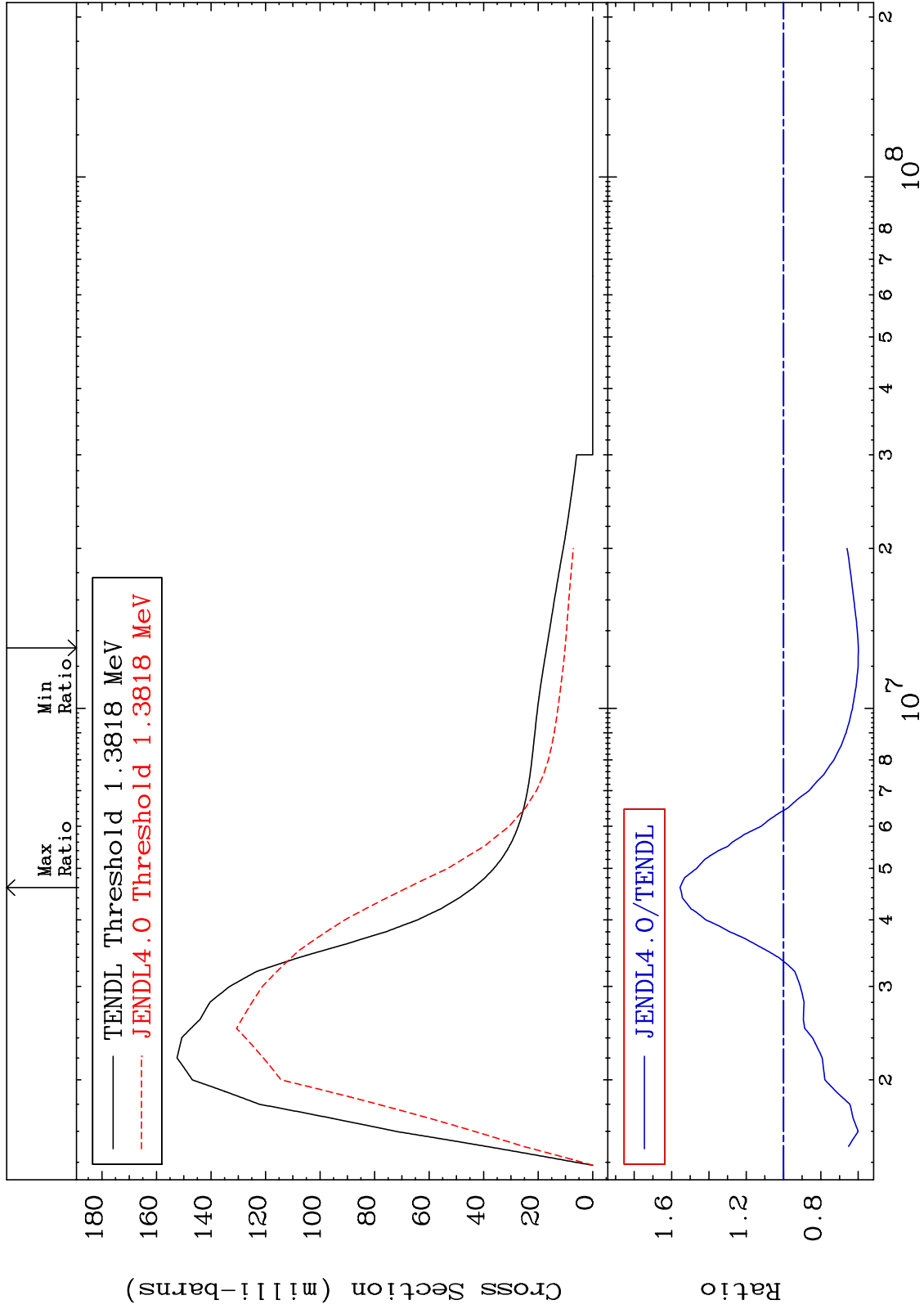
34-Se-74  
-94.19 To 18.88 %



MAT 3425

MT= 54 (n, n') Level  
Cross Section

34-Se-74  
-40.12 To 55.46 %



10

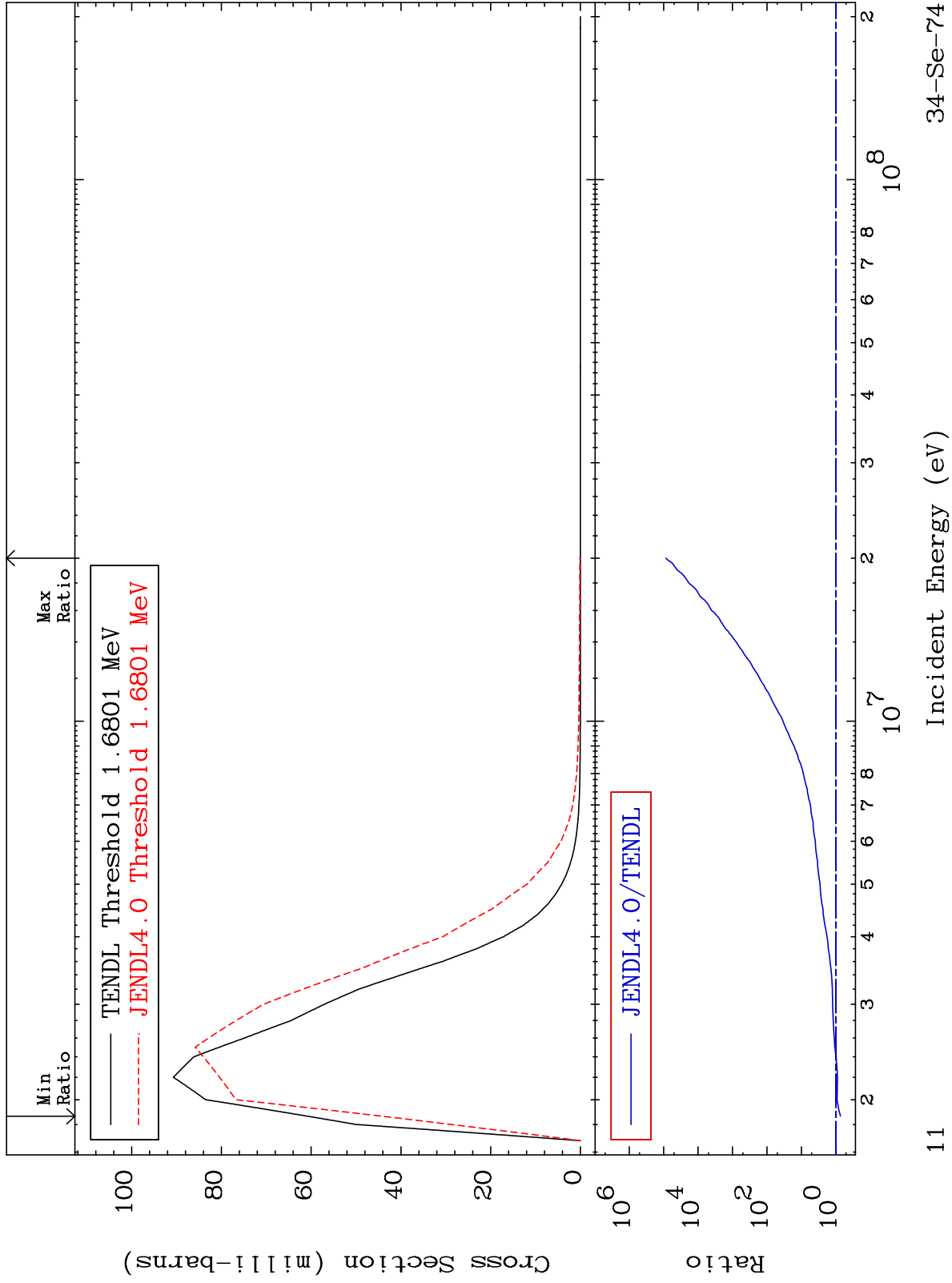
Incident Energy (eV)

34-Se-74

MAT 3425

MT= 55 (n,n') Level  
Cross Section

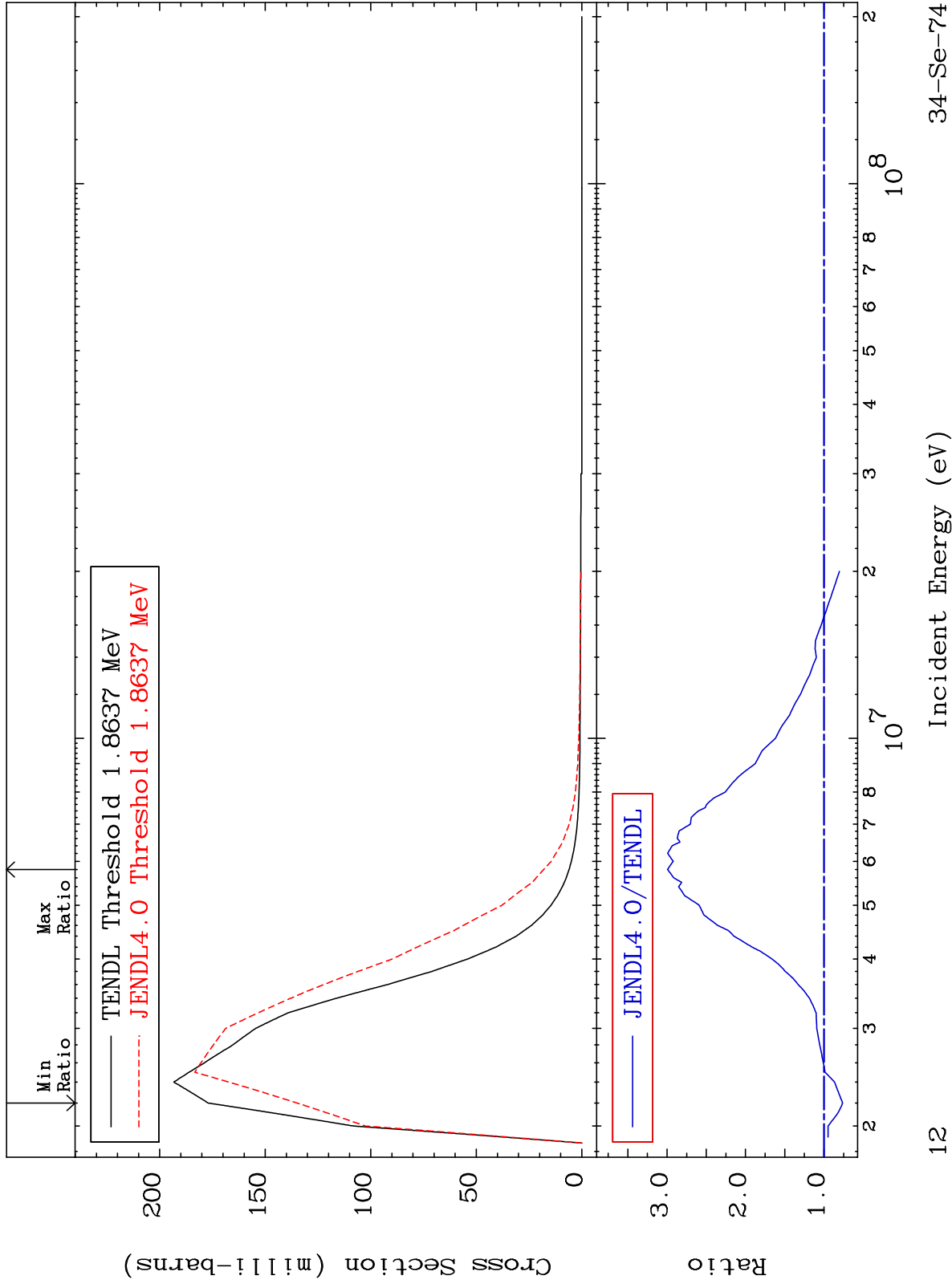
34-Se-74  
-27.37 To 9999. %



MAT 3425

MT= 56 (n,n') Level  
Cross Section

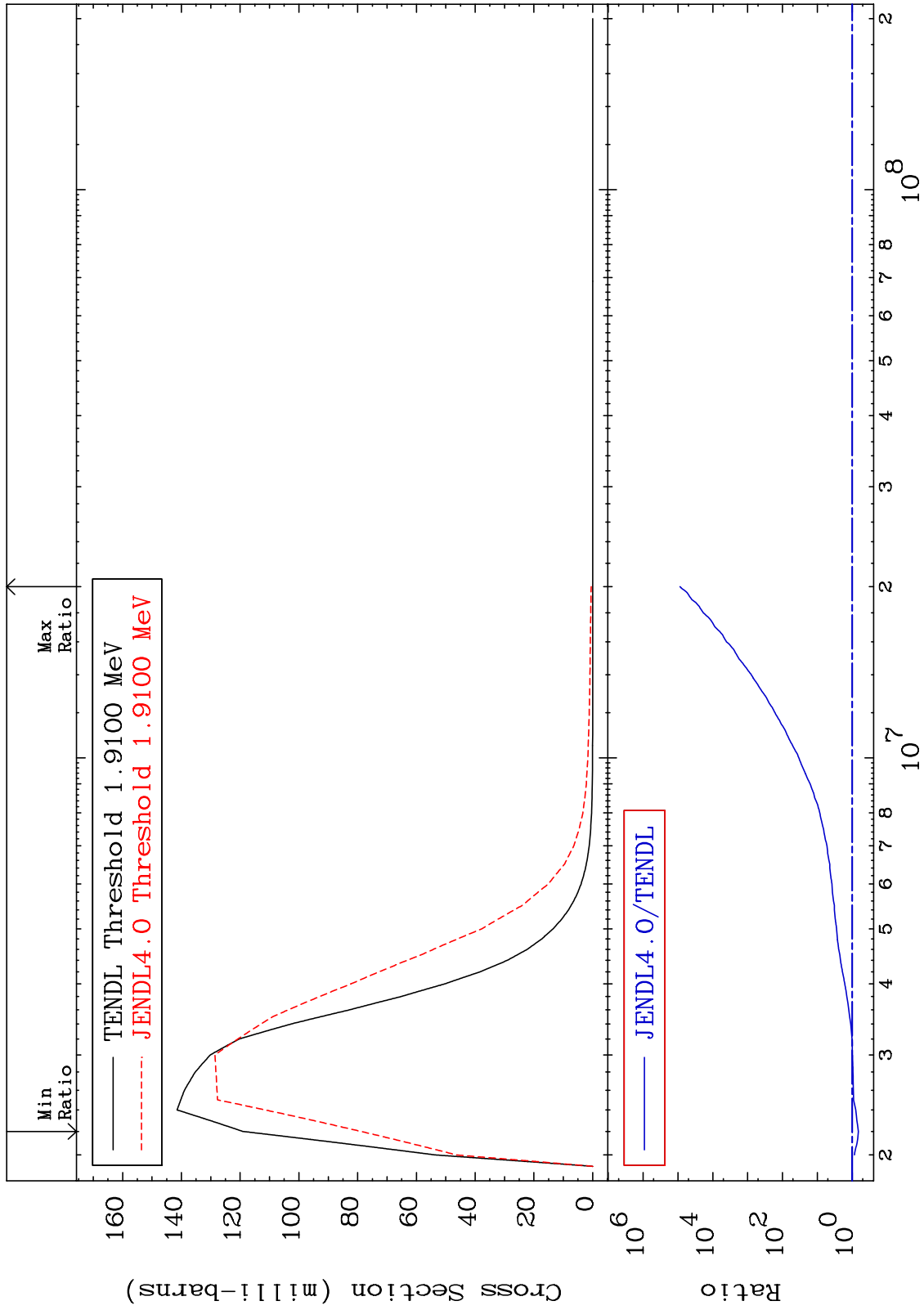
34-Se-74  
-23.79 To 199.4 %



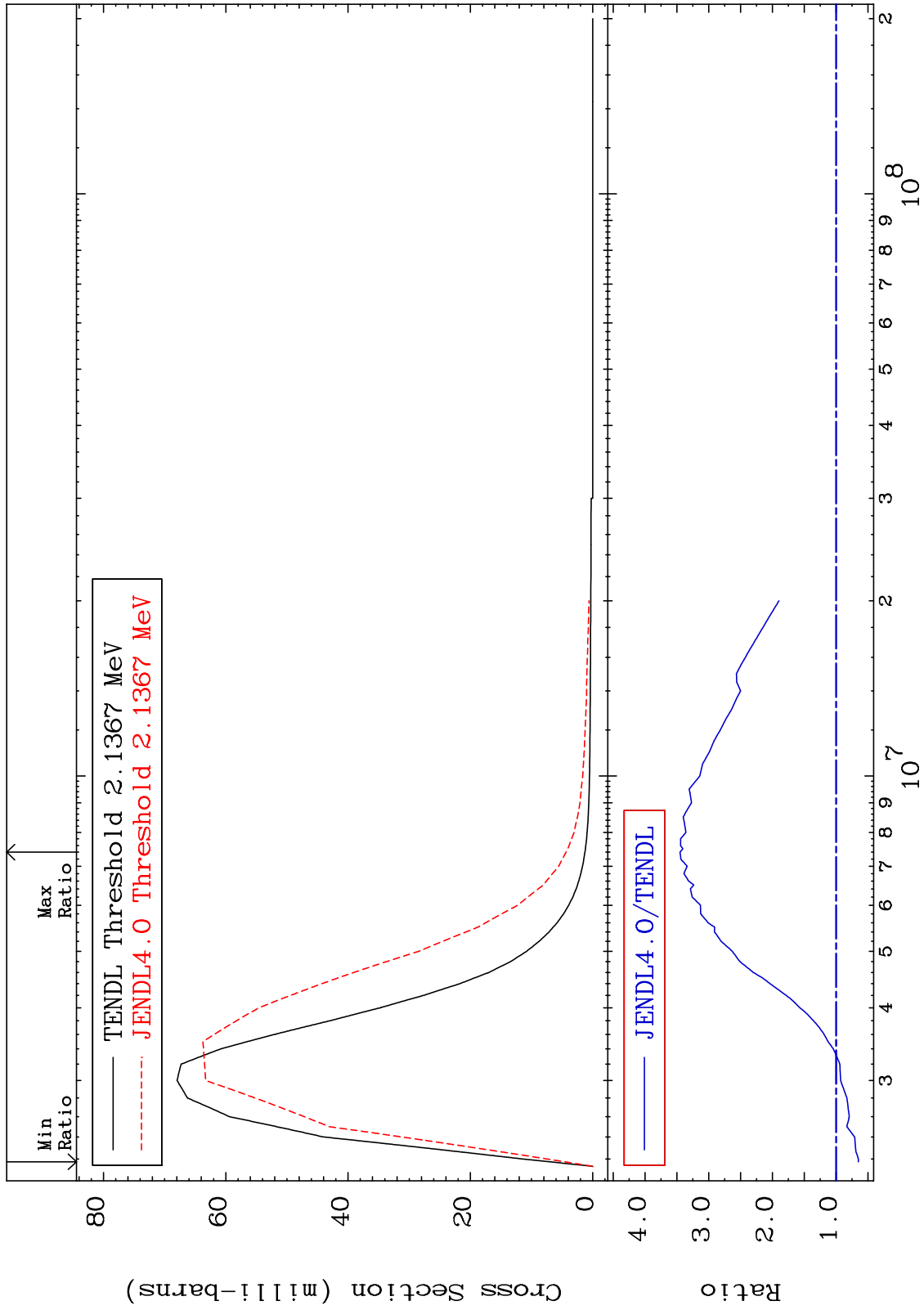
MAT 3425

MT= 57 (n,n') Level  
Cross Section

34-Se-74  
-33.76 To 9999. %



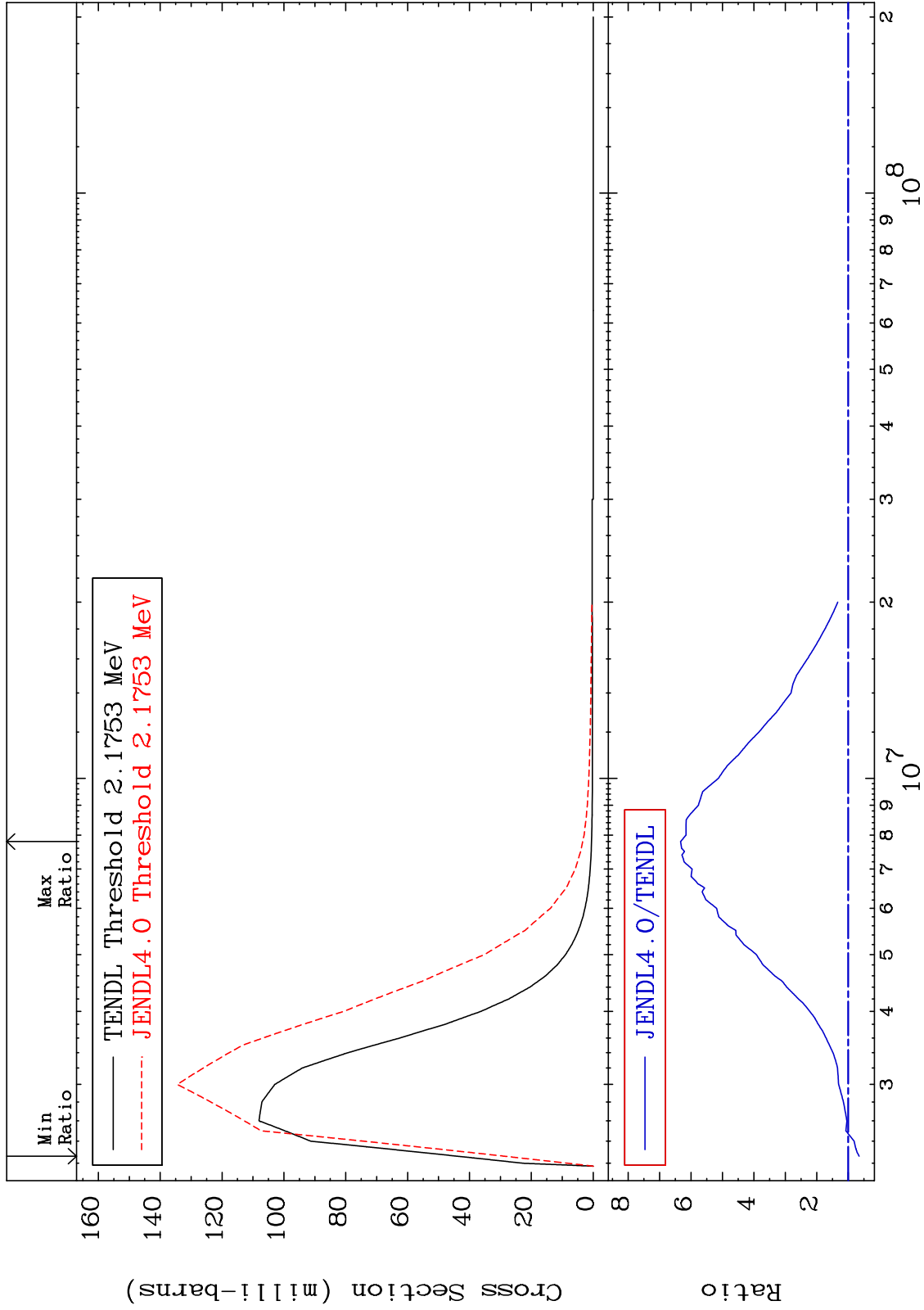
MAT 3425 MT= 58 (n,n') Level Cross Section 34-Se-74  
 -34.85 To 245.2 %



MAT 3425

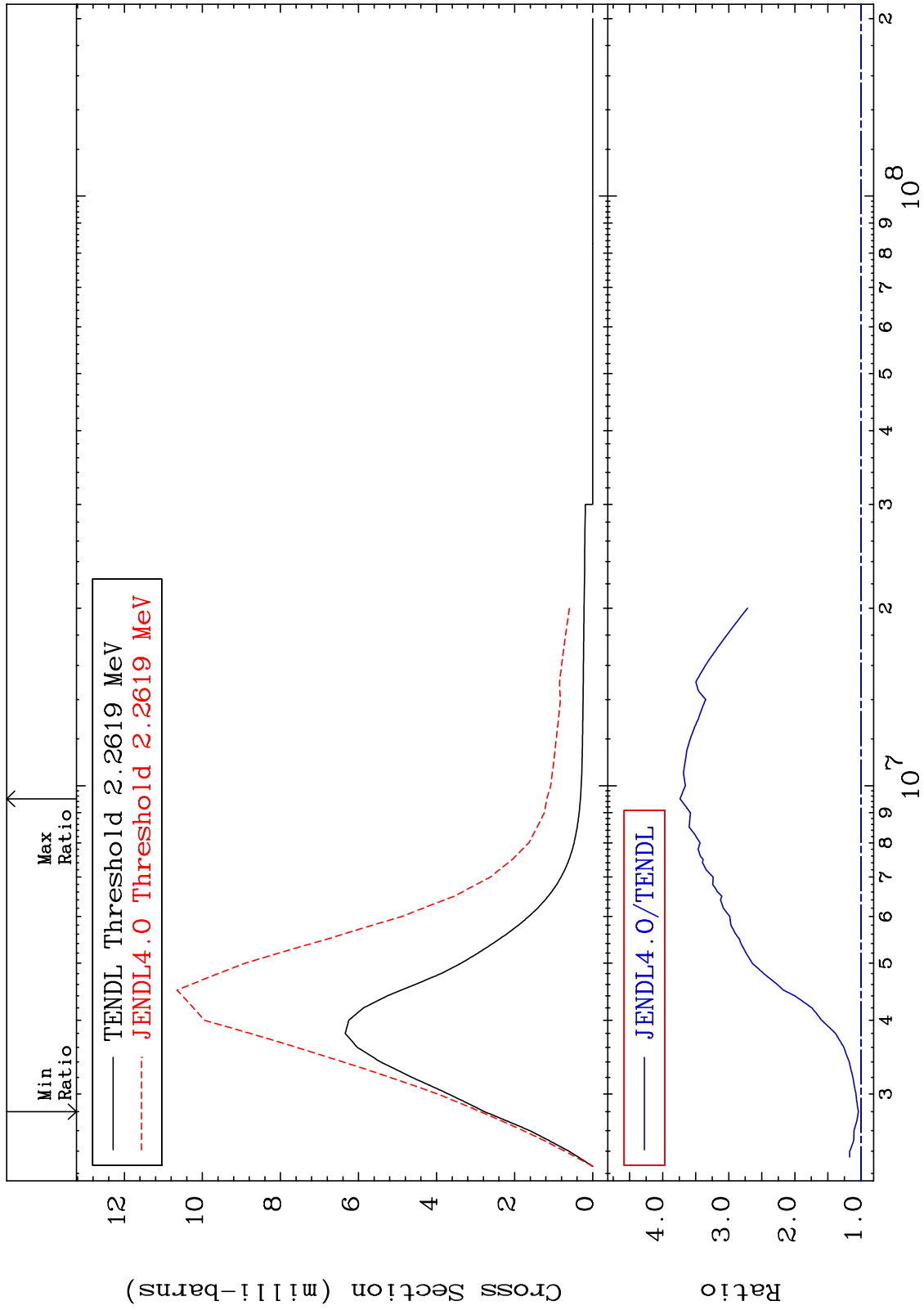
MT= 59 (n,n') Level  
Cross Section

34-Se-74  
-34.70 To 533.3 %





MAT 3425 MT= 60 (n,n') Level Cross Section 34-Se-74 3.740 To 273.7 %



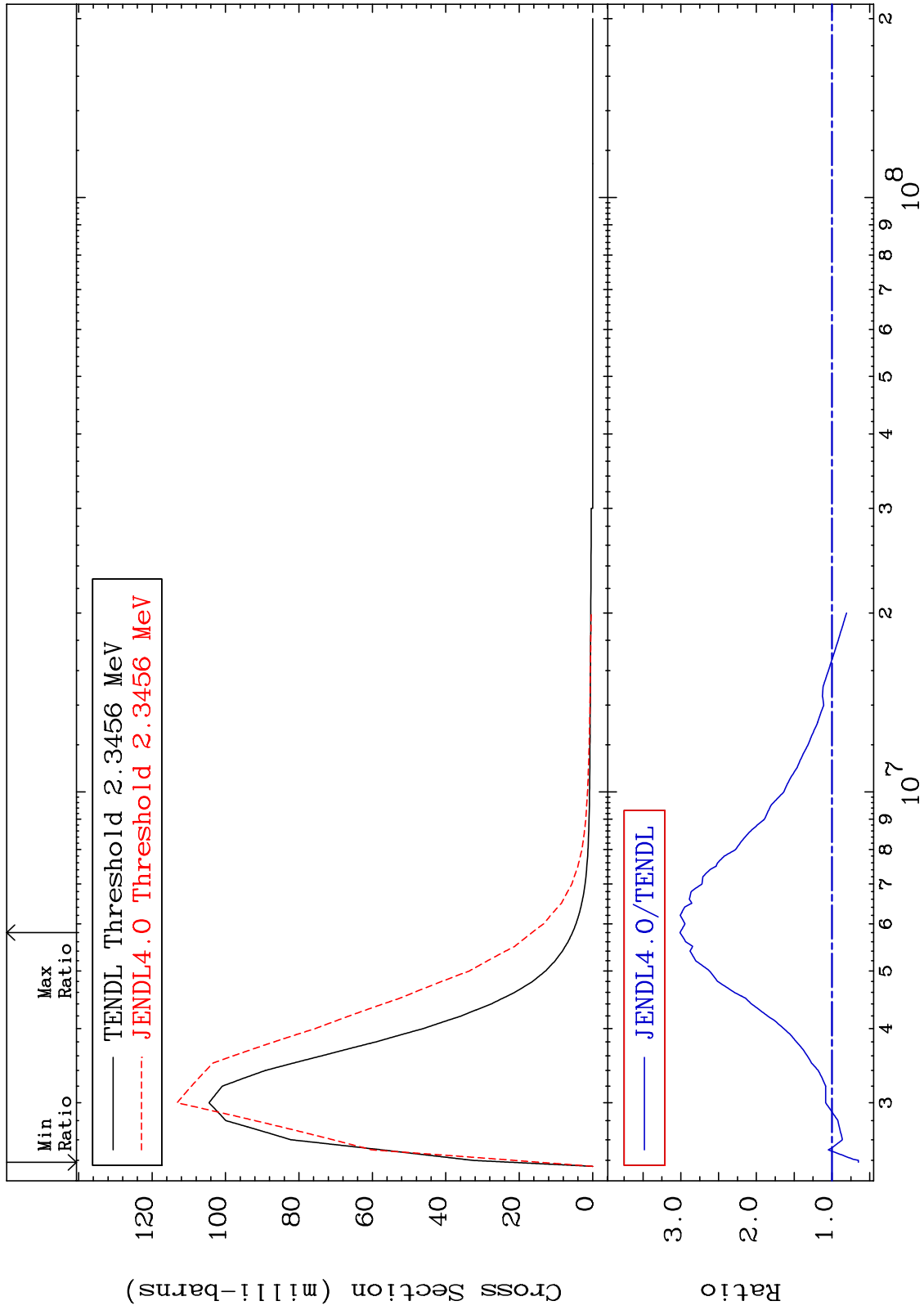
34-Se-74

Incident Energy (eV)

MAT 3425

MT= 61 (n,n') Level  
Cross Section

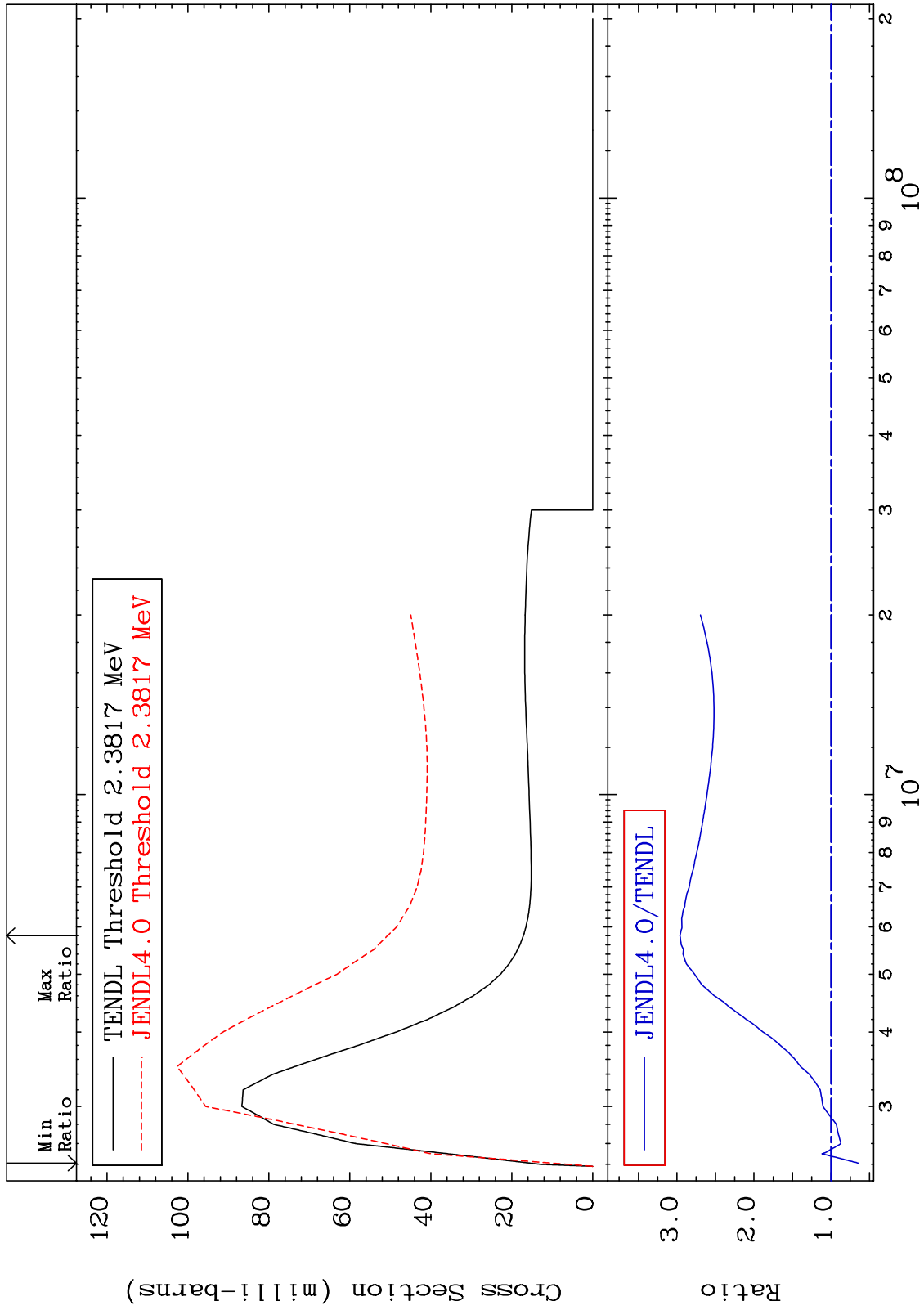
34-Se-74  
-35.01 To 201.1 %



MAT 3425

MT= 62 (n,n') Level  
Cross Section

34-Se-74  
-35.57 To 196.0 %



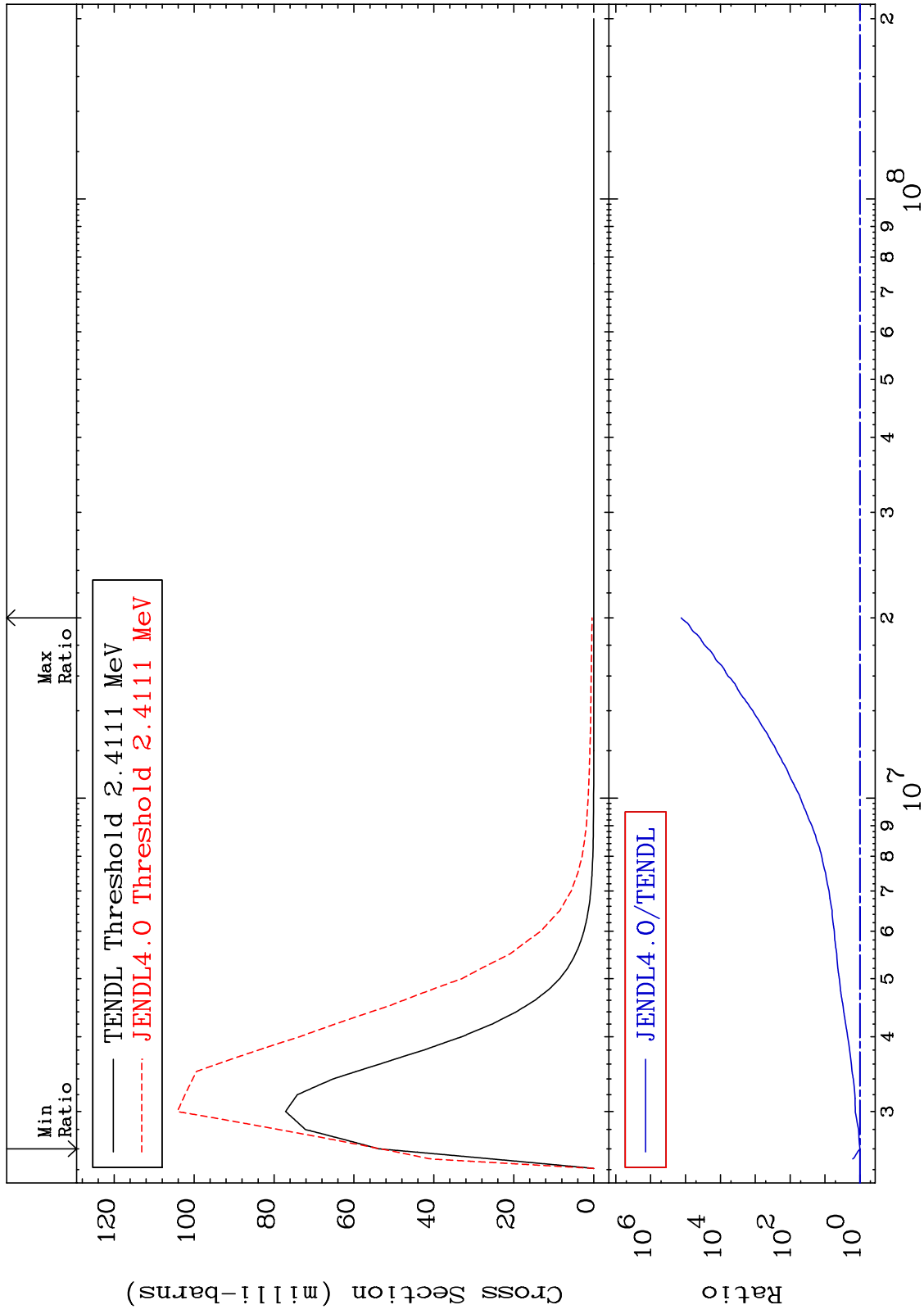
34-Se-74

Incident Energy (eV)

MAT 3425

MT= 63 (n,n') Level  
Cross Section

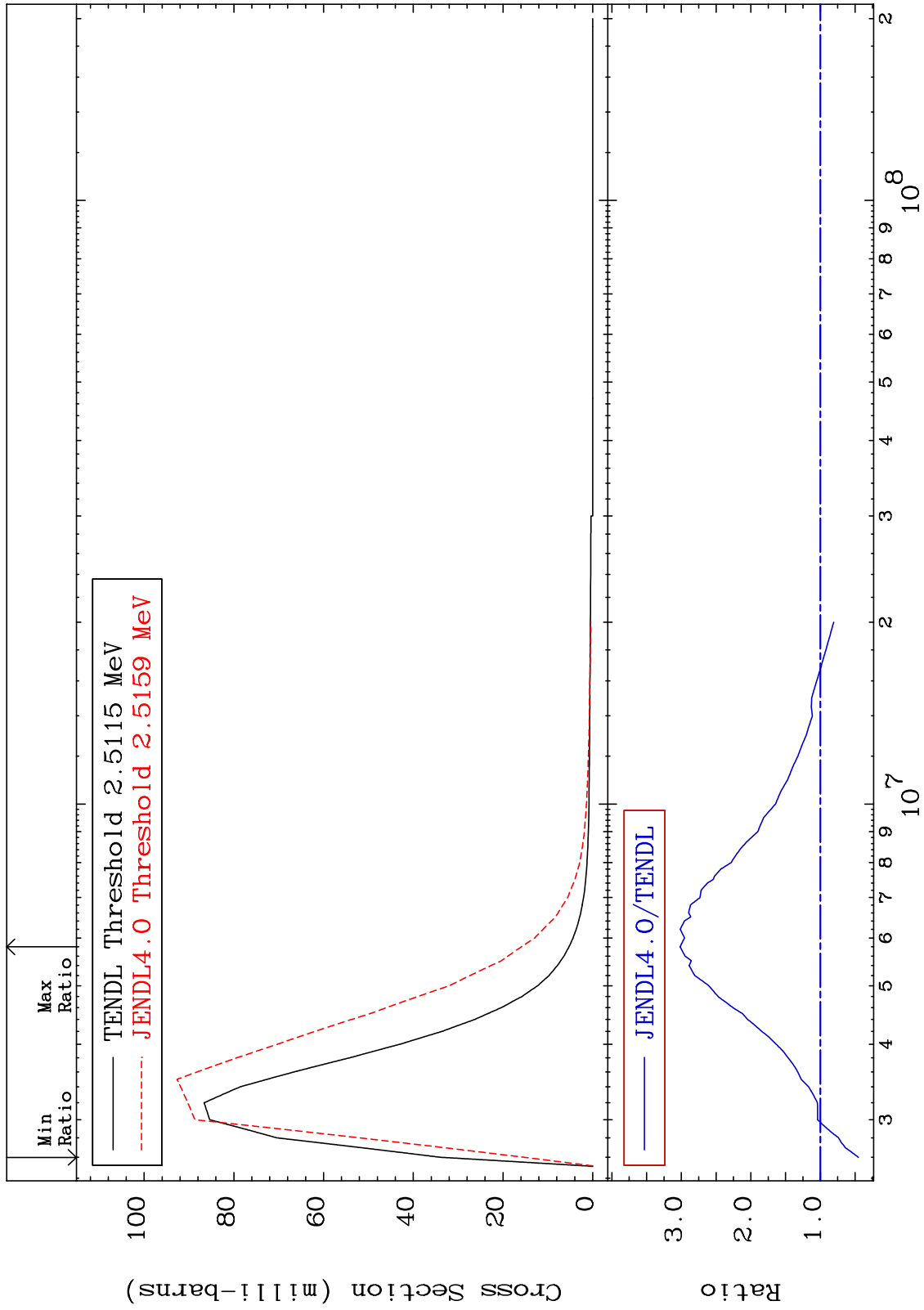
34-Se-74  
-0.785 To 9999. %



MAT 3425

MT= 64 (n,n') Level  
Cross Section

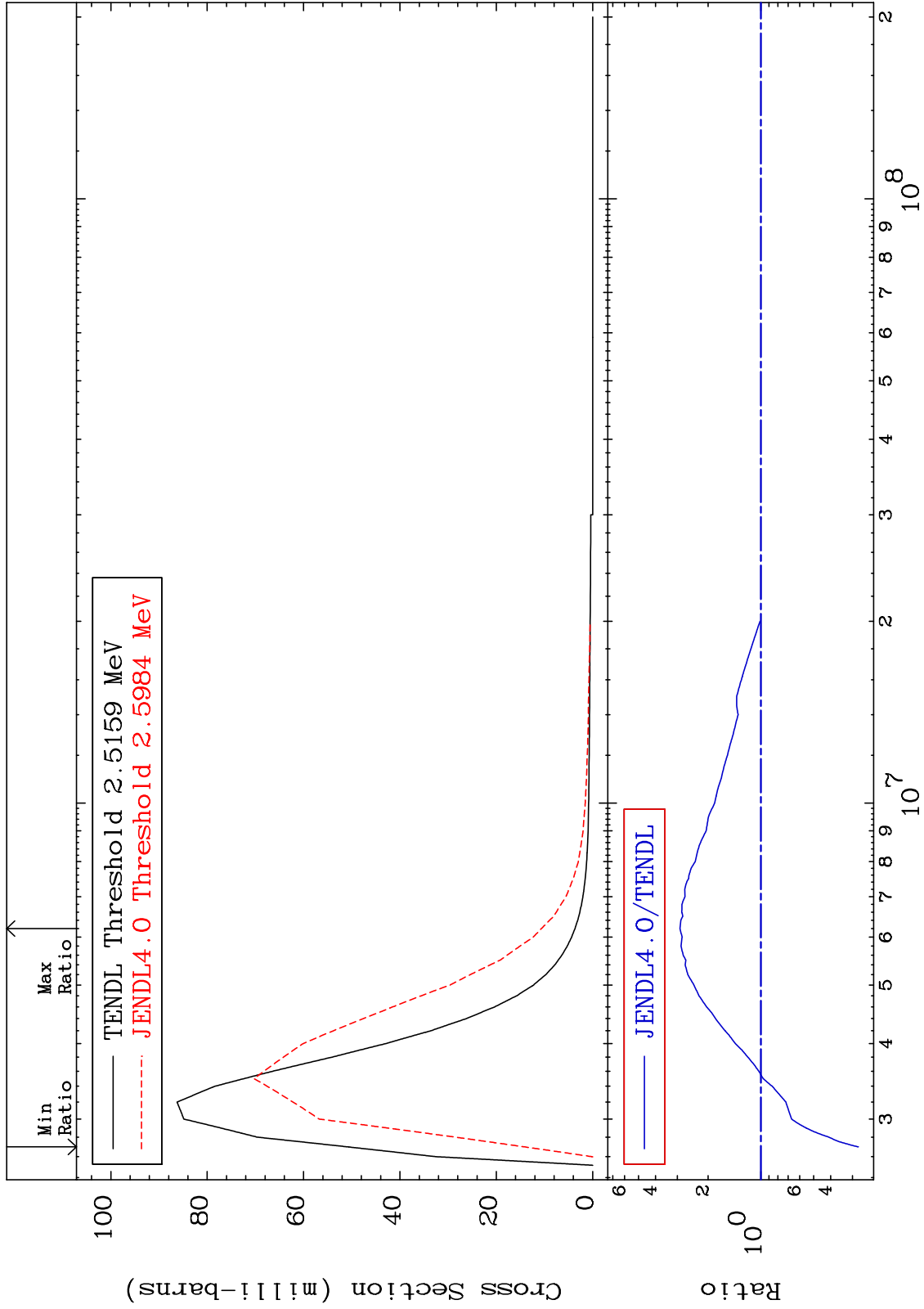
34-Se-74  
-54.74 To 201.9 %



MAT 3425

MT= 65 (n,n') Level  
Cross Section

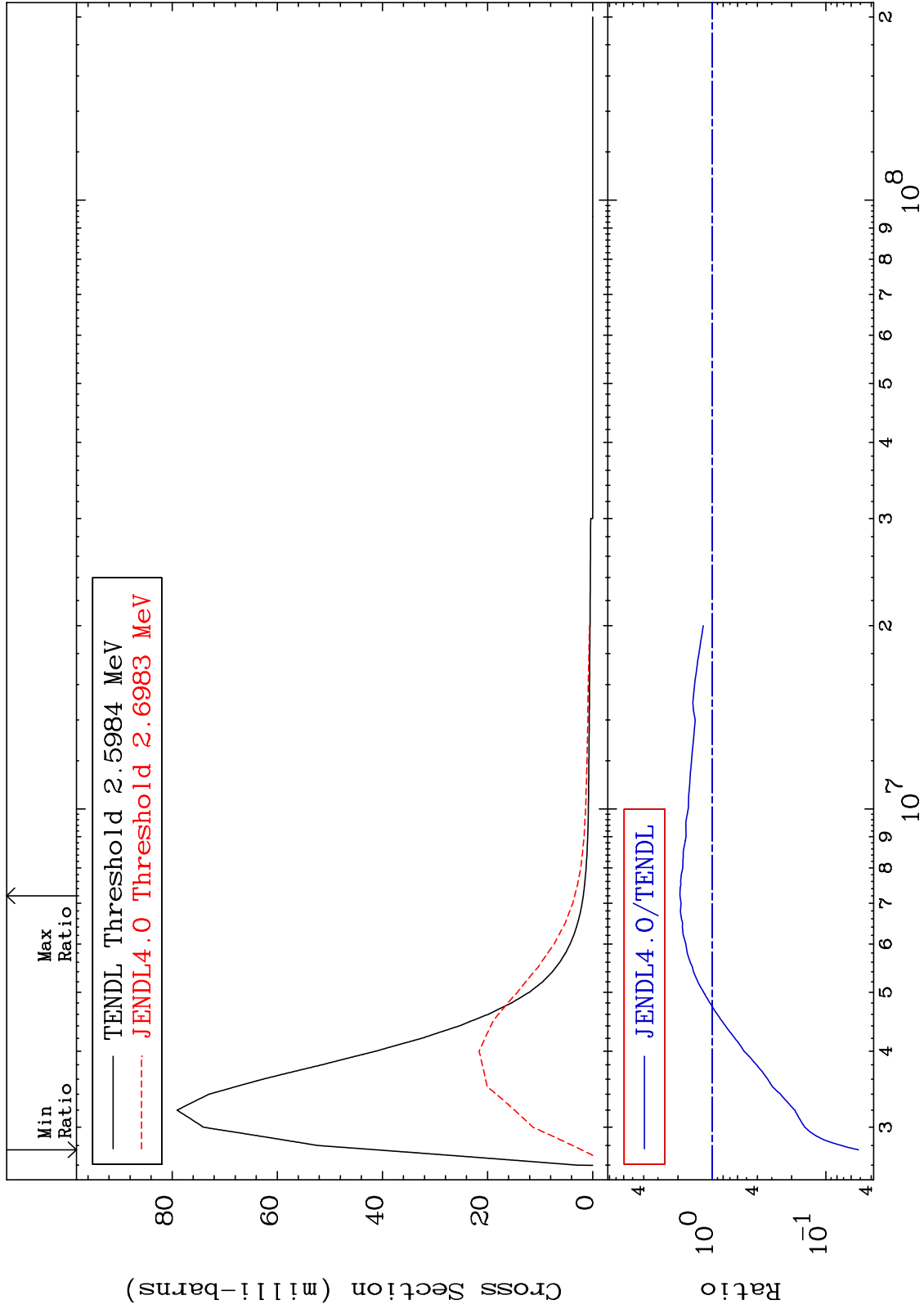
34-Se-74  
-72.23 To 189.6 %



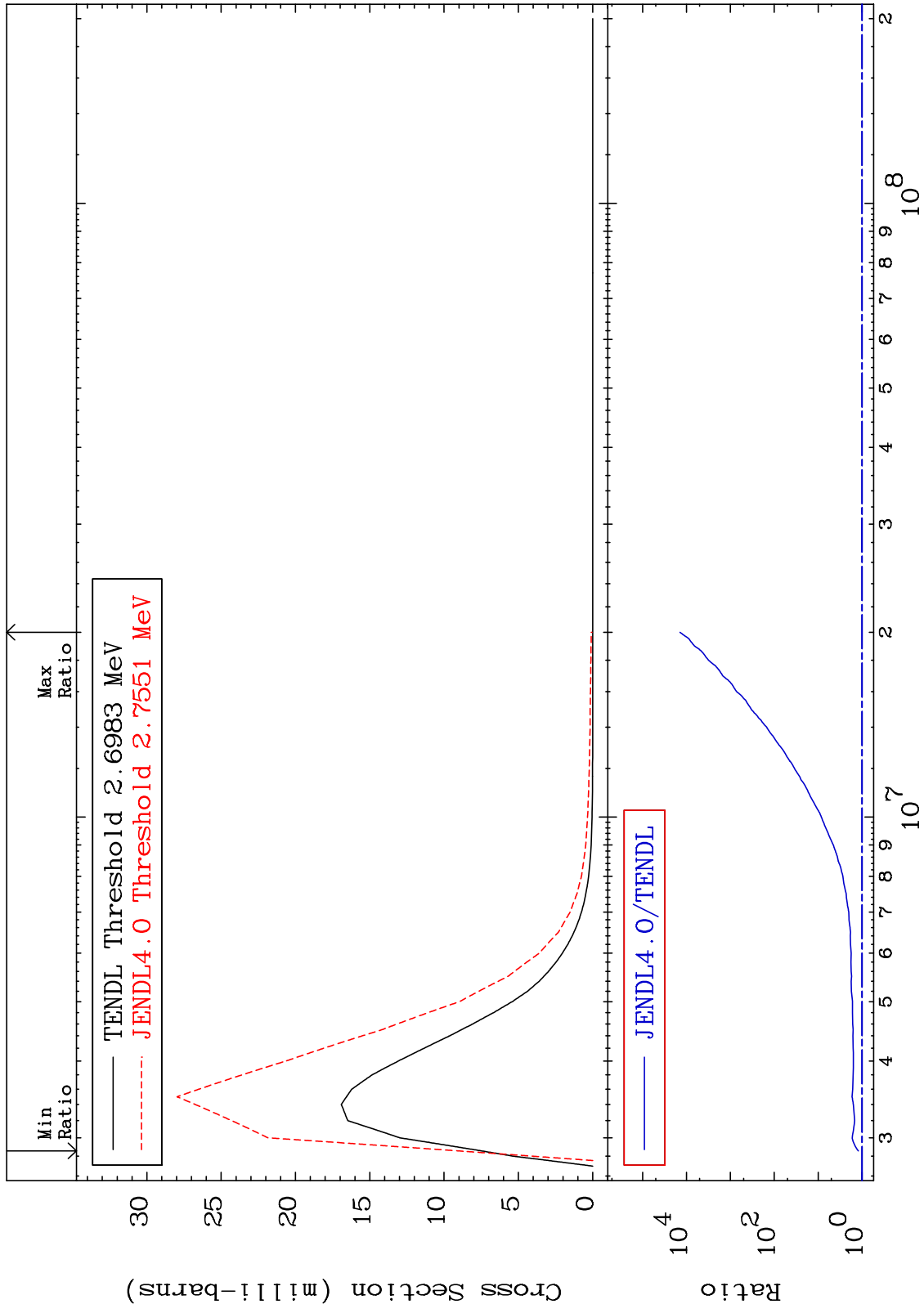
MAT 3425

MT= 66 (n,n') Level  
Cross Section

34-Se-74  
-94.81 To 91.71 %



MAT 3425 MT= 67 (n,n') Level Cross Section 34-Se-74 21.21 To 9999. %

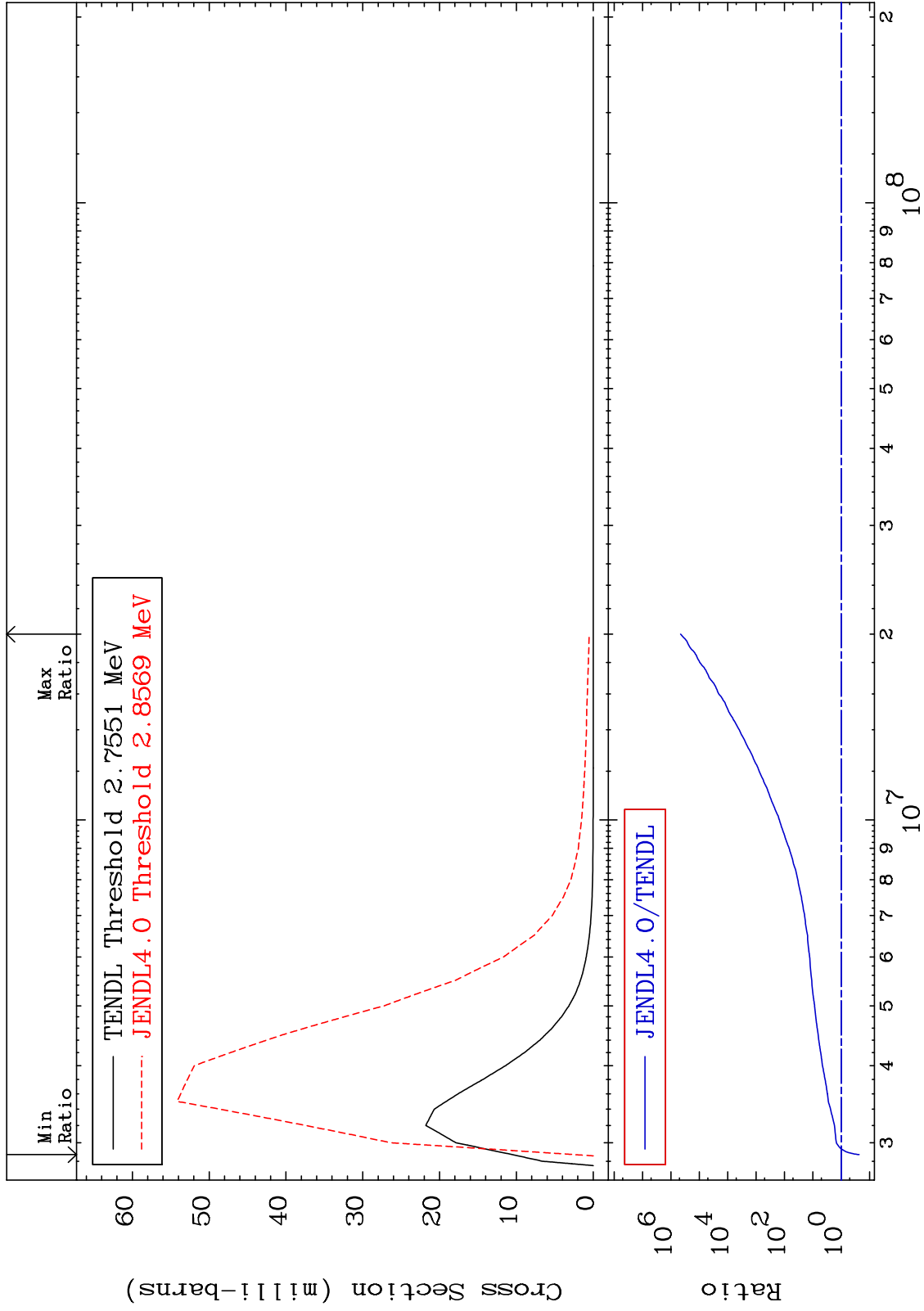




MAT 3425

MT= 68 (n,n') Level  
Cross Section

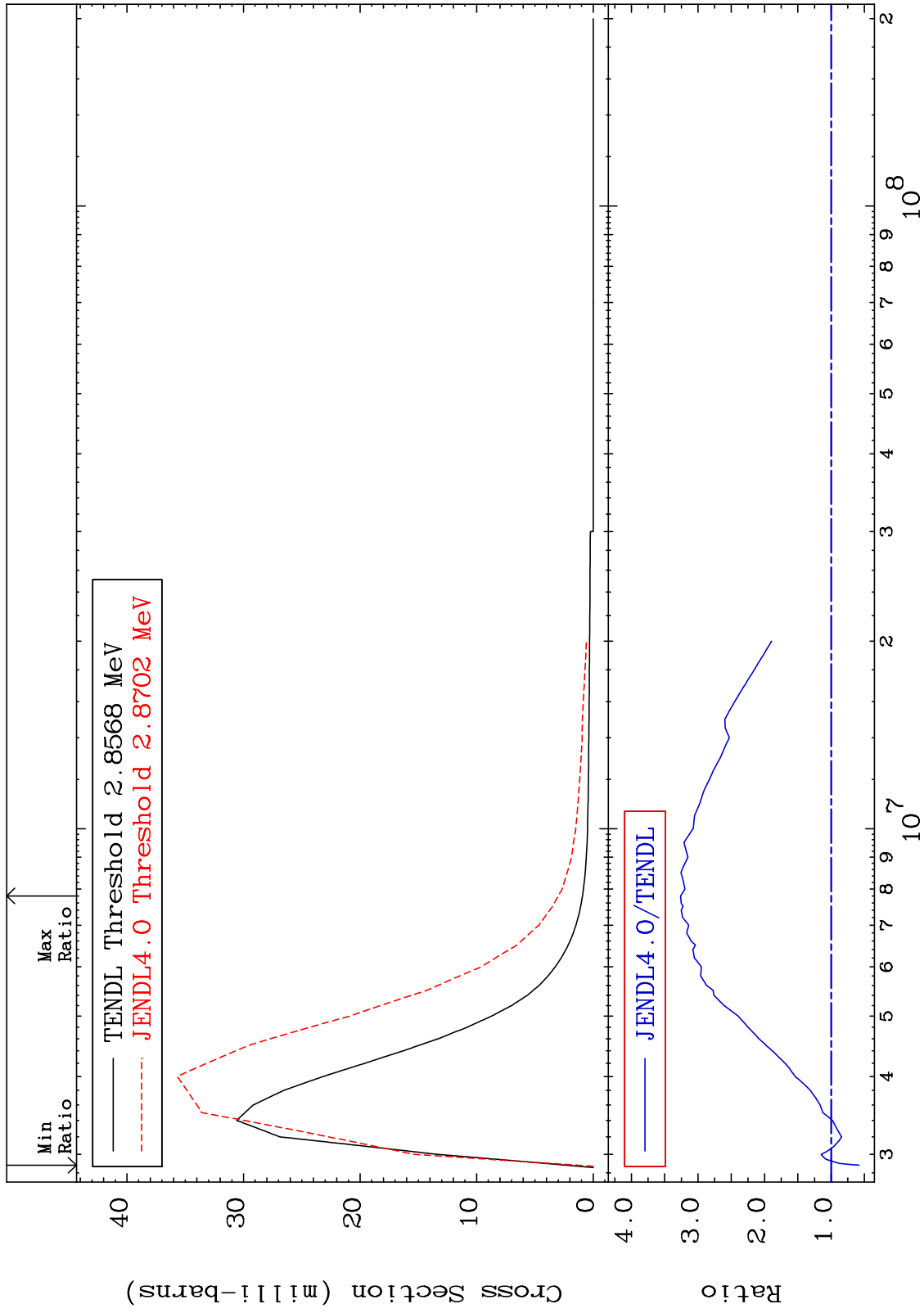
34-Se-74  
-76.88 To 9999. %



MAT 3425

MT= 69 (n,n') Level  
Cross Section

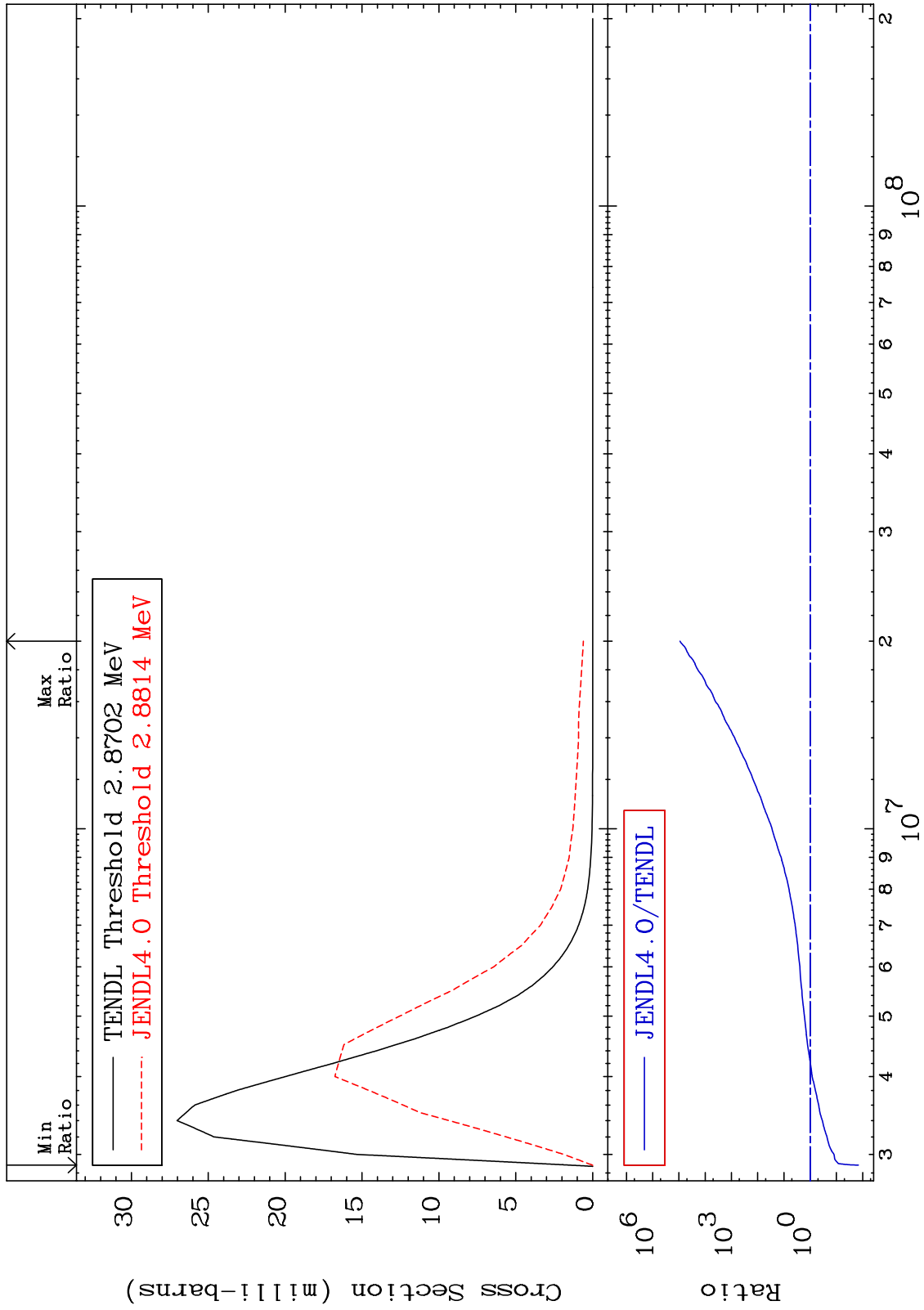
34-Se-74  
-42.09 To 226.1 %



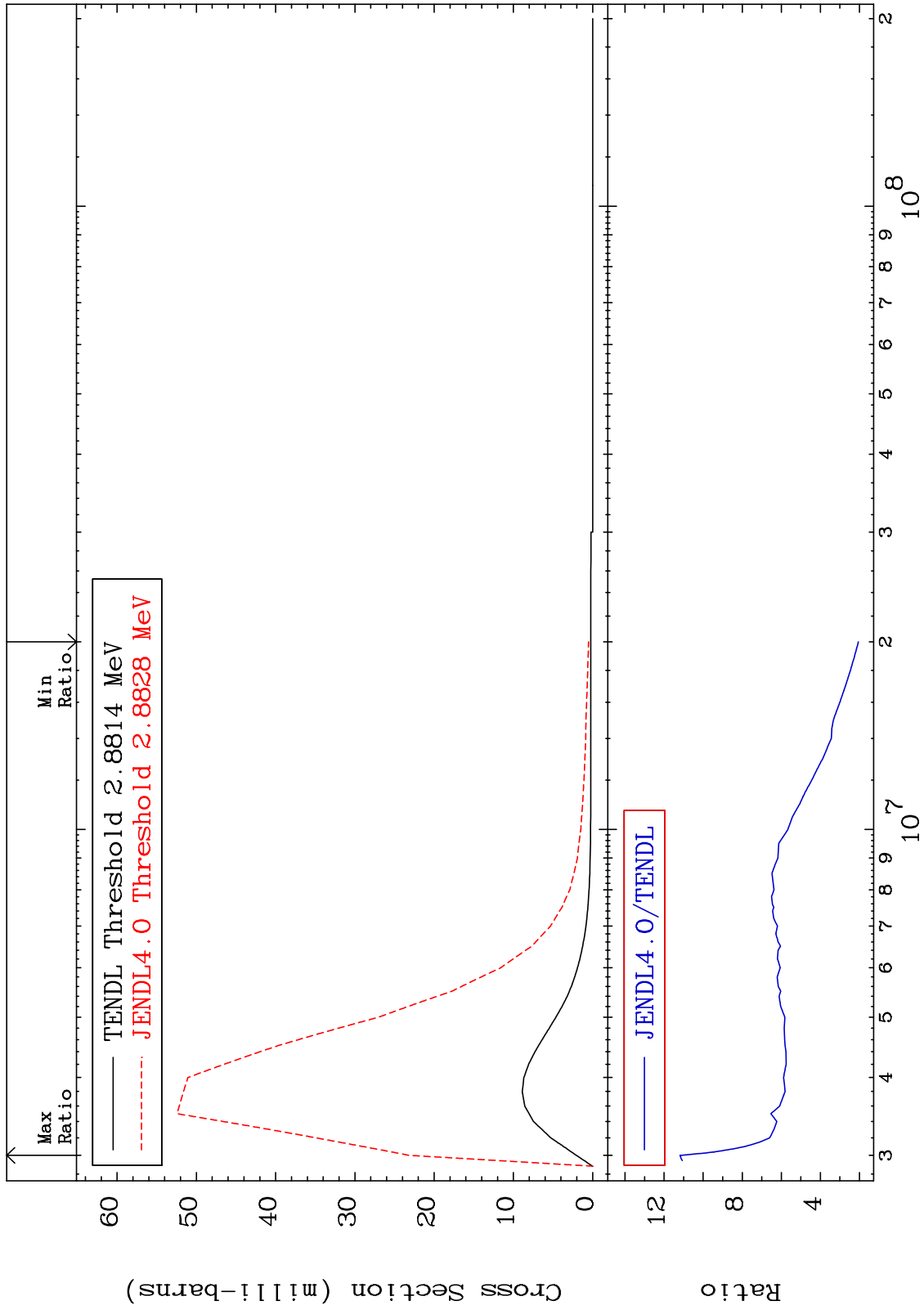
MAT 3425

MT= 70 (n,n') Level  
Cross Section

34-Se-74  
-98.55 To 9999. %



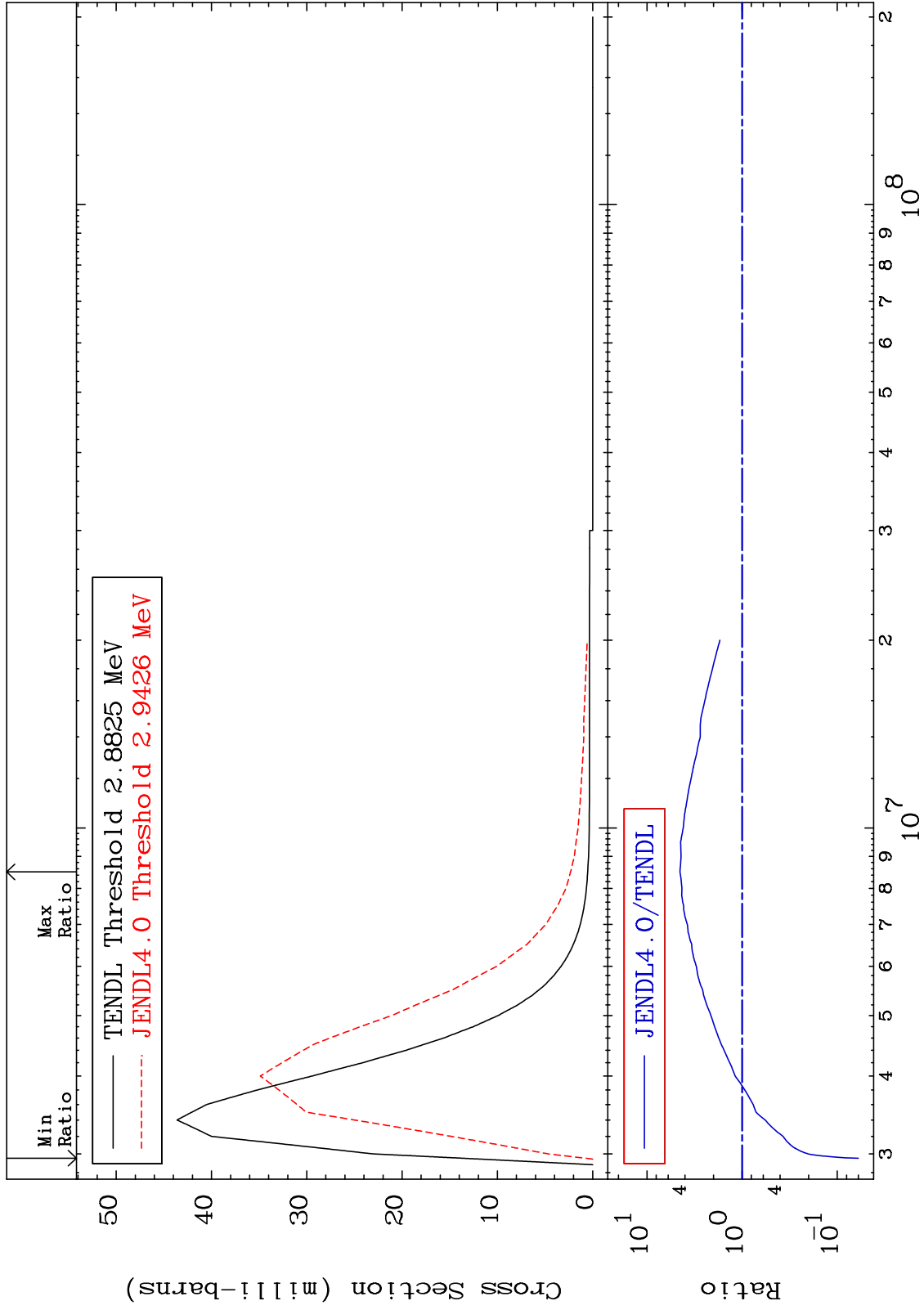
MAT 3425 MT= 71 (n,n') Level Cross Section 34-Se-74  
 105.3 To 1019. %



MAT 3425

MT= 72 (n,n') Level  
Cross Section

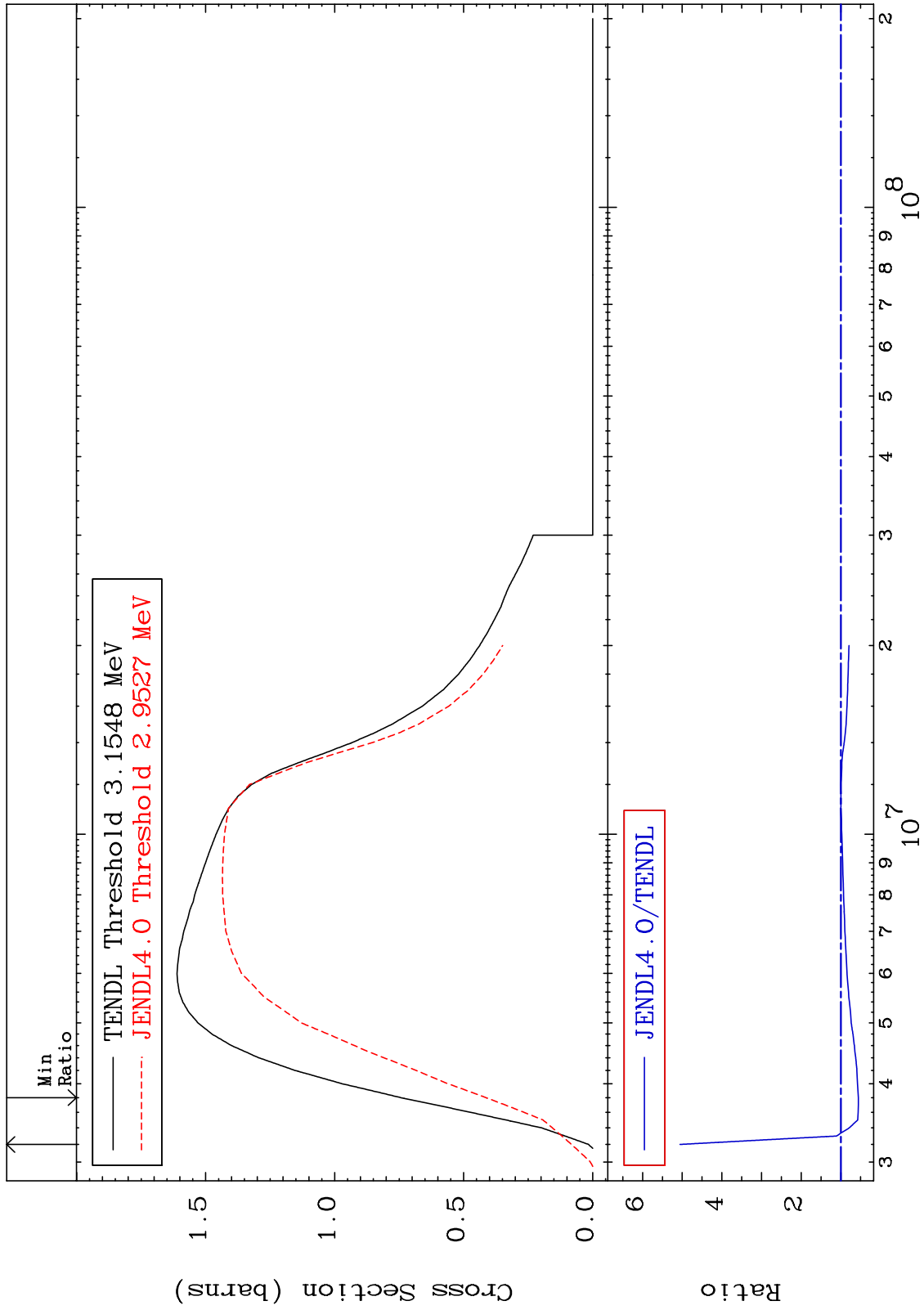
34-Se-74  
-94.01 To 350.1 %



MAT 3425

(n,n') Continuum  
Cross Section

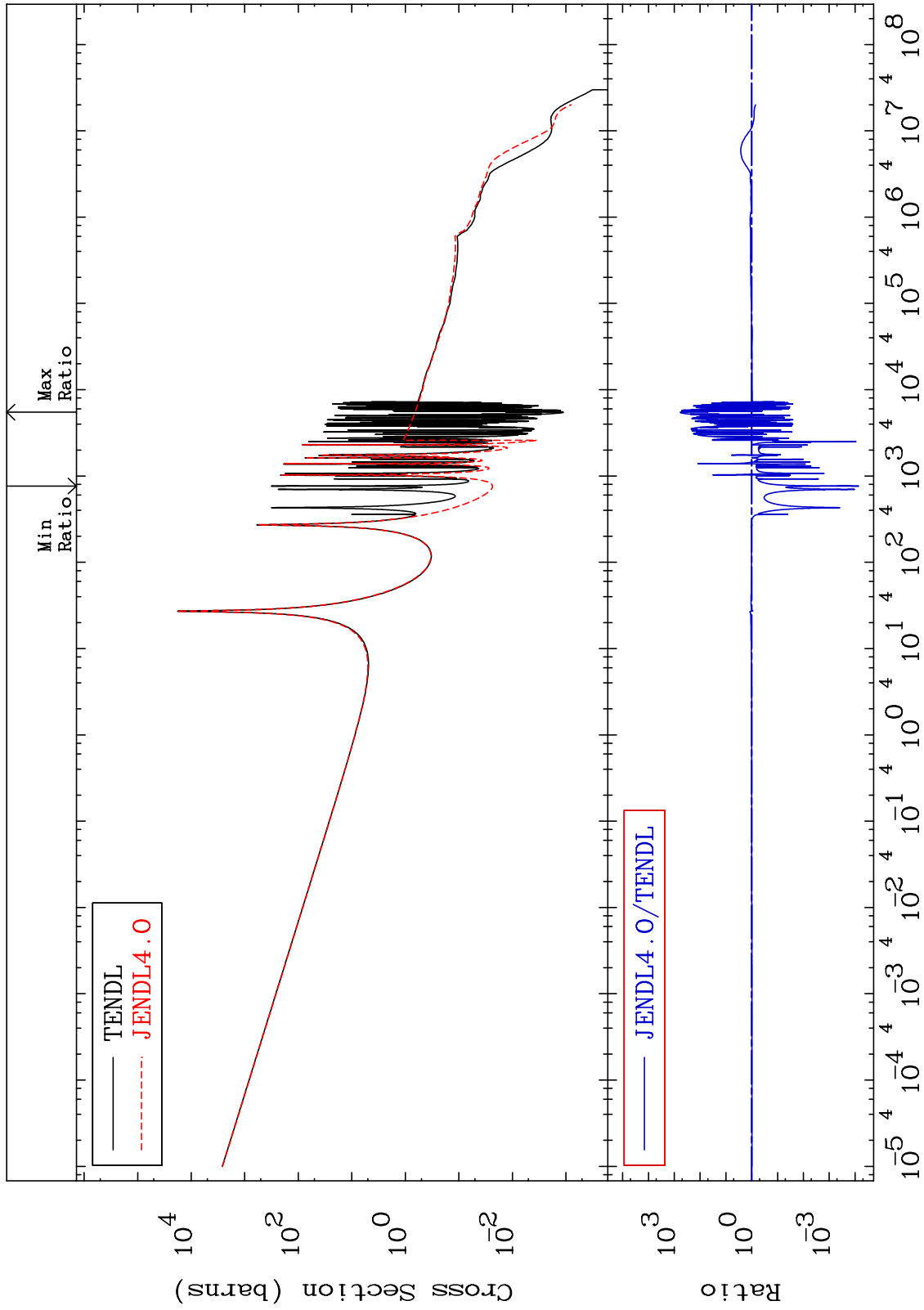
34-Se-74  
-44.35 To 405.6 %



MAT 3425

(n,  $\gamma$ )  
Cross Section

34-Se-74  
-99.99 To 9999. %



30

34-Se-74

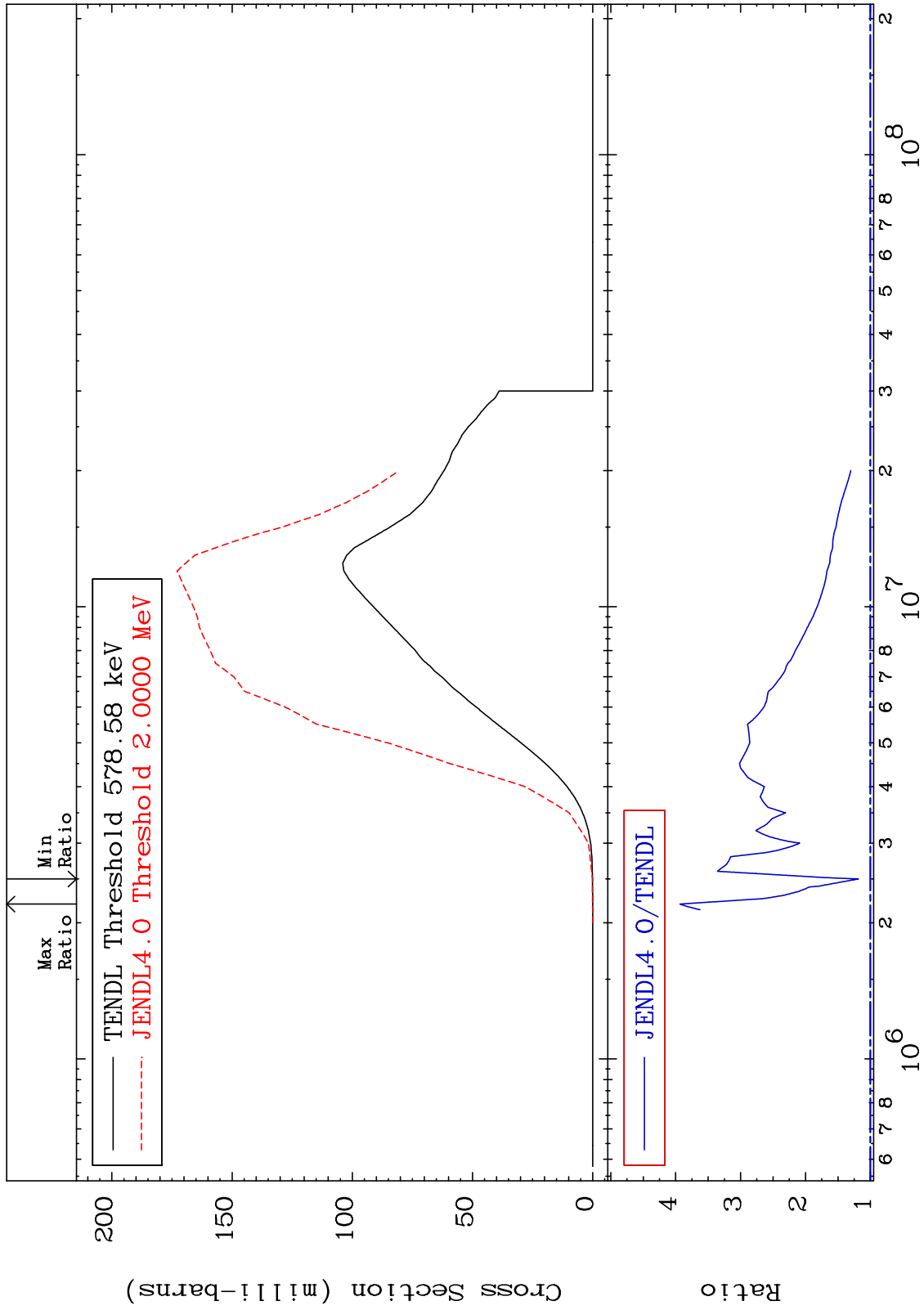
MAT 3425

(n,p)

<sup>34</sup>Se-74

18.53 To 293.3 %

Cross Section





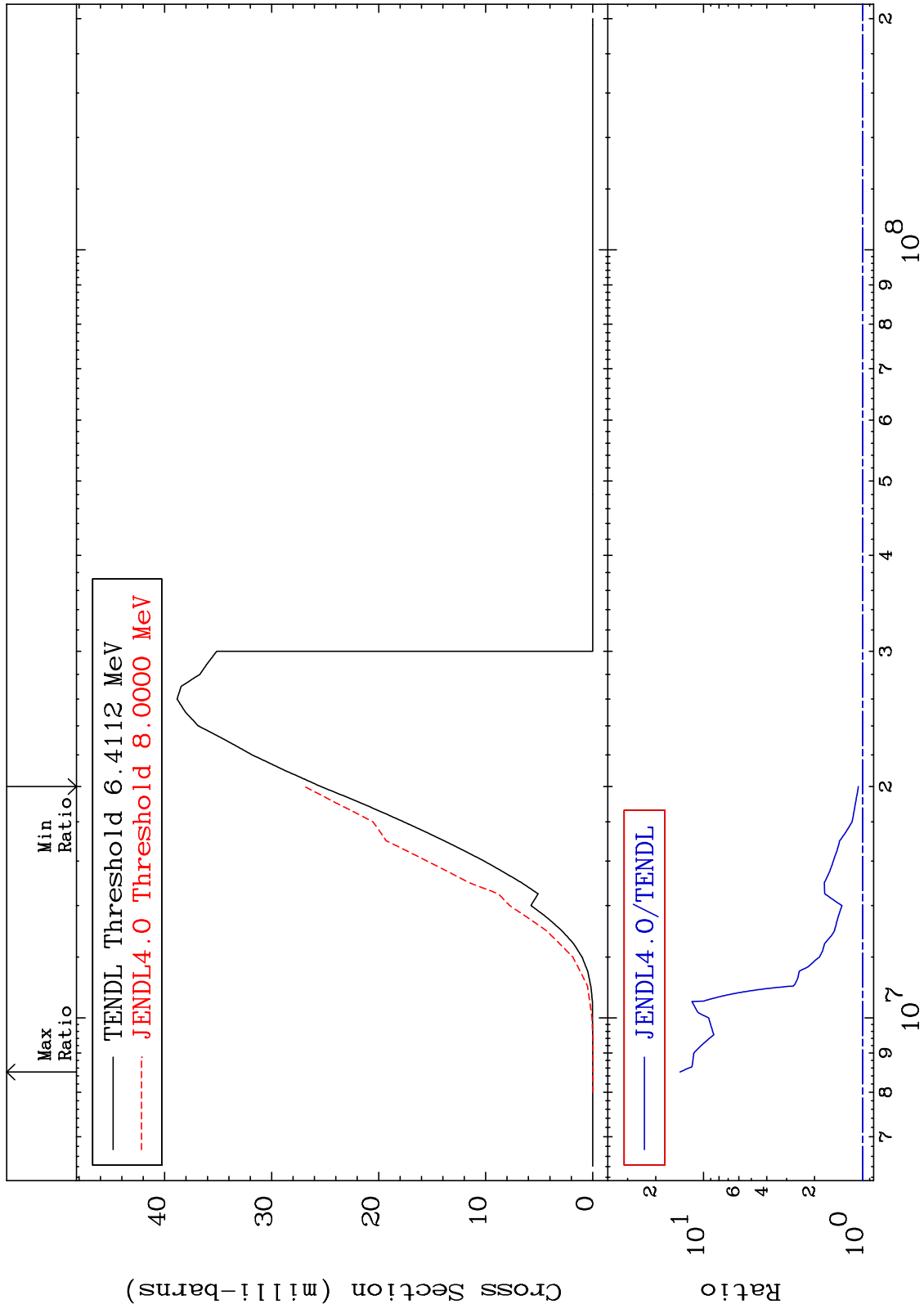
MAT 3425

(n, d)

<sup>34</sup>Se-74

Cross Section

6.032 To 1306. %



32

Incident Energy (eV)

<sup>34</sup>Se-74

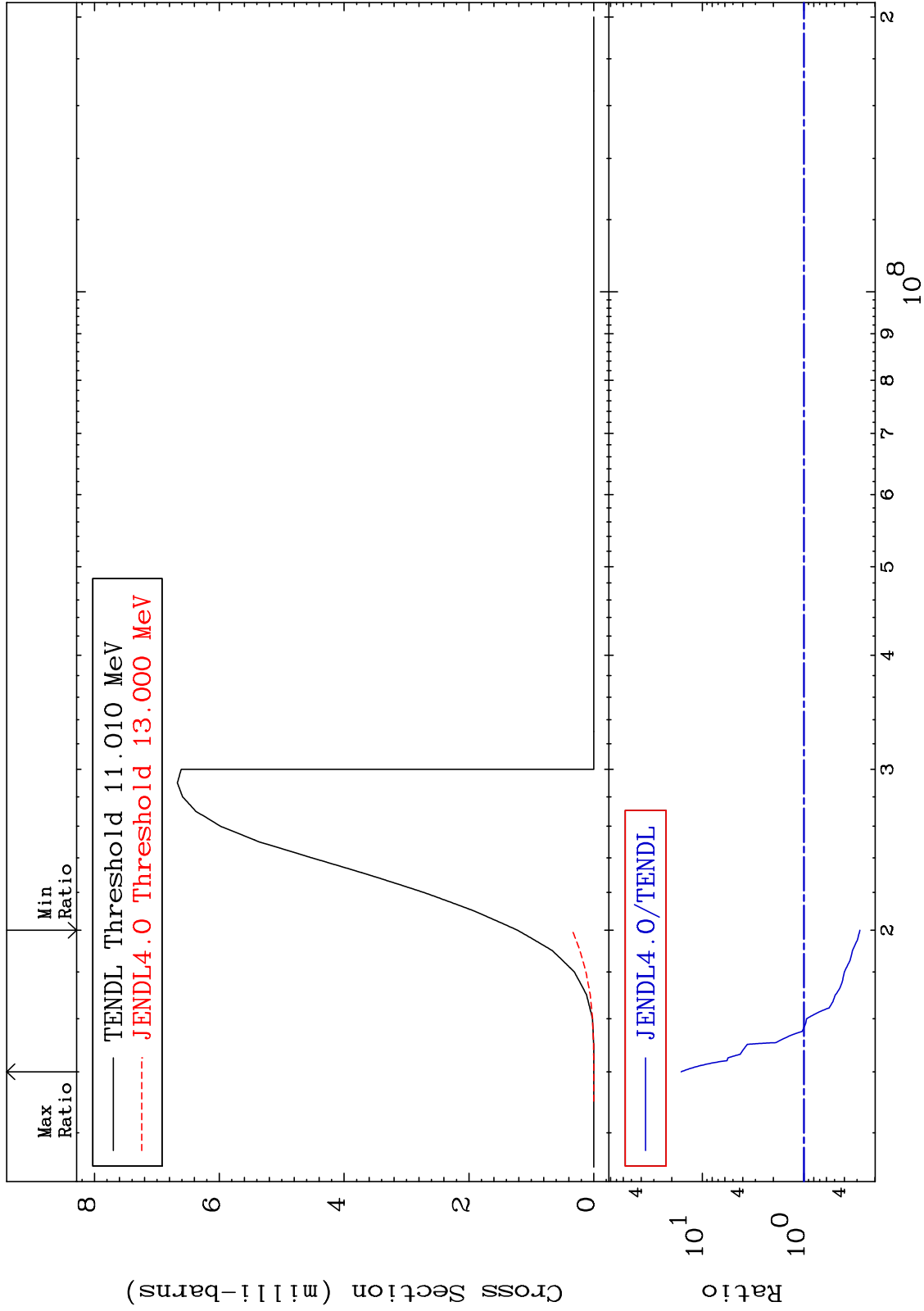
MAT 3425

(n, t)

<sup>34</sup>Se-74

Cross Section

-71.85 To 1512. %



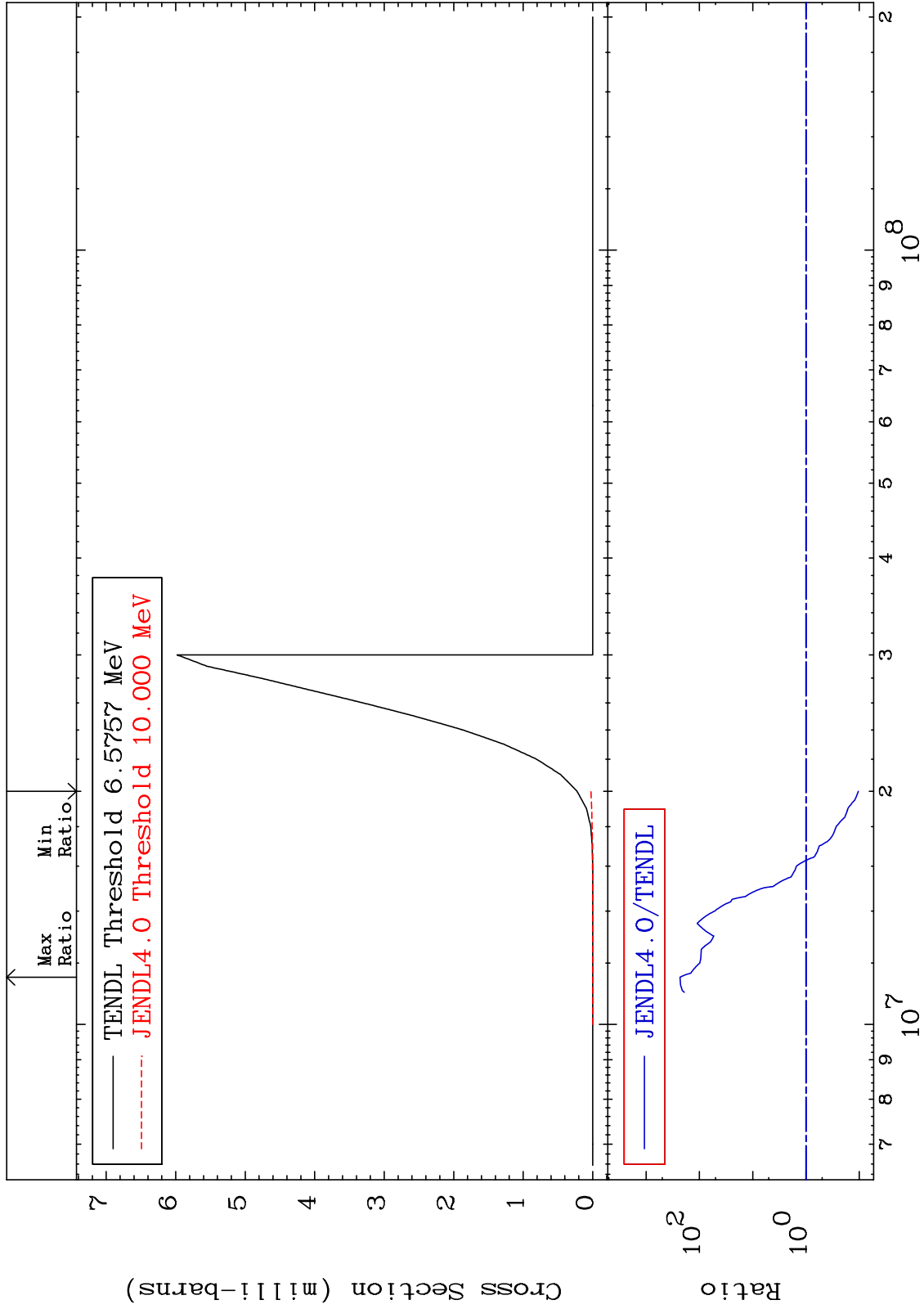
MAT 3425

(n, He-3)

<sup>34</sup>Se-74

Cross Section

-89.60 To 9999. %



34

Incident Energy (eV)

<sup>34</sup>Se-74

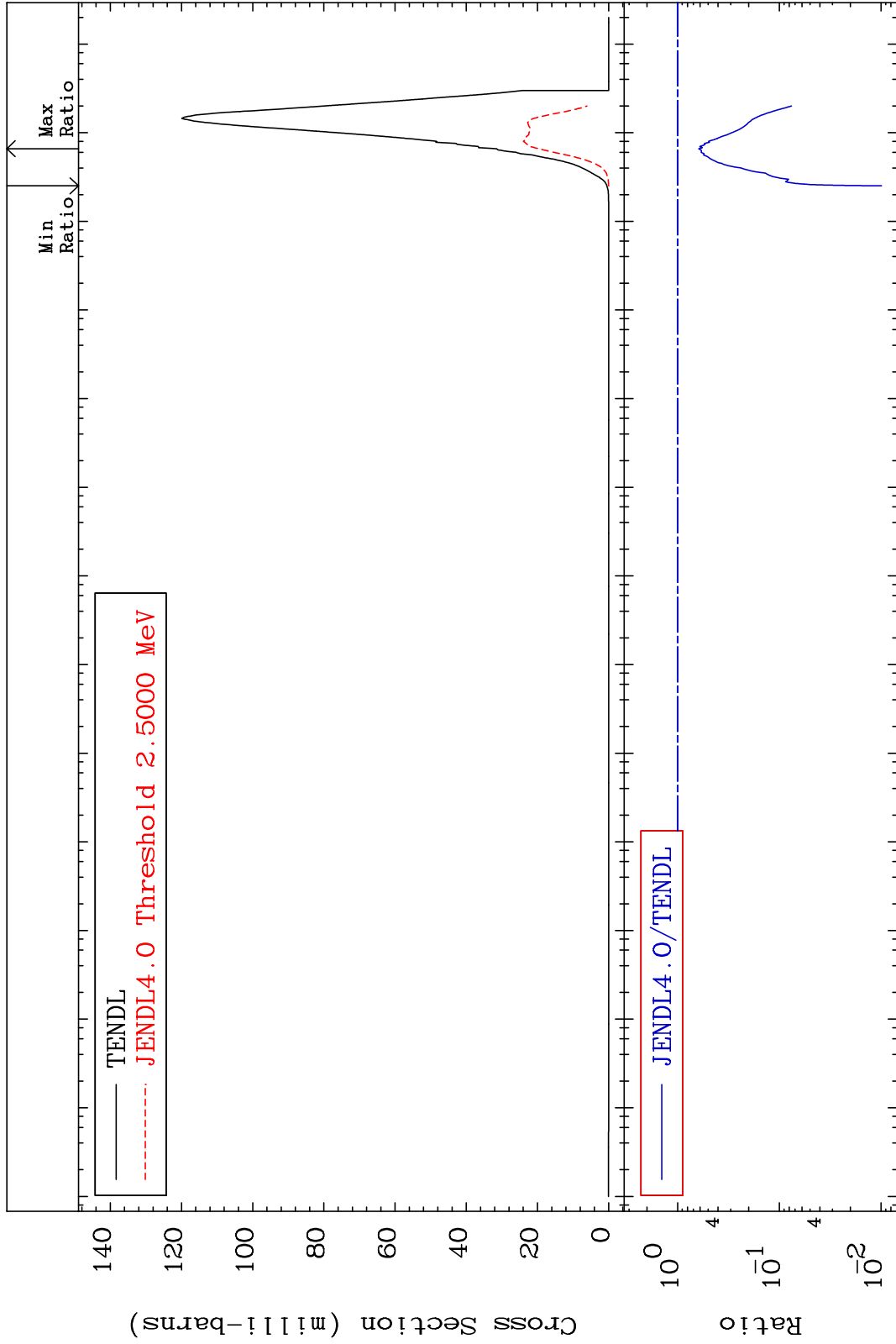
MAT 3425

(n,  $\alpha$ )

34-Se-74

Cross Section

-99.01 To -37.52%



35

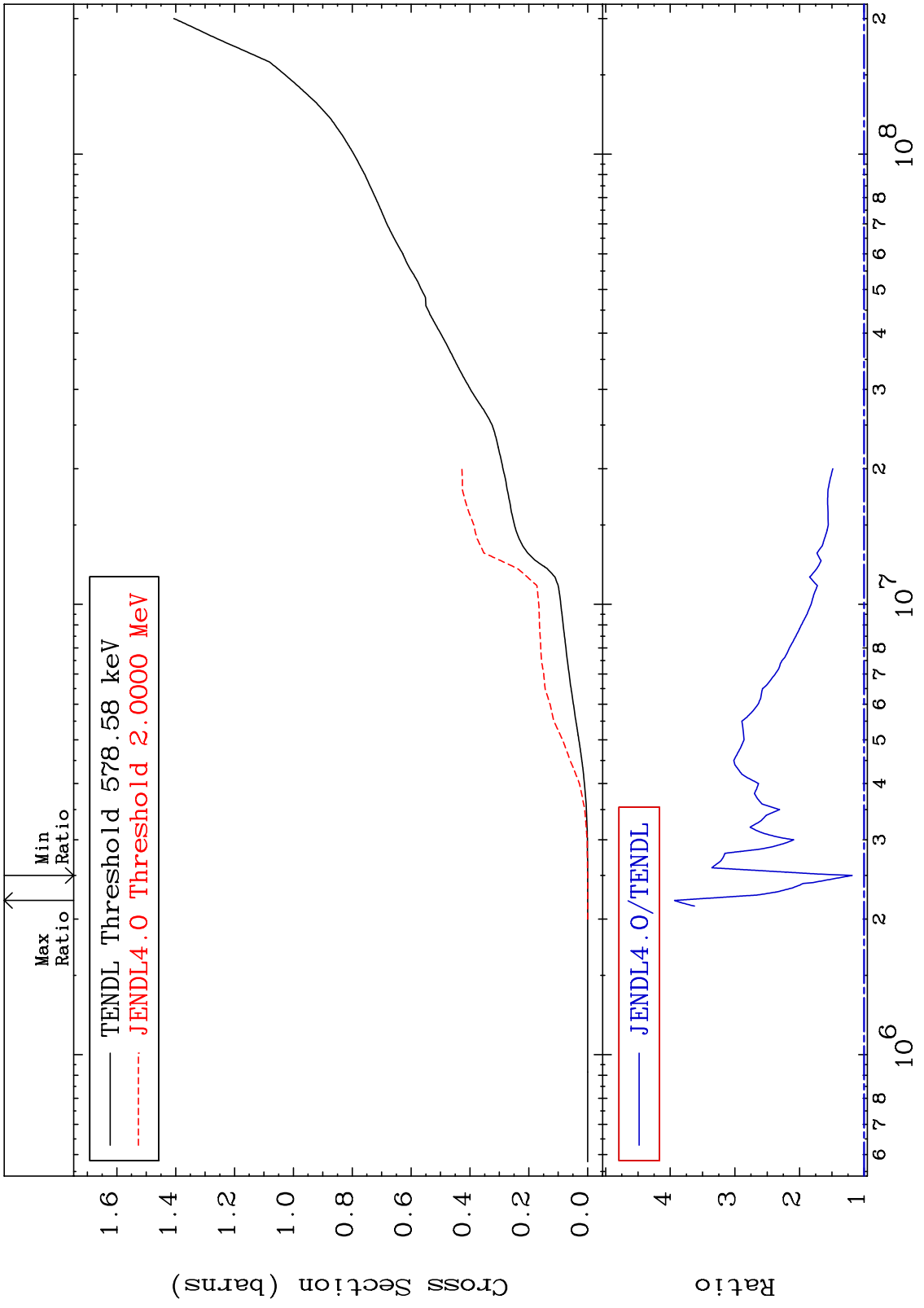
Incident Energy (eV)

34-Se-74

MAT 3425

Hydrogen Production  
Cross Section

34-Se-74  
18.53 To 293.3 %



34-Se-74

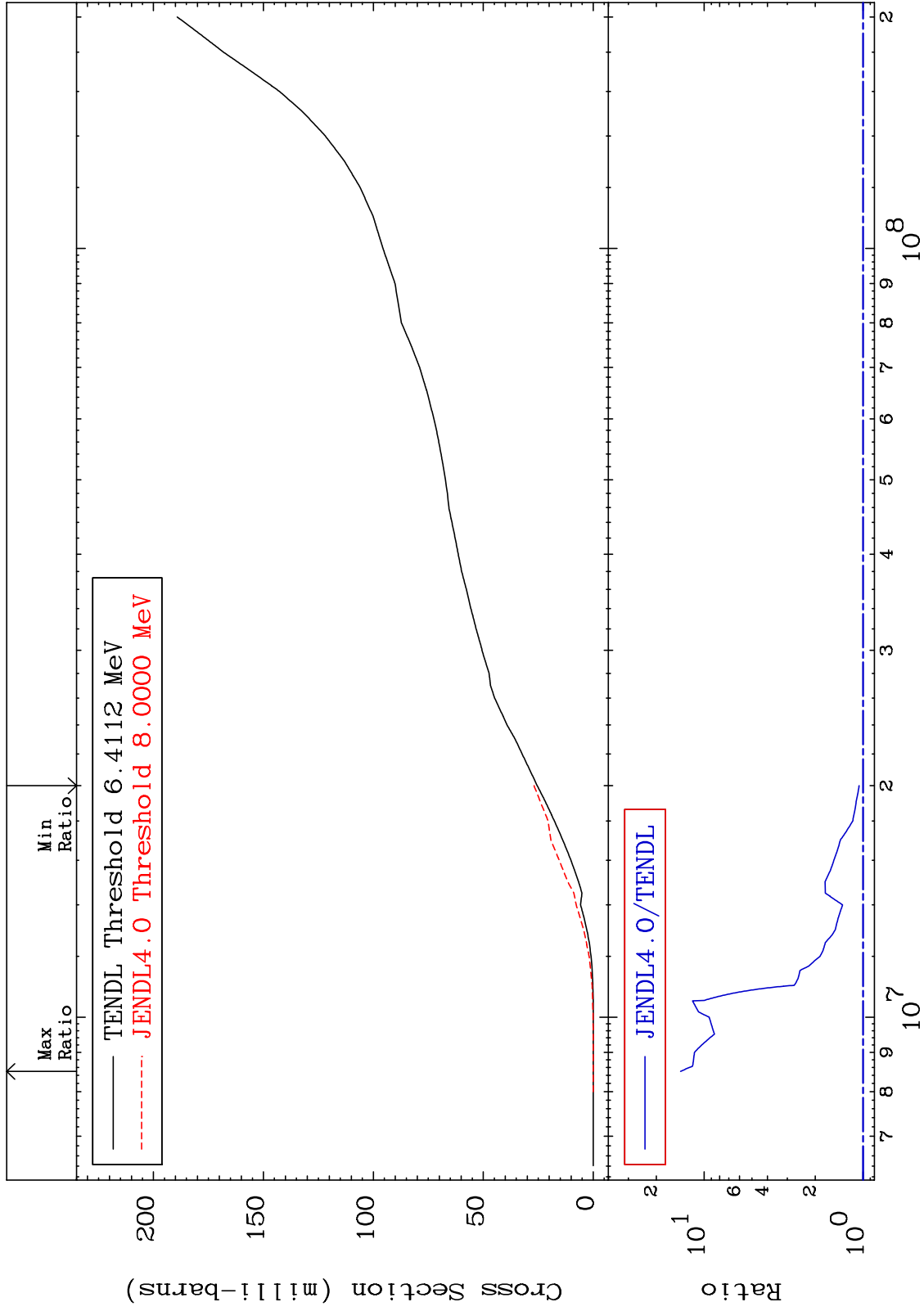
Incident Energy (eV)

36

MAT 3425

Deuterium Production  
Cross Section

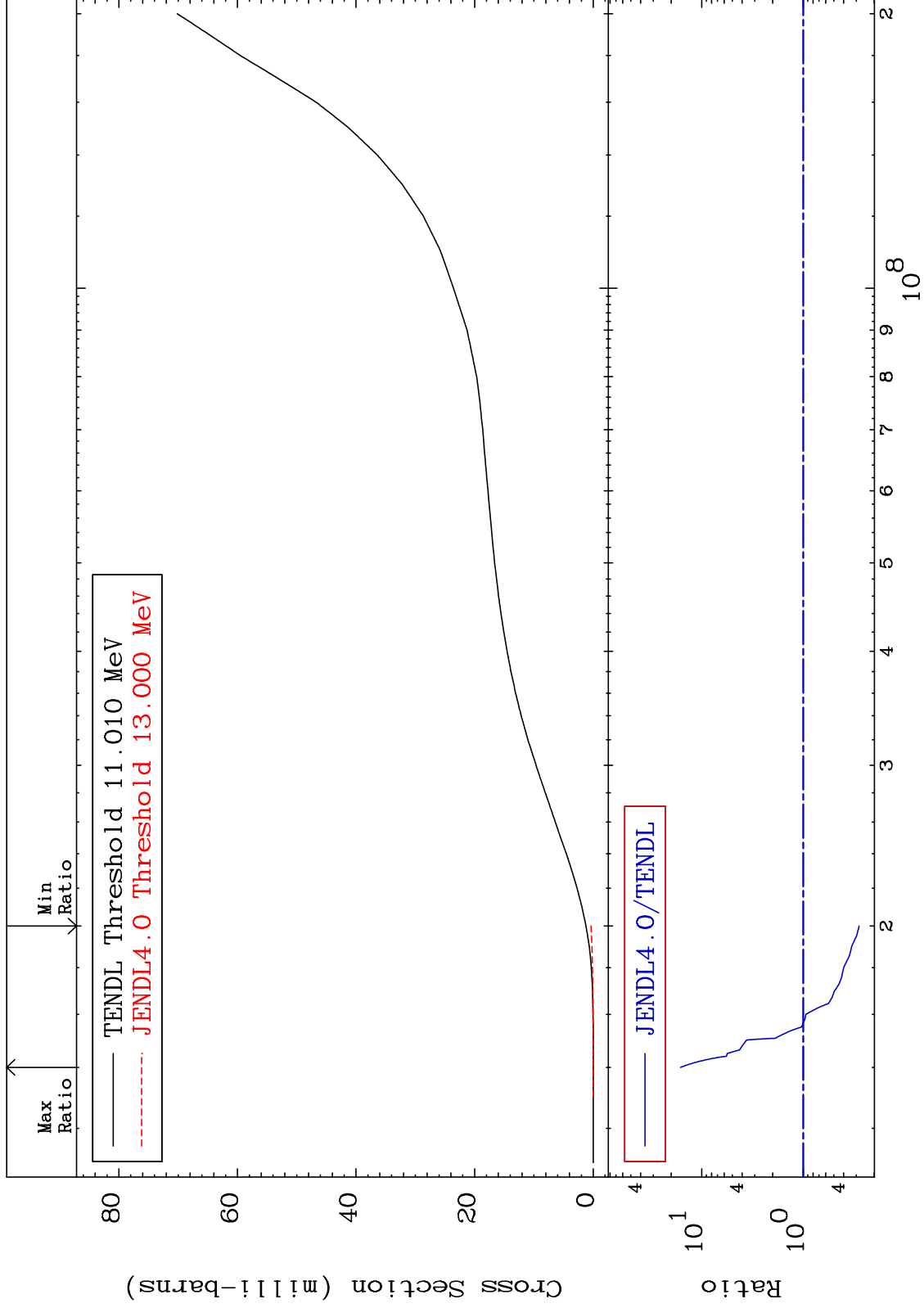
<sup>34</sup>Se-74  
5.819 To 1306. %



MAT 3425

Tritium Production  
Cross Section

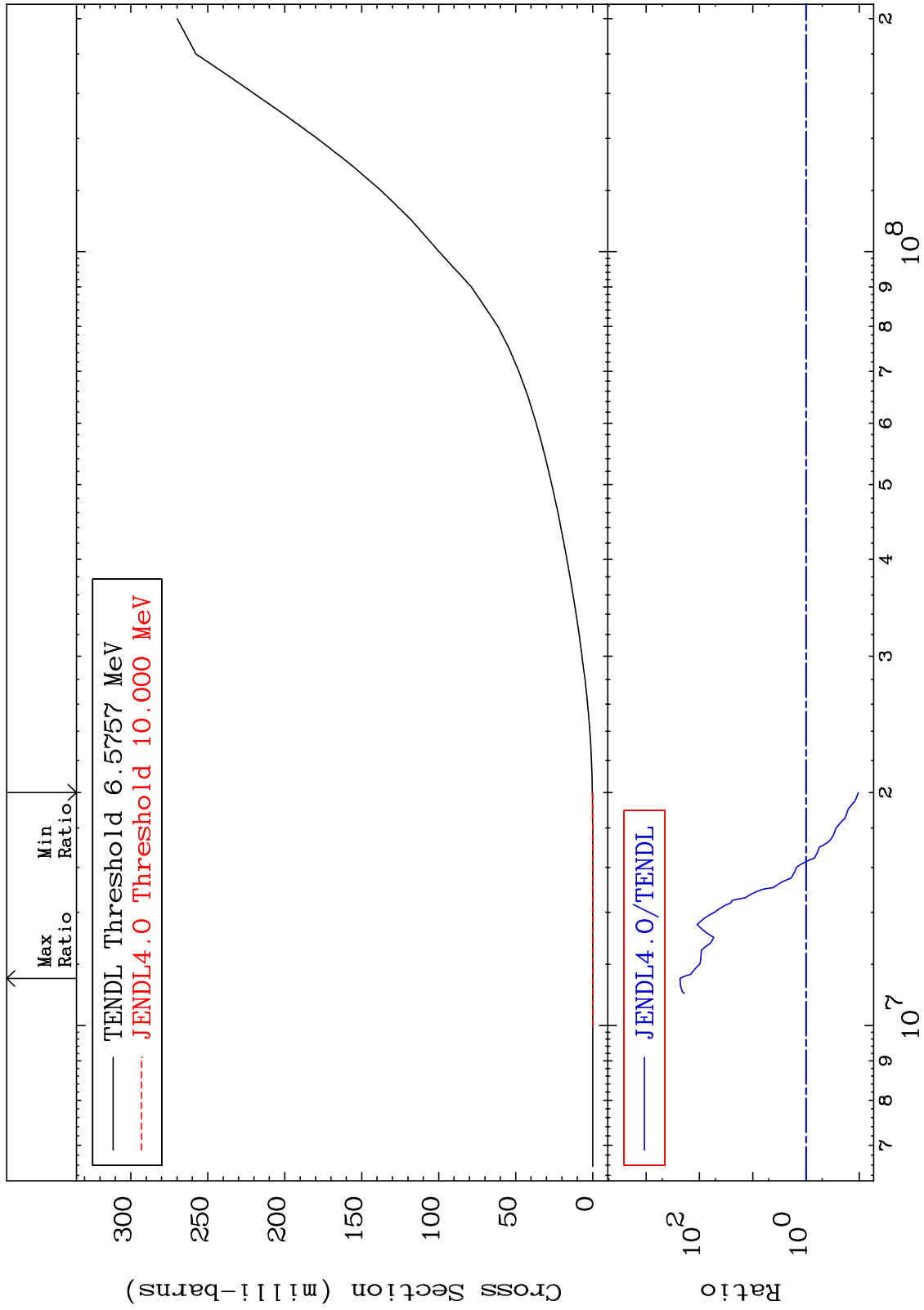
<sup>34</sup>Se-74  
-71.85 To 1512. %



MAT 3425

He-3 Production  
Cross Section

34-Se-74  
-89.60 To 9999. %



39

Incident Energy (eV)

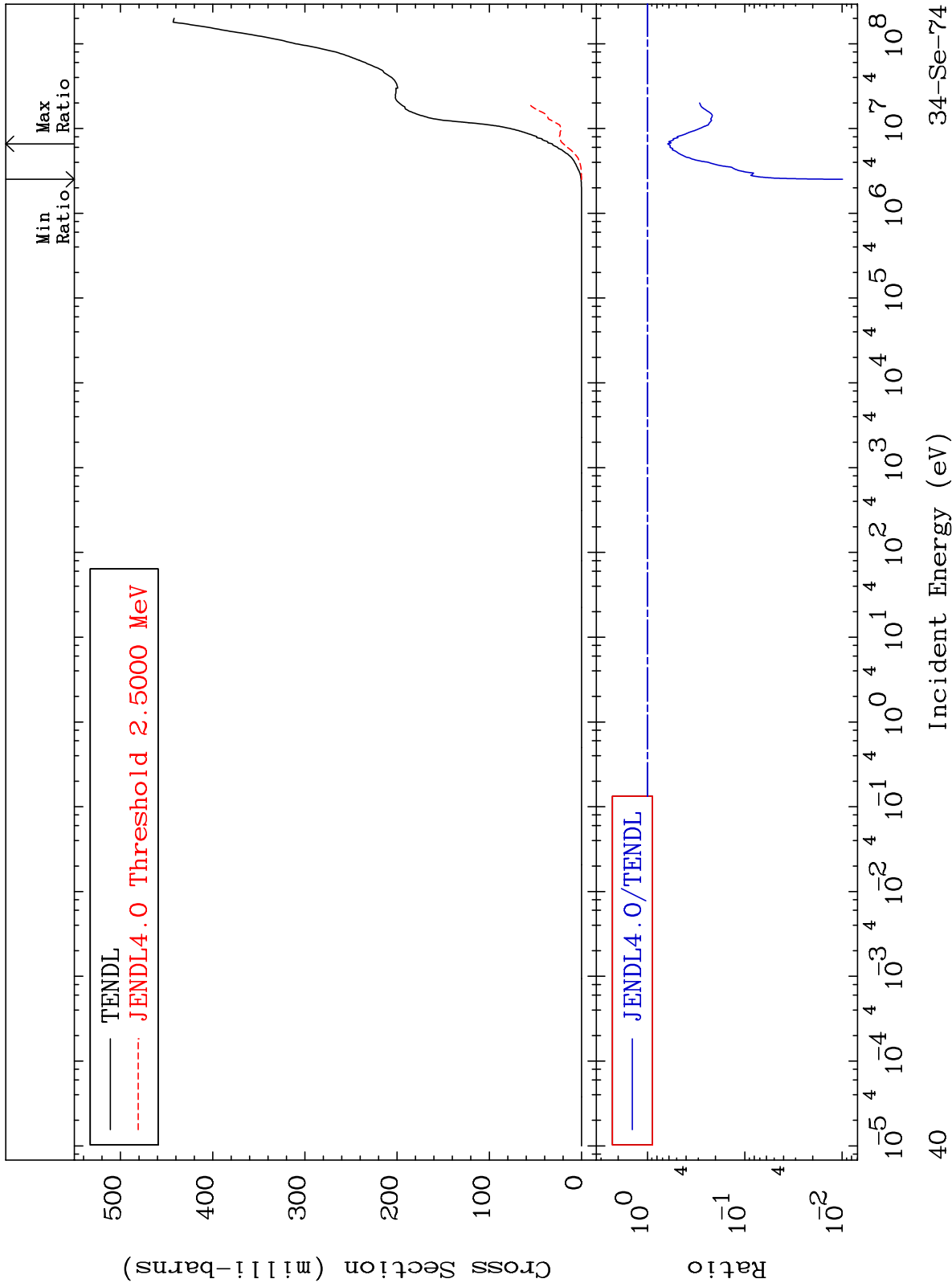
34-Se-74



MAT 3425

He-4 Production  
Cross Section

34-Se-74  
-99.01 To -37.52%



34-Se-74

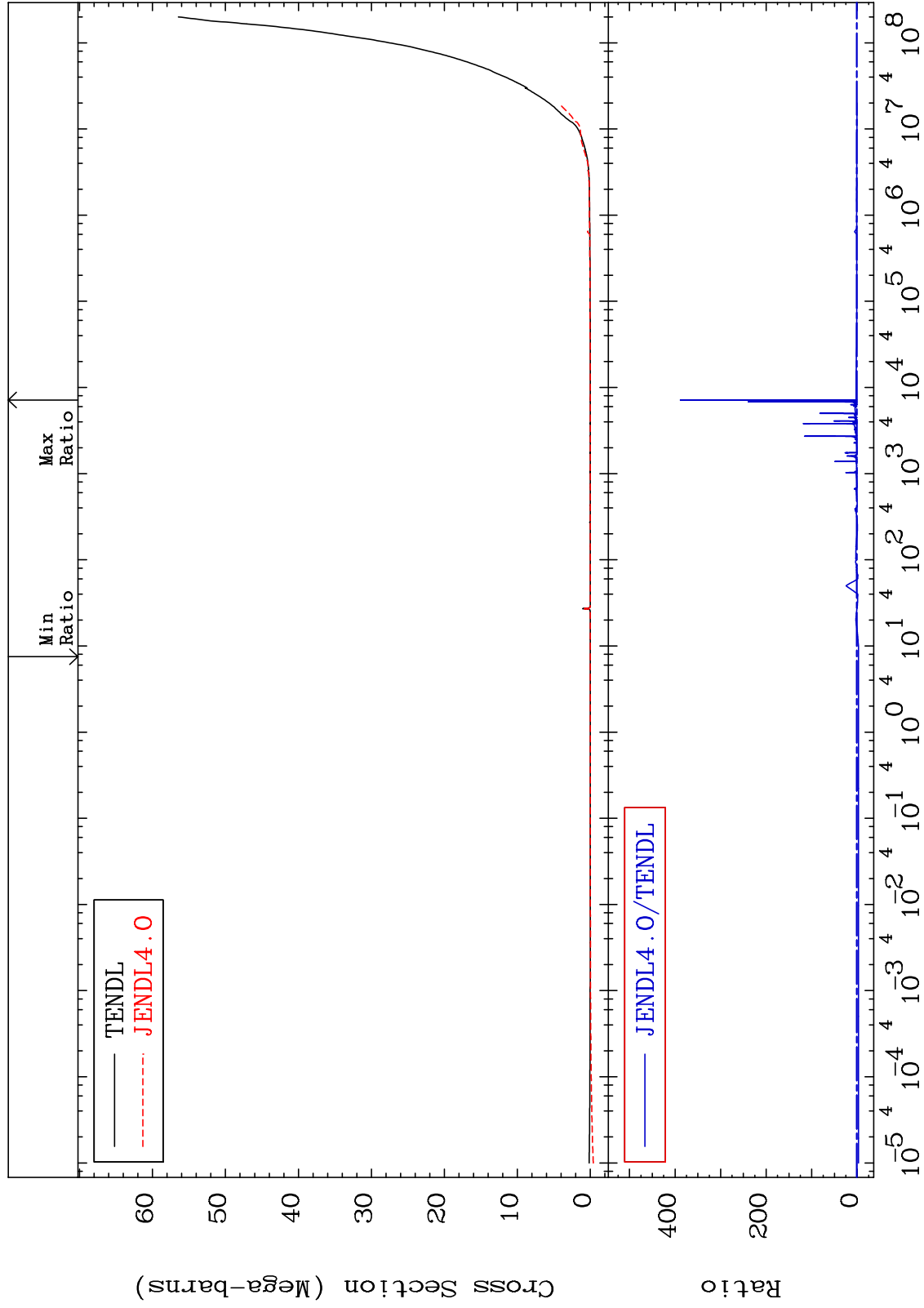
Incident Energy (eV)

40

MAT 3425

Kerma total (eV-barns)  
Cross Section

34-Se-74  
-378.1 To 9999. %



41

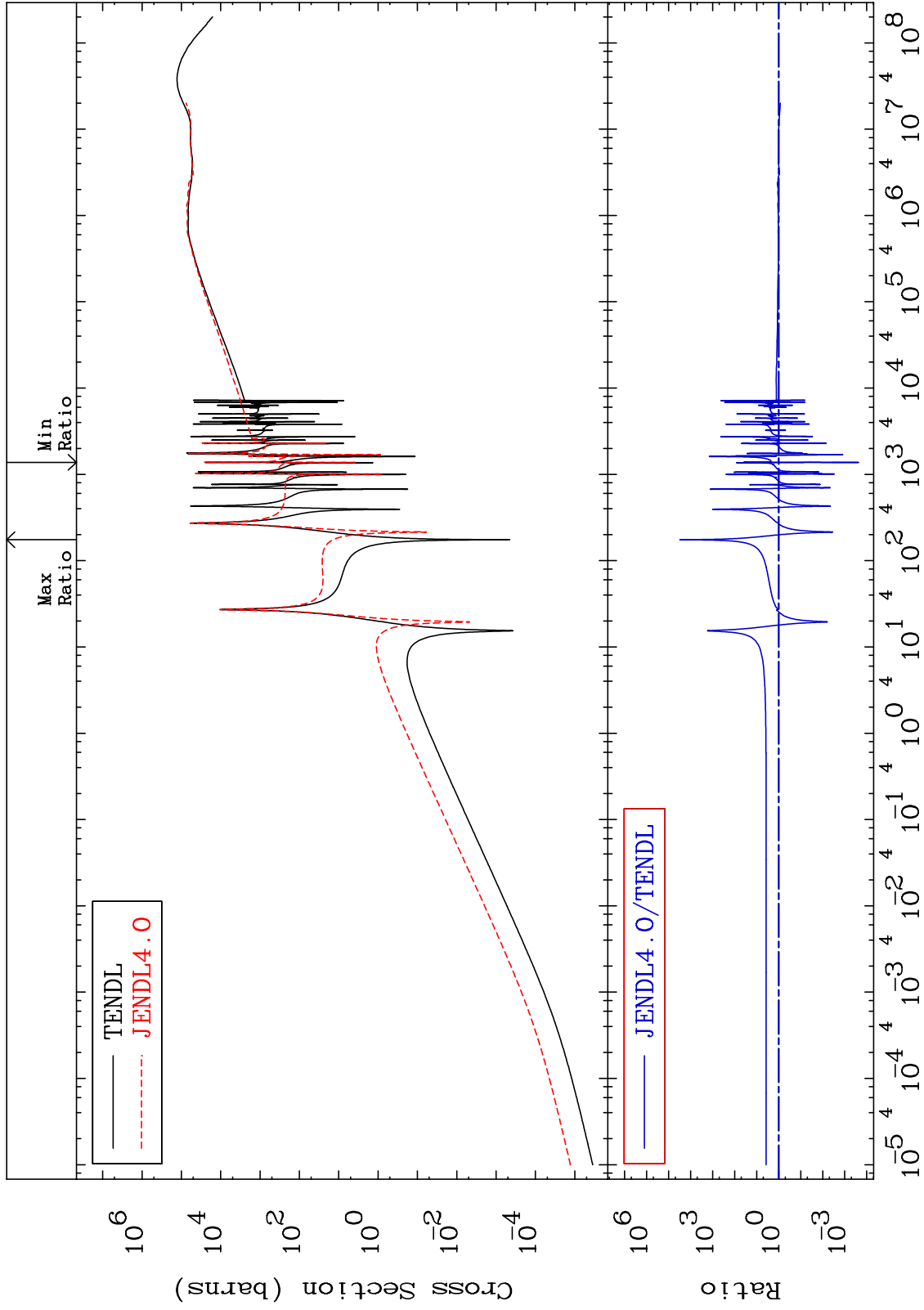
Incident Energy (eV)

34-Se-74

MAT 3425

Kerma elastic  
Cross Section

34-Se-74  
-99.98 To 9999. %



42

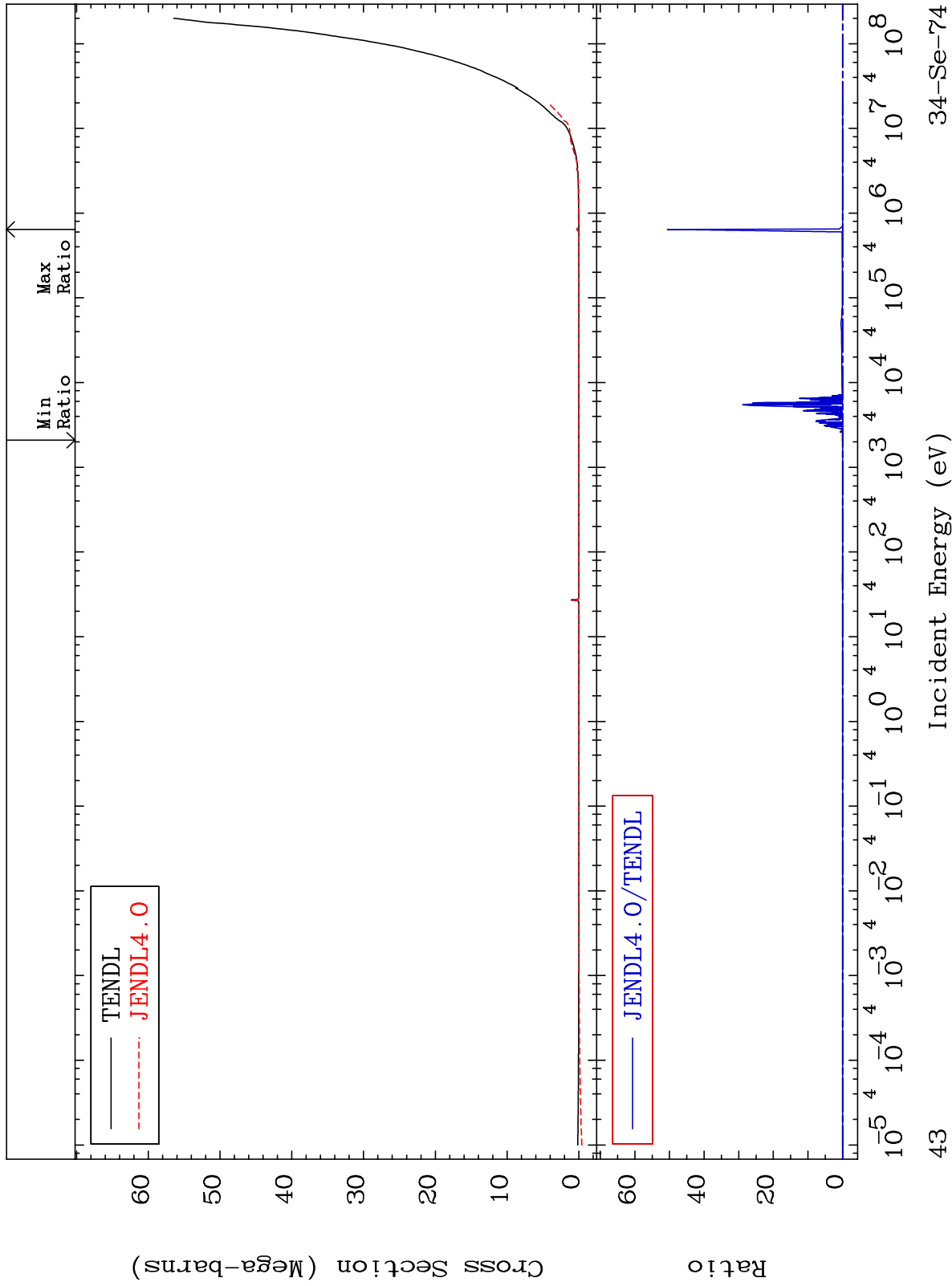
Incident Energy (eV)

34-Se-74

MAT 3425

Kerma non-elastic (all but mt2)  
Cross Section

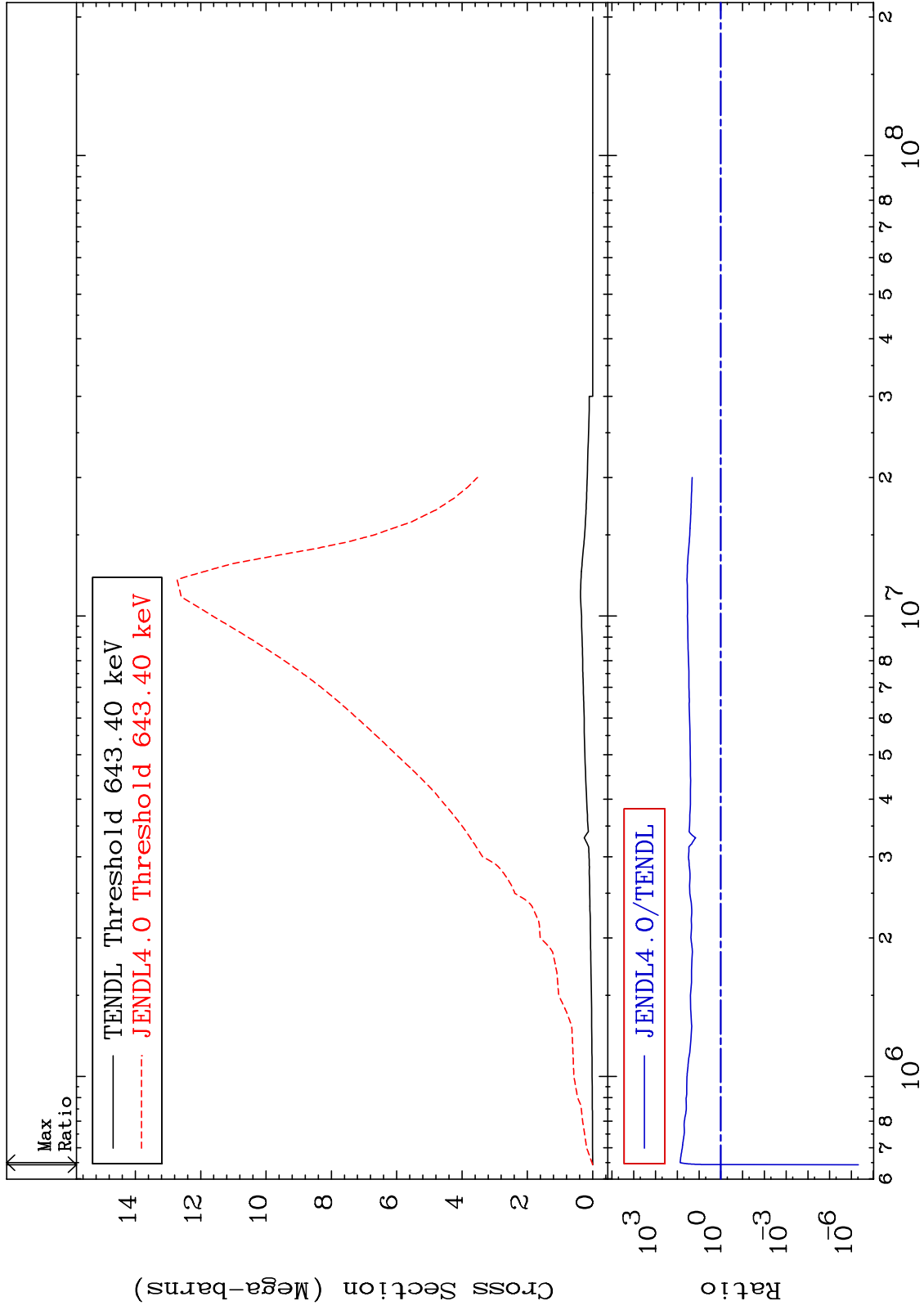
34-Se-74  
-3653. To 9999. %



MAT 3425

Kerma inelastic (mt51-91)  
Cross Section

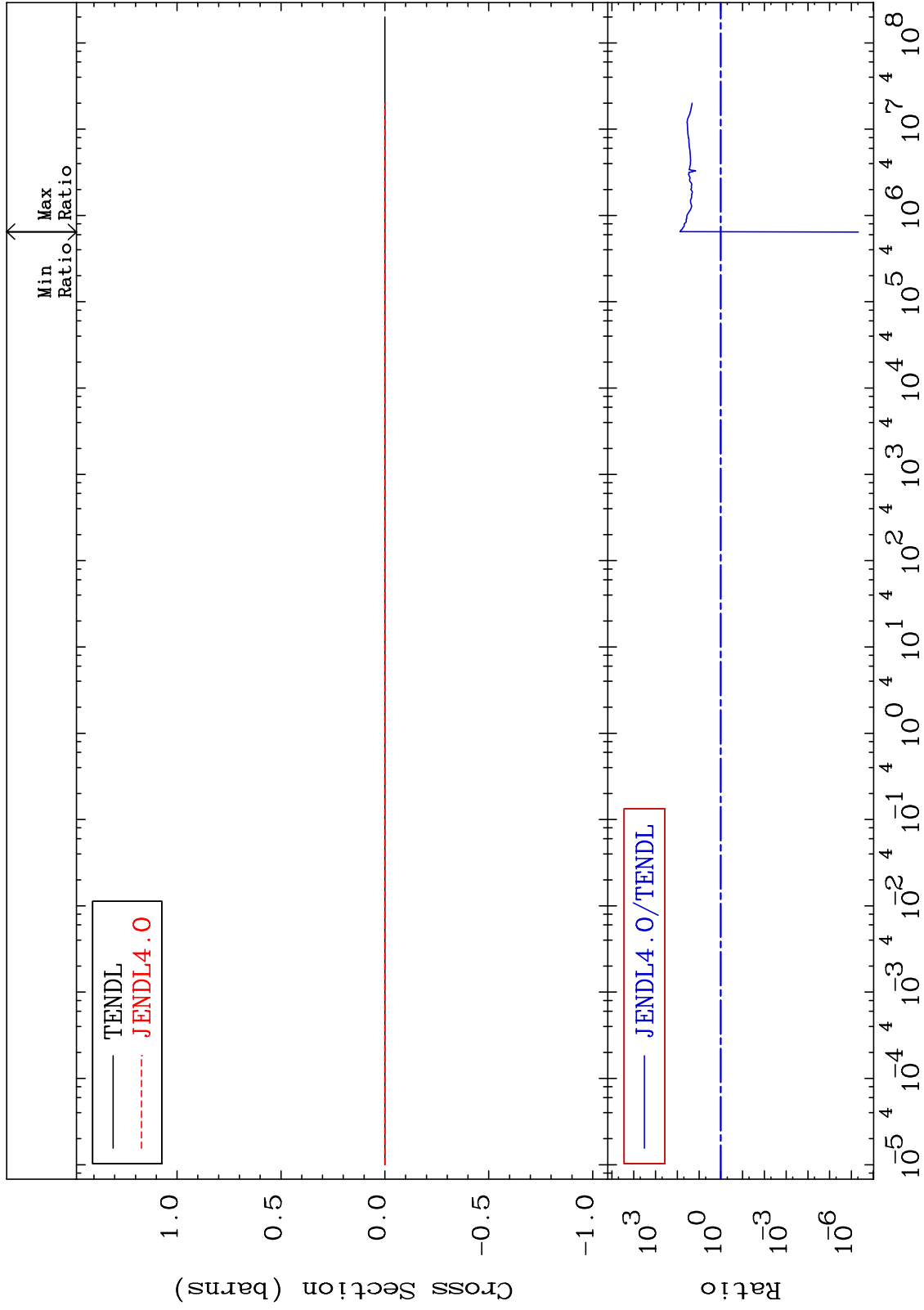
34-Se-74  
-100.0 To 7383. %



MAT 3425

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

34-Se-74  
-100.0 To 7383. %



45

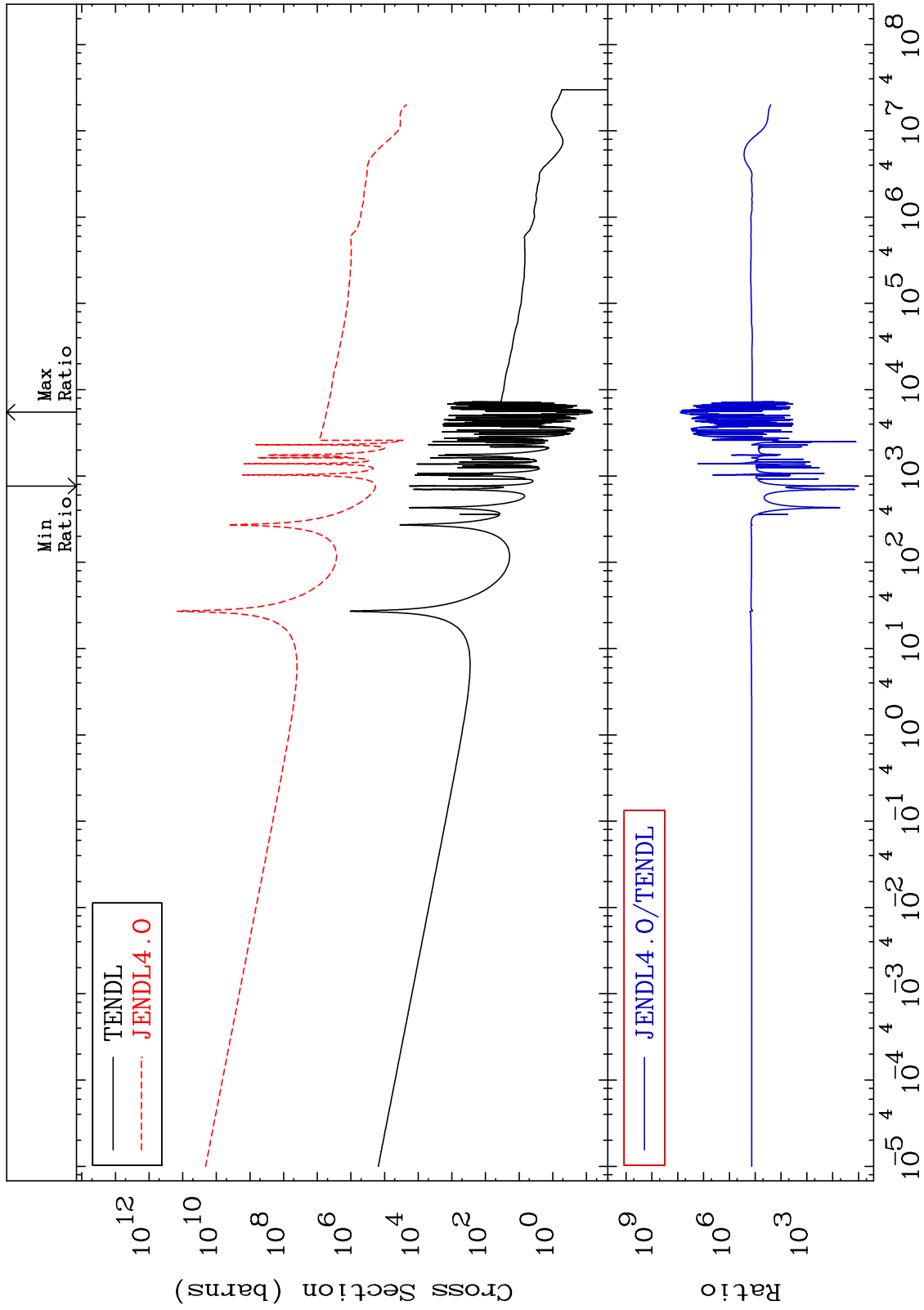
Incident Energy (eV)

34-Se-74

MAT 3425

Kerma capture (mt102)  
Cross Section

34-Se-74  
912.6 To 9999. %



46

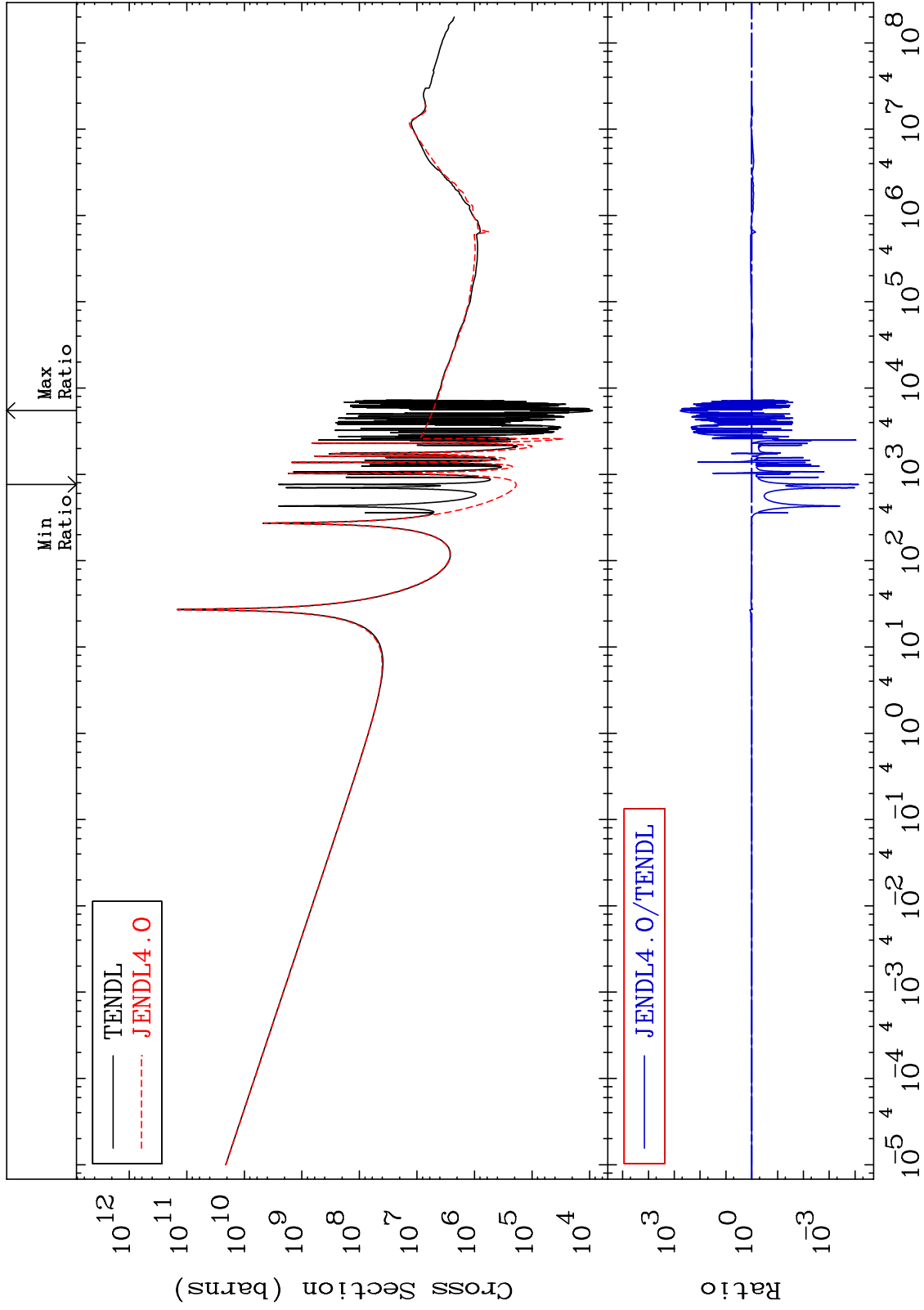
Incident Energy (eV)

34-Se-74

MAT 3425

Total photon (eV-barns)  
Cross Section

34-Se-74  
-99.99 To 9999. %



47

Incident Energy (eV)

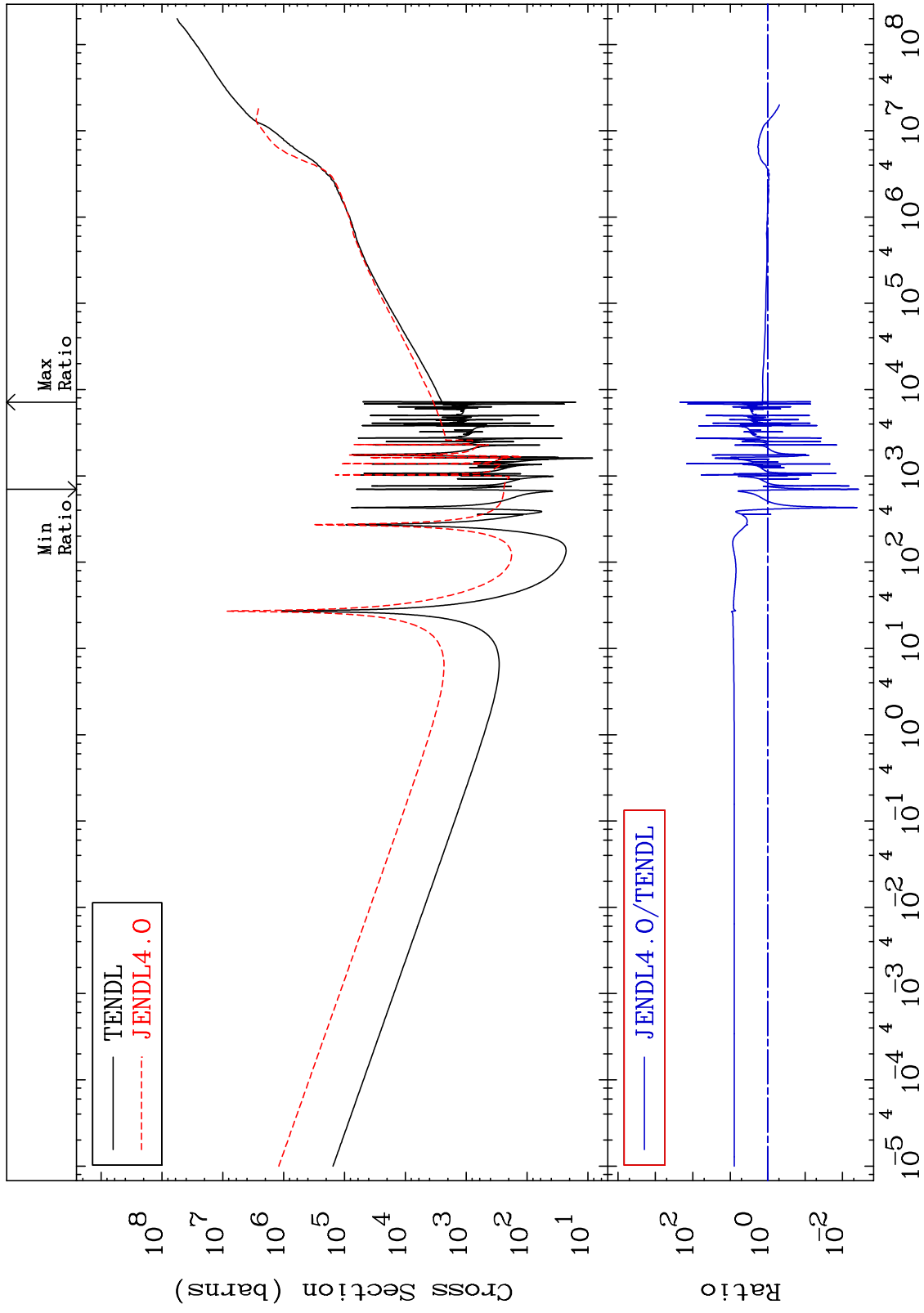
34-Se-74



MAT 3425

Total kinematic kerma (high limit)  
Cross Section

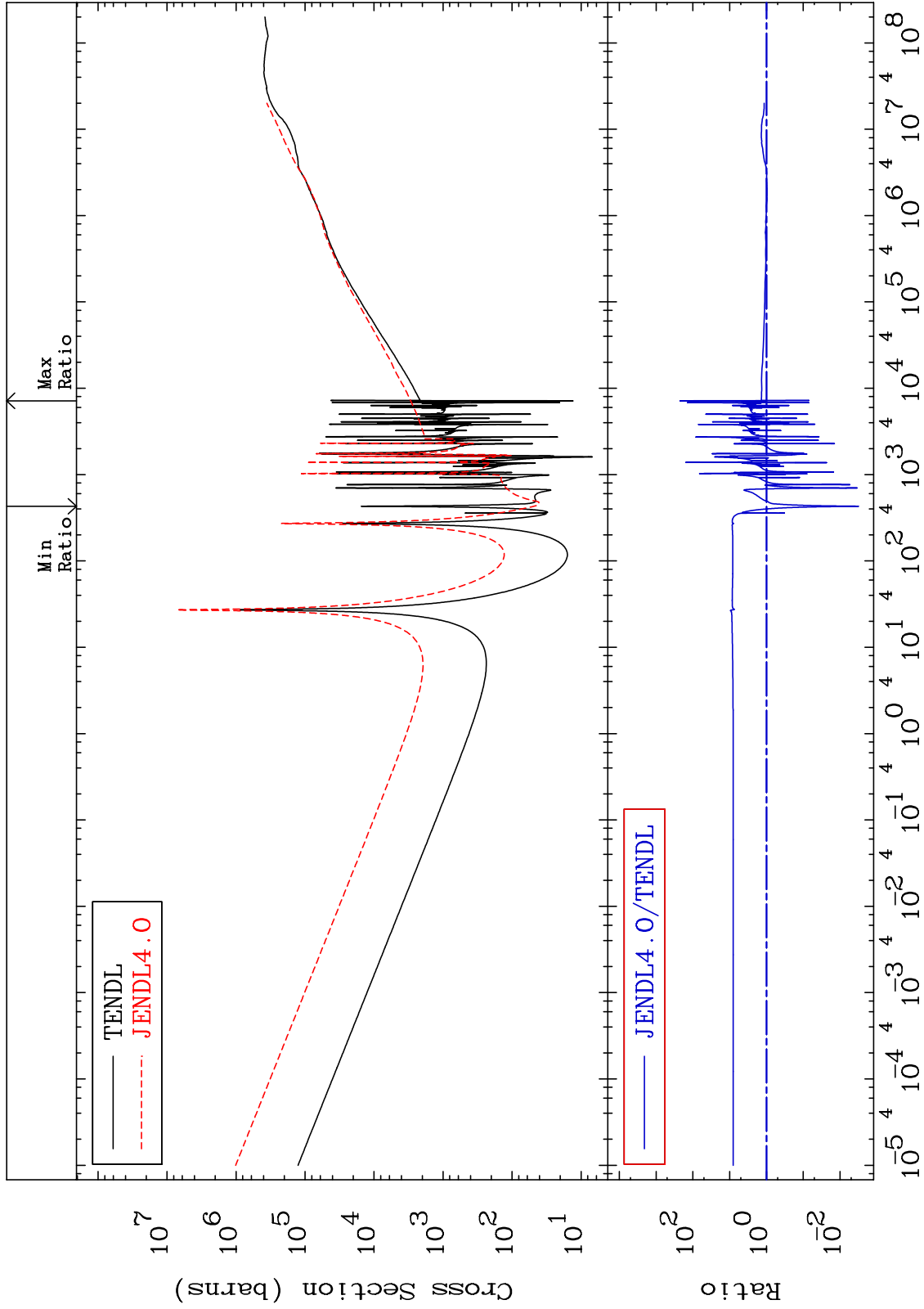
34-Se-74  
-99.62 To 9999. %



MAT 3425

Dpa total (eV-barns)  
Cross Section

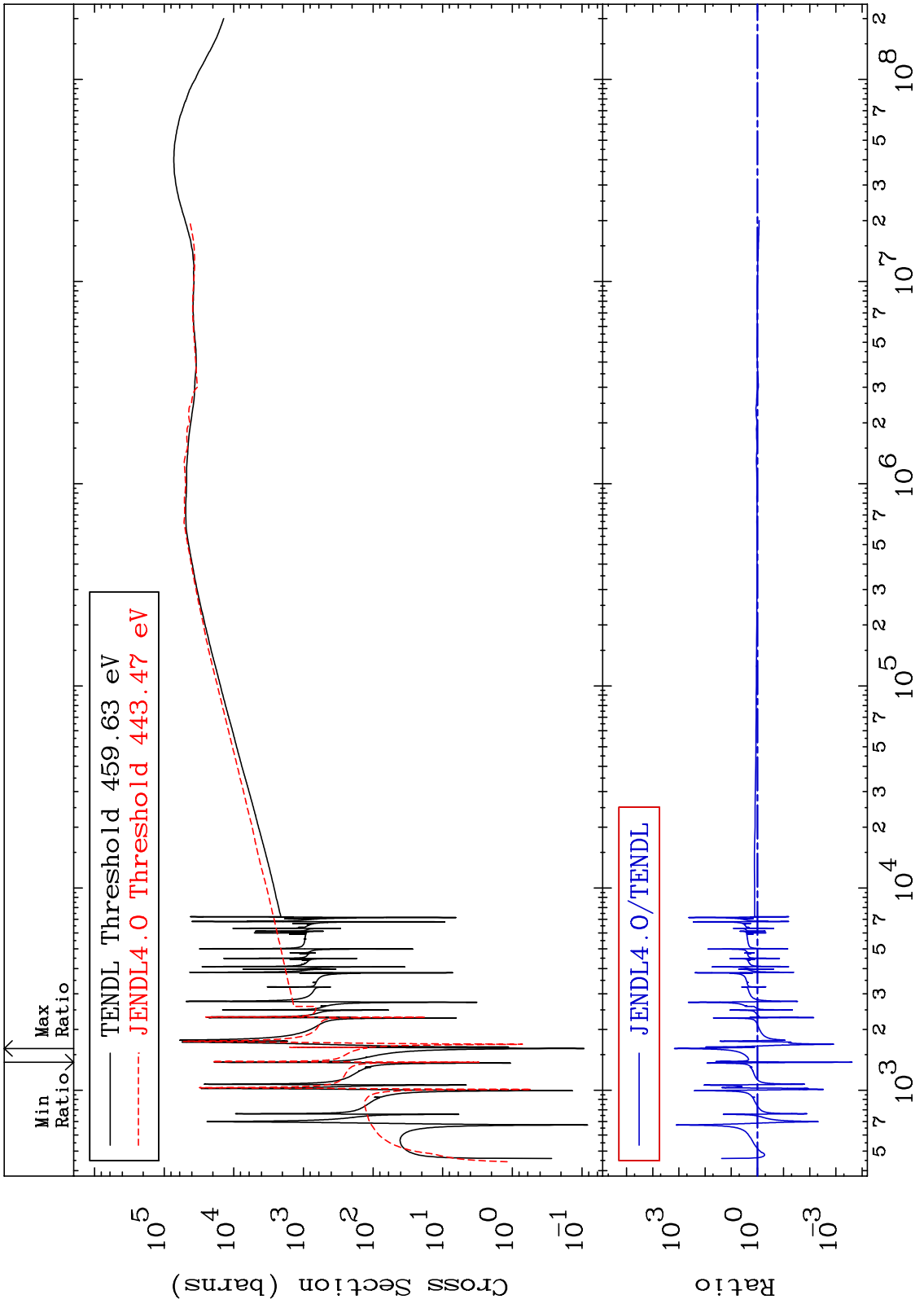
34-Se-74  
-99.68 To 9999. %



MAT 3425

Dpa elastic (mt2)  
Cross Section

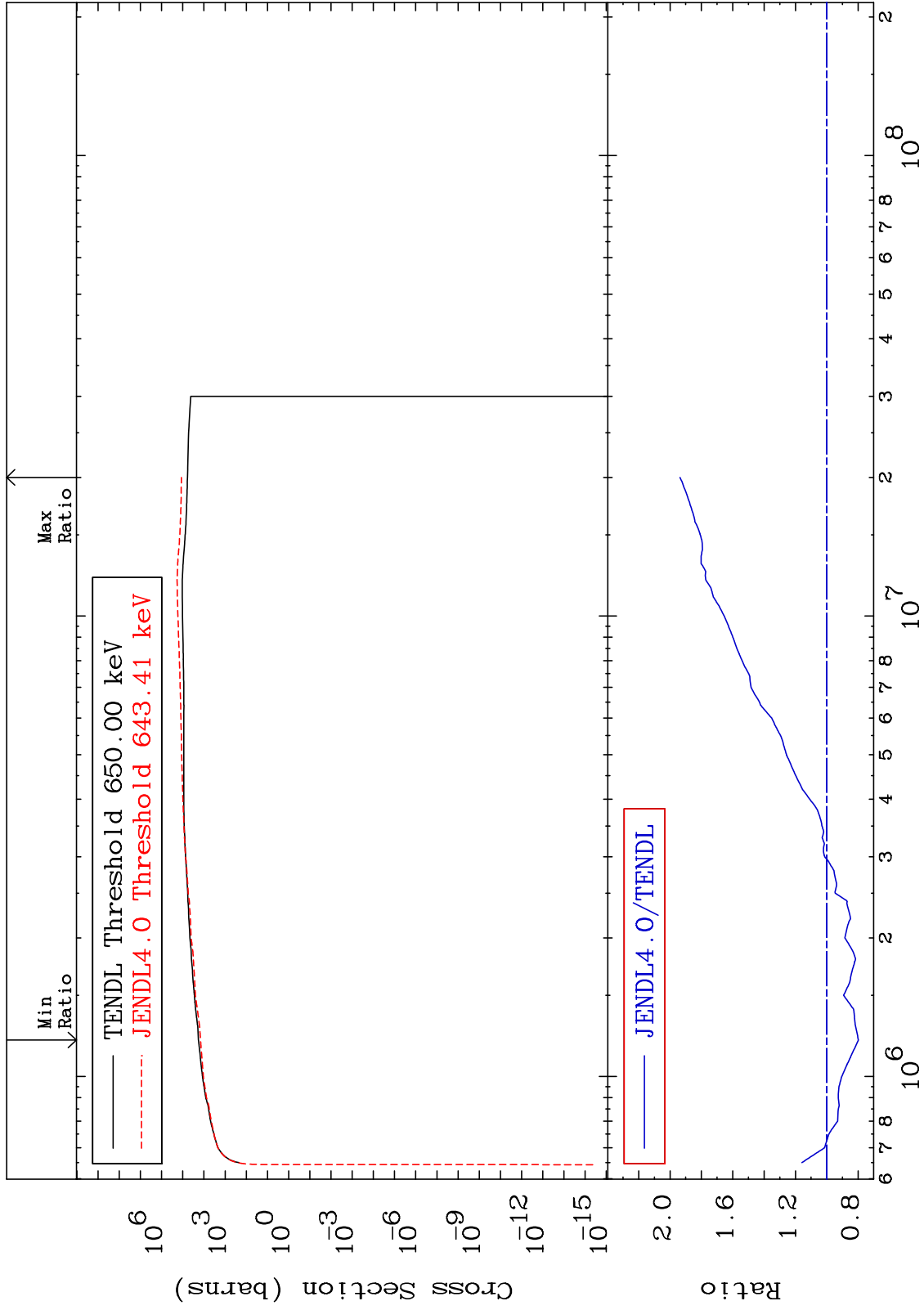
34-Se-74  
-99.98 To 9999. %



MAT 3425

Dpa inelastic (mt51-91)  
Cross Section

34-Se-74  
-20.17 To 93.64 %



51

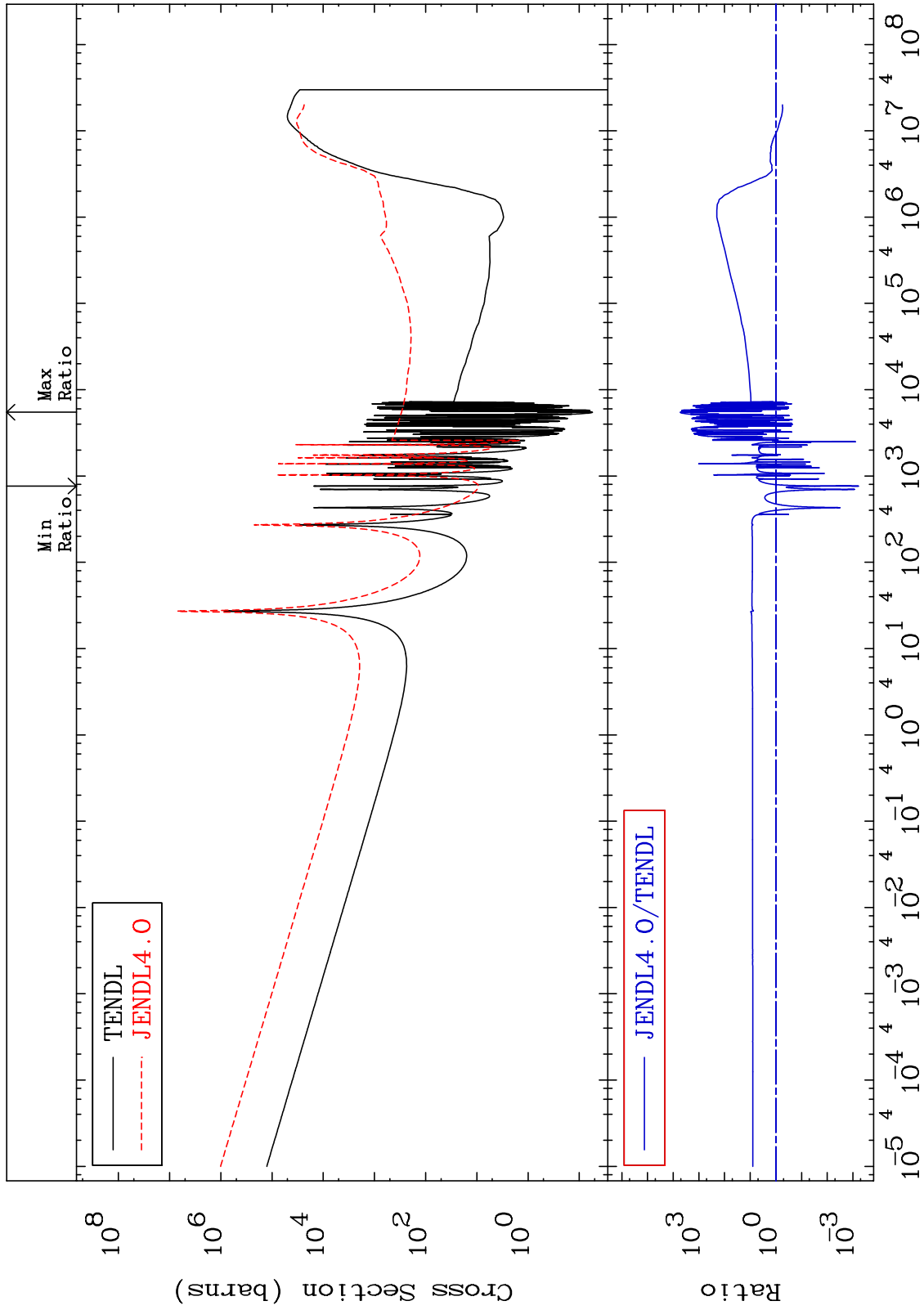
Incident Energy (eV)

34-Se-74

MAT 3425

Dpa disappearance (mt102 -120)  
Cross Section

34-Se-74  
-99.94 To 9999. %



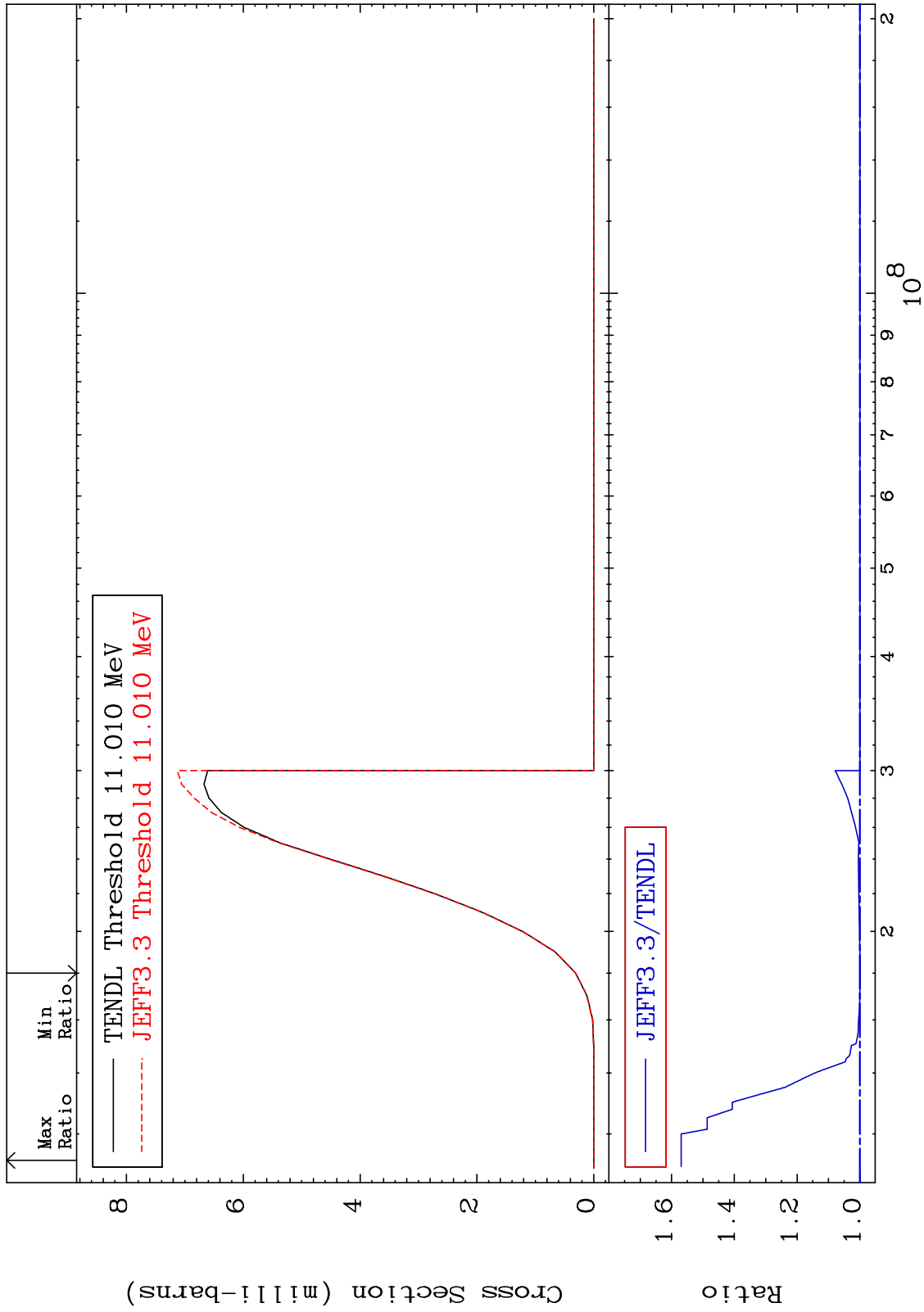
MAT 3425

(n, t)

<sup>34</sup>Se-74

Cross Section

-0.046 To 56.94 %



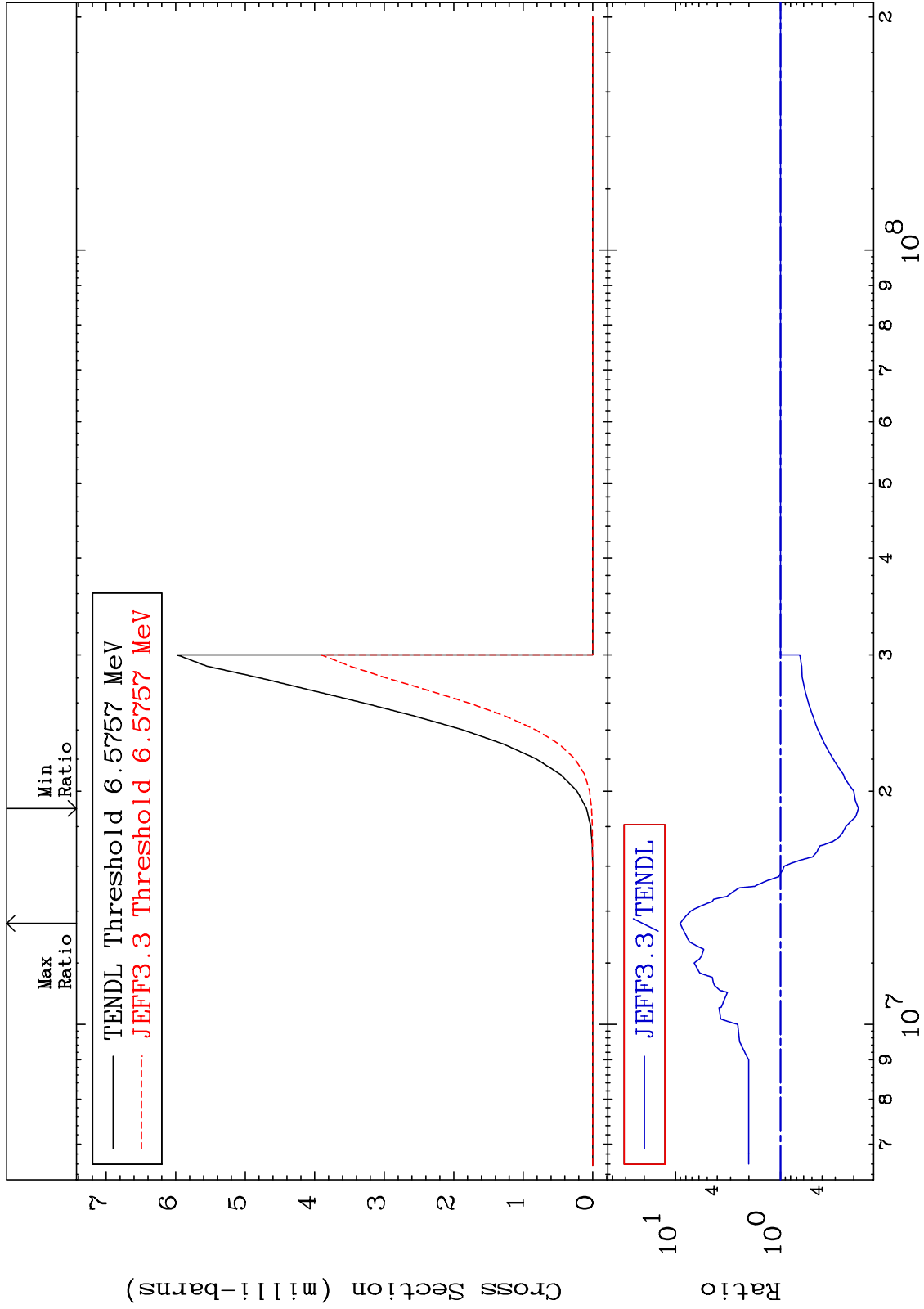
MAT 3425

(n, He-3)

<sup>34</sup>Se-74

Cross Section

-81.96 To 808.3 %



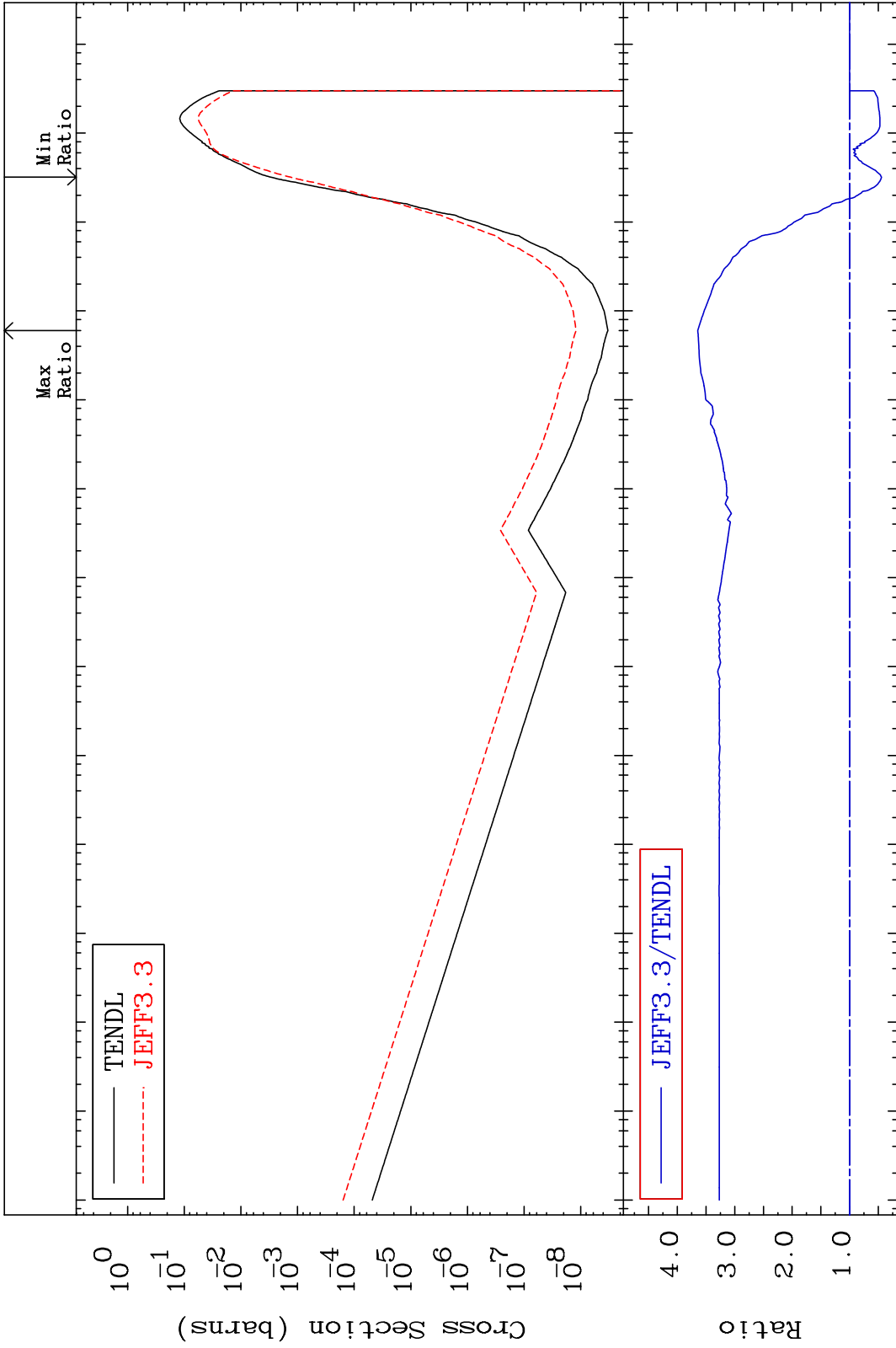
MAT 3425

(n,  $\alpha$ )

34-Se-74

Cross Section

-55.61 To 264.4 %



Incident Energy (eV) 34-Se-74



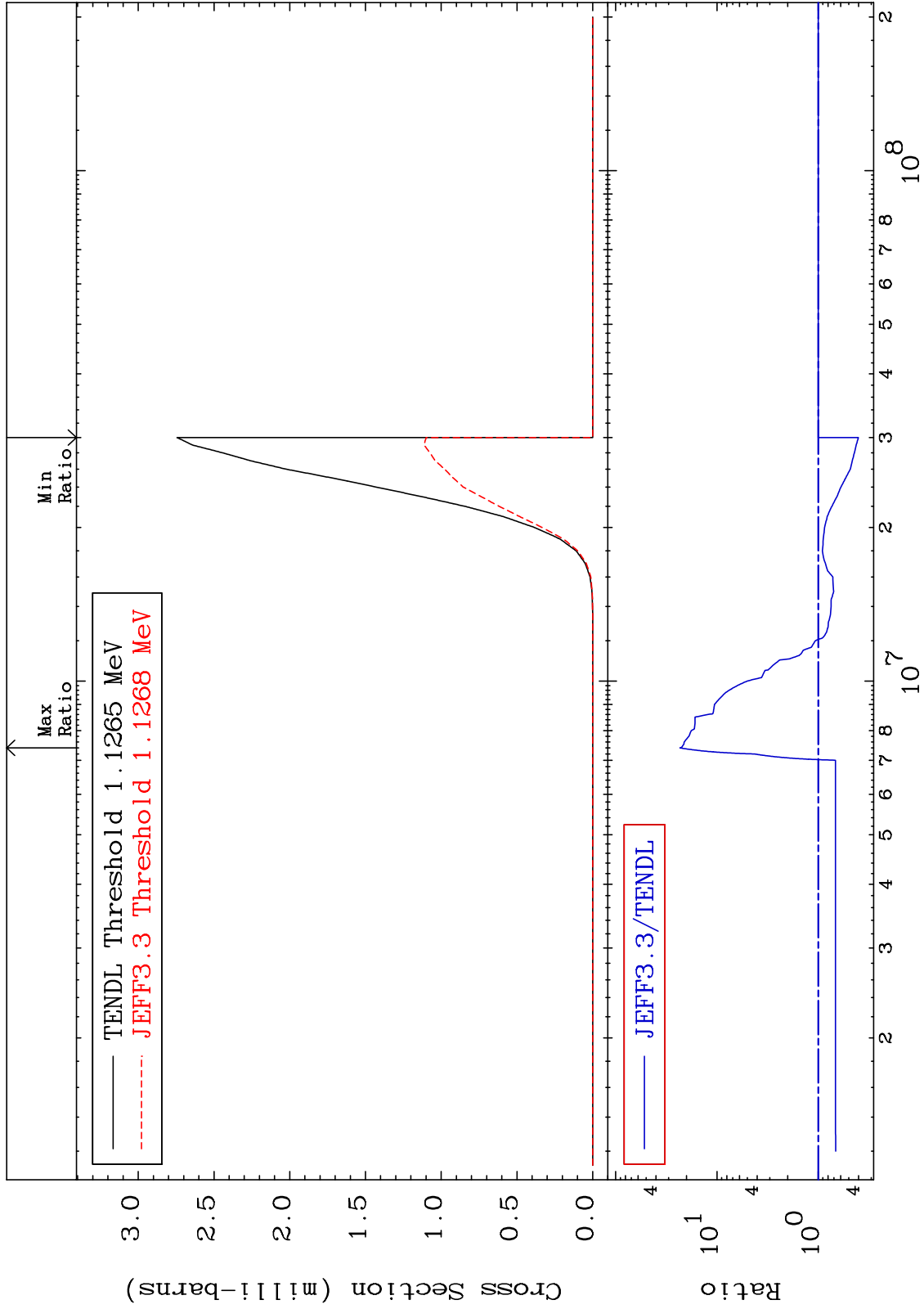
MAT 3425

(n, 2α)

<sup>34</sup>Se-74

-59.91 To 2216. %

Cross Section



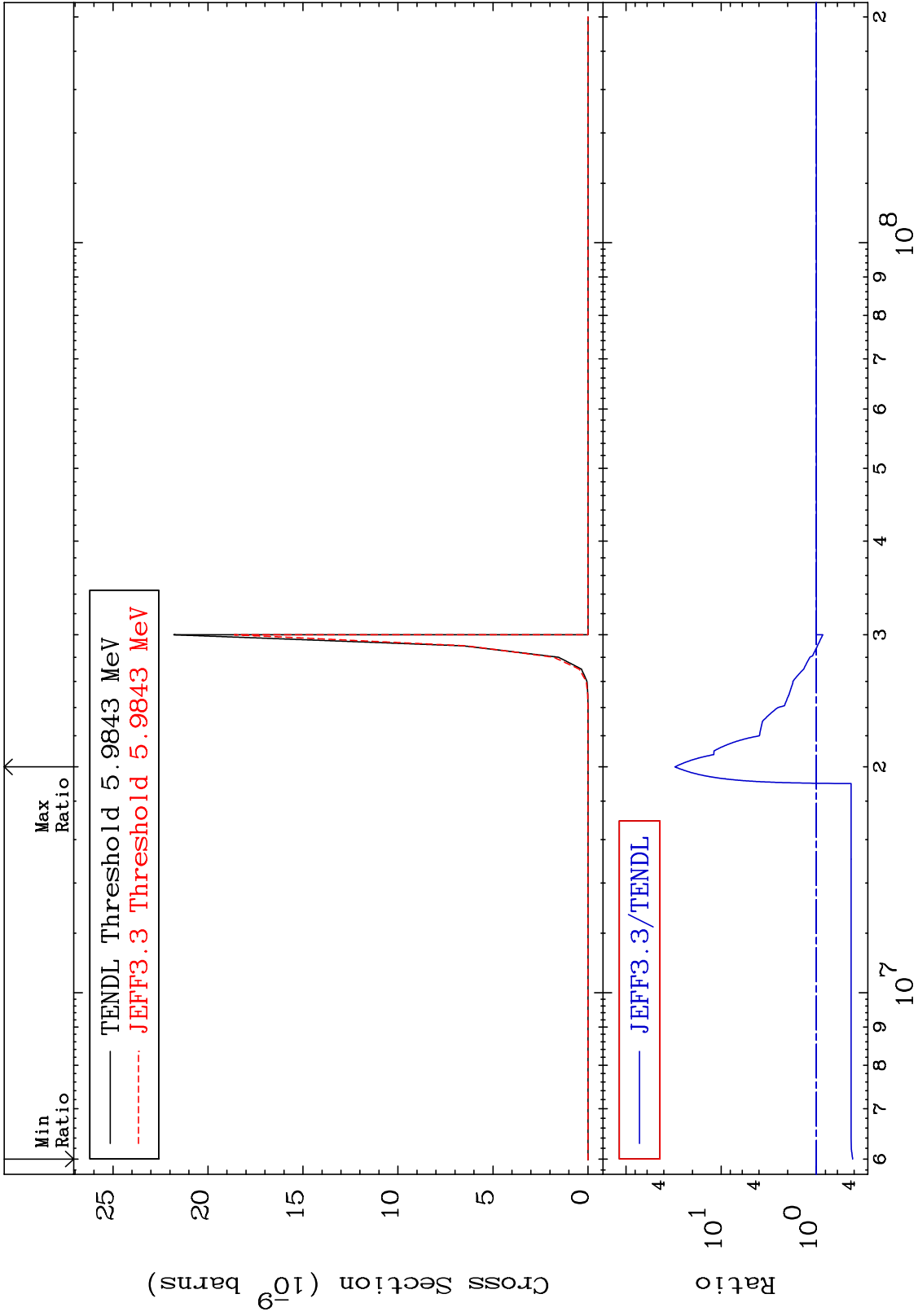
MAT 3425

(n, 3α)

<sup>34</sup>Se-74

Cross Section

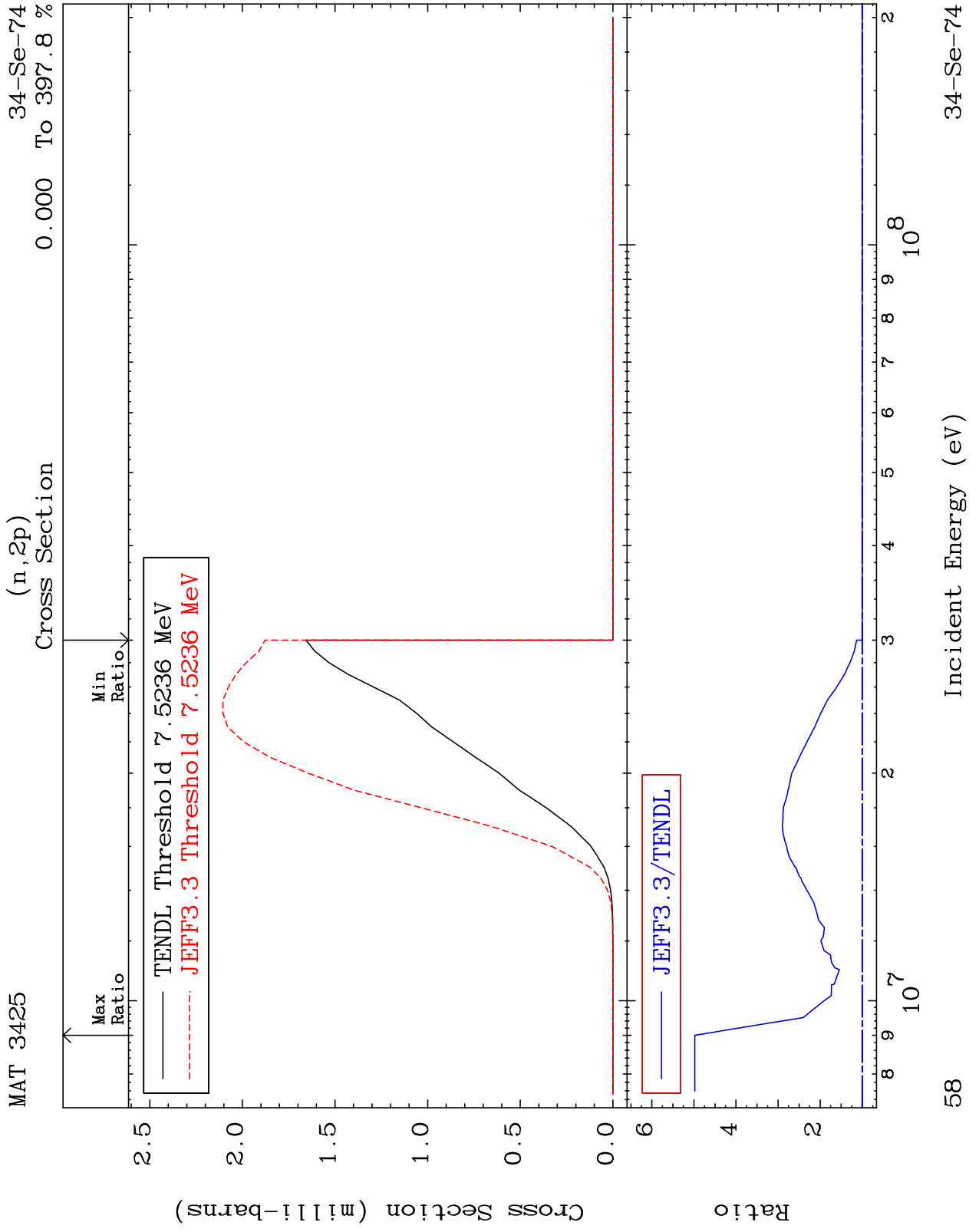
-58.52 To 2955. %



57

Incident Energy (eV)

<sup>34</sup>Se-74



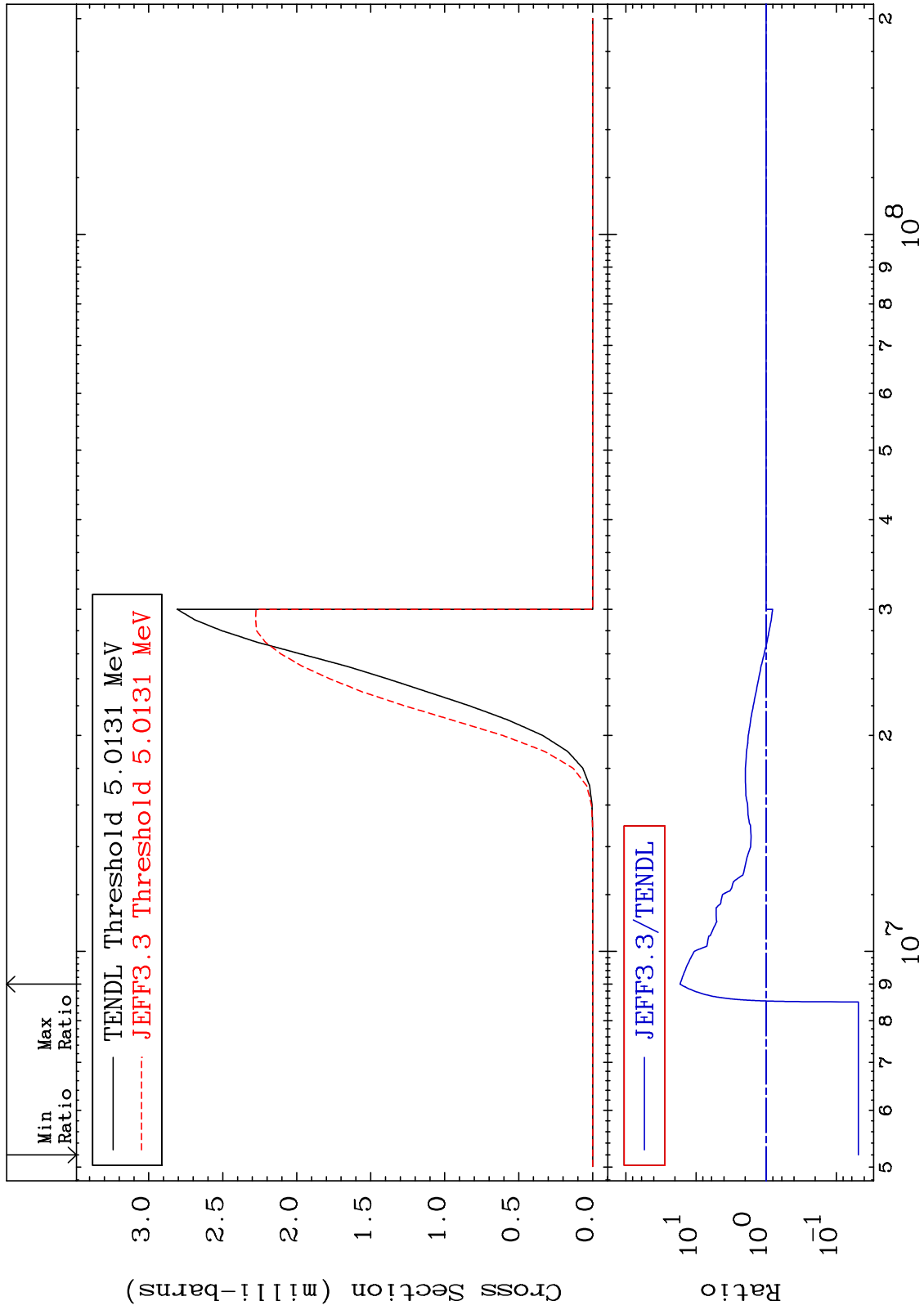
MAT 3425

(n,p)  $\alpha$

<sup>34</sup>Se-74

Cross Section

-95.16 To 1592. %



59

Incident Energy (eV)

<sup>34</sup>Se-74

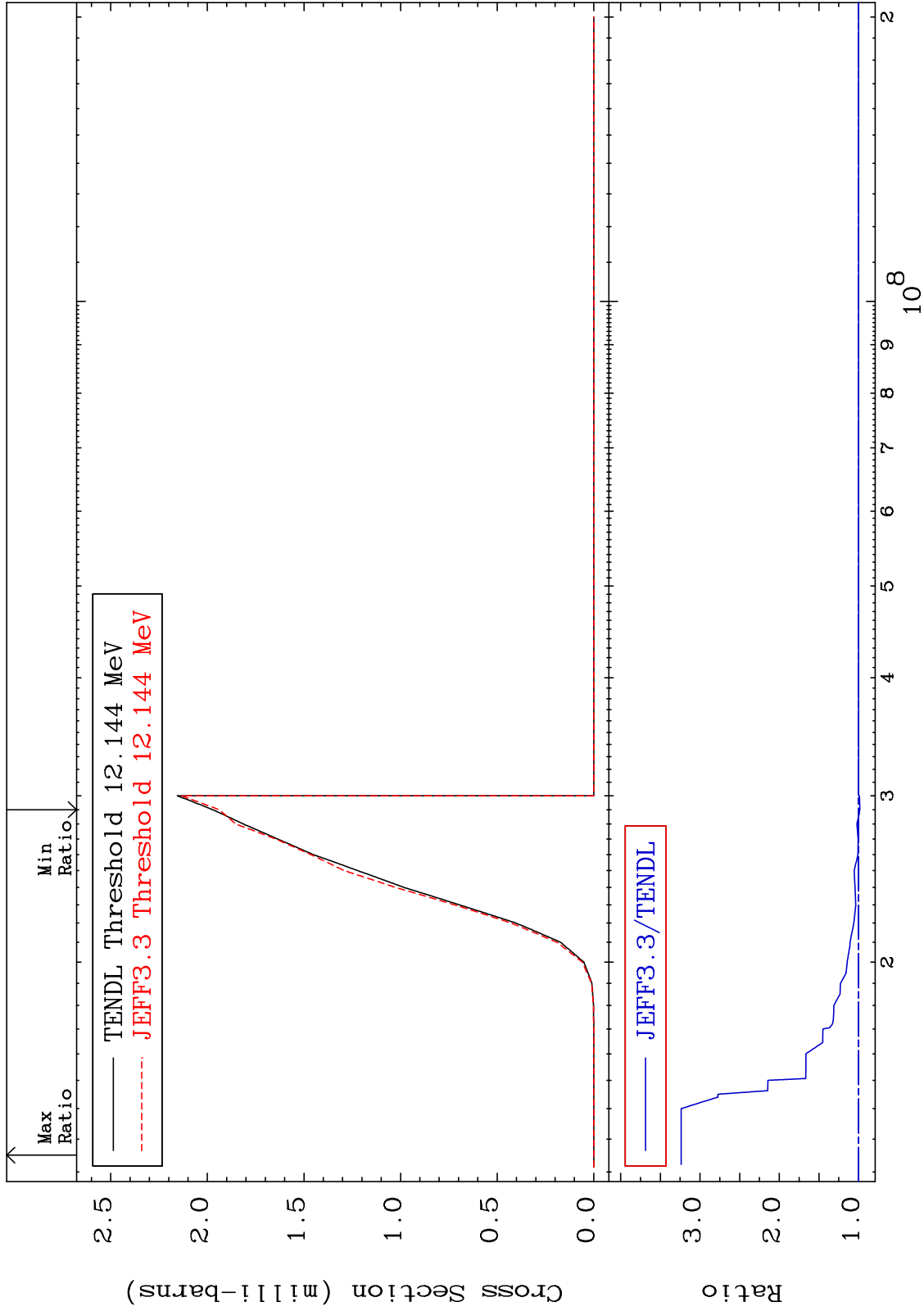
MAT 3425

(n,p) d

<sup>34</sup>Se-74

Cross Section

-1.639 To 223.6 %



60

Incident Energy (eV)

<sup>34</sup>Se-74

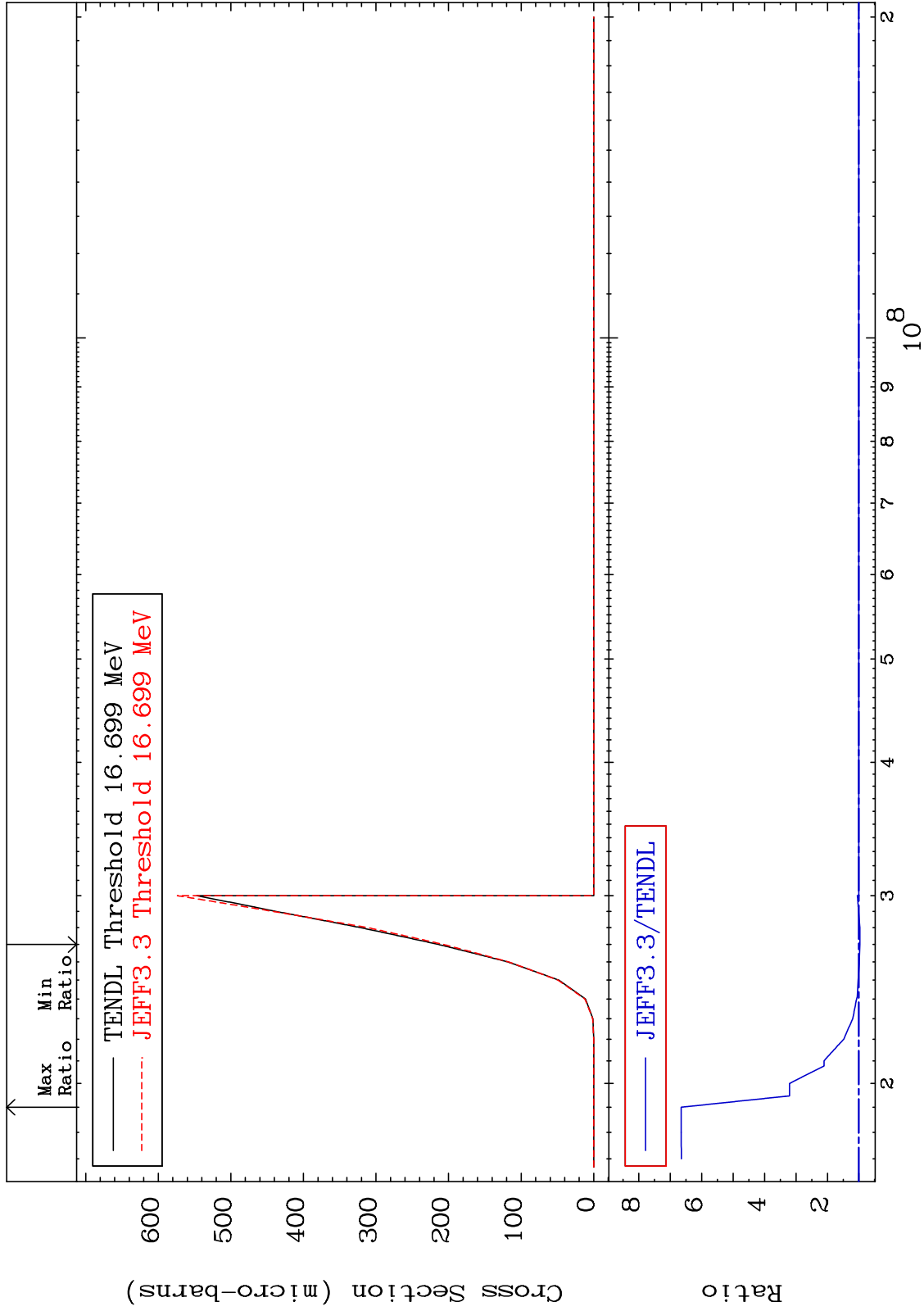
MAT 3425

(n,p) t

<sup>34</sup>Se-74

Cross Section

-3.295 To 565.1 %



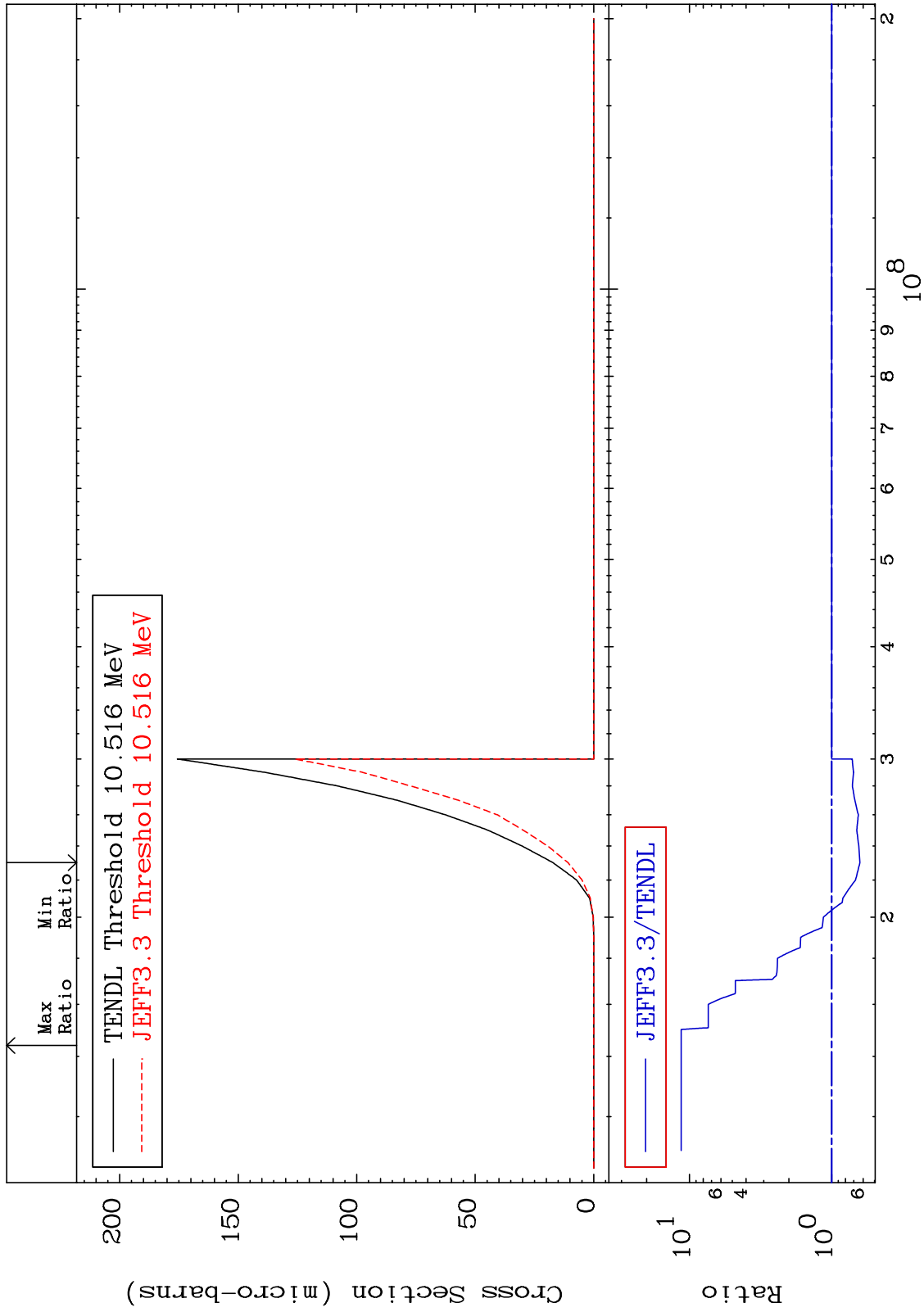
MAT 3425

(n,d)  $\alpha$

<sup>34</sup>Se-74

Cross Section

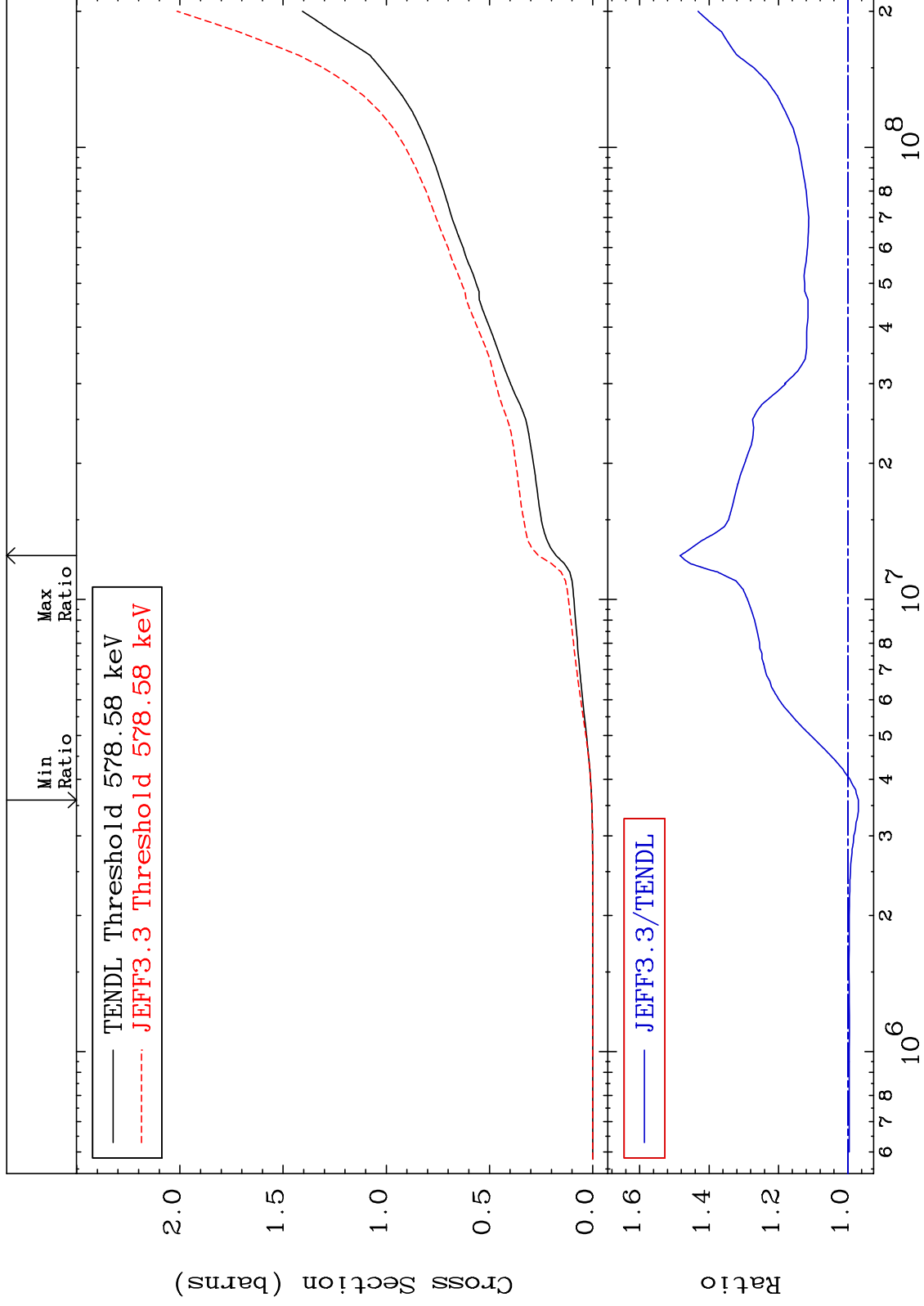
-36.70 To 1042. %



MAT 3425

Hydrogen Production  
Cross Section

<sup>34</sup>Se-74  
-3.043 To 48.38 %



63

Incident Energy (eV)

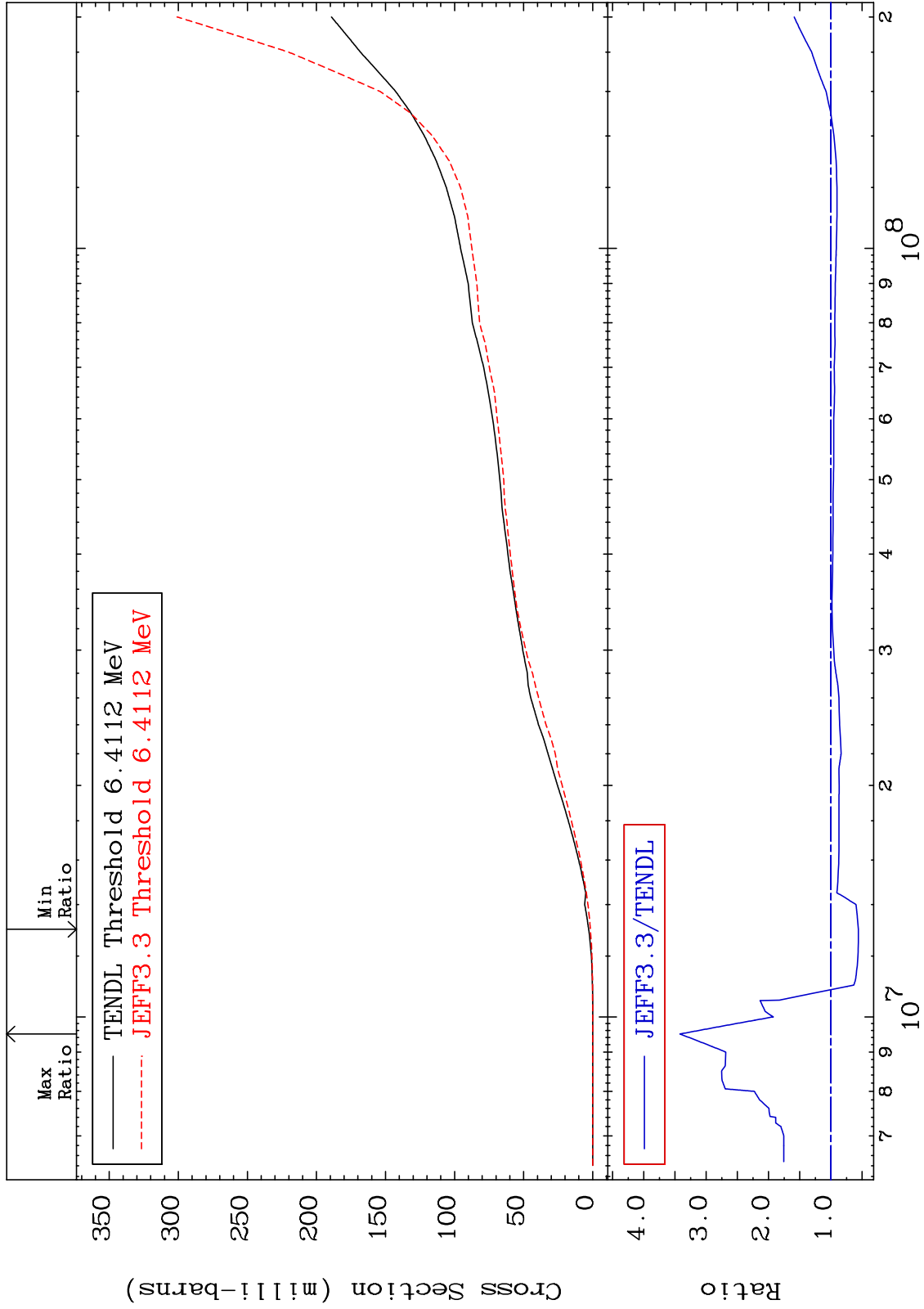
<sup>34</sup>Se-74



MAT 3425

Deuterium Production  
Cross Section

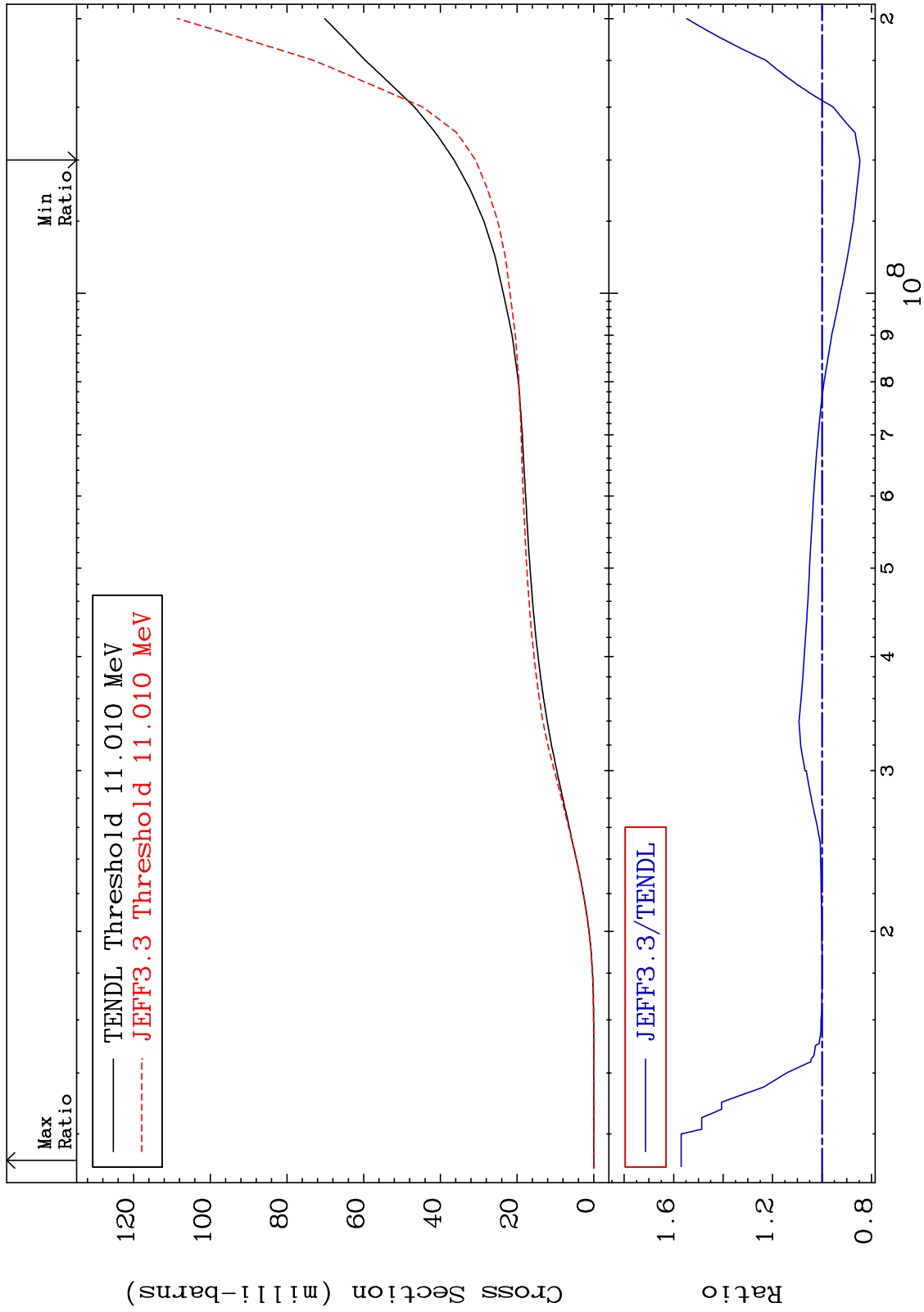
<sup>34</sup>Se-74  
-43.99 To 242.0 %



MAT 3425

Tritium Production  
Cross Section

$^{34}\text{Se-74}$   
-15.33 To 56.94 %



65

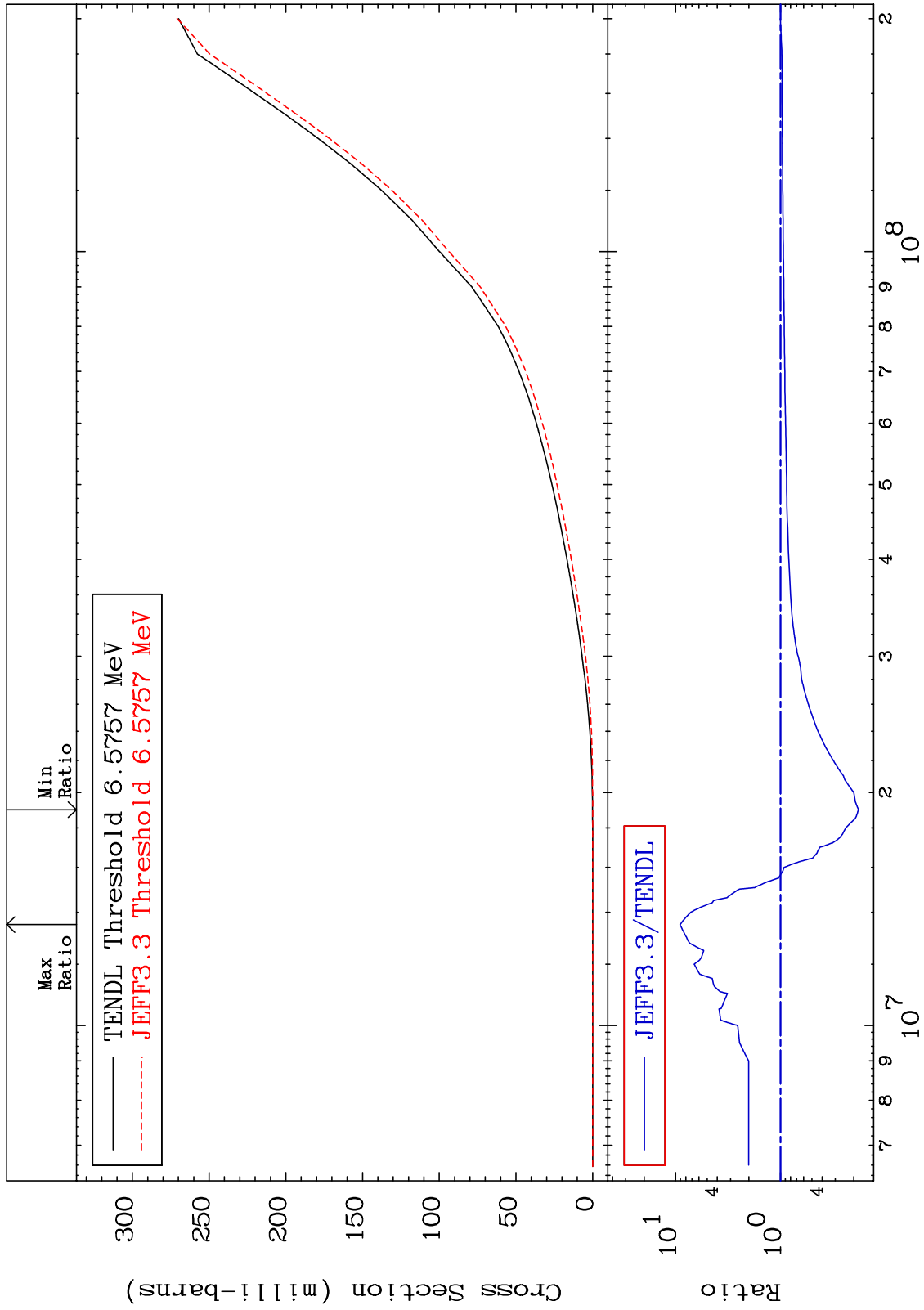
Incident Energy (eV)

$^{34}\text{Se-74}$

MAT 3425

He-3 Production  
Cross Section

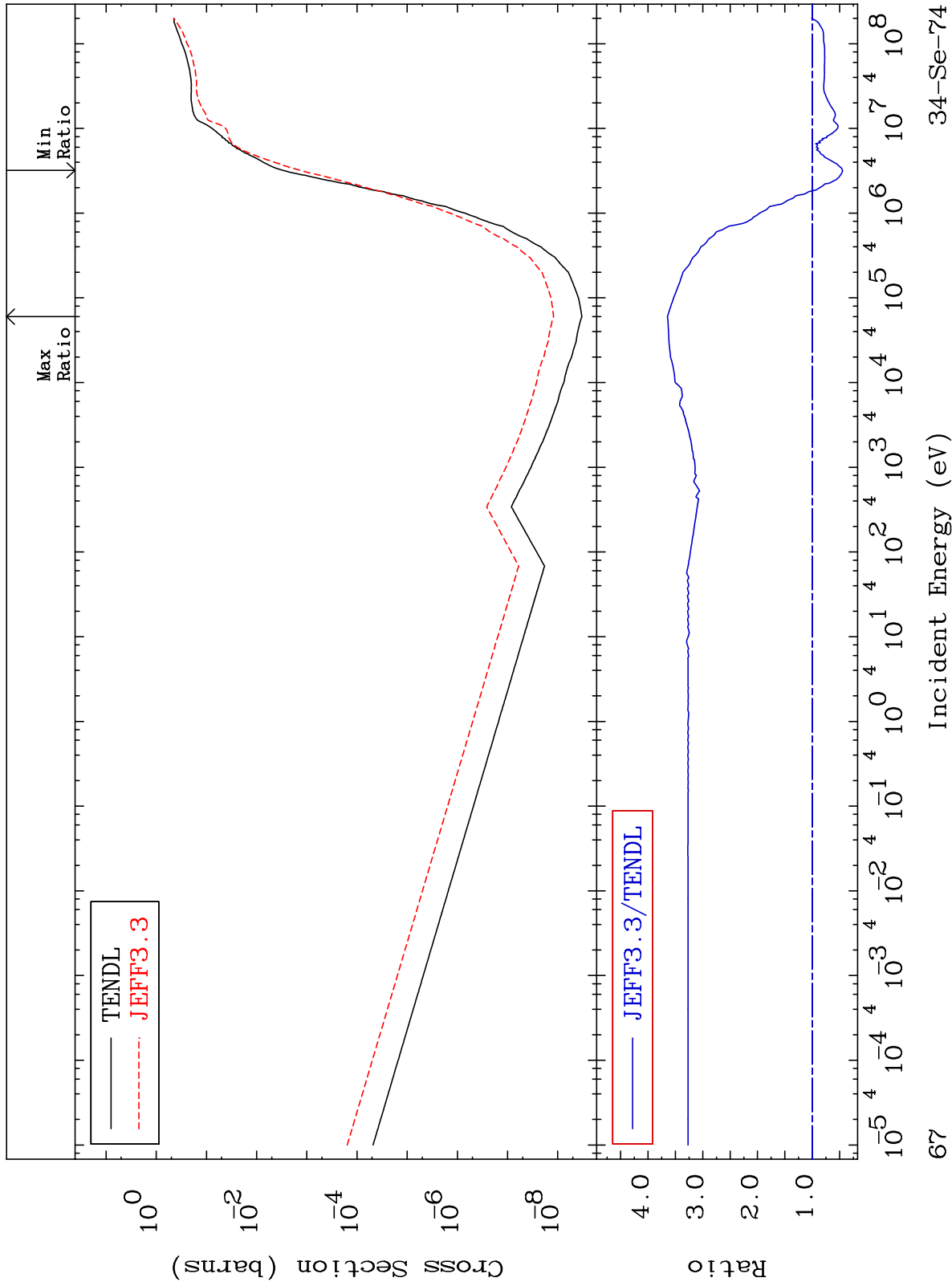
34-Se-74  
-81.96 To 808.3 %



MAT 3425

He-4 Production  
Cross Section

34-Se-74  
-55.61 To 264.4 %



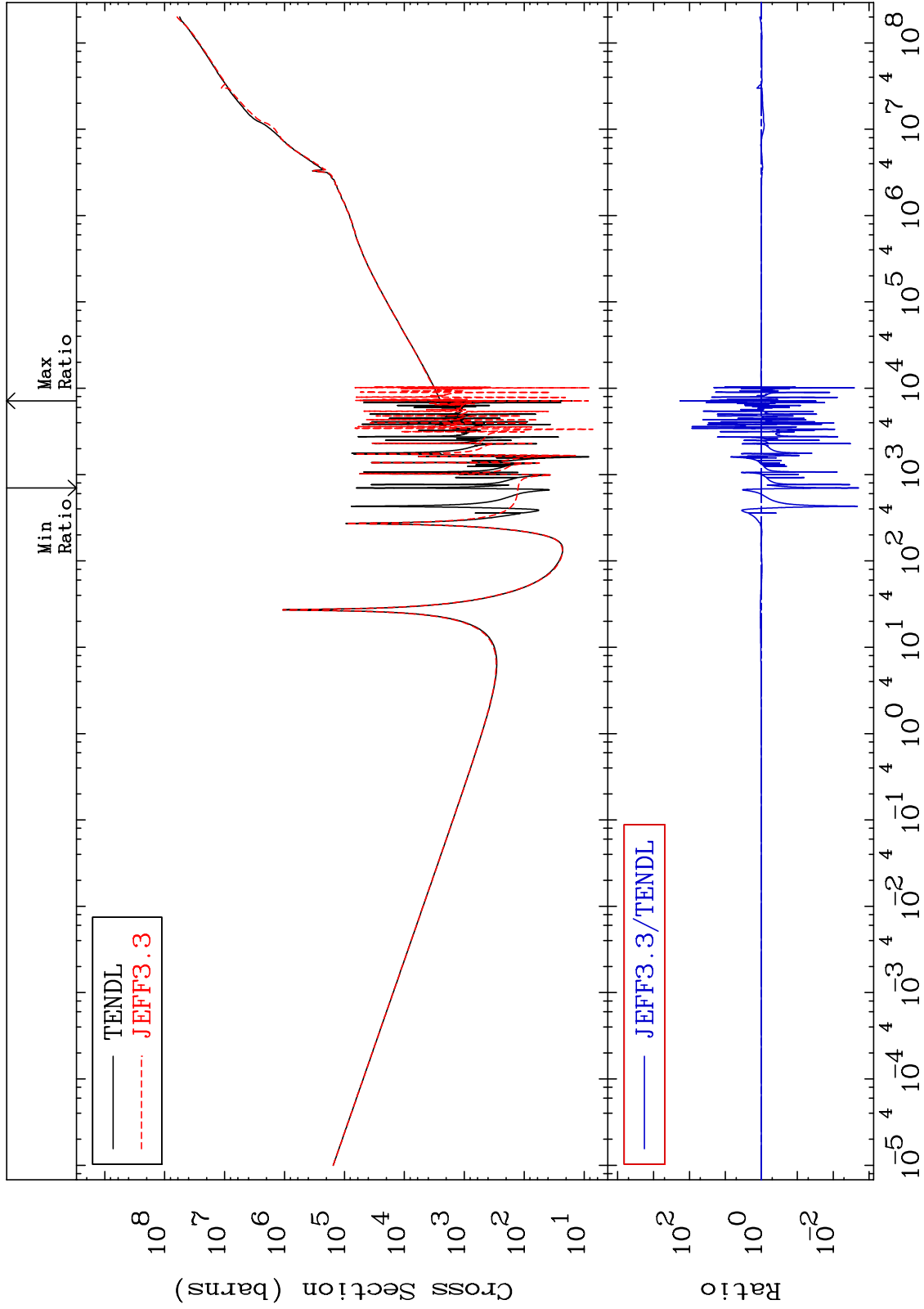
67

34-Se-74

MAT 3425

Kerma total (eV-barns)  
Cross Section

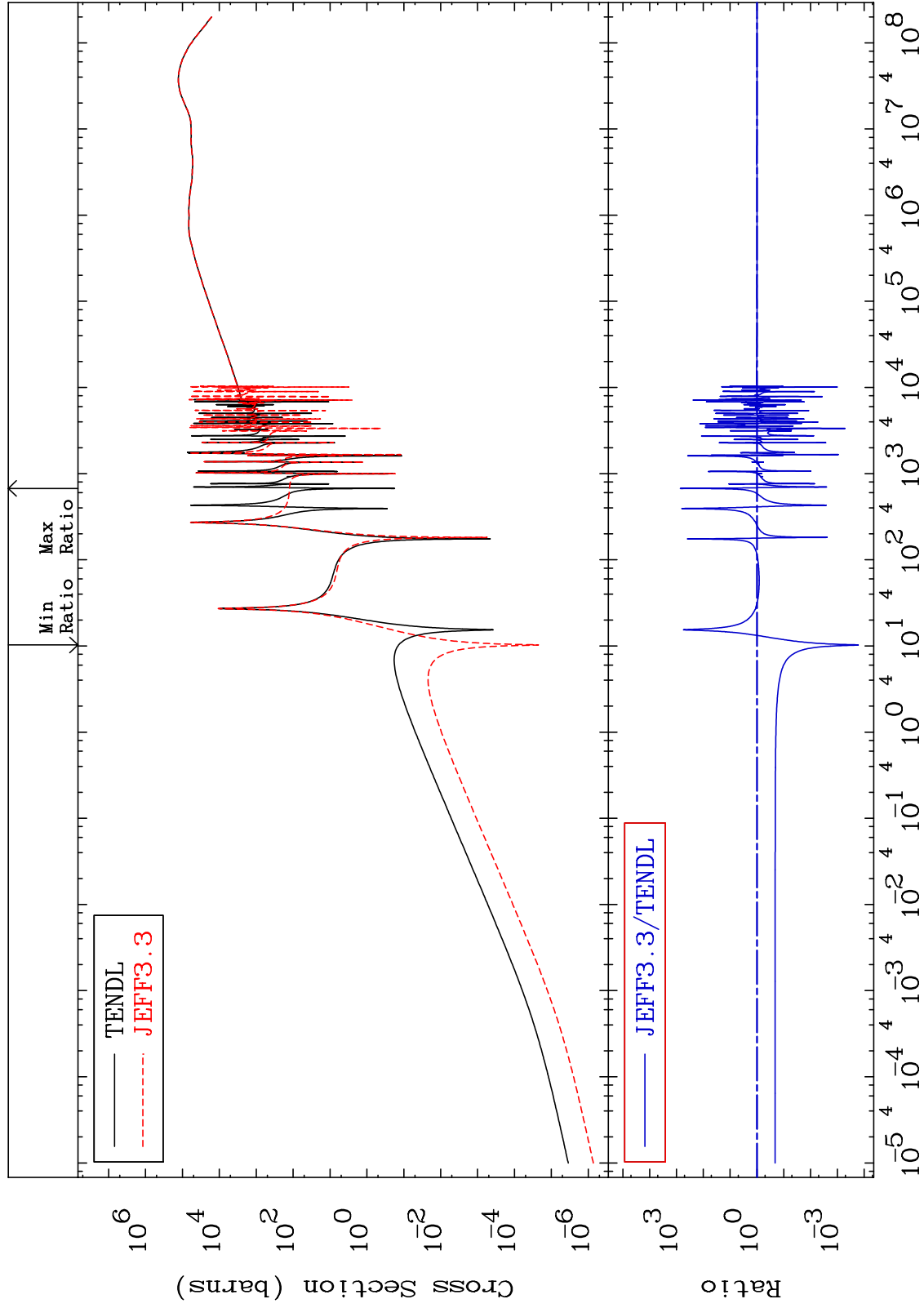
34-Se-74  
-99.80 To 9999. %



MAT 3425

Kerma elastic  
Cross Section

34-Se-74  
-99.98 To 9999. %



69

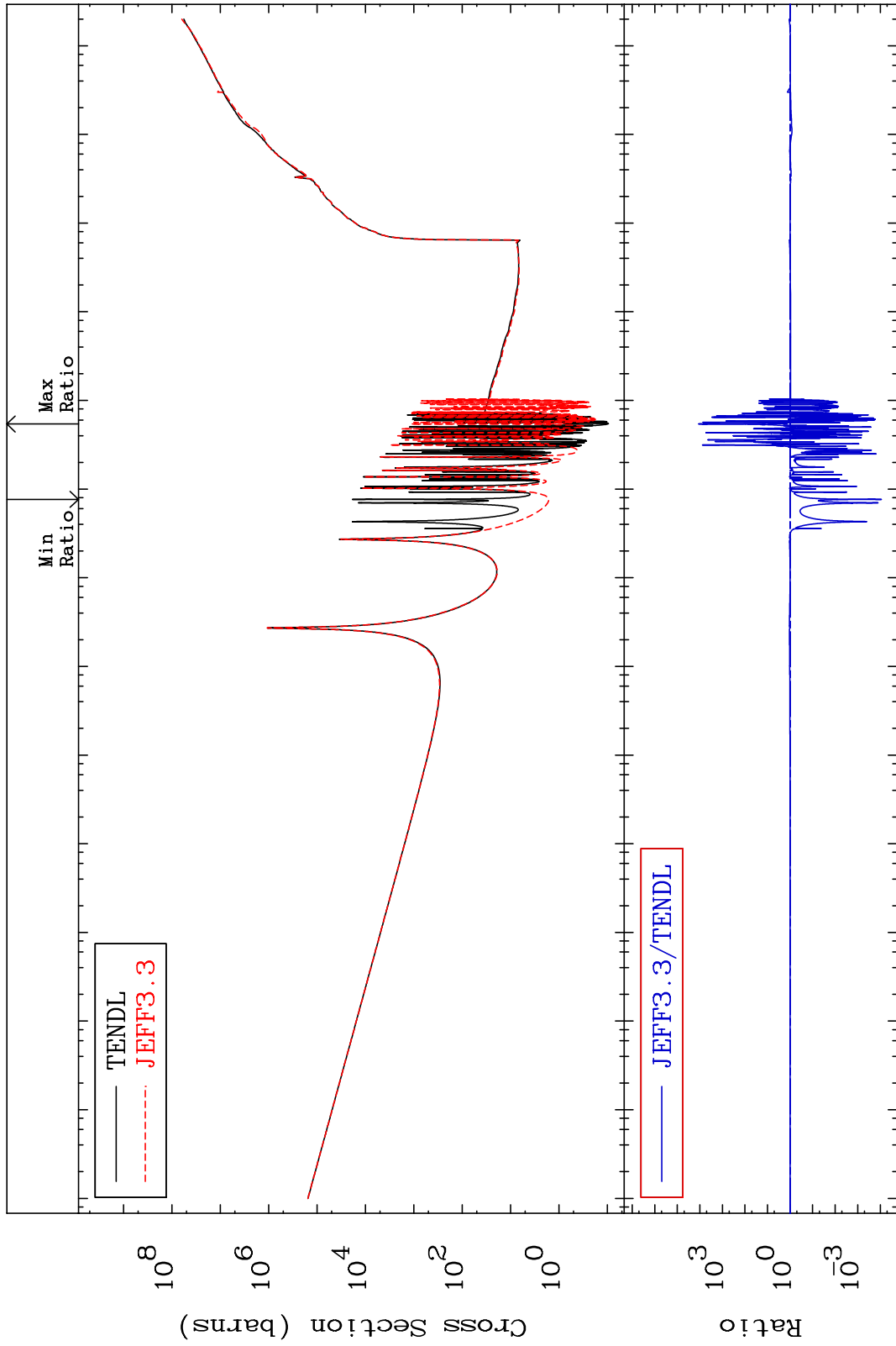
Incident Energy (eV)

34-Se-74

MAT 3425

Kerma non-elastic (all but mt2)  
Cross Section

34-Se-74  
-99.99 To 9999. %



70

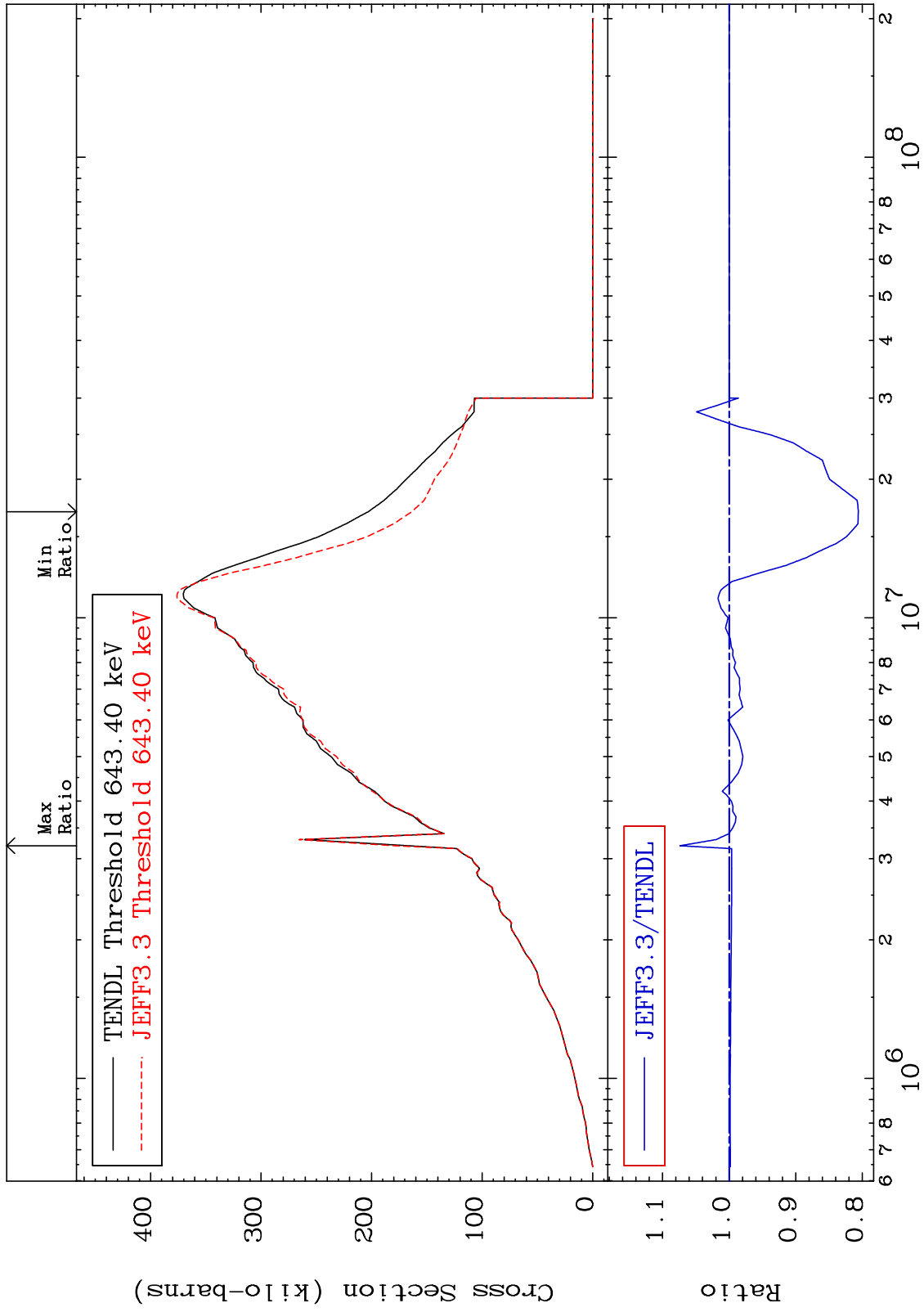
Incident Energy (eV)

34-Se-74

MAT 3425

Kerma inelastic (mt51-91)  
Cross Section

34-Se-74  
-19.41 To 7.379 %



71

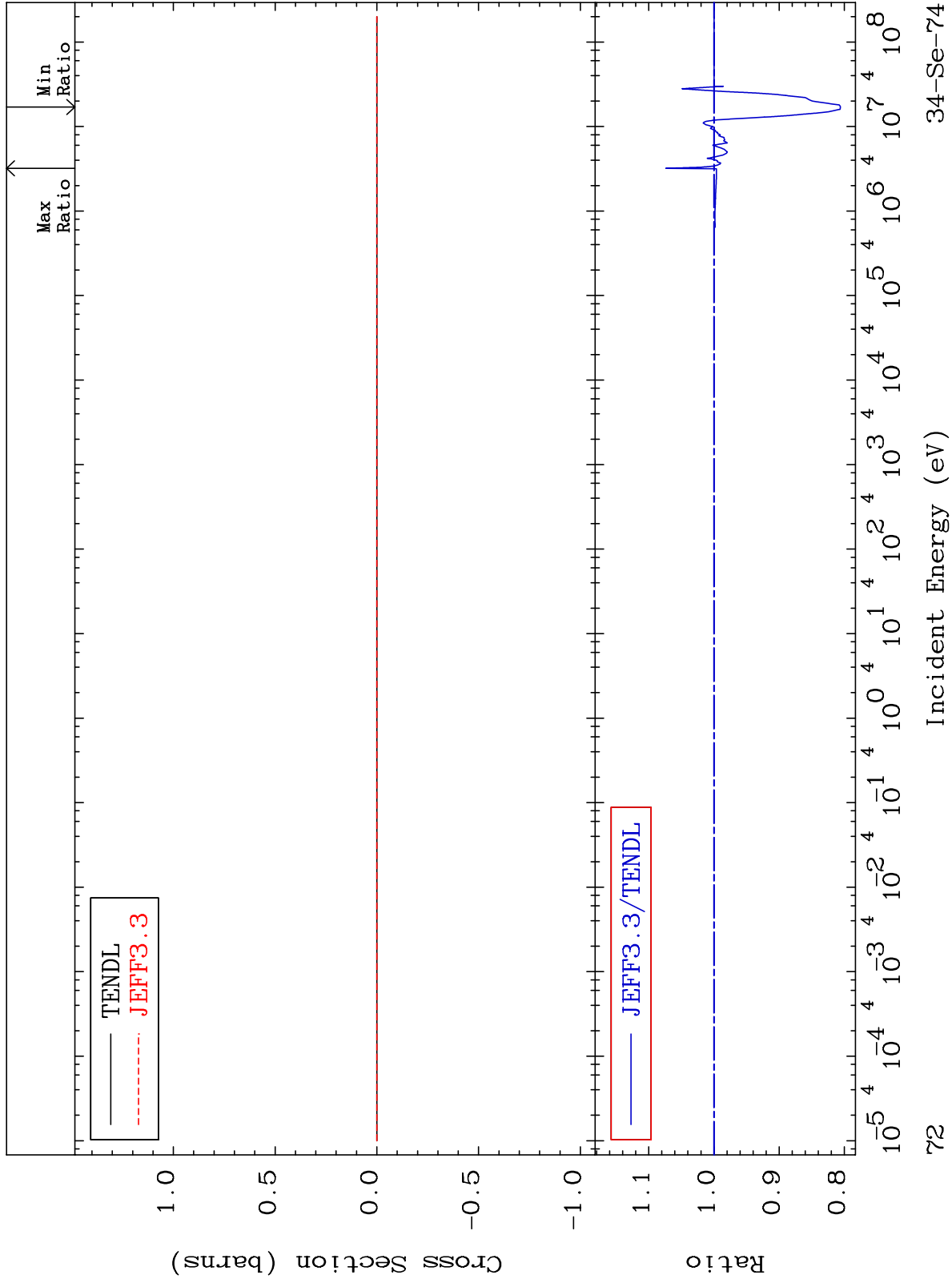
34-Se-74



MAT 3425

Kerma fission (mt18 or mt19-20-21-38)  
Cross Section

34-Se-74  
-19.41 To 7.379 %



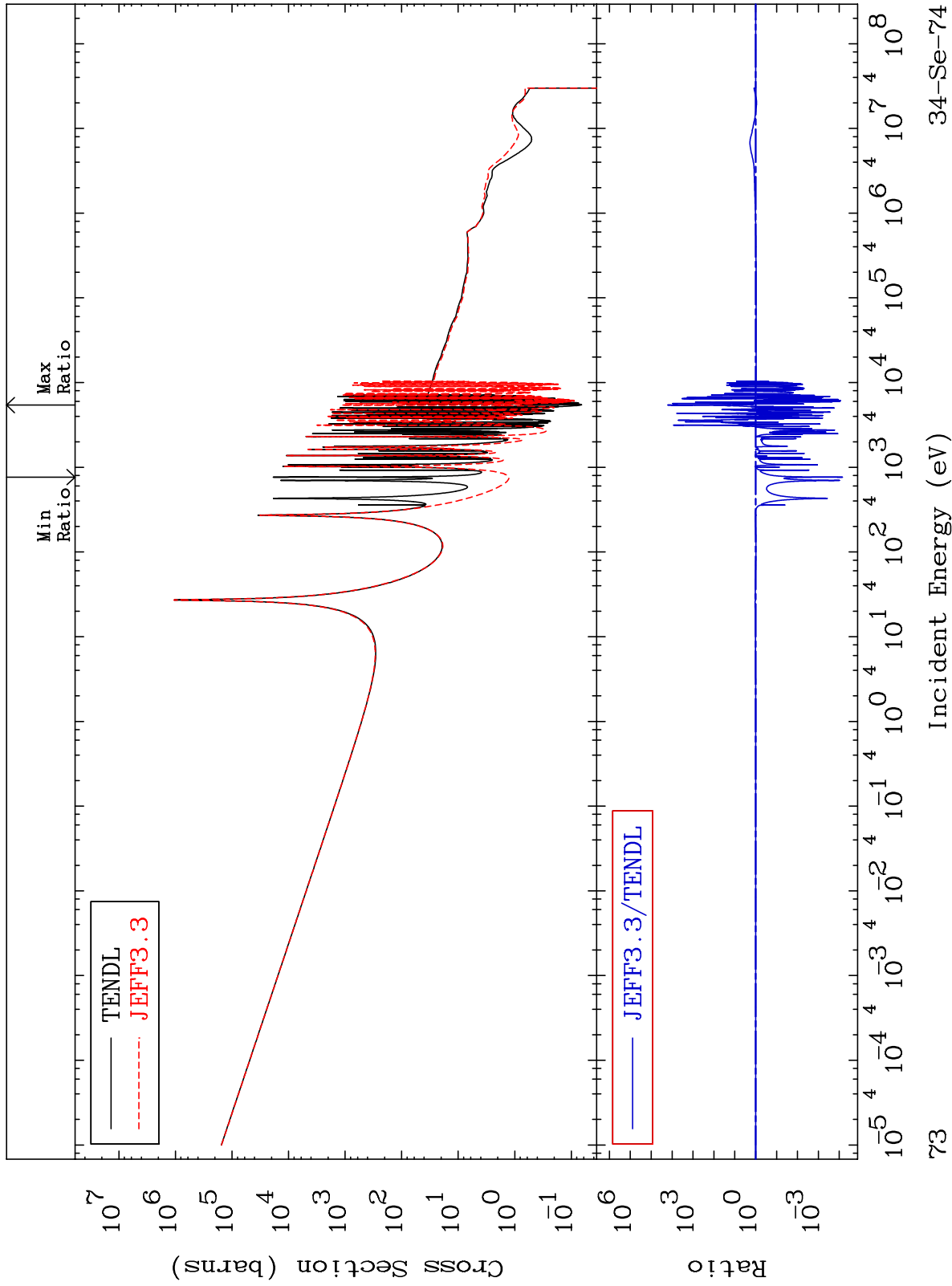
72

34-Se-74

MAT 3425

Kerma capture (mt102)  
Cross Section

34-Se-74  
-99.99 To 9999. %



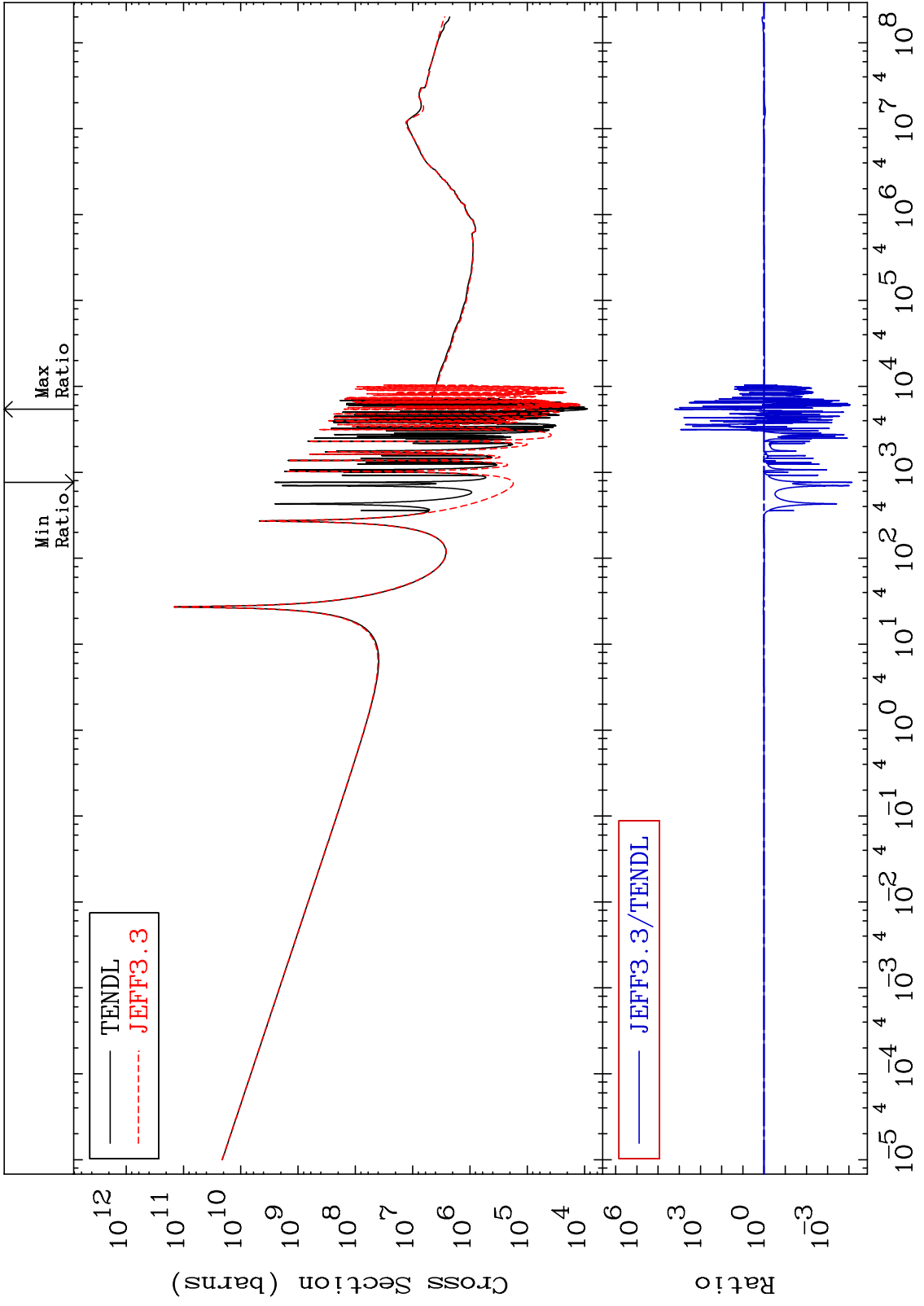
73

34-Se-74

MAT 3425

Total photon (eV-barns)  
Cross Section

34-Se-74  
-99.99 To 9999. %



74

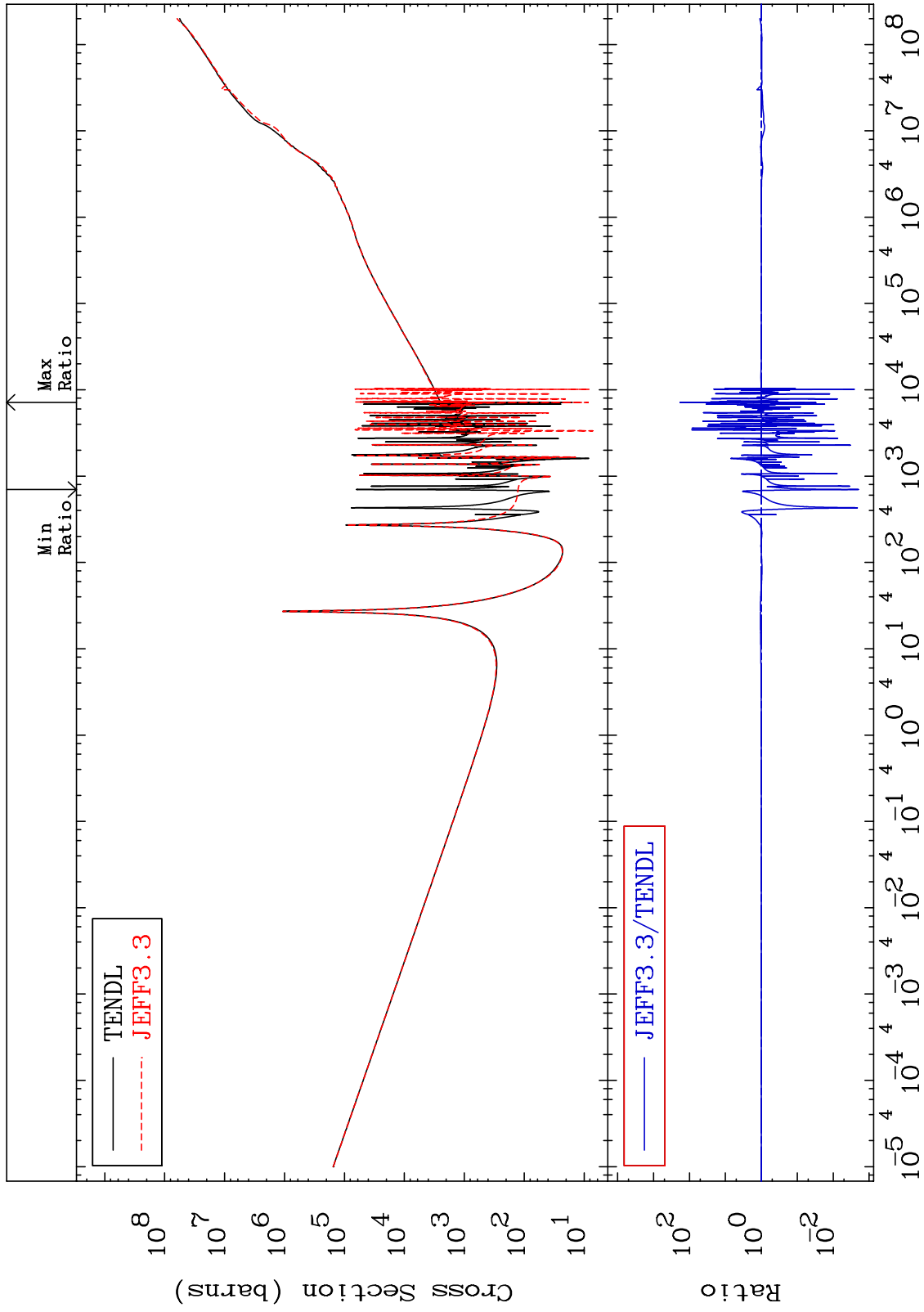
Incident Energy (eV)

34-Se-74

MAT 3425

Total kinematic kerma (high limit)  
Cross Section

34-Se-74  
-99.80 To 9999. %



75

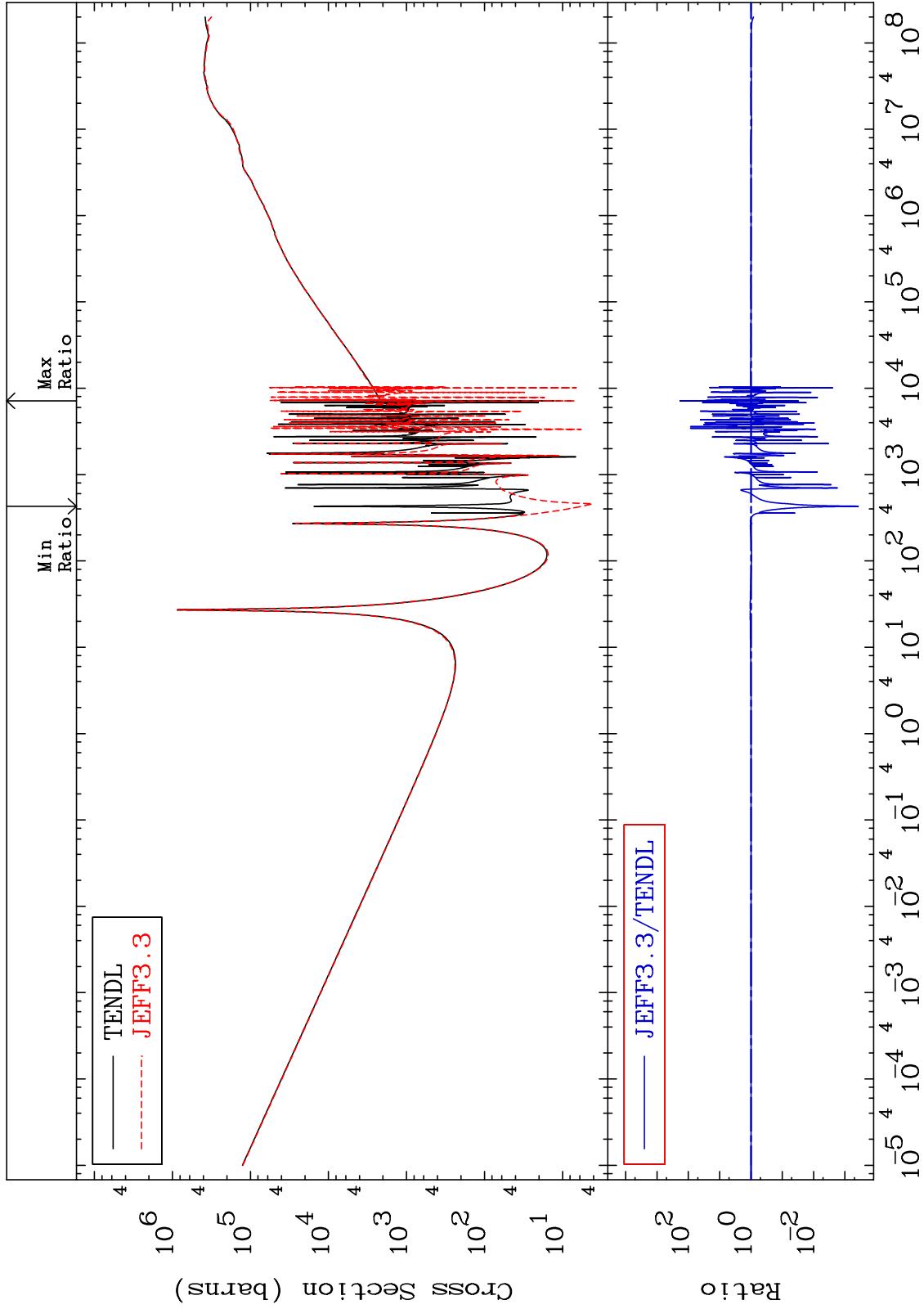
Incident Energy (eV)

34-Se-74

MAT 3425

Dpa total (eV-barns)  
Cross Section

34-Se-74  
-99.96 To 9999. %



76

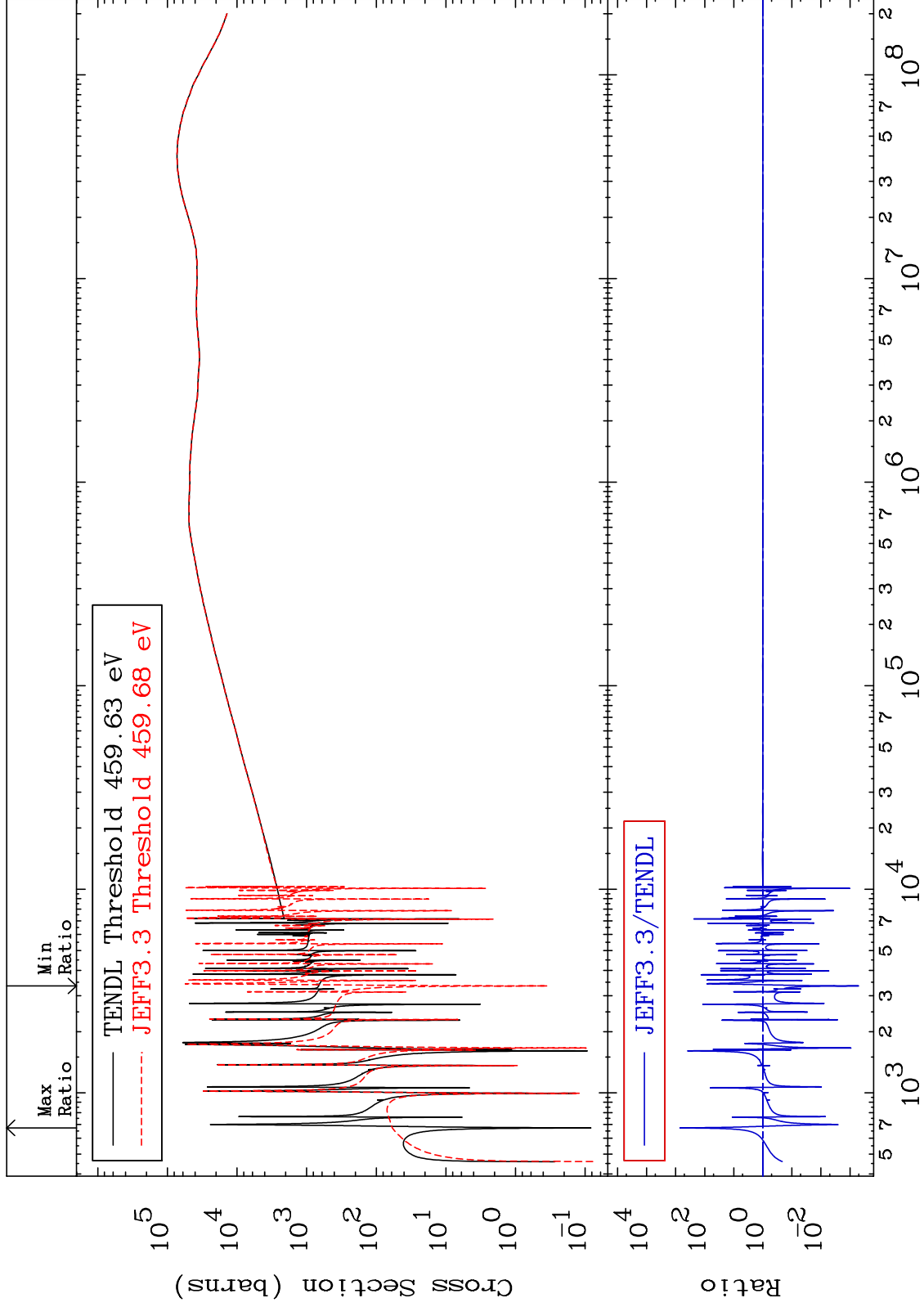
Incident Energy (eV)

34-Se-74

MAT 3425

Dpa elastic (mt2)  
Cross Section

34-Se-74  
-99.95 To 9999. %



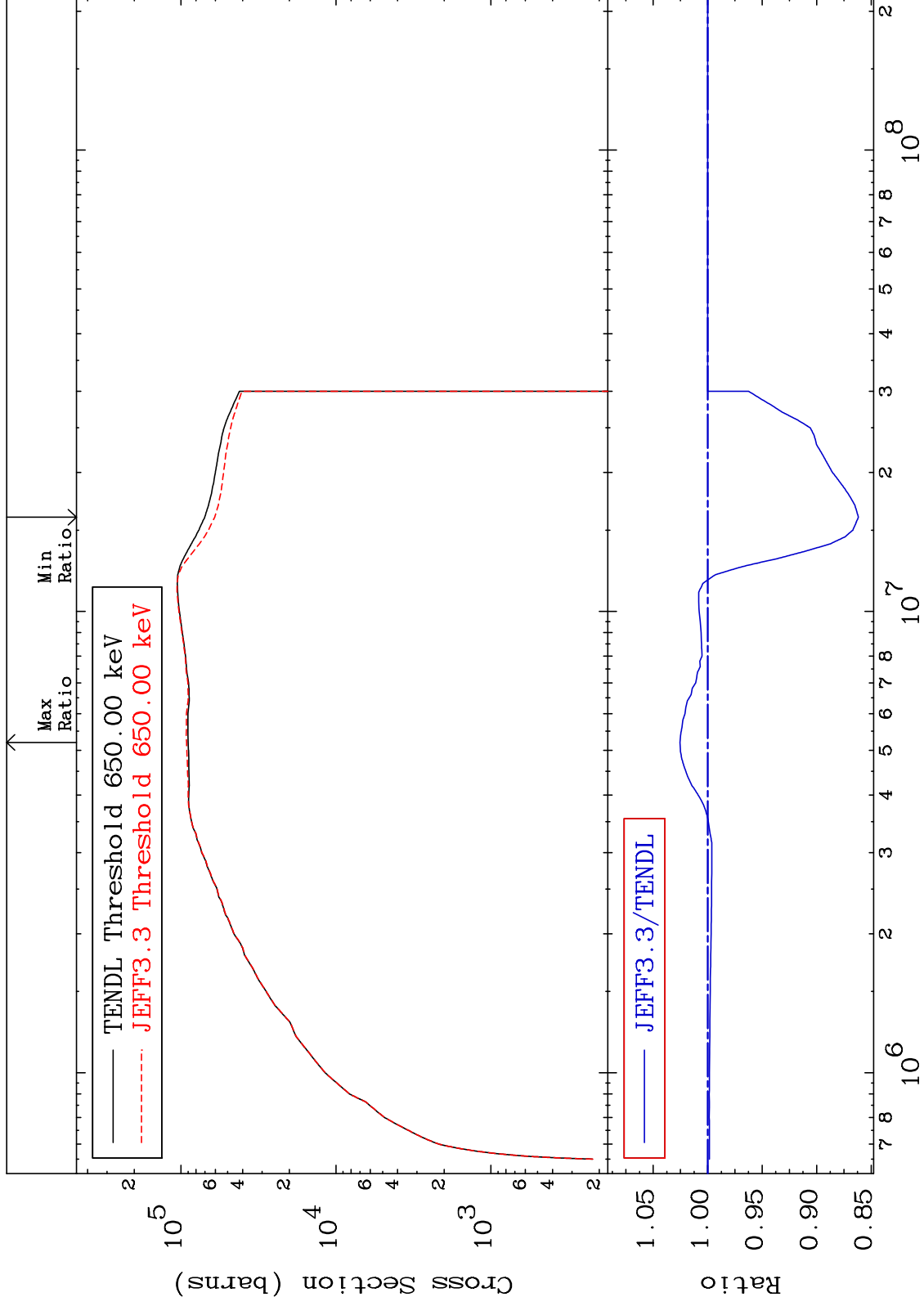
77

34-Se-74

MAT 3425

Dpa inelastic (mt51-91)  
Cross Section

34-Se-74  
-13.83 To 2.537 %



78

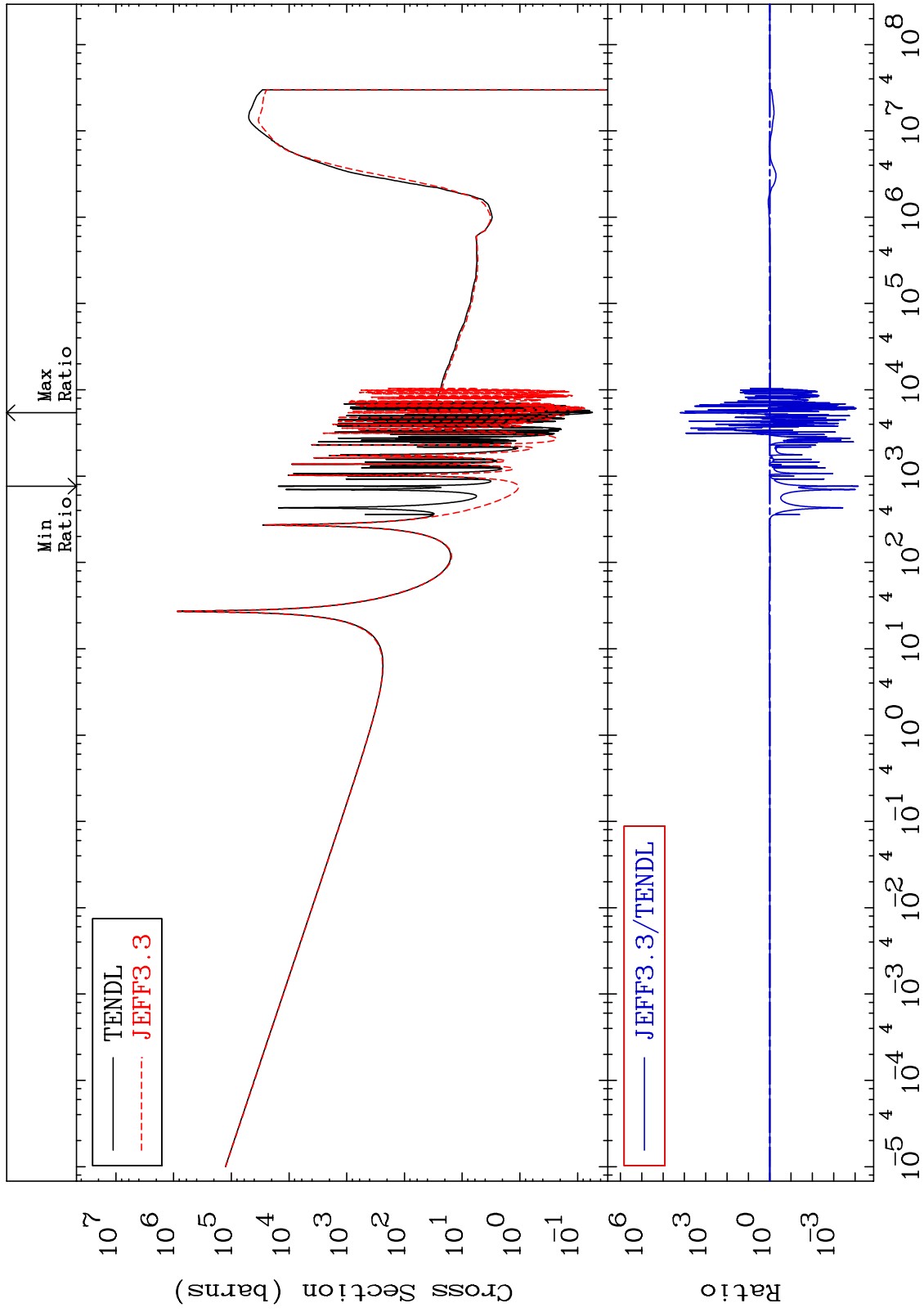
Incident Energy (eV)

34-Se-74

MAT 3425

Dpa disappearance (mt102 -120)  
Cross Section

34-Se-74  
-99.99 To 9999. %



79

Incident Energy (eV)

34-Se-74

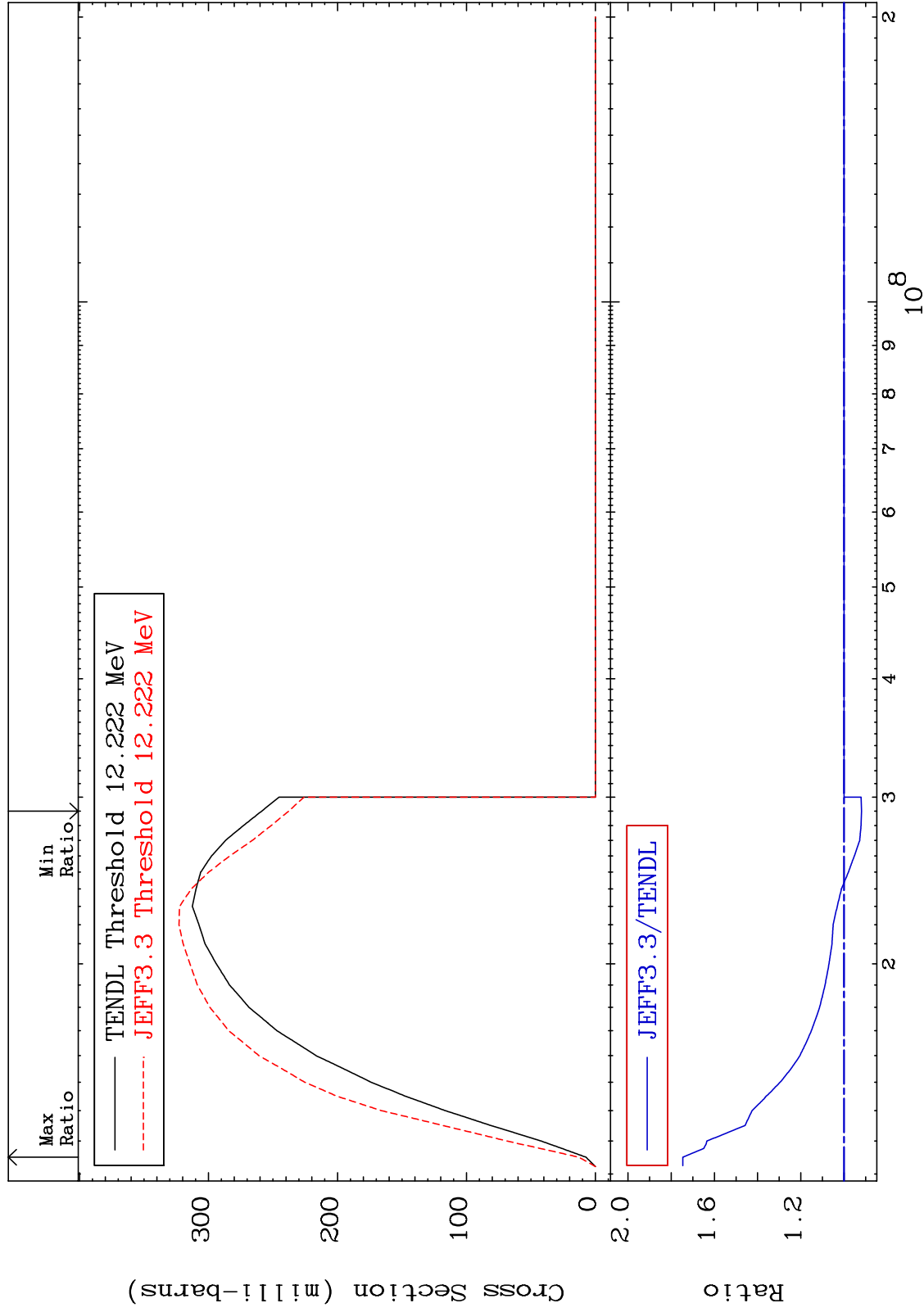


MAT 3425

(n,2n):34-Se-73g

34-Se-74

Radionuclide Production Cross Section -8.117 To 74.60 %



80

Incident Energy (eV)

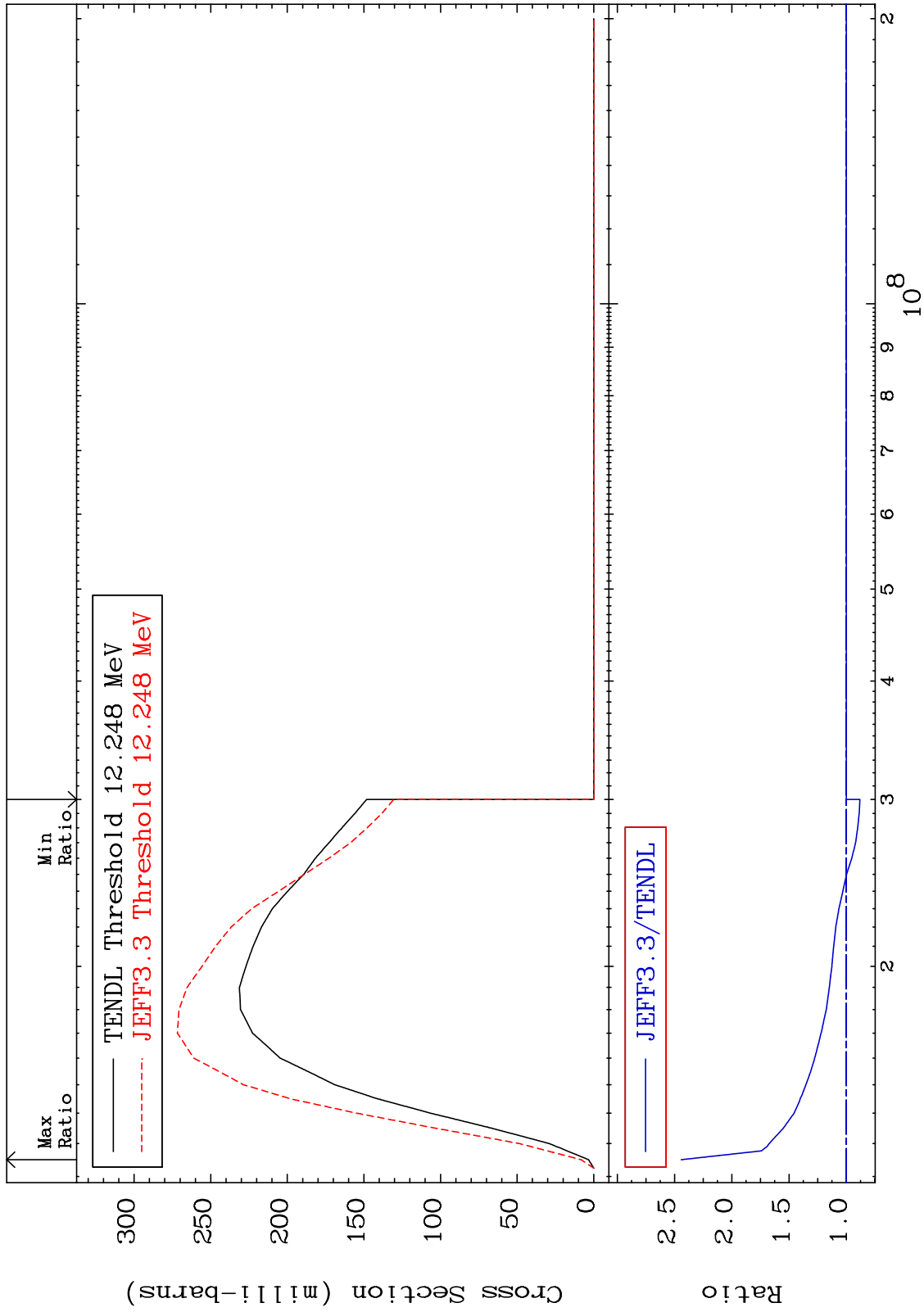
34-Se-74

MAT 3425

(n,2n):34-Se-73m1

34-Se-74

Radionuclide Production Cross Section -11.97 To 144.2 %

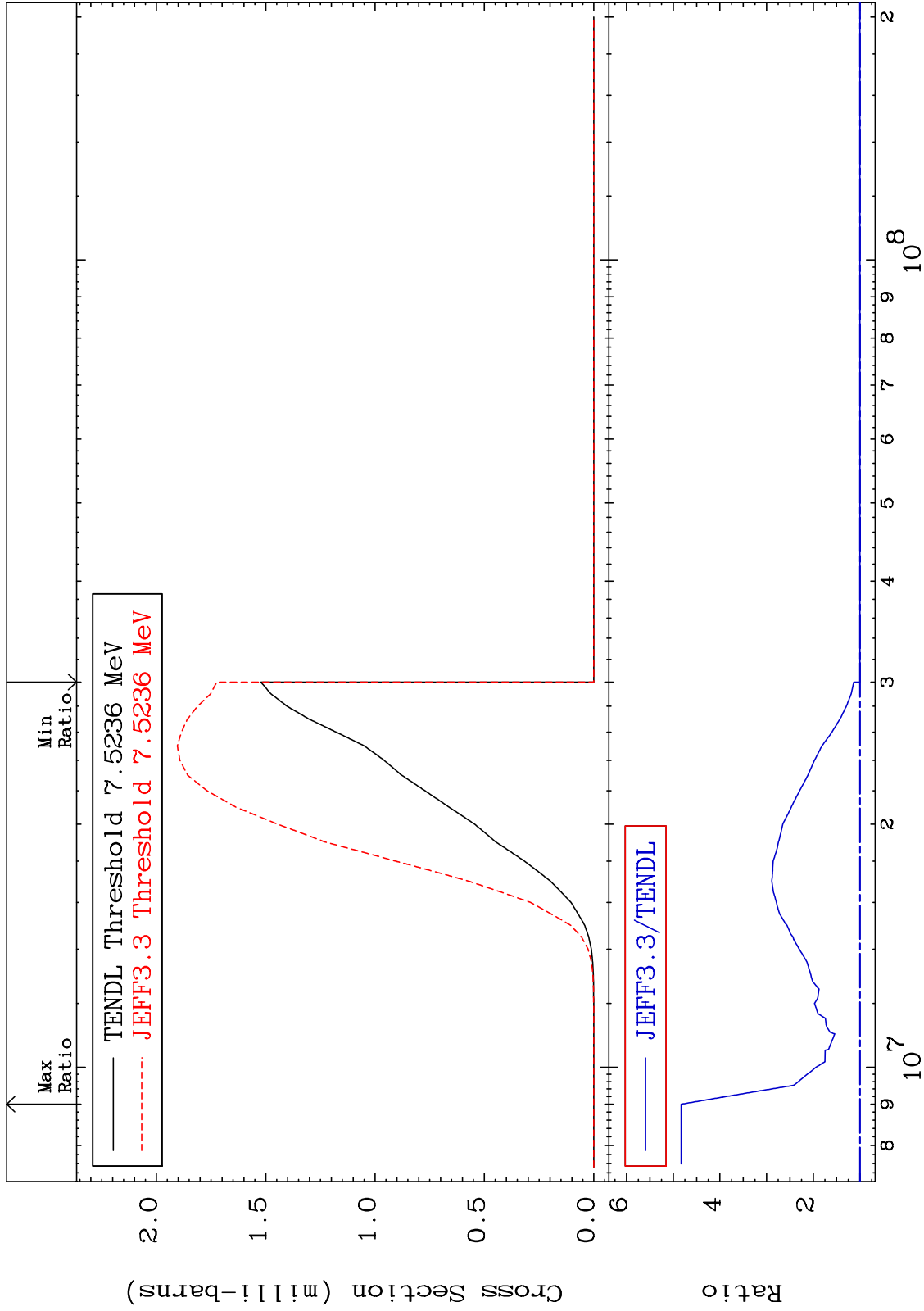


MAT 3425

(n,2p) : 32-Ge-73g

34-Se-74

Radionuclide Production Cross Section 0.000 To 382.9 %



MAT 3425

(n,2p):32-Ge-73m2

34-Ge-74

Radionuclide Production Cross Section -14.73 To 594.0 %

