

Program Complot  
(Version 2018-1)

by

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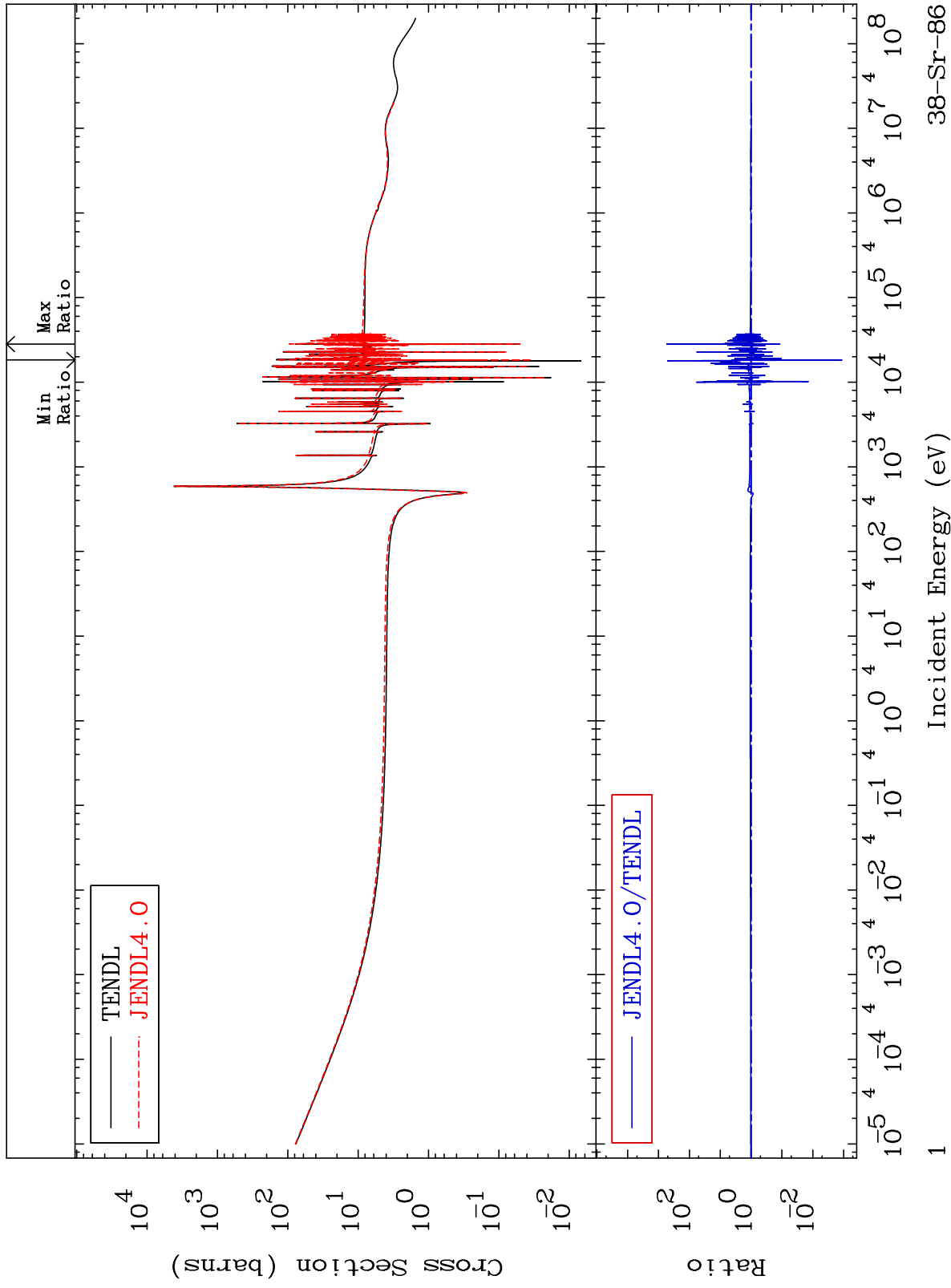
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 3831

Total  
Cross Section

38-Sr-86  
-99.89 To 9999. %

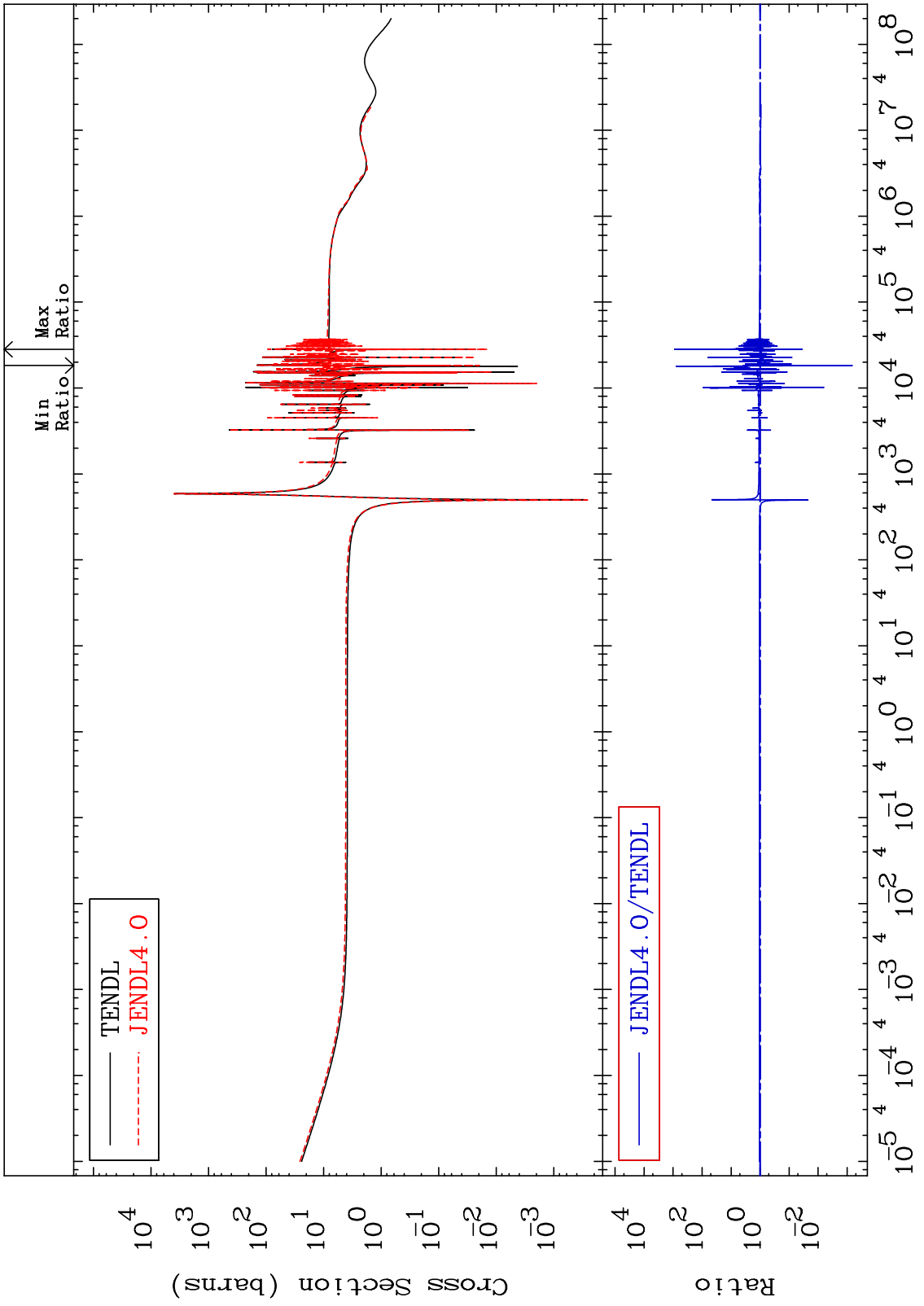


38-Sr-86

MAT 3831

Elastic  
Cross Section

38-Sr-86  
-99.93 To 9999. %



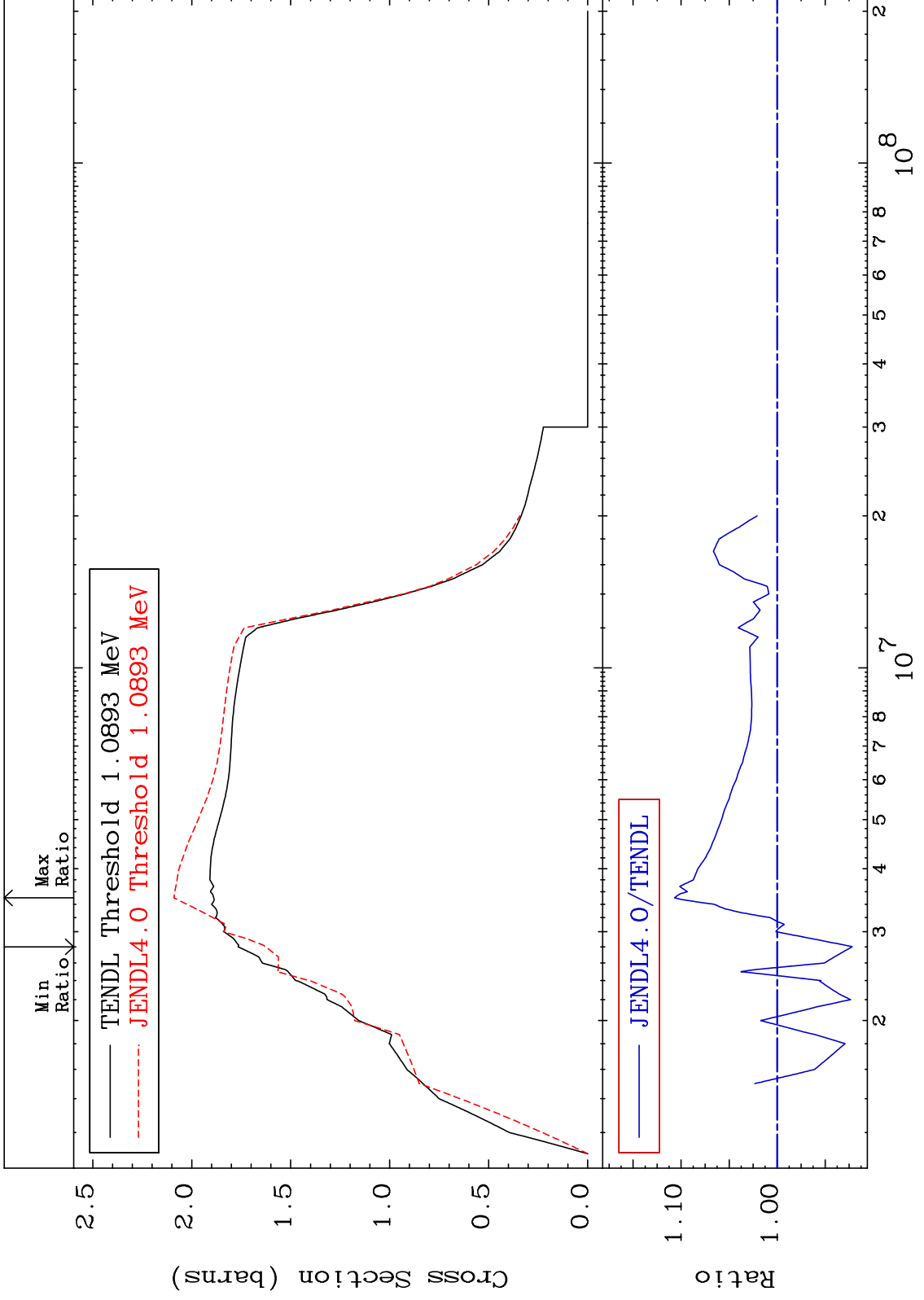
MAT 3831

Inelastic

38-Sr-86

Cross Section

-7.817 To 10.68 %



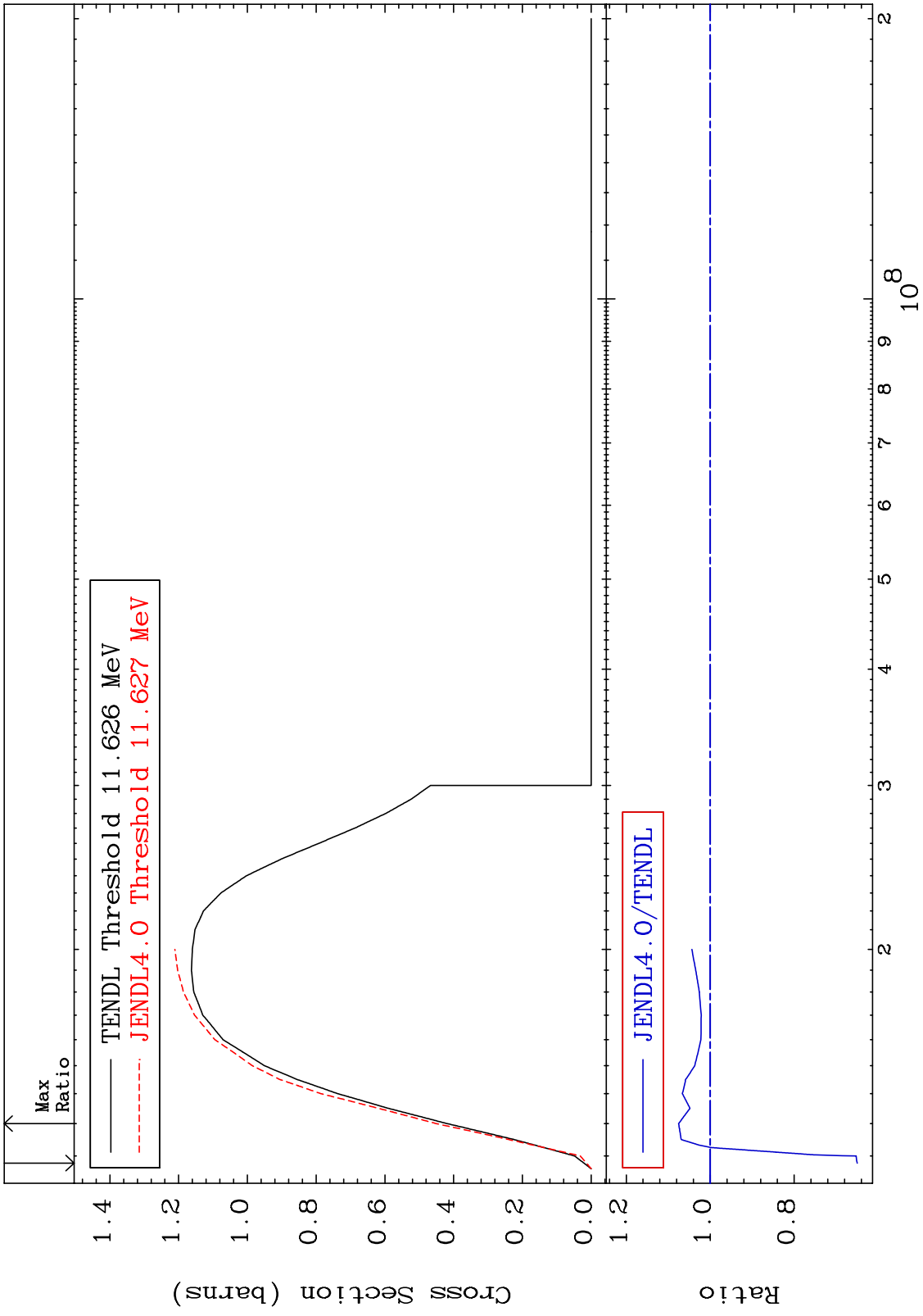
MAT 3831

(n,2n)

38-Sr-86

Cross Section

-35.04 To 7.525 %



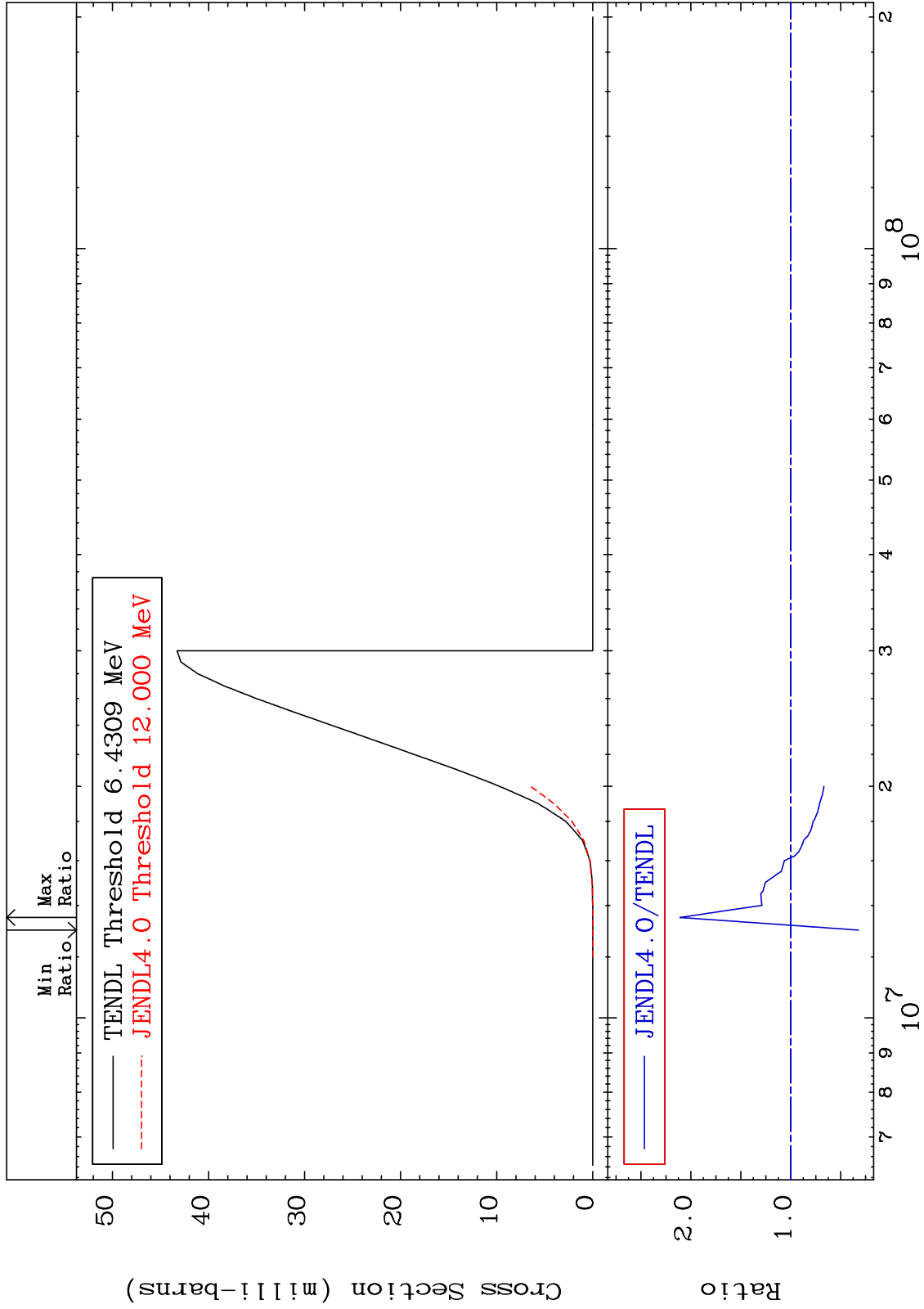
MAT 3831

(n,n')  $\alpha$

38-Sr-86

Cross Section

-67.74 To 110.9 %



5

38-Sr-86

38-Sr-86

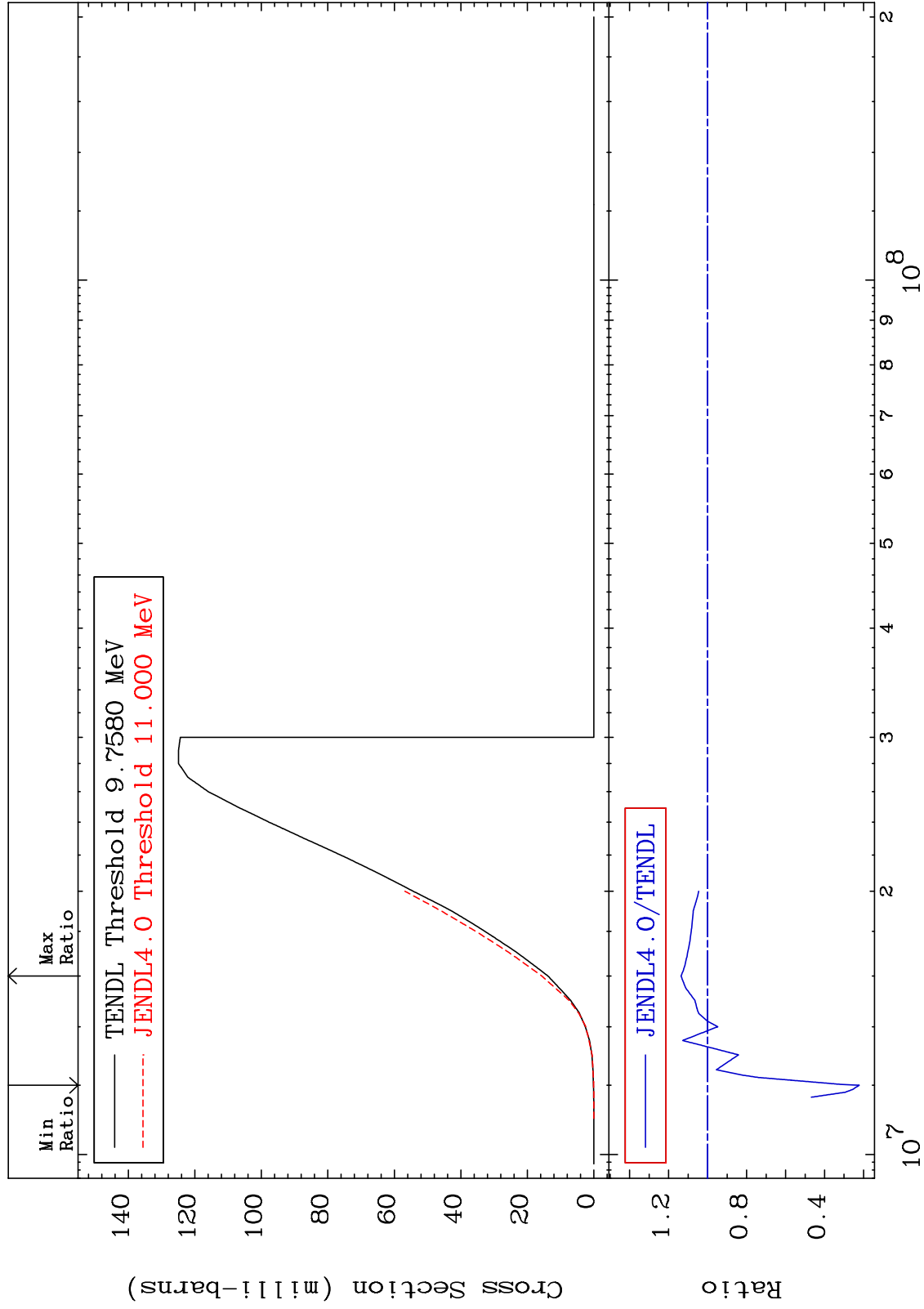
MAT 3831

(n,n') p

38-Sr-86

Cross Section

-77.79 To 13.64 %



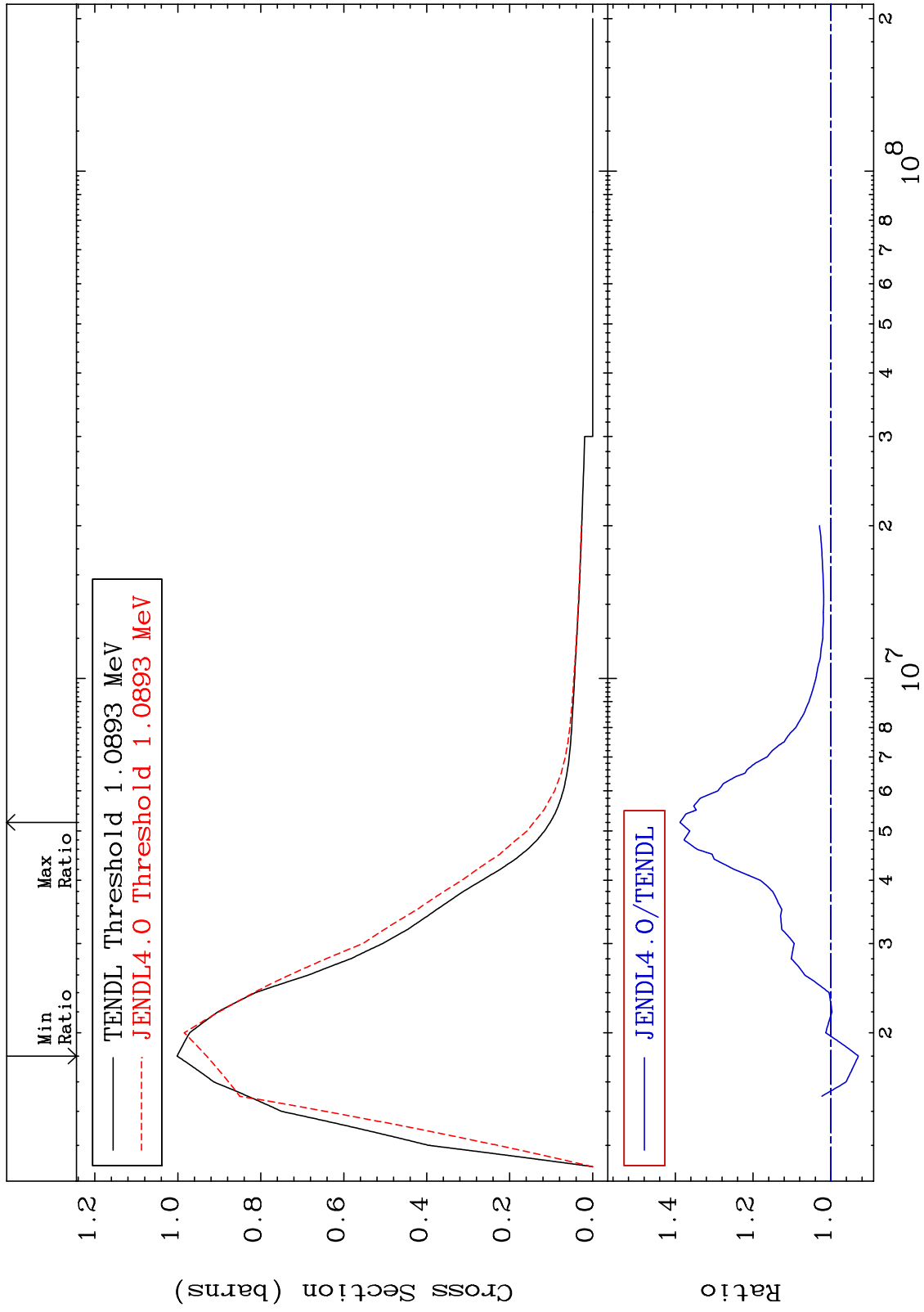
38-Sr-86

38-Sr-86

MAT 3831

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

38-Sr-86  
-7.078 To 38.78 %

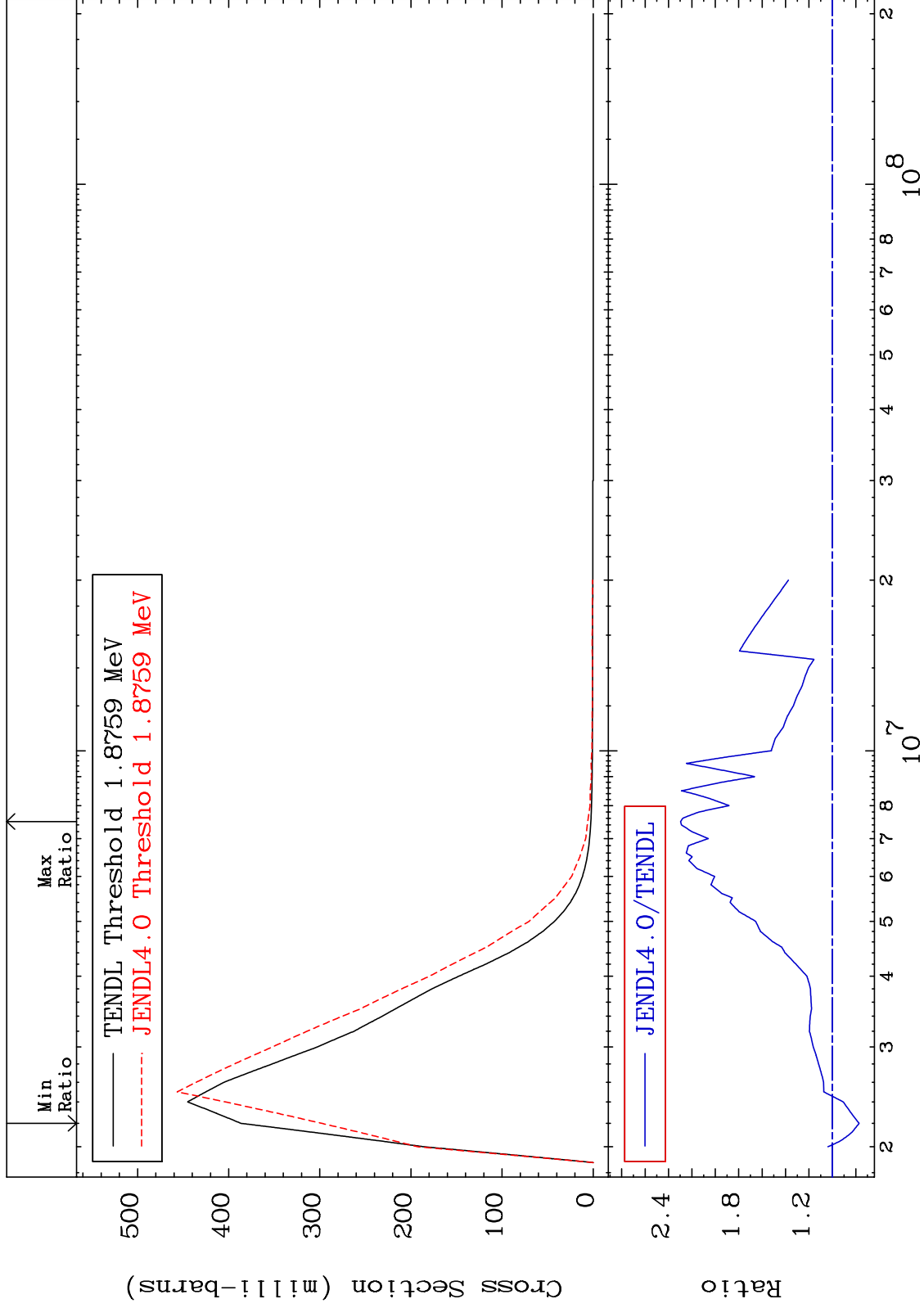




MAT 3831

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

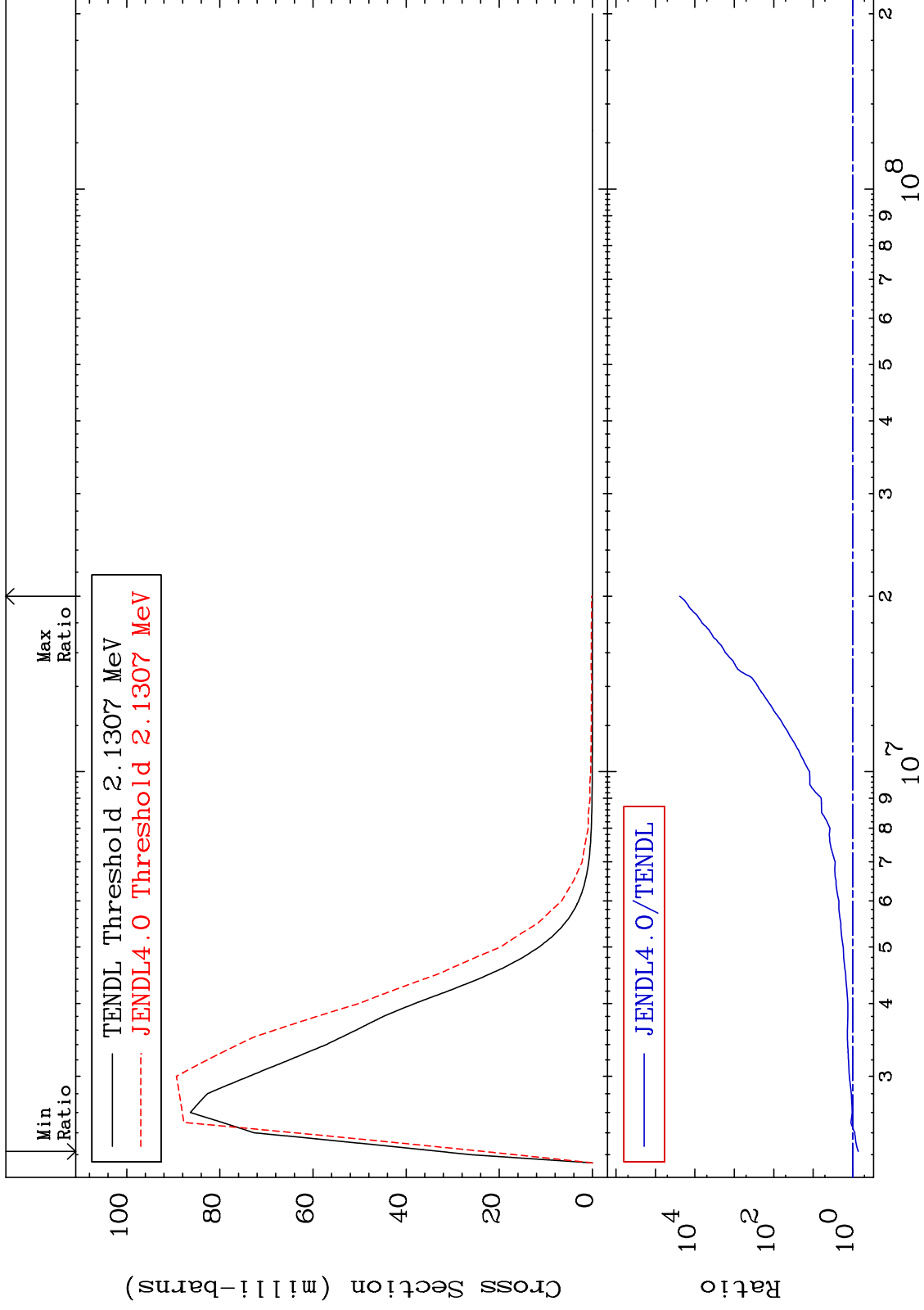
38-Sr-86  
-22.90 To 129.6 %



MAT 3831

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

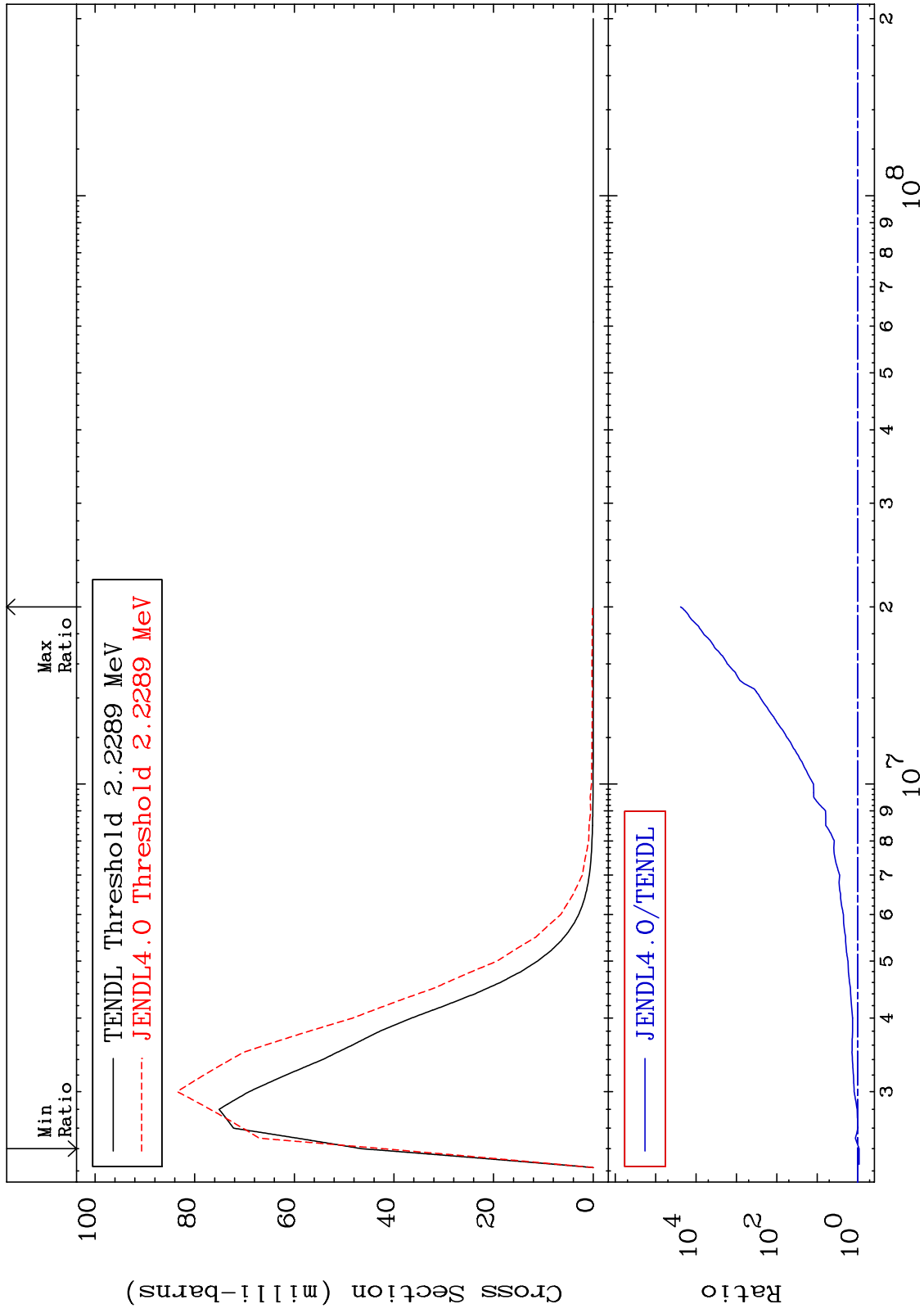
38-Sr-86  
-28.73 To 9999. %



MAT 3831

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

38-Sr-86  
-9.129 To 9999. %



10

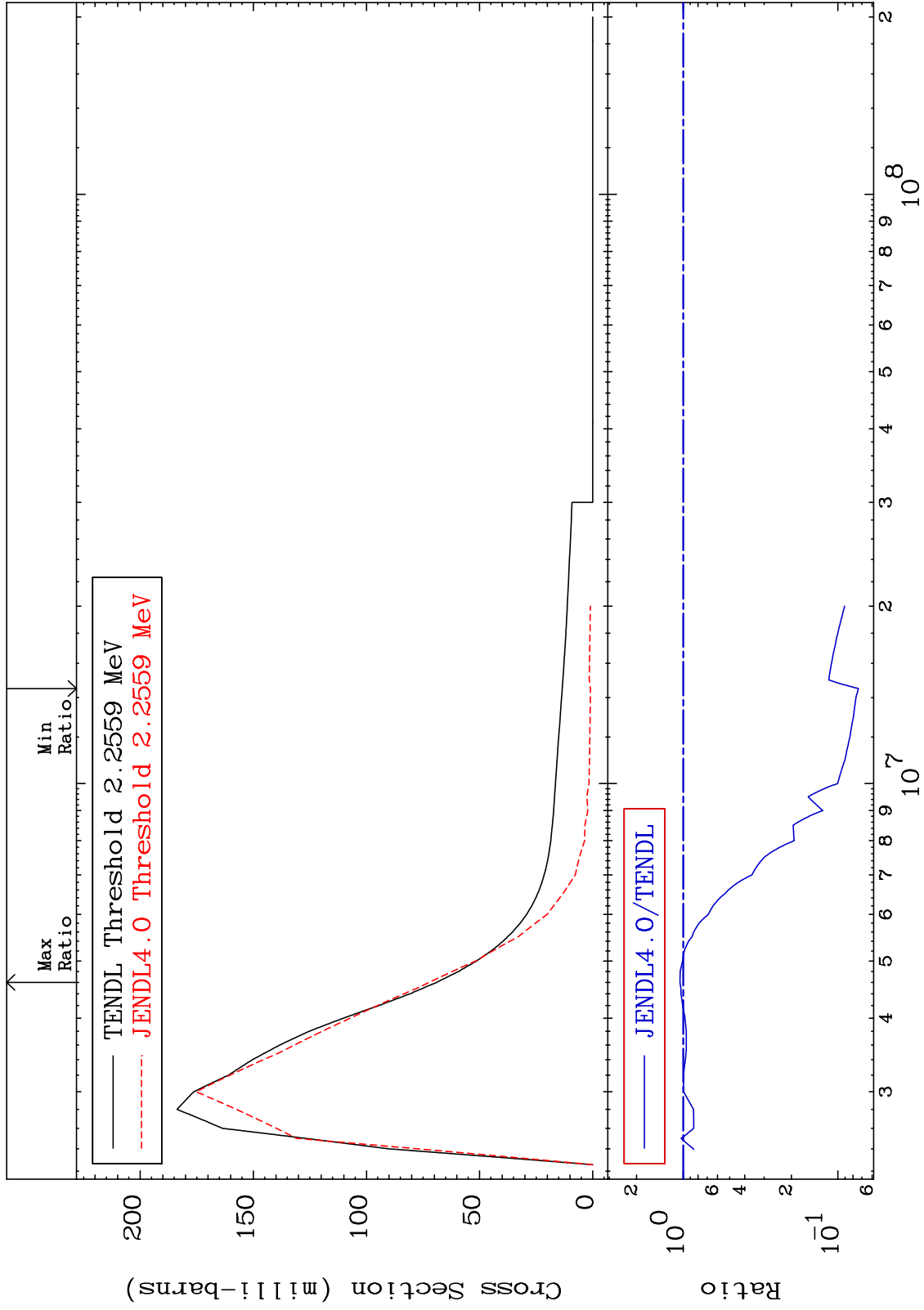
Incident Energy (eV)

38-Sr-86

MAT 3831

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

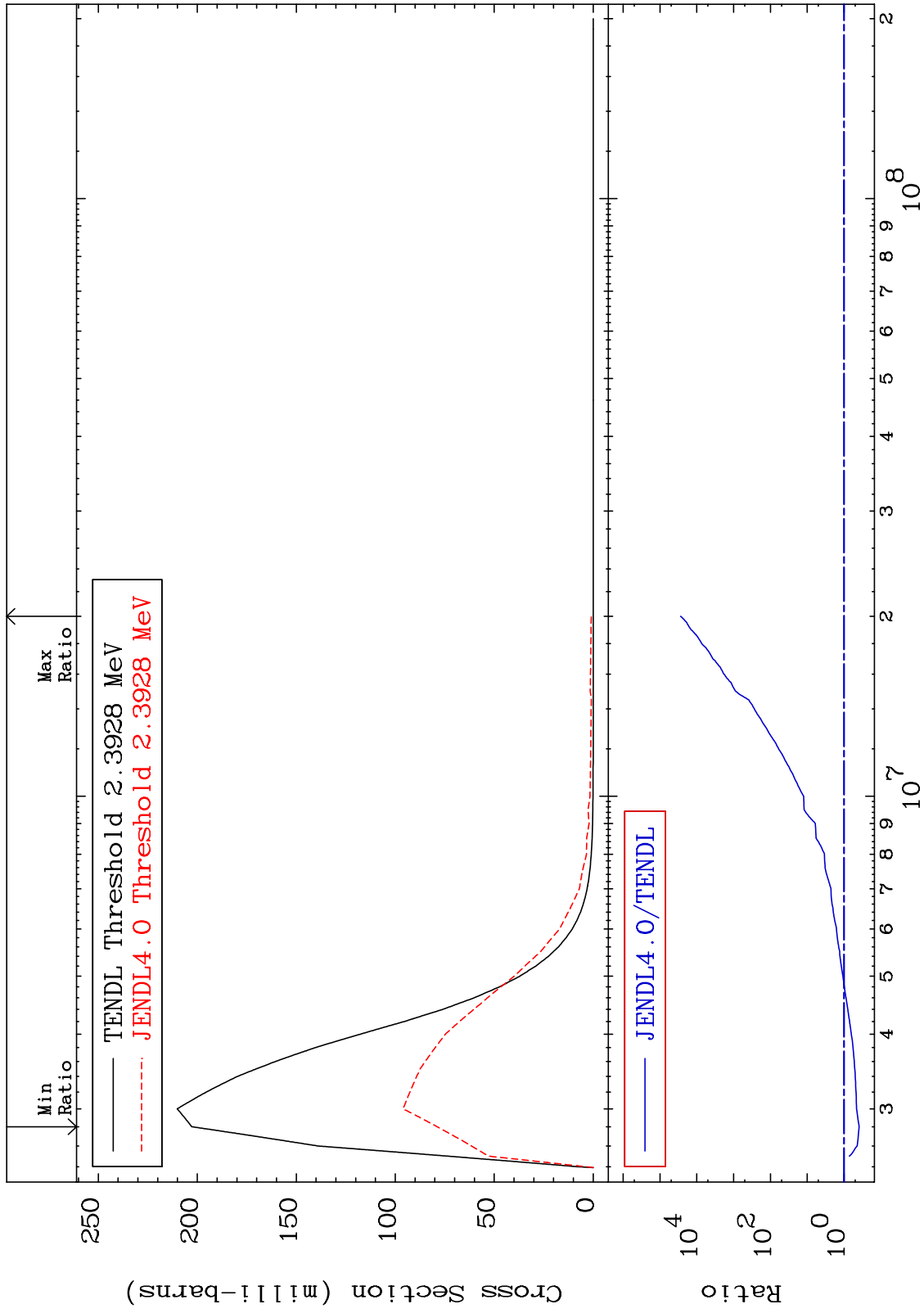
38-Sr-86  
-92.63 To 4.790 %



MAT 3831

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

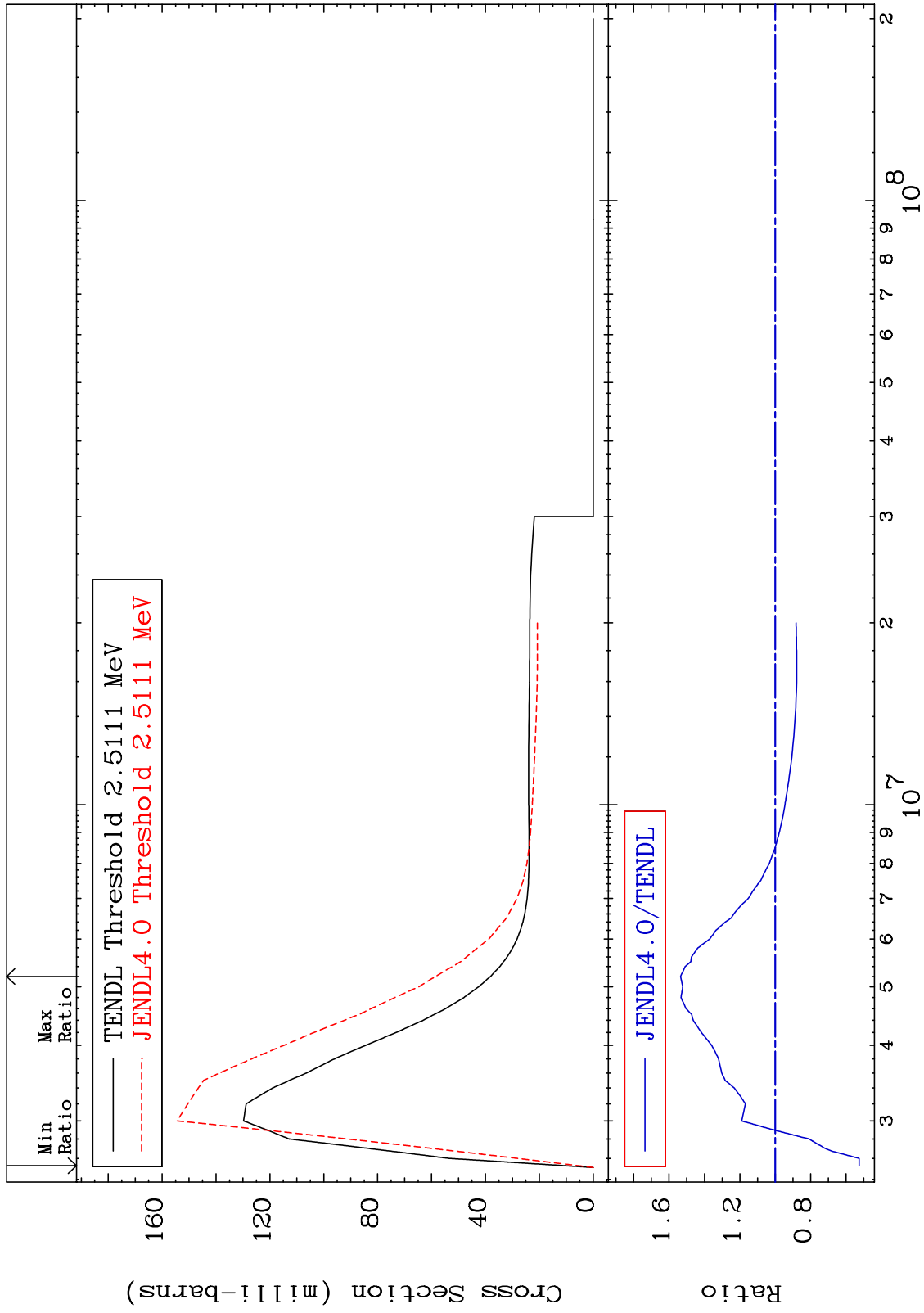
38-Sr-86  
-61.14 To 9999. %



MAT 3831

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

38-Sr-86  
-47.47 To 53.48 %



13

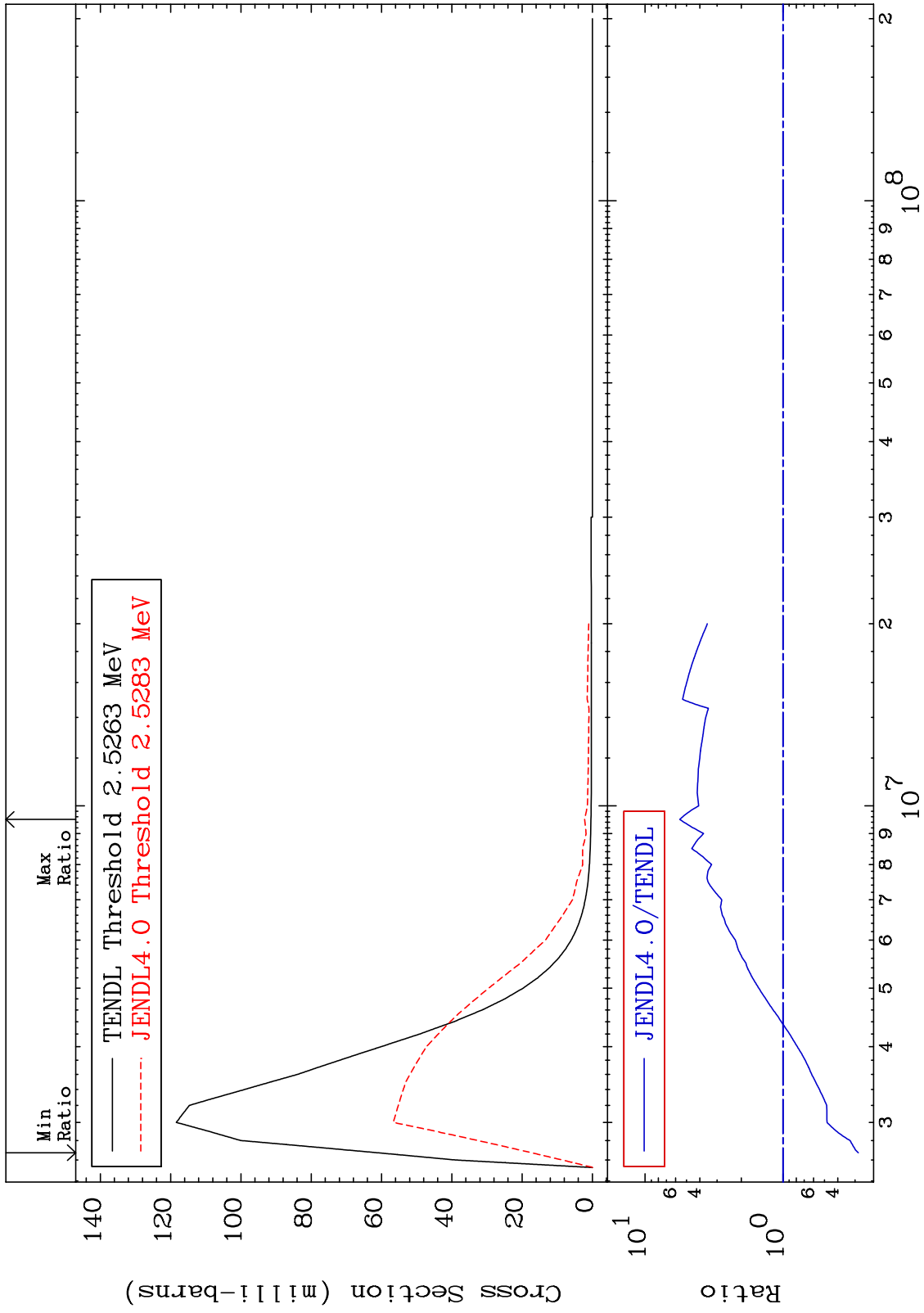
38-Sr-86

38-Sr-86

MAT 3831

MT= 58 (n,n') Level  
Cross Section

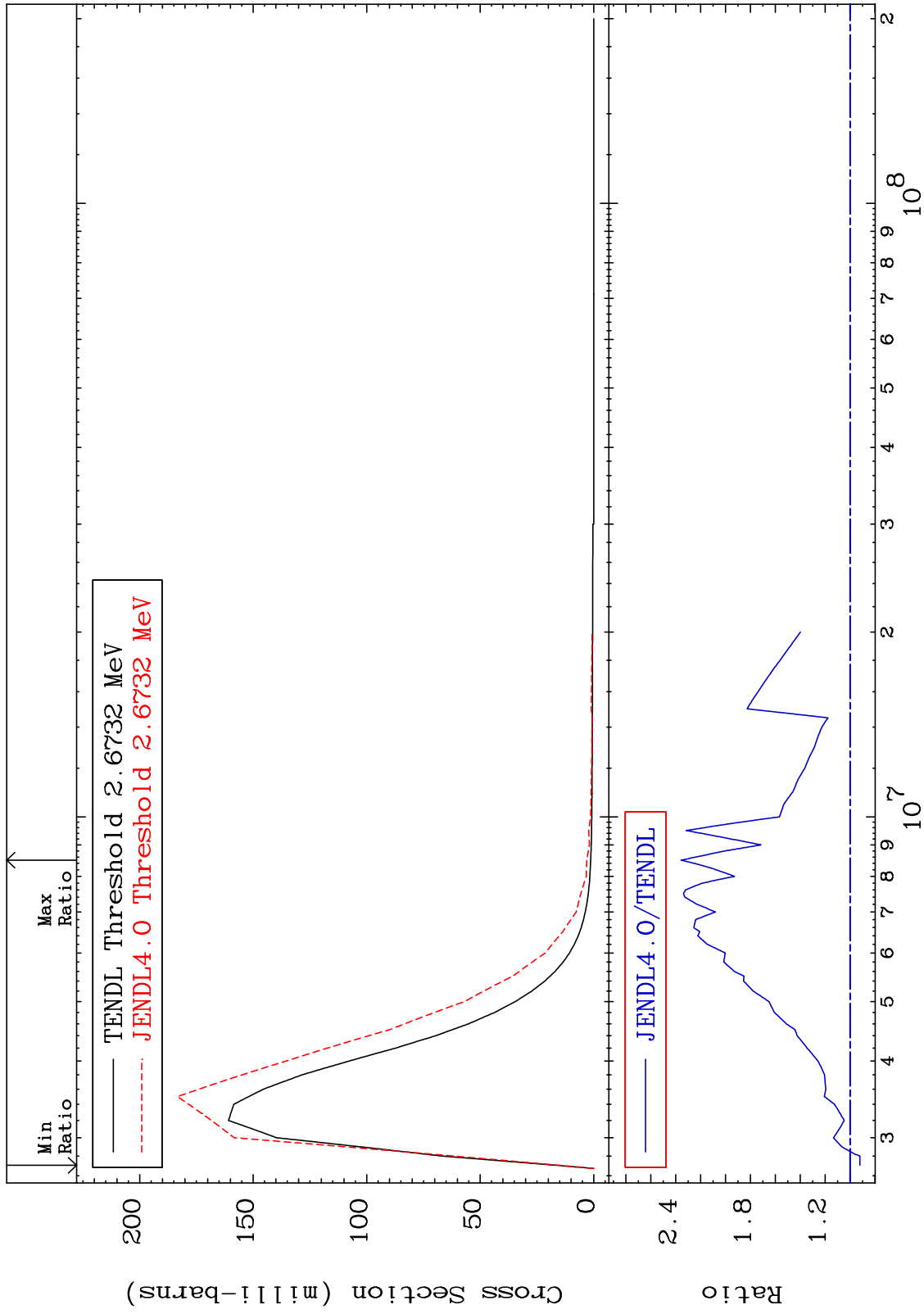
38-Sr-86  
-71.64 To 459.5 %



MAT 3831

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

38-Sr-86  
-7.899 To 135.5 %



15

38-Sr-86

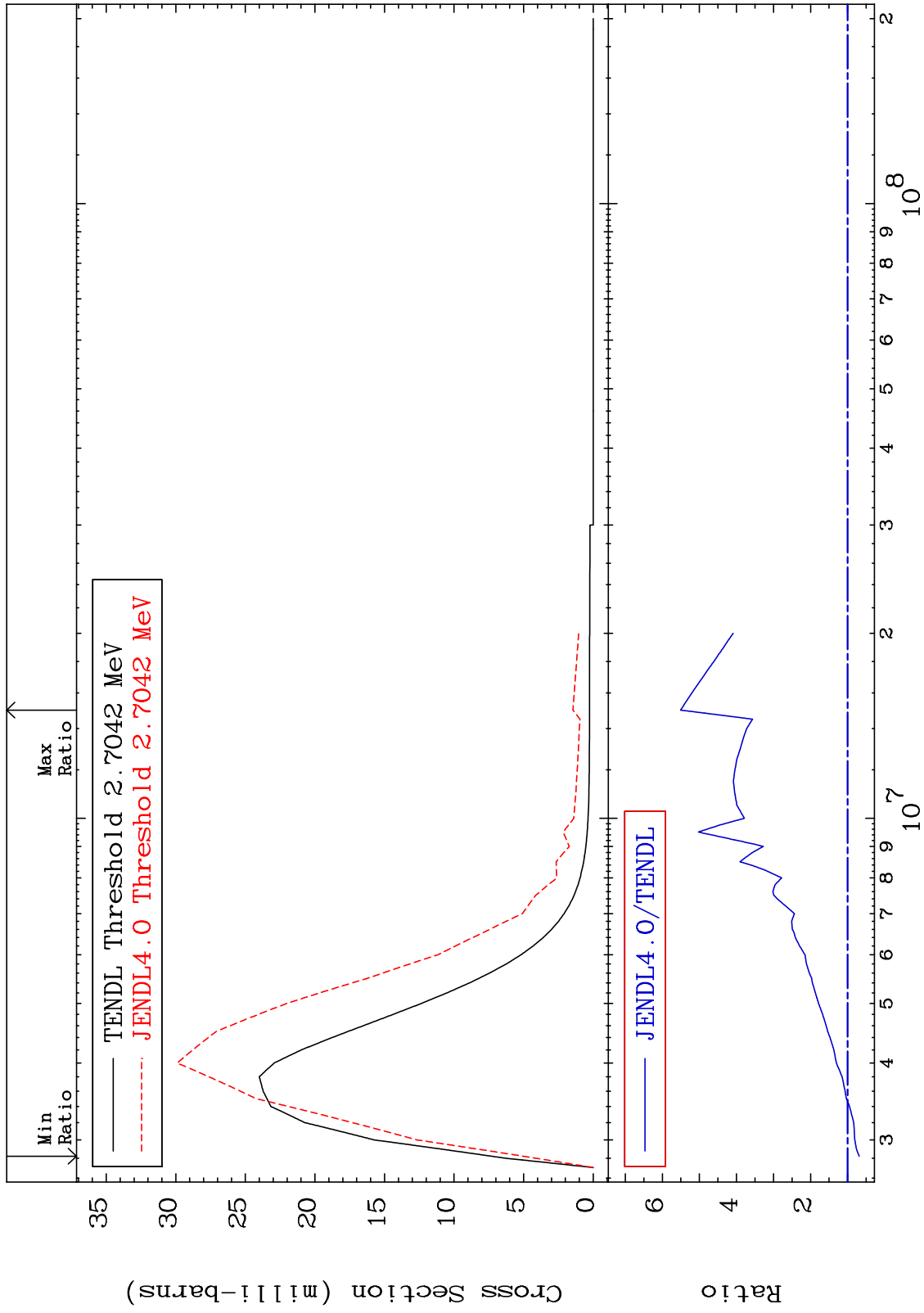
38-Sr-86



MAT 3831

MT= 60 (n,n') Level  
Cross Section

38-Sr-86  
-31.18 To 450.6 %



16

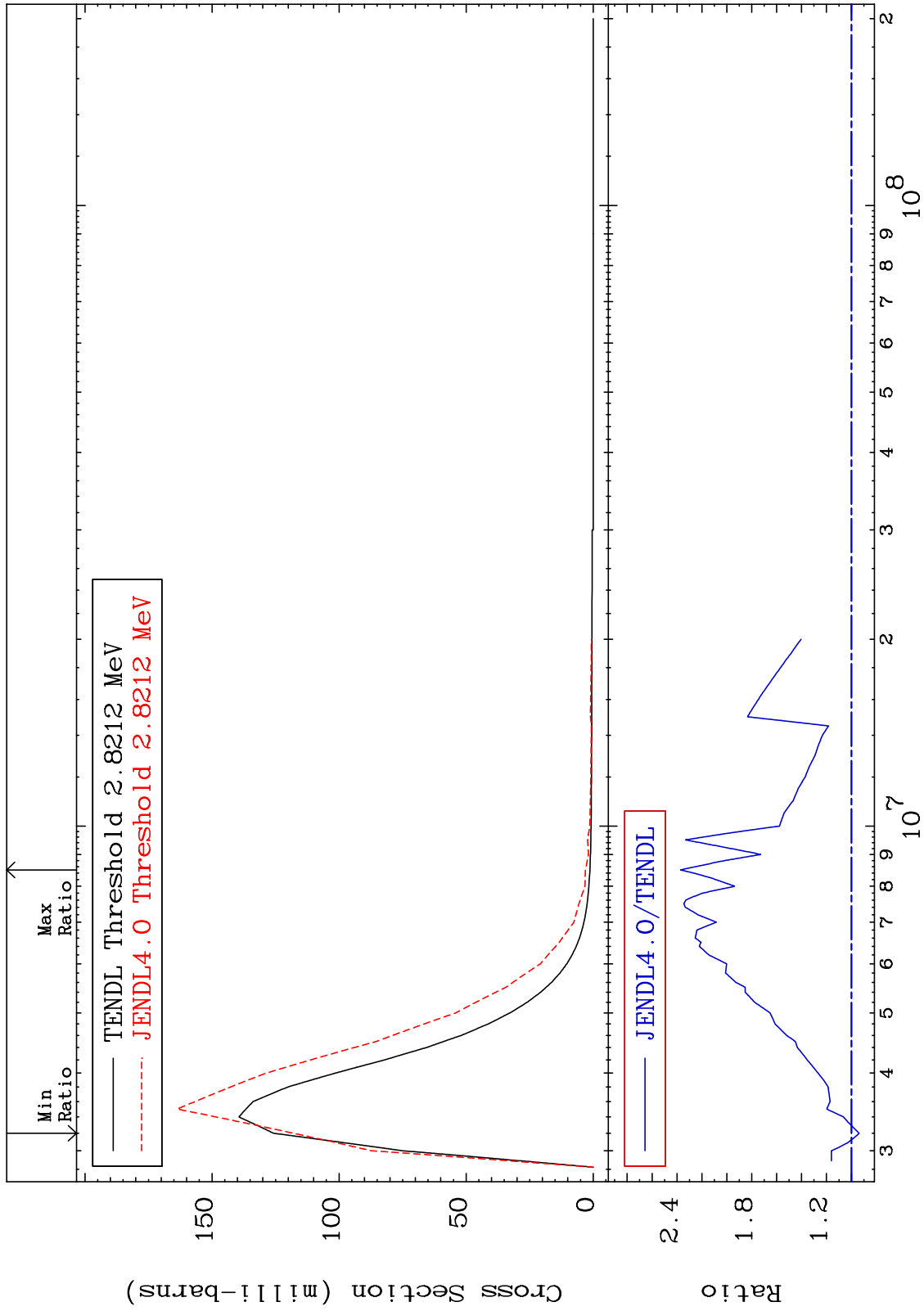
Incident Energy (eV)

38-Sr-86

MAT 3831

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

38-Sr-86  
-6.241 To 137.1 %



17

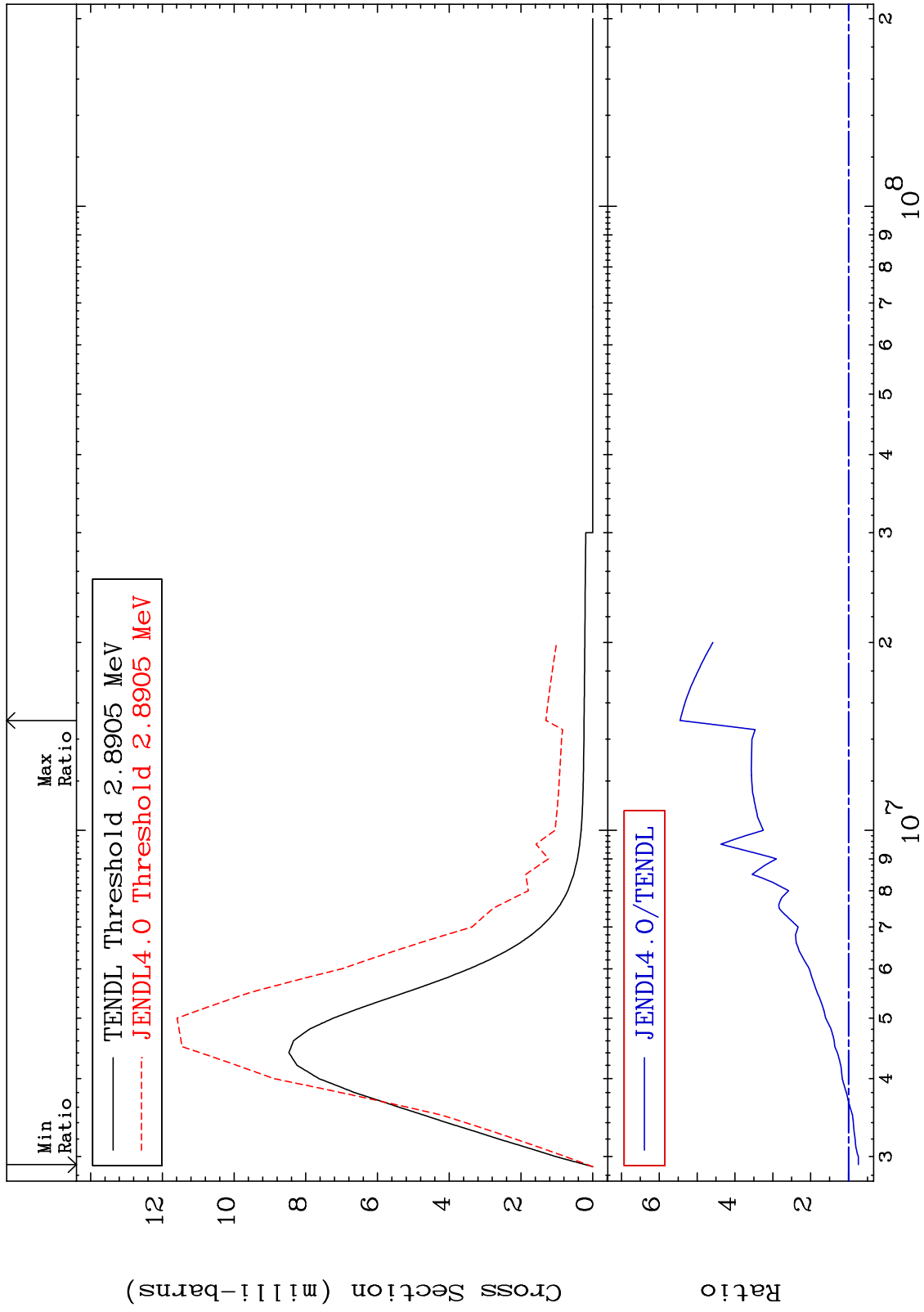
Incident Energy (eV)

38-Sr-86

MAT 3831

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

38-Sr-86  
-26.21 To 445.1 %



18

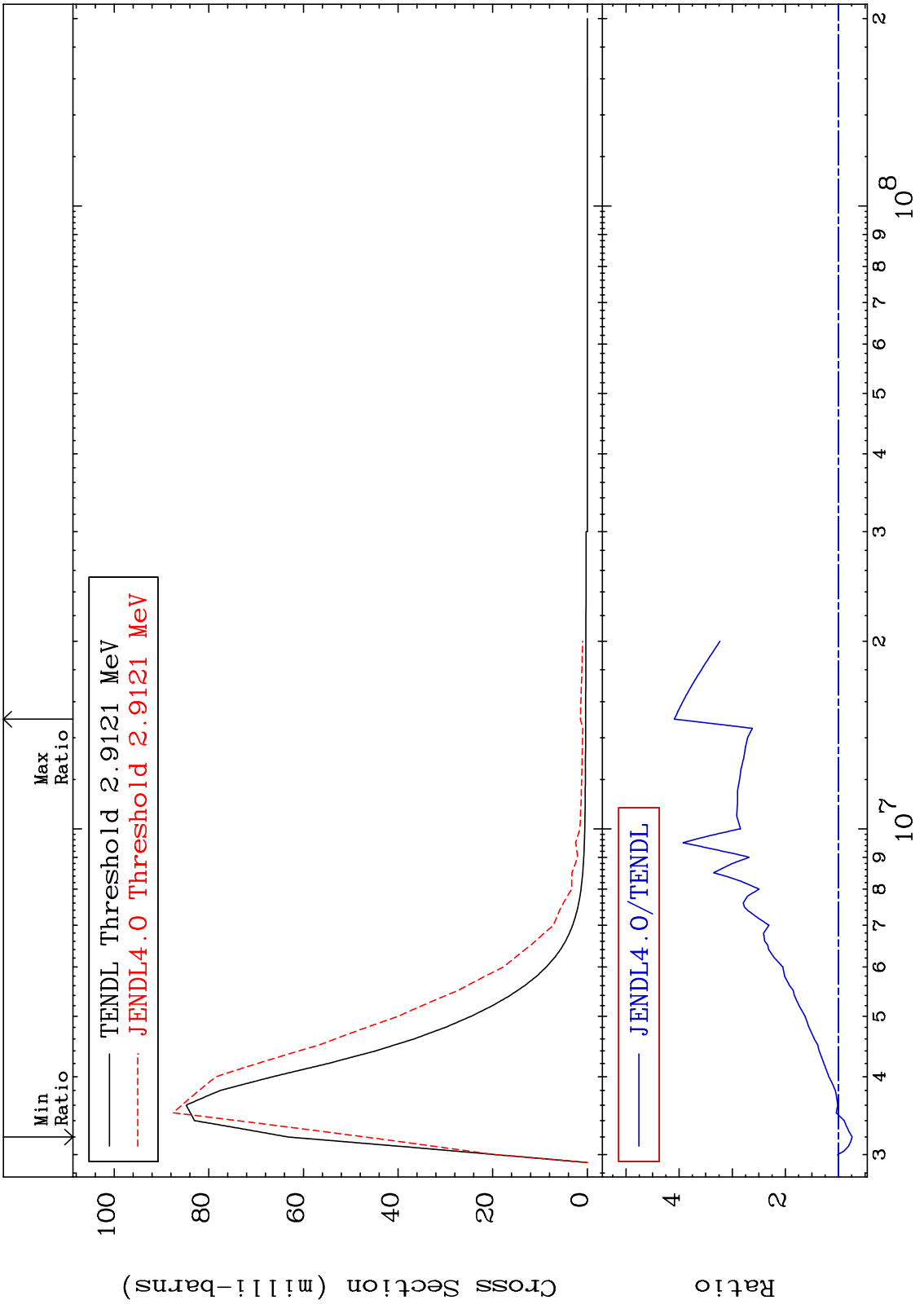
38-Sr-86

38-Sr-86

MAT 3831

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

38-Sr-86  
-25.74 To 309.0 %



19

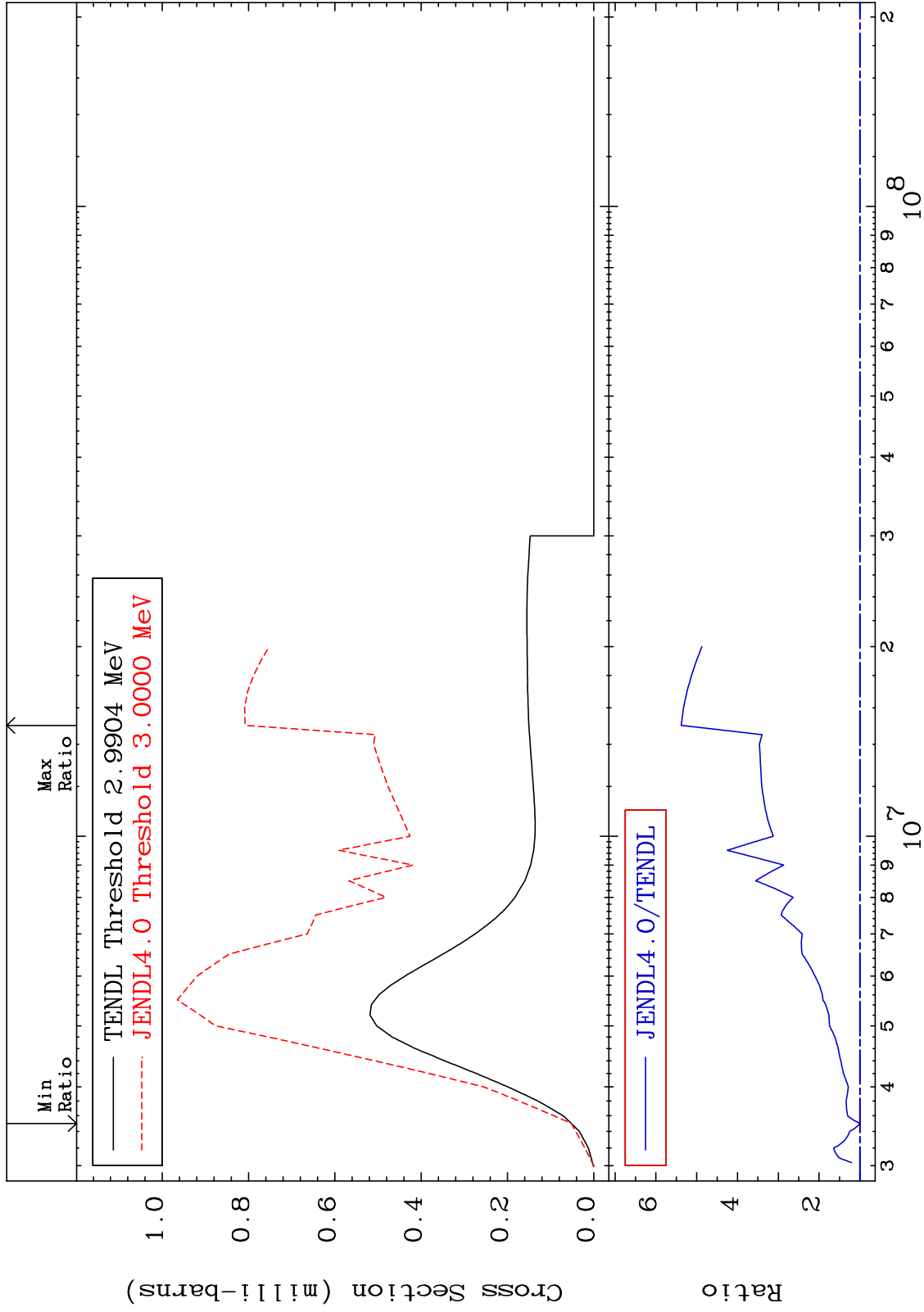
38-Sr-86

38-Sr-86

MAT 3831

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

38-Sr-86  
-0.103 To 438.0 %



20

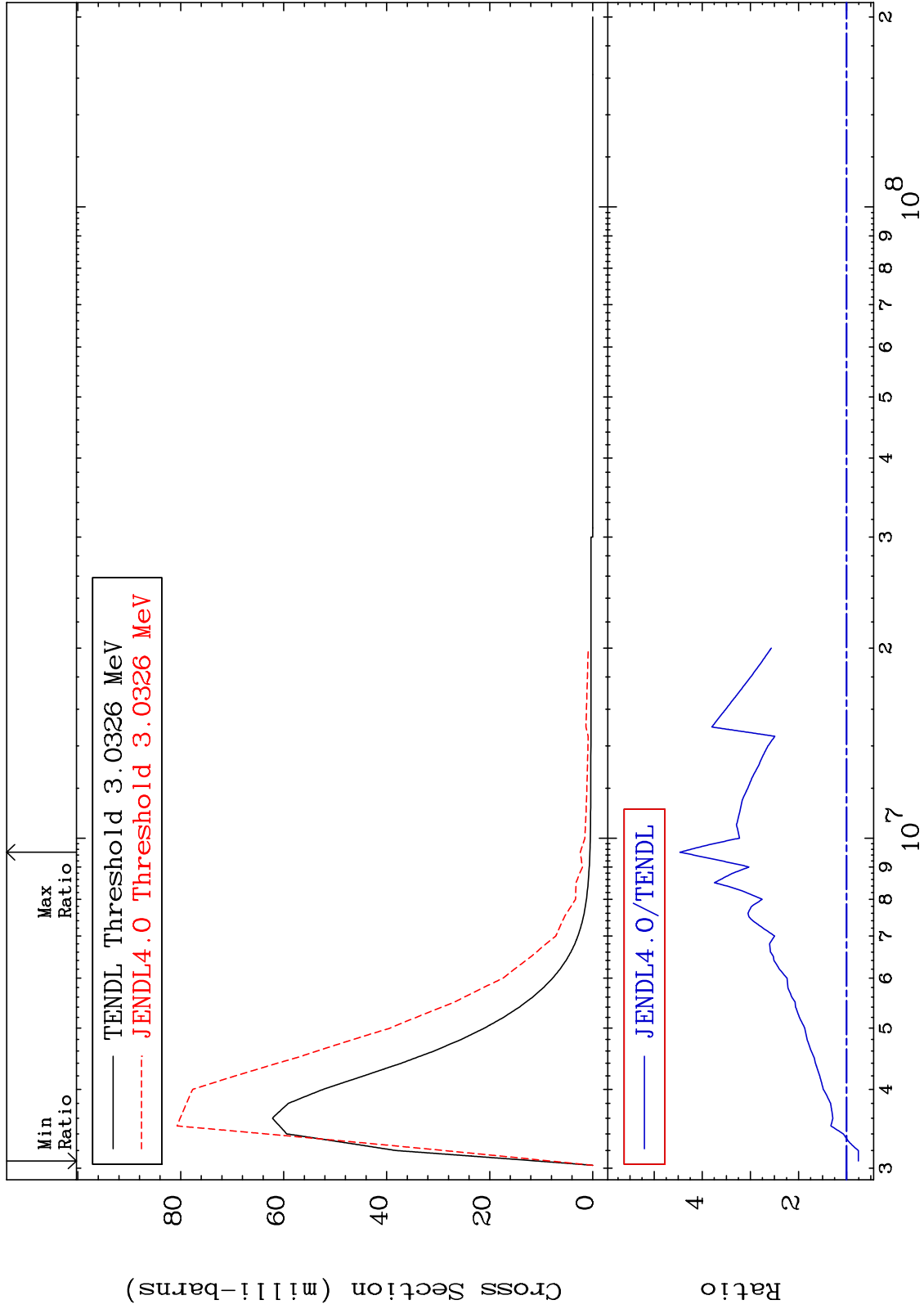
38-Sr-86

38-Sr-86

MAT 3831

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

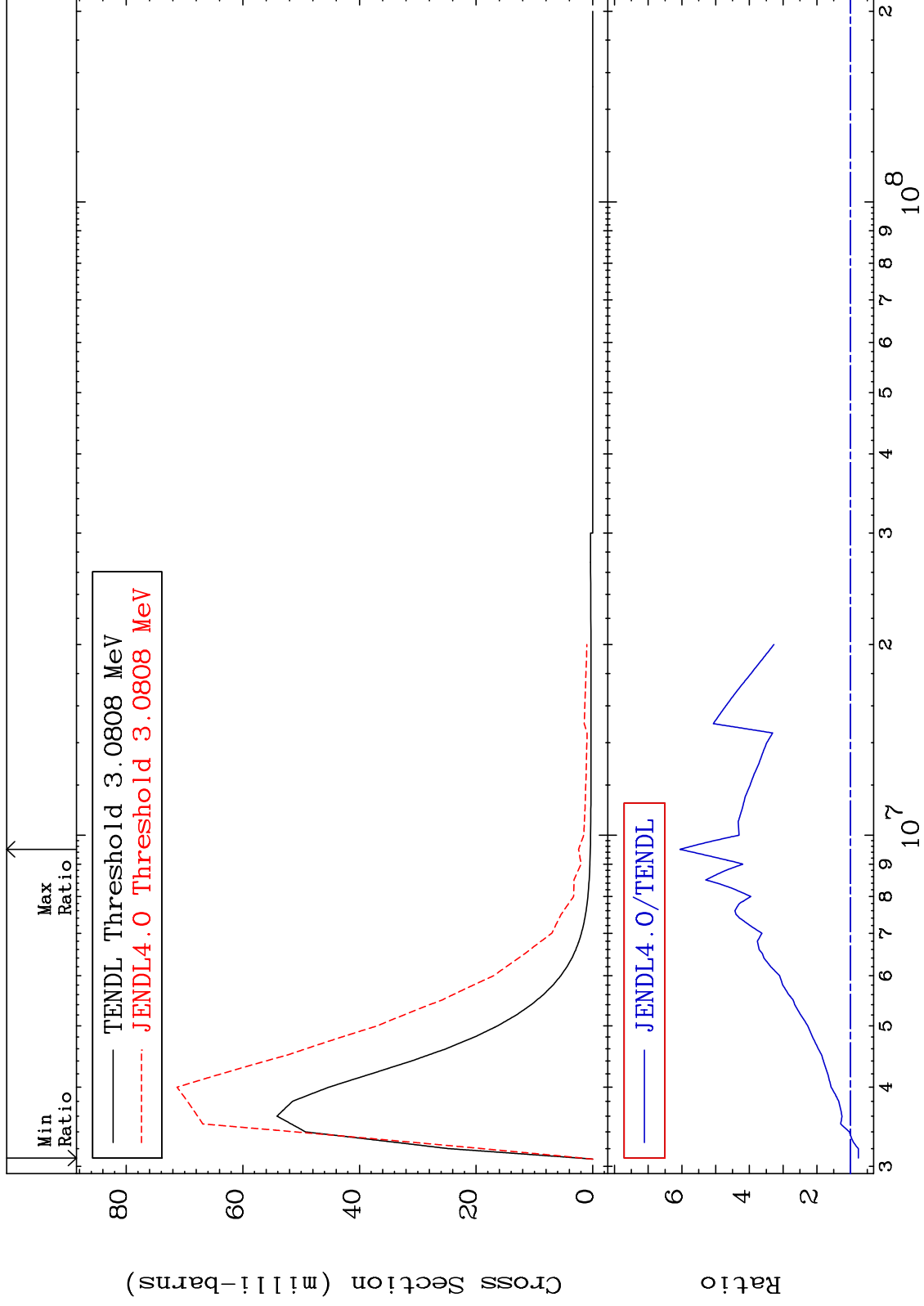
38-Sr-86  
-24.37 To 346.2 %



MAT 3831

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

38-Sr-86  
-23.33 To 505.6 %



22

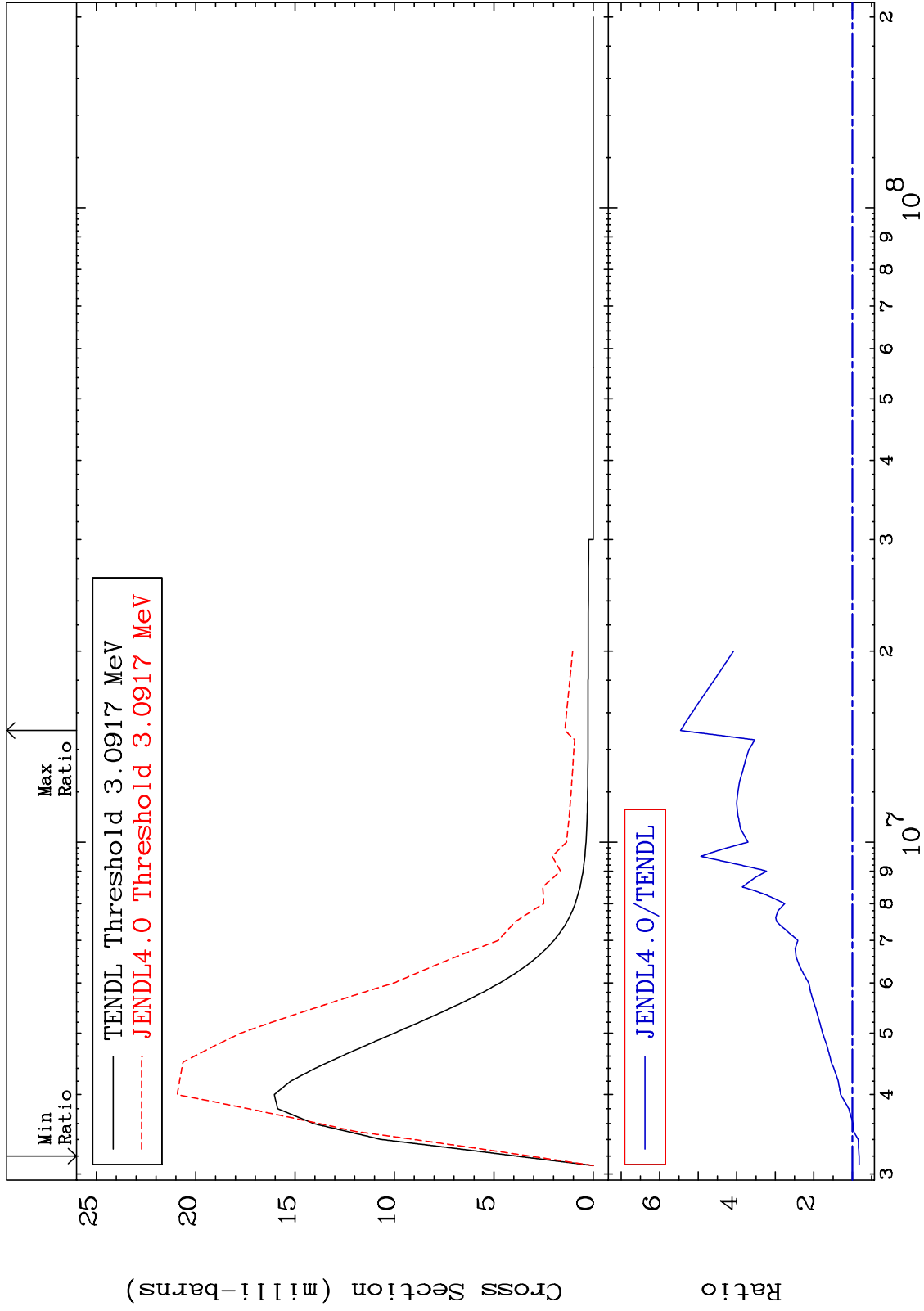
38-Sr-86

38-Sr-86

MAT 3831

MT= 67 (n,n') Level  
Cross Section

38-Sr-86  
-17.71 To 445.7 %



23

Incident Energy (eV)

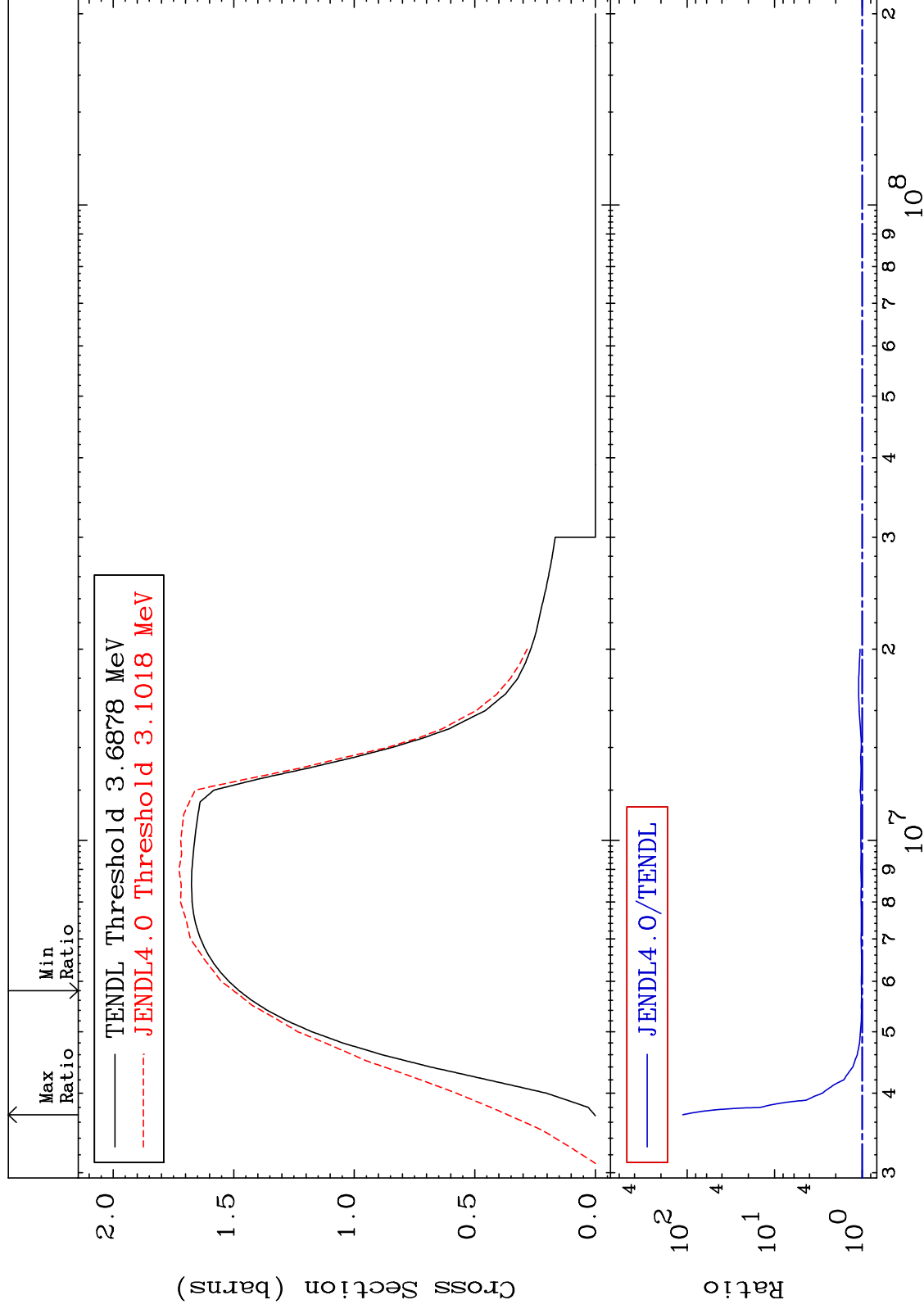
38-Sr-86



MAT 3831

(n,n') Continuum  
Cross Section

38-Sr-86  
1.528 To 9999. %



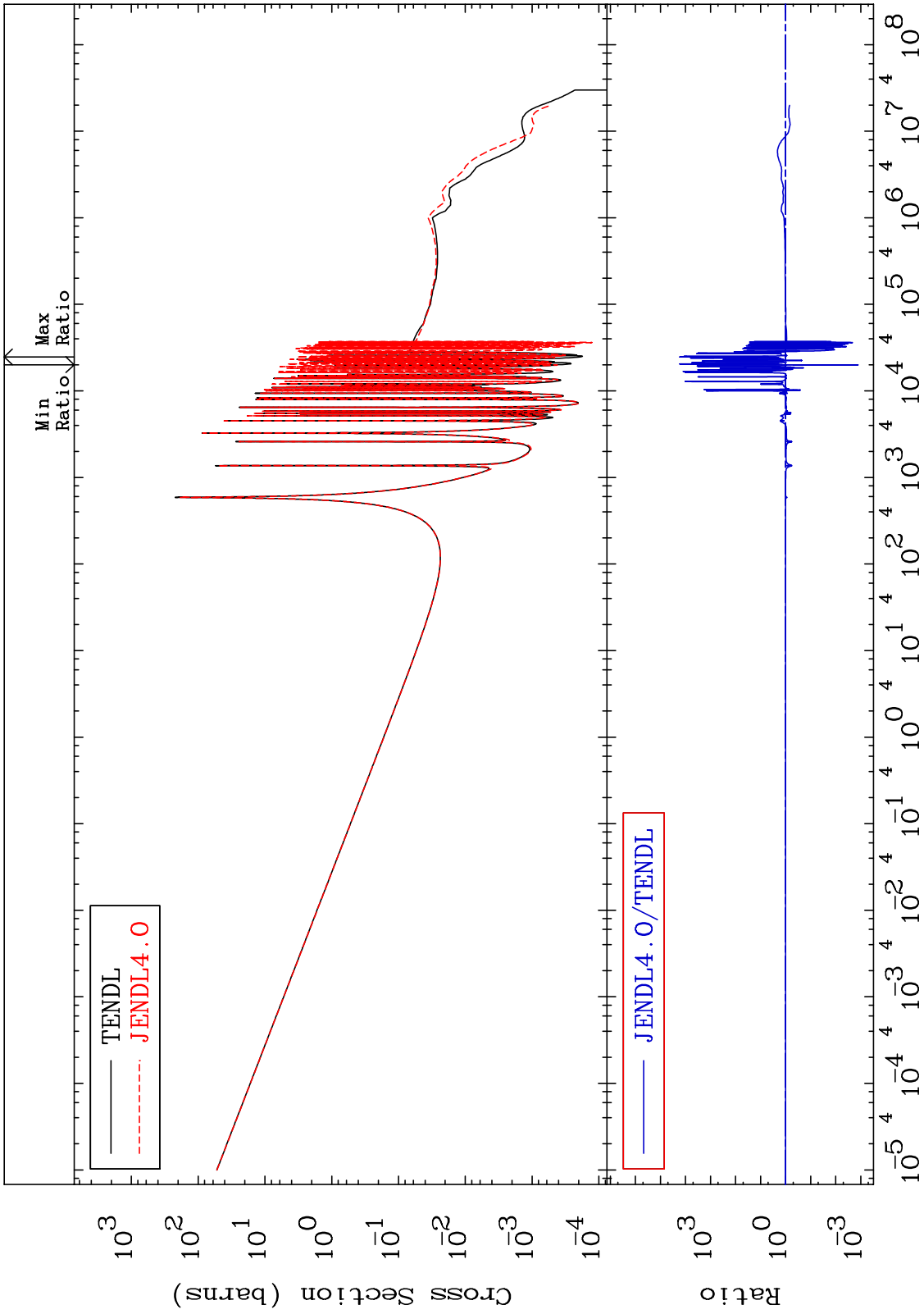
MAT 3831

(n,  $\gamma$ )

38-Sr-86

Cross Section

-99.87 To 9999. %



25

Incident Energy (eV)

38-Sr-86

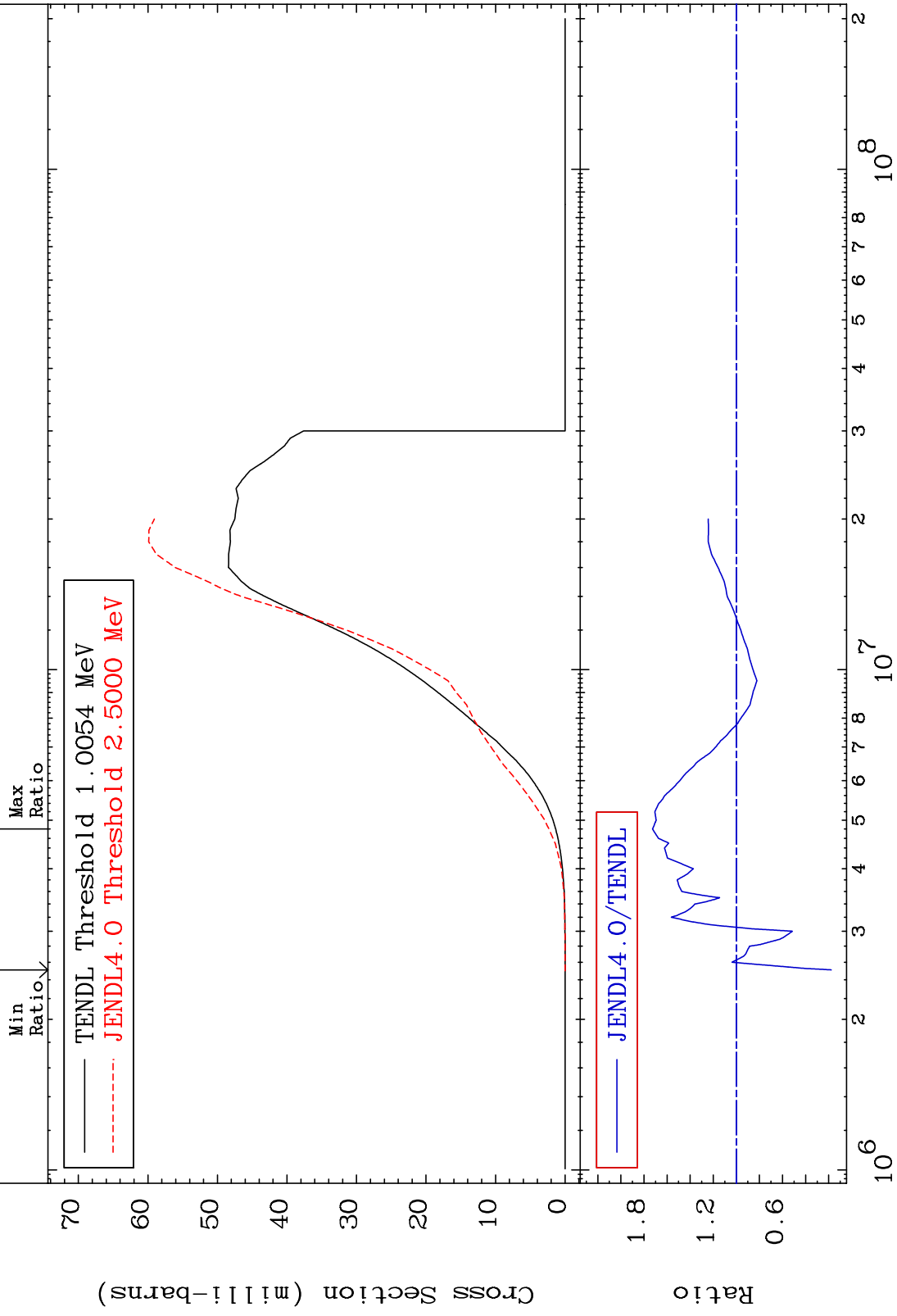
MAT 3831

(n,p)

38-Sr-86

Cross Section

-82.24 To 72.55 %



38-Sr-86

Incident Energy (eV)

26

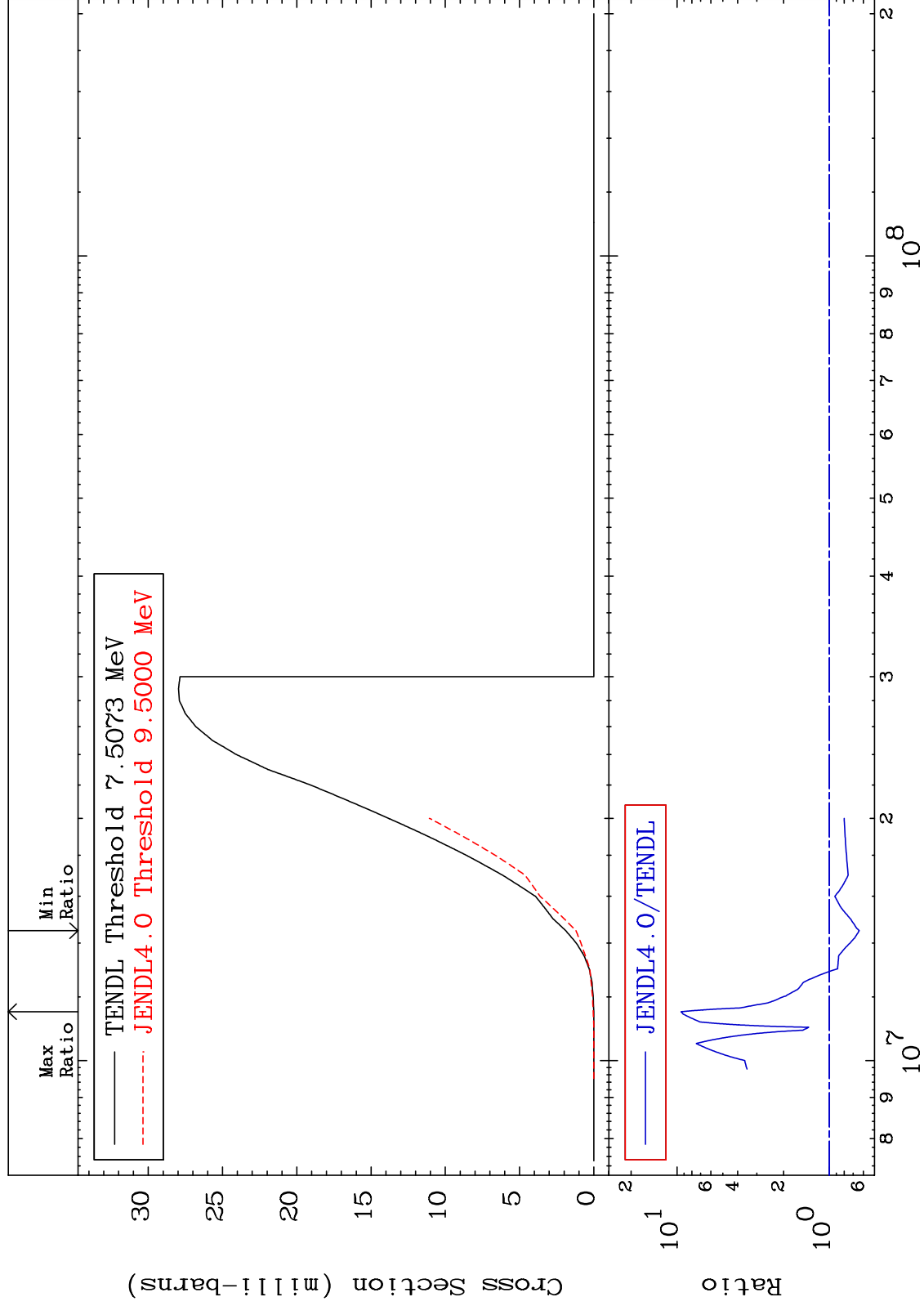
MAT 3831

(n,d)

38-Sr-86

Cross Section

-36.27 To 840.9 %



27

38-Sr-86

38-Sr-86

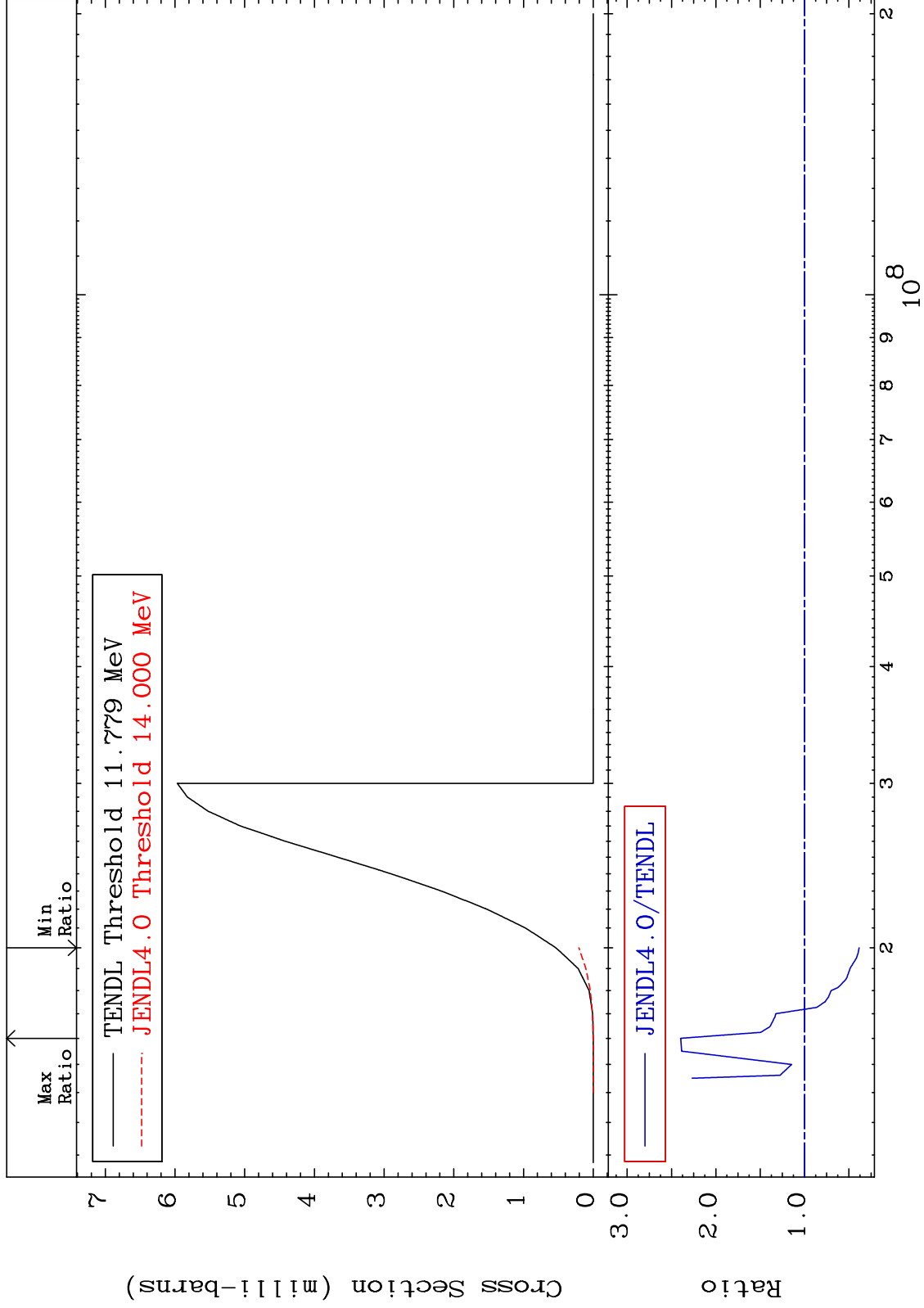
MAT 3831

(n, t)

38-Sr-86

Cross Section

-61.62 To 139.7 %



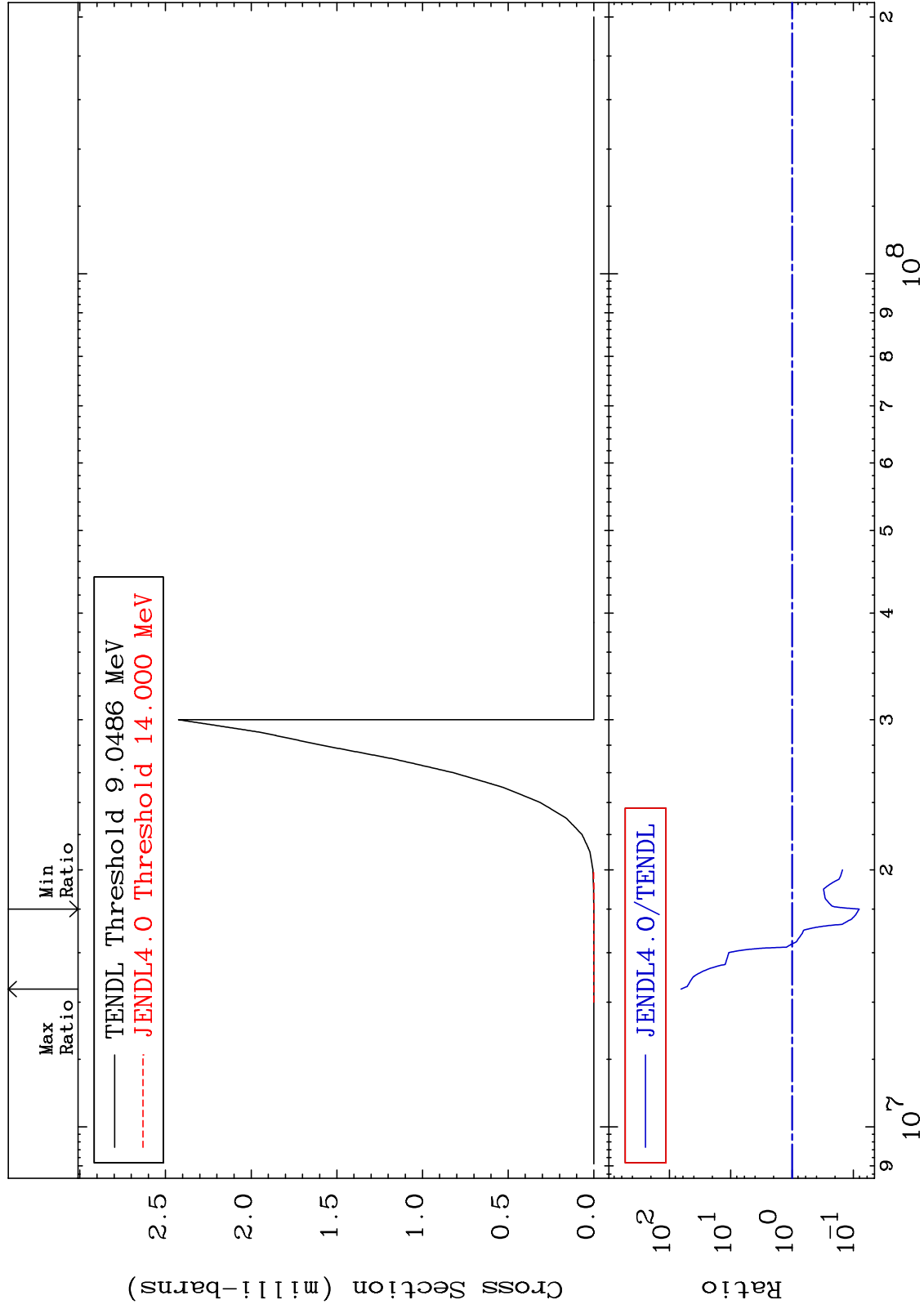
MAT 3831

(n, He-3)

38-Sr-86

Cross Section

-91.98 To 6356. %



29

38-Sr-86

38-Sr-86

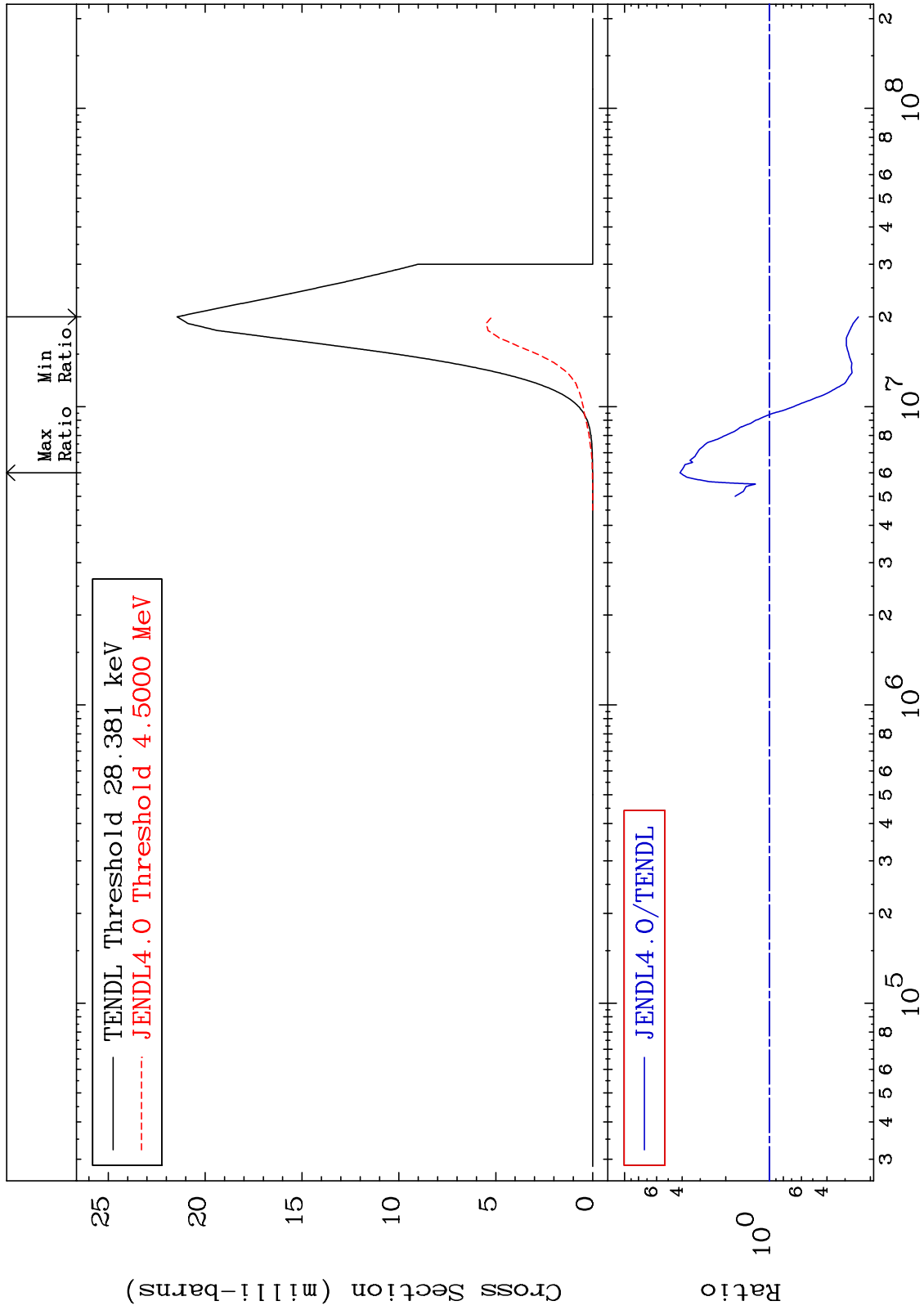
MAT 3831

(n,  $\alpha$ )

38-Sr-86

Cross Section

-75.78 To 313.6 %



30

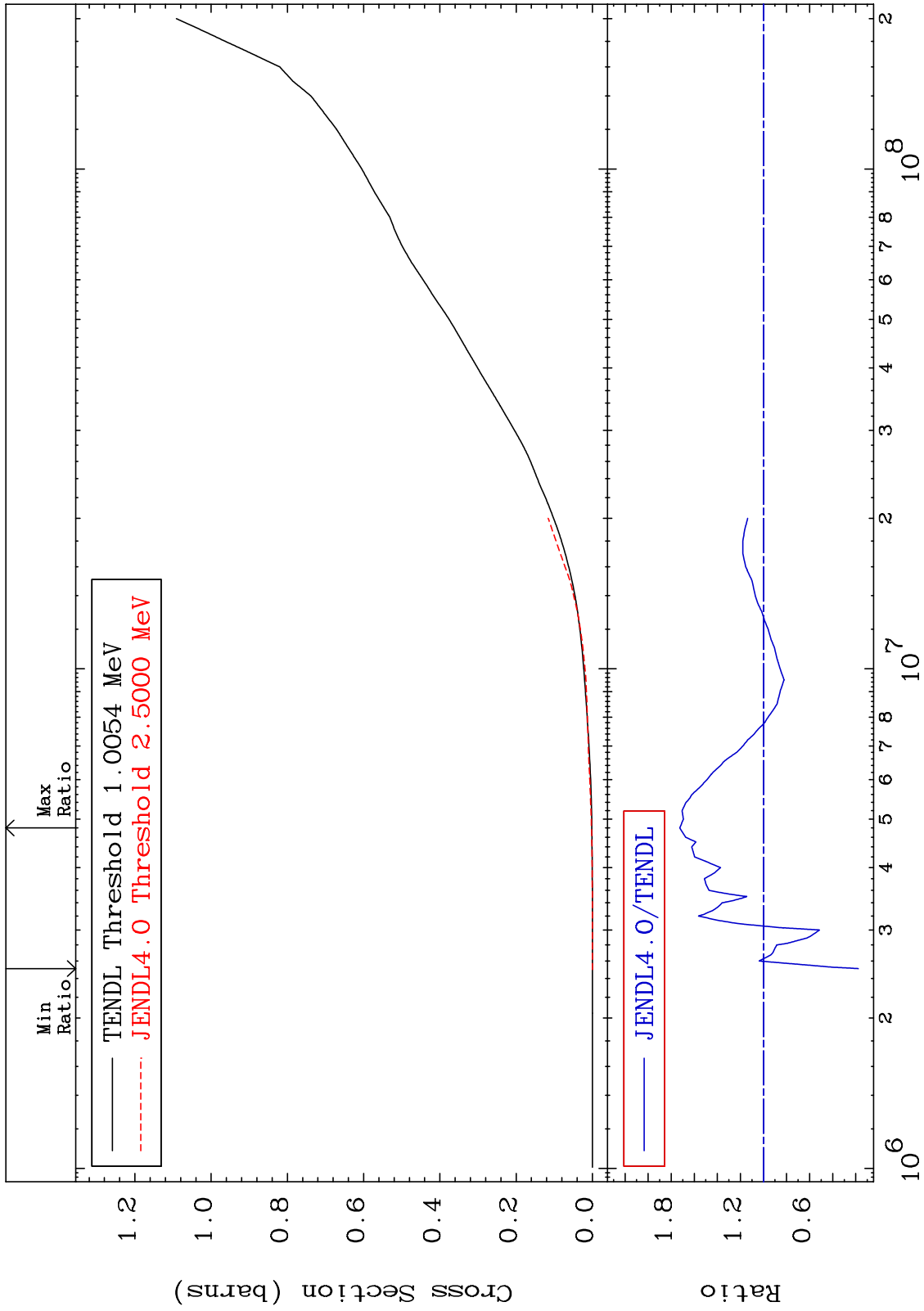
Incident Energy (eV)

38-Sr-86

MAT 3831

### Hydrogen Production Cross Section

38-Sr-86  
-82.24 To 72.55 %



31

Incident Energy (eV)

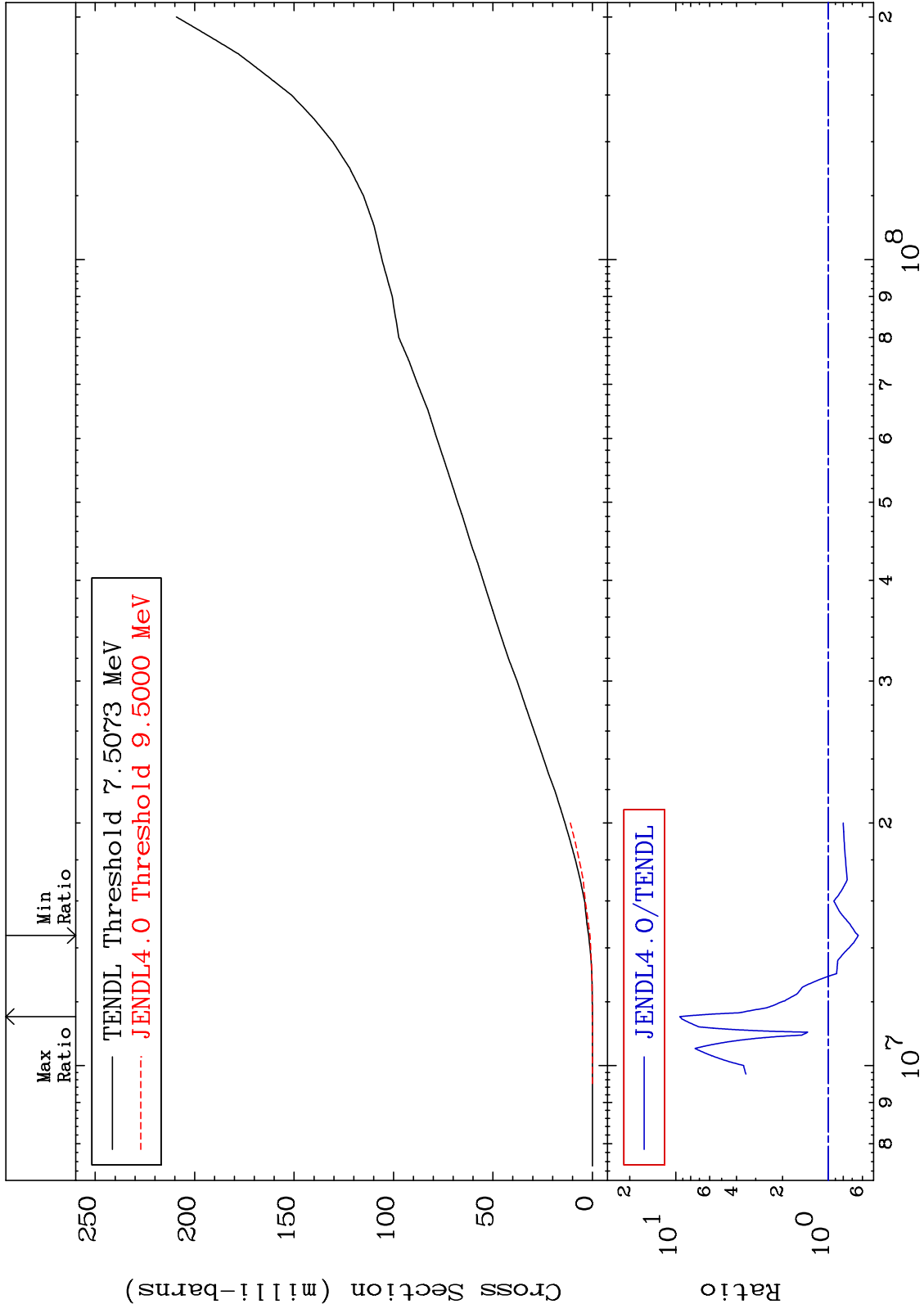
38-Sr-86

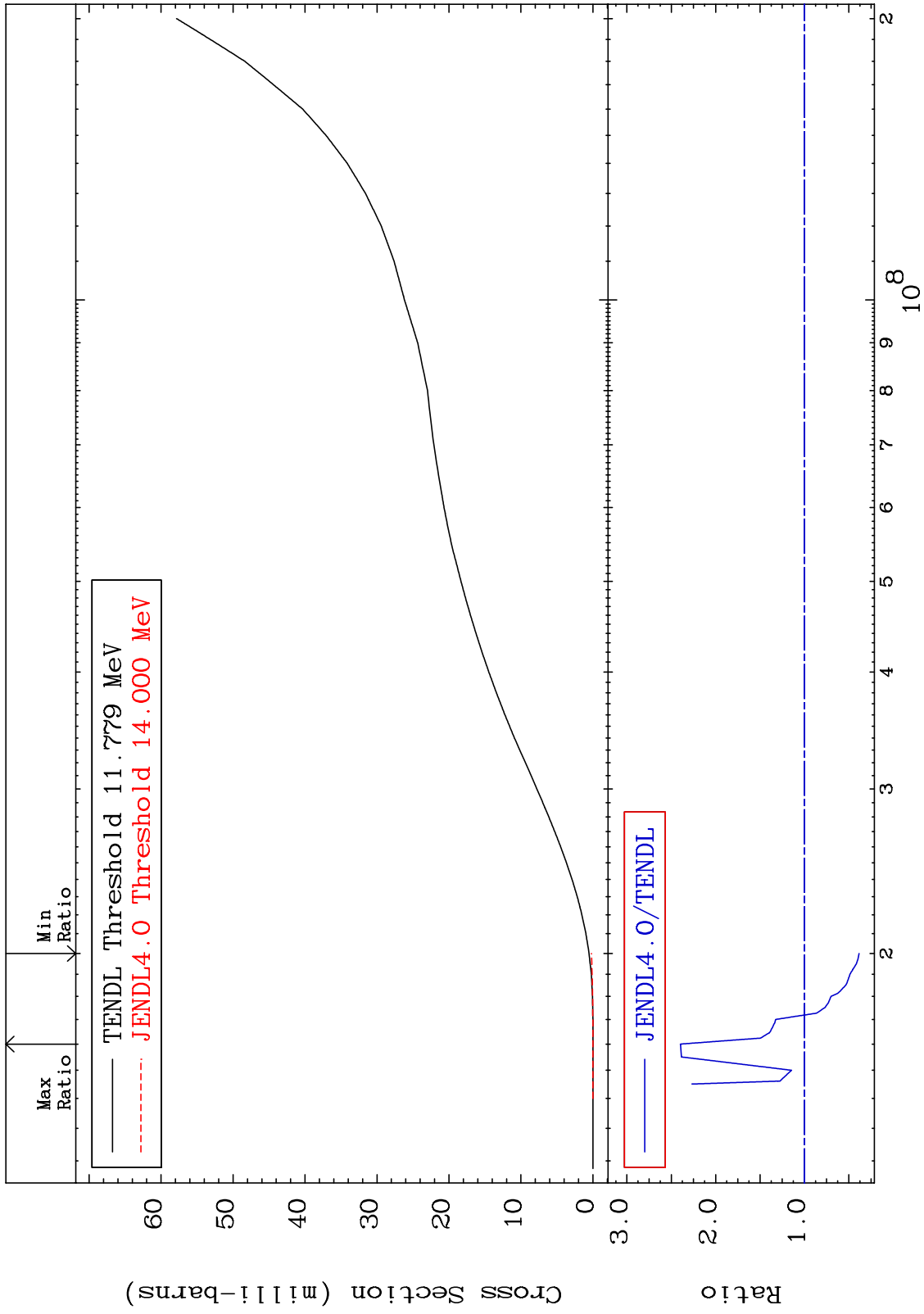


MAT 3831

Deuterium Production  
Cross Section

38-Sr-86  
-36.27 To 840.9 %

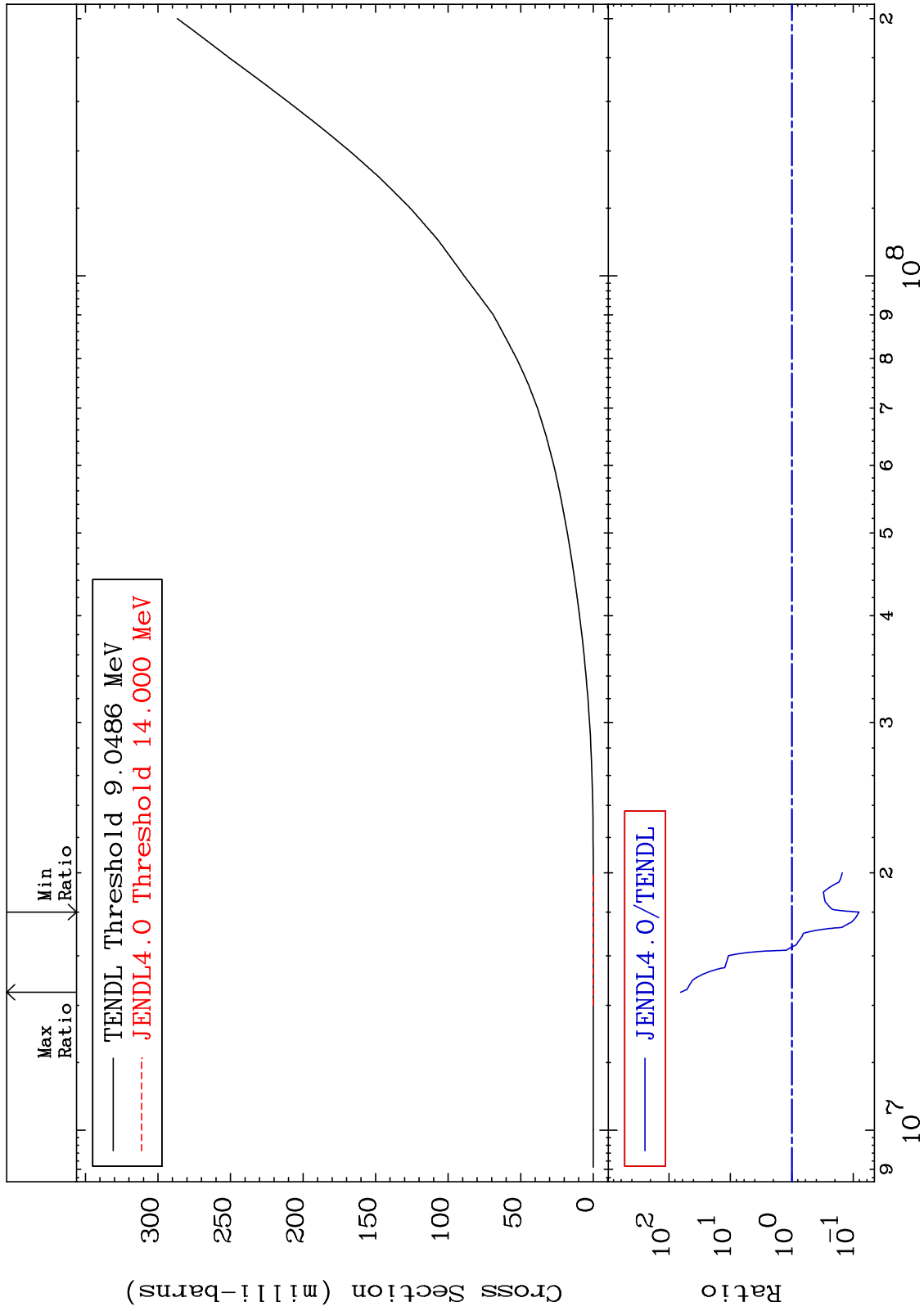




MAT 3831

He-3 Production  
Cross Section

38-Sr-86  
-91.98 To 6356. %



34

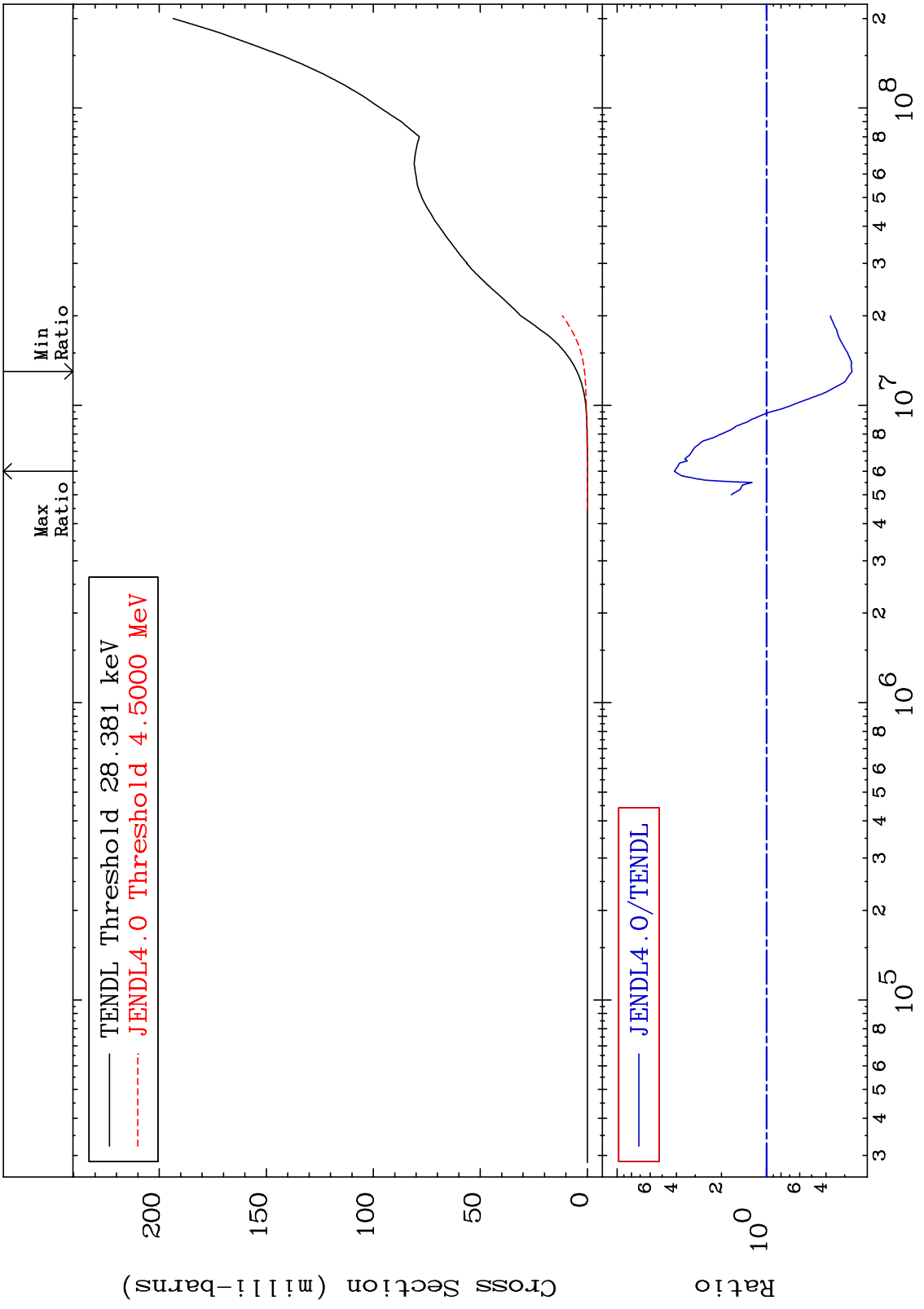
Incident Energy (eV)

38-Sr-86

MAT 3831

He-4 Production  
Cross Section

38-Sr-86  
-73.23 To 313.6 %



35

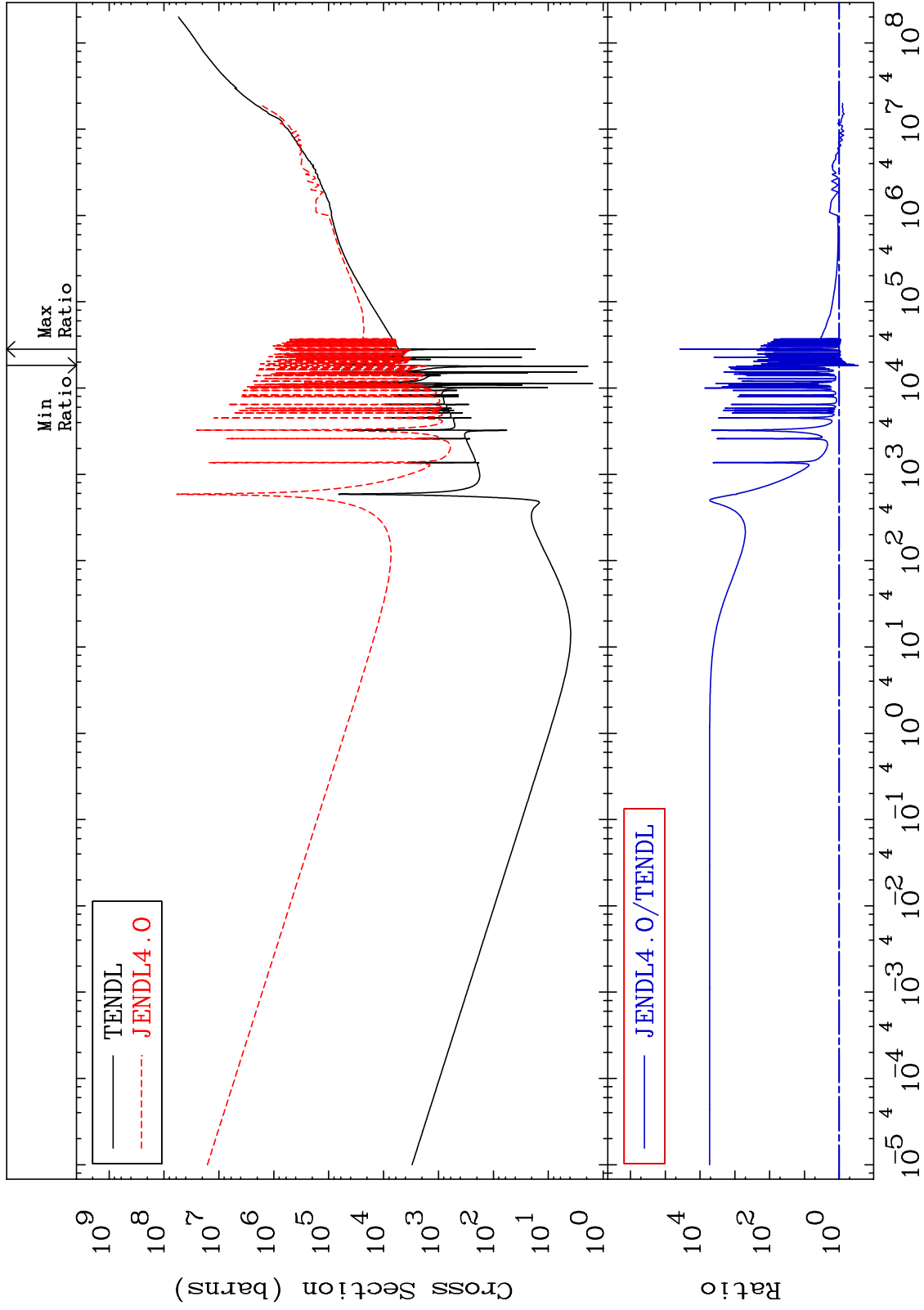
Incident Energy (eV)

38-Sr-86

MAT 3831

Kerma total (eV-barns)  
Cross Section

38-Sr-86  
-71.82 To 9999. %



36

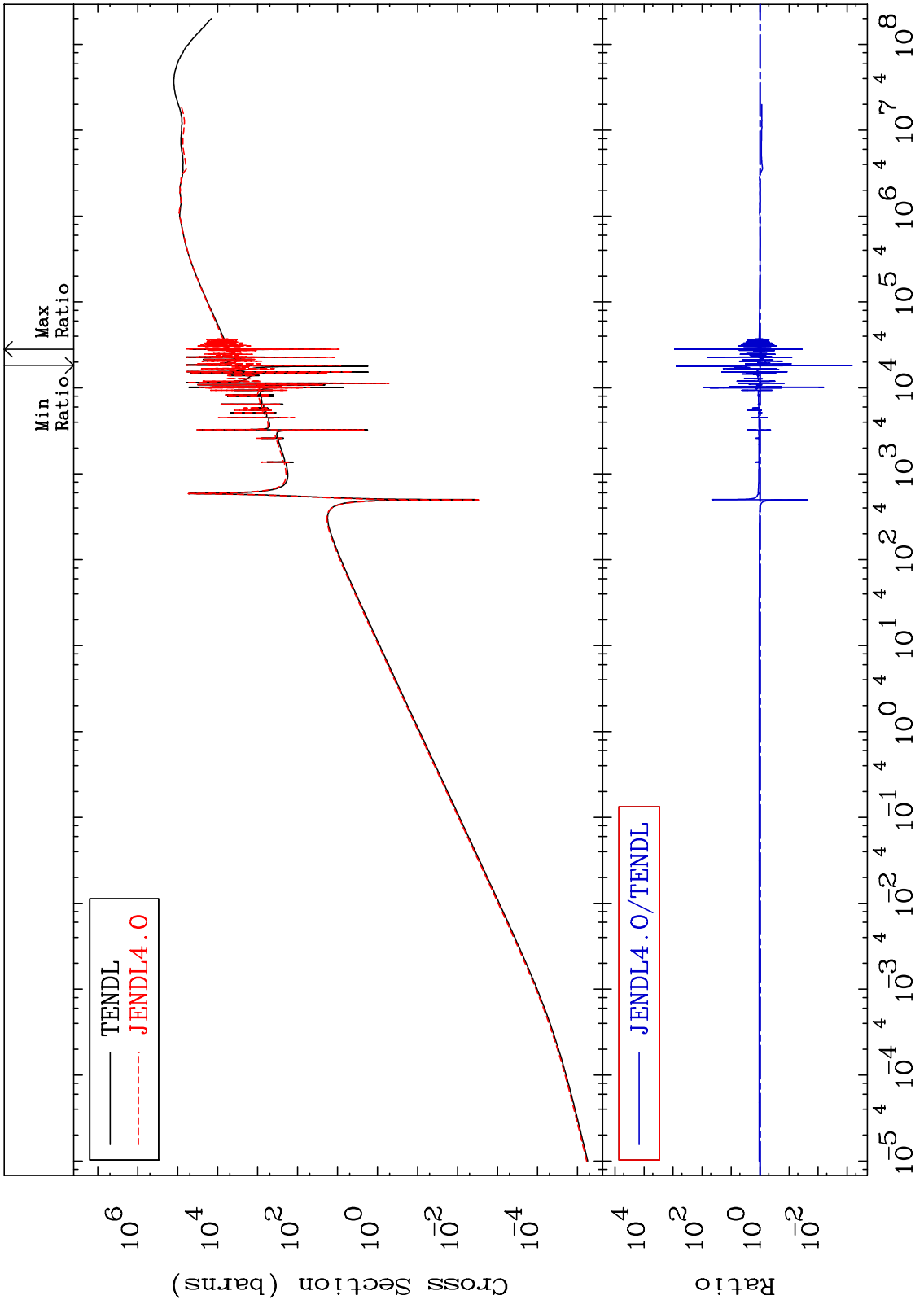
Incident Energy (eV)

38-Sr-86

MAT 3831

Kerma elastic  
Cross Section

38-Sr-86  
-99.93 To 9999. %



37

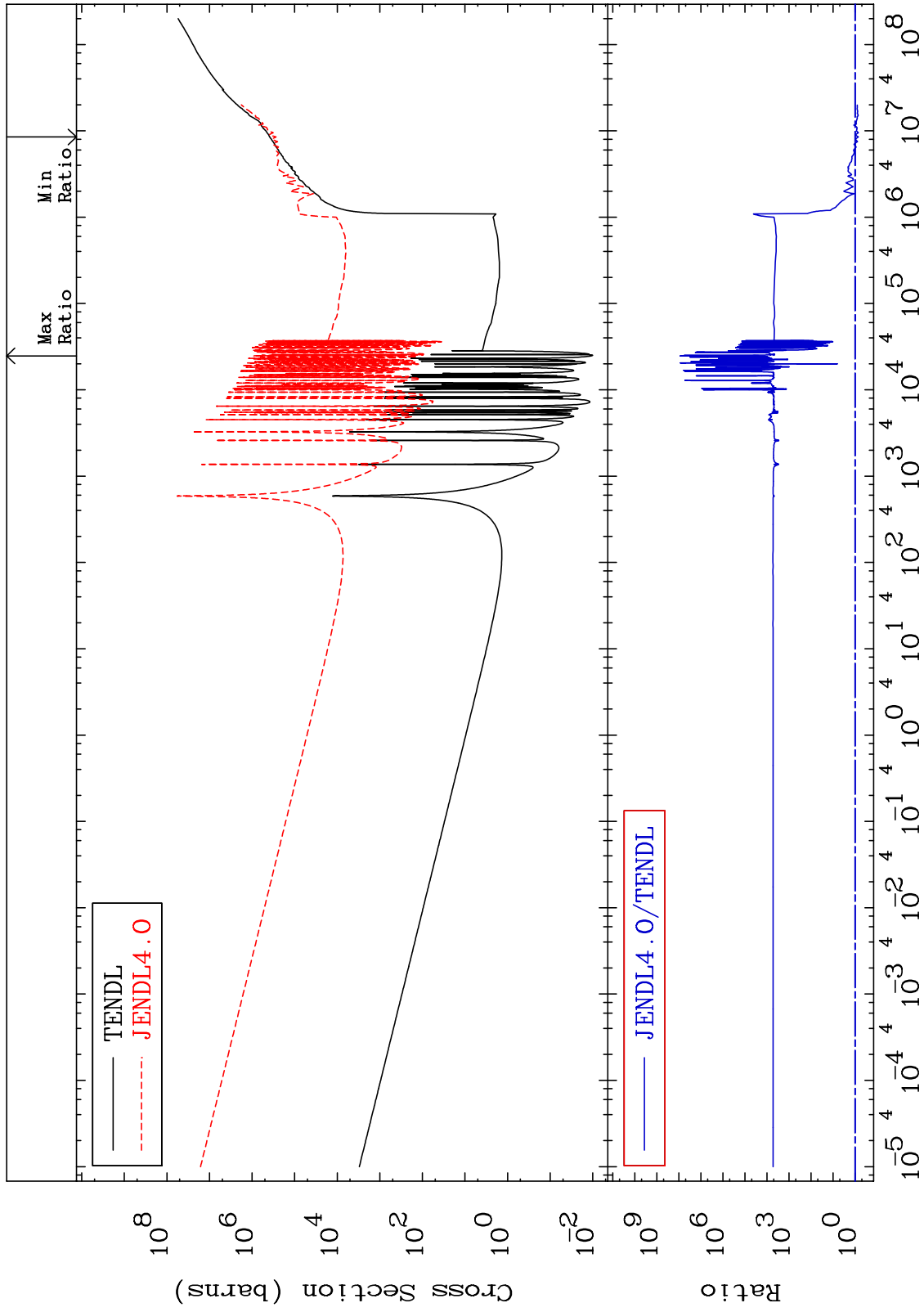
Incident Energy (eV)

38-Sr-86

MAT 3831

Kerma non-elastic (all but mt2)  
Cross Section

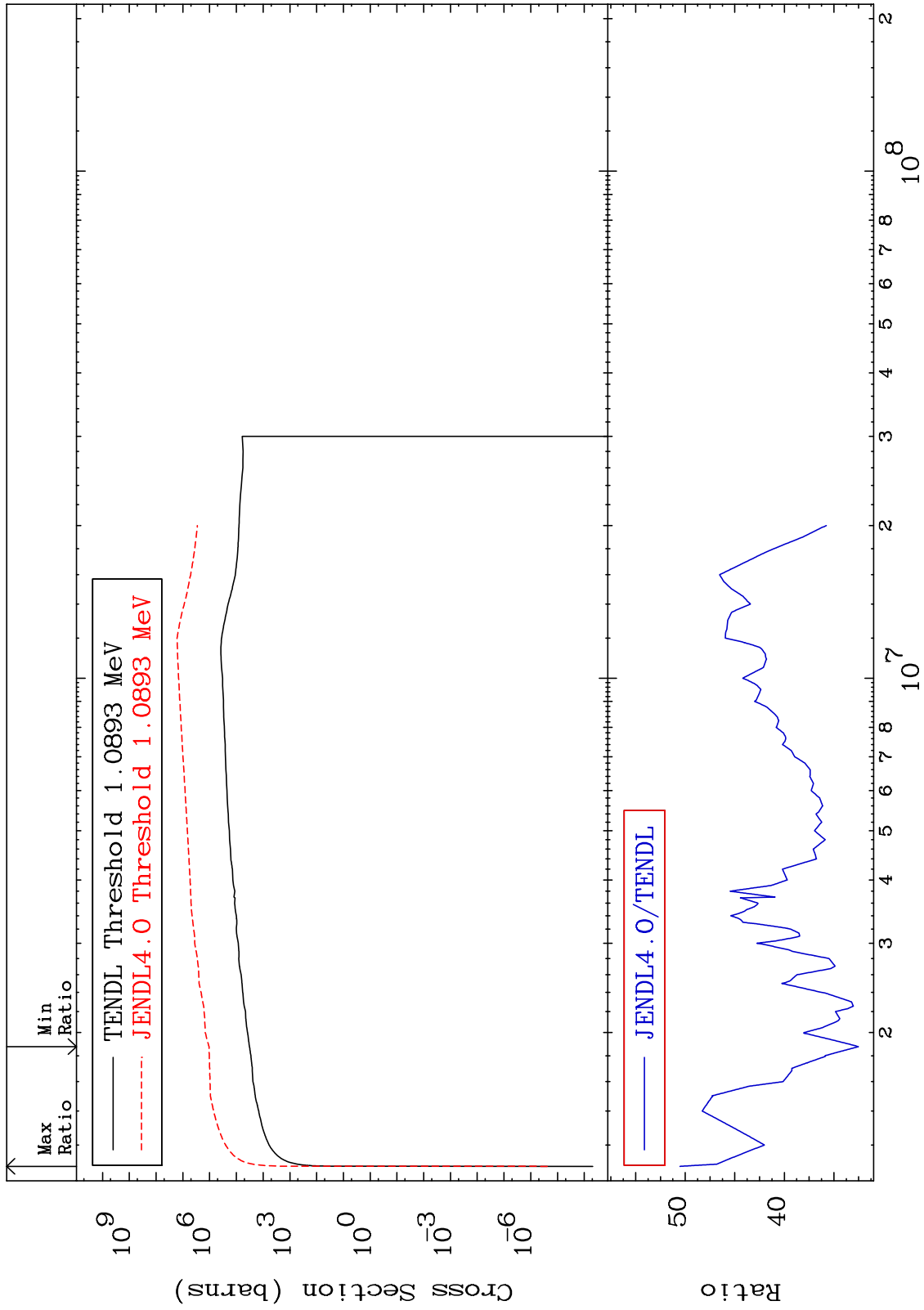
38-Sr-86  
-28.98 To 9999. %



38

Incident Energy (eV)

38-Sr-86

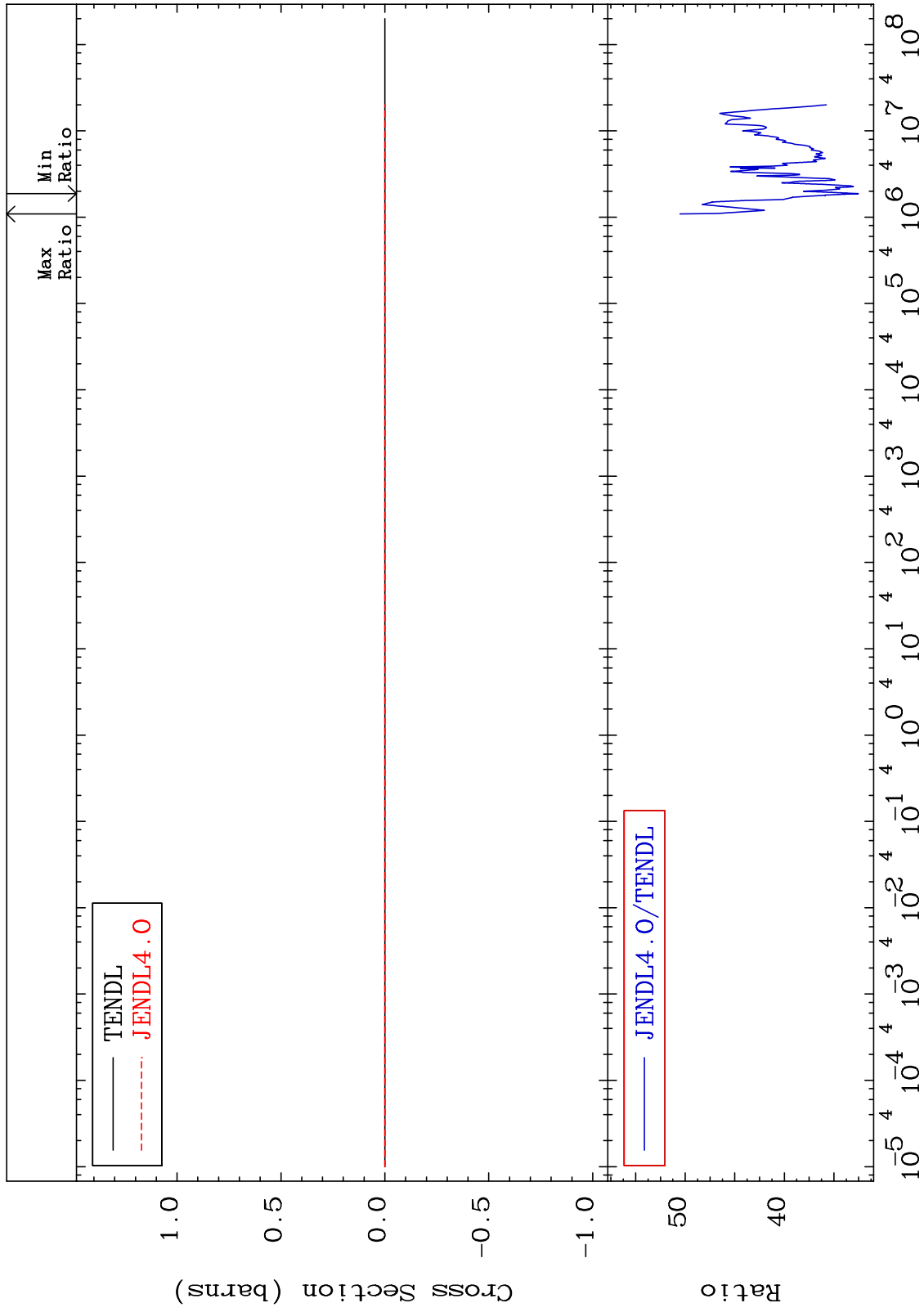




MAT 3831

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

38-Sr-86  
3152. To 4953. %



40

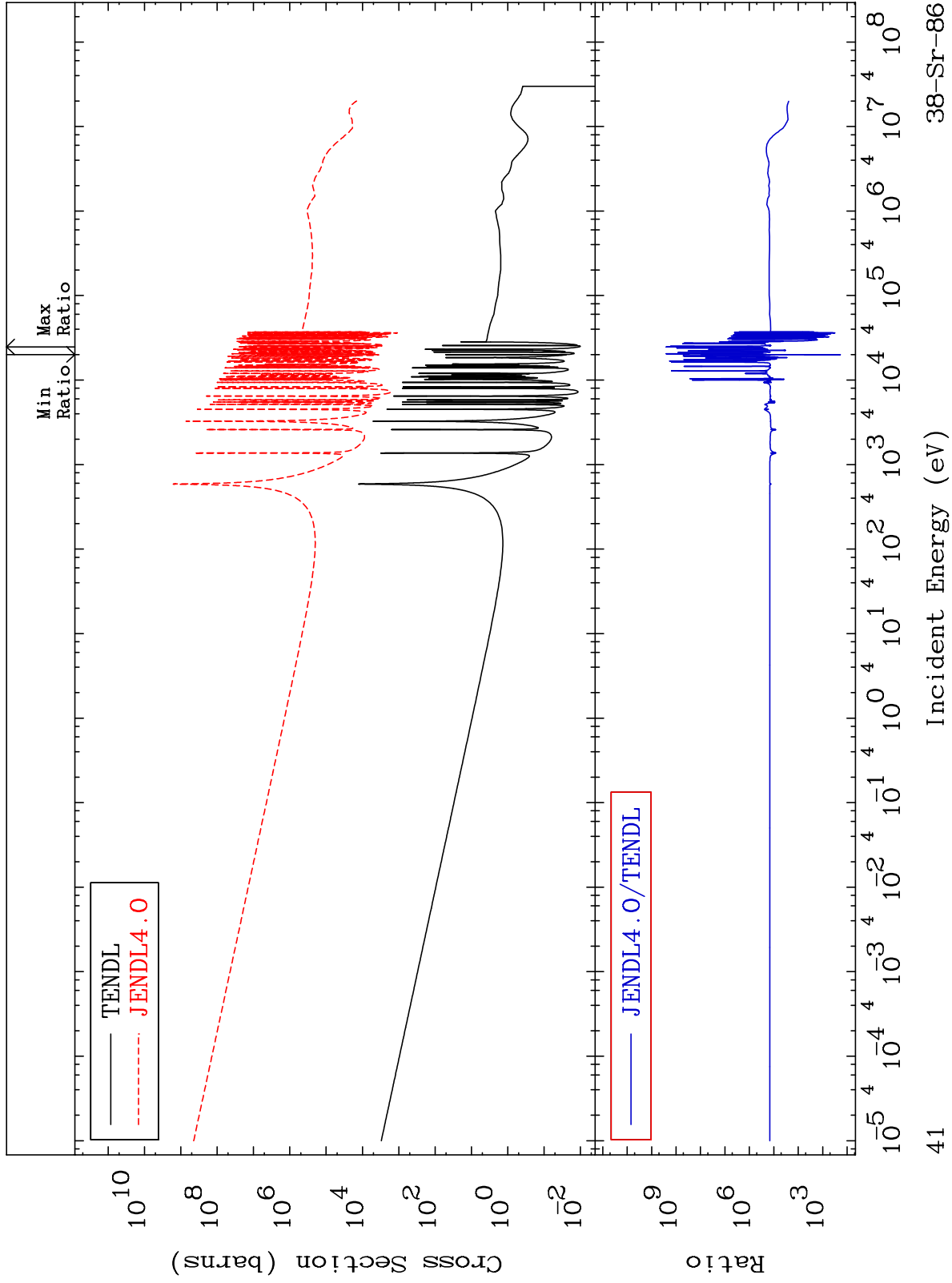
Incident Energy (eV)

38-Sr-86

MAT 3831

Kerma capture (mt102)  
Cross Section

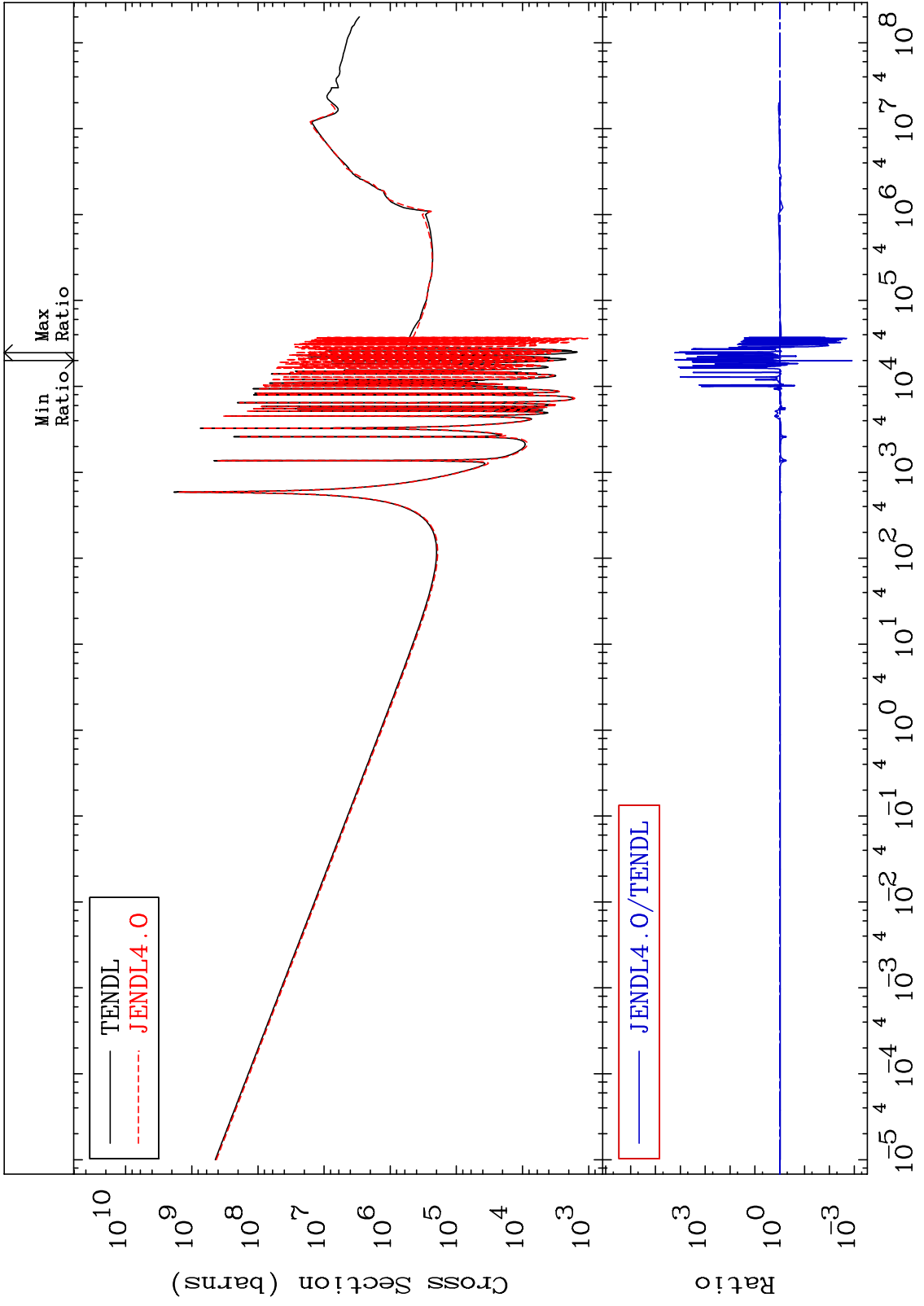
38-Sr-86  
9999. To 9999. %



MAT 3831

Total photon (eV-barns)  
Cross Section

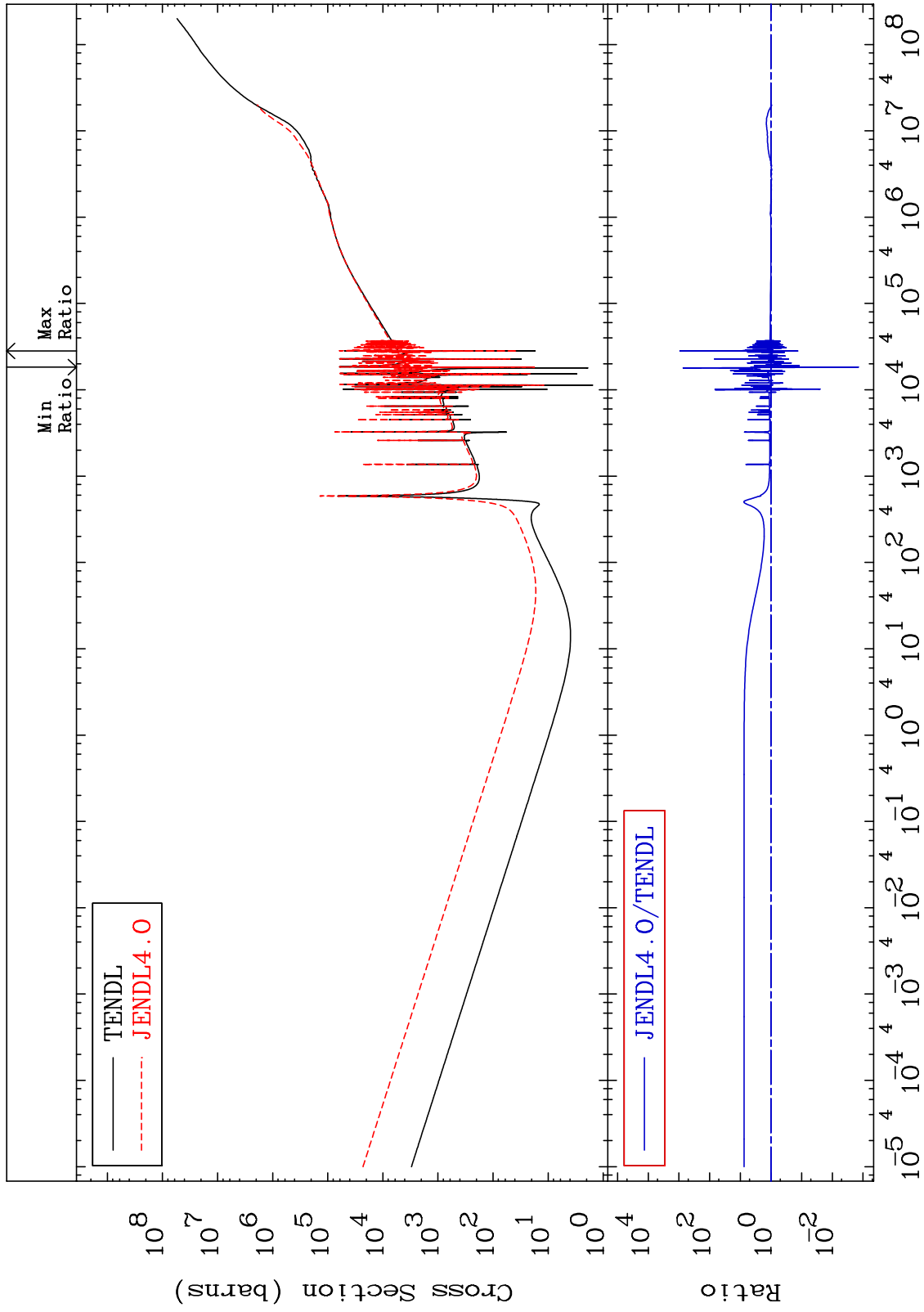
38-Sr-86  
-99.88 To 9999. %



MAT 3831

Total kinematic kerma (high limit)  
Cross Section

38-Sr-86  
-99.86 To 9999. %



43

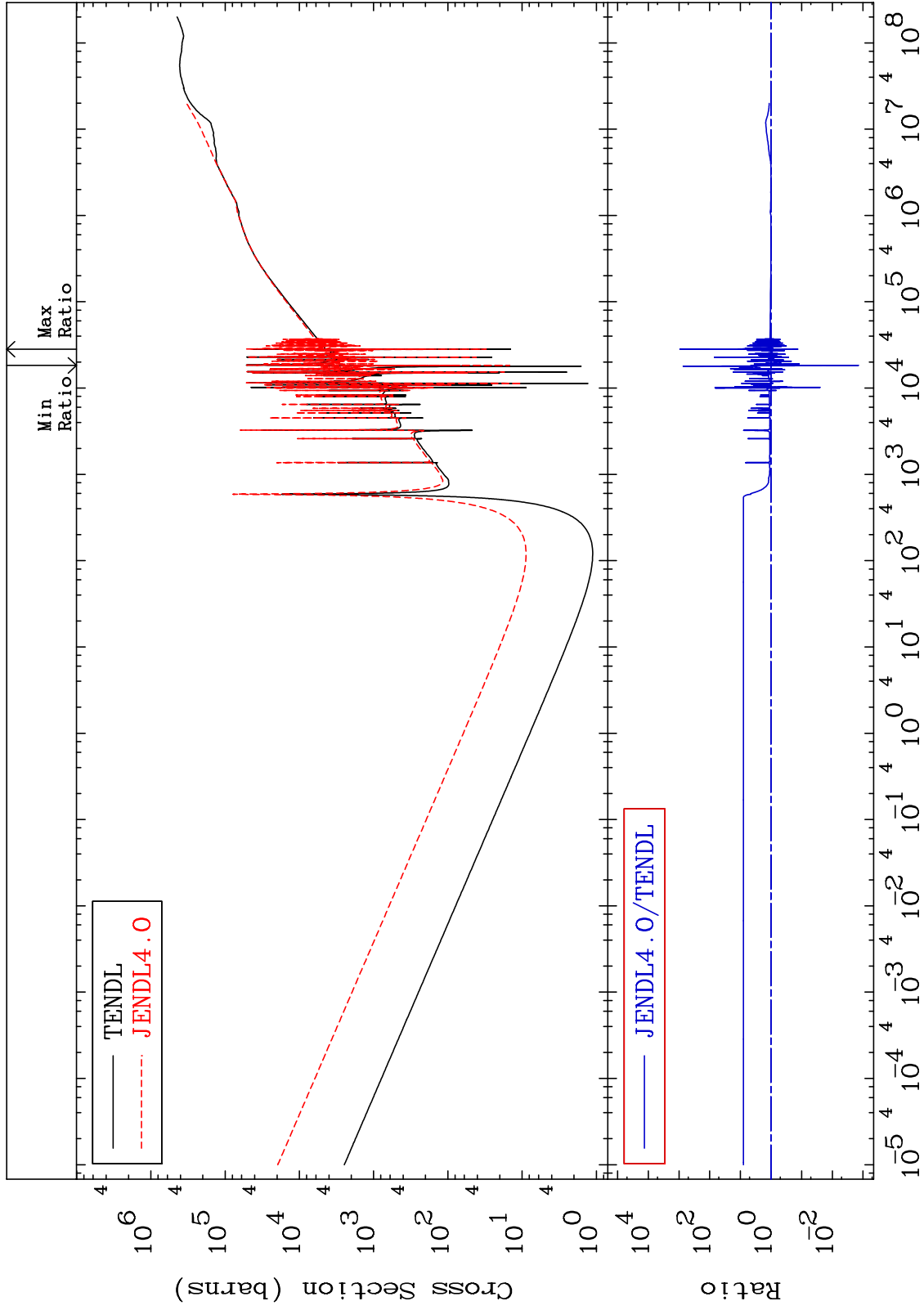
Incident Energy (eV)

38-Sr-86

MAT 3831

Dpa total (eV-barns)  
Cross Section

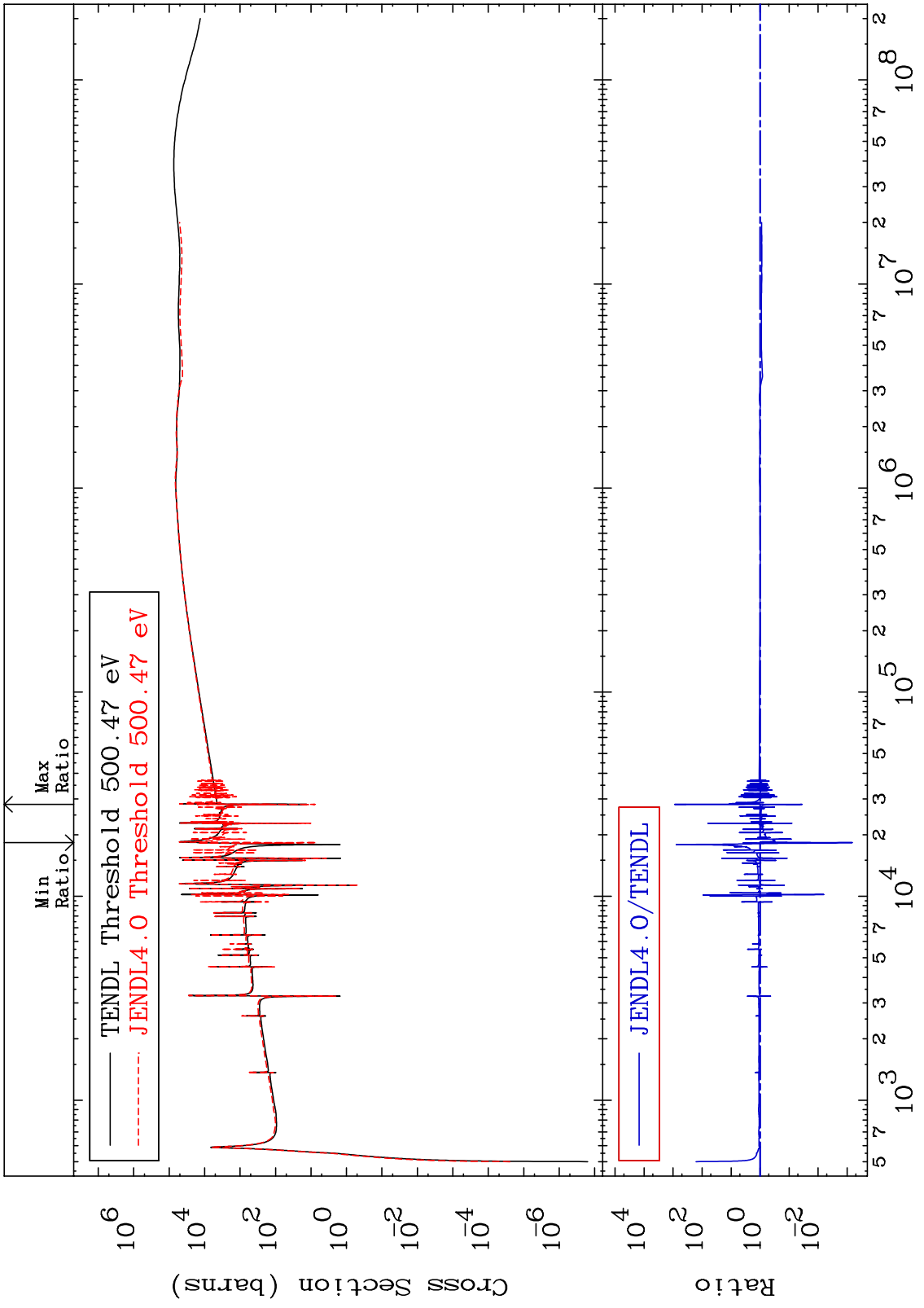
38-Sr-86  
-99.86 To 9999. %



MAT 3831

Dpa elastic (mt2)  
Cross Section

38-Sr-86  
-99.93 To 9999. %



45

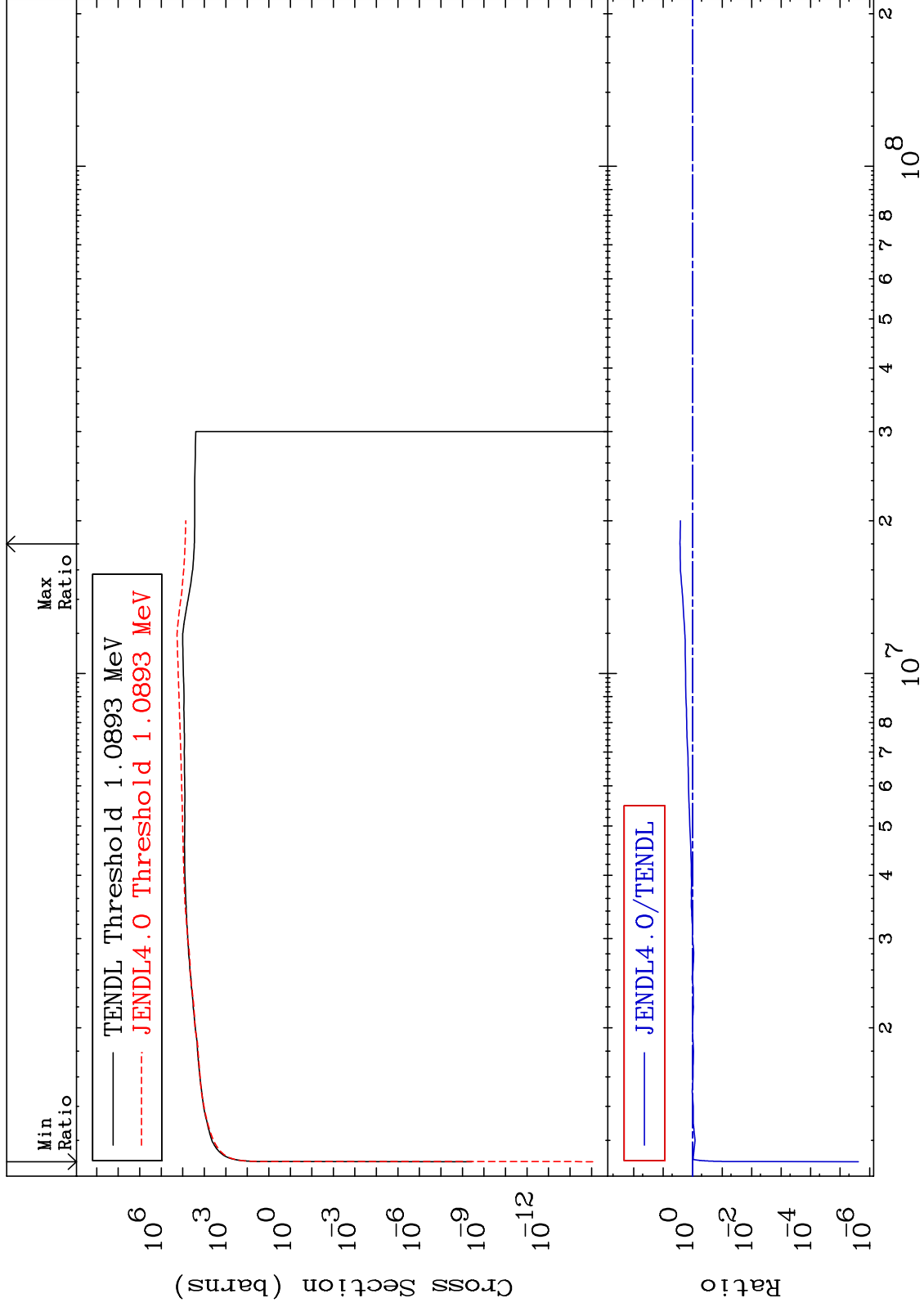
38-Sr-86

38-Sr-86

MAT 3831

Dpa inelastic (mt51-91)  
Cross Section

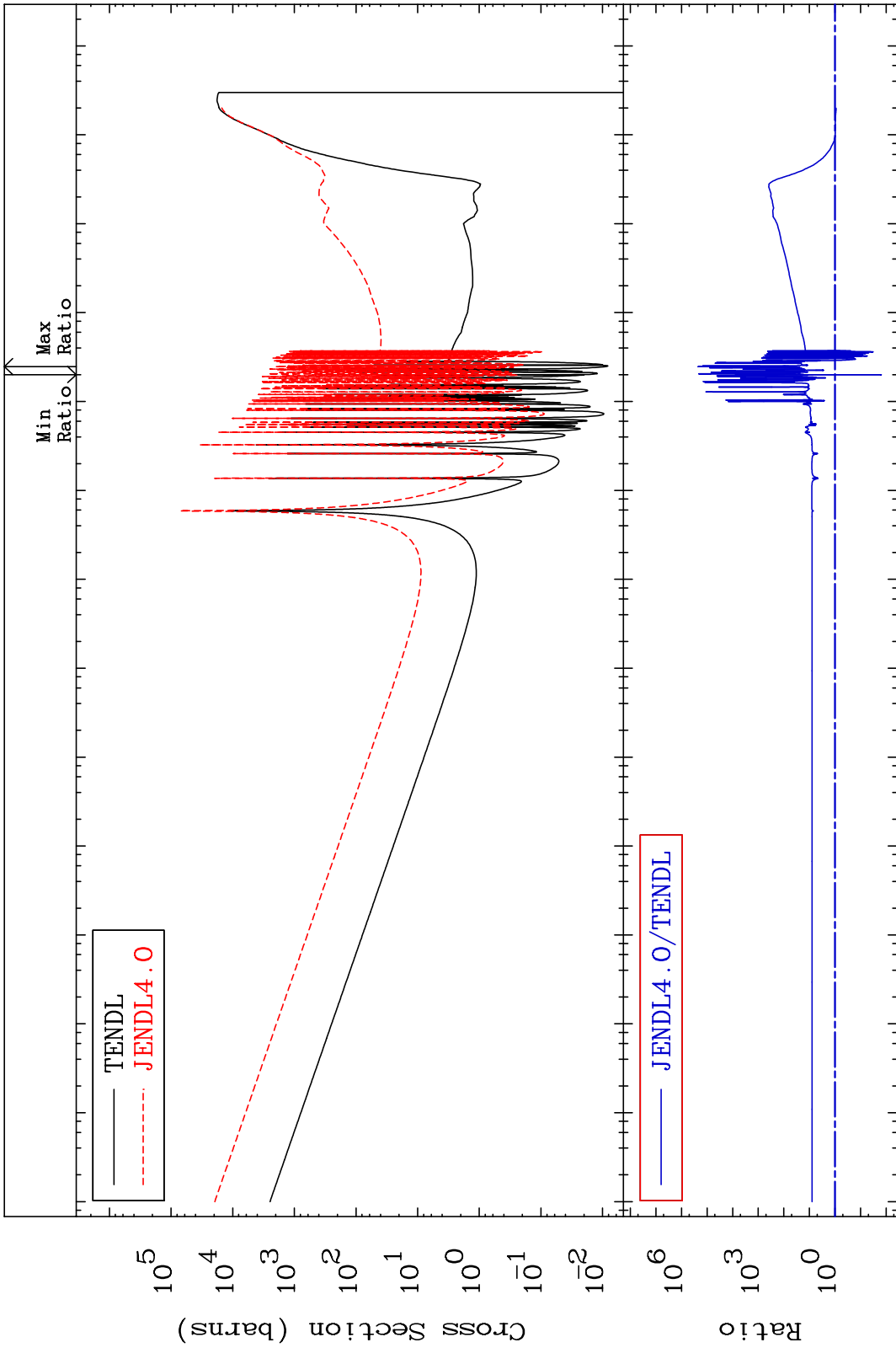
38-Sr-86  
-100.0 To 168.5 %



MAT 3831

Dpa disappearance (mt102 -120)  
Cross Section

38-Sr-86  
-98.47 To 9999. %



47

Incident Energy (eV)

38-Sr-86



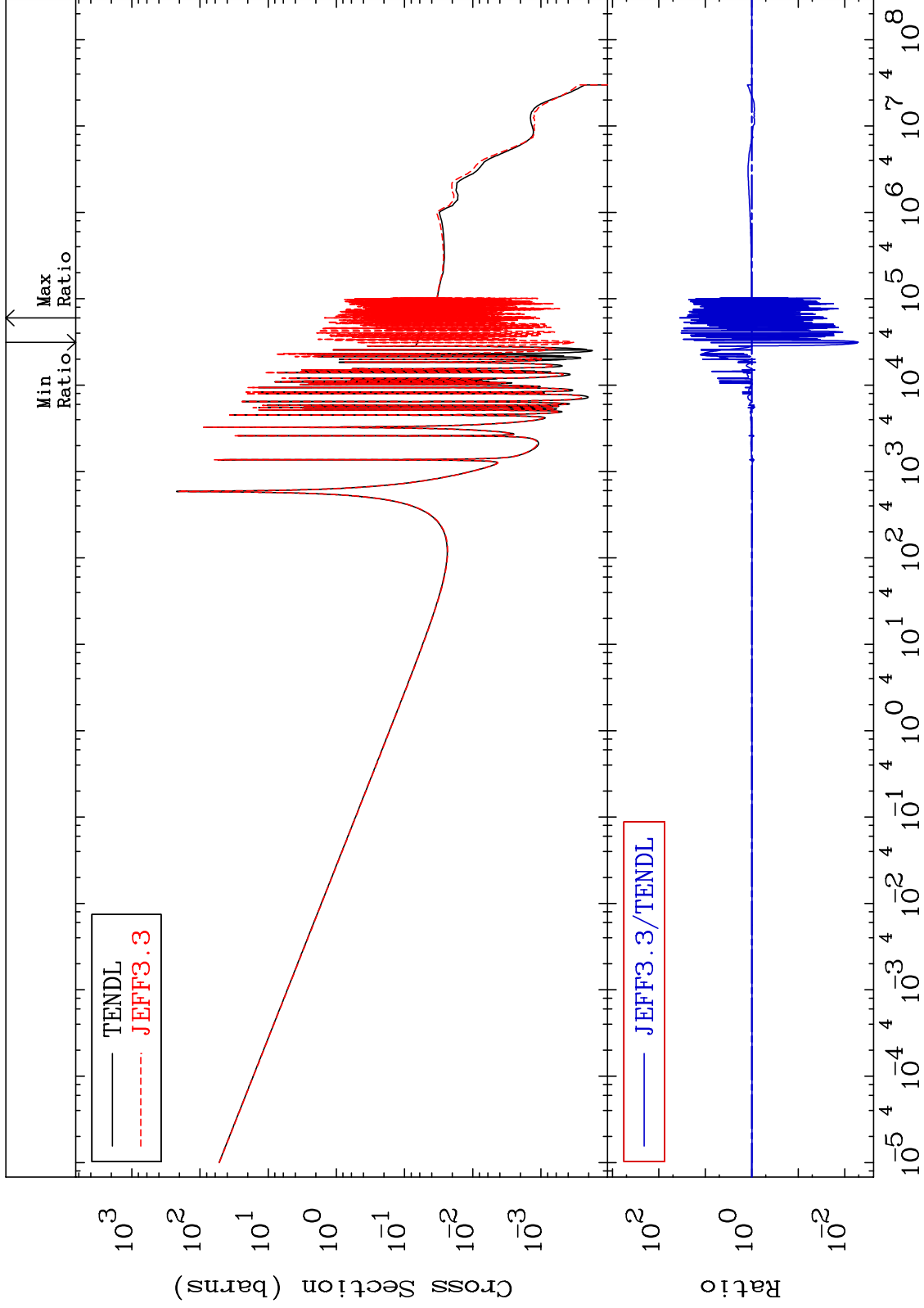
MAT 3831

(n,  $\gamma$ )

38-Sr-86

Cross Section

-99.49 To 3445. %



48

Incident Energy (eV)

38-Sr-86

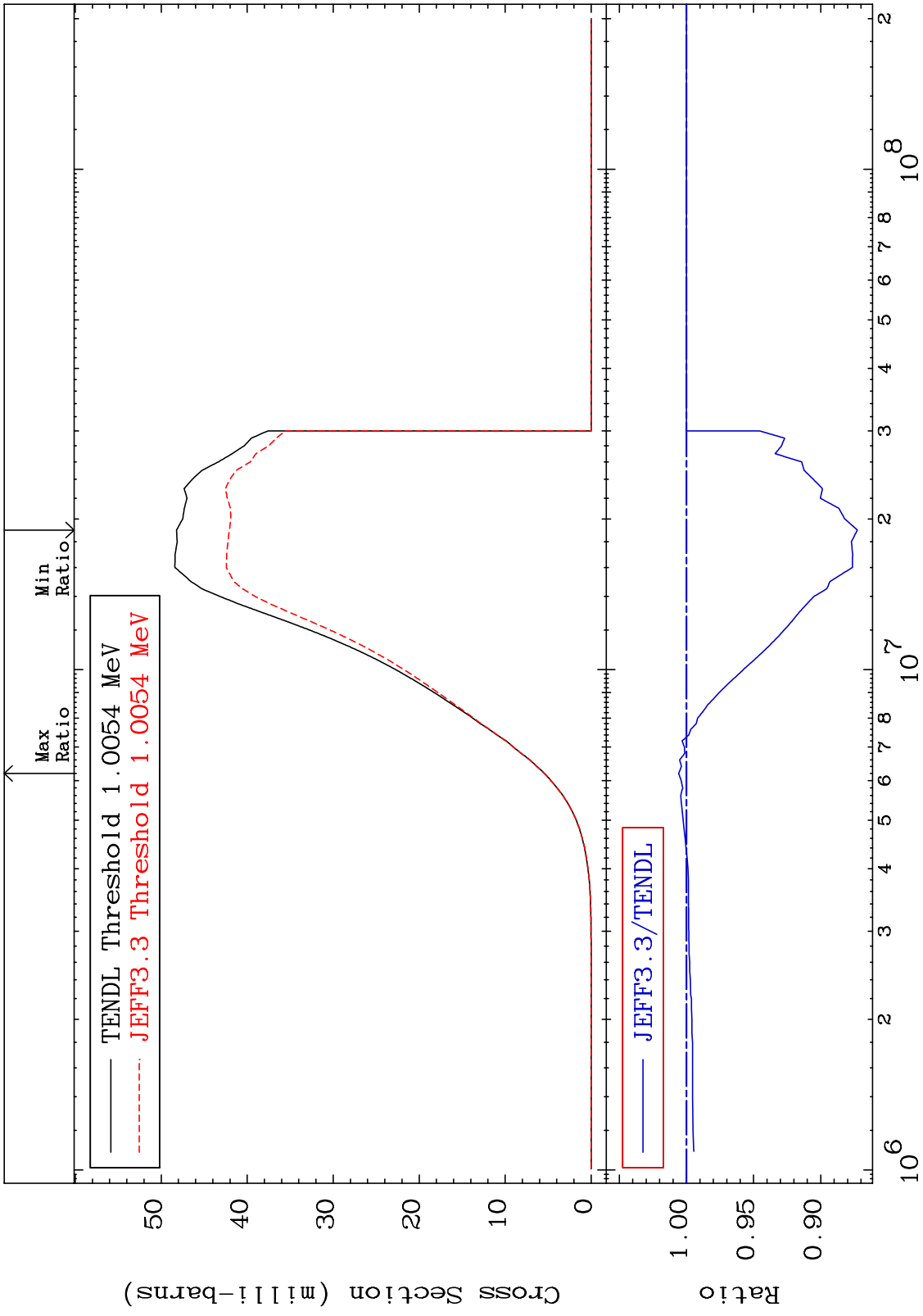
MAT 3831

(n, p)

38-Sr-86

-12.73 To 0.584 %

Cross Section



49

Incident Energy (eV)

38-Sr-86

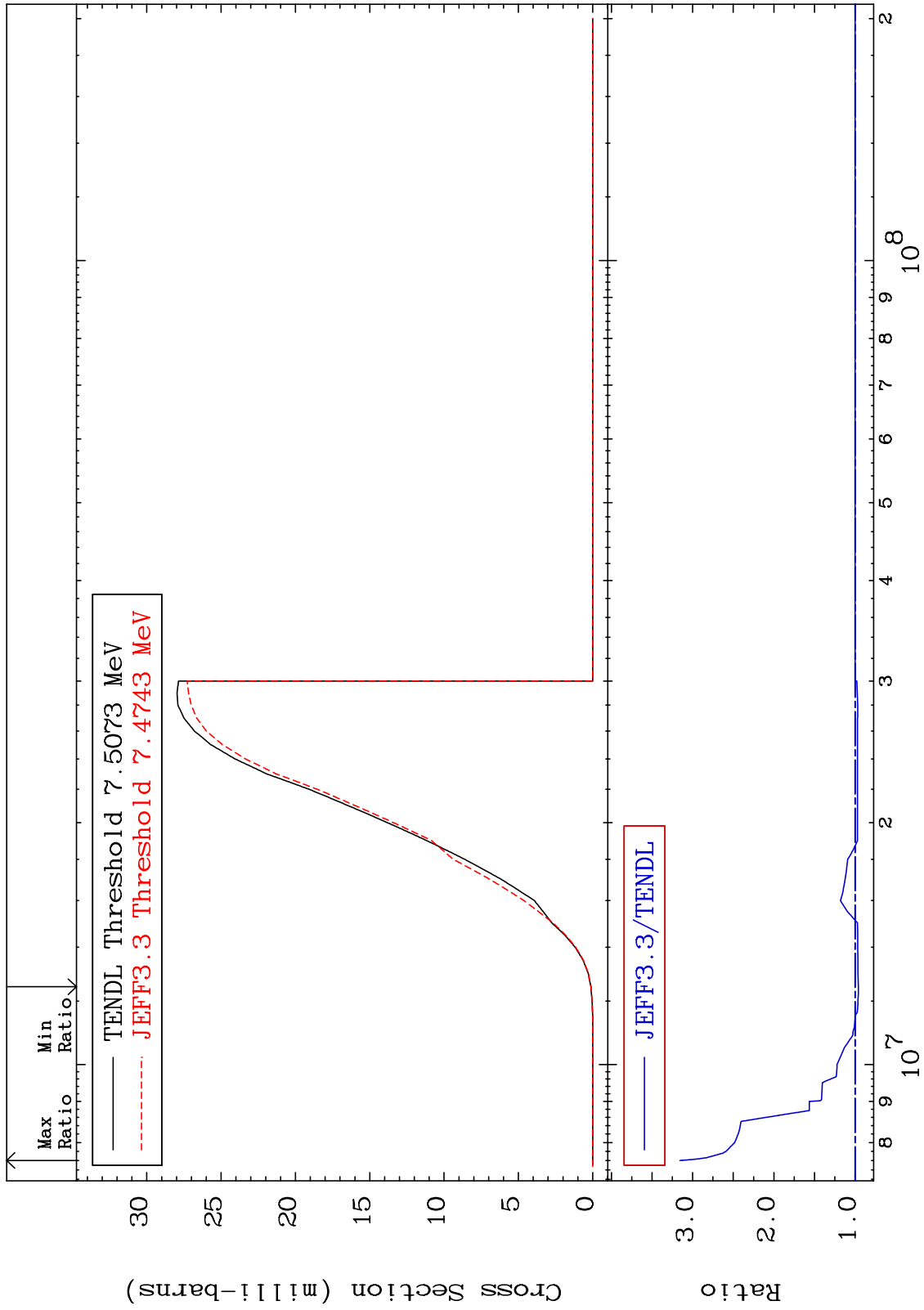
MAT 3831

(n, d)

38-Sr-86

Cross Section

-4.130 To 215.6 %



50

Incident Energy (eV)

38-Sr-86

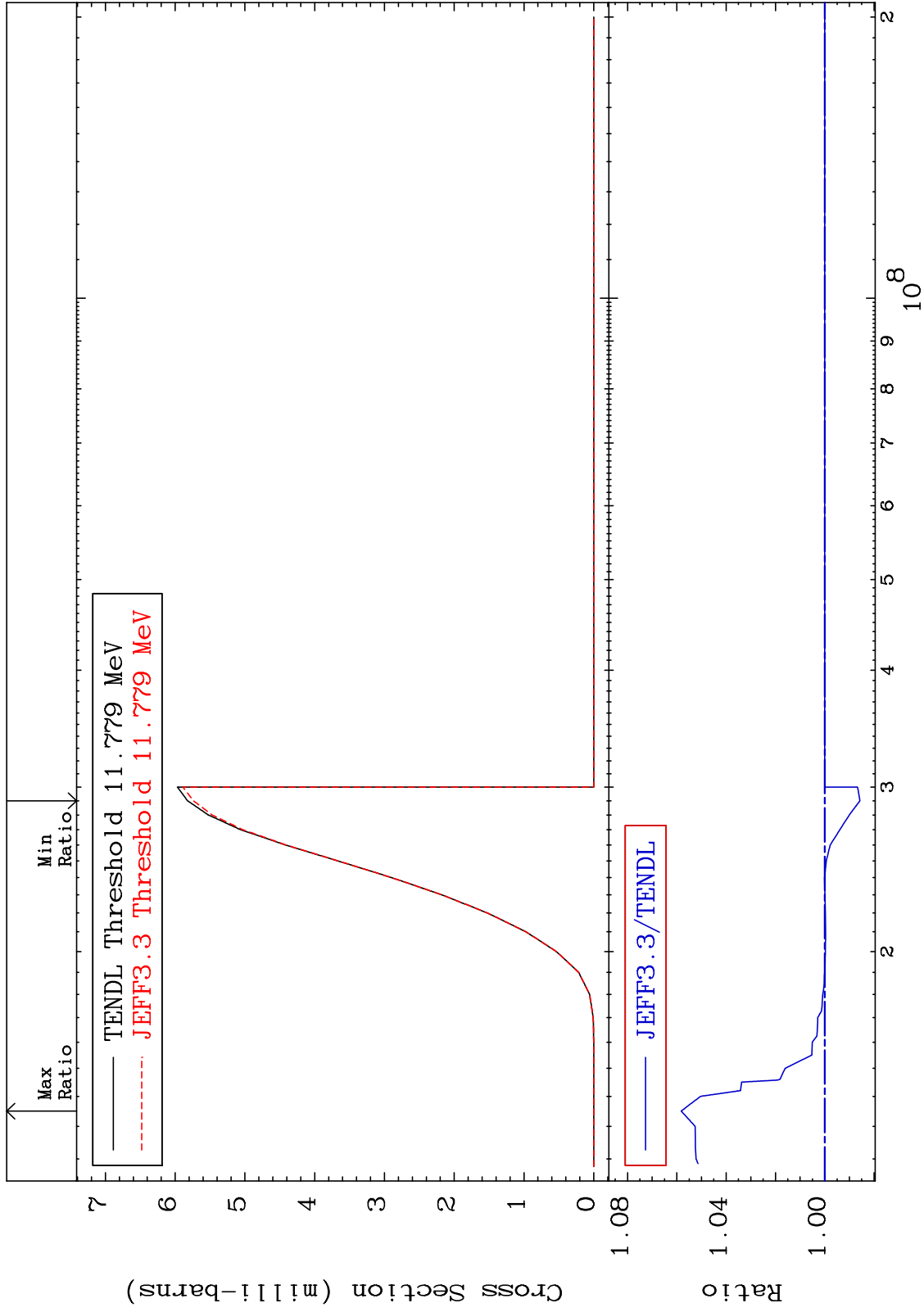
MAT 3831

(n, t)

38-Sr-86

Cross Section

-1.427 To 5.822 %



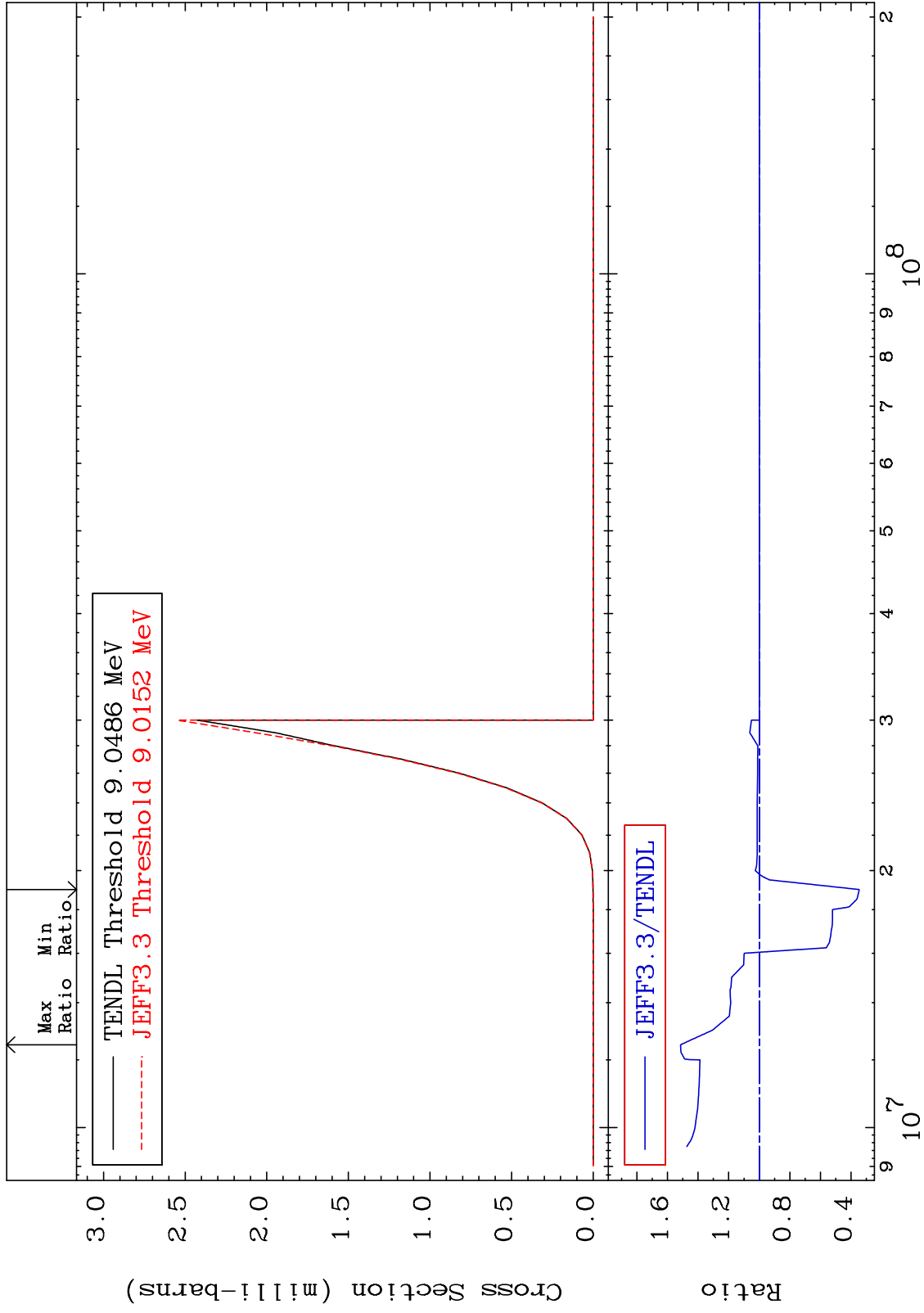
MAT 3831

(n, He-3)

38-Sr-86

Cross Section

-65.30 To 51.41 %



52

Incident Energy (eV)

38-Sr-86

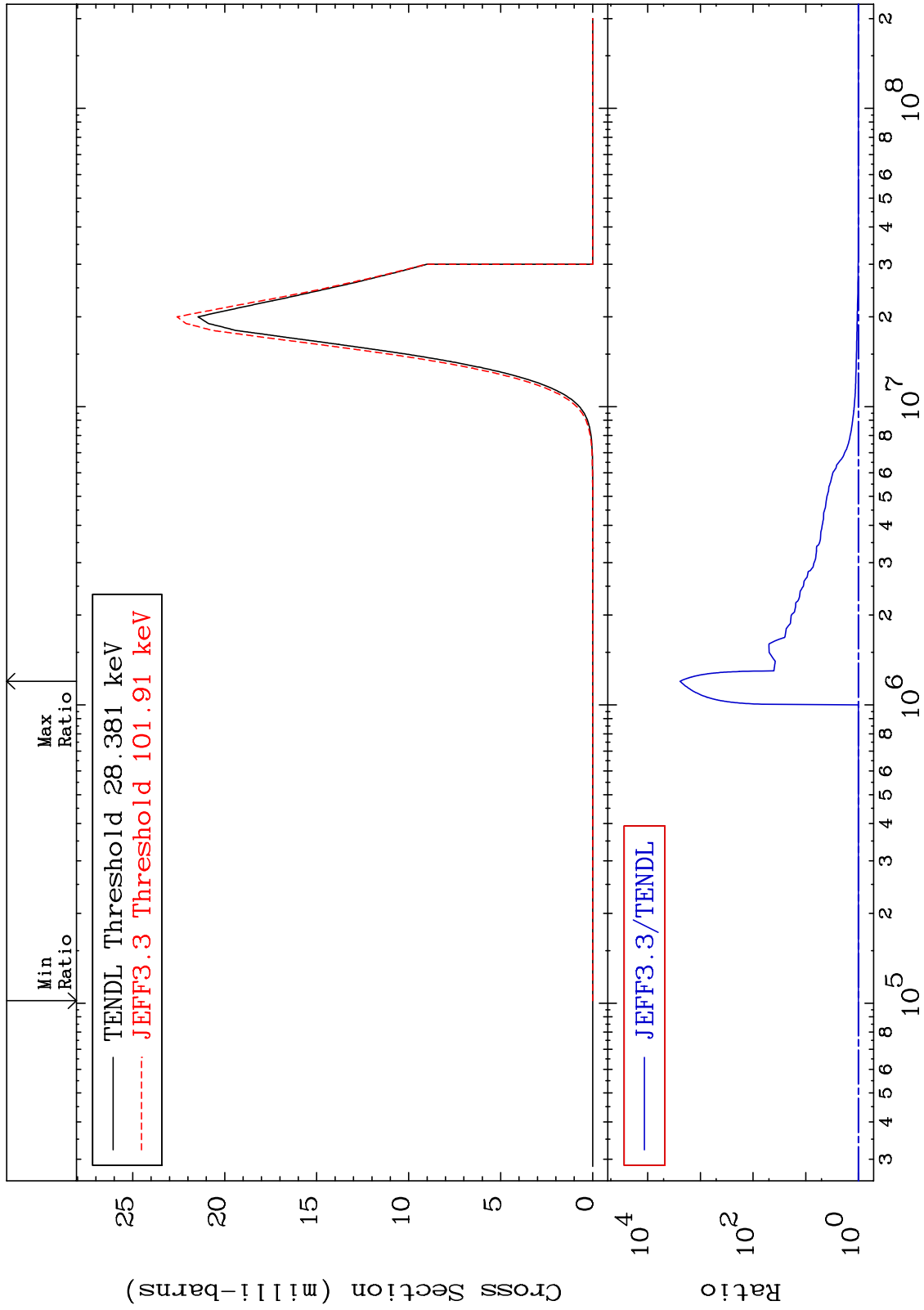
MAT 3831

38-Sr-86

0.000 To 9999. %

(n,  $\alpha$ )

Cross Section



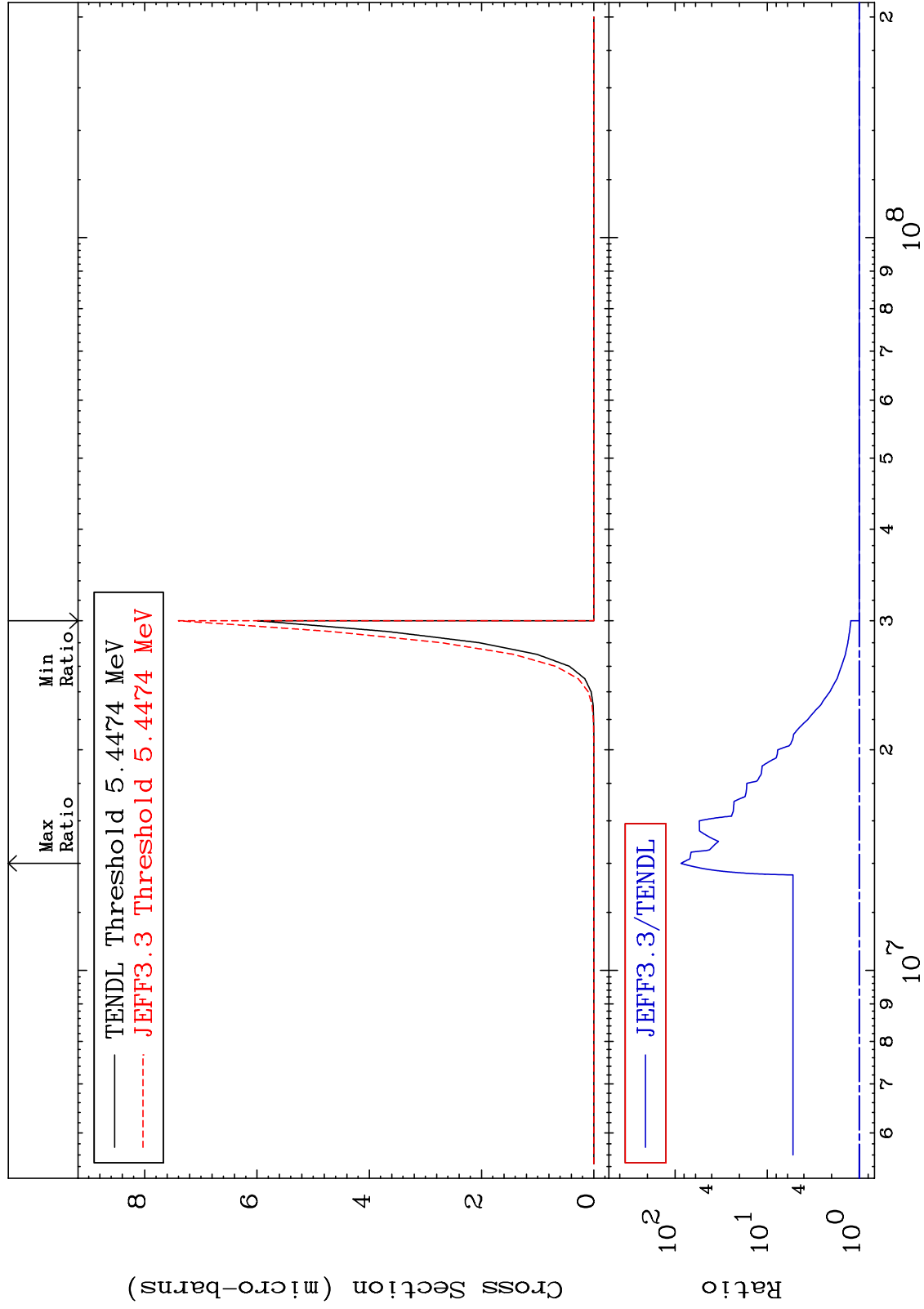
MAT 3831

(n, 2α)

38-Sr-86

0.000 To 8525. %

Cross Section



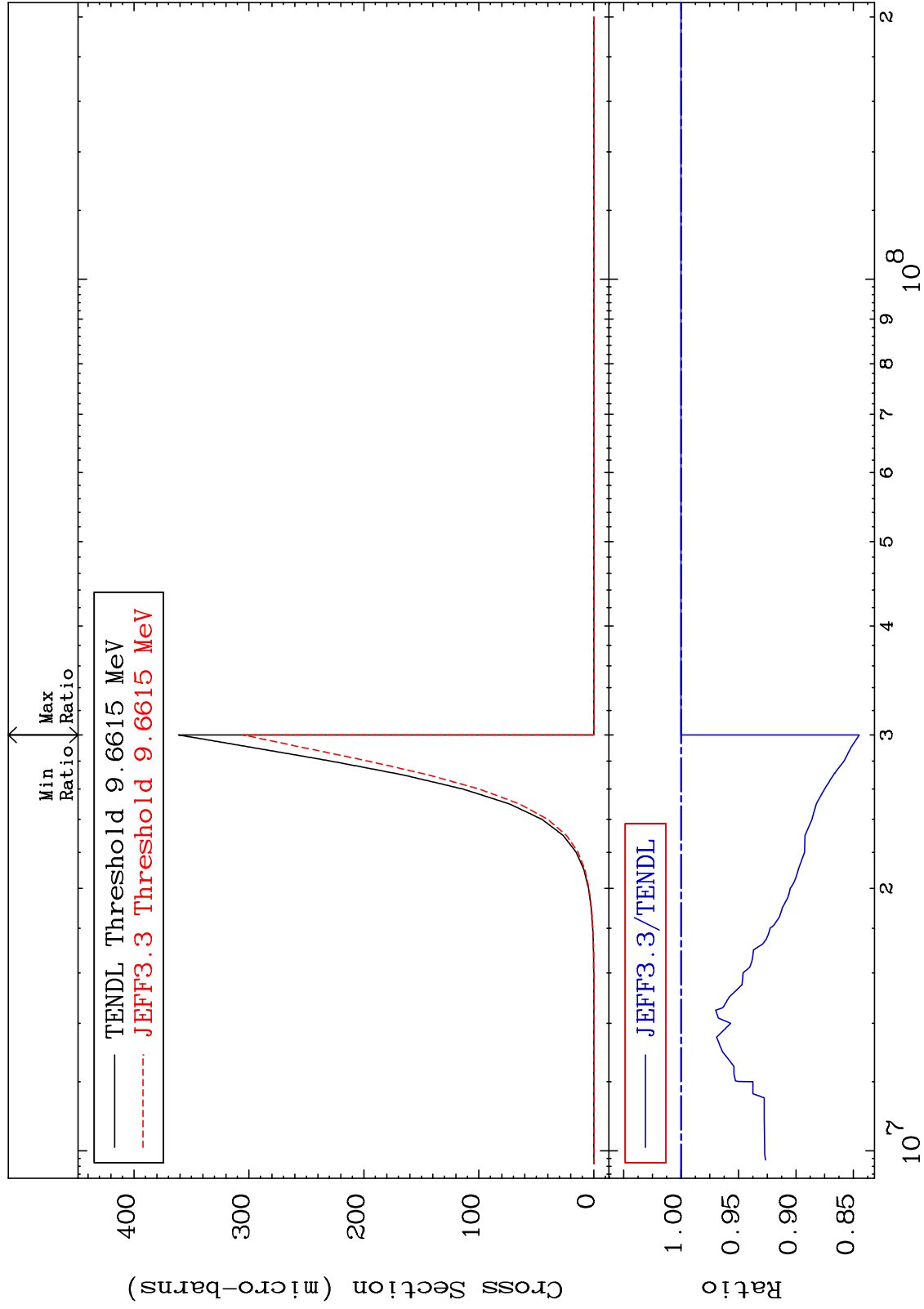
MAT 3831

(n,2p)

38-Sr-86

Cross Section

-15.51 To 0.000 %



55

Incident Energy (eV)

38-Sr-86



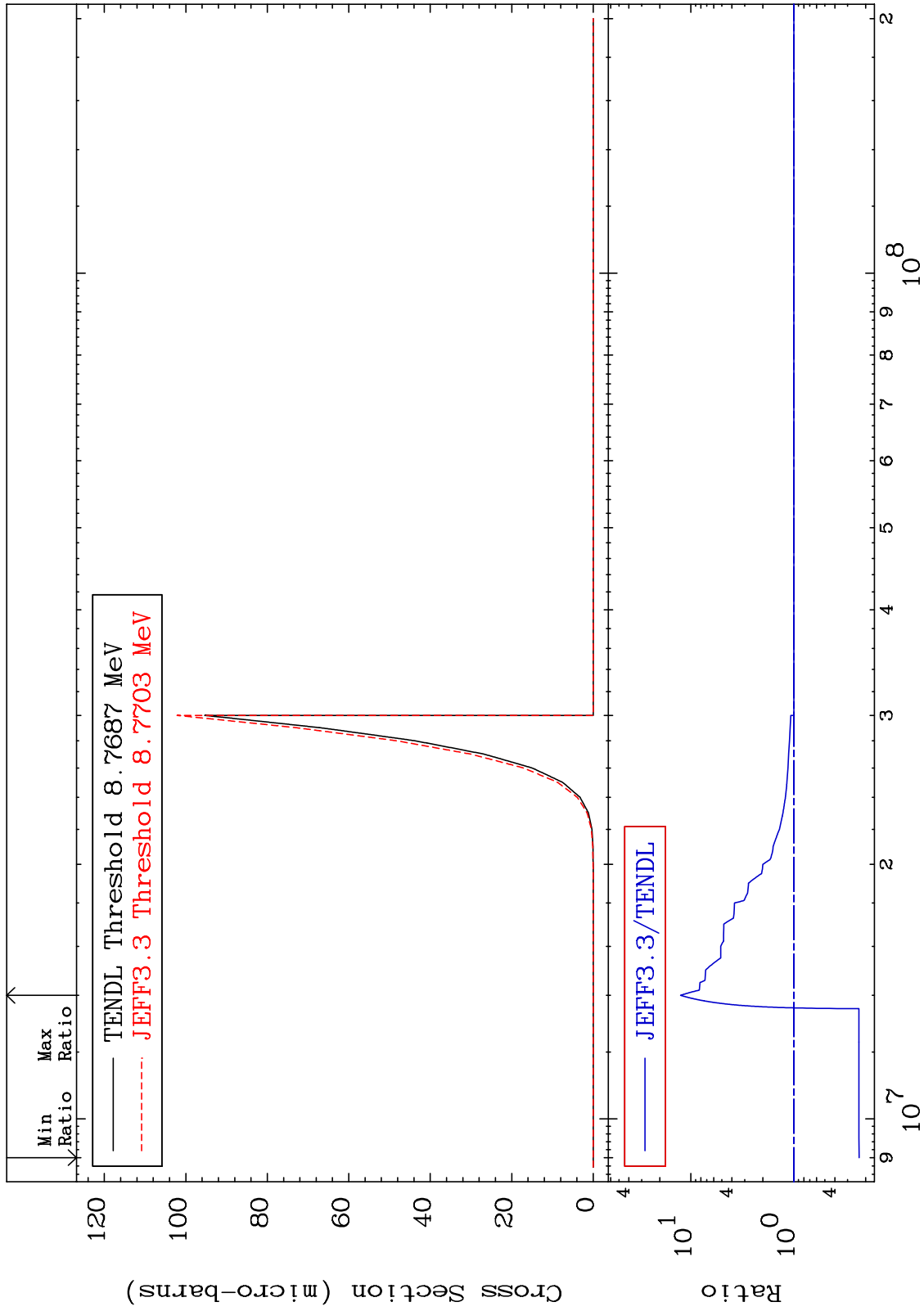
MAT 3831

(n,p)  $\alpha$

38-Sr-86

Cross Section

-76.81 To 1157. %



56

Incident Energy (eV)

38-Sr-86

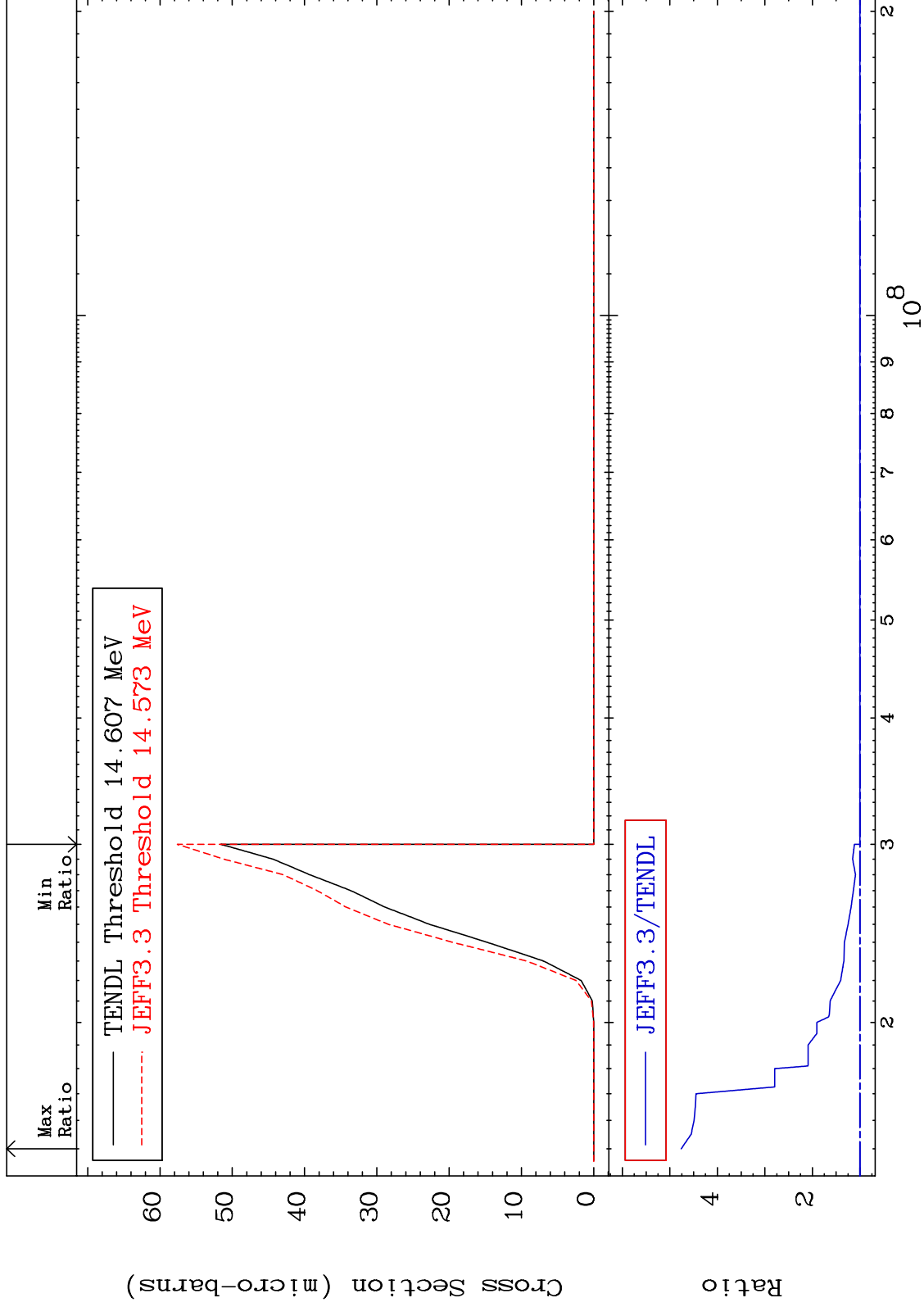
MAT 3831

(n,p) d

38-Sr-86

Cross Section

0.000 To 376.1 %



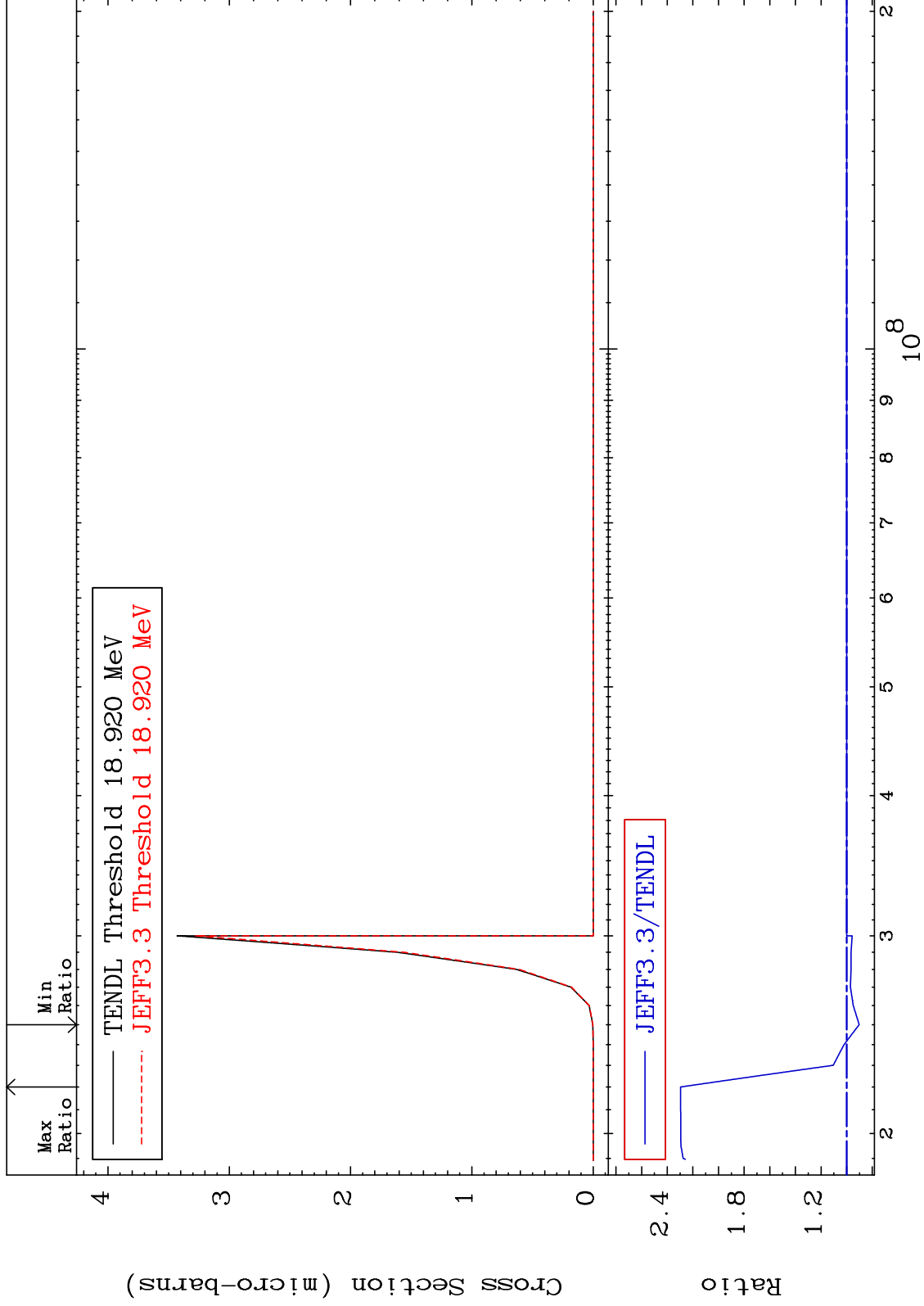
MAT 3831

(n,p) t

38-Sr-86

Cross Section

-9.749 To 129.6 %



58

Incident Energy (eV)

38-Sr-86

MAT 3831

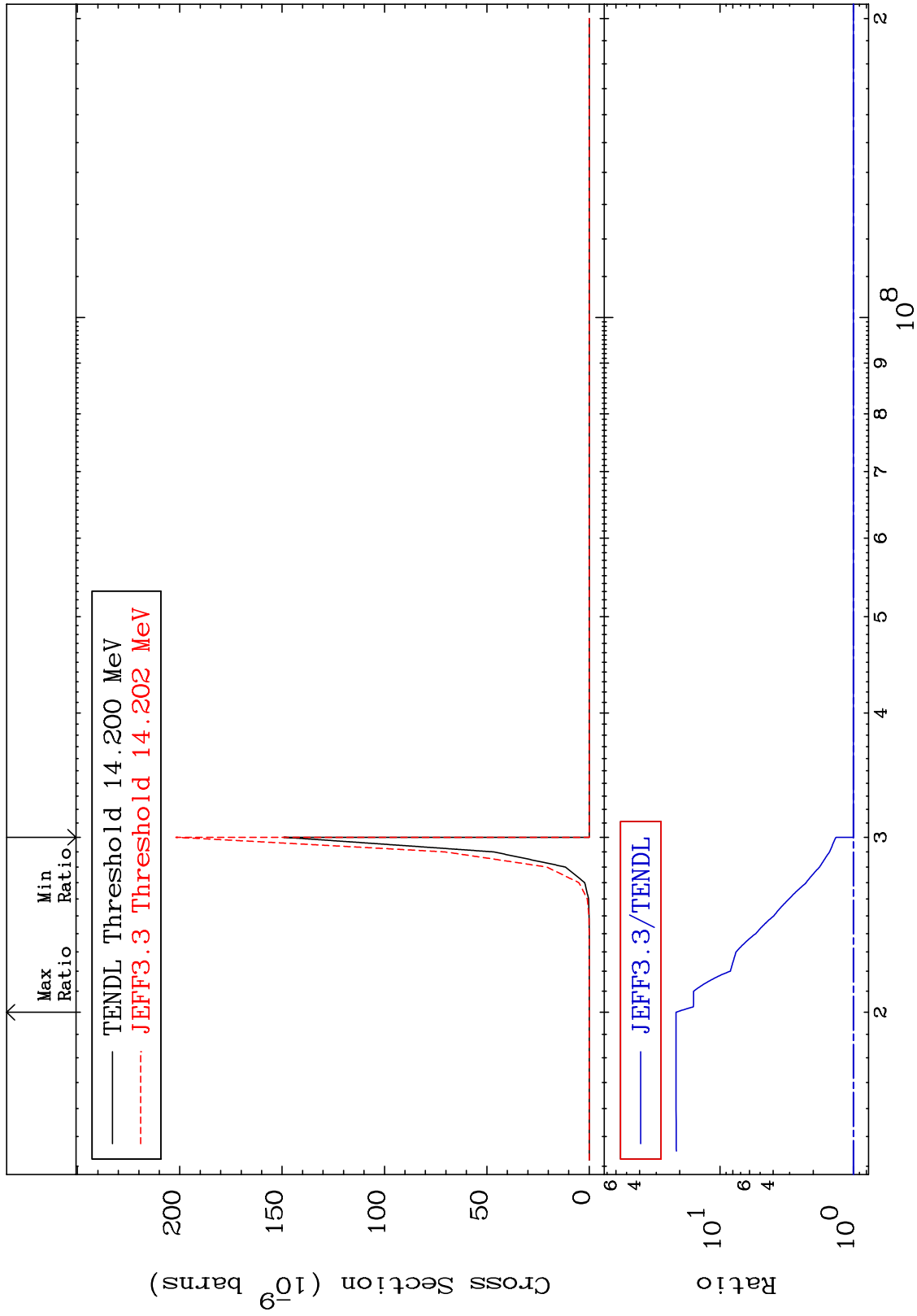
(n,d)  $\alpha$

38-Sr-86

Cross Section

0.000

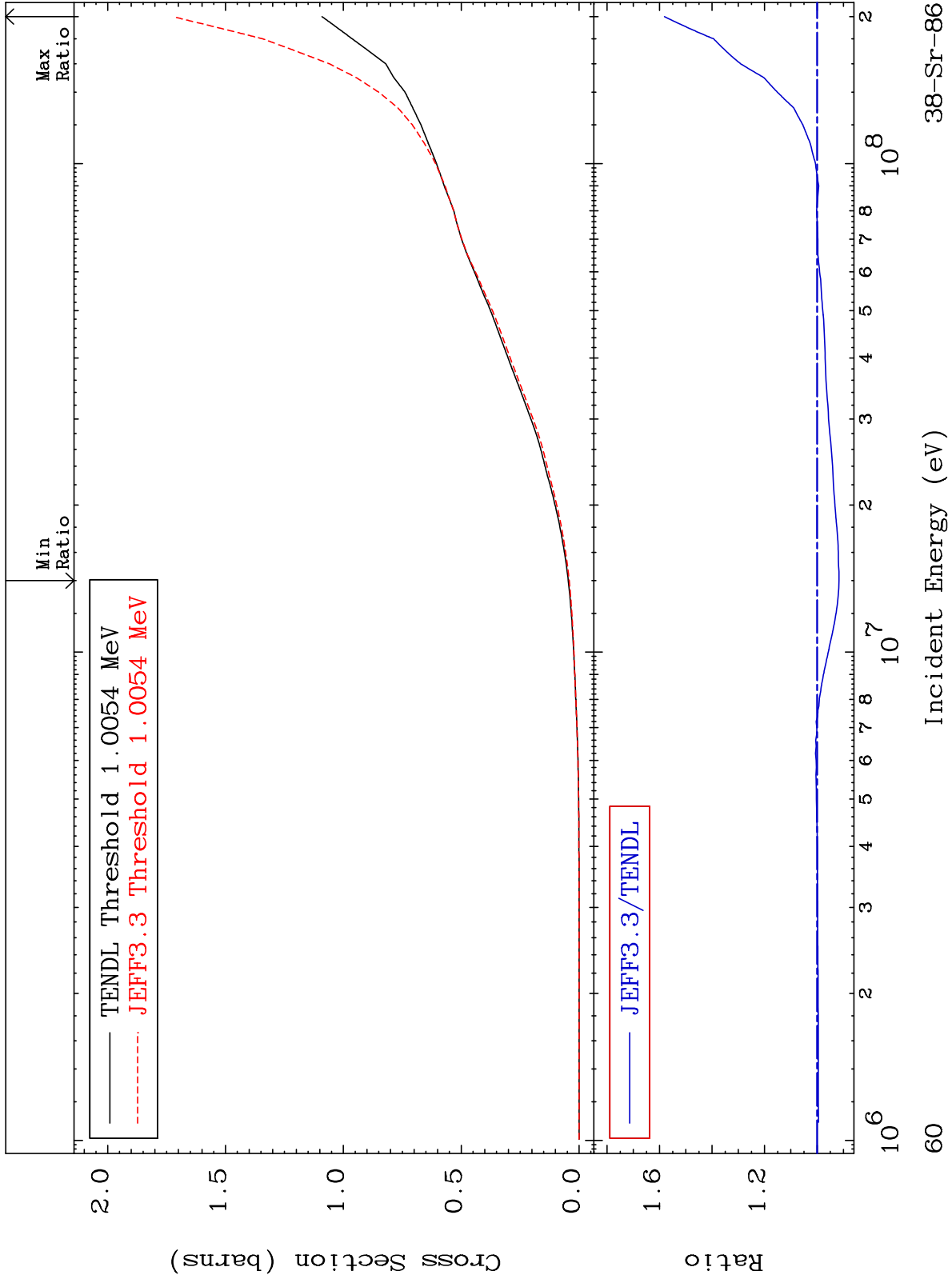
To 2031. %



MAT 3831

Hydrogen Production  
Cross Section

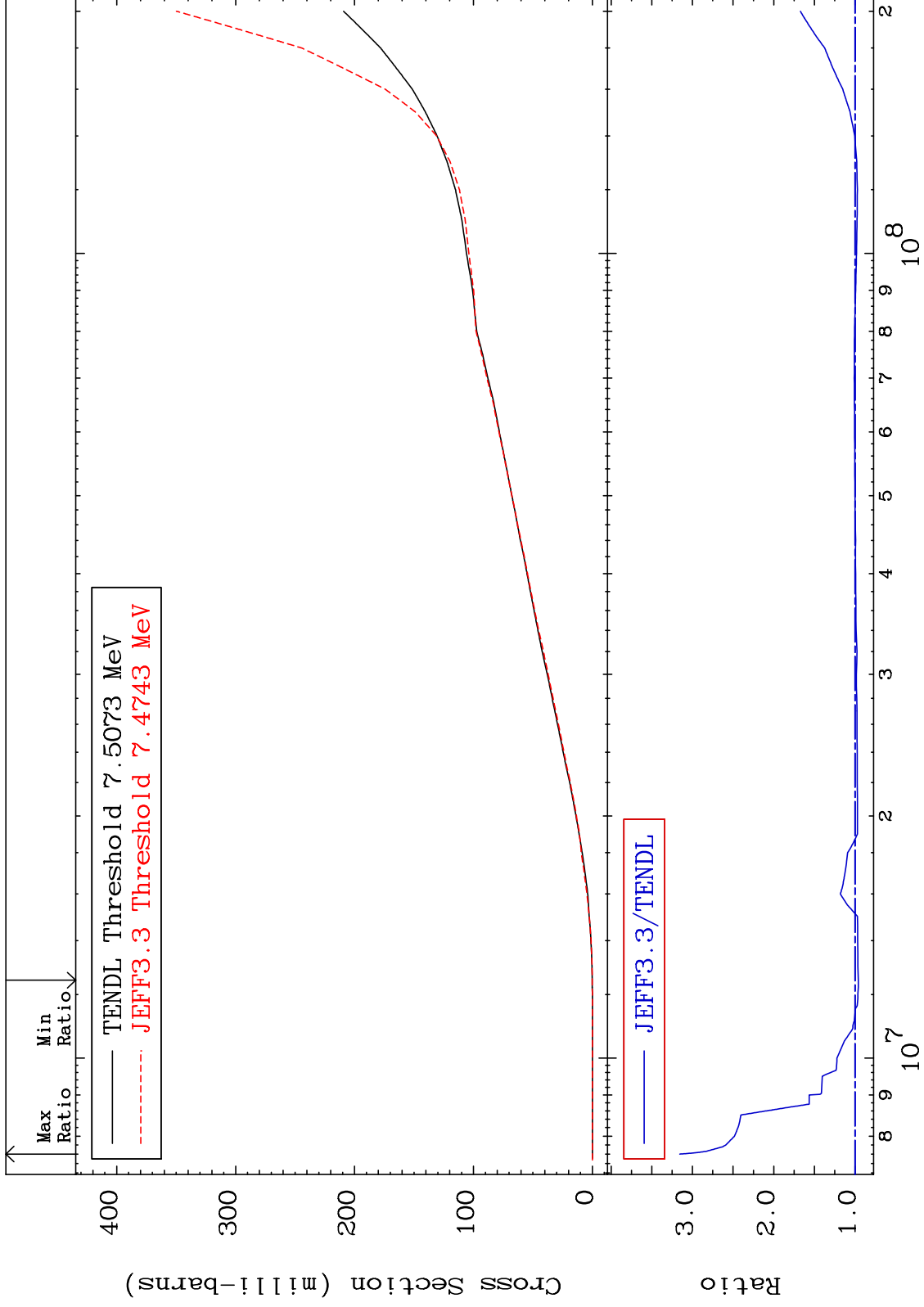
38-Sr-86  
-8.348 To 58.13 %



MAT 3831

Deuterium Production  
Cross Section

<sup>38</sup>Sr-86  
-4.130 To 215.6 %



61

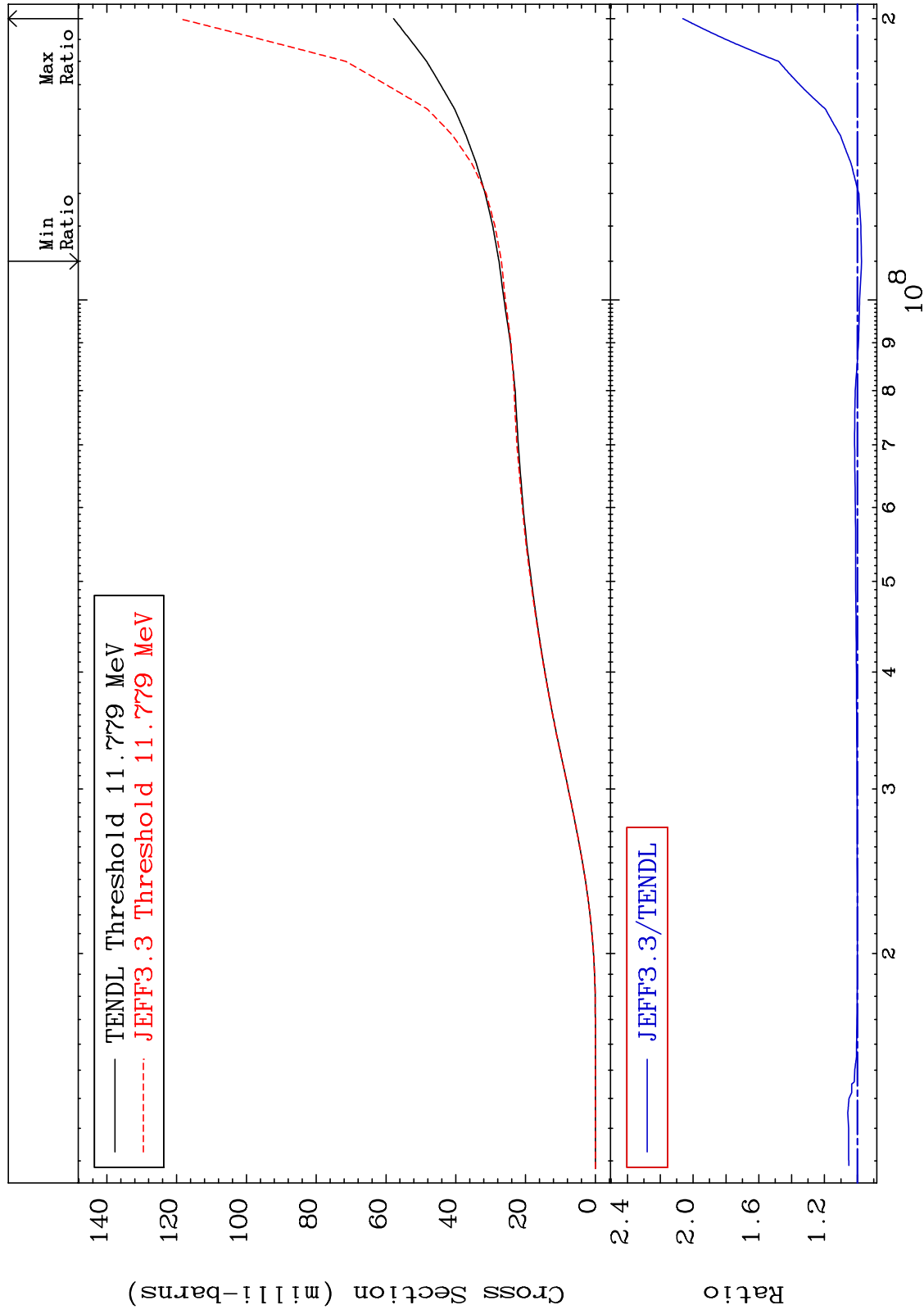
Incident Energy (eV)

<sup>38</sup>Sr-86

MAT 3831

Tritium Production  
Cross Section

38-Sr-86  
-2.594 To 106.3 %



62

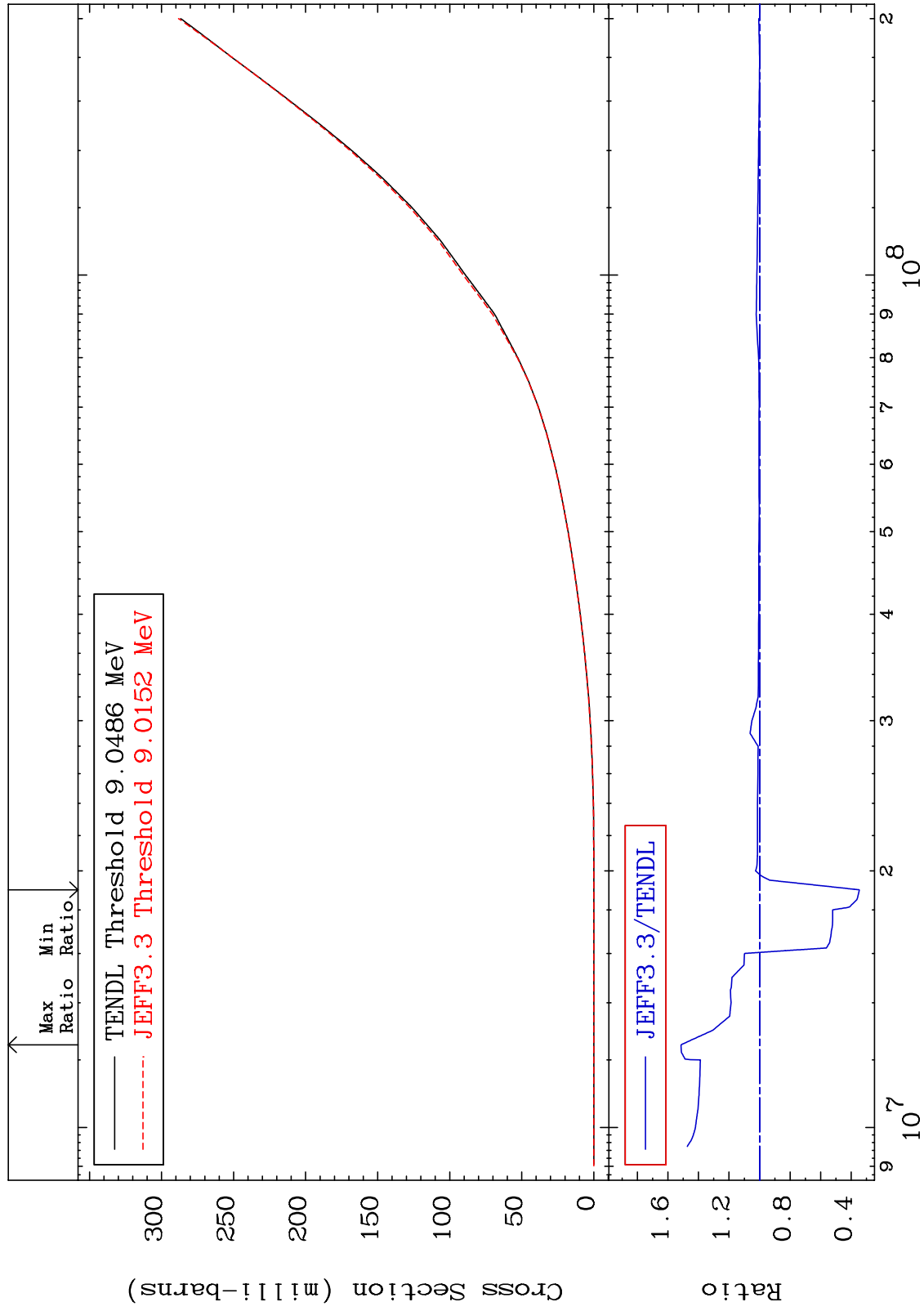
Incident Energy (eV)

38-Sr-86

MAT 3831

He-3 Production  
Cross Section

38-Sr-86  
-65.30 To 51.41 %



63

Incident Energy (eV)

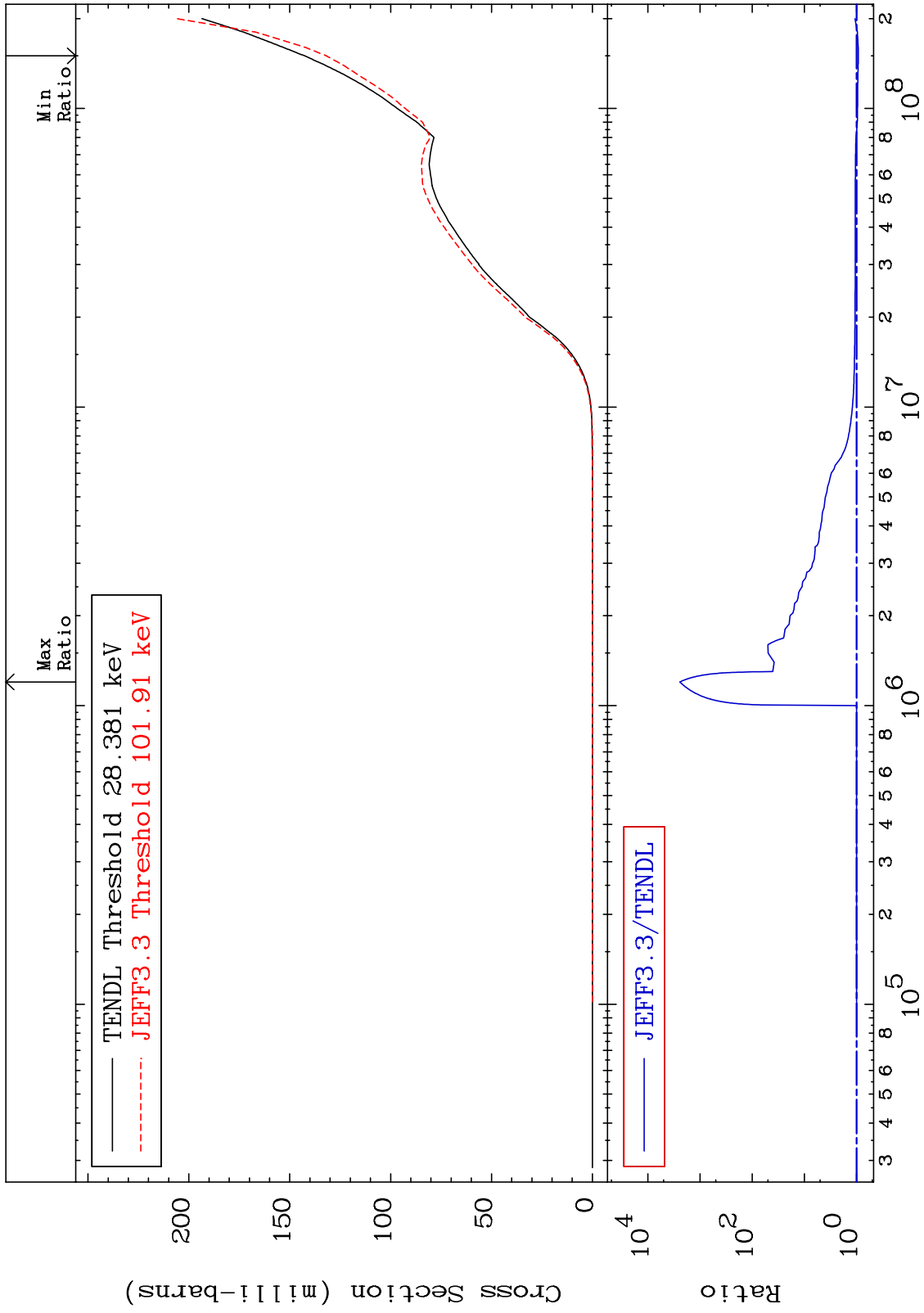
38-Sr-86



MAT 3831

He-4 Production  
Cross Section

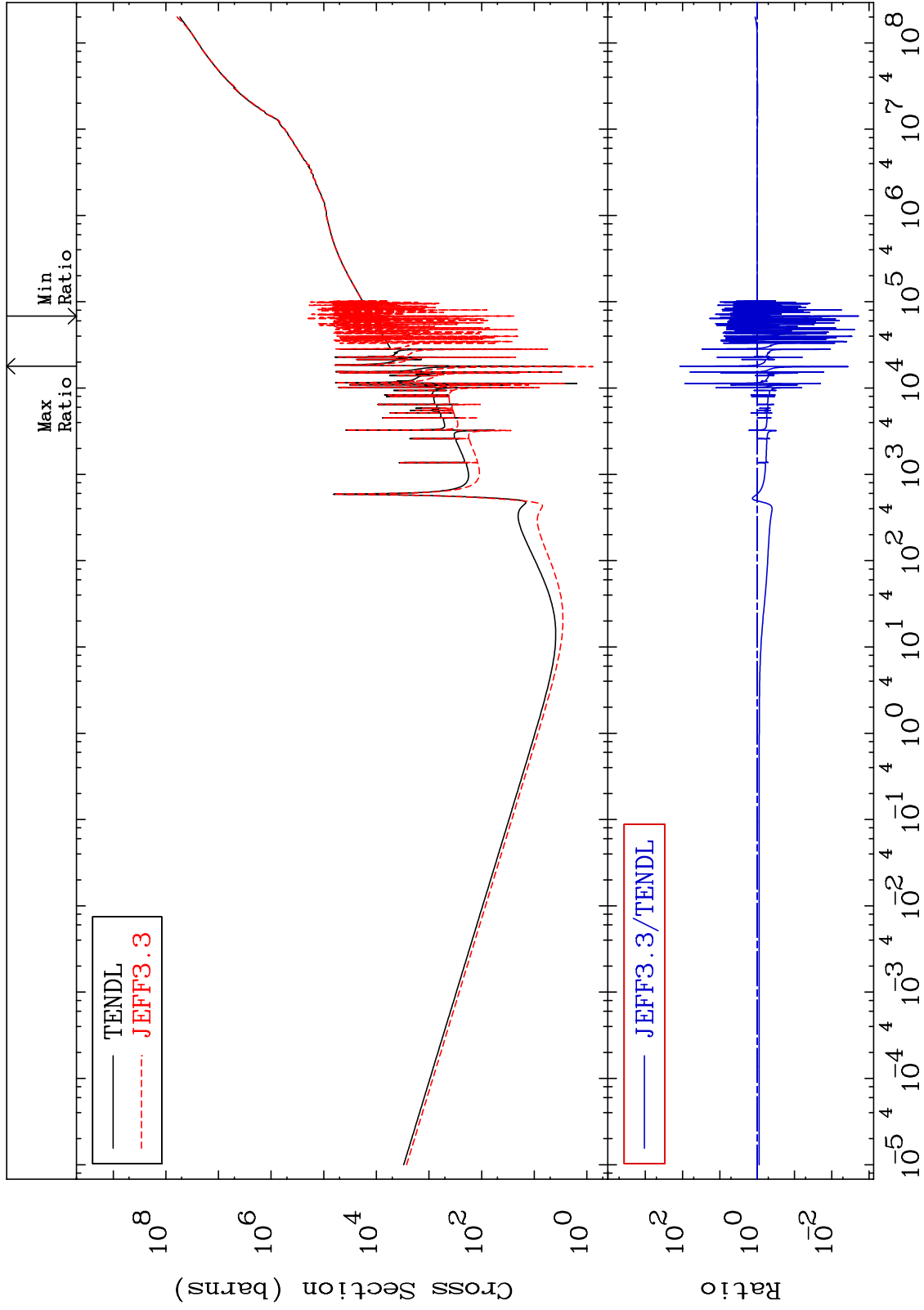
38-Sr-86  
-7.548 To 9999. %



MAT 3831

Kerma total (eV-barns)  
Cross Section

38-Sr-86  
-99.81 To 9999. %



65

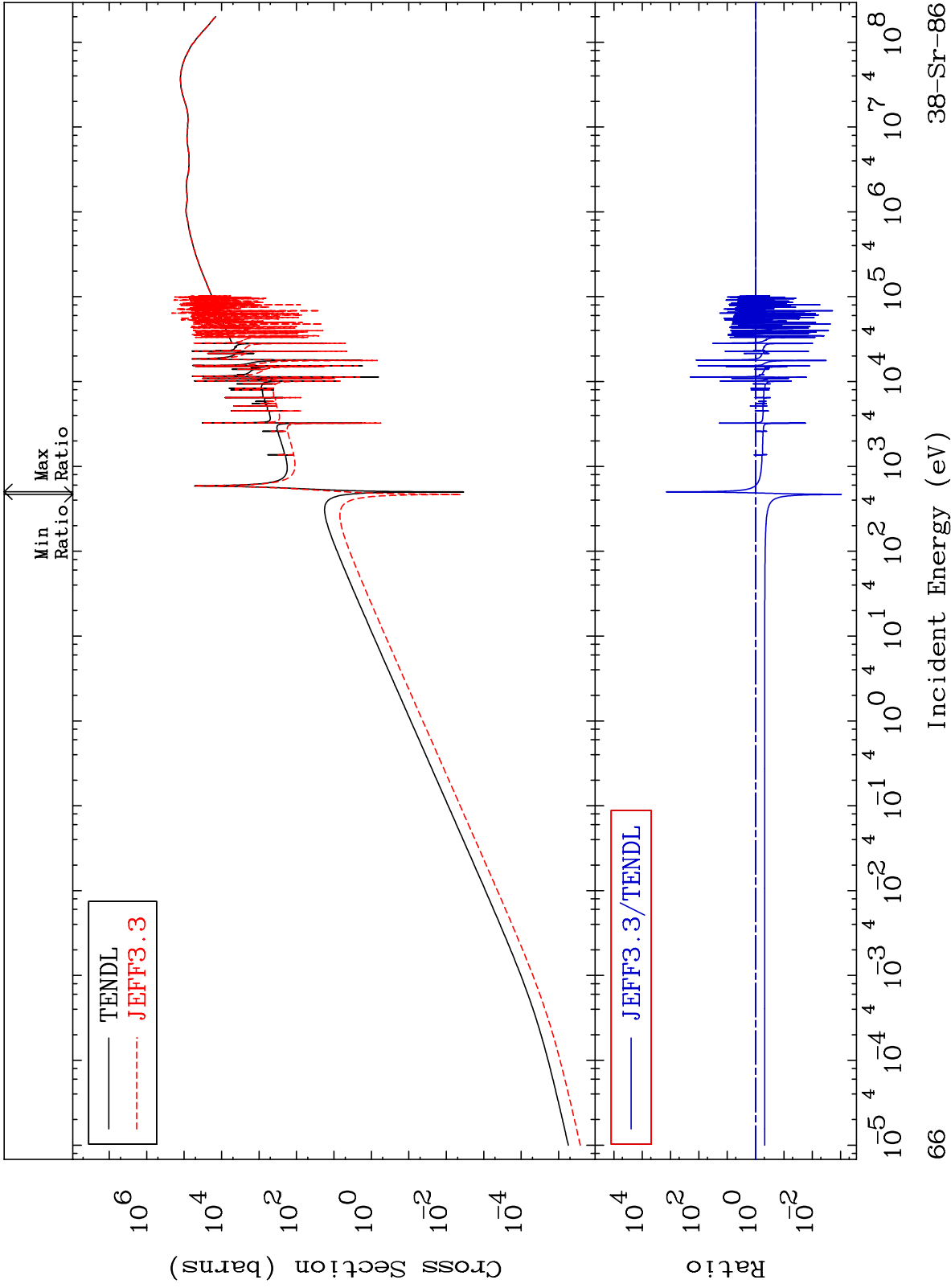
Incident Energy (eV)

38-Sr-86

MAT 3831

Kerma elastic  
Cross Section

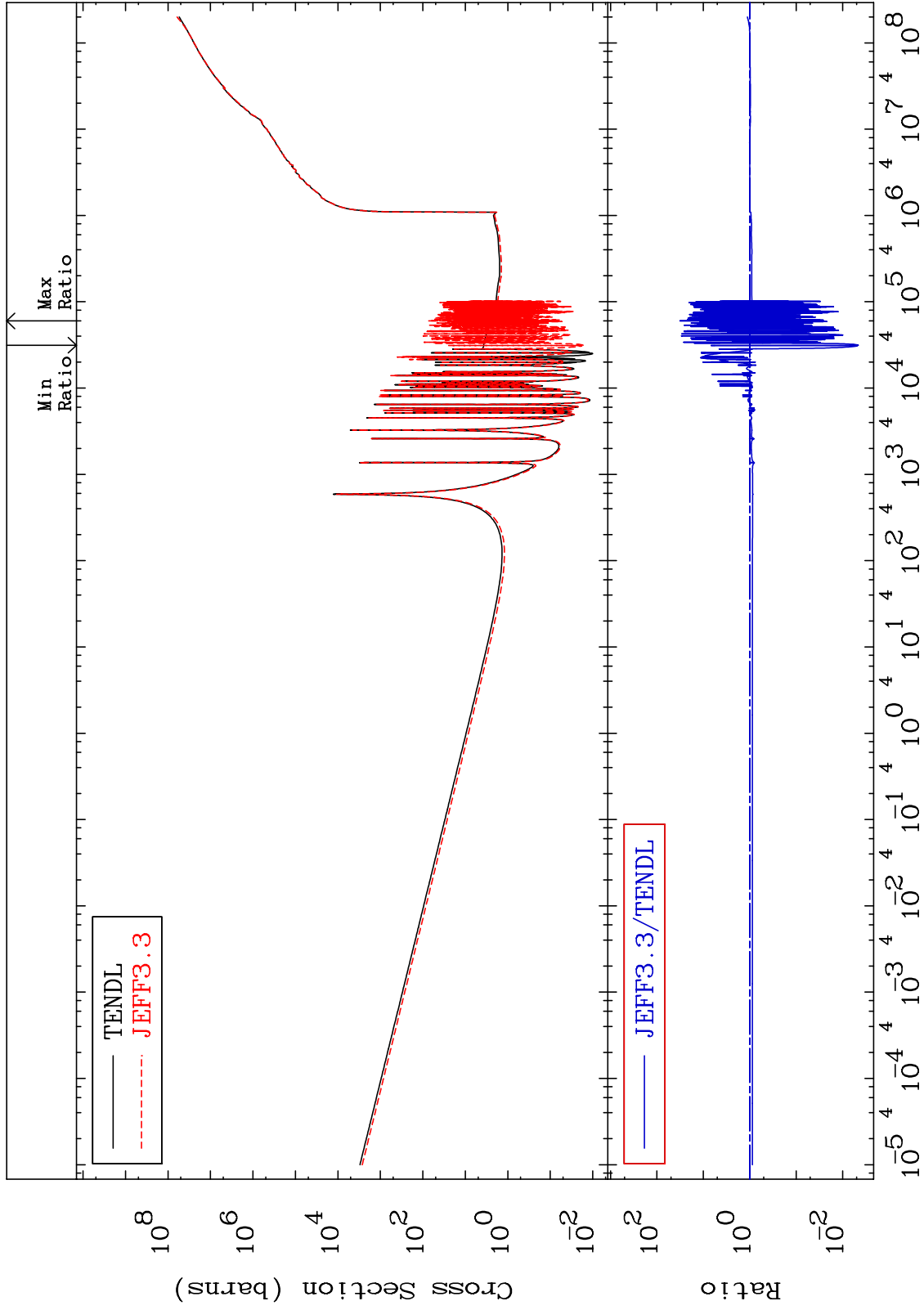
38-Sr-86  
-99.91 To 9999. %



MAT 3831

Kerma non-elastic (all but mt2)  
Cross Section

38-Sr-86  
-99.54 To 3084. %



67

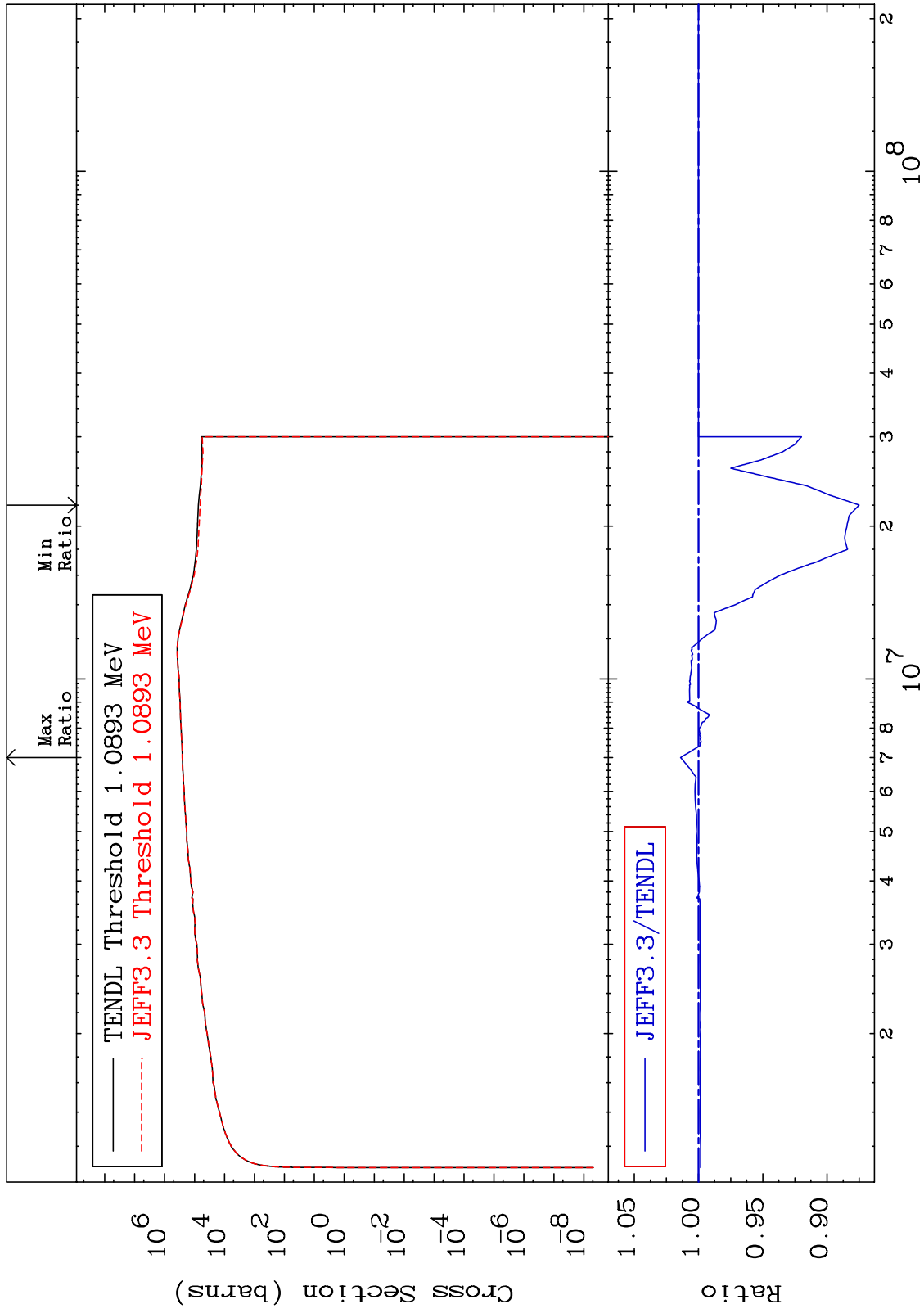
Incident Energy (eV)

38-Sr-86

MAT 3831

Kerma inelastic (mt51-91)  
Cross Section

38-Sr-86  
-12.50 To 1.396 %



68

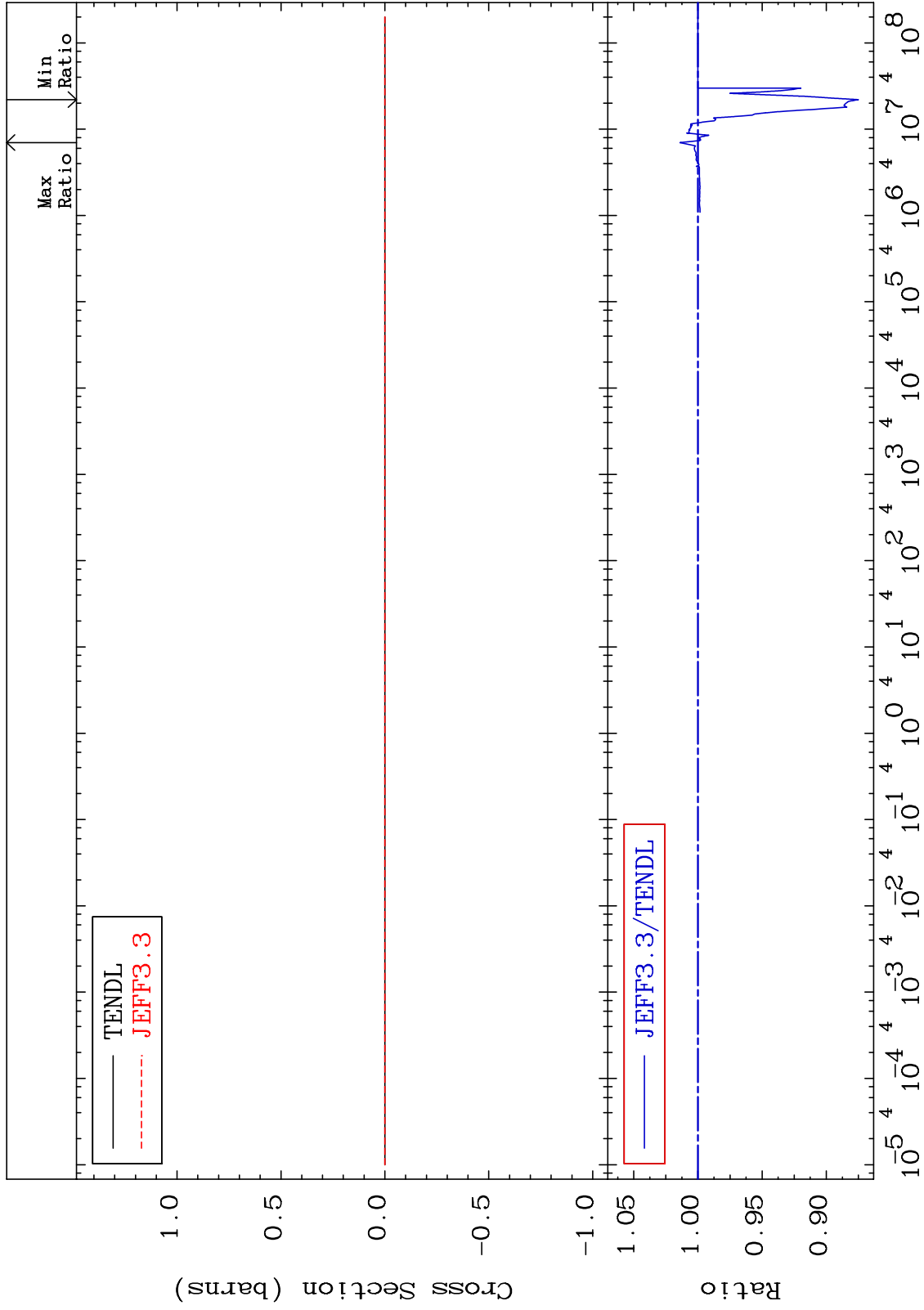
Incident Energy (eV)

38-Sr-86

MAT 3831

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

38-Sr-86  
-12.50 To 1.396 %



69

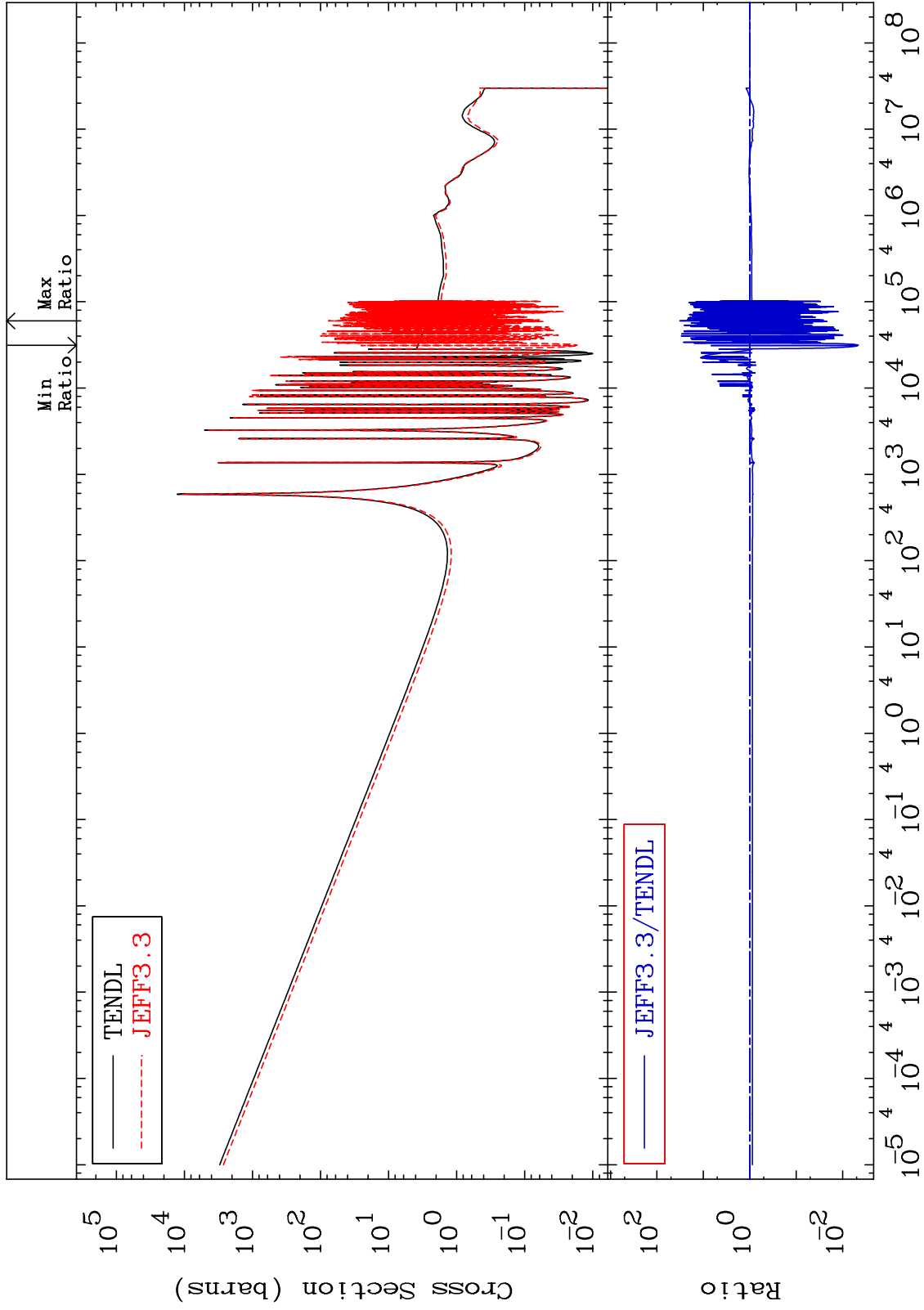
Incident Energy (eV)

38-Sr-86

MAT 3831

Kerma capture (mt102)  
Cross Section

38-Sr-86  
-99.54 To 3084. %



70

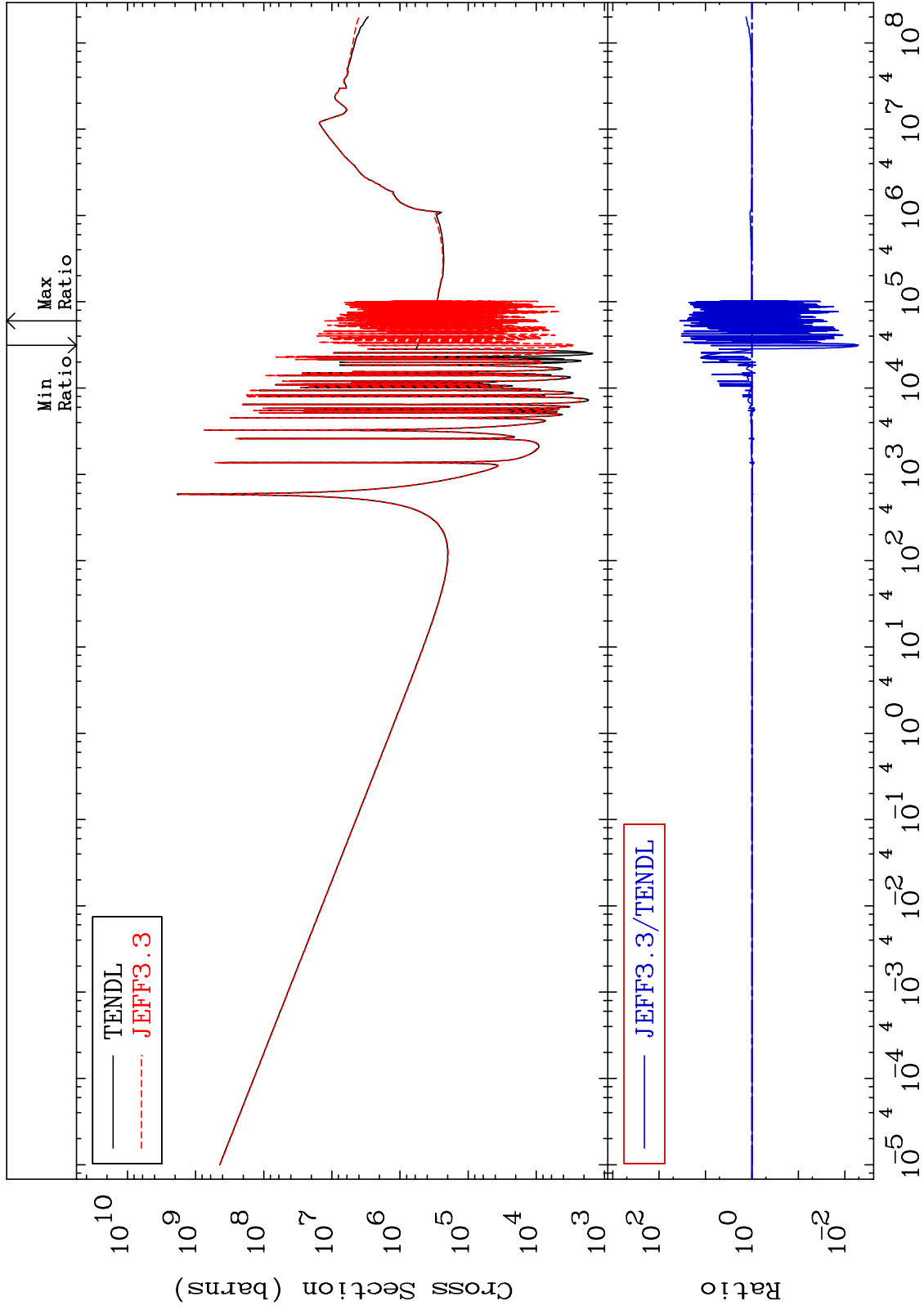
Incident Energy (eV)

38-Sr-86

MAT 3831

Total photon (eV-barns)  
Cross Section

38-Sr-86  
-99.49 To 3445. %



71

Incident Energy (eV)

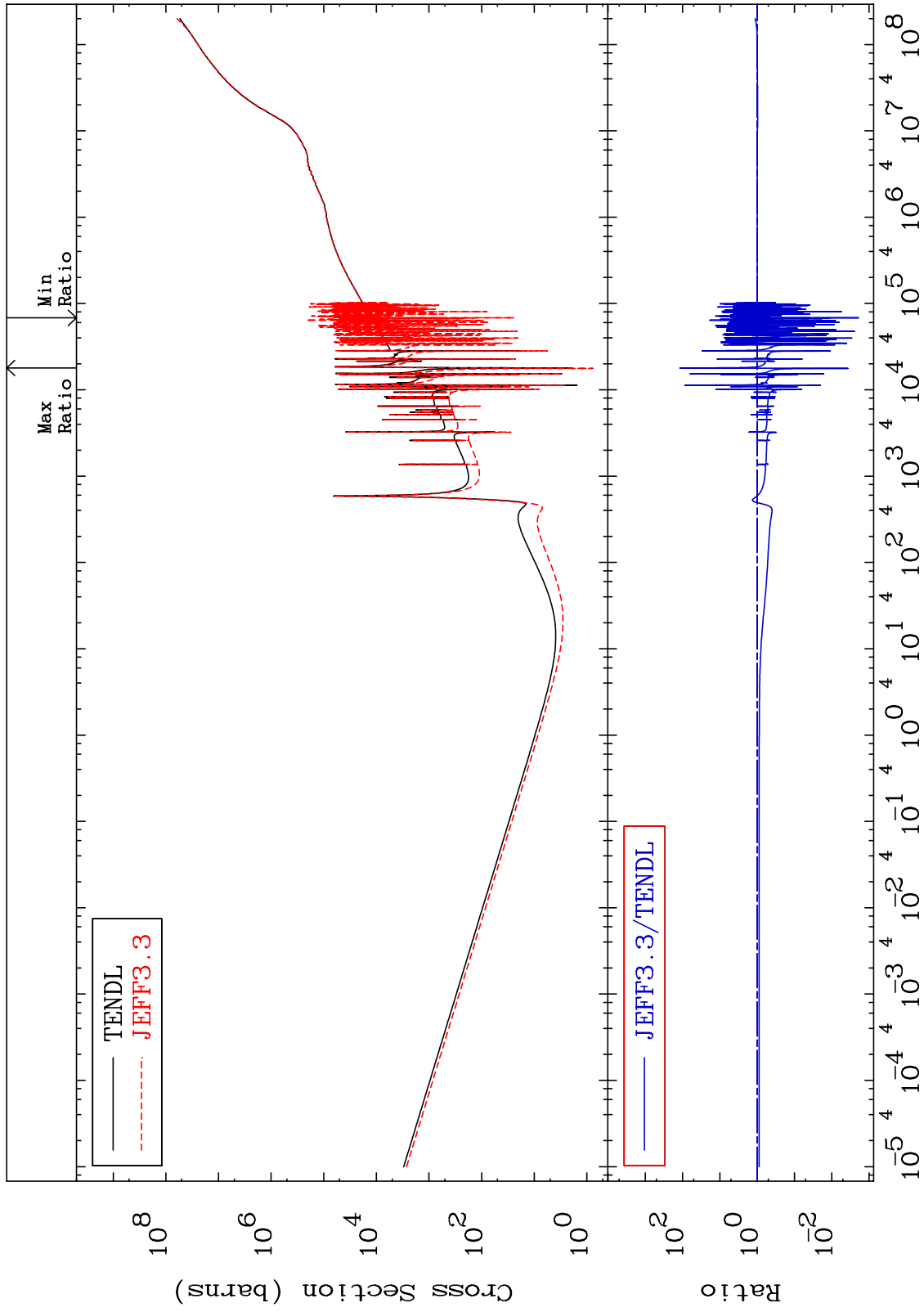
38-Sr-86



MAT 3831

Total kinematic kerma (high limit)  
Cross Section

38-Sr-86  
-99.81 To 9999. %



72

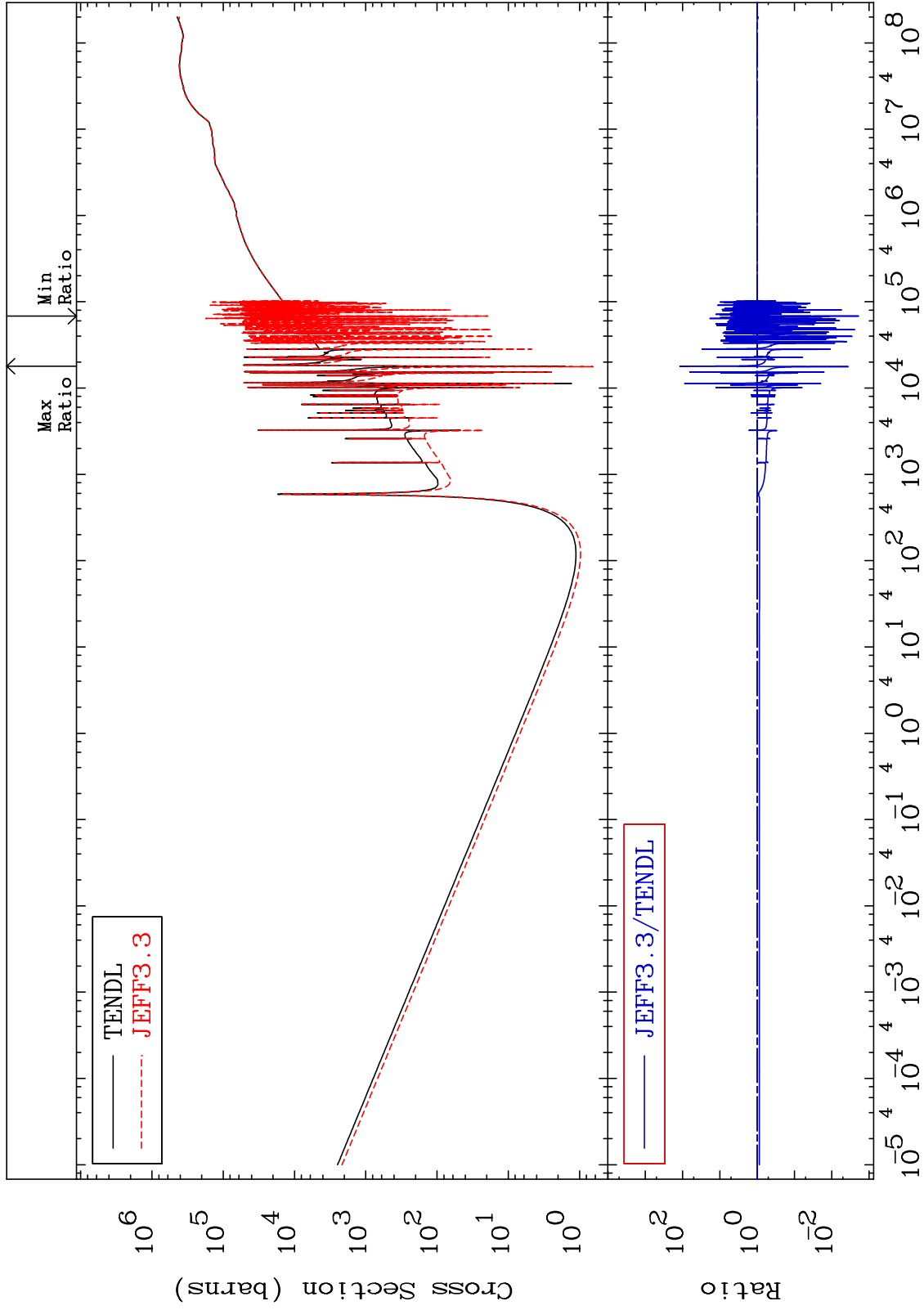
Incident Energy (eV)

38-Sr-86

MAT 3831

Dpa total (eV-barns)  
Cross Section

38-Sr-86  
-99.81 To 9999. %



73

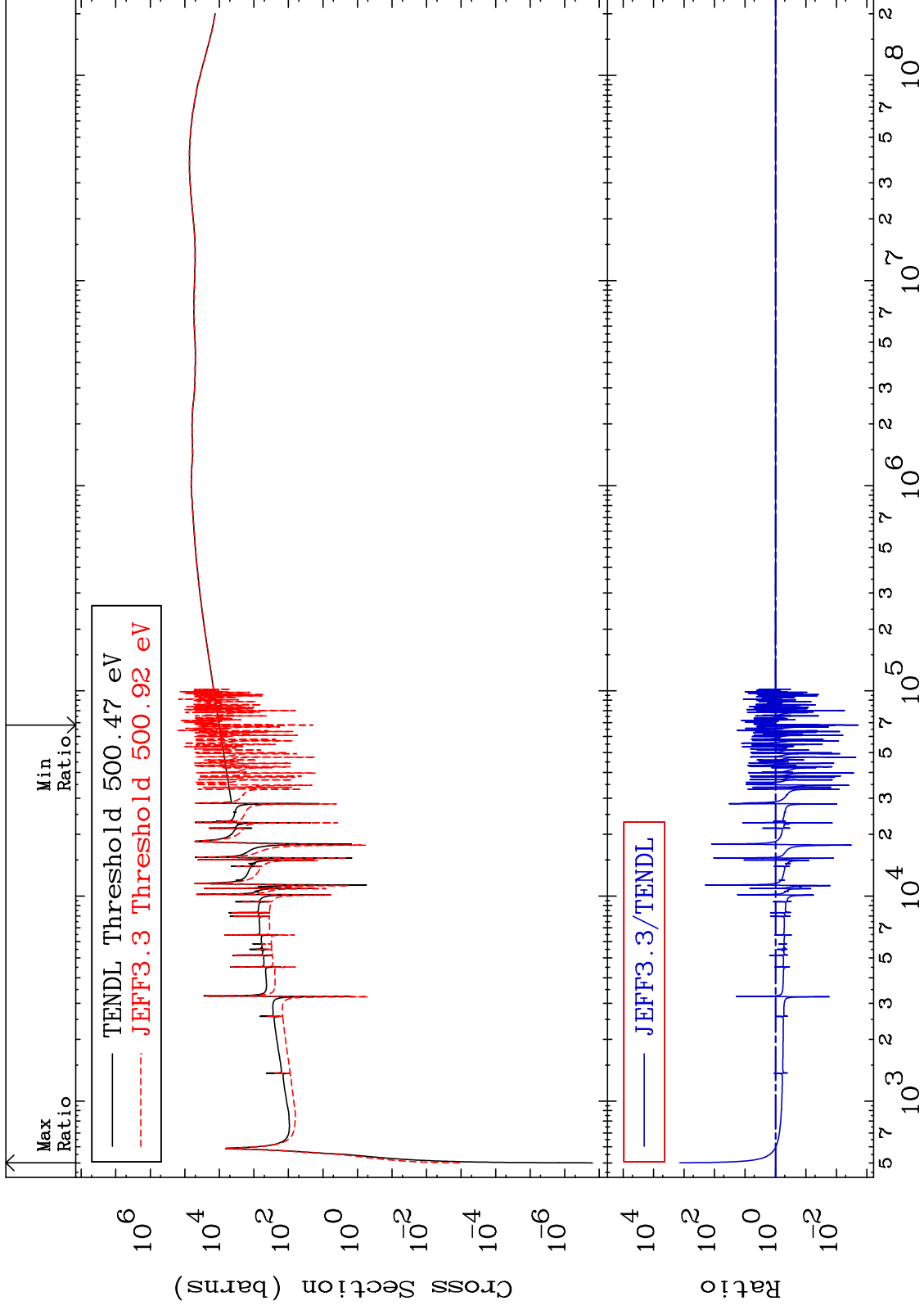
Incident Energy (eV)

38-Sr-86

MAT 3831

Dpa elastic (mt2)  
Cross Section

38-Sr-86  
-99.81 To 9999. %



74

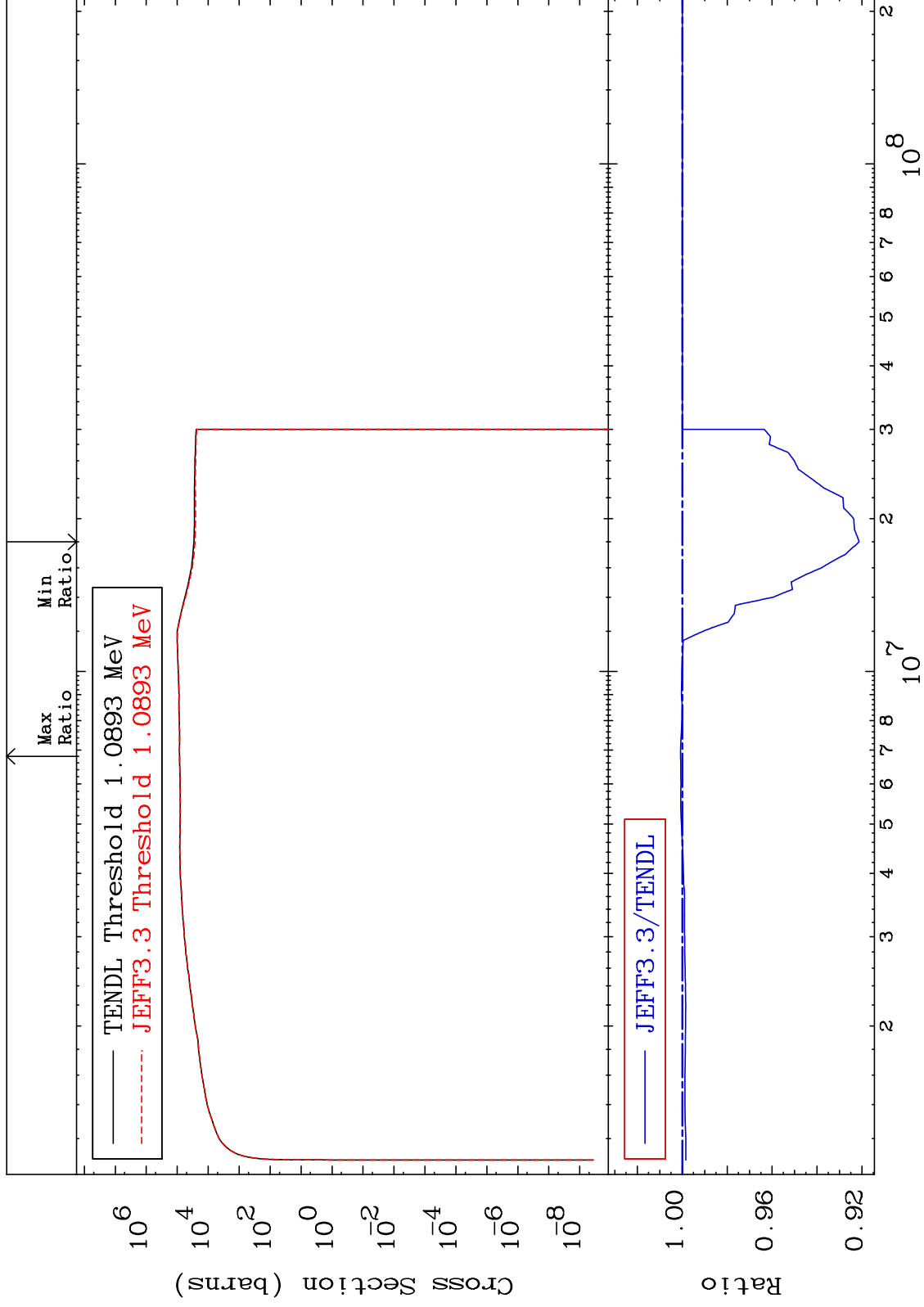
Incident Energy (eV)

38-Sr-86

MAT 3831

Dpa inelastic (mt51-91)  
Cross Section

38-Sr-86  
-7.874 To 0.071 %



75

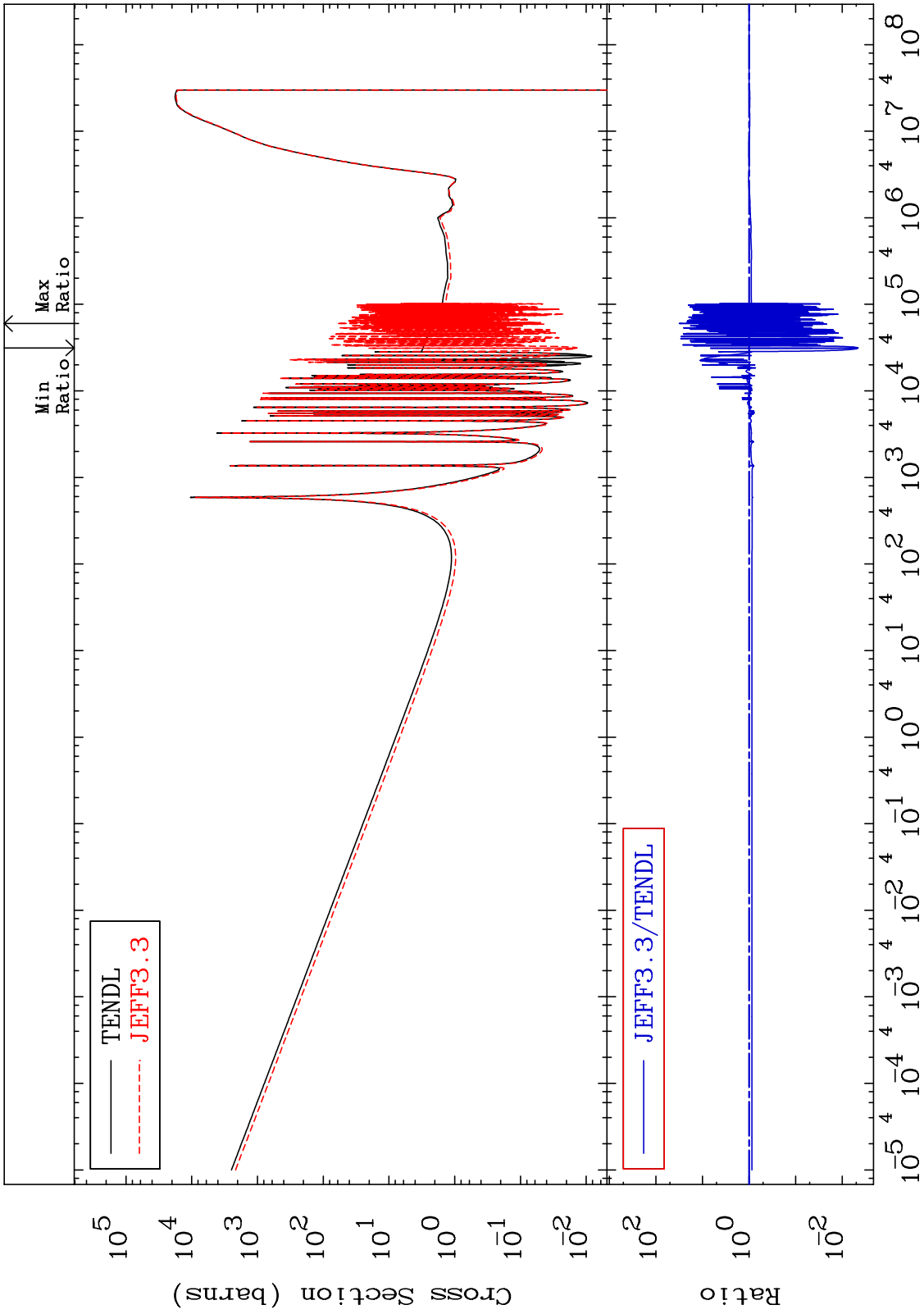
Incident Energy (eV)

38-Sr-86

MAT 3831

Dpa disappearance (mt102 -120)  
Cross Section

38-Sr-86  
-99.55 To 3037. %



76

Incident Energy (eV)

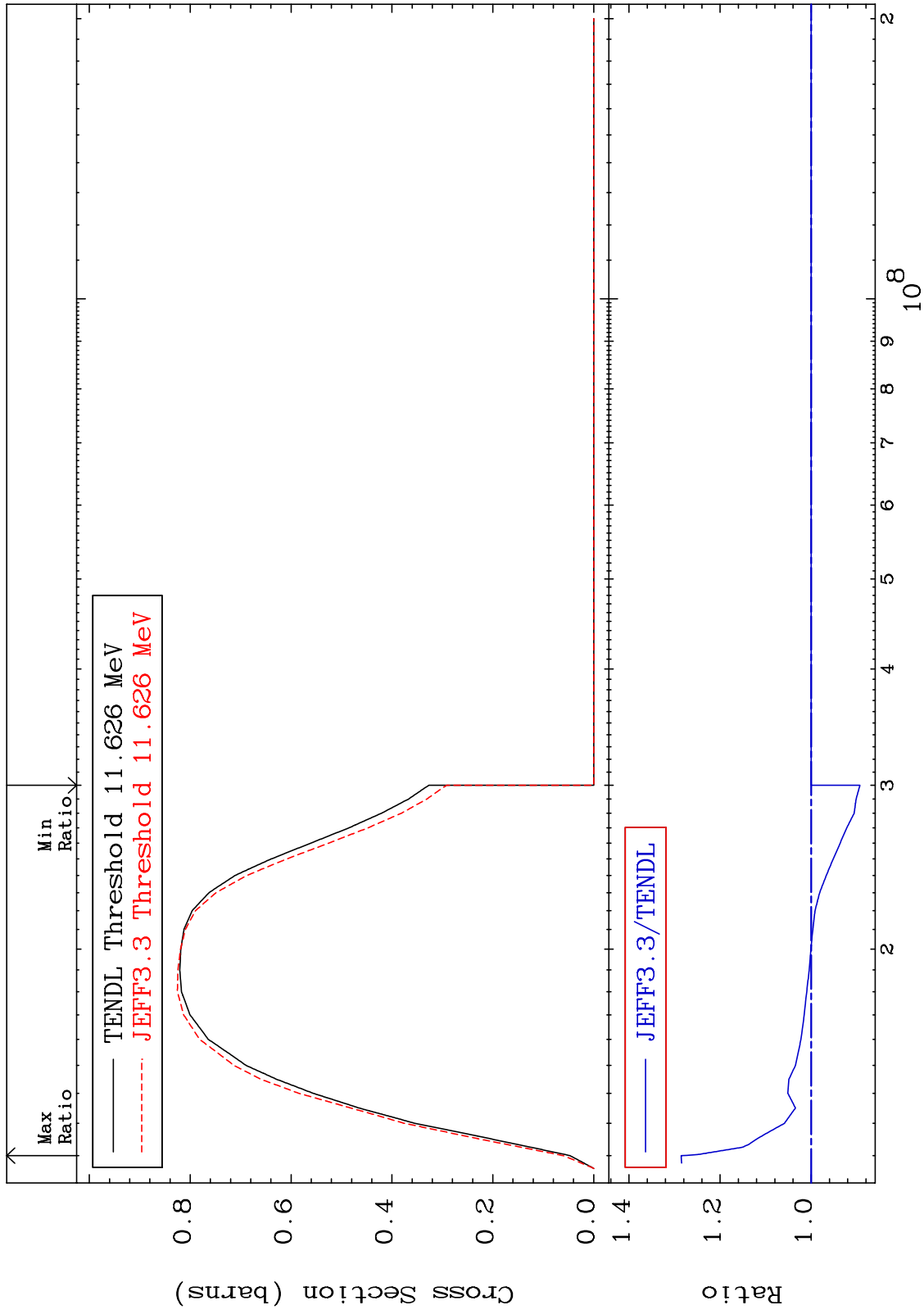
38-Sr-86

MAT 3831

(n,2n):38-Sr-85g

38-Sr-86

Radionuclide Production Cross Section -10.68 To 28.54 %

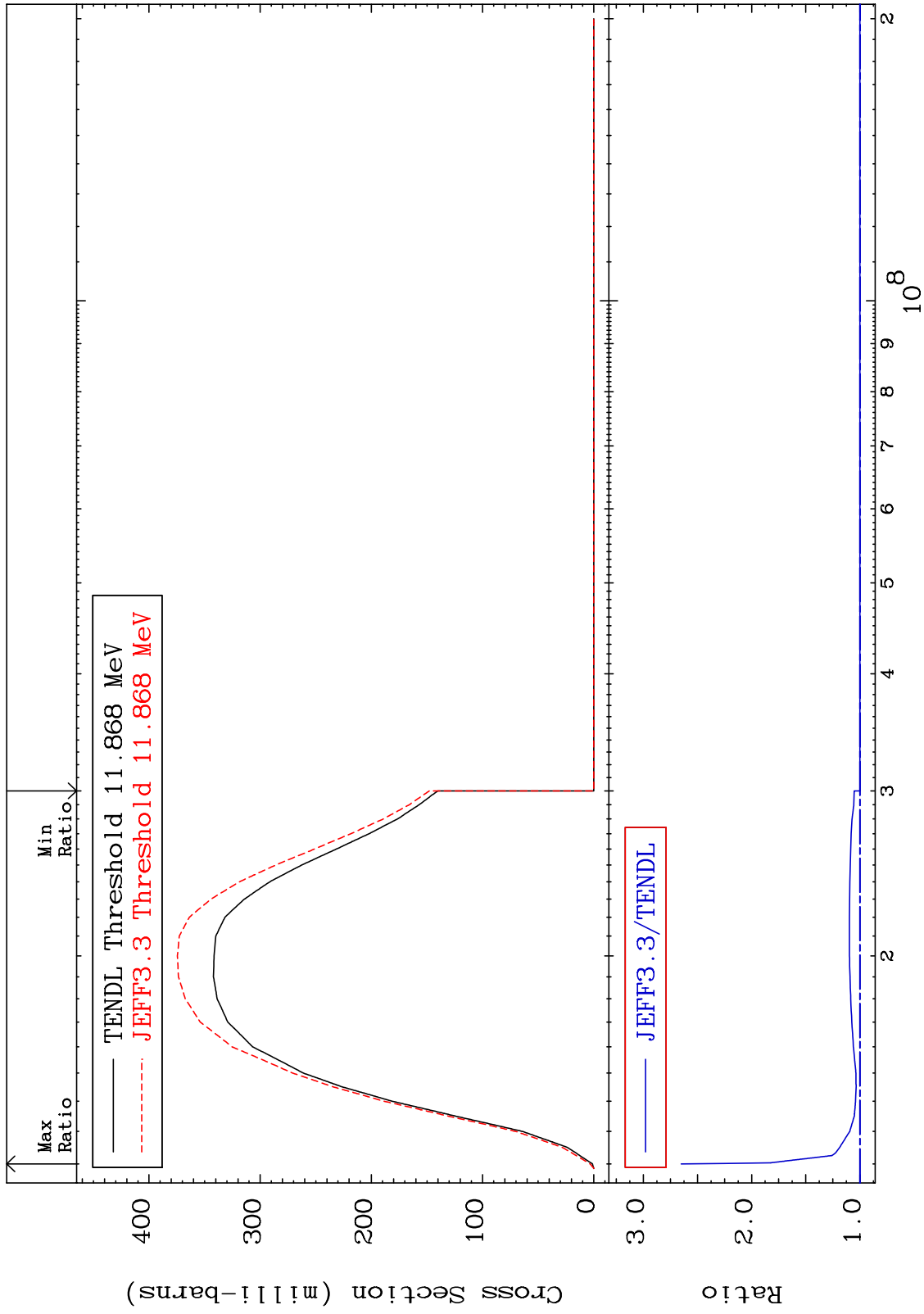


MAT 3831

(n,2n):38-Sr-85m2

38-Sr-86

Radionuclide Production Cross Section 0.000 To 165.0 %



78

Incident Energy (eV)

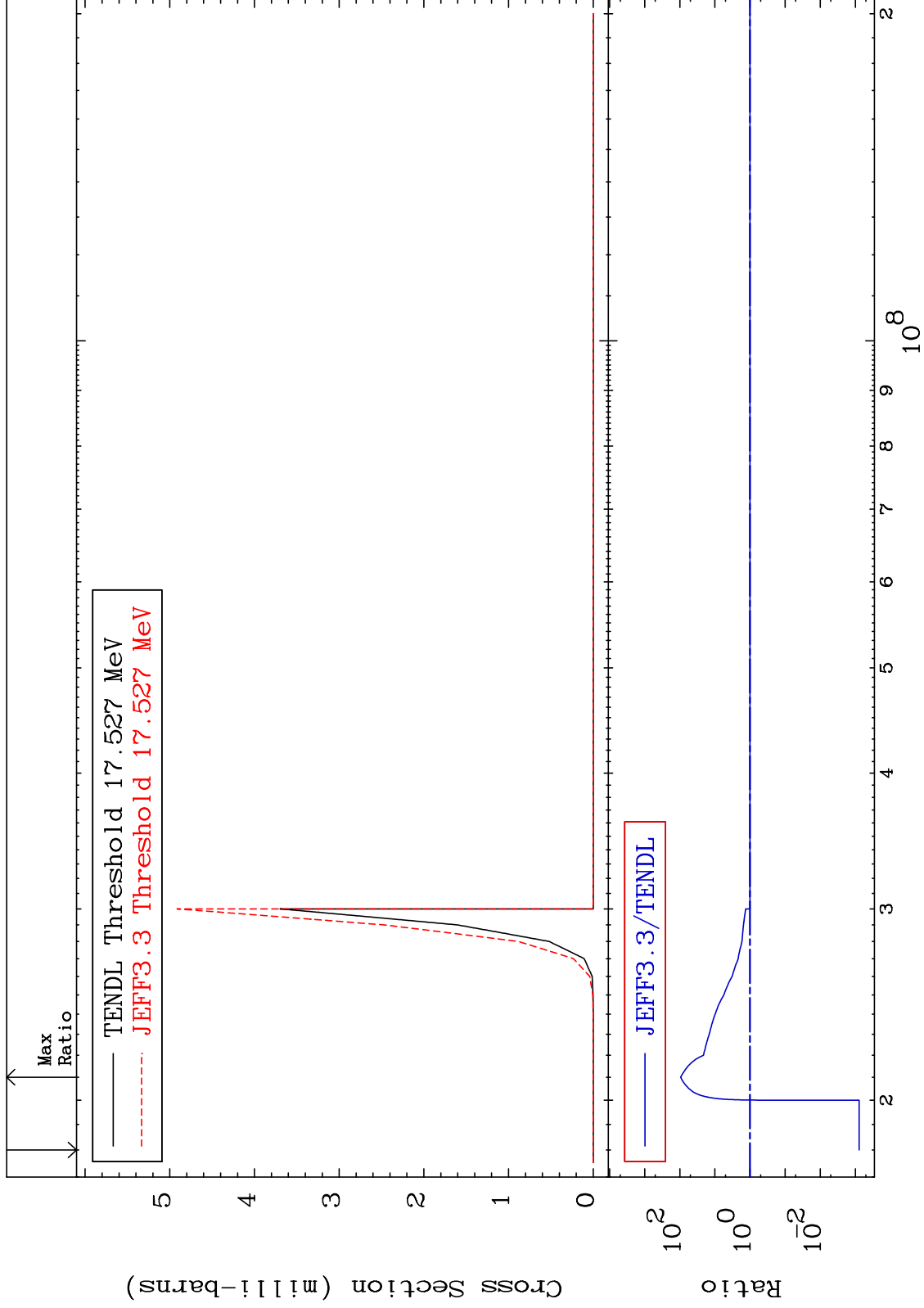
38-Sr-86

MAT 3831

(n,2n)  $\alpha$ :36-Kr-81g

38-Sr-86

Radionuclide Production Cross Section -99.92 To 9396. %



79

Incident Energy (eV)

38-Sr-86

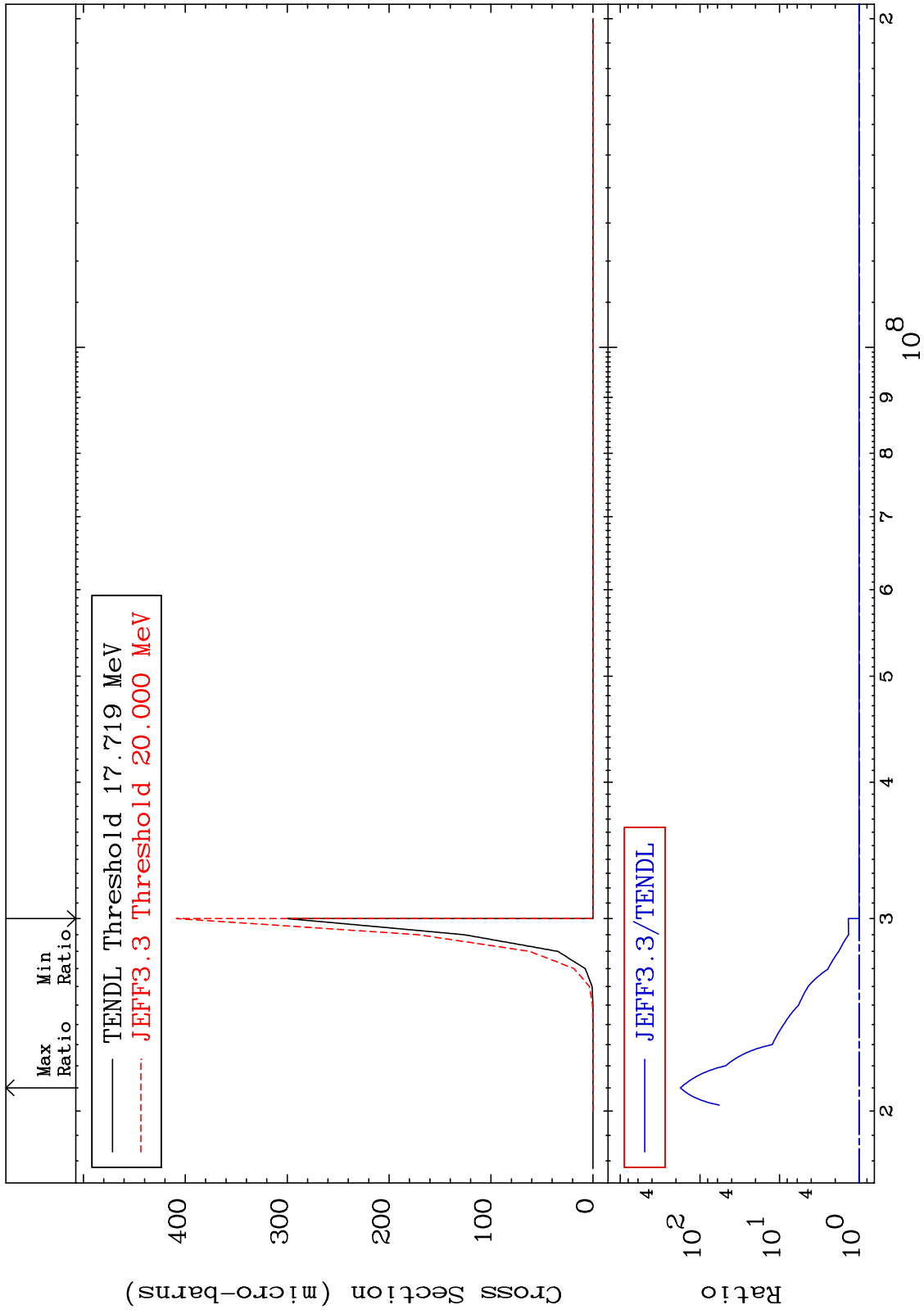


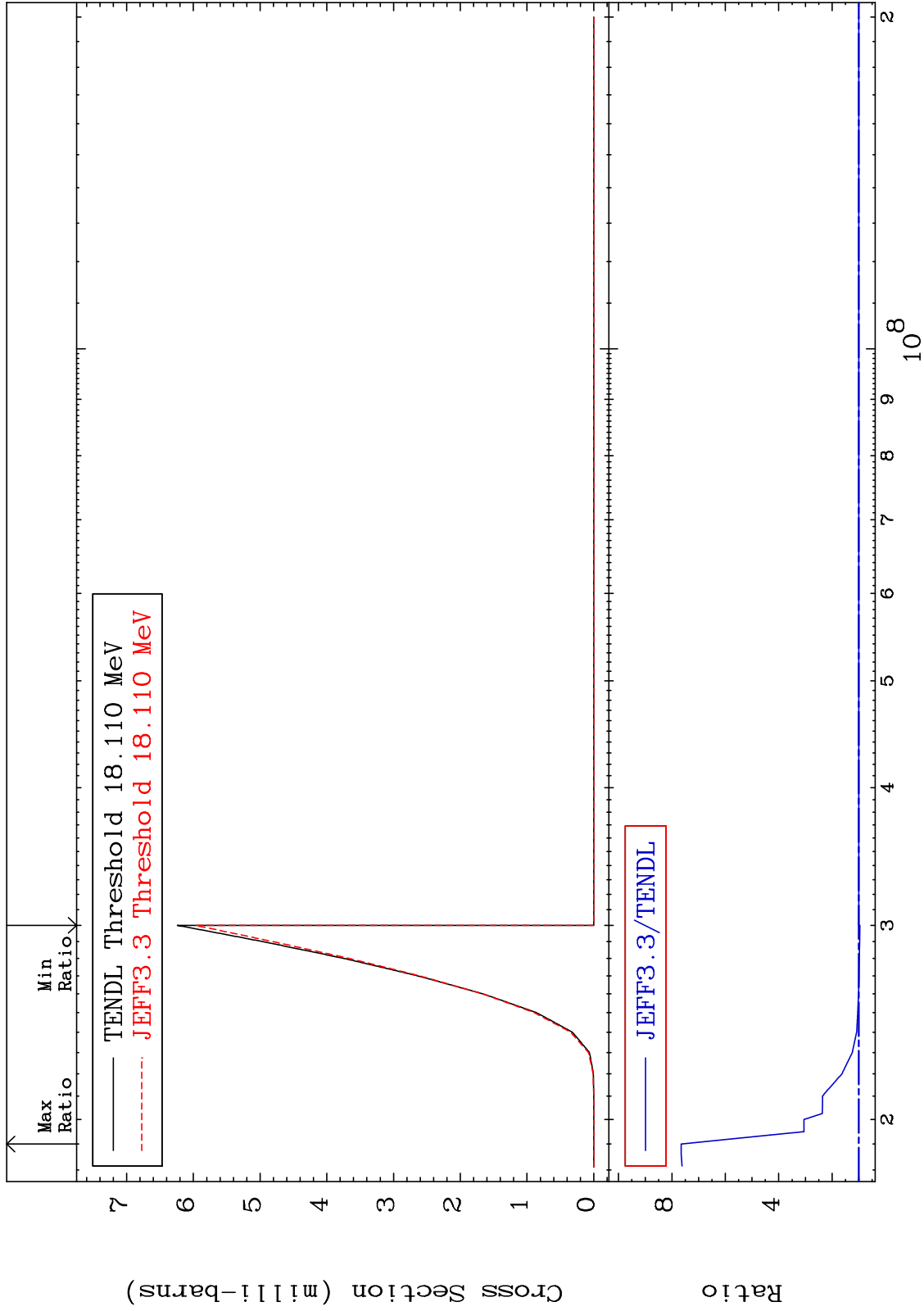
MAT 3831

(n,2n)  $\alpha$ :36-Kr-81m2

38-Sr-86

Radionuclide Production Cross Section 0.000 To 9999. %



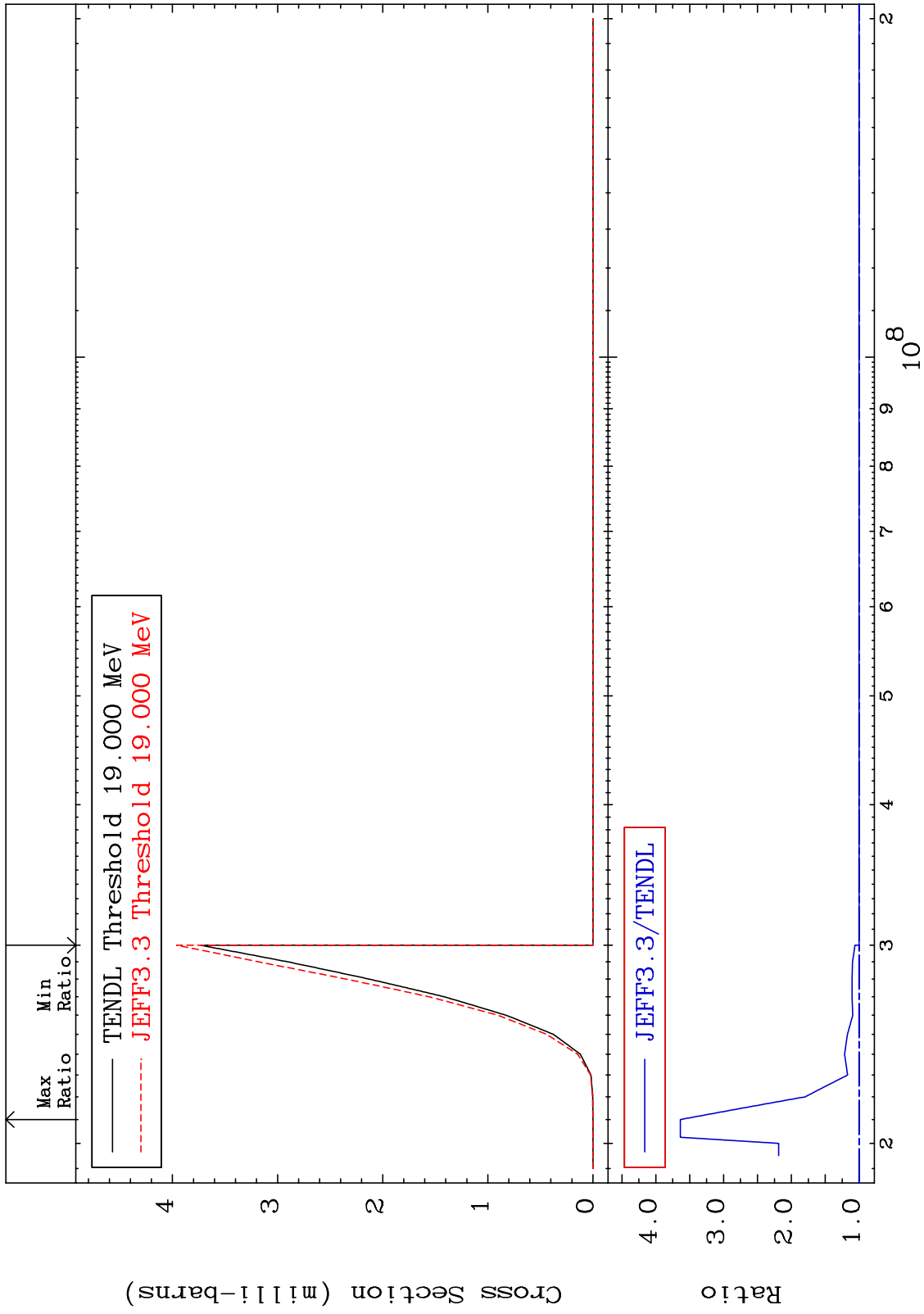


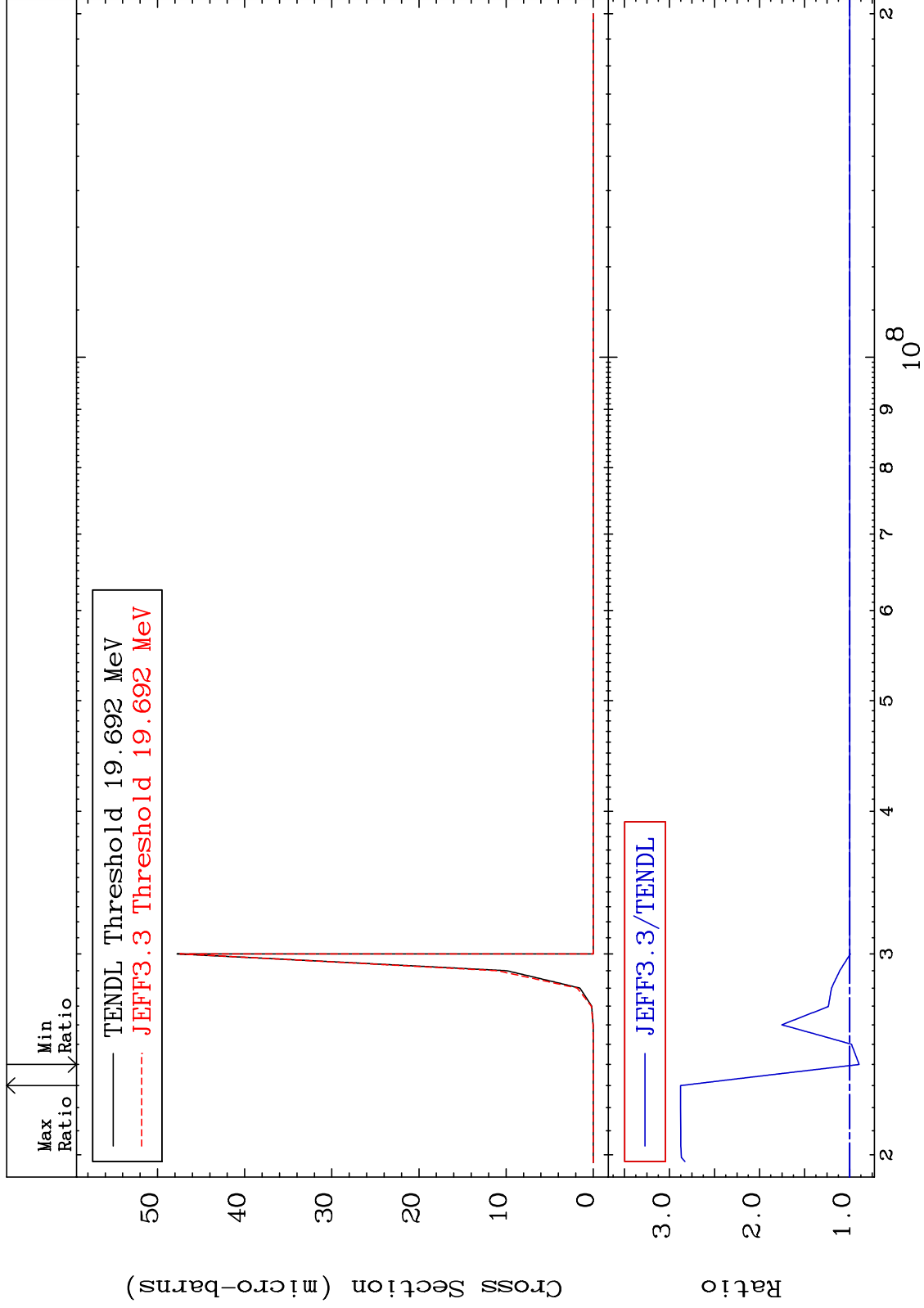
MAT 3831

(n, n') d:37-Rb-84m2

38-Sr-86

Radionuclide Production Cross Section 0.000 To 263.7 %





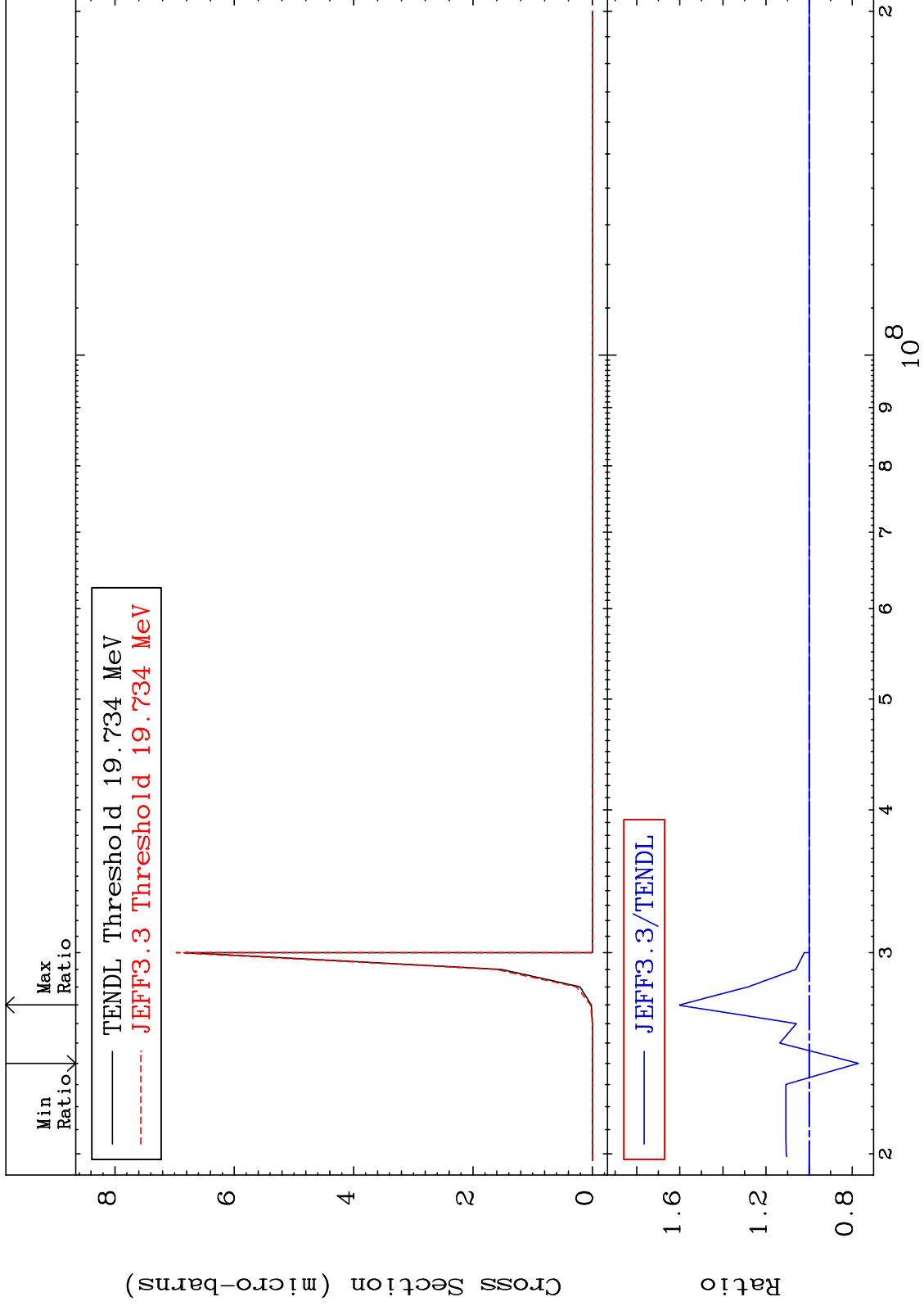
MAT 3831

(n, n') He-3:36-Kr-83m2

38-Sr-86

Radionuclide Production Cross Section

-22.85 To 60.01 %

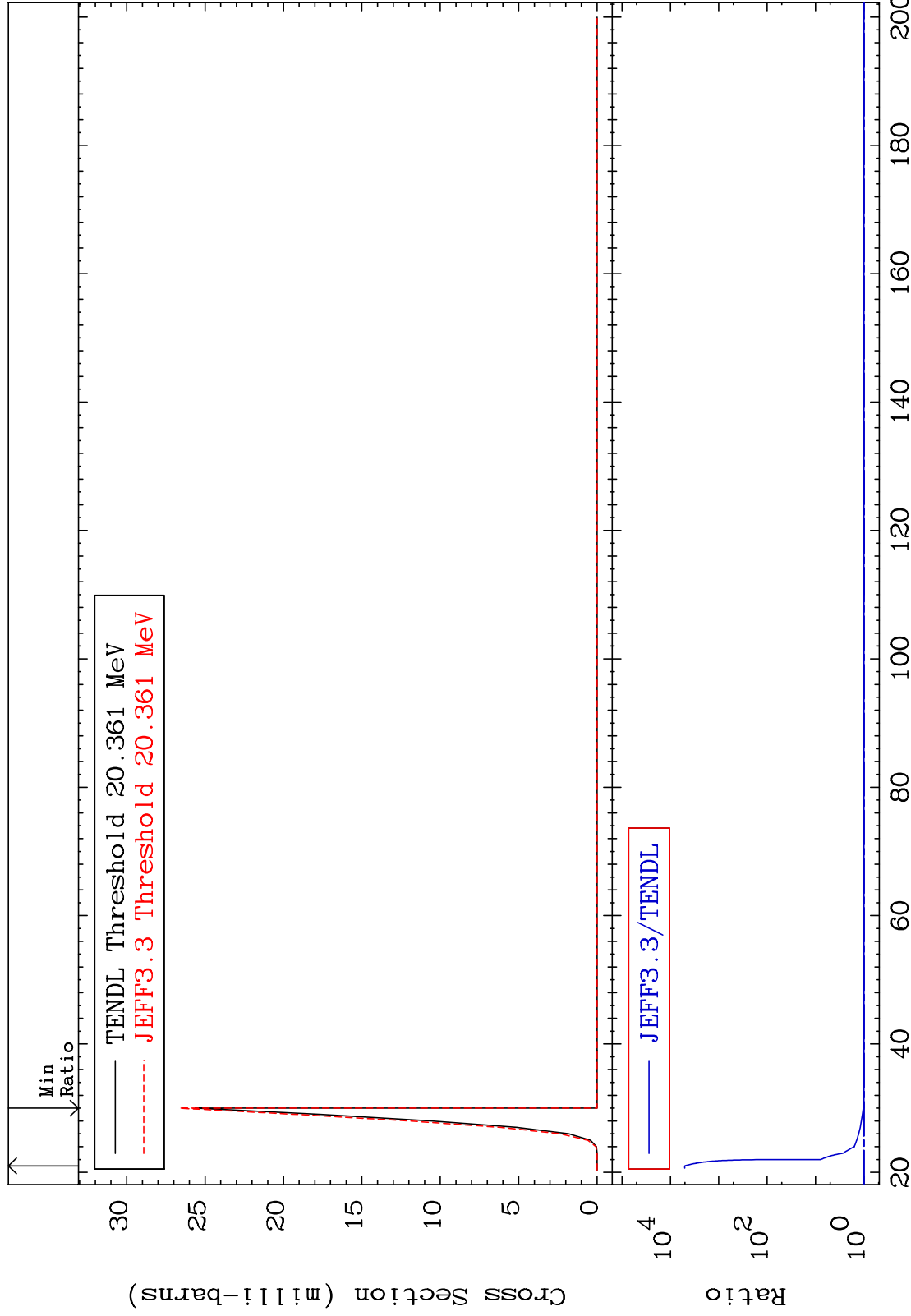


MAT 3831

(n,2n) p:37-Rb-84g

38-Sr-86

Radionuclide Production Cross Section 0.000 To 9999. %



85

Incident Energy (MeV)

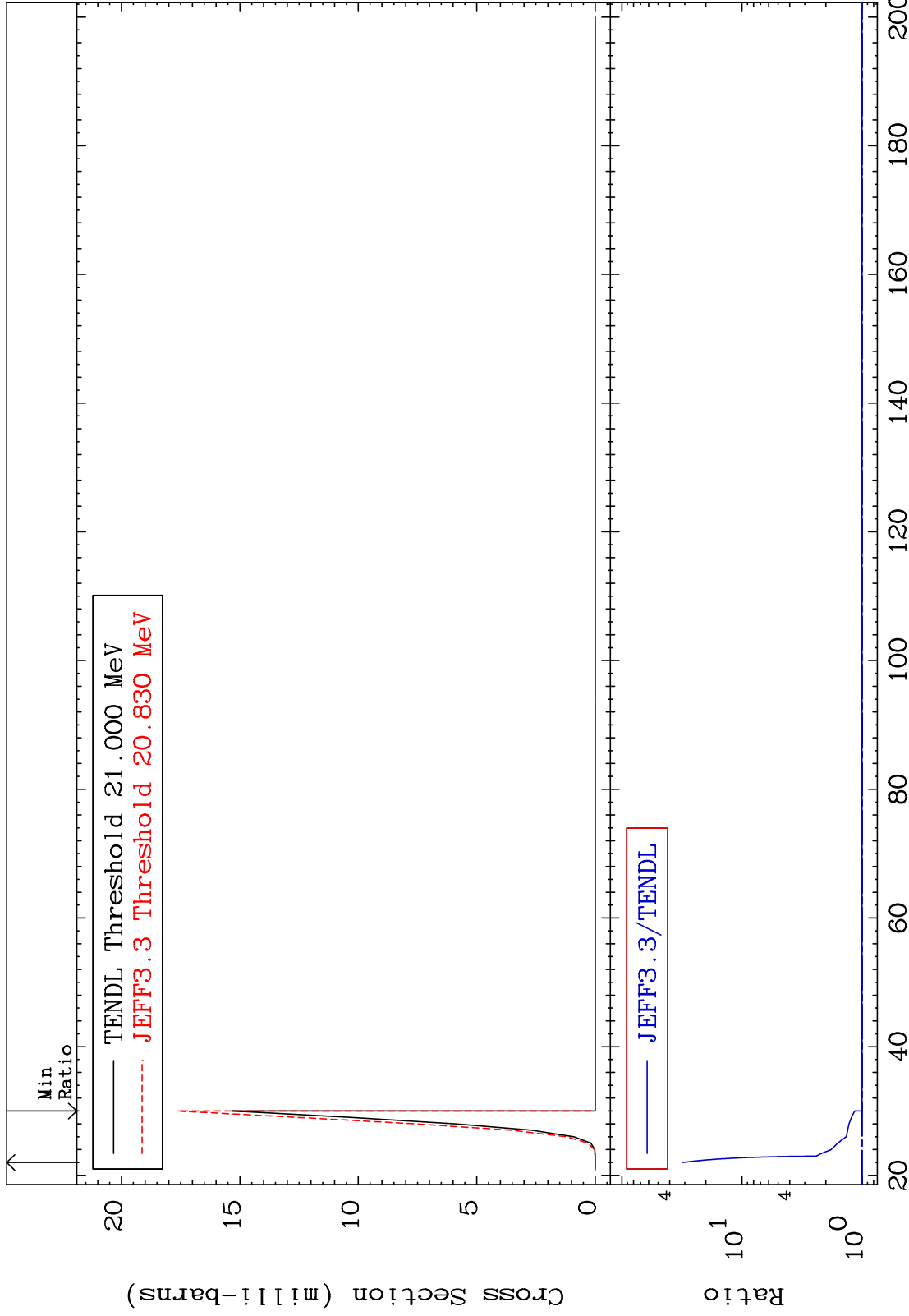
38-Sr-86

MAT 3831

(n,2n) p:37-Rb-84m2

38-Sr-86

Radionuclide Production Cross Section 0.000 To 3006. %



86

Incident Energy (MeV)

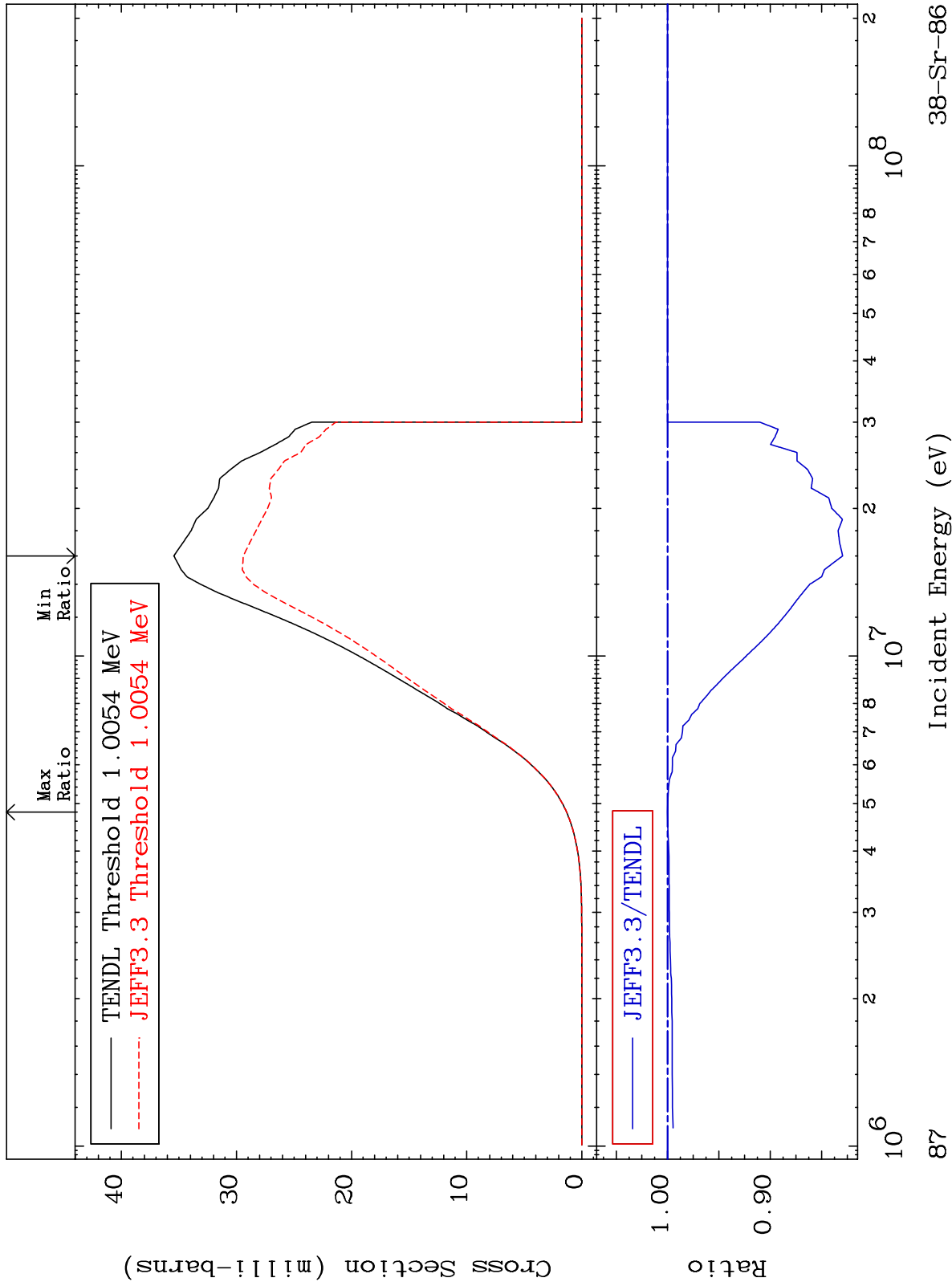
38-Sr-86

MAT 3831

(n, p) : 37-Rb-86g

38-Sr-86

Radionuclide Production Cross Section -17.05 To 0.002 %



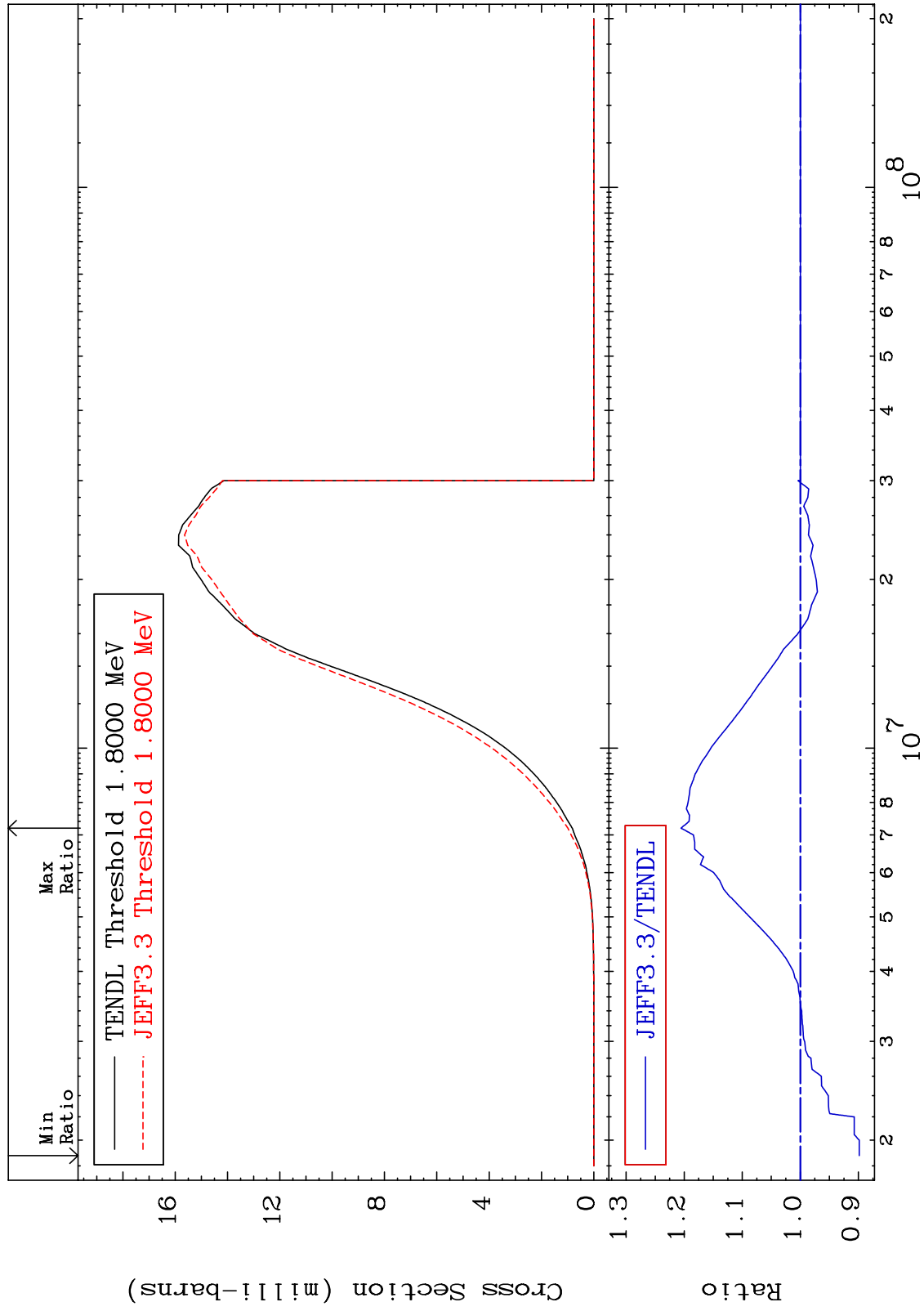


MAT 3831

(n,p):37-Rb-86m2

38-Sr-86

Radionuclide Production Cross Section -10.15 To 20.55 %



88

Incident Energy (eV)

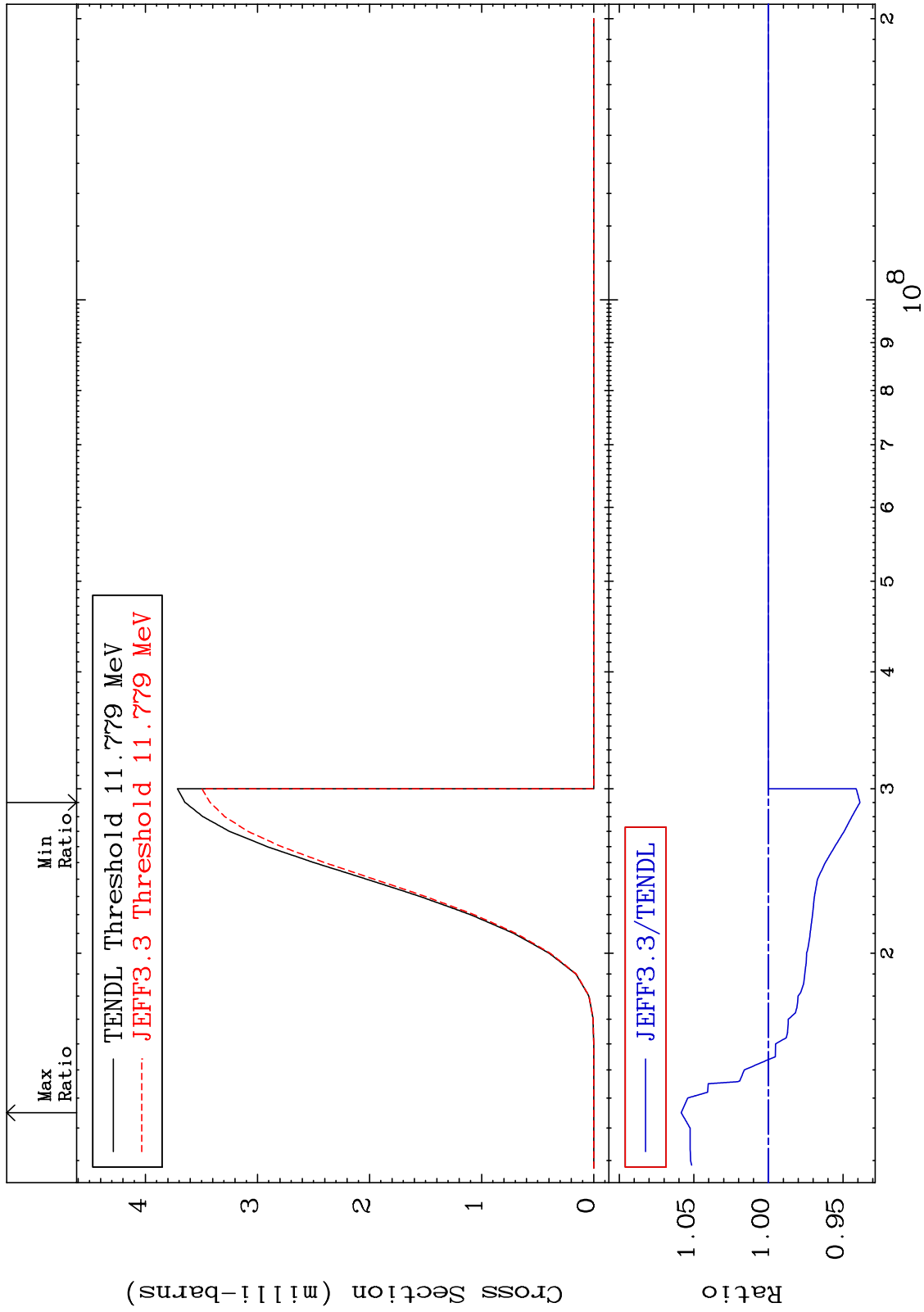
38-Sr-86

MAT 3831

(n, t) : 37-Rb-84g

38-Sr-86

Radionuclide Production Cross Section -6.135 To 5.848 %



89

Incident Energy (eV)

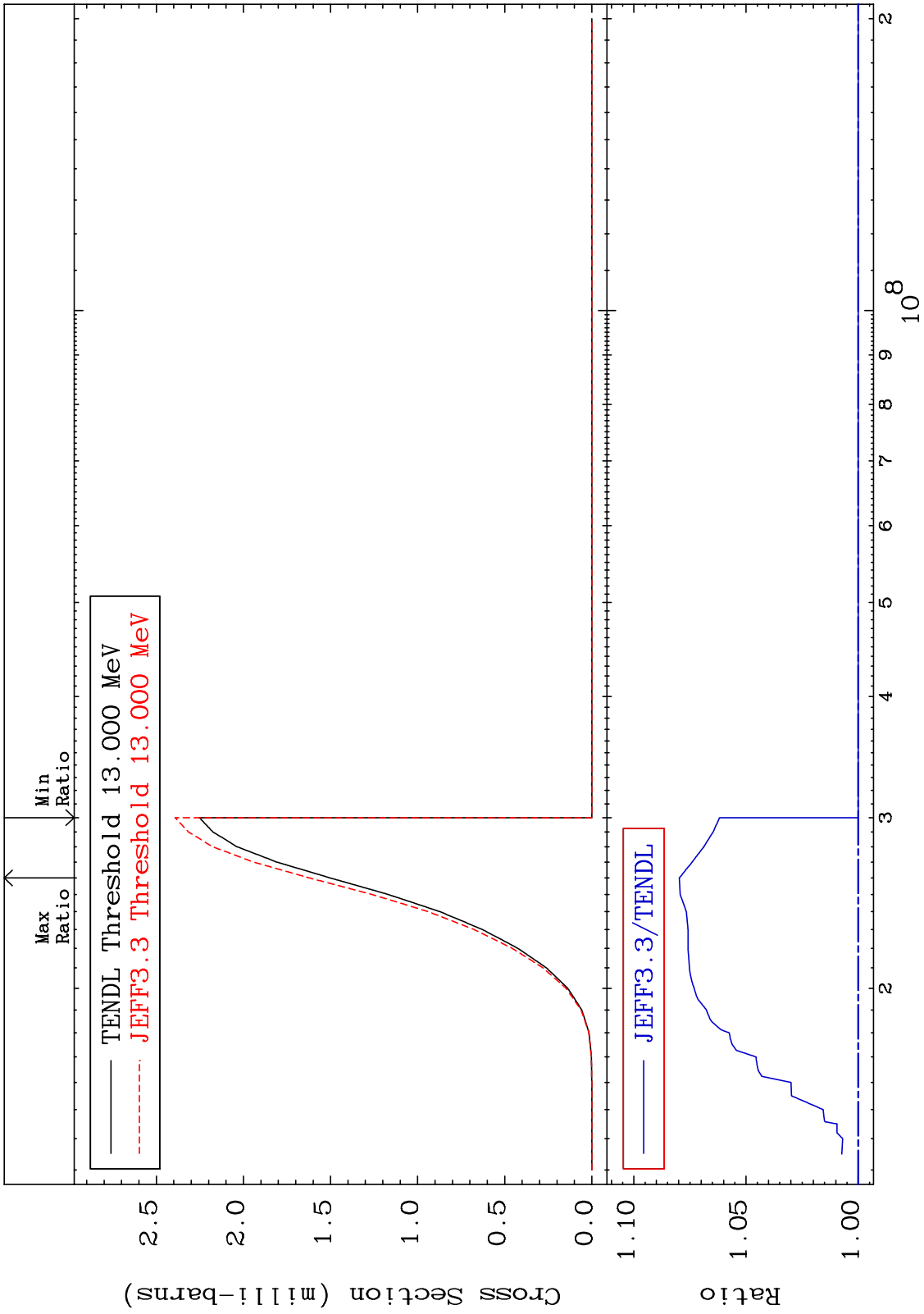
38-Sr-86

MAT 3831

(n, t): 37-Rb-84m2

38-Sr-86

Radionuclide Production Cross Section 0.000 To 7.972 %



90

Incident Energy (eV)

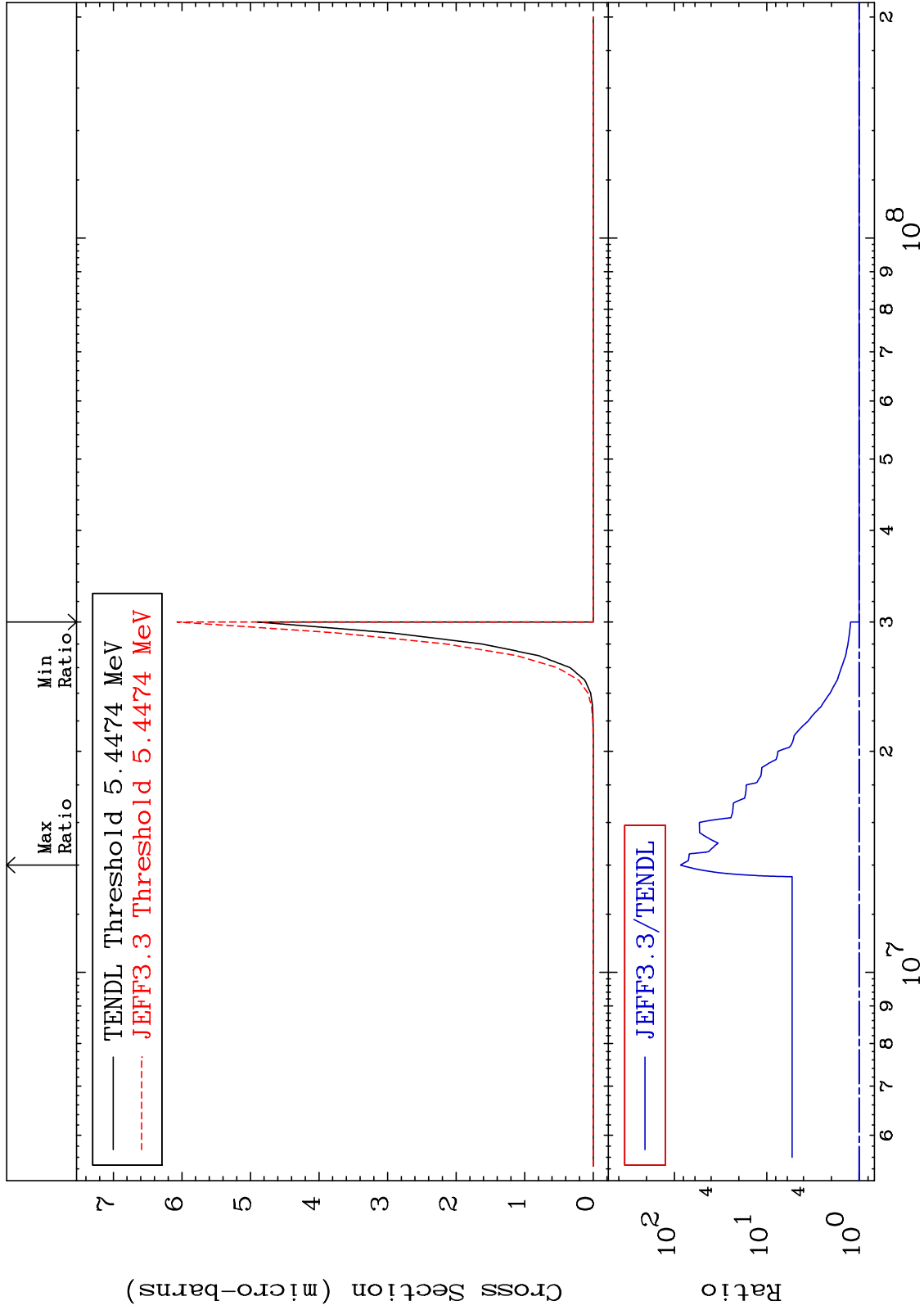
38-Sr-86

MAT 3831

38-Sr-86

(n,2α):34-Se-79g

Radionuclide Production Cross Section 0.000 To 8455. %



91

Incident Energy (eV)

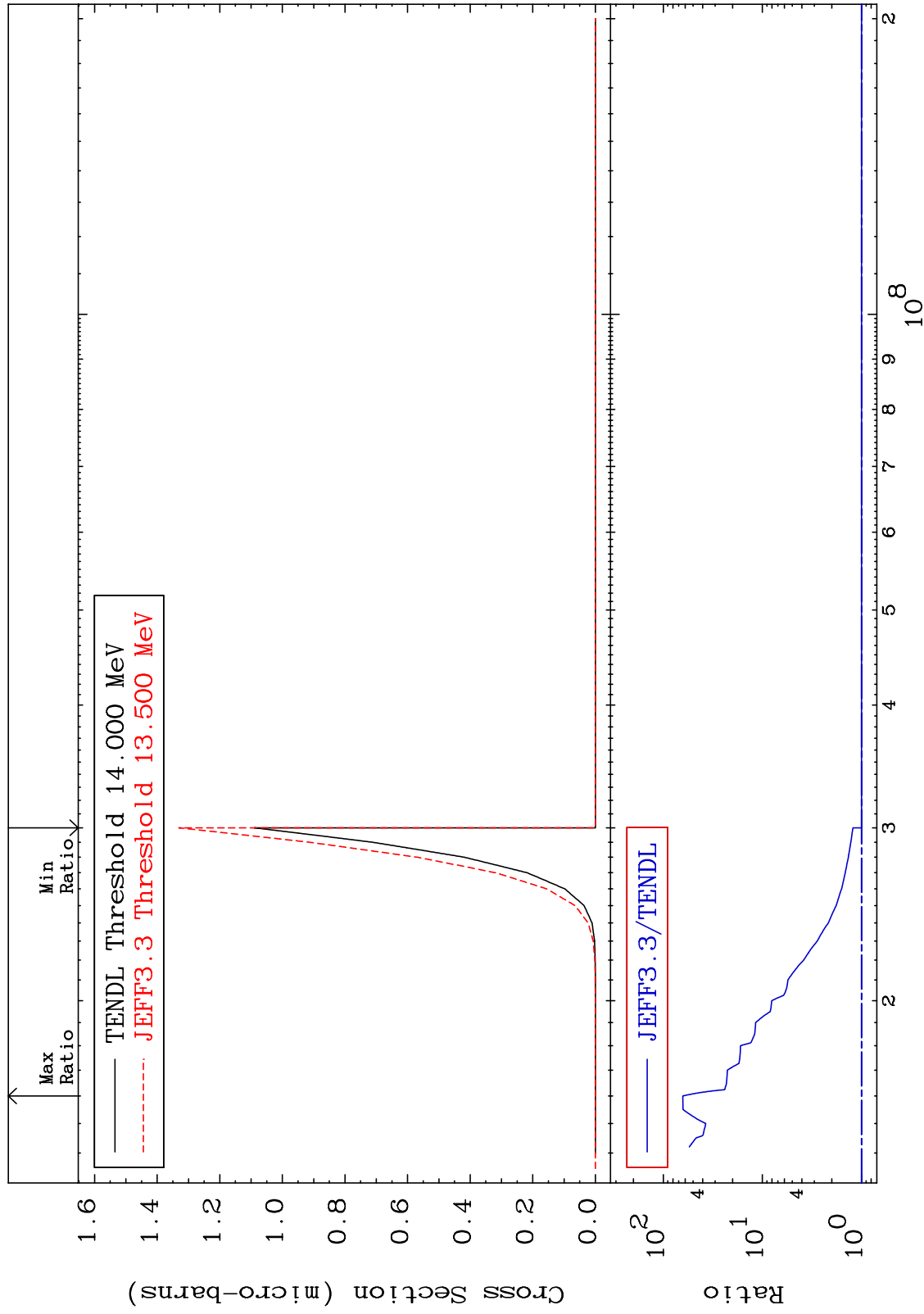
38-Sr-86

MAT 3831

(n,2α):34-Se-79m1

38-Sr-86

Radionuclide Production Cross Section 0.000 To 6247. %

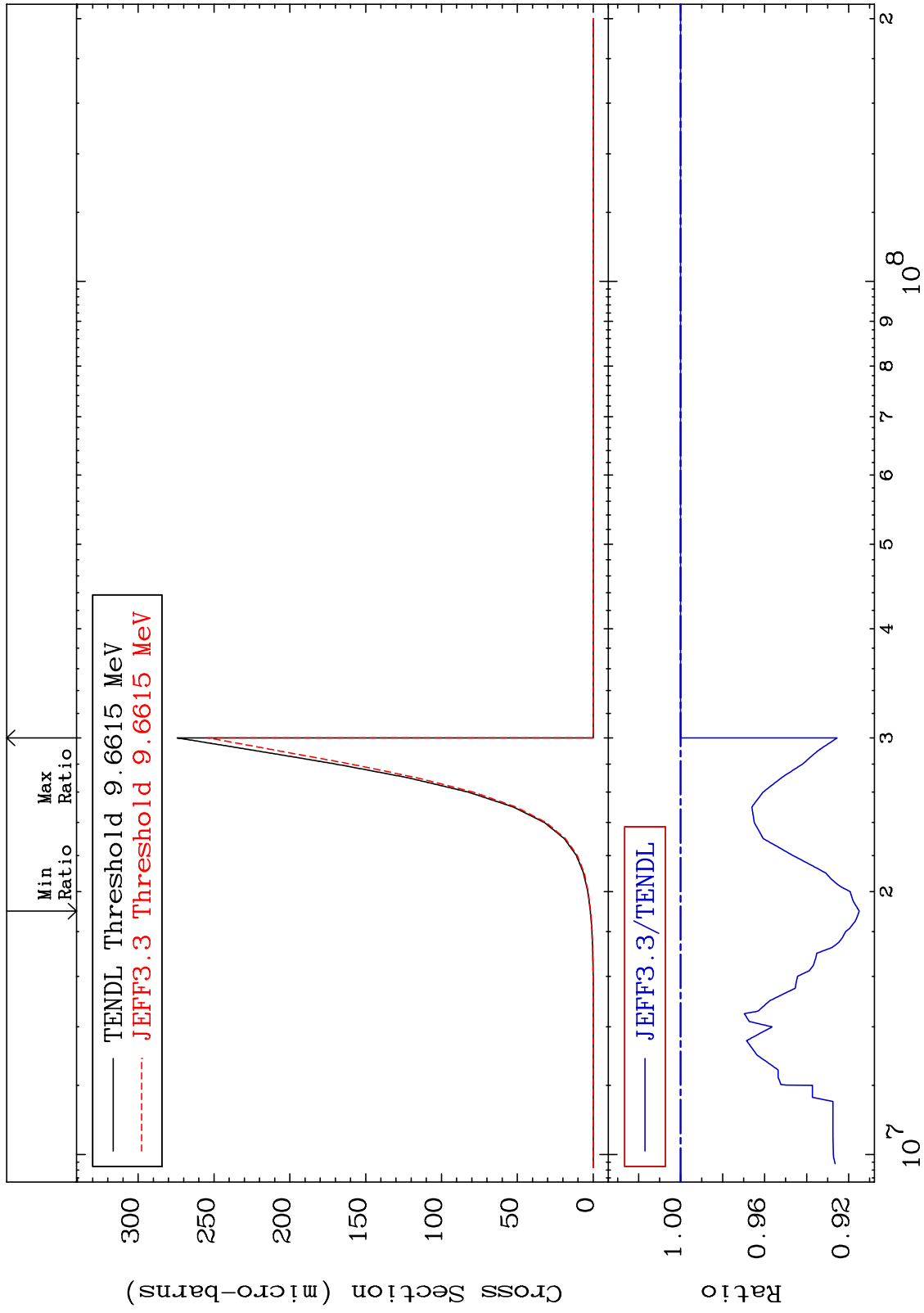


MAT 3831

(n,2p):36-Kr-85g

38-Sr-86

Radionuclide Production Cross Section -8.500 To 0.000 %



Incident Energy (eV)

38-Sr-86

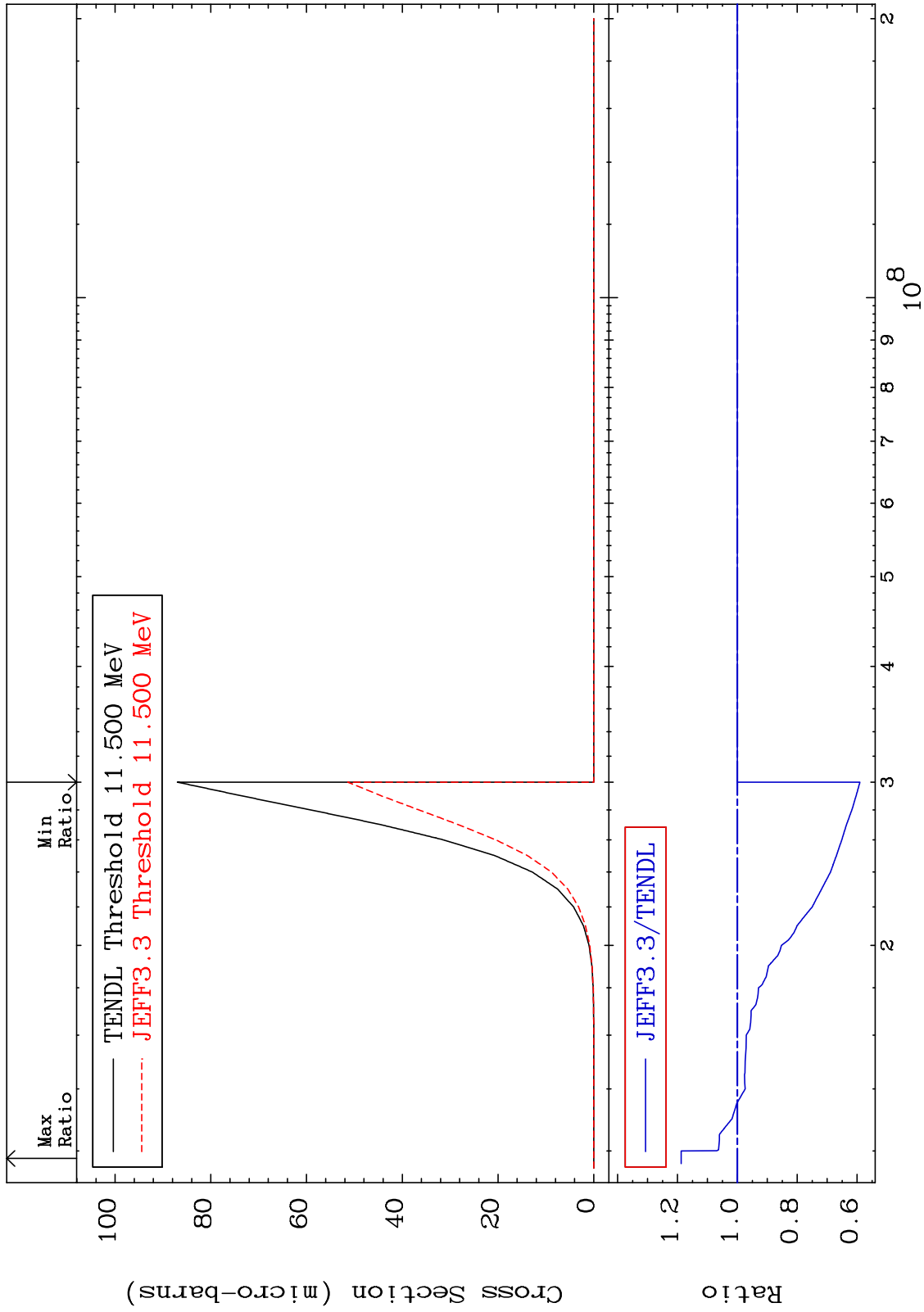
93

MAT 3831

(n,2p):36-Kr-85m1

38-Sr-86

Radionuclide Production Cross Section -40.93 To 18.76 %

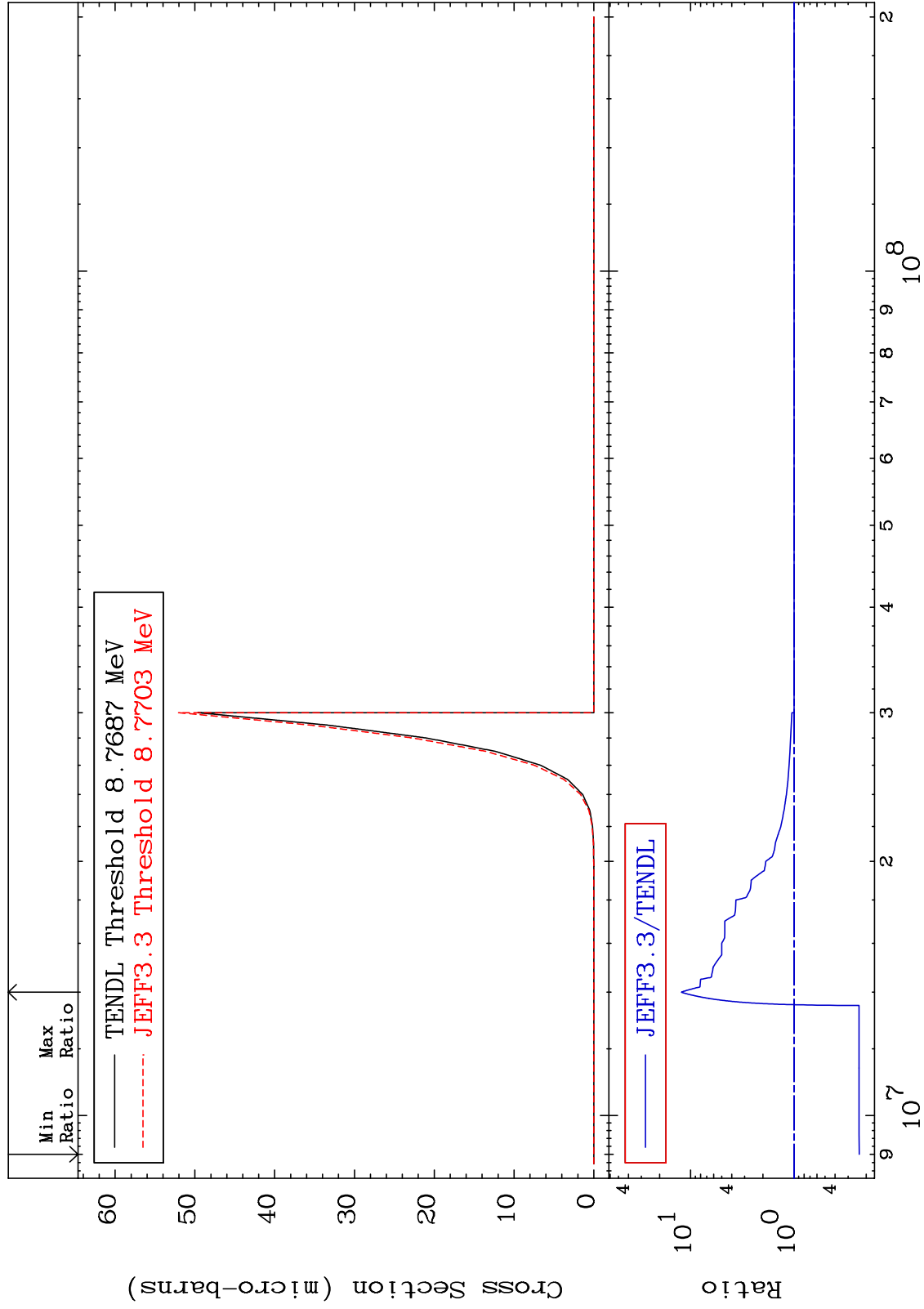


MAT 3831

(n, p)  $\alpha$ :35-Br-82g

38-Sr-86

Radionuclide Production Cross Section -76.64 To 1139. %



95

Incident Energy (eV)

38-Sr-86

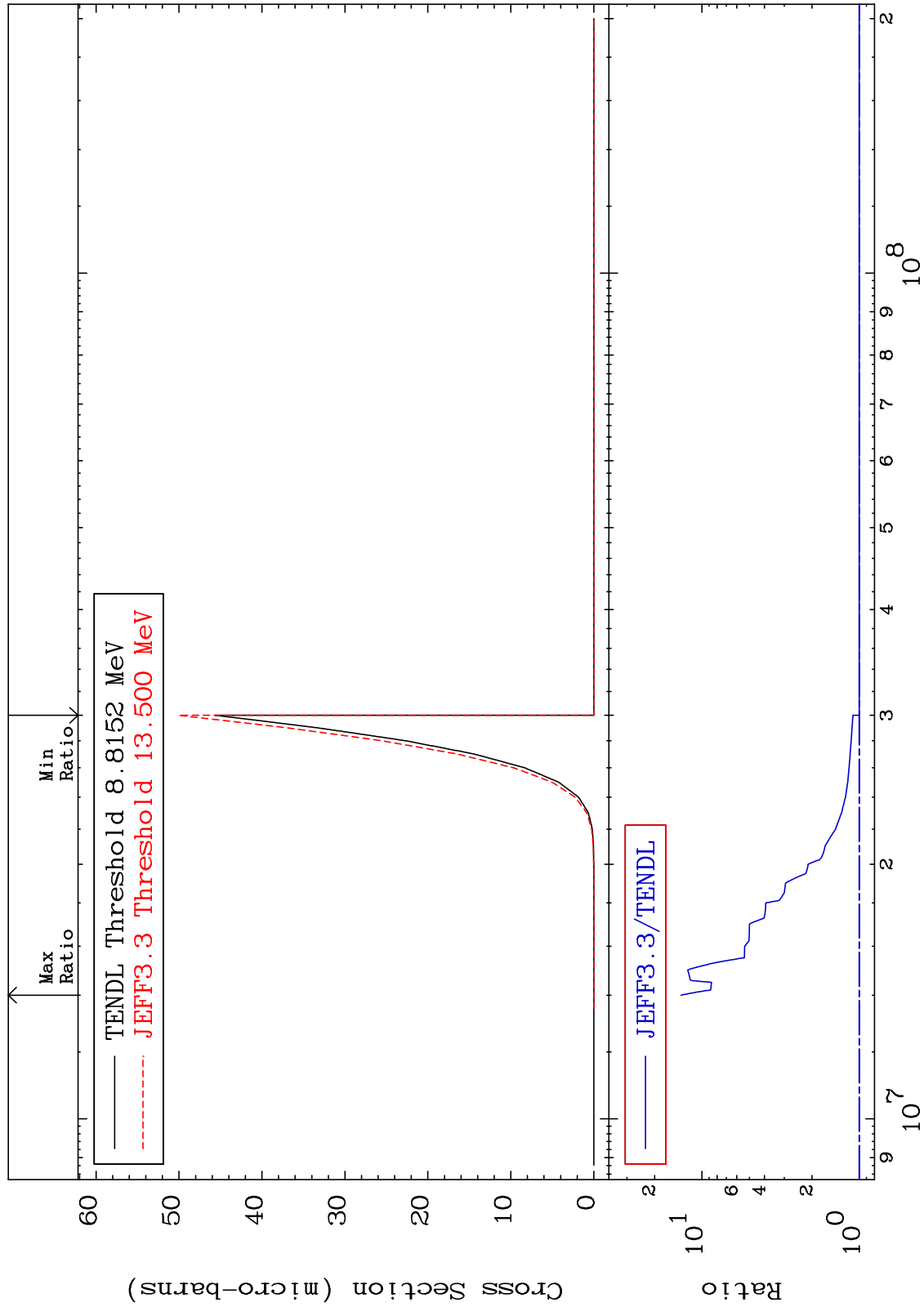


MAT 3831

(n, p)  $\alpha$ : 35-Br-82m1

38-Sr-86

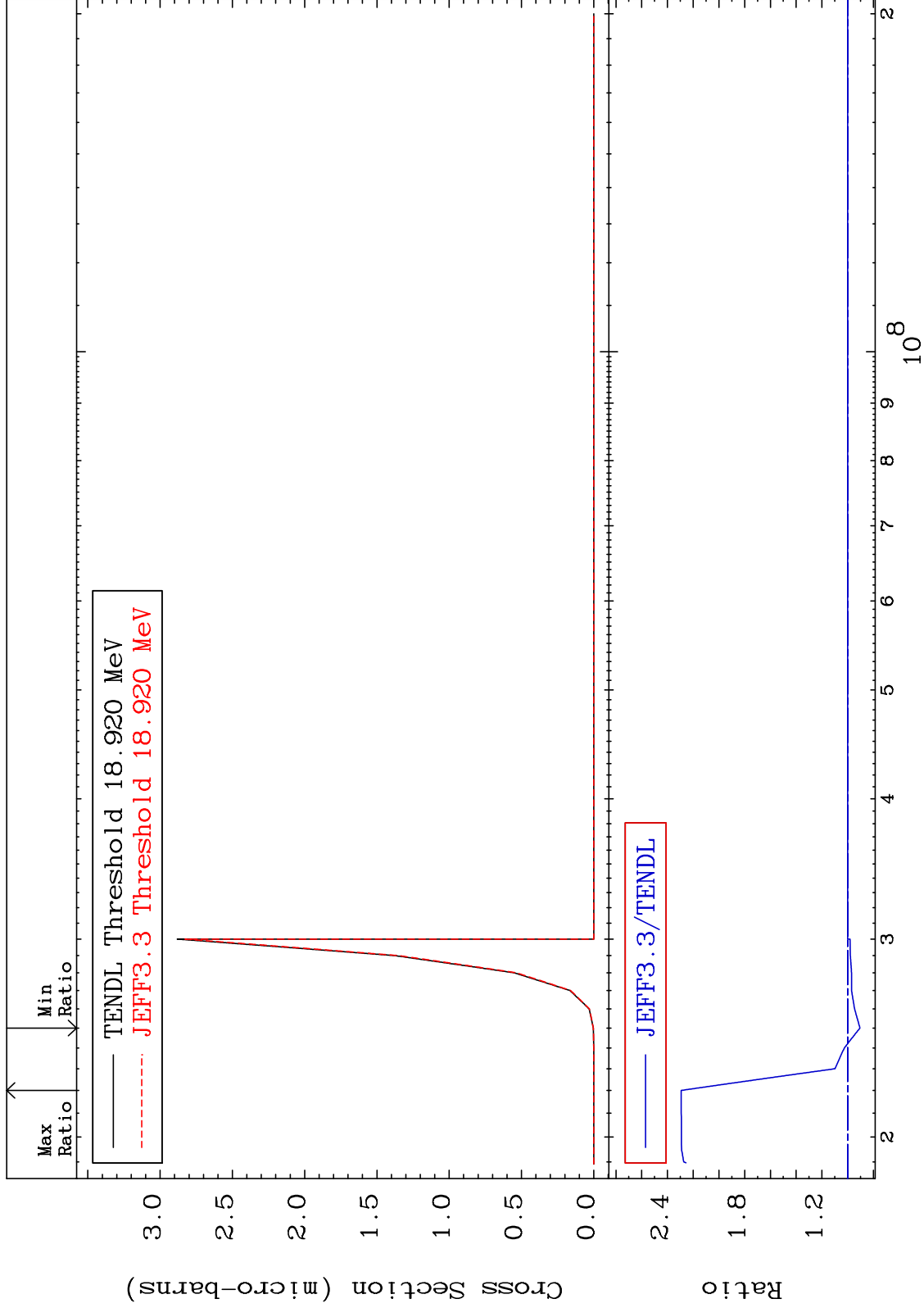
Radionuclide Production Cross Section 0.000 To 1257. %



96

Incident Energy (eV)

38-Sr-86



Radionuclide Production Cross Section -17.07 To 132.0 %

