

Program Complot  
(Version 2018-1)

by

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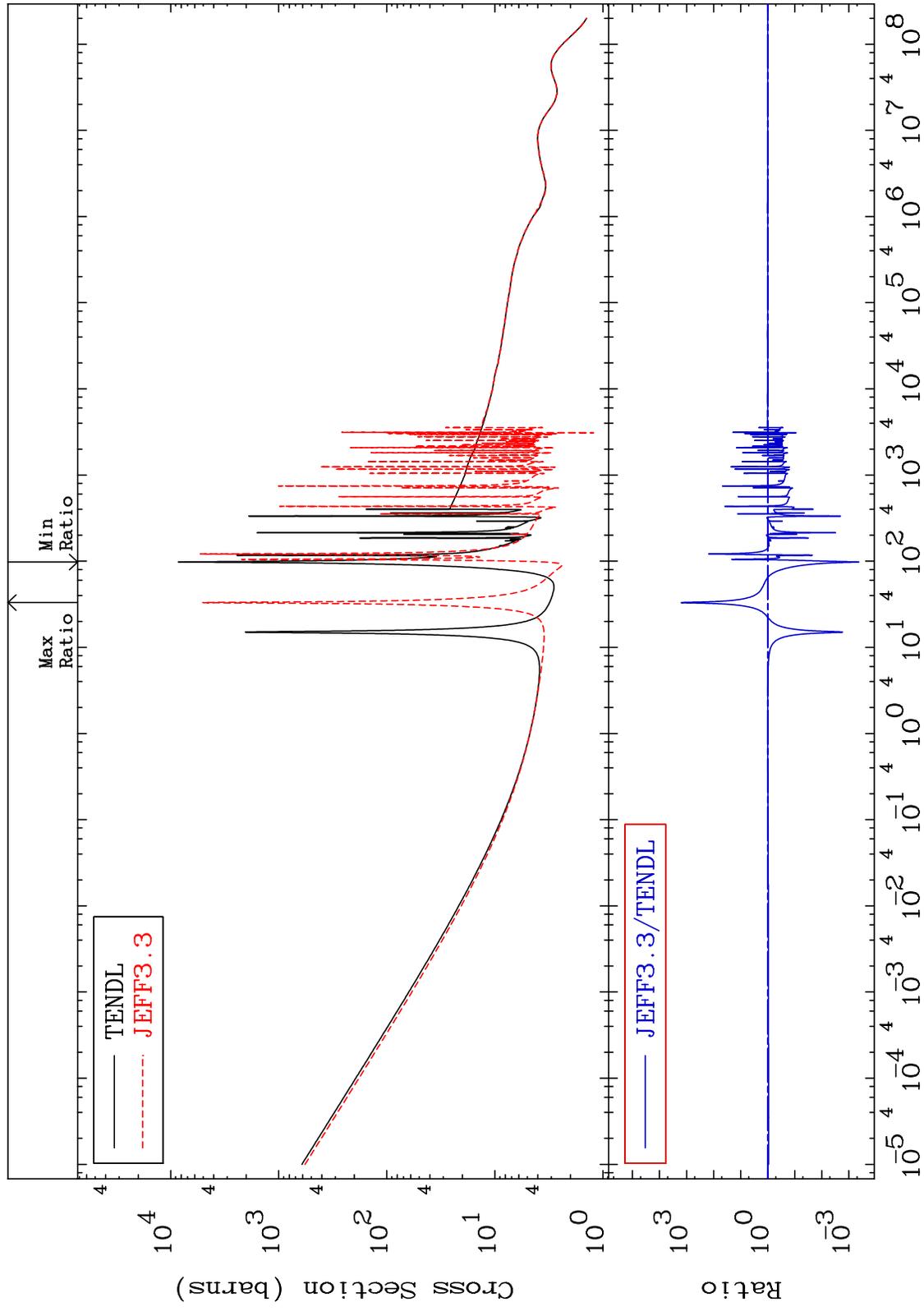
U.S.A.

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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 3440 34-Se-79  
Total Cross Section -99.96 To 9999. %



1 34-Se-79

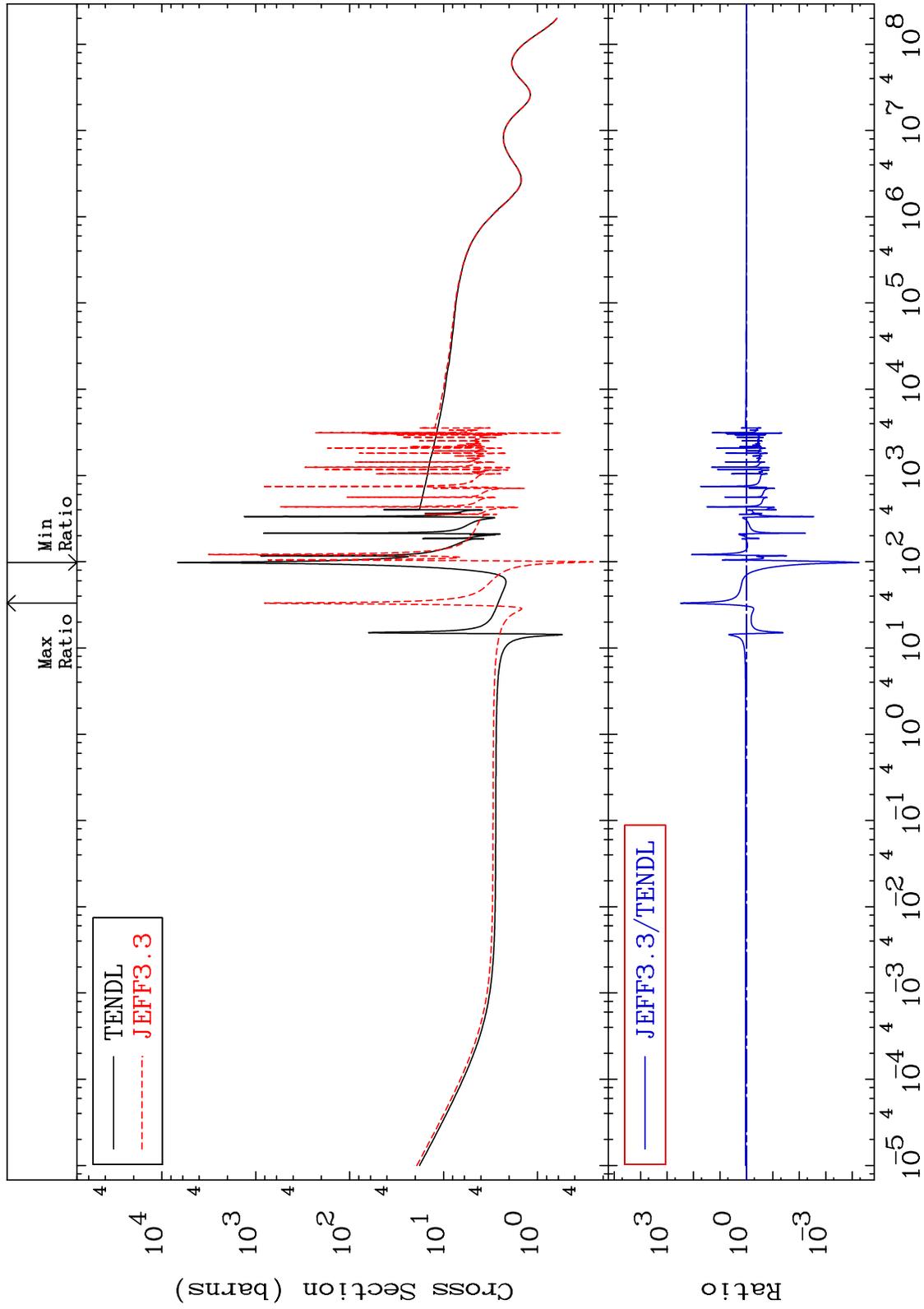
MAT 3440

Elastic

34-Se-79

Cross Section

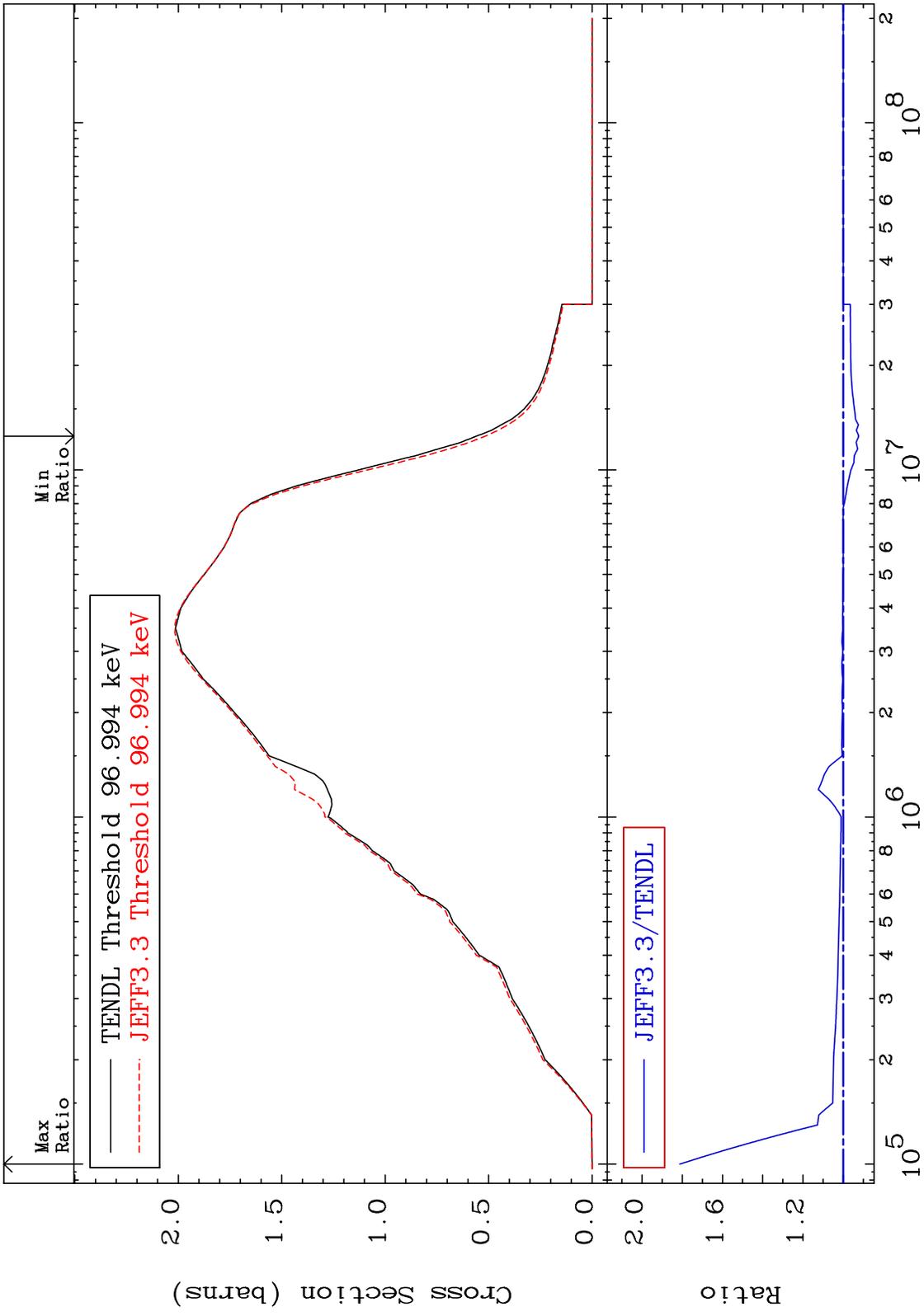
-99.99 To 9999. %



2

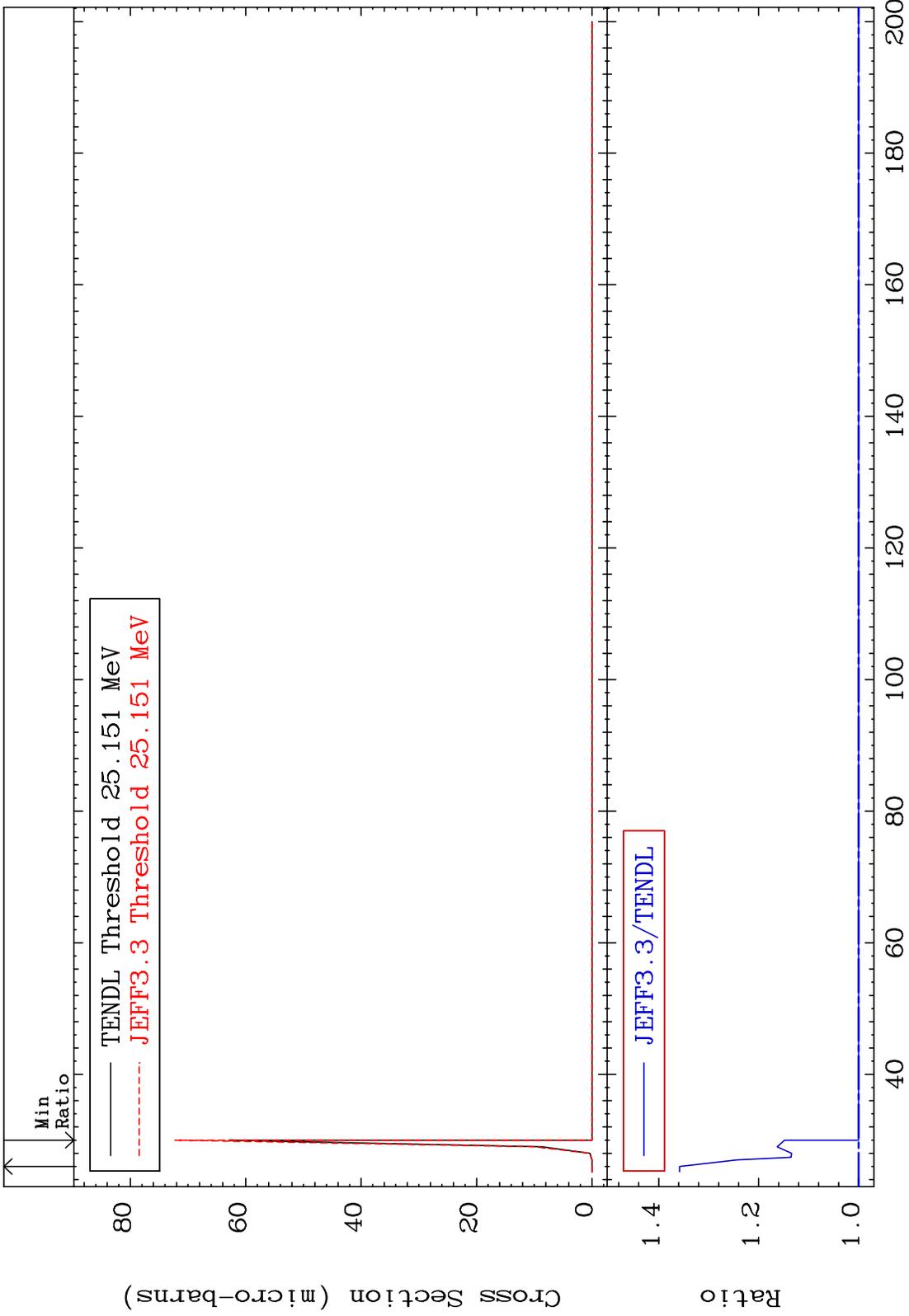
34-Se-79

MAT 3440 Inelastic Cross Section 34-Se-79 -7.723 To 81.23 %

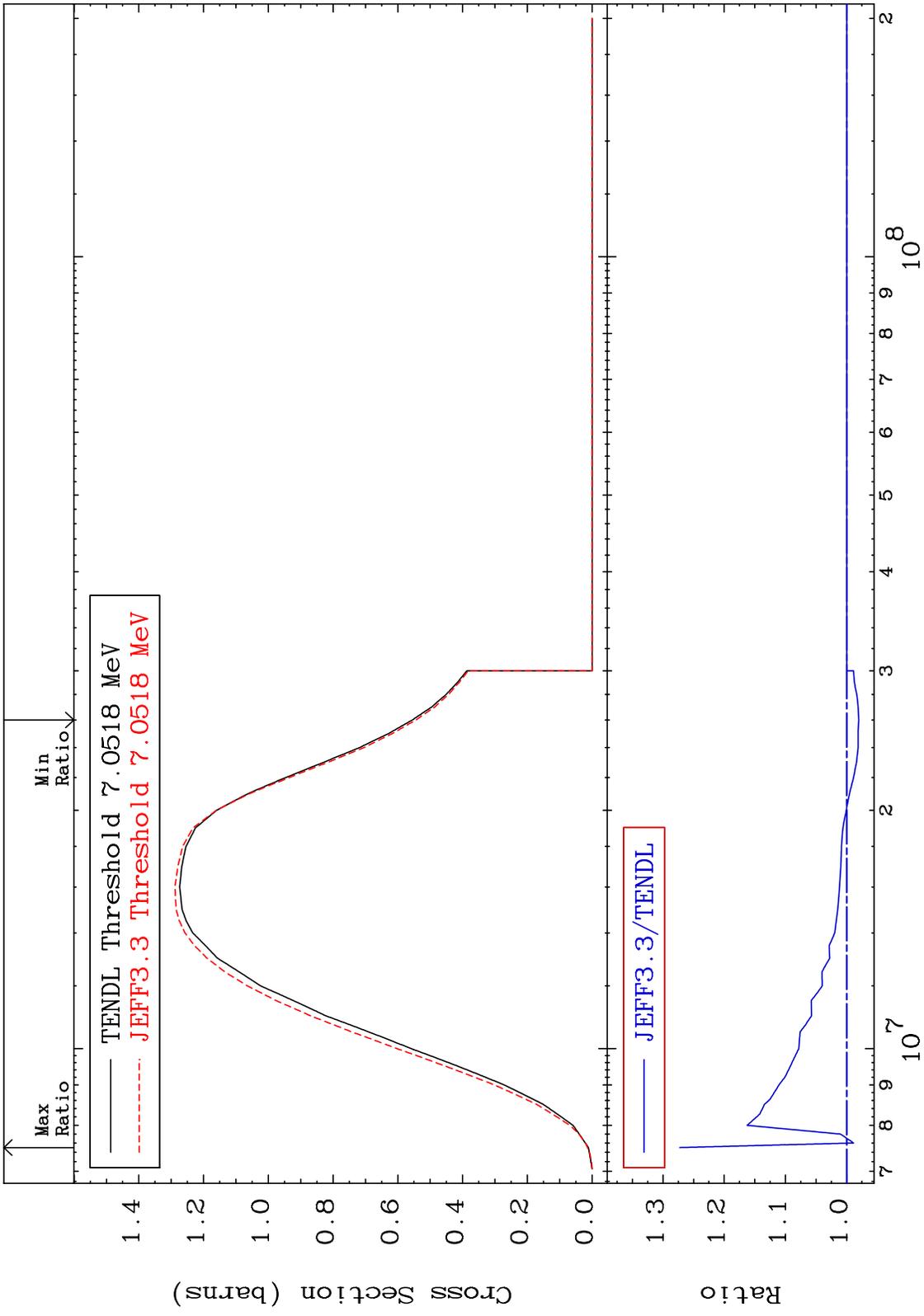


34-Se-79

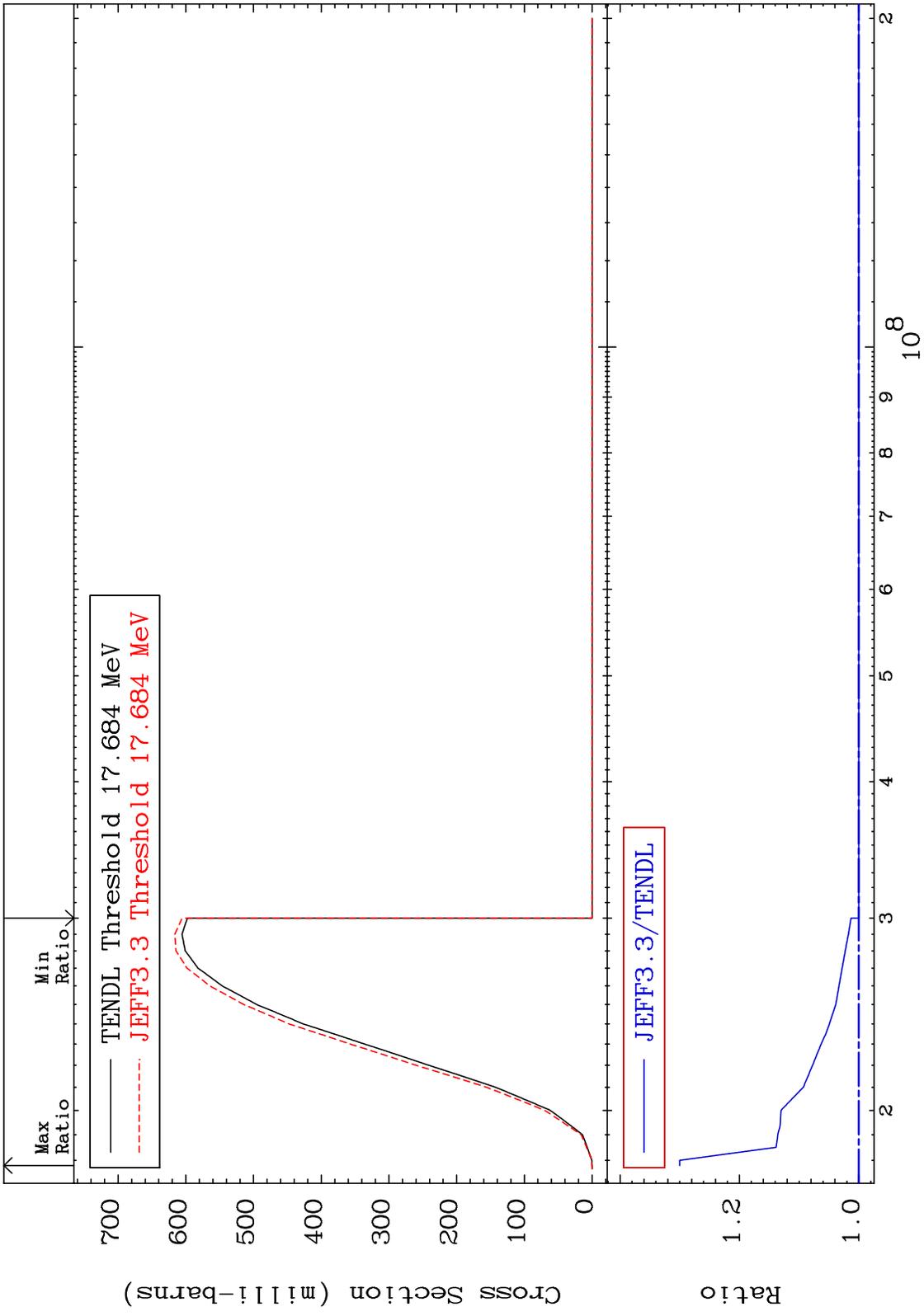
MAT 3440 (n,2n) d 34-Se-79  
Cross Section 0.000 To 35.81 %



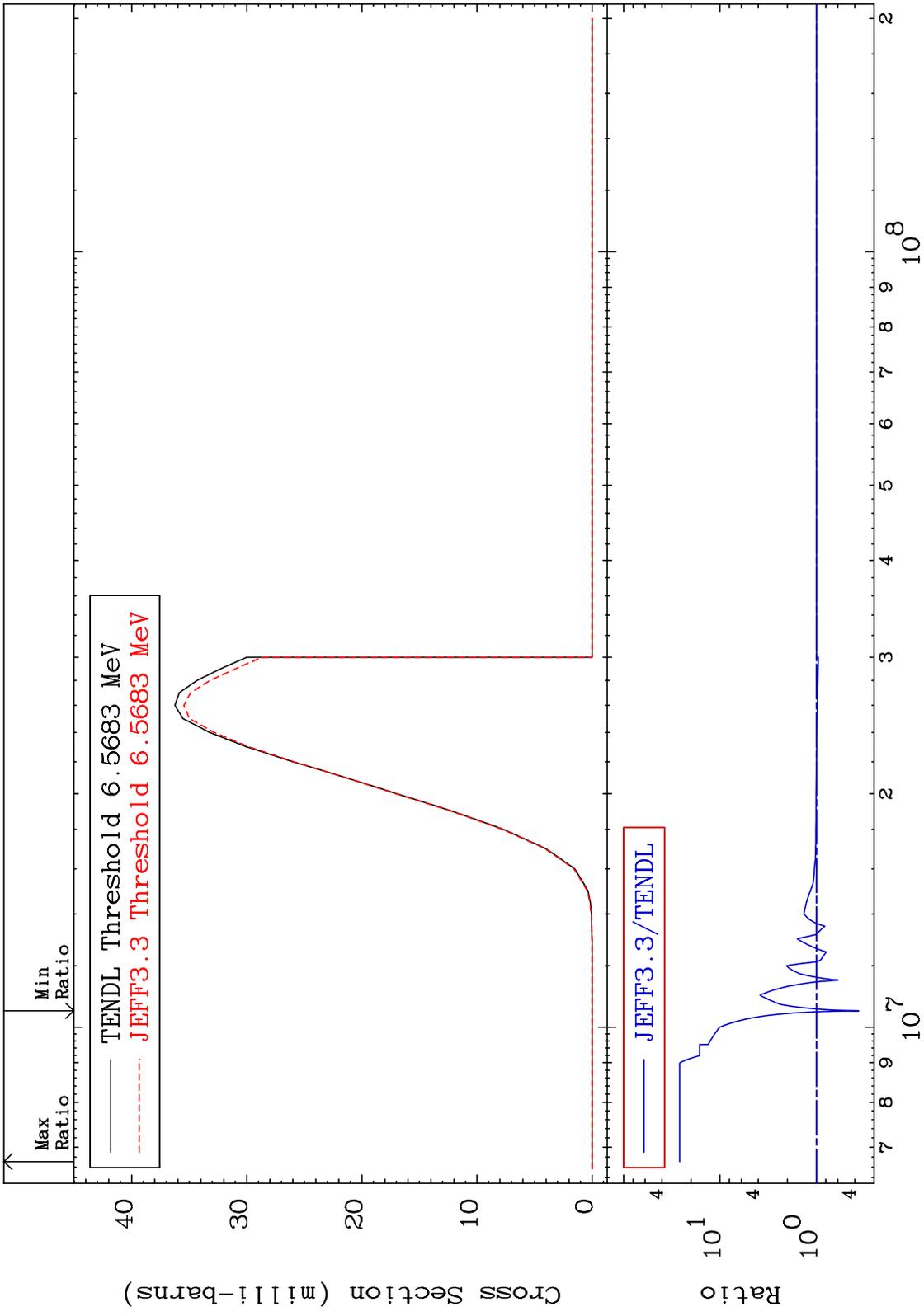
MAT 3440 34-Se-79  
 (n,2n) -1.989 To 27.26 %  
 Cross Section



MAT 3440  $(n, 3n)$   $^{34}\text{Se-79}$  Cross Section To 30.00 %

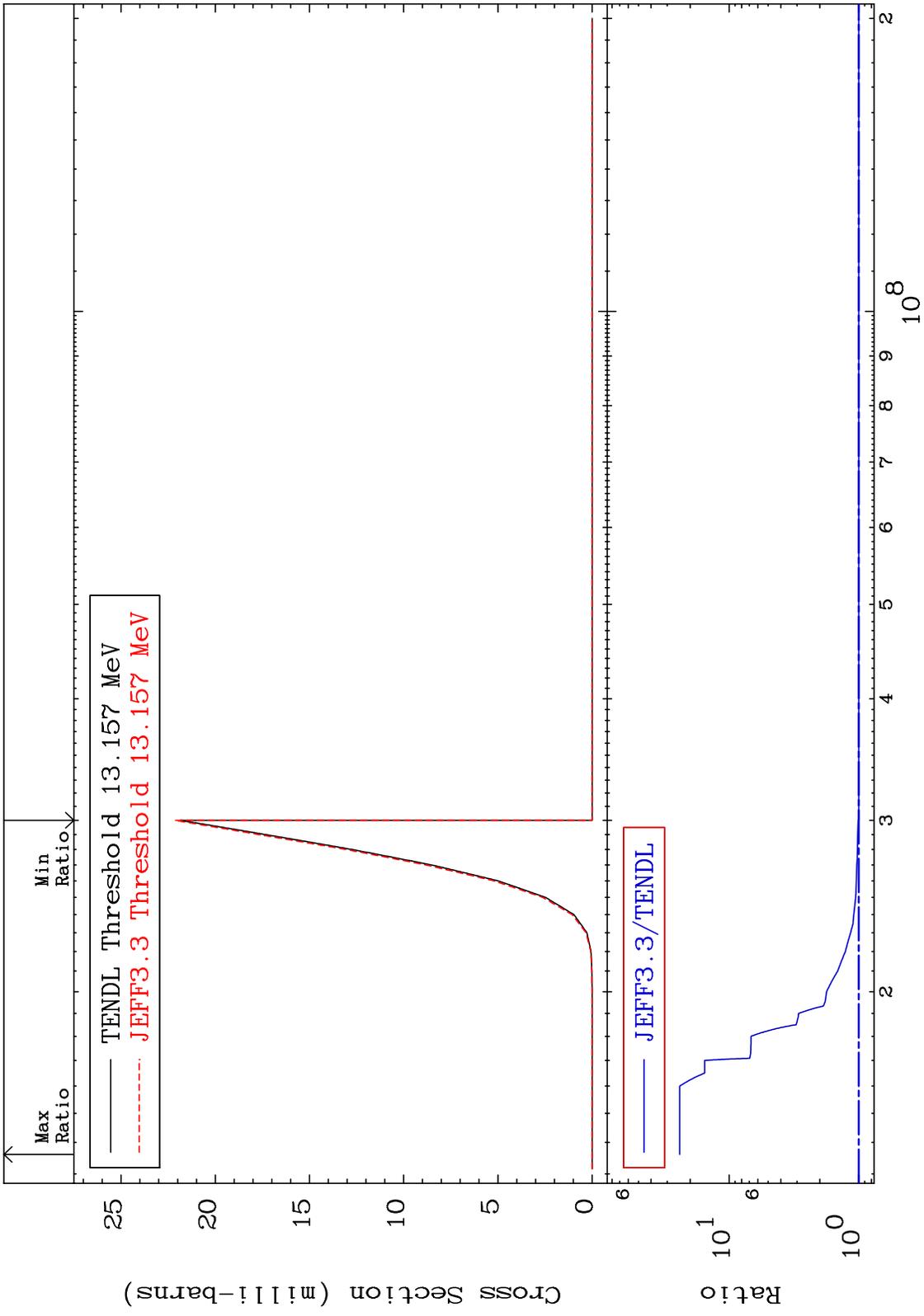


MAT 3440  $(n, n') \alpha$  34-Se-79  
 Cross Section -63.69 To 2517. %



7 34-Se-79

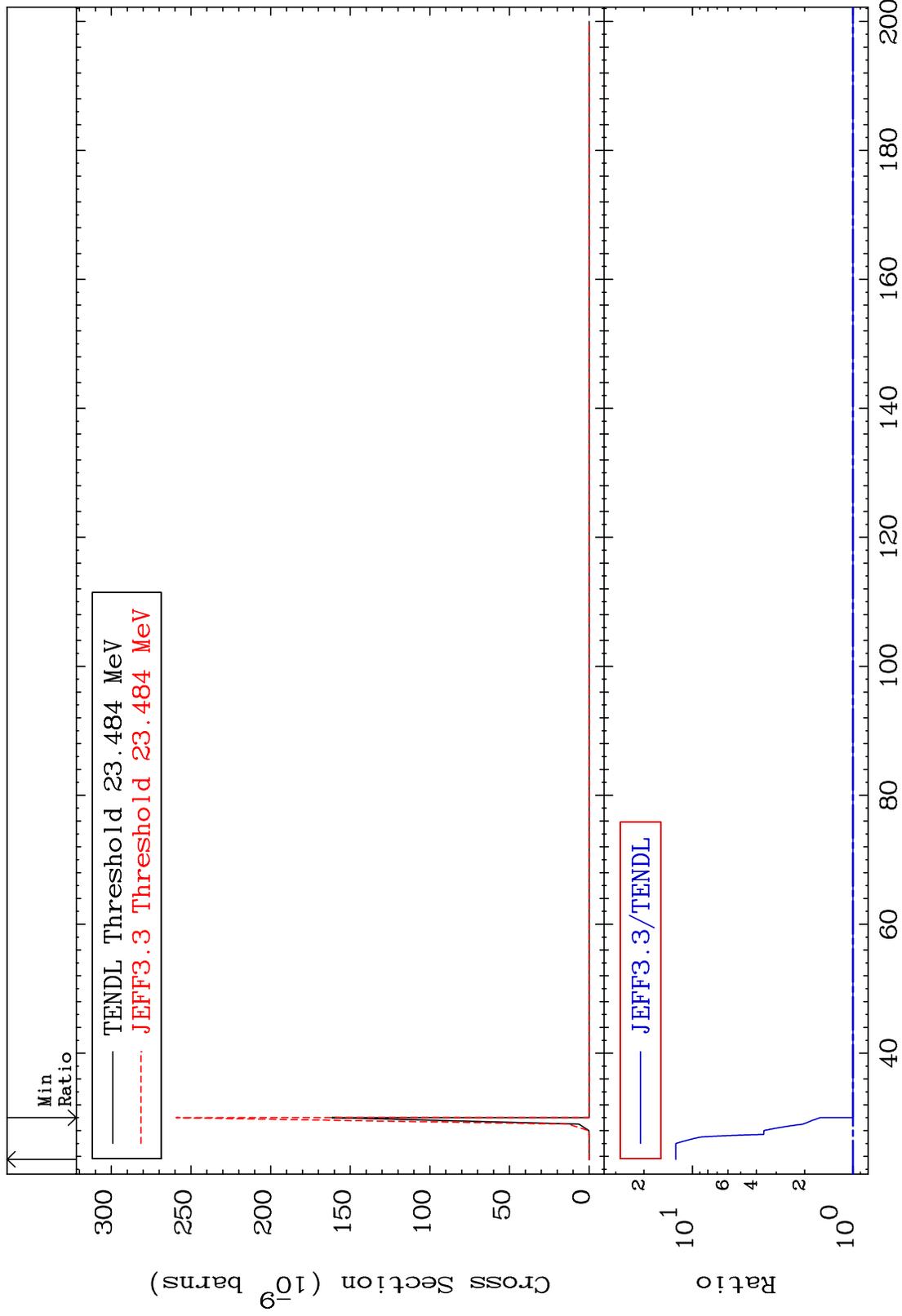
MAT 3440  $(n, 2n) \alpha$   $^{34}\text{Se-79}$   
 Cross Section To 2305. %



$^{34}\text{Se-79}$

Incident Energy (eV)

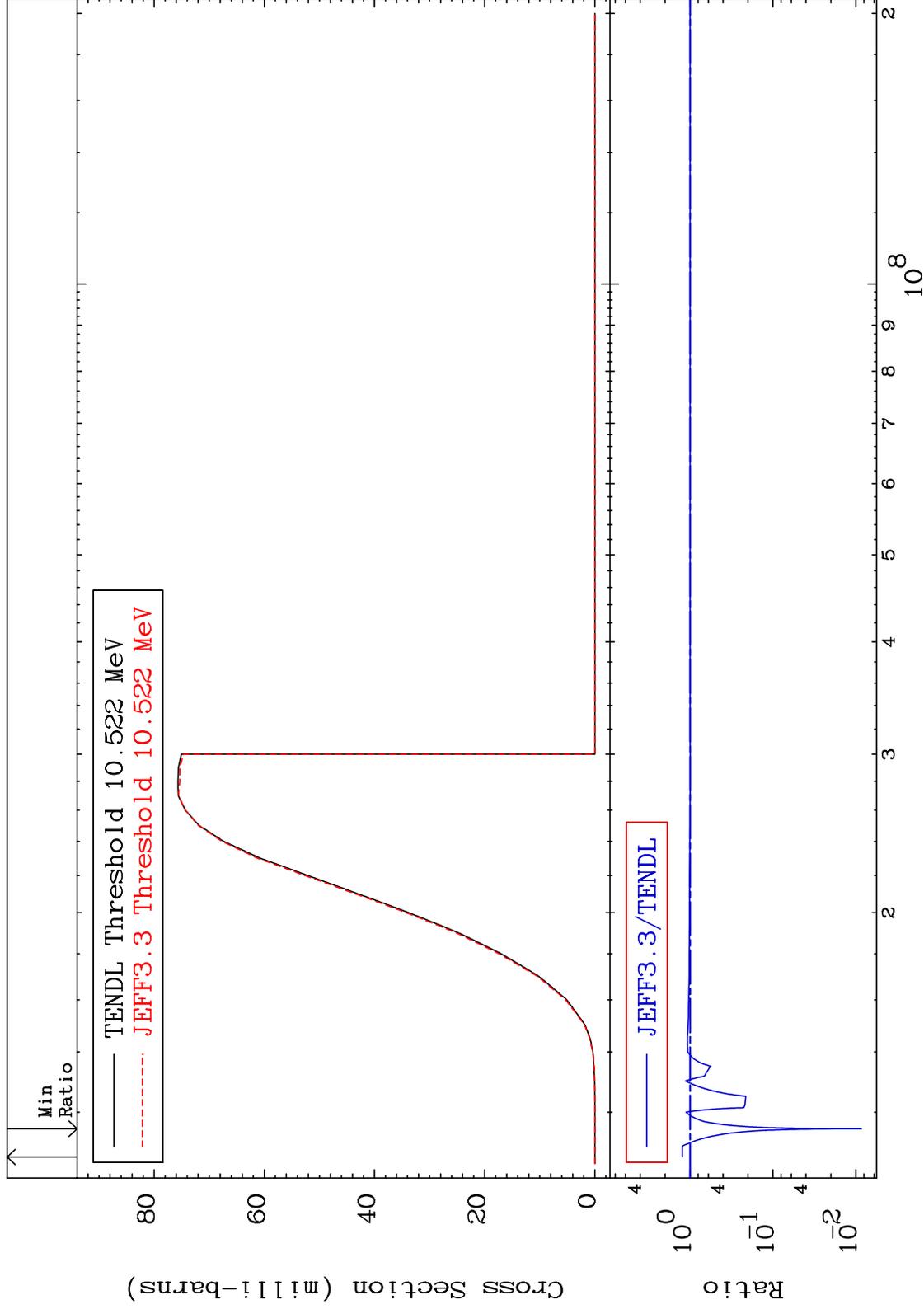
MAT 3440  $(n, 3n) \alpha$   $^{34}\text{Se-79}$   
Cross Section To 1167. %



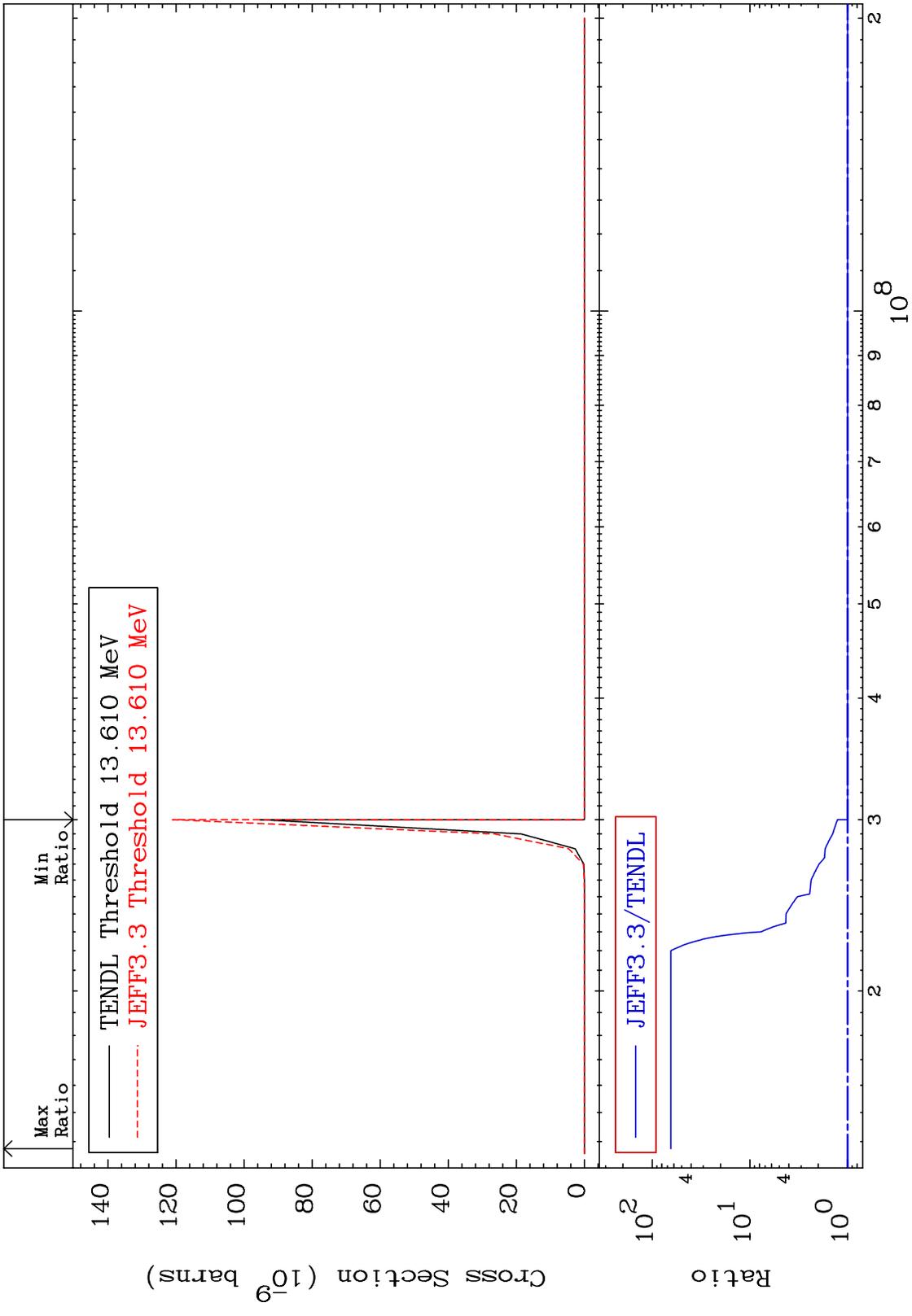
MAT 3440

(n, n') p  
Cross Section

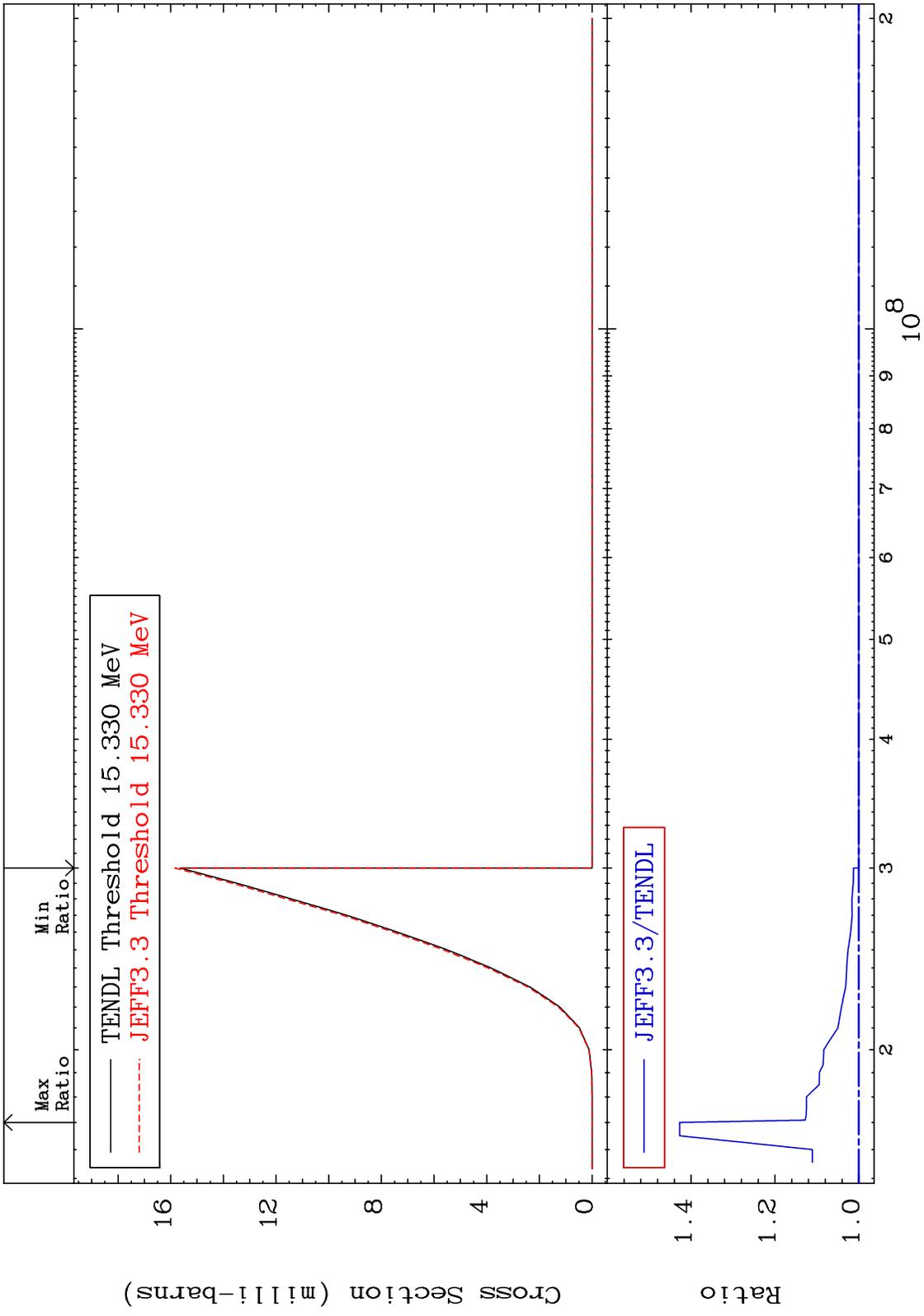
<sup>34</sup>Se-79  
-99.14 To 23.58 %



MAT 3440 (n,n') 2α Cross Section 34-Se-79 To 6347. %

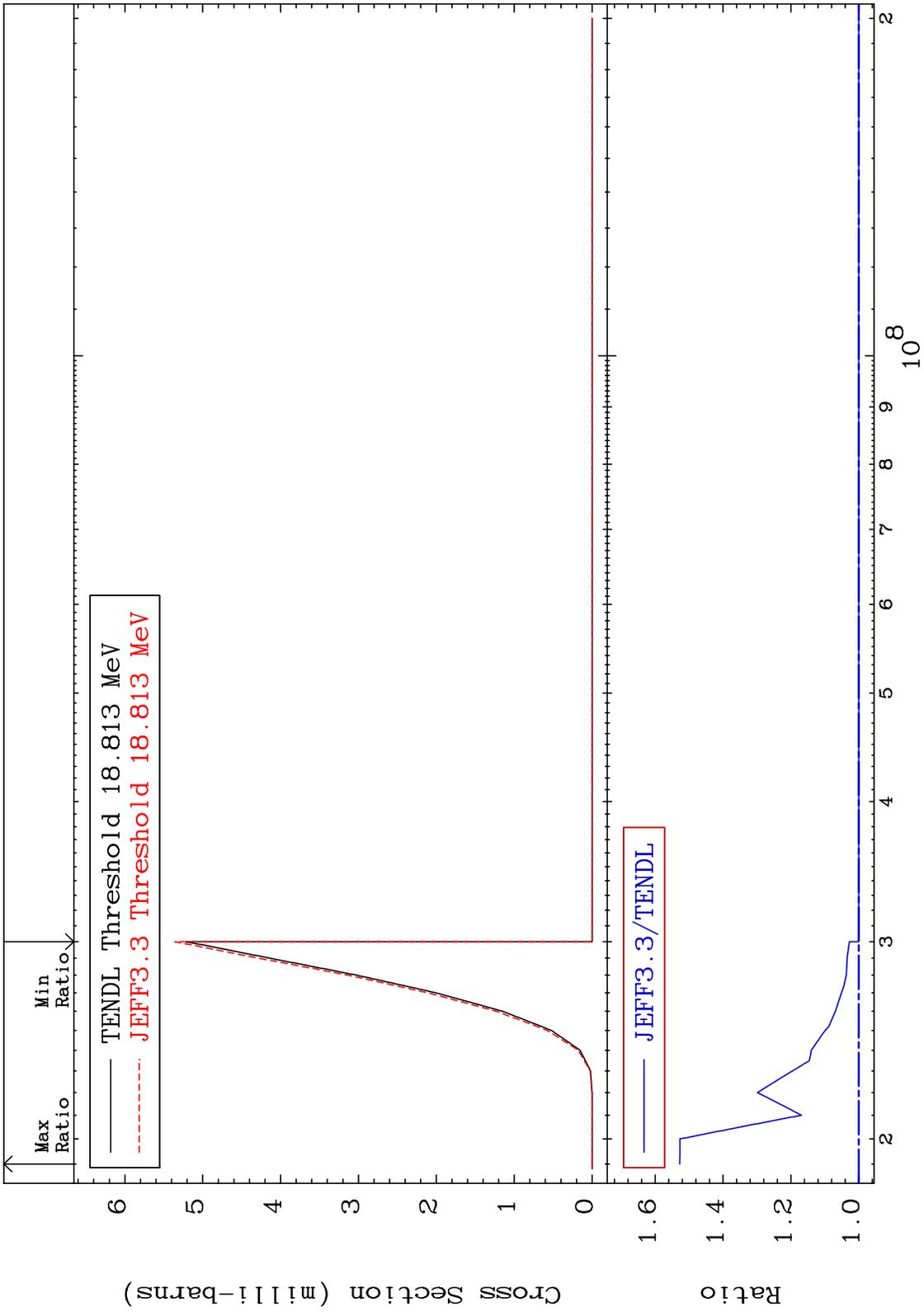


MAT 3440  $(n, n')$  d  $^{34}\text{Se-79}$   
 Cross Section To 42.70 %  
 0.000



12  $^{34}\text{Se-79}$

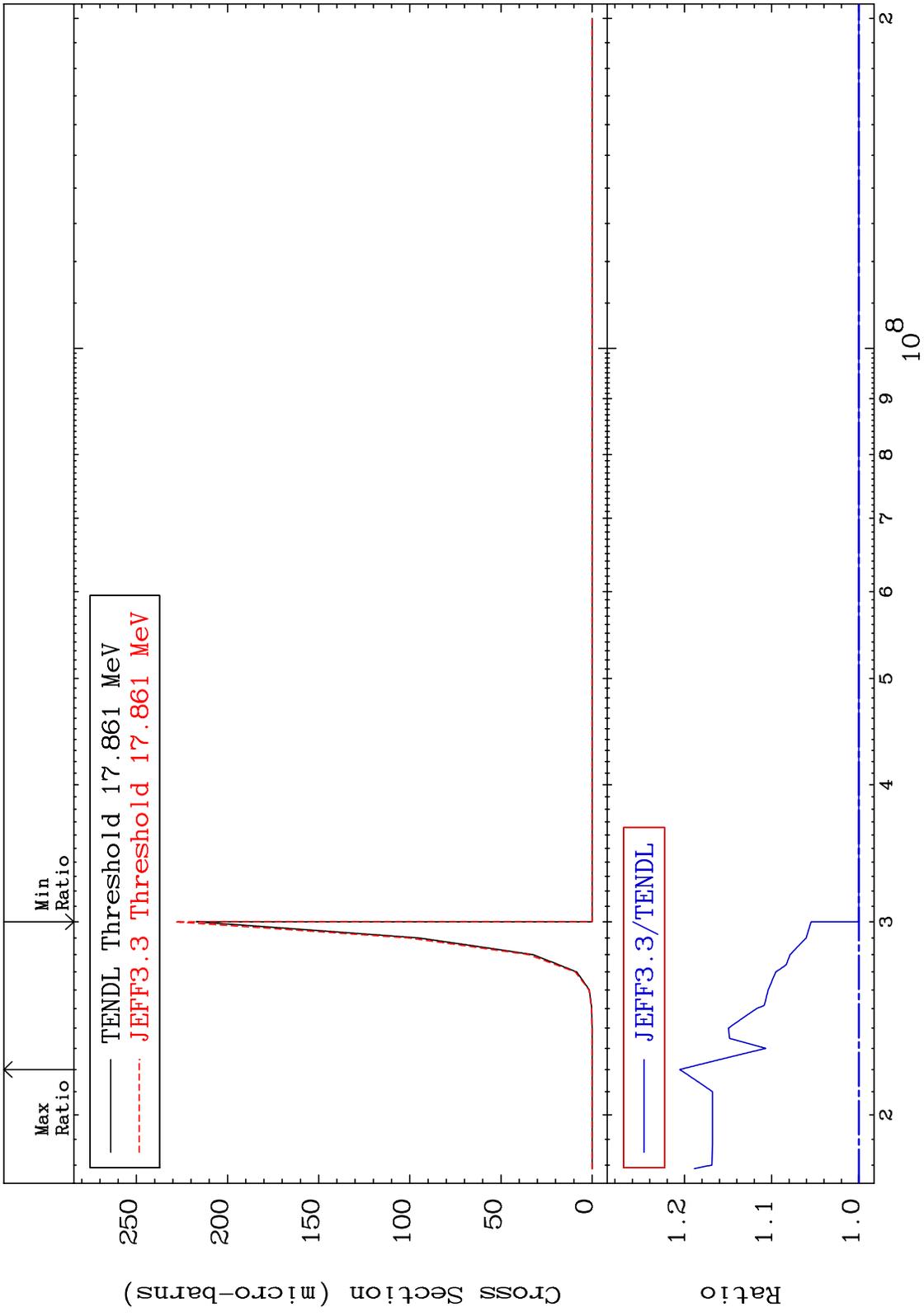
MAT 3440 (n,n') t 34-Se-79  
 Cross Section 0.000 To 52.75 %



34-Se-79

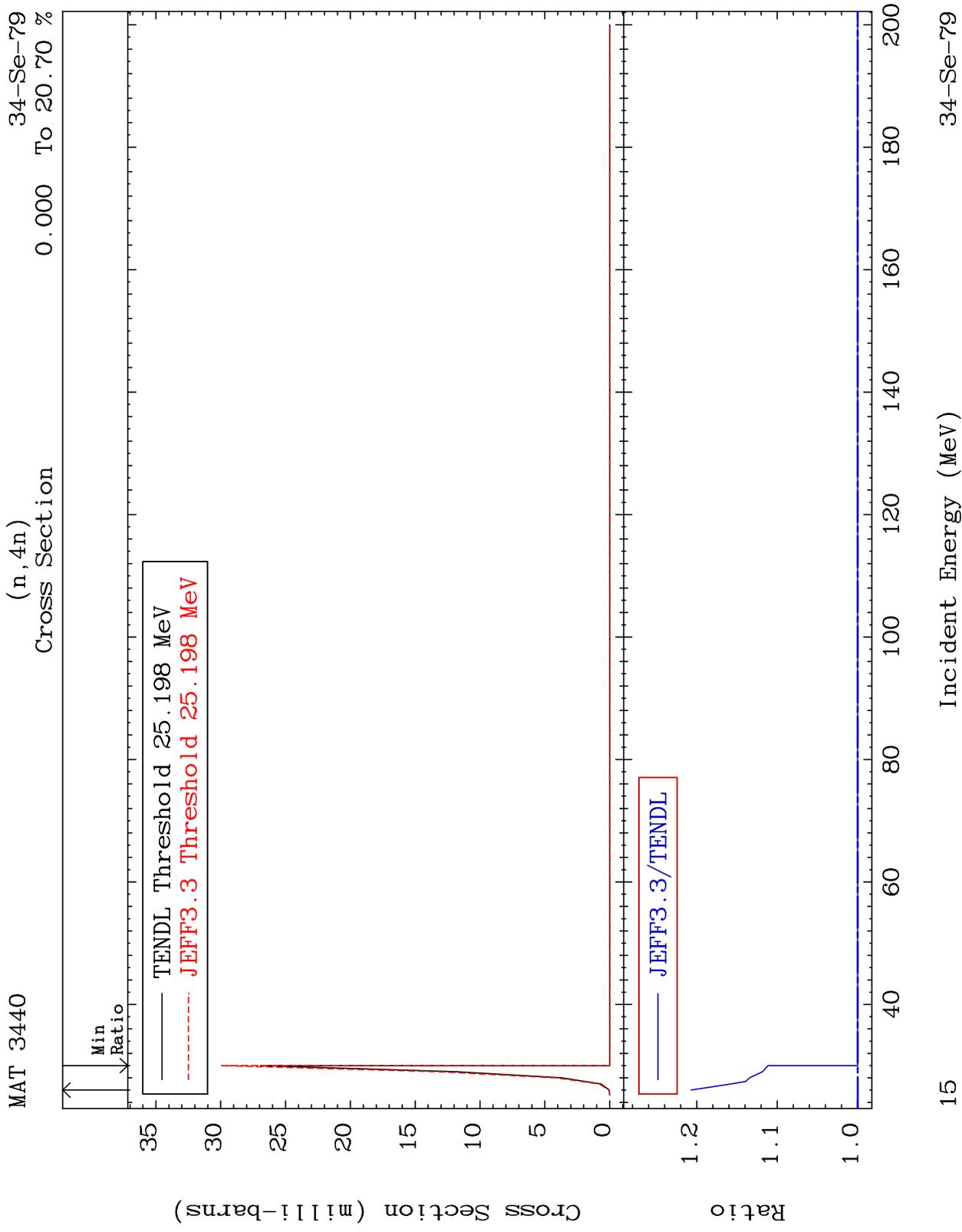
Incident Energy (eV)

MAT 3440 (n, n') He-3 34-Se-79  
 Cross Section 0.000 To 20.55 %

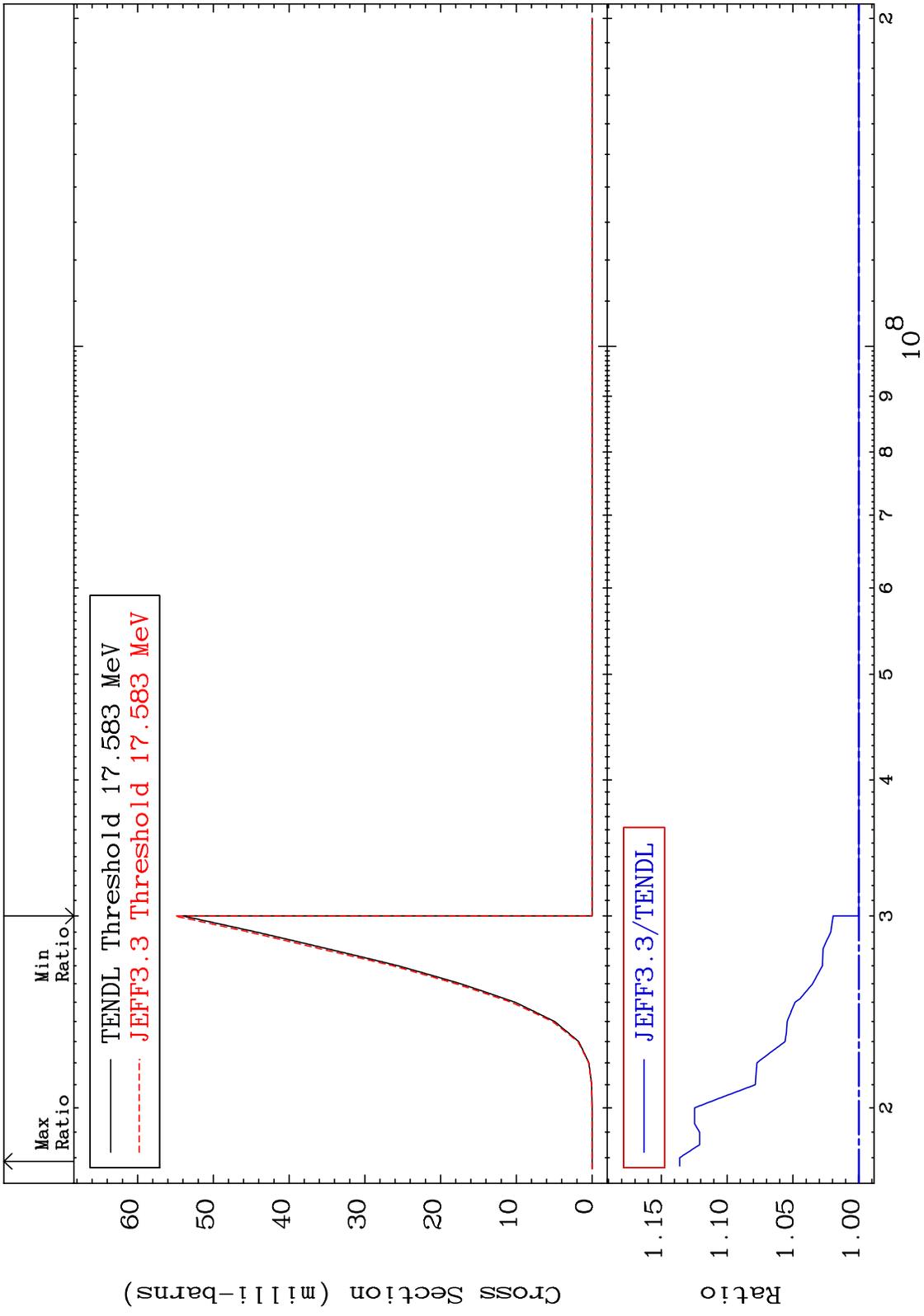


34-Se-79

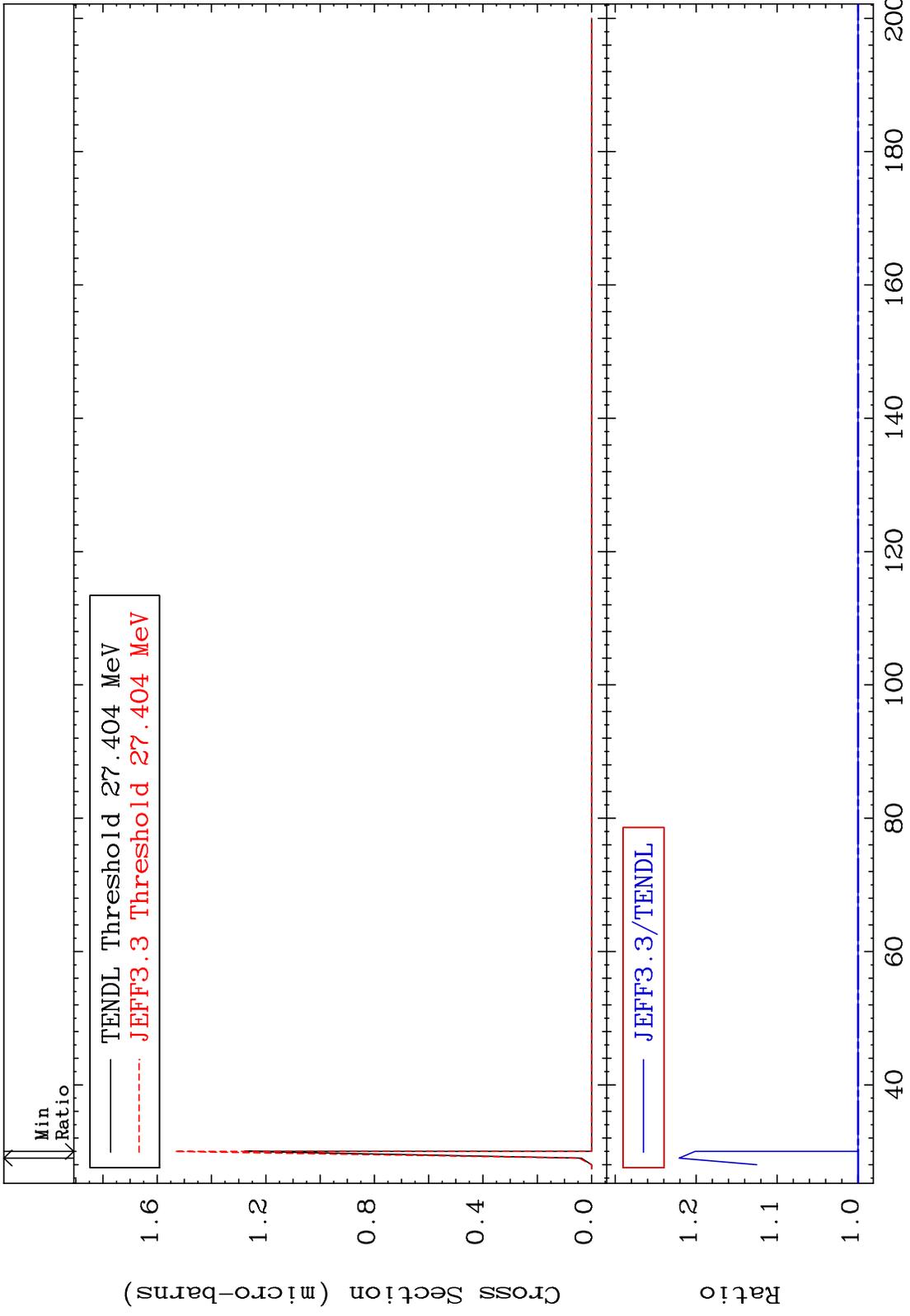
Incident Energy (eV)



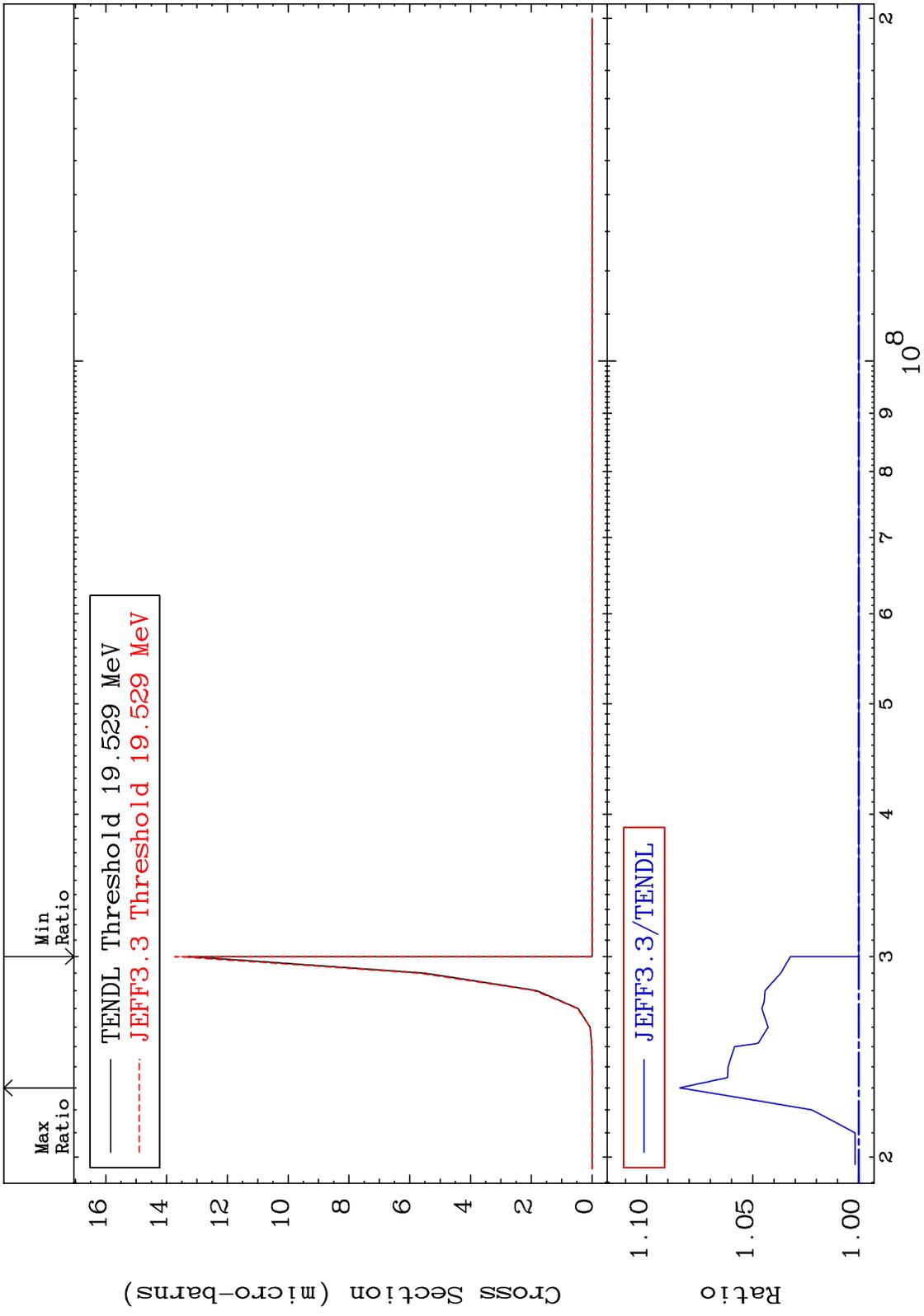
MAT 3440 (n,2n) p 34-Se-79  
 Cross Section 0.000 To 13.60 %



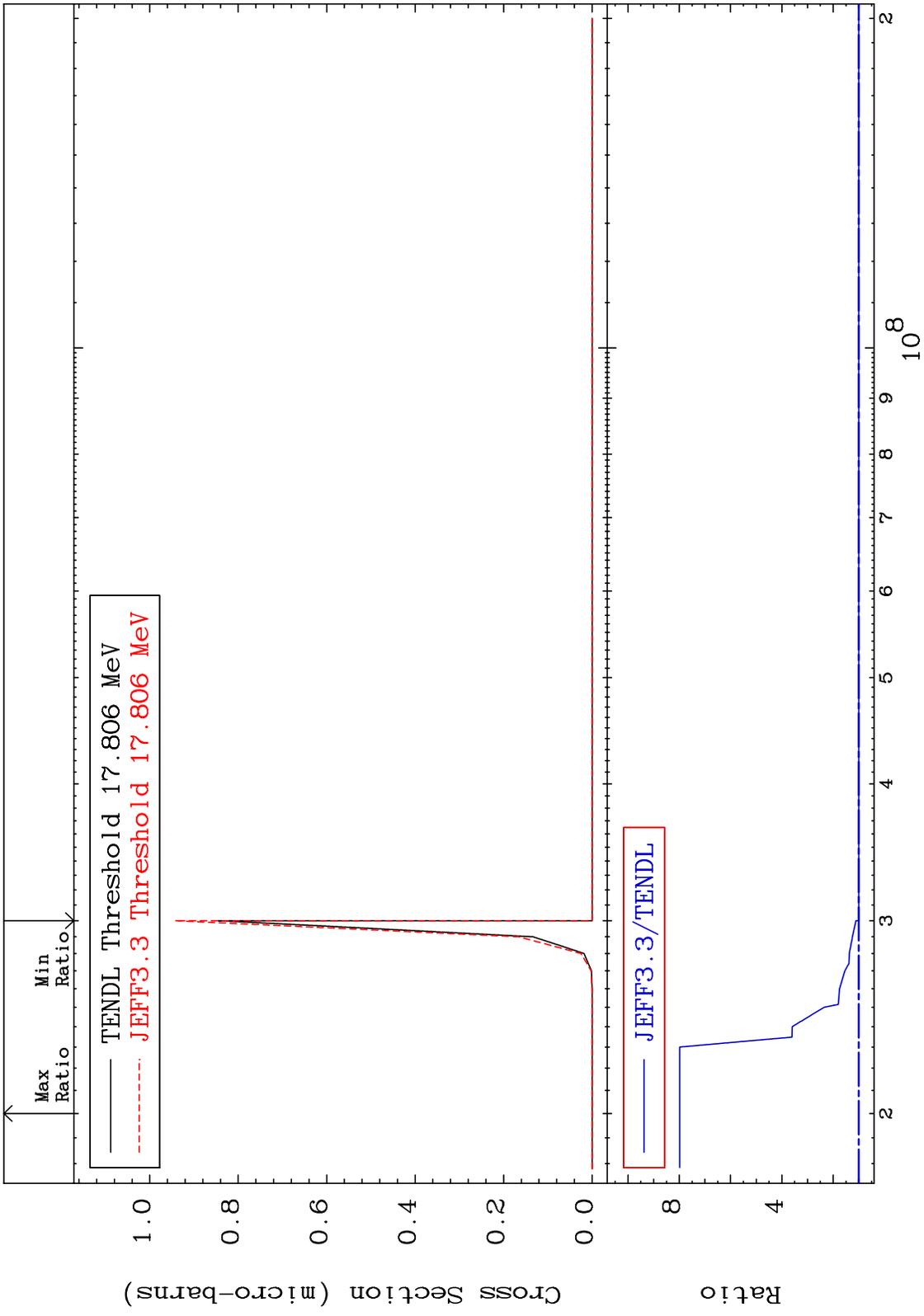
MAT 3440 (n,3n) p 34-Se-79  
Cross Section 0.000 To 22.10 %



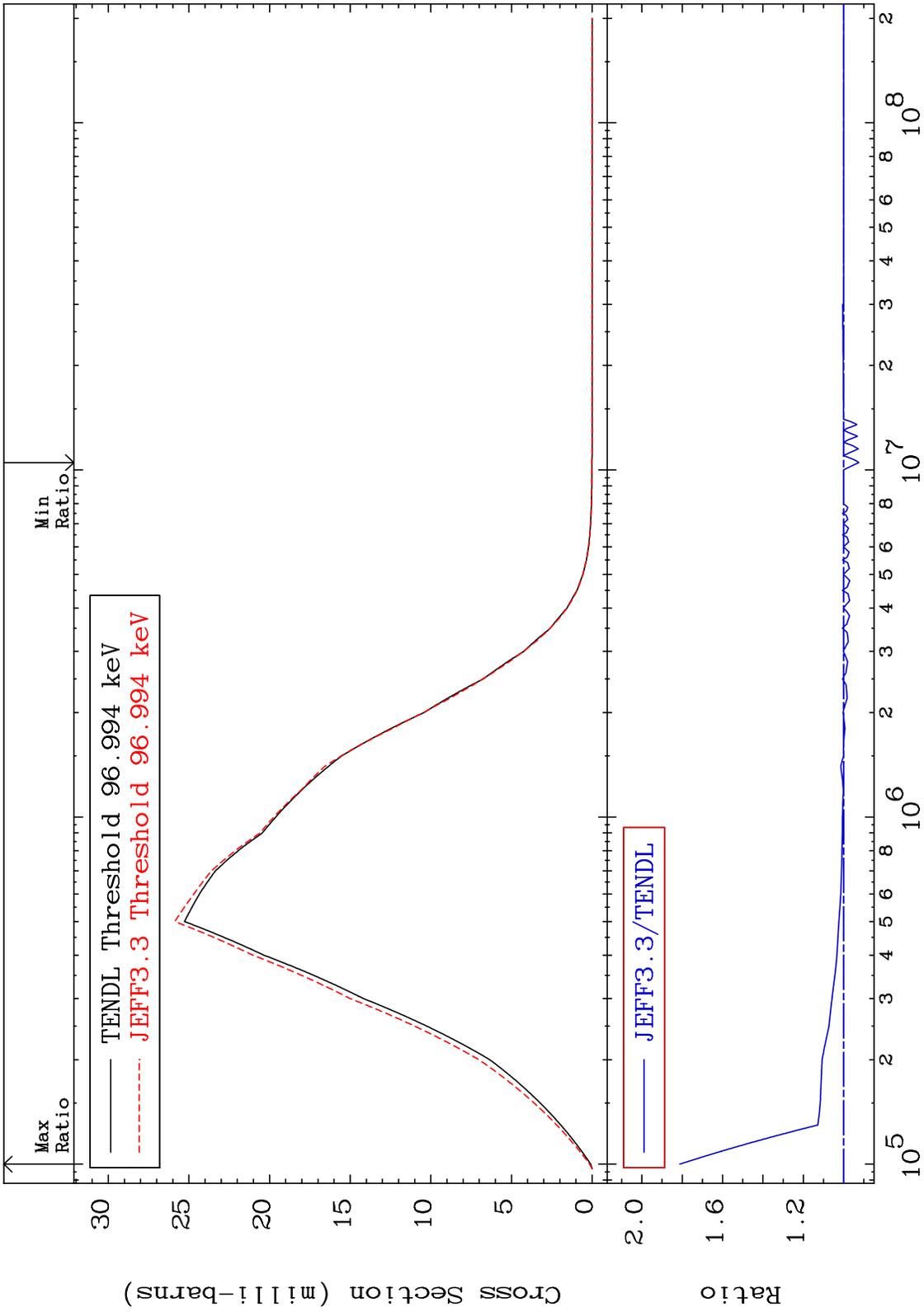
MAT 3440 (n,2n) p 34-Se-79  
Cross Section 0.000 To 8.443 %



34-Se-79

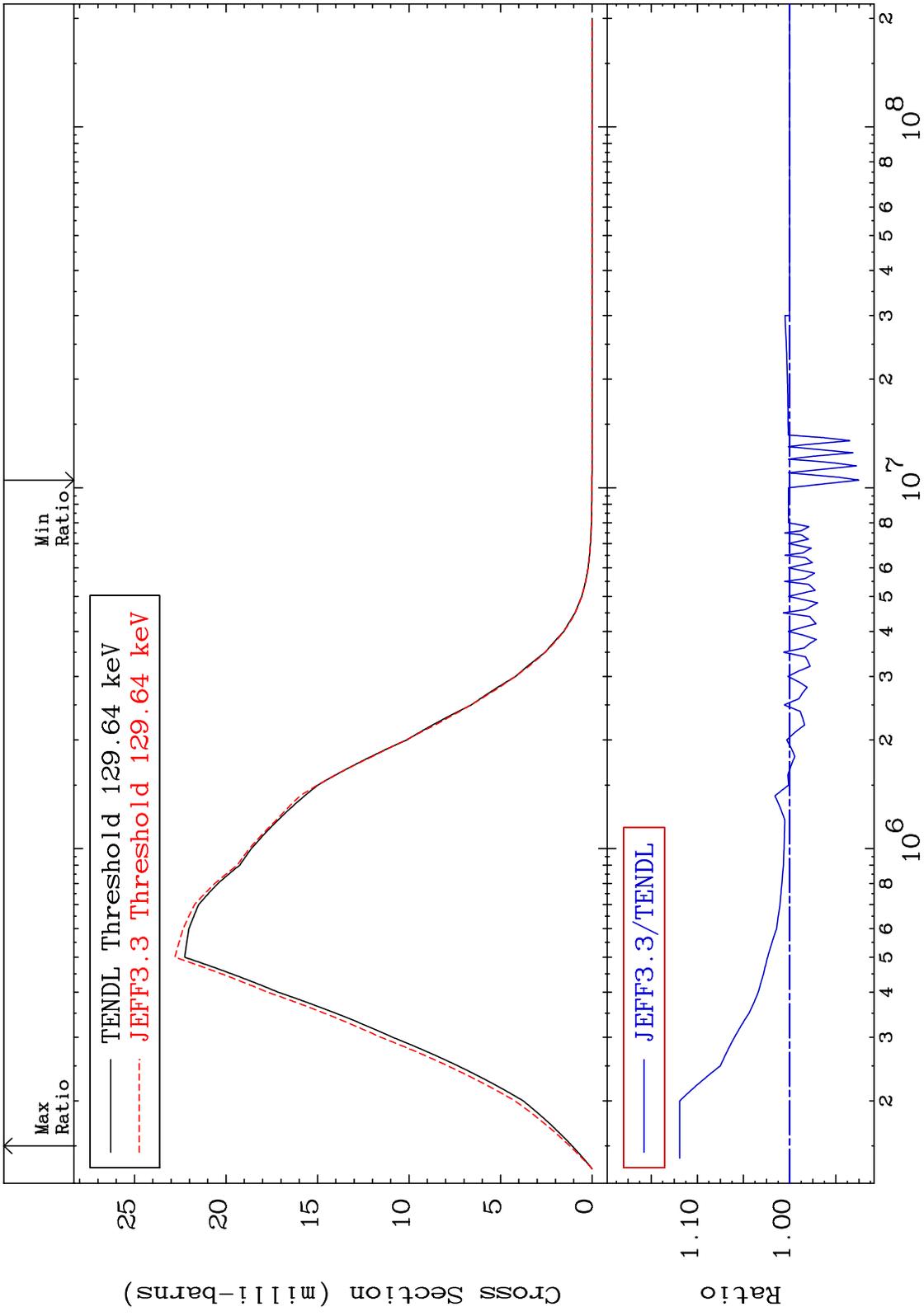


MAT 3440 MT= 51 (n,n') Level Cross Section 34-Se-79  
-7.495 To 81.23 %

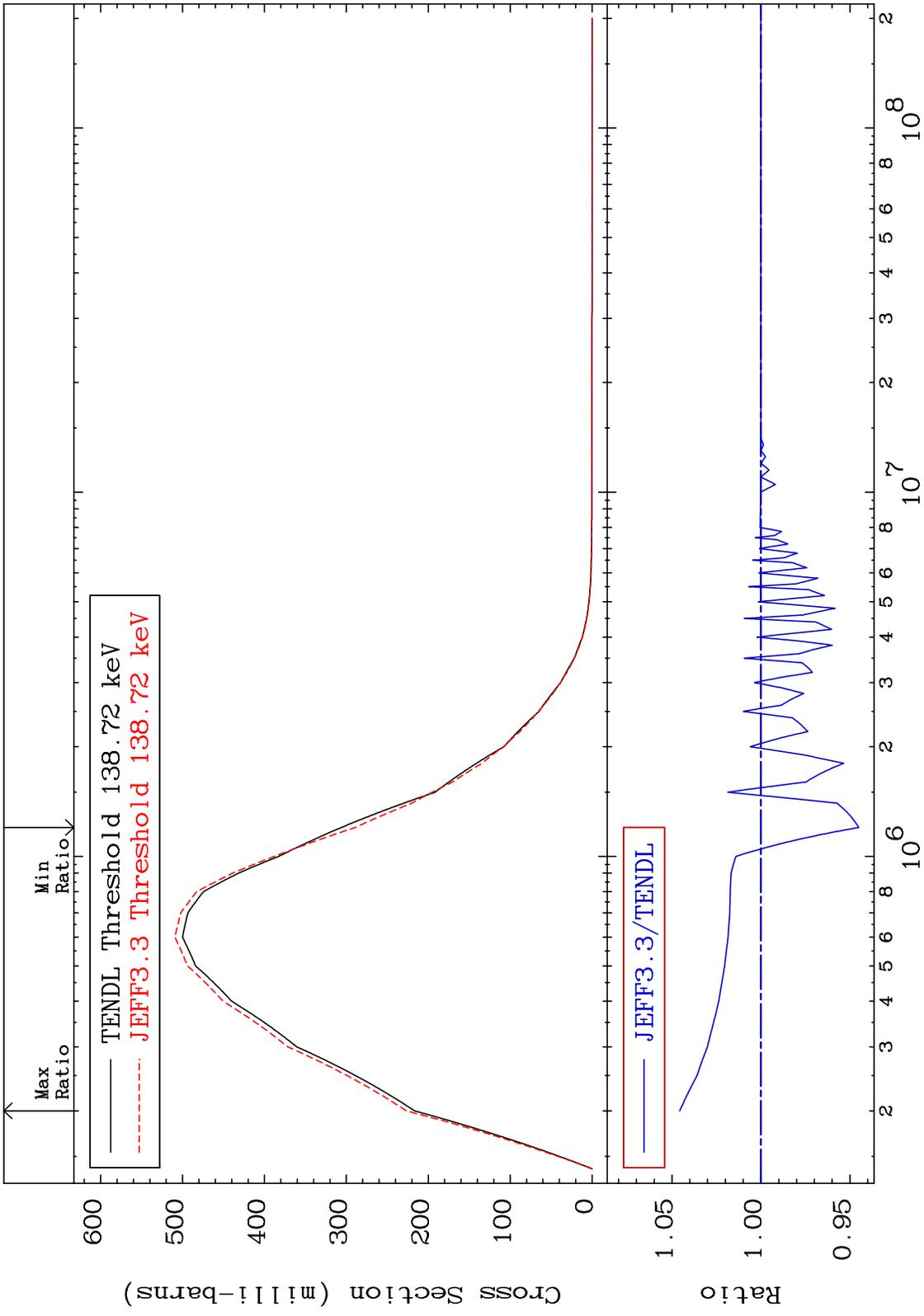


20 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup> 20 34-Se-79

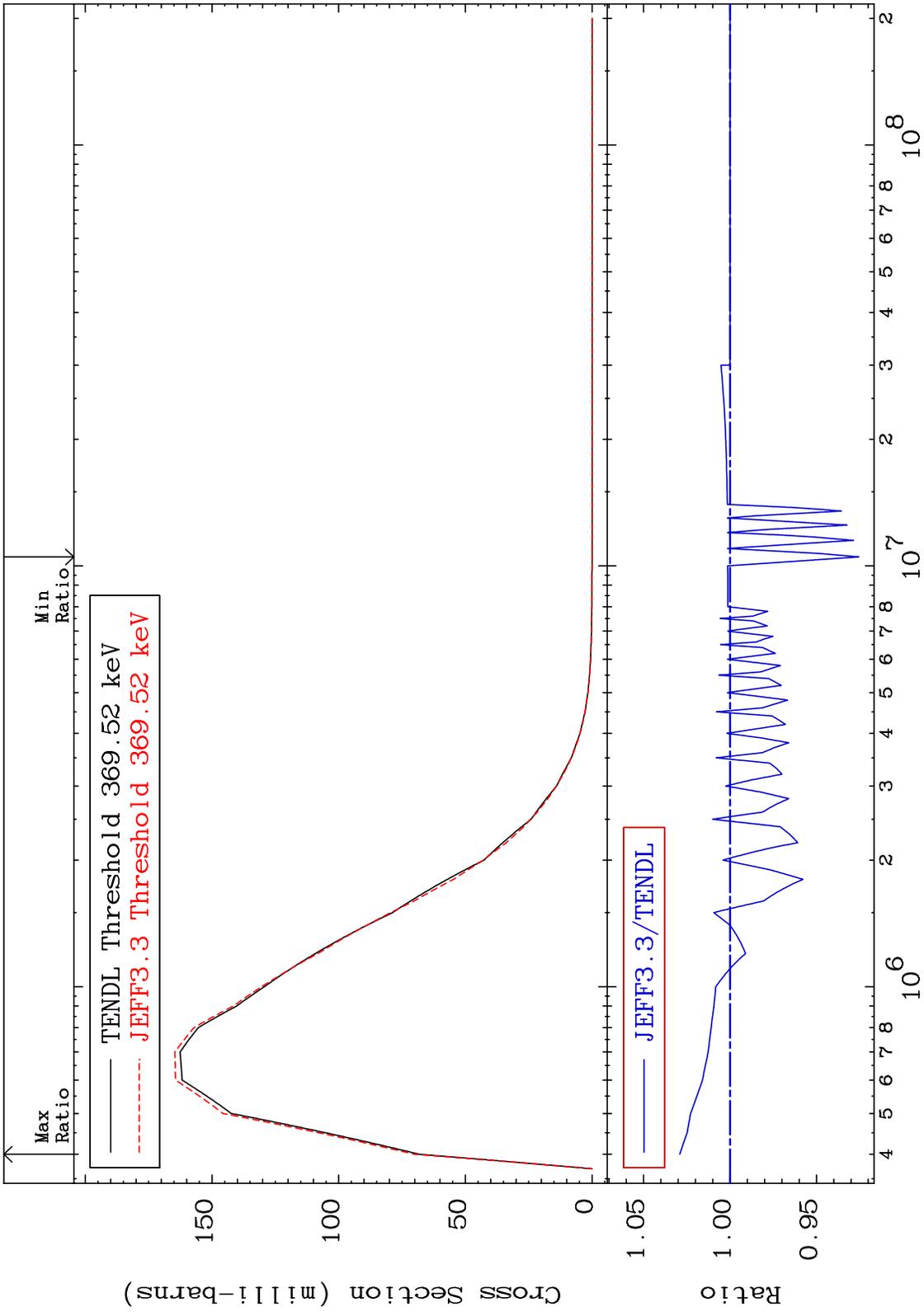
MAT 3440 MT= 52 (n,n') Level Cross Section -7.487 To 11.90 % 34-Se-79



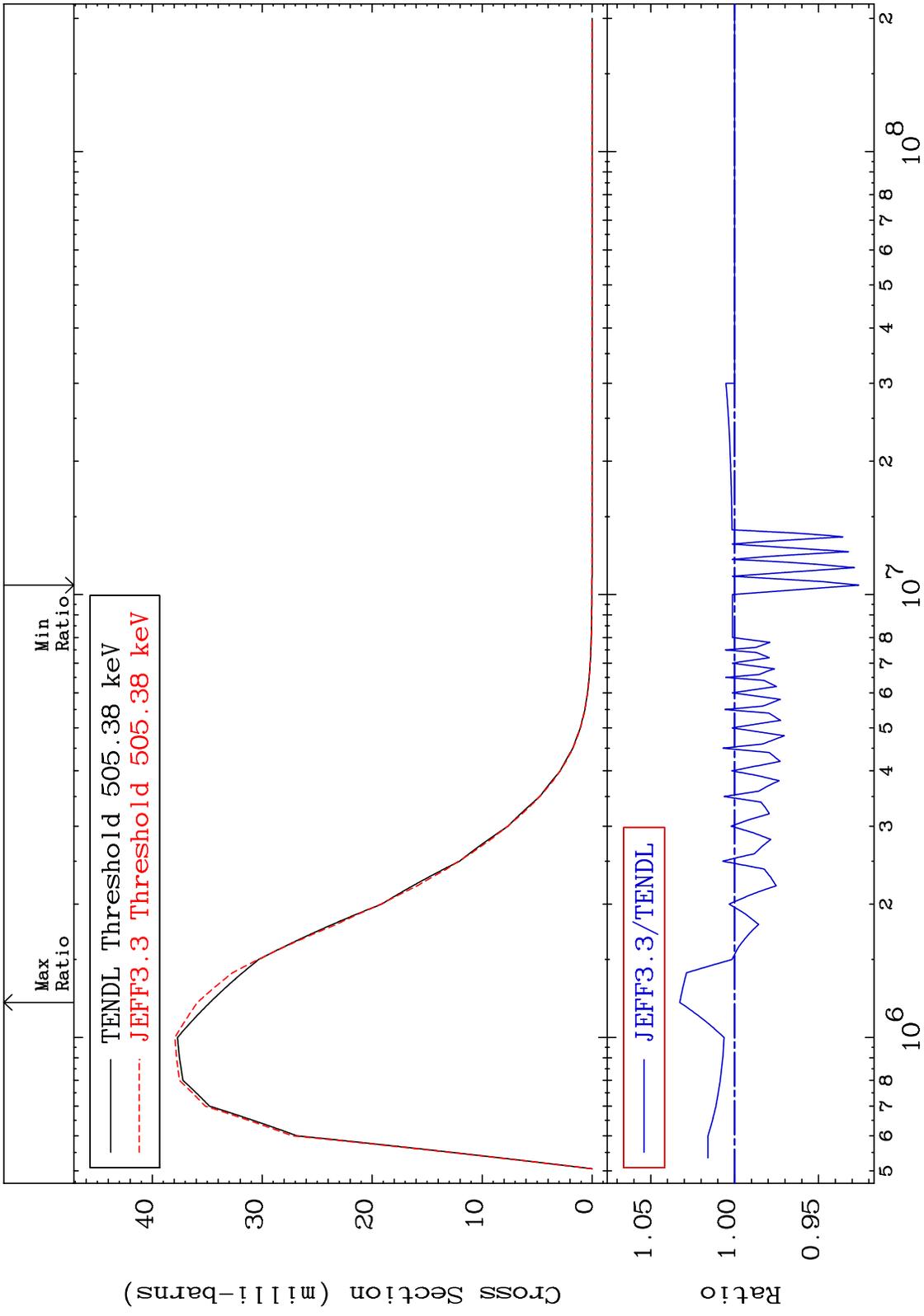
MAT 3440 MT= 53 (n,n') Level Cross Section -5.498 To 4.564 % 34-Se-79



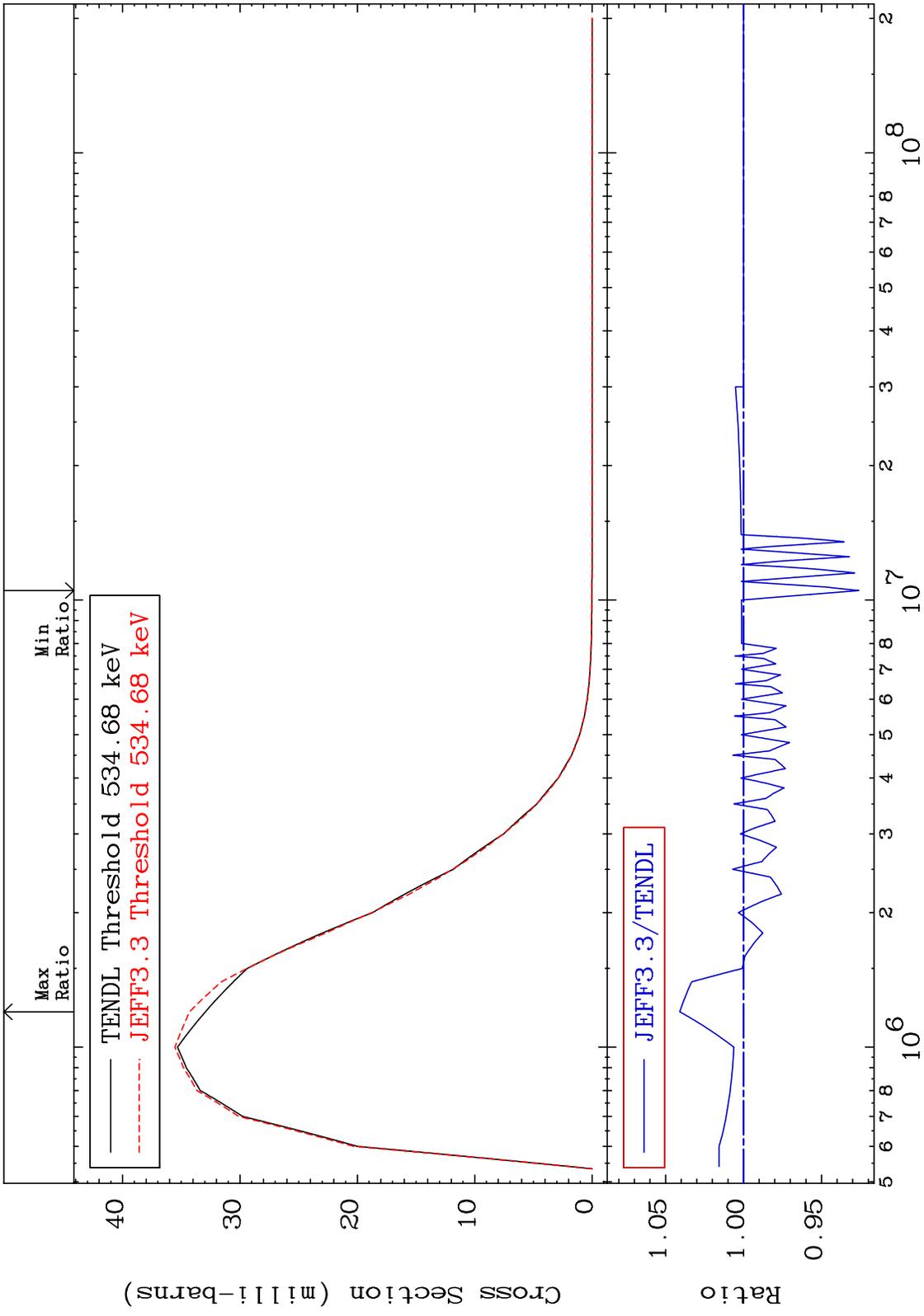
MAT 3440 MT= 54 (n,n') Level Cross Section -7.452 To 2.906 % 34-Se-79



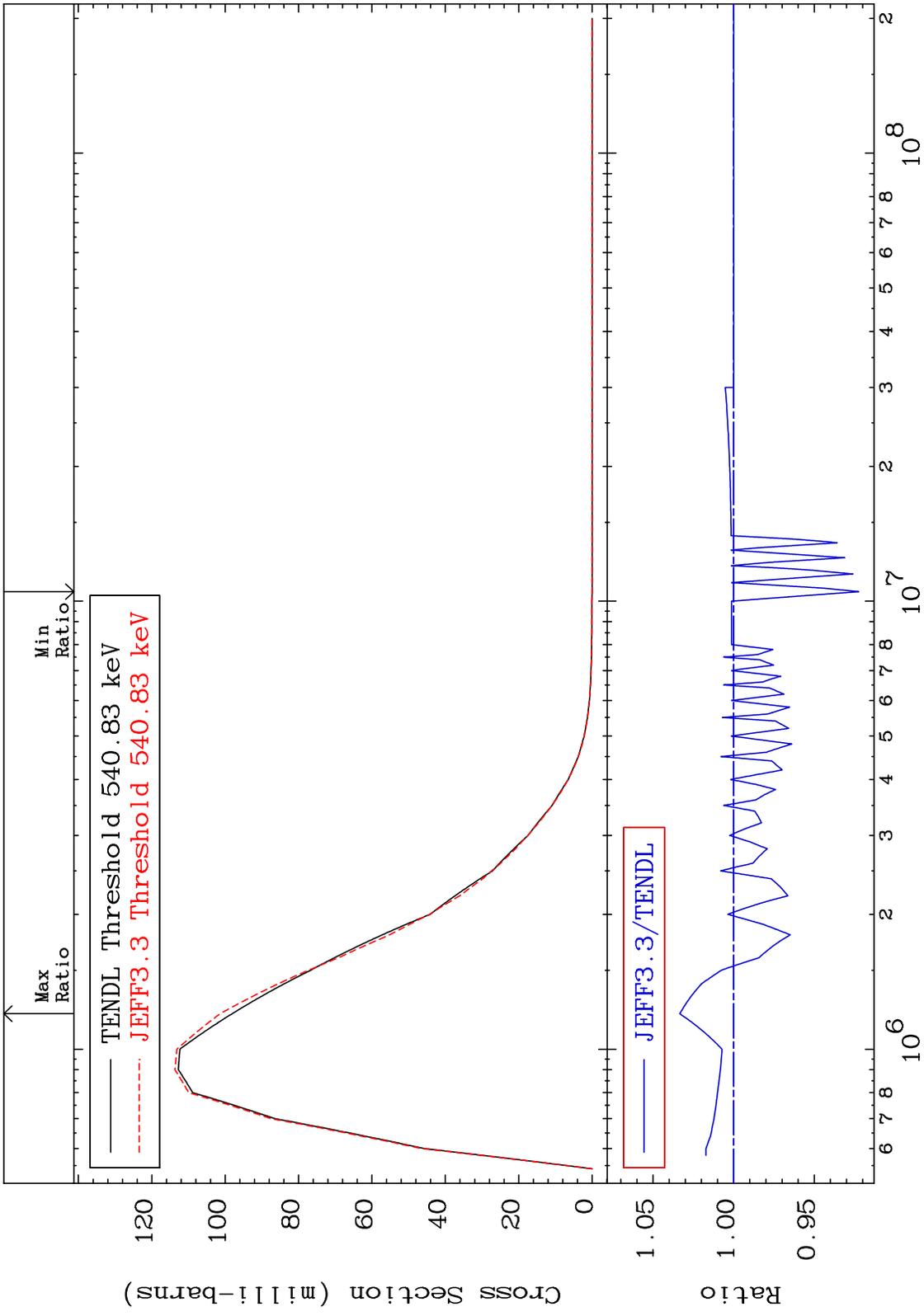
MAT 3440 MT= 55 (n,n') Level Cross Section -7.400 To 3.269 % 34-Se-79



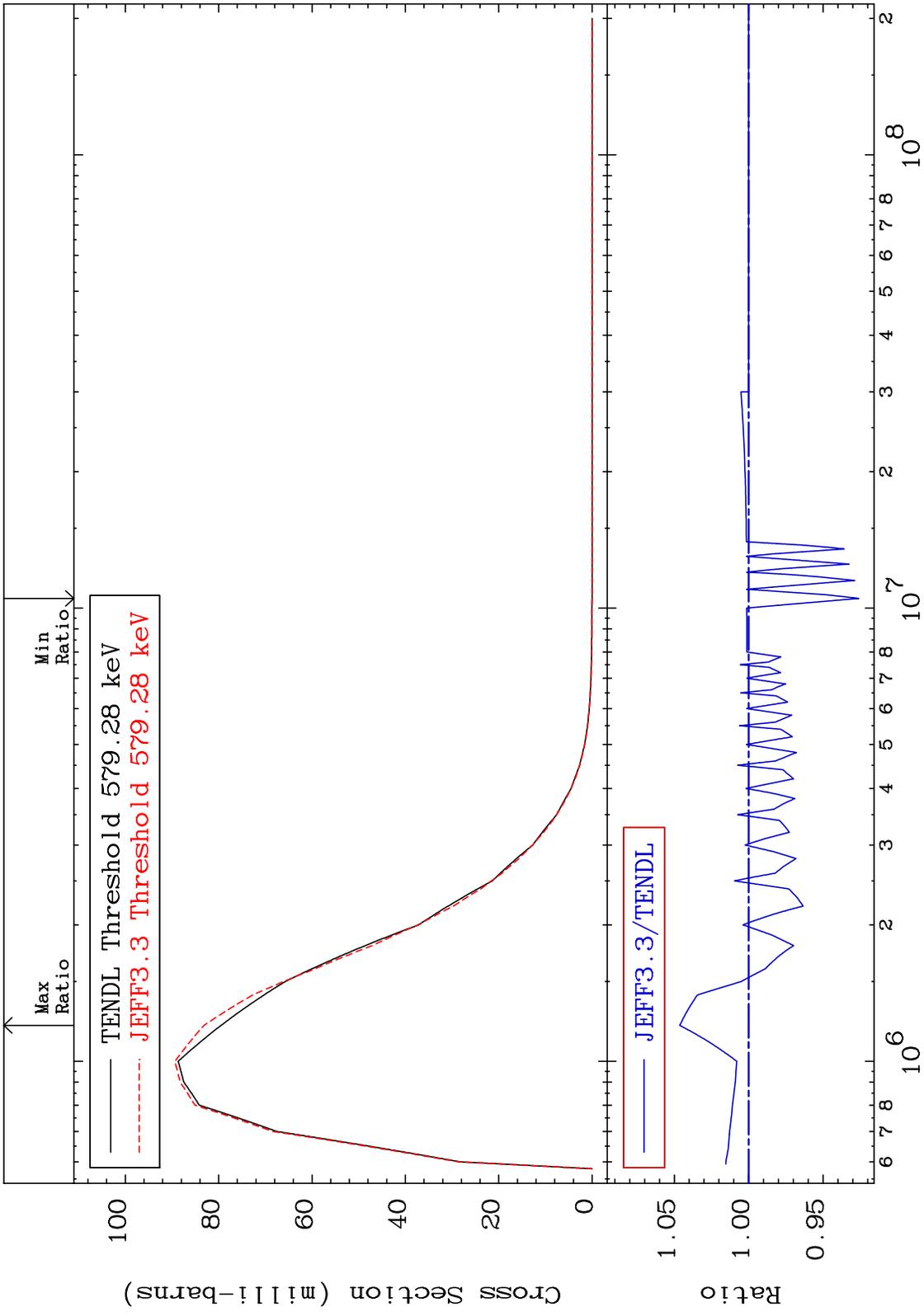
MAT 3440 MT= 56 (n,n') Level Cross Section -7.392 To 4.093 % 34-Se-79



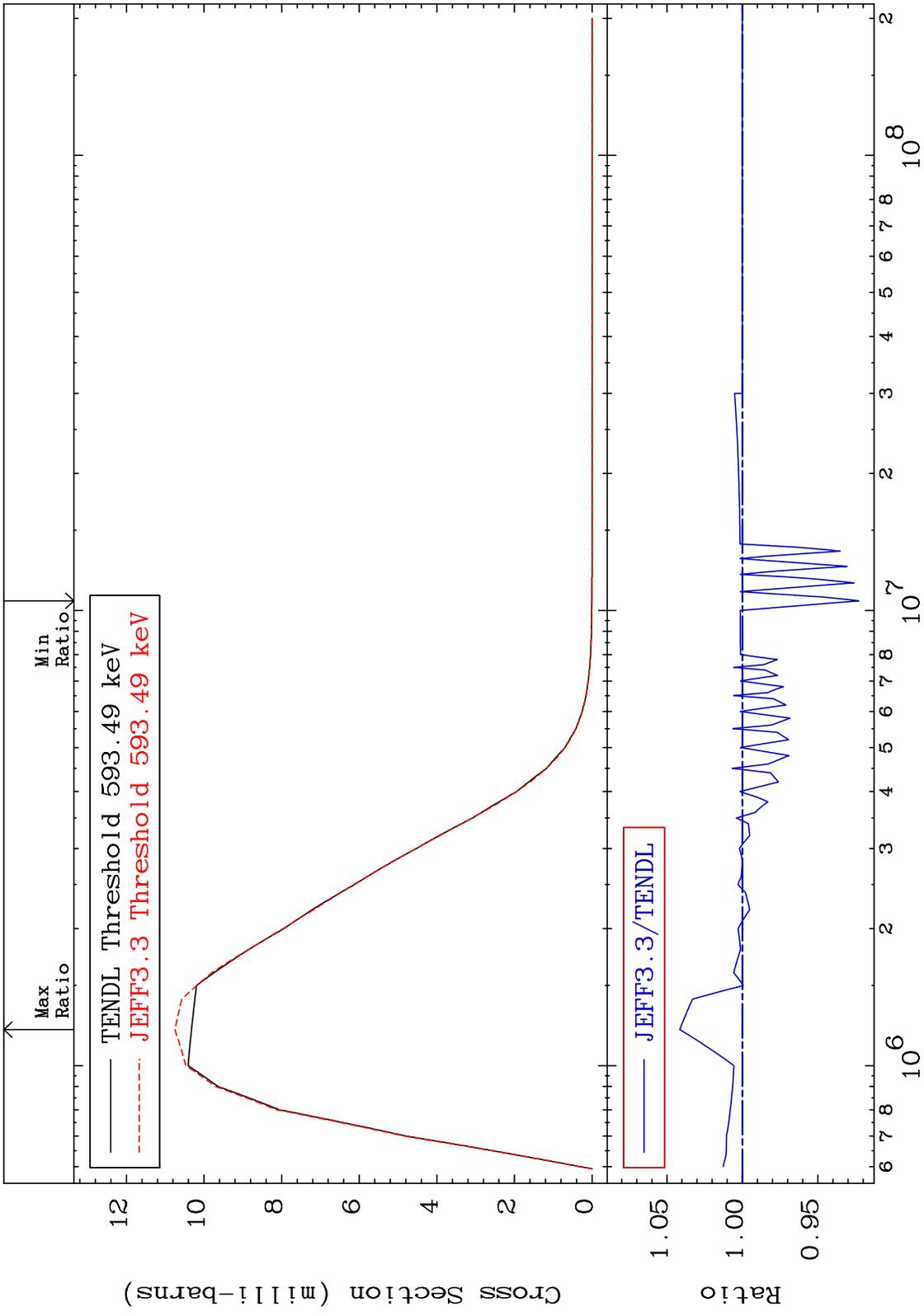
MAT 3440 MT= 57 (n,n') Level Cross Section -7.762 To 3.344 % 34-Se-79



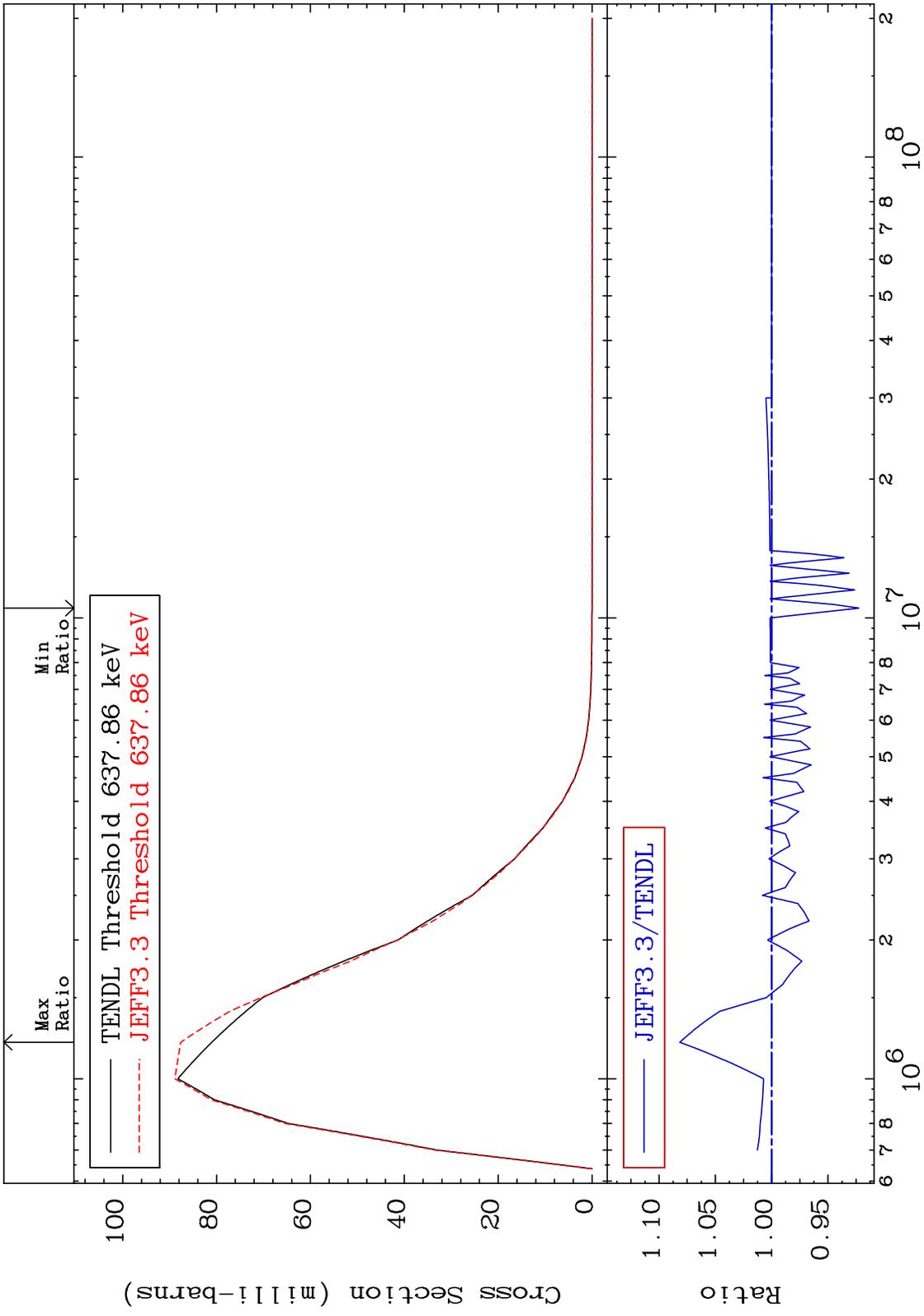
MAT 3440 MT= 58 (n,n') Level Cross Section -7.398 To 4.635 % 34-Se-79



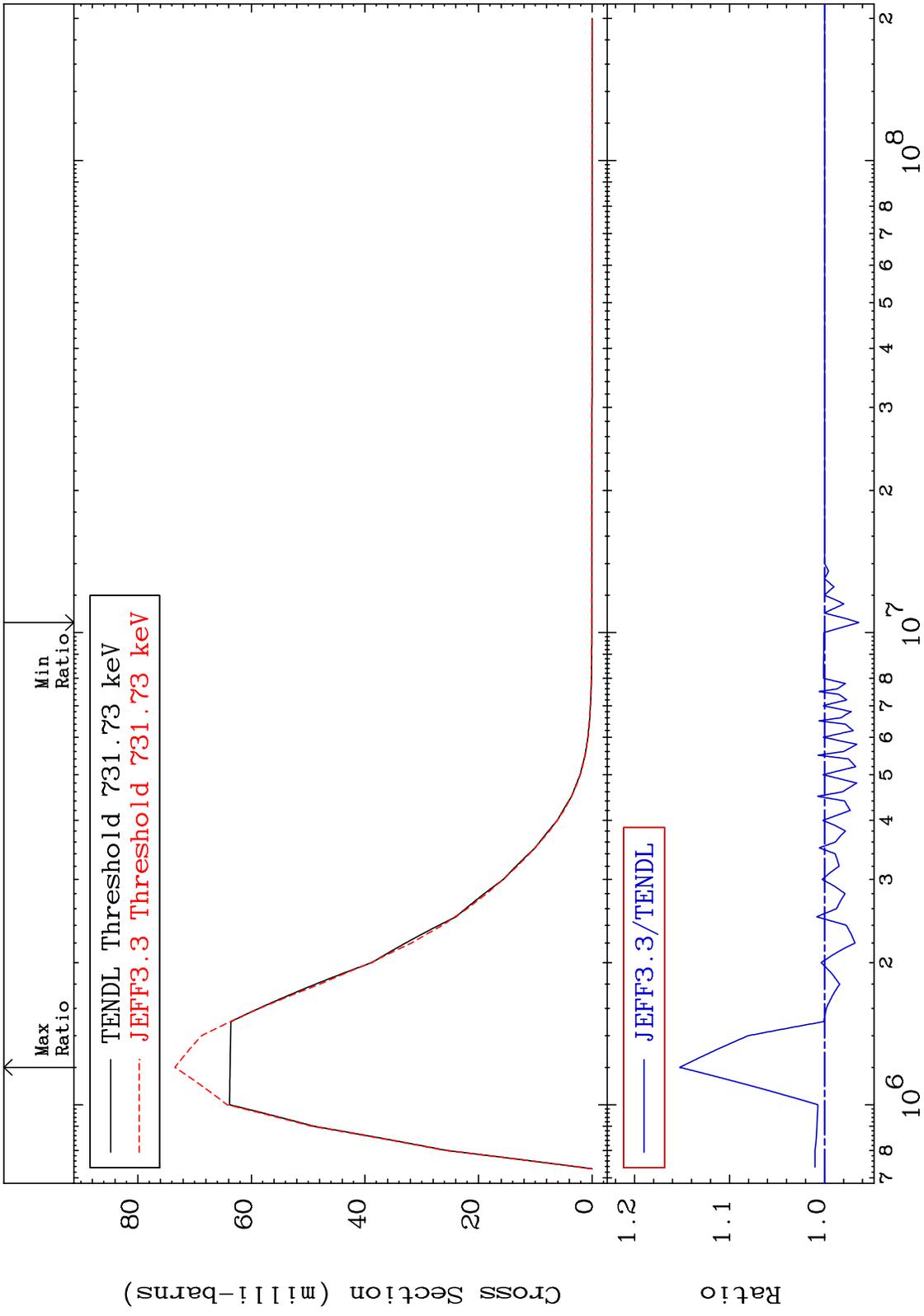
MAT 3440 MT= 59 (n,n') Level Cross Section -7.717 To 4.148 % 34-Se-79



MAT 3440 MT= 60 (n,n') Level Cross Section -7.740 To 8.164 % 34-Se-79

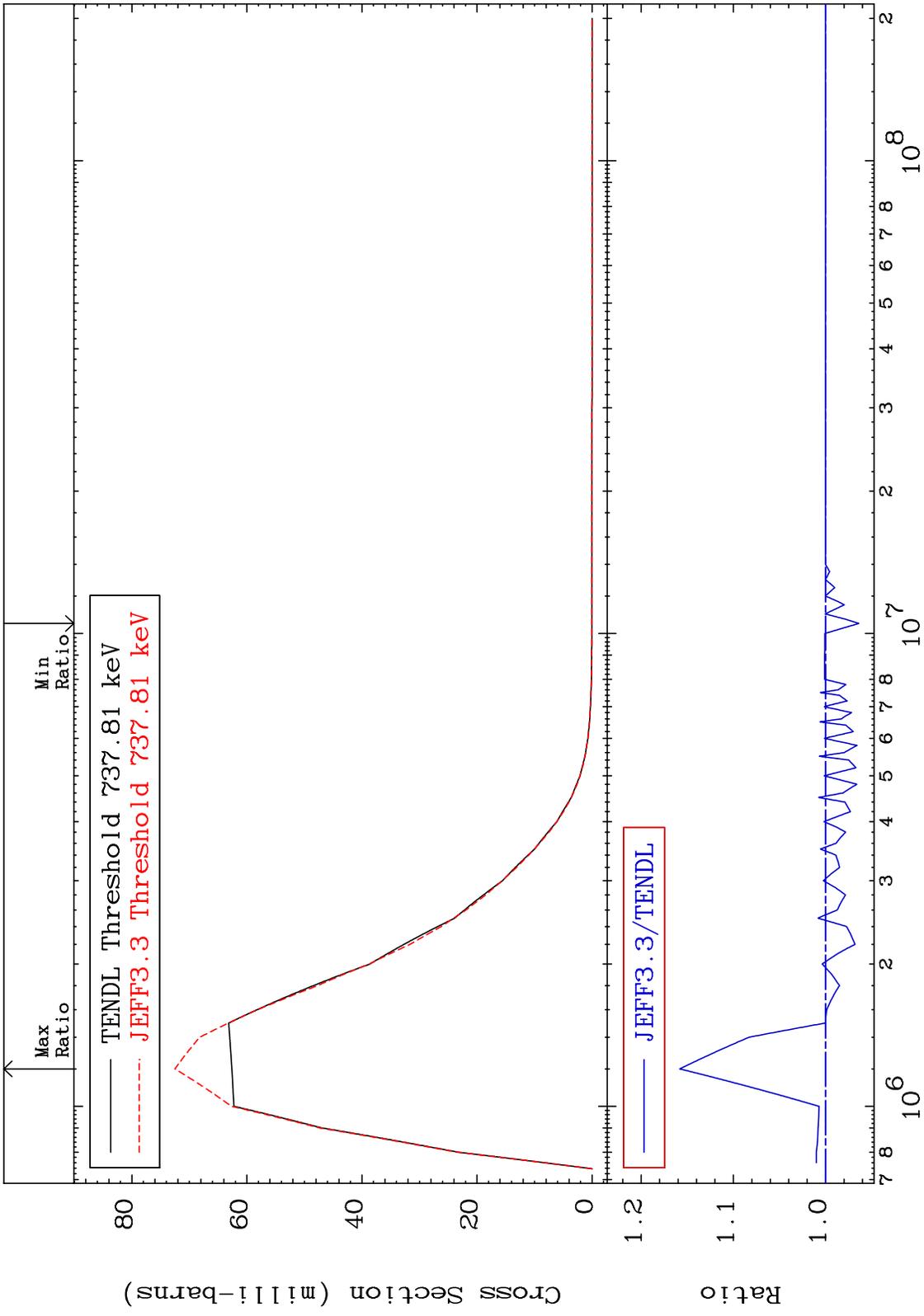


MAT 3440 MT= 61 (n,n') Level Cross Section -3.603 To 15.24 % 34-Se-79

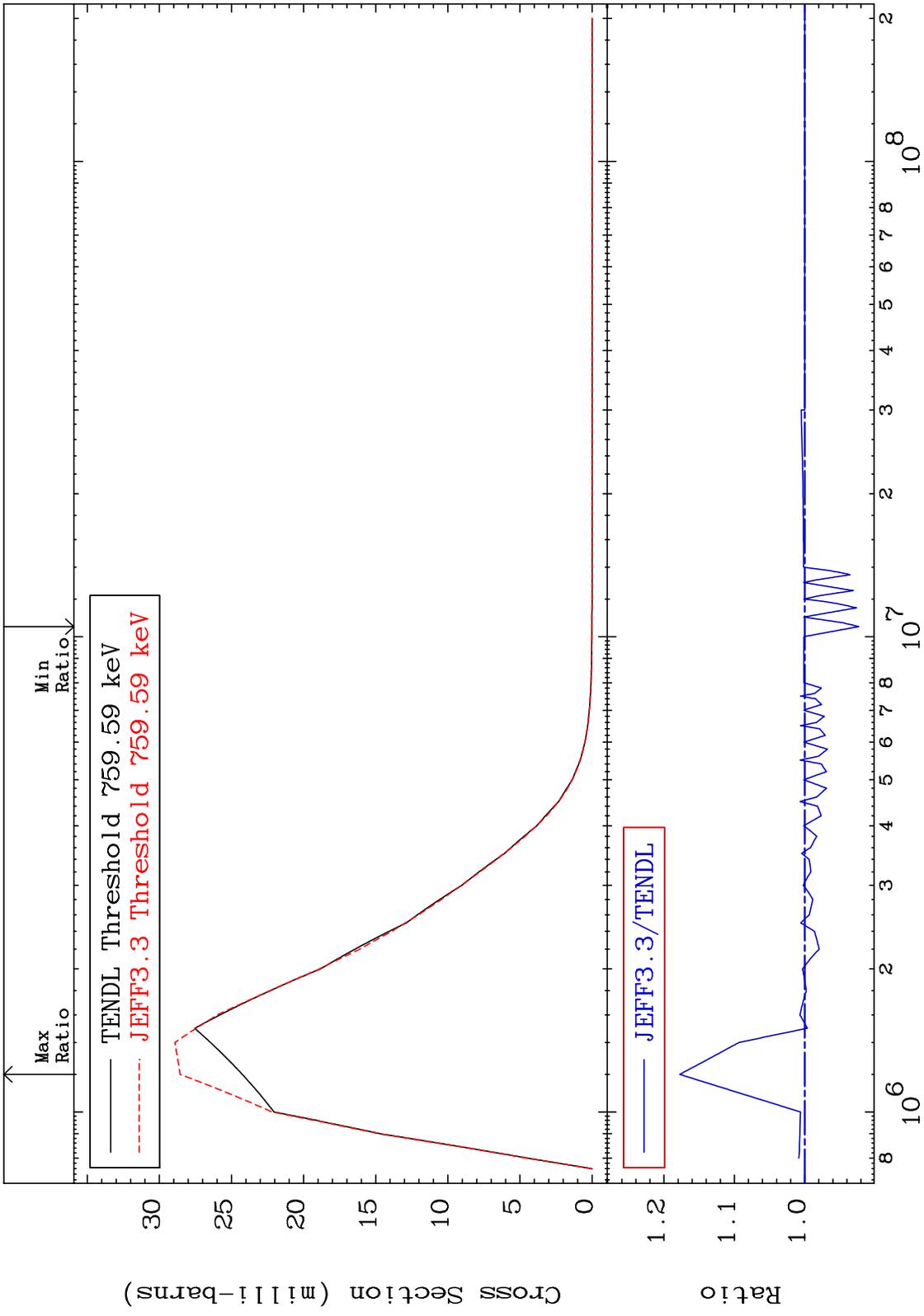


30 Incident Energy (eV) 34-Se-79

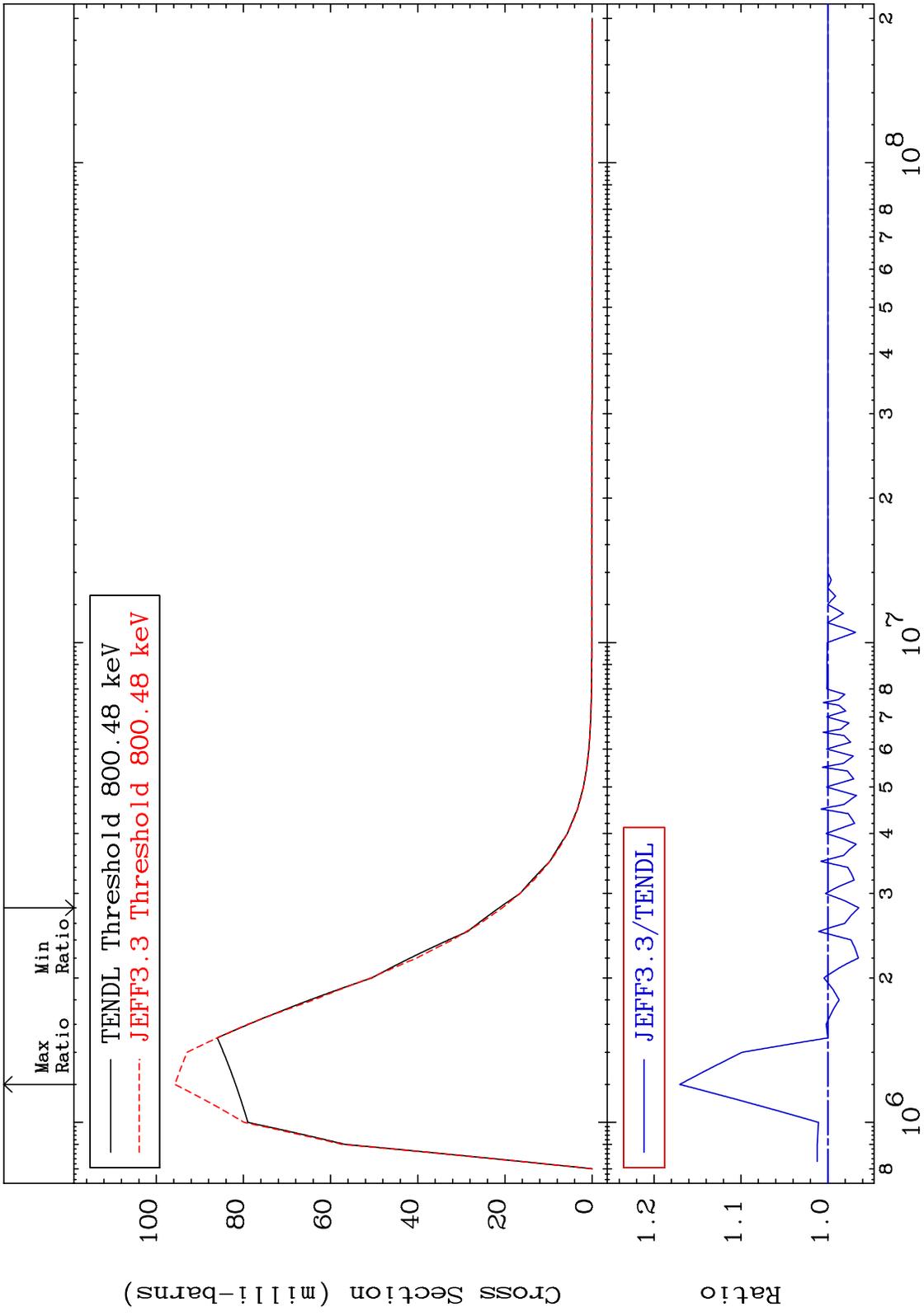
MAT 3440 MT= 62 (n,n') Level Cross Section -3.602 To 15.82 % 34-Se-79



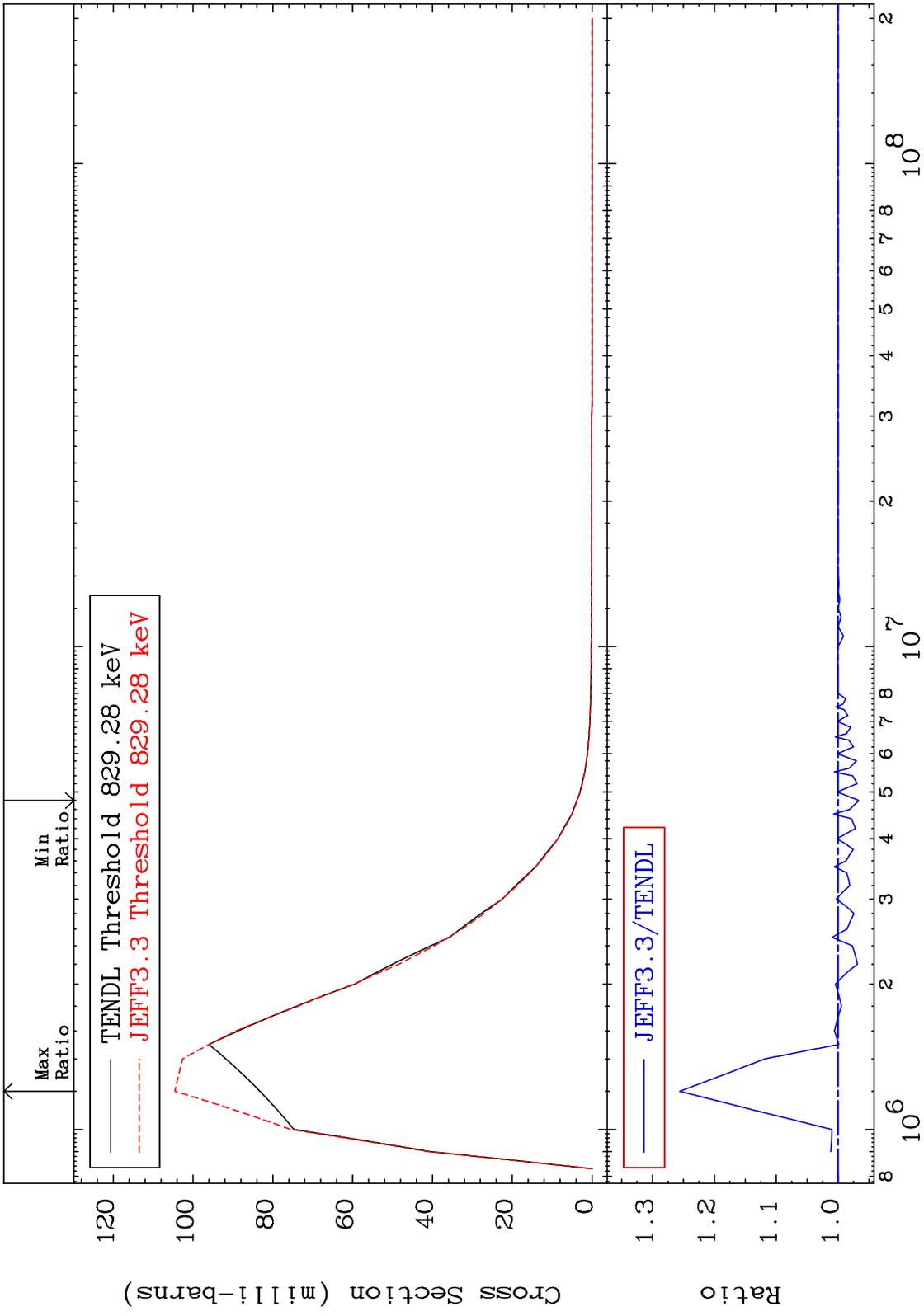
MAT 3440 MT= 63 (n,n') Level Cross Section 34-Se-79  
 -7.688 To 17.76 %



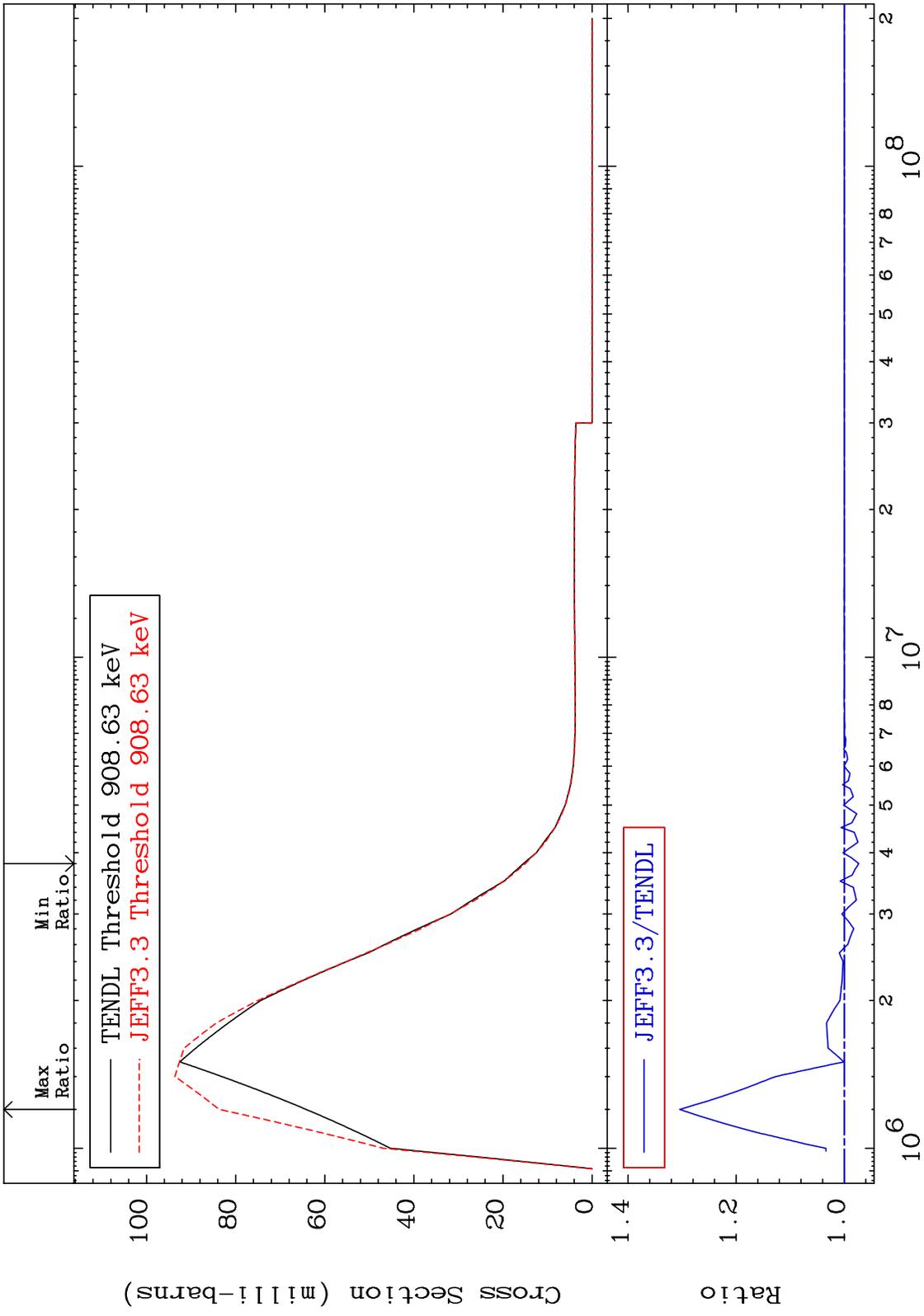
MAT 3440 MT= 64 (n,n') Level Cross Section 34-Se-79  
 -3.560 To 17.04 %



MAT 3440 MT= 65 (n,n') Level Cross Section -3.343 To 25.60 % 34-Se-79

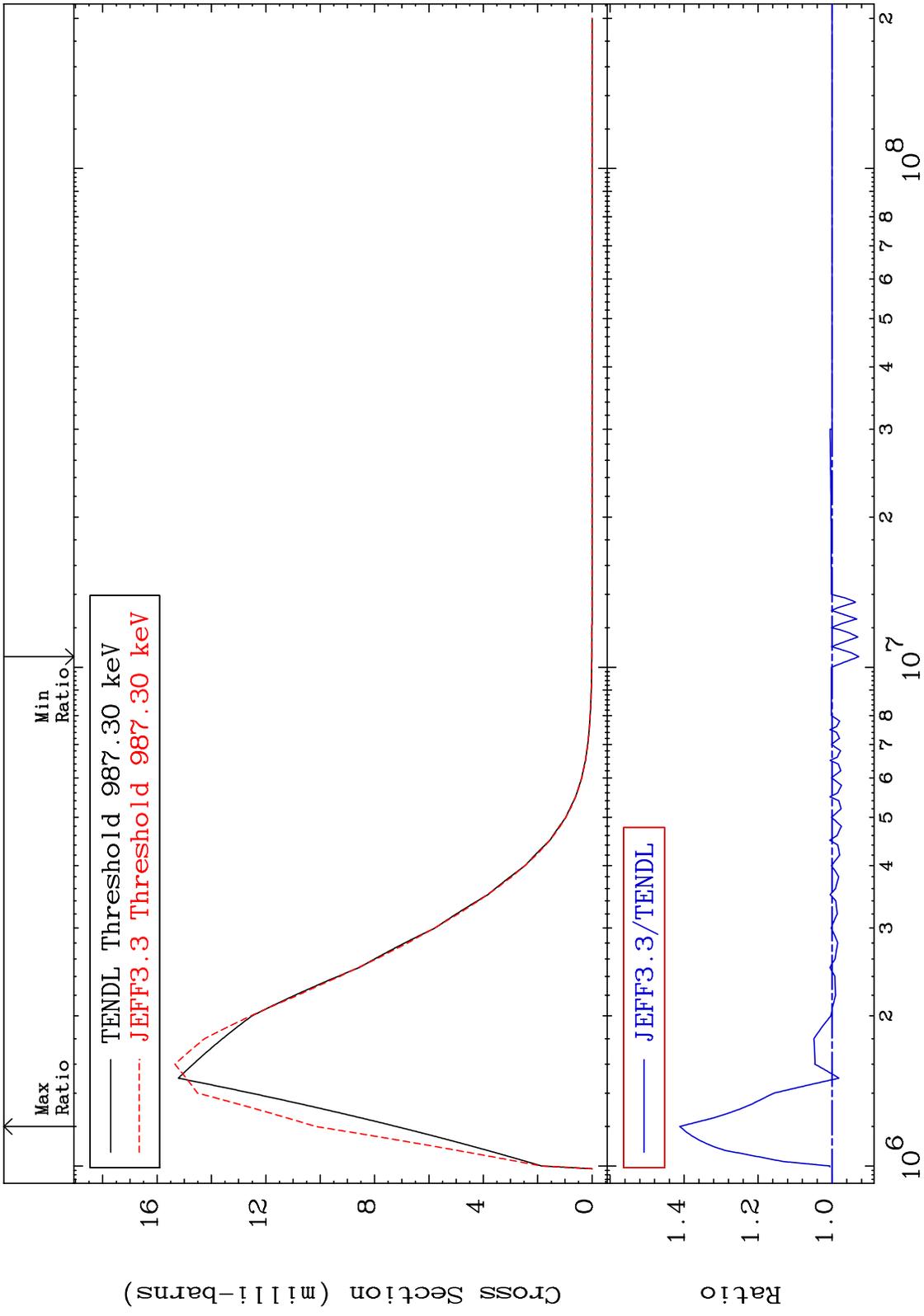


MAT 3440 MT= 66 (n,n') Level Cross Section -2.700 To 30.44 % 34-Se-79



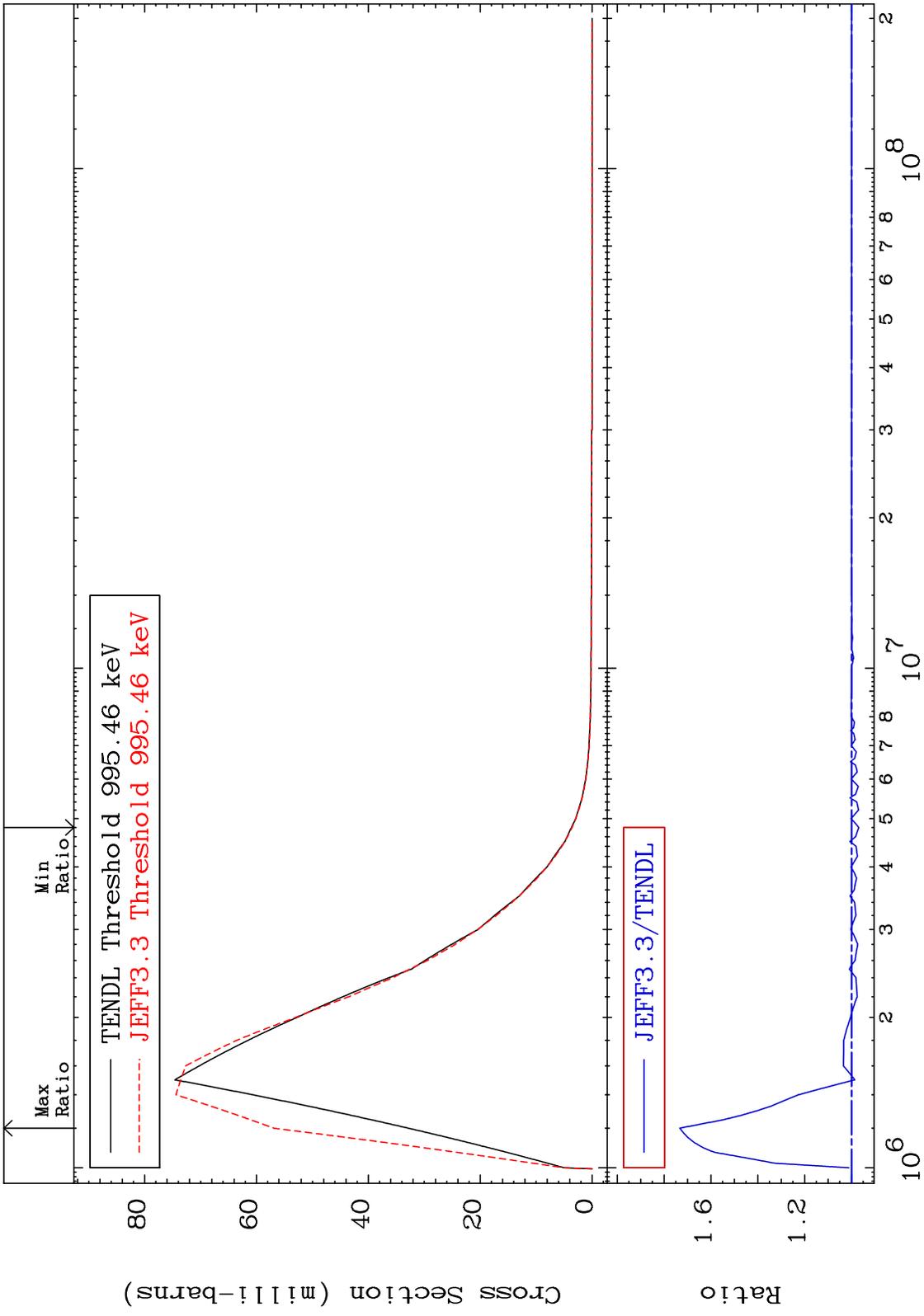
35 34-Se-79

MAT 3440 MT= 67 (n,n') Level Cross Section 34-Se-79  
 -7.267 To 41.17 %



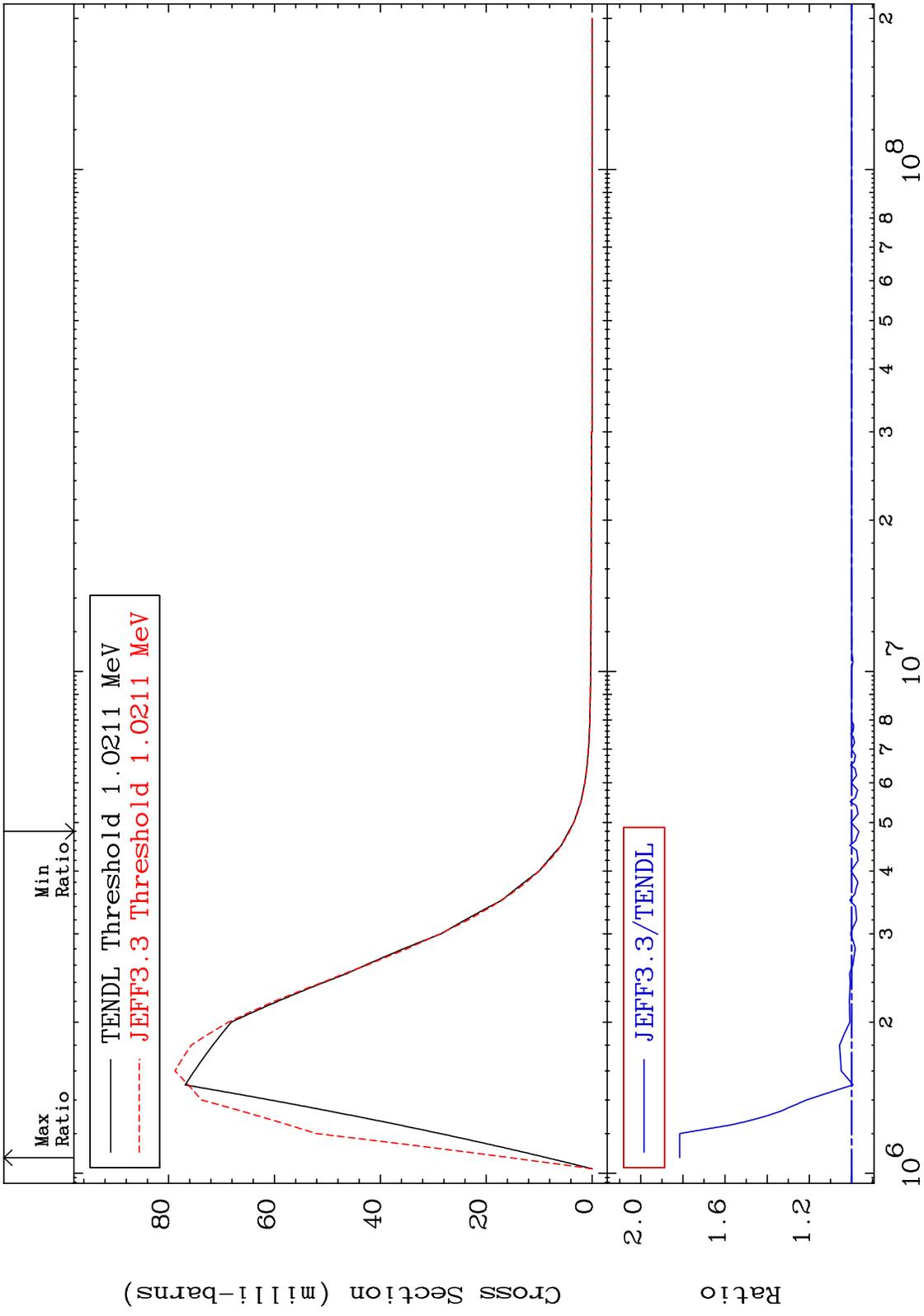
36 Incident Energy (eV) 34-Se-79

MAT 3440 MT= 68 (n,n') Level Cross Section 34-Se-79  
 -3.115 To 73.31 %



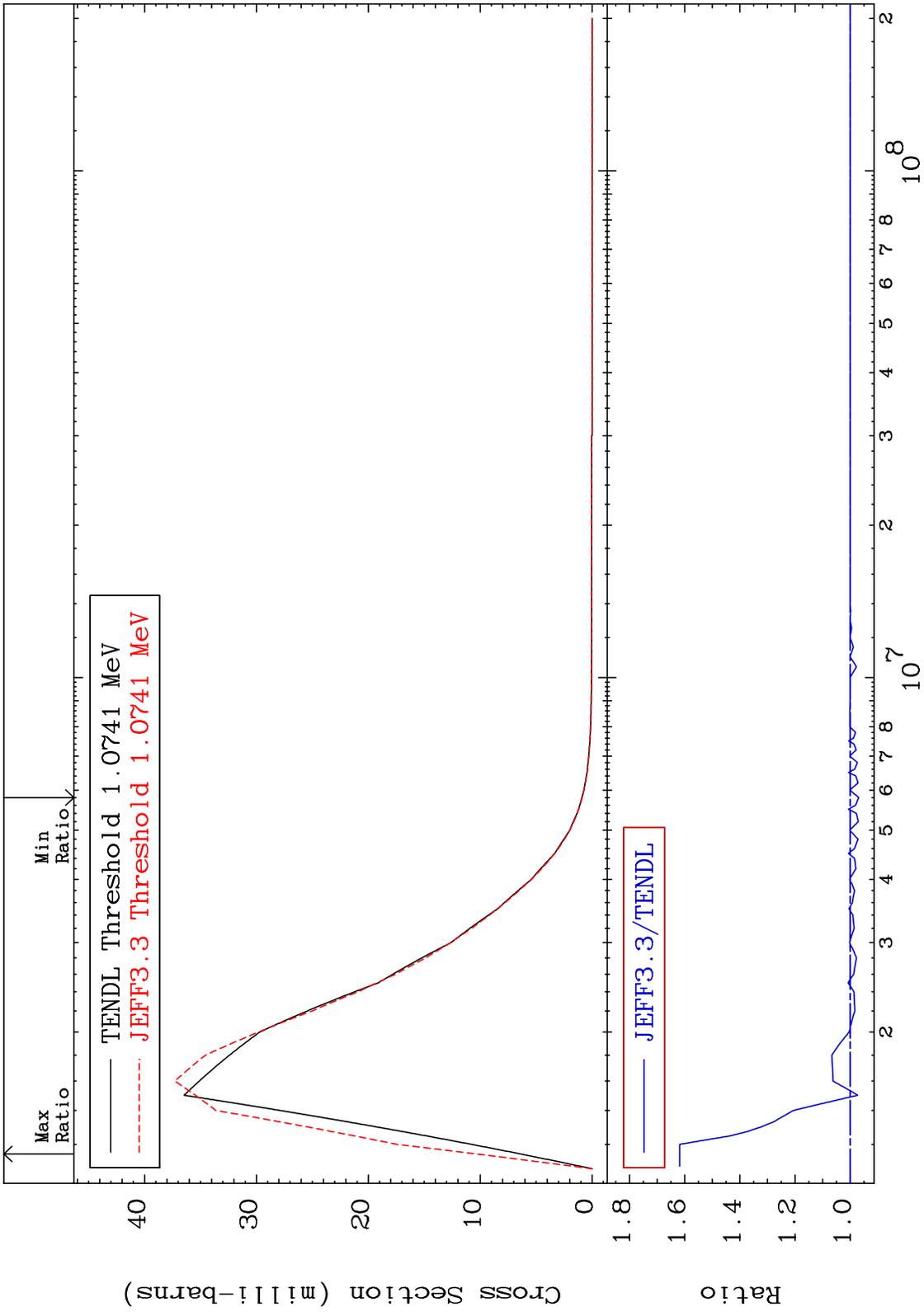
37 Incident Energy (eV) 34-Se-79

MAT 3440 MT= 69 (n,n') Level Cross Section 34-Se-79  
 -3.456 To 81.52 %

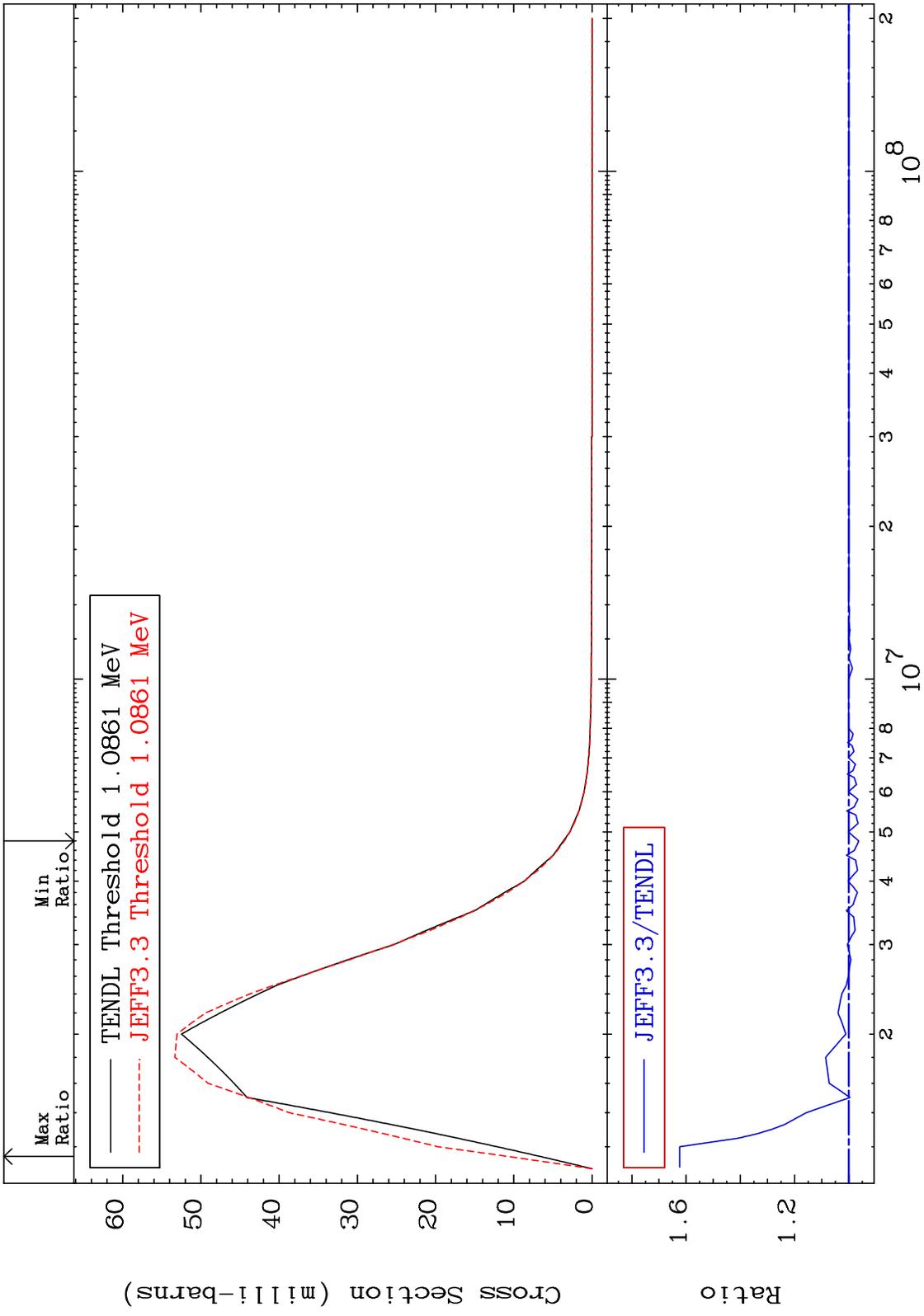


38 34-Se-79 Incident Energy (eV)

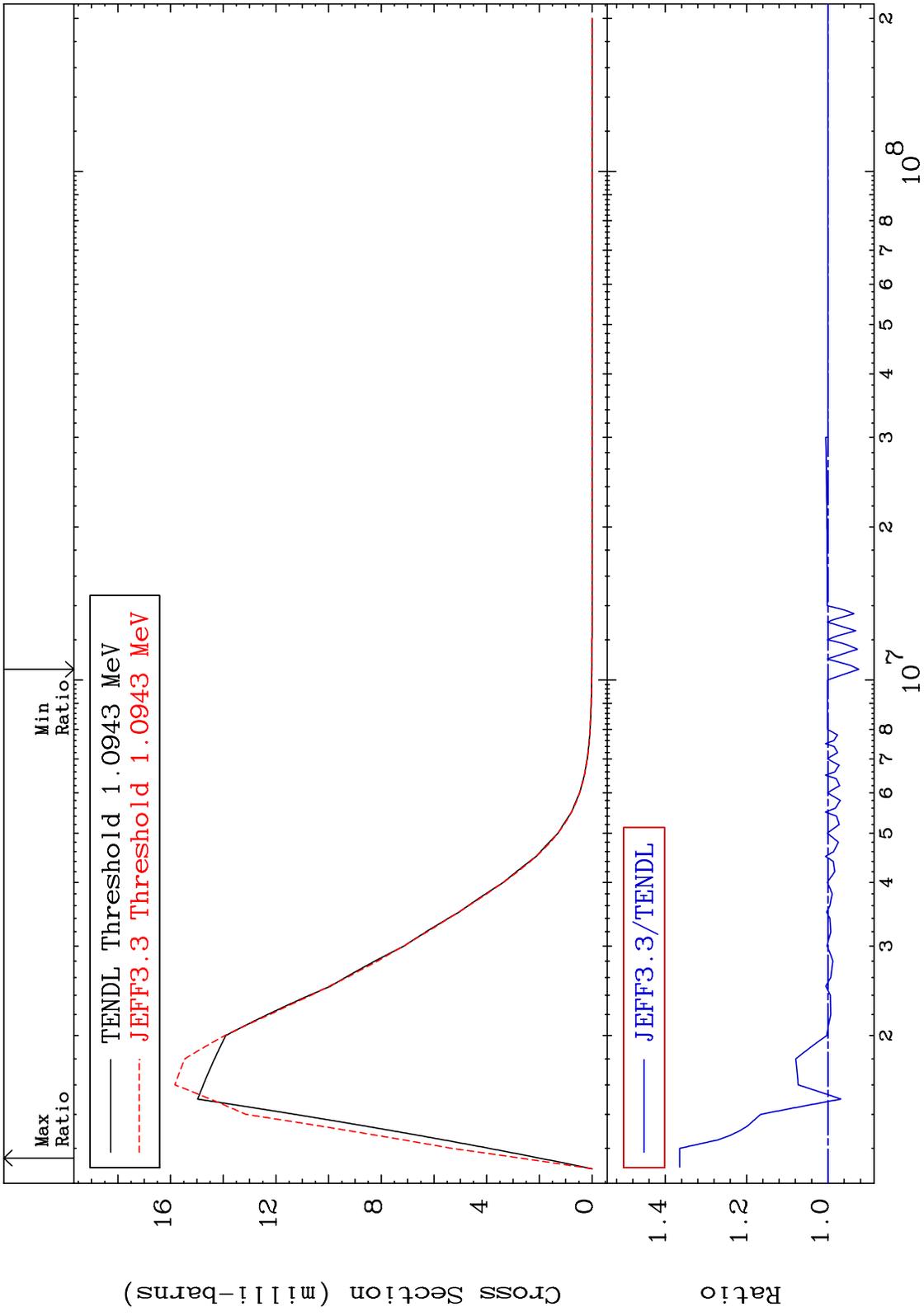
MAT 3440 MT= 70 (n,n') Level Cross Section 34-Se-79  
 -3.149 To 61.77 %



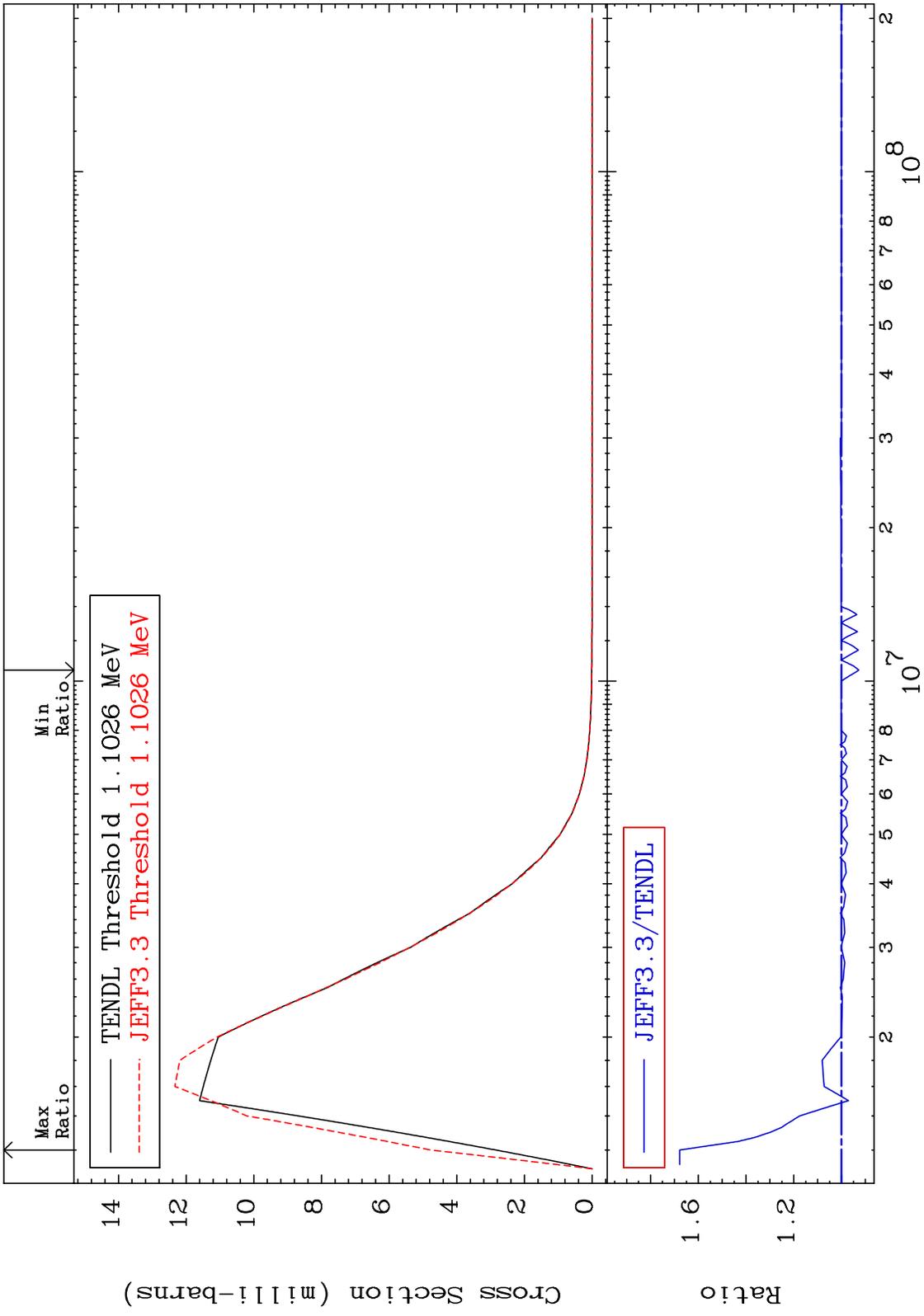
MAT 3440 MT= 71 (n,n') Level Cross Section 34-Se-79  
 -3.689 To 62.34 %



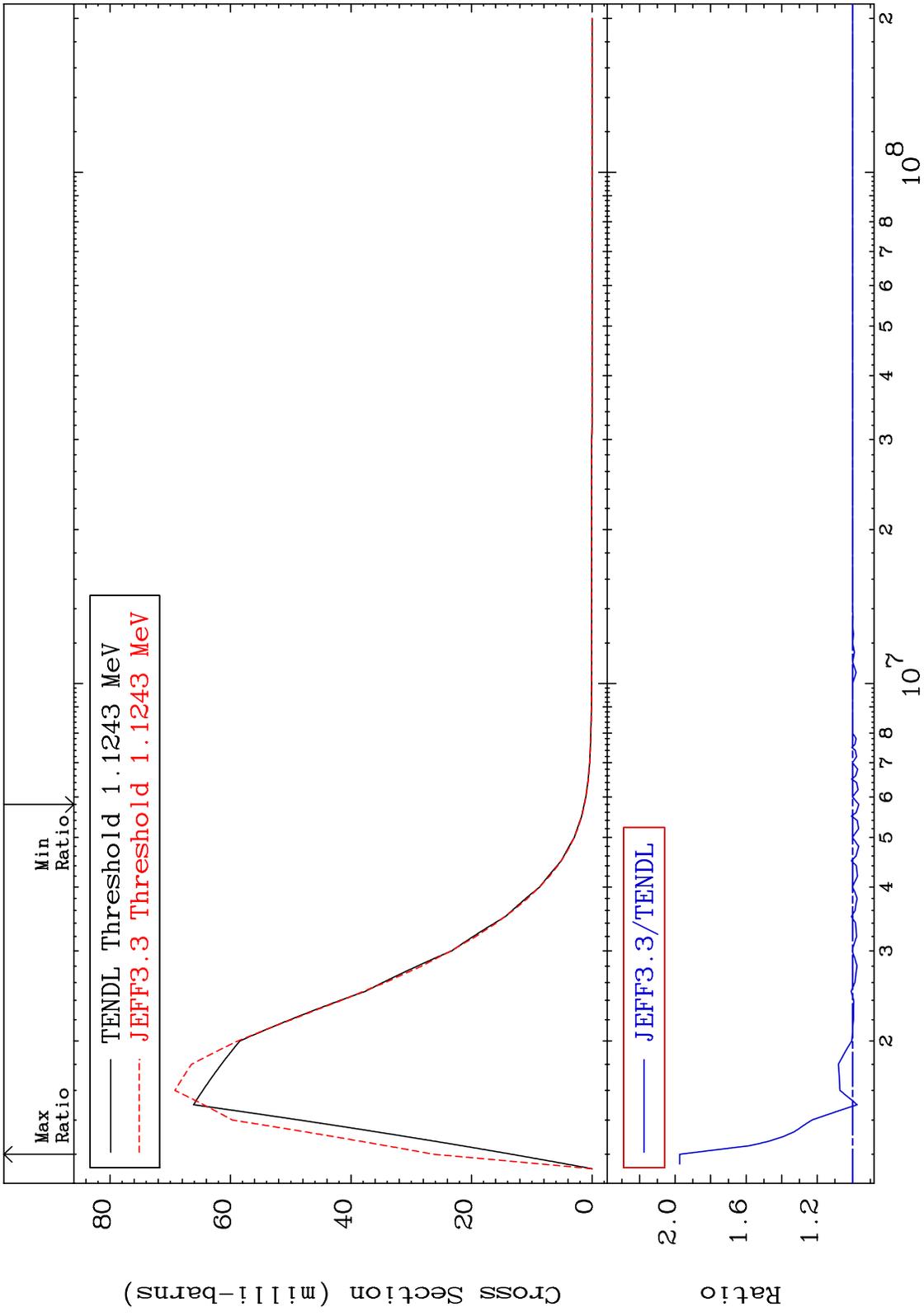
MAT 3440 MT= 72 (n,n') Level Cross Section 34-Se-79  
 -7.606 To 36.45 %



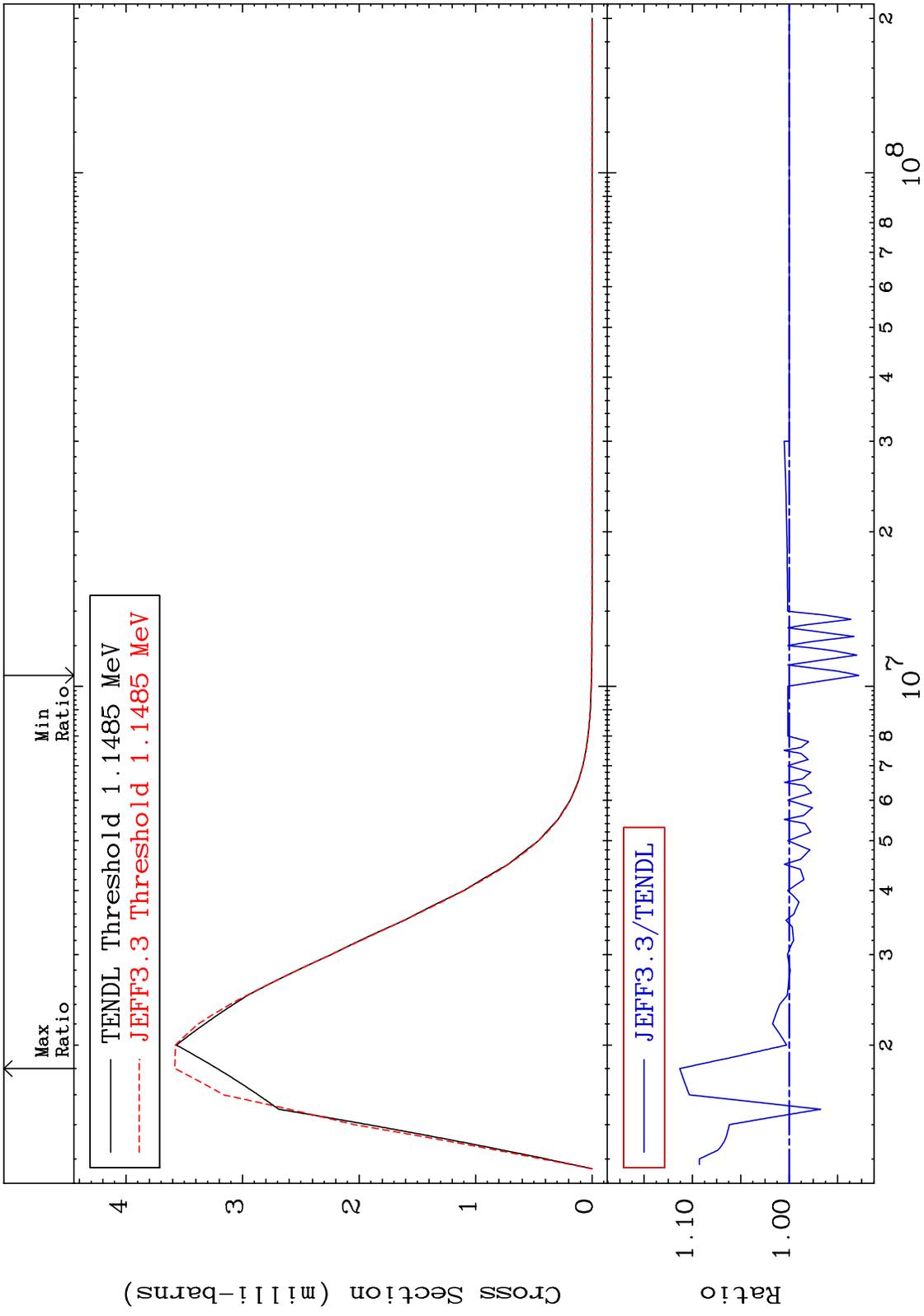
MAT 3440 MT= 73 (n,n') Level Cross Section 34-Se-79  
 -7.234 To 67.77 %



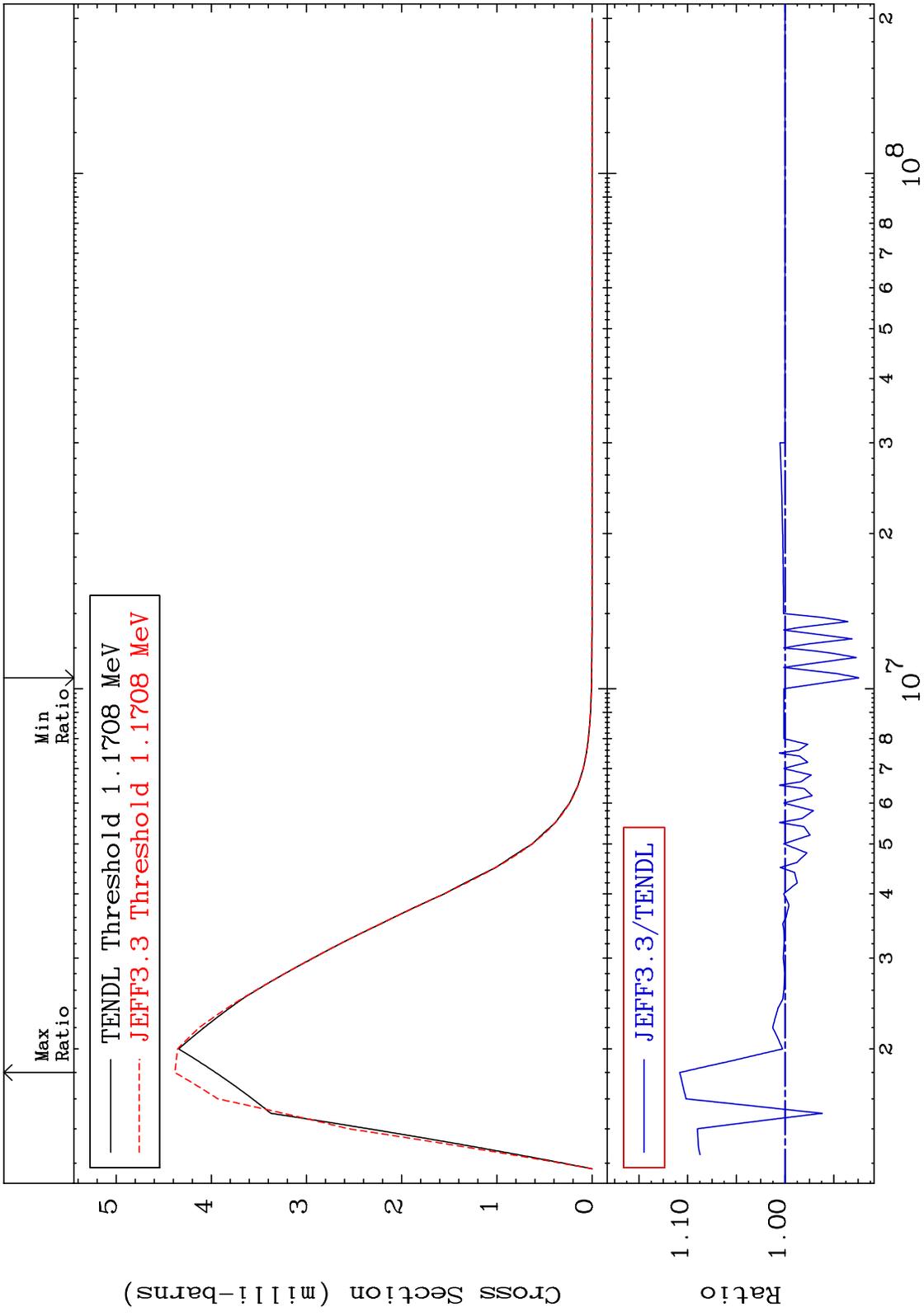
MAT 3440 MT= 74 (n,n') Level Cross Section 34-Se-79  
 -3.443 To 97.40 %



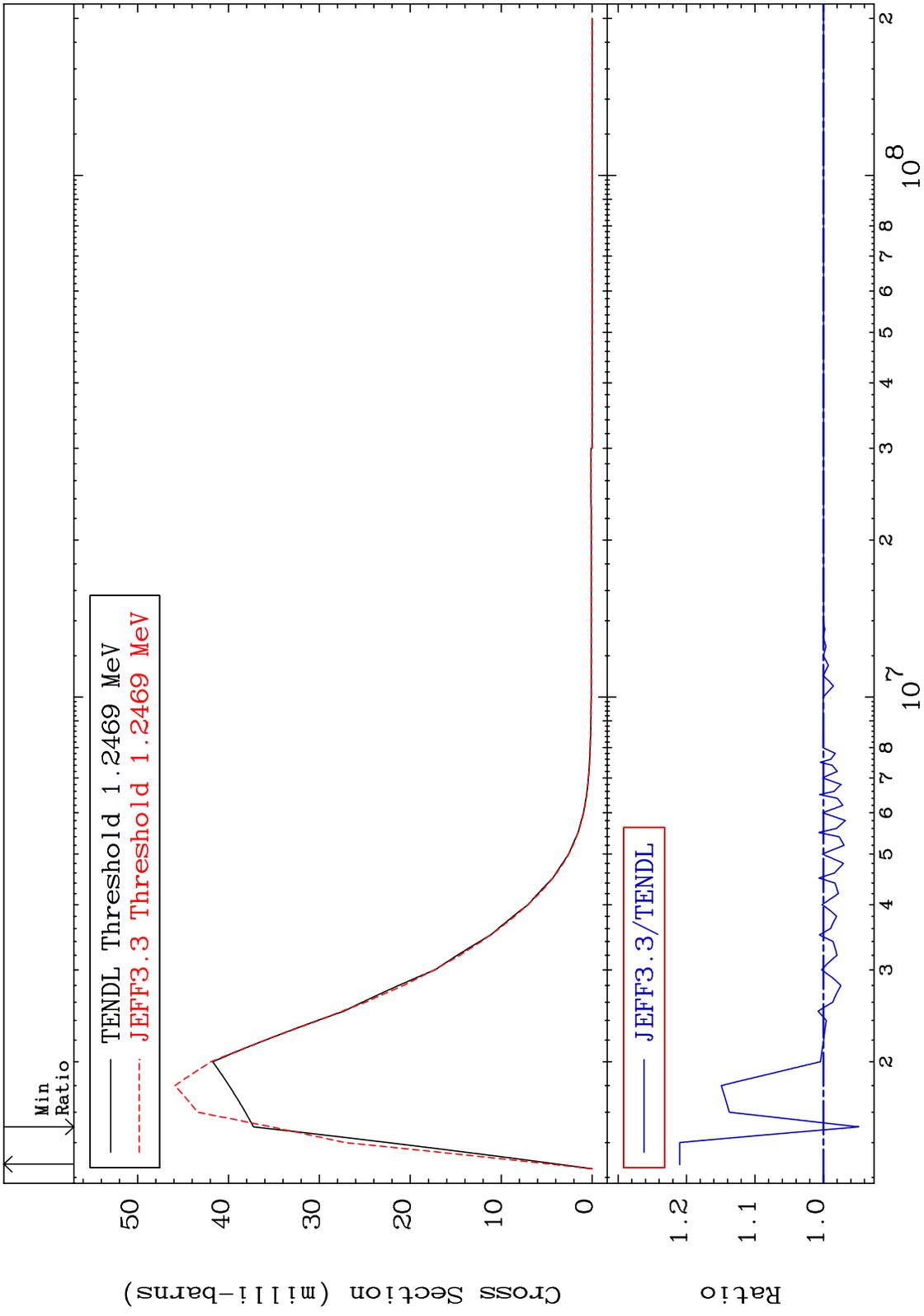
MAT 3440 MT= 75 (n,n') Level Cross Section -7.203 To 11.31 % 34-Se-79



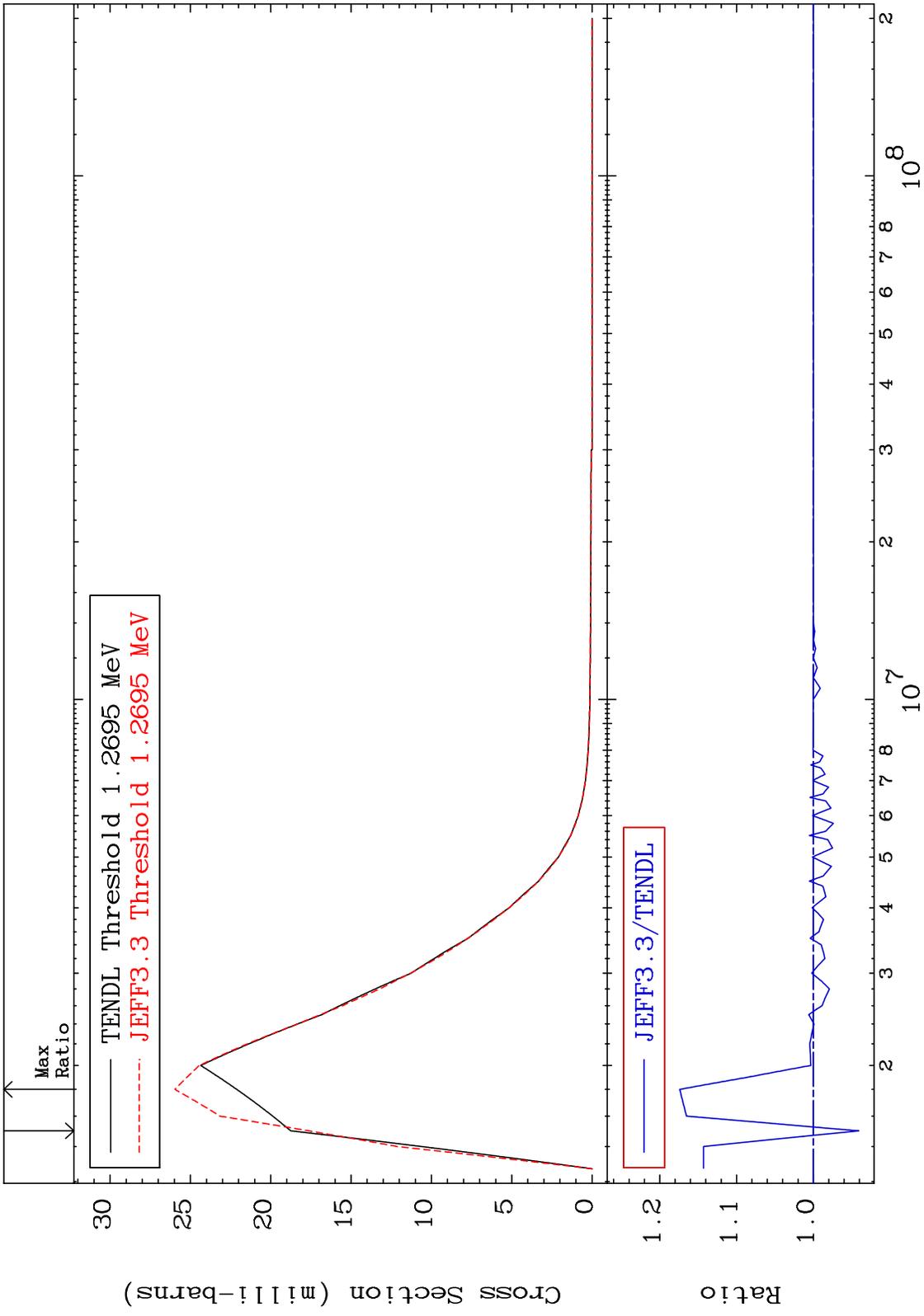
MAT 3440 MT= 76 (n,n') Level Cross Section 34-Se-79  
 -7.573 To 10.81 %



MAT 3440 MT= 77 (n,n') Level Cross Section -5.167 To 20.99 % 34-Se-79



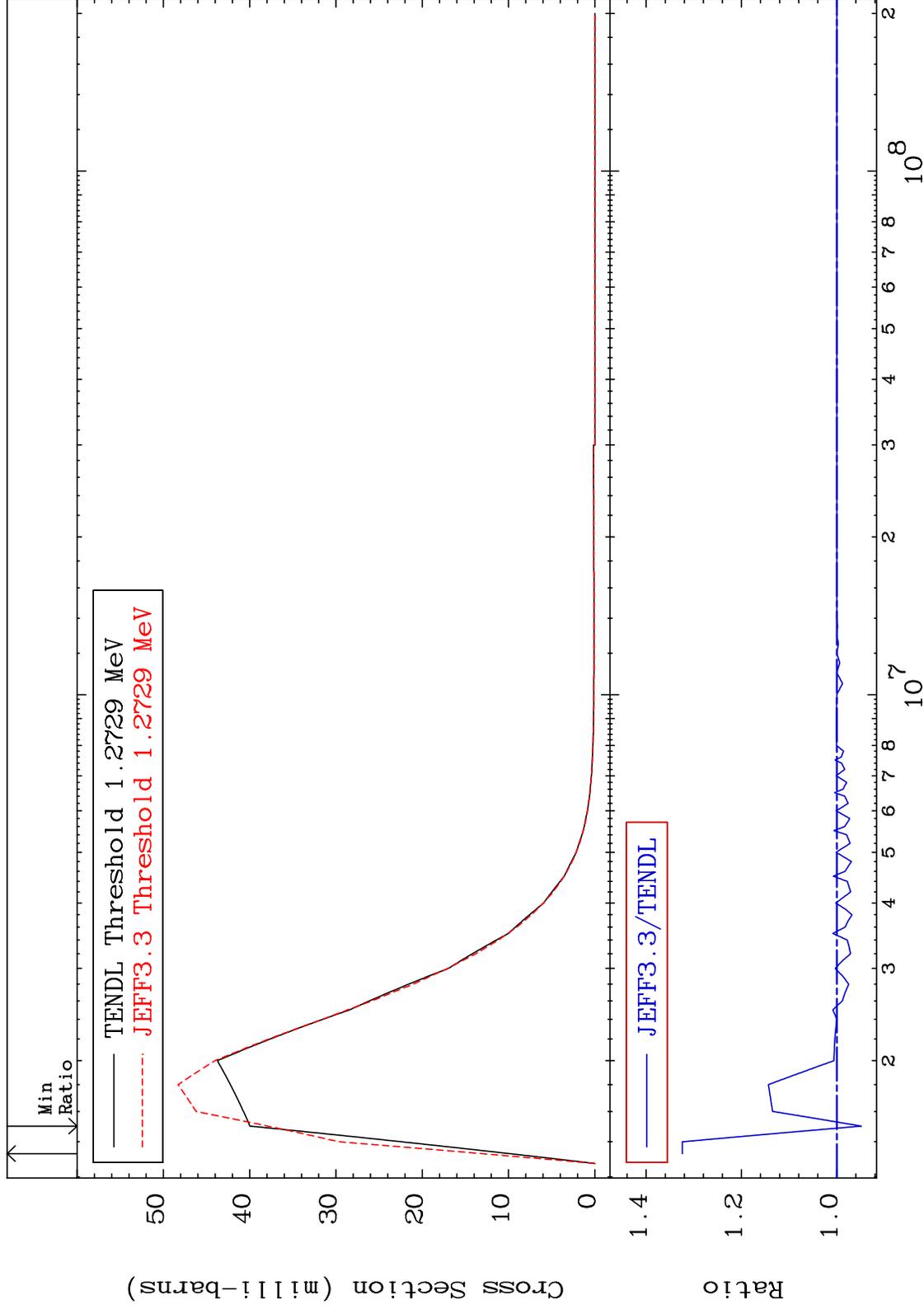
MAT 3440 MT= 78 (n,n') Level Cross Section -5.910 To 17.40 % 34-Se-79



MAT 3440

MT= 79 (n,n') Level  
Cross Section

34-Se-79  
-5.141 To 32.39 %

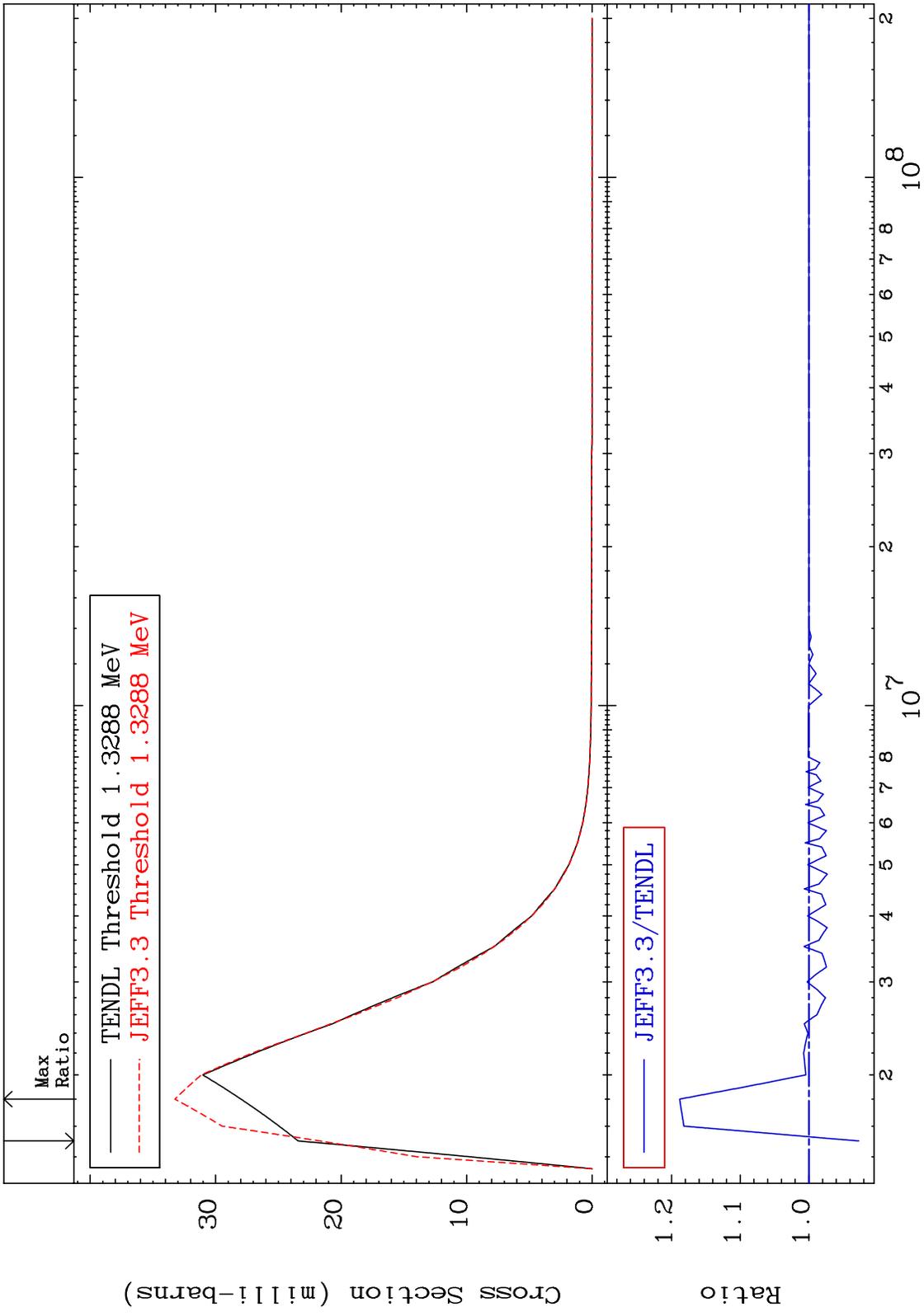


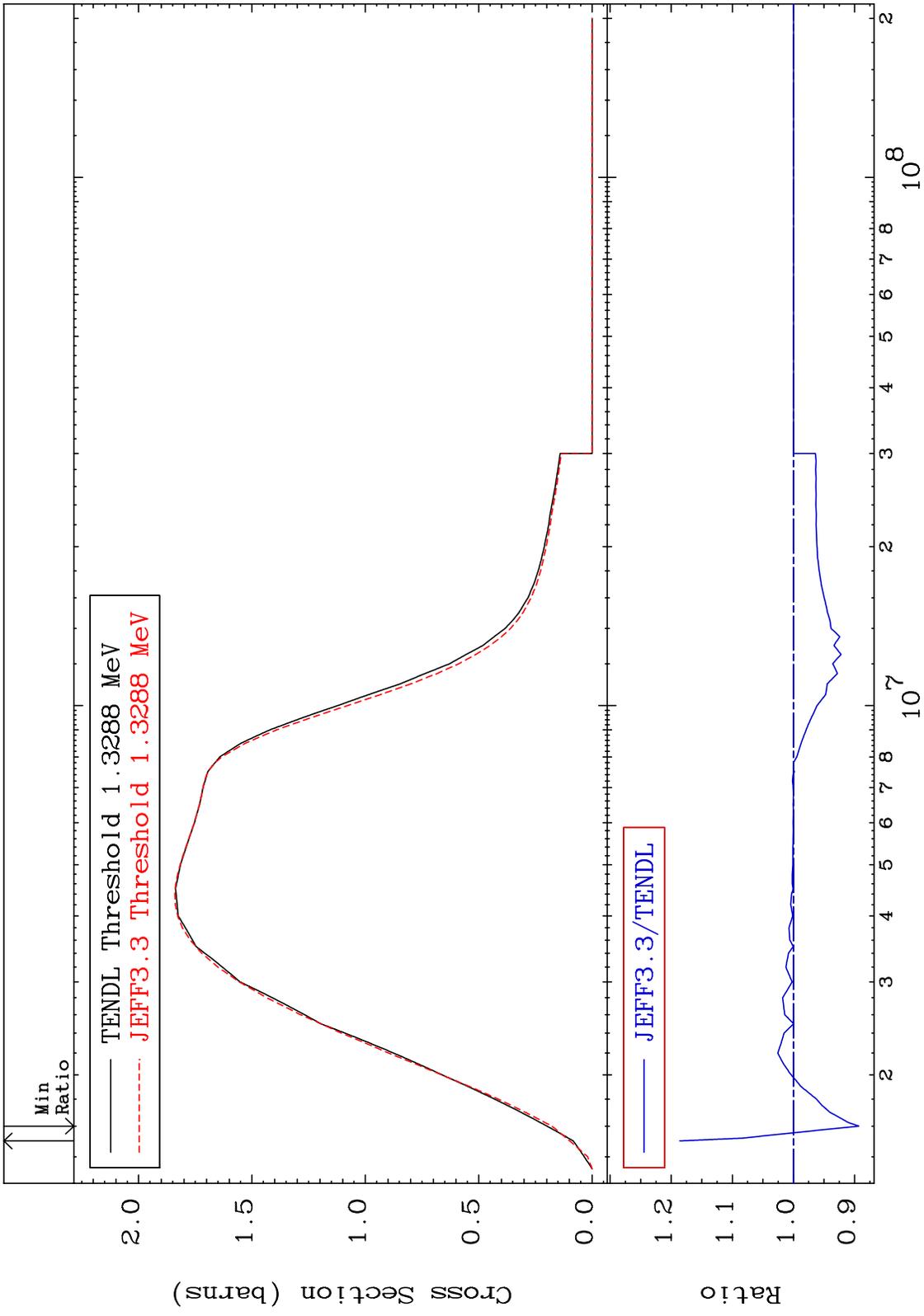
48

Incident Energy (eV)

34-Se-79

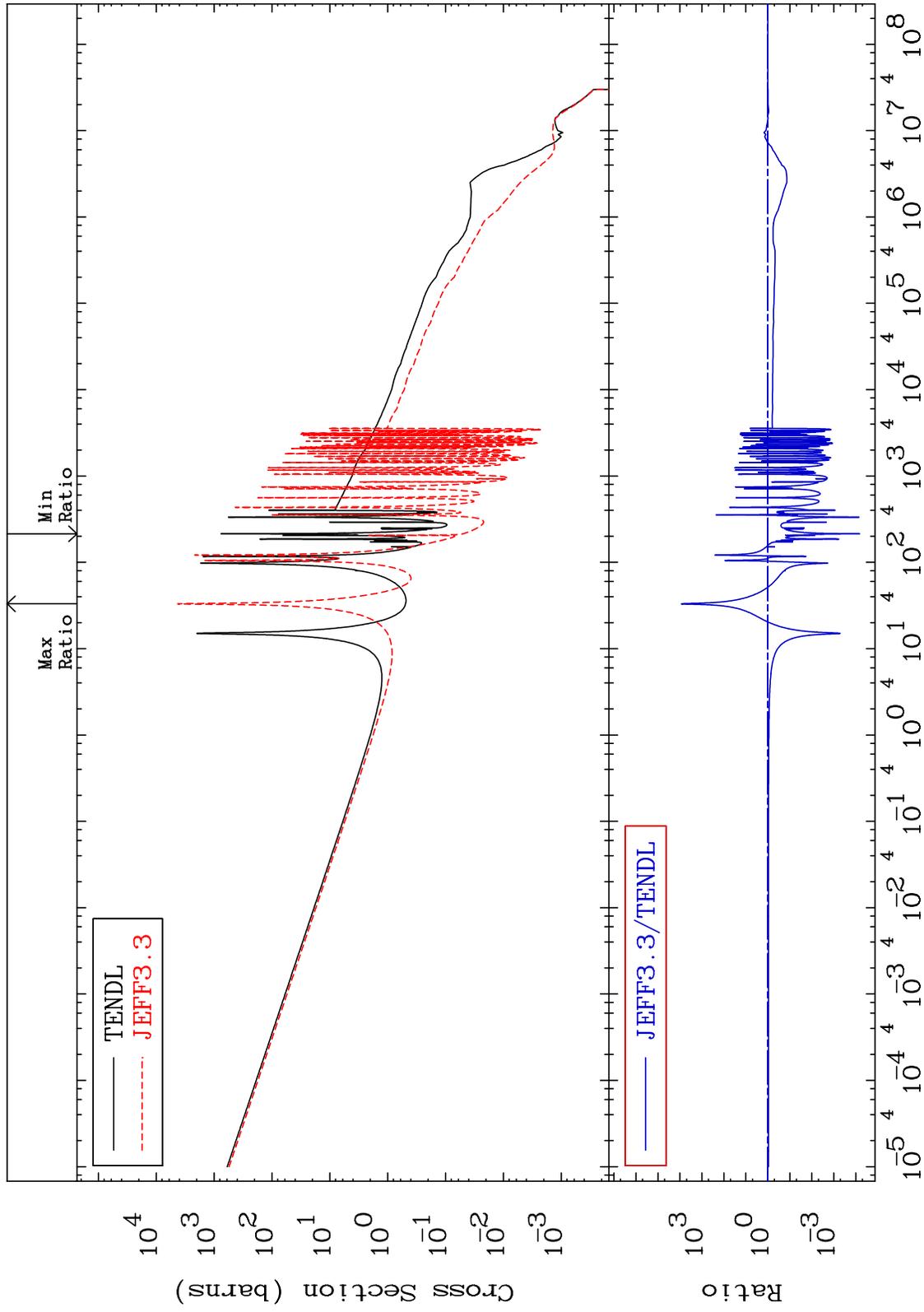
MAT 3440 MT= 80 (n,n') Level Cross Section 34-Se-79 -7.283 To 18.82 %

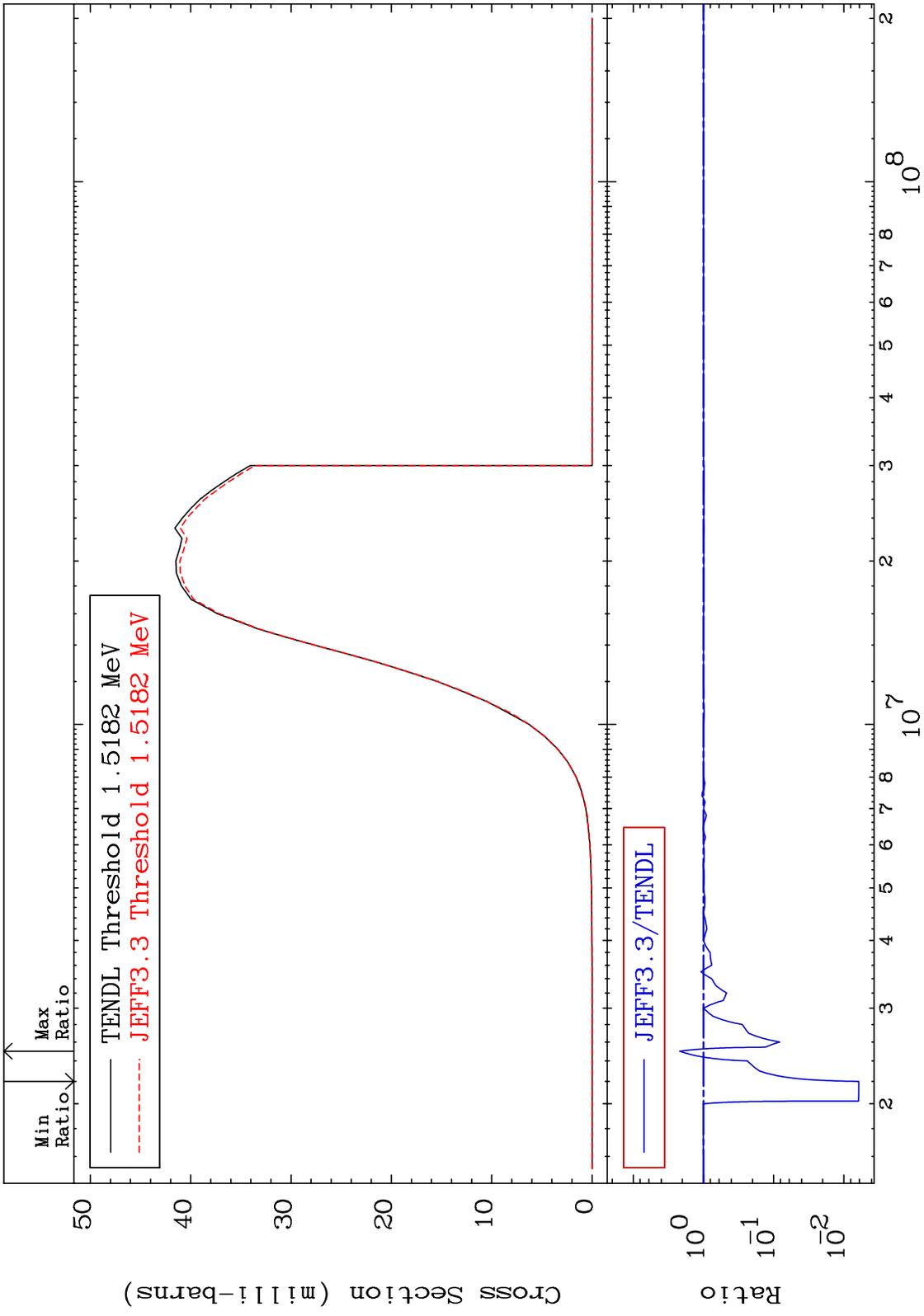


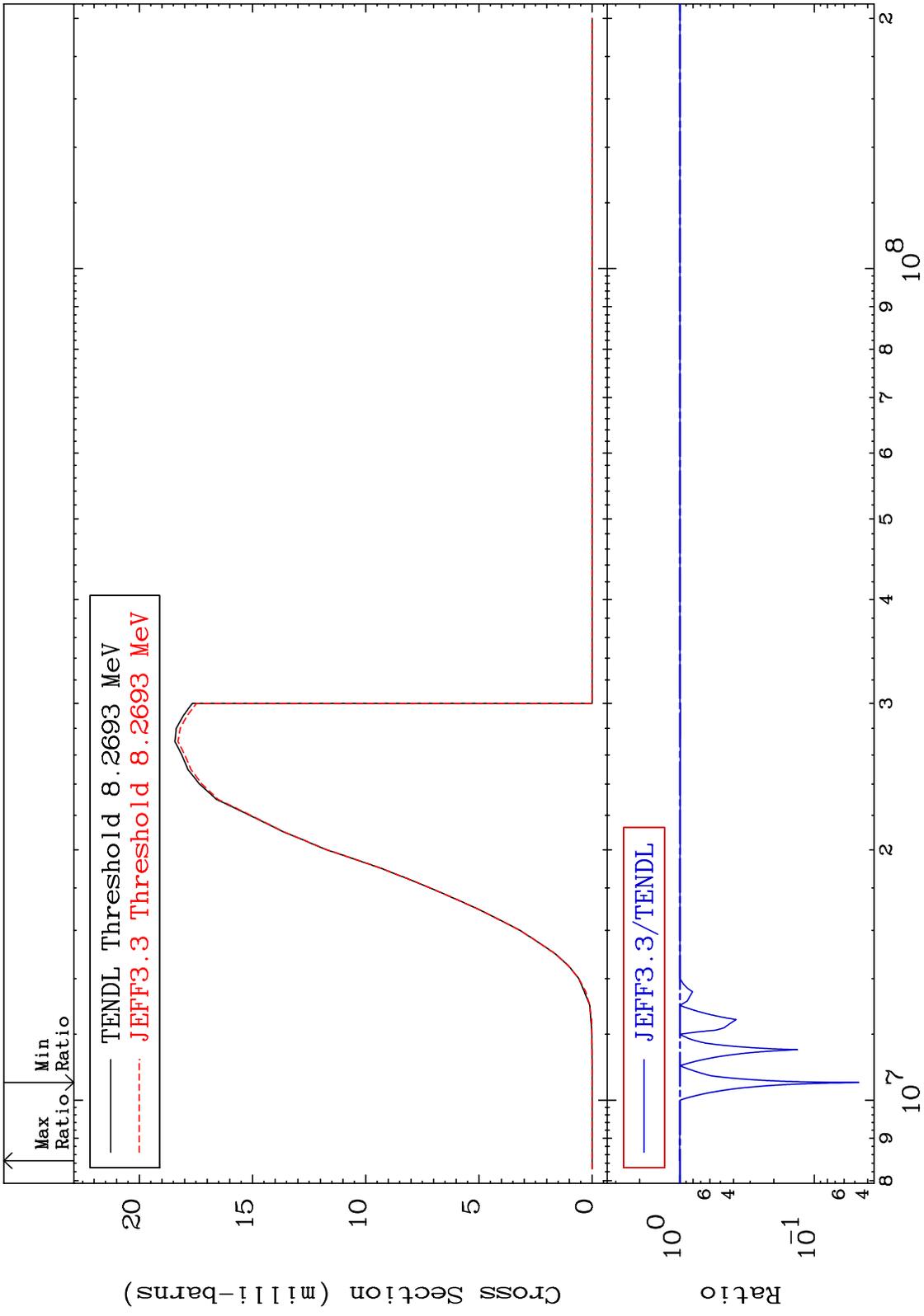


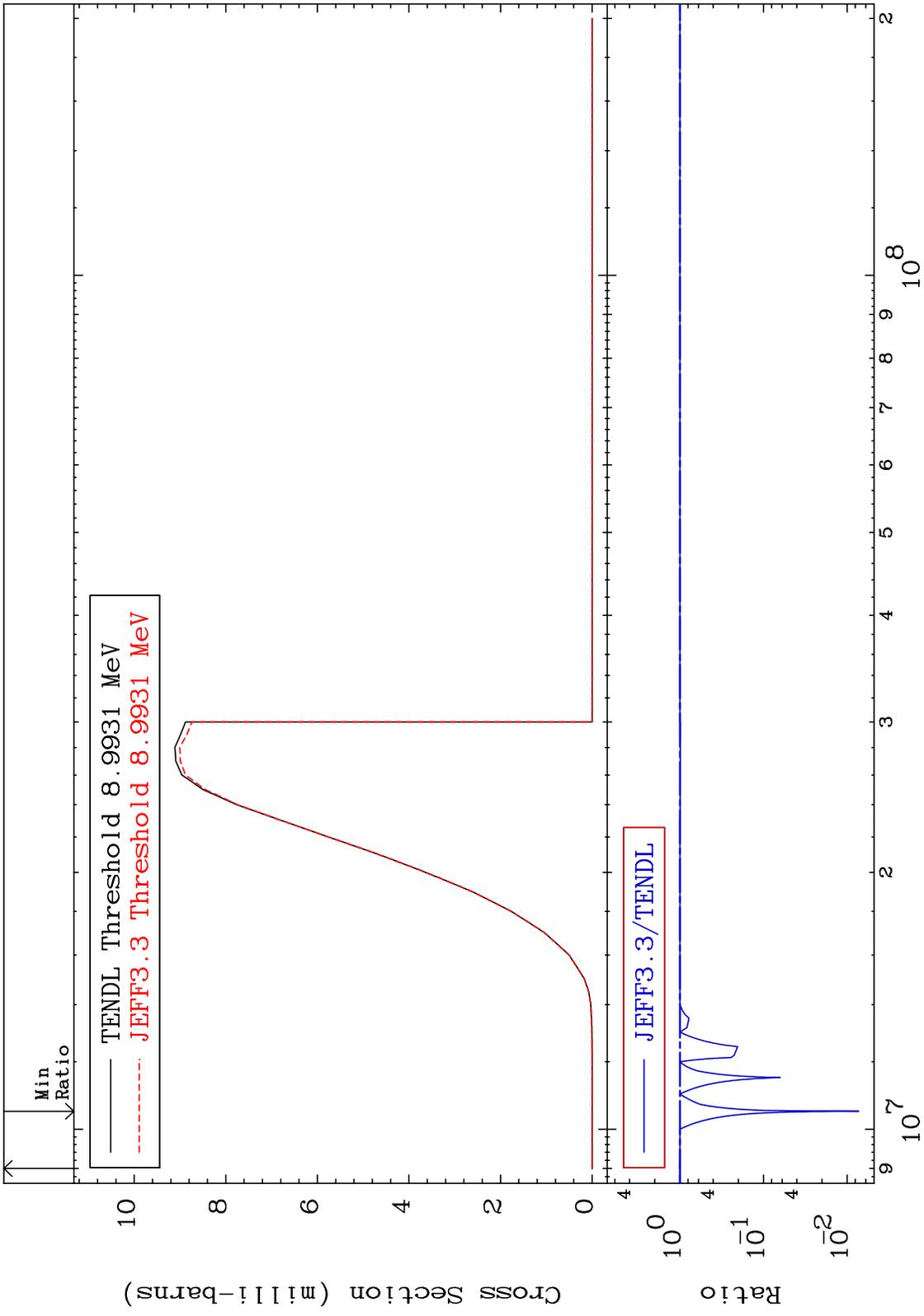
MAT 3440

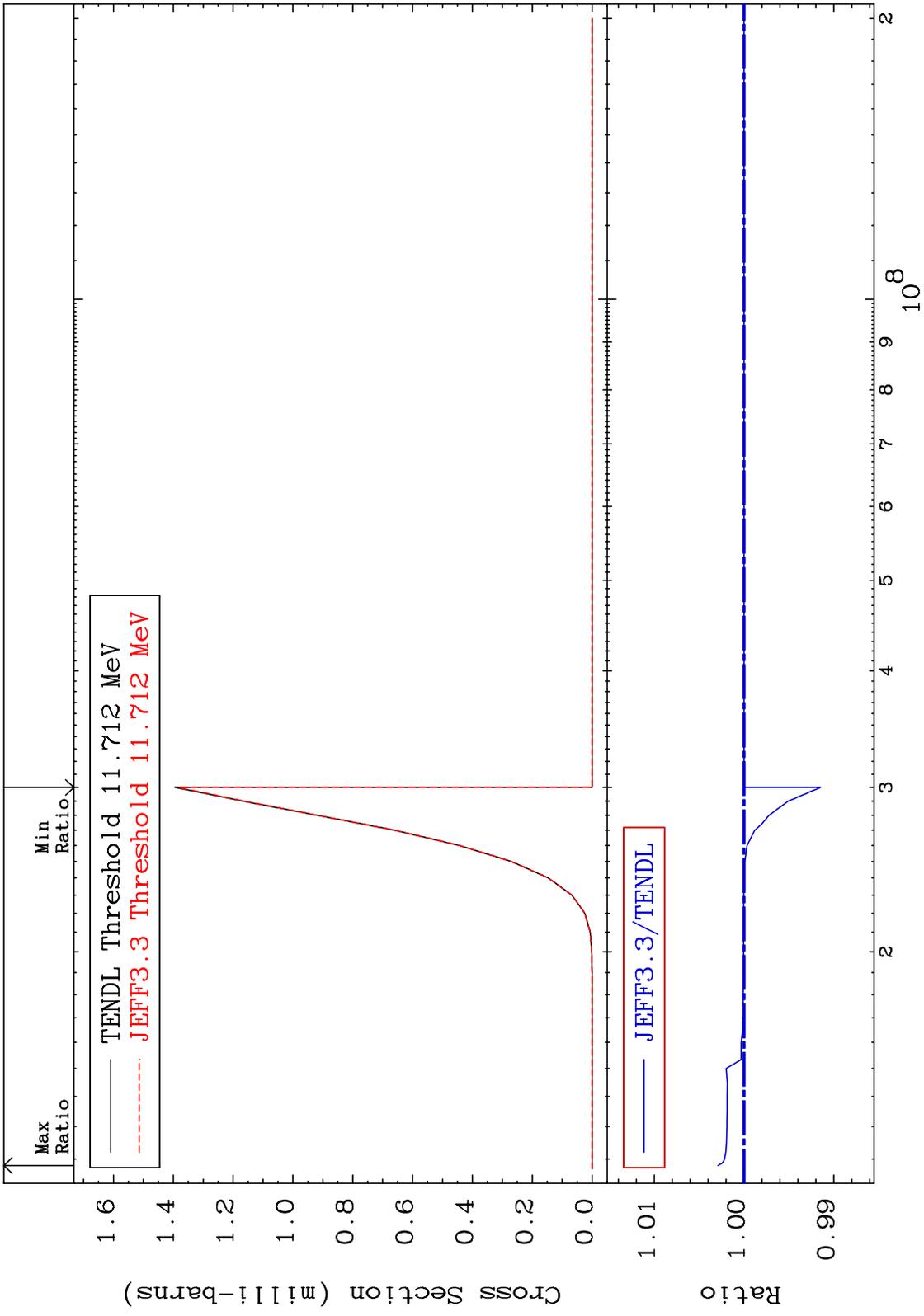
(n,  $\gamma$ ) Cross Section  
34-Se-79  
-99.99 To 9999. %



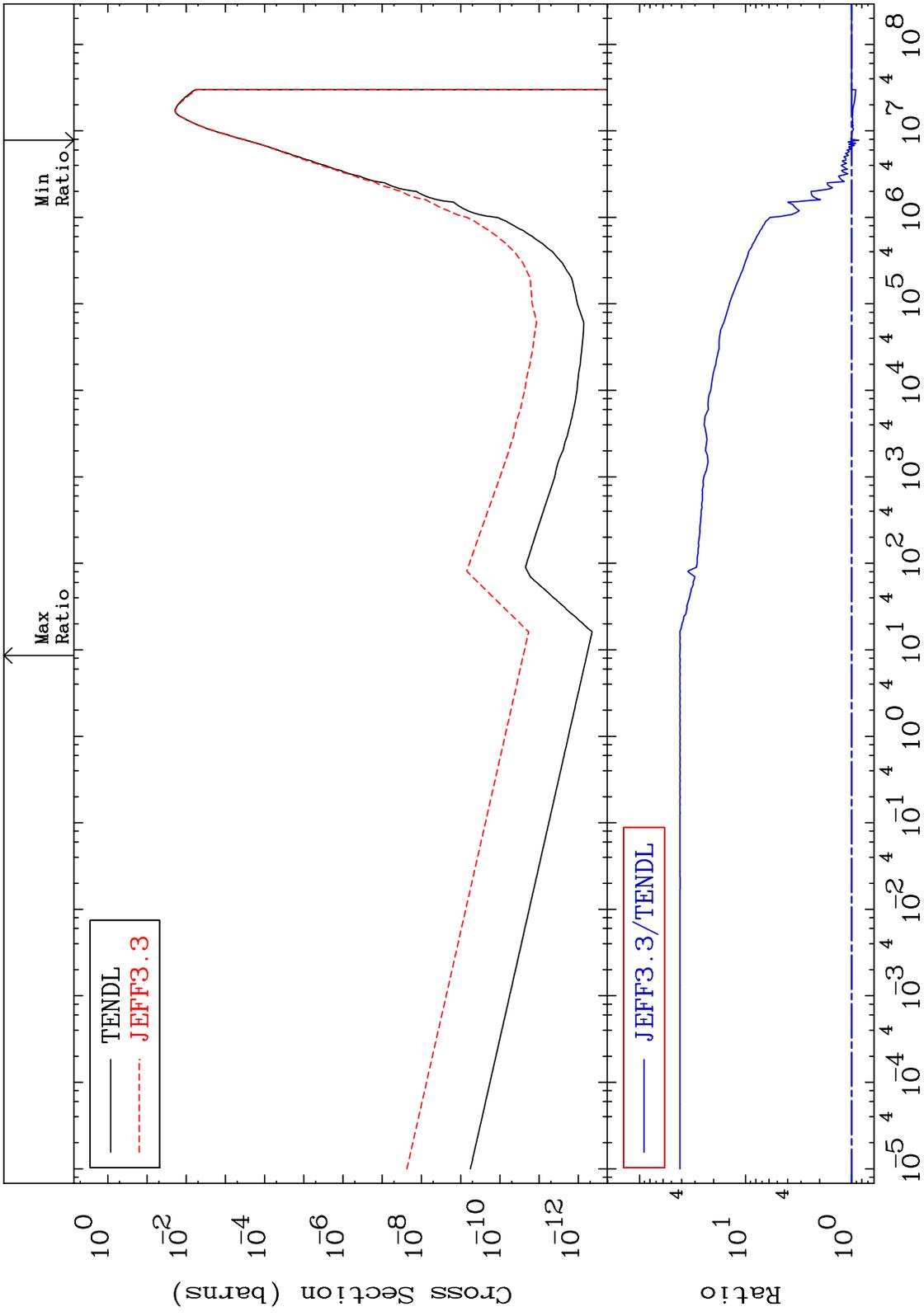




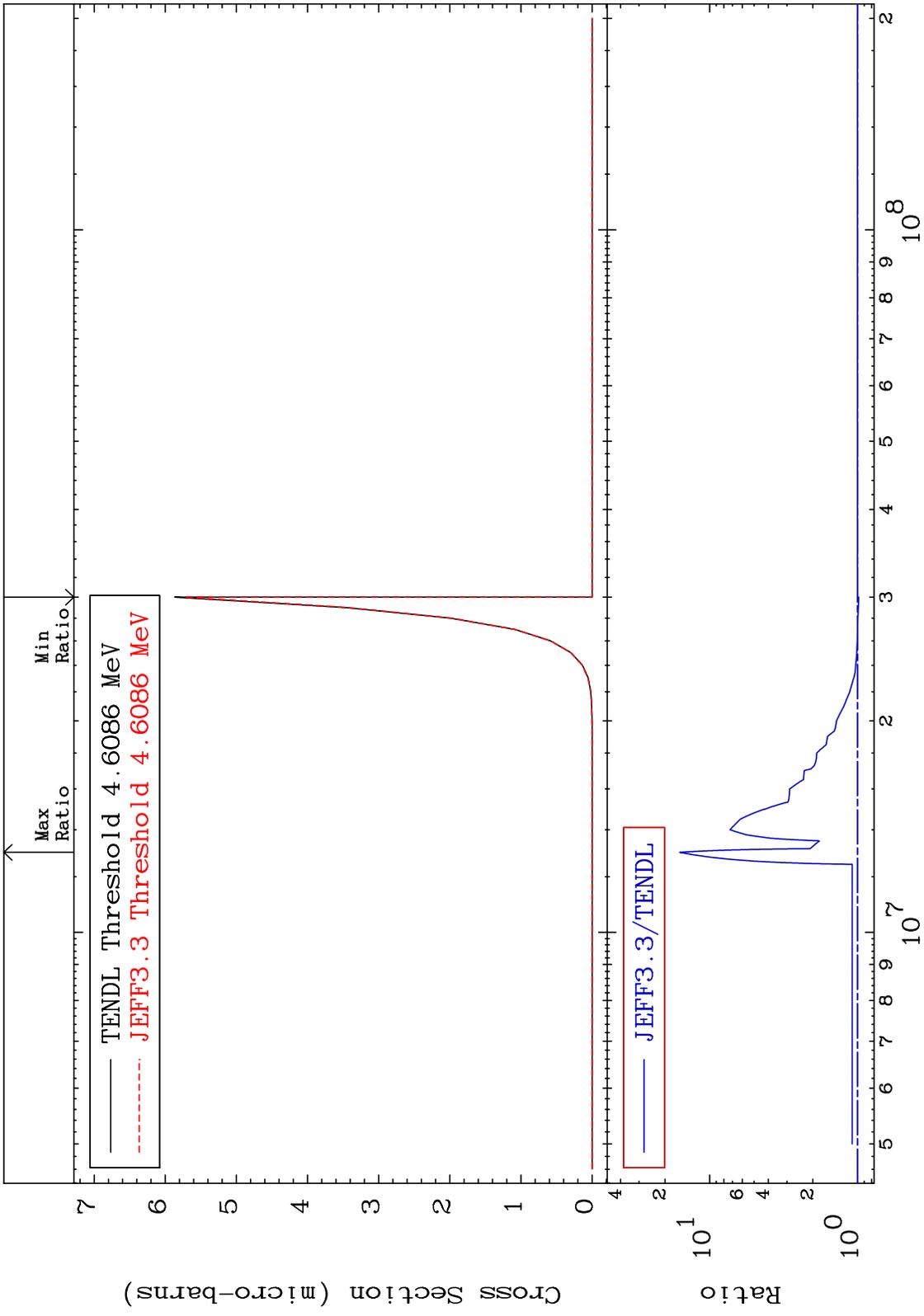


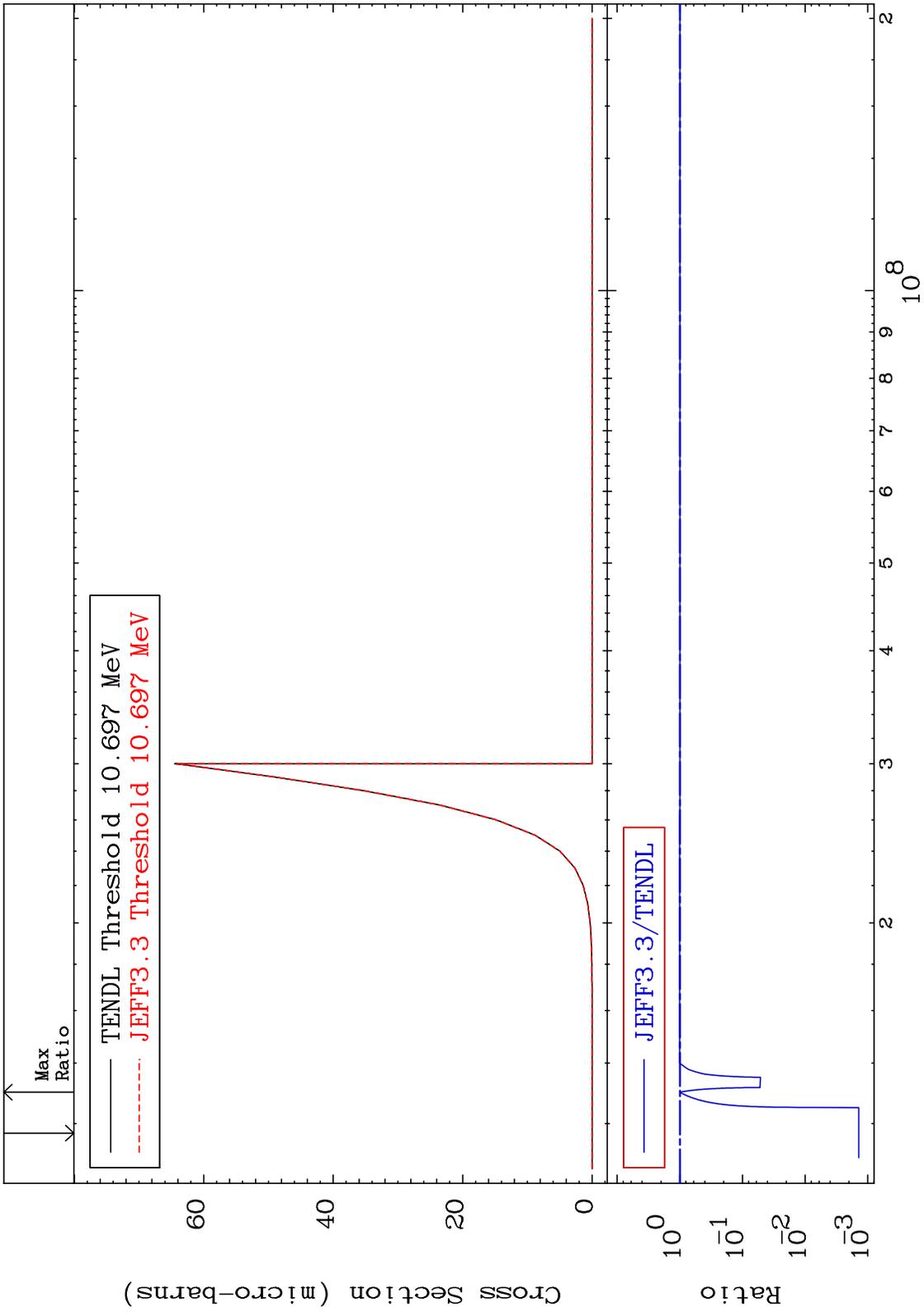


MAT 3440 34-Se-79  
-14.75 To 4075. %  
 (n,  $\alpha$ )  
 Cross Section

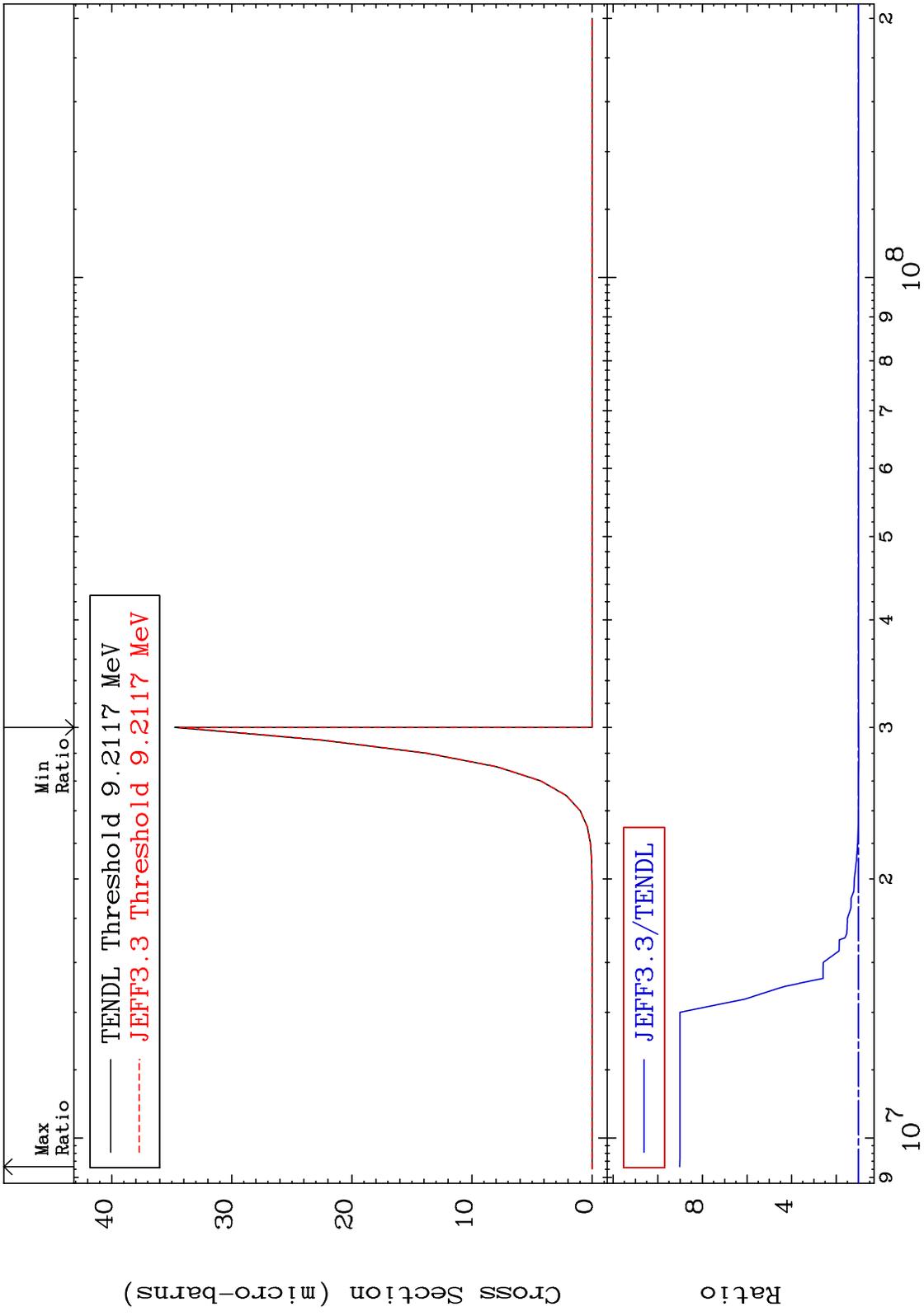


MAT 3440  $(n, 2\alpha)$   $^{34}\text{Se-79}$   
 Cross Section -2.187 To 1492. %



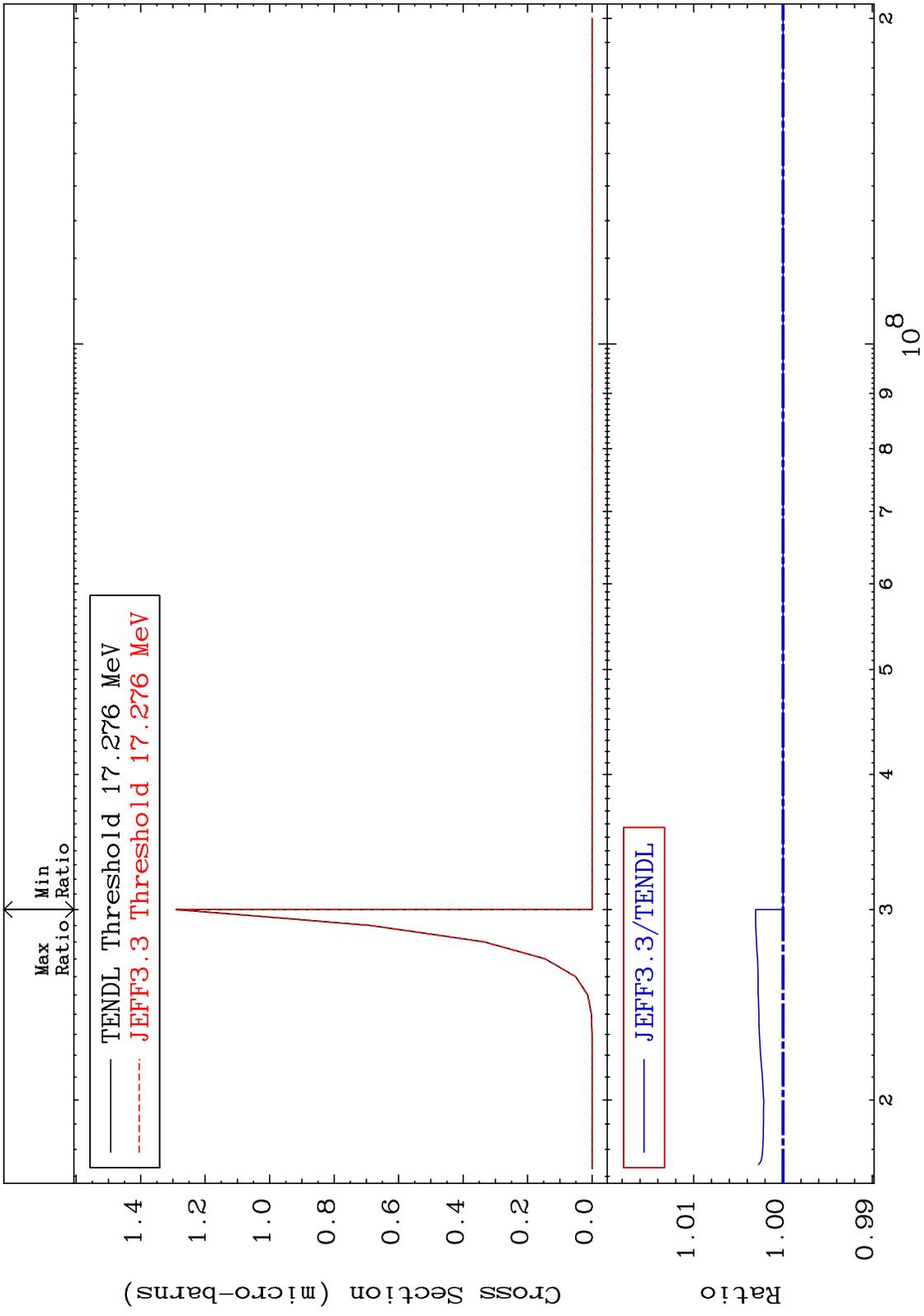


MAT 3440  $(n,p) \alpha$   $^{34}\text{Se-79}$   
 Cross Section -1.264 To 801.7 %

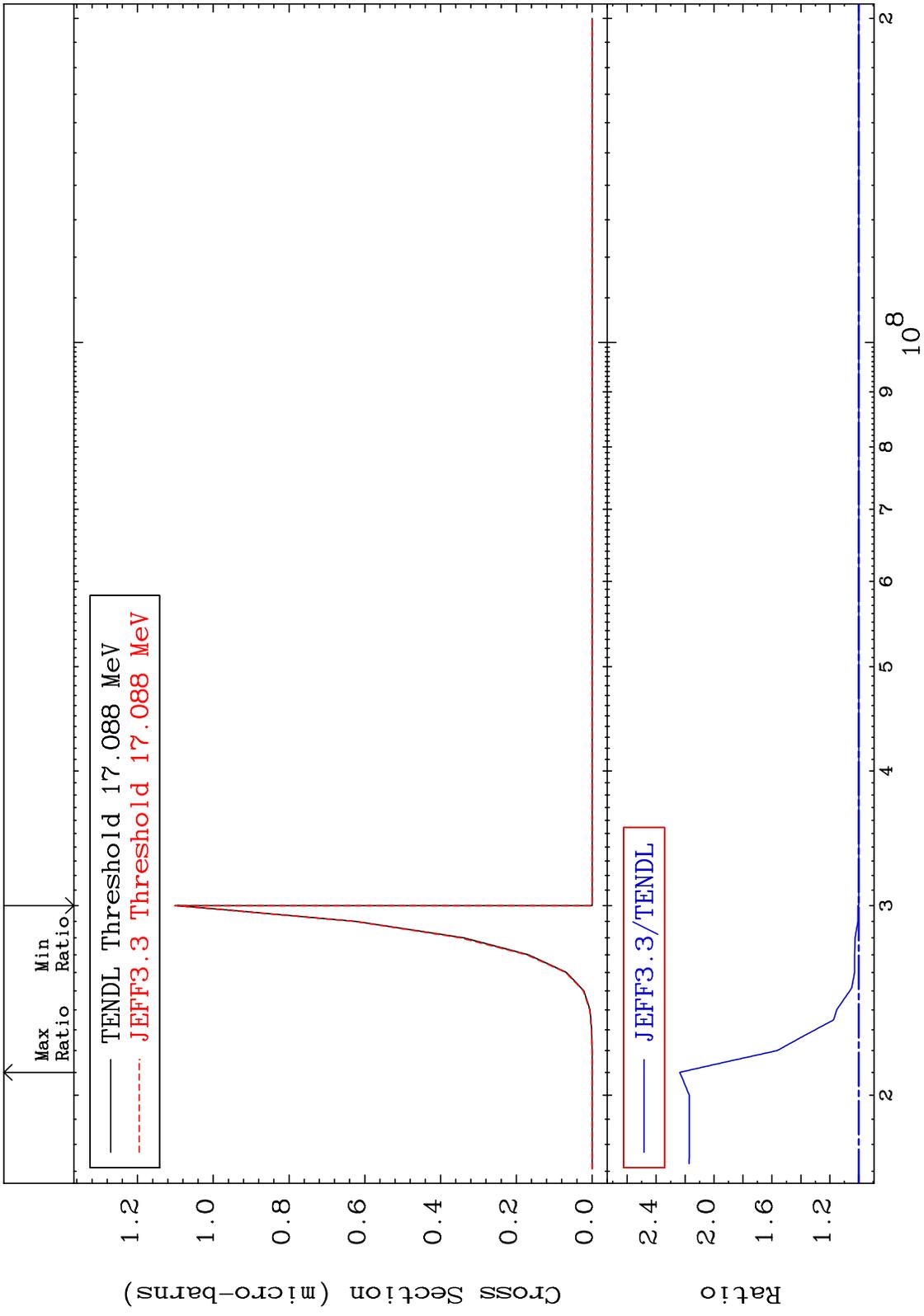


59  $^{34}\text{Se-79}$

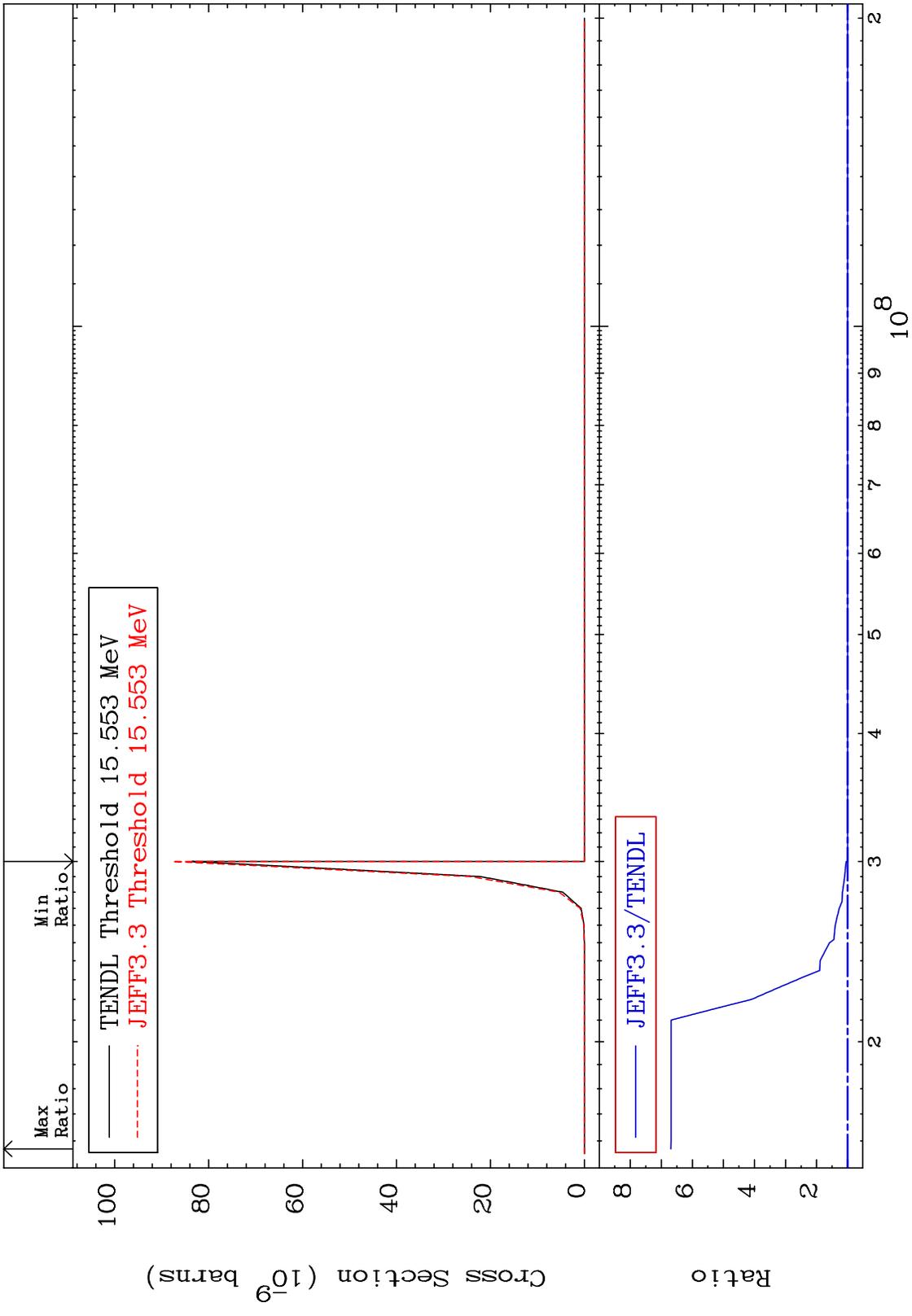
MAT 3440 (n,p) d 34-Se-79  
 Cross Section 0.000 To 0.307 %

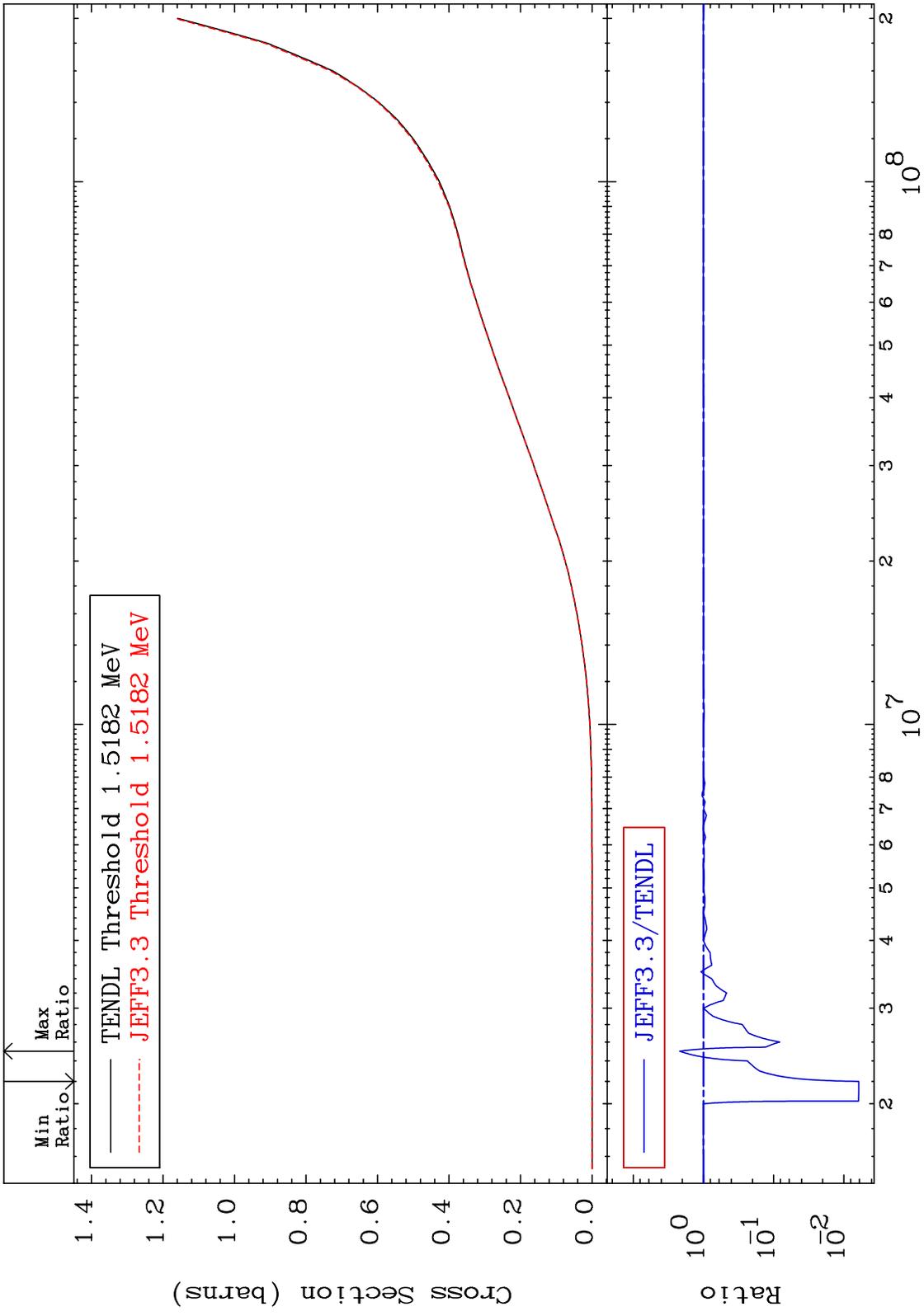


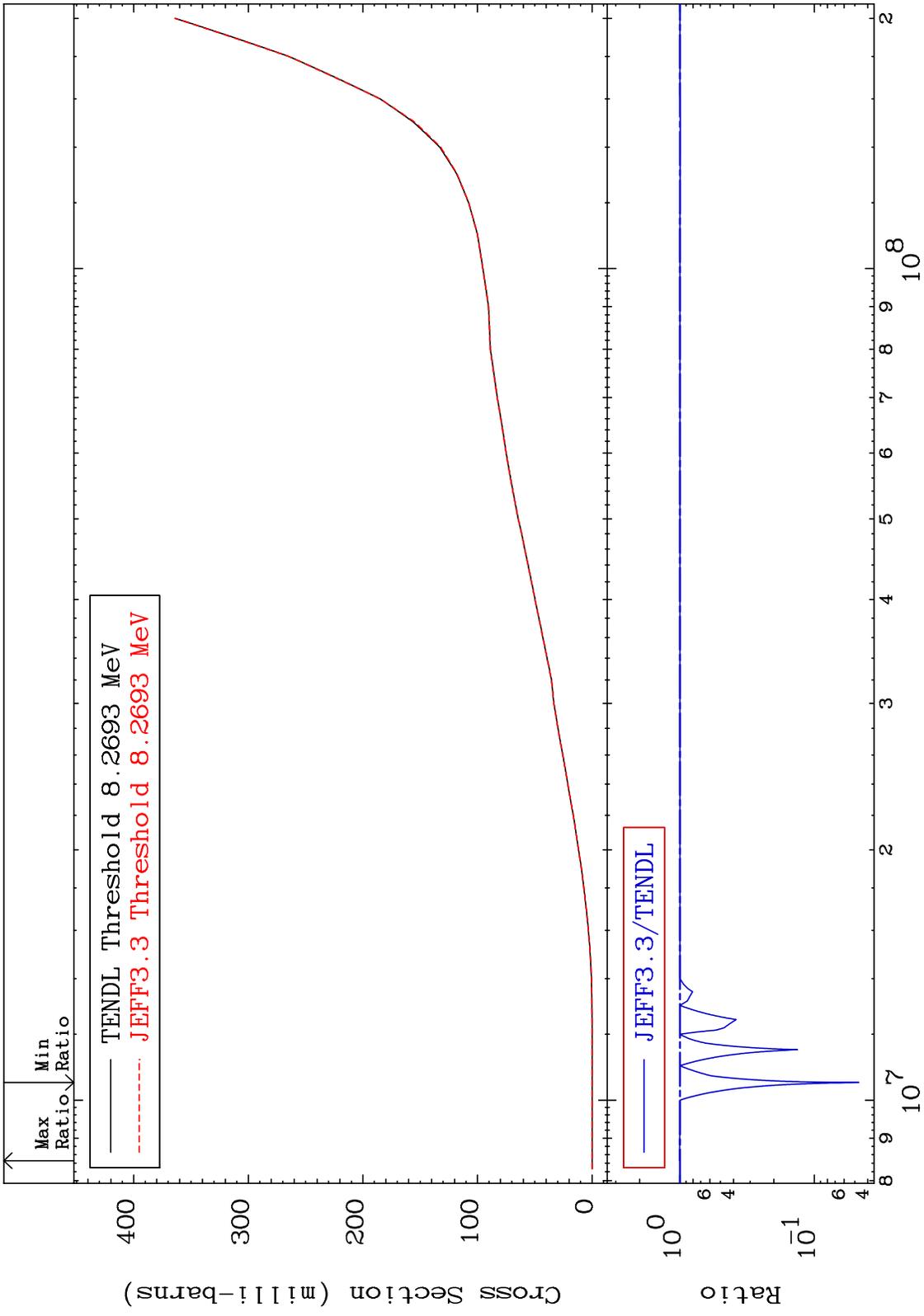
MAT 3440 (n,p) t 34-Se-79  
 Cross Section 0.000 To 123.7 %



MAT 3440  $(n,d) \alpha$   $^{34}\text{Se-79}$   
 Cross Section 0.000 To 569.1 %



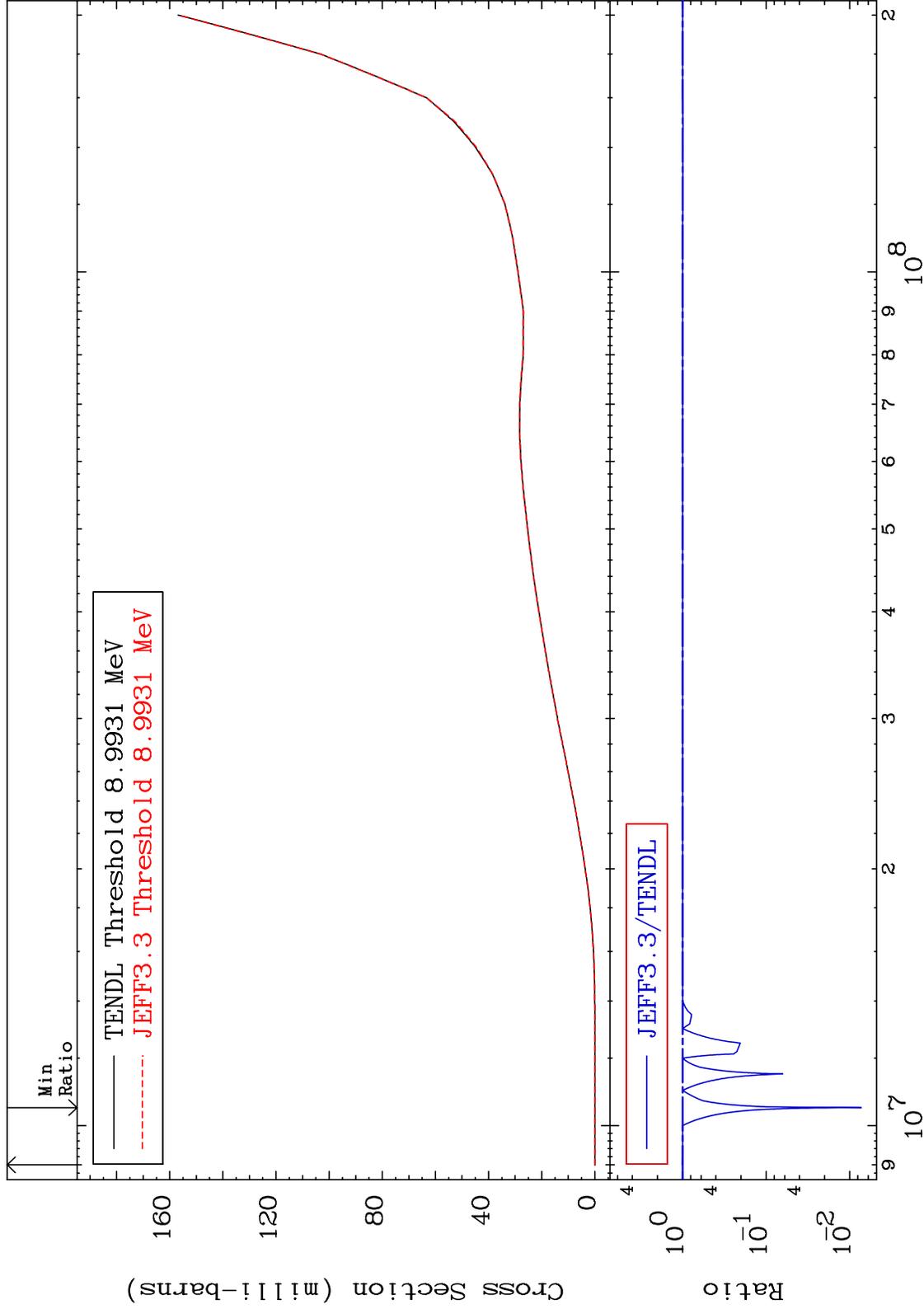




MAT 3440

Tritium Production  
Cross Section

<sup>34</sup>Se-79  
-99.27 To 0.614 %



65

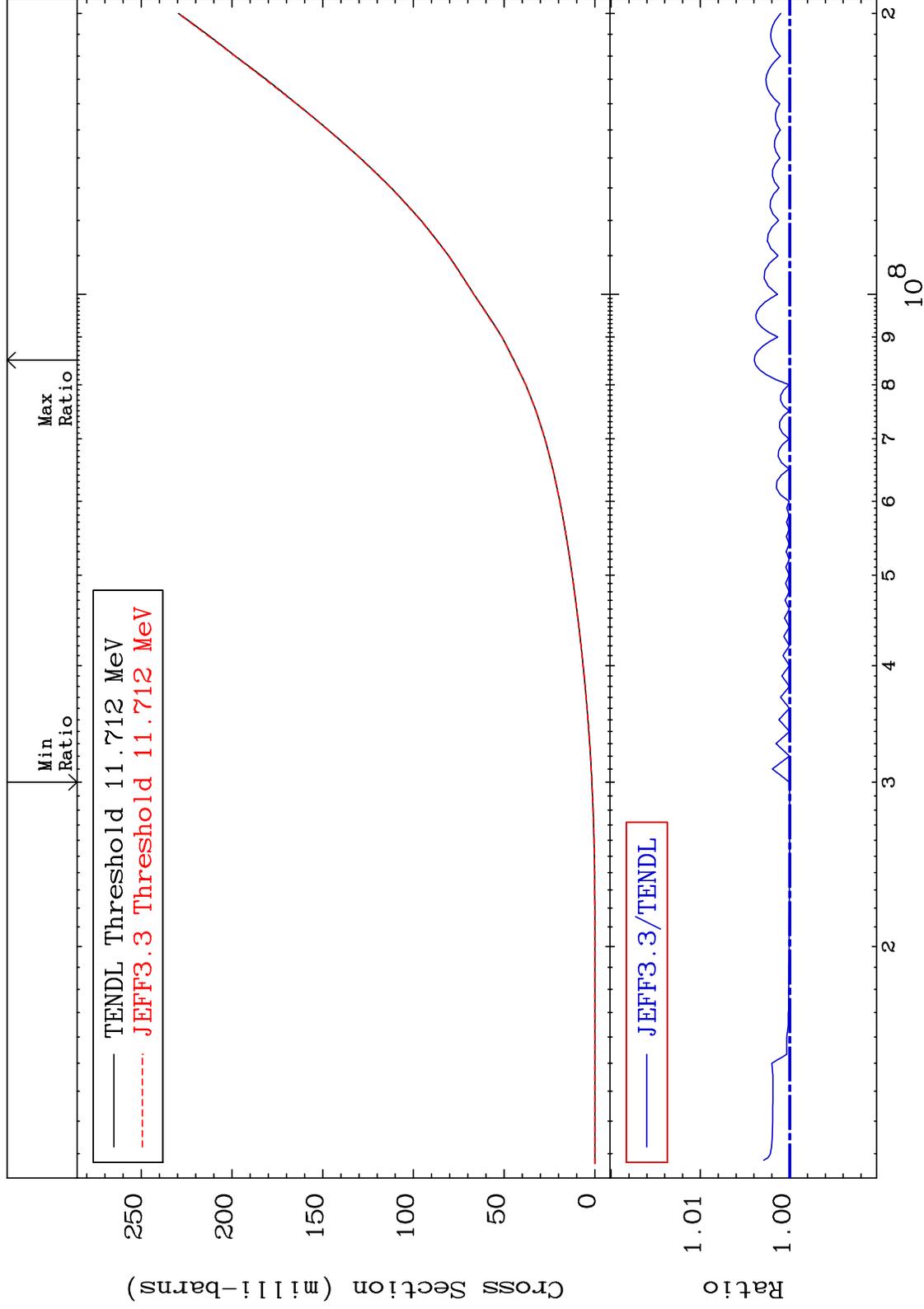
Incident Energy (eV)

<sup>34</sup>Se-79

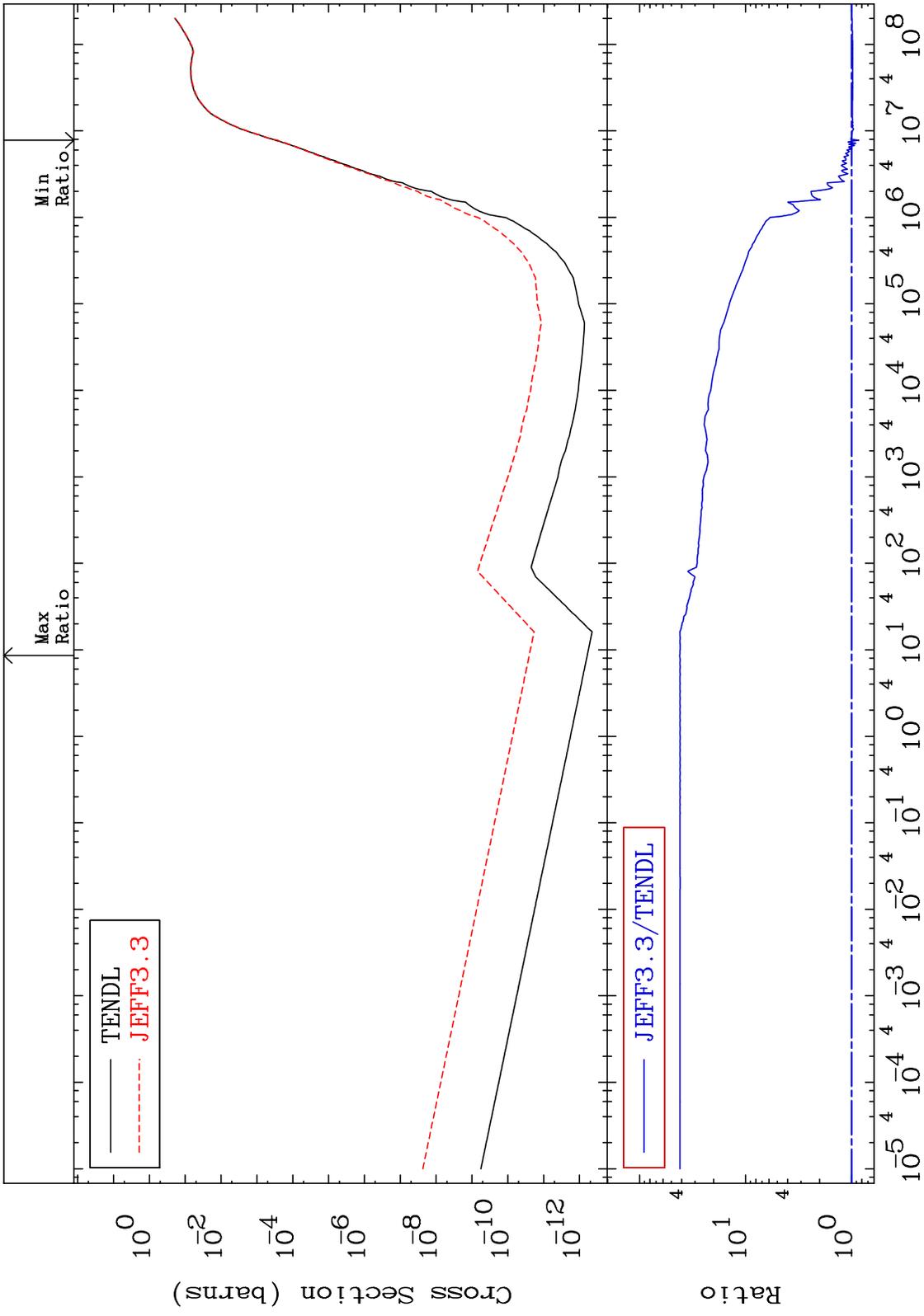
MAT 3440

He-3 Production  
Cross Section

34-Se-79  
To 0.397 %

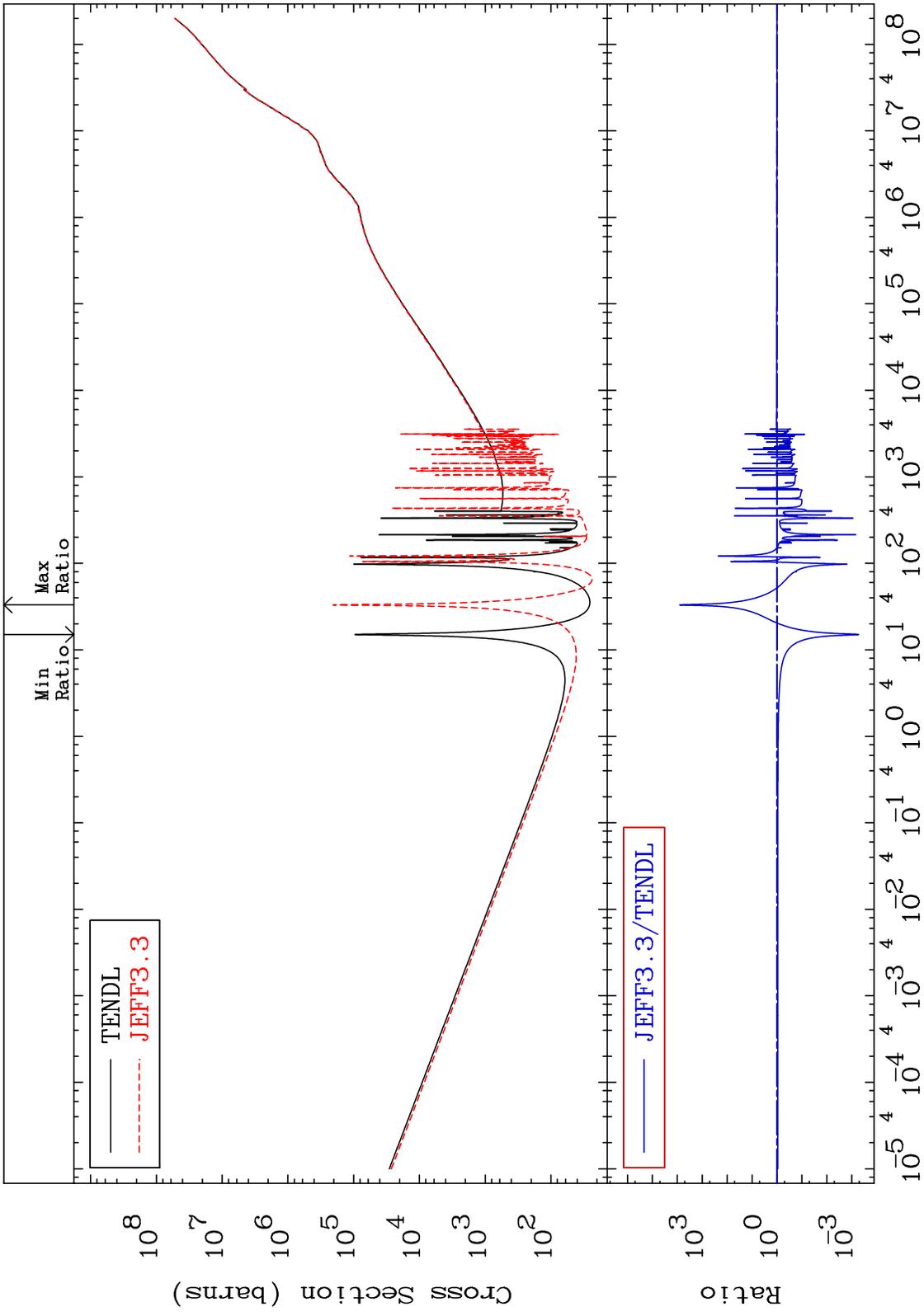


MAT 3440 He-4 Production Cross Section 34-Se-79  
 -14.75 To 4075. %



67 34-Se-79

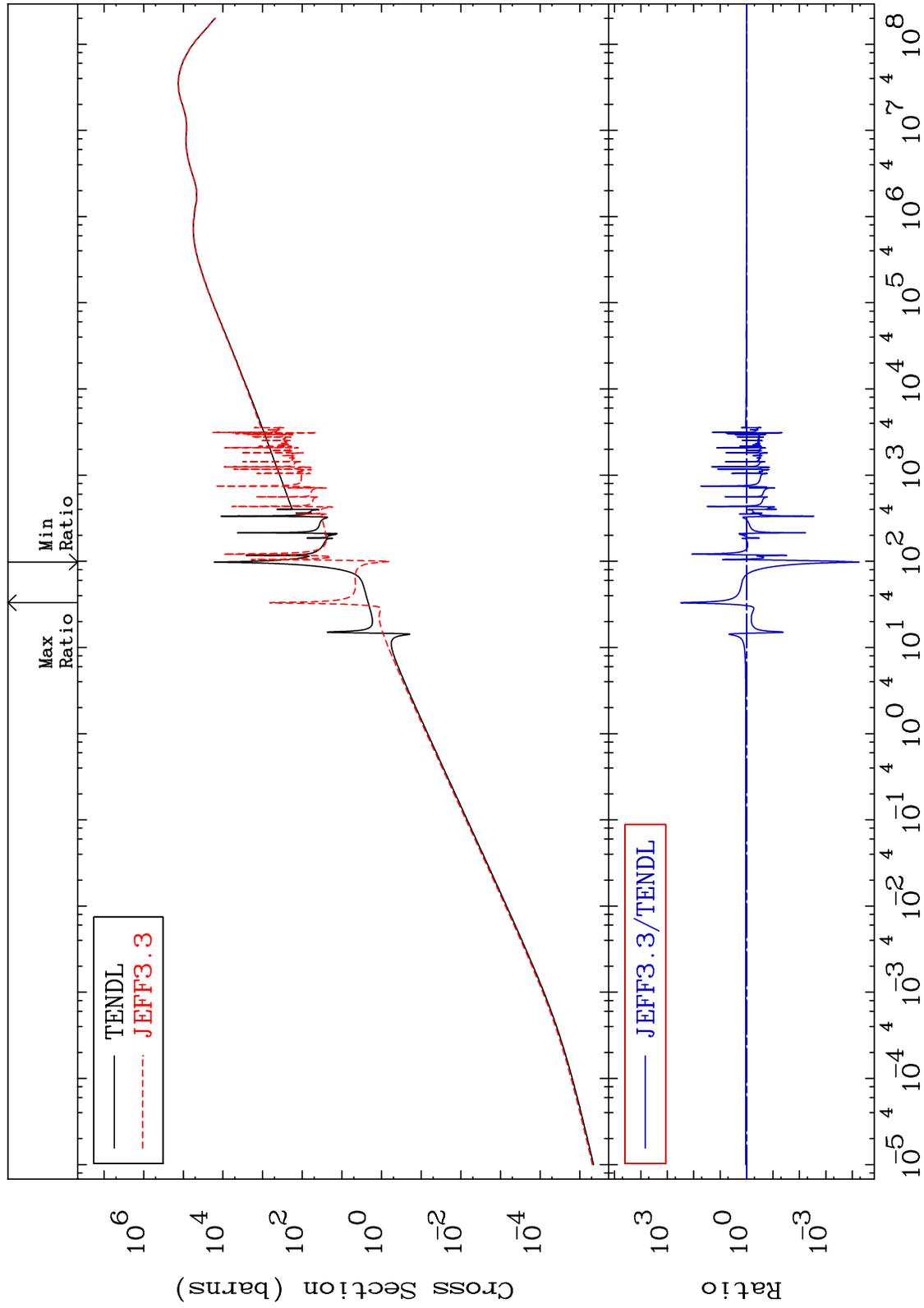
MAT 3440 Kerma total (eV-barns) 34-Se-79  
 Cross Section -99.95 To 9999. %



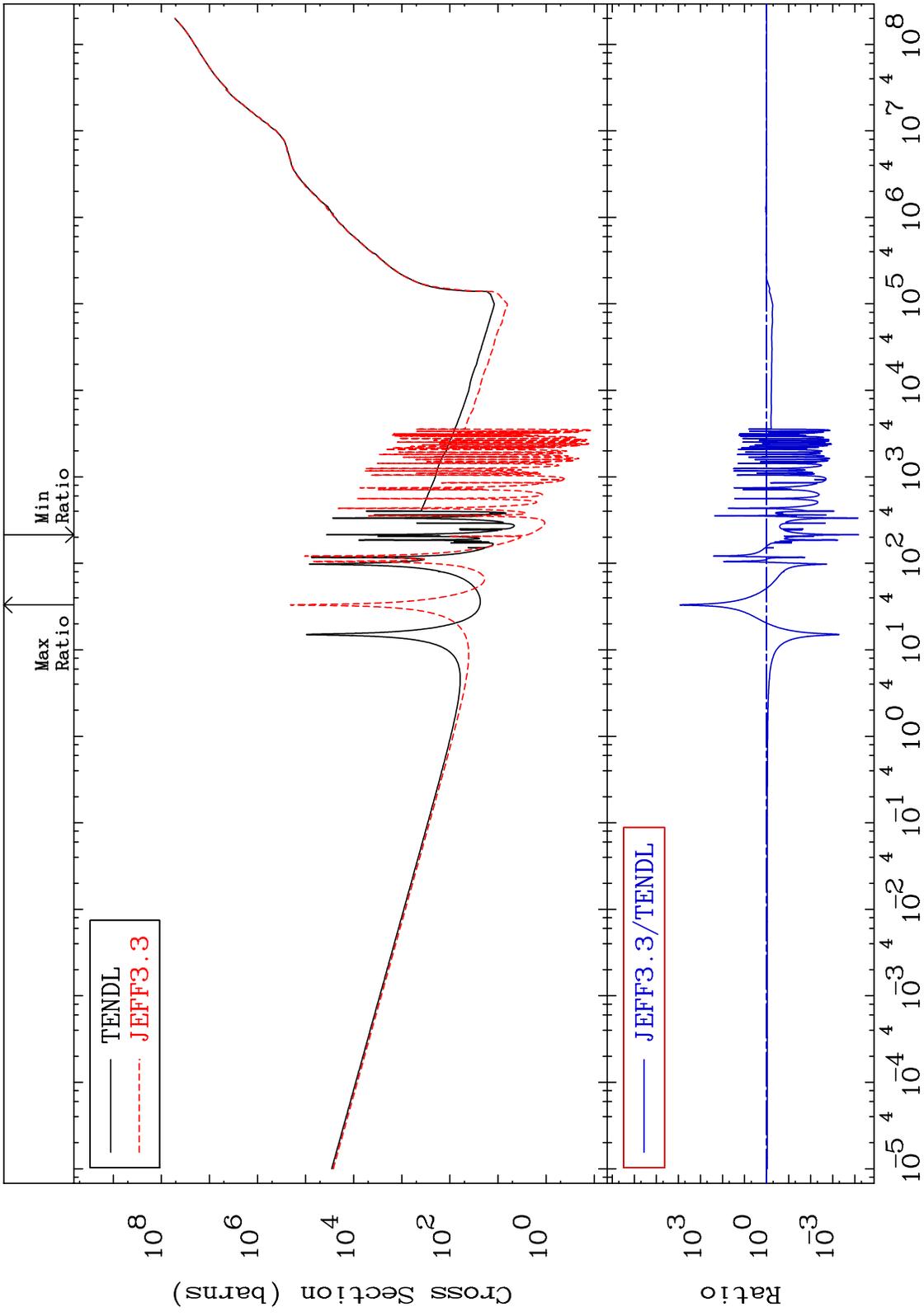
MAT 3440

Kerma elastic  
Cross Section

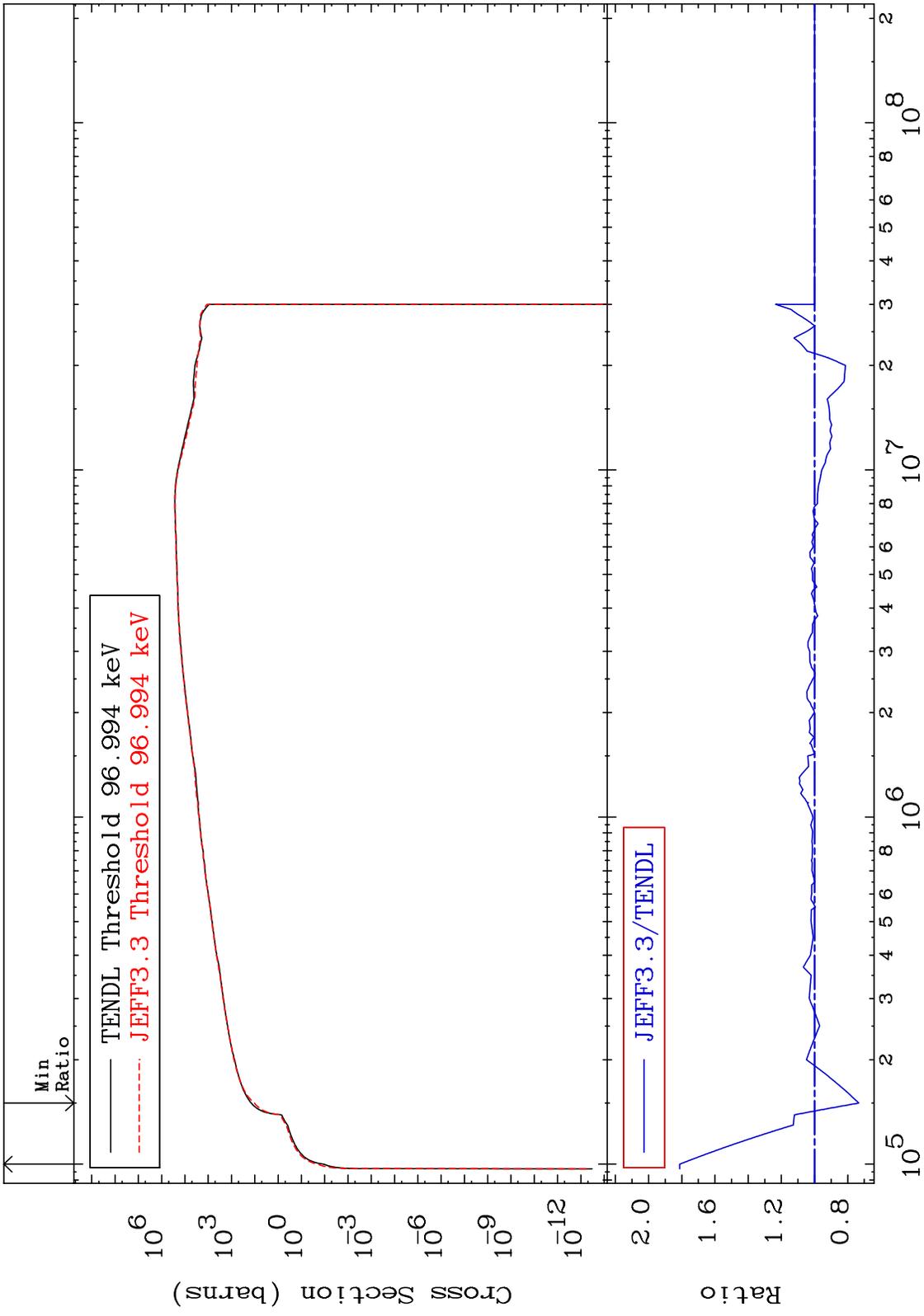
34-Se-79  
-99.99 To 9999. %



MAT 3440 Kerma non-elastic (all but mt2) Cross Section 34-Se-79  
 -99.99 To 9999. %



MAT 3440 Kerma inelastic (mt51-91) 34-Se-79  
 Cross Section -26.69 To 81.23 %

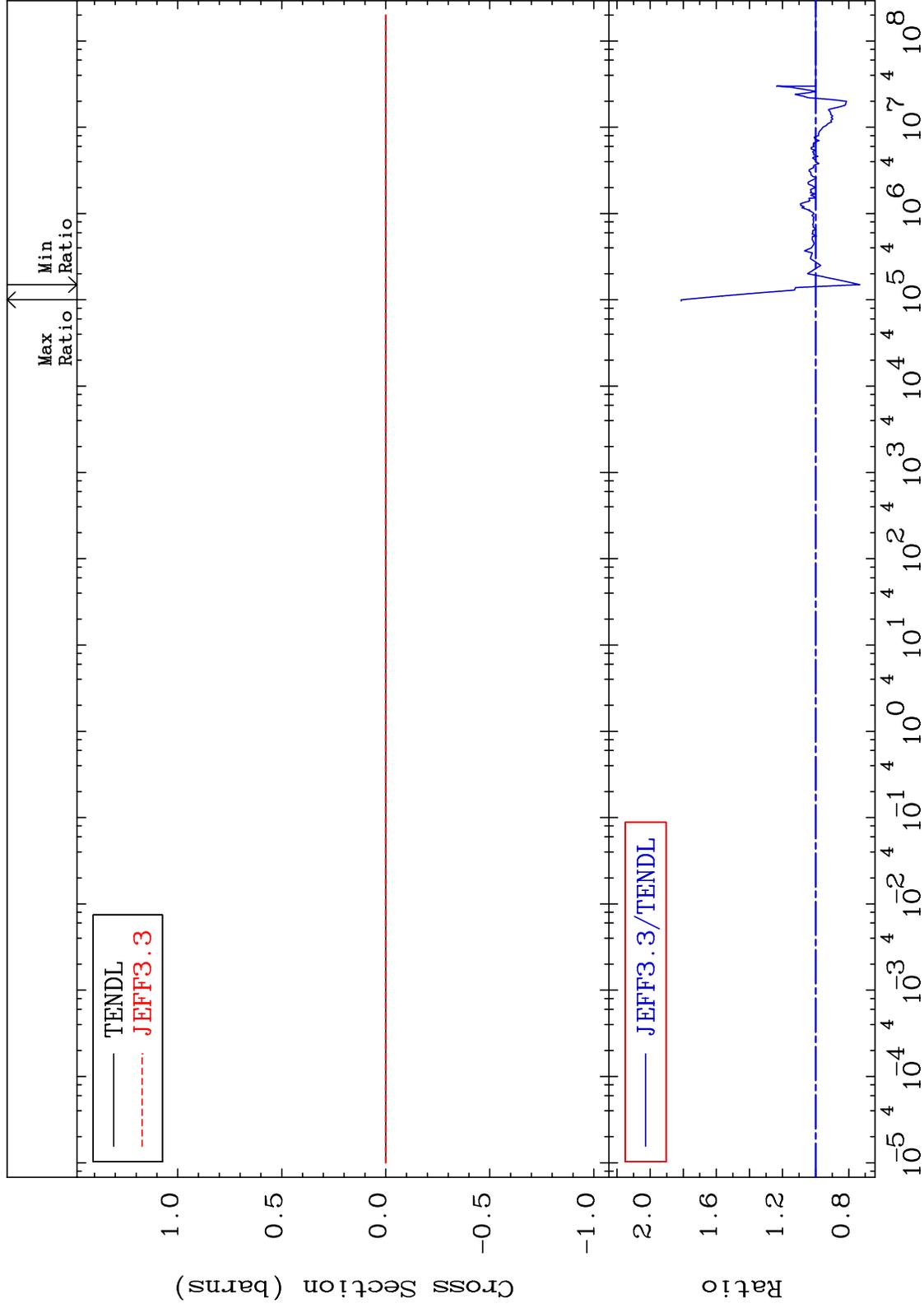


71 Incident Energy (eV) 34-Se-79

MAT 3440

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

34-Se-79  
-26.69 To 81.23 %



72

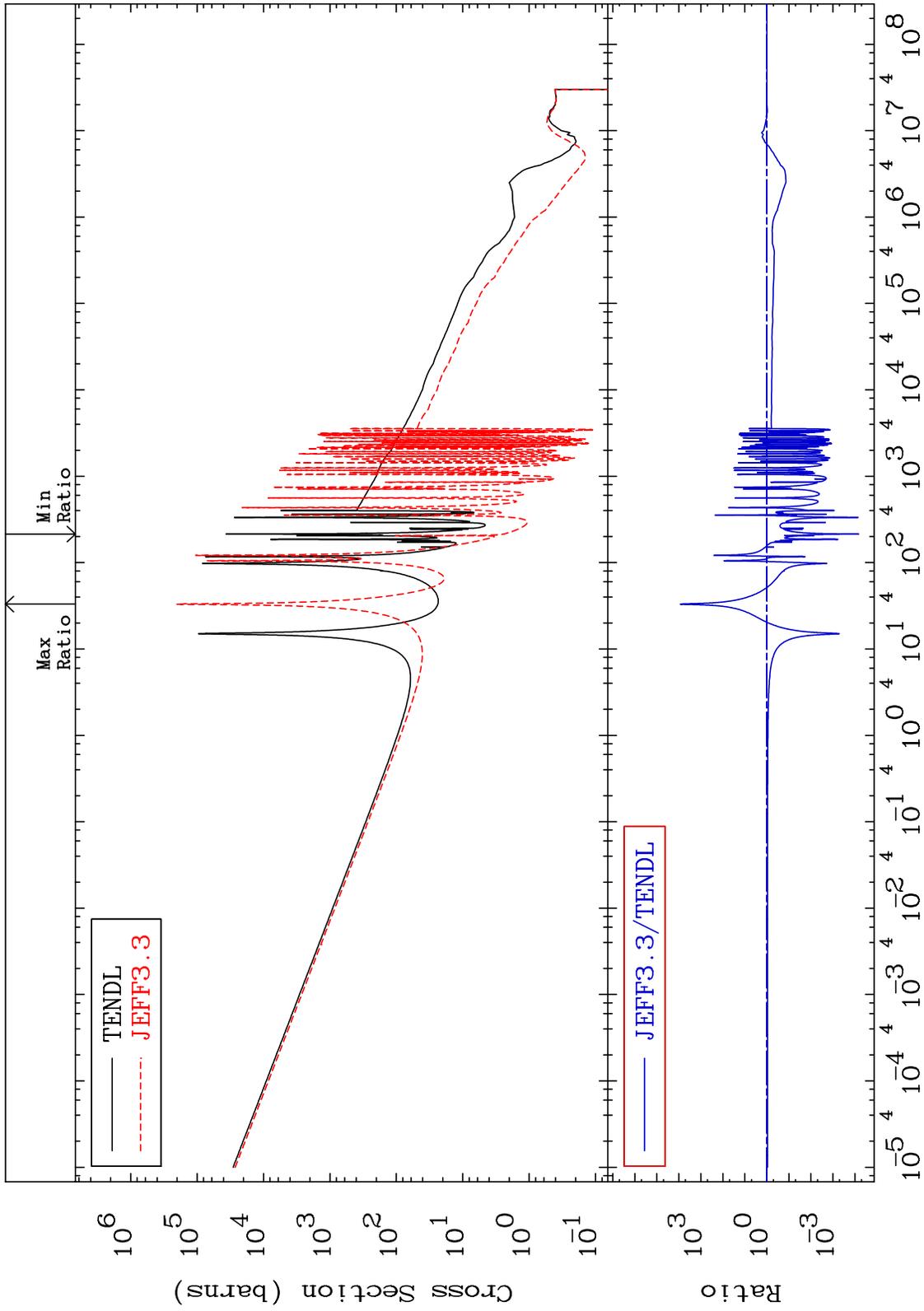
Incident Energy (eV)

34-Se-79

MAT 3440

Kerma capture (mt102)  
Cross Section

34-Se-79  
-99.99 To 9999. %

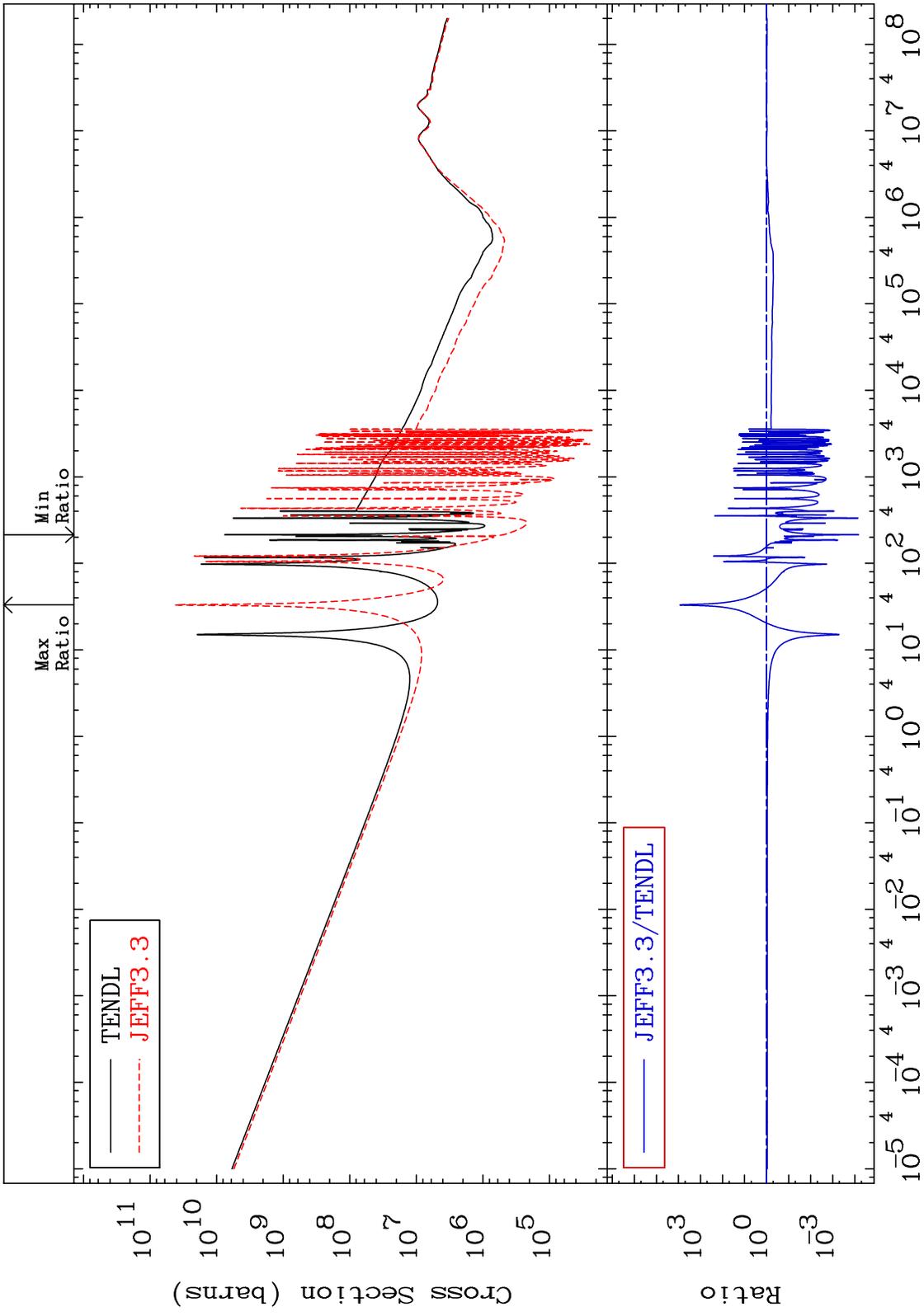


73

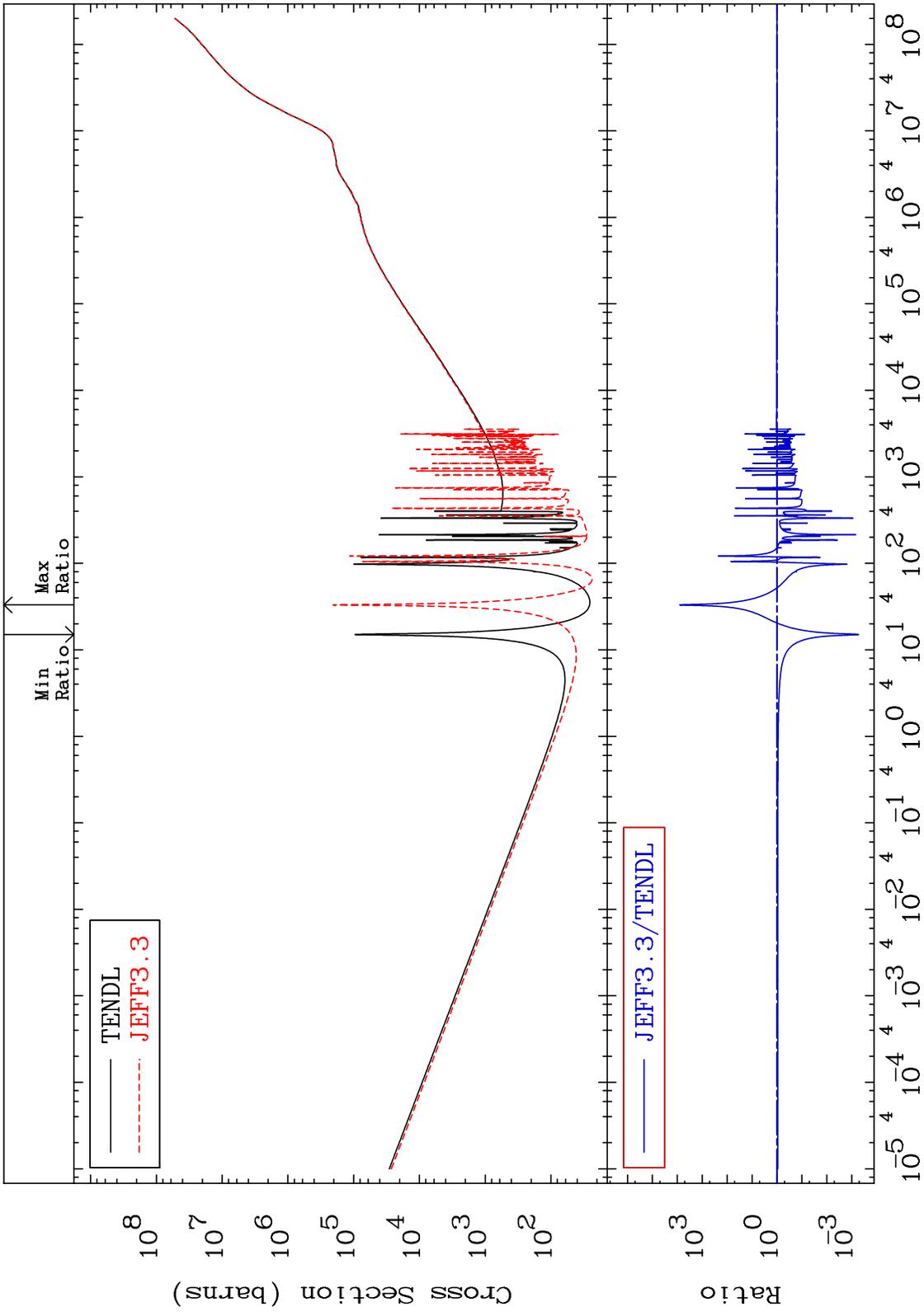
Incident Energy (eV)

34-Se-79

MAT 3440 34-Se-79  
 Total photon (eV-barns) -99.99 To 9999. %  
 Cross Section

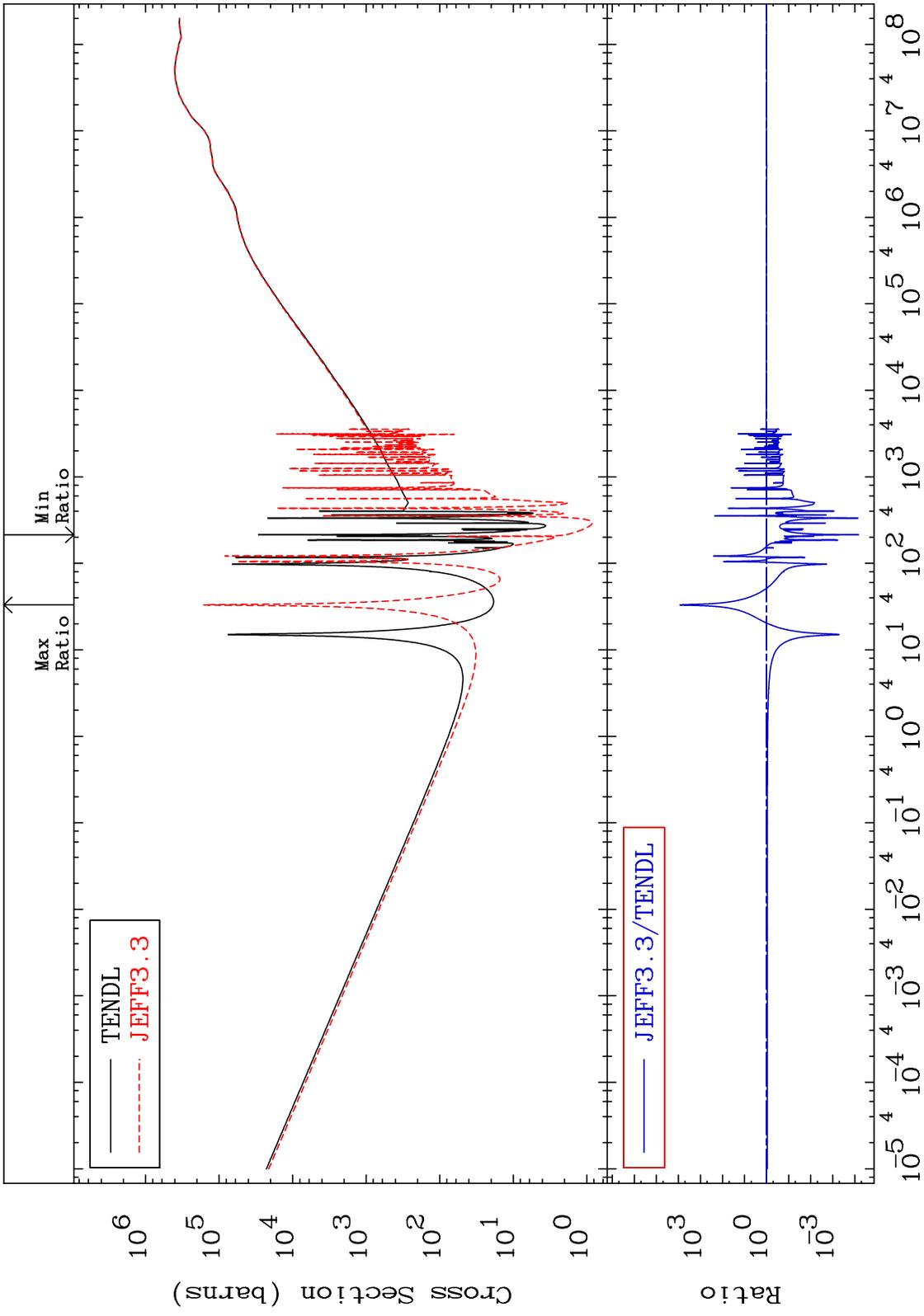


MAT 3440 Total kinematic kerma (high limit) 34-Se-79  
Cross Section -99.95 To 9999. %



75 34-Se-79

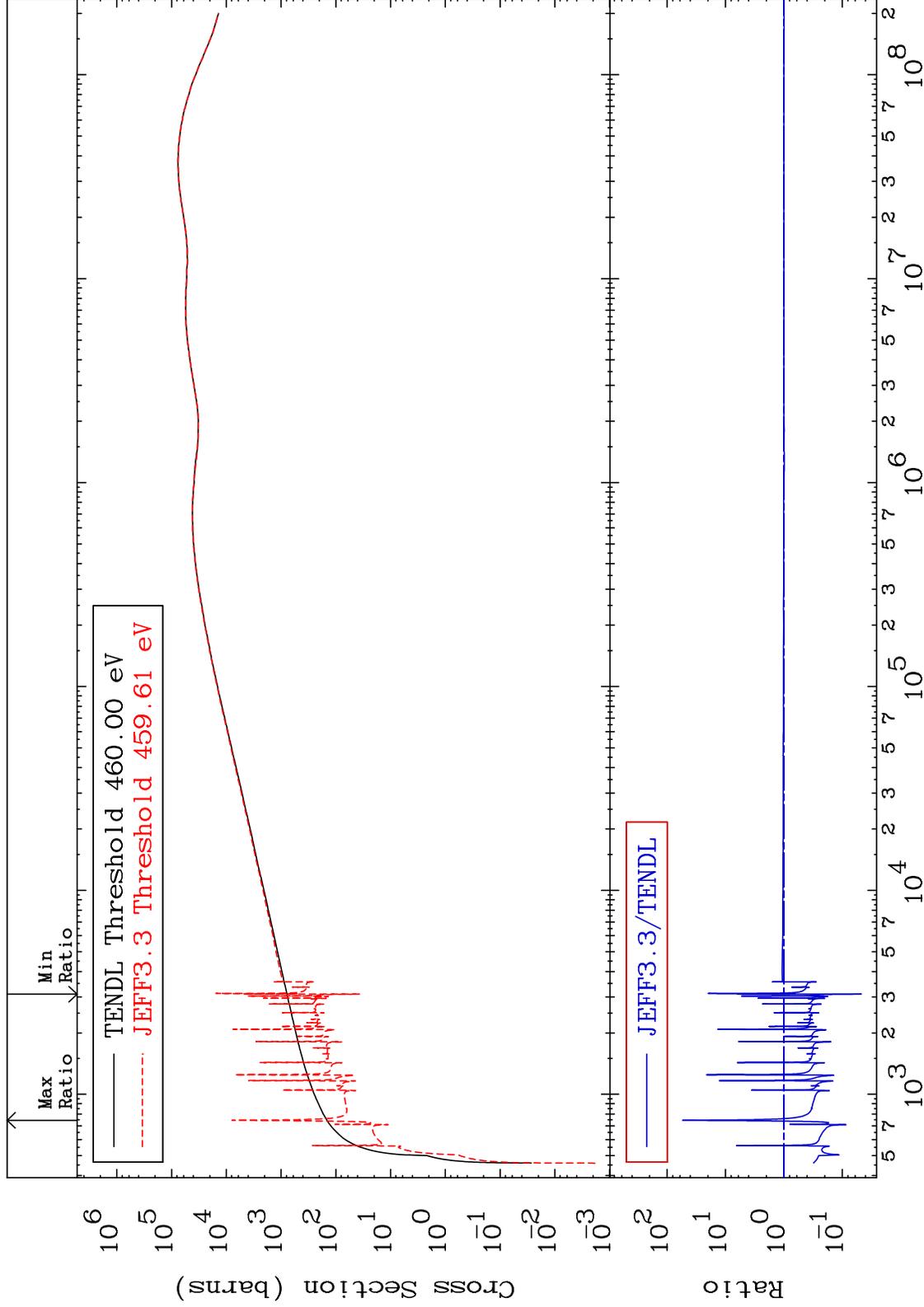
MAT 3440      Dpa total (eV-barns)      34-Se-79  
 Cross Section      -99.99 To 9999. %



MAT 3440

Dpa elastic (mt2)  
Cross Section

34-Se-79  
-95.29 To 5365. %



77

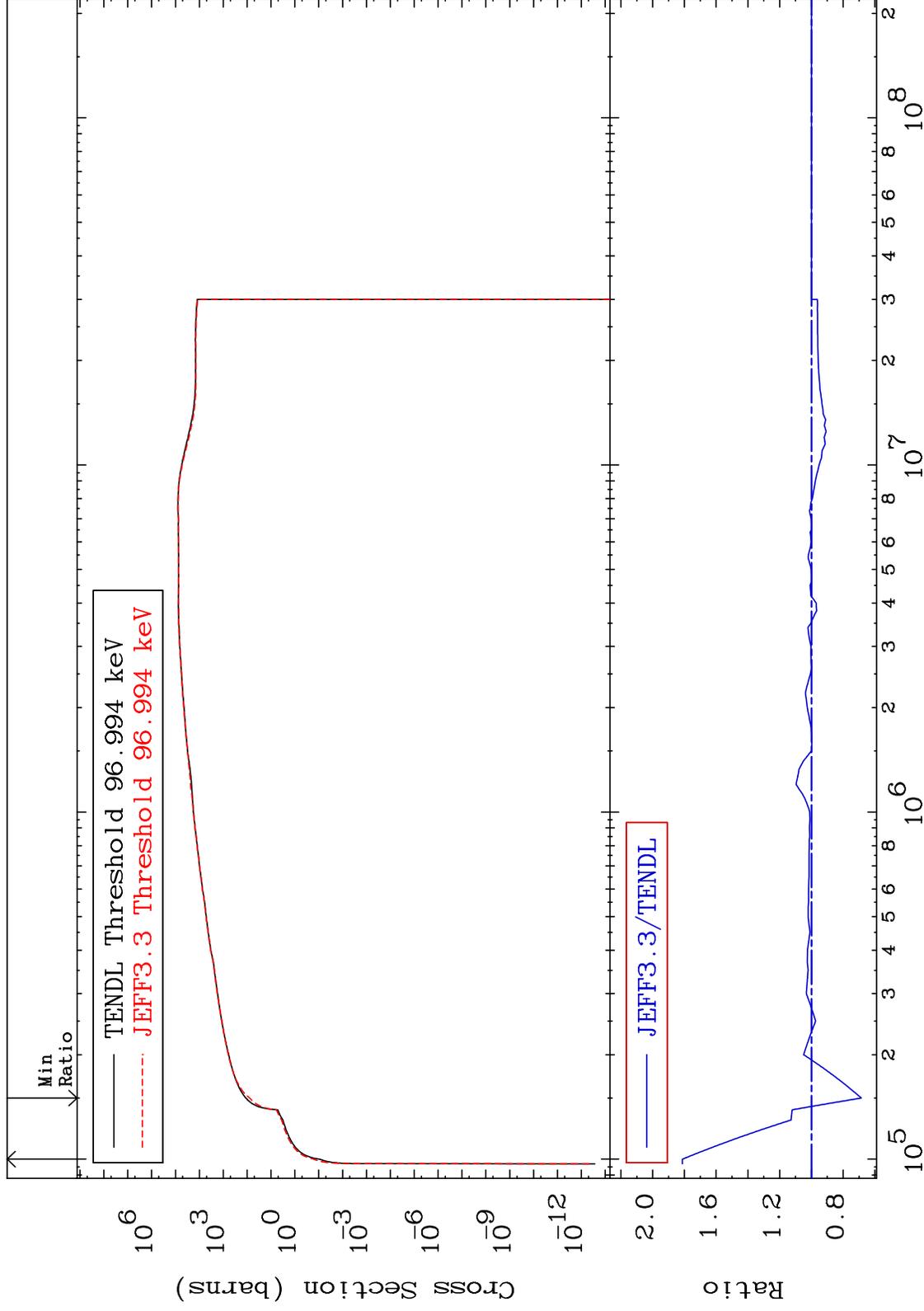
34-Se-79

34-Se-79

MAT 3440

Dpa inelastic (mt51-91)  
Cross Section

34-Se-79  
-31.47 To 81.23 %



78

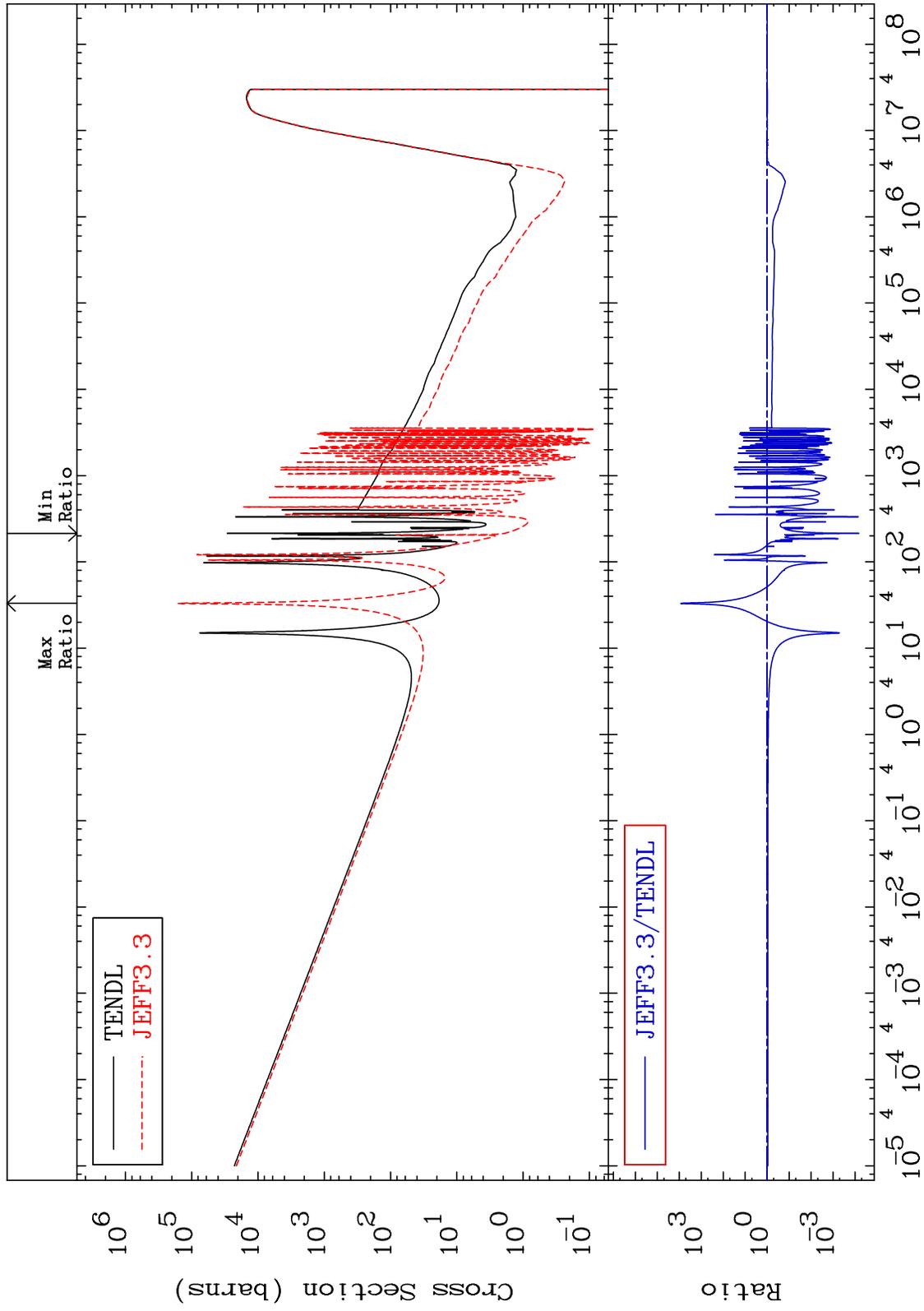
34-Se-79

34-Se-79

MAT 3440

Dpa disappearance (mt102 -120)  
Cross Section

34-Se-79  
-99.99 To 9999. %

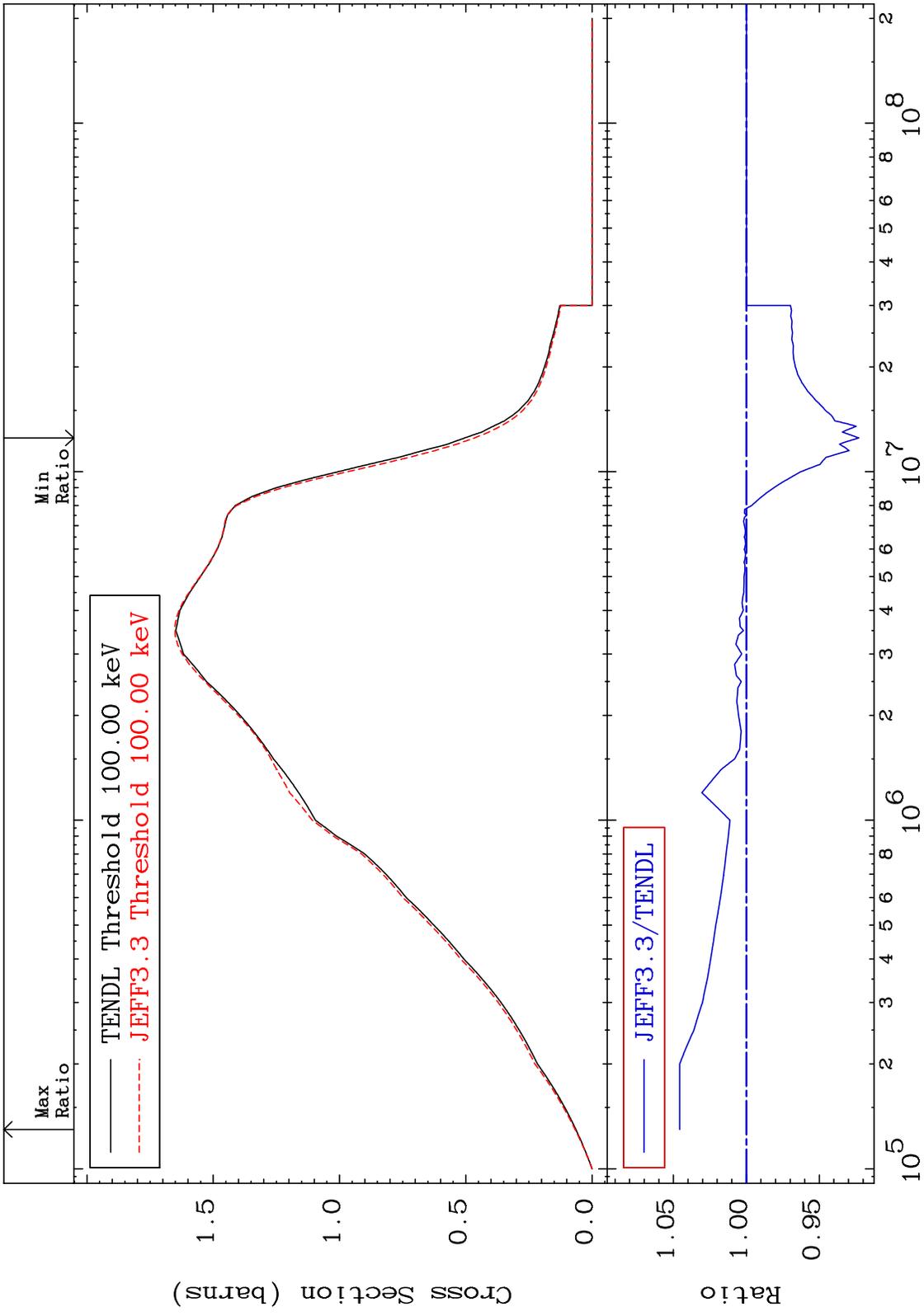


79

Incident Energy (eV)

34-Se-79

MAT 3440 Inelastic: 34-Se-79g 34-Se-79  
 Radionuclide Production Cross Section -7.706 To 4.564 %

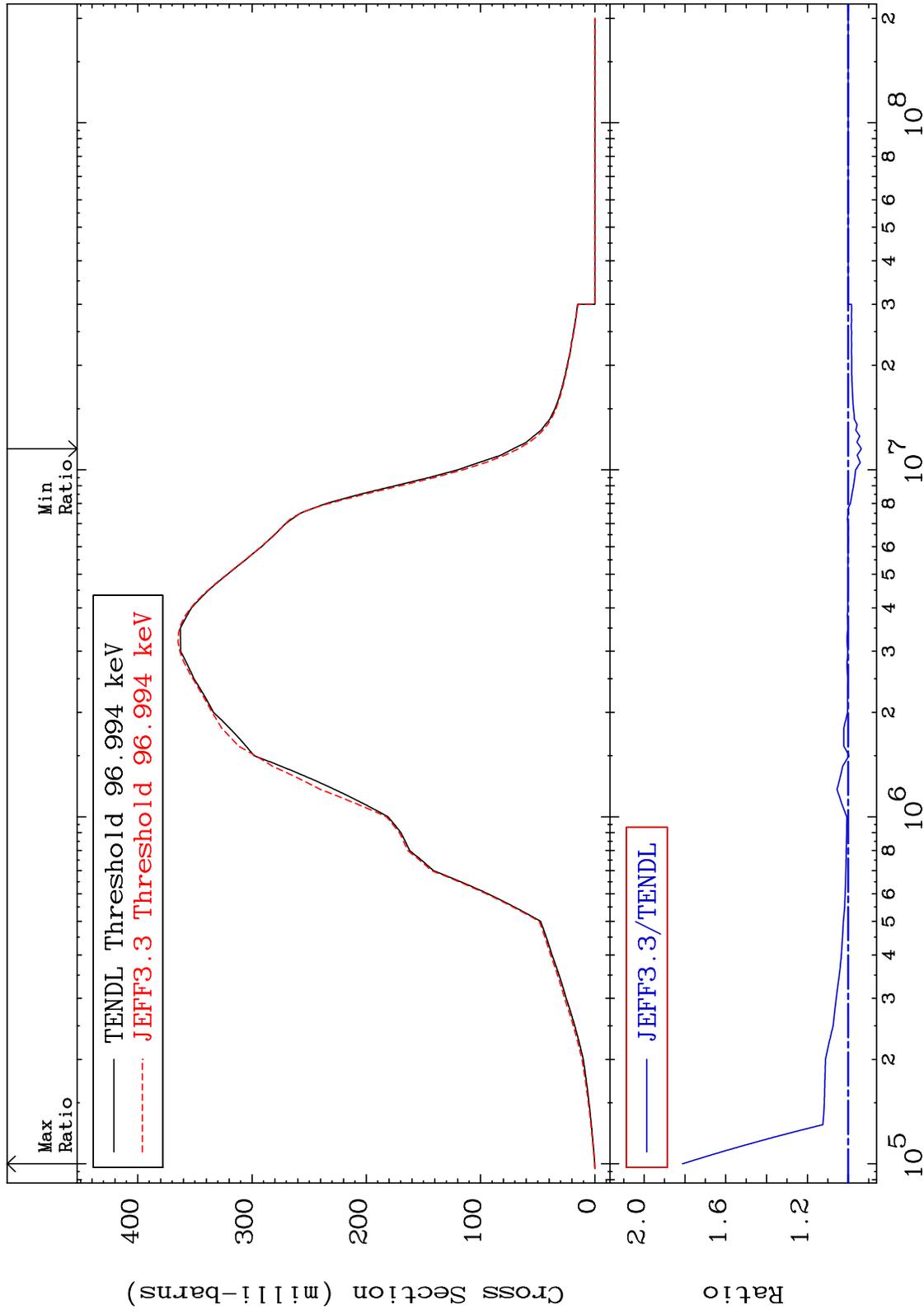


MAT 3440

Inelastic: 34-Se-79m1

34-Se-79

Radionuclide Production Cross Section -6.425 To 81.23 %

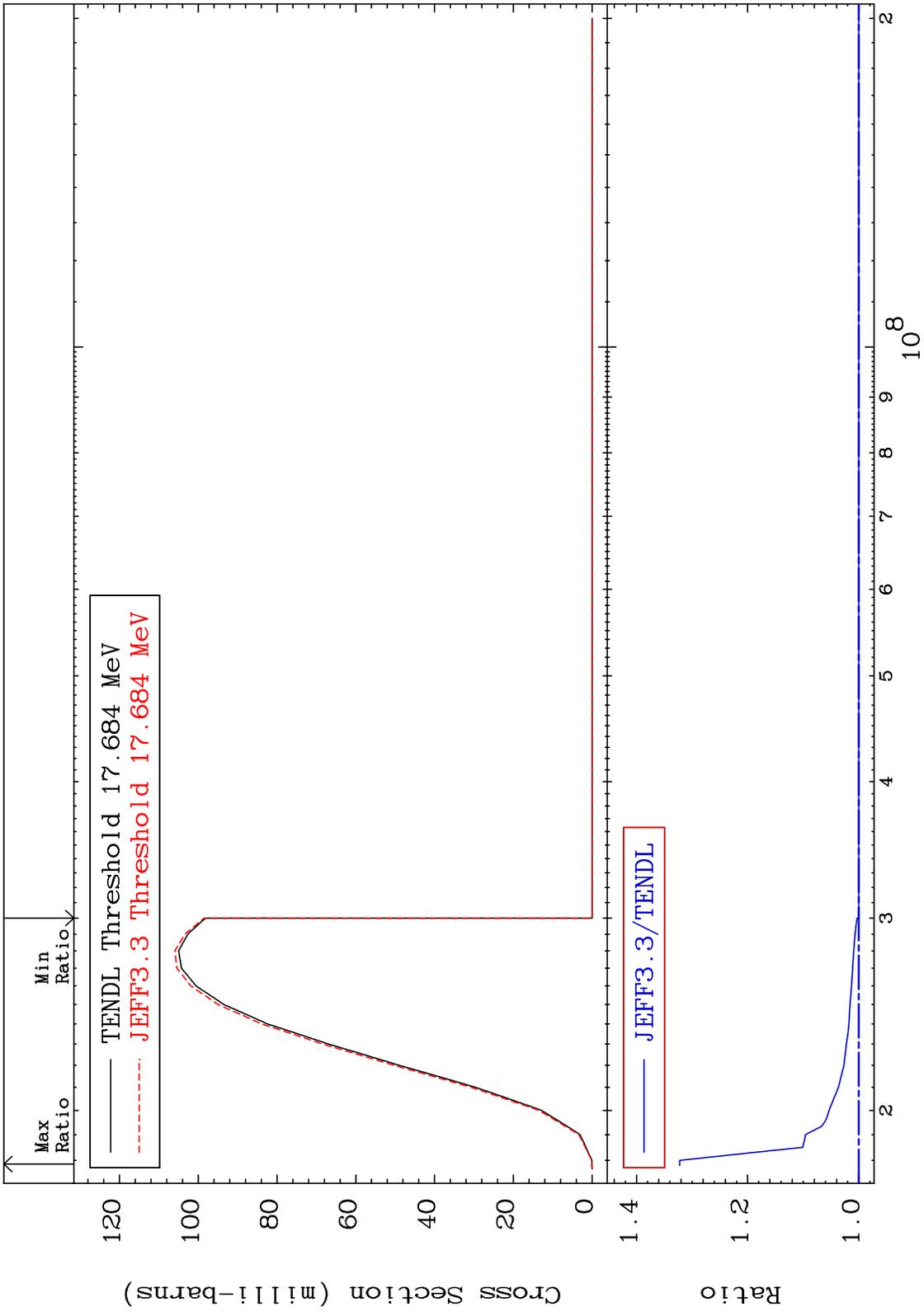


81

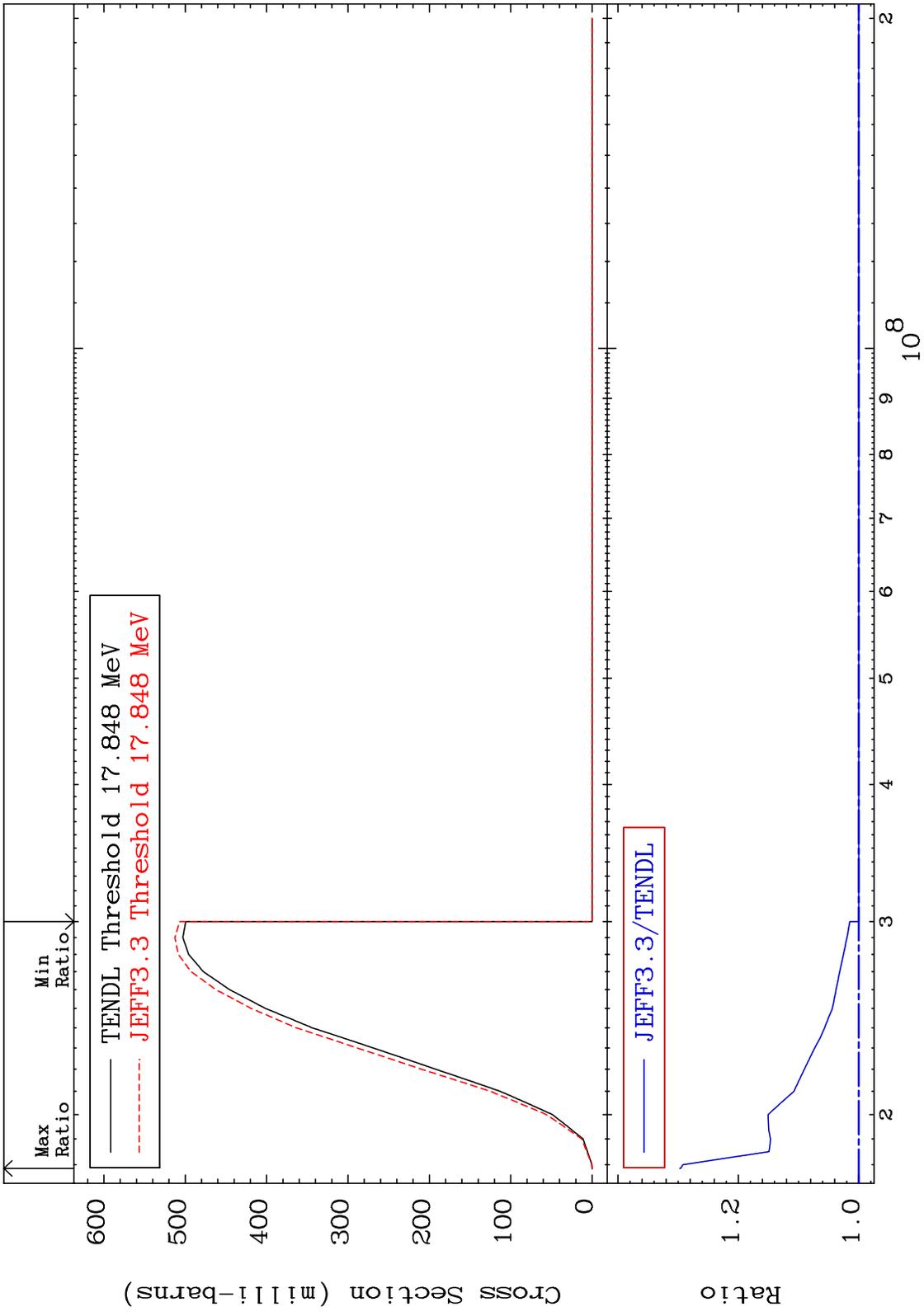
34-Se-79

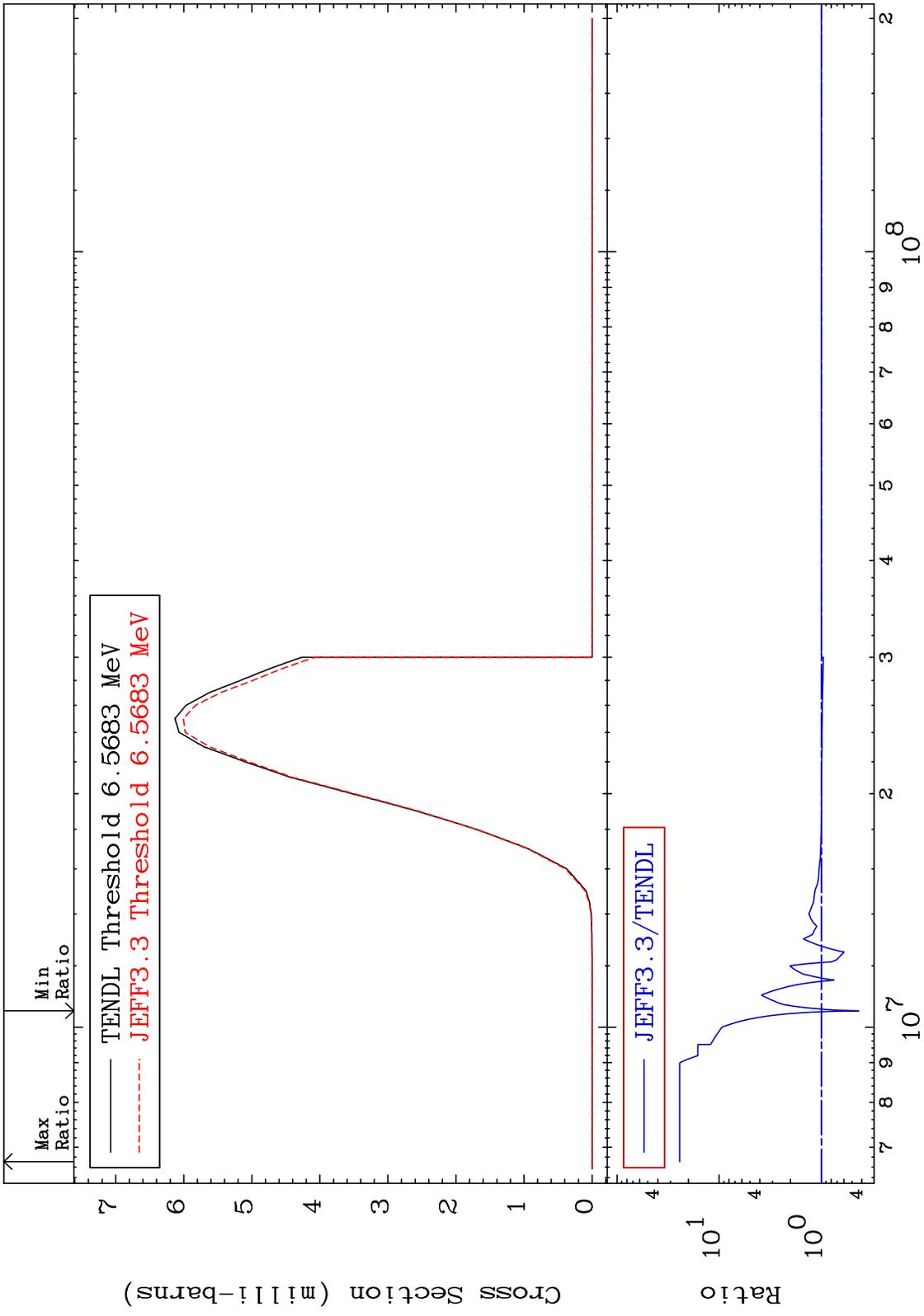
34-Se-79

MAT 3440 (n,3n):34-Se-77g 34-Se-79  
 Radionuclide Production Cross Section 0.000 To 32.21 %



MAT 3440 (n,3n):34-Se-77m1 34-Se-79  
 Radionuclide Production Cross Section 0.000 To 29.72 %



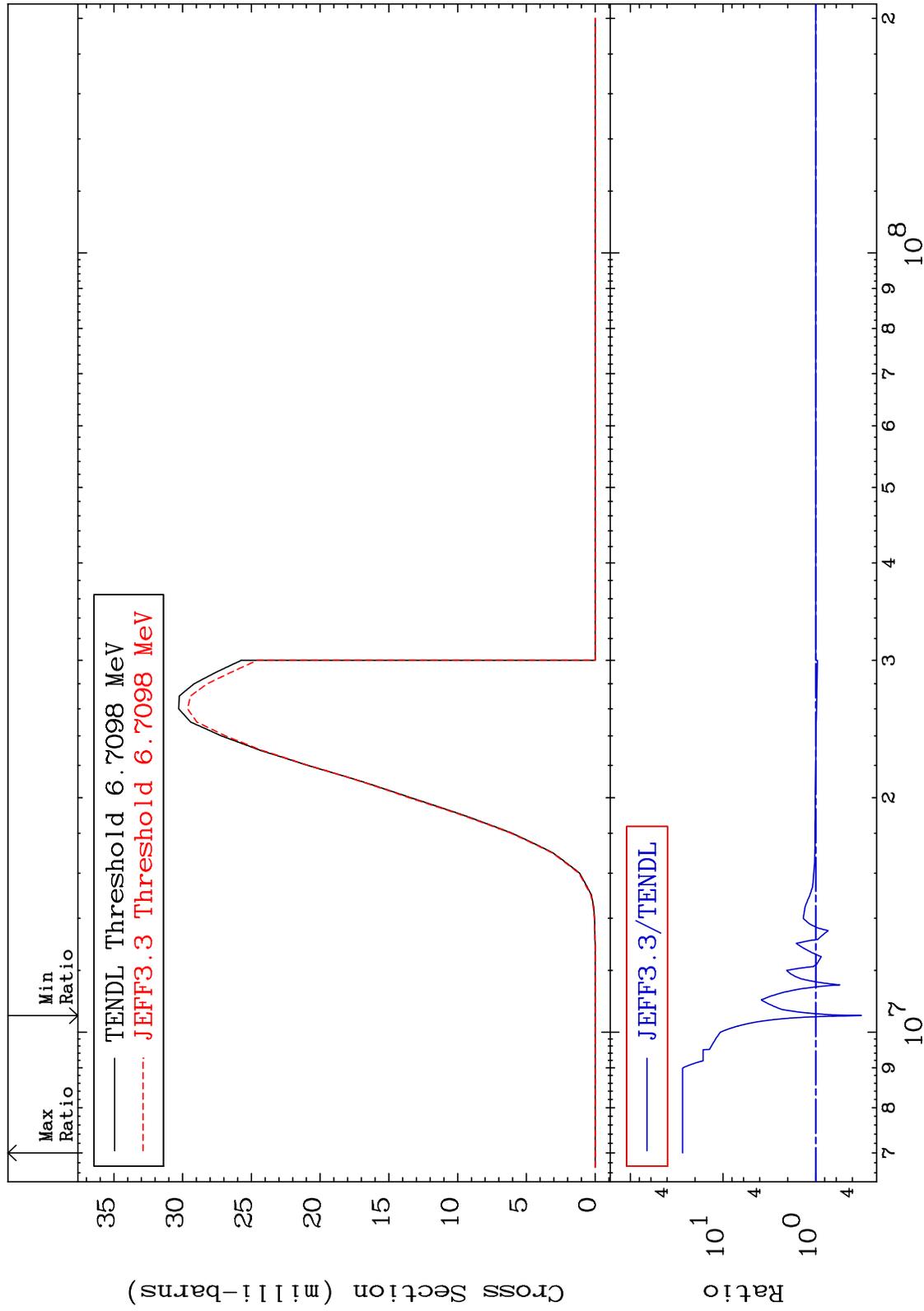


MAT 3440

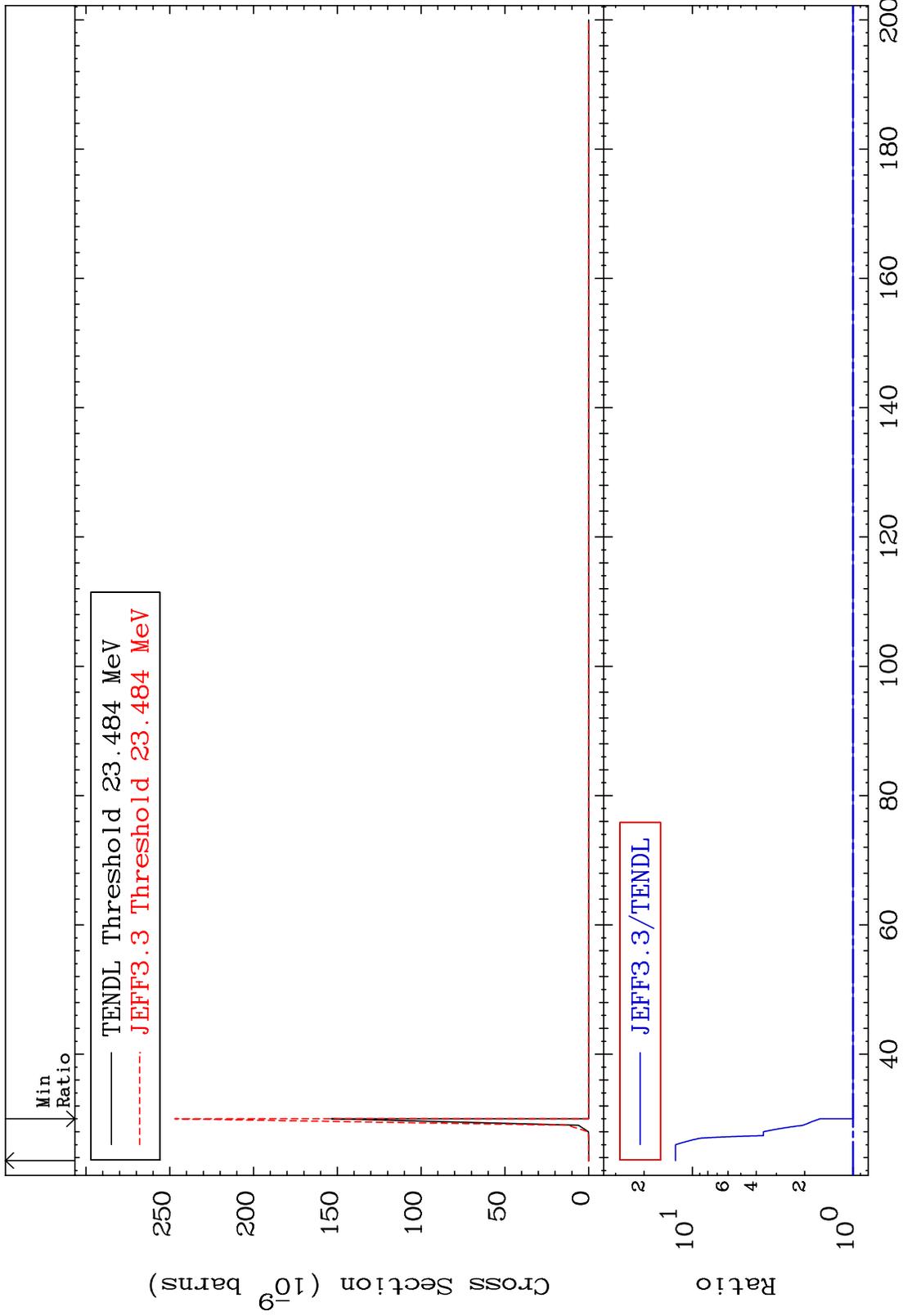
(n, n')  $\alpha$ : 32-Ge-75m2

34-Se-79

Radionuclide Production Cross Section -67.95 To 2620. %



MAT 3440 (n,3n)  $\alpha$ : 32-Ge-73g 34-Se-79  
 Radionuclide Production Cross Section 0.000 To 1172. %

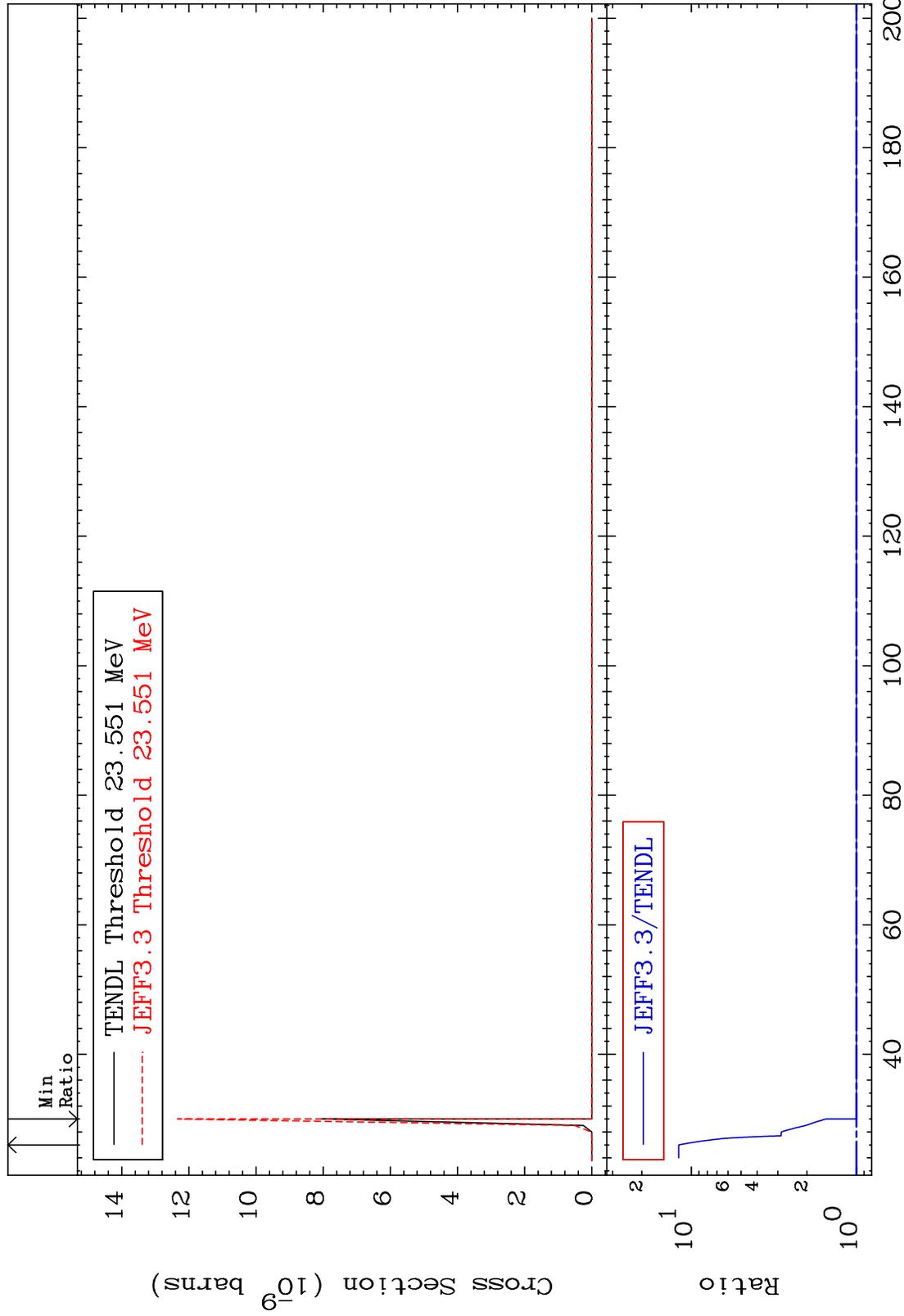


MAT 3440

(n,3n)  $\alpha$ :32-Ge-73m2

34-Se-79

Radionuclide Production Cross Section 0.000 To 1093. %

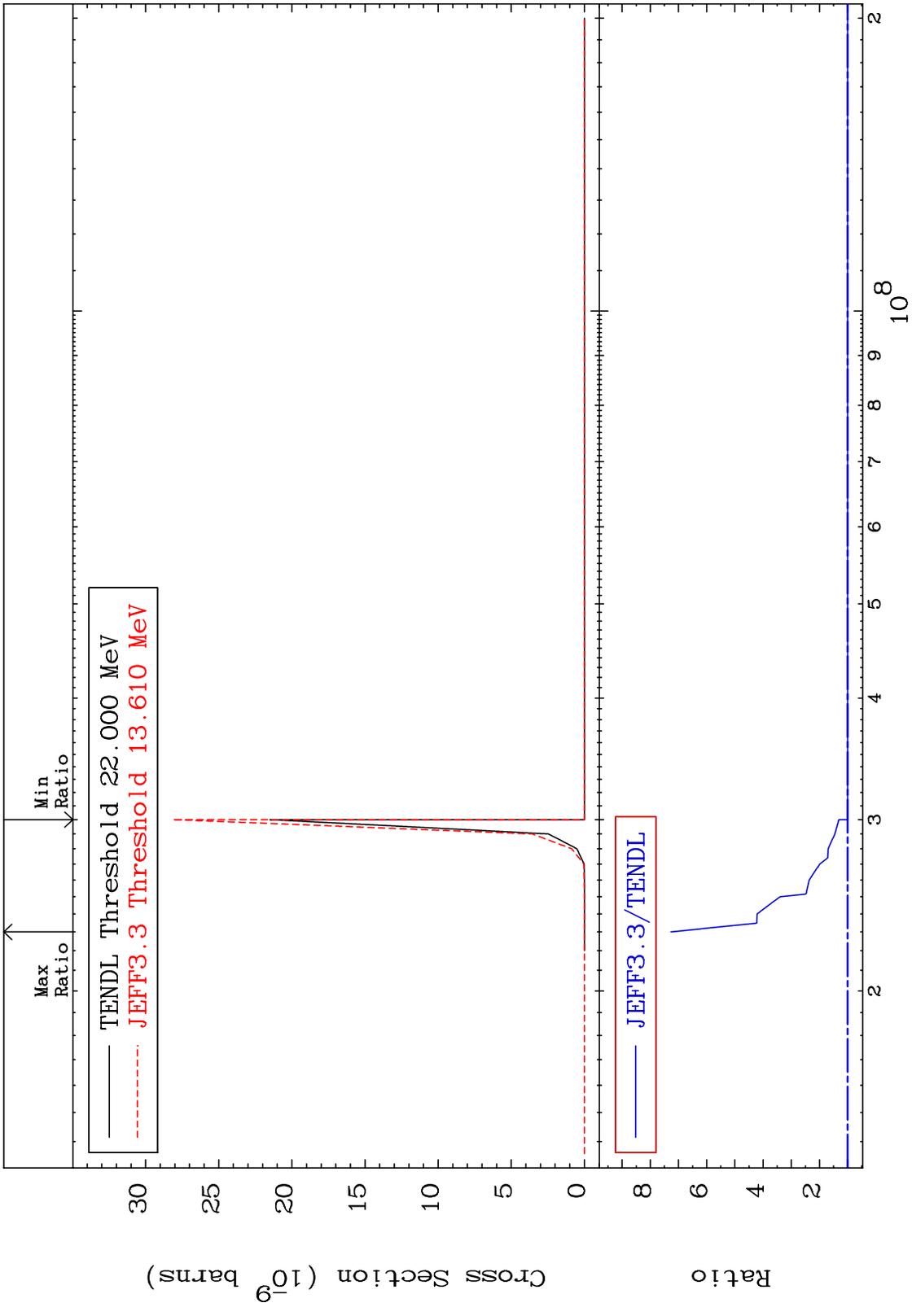


87

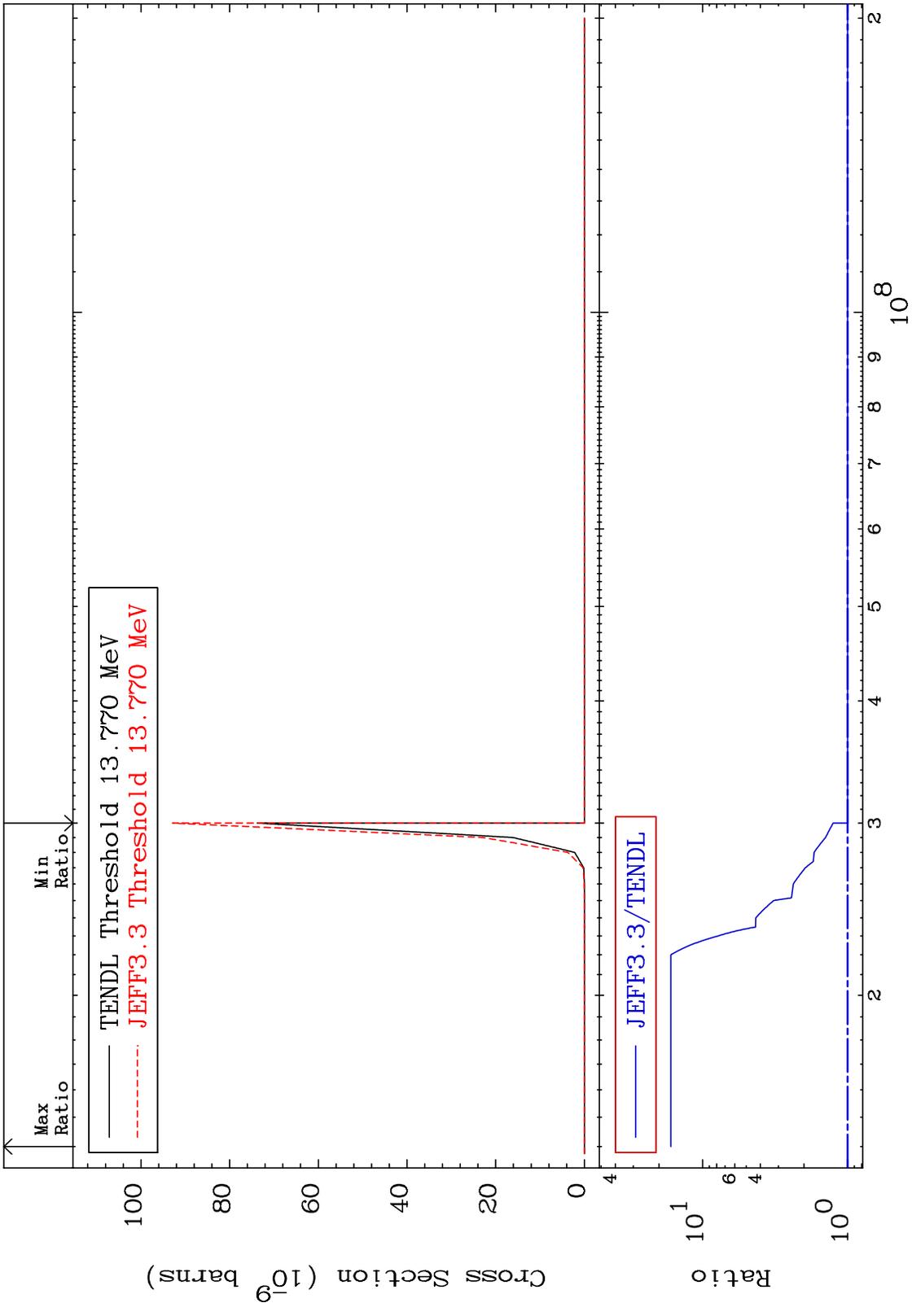
Incident Energy (MeV)

34-Se-79

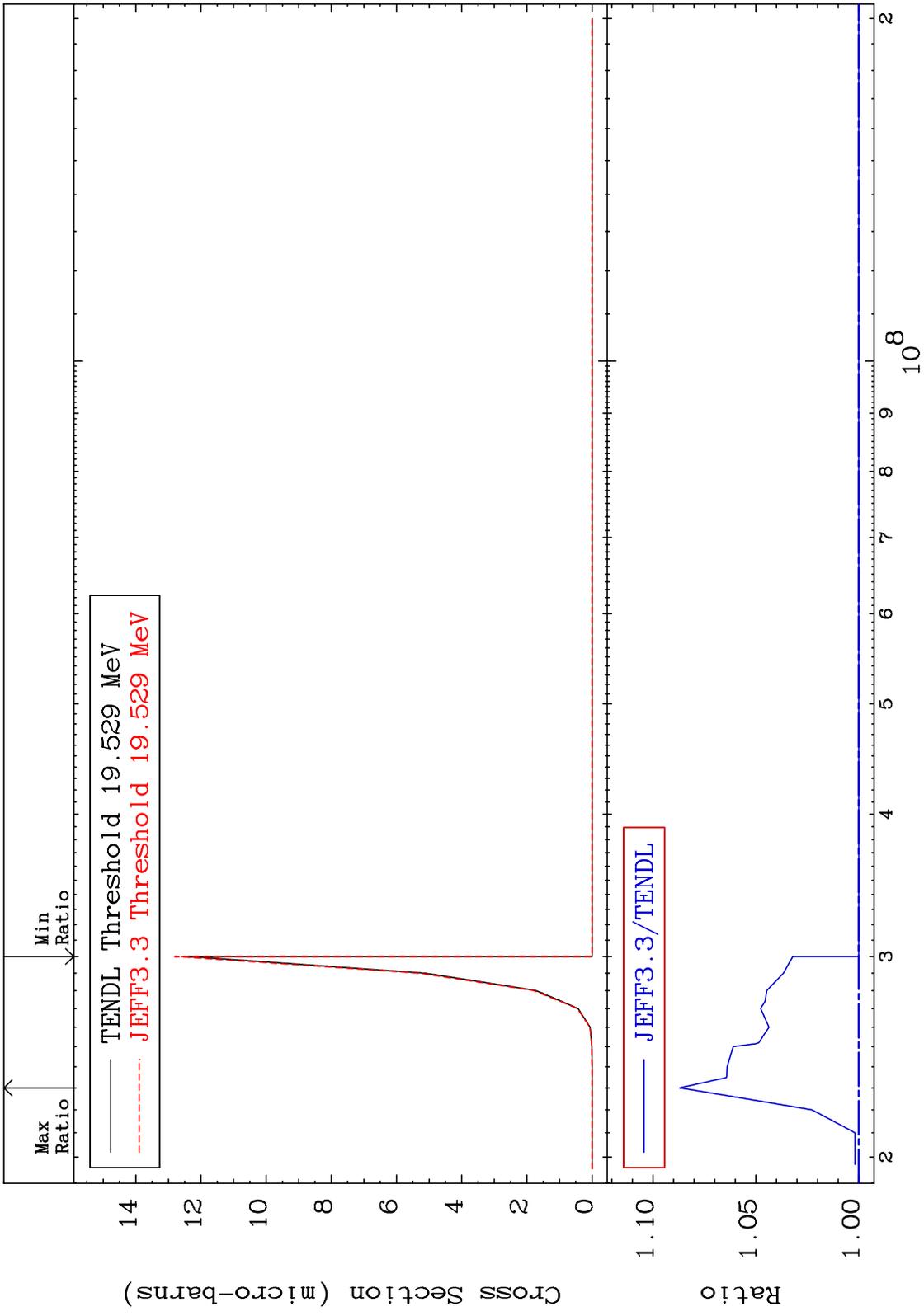
MAT 3440 (n, n') 2α:30-Zn-71g 34-Se-79  
 Radionuclide Production Cross Section 0.000 To 626.9 %



MAT 3440 (n,n') 2α:30-Zn-71m1 34-Se-79  
 Radionuclide Production Cross Section 0.000 To 1553. %



MAT 3440 (n,2n) p:32-Ge-77g 34-Se-79  
 Radionuclide Production Cross Section 0.000 To 8.696 %

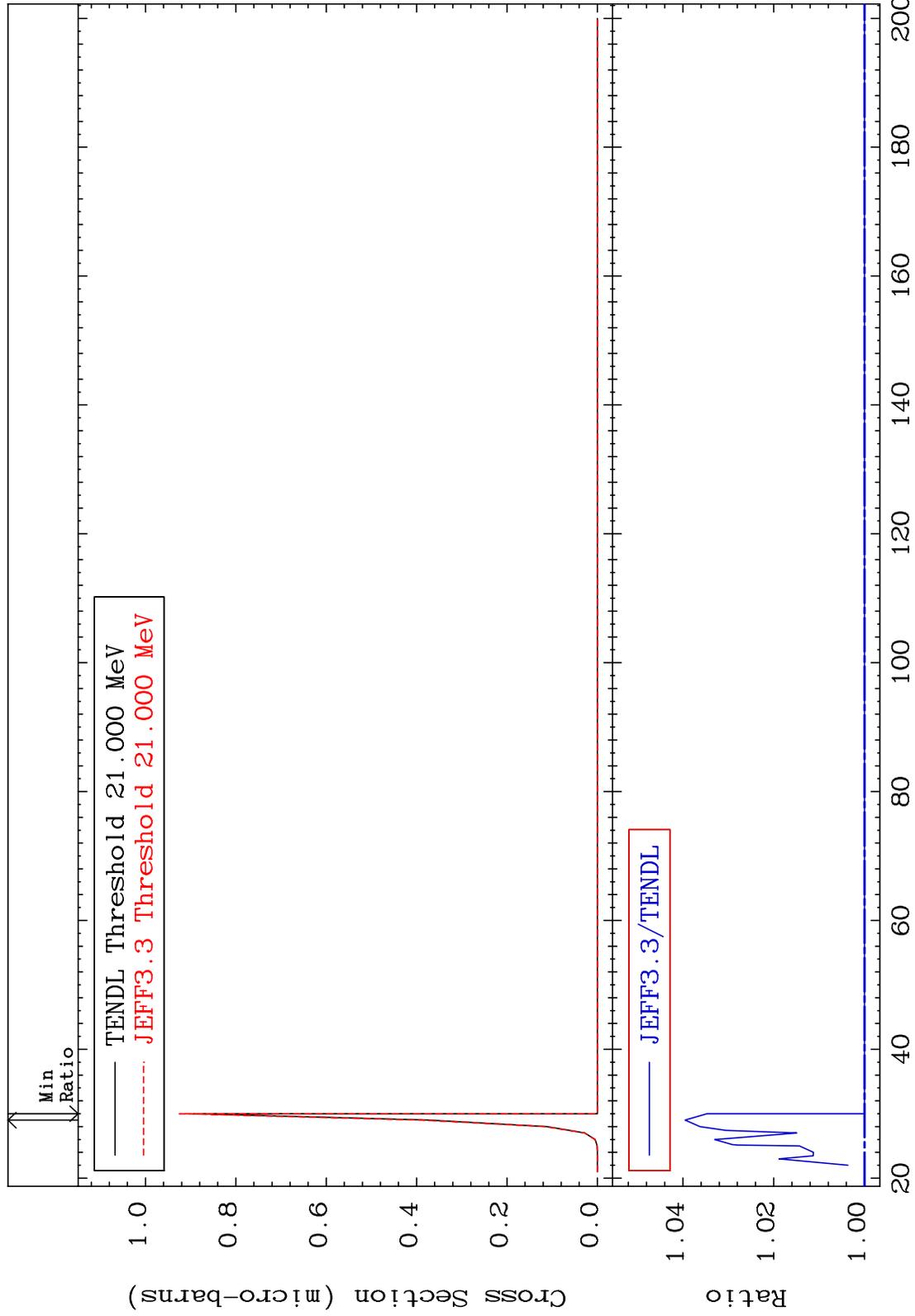


MAT 3440

(n,2n) p:32-Ge-77m1

34-<sup>Se</sup>-79

Radionuclide Production Cross Section 0.000 To 3.950 %

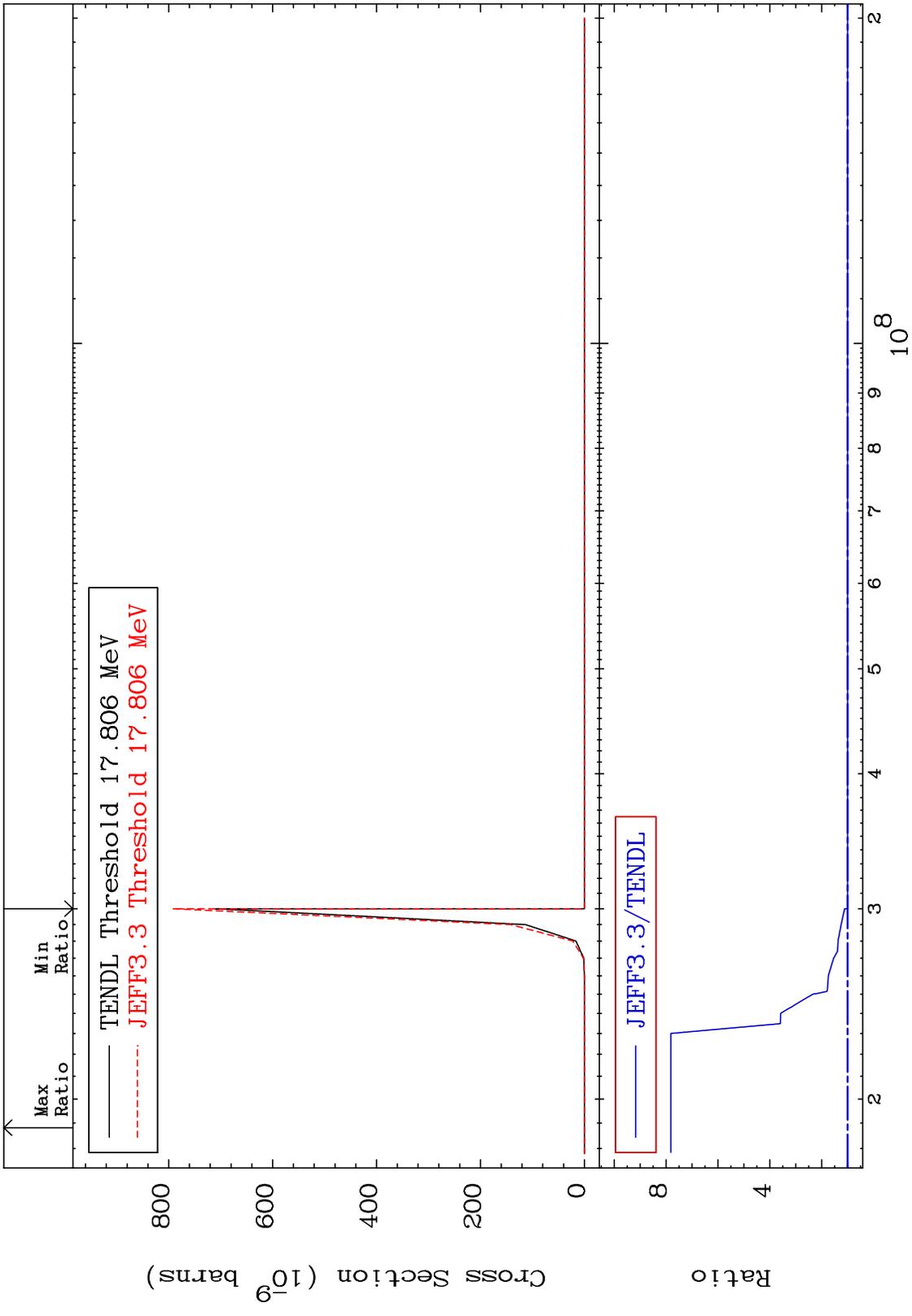


91

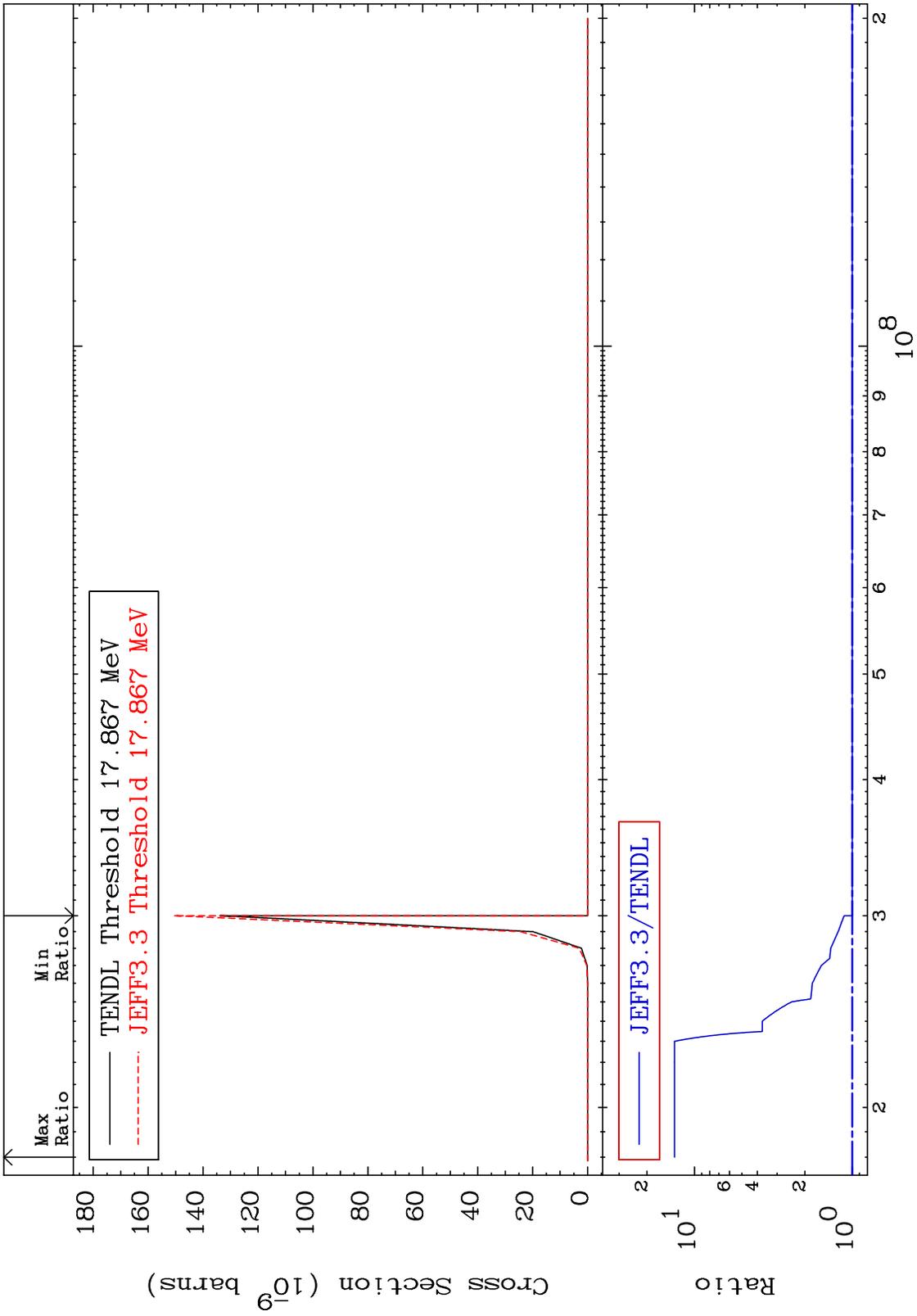
Incident Energy (MeV)

34-<sup>Se</sup>-79

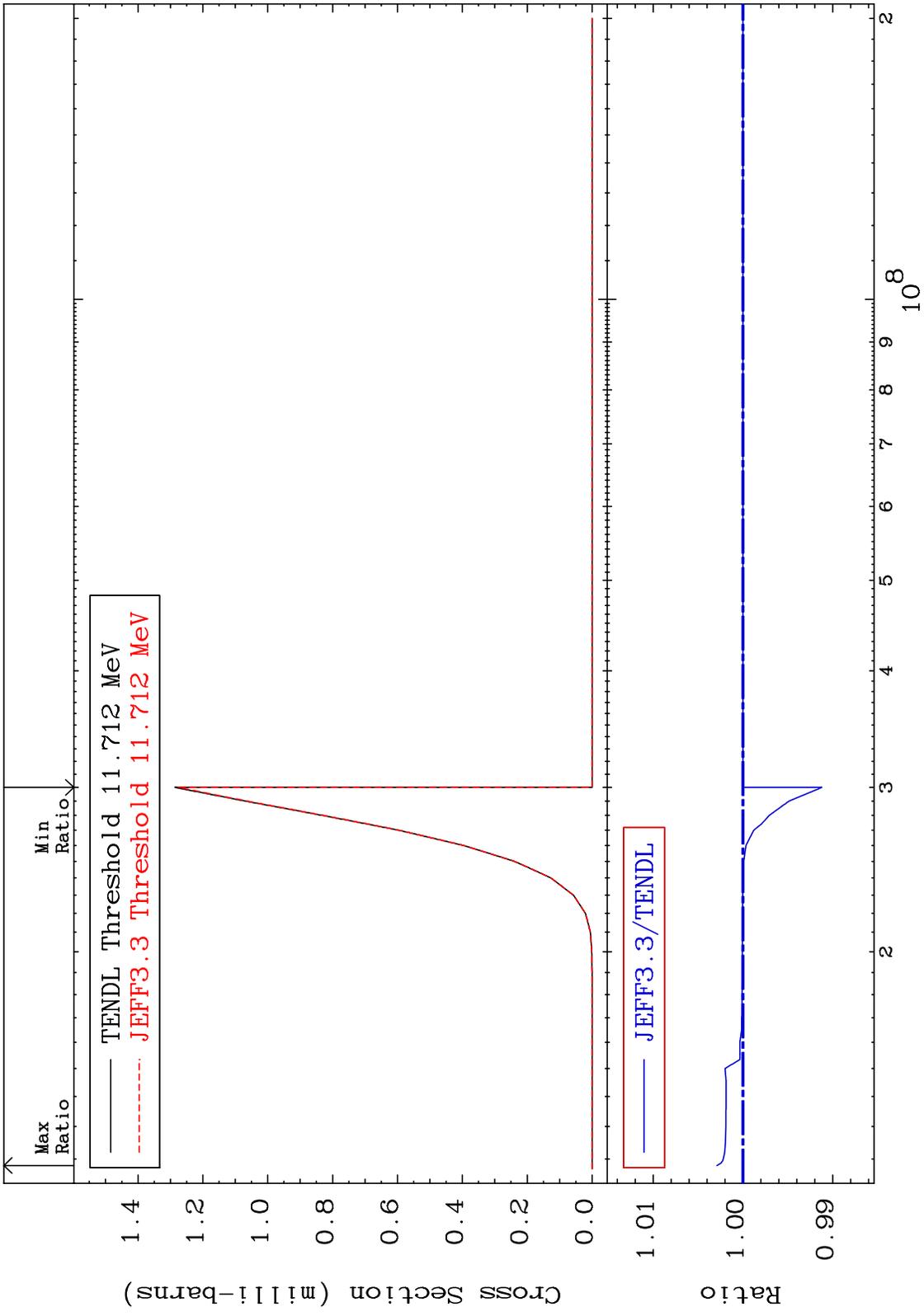
MAT 3440 (n,n') p α:31-Ga-74g 34-Se-79  
 Radionuclide Production Cross Section 0.000 To 681.4 %

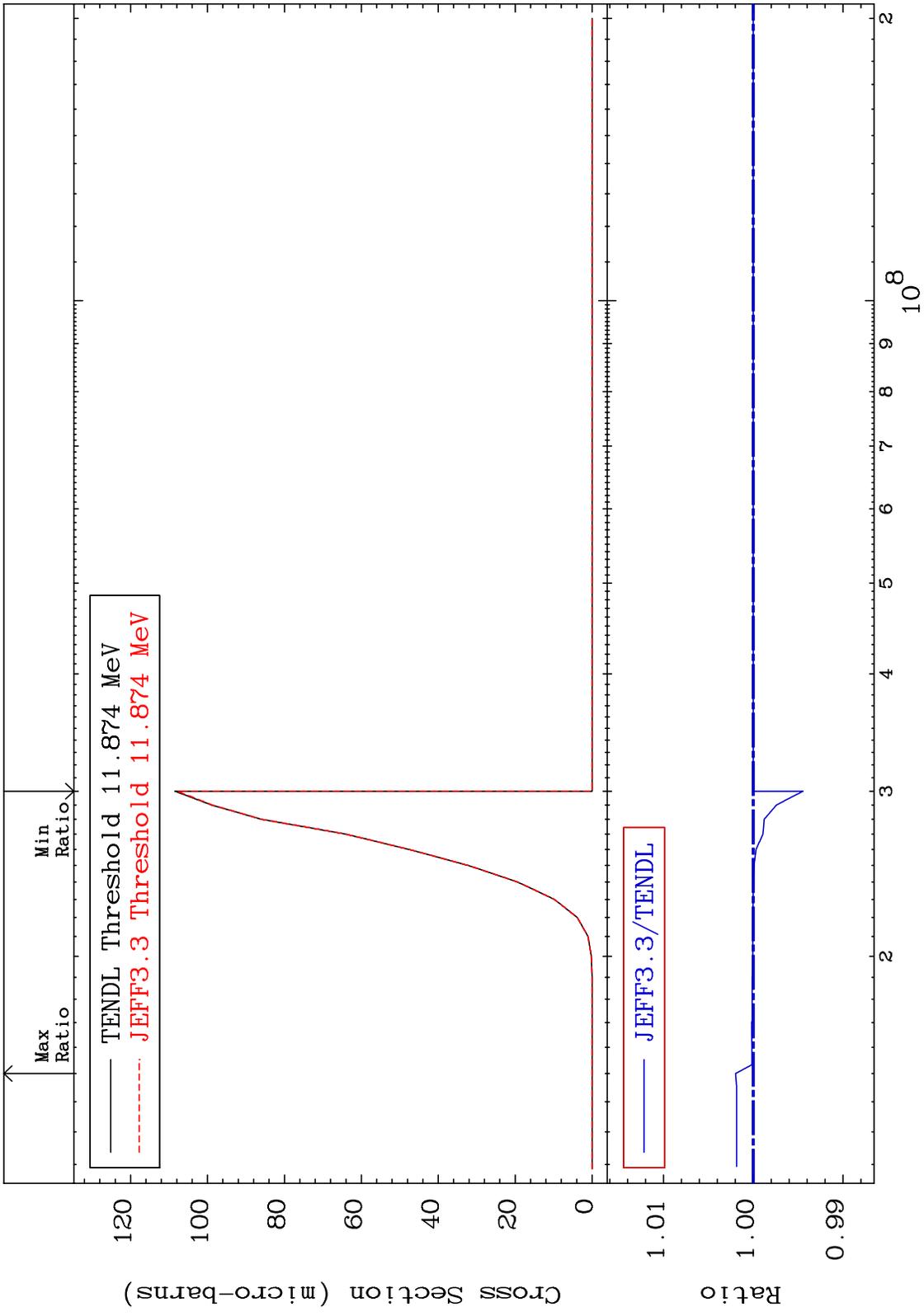


MAT 3440 (n,n') p  $\alpha$ :31-Ga-74m2 34-Se-79  
 Radionuclide Production Cross Section 0.000 To 1236. %



MAT 3440 (n,He-3) : 32-Ge-77g 34-Se-79  
 Radionuclide Production Cross Section -0.876 To 0.291 %



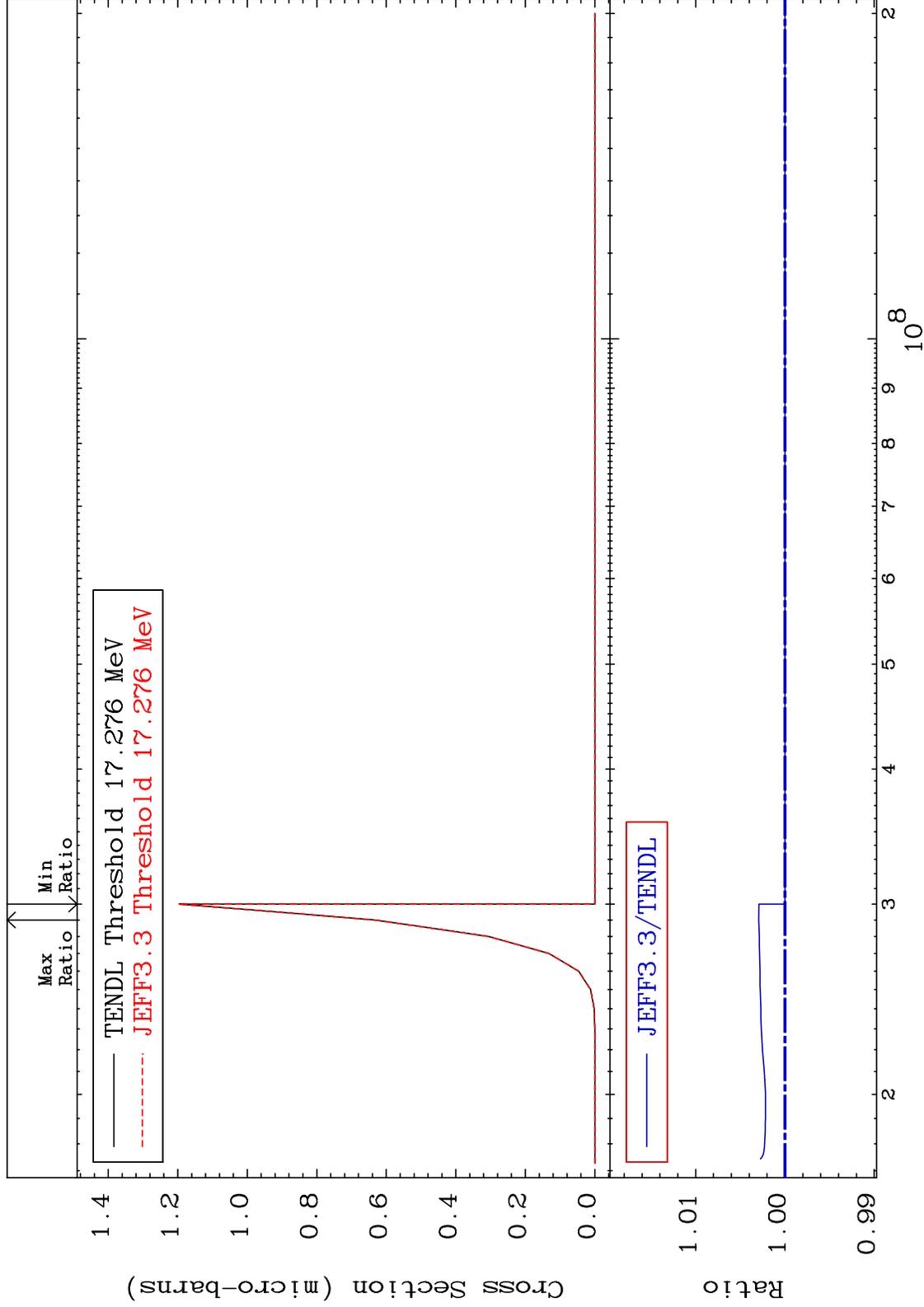


MAT 3440

(n,p) d:32-Ge-77g

34-Se-79

Radionuclide Production Cross Section 0.000 To 0.293 %

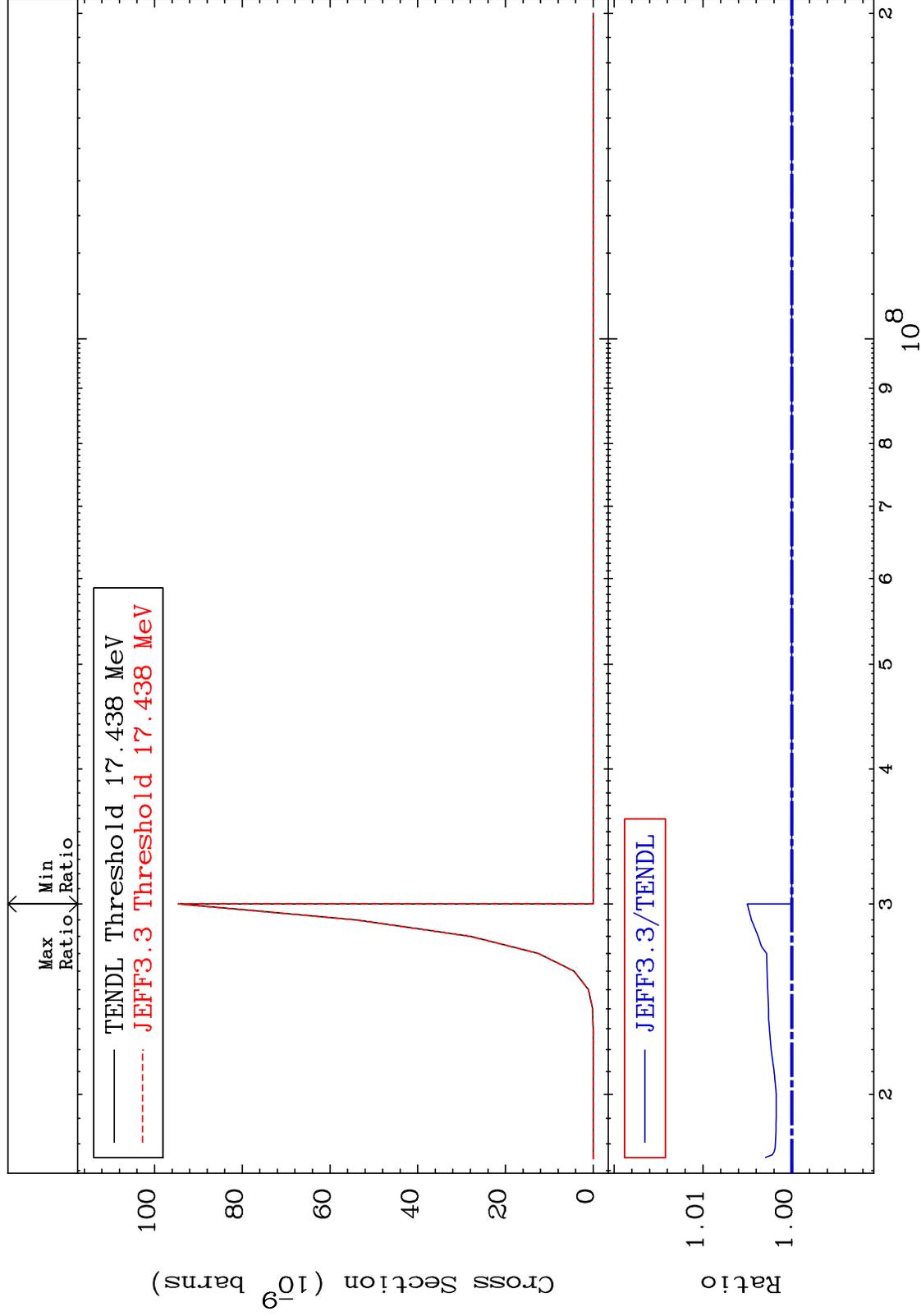


MAT 3440

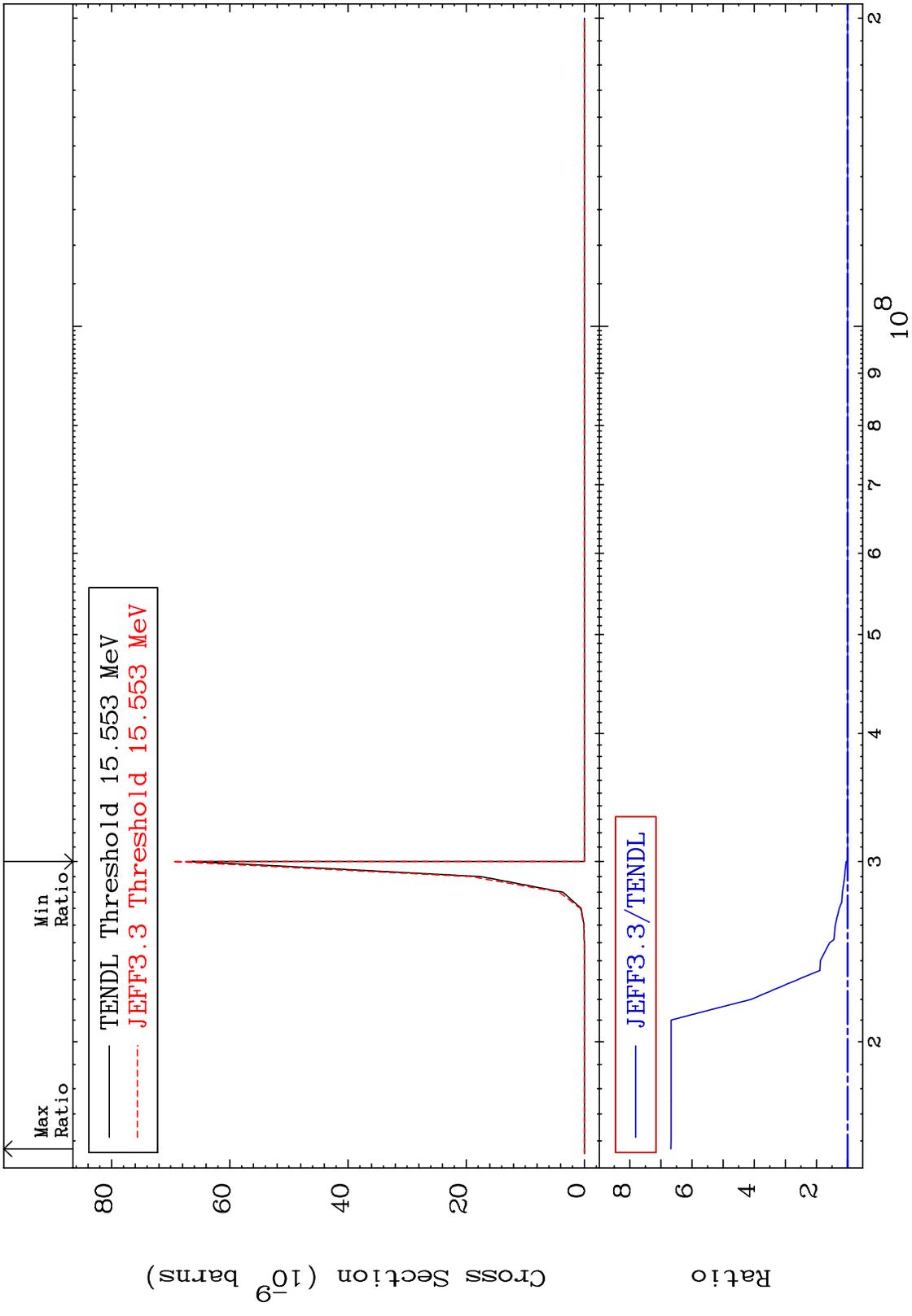
(n,p) d:32-Ge-77m1

34-Se-79

Radionuclide Production Cross Section 0.000 To 0.501 %



MAT 3440 (n,d)  $\alpha$ :31-Ga-74g 34-Se-79  
 Radionuclide Production Cross Section 0.000 To 568.1 %

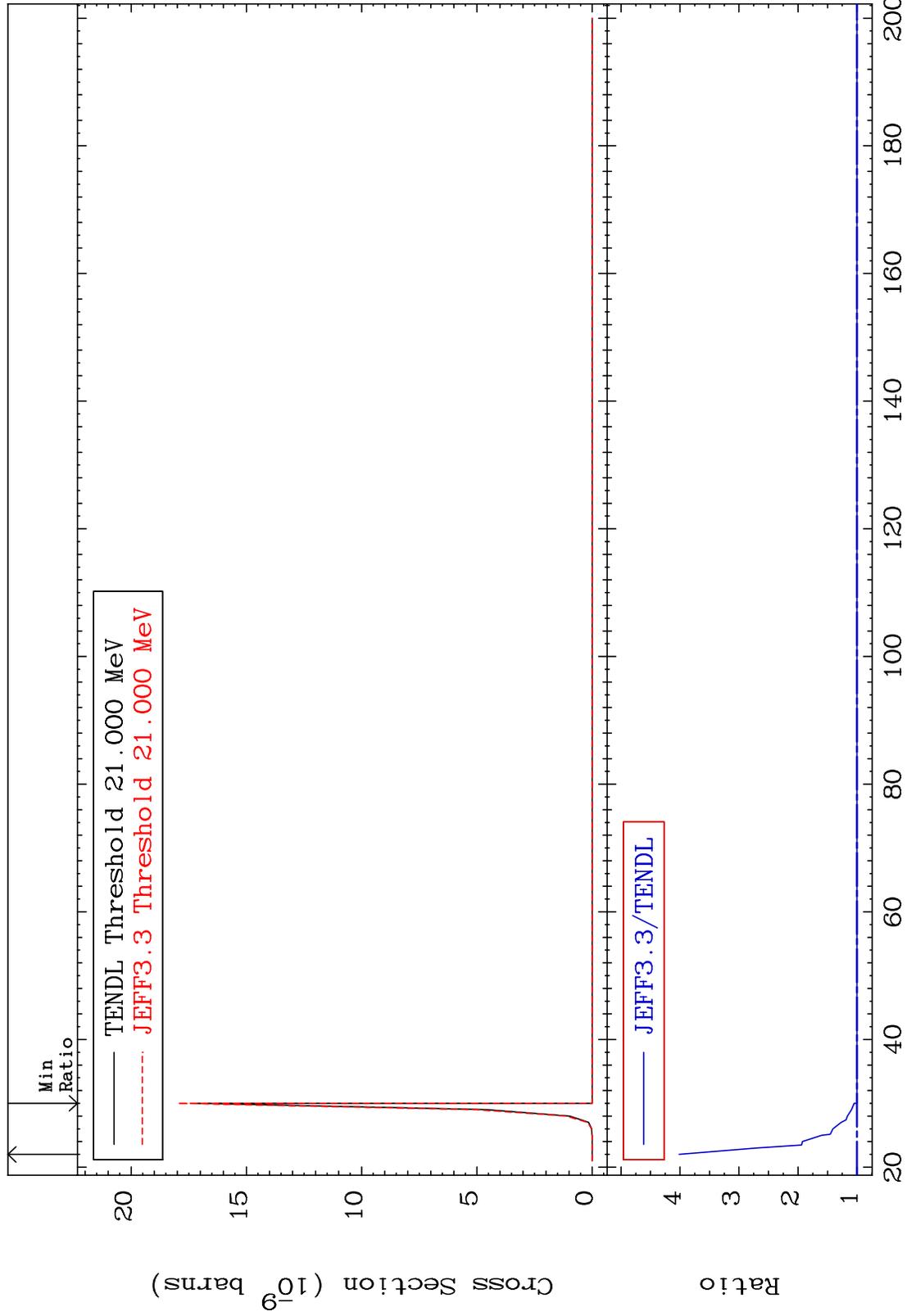


MAT 3440

(n, d)  $\alpha$ :31-Ga-74m2

34-Se-79

Radionuclide Production Cross Section 0.000 To 301.4 %



99

34-Se-79