

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

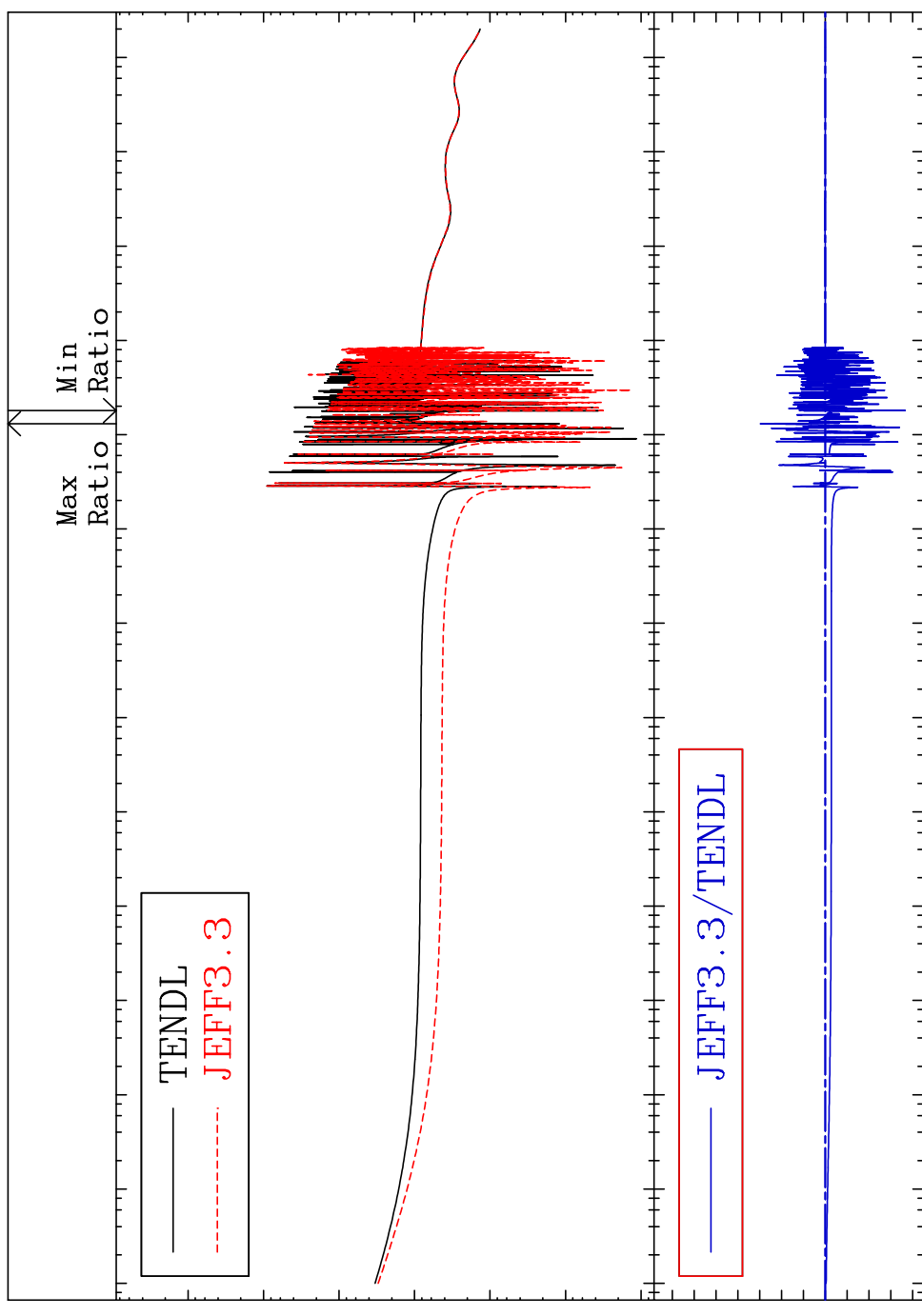
MAT 3237

Total

32-Ge-74

Cross Section

-99.98 To 9999. %



1

Incident Energy (eV)

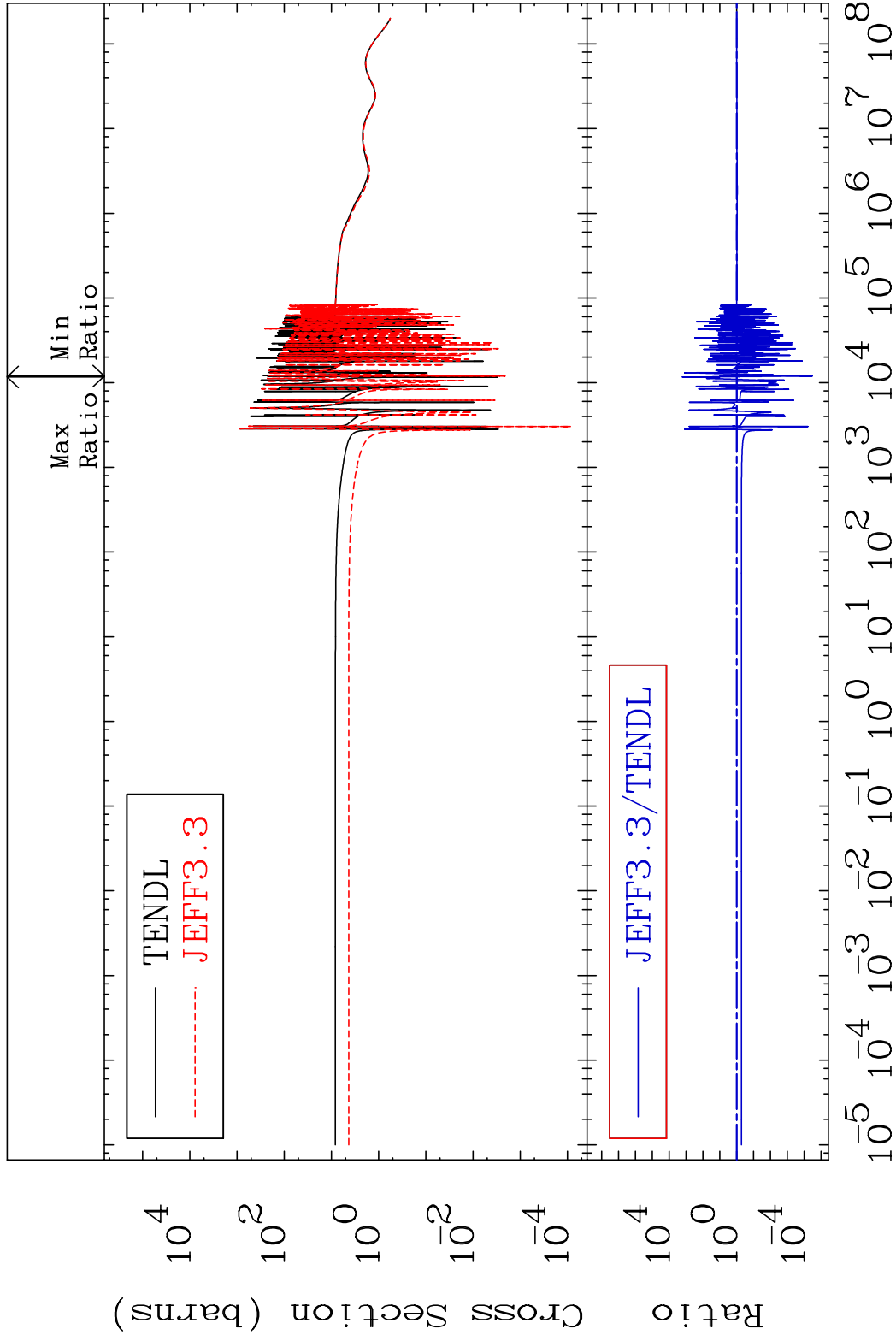
32-Ge-74

MAT 3237

Elastic

32-Ge-74

Cross Section -100.0 To 9999. %

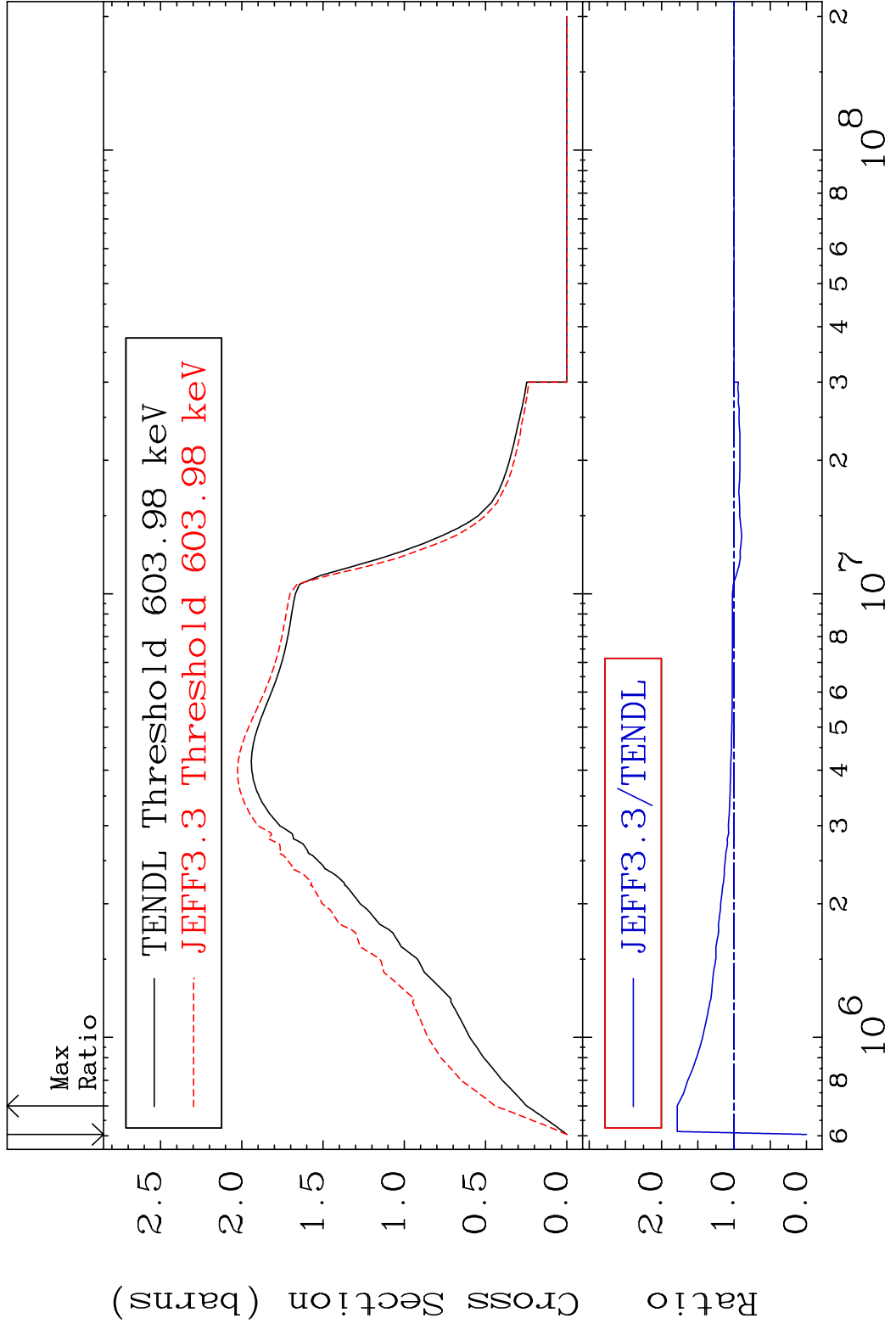


2

Incident Energy (eV)

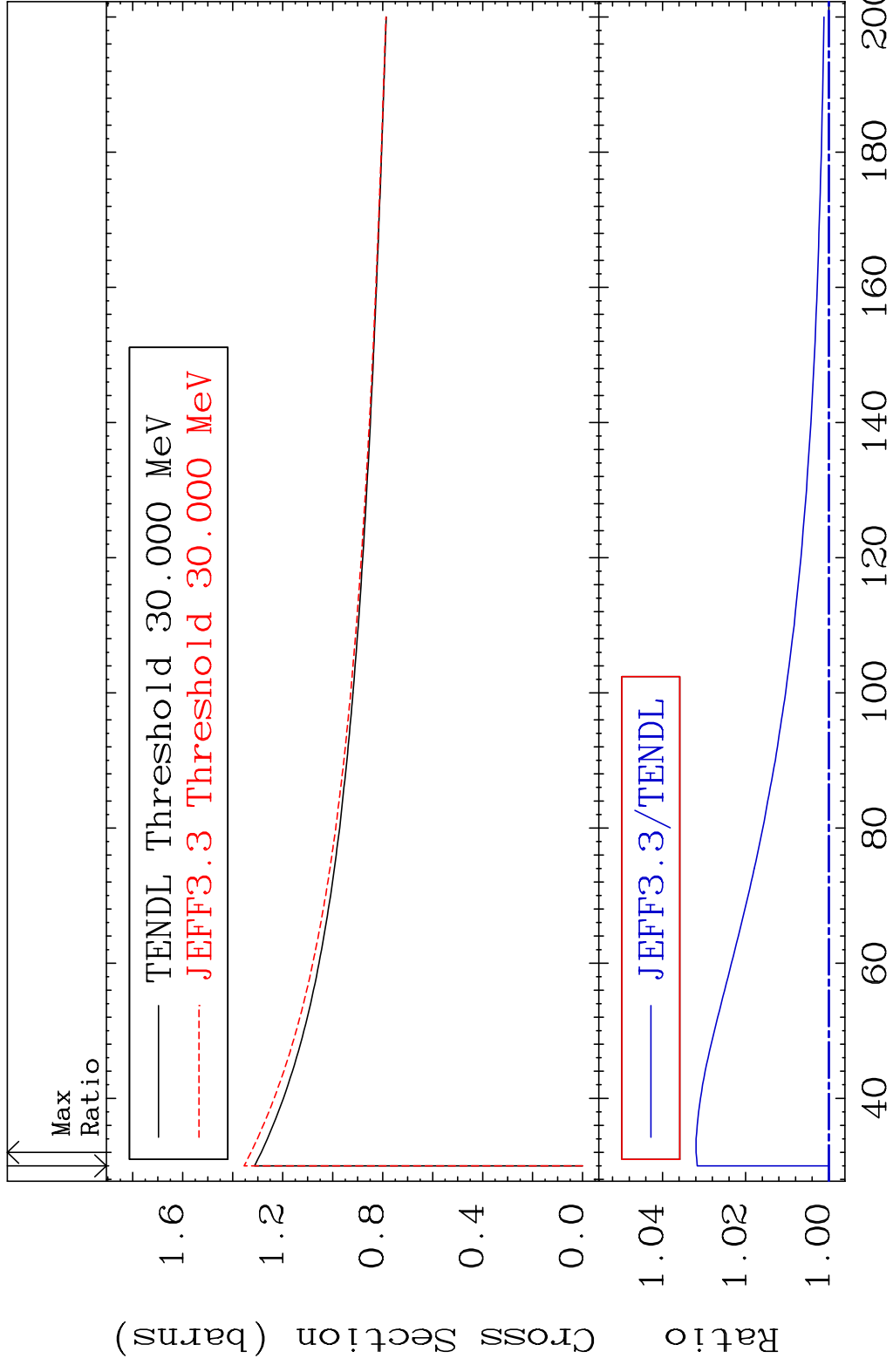
32-Ge-74

MAT 3237 Inelastic 32-Ge-74  
 Cross Section -100.0 To 78.39 %



3 32-Ge-74

MAT 3237 (n, remainder) 32-Ge-74  
 Cross Section 0.000 To 3.194 %

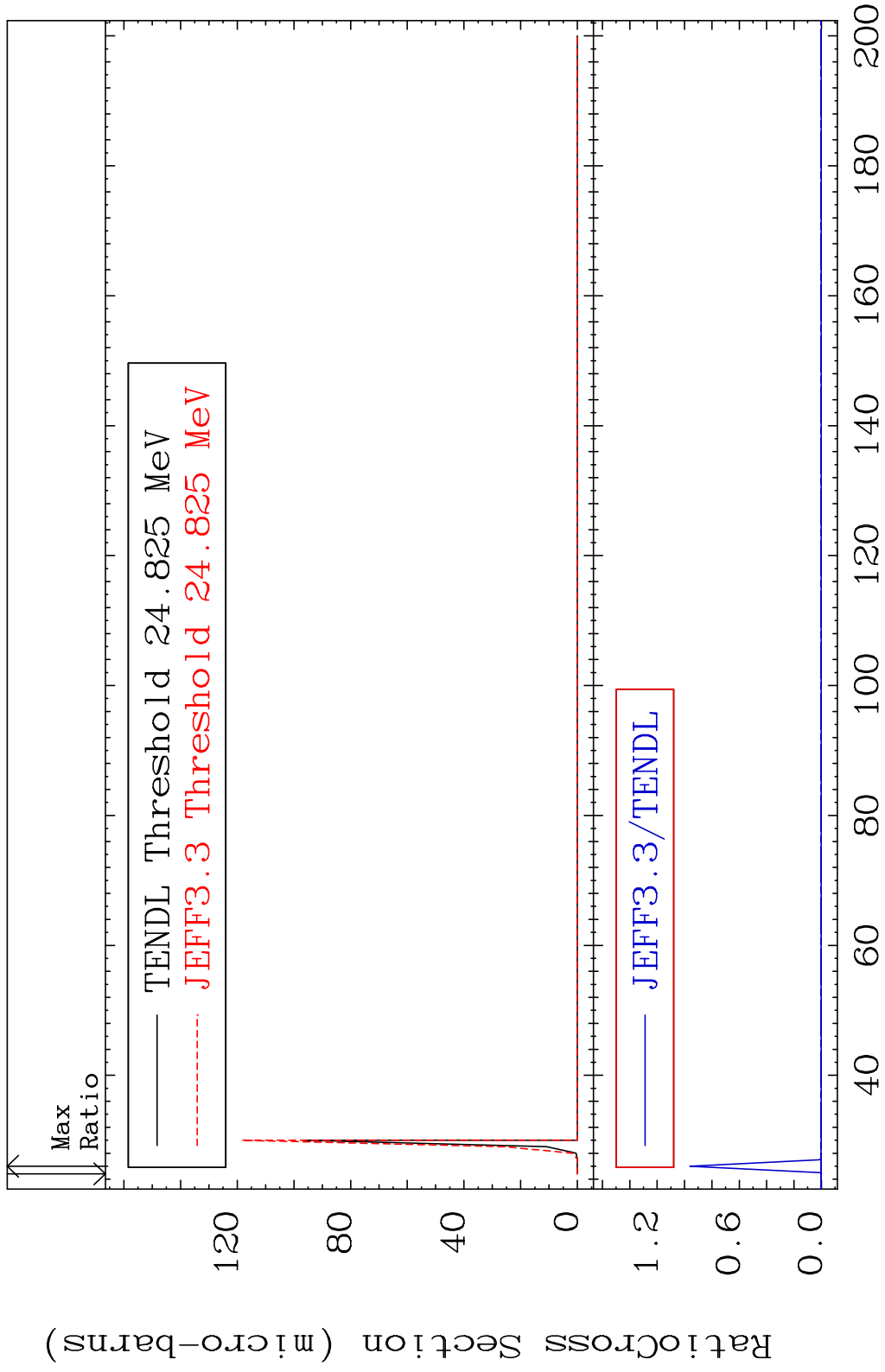


MAT 3237

(n,2n) d

32-Ge-74

Cross Section -100.0 To 9999. %



5

Incident Energy (MeV)

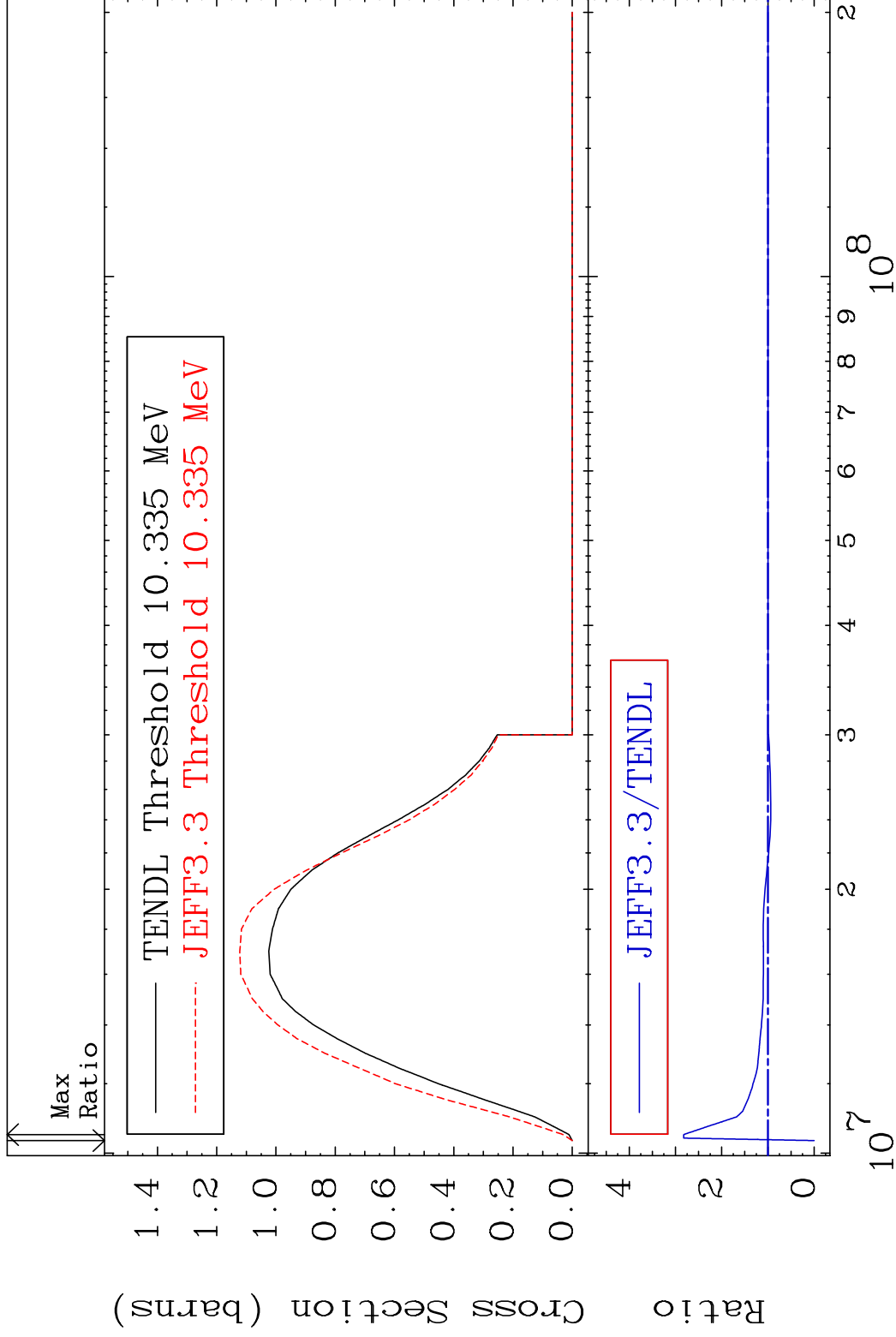
32-Ge-74

MAT 3237

(n,2n)

32-Ge-74

Cross Section -100.0 To 182.3 %



6

Incident Energy (eV)

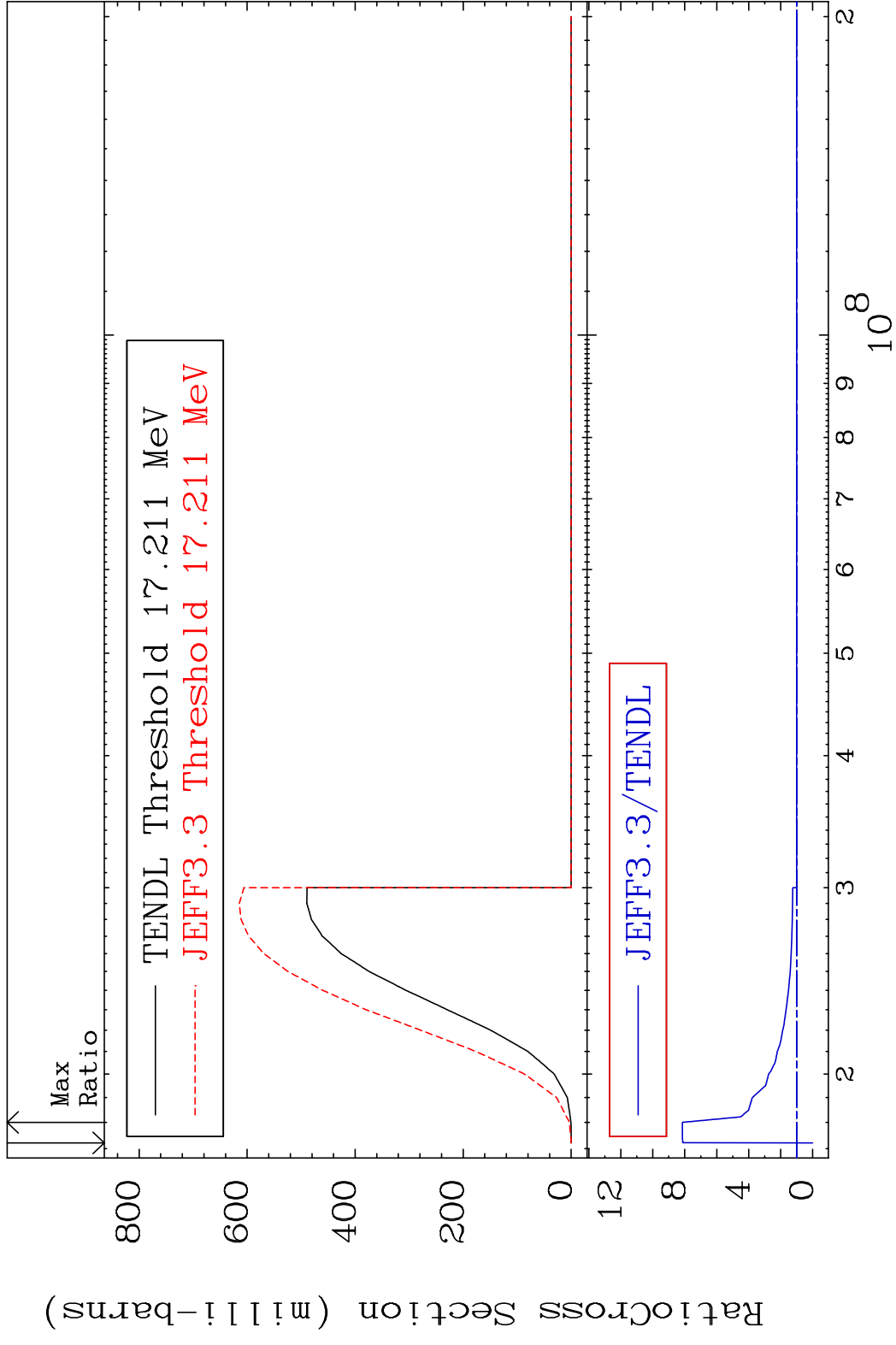
32-Ge-74

MAT 3237

(n,3n)

32-Ge-74

Cross Section -100.0 To 715.2 %



7

Incident Energy (eV)

32-Ge-74

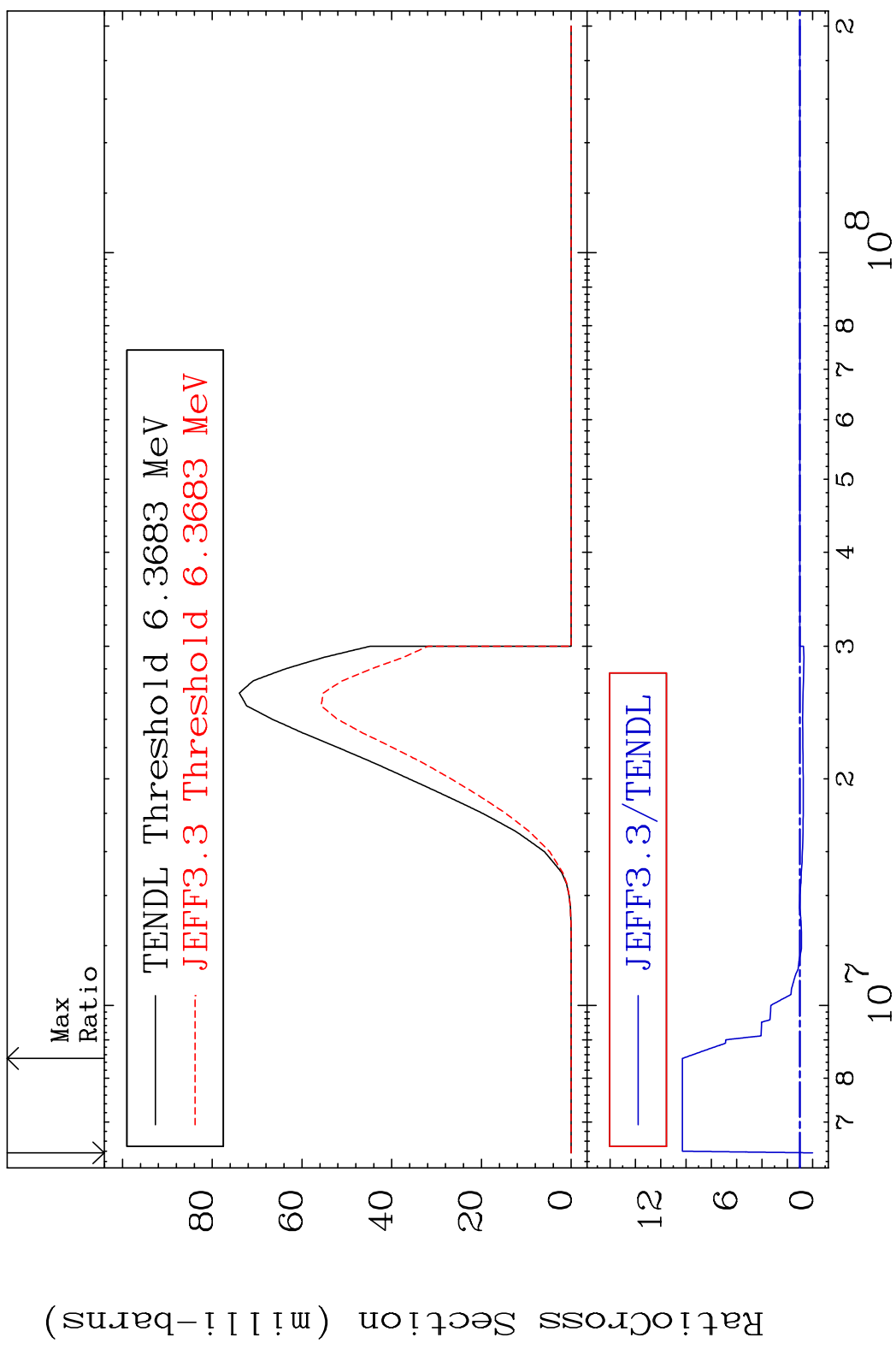


MAT 3237

(n, n')  $\alpha$

32-Ge-74

Cross Section -100.0 To 928.7 %

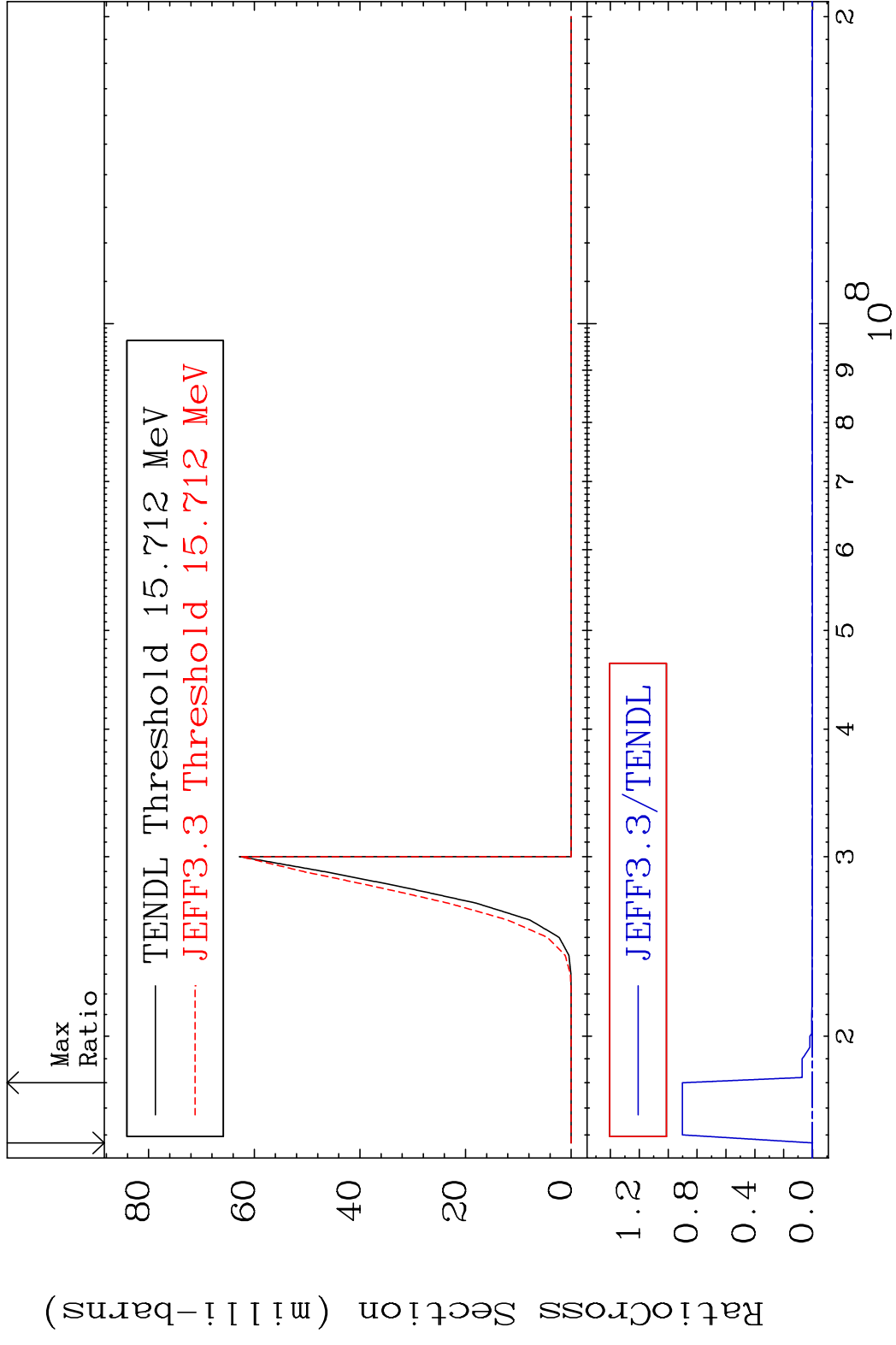


8

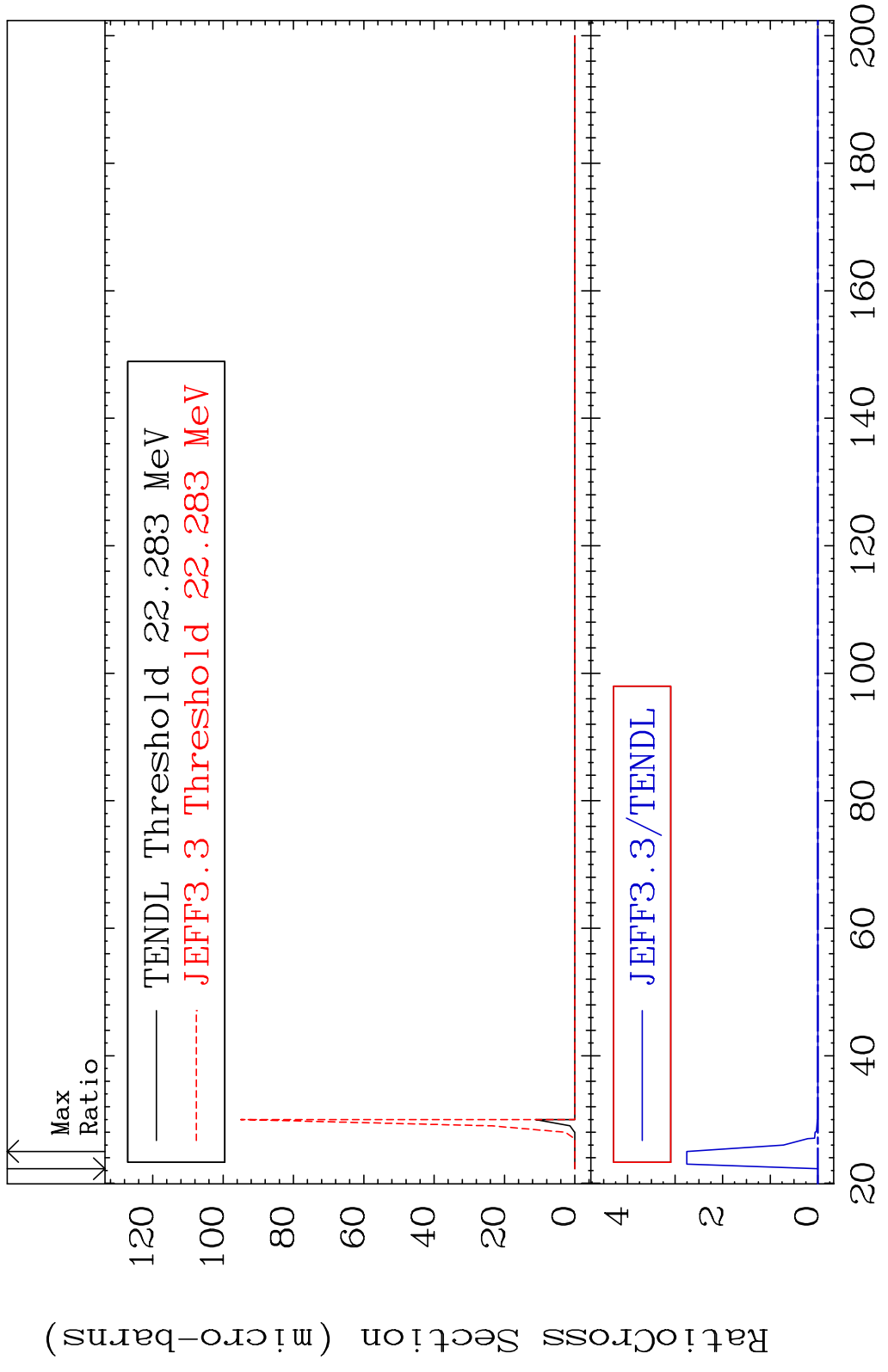
Incident Energy (eV)

32-Ge-74

MAT 3237 (n,2n)  $\alpha$  32-Ge-74  
 Cross Section -100.0 To 9999. %

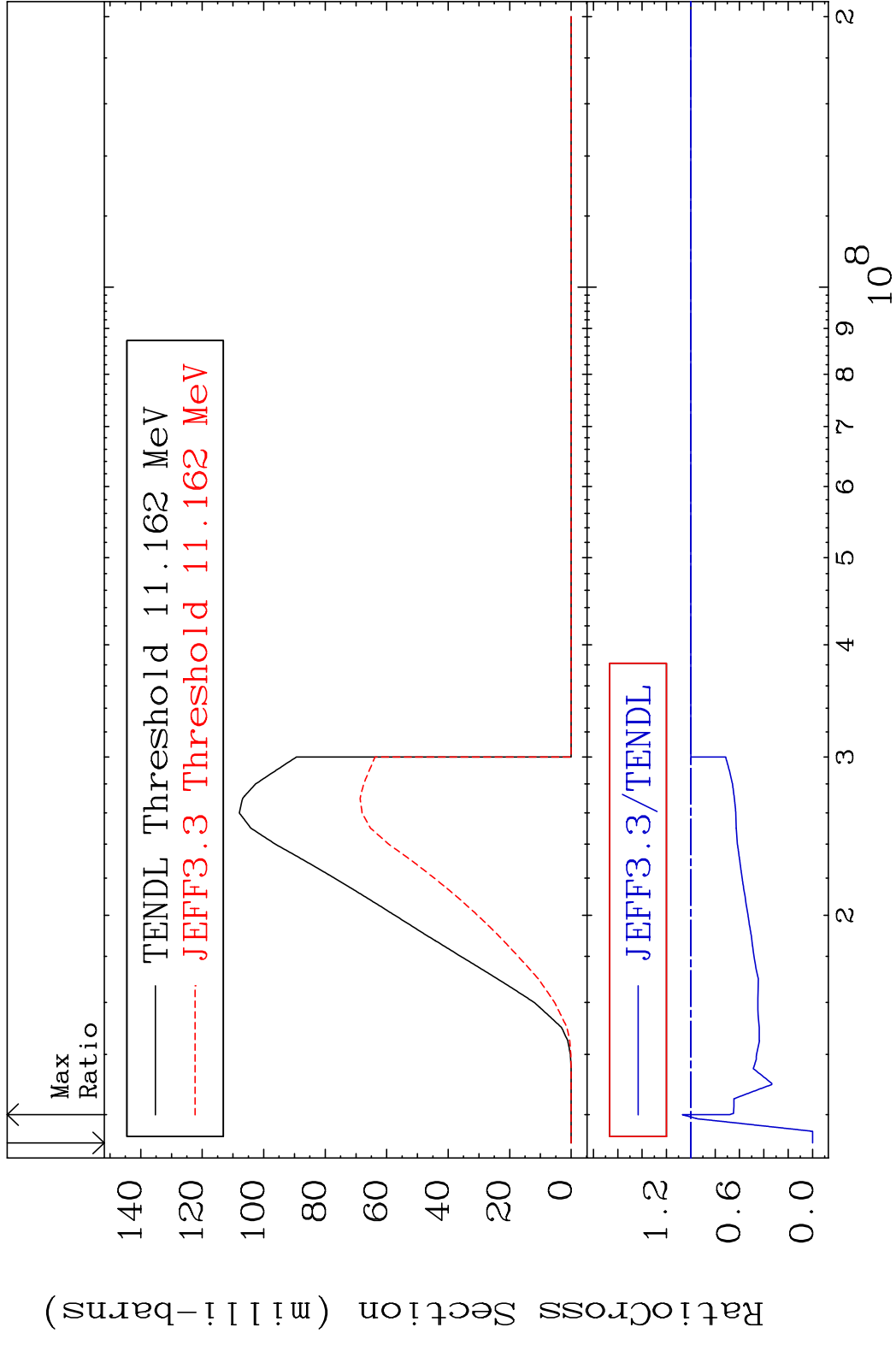


MAT 3237 (n,3n)  $\alpha$  32-Ge-74  
 Cross Section -100.0 To 9999. %



10 Incident Energy (MeV) 32-Ge-74

MAT 3237 (n, n') p 32-Ge-74  
 Cross Section -100.0 To 6.938 %

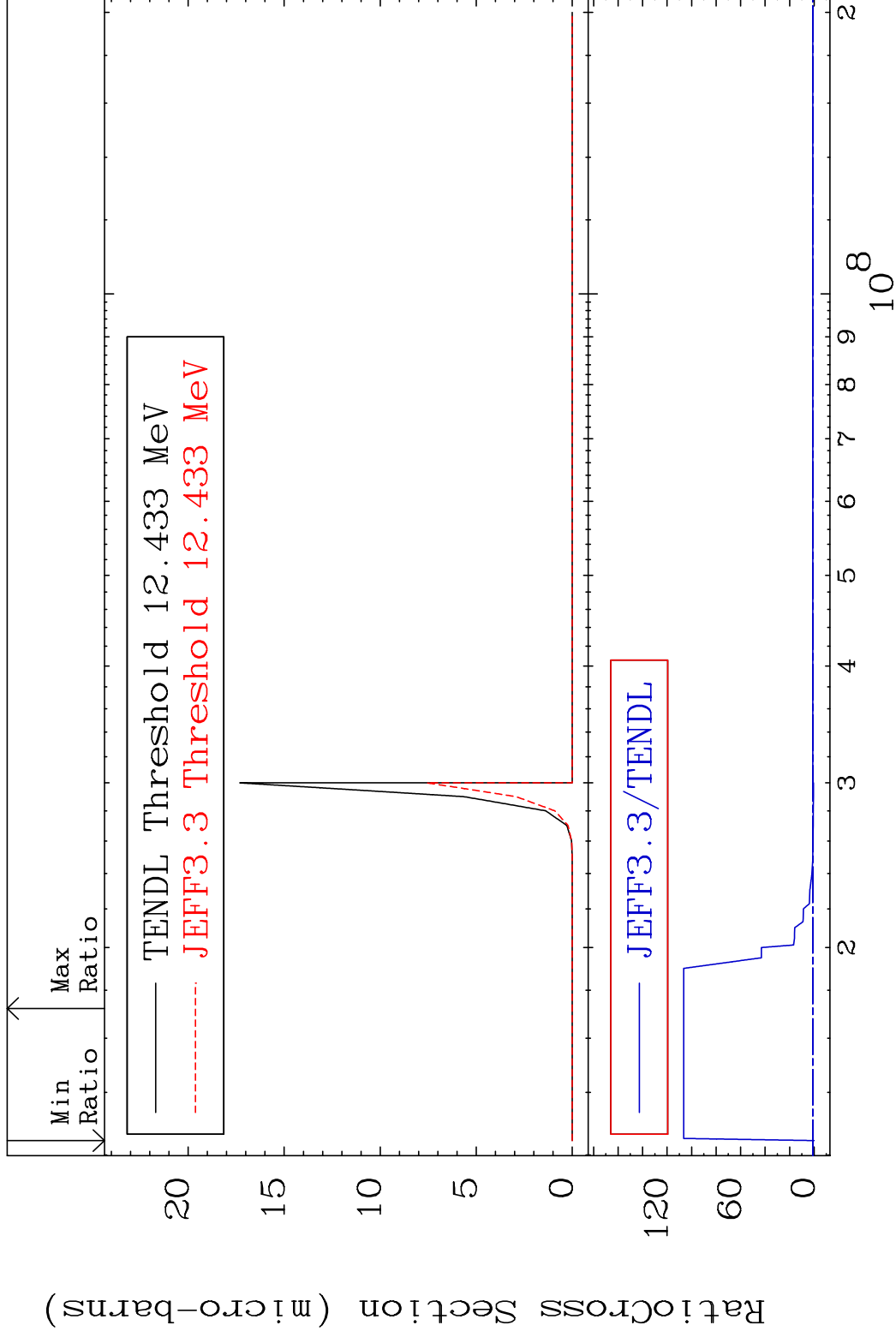


MAT 3237

(n, n') 2 $\alpha$

32-Ge-74

Cross Section -100.0 To 9999. %

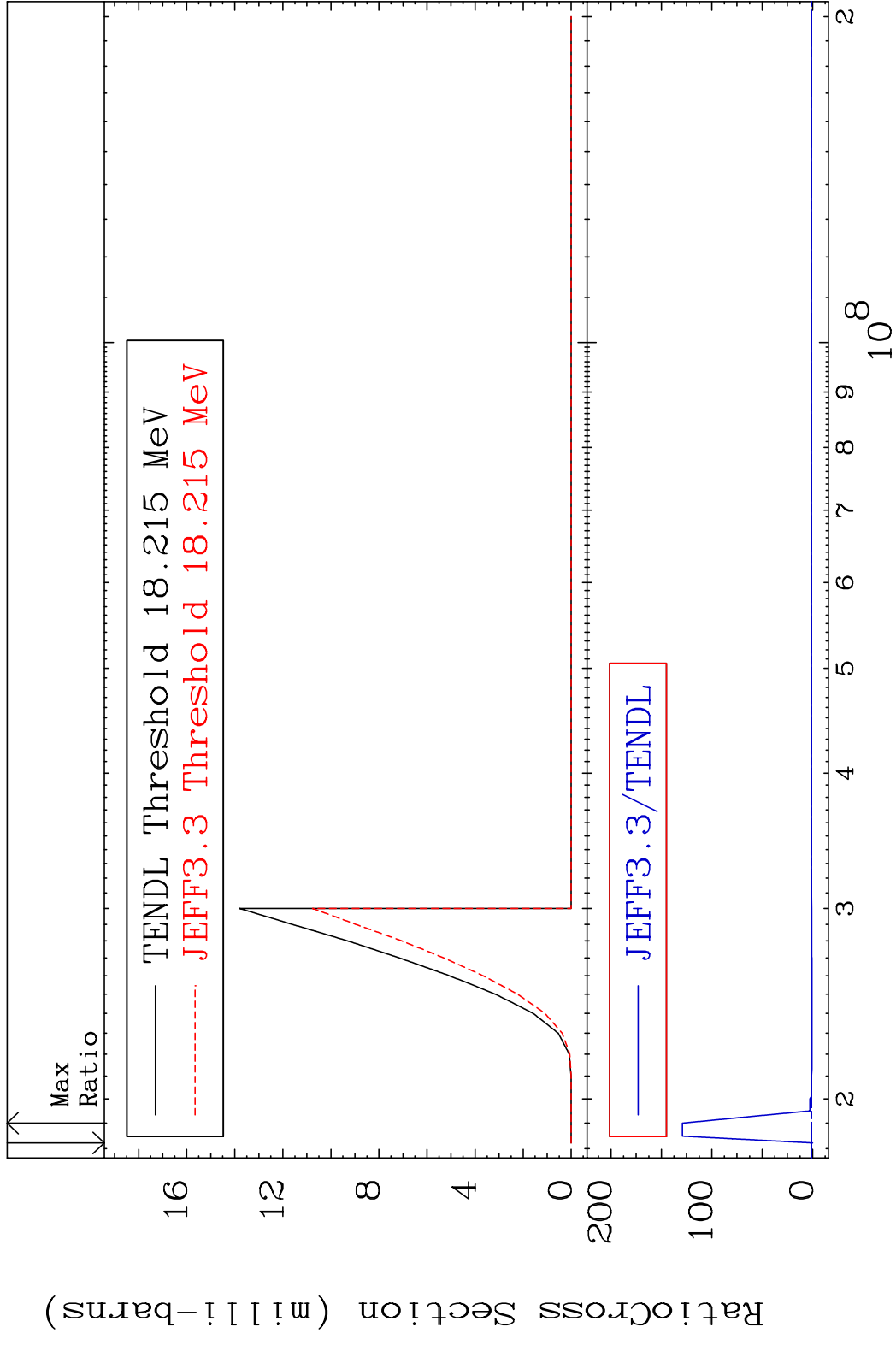


12

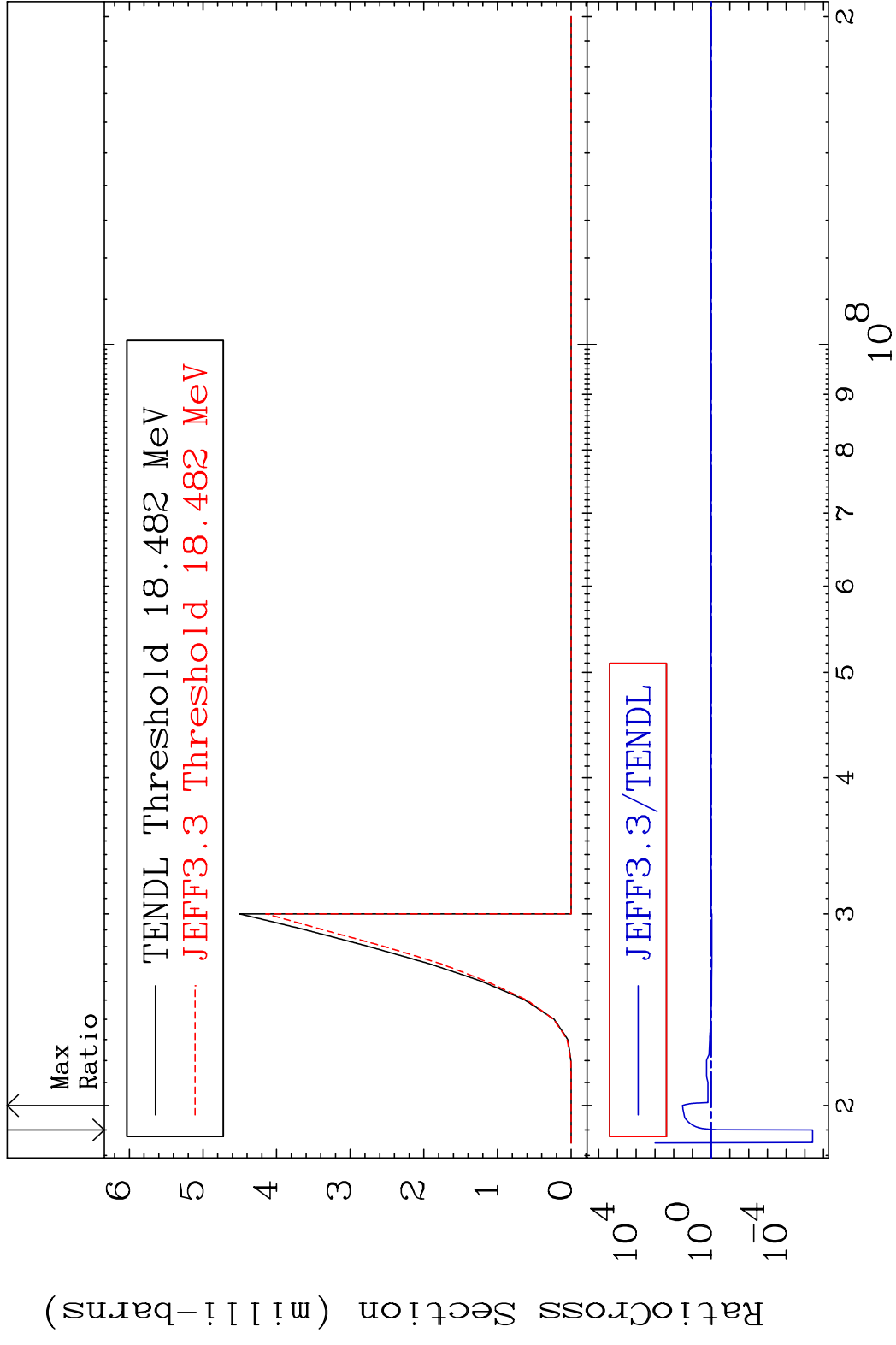
Incident Energy (eV)

32-Ge-74

MAT 3237 (n, n') d 32-Ge-74  
 Cross Section -100.0 To 9999. %



MAT 3237 (n, n') t 32-Ge-74  
 Cross Section -100.0 To 3348. %

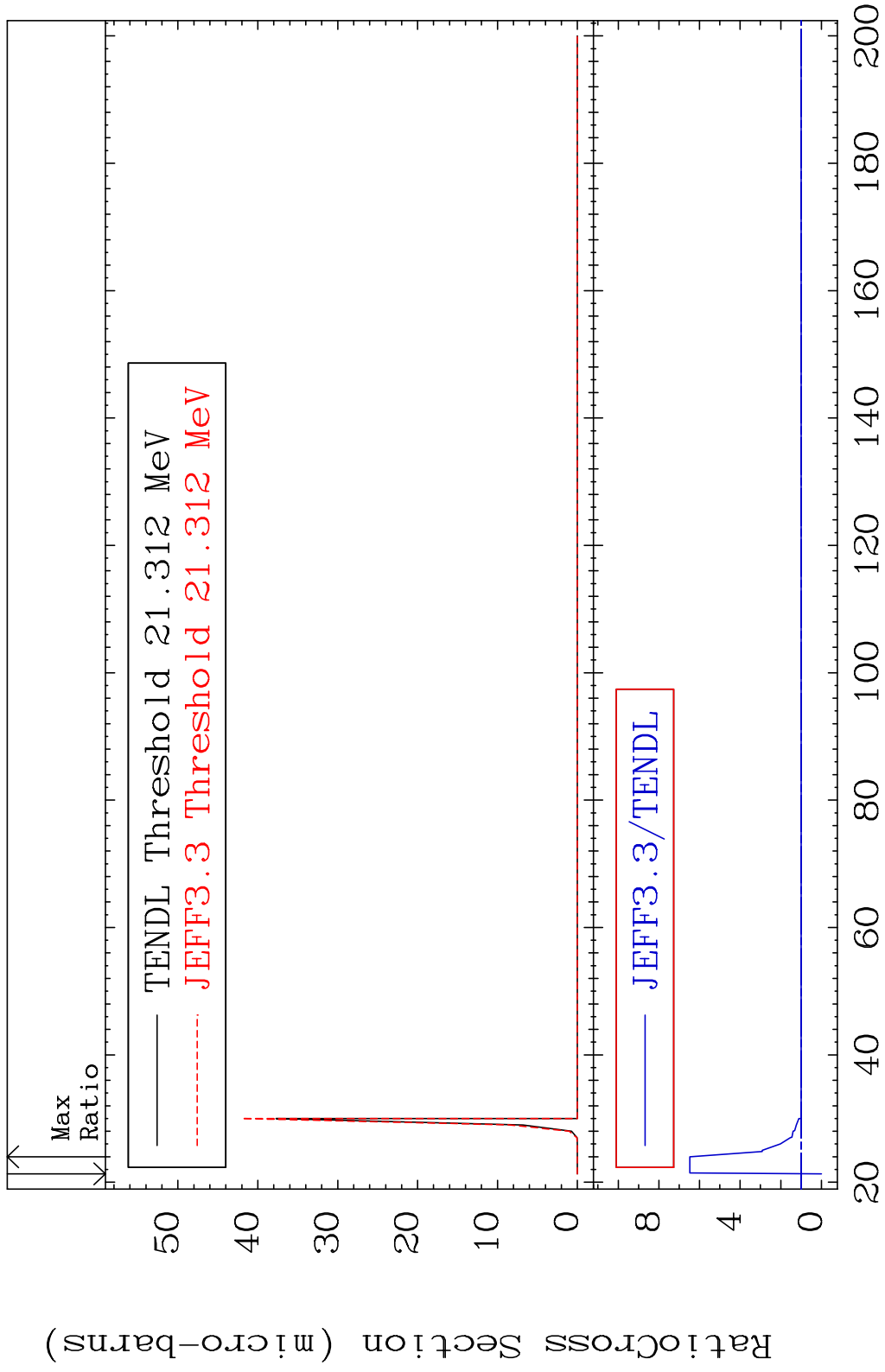


MAT 3237

(n,n') He-3

32-Ge-74

Cross Section -100.0 To 547.9 %



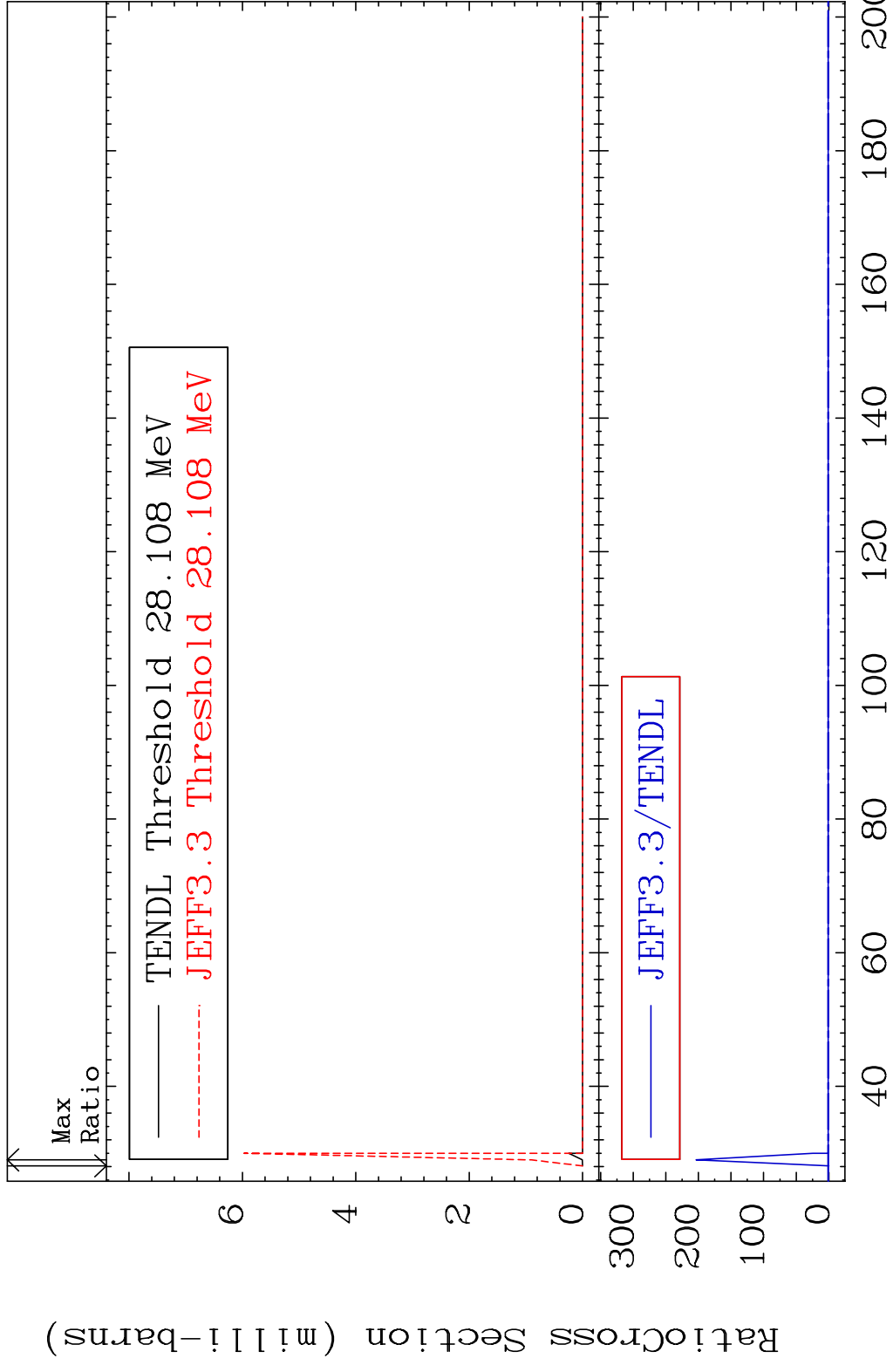
15

Incident Energy (MeV)

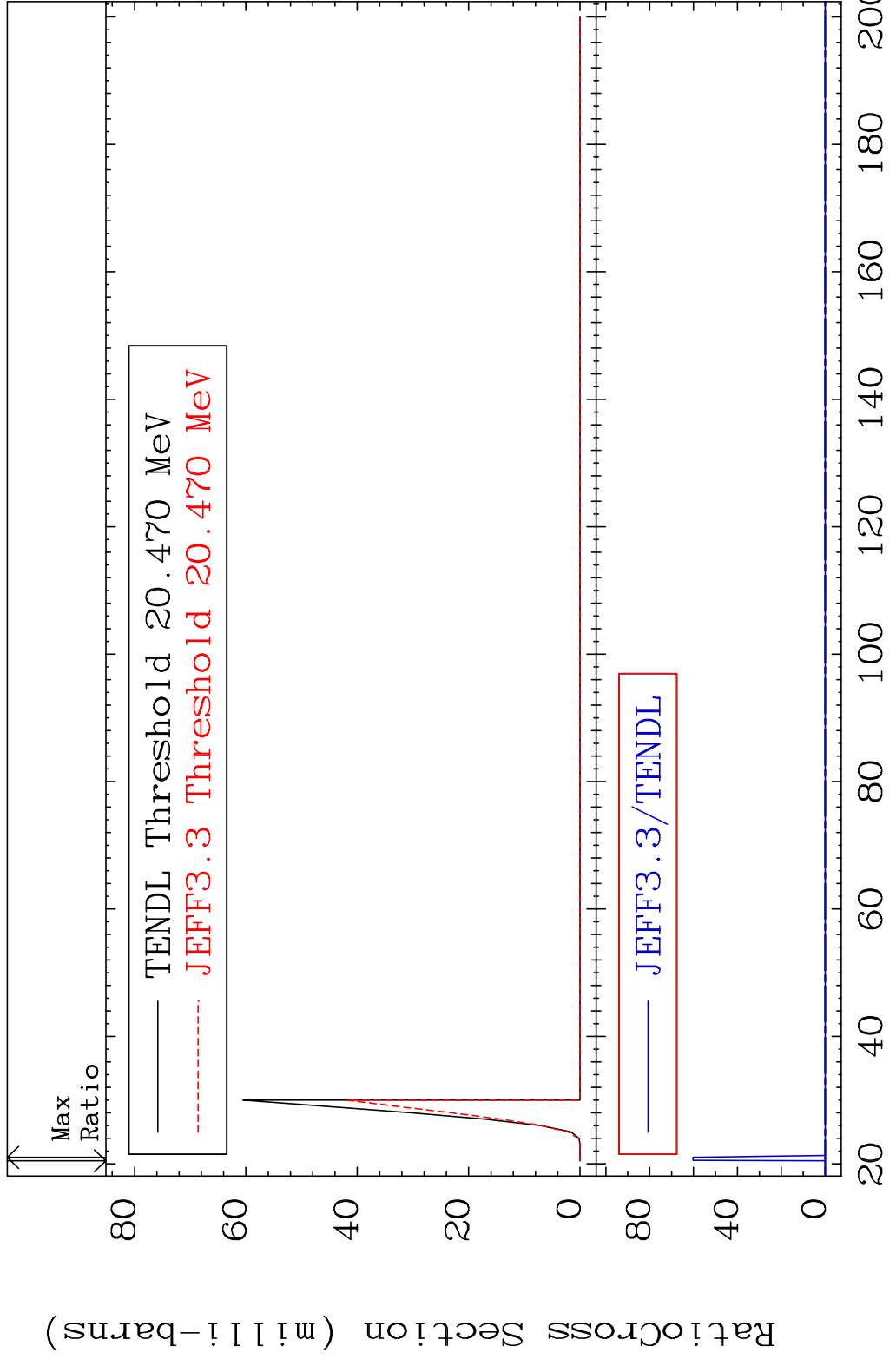
32-Ge-74



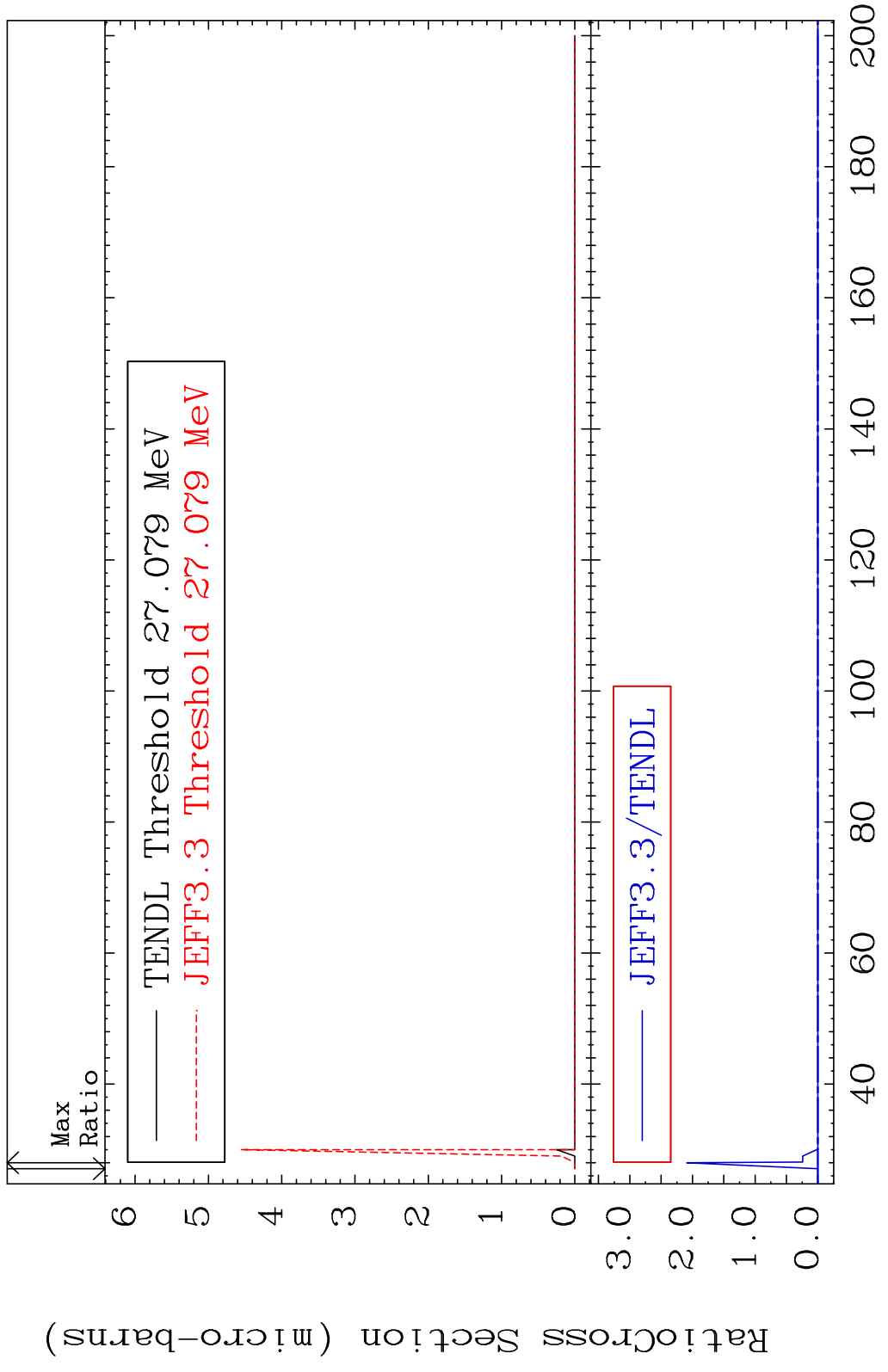
MAT 3237 (n,4n) 32-Ge-74  
 Cross Section -100.0 To 9999. %



MAT 3237 (n,2n) p 32-Ge-74  
 Cross Section -100.0 To 9999. %



MAT 3237 (n,3n) p 32-Ge-74  
 Cross Section -100.0 To 9999. %

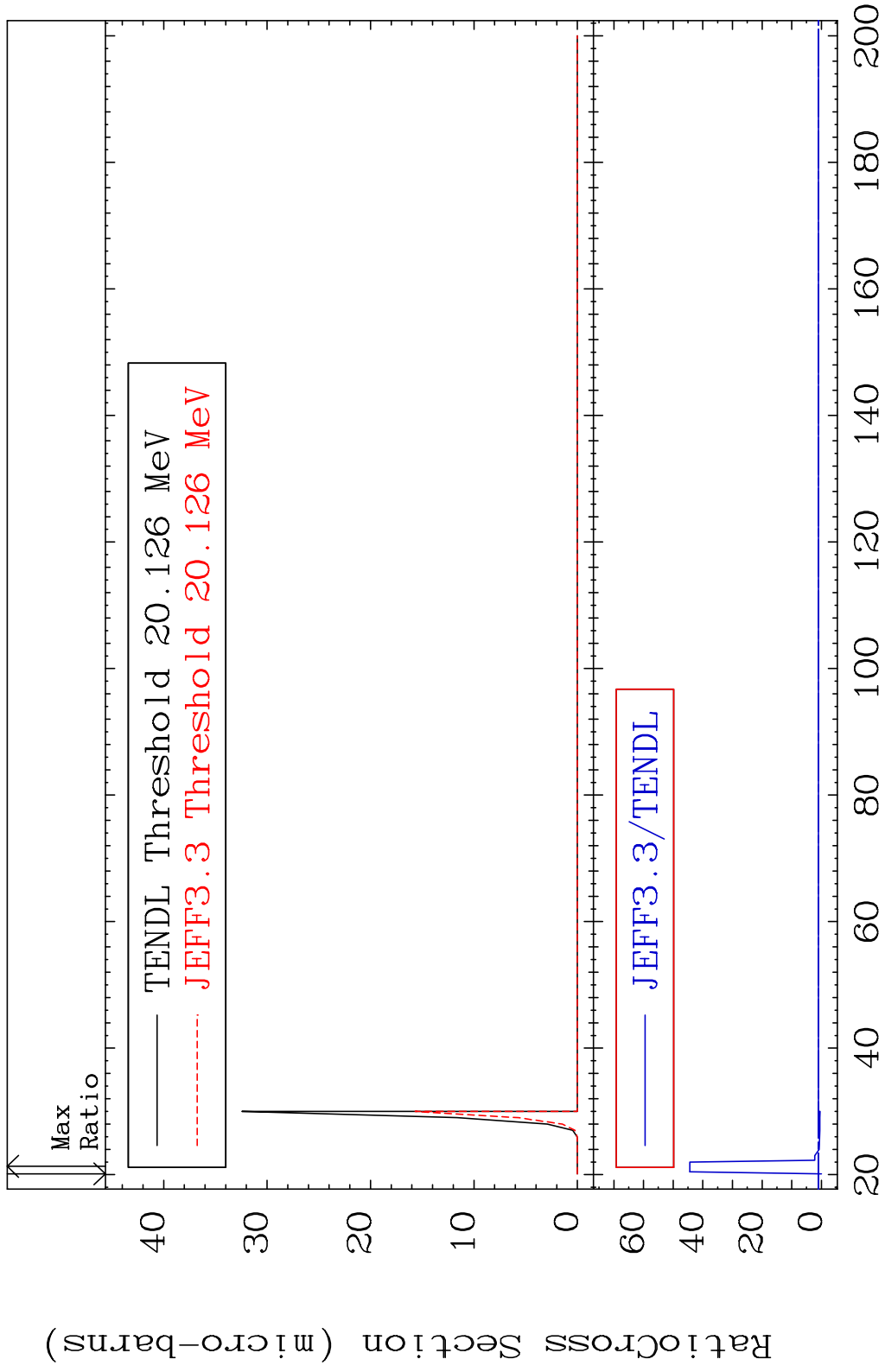


MAT 3237

(n,2n) p

32-Ge-74

Cross Section -100.0 To 4339. %

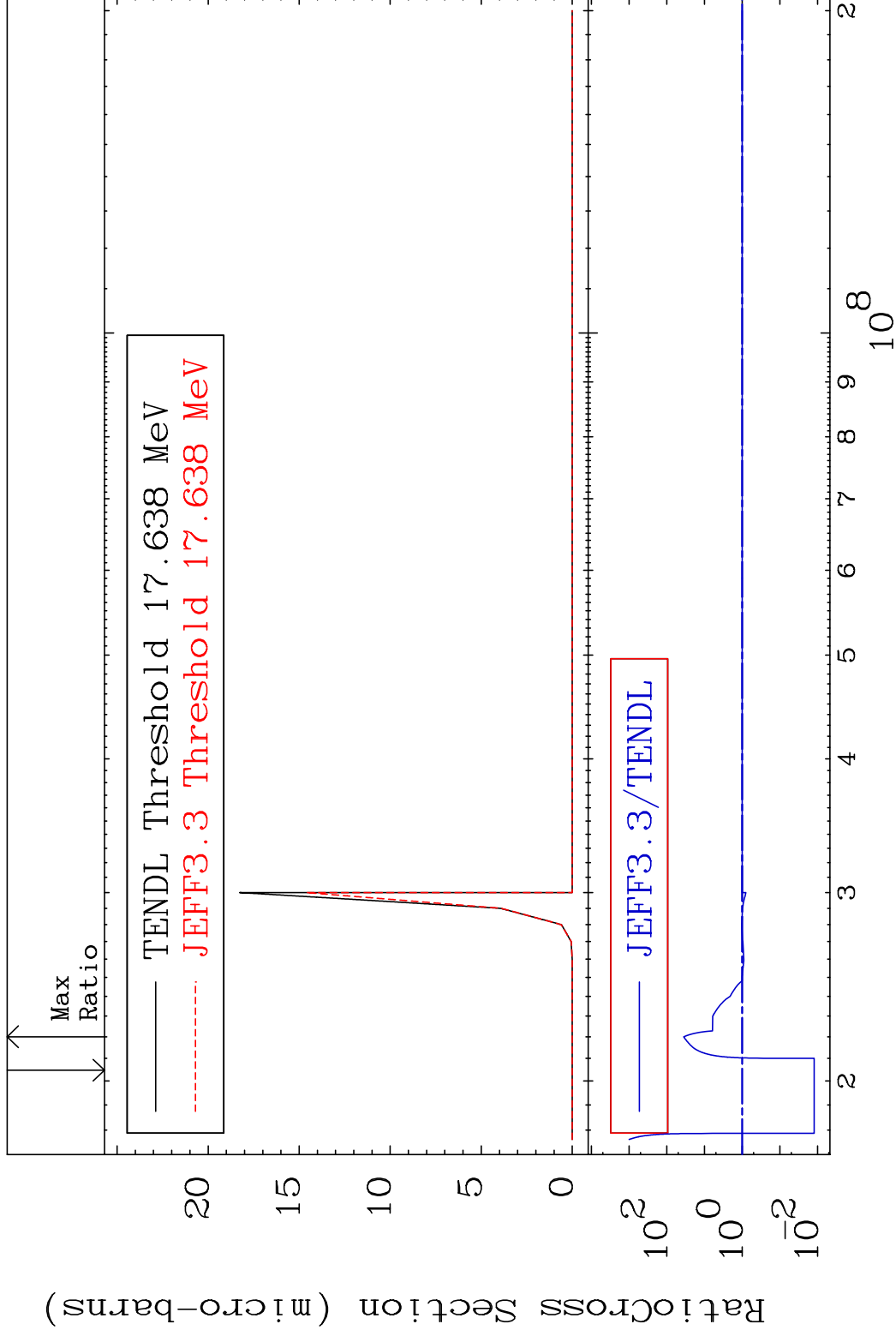


MAT 3237

(n,n') p  $\alpha$

32-Ge-74

Cross Section -98.77 To 3479. %

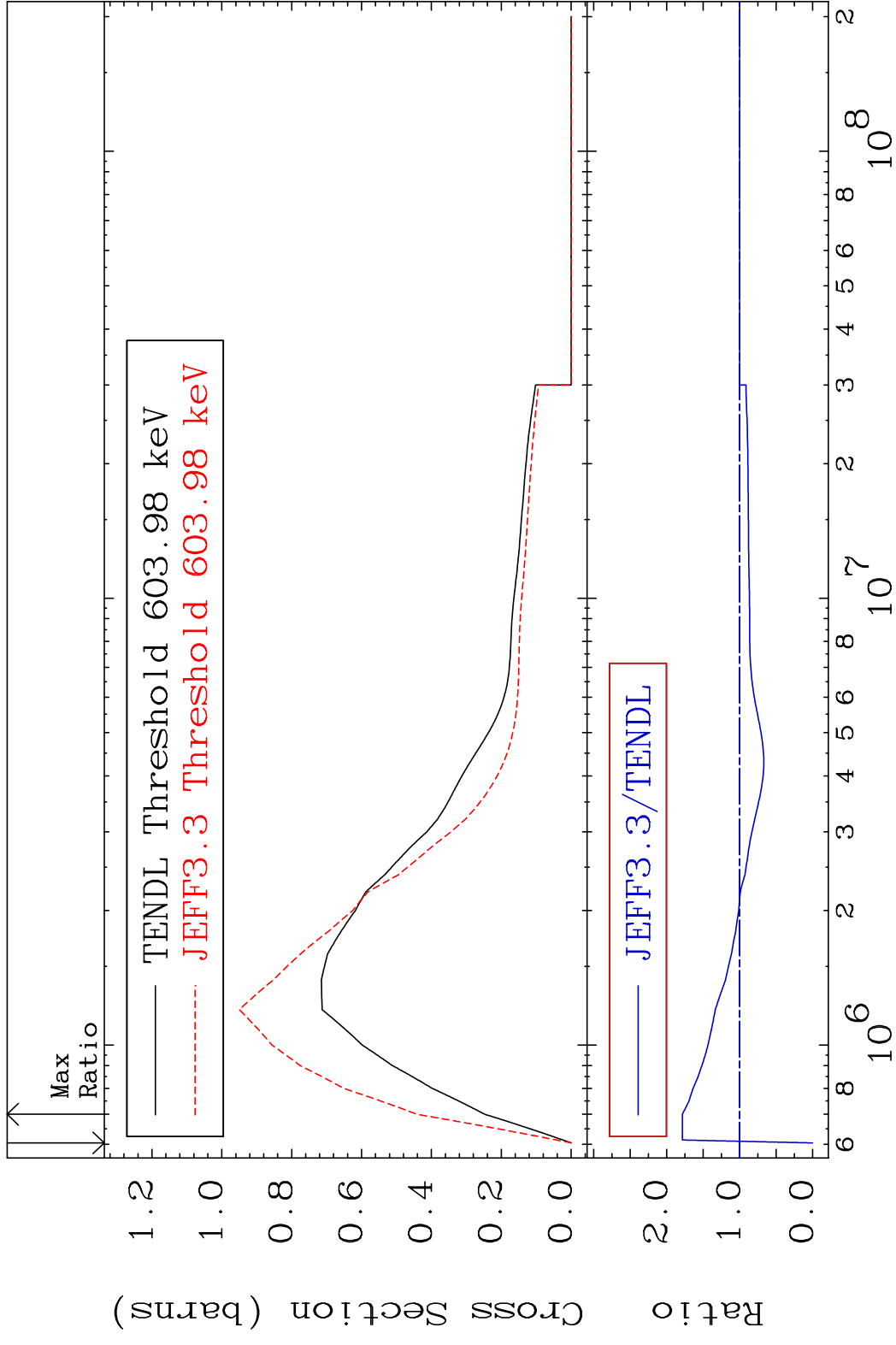


20

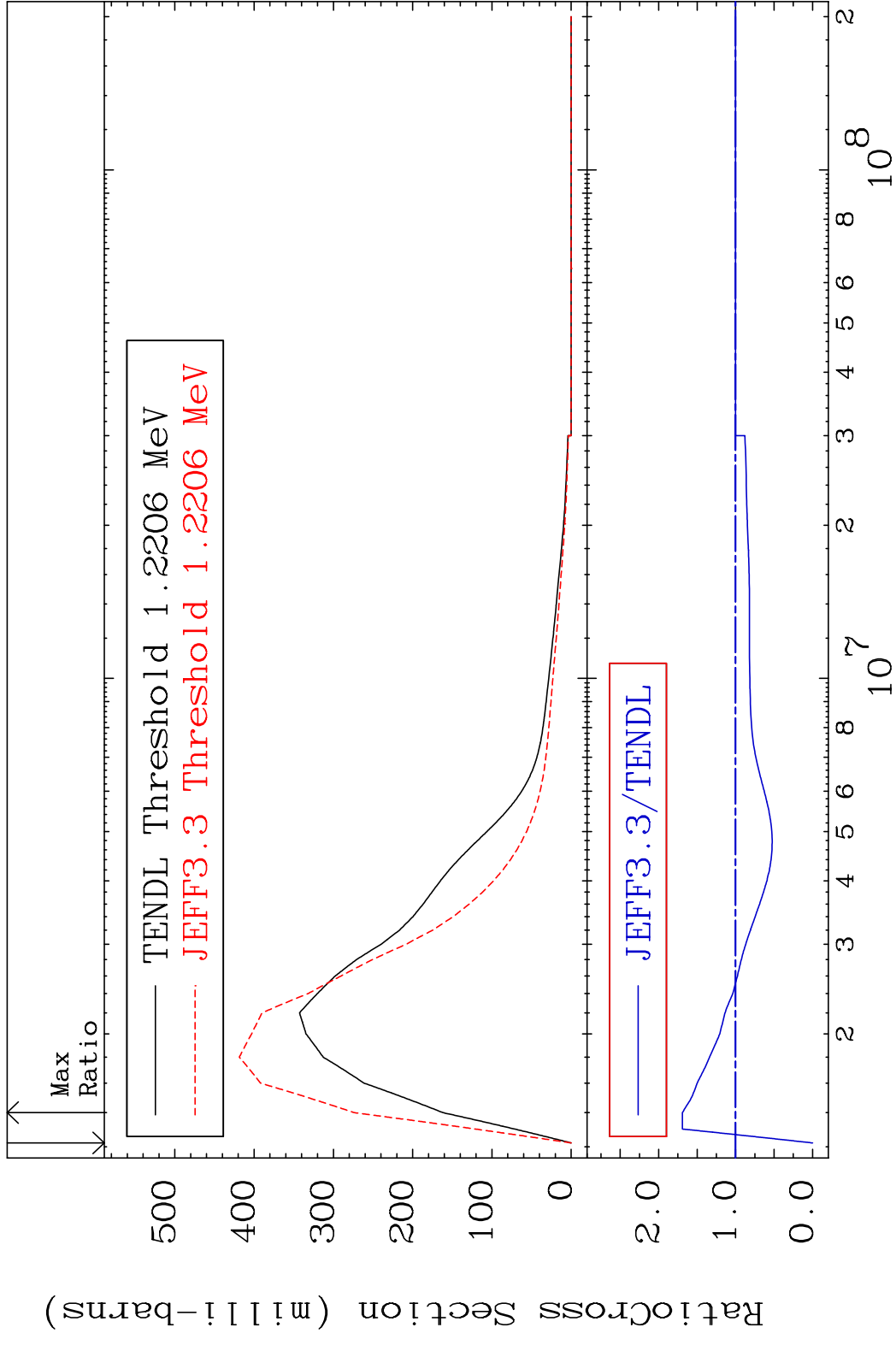
Incident Energy (eV)

32-Ge-74

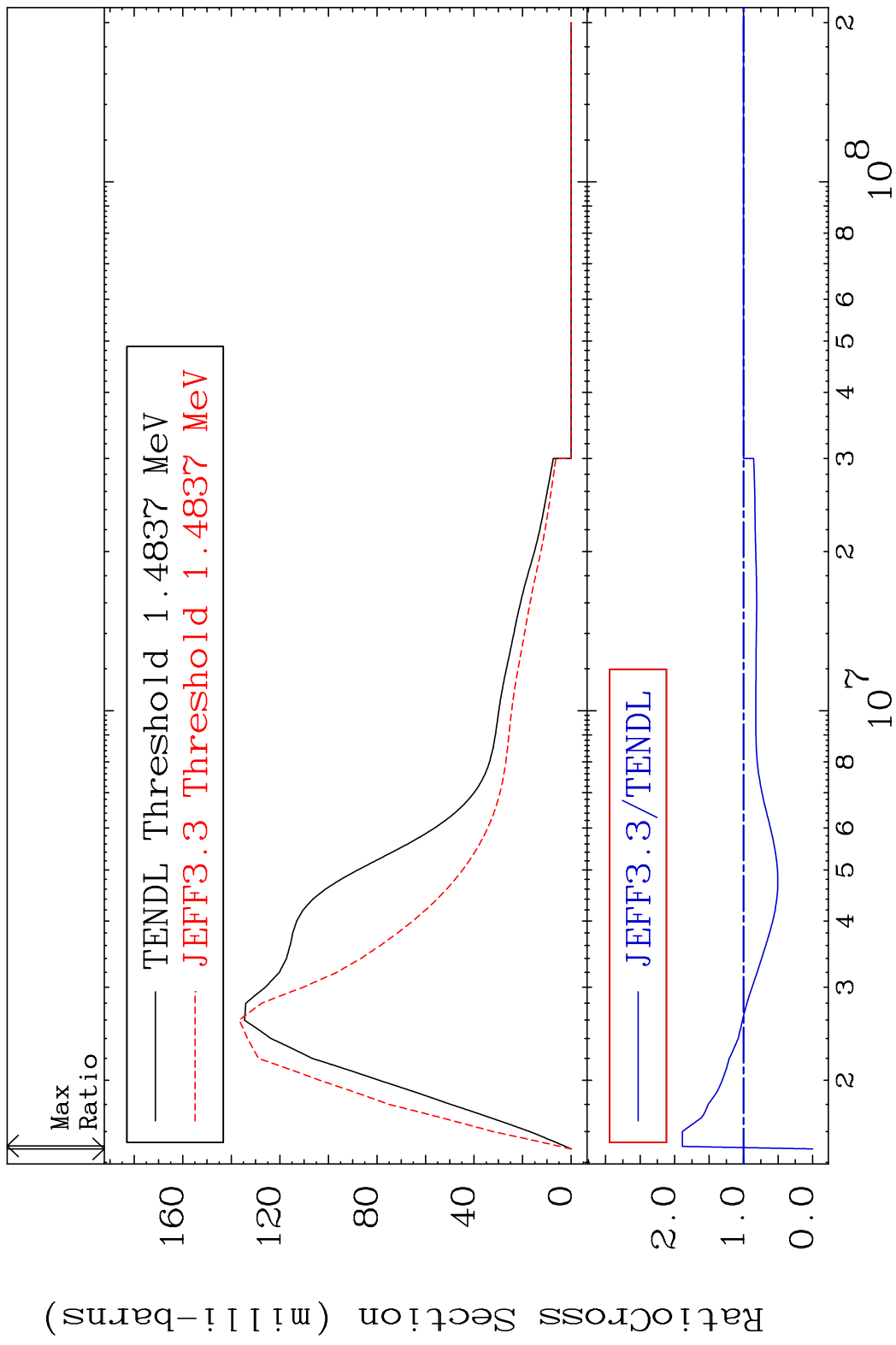
MAT 3237 MT= 51 (n,n') Level 32-Ge-74  
 Cross Section -100.0 To 78.39 %



MAT 3237 MT= 52 (n,n') Level 32-Ge-74  
 Cross Section -100.0 To 69.21 %



MAT 3237 MT= 53 (n, n') Level 32-Ge-74  
 Cross Section -100.0 To 88.77 %



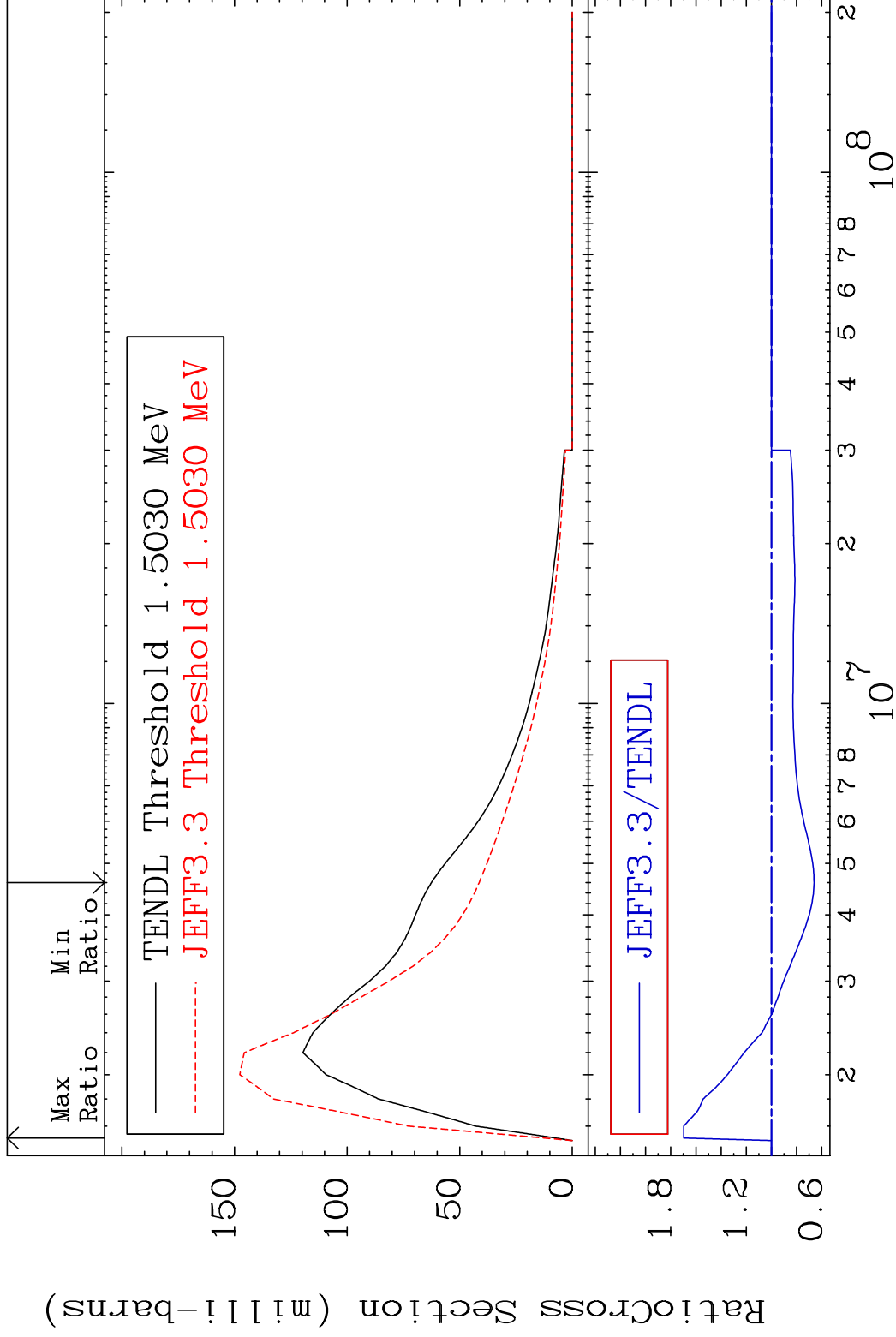


MAT 3237

MT= 54 (n,n') Level

32-Ge-74

Cross Section -33.88 To 69.74 %

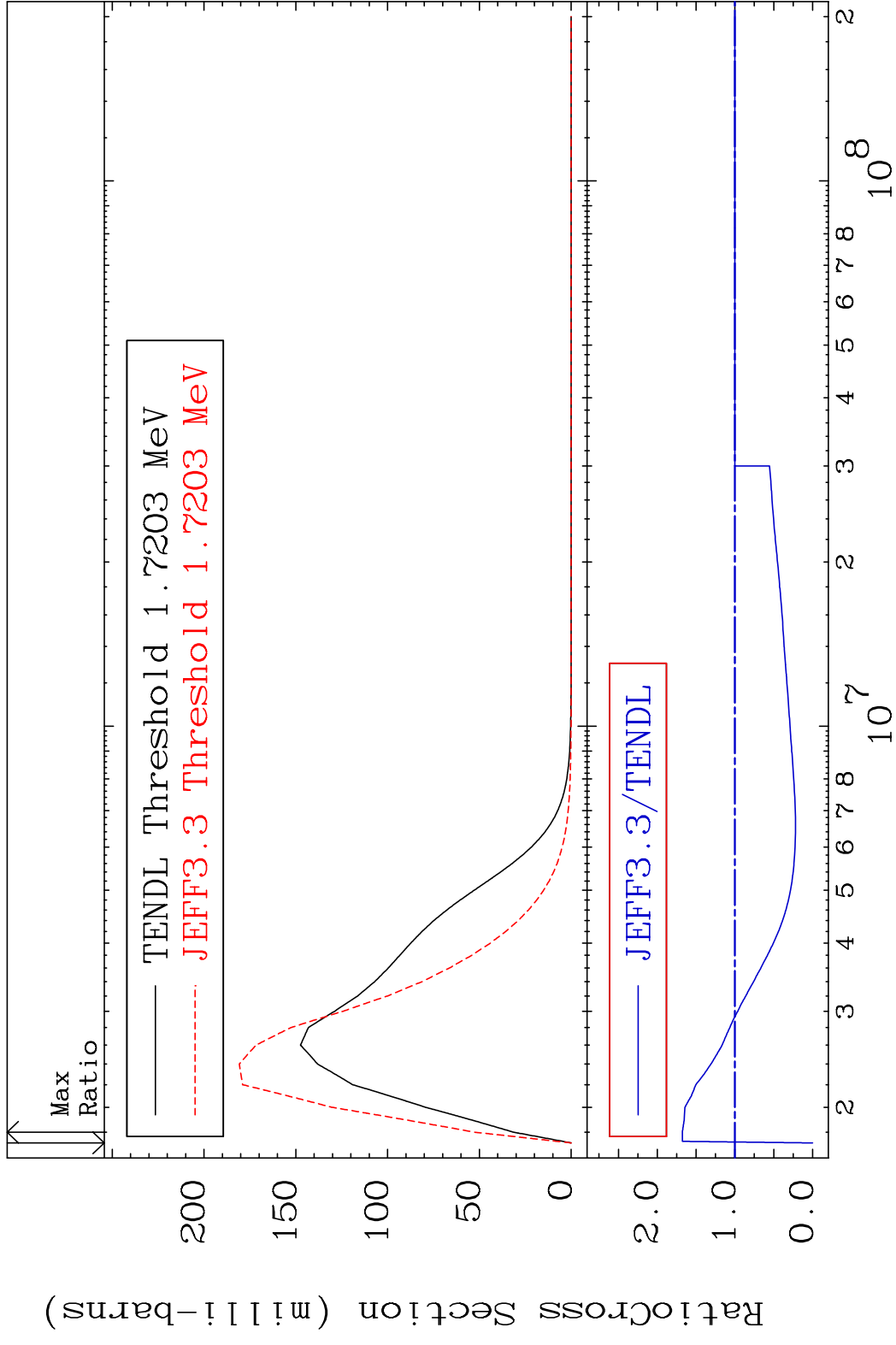


24

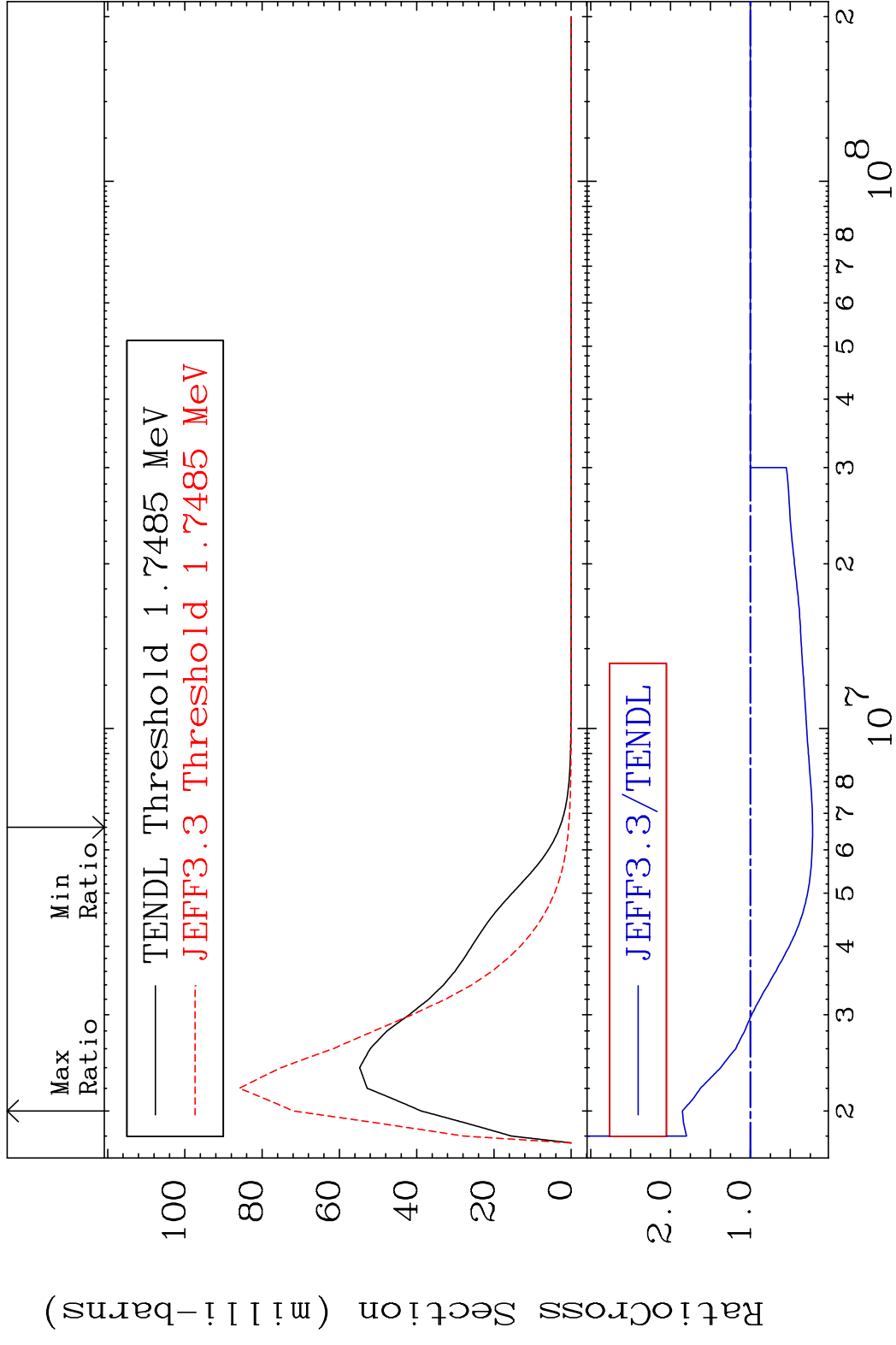
Incident Energy (eV)

32-Ge-74

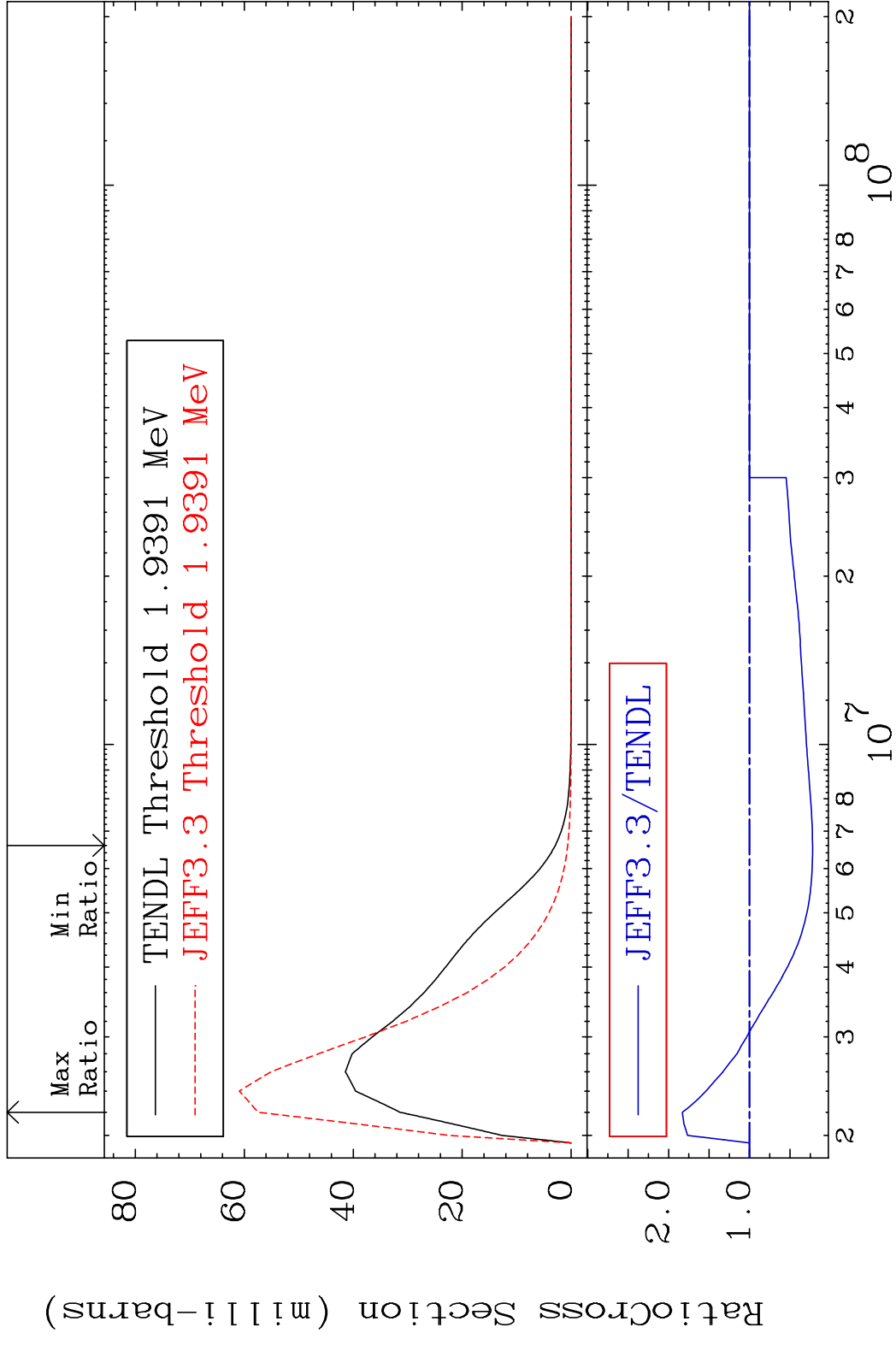
MAT 3237 MT= 55 (n,n') Level 32-Ge-74  
 Cross Section -100.0 To 67.68 %



MAT 3237 MT= 56 (n, n') Level 32-Ge-74  
 Cross Section -77.92 To 85.18 %



MAT 3237 MT= 57 (n,n') Level 32-Ge-74  
 Cross Section -77.89 To 83.01 %

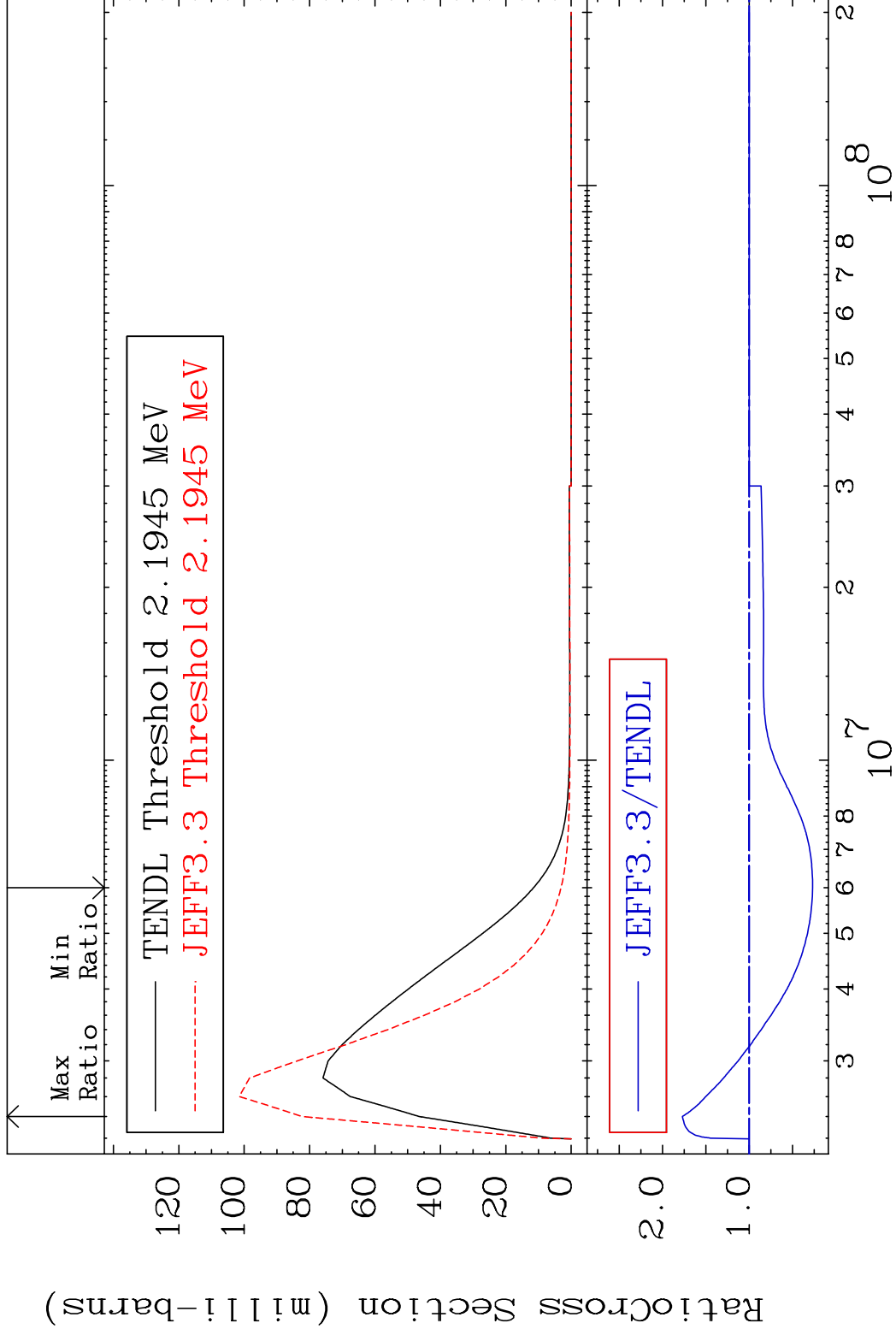


MAT 3237

MT= 58 (n, n') Level

32-Ge-74

Cross Section -73.01 To 77.14 %

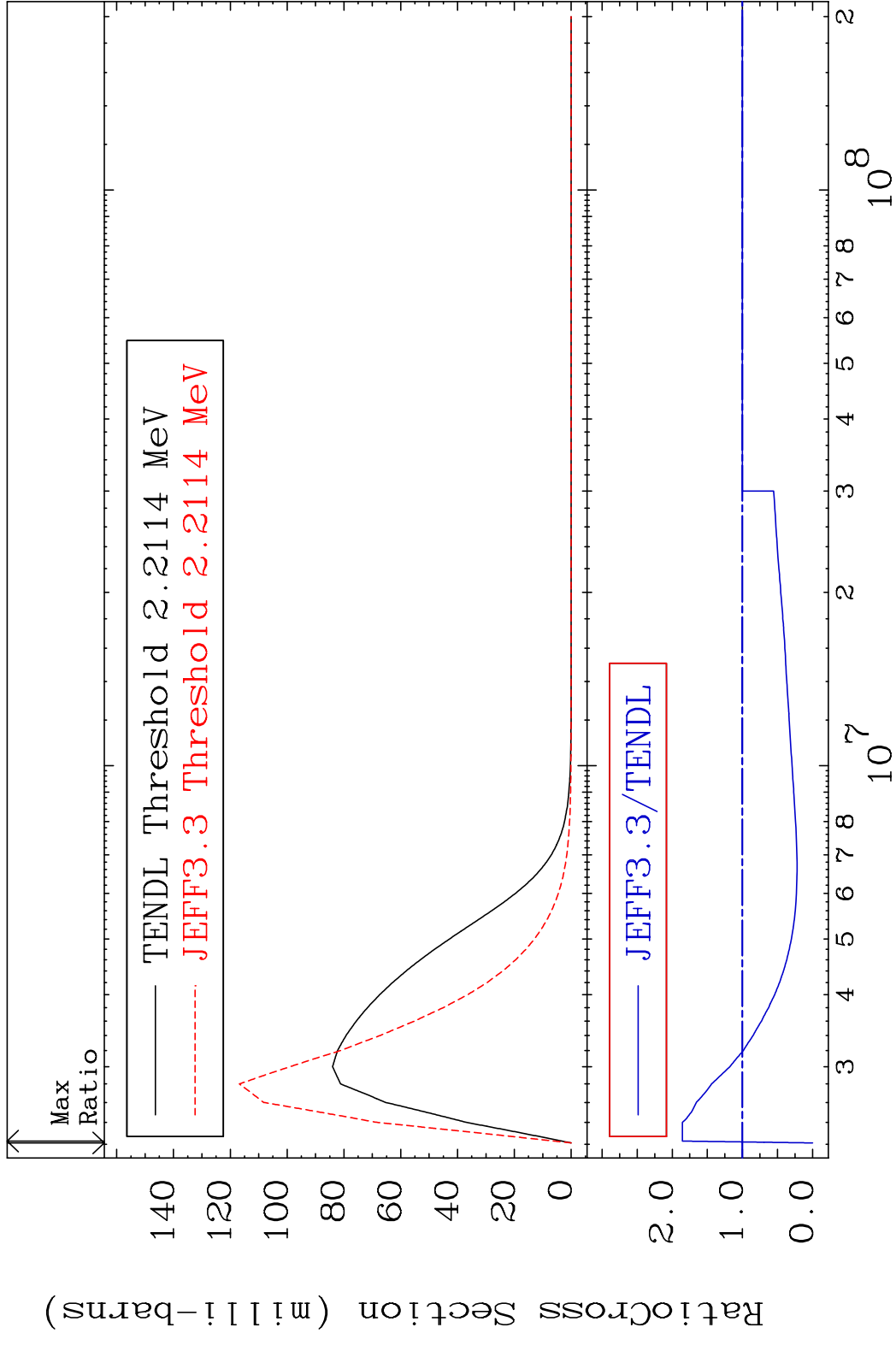


28

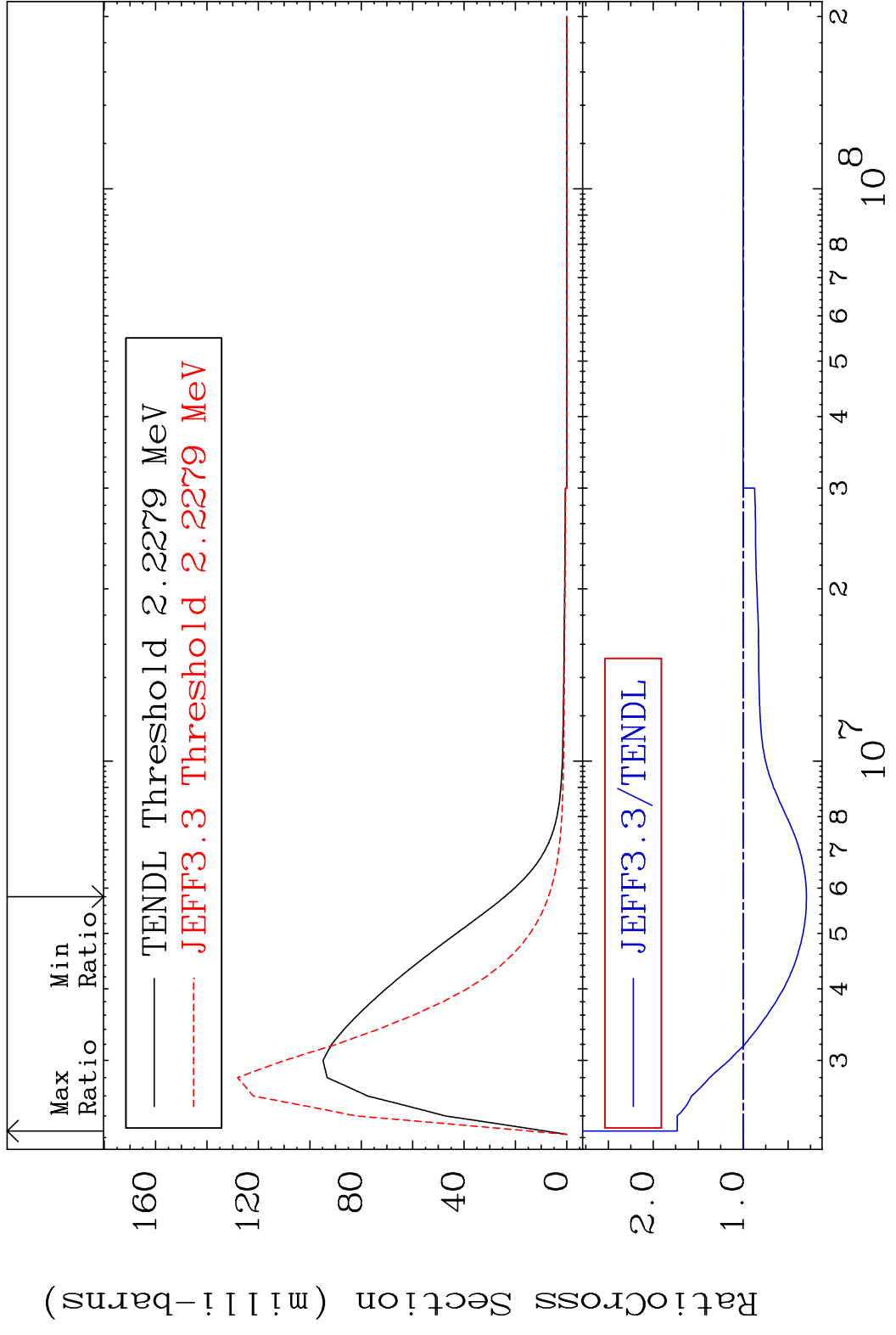
32-Ge-74

Incident Energy (eV)

MAT 3237 MT= 59 (n, n') Level 32-Ge-74  
 Cross Section -100.0 To 85.59 %

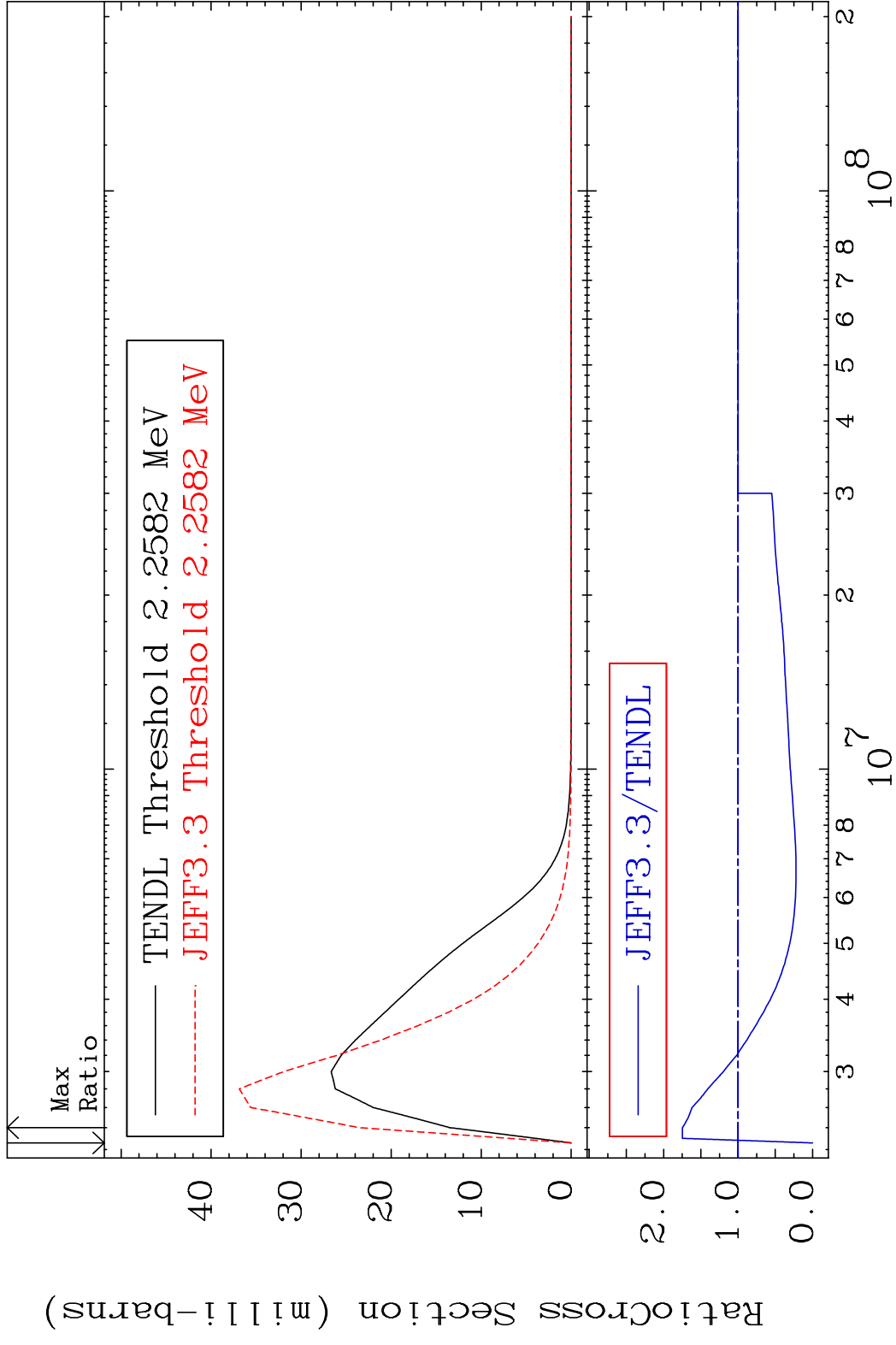


MAT 3237 MT= 60 (n, n') Level 32-Ge-74  
 Cross Section -70.36 To 73.39 %



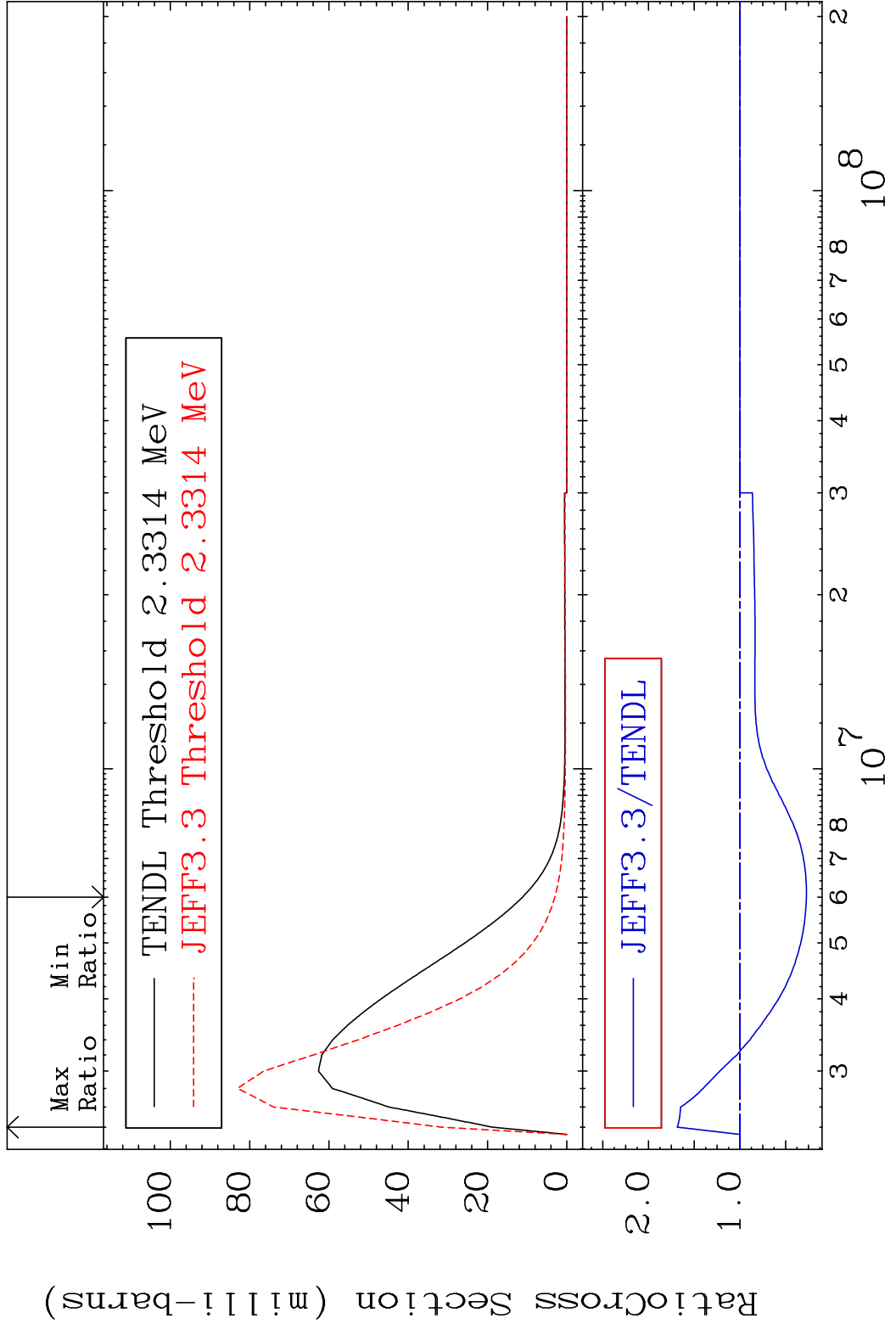
30 Incident Energy (eV) 32-Ge-74

MAT 3237 MT= 61 (n, n') Level 32-Ge-74  
 Cross Section -100.0 To 74.81 %

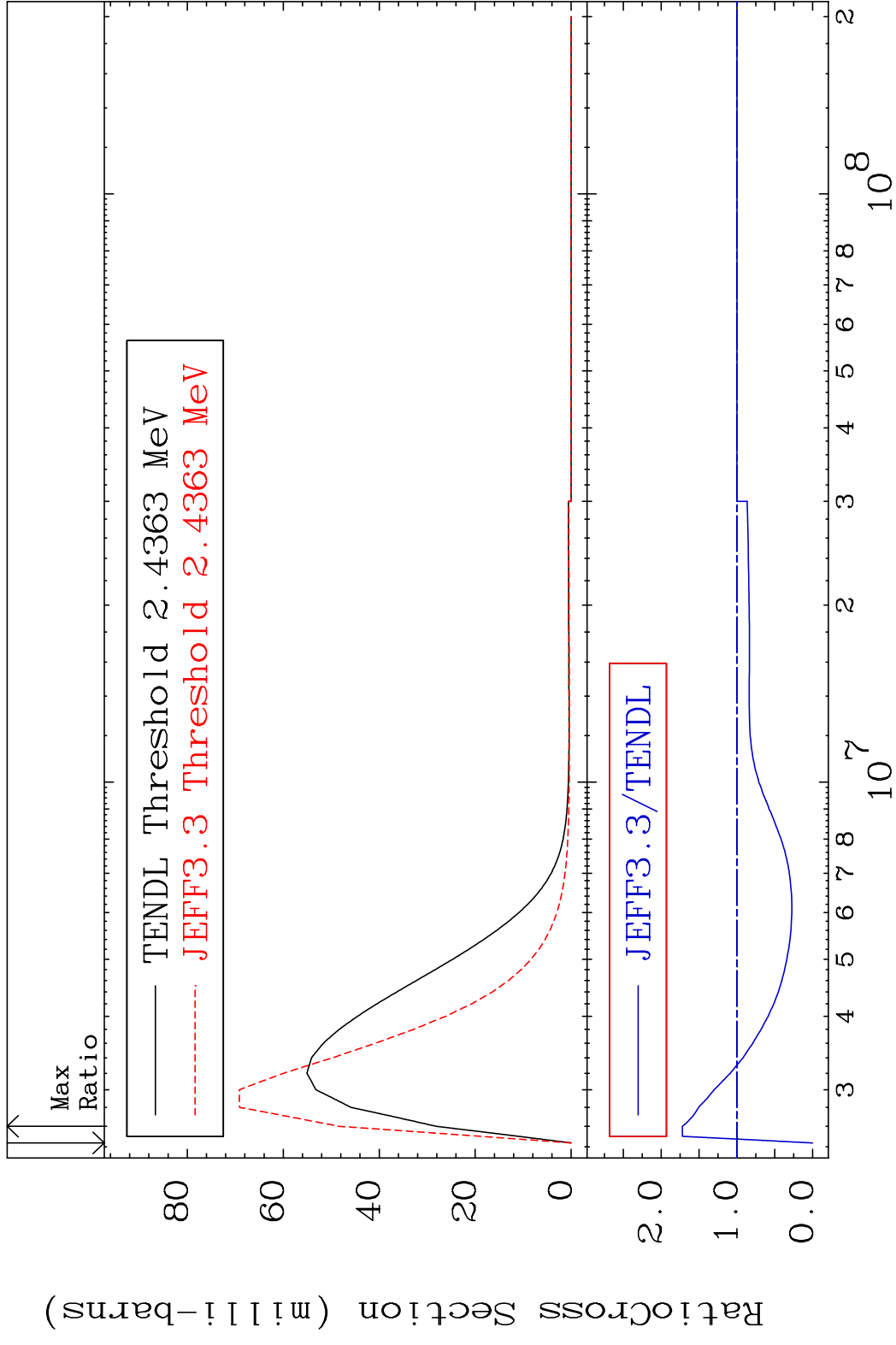




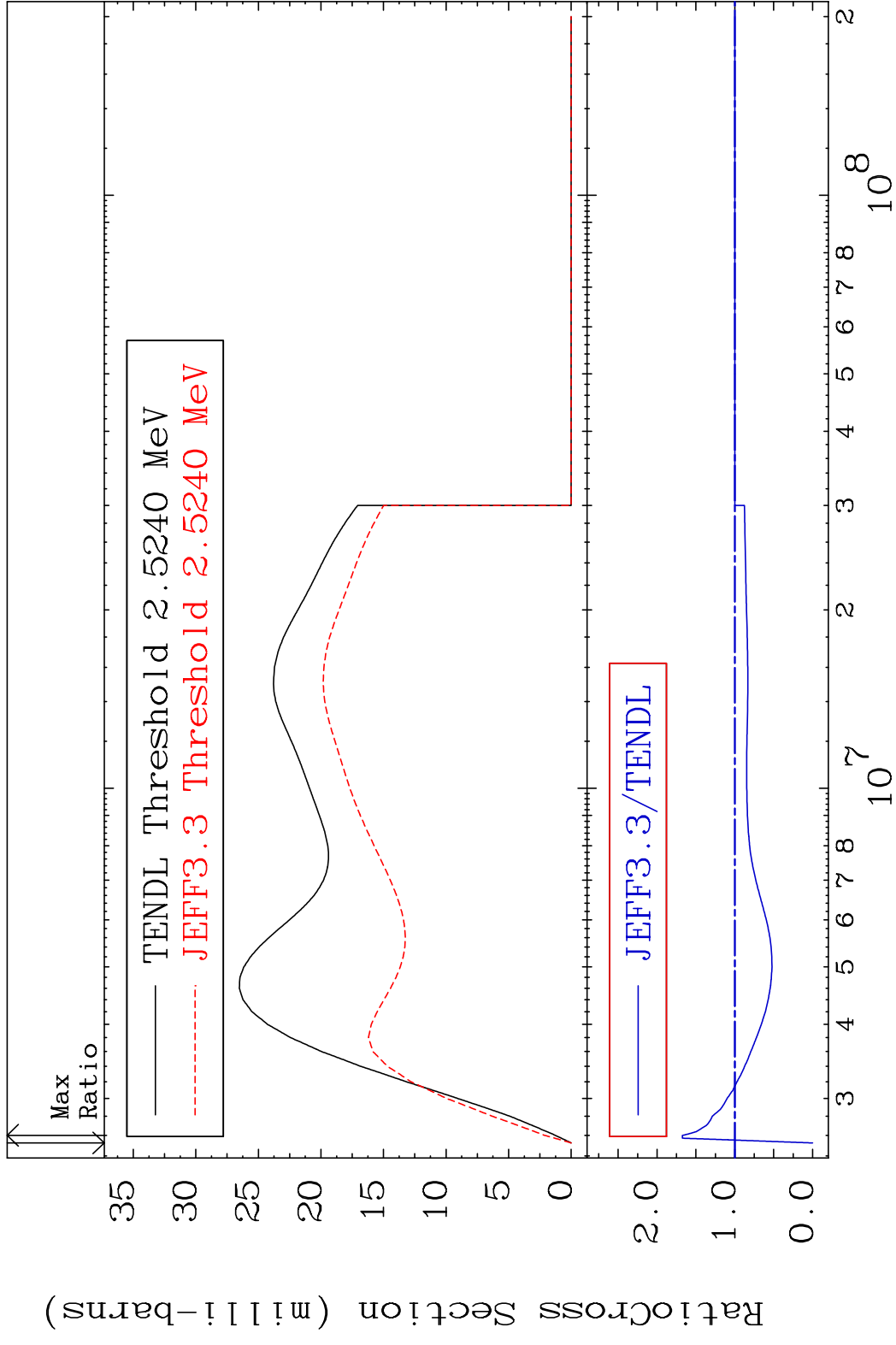
MAT 3237 MT= 62 (n,n') Level 32-Ge-74  
 Cross Section -72.74 To 68.65 %



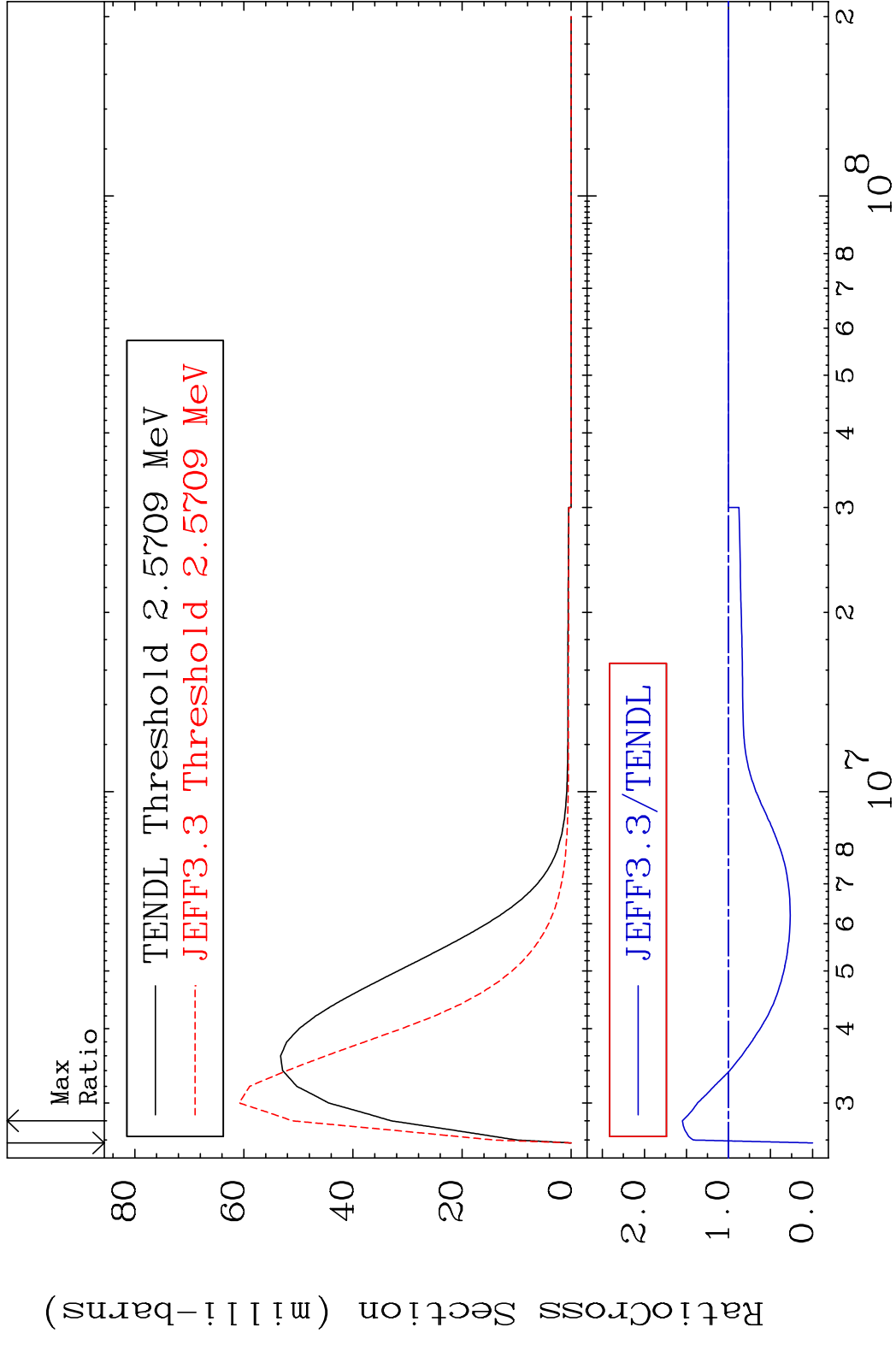
MAT 3237 MT= 63 (n, n') Level 32-Ge-74  
 Cross Section -100.0 To 71.99 %



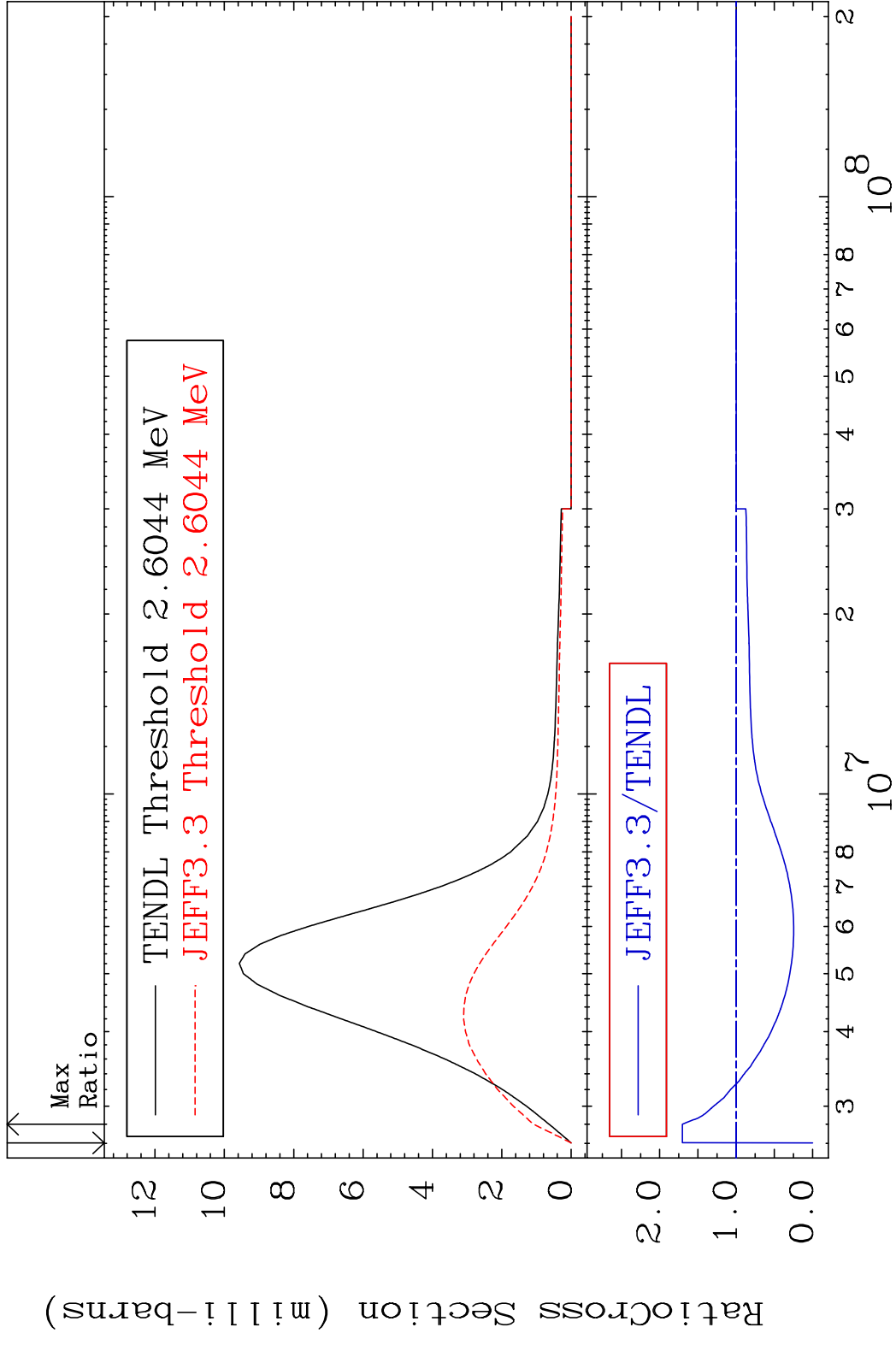
MAT 3237      MT= 64 (n,n') Level      32-Ge-74  
 Cross Section    -100.0 To 67.46 %



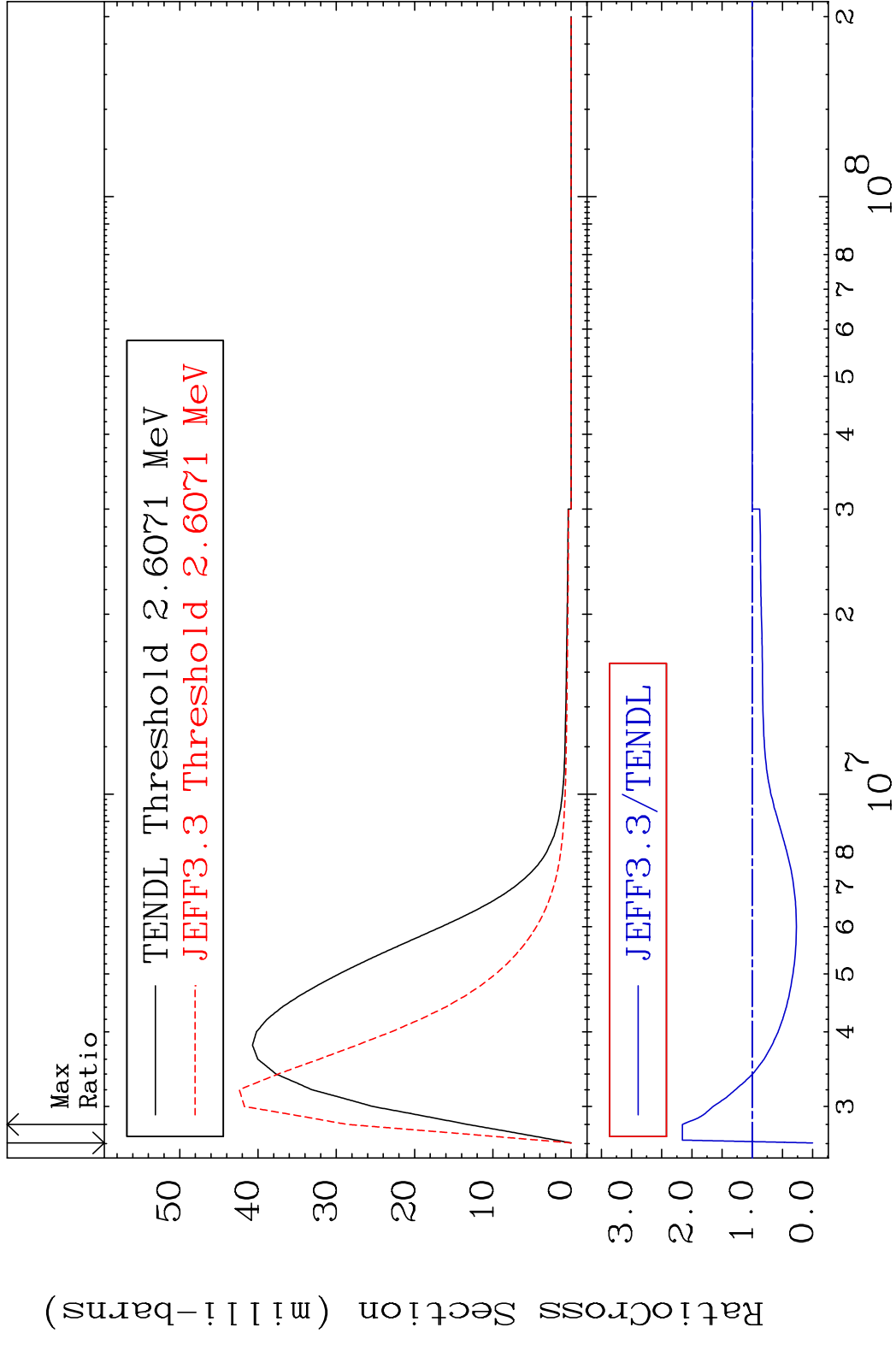
MAT 3237 MT= 65 (n, n') Level 32-Ge-74  
 Cross Section -100.0 To 54.89 %



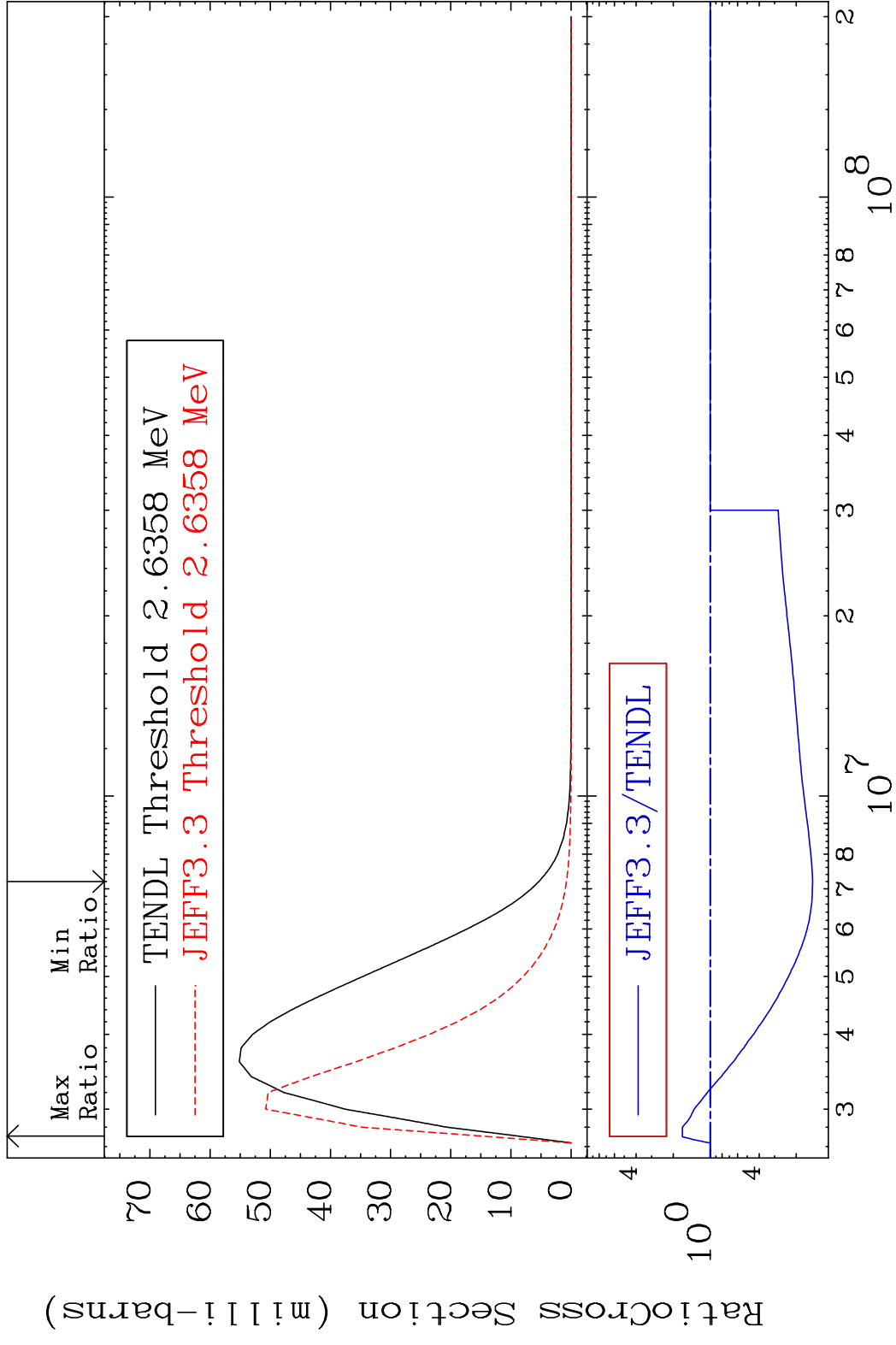
MAT 3237 MT= 66 (n,n') Level 32-Ge-74  
 Cross Section -100.0 To 70.35 %



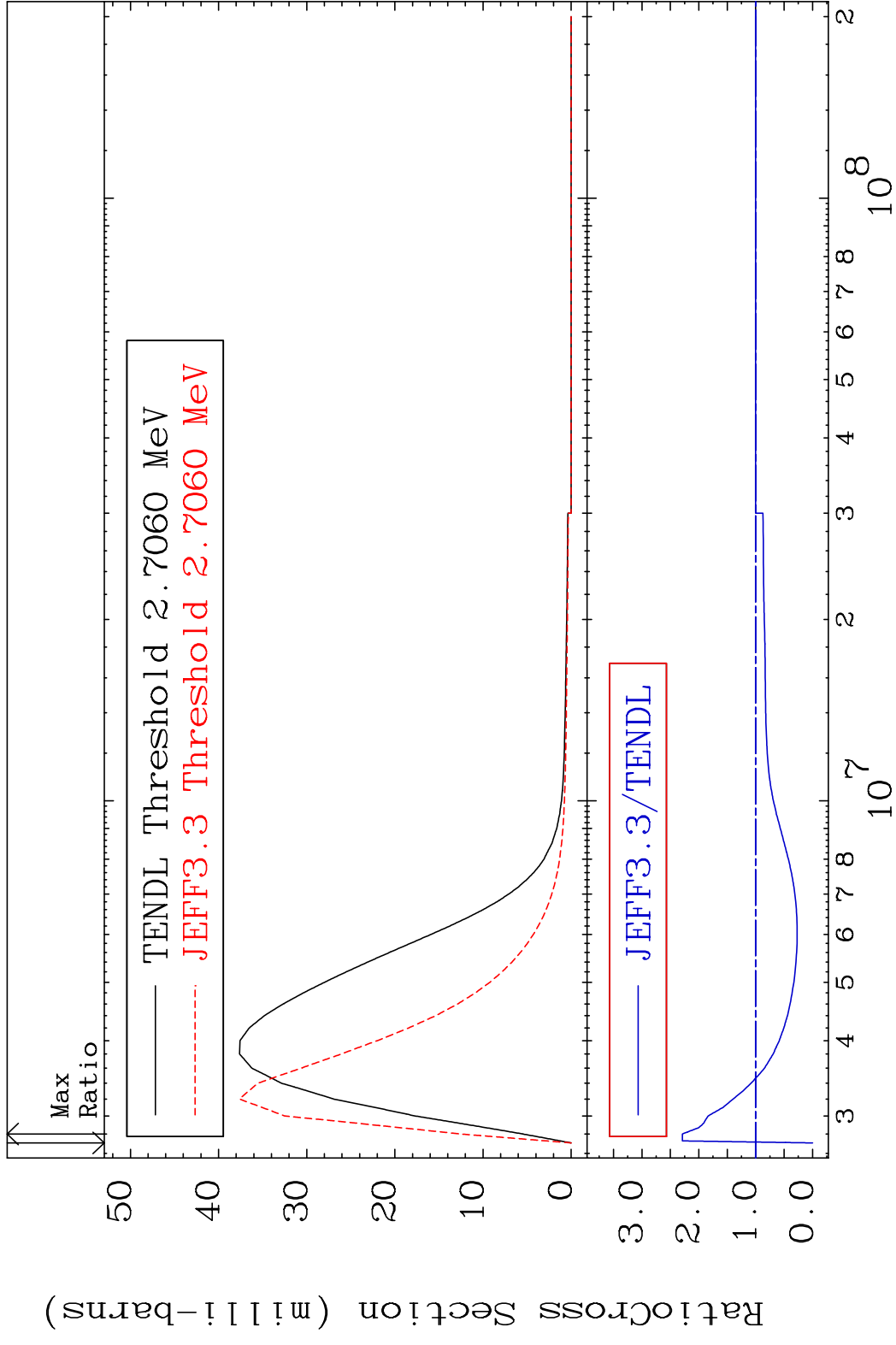
MAT 3237 MT= 67 (n, n') Level 32-Ge-74  
 Cross Section -100.0 To 115.8 %



MAT 3237 MT= 68 (n, n') Level 32-Ge-74  
 Cross Section -85.26 To 68.42 %

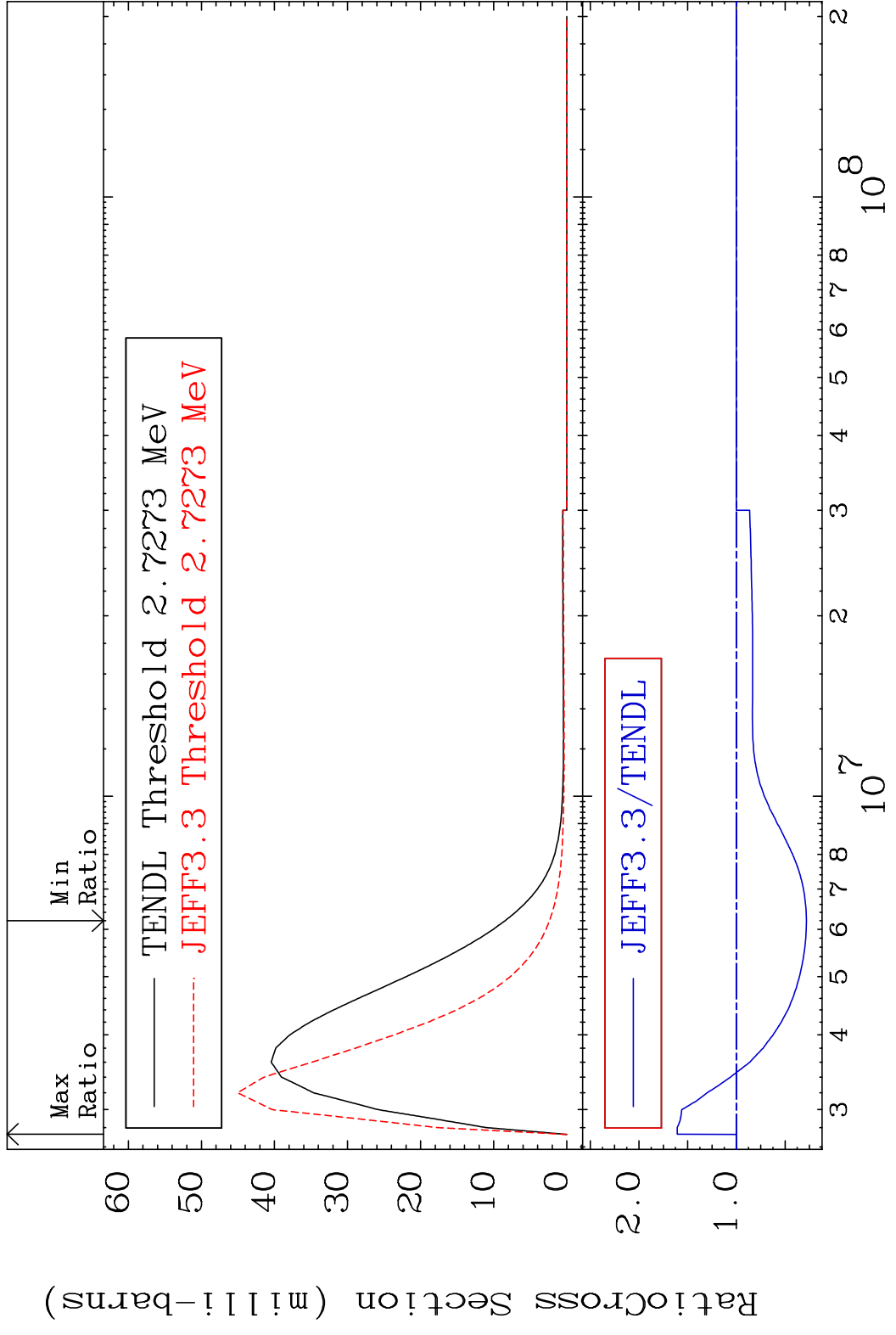


MAT 3237 MT= 69 (n, n') Level 32-Ge-74  
 Cross Section -100.0 To 128.9 %





MAT 3237 MT= 70 (n,n') Level 32-Ge-74  
 Cross Section -71.87 To 60.78 %

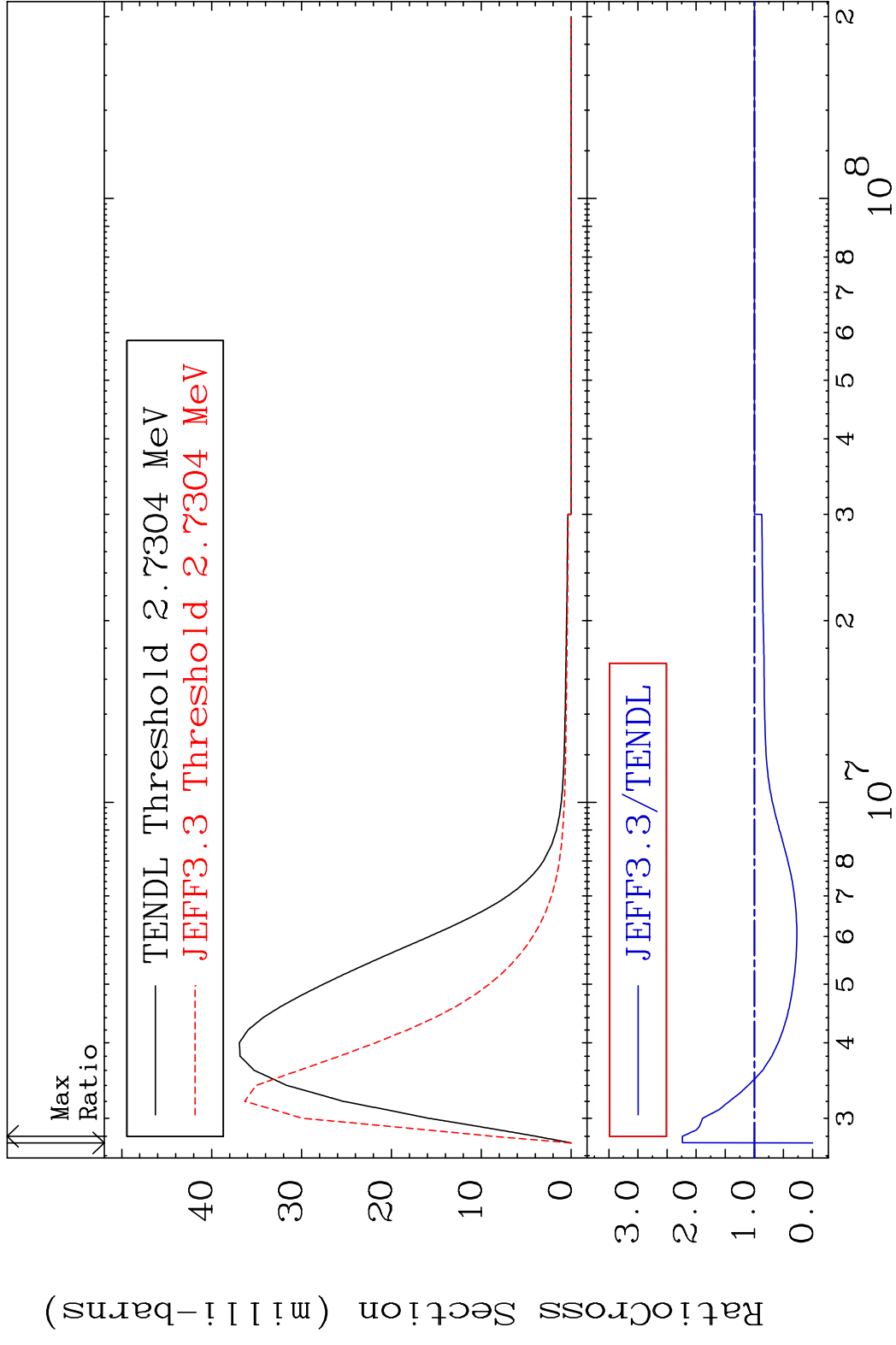


40

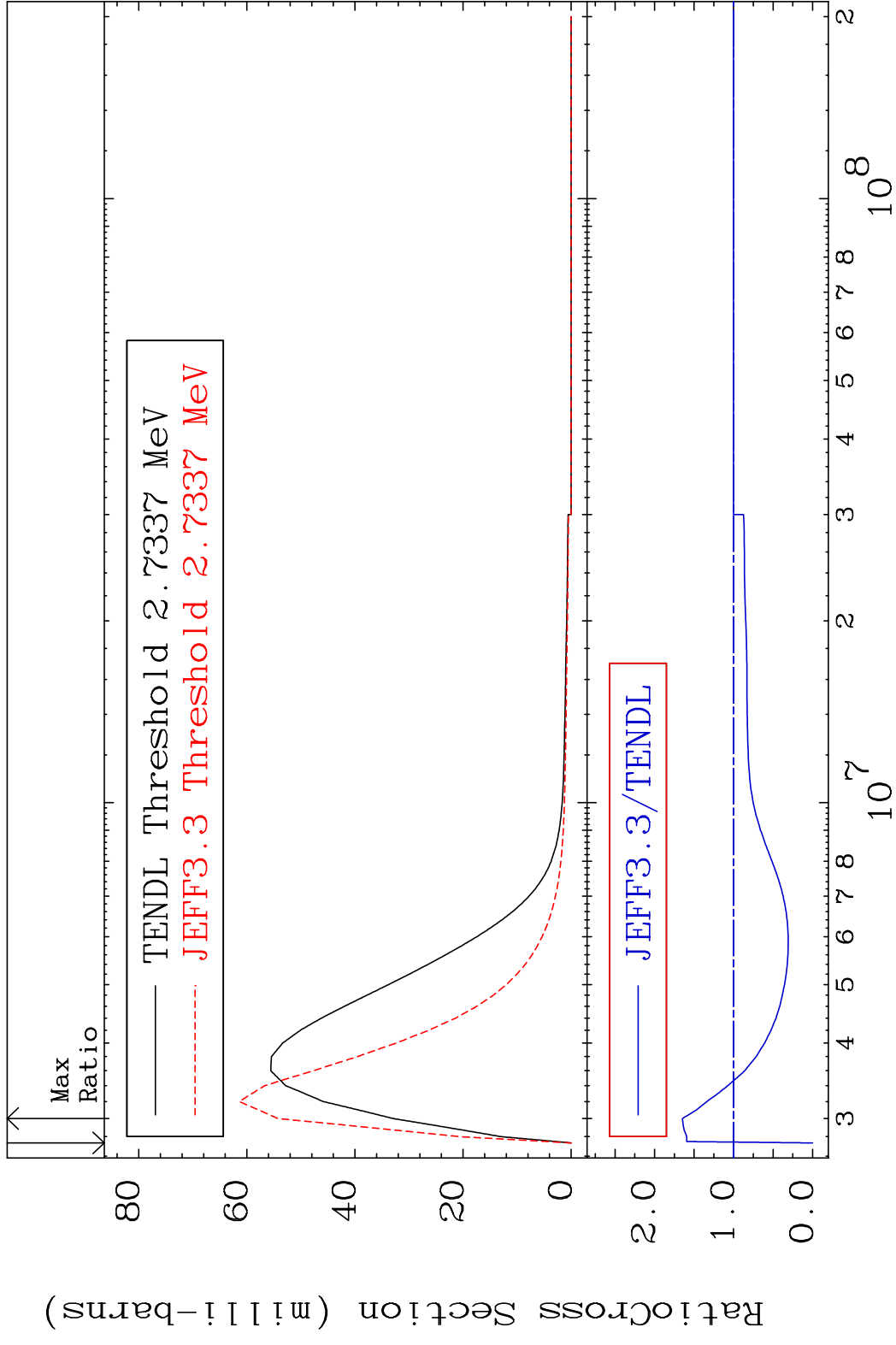
Incident Energy (eV)

32-Ge-74

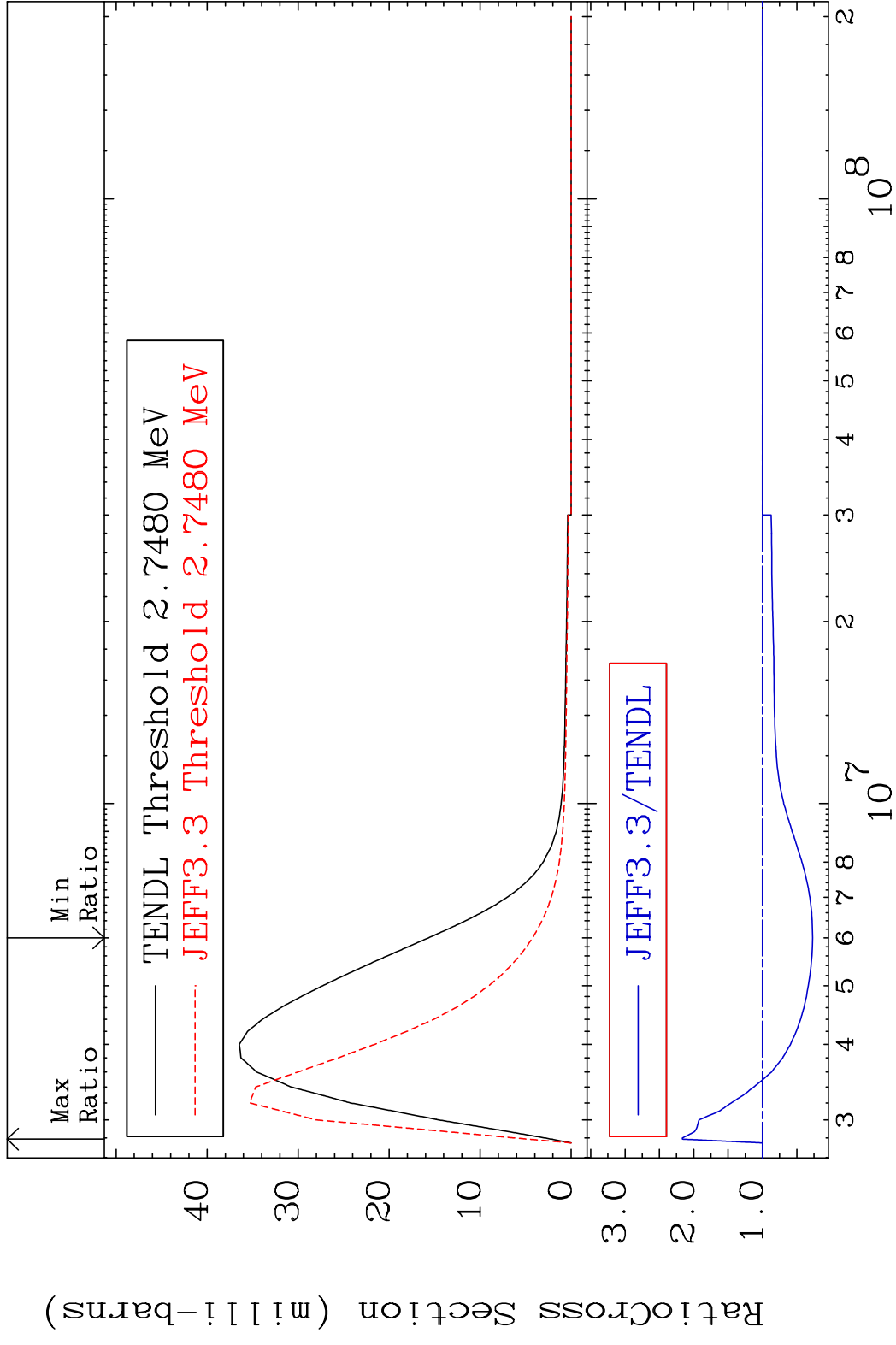
MAT 3237 MT= 71 (n, n') Level 32-Ge-74  
 Cross Section -100.0 To 123.7 %



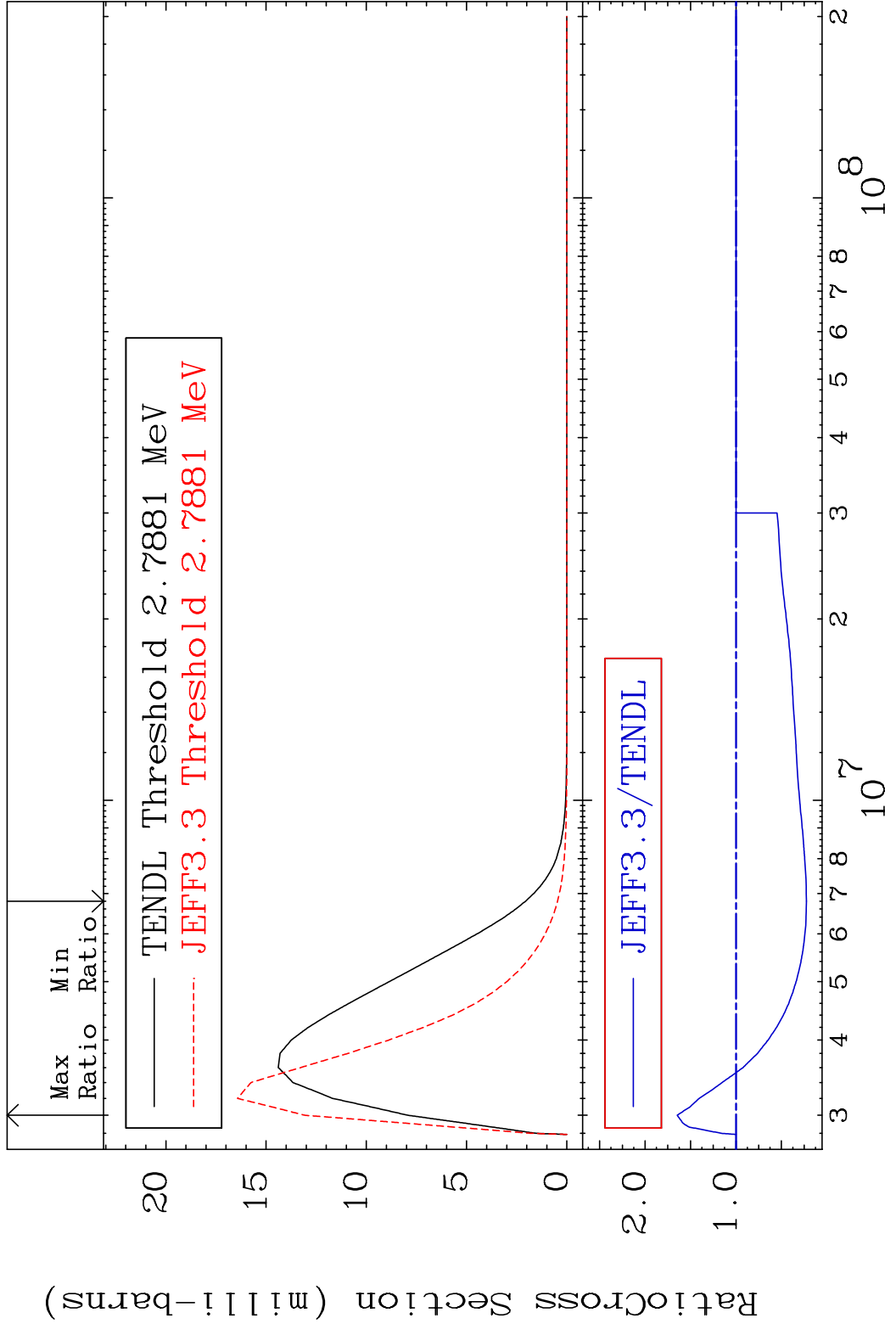
MAT 3237 MT= 72 (n, n') Level 32-Ge-74  
 Cross Section -100.0 To 64.80 %



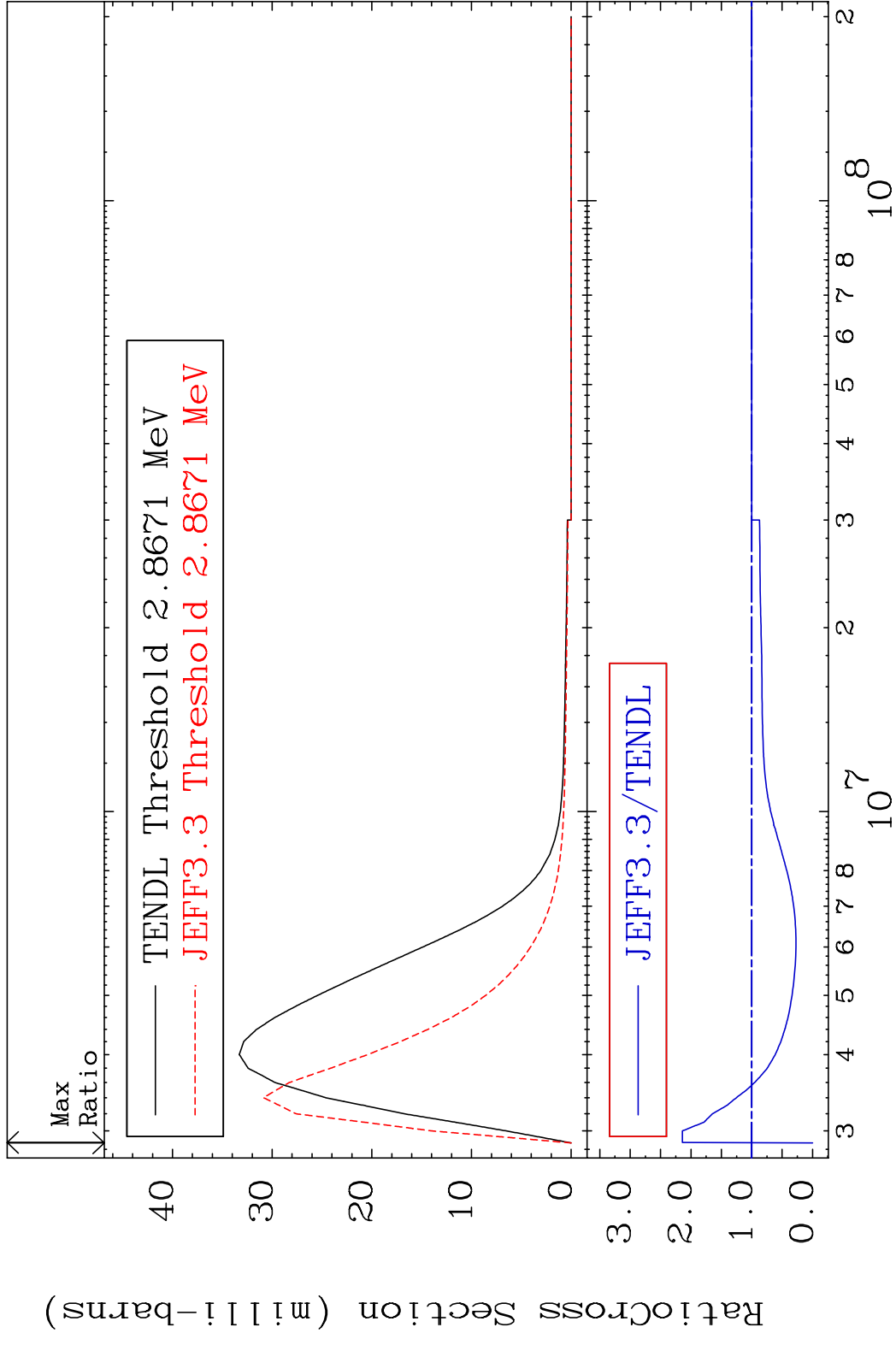
MAT 3237 MT= 73 (n, n') Level 32-Ge-74  
 Cross Section -72.93 To 116.6 %



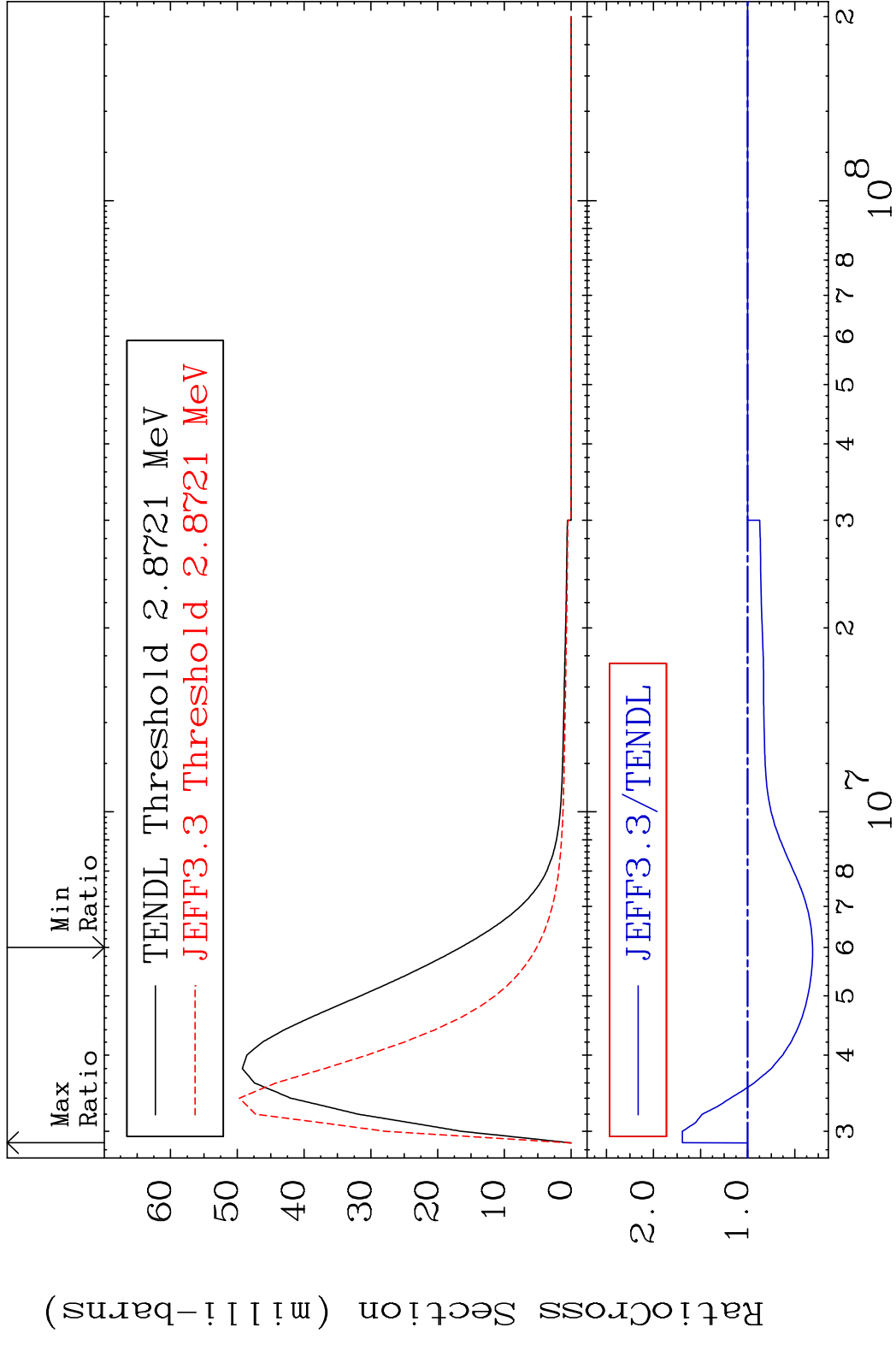
MAT 3237 MT= 74 (n,n') Level 32-Ge-74  
 Cross Section -77.47 To 64.69 %



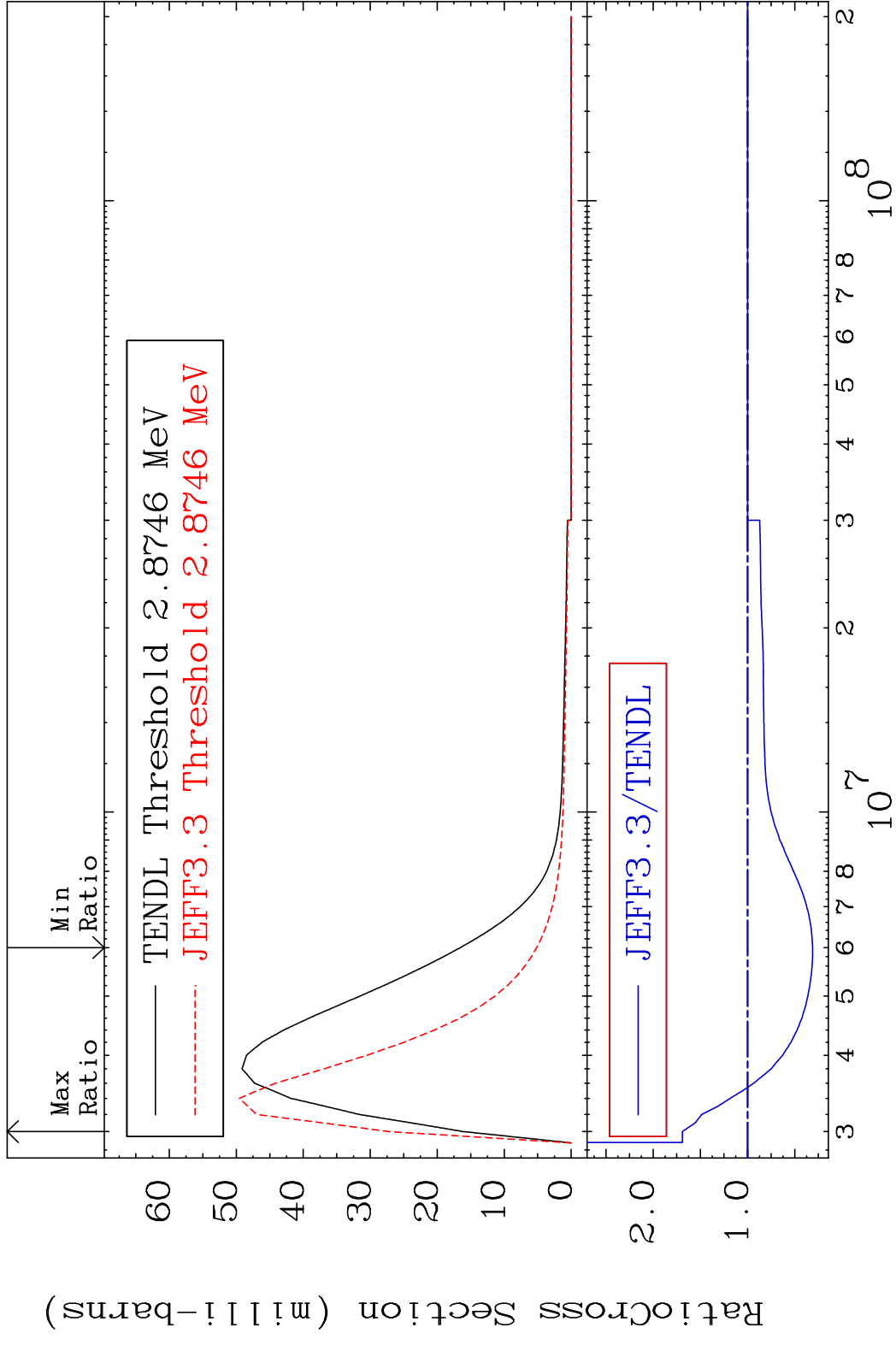
MAT 3237      MT= 75 (n, n') Level      32-Ge-74  
 Cross Section    -100.0 To 114.2 %



MAT 3237 MT= 76 (n,n') Level 32-Ge-74  
 Cross Section -68.85 To 69.37 %

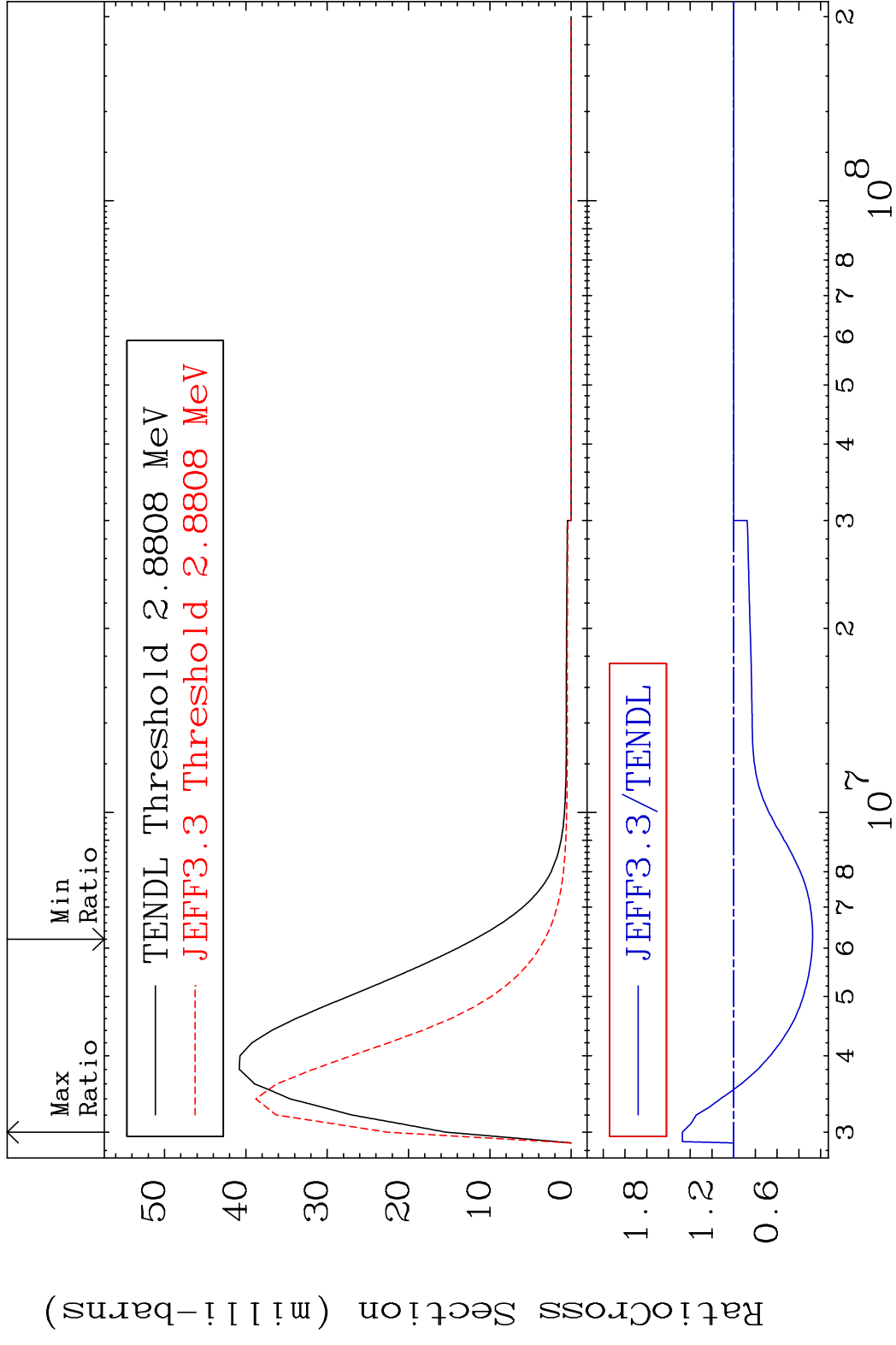


MAT 3237 MT= 77 (n, n') Level 32-Ge-74  
 Cross Section -68.85 To 69.08 %

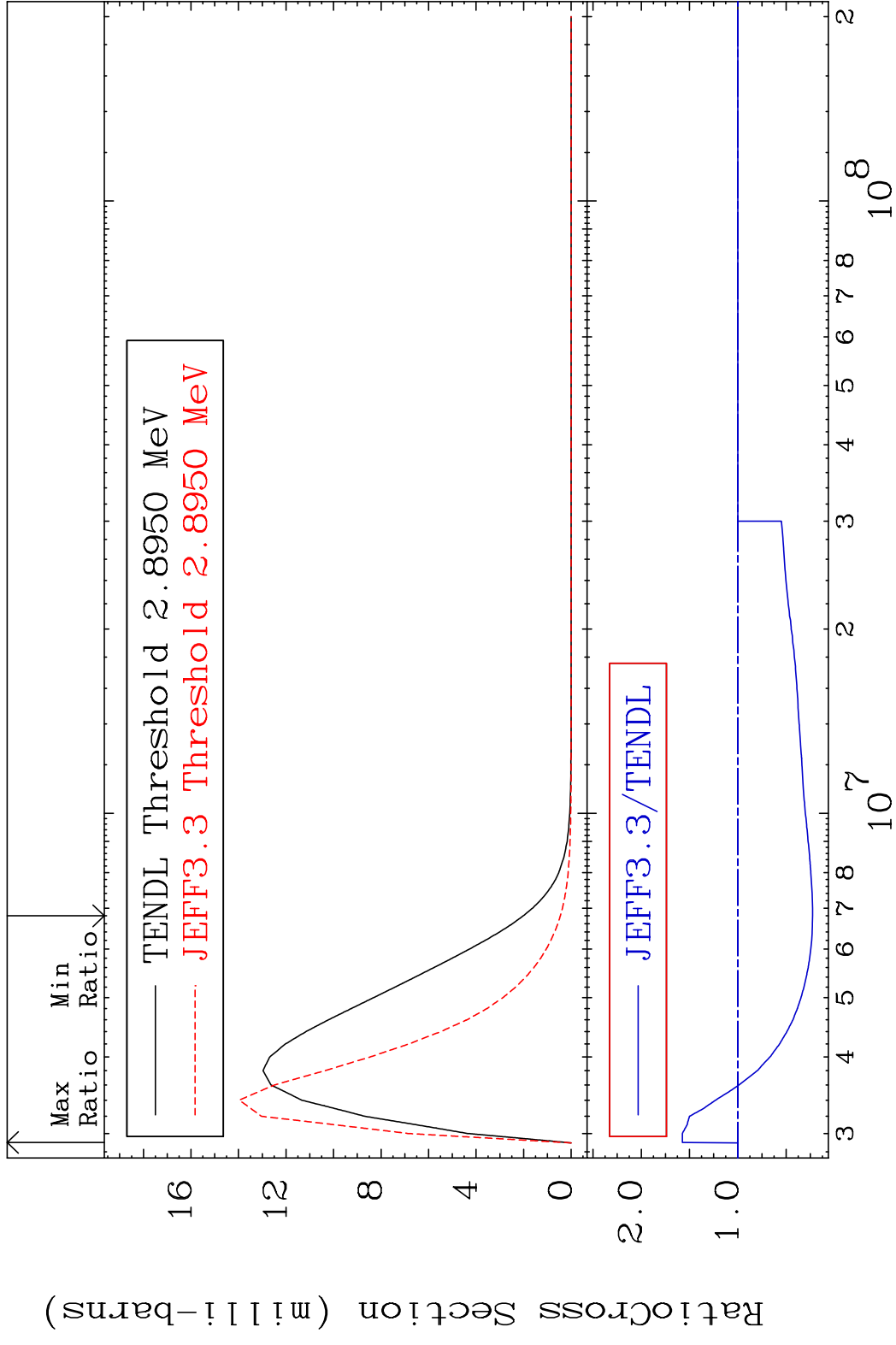




MAT 3237 MT= 78 (n,n') Level 32-Ge-74  
 Cross Section -72.64 To 47.23 %



MAT 3237 MT= 79 (n,n') Level 32-Ge-74  
 Cross Section -77.37 To 57.46 %

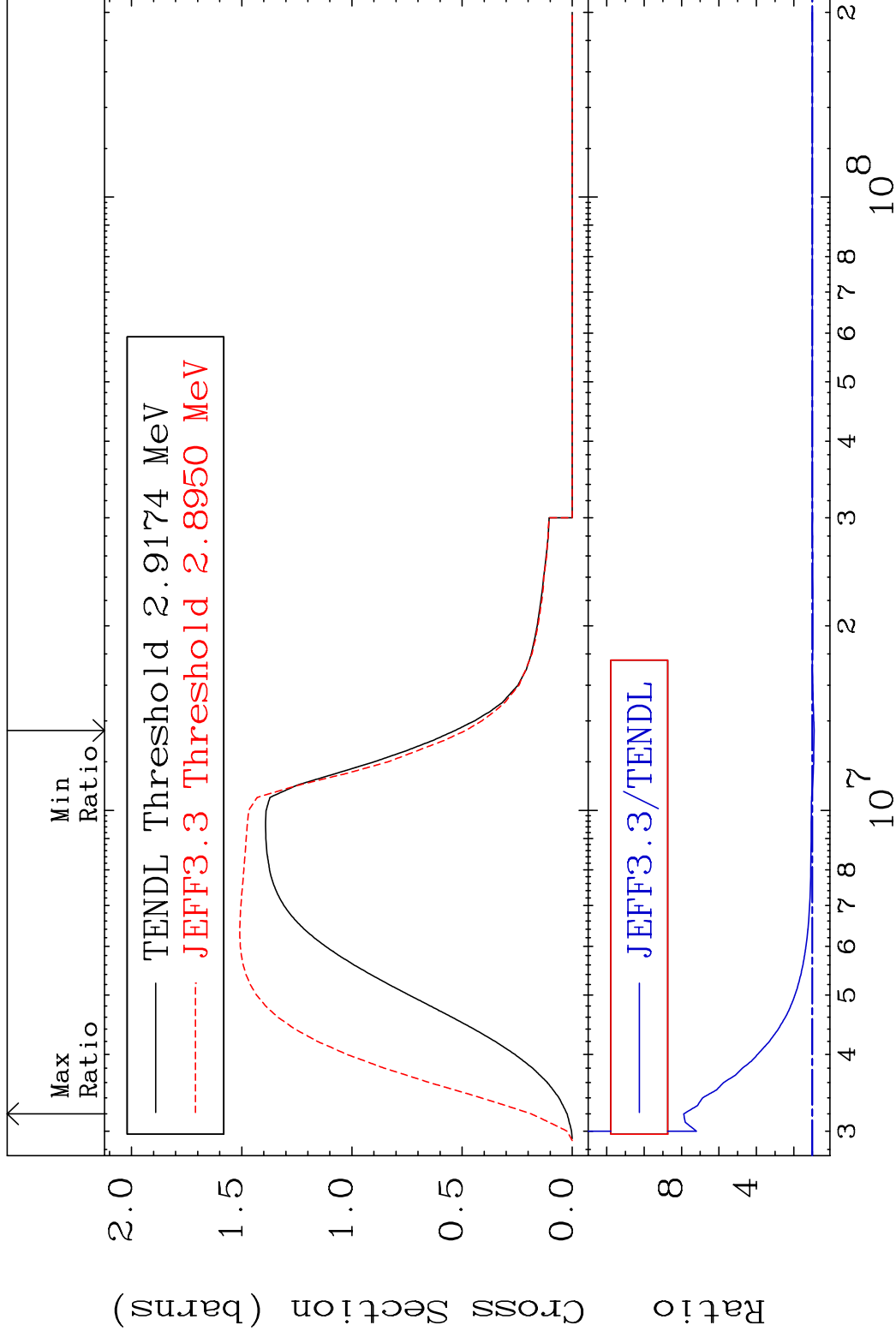


MAT 3237

(n, n') Continuum

<sup>32</sup>Ge-74

Cross Section -9.115 To 688.7 %



50

Incident Energy (eV)

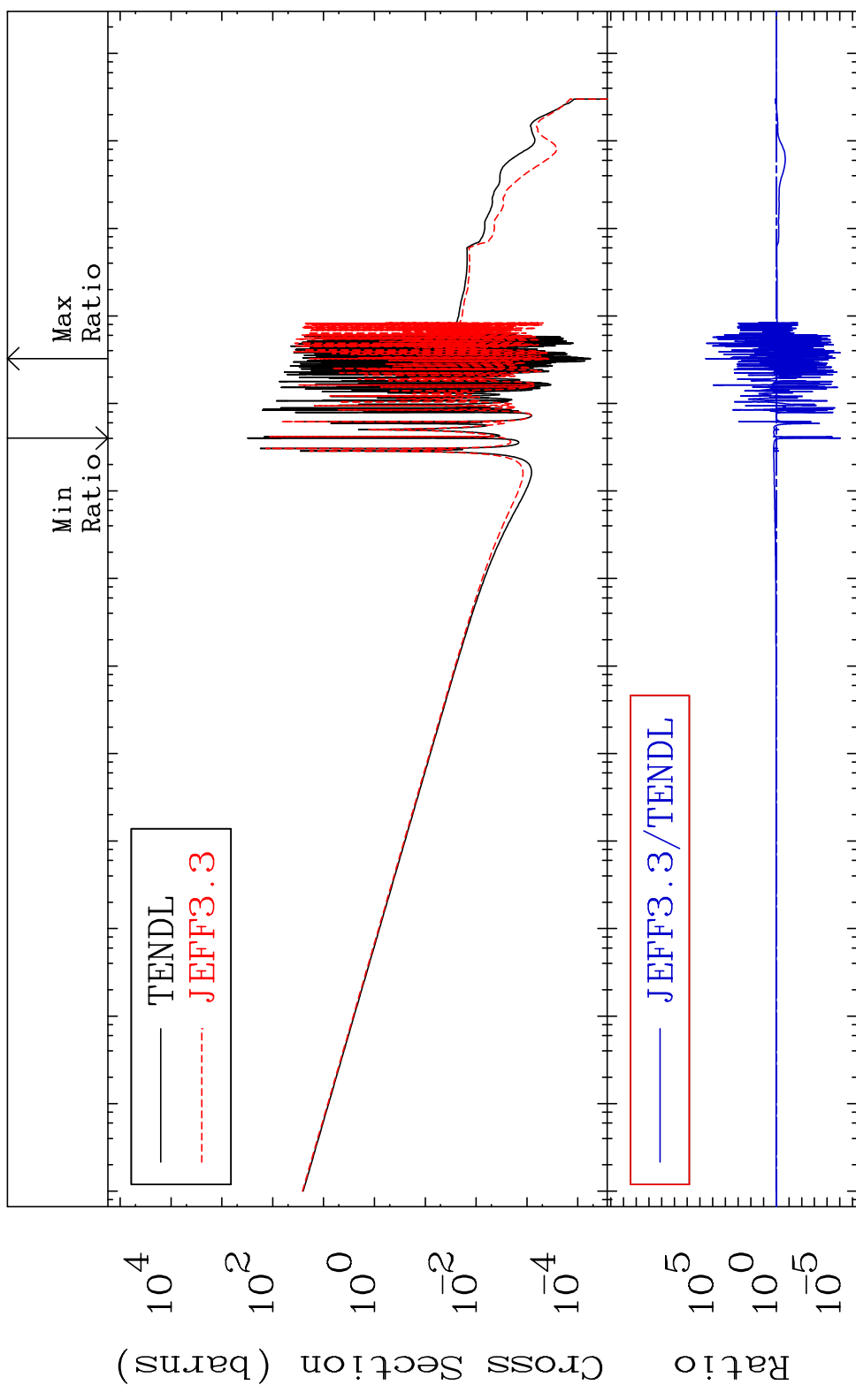
<sup>32</sup>Ge-74

MAT 3237

(n,  $\gamma$ )

32-Ge-74

Cross Section -100.0 To 9999. %

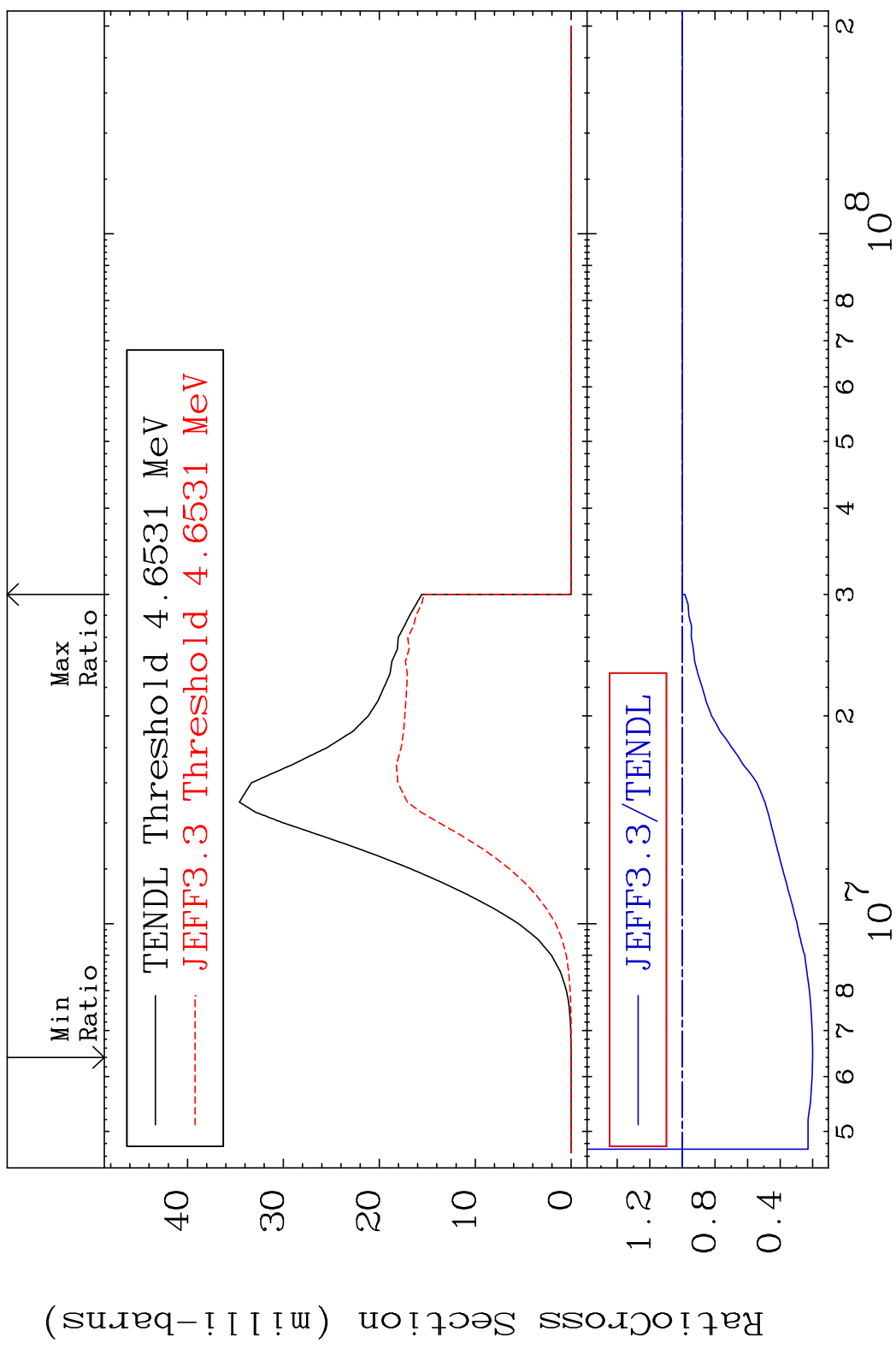


MAT 3237

(n, p)

32-Ge-74

Cross Section -79.92 To 0.000 %

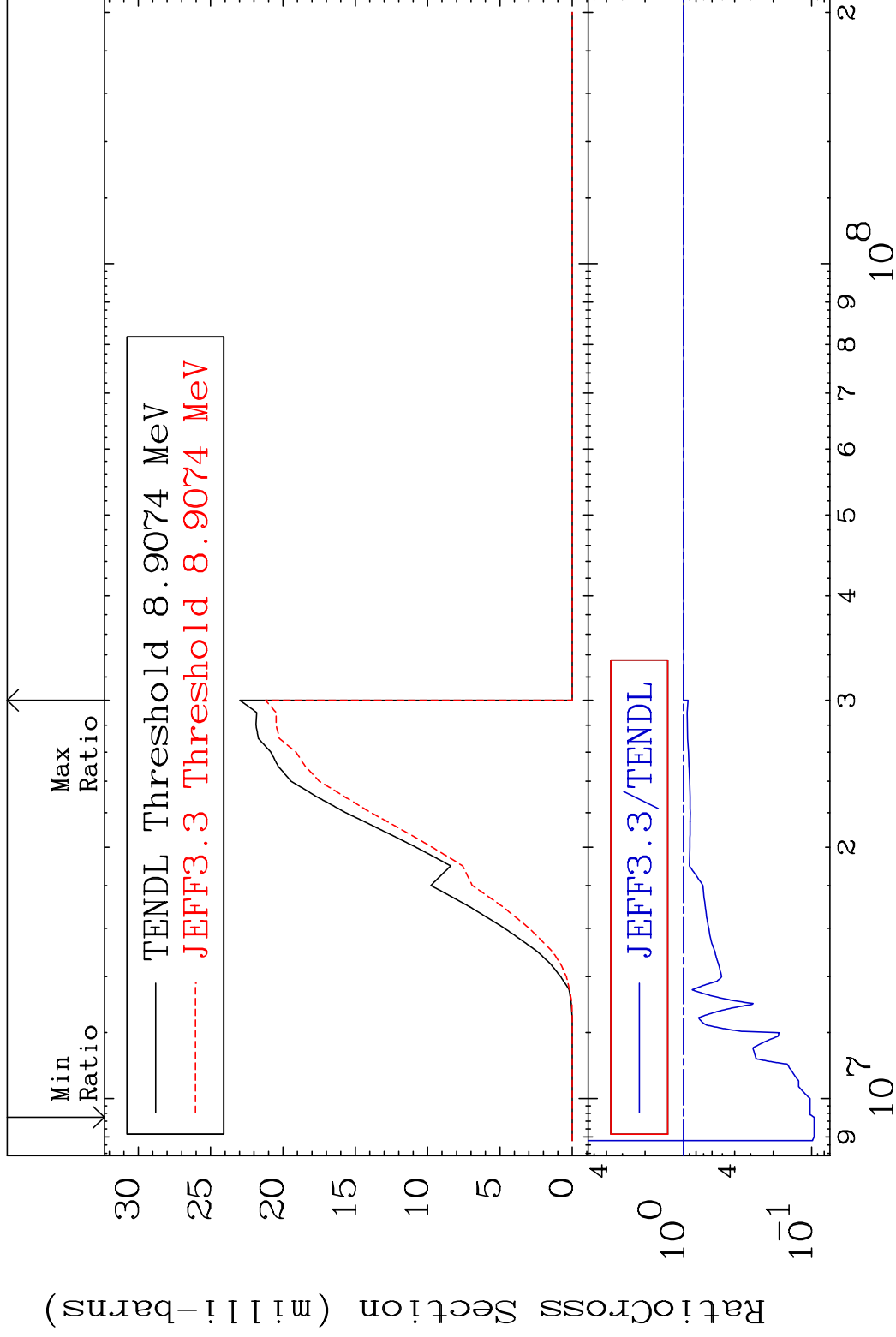


MAT 3237

(n, d)

32-Ge-74

Cross Section -90.42 To 0.000 %

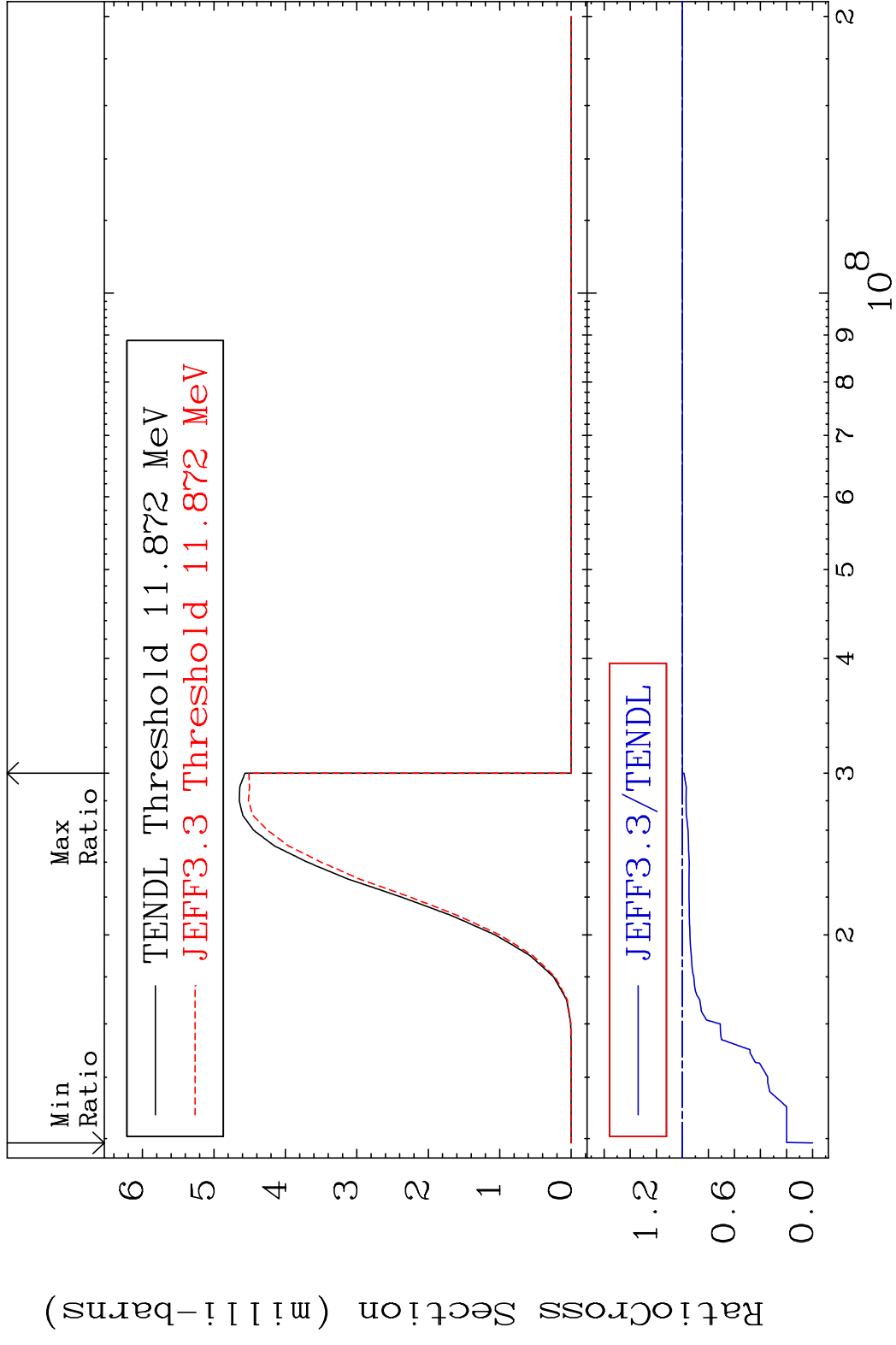


53

Incident Energy (eV)

32-Ge-74

MAT 3237 (n, t) 32-Ge-74  
 Cross Section -100.0 To 0.000 %

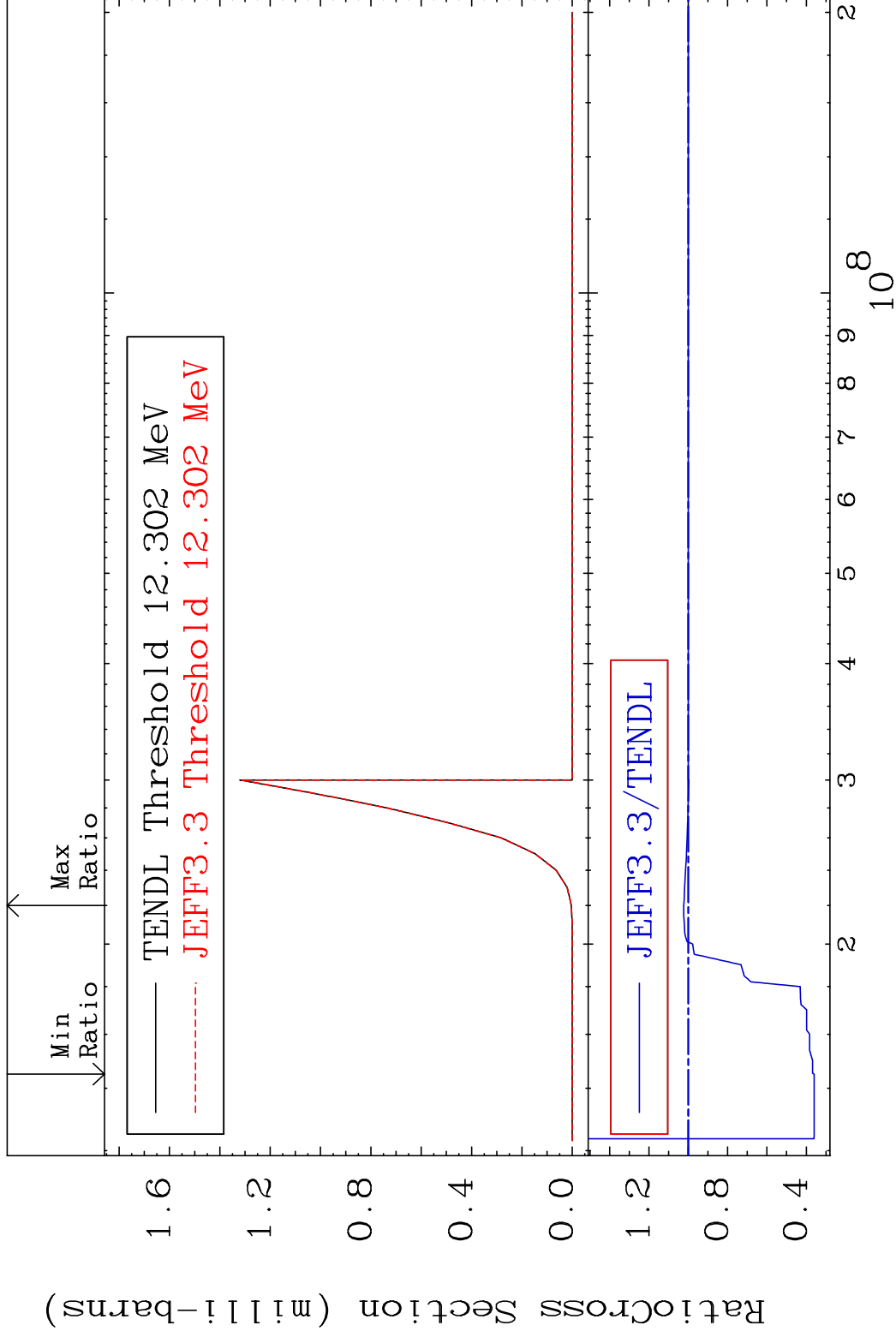


MAT 3237

(n, He-3)

32-Ge-74

Cross Section -63.98 To 2.354 %



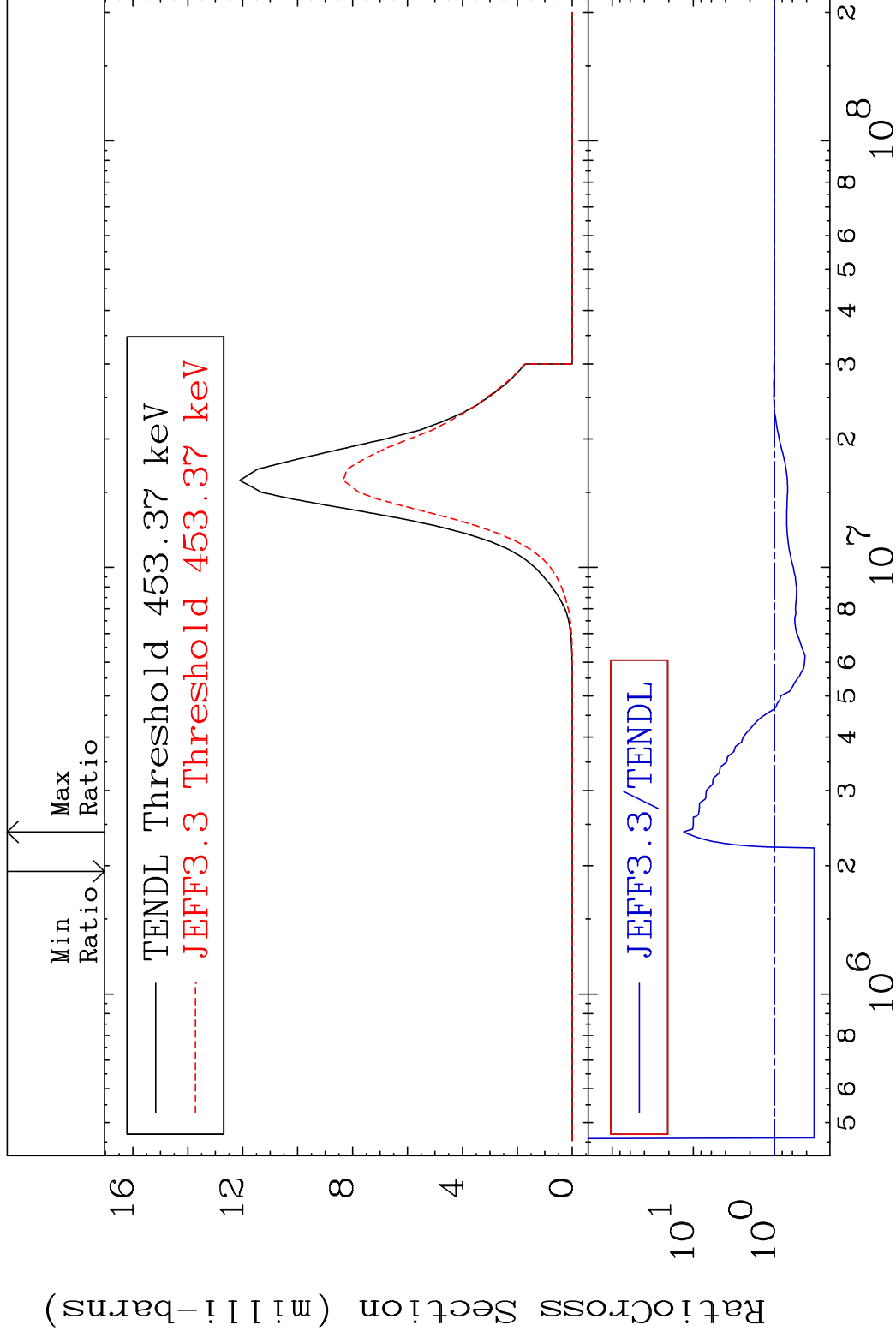


MAT 3237

(n,  $\alpha$ )

32-Ge-74

Cross Section -67.64 To 1212. %



56

Incident Energy (eV)

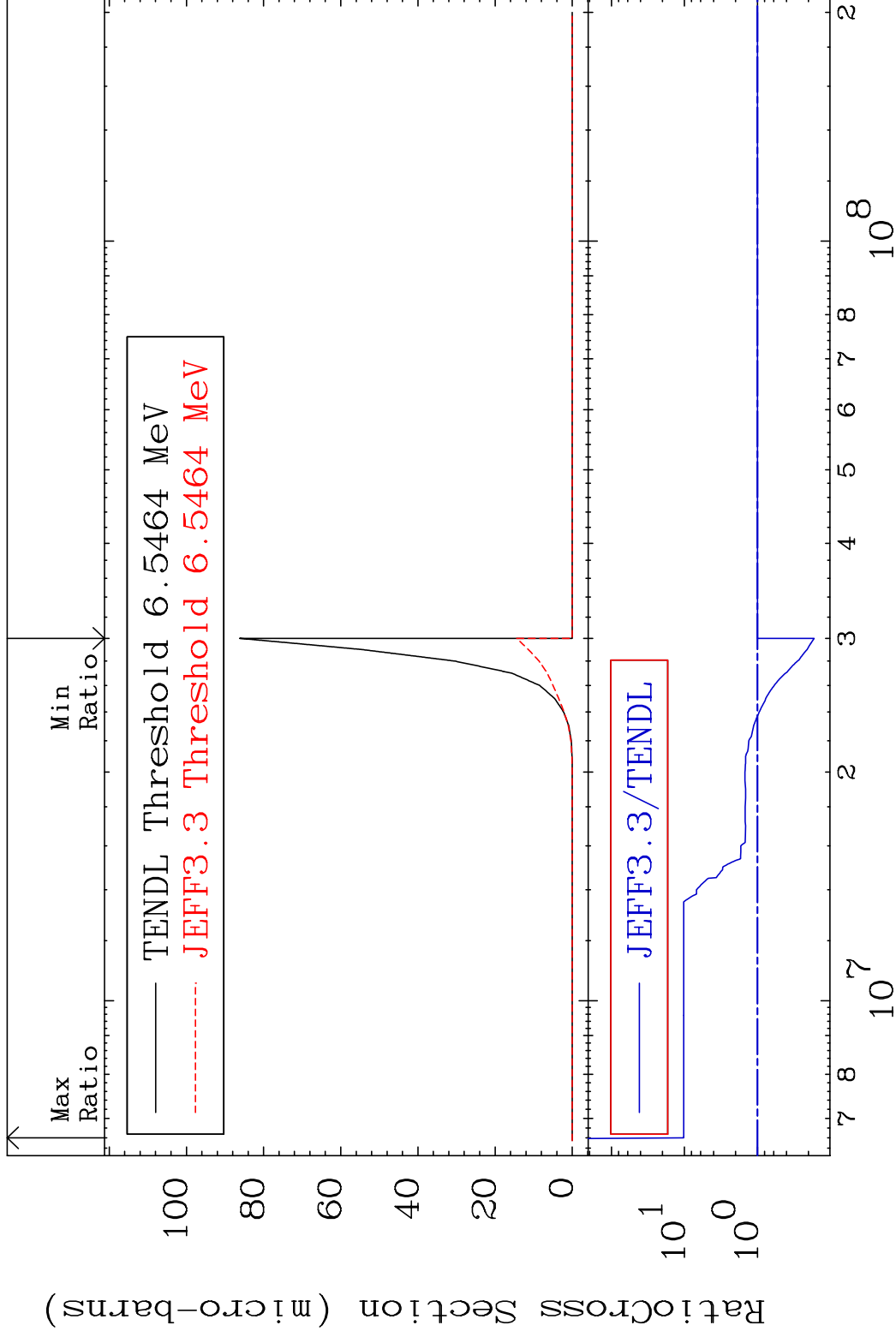
32-Ge-74

MAT 3237

(n,2α)

32-Ge-74

Cross Section -83.26 To 926.2 %

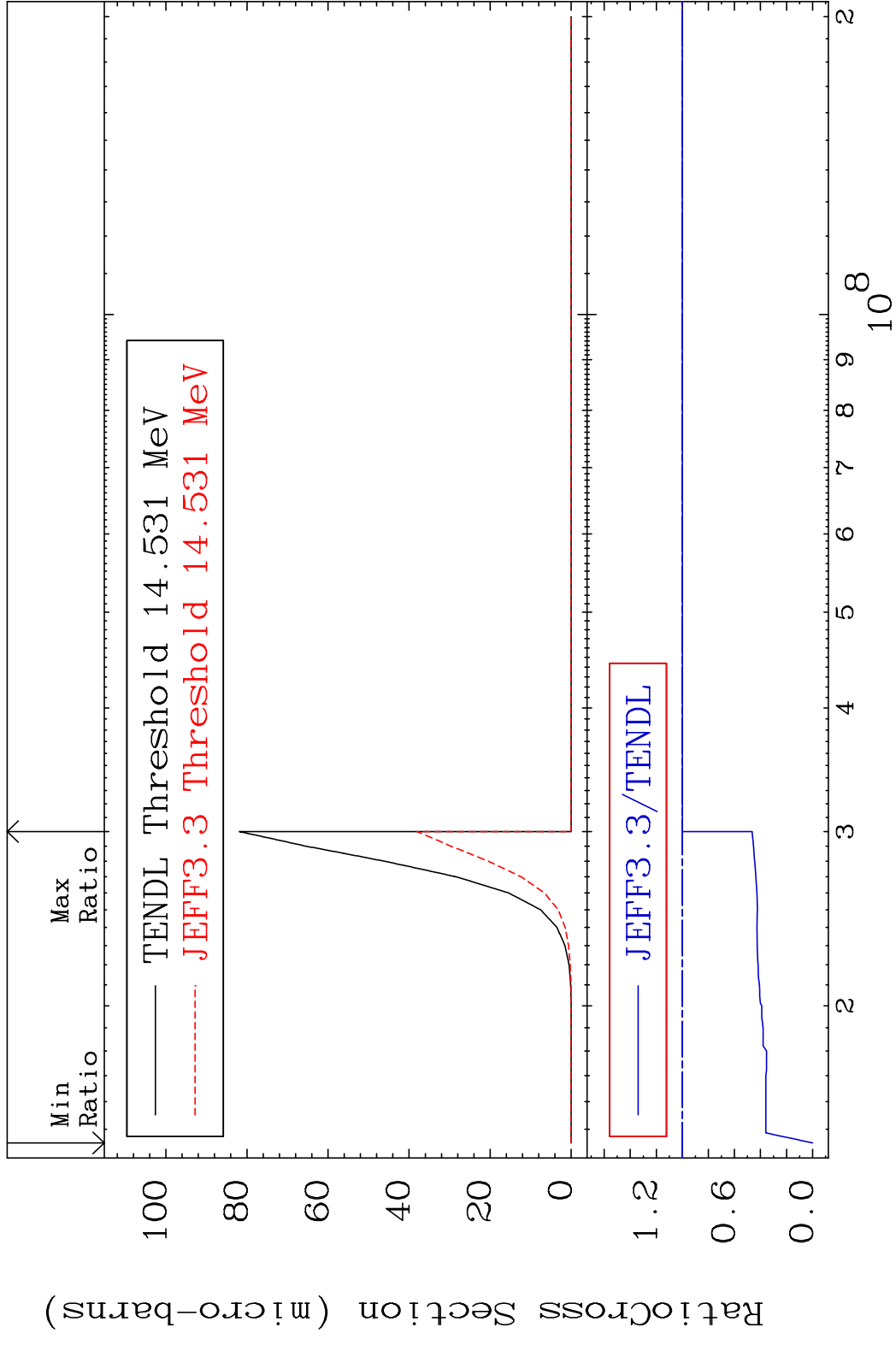


57

Incident Energy (eV)

32-Ge-74

MAT 3237 (n,2p) 32-Ge-74  
 Cross Section -100.0 To 0.000 %

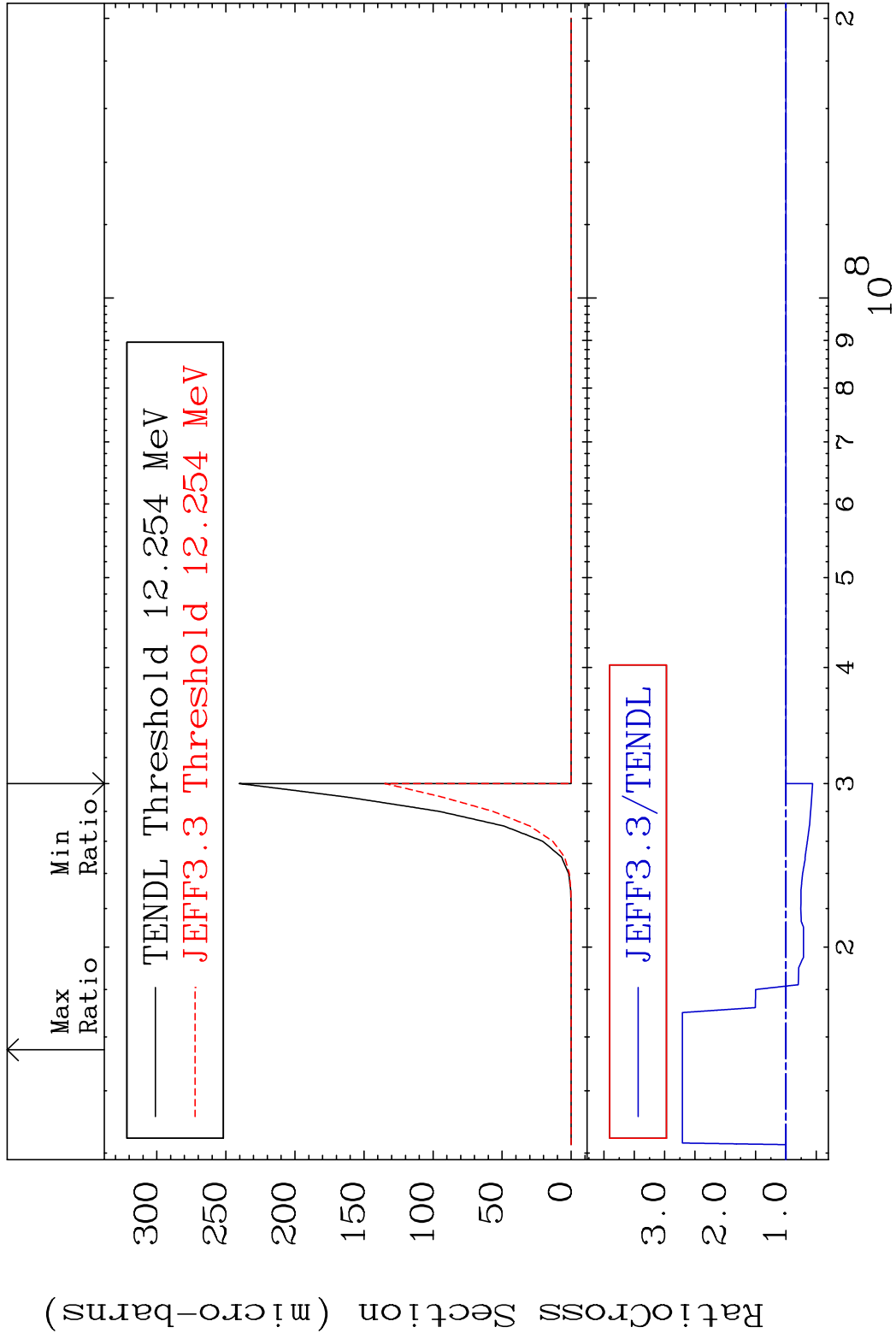


MAT 3237

(n,p)  $\alpha$

32-Ge-74

Cross Section -43.85 To 170.8 %



59

Incident Energy (eV)

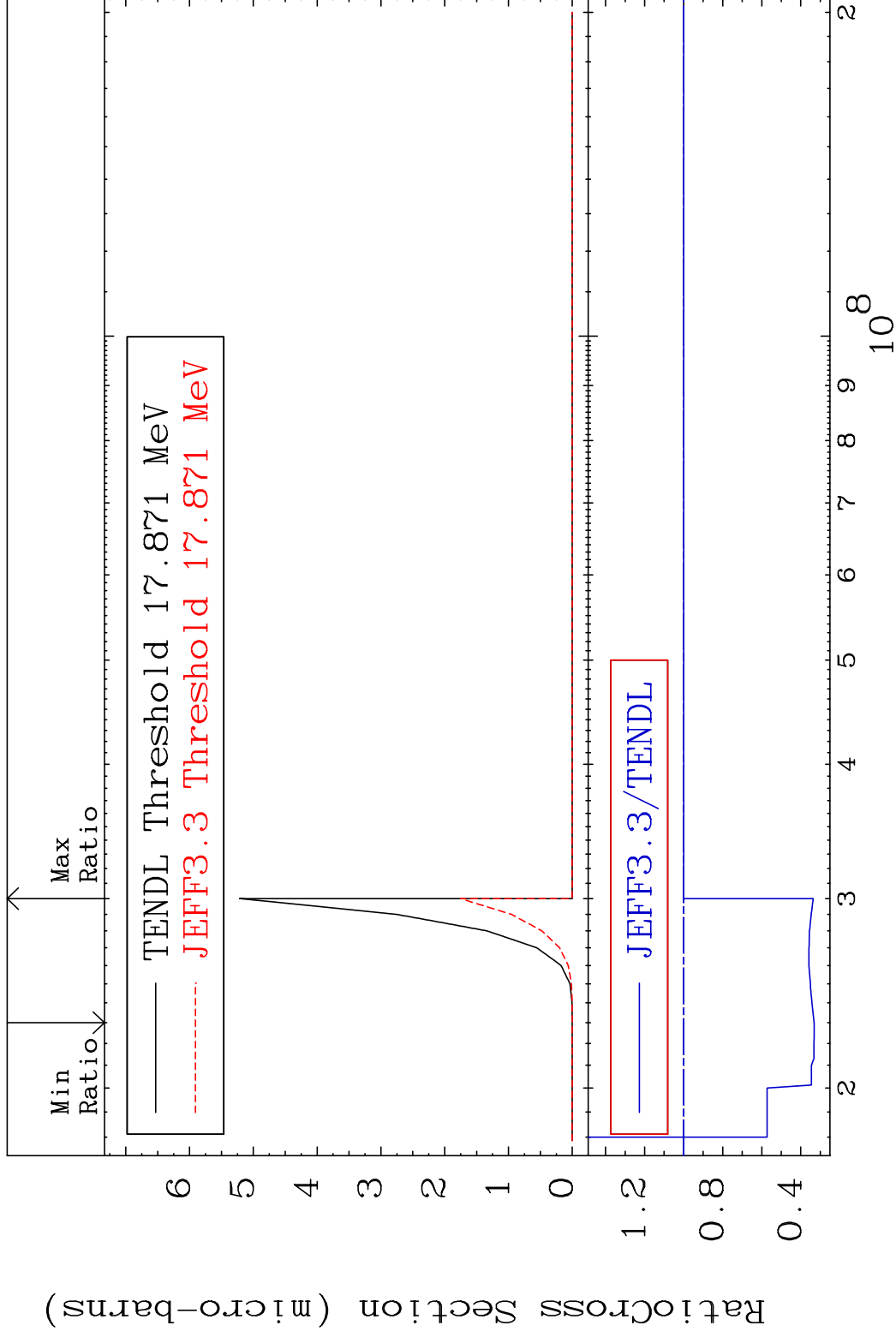
32-Ge-74

MAT 3237

(n,p) d

<sup>32</sup>Ge-74

Cross Section -66.82 To 0.000 %



60

Incident Energy (eV)

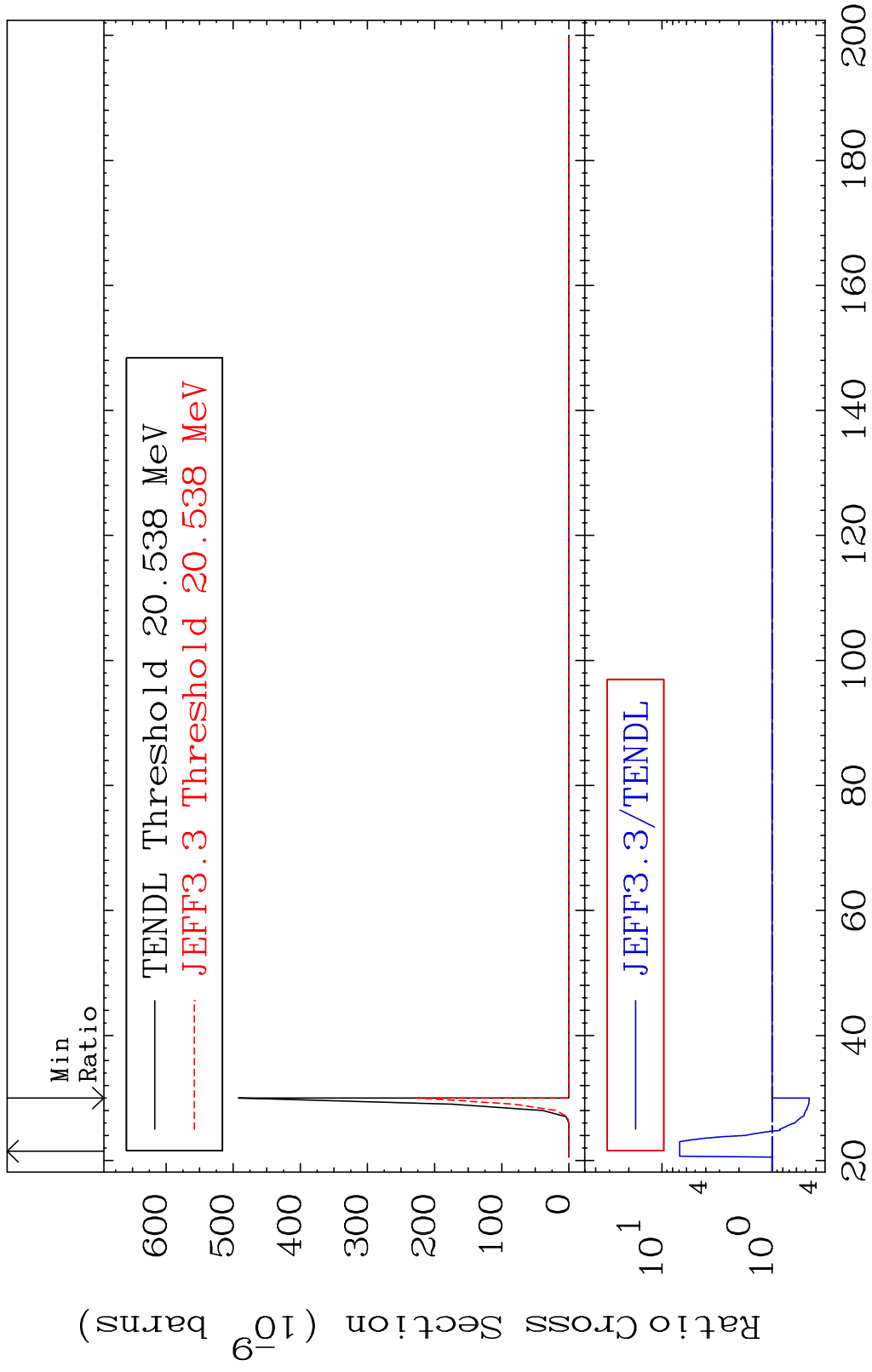
<sup>32</sup>Ge-74

MAT 3237

(n,p) t

32-Ge-74

Cross Section -54.13 To 591.0 %

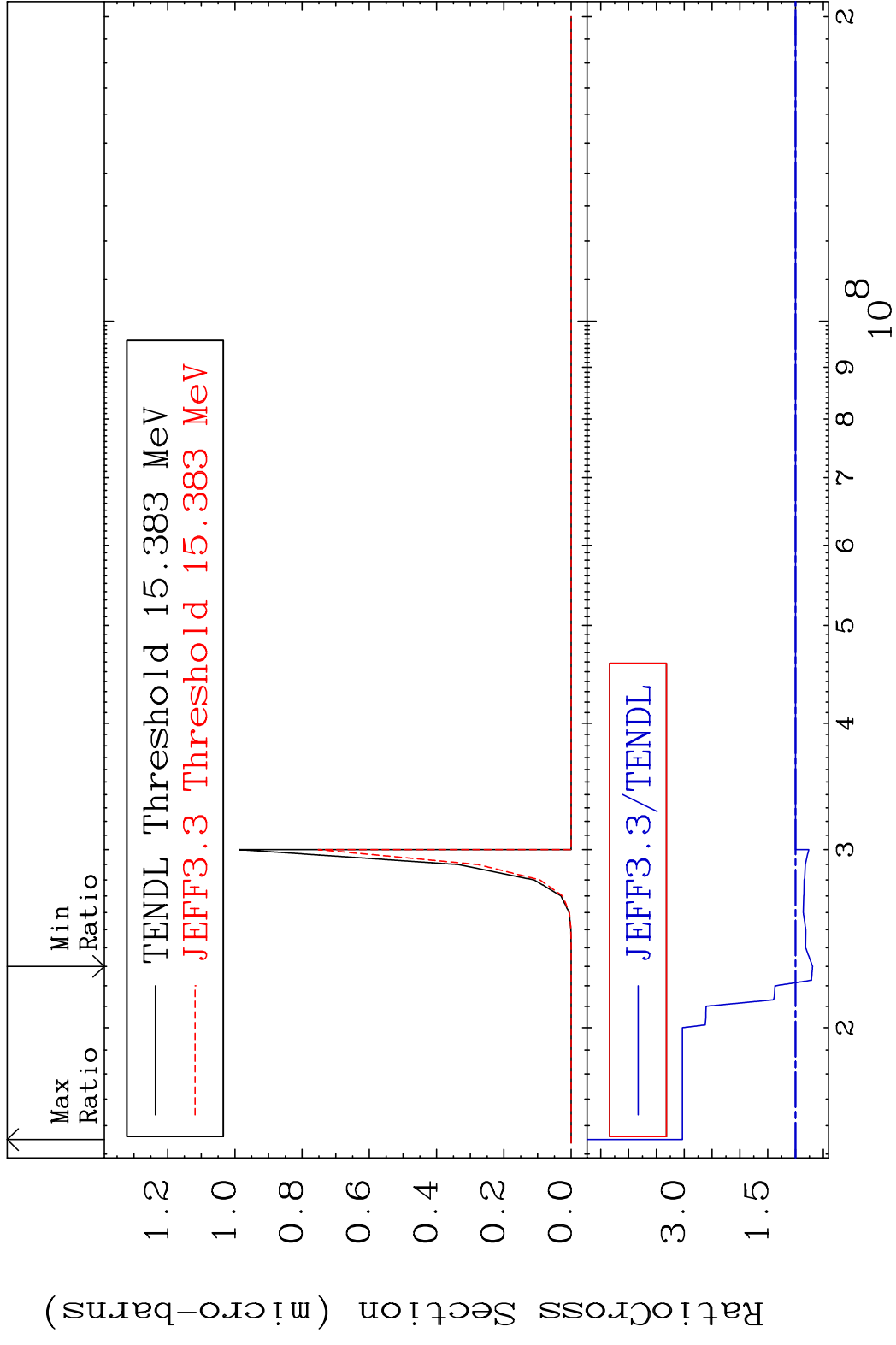


61

Incident Energy (MeV)

32-Ge-74

MAT 3237 (n,d)  $\alpha$  32-Ge-74  
 Cross Section -30.77 To 203.3 %

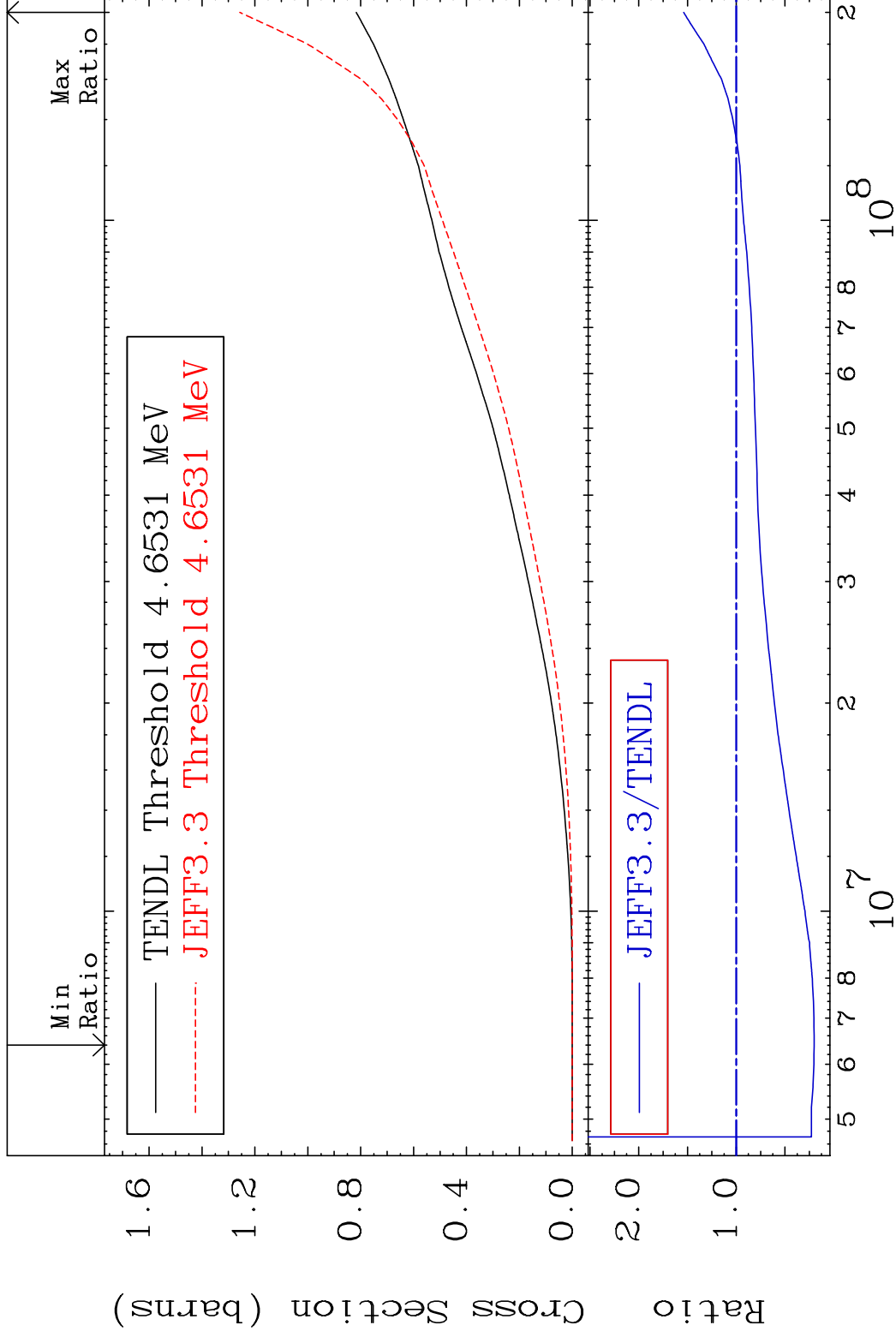


MAT 3237

Hydrogen Production

32-Ge-74

Cross Section -79.92 To 53.94 %



63

Incident Energy (eV)

32-Ge-74

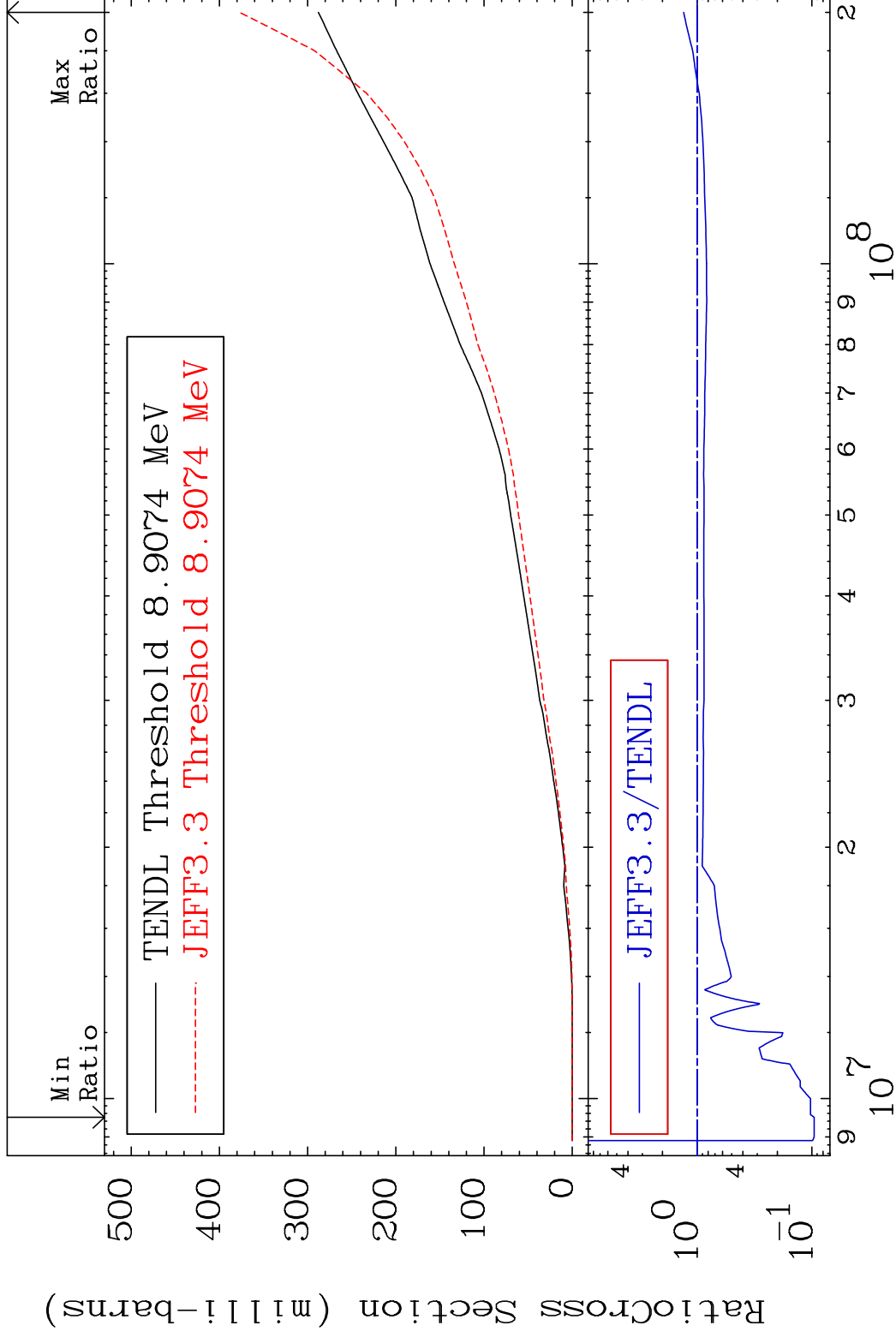


MAT 3237

Deuterium Production

32-Ge-74

Cross Section -90.42 To 30.98 %



64

Incident Energy (eV)

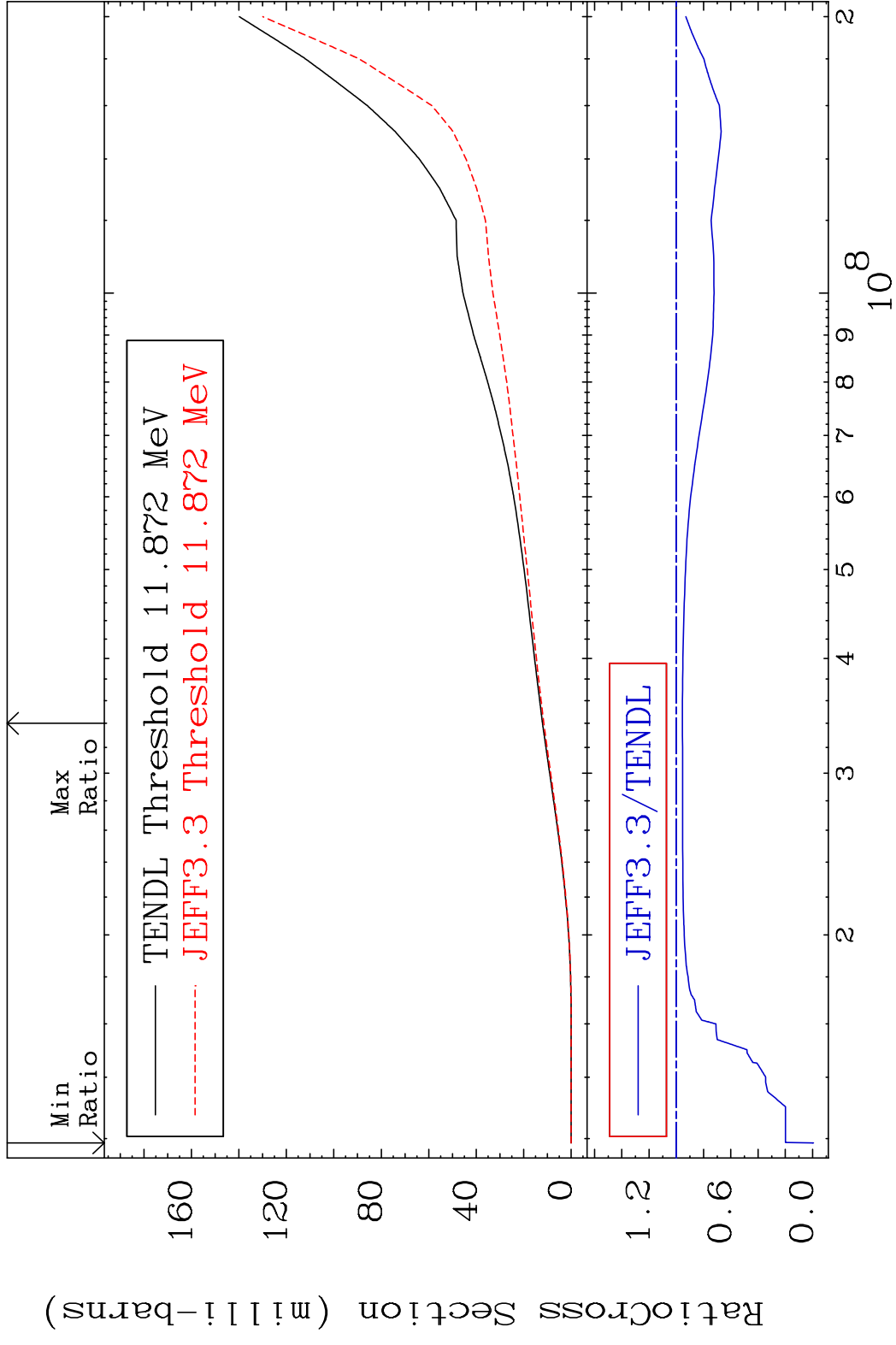
32-Ge-74

MAT 3237

Tritium Production

$^{32}\text{Ge-74}$

Cross Section -100.0 To -4.449%

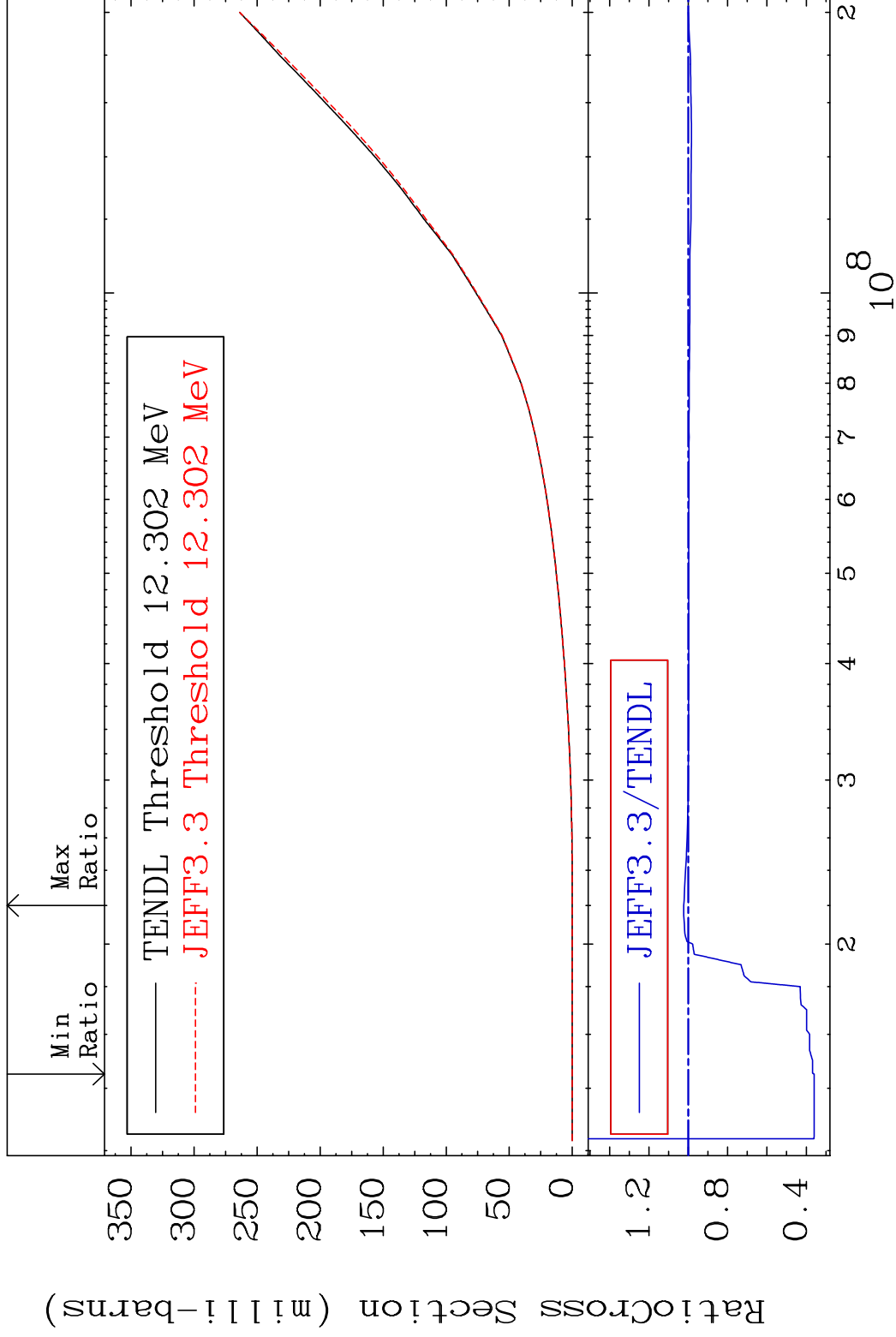


MAT 3237

He-3 Production

32-Ge-74

Cross Section -63.98 To 2.354 %



66

Incident Energy (eV)

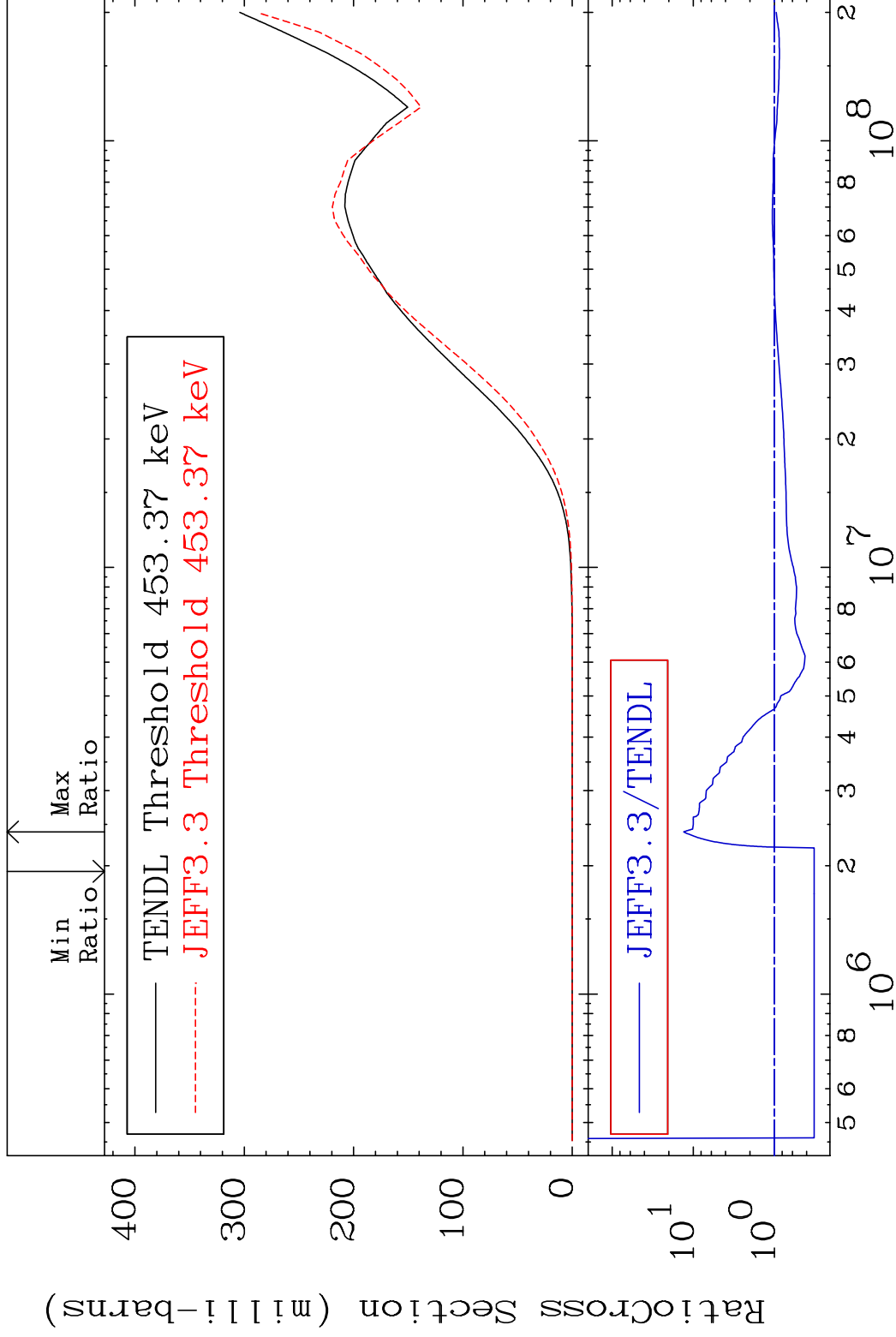
32-Ge-74

MAT 3237

He-4 Production

32-Ge-74

Cross Section -67.64 To 1212. %

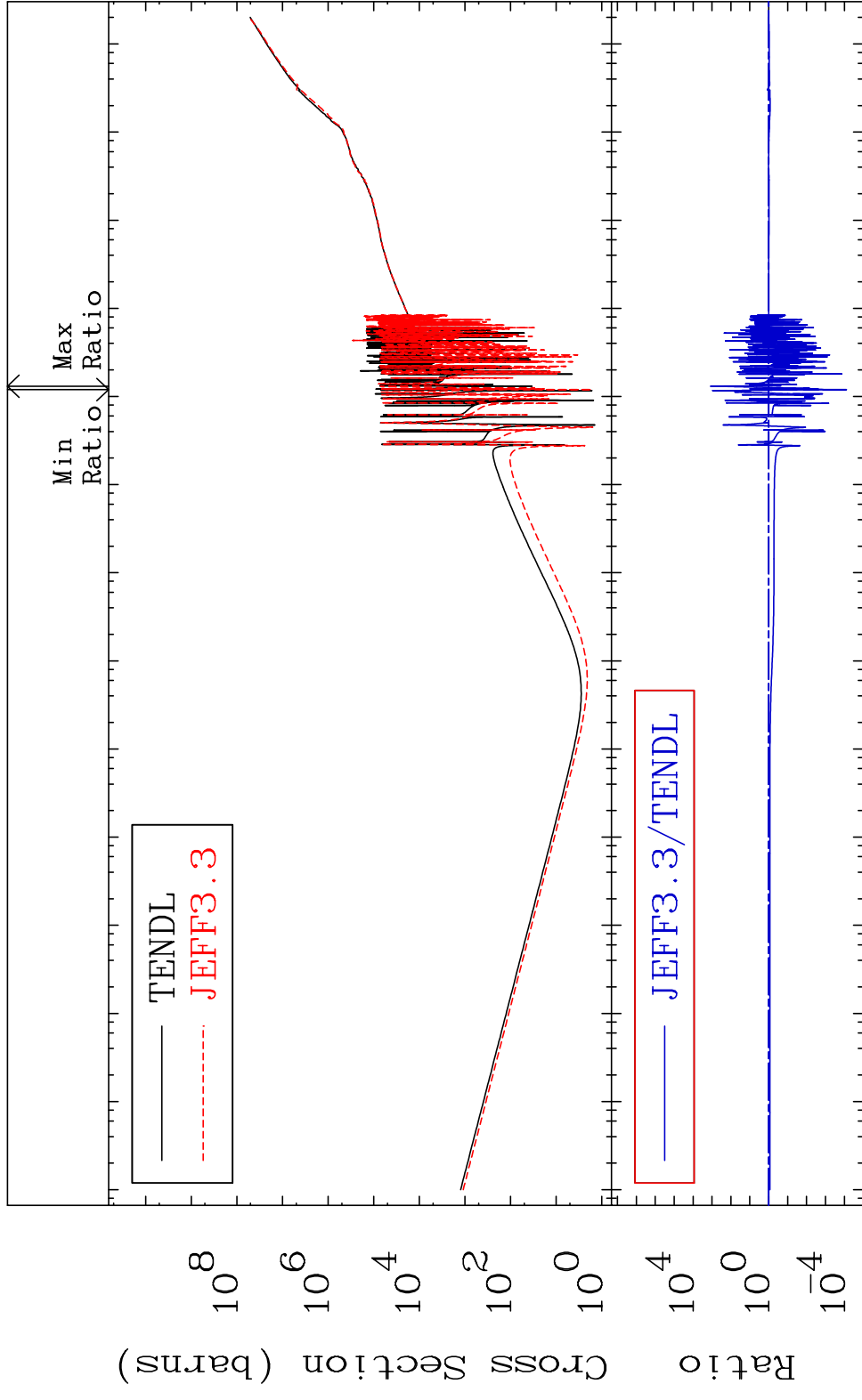


67

Incident Energy (eV)

32-Ge-74

MAT 3237 Kerma total (eV-barns) 32-Ge-74  
 Cross Section -99.99 To 9999. %



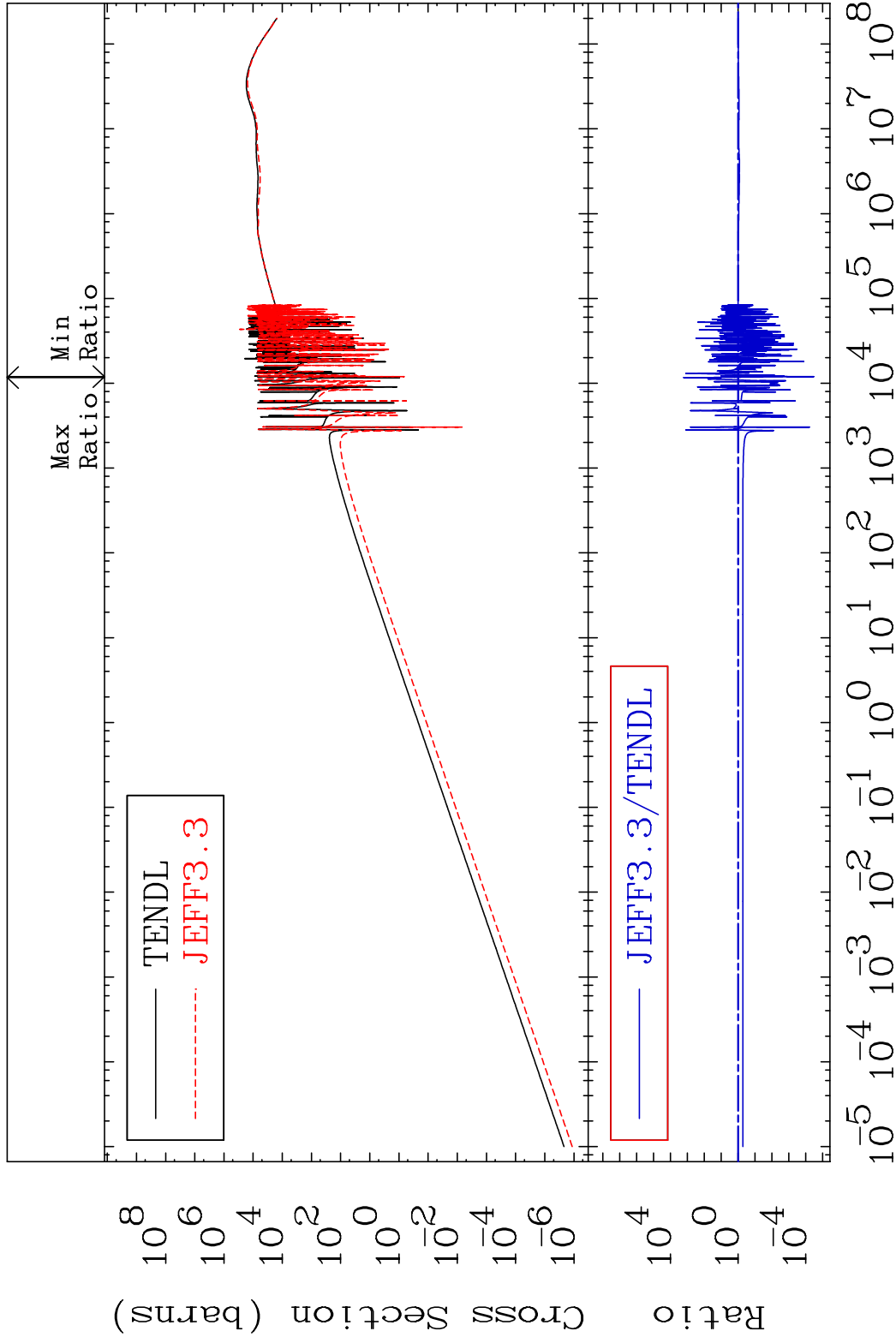
68 Incident Energy (eV) 32-Ge-74

MAT 3237

Kerma elastic

<sup>32</sup>Ge-74

Cross Section -100.0 To 9999. %

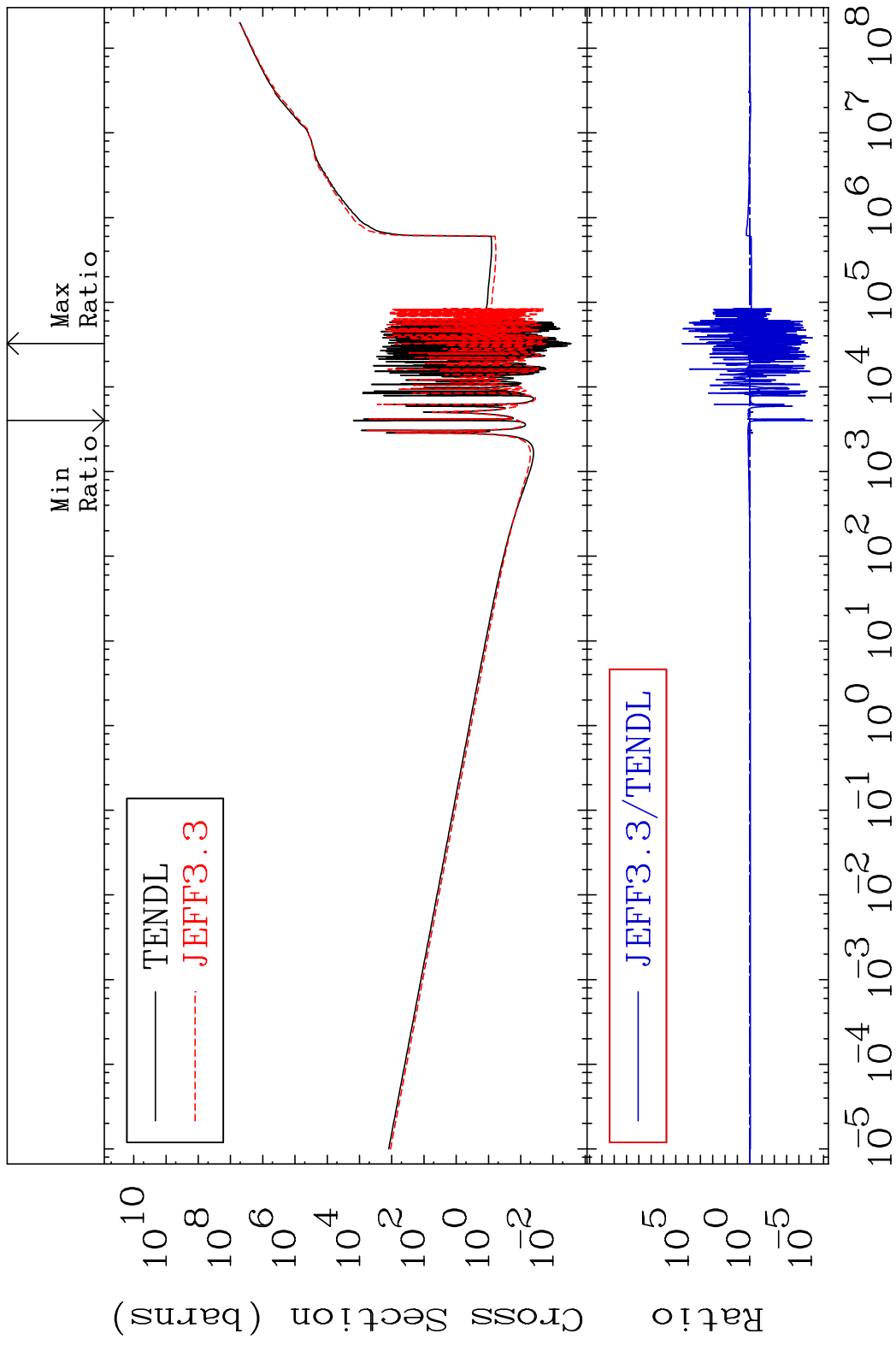


69

Incident Energy (eV)

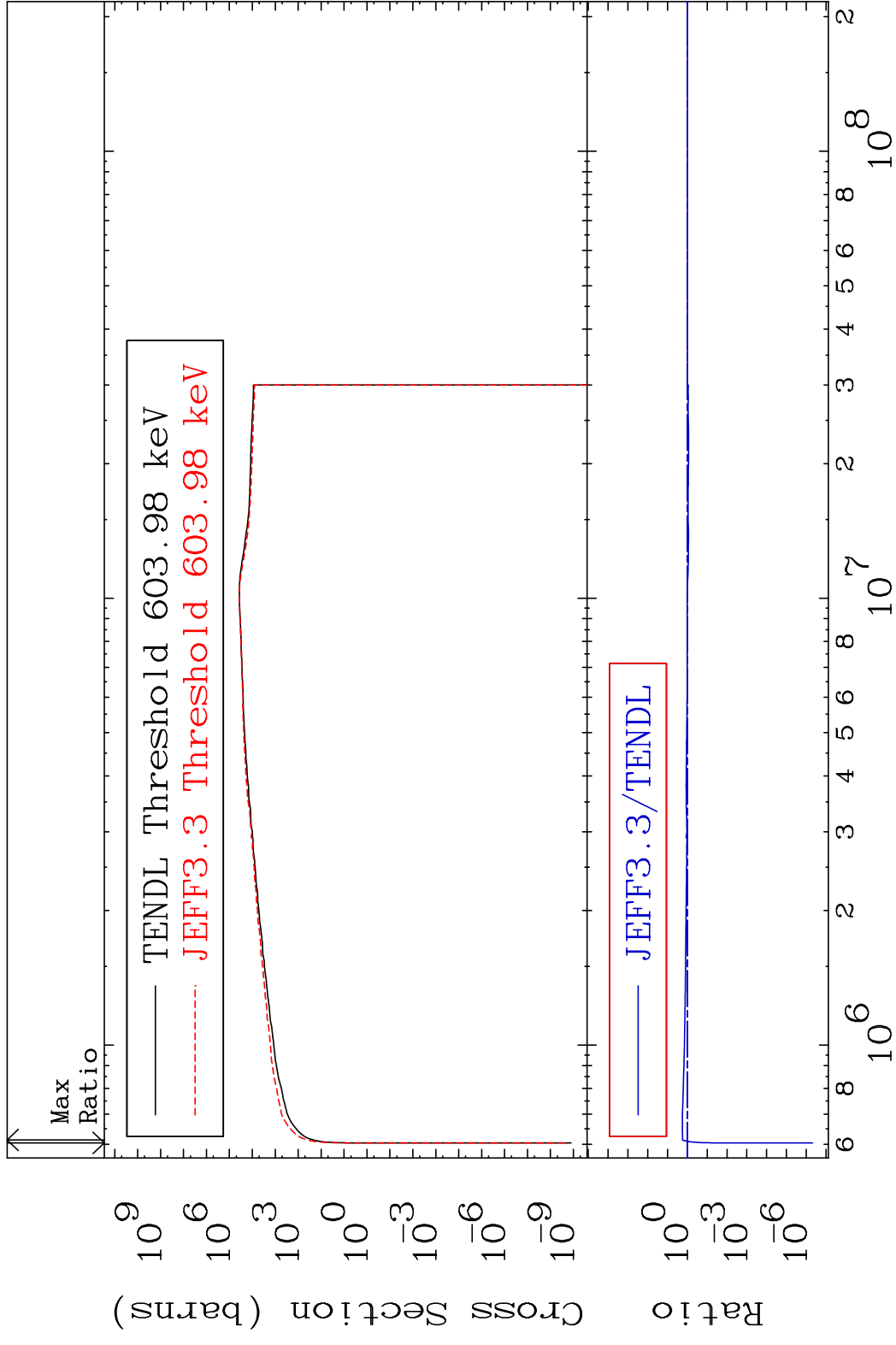
<sup>32</sup>Ge-74

MAT 3237 Kerma non-elastic (all but mt2) 32-Ge-74  
 Cross Section -100.0 To 9999. %



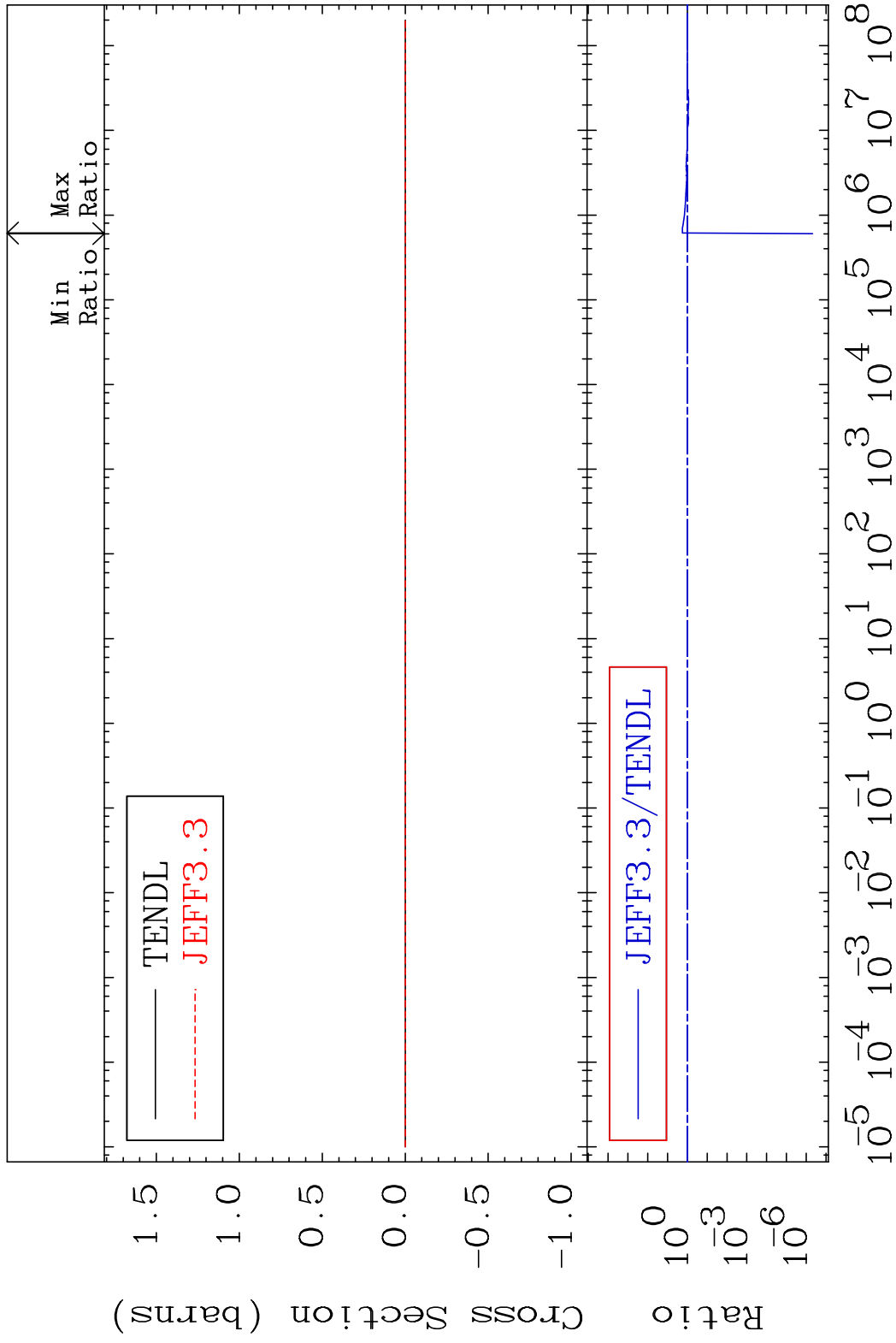
70 Incident Energy (eV) 32-Ge-74

MAT 3237 Kerma inelastic (mt51-91) 32-Ge-74  
 Cross Section -100.0 To 78.30 %





MAT 3237 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-74  
 Cross Section -100.0 To 78.30 %

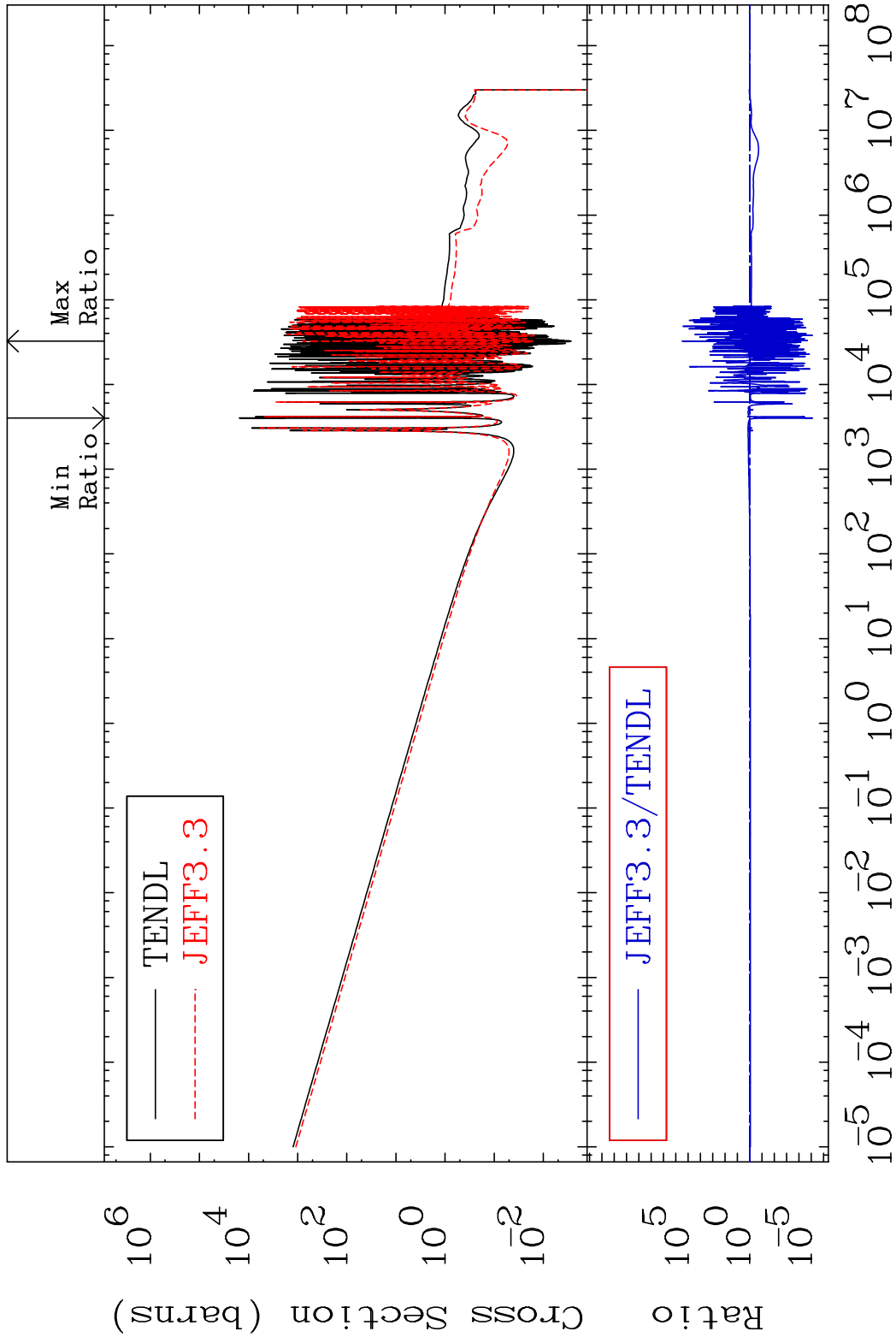


MAT 3237

Kerma capture (mt102)

32-Ge-74

Cross Section -100.0 To 9999. %



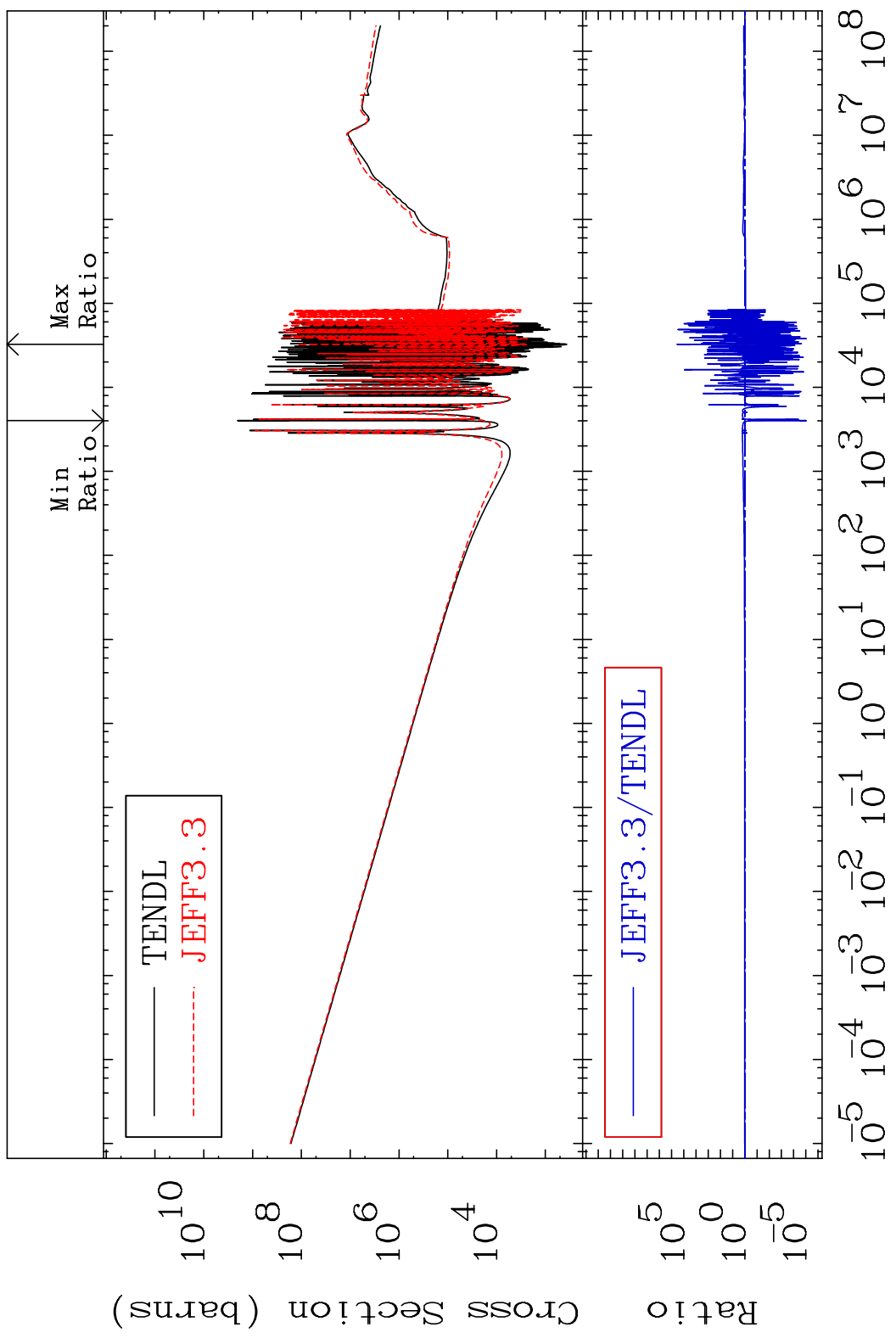
73

Incident Energy (eV)

32-Ge-74

MAT 3237

Total photon (eV-barns) 32-Ge-74  
Cross Section -100.0 To 9999. %

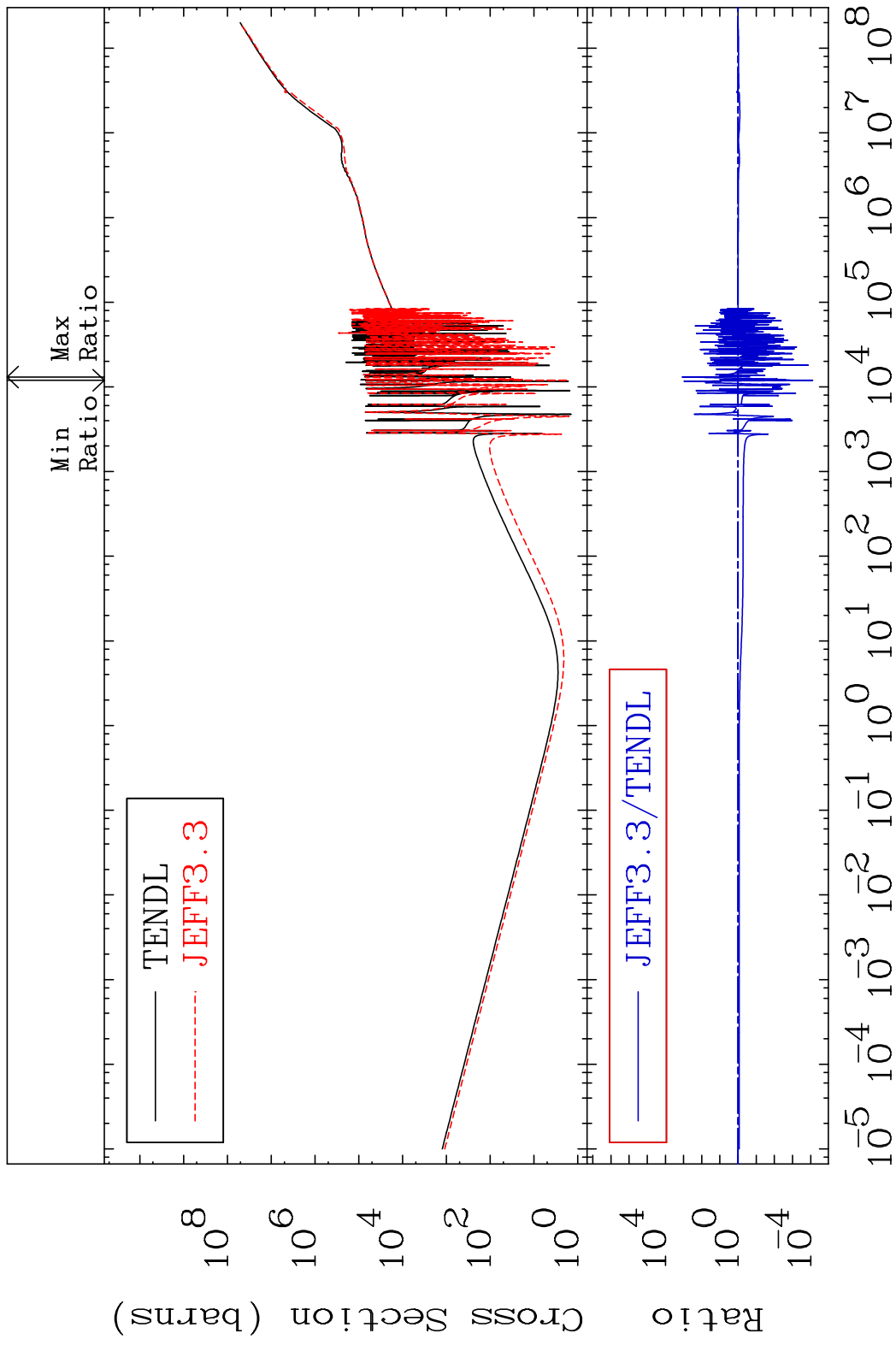


74

Incident Energy (eV)

32-Ge-74

MAT 3237 Total kinematic kerma (high limit) 32-Ge-74  
 Cross Section -99.99 To 9999. %

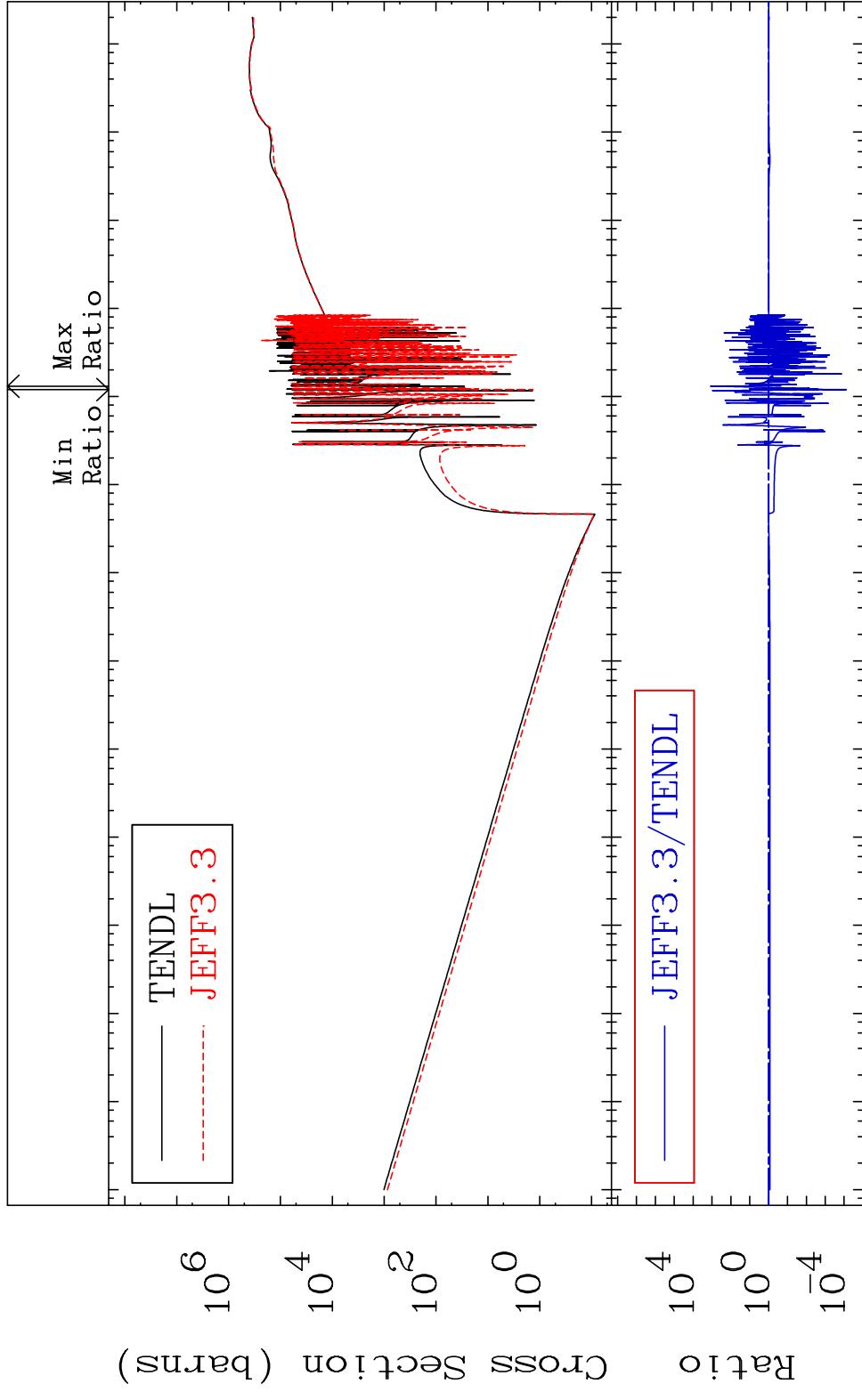


MAT 3237

Dpa total (eV-barns)

32-Ge-74

Cross Section -99.99 To 9999. %



76

Incident Energy (eV)

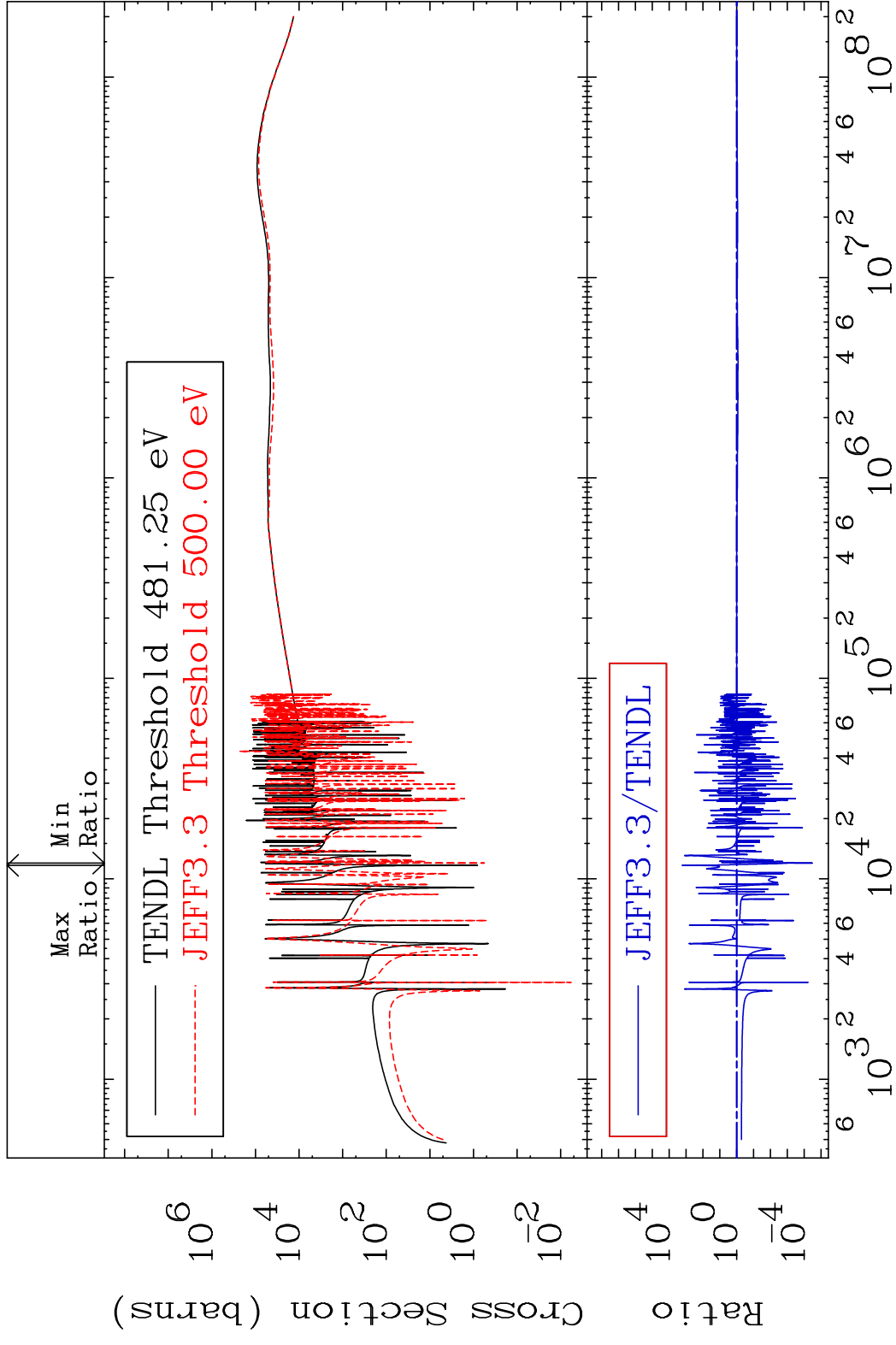
32-Ge-74

MAT 3237

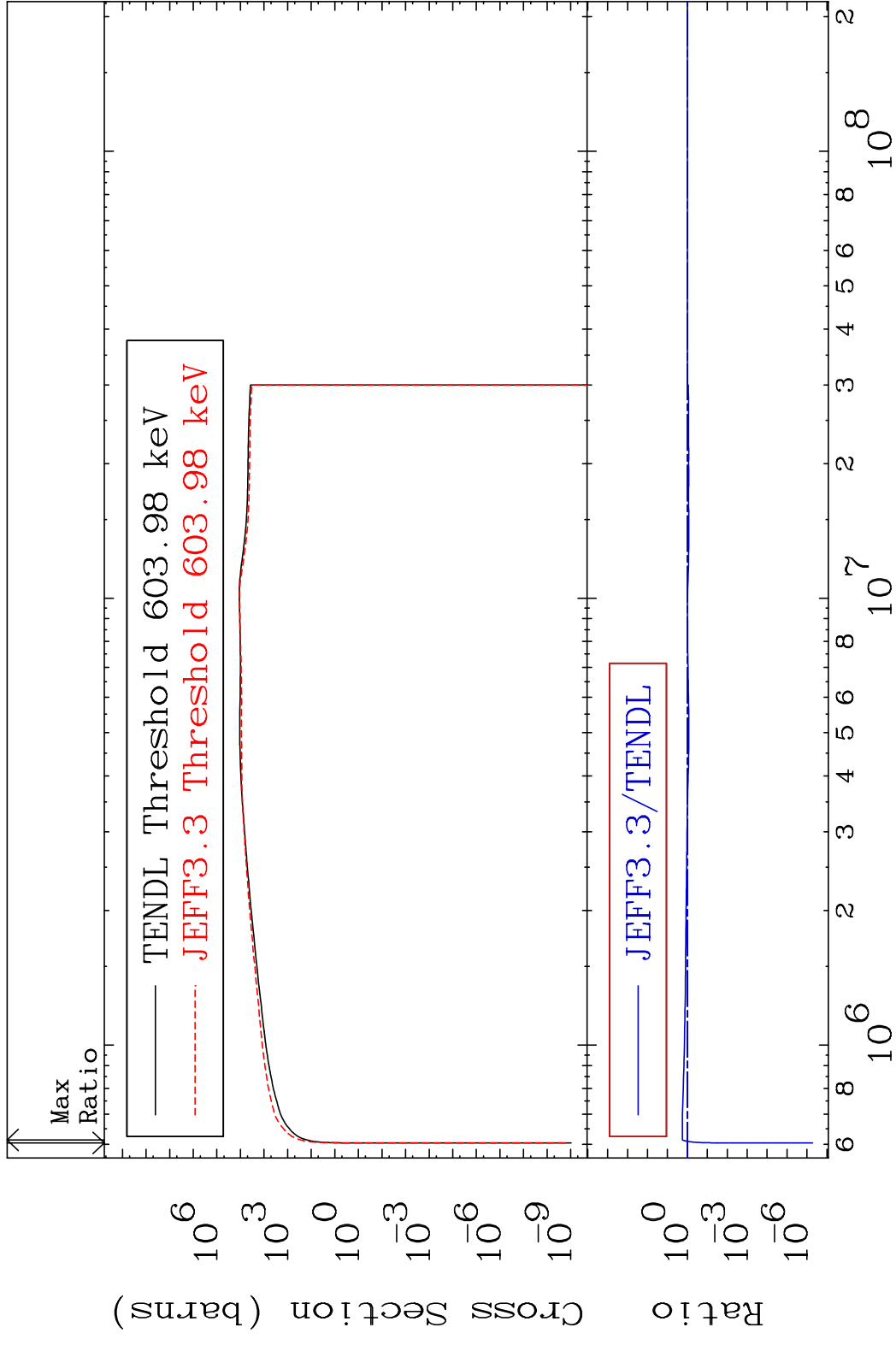
Dpa elastic (mt2)

32-Ge-74

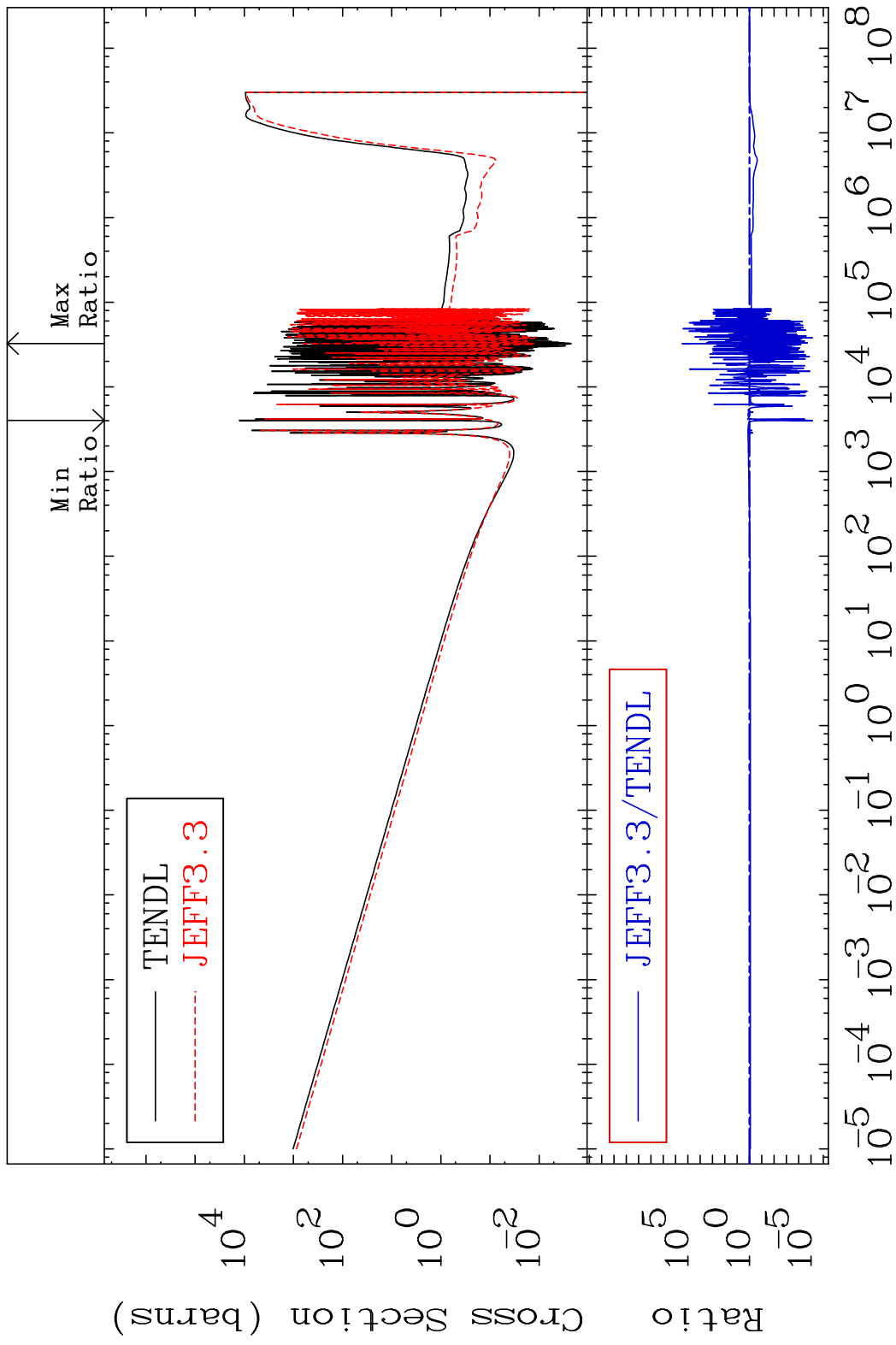
Cross Section -100.0 To 9999. %



MAT 3237      Dpa inelastic (mt51-91)      32-Ge-74  
 Cross Section      -100.0 To 78.31 %

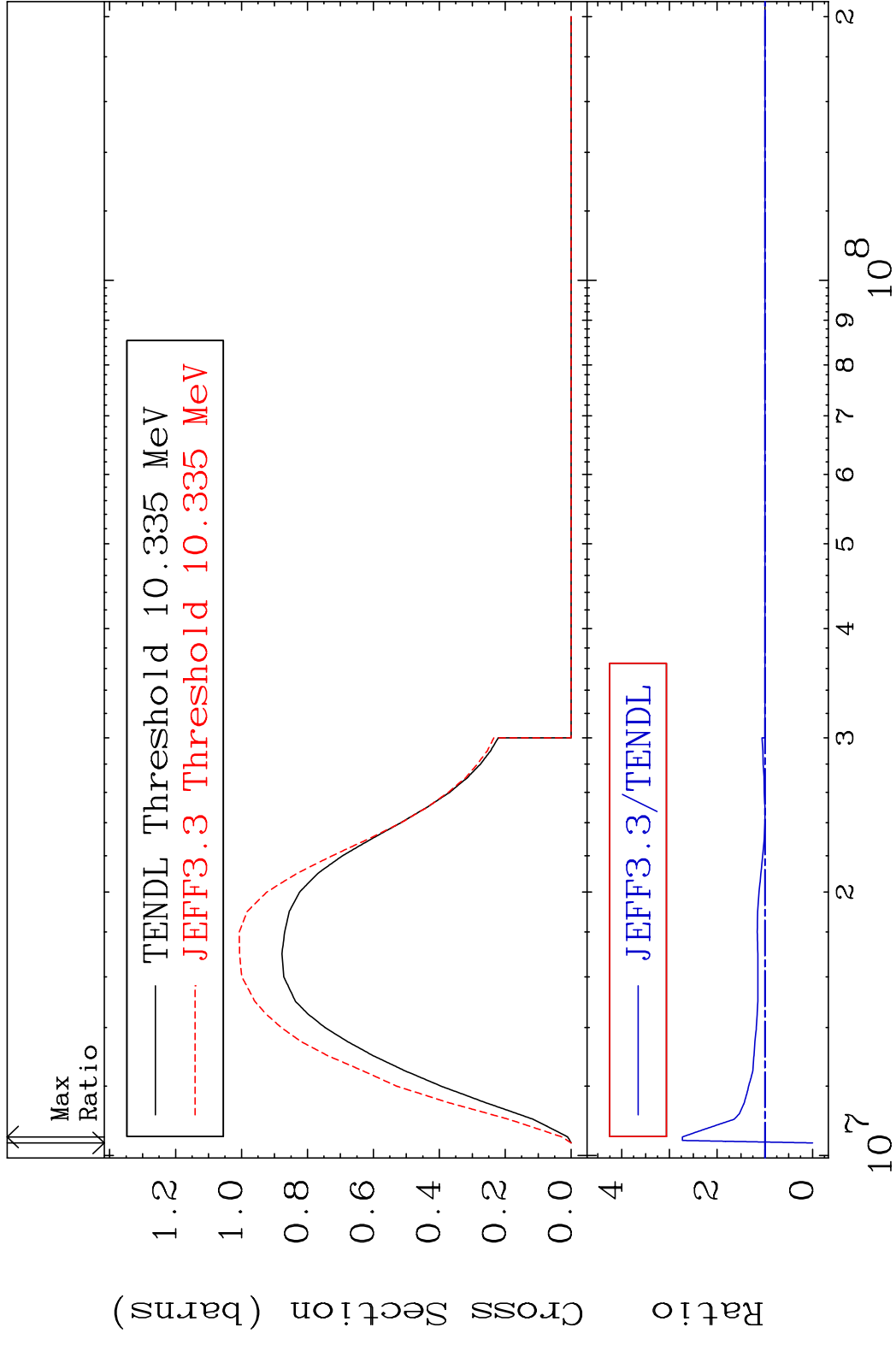


MAT 3237 Dpa disappearance (mt102 -120) 32-Ge-74  
 Cross Section -100.0 To 9999. %



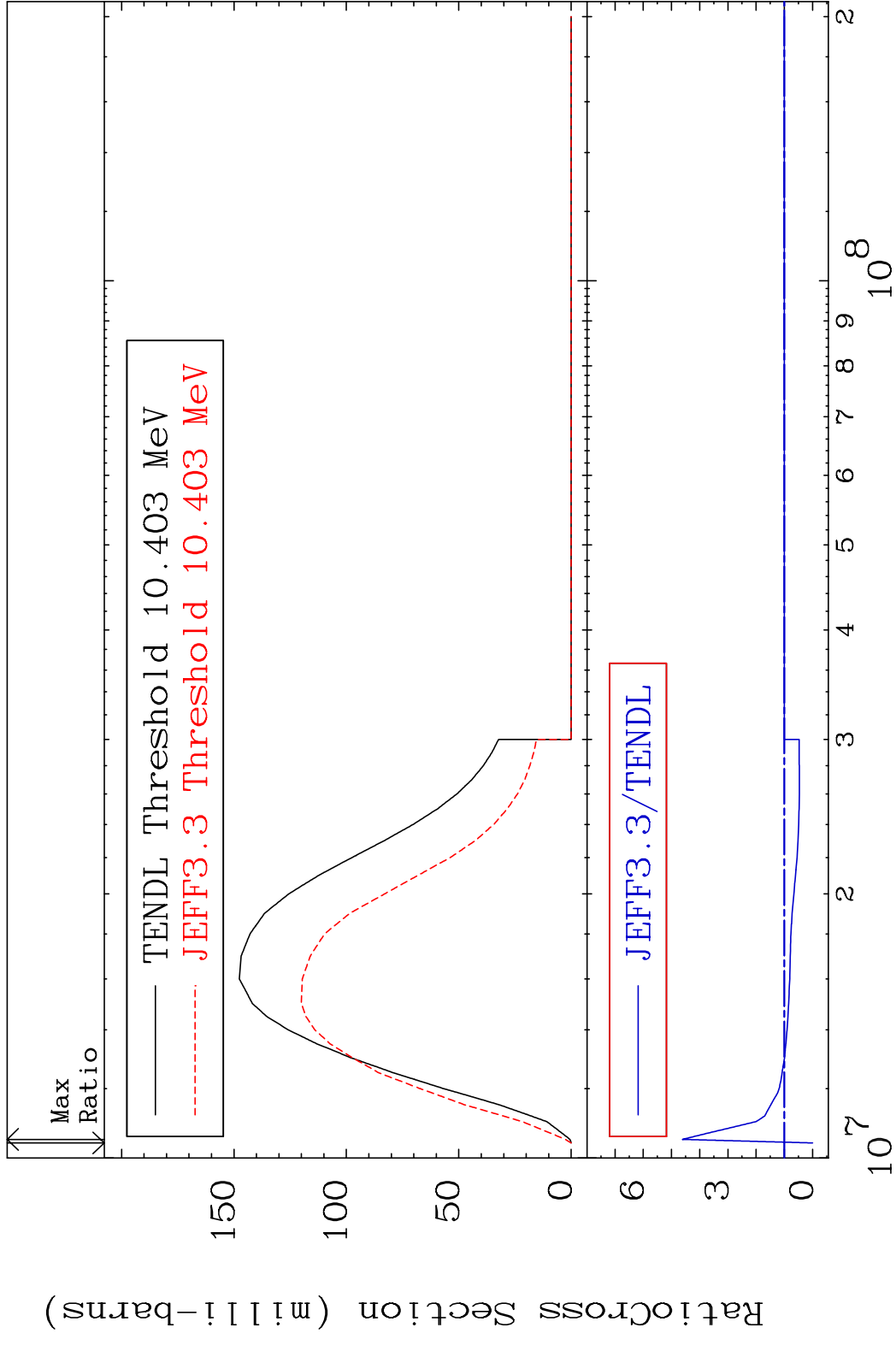


MAT 3237 (n,2n):32-Ge-73g 32-Ge-74  
 Radionuclide Production Cross Section 180.0 dth 172.9 %

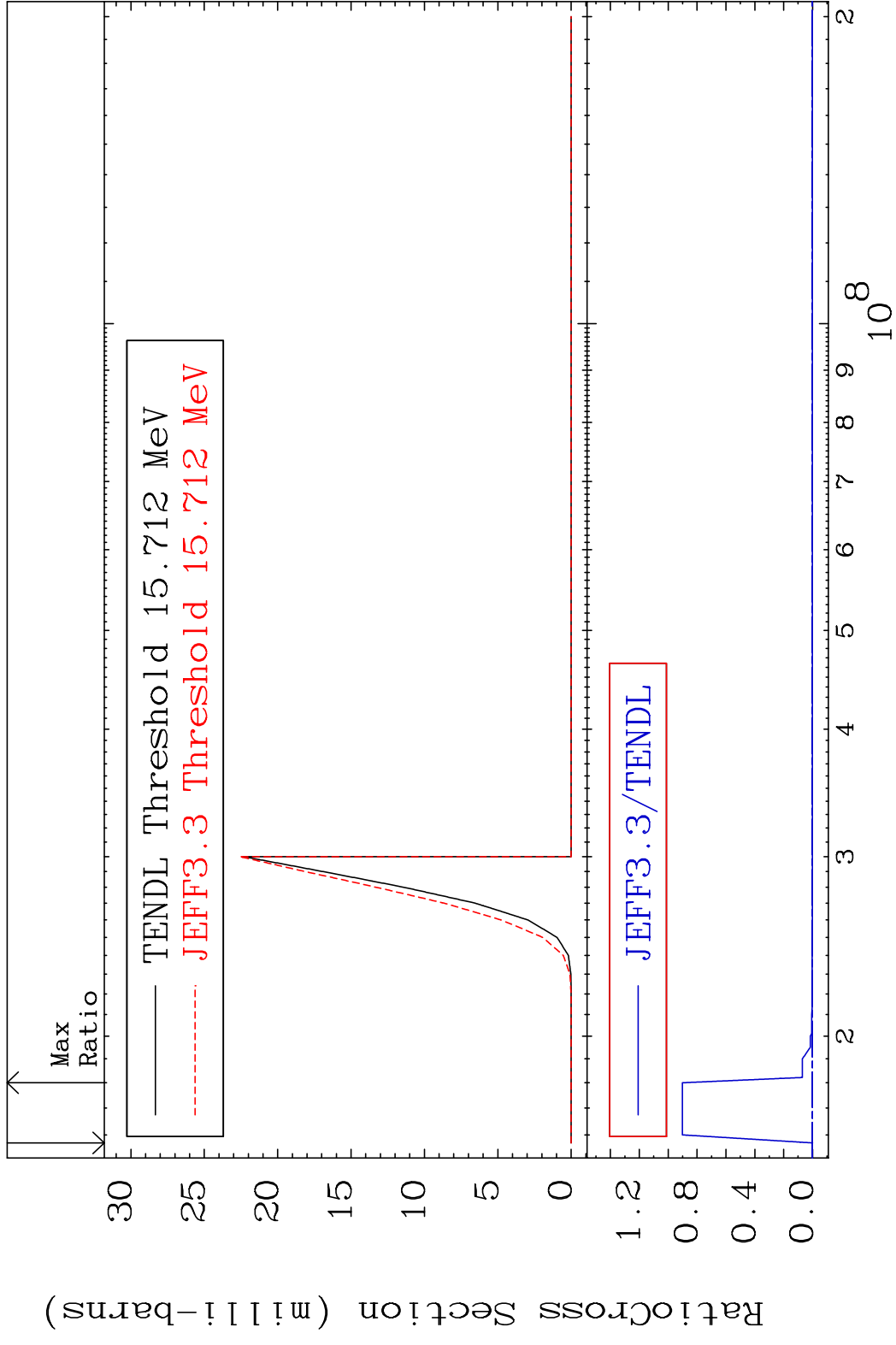


80 Incident Energy (eV) 32-Ge-74

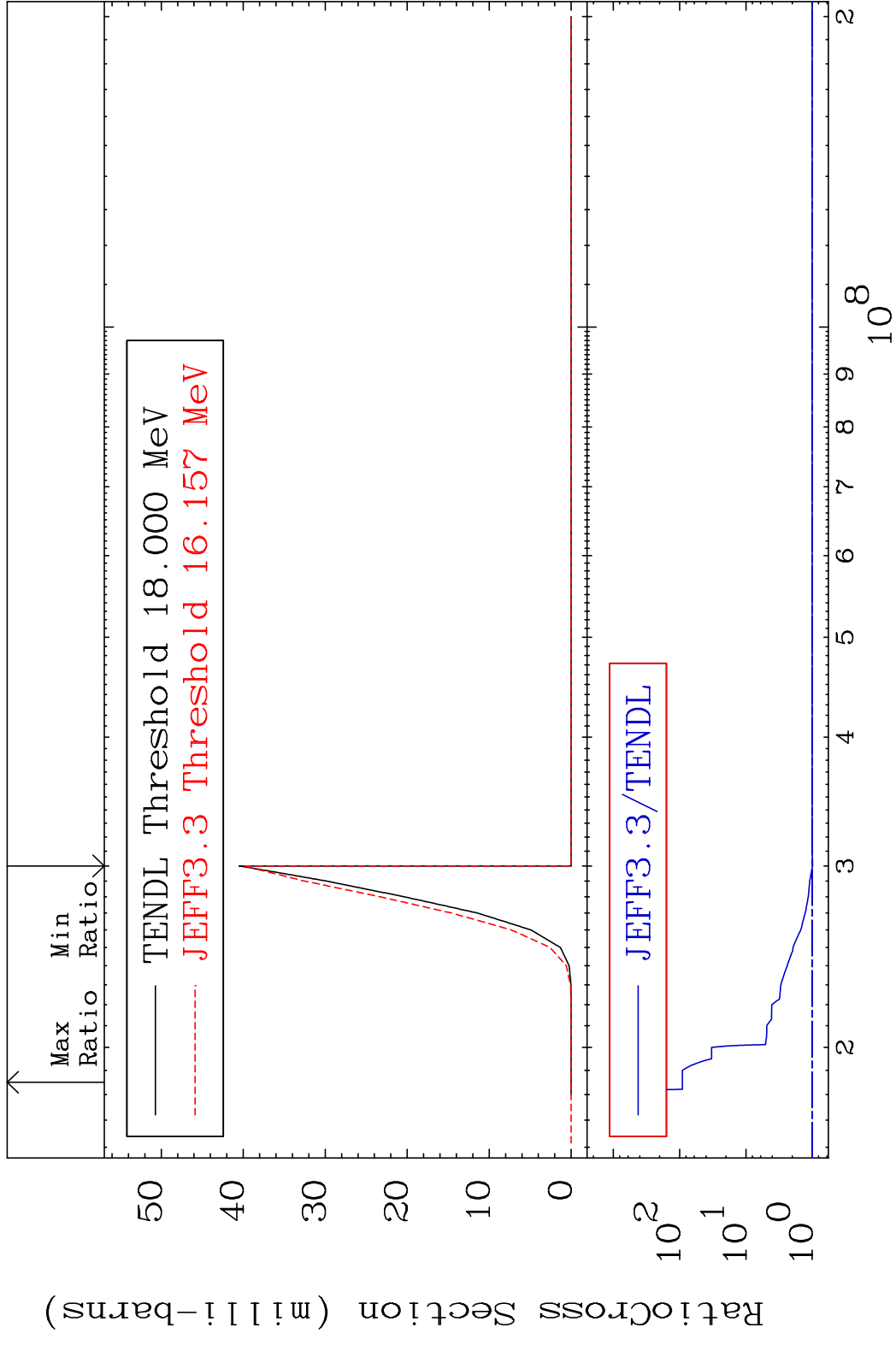
MAT 3237 (n,2n):32-Ge-73m2 32-Ge-74  
 Radionuclide Production Cross Section 180.0 dth 361.5 %



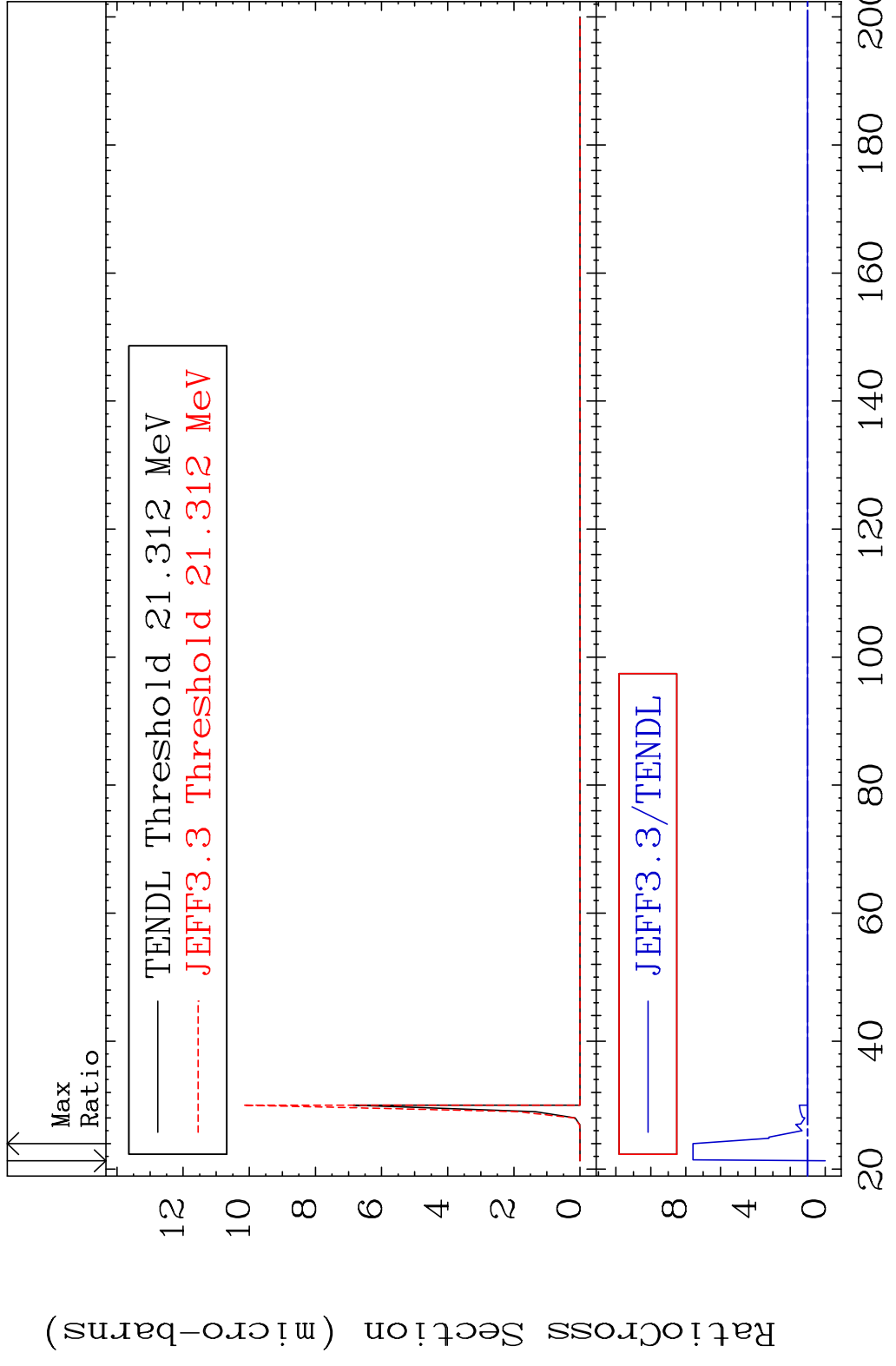
MAT 3237 (n,2n)  $\alpha$ :30-Zn-69g 32-Ge-74  
 Radionuclide Production Cross Section 100.00 % 9999. %



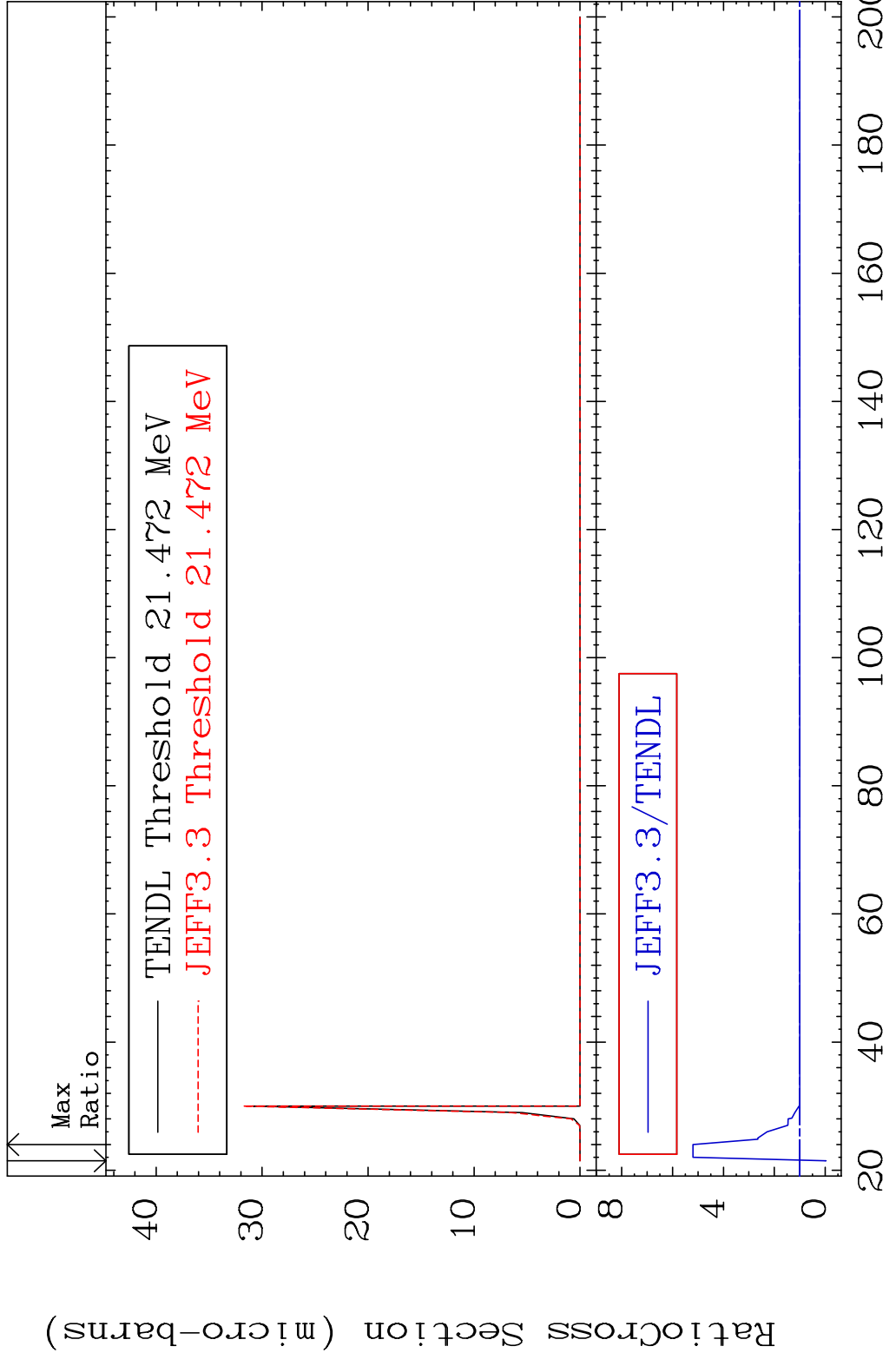
MAT 3237 (n,2n)  $\alpha$ :30-Zn-69m1 32-Ge-74  
 Radionuclide Production Cross Section 15675 dth 8999. %

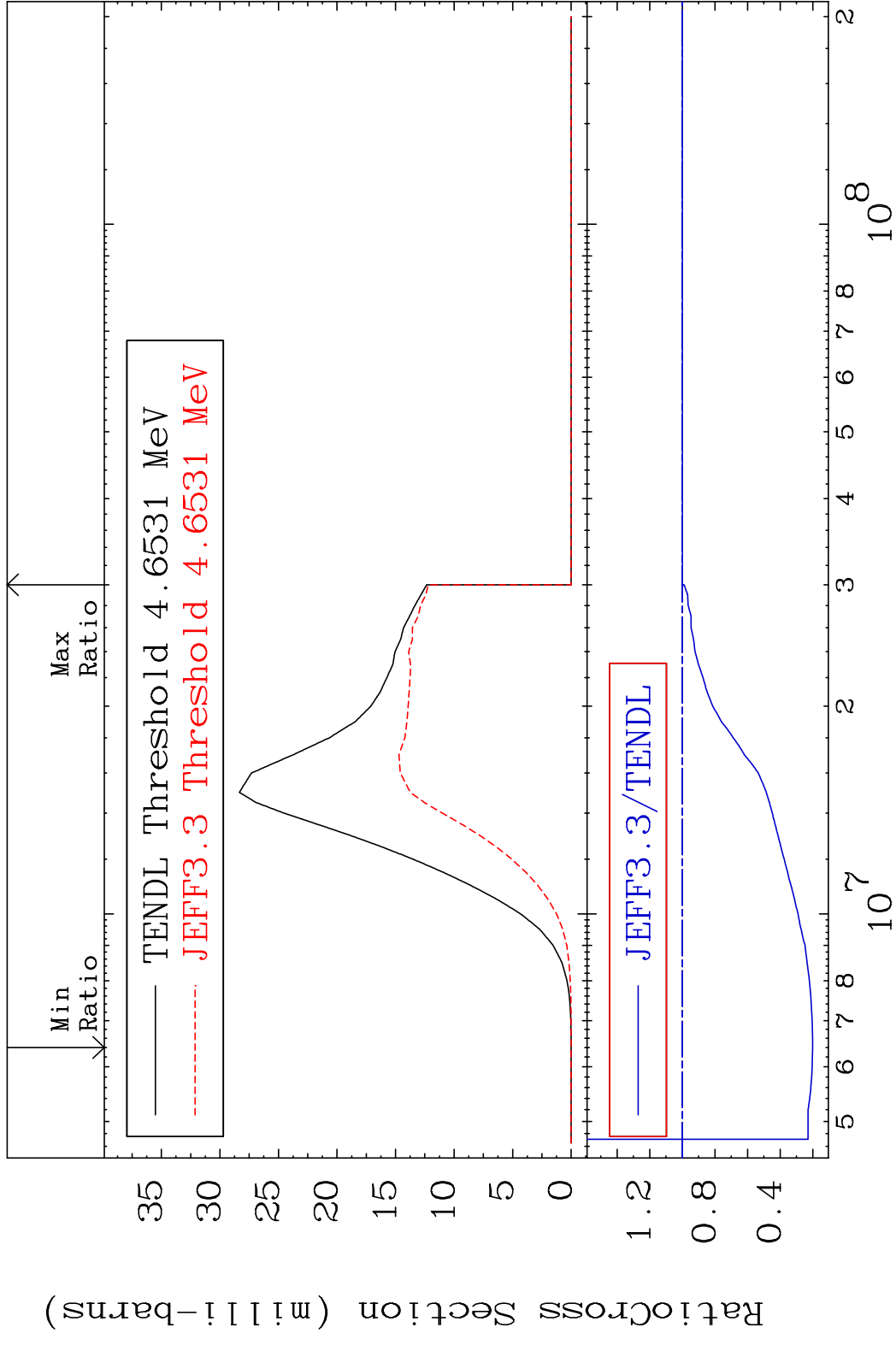


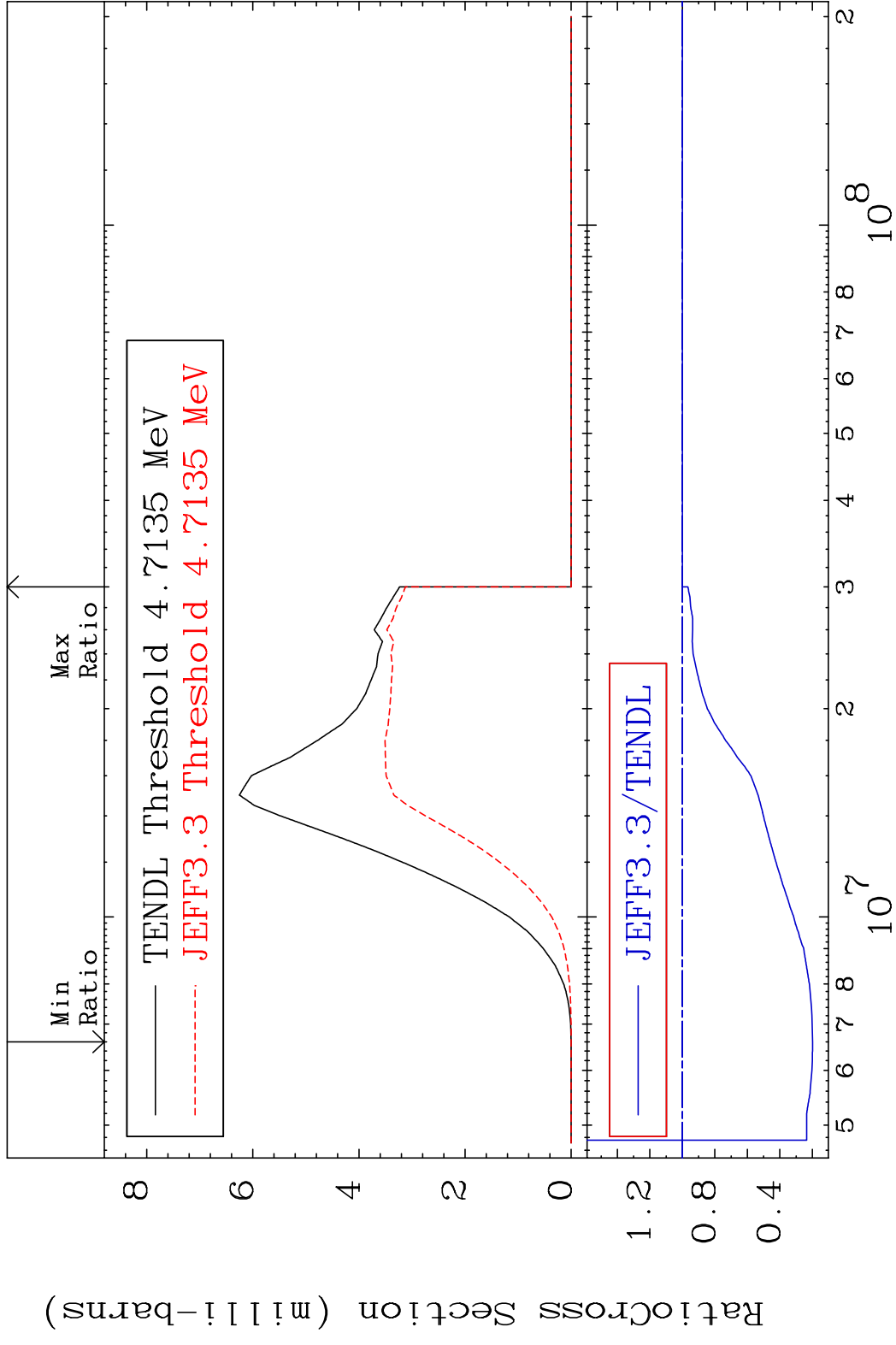
MAT 3237 (n, n') He-3:30-Zn-71g 32-Ge-74  
 Radionuclide Production Cross Section Ratio 658.4 %



MAT 3237 (n, n') He-3:30-Zn-71m1 32-Ge-74  
 Radionuclide Production Cross Section 180.0 dth 420.0 %

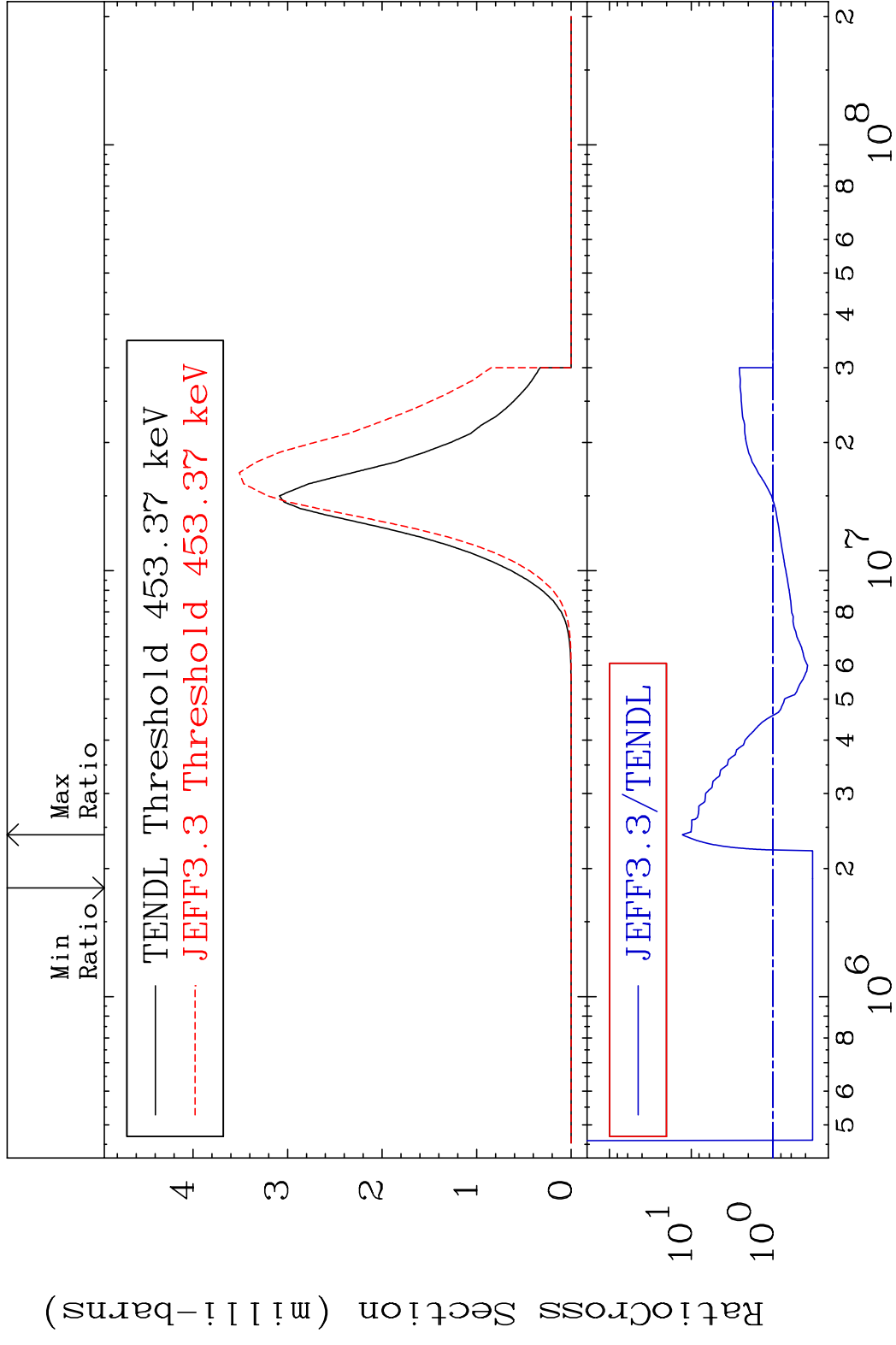


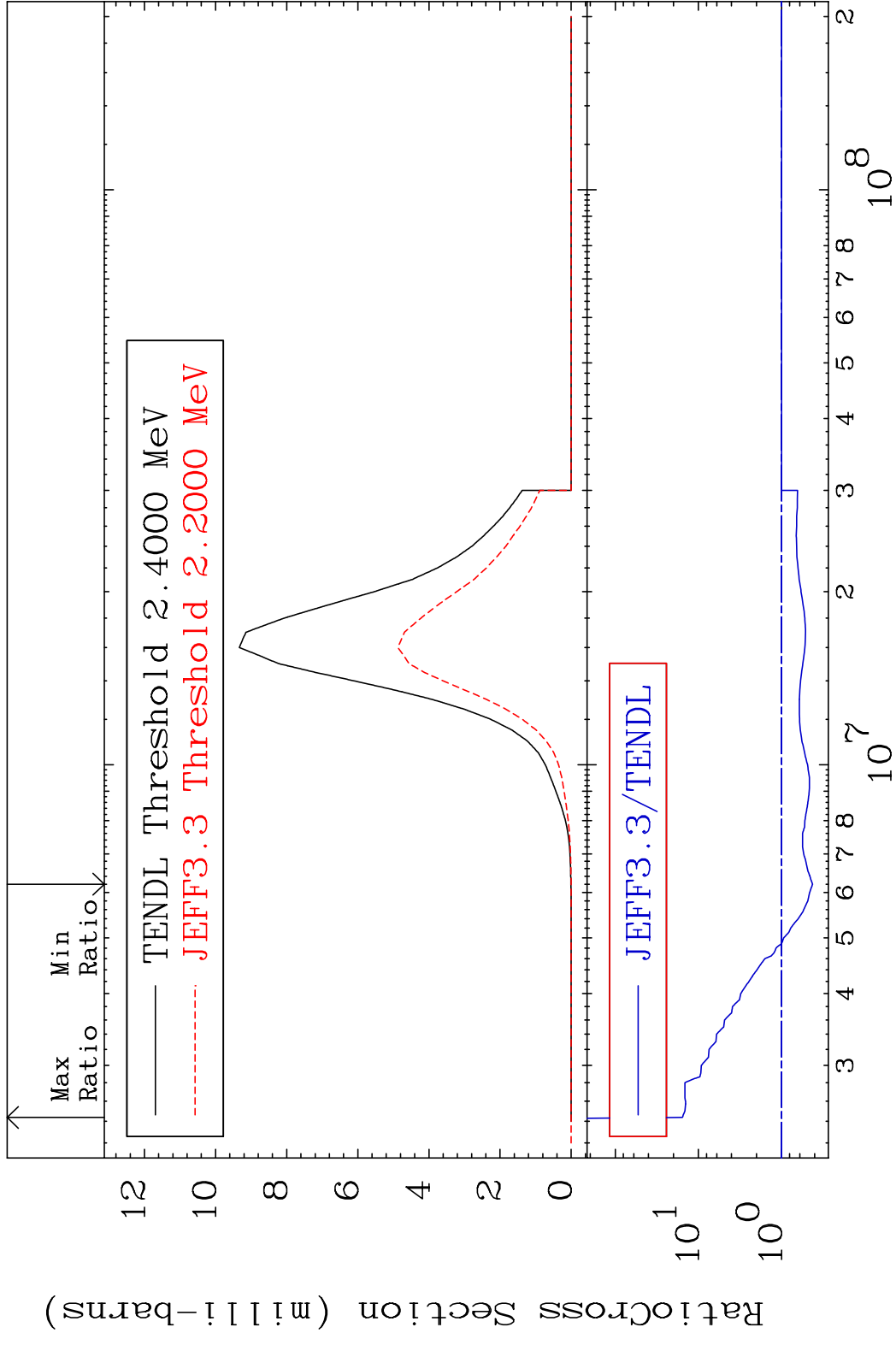




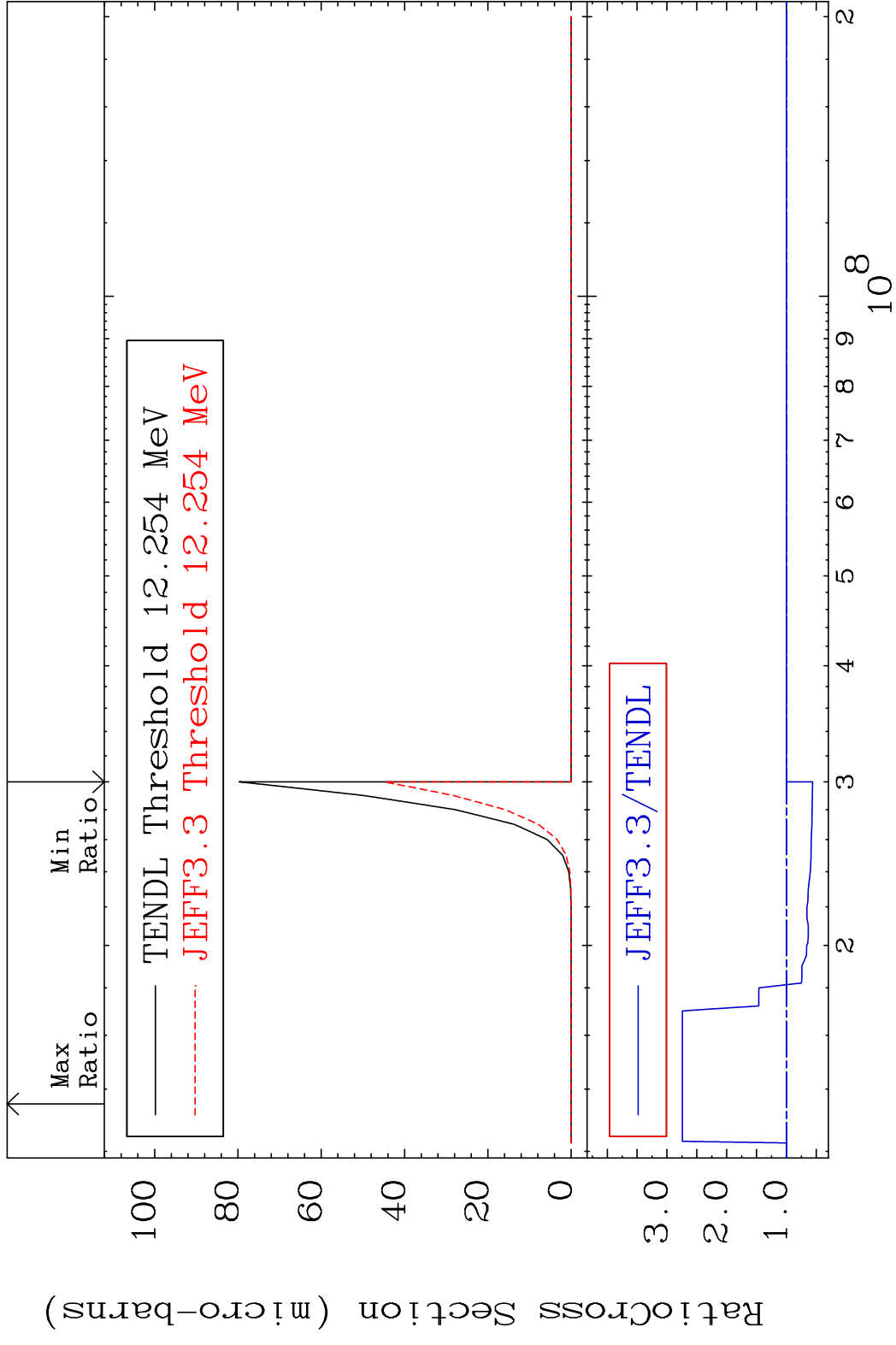


MAT 3237 (n,  $\alpha$ ):30-Zn-71g 32-Ge-74  
 Radionuclide Production Cross Section 1184. %

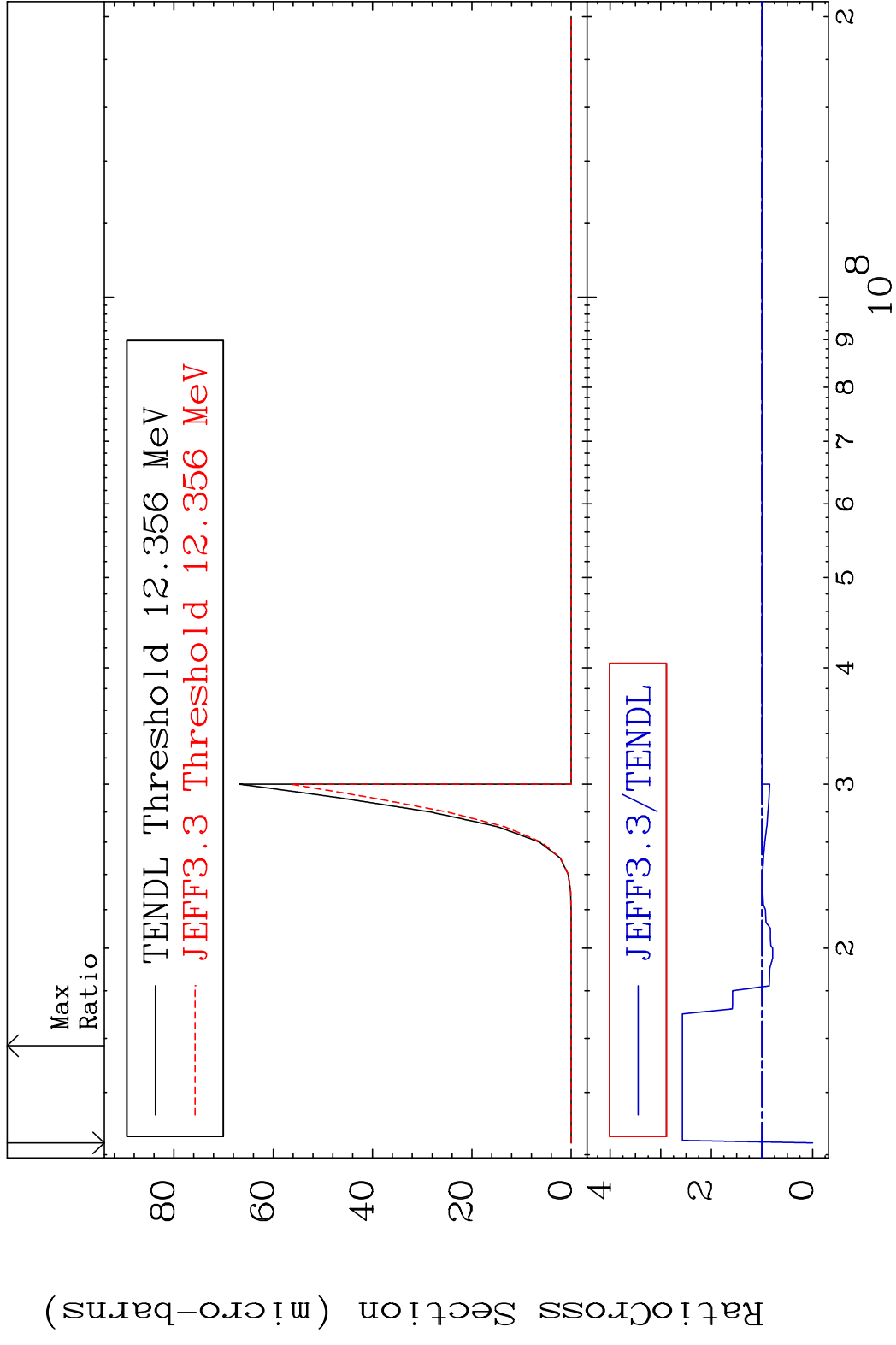


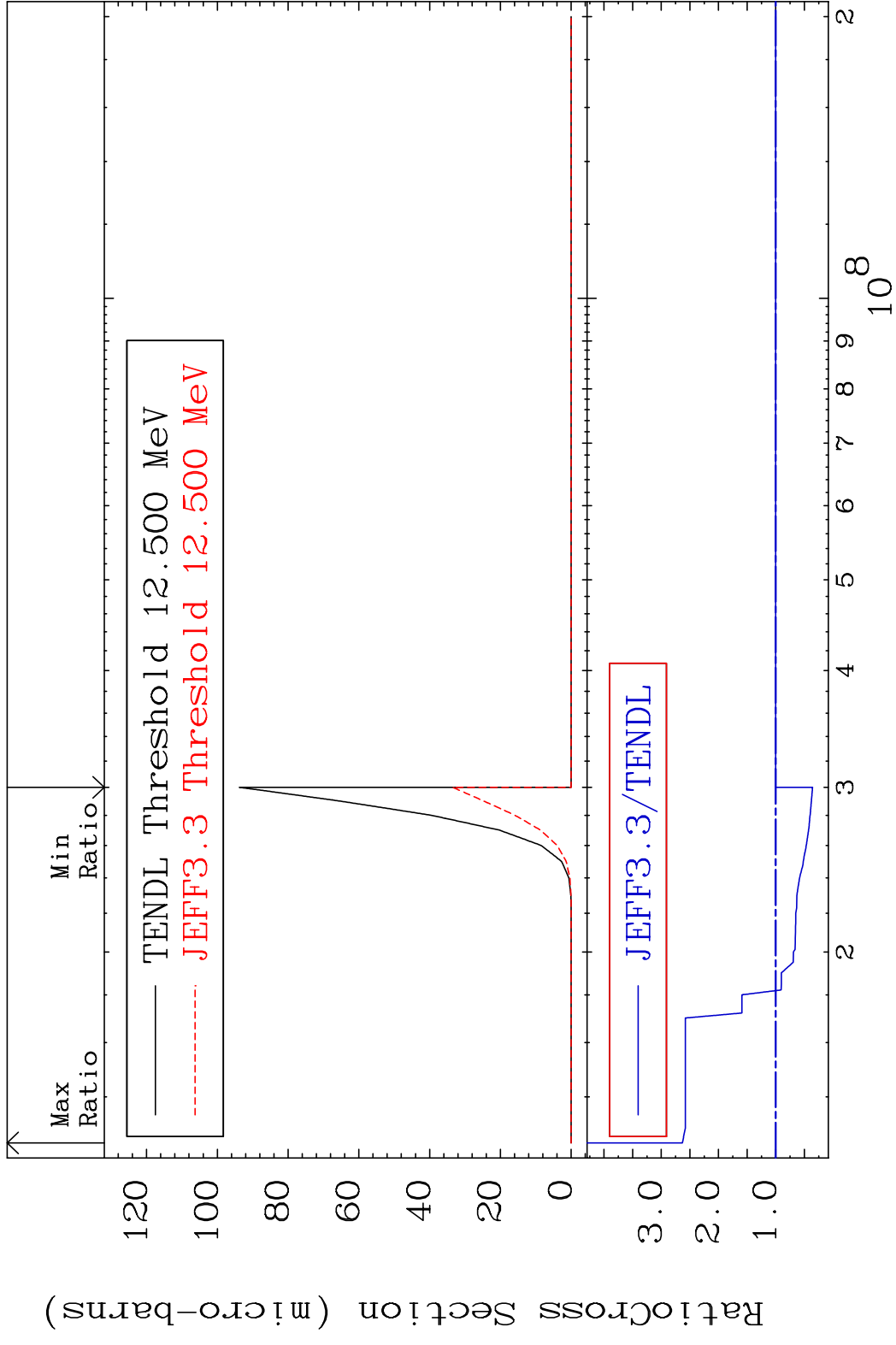


MAT 3237 (n, p)  $\alpha$ :29-Cu-70g 32-Ge-74  
 Radionuclide Production Cross Section 174.3 %

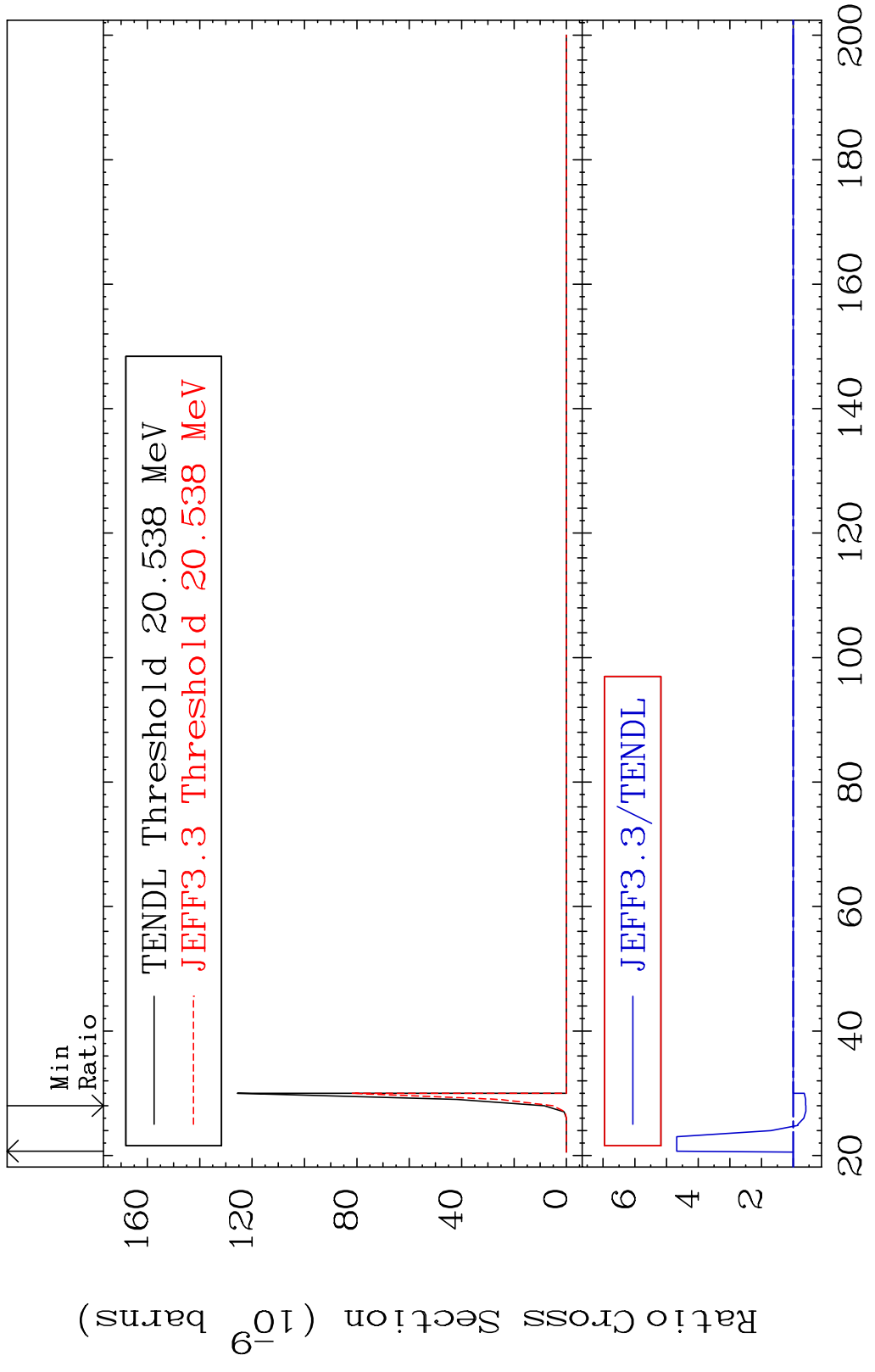


MAT 3237 (n, p)  $\alpha$ :29-Cu-70m1 32-Ge-74  
 Radionuclide Production Cross Section 180.0 dno 157.3 %





MAT 3237 (n,p) t:30-Zn-71g 32-Ge-74  
 Radionuclide Production Cross Section 39.79 dth 367.8 %



MAT 3237 (n,p) t:30-Zn-71m1 32-Ge-74  
 Radionuclide Production Cross Section 911.6 %

