

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

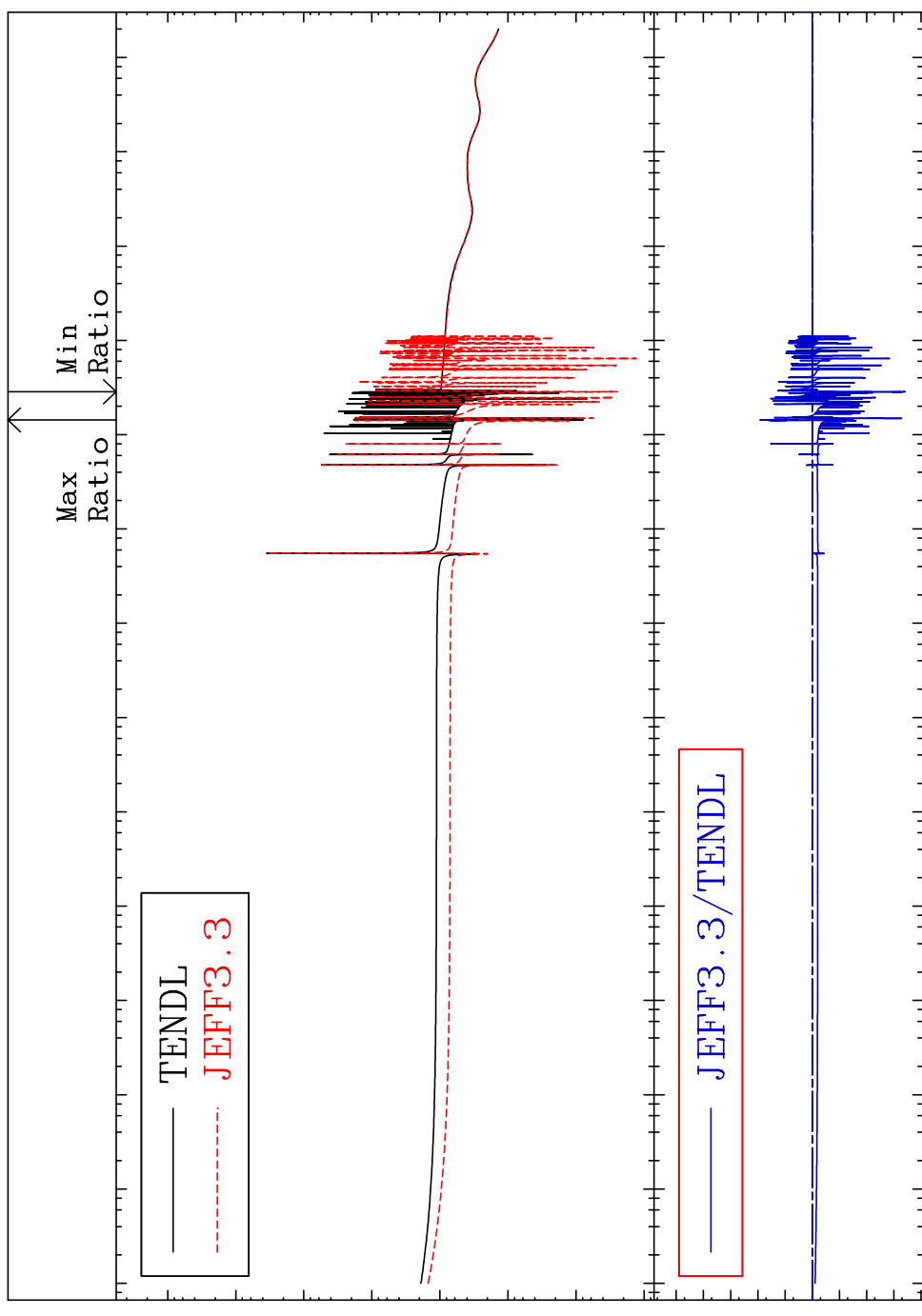
MAT 3243

Total

32-Ge-76

Cross Section

-99.96 To 8094. %



10<sup>5</sup>  
10<sup>4</sup>  
10<sup>3</sup>  
10<sup>2</sup>  
10<sup>1</sup>  
10<sup>0</sup>  
10<sup>-1</sup>  
10<sup>-2</sup>  
Ratio  
10<sup>3</sup>  
10<sup>0</sup>  
10<sup>-3</sup>

10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

1

Incident Energy (eV)

32-Ge-76

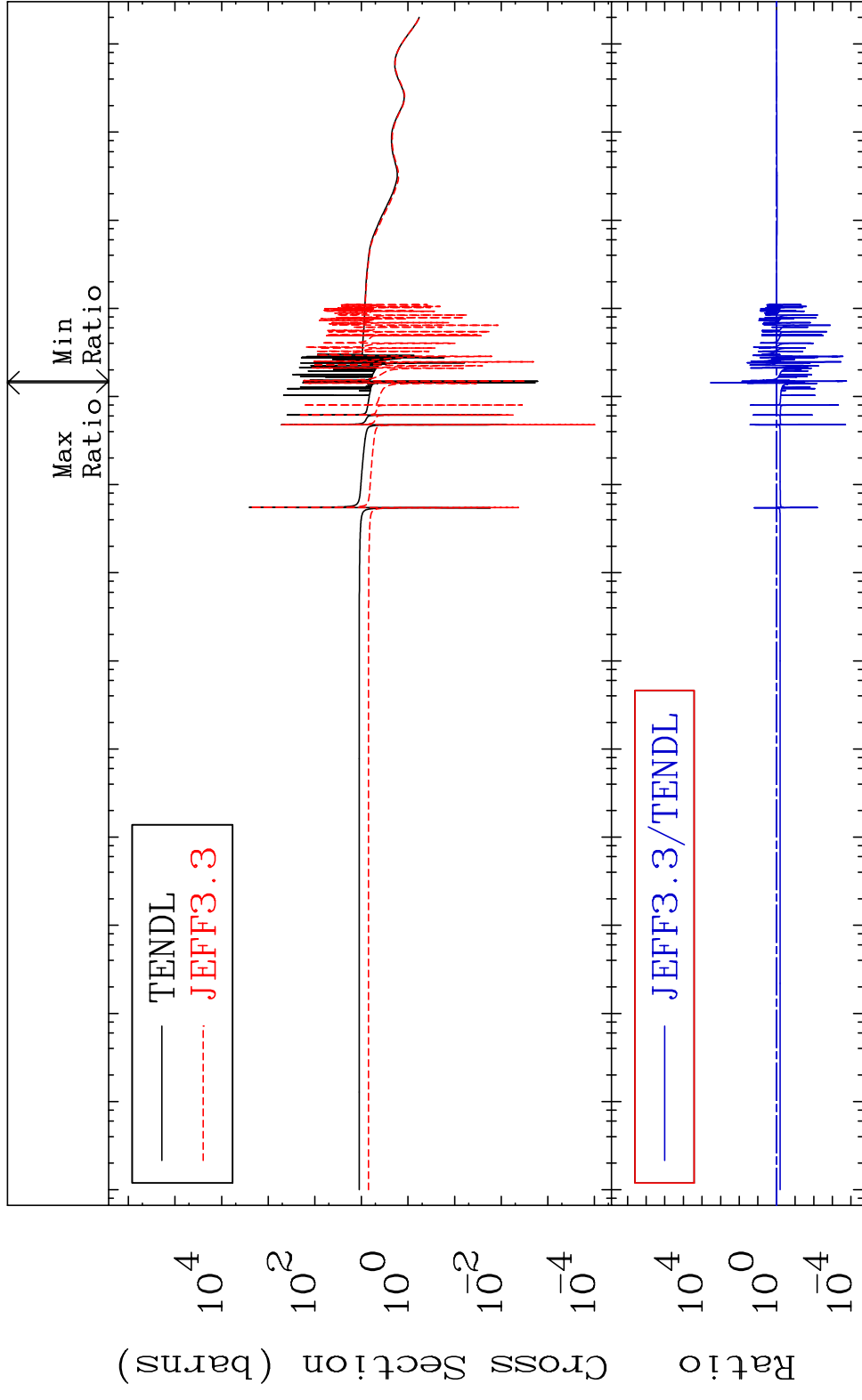
MAT 3243

Elastic

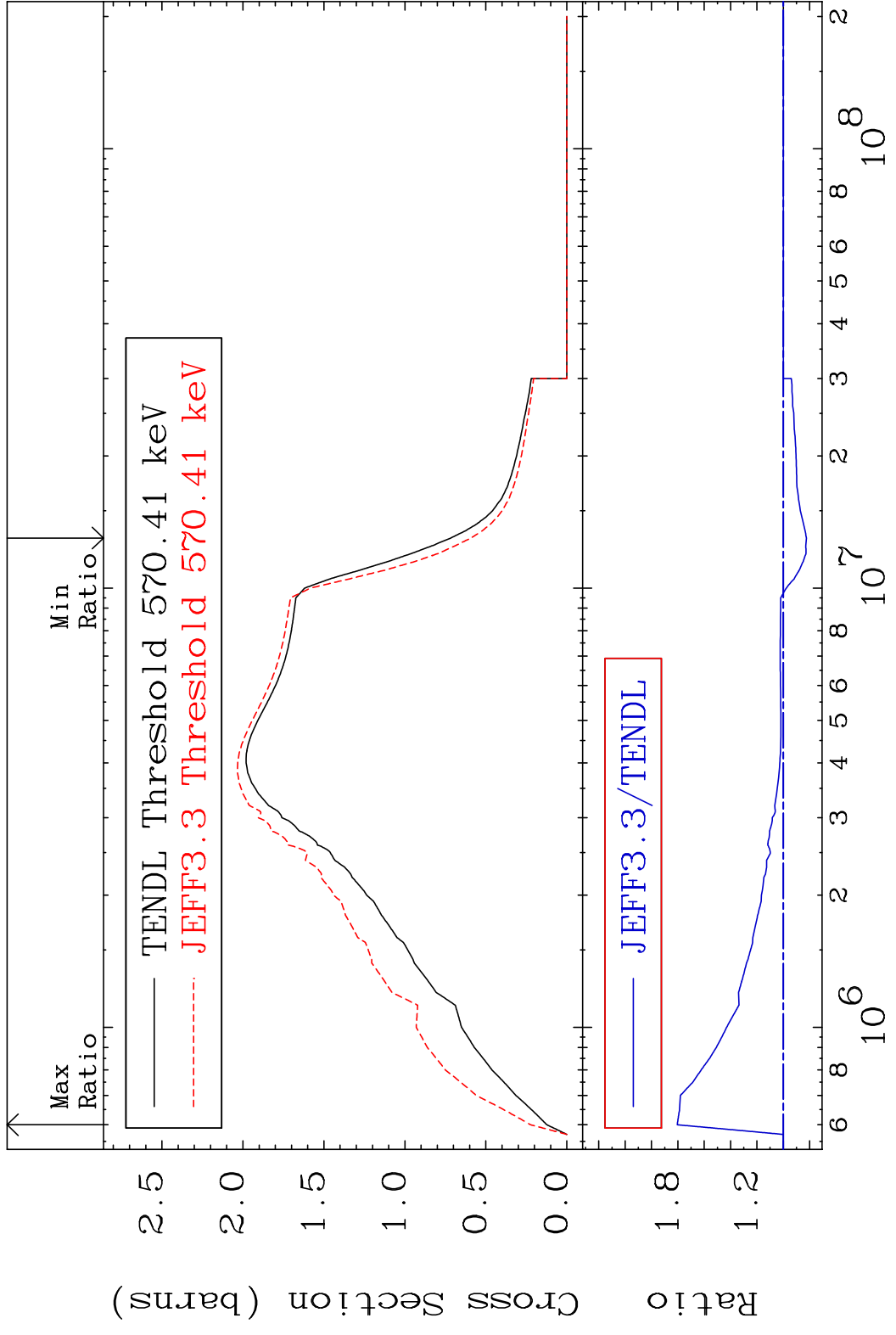
32-Ge-76

Cross Section

-99.98 To 9999. %

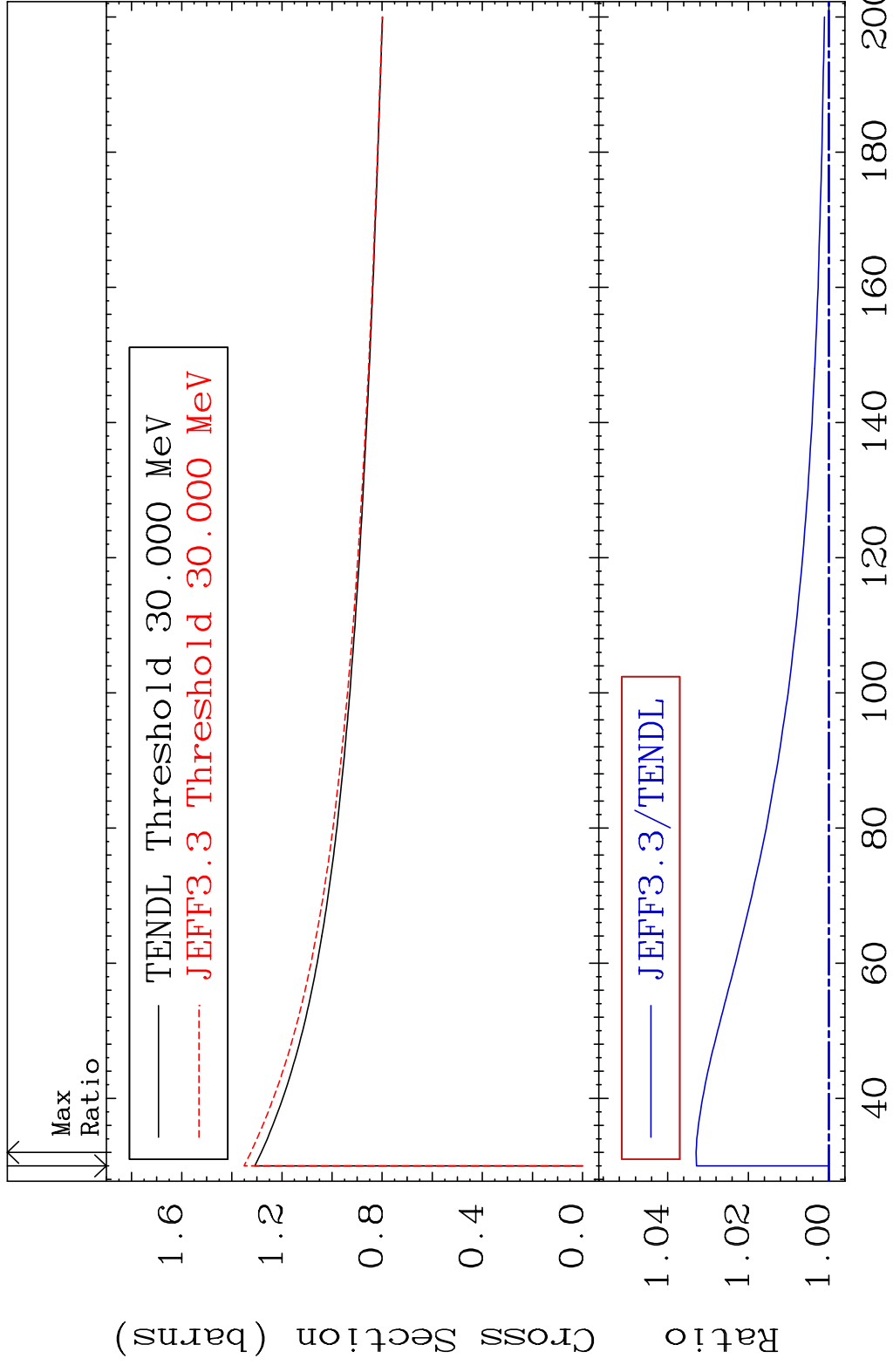


MAT 3243 Inelastic Cross Section -17.52 To 80.50 % 32-Ge-76

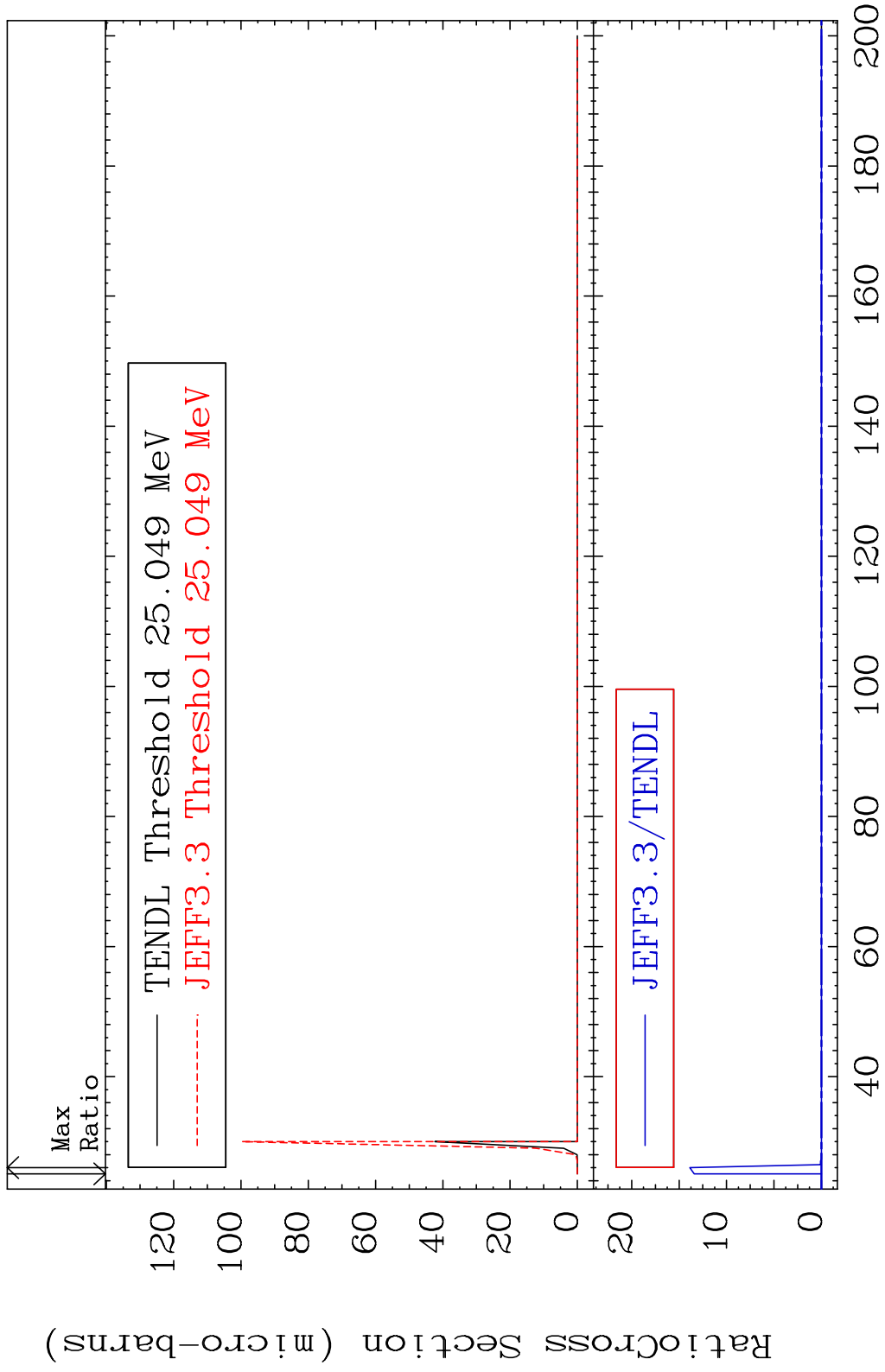


3 Incident Energy (eV) 32-Ge-76

MAT 3243 (n, remainder) 32-Ge-76  
 Cross Section 0.000 To 3.298 %



MAT 3243 (n,2n) d 32-Ge-76  
 Cross Section -100.0 To 9999. %

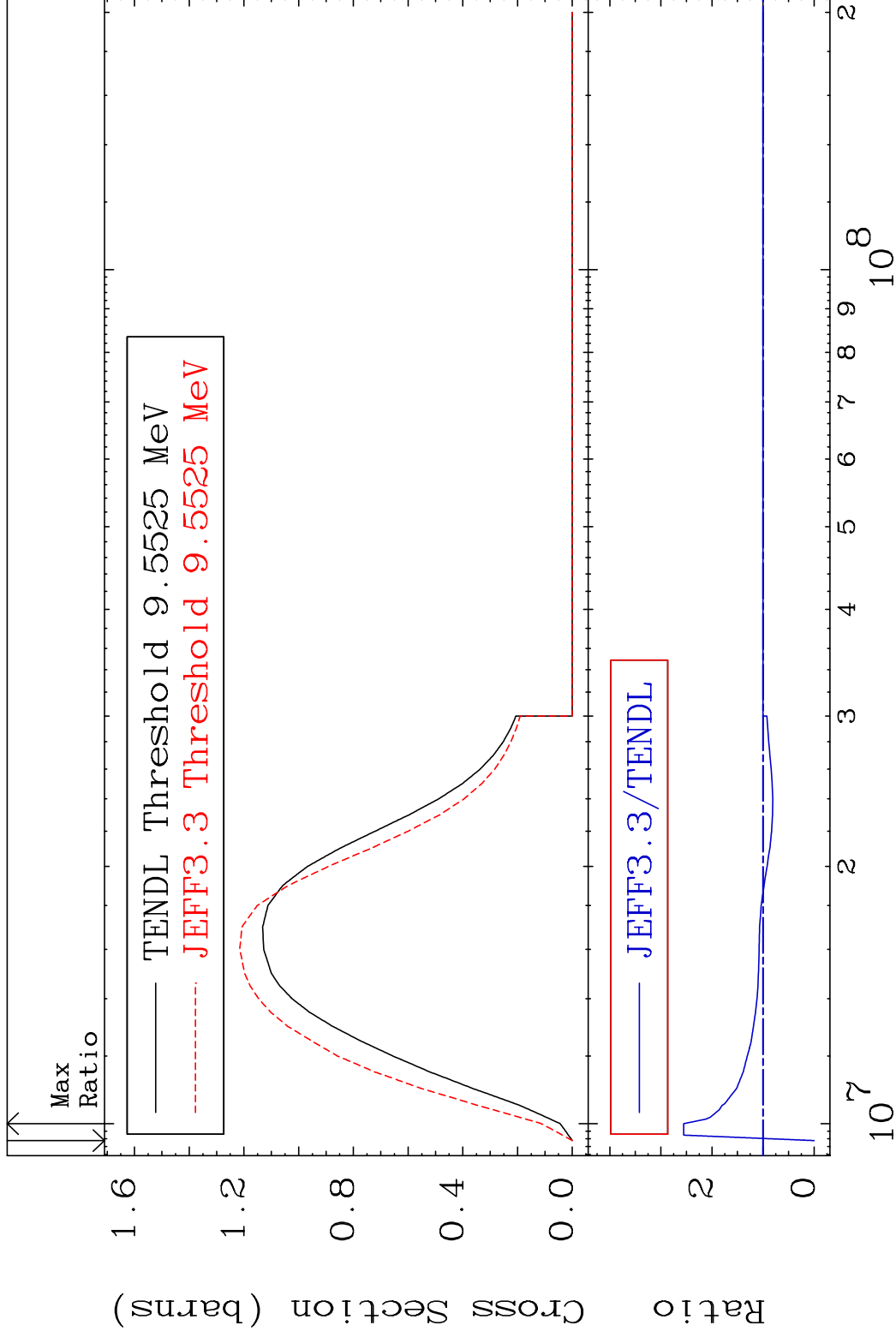


MAT 3243

(n,2n)

32-Ge-76

Cross Section -100.0 To 155.4 %



32-Ge-76

Incident Energy (eV)

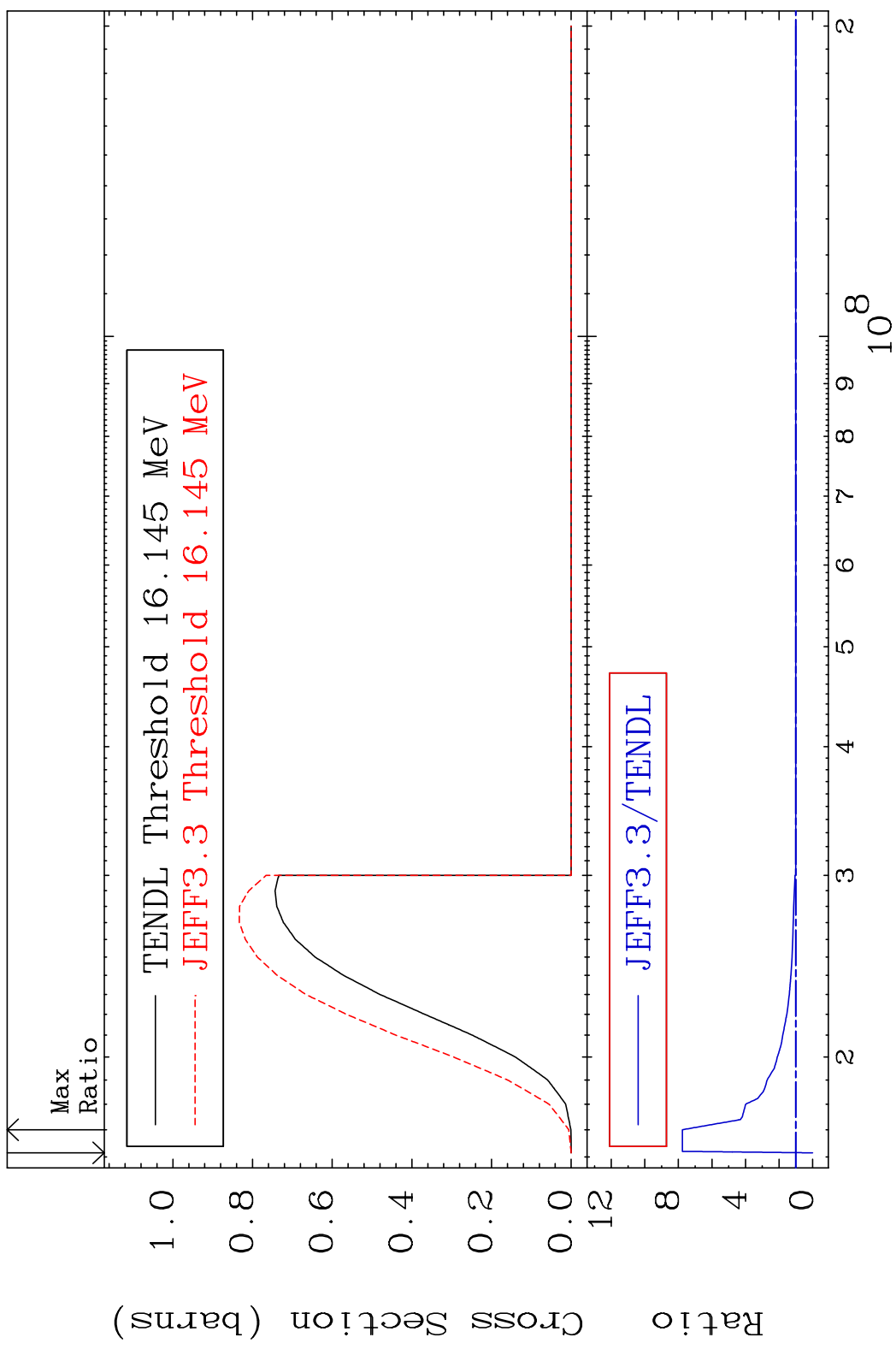
6

MAT 3243

(n,3n)

32-Ge-76

Cross Section -100.0 To 676.3 %



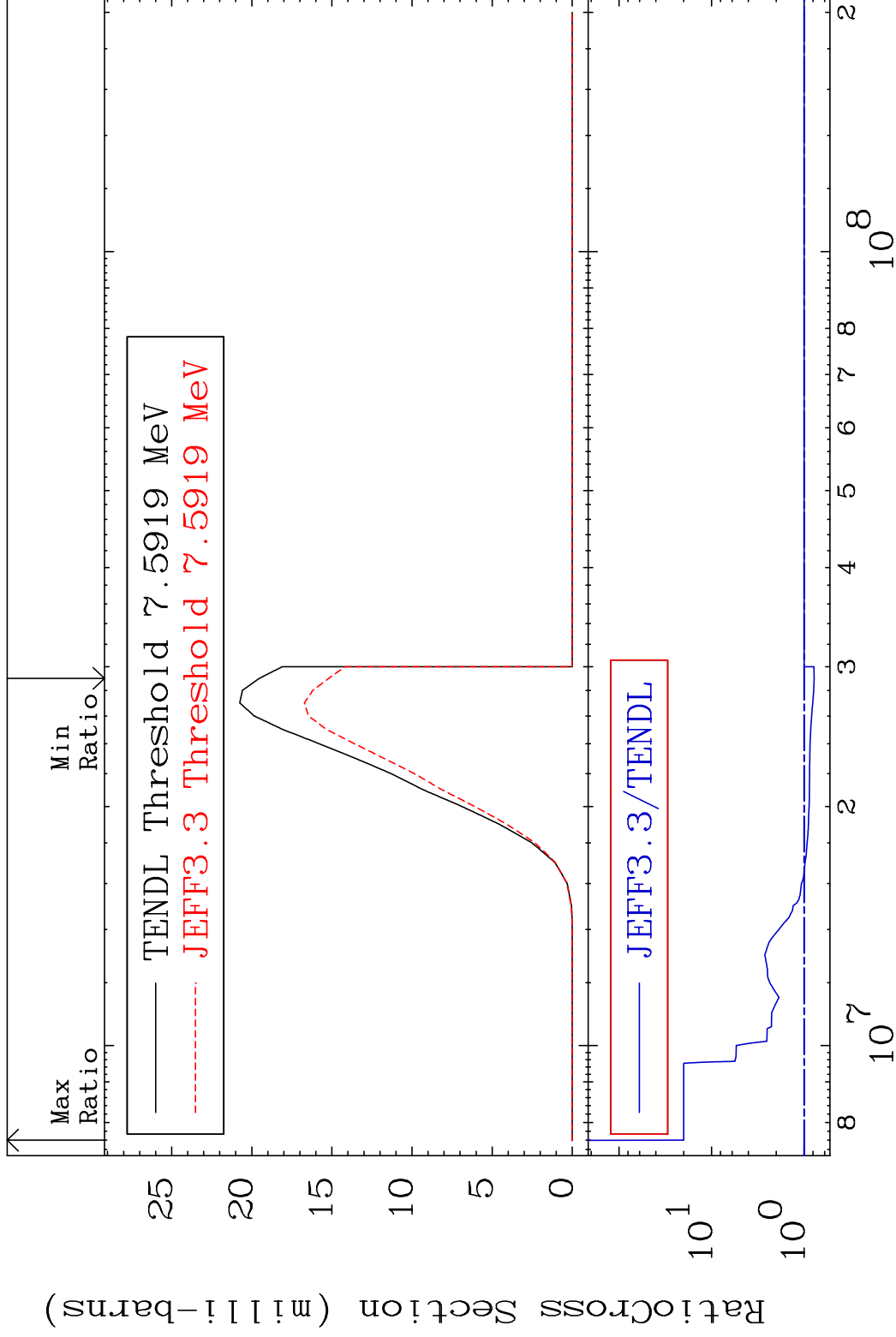


MAT 3243

(n, n')  $\alpha$

32-Ge-76

Cross Section -22.14 To 1901. %



8

Incident Energy (eV)

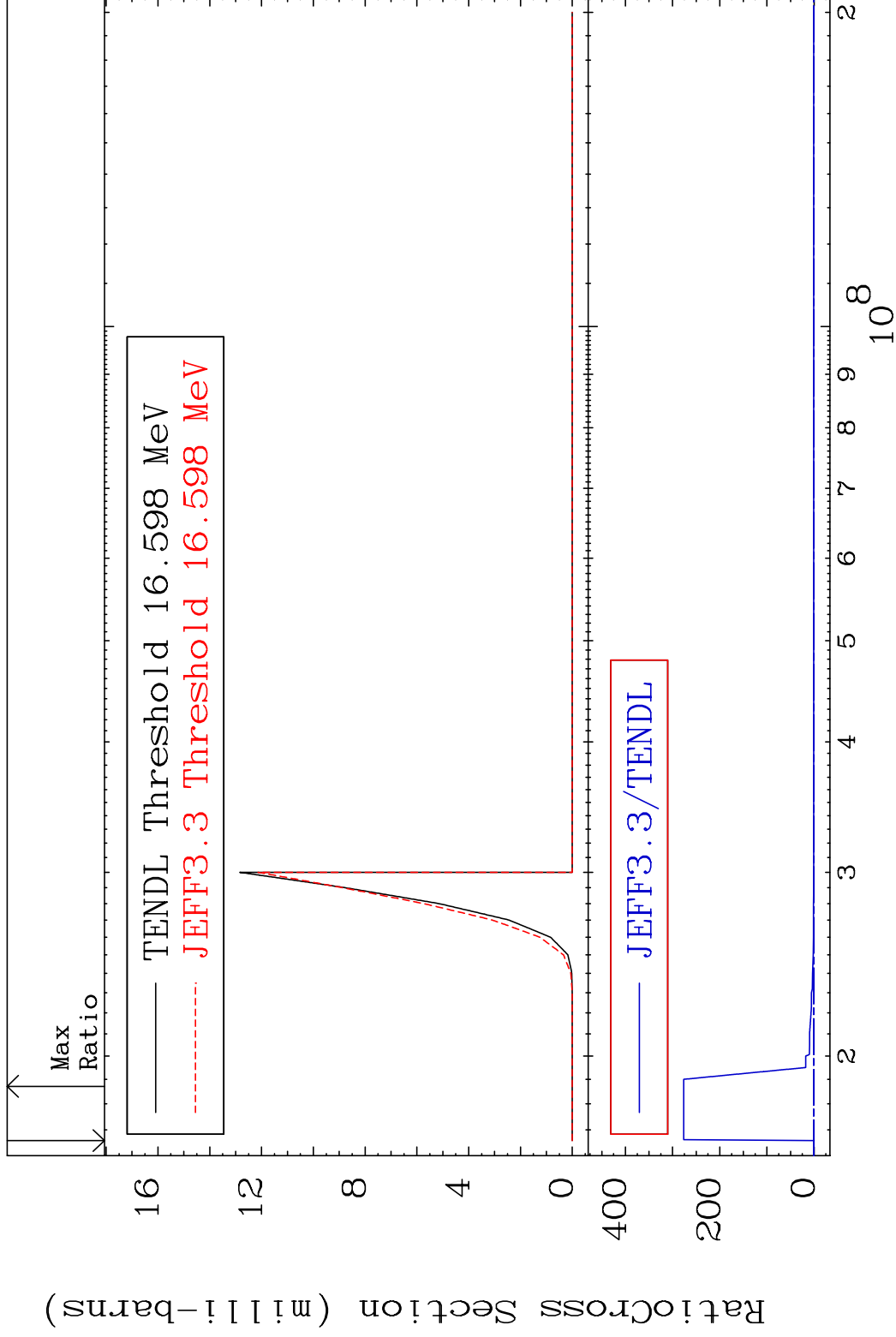
32-Ge-76

MAT 3243

(n,2n)  $\alpha$

32-Ge-76

Cross Section -100.0 To 9999. %

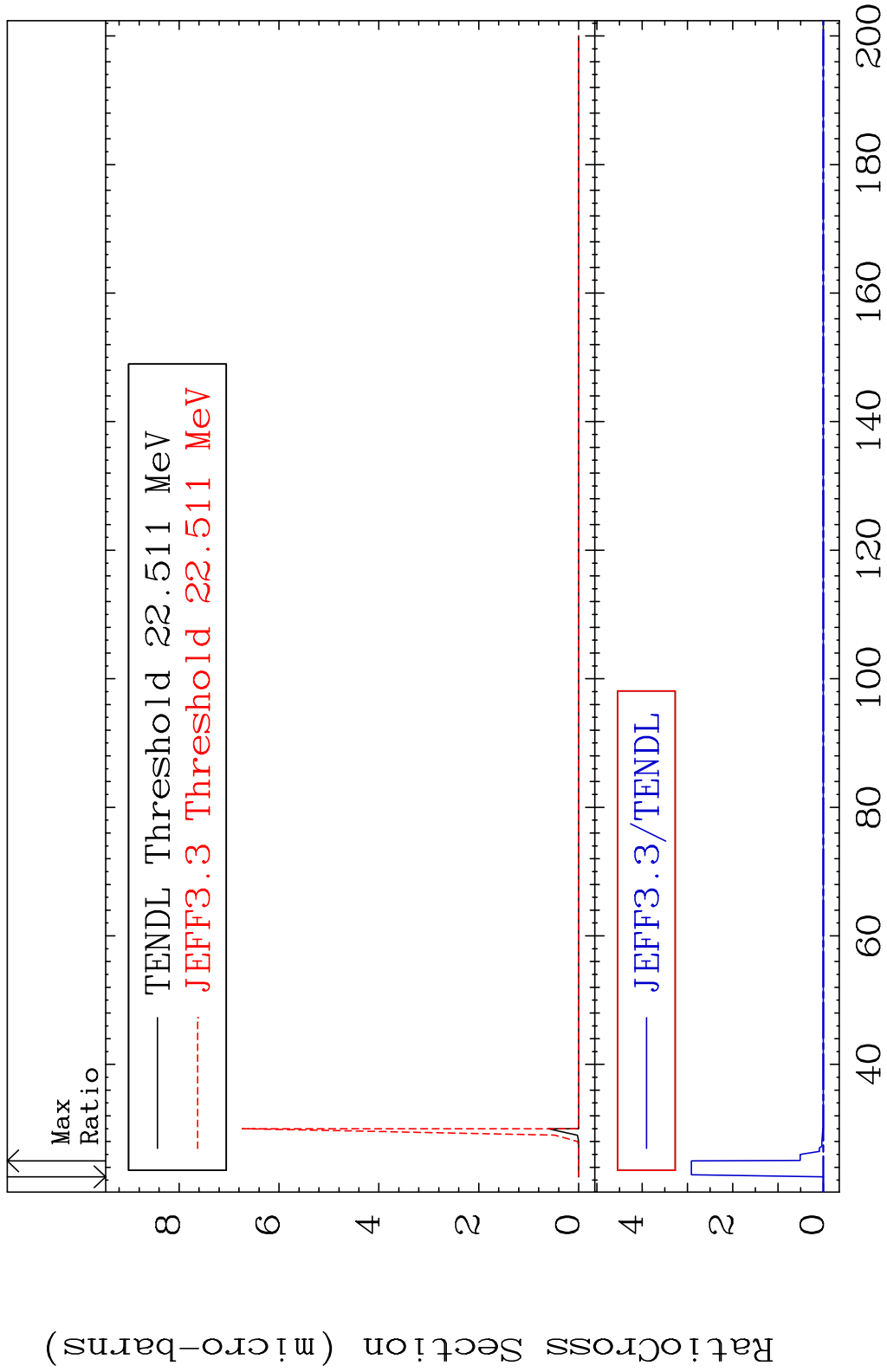


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Incident Energy (eV)

32-Ge-76

MAT 3243 (n,3n)  $\alpha$  32-Ge-76  
 Cross Section -100.0 To 9999. %



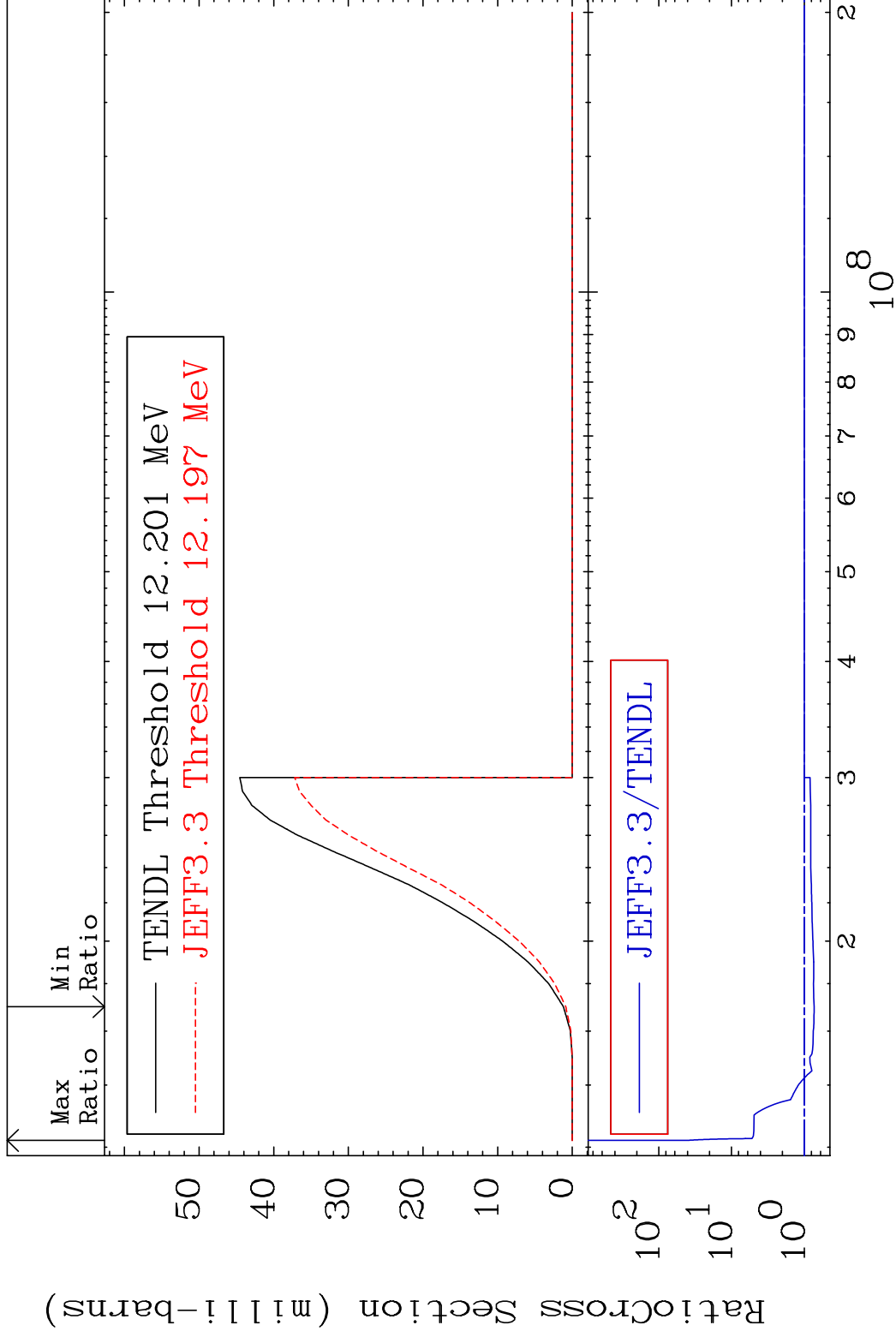
10 Incident Energy (MeV) 32-Ge-76

MAT 3243

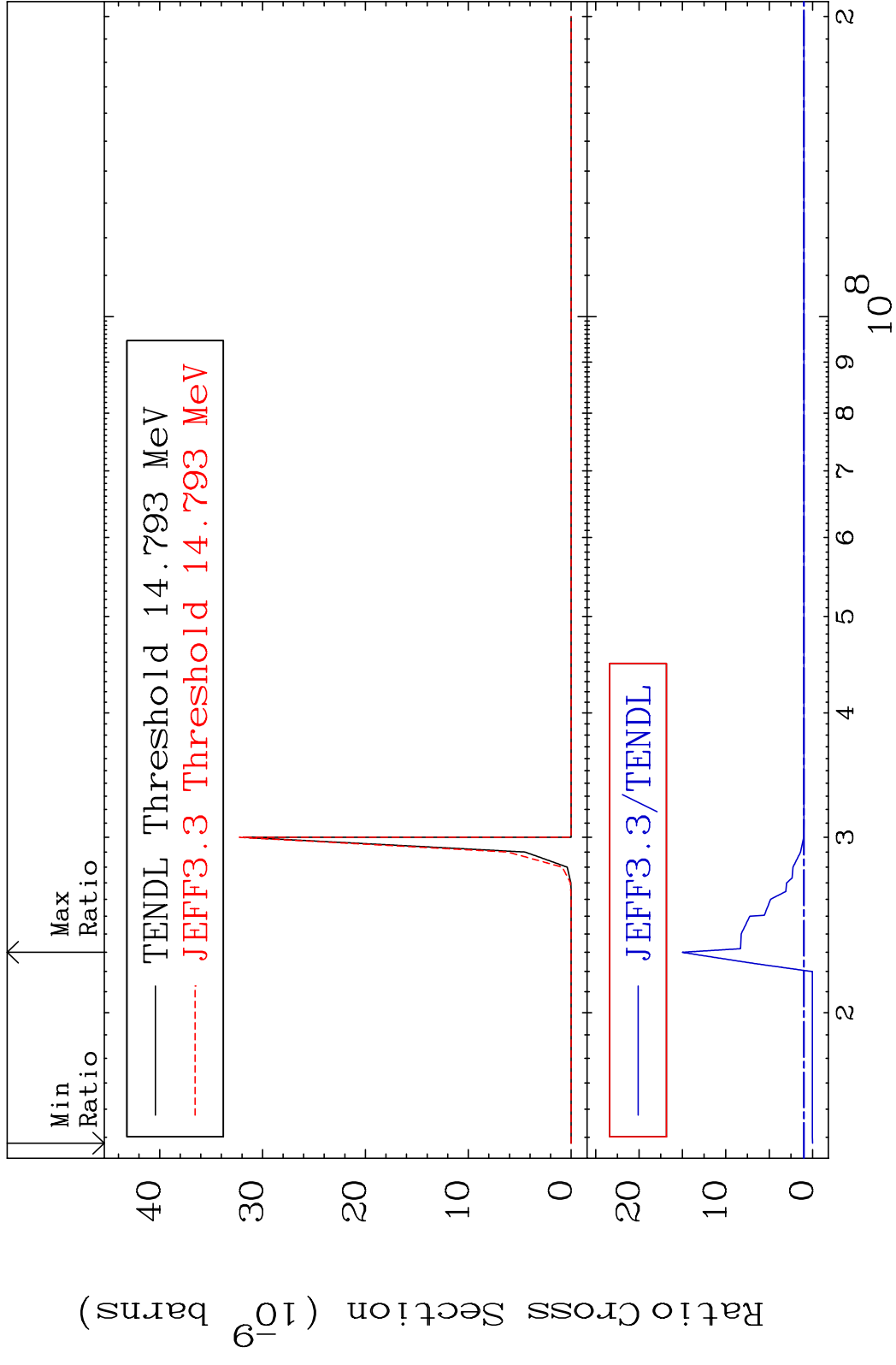
(n, n') p

32-Ge-76

Cross Section -26.60 To 4444. %



MAT 3243 (n, n') 2α 32-Ge-76  
 Cross Section -100.0 To 1401. %



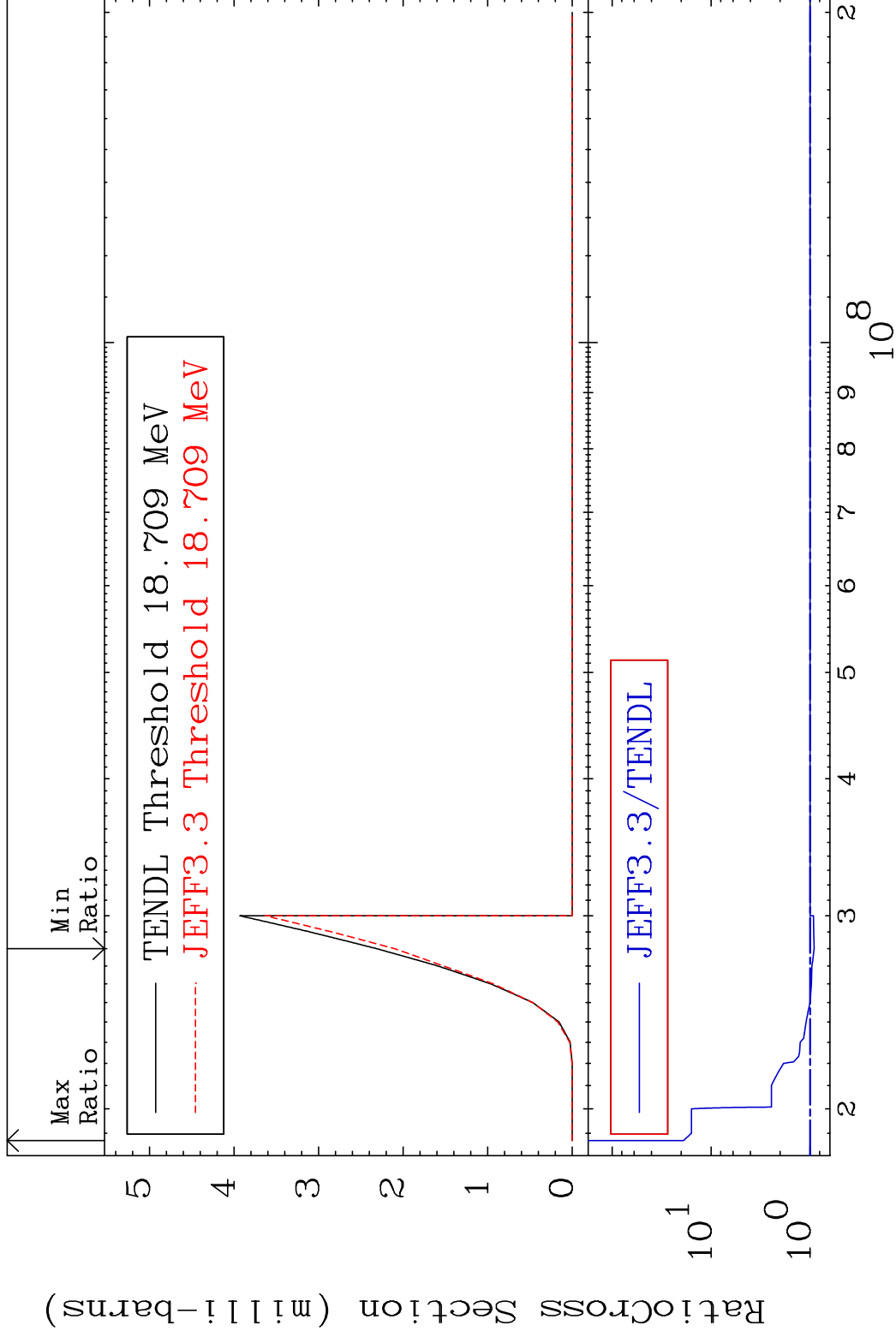


MAT 3243

(n, n') t

32-Ge-76

Cross Section -9.144 To 1791. %

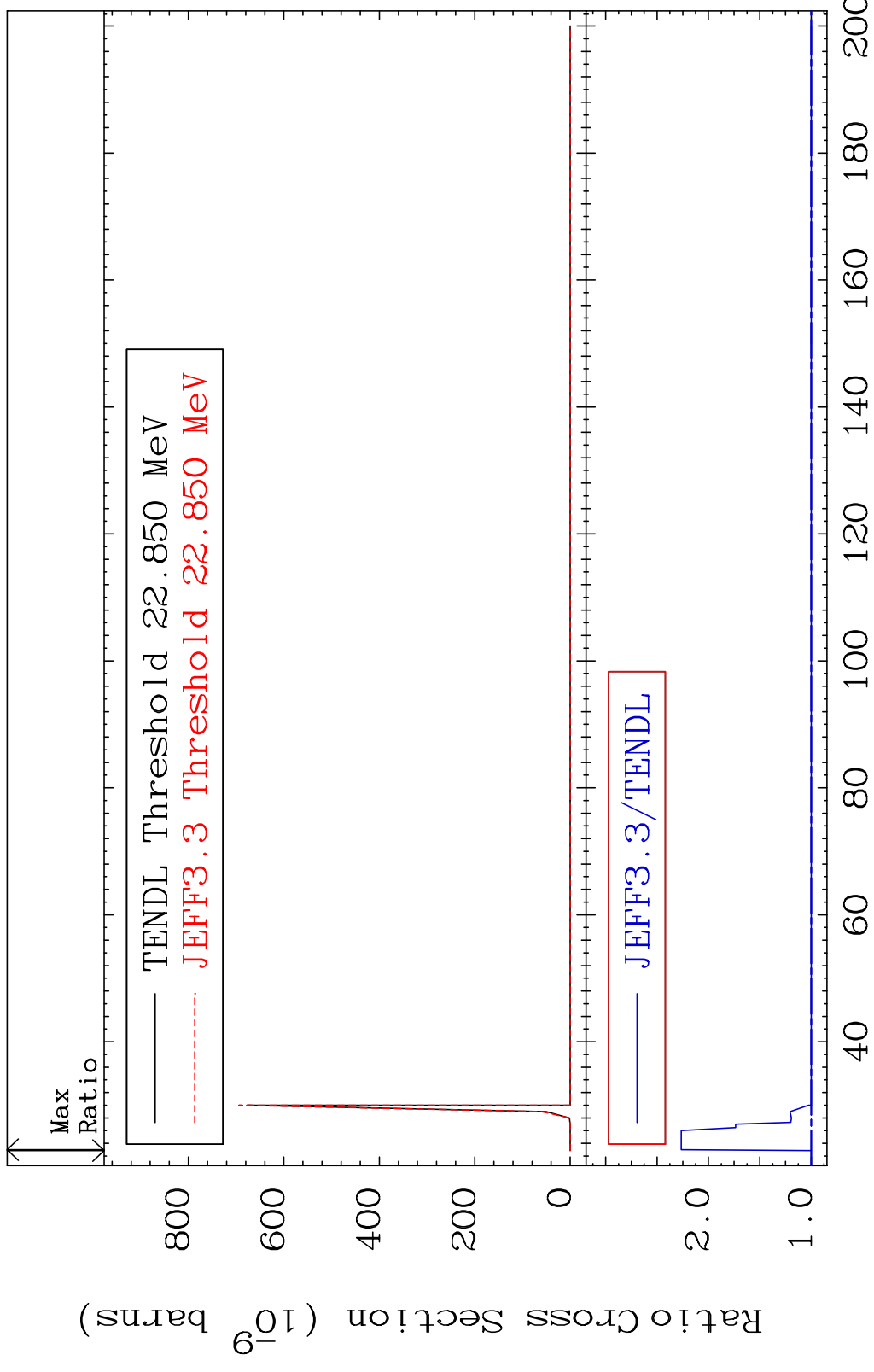


MAT 3243

(n,n') He-3

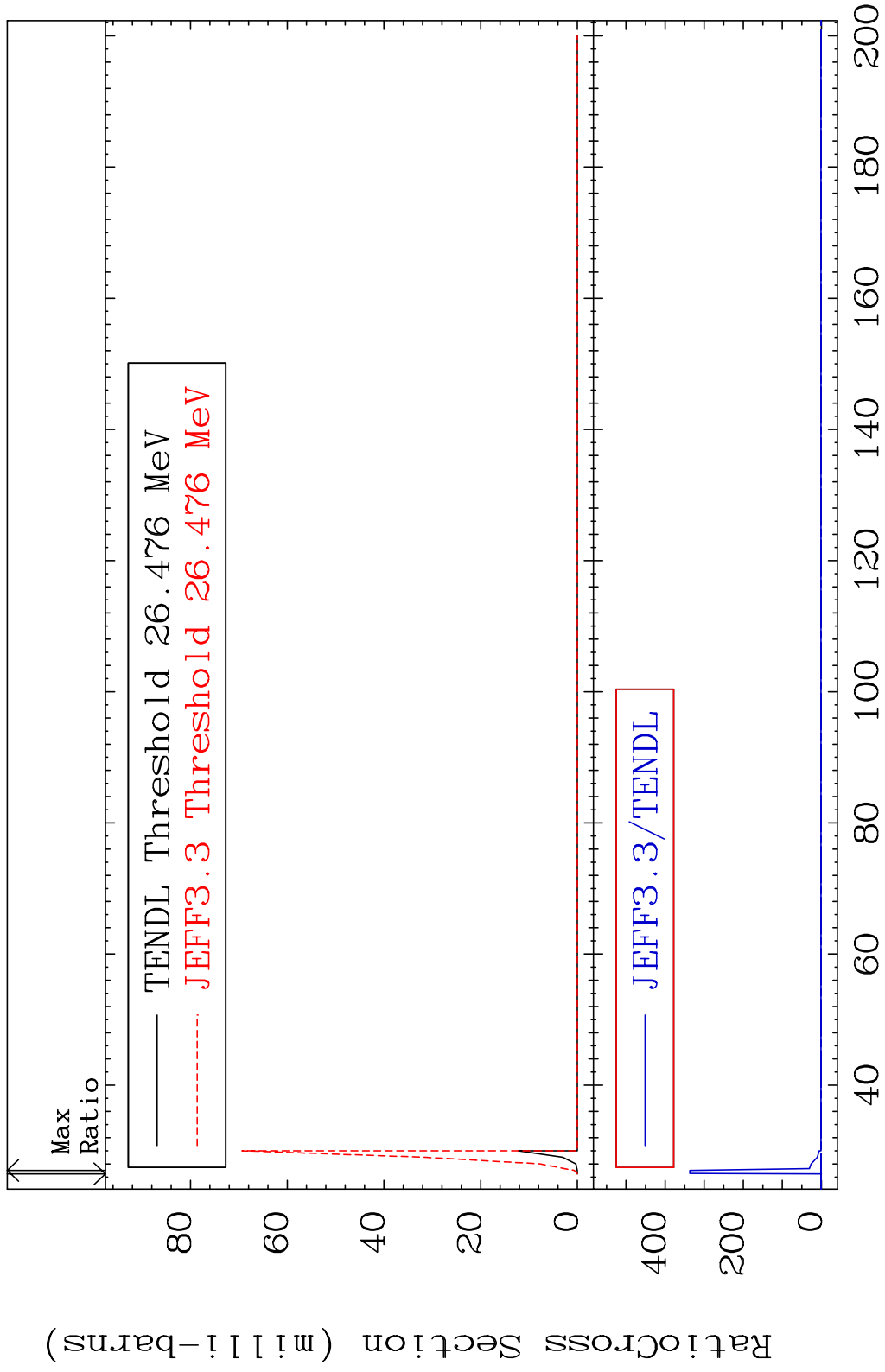
32-Ge-76

Cross Section 0.000 To 126.5 %





MAT 3243 (n,4n) 32-Ge-76  
 Cross Section -100.0 To 9999. %

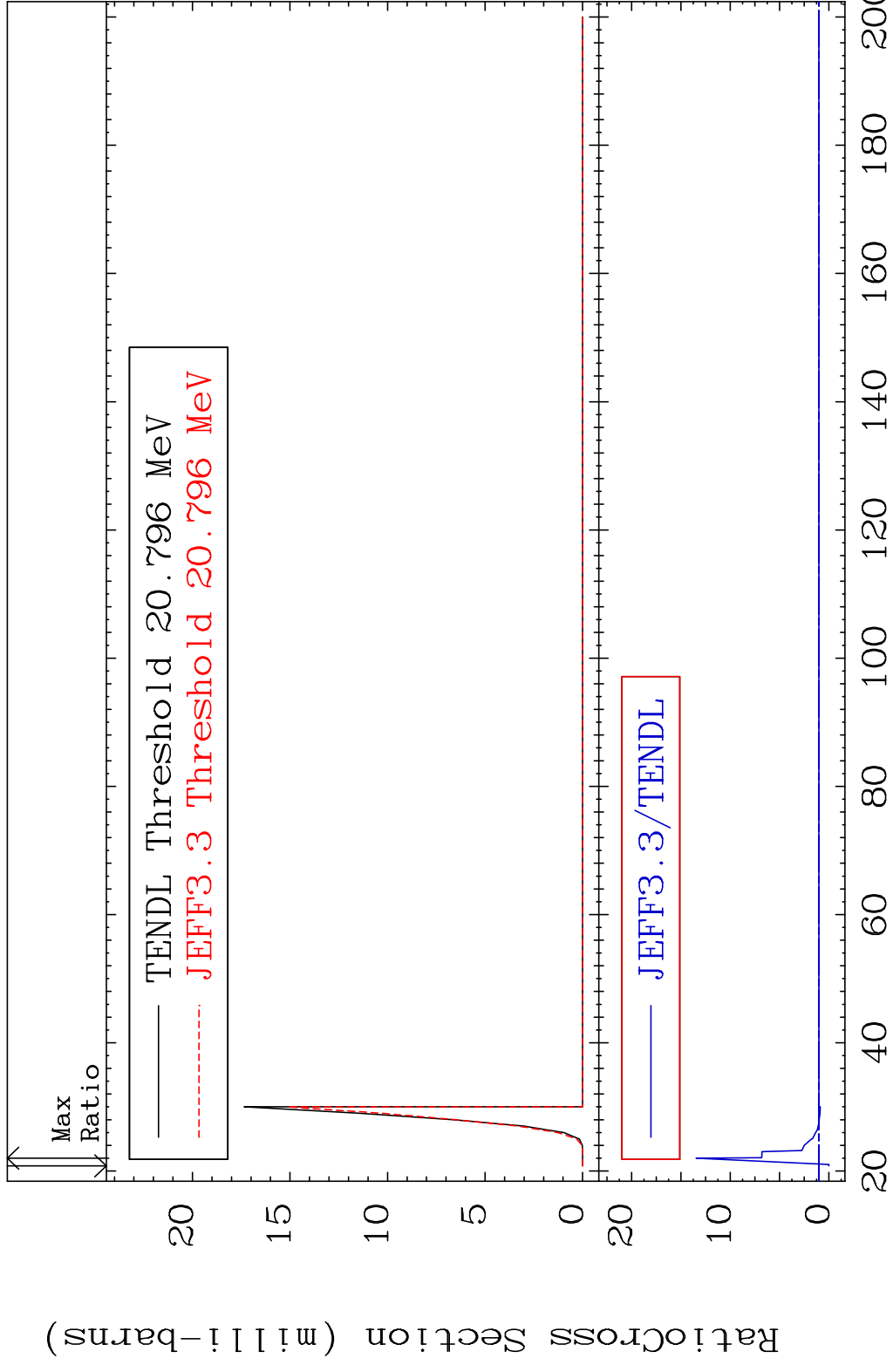


MAT 3243

(n,2n) p

32-Ge-76

Cross Section -100.0 To 1247. %

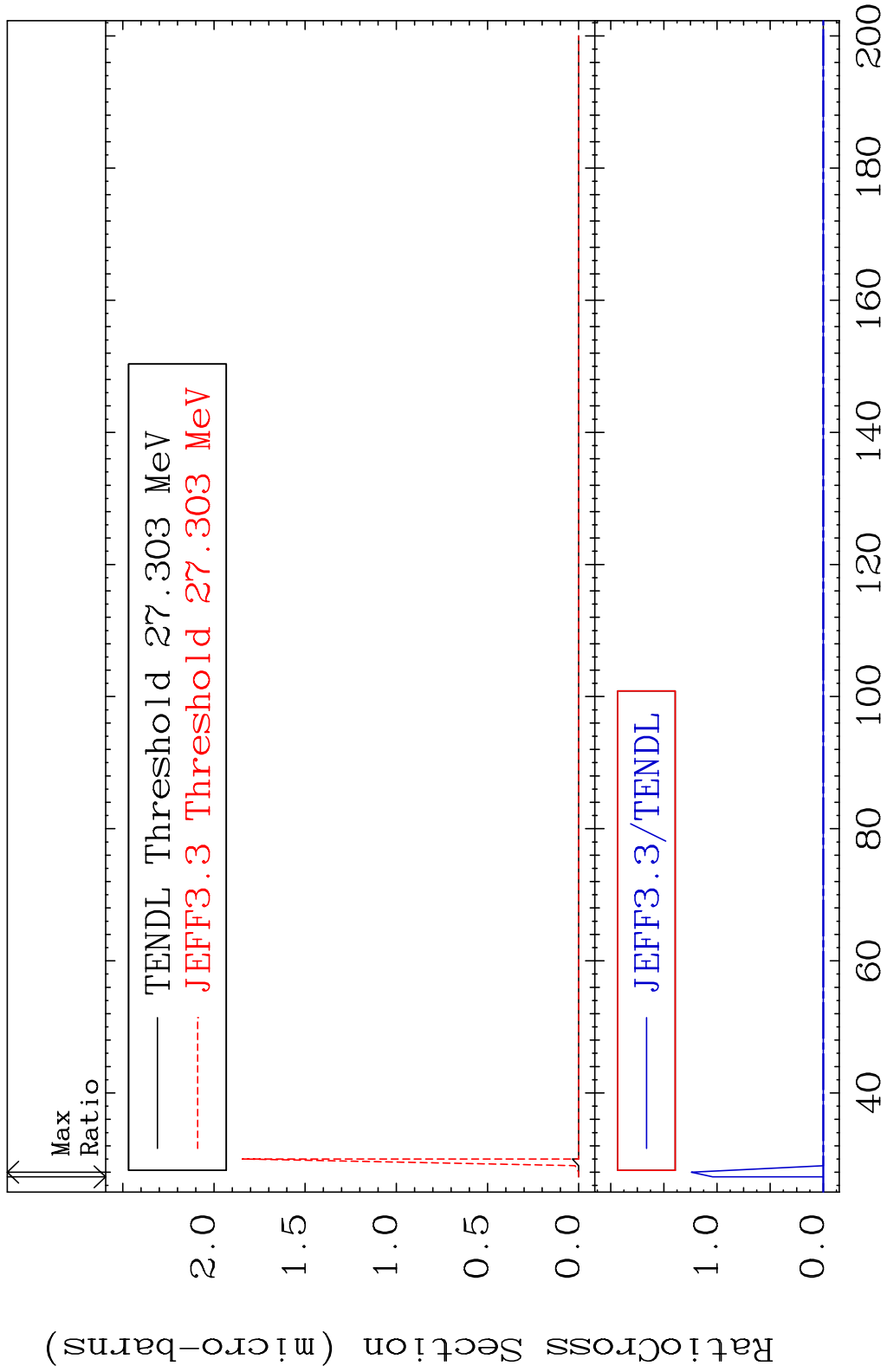


17

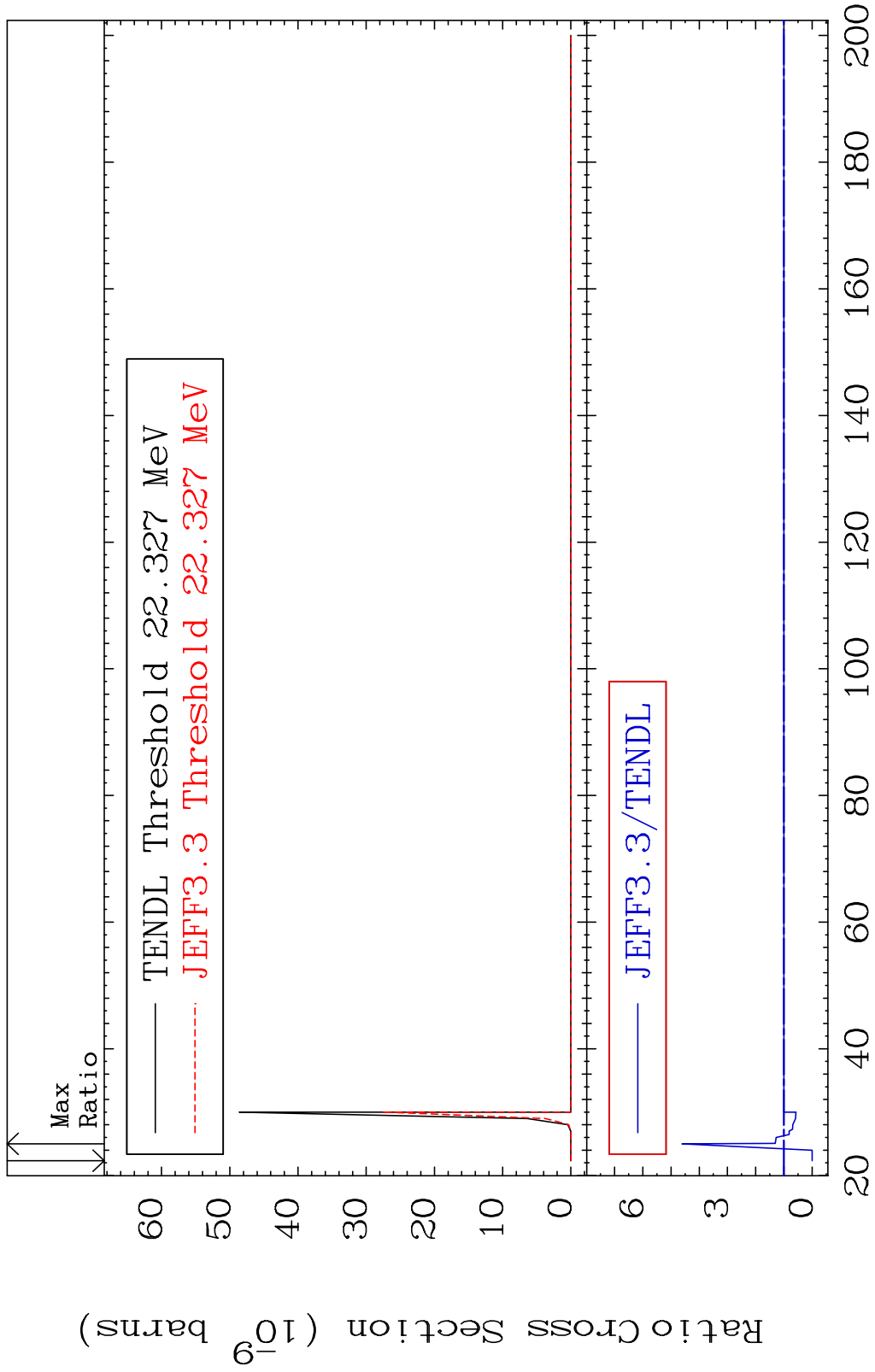
Incident Energy (MeV)

32-Ge-76

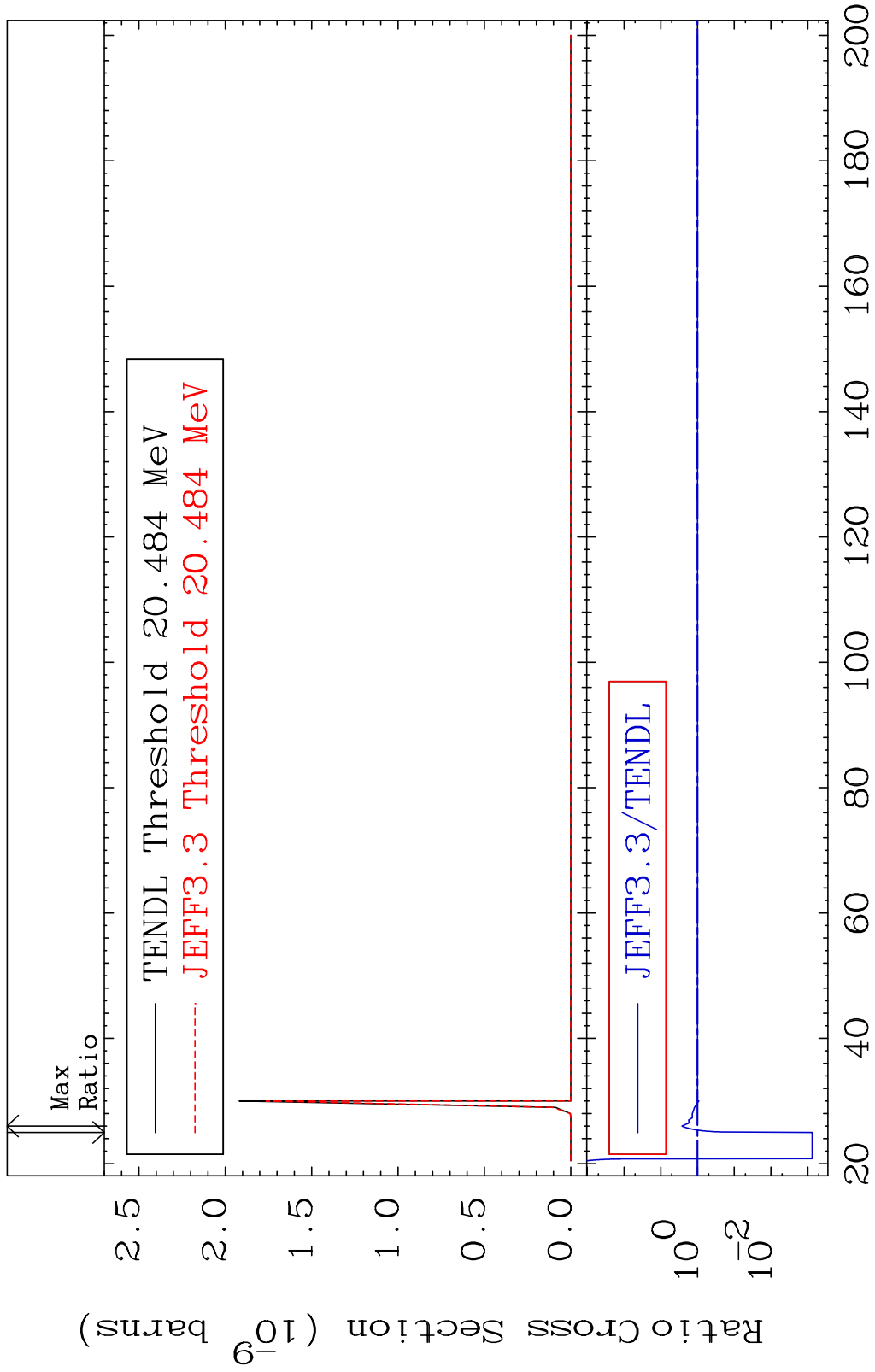
MAT 3243 (n,3n) p 32-Ge-76  
 Cross Section -100.0 To 9999. %



MAT 3243 (n,2n) p 32-Ge-76  
 Cross Section -100.0 To 361.2 %

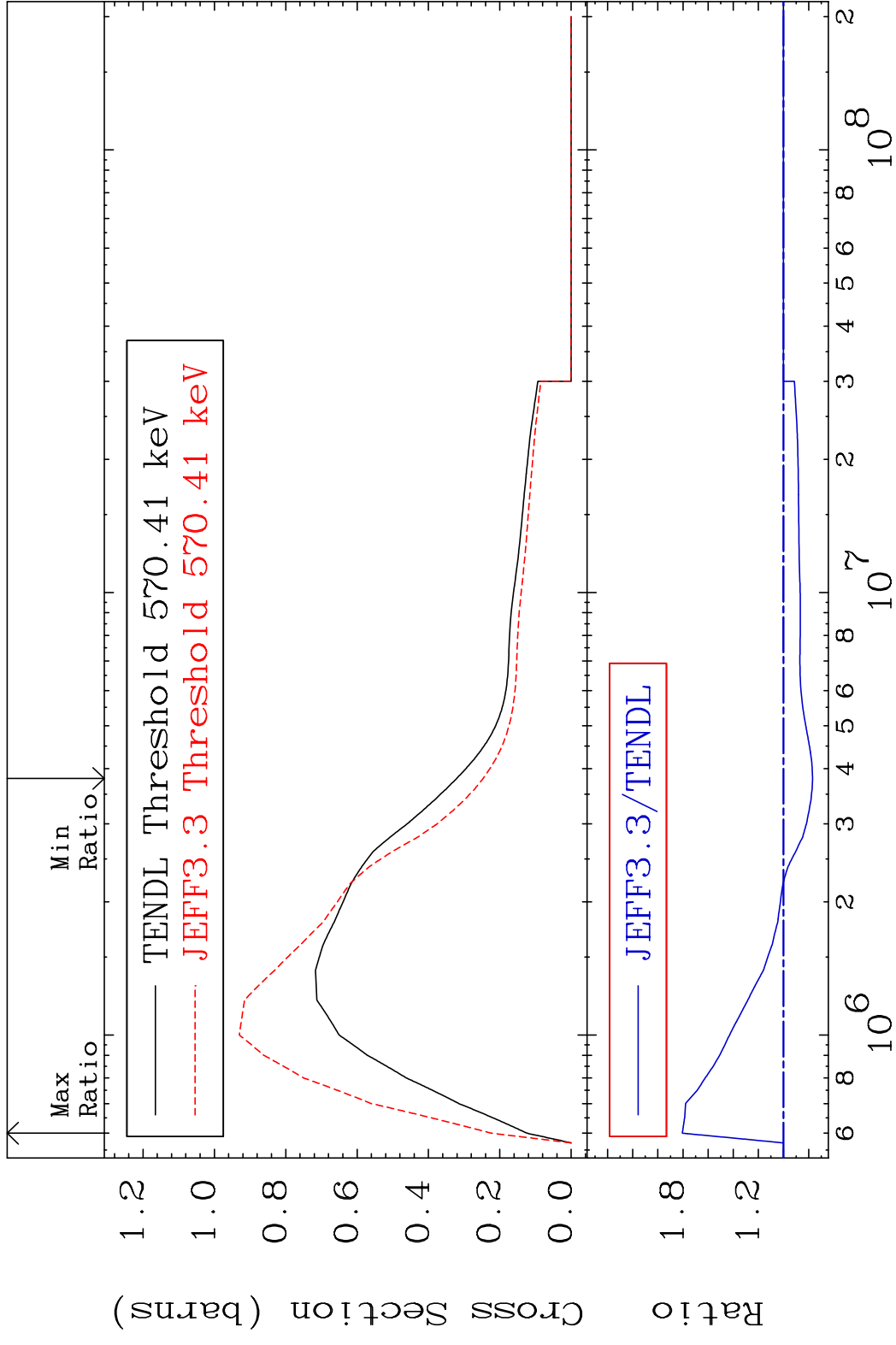


MAT 3243 (n, n') p  $\alpha$  32-Ge-76  
 Cross Section -99.92 To 164.5 %

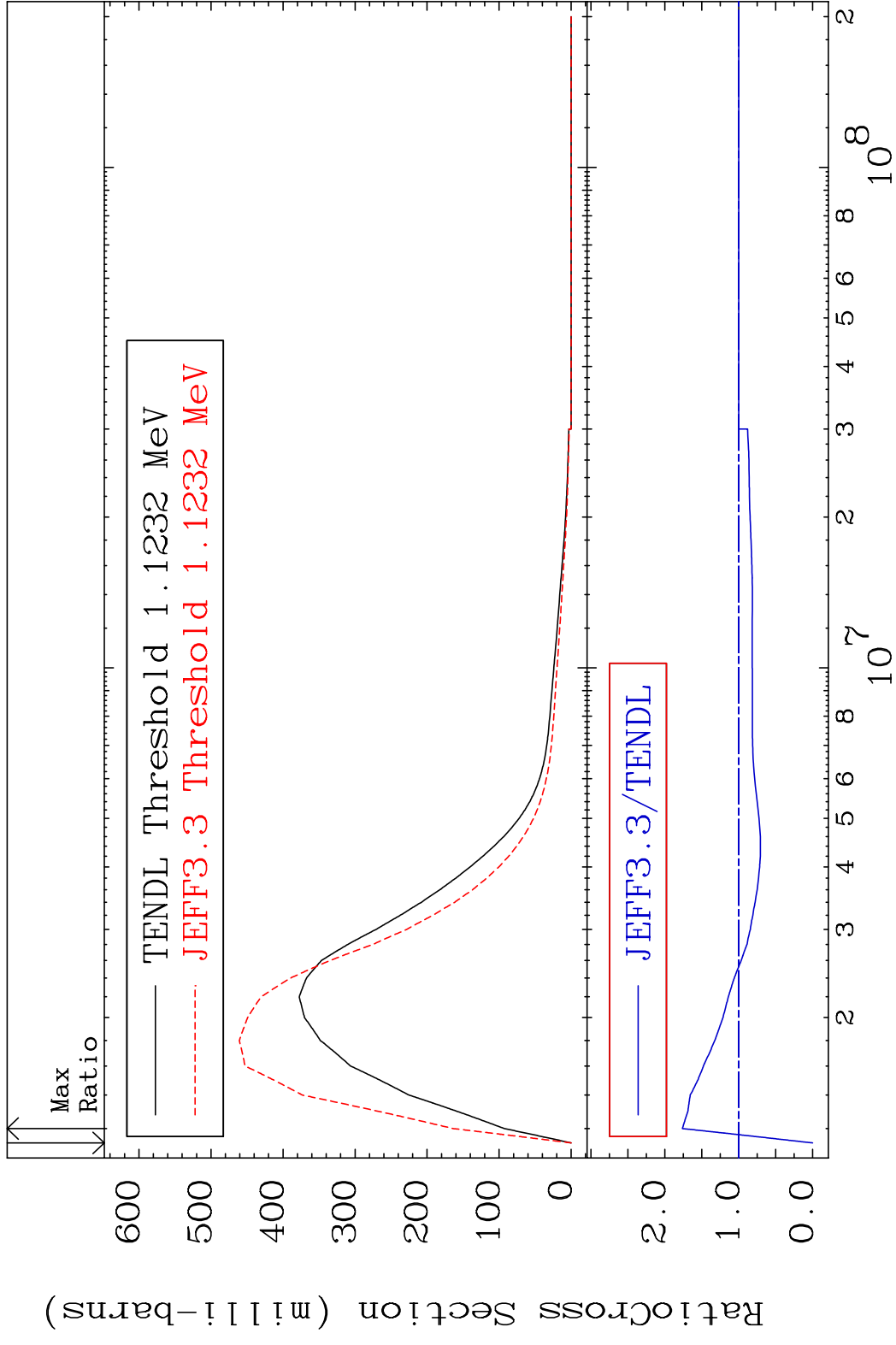


20 20 32-Ge-76

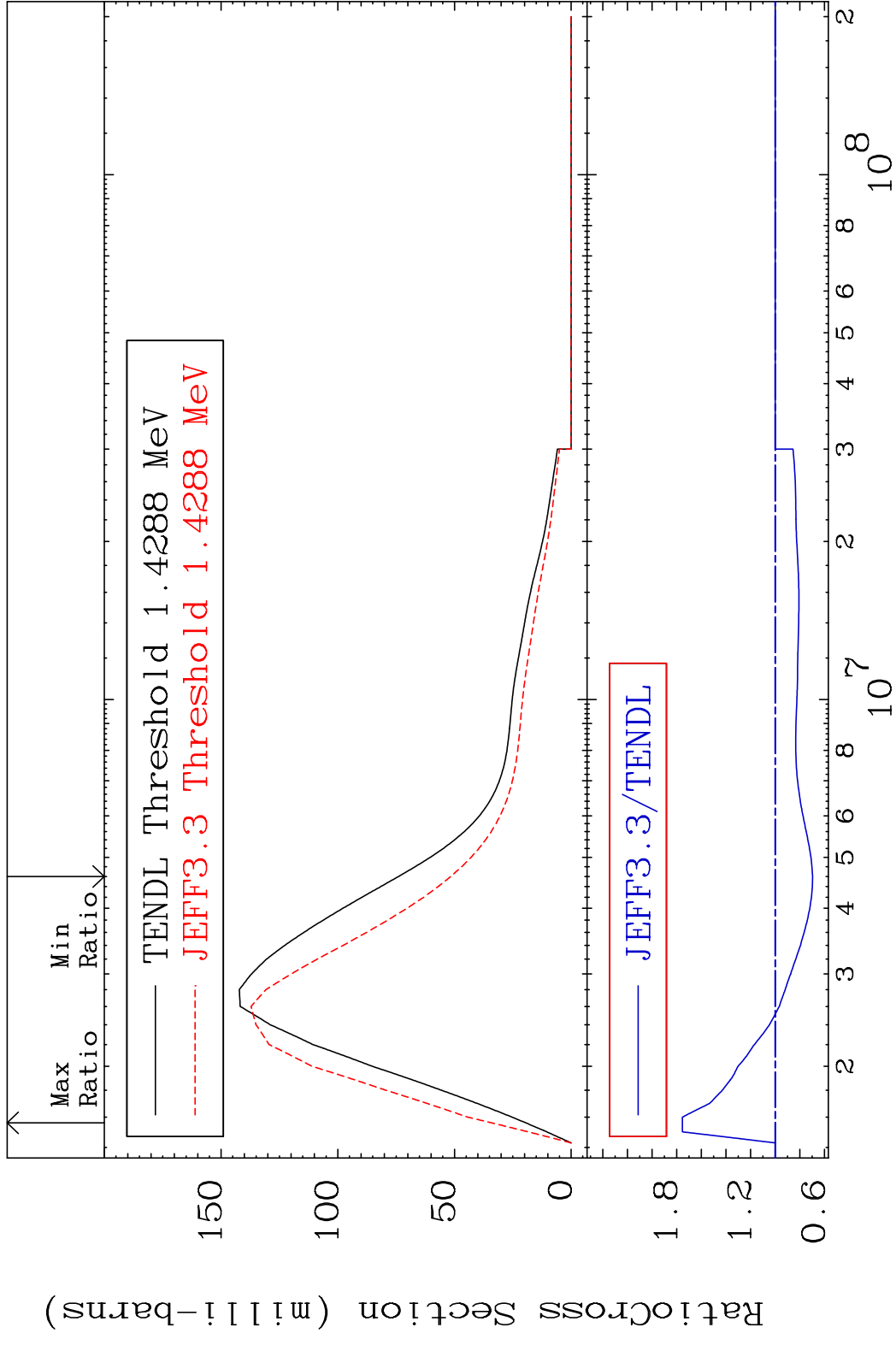
MAT 3243 MT= 51 (n,n') Level 32-Ge-76  
 Cross Section -23.10 To 80.50 %



MAT 3243 MT= 52 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 76.31 %

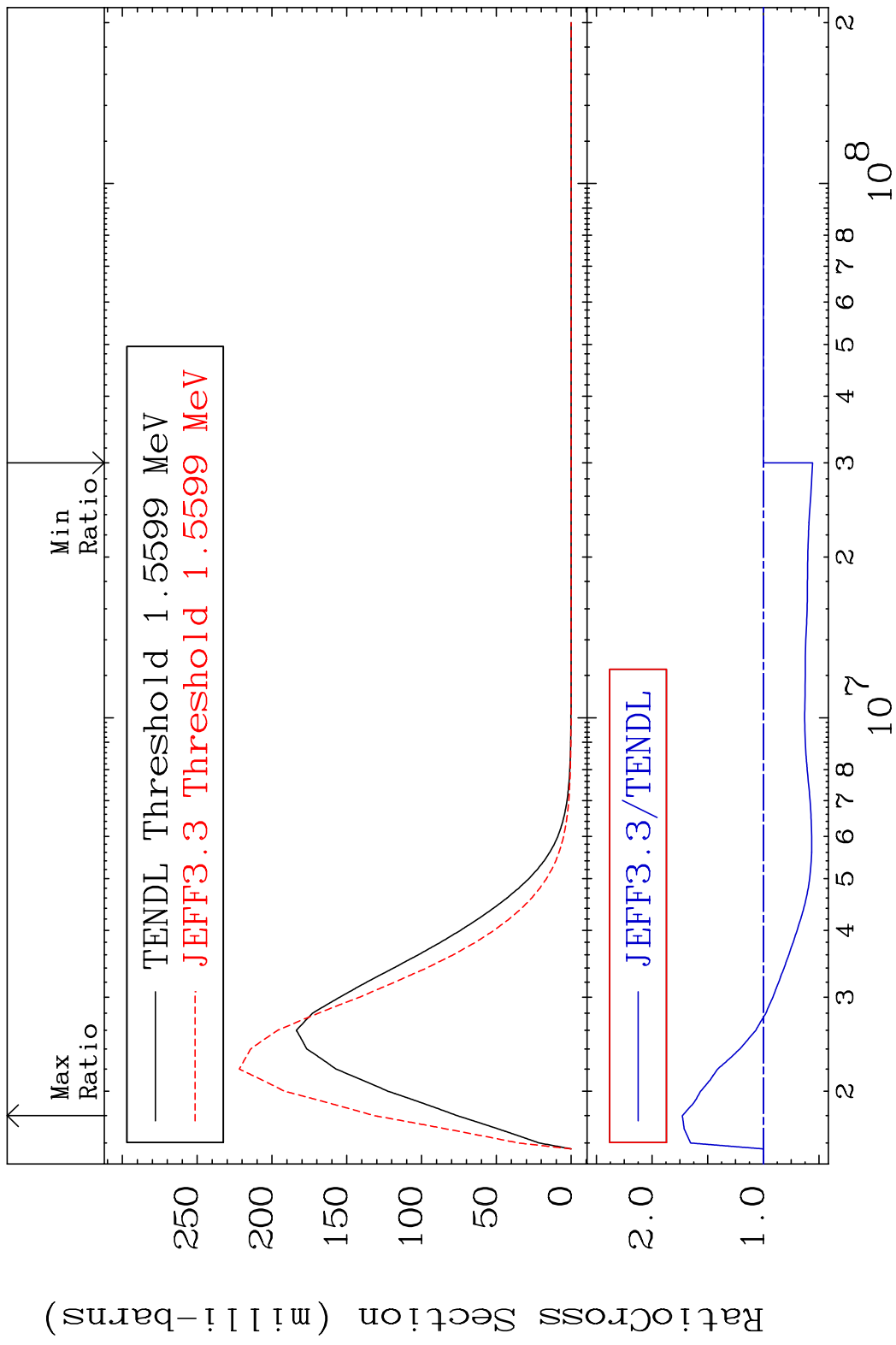


MAT 3243 MT= 53 (n, n') Level 32-Ge-76  
 Cross Section -30.28 To 75.40 %

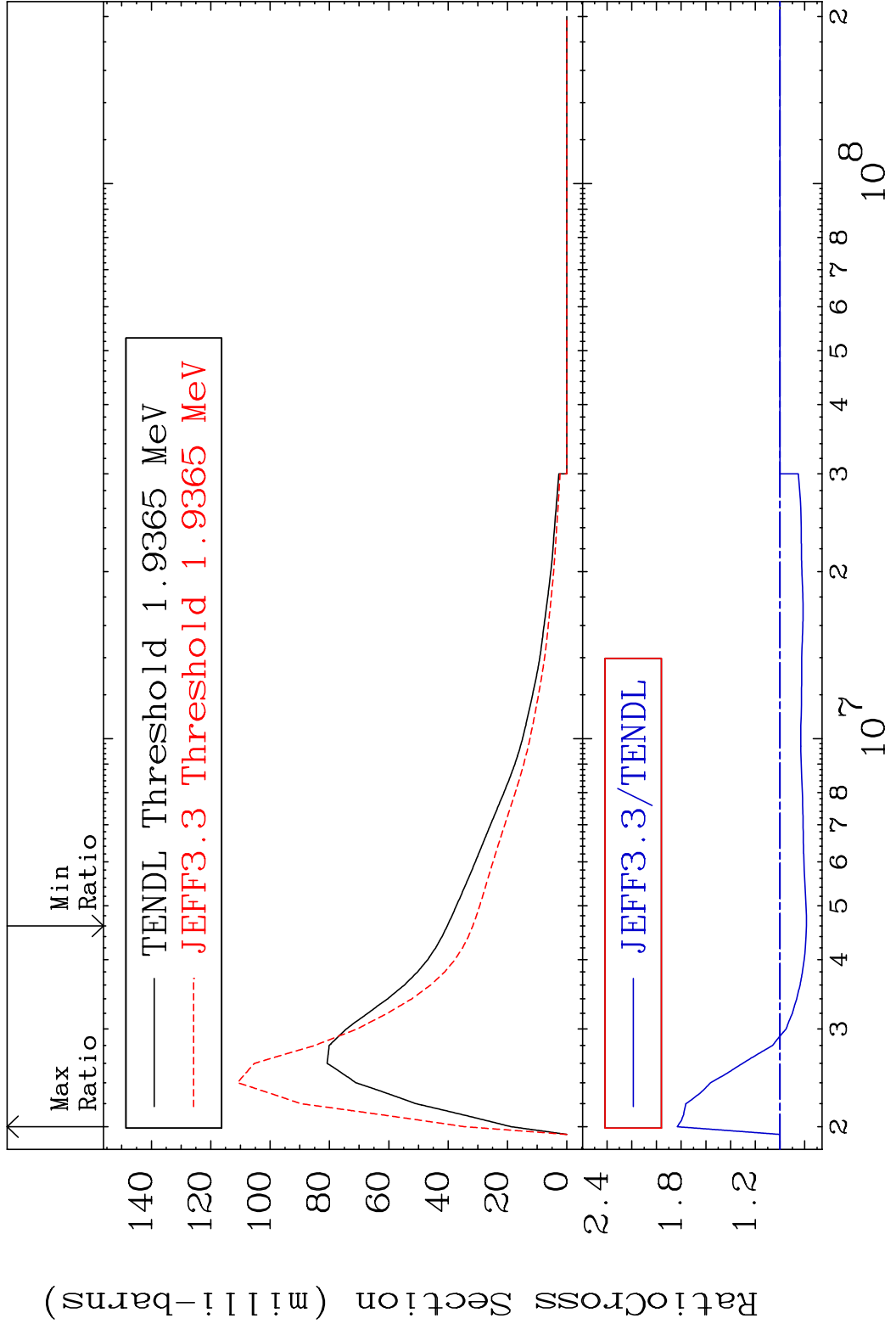




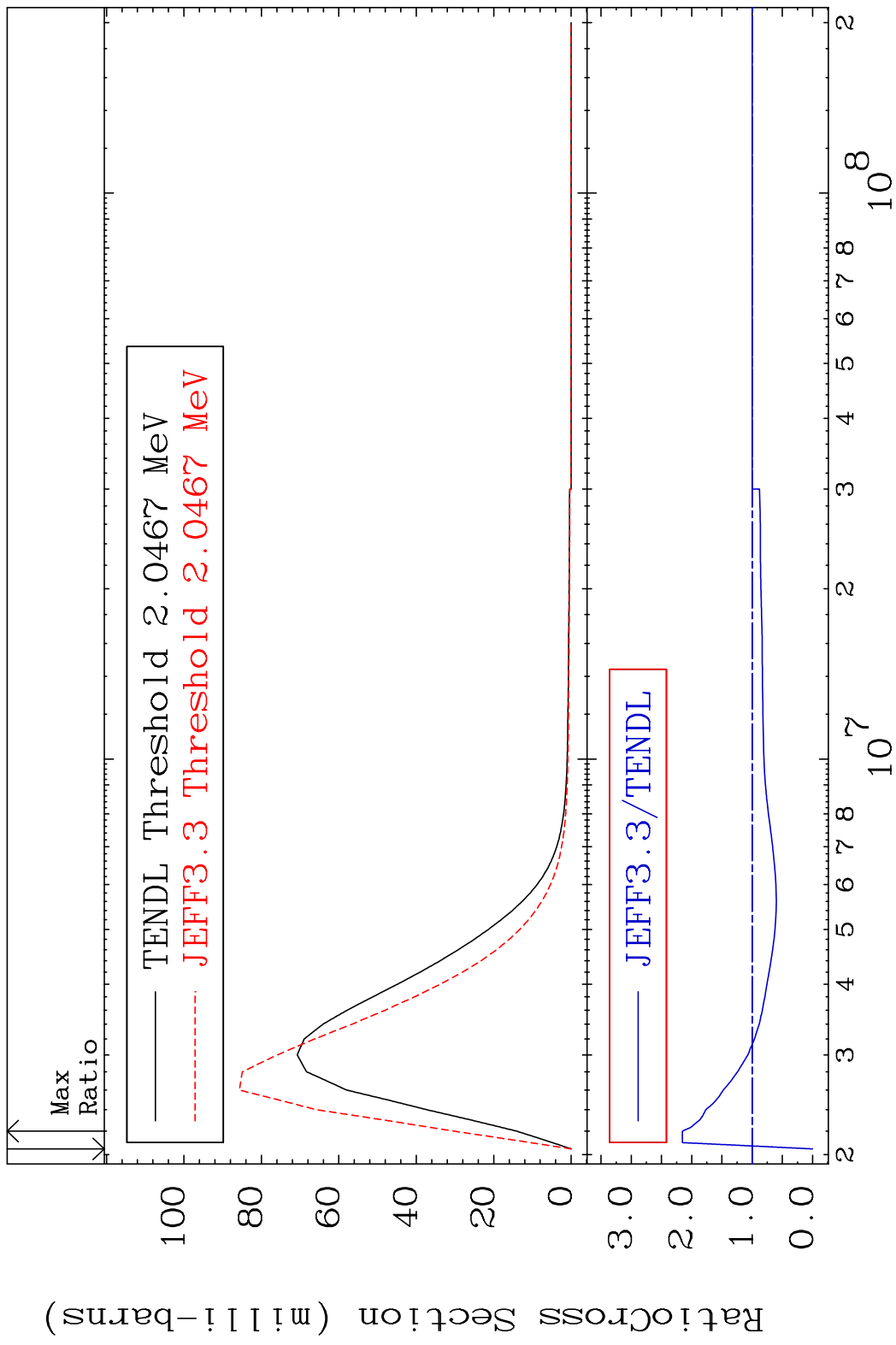
MAT 3243 MT= 54 (n, n') Level 32-Ge-76  
 Cross Section -44.13 To 72.82 %



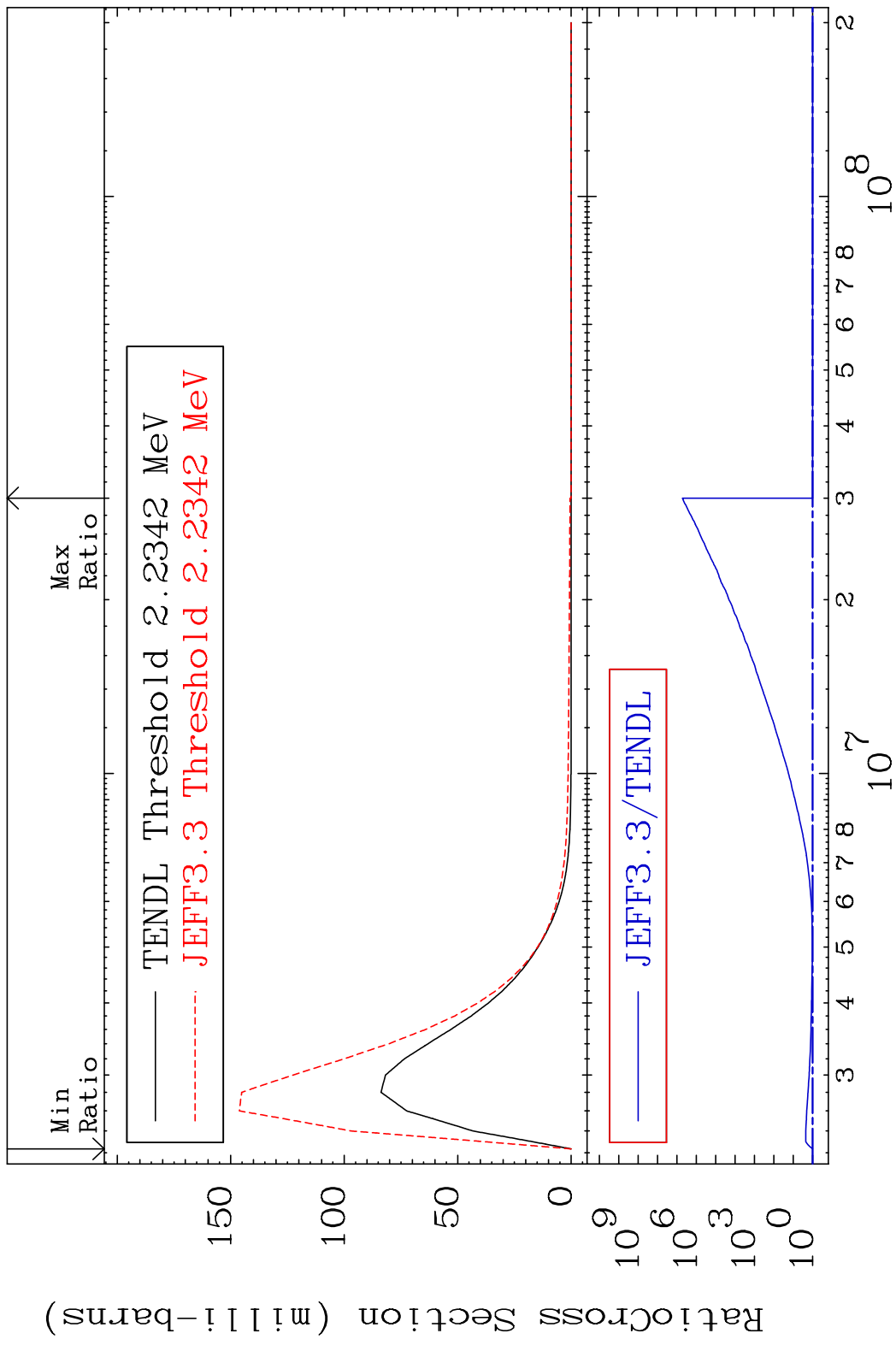
MAT 3243 MT= 55 (n,n') Level 32-Ge-76  
 Cross Section -21.34 To 83.21 %



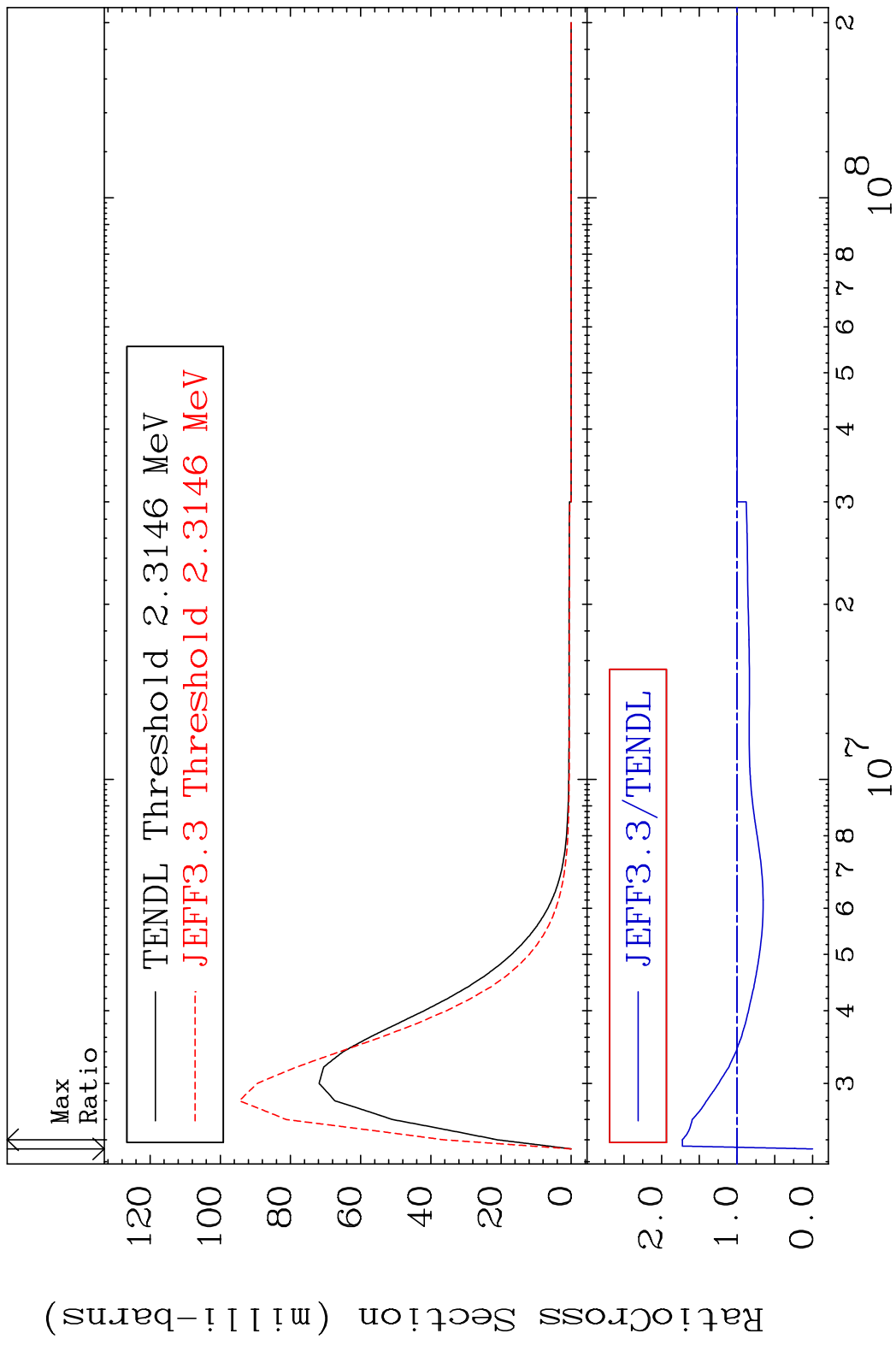
MAT 3243 MT= 56 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 115.5 %



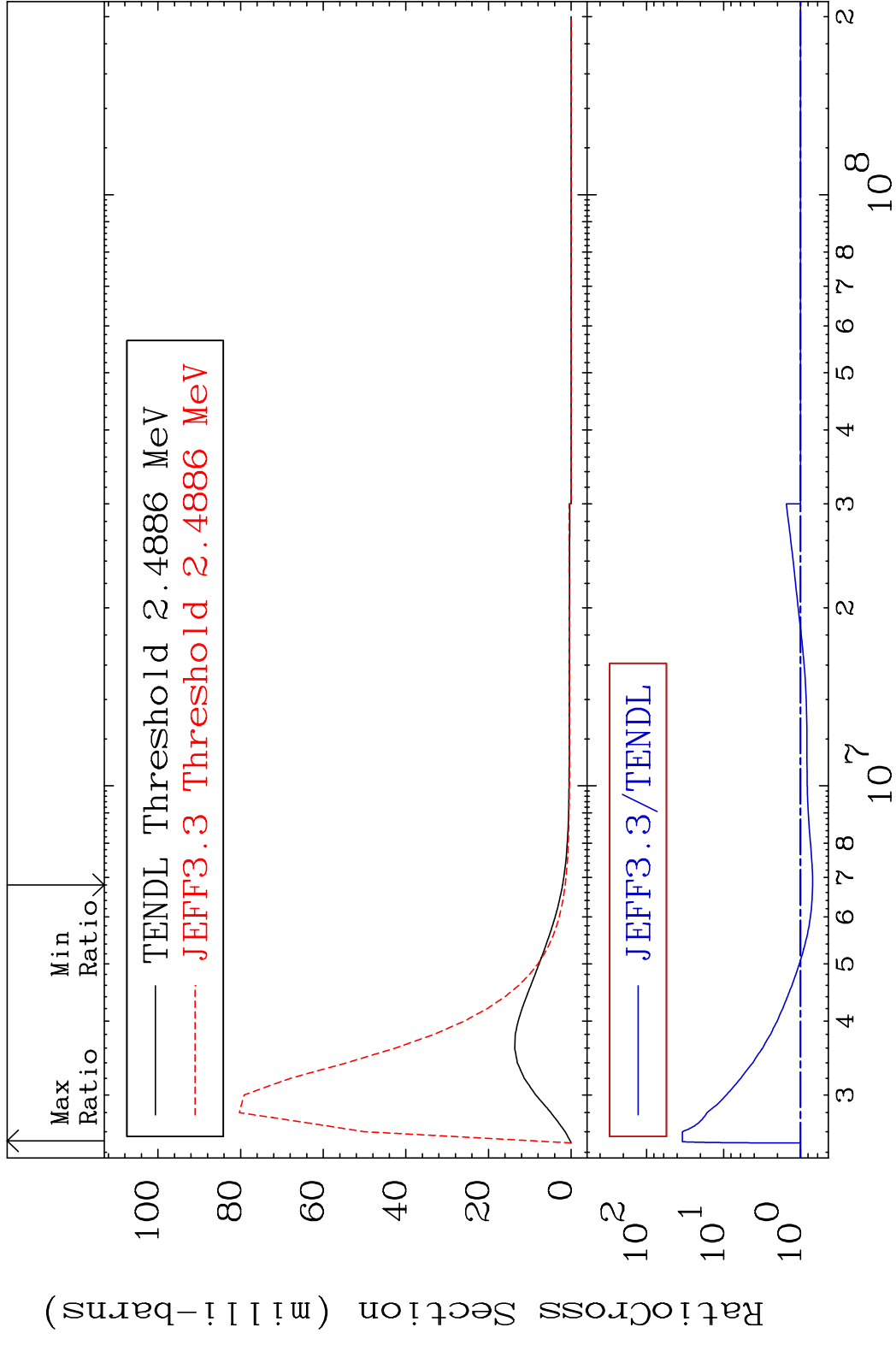
MAT 3243 MT= 57 (n, n') Level 32-Ge-76  
 Cross Section 0.000 To 9999. %



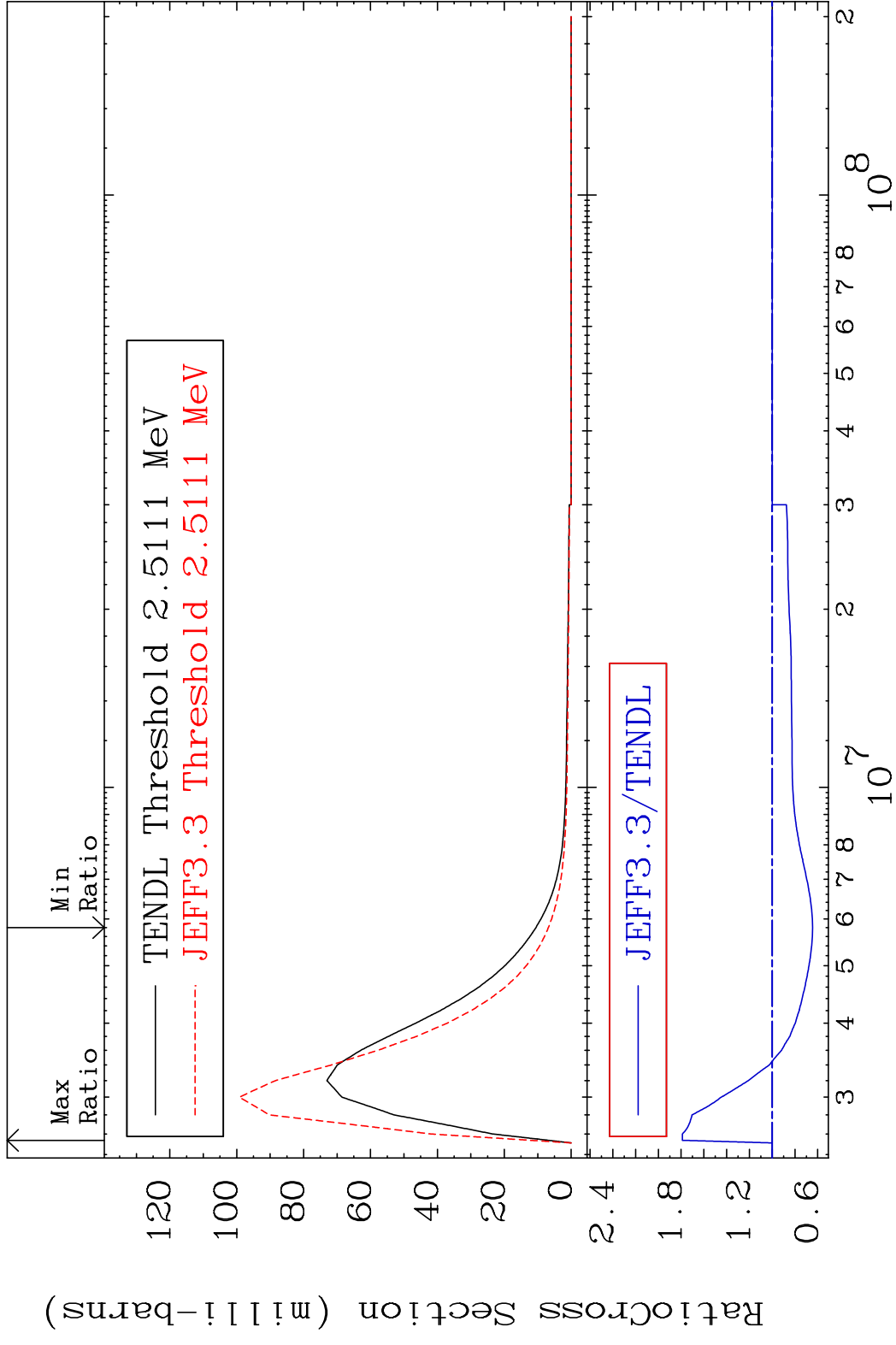
MAT 3243 MT= 58 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 72.54 %



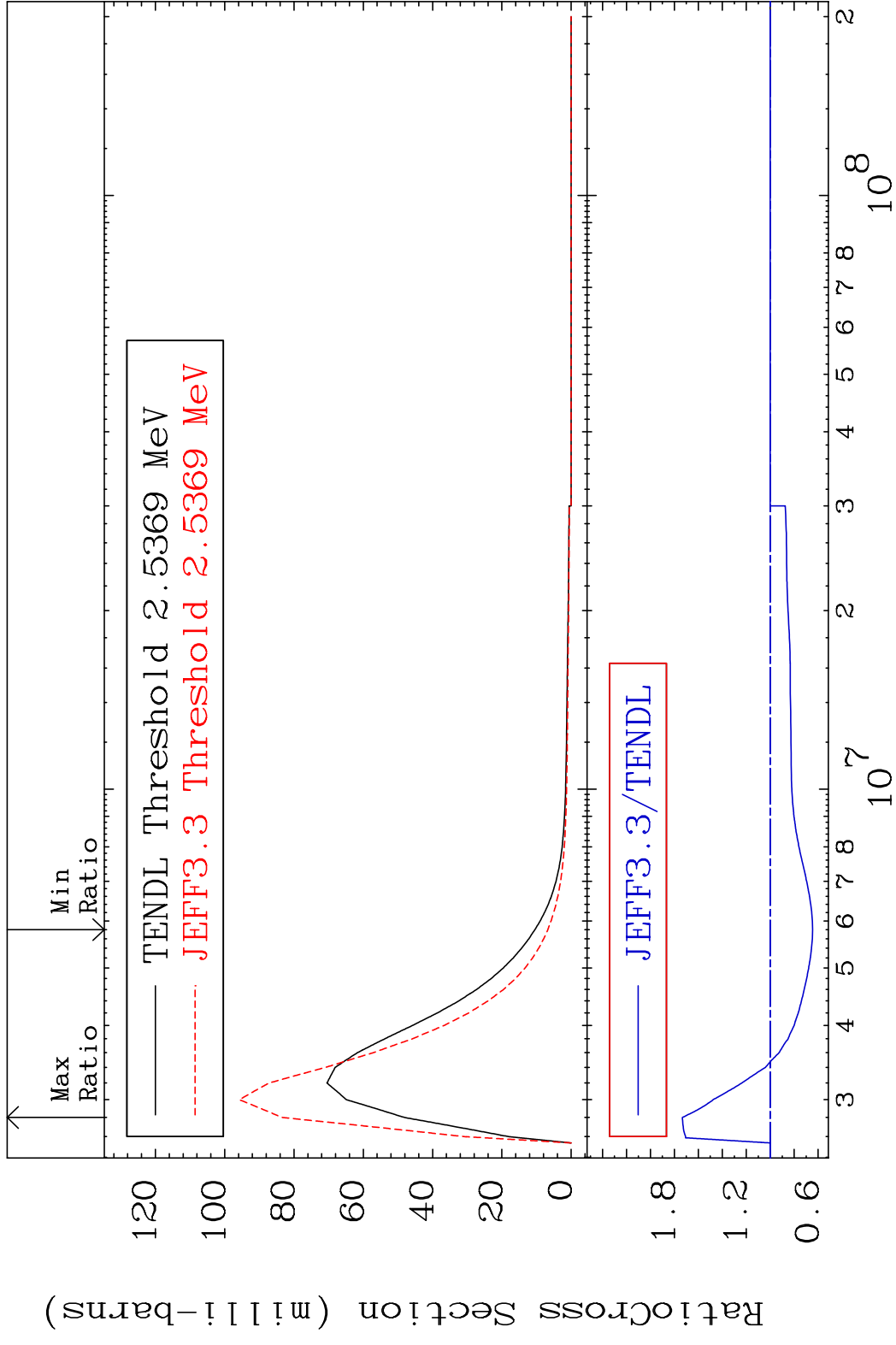
MAT 3243 MT= 59 (n,n') Level 32-Ge-76  
 Cross Section -30.00 To 3325. %



MAT 3243 MT= 60 (n,n') Level 32-Ge-76  
 Cross Section -35.45 To 78.92 %

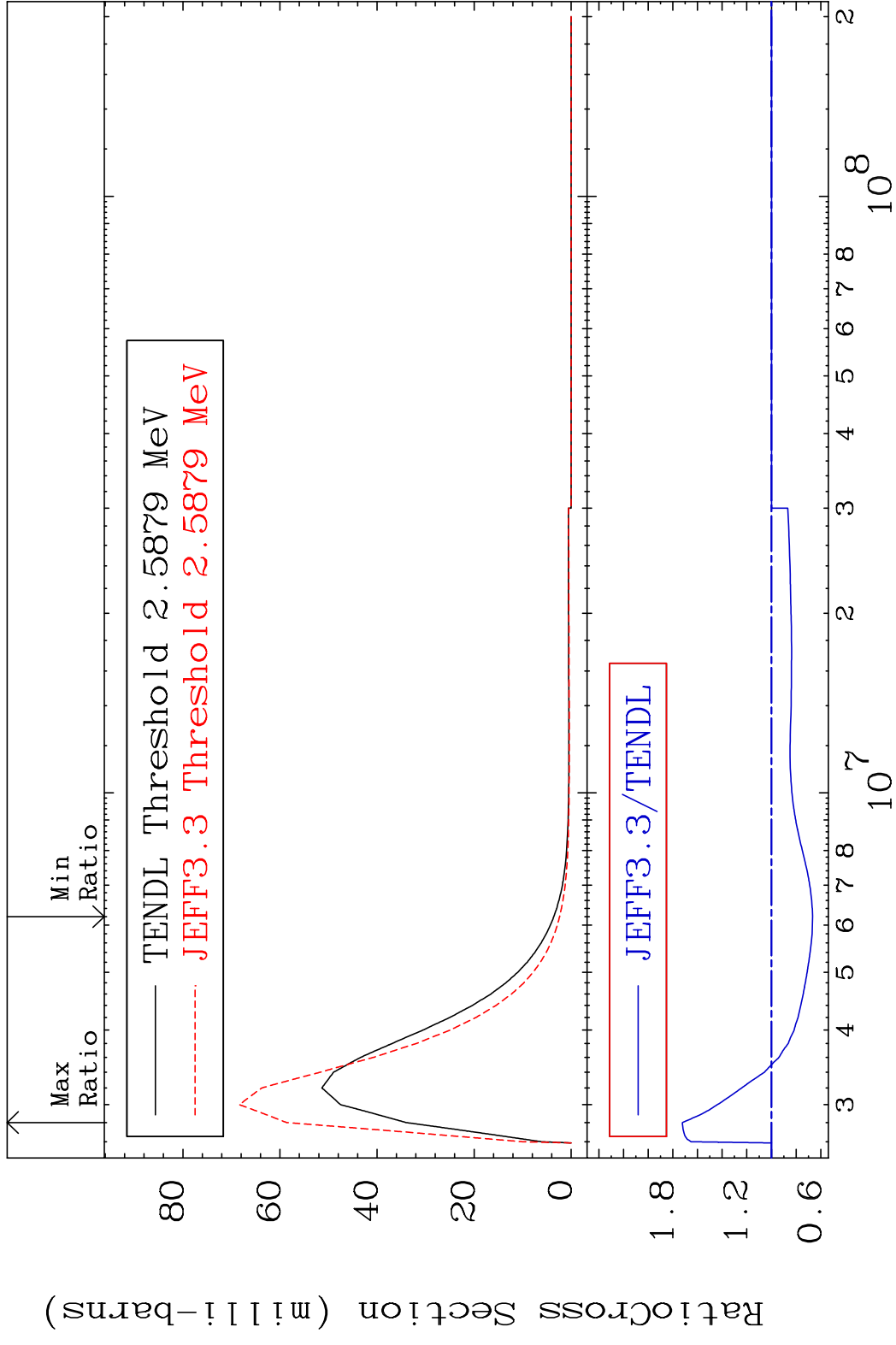


MAT 3243 MT= 61 (n,n') Level 32-Ge-76  
 Cross Section -35.32 To 73.34 %

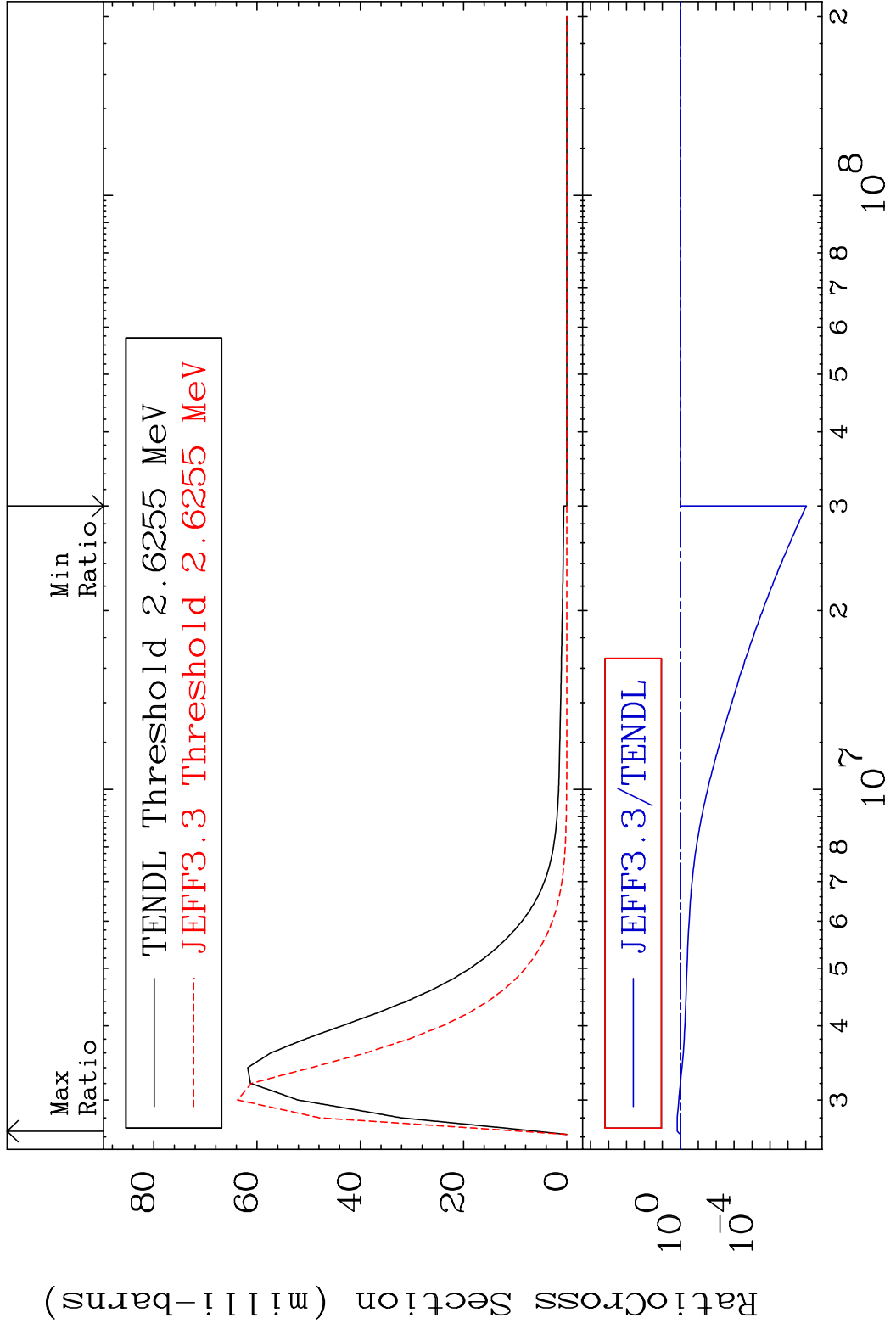




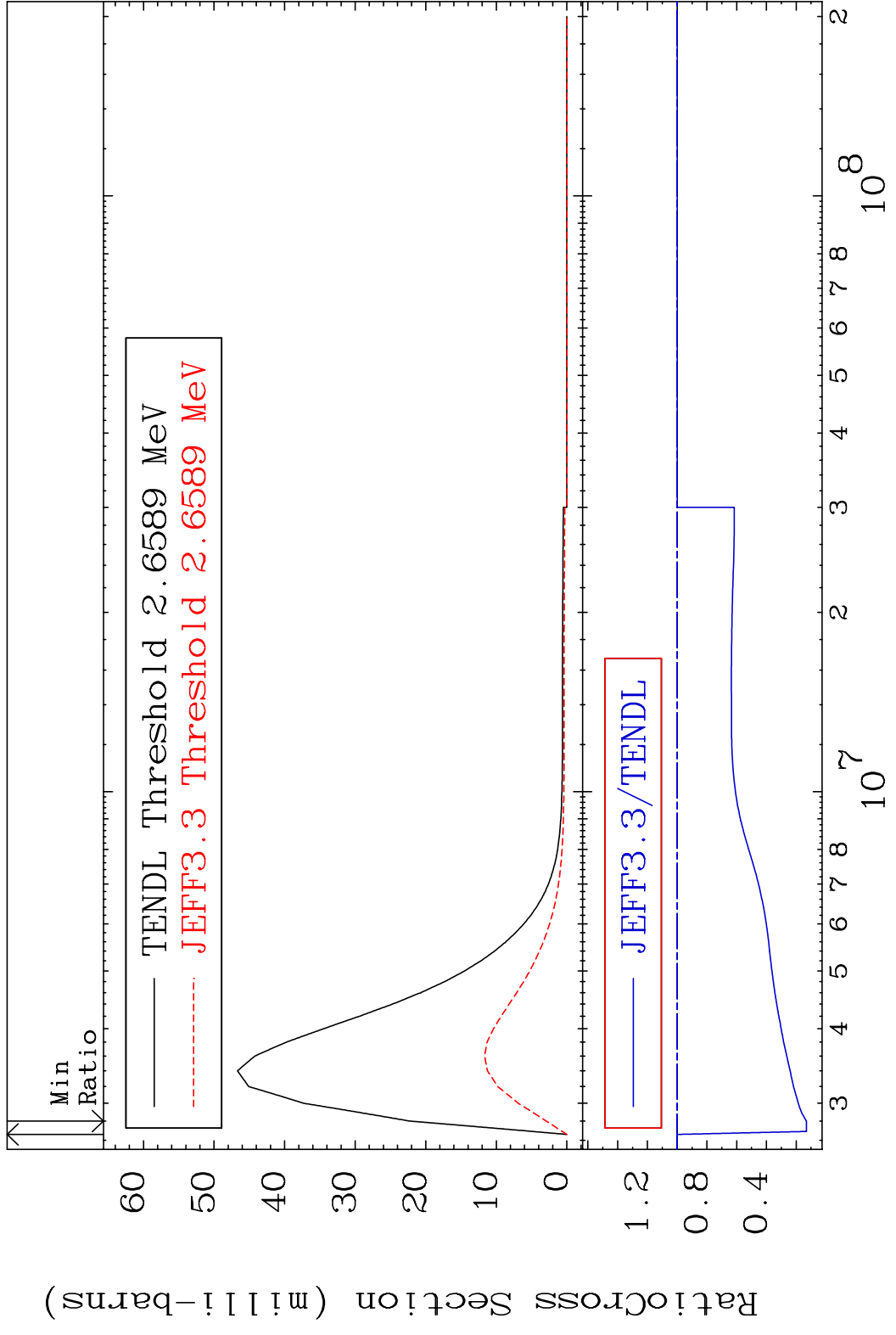
MAT 3243 MT= 62 (n, n') Level 32-Ge-76  
 Cross Section -33.37 To 72.32 %



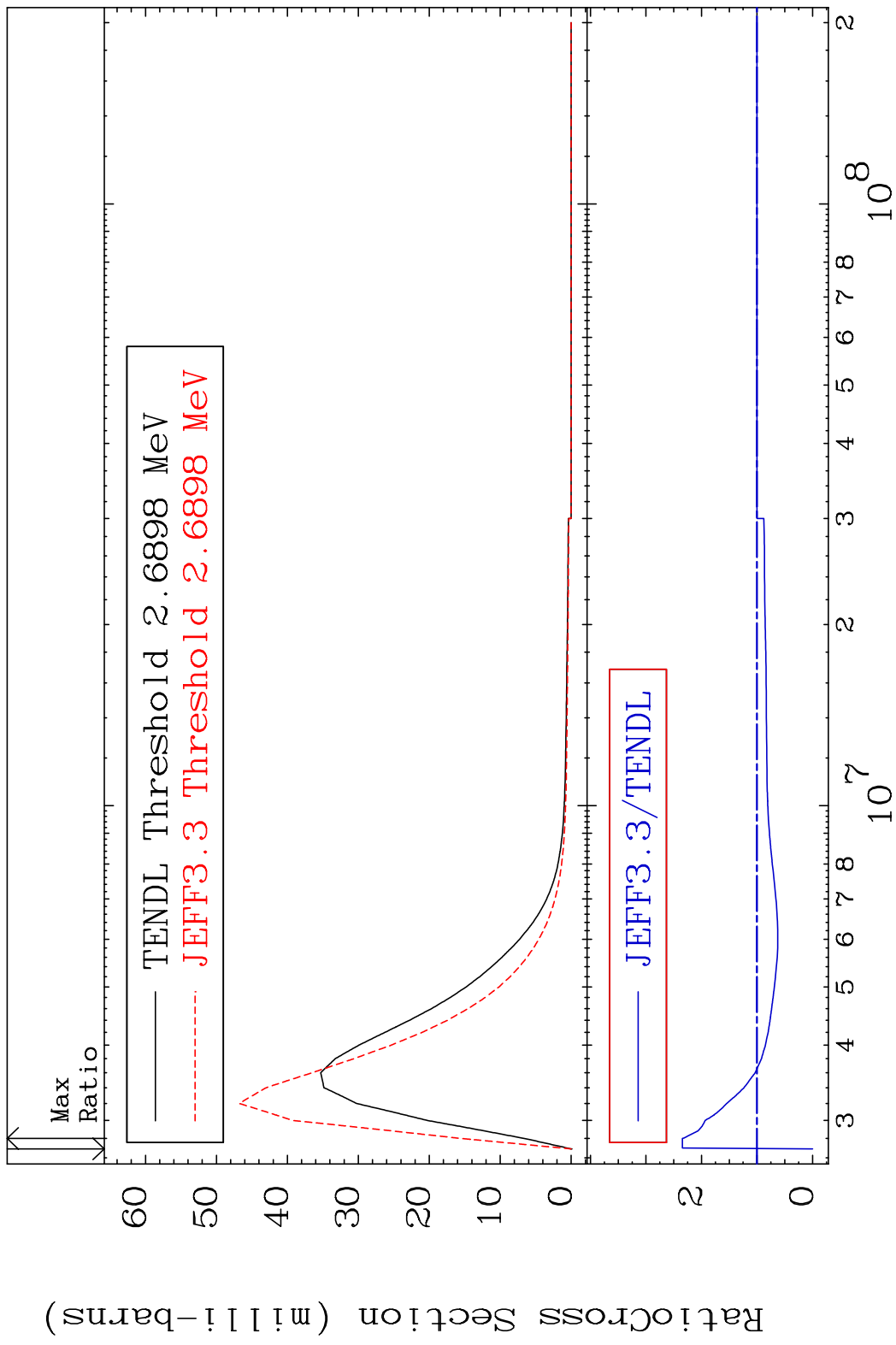
MAT 3243 MT= 63 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 49.25 %



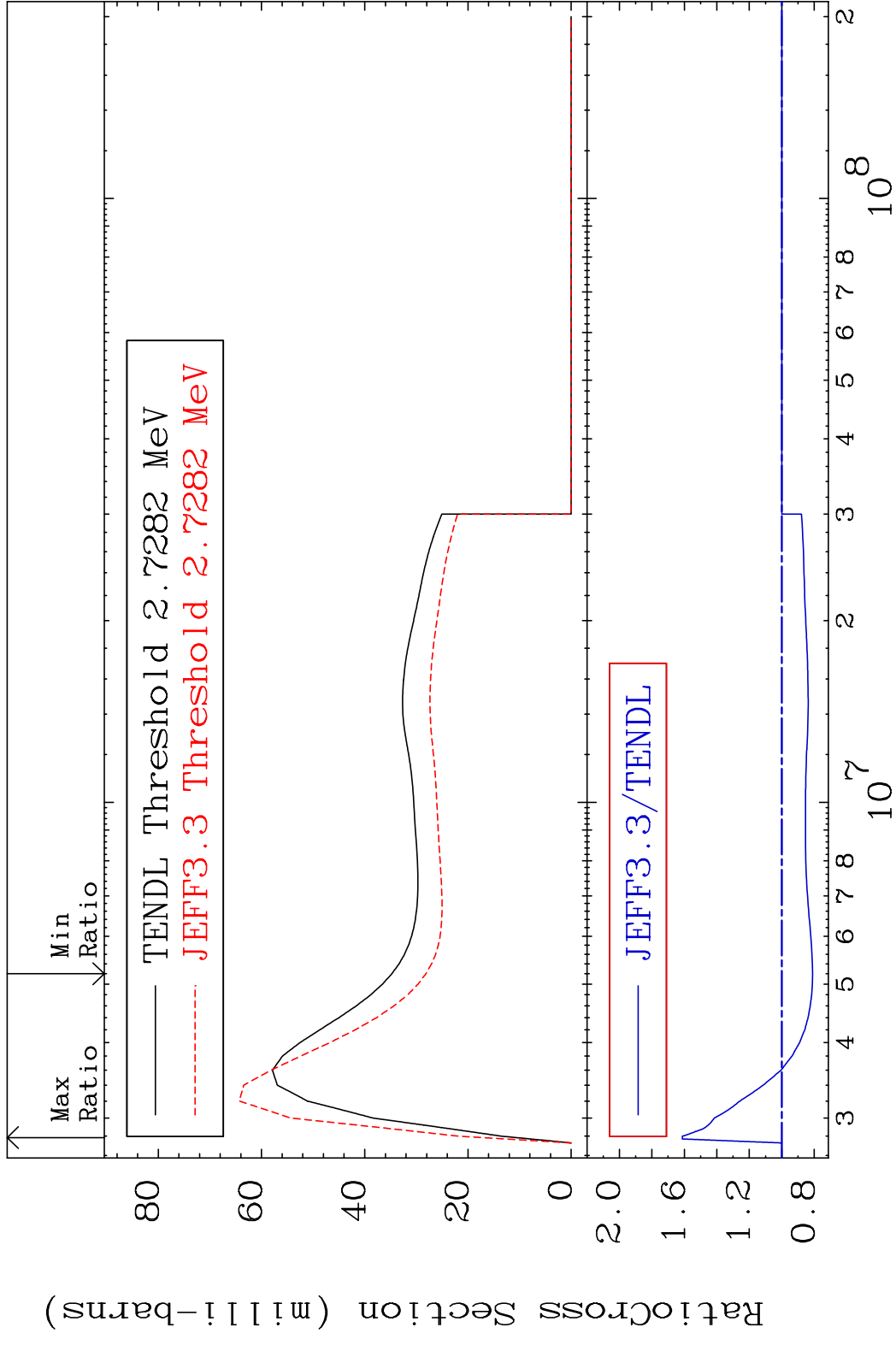
MAT 3243 MT= 64 (n, n') Level 32-Ge-76  
 Cross Section -86.86 To 0.000 %



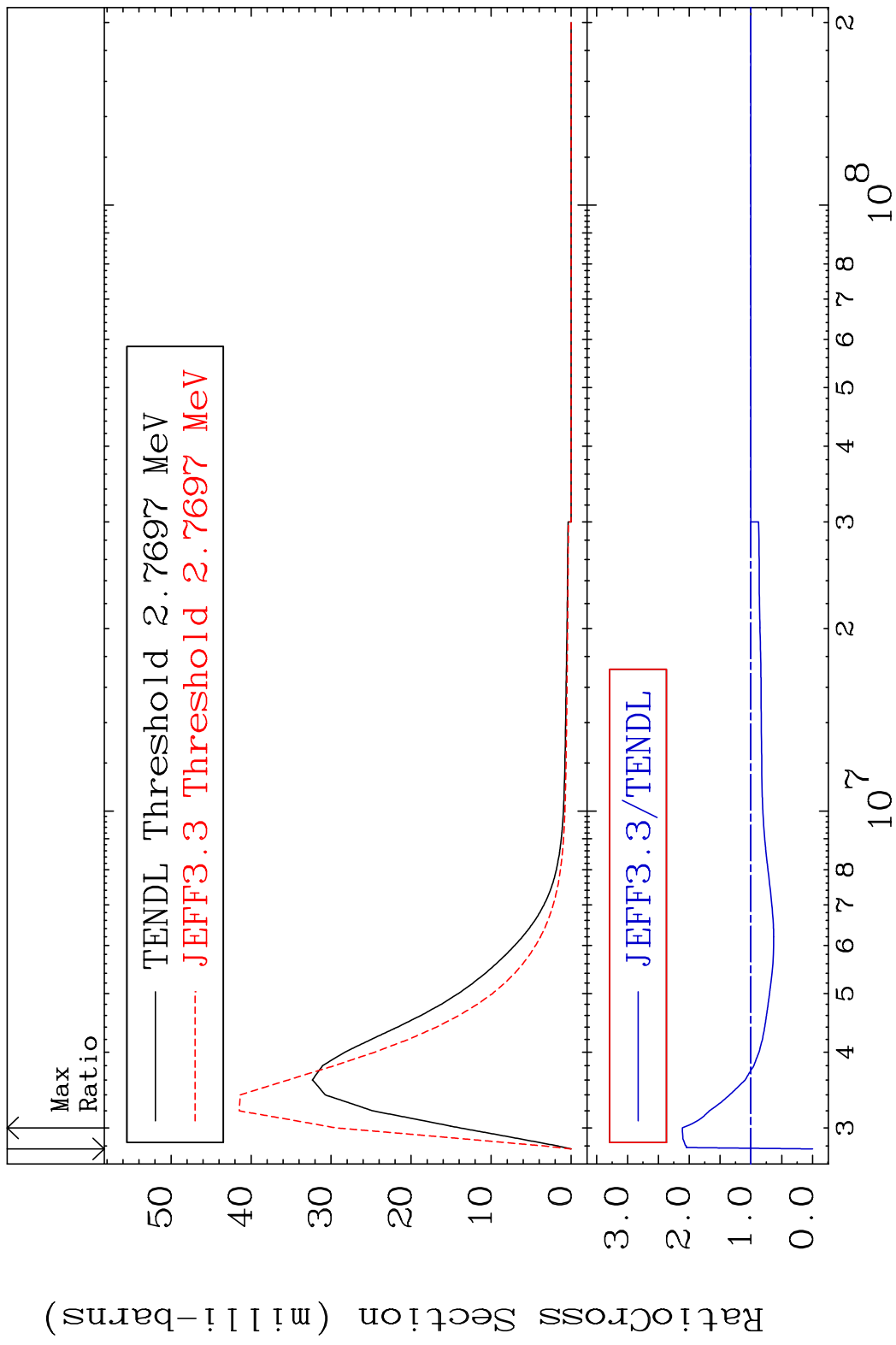
MAT 3243 MT= 65 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 134.5 %



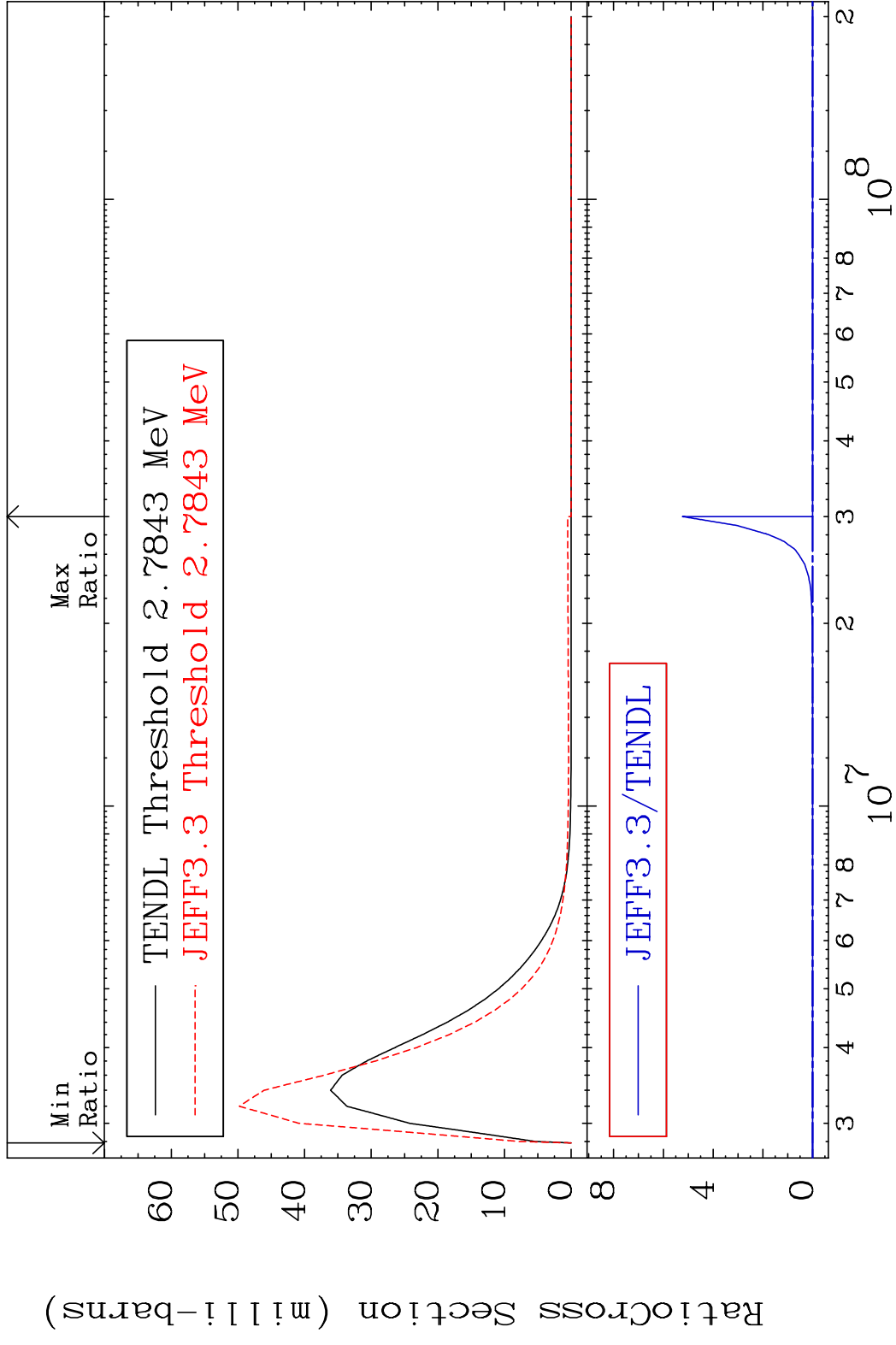
MAT 3243 MT= 66 (n,n') Level 32-Ge-76  
 Cross Section -18.96 To 61.24 %



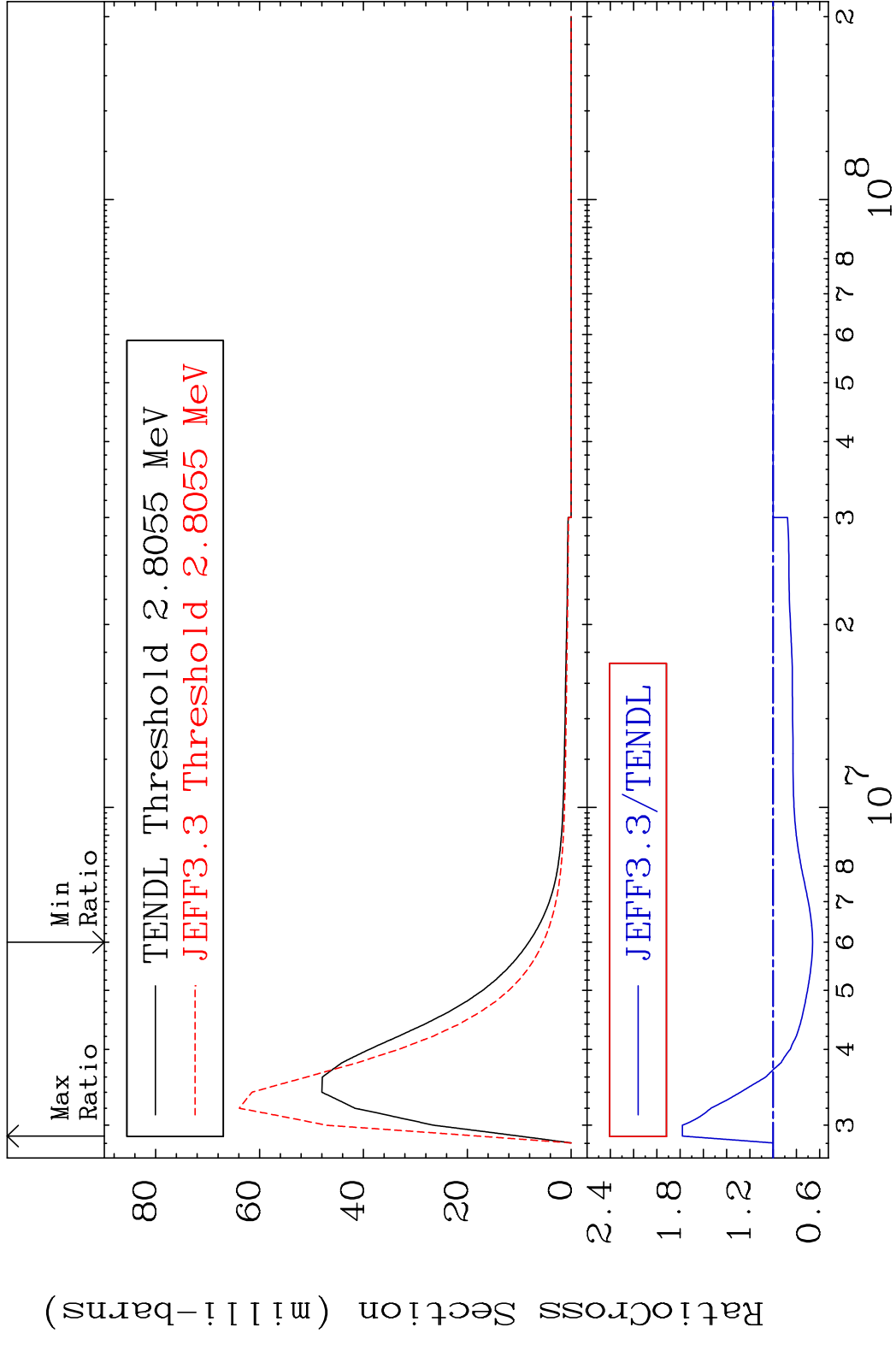
MAT 3243 MT= 67 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 111.2 %



MAT 3243 MT= 68 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 9999. %

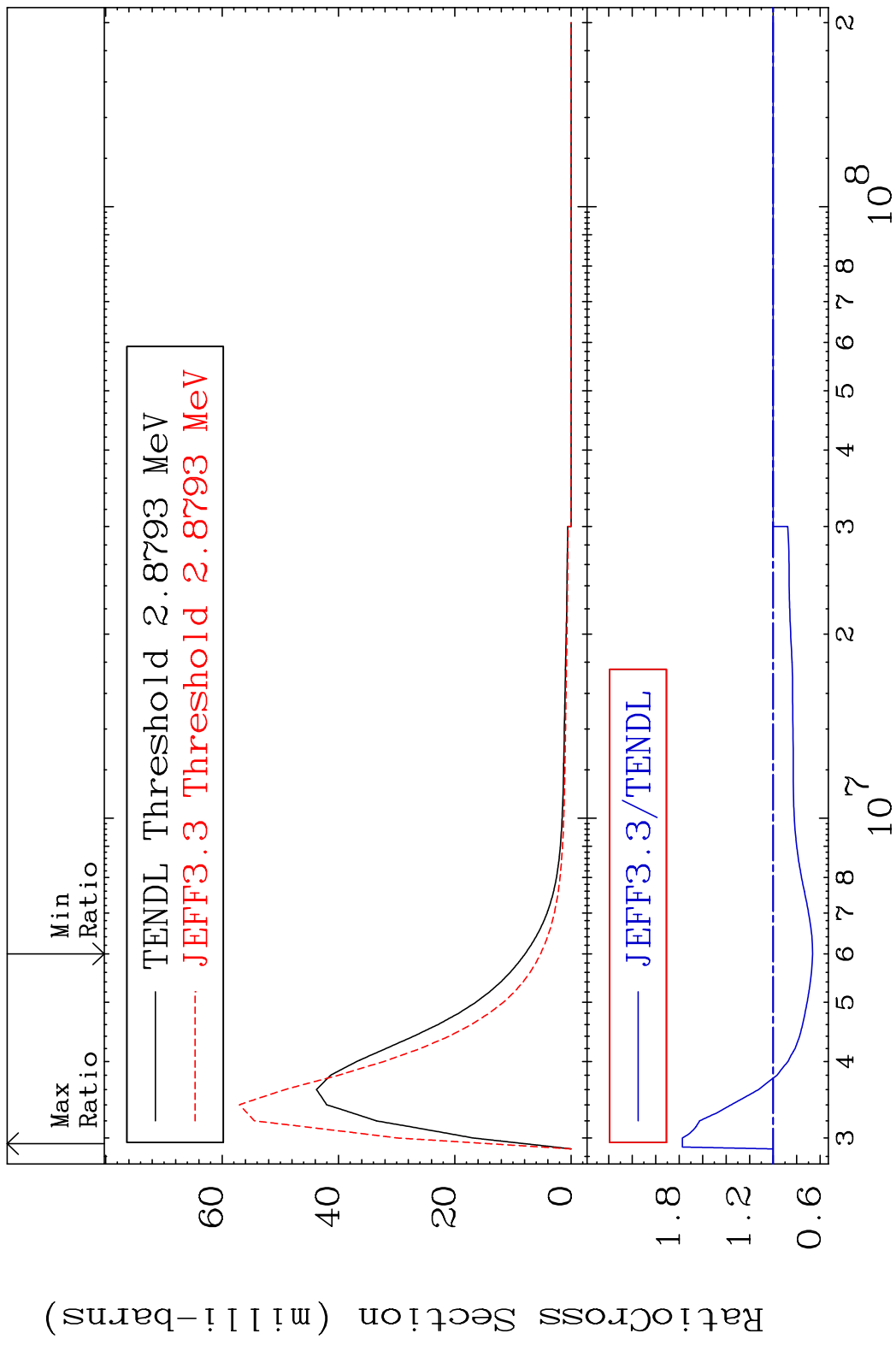


MAT 3243 MT= 69 (n,n') Level 32-Ge-76  
 Cross Section -33.93 To 77.99 %



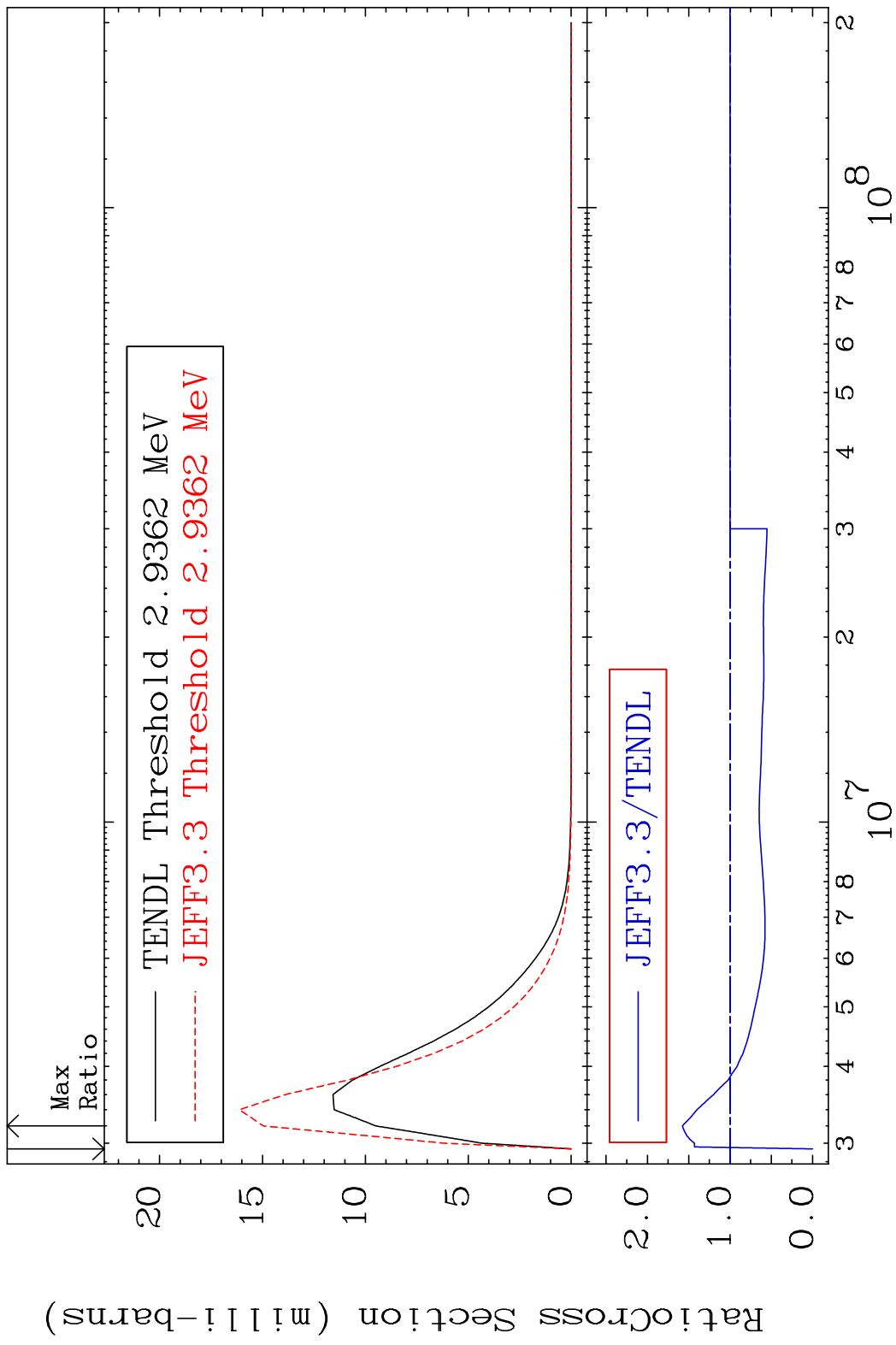


MAT 3243 MT= 70 (n, n') Level 32-Ge-76  
 Cross Section -33.53 To 77.28 %

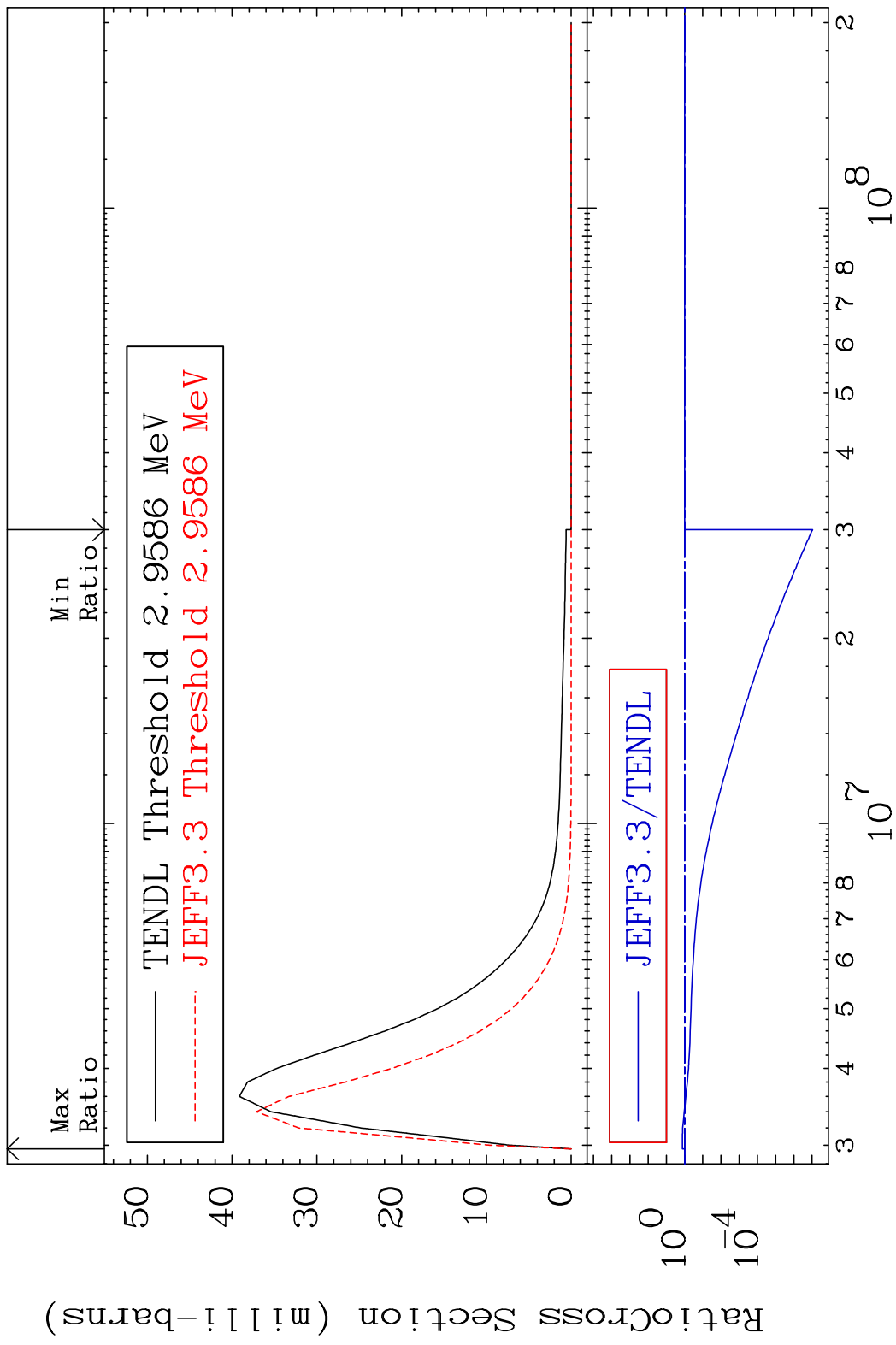


40 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 71 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 57.67 %

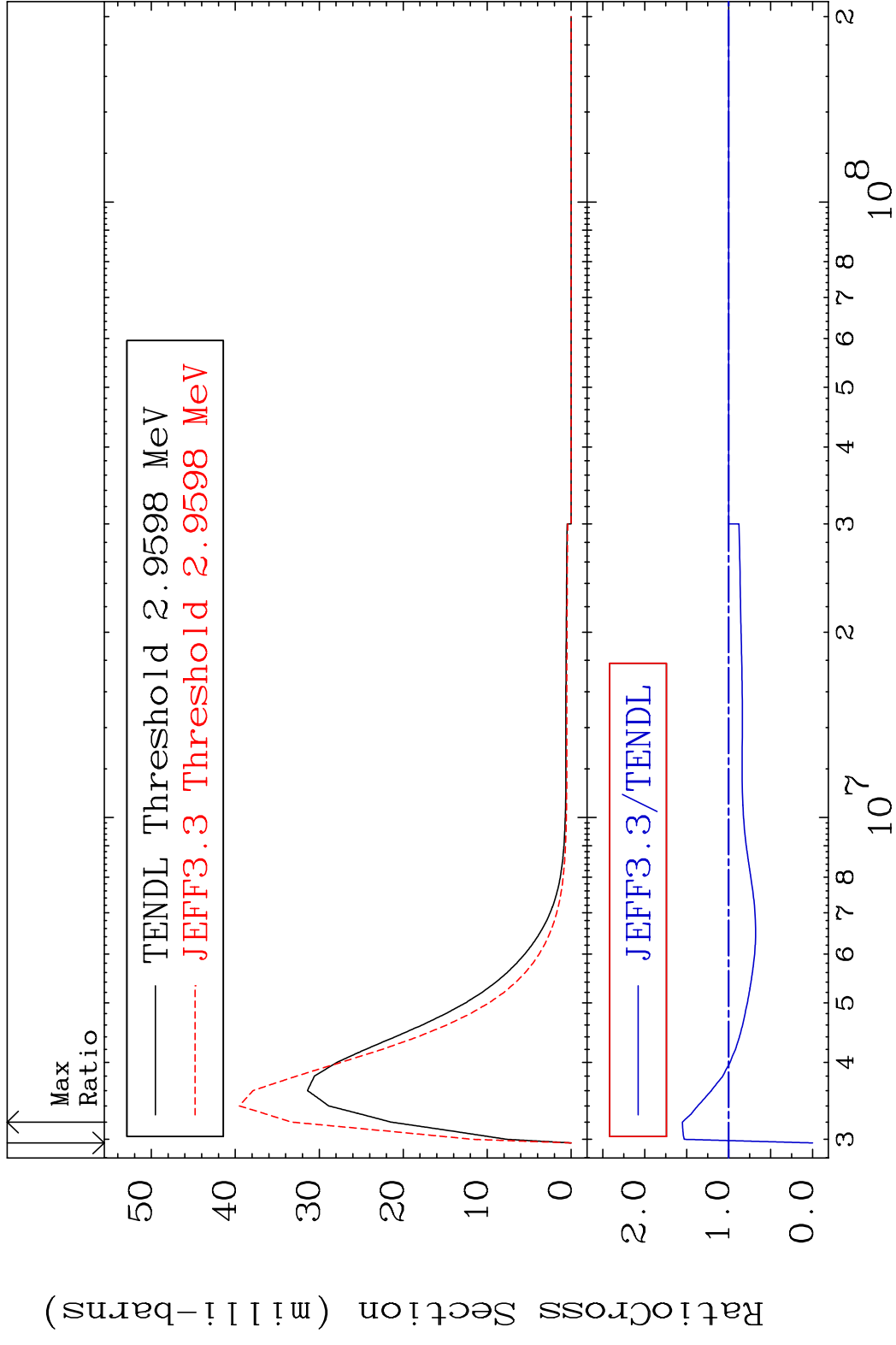


MAT 3243 MT= 72 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 32.37 %

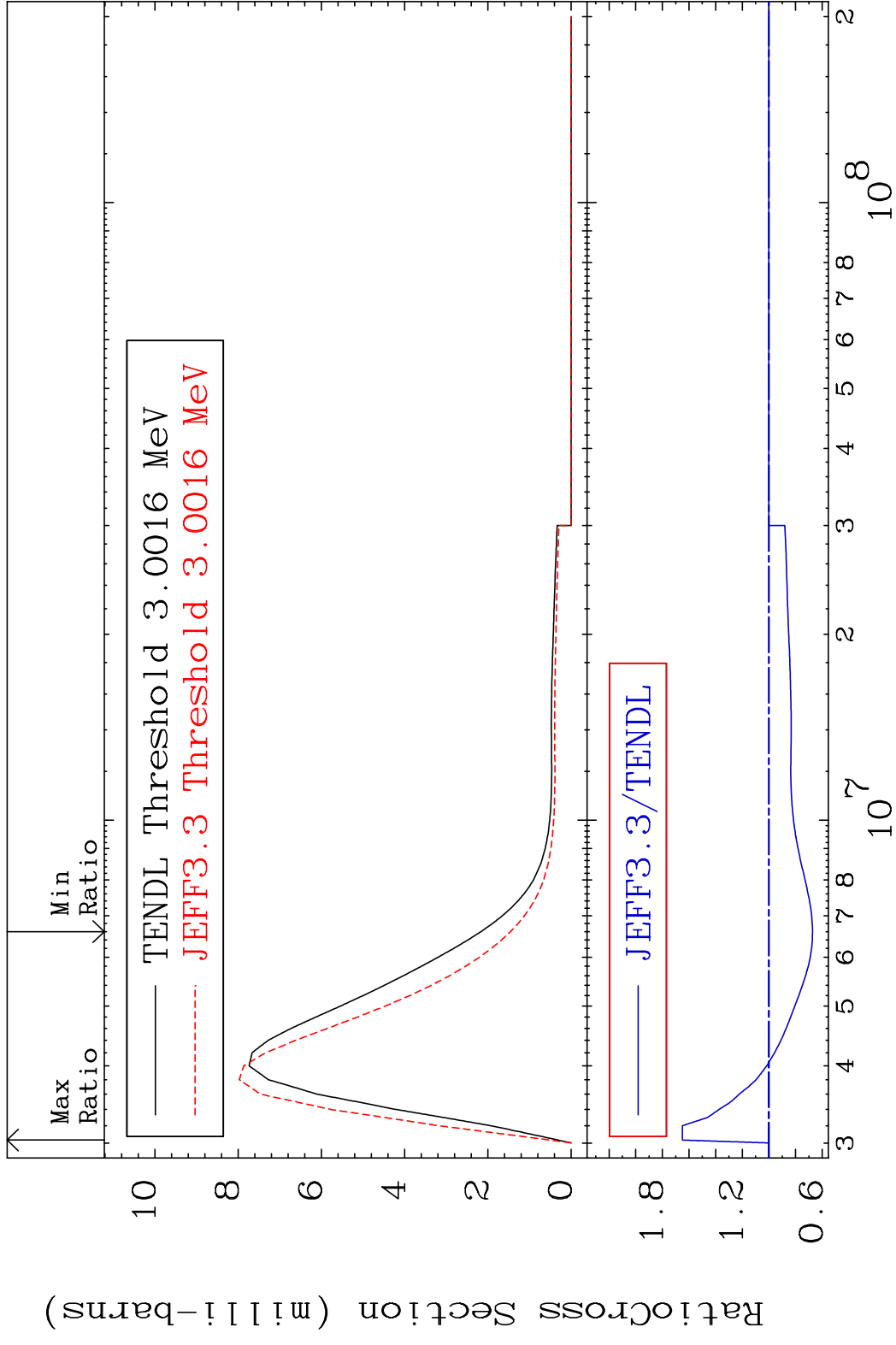


42 32-Ge-76

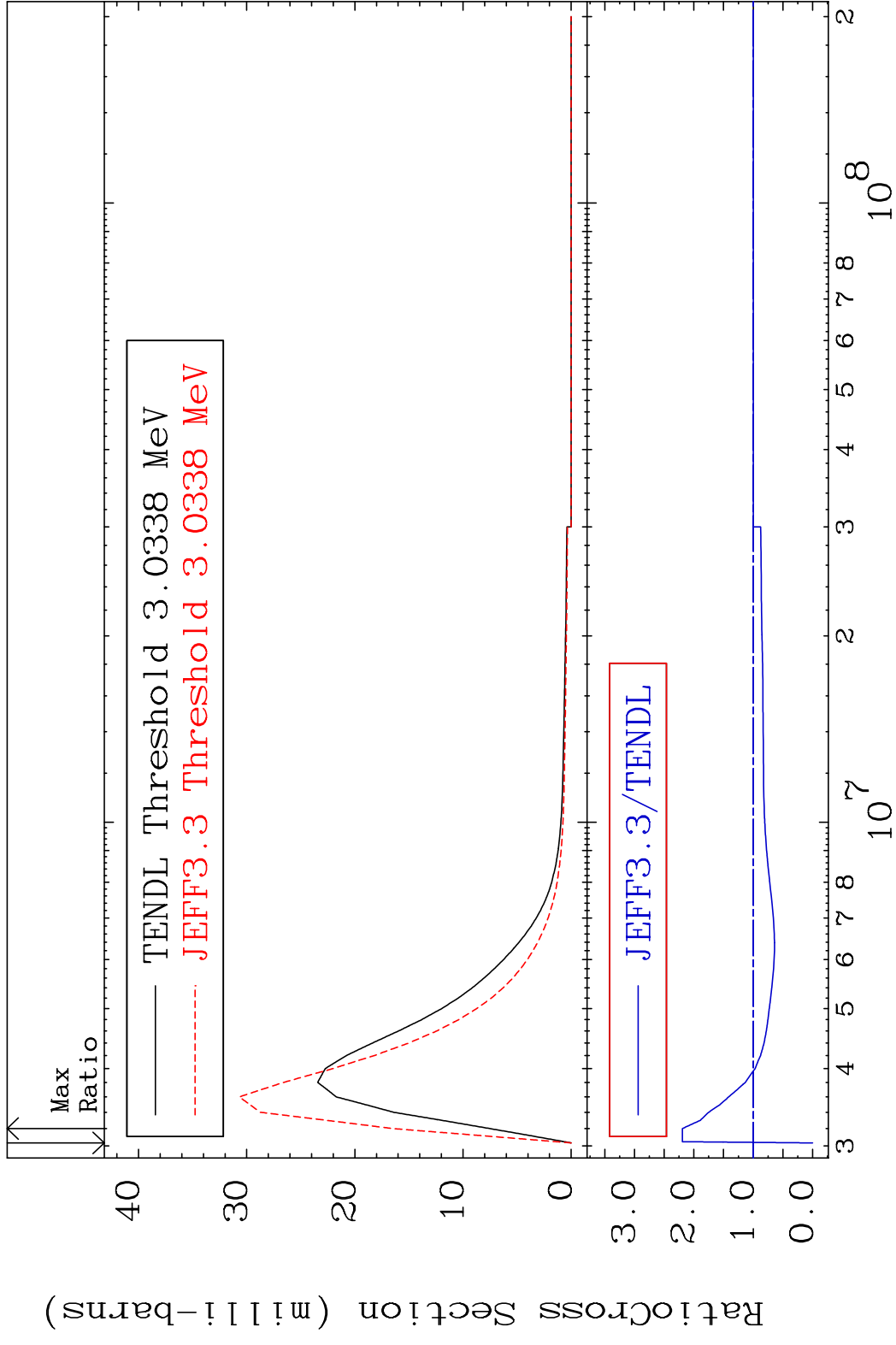
MAT 3243 MT= 73 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 55.14 %



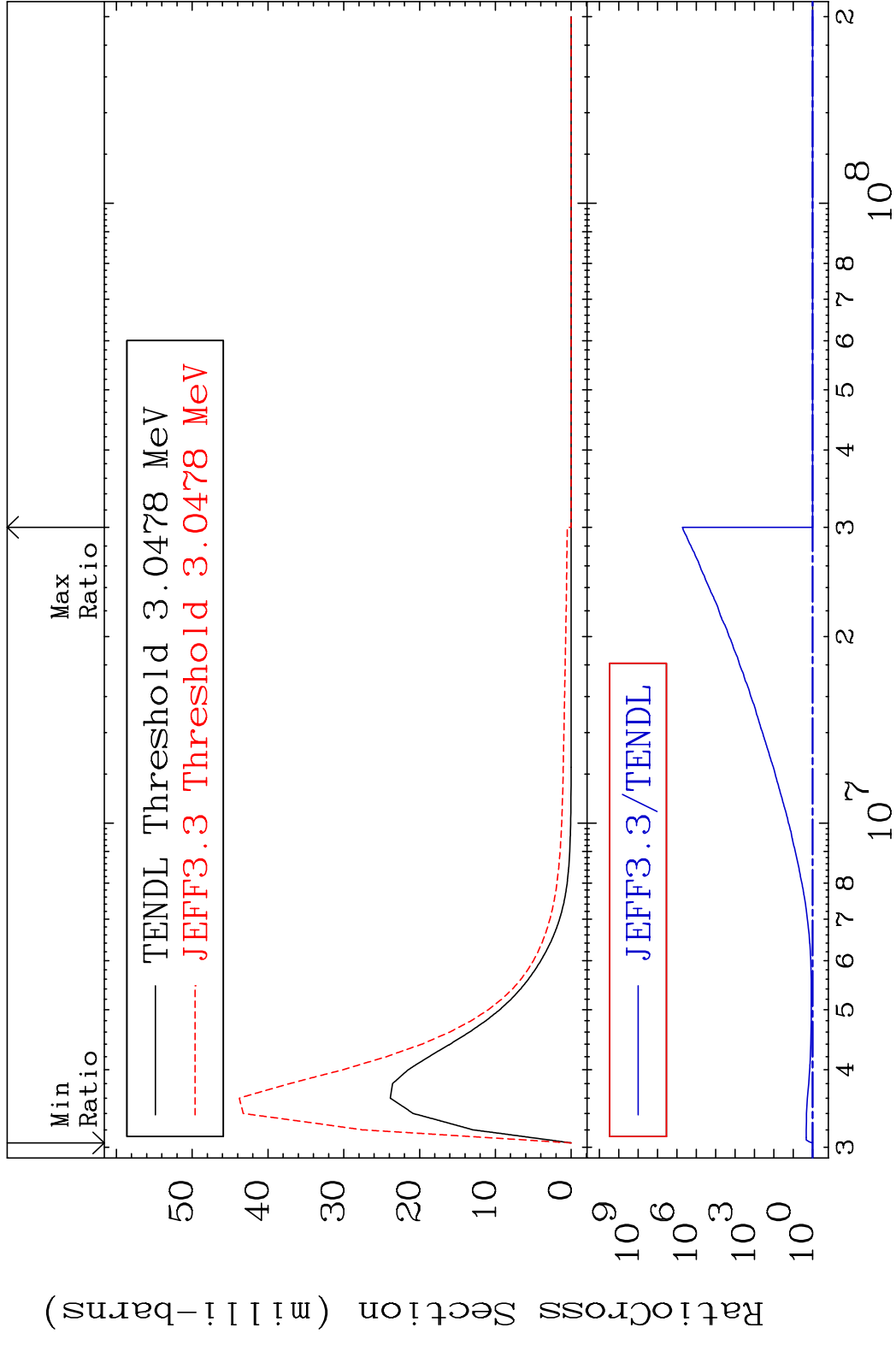
MAT 3243 MT= 74 (n,n') Level 32-Ge-76  
 Cross Section -32.76 To 64.99 %



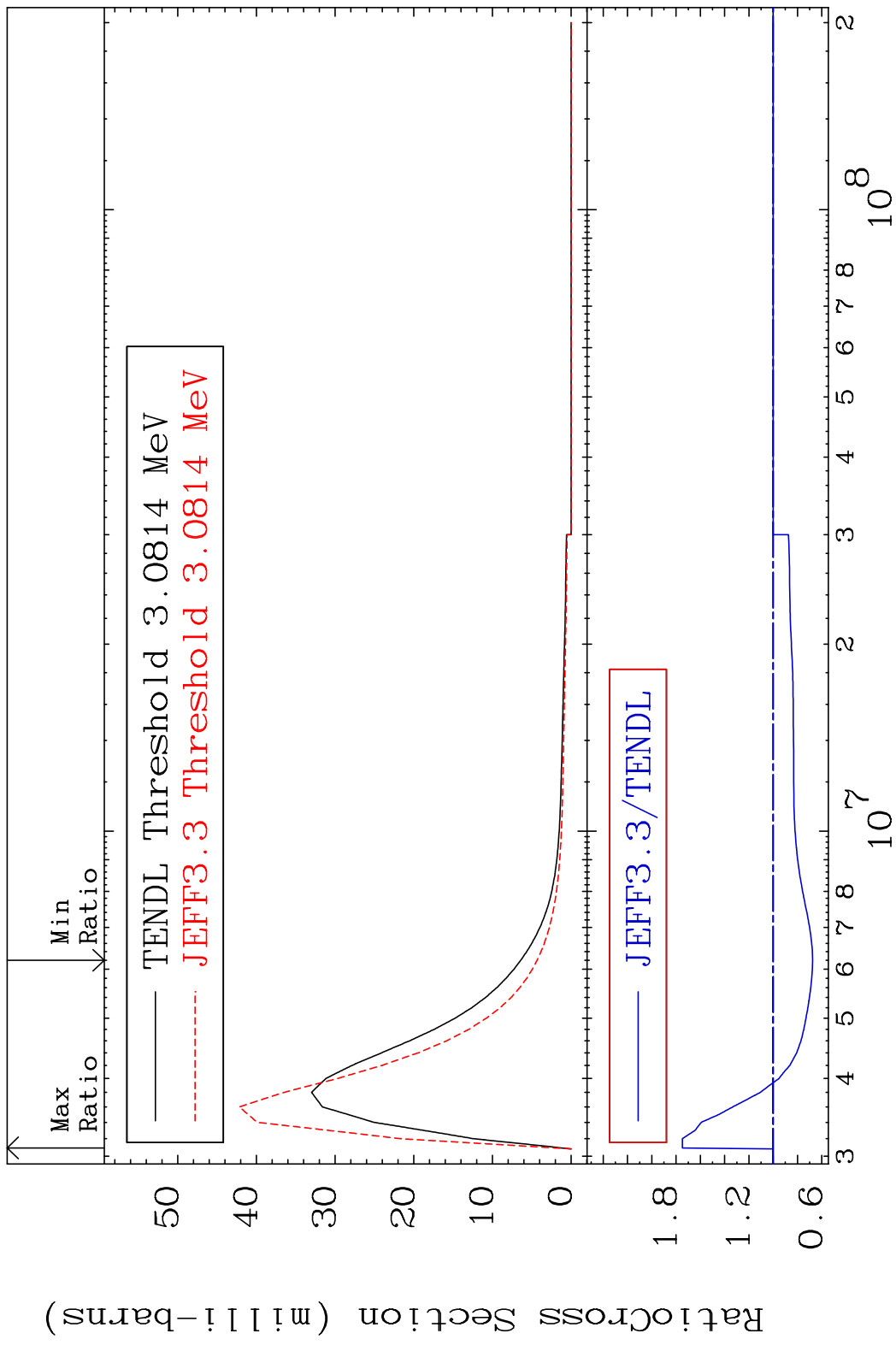
MAT 3243 MT= 75 (n, n') Level 32-Ge-76  
 Cross Section -100.0 To 119.4 %



MAT 3243 MT= 76 (n, n') Level 32-Ge-76  
 Cross Section 0.000 To 9999. %

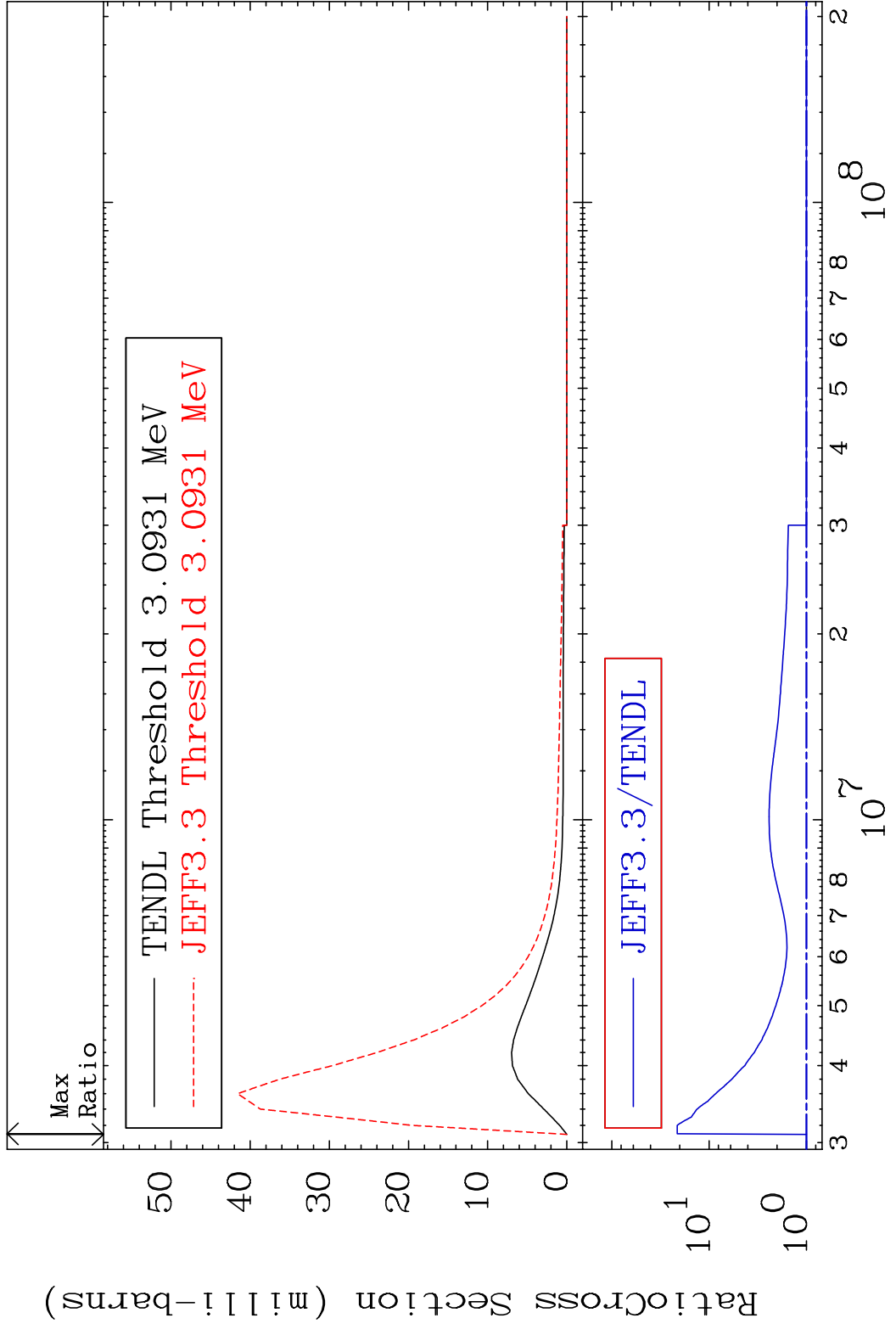


MAT 3243 MT= 77 (n,n') Level 32-Ge-76  
 Cross Section -32.42 To 74.84 %

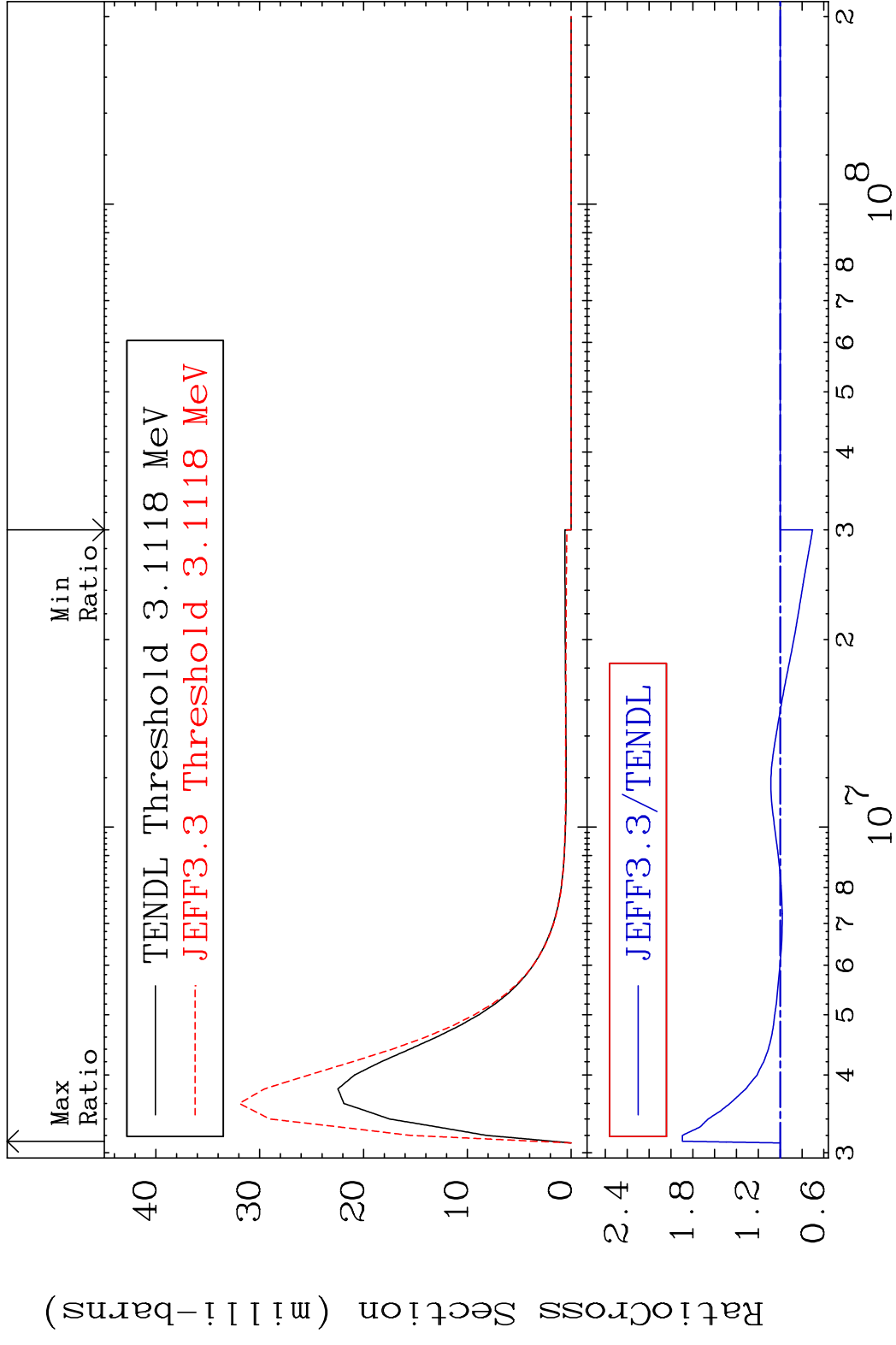




MAT 3243 MT= 78 (n,n') Level 32-Ge-76  
 Cross Section 0.000 To 2026. %



MAT 3243 MT= 79 (n, n') Level 32-Ge-76  
 Cross Section -29.66 To 89.53 %

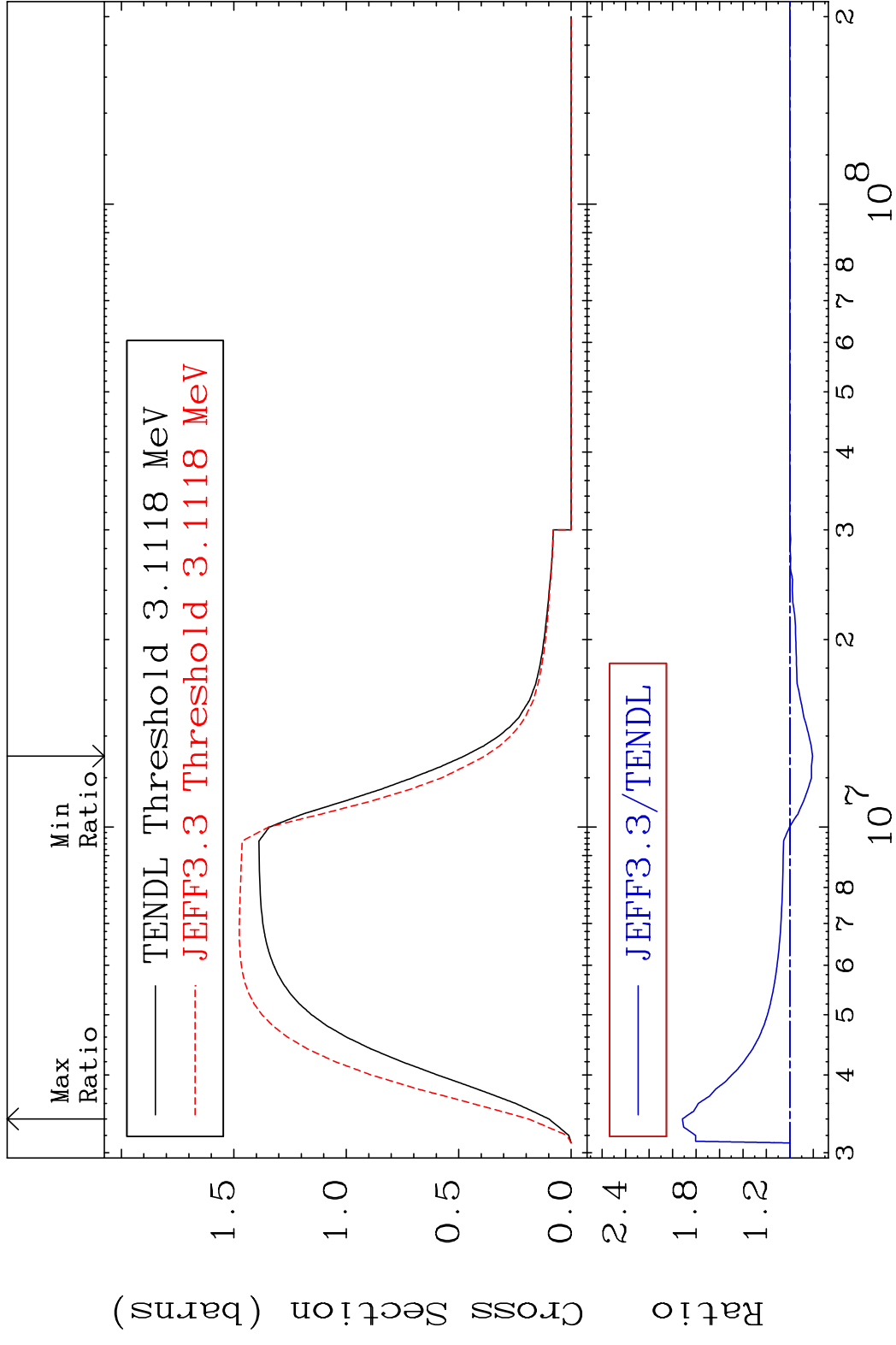


MAT 3243

(n,n') Continuum

32-Ge-76

Cross Section -19.36 To 91.66 %

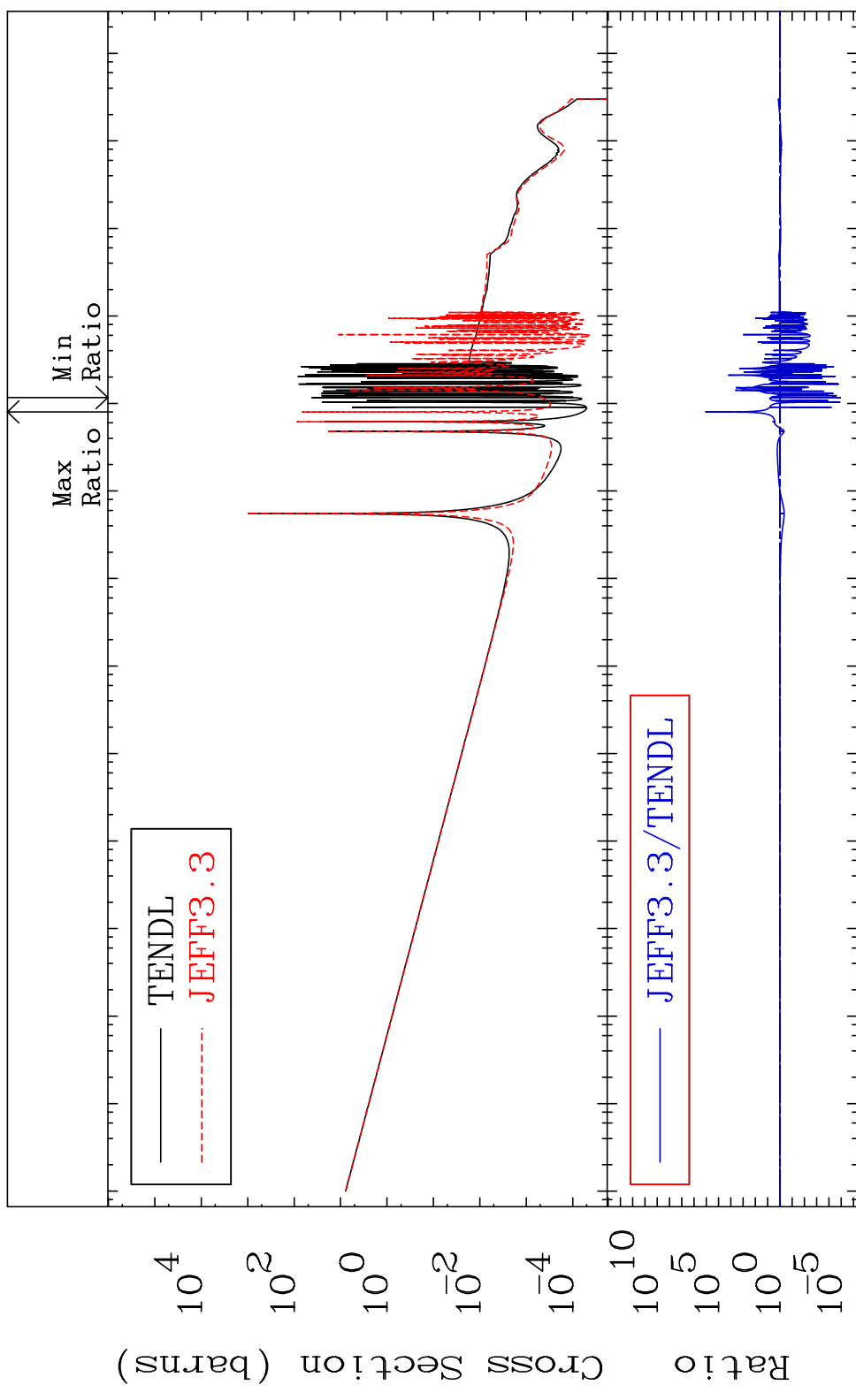


MAT 3243

(n,  $\gamma$ )

32-Ge-76

Cross Section -100.0 To 9999. %

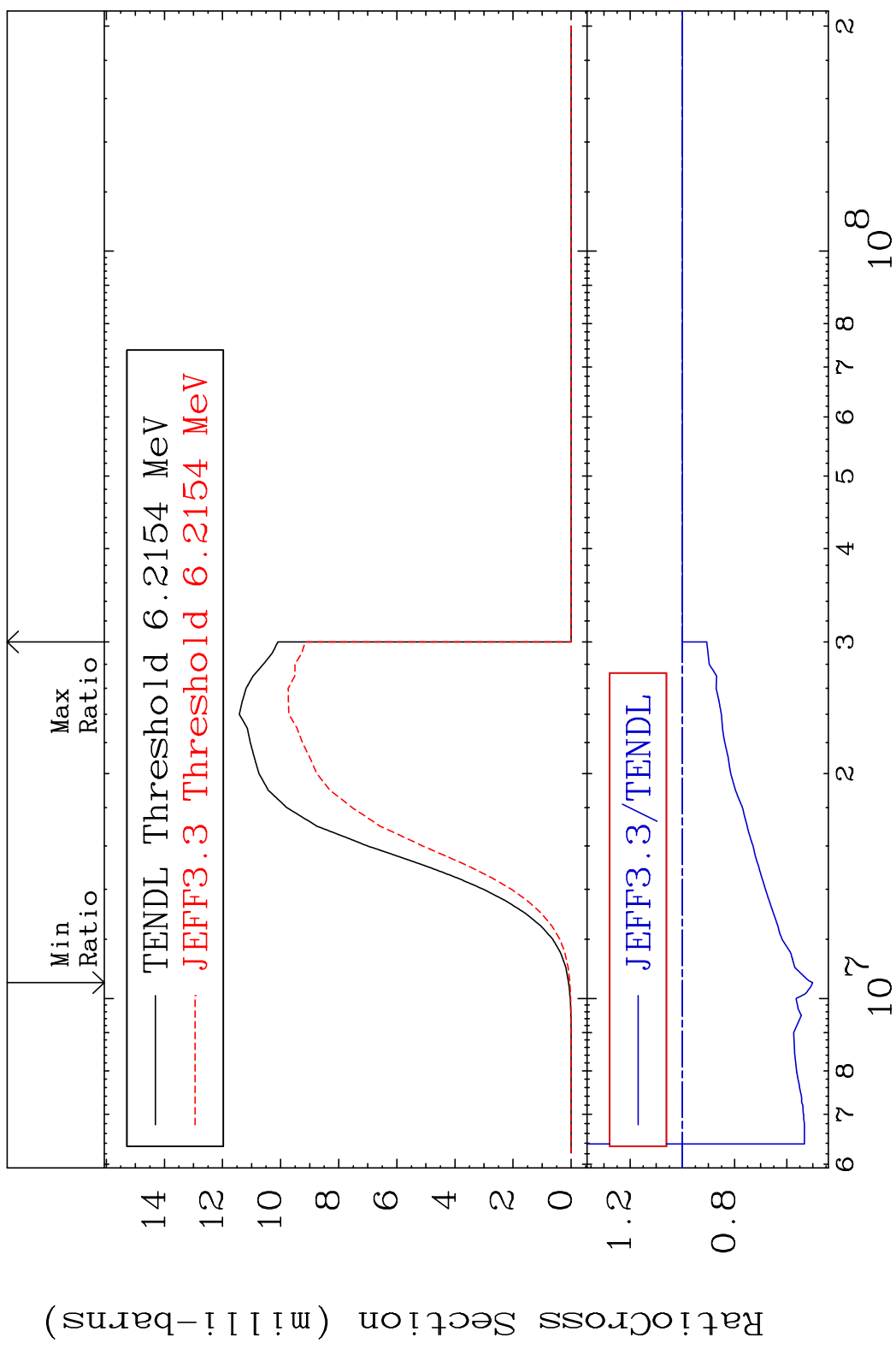


MAT 3243

(n, p)

32-Ge-76

Cross Section -49.86 To 0.000 %

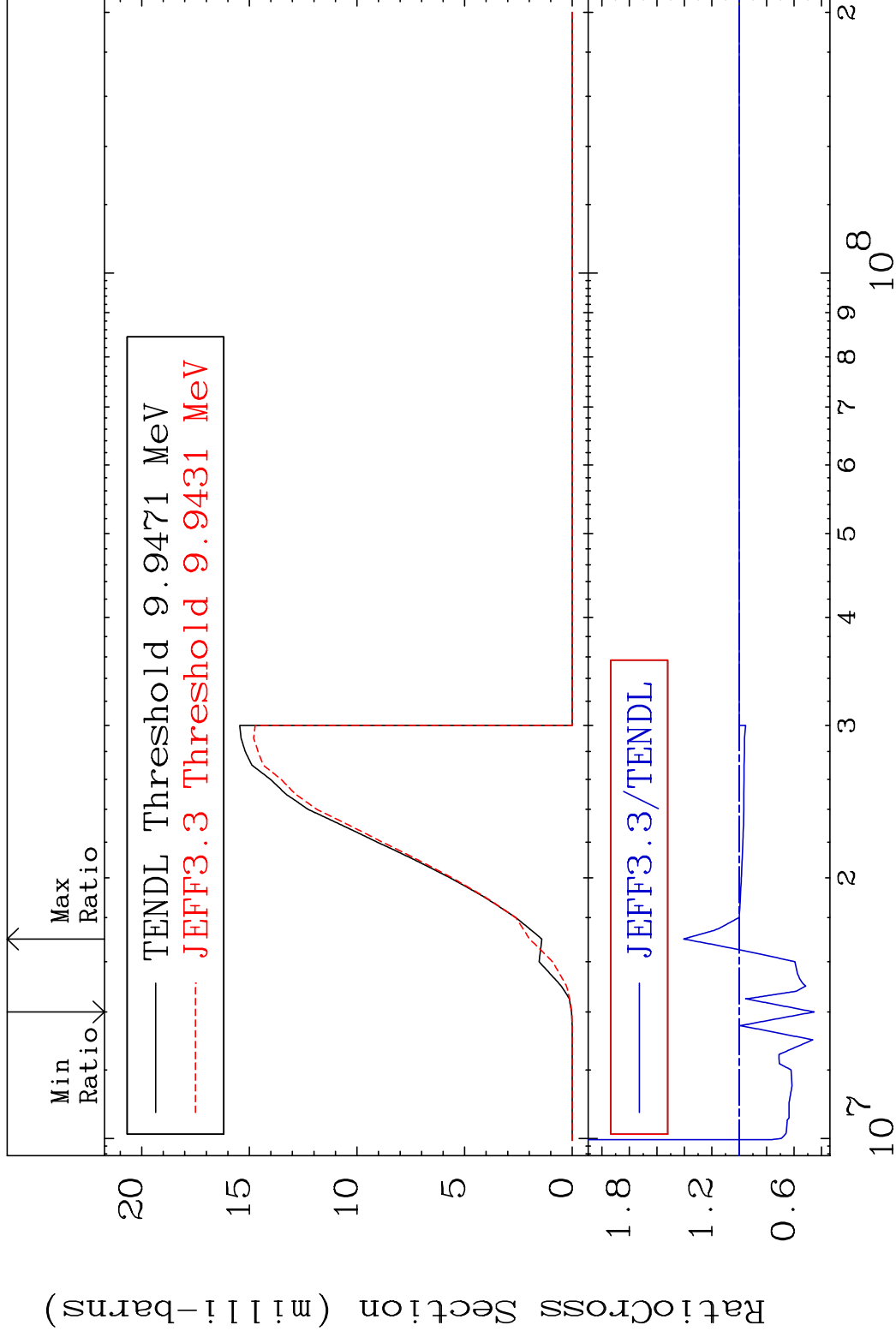


MAT 3243

(n, d)

32-Ge-76

Cross Section -54.60 To 40.48 %



53

Incident Energy (eV)

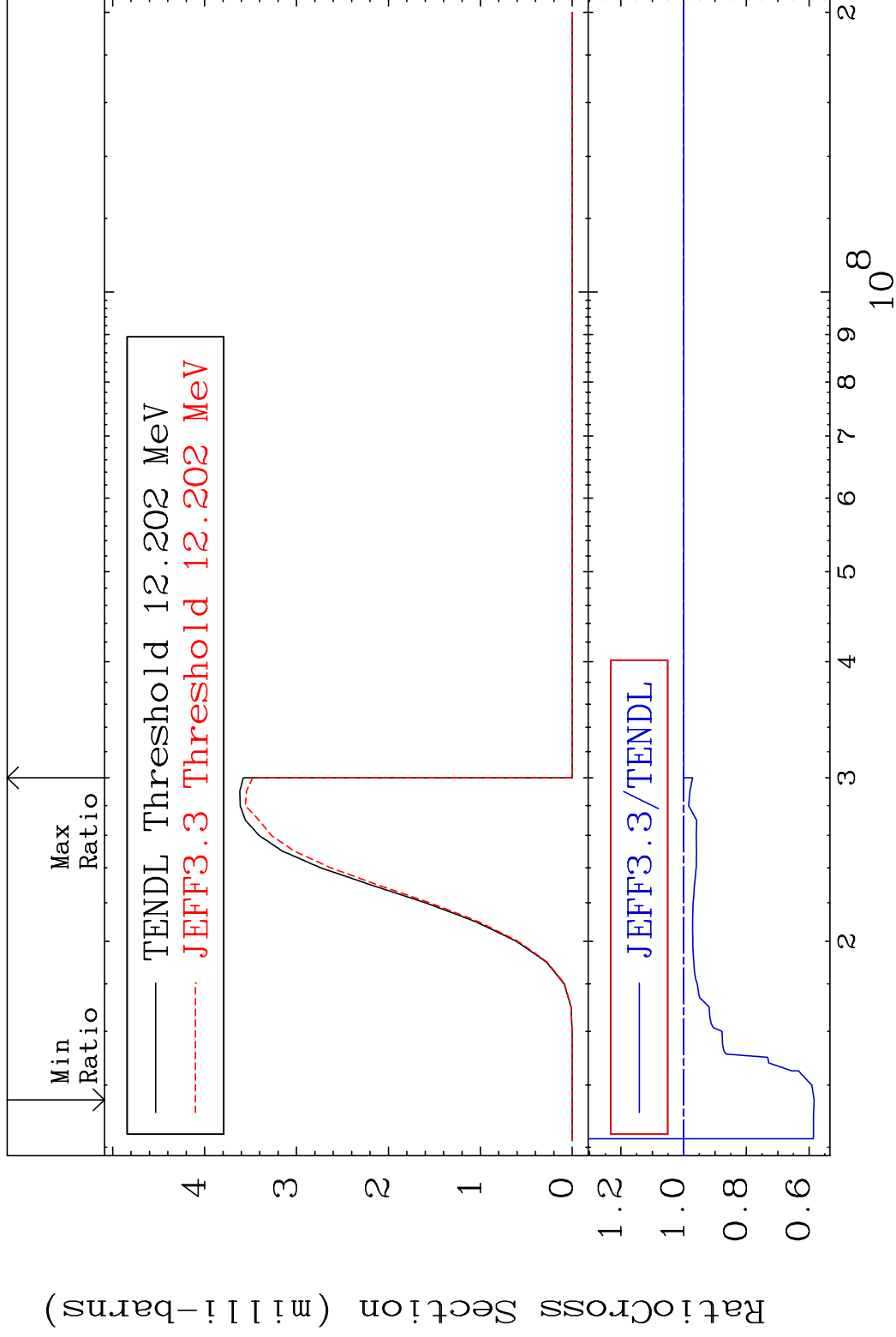
32-Ge-76

MAT 3243

(n, t)

32-Ge-76

Cross Section -41.60 To 0.000 %

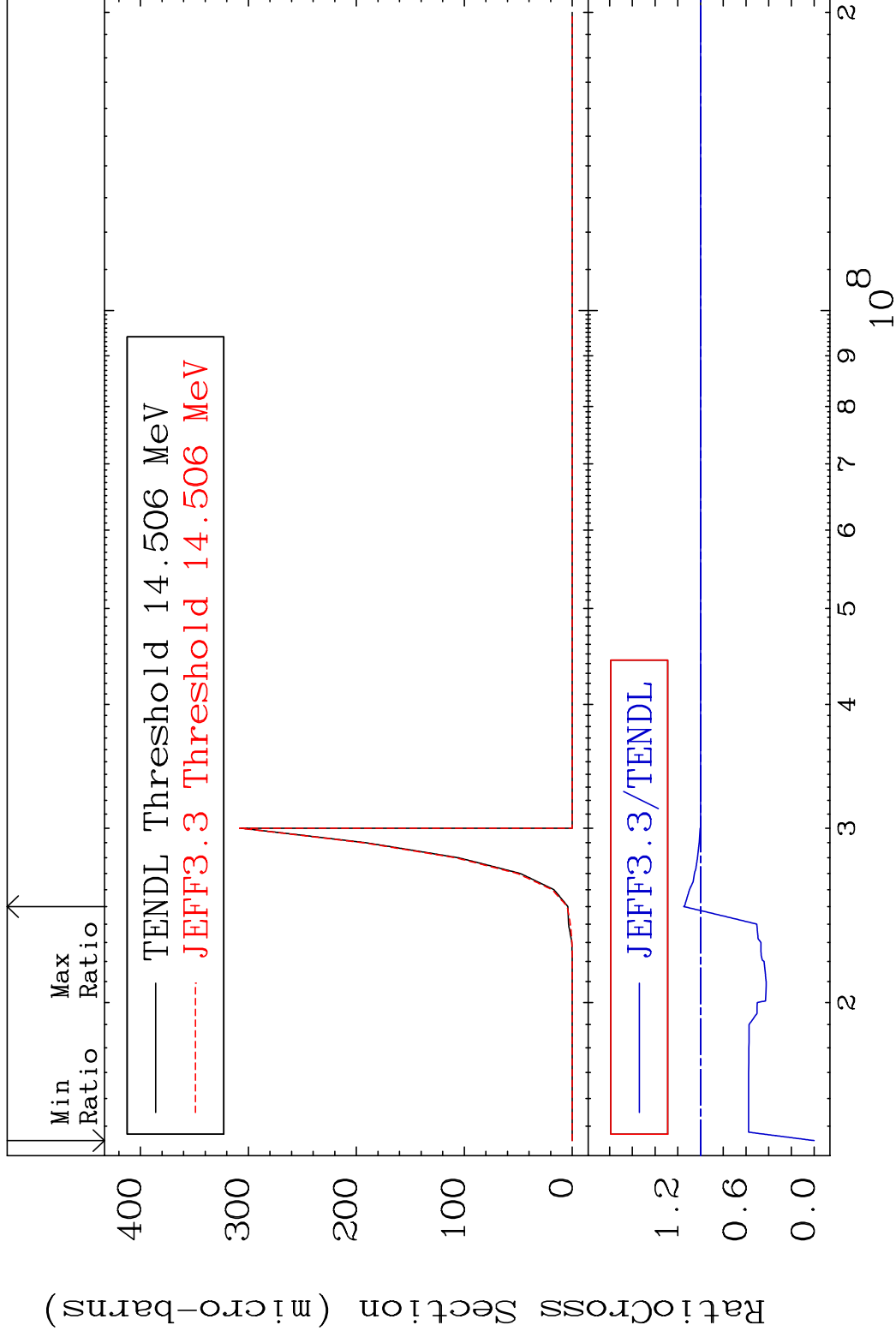


MAT 3243

(n, He-3)

32-Ge-76

Cross Section -100.0 To 14.86 %



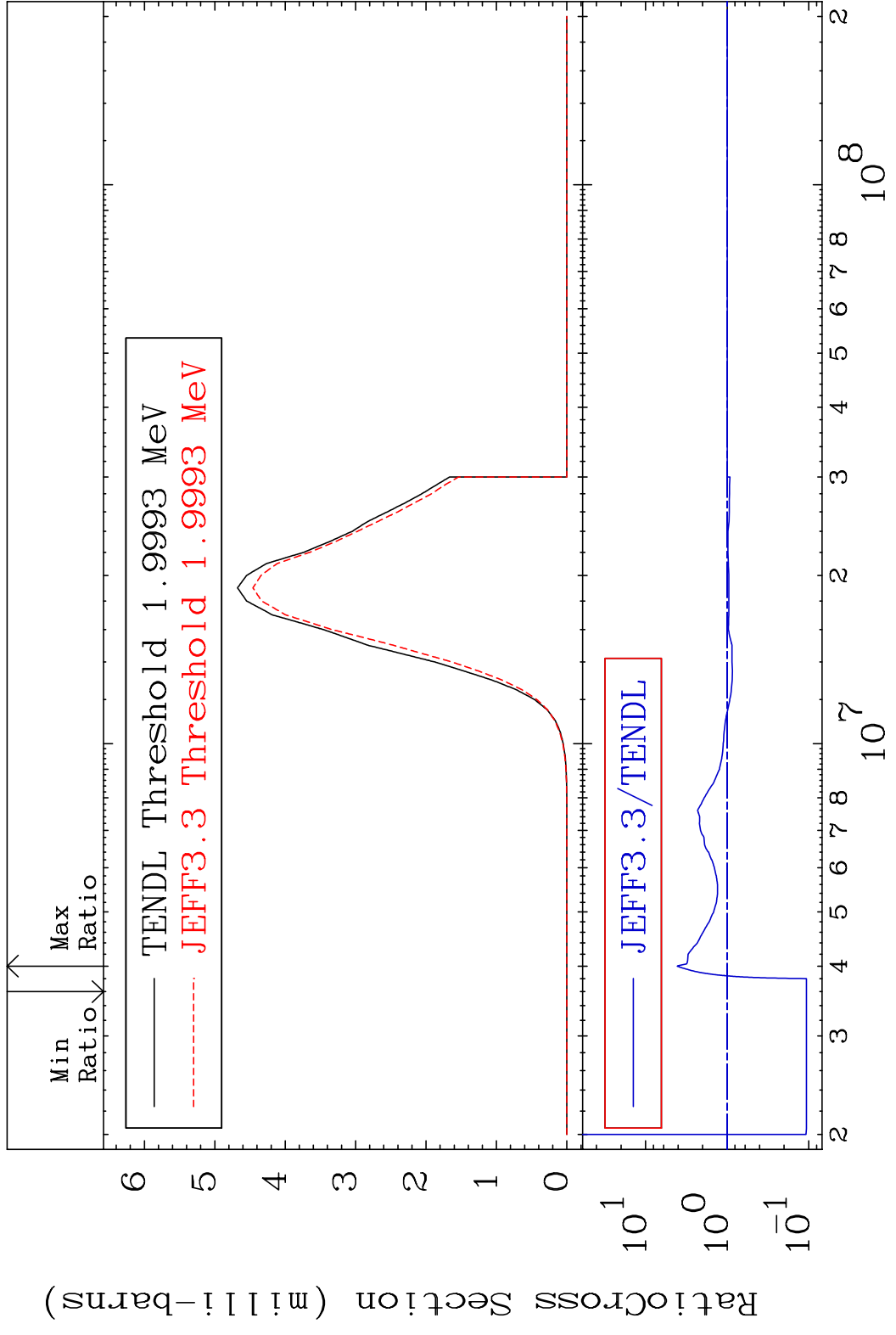
55

Incident Energy (eV)

32-Ge-76



MAT 3243 (n,  $\alpha$ ) 32-Ge-76  
 Cross Section -89.33 To 309.6 %

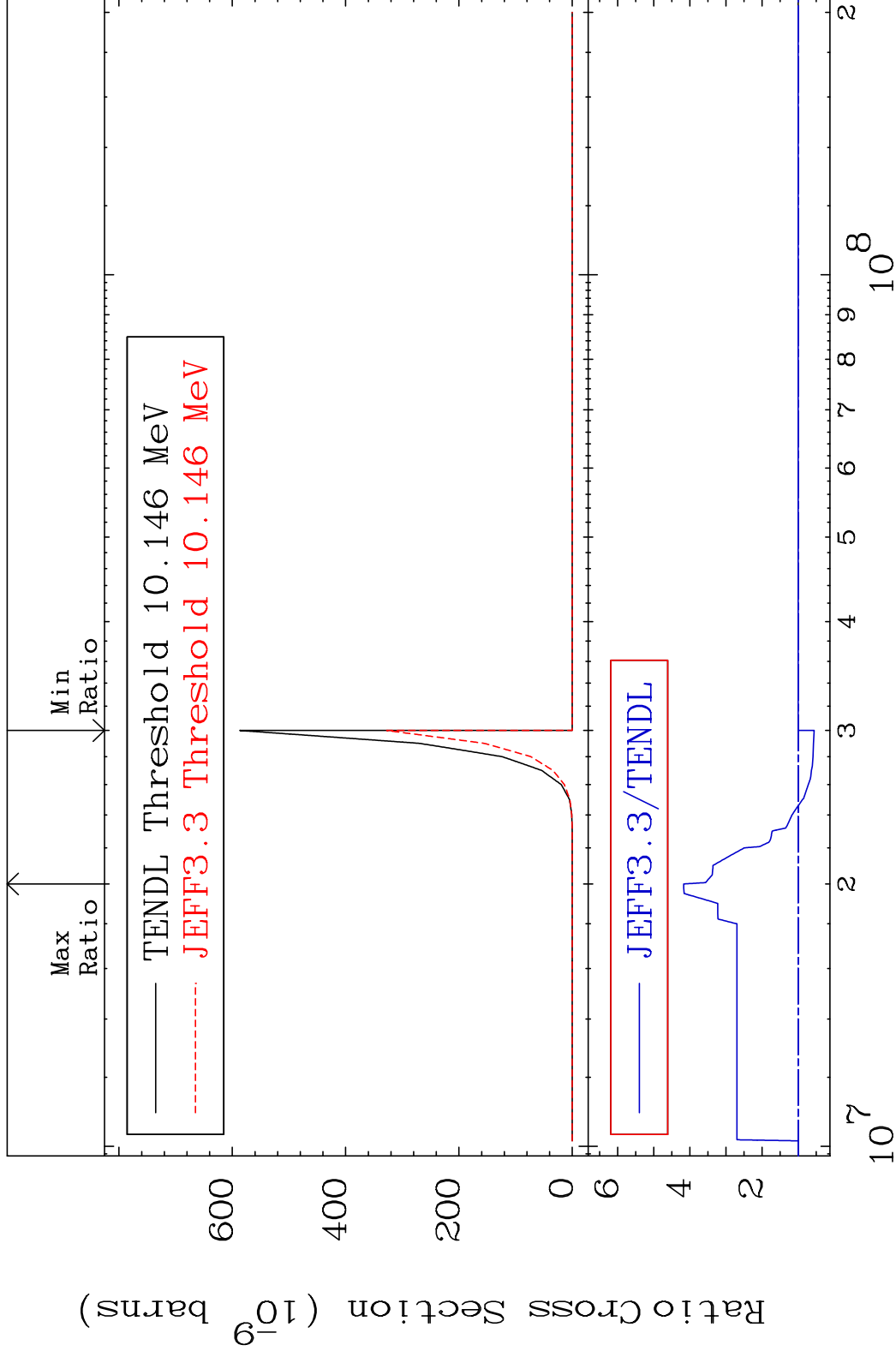


MAT 3243

(n,2α)

32-Ge-76

Cross Section -44.17 To 317.2 %

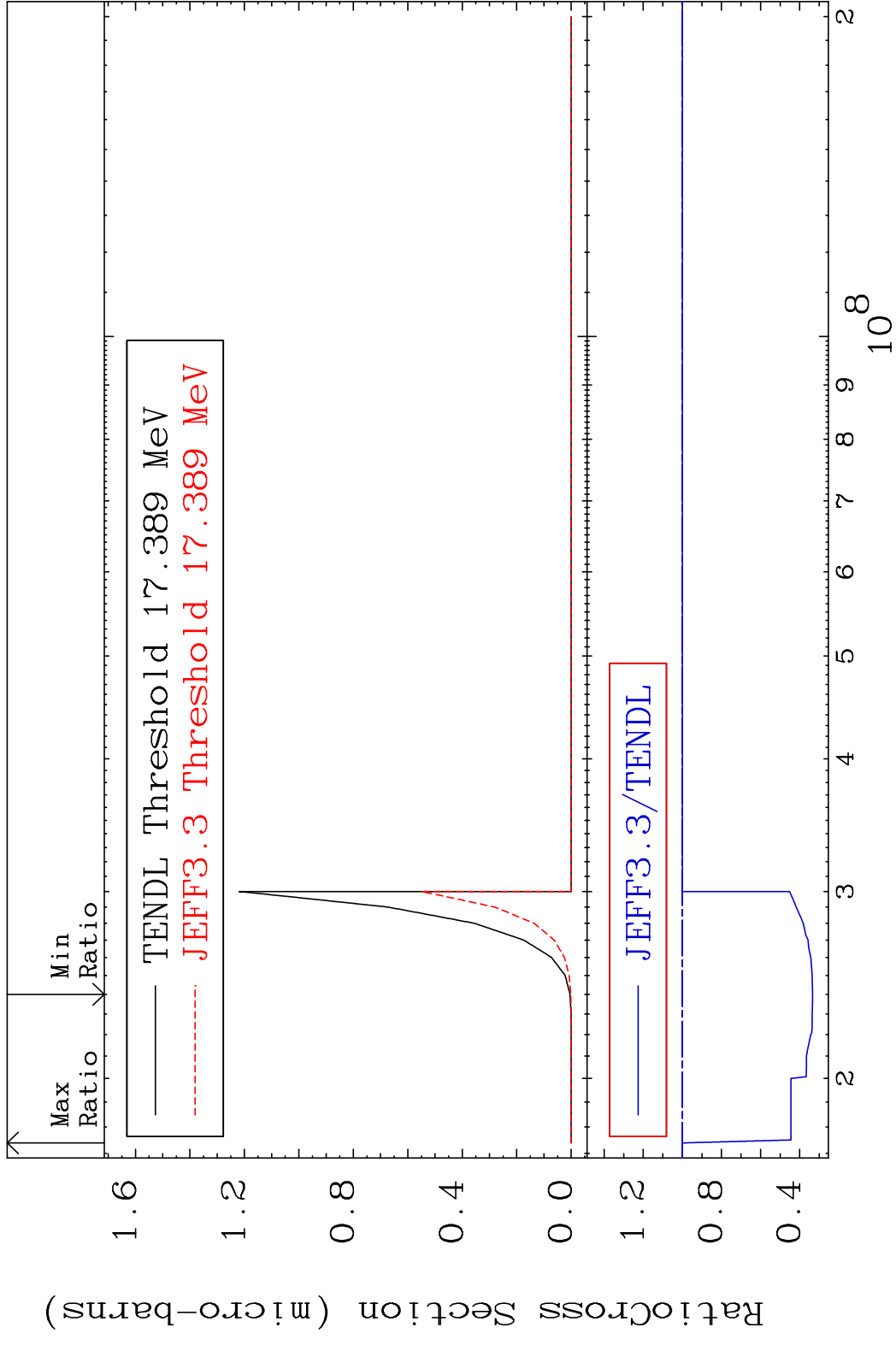


57

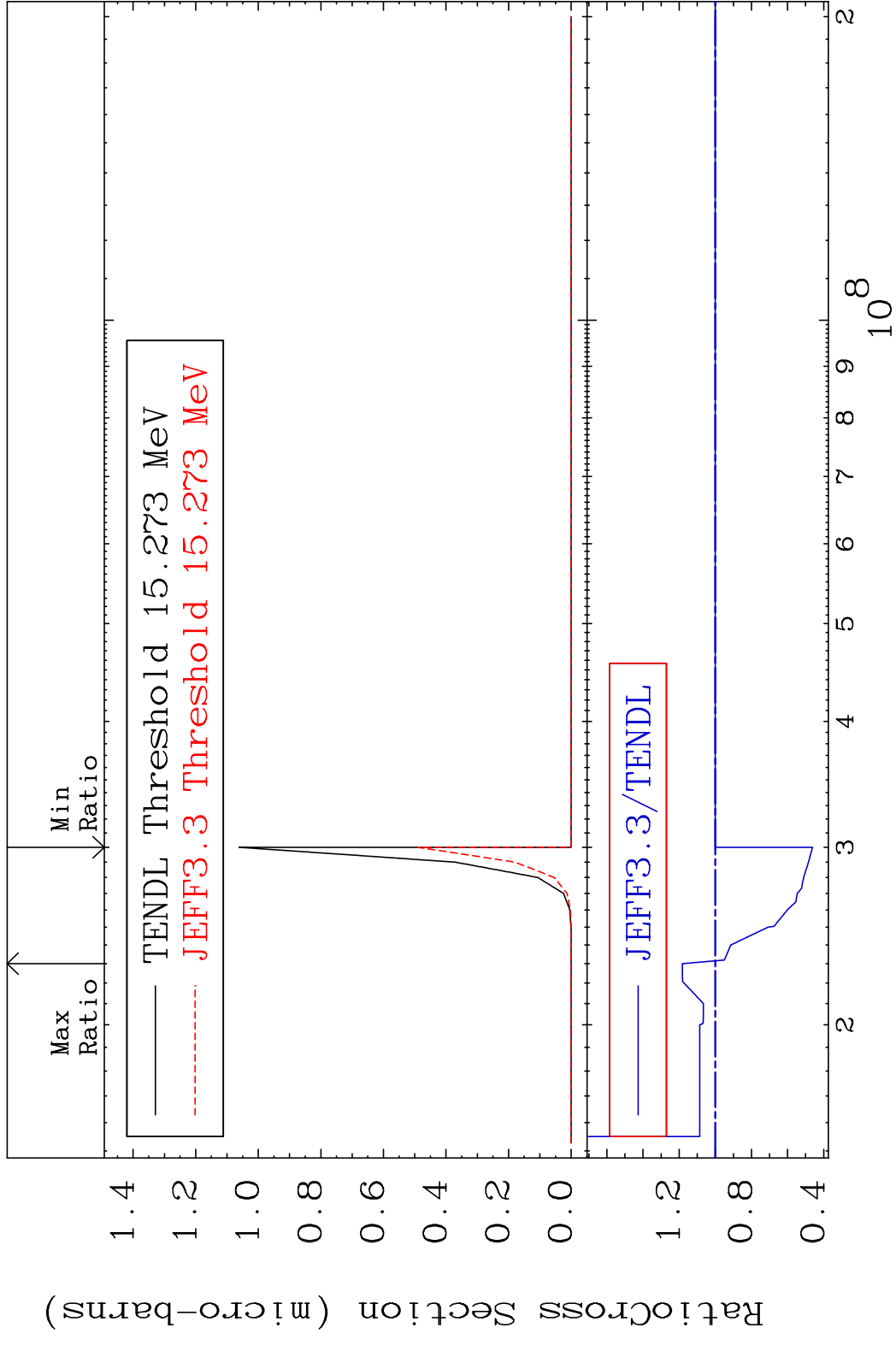
Incident Energy (eV)

32-Ge-76

MAT 3243 (n,2p) 32-Ge-76  
 Cross Section -66.56 To 0.000 %



MAT 3243 (n,p)  $\alpha$  32-Ge-76  
 Cross Section -53.83 To 18.23 %

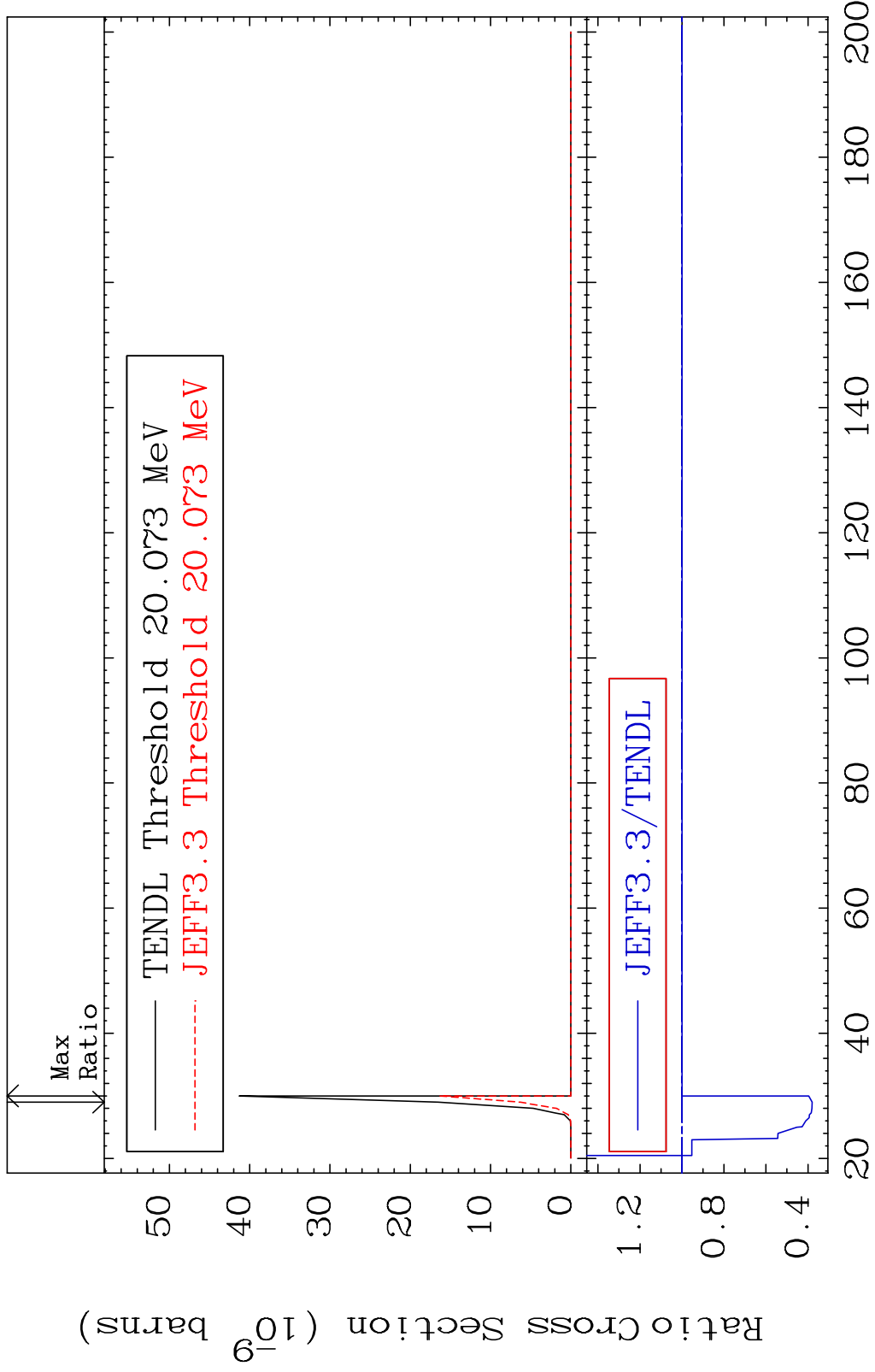


MAT 3243

(n,p) d

32-Ge-76

Cross Section -61.98 To 0.000 %

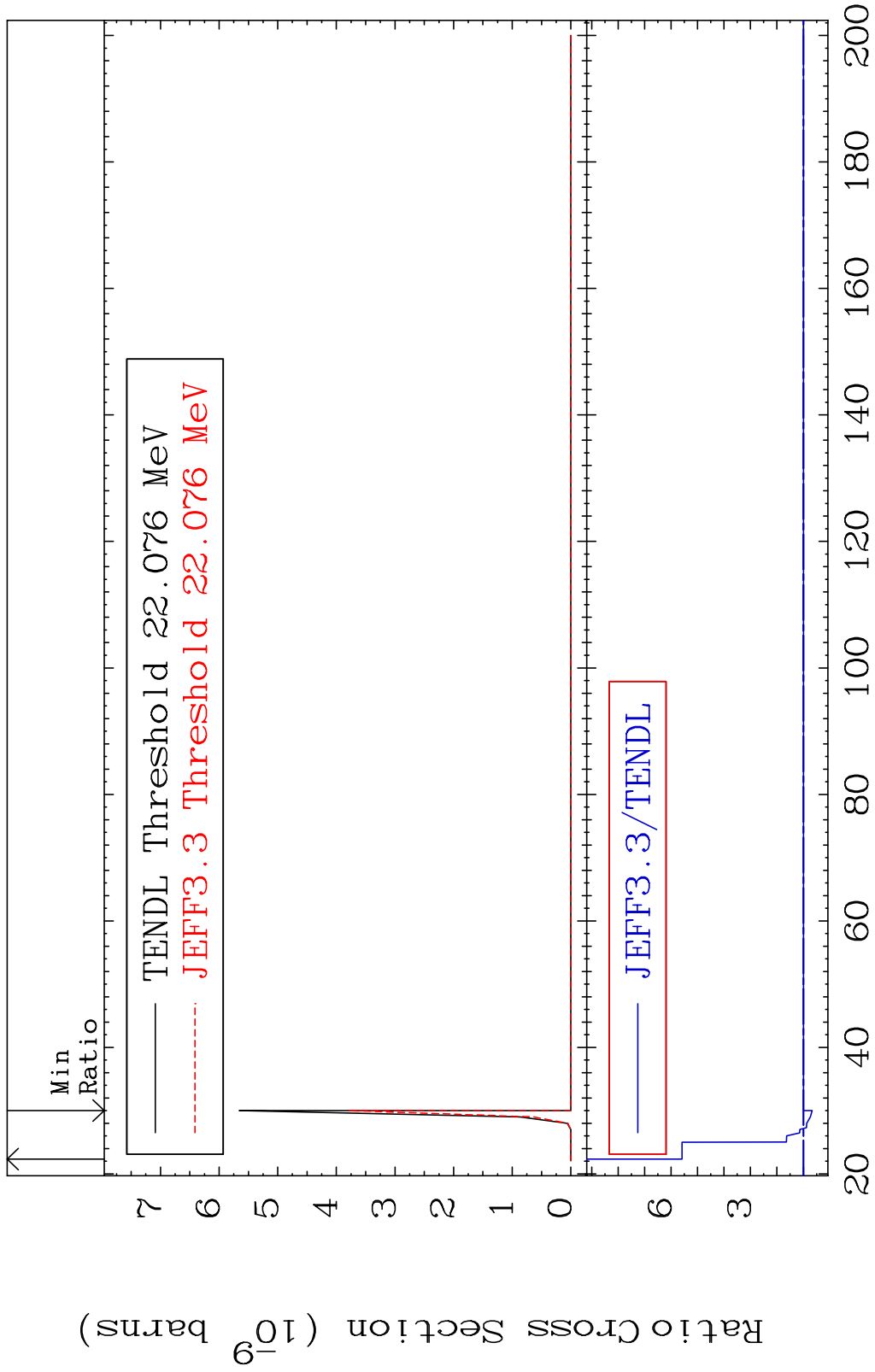


60

Incident Energy (MeV)

32-Ge-76

MAT 3243 (n,p) t 32-Ge-76  
 Cross Section -32.93 To 458.8 %

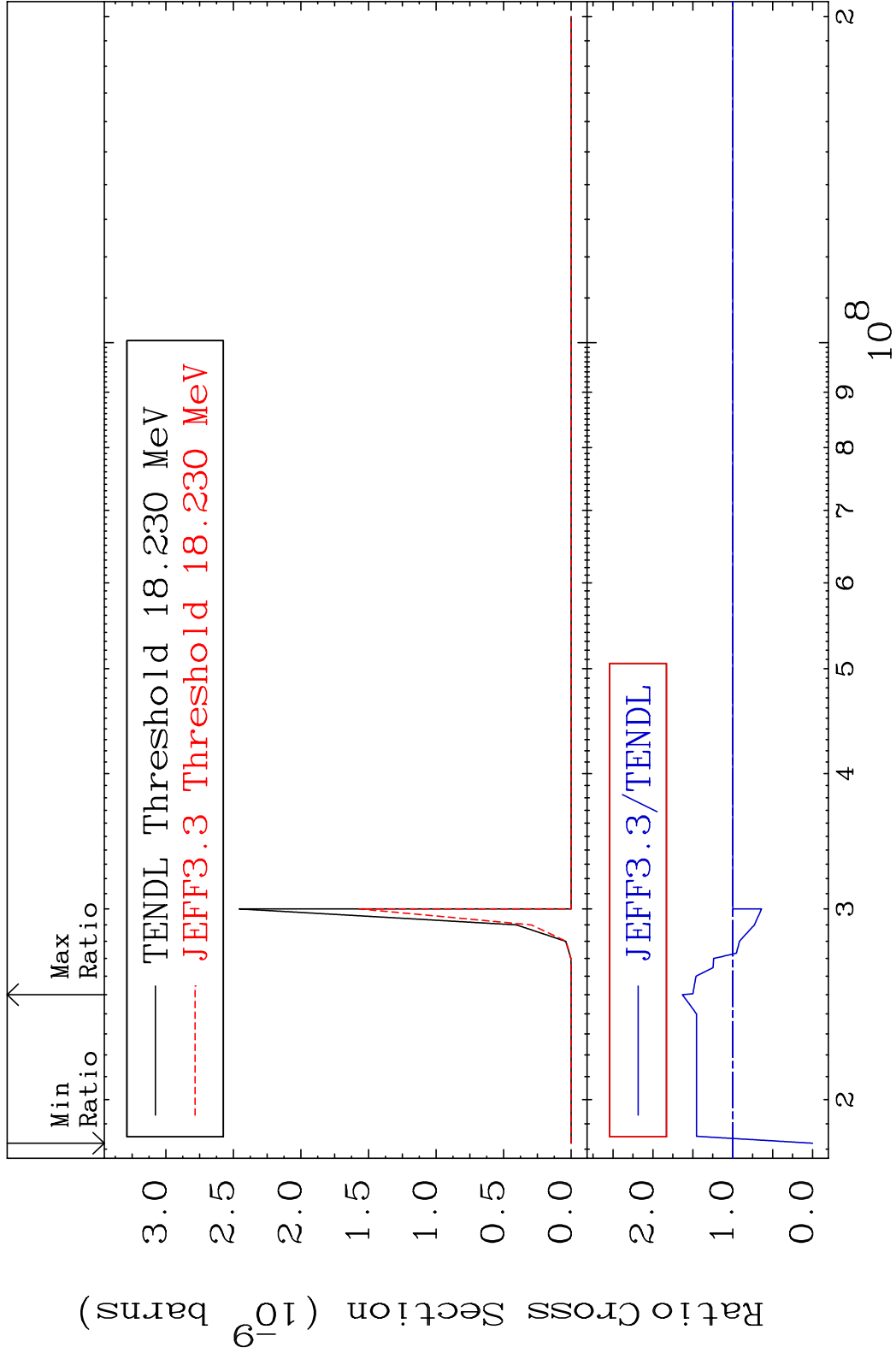


MAT 3243

(n,d)  $\alpha$

32-Ge-76

Cross Section -100.0 To 63.15 %

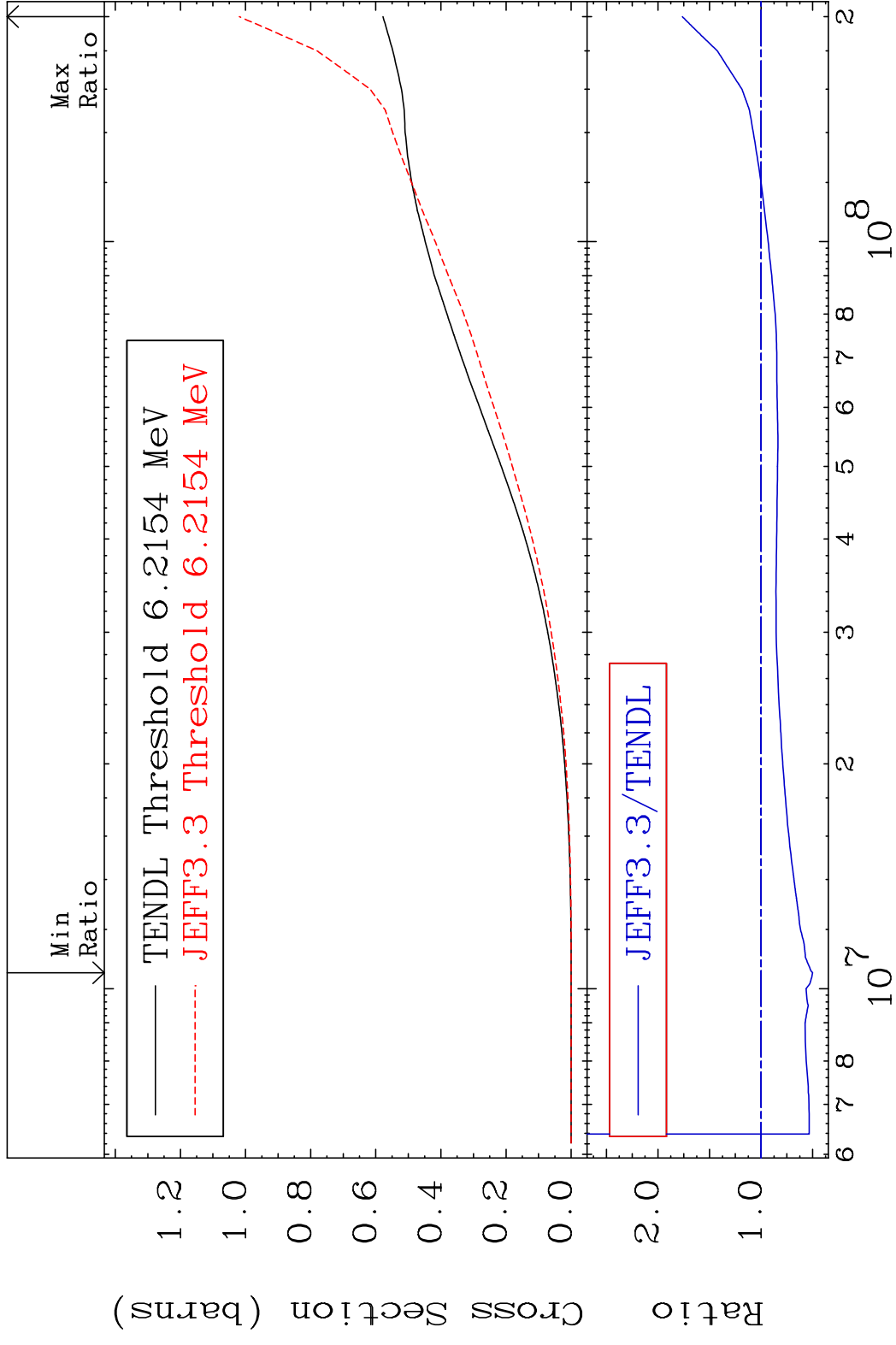


MAT 3243

Hydrogen Production

32-Ge-76

Cross Section -49.86 To 76.37 %



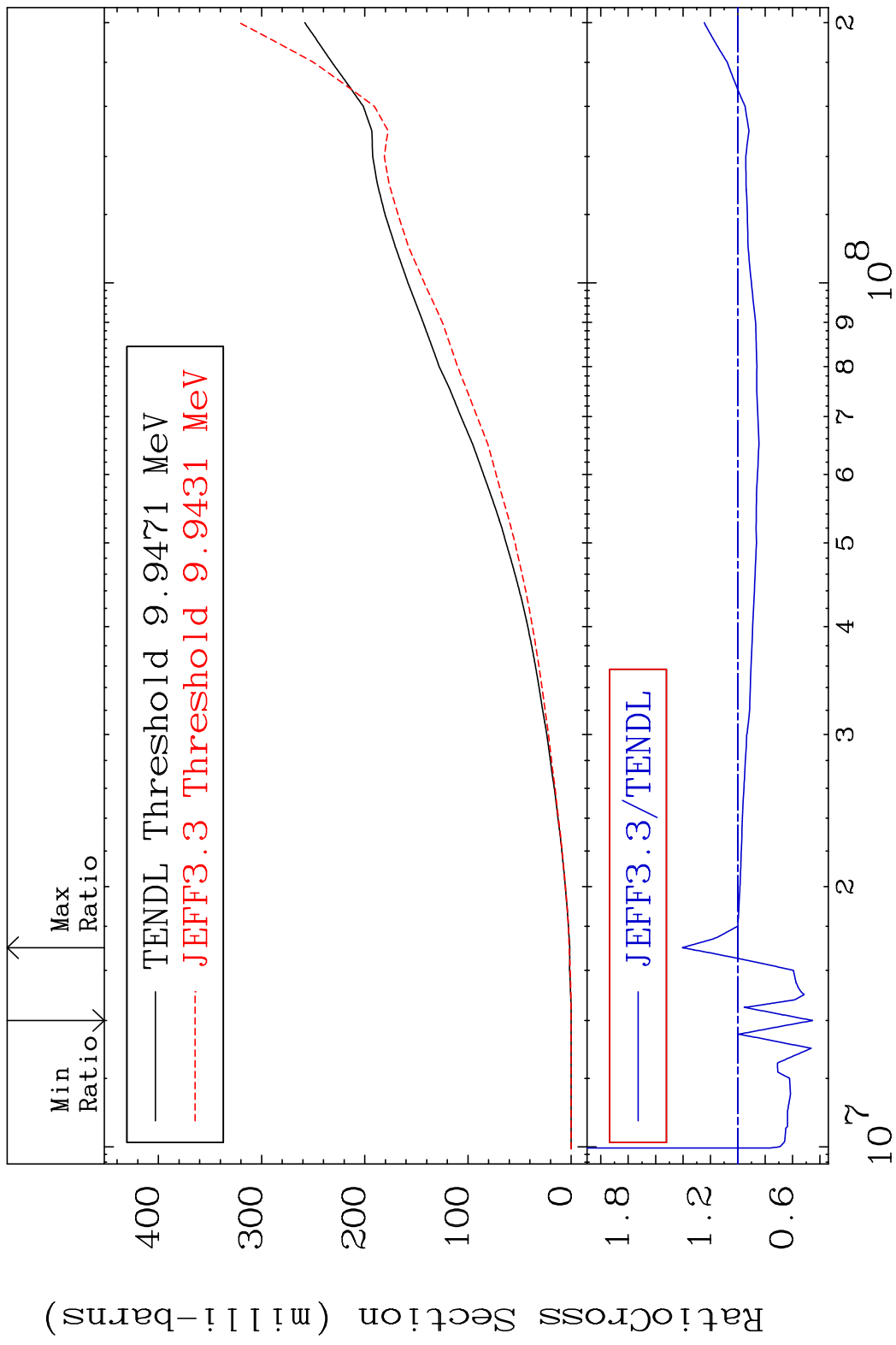
63

Incident Energy (eV)

32-Ge-76



MAT 3243 Deuterium Production 32-Ge-76  
 Cross Section -54.60 To 40.48 %



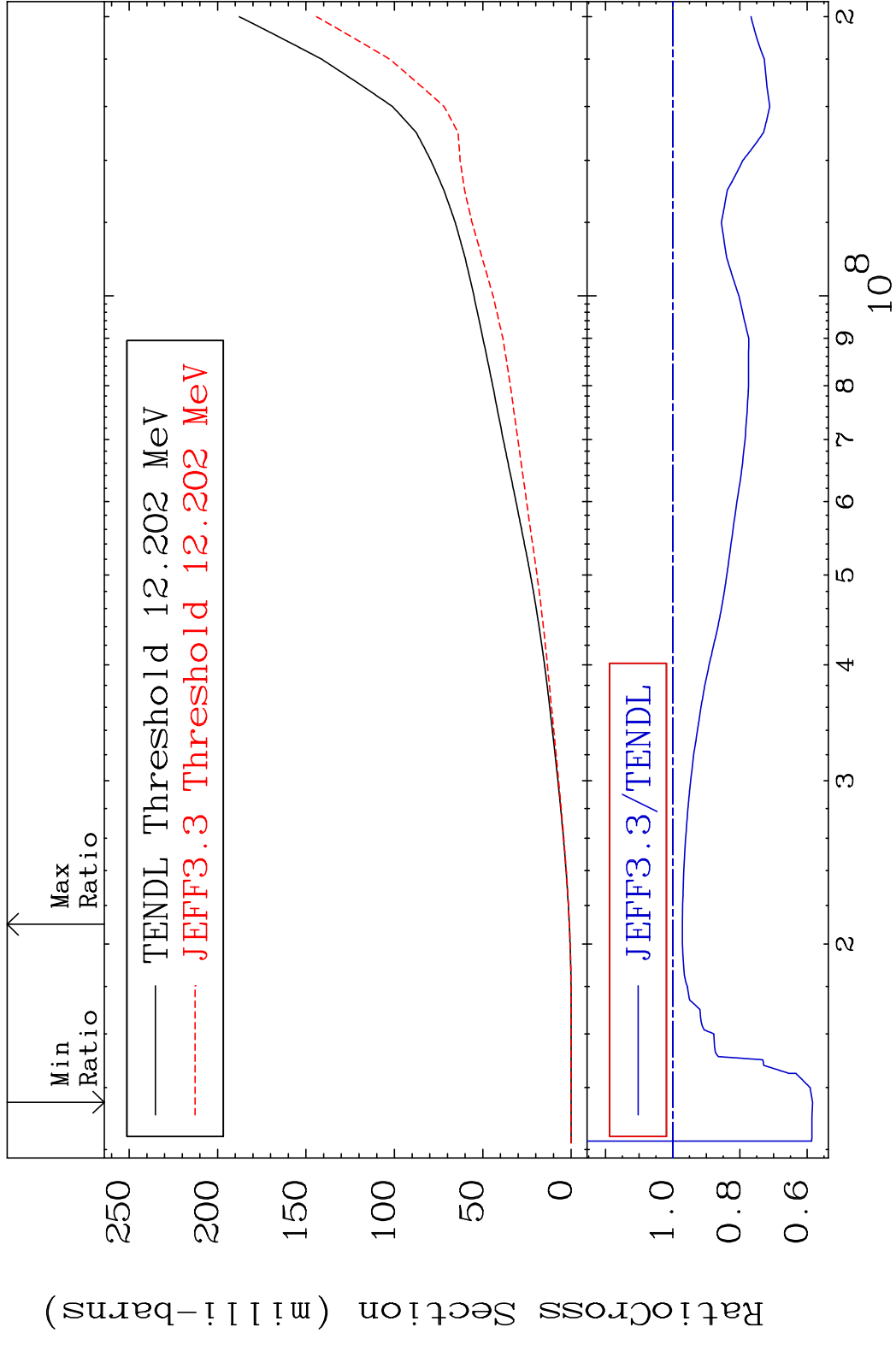
64 Incident Energy (eV) 32-Ge-76

MAT 3243

Tritium Production

$^{32}\text{Ge-76}$

Cross Section -41.60 To -2.863%

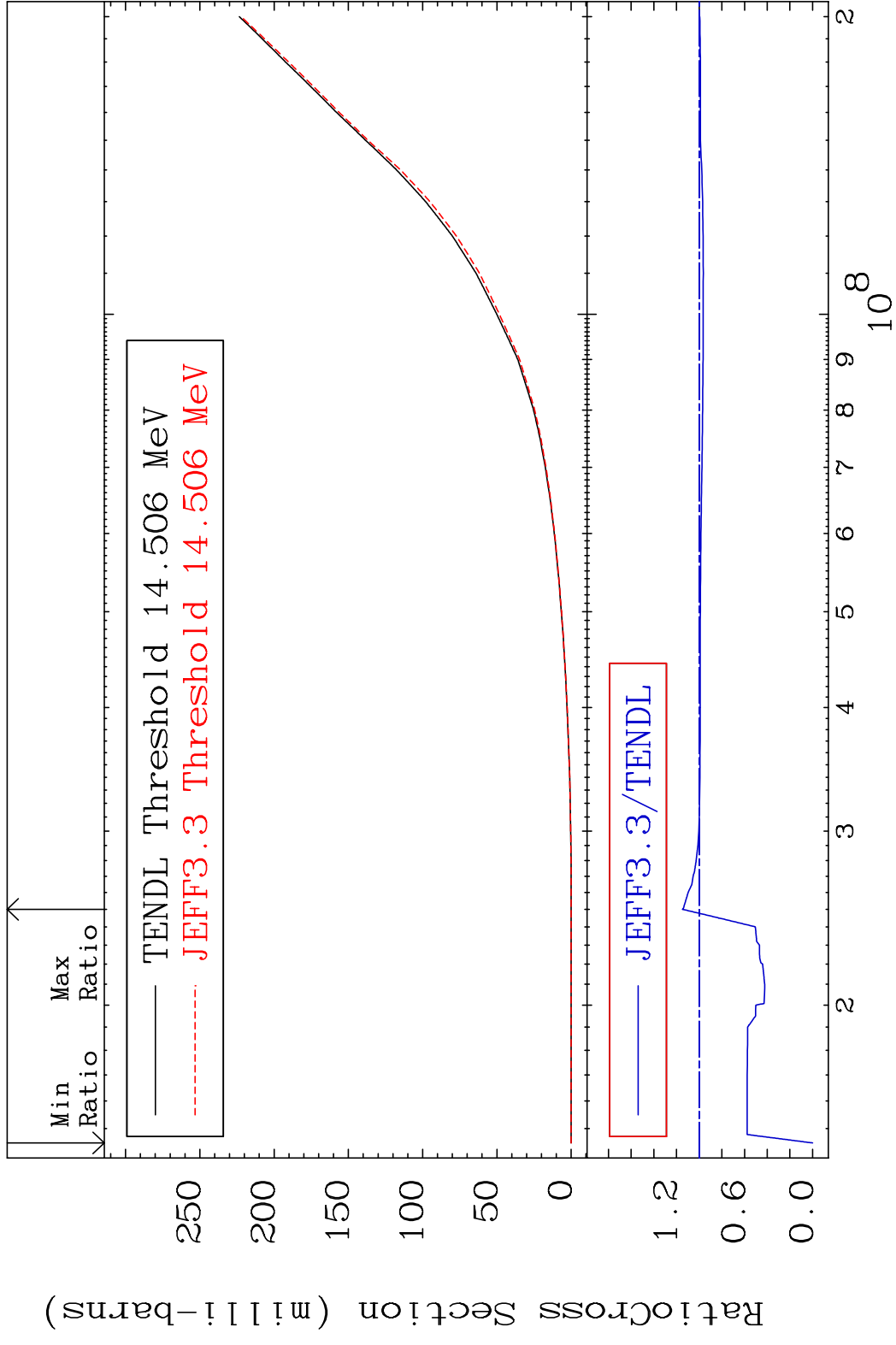


MAT 3243

He-3 Production

32-Ge-76

Cross Section -100.0 To 14.86 %

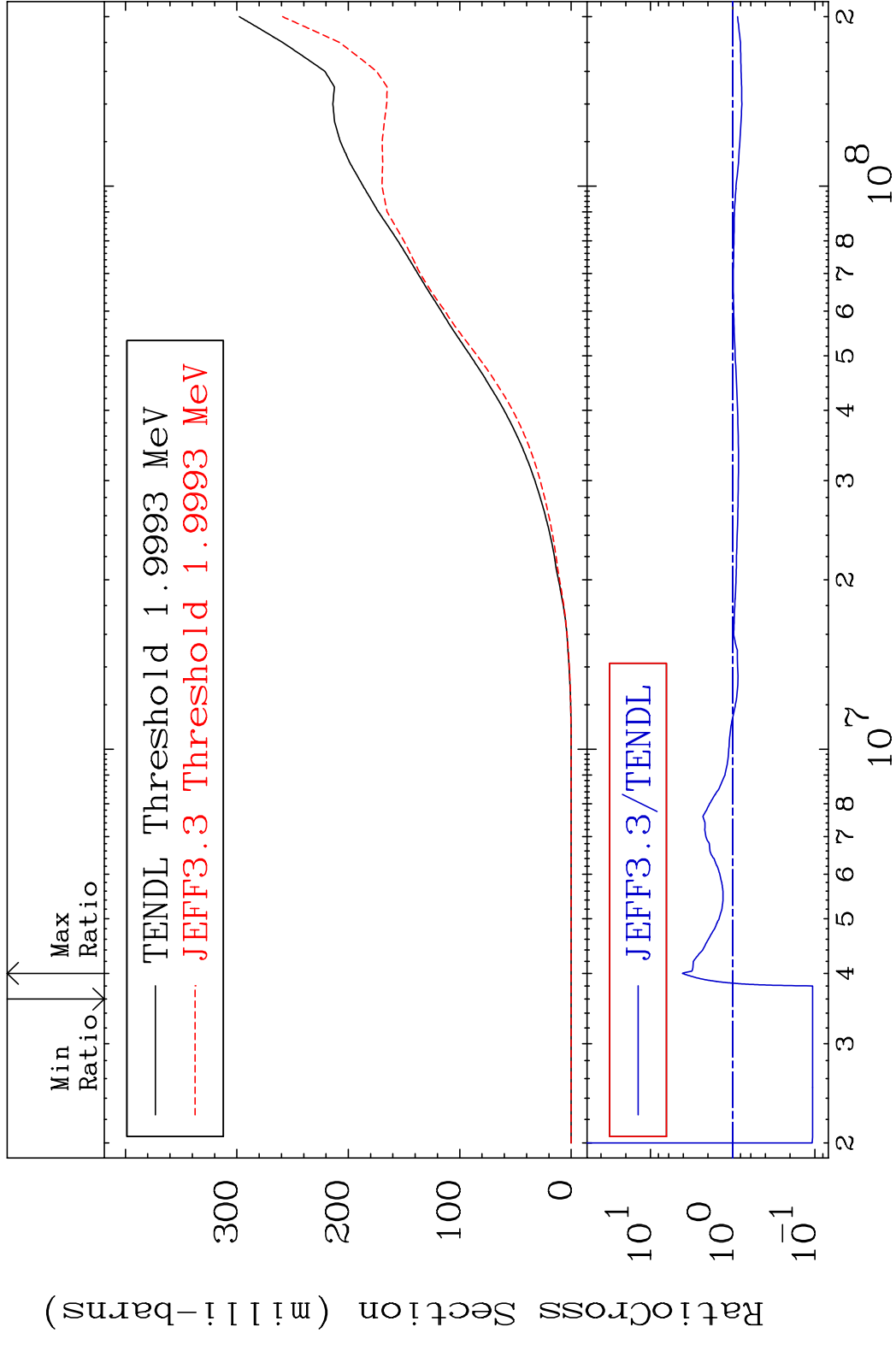


MAT 3243

He-4 Production

32-Ge-76

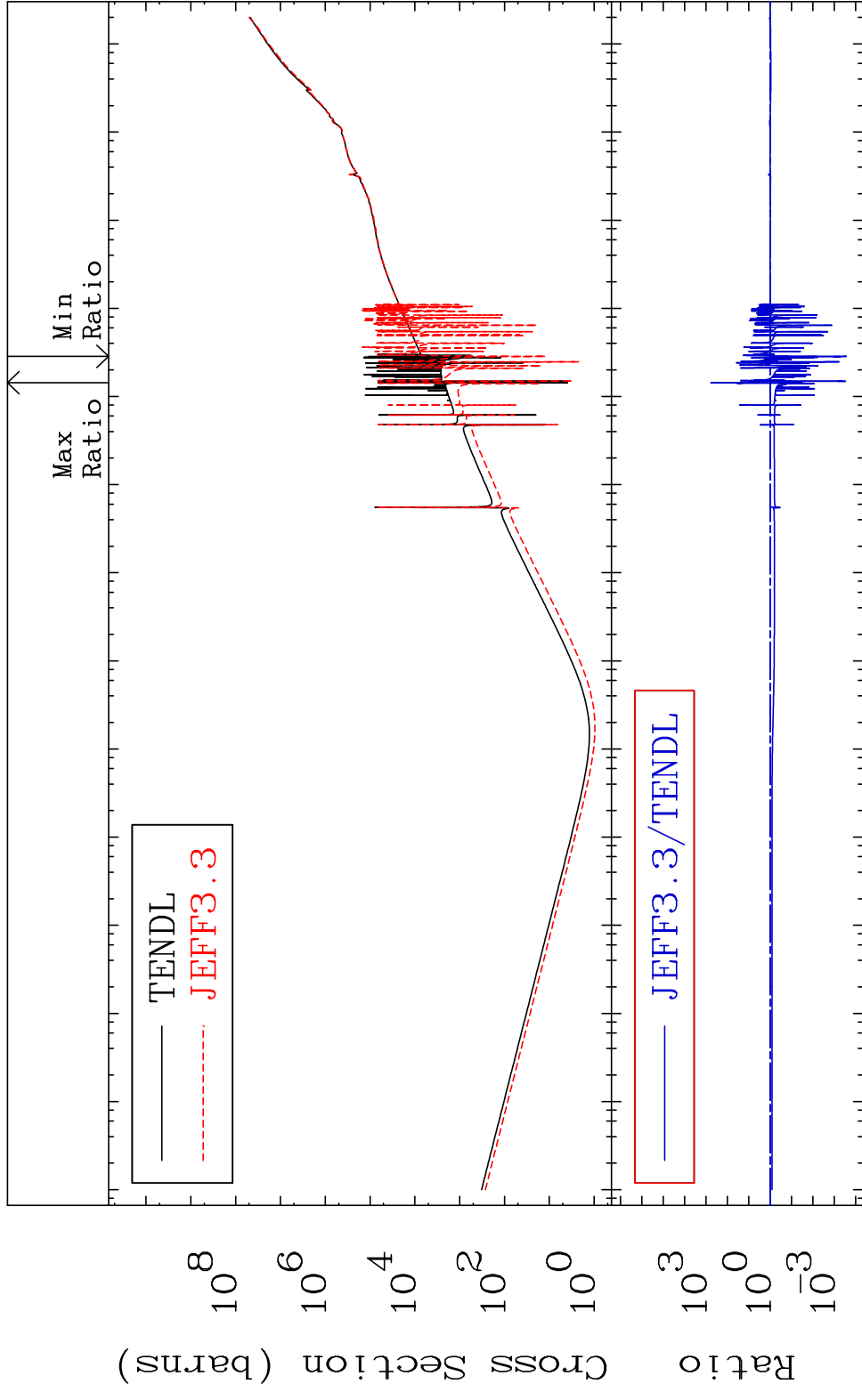
Cross Section -89.33 To 309.6 %



MAT 3243

Kerma total (eV-barns) 32-Ge-76

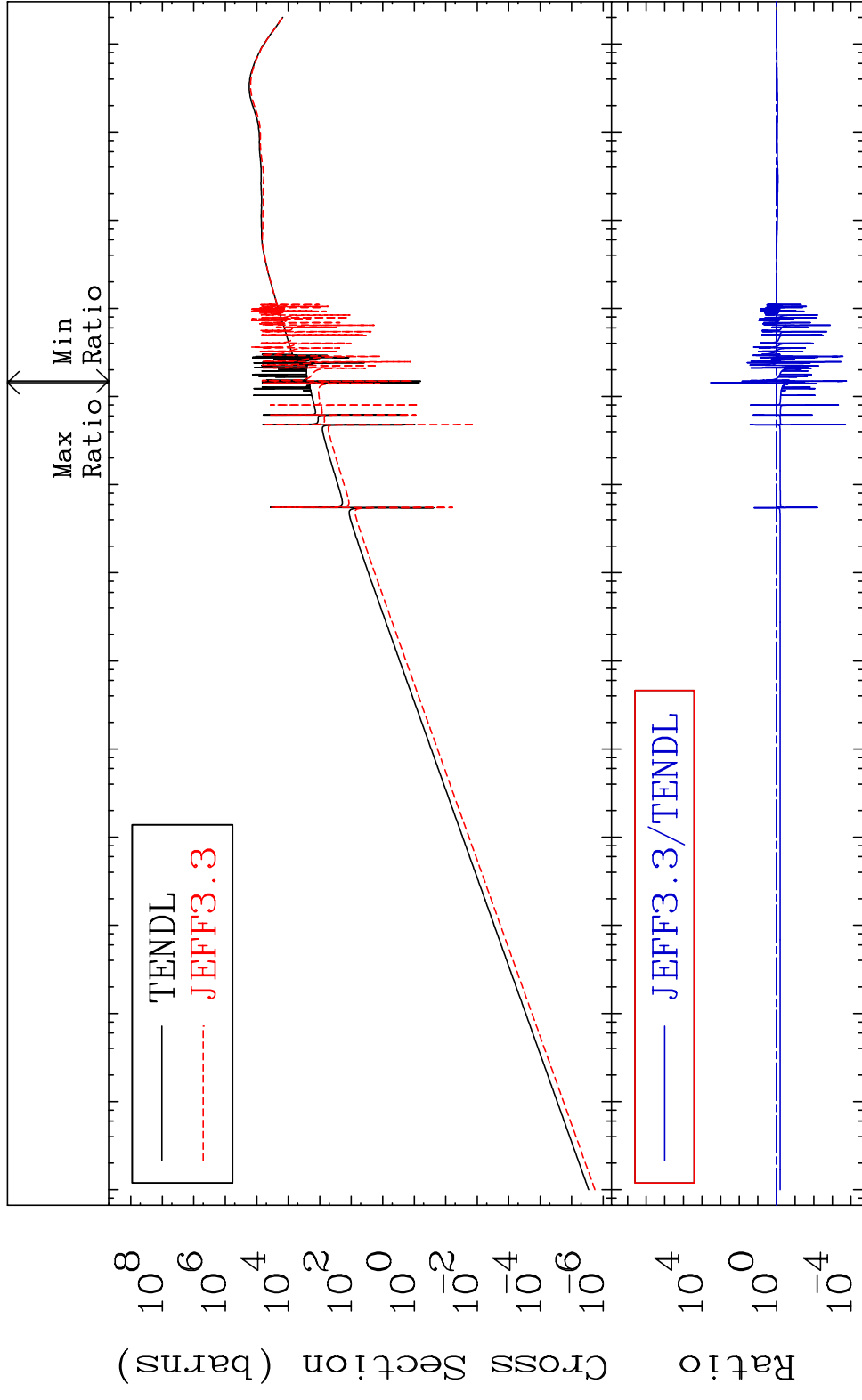
Cross Section -99.97 To 9999. %



MAT 3243

Kerma elastic  
Cross Section -99.98 To 9999. %

32-Ge-76

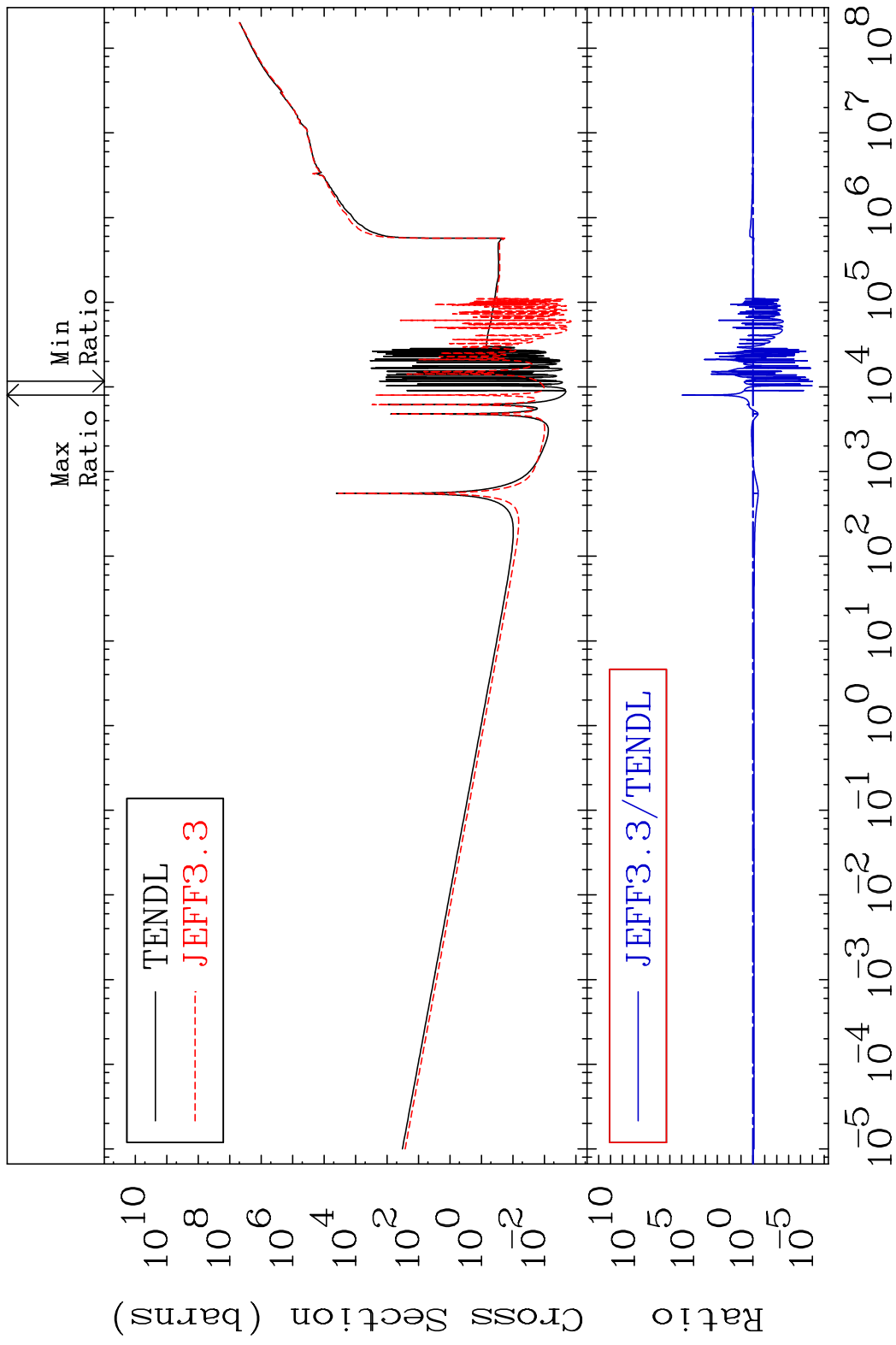


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Incident Energy (eV)

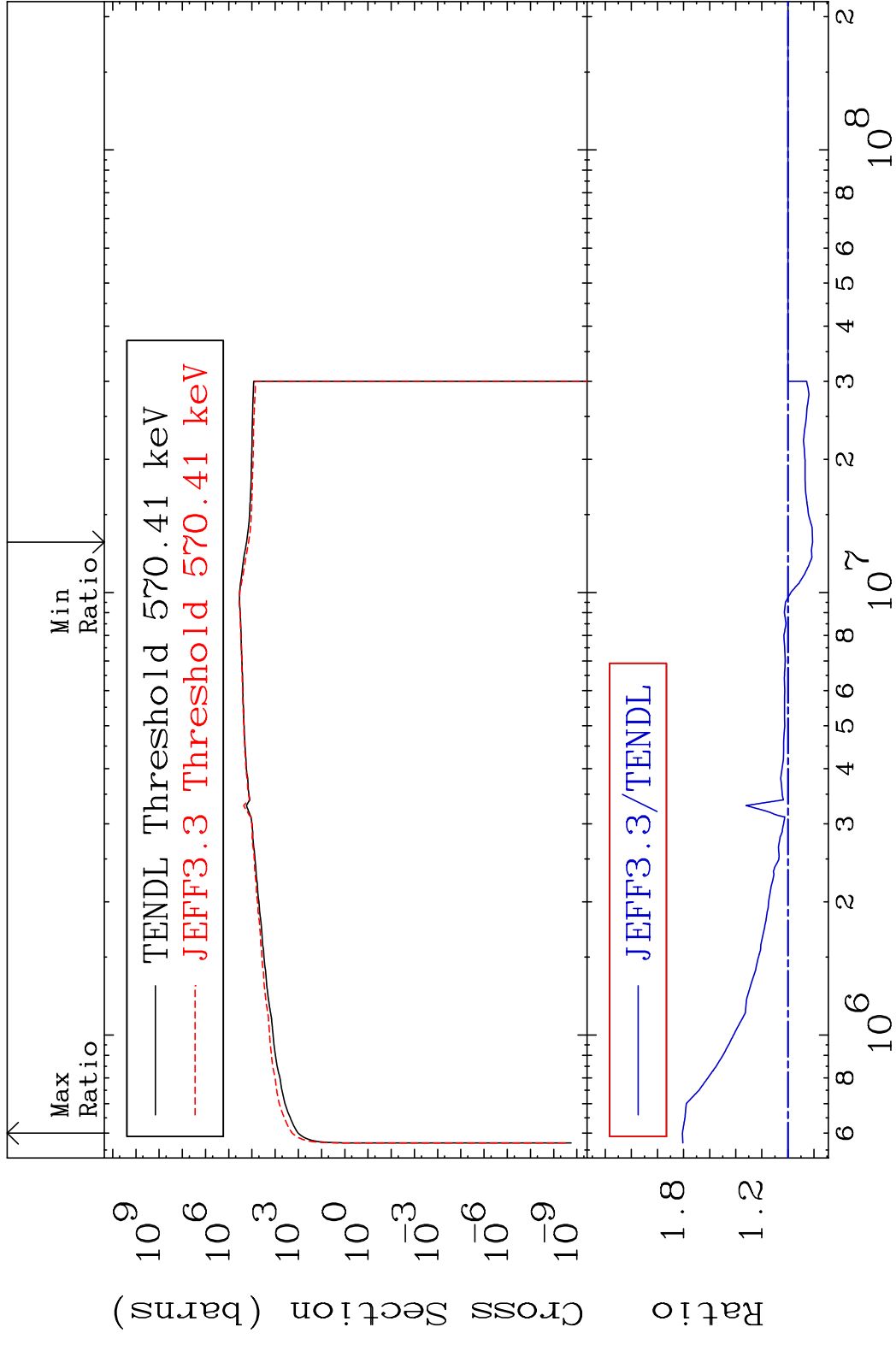
32-Ge-76

MAT 3243 Kerma non-elastic (all but mt2) 32-Ge-76  
 Cross Section -100.0 To 9999. %



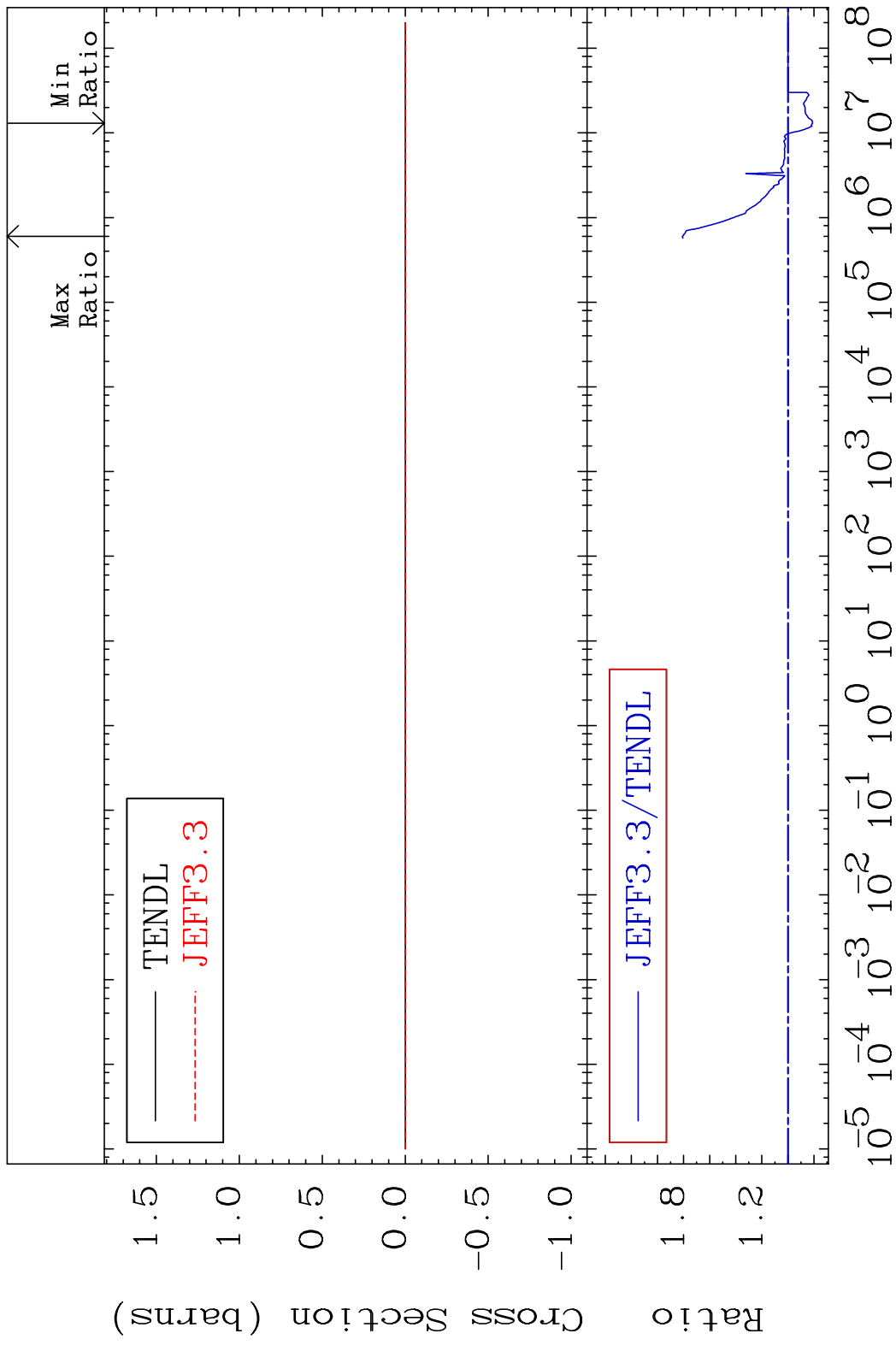
70 Incident Energy (eV) 32-Ge-76

MAT 3243 Kerma inelastic (mt51-91) 32-Ge-76  
 Cross Section -18.87 To 80.93 %



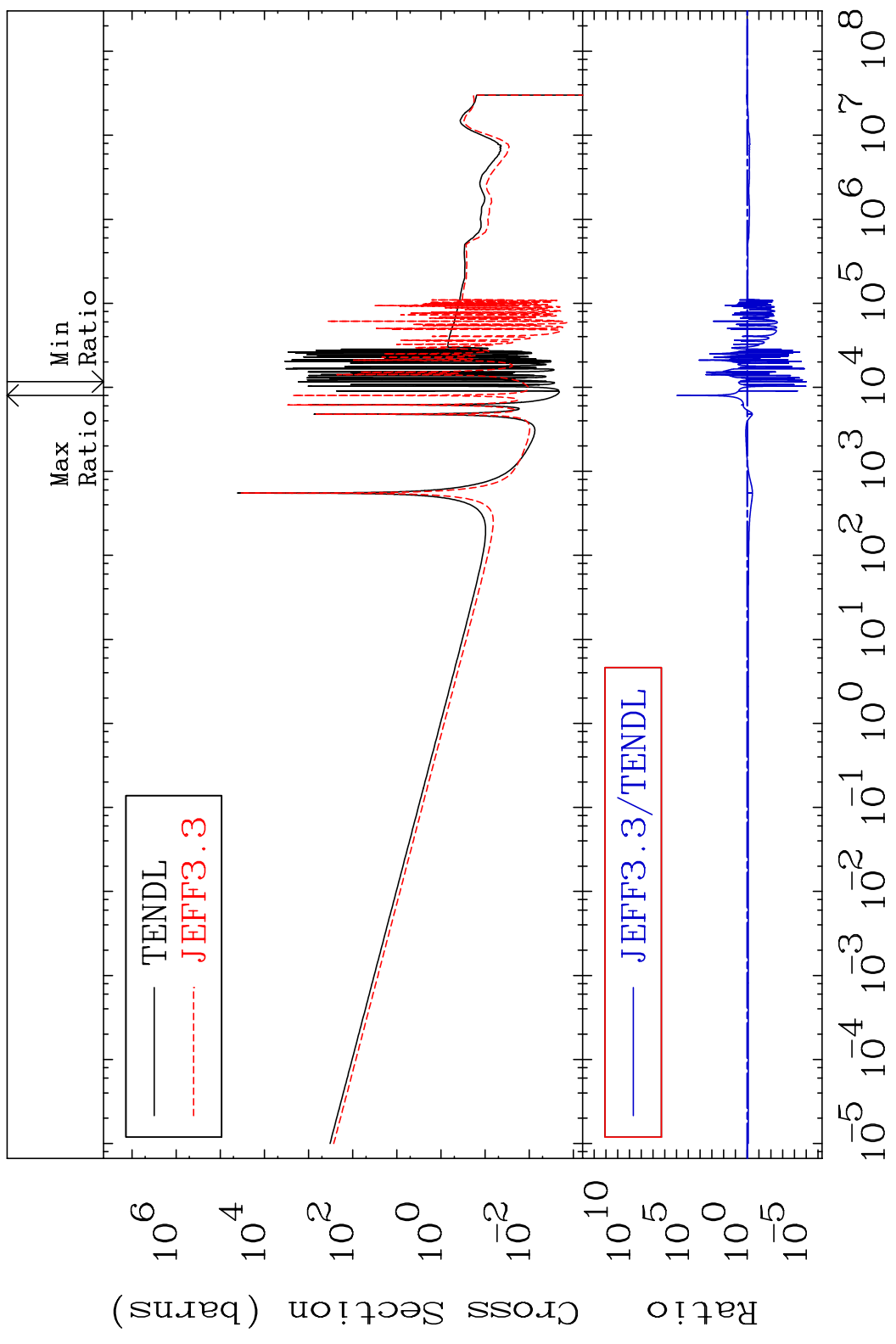


MAT 3243 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-76  
 Cross Section -18.87 To 80.93 %



MAT 3243

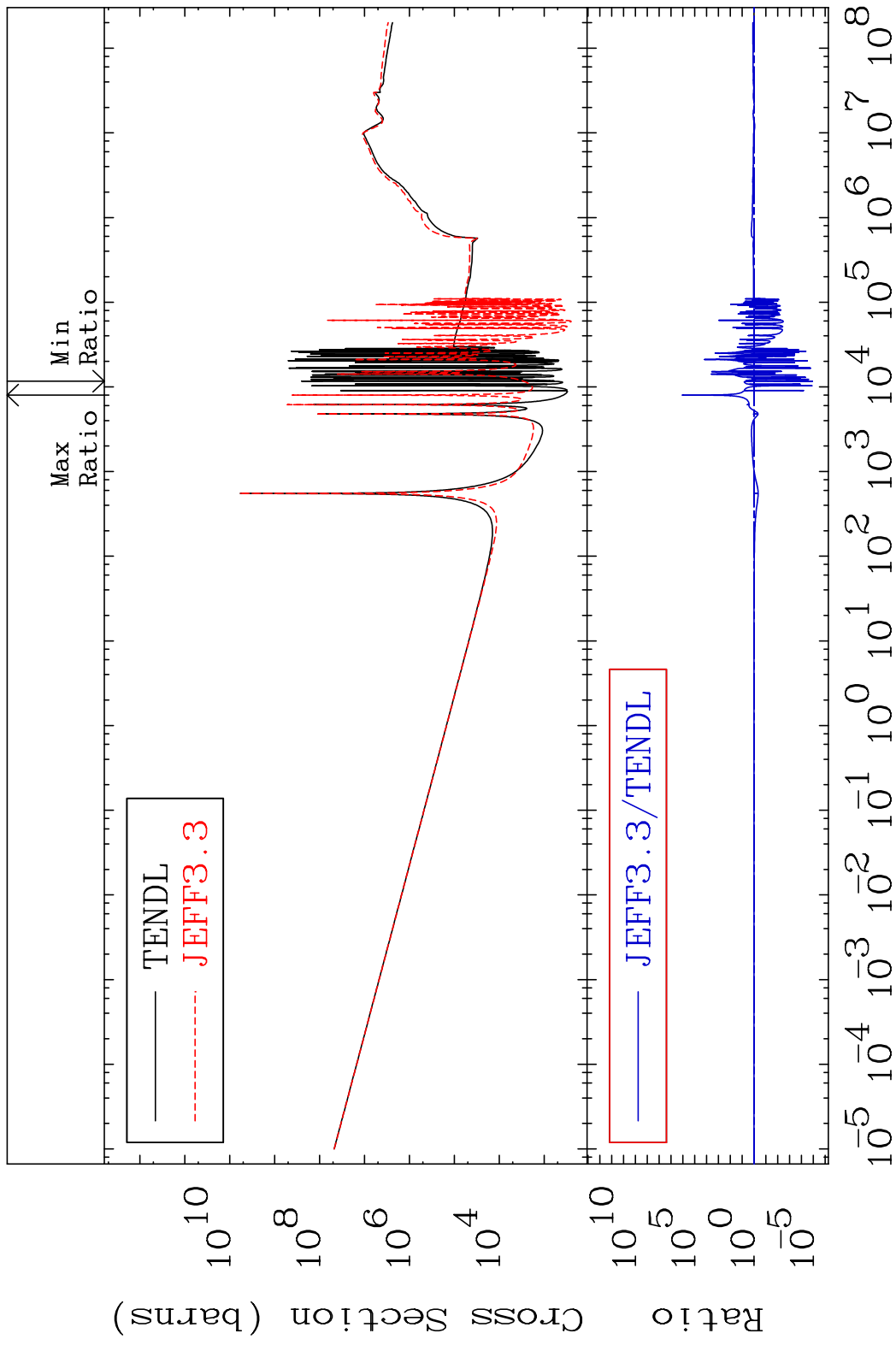
Kerma capture (mt102) 32-Ge-76  
Cross Section -100.0 To 9999. %



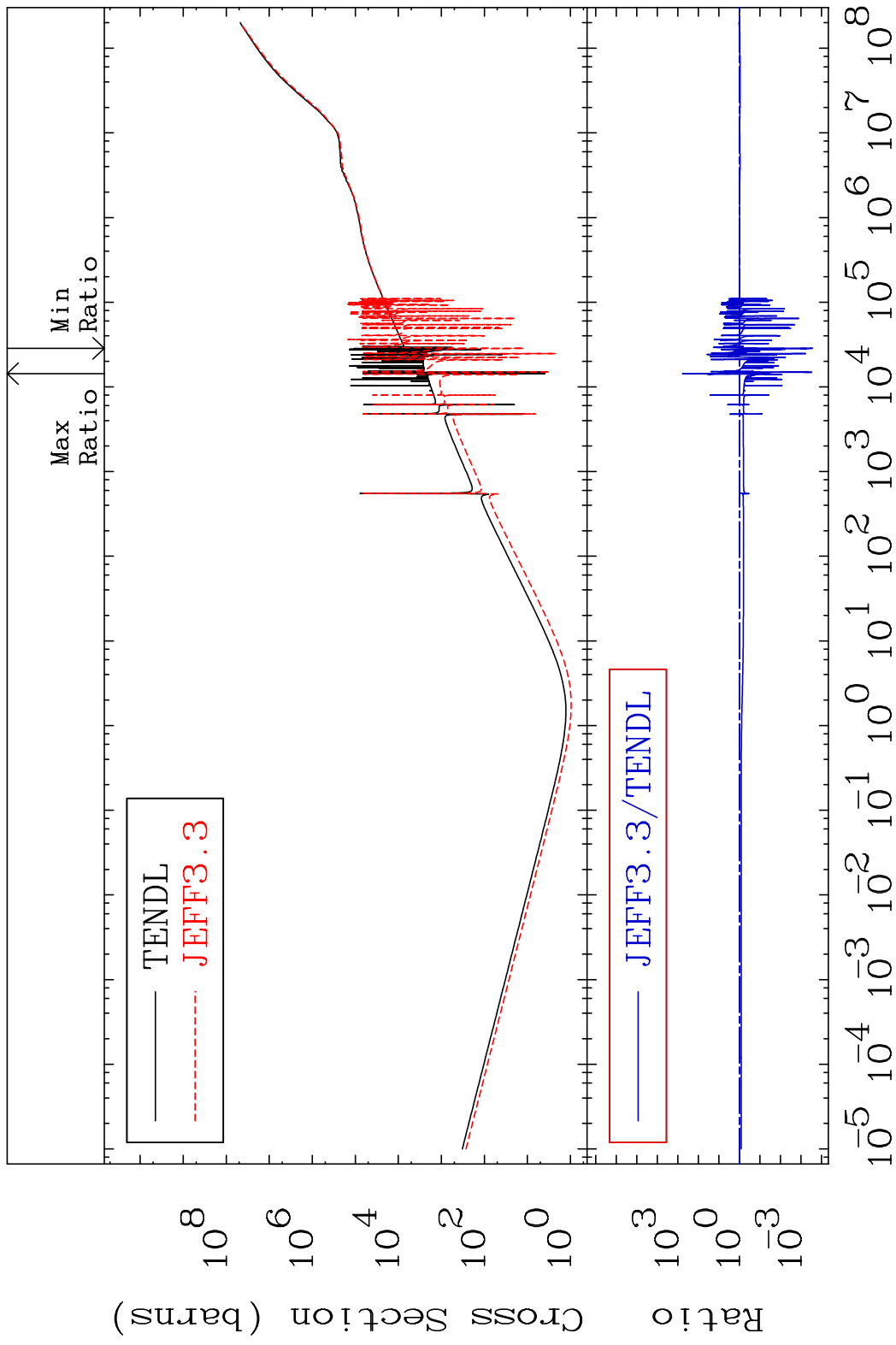
73

Incident Energy (eV) 32-Ge-76

MAT 3243 Total photon (eV-barns) 32-Ge-76  
 Cross Section -100.0 To 9999. %



MAT 3243 Total kinematic kerma (high limit) 32-Ge-76  
 Cross Section -99.97 To 9999. %

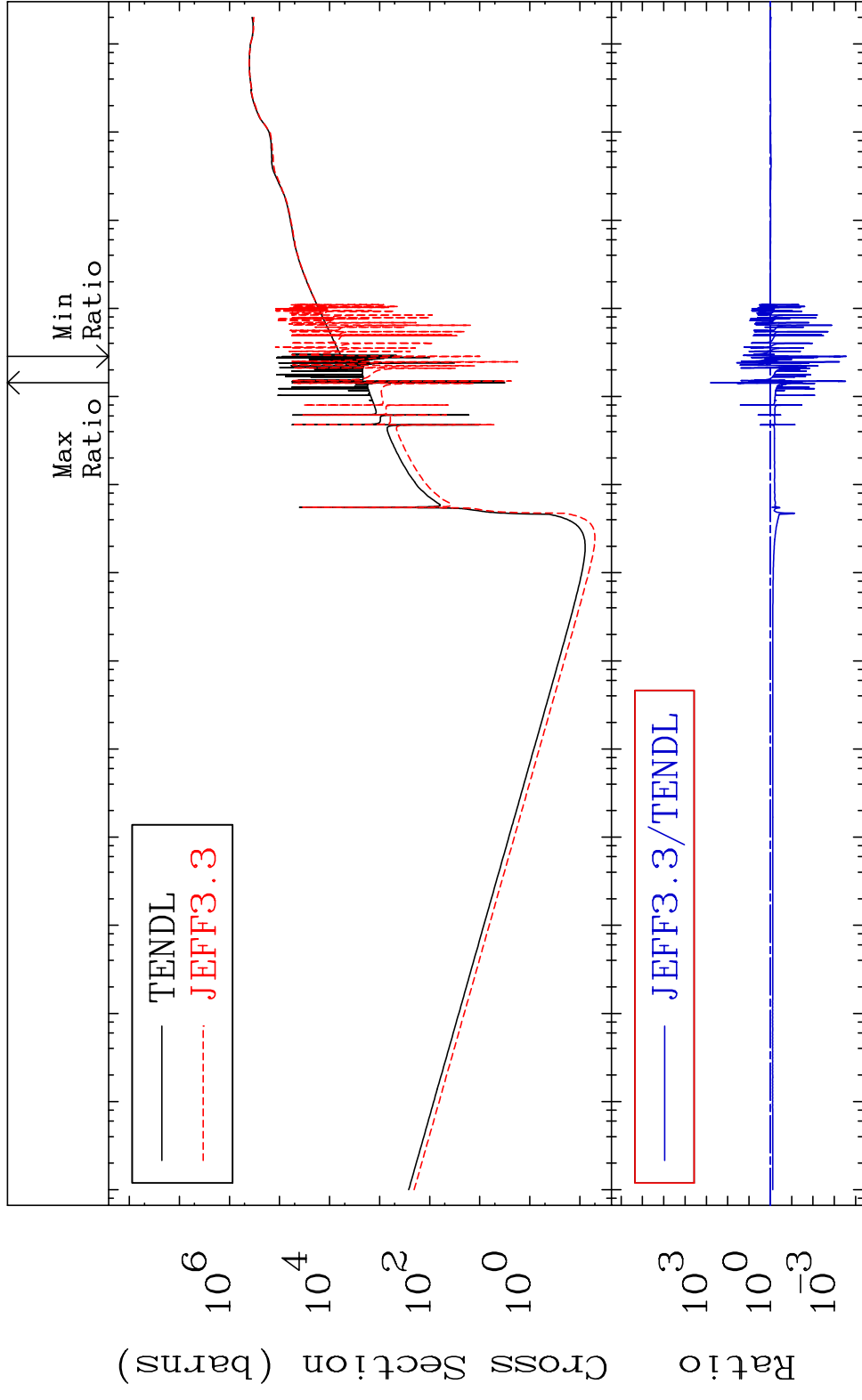


MAT 3243

Dpa total (eV-barns)

32-Ge-76

Cross Section -99.97 To 9999. %



76

Incident Energy (eV)

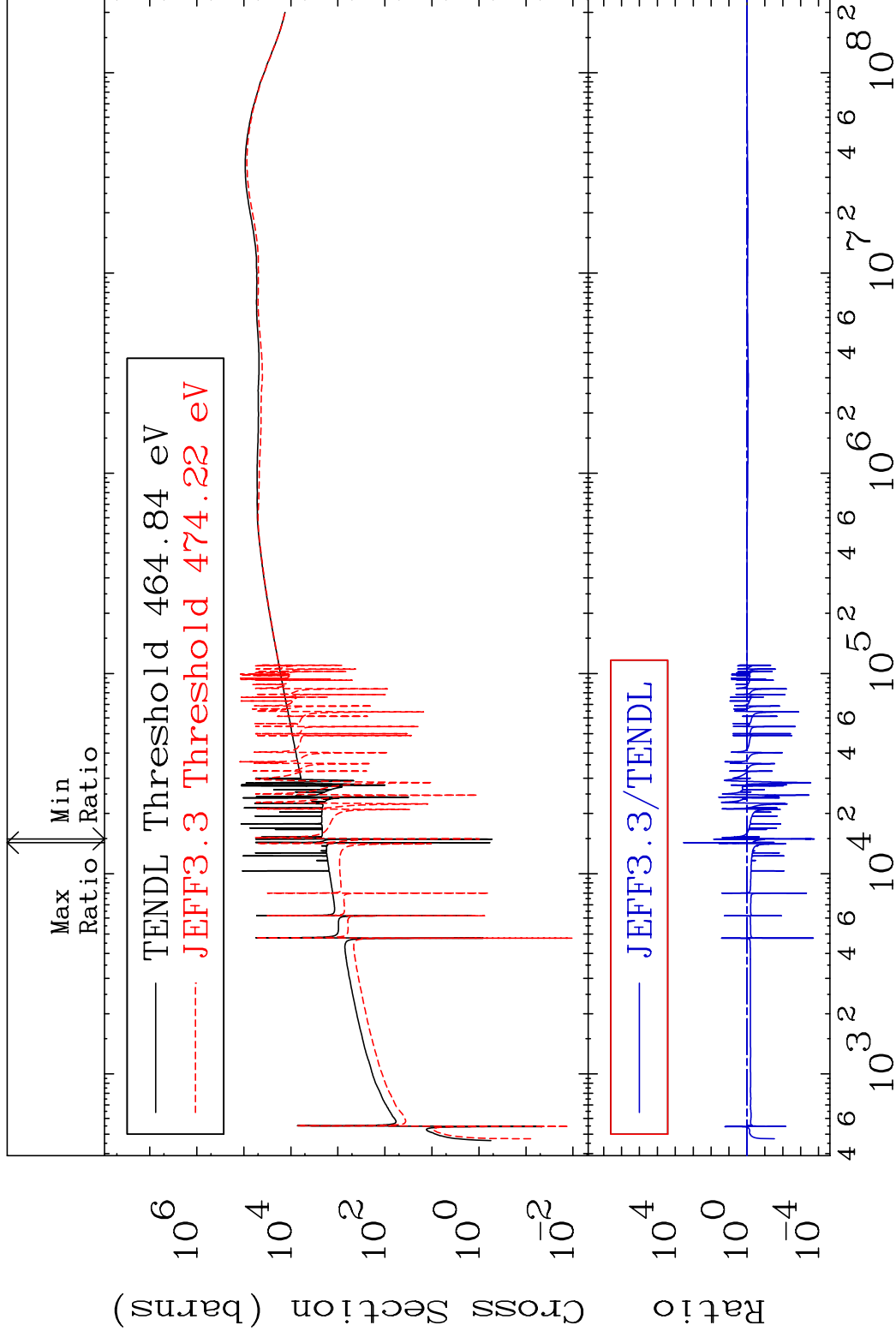
32-Ge-76

MAT 3243

Dpa elastic (mt2)

32-Ge-76

Cross Section -99.98 To 9999. %

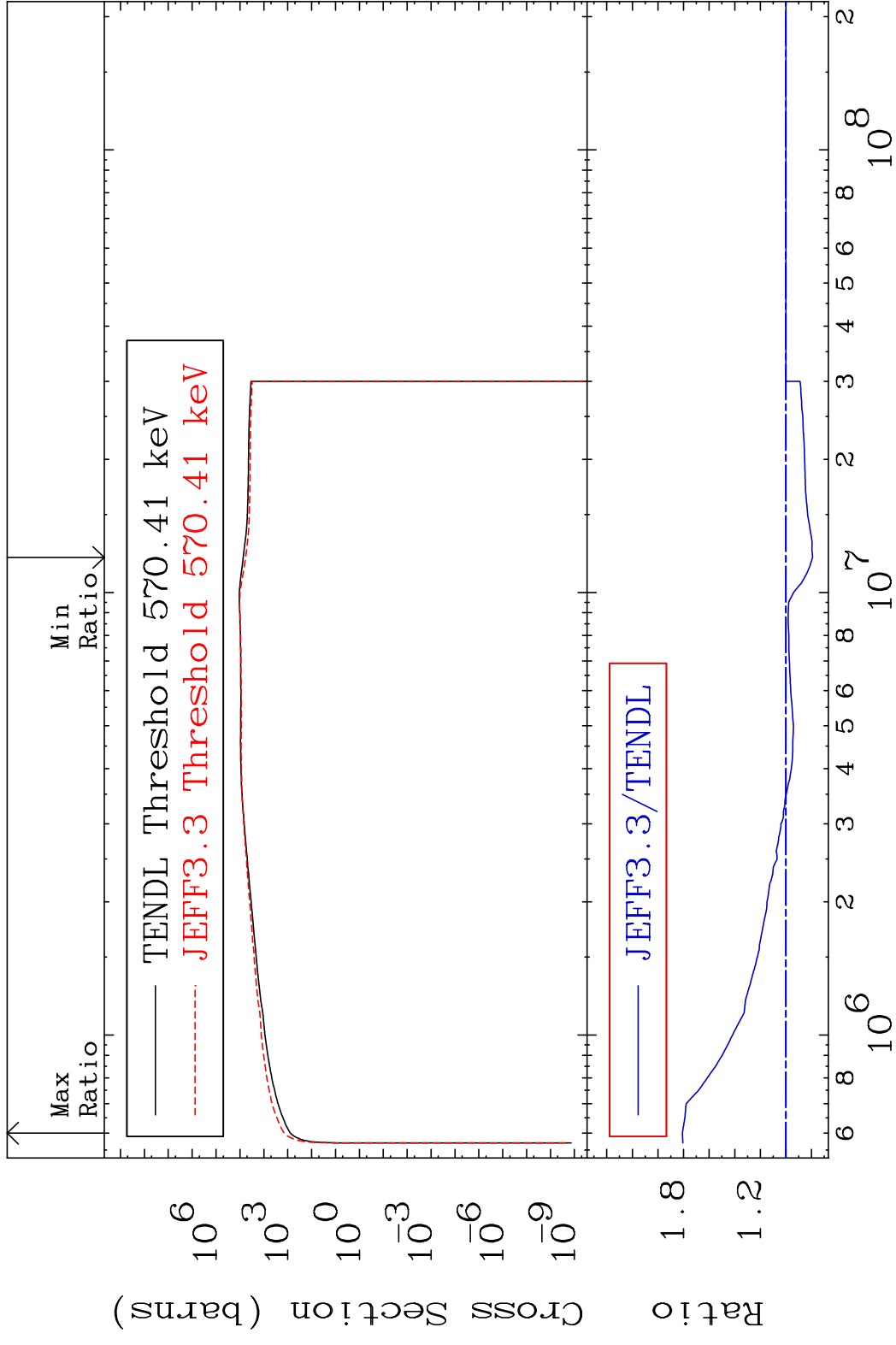


77

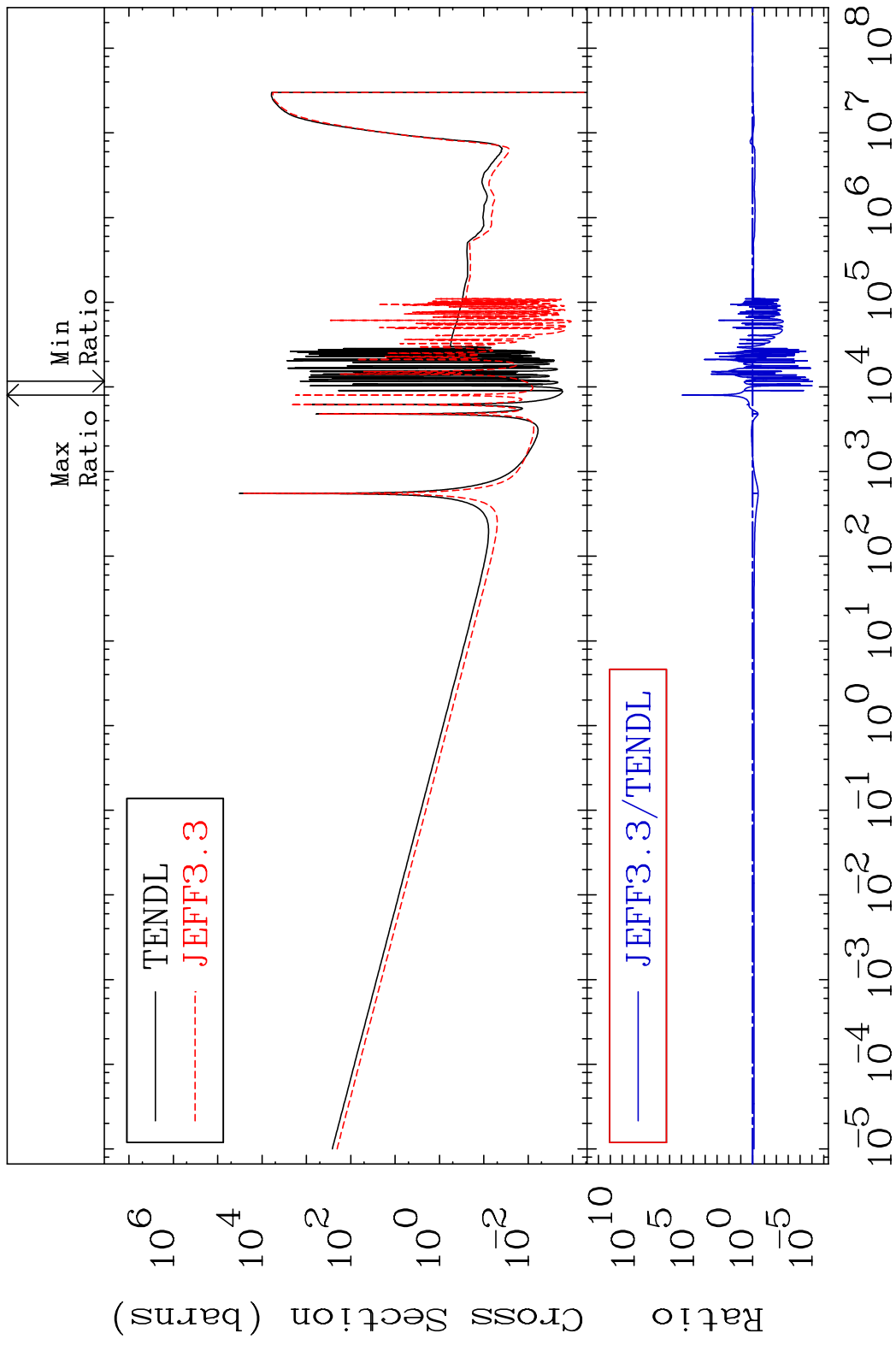
Incident Energy (eV)

32-Ge-76

MAT 3243 Dpa inelastic (mt51-91) 32-Ge-76  
 Cross Section -20.80 To 80.92 %

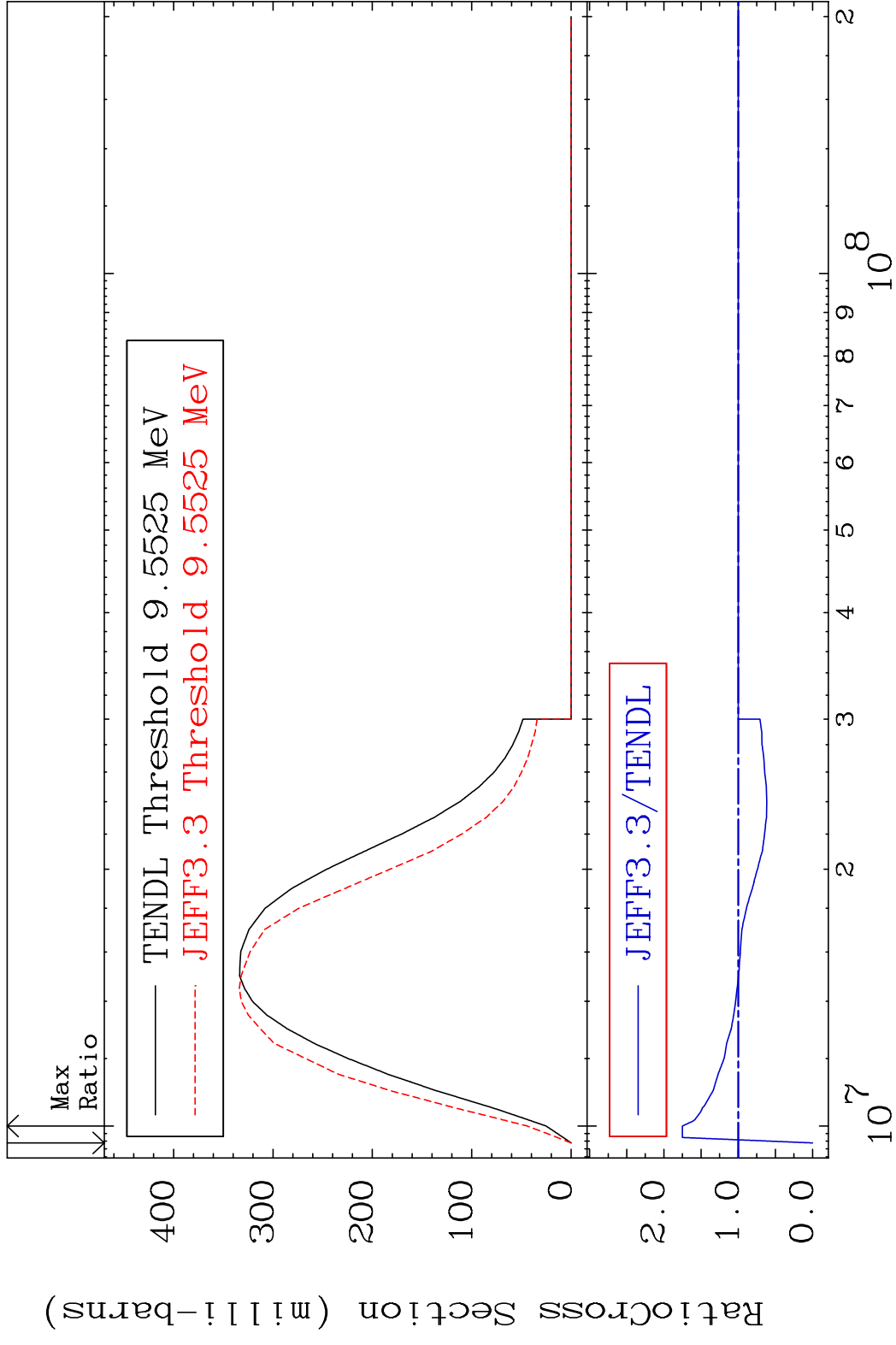


MAT 3243 Dpa disappearance (mt102 -120) 32-Ge-76  
 Cross Section -100.0 To 9999. %



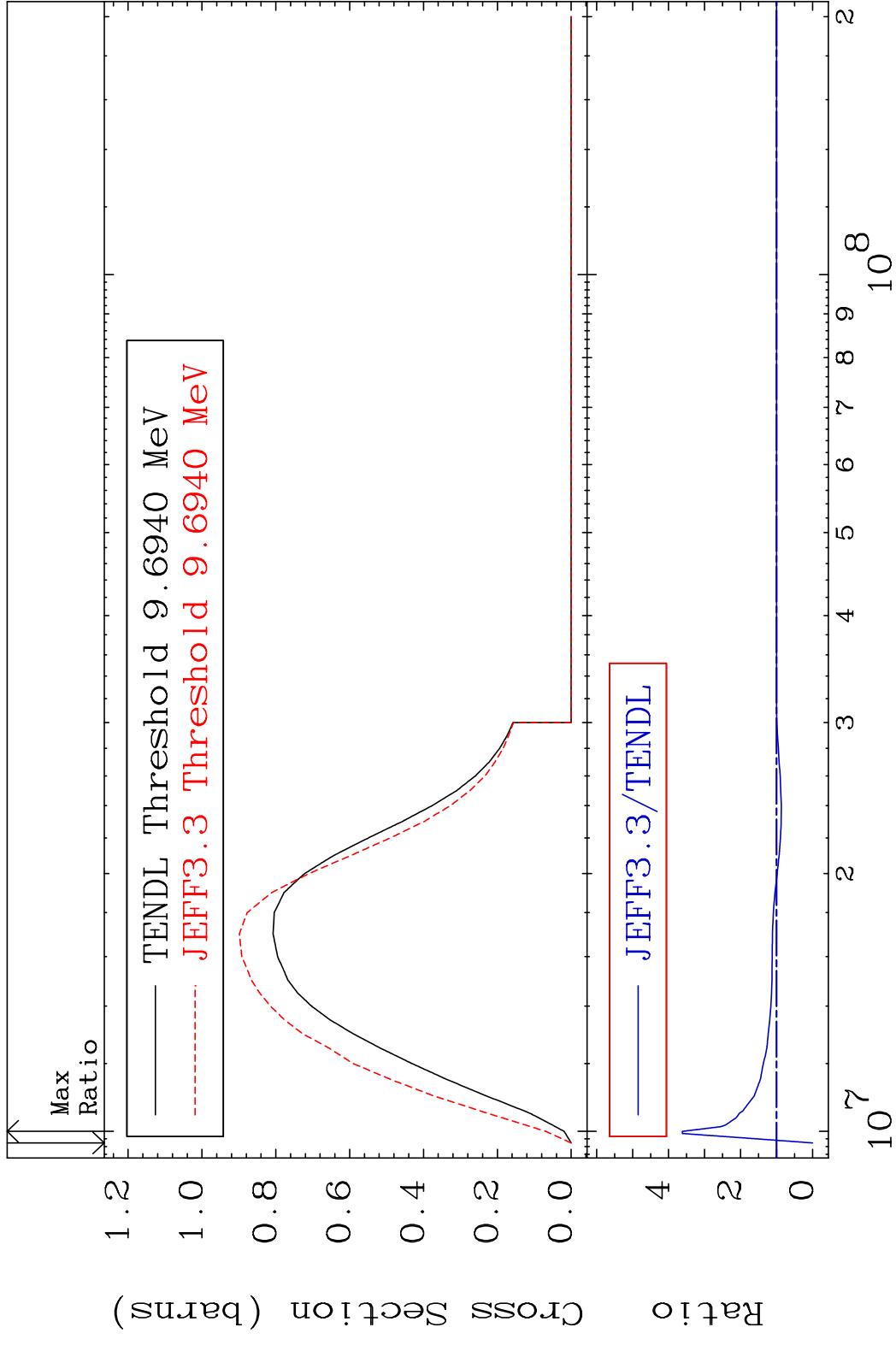


MAT 3243 (n,2n):32-Ge-75g 32-Ge-76  
 Radionuclide Production Cross Section 180.01 dth 75.18 %



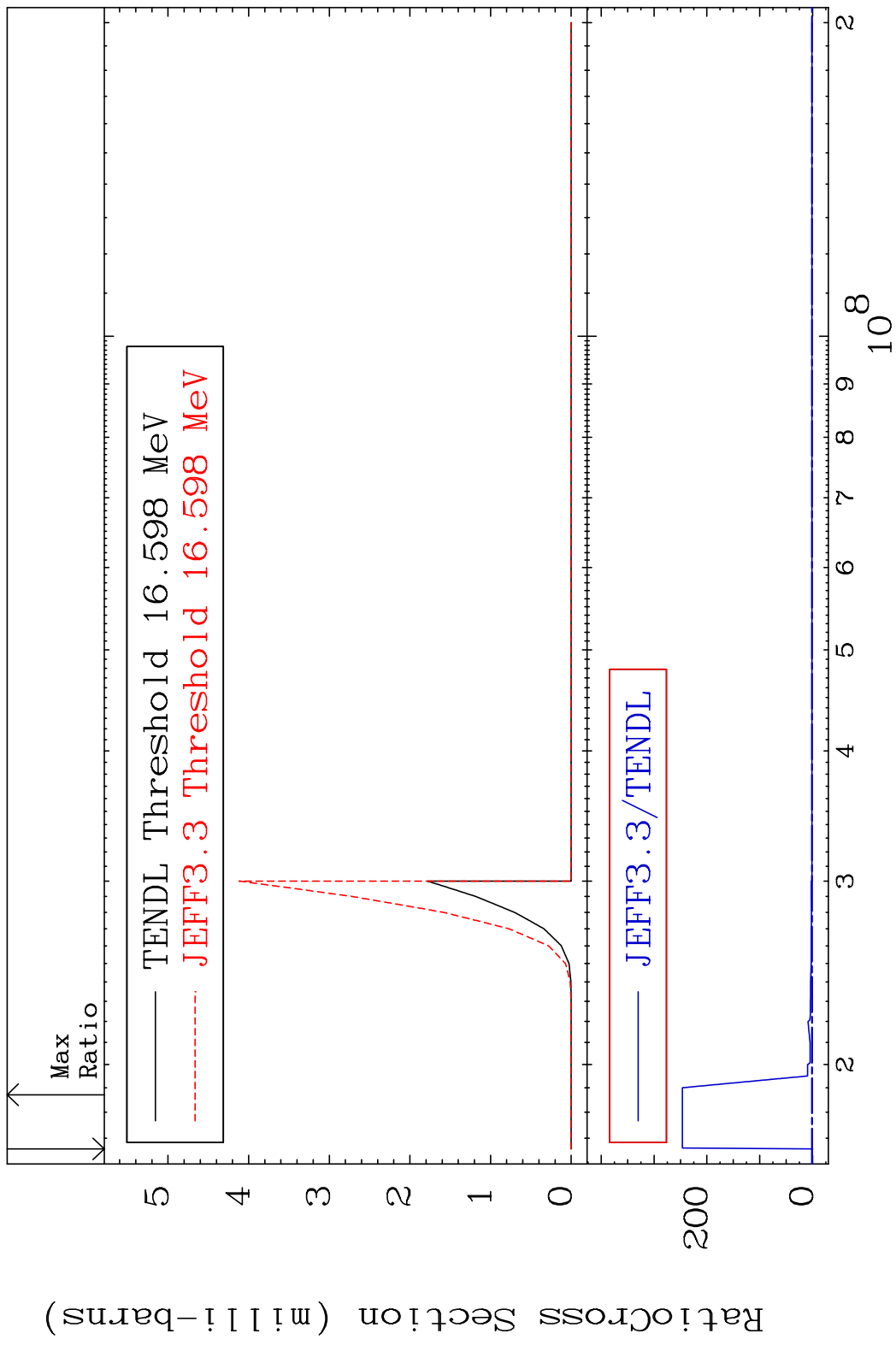
80 10<sup>7</sup> 10<sup>8</sup> 2 32-Ge-76

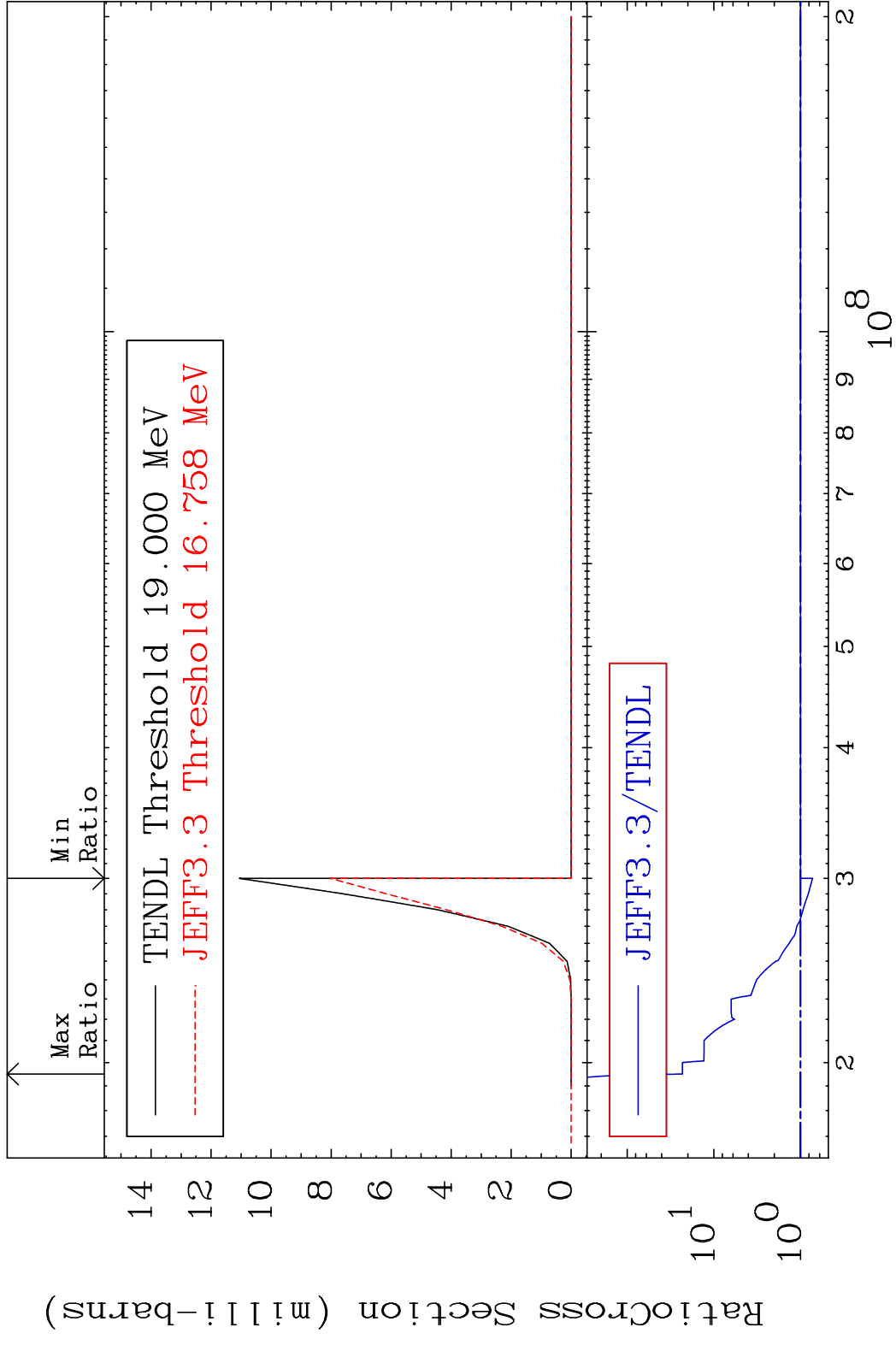
MAT 3243 (n,2n):32-Ge-75m2 32-Ge-76  
 Radionuclide Production Cross Section Ratio 261.7 %



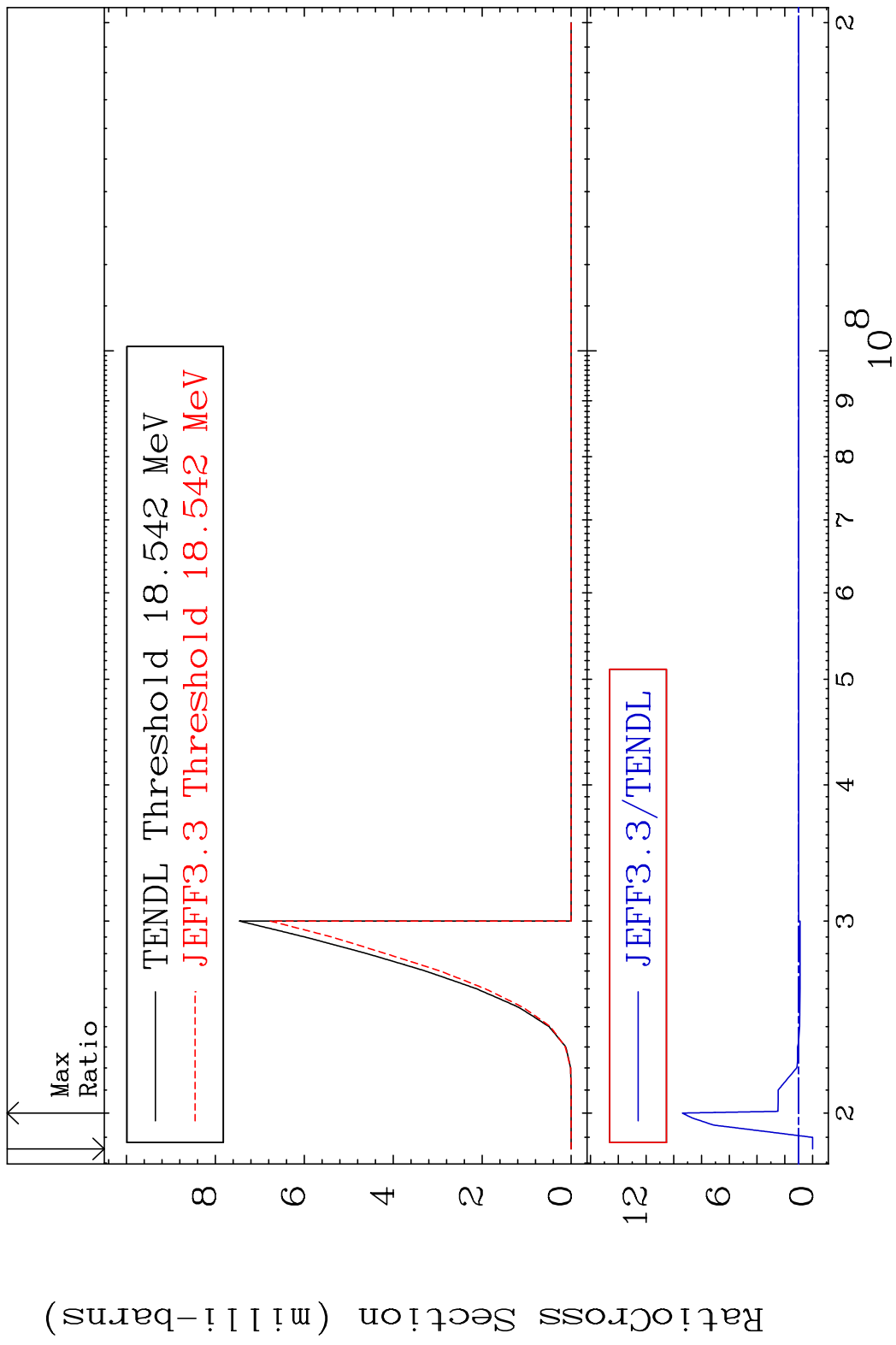
81 Incident Energy (eV) 32-Ge-76

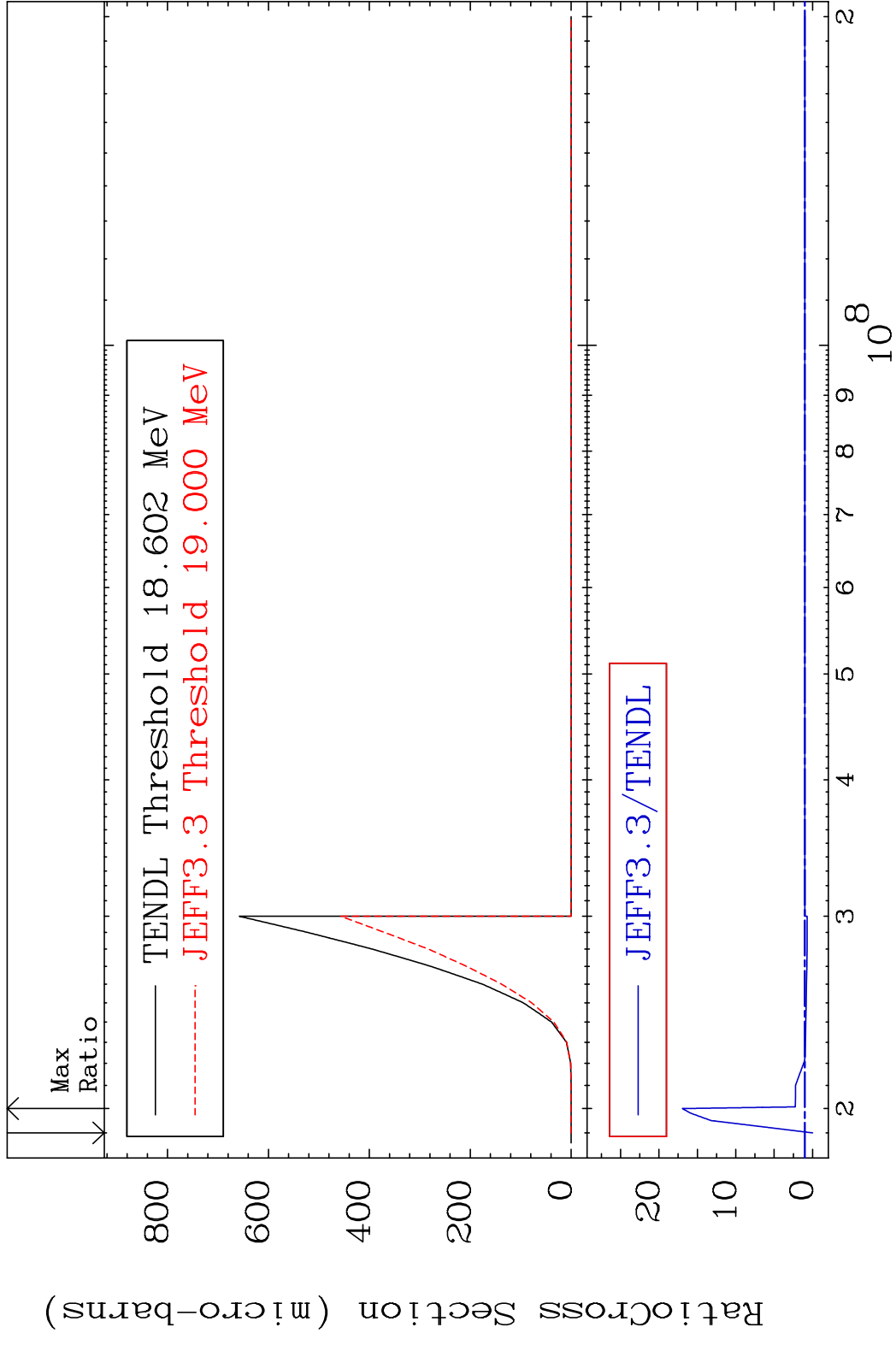
MAT 3243 (n,2n)  $\alpha$ :30-Zn-71g 32-Ge-76  
 Radionuclide Production Cross Section Ratio



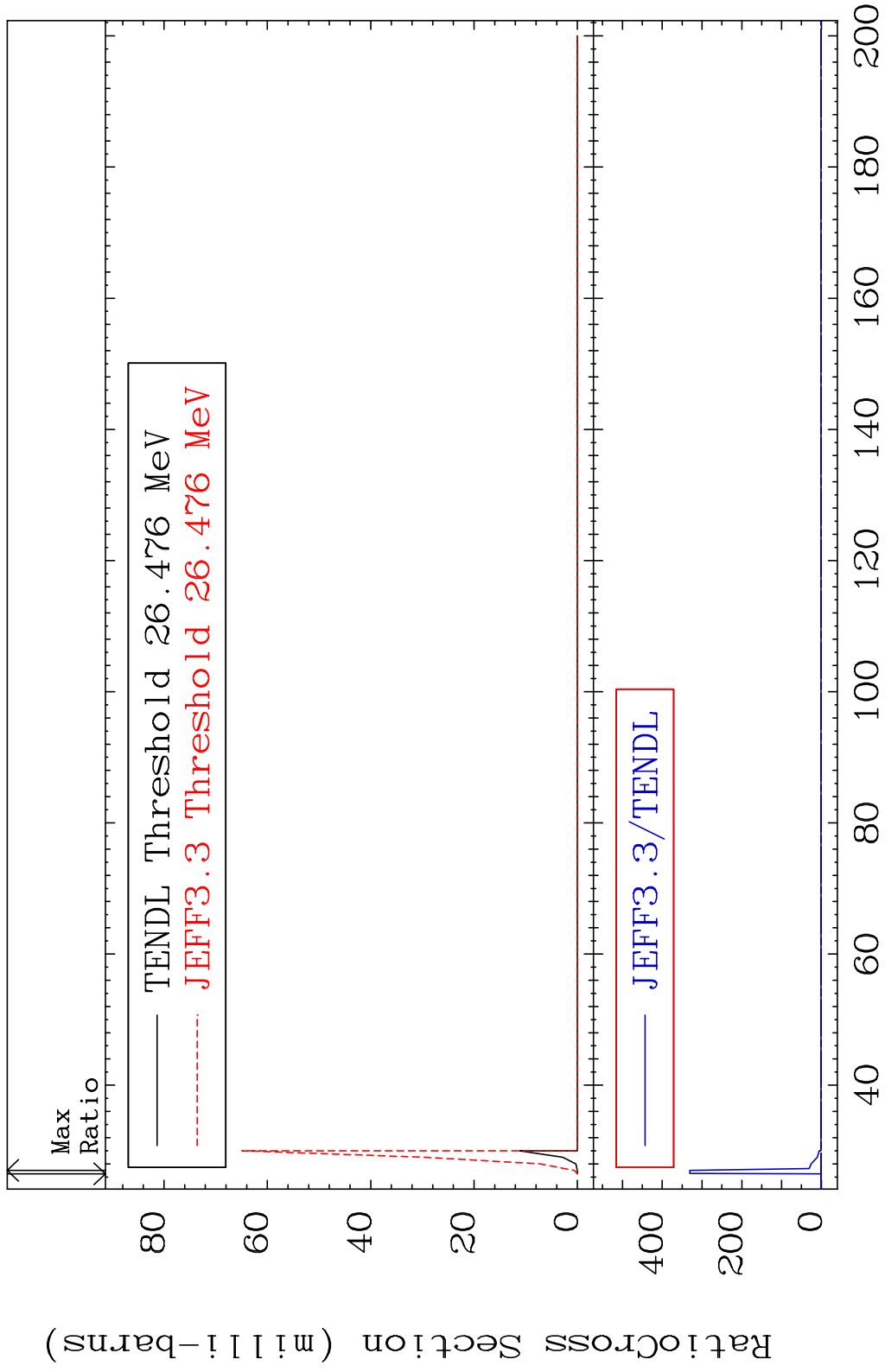


MAT 3243 (n, n') d:31-Ga-74g 32-Ge-76  
 Radionuclide Production Cross Section 18.542 MeV 838.3 %

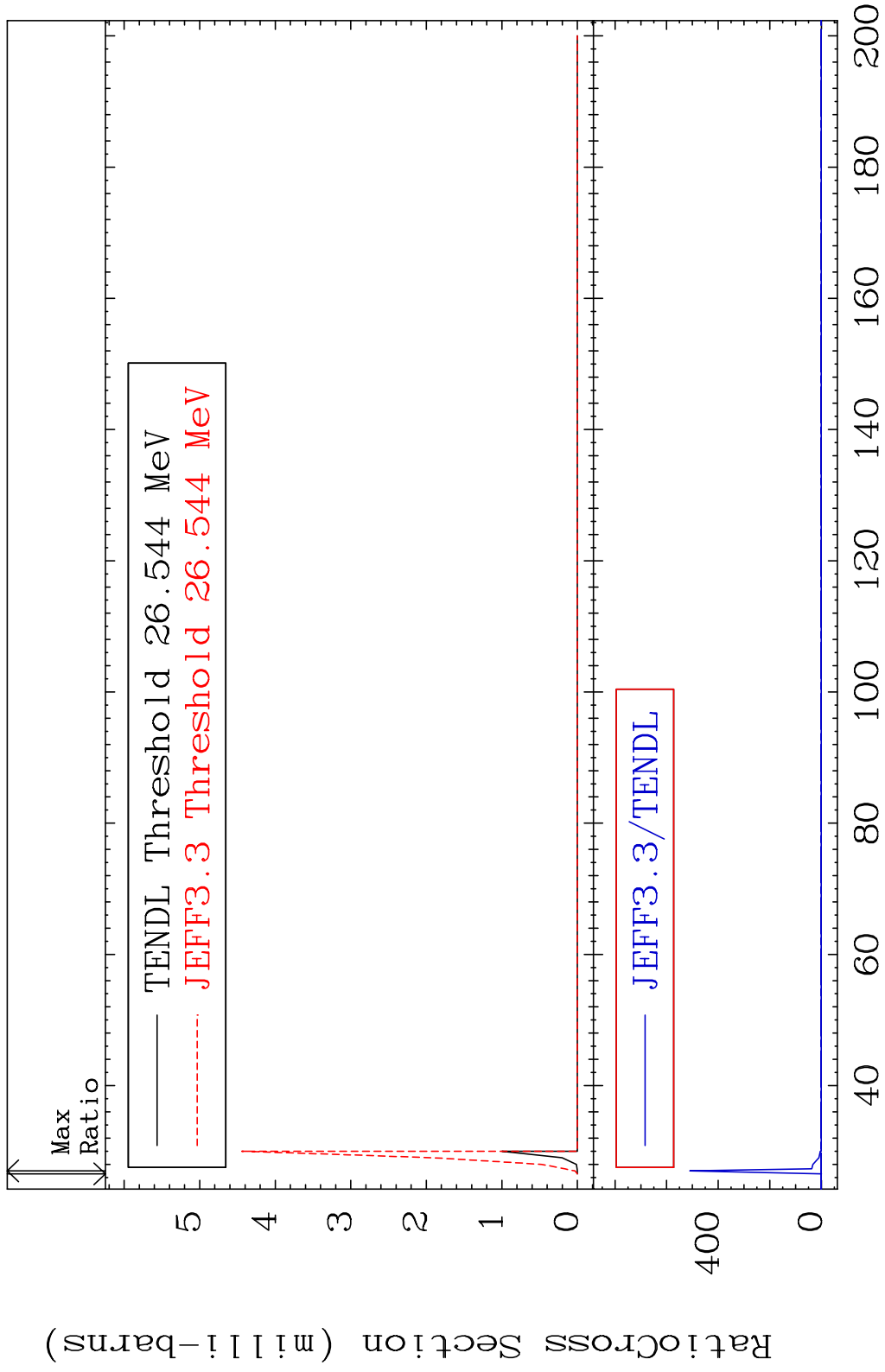




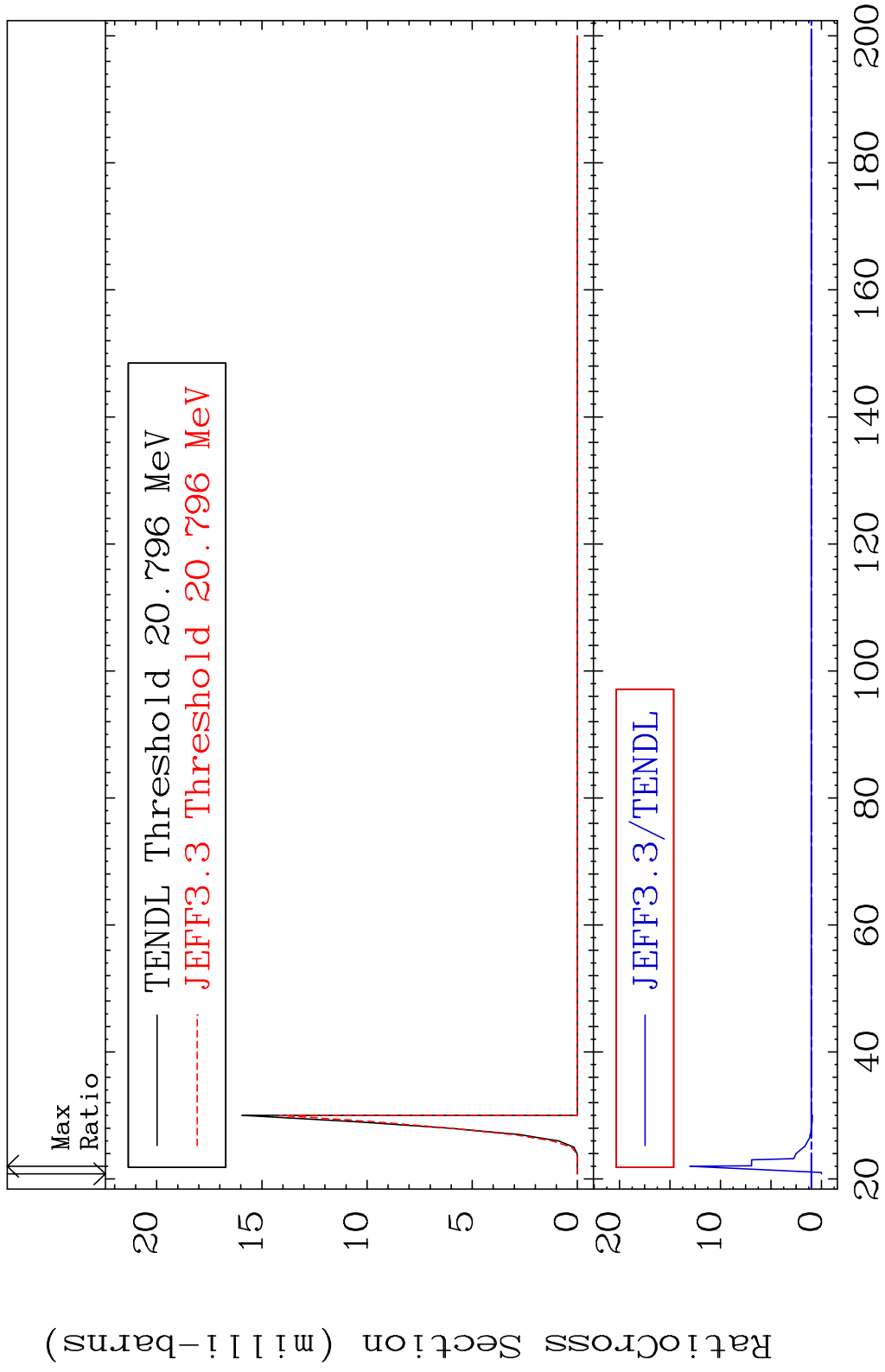
MAT 3243 (n,4n):32-Ge-73g 32-Ge-76  
 Radionuclide Production Cross Section Ratio 9999. %

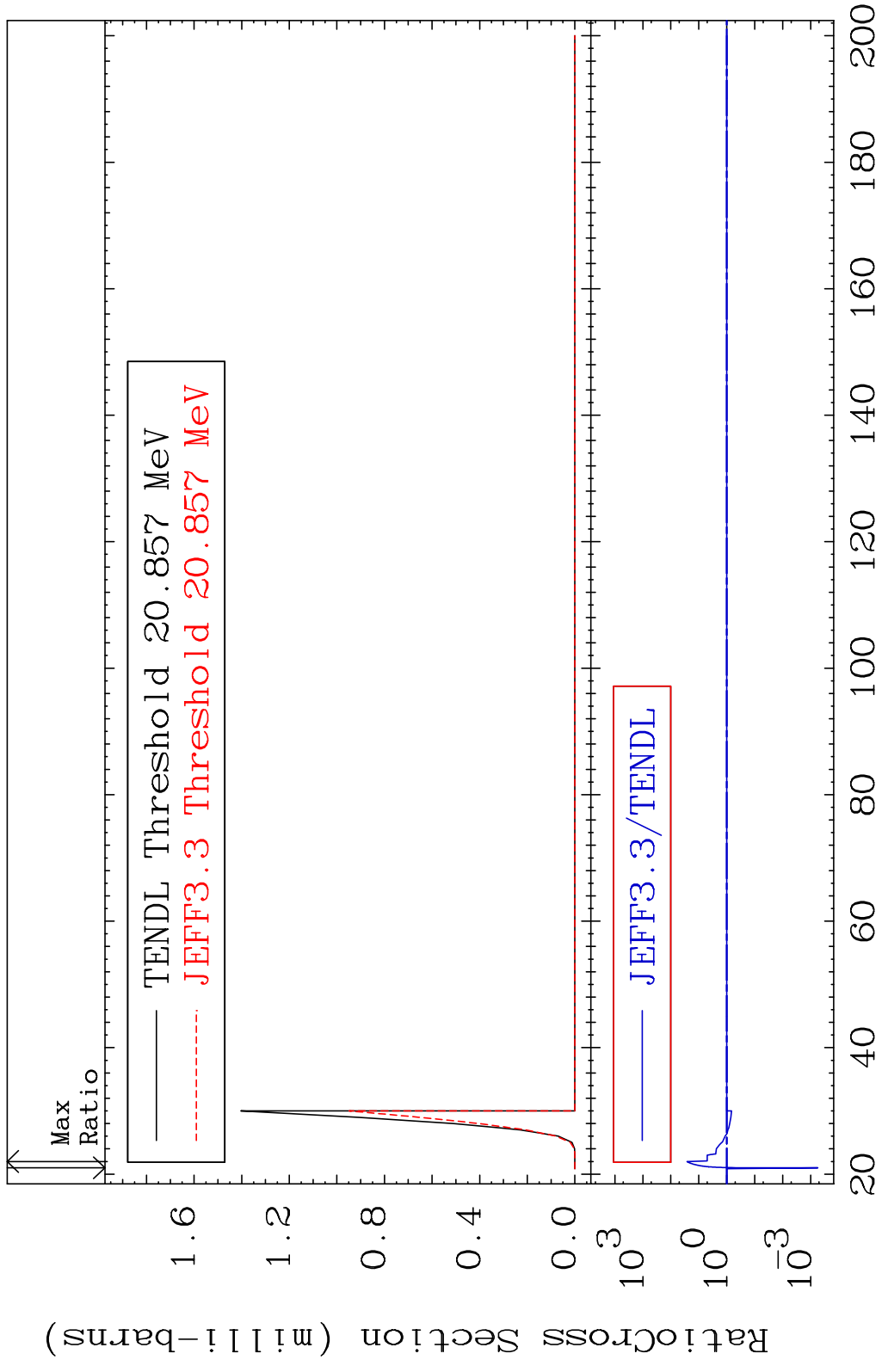


MAT 3243 (n,4n):32-Ge-73m2 32-Ge-76  
 Radionuclide Production Cross Section Ratio 9999. %

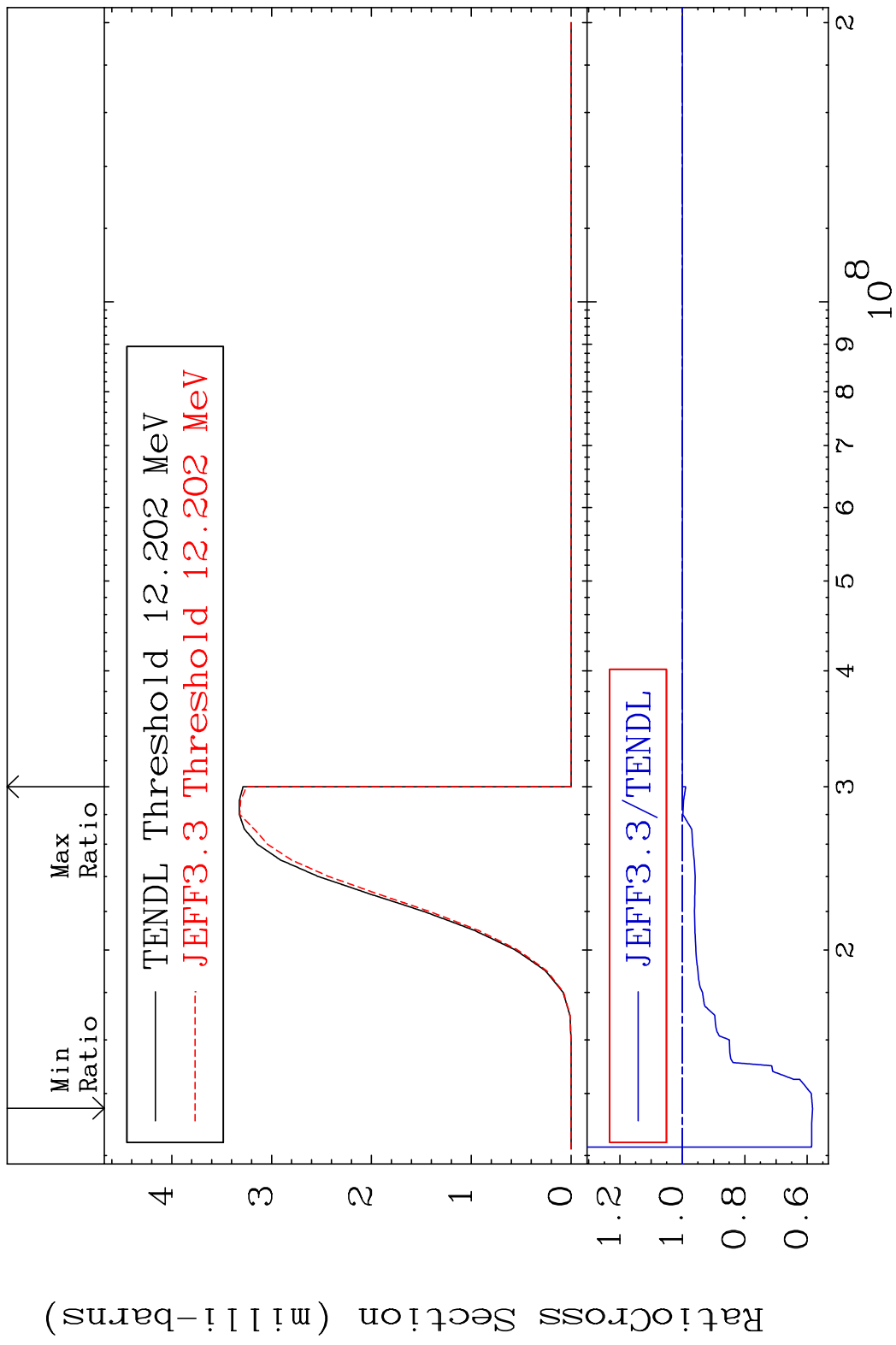








MAT 3243 (n, t):31-Ga-74g 32-Ge-76  
 Radionuclide Production Cross Section 0.000 %



MAT 3243 (n, t):31-Ga-74m2 32-Ge-76  
 Radionuclide Production Cross Section 18.21 %

