

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

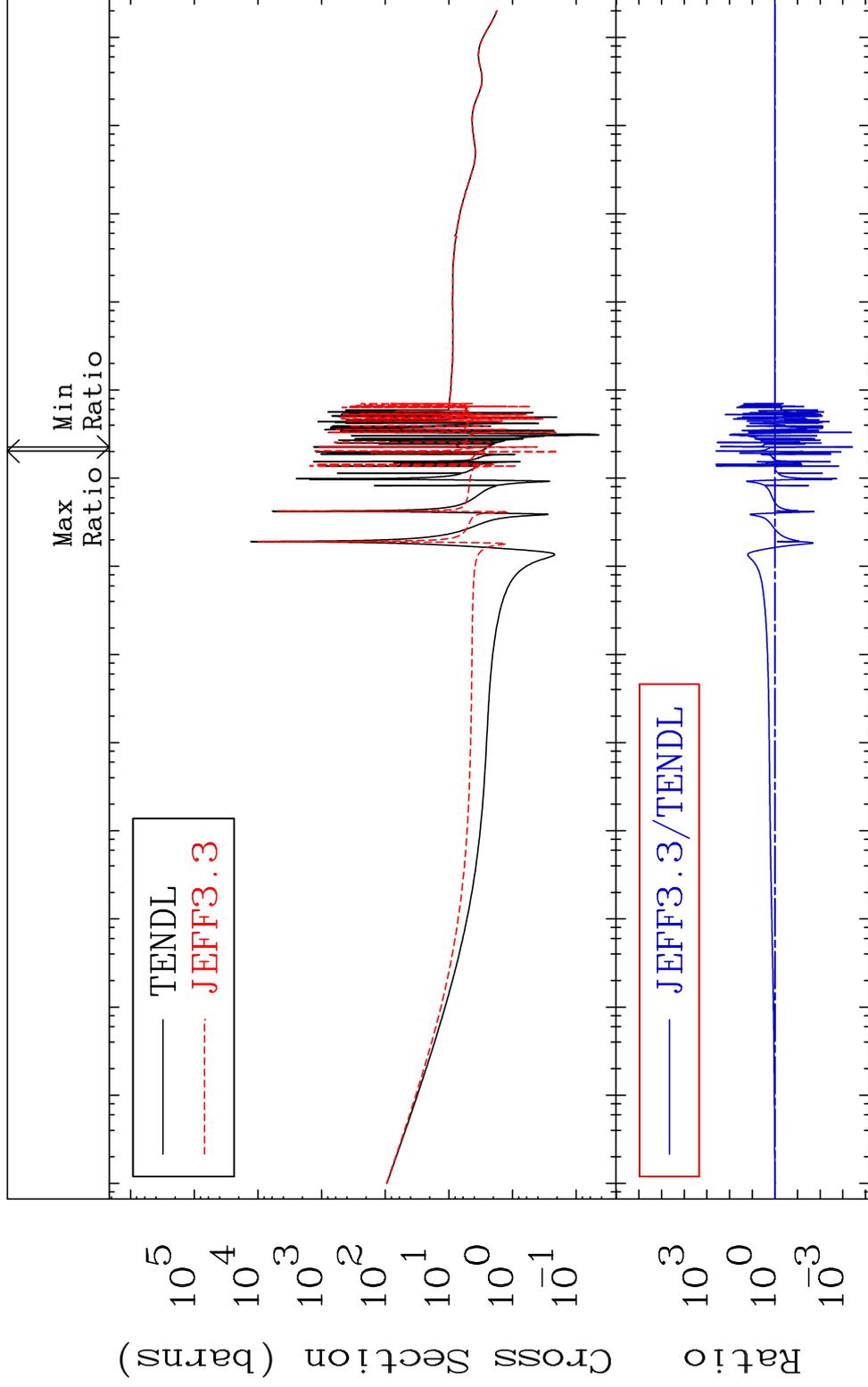
MAT 4625

Total

46-Pd-102

Cross Section

-99.96 To 9999. %



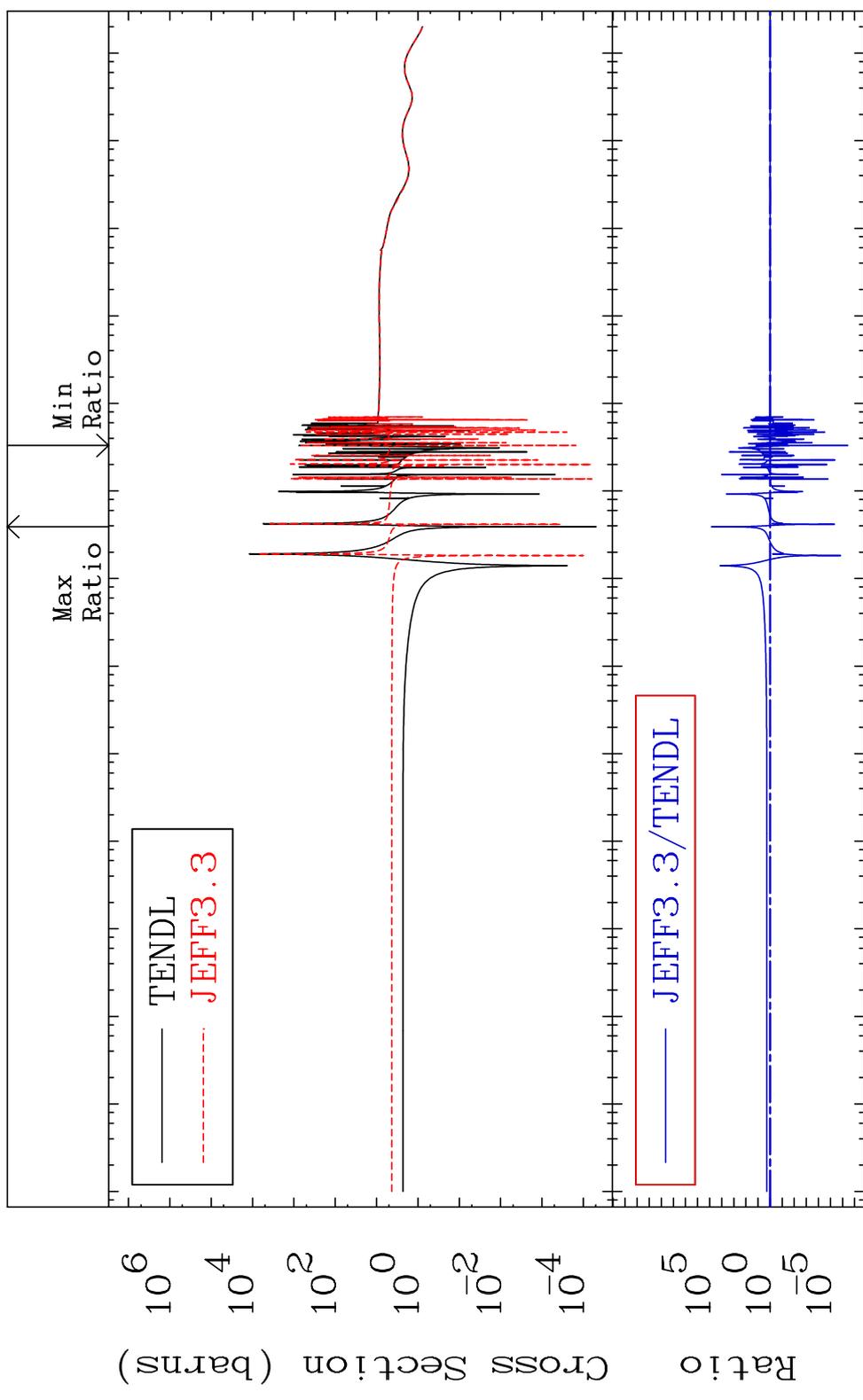
1

Incident Energy (eV)

46-Pd-102

MAT 4625

Elastic Cross Section -100.0 To 9999. %  
46-Pd-102



Ratio  
10<sup>5</sup>  
10<sup>0</sup>  
10<sup>-5</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>

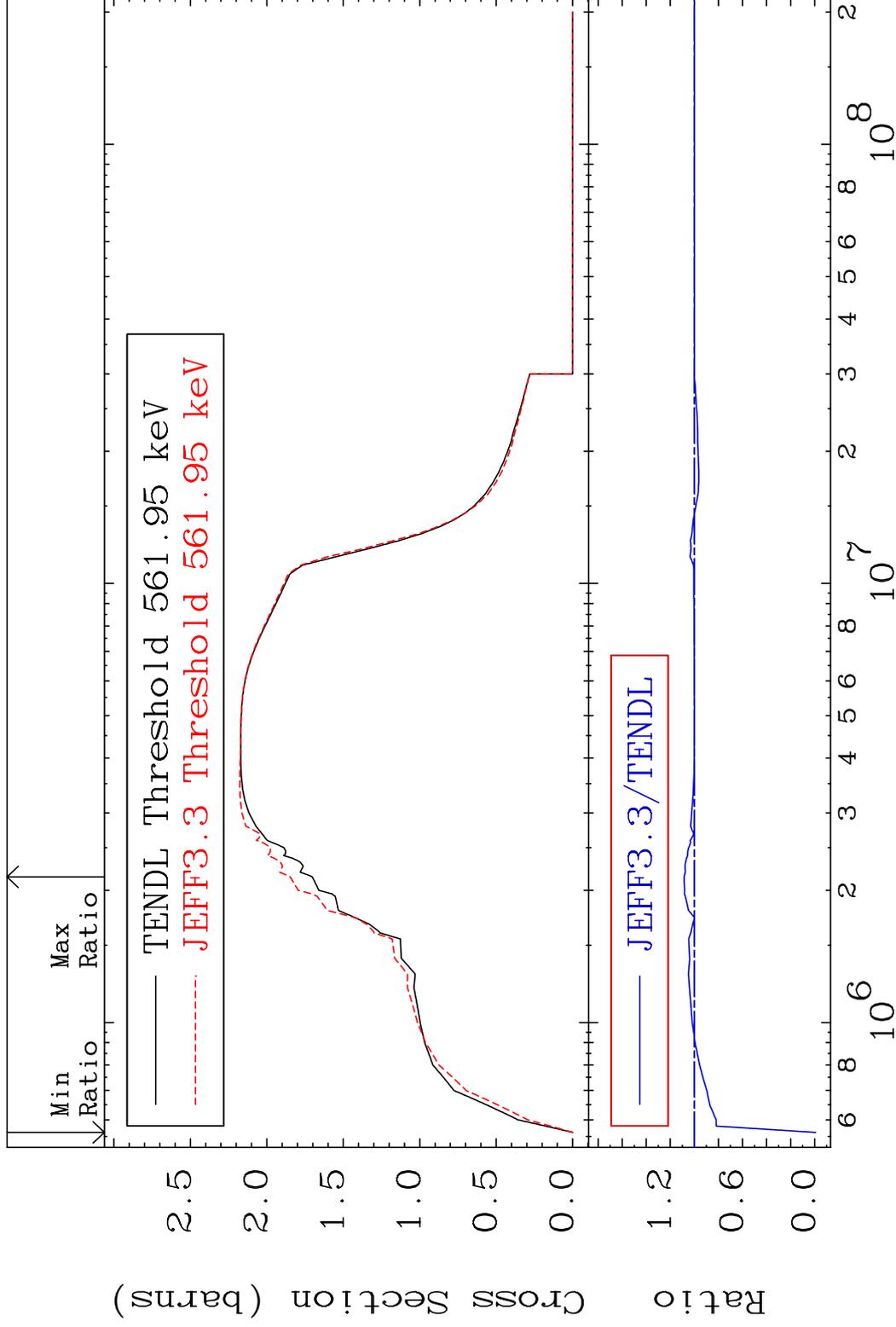
2 Incident Energy (eV) 46-Pd-102

MAT 4625

Inelastic

46-Pd-102

Cross Section -100.0 To 8.507 %



3

Incident Energy (eV)

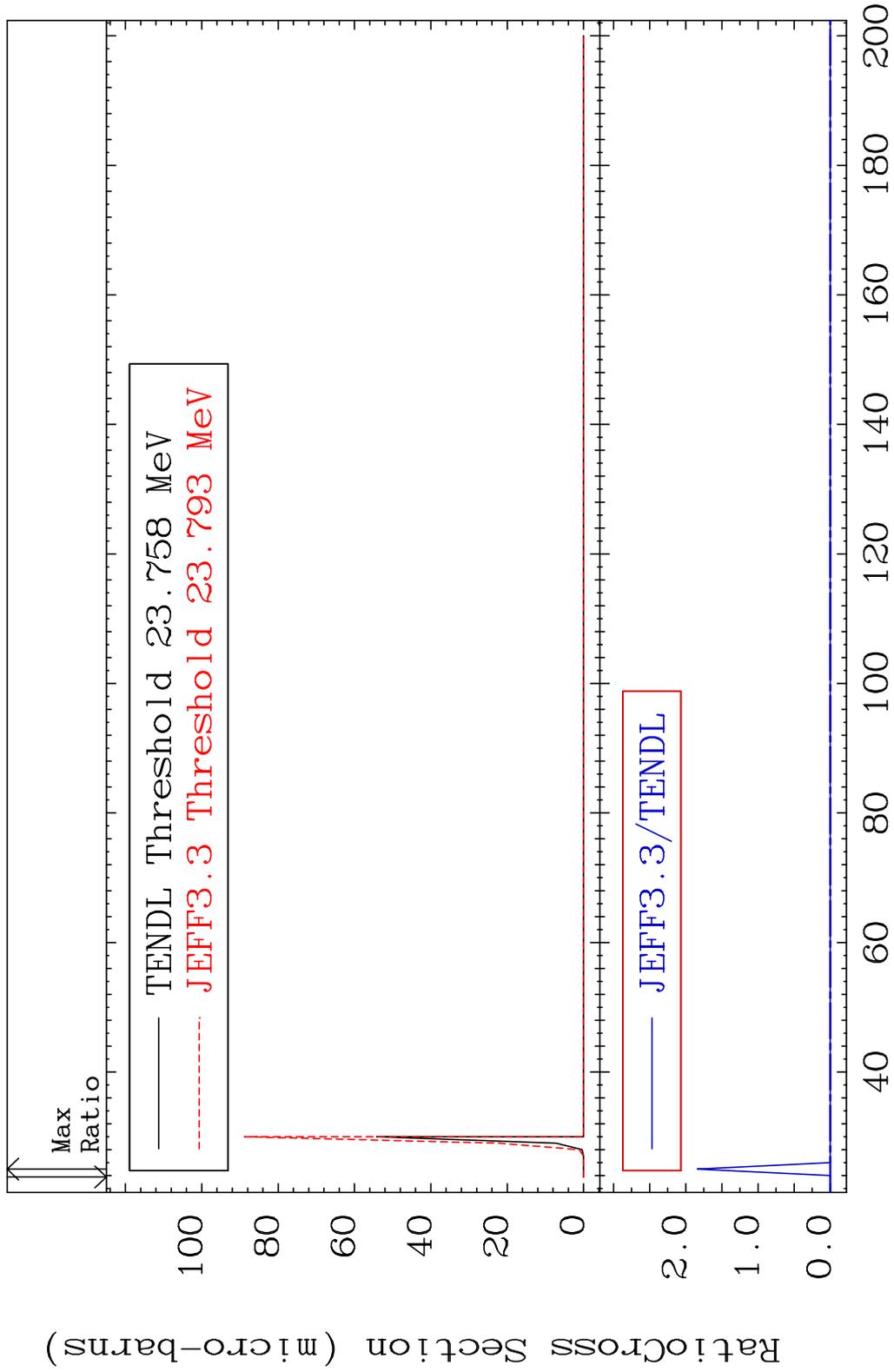
46-Pd-102

MAT 4625

(n,2n) d

46-Pd-102

Cross Section -100.0 To 9999. %

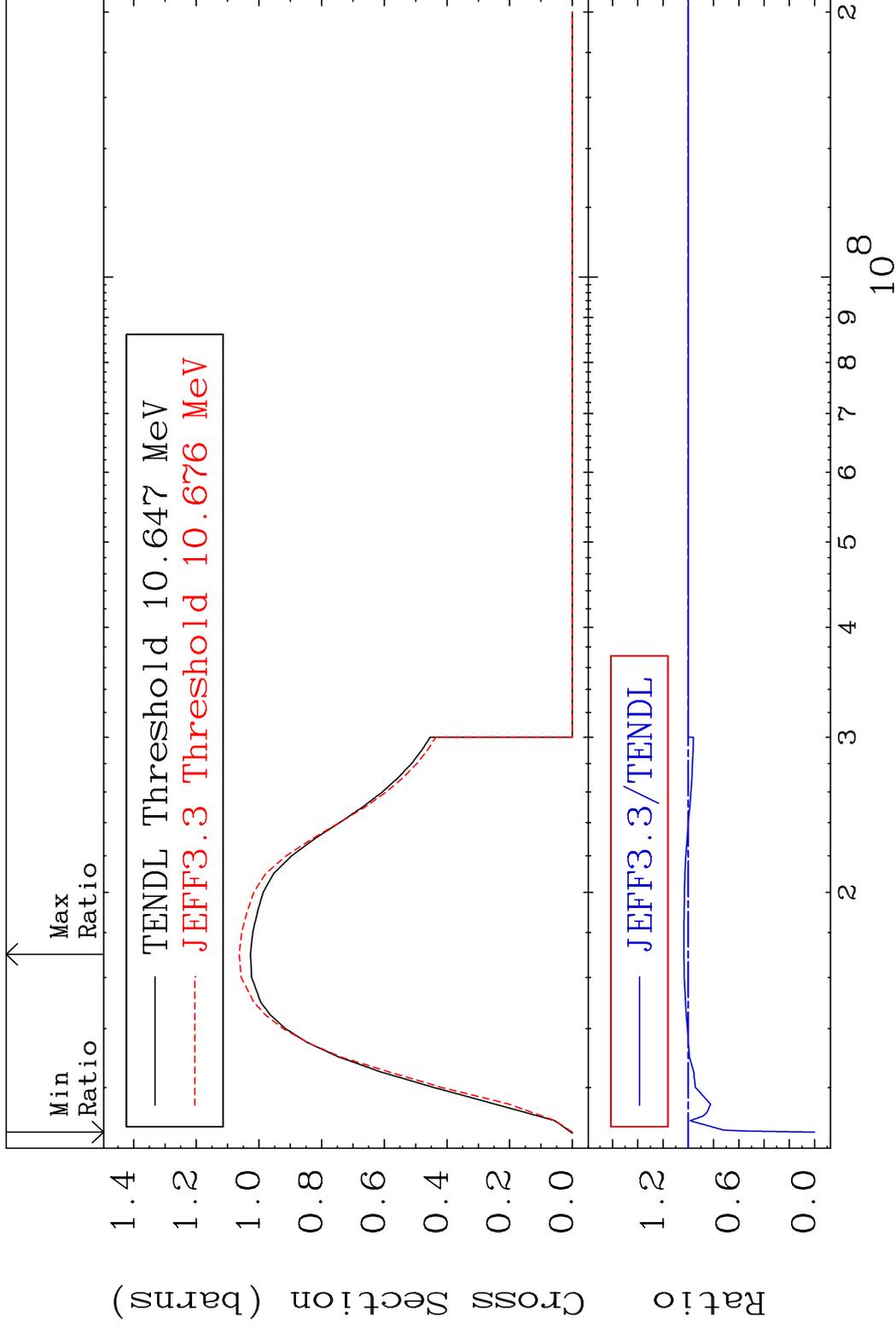


MAT 4625

(n,2n)

46-Pd-102

Cross Section -100.0 To 3.488 %

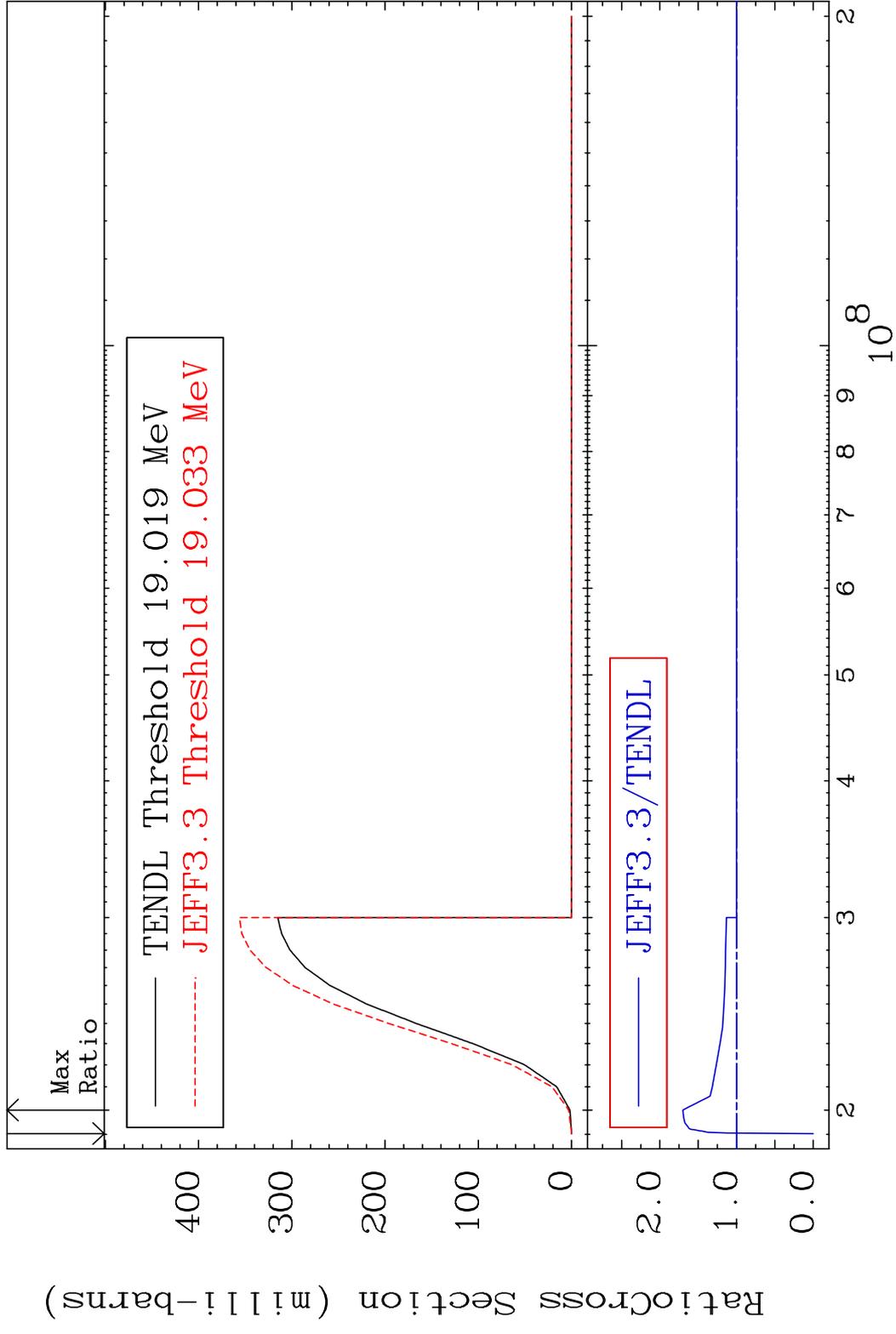


5

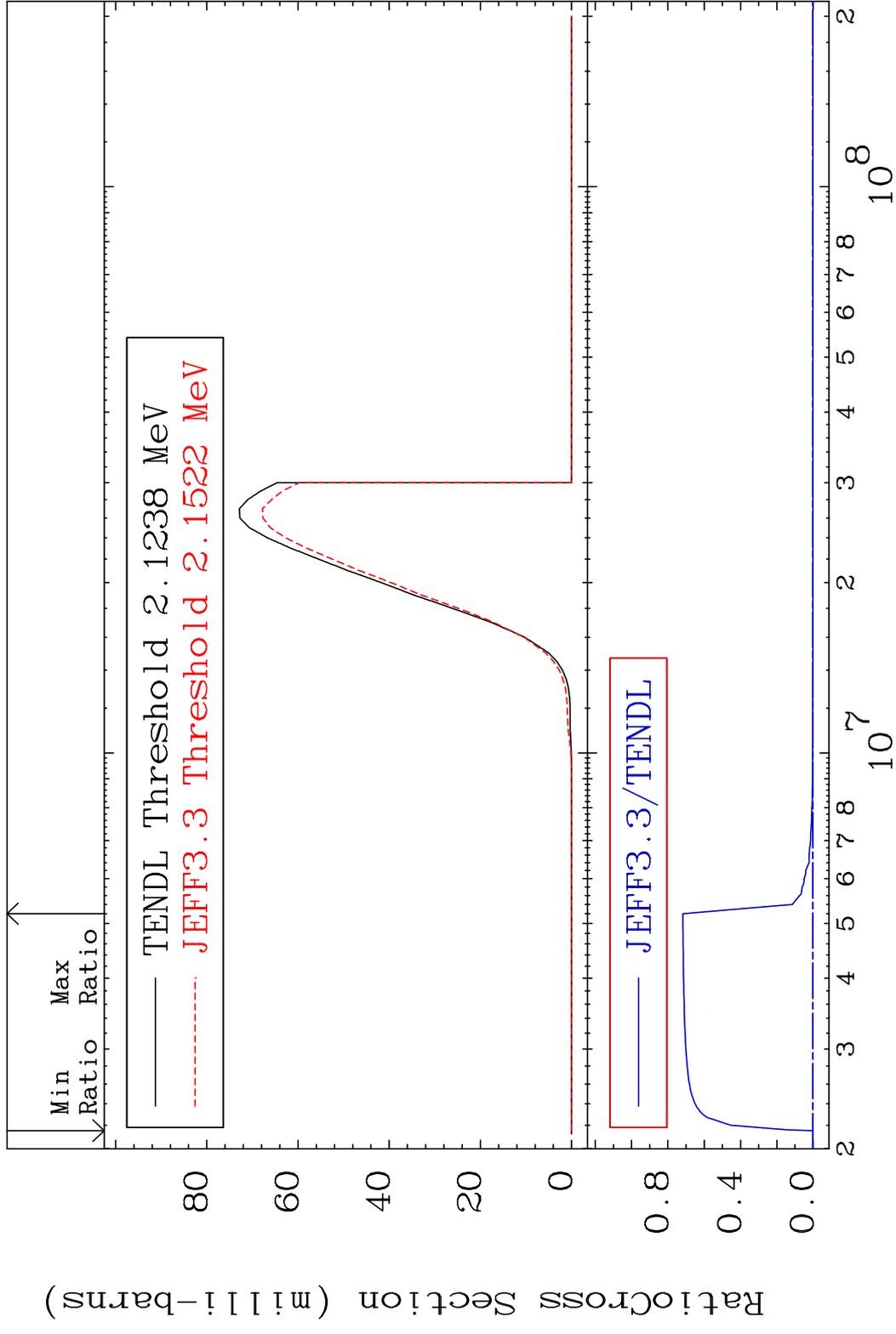
Incident Energy (eV)

46-Pd-102

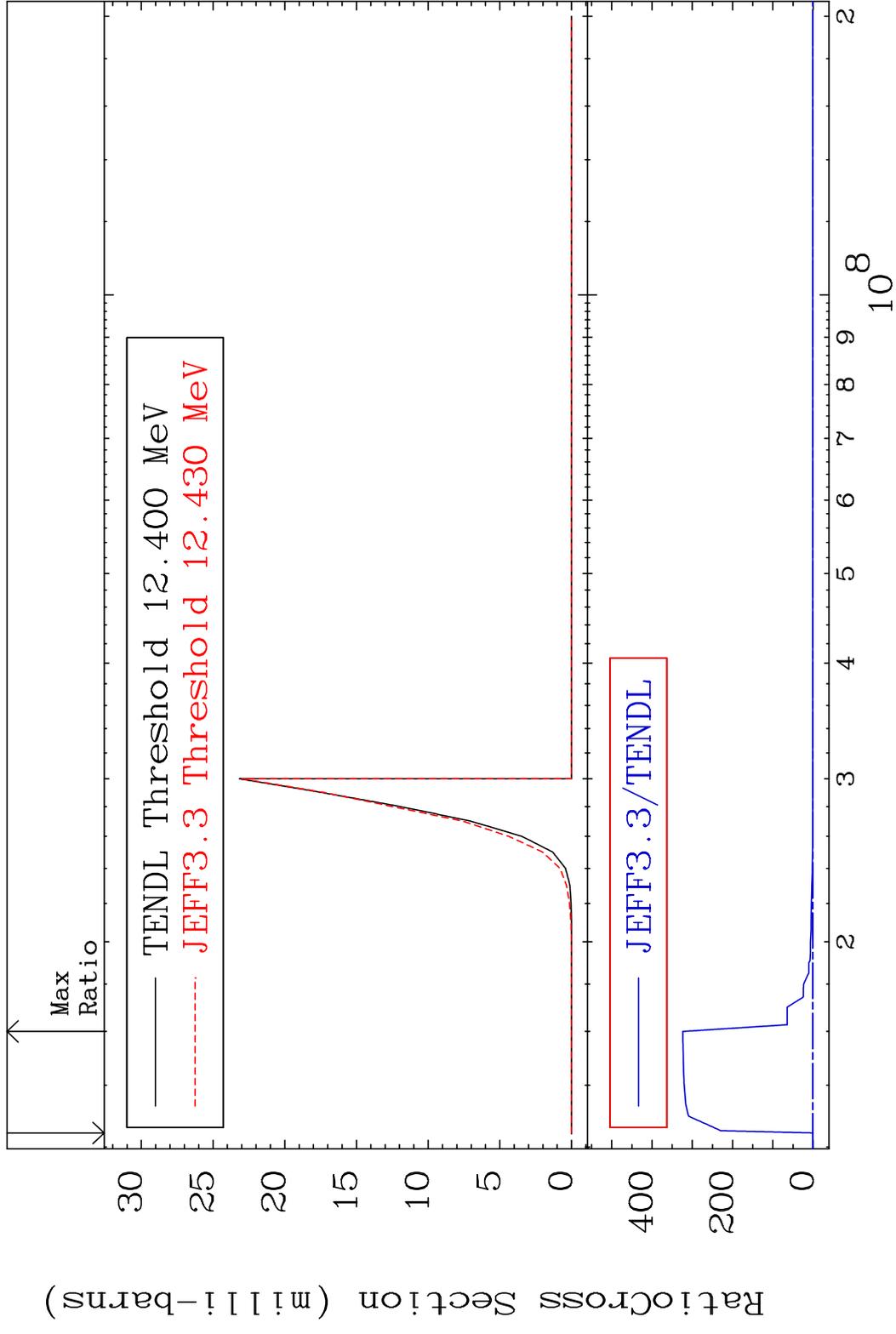
MAT 4625 (n,3n) 46-Pd-102  
 Cross Section -100.0 To 70.09 %



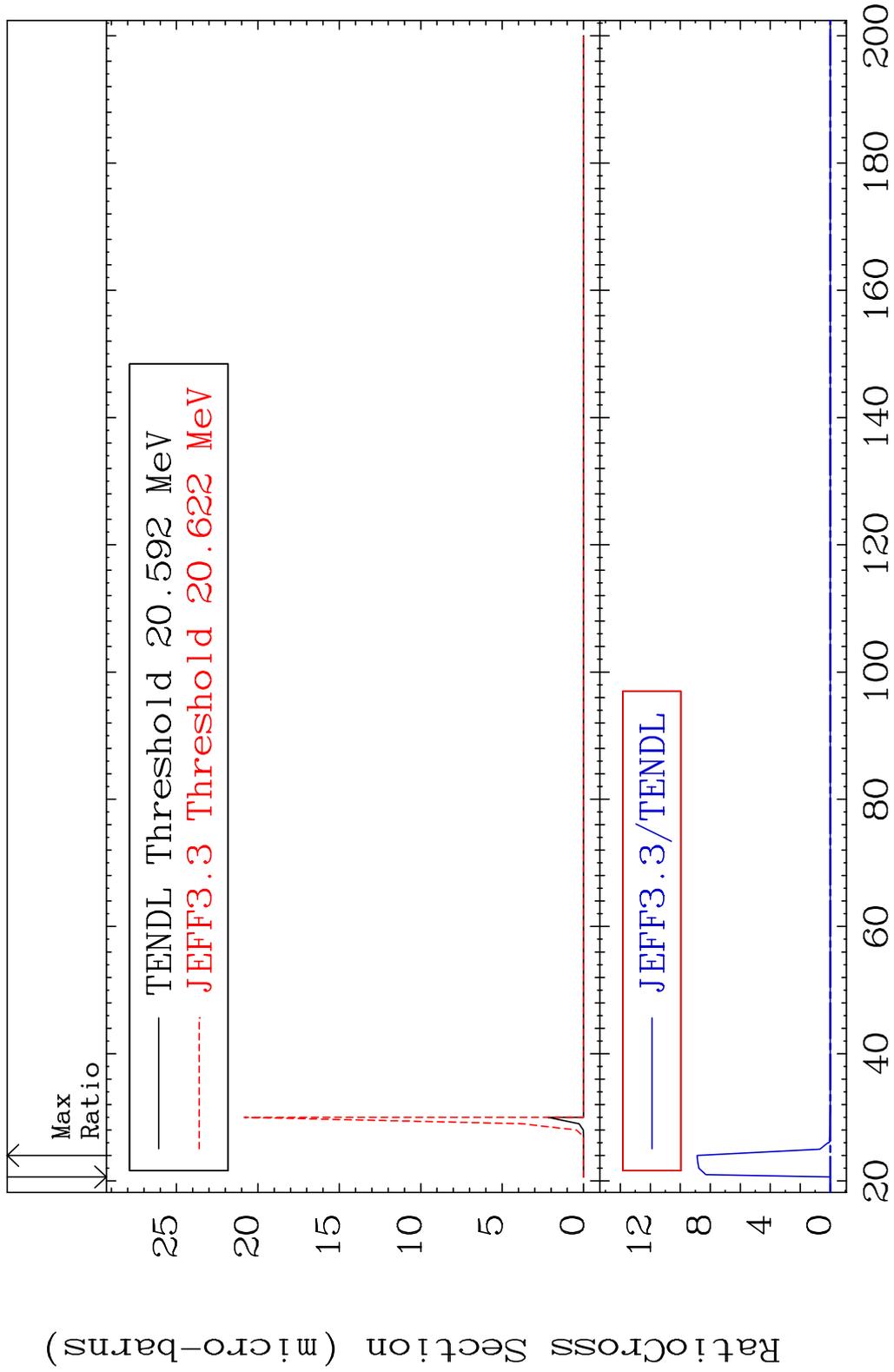
MAT 4625 (n, n')  $\alpha$  46-Pd-102  
 Cross Section -100.0 To 9999. %



MAT 4625 (n,2n)  $\alpha$  46-Pd-102  
 Cross Section -100.0 To 9999. %



MAT 4625 (n,3n)  $\alpha$  46-Pd-102  
 Cross Section -100.0 To 9999. %

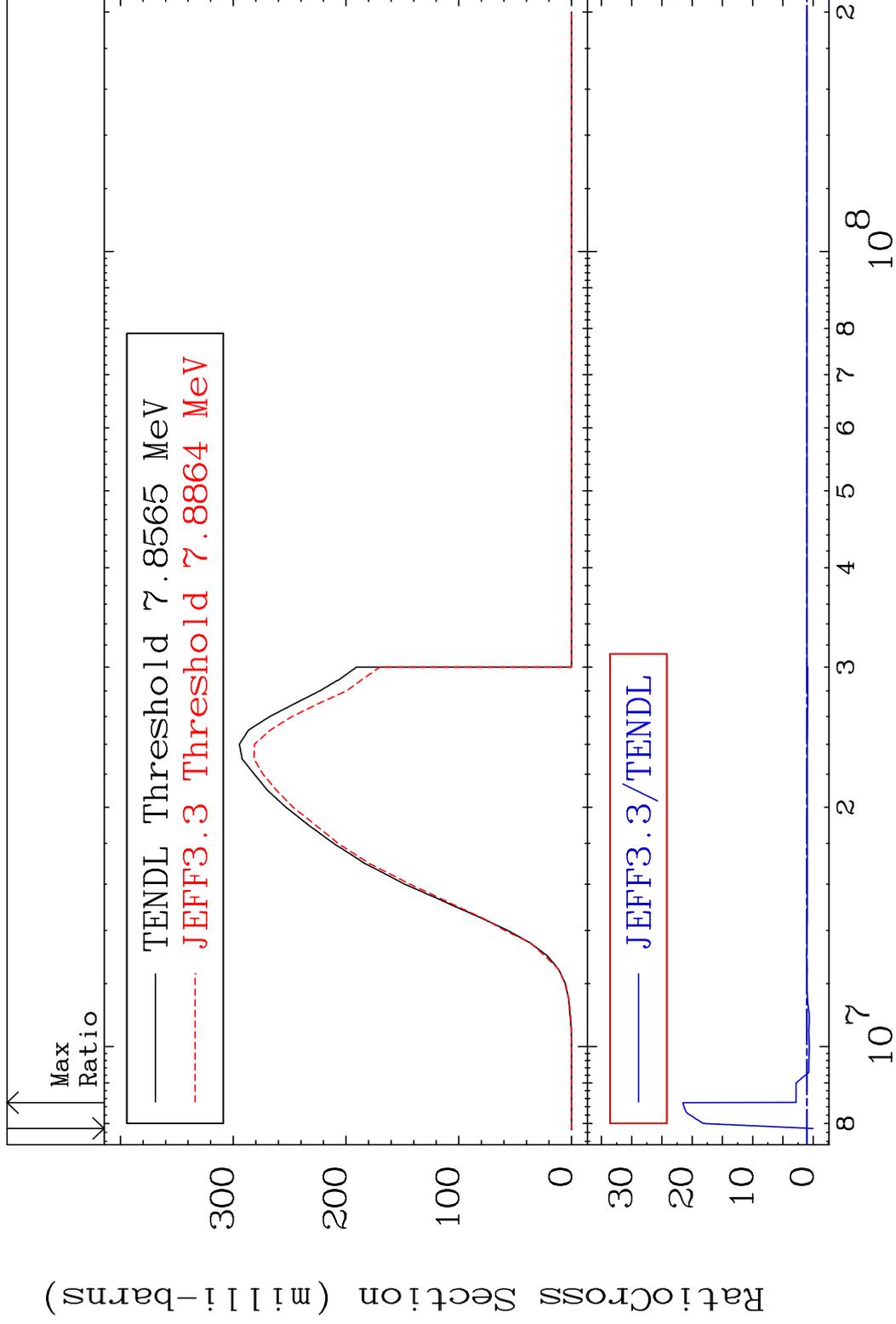


MAT 4625

(n,n') p

46-Pd-102

Cross Section -100.0 To 2055. %

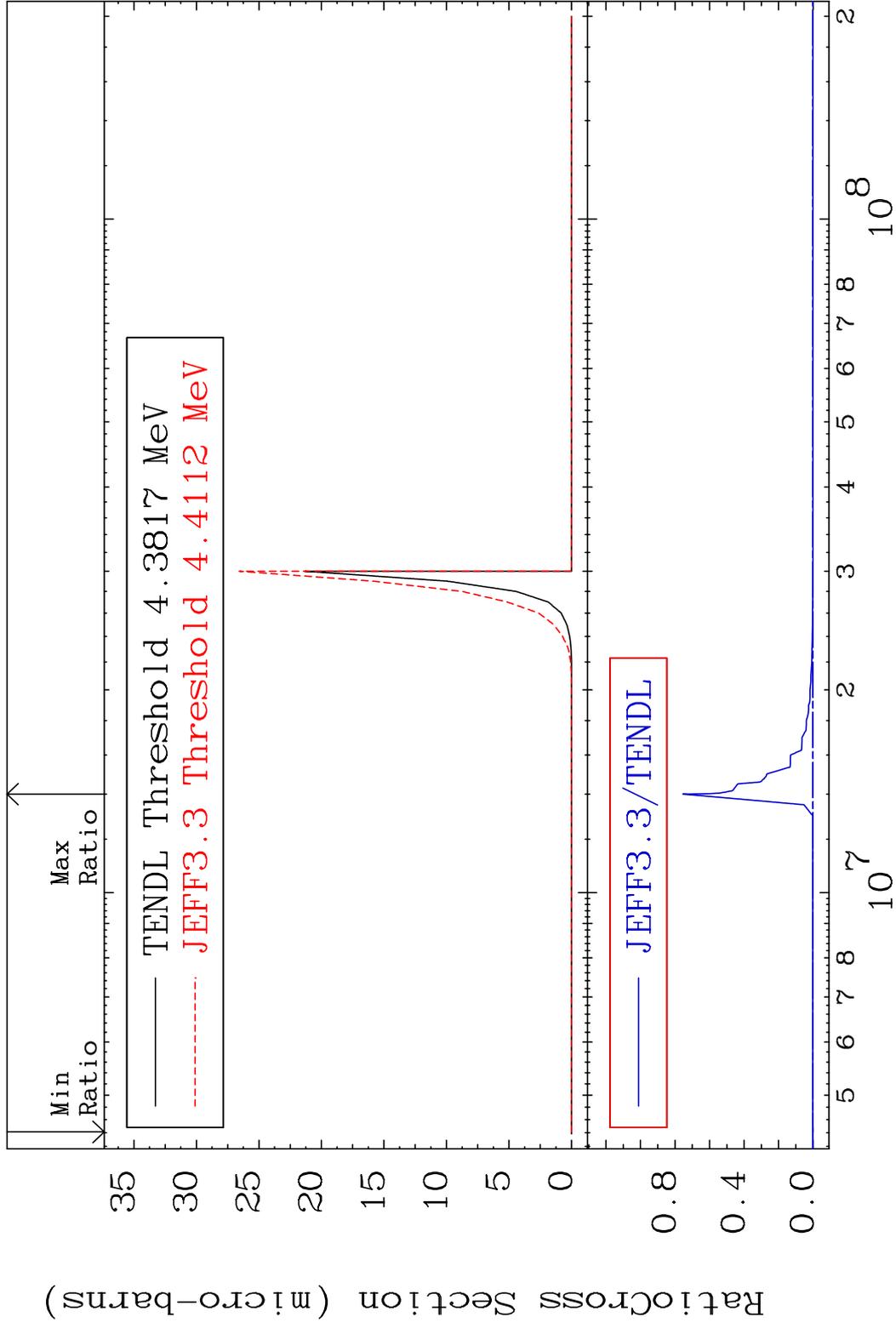


10

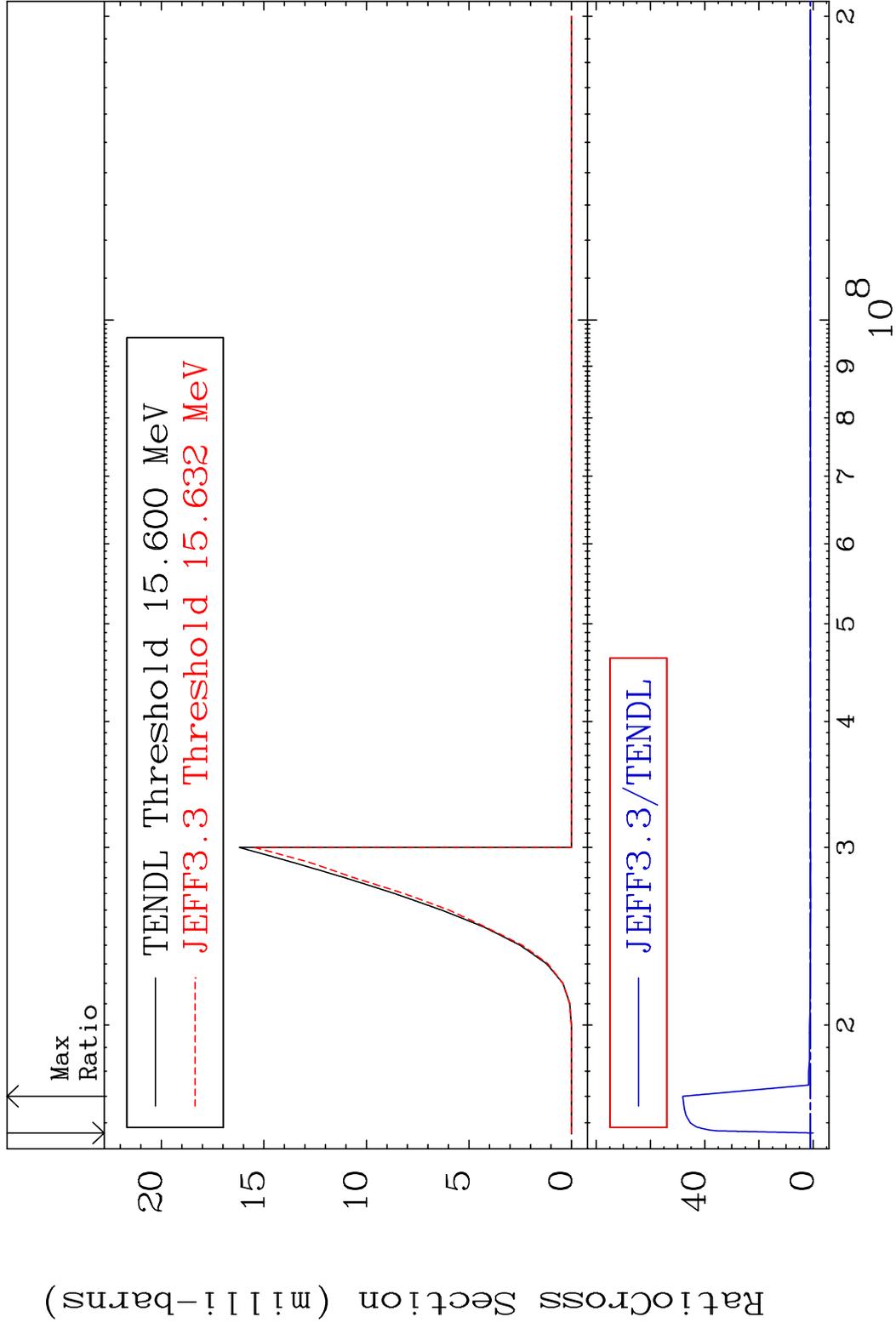
Incident Energy (eV)

46-Pd-102

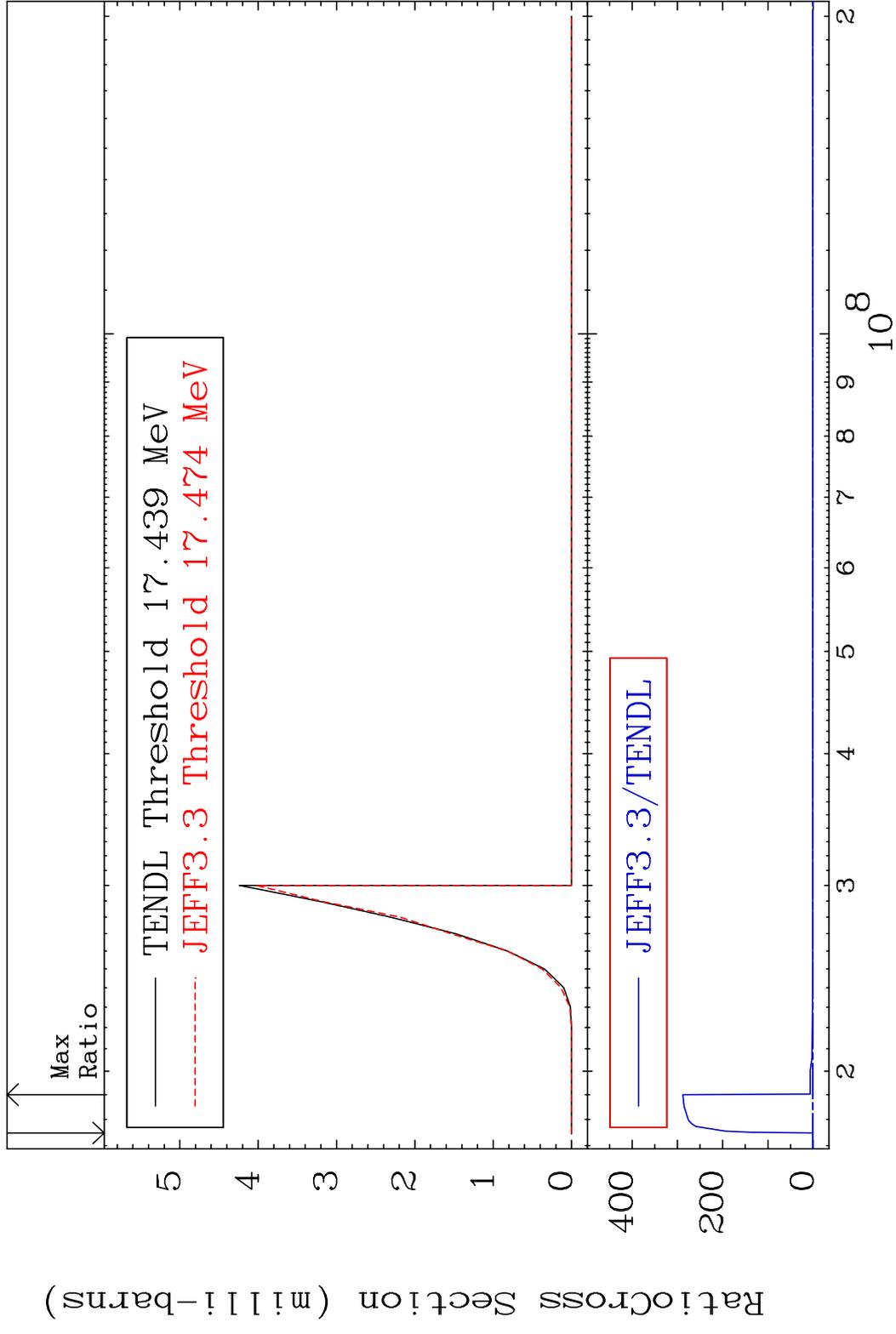
MAT 4625 (n, n') 2α 46-Pd-102  
 Cross Section -100.0 To 9999. %



MAT 4625 (n, n') d 46-Pd-102  
 Cross Section -100.0 To 4705. %



MAT 4625 (n, n') t 46-Pd-102  
 Cross Section -100.0 To 9999. %

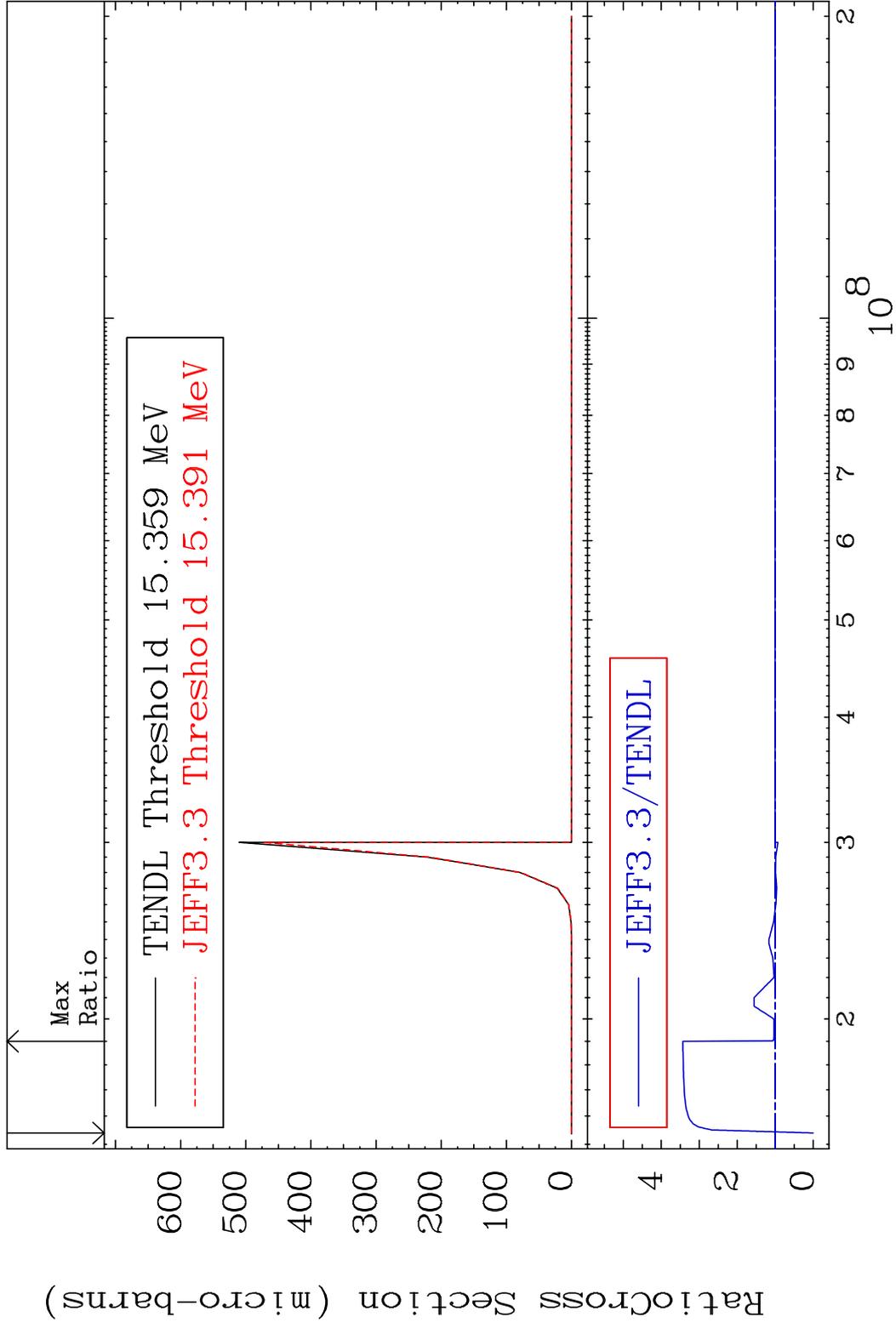


MAT 4625

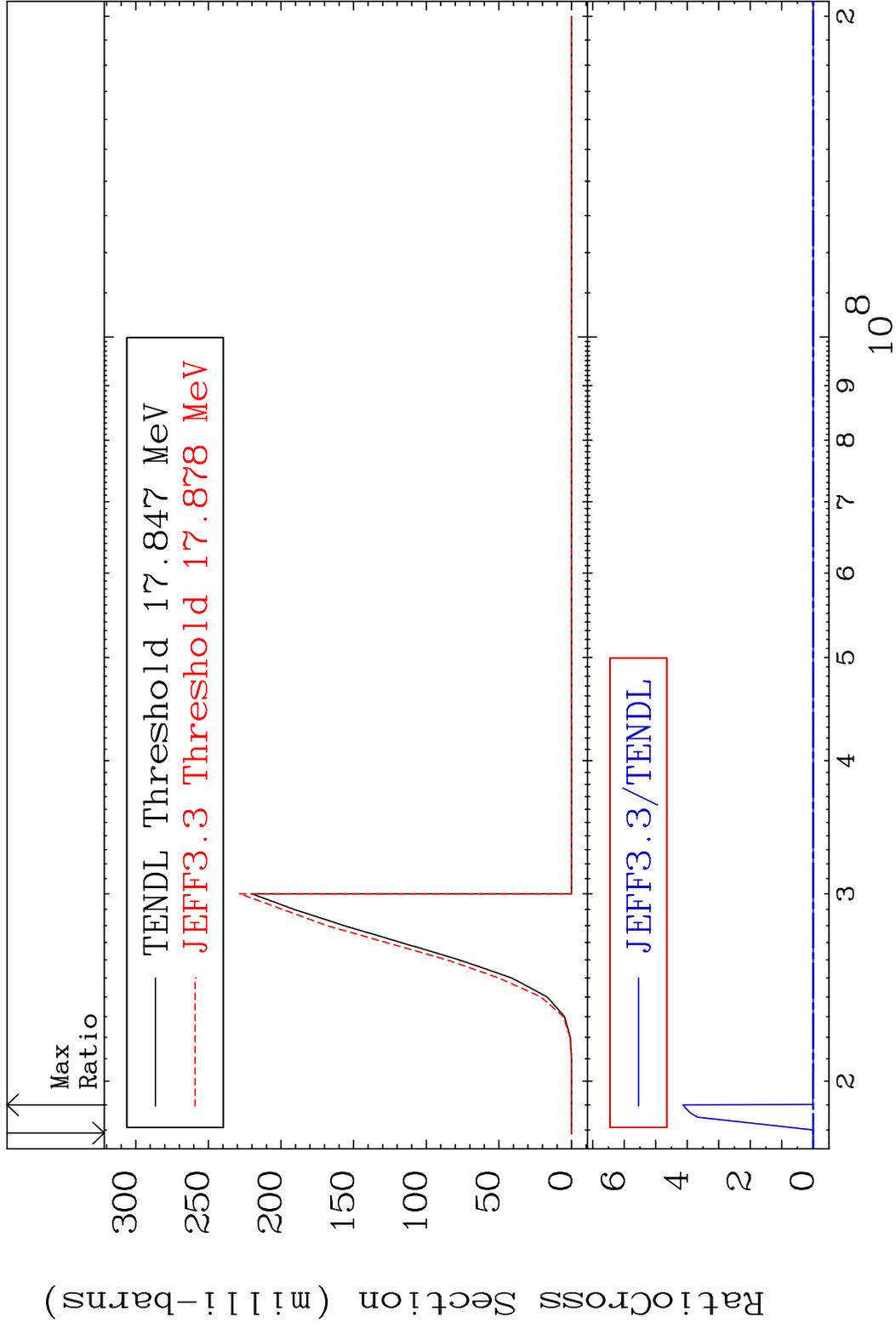
(n,n') He-3

46-Pd-102

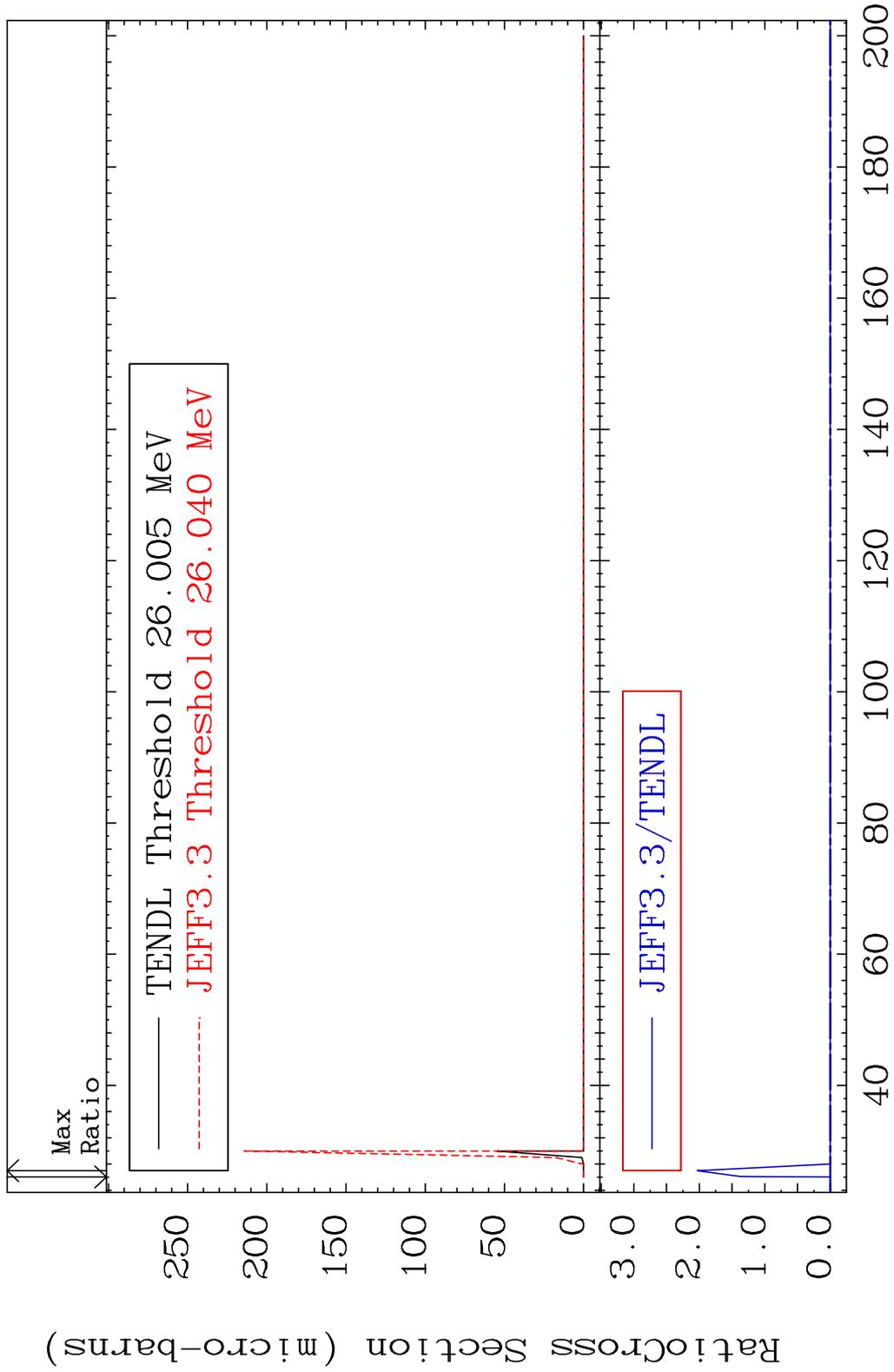
Cross Section -100.0 To 243.2 %



MAT 4625 (n,2n) p 46-Pd-102  
 Cross Section -100.0 To 9999. %



MAT 4625 (n,3n) p 46-Pd-102  
 Cross Section -100.0 To 9999. %

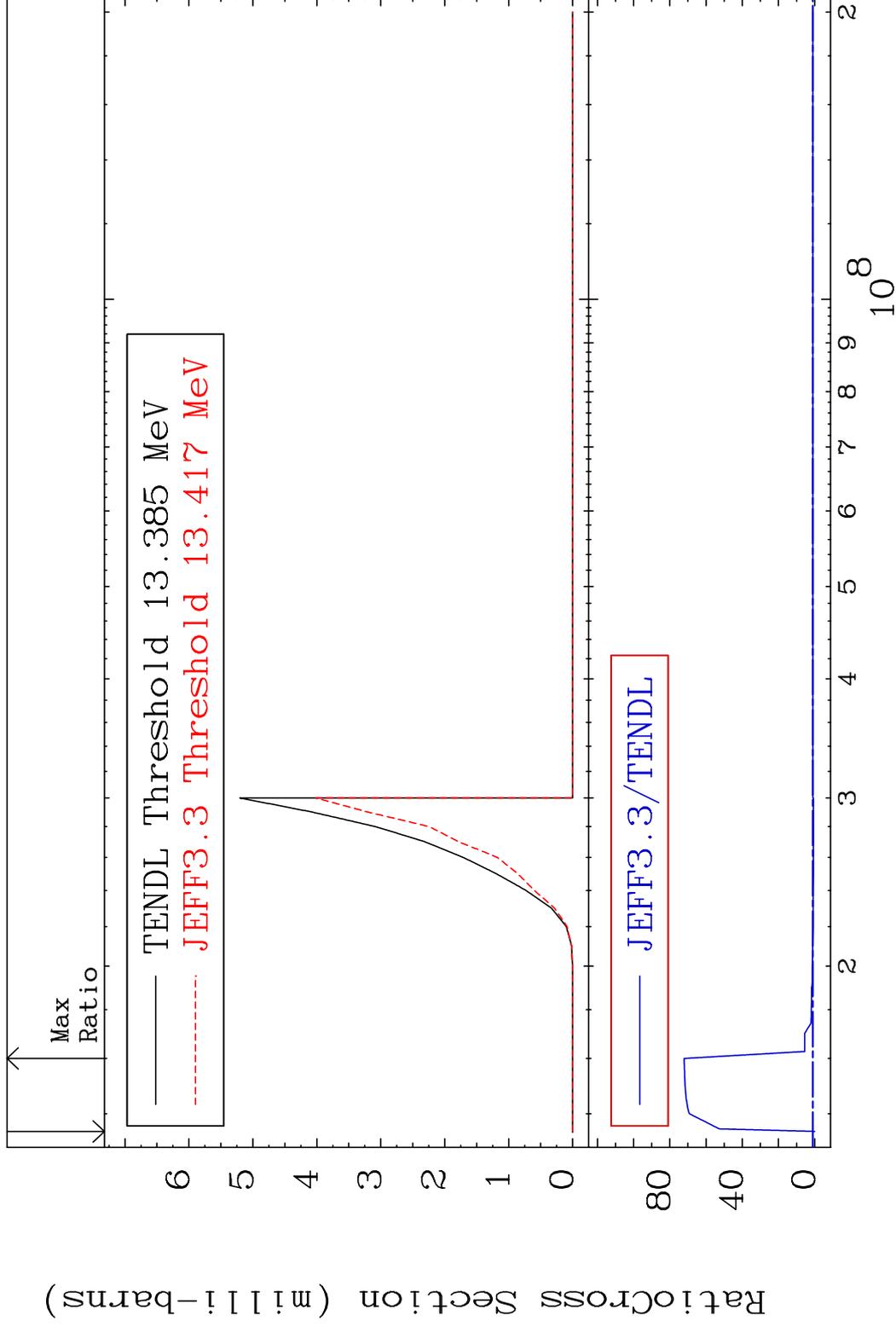


MAT 4625

(n,2n) p

46-Pd-102

Cross Section -100.0 To 7110. %



17

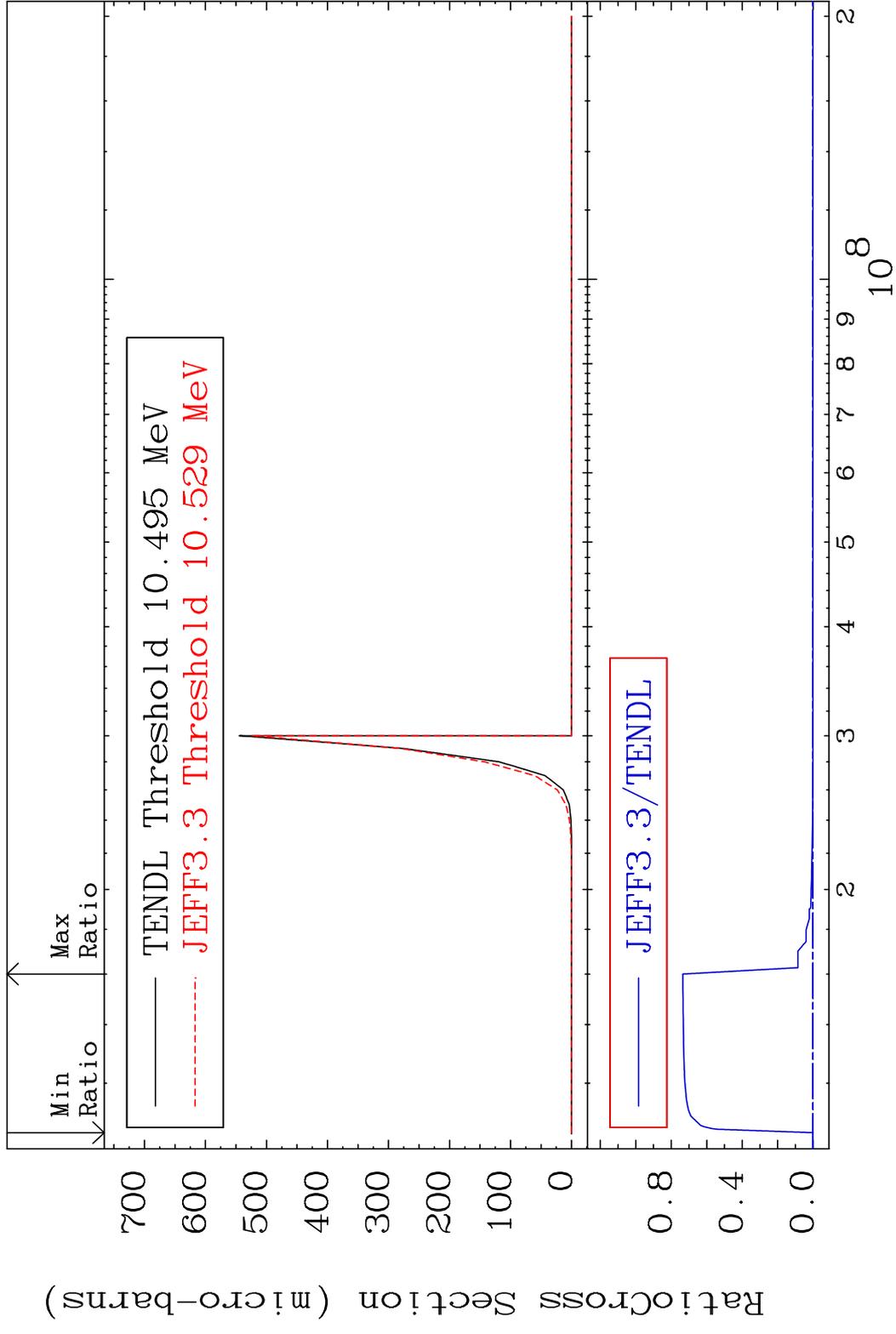
Incident Energy (eV)

46-Pd-102

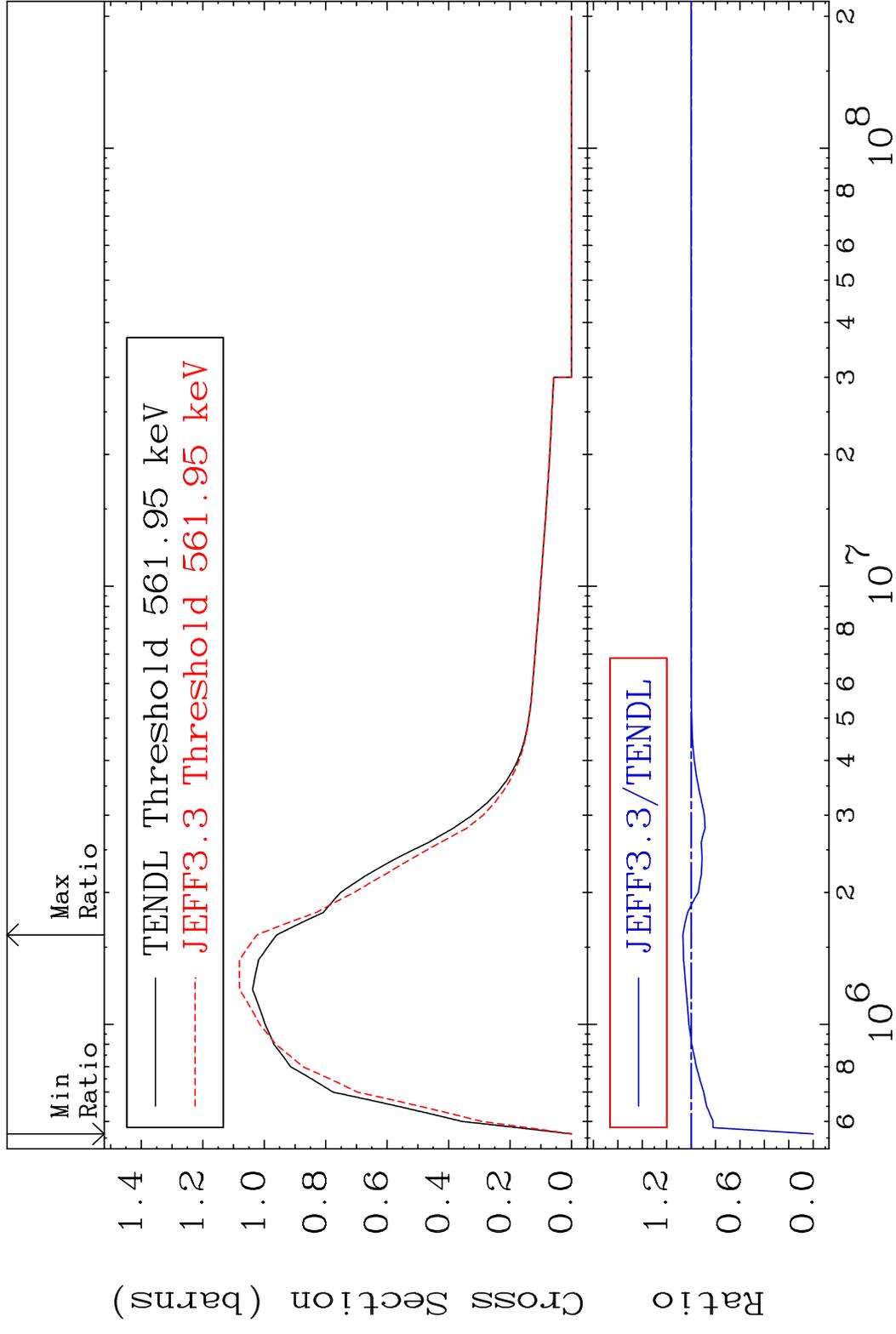
MAT 4625

(n,n') p  $\alpha$   
Cross Section -100.0 To 9999. %

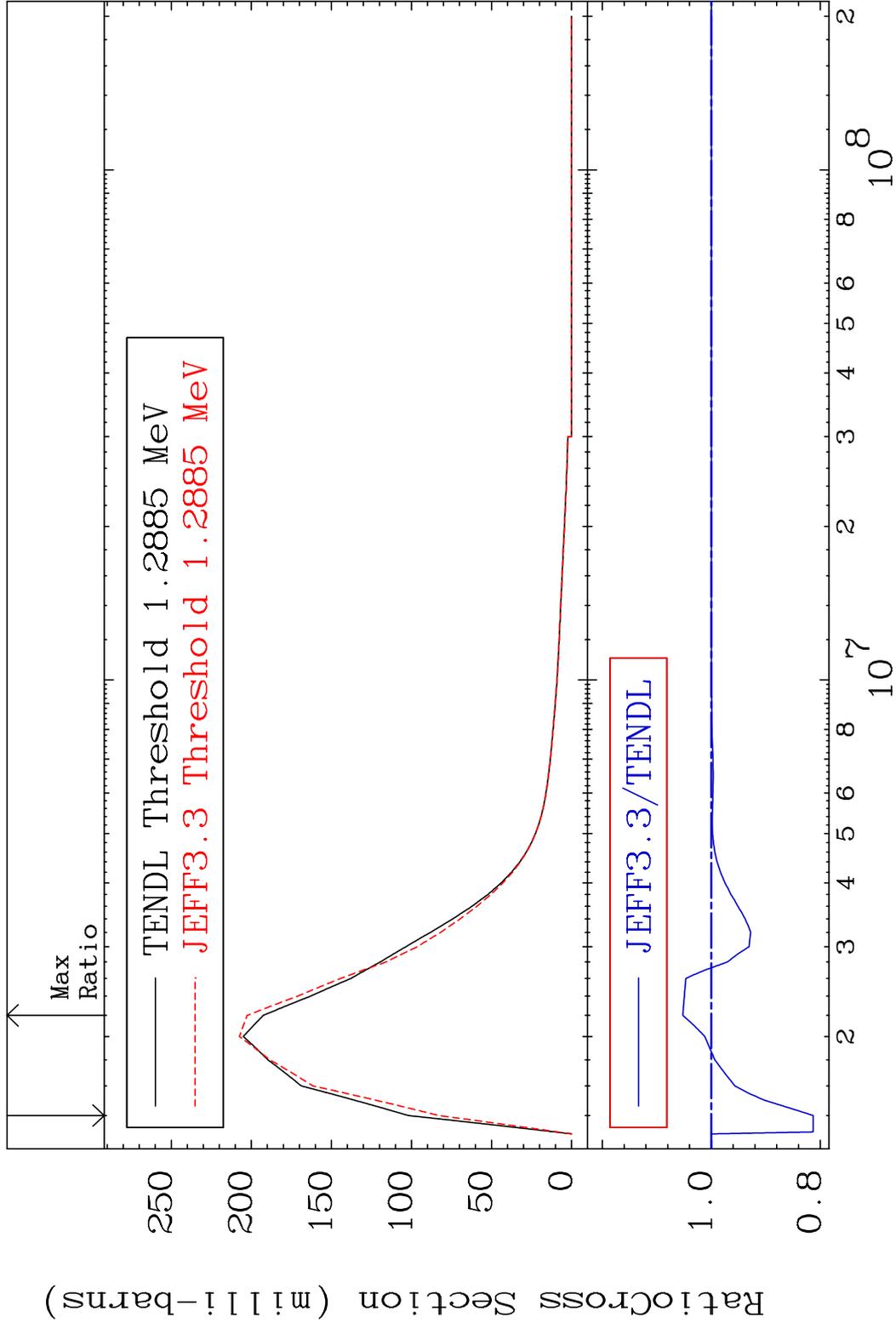
46-Pd-102



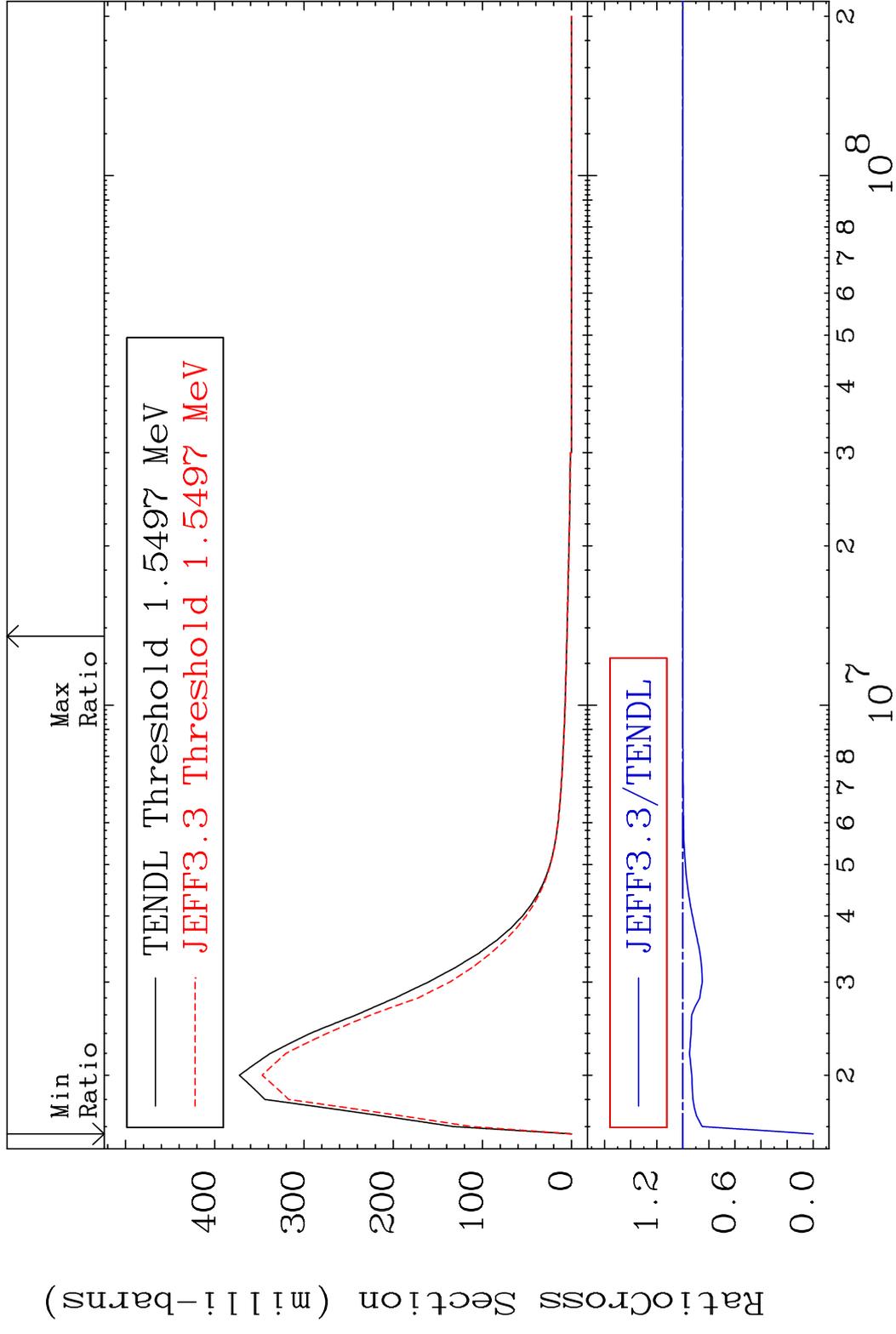
MAT 4625 MT= 51 (n,n') Level 46-Pd-102  
 Cross Section -100.0 To 6.734 %



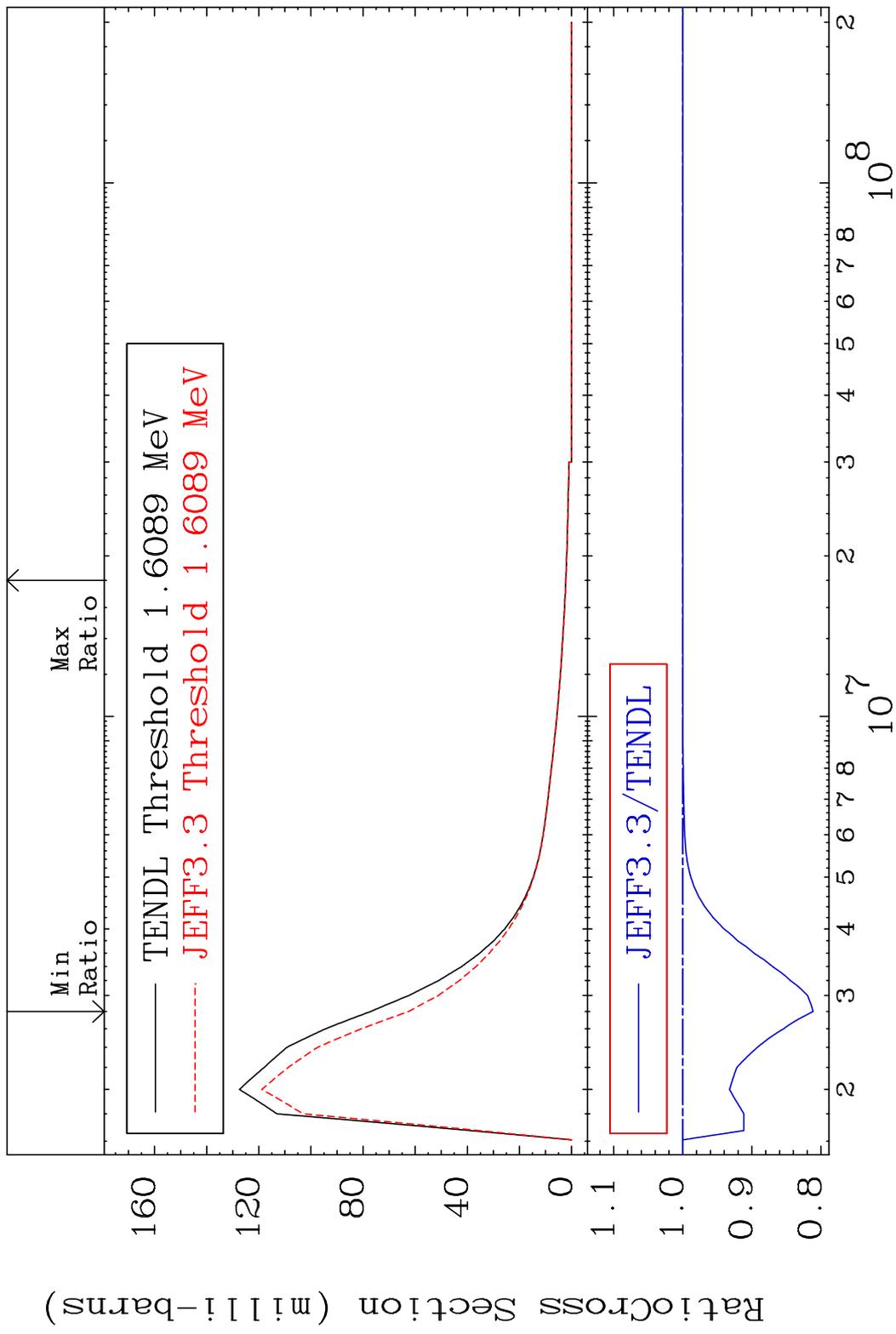
MAT 4625 MT= 52 (n,n') Level 46-Pd-102  
 Cross Section -18.68 To 5.226 %



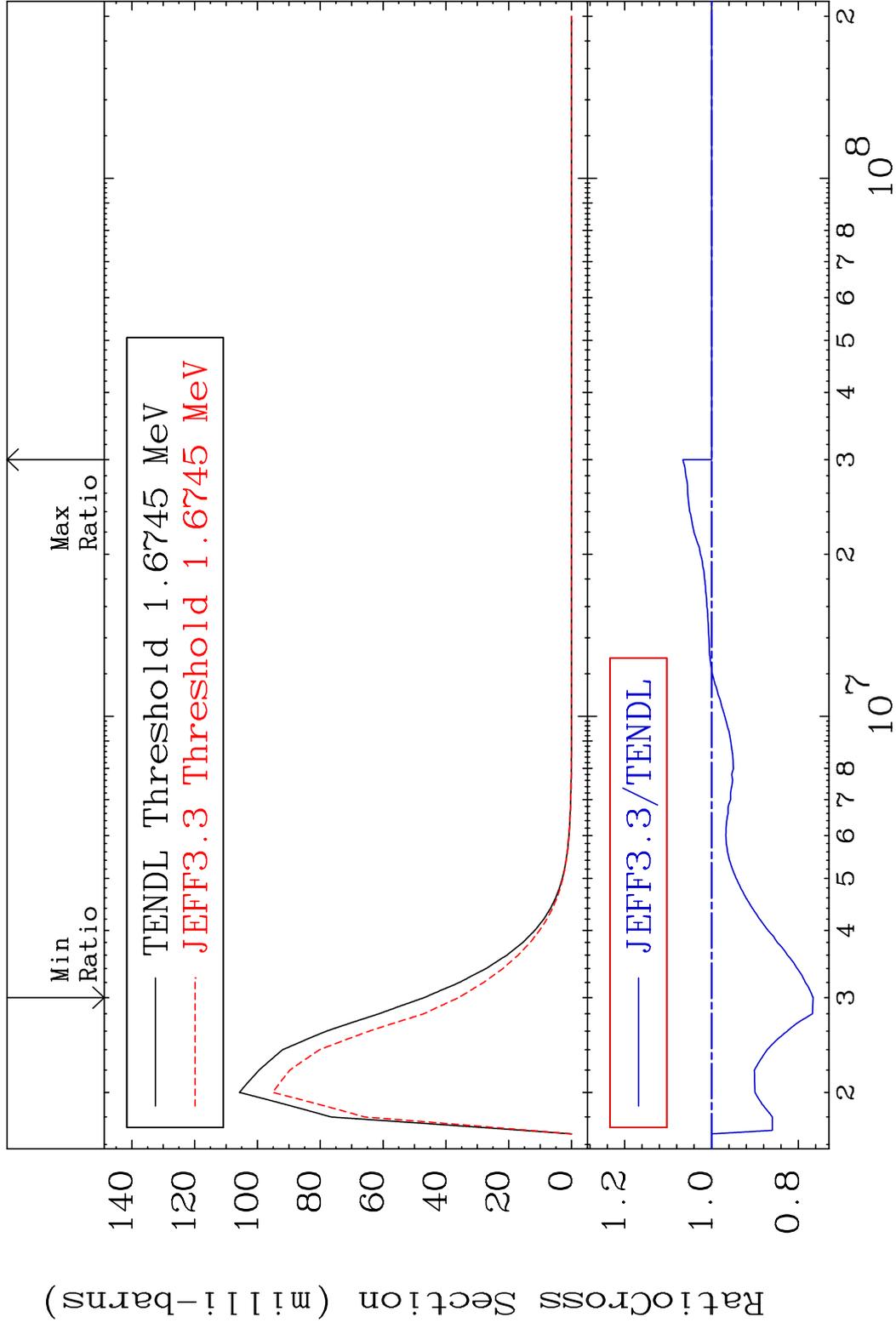
MAT 4625 MT= 53 (n,n') Level 46-Pd-102  
 Cross Section -100.0 To 0.000 %



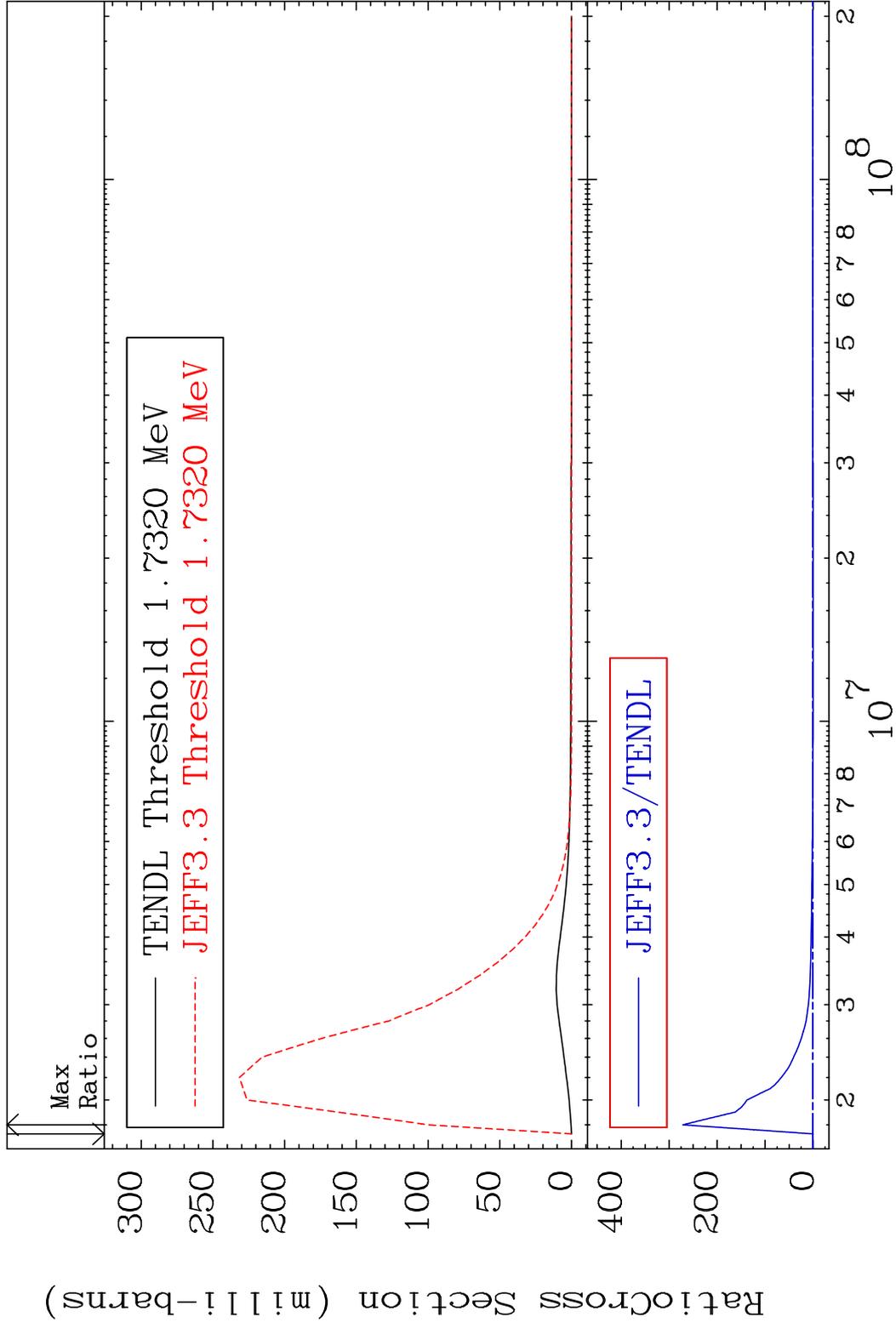
MAT 4625 MT= 54 (n, n') Level 46-Pd-102  
 Cross Section -18.87 To 0.000 %



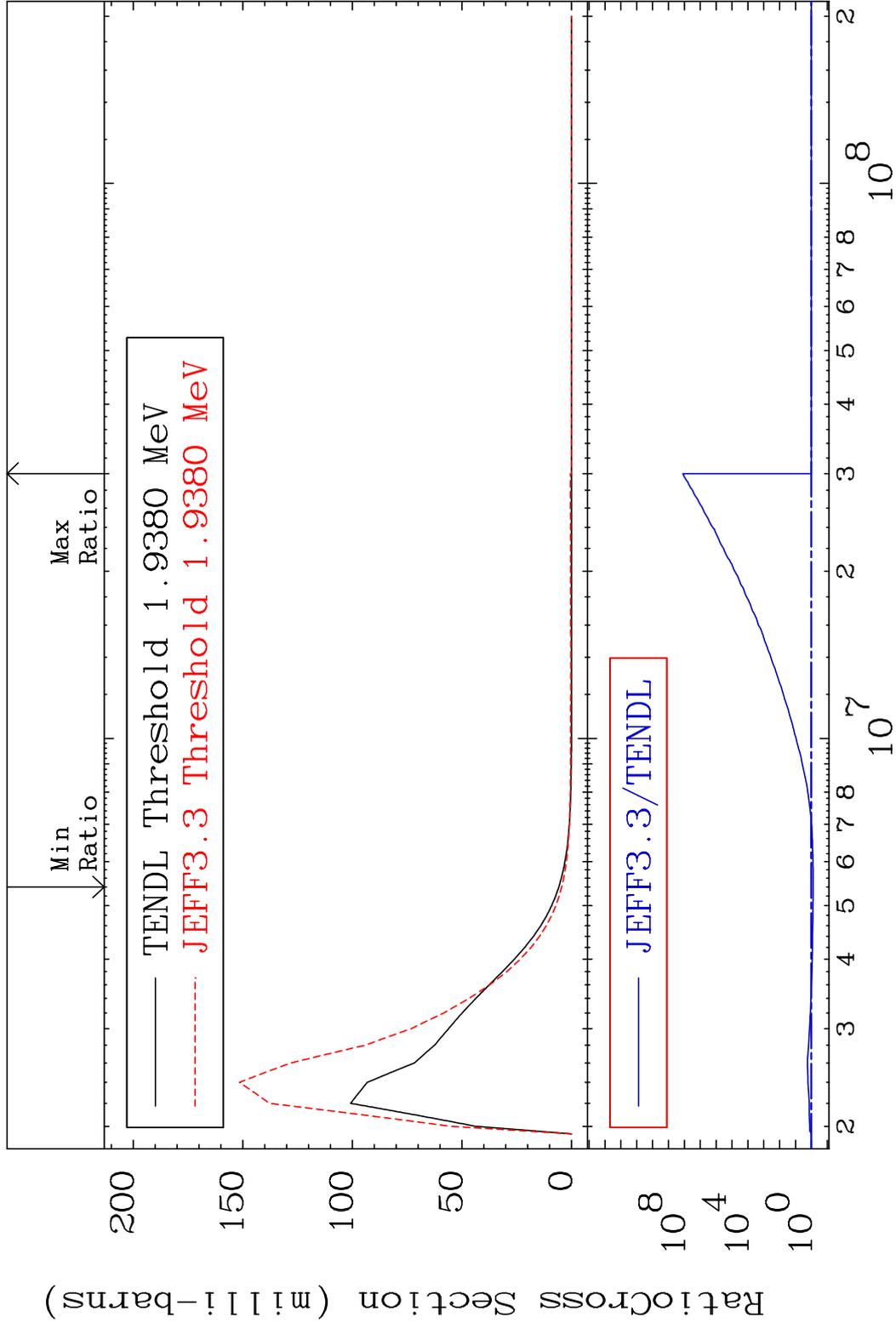
MAT 4625 MT= 55 (n,n') Level 46-Pd-102  
 Cross Section -23.41 To 6.608 %



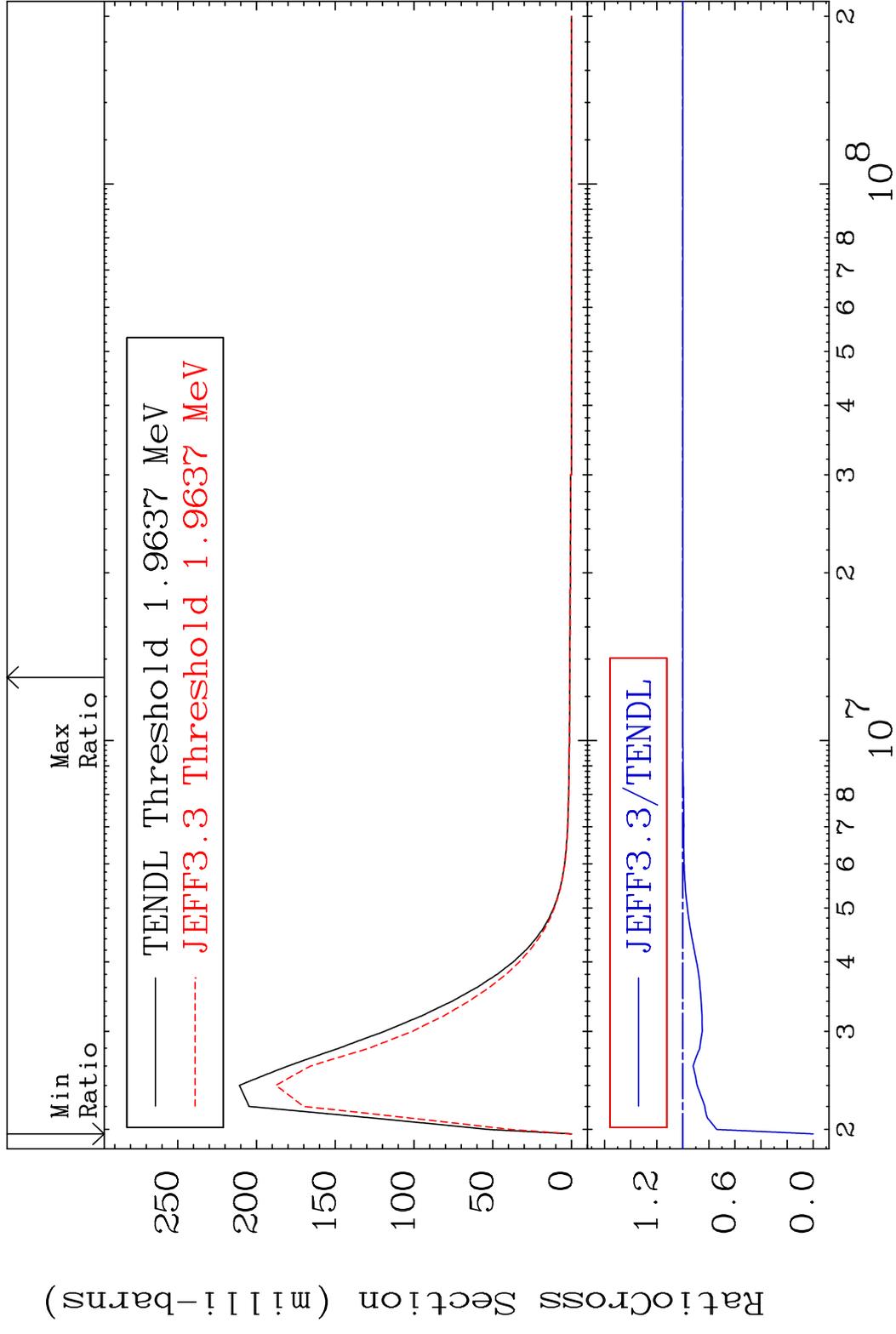
MAT 4625 MT= 56 (n,n') Level 46-Pd-102  
 Cross Section -100.0 To 9999. %



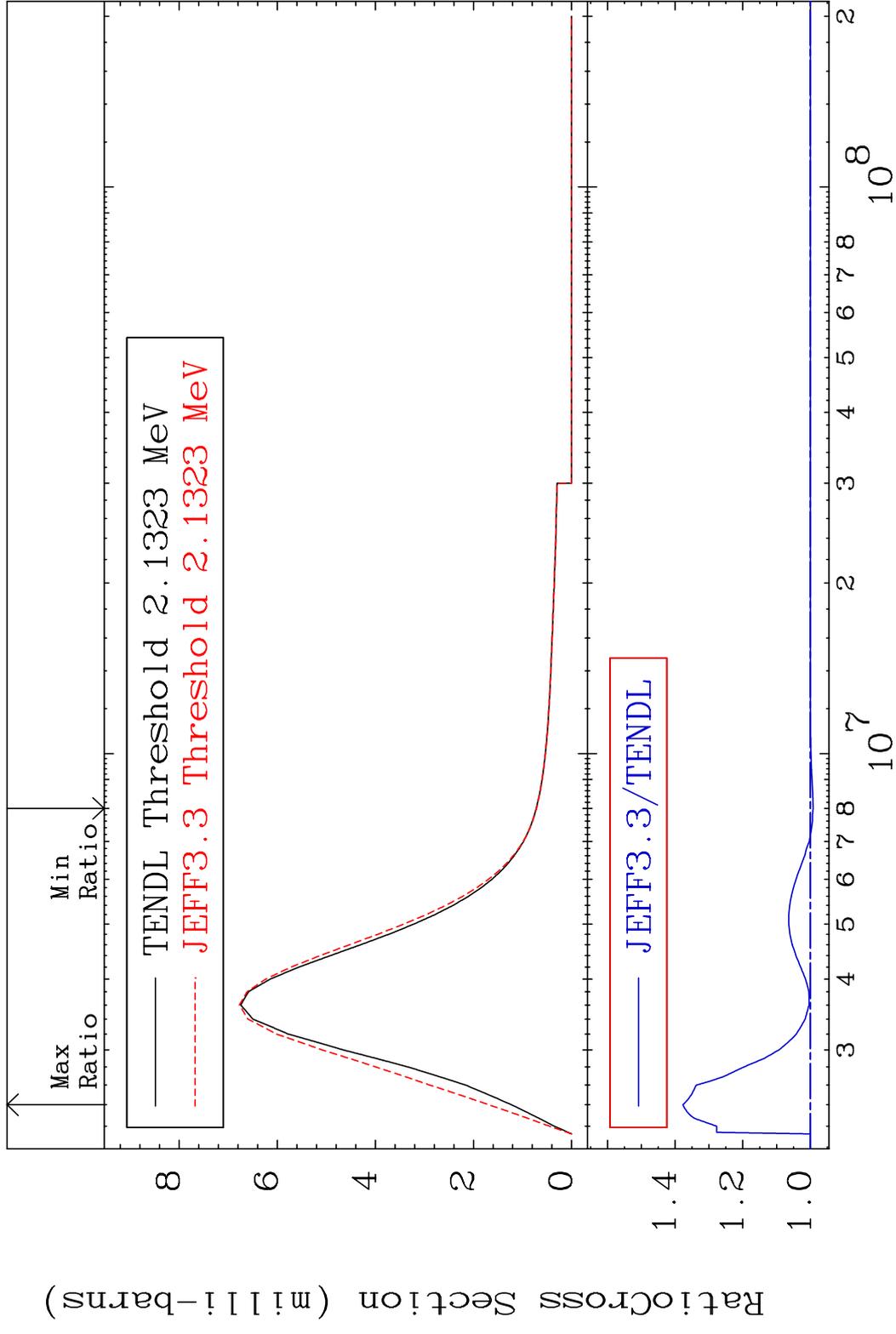
MAT 4625 MT= 57 (n, n') Level 46-Pd-102  
 Cross Section -22.21 To 9999. %



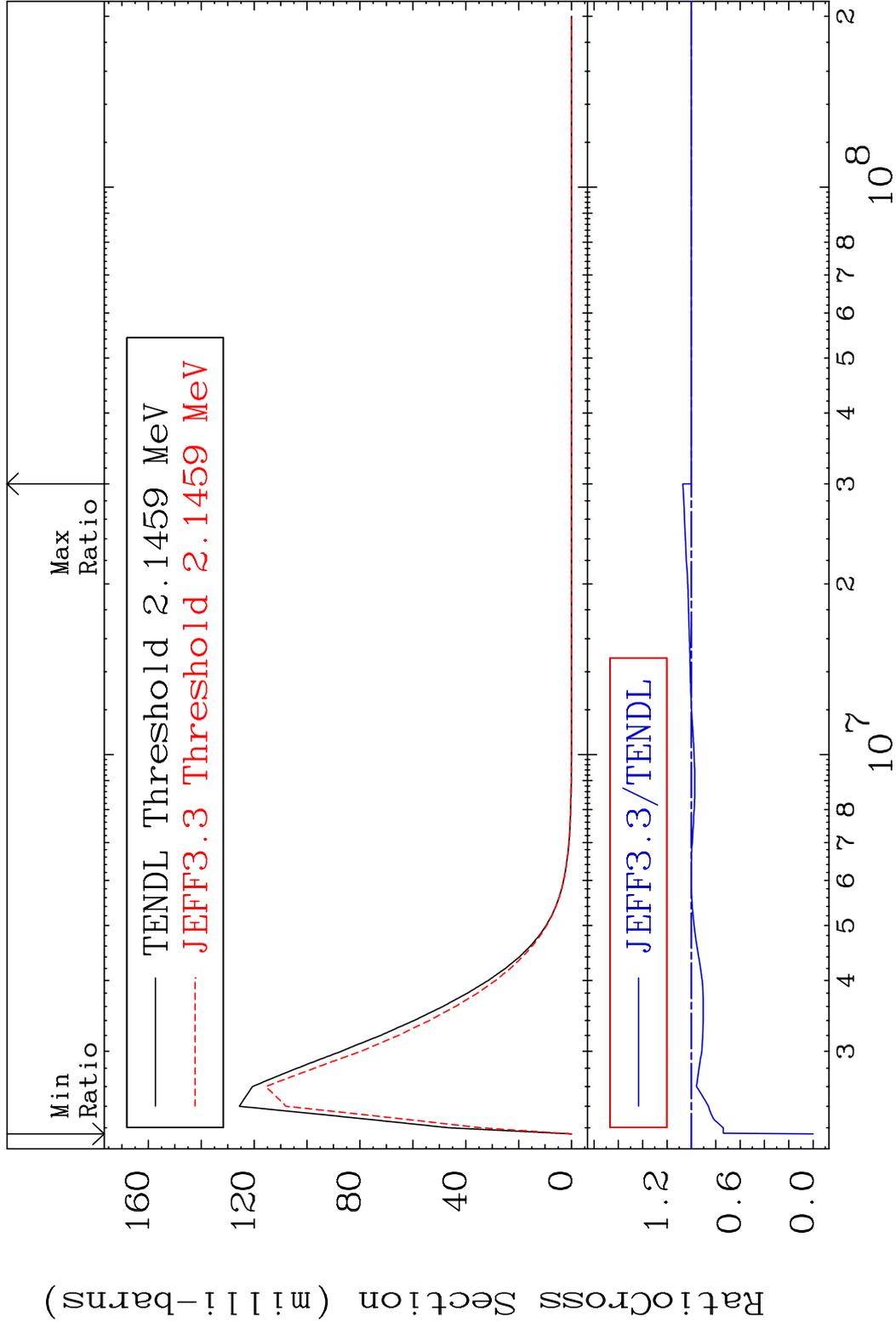
MAT 4625 MT= 58 (n,n') Level 46-Pd-102  
 Cross Section -100.0 To 0.000 %



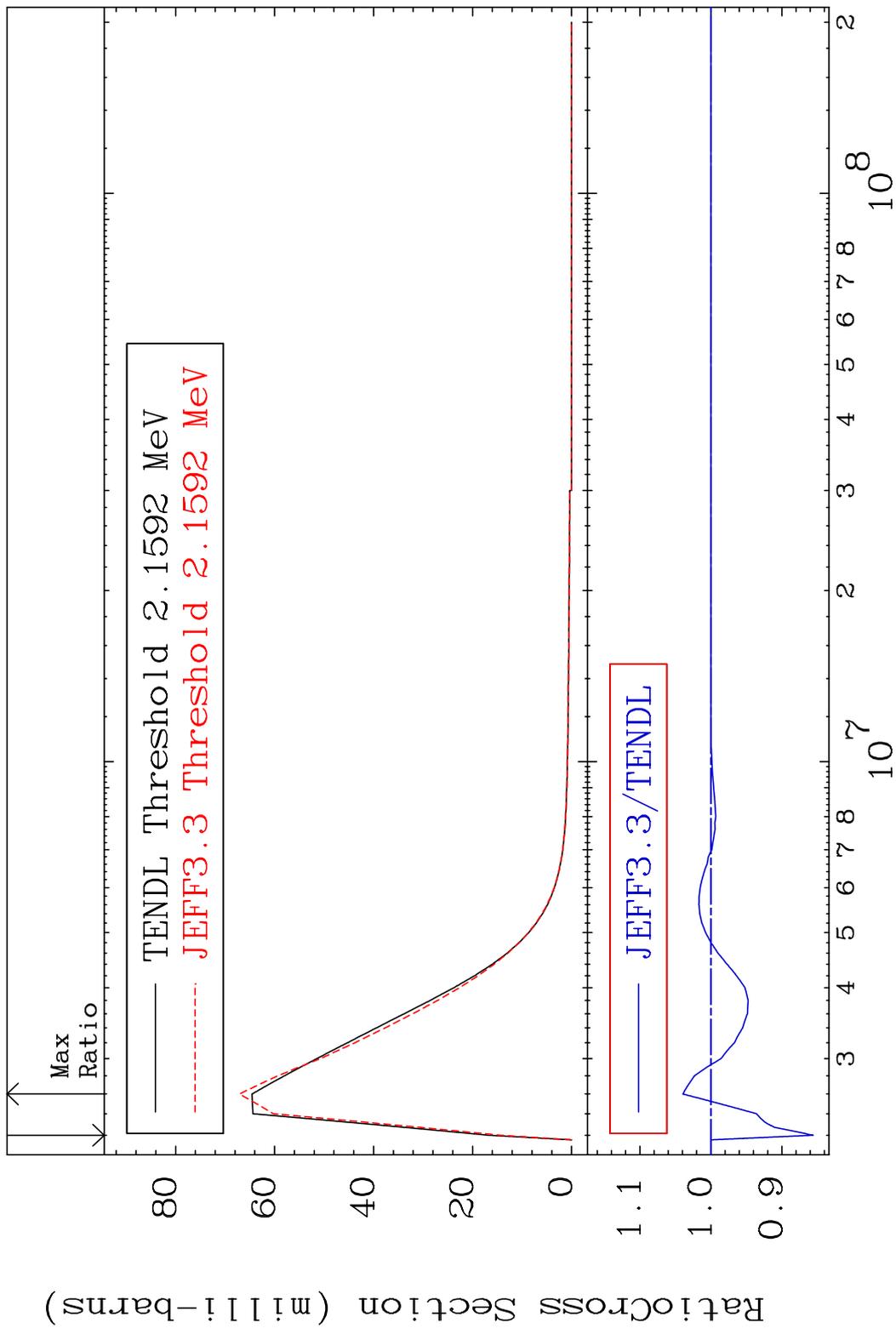
MAT 4625 MT= 59 (n,n') Level 46-Pd-102  
 Cross Section -0.817 To 37.73 %



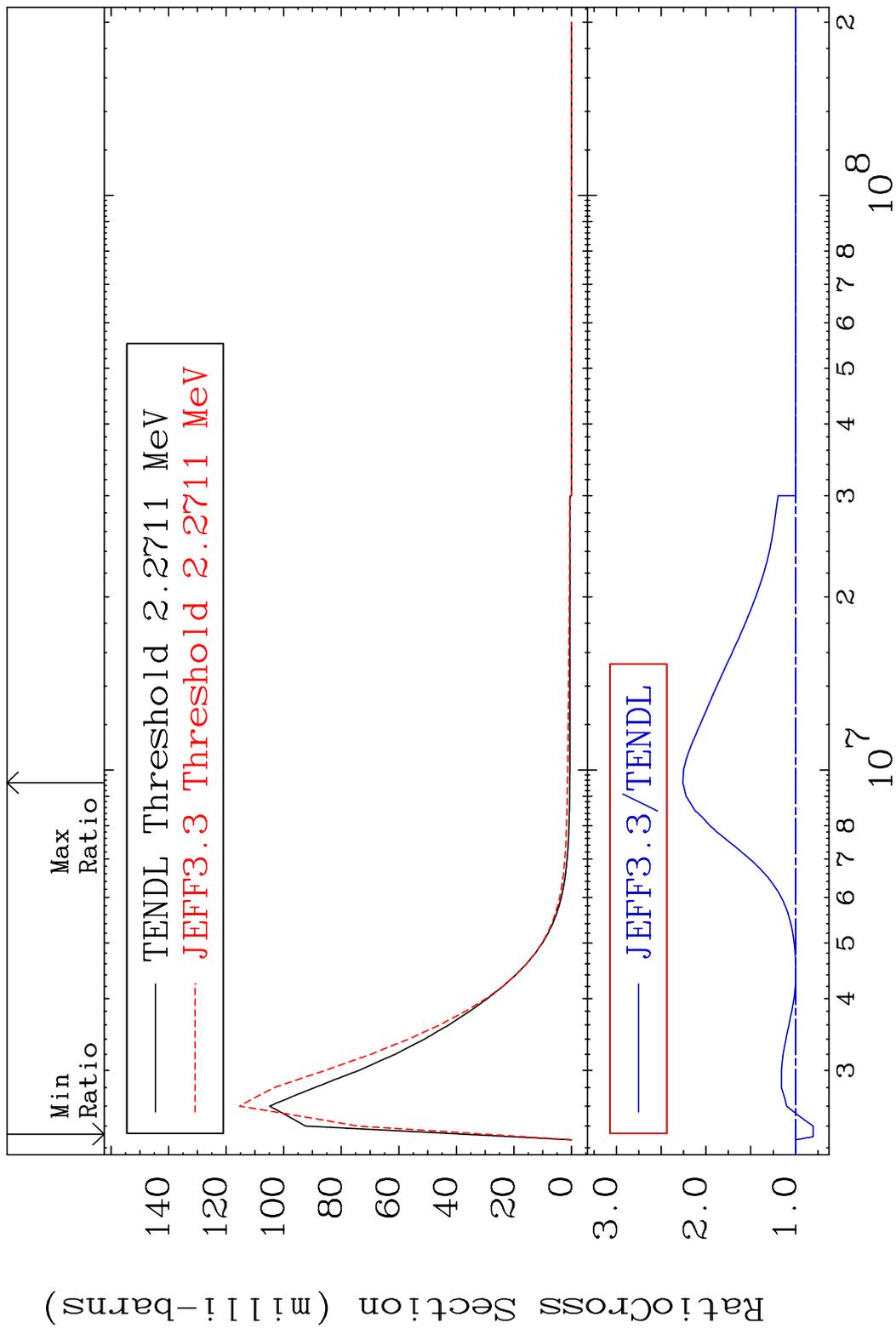
MAT 4625 MT= 60 (n, n') Level 46-Pd-102  
 Cross Section -100.0 To 7.056 %



MAT 4625 MT= 61 (n, n') Level 46-Pd-102  
 Cross Section -14.40 To 3.948 %

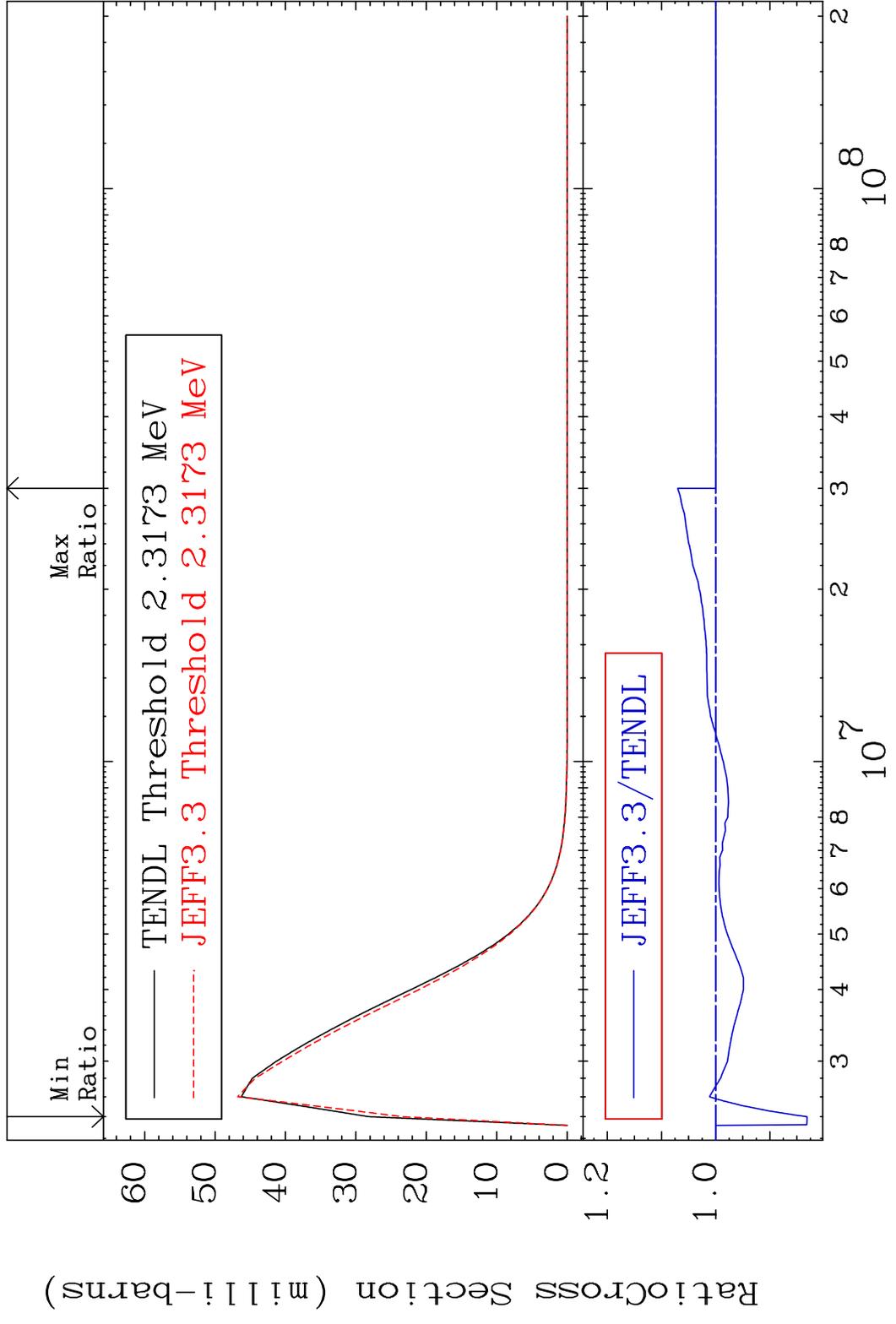


MAT 4625 MT= 62 (n, n') Level 46-Pd-102  
 Cross Section -19.66 To 125.9 %

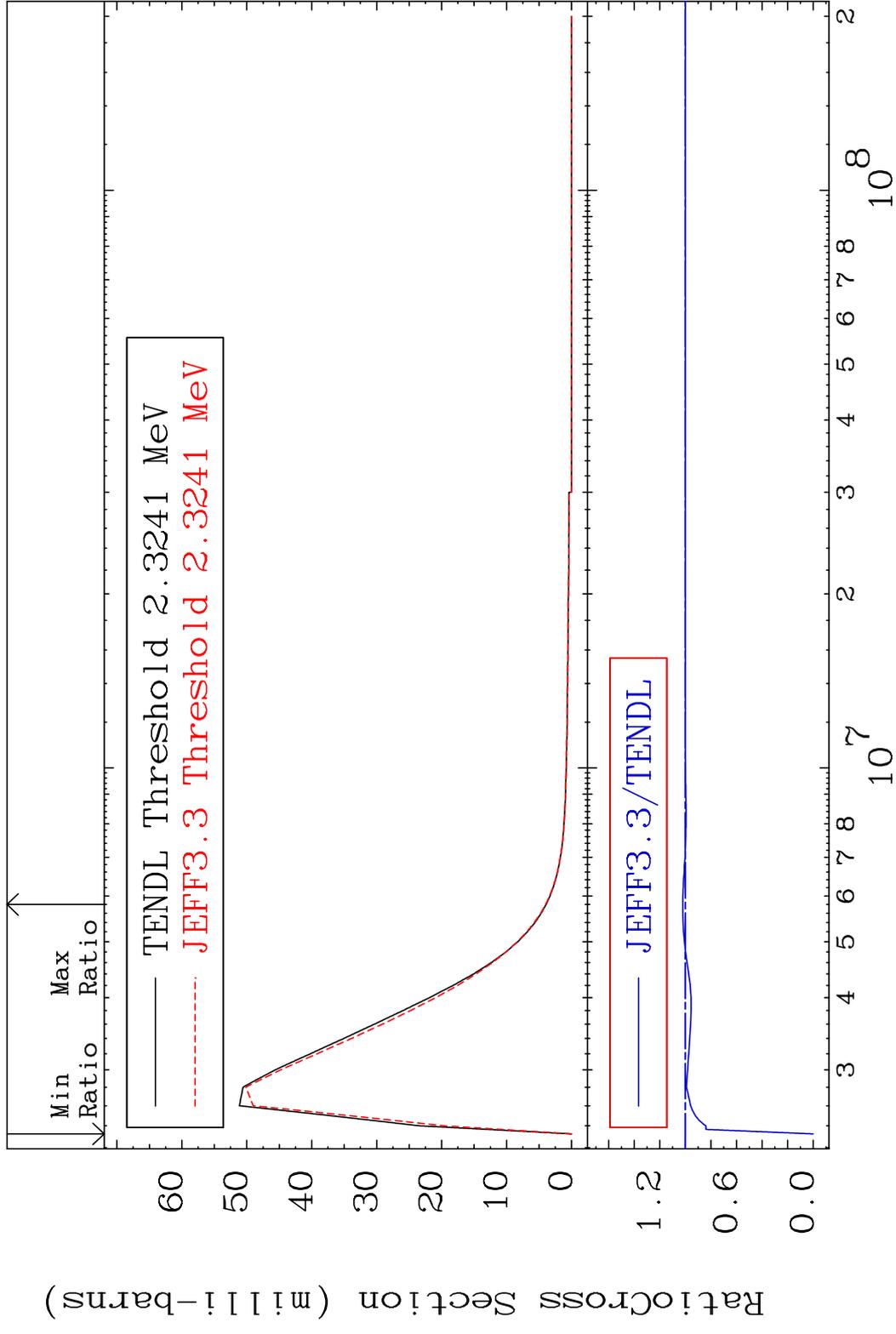


30 Incident Energy (eV) 46-Pd-102

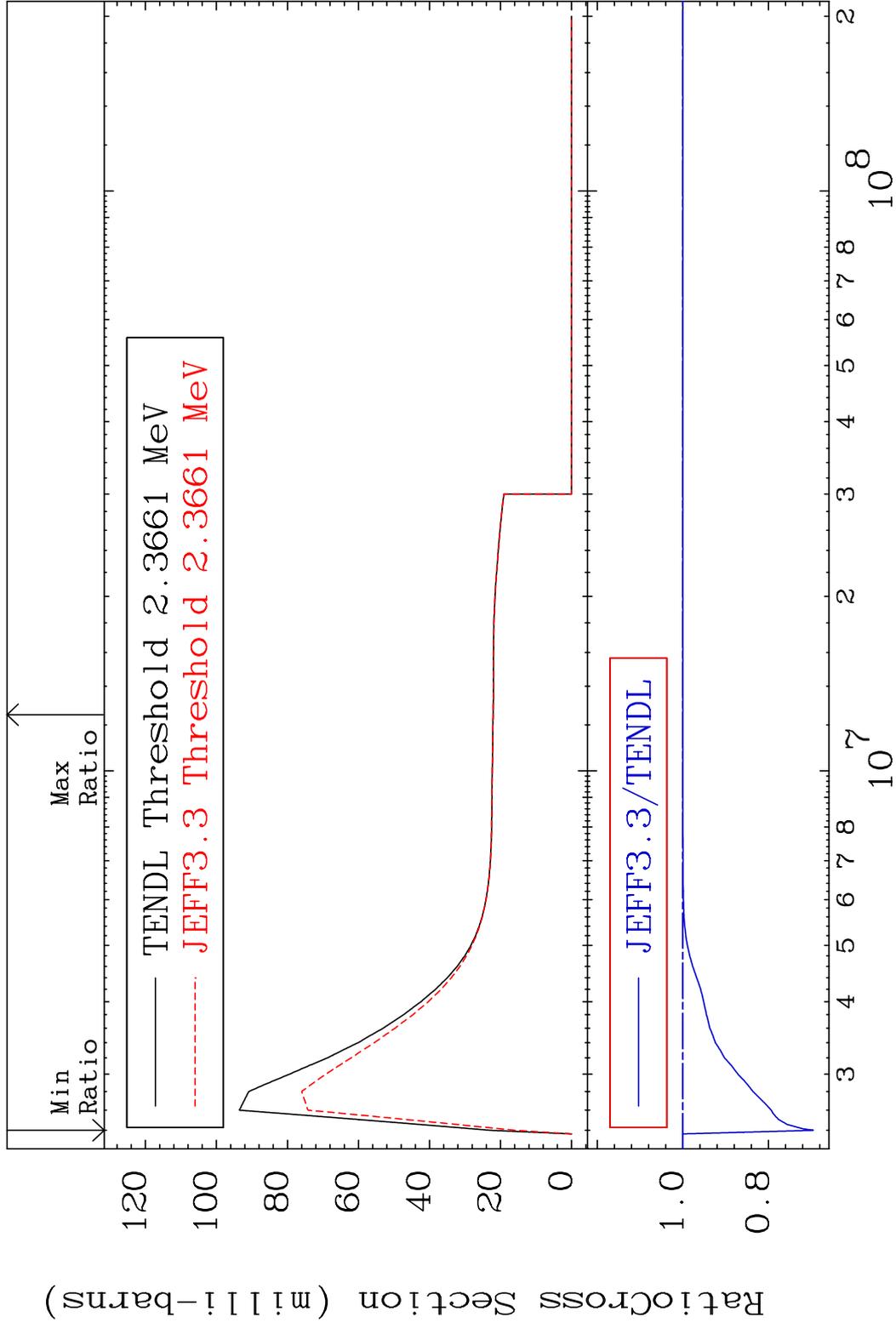
MAT 4625 MT= 63 (n, n') Level 46-Pd-102  
 Cross Section -16.87 To 7.016 %



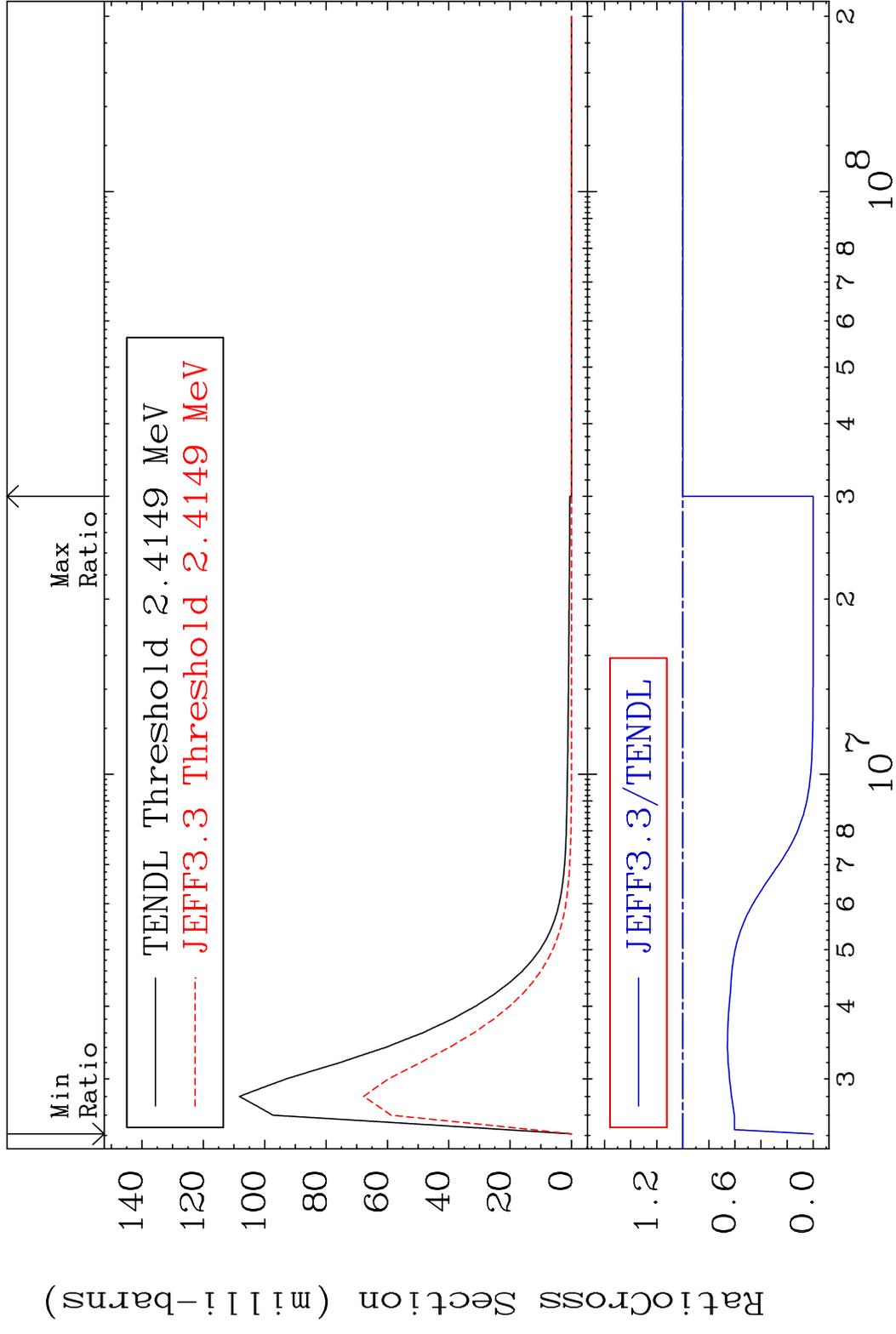
MAT 4625 MT= 64 (n,n') Level 46-Pd-102  
 Cross Section -100.0 To 1.995 %



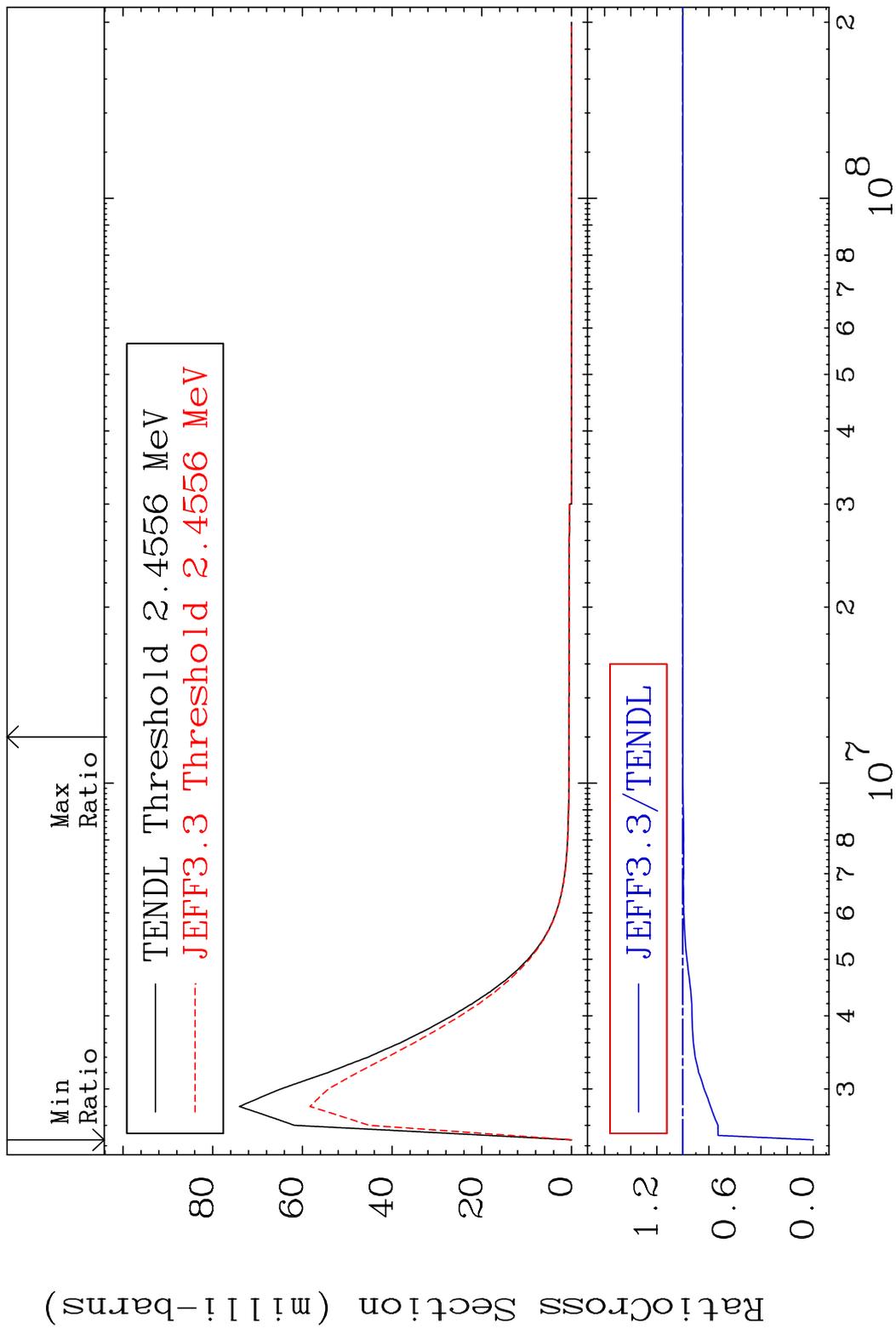
MAT 4625 MT= 65 (n,n') Level 46-Pd-102  
 Cross Section -30.43 To 0.000 %



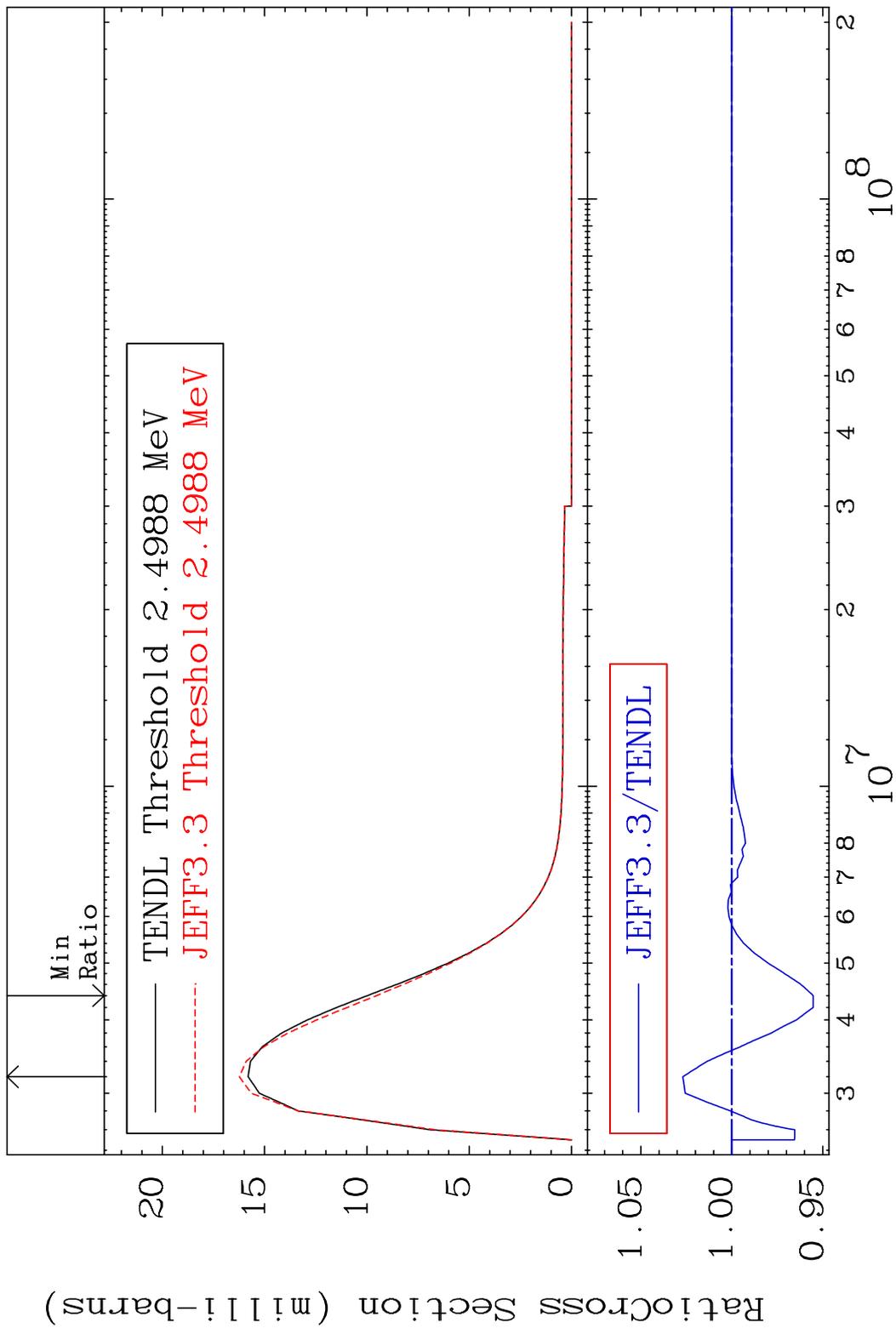
MAT 4625 MT= 66 (n, n') Level 46-Pd-102  
 Cross Section -100.0 To 0.000 %



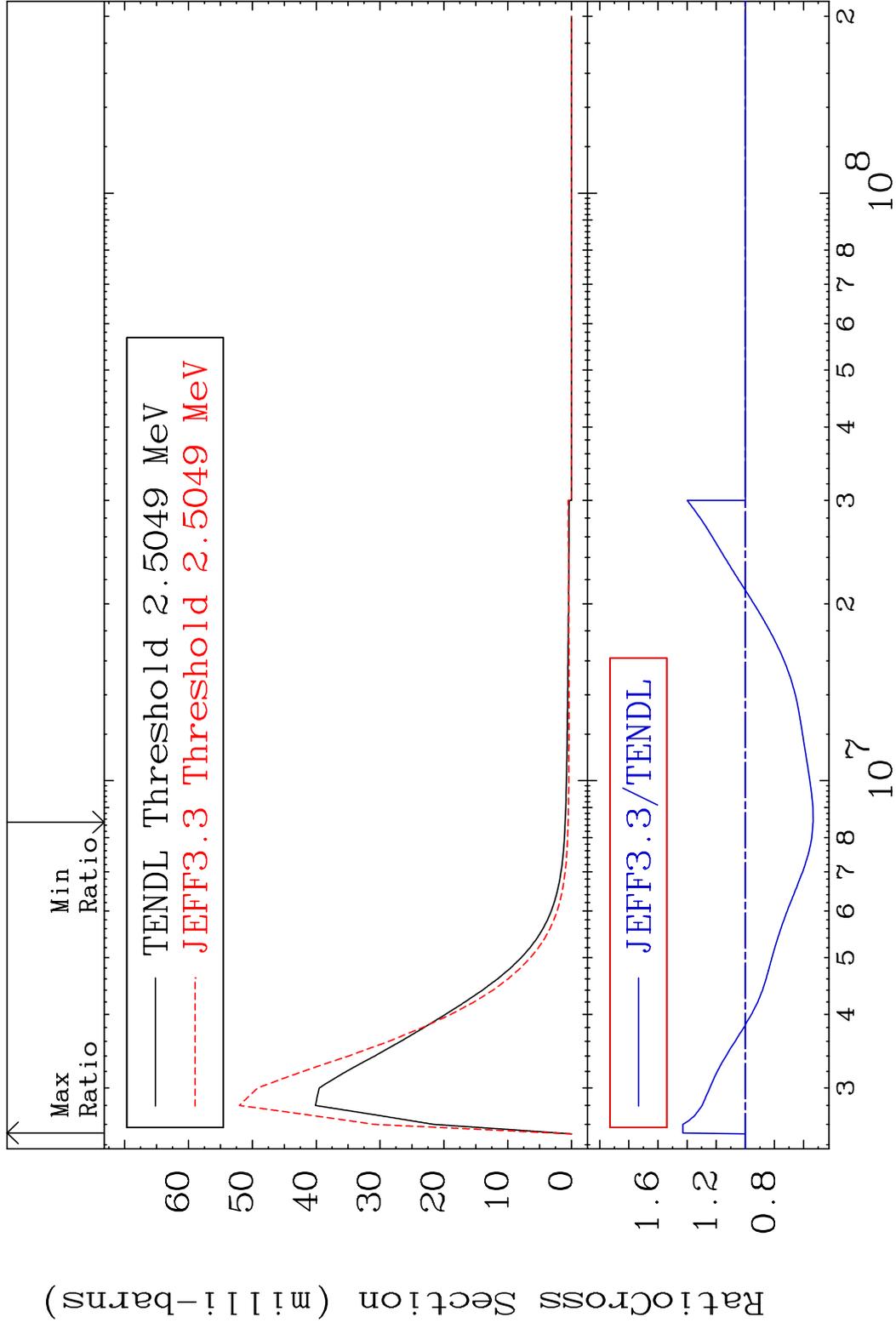
MAT 4625 MT= 67 (n, n') Level 46-Pd-102  
 Cross Section -100.0 To 0.010 %



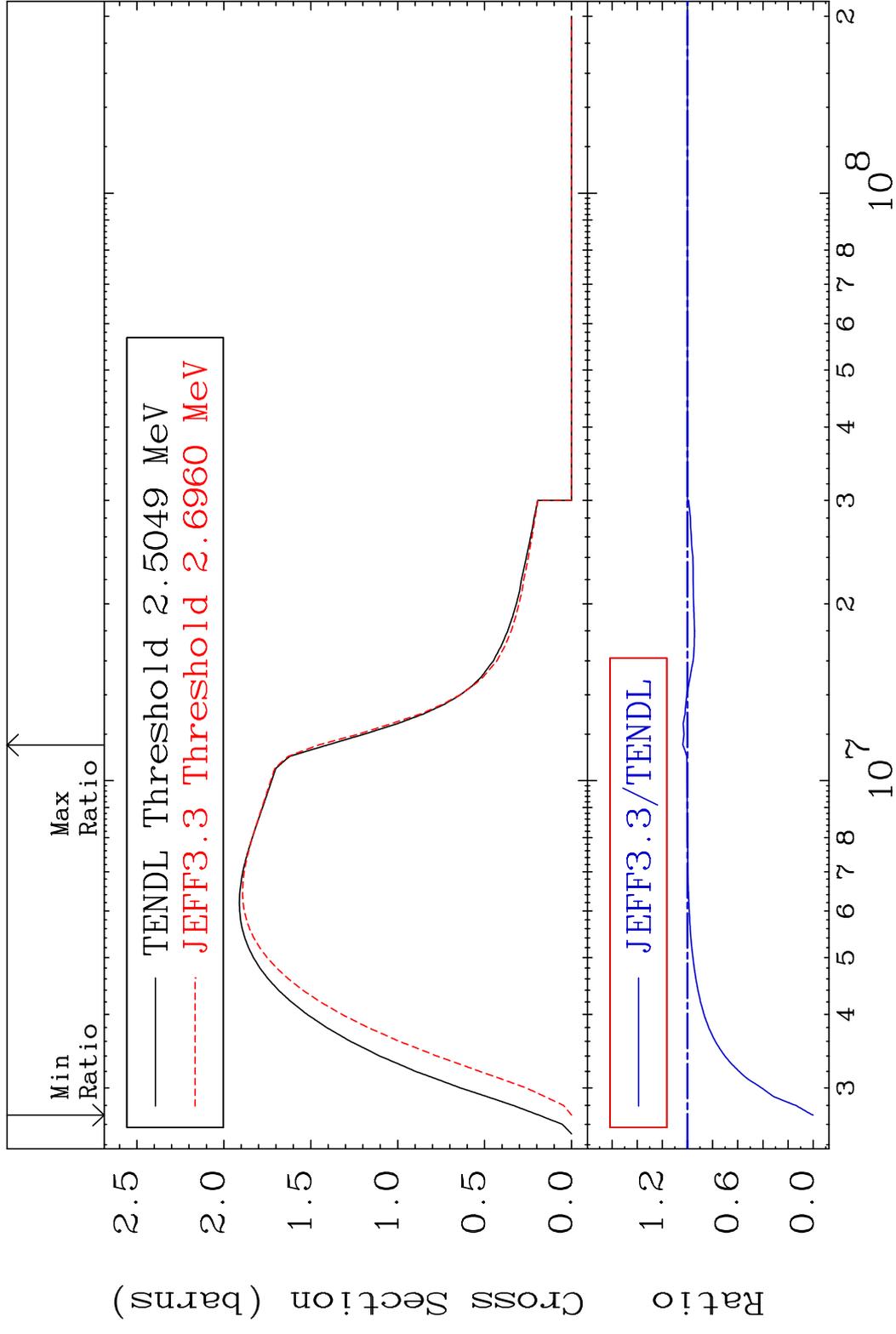
MAT 4625 MT= 68 (n, n') Level 46-Pd-102  
 Cross Section -4.471 To 2.693 %



MAT 4625 MT= 69 (n,n') Level 46-Pd-102  
 Cross Section -46.57 To 42.93 %

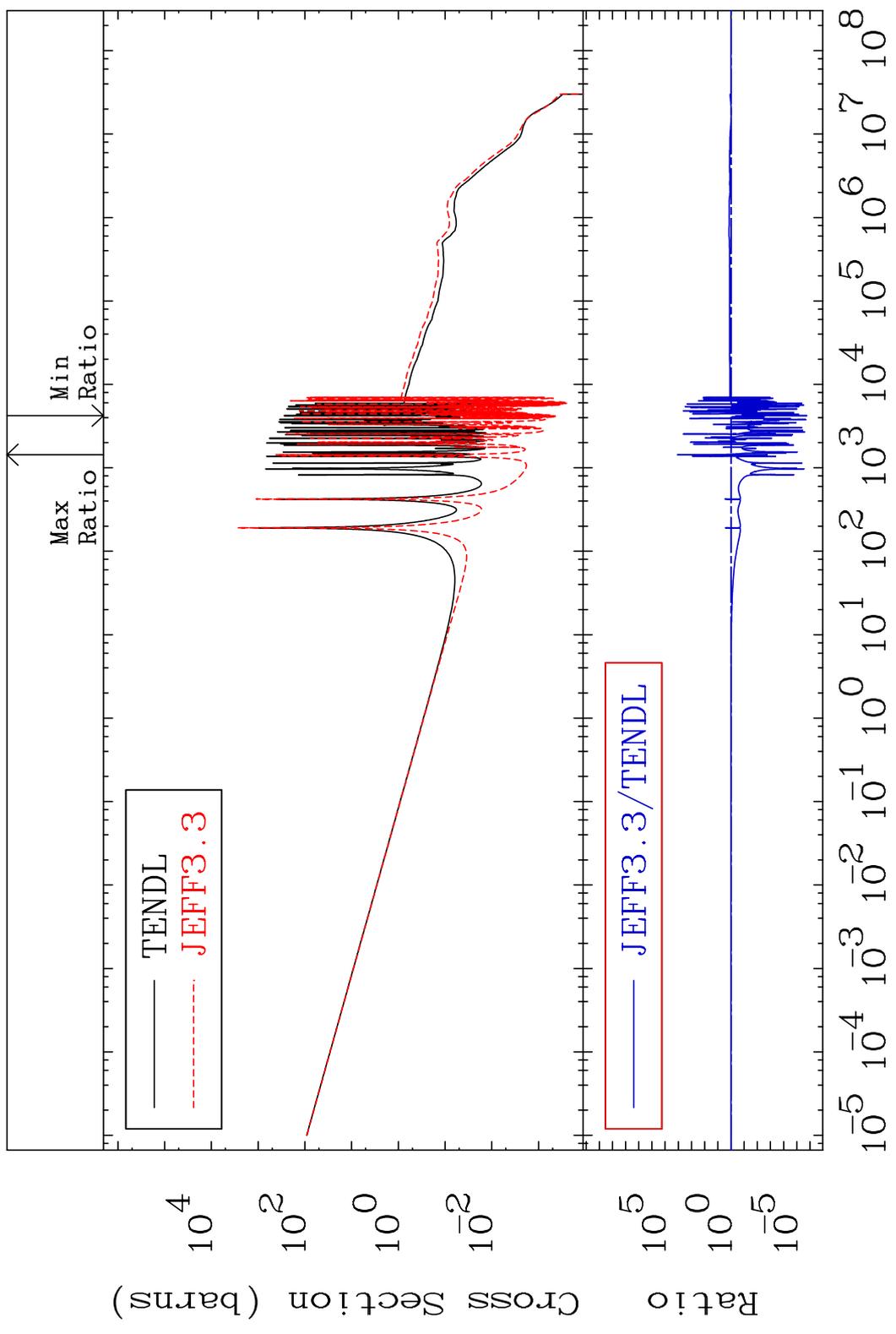


MAT 4625 (n,n') Continuum 46-Pd-102  
 Cross Section -100.0 To 3.687 %



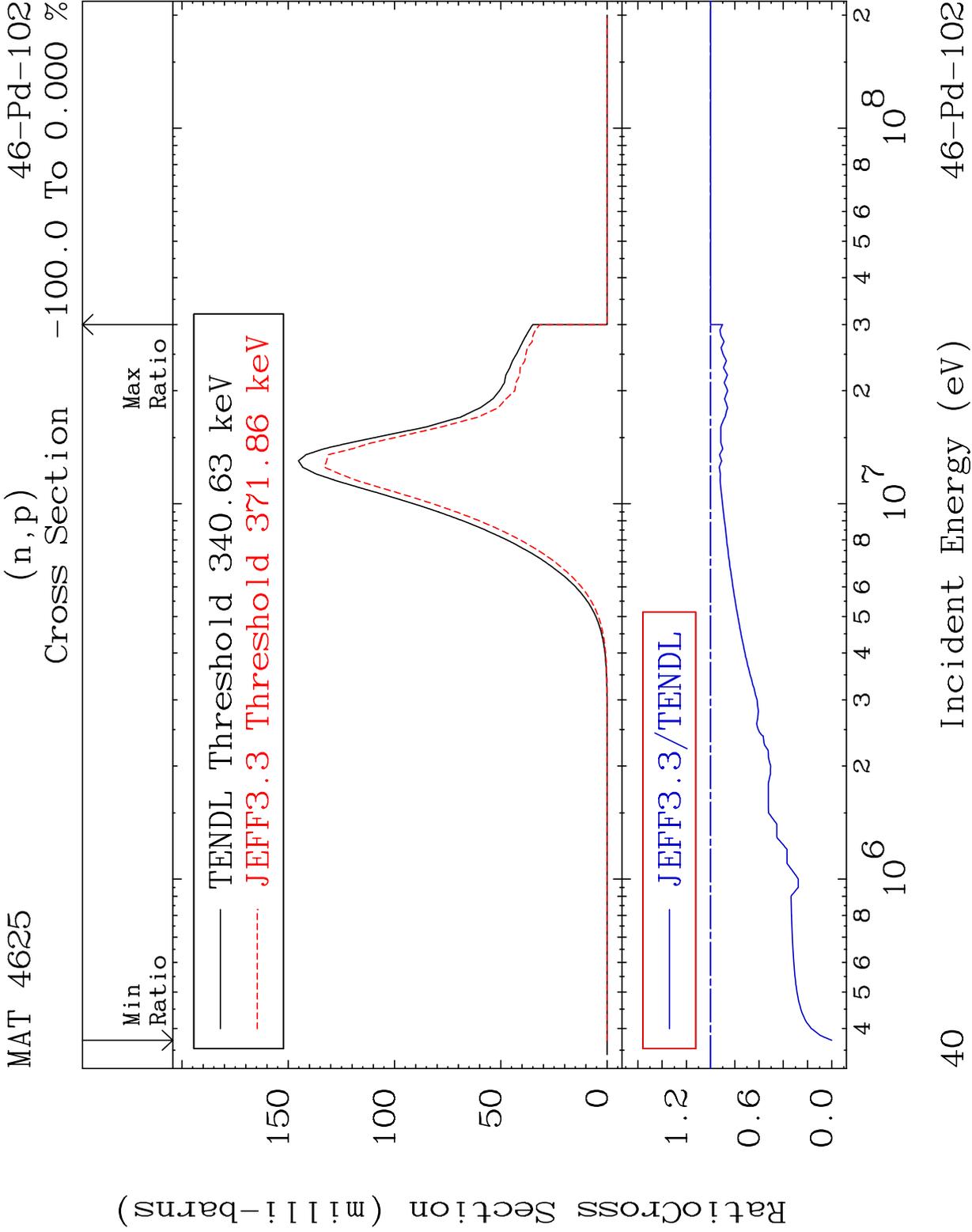
MAT 4625

(n,  $\gamma$ )  
Cross Section -100.0 To 9999. %  
46-Pd-102

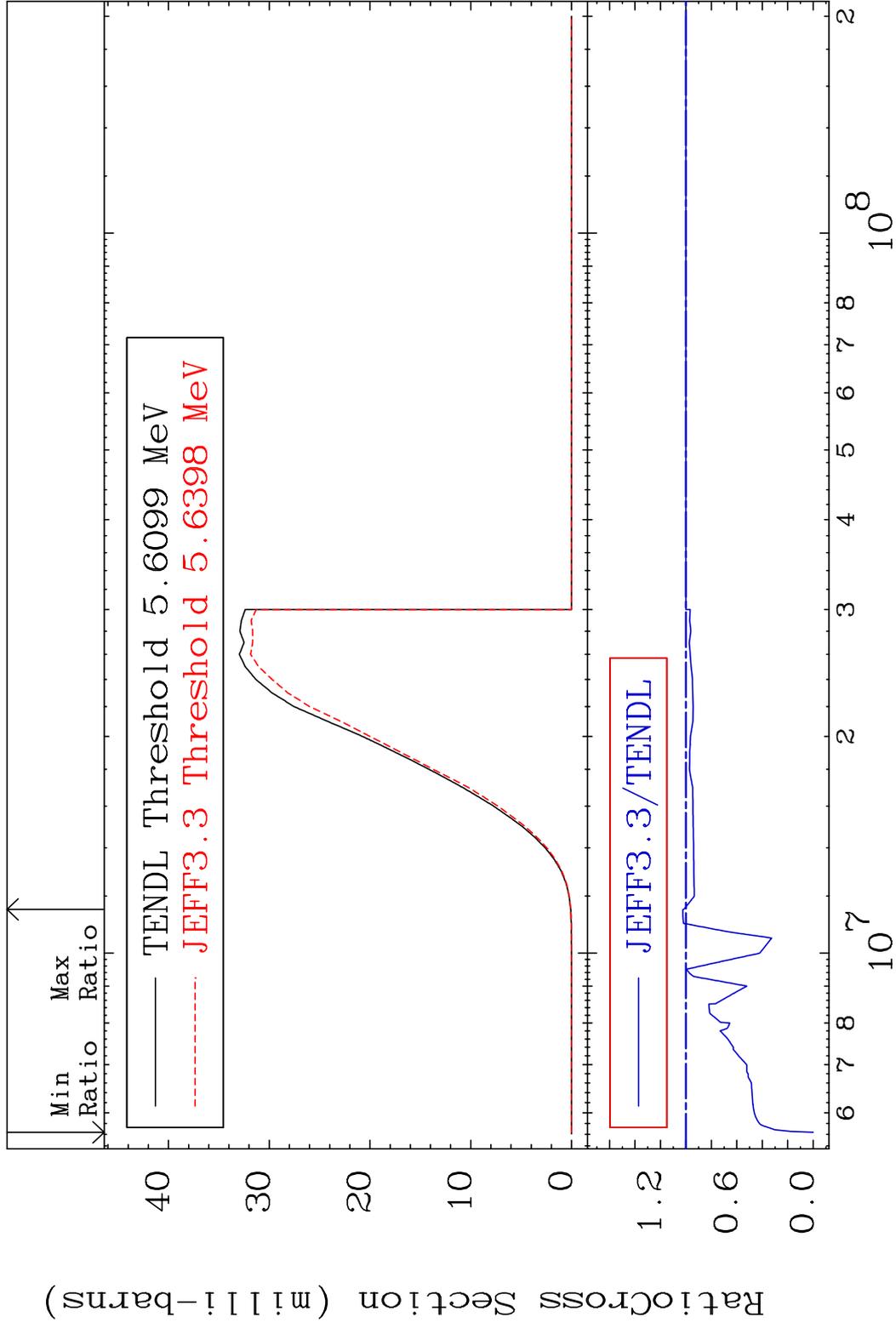


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Incident Energy (eV) 46-Pd-102



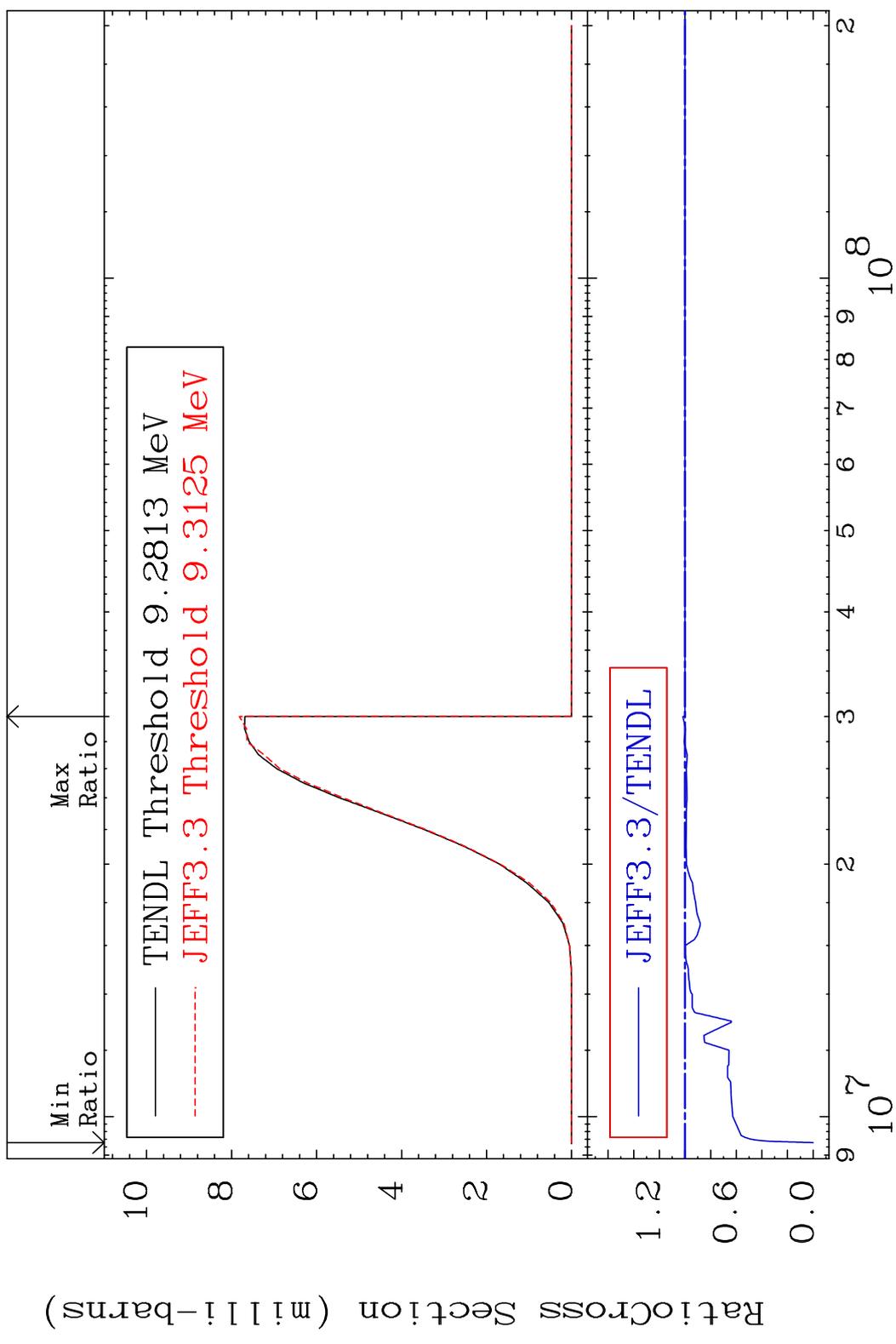
MAT 4625 (n,d) 46-Pd-102  
 Cross Section -100.0 To 2.427 %



MAT 4625

(n, t) 46-Pd-102

Cross Section -100.0 To 1.675 %



42

Incident Energy (eV)

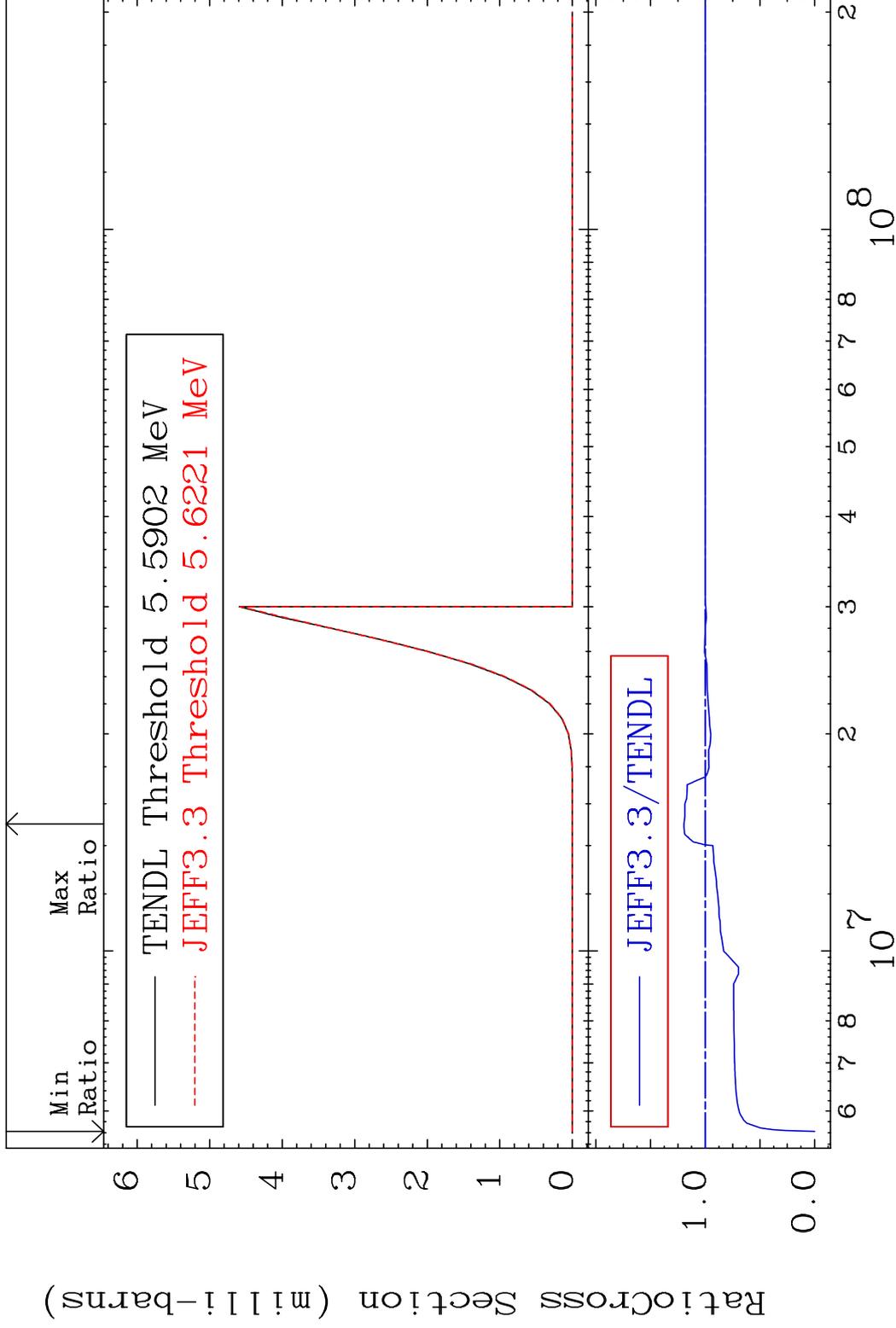
46-Pd-102

MAT 4625

(n, He-3)

46-Pd-102

Cross Section -100.0 To 19.52 %



43

Incident Energy (eV)

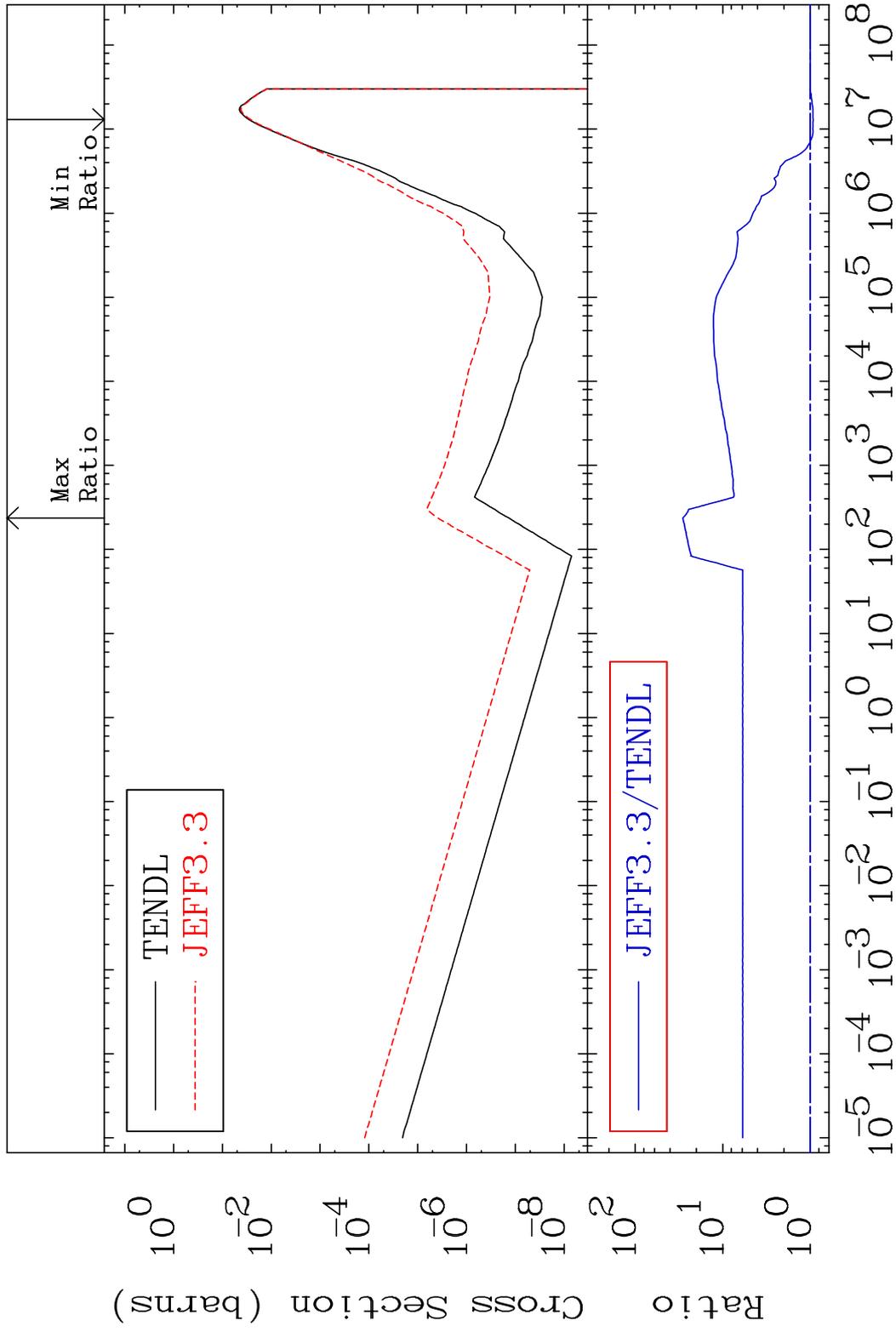
46-Pd-102

MAT 4625

(n,  $\alpha$ )

46-Pd-102

Cross Section -7.171 To 2760. %



44

Incident Energy (eV)

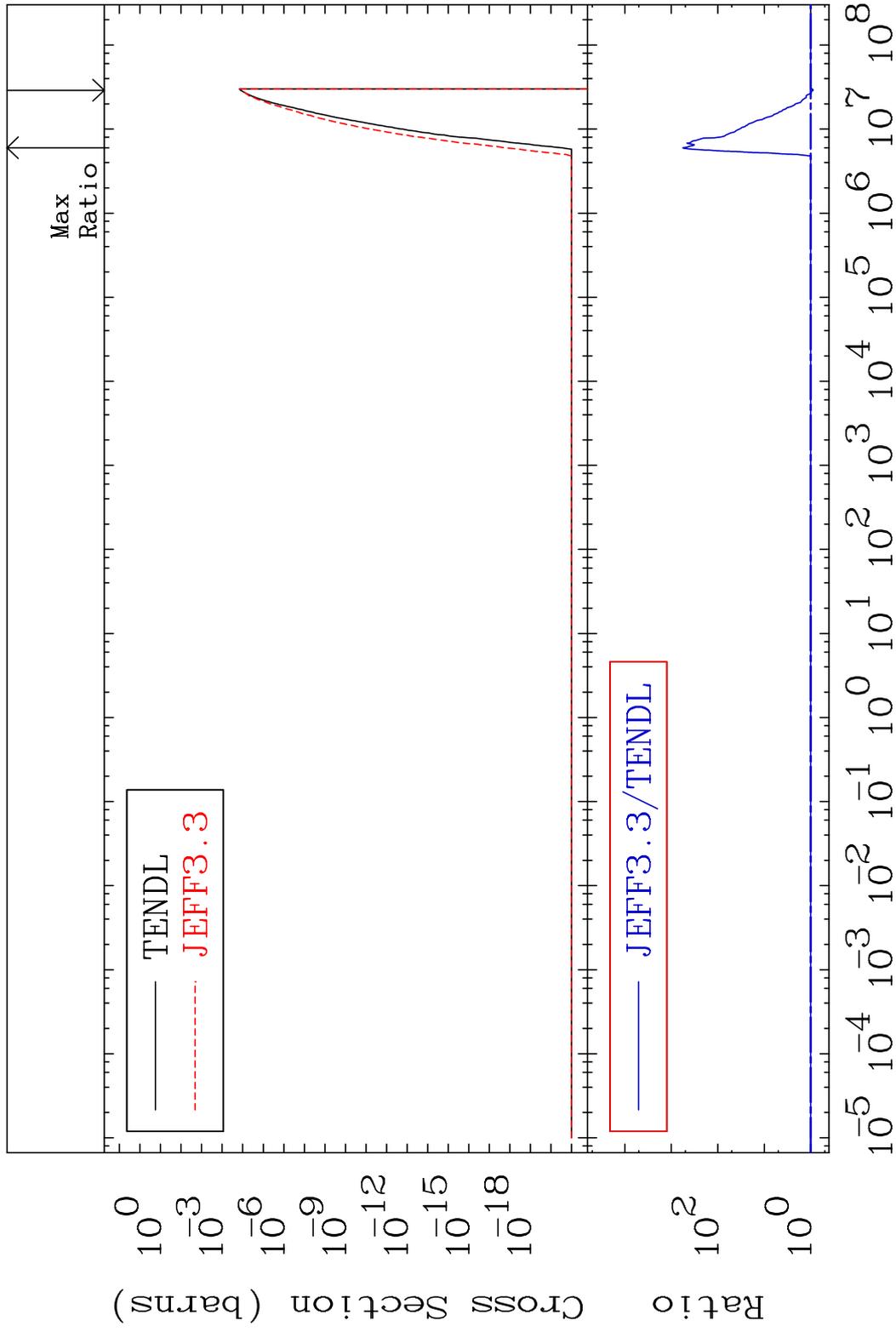
46-Pd-102

MAT 4625

(n,2α)

46-Pd-102

Cross Section -11.06 To 9999. %

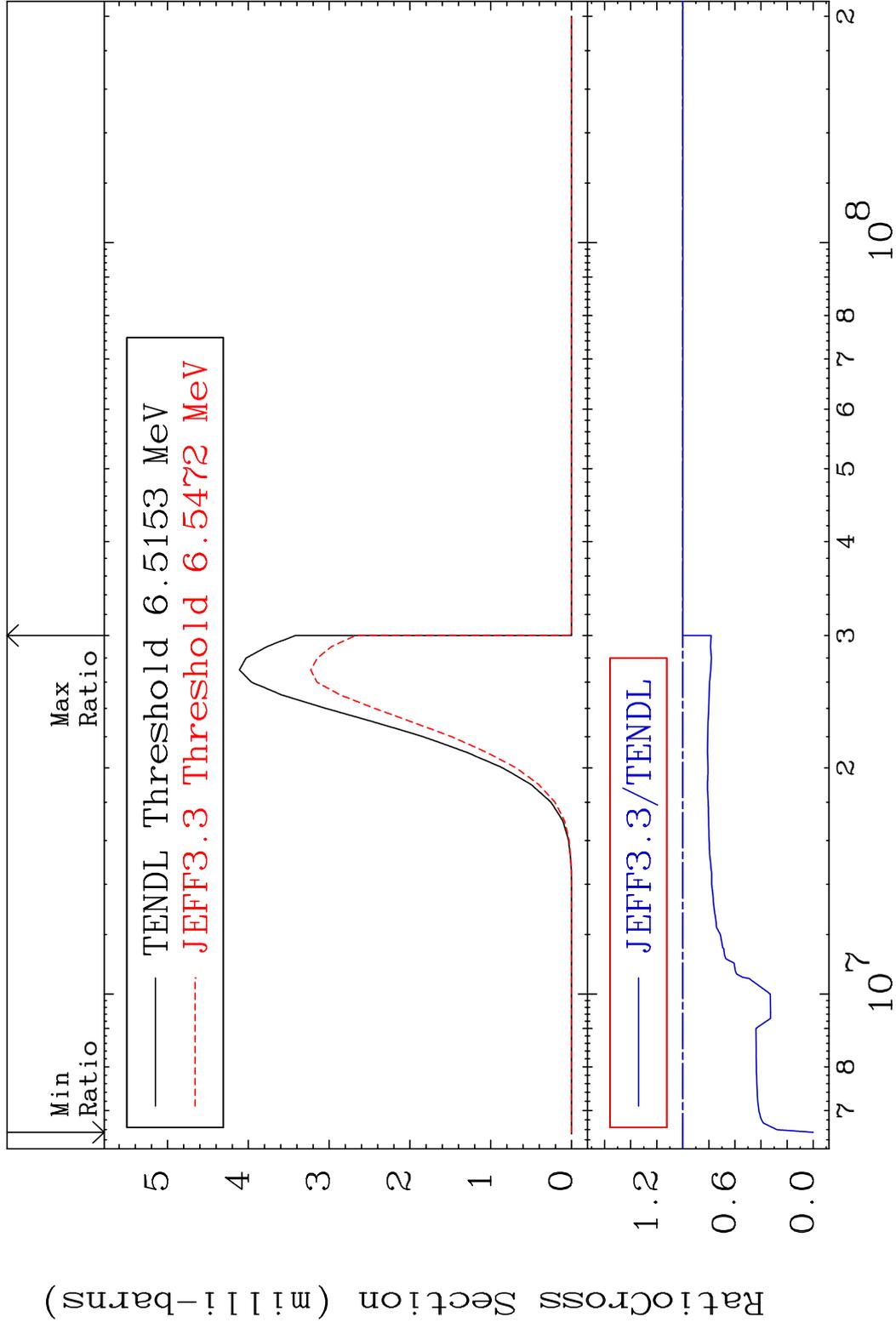


45

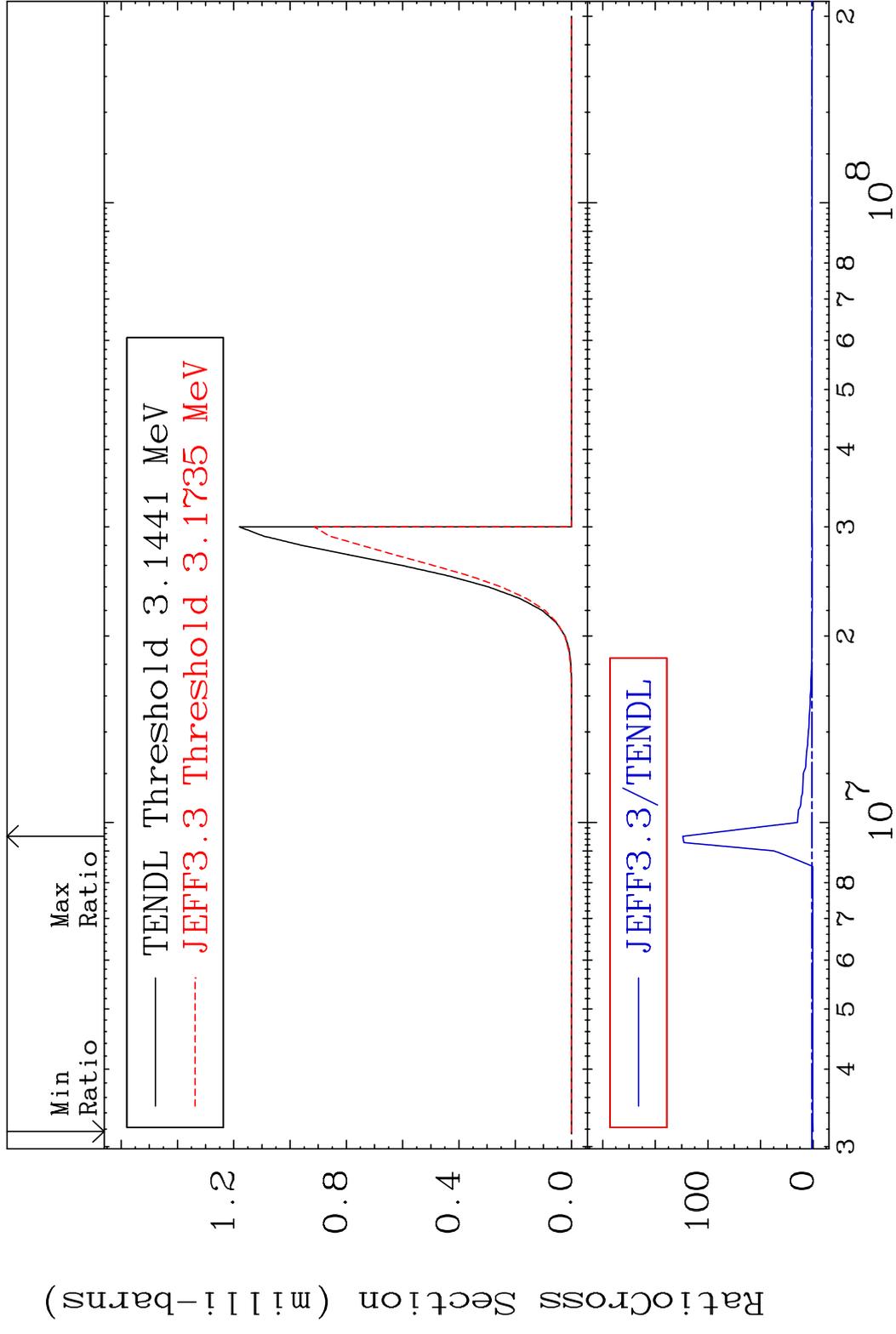
Incident Energy (eV)

46-Pd-102

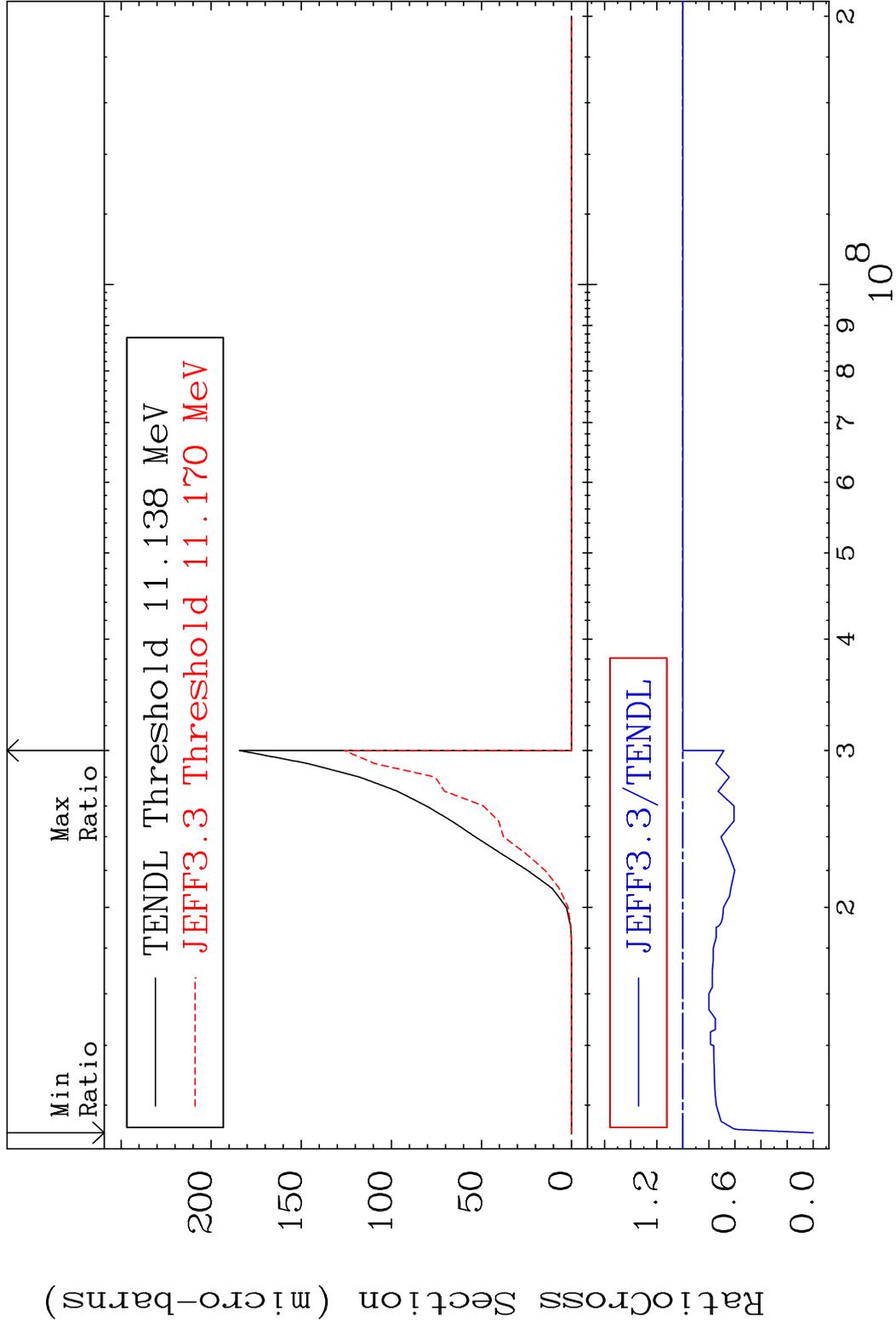
MAT 4625 (n,2p) 46-Pd-102  
 Cross Section -100.0 To 0.000 %



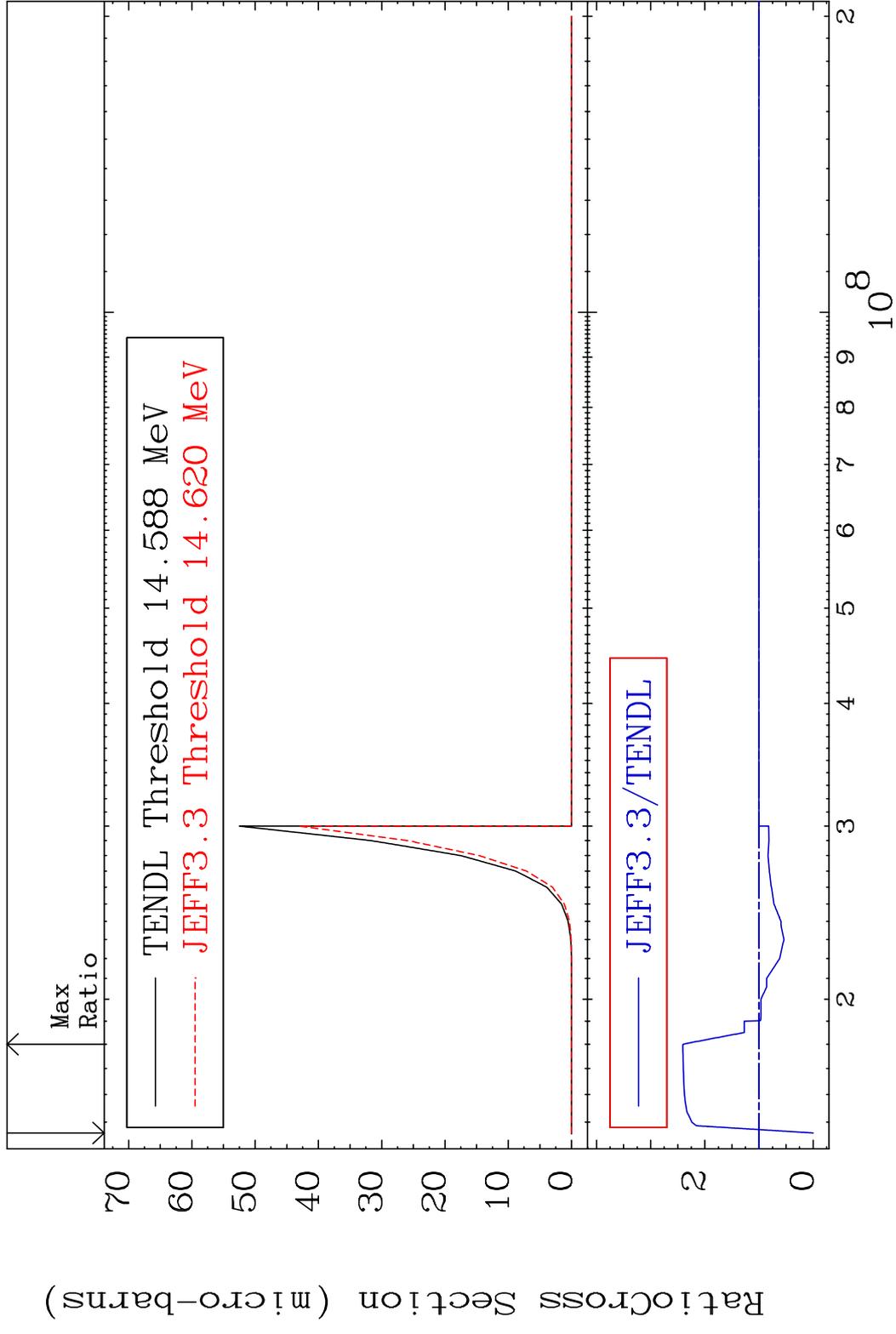
MAT 4625 (n,p)  $\alpha$  46-Pd-102  
 Cross Section -100.0 To 9999. %



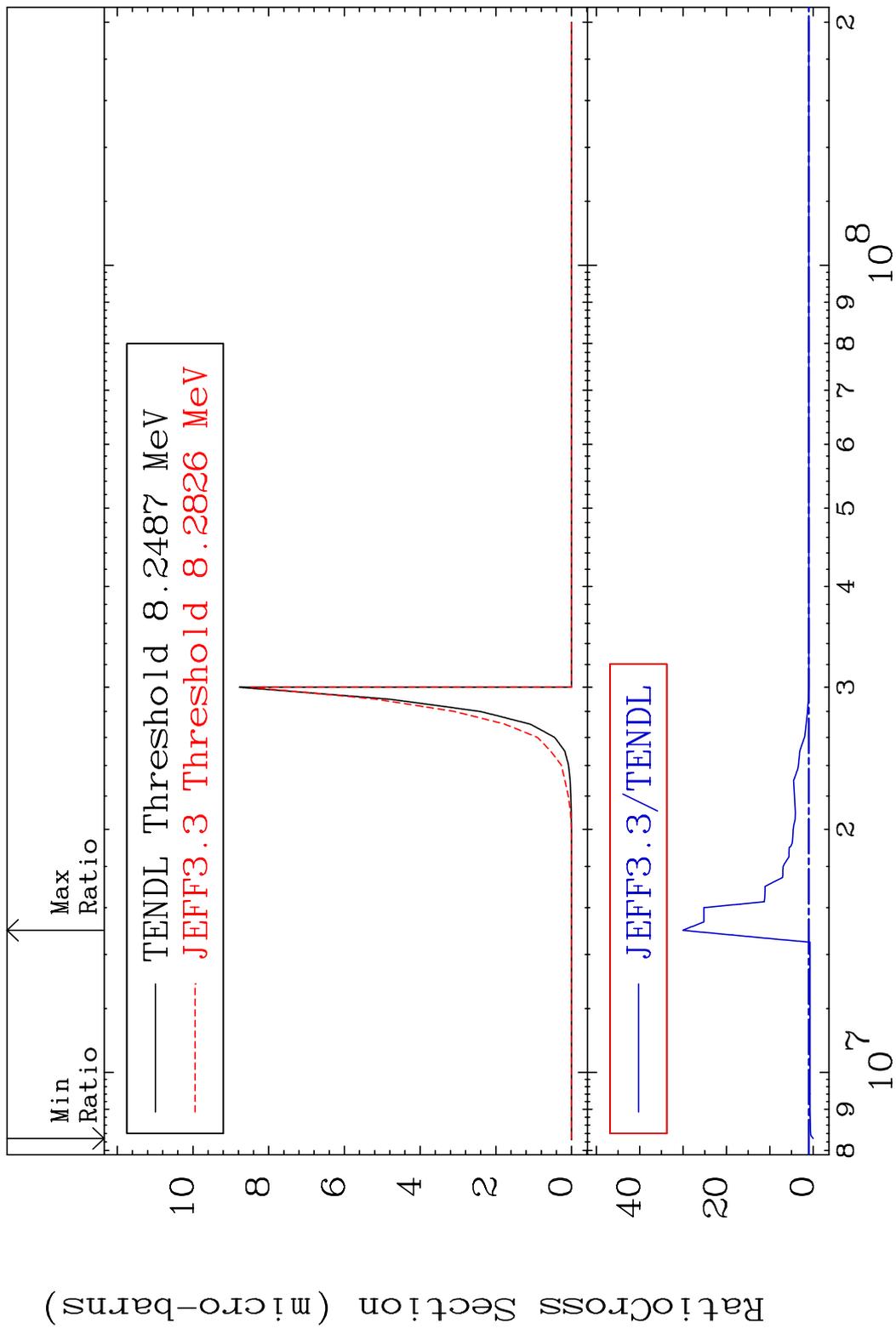
MAT 4625 (n,p) d 46-Pd-102  
 Cross Section -100.0 To 0.000 %



MAT 4625 (n,p) t 46-Pd-102  
 Cross Section -100.0 To 140.6 %

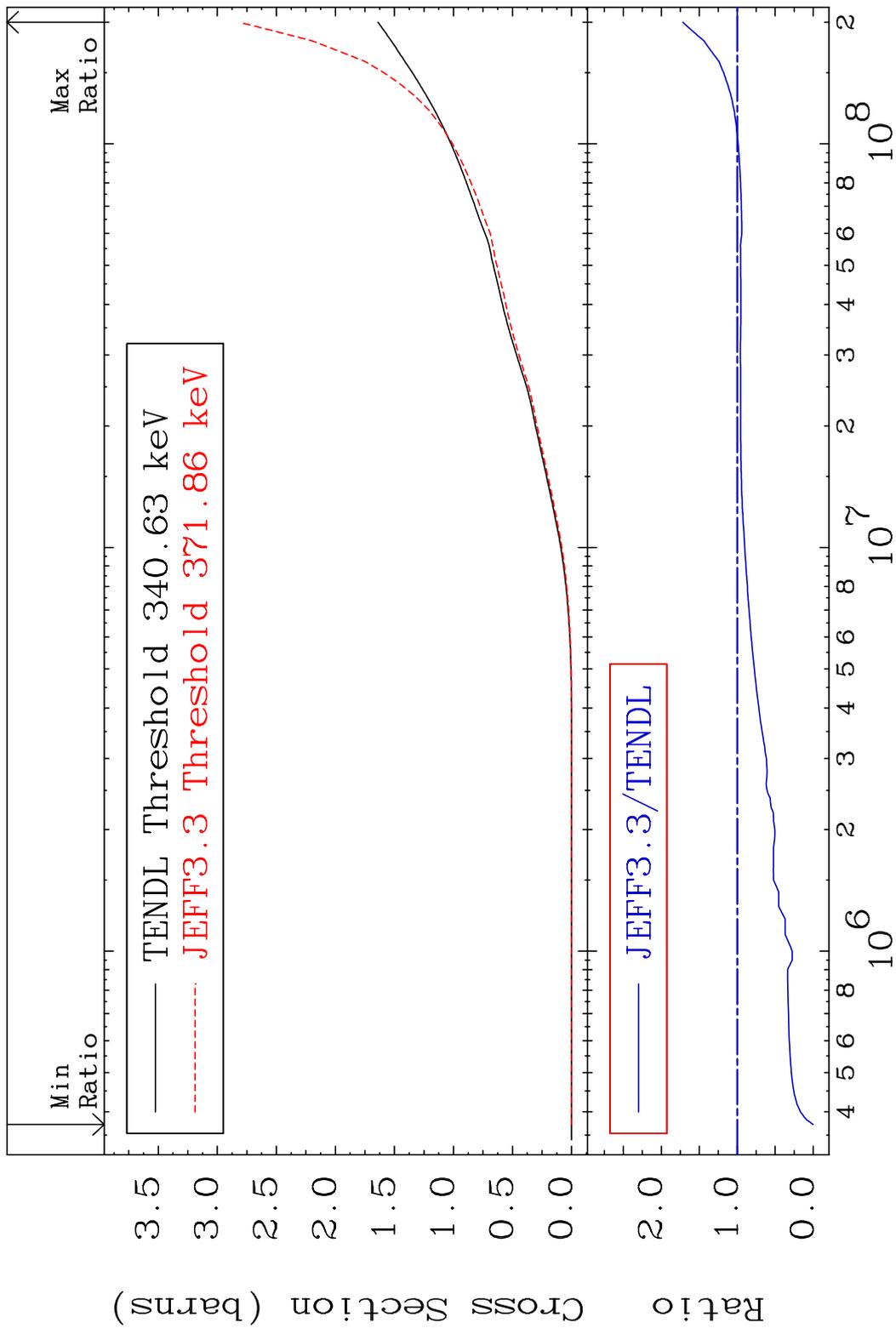


MAT 4625 (n,d)  $\alpha$  46-Pd-102  
 Cross Section -100.0 To 2904. %

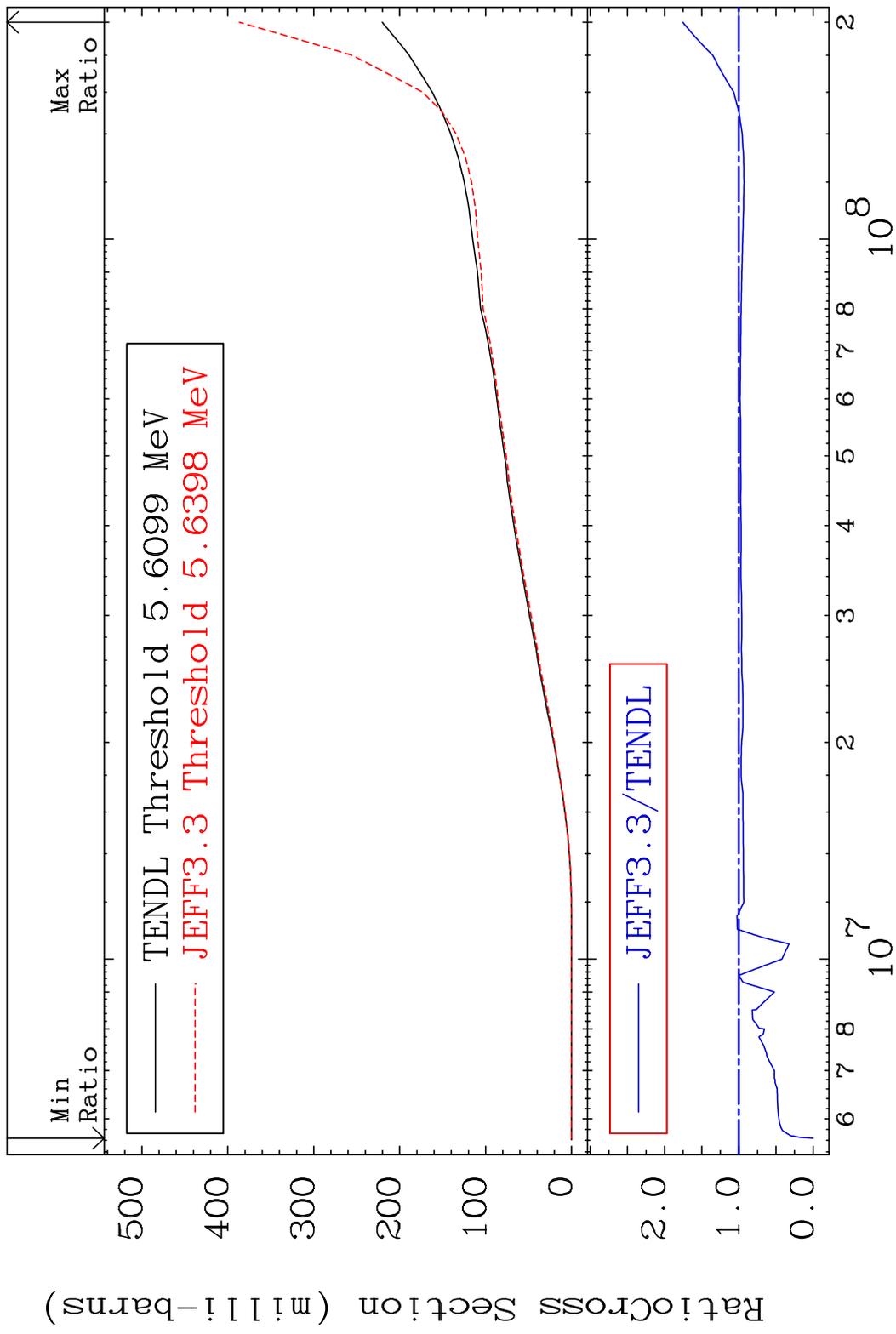


50 46-Pd-102

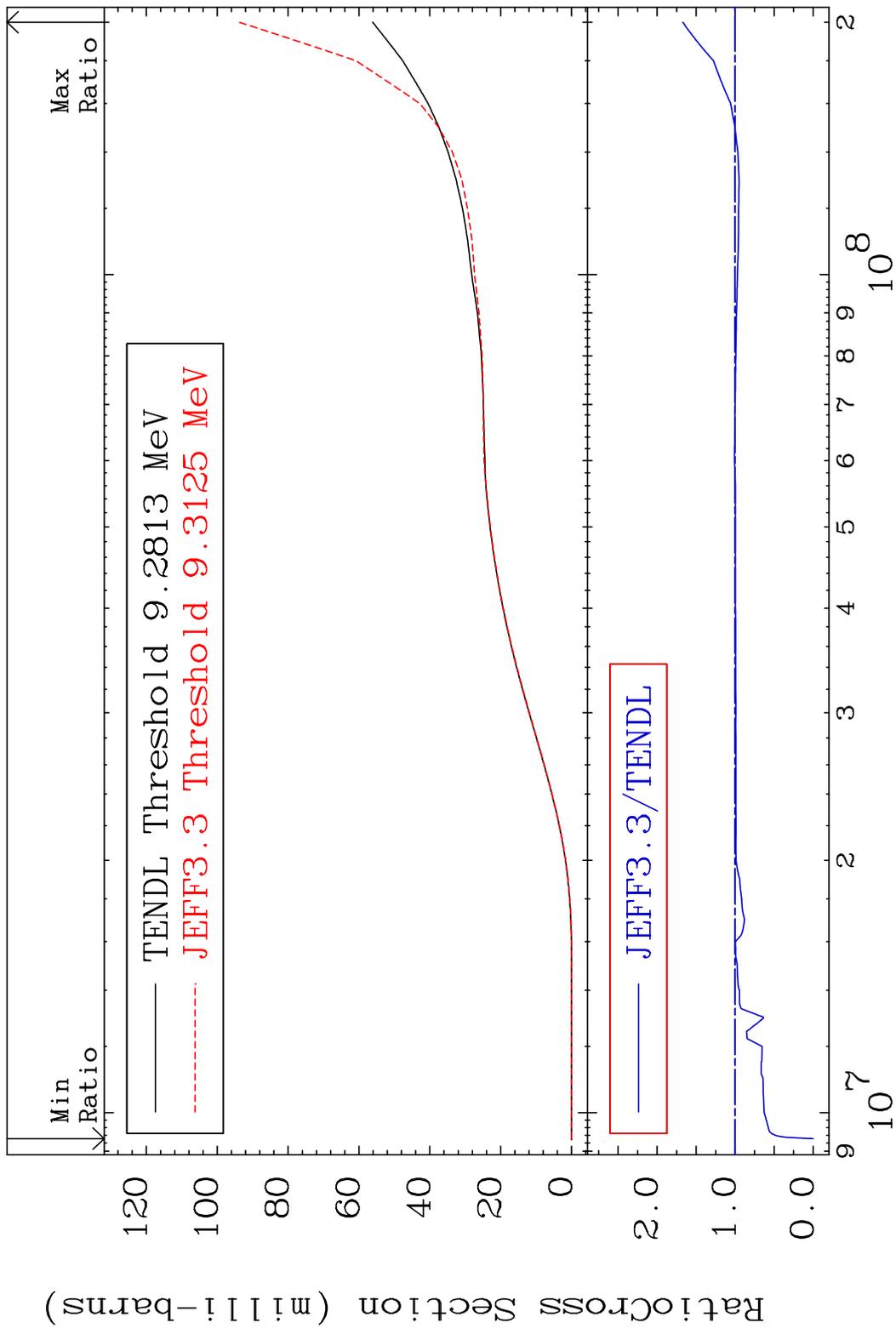
MAT 4625 Hydrogen Production 46-Pd-102  
 Cross Section -100.0 To 71.65 %



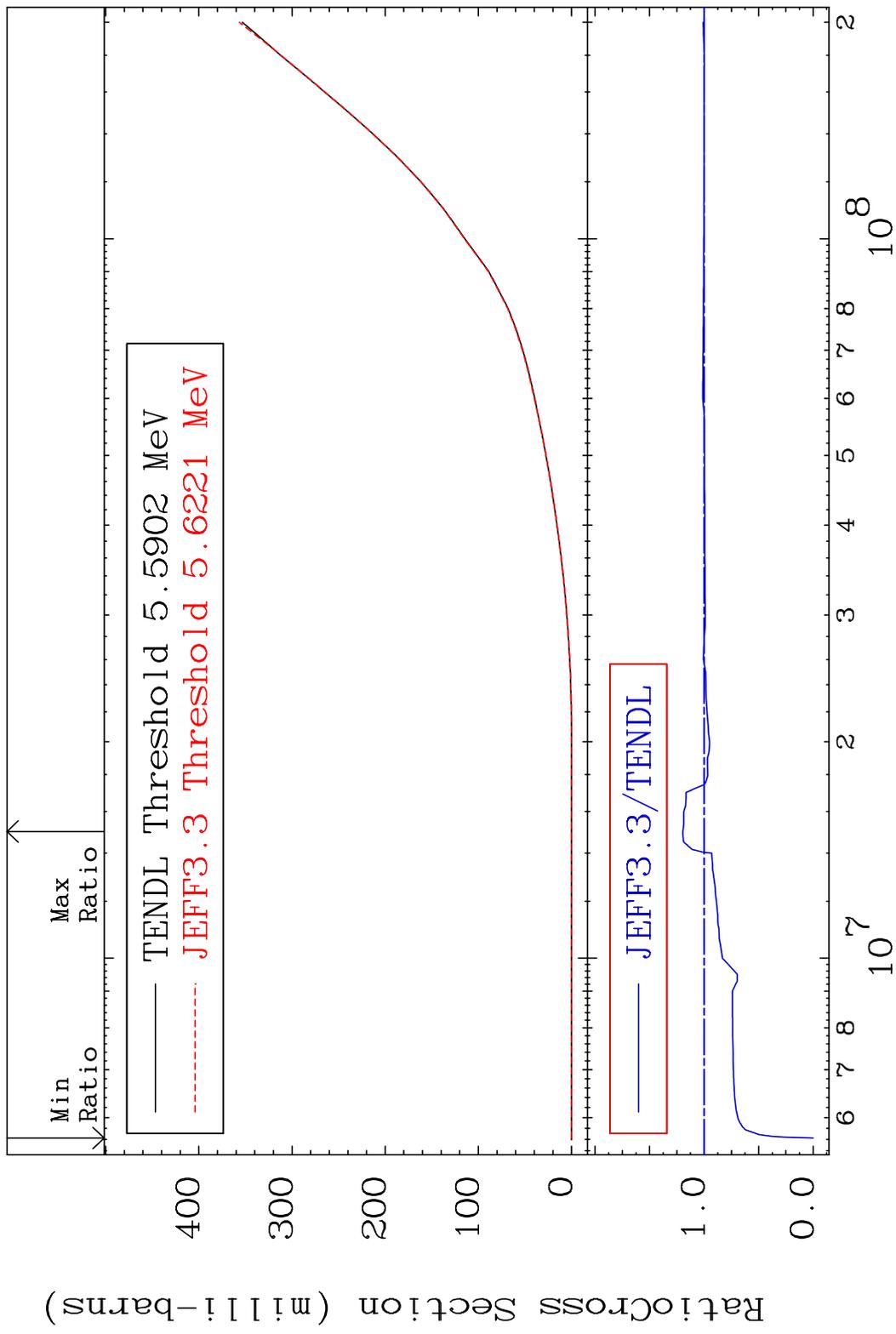
MAT 4625 Deuterium Production 46-Pd-102  
 Cross Section -100.0 To 75.43 %



MAT 4625 Tritium Production 46-Pd-102  
 Cross Section -100.0 To 67.04 %



MAT 4625 He-3 Production 46-Pd-102  
 Cross Section -100.0 To 19.52 %

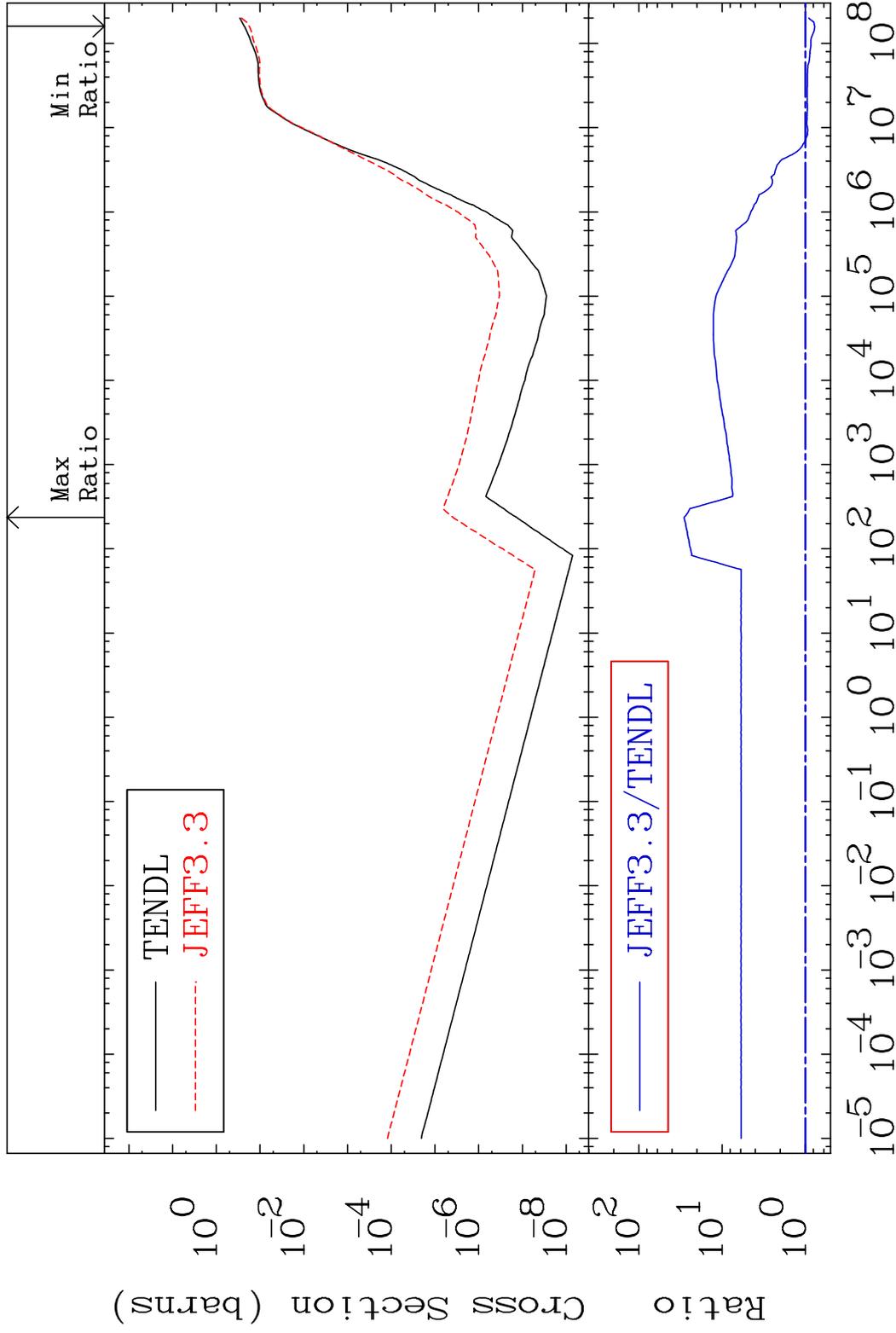


MAT 4625

He-4 Production

46-Pd-102

Cross Section -22.73 To 2760. %

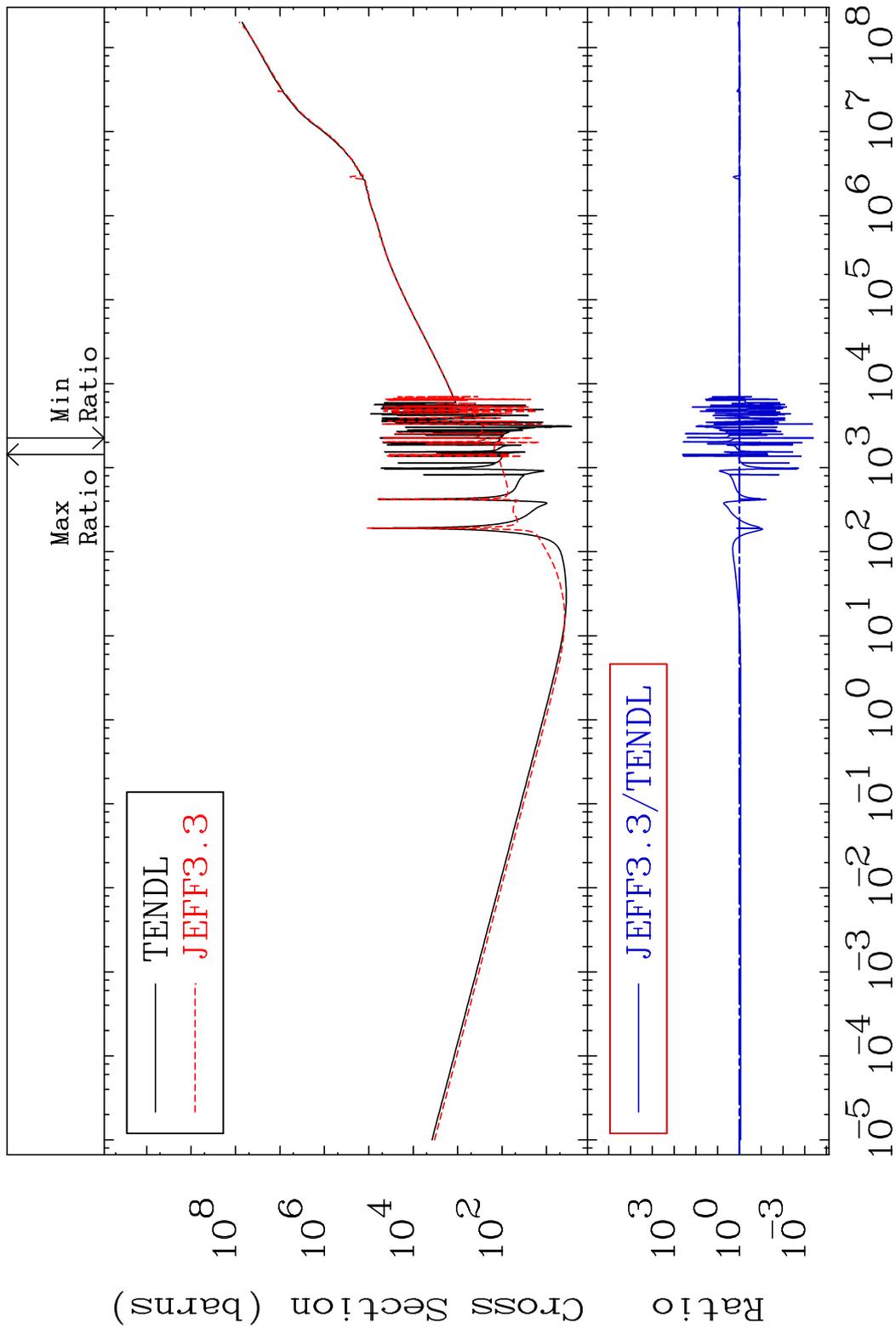


55

Incident Energy (eV)

46-Pd-102

MAT 4625 Kerma total (eV-barns) 46-Pd-102  
 Cross Section -99.96 To 9999. %

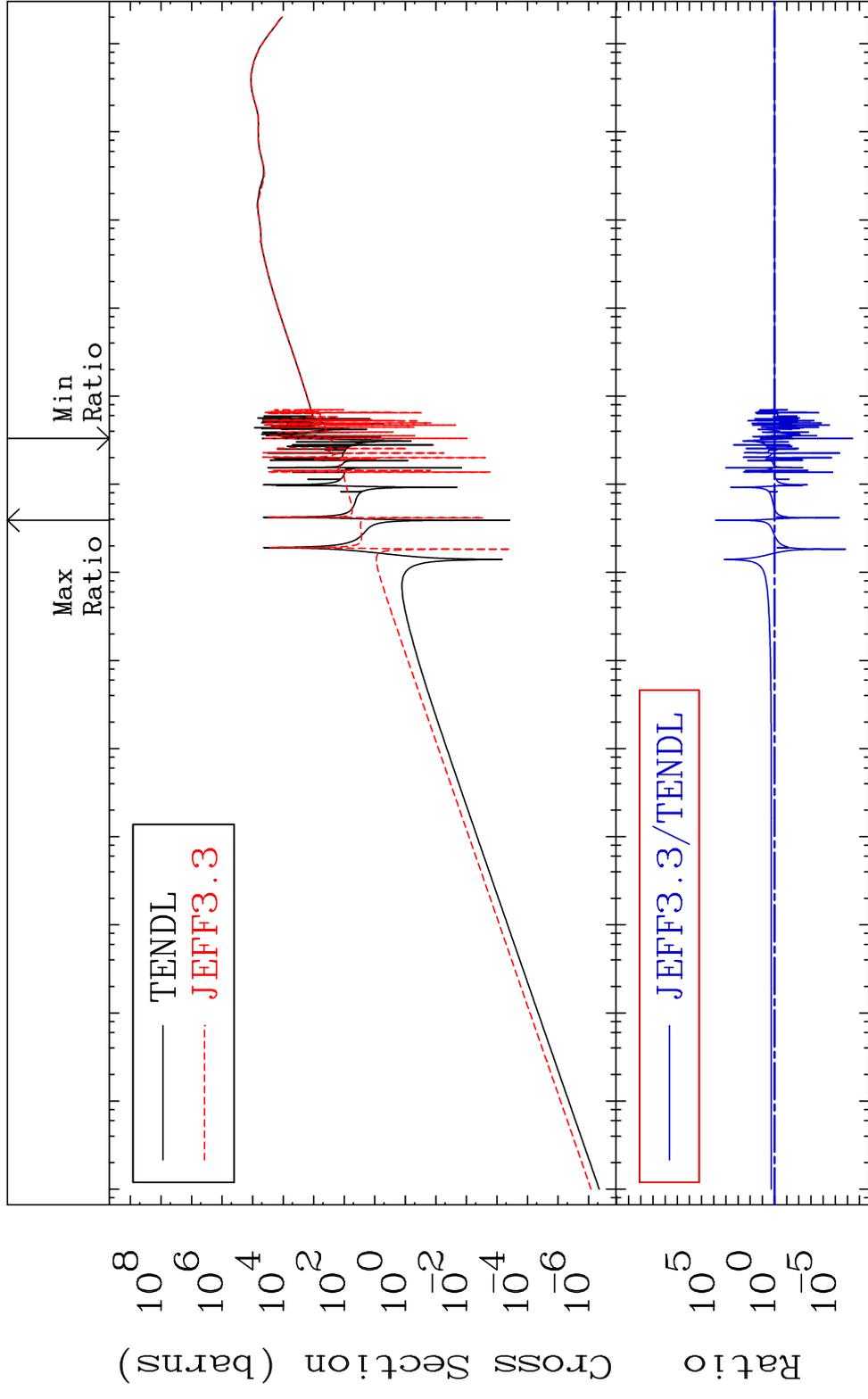


56 Incident Energy (eV) 46-Pd-102

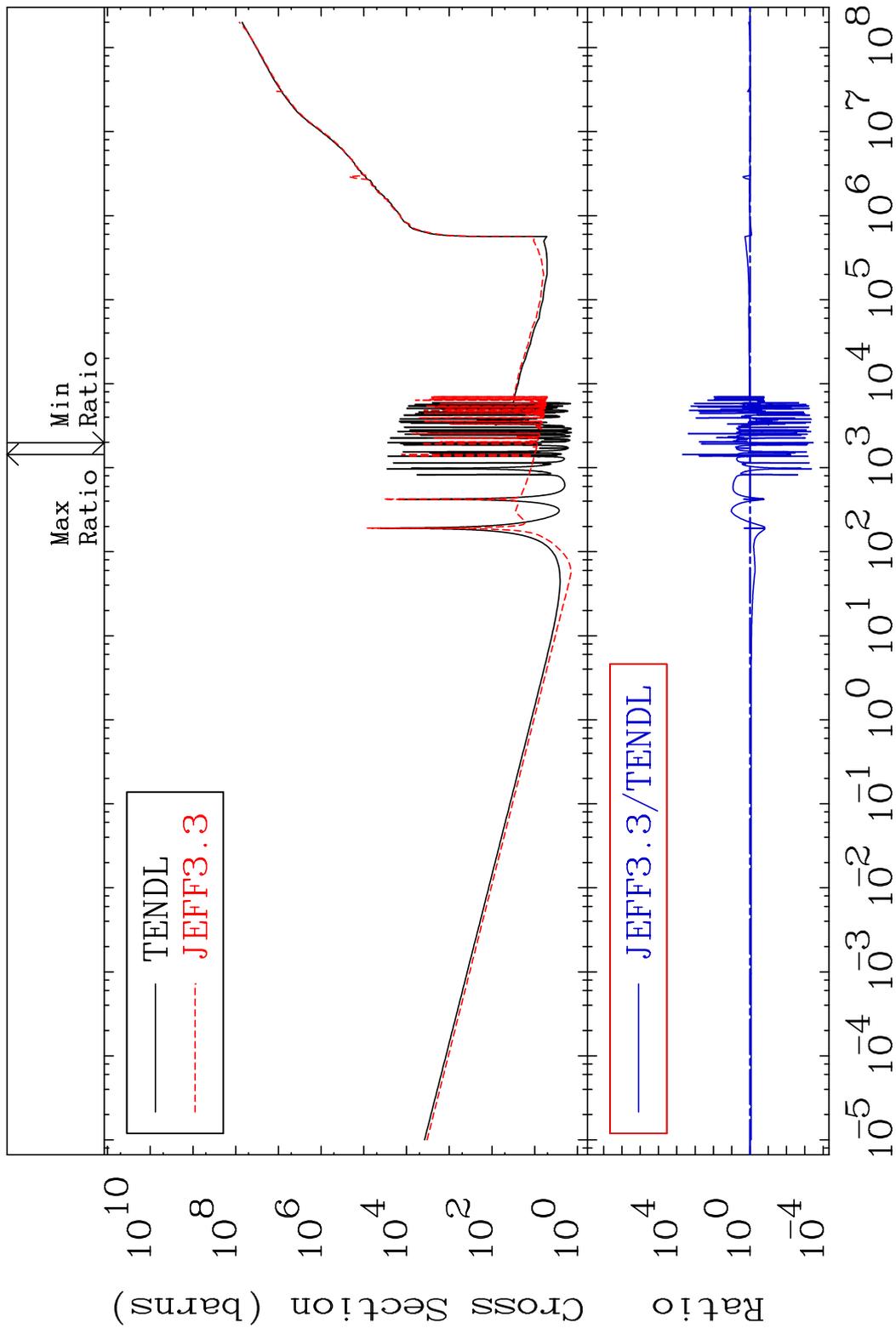
MAT 4625

Kerma elastic  
Cross Section

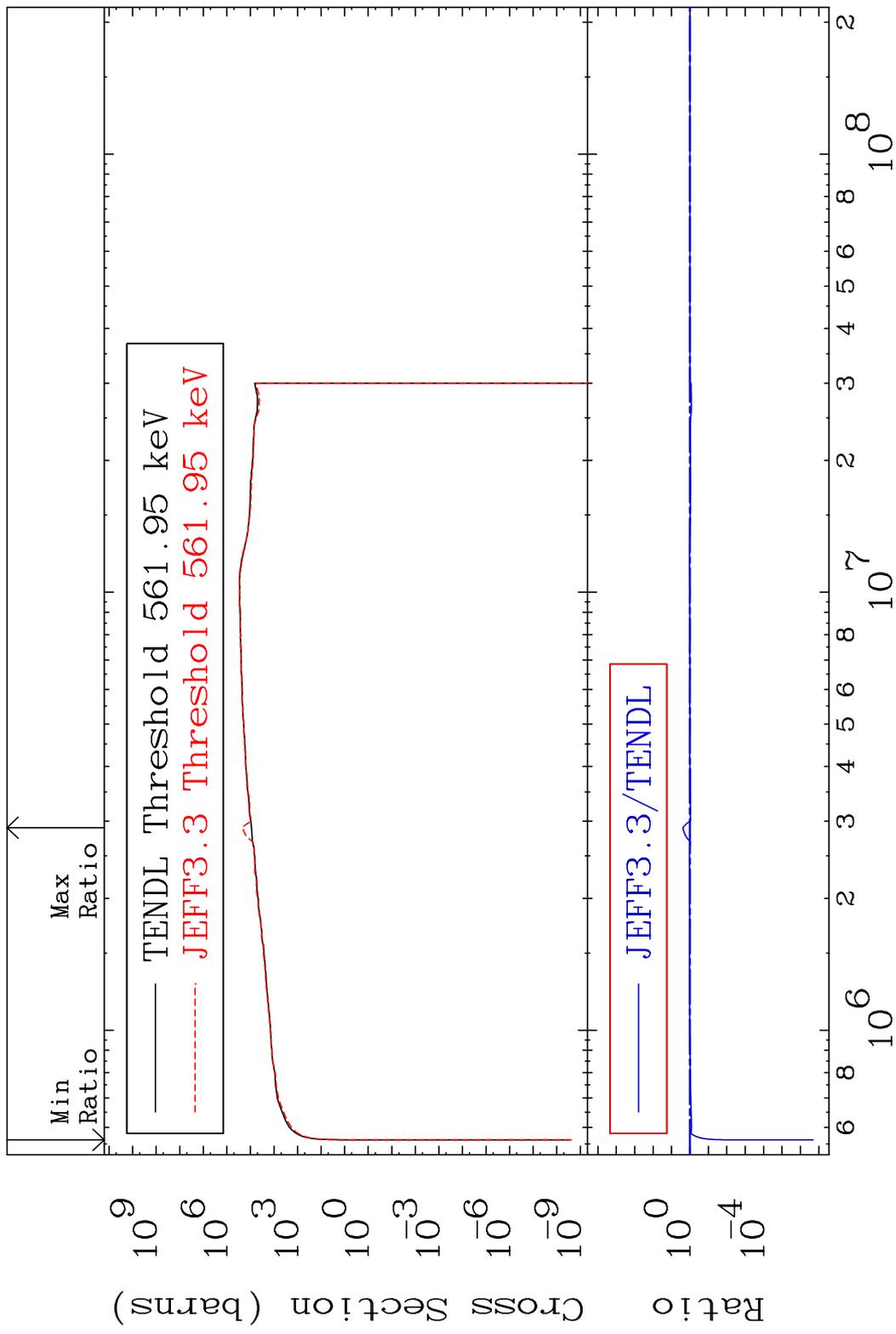
46-Pd-102  
-100.0 To 9999. %



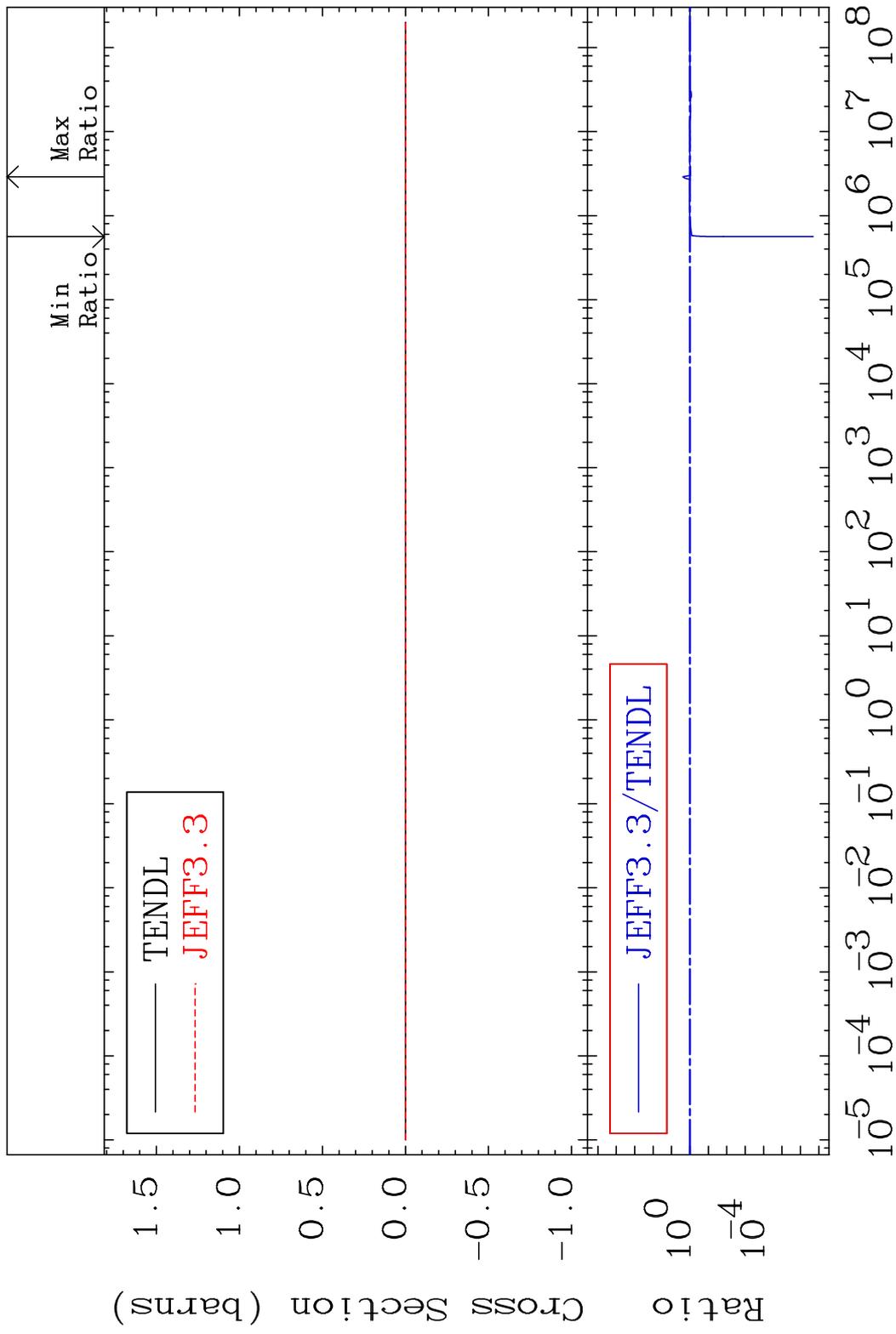
MAT 4625 Kerma non-elastic (all but mt2) 46-Pd-102  
 Cross Section -99.96 To 9999. %



MAT 4625 Kerma inelastic (mt51-91) 46-Pd-102  
 Cross Section -100.0 To 142.6 %

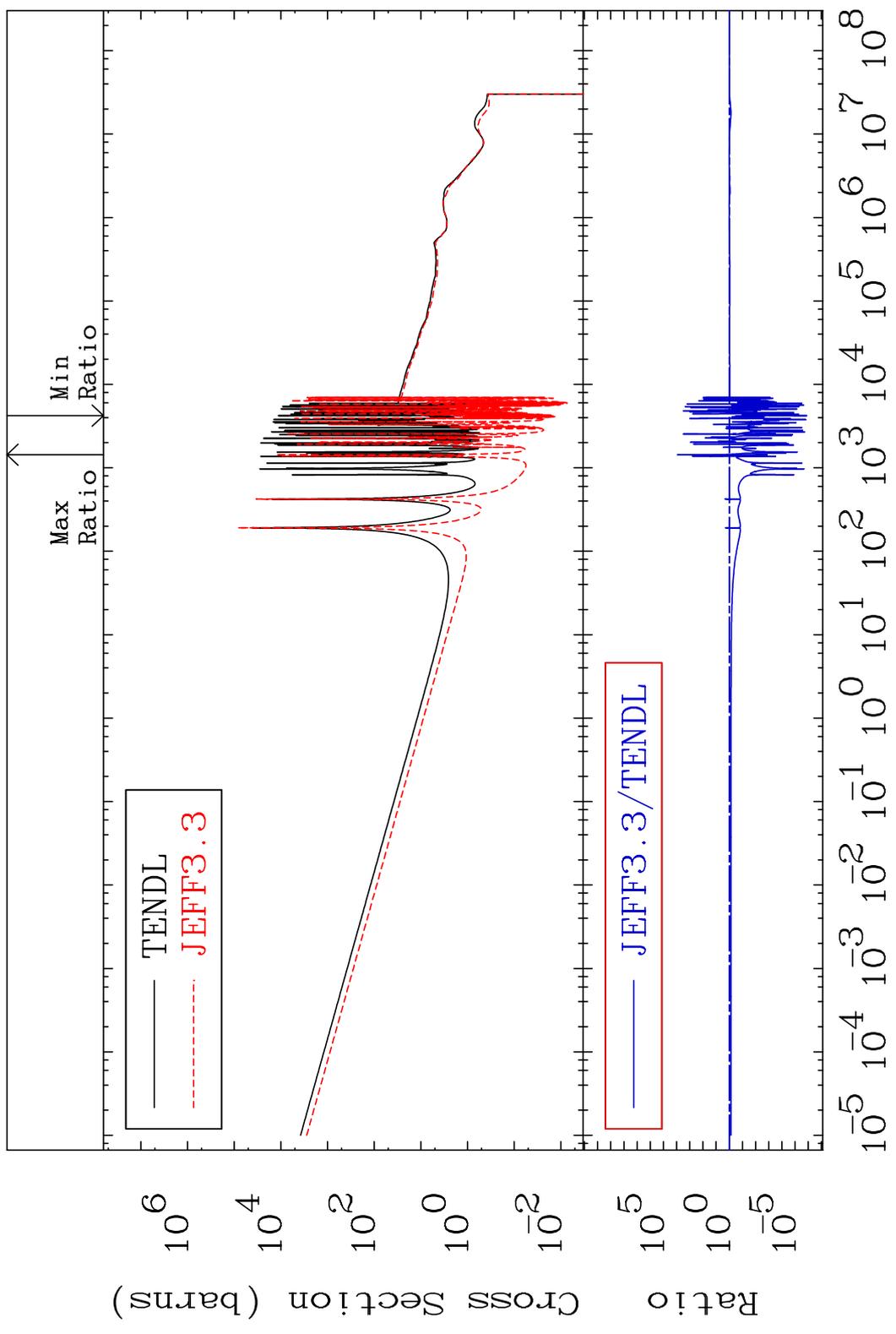


MAT 4625 Kerma fission (mt18 or mt19-20-21-38) 46-Pd-102  
 Cross Section -100.0 To 142.6 %



MAT 4625

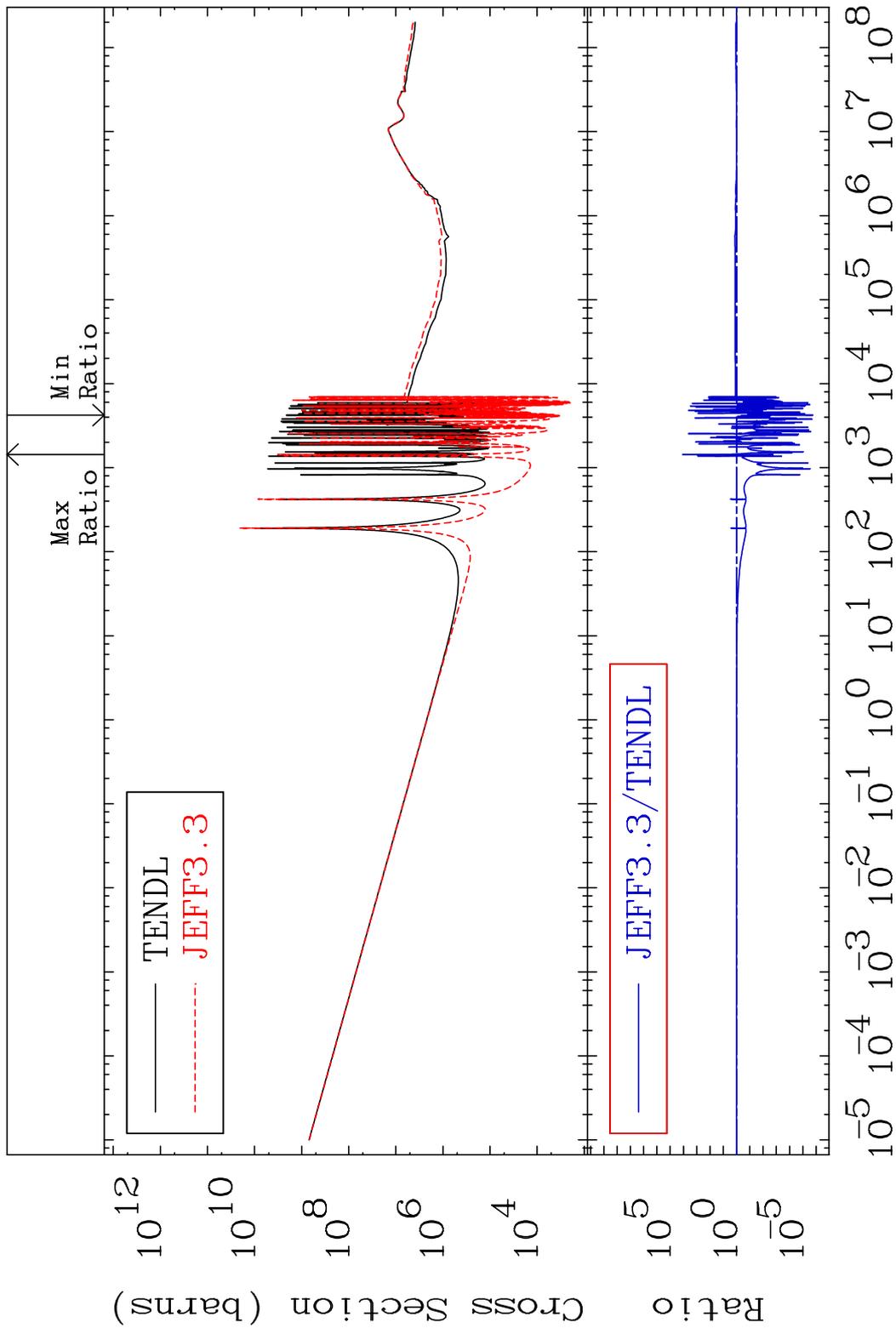
Kerma capture (mt102) 46-Pd-102  
Cross Section -100.0 To 9999. %



61

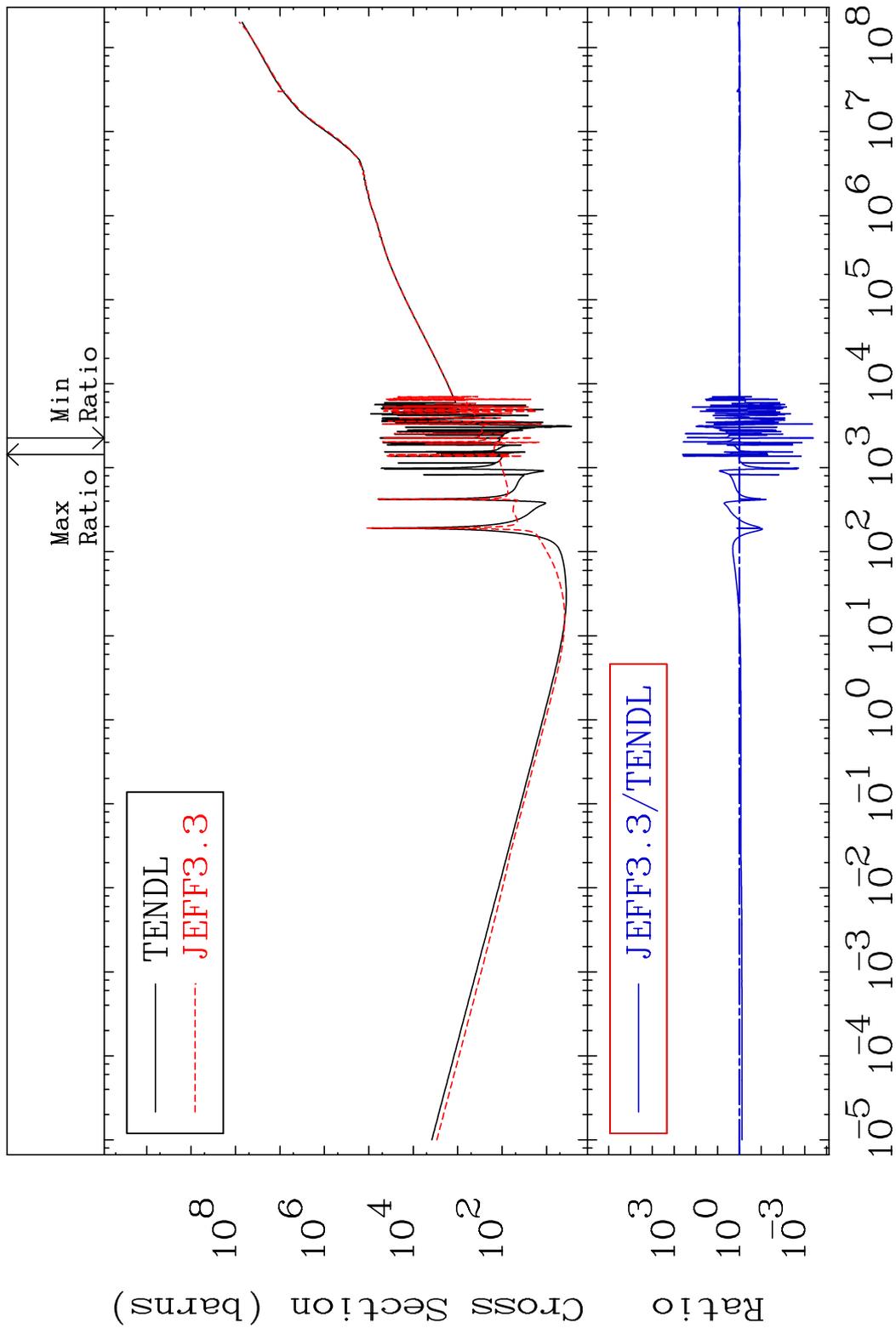
Incident Energy (eV) 46-Pd-102

MAT 4625 Total photon (eV-barns) 46-Pd-102  
 Cross Section -100.0 To 9999. %

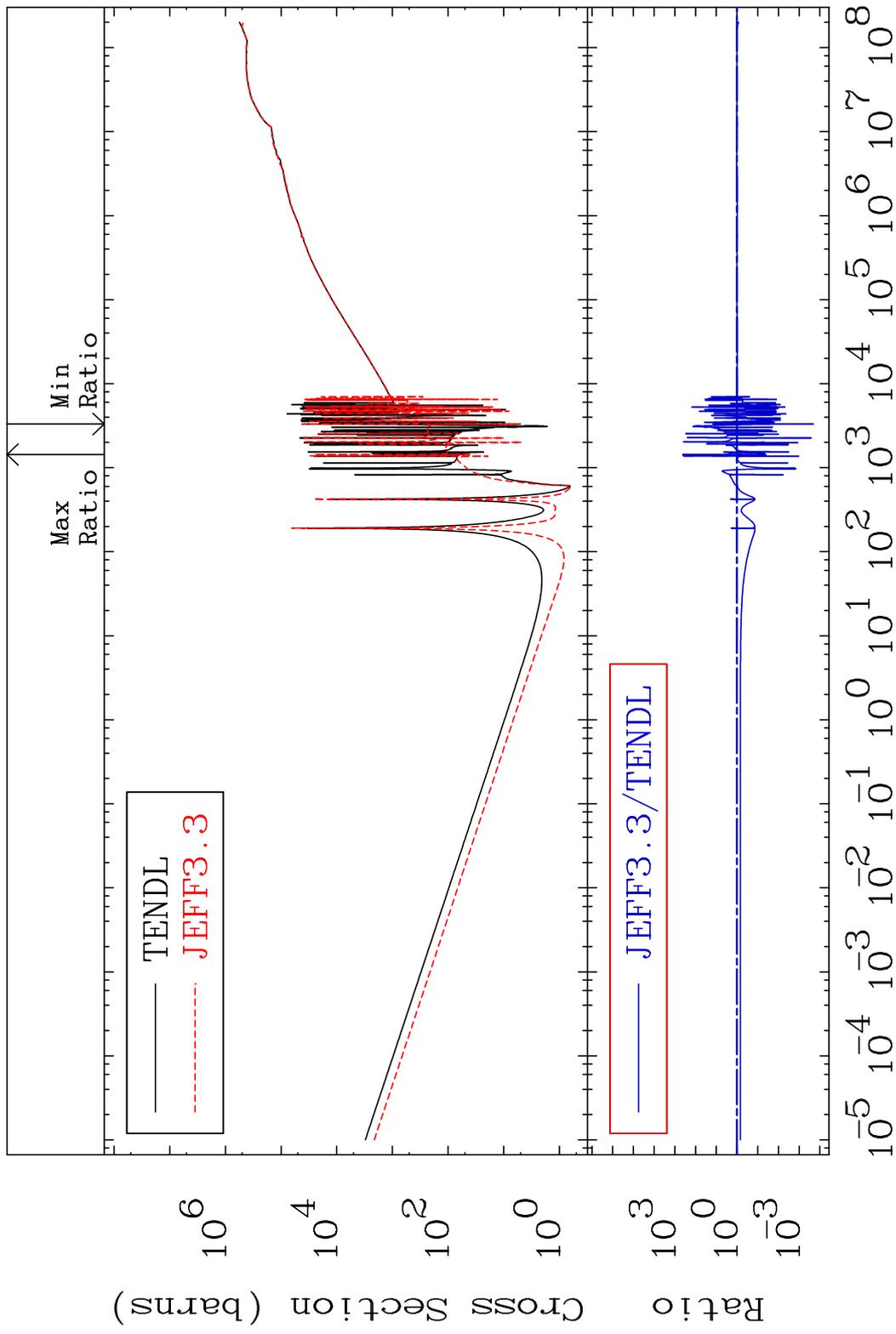


62 Incident Energy (eV) 46-Pd-102

MAT 4625 Total kinematic kerma (high limit) 46-Pd-102  
 Cross Section -99.96 To 9999. %



MAT 4625      Dpa total (eV-barns)      46-Pd-102  
 Cross Section      -99.98 To 9999. %

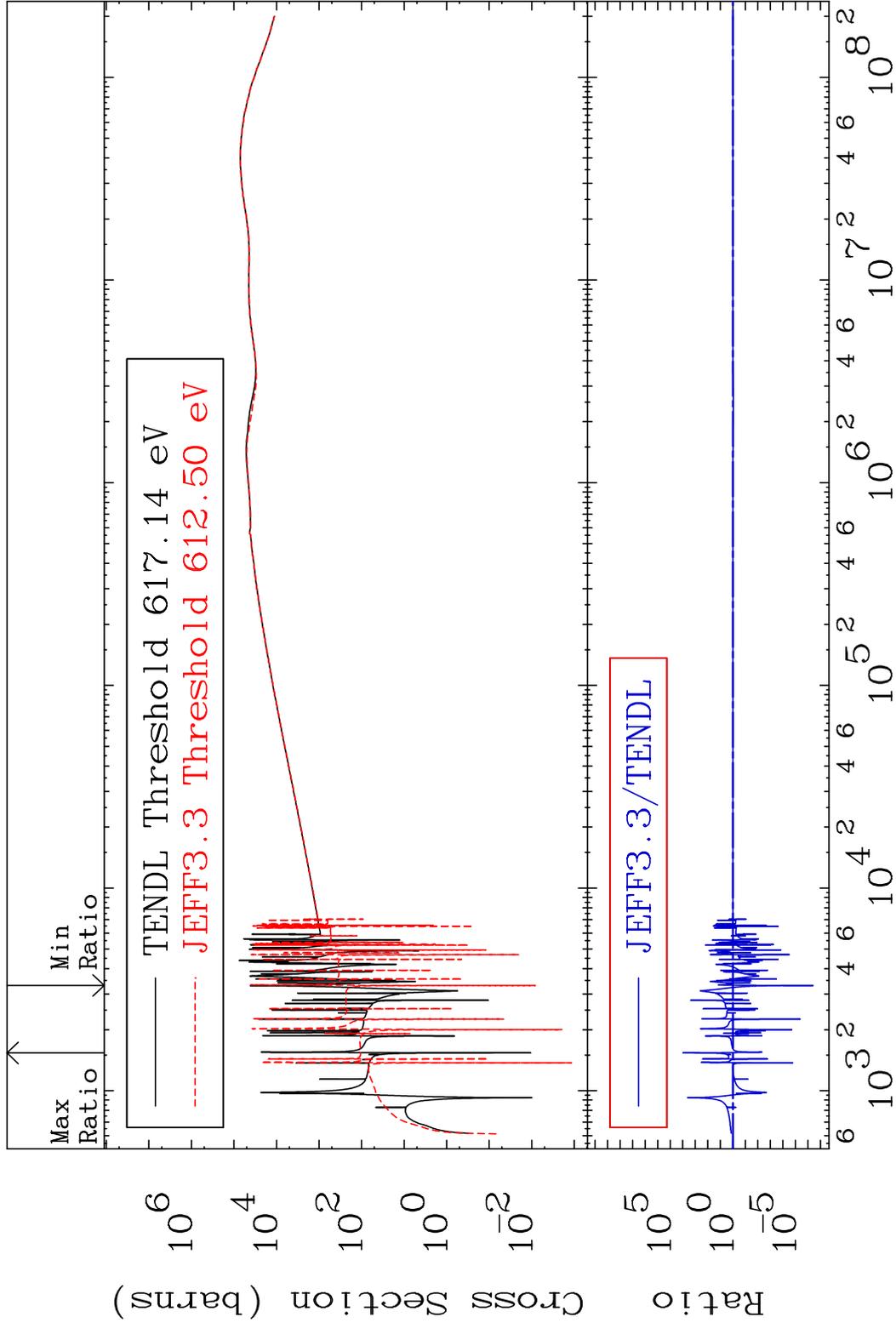


MAT 4625

Dpa elastic (mt2)

46-Pd-102

Cross Section -100.0 To 9999. %

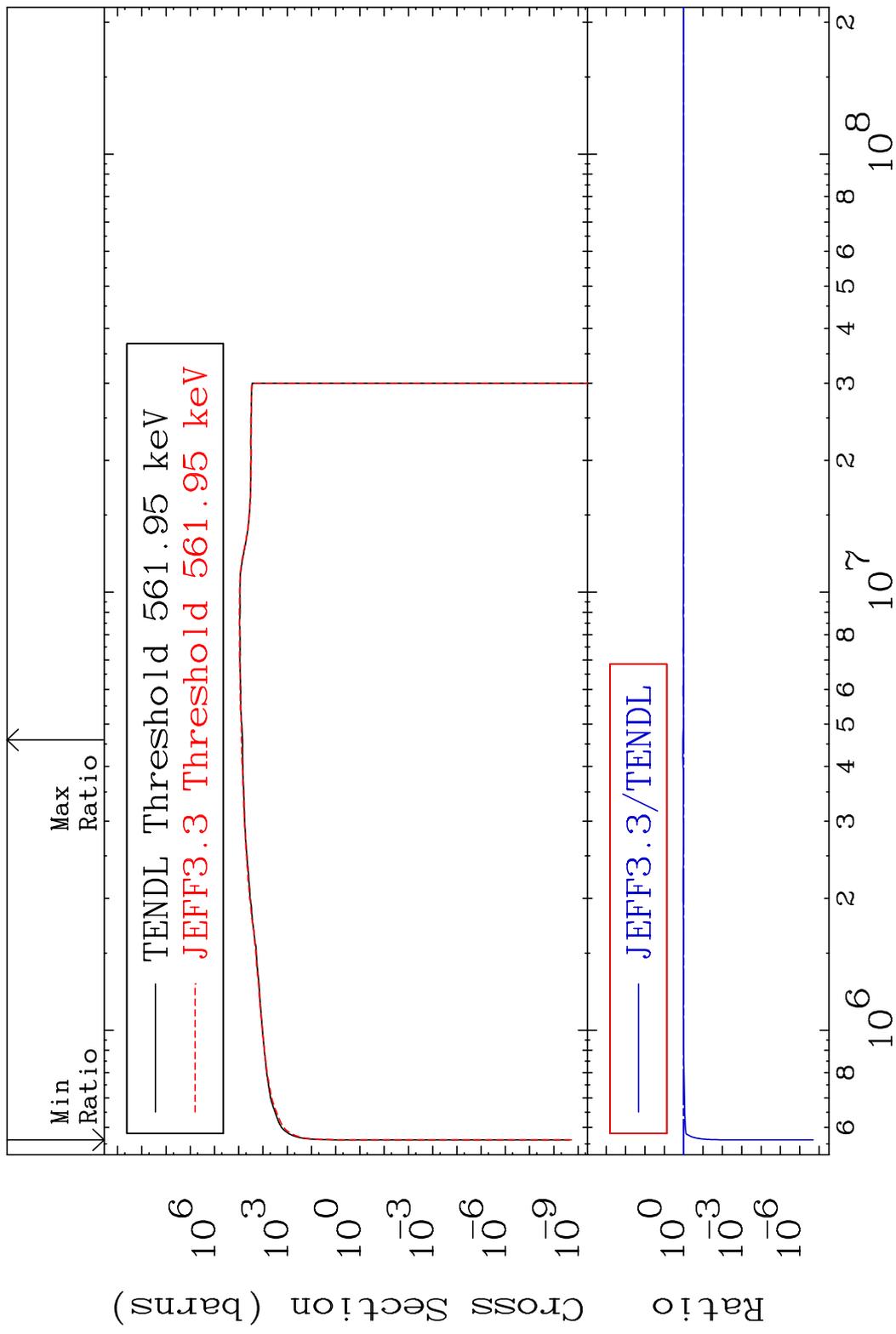


65

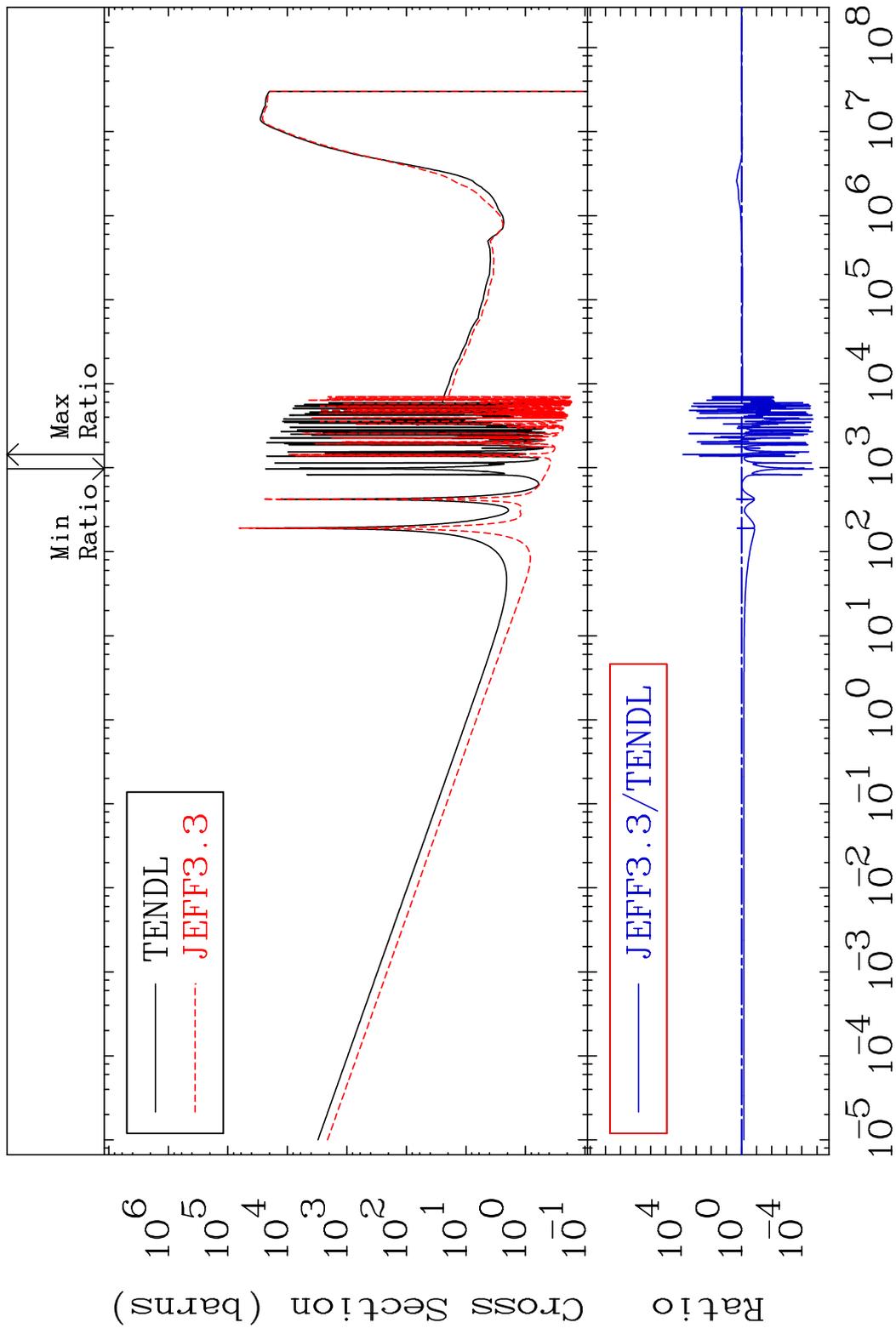
Incident Energy (eV)

46-Pd-102

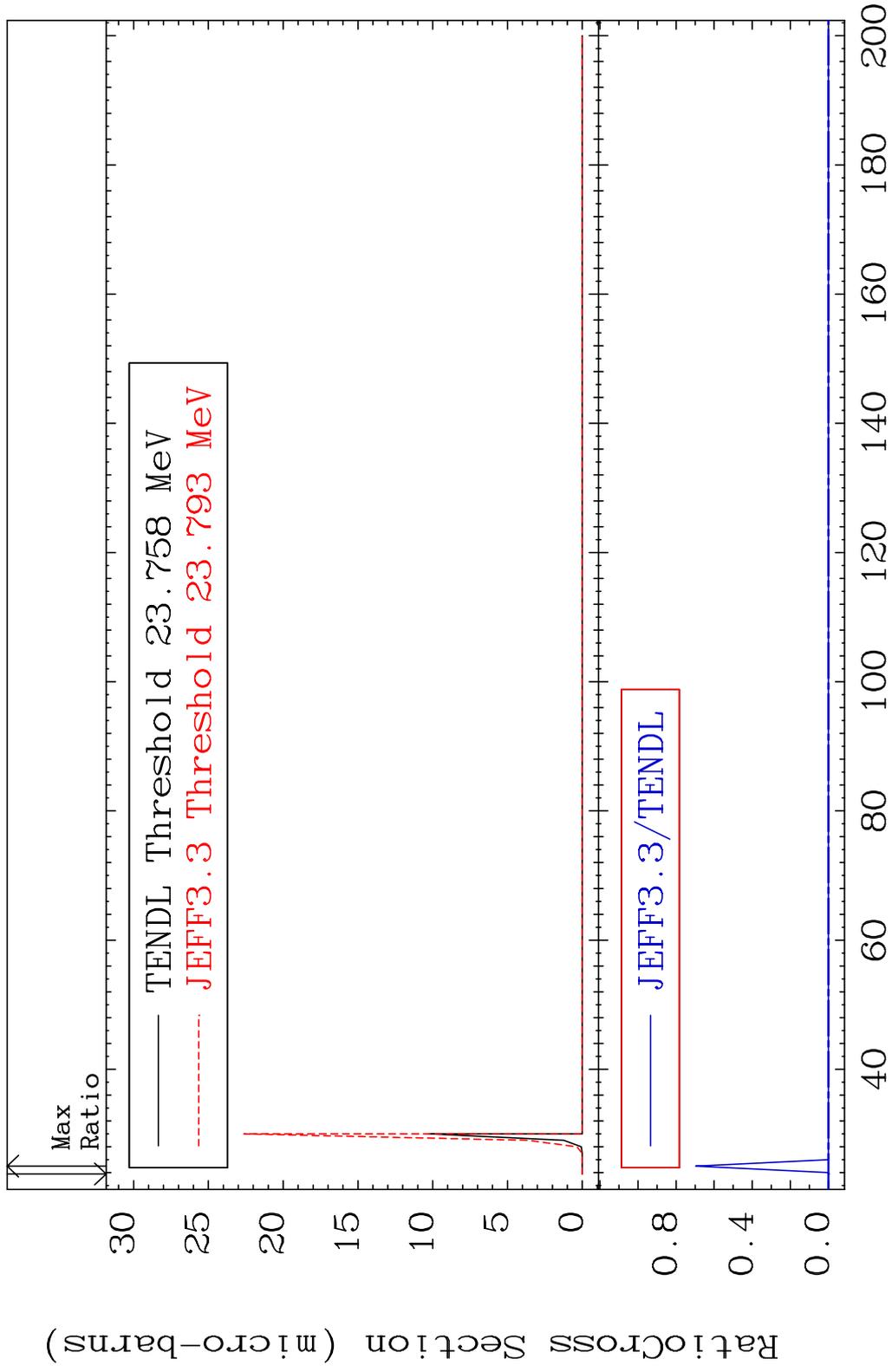
MAT 4625 Dpa inelastic (mt51-91) 46-Pd-102  
 Cross Section -100.0 To 10.15 %



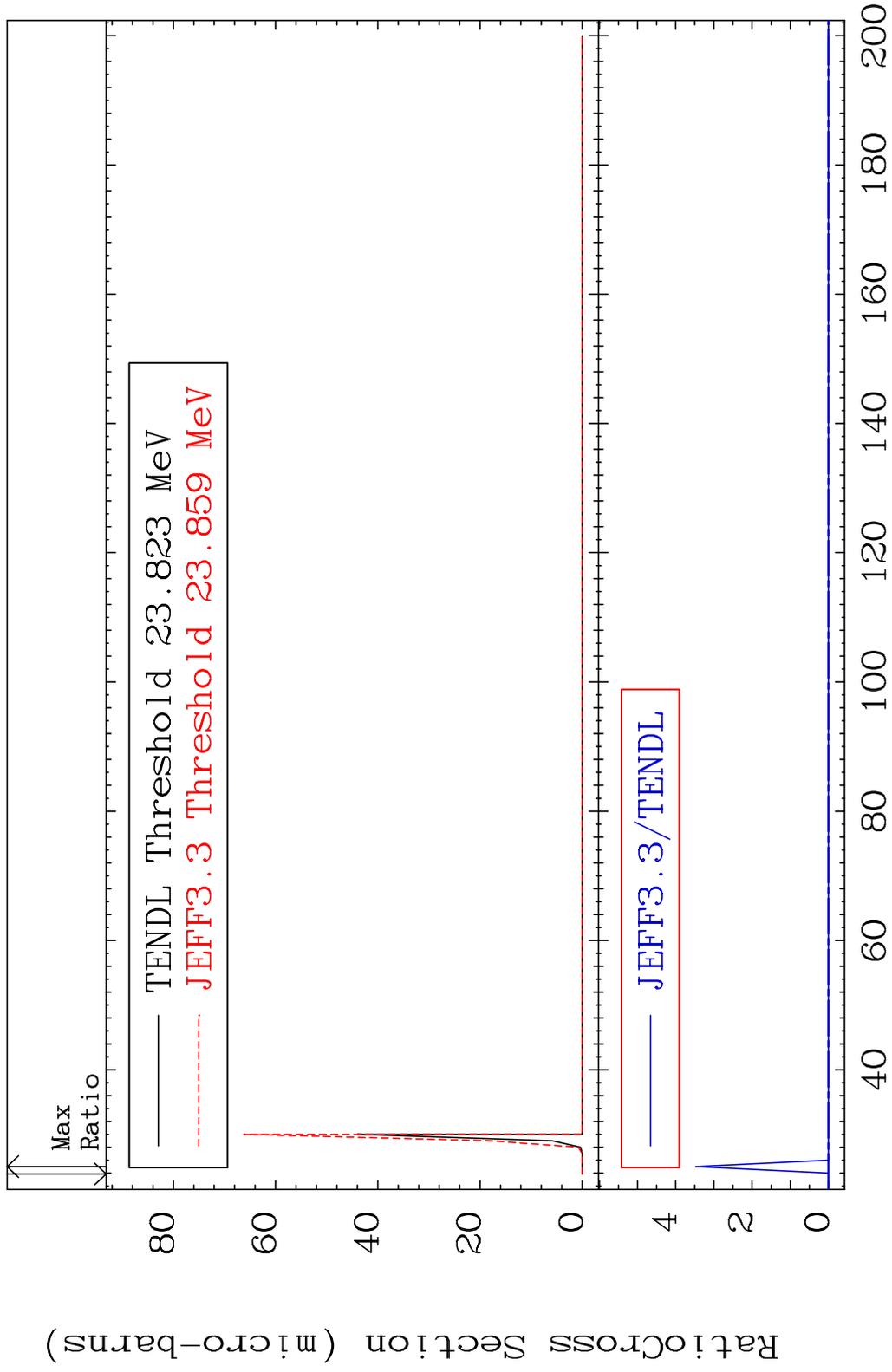
MAT 4625 Dpa disappearance (mt102 -120) 46-Pd-102  
 Cross Section -100.0 To 9999. %



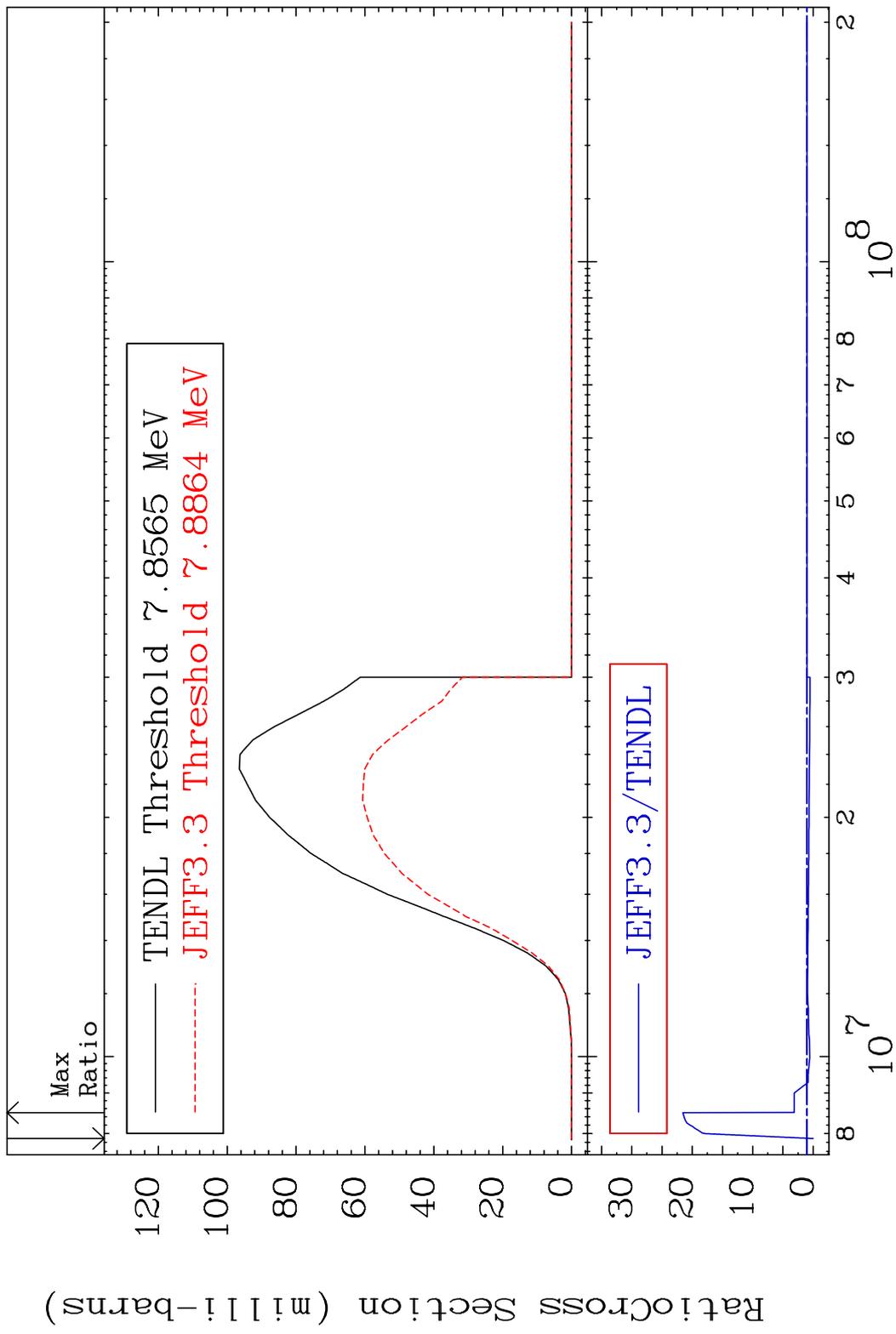
67 Incident Energy (eV) 46-Pd-102



MAT 4625 (n,2n) d:45-Rh-99m1 46-Pd-102  
 Radionuclide Production Cross Section Ratio 9999. %

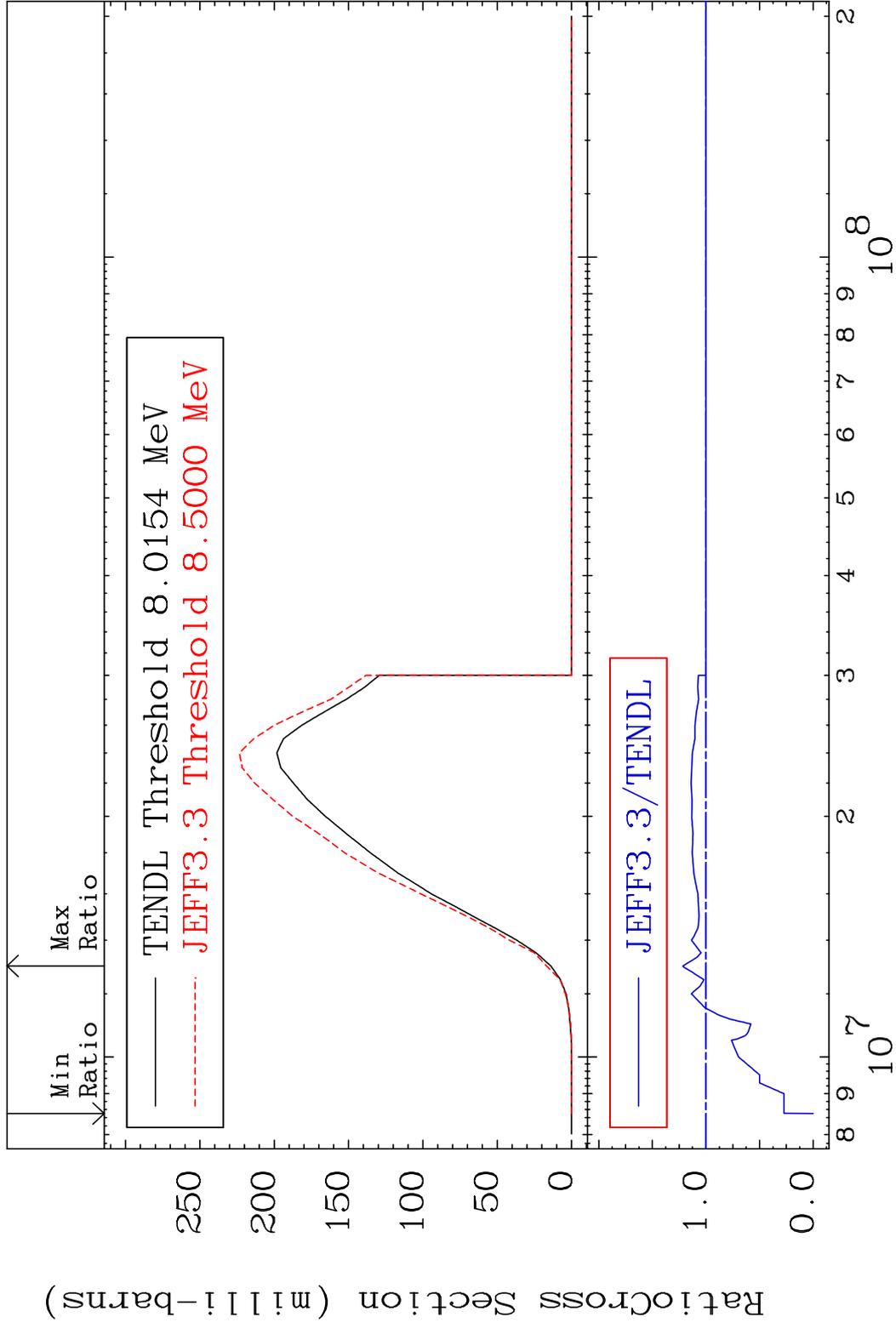


MAT 4625 (n, n') p:45-Rh-101g 46-Pd-102  
 Radionuclide Production Cross Section 18000 dth 2056. %

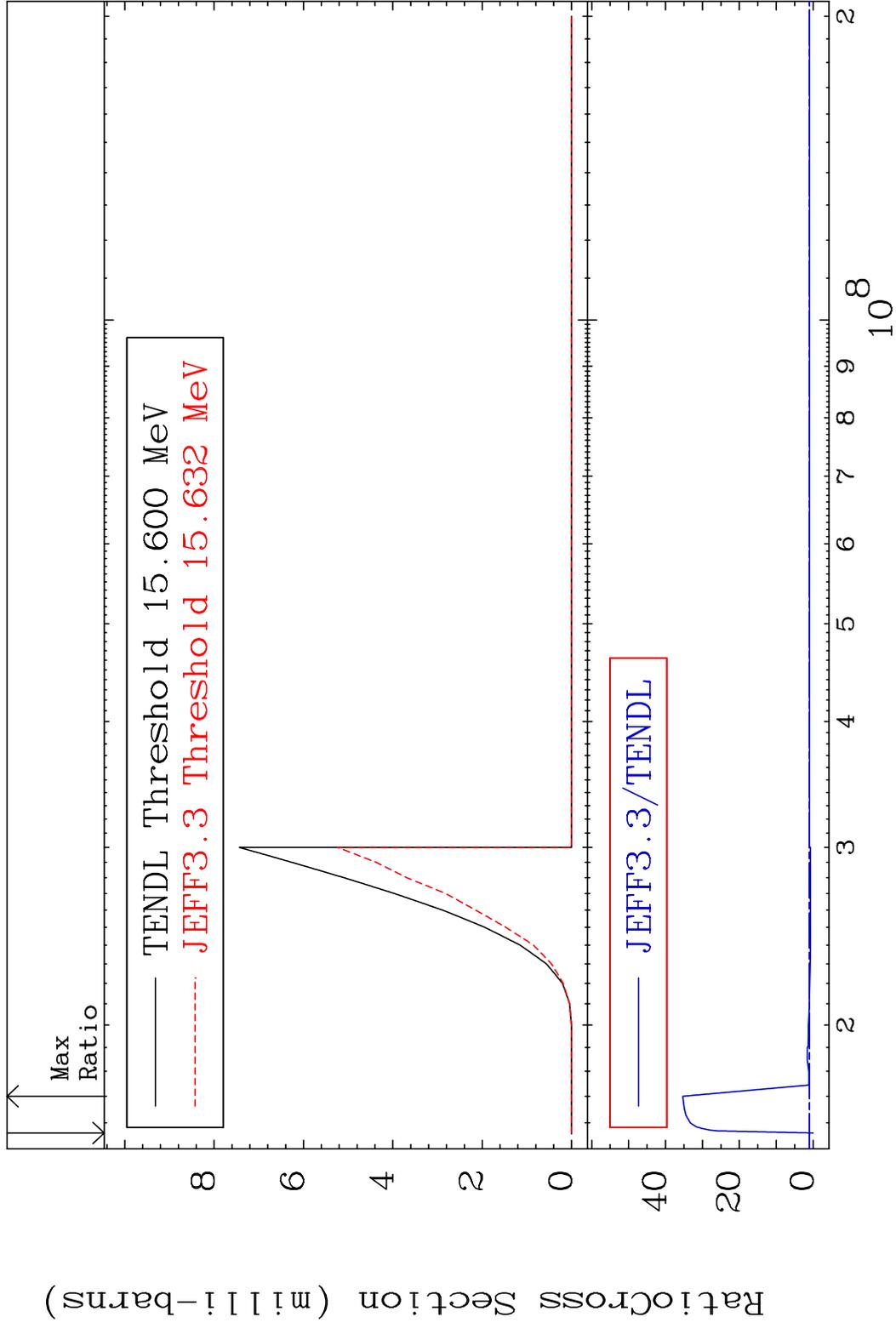


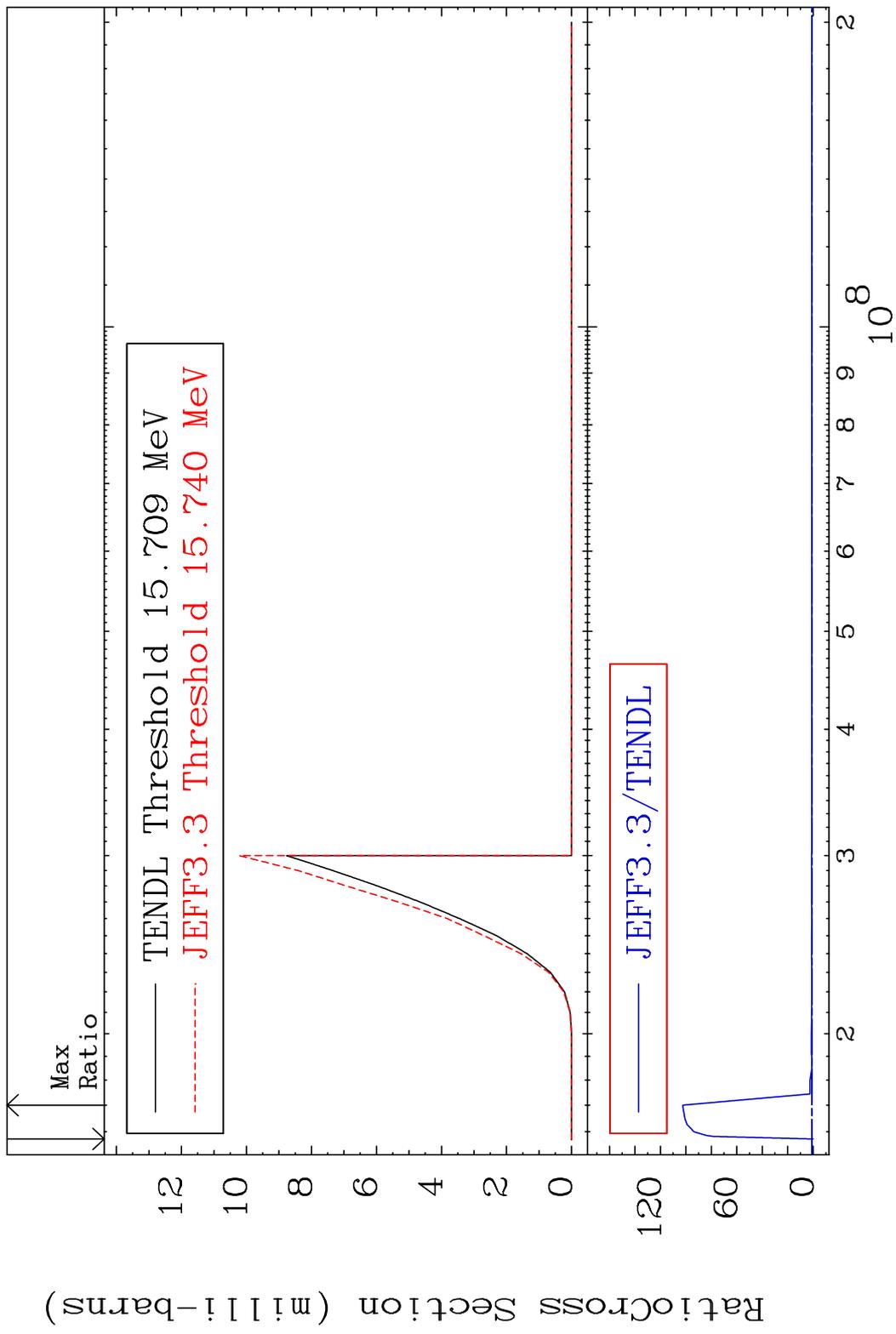
70 Incident Energy (eV) 46-Pd-102

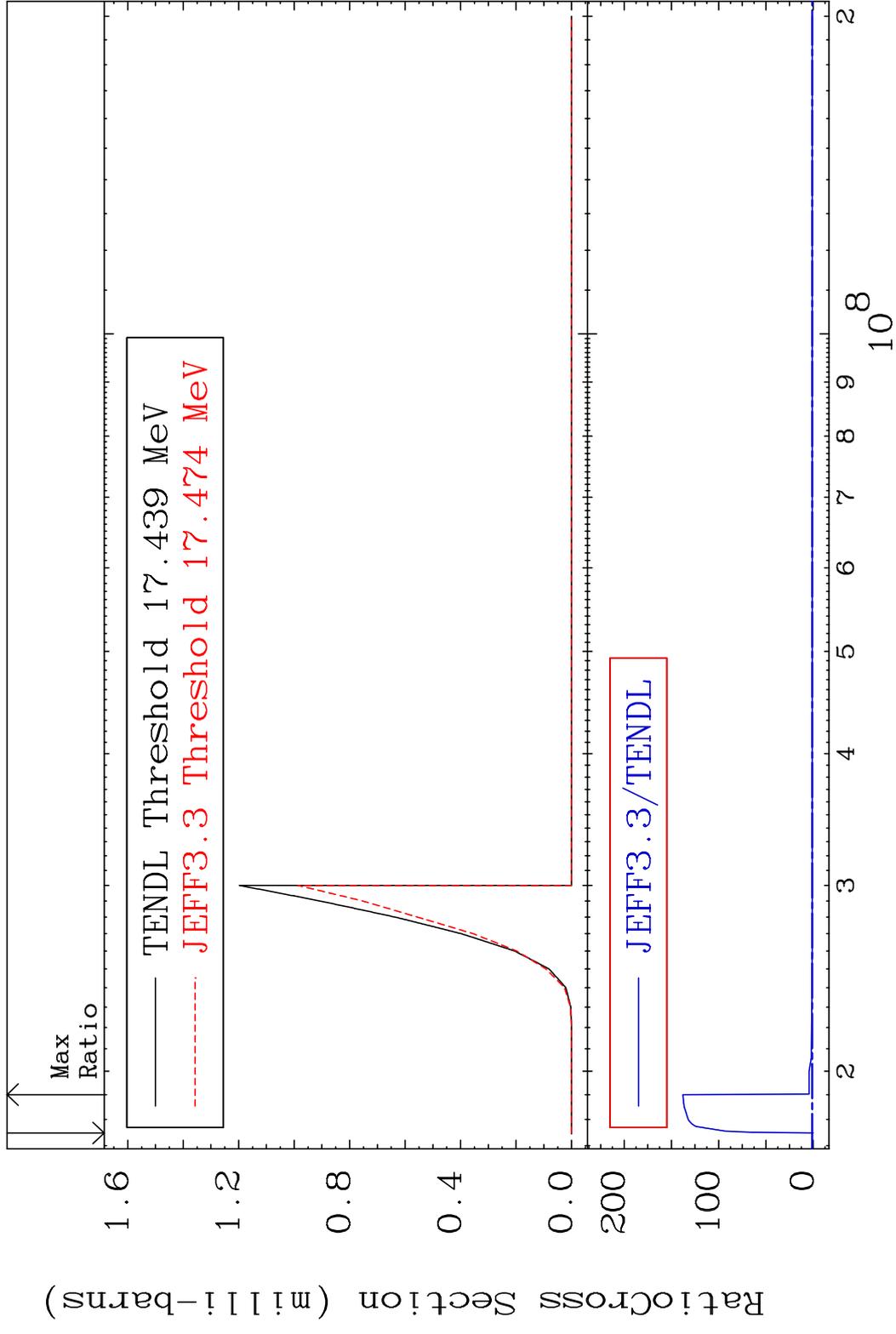
MAT 4625 (n, n') p:45-Rh-101m1 46-Pd-102  
 Radionuclide Production Cross Section 18.00 mb 21.58 %



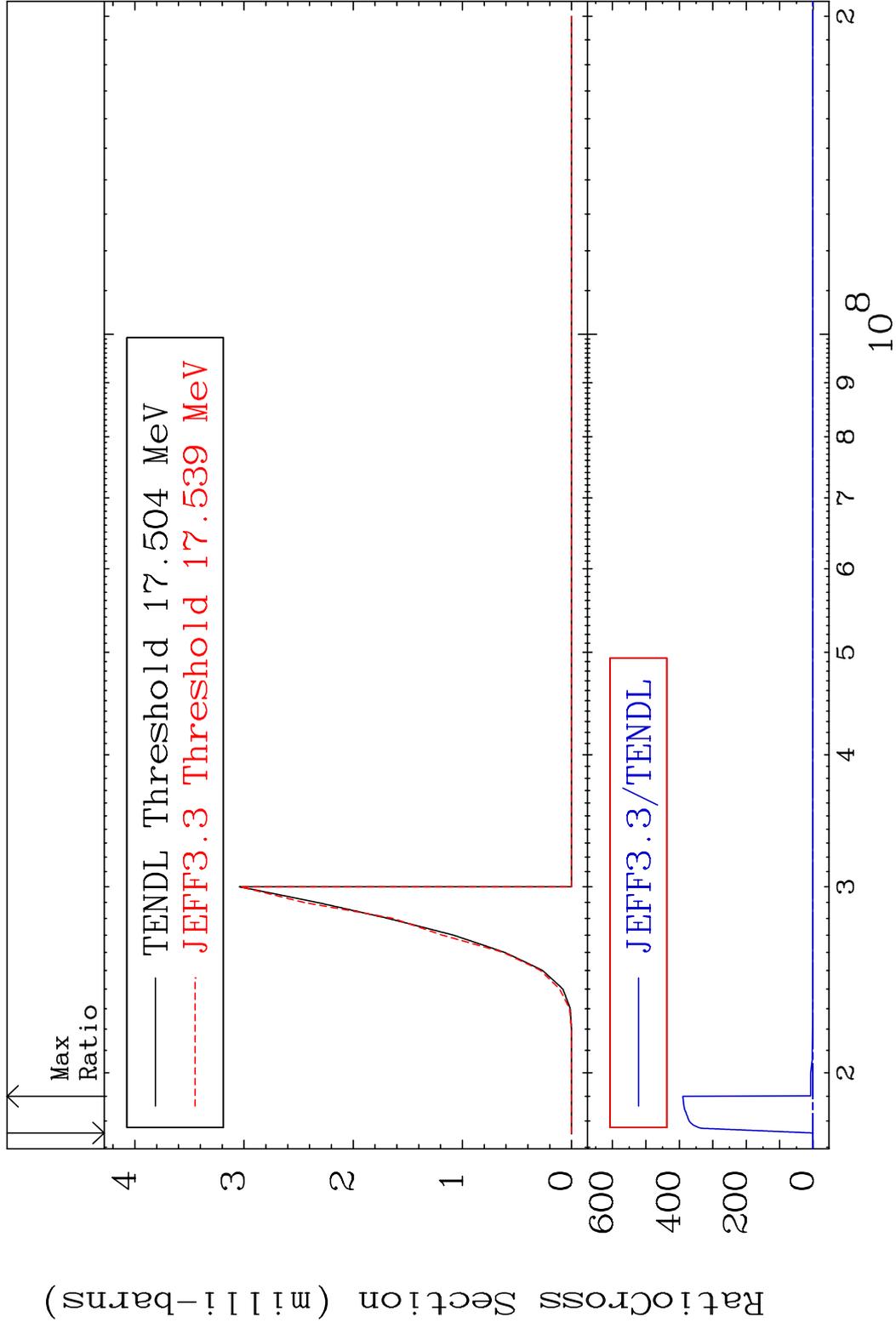
MAT 4625 (n, n') d:45-Rh-100g 46-Pd-102  
 Radionuclide Production Cross Section 1800.0 dno 3431. %

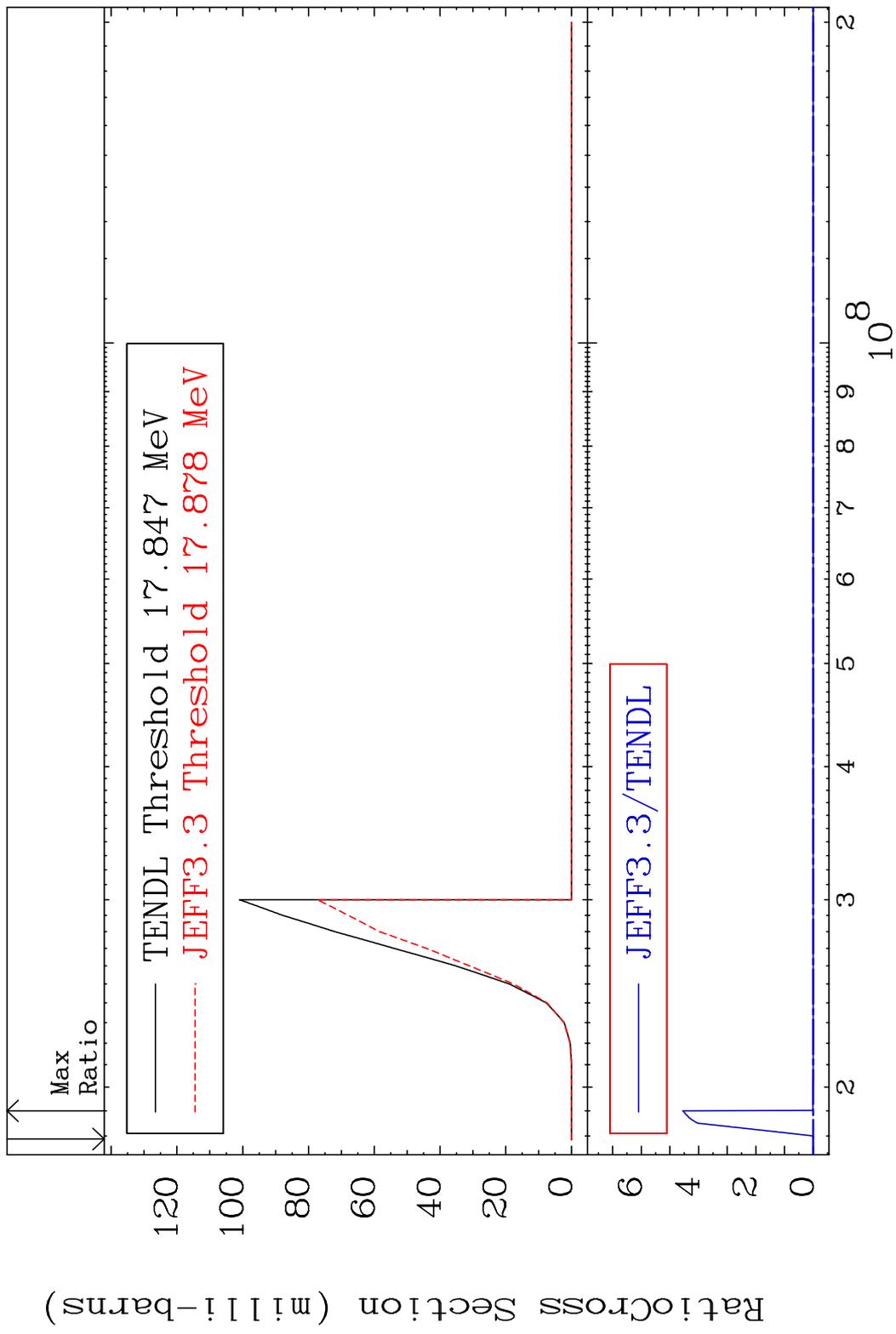


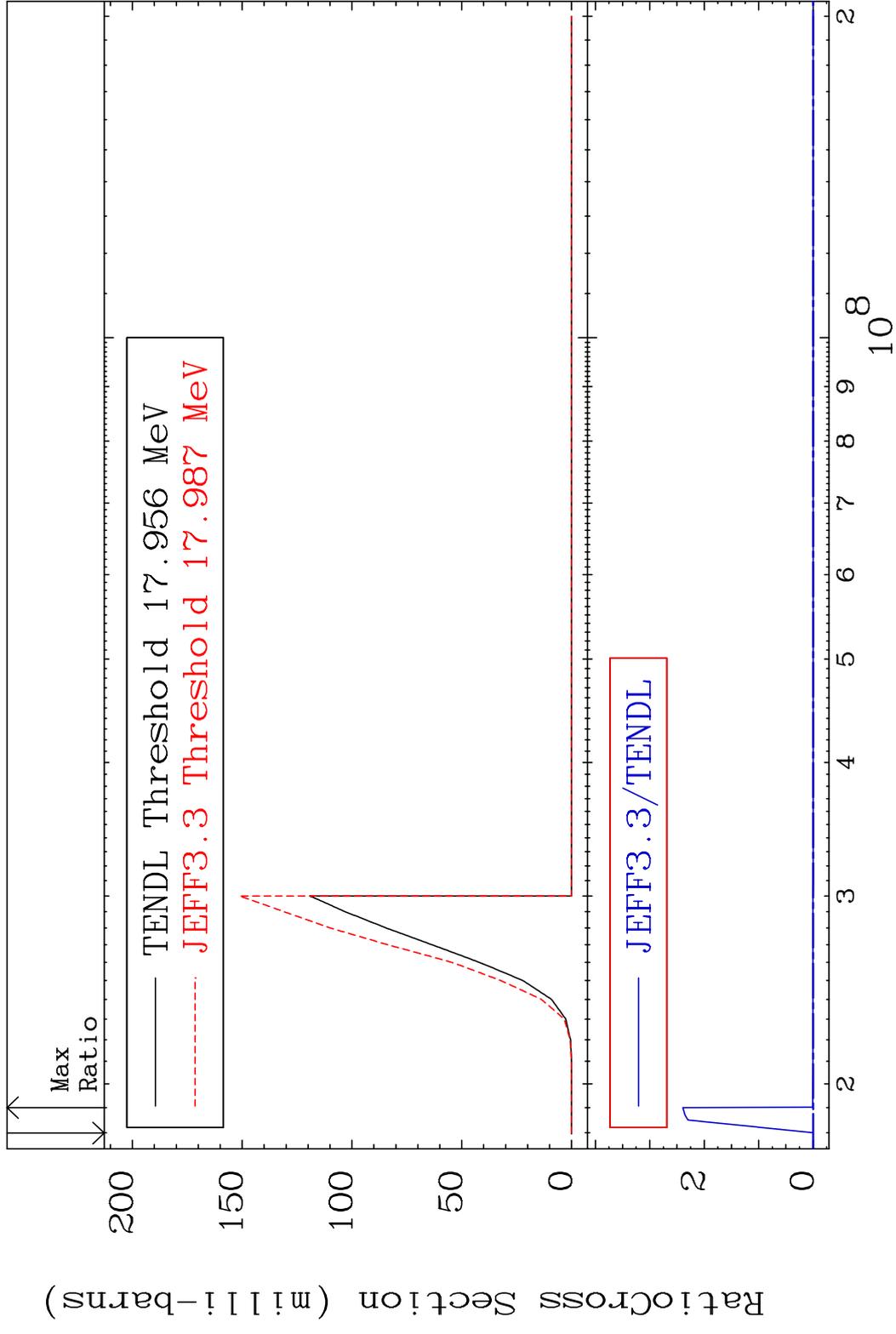


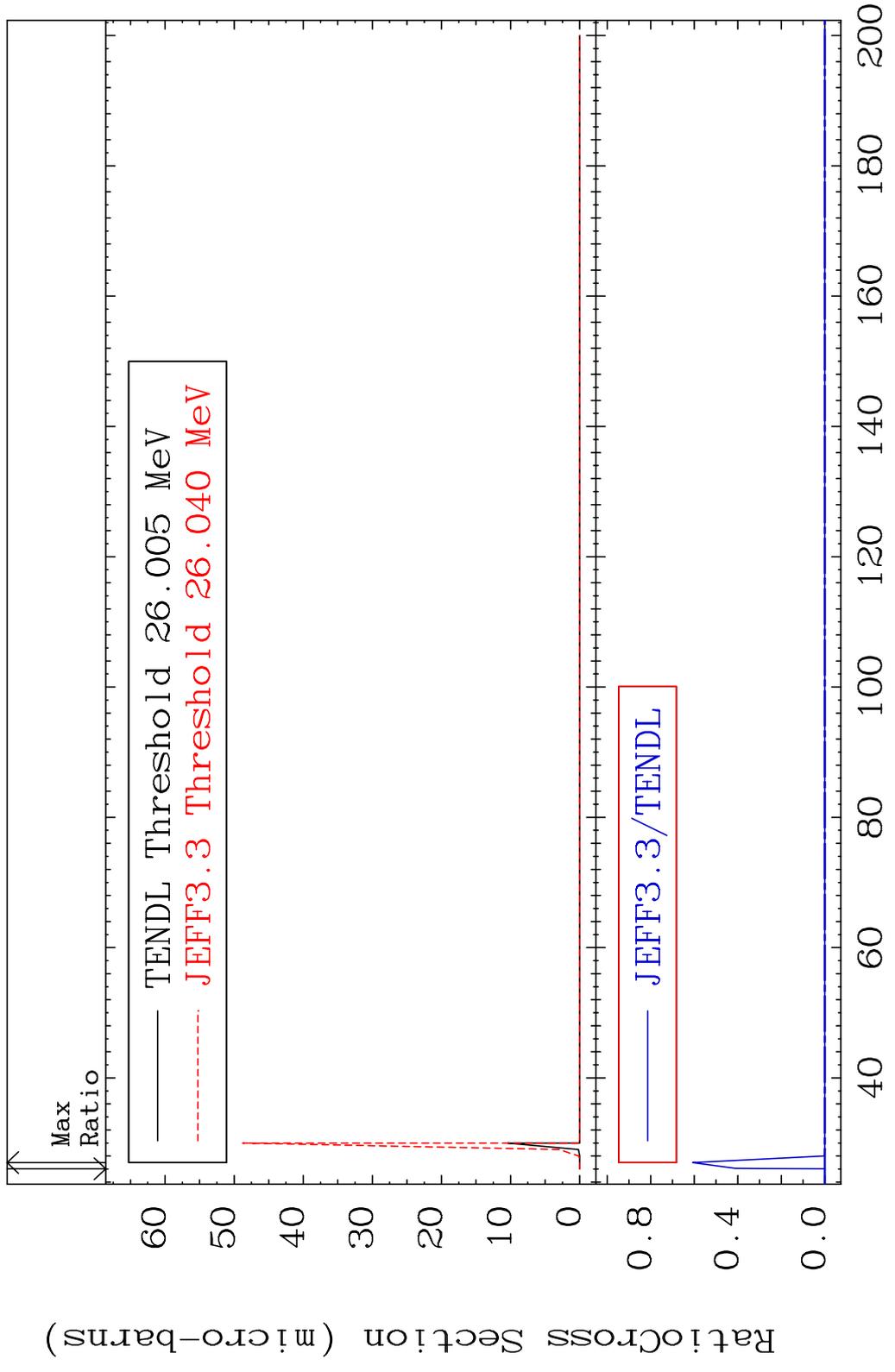


MAT 4625 (n, n') t:45-Rh-99m1 46-Pd-102  
 Radionuclide Production Cross Section 100.00 %

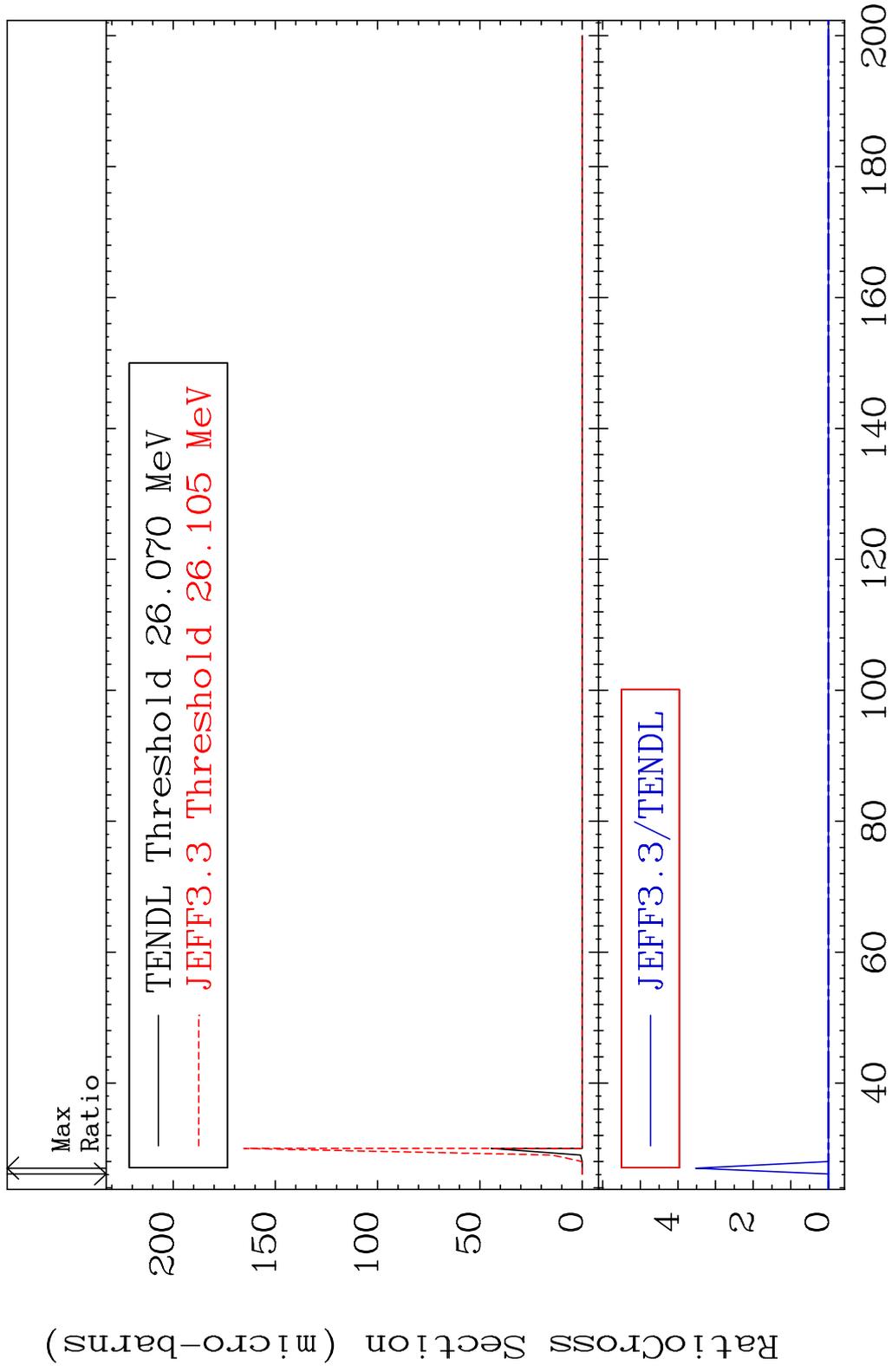


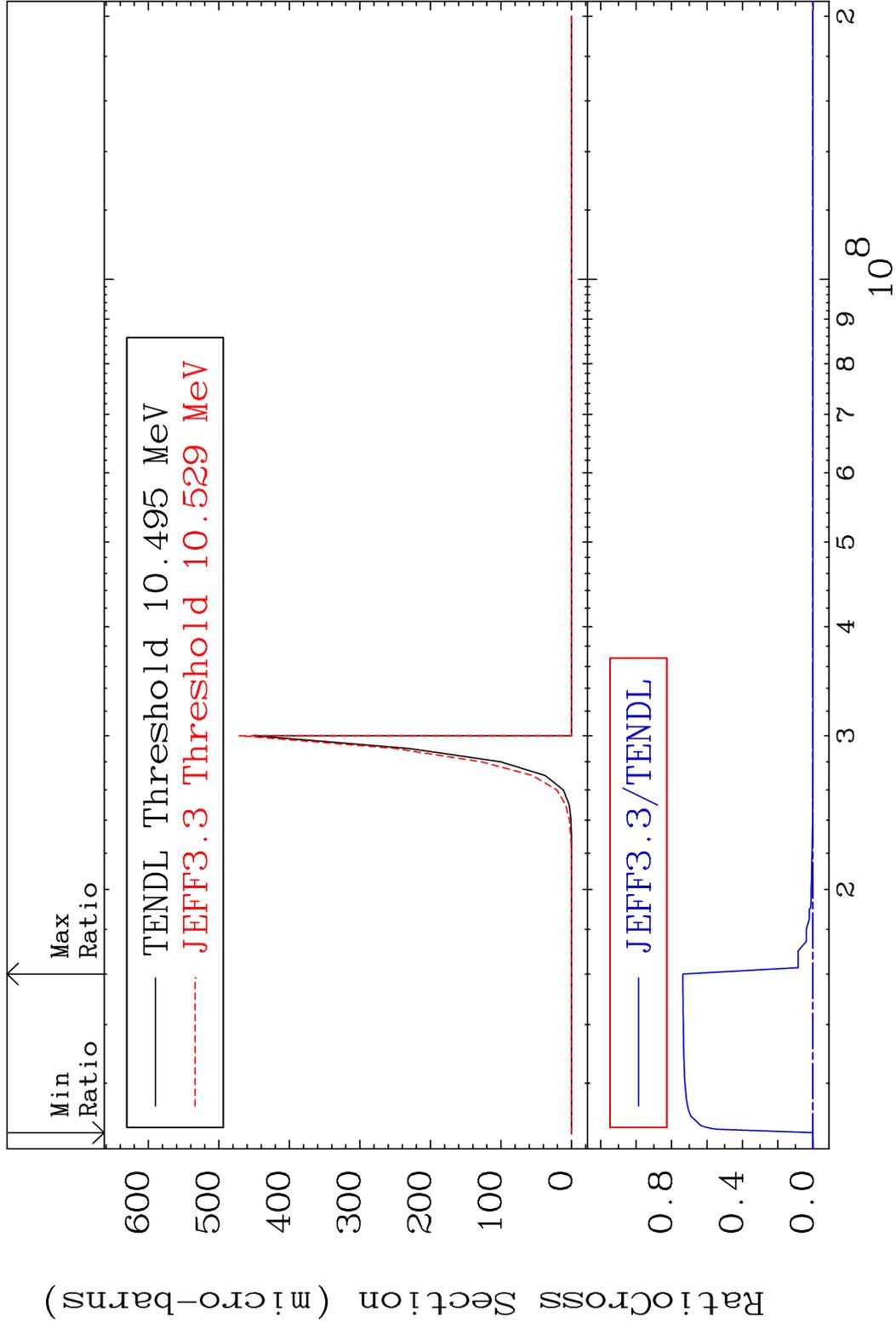


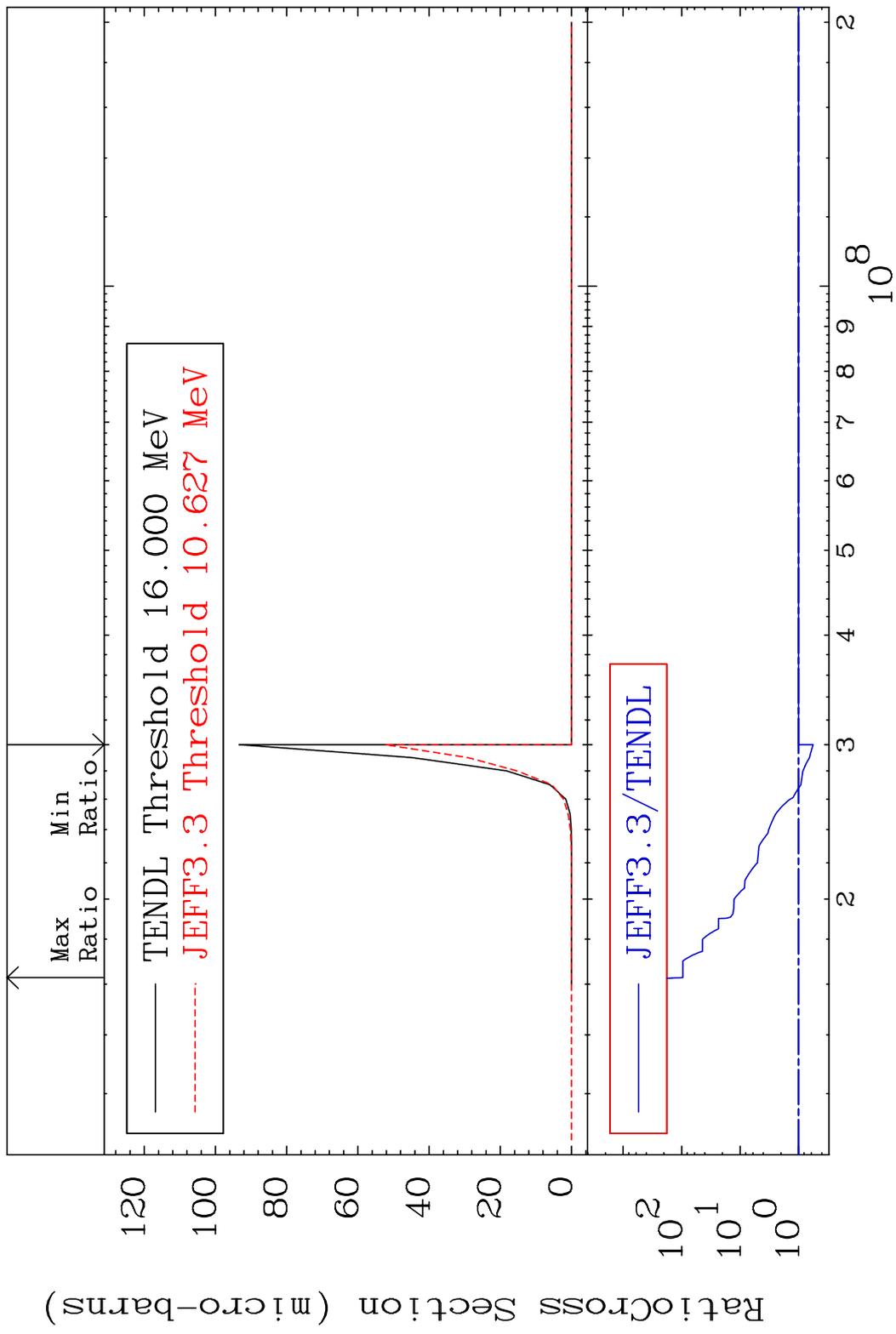




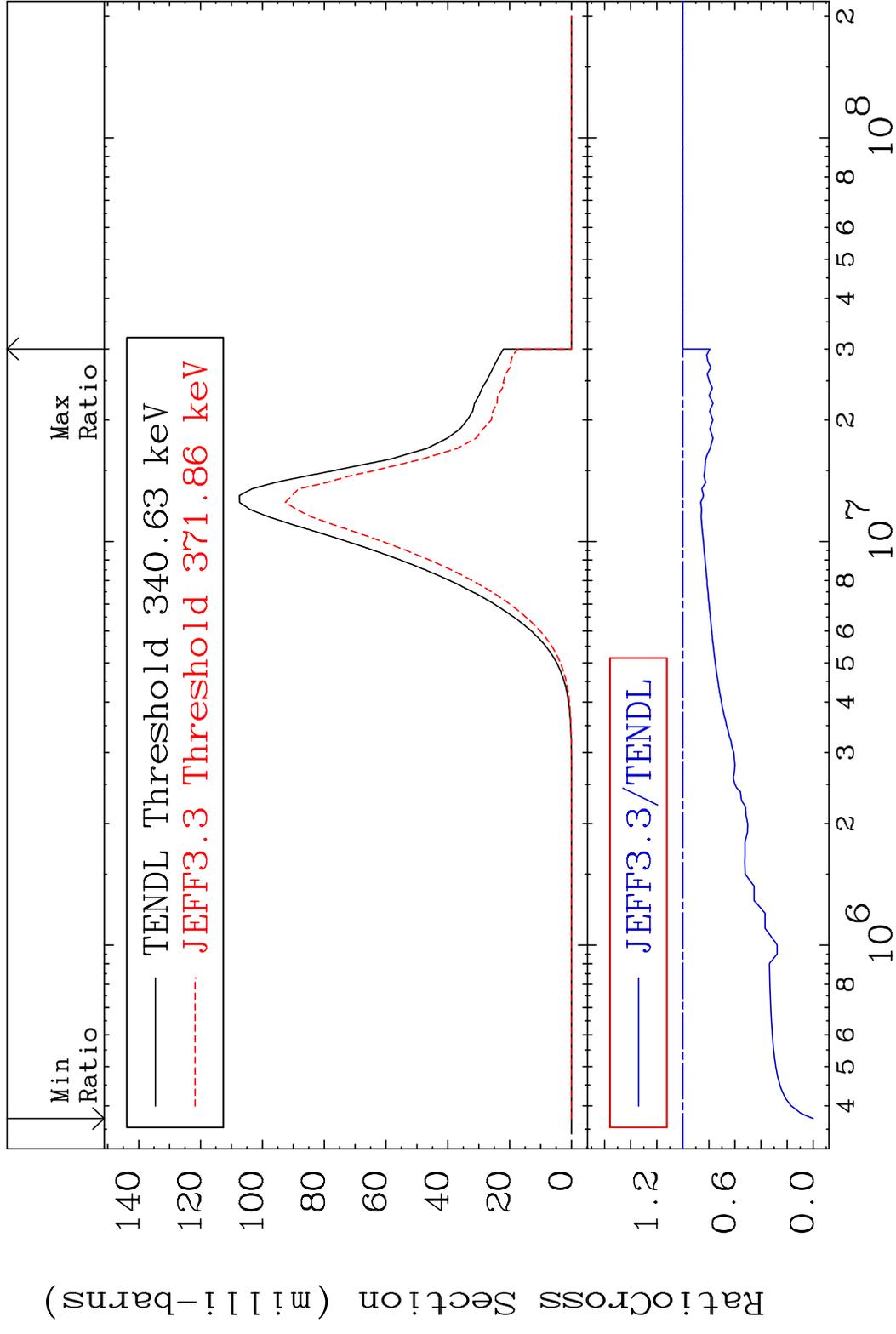
MAT 4625 (n,3n) p:45-Rh-99m1 46-Pd-102  
 Radionuclide Production Cross Section Ratio 9999. %



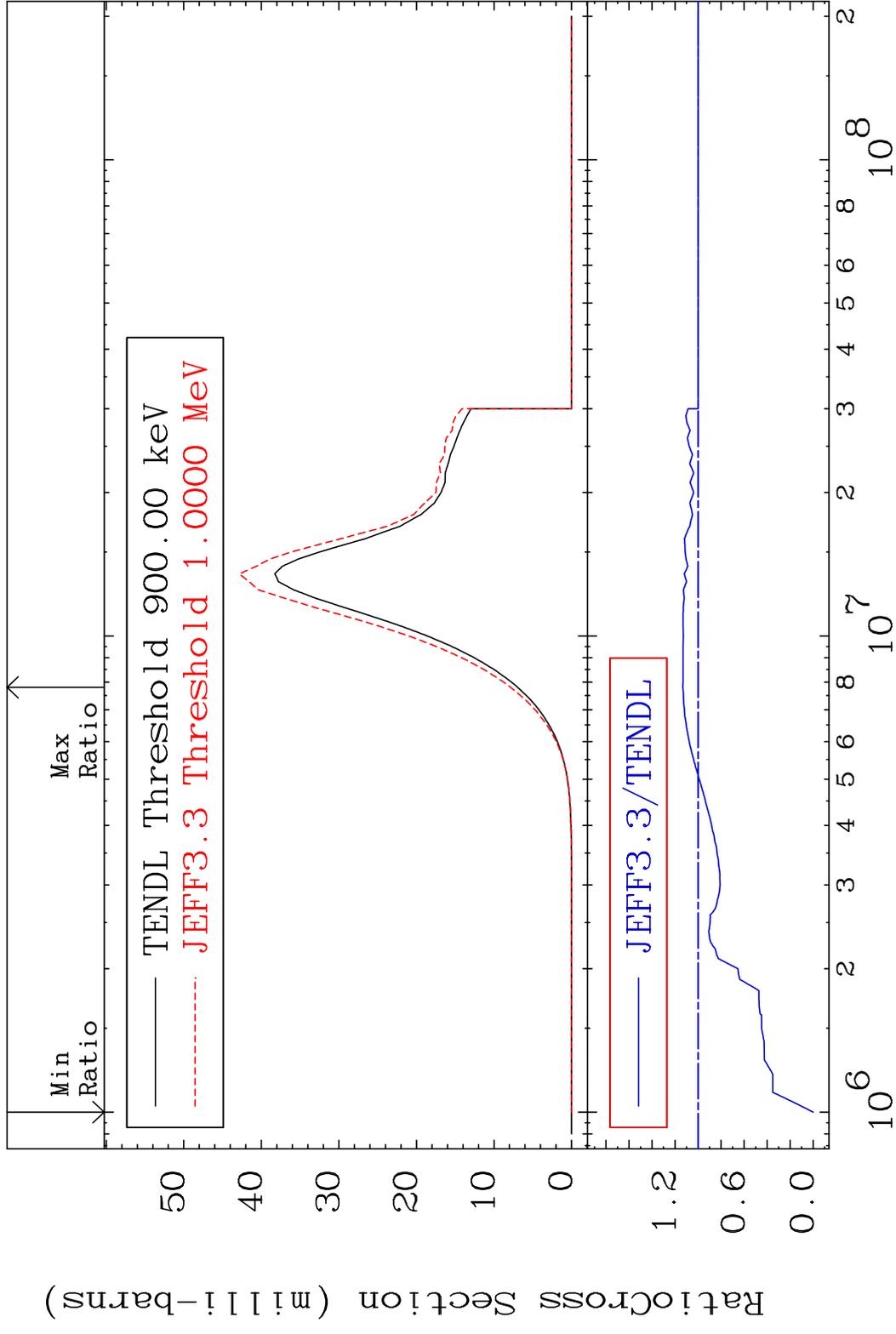


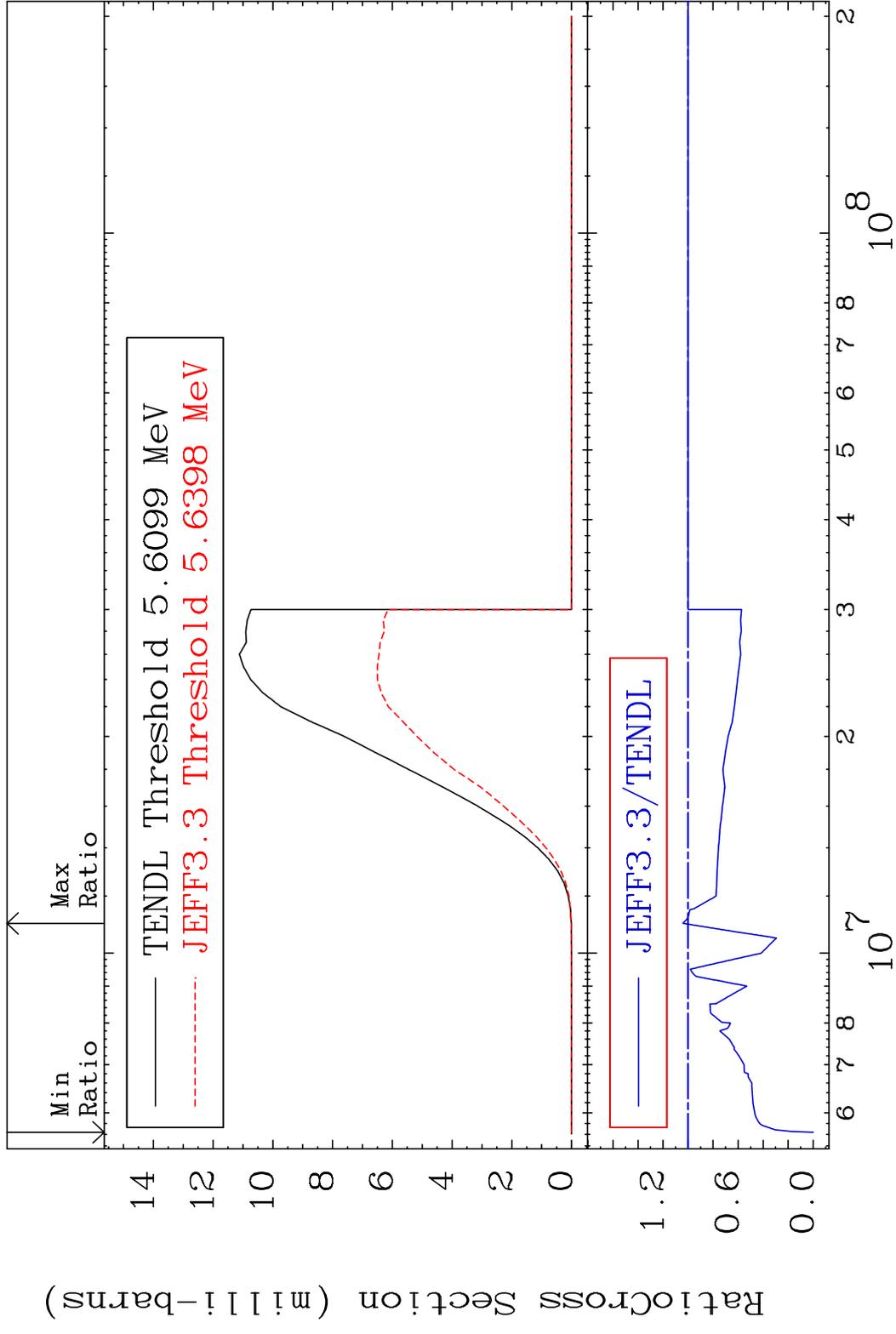


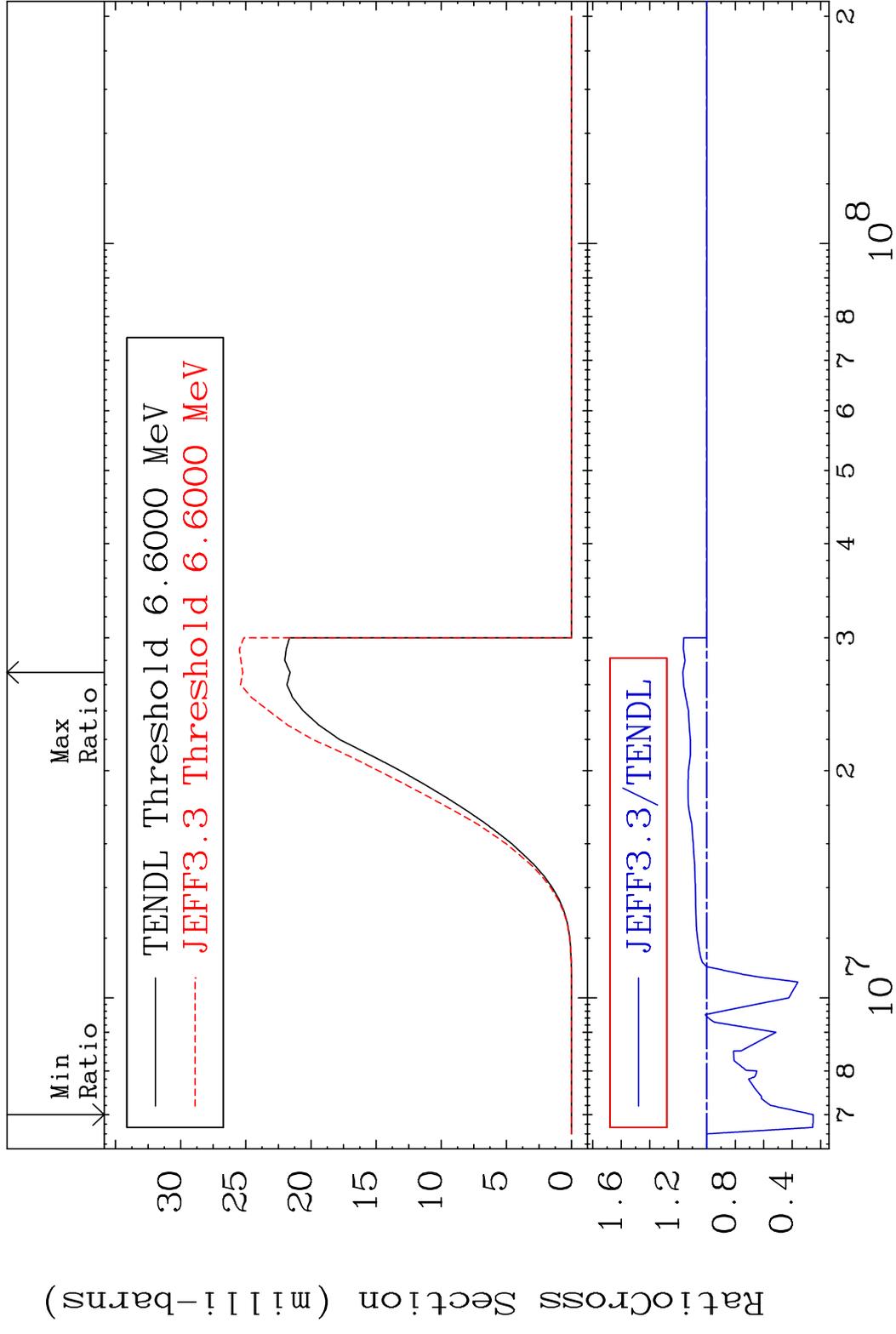
MAT 4625 (n,p):45-Rh-102g 46-Pd-102  
 Radionuclide Production Cross Section 100.000 %  
 0.000 %



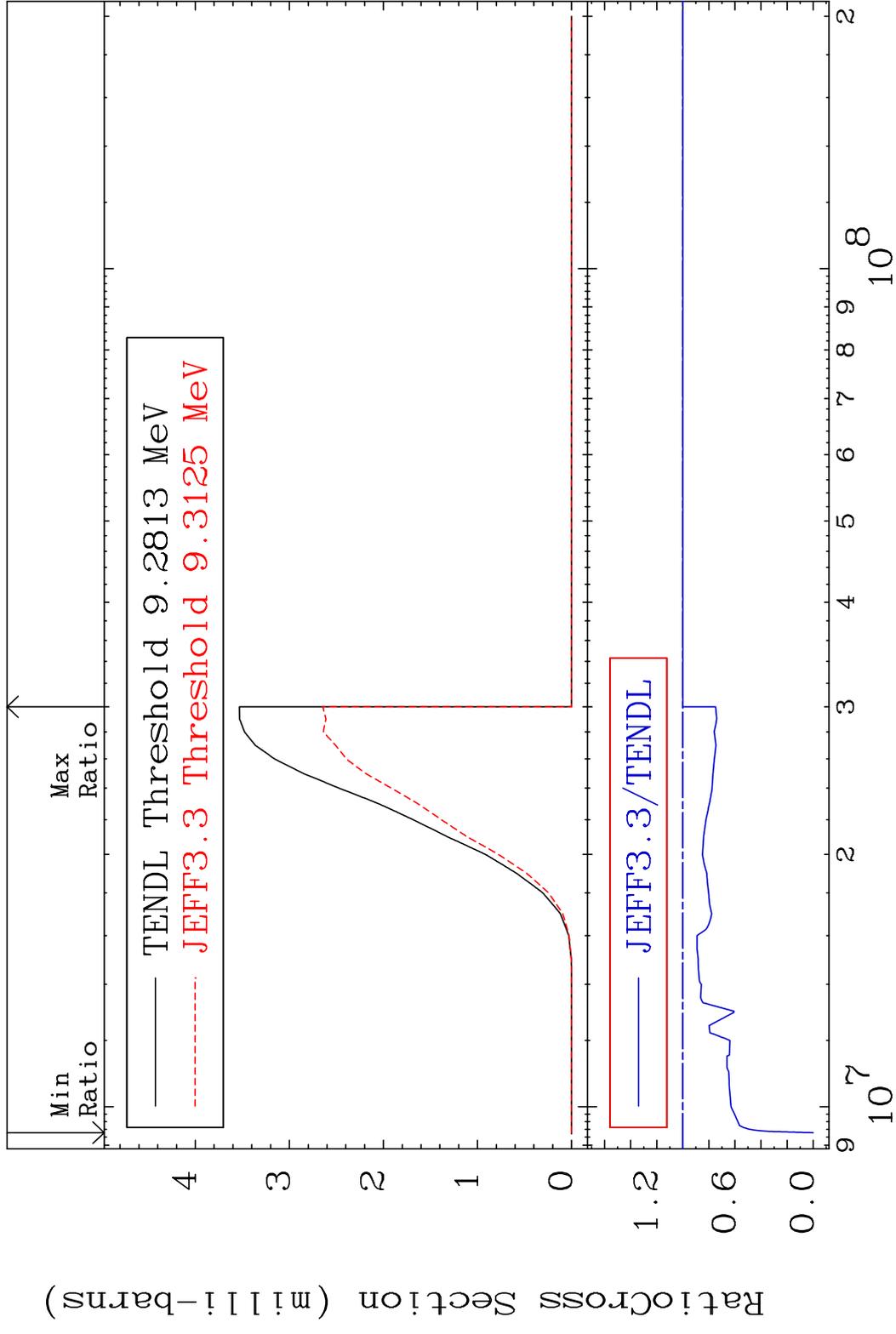
MAT 4625 (n, p): 45-Rh-102m5 46-Pd-102  
 Radionuclide Production Cross Section 13.25 %







MAT 4625 (n, t): 45-Rh-100g 46-Pd-102  
 Radionuclide Production Cross Section 100.000 %



MAT 4625 (n, t): 45-Rh-100m4 46-Pd-102  
 Radionuclide Production Cross Section Ratio 24.44 %

