

Program Complot  
(Version 2018-1)

by

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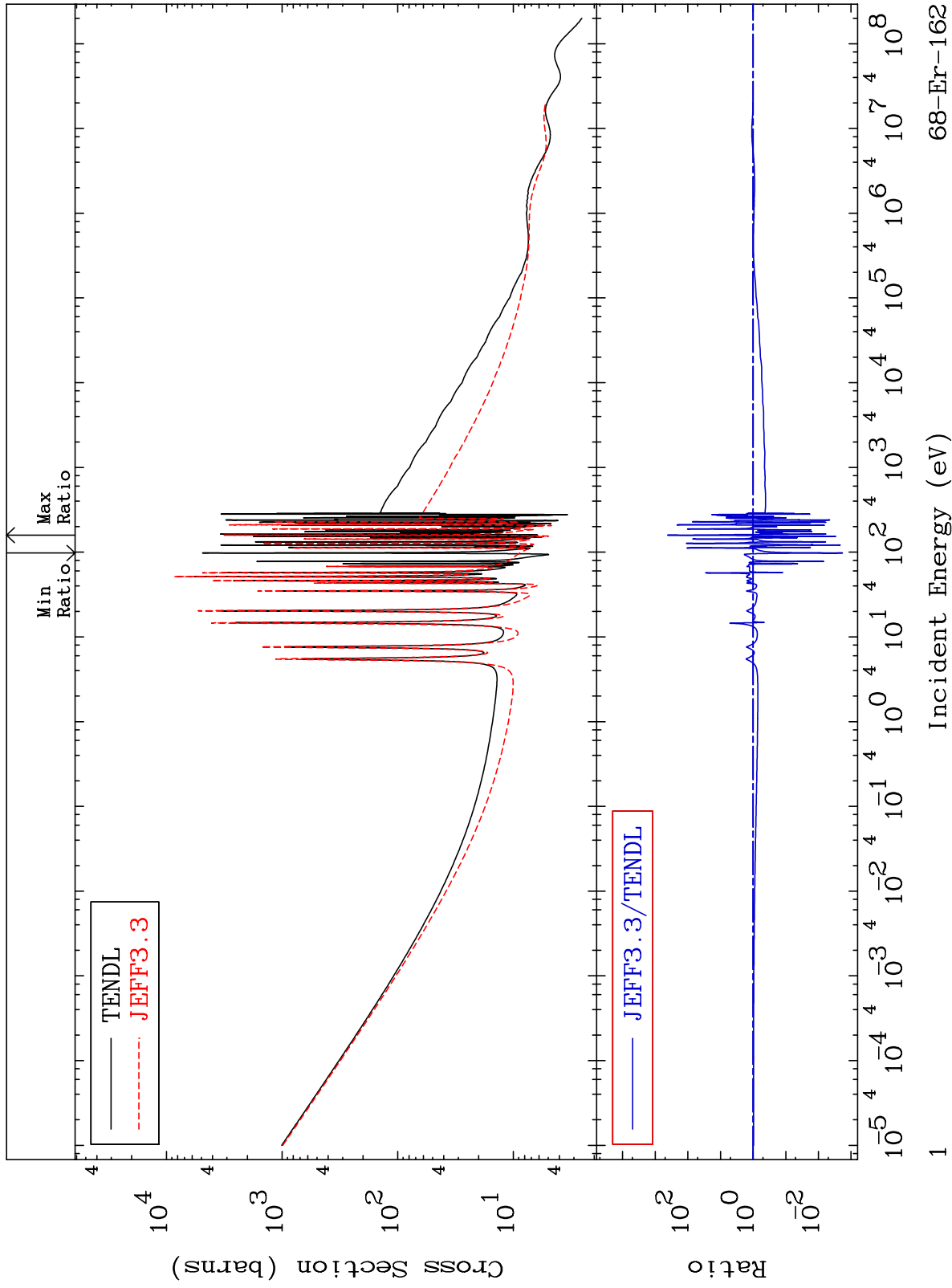
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6825

Total  
Cross Section

68-Er-162  
-99.82 To 9999. %

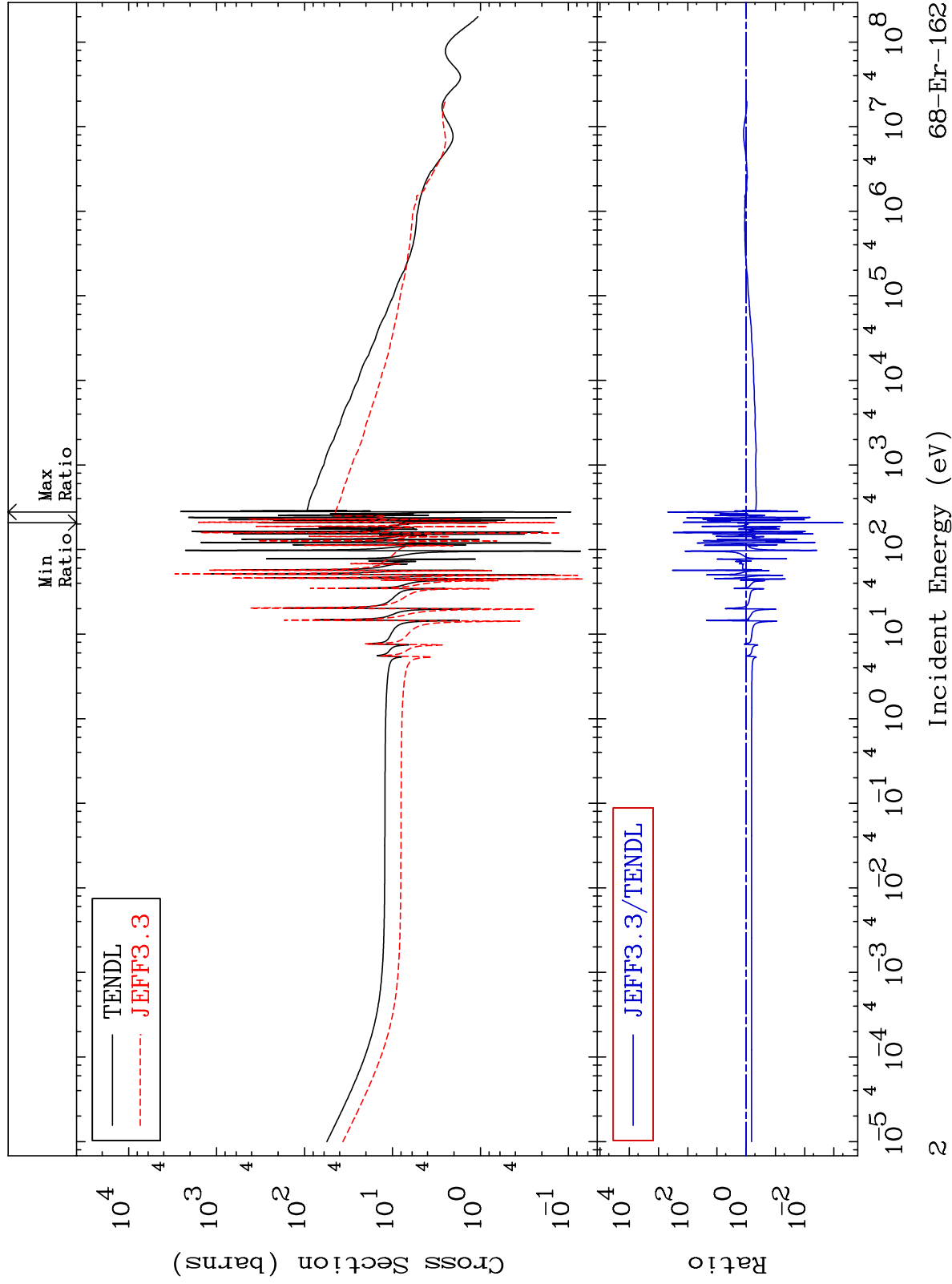


68-Er-162

MAT 6825

Elastic  
Cross Section

68-Er-162  
-99.95 To 9999. %

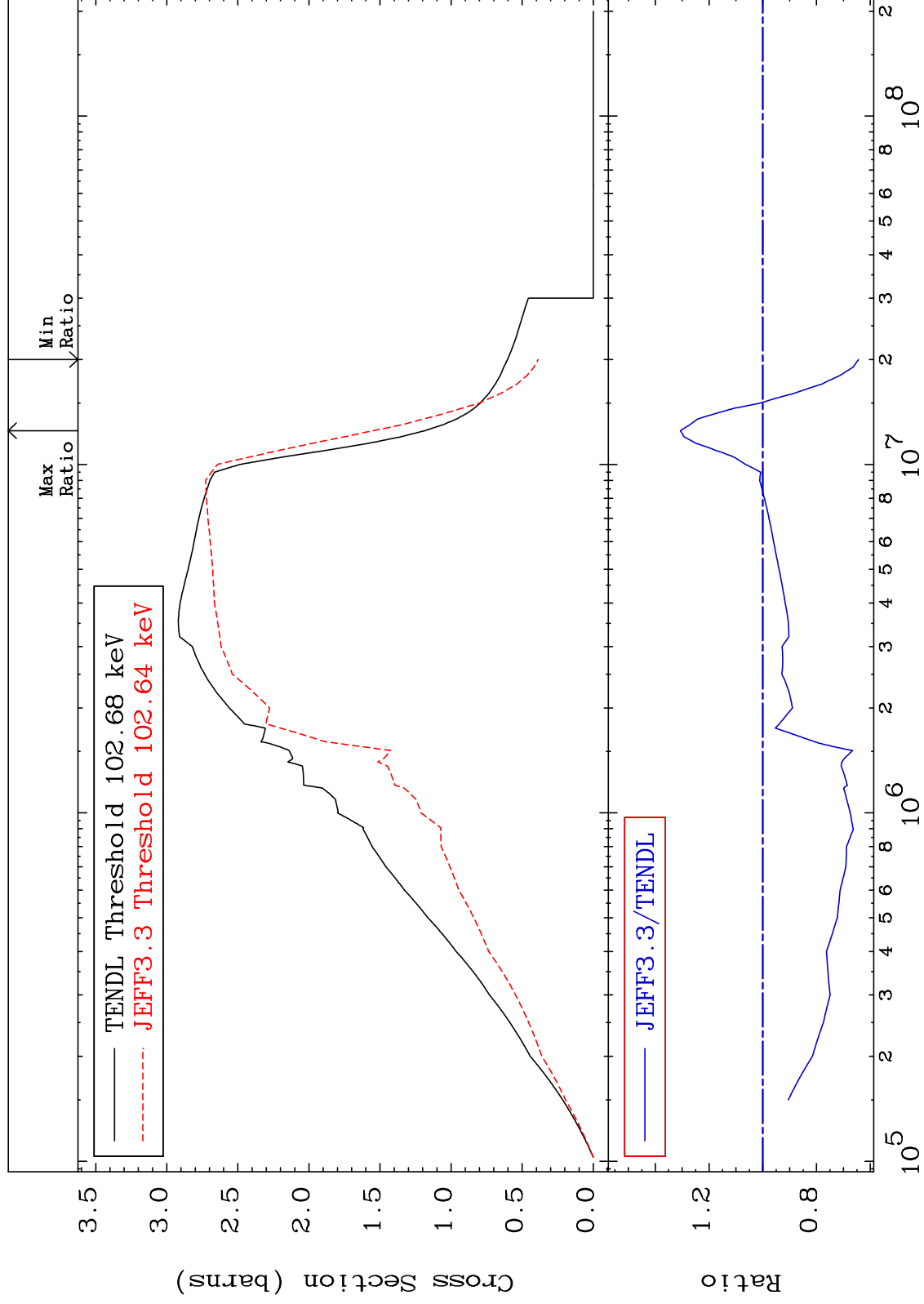


68-Er-162

MAT 6825

Inelastic  
Cross Section

68-Er-162  
-35.62 To 30.63 %



Incident Energy (eV)

68-Er-162

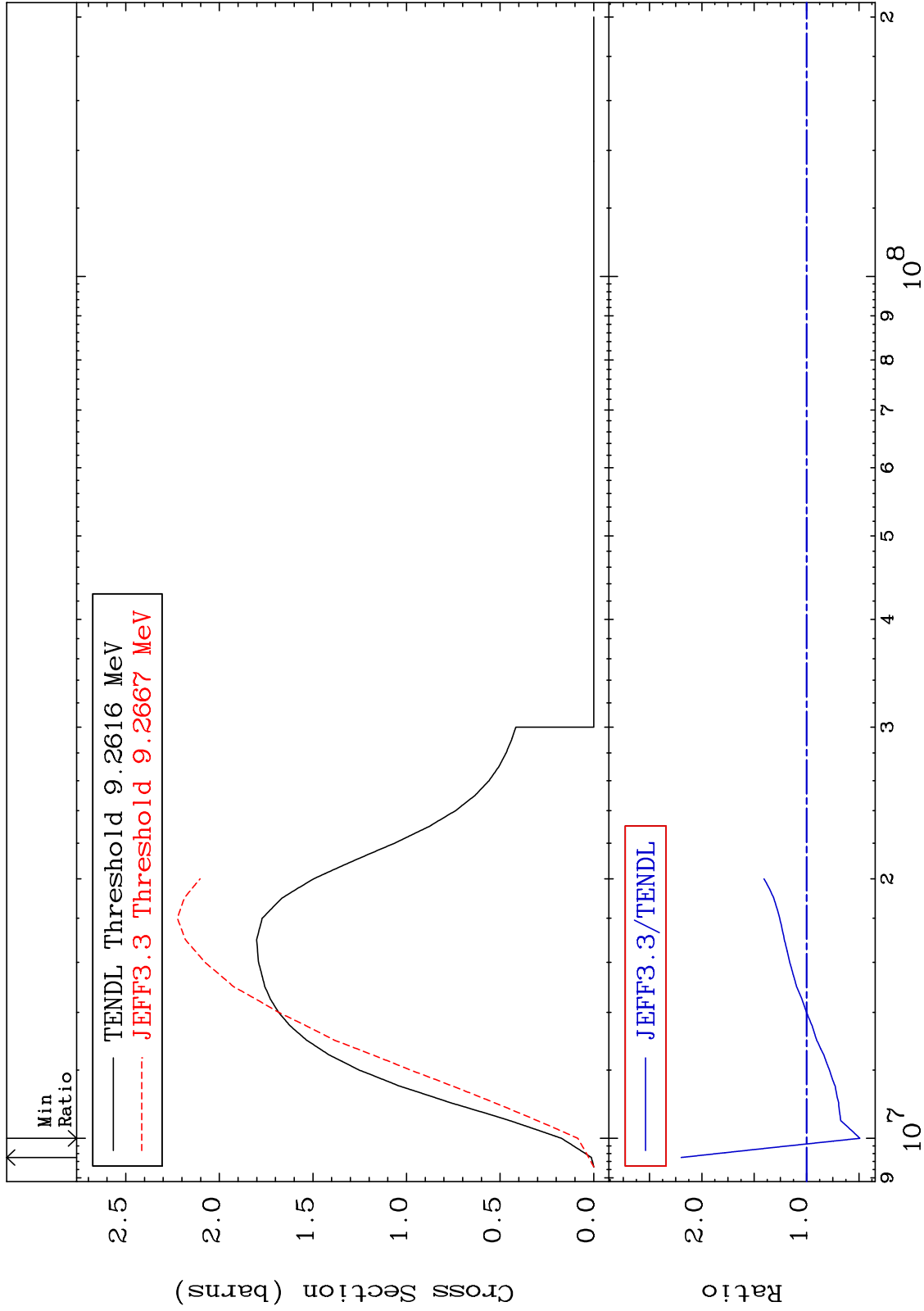
MAT 6825

(n, 2n)

68-Er-162

Cross Section

-50.98 To 119.7 %



Incident Energy (eV)

68-Er-162

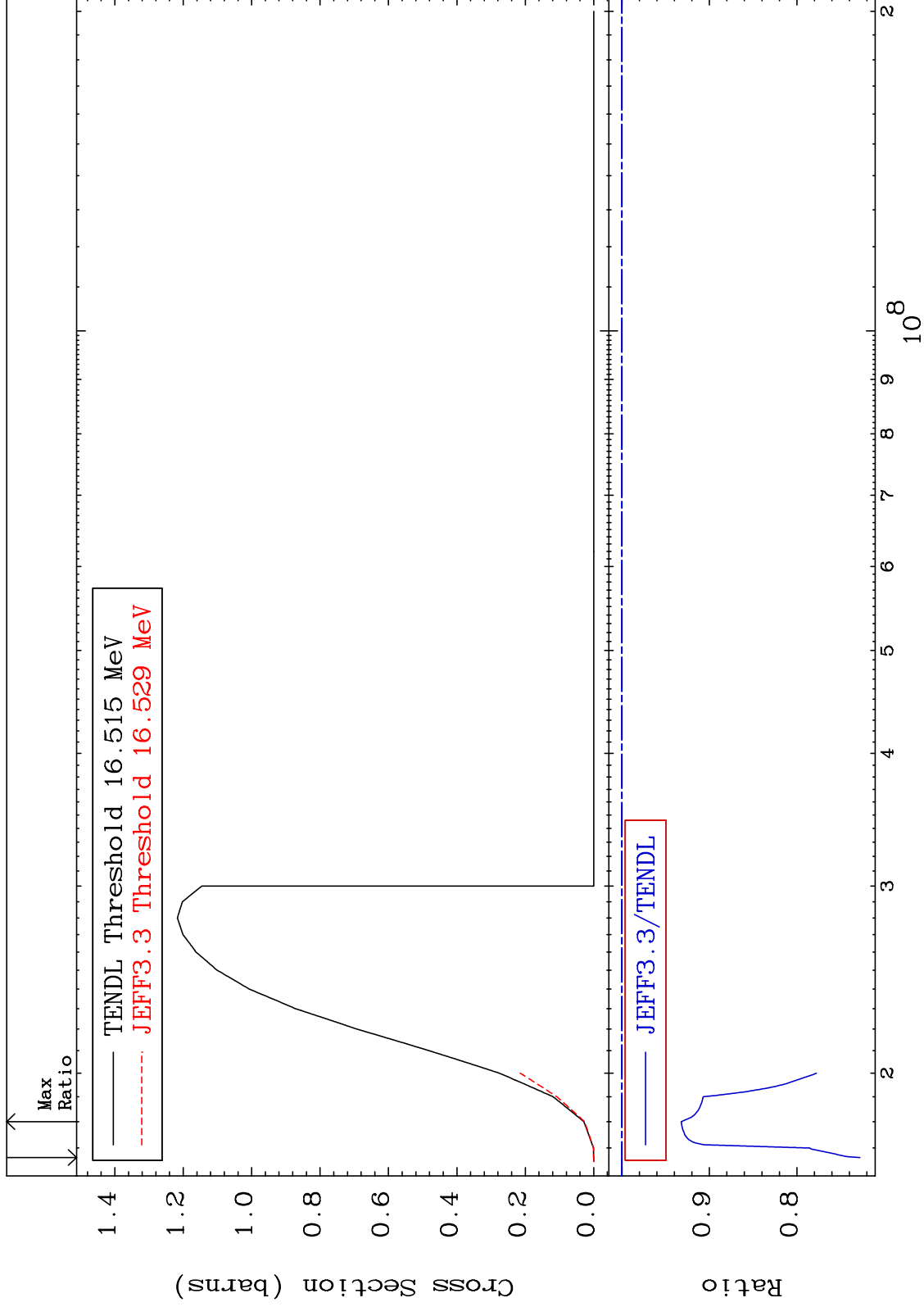
MAT 6825

(n, 3n)

68-Er-162

Cross Section

-27.20 To -6.783%



Incident Energy (eV)

68-Er-162

5

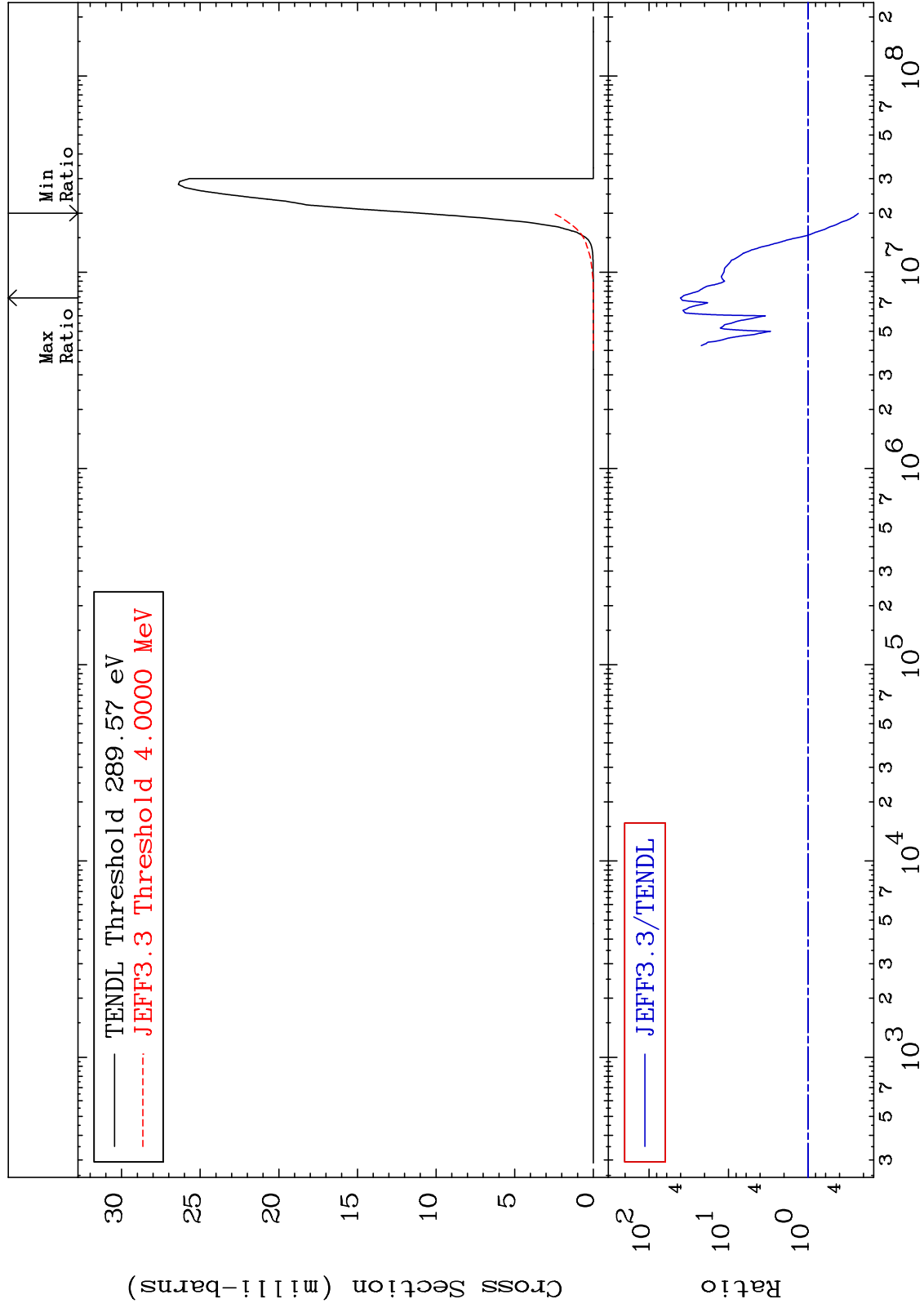
MAT 6825

(n, n')  $\alpha$

Cross Section

68-Er-162

-76.88 To 3925. %



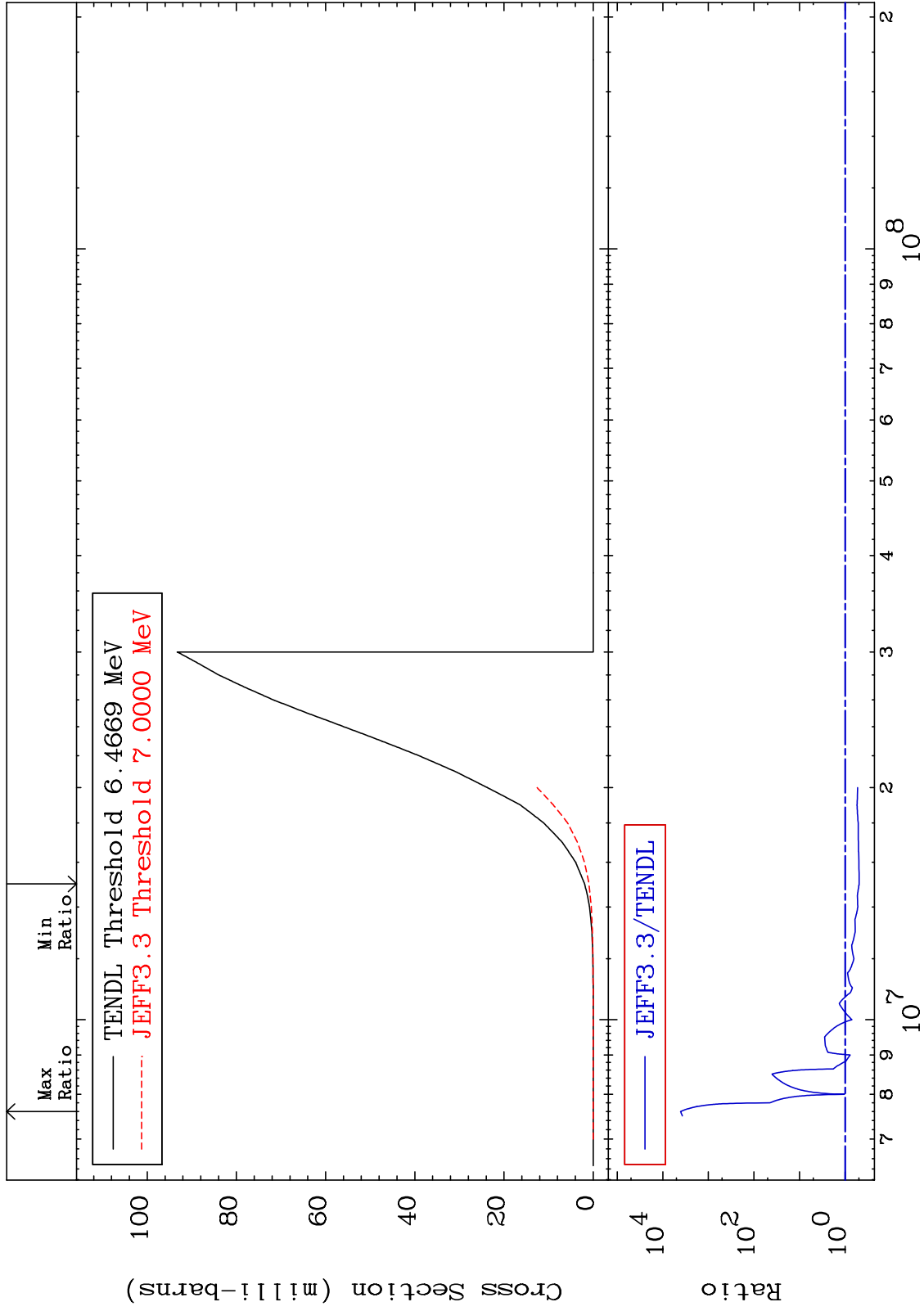
MAT 6825

(n,n') p

68-Er-162

Cross Section

-50.89 To 9999. %

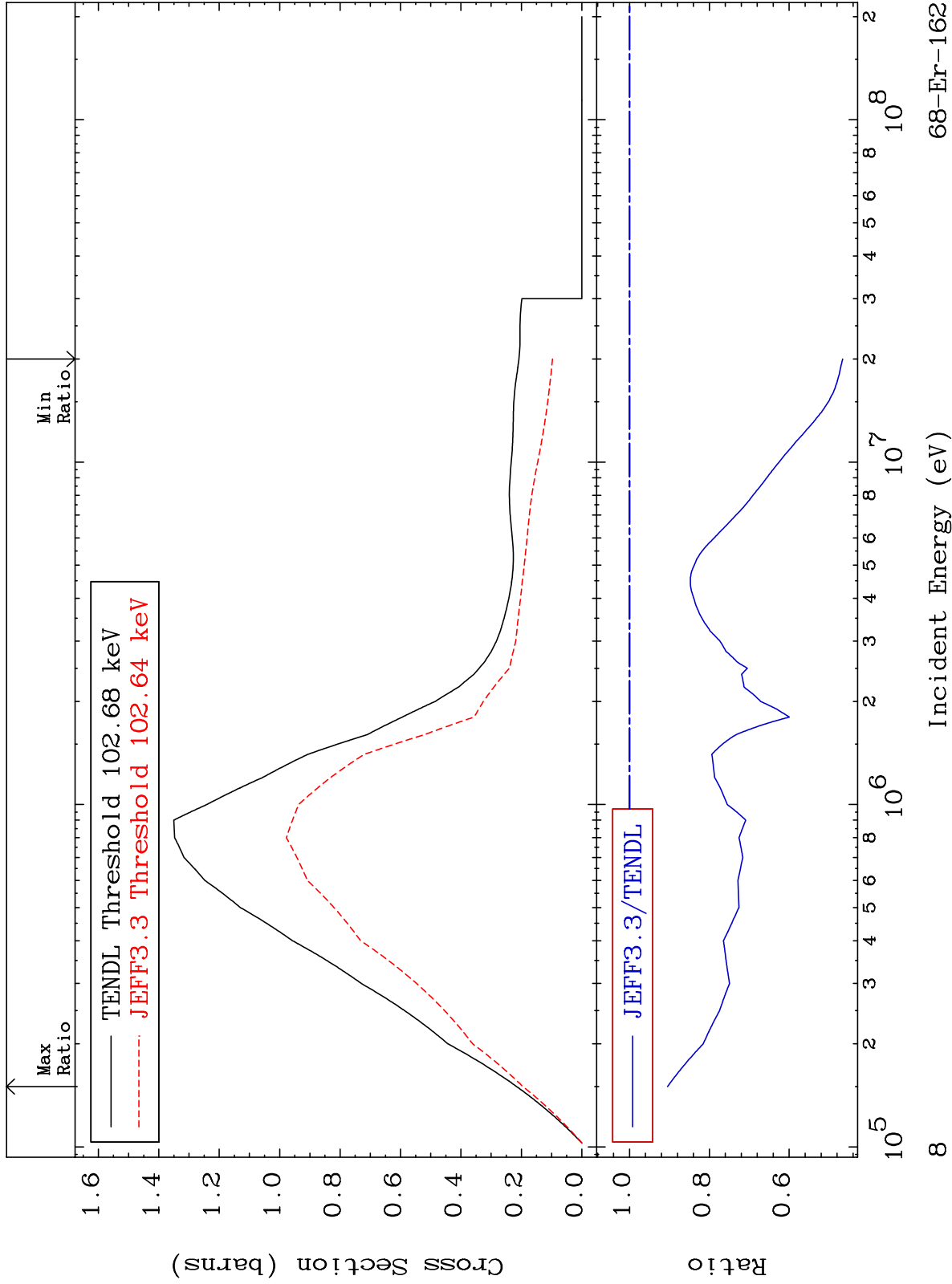




MAT 6825

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

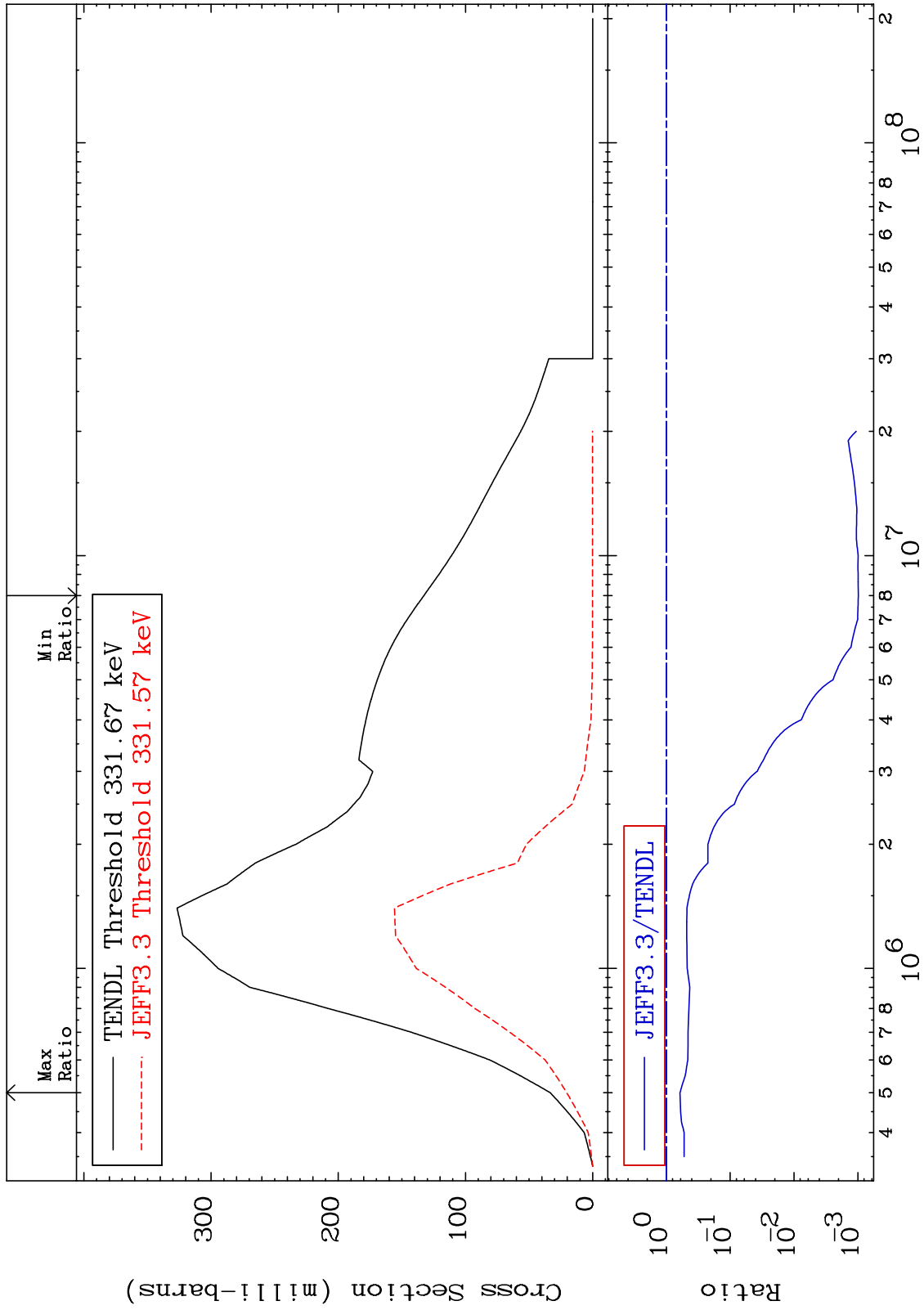
68-Er-162  
-53.40 To -9.516%



68-Er-162

Incident Energy (eV)

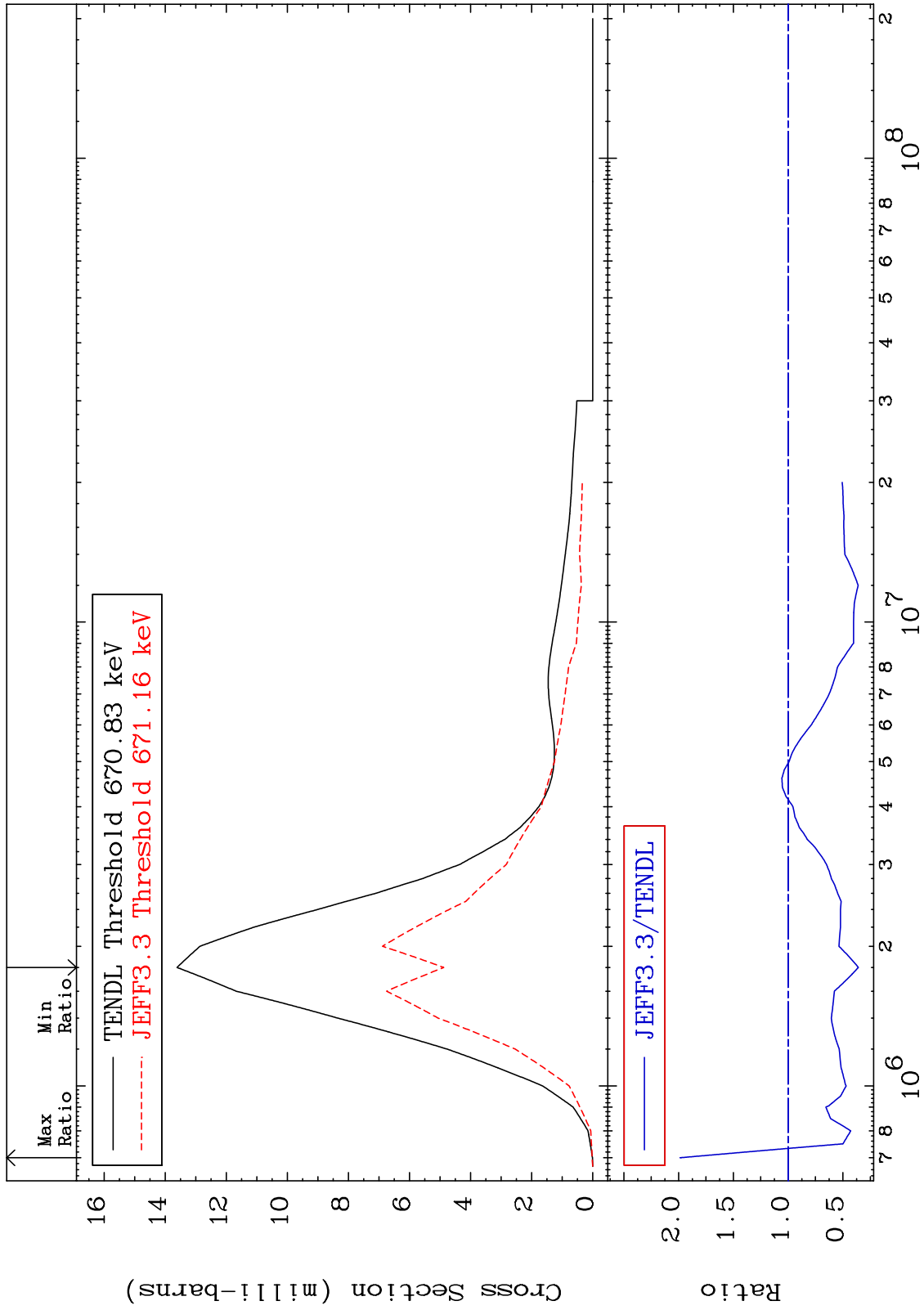
MAT 6825      MT= 52 (n, n') Level Cross Section      68-Er-162  
 -99.90 To -38.86%



MAT 6825

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

68-Er-162  
-64.18 To 98.72 %

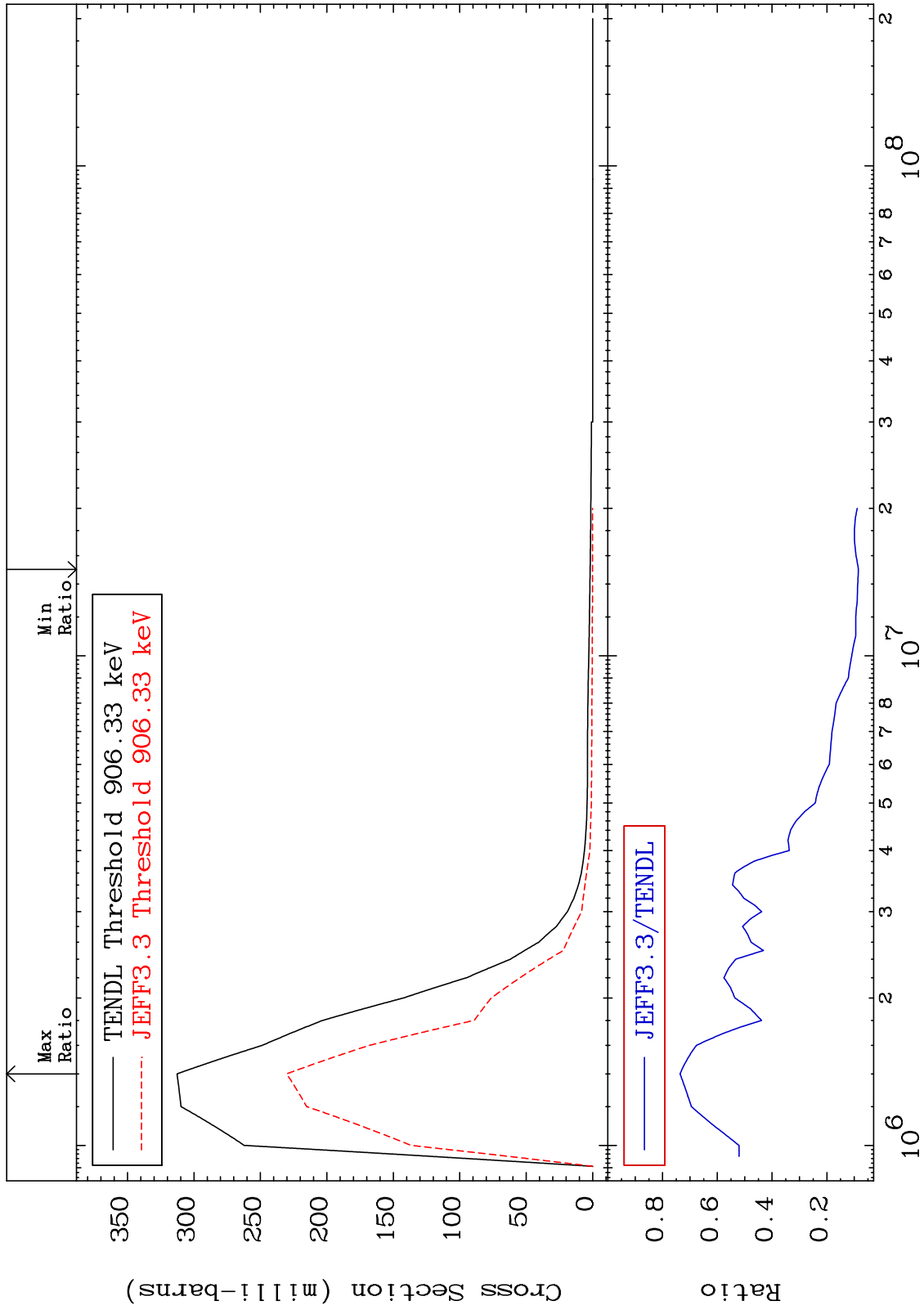


10 7 8 10 6 7 8 10 8 10 8 68-Er-162

MAT 6825

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

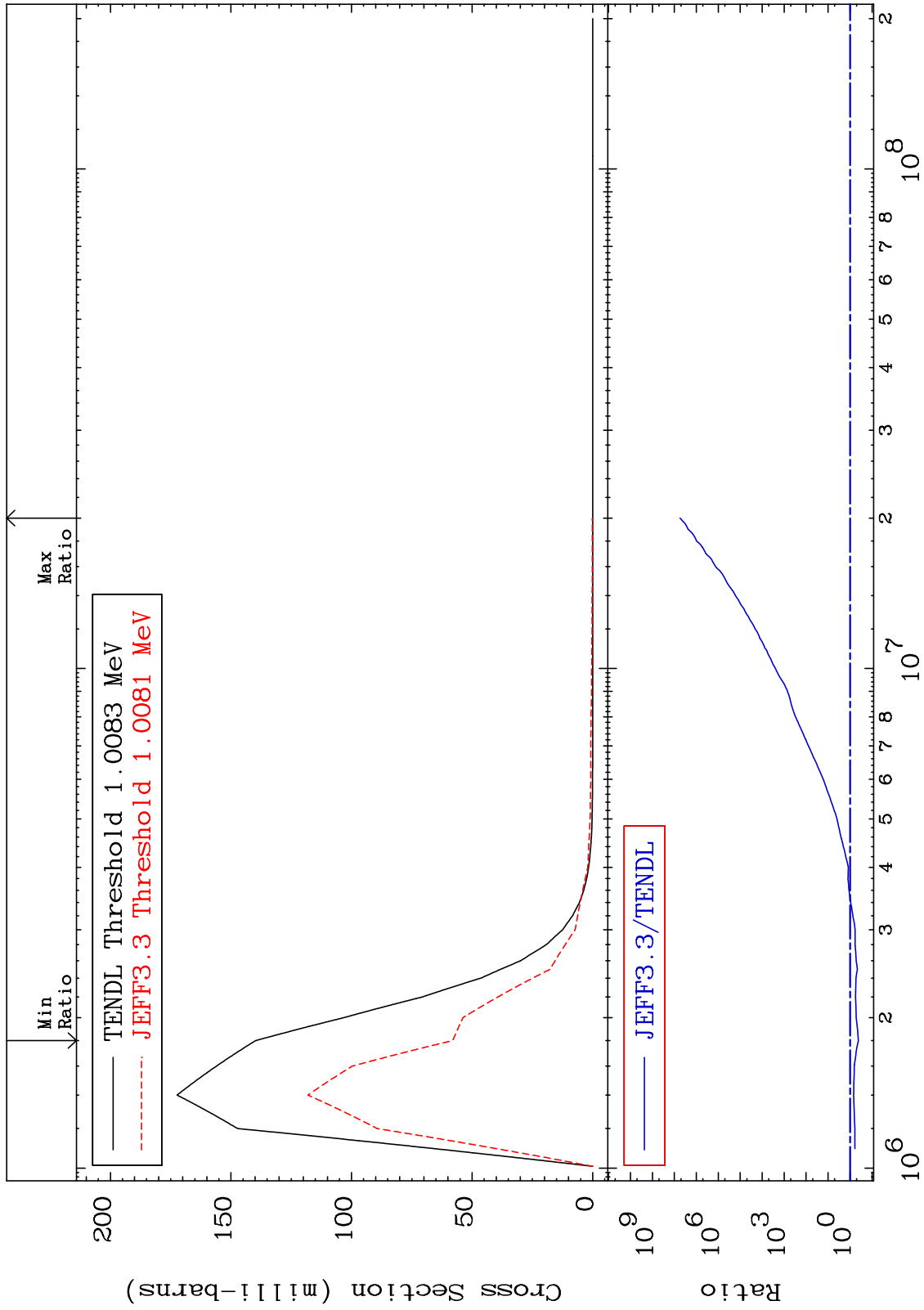
68-Er-162  
-91.53 To -26.37%



MAT 6825

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

68-Er-162  
-58.42 To 9999. %



68-Er-162

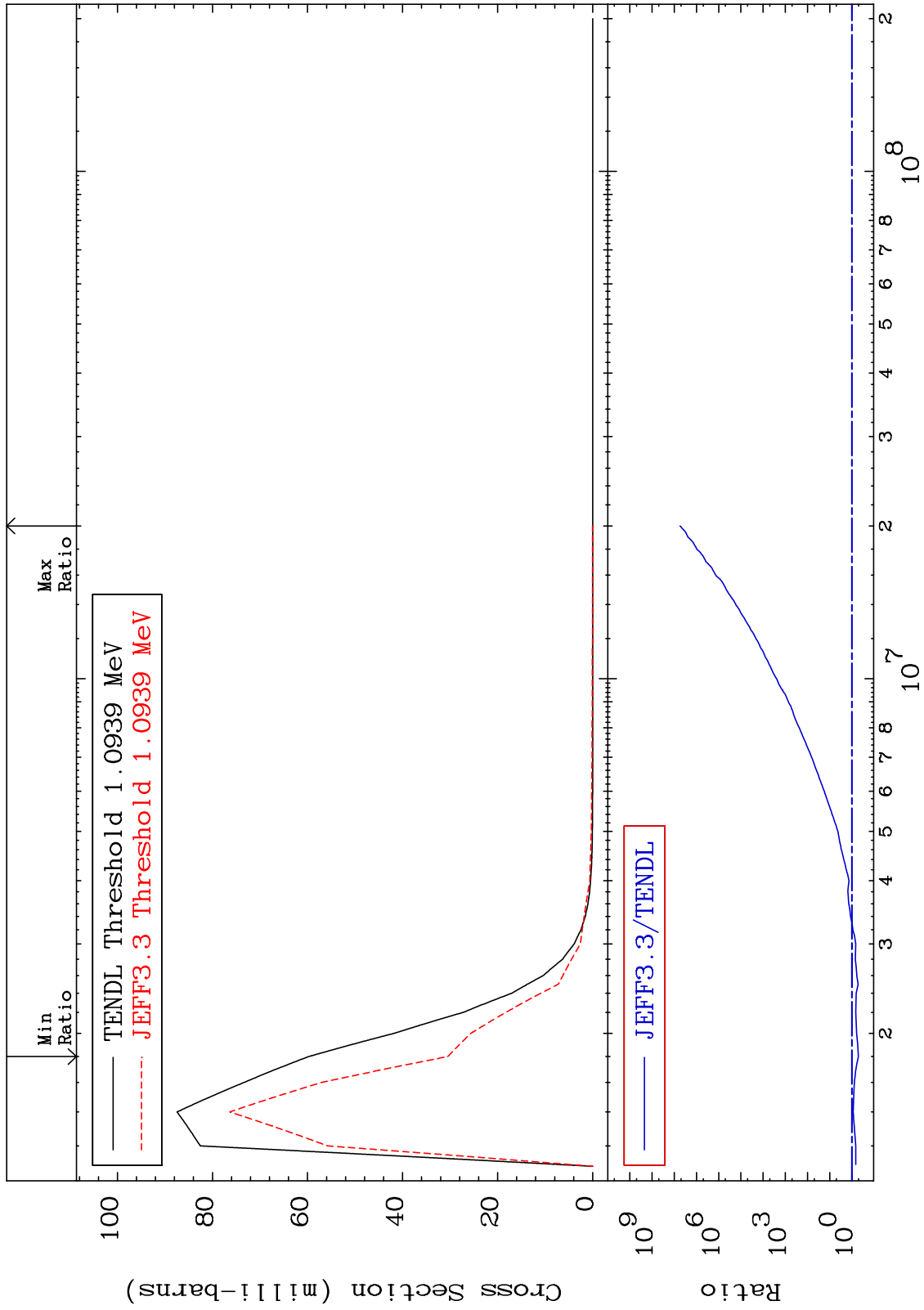
Incident Energy (eV)

12

MAT 6825

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

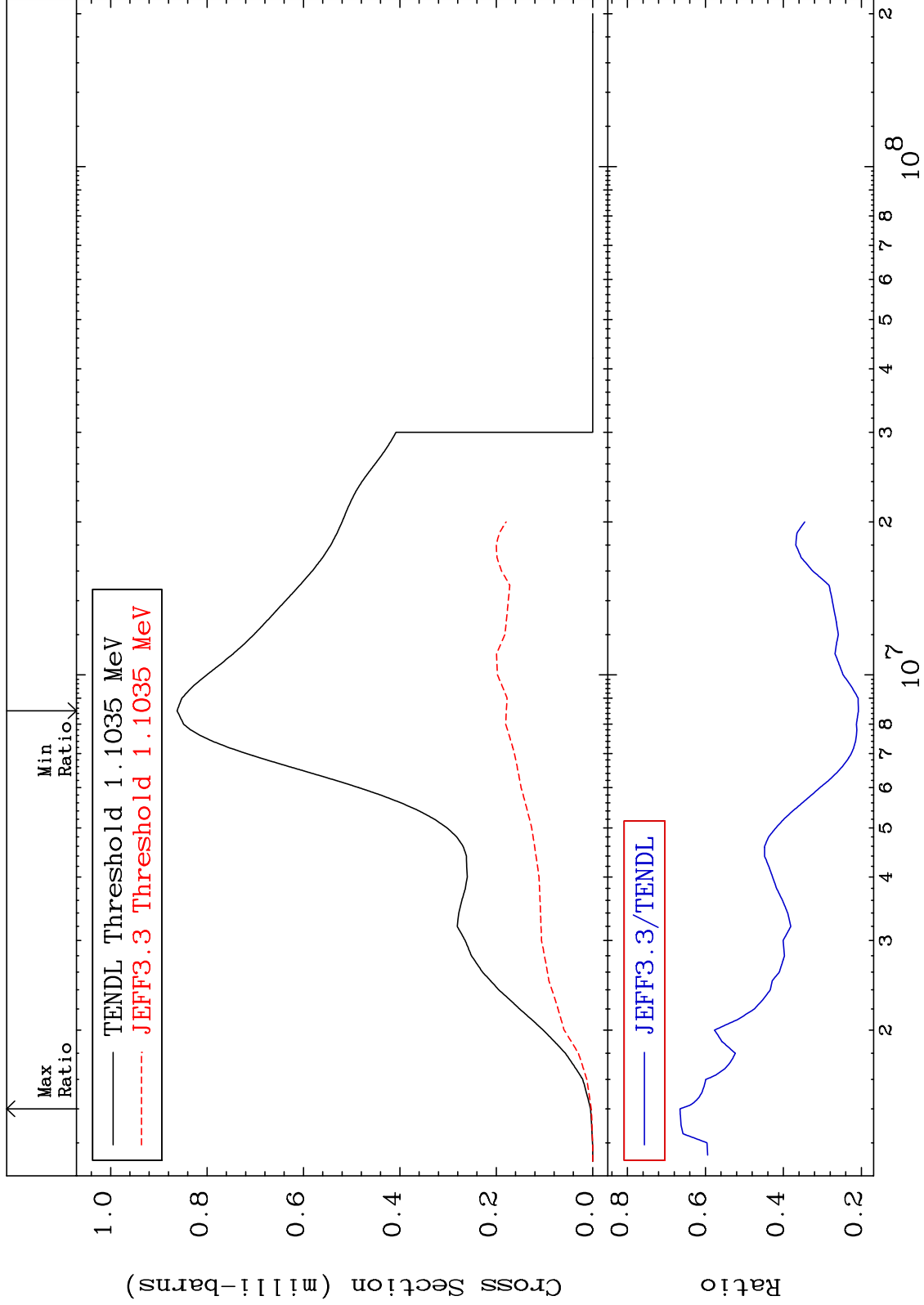
68-Er-162  
-48.98 To 9999. %



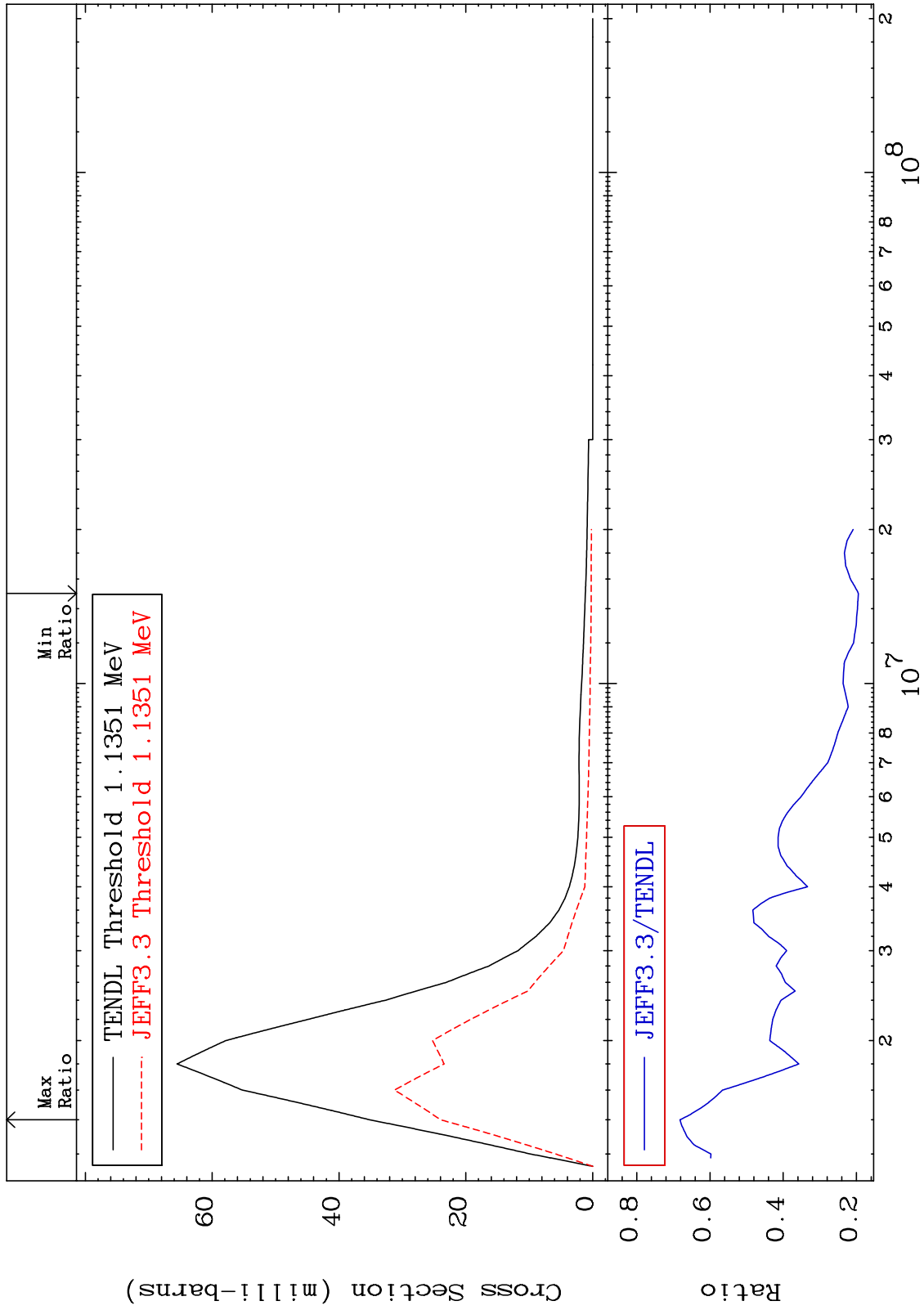
MAT 6825

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

68-Er-162  
-79.23 To -33.48%



MAT 6825      MT= 58 (n, n') Level Cross Section      68-Er-162  
 -80.53 To -31.82%

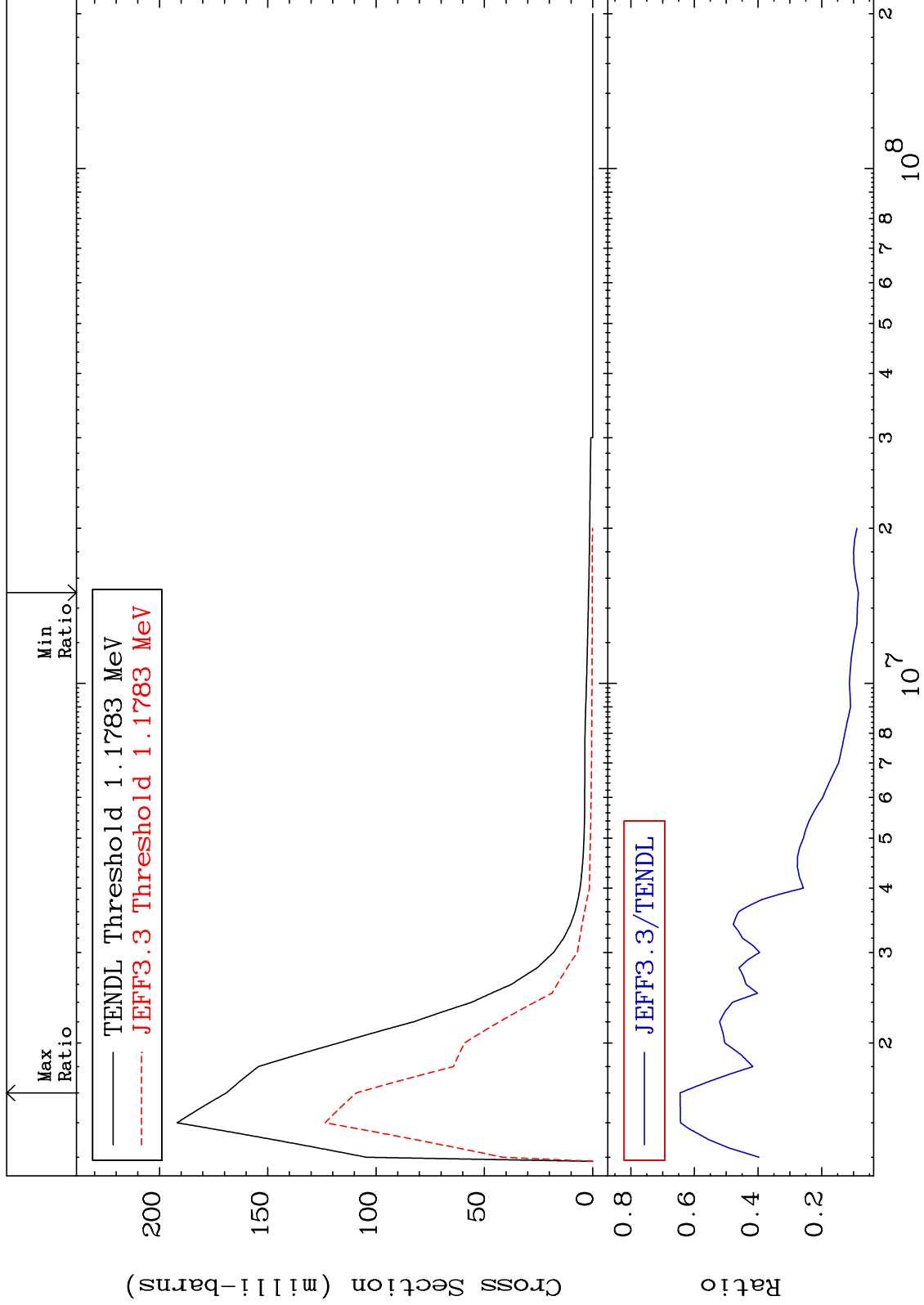




MAT 6825

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

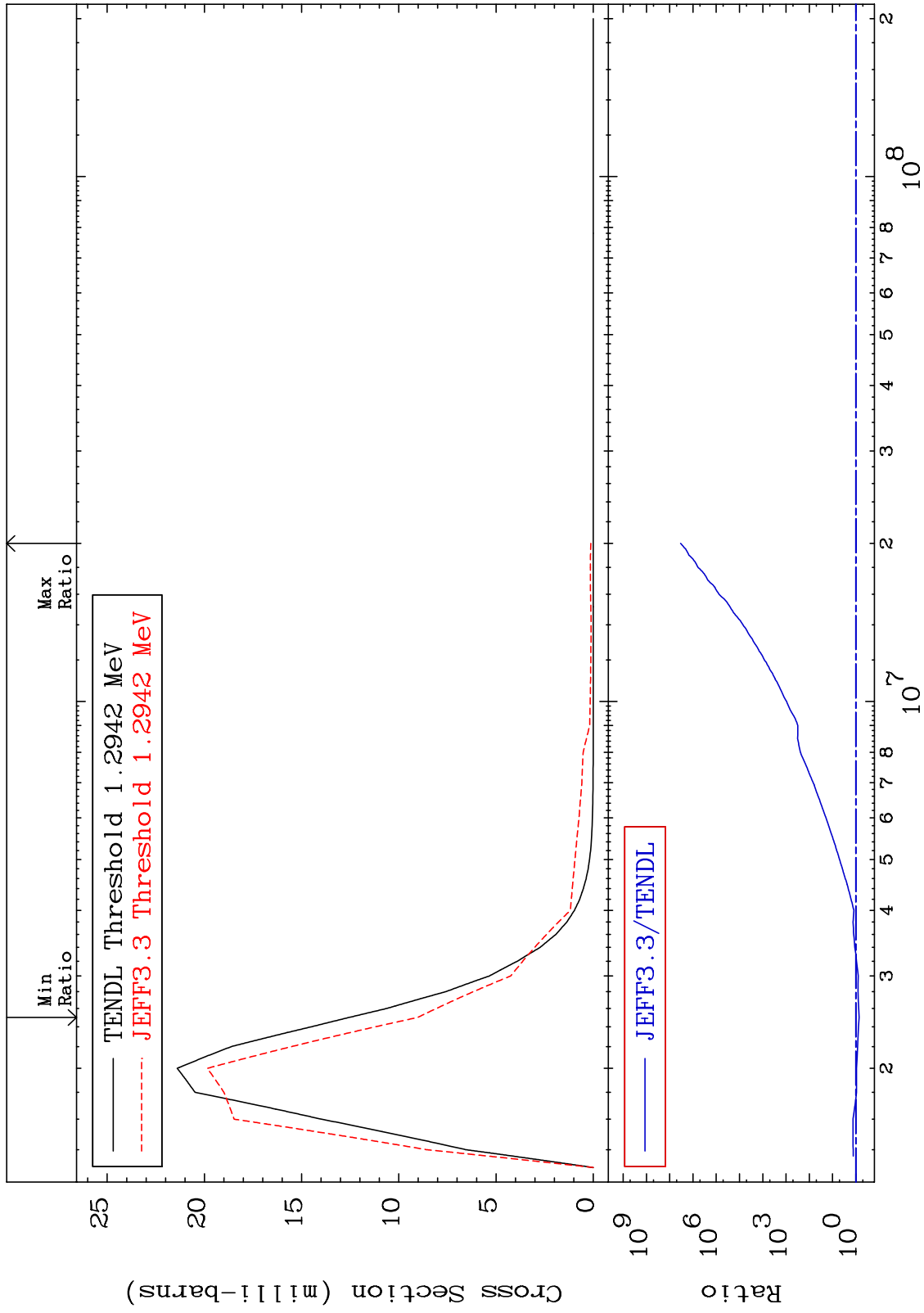
68-Er-162  
-91.52 To -35.46%



MAT 6825

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

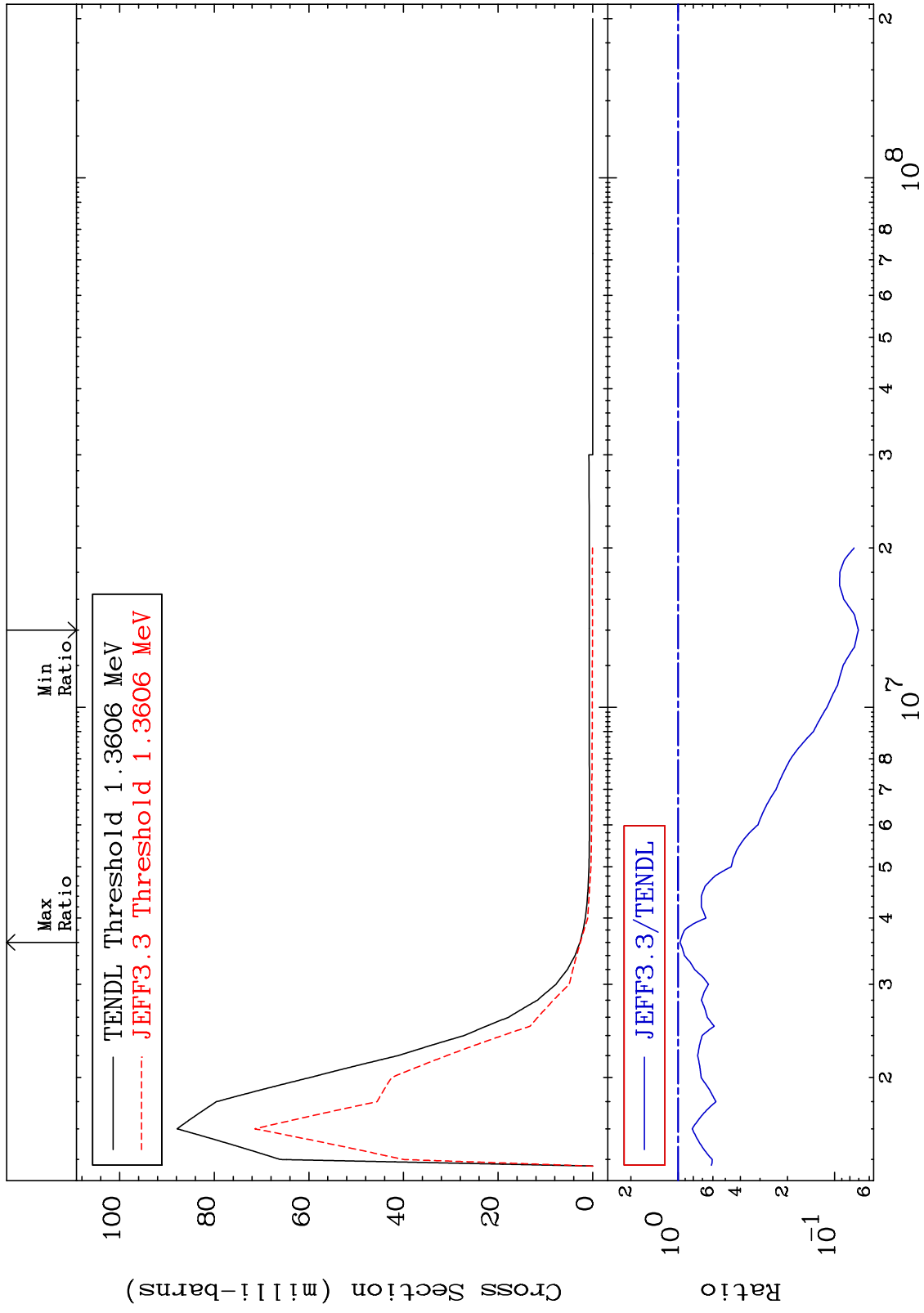
68-Er-162  
-28.07 To 9999. %



MAT 6825

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

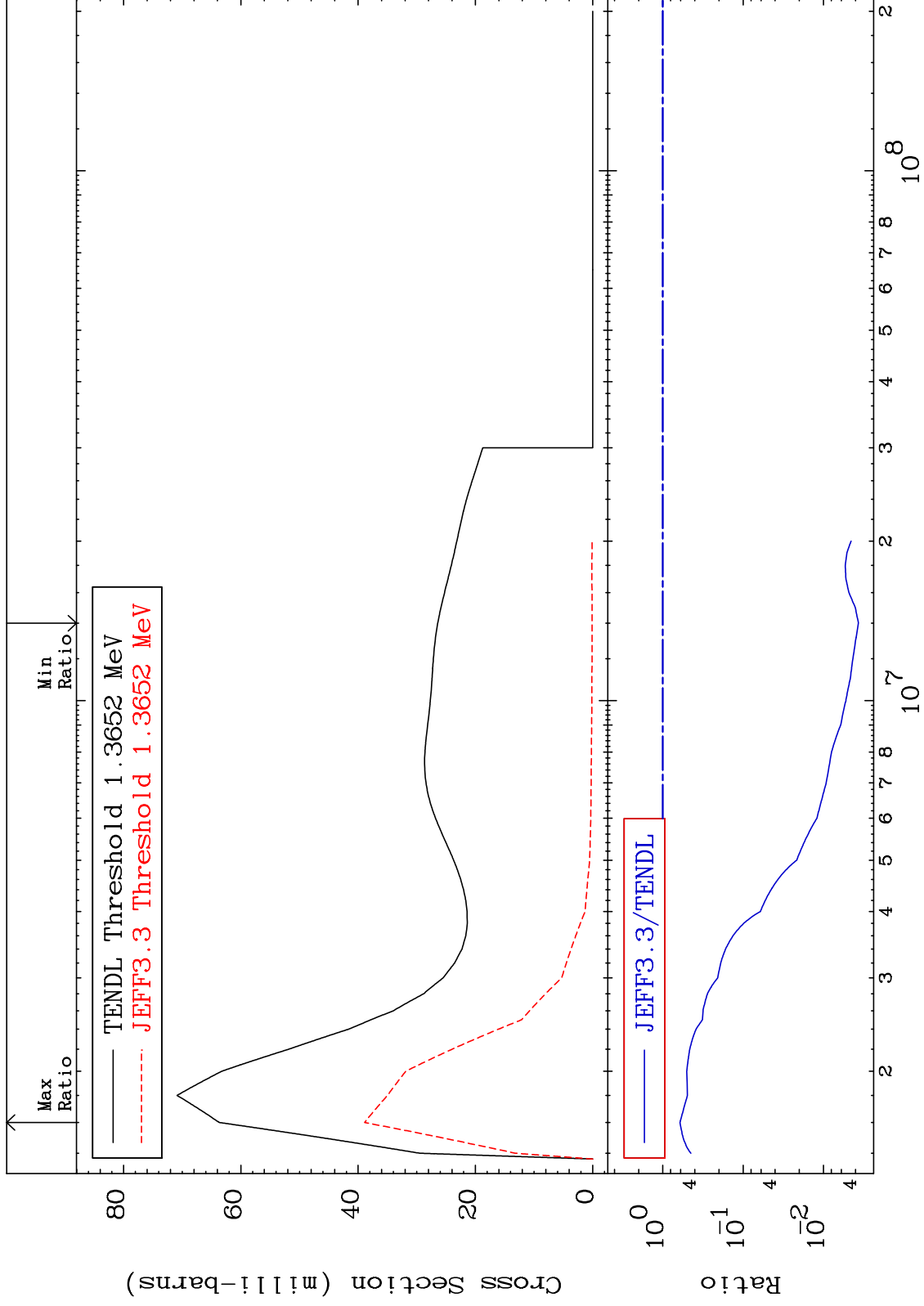
68-Er-162  
-92.95 To -2.782%



MAT 6825

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

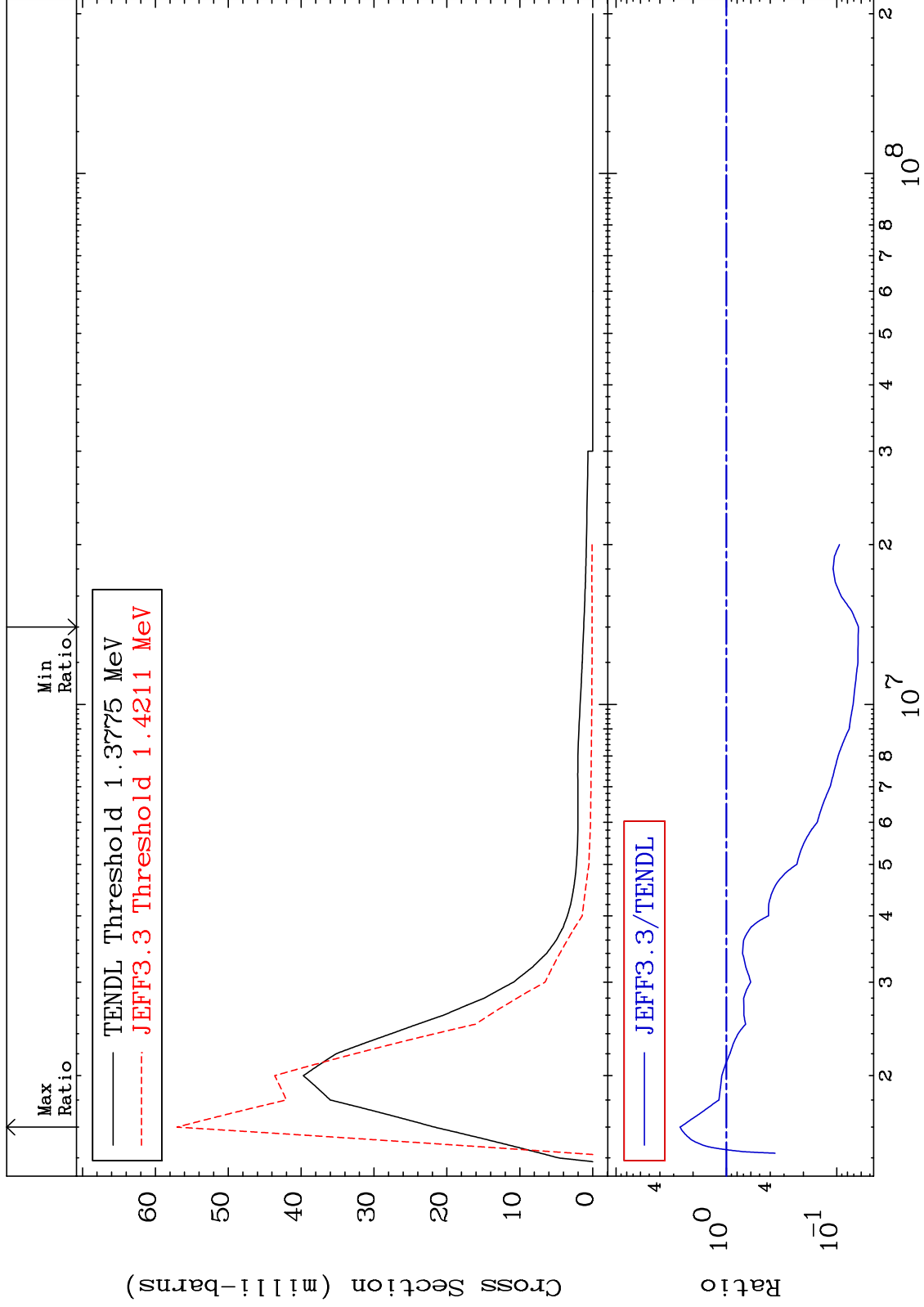
68-Er-162  
-99.63 To -38.91%



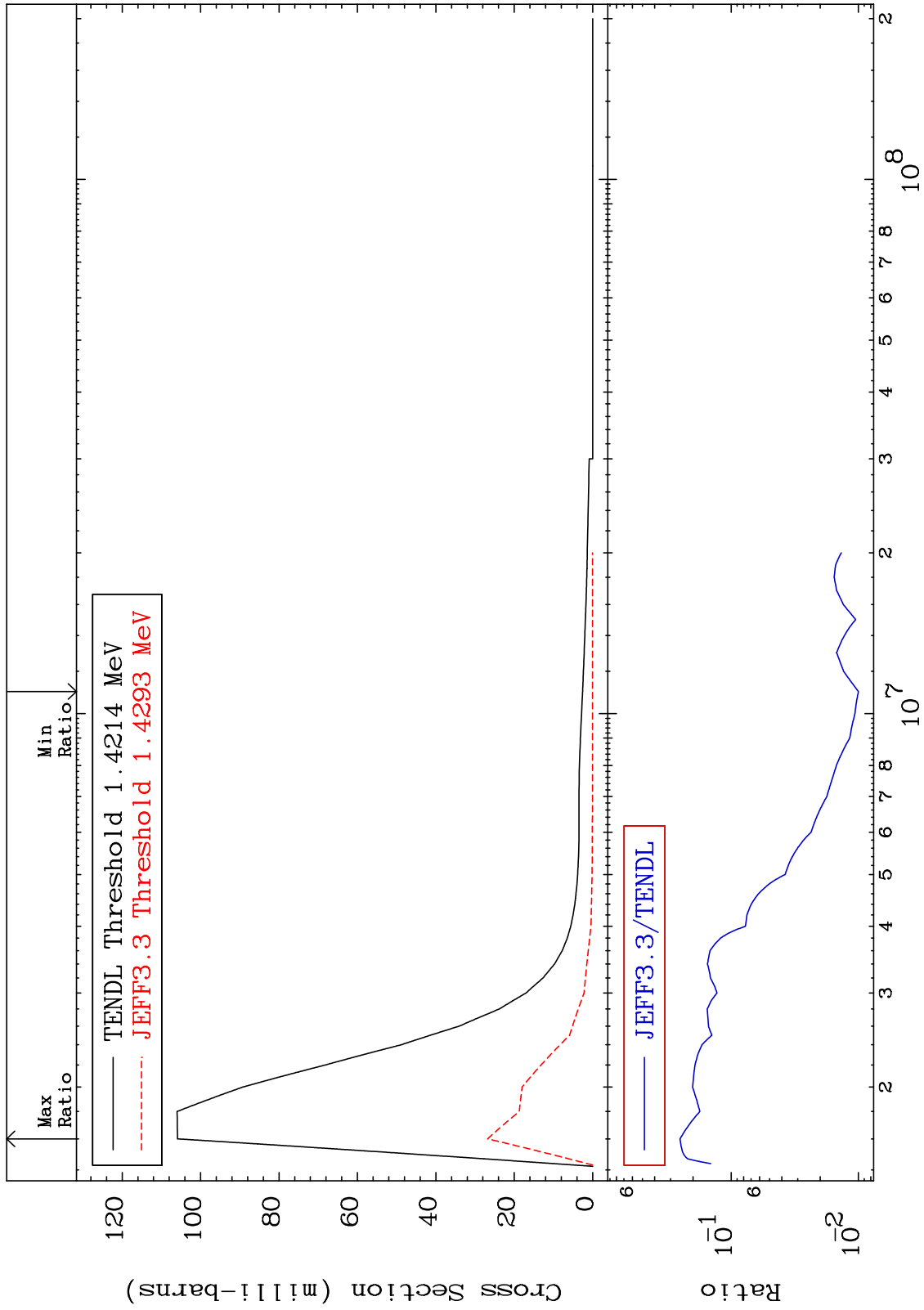
MAT 6825

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

68-Er-162  
-93.64 To 162.8 %



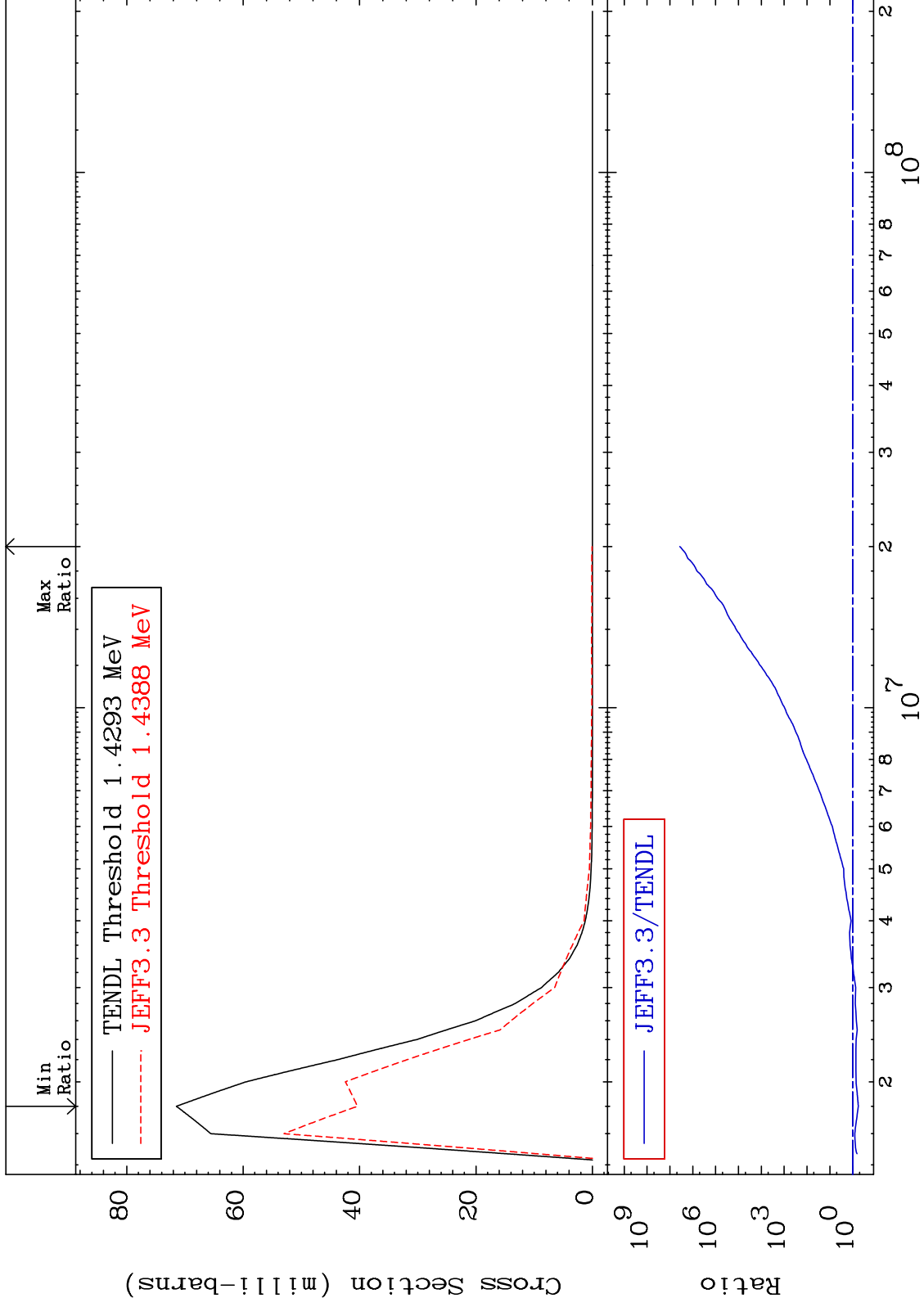
MAT 6825      MT= 64 (n,n') Level      68-Er-162  
 Cross Section      -99.00 To -74.69%



MAT 6825

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

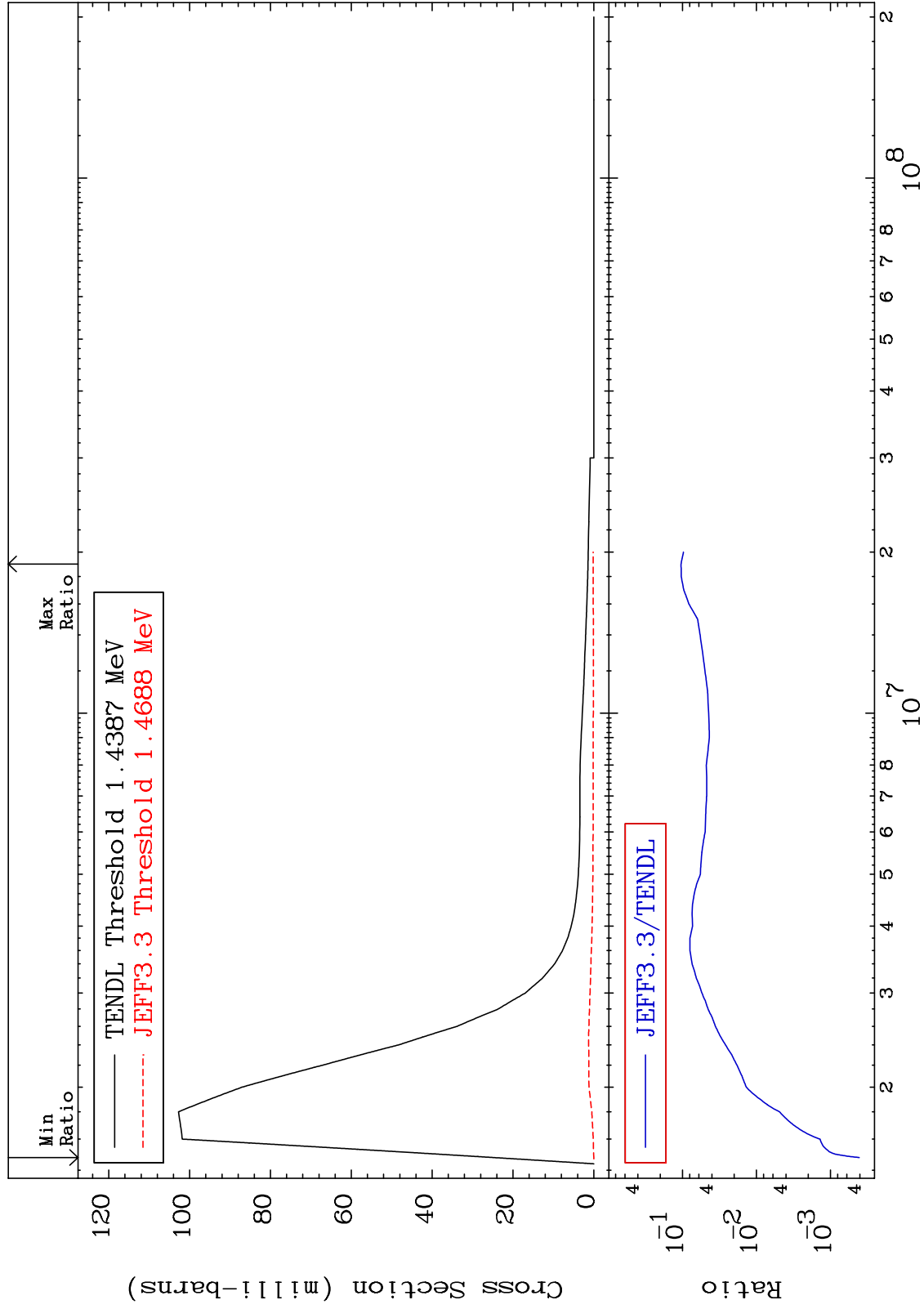
68-Er-162  
-43.53 To 9999. %



MAT 6825

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

68-Er-162  
-99.96 To -89.55%

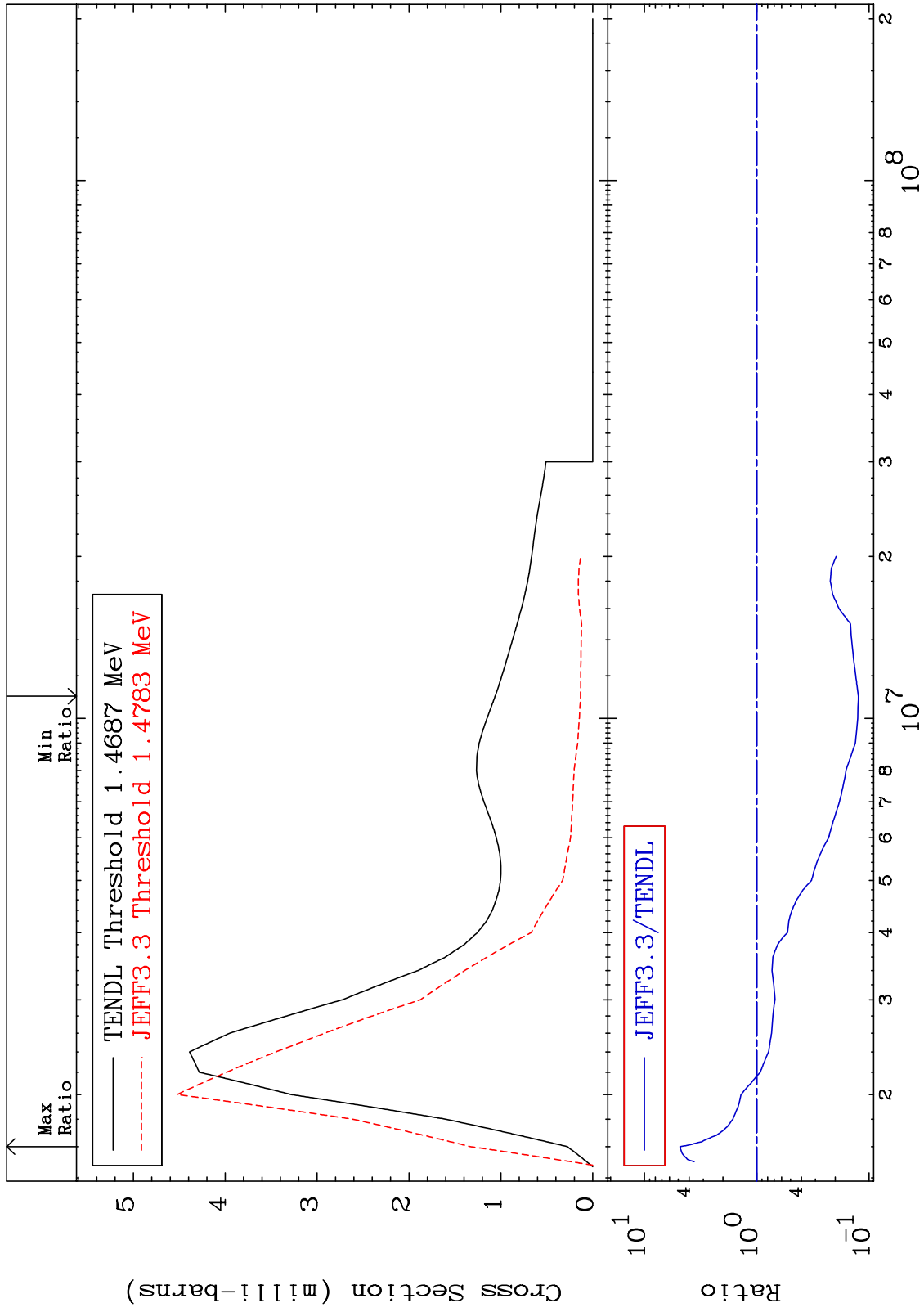




MAT 6825

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

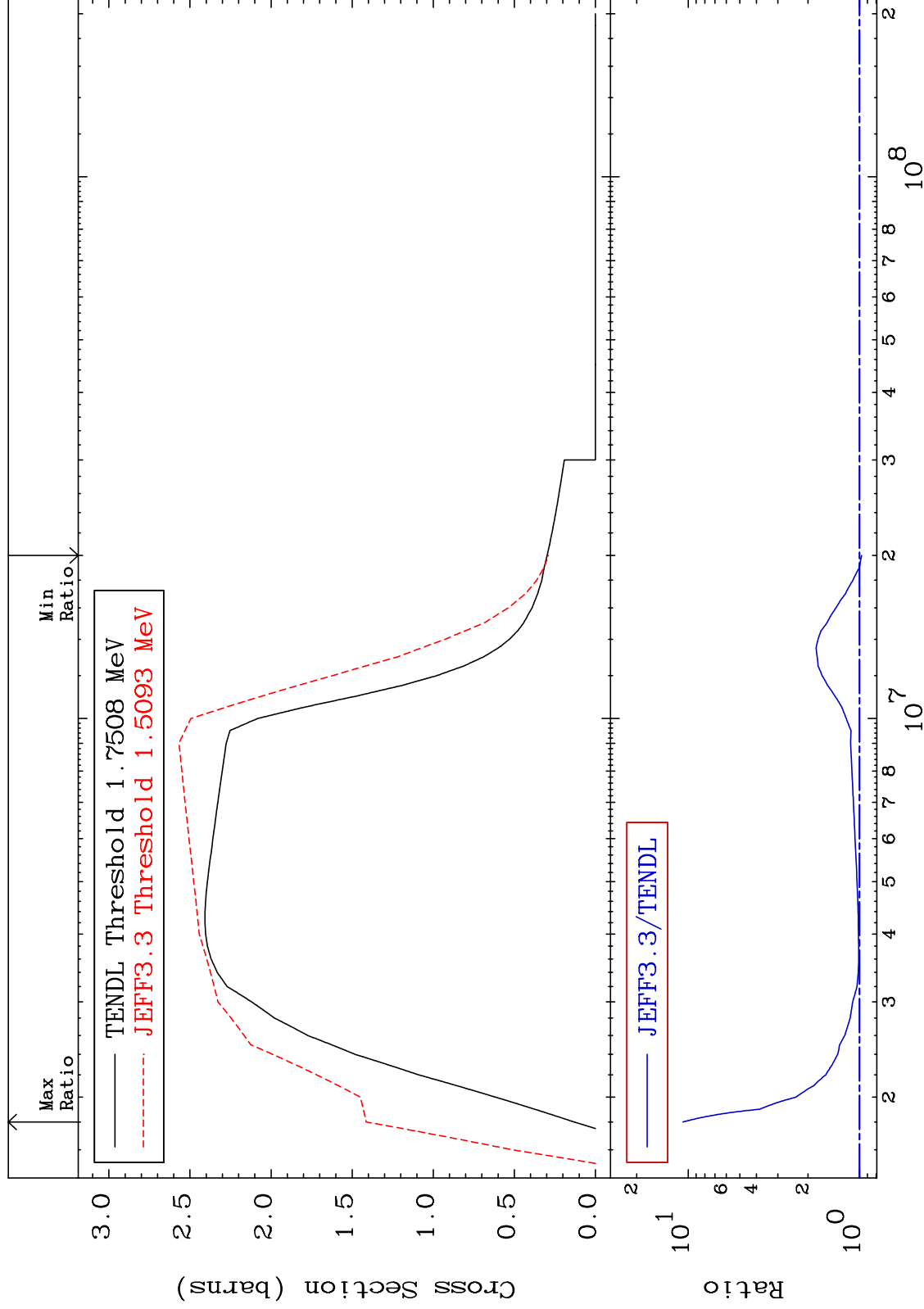
68-Er-162  
-87.56 To 382.4 %



MAT 6825

(n, n') Continuum  
Cross Section

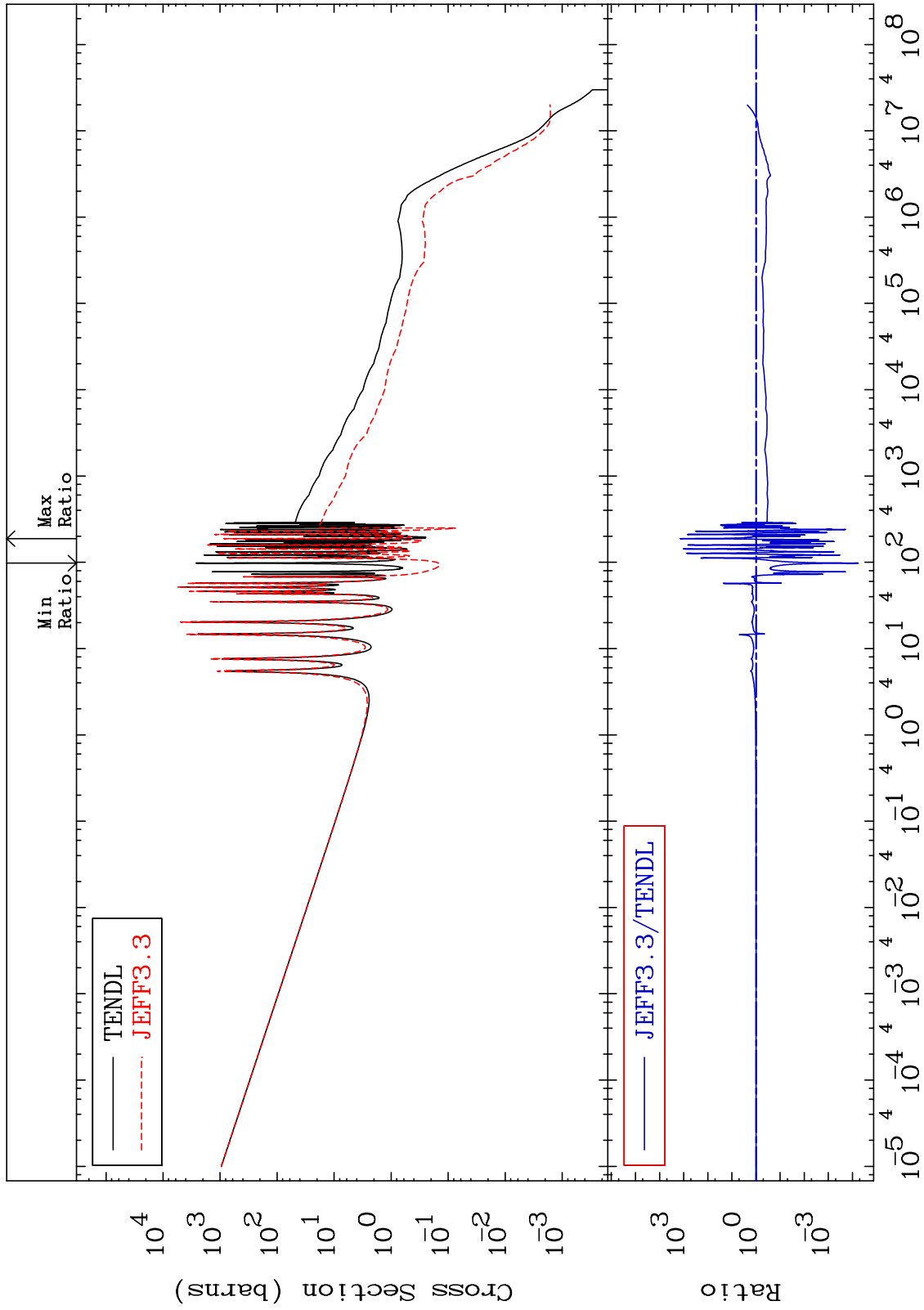
68-Er-162  
-2.620 To 976.2 %



MAT 6825

(n,  $\gamma$ )  
Cross Section

68-Er-162  
-99.99 To 9999. %



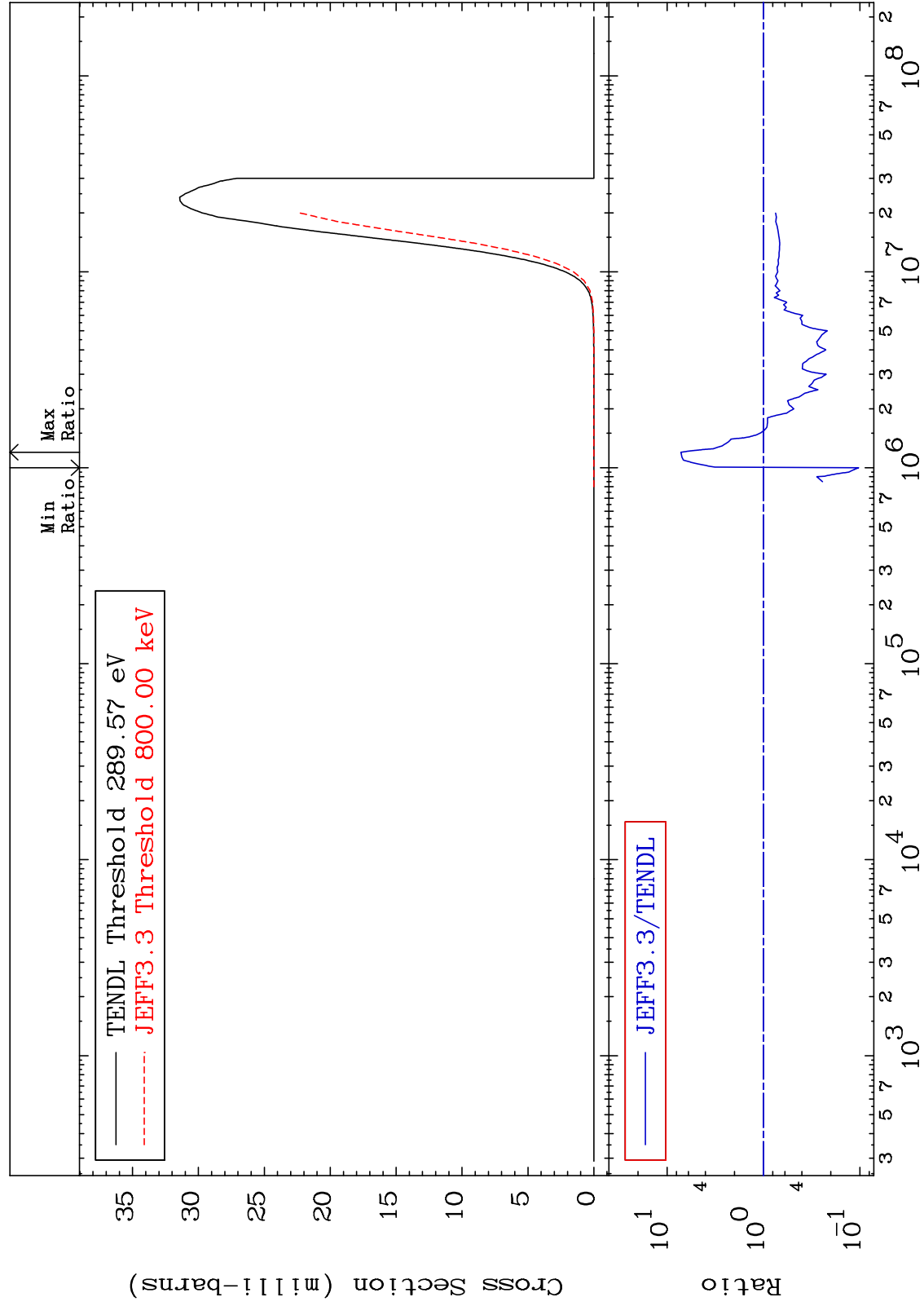
MAT 6825

(n, p)

68-Er-162

Cross Section

-89.69 To 618.2 %



27

Incident Energy (eV)

68-Er-162

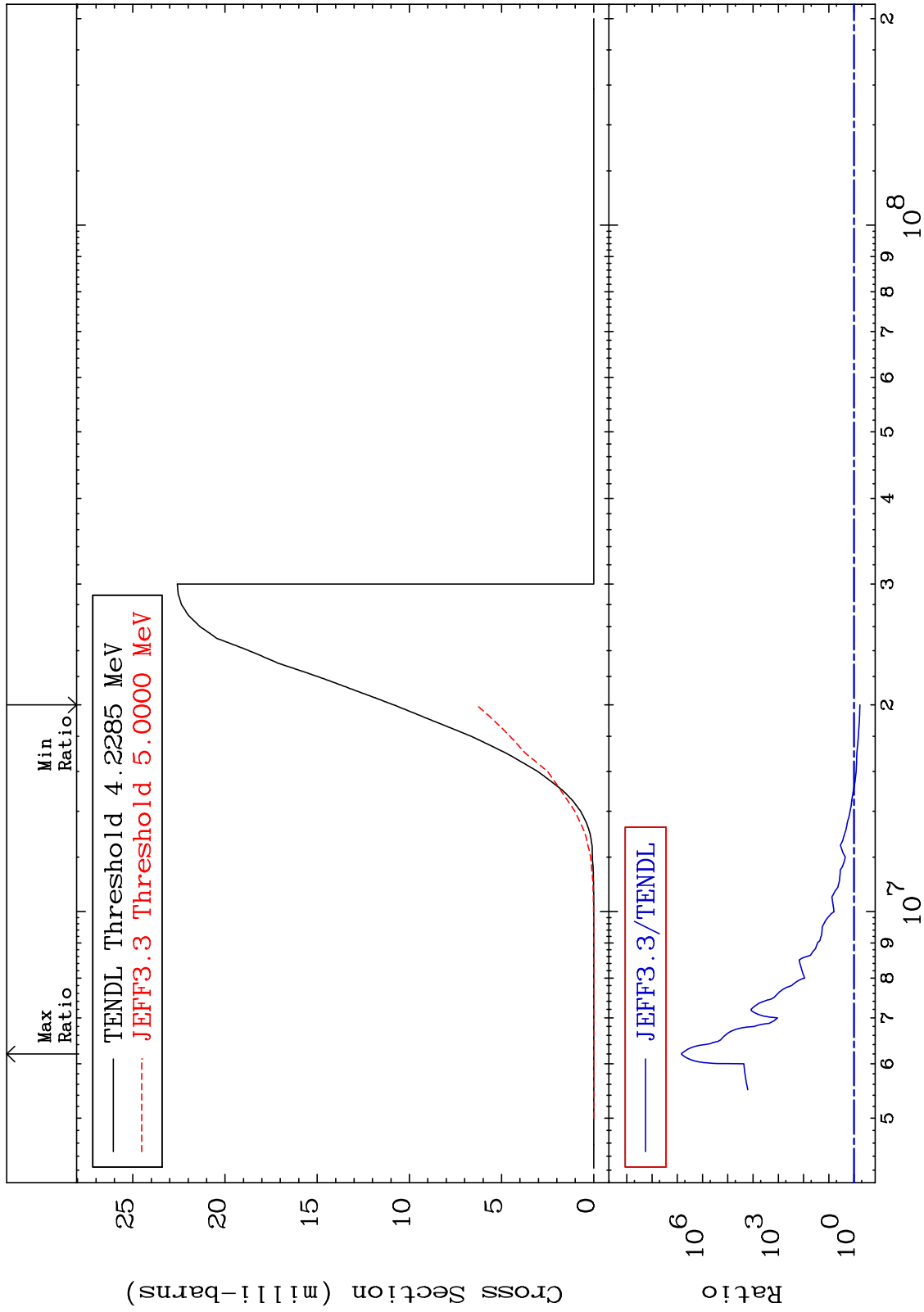
MAT 6825

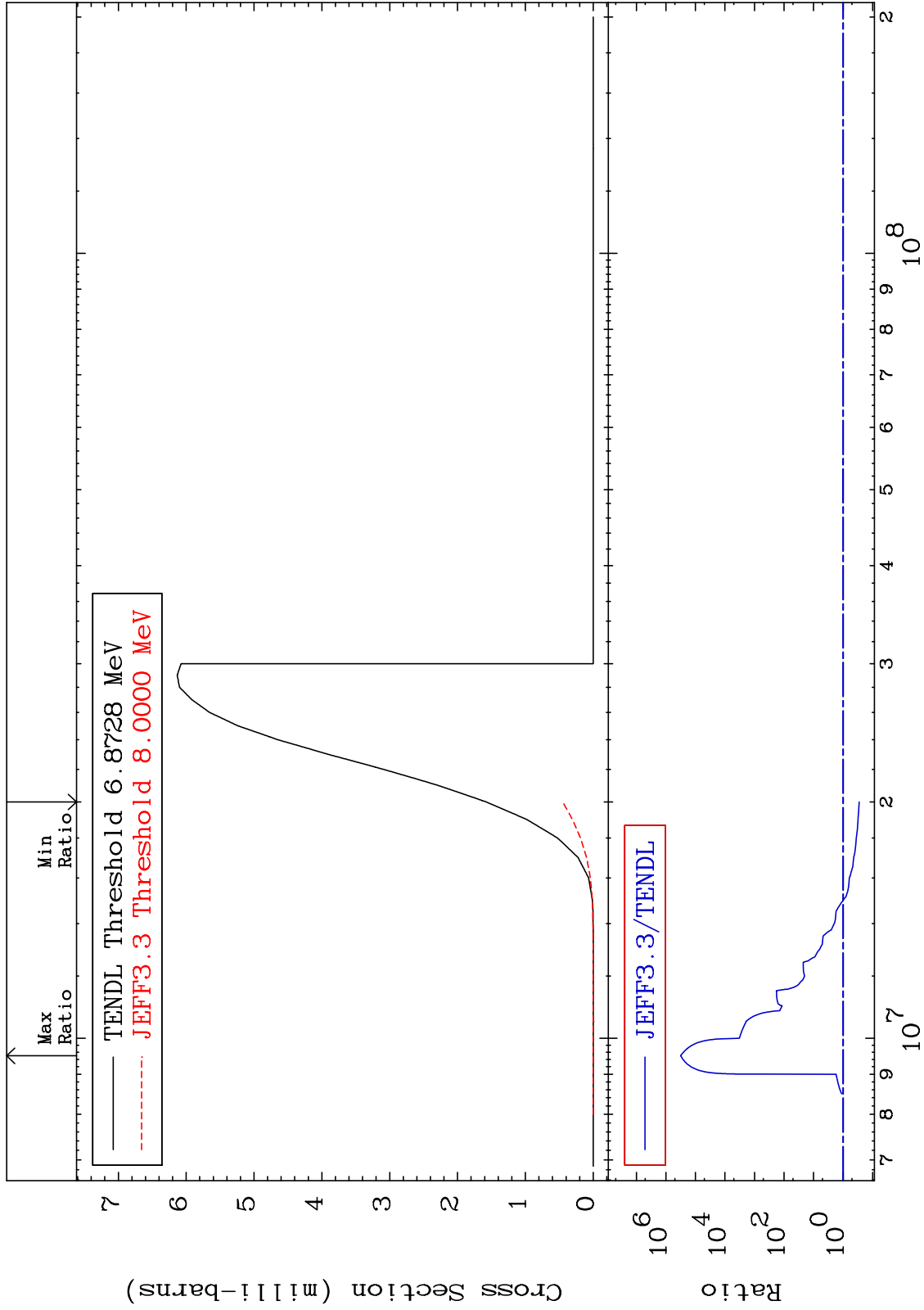
(n, d)

68-Er-162

-41.37 To 9999. %

Cross Section





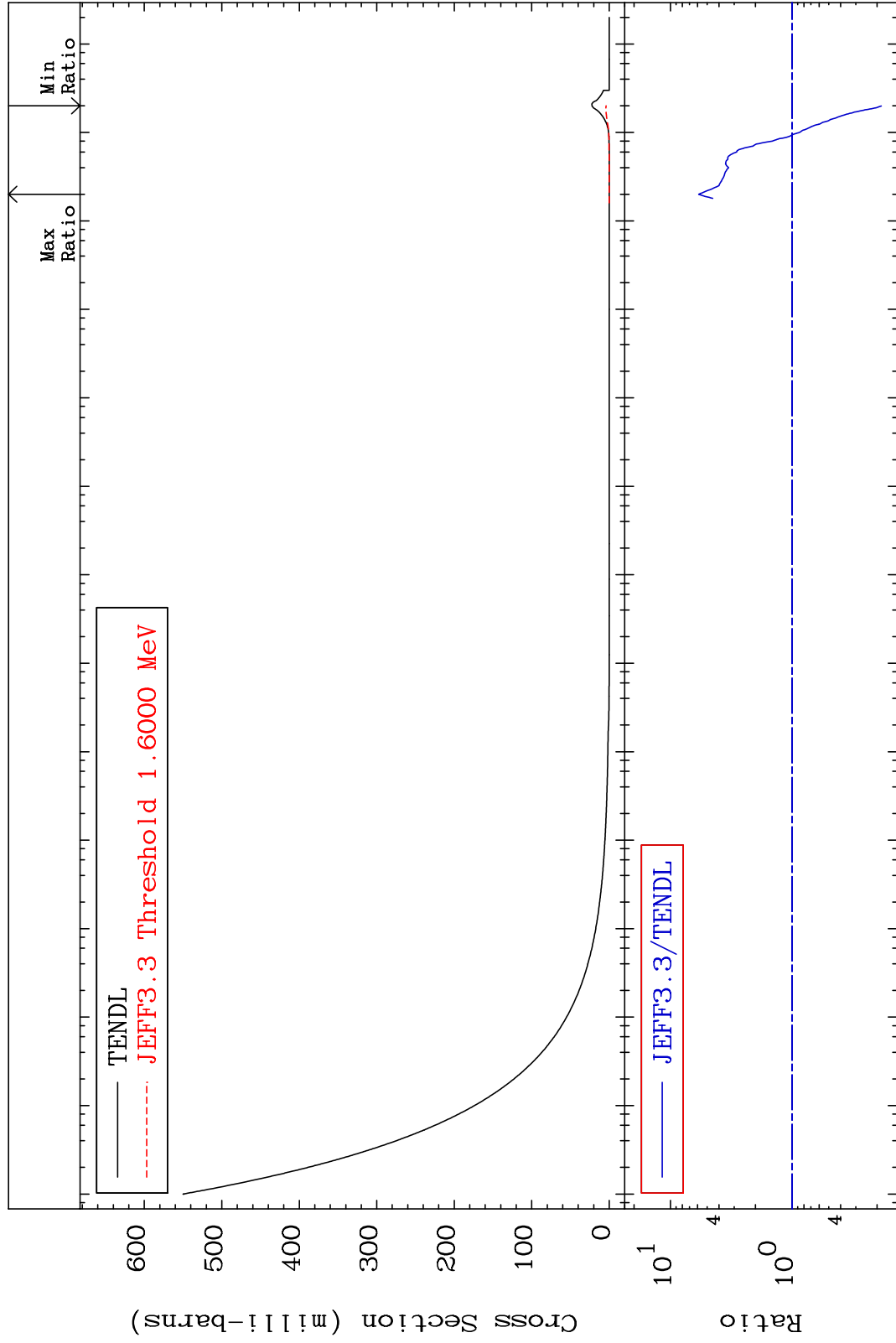
MAT 6825

(n,  $\alpha$ )

68-Er-162

Cross Section

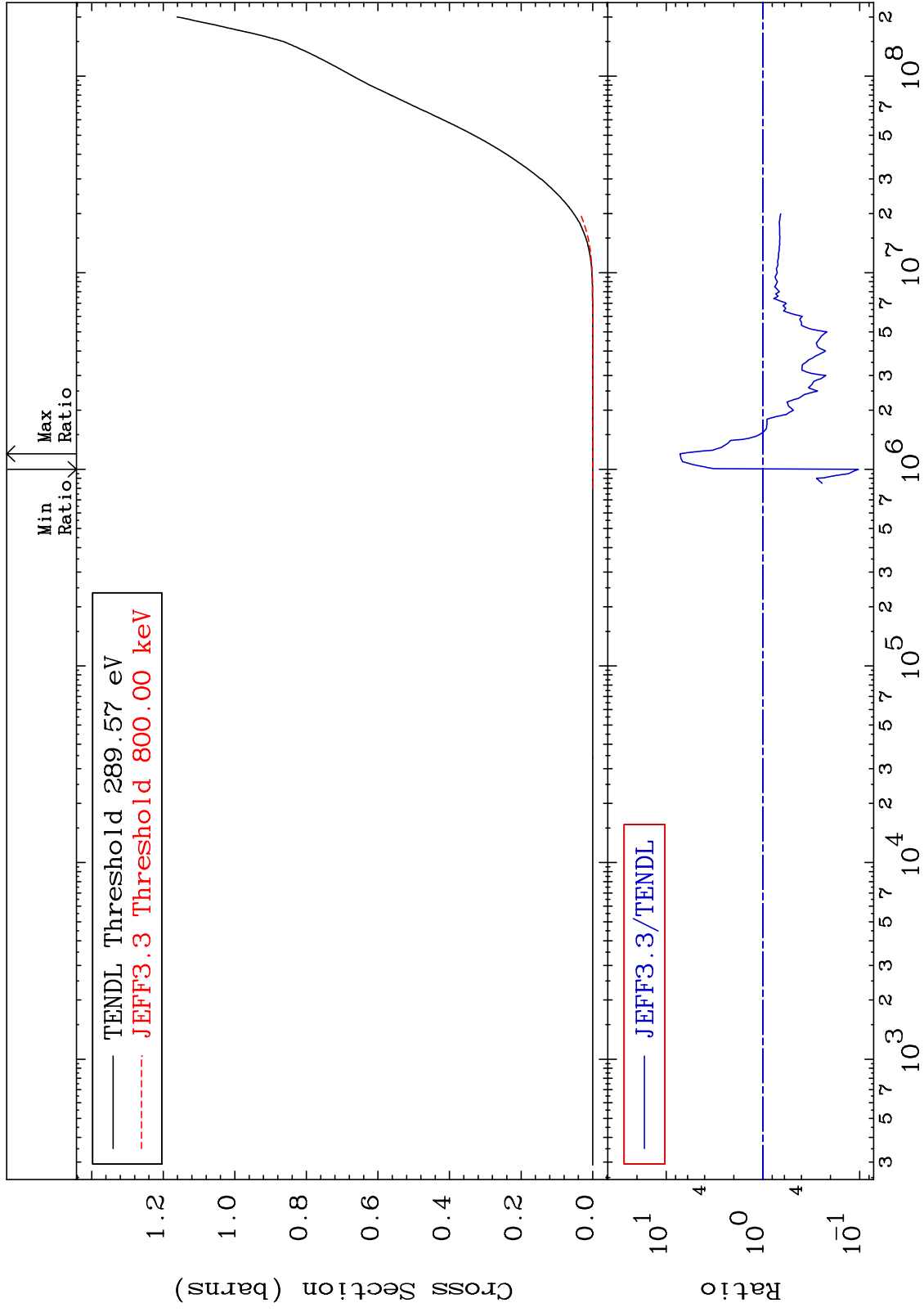
-81.62 To 486.6 %



30

Incident Energy (eV)

68-Er-162

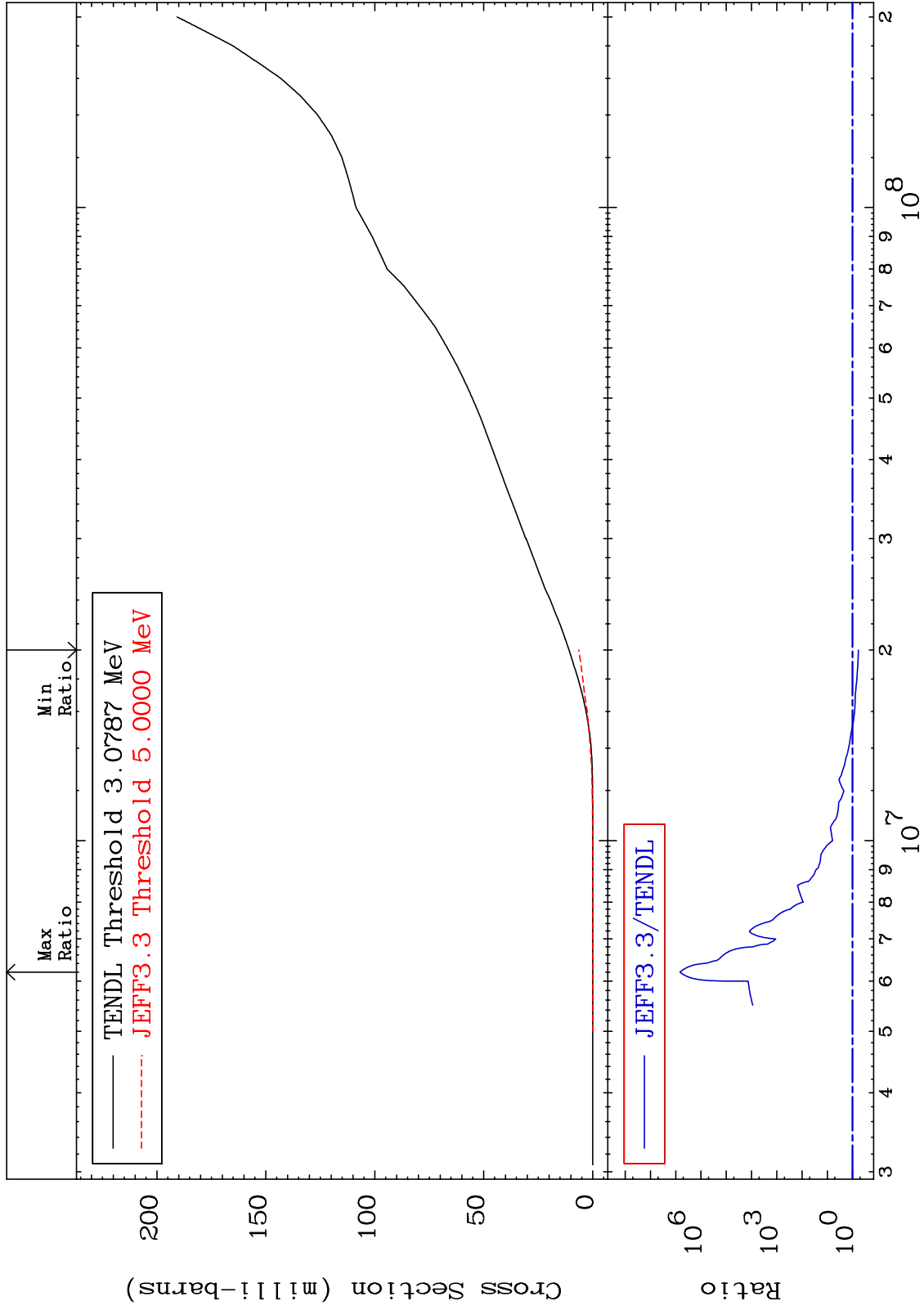


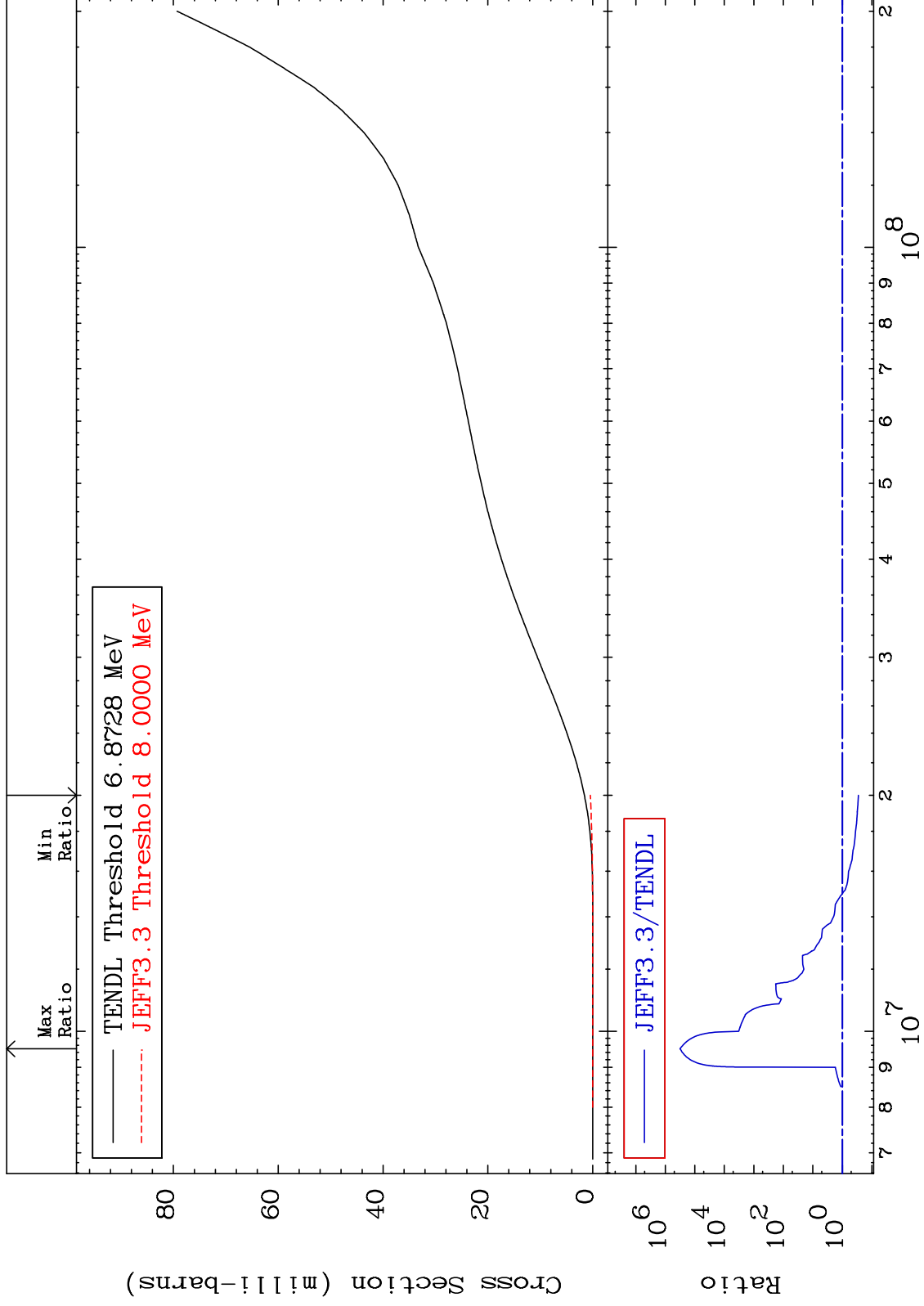


MAT 6825

Deuterium Production  
Cross Section

68-Er-162  
-41.38 To 9999. %

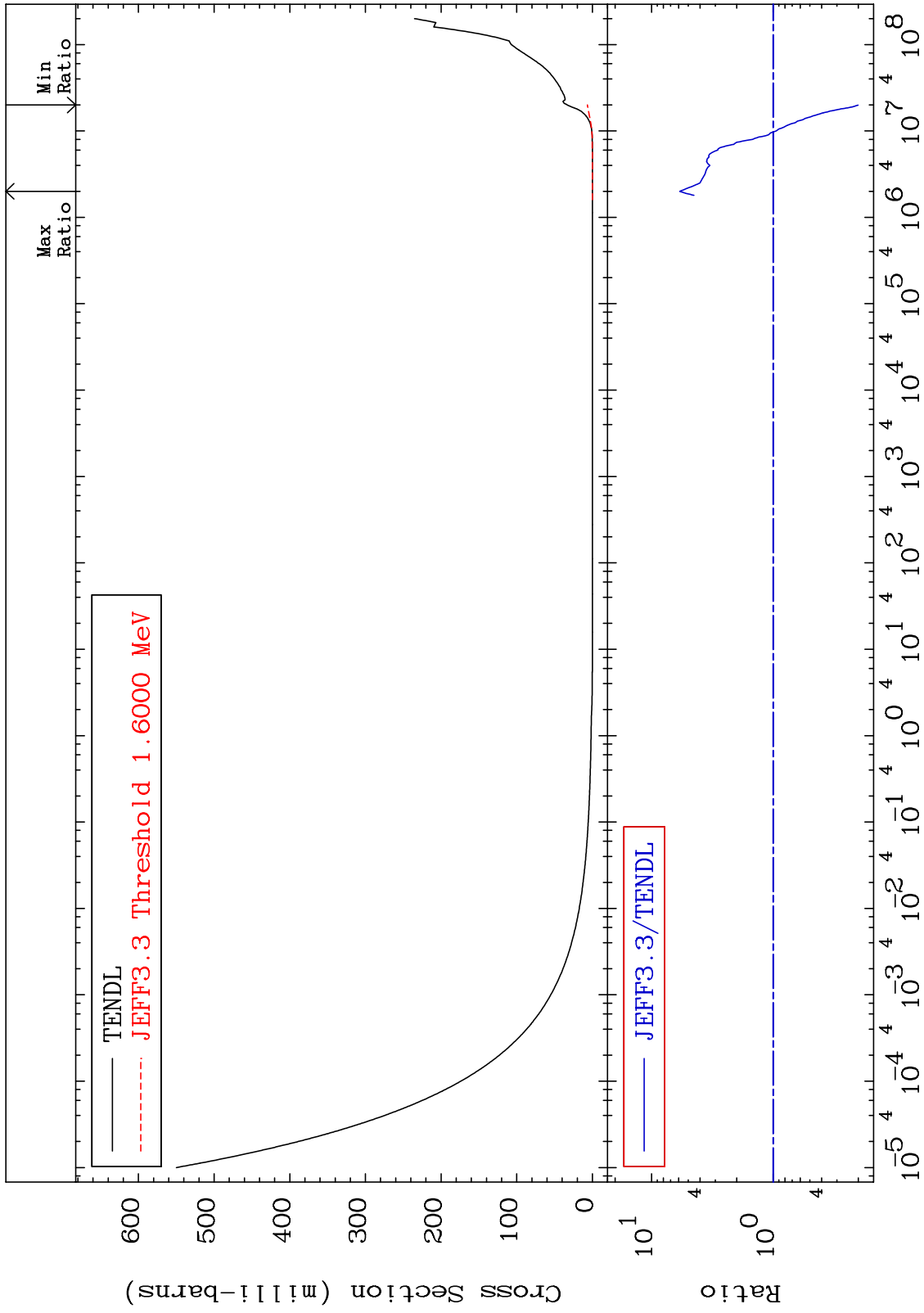




MAT 6825

He-4 Production  
Cross Section

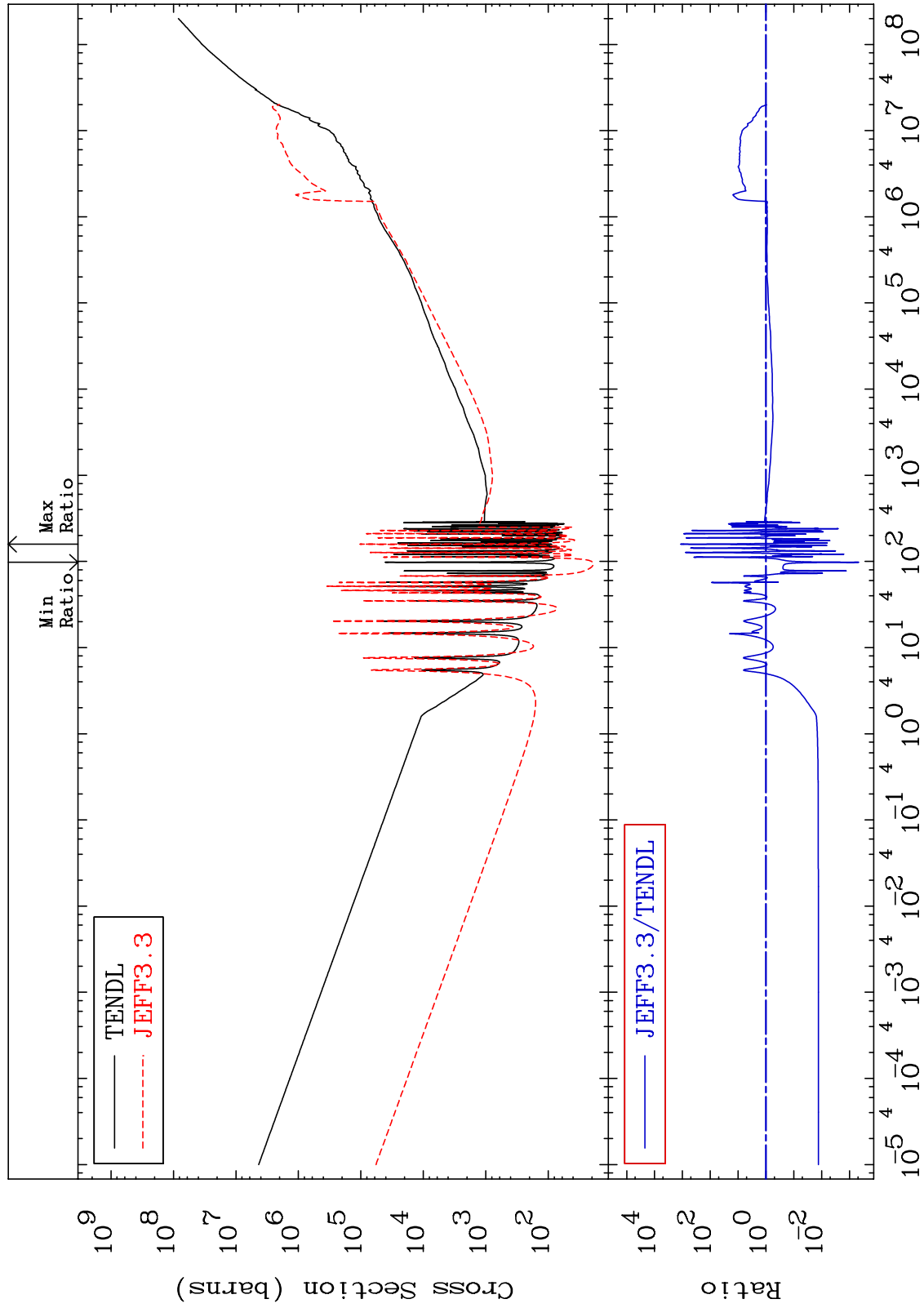
68-Er-162  
-80.05 To 486.6 %



MAT 6825

Kerma total (eV-barns)  
Cross Section

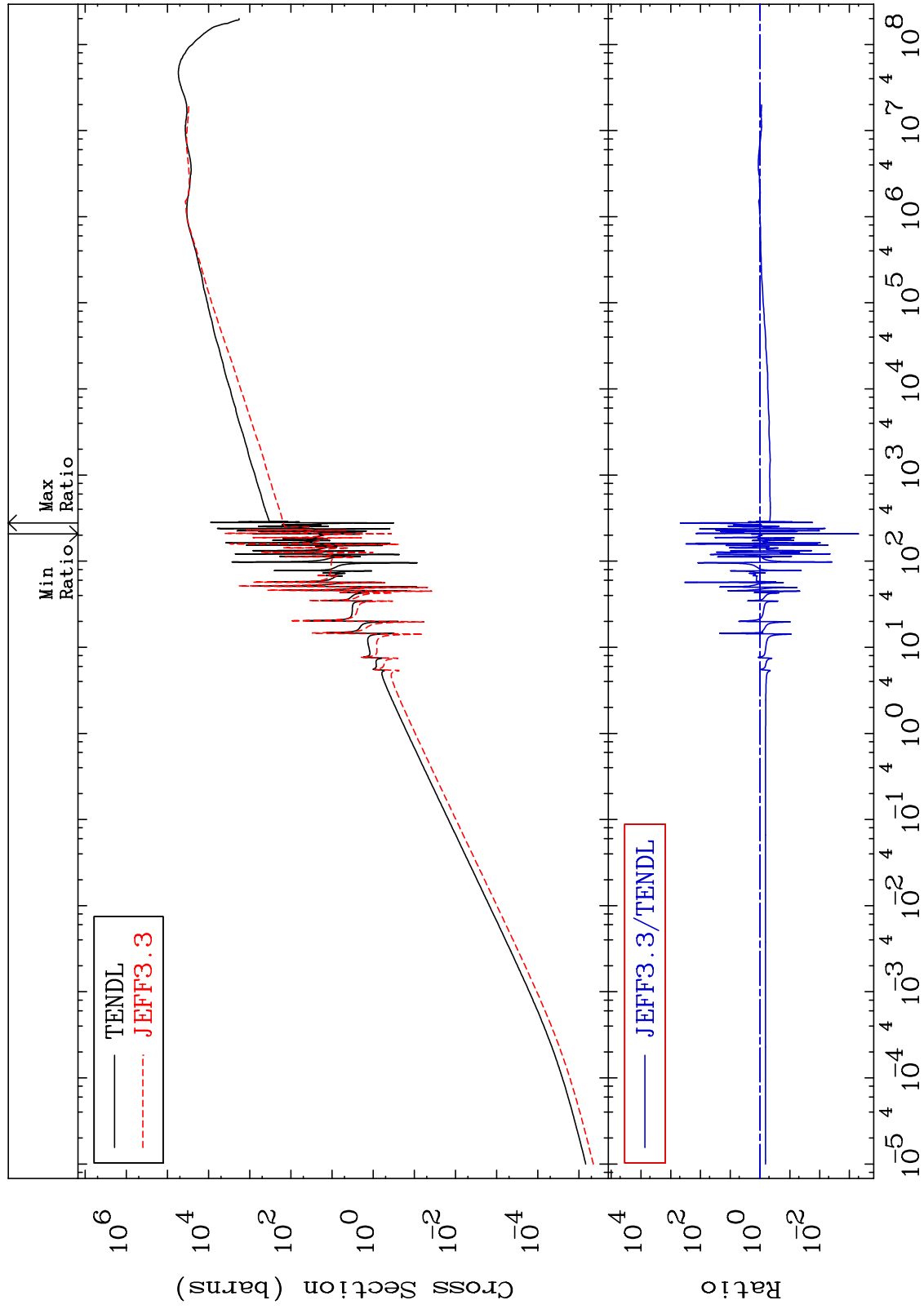
68-Er-162  
-99.95 To 9999. %



MAT 6825

Kerma elastic  
Cross Section

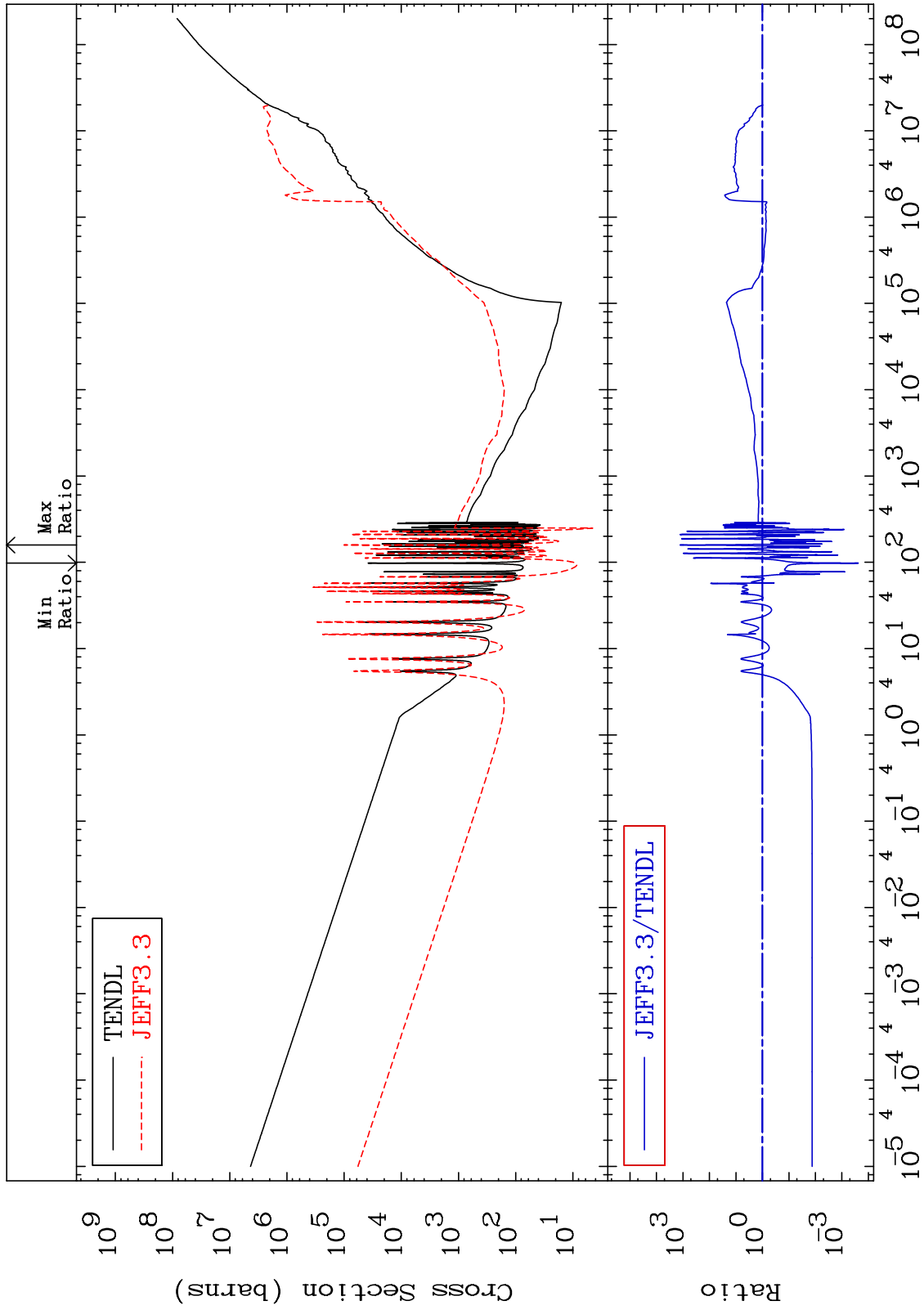
68-Er-162  
-99.95 To 9999. %



MAT 6825

Kerma non-elastic (all but mt2)  
Cross Section

68-Er-162  
-99.98 To 9999. %



37

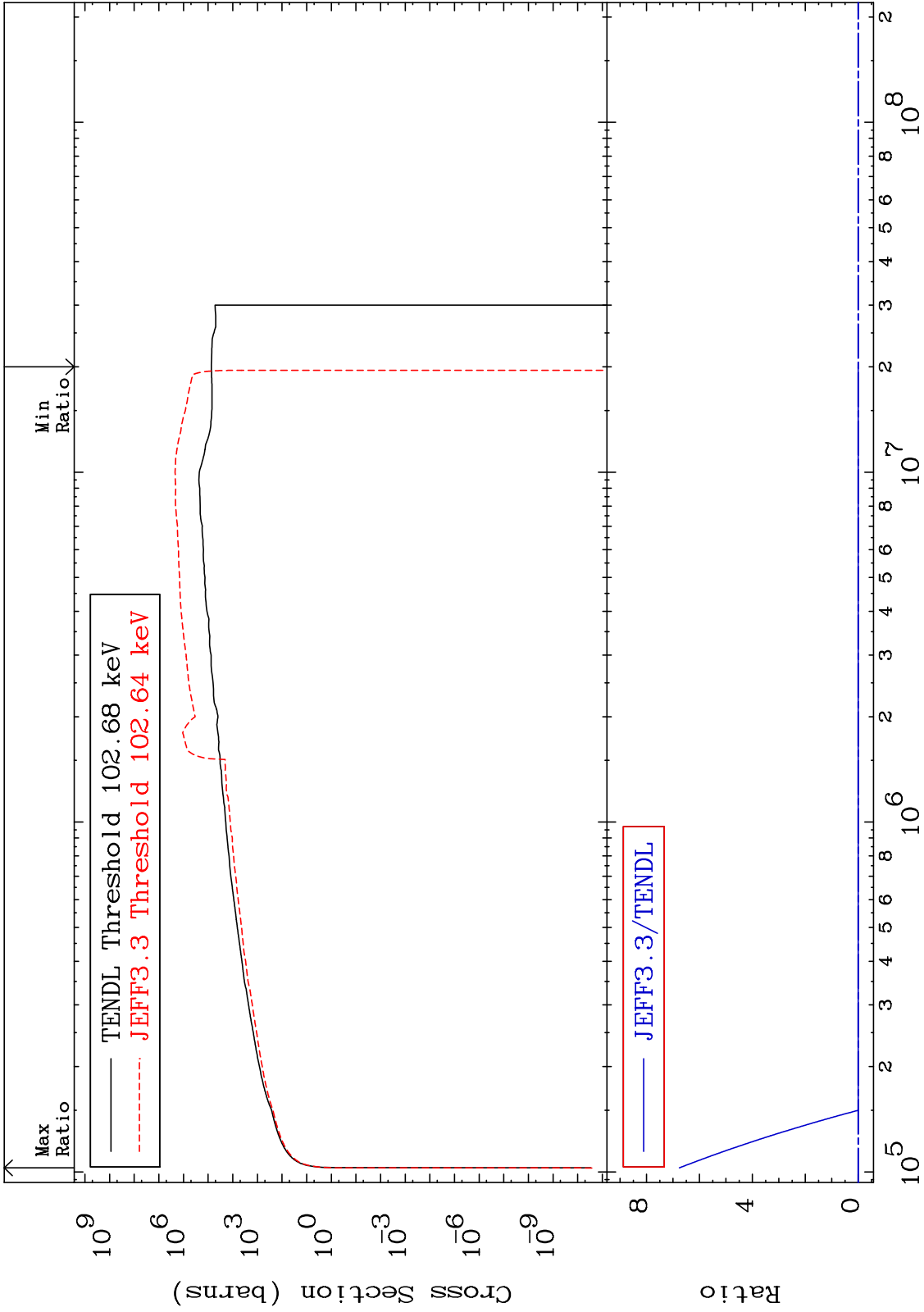
Incident Energy (eV)

68-Er-162

MAT 6825

Kerma inelastic (mt51-91)  
Cross Section

68-Er-162  
-562.4 To 9999. %



38

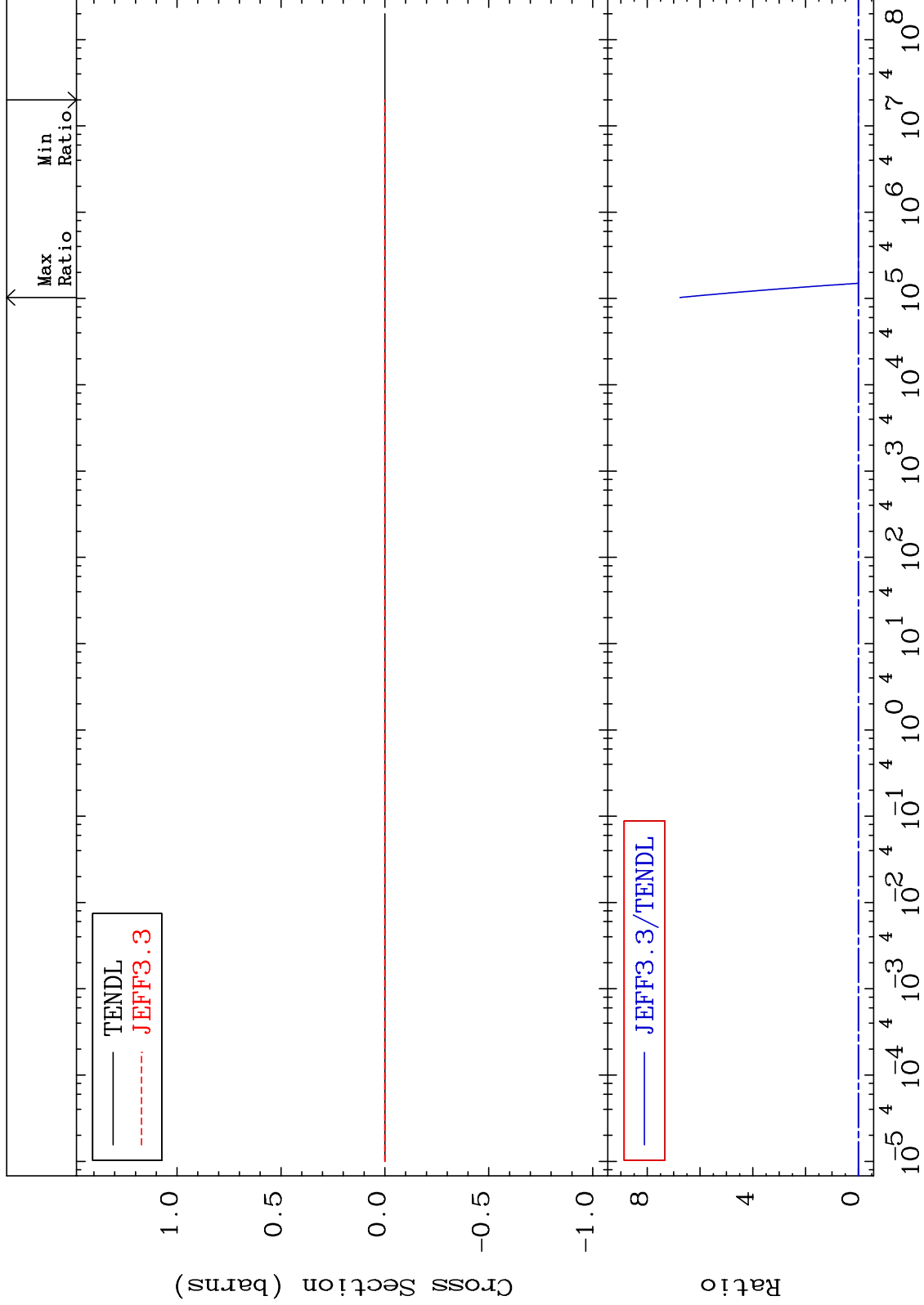
Incident Energy (eV)

68-Er-162

MAT 6825

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

68-Er-162  
-562.4 To 9999. %



39

Incident Energy (eV)

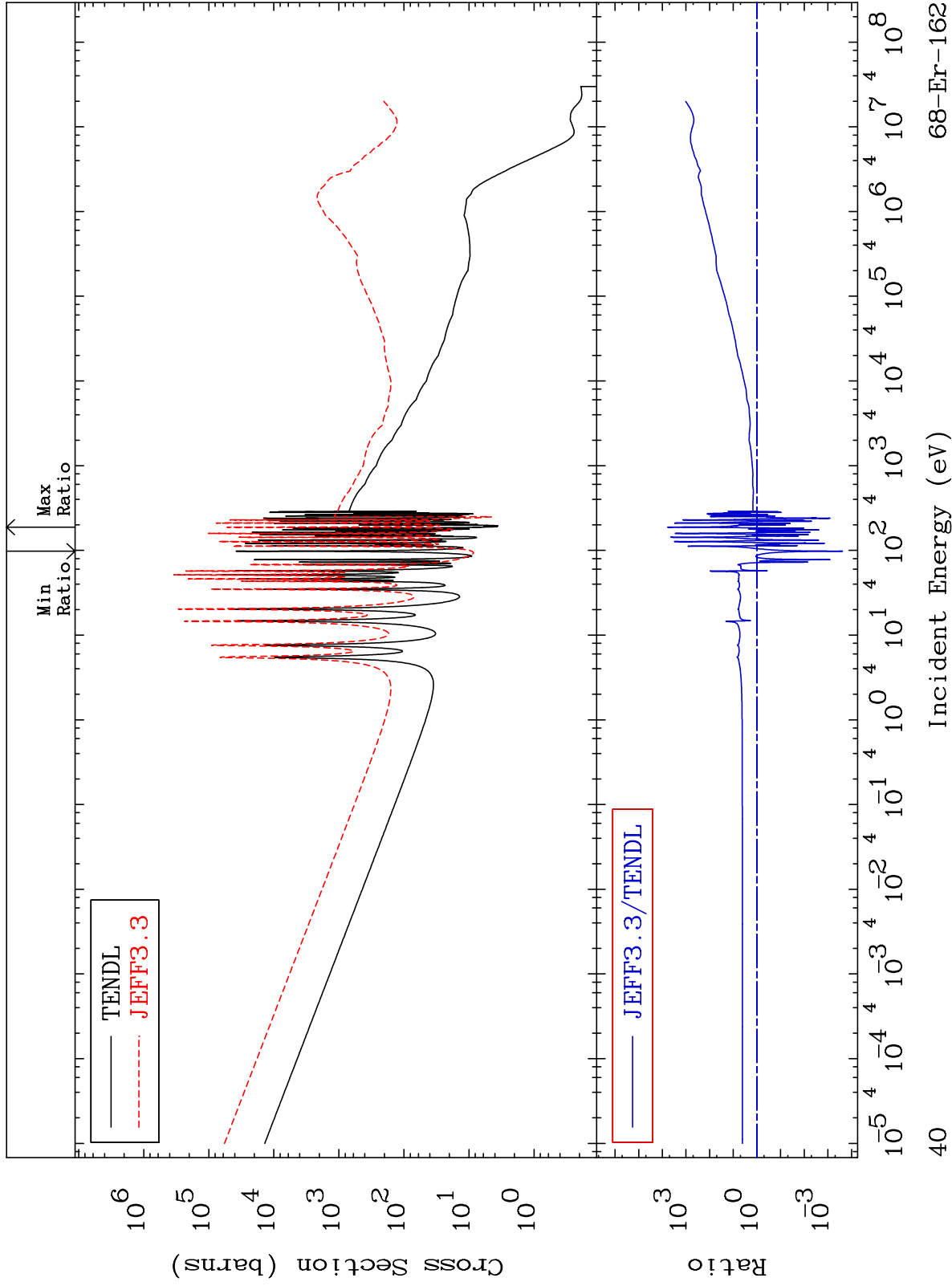
68-Er-162



MAT 6825

Kerma capture (mt102)  
Cross Section

68-Er-162  
-99.98 To 9999. %



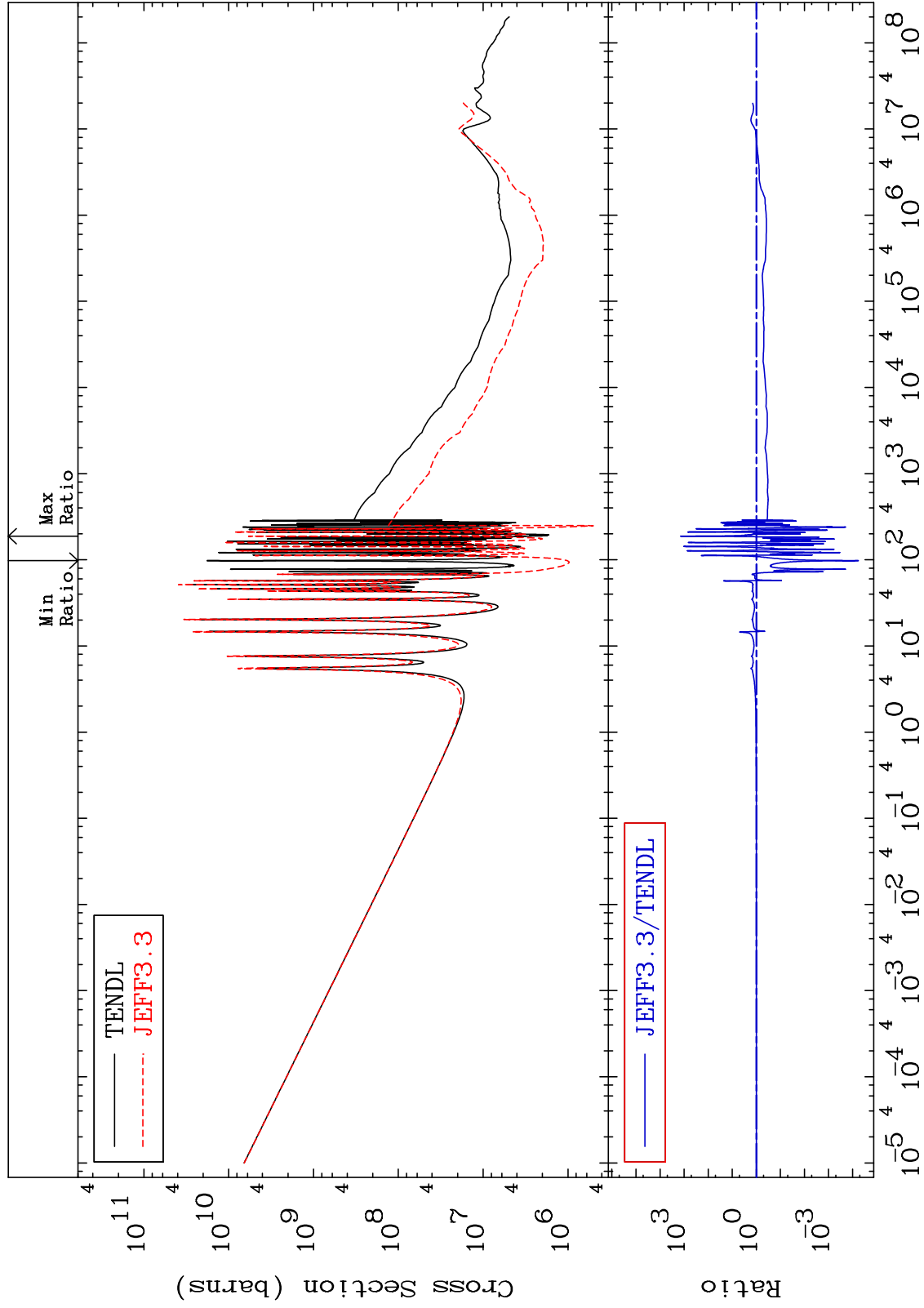
40

68-Er-162

MAT 6825

Total photon (eV-barns)  
Cross Section

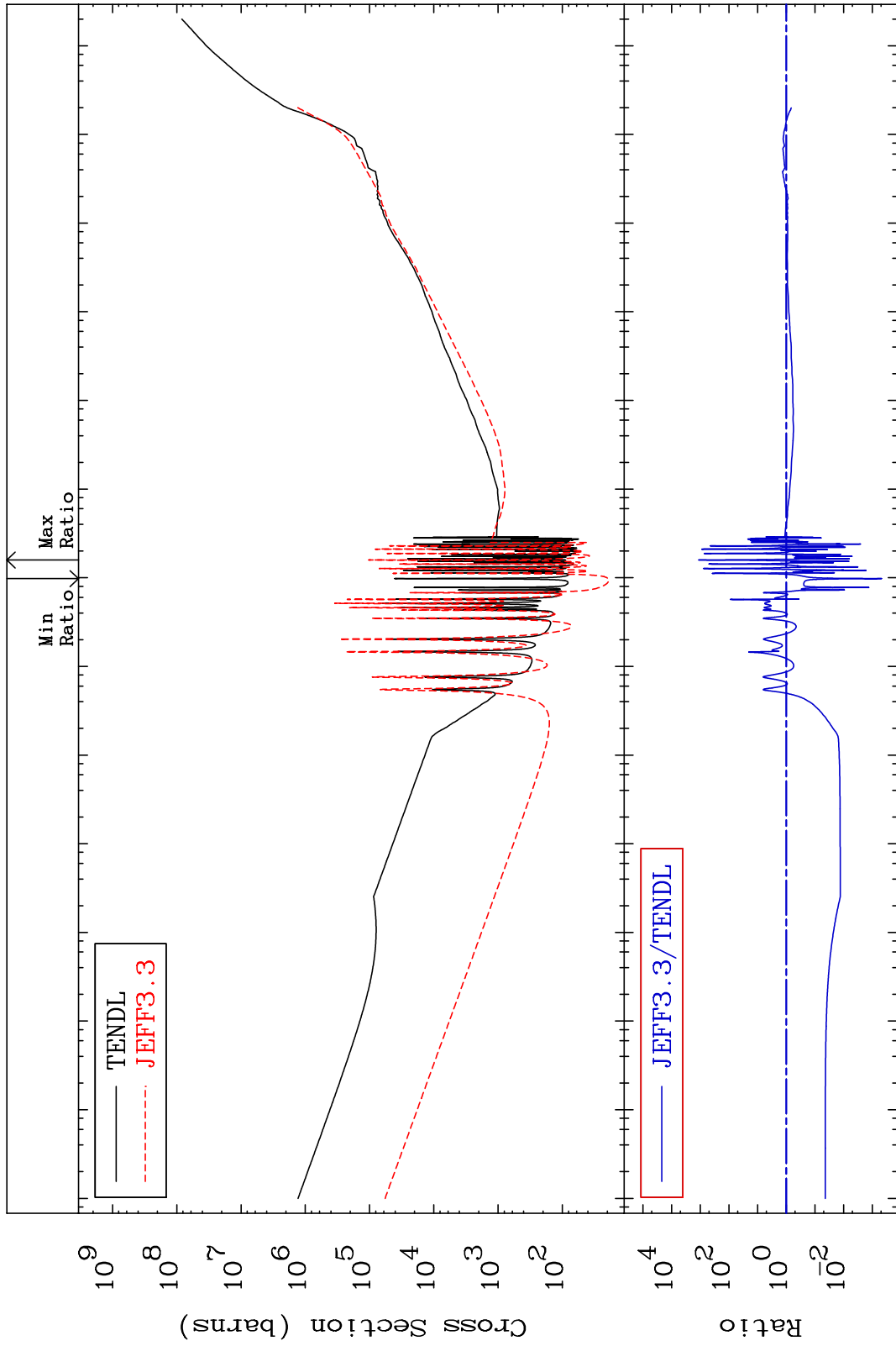
68-Er-162  
-99.99 To 9999. %



MAT 6825

Total kinematic kerma (high limit)  
Cross Section

68-Er-162  
-99.95 To 9999. %



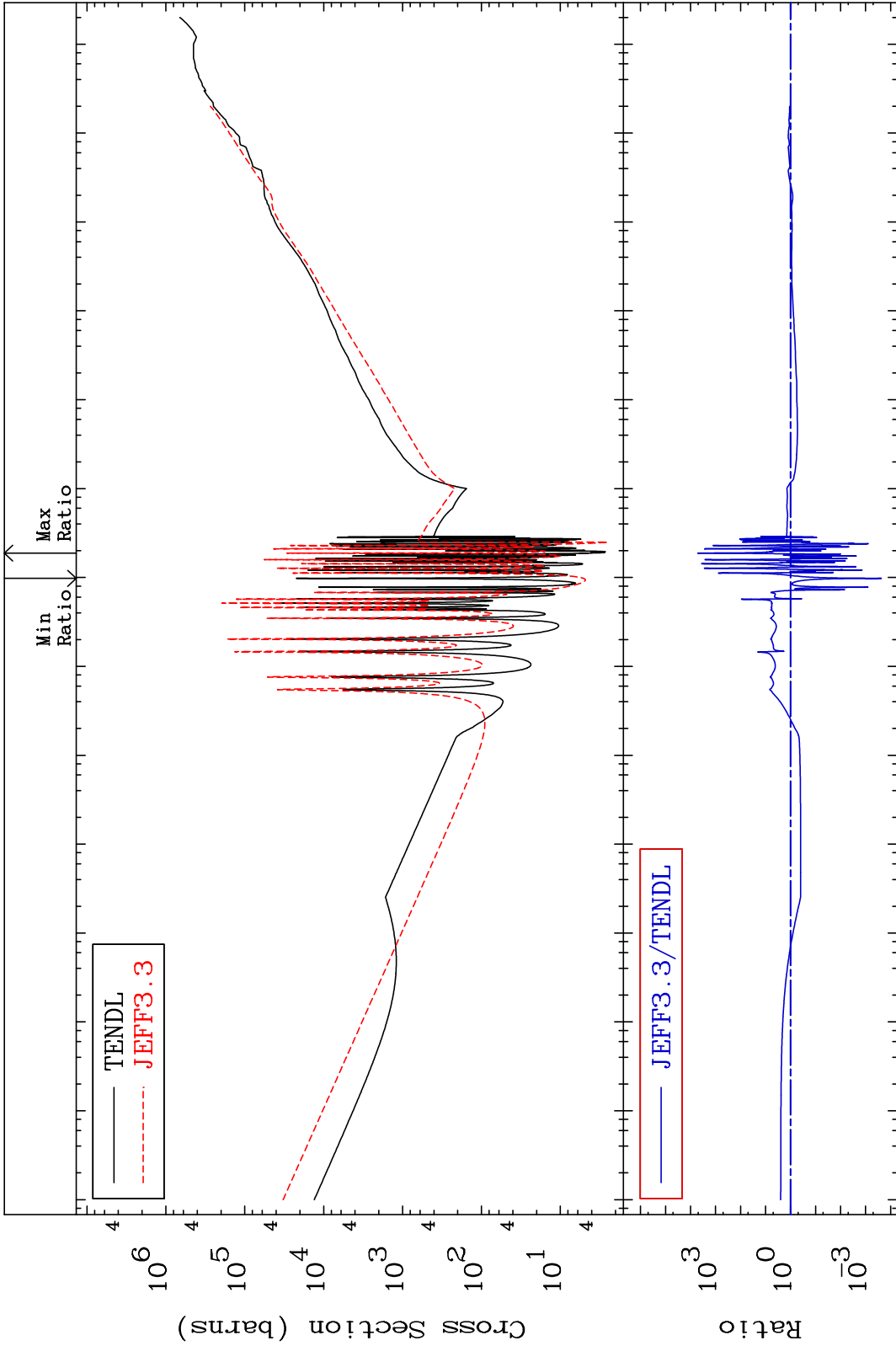
MAT 6825

Dpa total (eV-barns)

68-Er-162

-99.98 To 9999. %

Cross Section



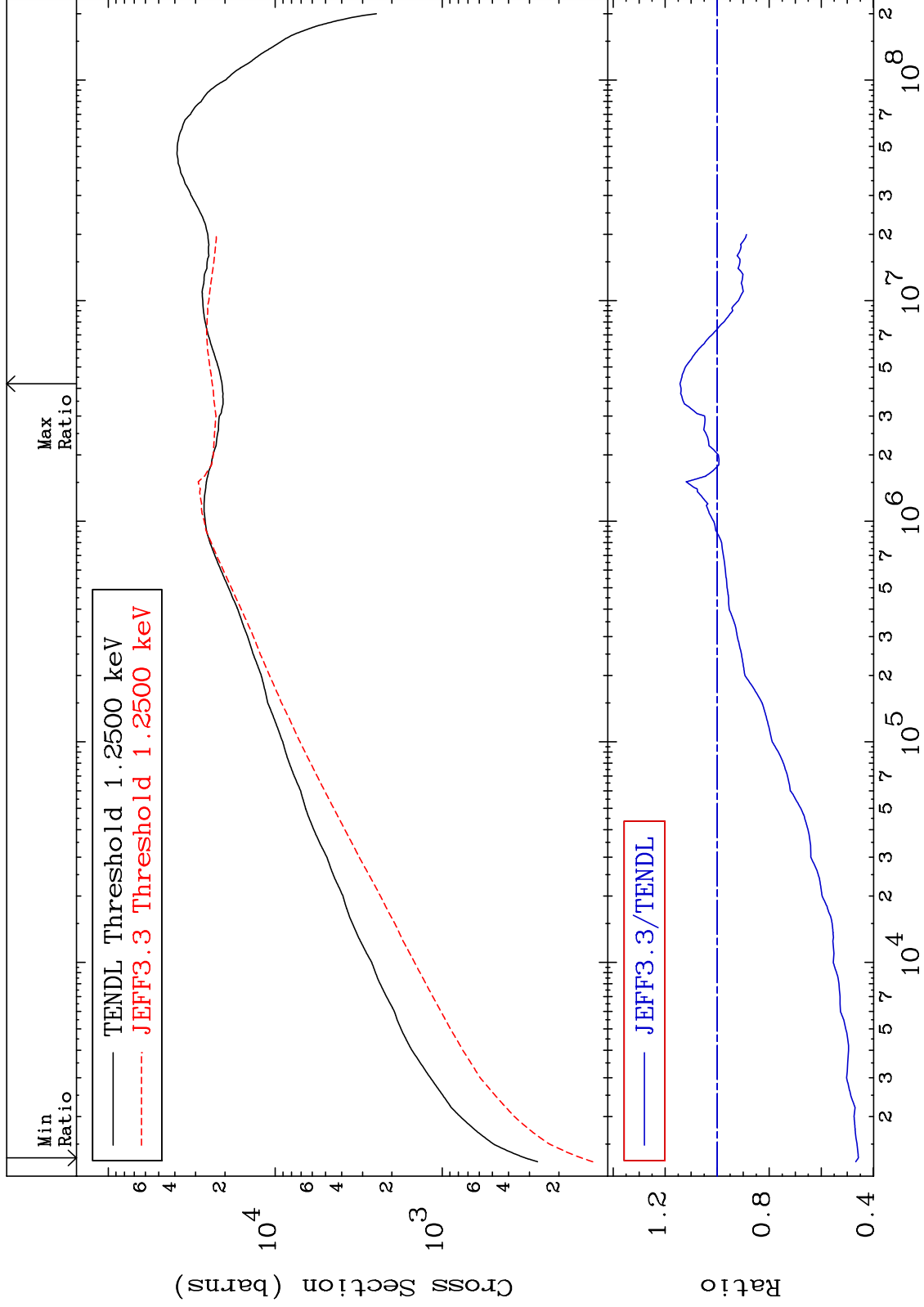
TENDL  
JEFF3.3

JEFF3.3/TENDL

MAT 6825

Dpa elastic (mt2)  
Cross Section

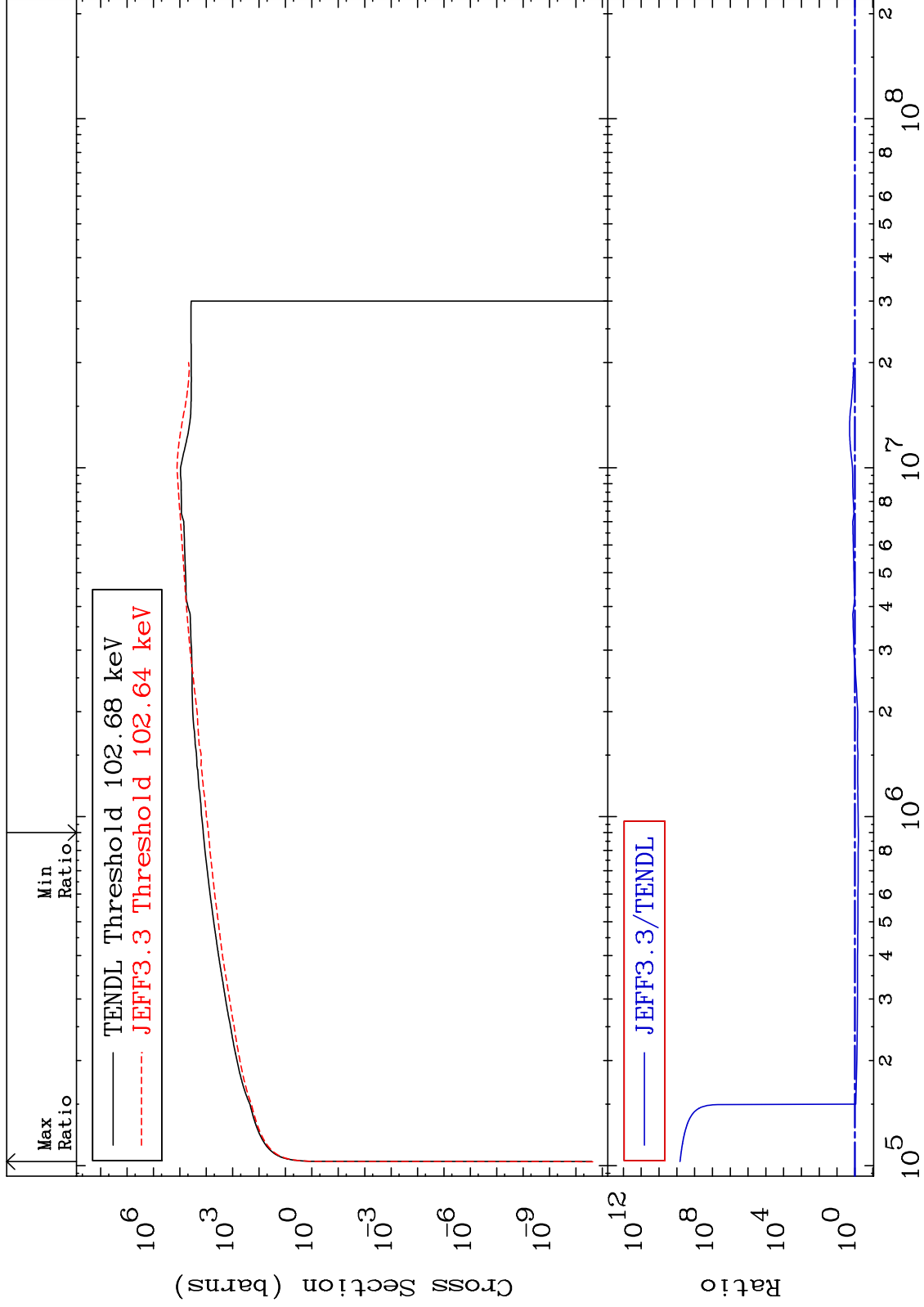
68-Er-162  
-54.29 To 14.28 %



MAT 6825

Dpa inelastic (mt51-91)  
Cross Section

68-Er-162  
-36.73 To 9999. %



Incident Energy (eV)

68-Er-162

45

MAT 6825

Dpa disappearance (mt102 -120)  
Cross Section

68-Er-162  
-99.98 To 9999. %

