

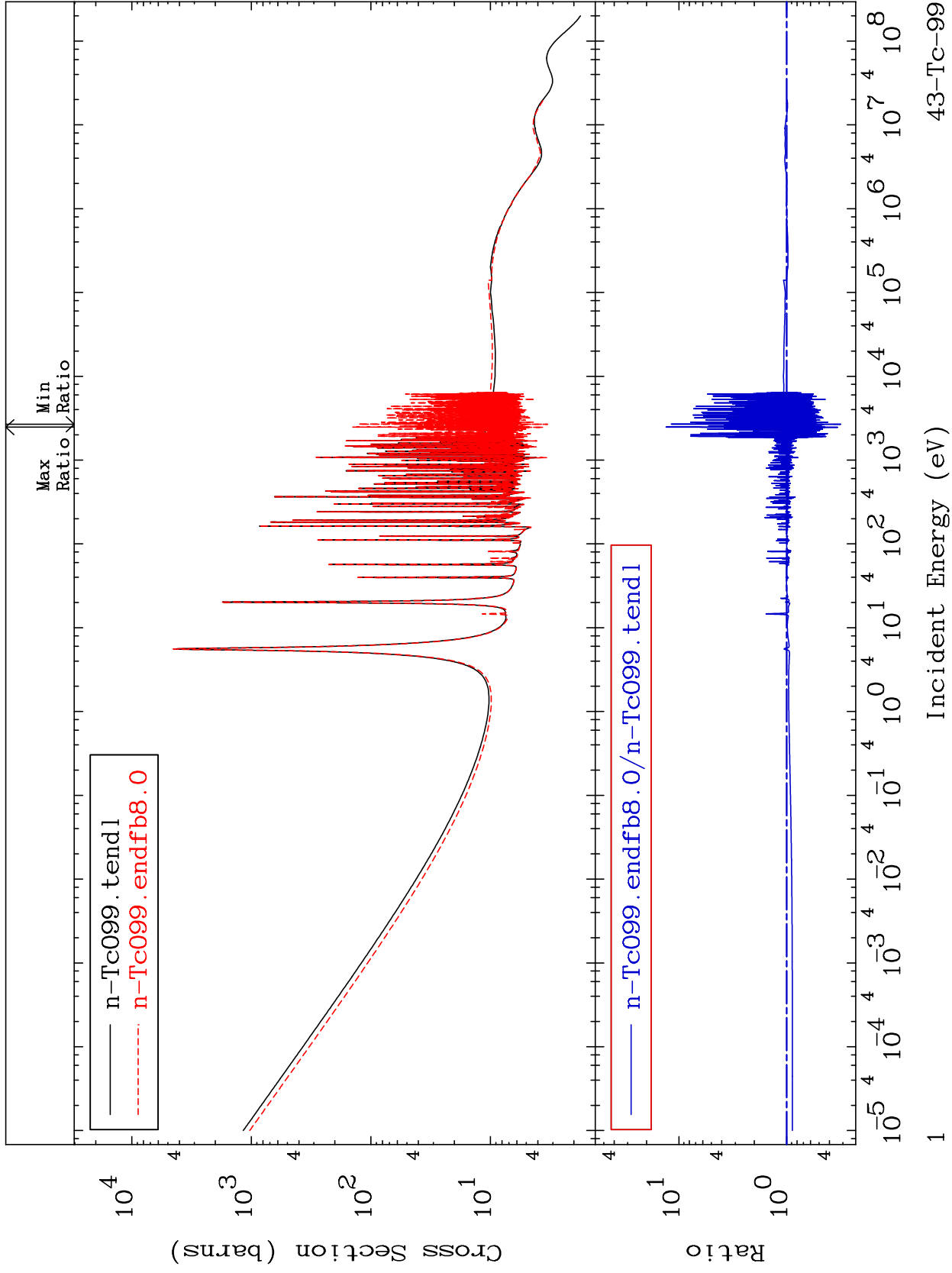
MAT 4325

Total

43-Tc-99

Cross Section

-68.65 To 1221. %



Incident Energy (eV)

43-Tc-99

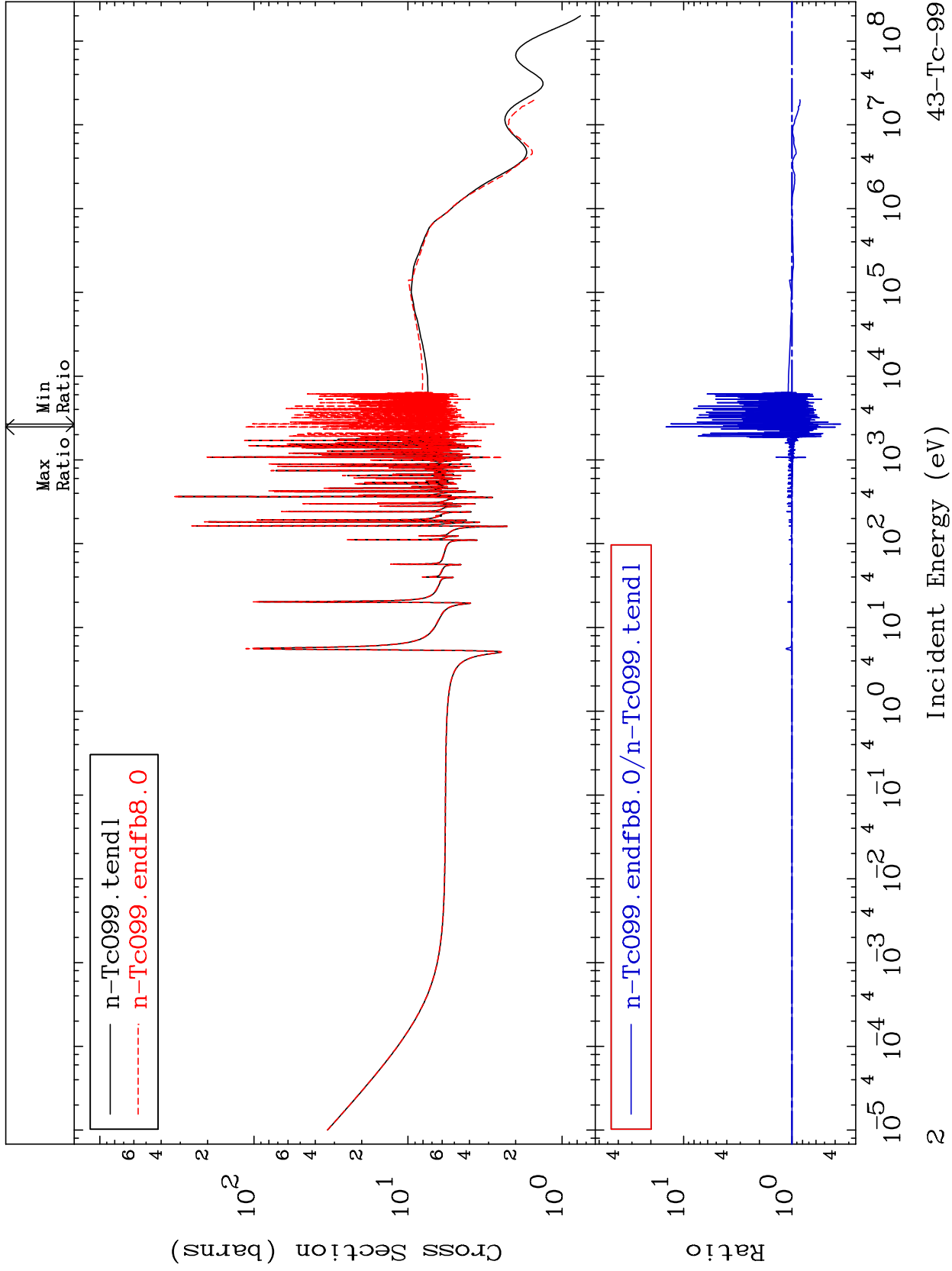
MAT 4325

Elastic

Cross Section

43-Tc-99

-64.56 To 1353. %

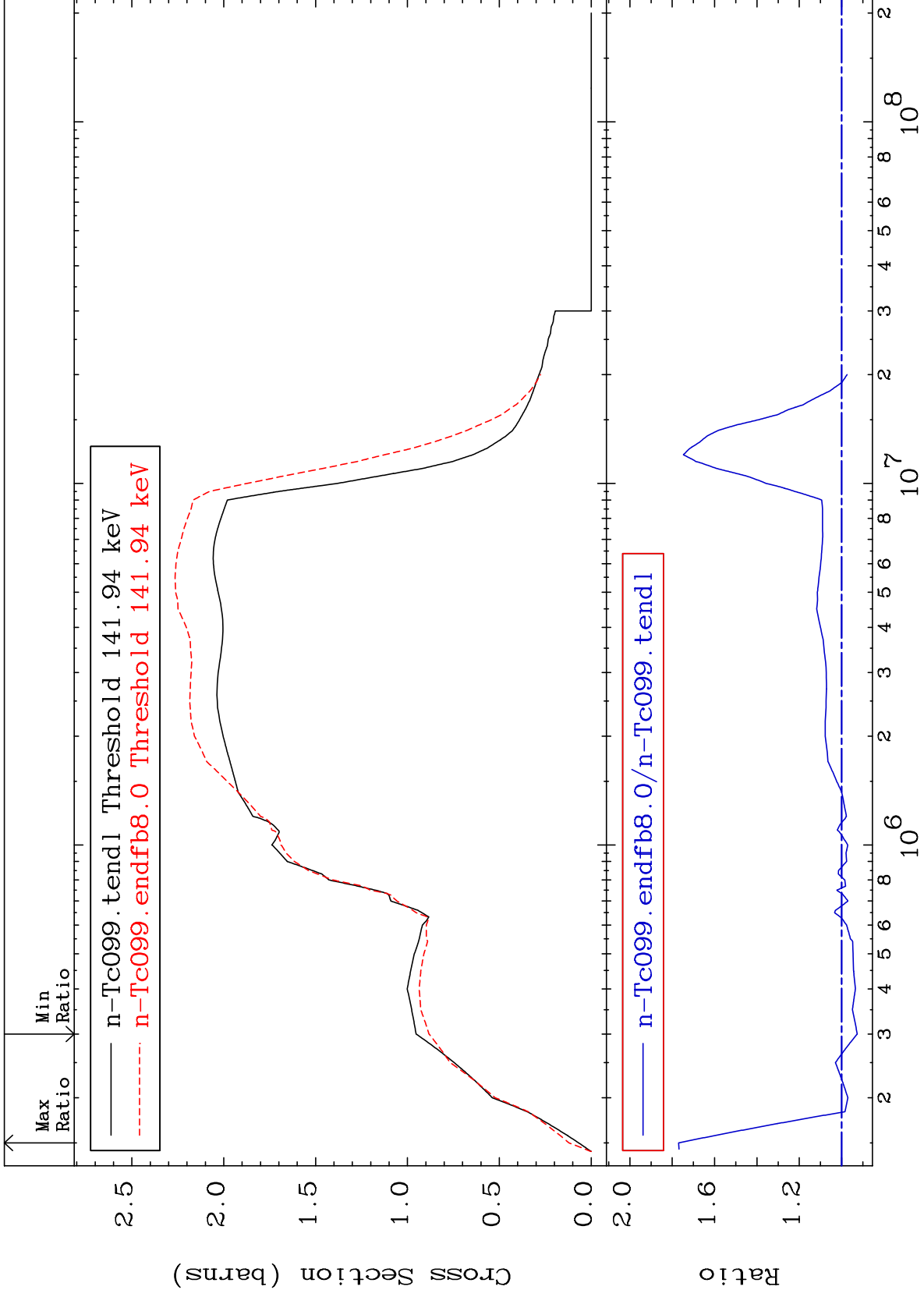


43-Tc-99

MAT 4325

Inelastic  
Cross Section

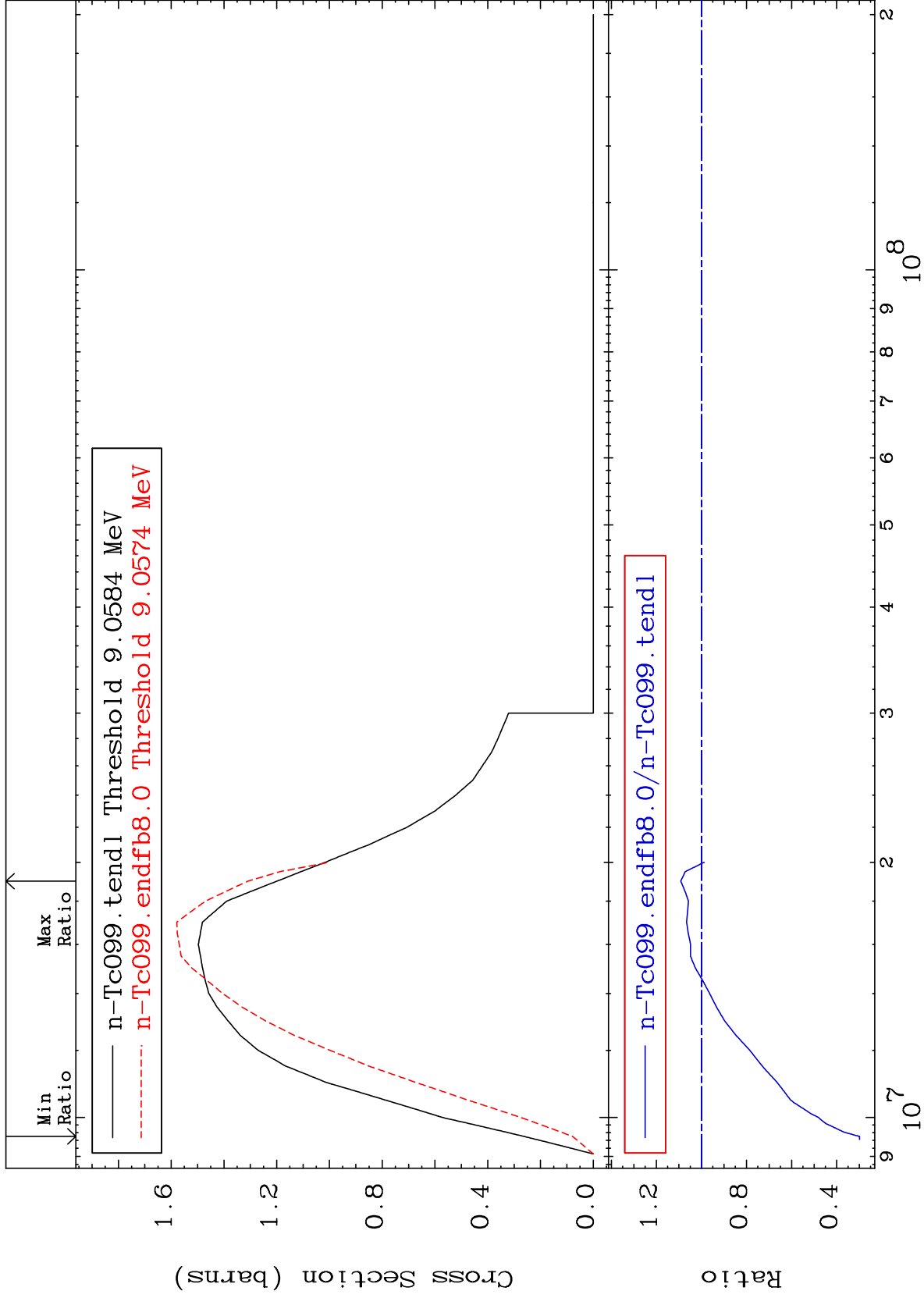
43-Tc-99  
-7.369 To 76.98 %



MAT 4325

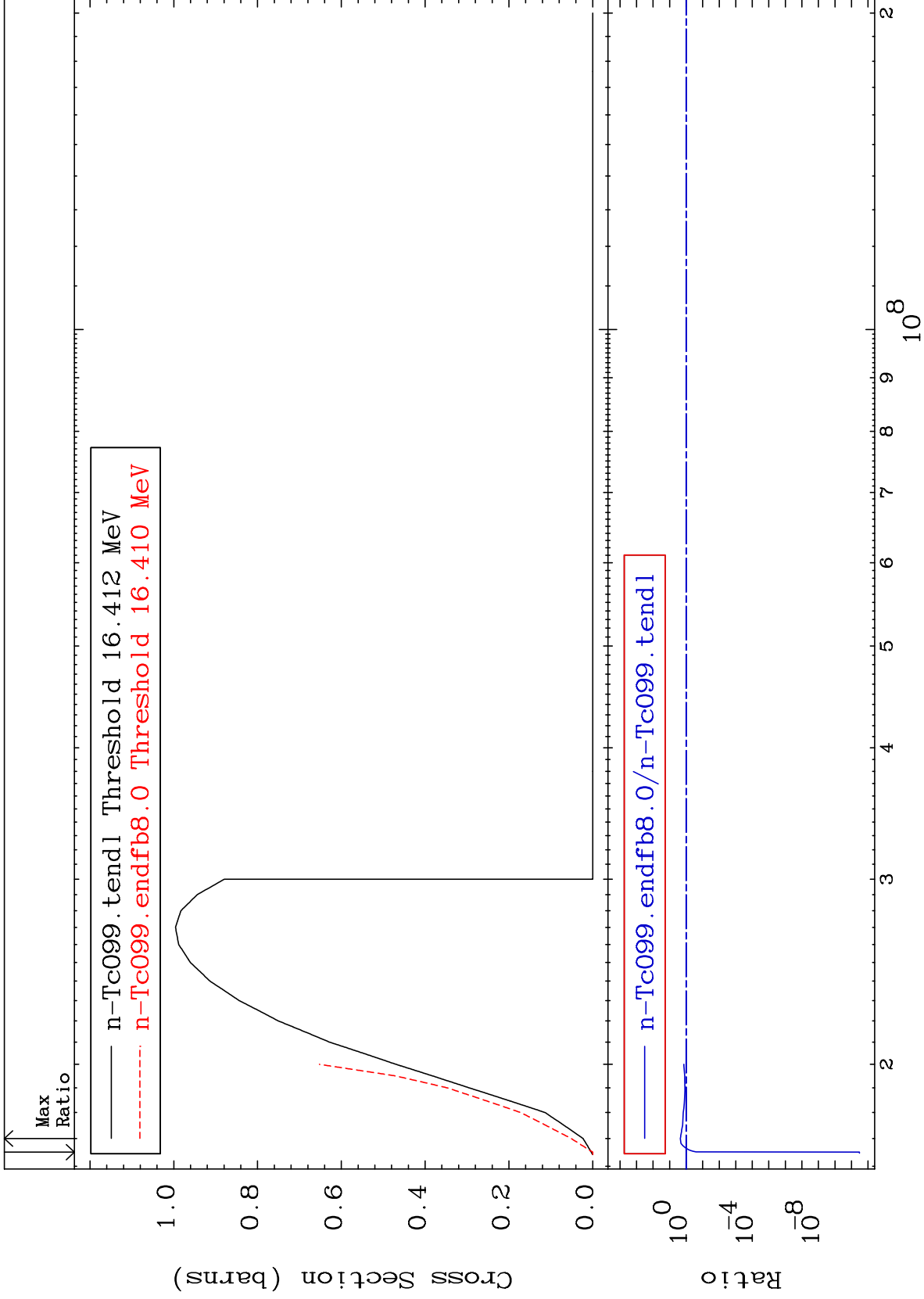
(n,2n)  
Cross Section

43-Tc-99  
-70.12 To 9.191 %



43-Tc-99

43-Tc-99



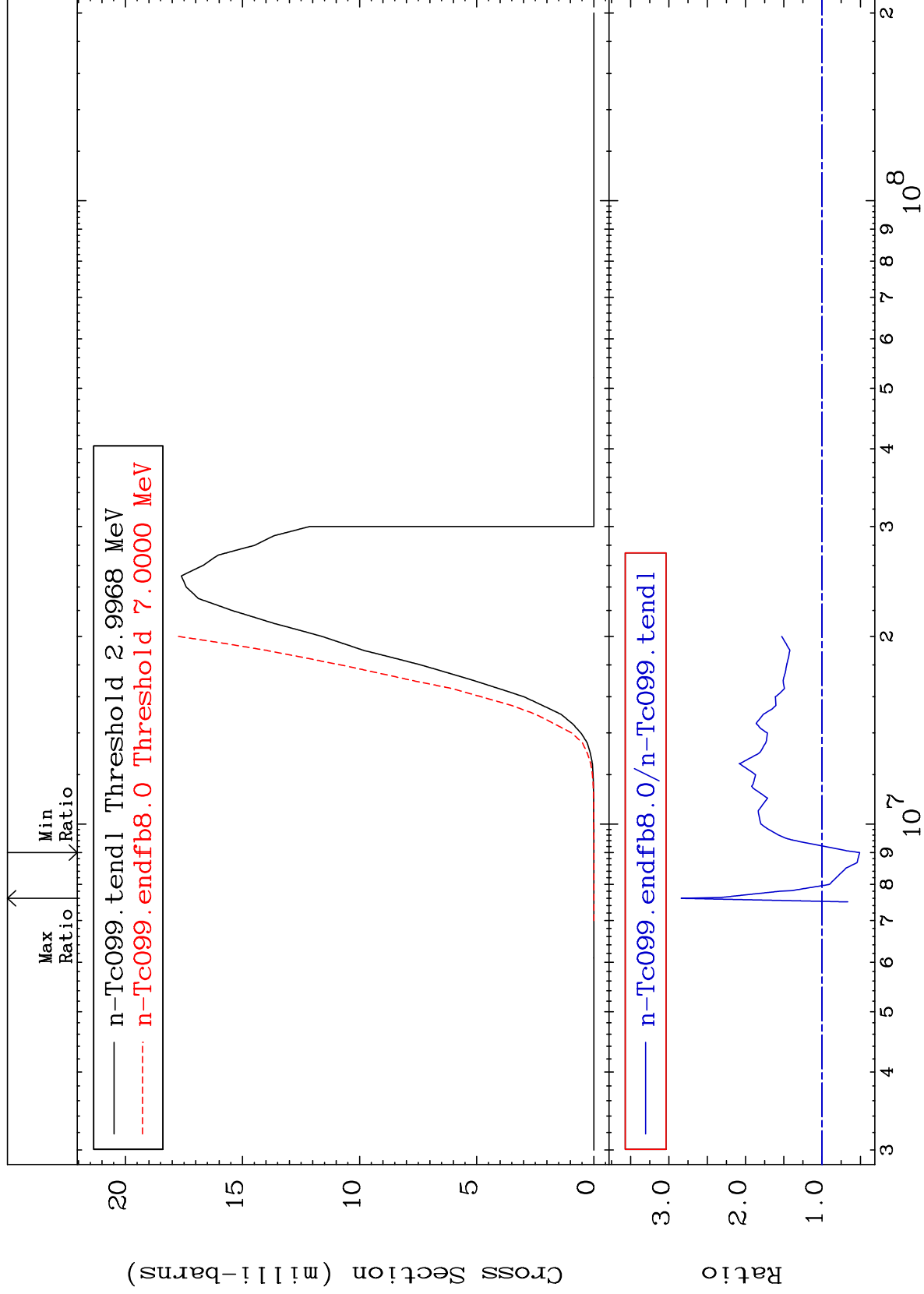
MAT 4325

(n, n')  $\alpha$

43-Tc-99

Cross Section

-49.05 To 184.0 %



6

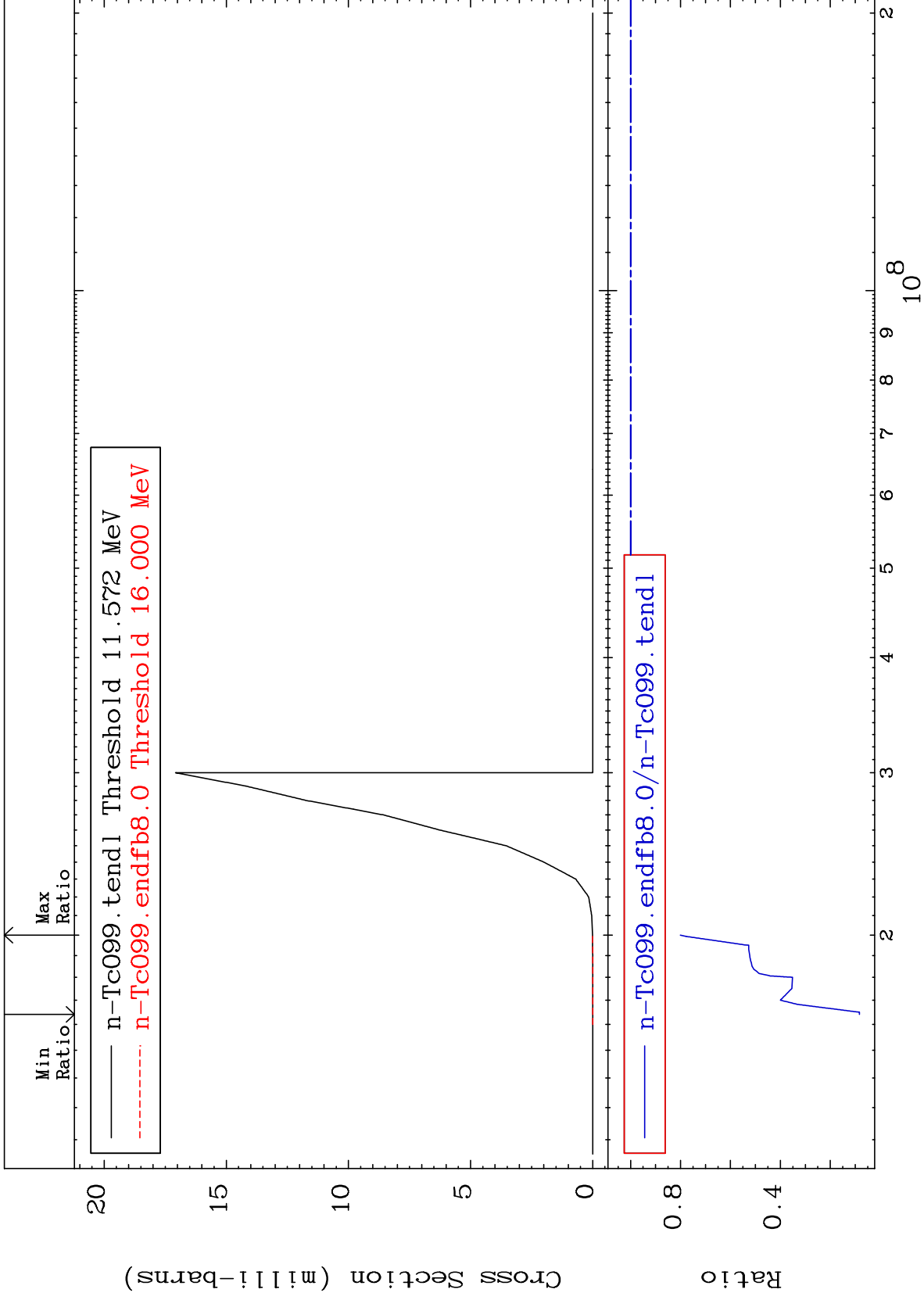
Incident Energy (eV)

43-Tc-99

MAT 4325

(n,2n)  $\alpha$   
Cross Section

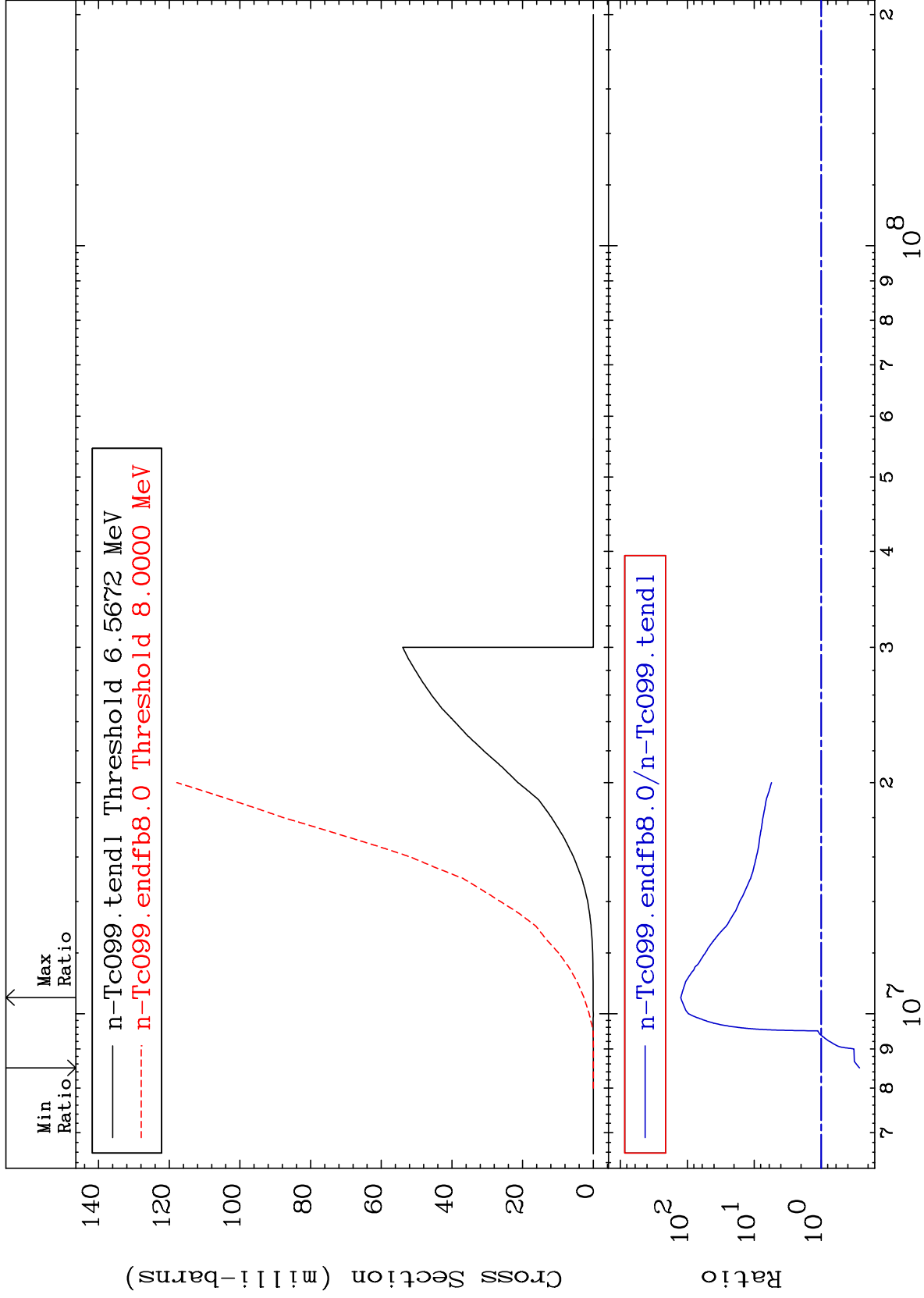
43-Tc-99  
-91.67 To -19.94%



MAT 4325

(n,n') p  
Cross Section

43-Tc-99  
-73.20 To 9999. %



8

Incident Energy (eV)

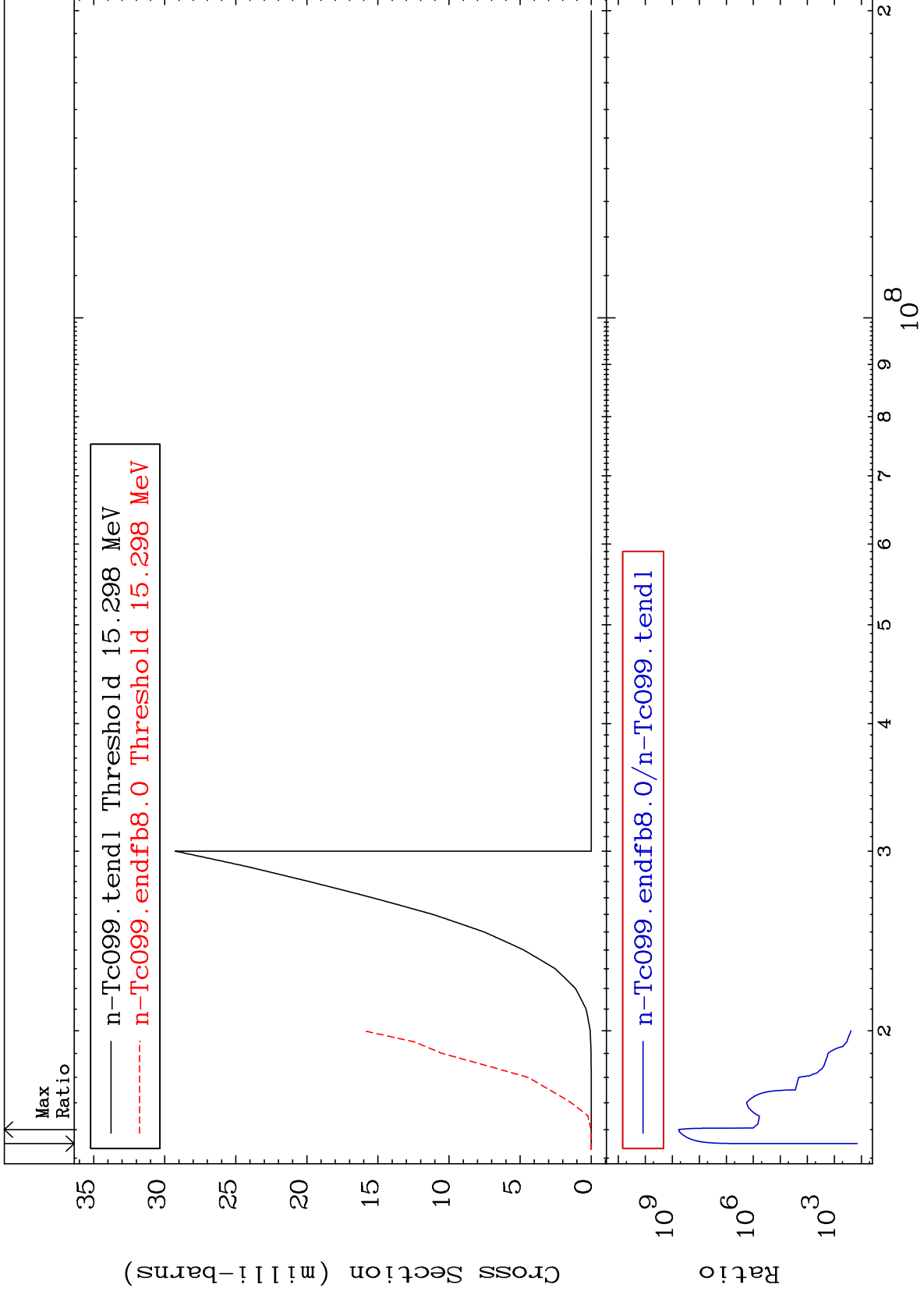
43-Tc-99



MAT 4325

(n,2n) p  
Cross Section

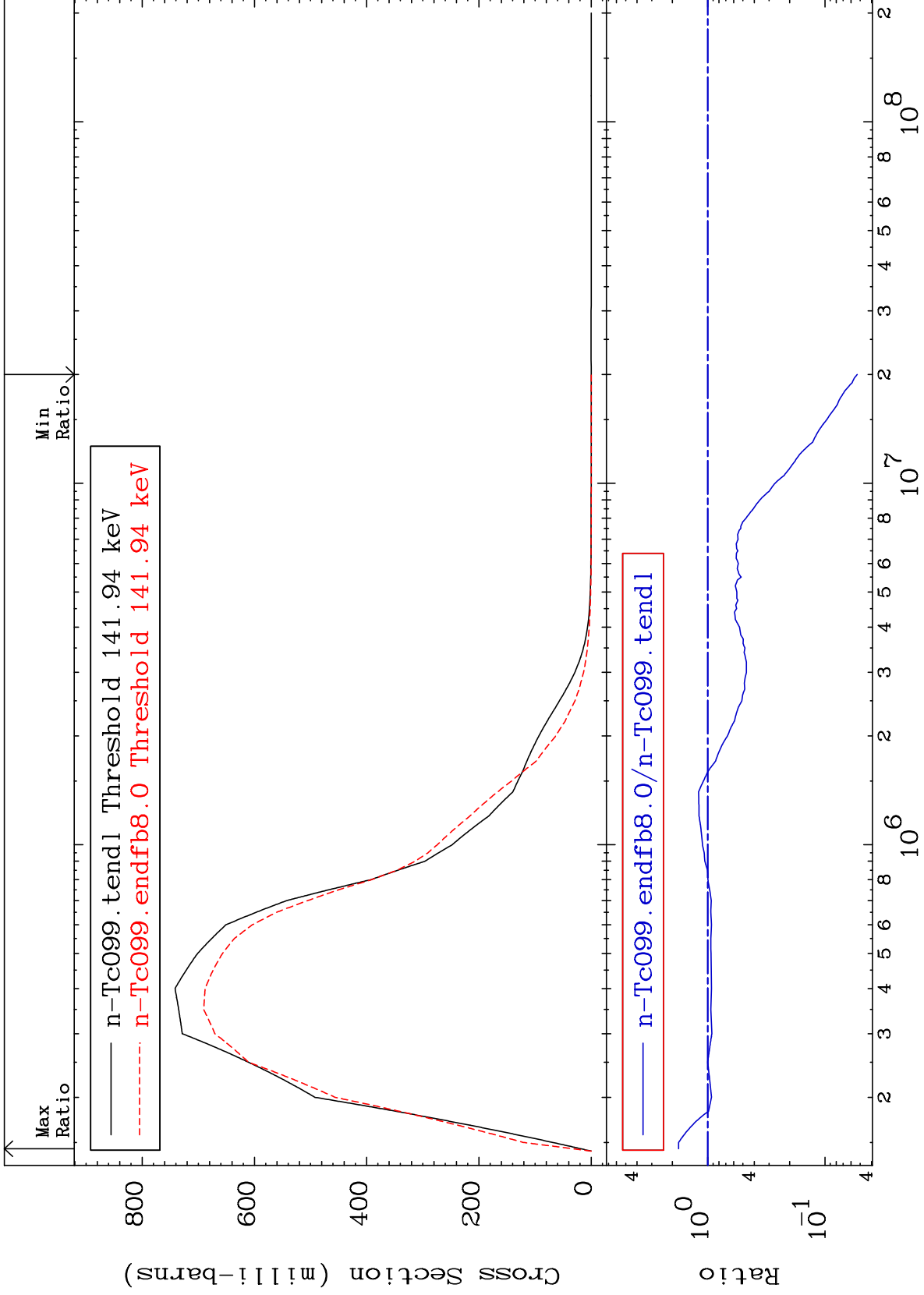
43-Tc-99  
9999. To 9999. %



MAT 4325

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

43-Tc-99  
-94.70 To 76.77 %



10

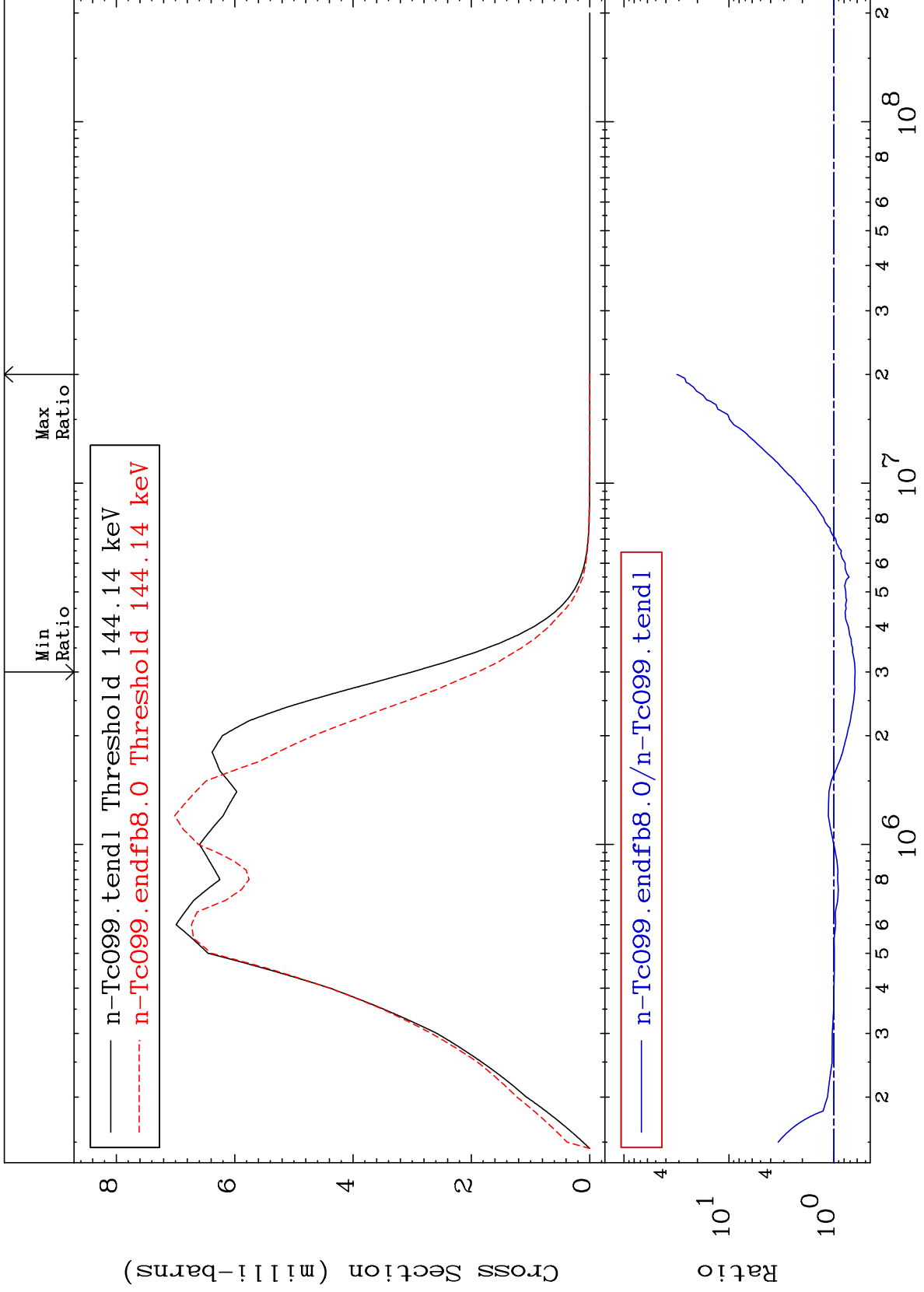
Incident Energy (eV)

43-Tc-99

MAT 4325

MT= 52 (n,n') Level  
Cross Section

43-Tc-99  
-37.15 To 3035. %



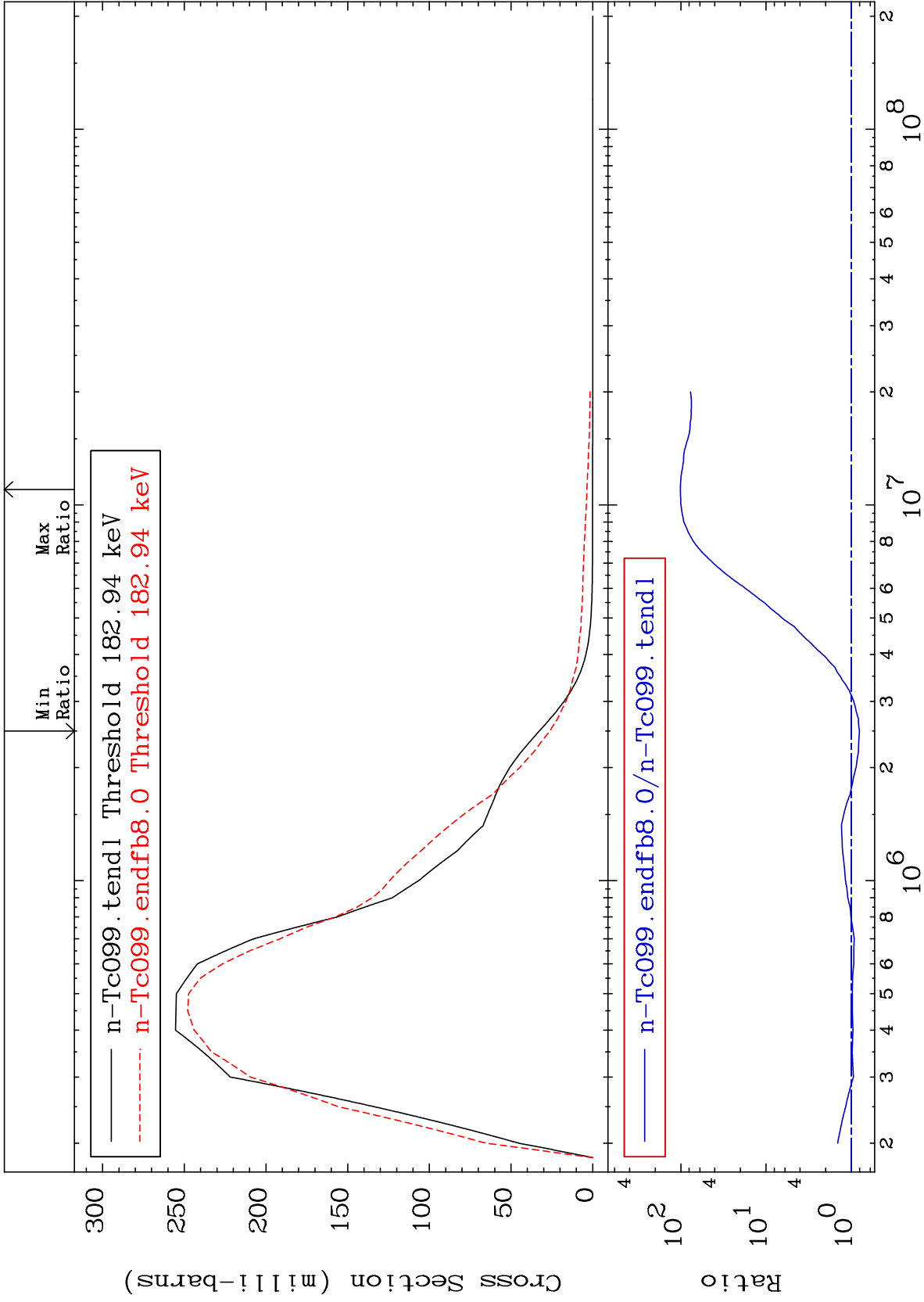
11

43-Tc-99

MAT 4325

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

43-Tc-99  
-19.76 To 9999. %



12

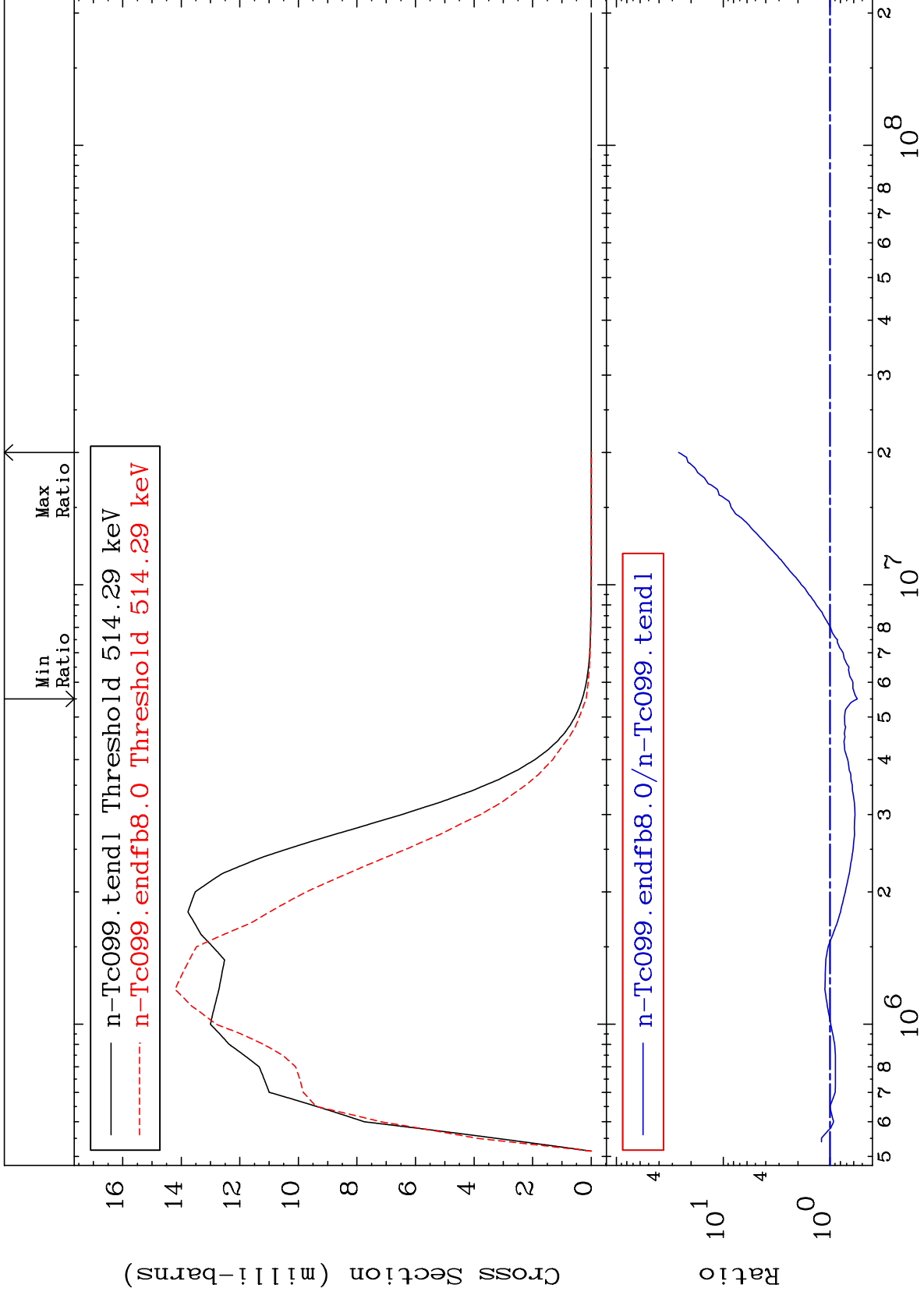
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99  
-44.38 To 2516. %



13

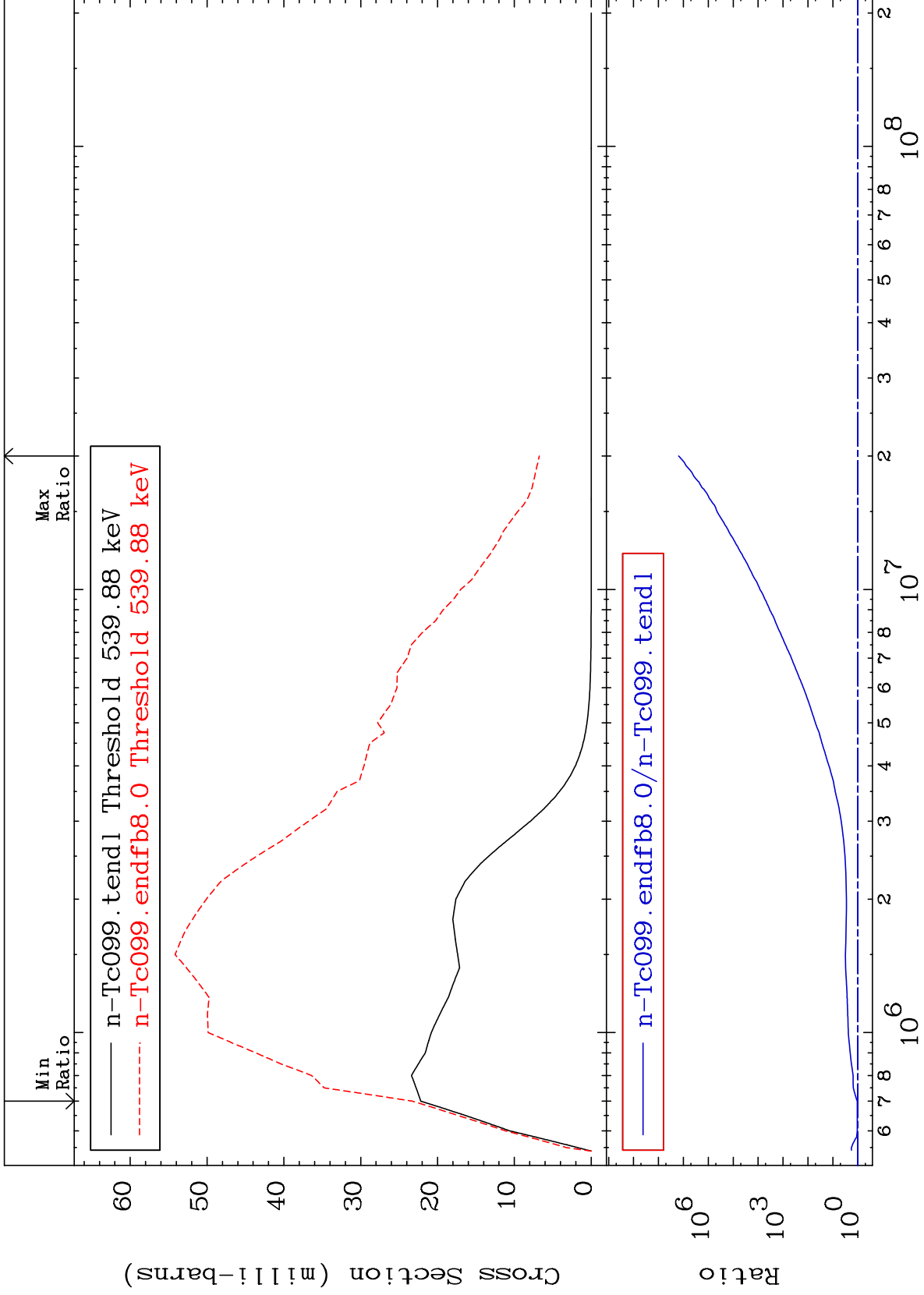
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99  
4.923 To 9999. %



14

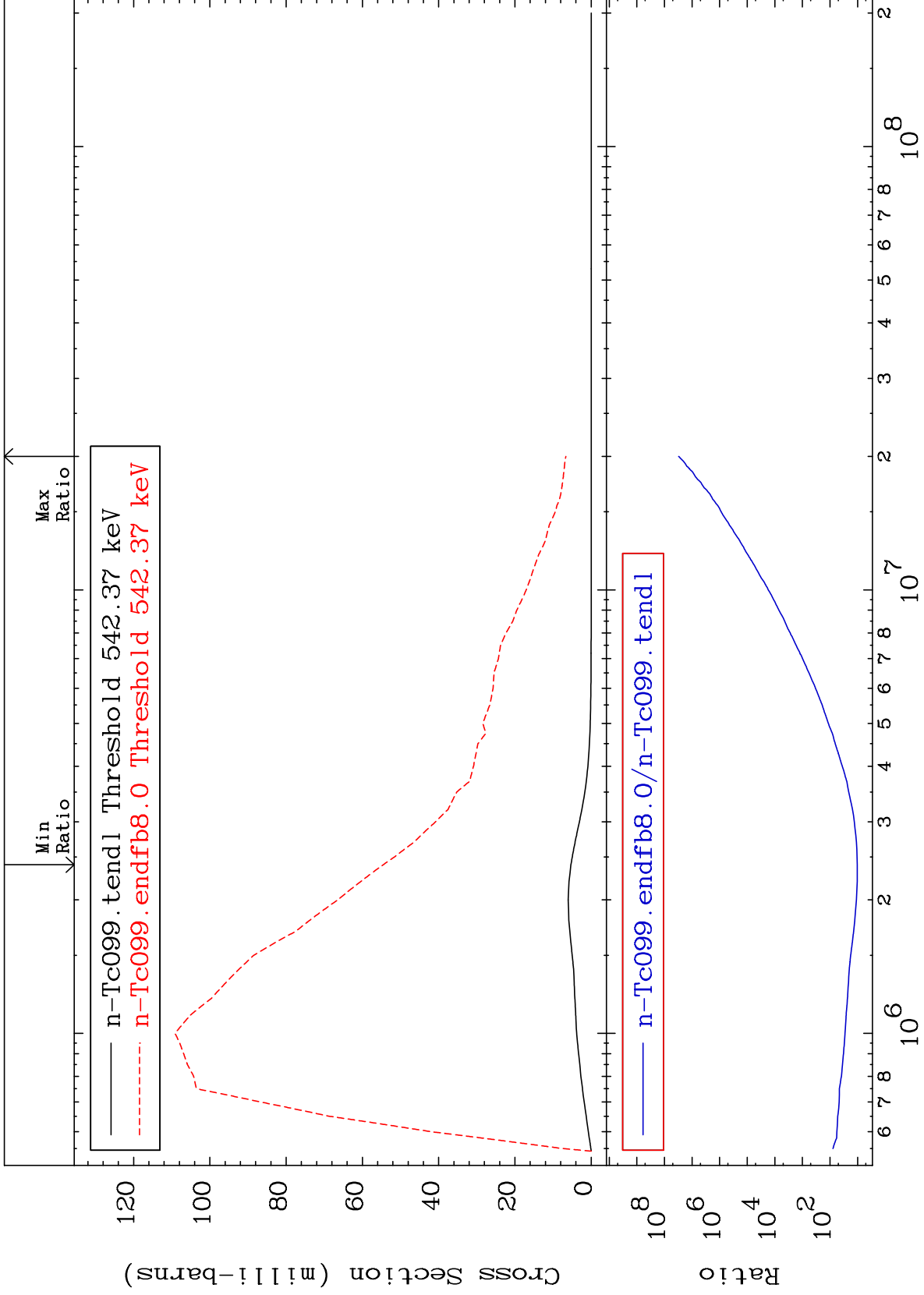
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99  
927.0 To 9999. %



15

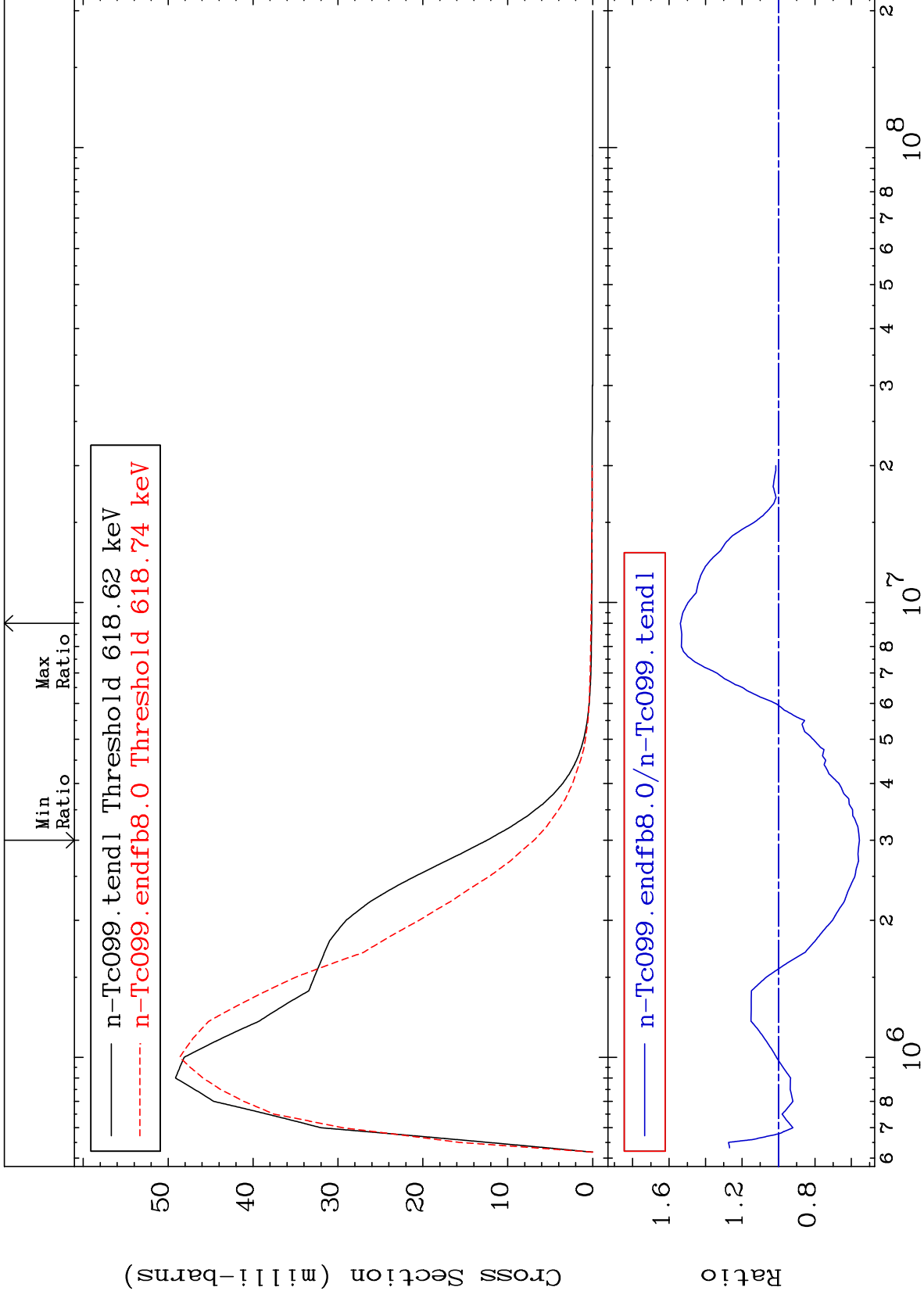
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99  
-44.42 To 53.81 %



16

Incident Energy (eV)

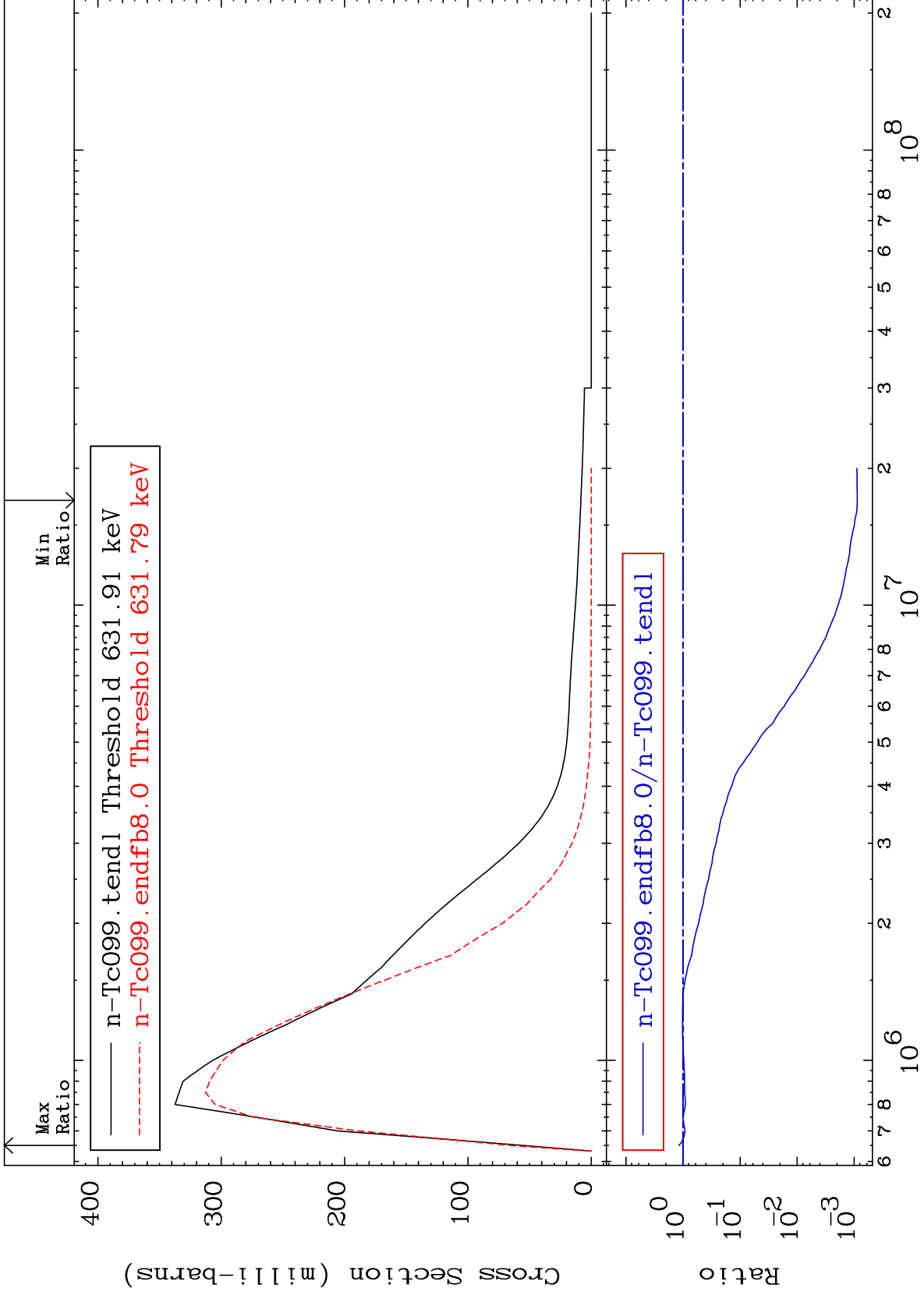
43-Tc-99



MAT 4325

MT= 58 (n, n') Level  
Cross Section

43-Tc-99  
-99.91 To 19.38 %



17

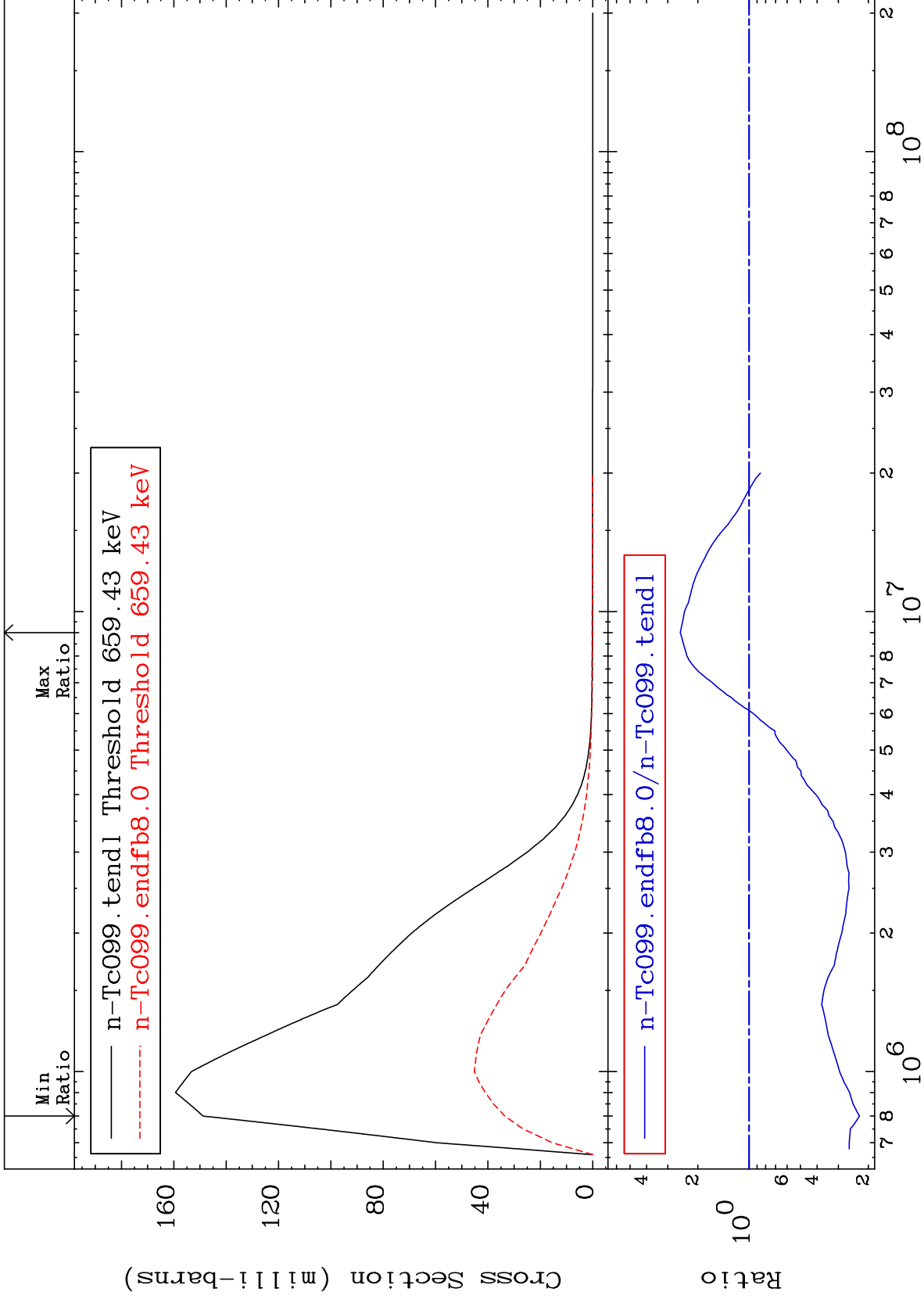
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99  
-77.44 To 153.3 %



18

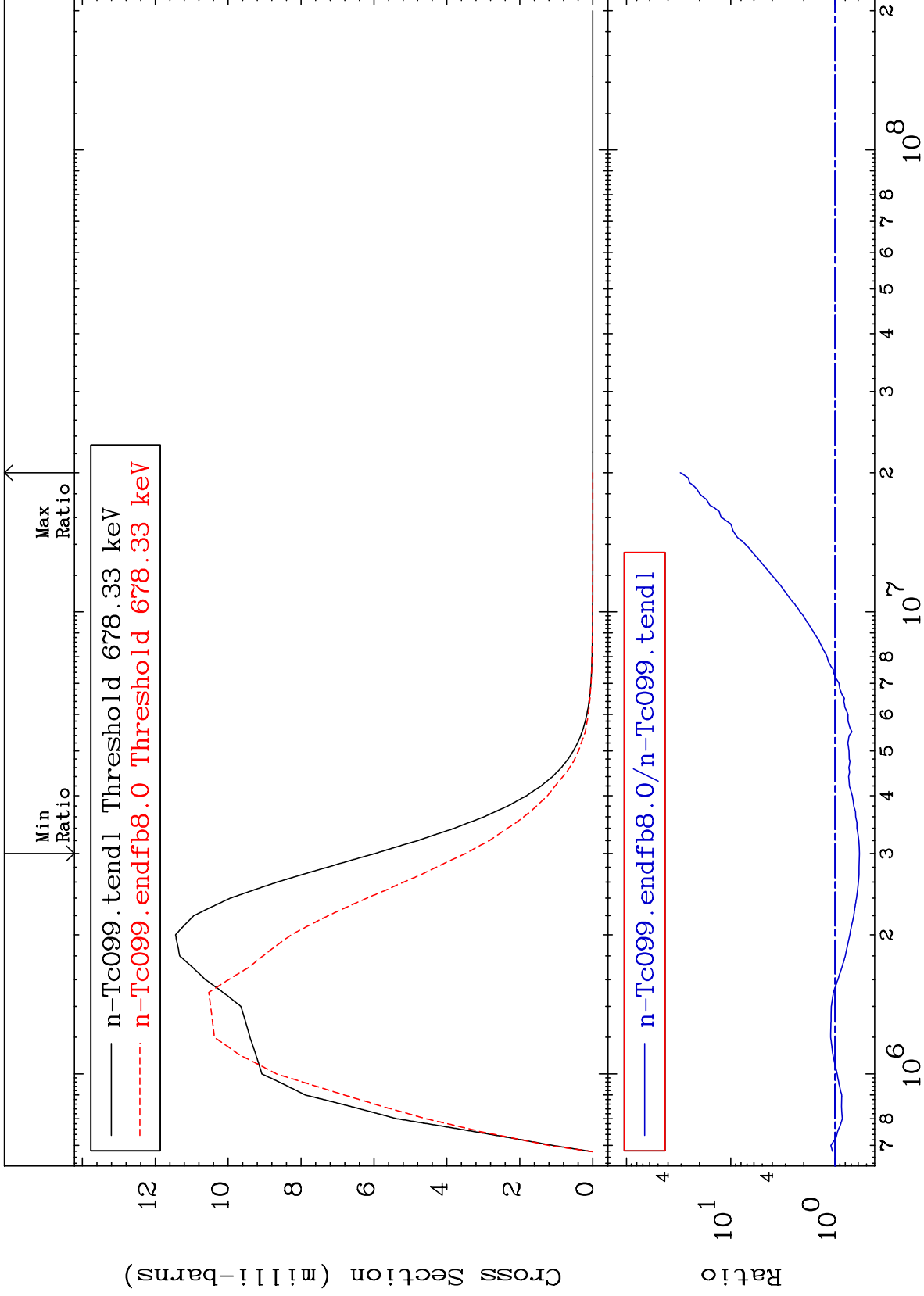
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99  
-41.59 To 2949. %



19

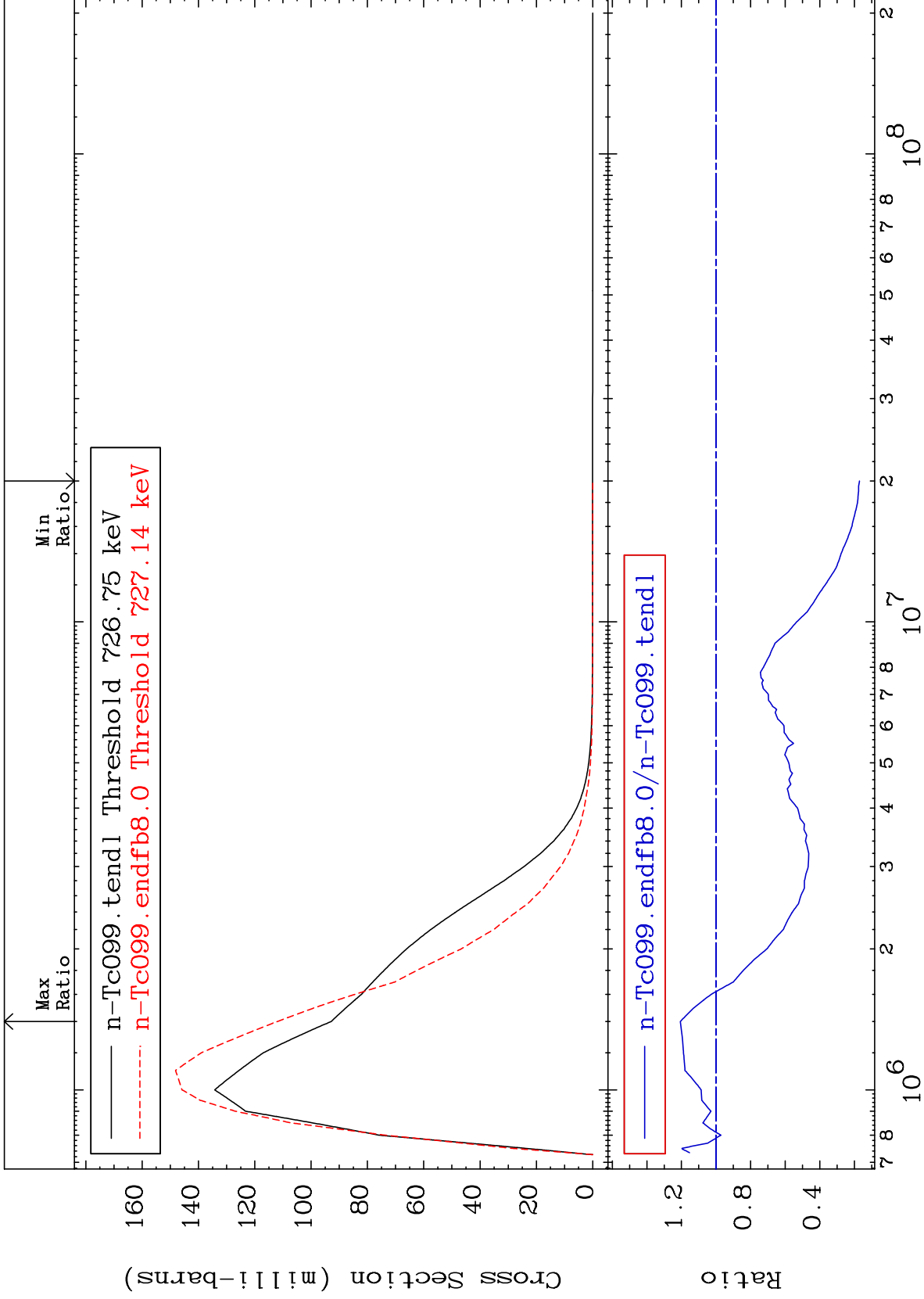
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99  
-82.94 To 20.64 %



20

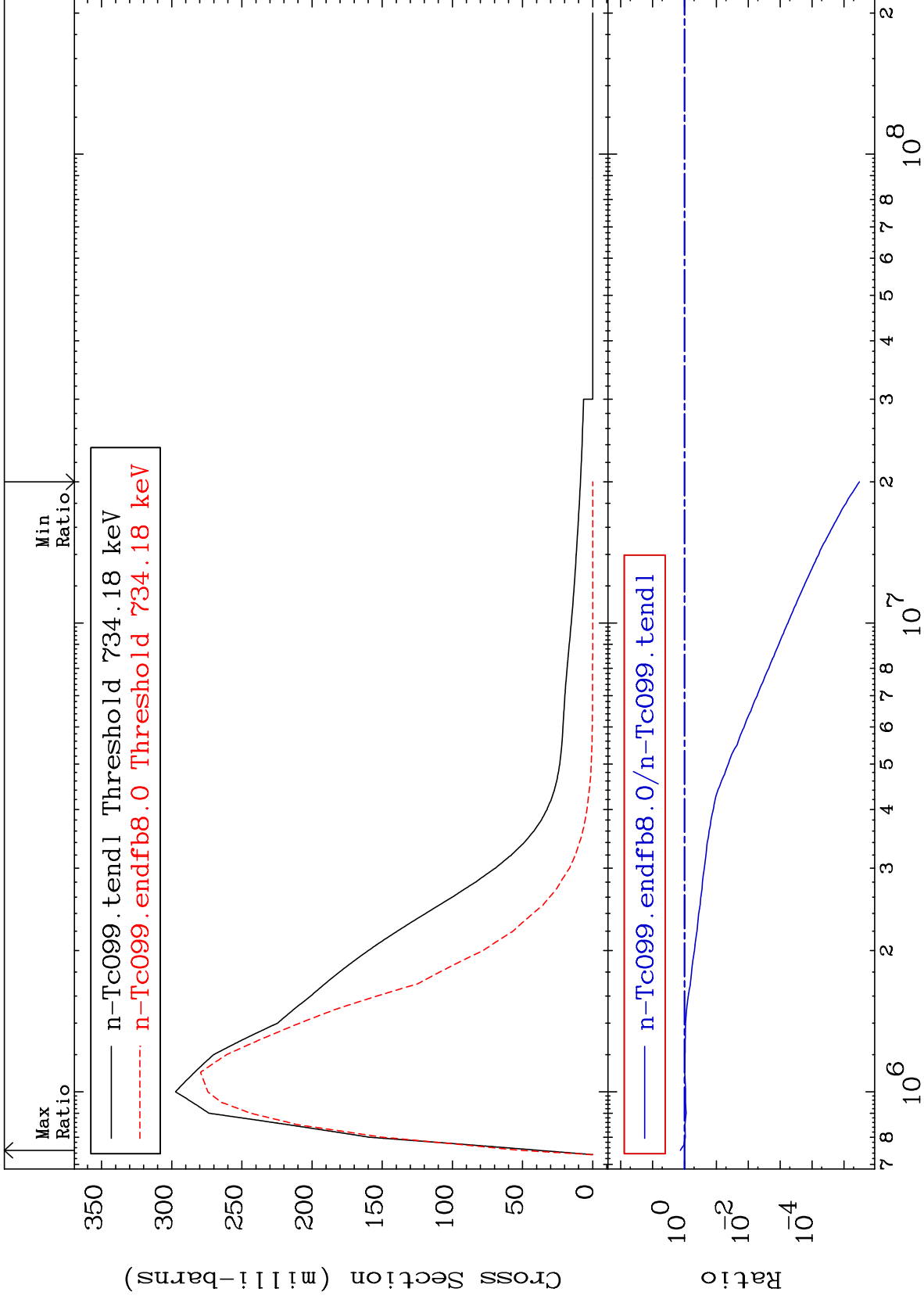
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99  
-100.0 To 34.97 %



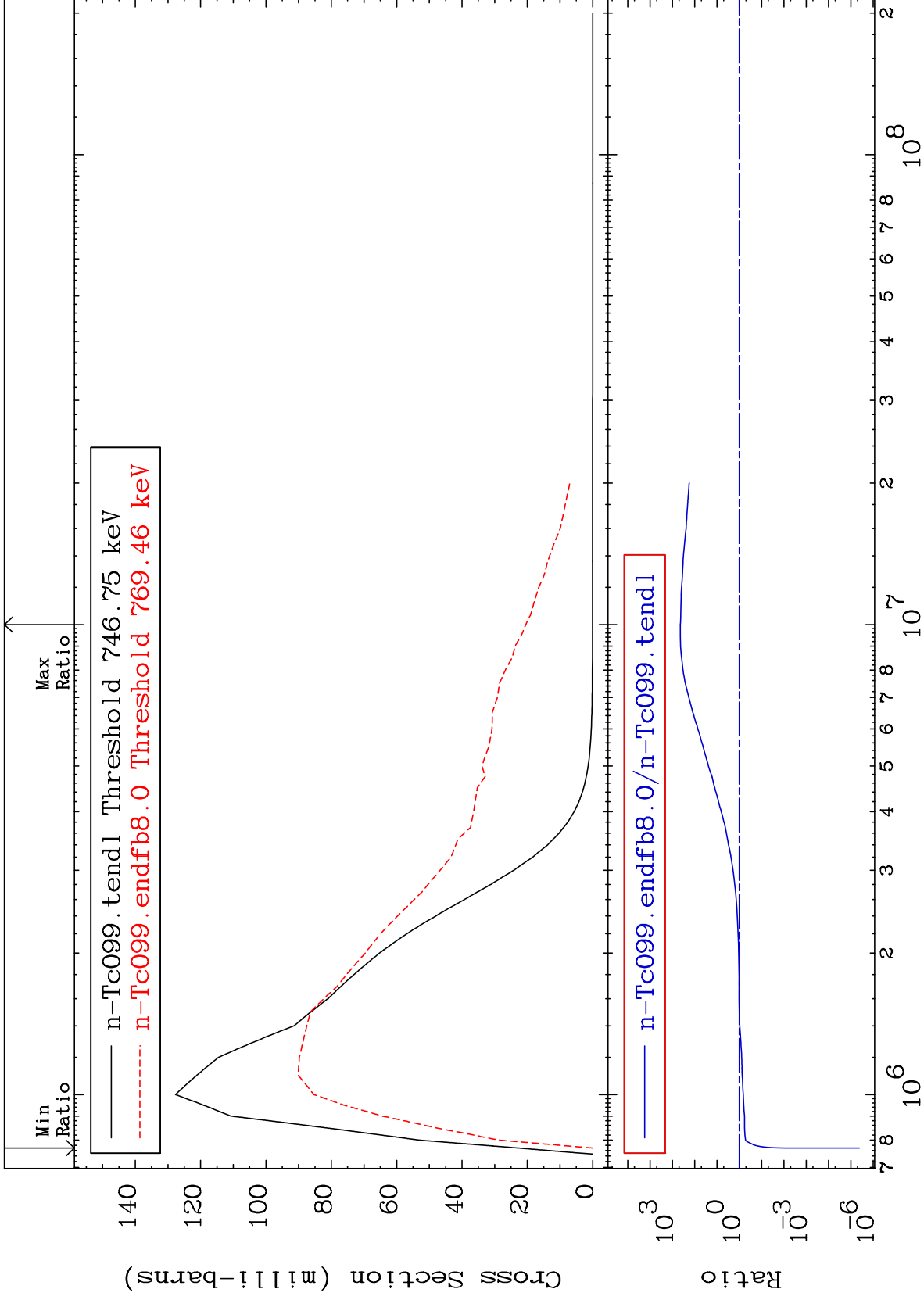
21

43-Tc-99

MAT 4325

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

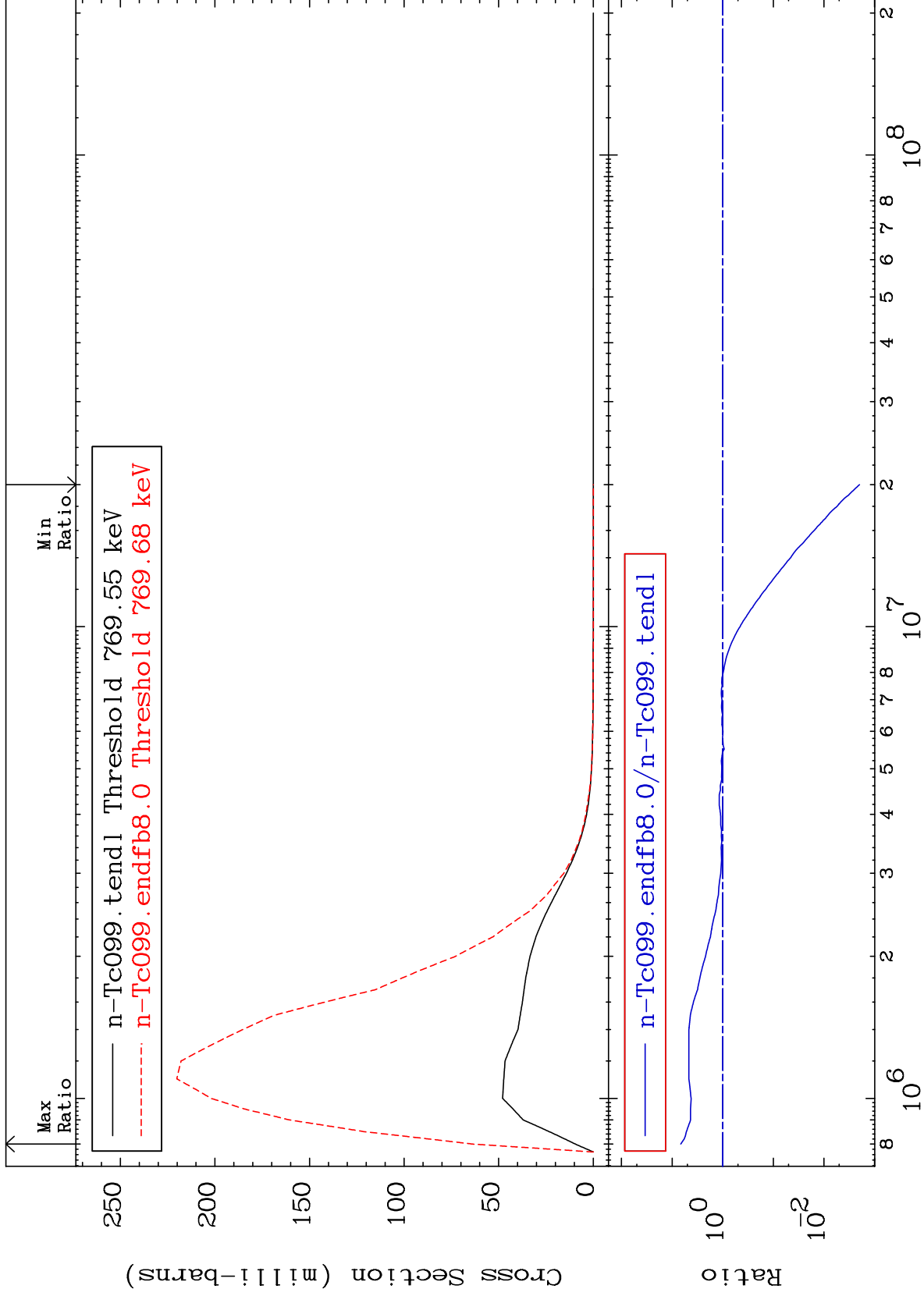
43-Tc-99  
-100.0 To 9999. %



MAT 4325

MT= 64 (n,n') Level  
Cross Section

43-Tc-99  
-99.80 To 574.1 %



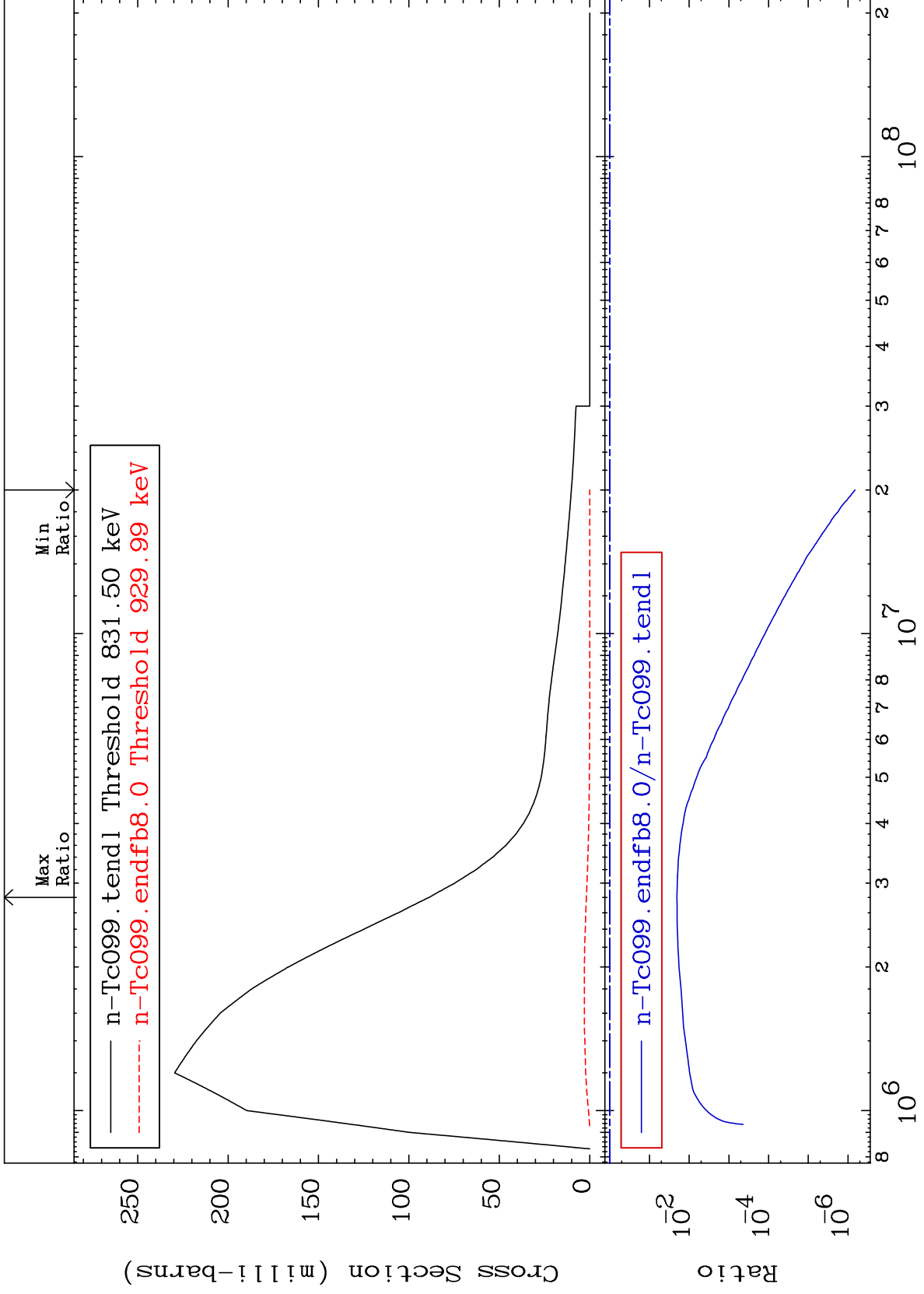
23

43-Tc-99

MAT 4325

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

43-Tc-99  
-100.0 To -97.97%



24

Incident Energy (eV)

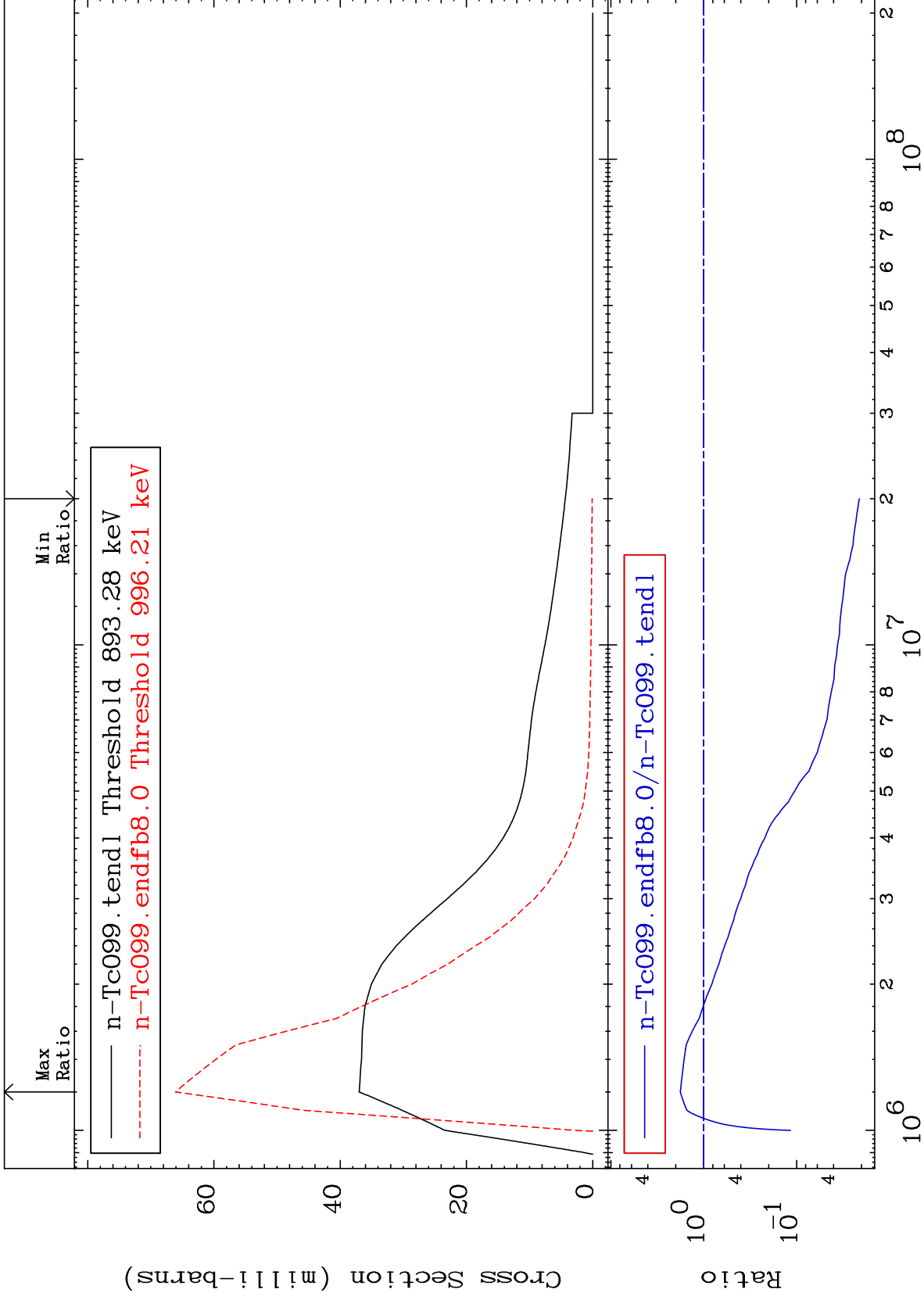
43-Tc-99



MAT 4325

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

43-Tc-99  
-97.89 To 78.62 %



25

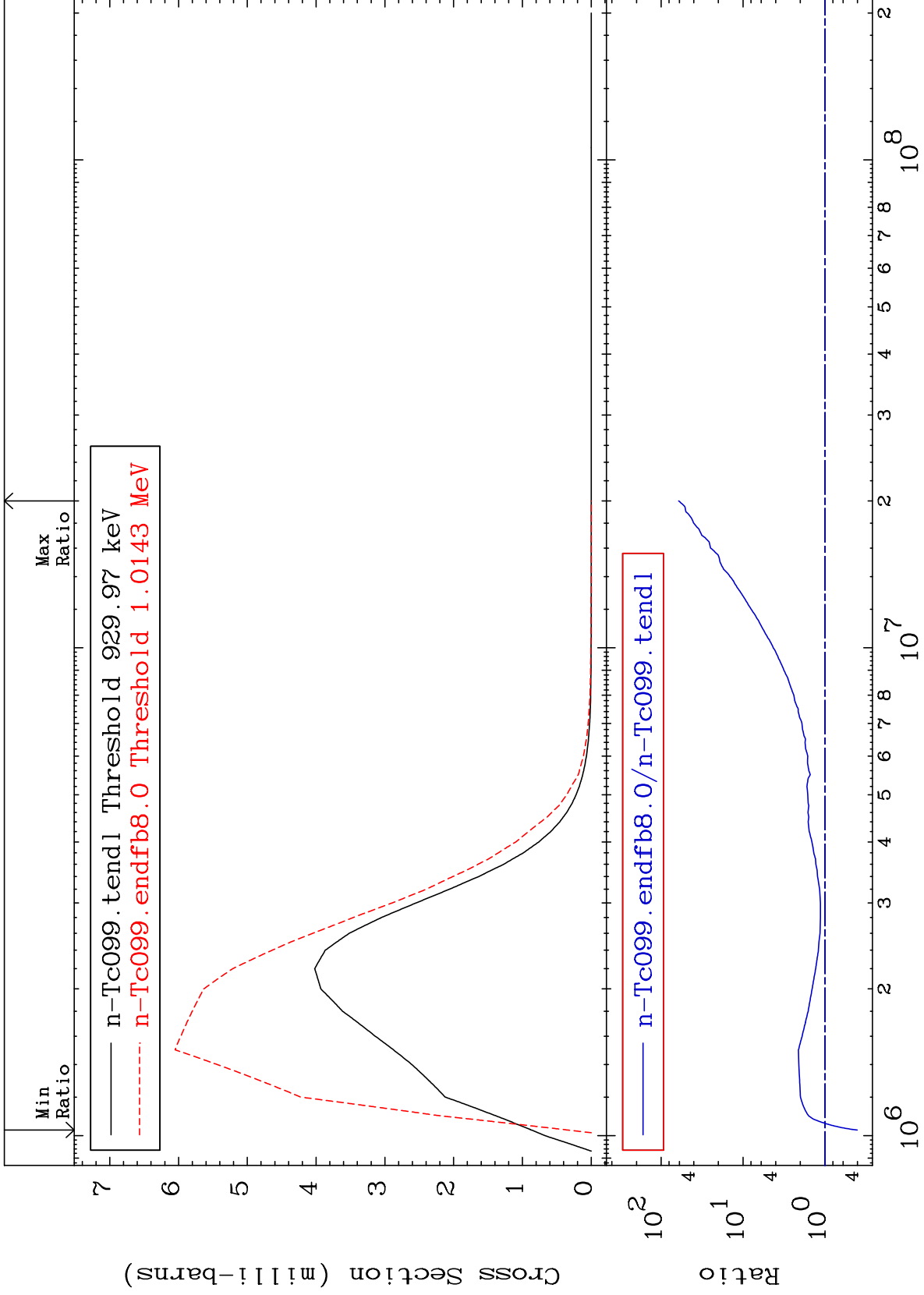
Incident Energy (eV)

43-Tc-99

MAT 4325

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

43-Tc-99  
-59.69 To 6021. %



26

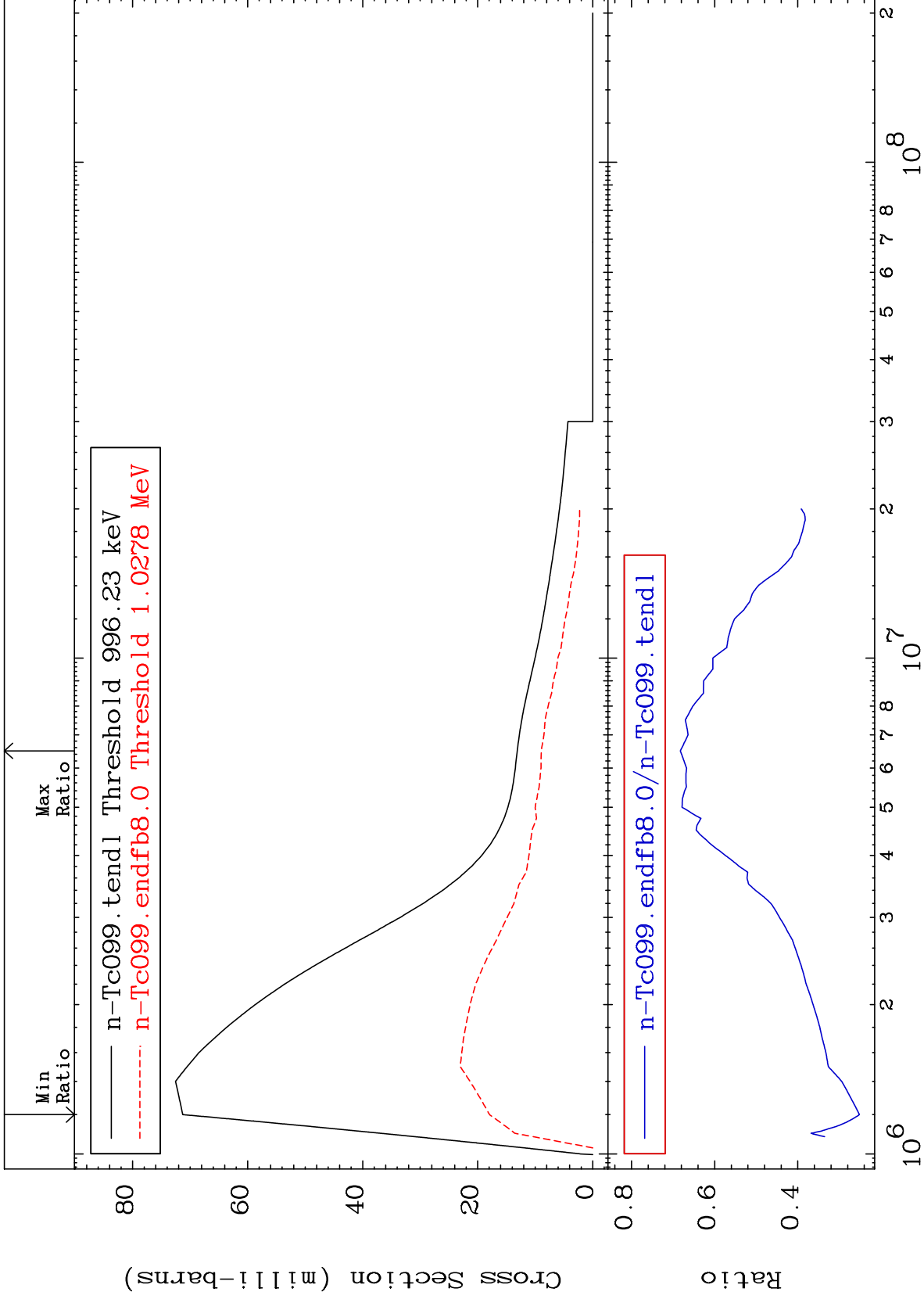
Incident Energy (eV)

43-Tc-99

MAT 4325

MT= 68 (n,n') Level  
Cross Section

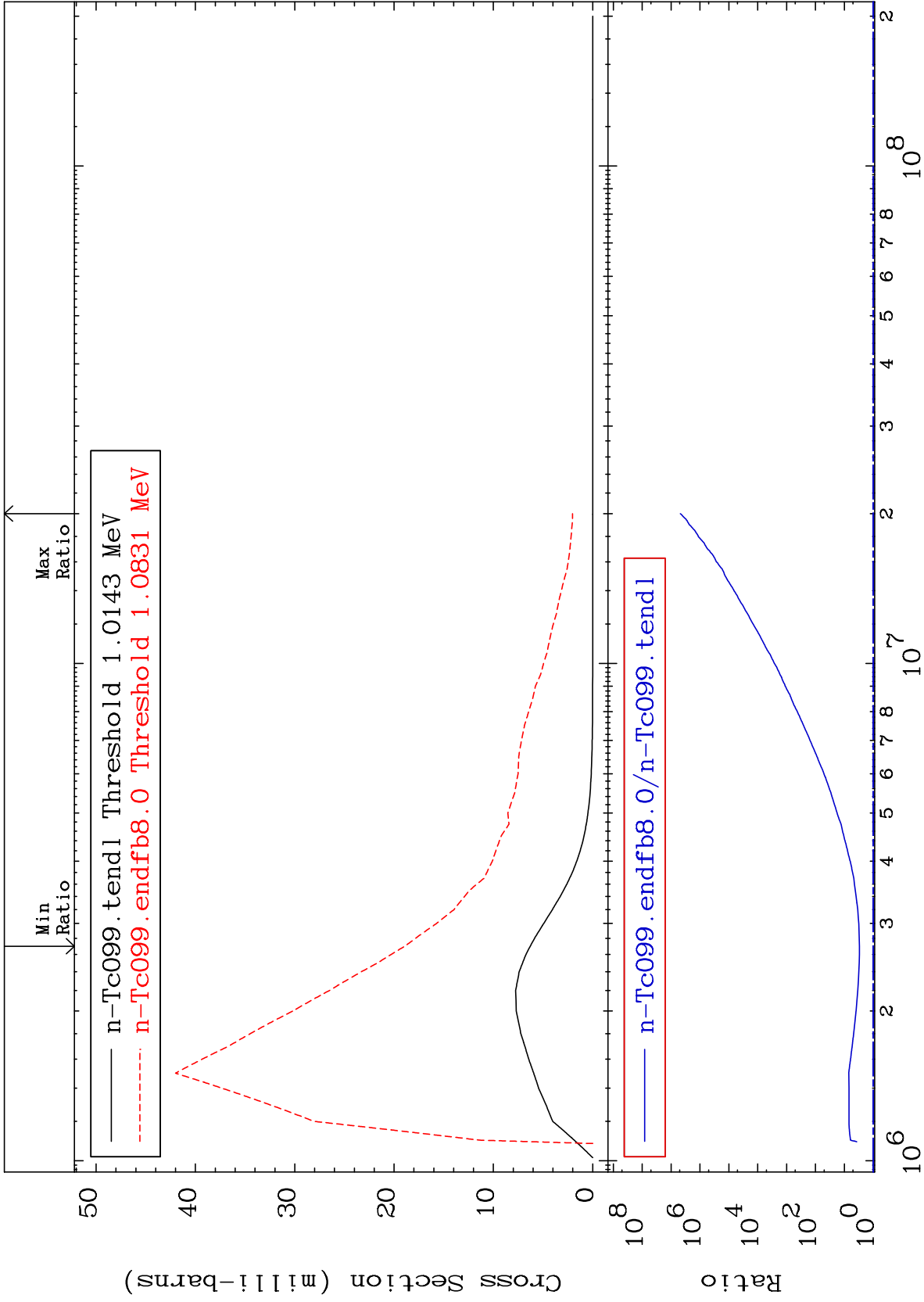
43-Tc-99  
-74.83 To -31.74%



MAT 4325

MT= 69 (n,n') Level  
Cross Section

43-Tc-99  
200.8 To 9999. %



28

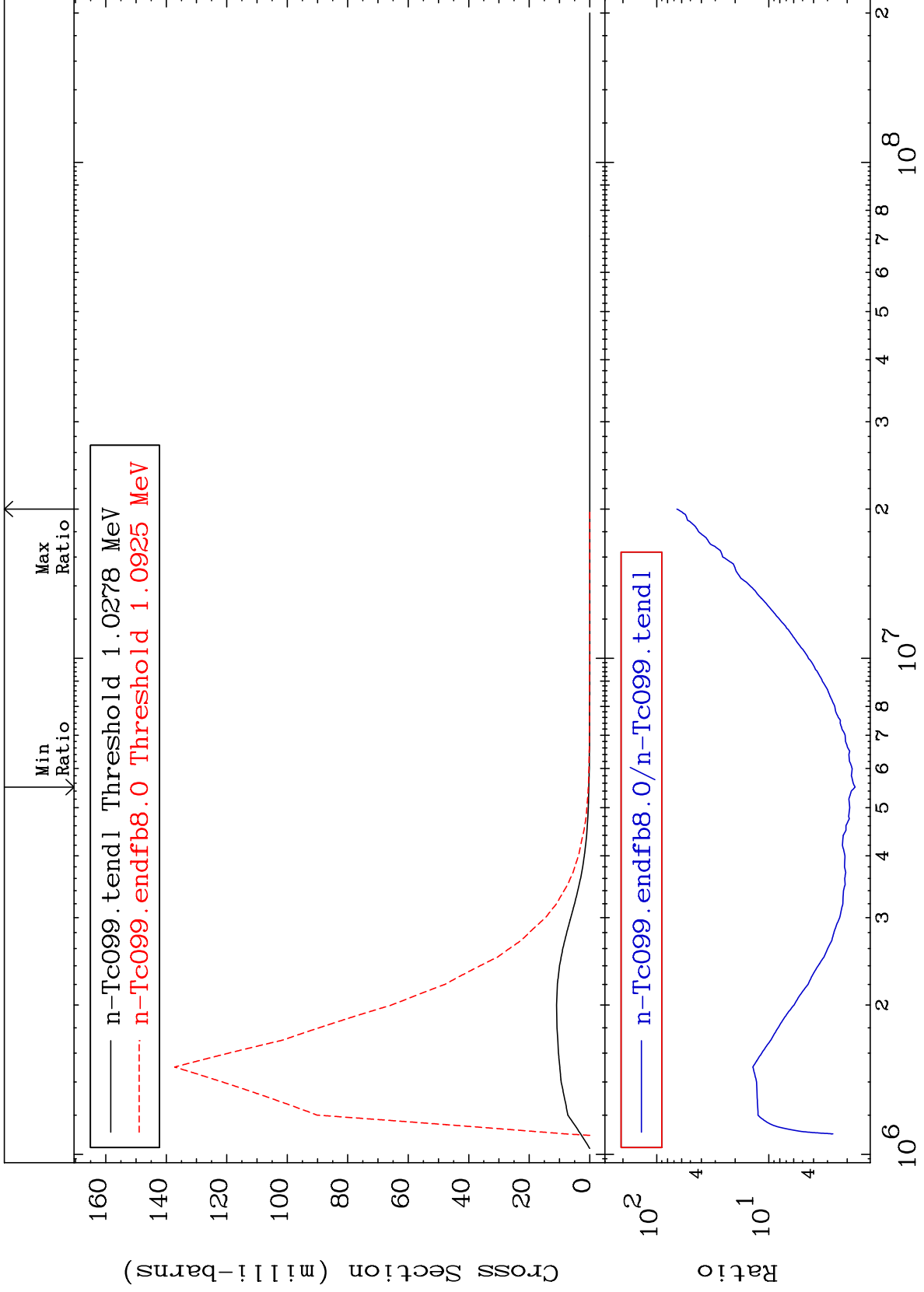
Incident Energy (eV)

43-Tc-99

MAT 4325

MT= 70 (n, n') Level  
Cross Section

43-Tc-99  
70.48 To 6497. %



29

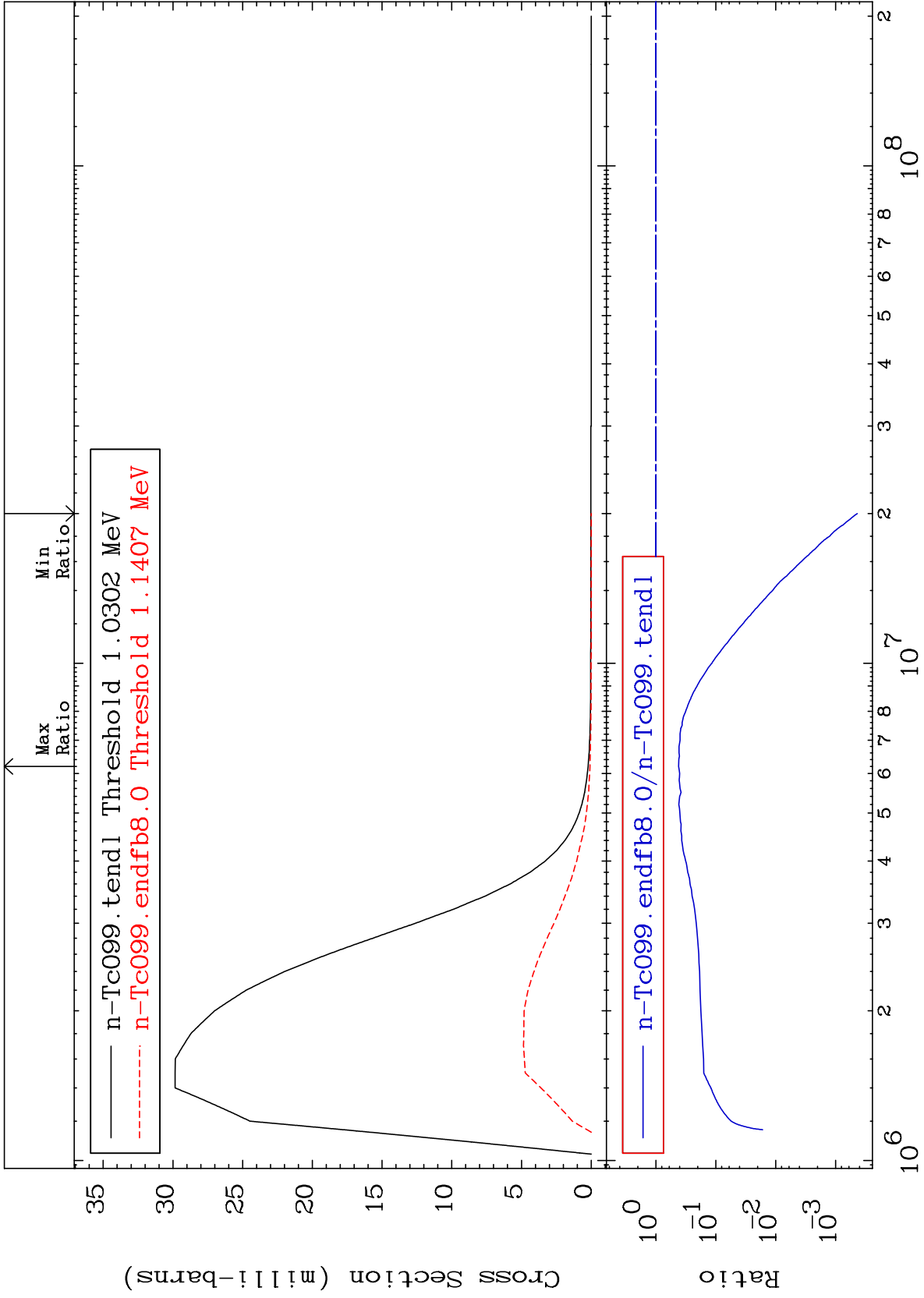
Incident Energy (eV)

43-Tc-99

MAT 4325

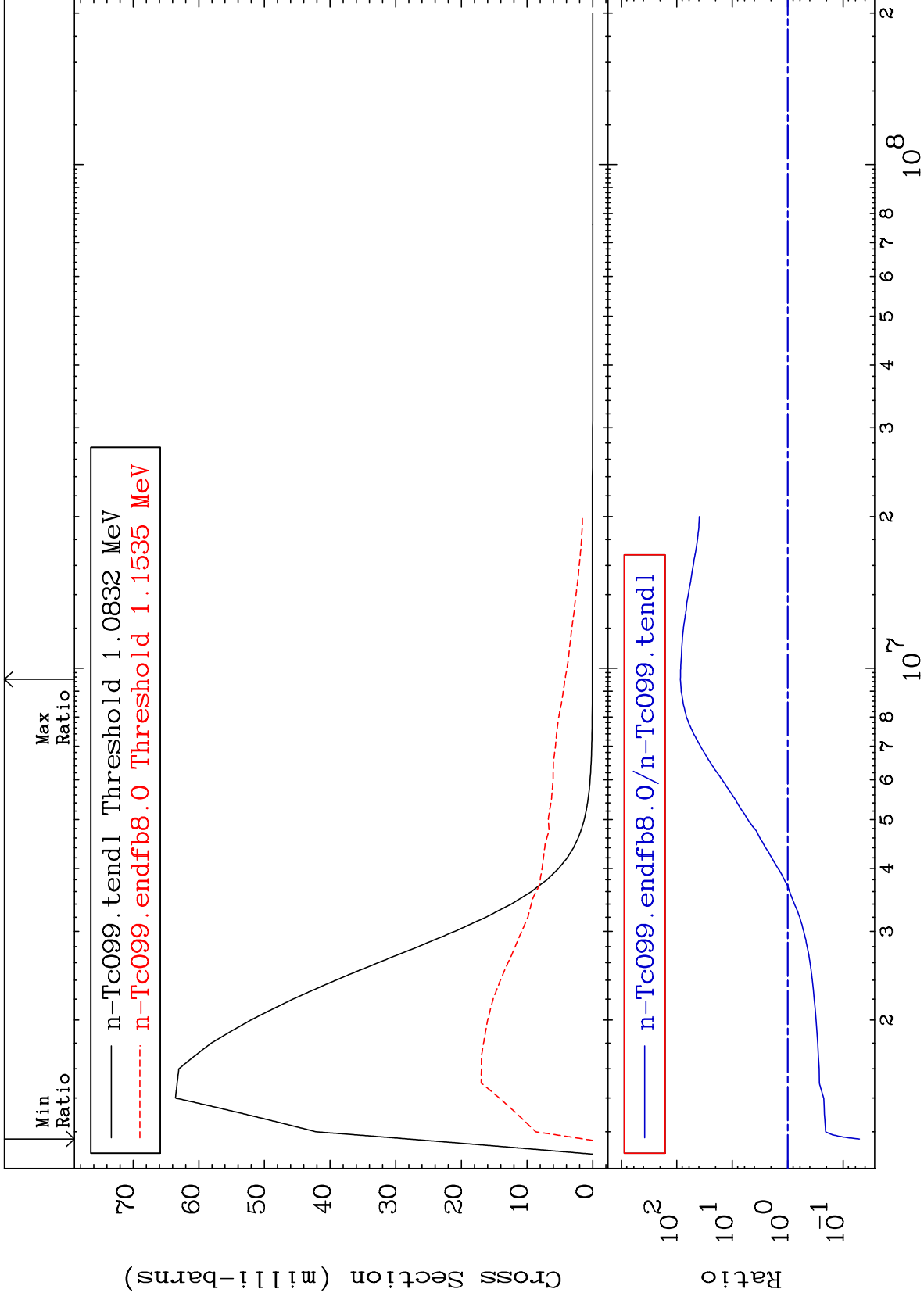
MT= 71 (n,n') Level  
Cross Section

43-Tc-99  
-99.96 To -58.31%



Incident Energy (eV)

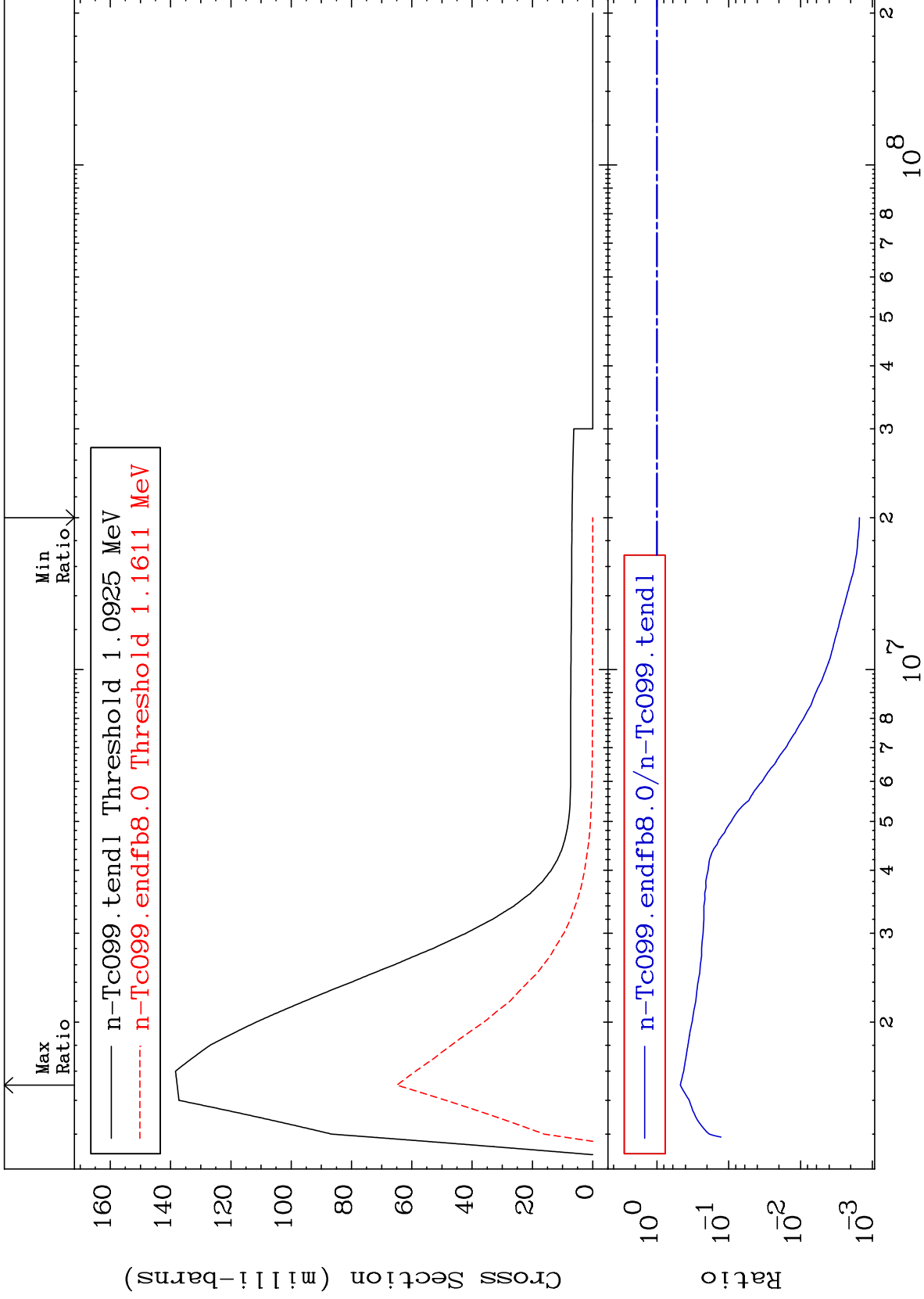
43-Tc-99



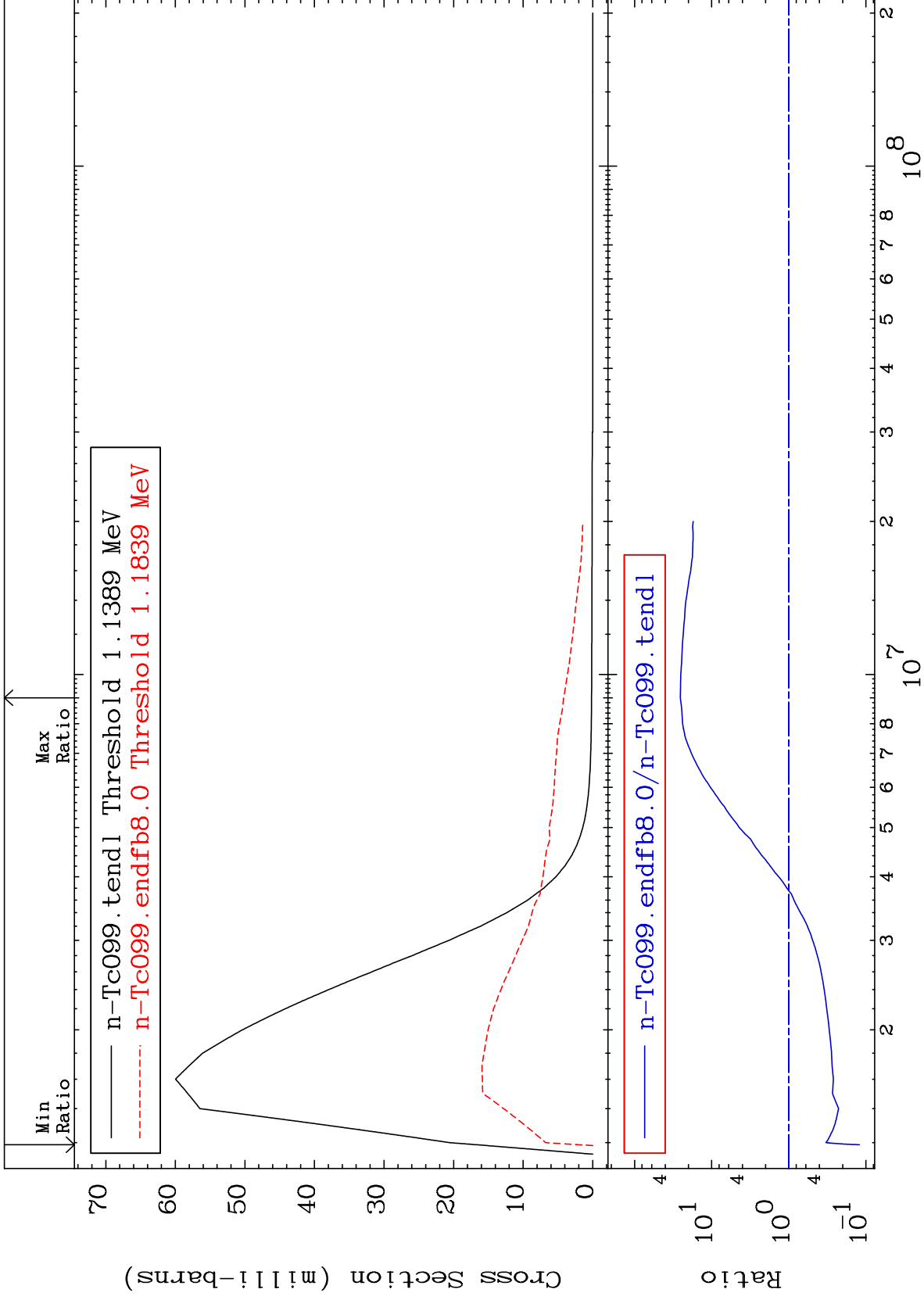
MAT 4325

MT= 73 (n,n') Level  
Cross Section

43-Tc-99  
-99.85 To -52.87%



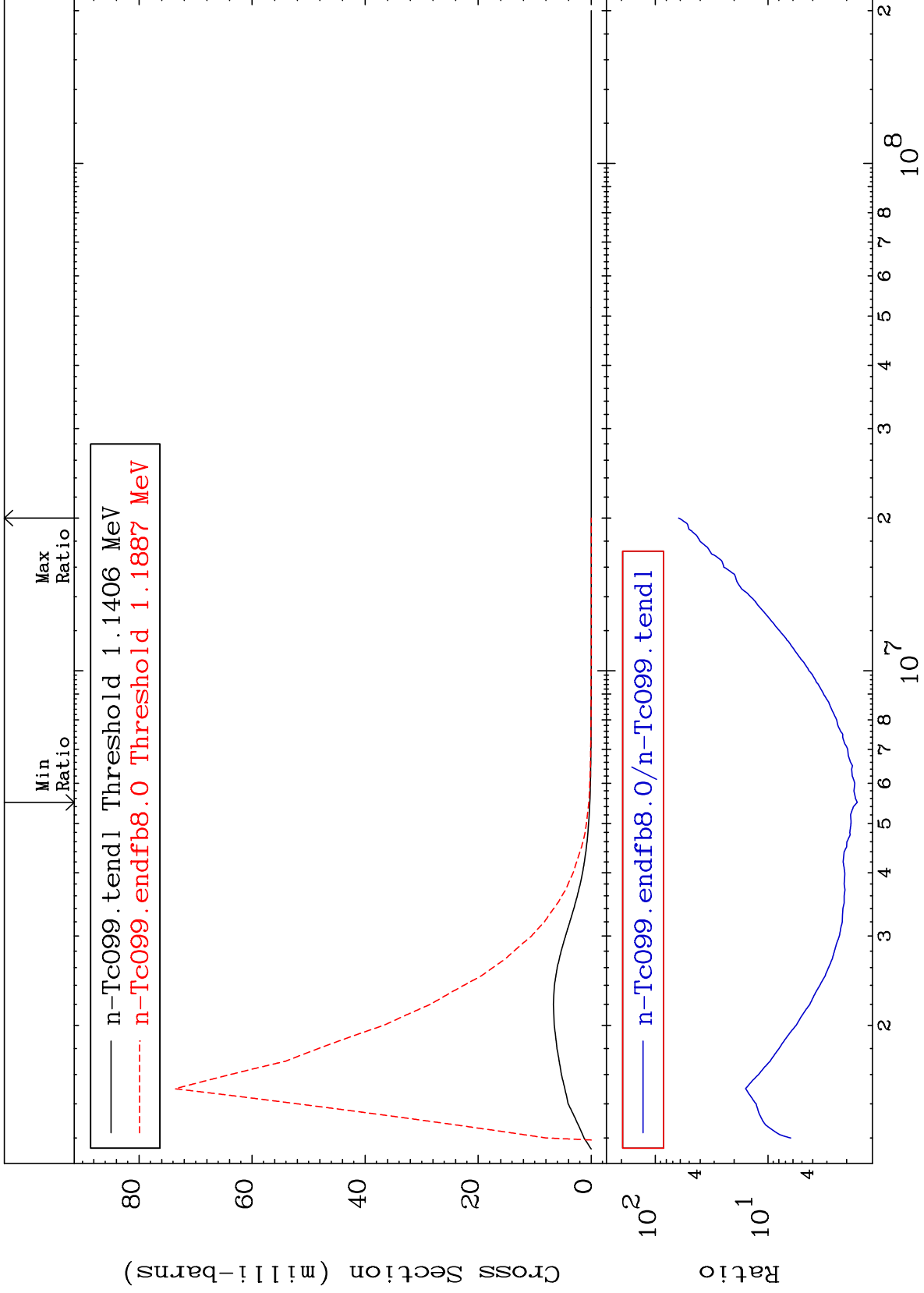


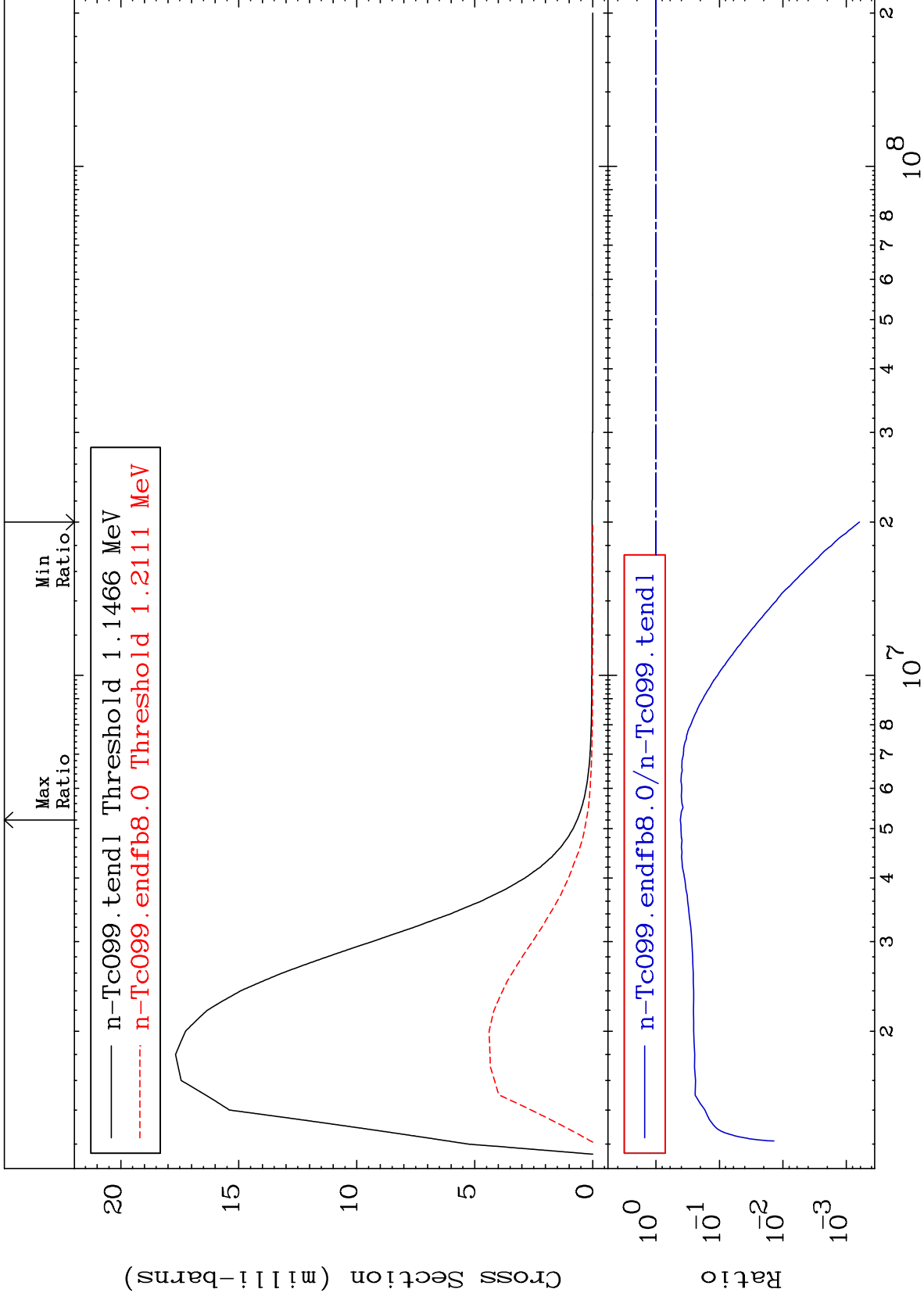


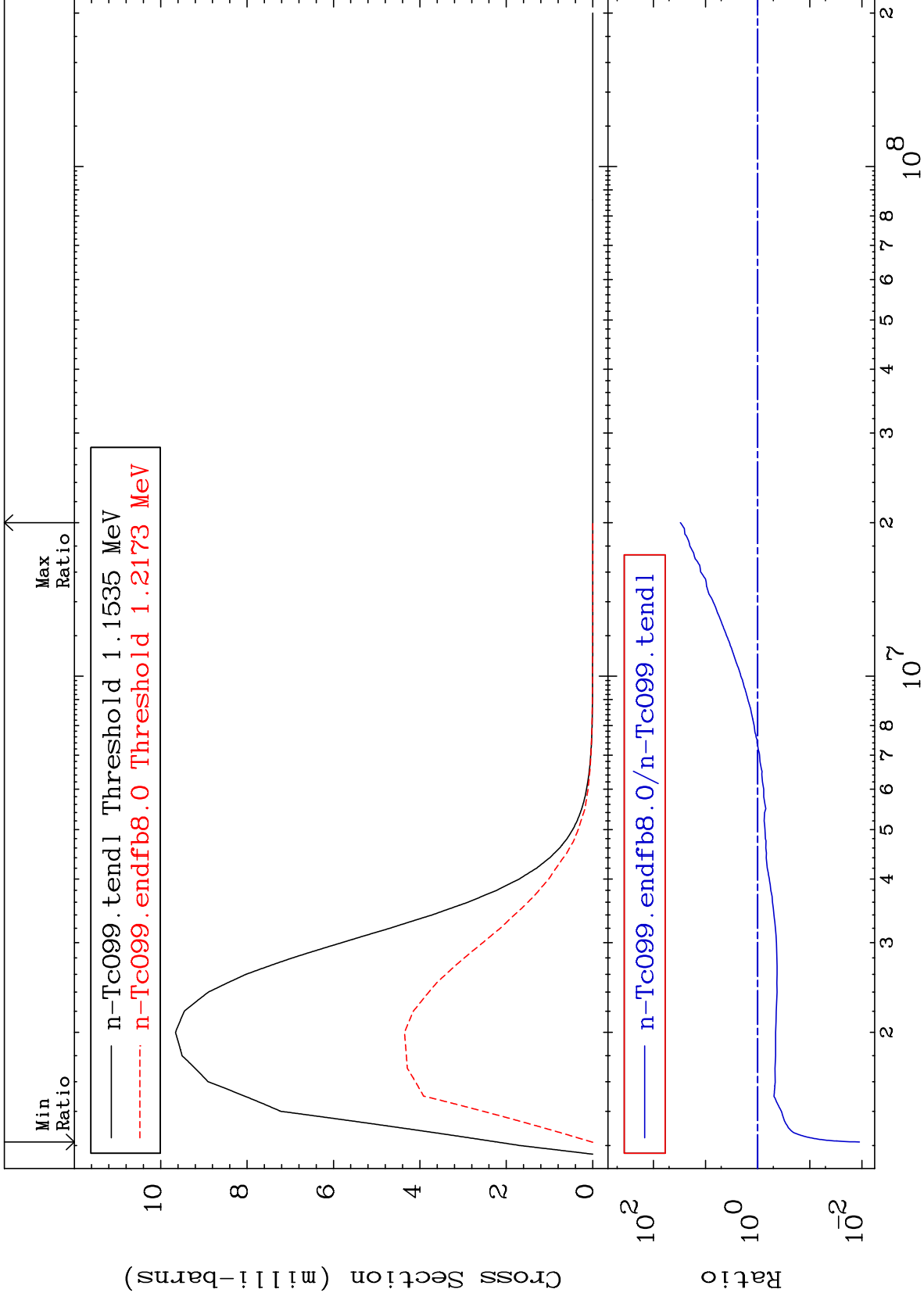
MAT 4325

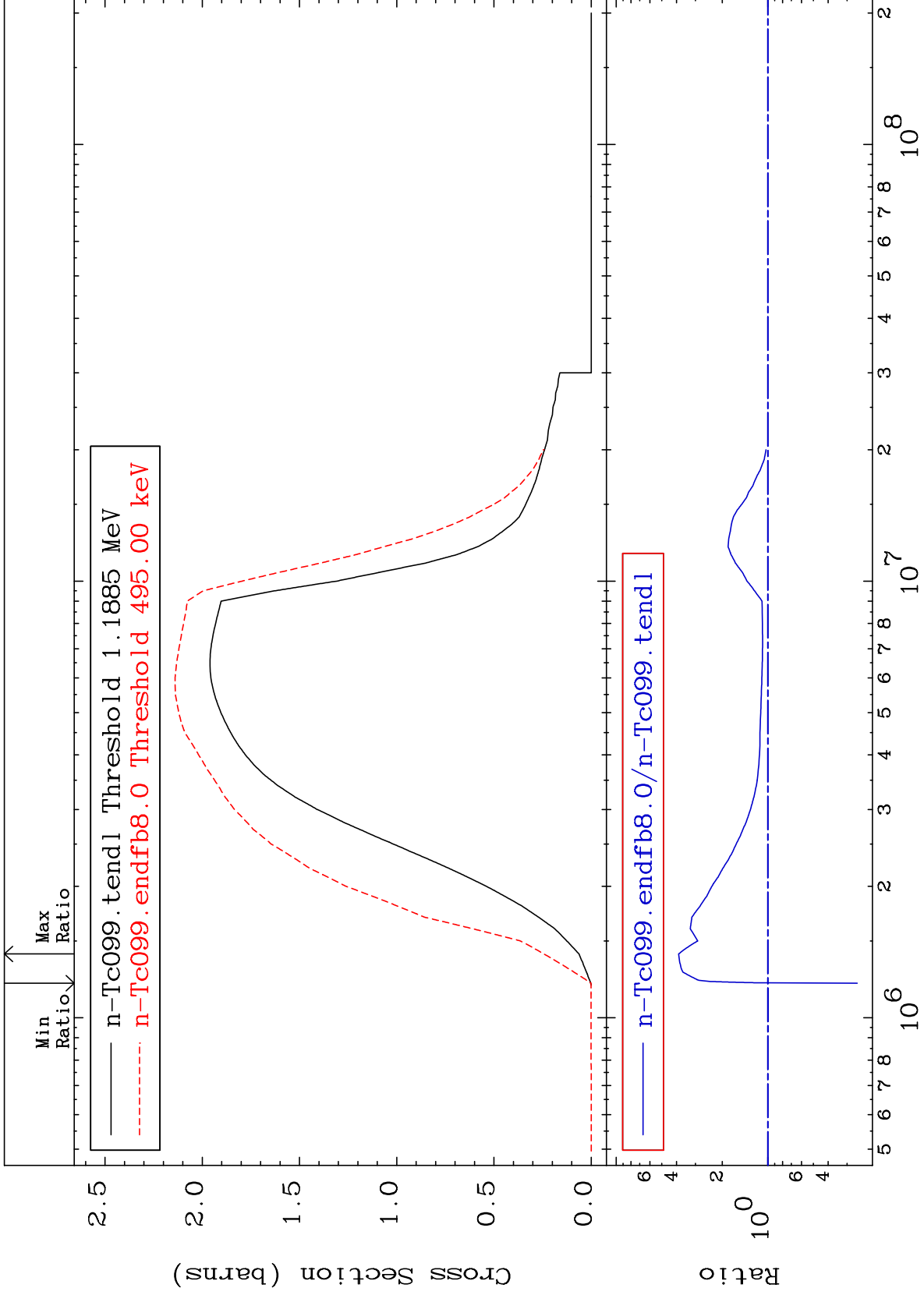
MT= 75 (n,n') Level  
Cross Section

43-Tc-99  
61.16 To 6112. %









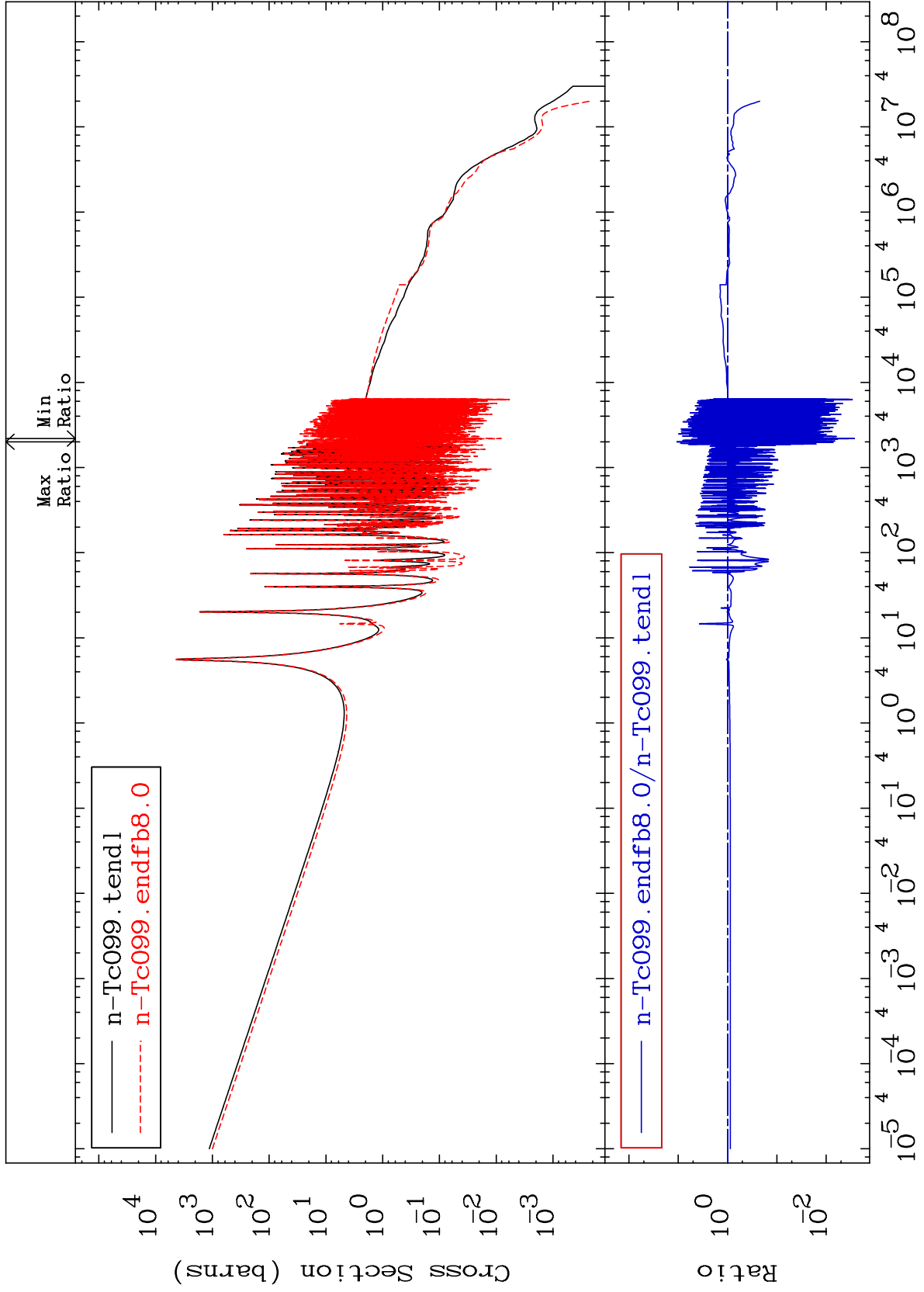
MAT 4325

(n,  $\gamma$ )

43-Tc-99

Cross Section

-99.73 To 970.2 %



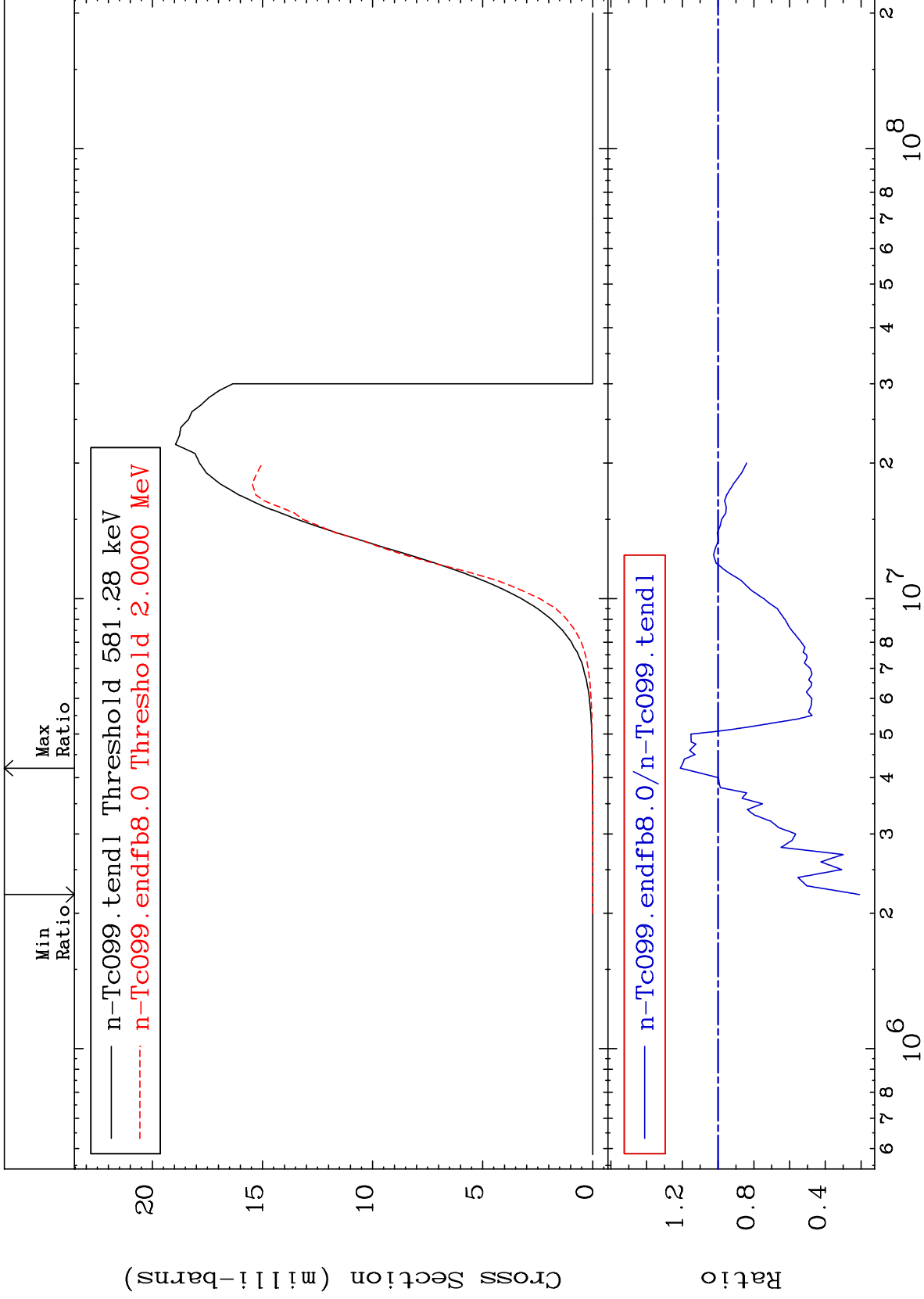
MAT 4325

(n,p)

<sup>43</sup>Tc-99

Cross Section

-79.10 To 21.11 %



39

Incident Energy (eV)

<sup>43</sup>Tc-99

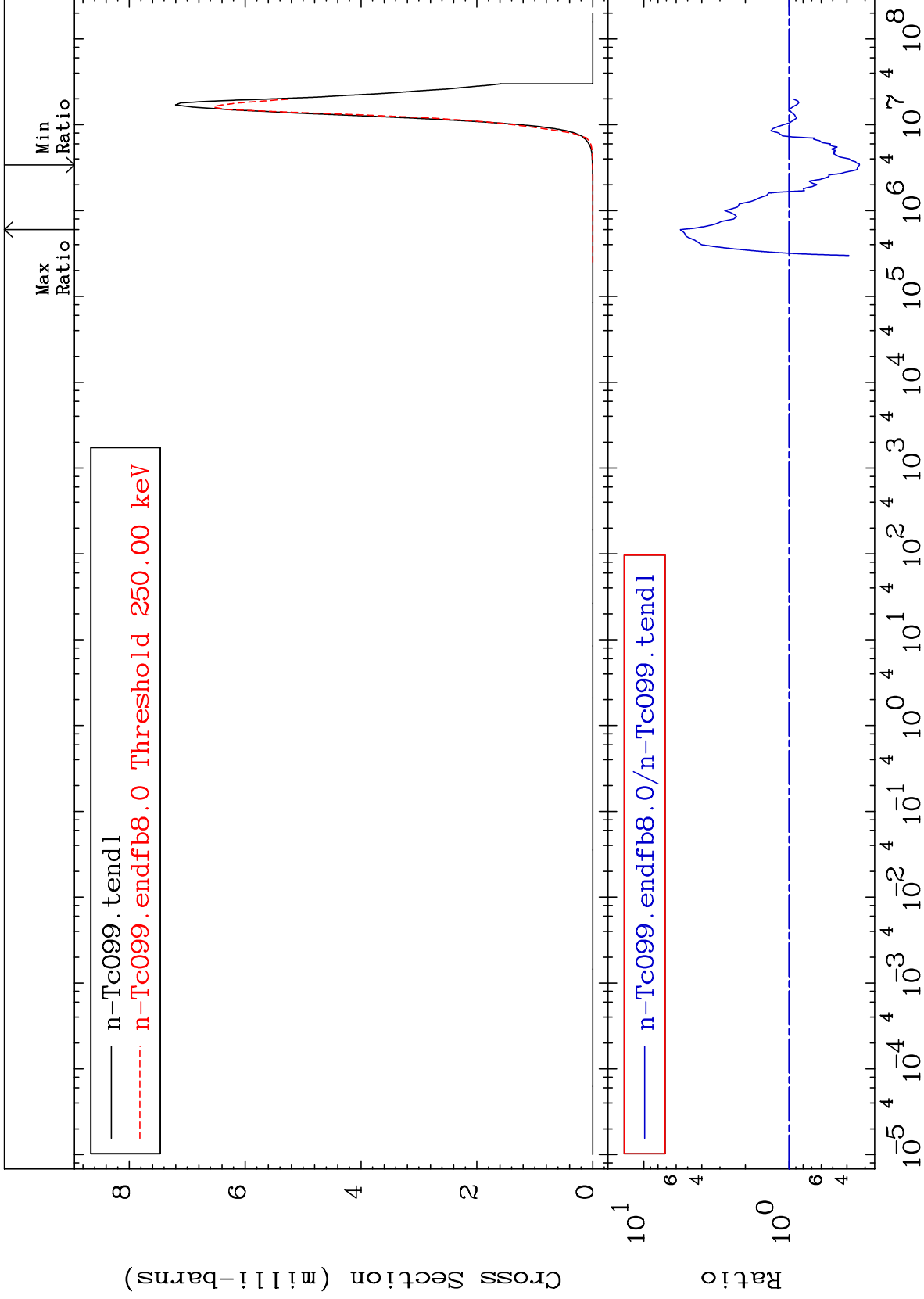
MAT 4325

(n,  $\alpha$ )

43-Tc-99

Cross Section

-67.22 To 461.0 %



Incident Energy (eV)

43-Tc-99

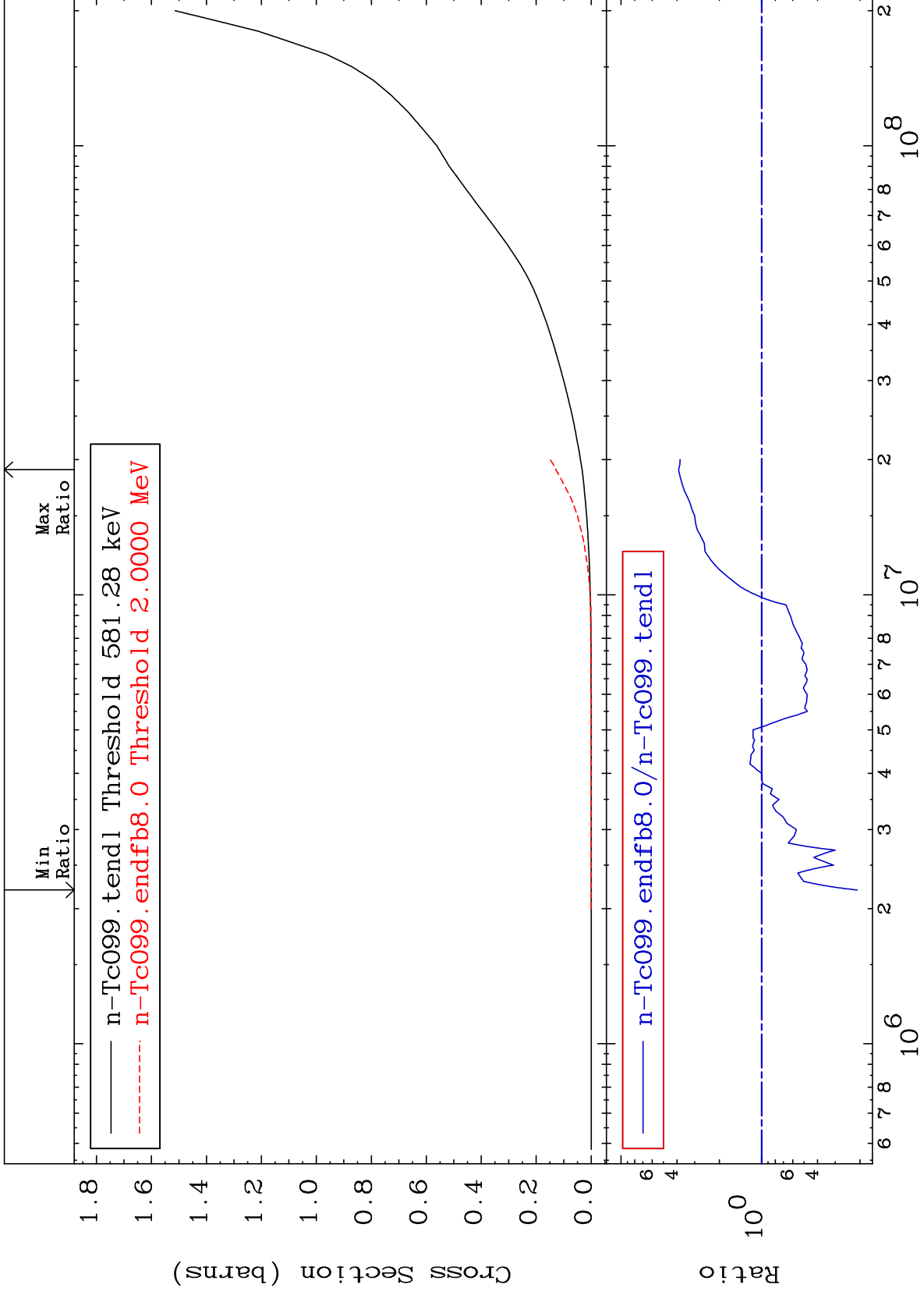
40



MAT 4325

Hydrogen Production  
Cross Section

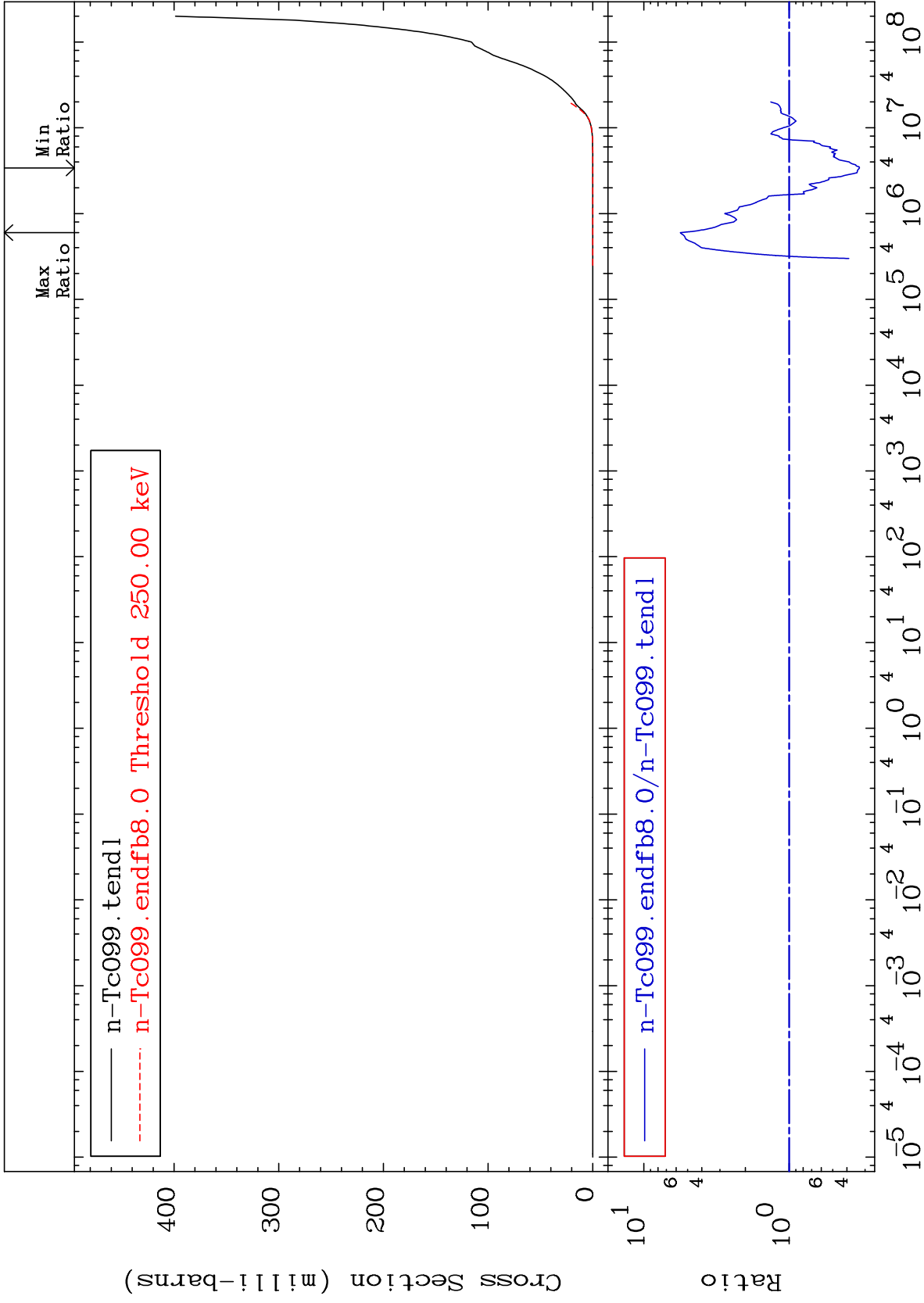
<sup>43</sup>Tc-99  
-79.10 To 289.1 %



41

Incident Energy (eV)

<sup>43</sup>Tc-99



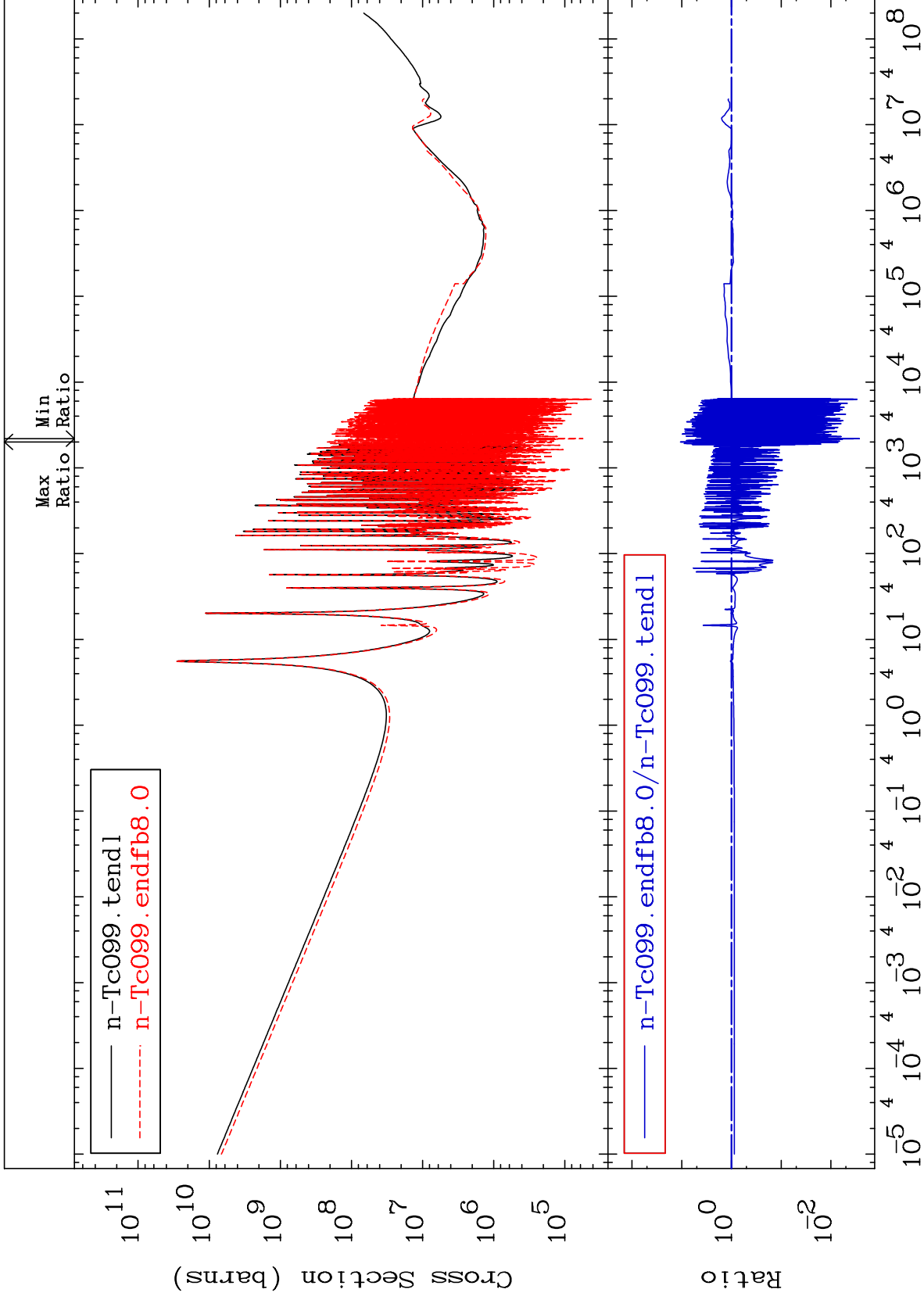
MAT 4325

Kerma total (eV-barns)

43-Tc-99

Cross Section

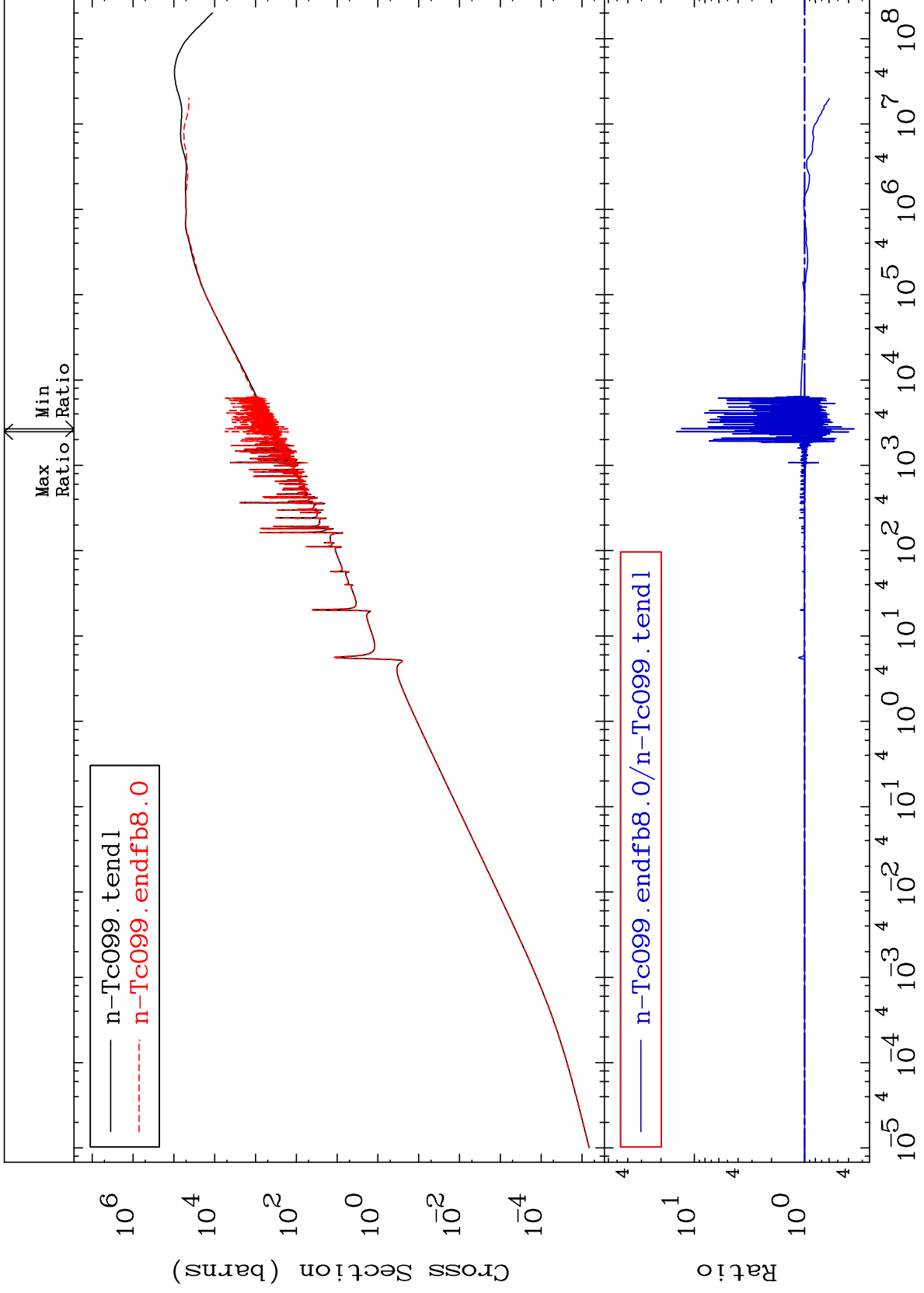
-99.73 To 965.9 %

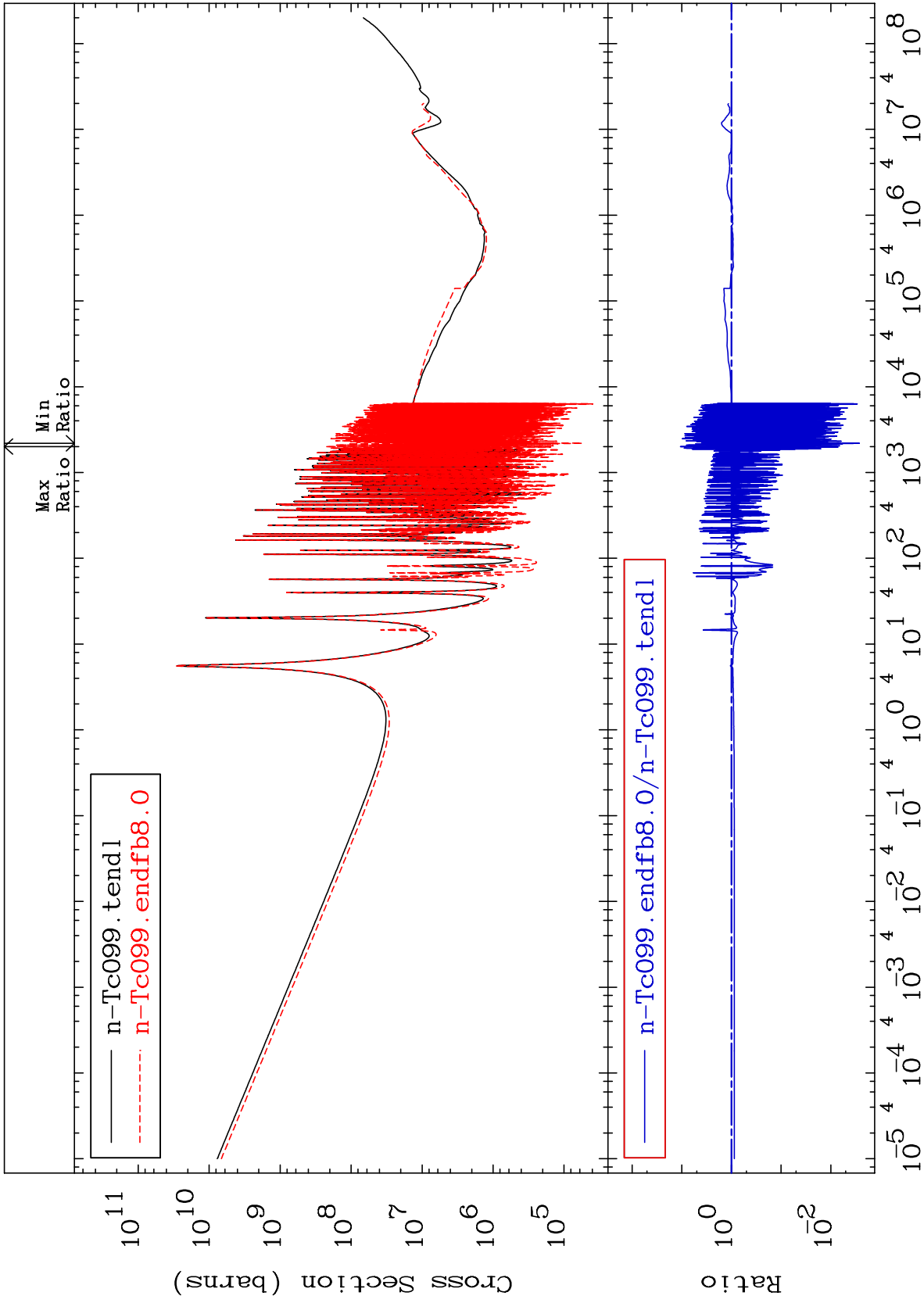


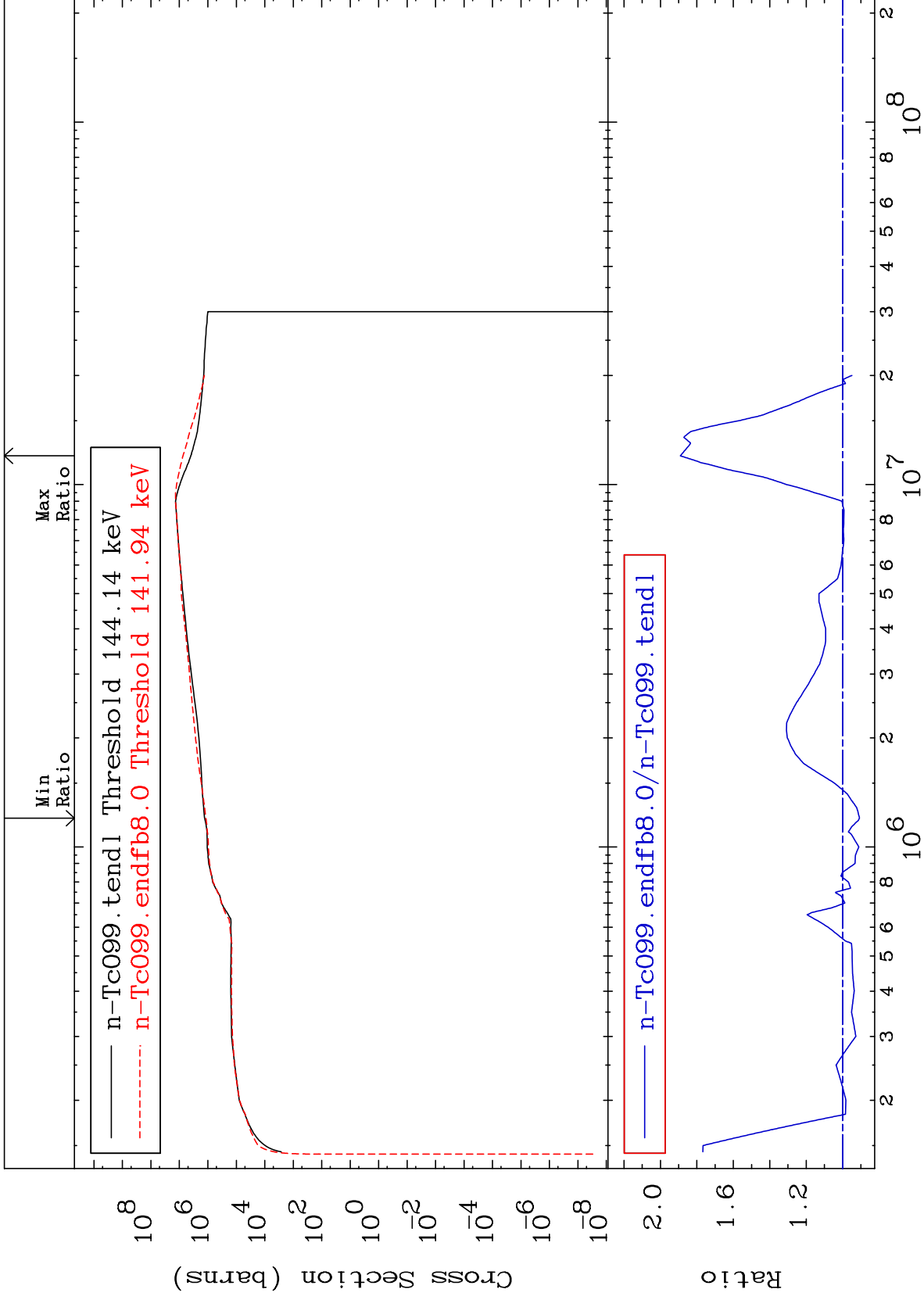
Incident Energy (eV)

43-Tc-99

43







MAT 4325

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

43-Tc-99  
-9.229 To 89.06 %

