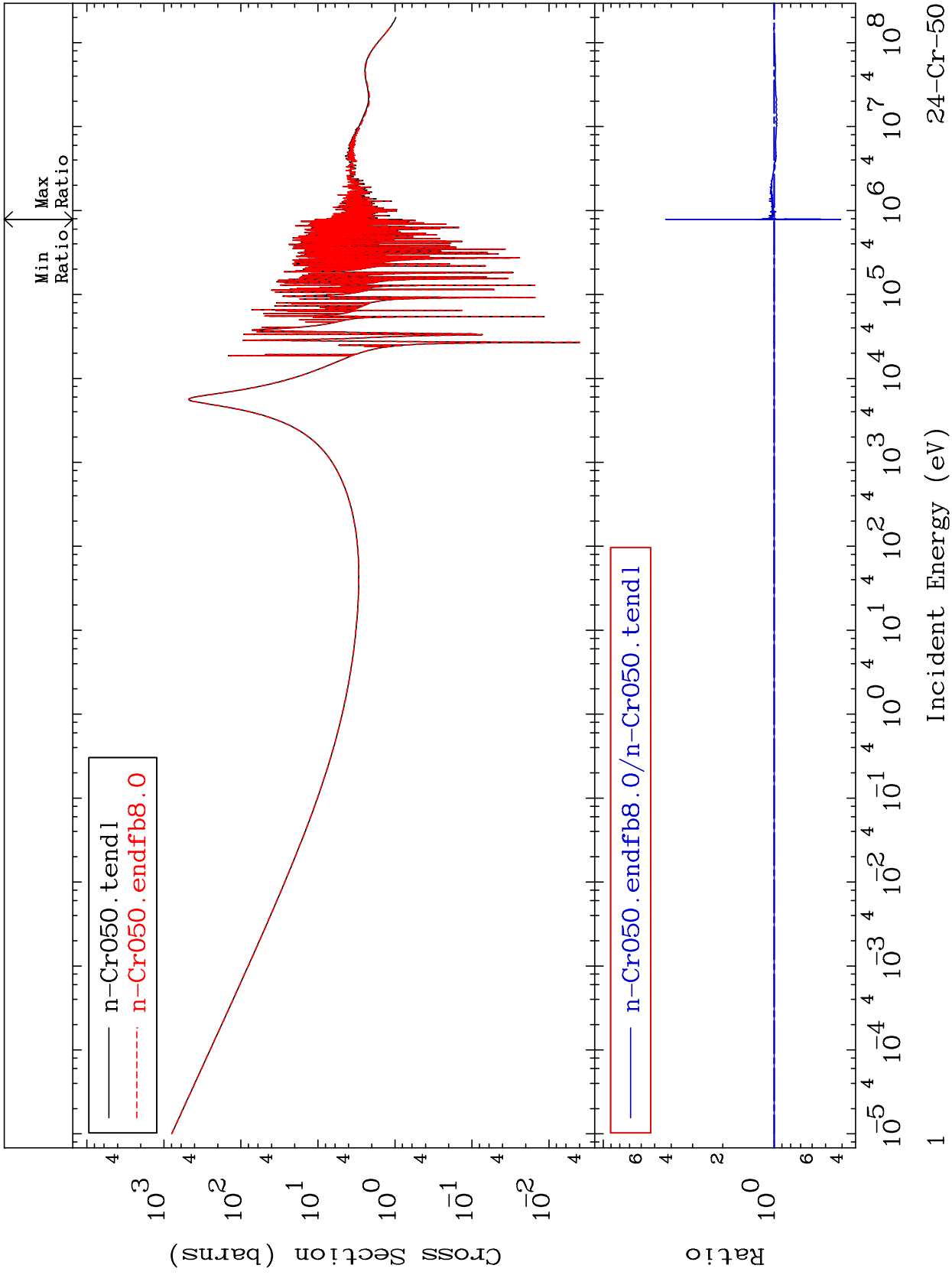


MAT 2425

Total  
Cross Section

24-Cr-50  
-59.18 To 331.9 %



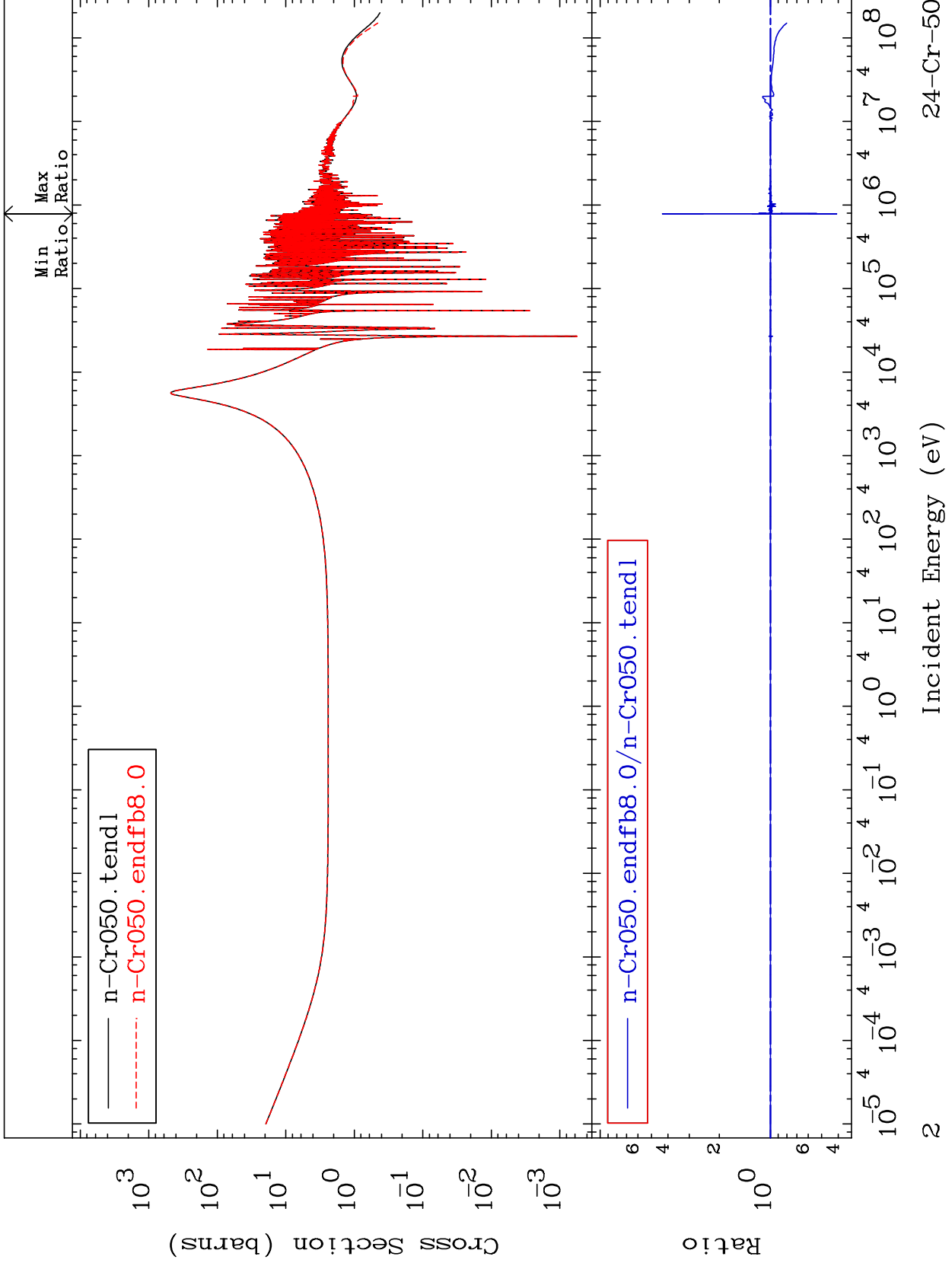
Incident Energy (eV)

24-Cr-50

MAT 2425

Elastic  
Cross Section

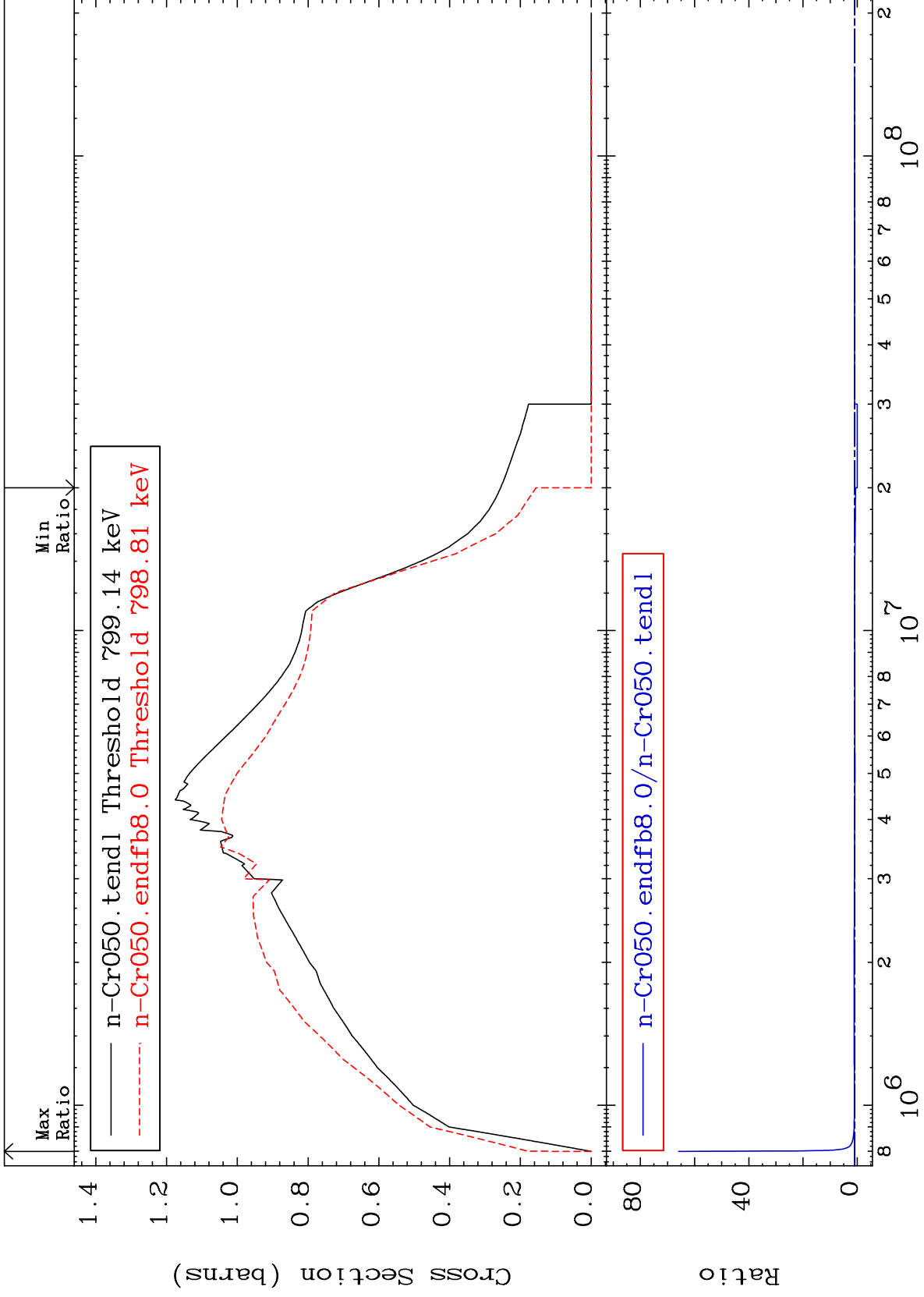
24-Cr-50  
-59.14 To 331.9 %



MAT 2425

Inelastic  
Cross Section

<sup>24</sup>Cr-50  
-100.0 To 6488. %



3

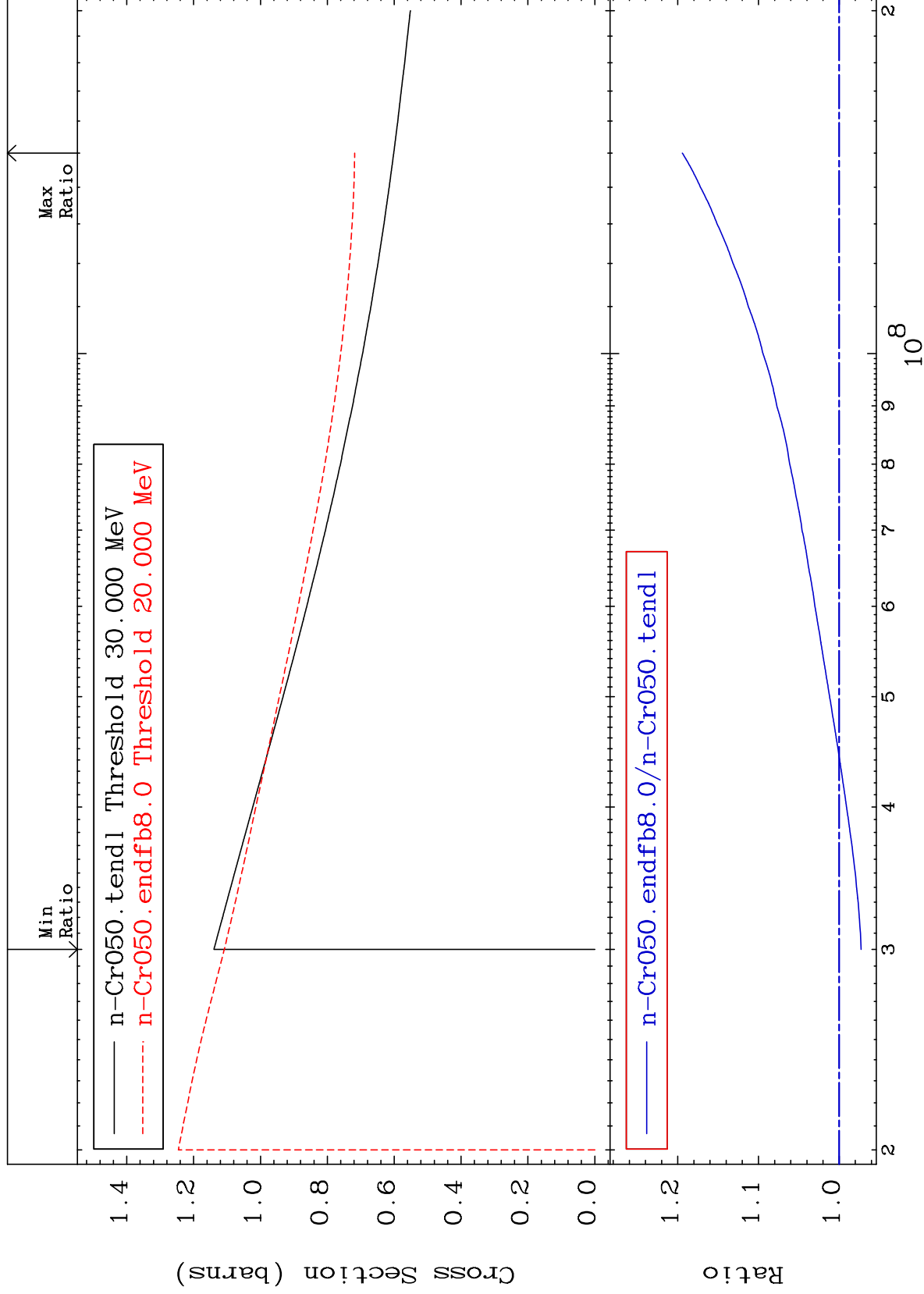
Incident Energy (eV)

<sup>24</sup>Cr-50

MAT 2425

(n, remainder)  
Cross Section

24-Cr-50  
-2.717 To 19.44 %



24-Cr-50

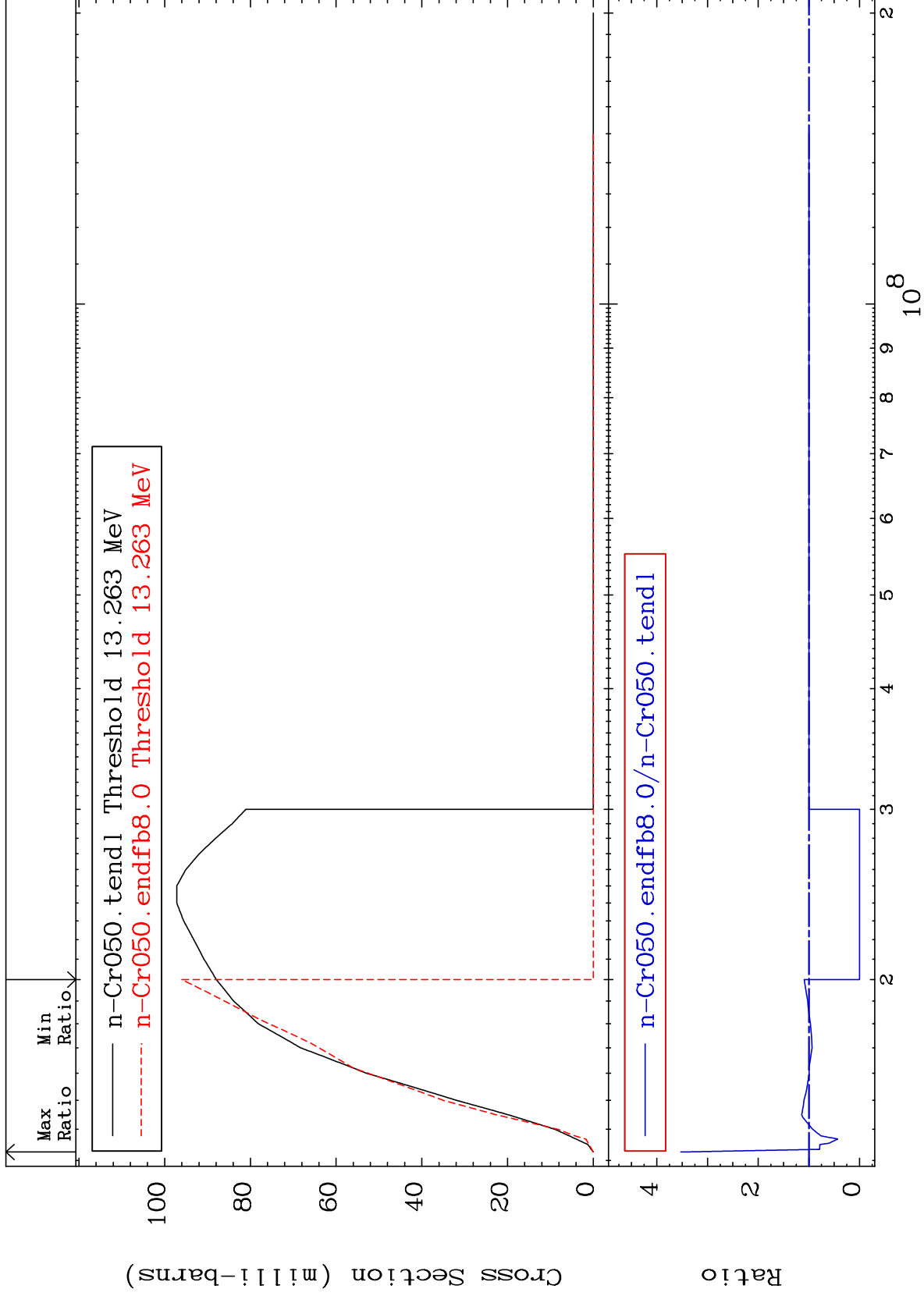
Incident Energy (eV)

4

MAT 2425

(n,2n)  
Cross Section

24-Cr-50  
-100.0 To 252.7 %



5

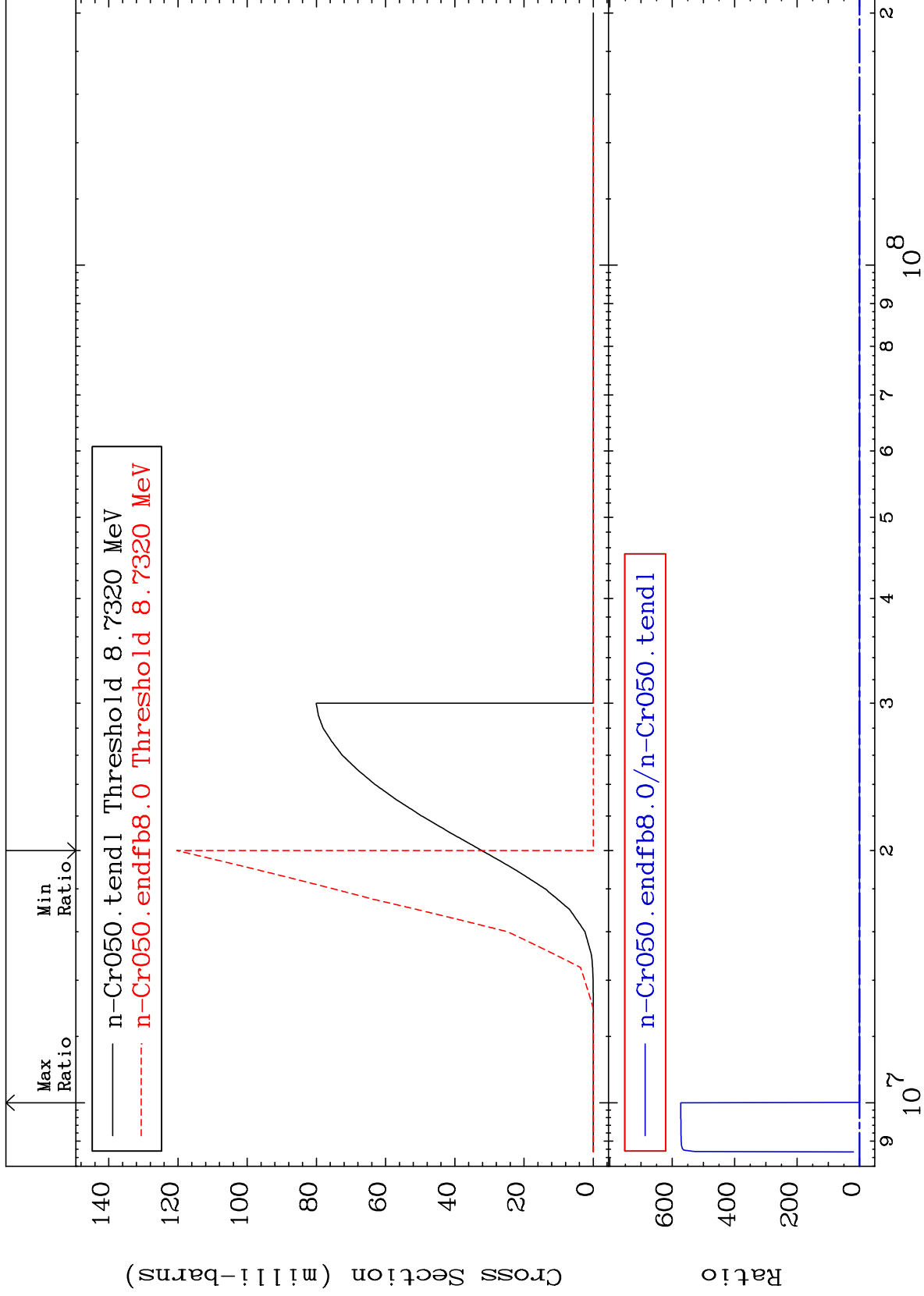
24-Cr-50

24-Cr-50

MAT 2425

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

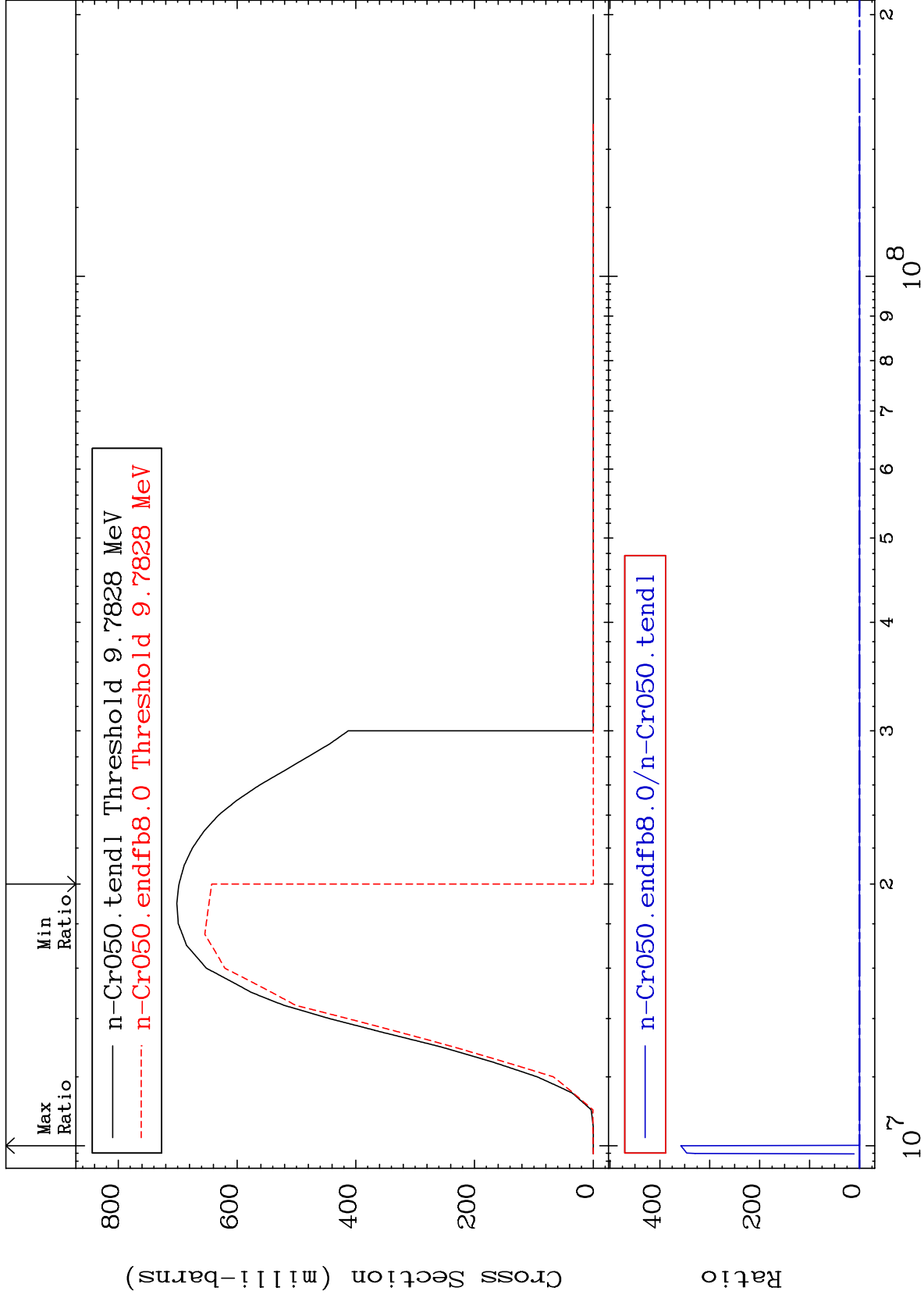
24-Cr-50  
-100.0 To 9999. %



MAT 2425

(n,n') p  
Cross Section

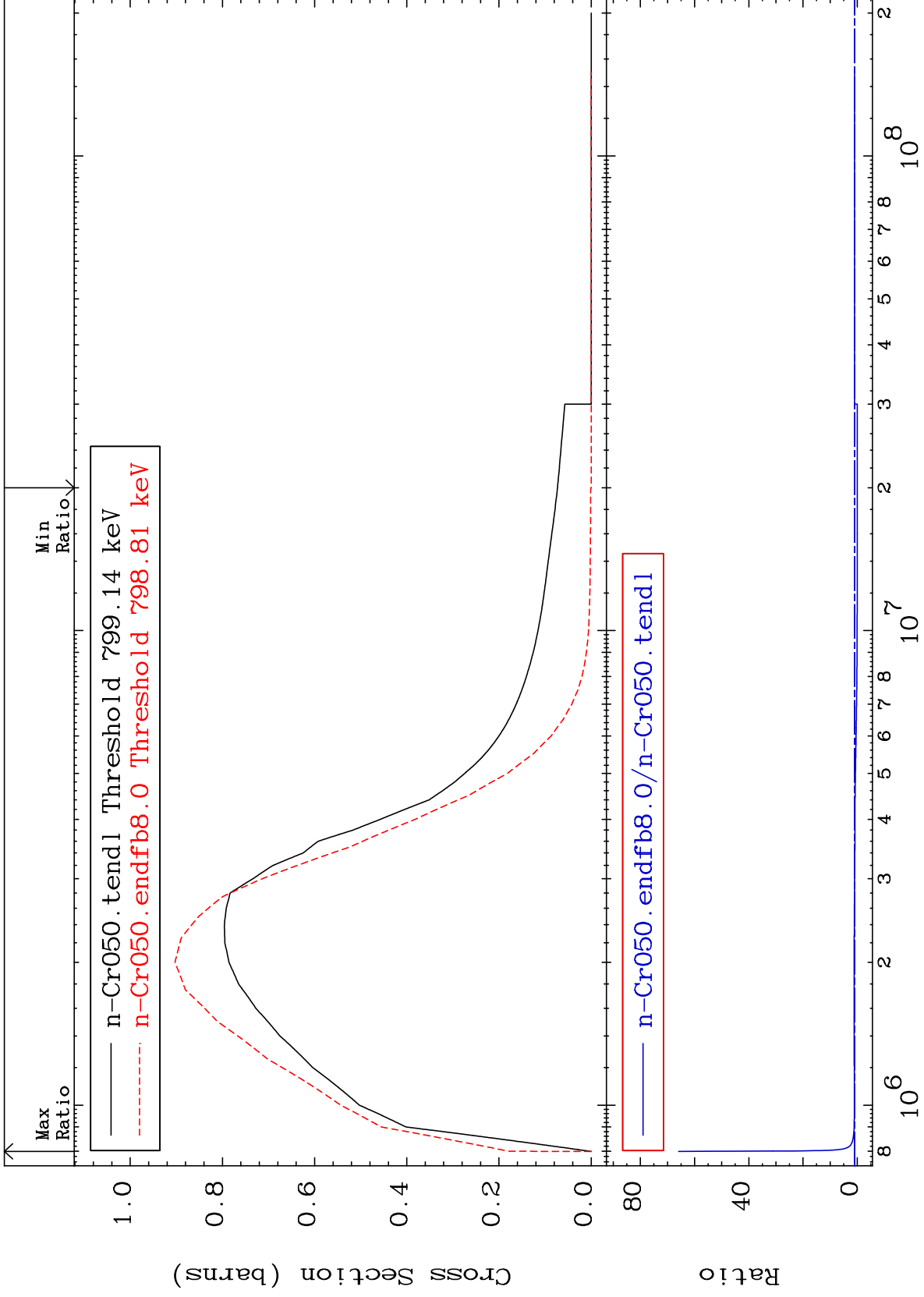
24-Cr-50  
-100.0 To 9999. %



MAT 2425

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

24-Cr-50  
-100.0 To 6488. %

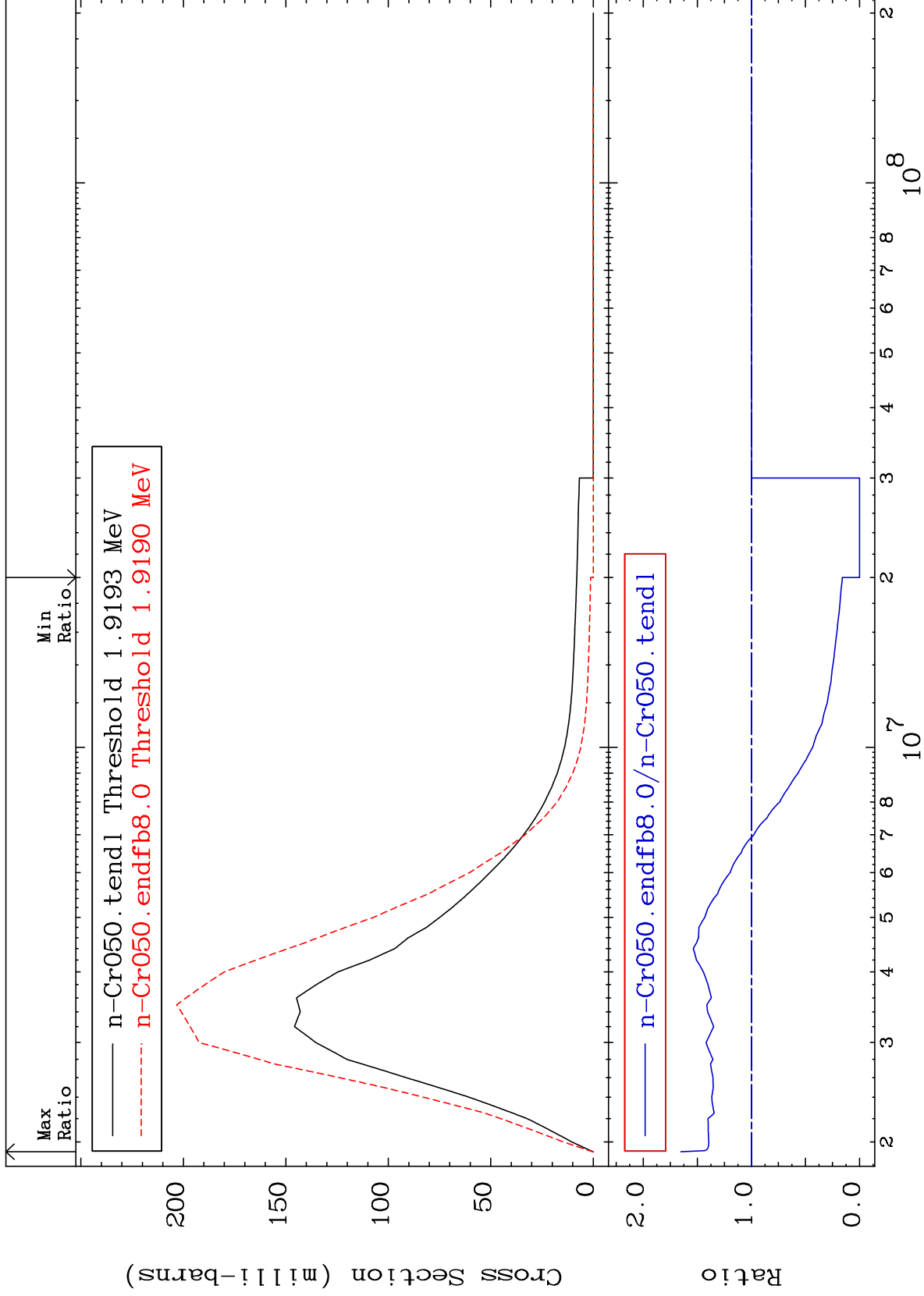




MAT 2425

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

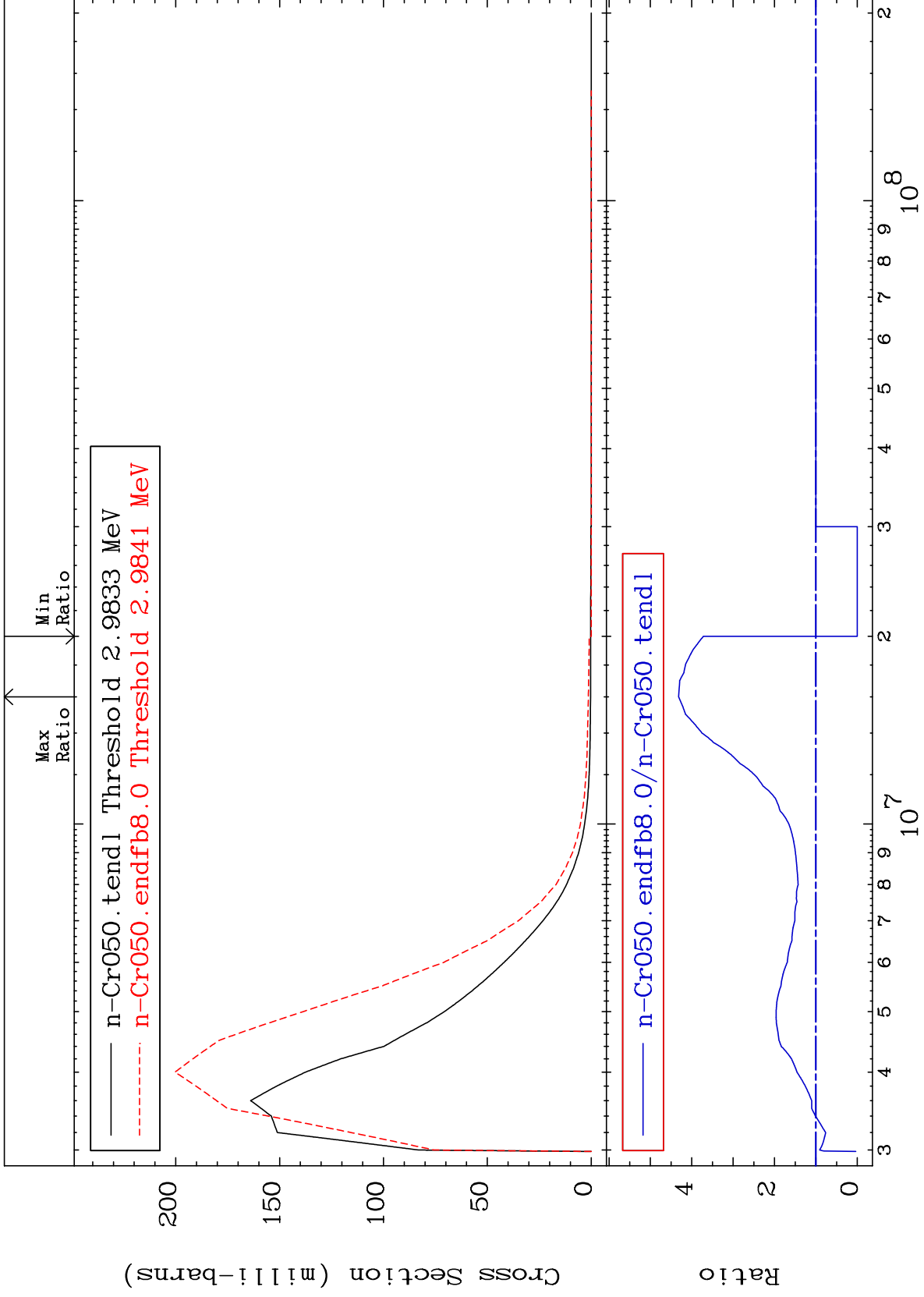
24-Cr-50  
-100.0 To 65.34 %



MAT 2425

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

24-Cr-50  
-100.0 To 331.8 %



10

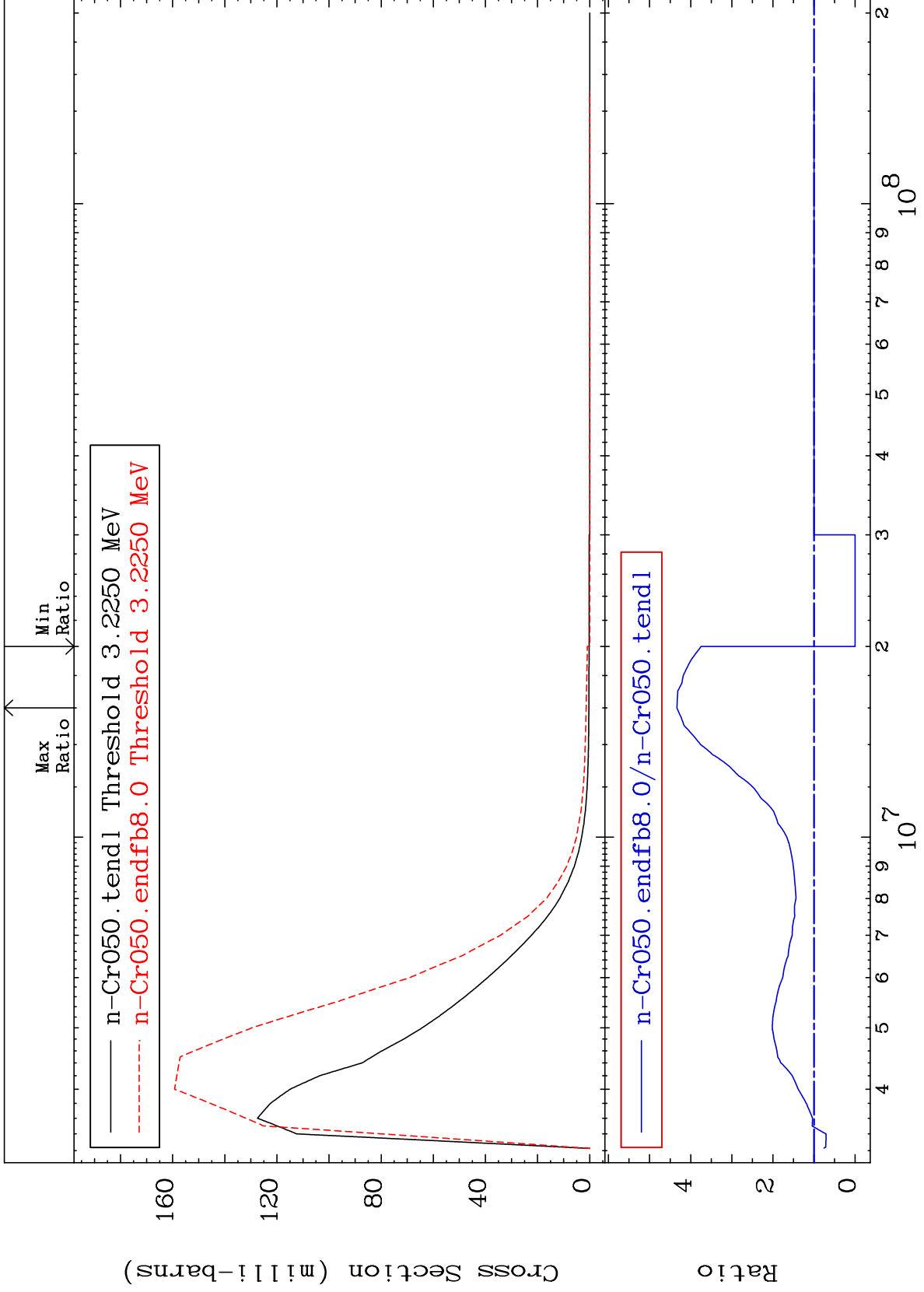
Incident Energy (eV)

24-Cr-50

MAT 2425

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

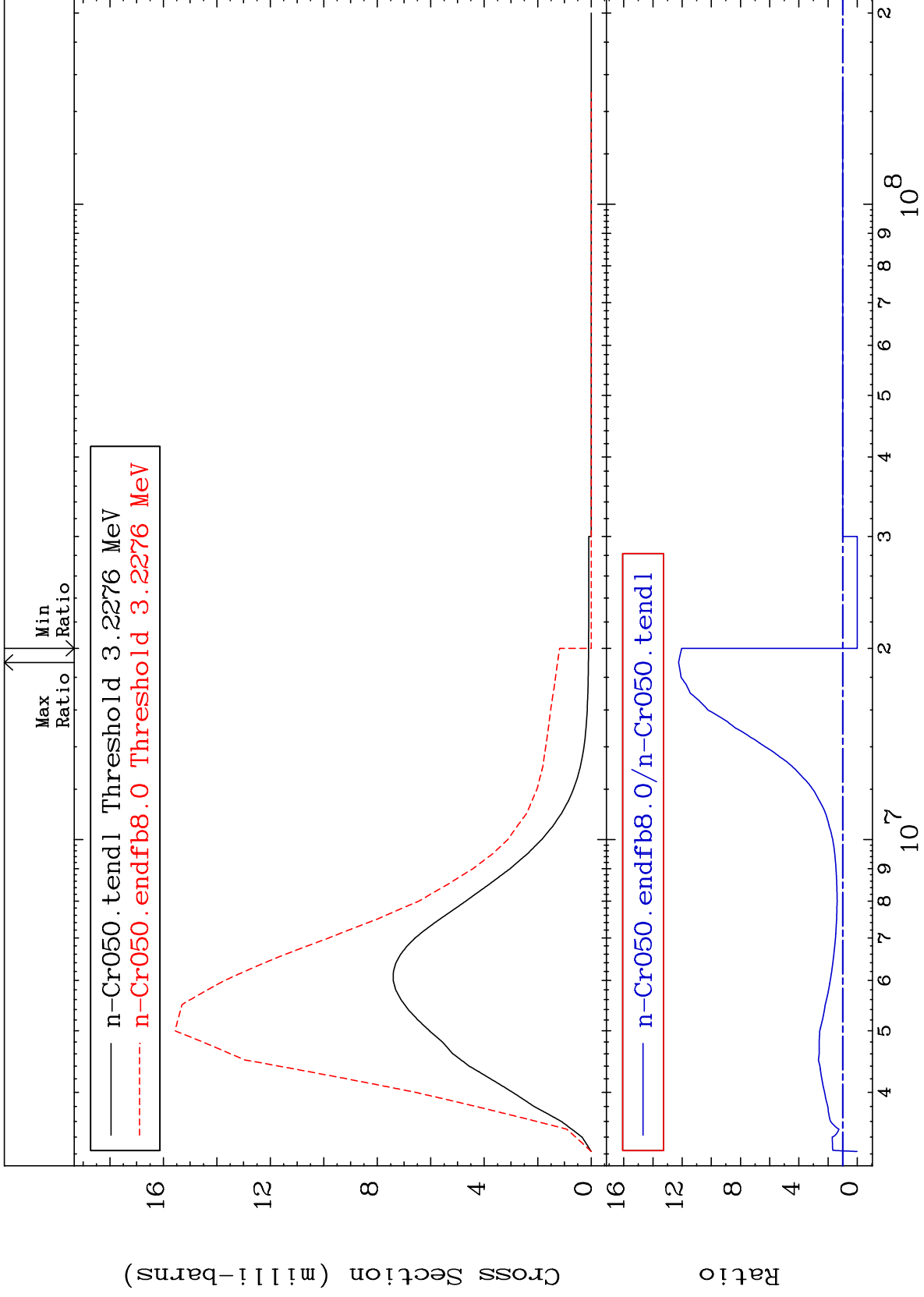
24-Cr-50  
-100.0 To 333.5 %



MAT 2425

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

<sup>24</sup>Cr-50  
-100.0 To 1124. %



12

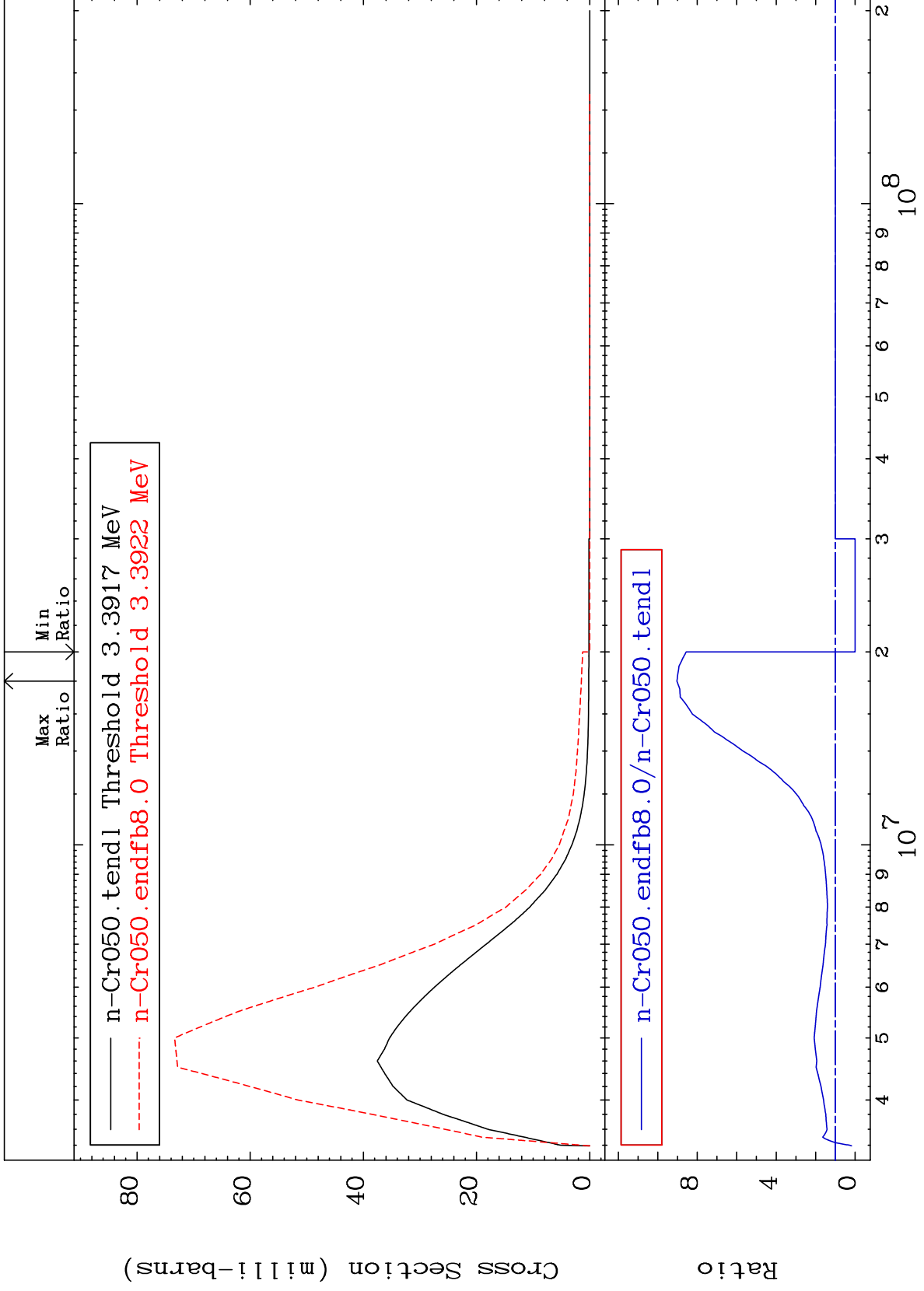
Incident Energy (eV)

<sup>24</sup>Cr-50

MAT 2425

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

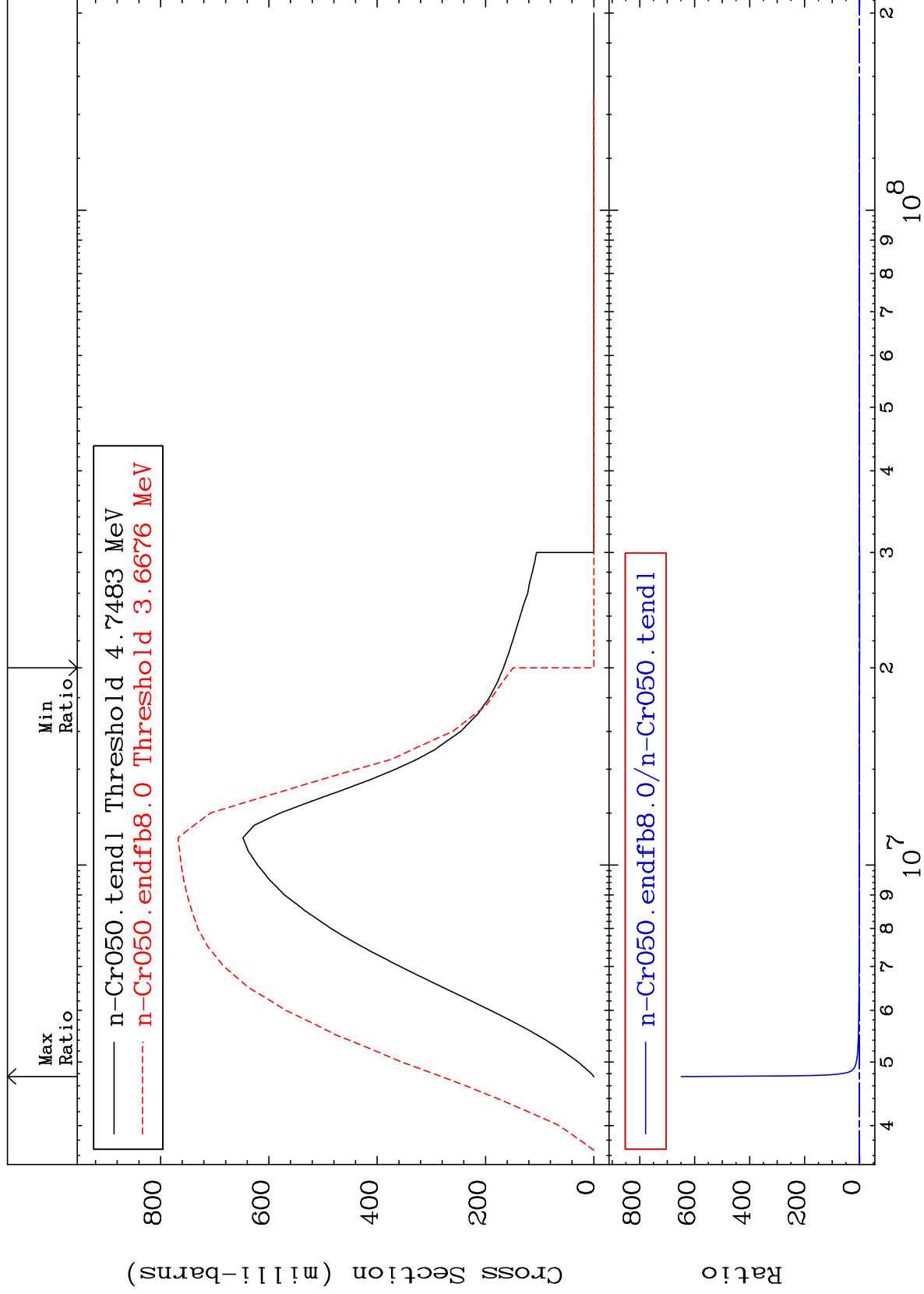
24-Cr-50  
-100.0 To 803.0 %



MAT 2425

(n, n') Continuum  
Cross Section

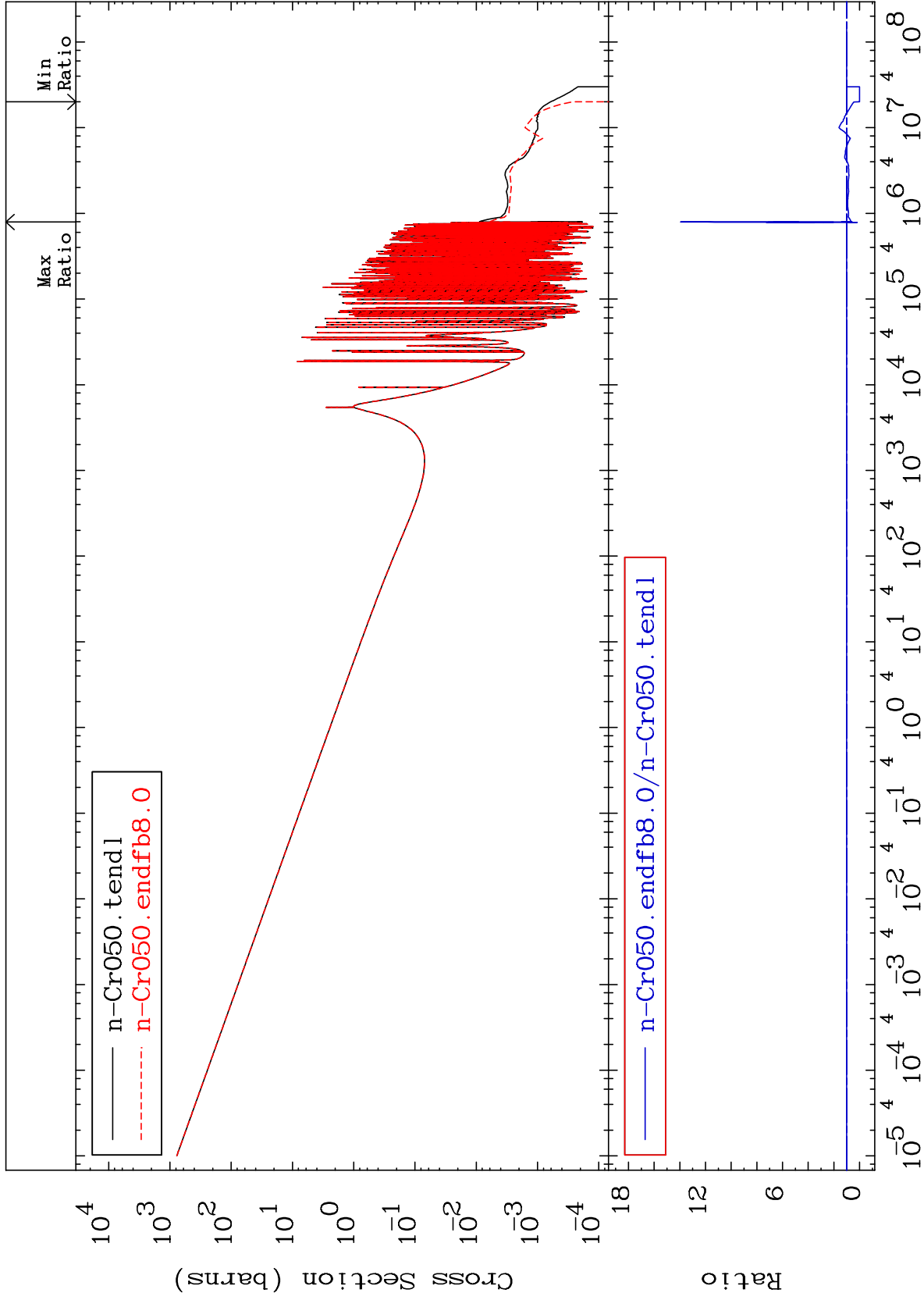
24-Cr-50  
-100.0 To 9999. %



MAT 2425

(n,  $\gamma$ )  
Cross Section

24-Cr-50  
-100.0 To 1293. %



24-Cr-50

Incident Energy (eV)

15

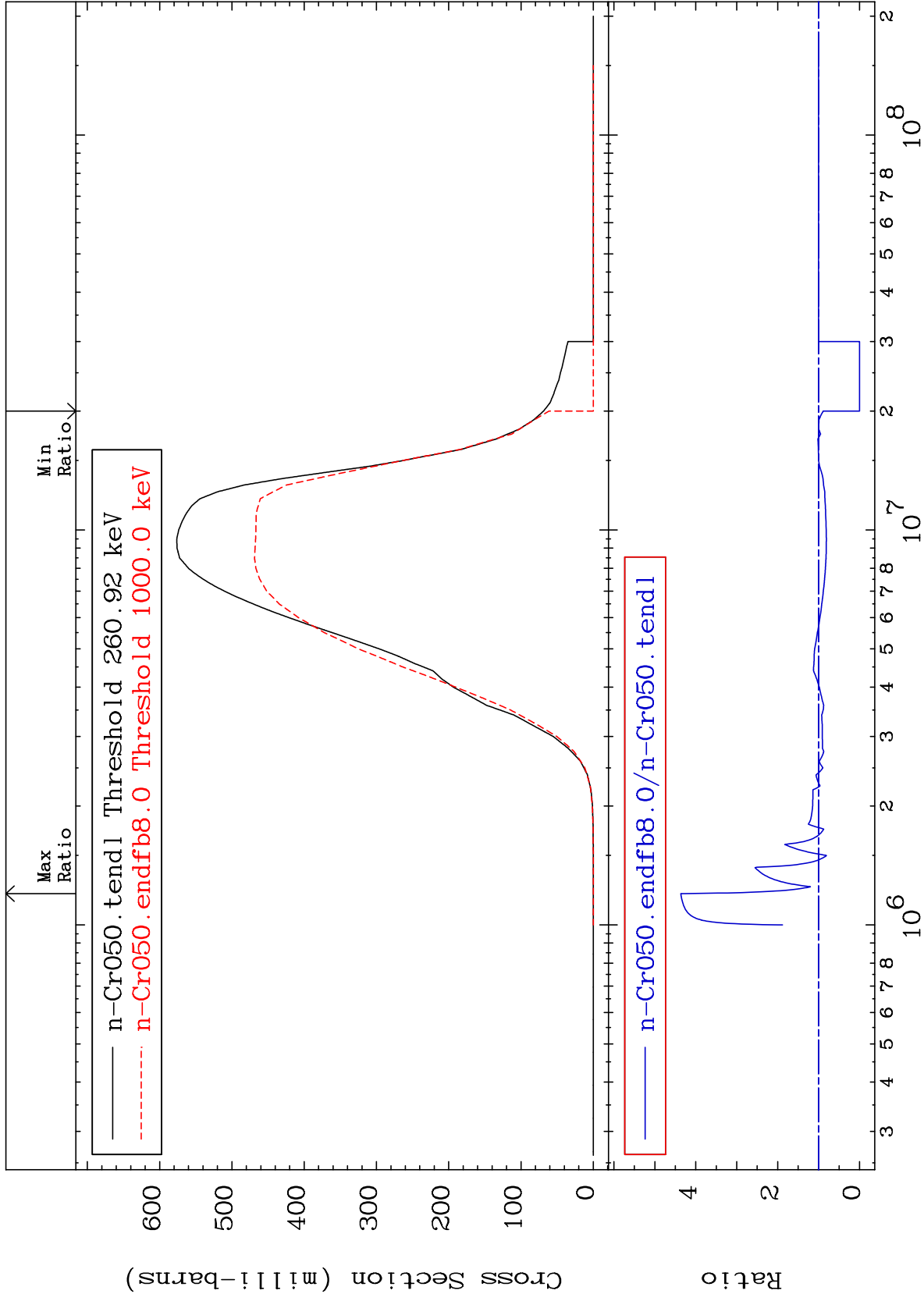
MAT 2425

(n,p)

<sup>24</sup>Cr-50

Cross Section

-100.0 To 336.7 %



16

Incident Energy (eV)

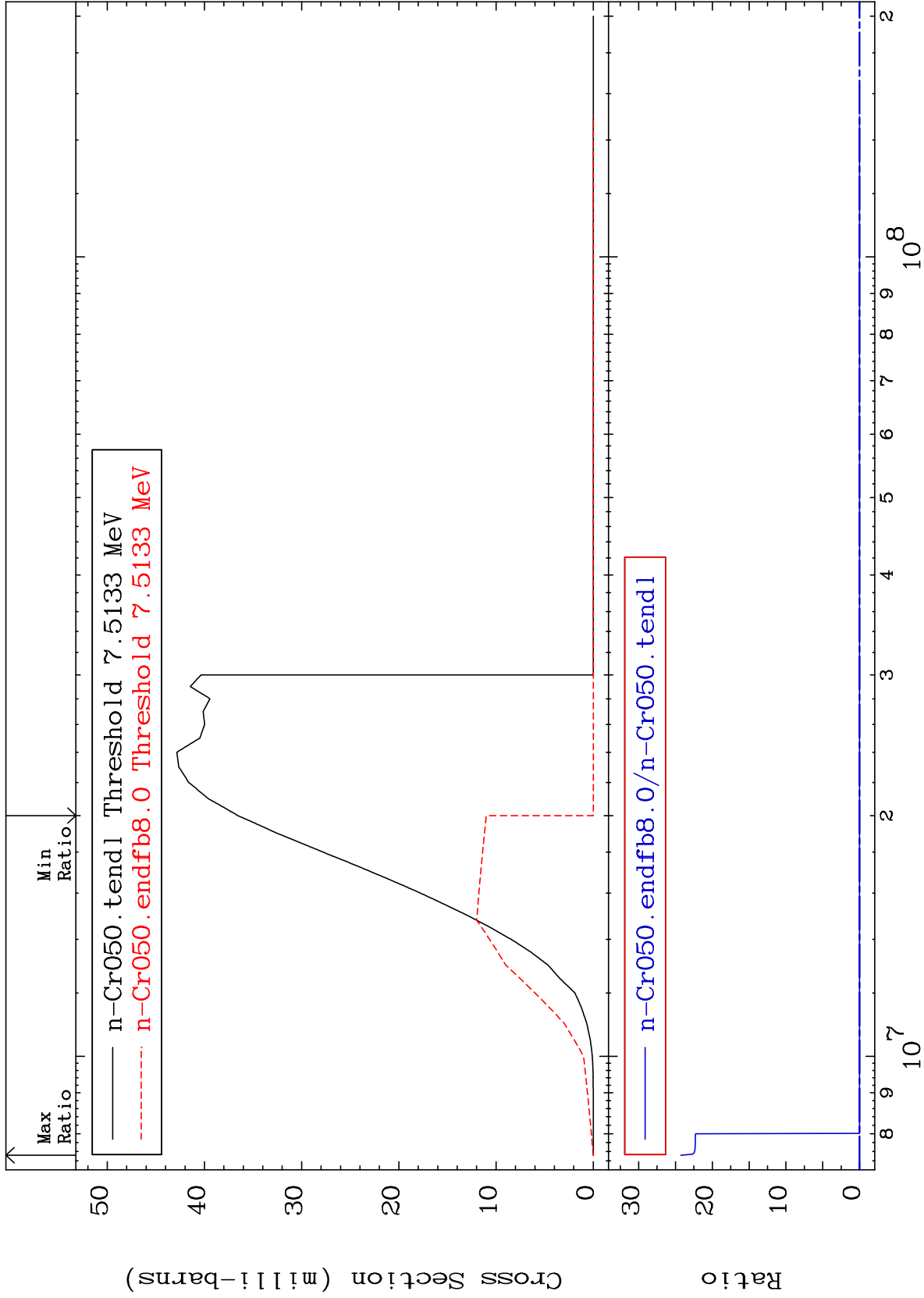
<sup>24</sup>Cr-50



MAT 2425

(n, d)  
Cross Section

24-Cr-50  
-100.0 To 9999. %



17

Incident Energy (eV)

24-Cr-50

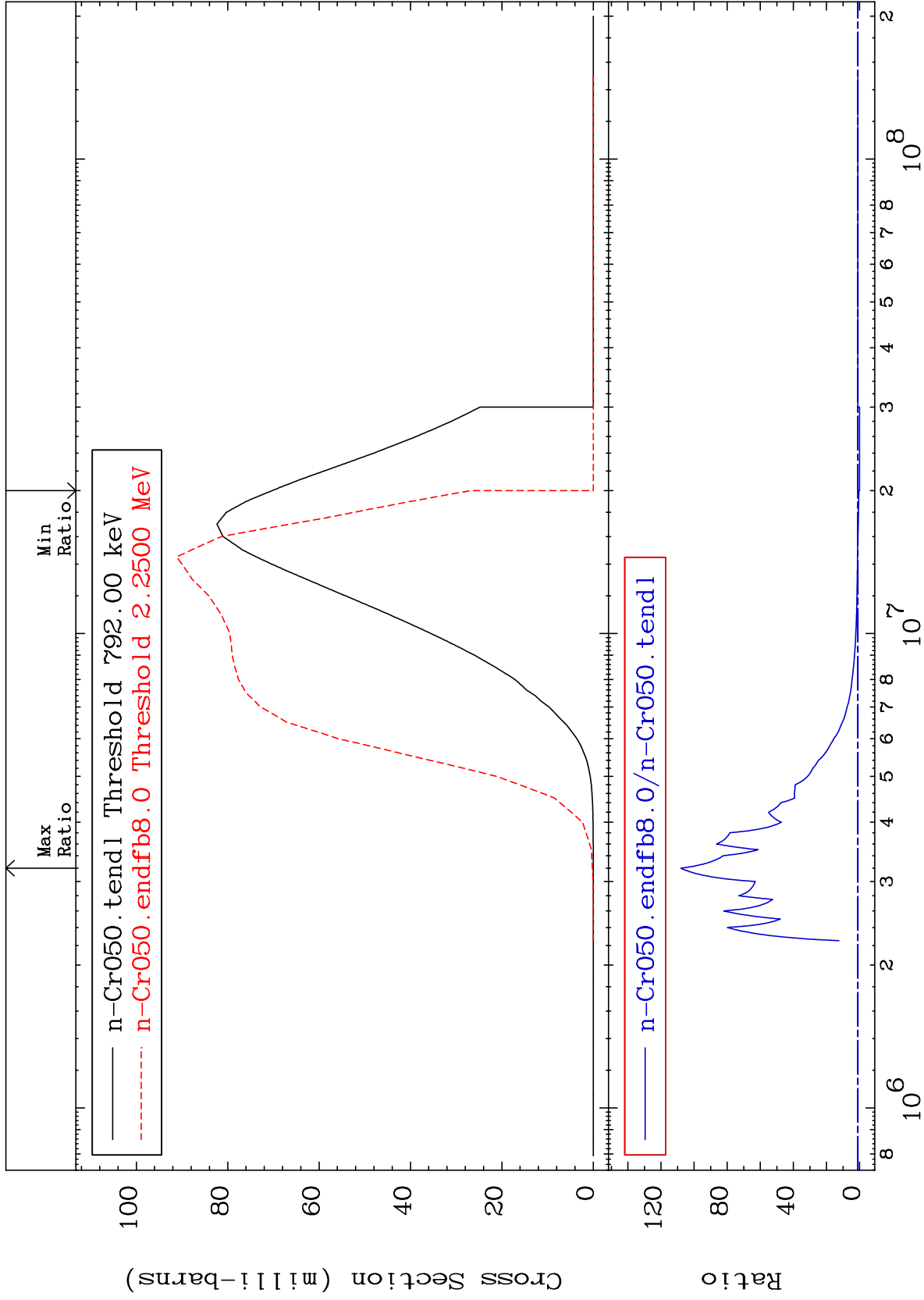
MAT 2425

(n,  $\alpha$ )

<sup>24</sup>Cr-50

Cross Section

-100.0 To 9999. %



18

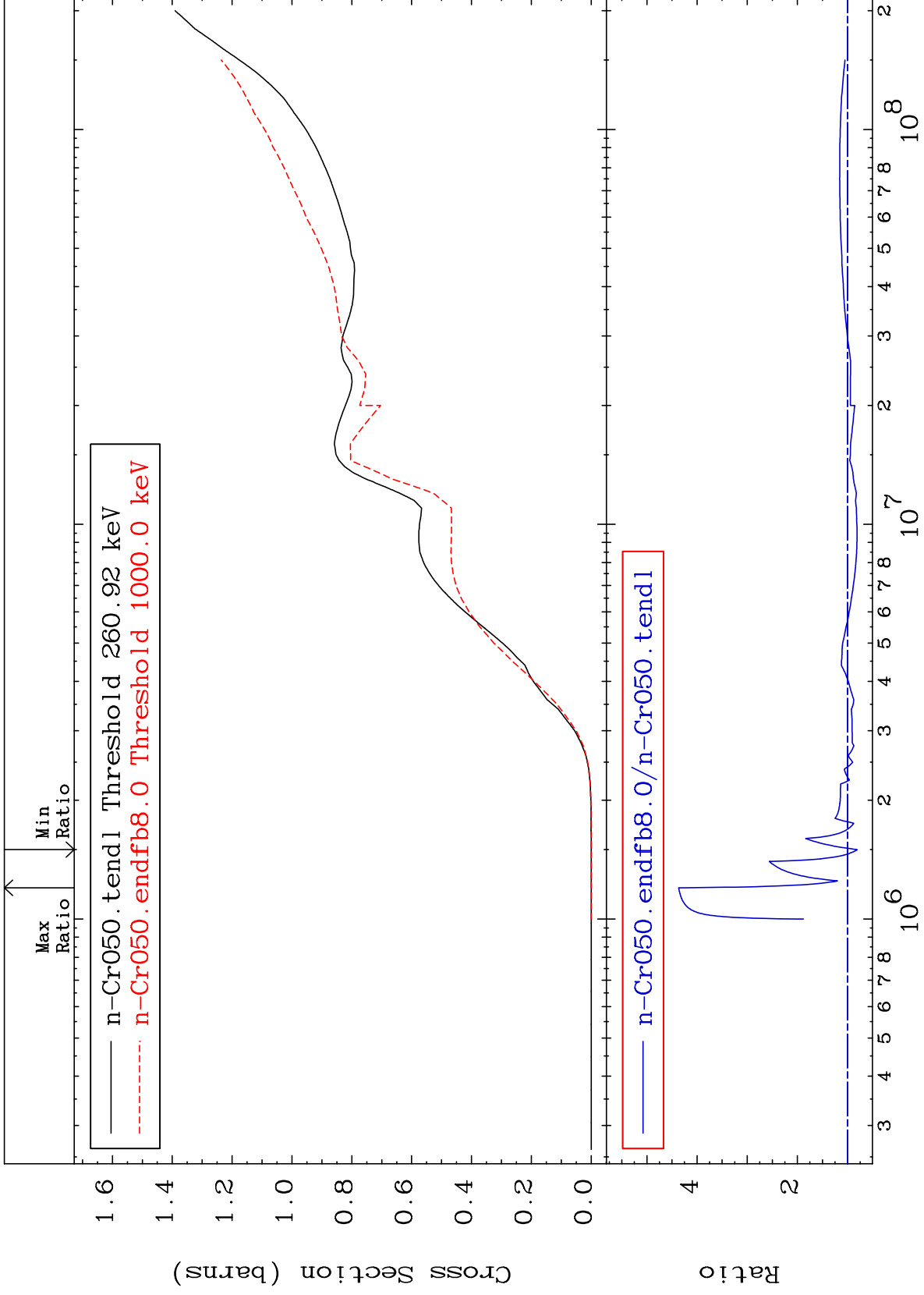
Incident Energy (eV)

<sup>24</sup>Cr-50

MAT 2425

Hydrogen Production  
Cross Section

<sup>24</sup>Cr-50  
-19.38 To 336.7 %



19

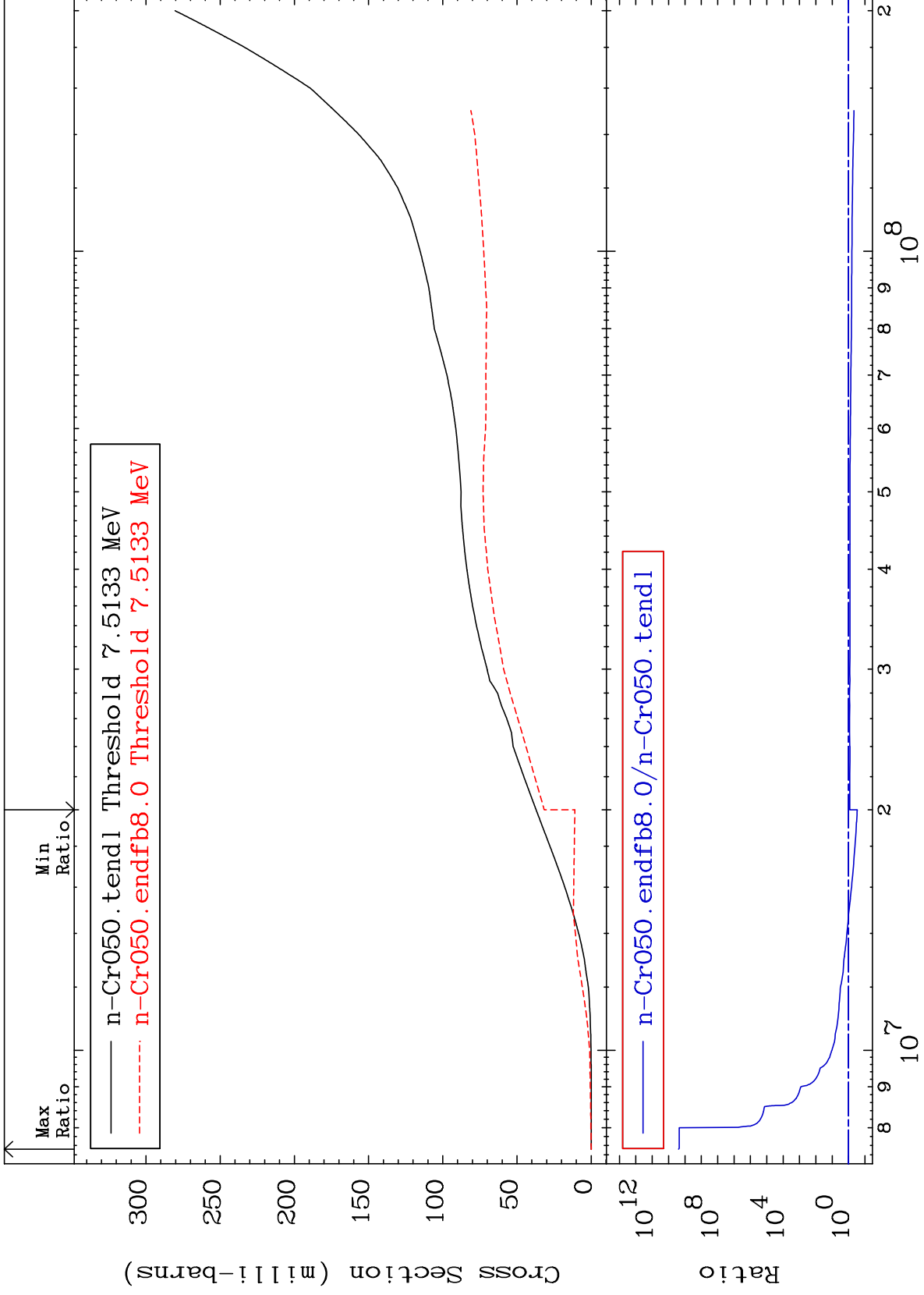
Incident Energy (eV)

<sup>24</sup>Cr-50

MAT 2425

Deuterium Production  
Cross Section

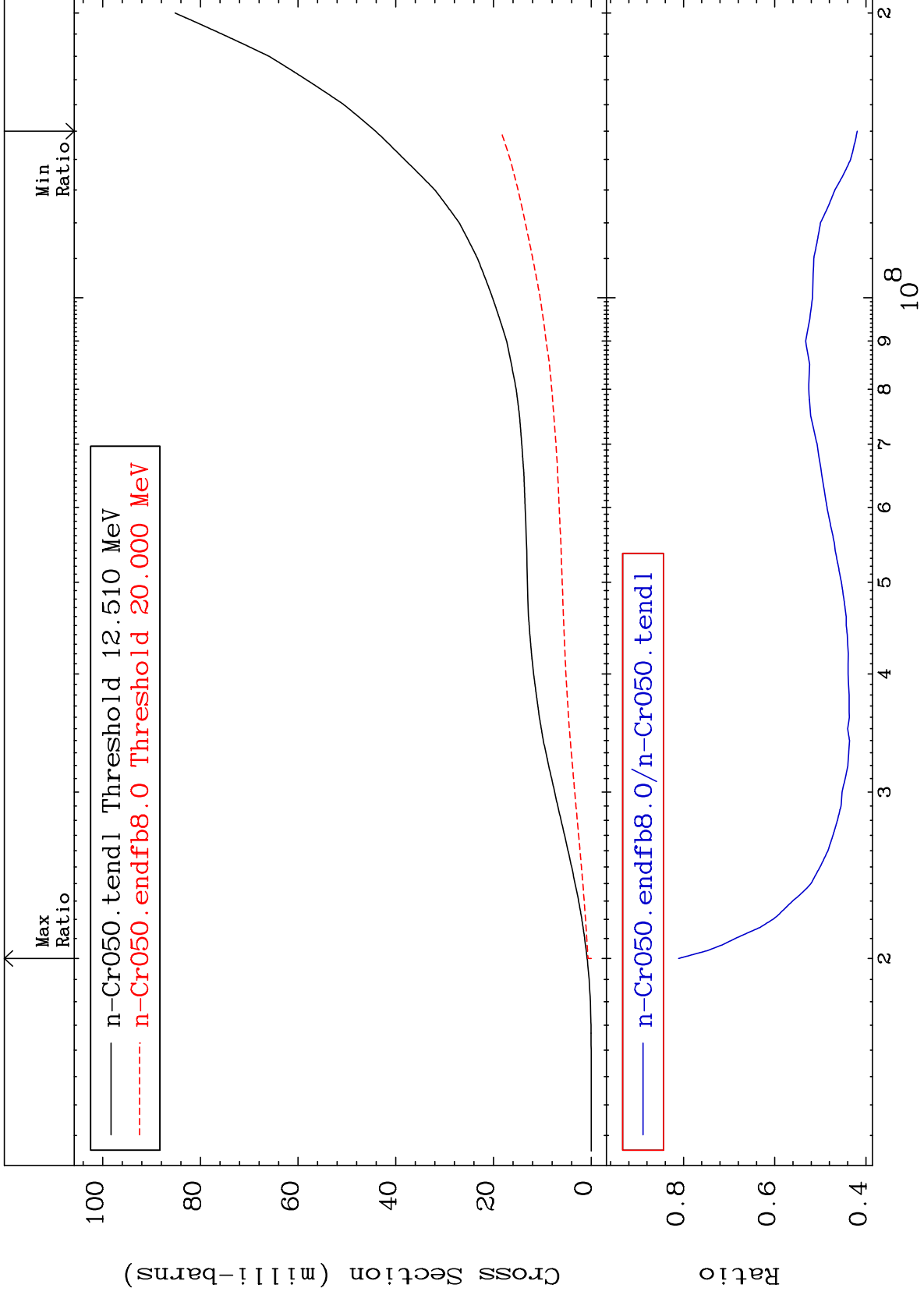
24-Cr-50  
-70.40 To 9999. %



MAT 2425

Tritium Production  
Cross Section

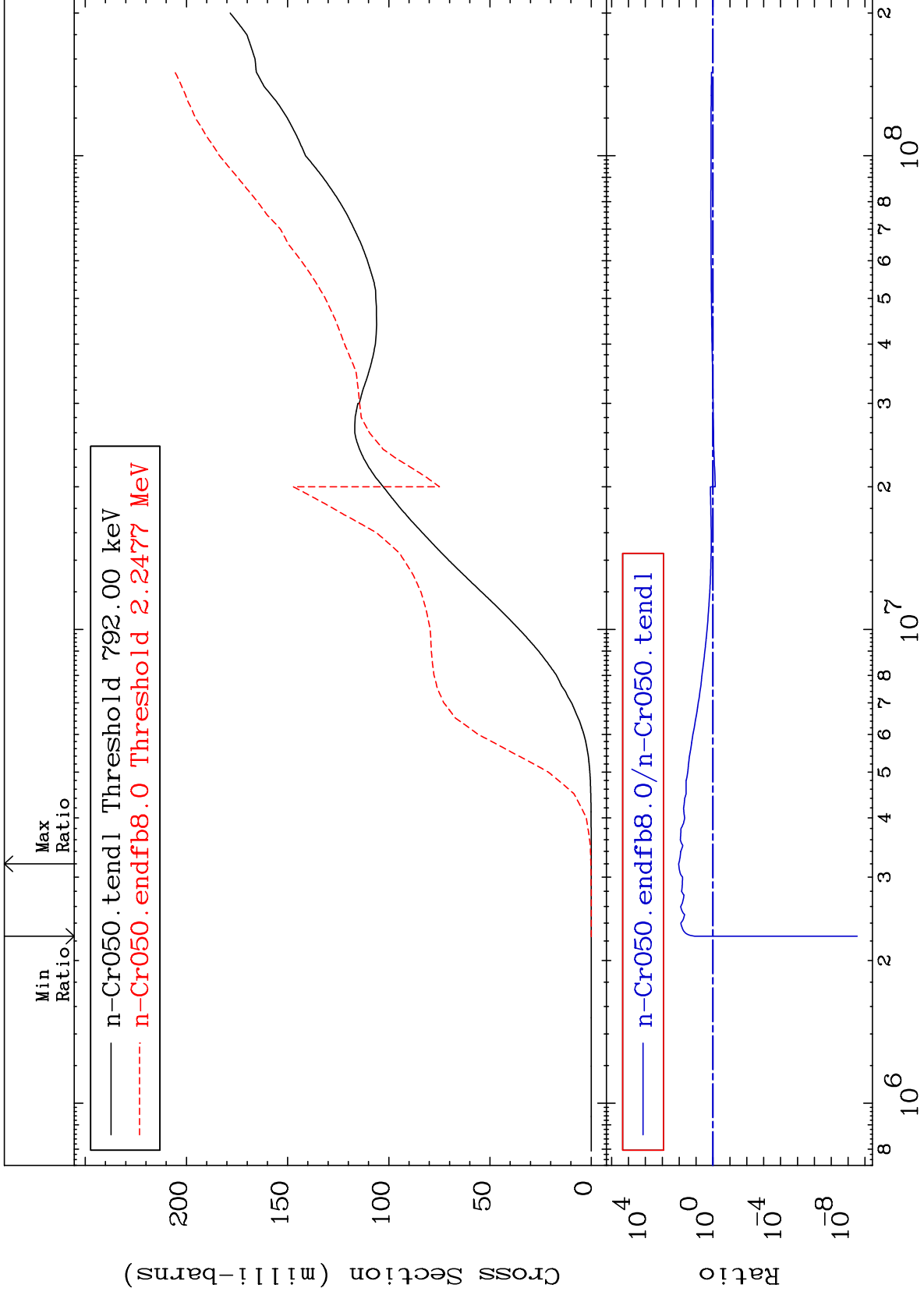
$^{24}\text{Cr-50}$   
-58.10 To -18.92%

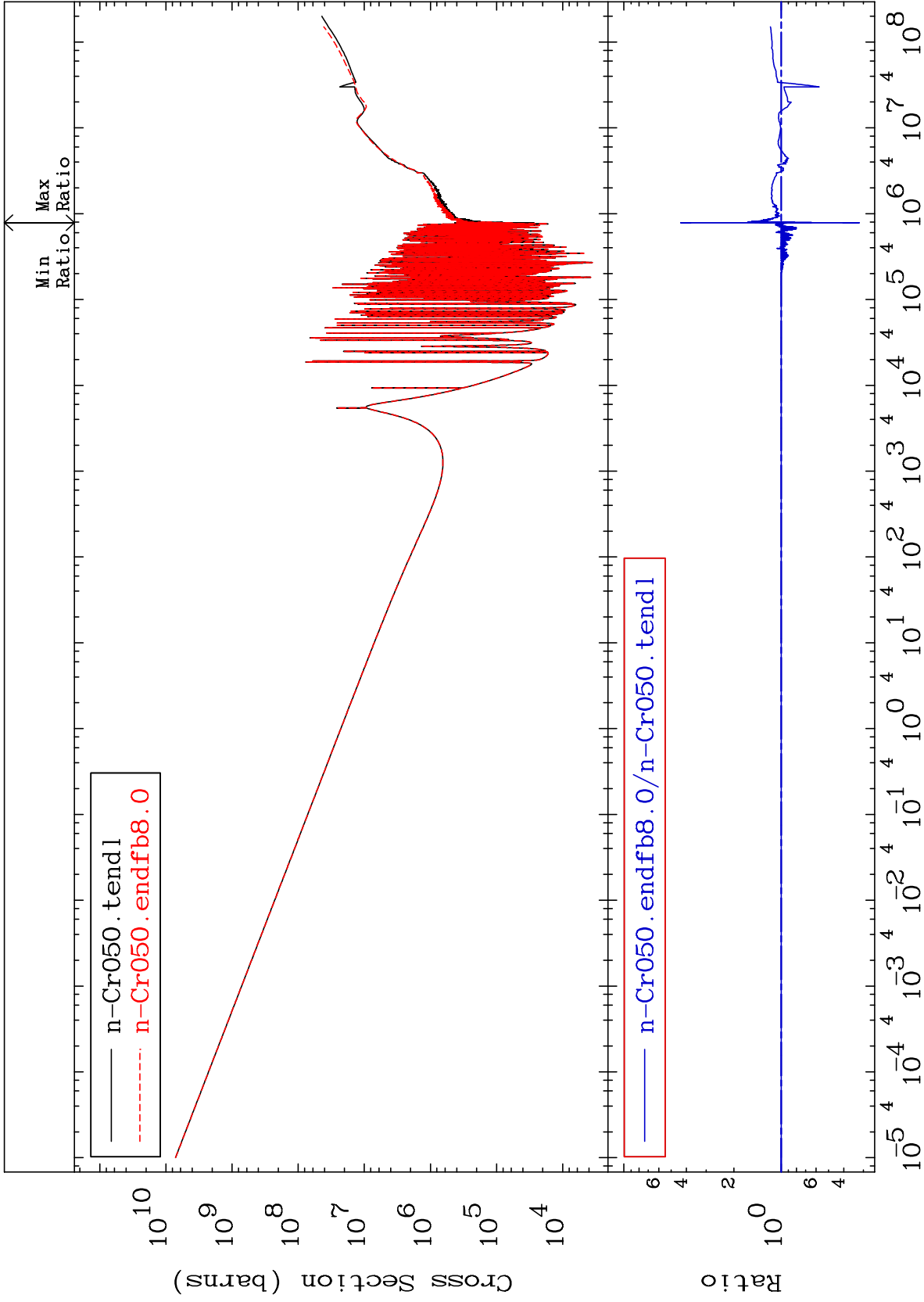


MAT 2425

He-4 Production  
Cross Section

<sup>24</sup>Cr-50  
-100.0 To 9999. %

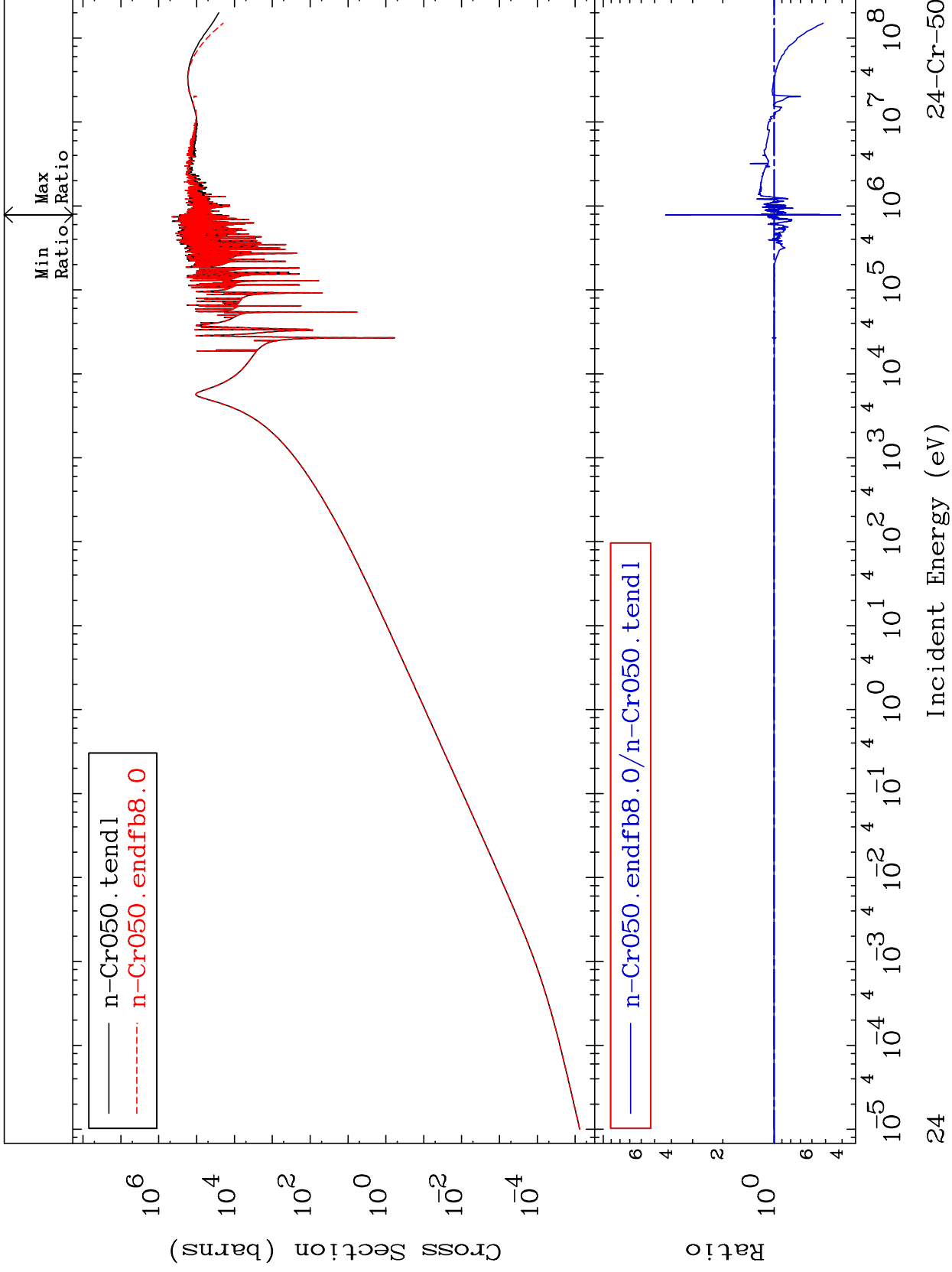




MAT 2425

Kerma elastic  
Cross Section

24-Cr-50  
-59.26 To 332.4 %

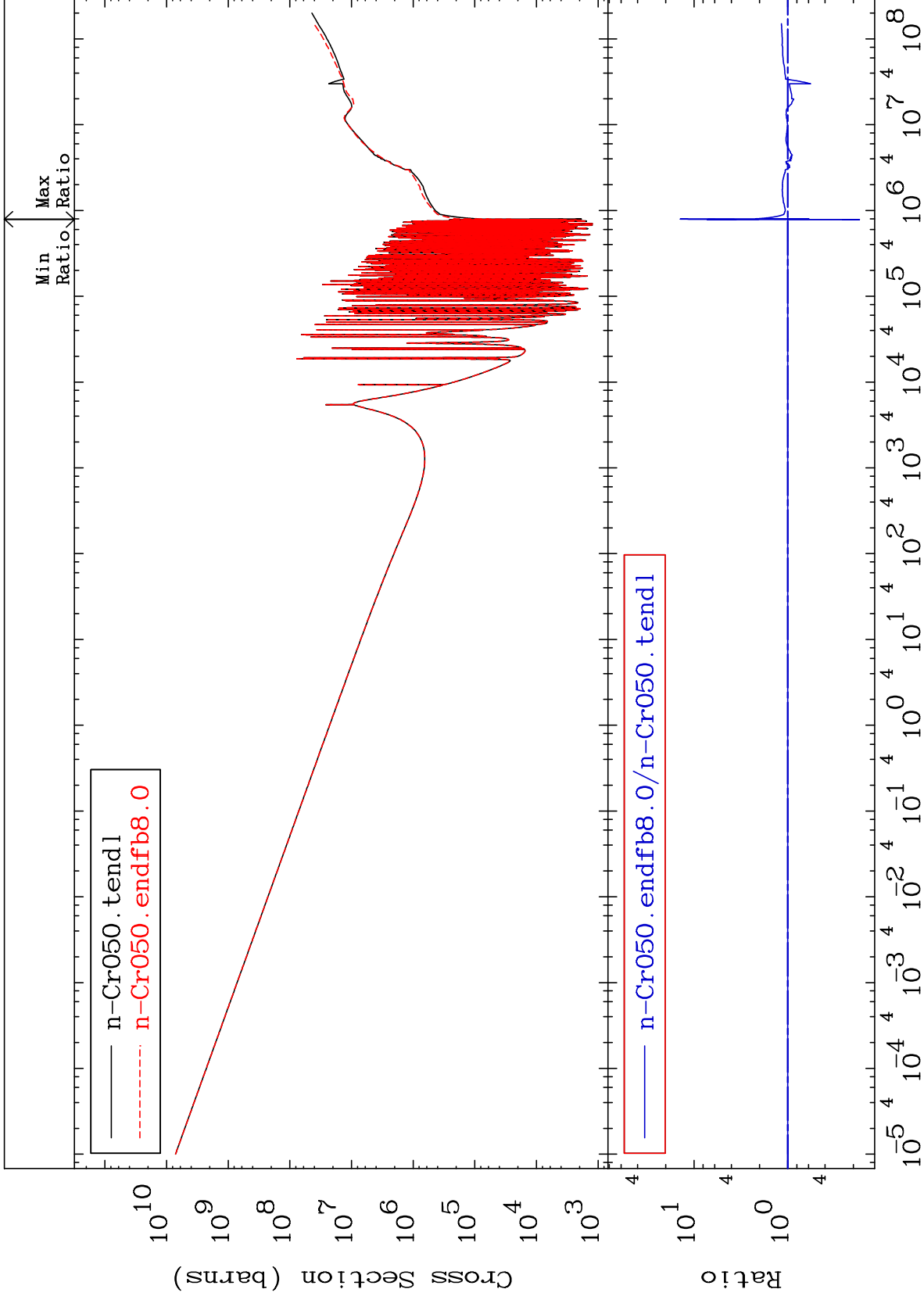


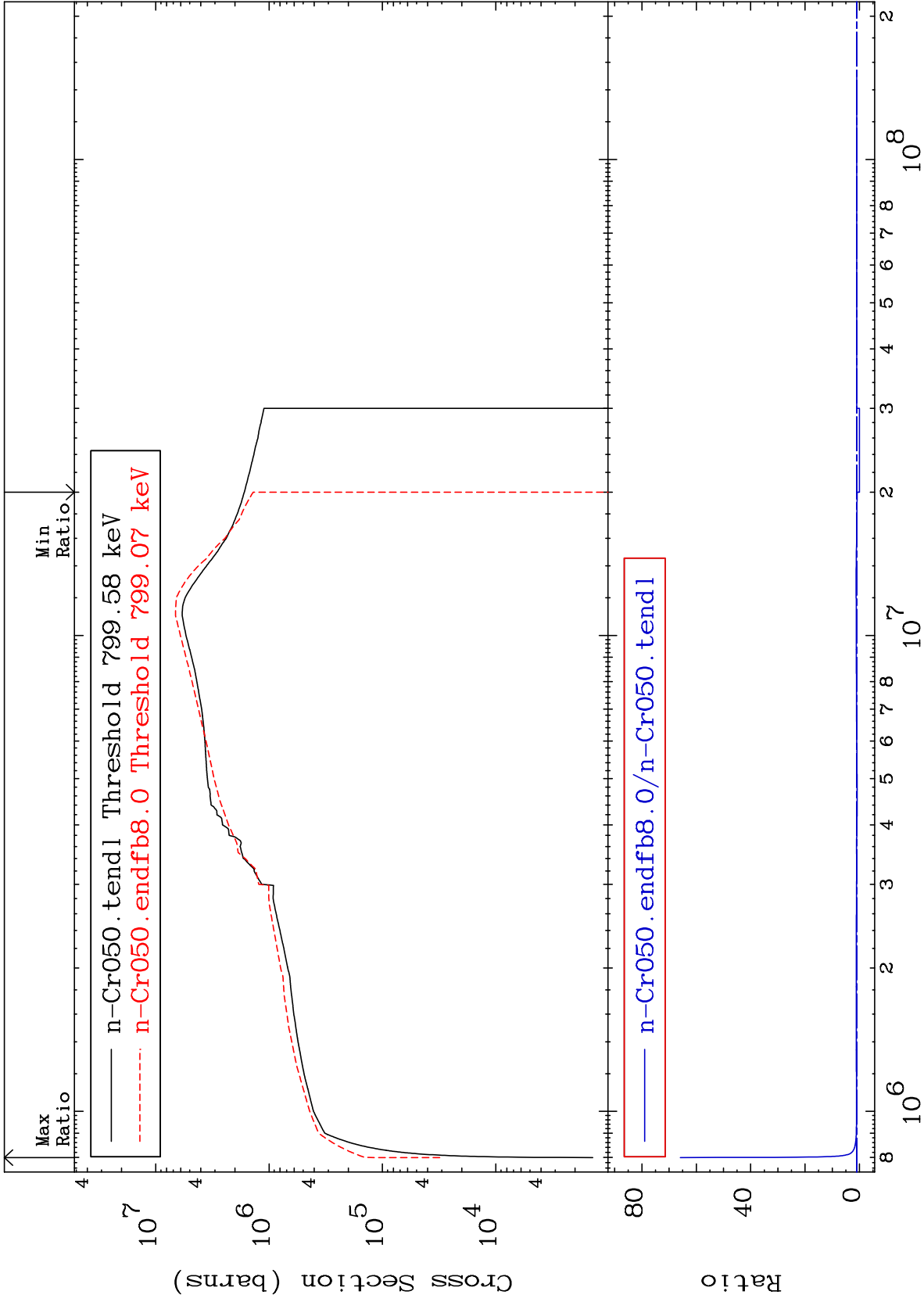
24

Incident Energy (eV)

24-Cr-50



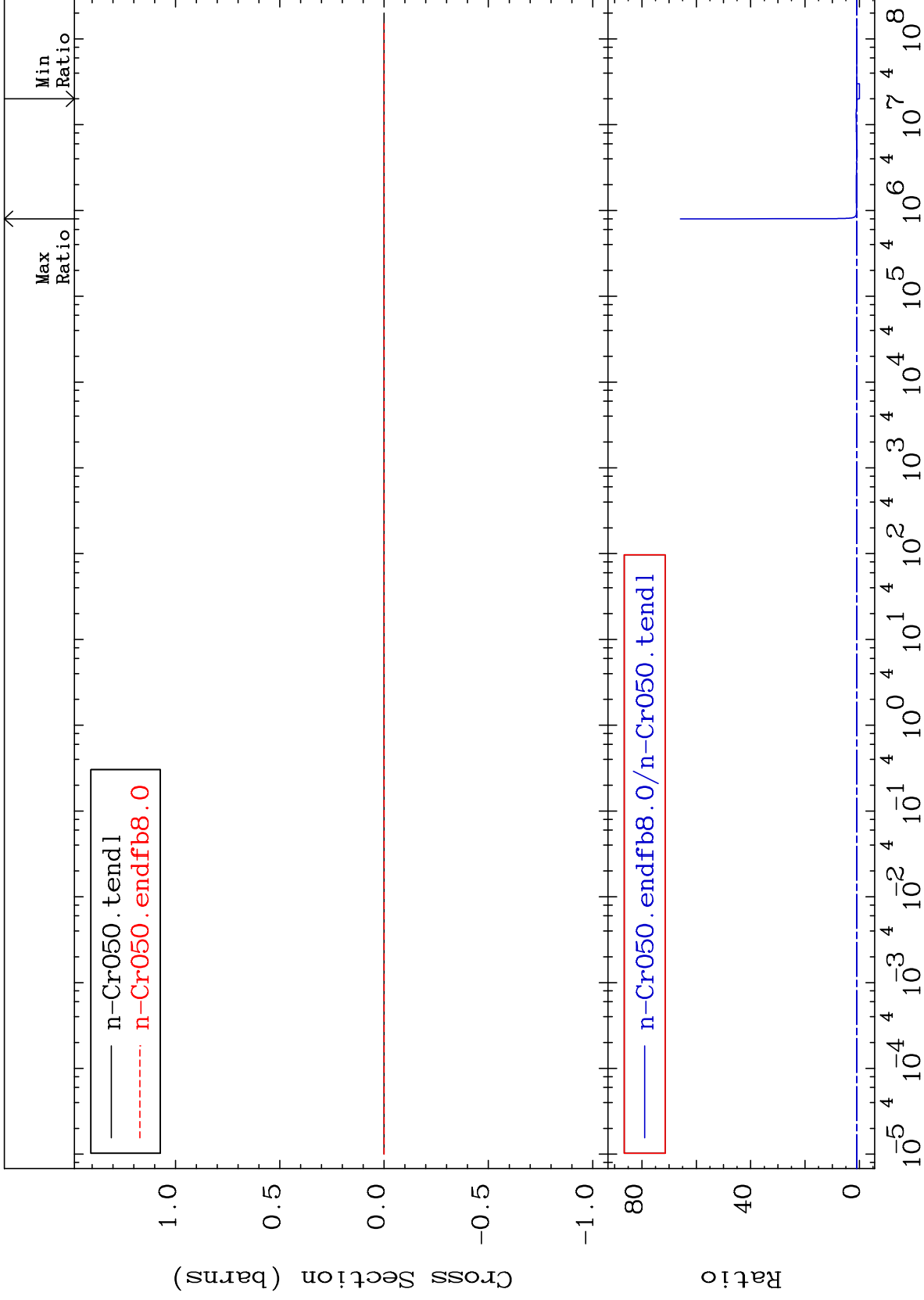




MAT 2425

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

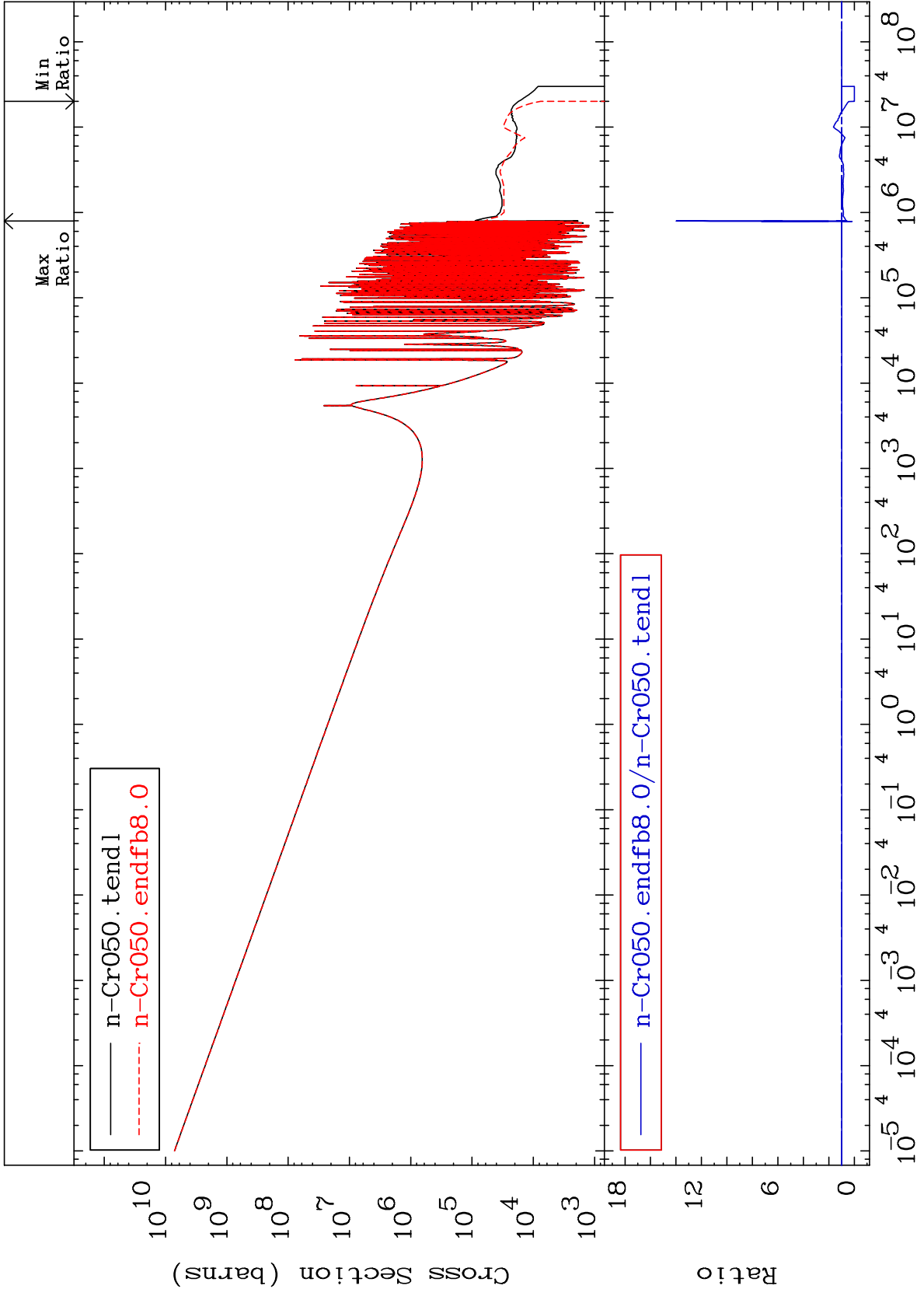
24-Cr-50  
-100.0 To 6485. %



MAT 2425

Kerma capture (mt102)  
Cross Section

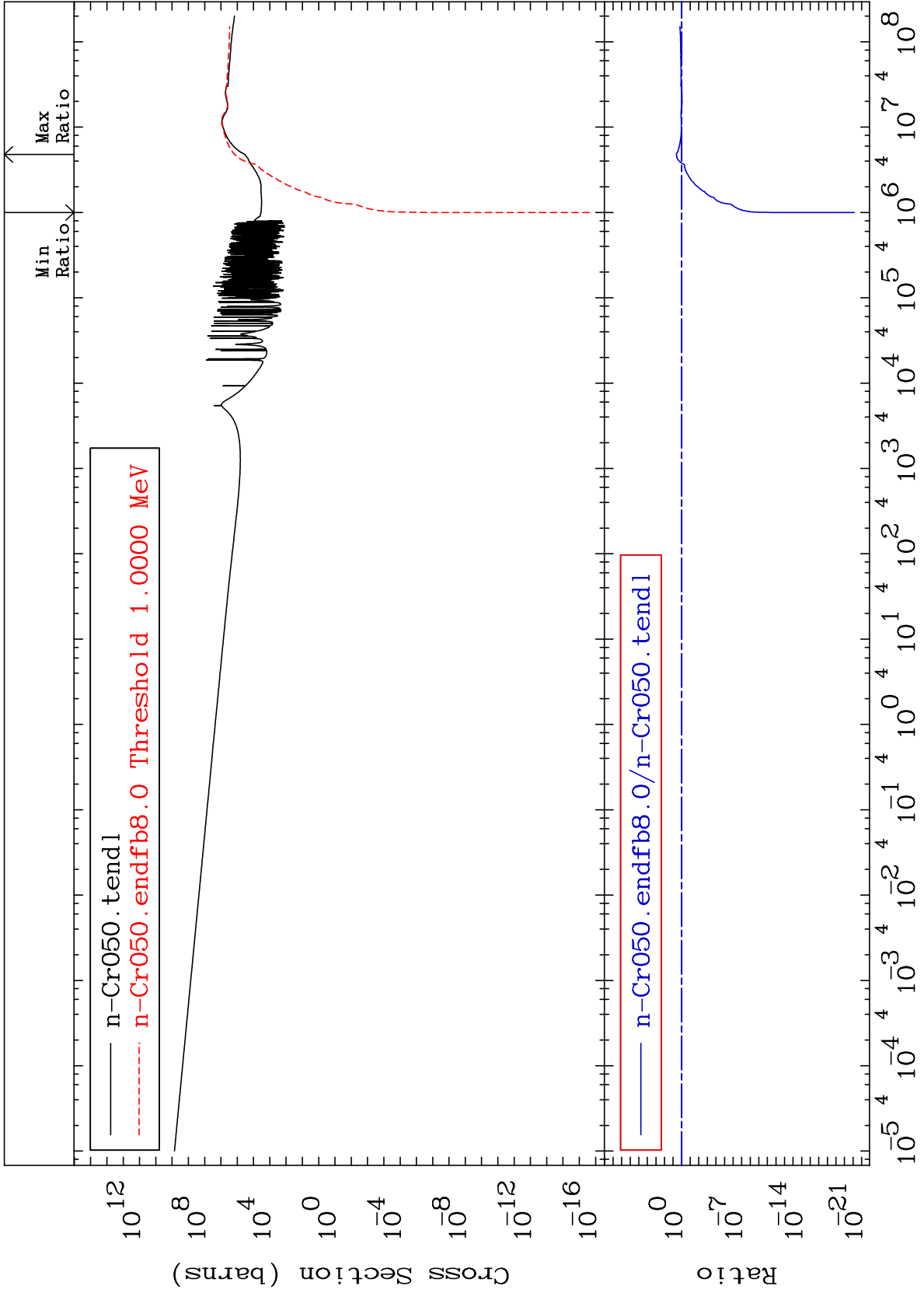
24-Cr-50  
-100.0 To 1297. %



28

Incident Energy (eV)

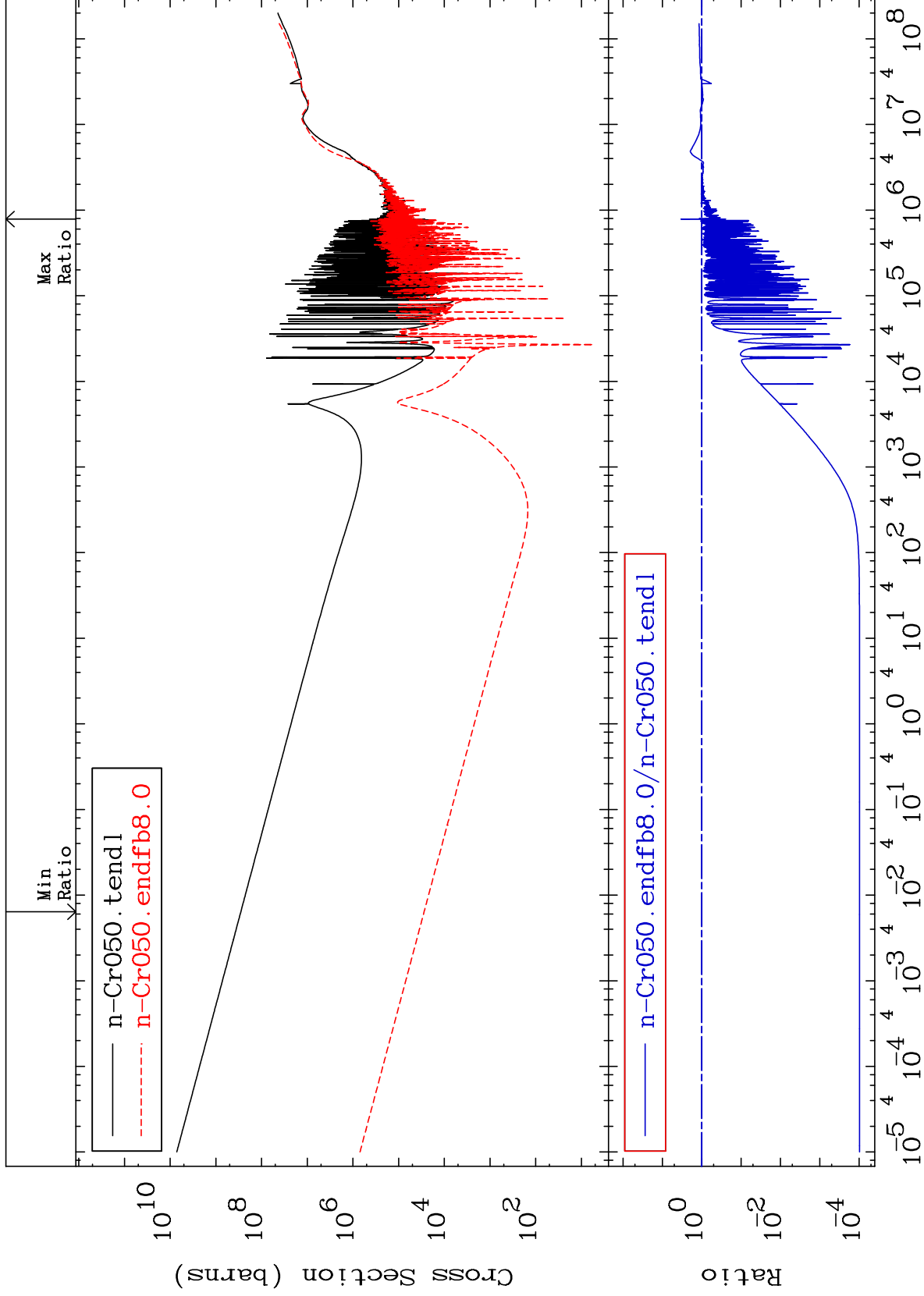
24-Cr-50

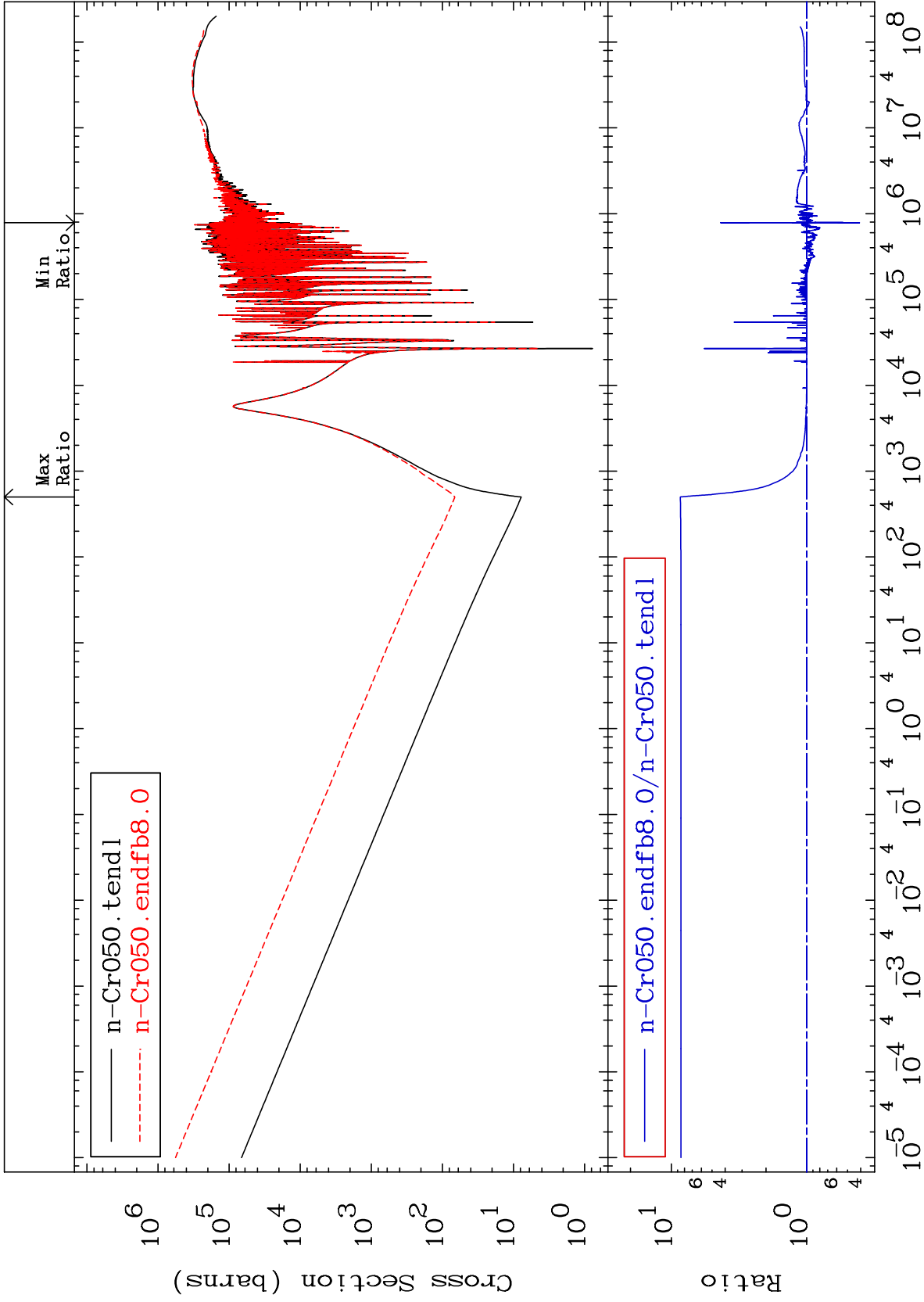


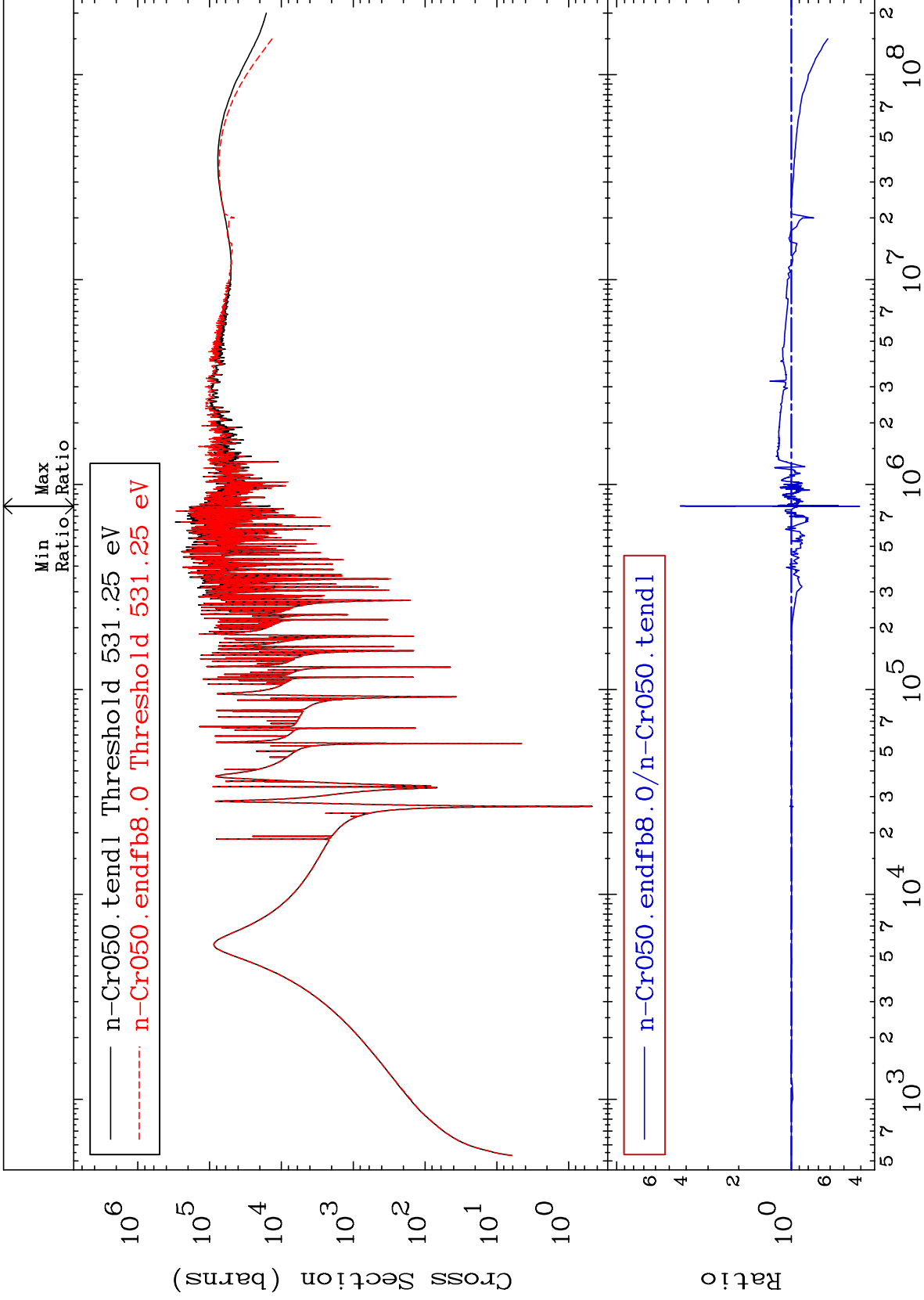
MAT 2425

Total kinematic kerma (high limit)  
Cross Section

24-Cr-50  
-99.99 To 240.5 %





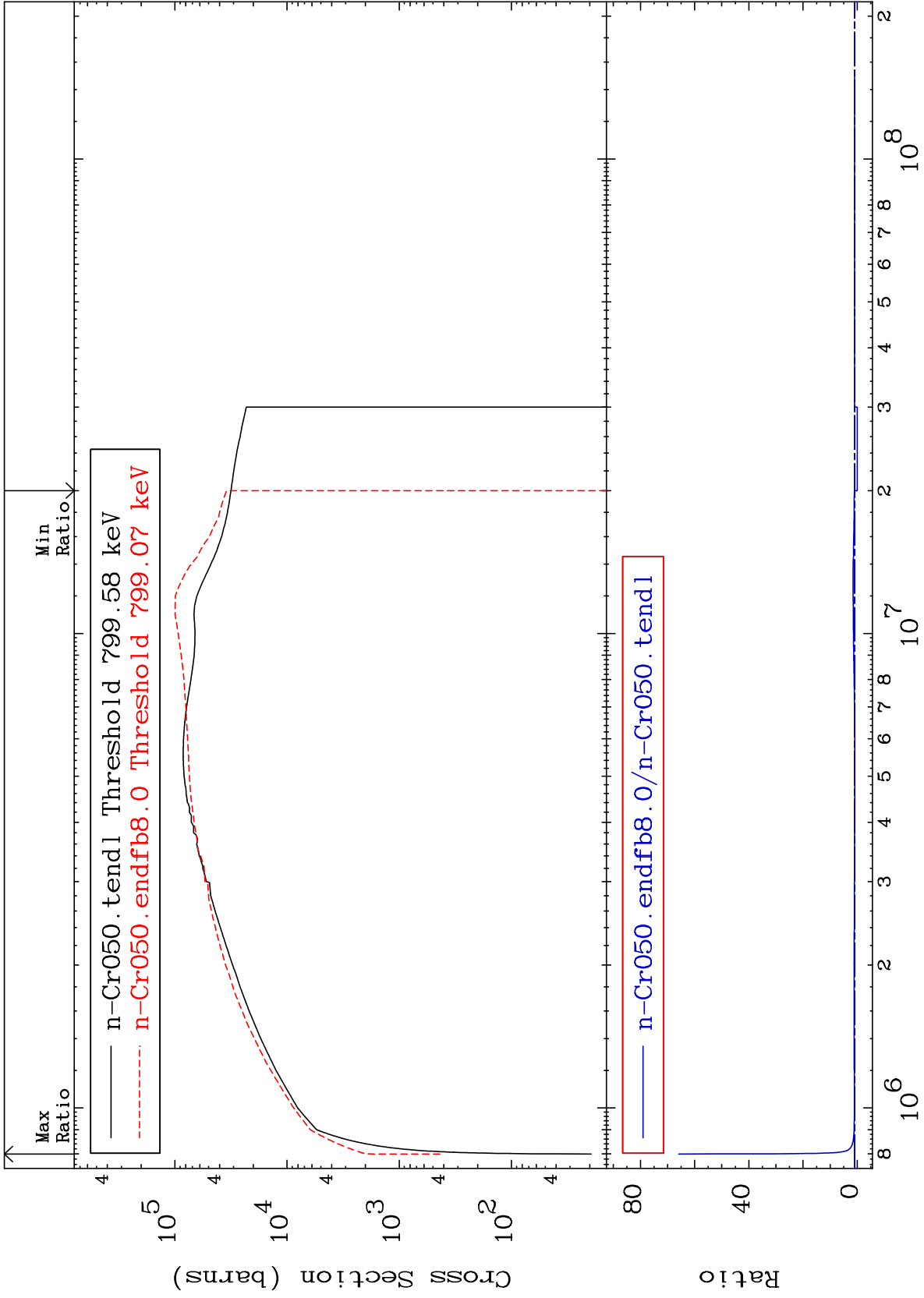




MAT 2425

Dpa inelastic (mt51-91)  
Cross Section

24-Cr-50  
-100.0 To 6491. %



33

Incident Energy (eV)

24-Cr-50

MAT 2425

Dpa disappearance (mt102 -120)  
Cross Section

24-Cr-50  
-100.0 To 9999. %

