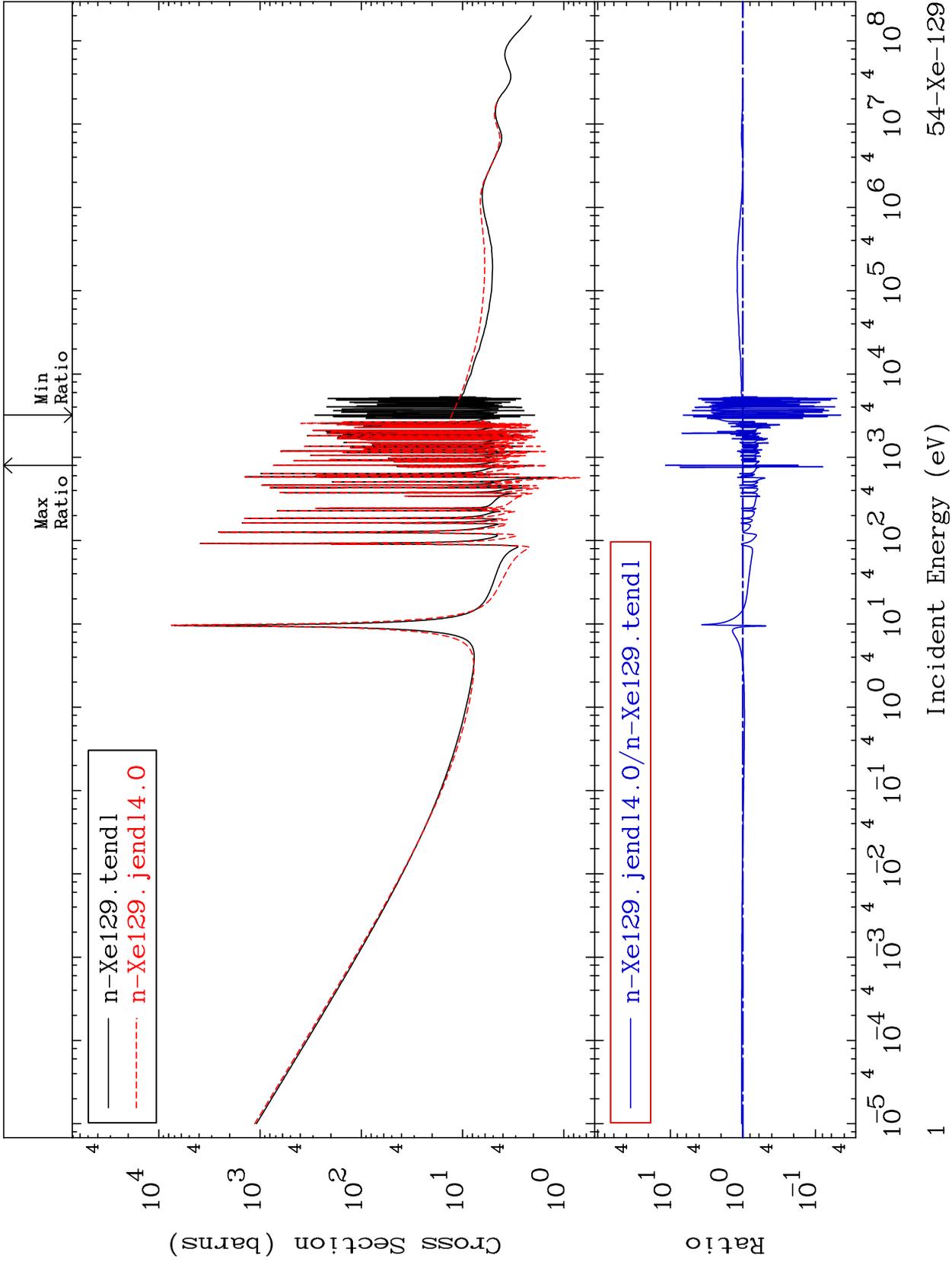


MAT 5440

Total Cross Section  
54-Xe-129  
-95.53 To 1063. %

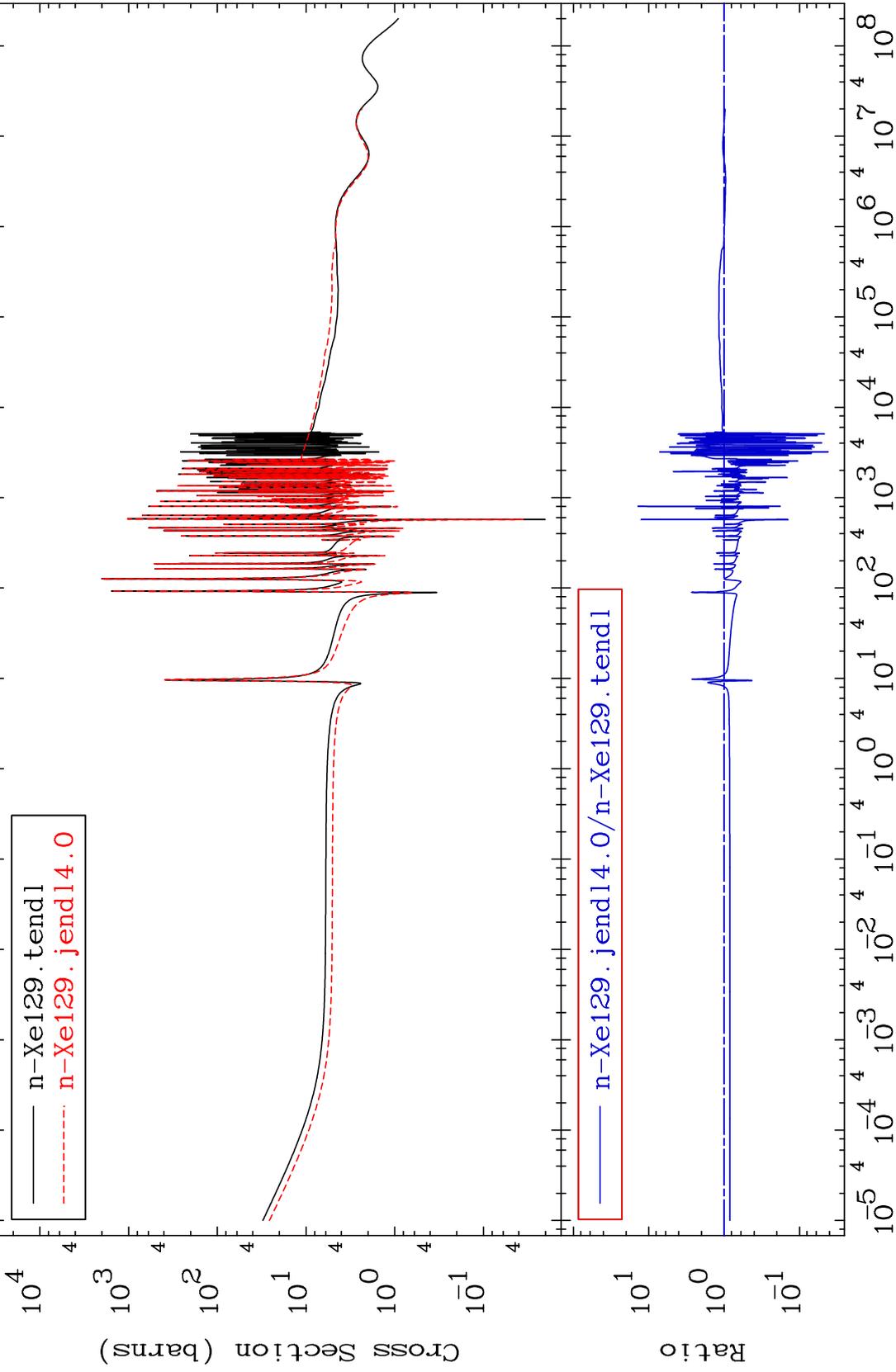


54-Xe-129

MAT 5440

Elastic  
Cross Section

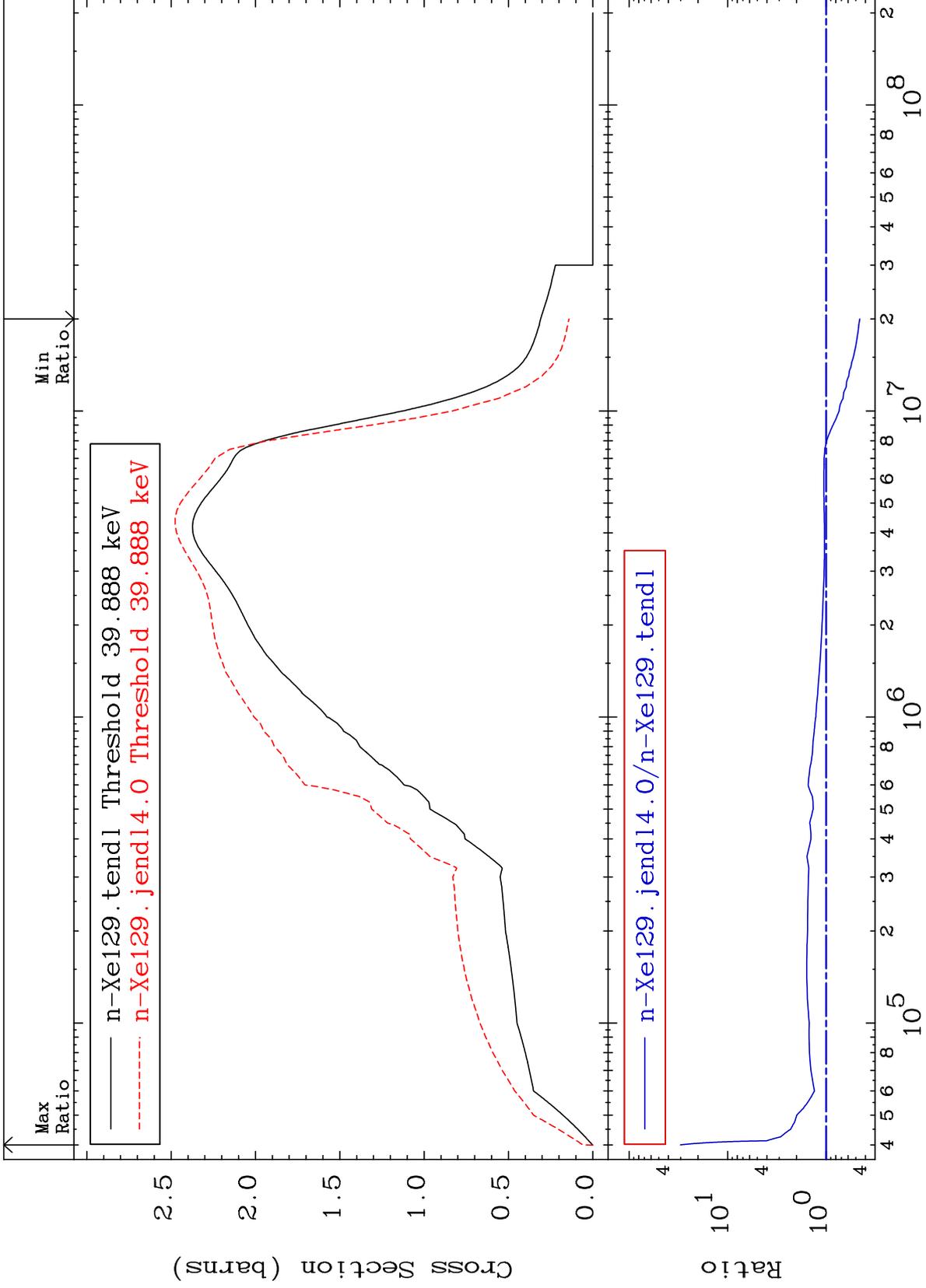
54-Xe-129  
-95.83 To 1291. %



MAT 5440

Inelastic  
Cross Section

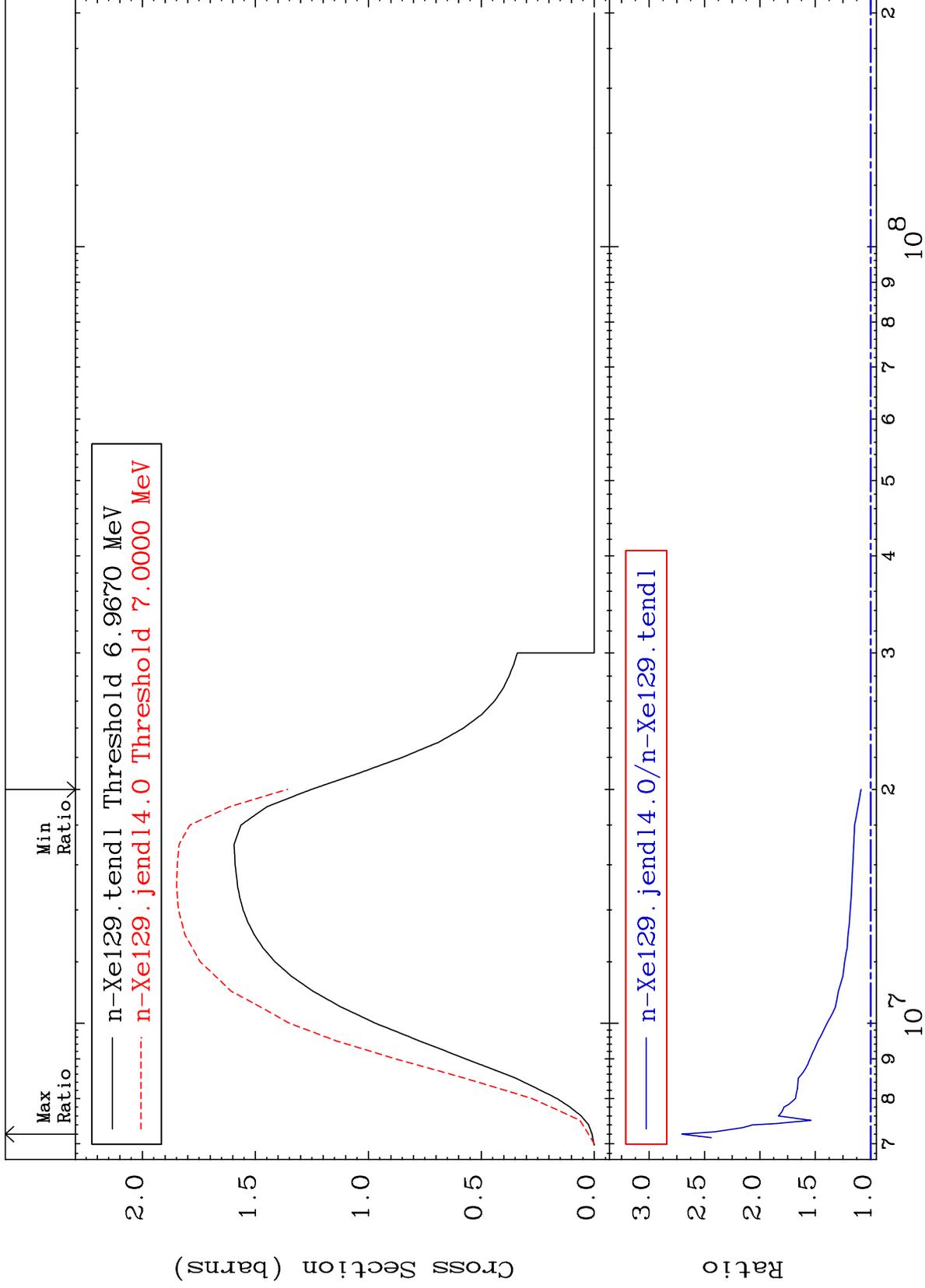
54-Xe-129  
-54.33 To 2909. %



MAT 5440

(n,2n)  
Cross Section

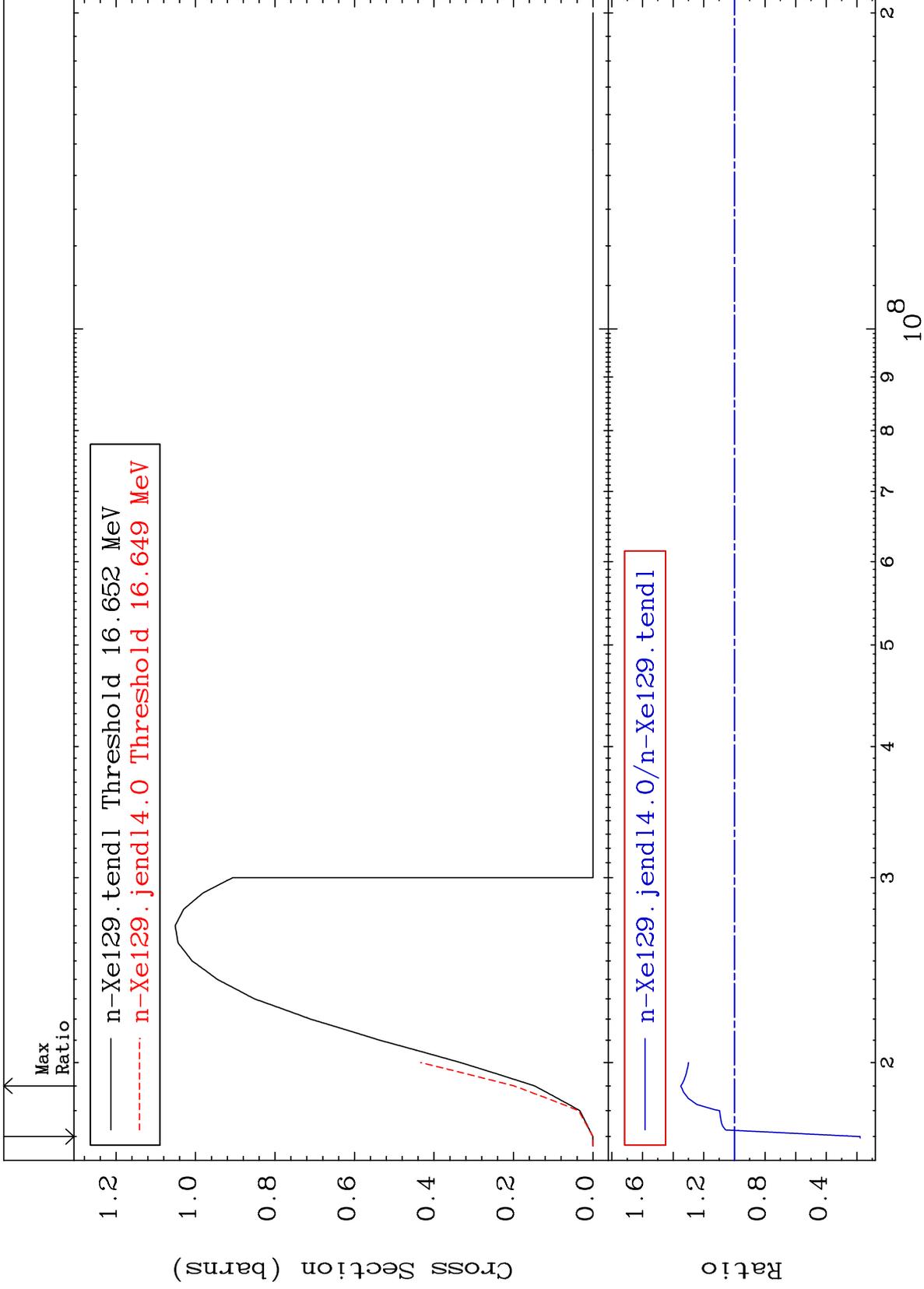
54-Xe-129  
8.579 To 170.4 %



MAT 5440

(n,3n)  
Cross Section

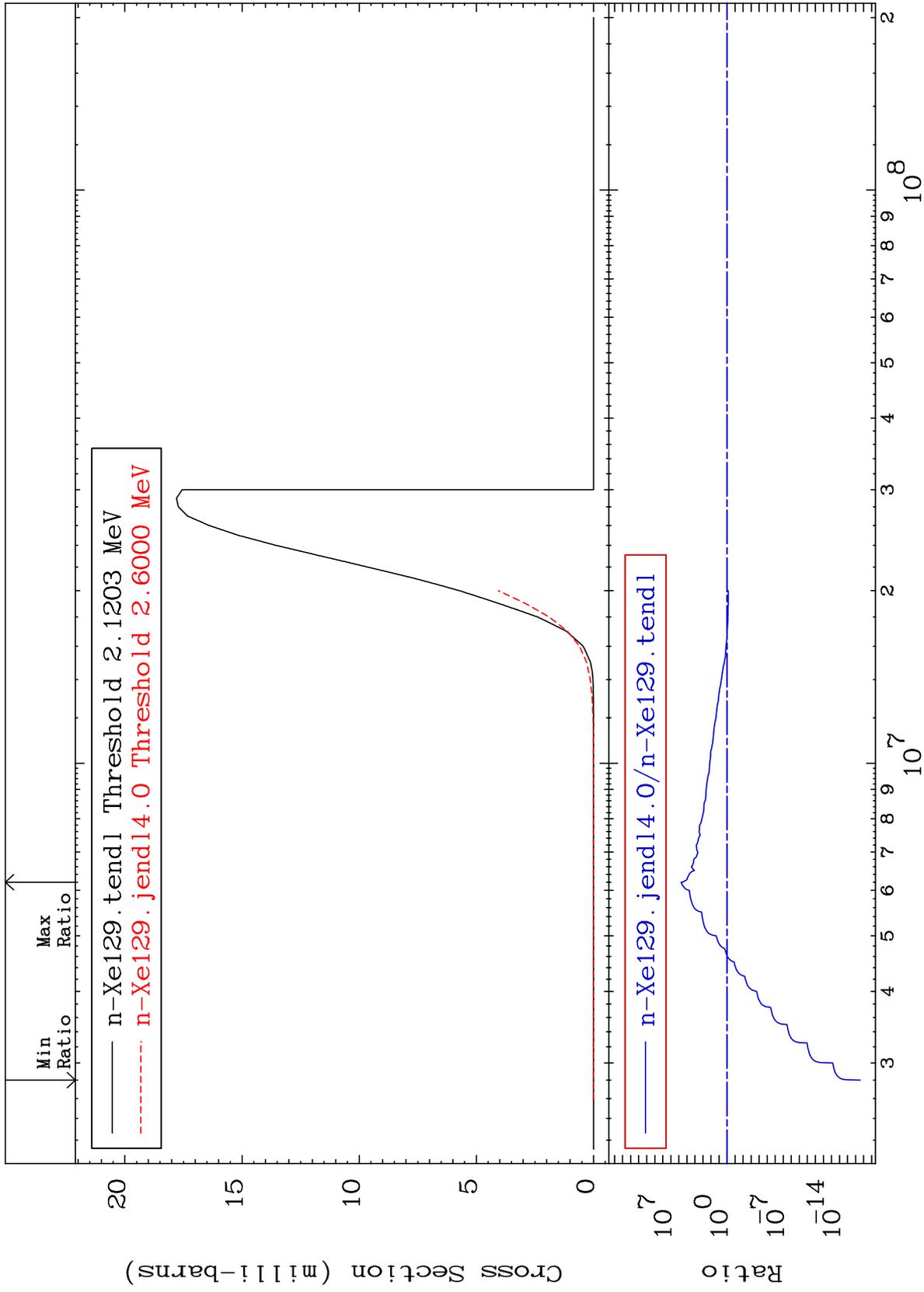
54-Xe-129  
-82.06 To 35.02 %



MAT 5440

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

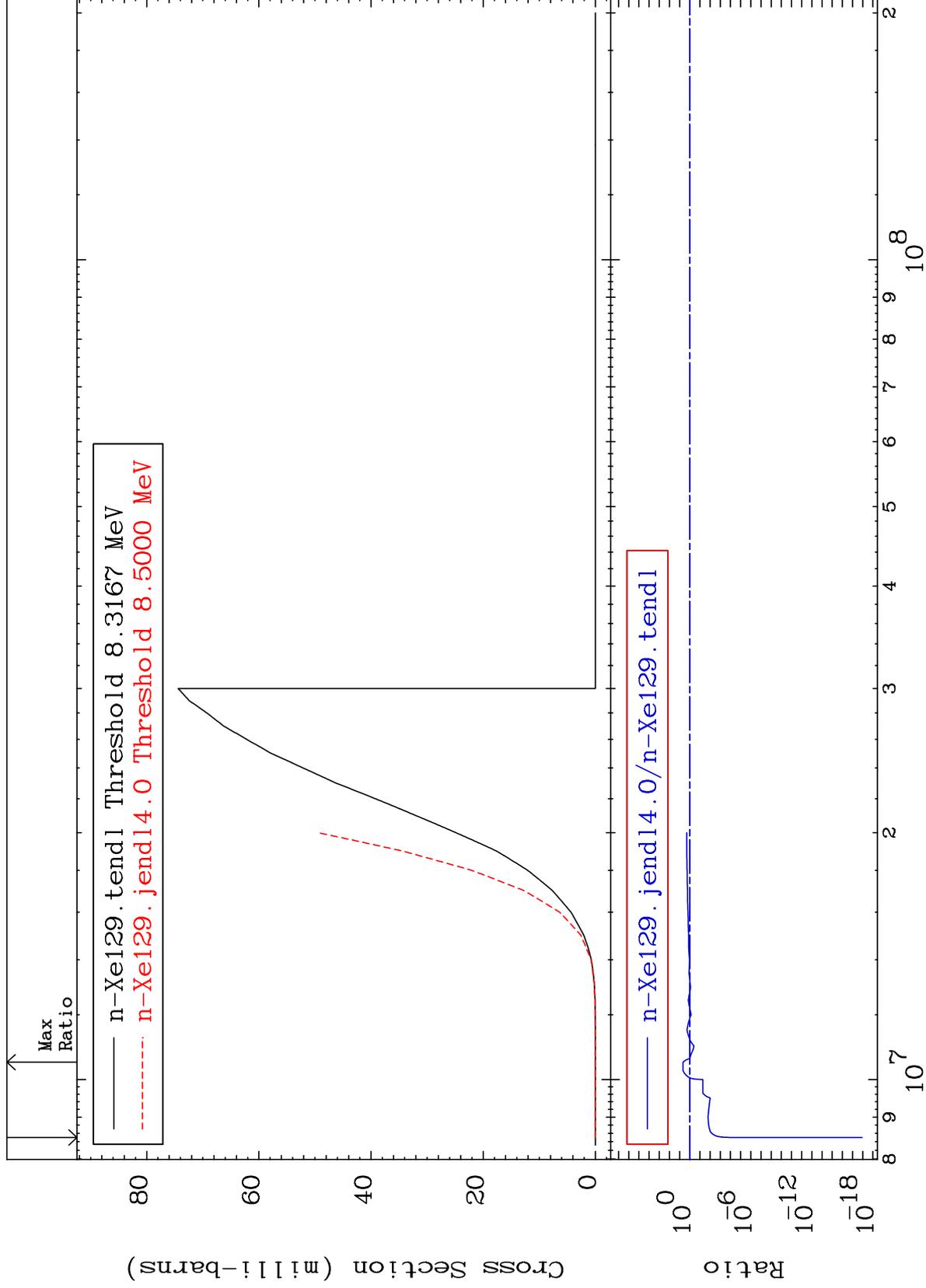
54-Xe-129  
-100.0 To 9999. %



MAT 5440

(n,n') p  
Cross Section

54-Xe-129  
-100.0 To 354.4 %



Incident Energy (eV)

54-Xe-129

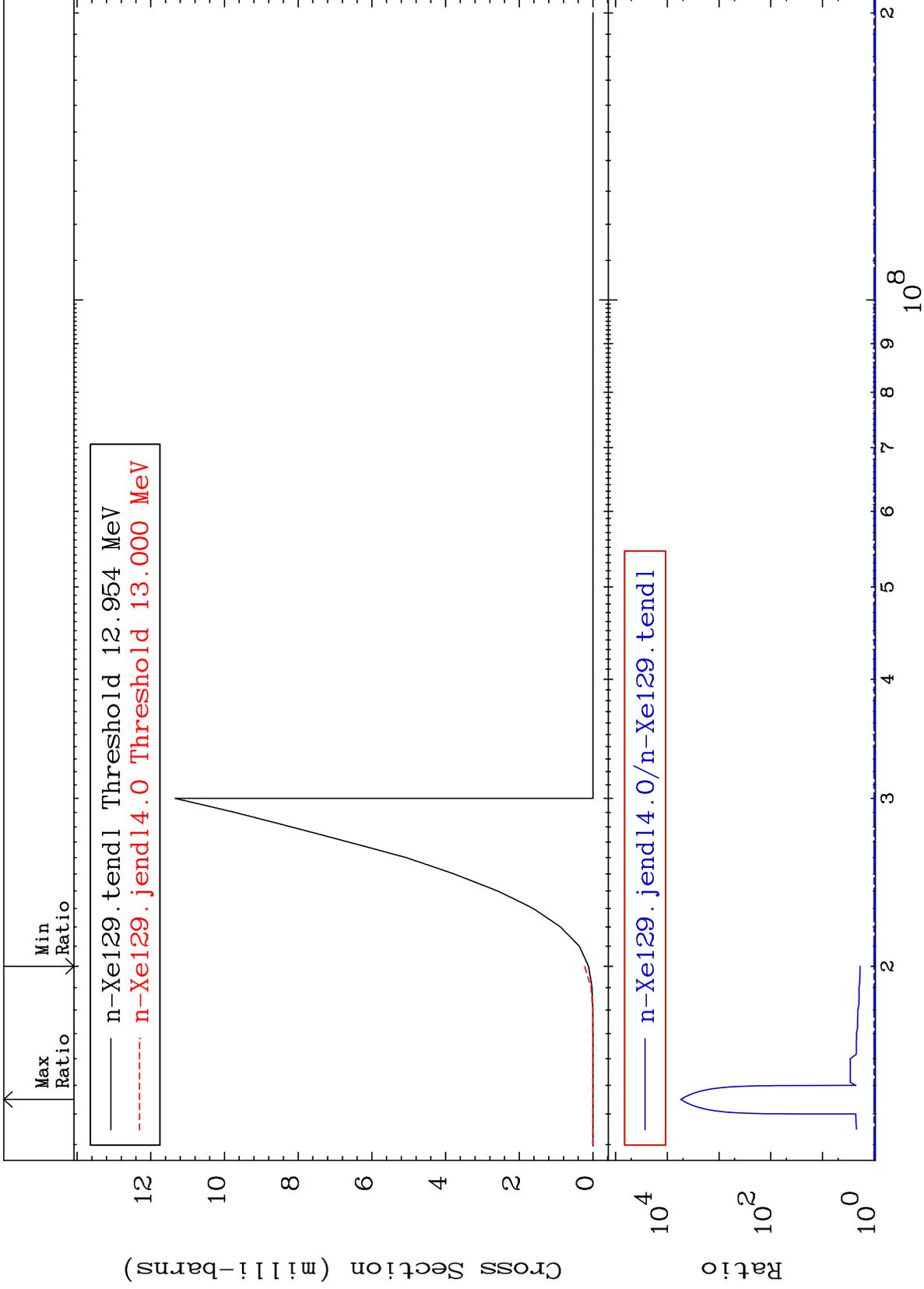
MAT 5440

(n,n') d

54-Xe-129

Cross Section

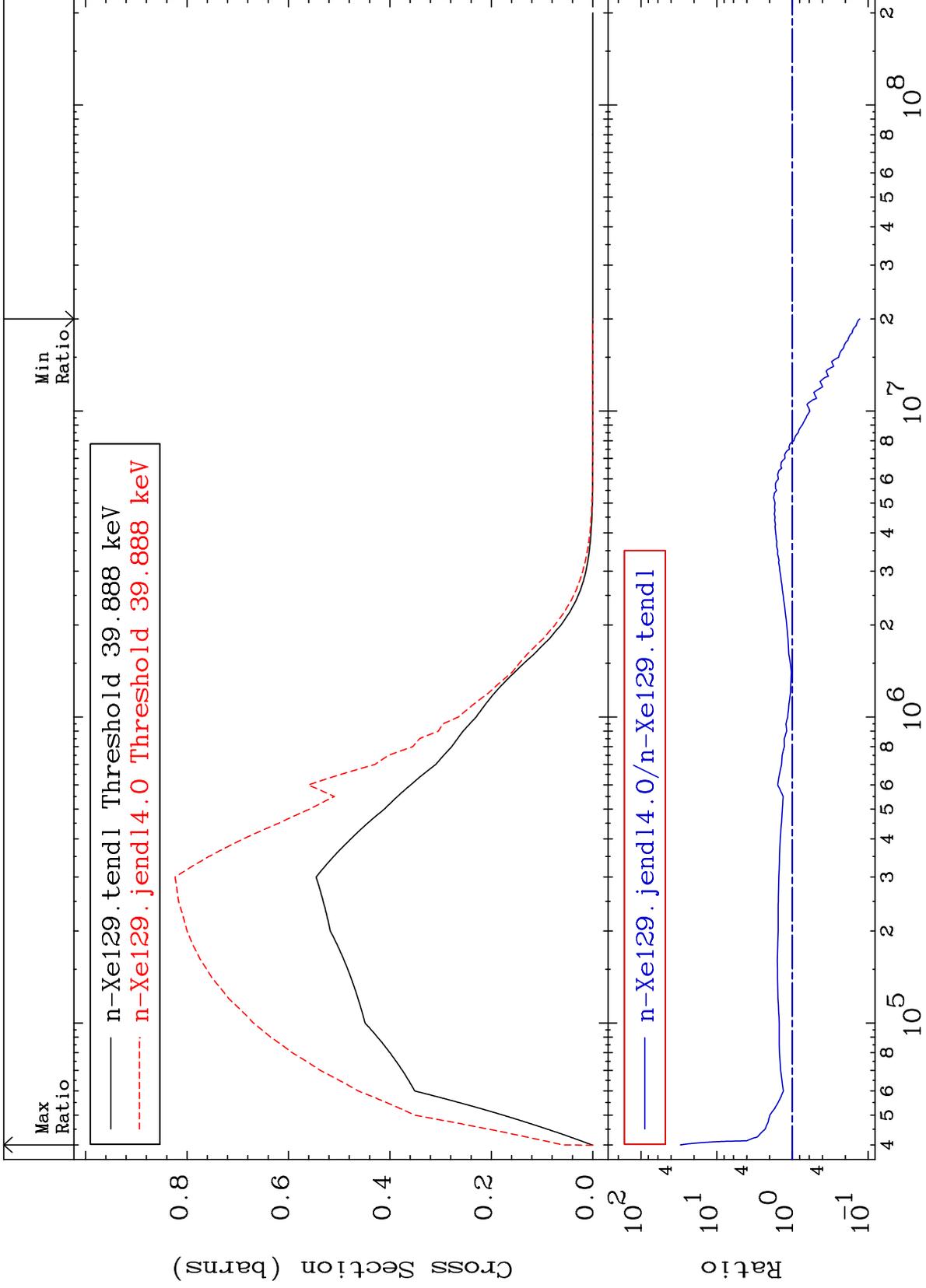
87.74 To 9999. %



MAT 5440

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

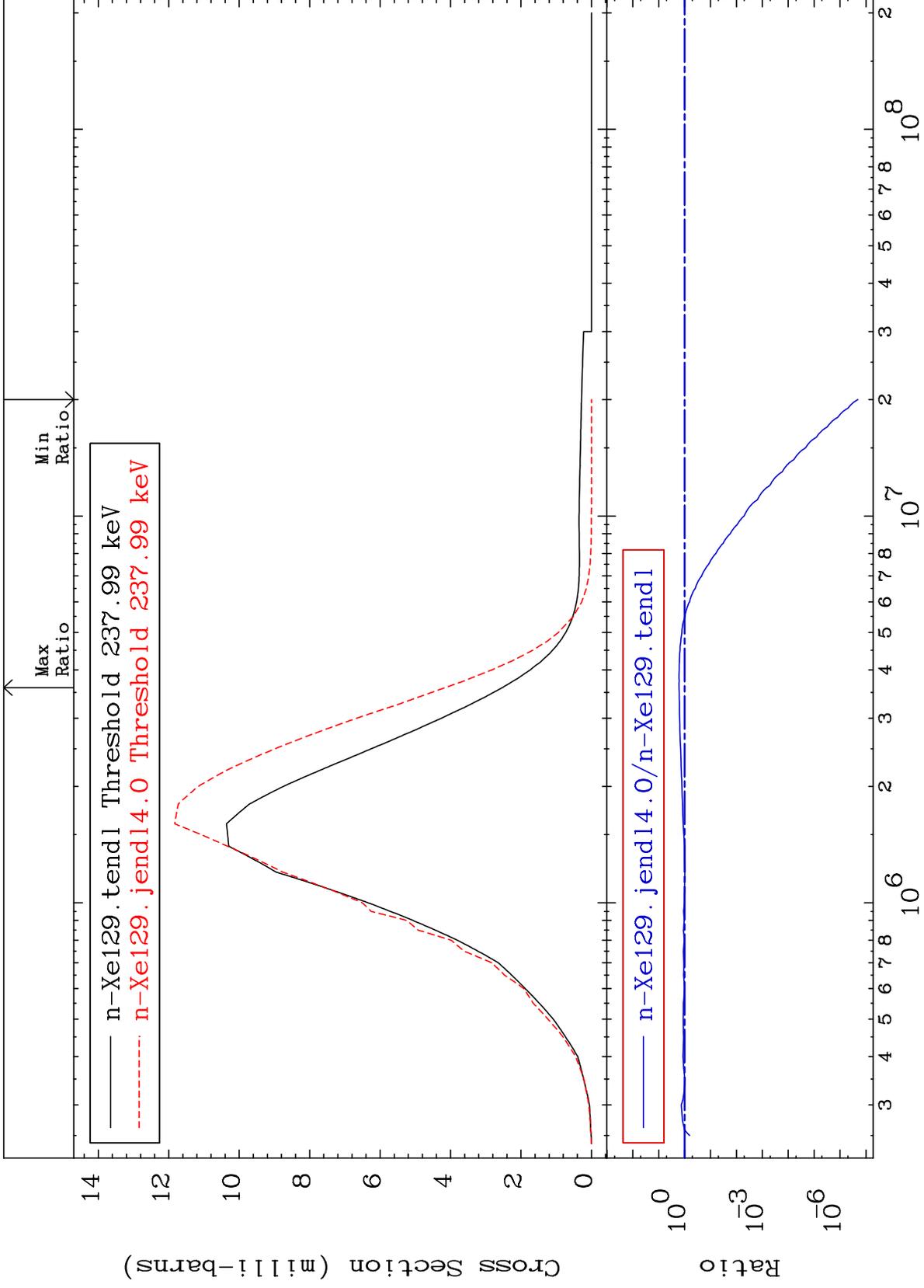
54-Xe-129  
-87.14 To 2909. %



MAT 5440

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

54-Xe-129  
-100.0 To 64.30 %



10

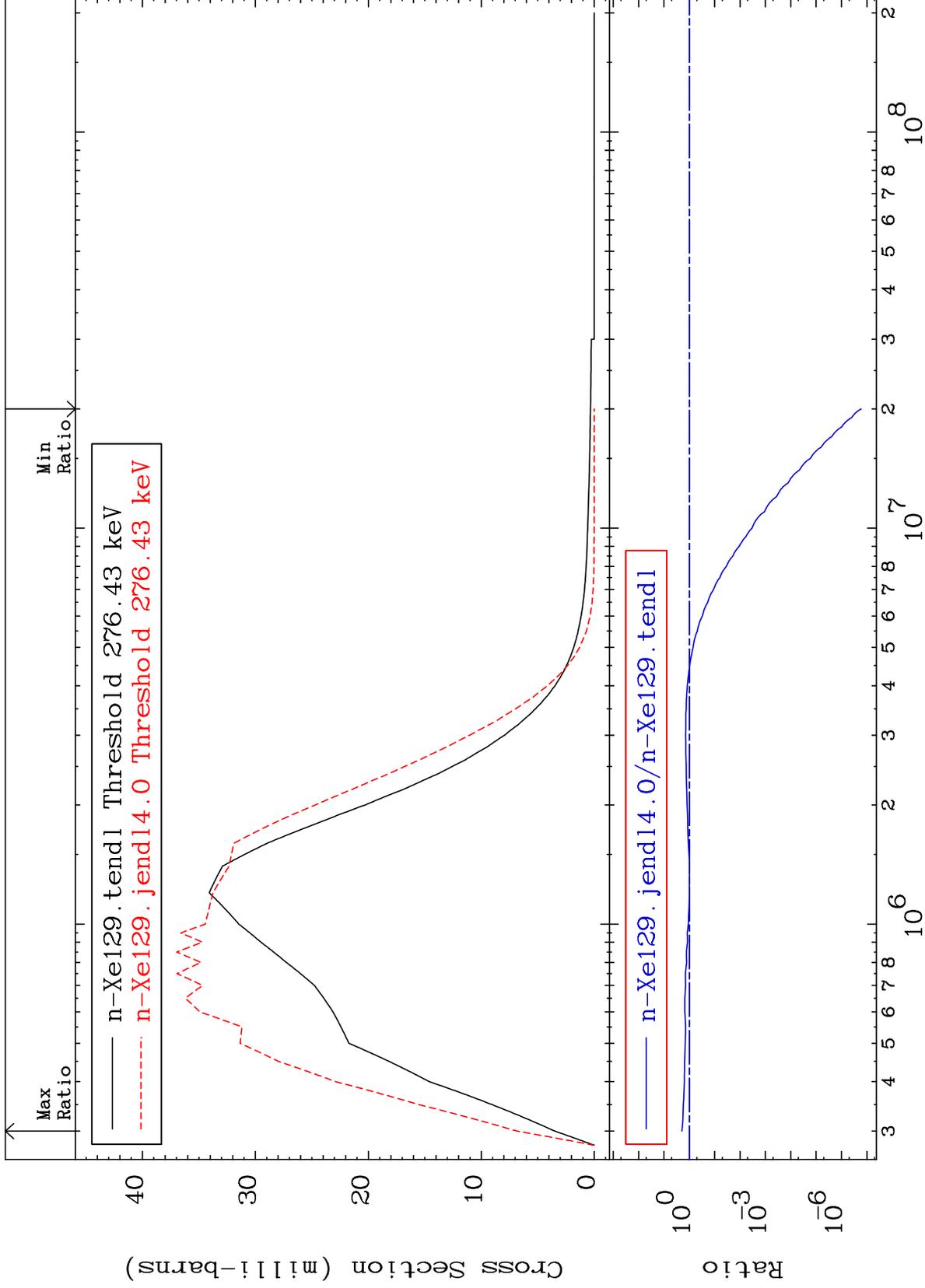
Incident Energy (eV)

54-Xe-129

MAT 5440

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

54-Xe-129  
-100.0 To 96.00 %



11

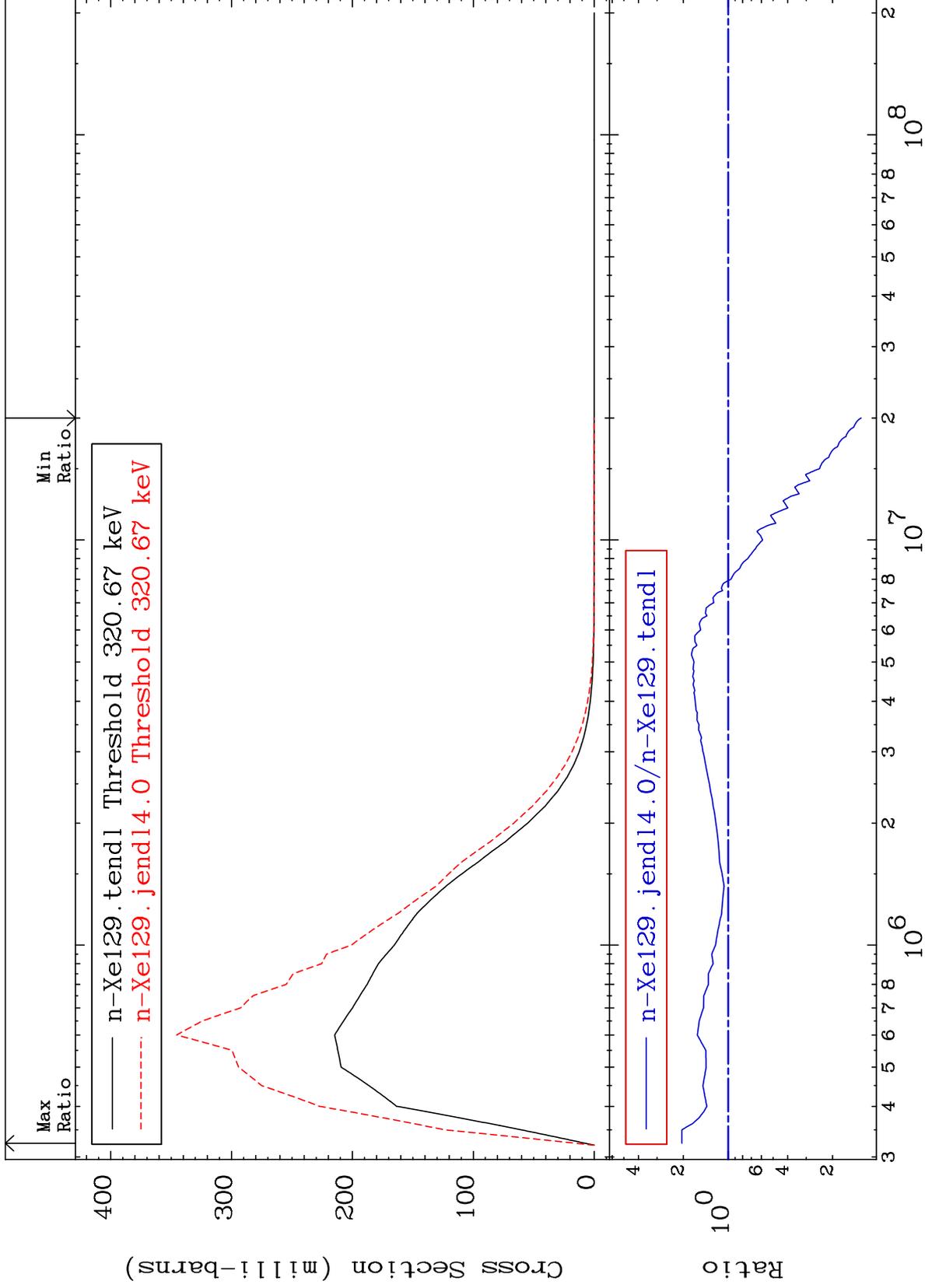
Incident Energy (eV)

54-Xe-129

MAT 5440

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

54-Xe-129  
-87.14 To 104.3 %



12

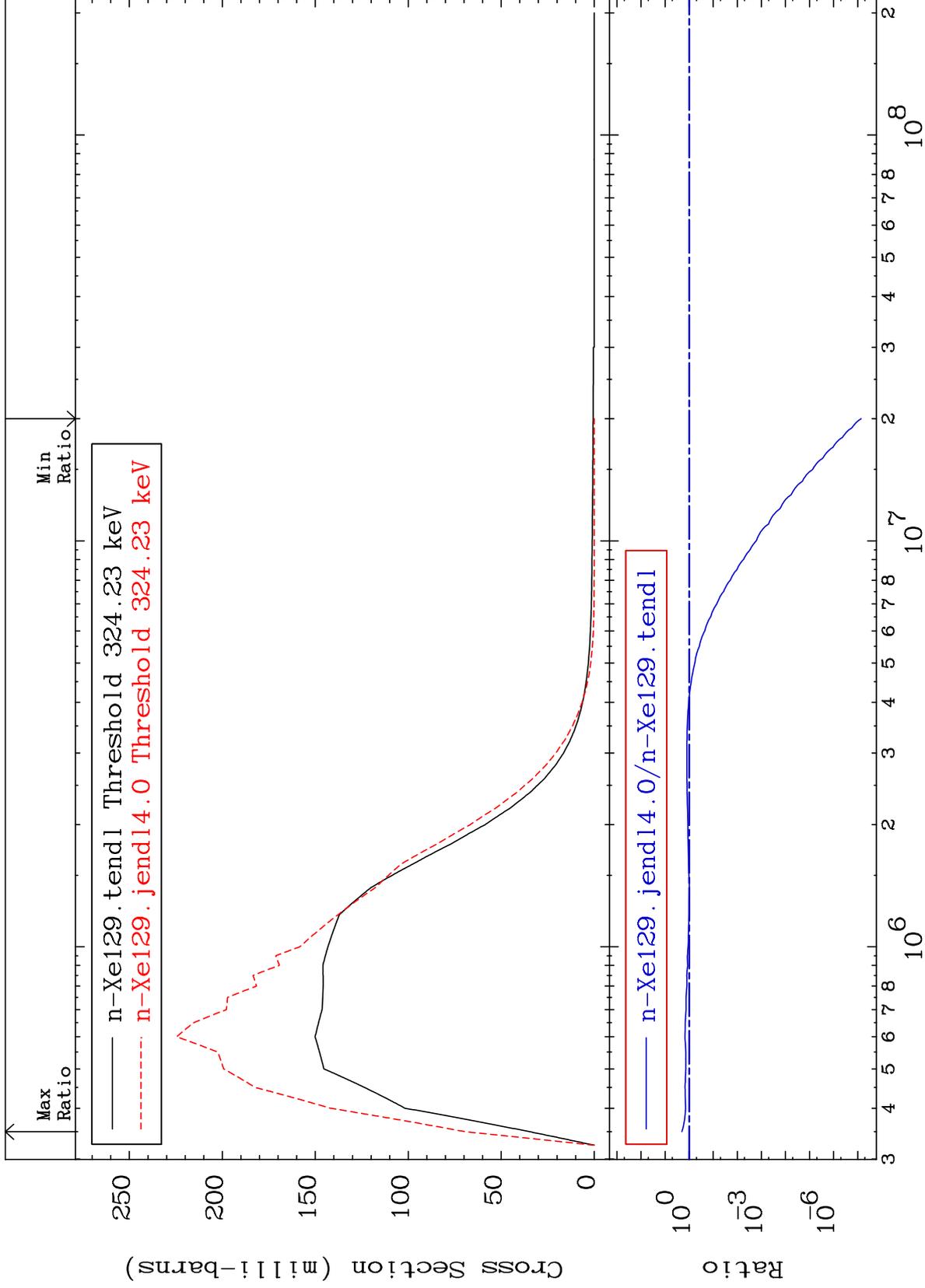
Incident Energy (eV)

54-Xe-129

MAT 5440

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

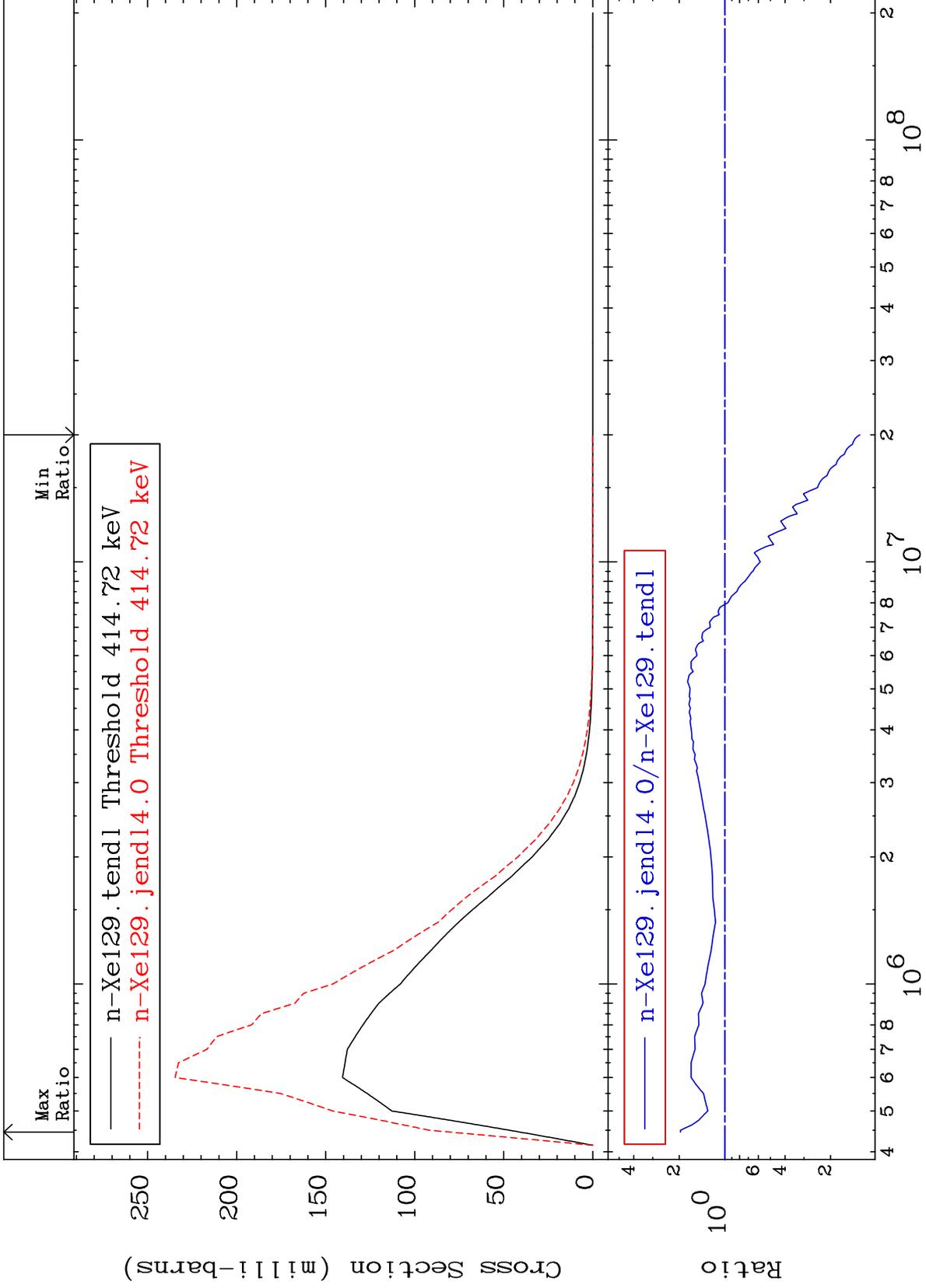
54-Xe-129  
-100.0 To 100.0 %



MAT 5440

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

54-Xe-129  
-87.17 To 96.29 %



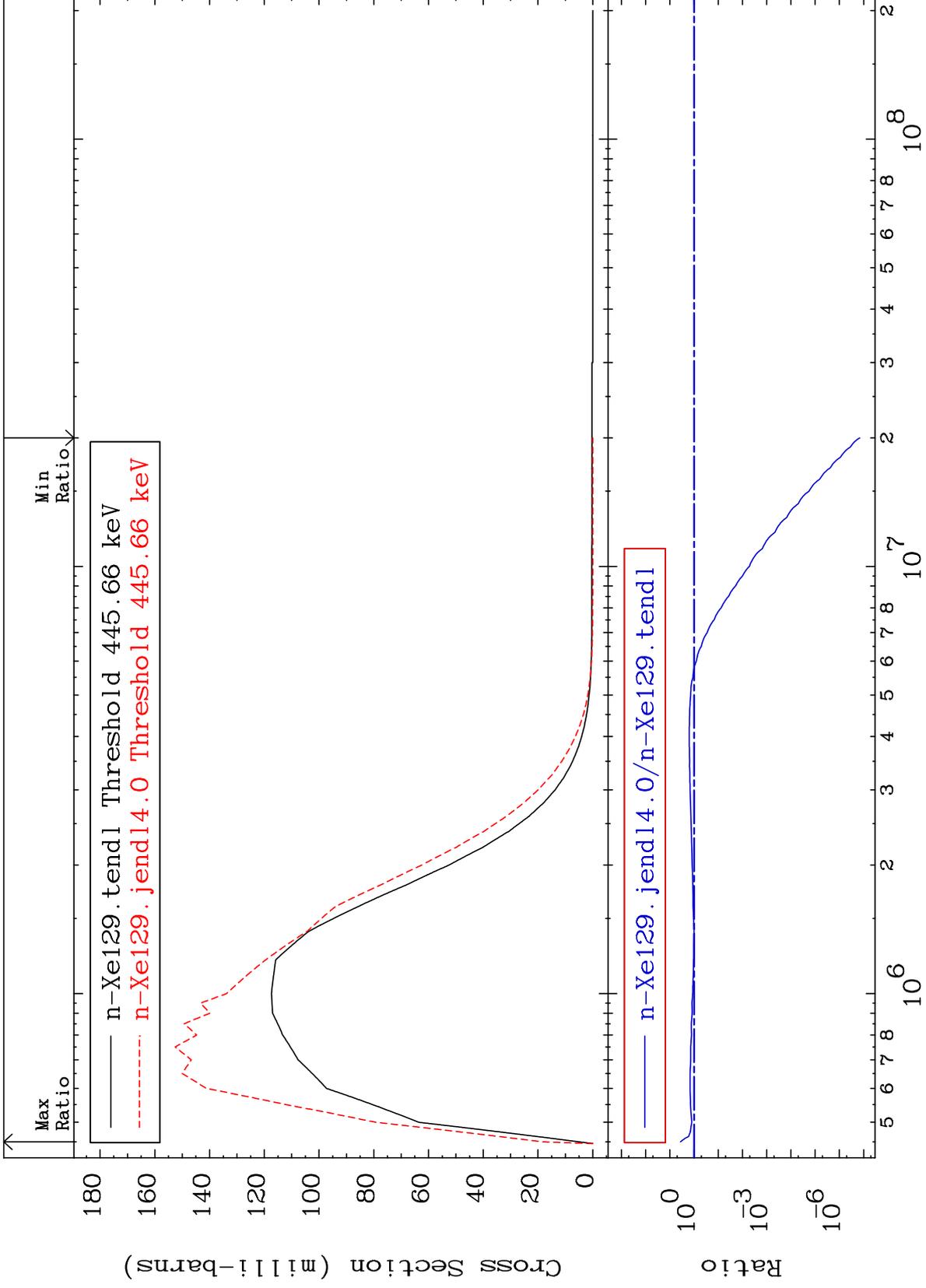
14

54-Xe-129

MAT 5440

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

54-Xe-129  
-100.0 To 261.7 %



15

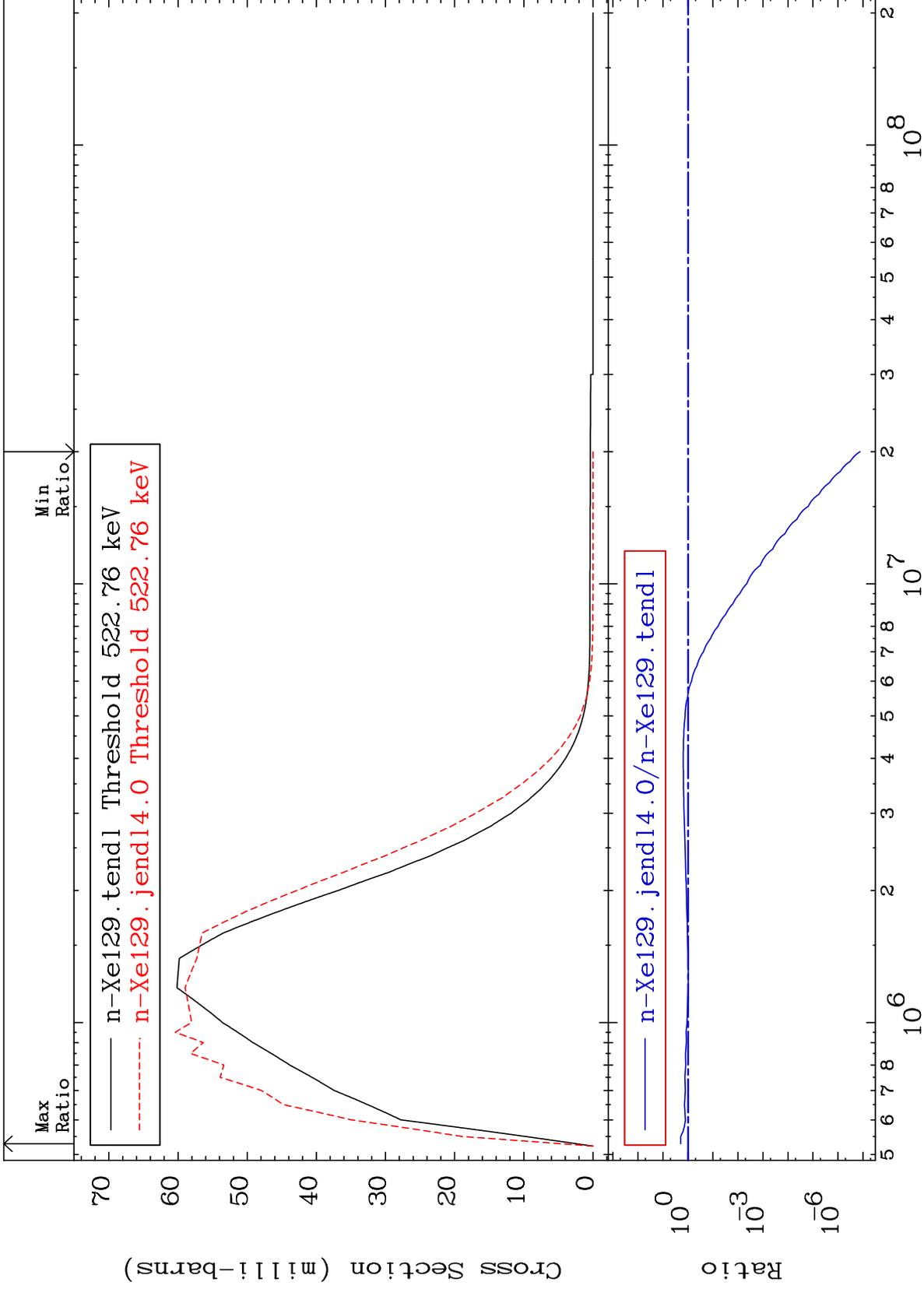
Incident Energy (eV)

54-Xe-129

MAT 5440

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

54-Xe-129  
-100.0 To 93.41 %



16

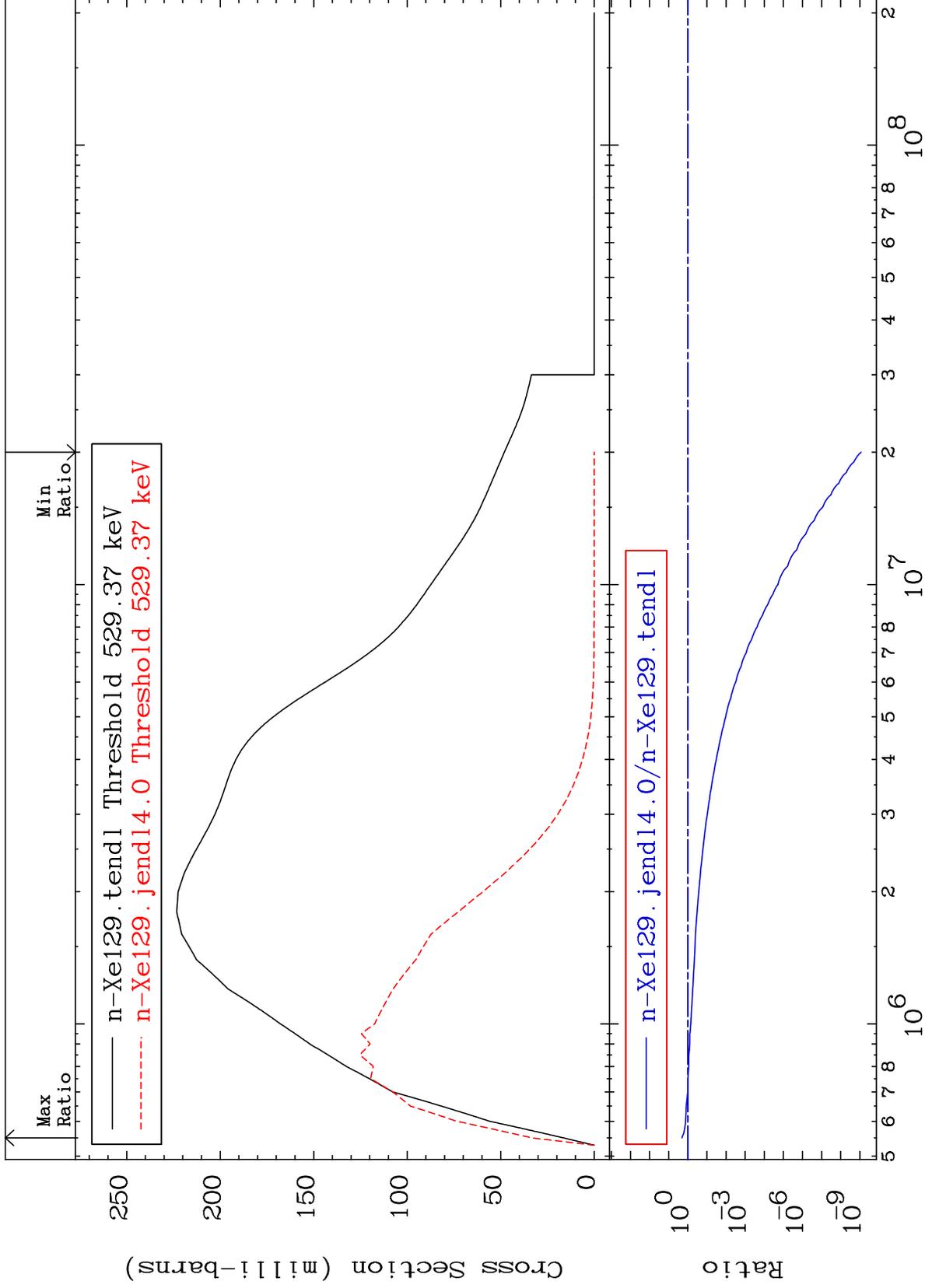
Incident Energy (eV)

54-Xe-129

MAT 5440

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

54-Xe-129  
-100.0 To 103.4 %



17

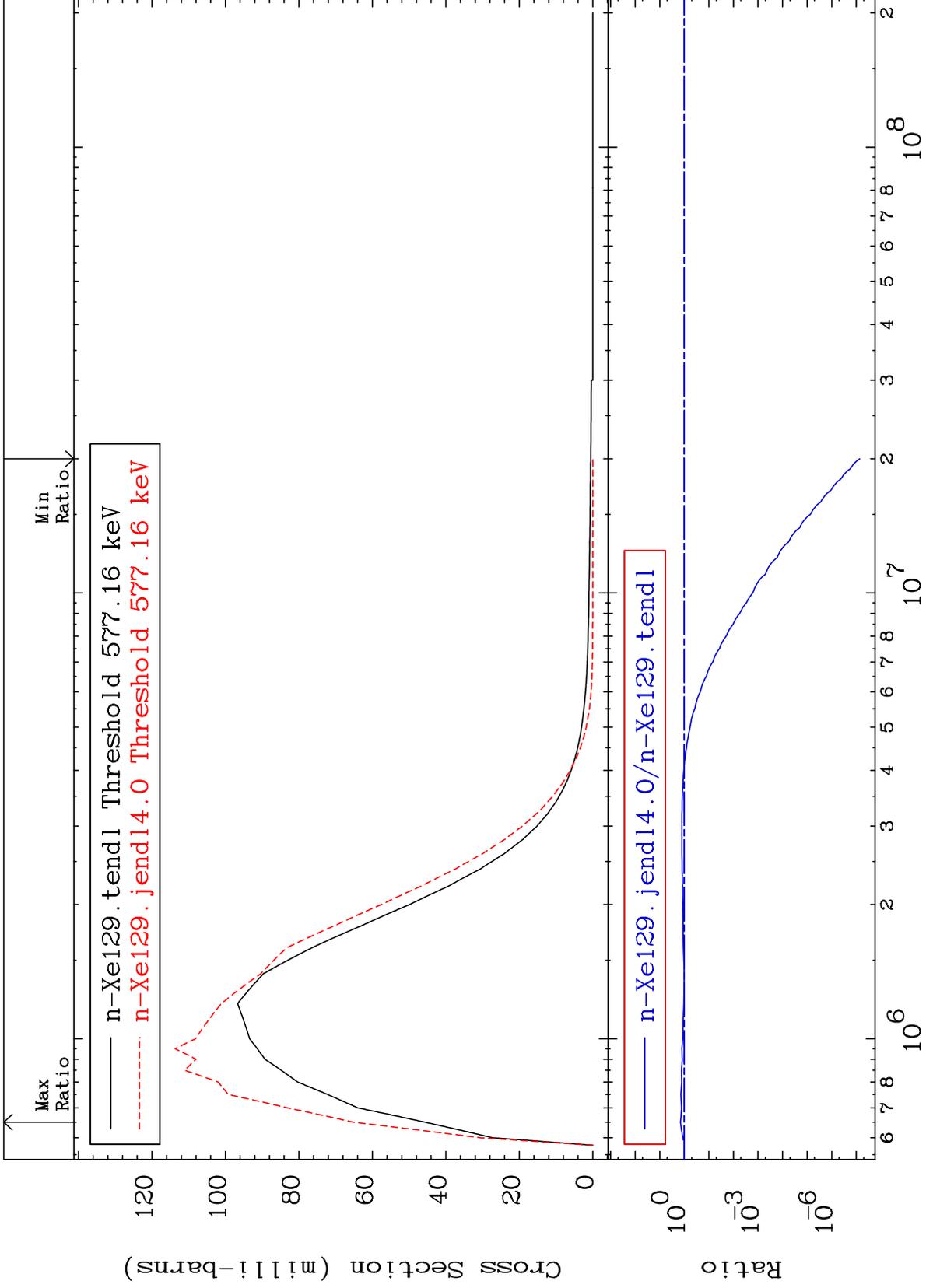
Incident Energy (eV)

54-Xe-129

MAT 5440

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

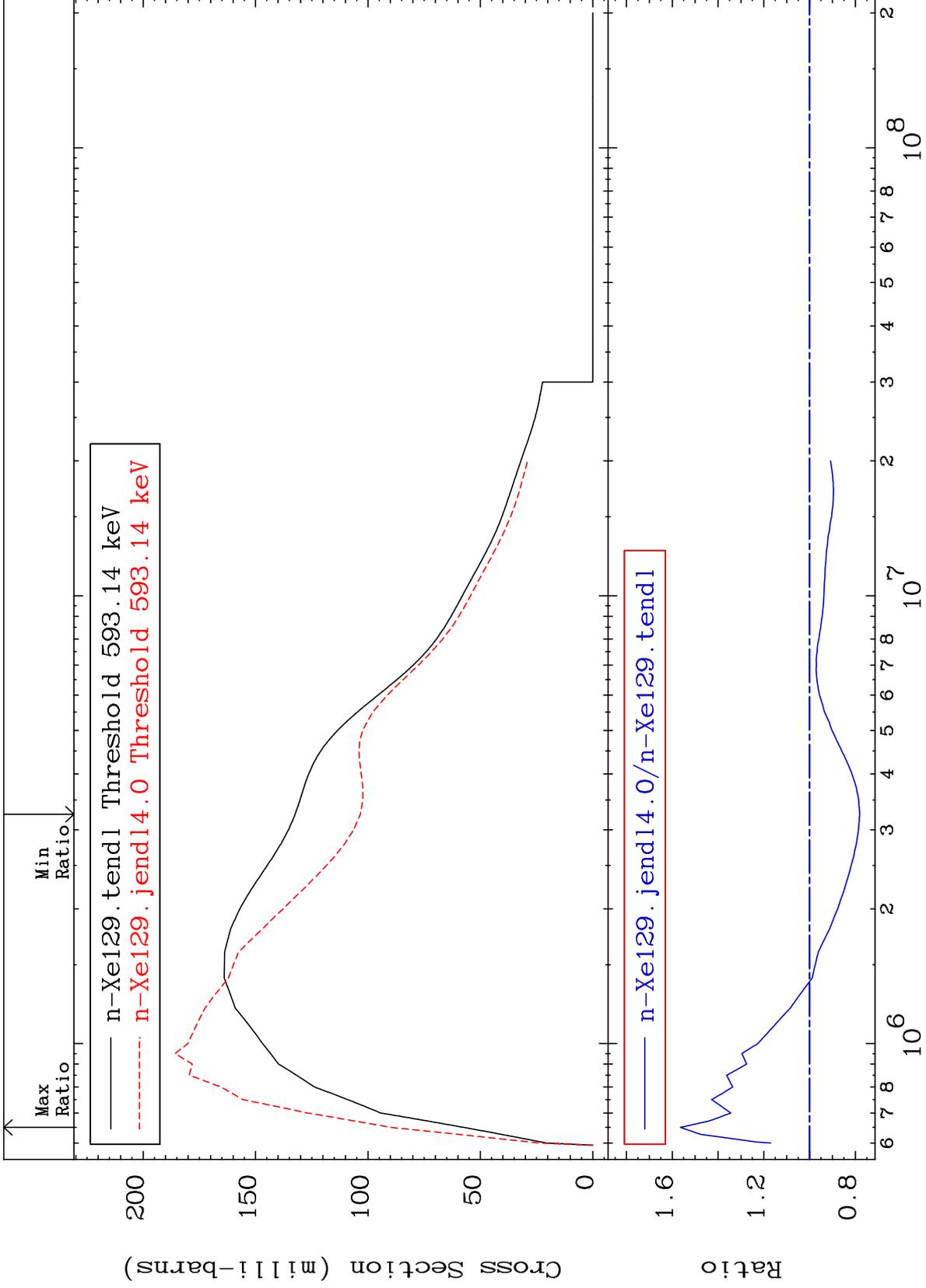
54-Xe-129  
-100.0 To 42.72 %



MAT 5440

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

54-Xe-129  
-21.93 To 56.39 %



19

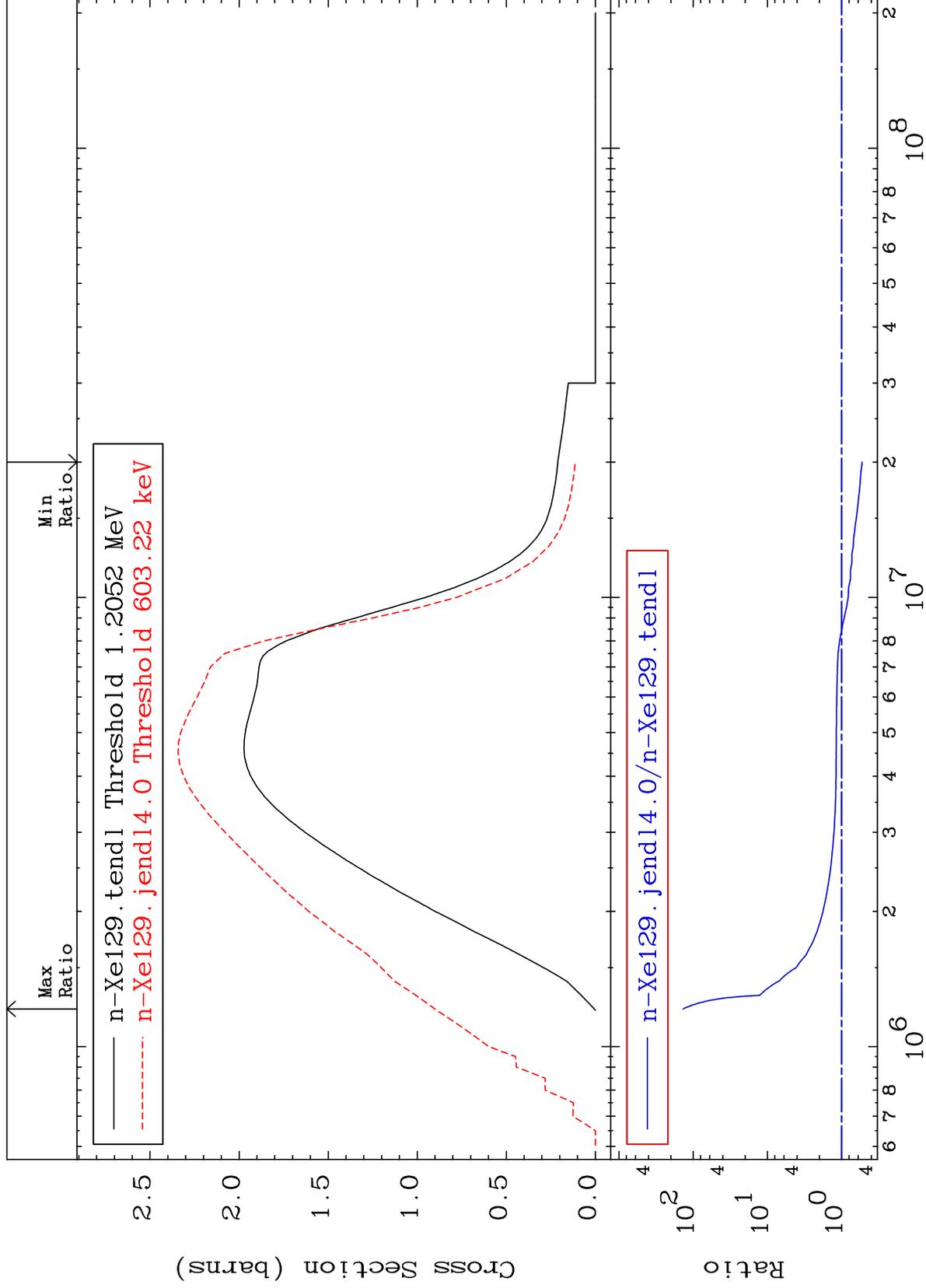
Incident Energy (eV)

54-Xe-129

MAT 5440

(n, n') Continuum  
Cross Section

54-Xe-129  
-46.88 To 9999. %



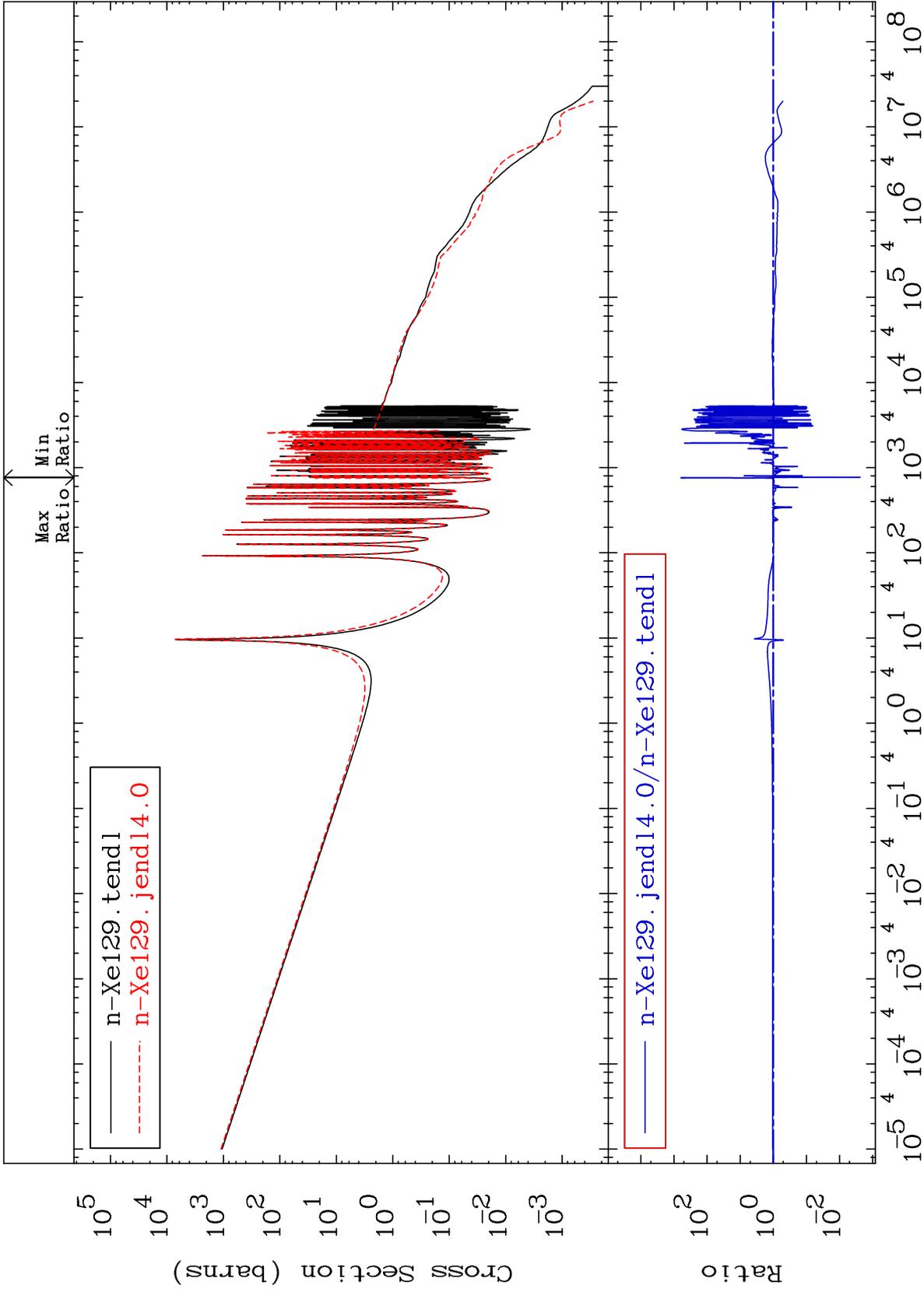
20

54-Xe-129

MAT 5440

(n,  $\gamma$ )  
Cross Section

54-Xe-129  
-99.76 To 9999. %

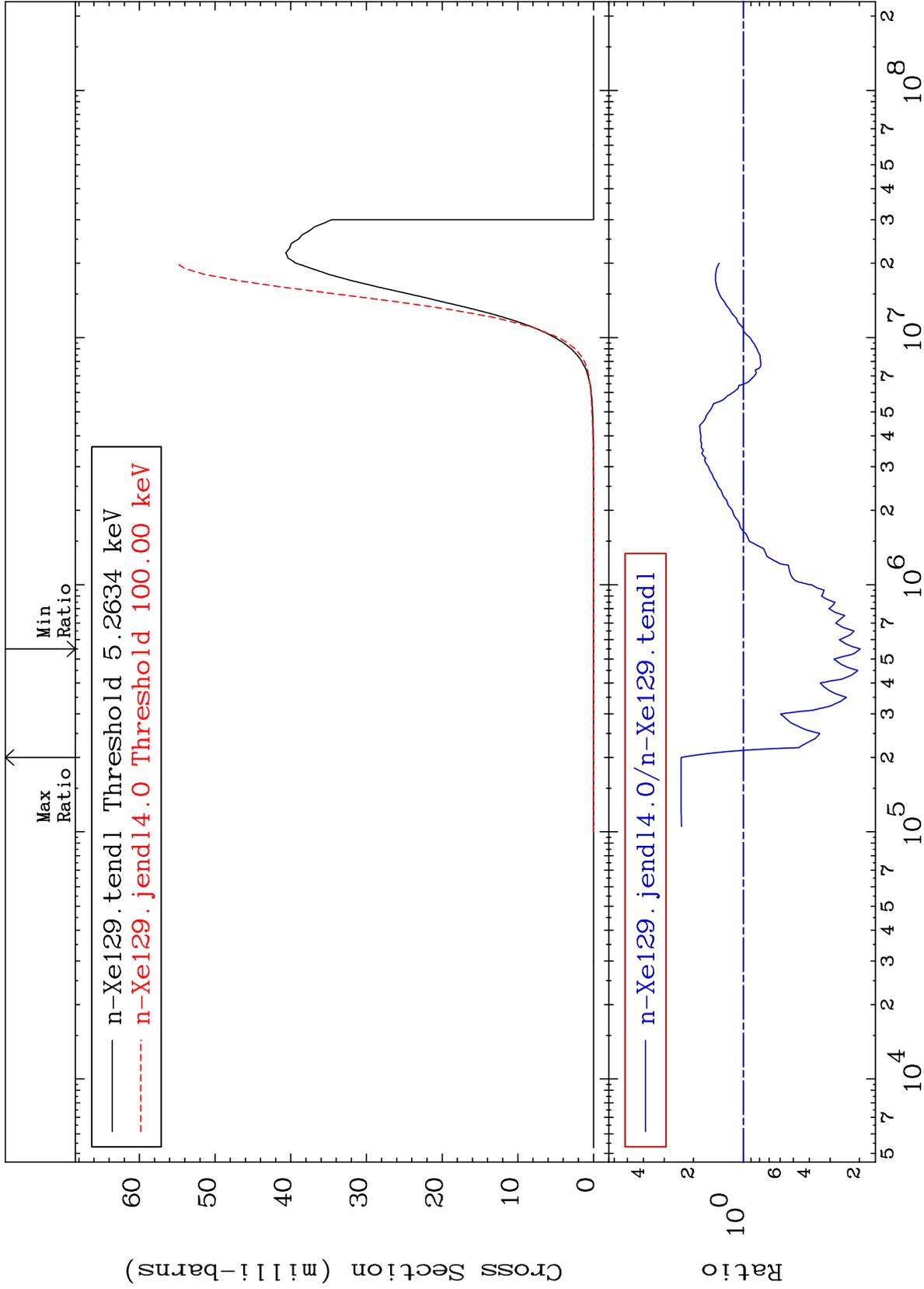


MAT 5440

54-Xe-129

-80.25 To 136.9 %

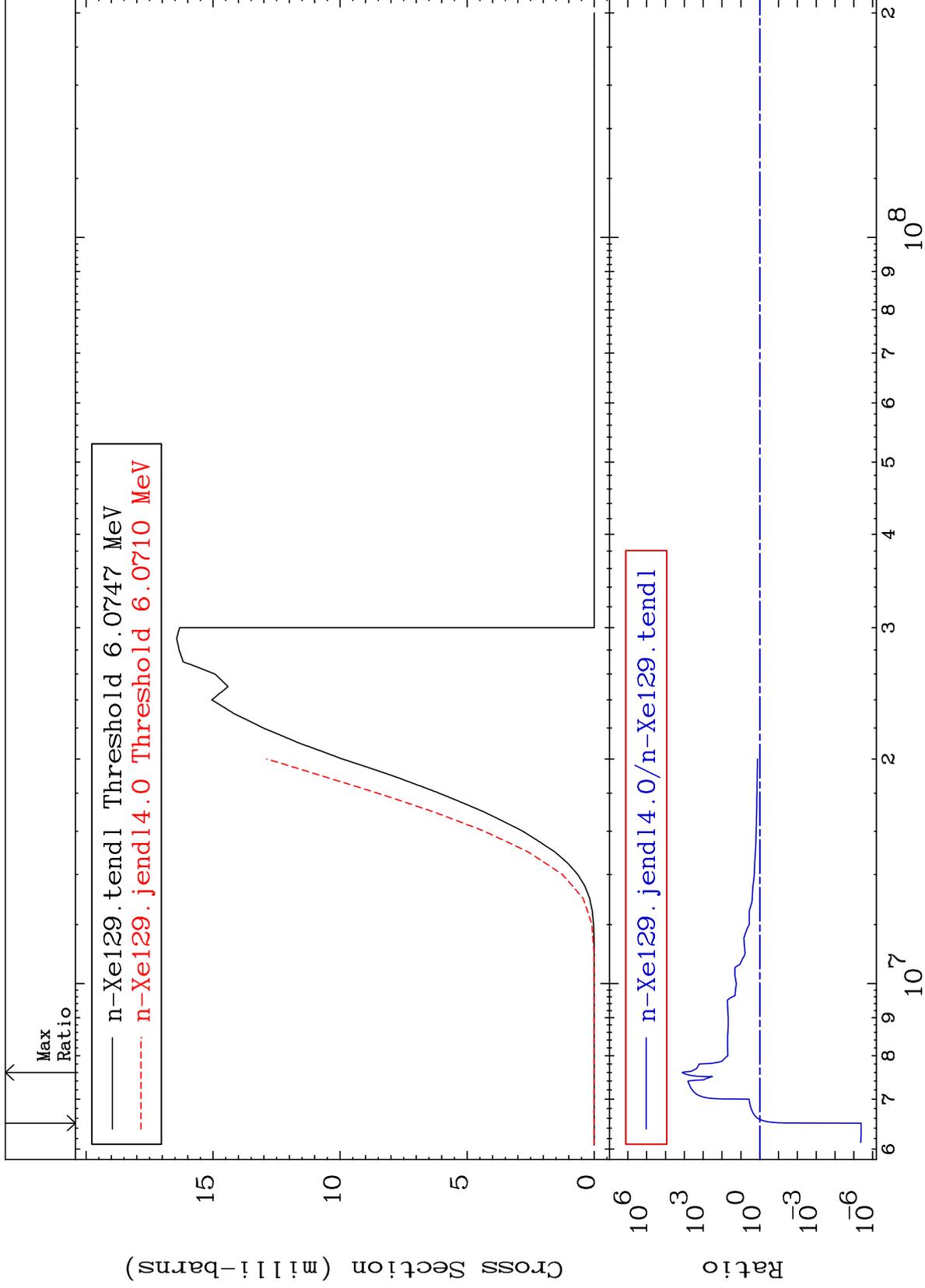
(n, p)  
Cross Section



MAT 5440

(n, d)  
Cross Section

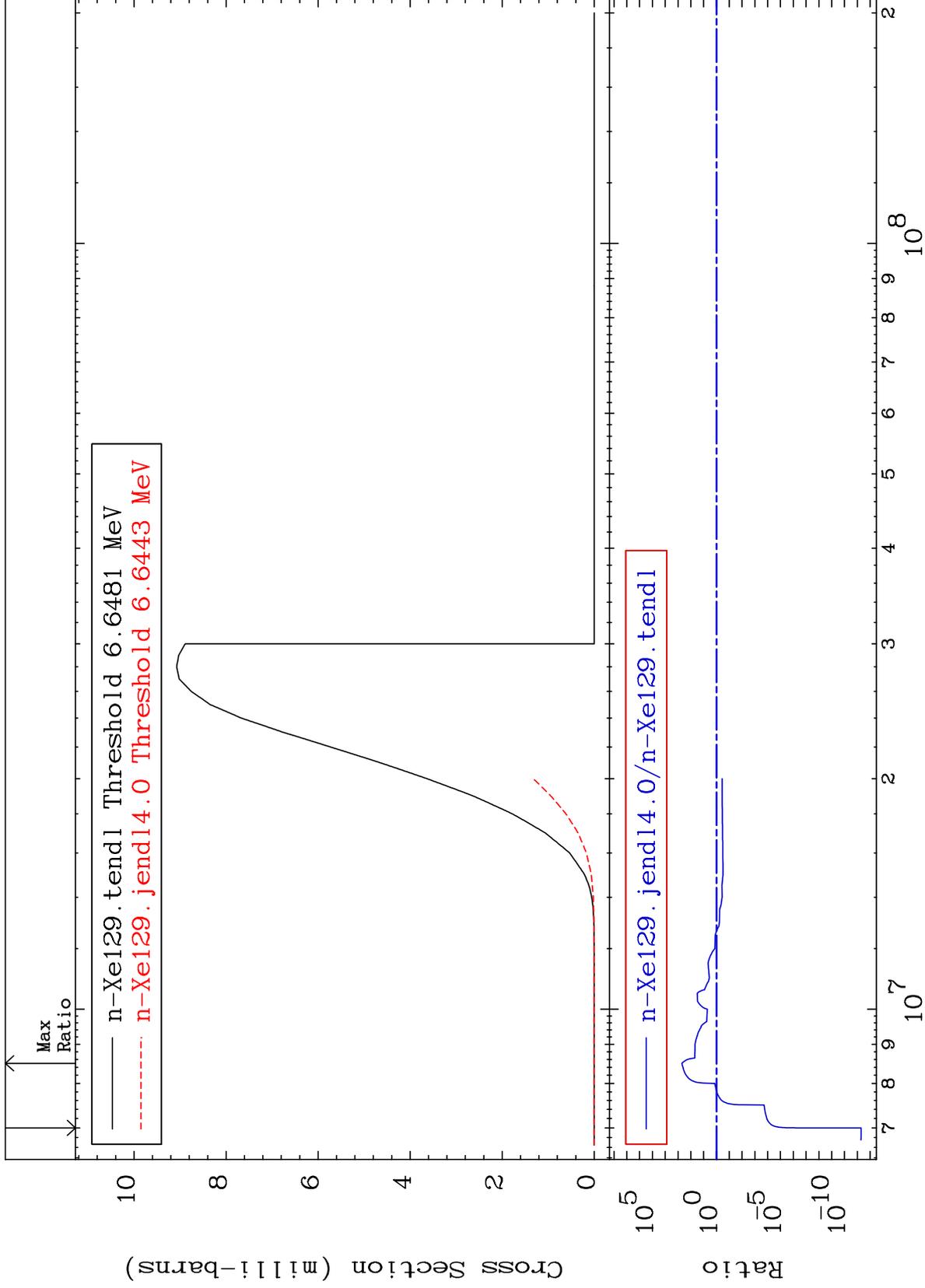
54-Xe-129  
-100.0 To 9999. %



MAT 5440

(n, t)  
Cross Section

54-Xe-129  
-100.0 To 9999. %



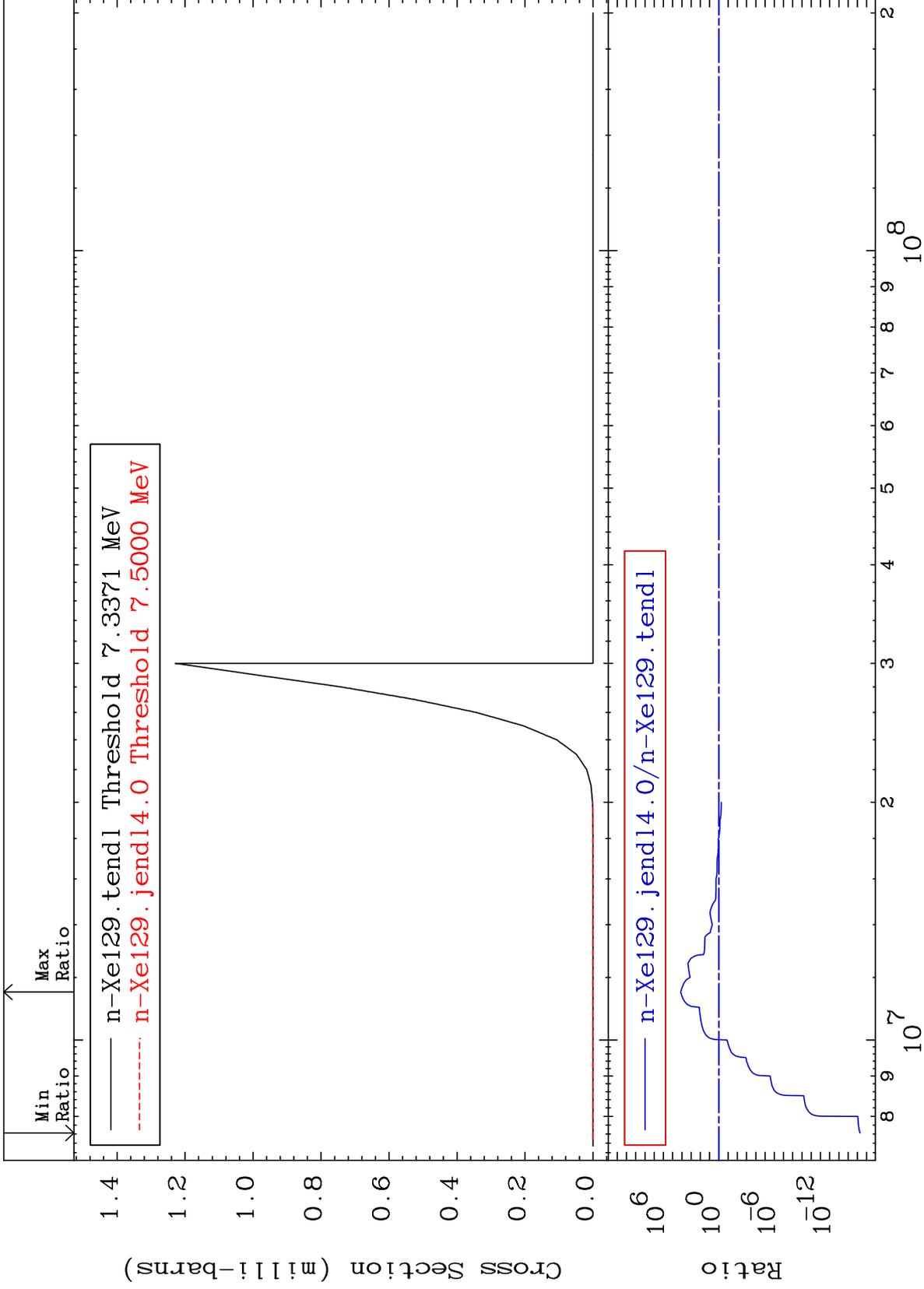
MAT 5440

(n, He-3)

54-Xe-129

Cross Section

-100.0 To 9999. %



25

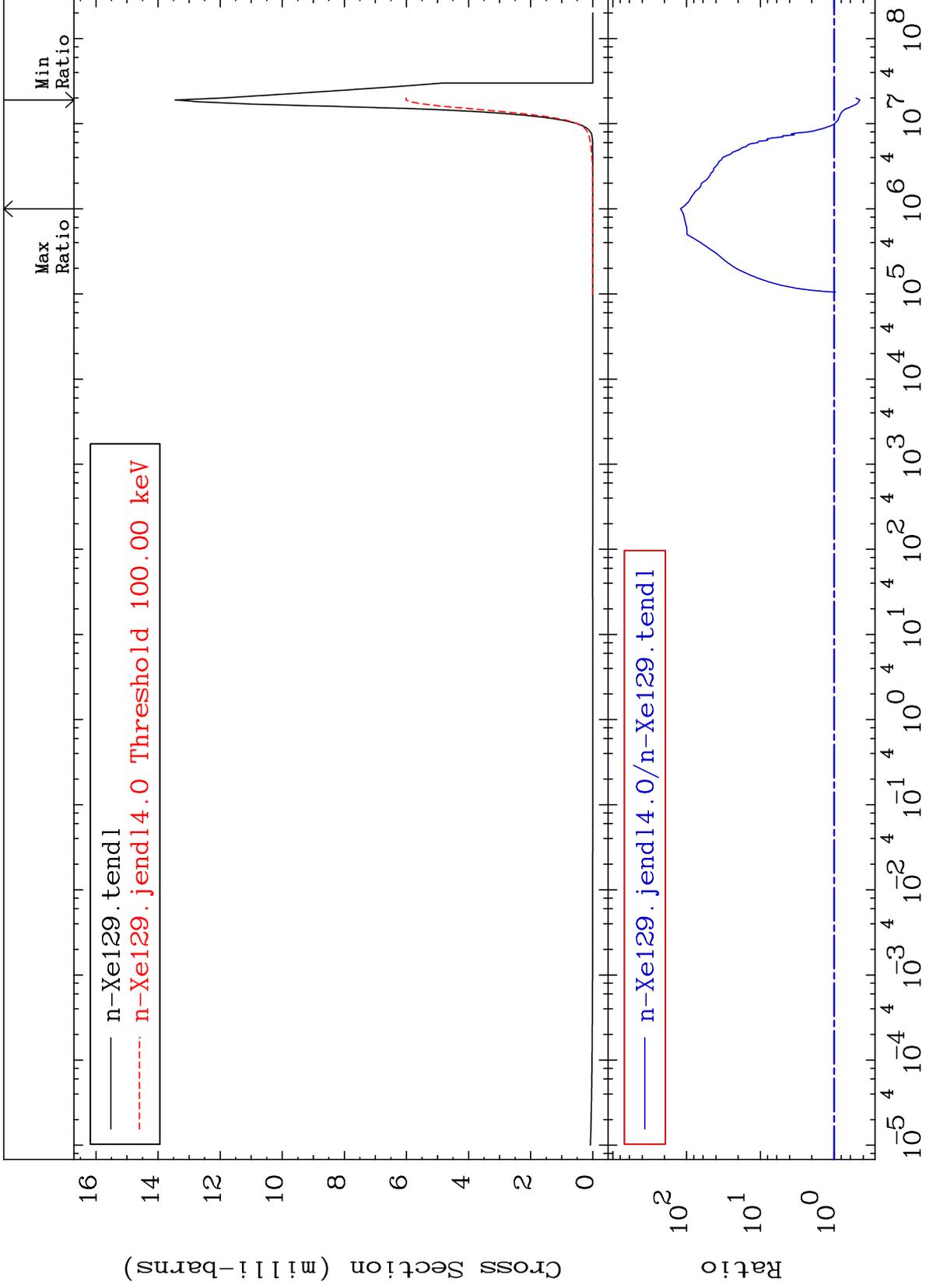
Incident Energy (eV)

54-Xe-129

MAT 5440

(n,  $\alpha$ )  
Cross Section

54-Xe-129  
-55.28 To 9999. %



26

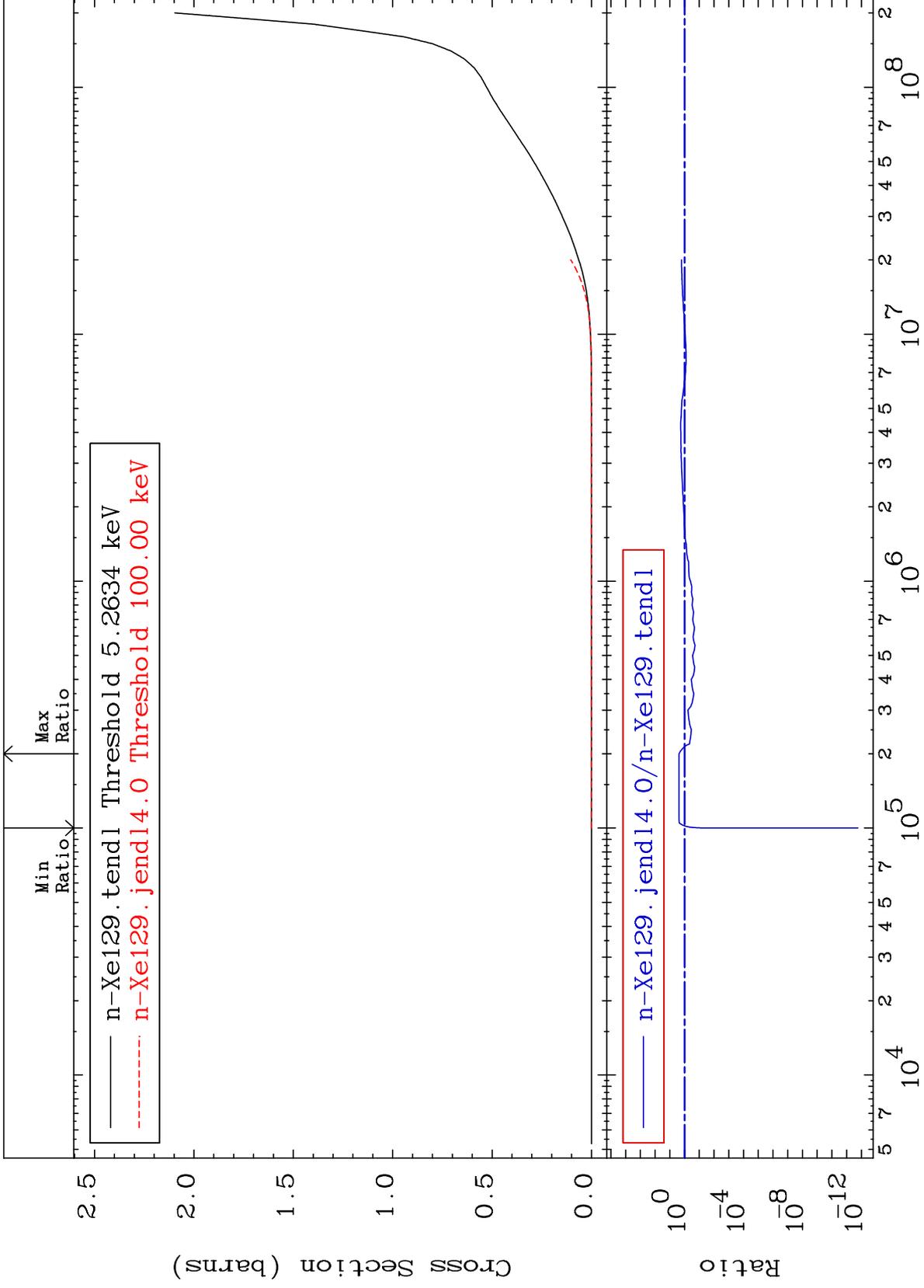
Incident Energy (eV)

54-Xe-129

MAT 5440

Hydrogen Production  
Cross Section

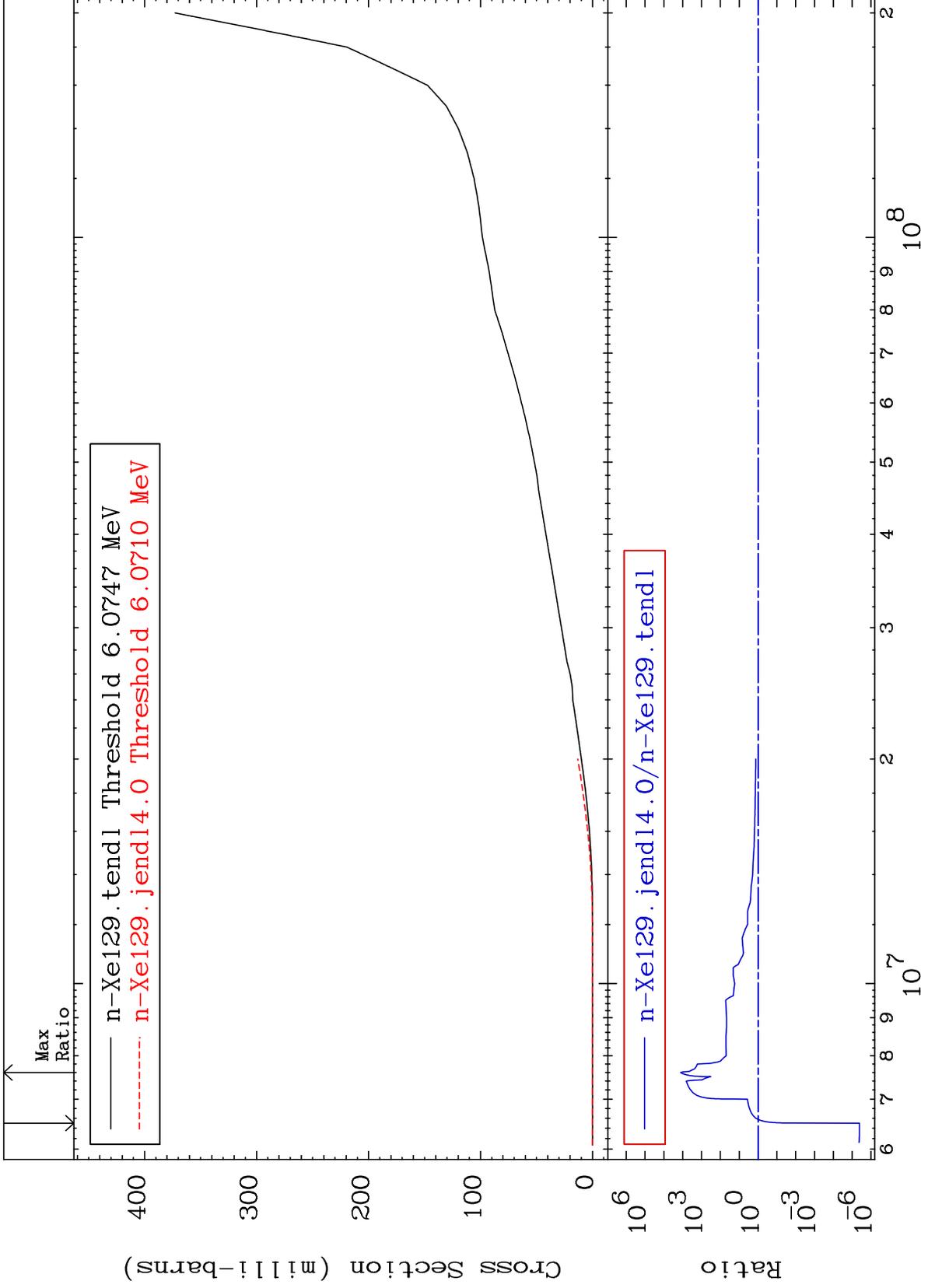
54-Xe-129  
-100.0 To 136.9 %



MAT 5440

Deuterium Production  
Cross Section

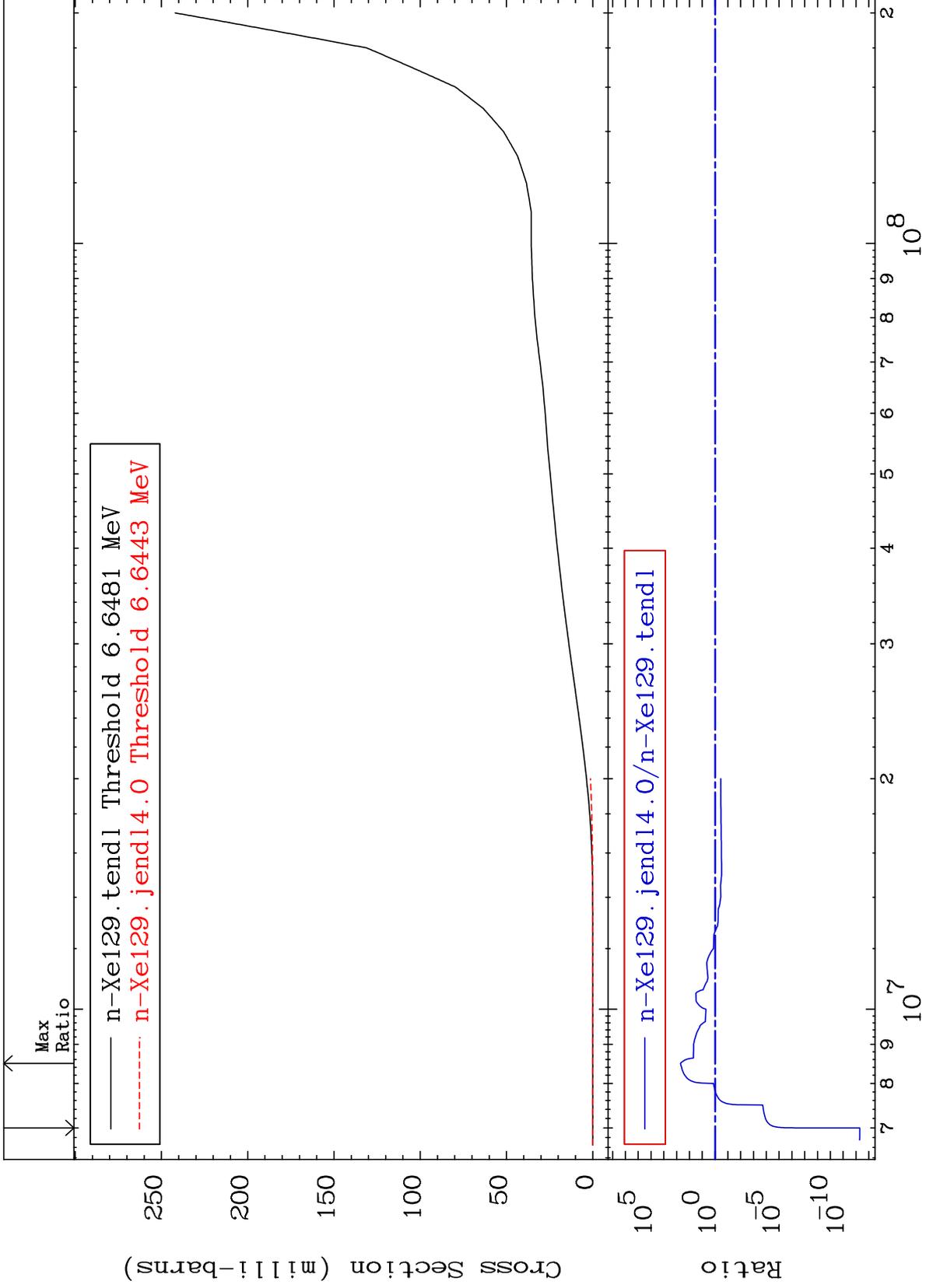
54-Xe-129  
-100.0 To 9999. %



MAT 5440

Tritium Production  
Cross Section

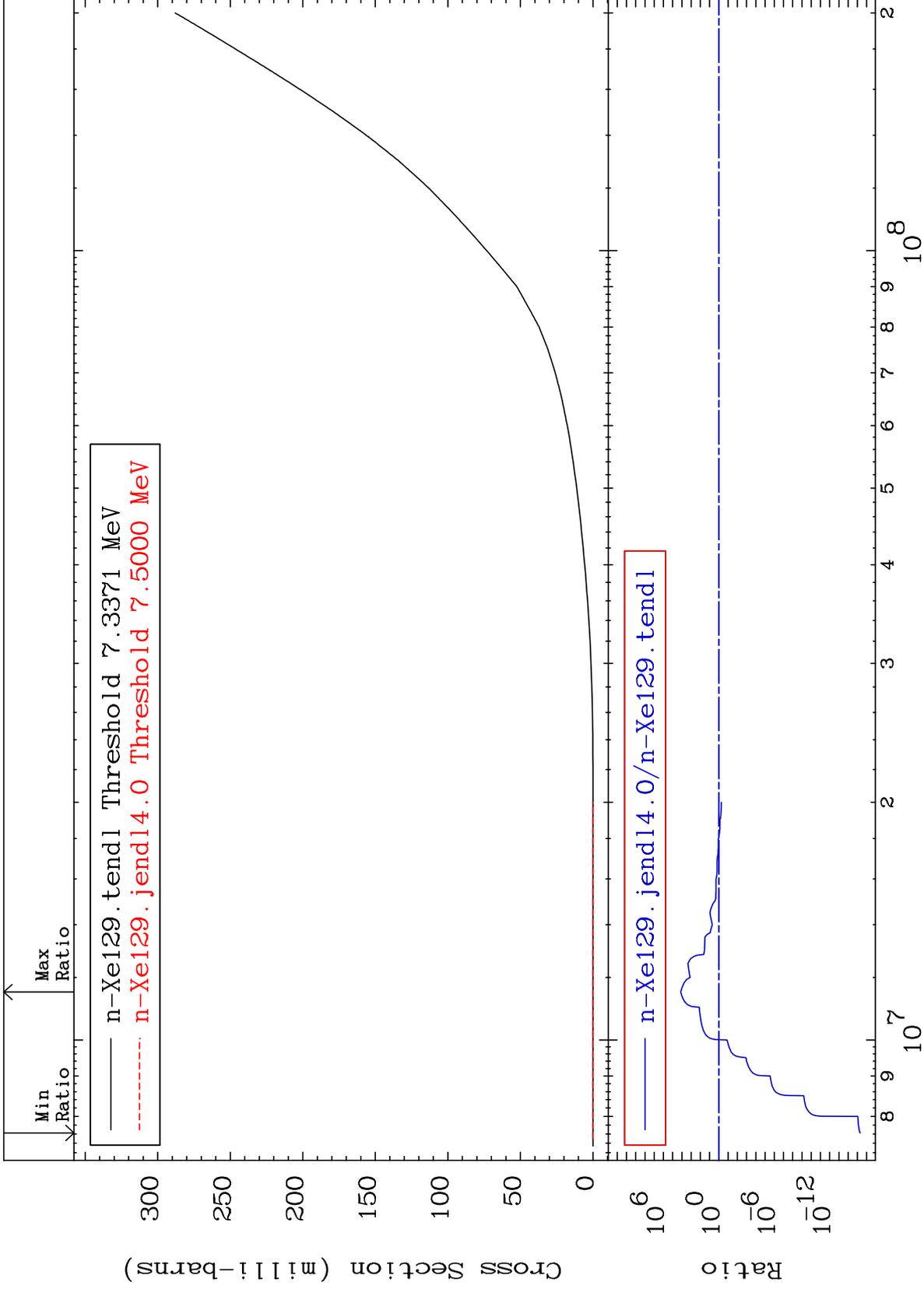
54-Xe-129  
-100.0 To 9999. %



MAT 5440

He-3 Production  
Cross Section

54-Xe-129  
-100.0 To 9999. %



30

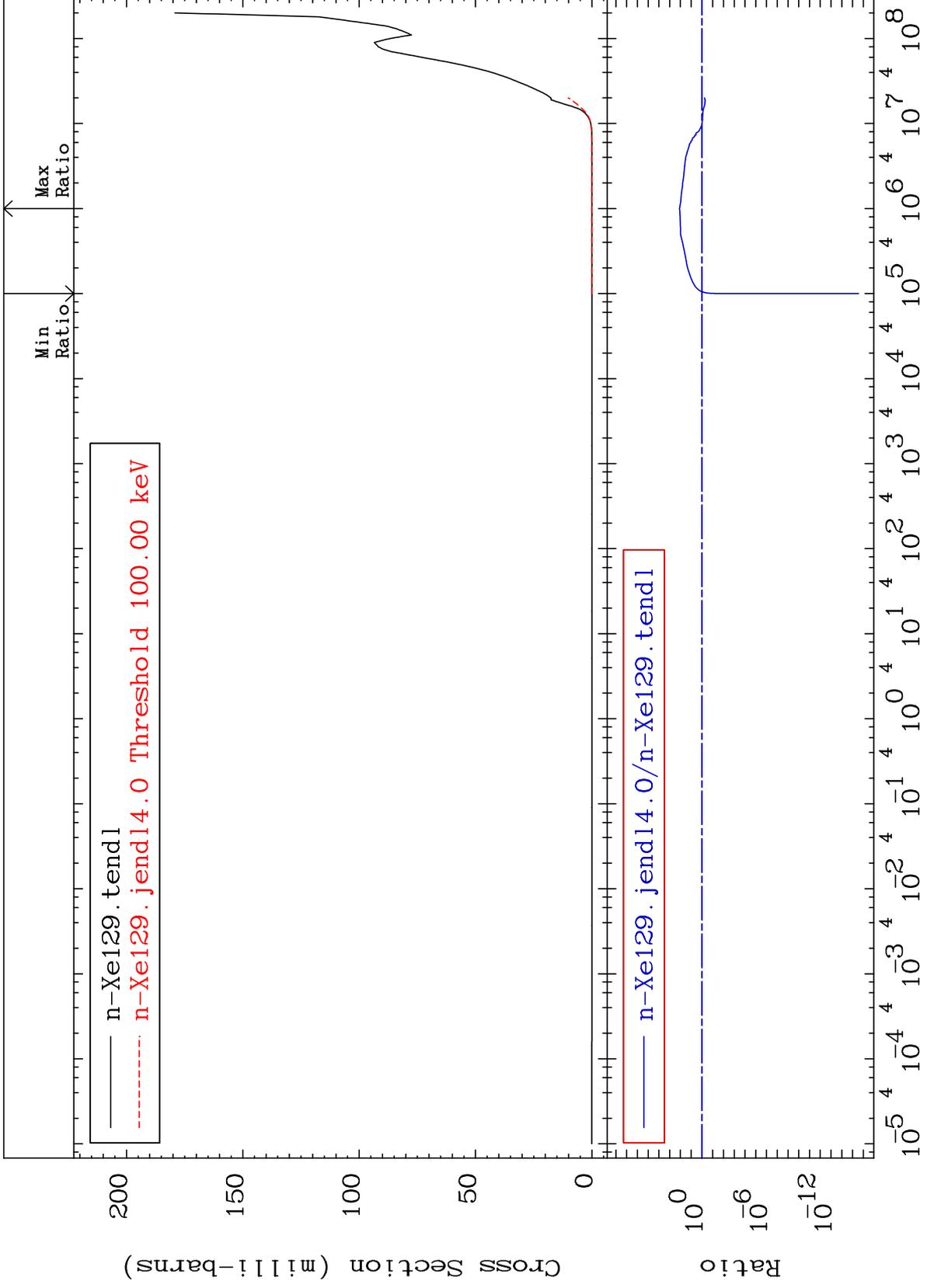
Incident Energy (eV)

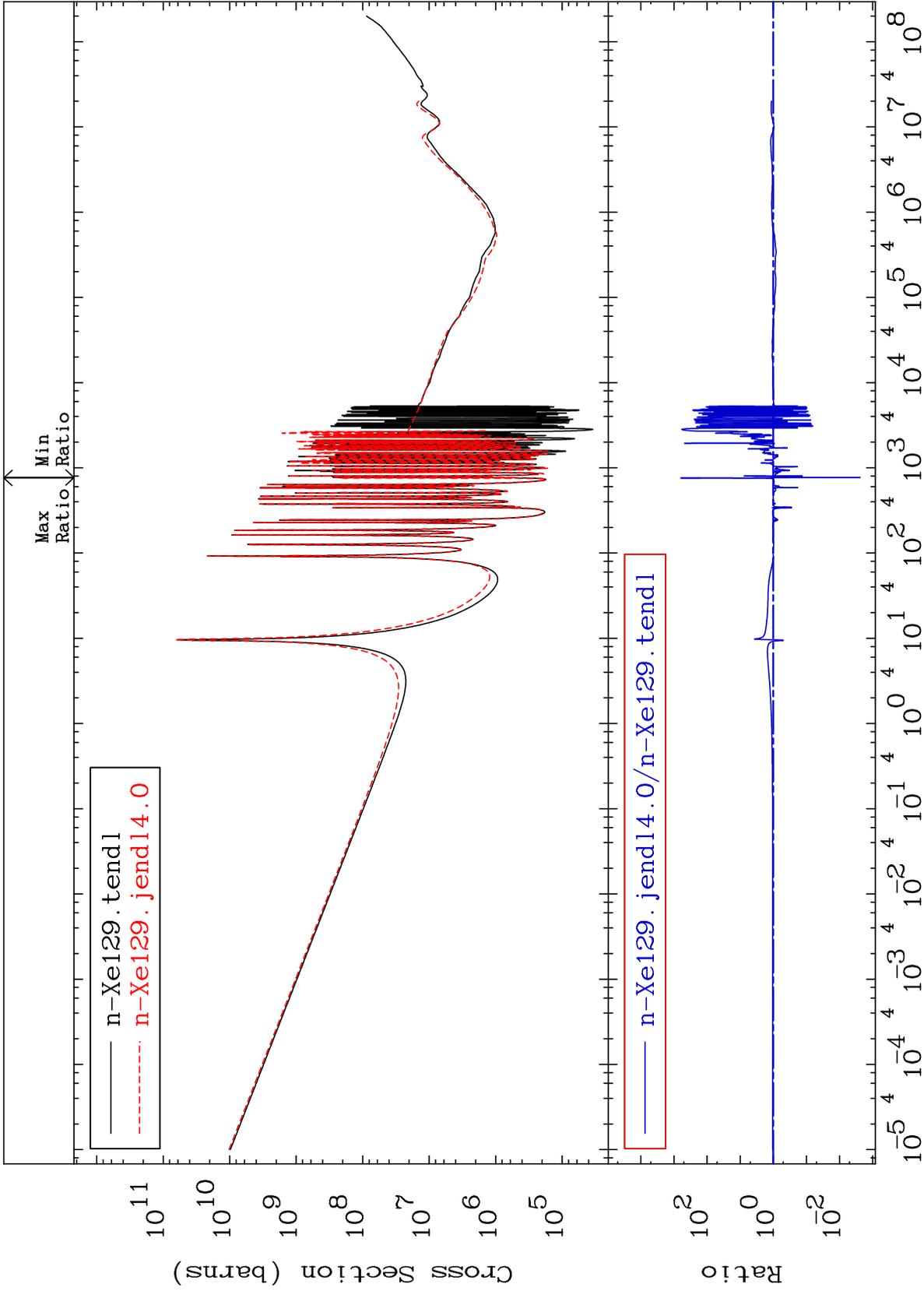
54-Xe-129

MAT 5440

He-4 Production  
Cross Section

54-Xe-129  
-100.0 To 9999. %

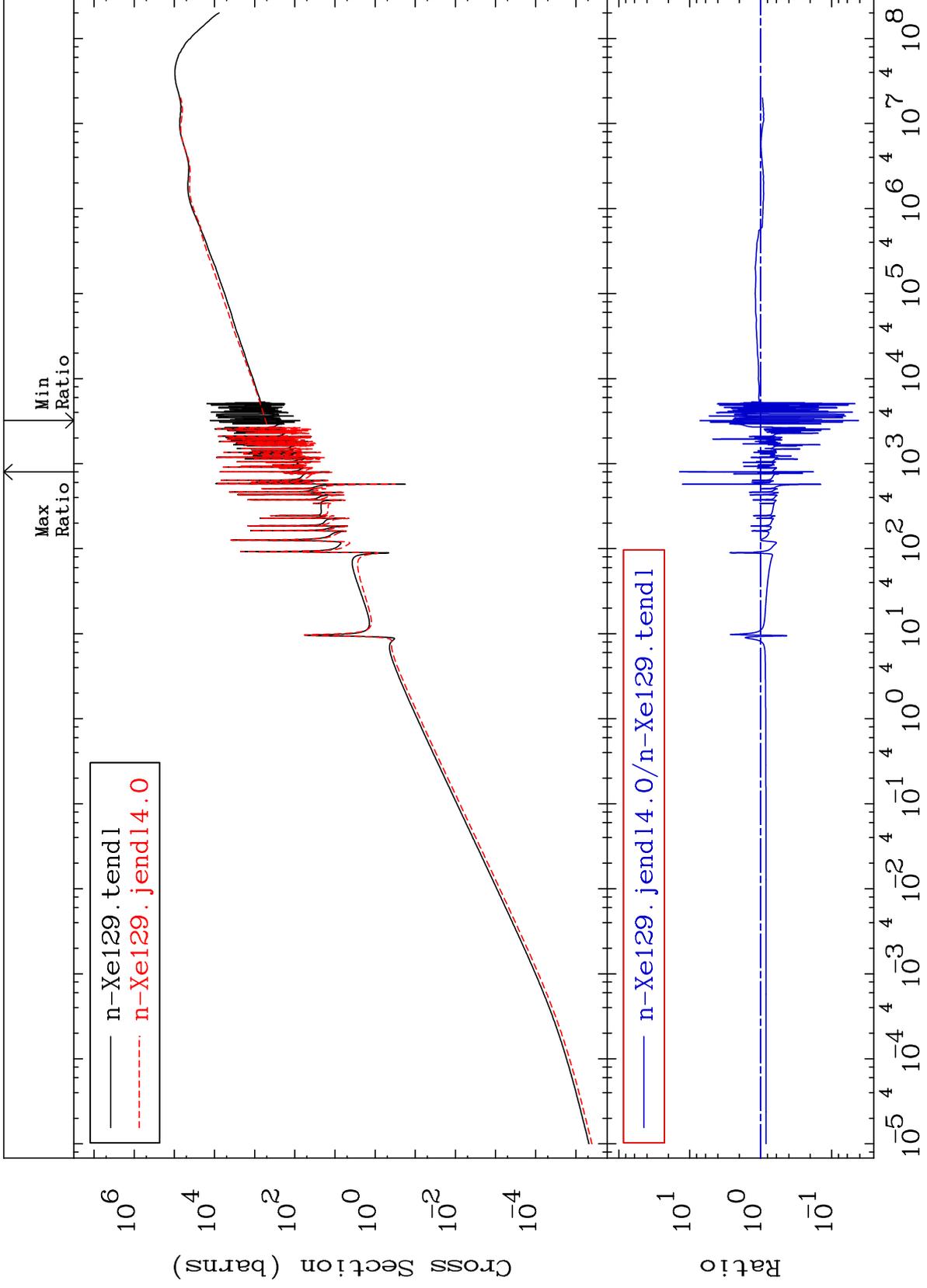


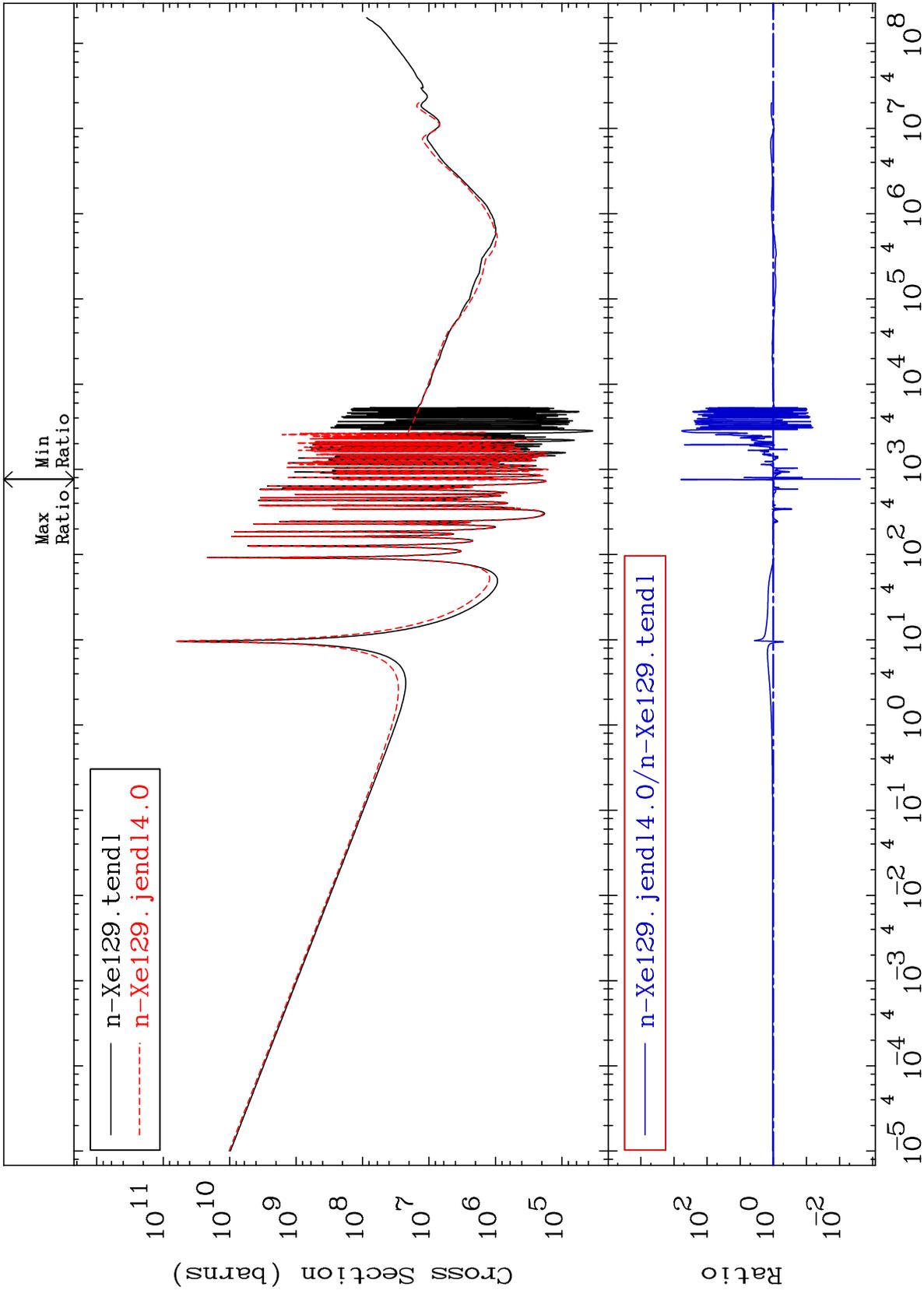


MAT 5440

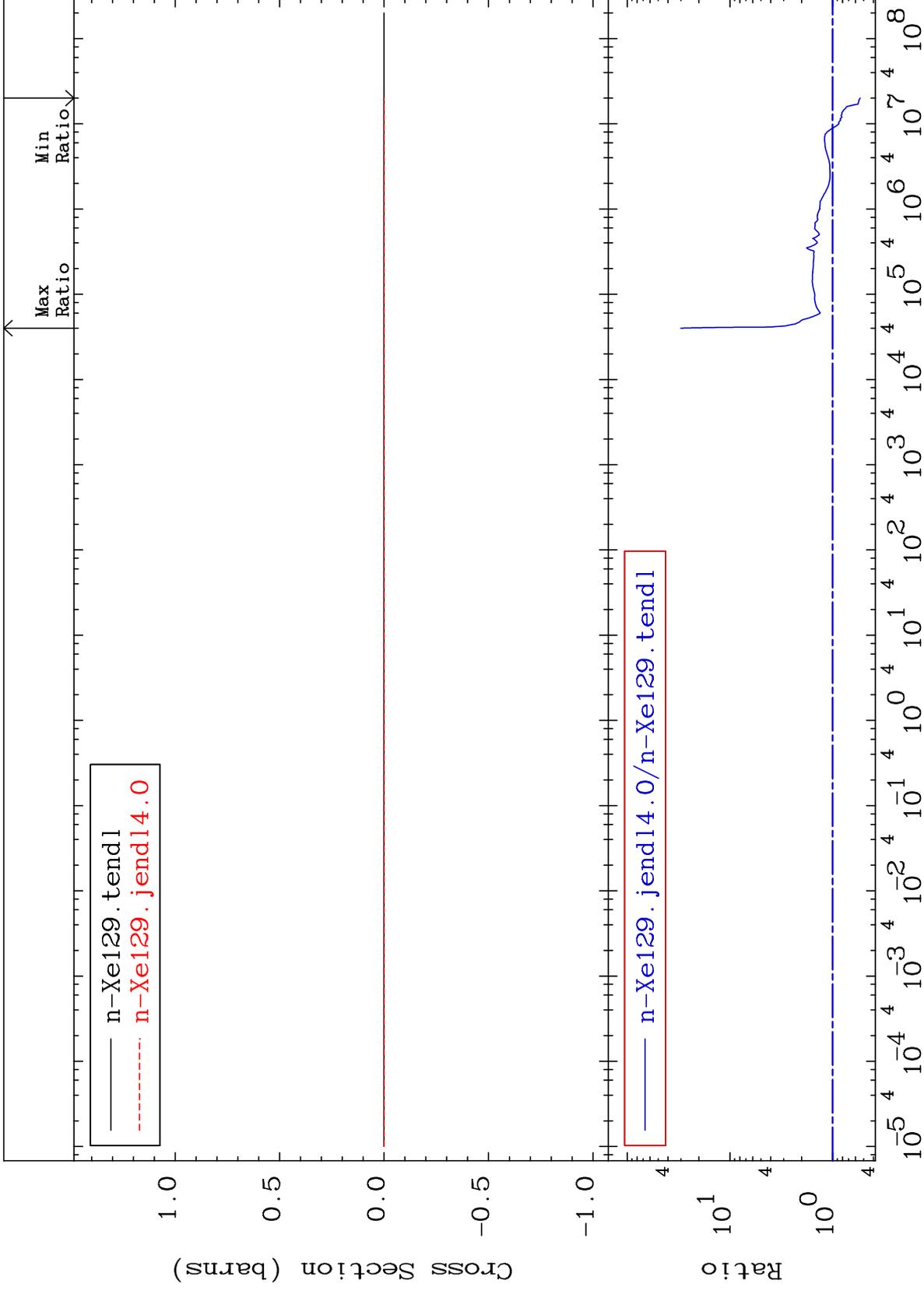
Kerma elastic  
Cross Section

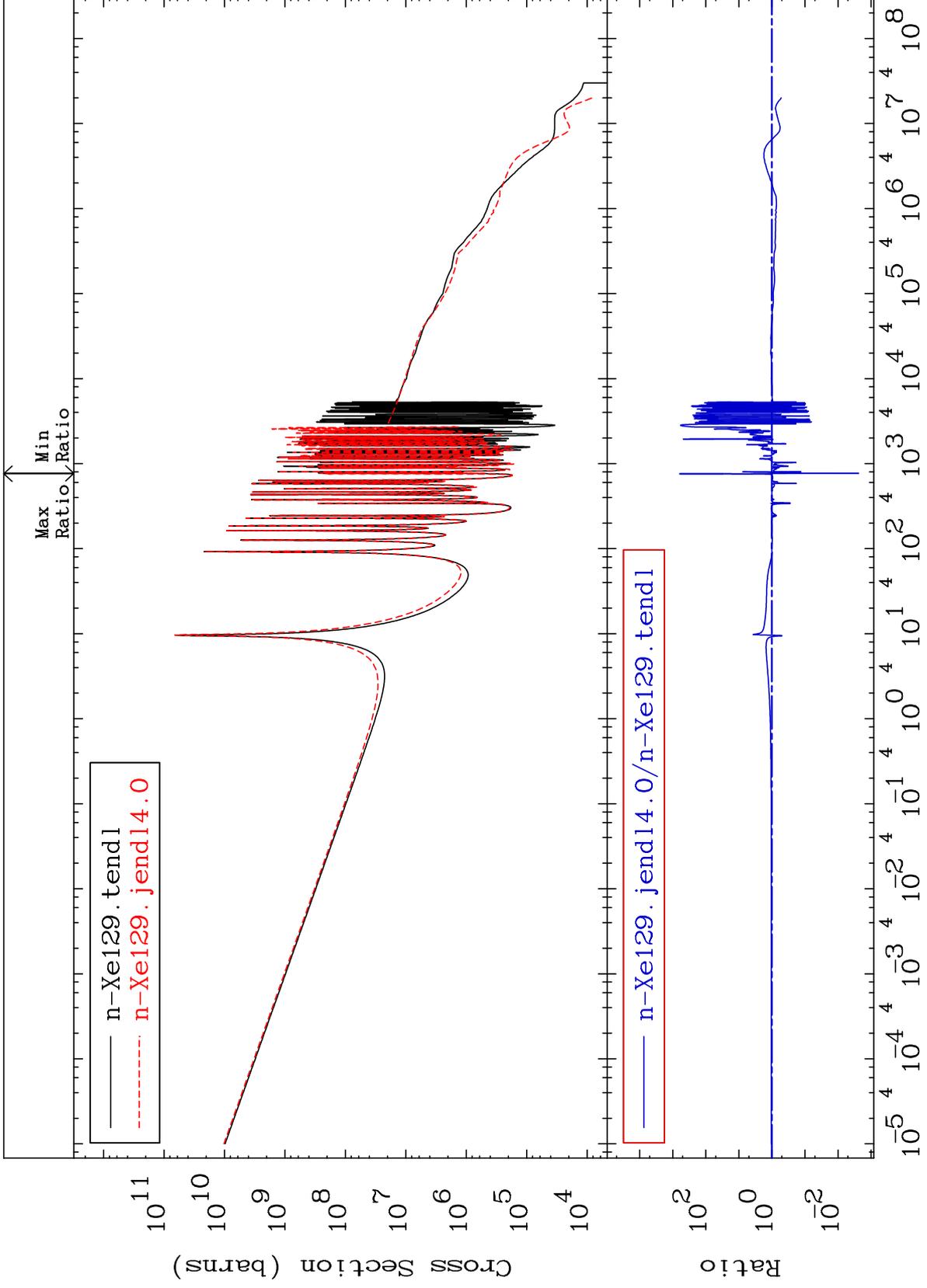
54-Xe-129  
-95.83 To 1291. %

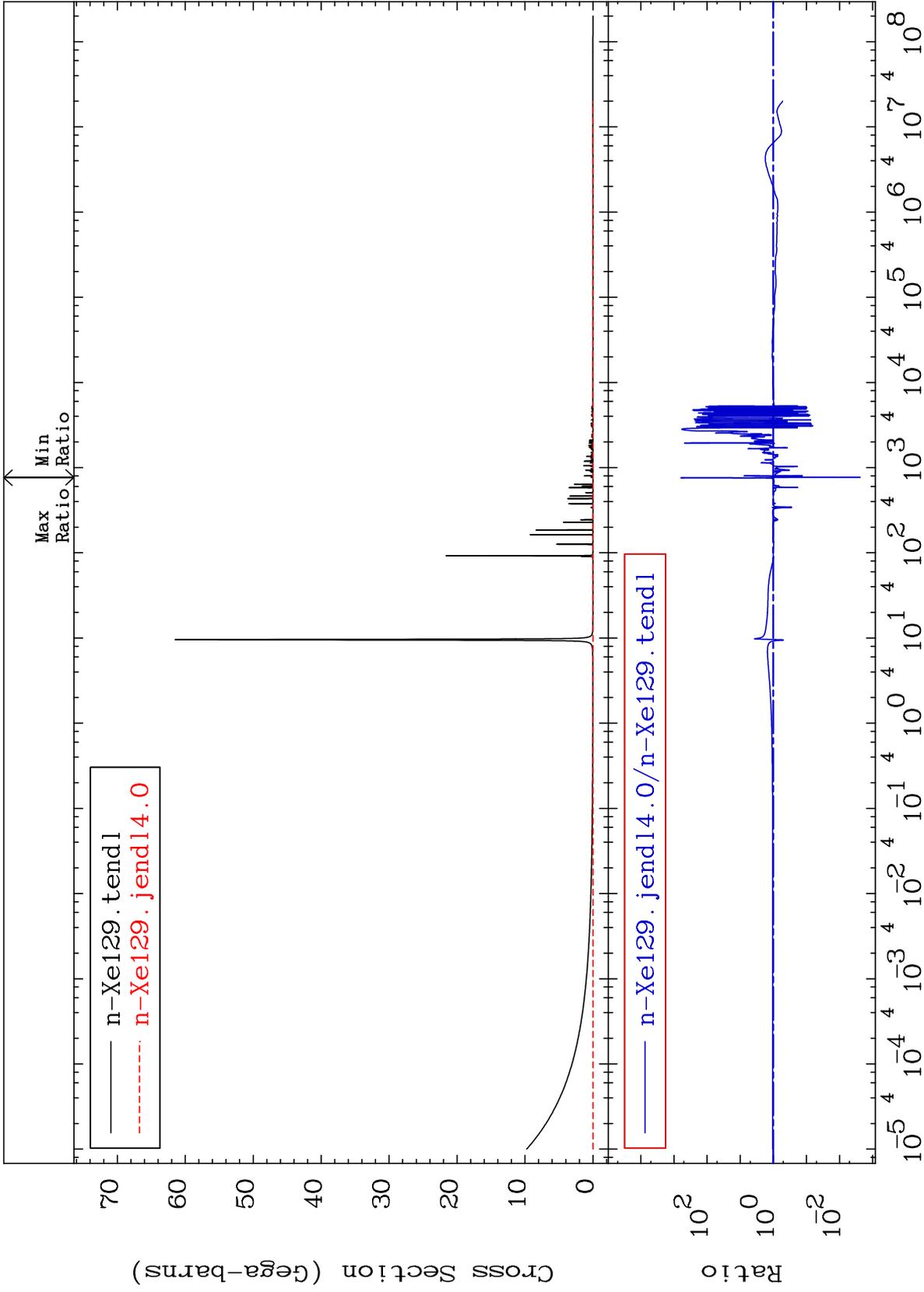


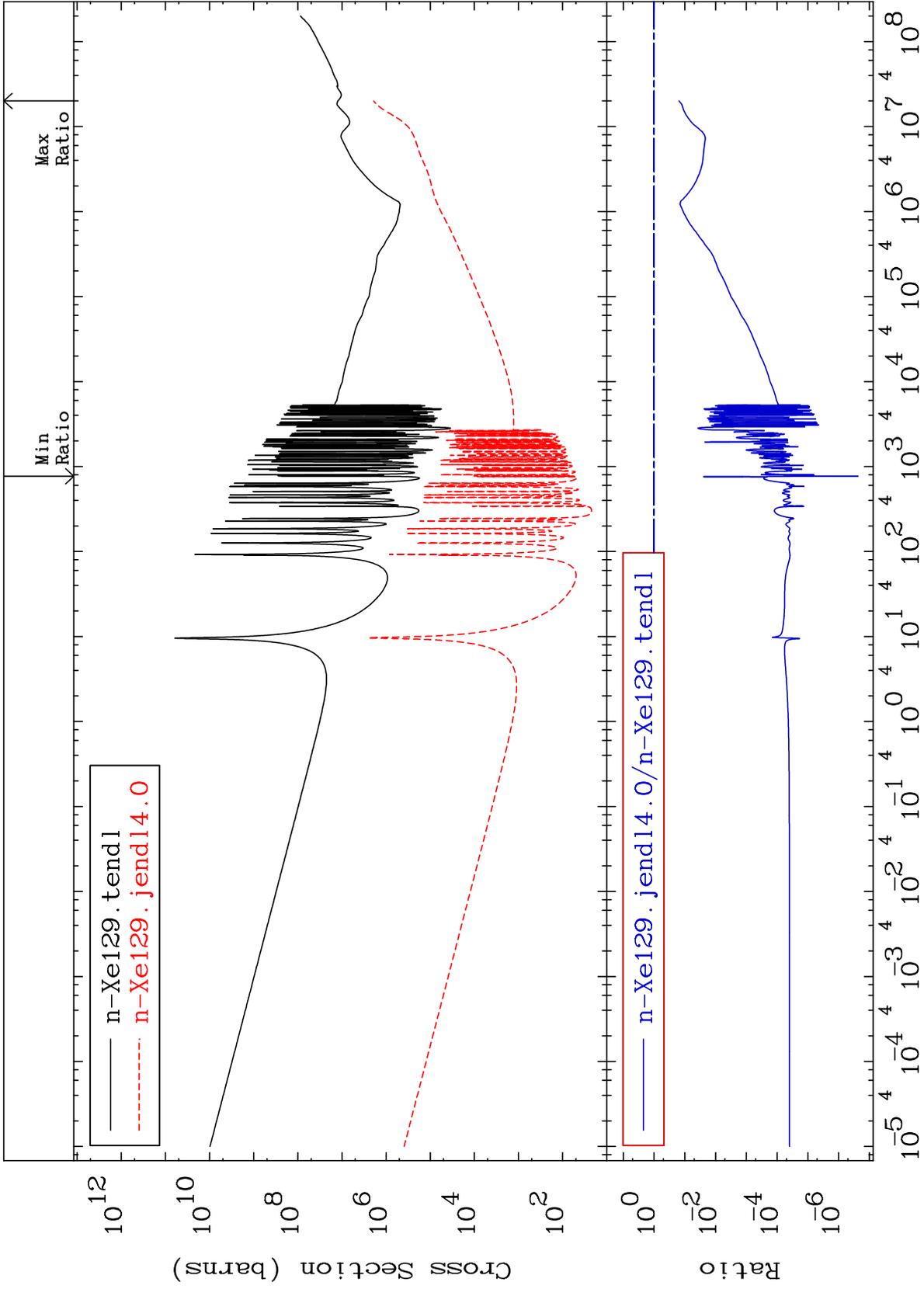








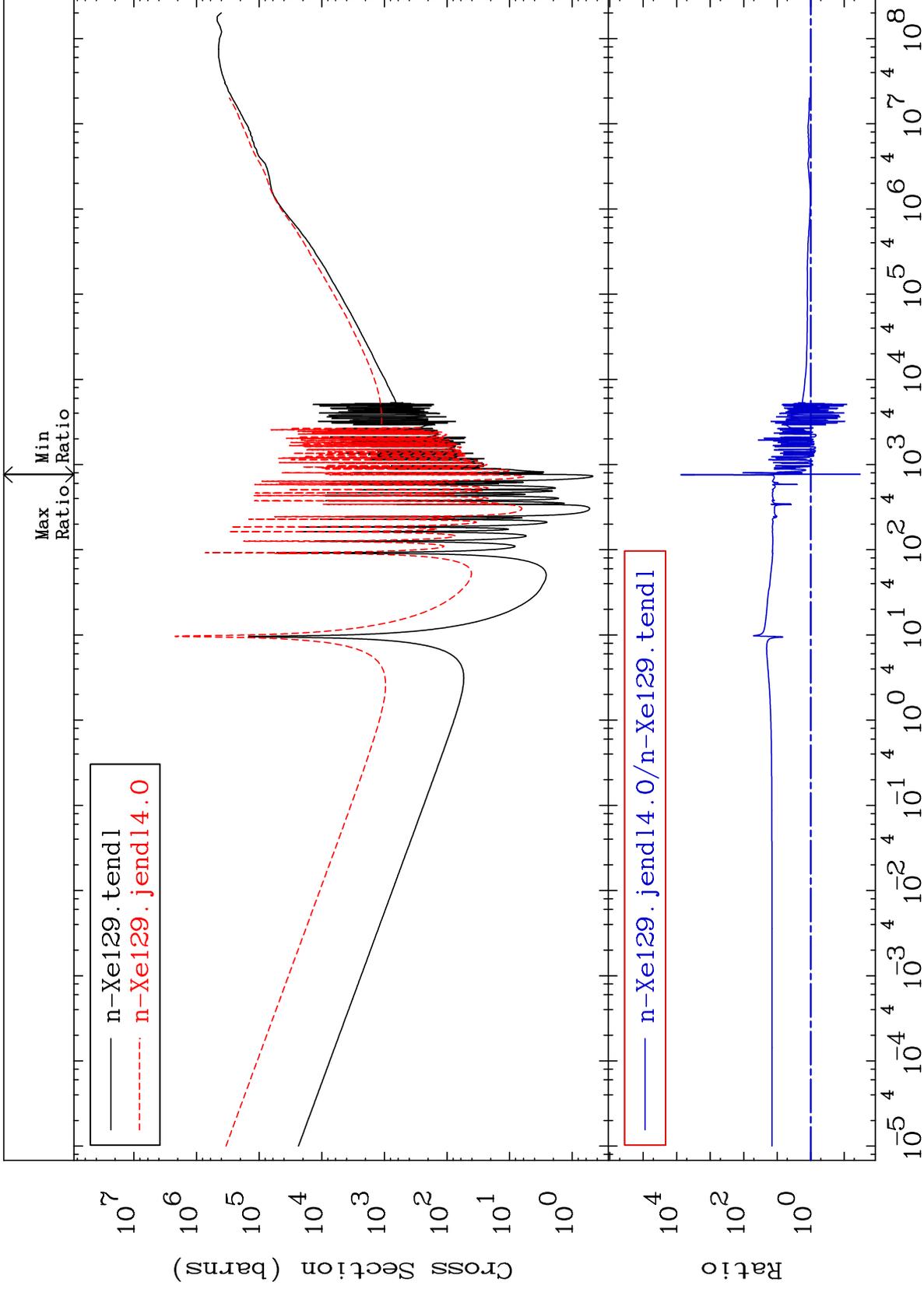




MAT 5440

Dpa total (eV-barns)  
Cross Section

54-Xe-129  
-96.64 To 9999. %



40

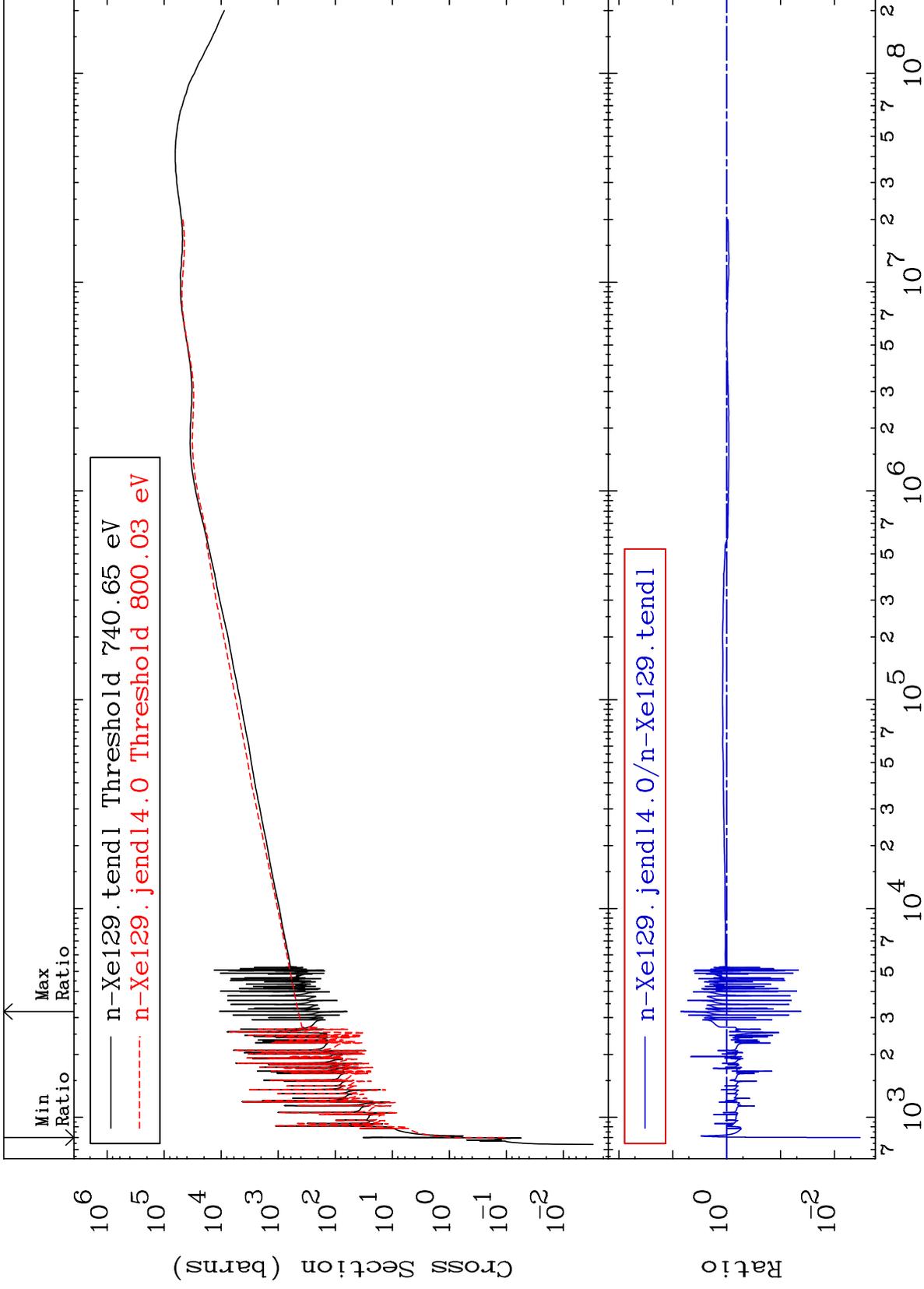
Incident Energy (eV)

54-Xe-129

MAT 5440

Dpa elastic (mt2)  
Cross Section

54-Xe-129  
-99.67 To 609.6 %



41

Incident Energy (eV)

54-Xe-129

MAT 5440

Dpa inelastic (mt51-91)  
Cross Section

54-Xe-129  
15.68 To 2909. %

