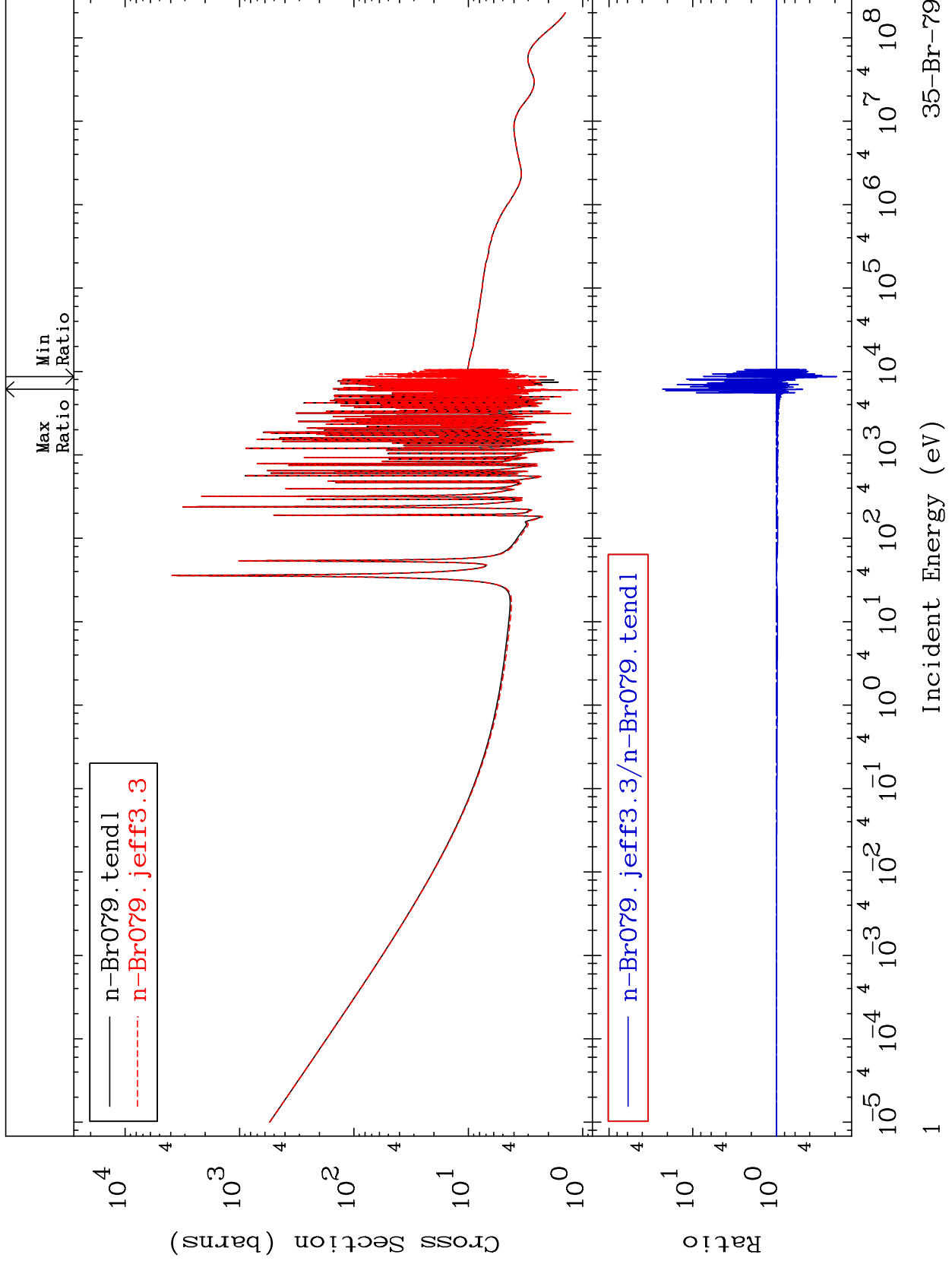


MAT 3525

Total
Cross Section

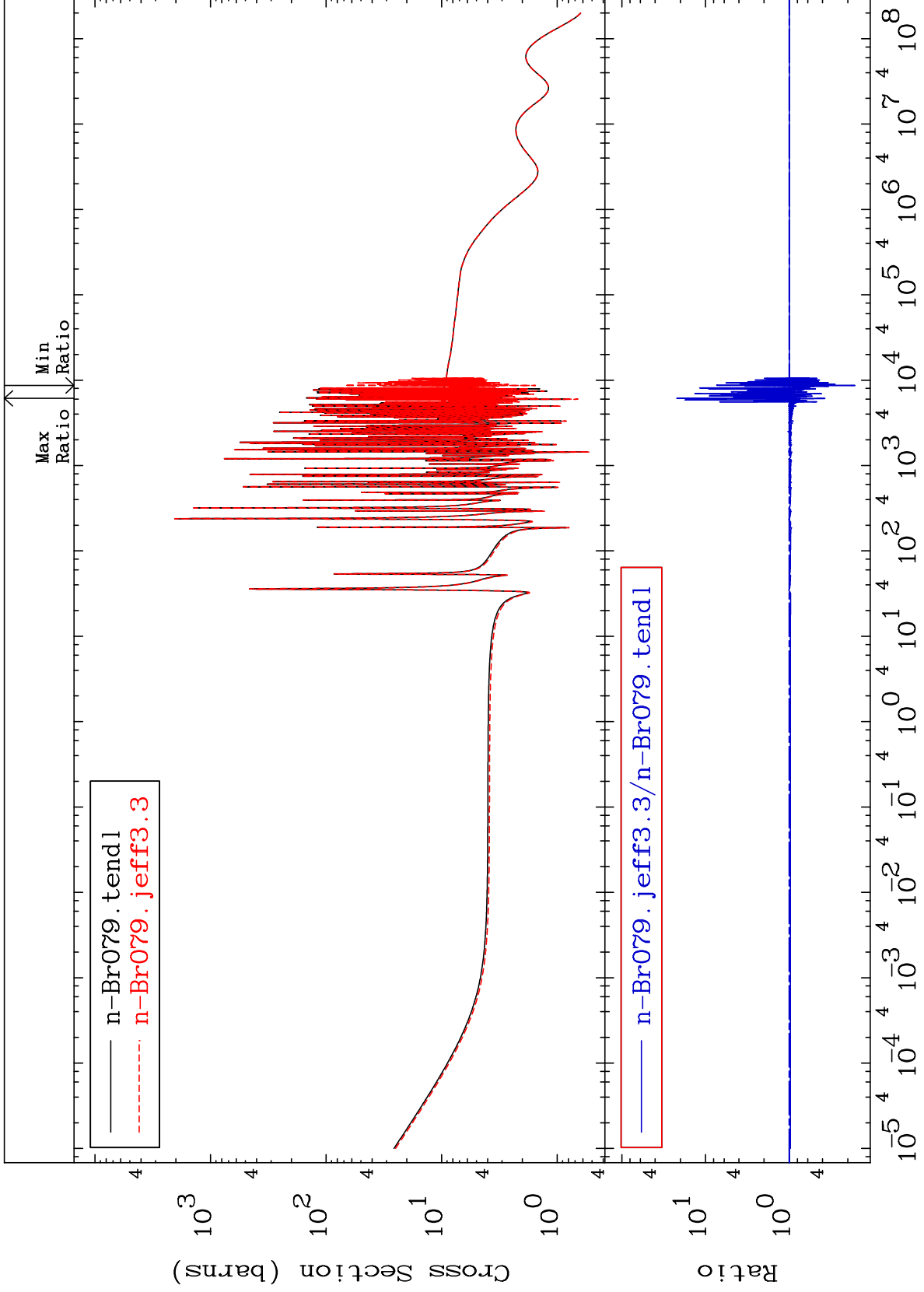
35-Br-79
-81.01 To 2177. %



MAT 3525

Elastic
Cross Section

35-Br-79
-83.67 To 2096. %



Incident Energy (eV)

35-Br-79

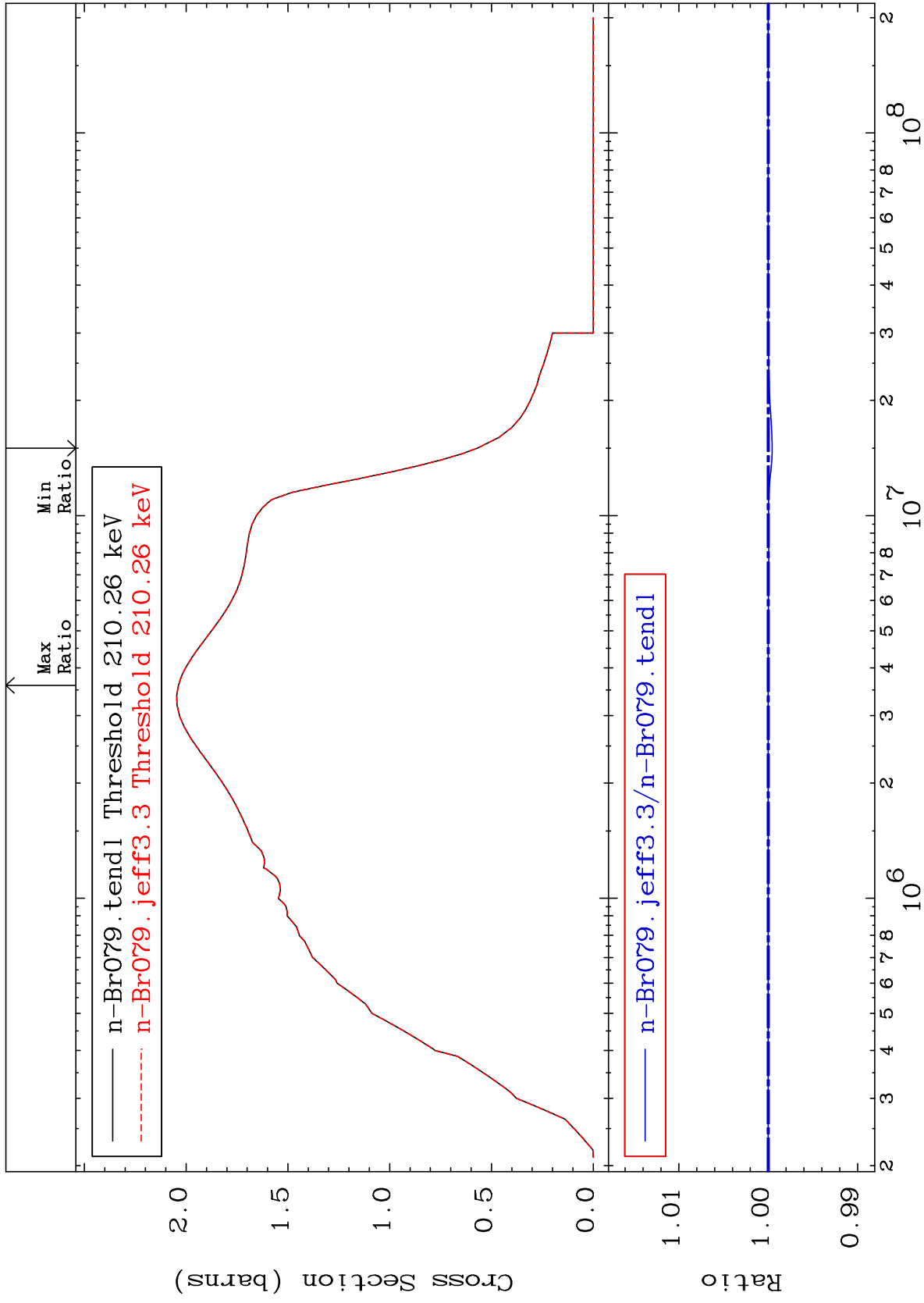
2

MAT 3525

35-Br-79

-0.044 To 0.000 %

Inelastic
Cross Section



Incident Energy (eV)

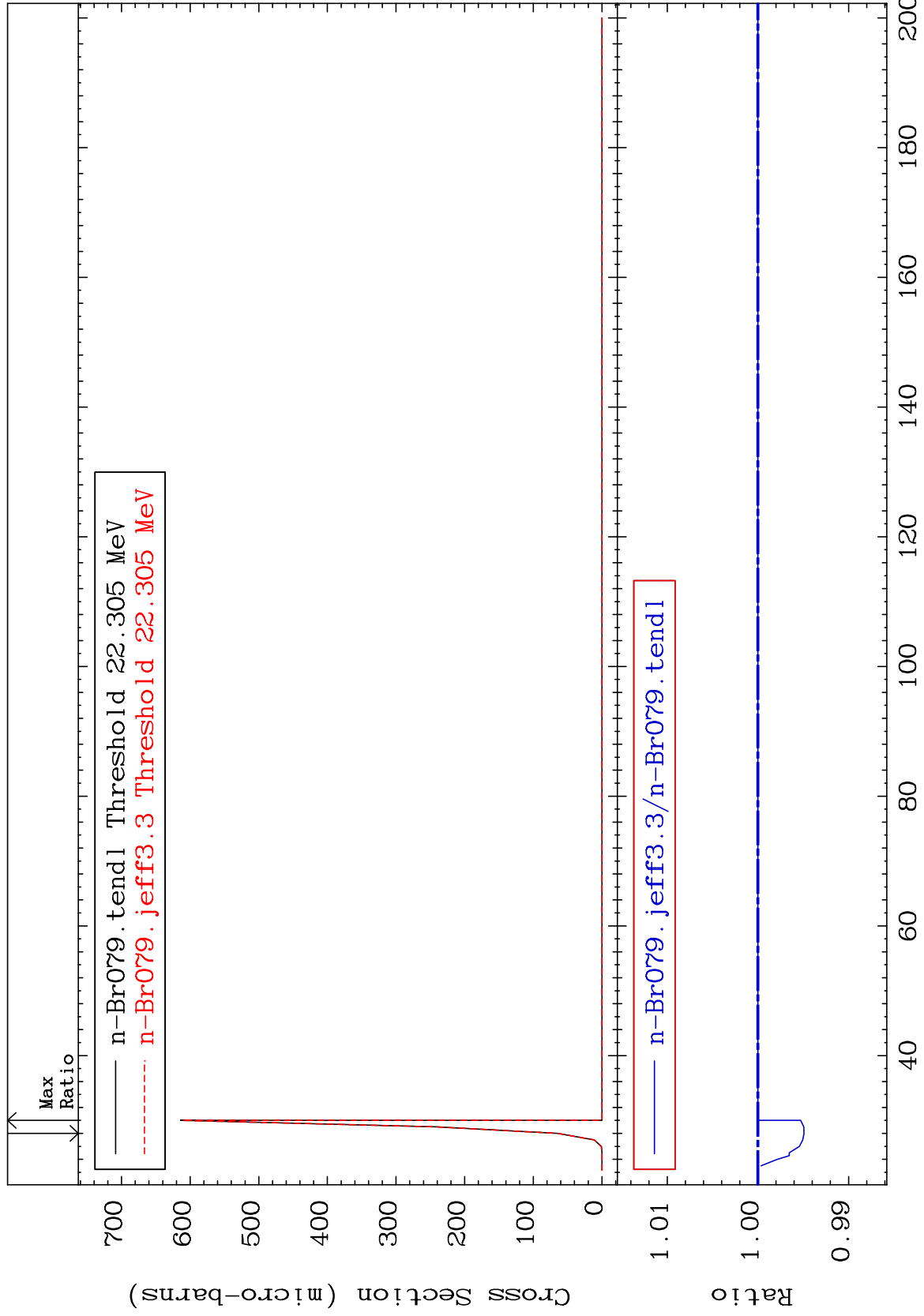
35-Br-79

3

MAT 3525

(n,2n) d
Cross Section

³⁵Br-79
-0.509 To 0.000 %



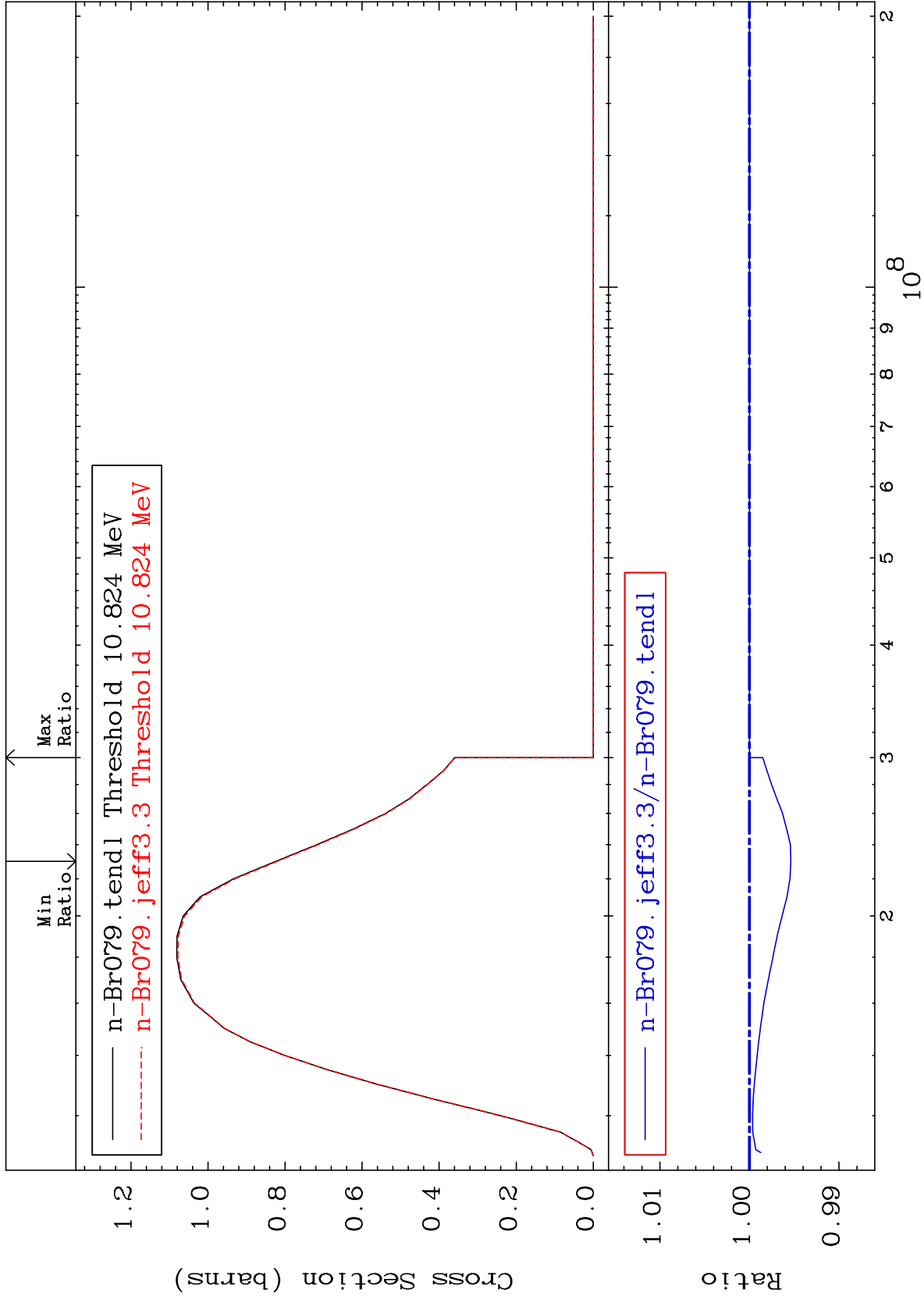
MAT 3525

(n,2n)

35-Br-79

Cross Section

-0.463 To 0.000 %



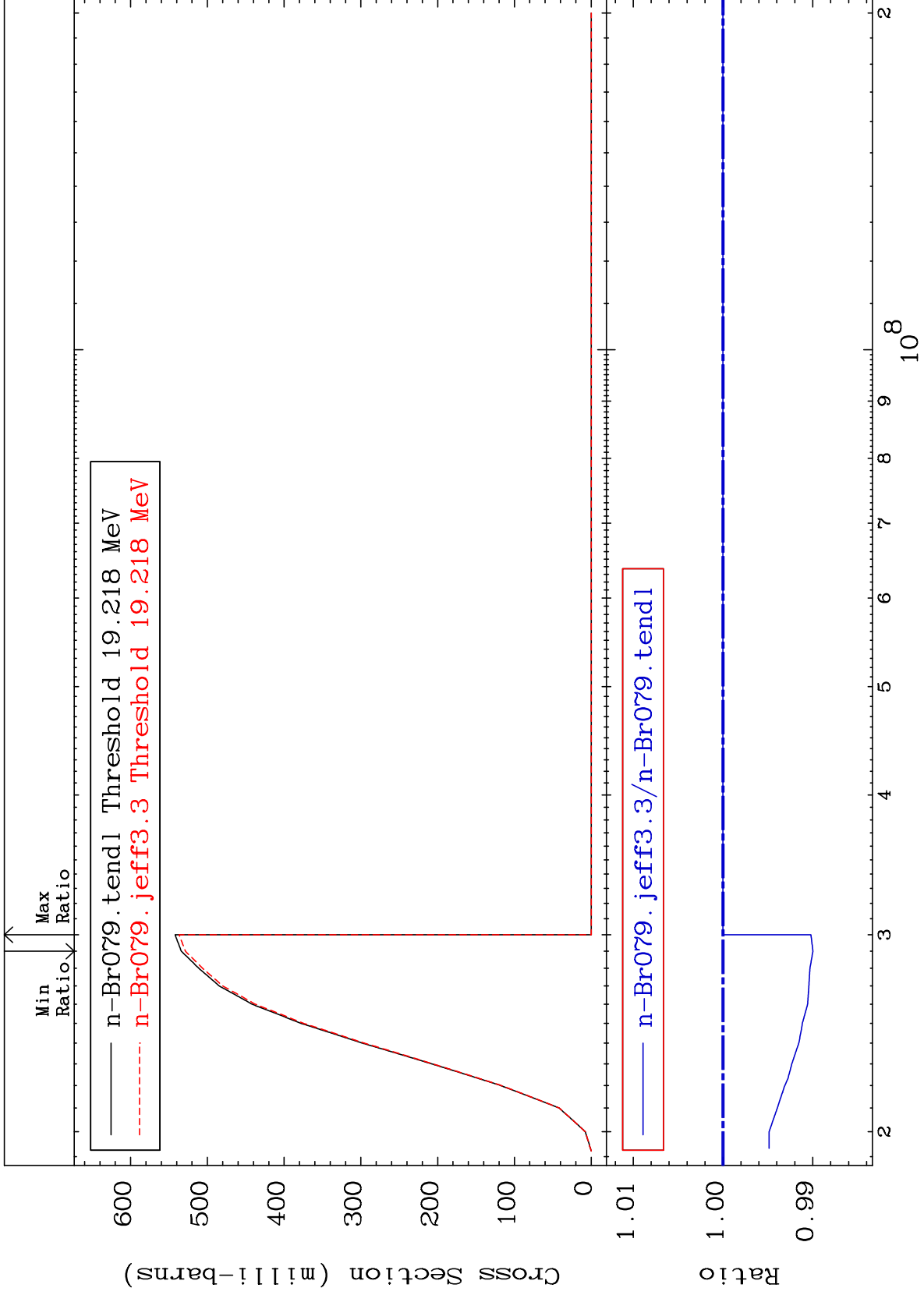
MAT 3525

(n,3n)

³⁵Br-79

Cross Section

-1.002 To 0.000 %



6

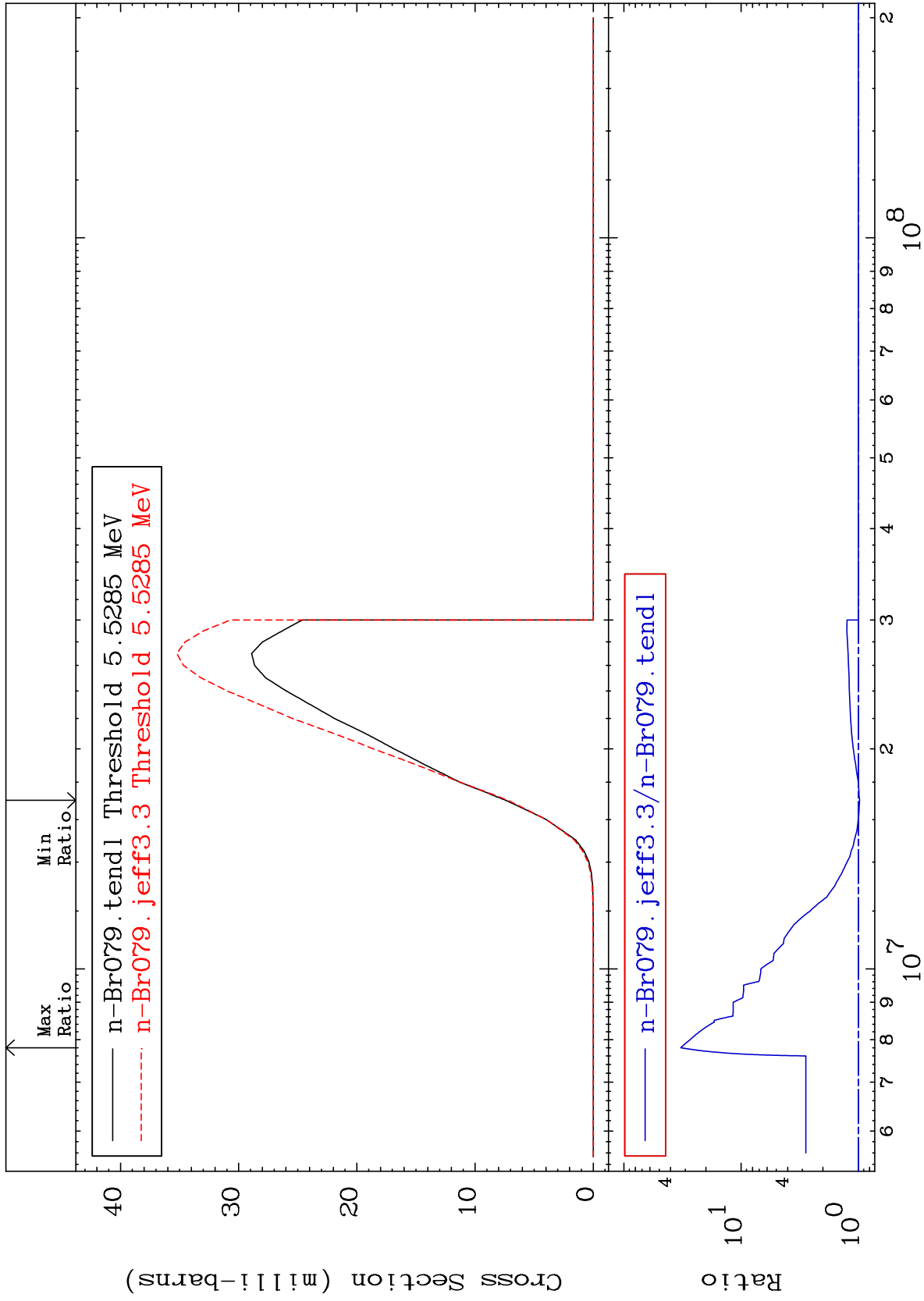
Incident Energy (eV)

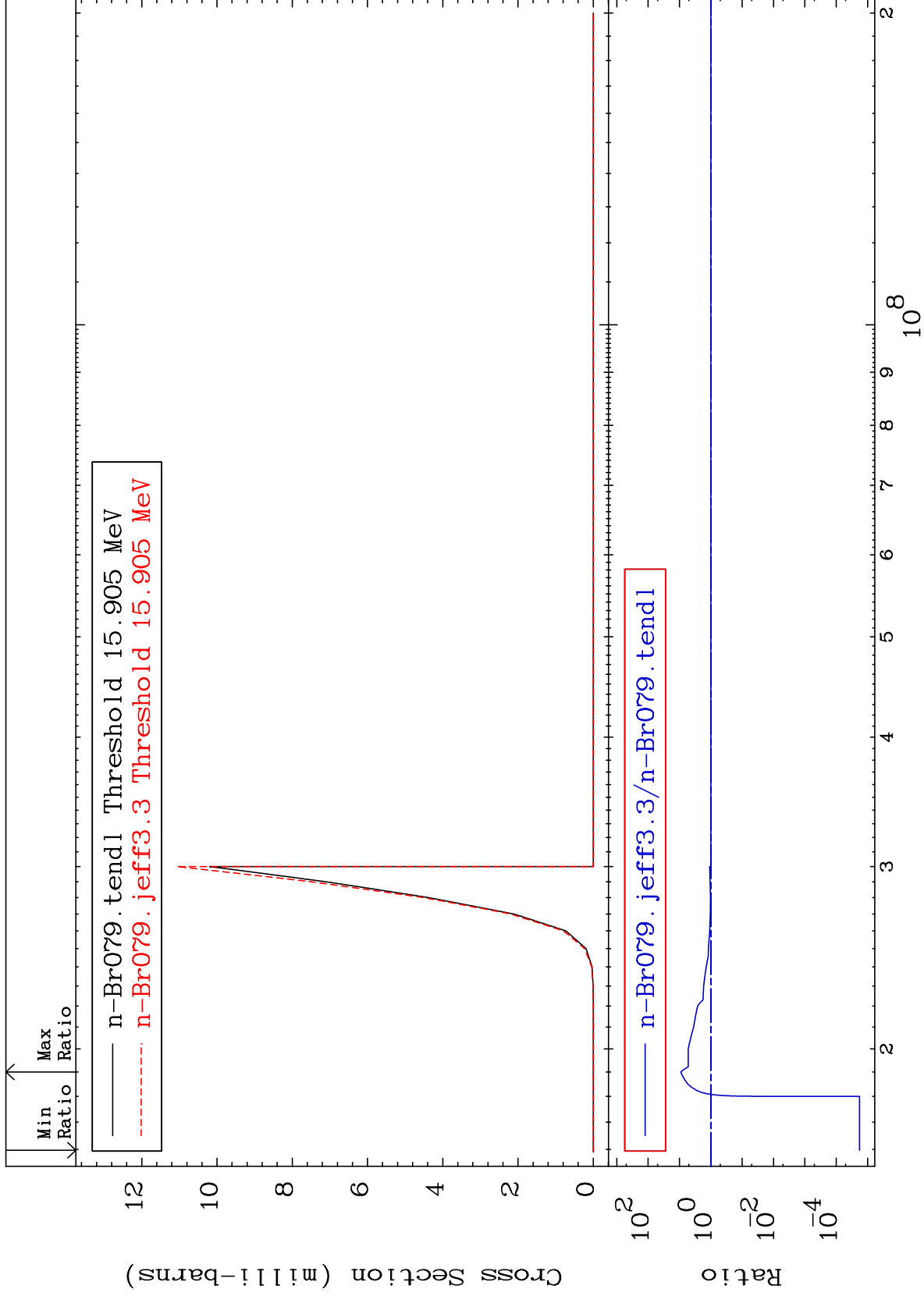
³⁵Br-79

MAT 3525

(n, n') α
Cross Section

35-Br-79
-2.530 To 3173. %

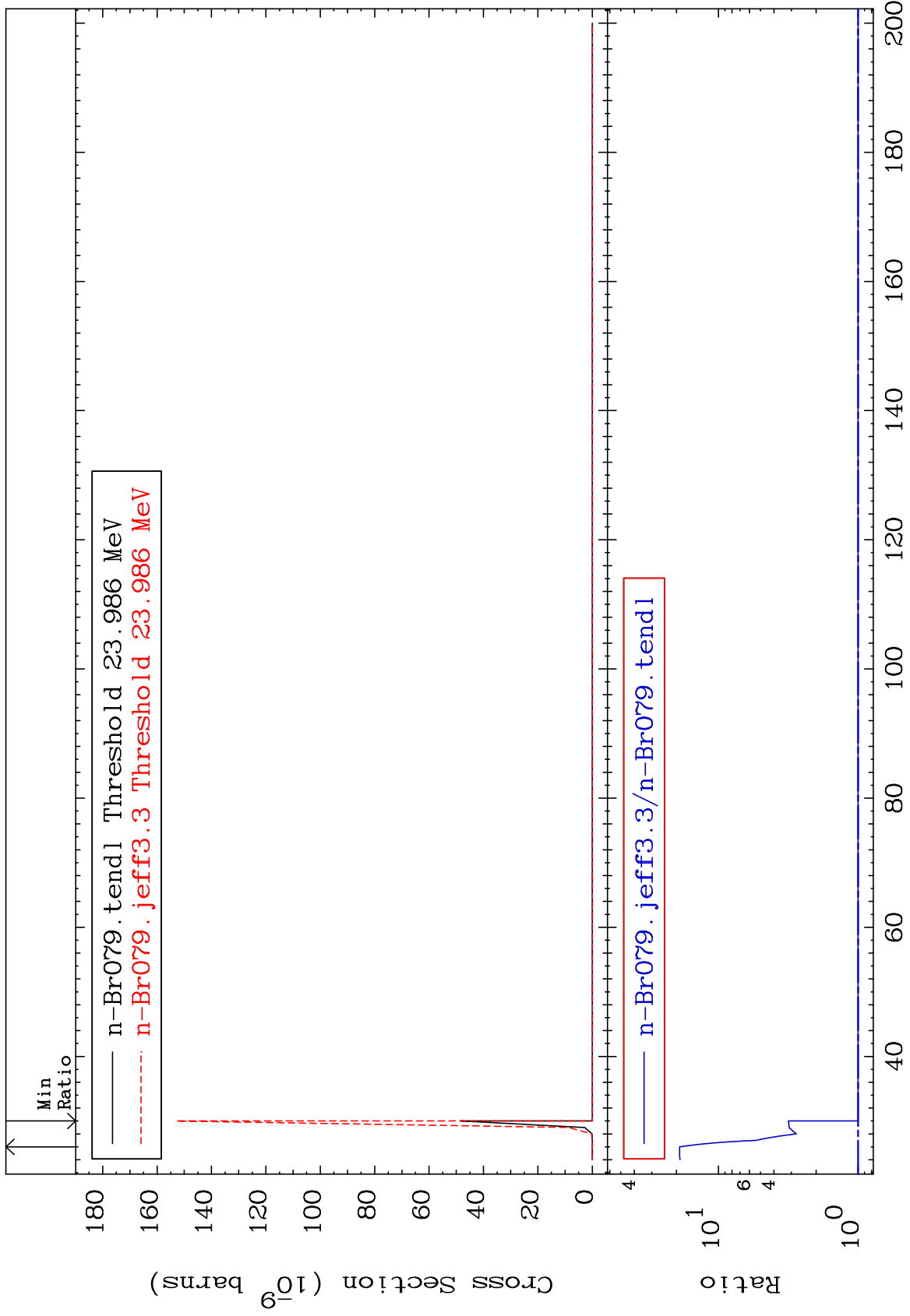




MAT 3525

(n,3n) α
Cross Section

35-Br-79
0.000 To 1796. %



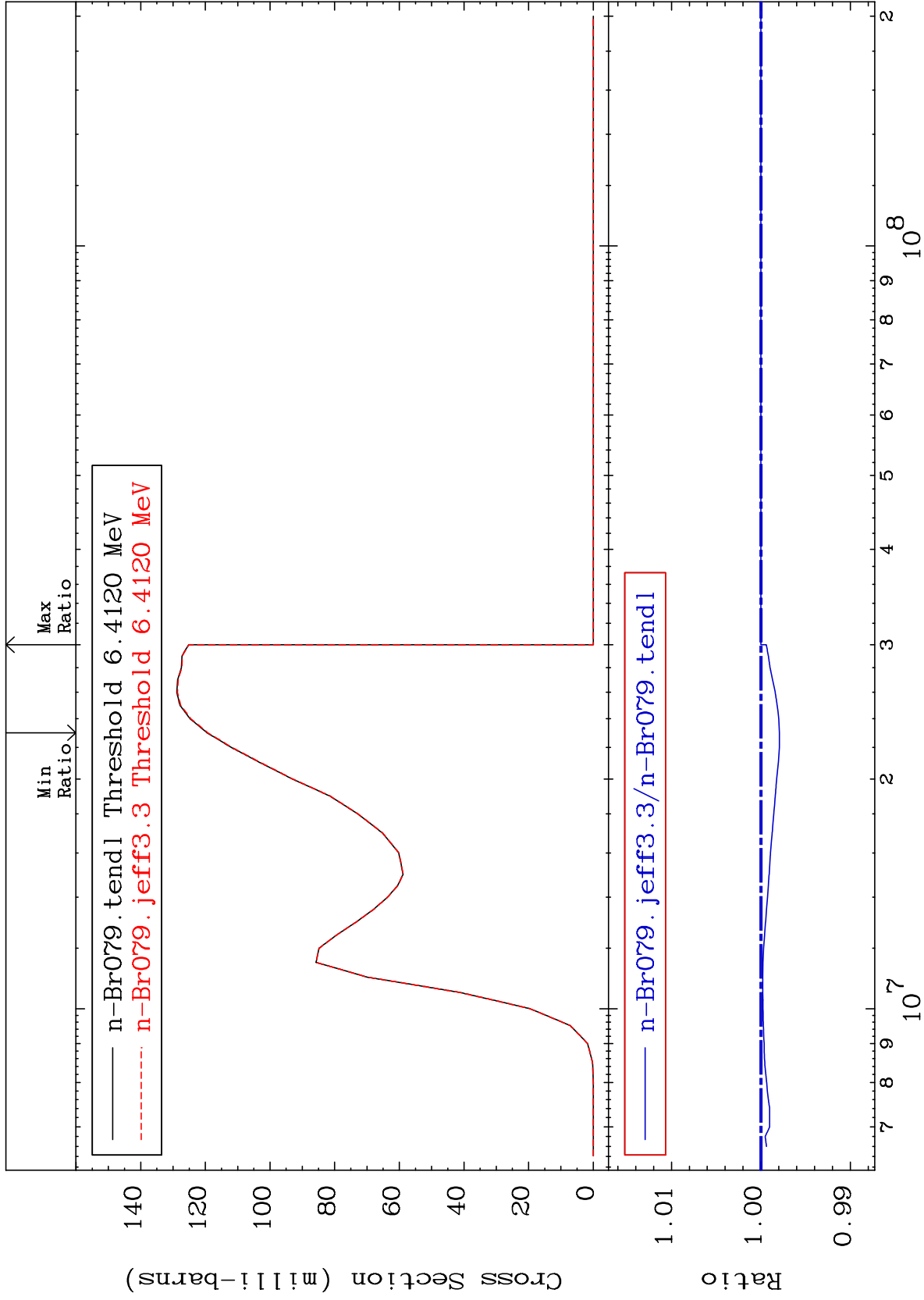
MAT 3525

(n, n') p

35-Br-79

Cross Section

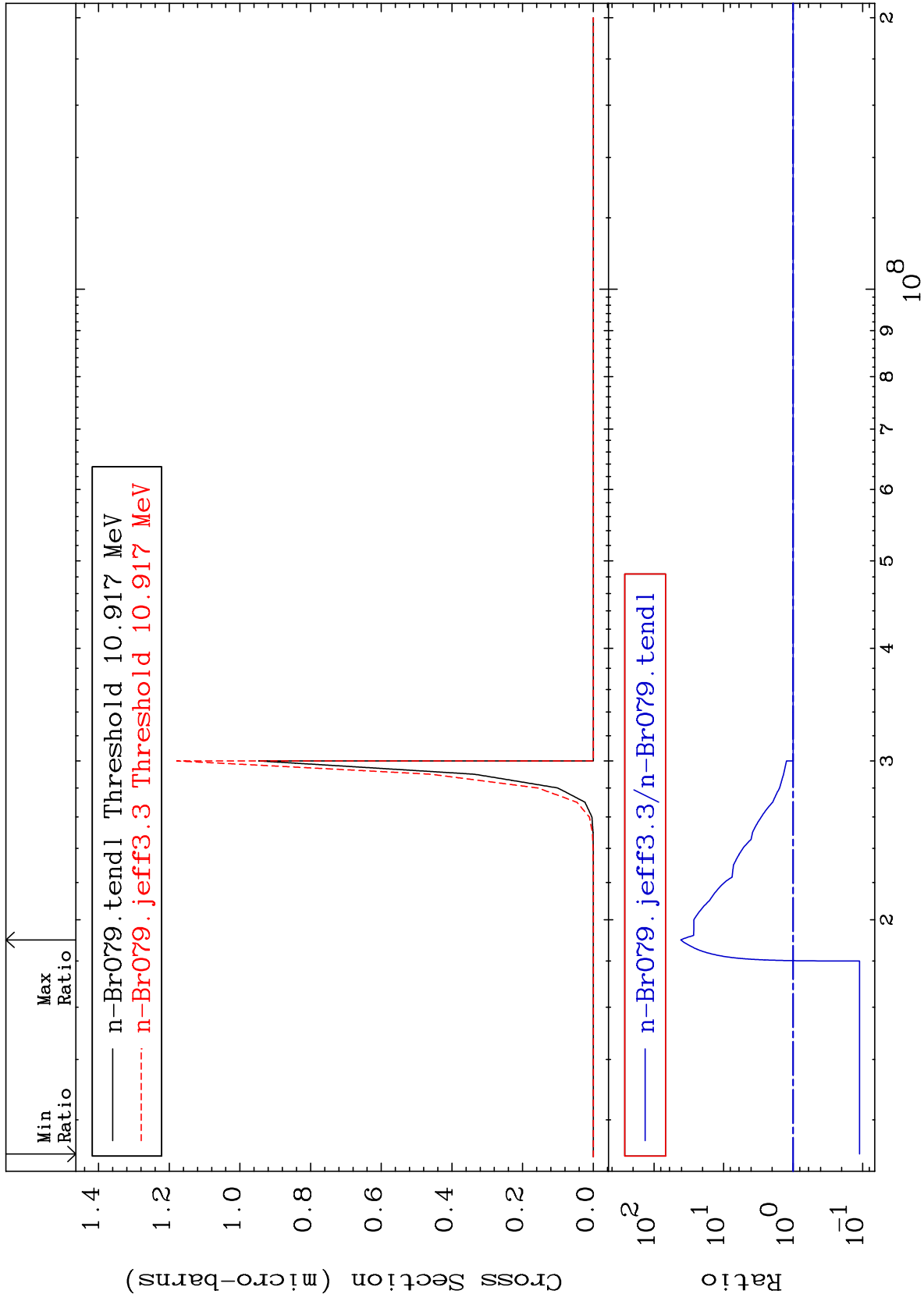
-0.206 To 0.000 %



10

Incident Energy (eV)

35-Br-79



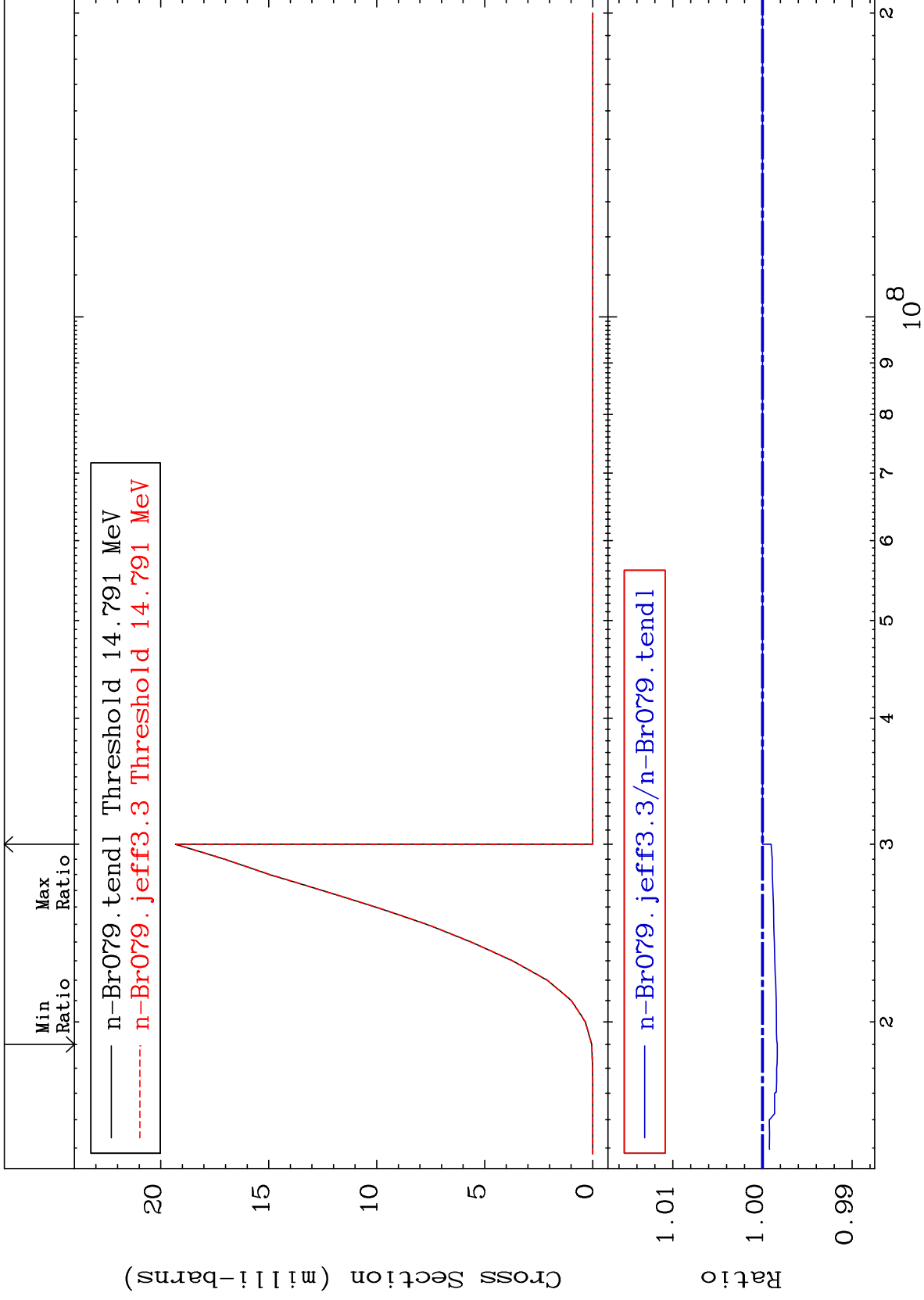
MAT 3525

(n, n') d

35-Br-79

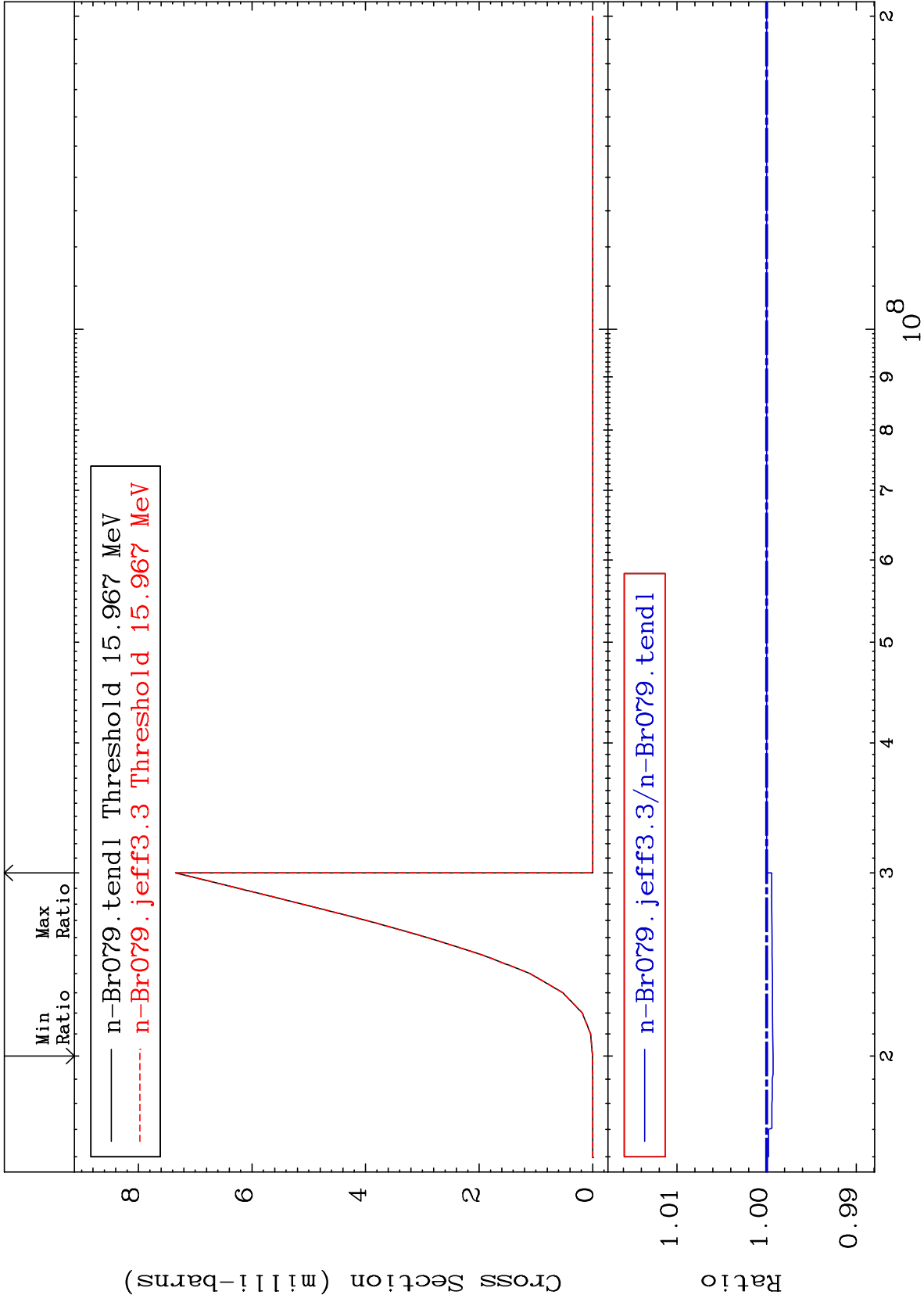
Cross Section

-0.166 To 0.000 %



Cross Section

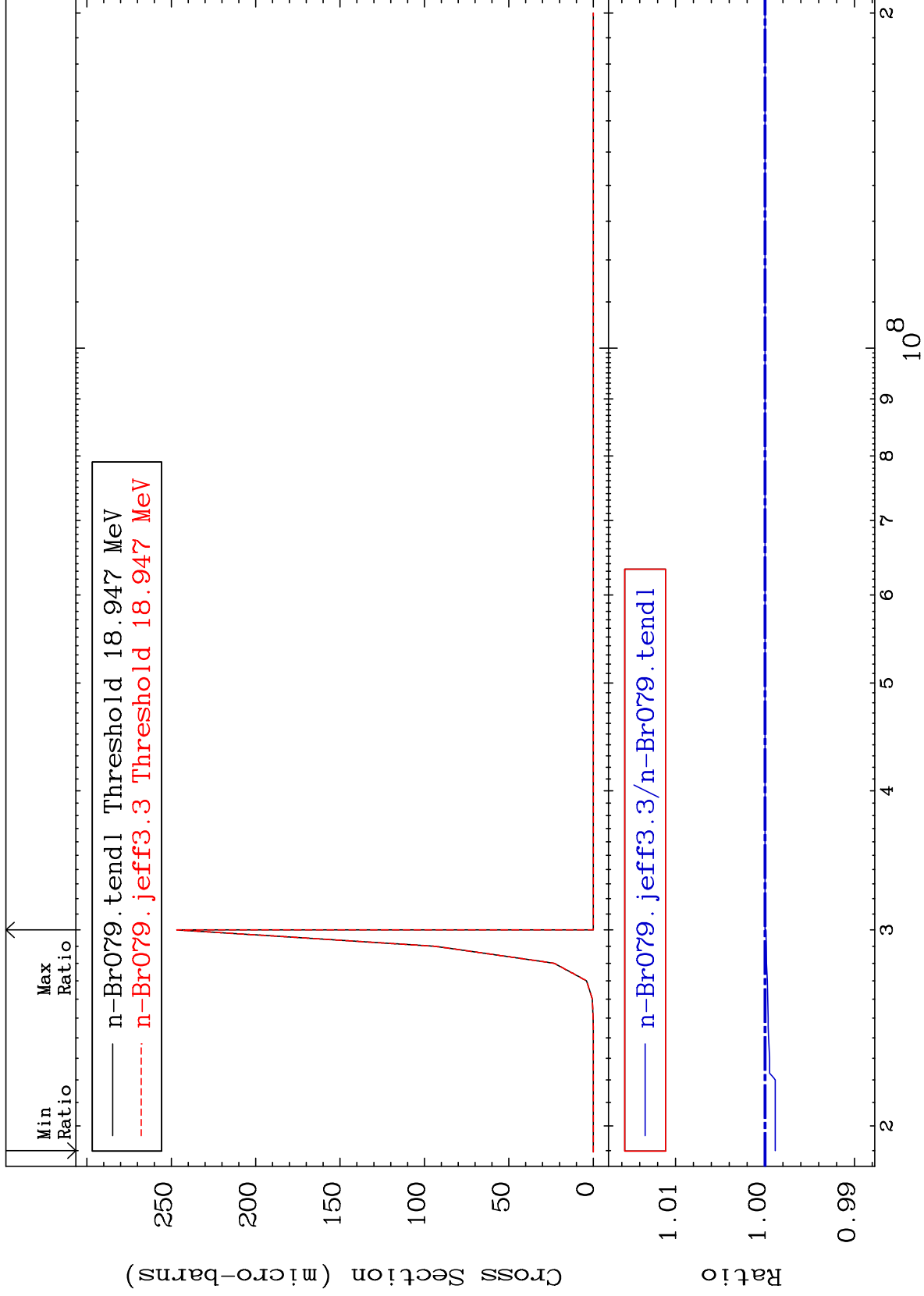
-0.073 To 0.000 %



MAT 3525

(n, n') He-3
Cross Section

35-Br-79
-0.115 To 0.000 %



14

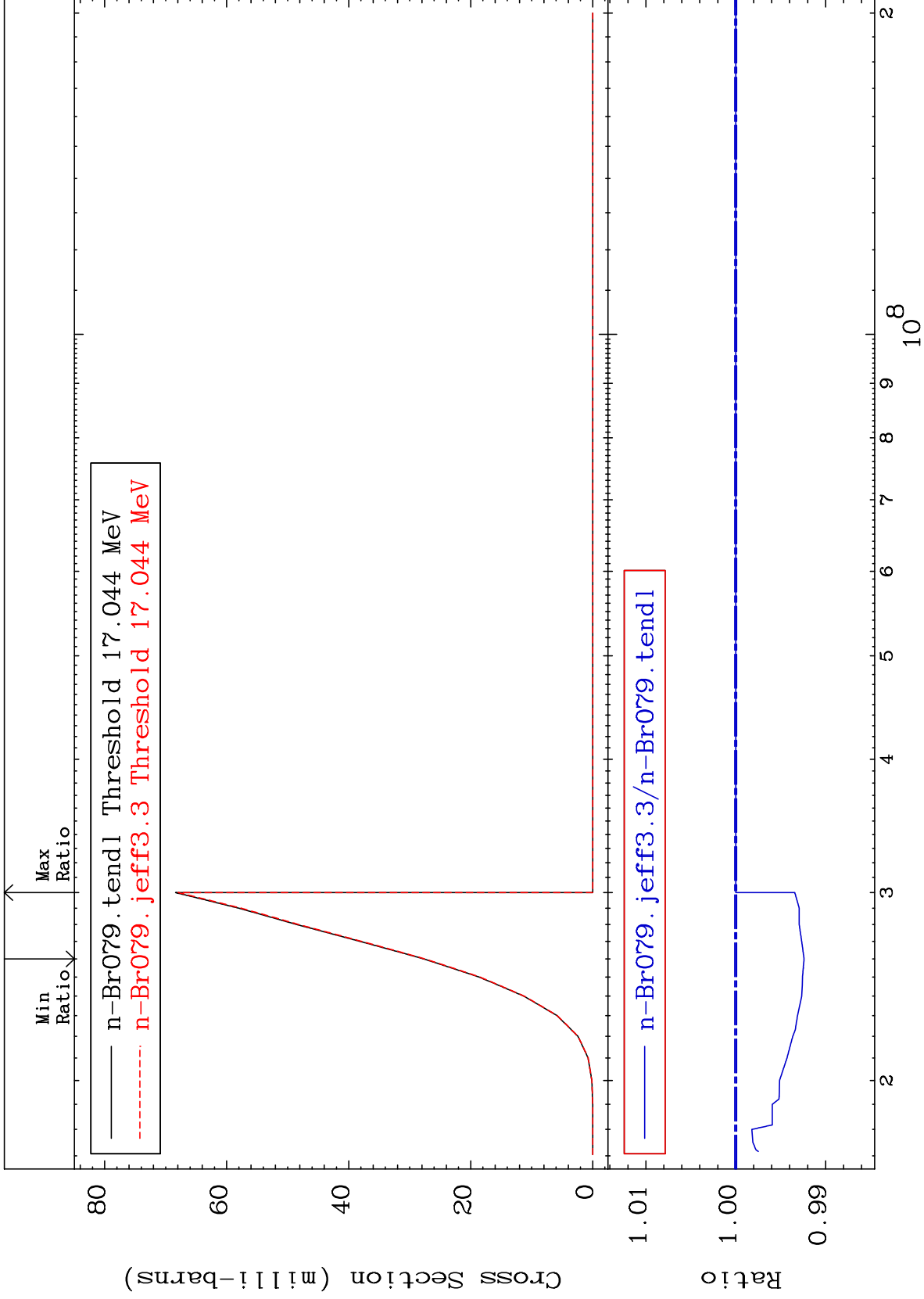
Incident Energy (eV)

35-Br-79

MAT 3525

(n,2n) p
Cross Section

³⁵Br-79
-0.760 To 0.000 %



15

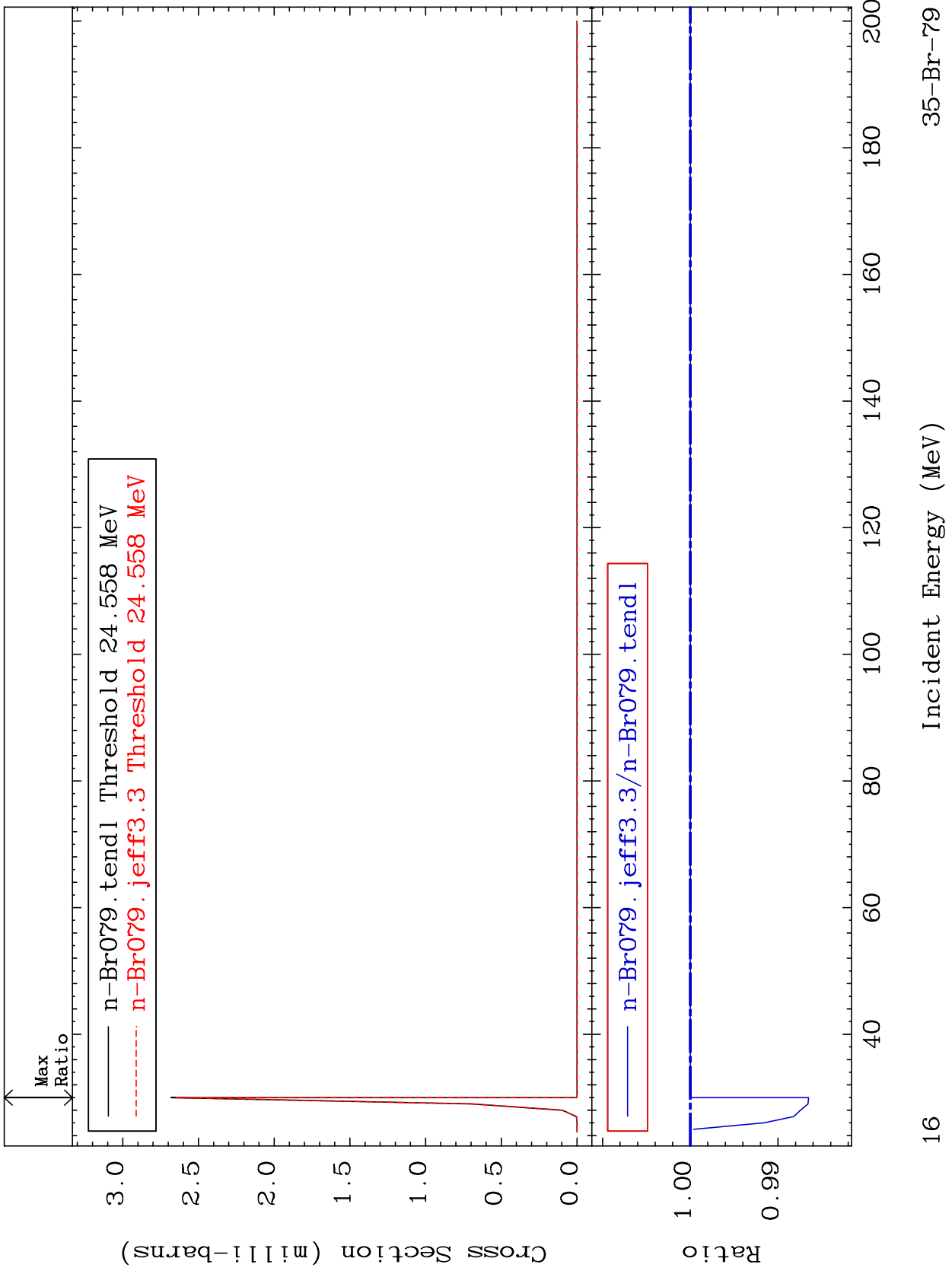
Incident Energy (eV)

³⁵Br-79

MAT 3525

(n,3n) p
Cross Section

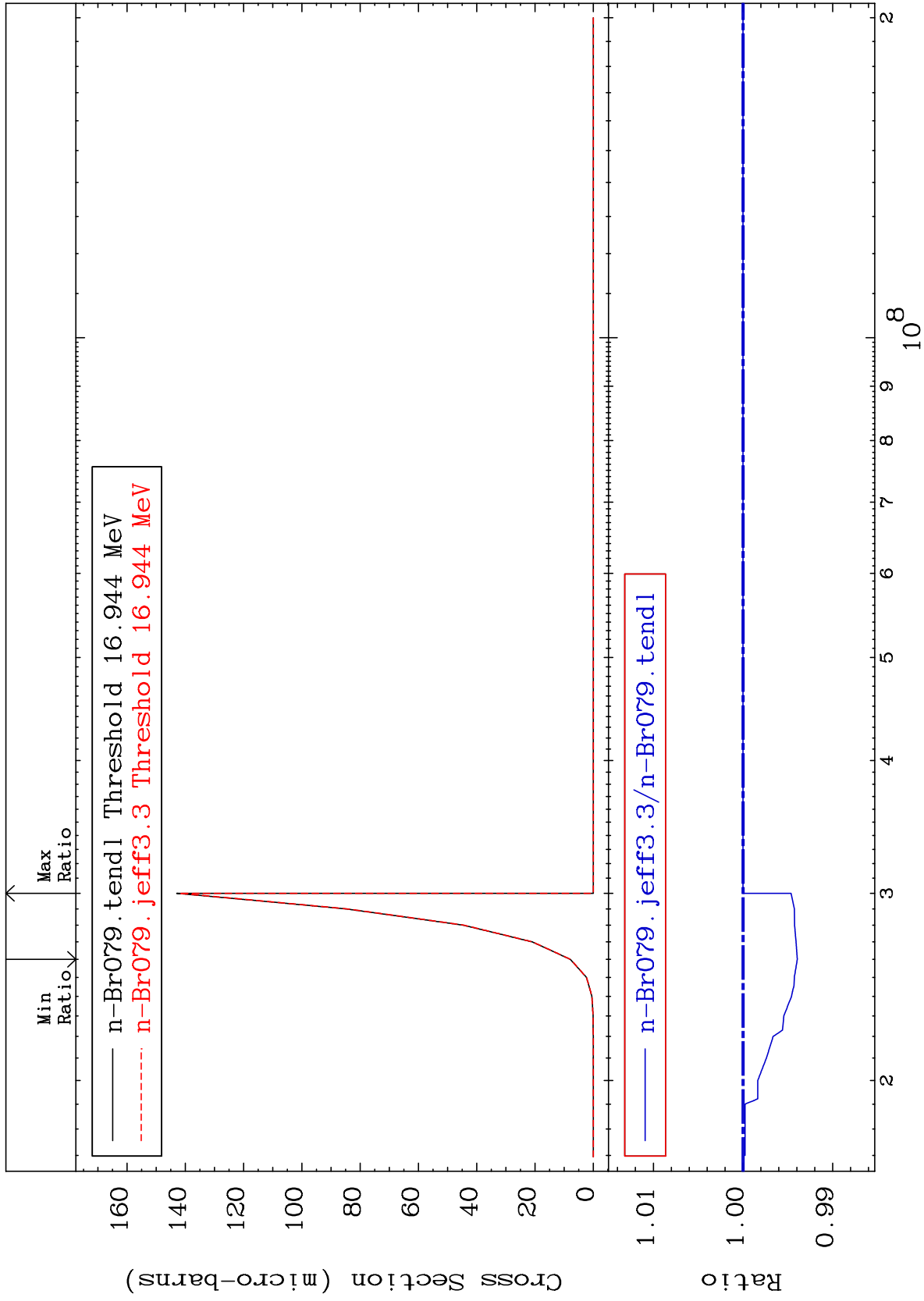
35-Br-79
-1.349 To 0.000 %



MAT 3525

(n,2n) p
Cross Section

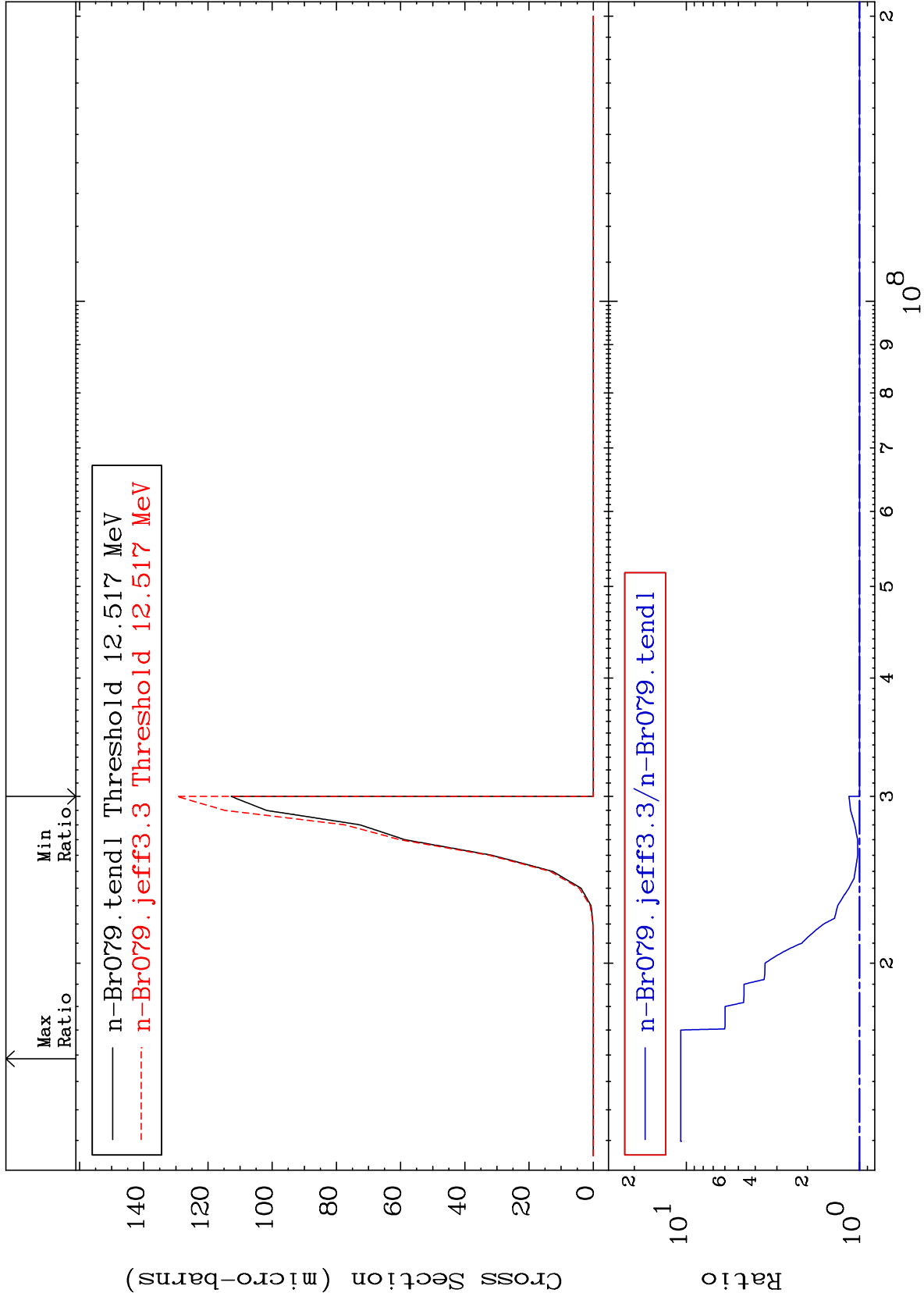
³⁵Br-79
-0.606 To 0.000 %



MAT 3525

(n,n') p α
Cross Section

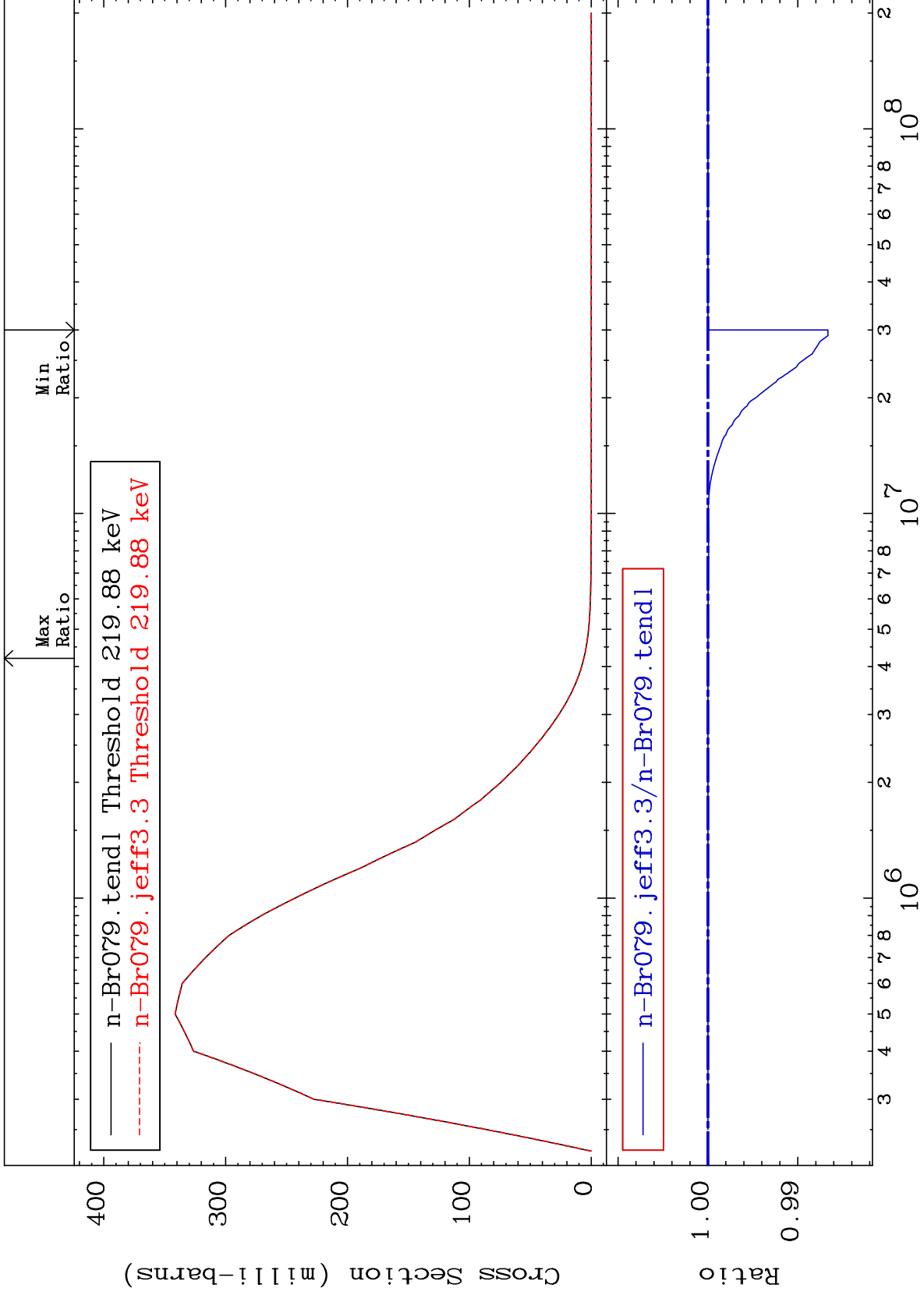
35-Br-79
0.000 To 977.1 %



MAT 3525

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

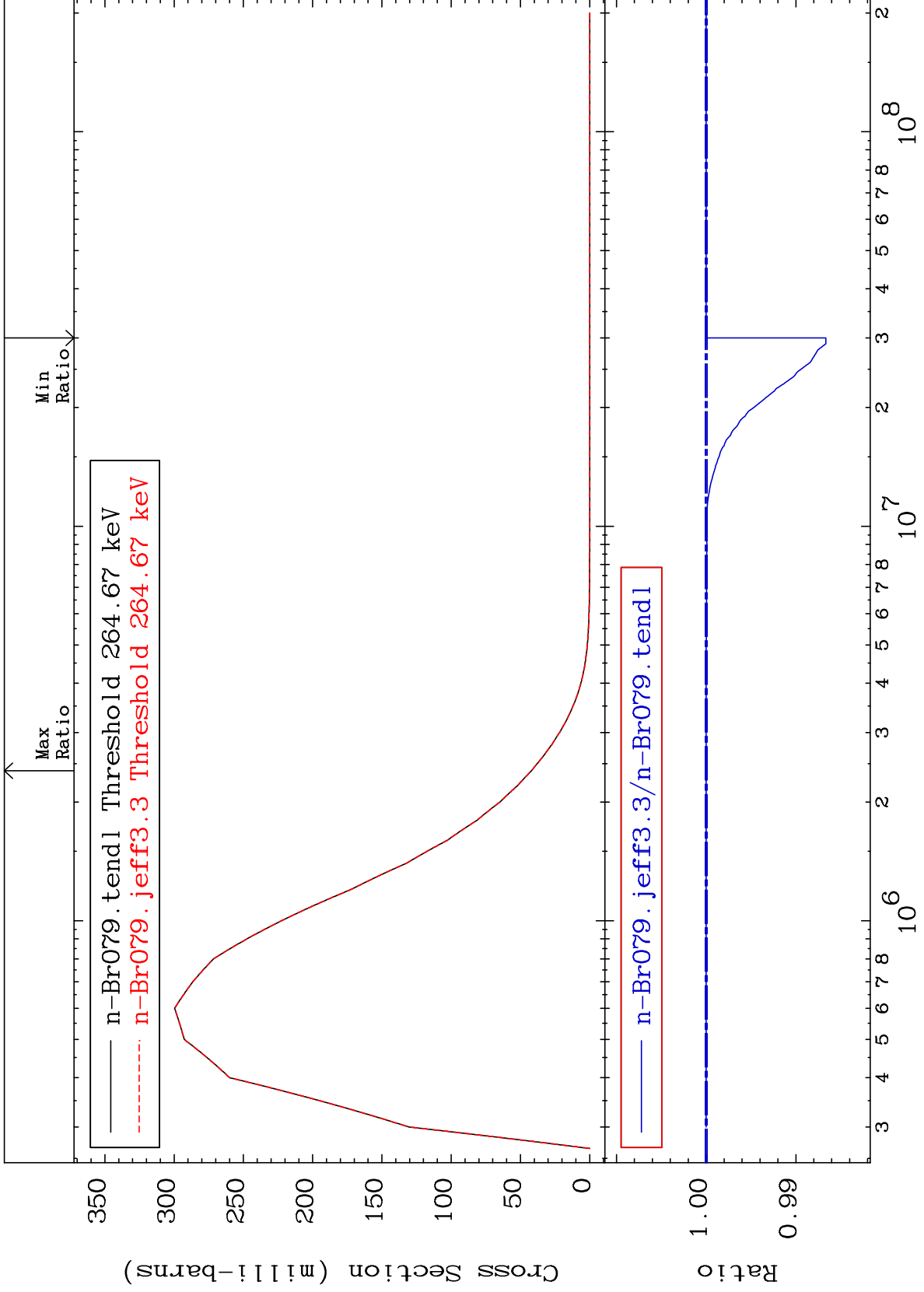
35-Br-79
-1.336 To 0.000 %



MAT 3525

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

35-Br-79
-1.334 To 0.000 %



20

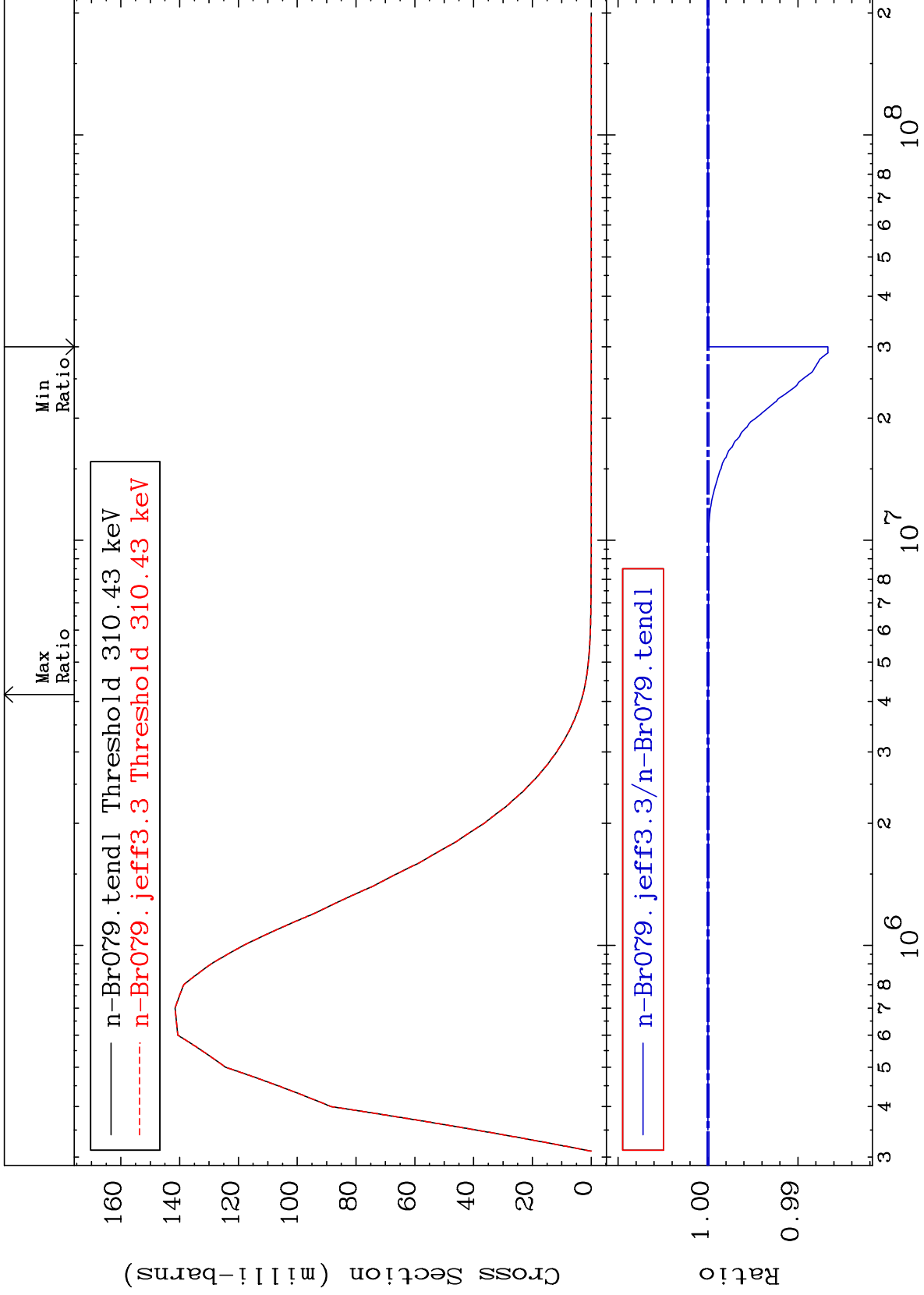
Incident Energy (eV)

35-Br-79

MAT 3525

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

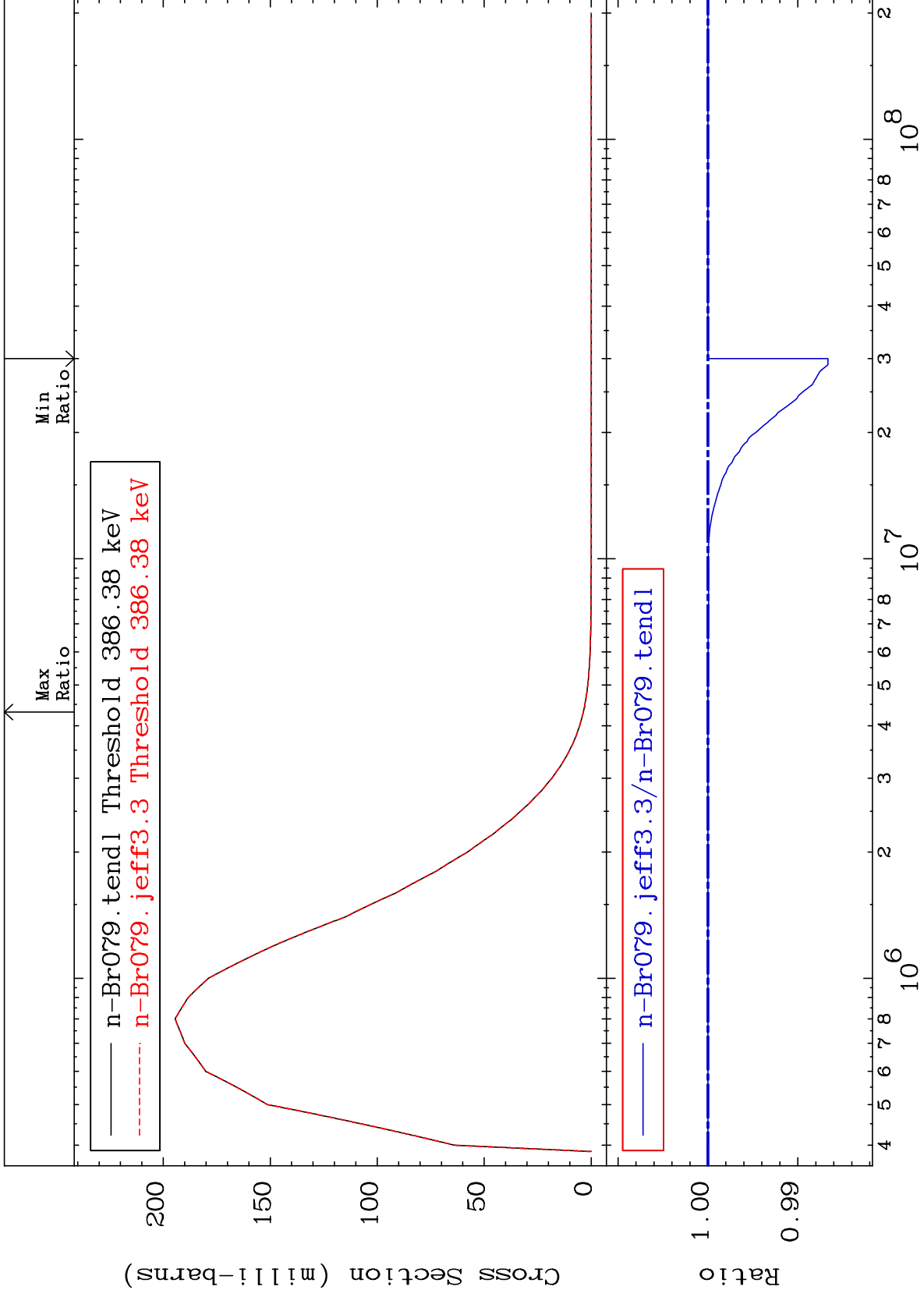
35-Br-79
-1.333 To 0.000 %



MAT 3525

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

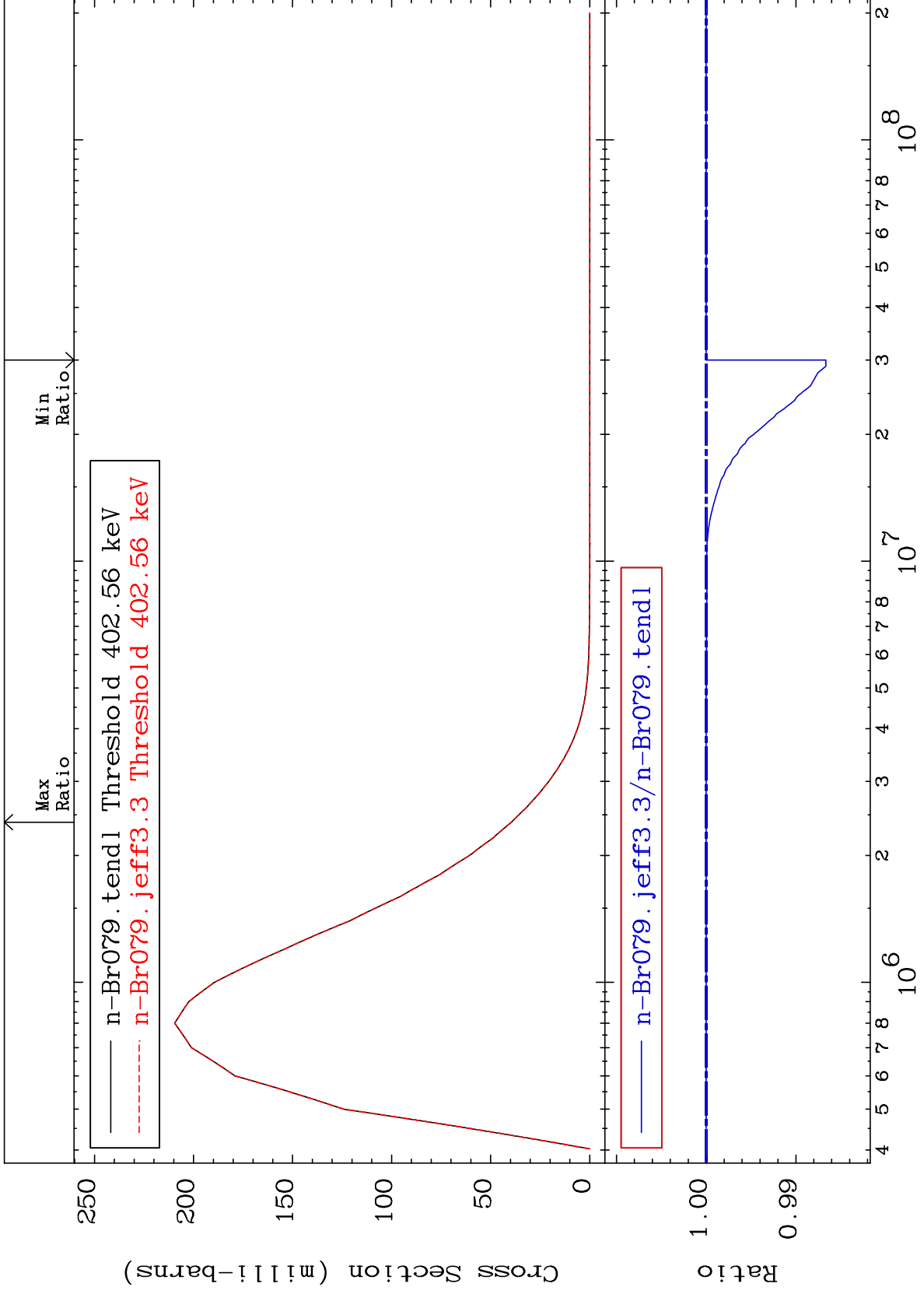
35-Br-79
-1.335 To 0.000 %



MAT 3525

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

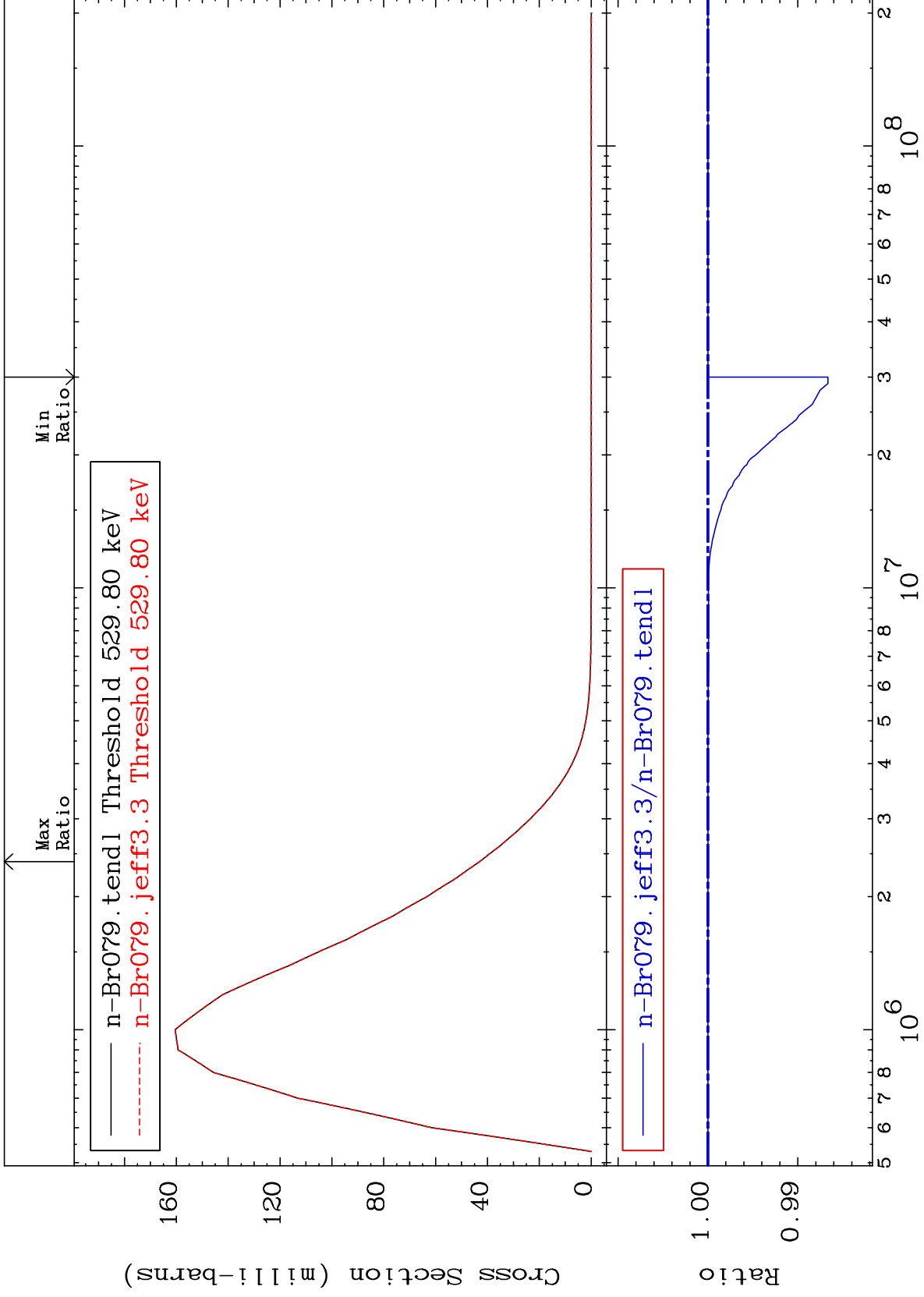
35-Br-79
-1.334 To 0.000 %



MAT 3525

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

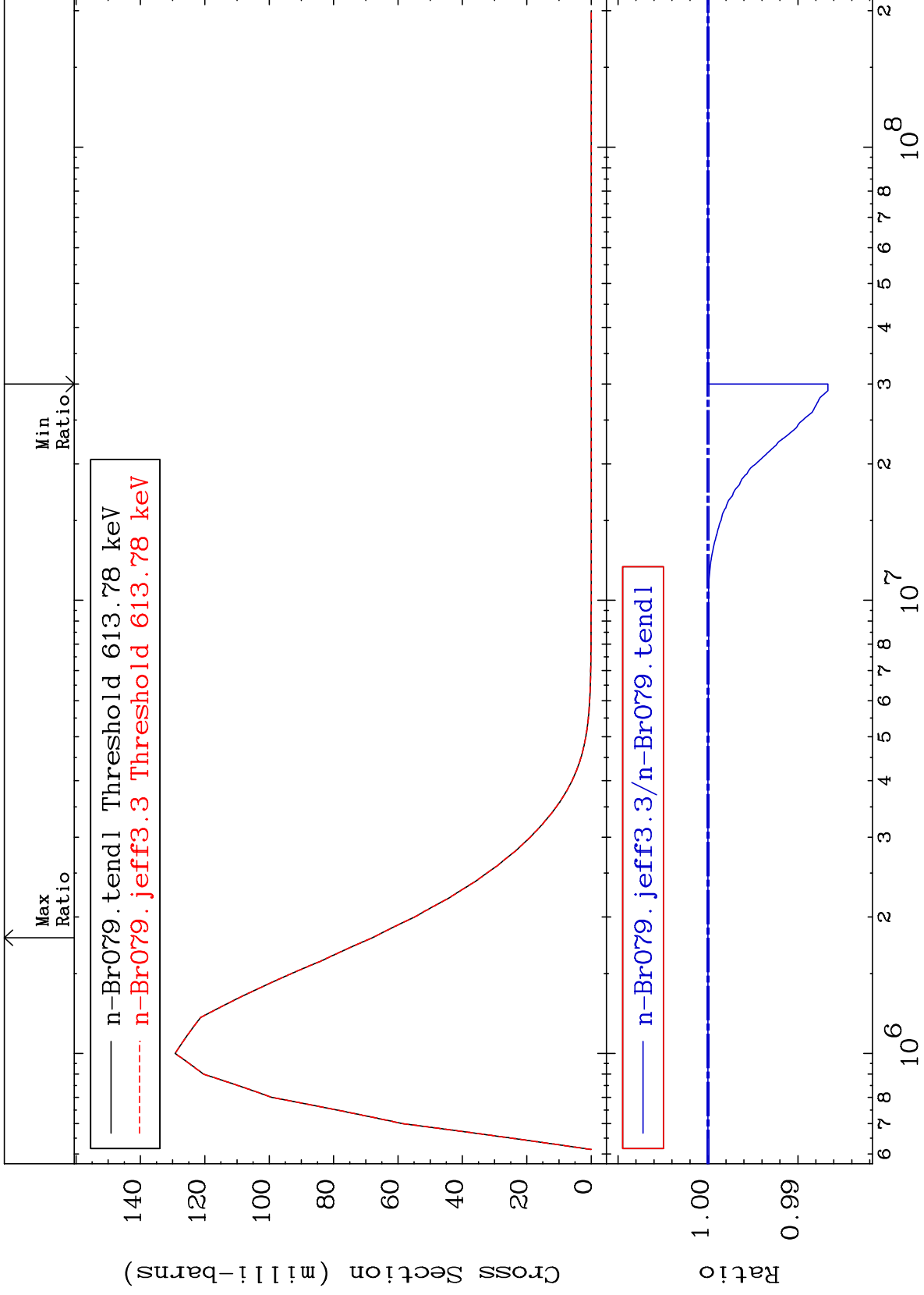
35-Br-79
-1.336 To 0.000 %



MAT 3525

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

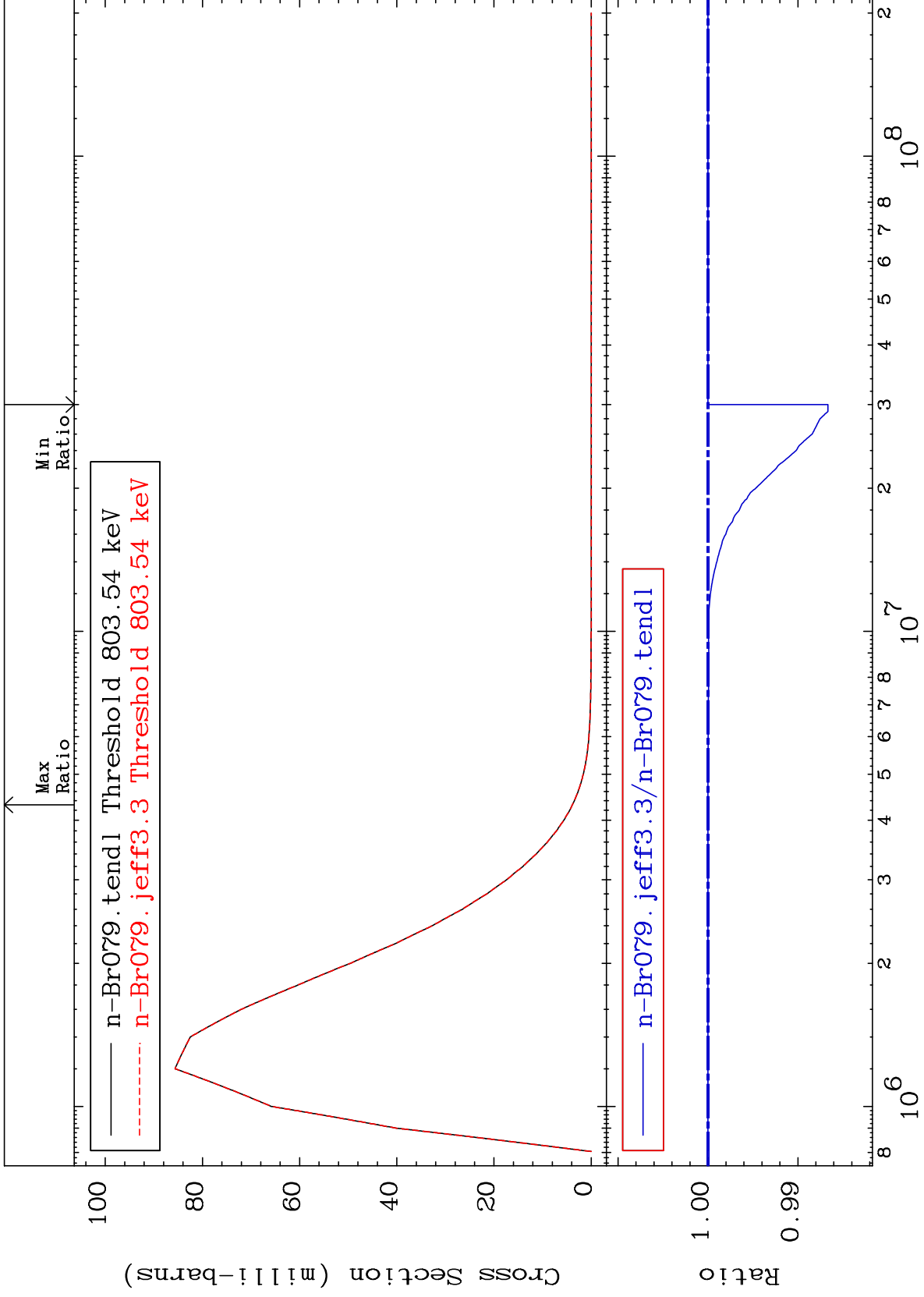
35-Br-79
-1.334 To 0.000 %



MAT 3525

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

35-Br-79
-1.334 To 0.000 %



26

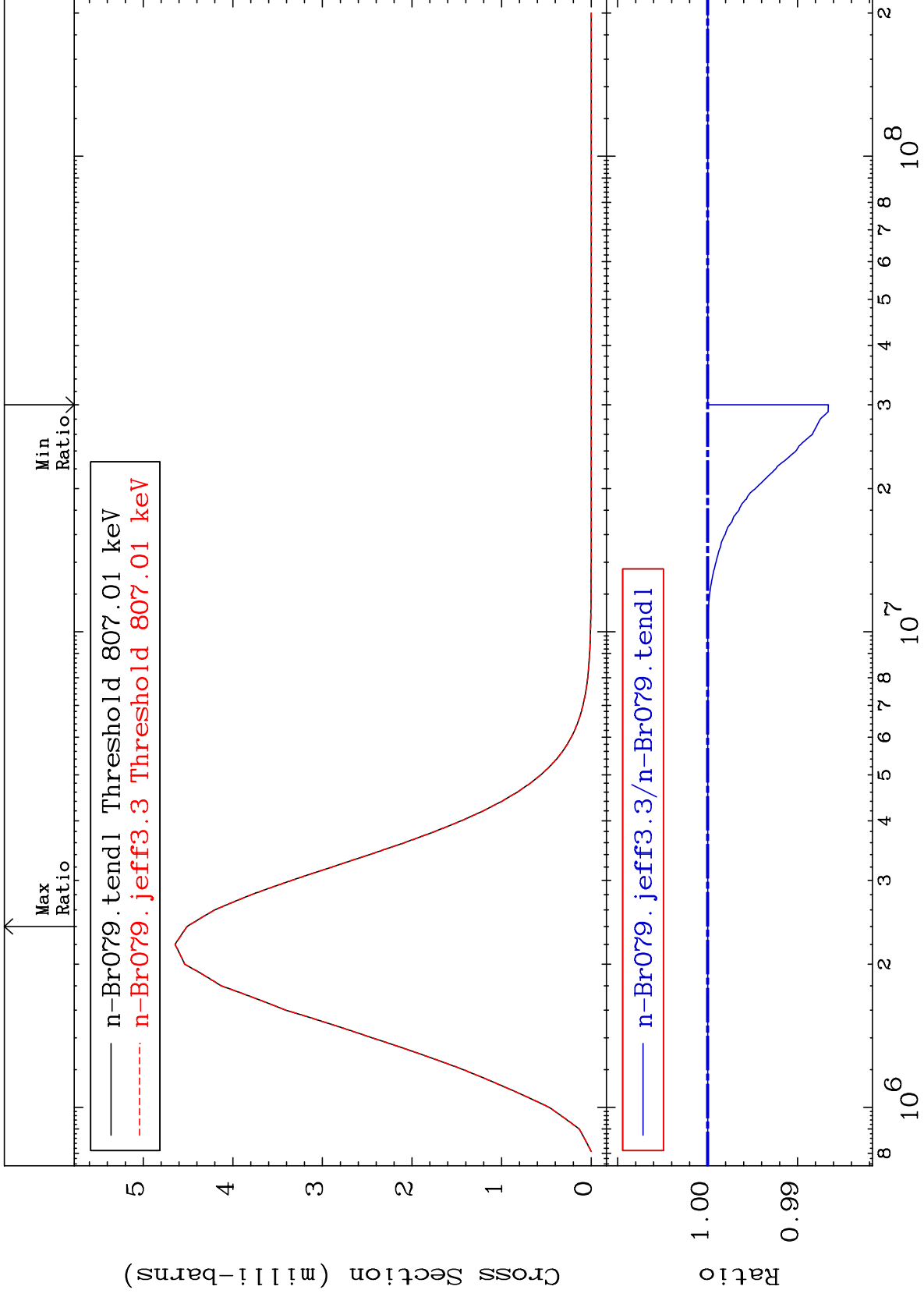
Incident Energy (eV)

35-Br-79

MAT 3525

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

35-Br-79
-1.342 To 0.000 %



27

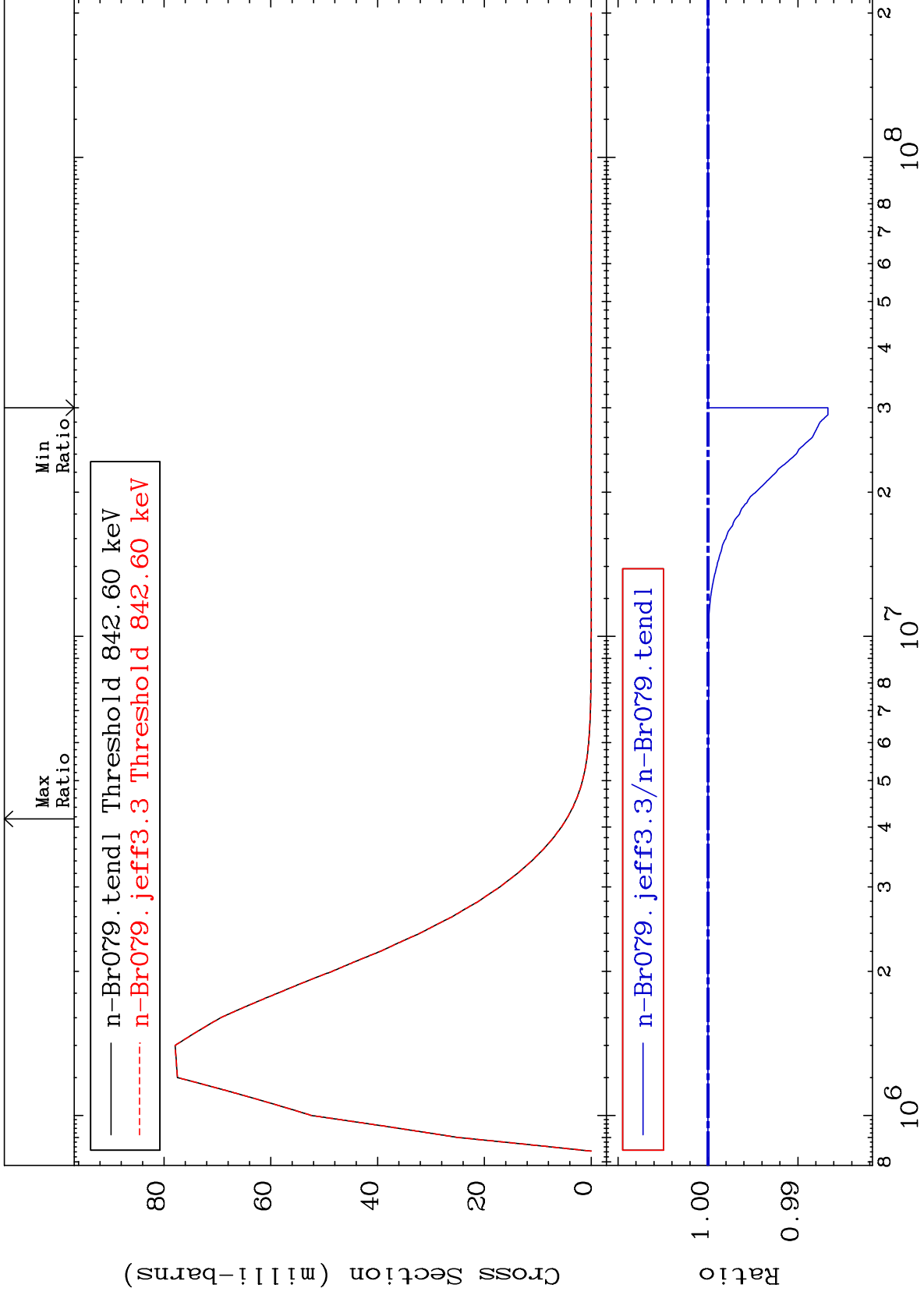
Incident Energy (eV)

35-Br-79

MAT 3525

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

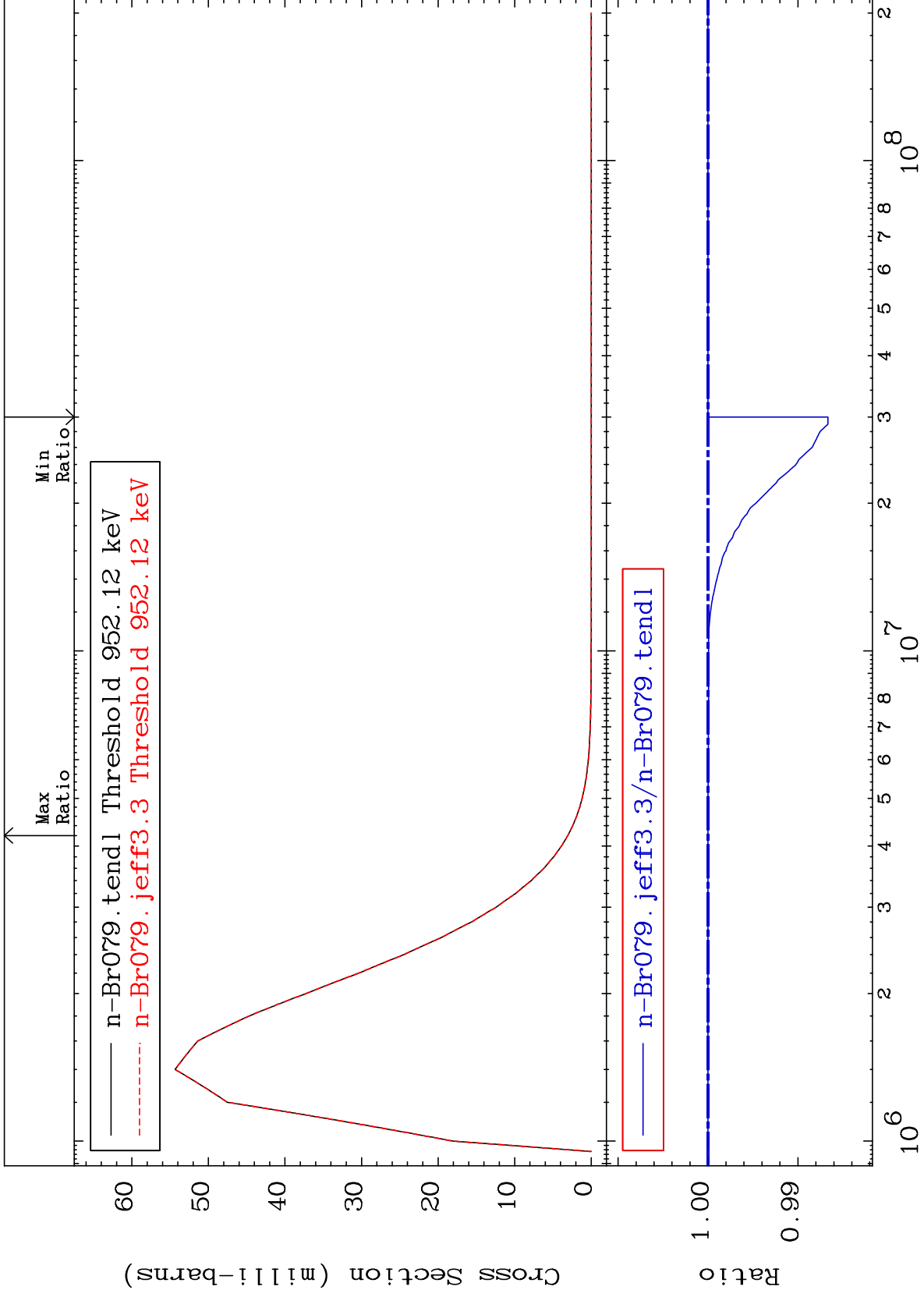
35-Br-79
-1.334 To 0.000 %



MAT 3525

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

35-Br-79
-1.334 To 0.000 %



29

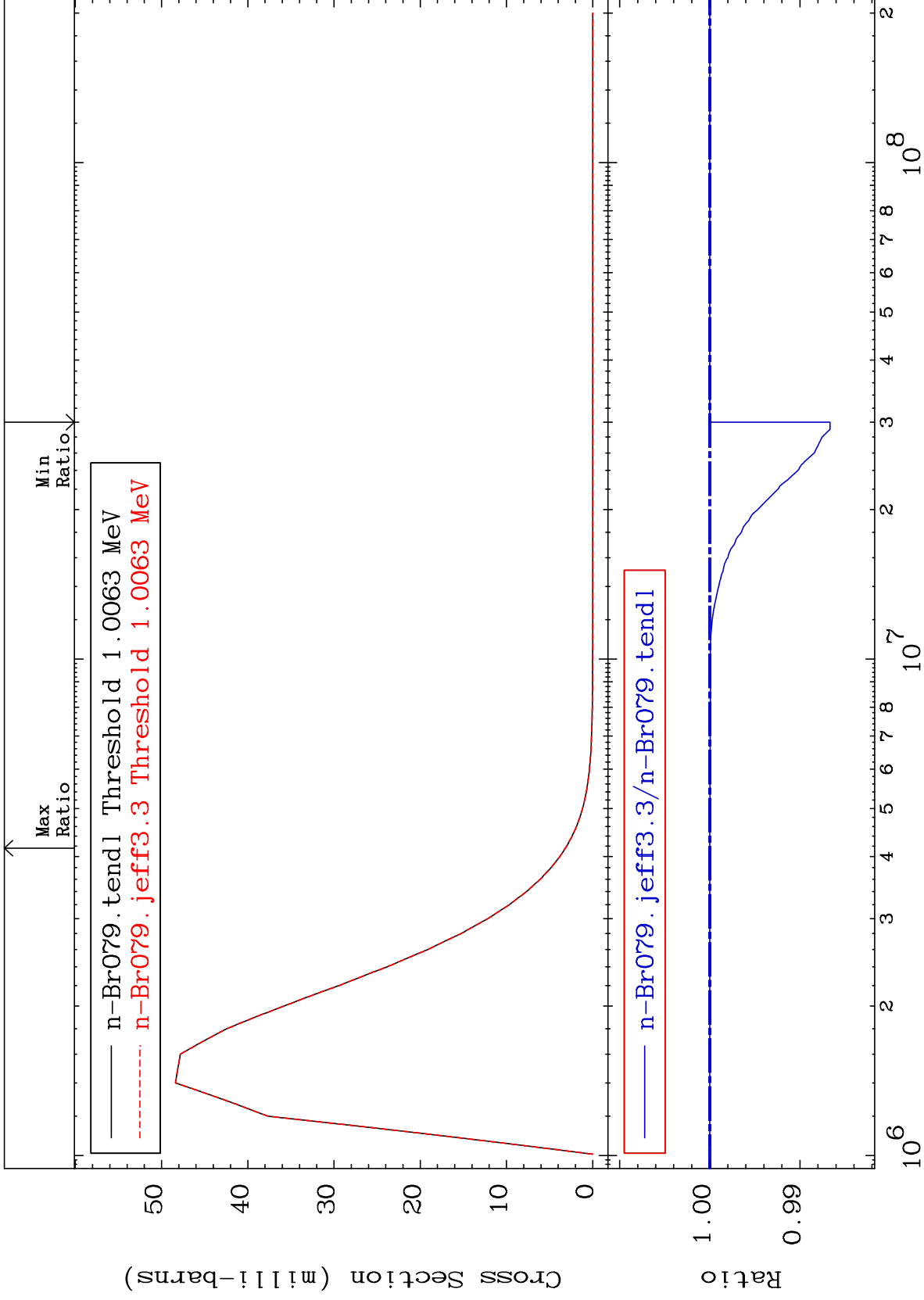
Incident Energy (eV)

35-Br-79

MAT 3525

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

35-Br-79
-1.334 To 0.000 %



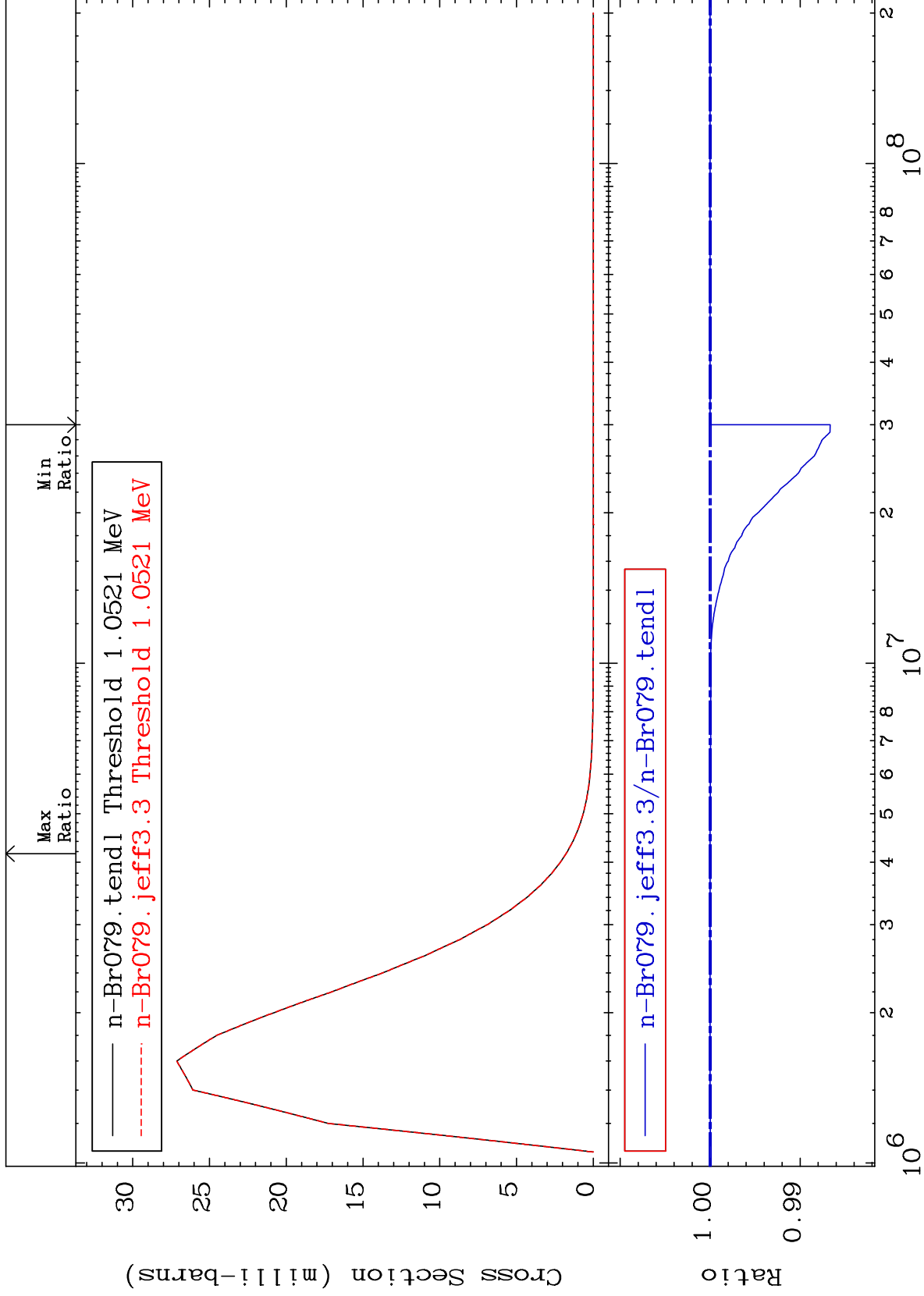
Incident Energy (eV)

35-Br-79

MAT 3525

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

35-Br-79
-1.334 To 0.000 %



31

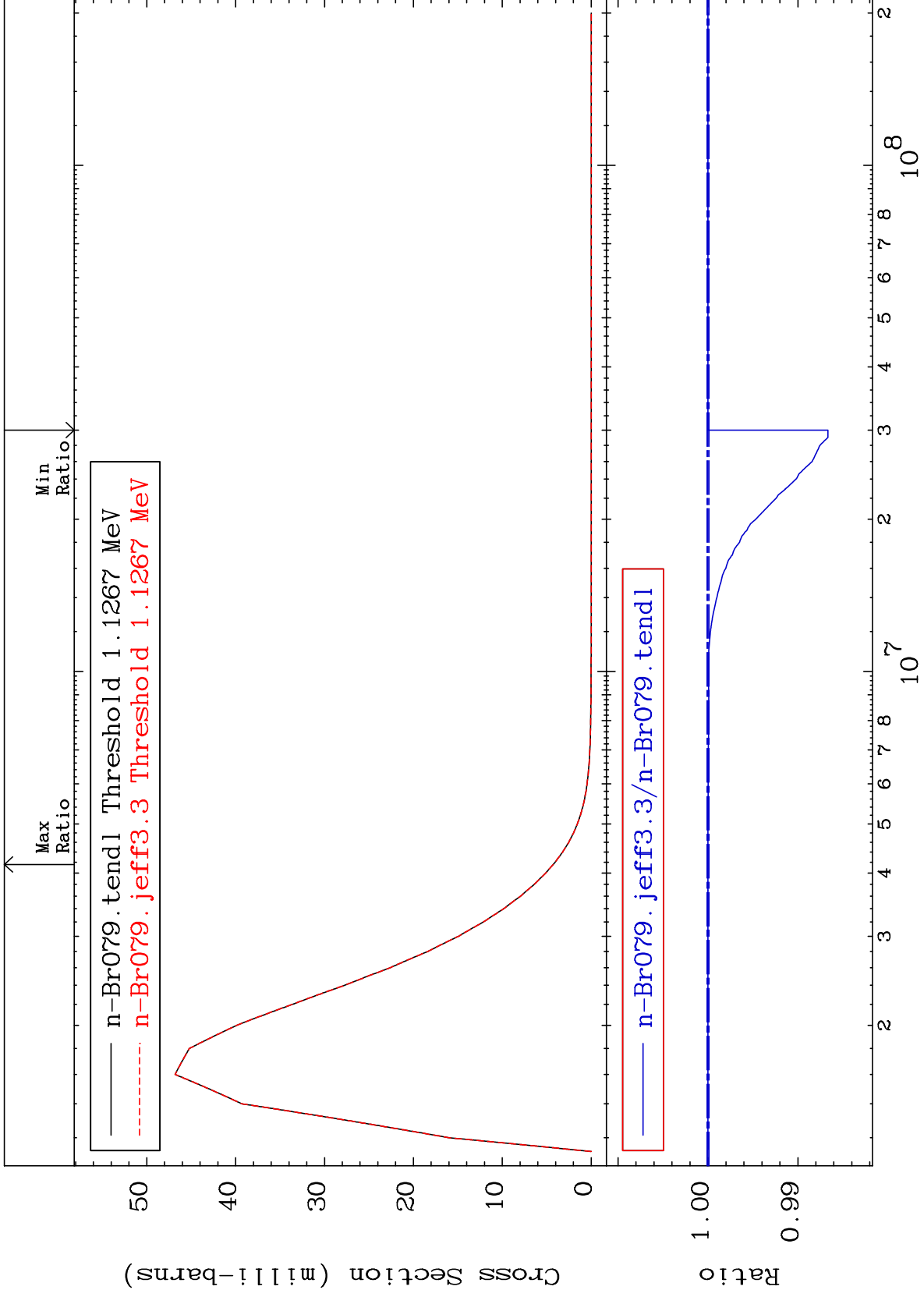
Incident Energy (eV)

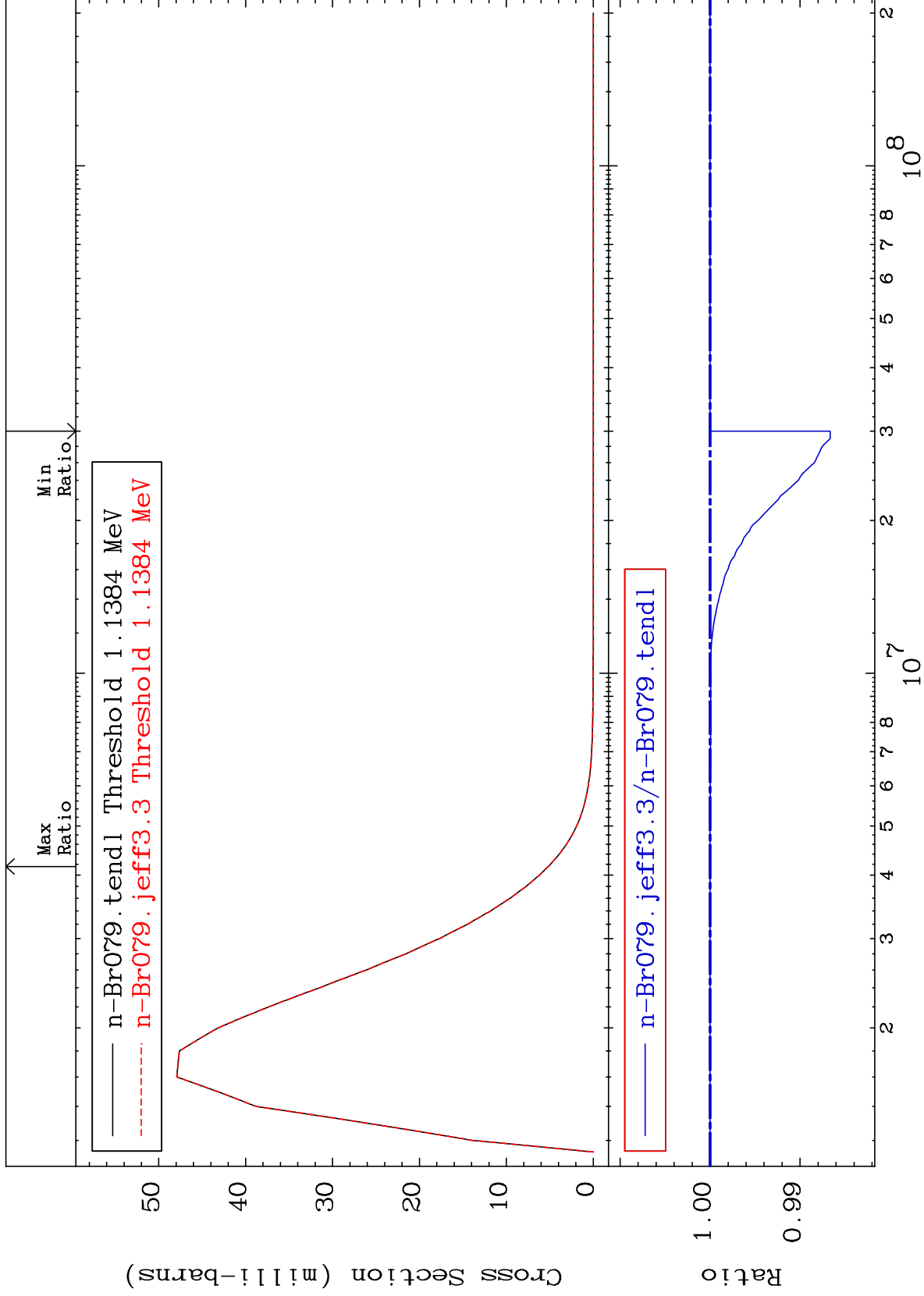
35-Br-79

MAT 3525

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

35-Br-79
-1.334 To 0.000 %

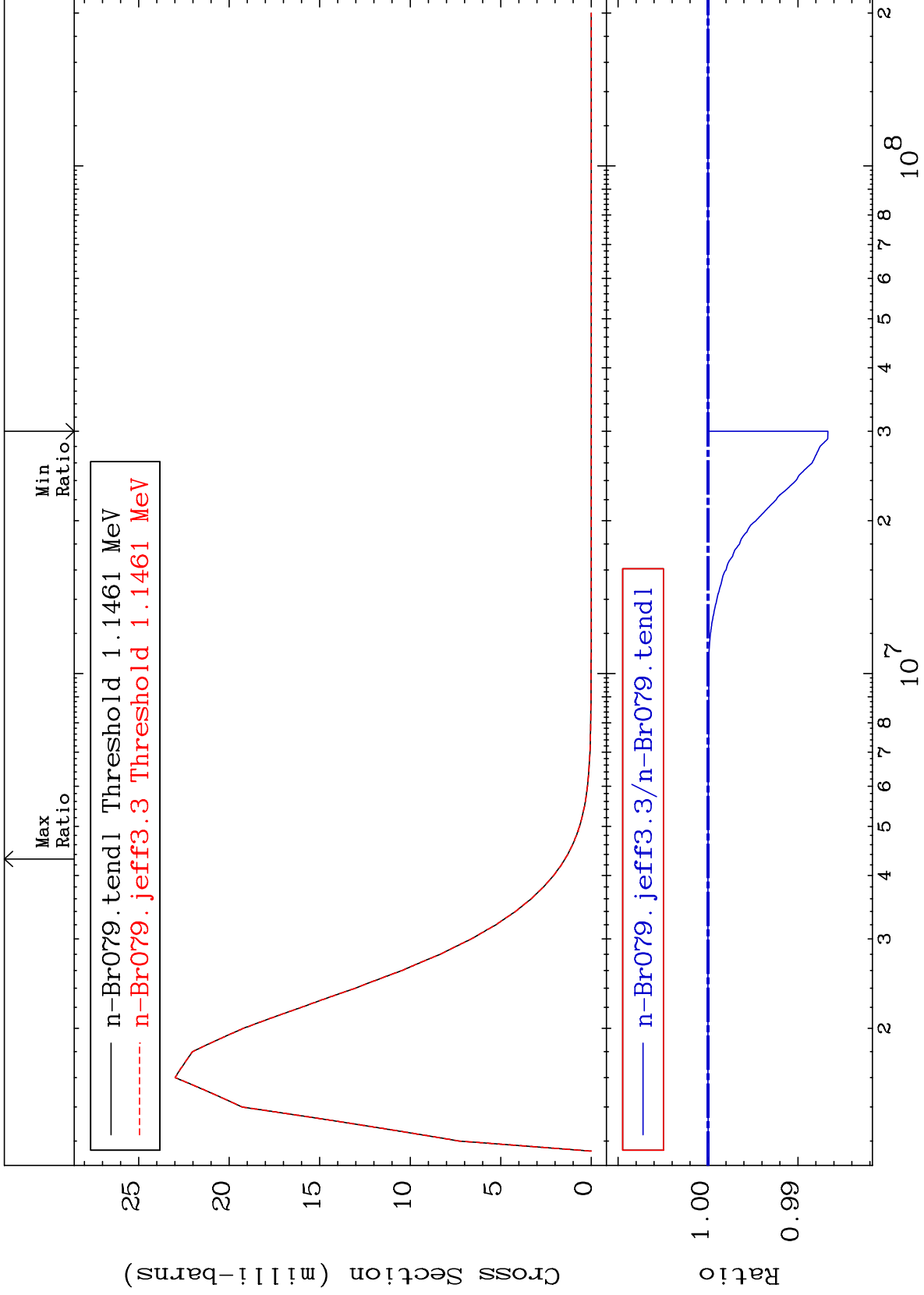




MAT 3525

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

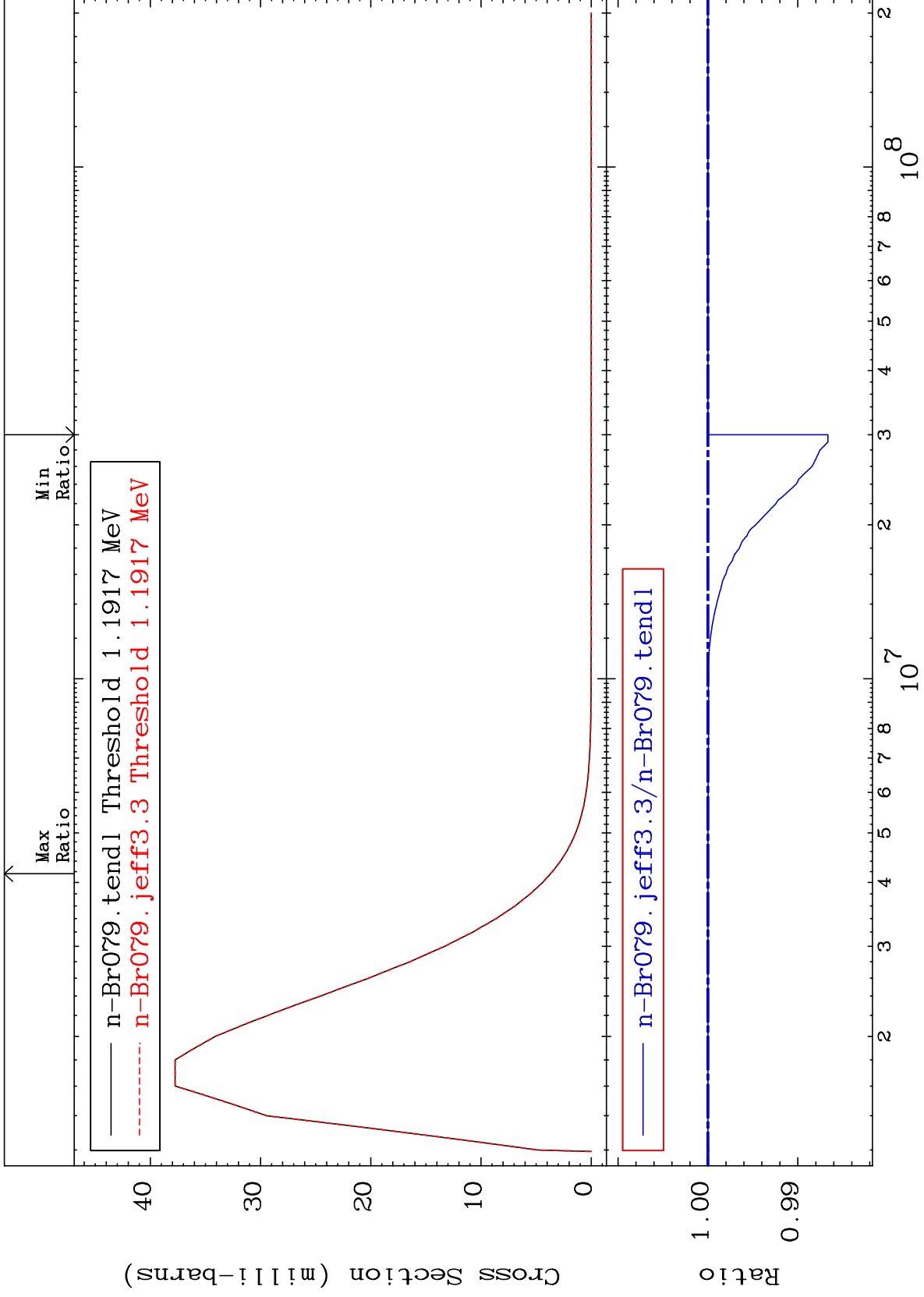
35-Br-79
-1.333 To 0.000 %



MAT 3525

MT= 74 (n,n') Level
Cross Section

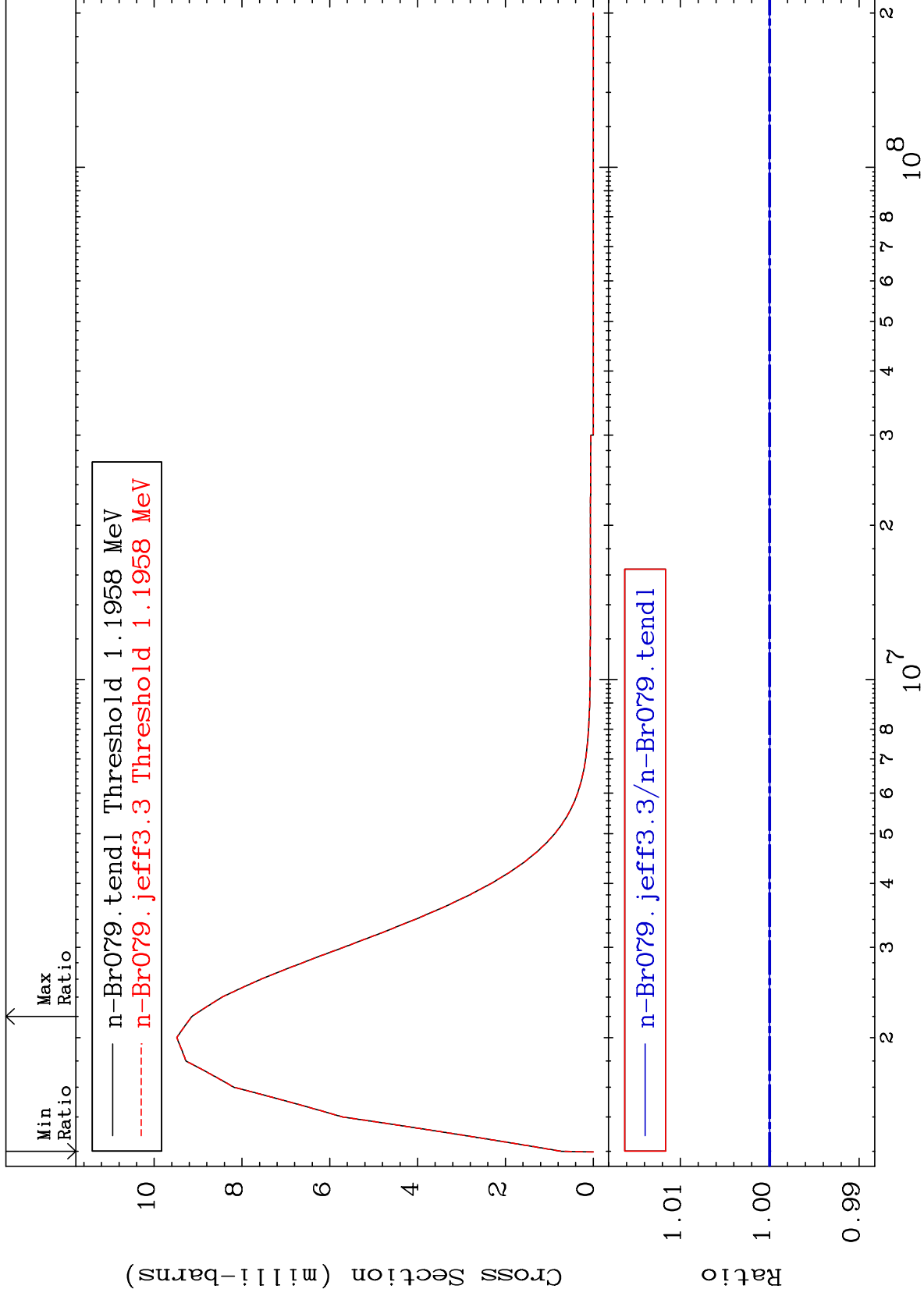
35-Br-79
-1.335 To 0.000 %



35

Incident Energy (eV)

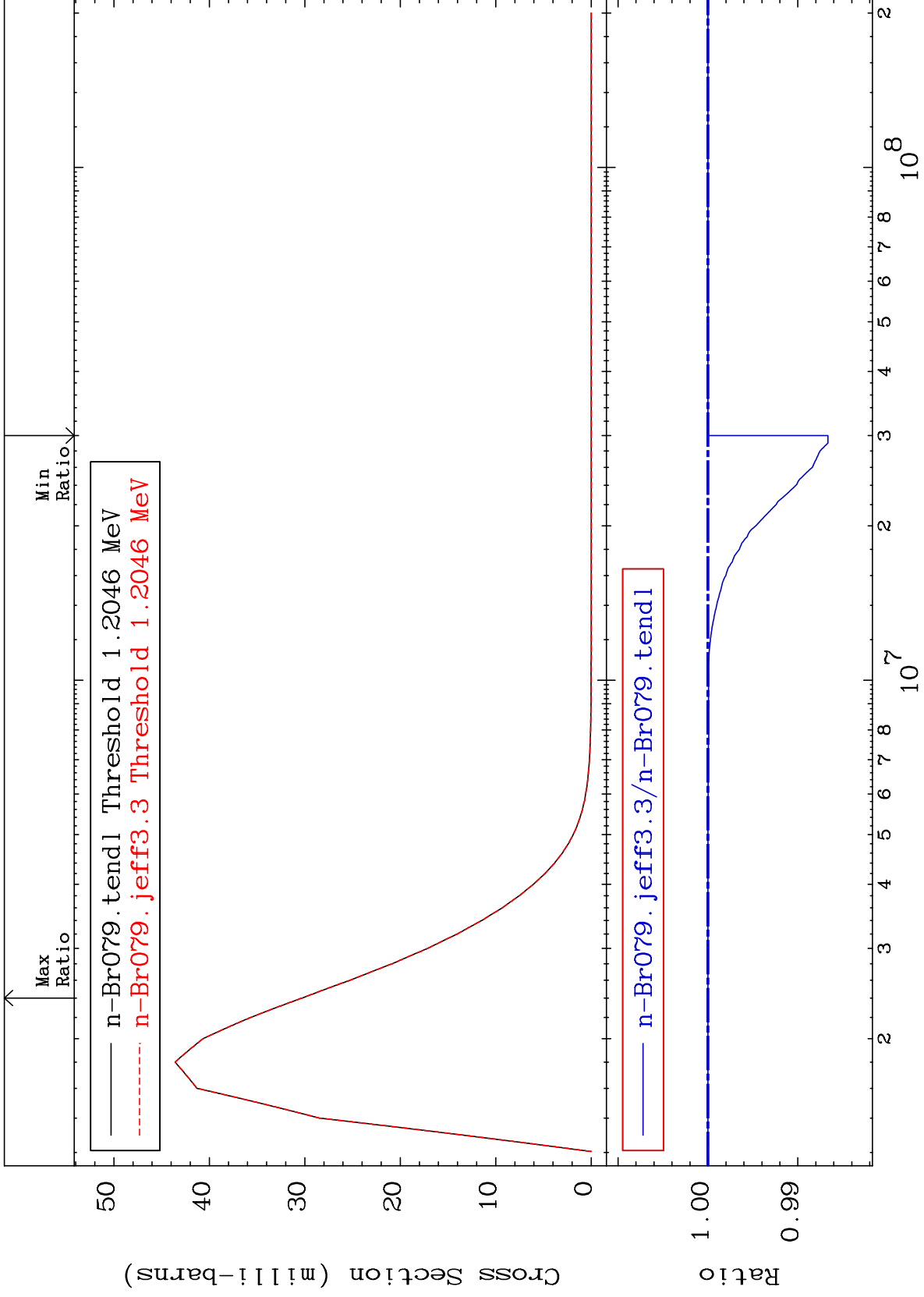
35-Br-79

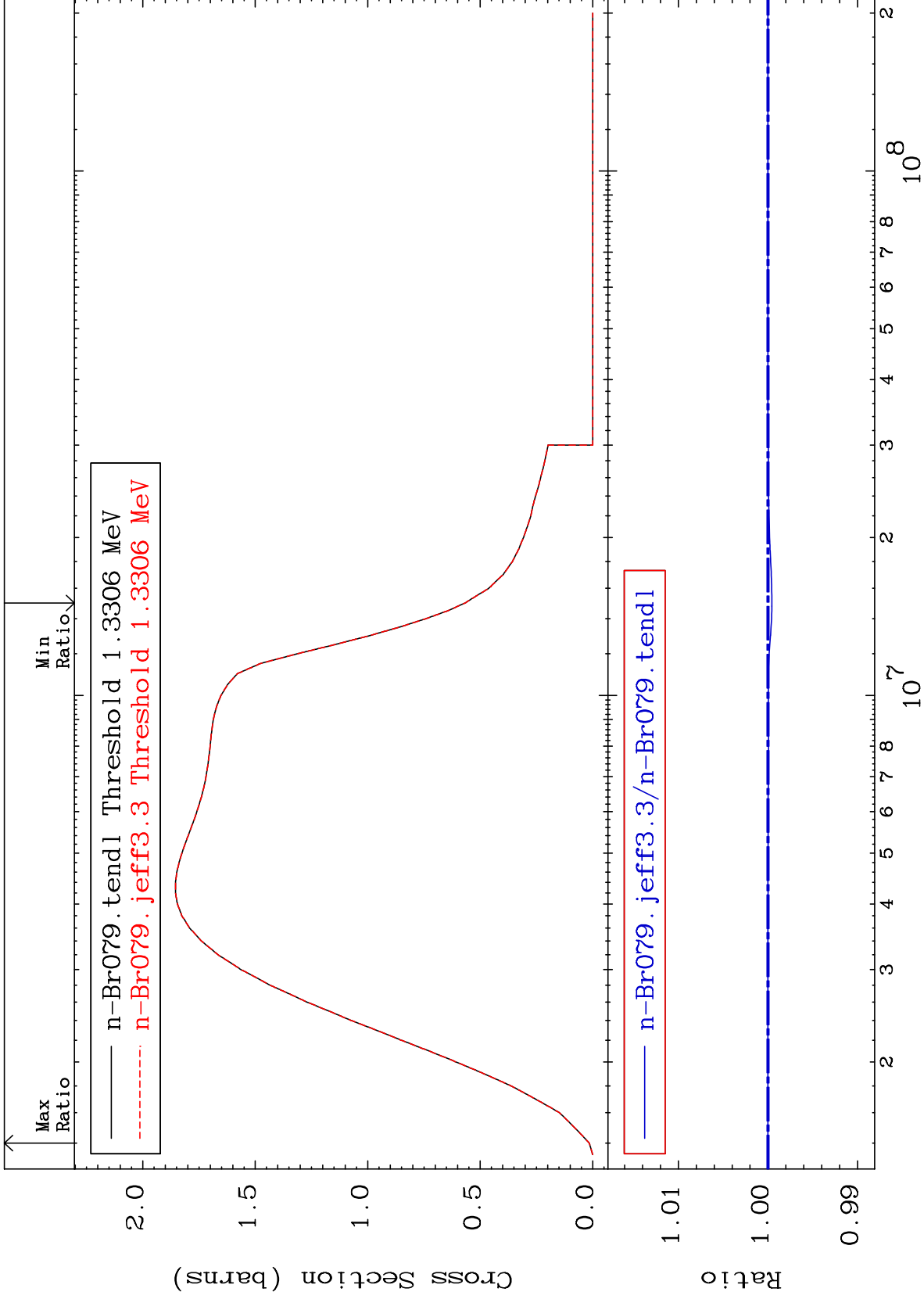


MAT 3525

MT= 76 (n,n') Level
Cross Section

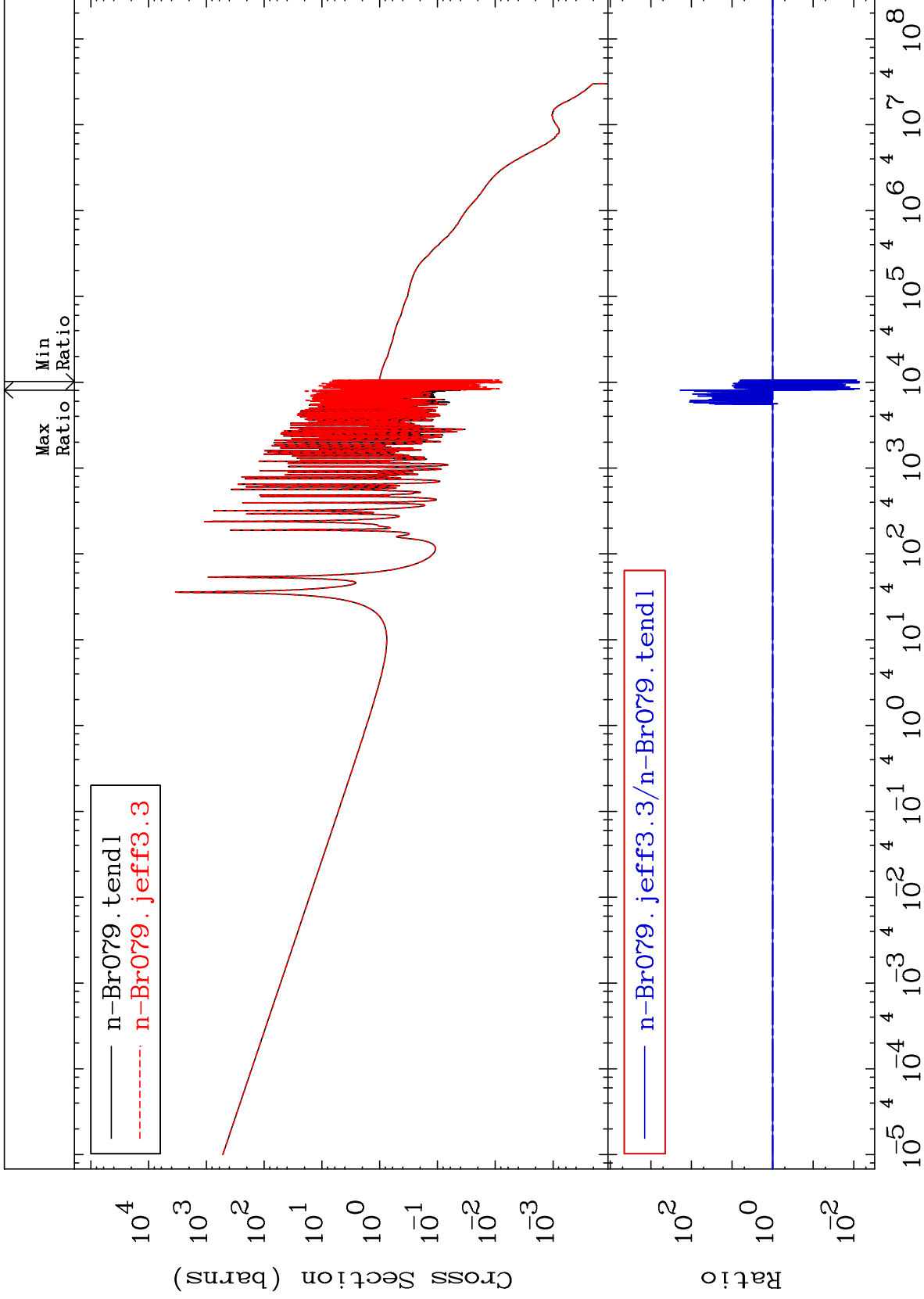
35-Br-79
-1.335 To 0.000 %





Cross Section

-99.28 To 9999. %

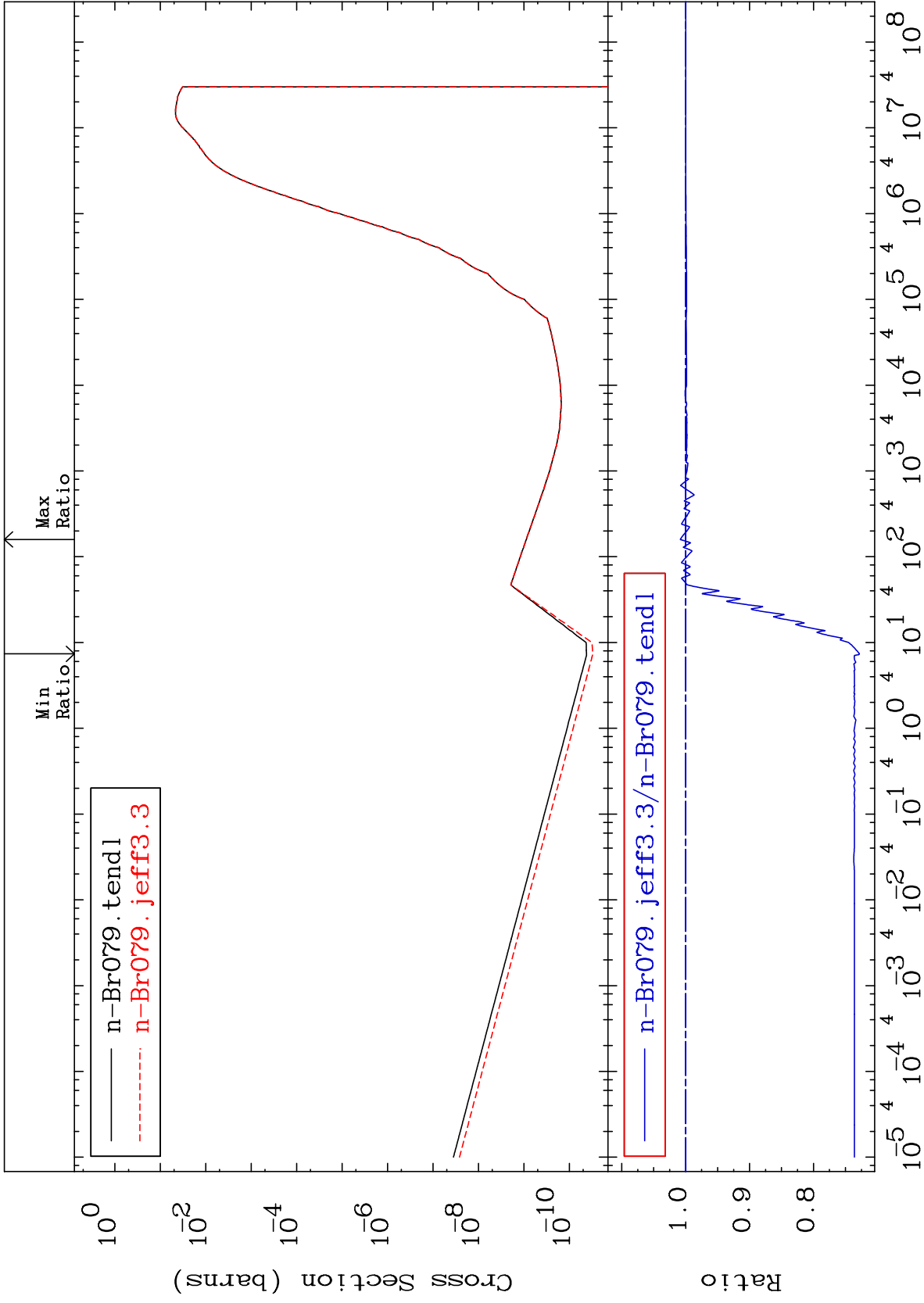


MAT 3525

35-Br-79

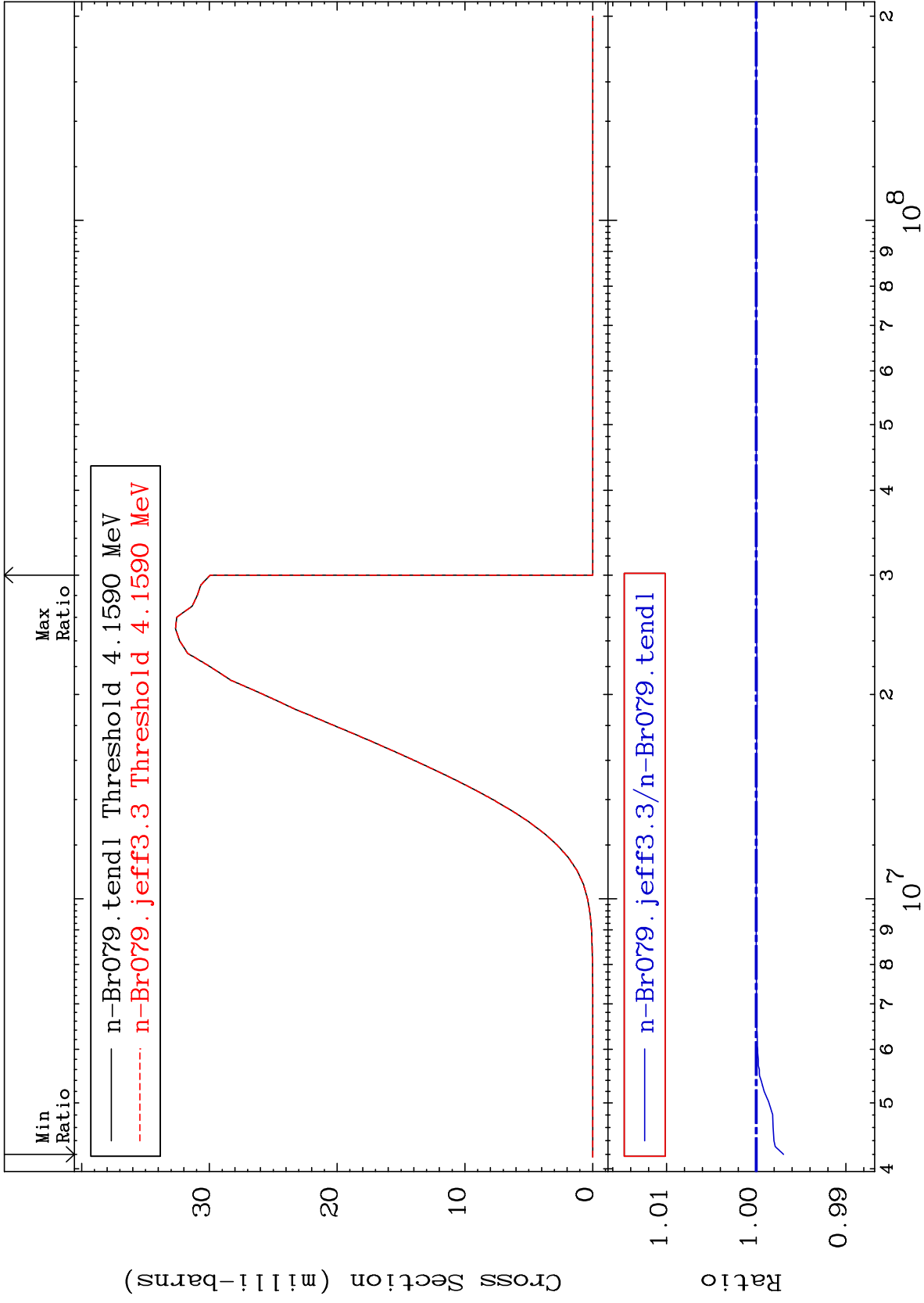
-27.19 To 0.829 %

(n, p)
Cross Section



Cross Section

-0.306 To 0.000 %



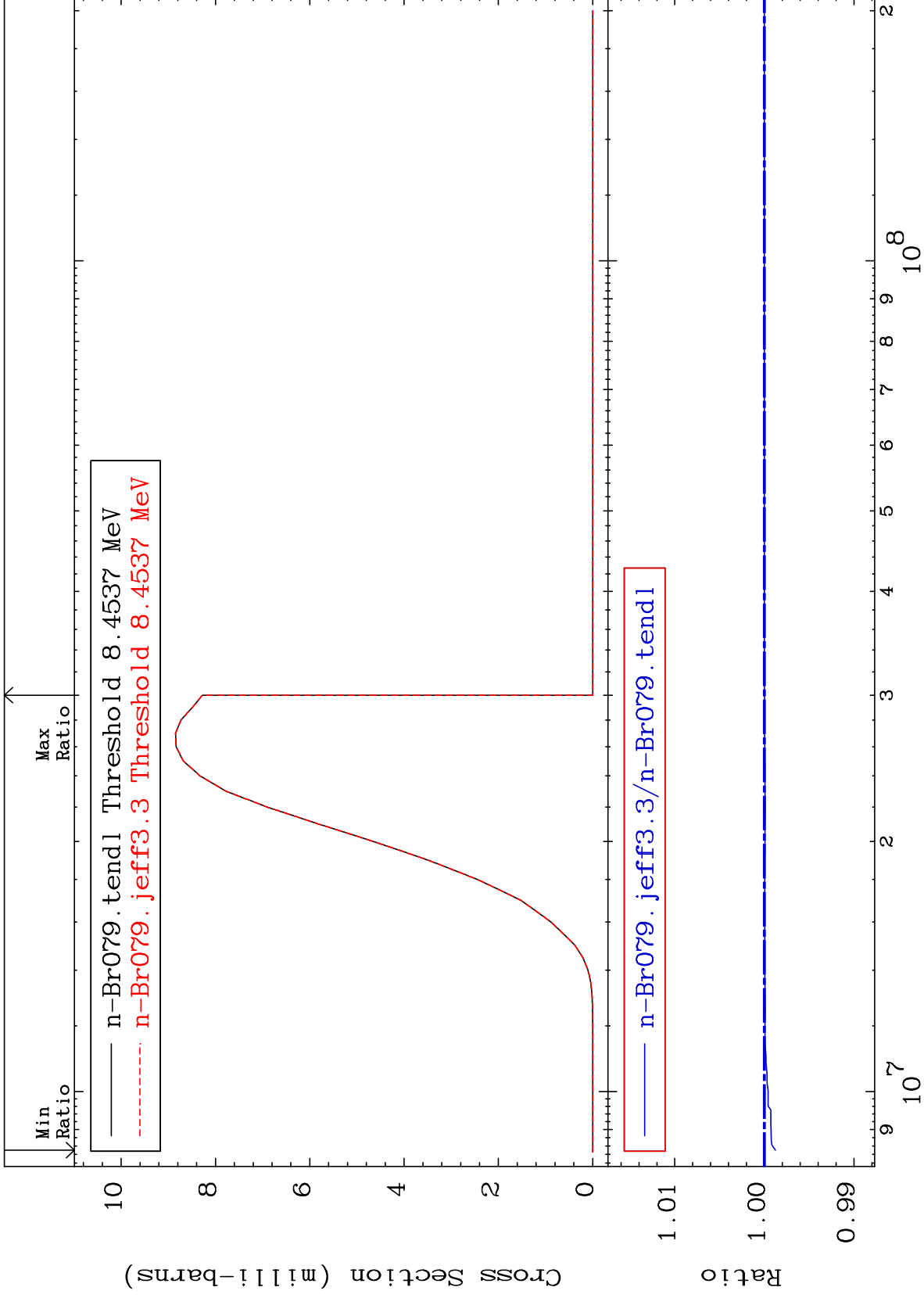
MAT 3525

(n, t)

35-Br-79

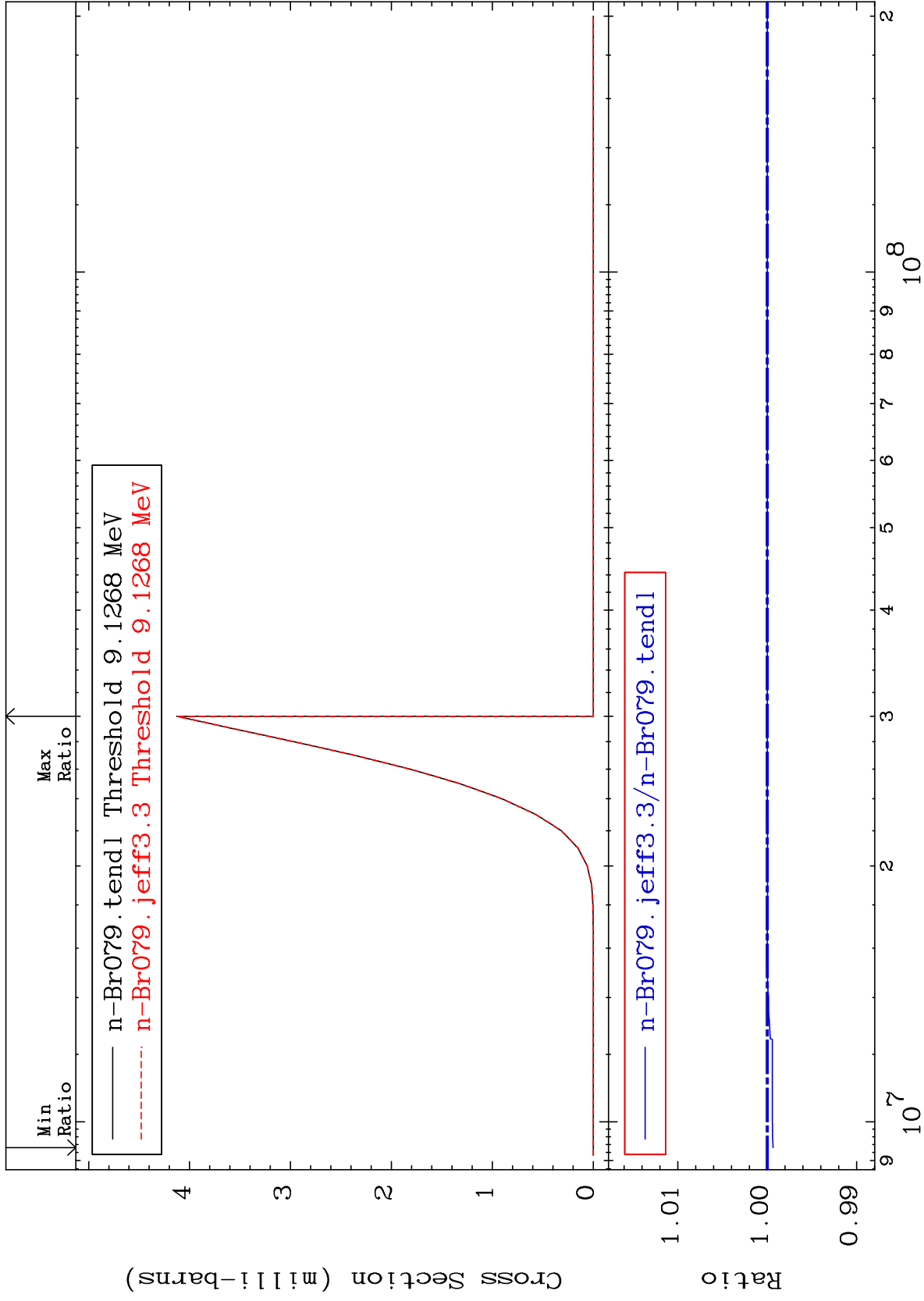
Cross Section

-0.123 To 0.000 %



Cross Section

-0.066 To 0.000 %



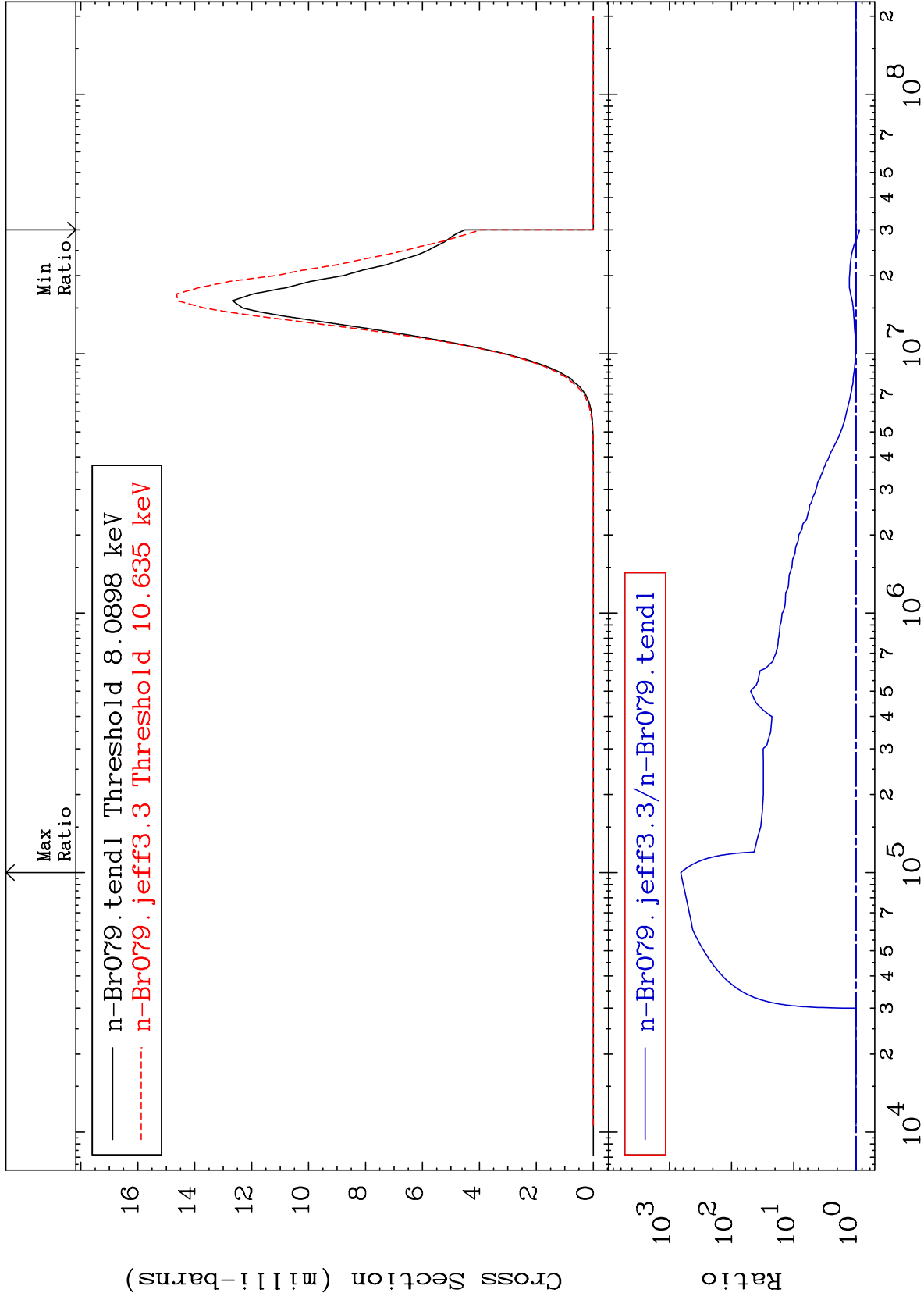
MAT 3525

(n, α)

35-Br-79

Cross Section

-12.09 To 9999. %



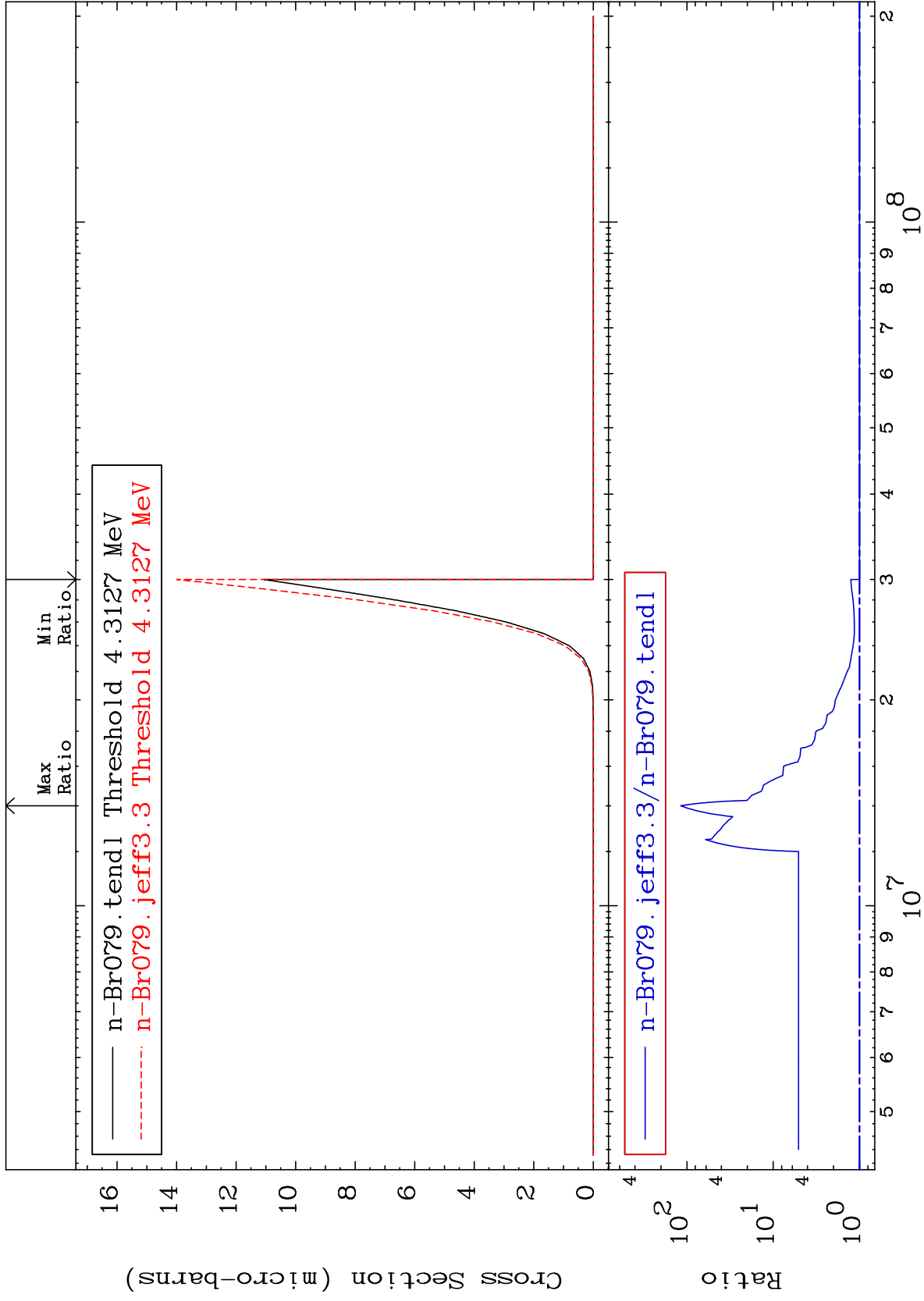
MAT 3525

(n,2α)

35-Br-79

0.000 To 9999. %

Cross Section



45

Incident Energy (eV)

35-Br-79

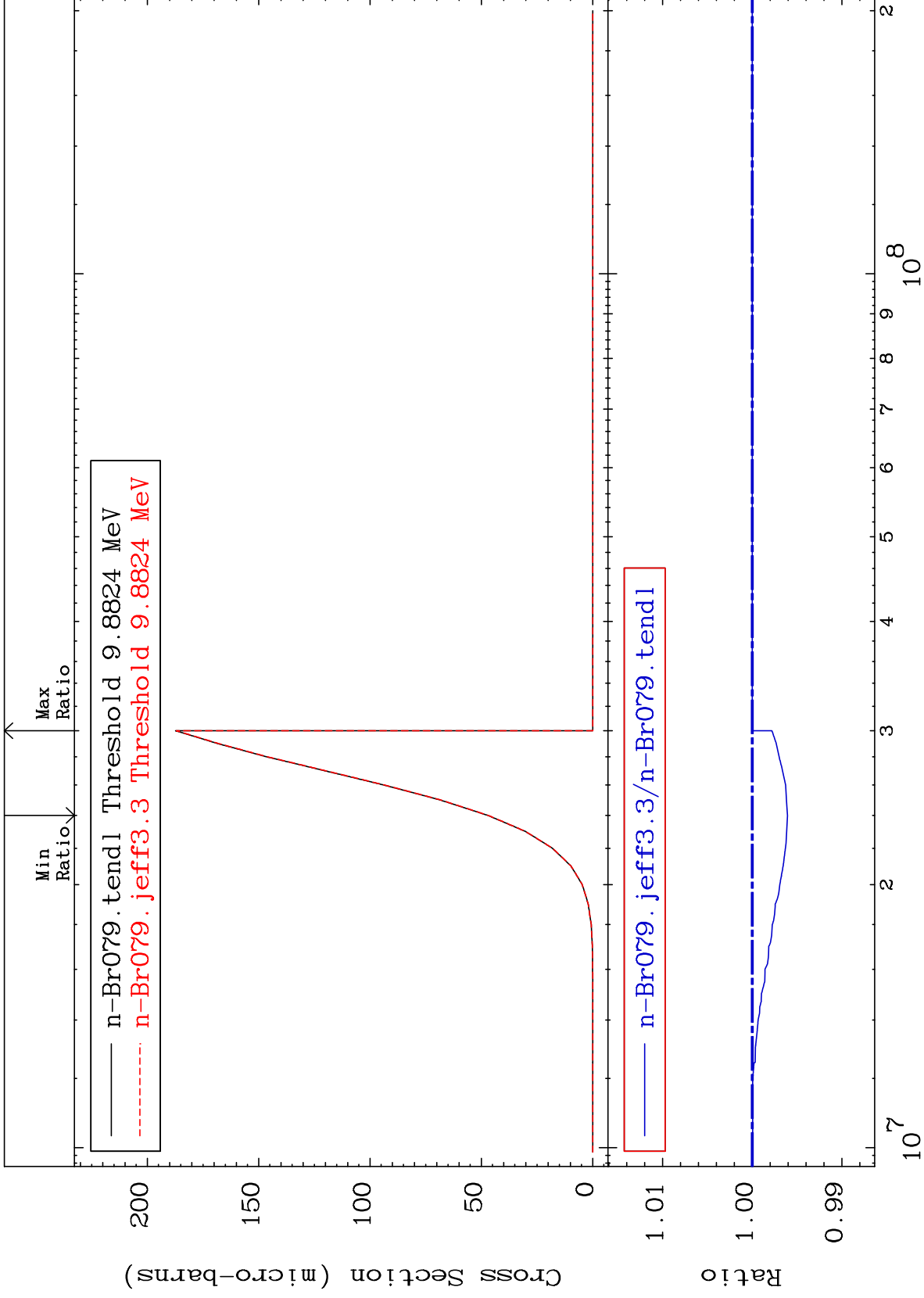
MAT 3525

(n,2p)

35-Br-79

Cross Section

-0.393 To 0.000 %



46

Incident Energy (eV)

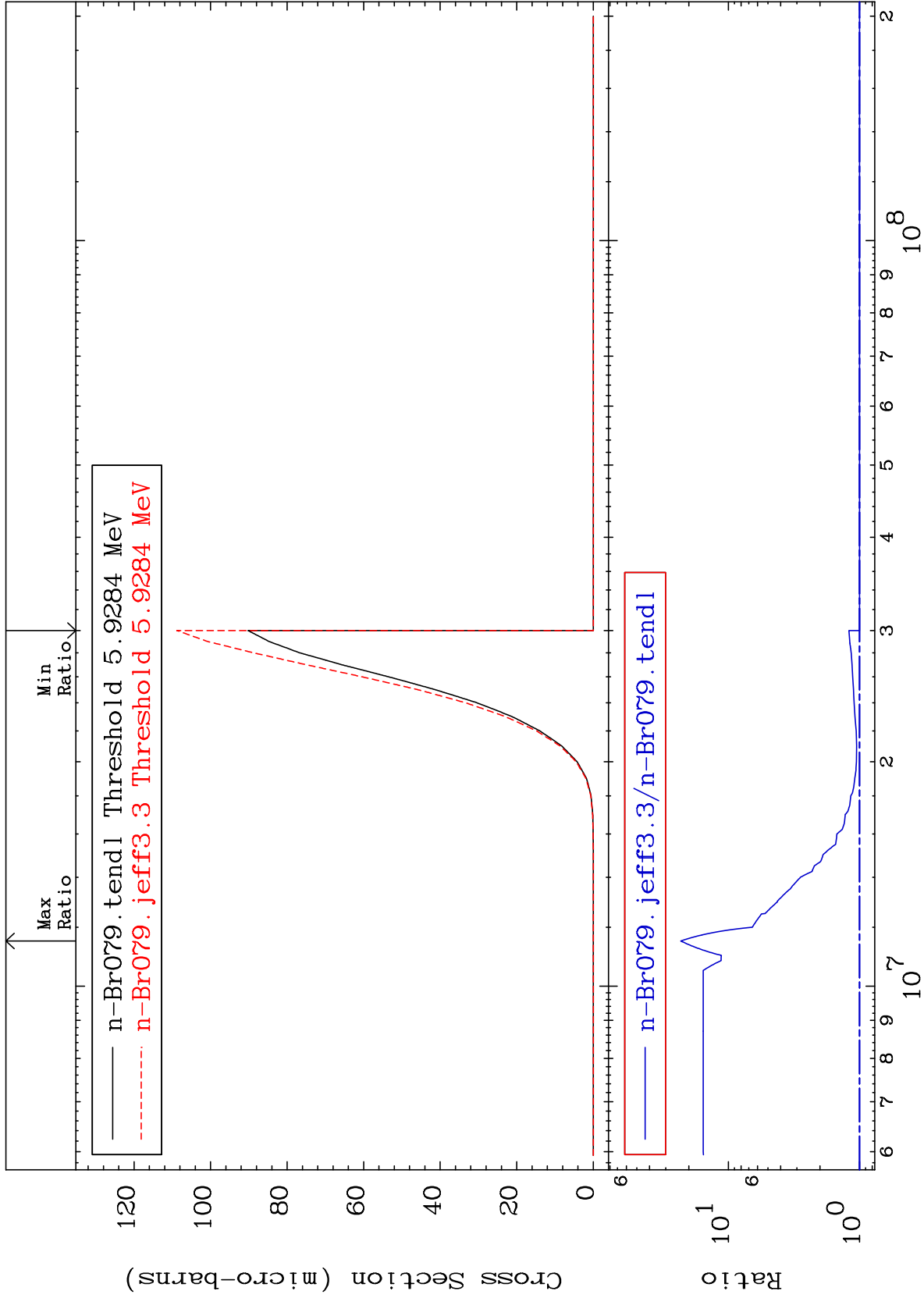
35-Br-79

MAT 3525

³⁵Br-79

(n, p) α

Cross Section To 2207. %



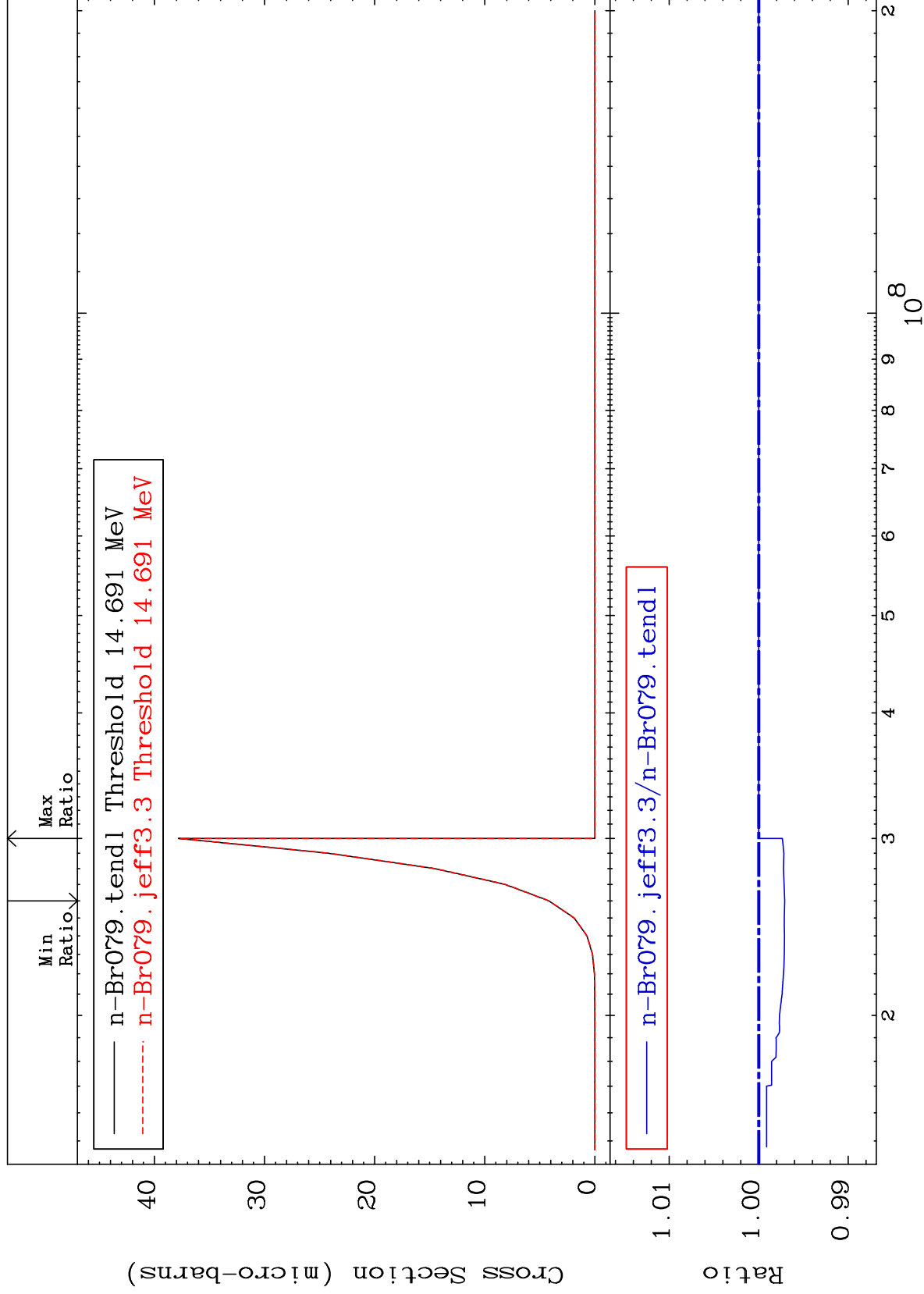
MAT 3525

(n, p) d

³⁵Br-79

Cross Section

-0.289 To 0.000 %



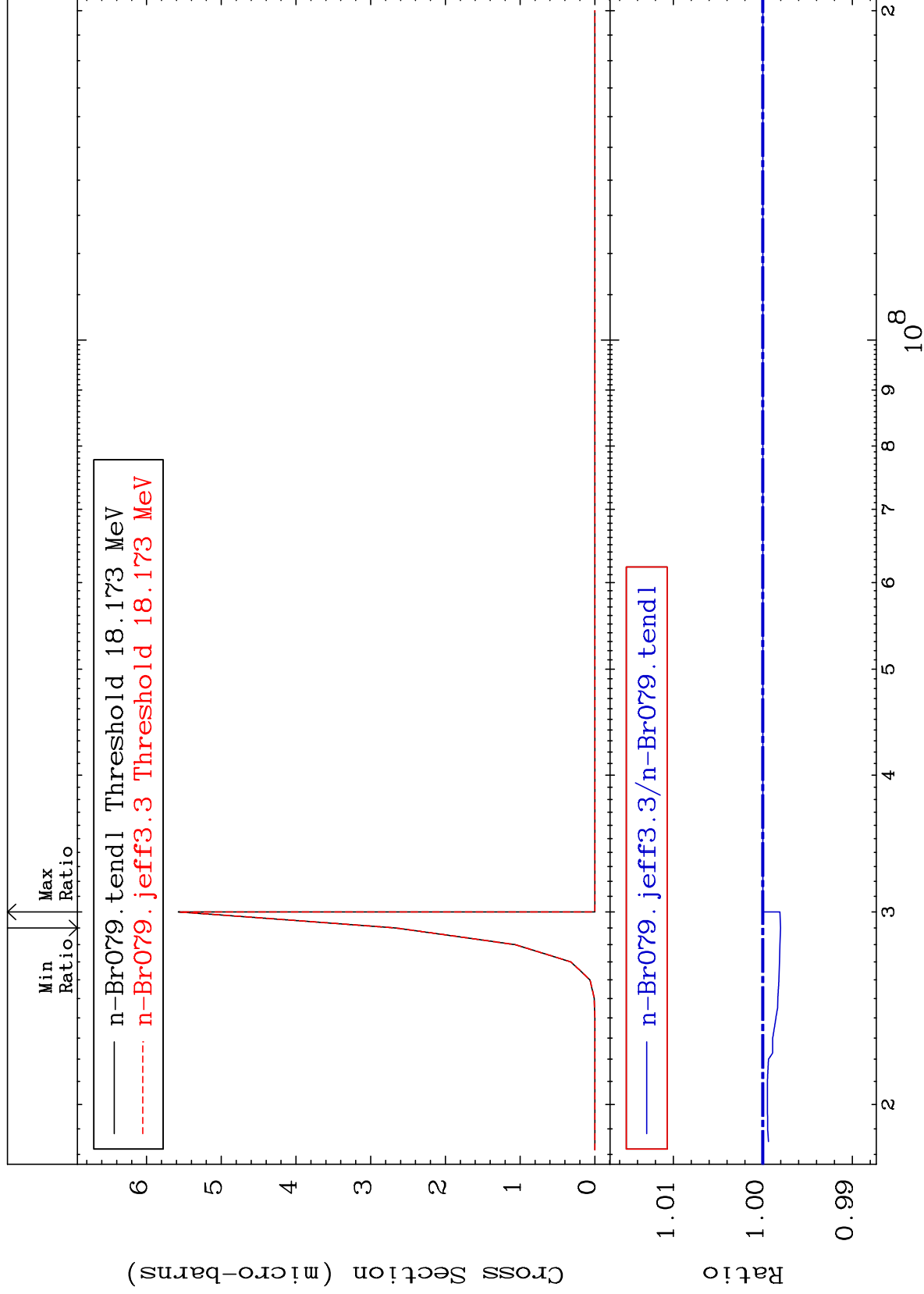
MAT 3525

(n, p) t

³⁵Br-79

Cross Section

-0.199 To 0.000 %



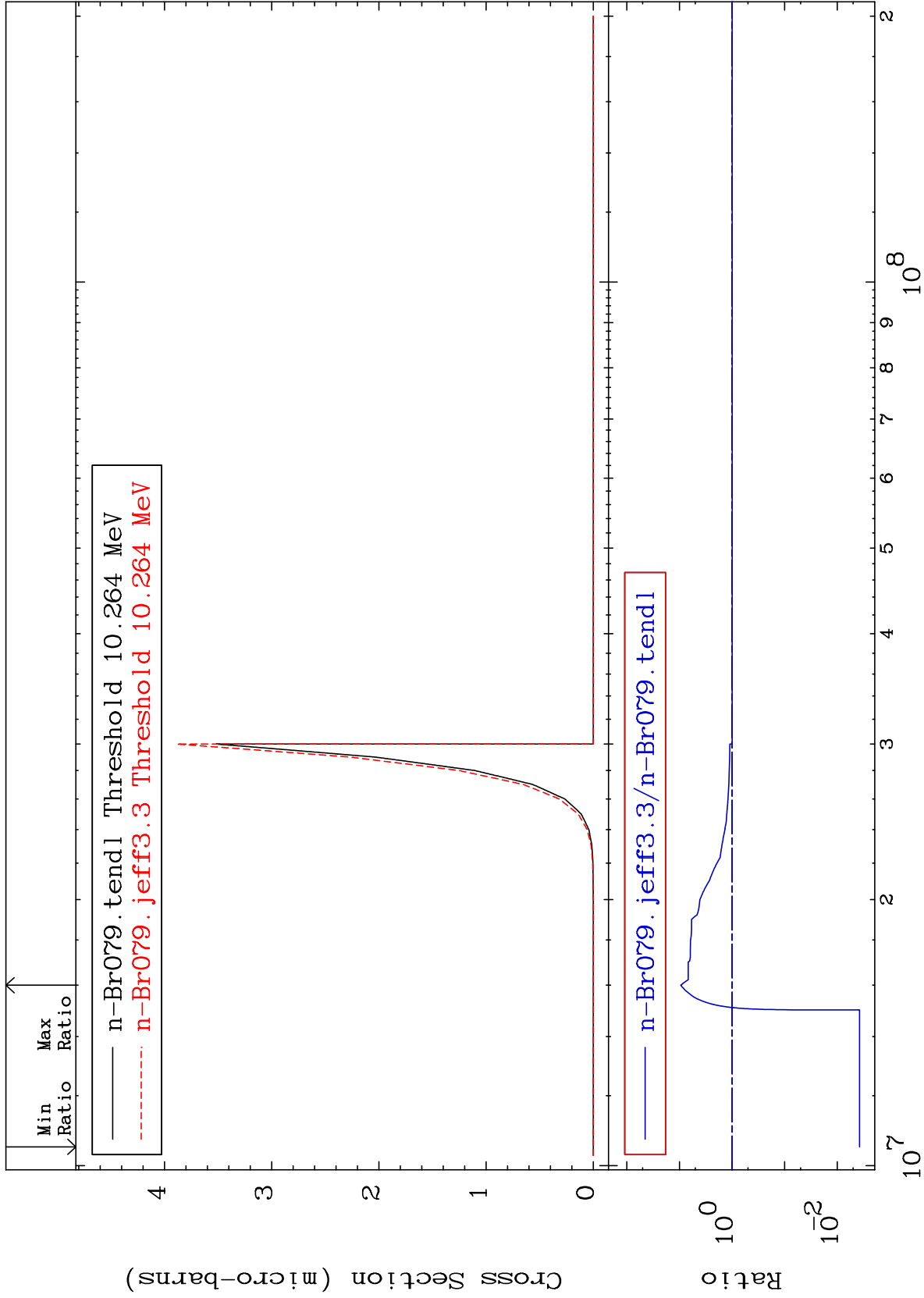
MAT 3525

(n, d) α

35-Br-79

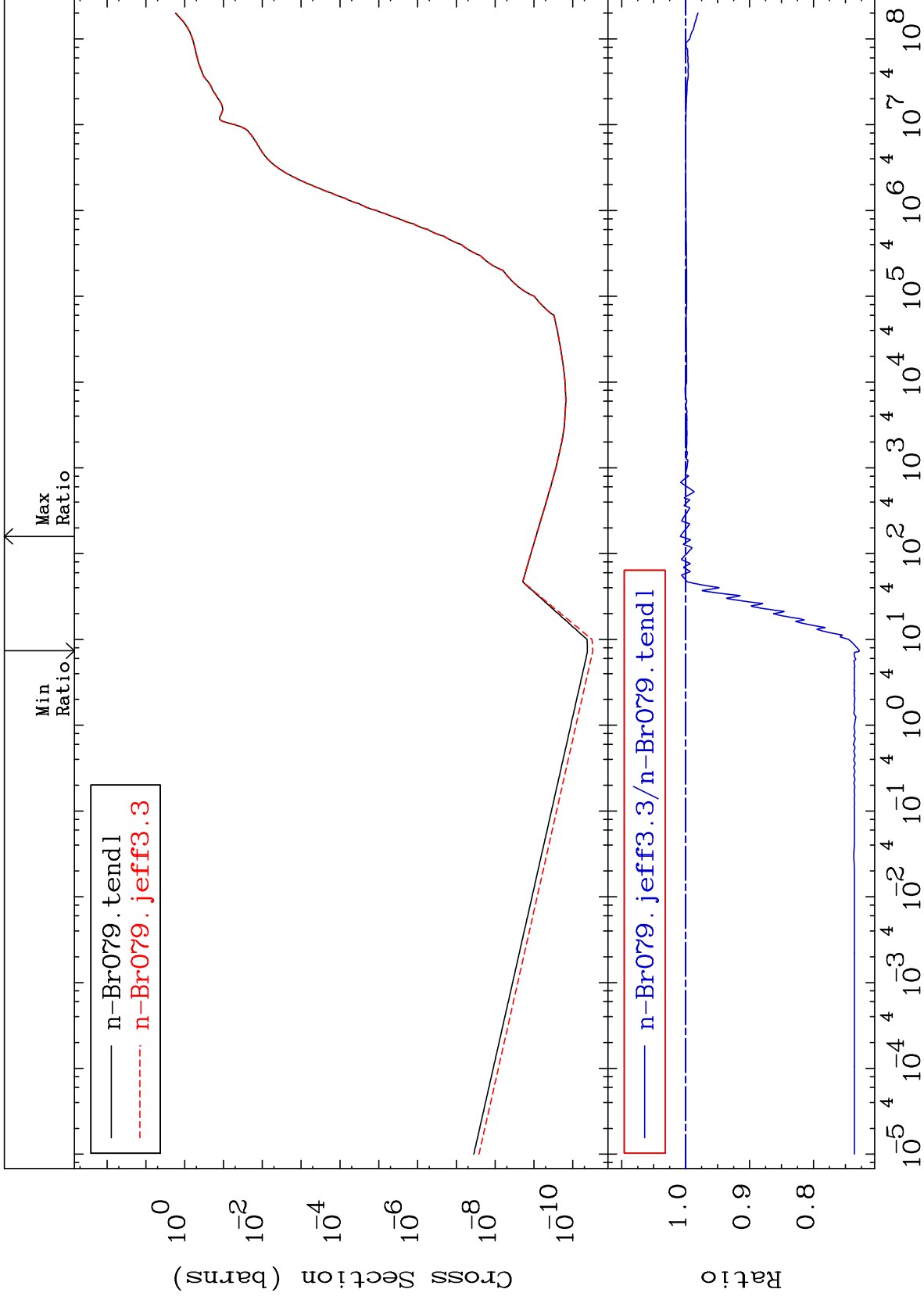
Cross Section

-99.62 To 843.0 %



Incident Energy (eV)

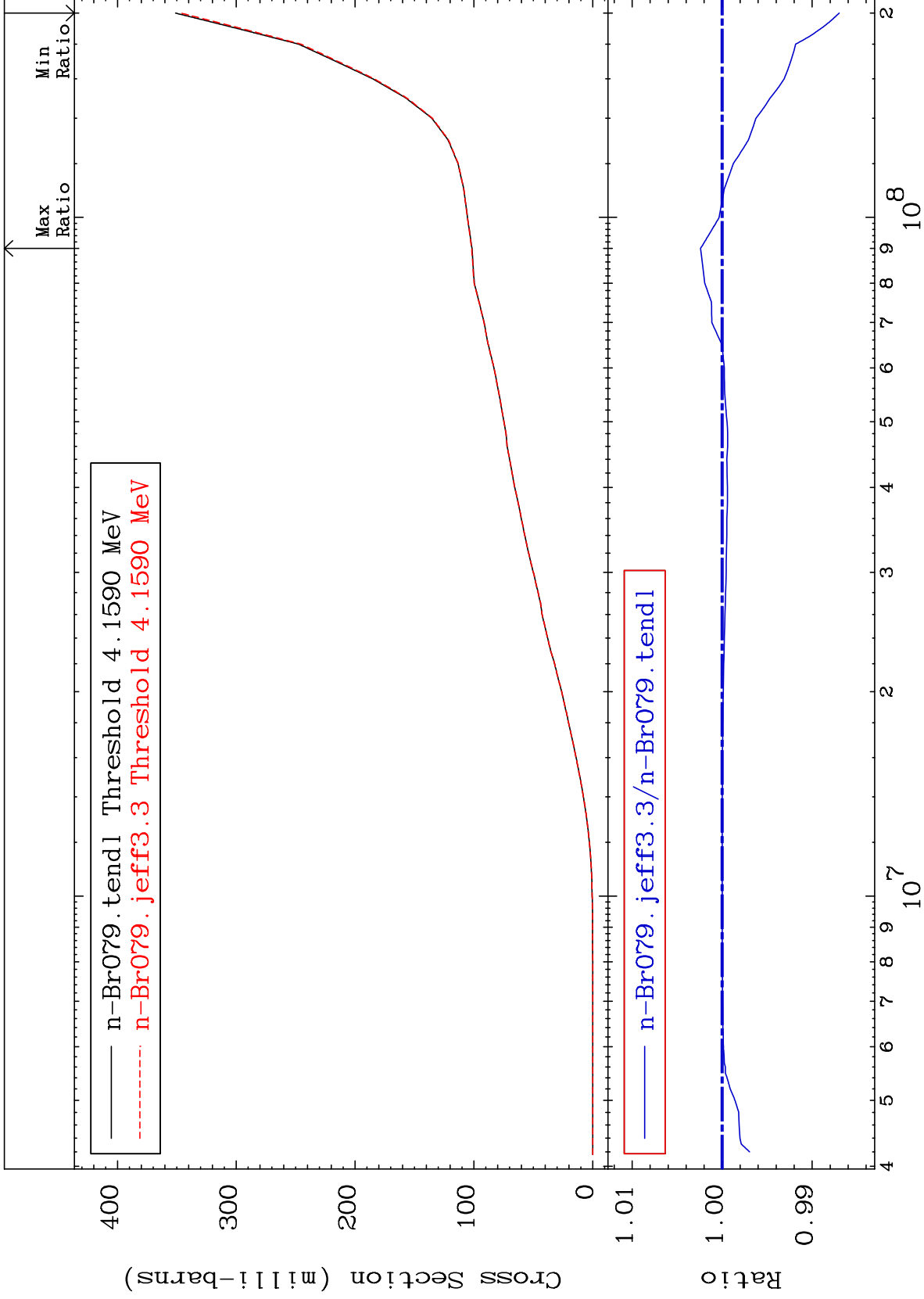
35-Br-79

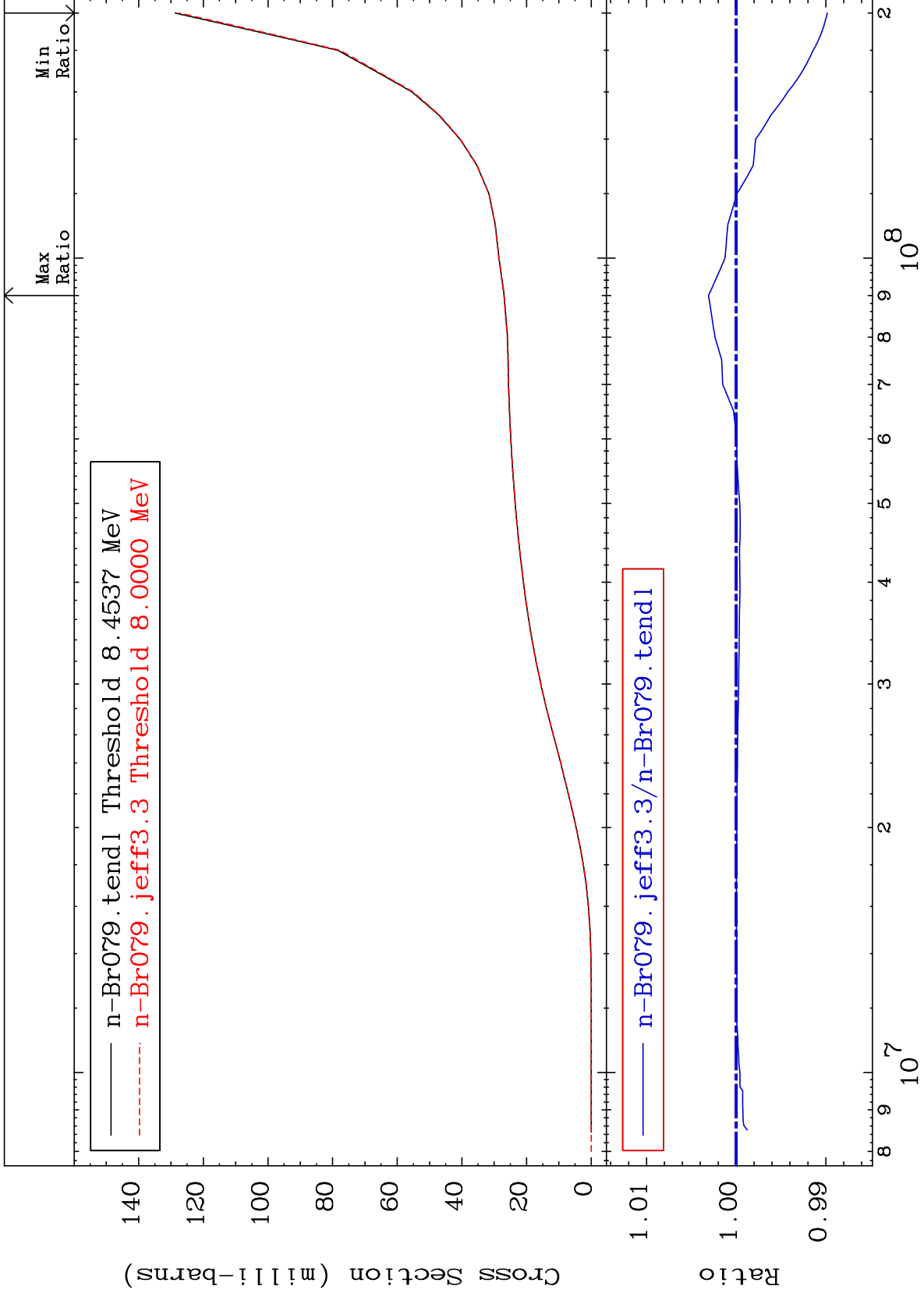


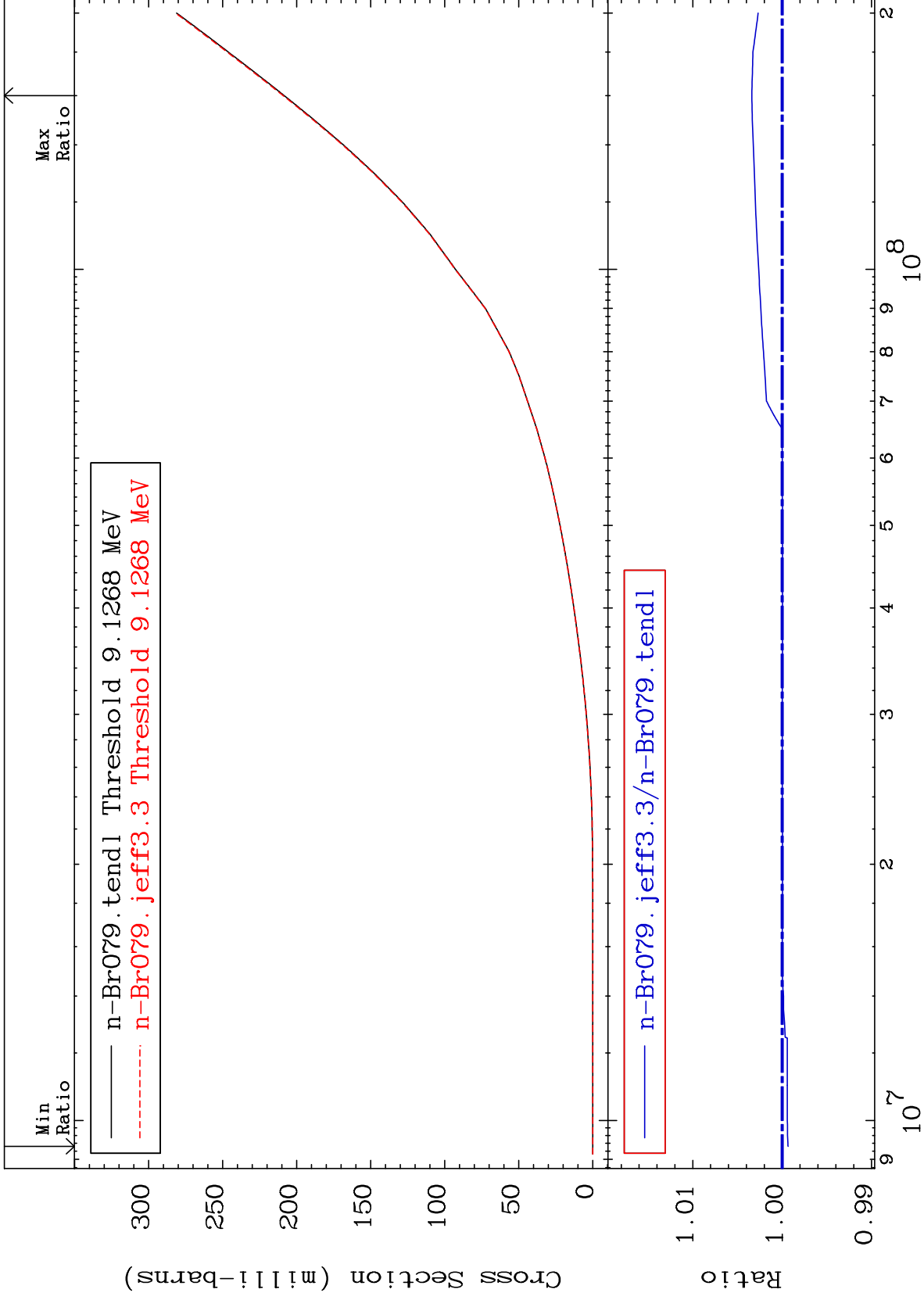
MAT 3525

Deuterium Production
Cross Section

35-Br-79
-1.301 To 0.240 %



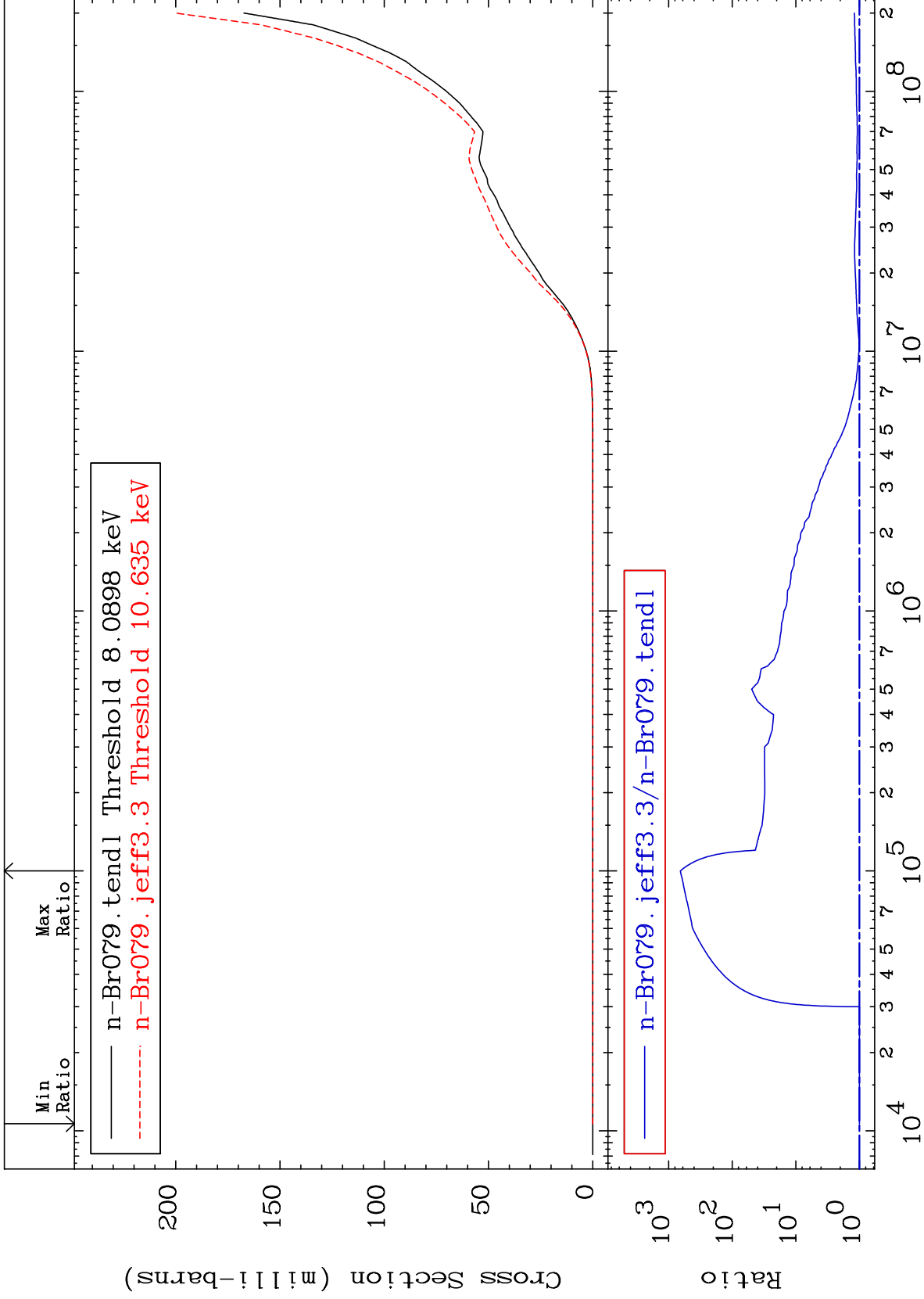




MAT 3525

He-4 Production
Cross Section

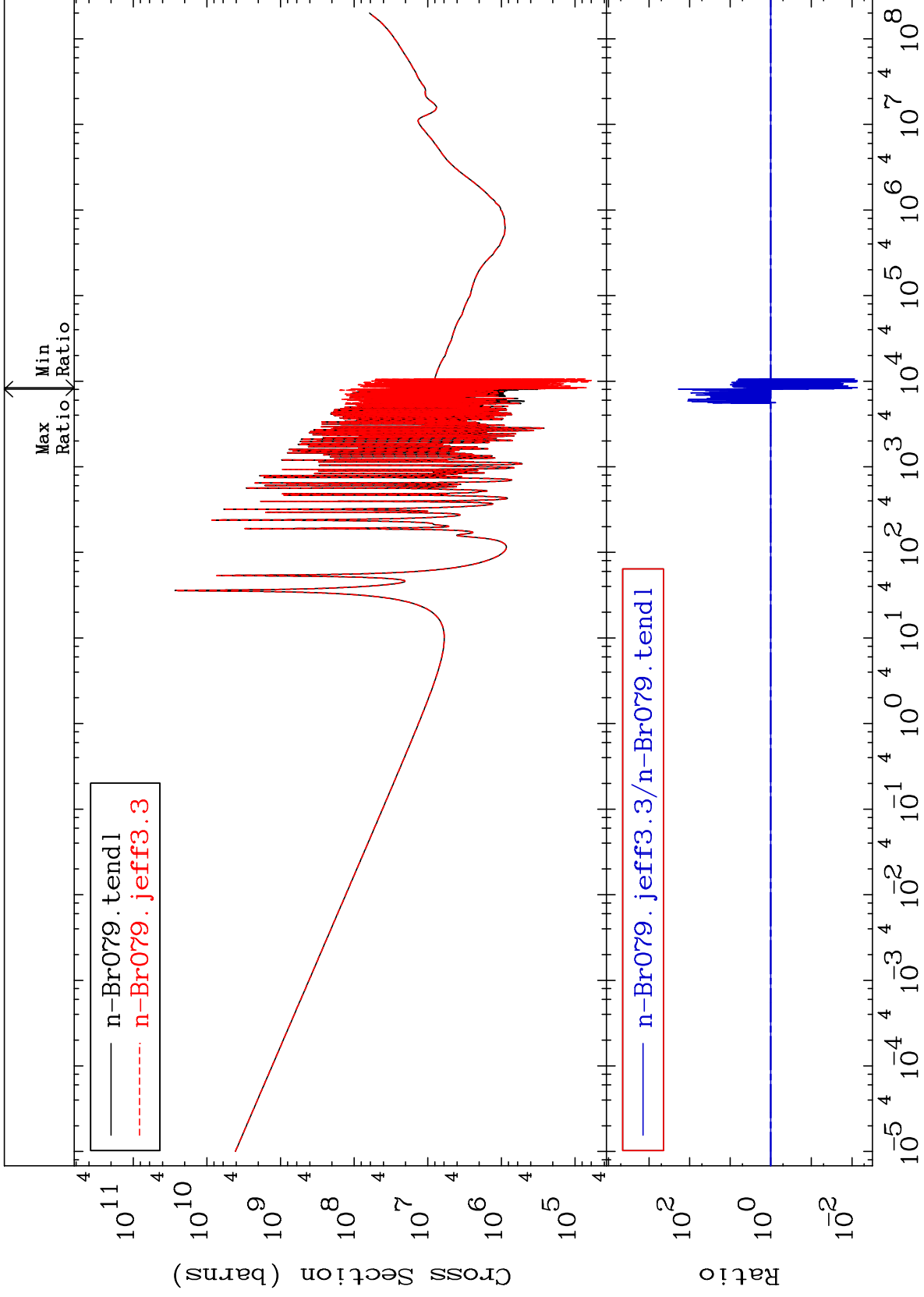
35-Br-79
0.000 To 9999. %

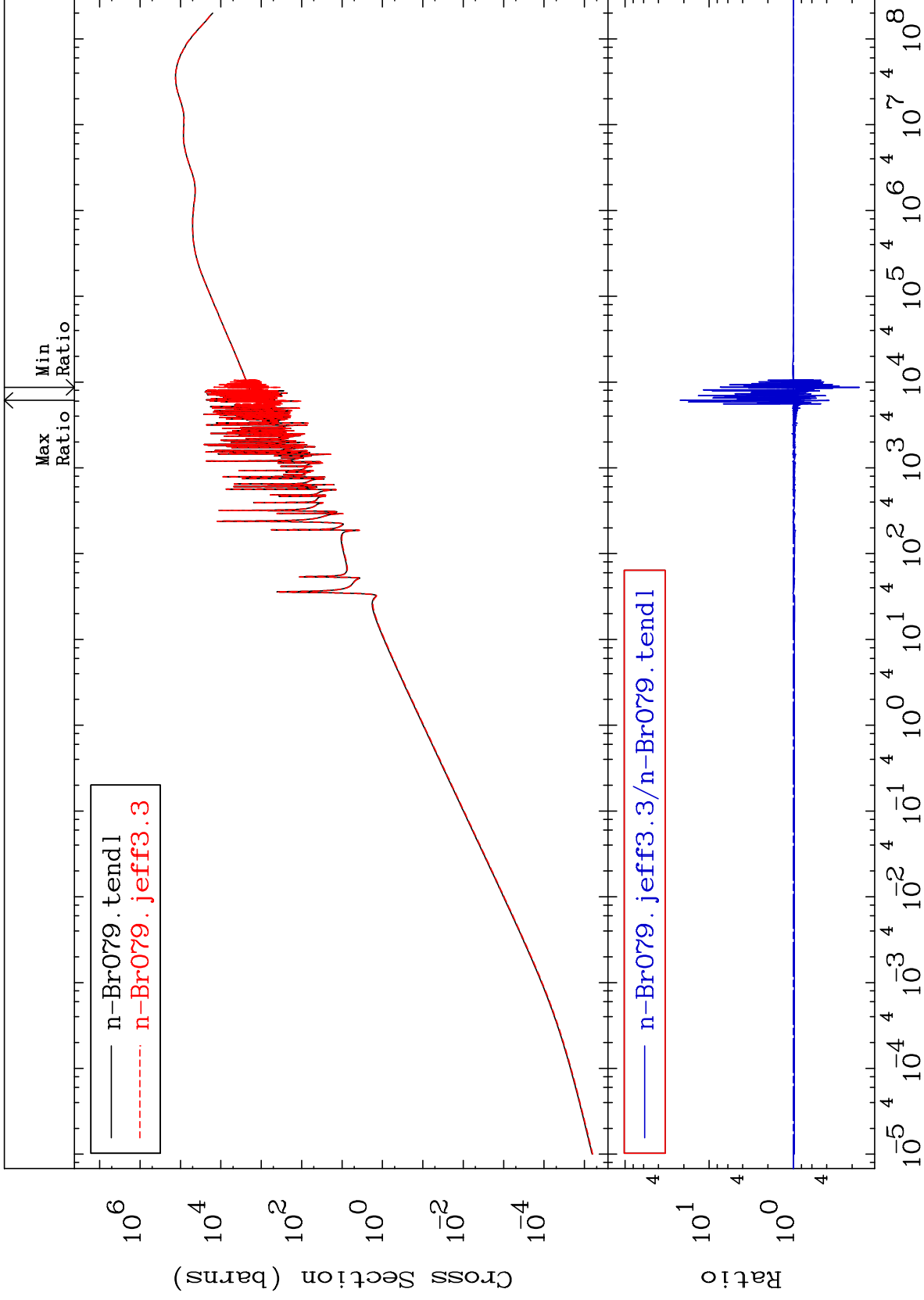


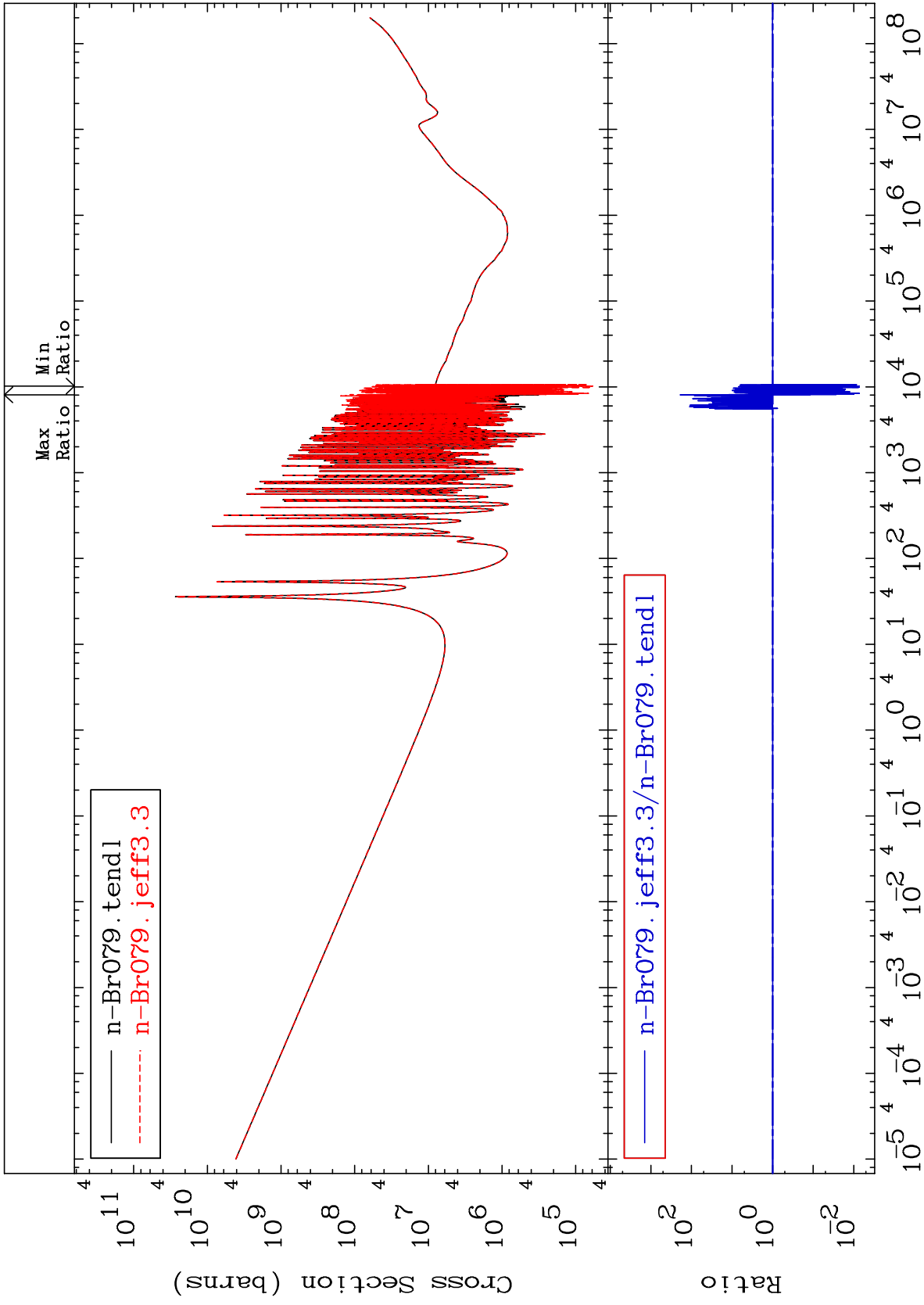
55

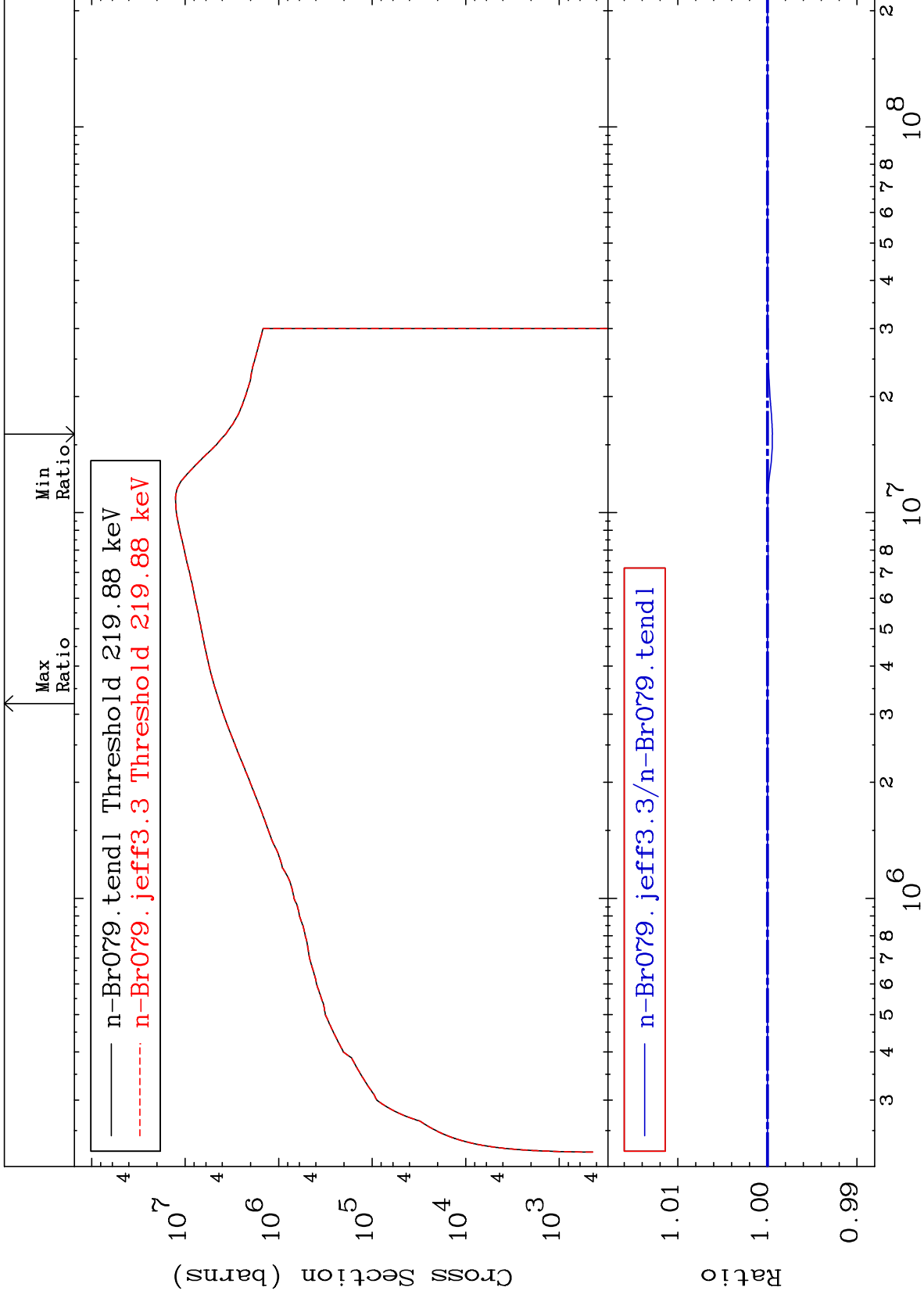
Incident Energy (eV)

35-Br-79





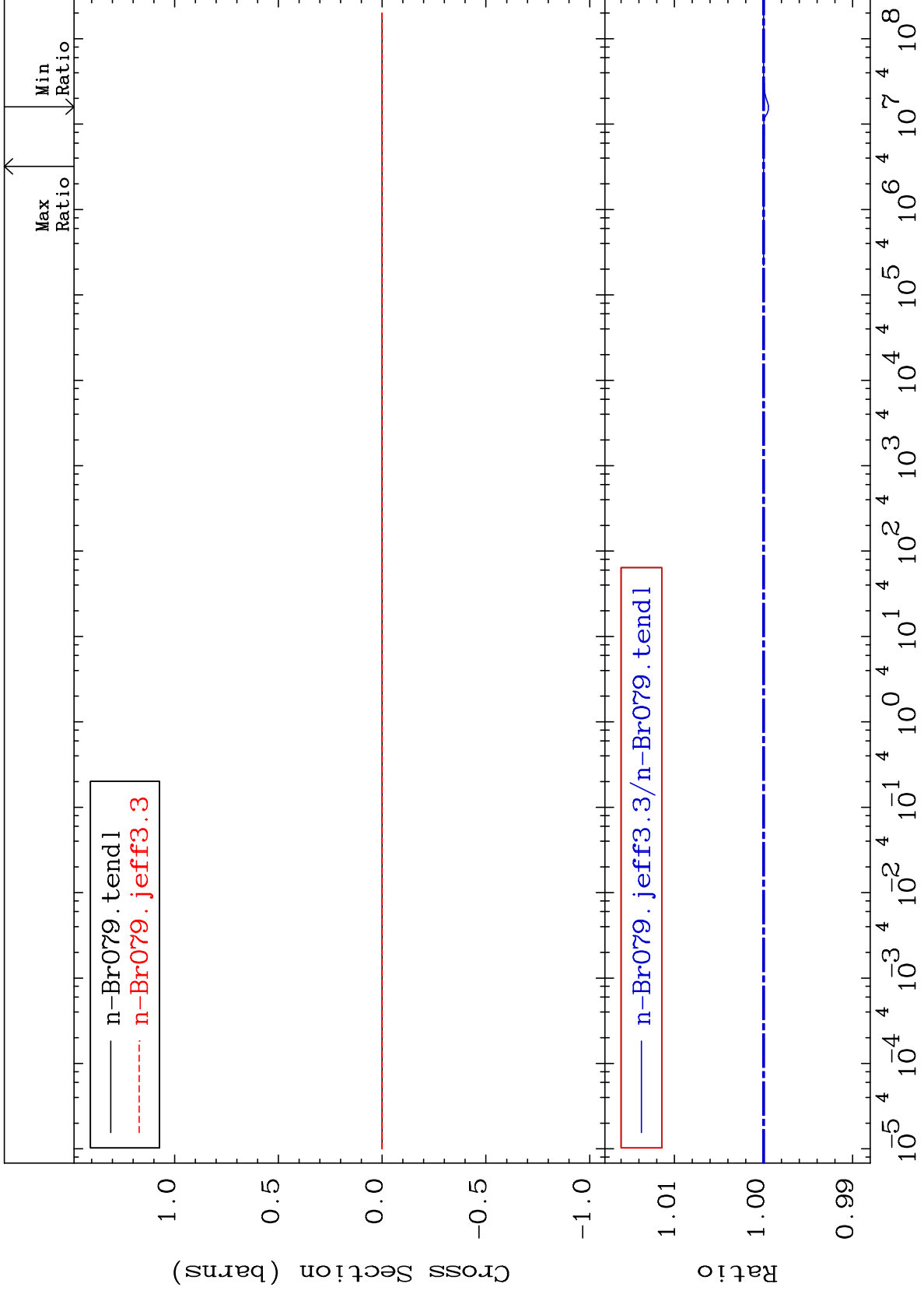




MAT 3525

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

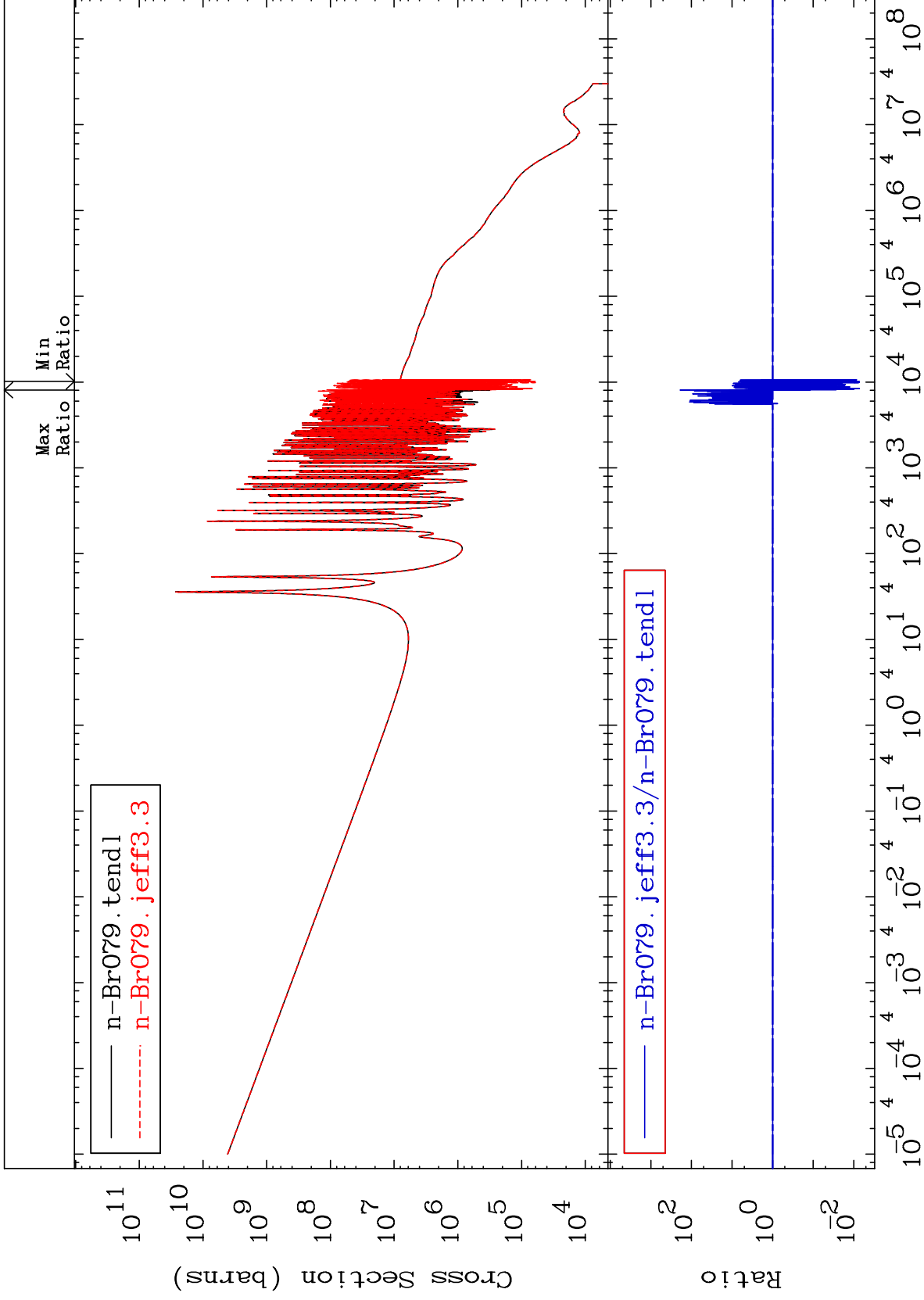
35-Br-79
-0.055 To 0.000 %

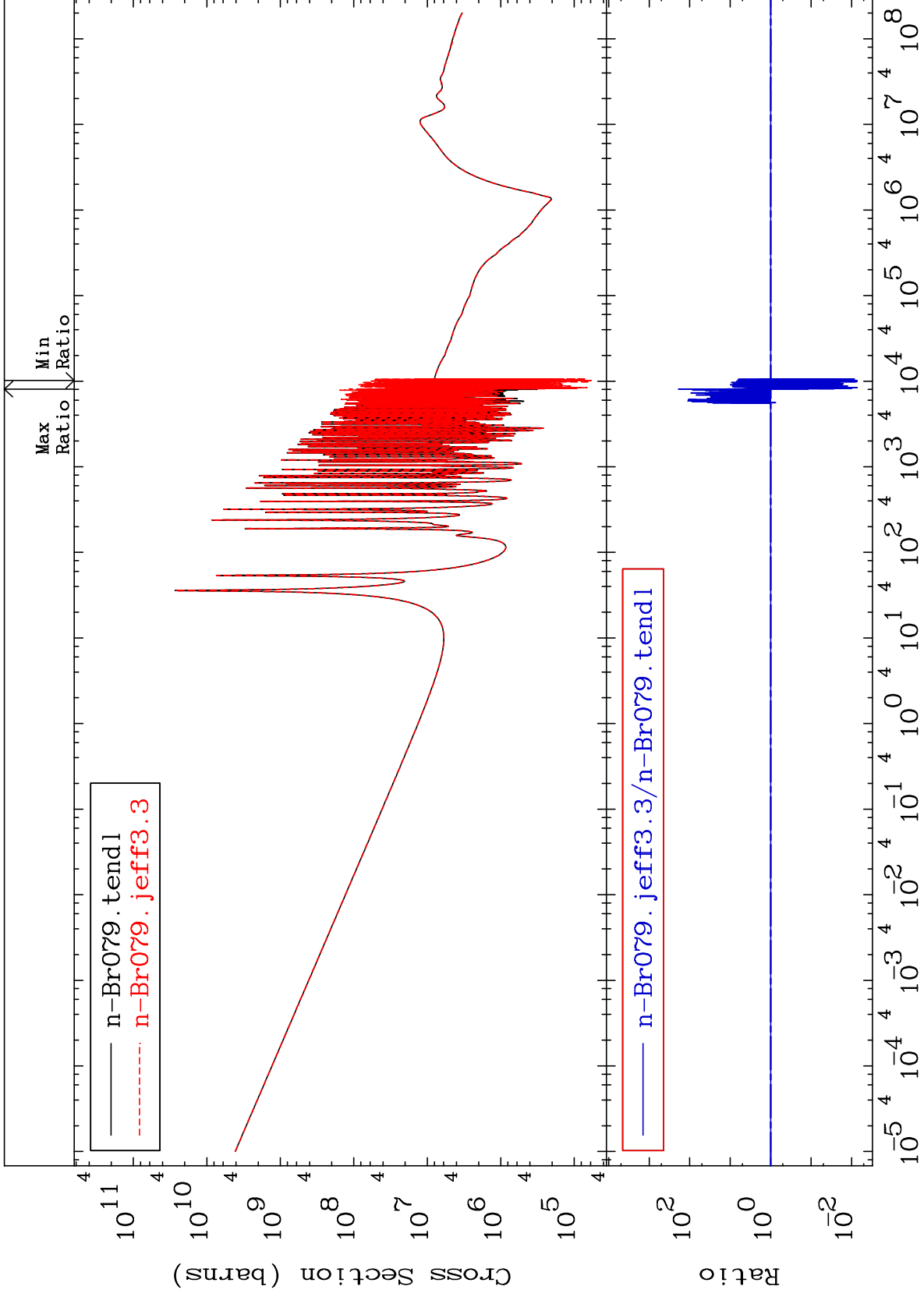


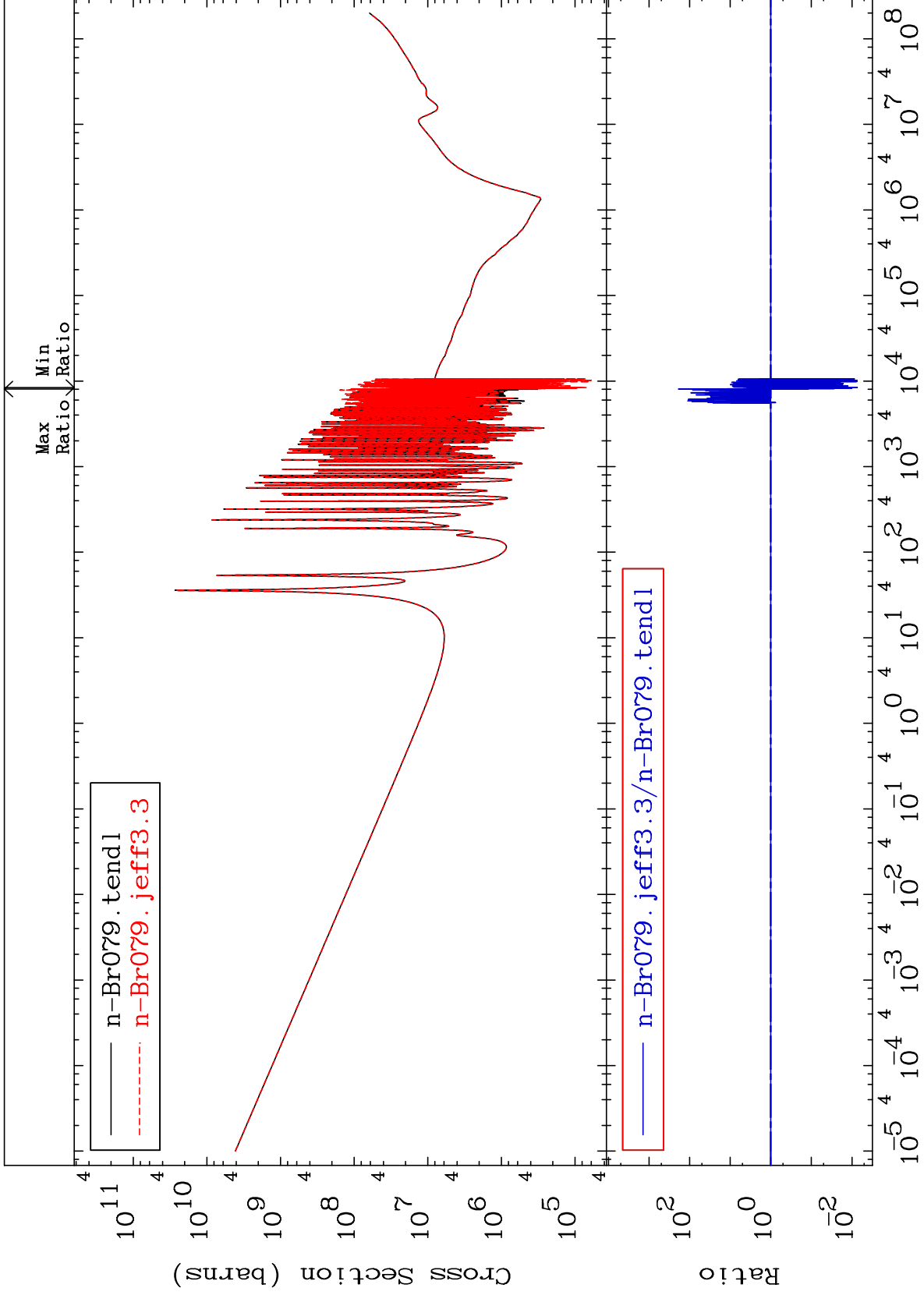
60

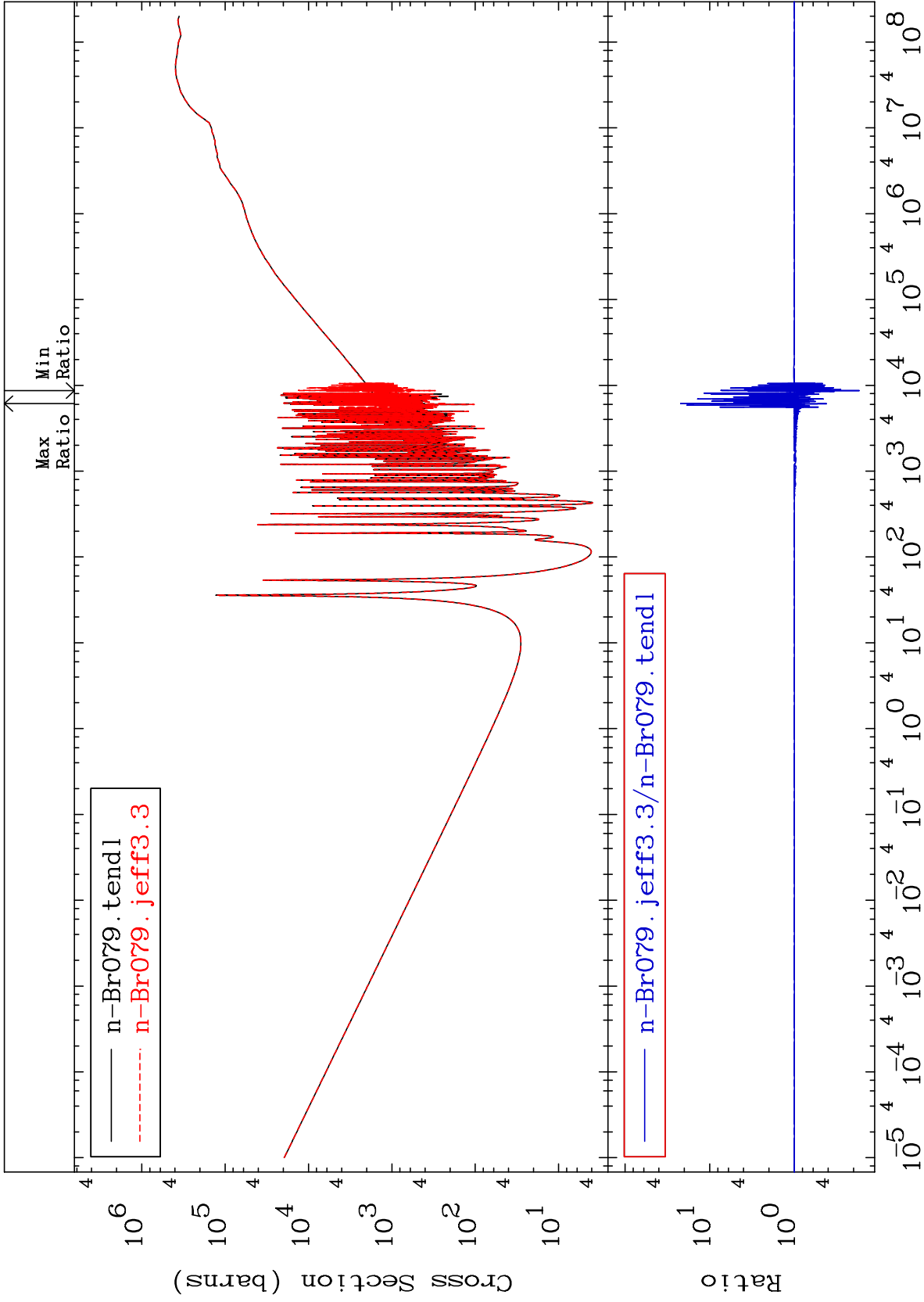
Incident Energy (eV)

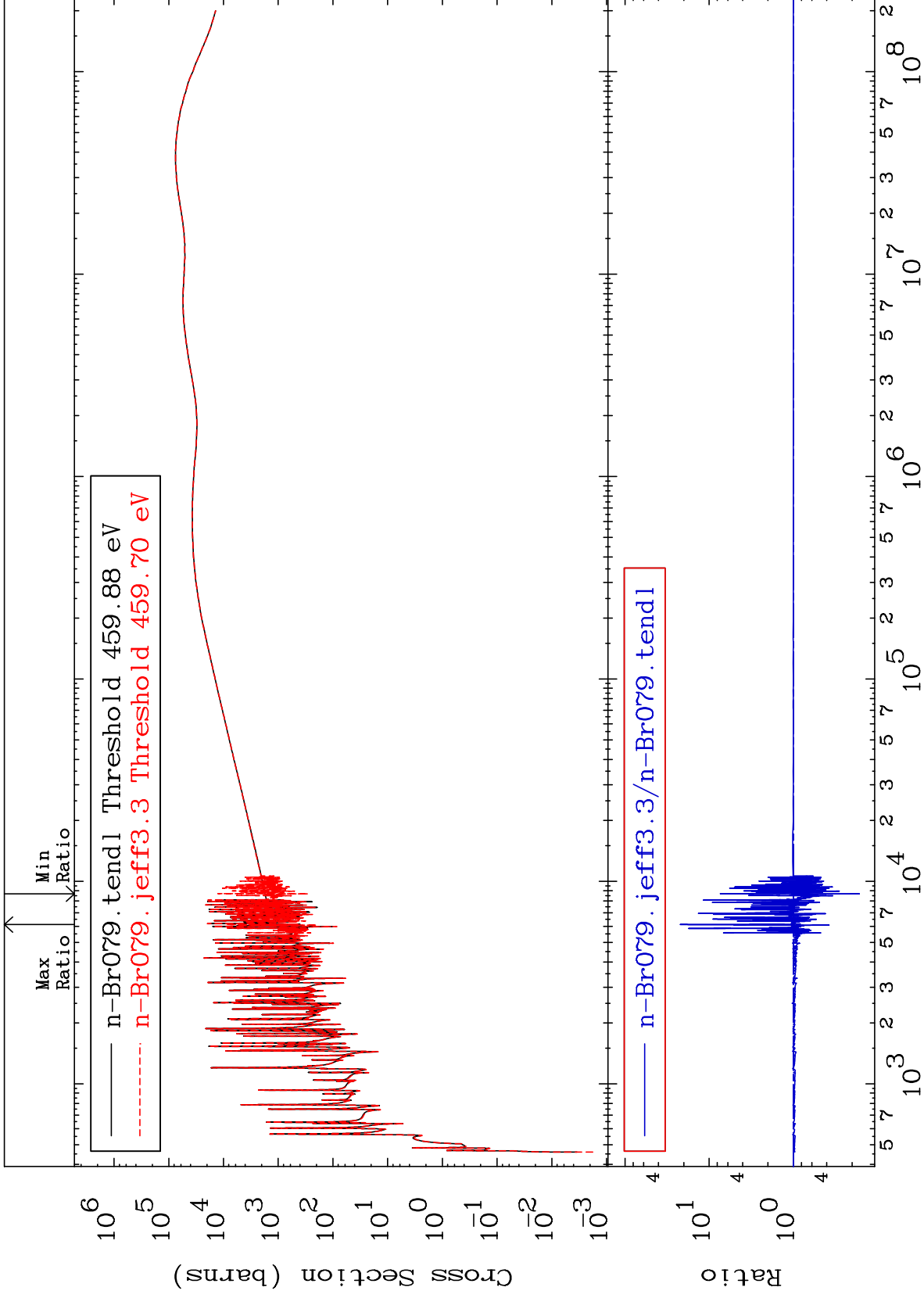
35-Br-79





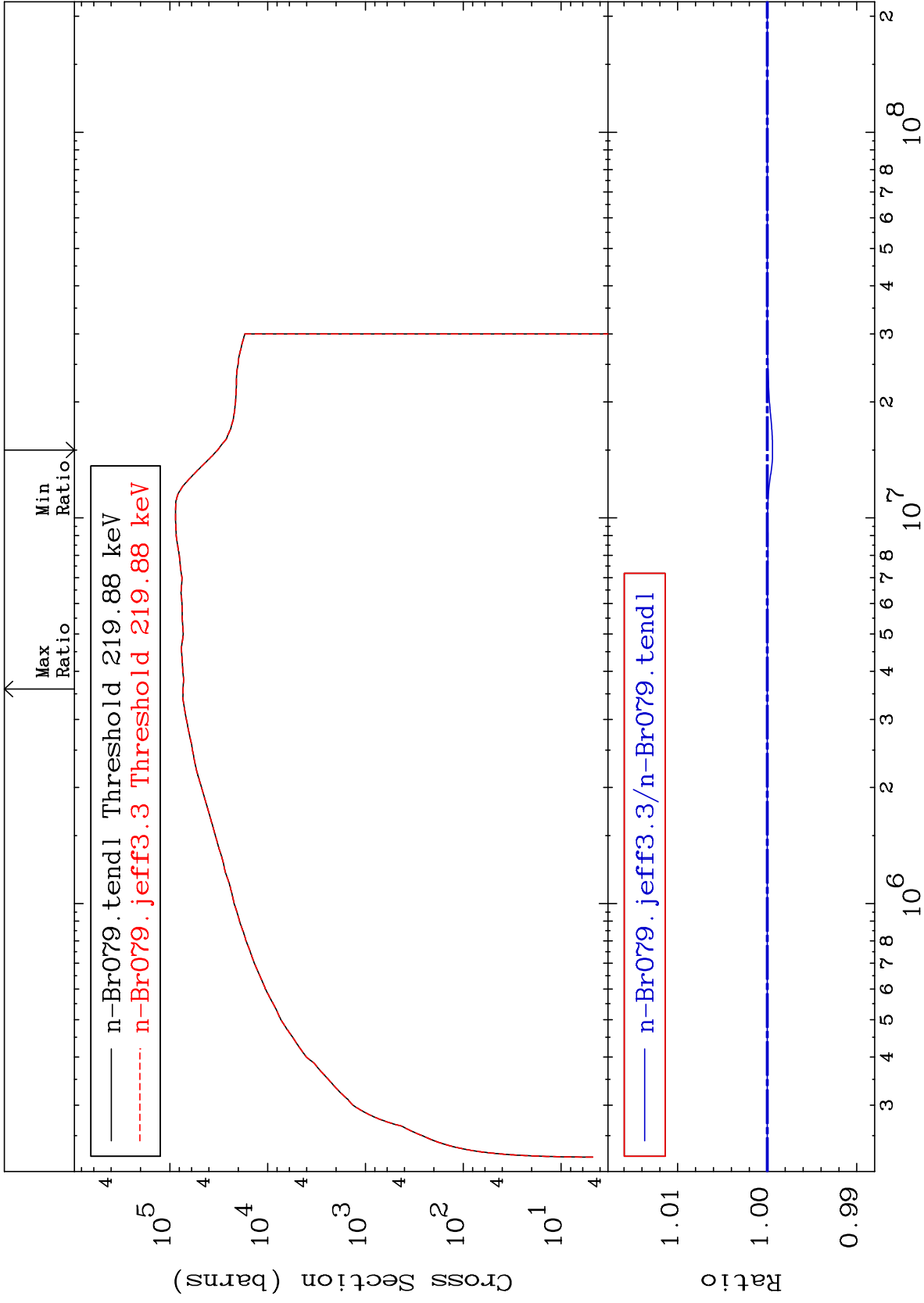


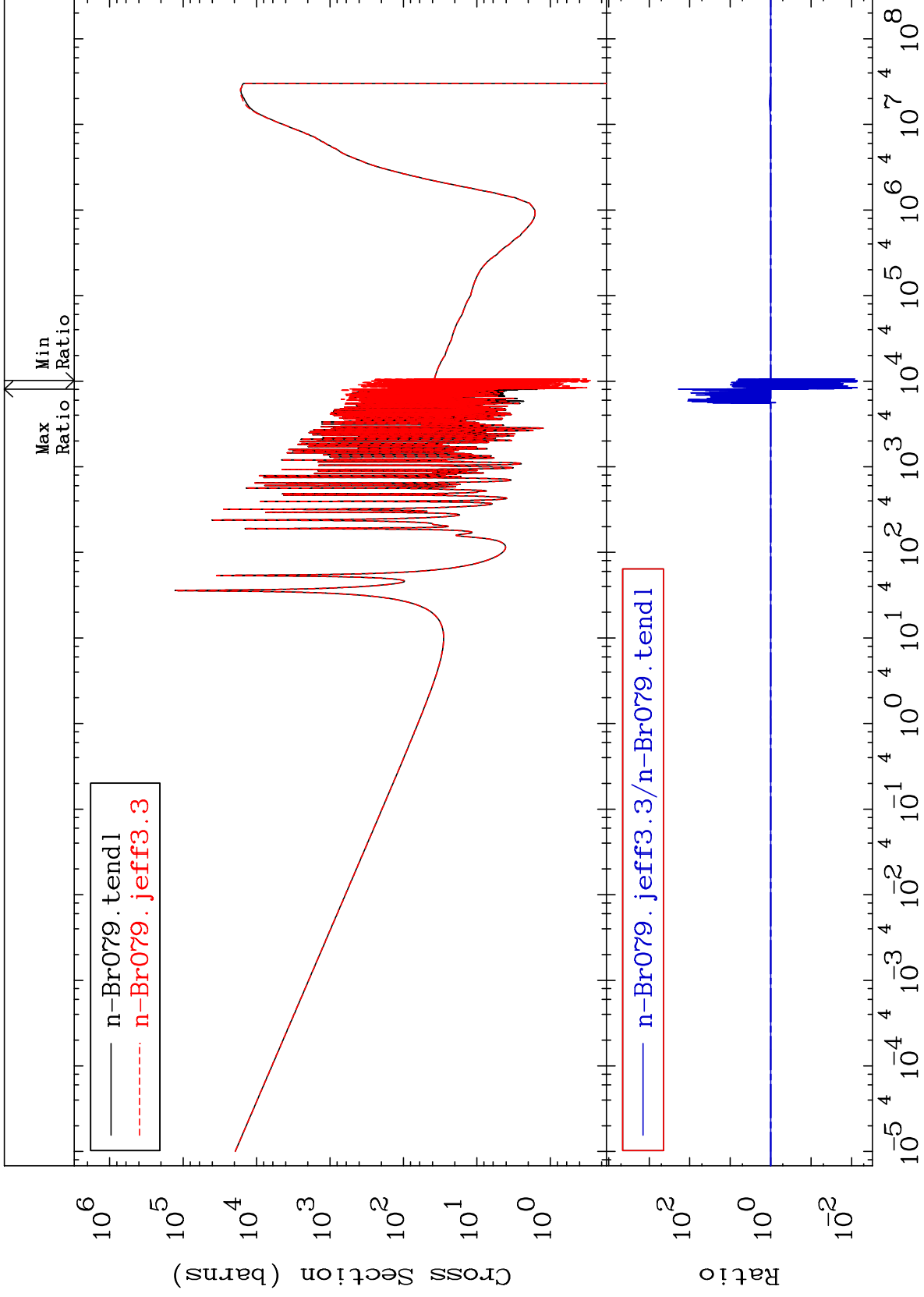


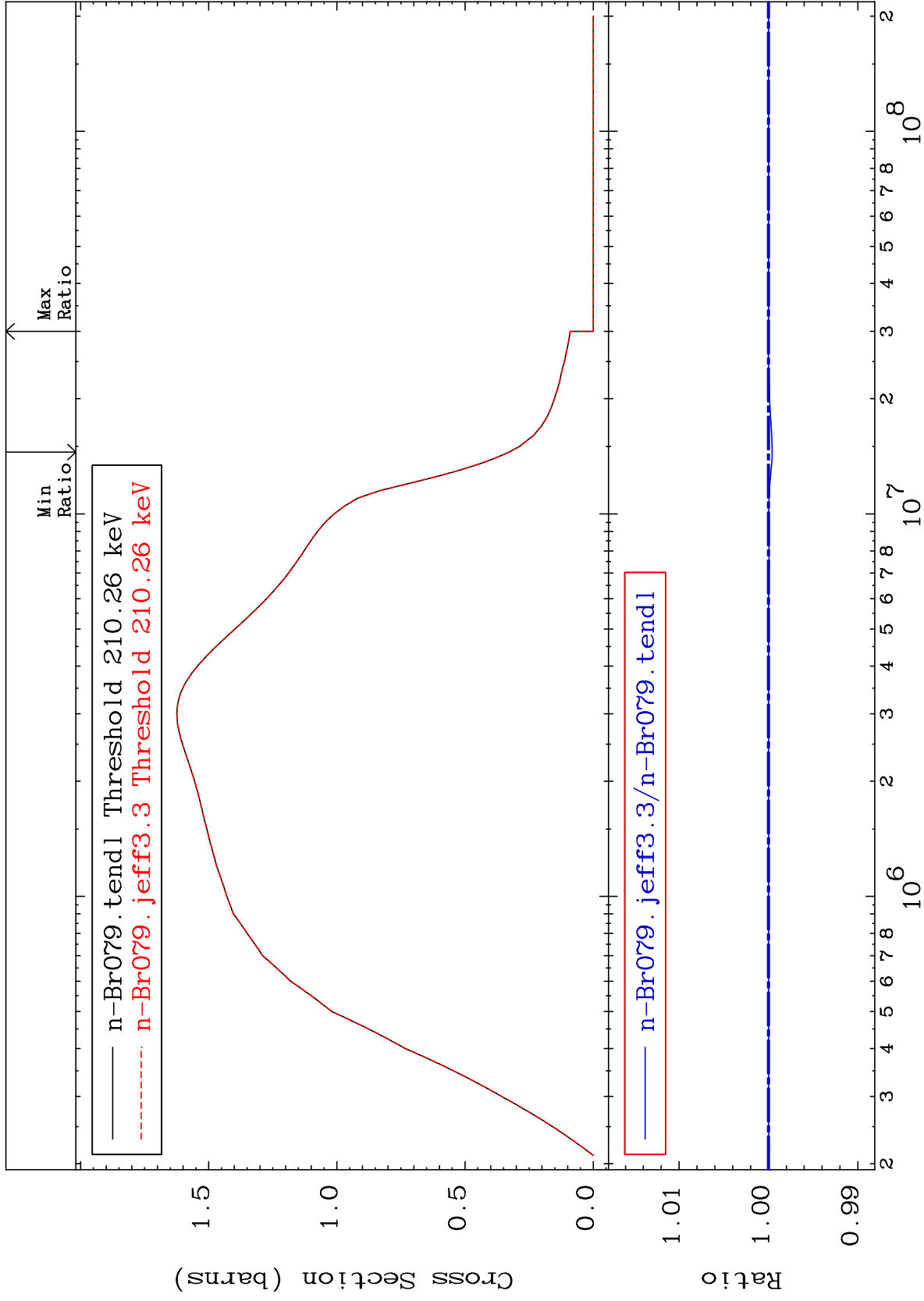


-0.059 To 0.000 %

Cross Section





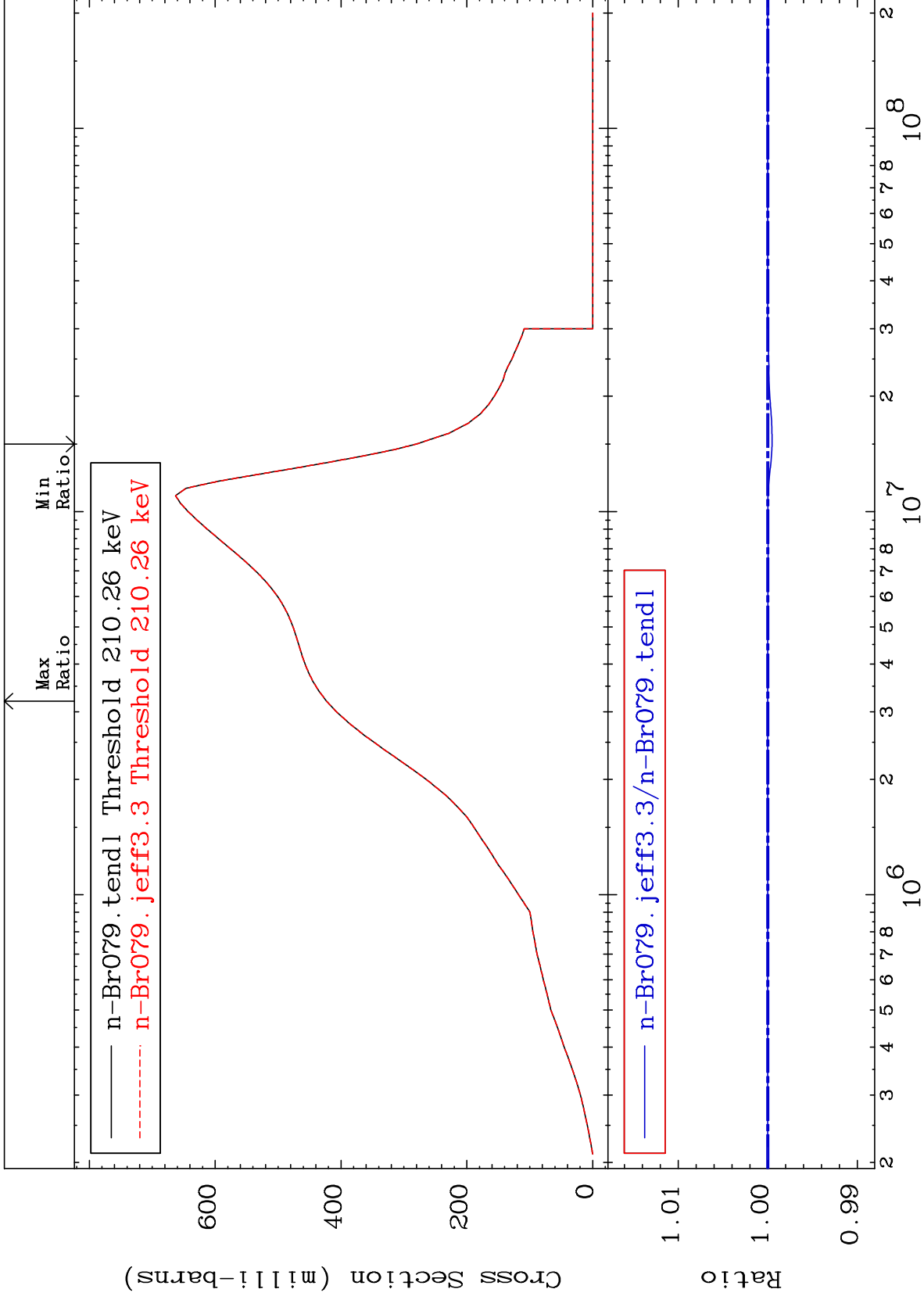


MAT 3525

Inelastic: 35-Br-79m1

35-Br-79

Radionuclide Production Cross Section -0.048 To 0.000 %



69

Incident Energy (eV)

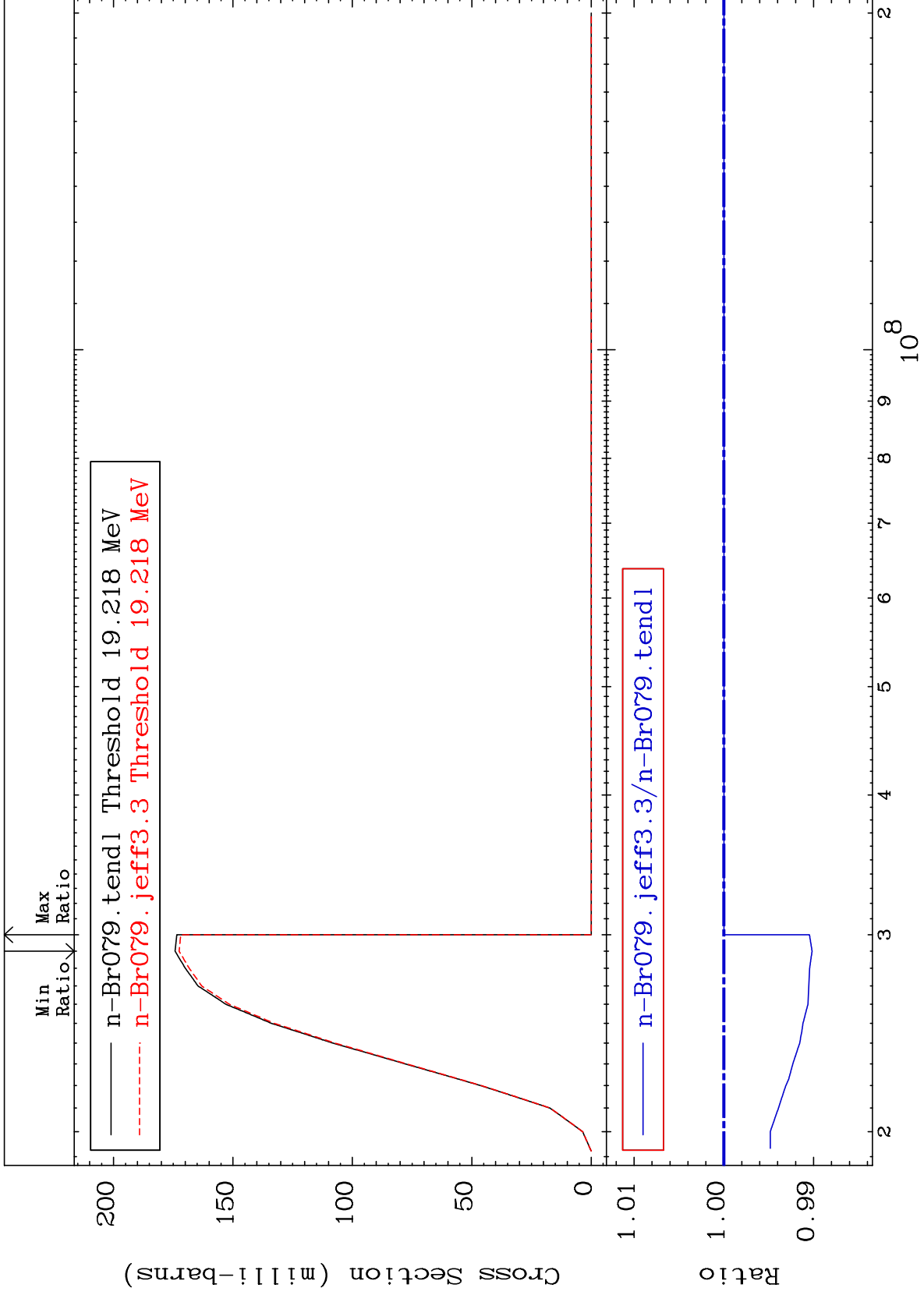
35-Br-79

MAT 3525

(n,3n) : 35-Br-77g

35-Br-79

Radionuclide Production Cross Section -0.983 To 0.000 %



70

Incident Energy (eV)

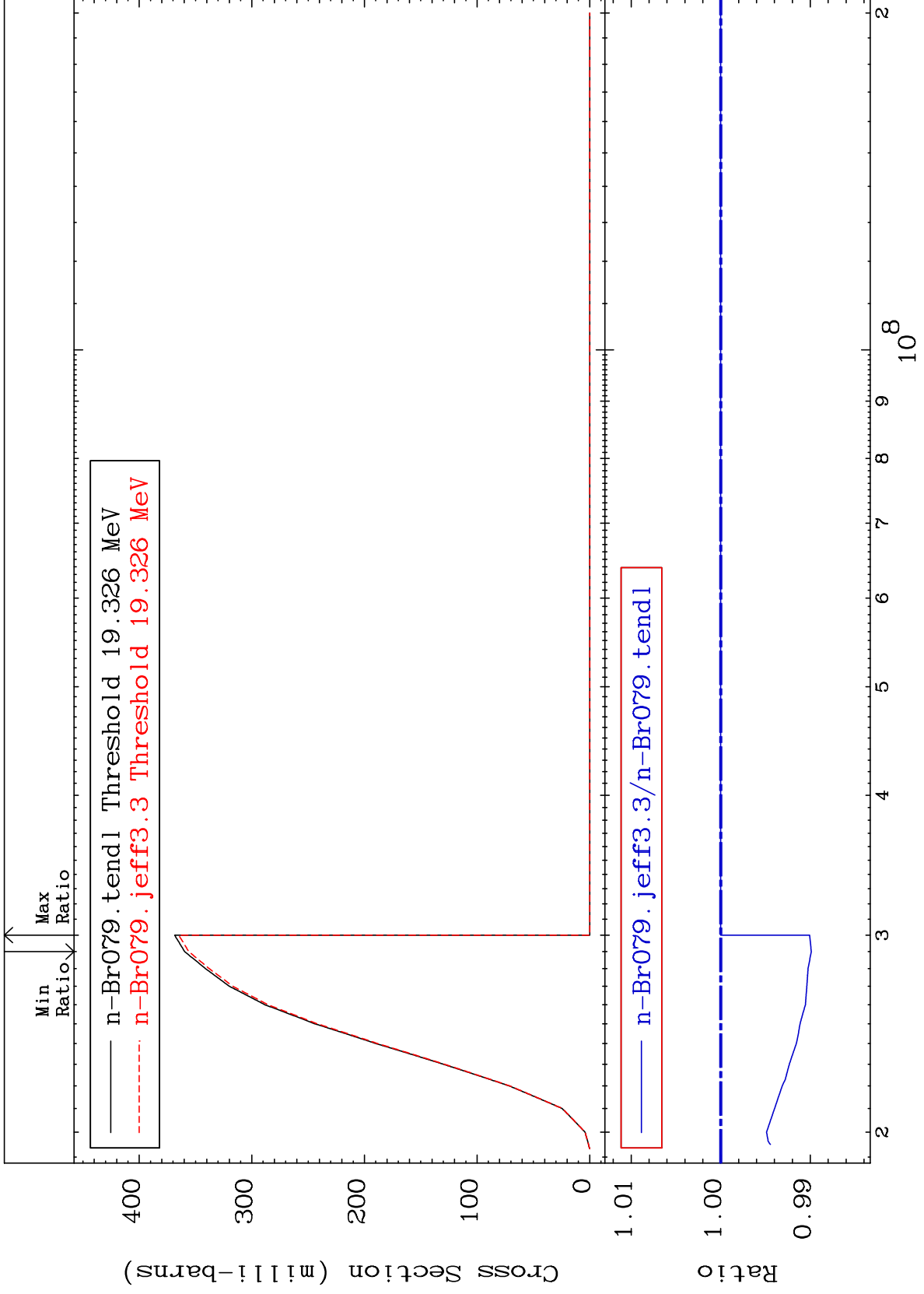
35-Br-79

MAT 3525

(n,3n):35-Br-77m1

35-Br-79

Radionuclide Production Cross Section -1.011 To 0.000 %

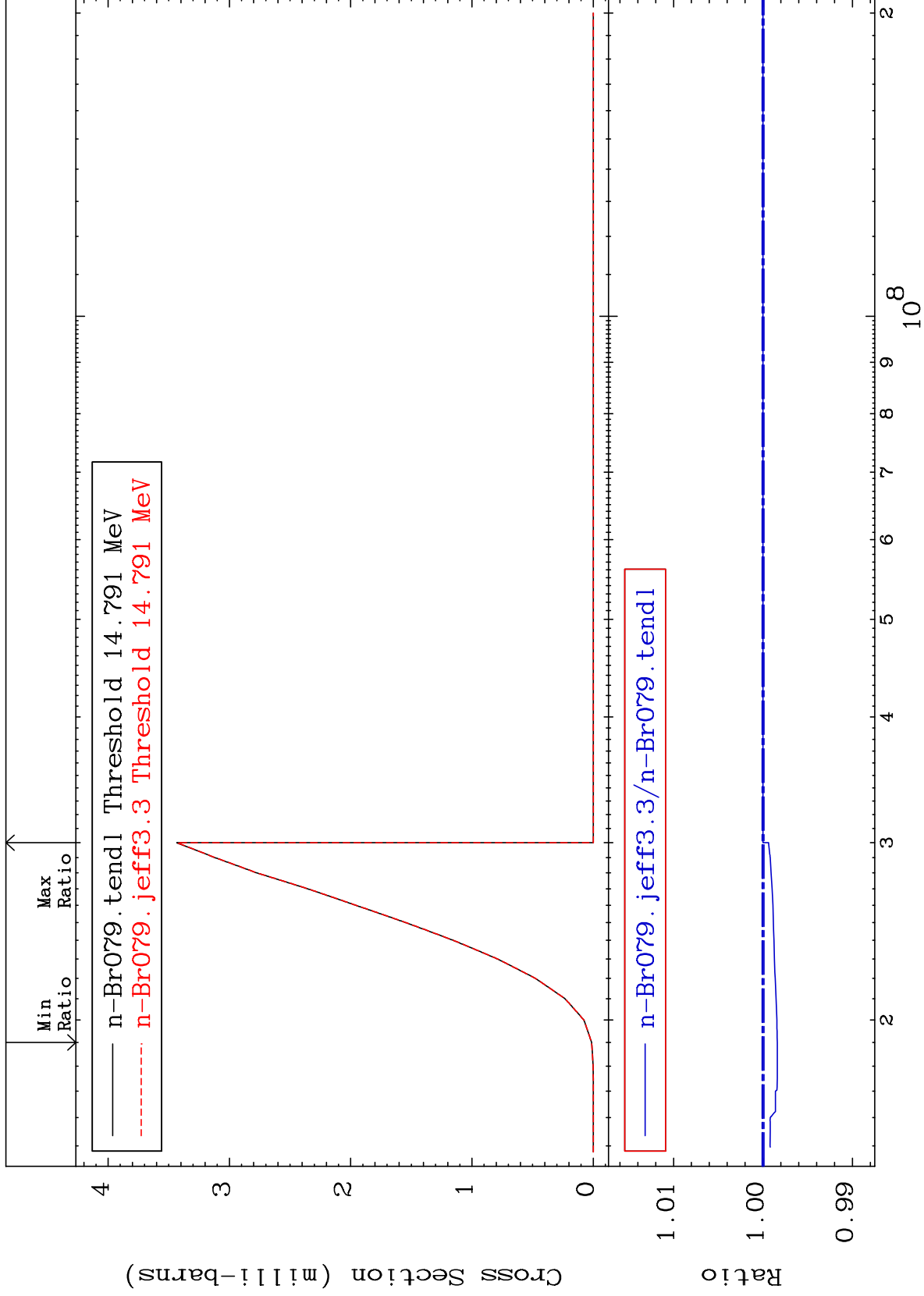


71

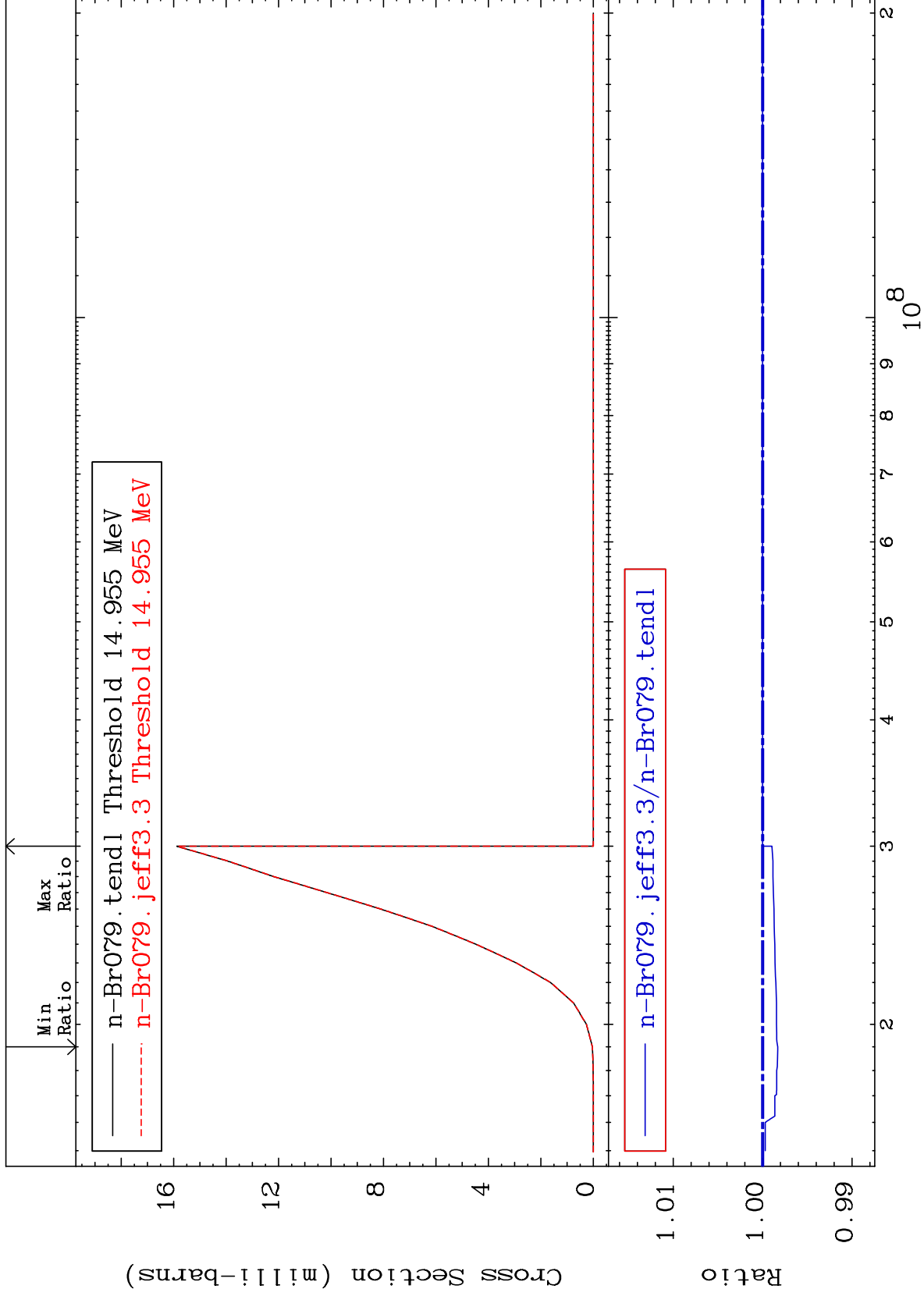
Incident Energy (eV)

35-Br-79

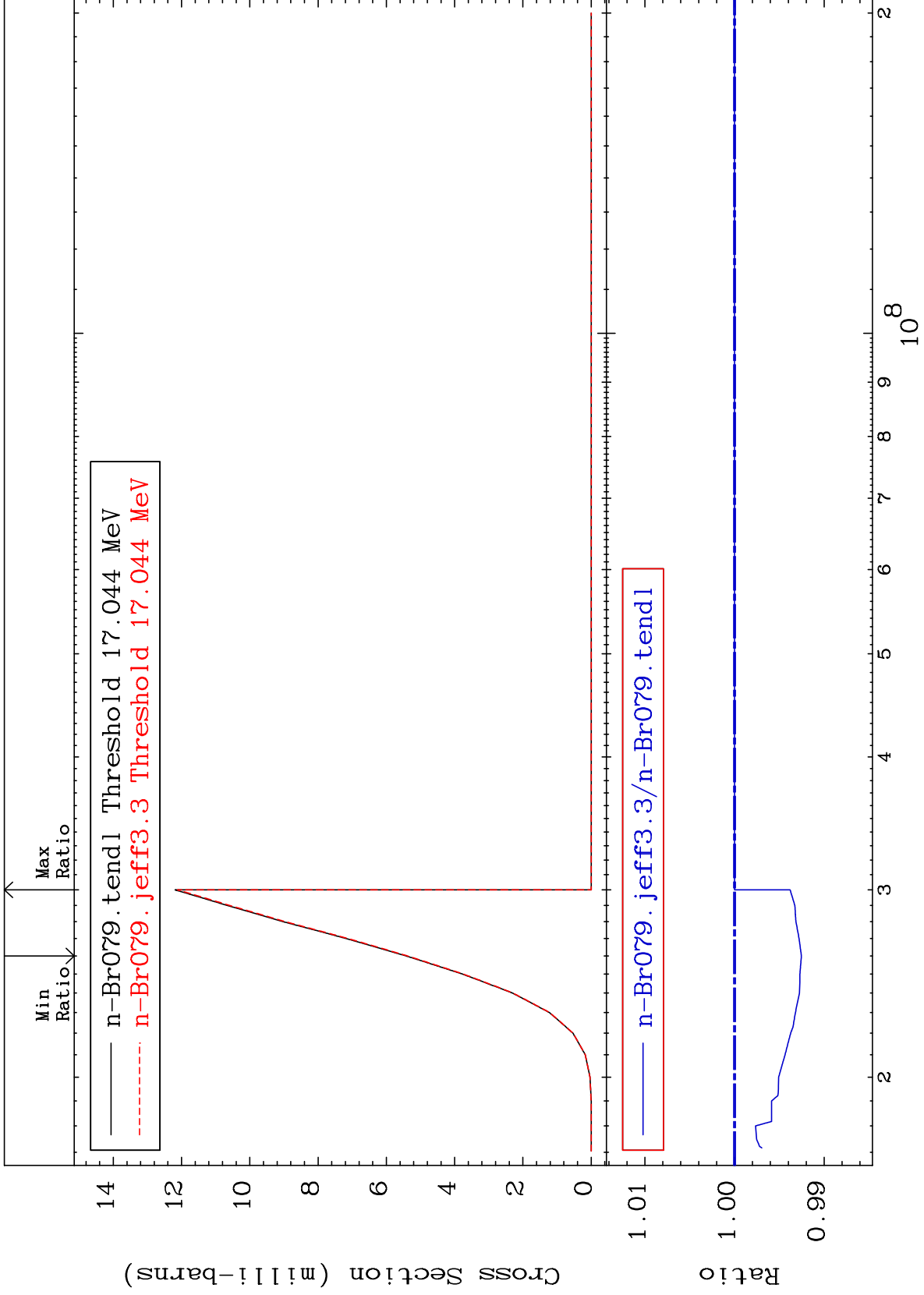
Radionuclide Production Cross Section -0.160 To 0.000 %



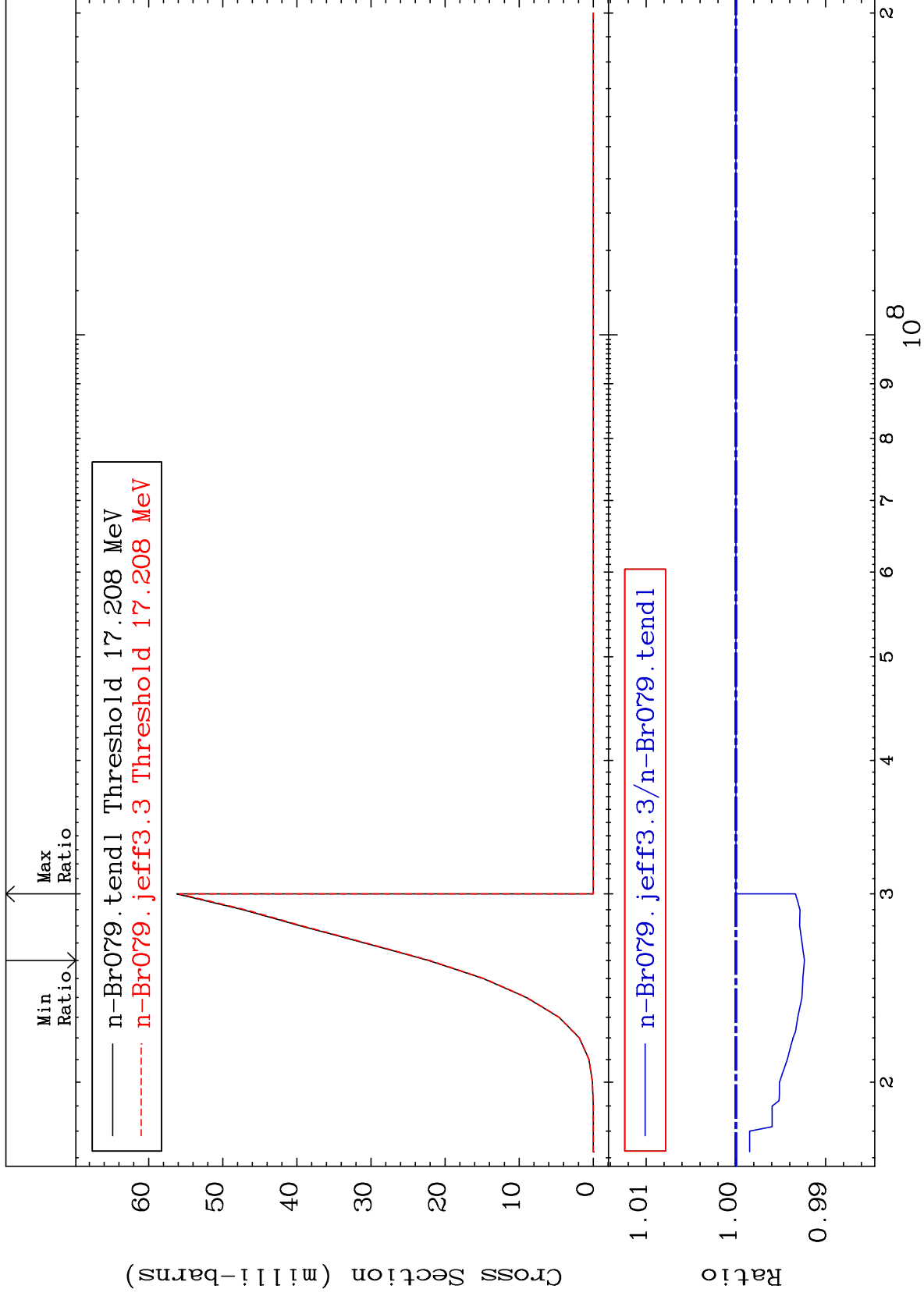
Radionuclide Production Cross Section -0.168 To 0.000 %



Radionuclide Production Cross Section -0.746 To 0.000 %



Radionuclide Production Cross Section -0.764 To 0.000 %

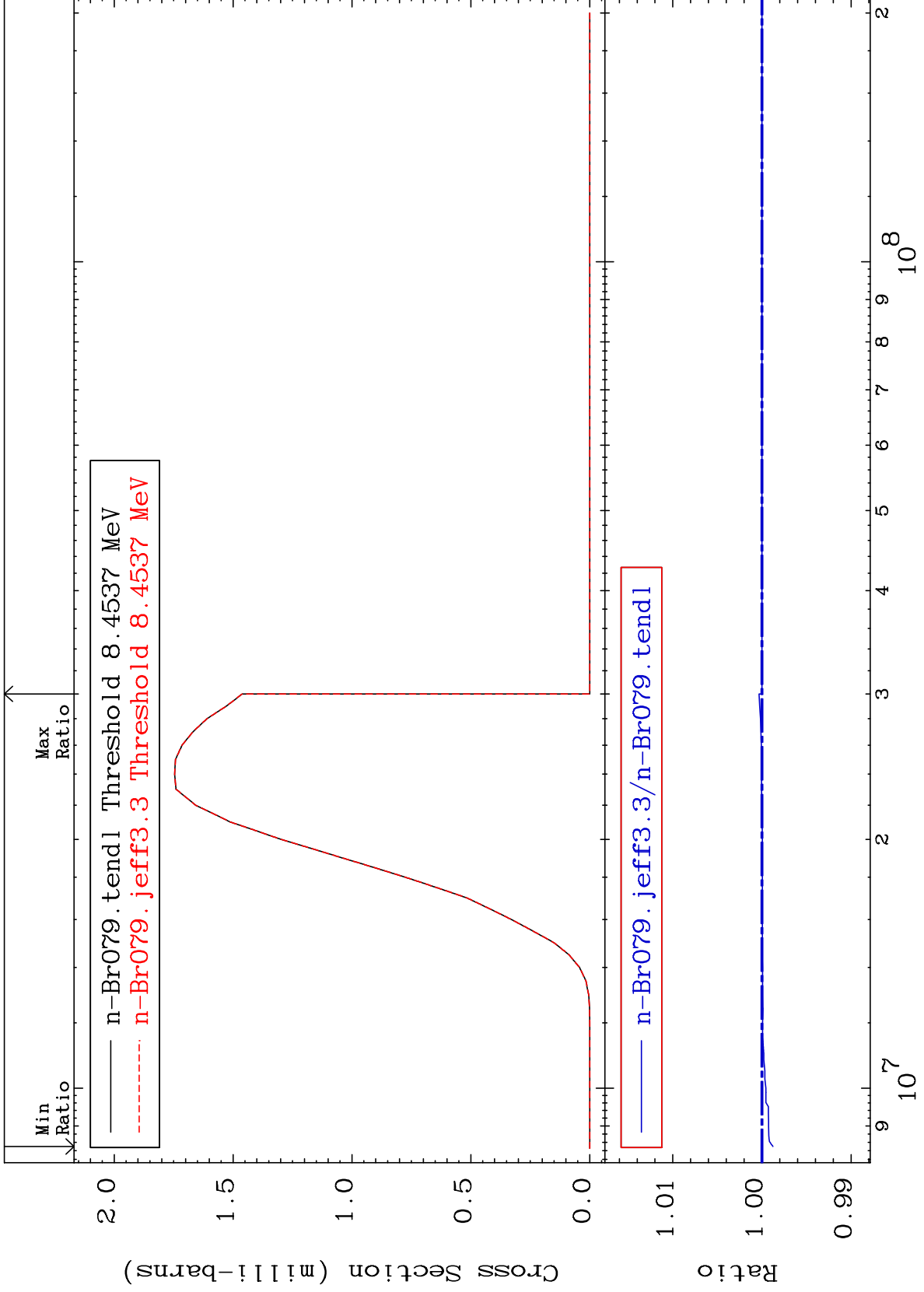


MAT 3525

(n, t):34-Se-77g

35-Br-79

Radionuclide Production Cross Section -0.124 To 0.032 %

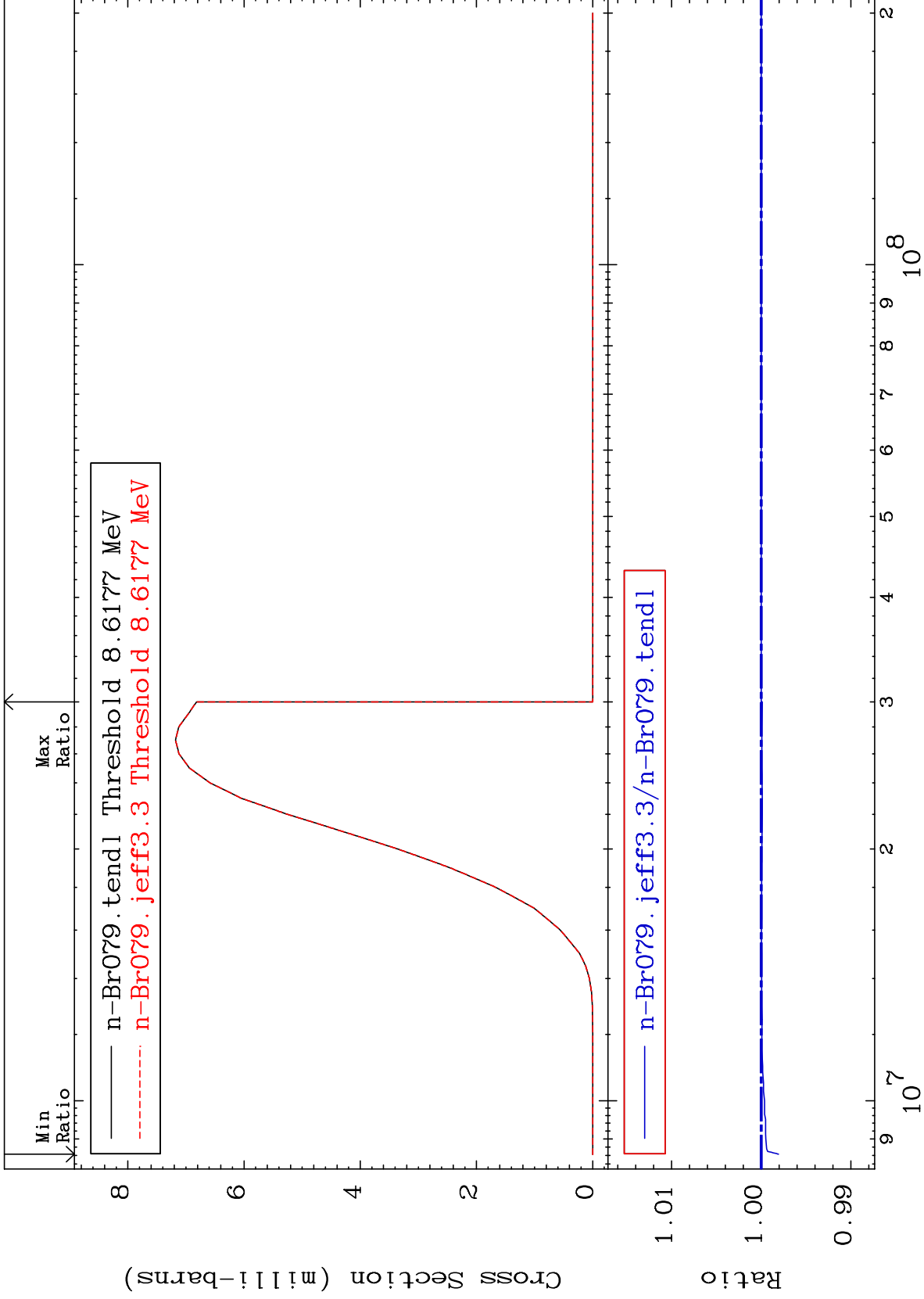


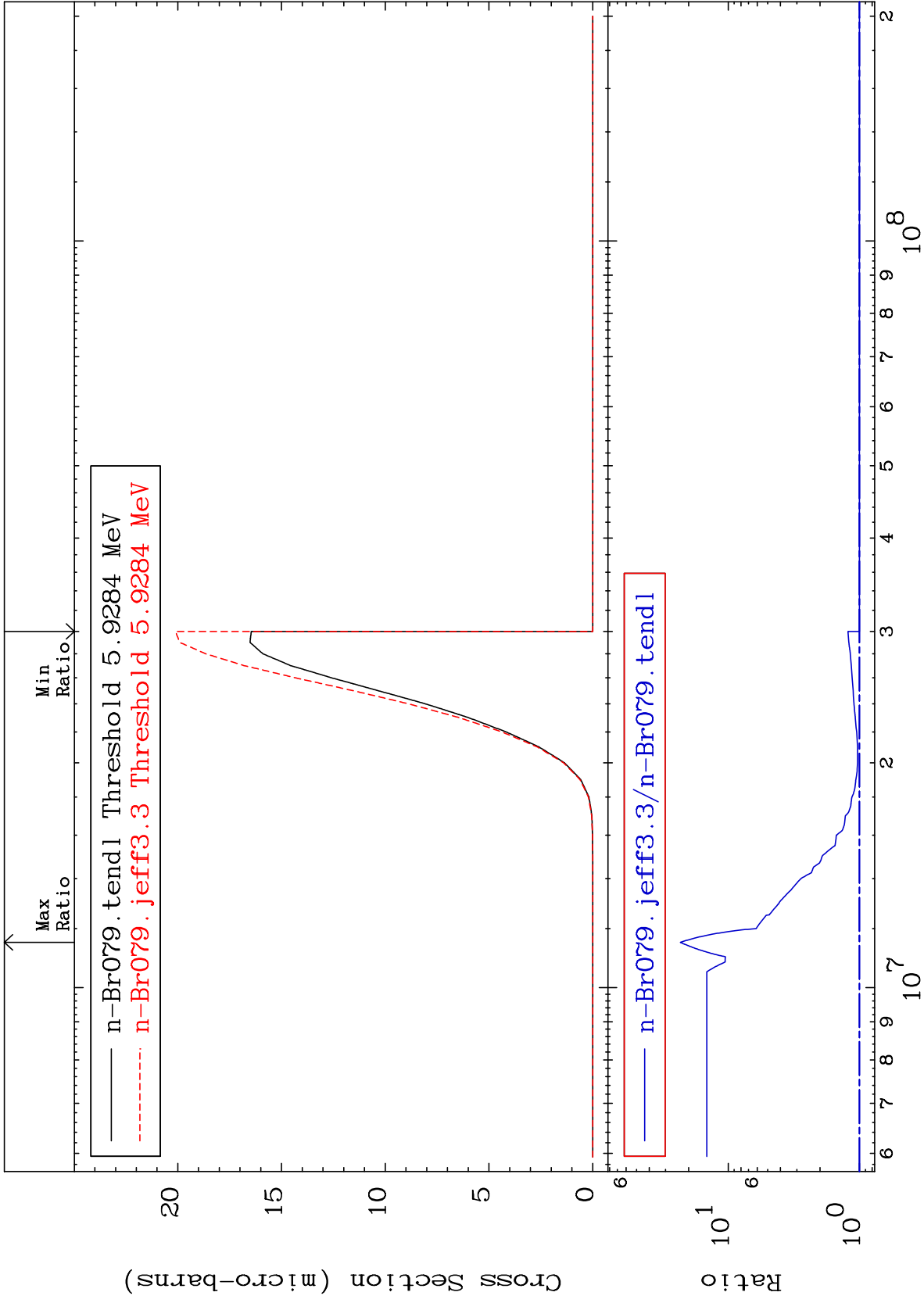
76

Incident Energy (eV)

35-Br-79

Radionuclide Production Cross Section -0.193 To 0.000 %



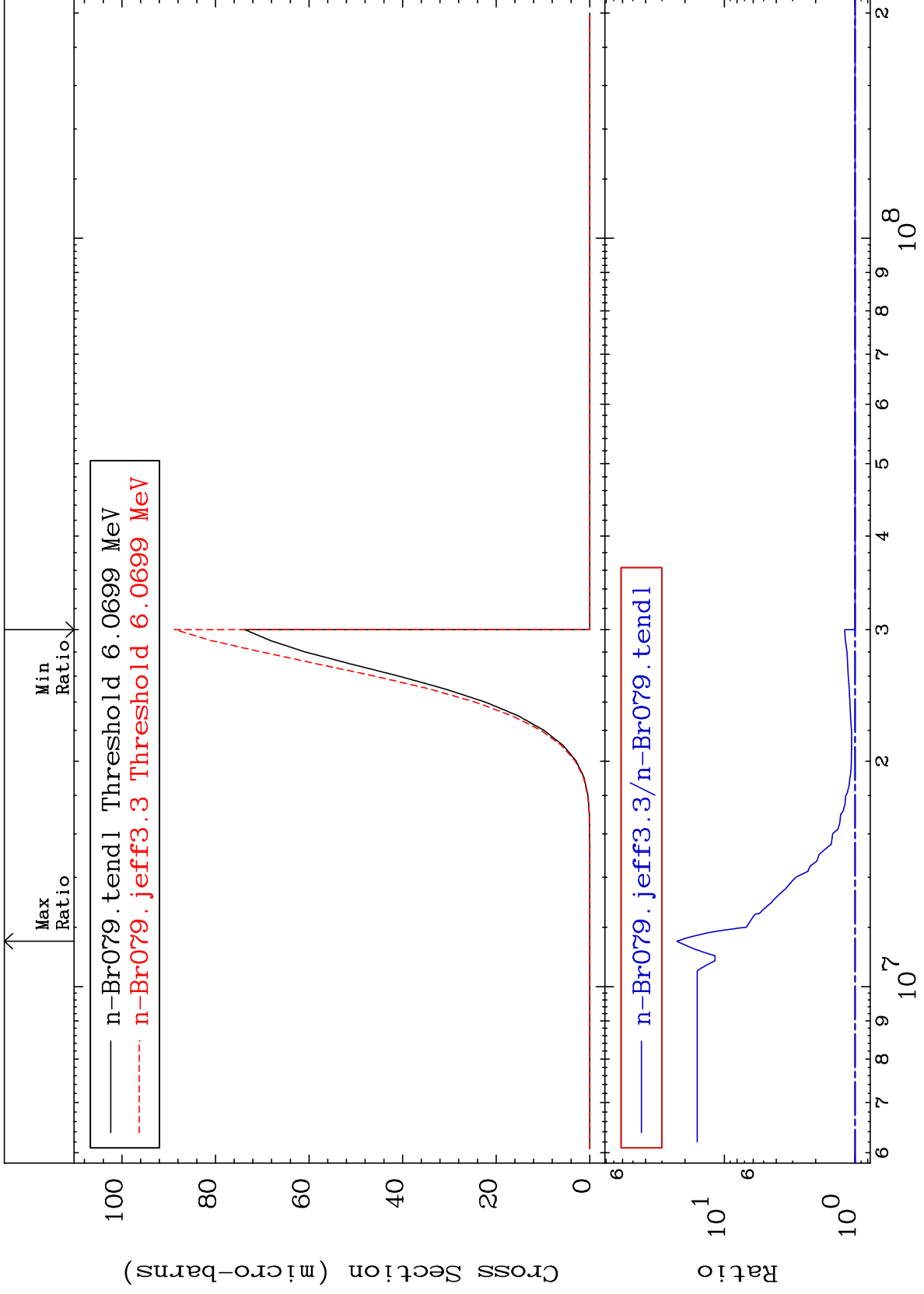


MAT 3525

(n, p) α : 32-Ge-75m2

35-Br-79

Radionuclide Production Cross Section 0.000 To 2203. %



— n-Br079.tendl Threshold 6.0699 MeV
- - - n-Br079.jeff3.3 Threshold 6.0699 MeV

— n-Br079.jeff3.3/n-Br079.tendl

79

Incident Energy (eV)

35-Br-79