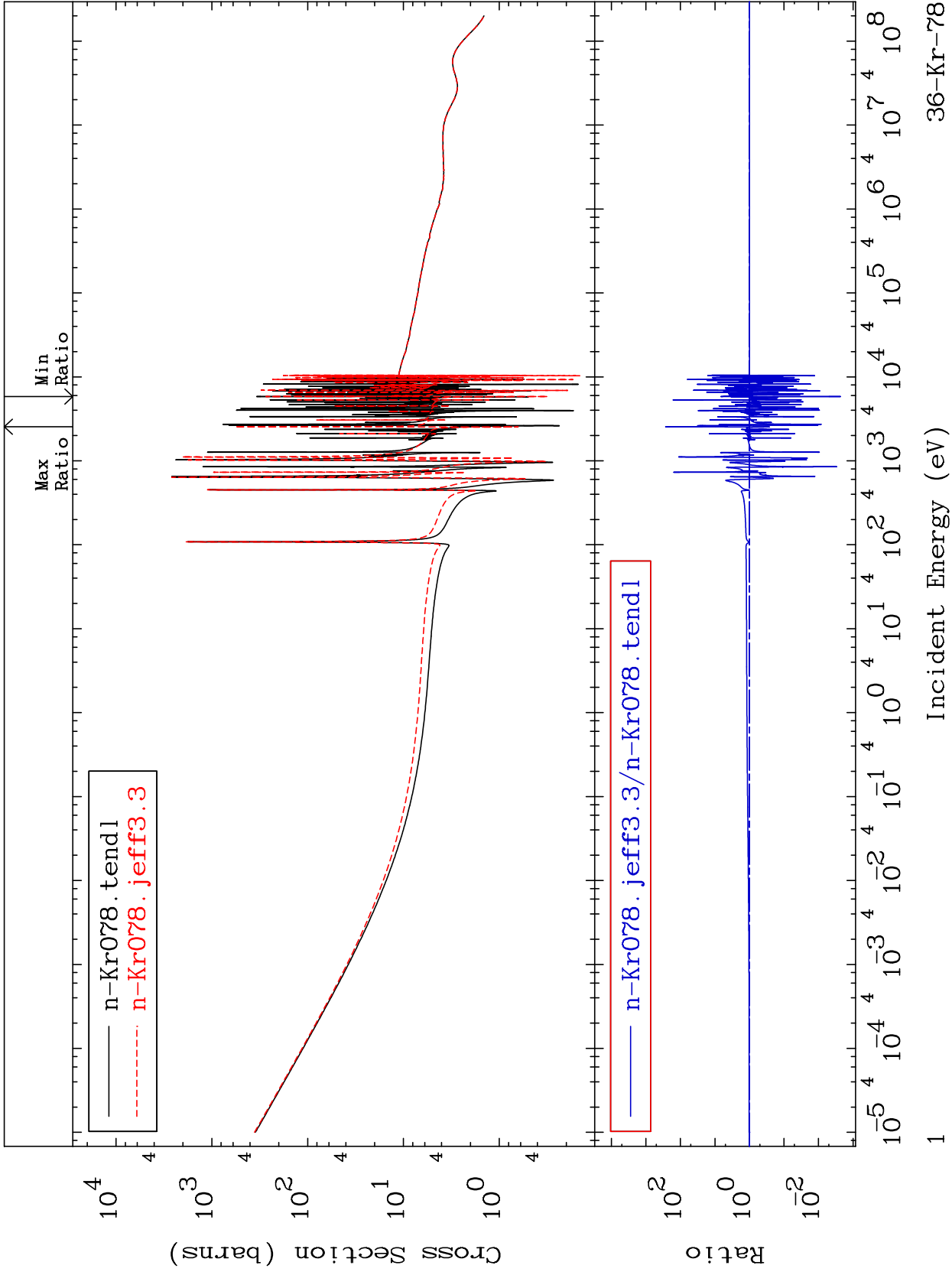


MAT 3625

Total Cross Section
36-Kr-78
-99.77 To 9999. %

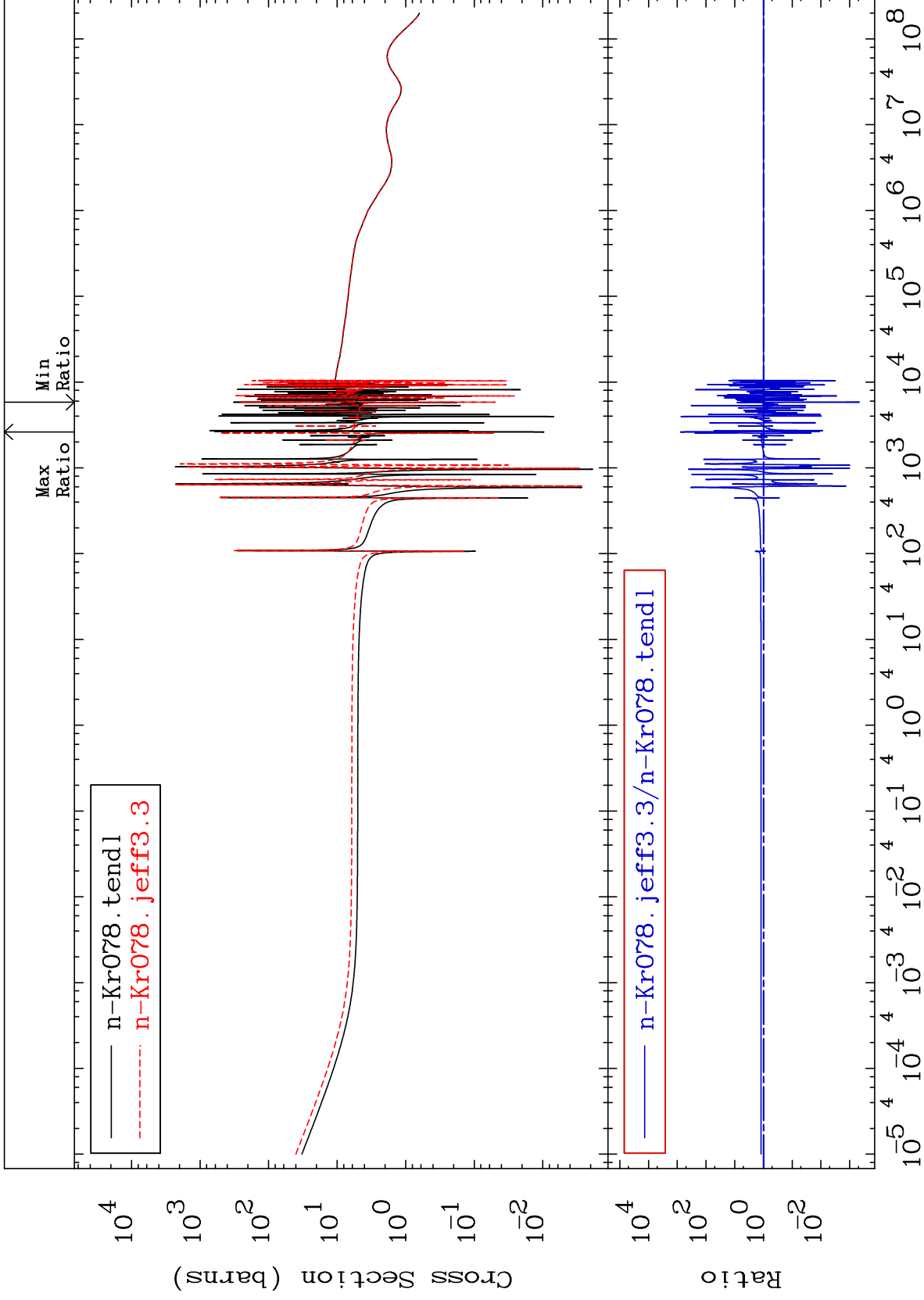


36-Kr-78

MAT 3625

Elastic
Cross Section

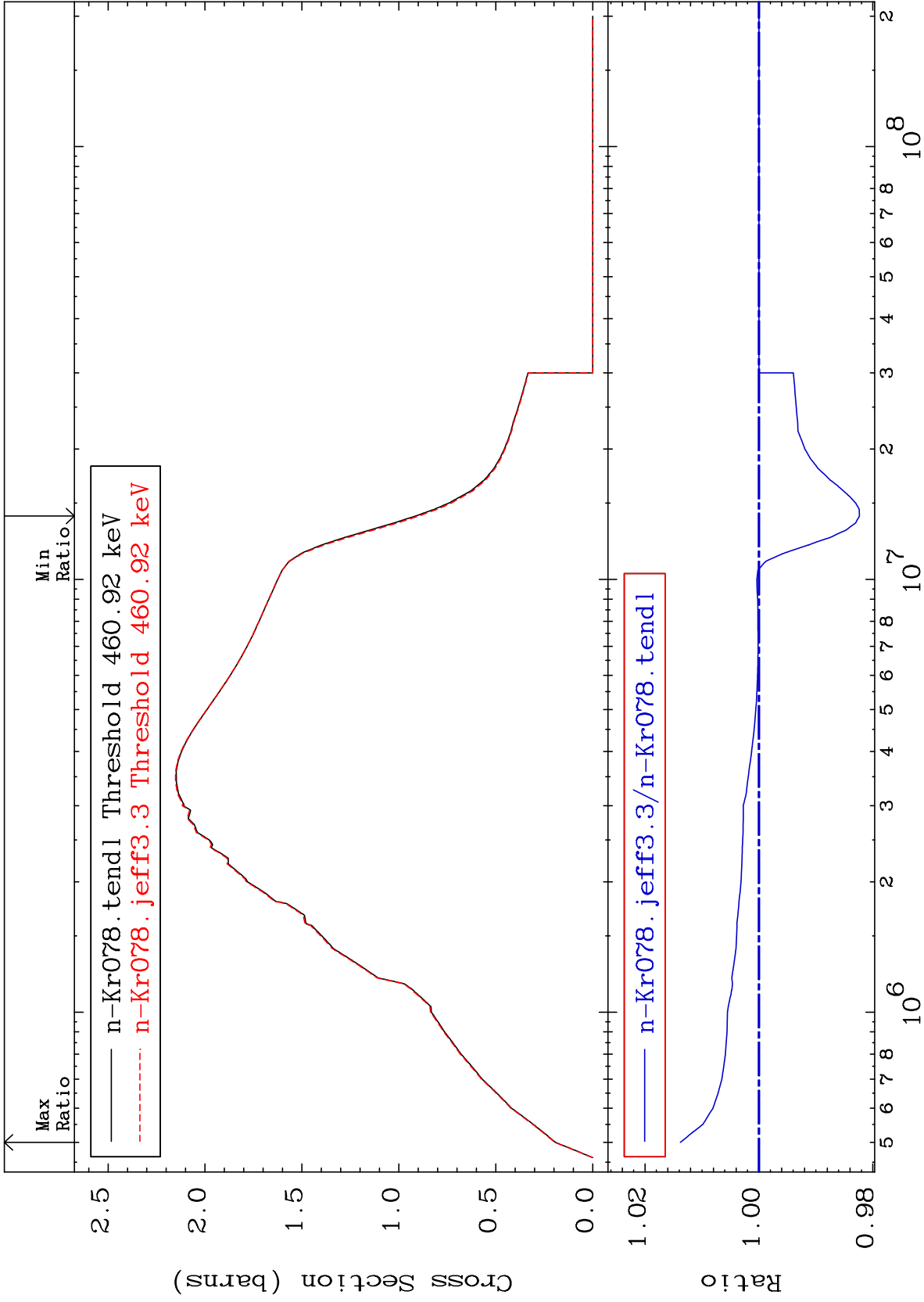
36-Kr-78
-99.95 To 9999. %



MAT 3625

Inelastic
Cross Section

³⁶Kr-78
-1.765 To 1.380 %



3

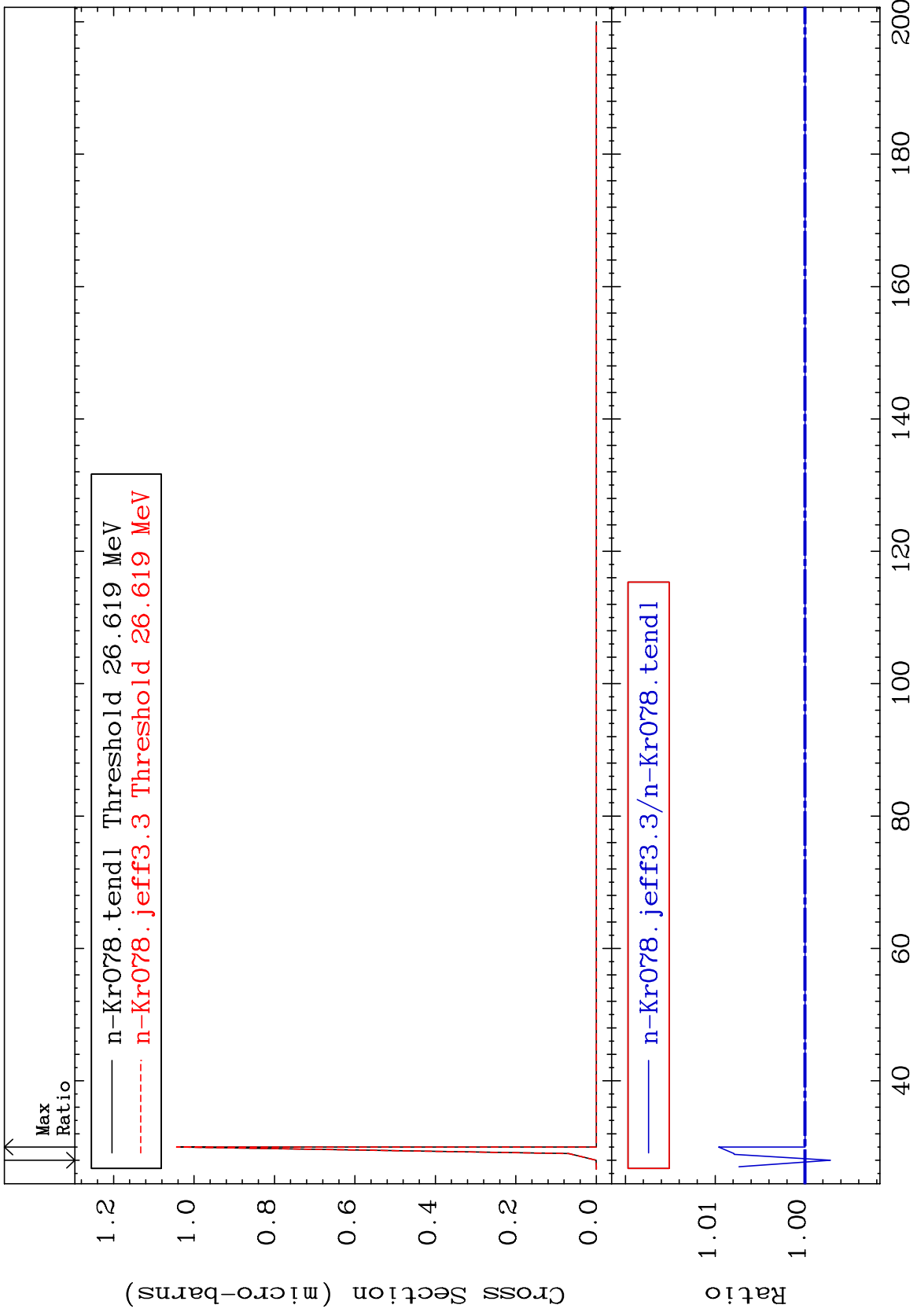
Incident Energy (eV)

³⁶Kr-78

MAT 3625

(n,2n) d
Cross Section

36-Kr-78
-0.284 To 0.962 %



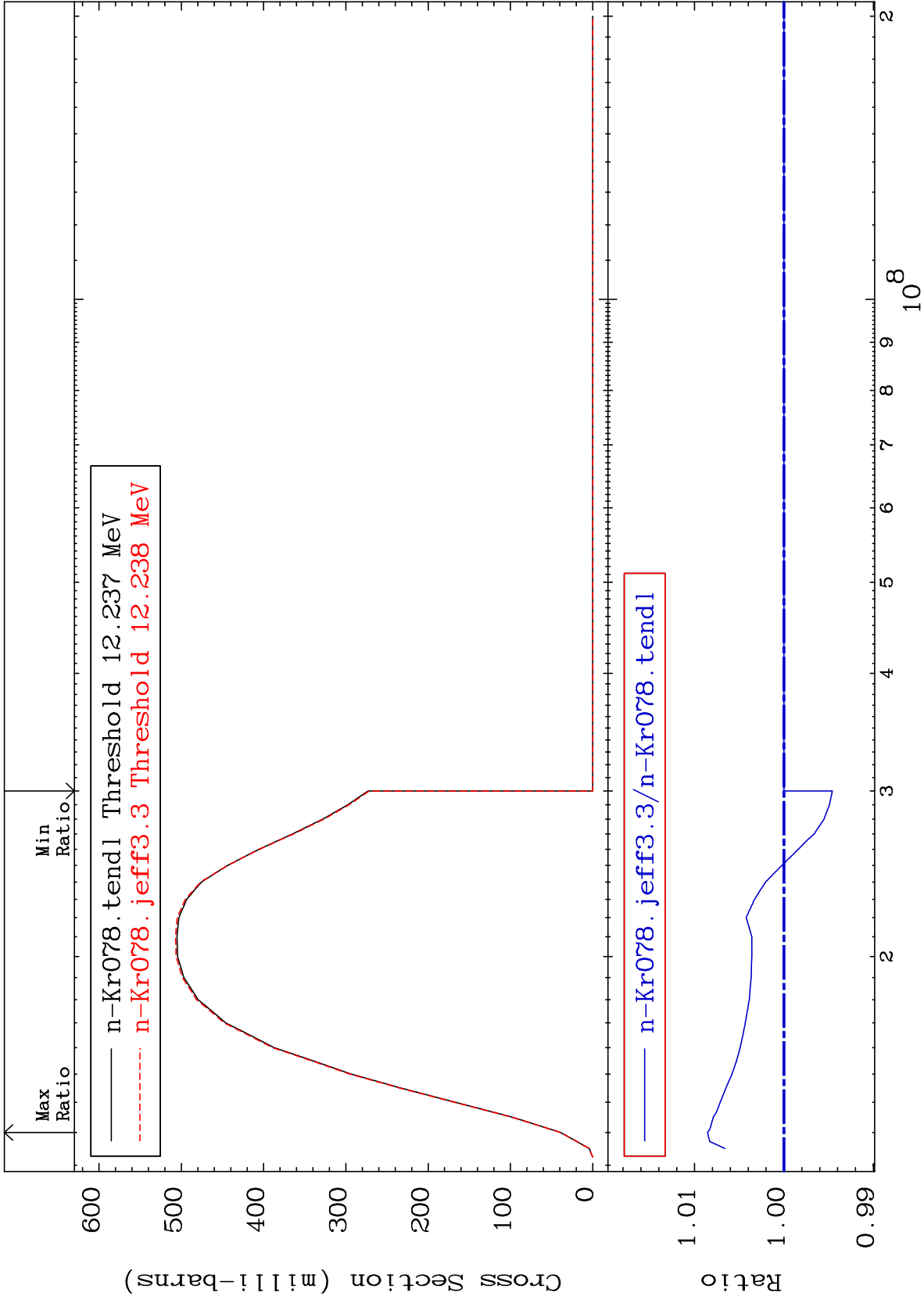
MAT 3625

(n,2n)

³⁶Kr-78

Cross Section

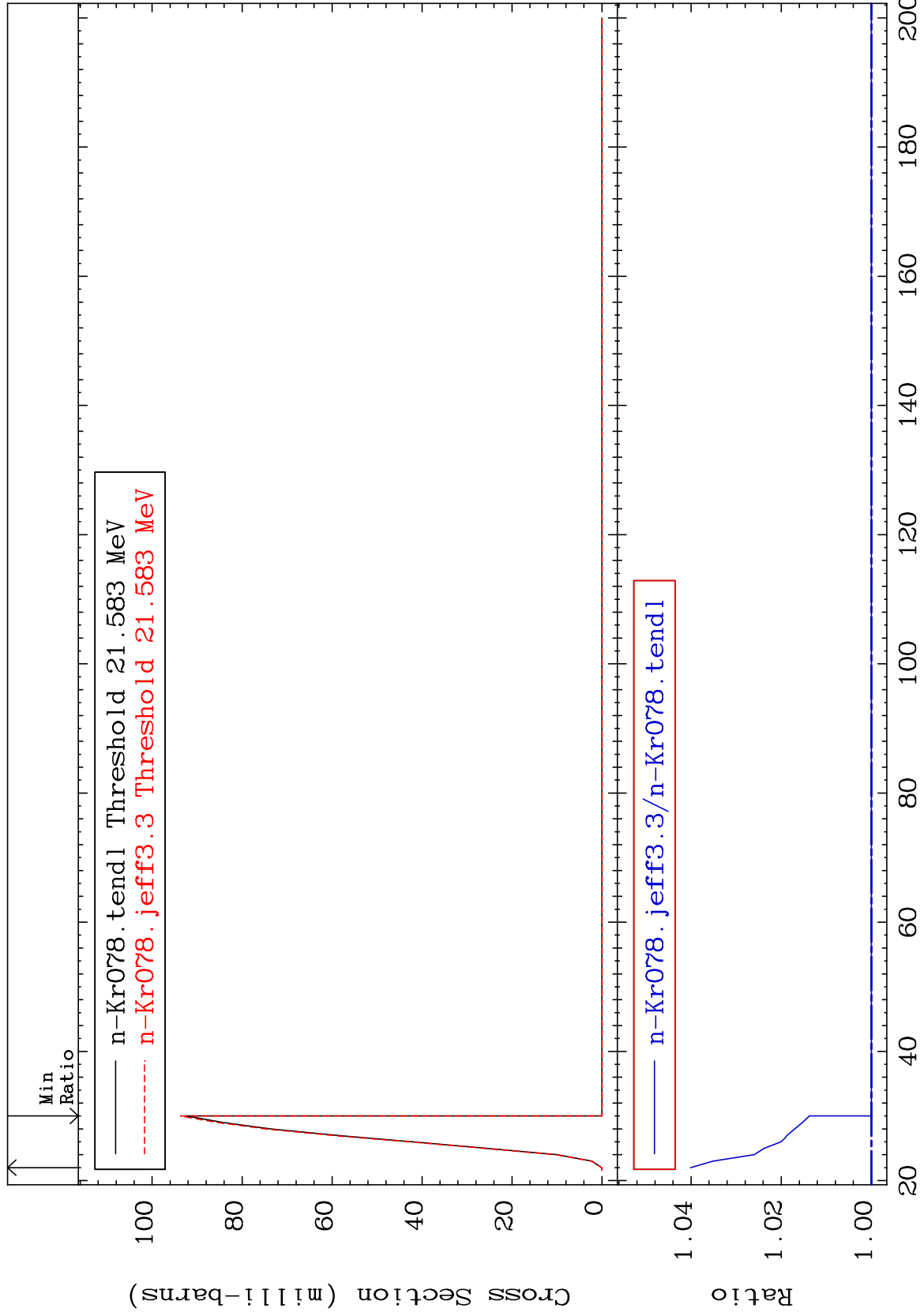
-0.540 To 0.855 %



MAT 3625

(n,3n)
Cross Section

³⁶Kr-78
0.000 To 4.012 %

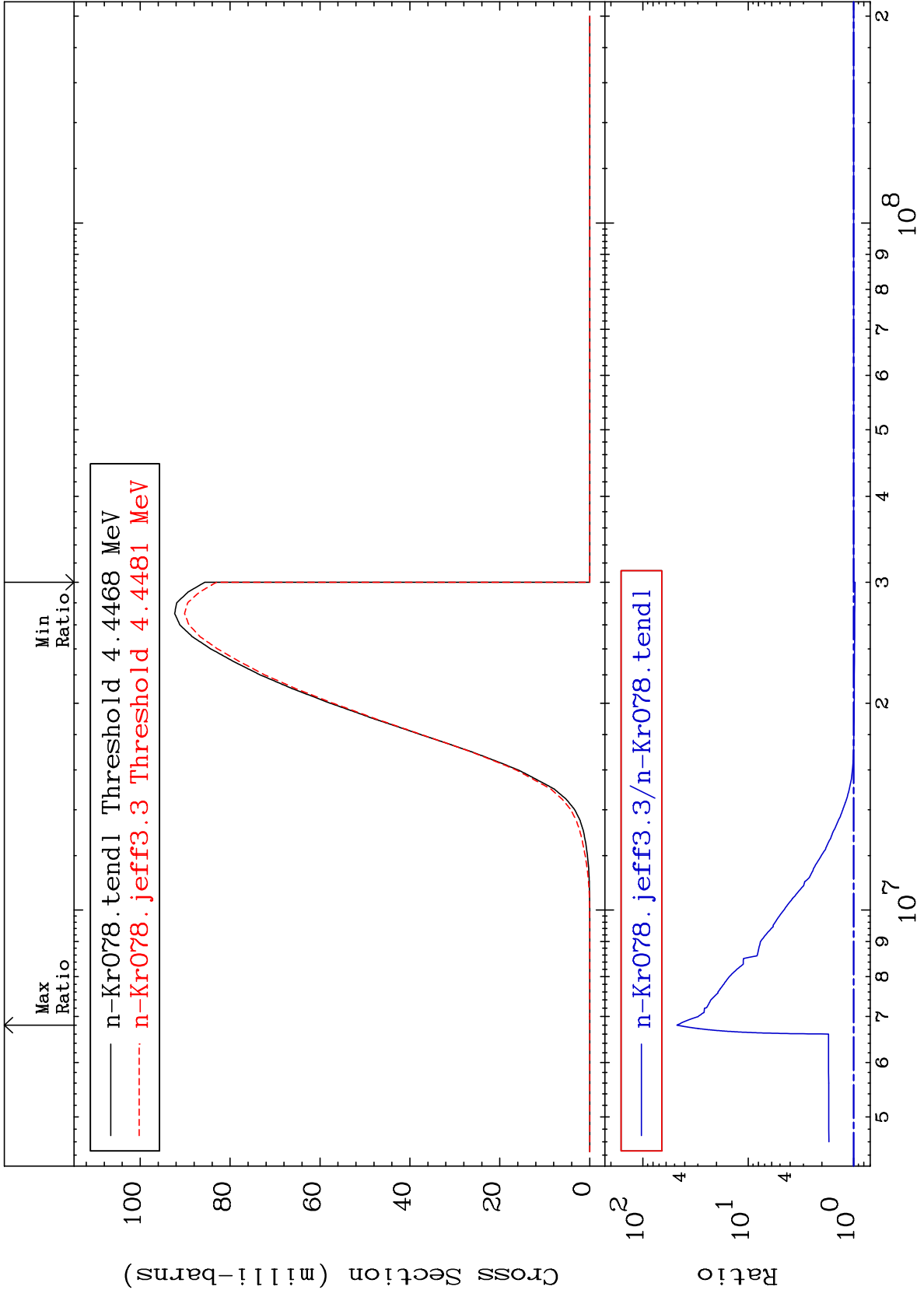


36-Kr-78

MAT 3625

(n,n') α
Cross Section

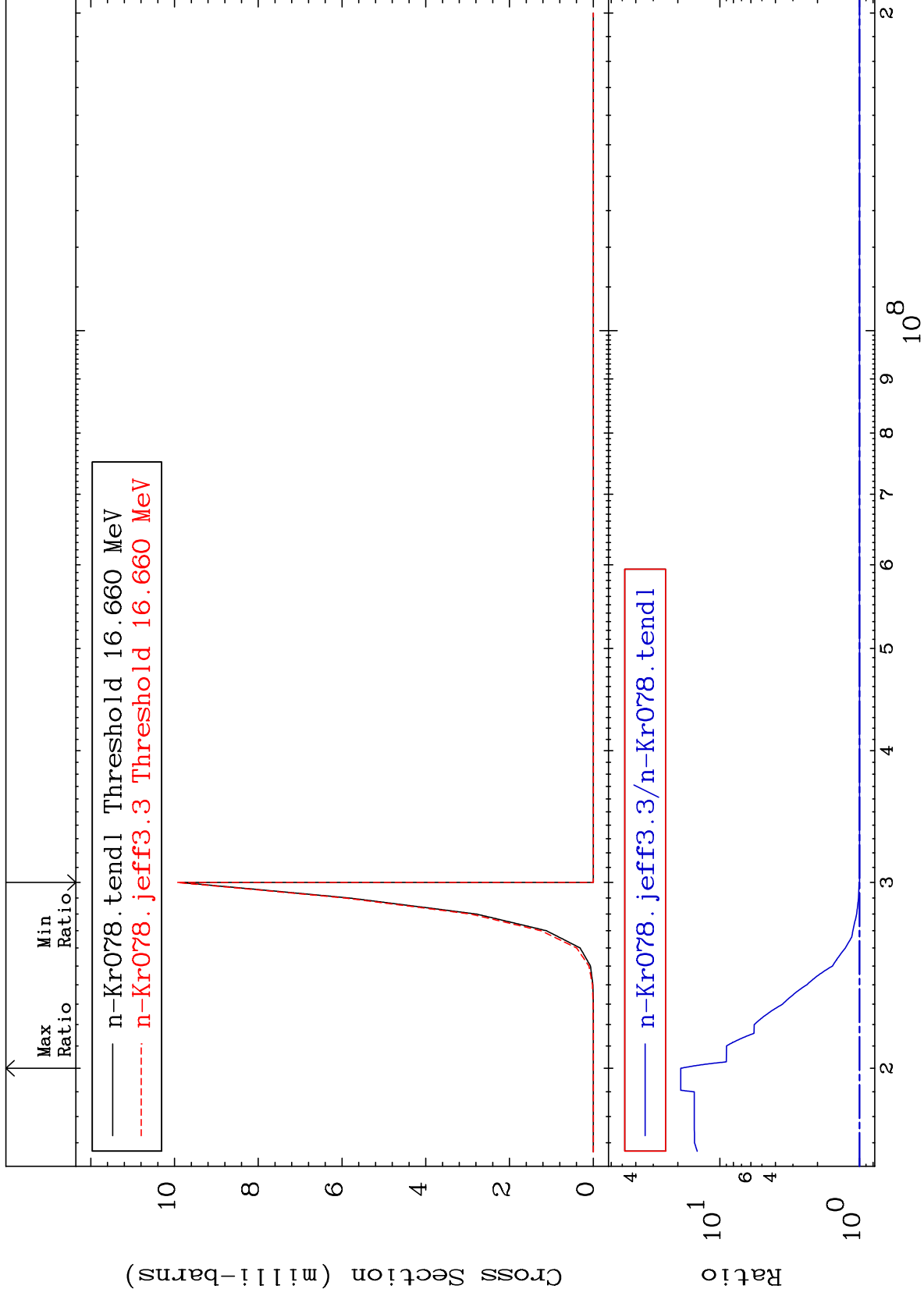
³⁶Kr-78
-3.088 To 4642. %



MAT 3625

(n,2n) α
Cross Section

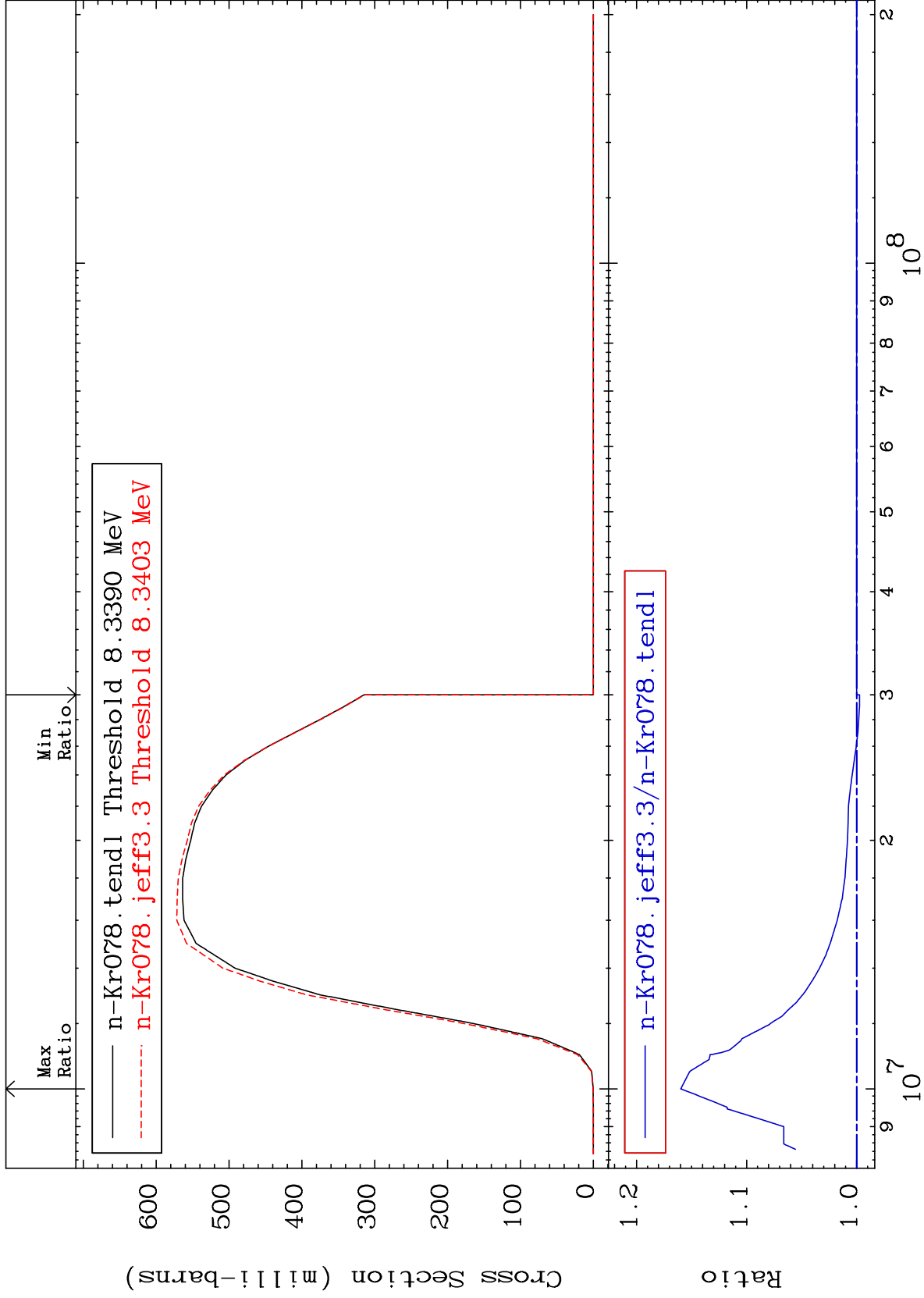
³⁶Kr-78
To 1806. %
0.000



MAT 3625

(n,n') p
Cross Section

³⁶Kr-78
-0.258 To 15.98 %



9

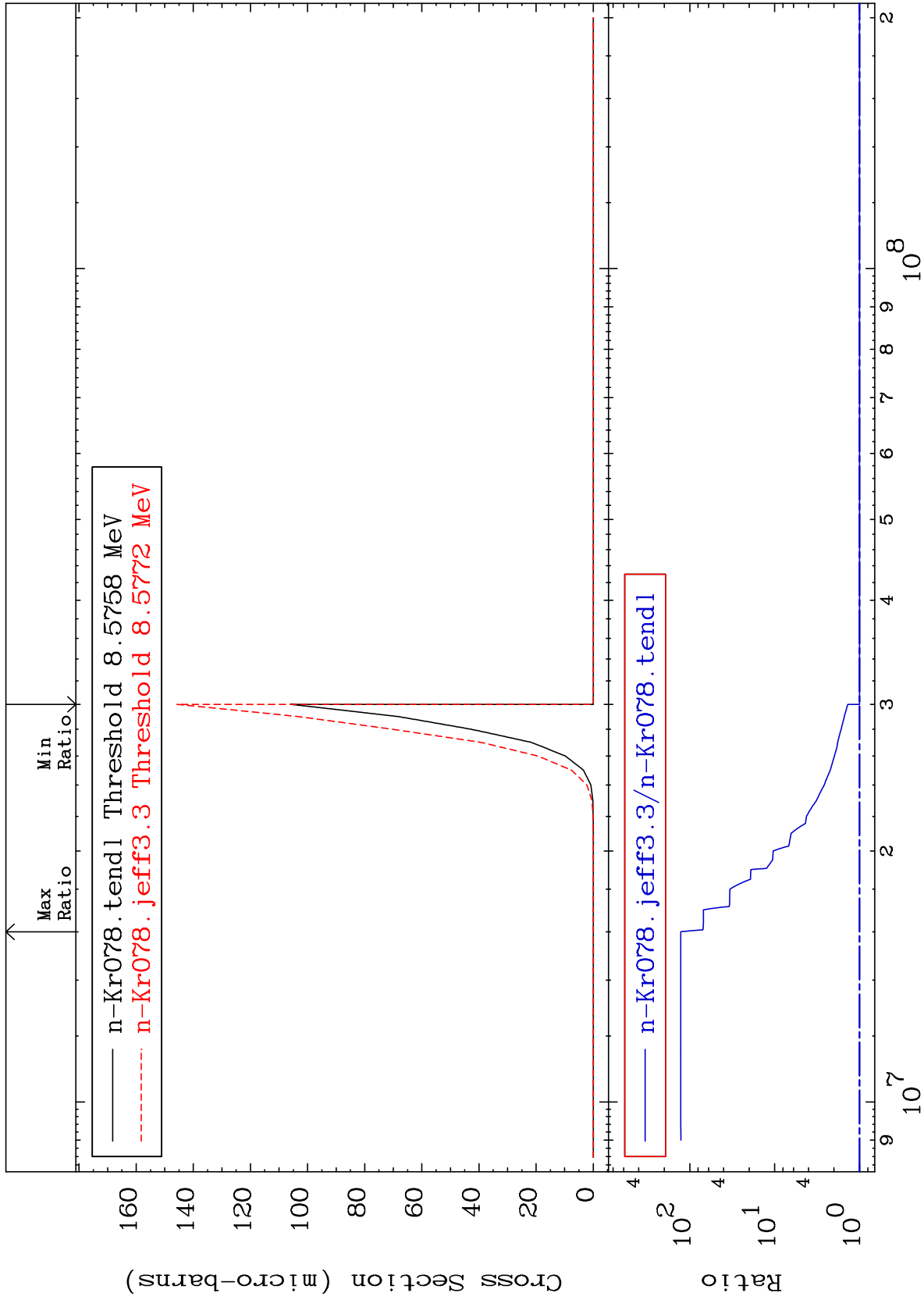
Incident Energy (eV)

³⁶Kr-78

MAT 3625

(n, n') 2α
Cross Section

36-Kr-78
To 9999. %
0.000



36-Kr-78

Incident Energy (eV)

10

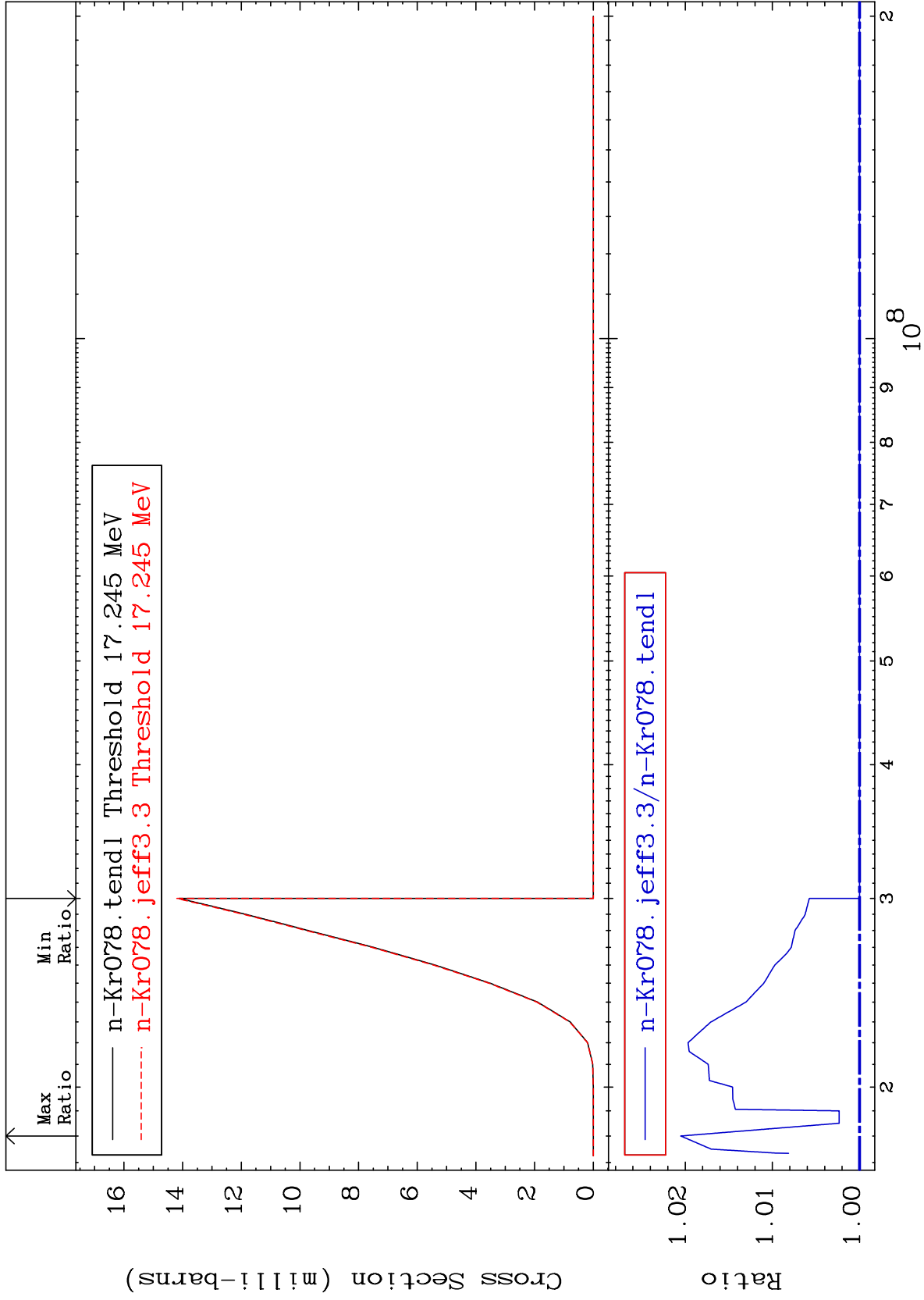
MAT 3625

(n,n') d

³⁶Kr-78

Cross Section

0.000 To 2.051 %



11

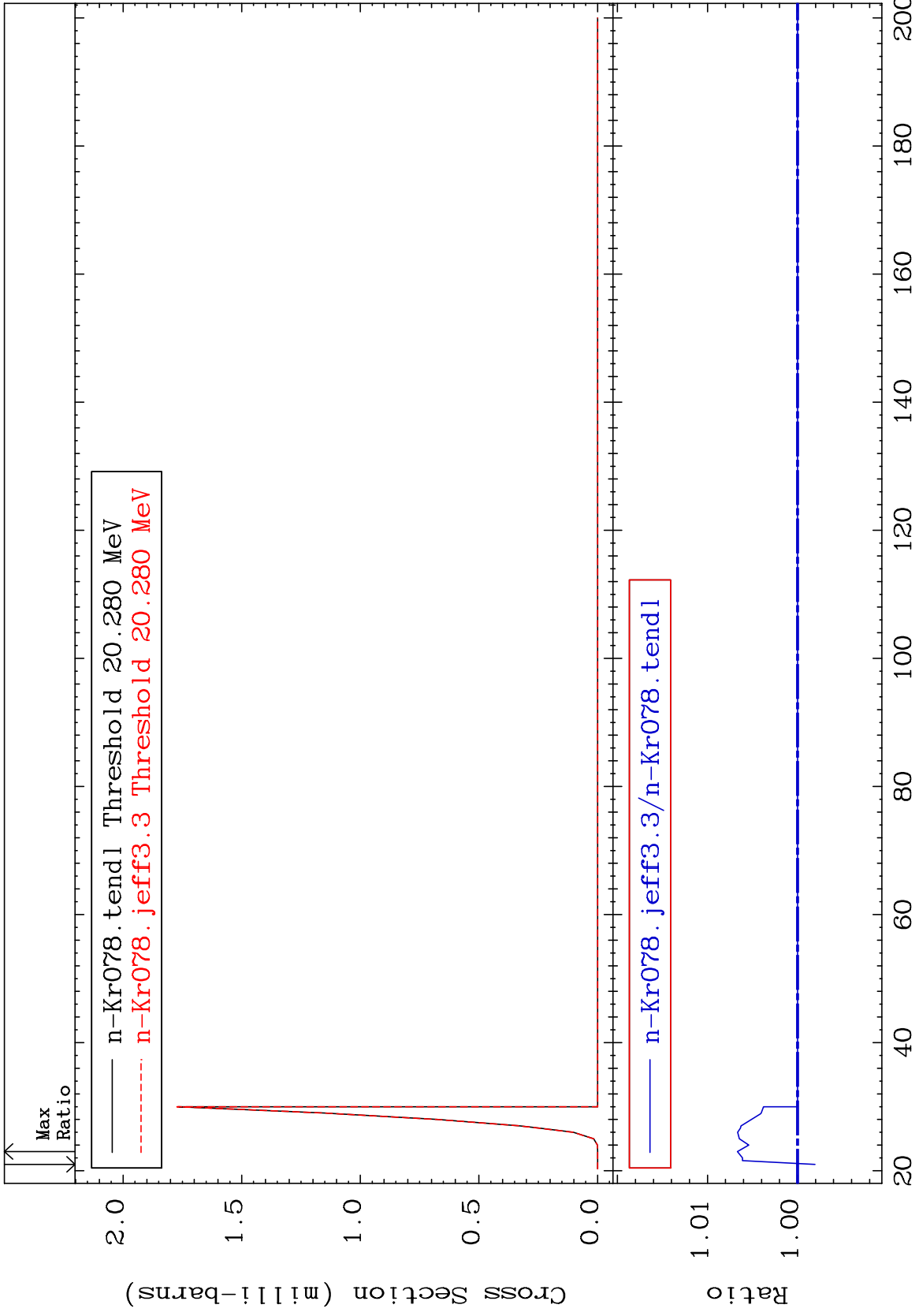
Incident Energy (eV)

³⁶Kr-78

MAT 3625

(n,n') t
Cross Section

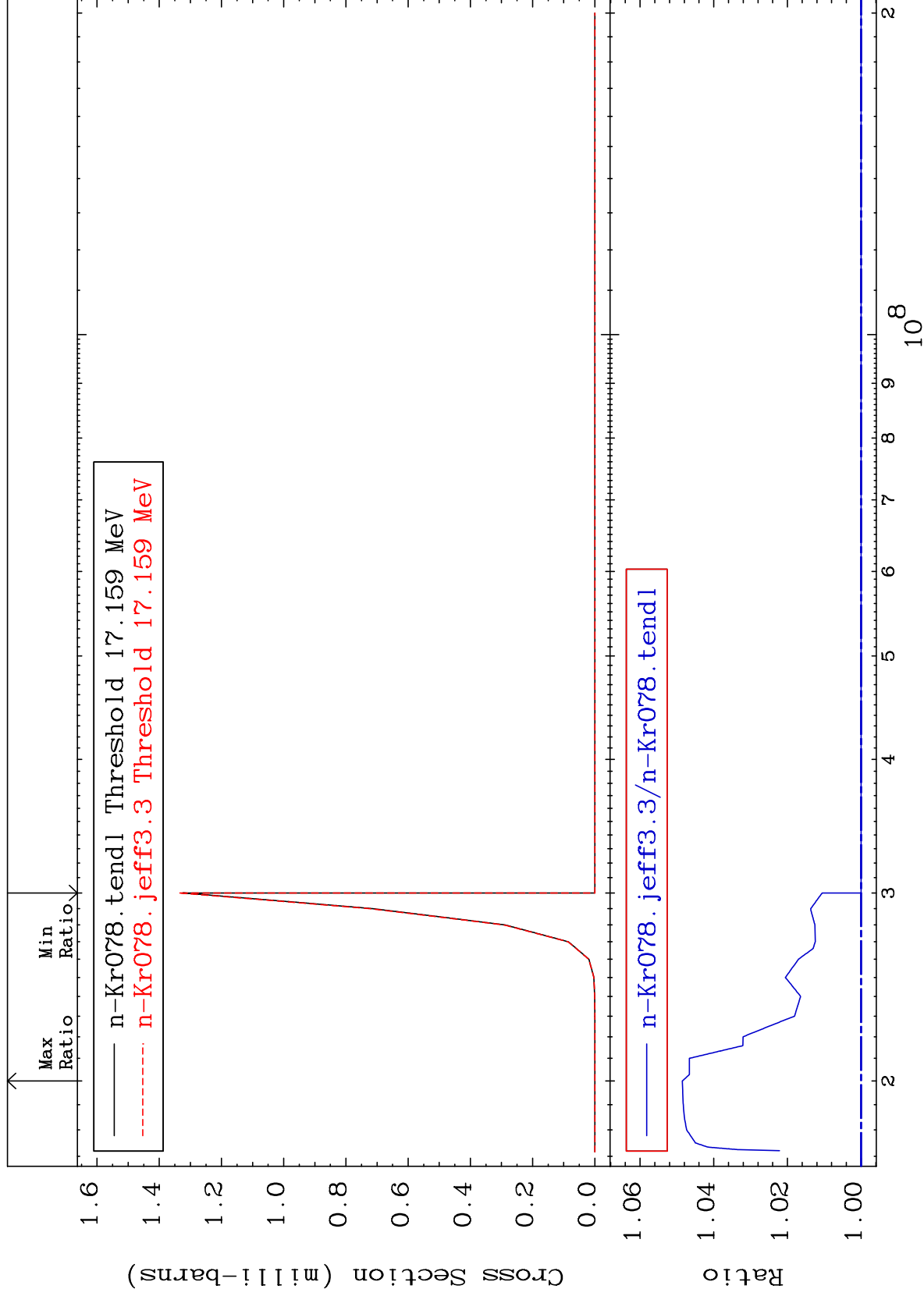
³⁶Kr-78
-0.194 To 0.667 %



MAT 3625

(n, n') He-3
Cross Section

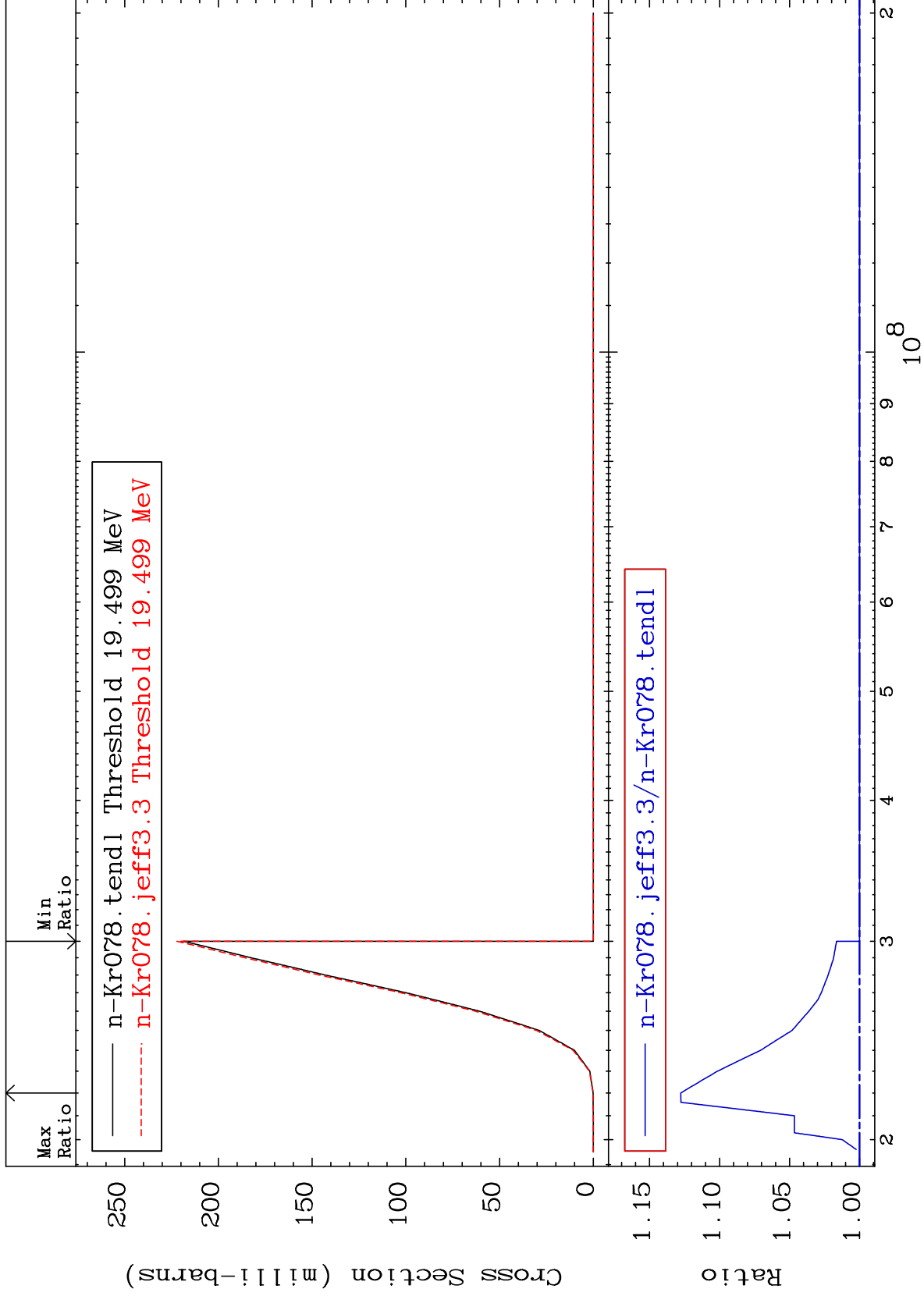
36-Kr-78
0.000 To 4.853 %



MAT 3625

(n,2n) p
Cross Section

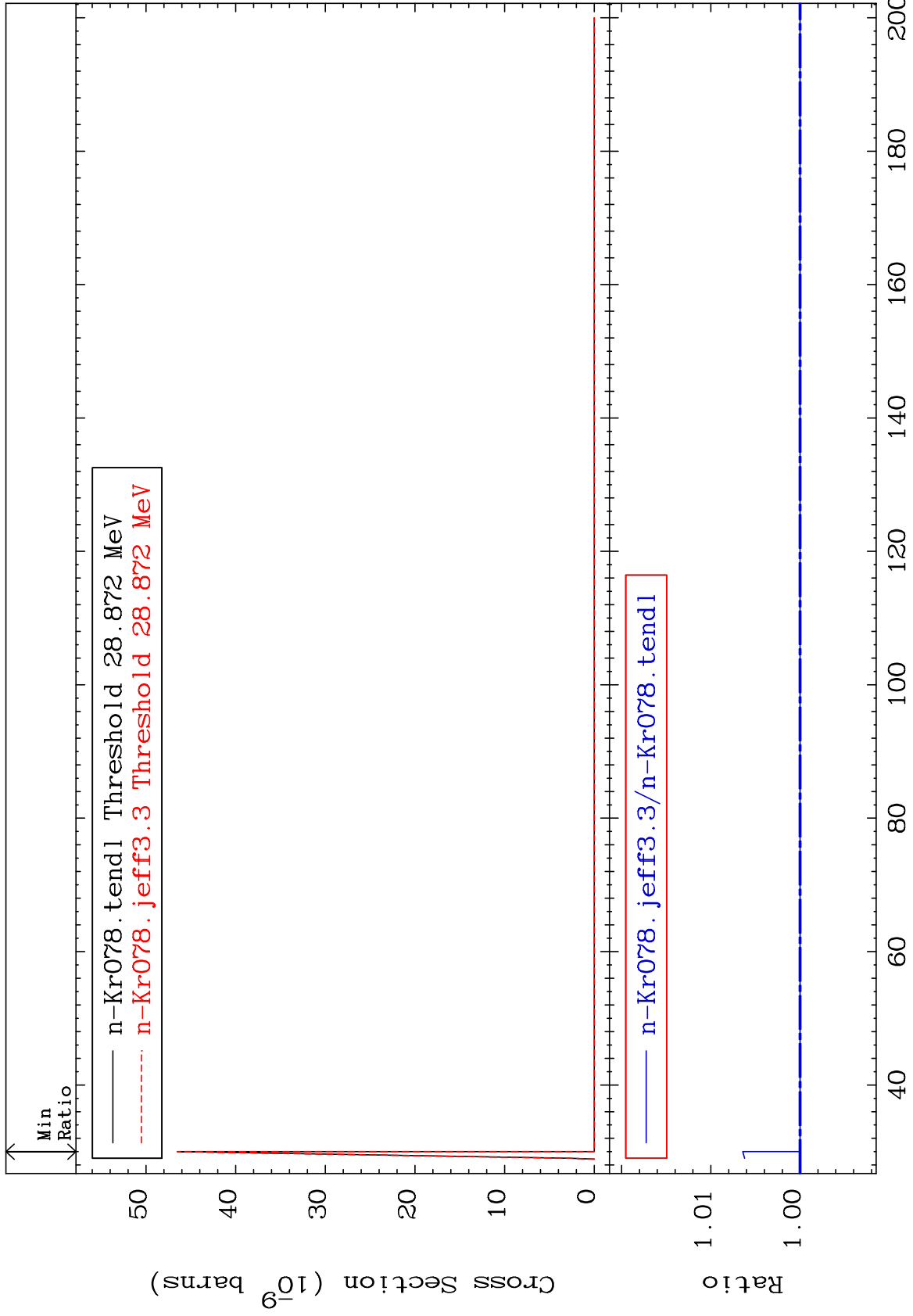
³⁶Kr-78
0.000 To 12.77 %



MAT 3625

(n,3n) p
Cross Section

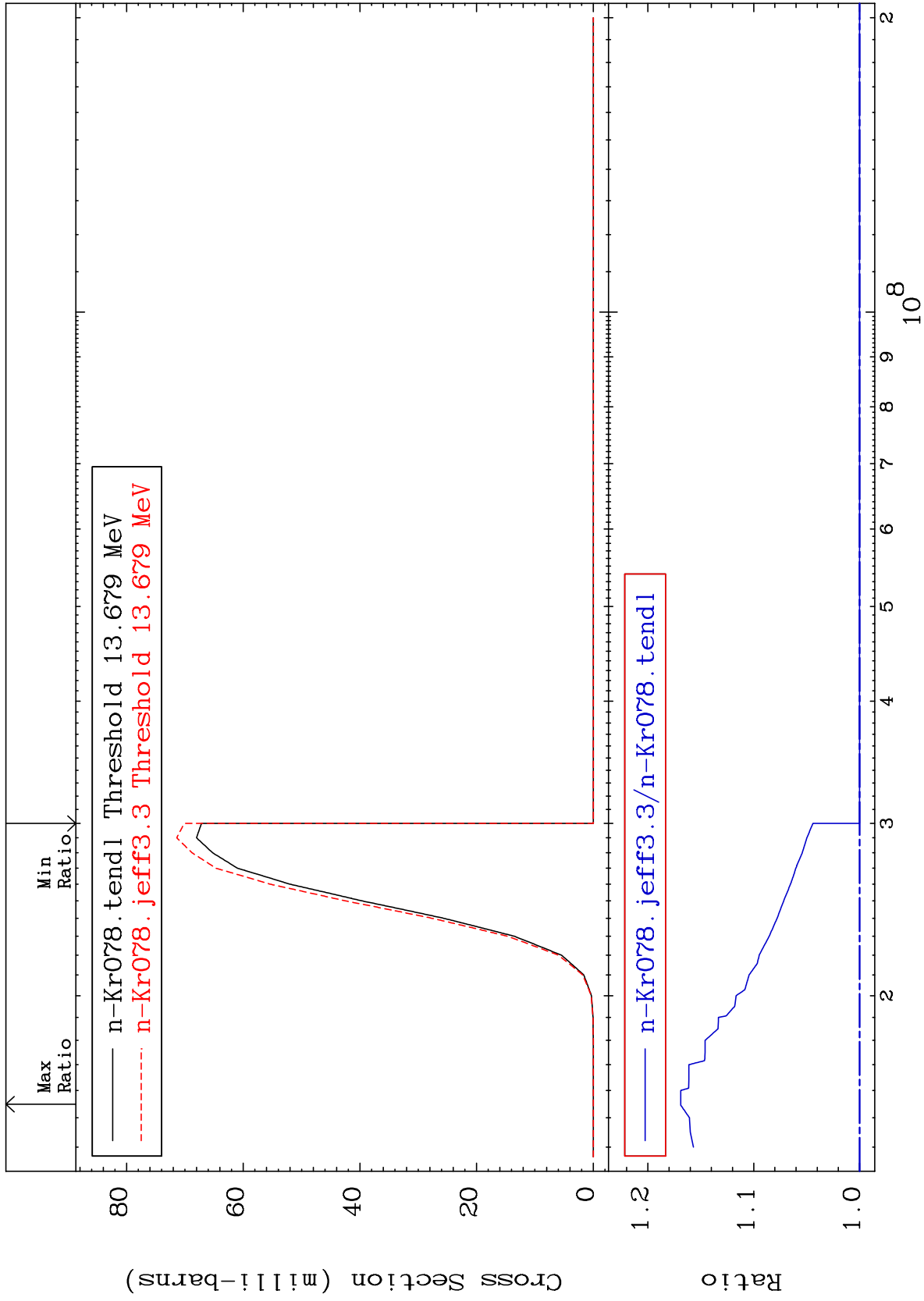
³⁶Kr-78
0.000 To 0.642 %



MAT 3625

(n,2n) p
Cross Section

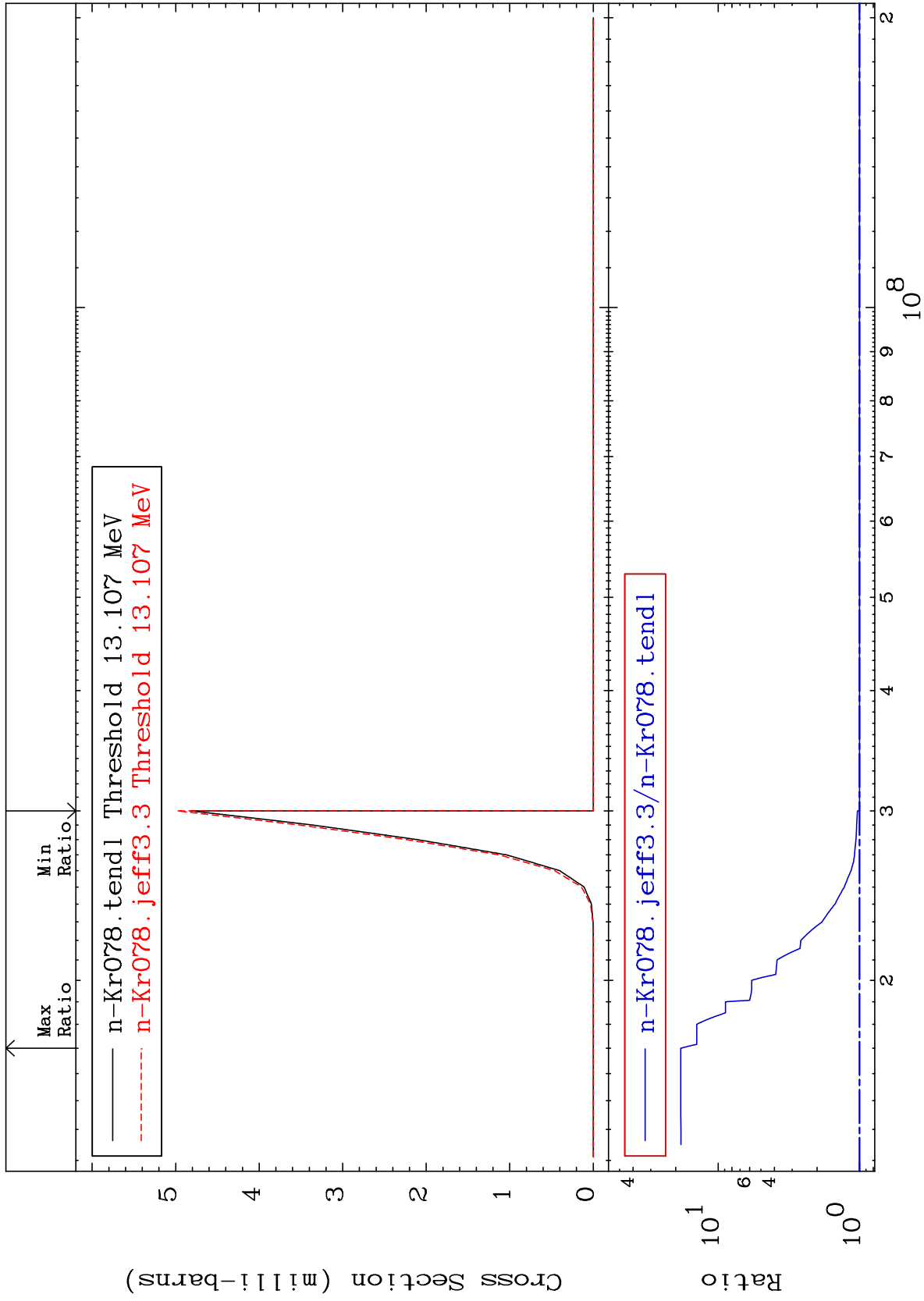
³⁶Kr-78
0.000 To 16.89 %



MAT 3625

(n,n') p α
Cross Section

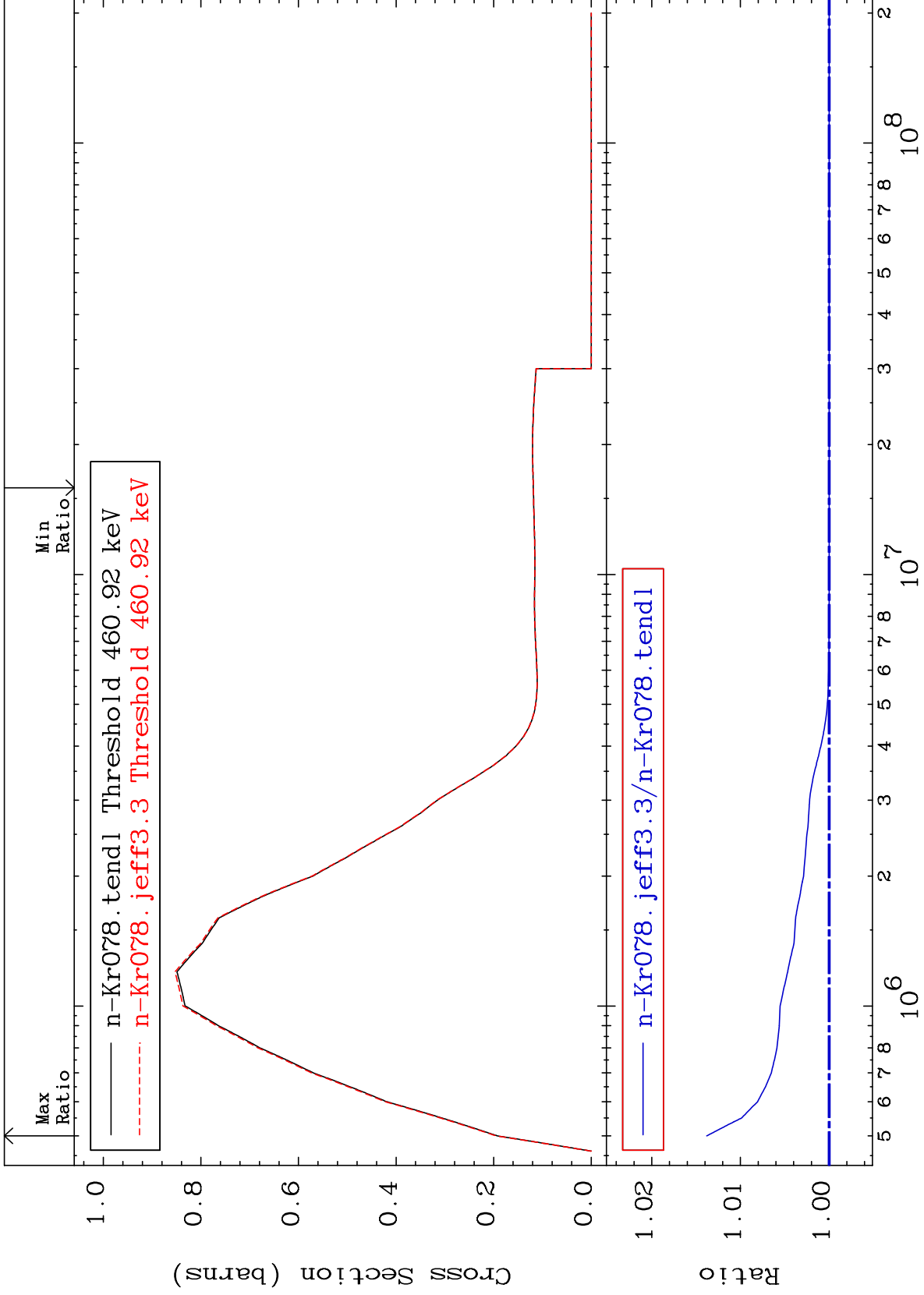
36-Kr-78
0.000 To 1741. %



MAT 3625

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

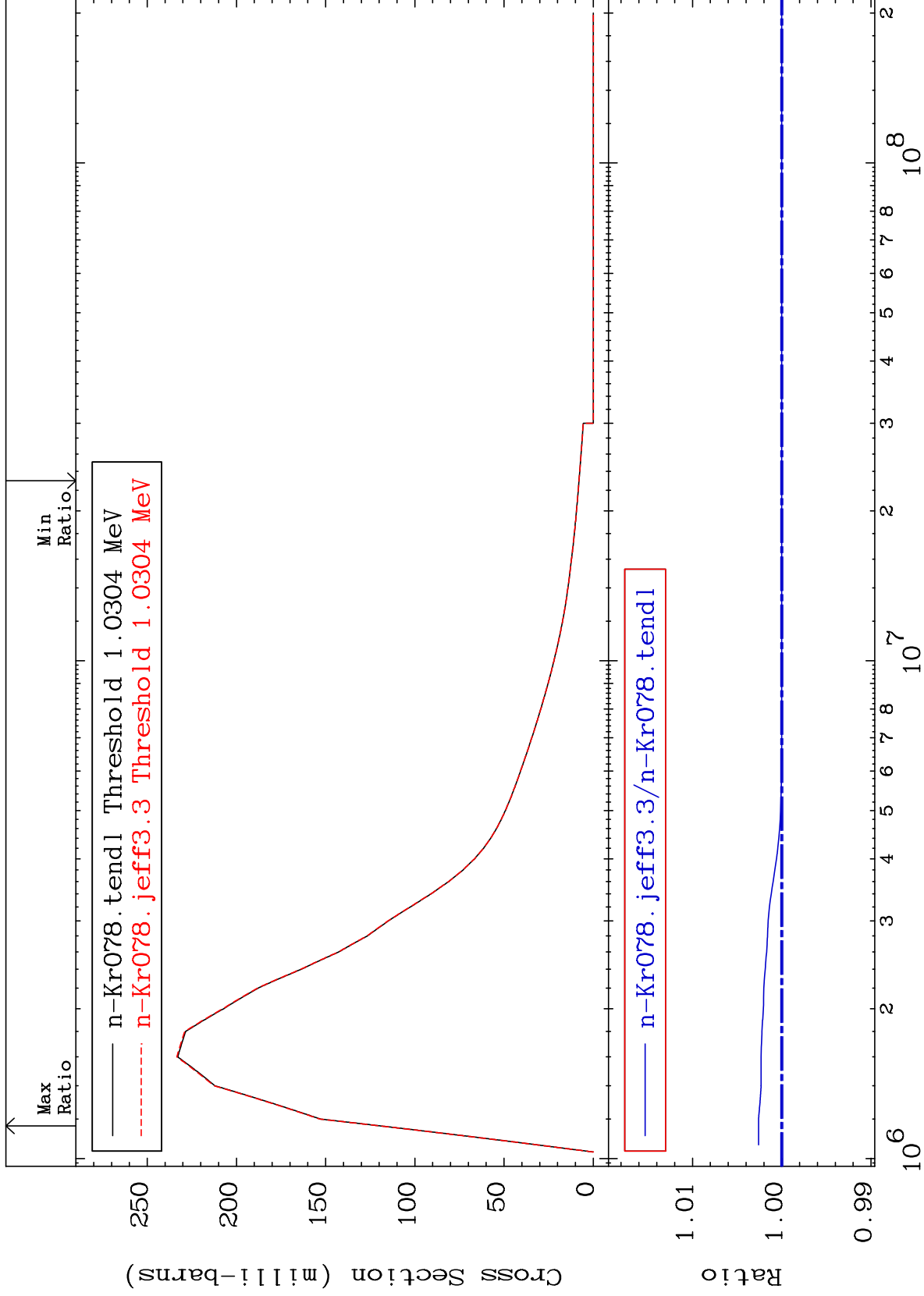
36-Kr-78
0.000 To 1.380 %



MAT 3625

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

36-Kr-78
To 0.260 %



19

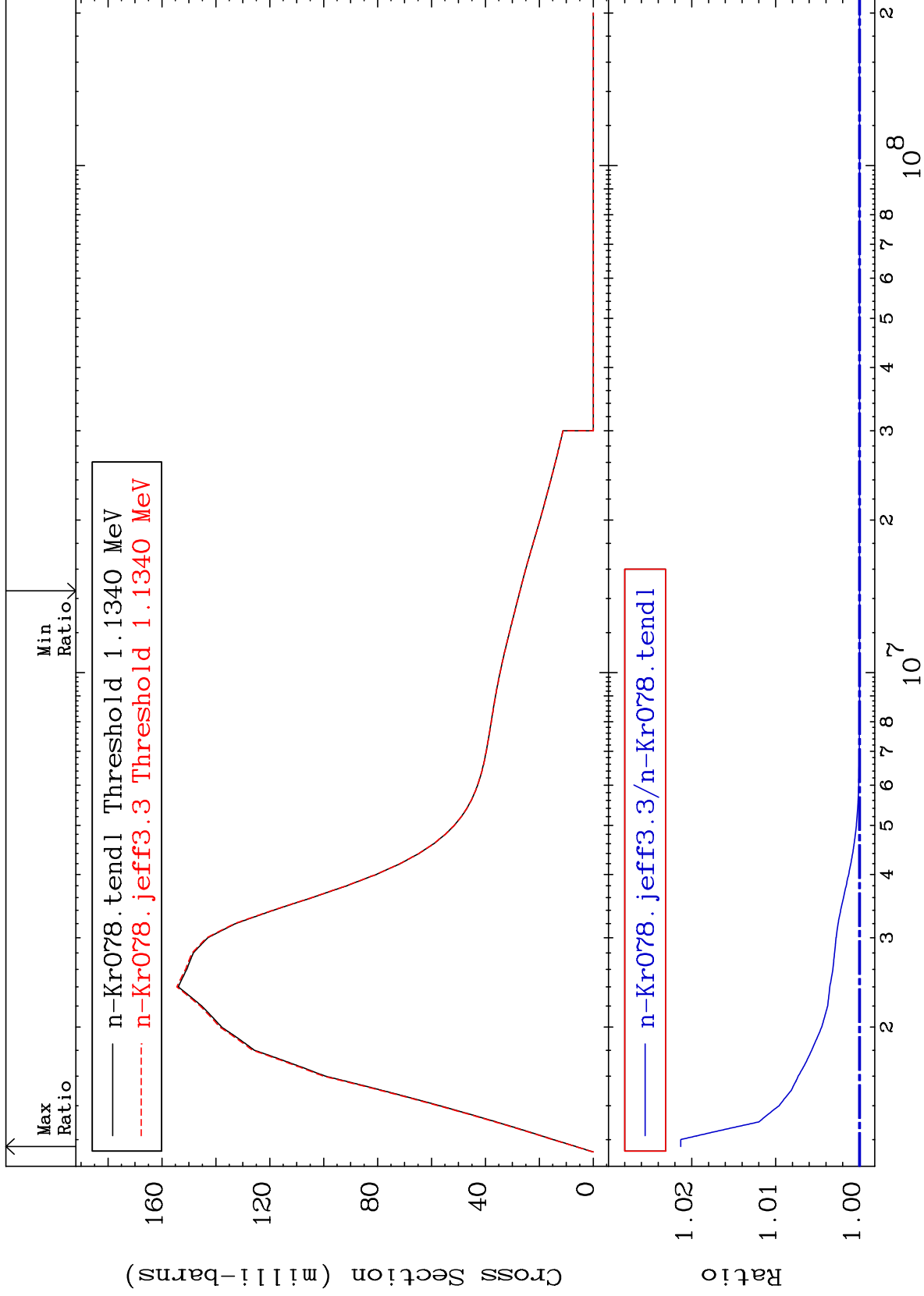
Incident Energy (eV)

36-Kr-78

MAT 3625

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

36-Kr-78
To 2.131 %
0.000

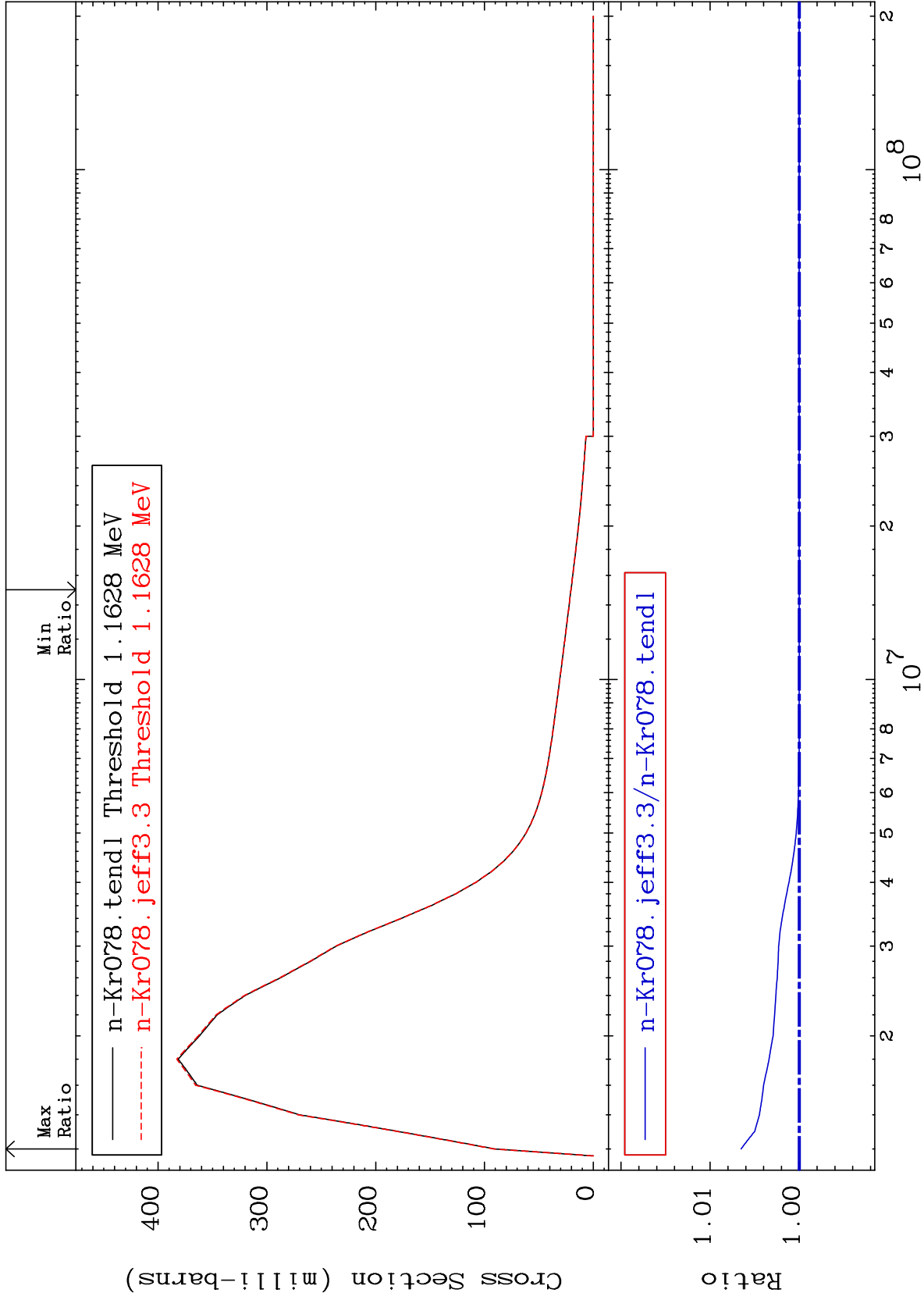


MAT 3625

MT= 54 (n,n') Level

³⁶Kr-78

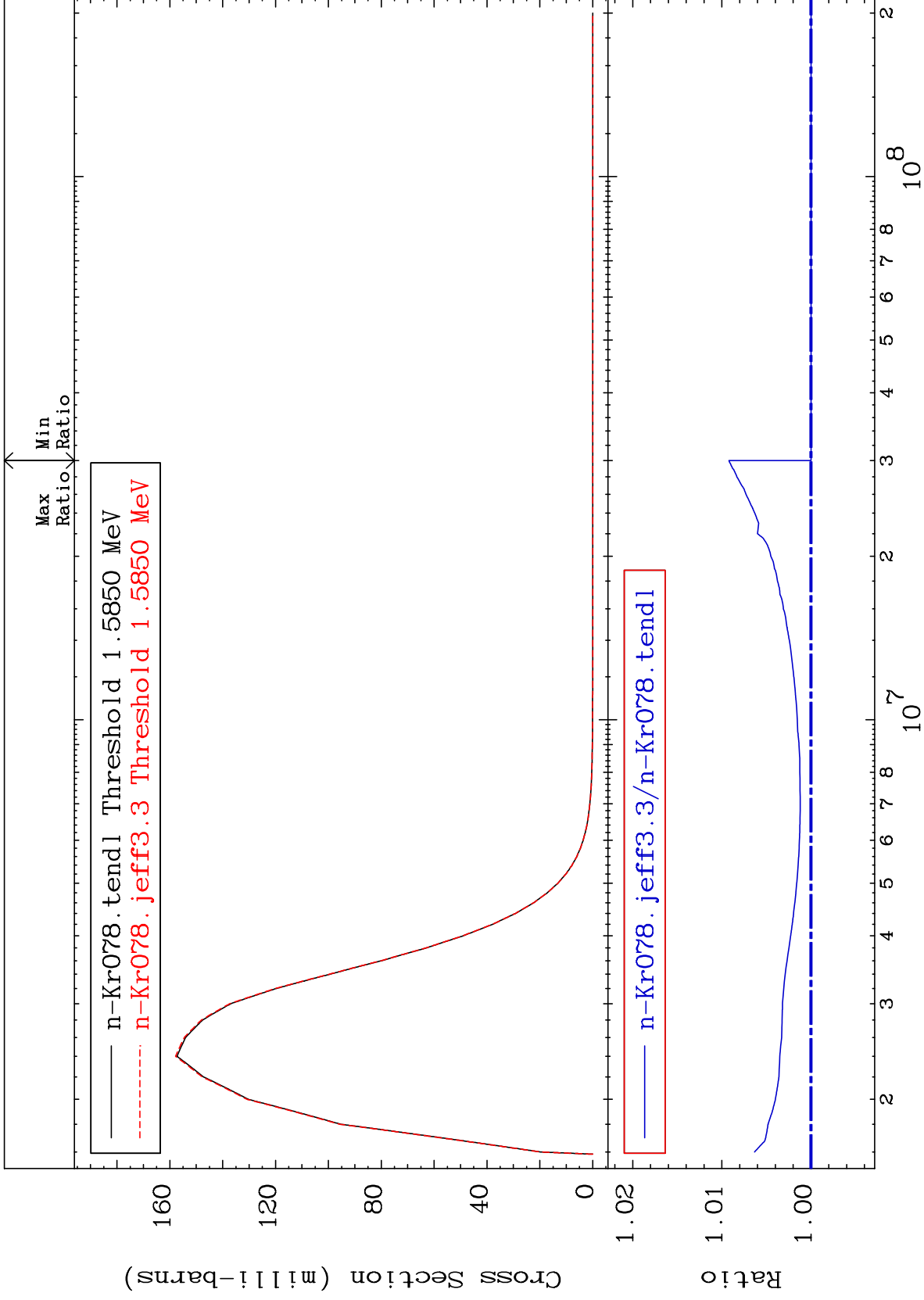
Cross Section
0.000 To 0.654 %



MAT 3625

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

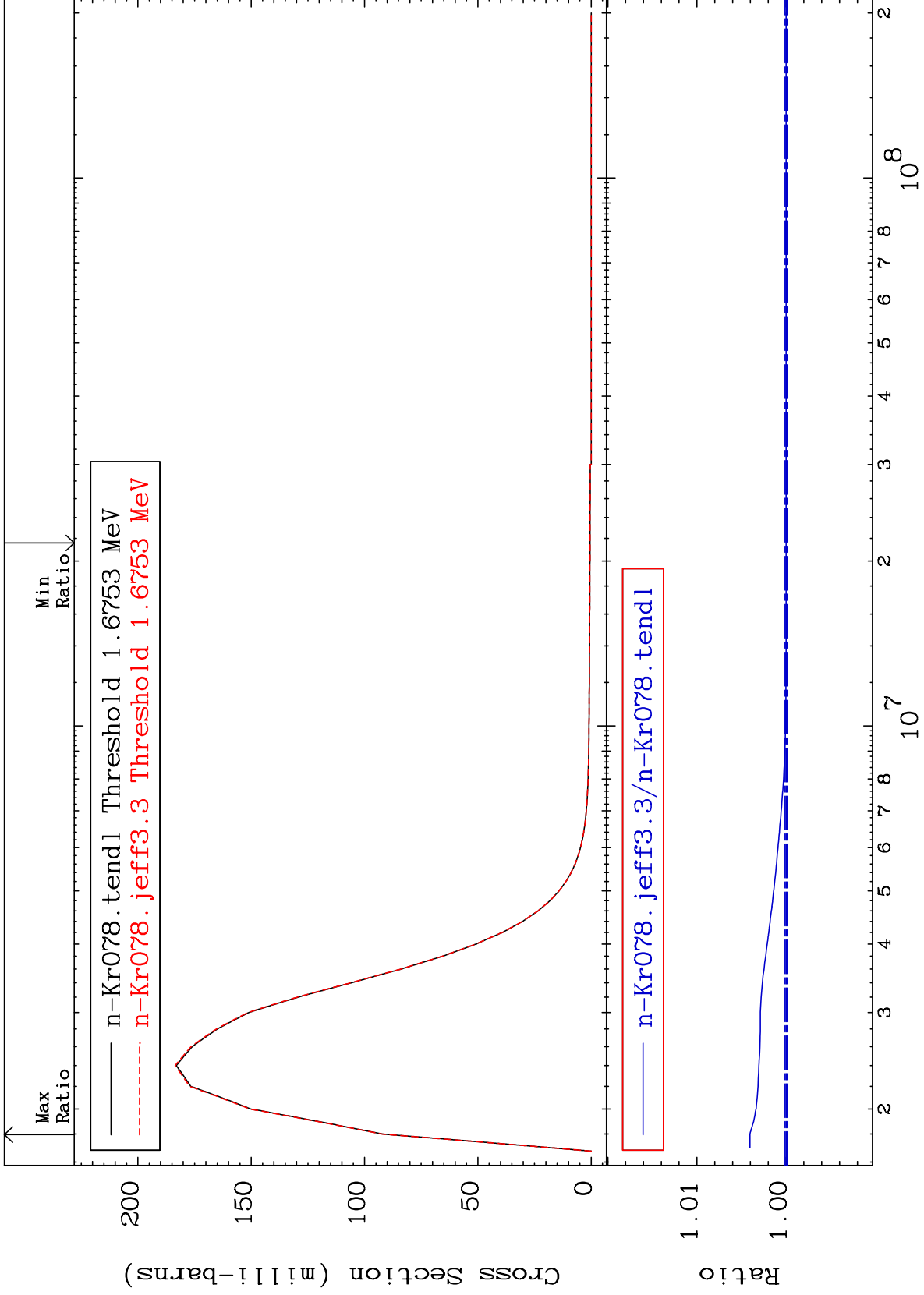
36-Kr-78
To 0.922 %



MAT 3625

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

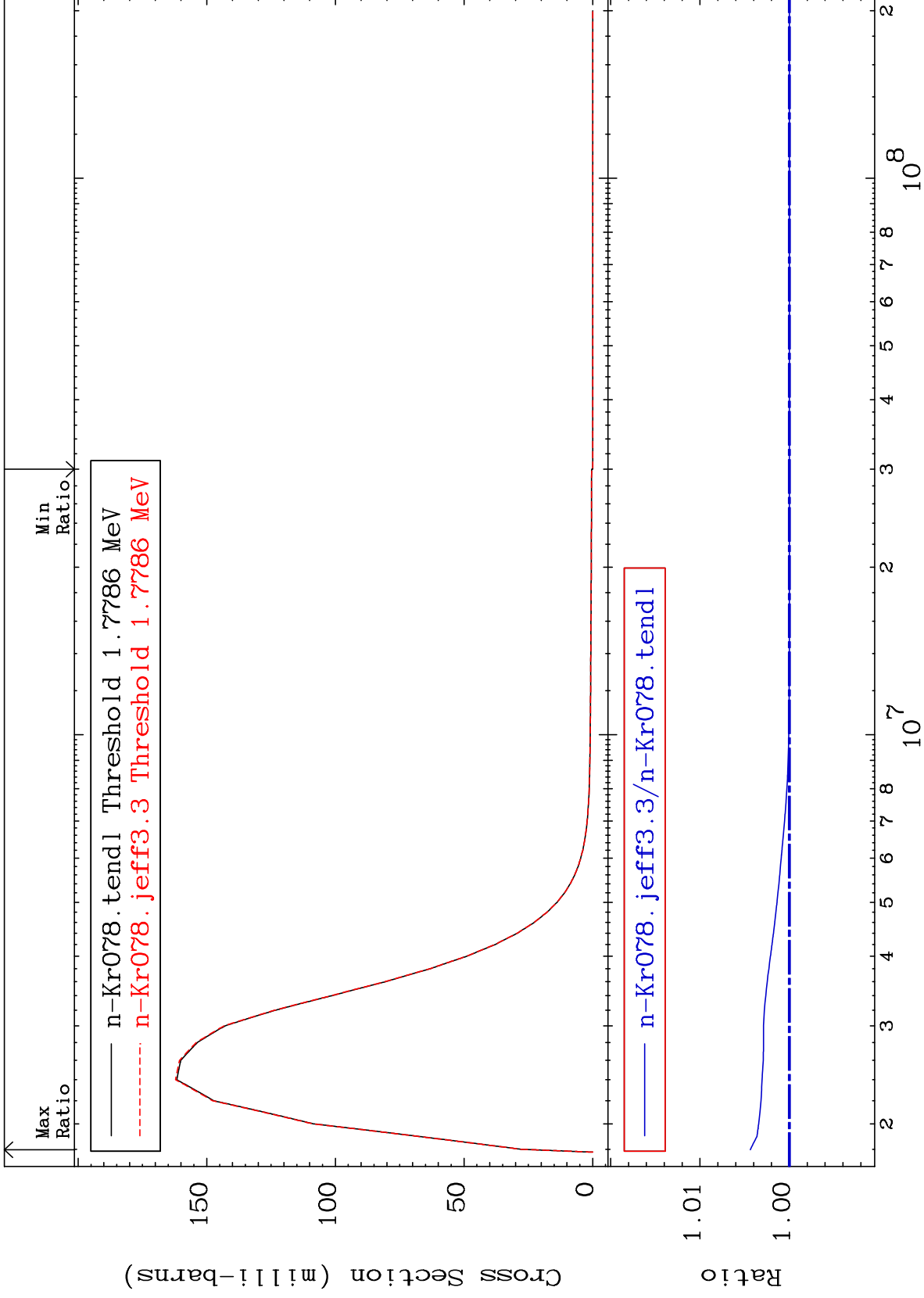
36-Kr-78
0.000 To 0.406 %



MAT 3625

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

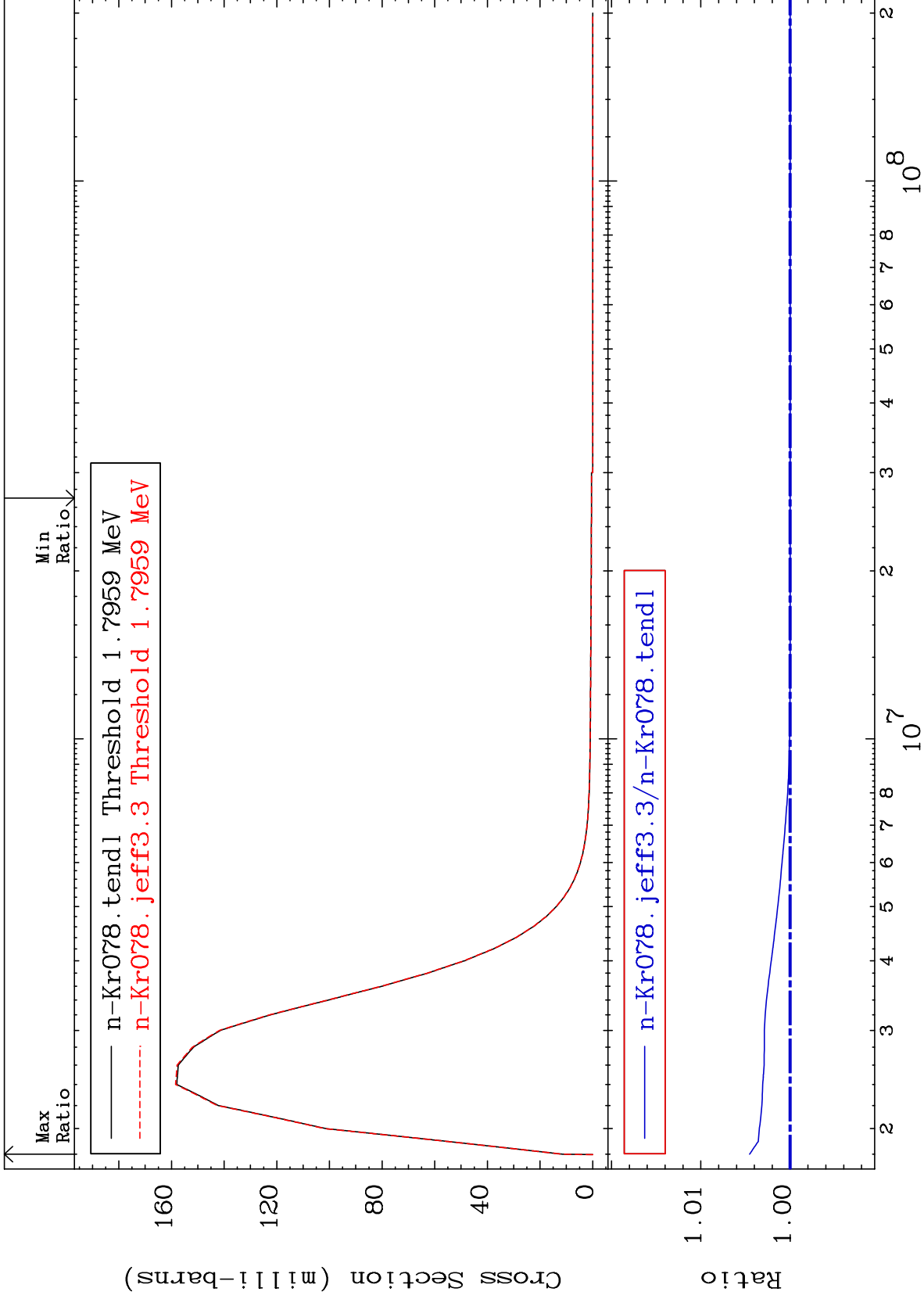
36-Kr-78
To 0.436 %



MAT 3625

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

36-Kr-78
0.000 To 0.453 %



25

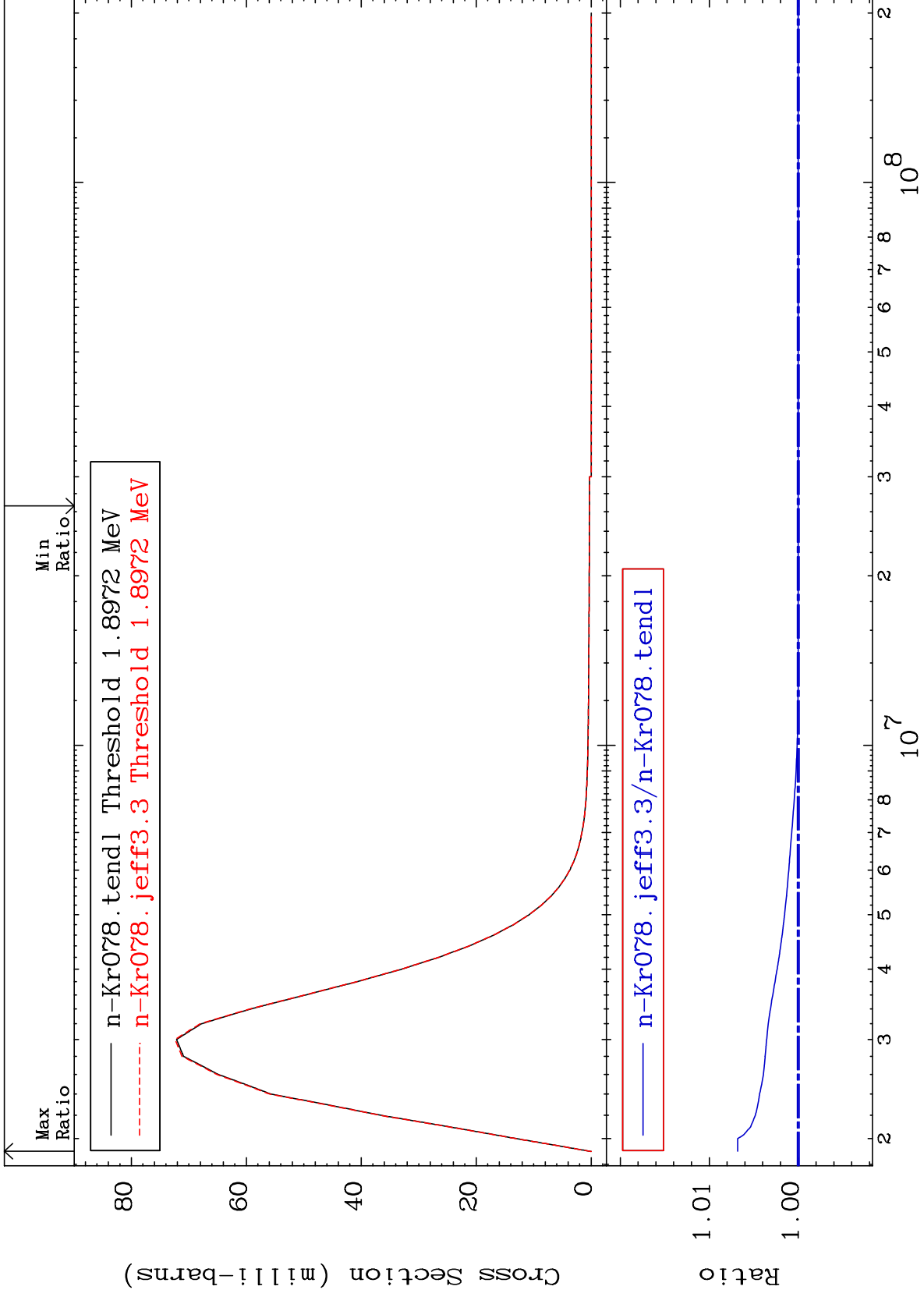
Incident Energy (eV)

36-Kr-78

MAT 3625

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

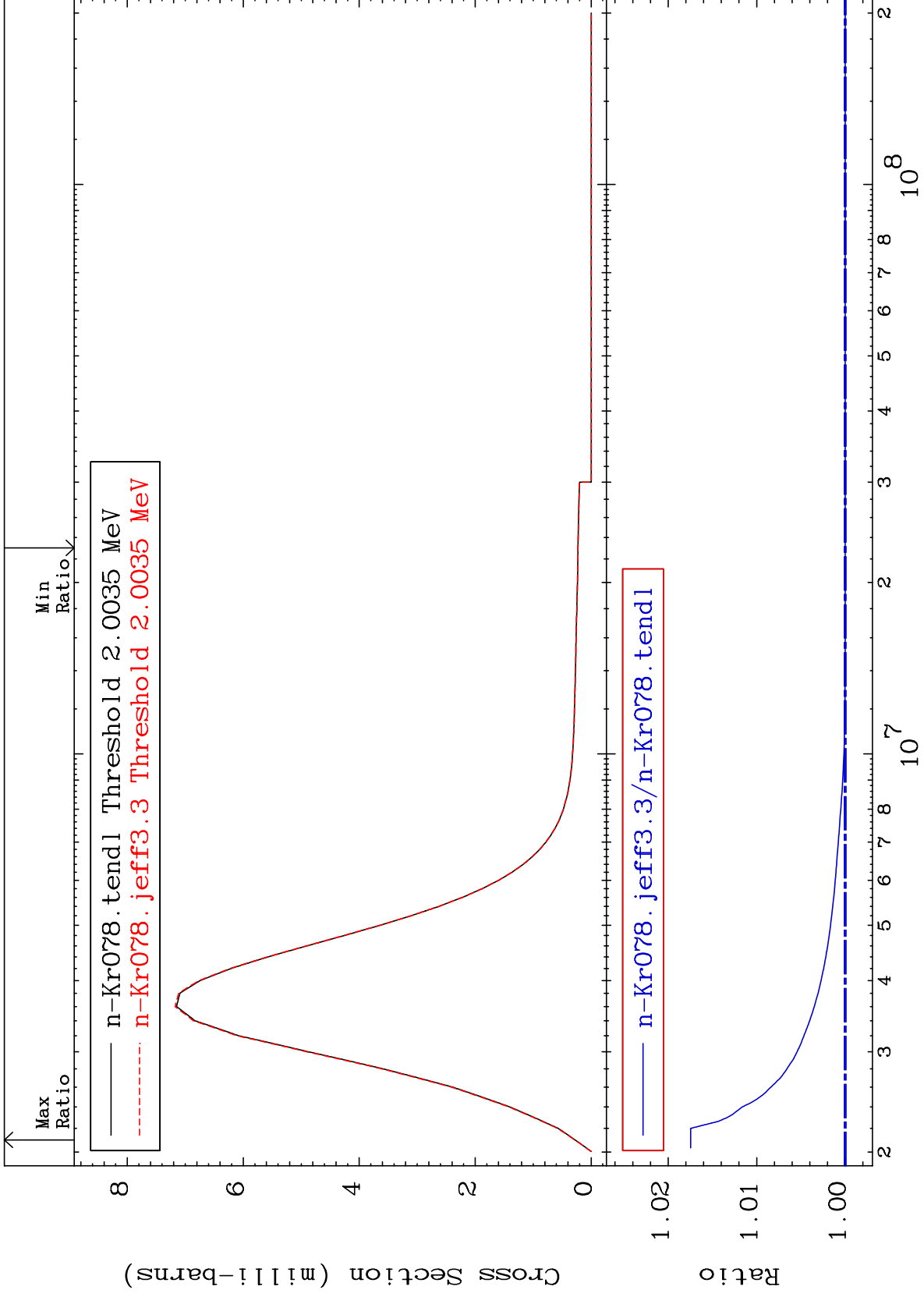
36-Kr-78
0.000 To 0.682 %



MAT 3625

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

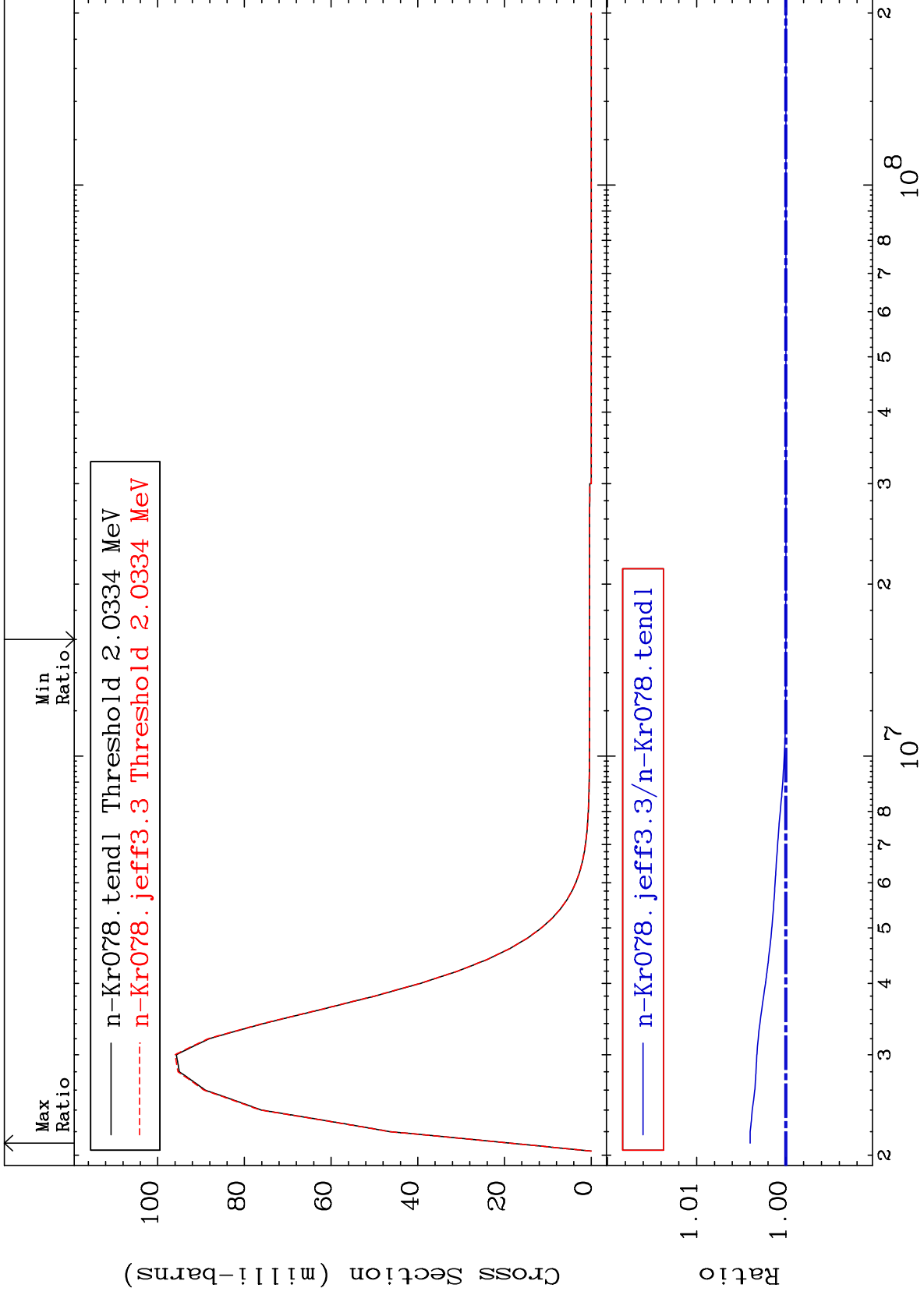
36-Kr-78
0.000 To 1.746 %



MAT 3625

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

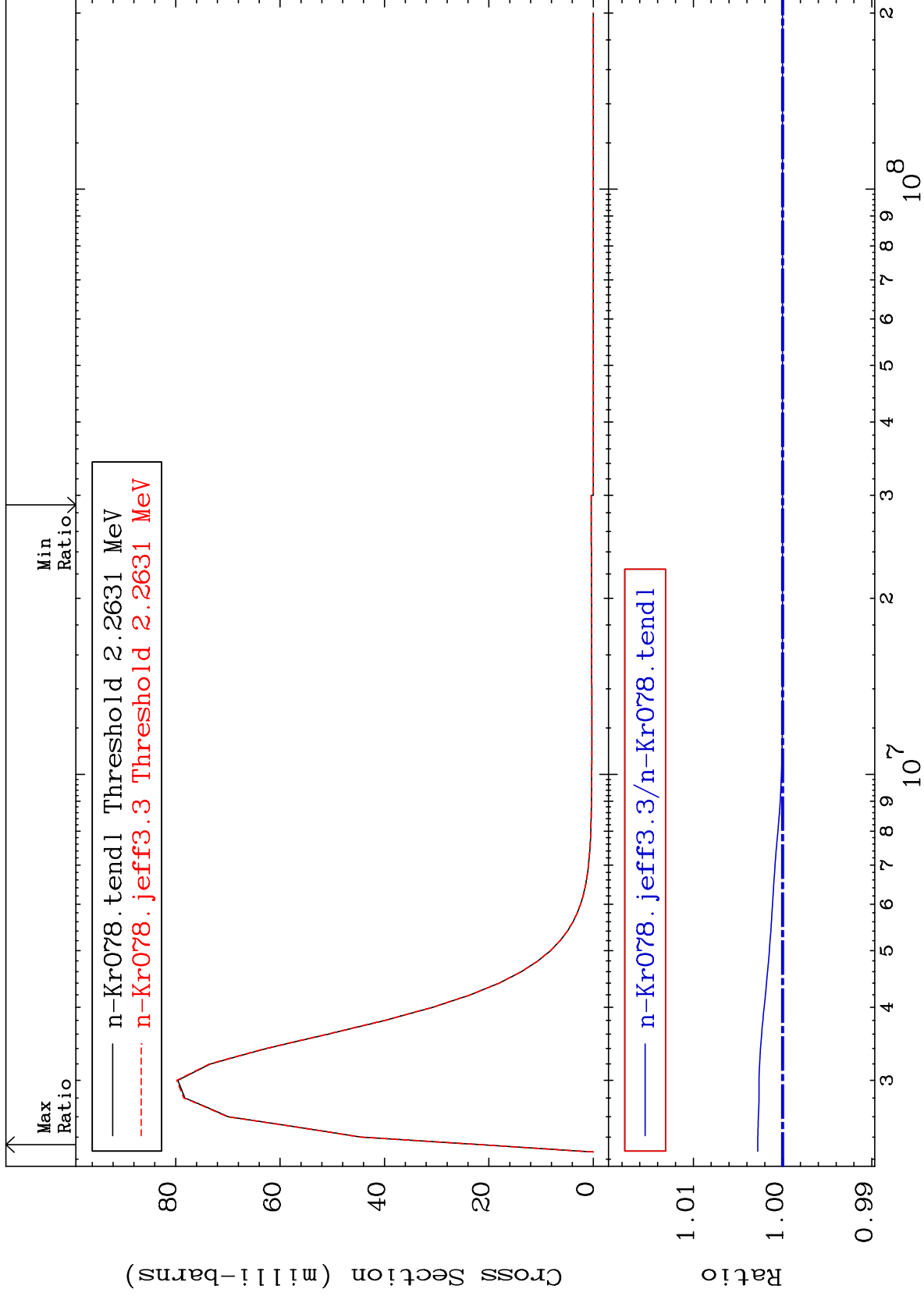
36-Kr-78
0.000 To 0.401 %



MAT 3625

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

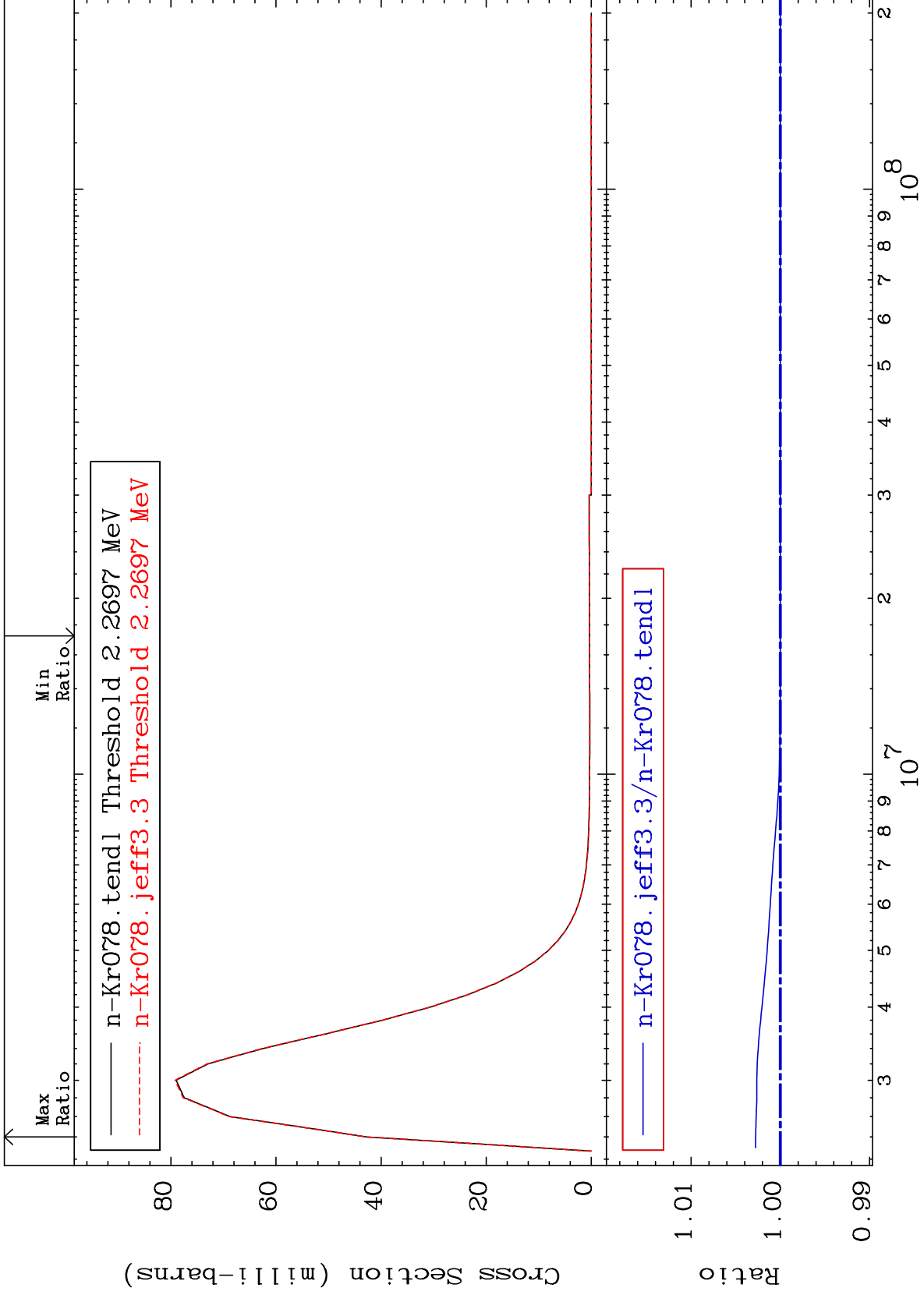
36-Kr-78
To 0.279 %



MAT 3625

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

36-Kr-78
0.000 To 0.278 %



30

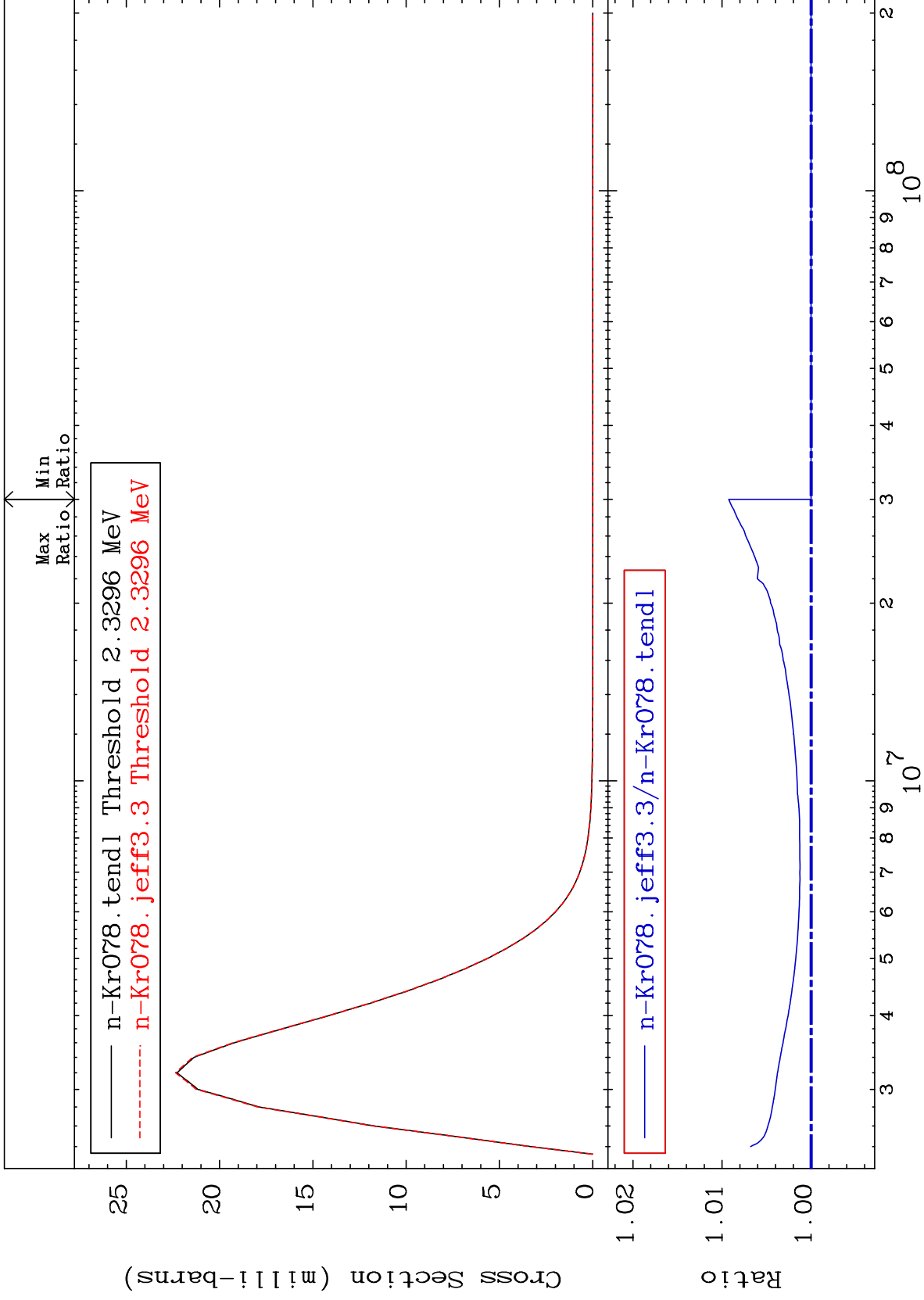
Incident Energy (eV)

36-Kr-78

MAT 3625

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

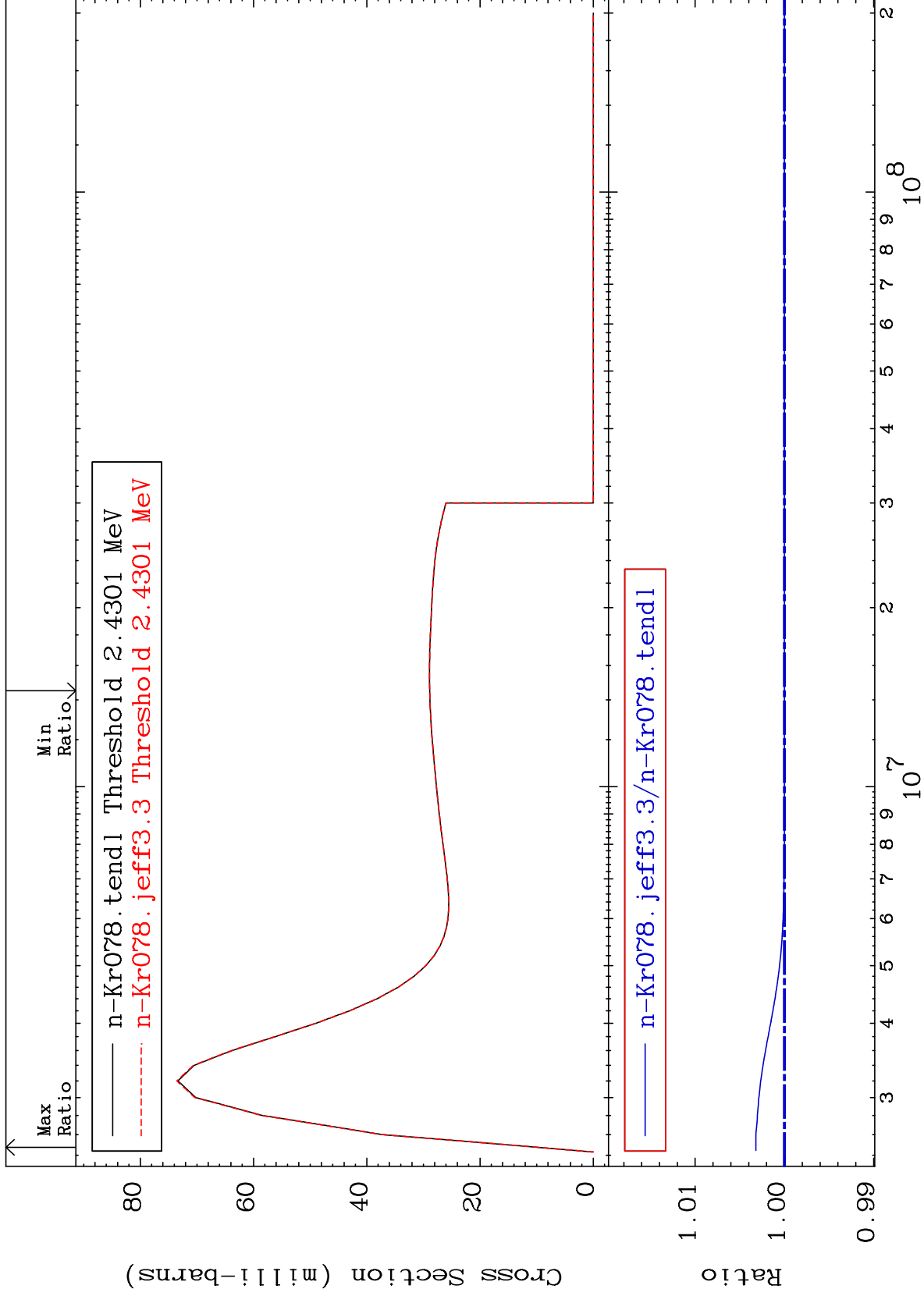
36-Kr-78
To 0.926 %



MAT 3625

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

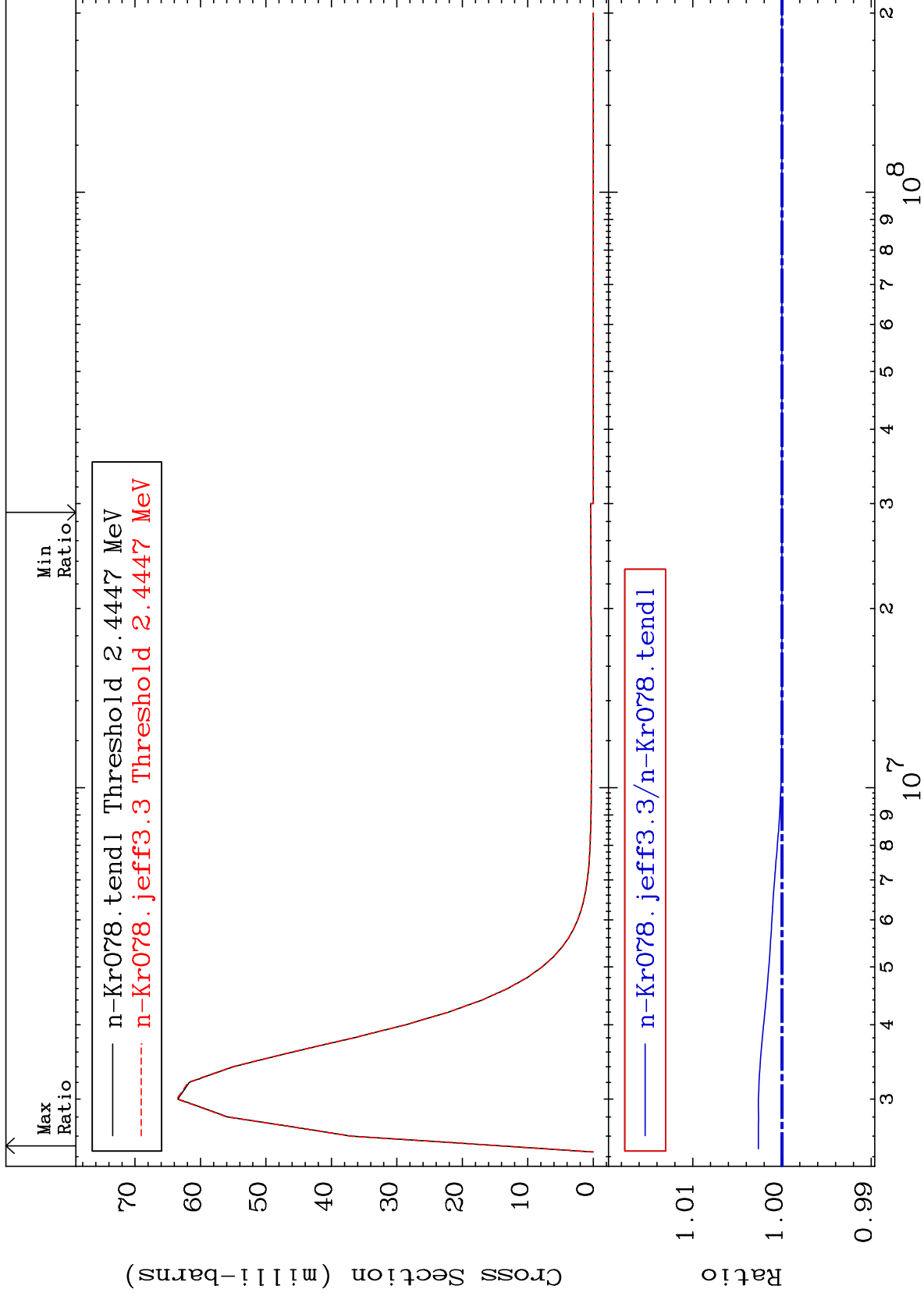
36-Kr-78
To 0.320 %



MAT 3625

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

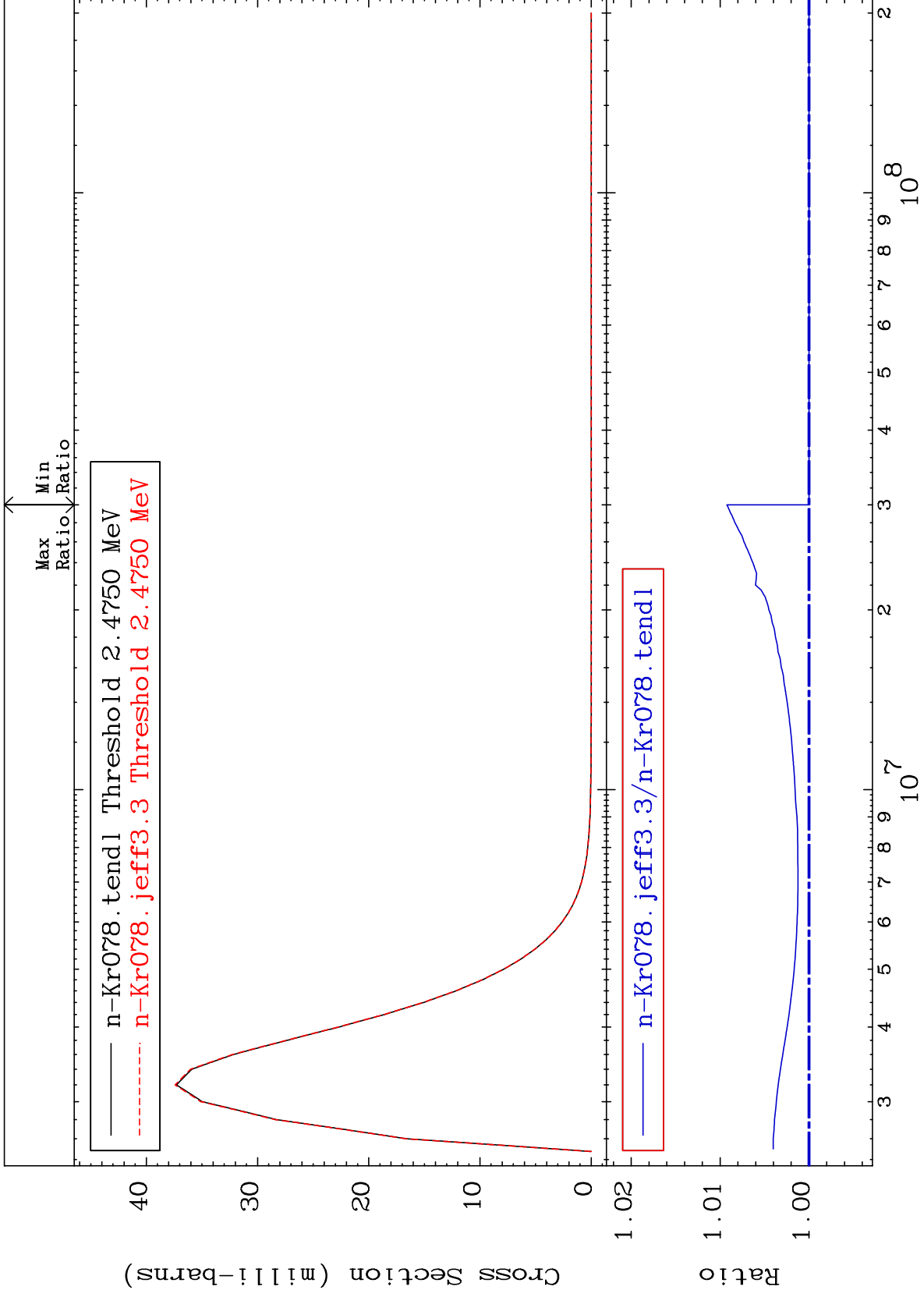
36-Kr-78
To 0.265 %



MAT 3625

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

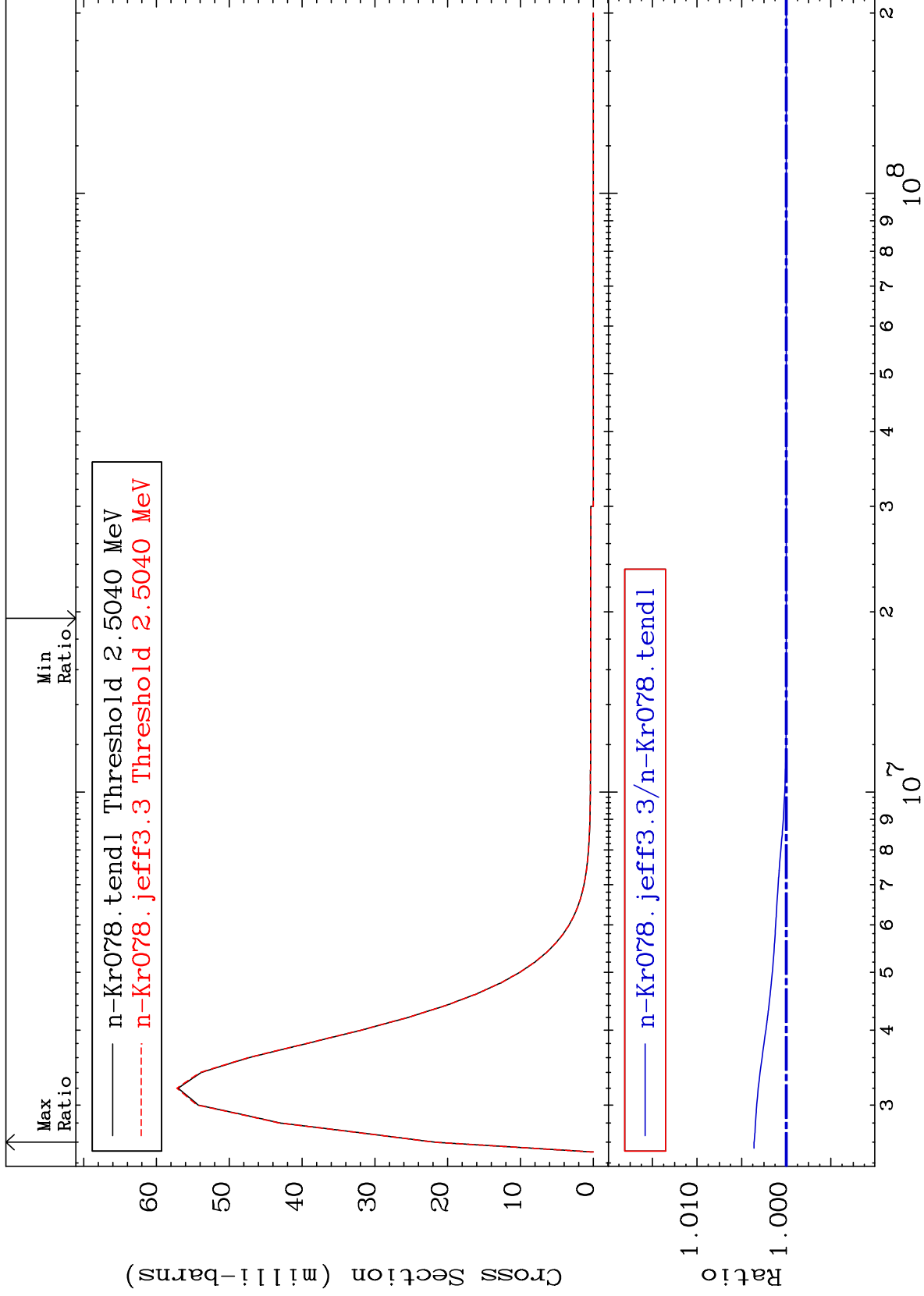
36-Kr-78
To 0.924 %



MAT 3625

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

36-Kr-78
To 0.361 %



35

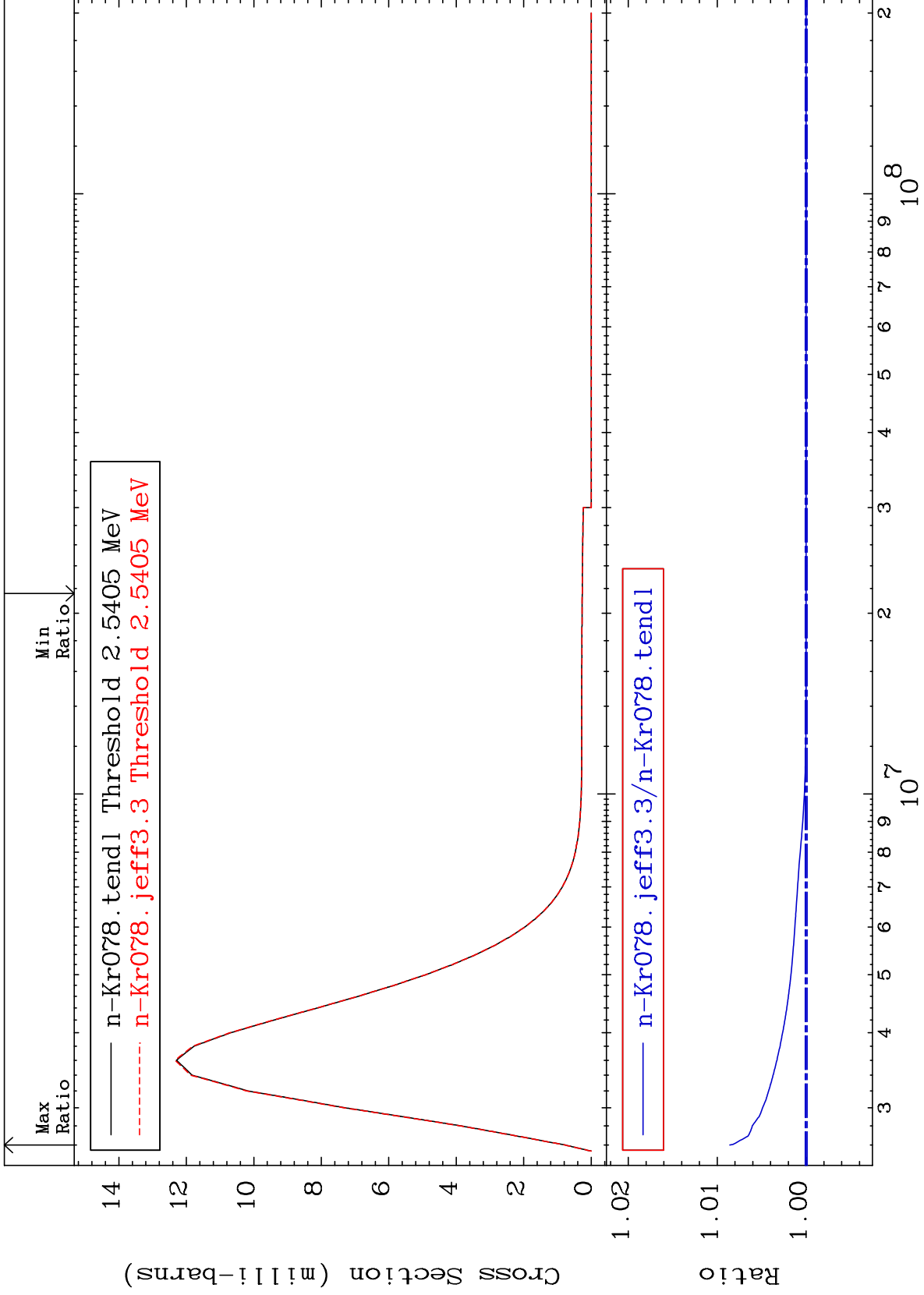
36-Kr-78

36-Kr-78

MAT 3625

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

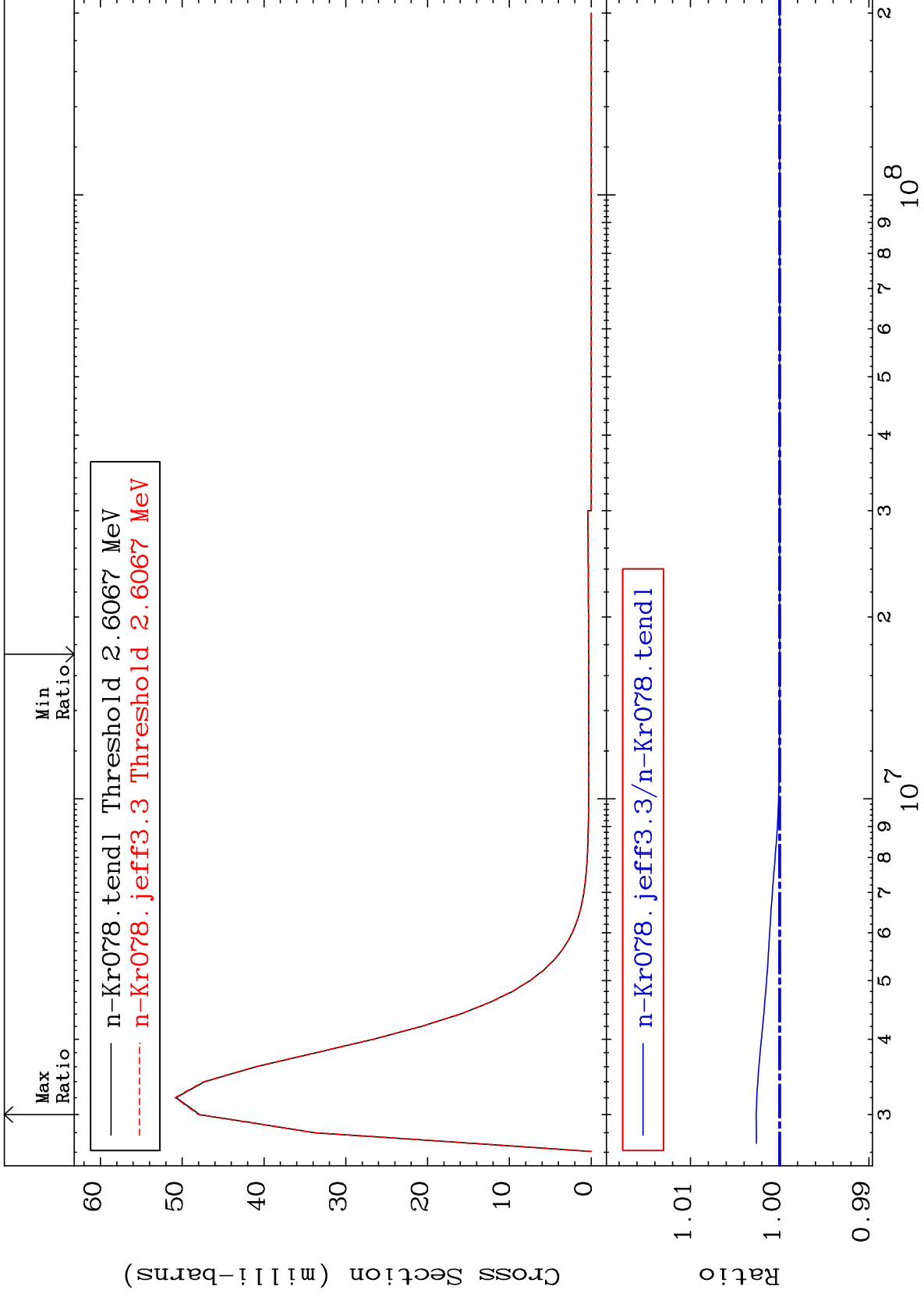
36-Kr-78
To 0.860 %



MAT 3625

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

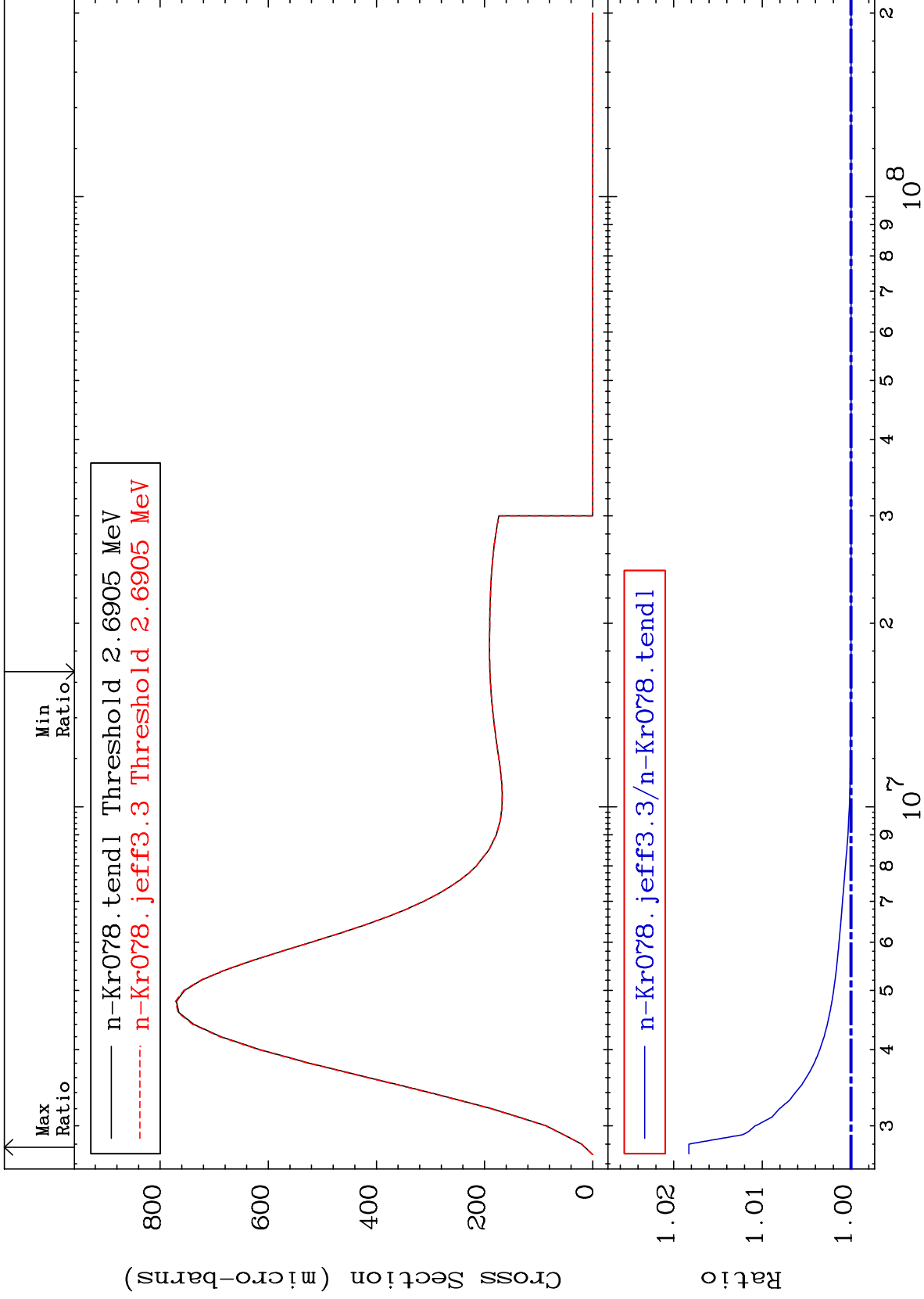
36-Kr-78
To 0.263 %



MAT 3625

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

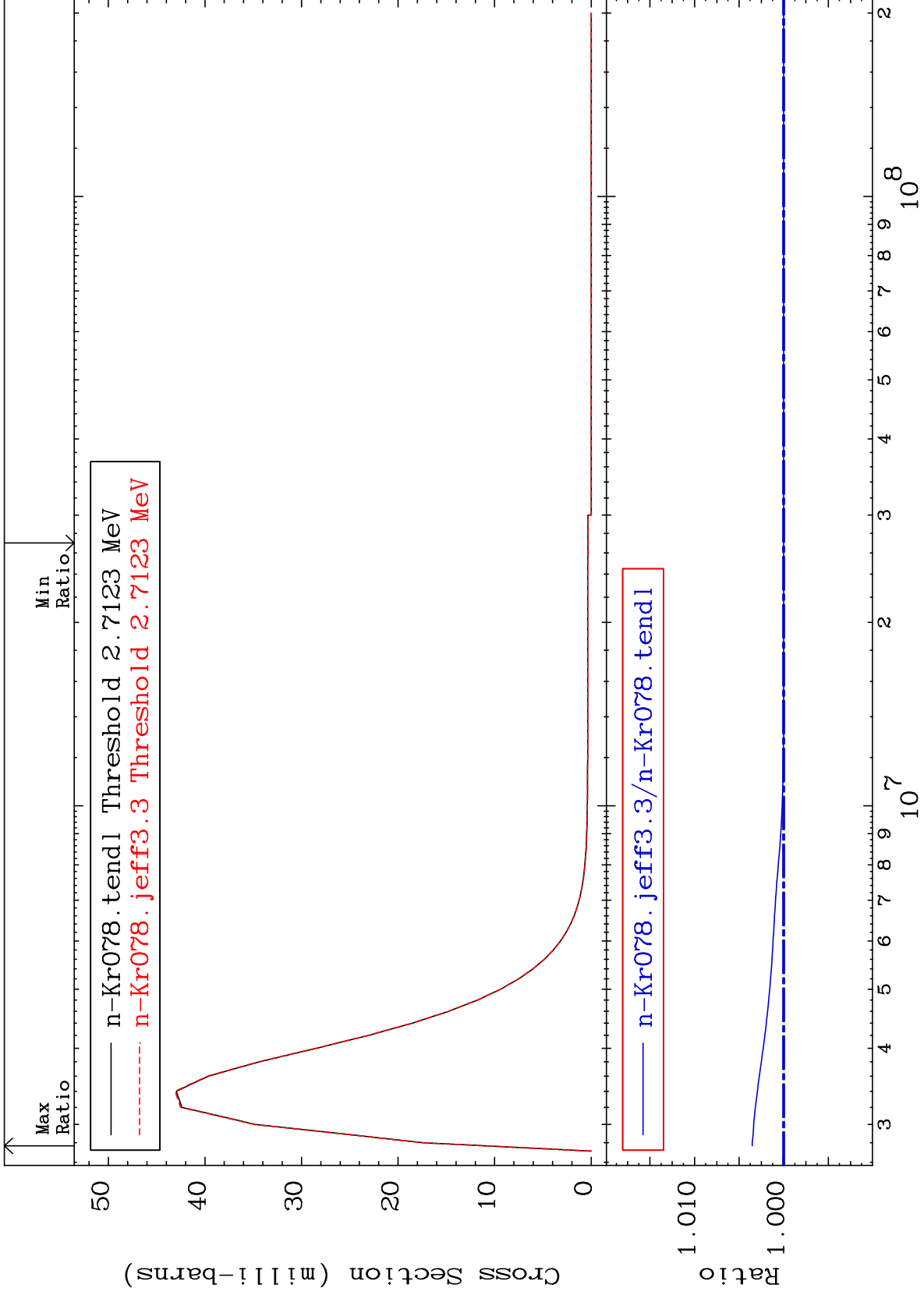
36-Kr-78
0.000 To 1.829 %



MAT 3625

MT= 72 (n,n') Level
Cross Section

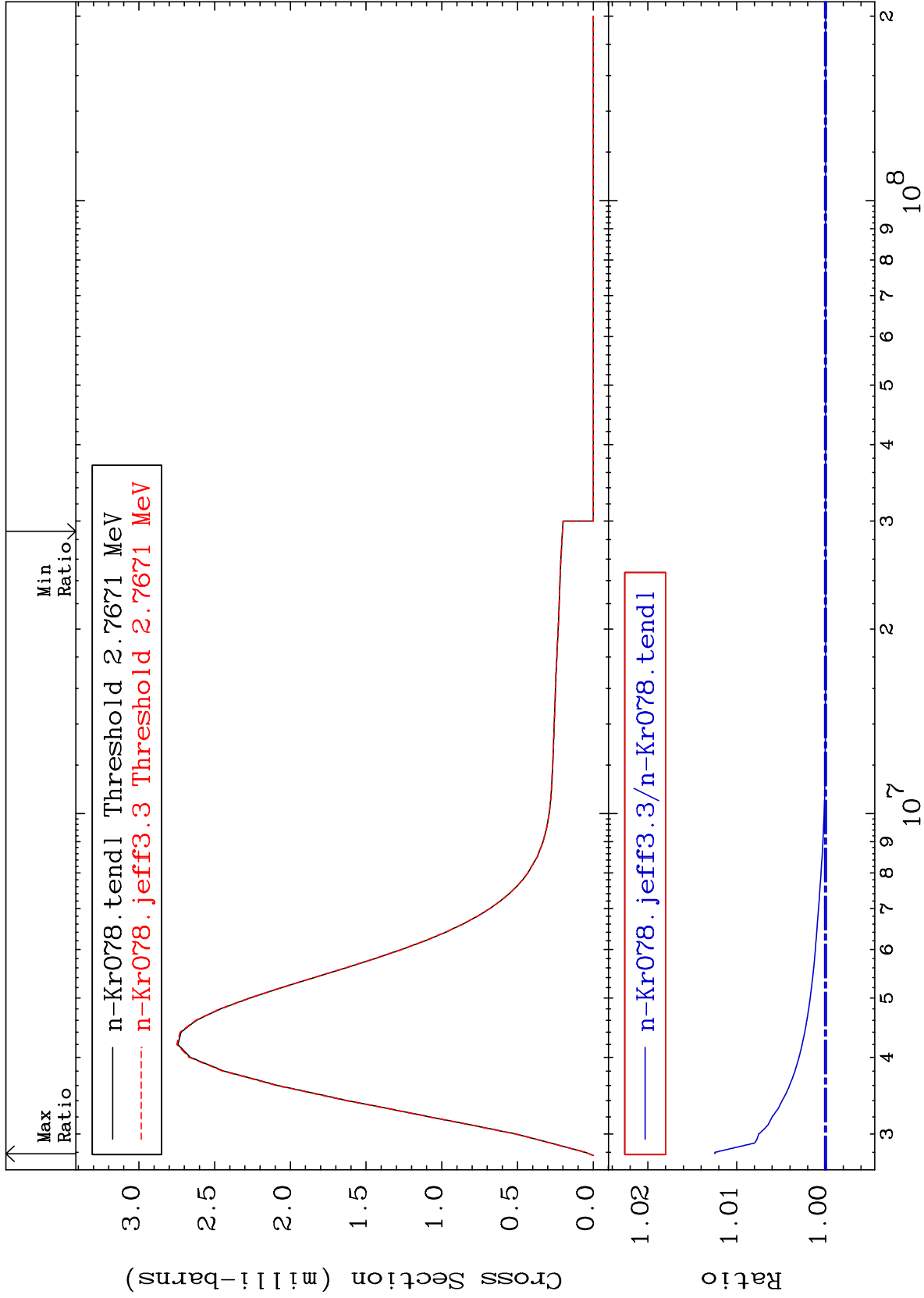
36-Kr-78
To 0.353 %



MAT 3625

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

36-Kr-78
To 1.246 %



40

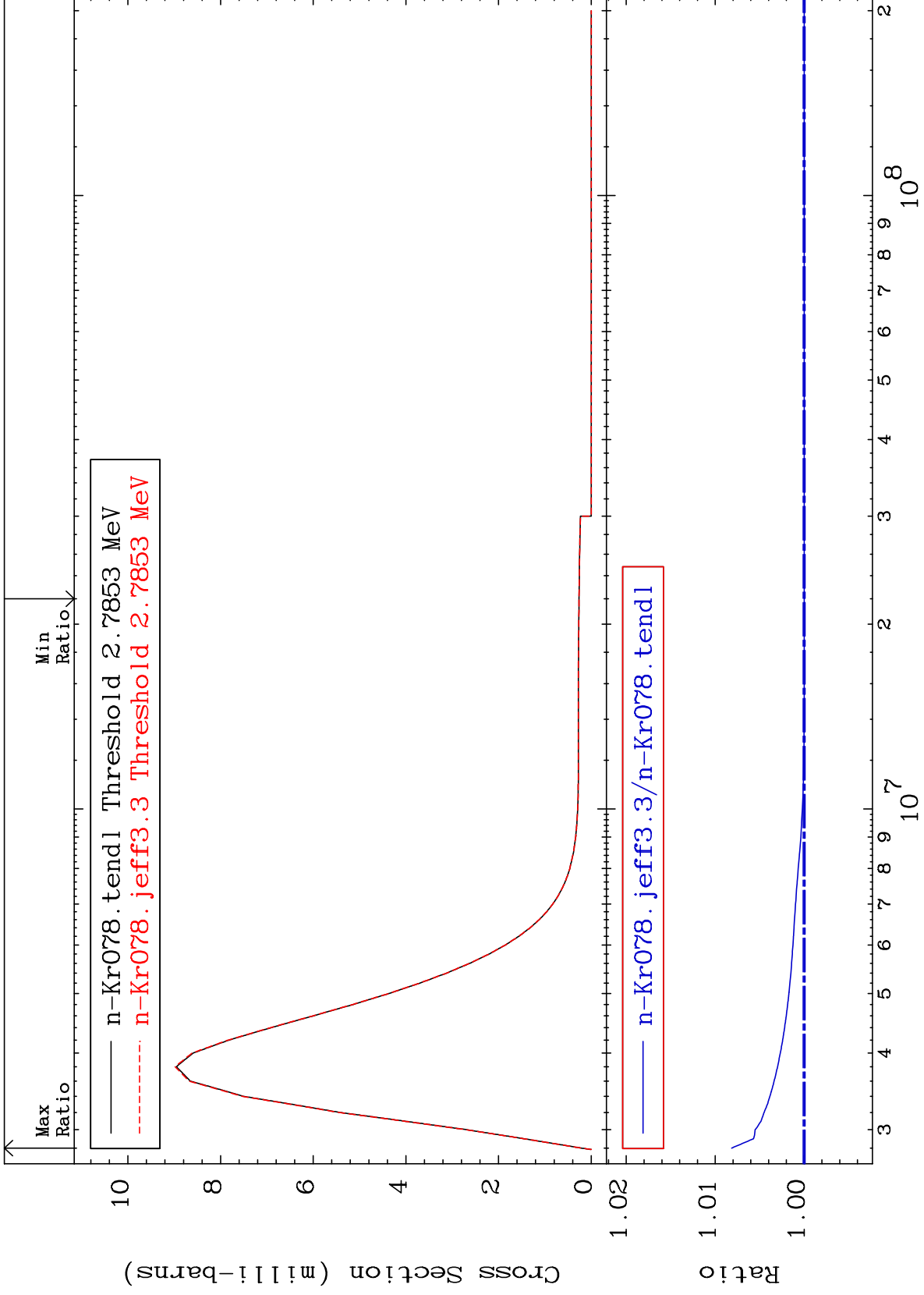
Incident Energy (eV)

36-Kr-78

MAT 3625

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

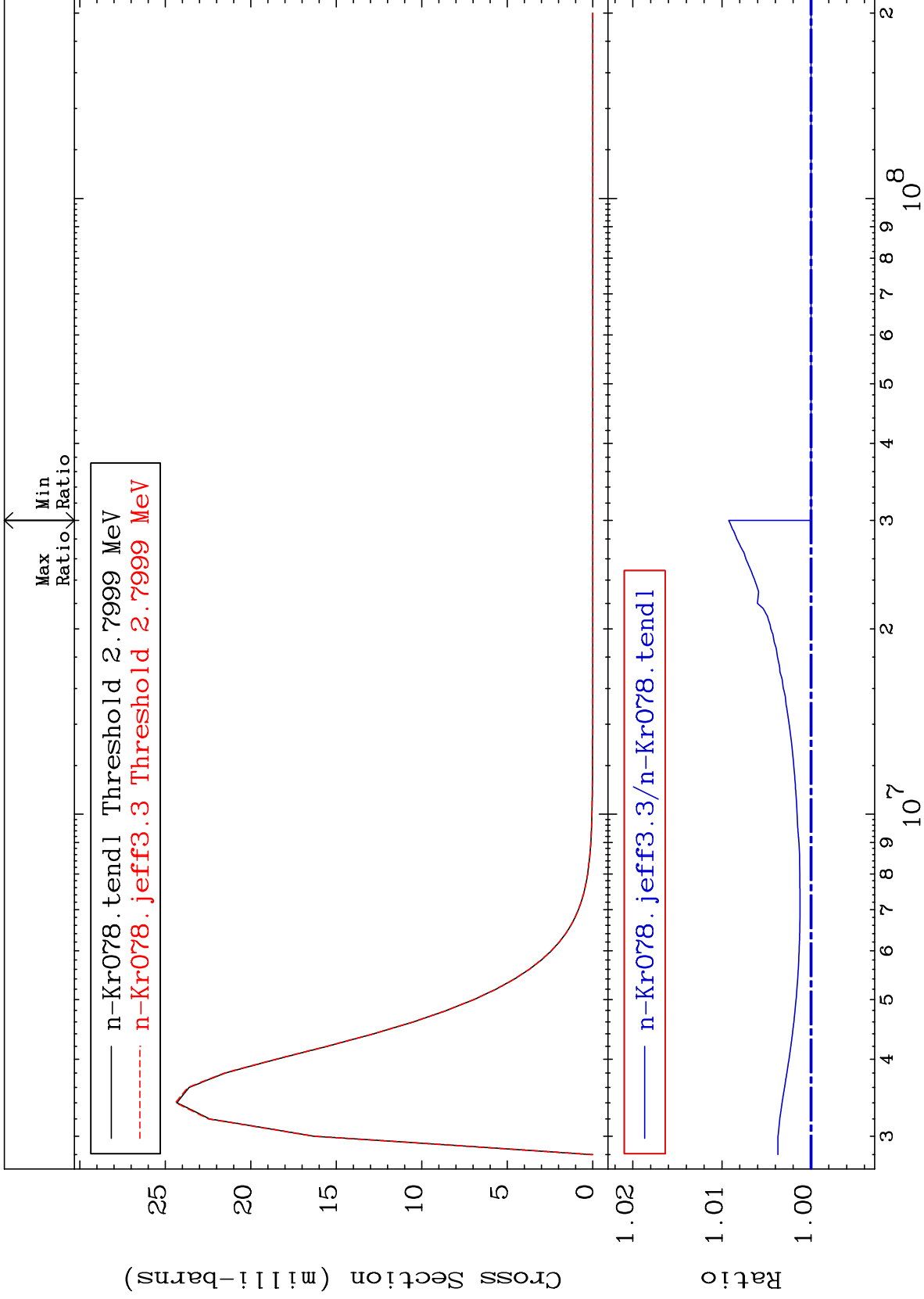
36-Kr-78
To 0.815 %



MAT 3625

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

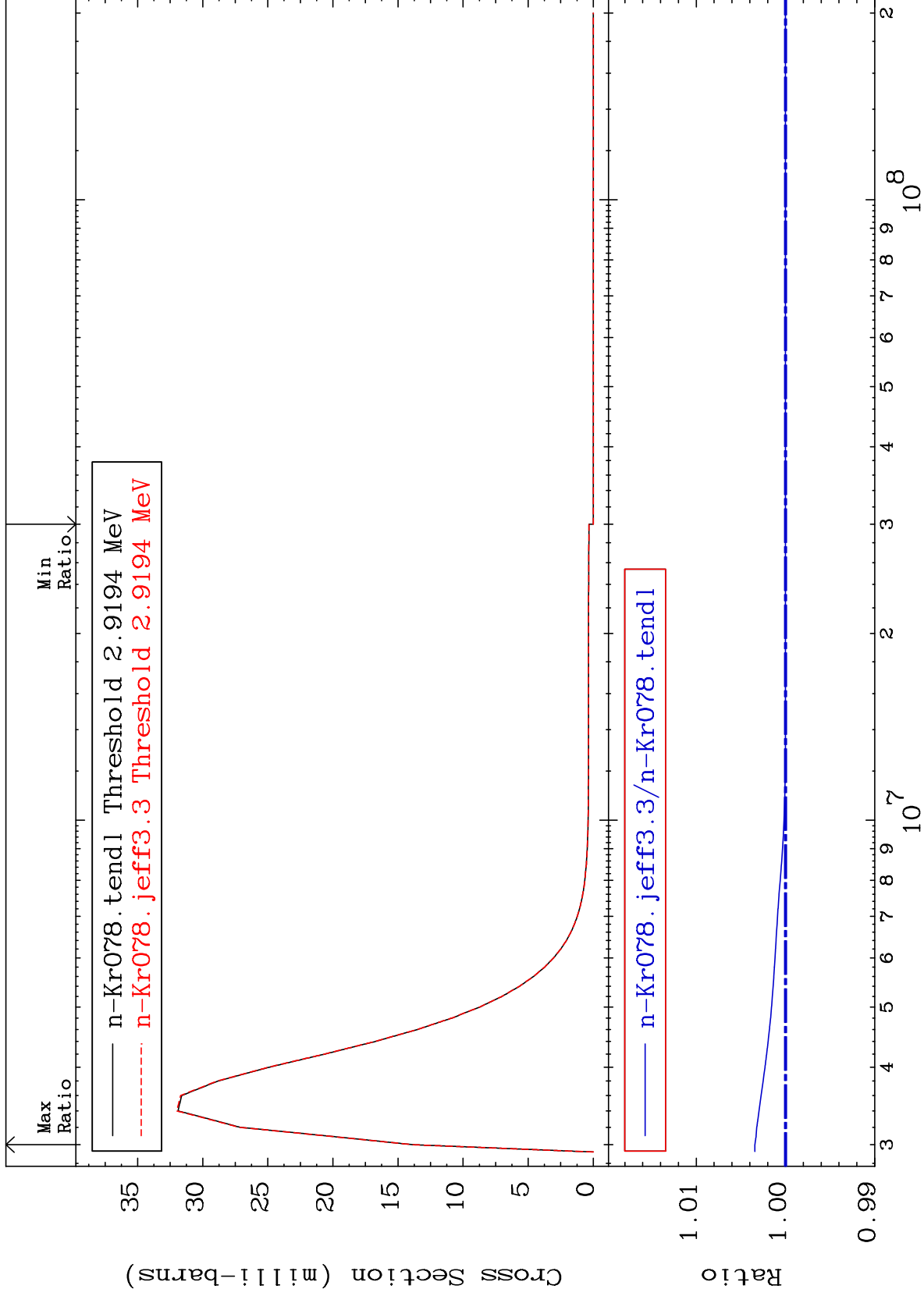
36-Kr-78
To 0.923 %



MAT 3625

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

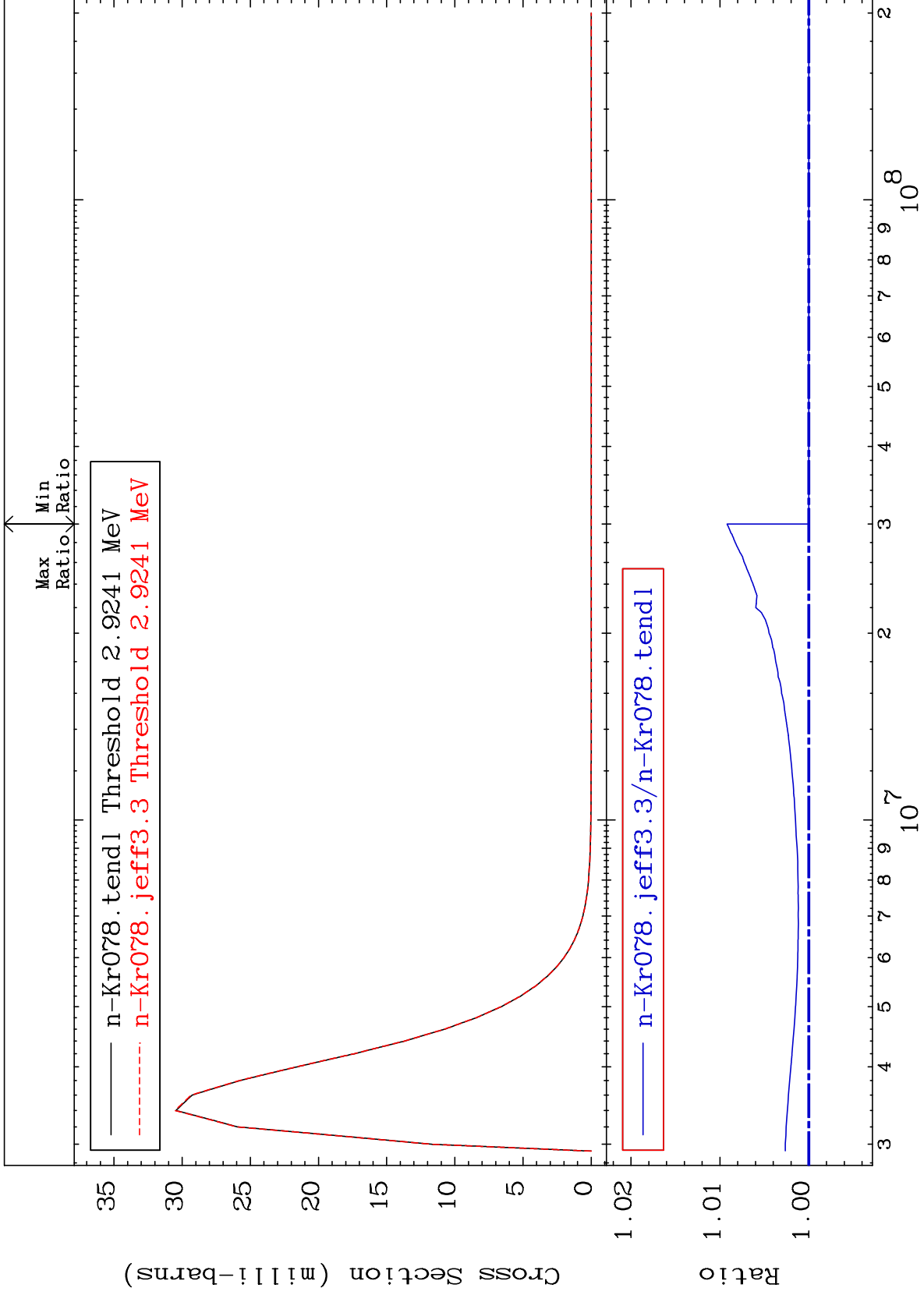
36-Kr-78
0.000 To 0.344 %



MAT 3625

MT= 77 (n, n') Level
Cross Section

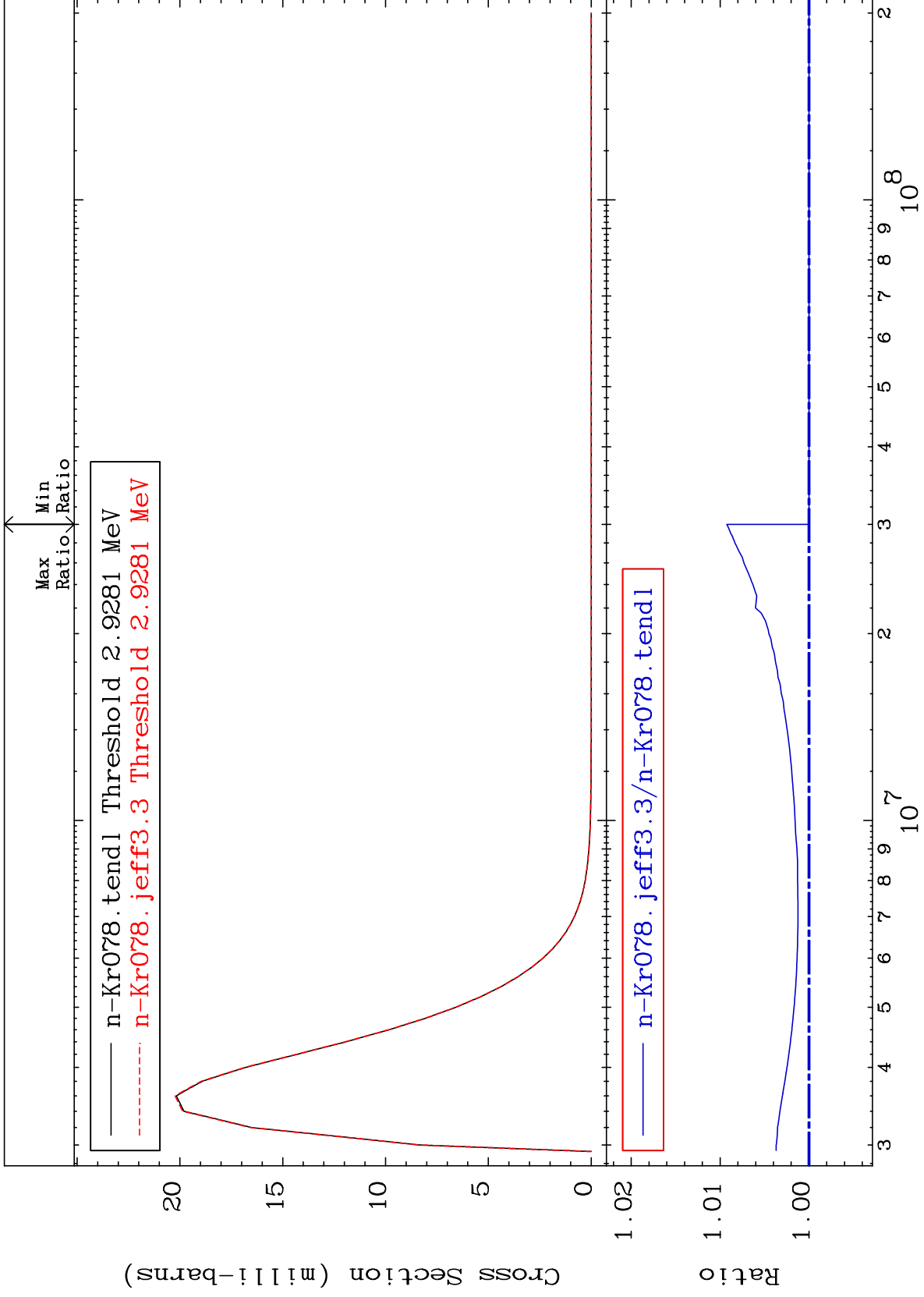
36-Kr-78
To 0.919 %



MAT 3625

MT= 78 (n,n') Level
Cross Section

36-Kr-78
To 0.923 %



45

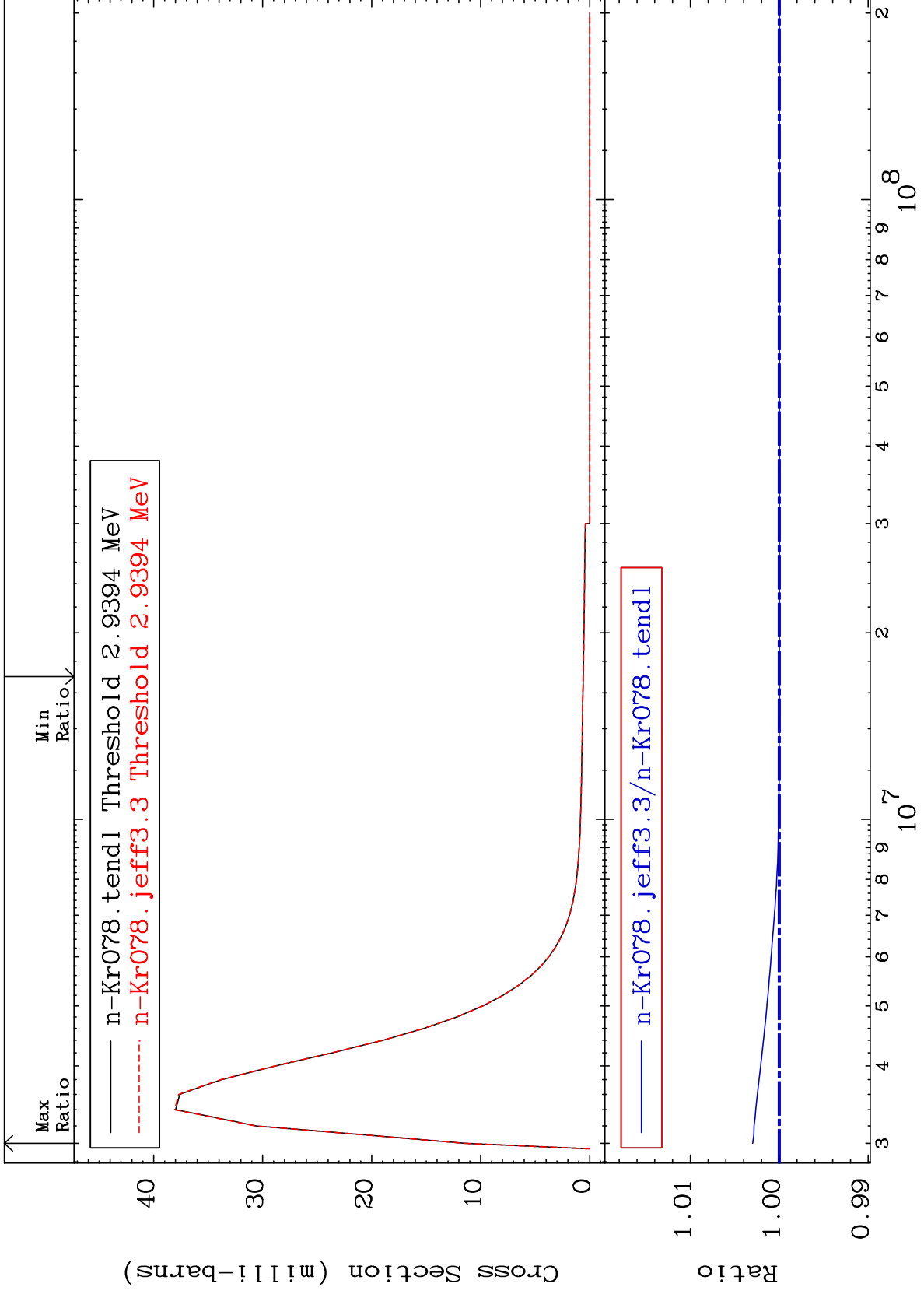
Incident Energy (eV)

36-Kr-78

MAT 3625

MT= 79 (n,n') Level
Cross Section

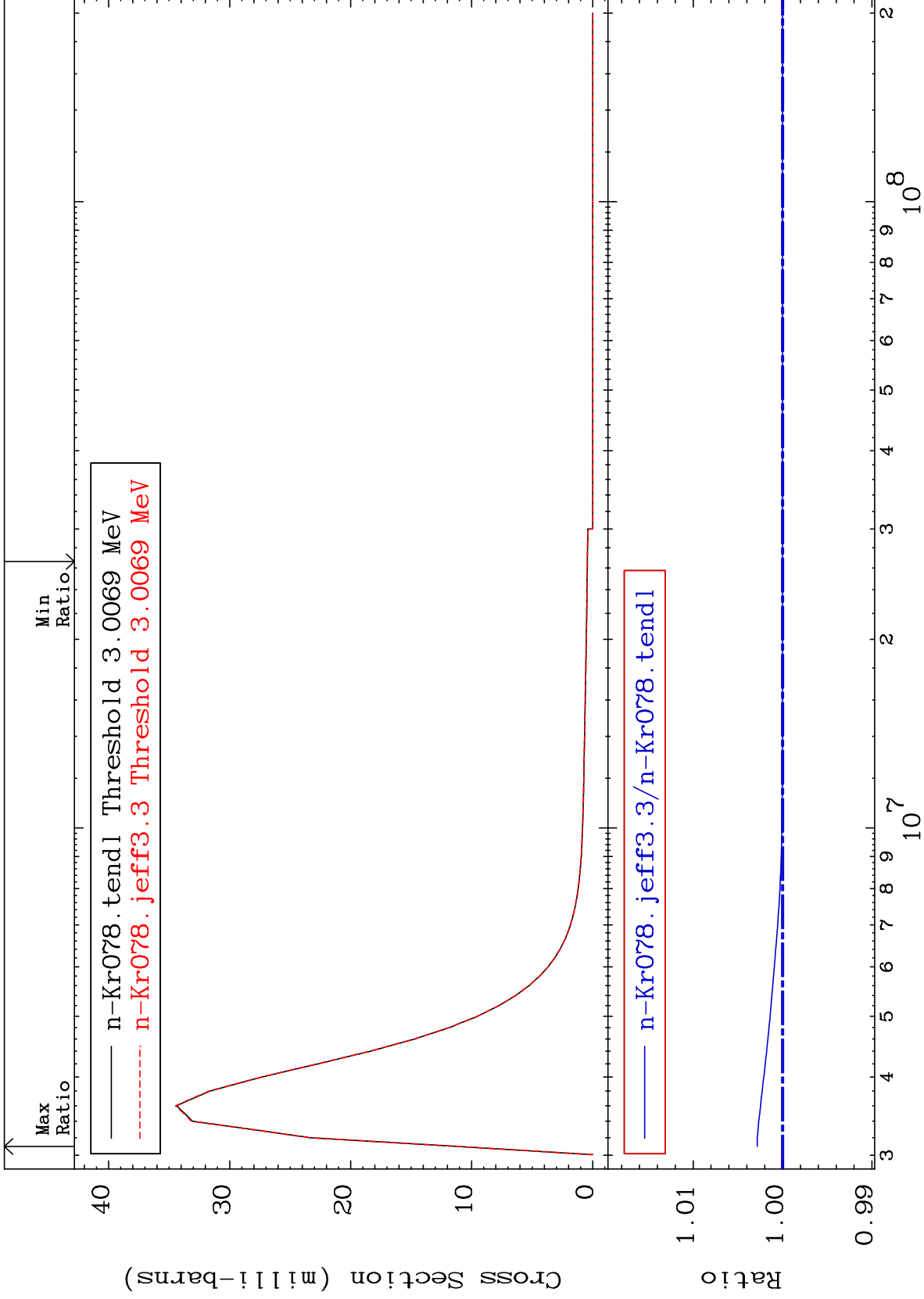
36-Kr-78
0.000 To 0.299 %



MAT 3625

MT= 80 (n,n') Level
Cross Section

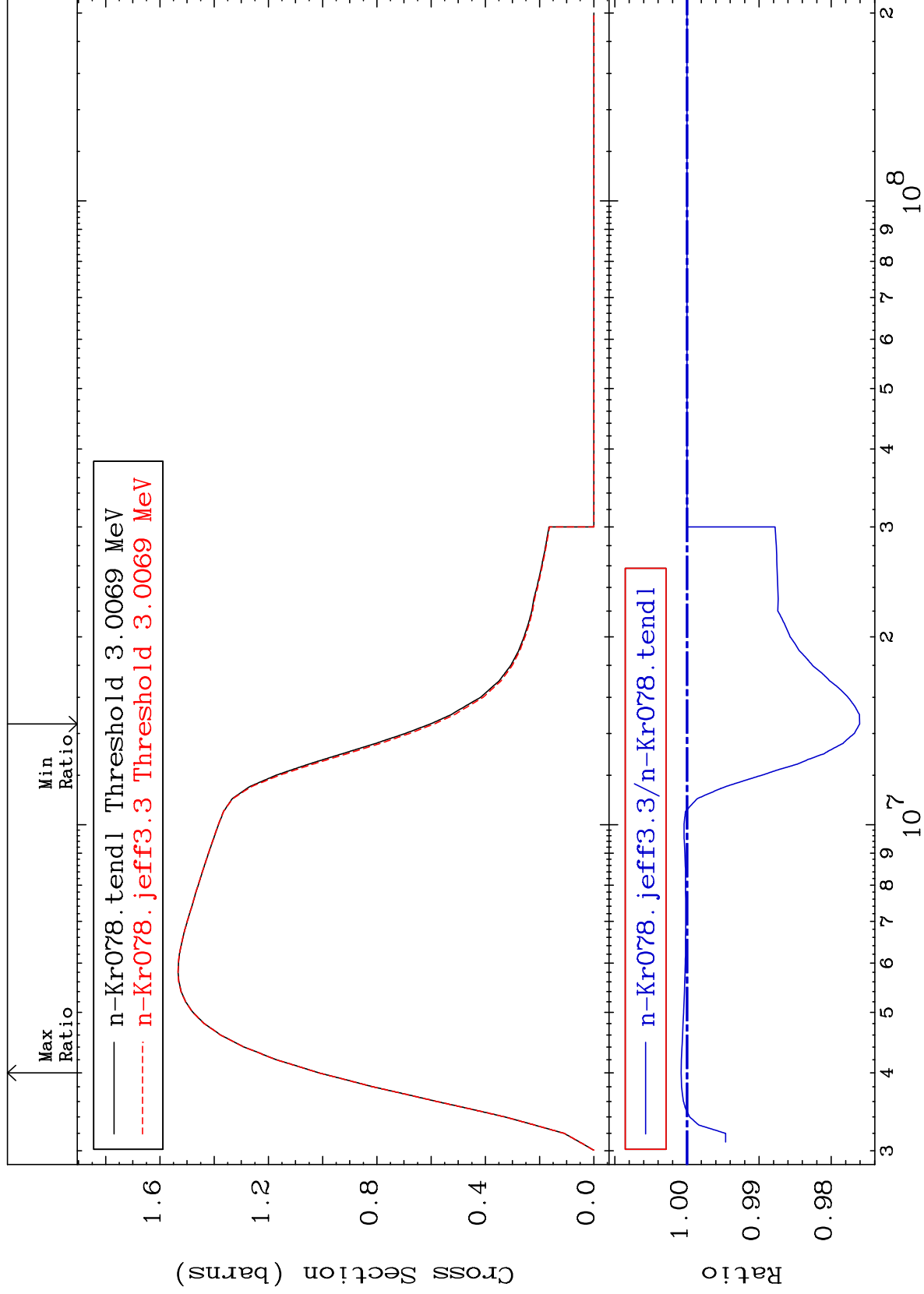
36-Kr-78
0.000 To 0.283 %



MAT 3625

(n, n') Continuum
Cross Section

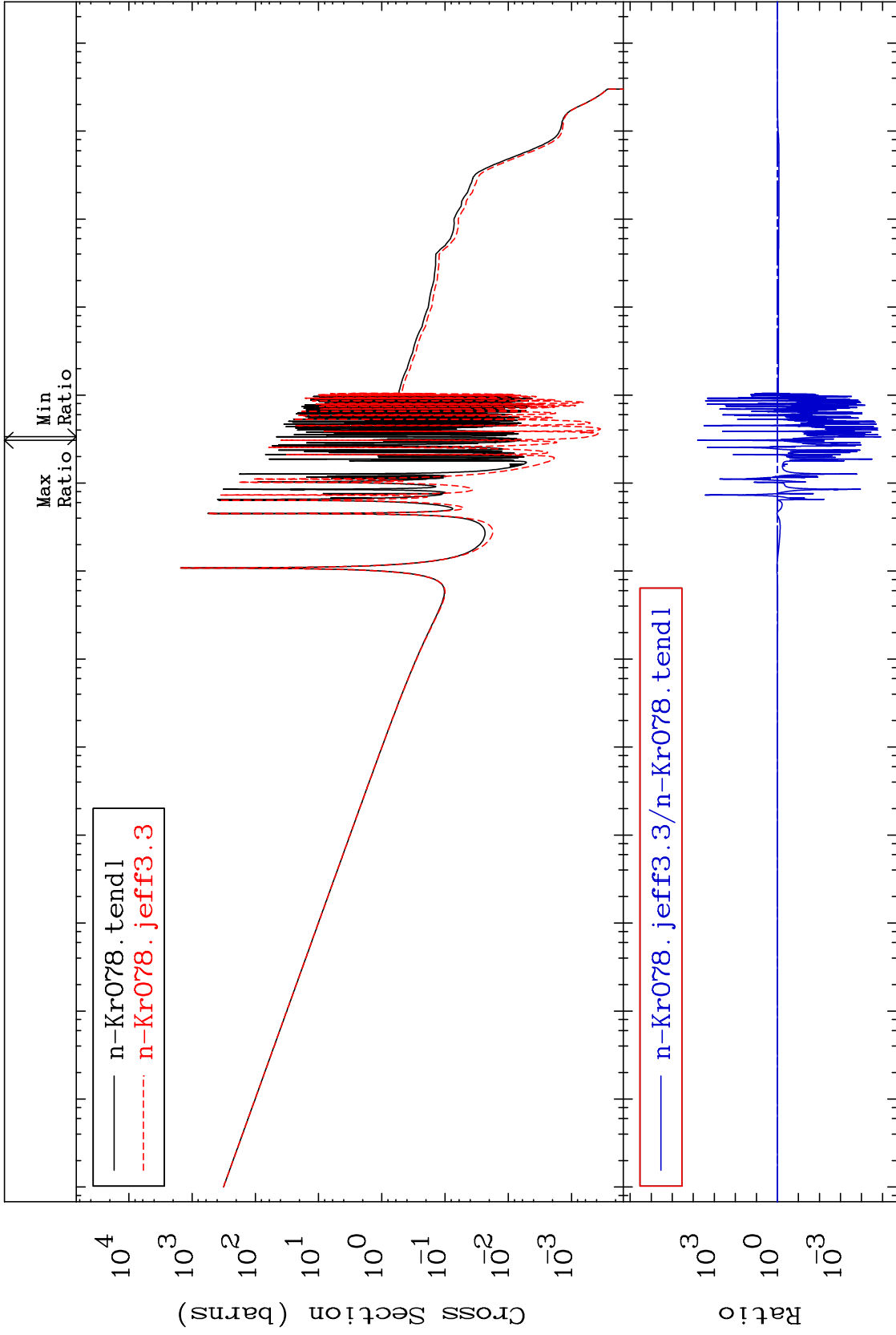
36-Kr-78
-2.394 To 0.080 %



48

Incident Energy (eV)

36-Kr-78



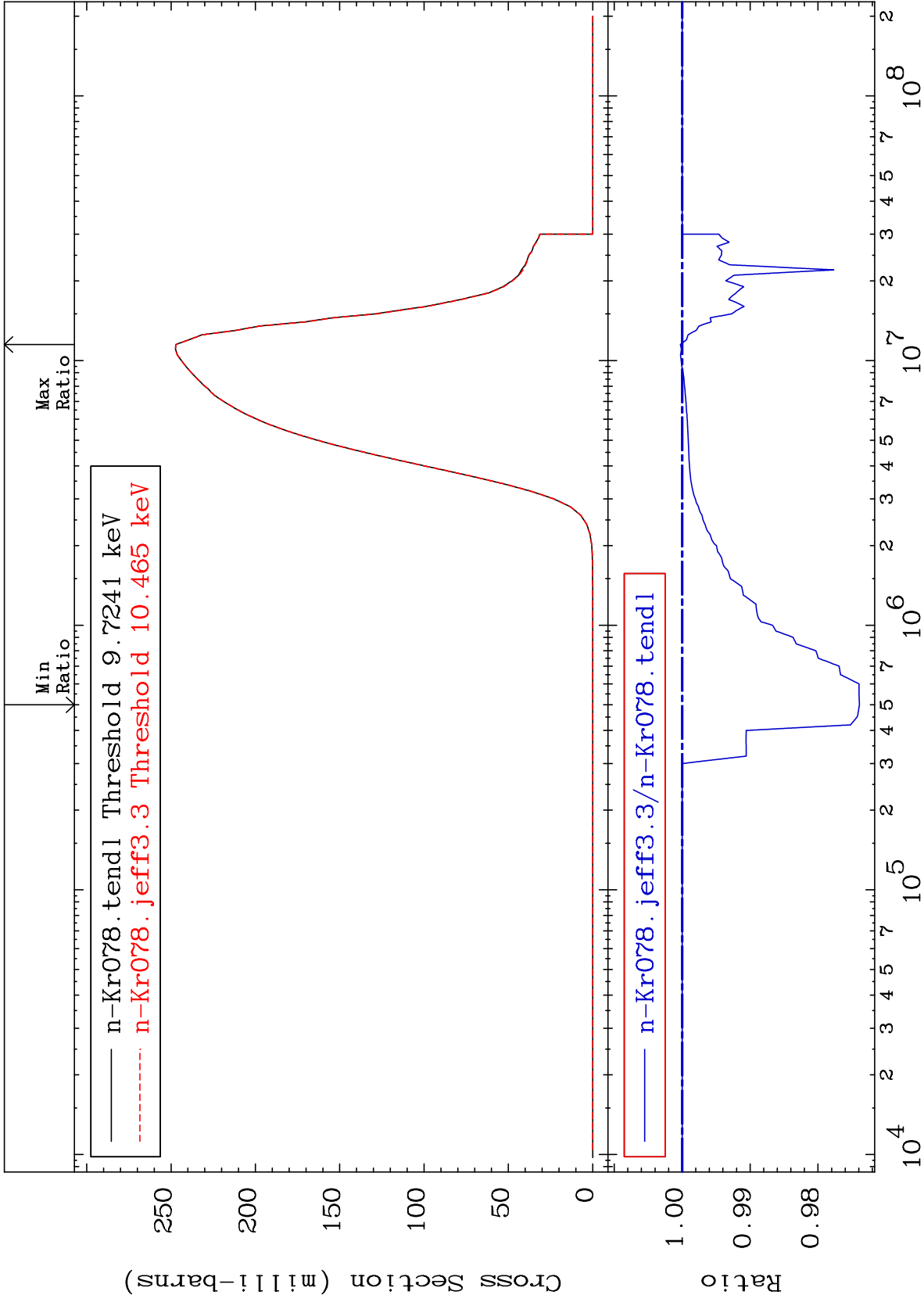
MAT 3625

(n, p)

³⁶Kr-78

Cross Section

-2.609 To 0.027 %

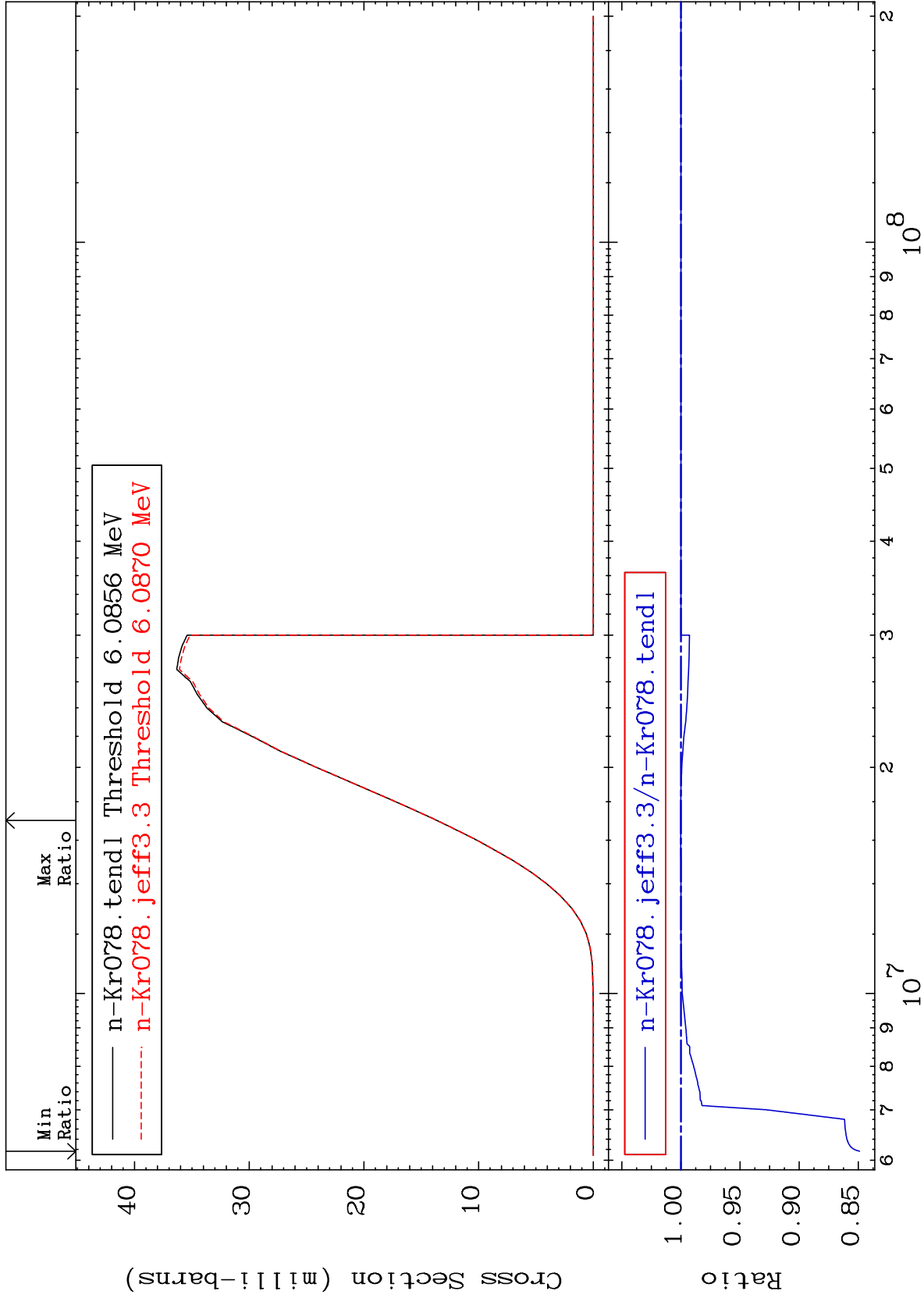


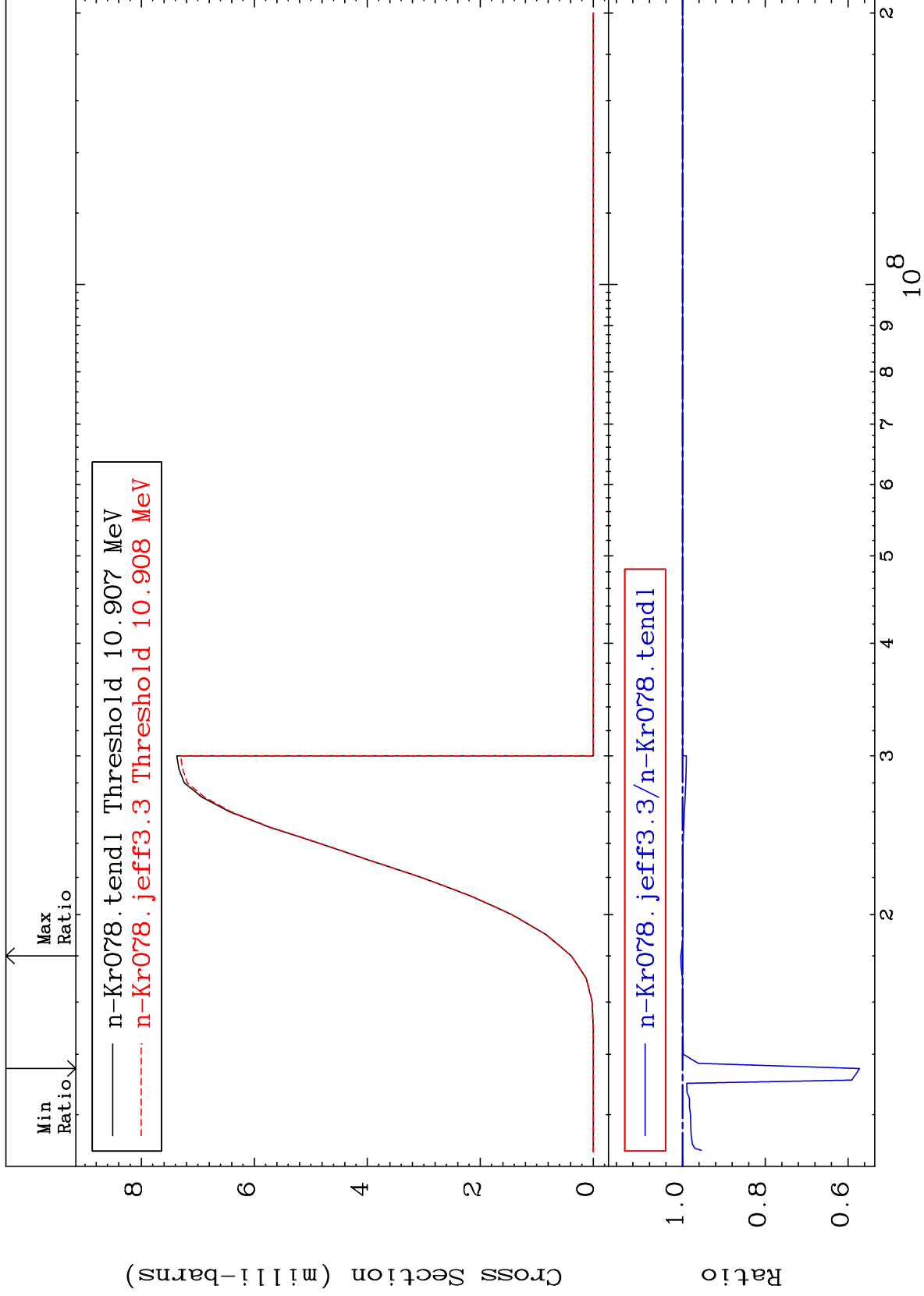
Incident Energy (eV)

³⁶Kr-78

Cross Section

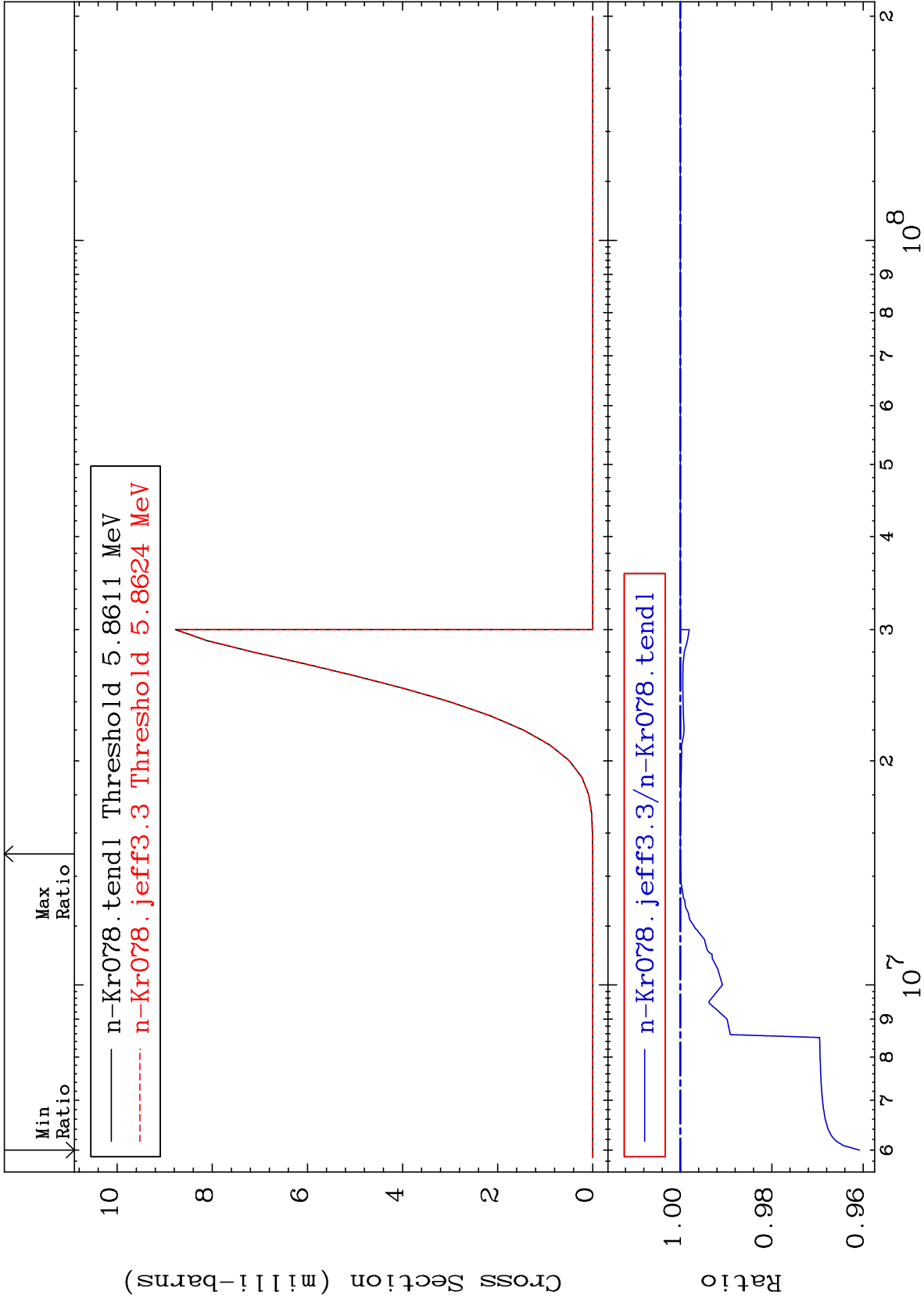
-15.11 To 0.015 %





Cross Section

-3.919 To 0.000 %



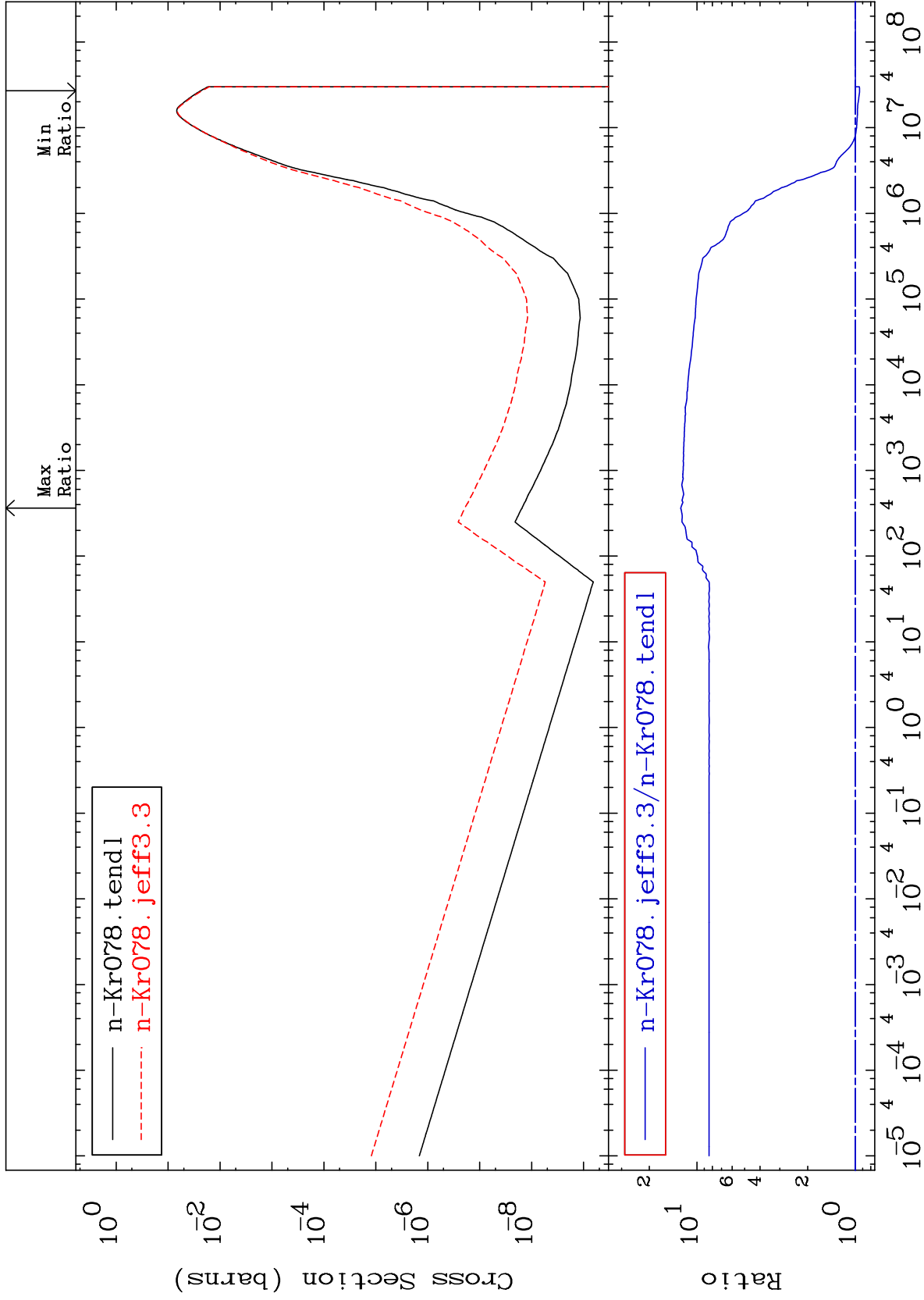
MAT 3625

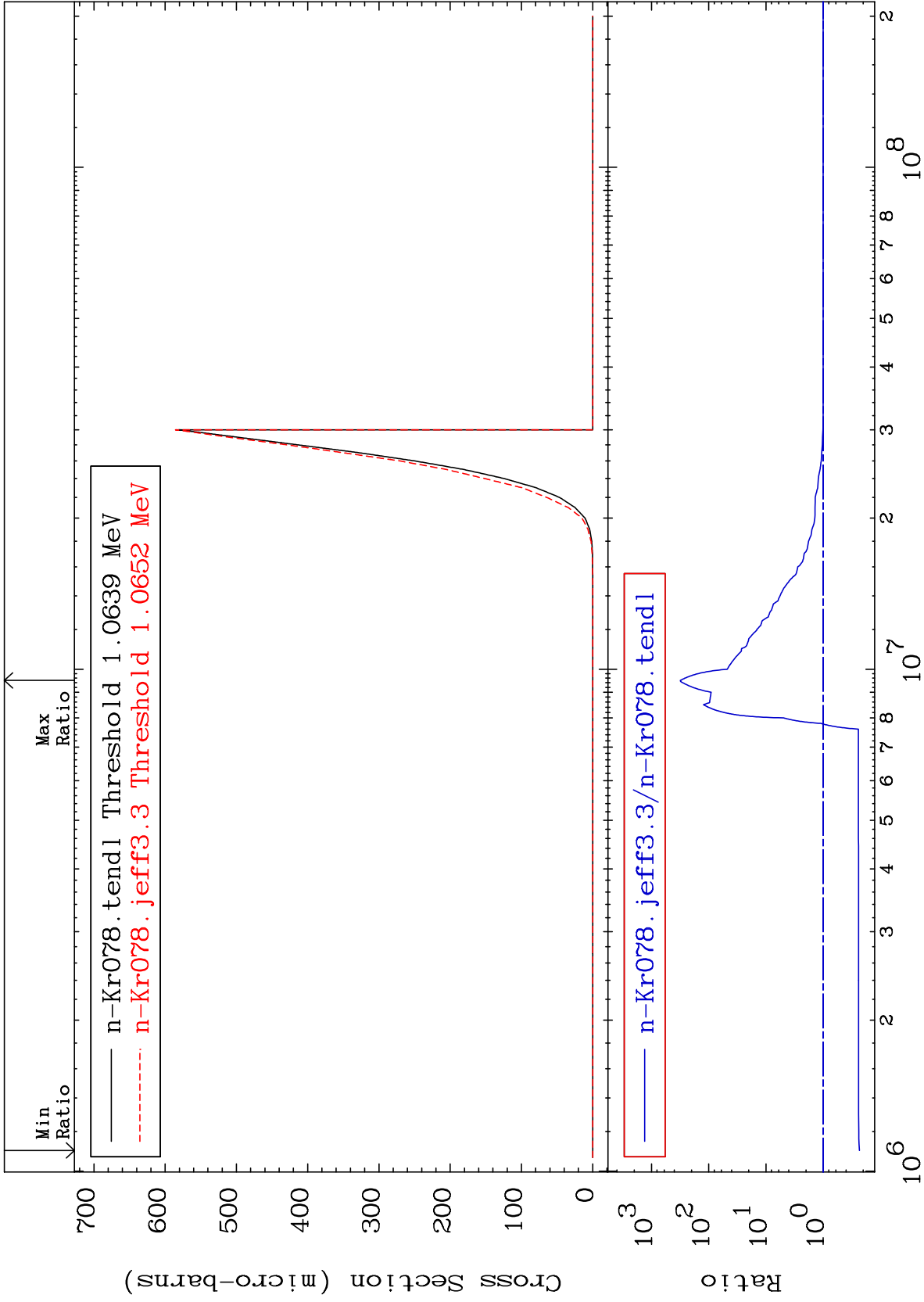
(n, α)

36-Kr-78

Cross Section

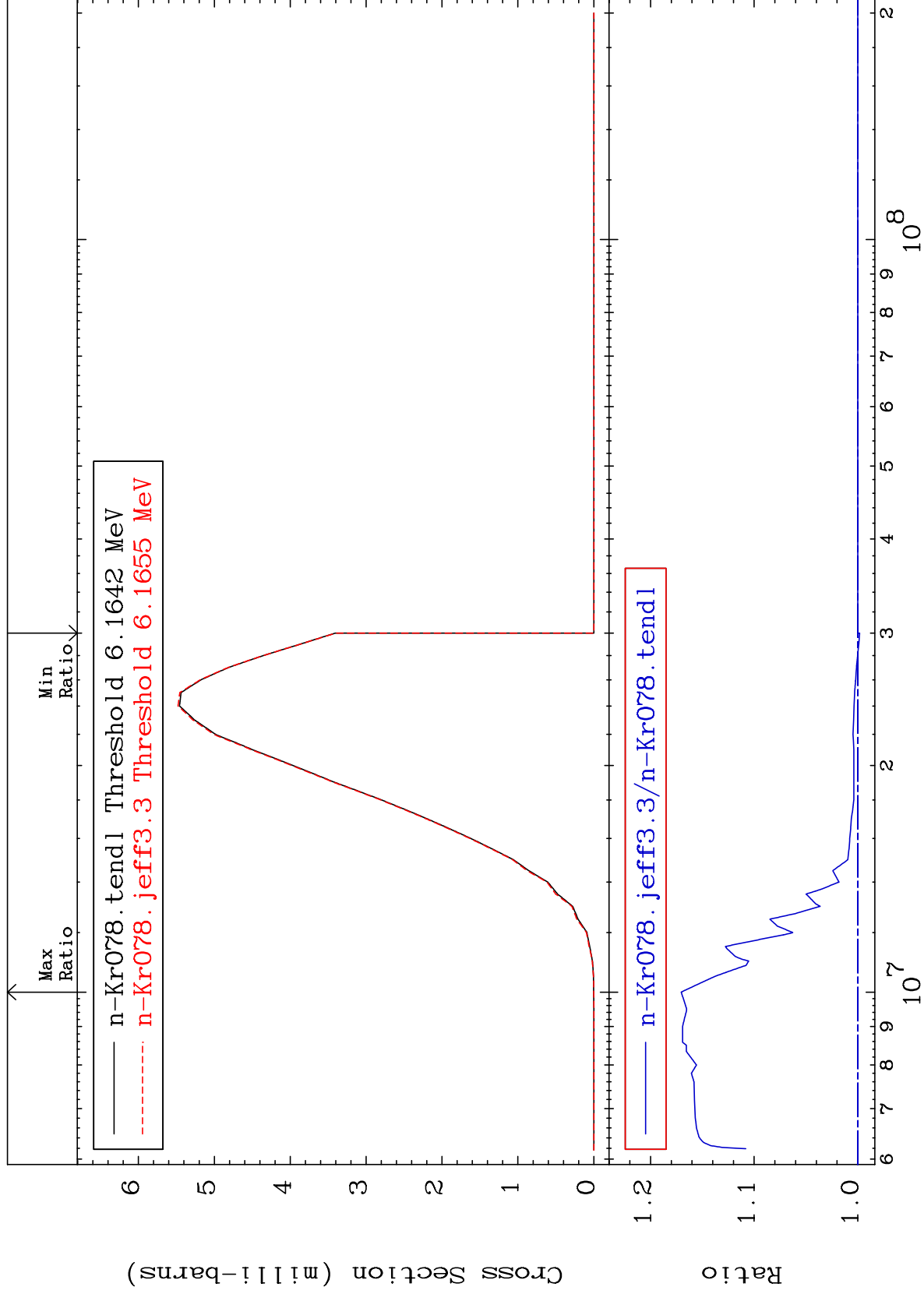
-5.830 To 1167. %





Cross Section

-0.179 To 17.04 %



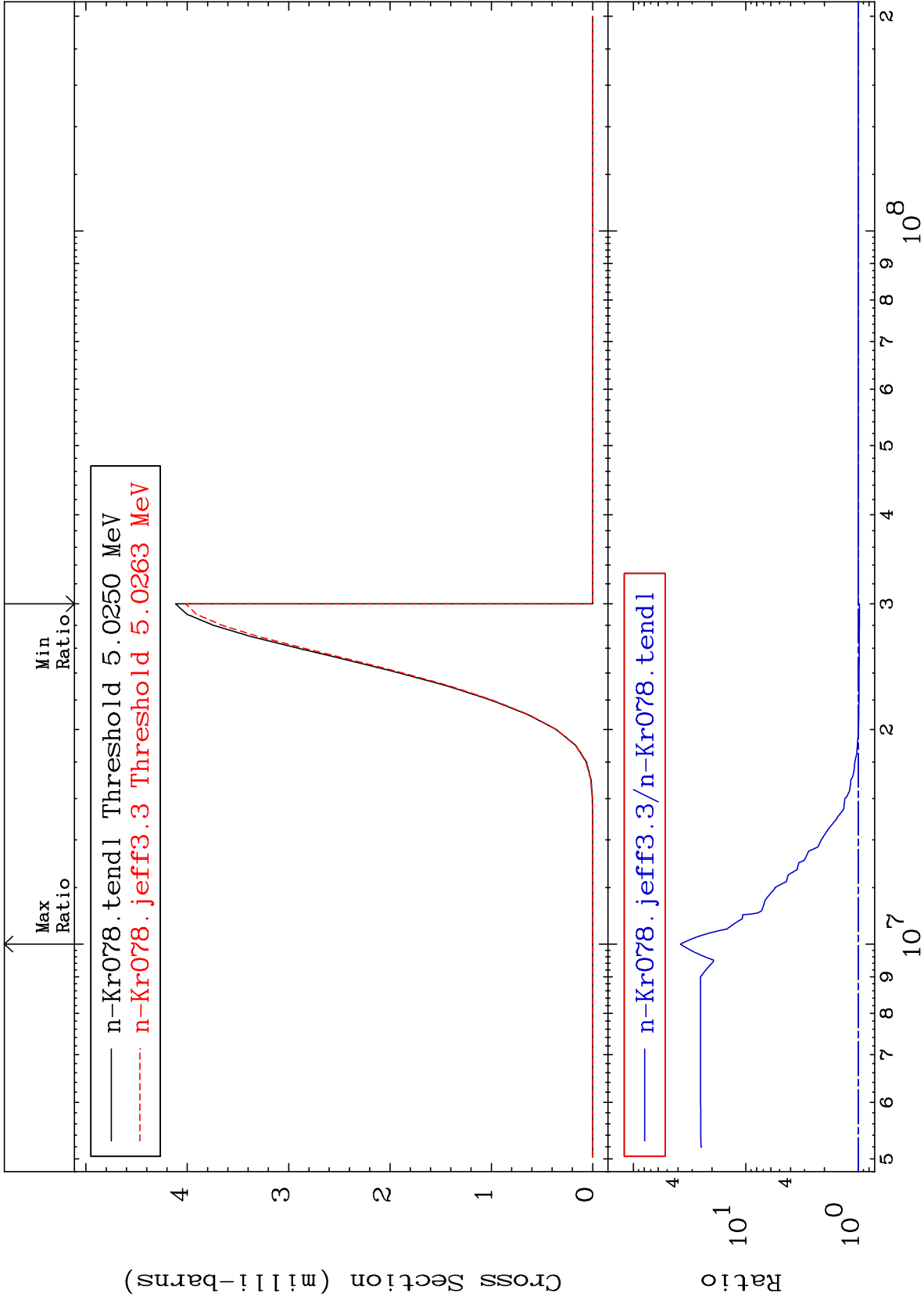
MAT 3625

(n, p) α

³⁶Kr-78

-2.436 To 3720. %

Cross Section



57

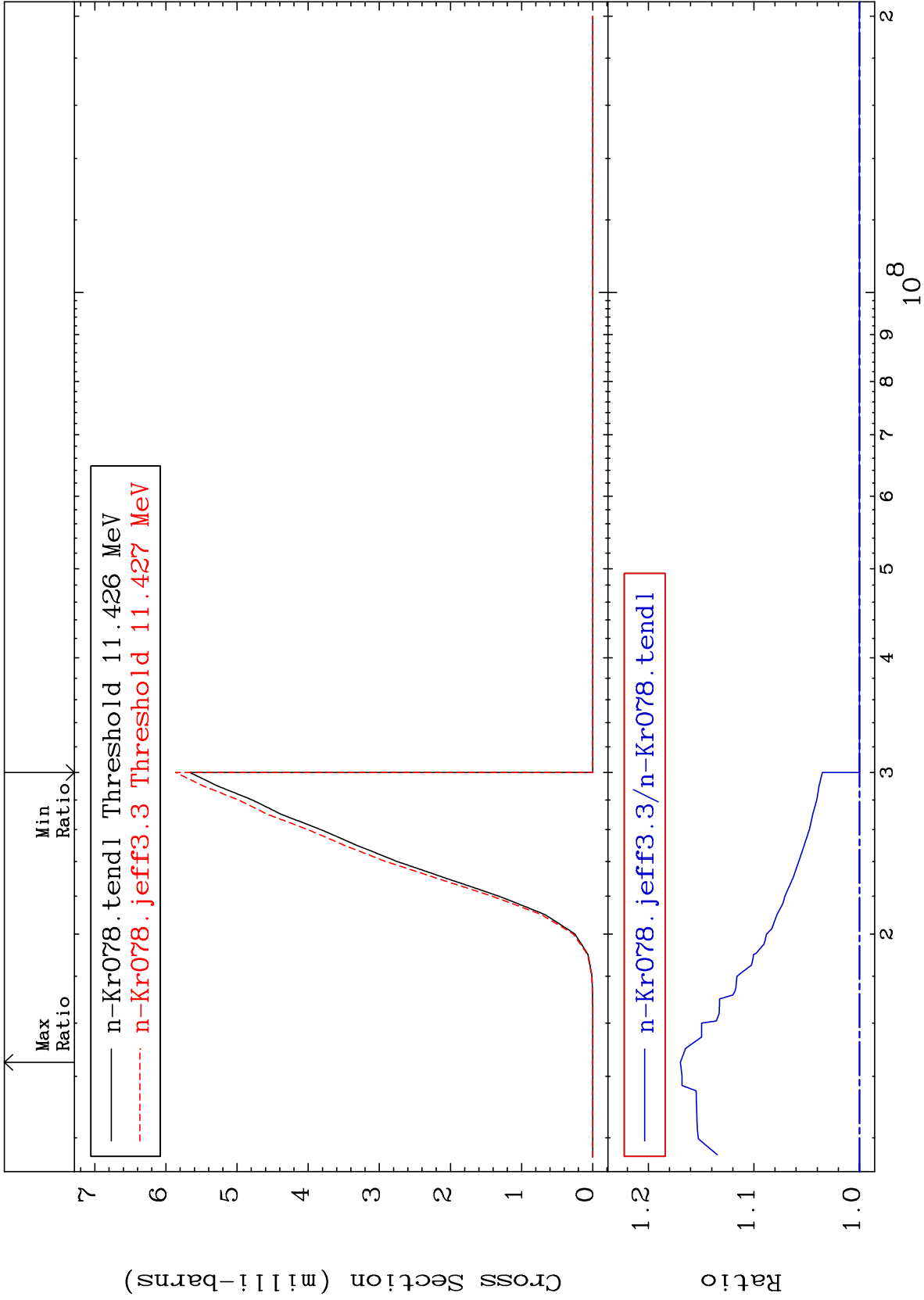
Incident Energy (eV)

³⁶Kr-78

MAT 3625

(n,p) d
Cross Section

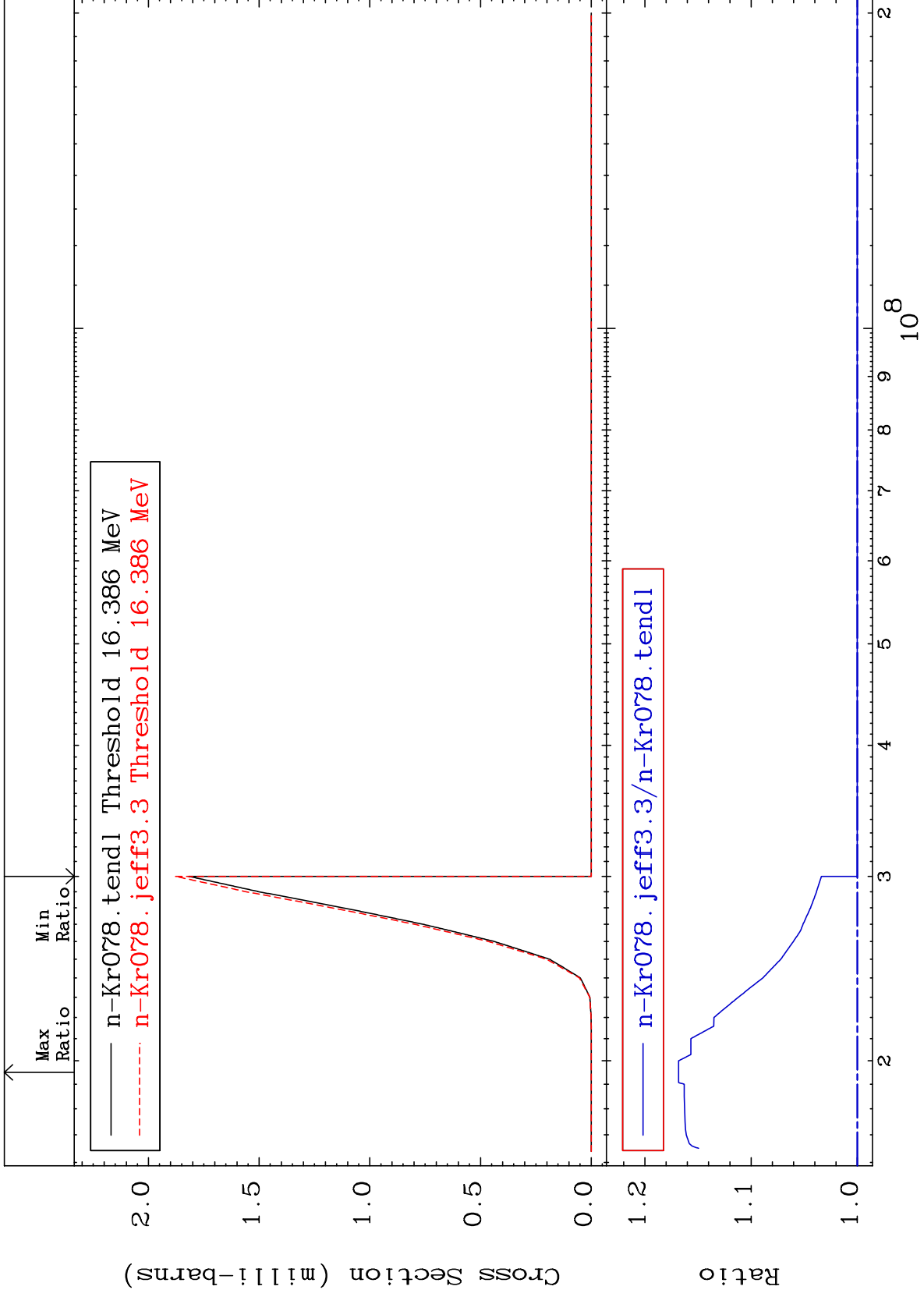
36-Kr-78
0.000 To 16.97 %



MAT 3625

(n,p) t
Cross Section

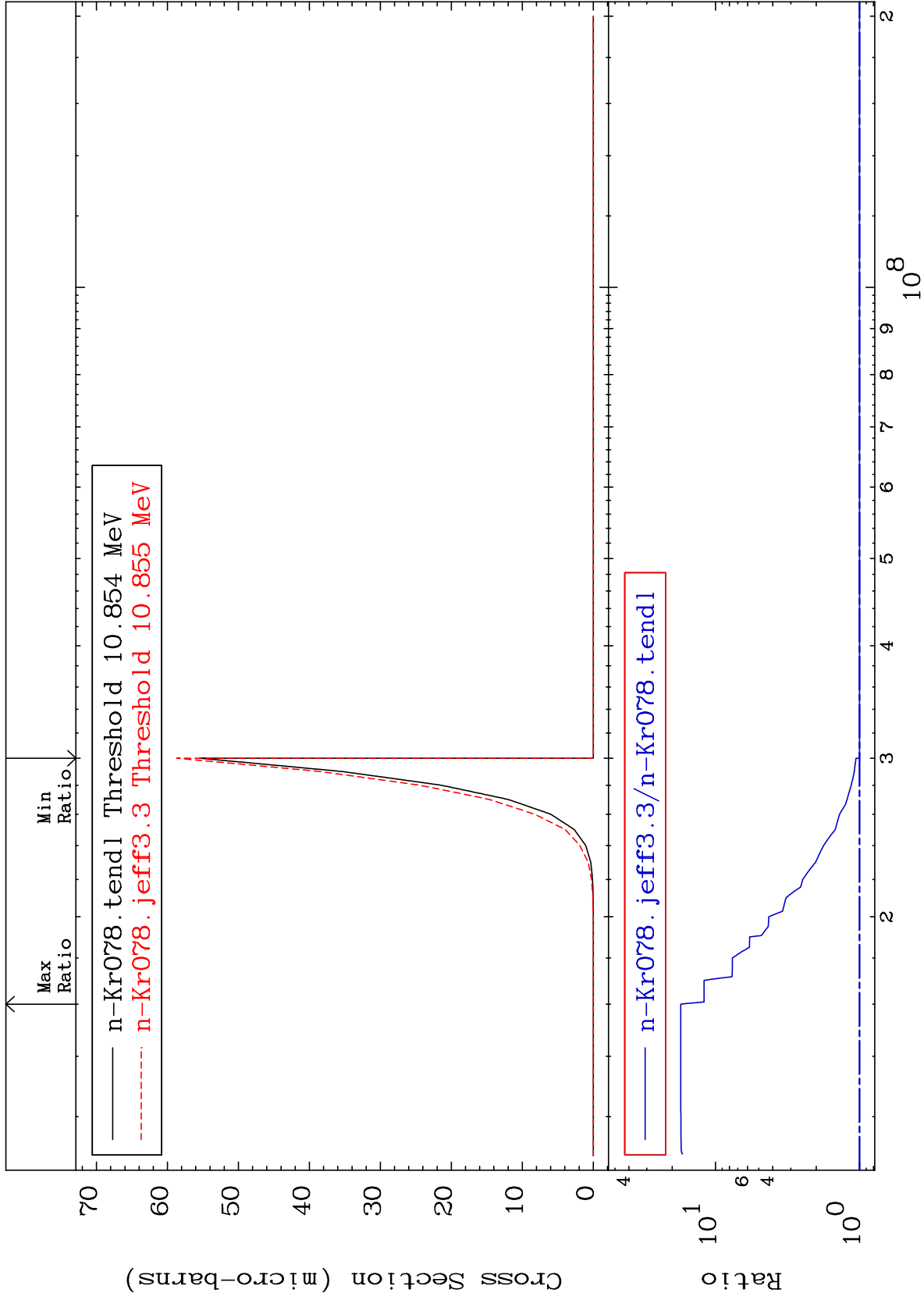
³⁶Kr-78
0.000 To 16.83 %



MAT 3625

(n, d) α
Cross Section

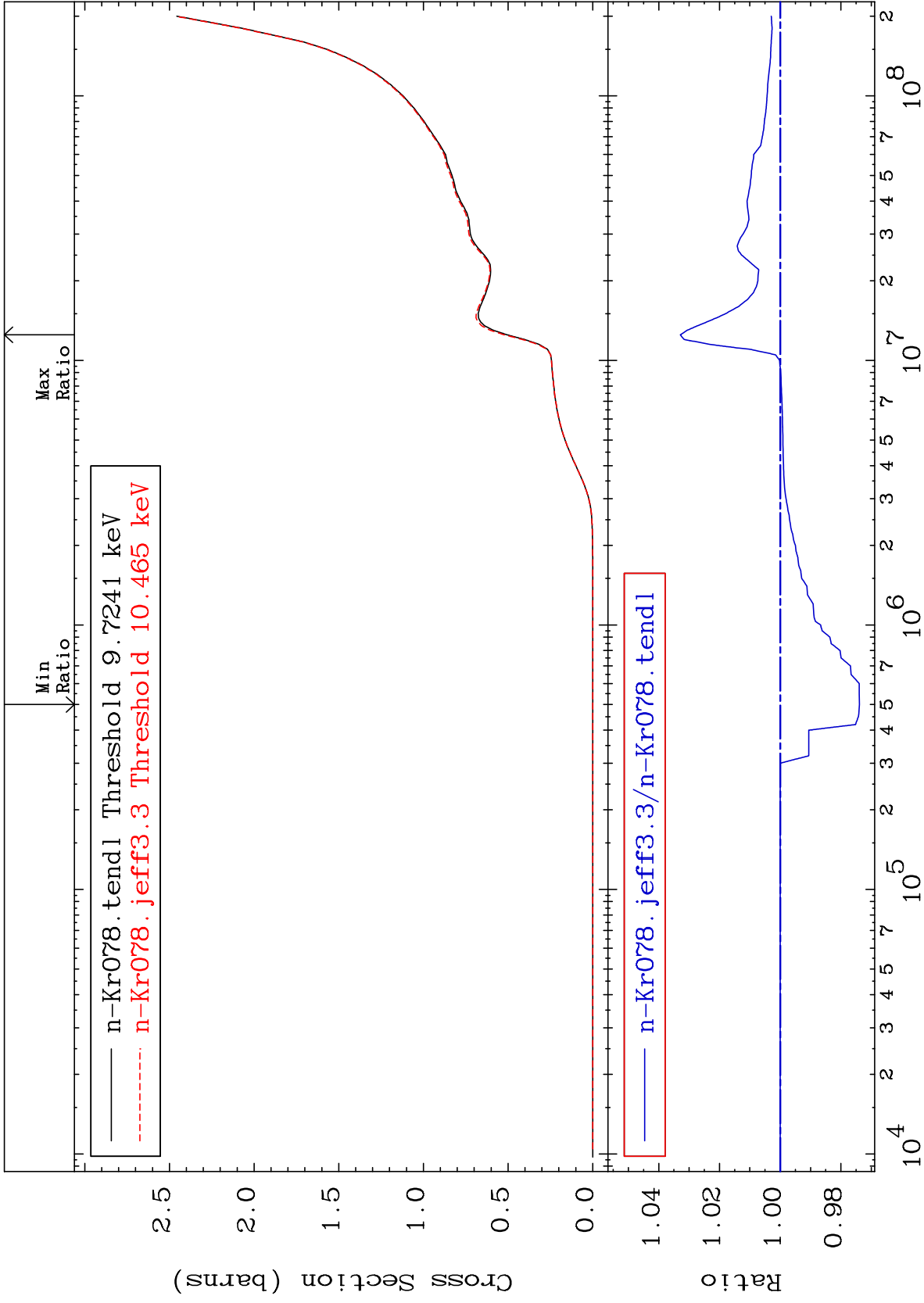
$^{36}\text{Kr-78}$
0.000 To 1643. %



60

Incident Energy (eV)

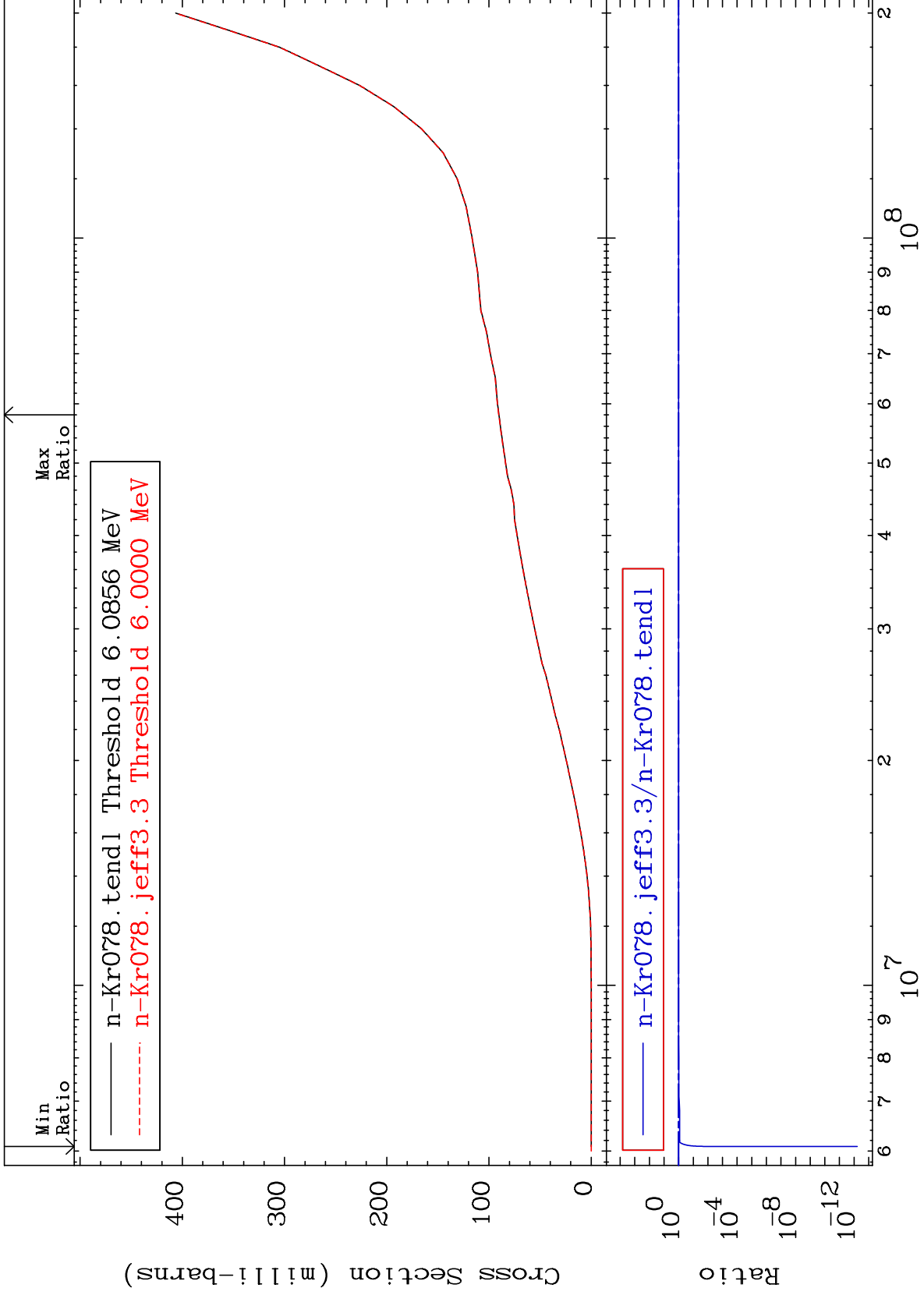
$^{36}\text{Kr-78}$



MAT 3625

Deuterium Production
Cross Section

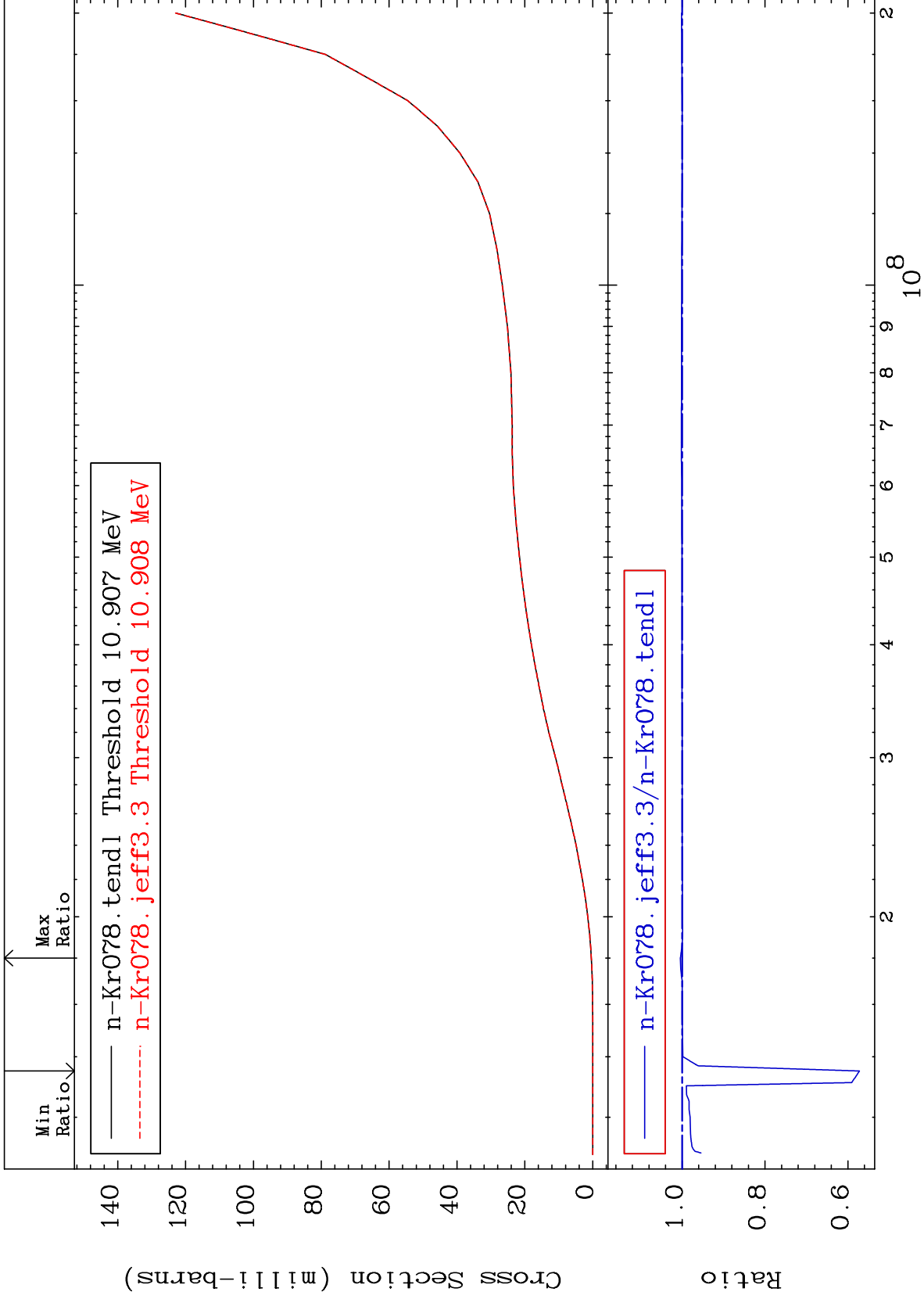
³⁶Kr-78
-100.0 To 0.180 %

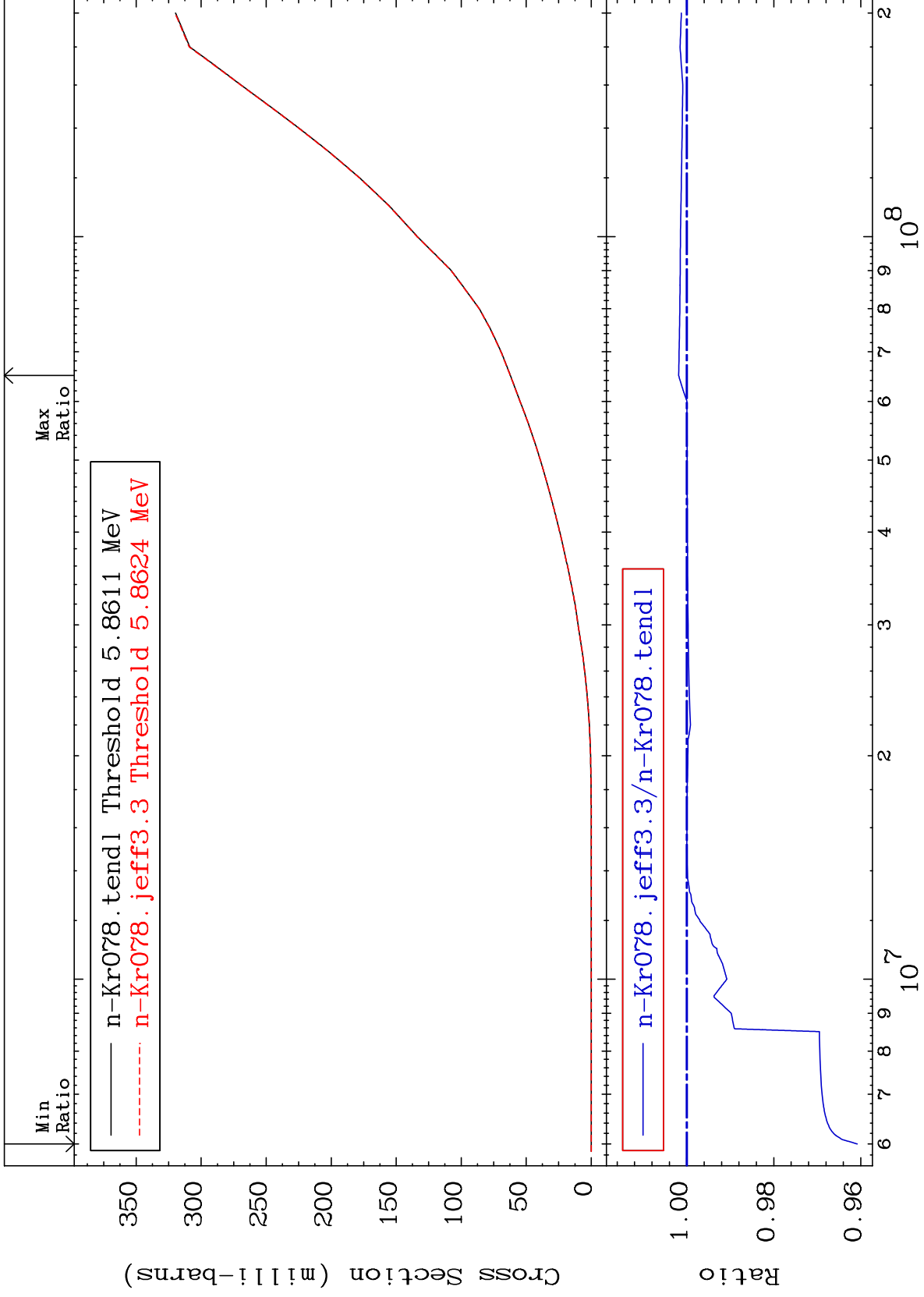


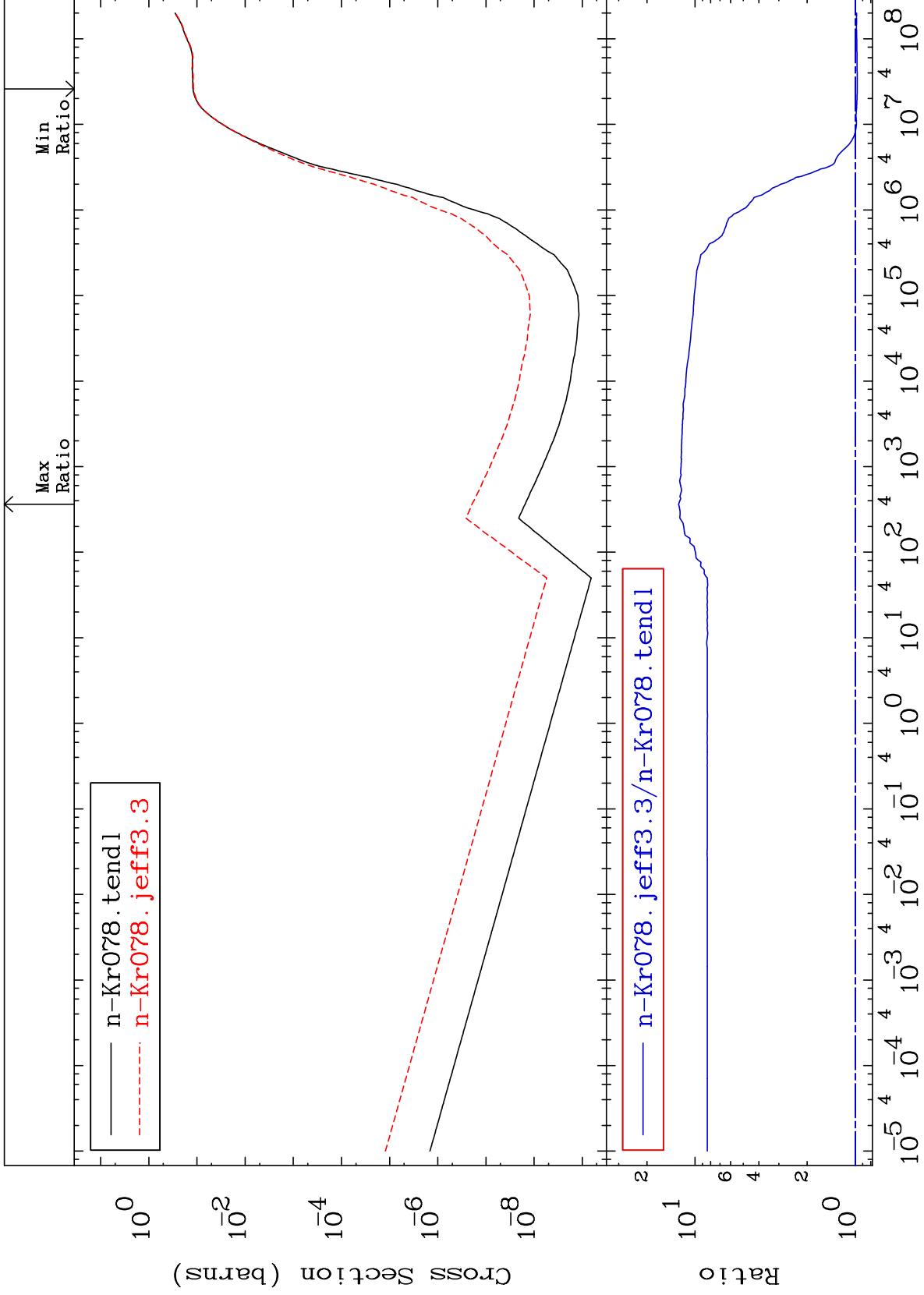
62

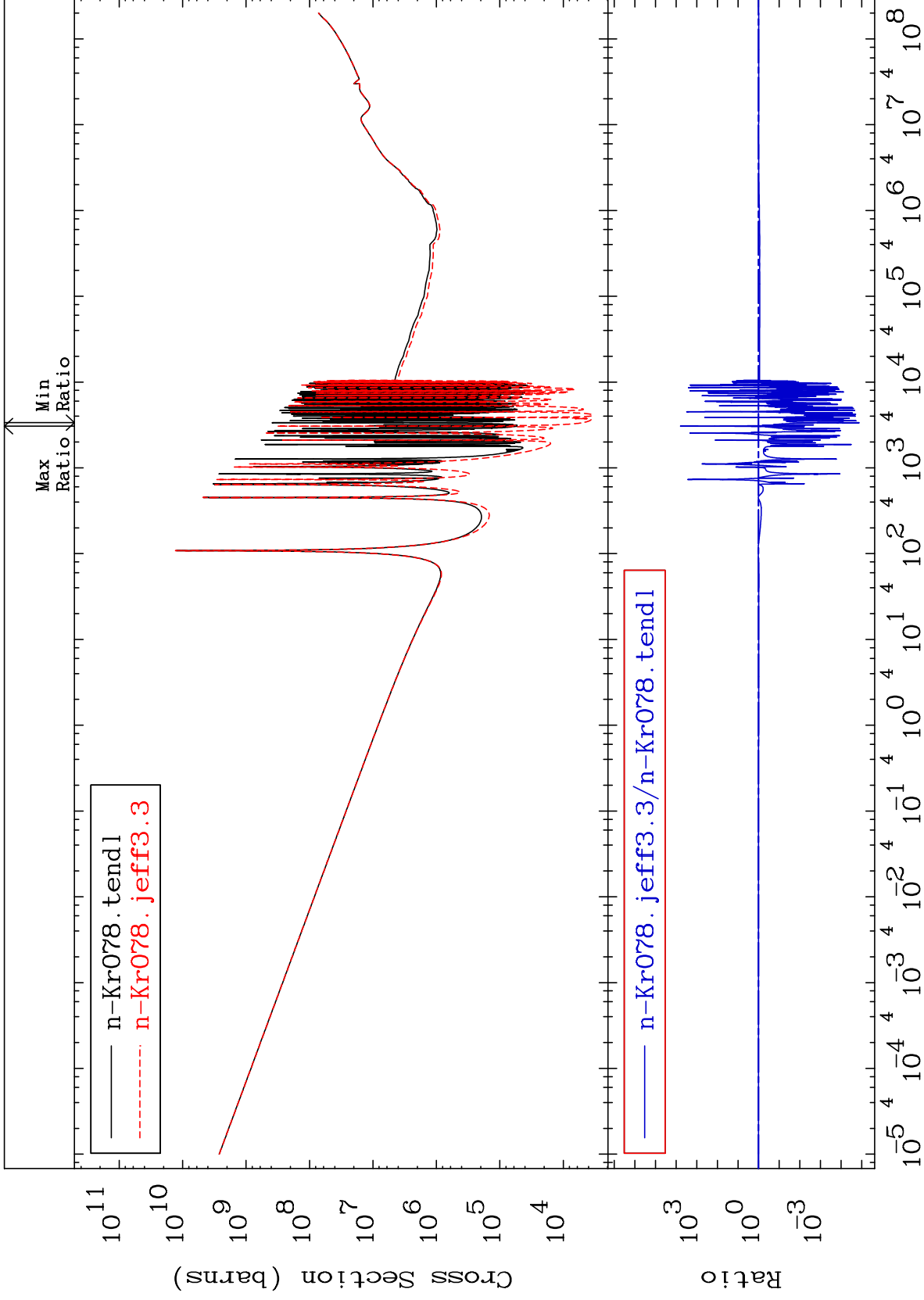
Incident Energy (eV)

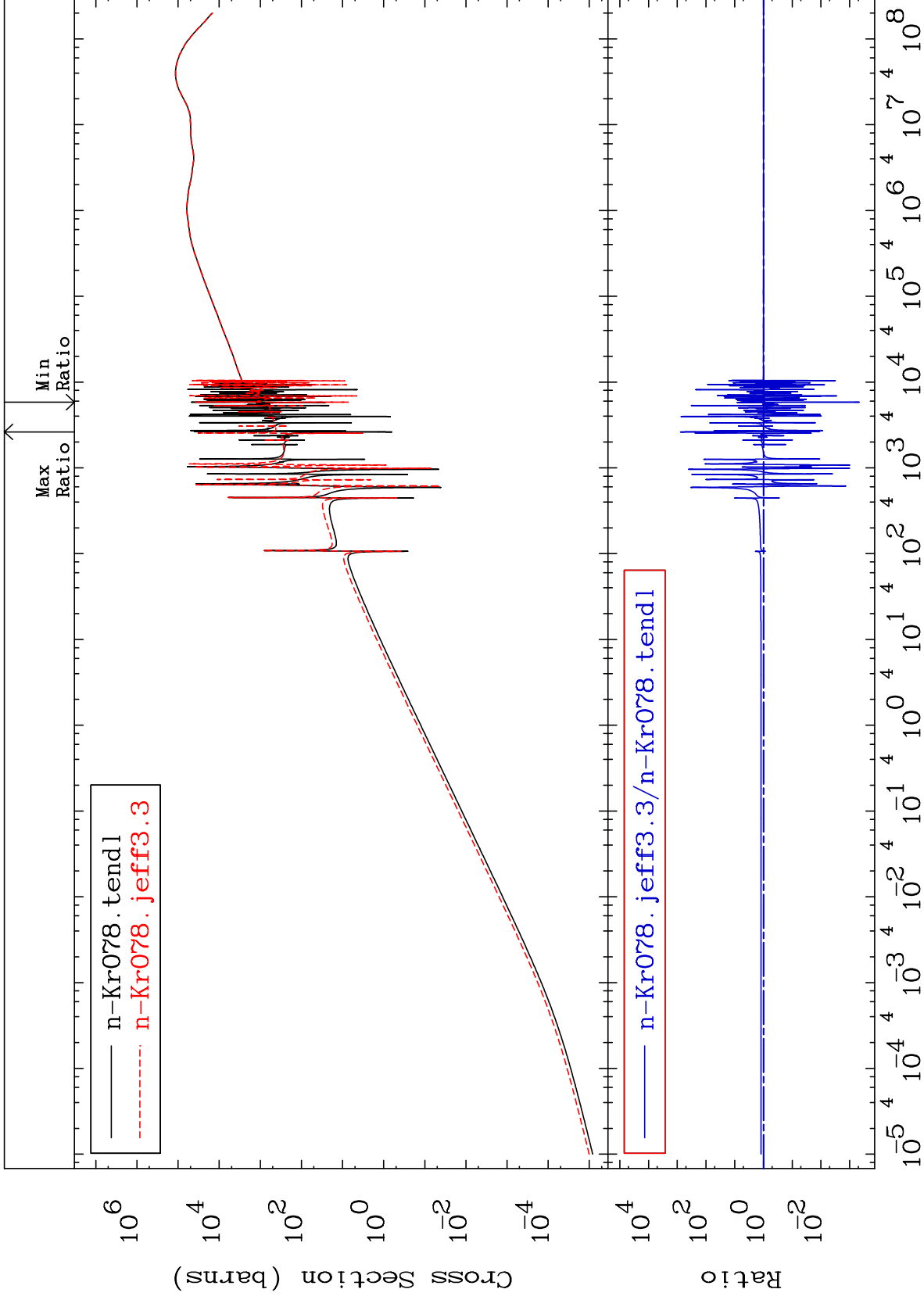
³⁶Kr-78

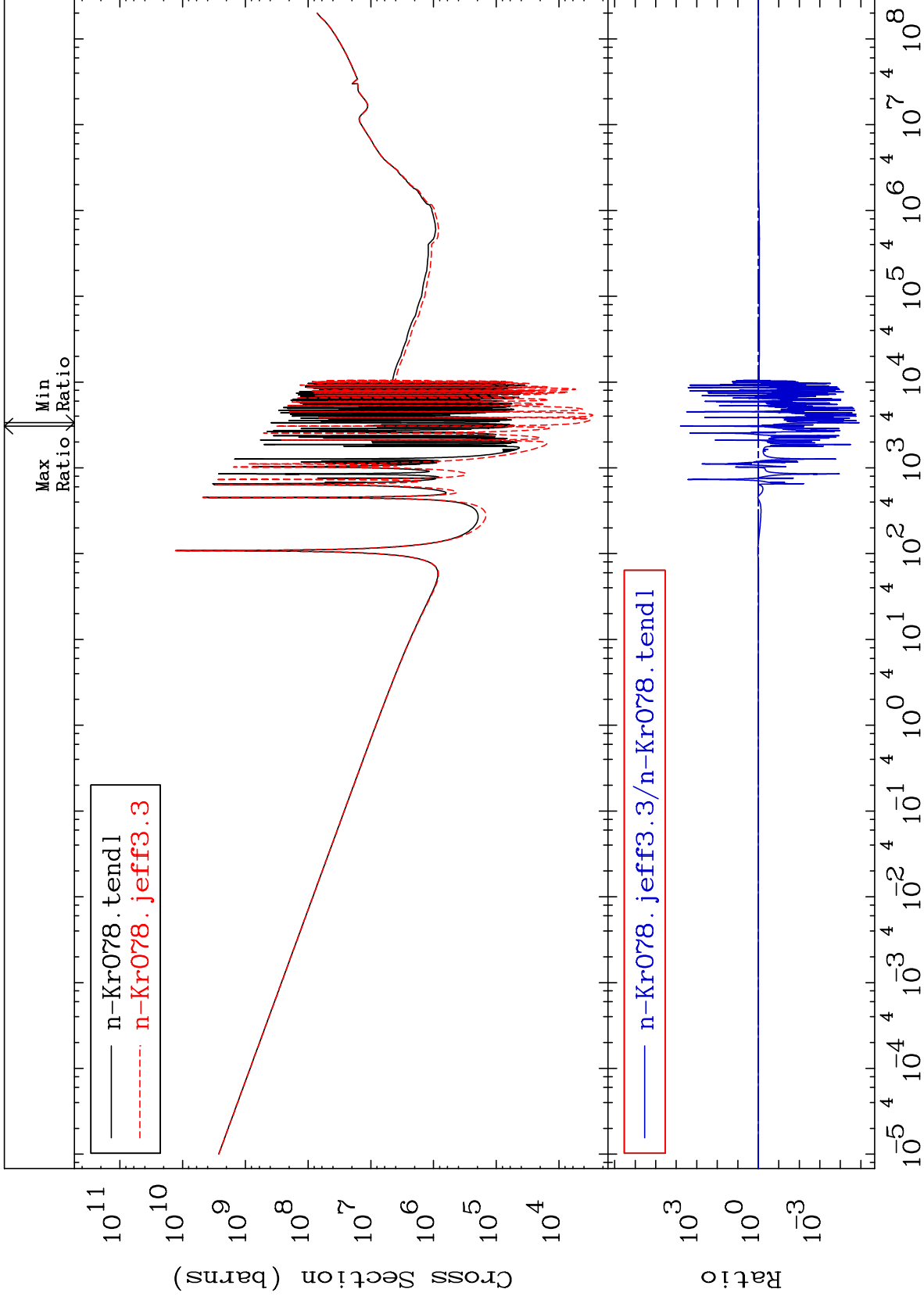


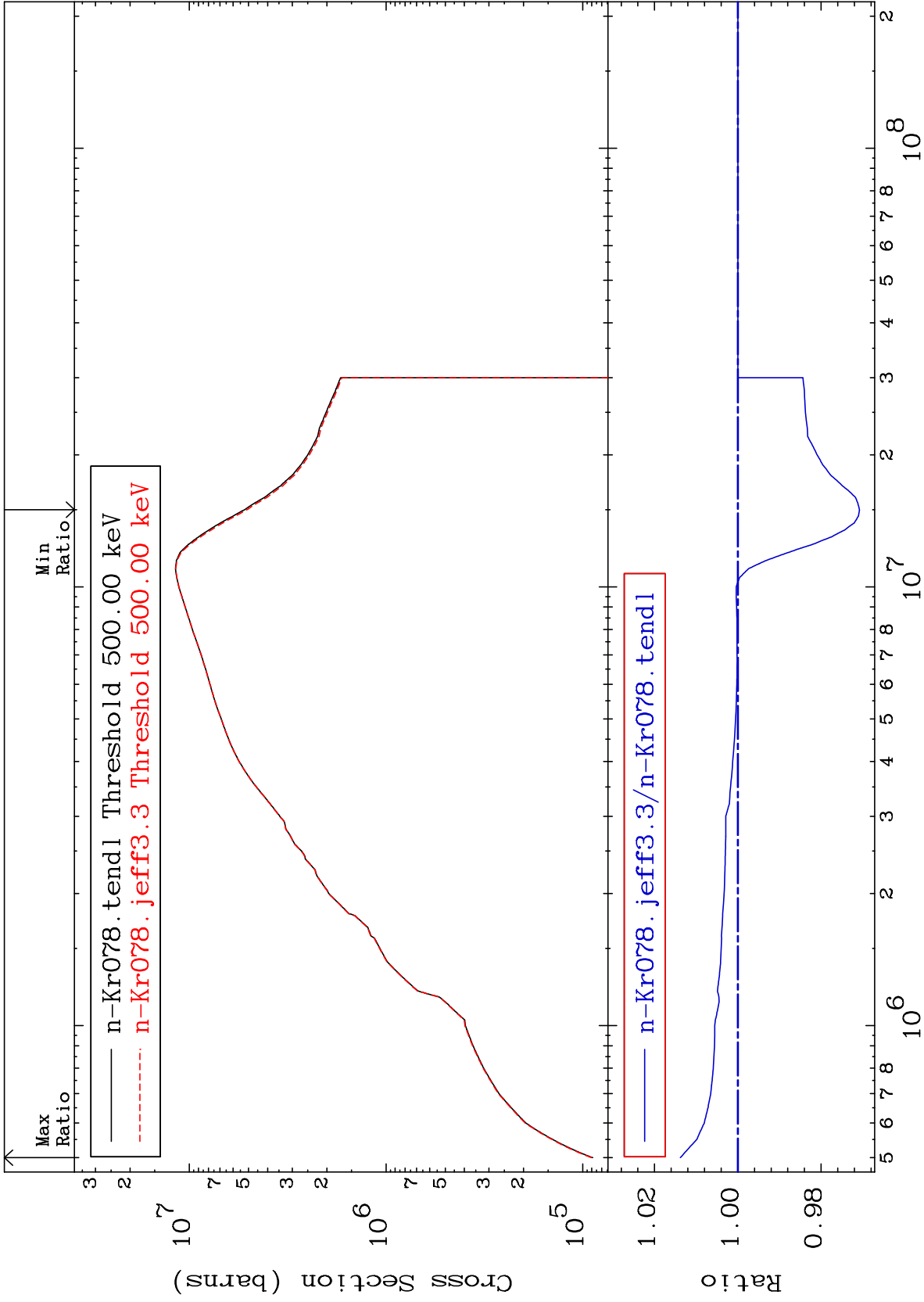








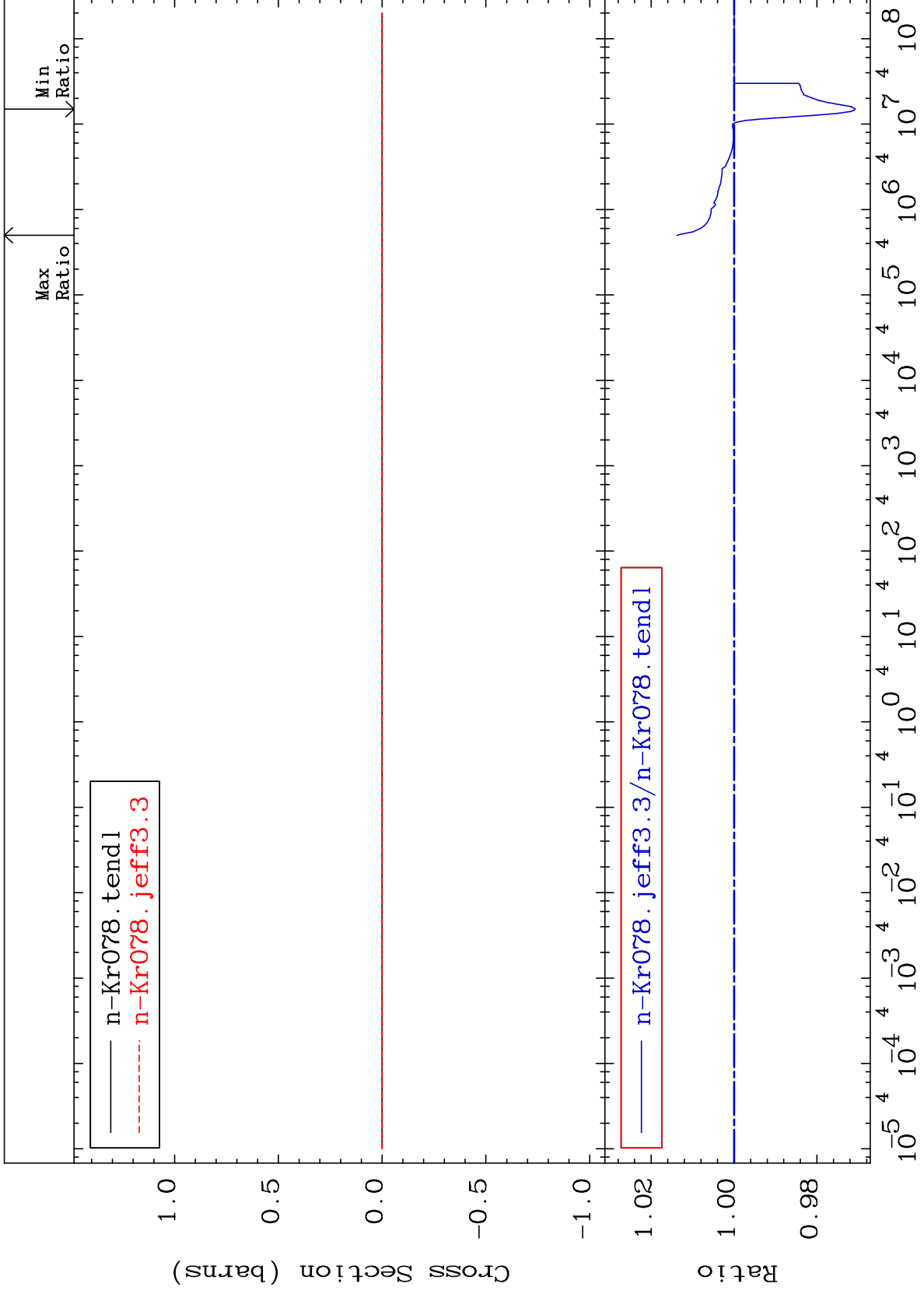




MAT 3625

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

36-Kr-78
-2.920 To 1.380 %



70

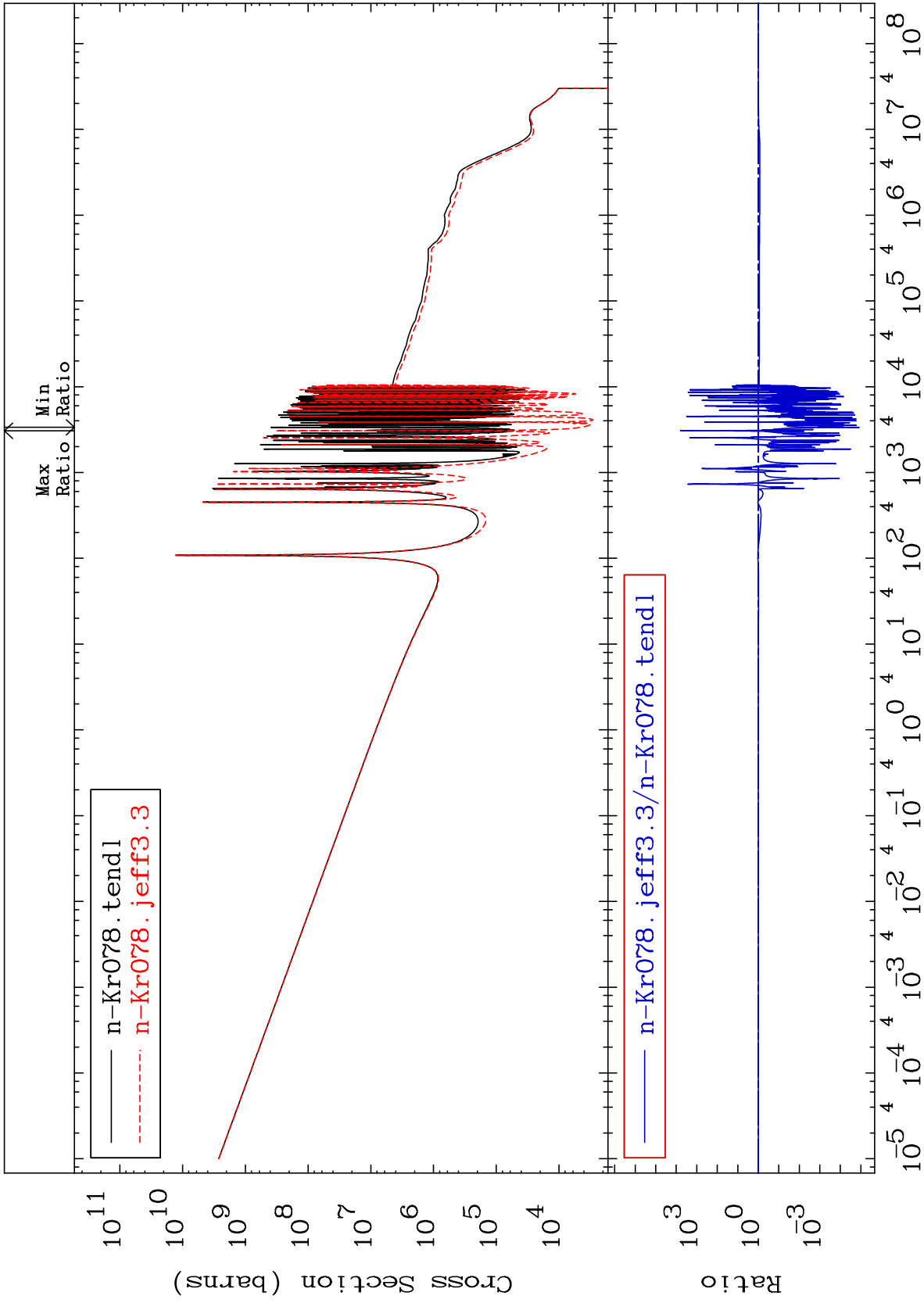
Incident Energy (eV)

36-Kr-78

MAT 3625

Kerma capture (mt102)
Cross Section

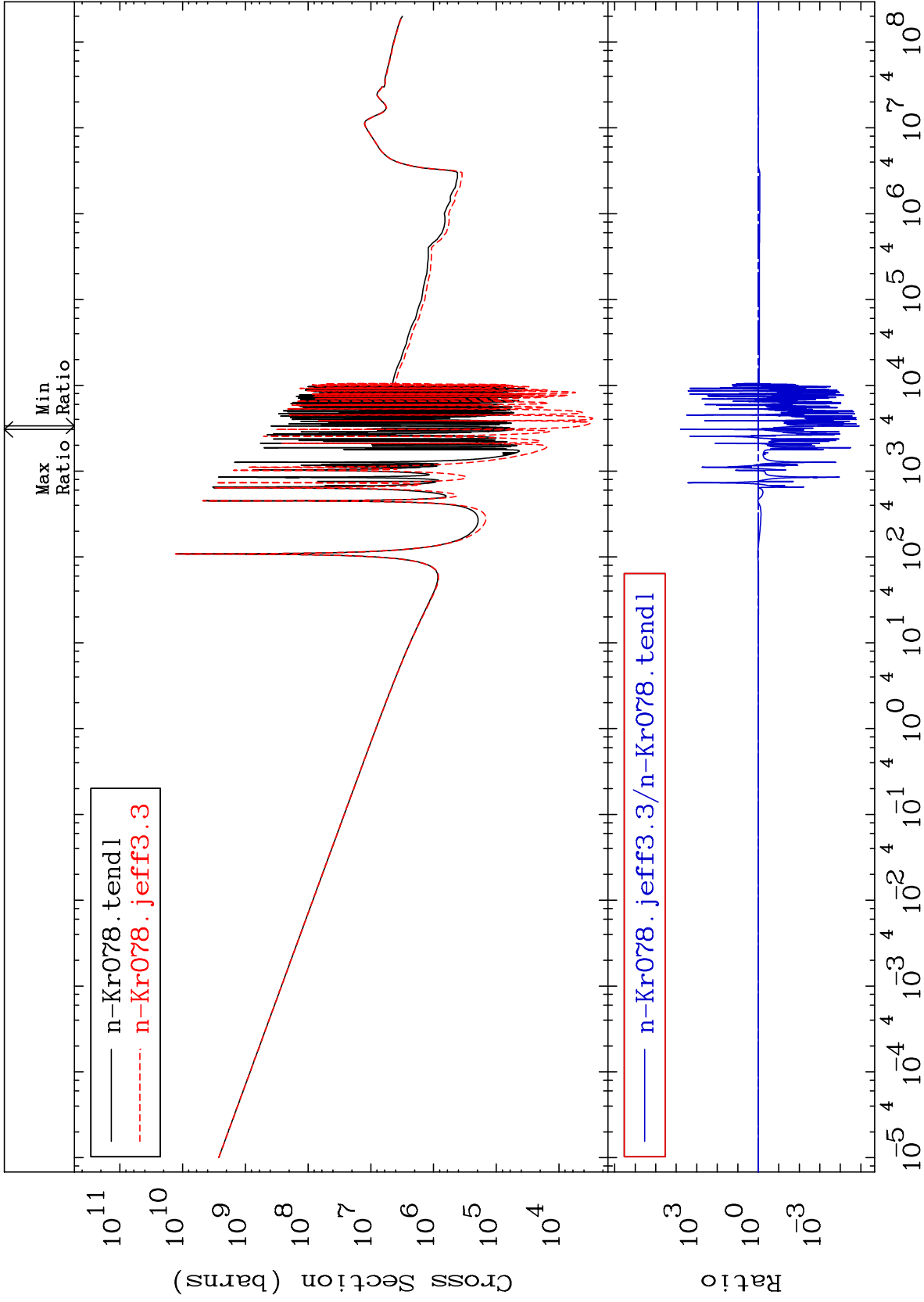
36-Kr-78
-100.0 To 9999. %

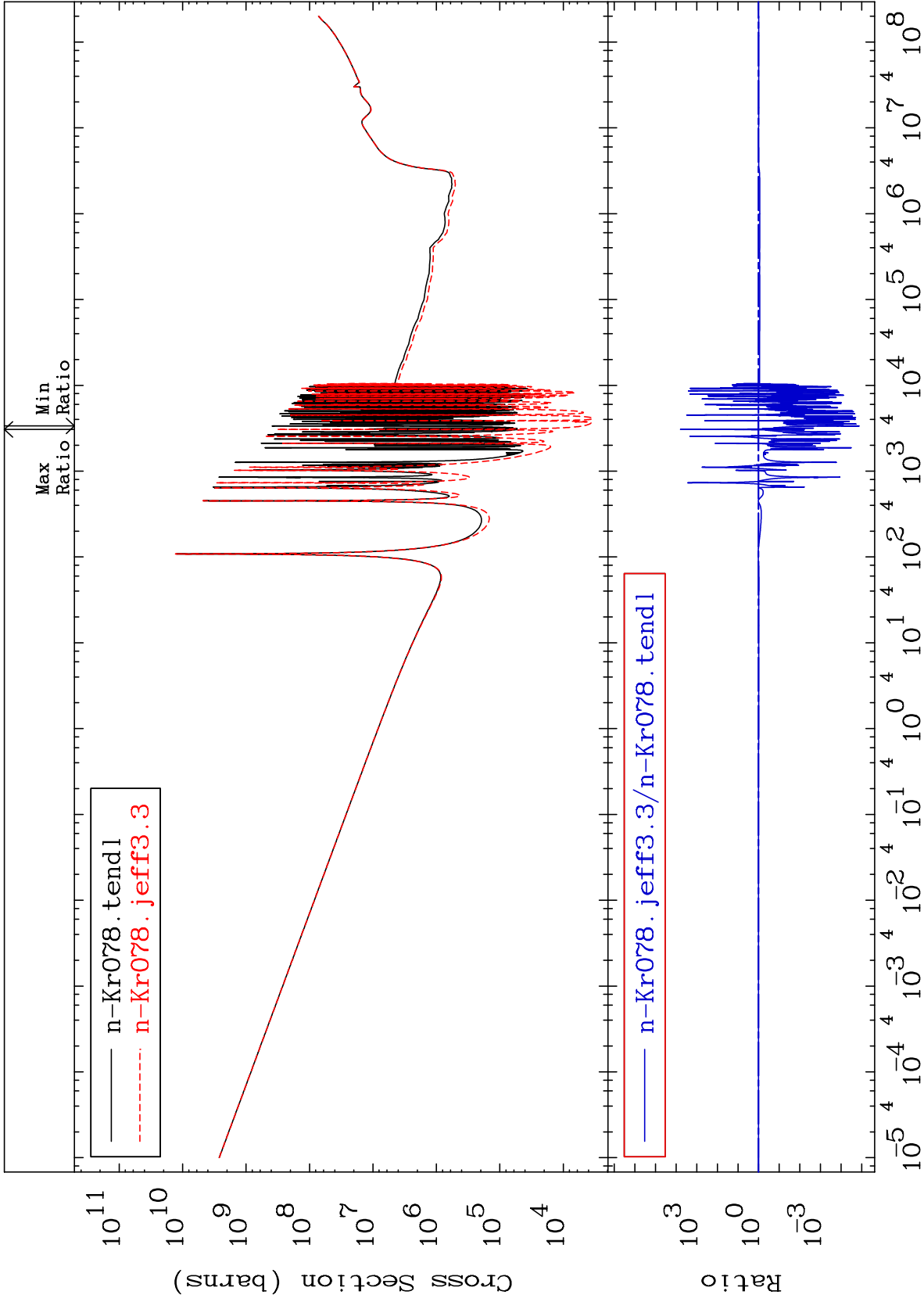


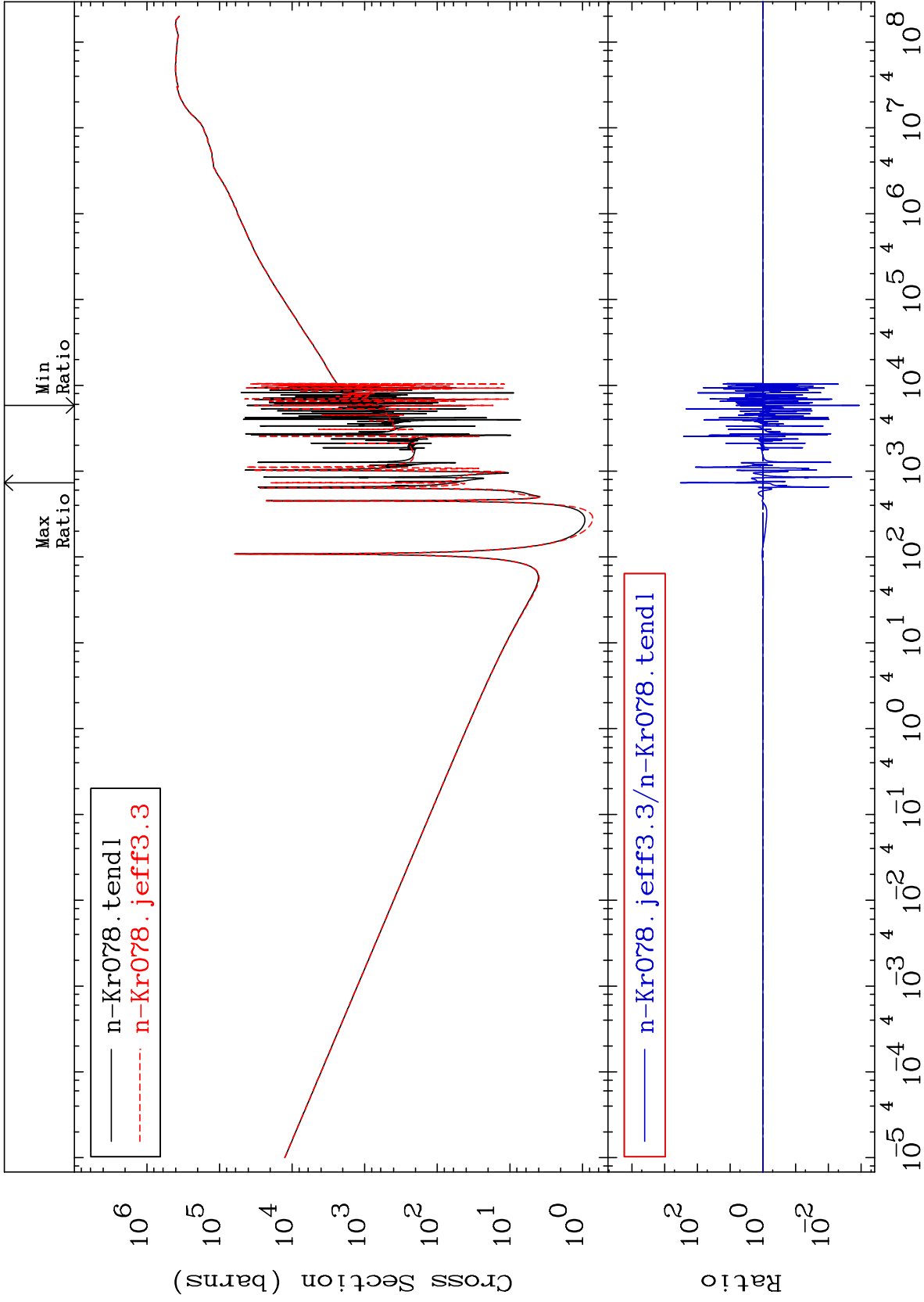
71

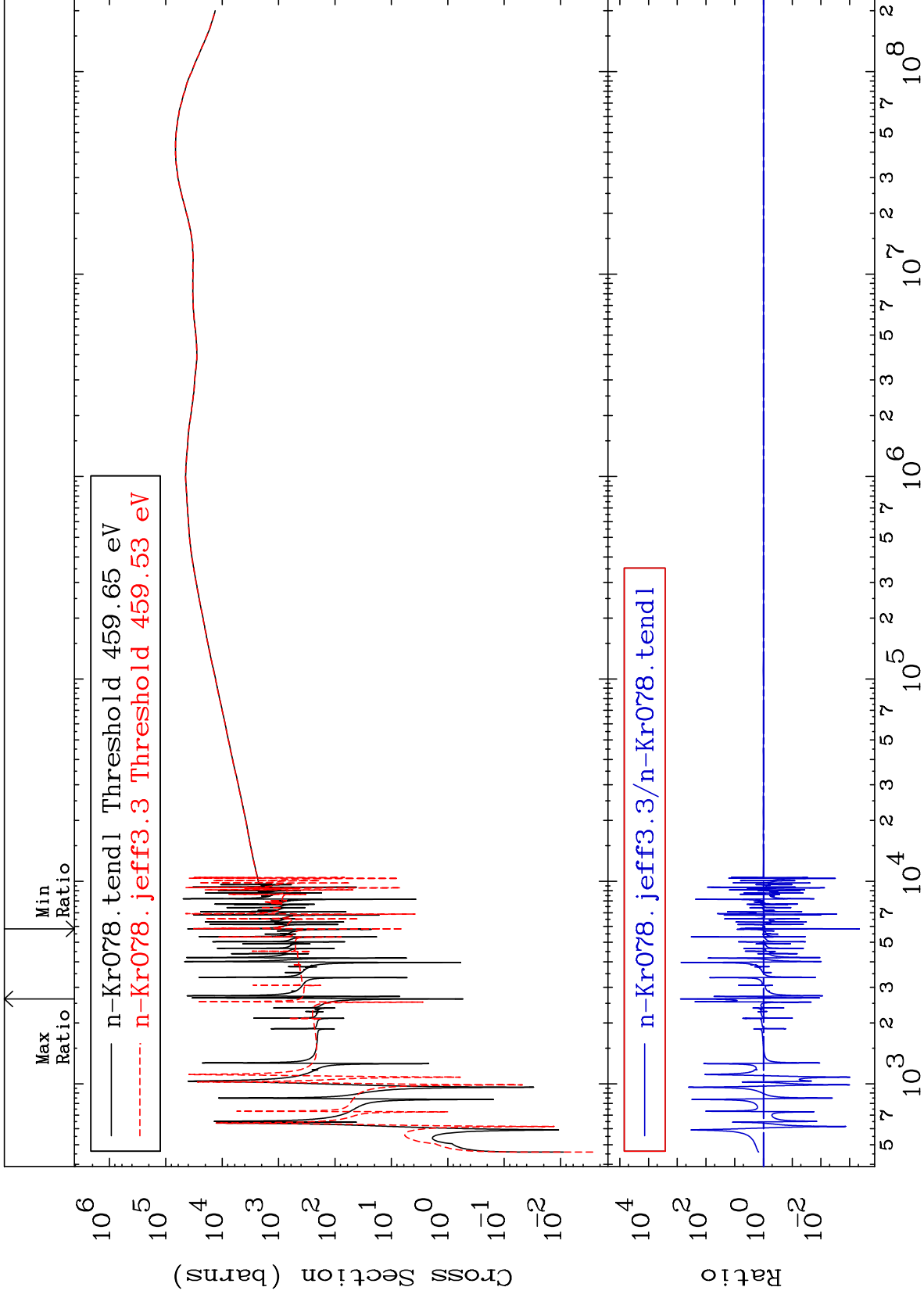
Incident Energy (eV)

36-Kr-78





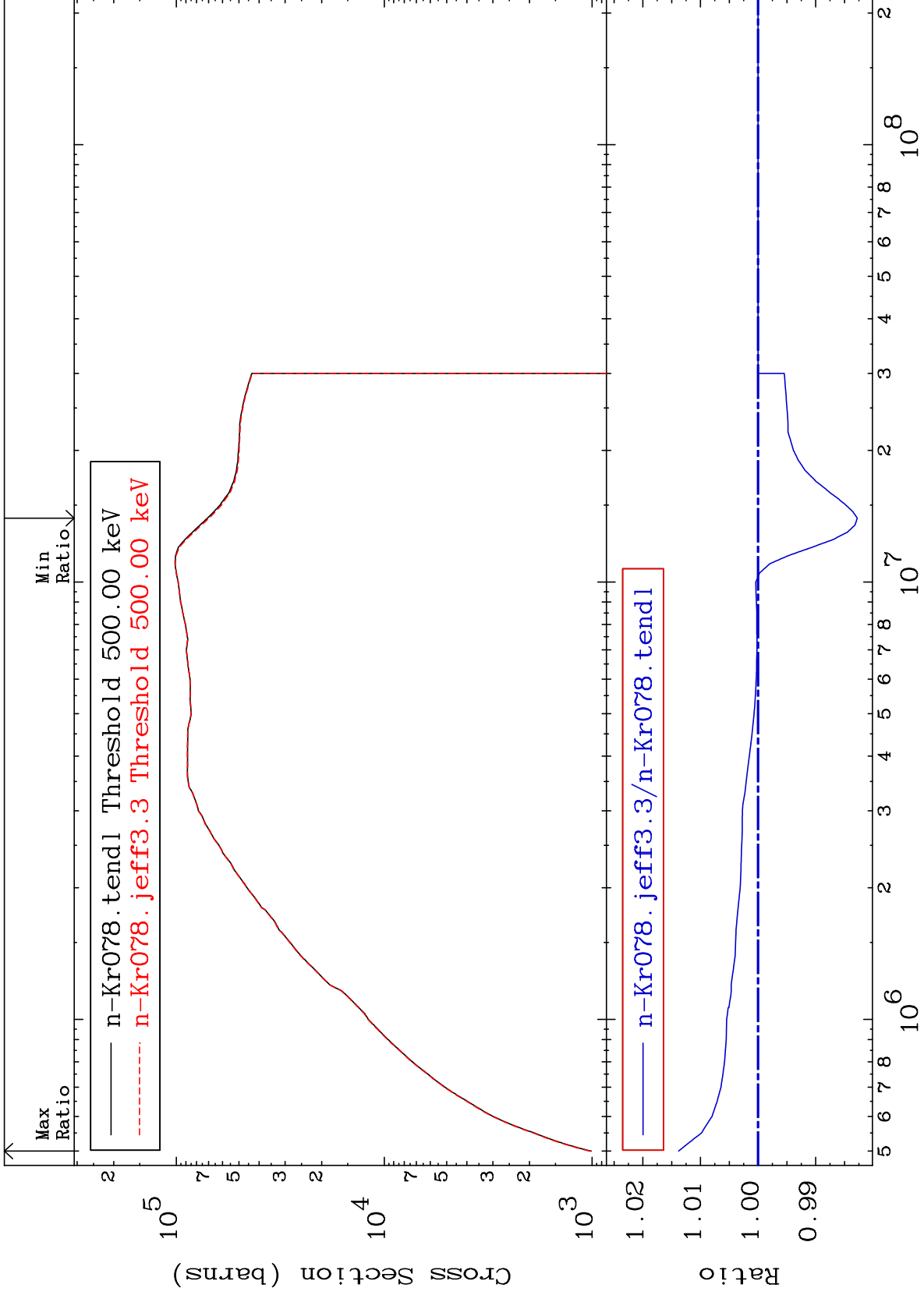




MAT 3625

Dpa inelastic (mt51-91)
Cross Section

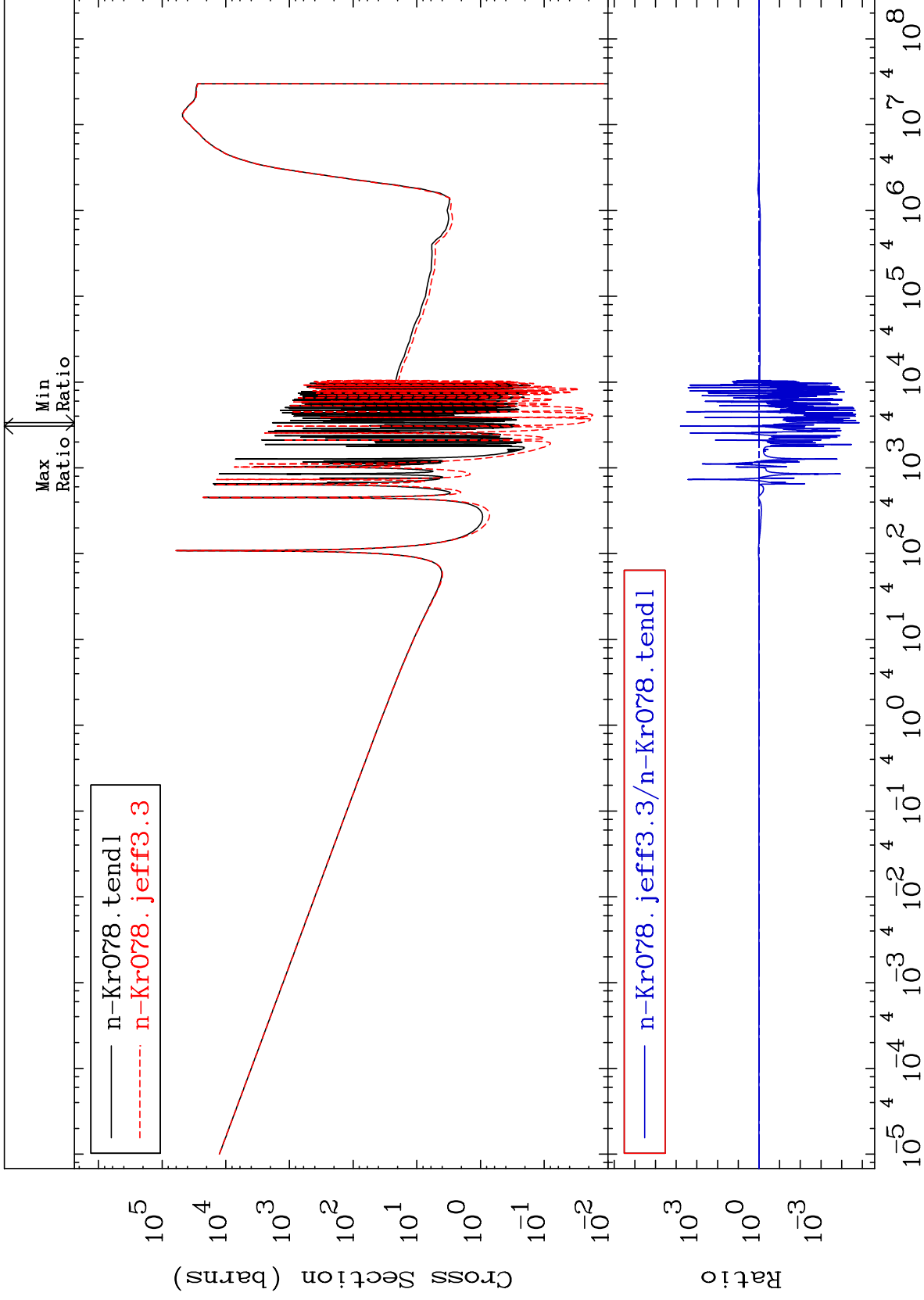
36-Kr-78
-1.722 To 1.379 %



76

Incident Energy (eV)

36-Kr-78

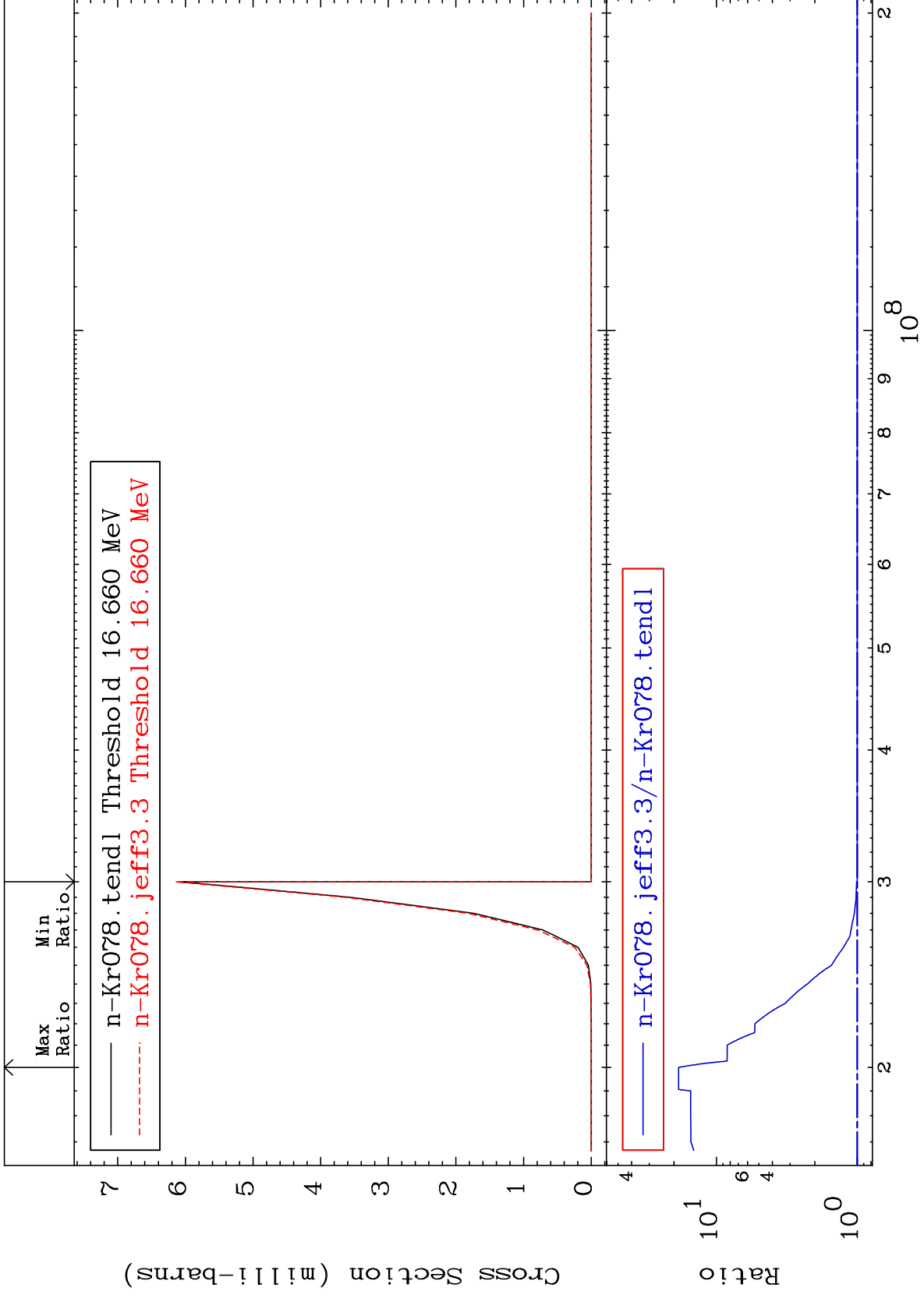


MAT 3625

(n,2n) α :34-Se-73g

36-Kr-78

Radionuclide Production Cross Section 0.000 To 1755. %

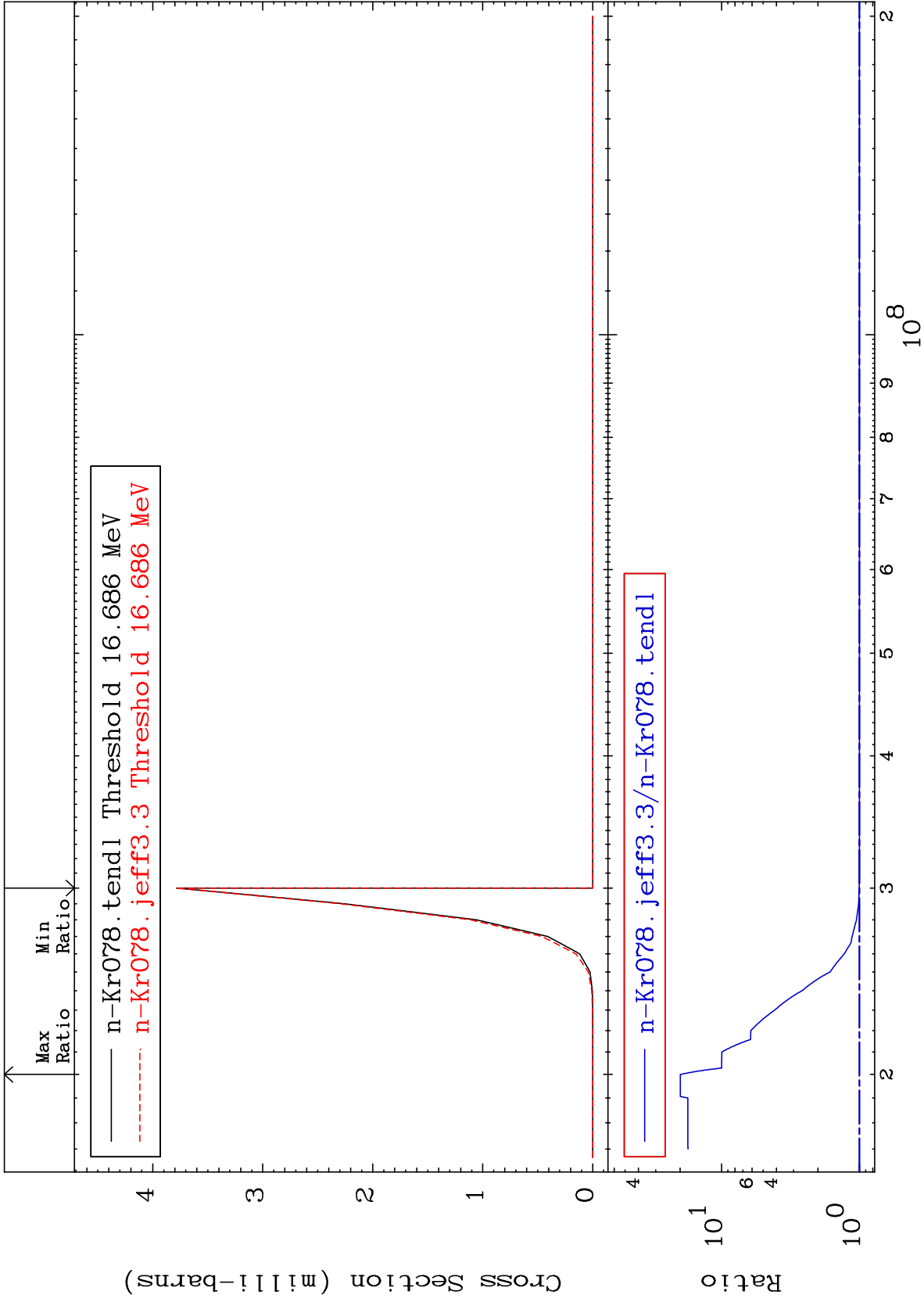


78

Incident Energy (eV)

36-Kr-78

Radionuclide Production Cross Section 0.000 To 1888. %

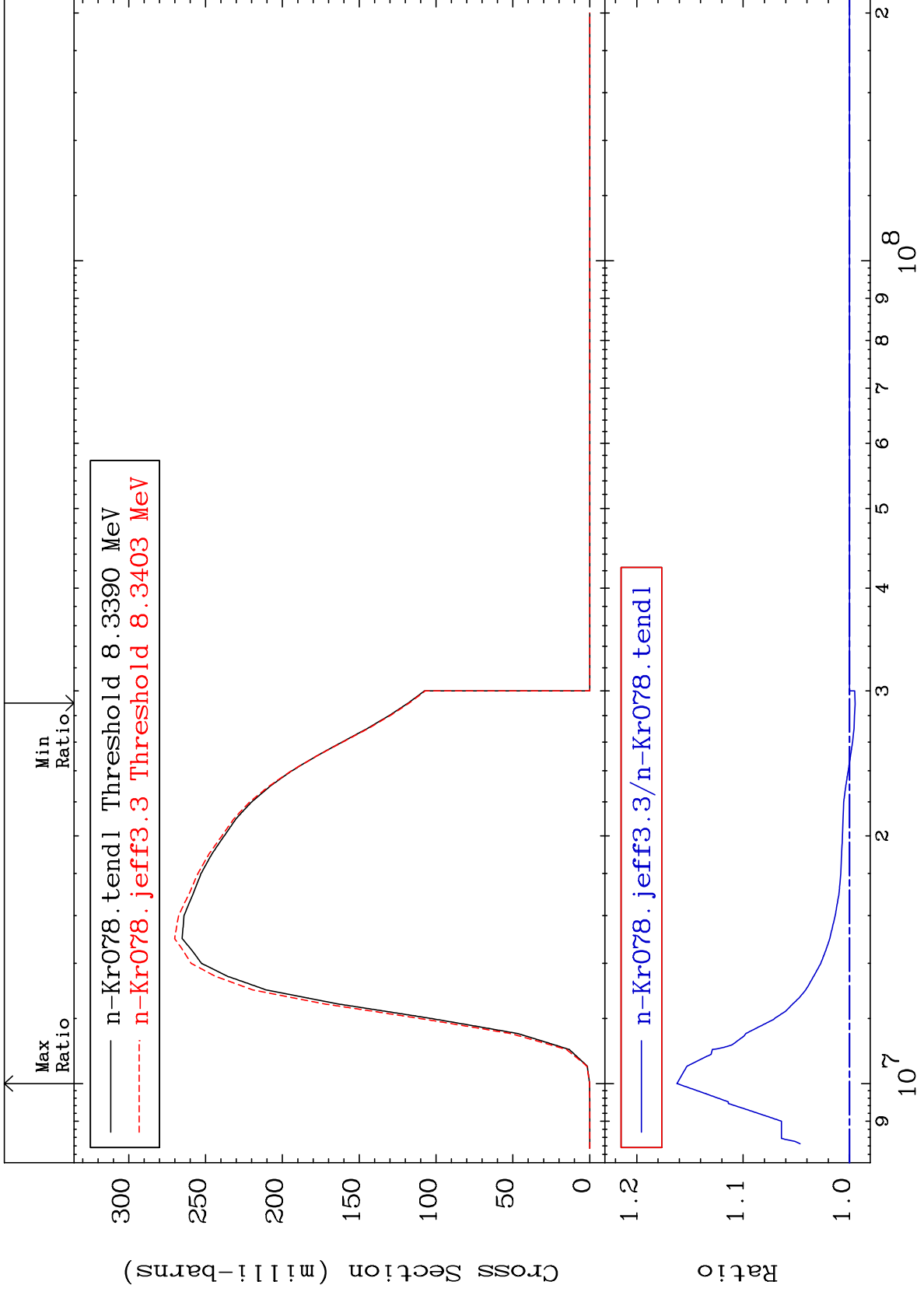


MAT 3625

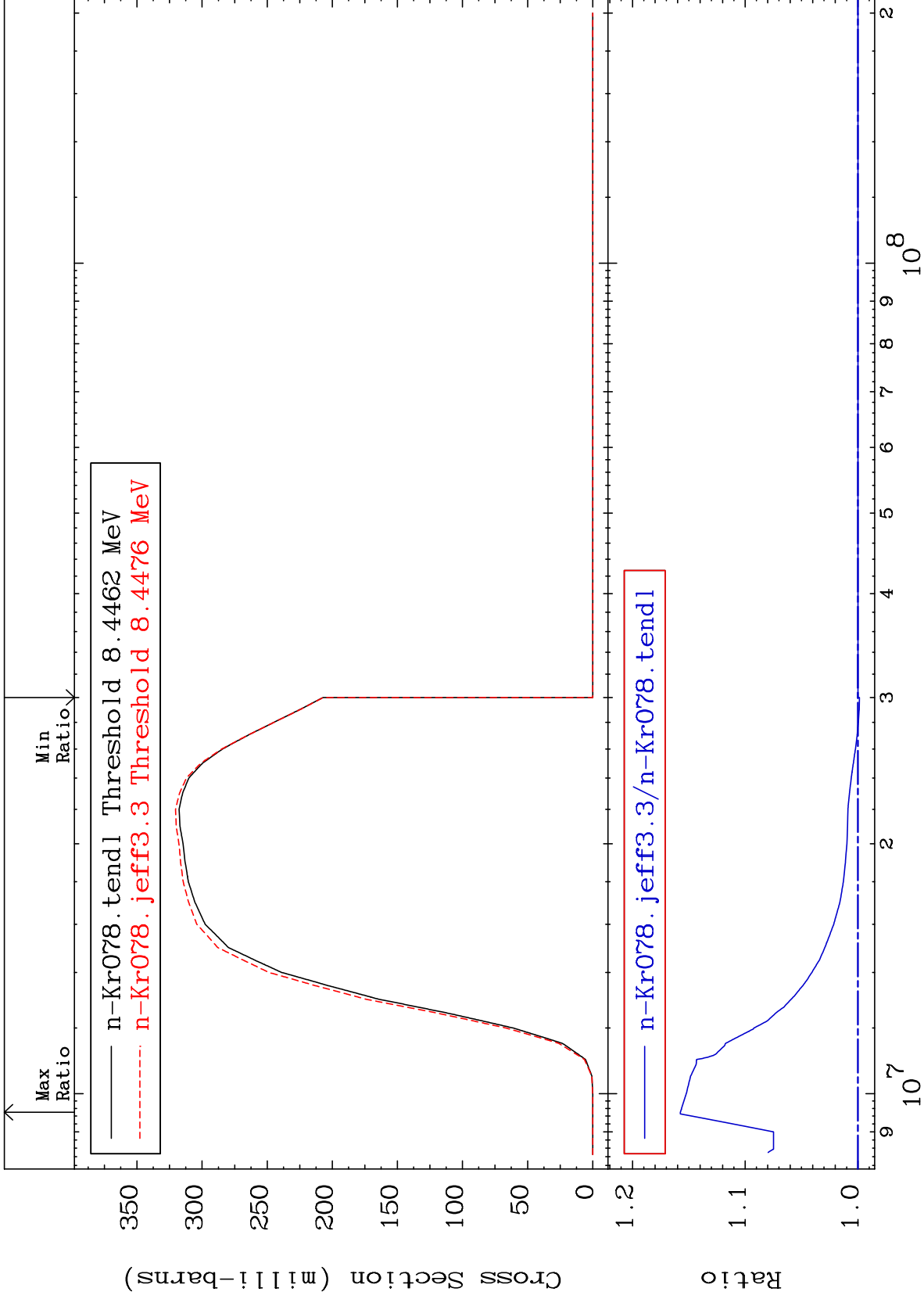
(n, n') p:35-Br-77g

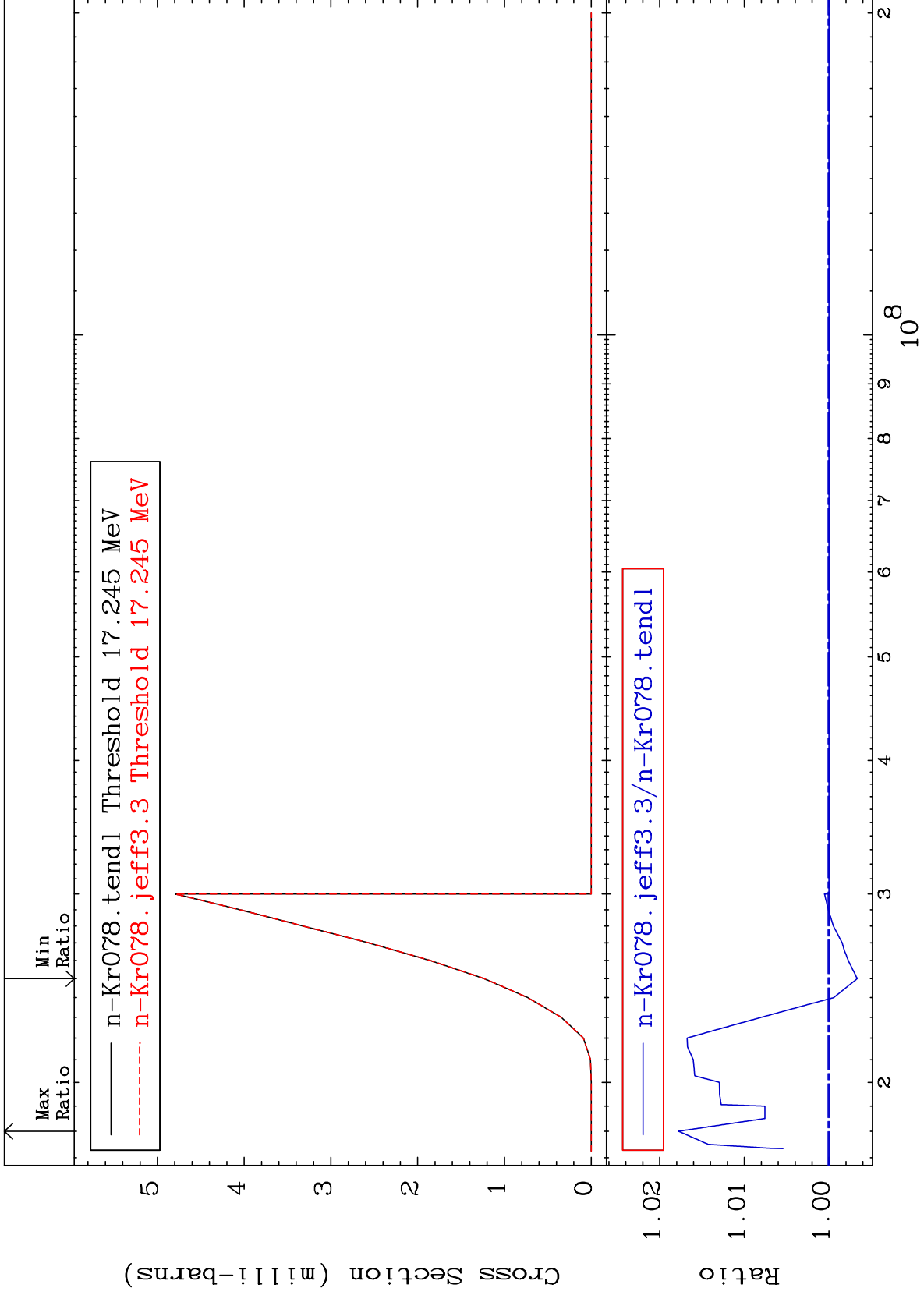
36-Kr-78

Radionuclide Production Cross Section -0.521 To 16.23 %

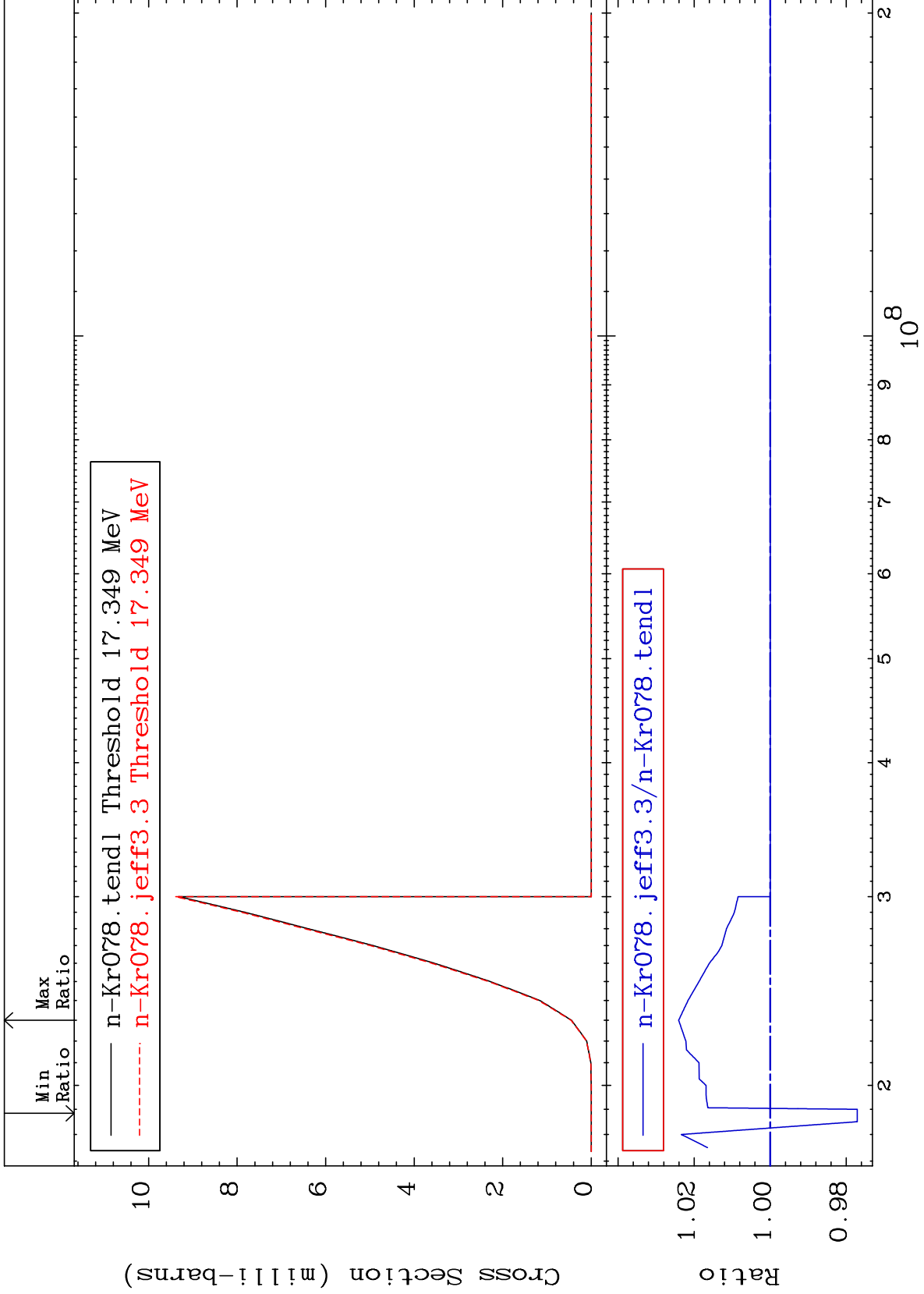


Radionuclide Production Cross Section -0.137 To 15.75 %





Radionuclide Production Cross Section -2.289 To 2.408 %

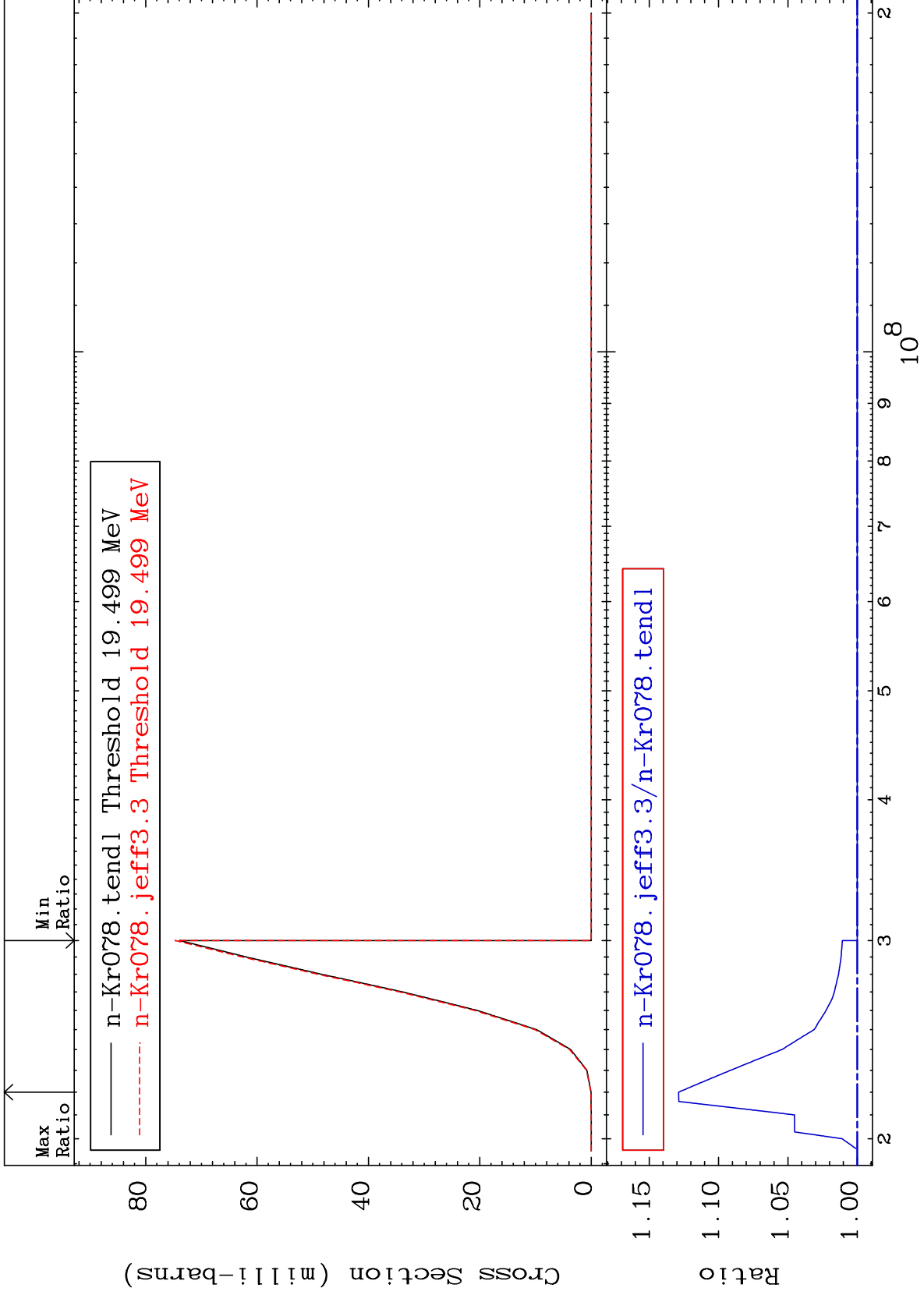


MAT 3625

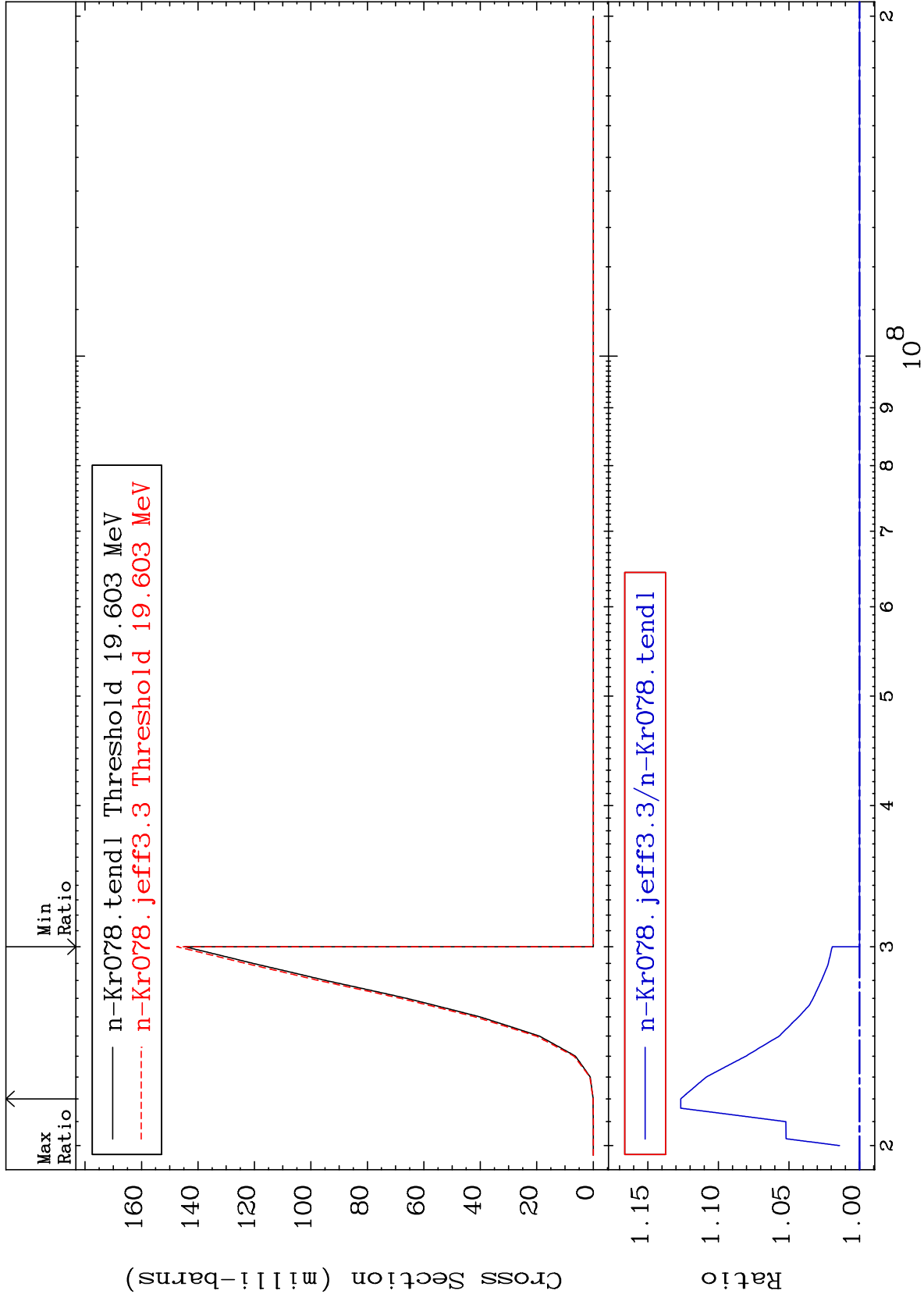
(n,2n) p:35-Br-76g

36-Kr-78

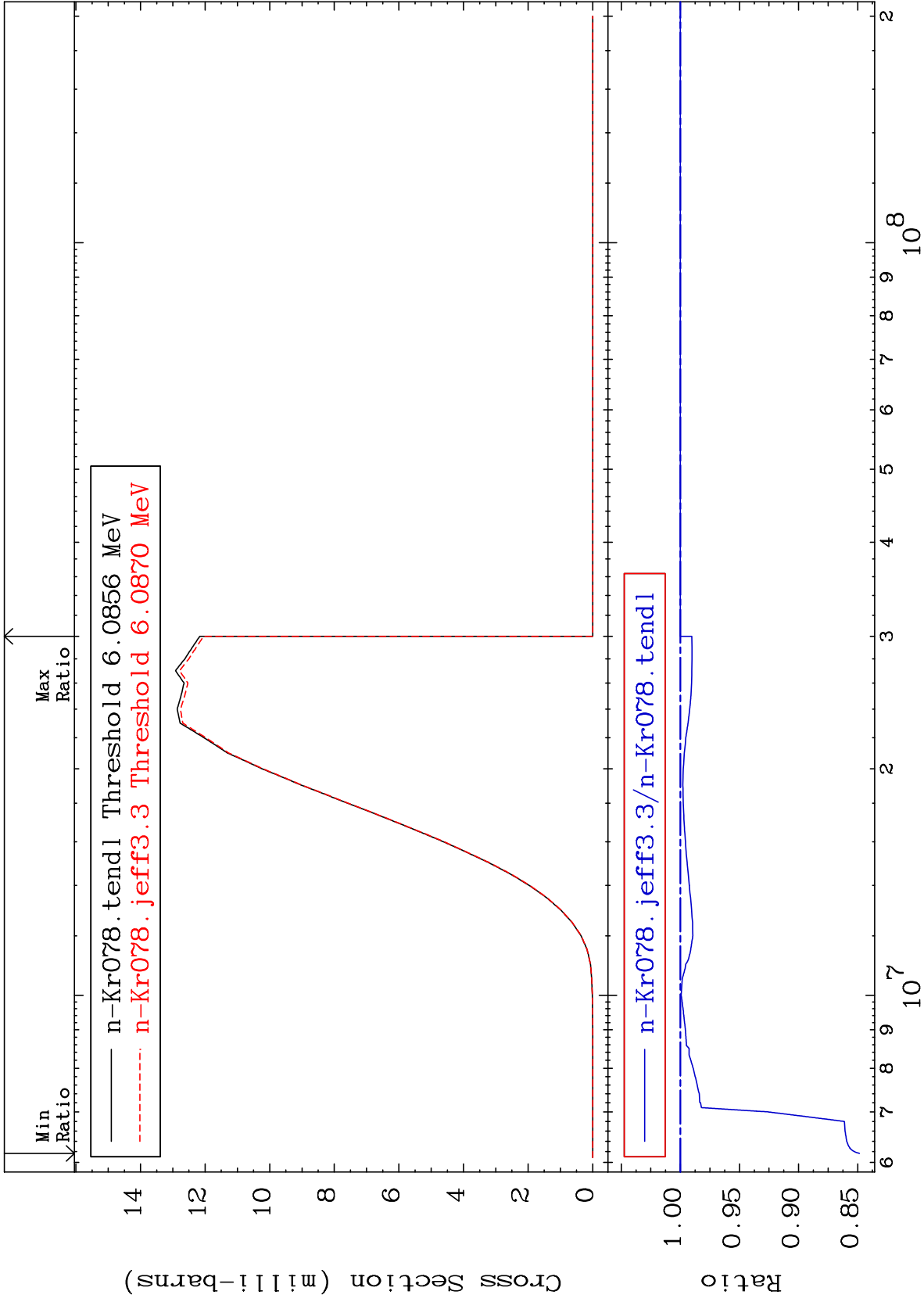
Radionuclide Production Cross Section 0.000 To 12.88 %



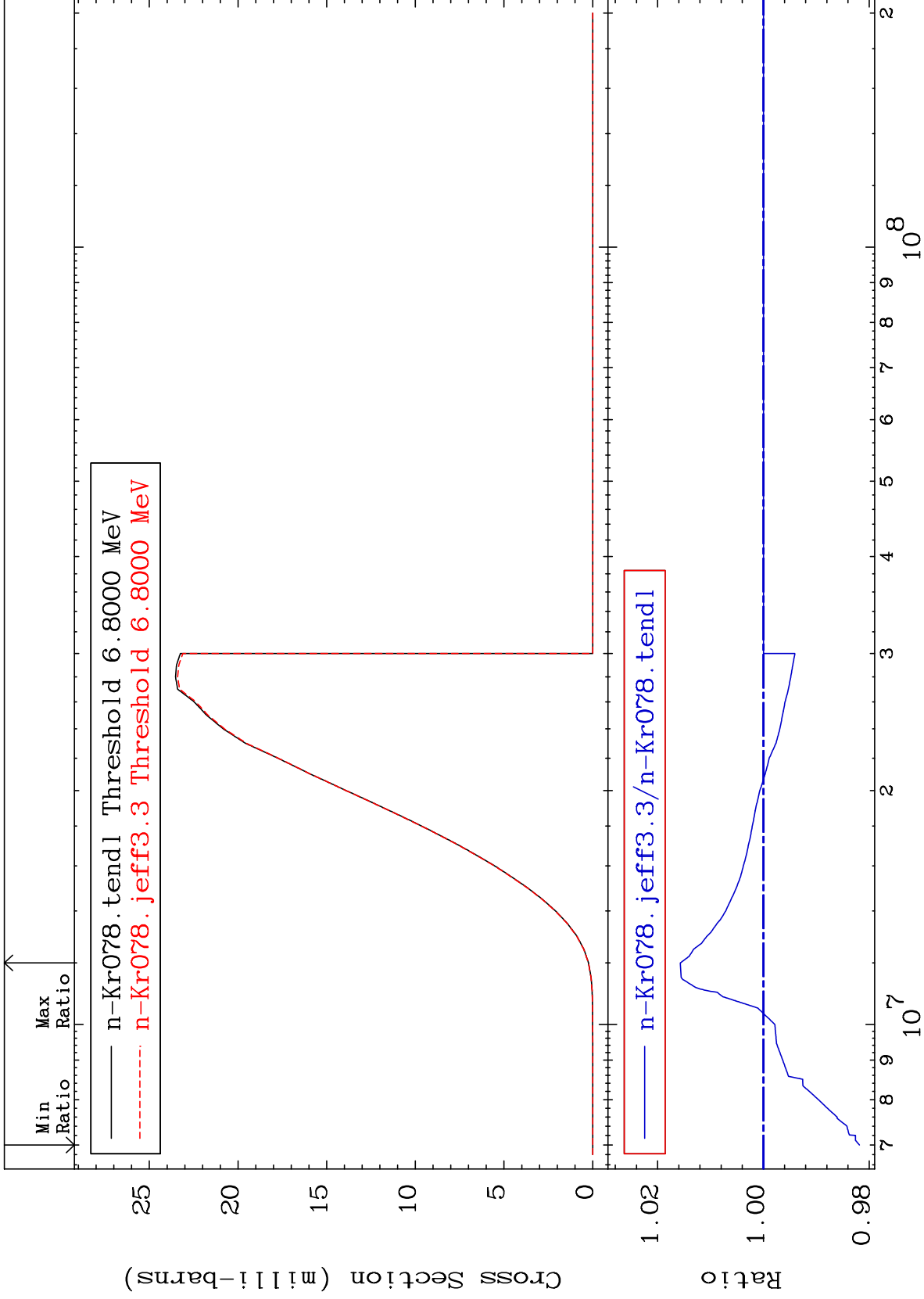
Radionuclide Production Cross Section 0.000 To 12.66 %

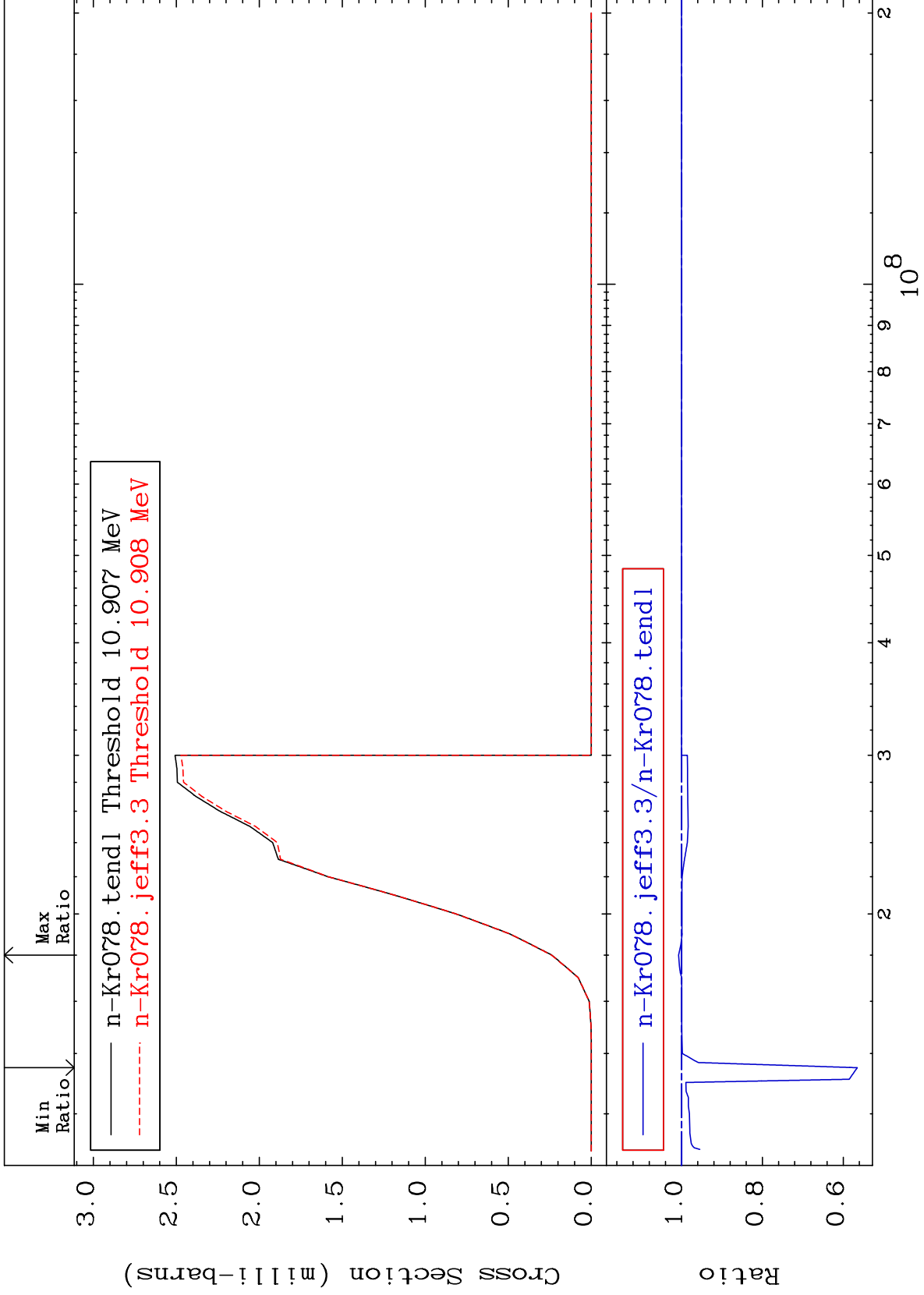


(n, d) : 35-Br-77g -15.15 To 0.000 %
Radionuclide Production Cross Section

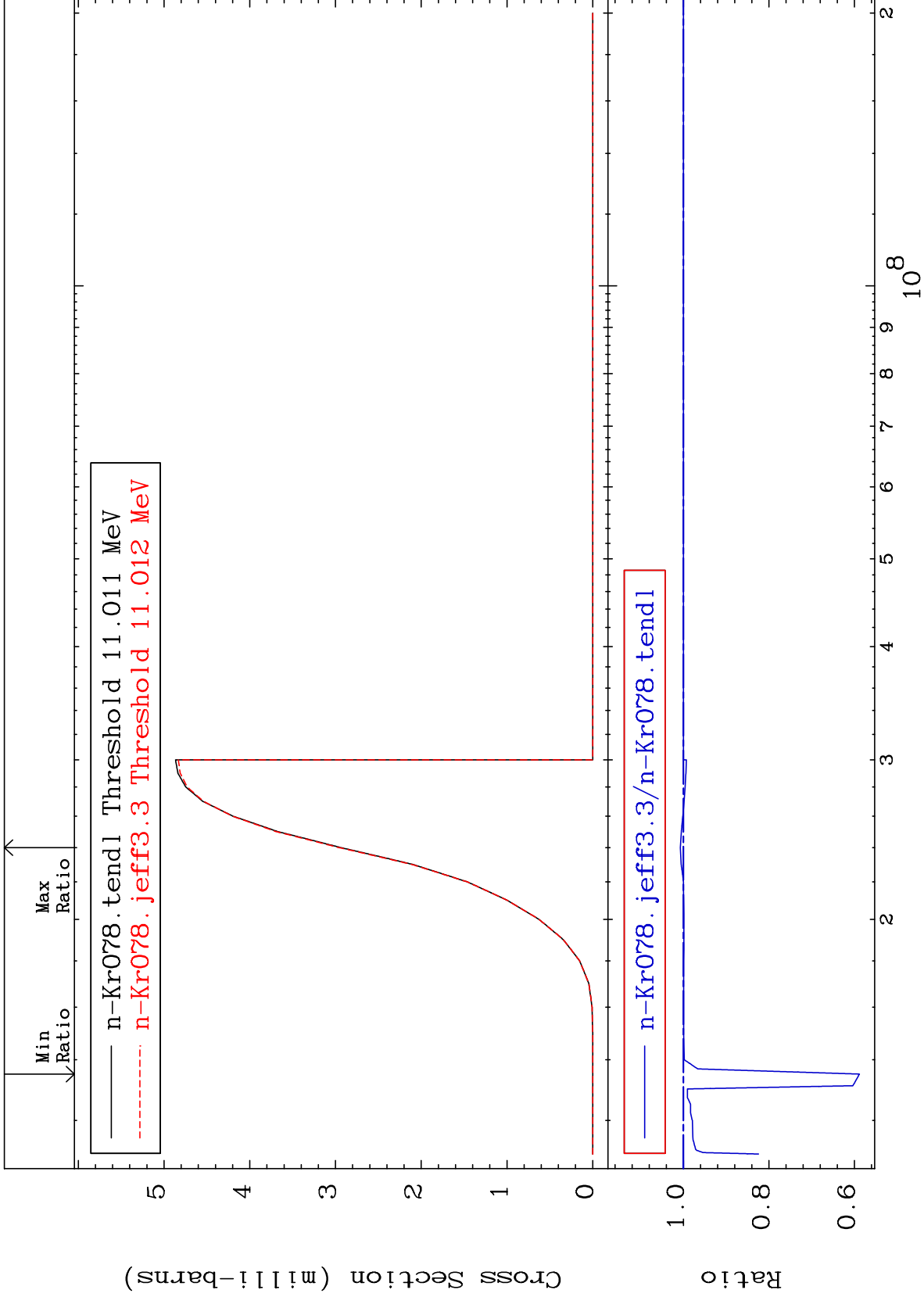


Radionuclide Production Cross Section -1.815 To 1.570 %





Radionuclide Production Cross Section -41.18 To 0.728 %

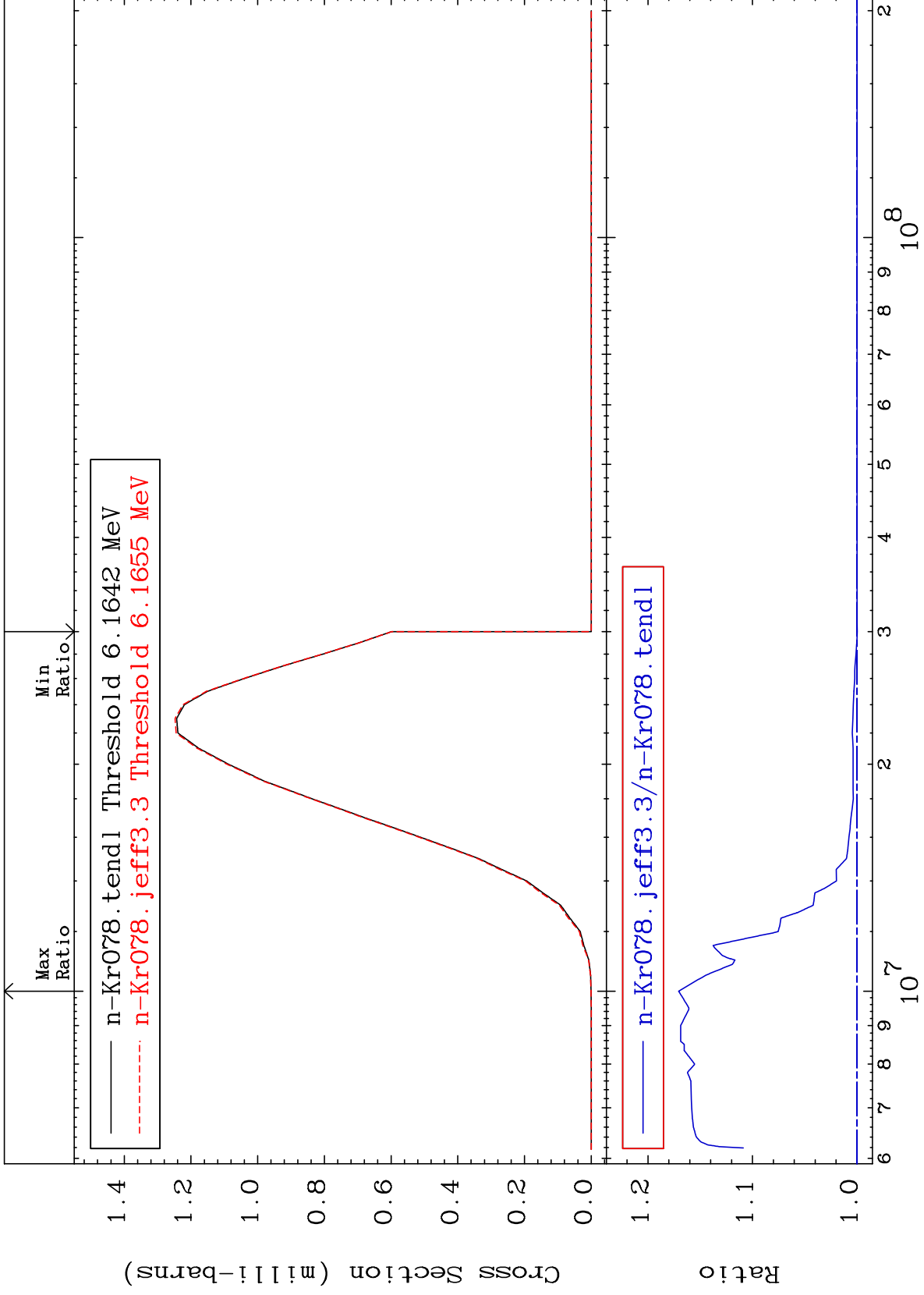


MAT 3625

(n,2p):34-Se-77g

36-Kr-78

Radionuclide Production Cross Section -0.028 To 17.06 %



90

Incident Energy (eV)

36-Kr-78

Radionuclide Production Cross Section -0.211 To 17.03 %

