

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

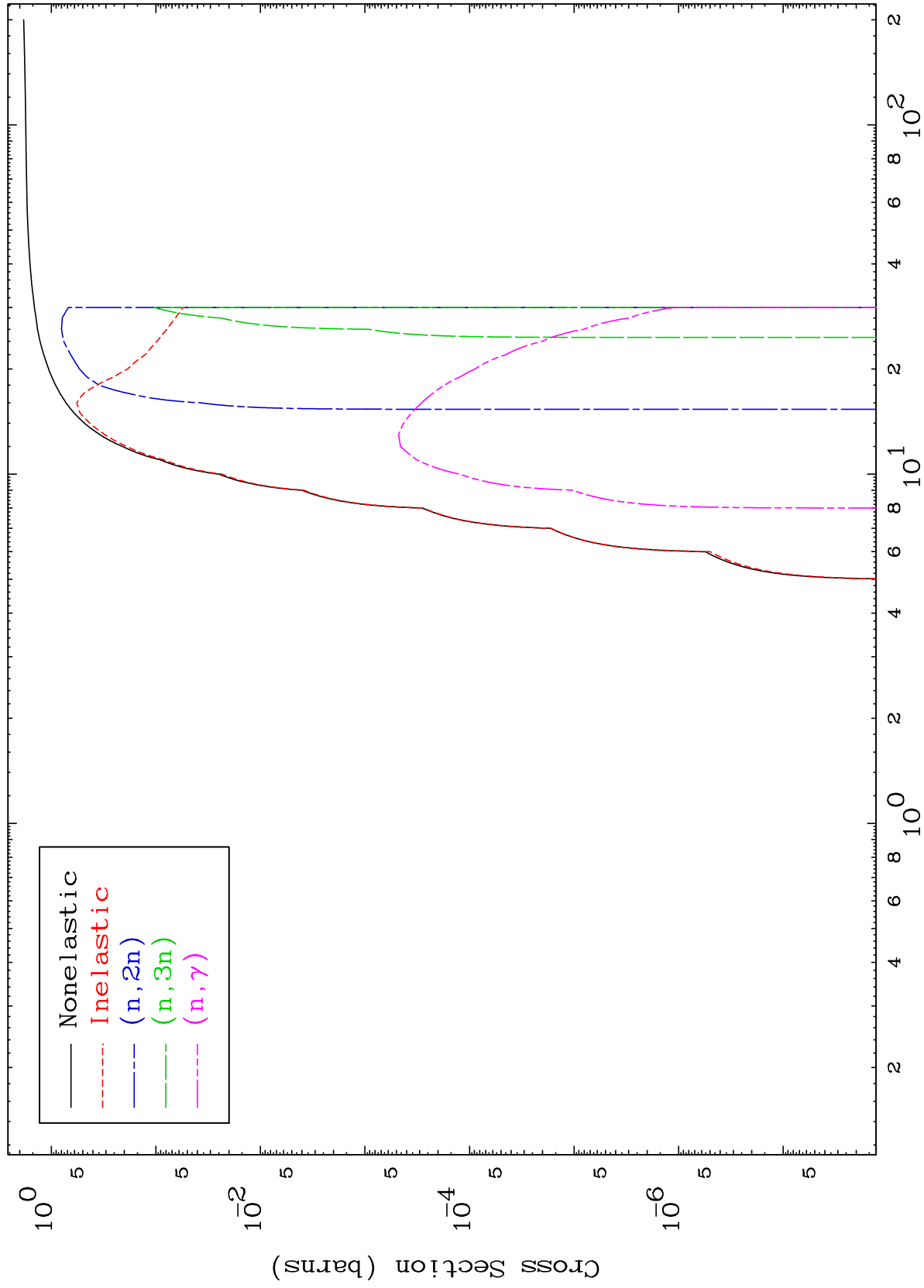
Press Mouse Button to Start

MAT 3634

α Major

36-Kr-81

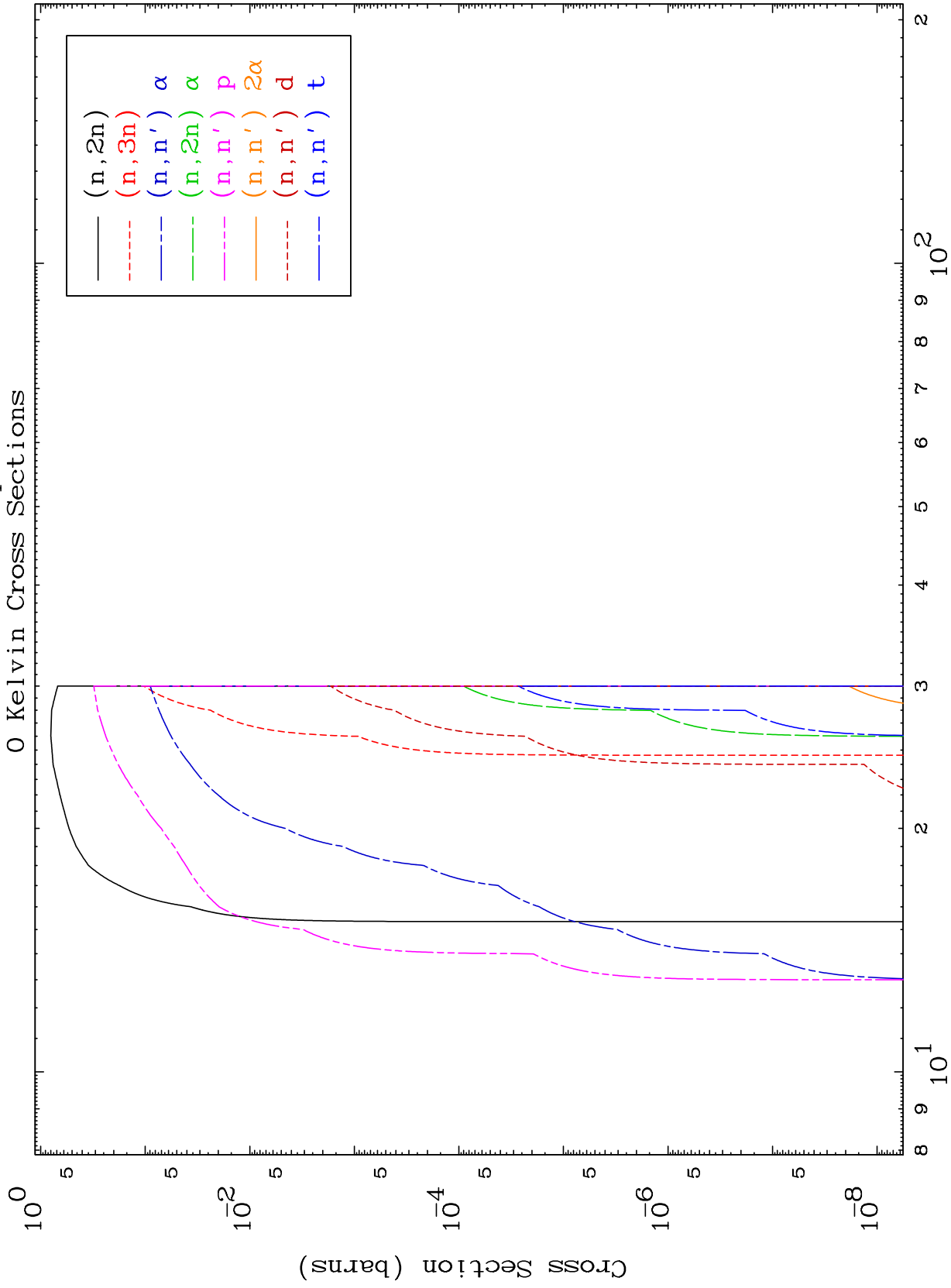
0 Kelvin Cross Sections



MAT 3634

α Neutron Absorption
0 Kelvin Cross Sections

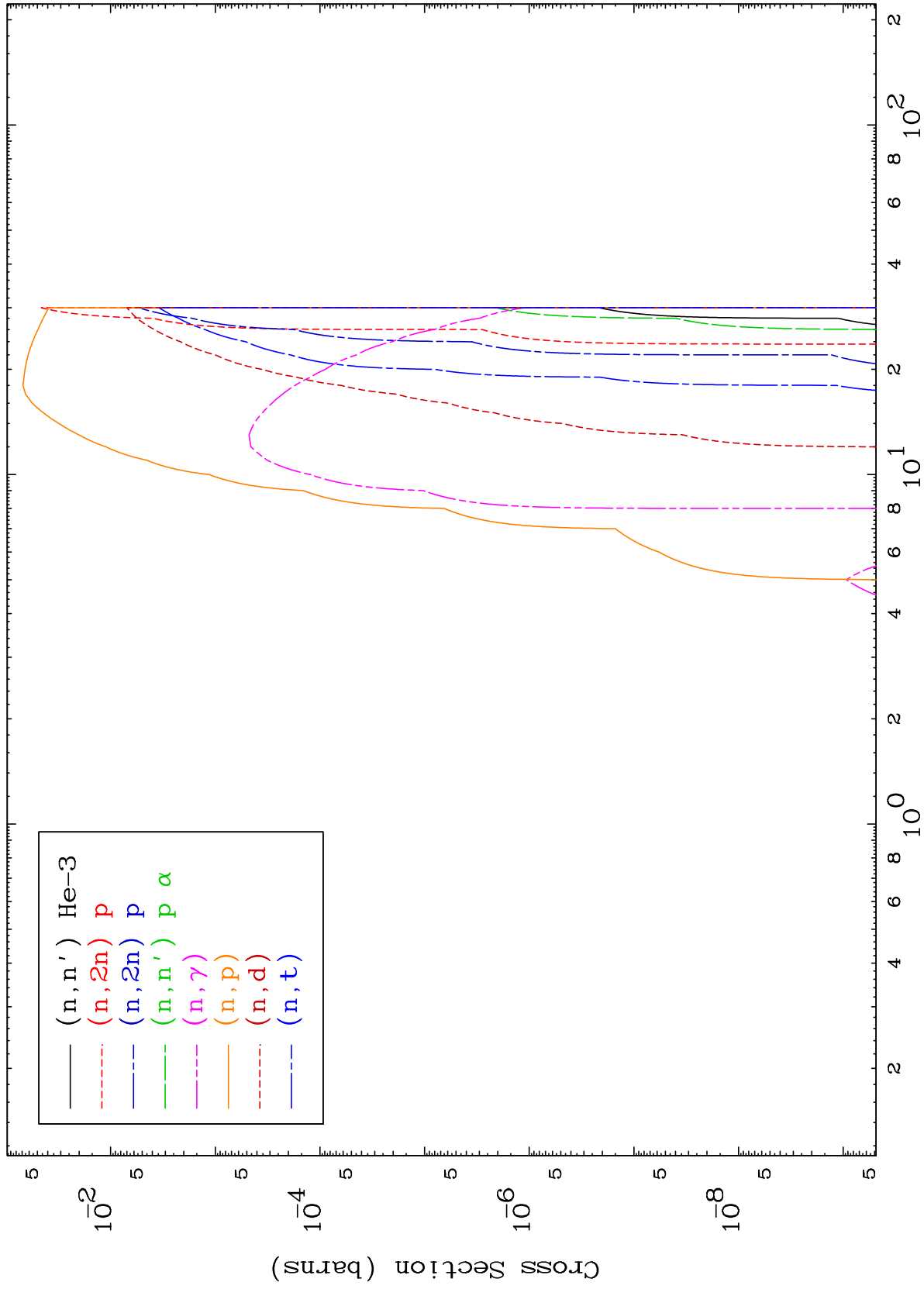
36-Kr-81

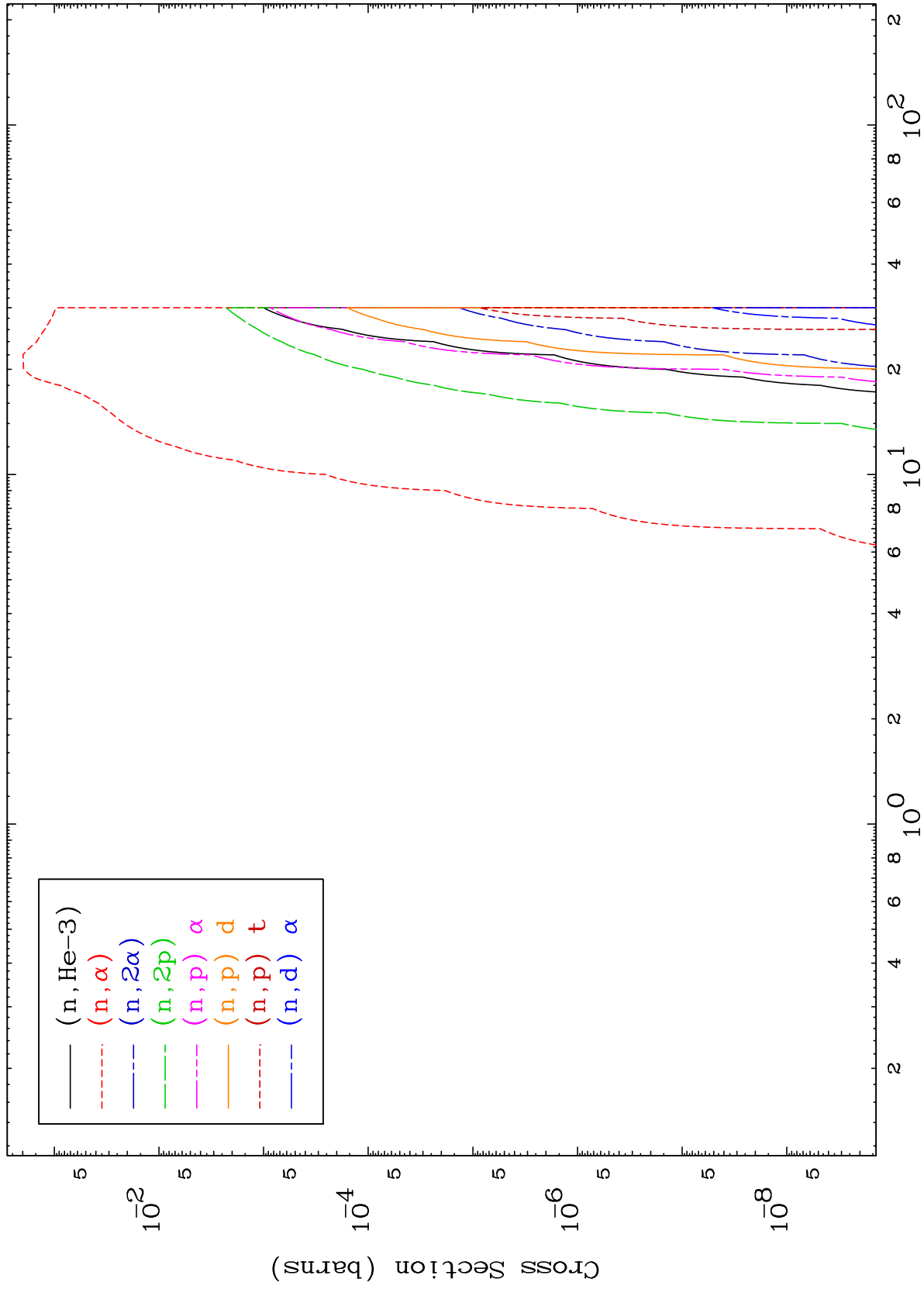


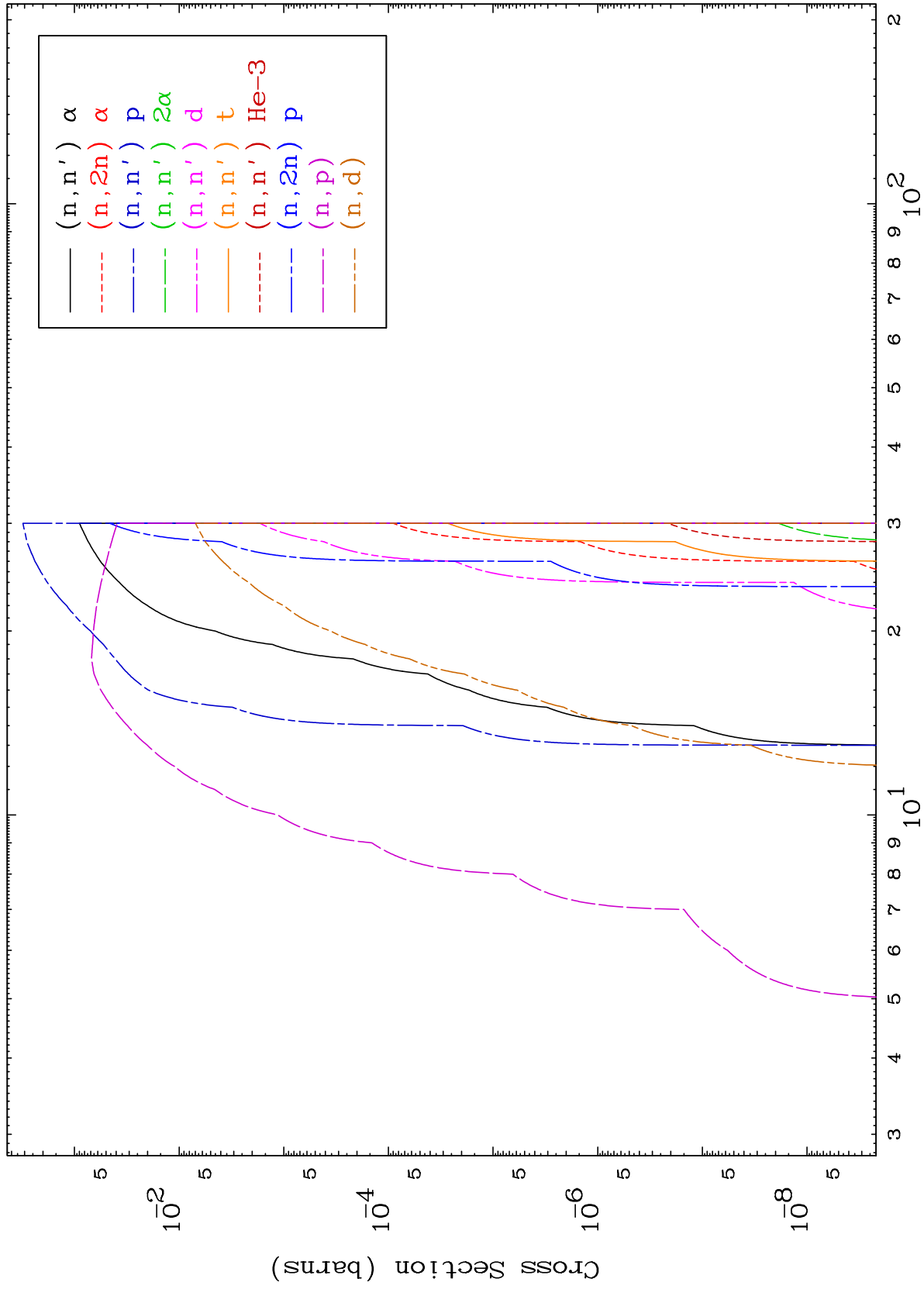
2

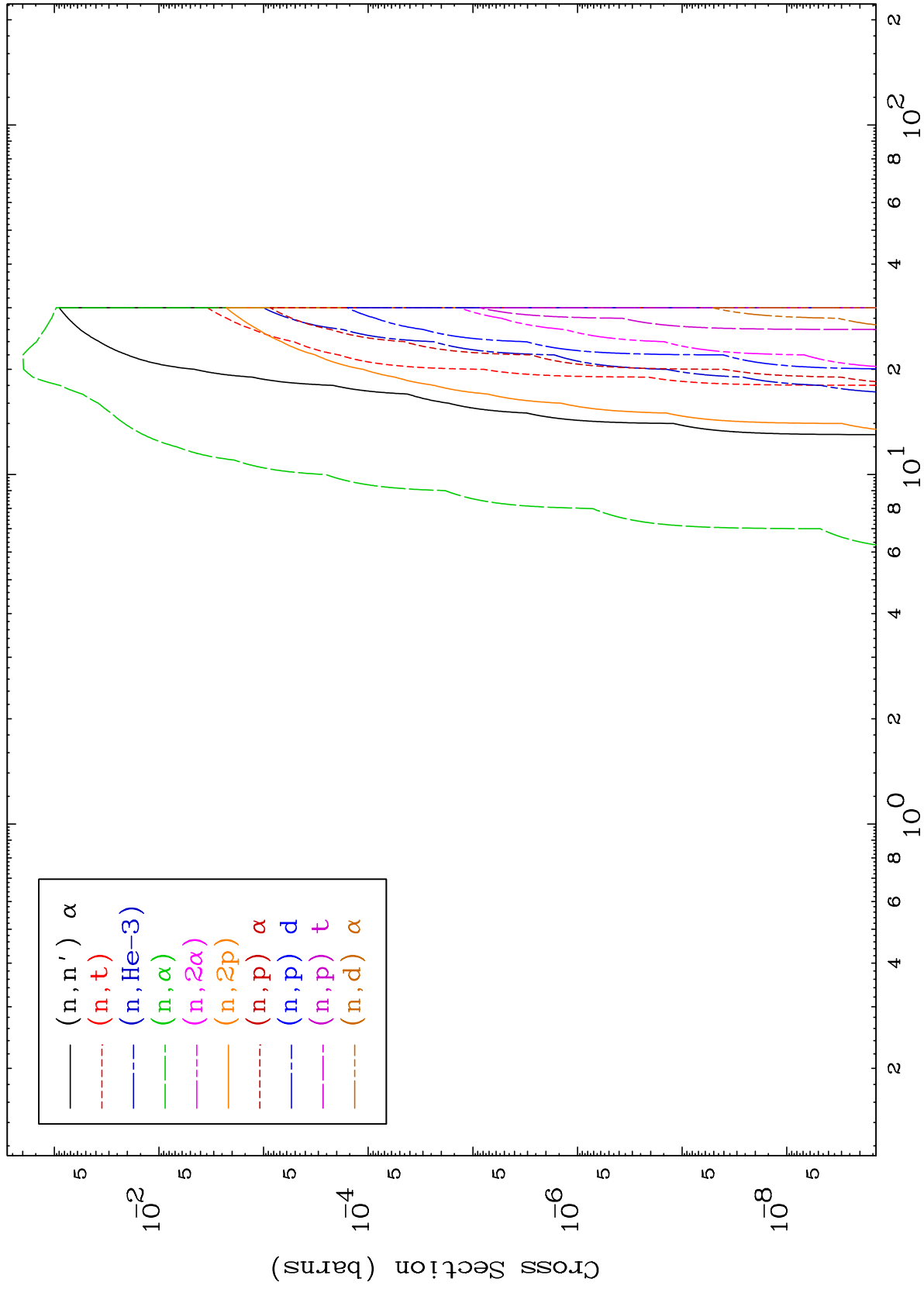
Incident Energy (MeV)

36-Kr-81





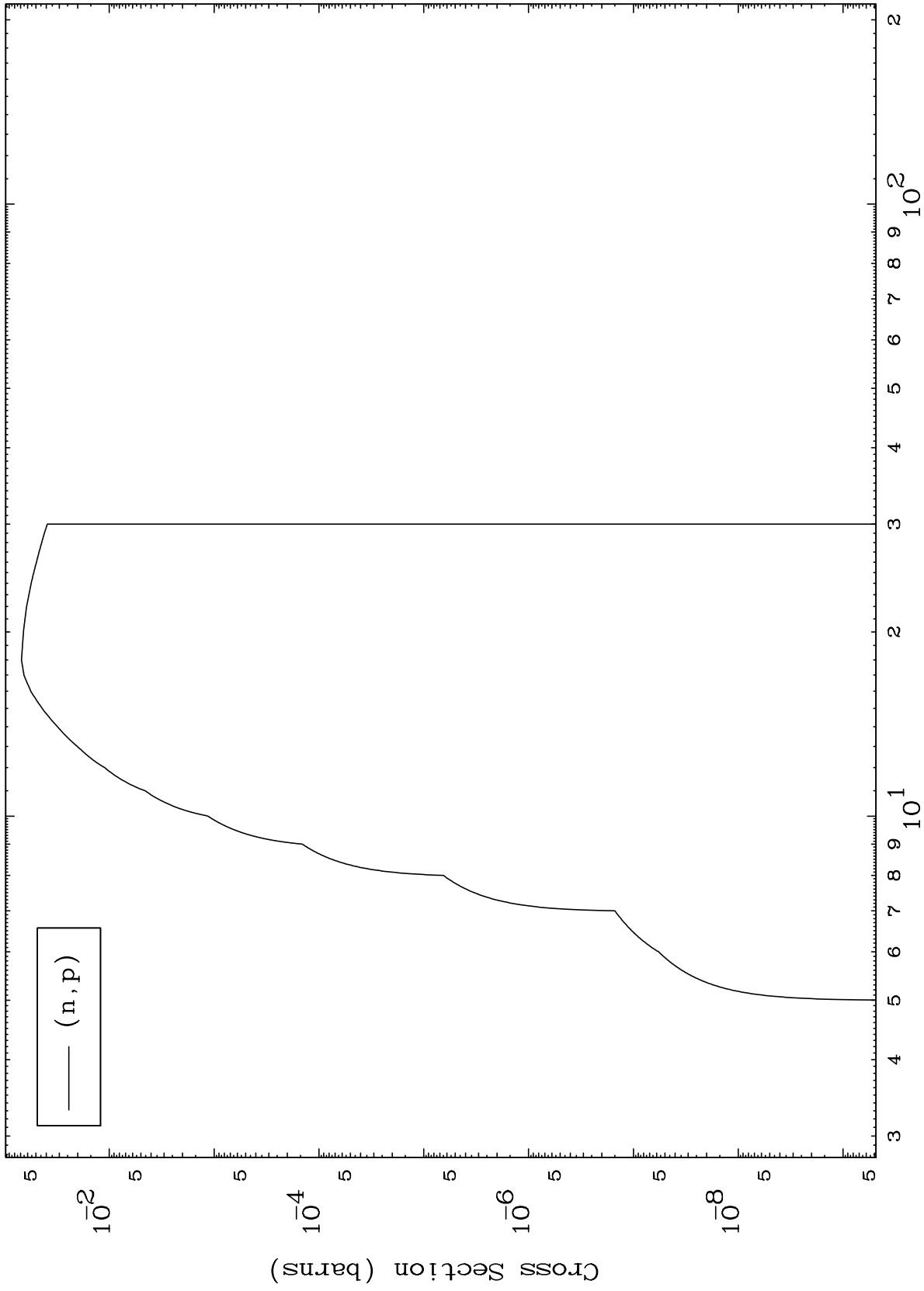




MAT 3634

36-Kr-81

(α, p) Levels
0 Kelvin Cross Sections



7

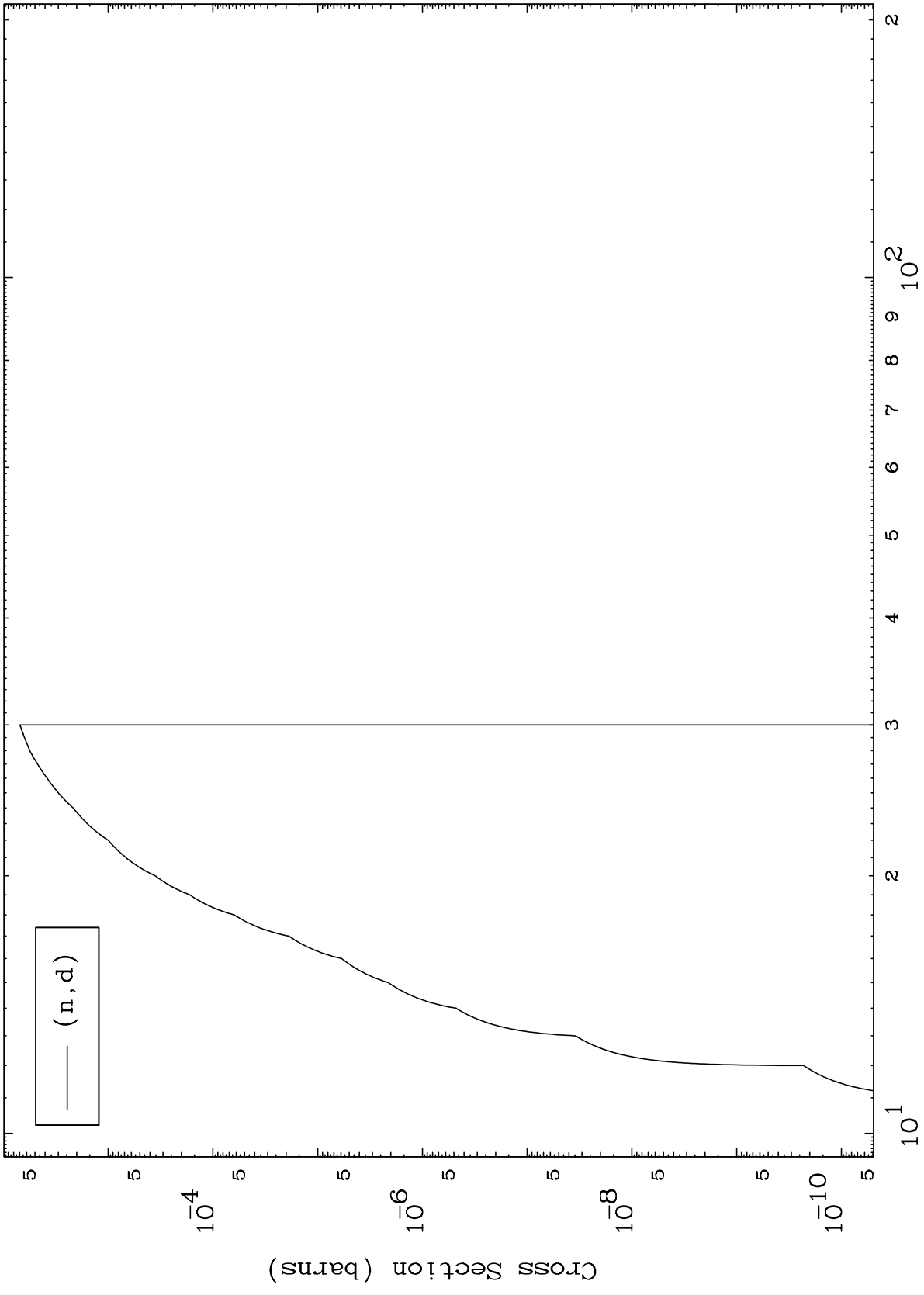
Incident Energy (MeV)

36-Kr-81

MAT 3634

(α, d) Levels
0 Kelvin Cross Sections

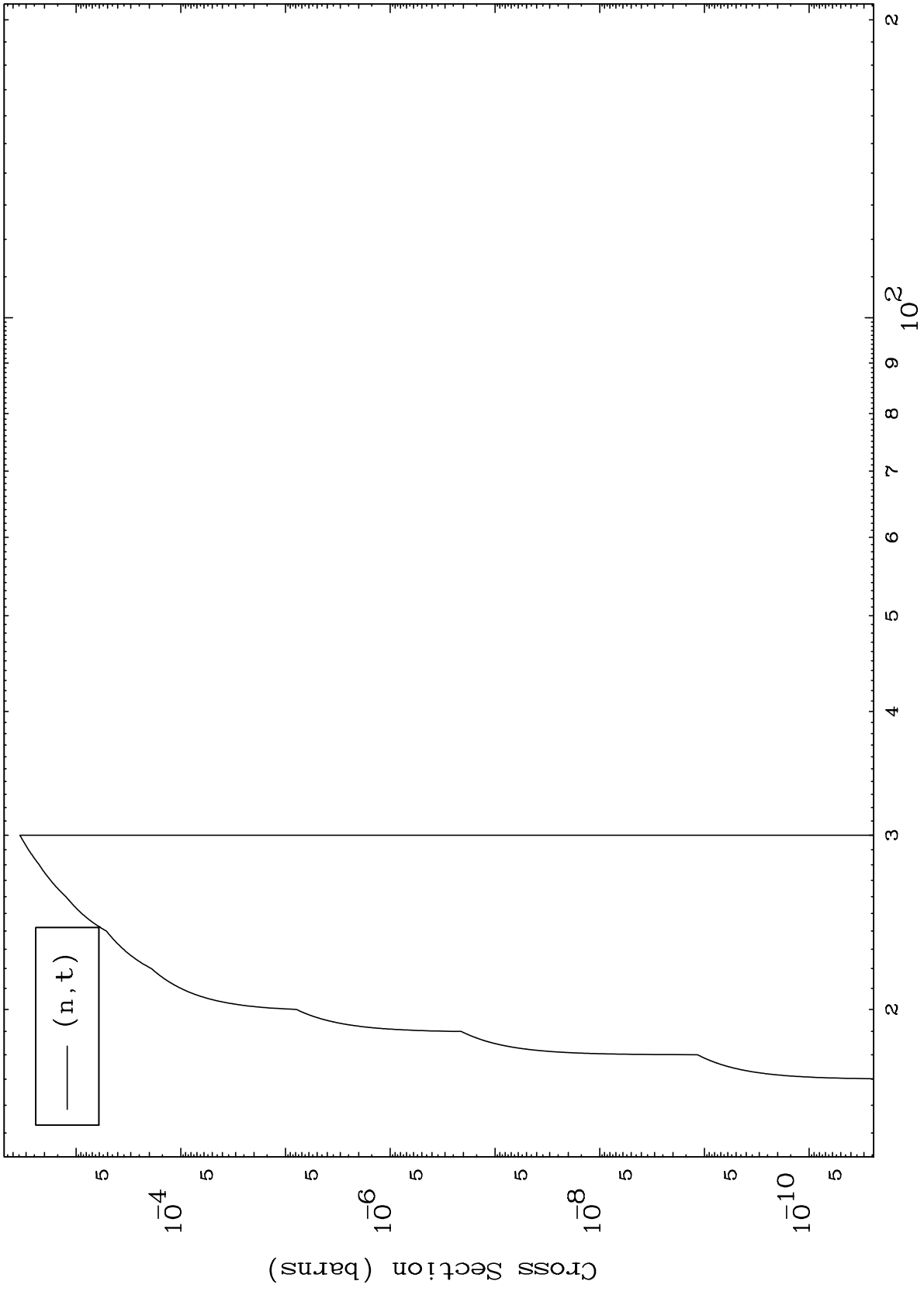
36-Kr-81



36-Kr-81

Incident Energy (MeV)

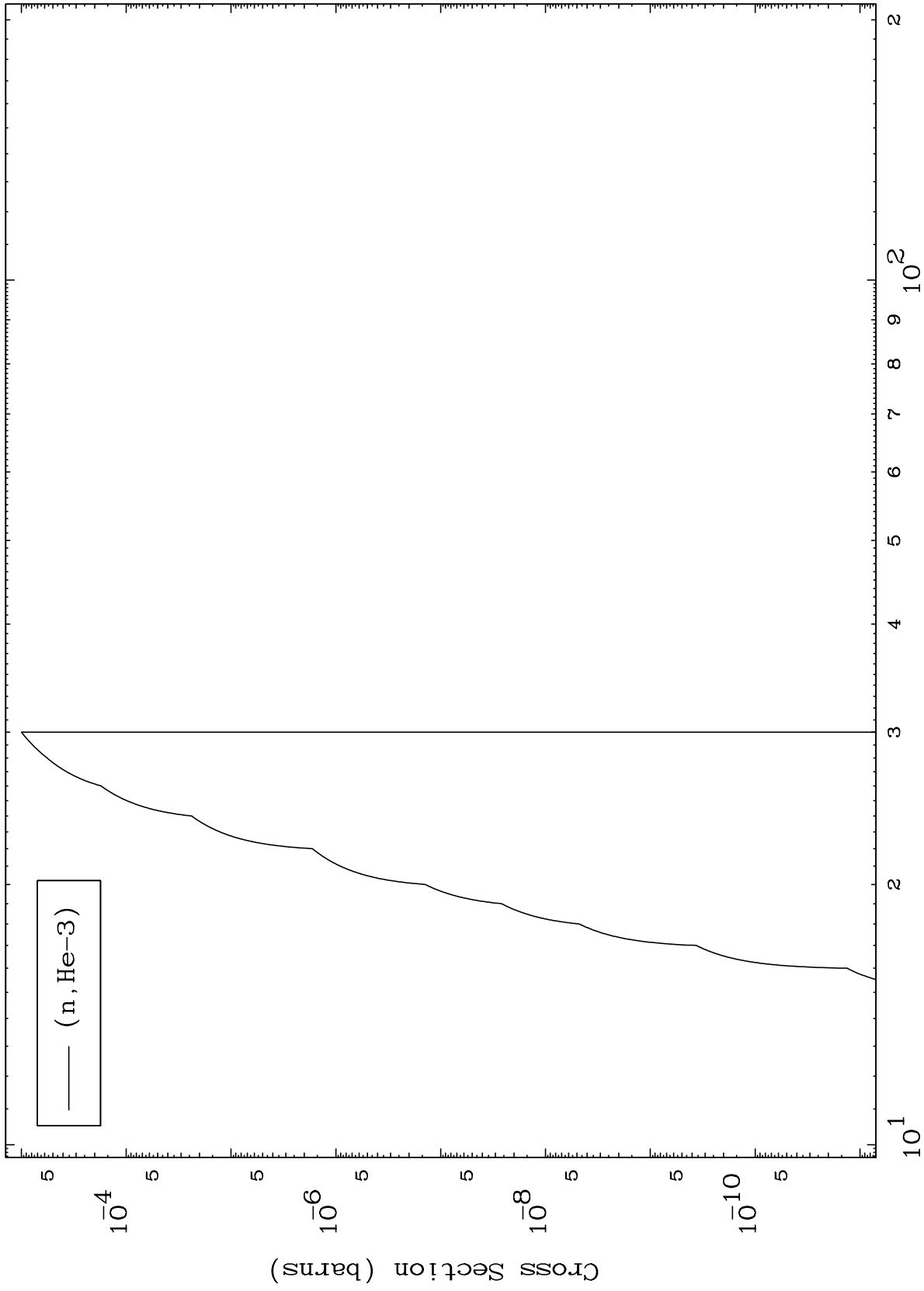
8



MAT 3634

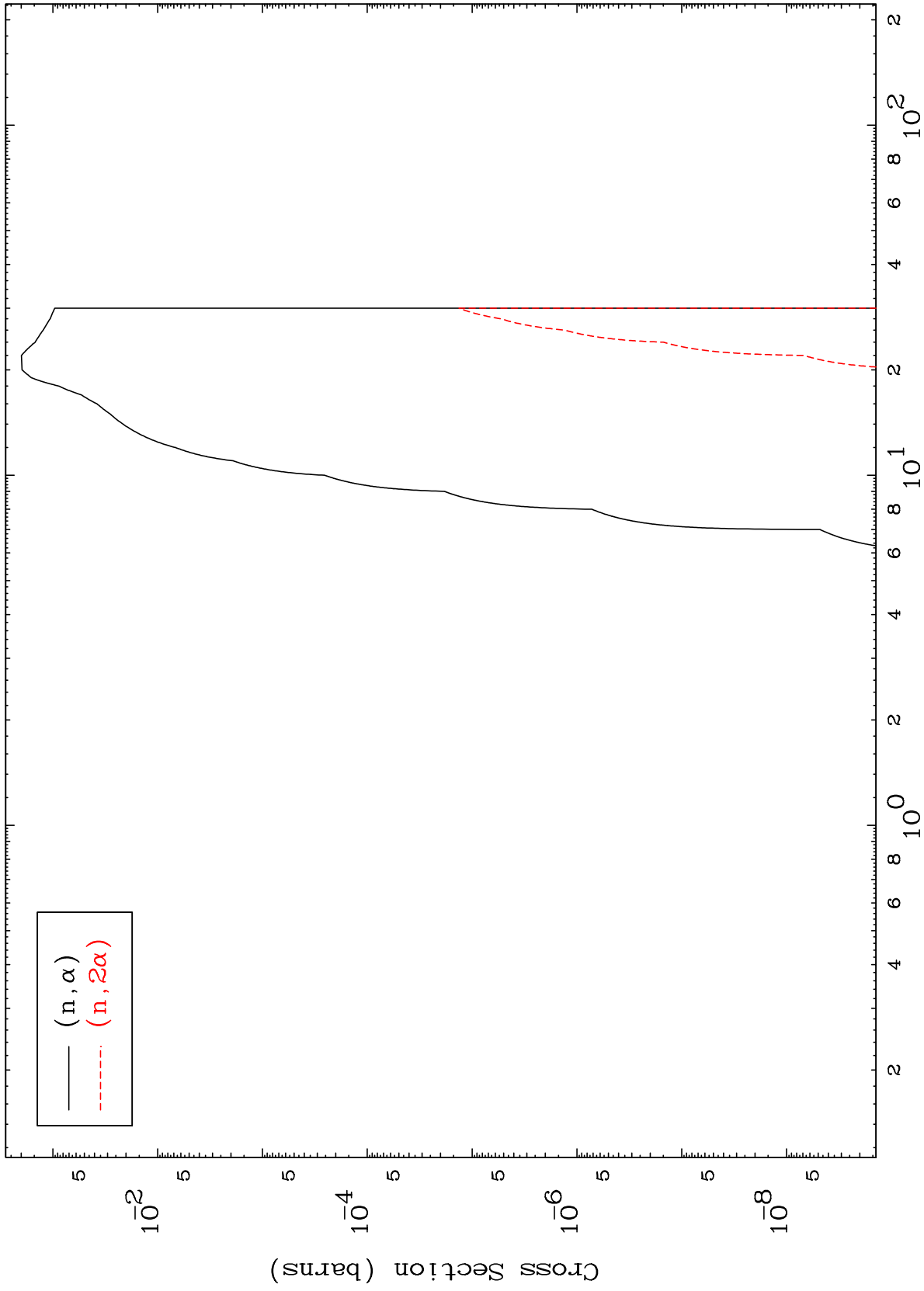
($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

36-Kr-81



Incident Energy (MeV)

36-Kr-81

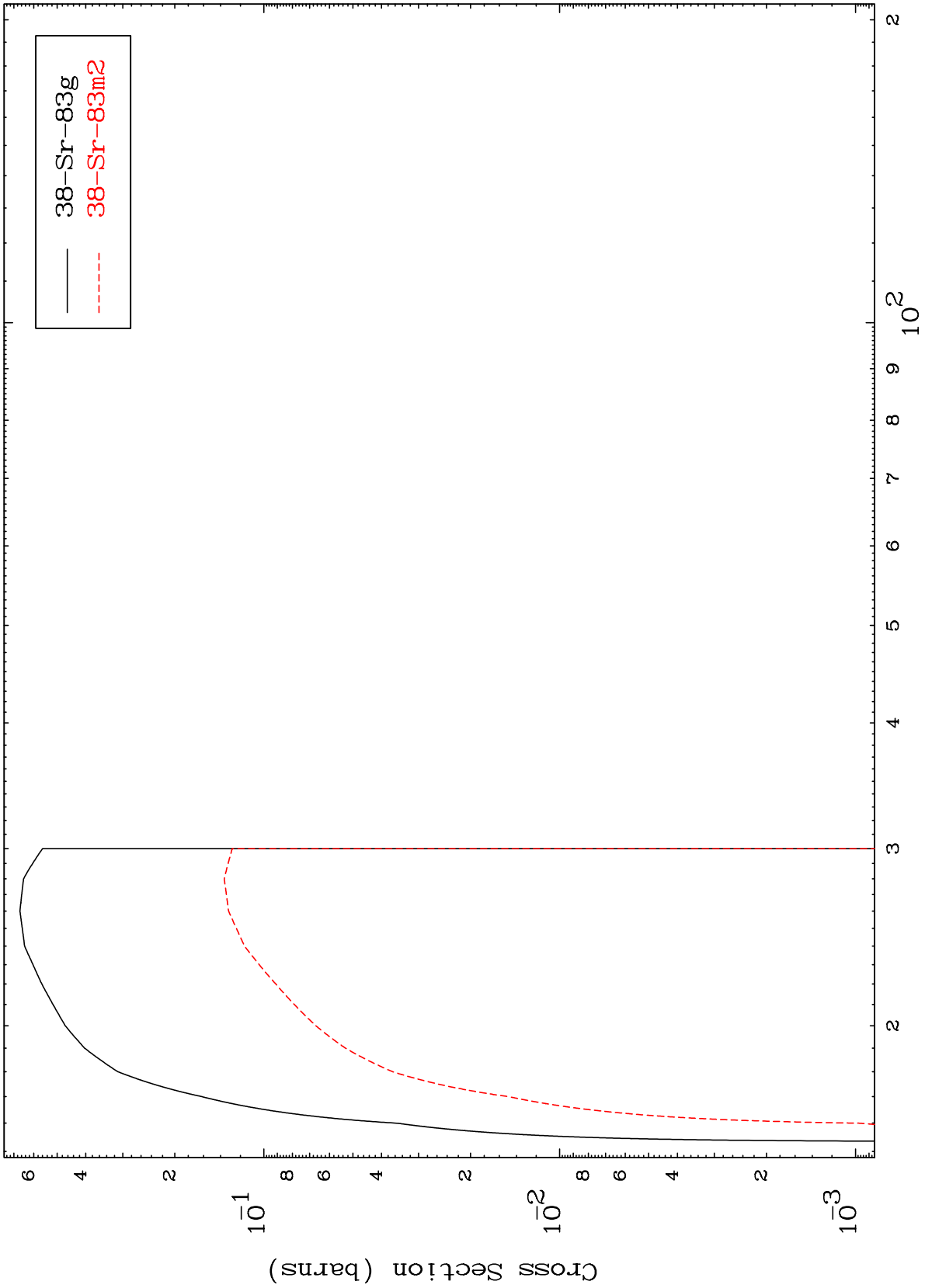


MAT 3634

(n,2n)

36-Kr-81

Radionuclide Production Cross Section



38-Sr-83g
38-Sr-83m2

12

Incident Energy (MeV)

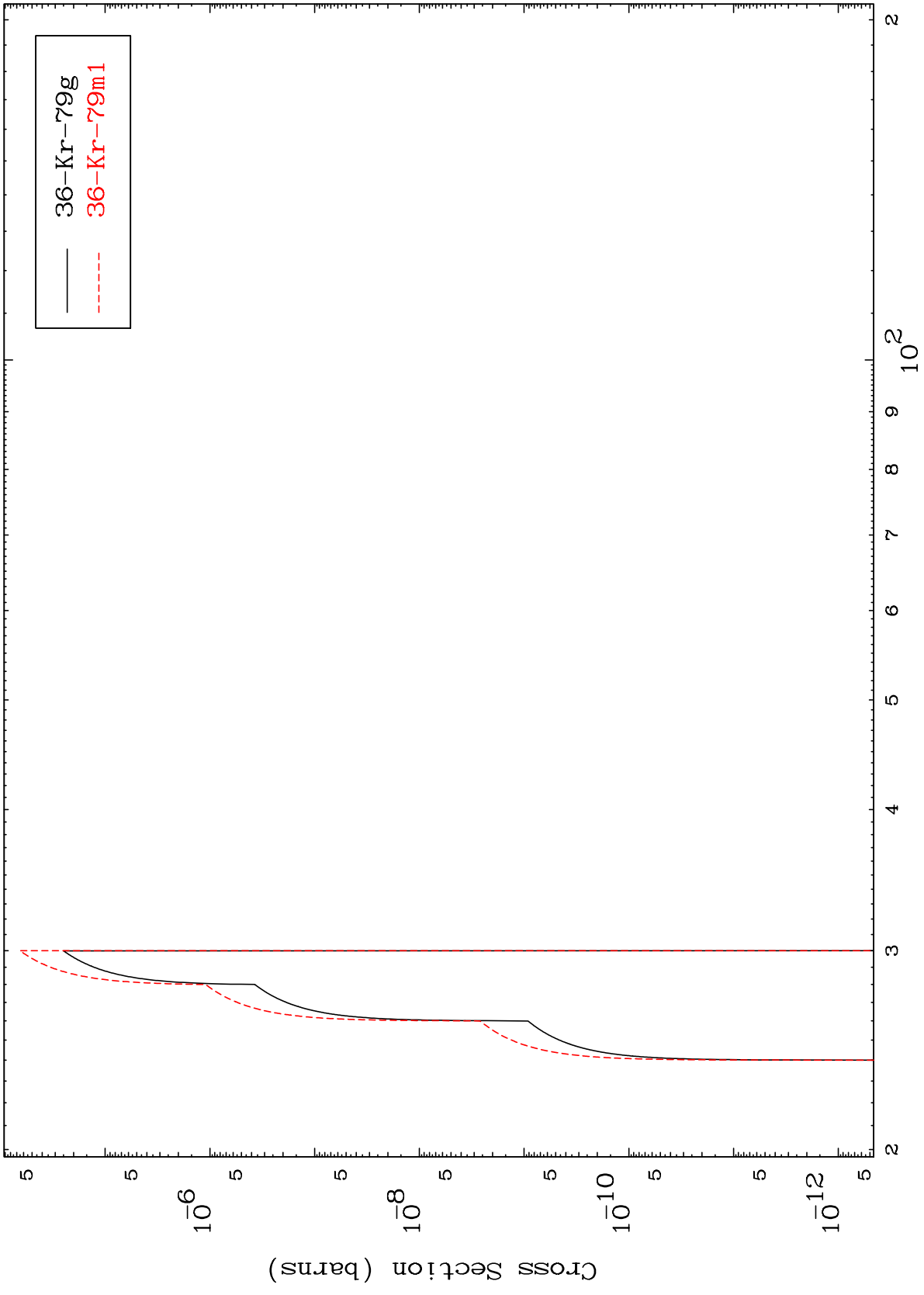
36-Kr-81

MAT 3634

(n,2n) α

36-Kr-81

Radionuclide Production Cross Section

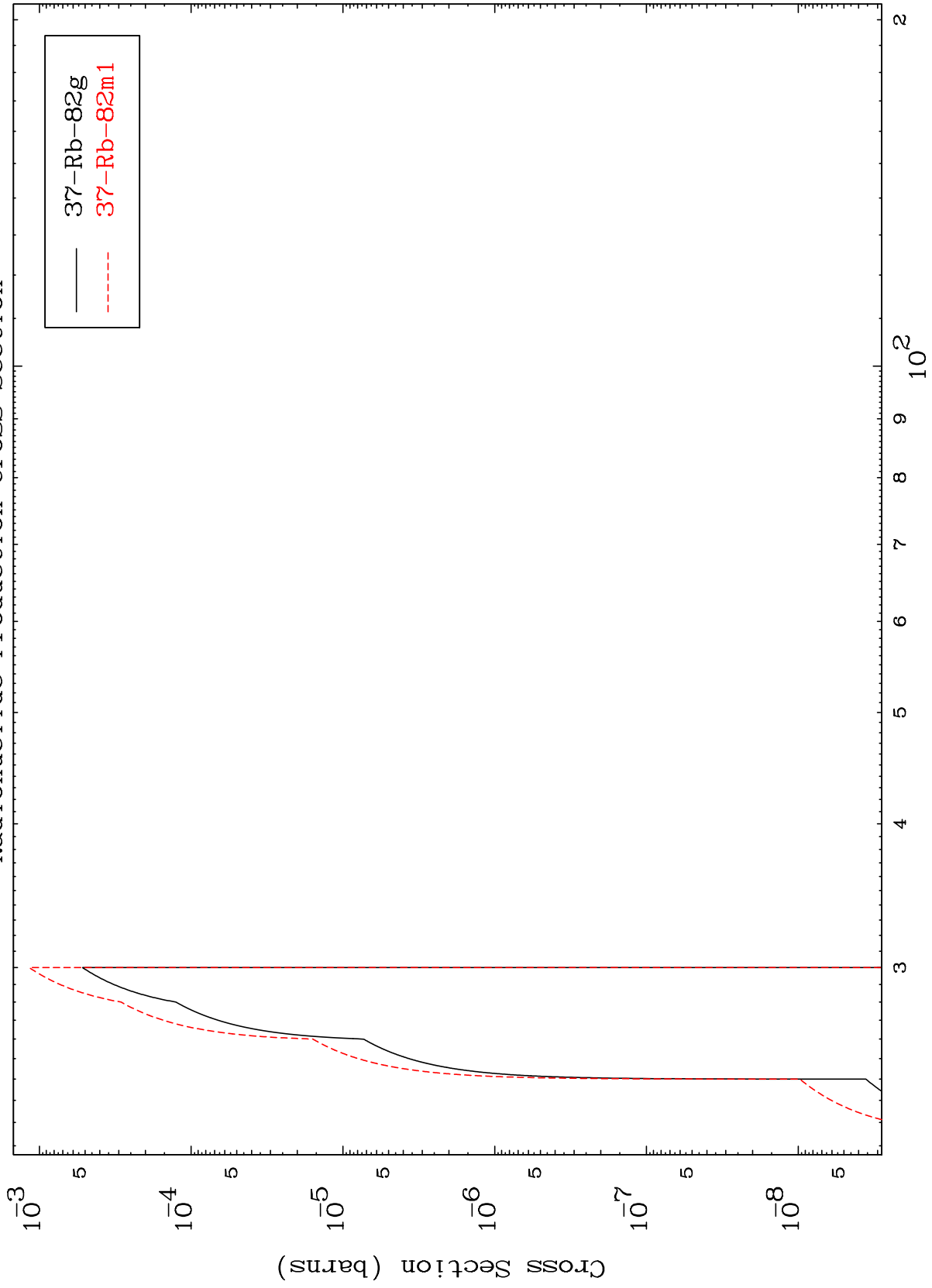


13

Incident Energy (MeV)

36-Kr-81

Radionuclide Production Cross Section

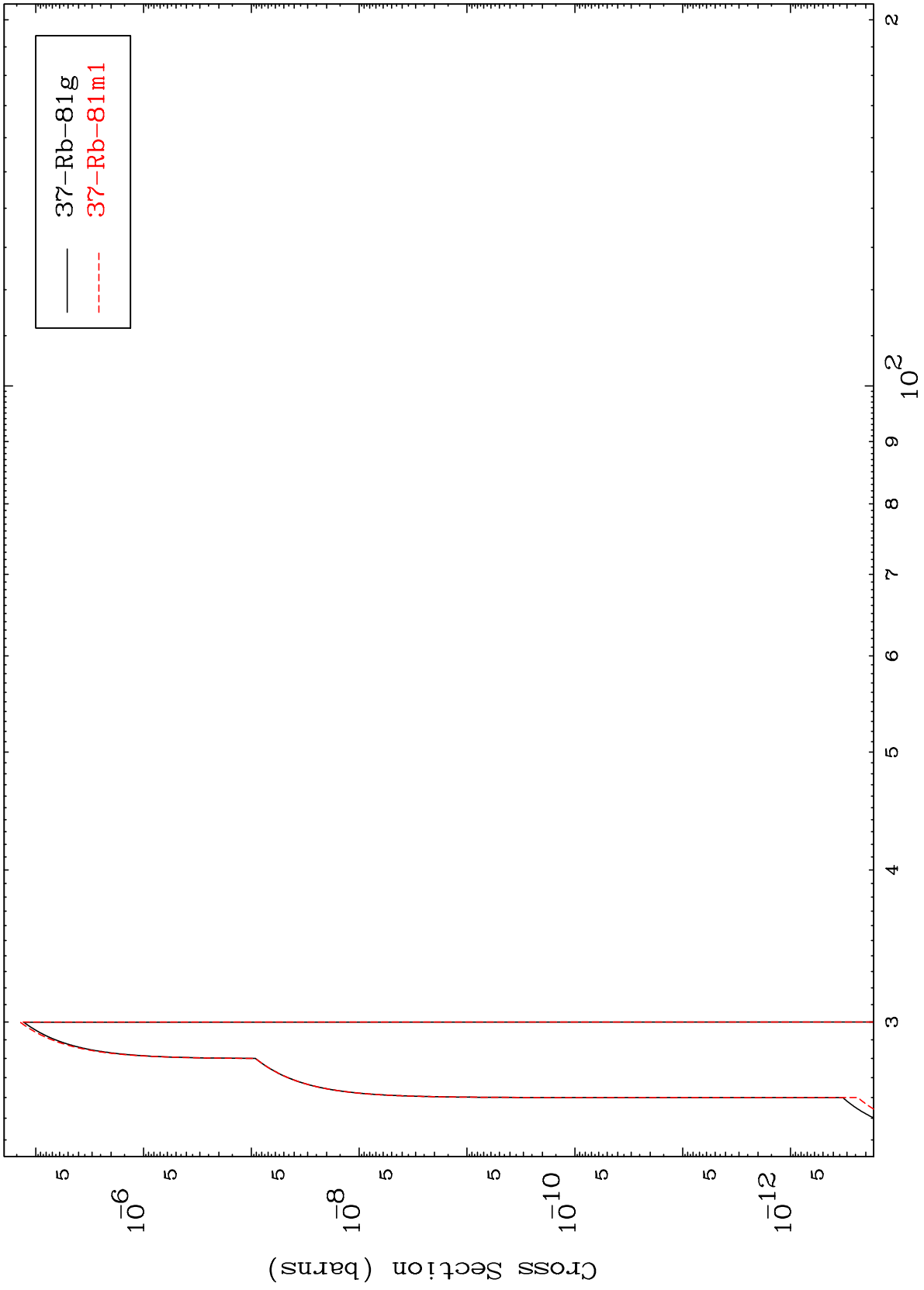


MAT 3634

(n,n') t

36-Kr-81

Radionuclide Production Cross Section



15

Incident Energy (MeV)

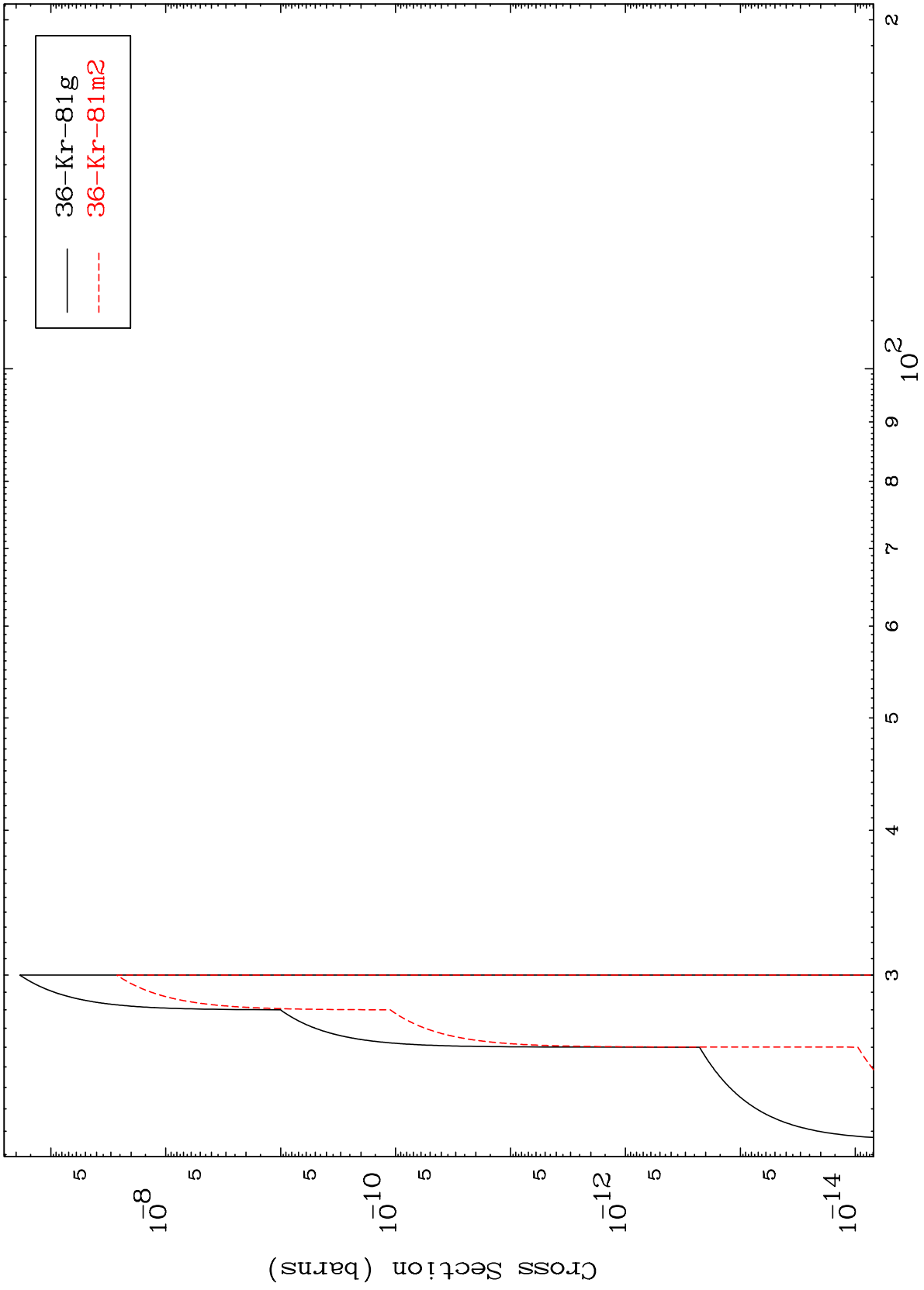
36-Kr-81

MAT 3634

(n, n') He-3

36-Kr-81

Radionuclide Production Cross Section



16

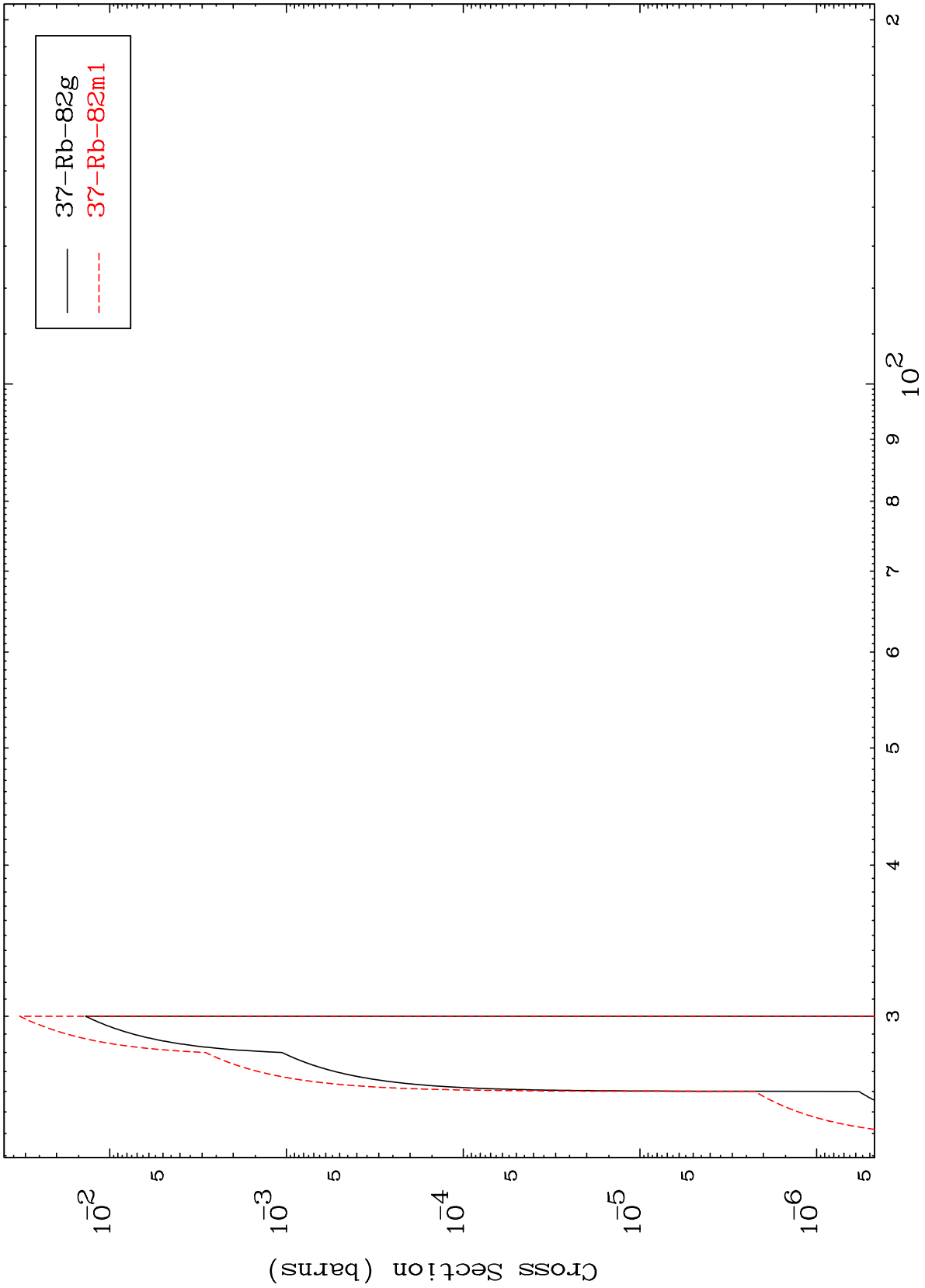
Incident Energy (MeV)

36-Kr-81

MAT 3634

36-Kr-81

(n,2n) p
Radionuclide Production Cross Section



17

Incident Energy (MeV)

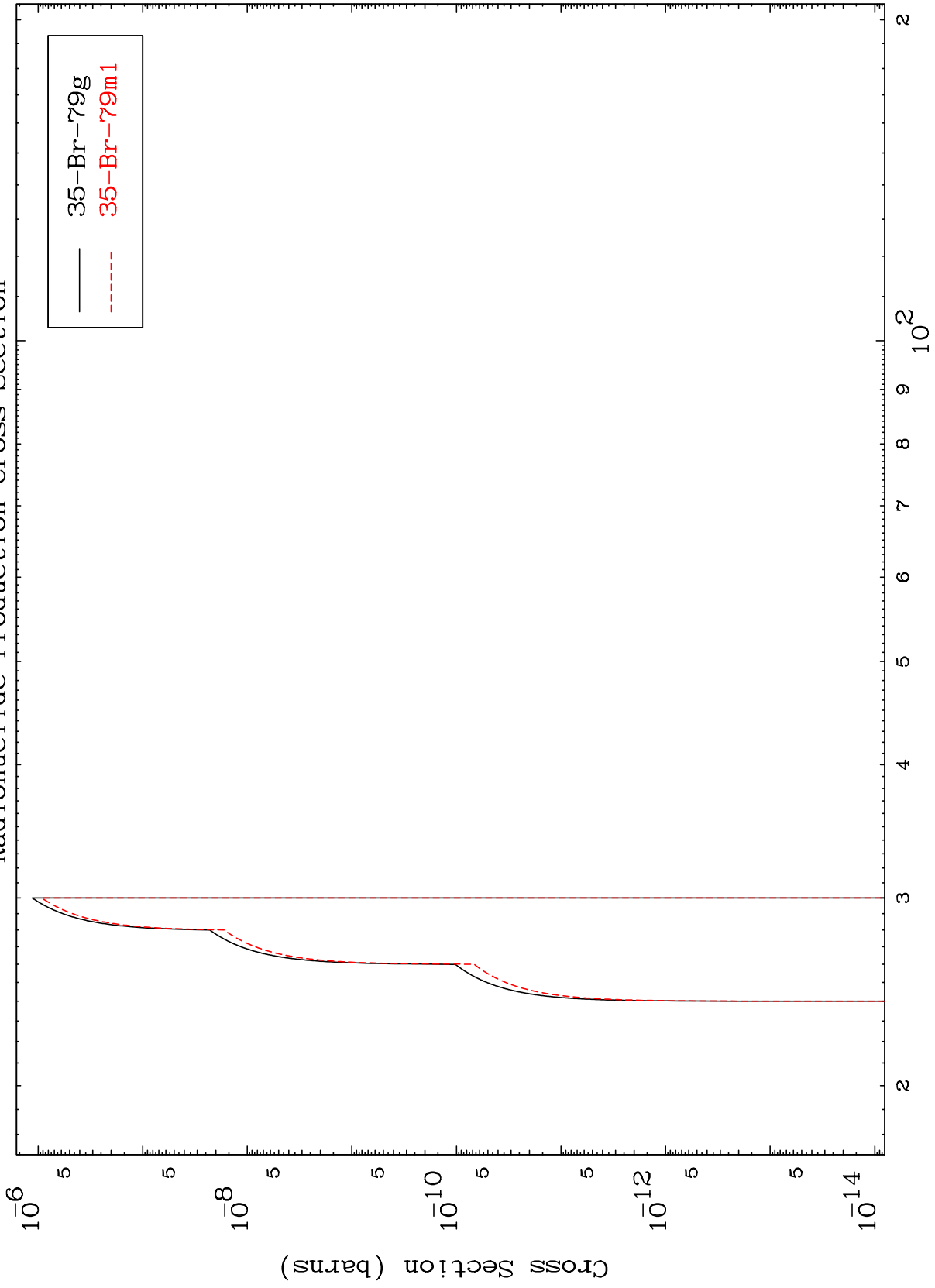
36-Kr-81

MAT 3634

(n,n') p α

36-Kr-81

Radionuclide Production Cross Section



18

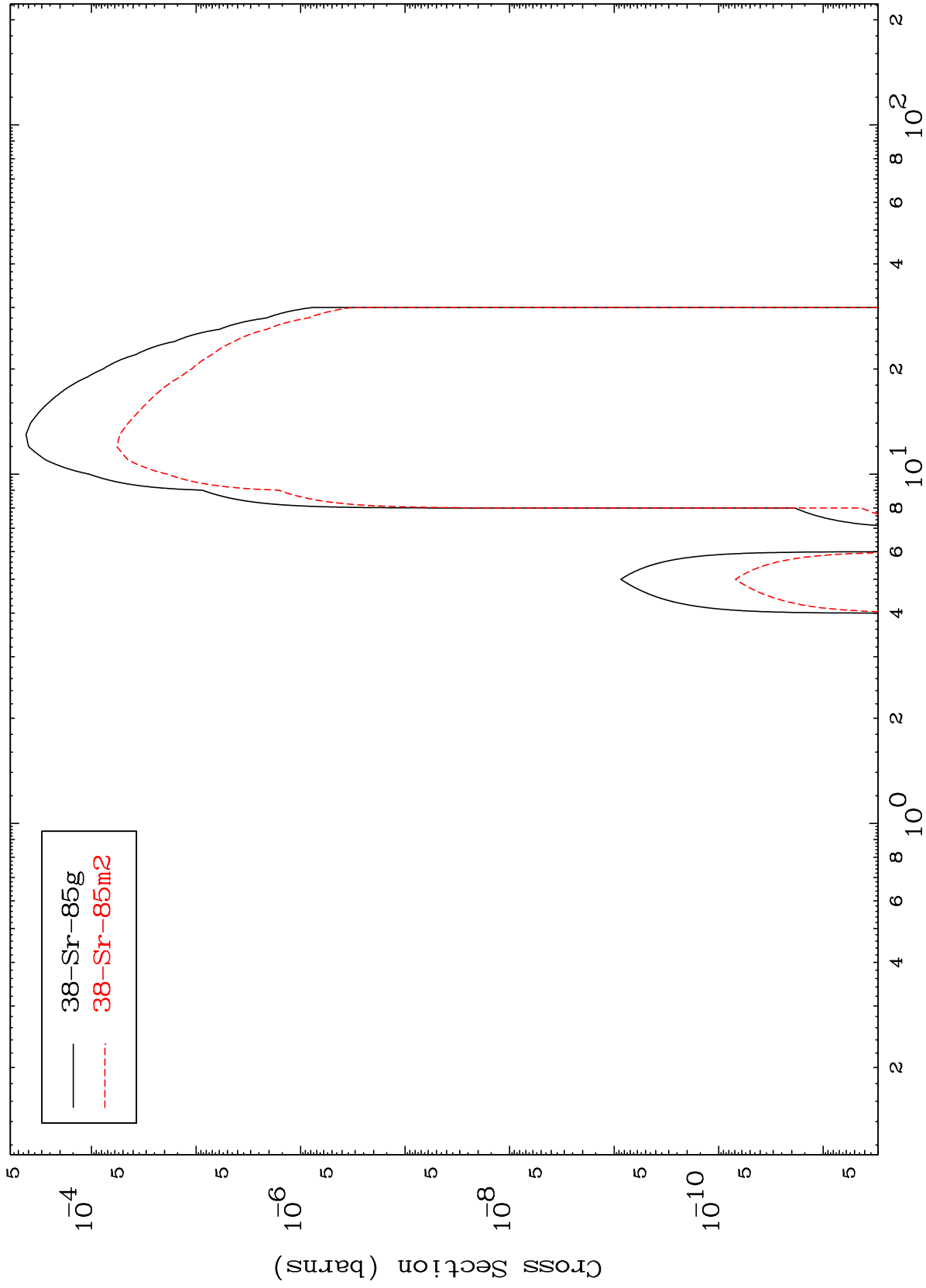
Incident Energy (MeV)

36-Kr-81

MAT 3634

³⁶Kr-81

Radionuclide Production Cross Section



19

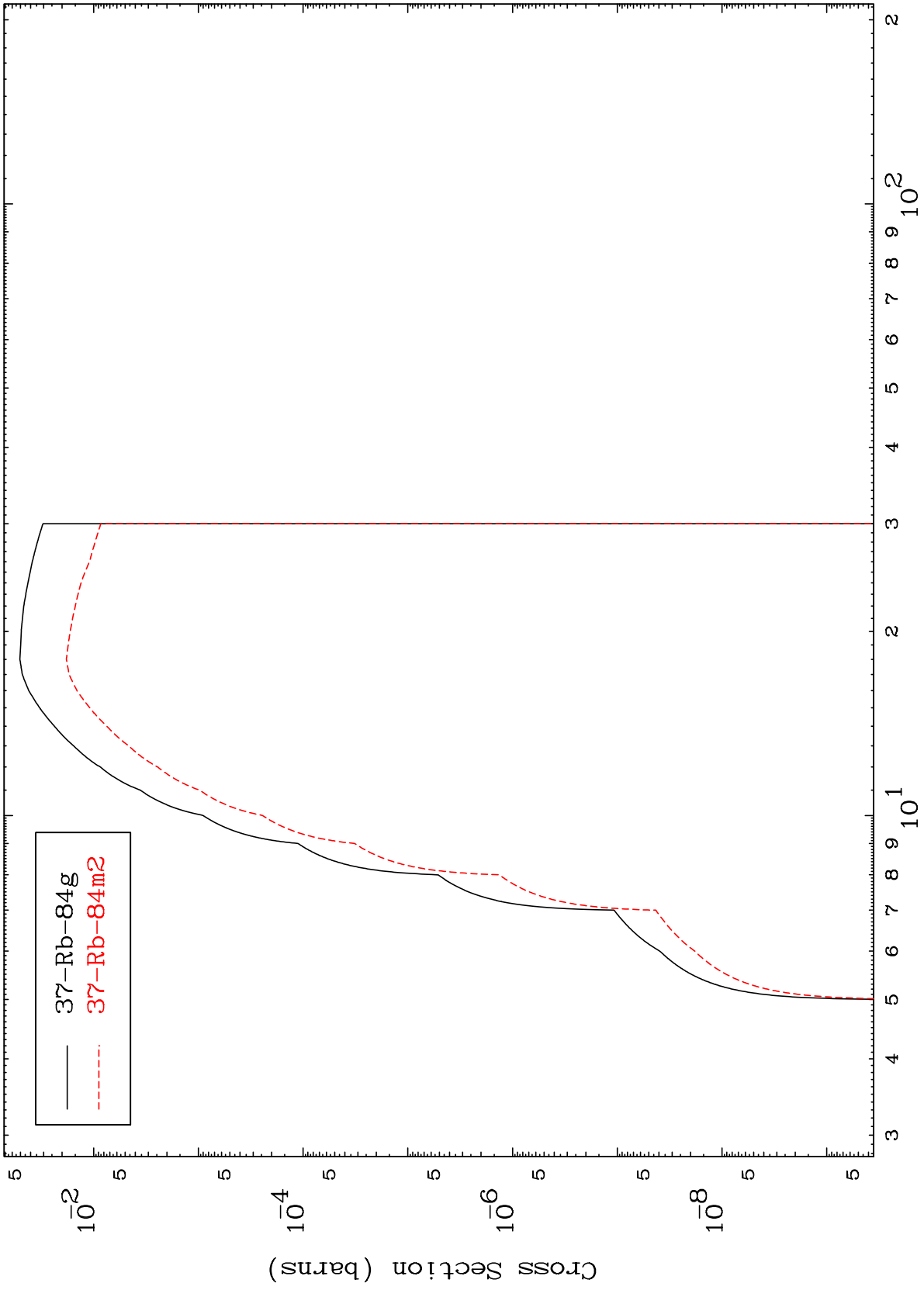
Incident Energy (MeV)

³⁶Kr-81

MAT 3634

36-Kr-81

(n,p)
Radionuclide Production Cross Section



20

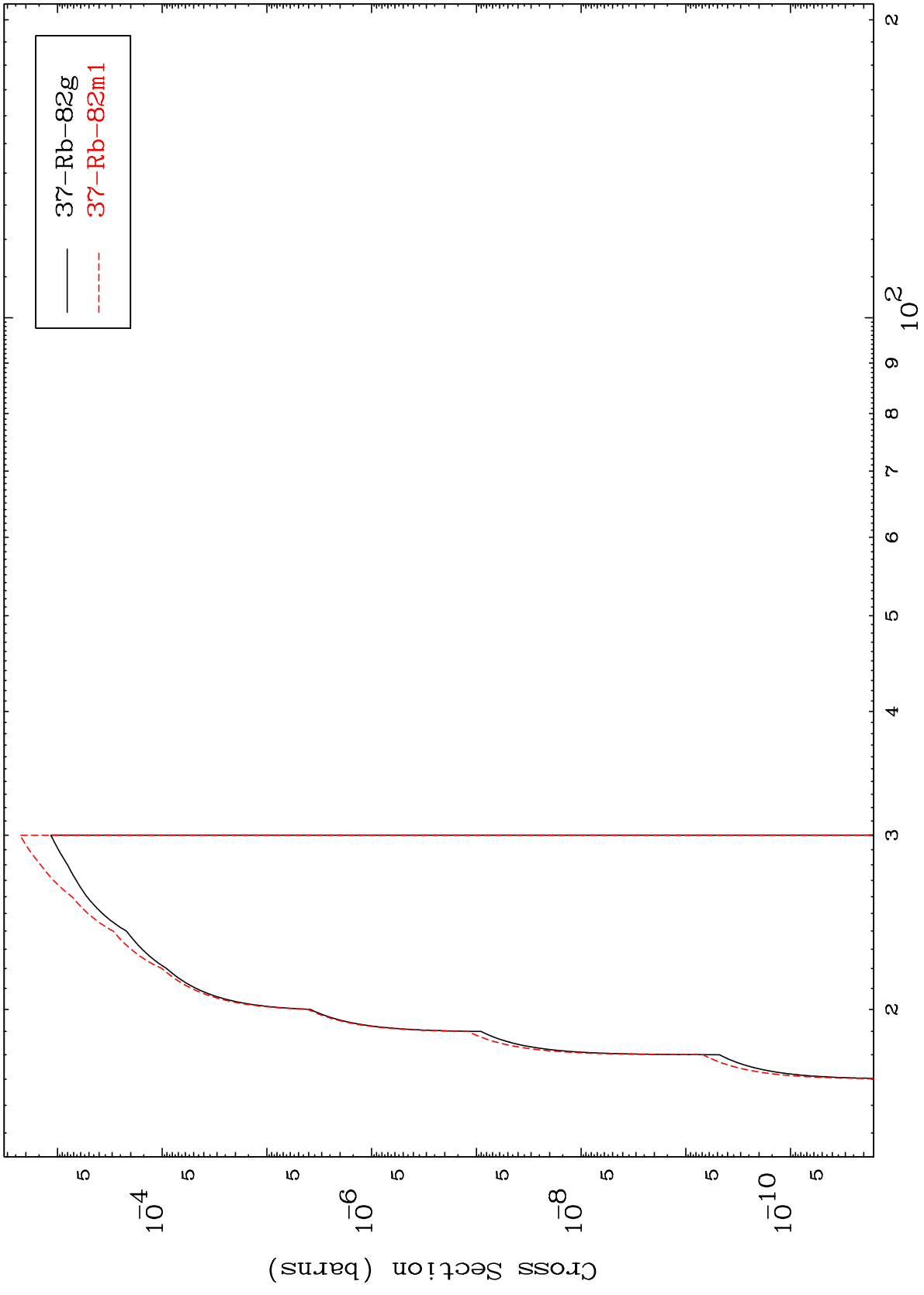
Incident Energy (MeV)

36-Kr-81

MAT 3634

36-Kr-81

(n, t)
Radionuclide Production Cross Section



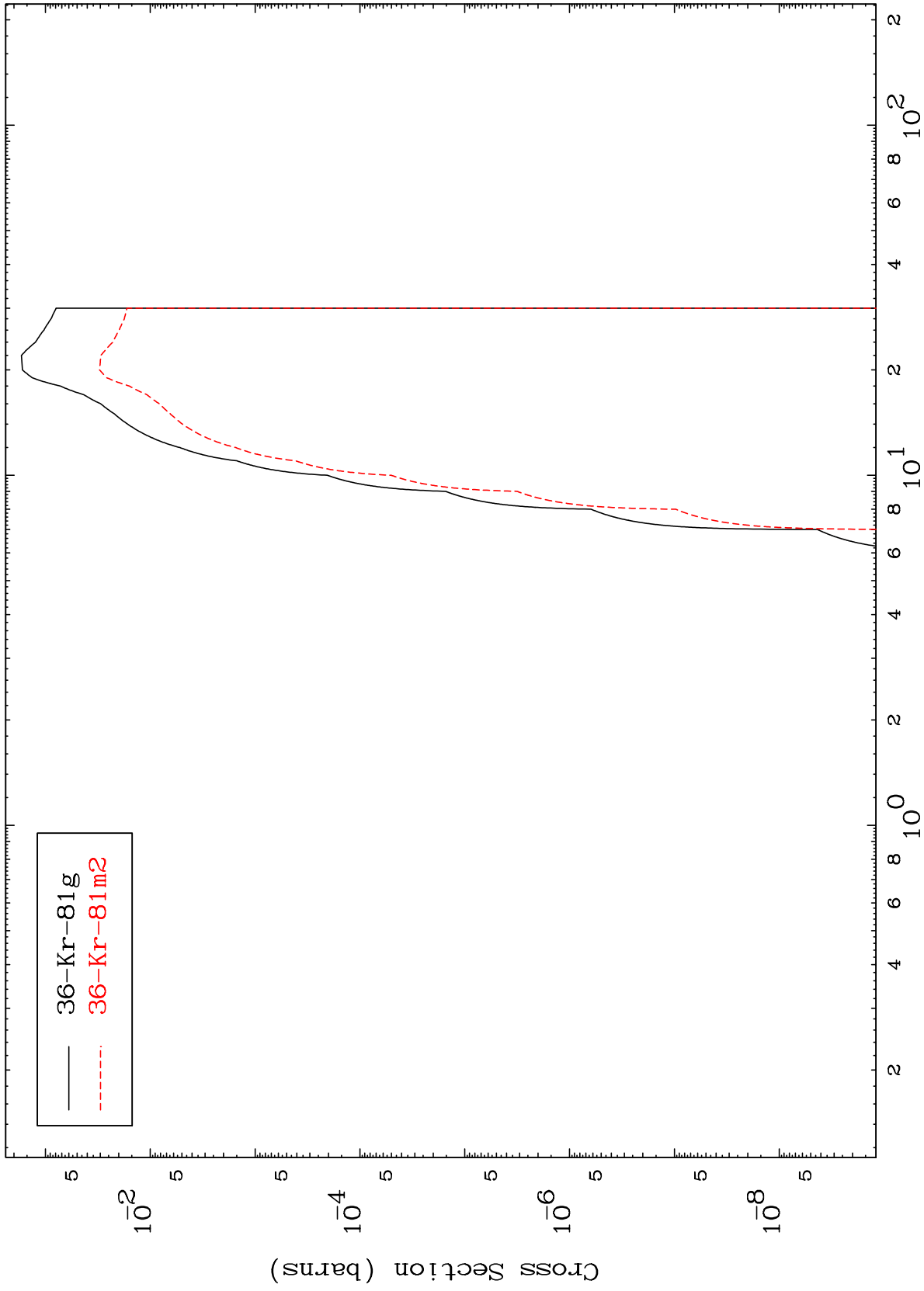
21

36-Kr-81

MAT 3634

³⁶Kr-81

Radionuclide Production Cross Section



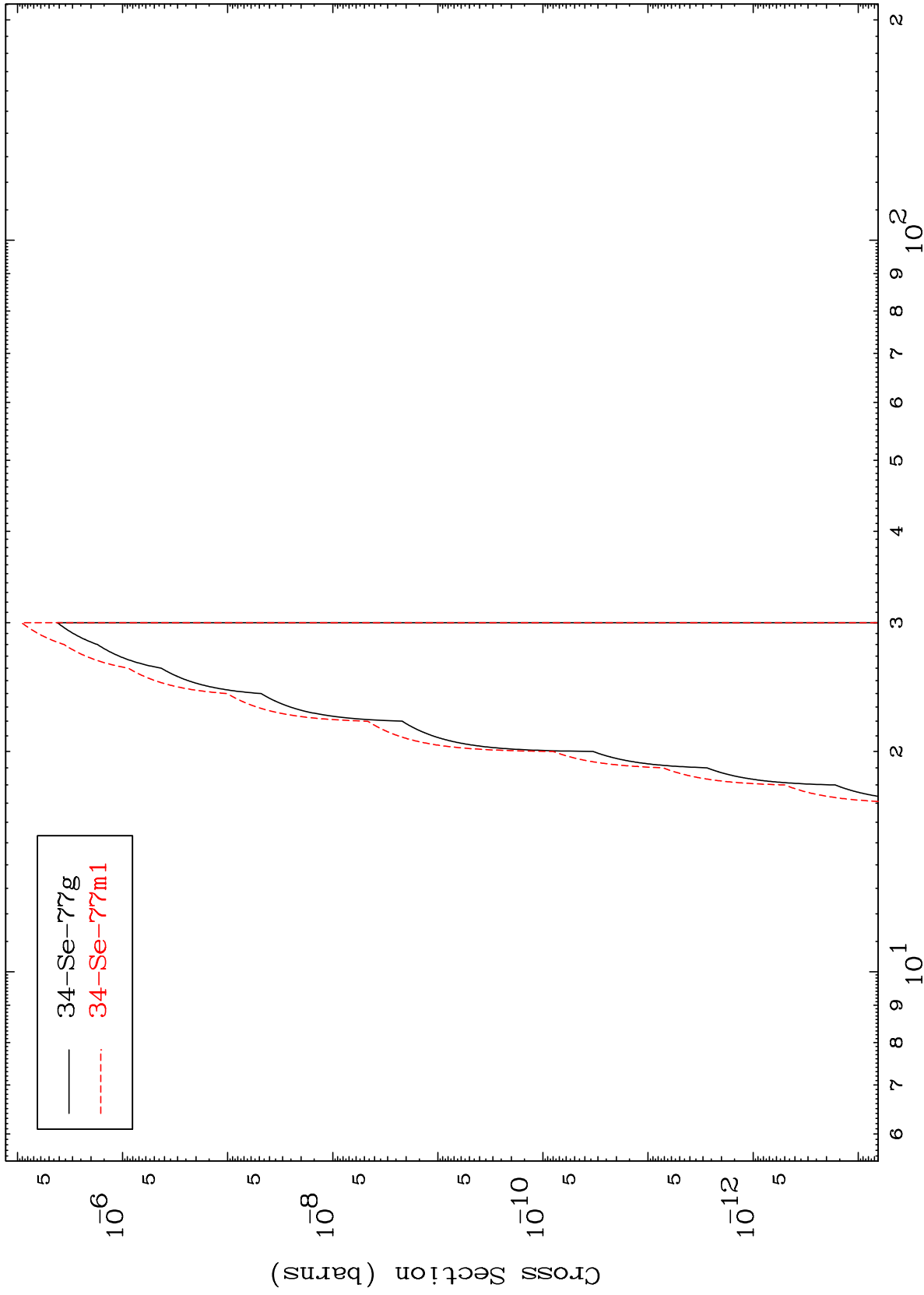
22

³⁶Kr-81

MAT 3634

36-Kr-81

Radionuclide Production Cross Section



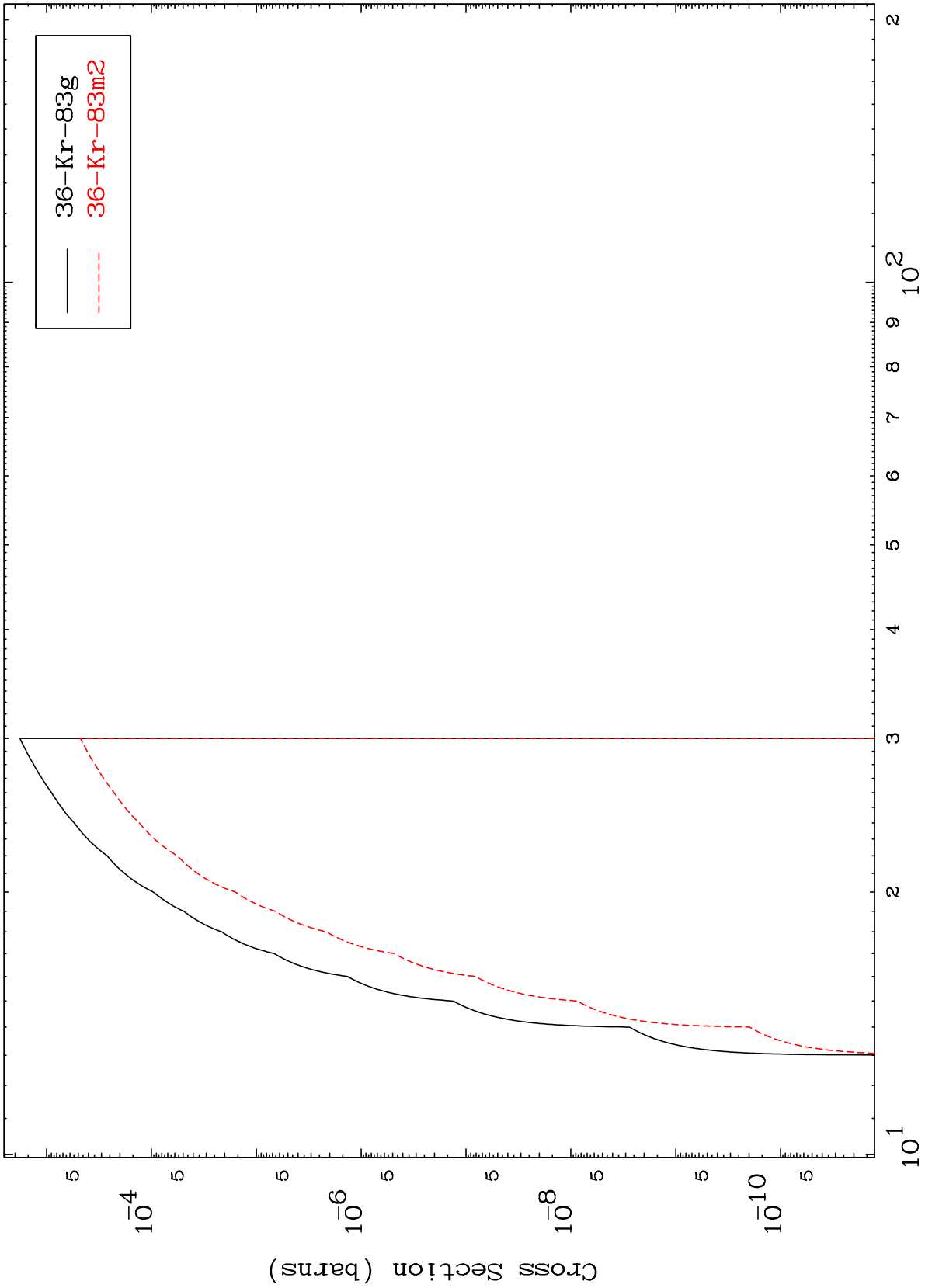
23

36-Kr-81

MAT 3634

³⁶Kr-81

(n,2p)
Radionuclide Production Cross Section



³⁶Kr-81

Incident Energy (MeV)

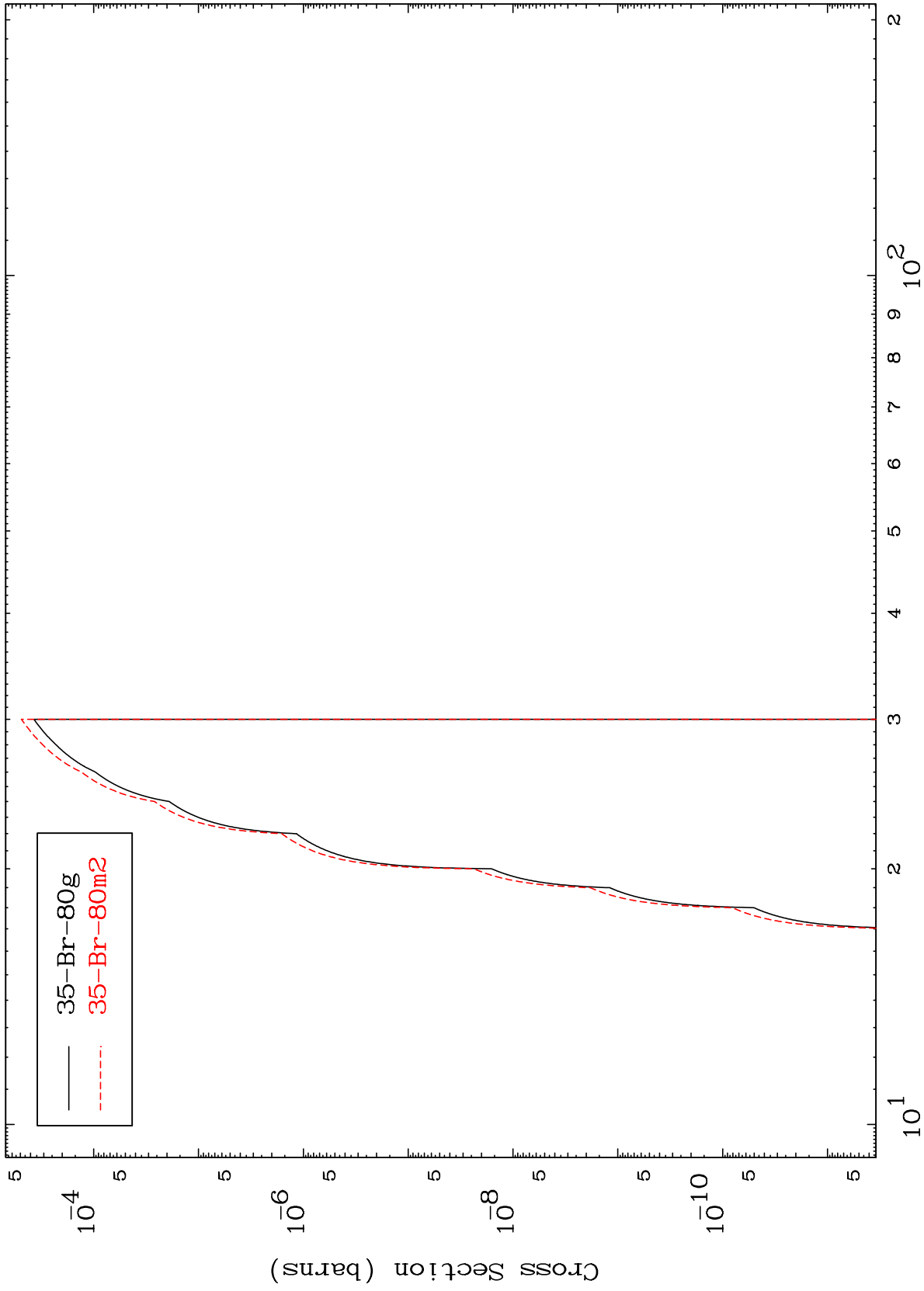
24

MAT 3634

(n,p) α

36-Kr-81

Radionuclide Production Cross Section



25

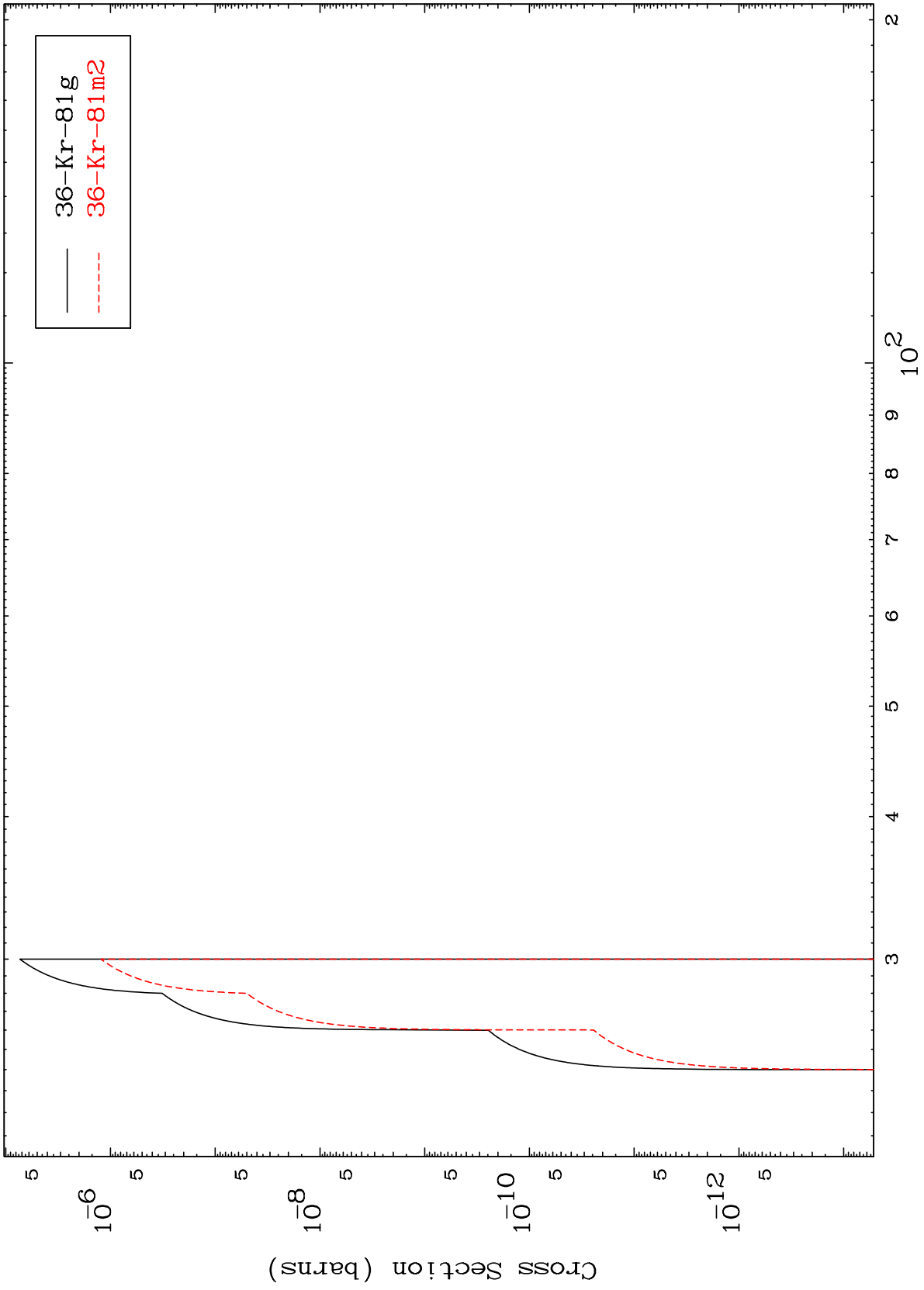
36-Kr-81

MAT 3634

(n,p) t

³⁶Kr-81

Radionuclide Production Cross Section



26

Incident Energy (MeV)

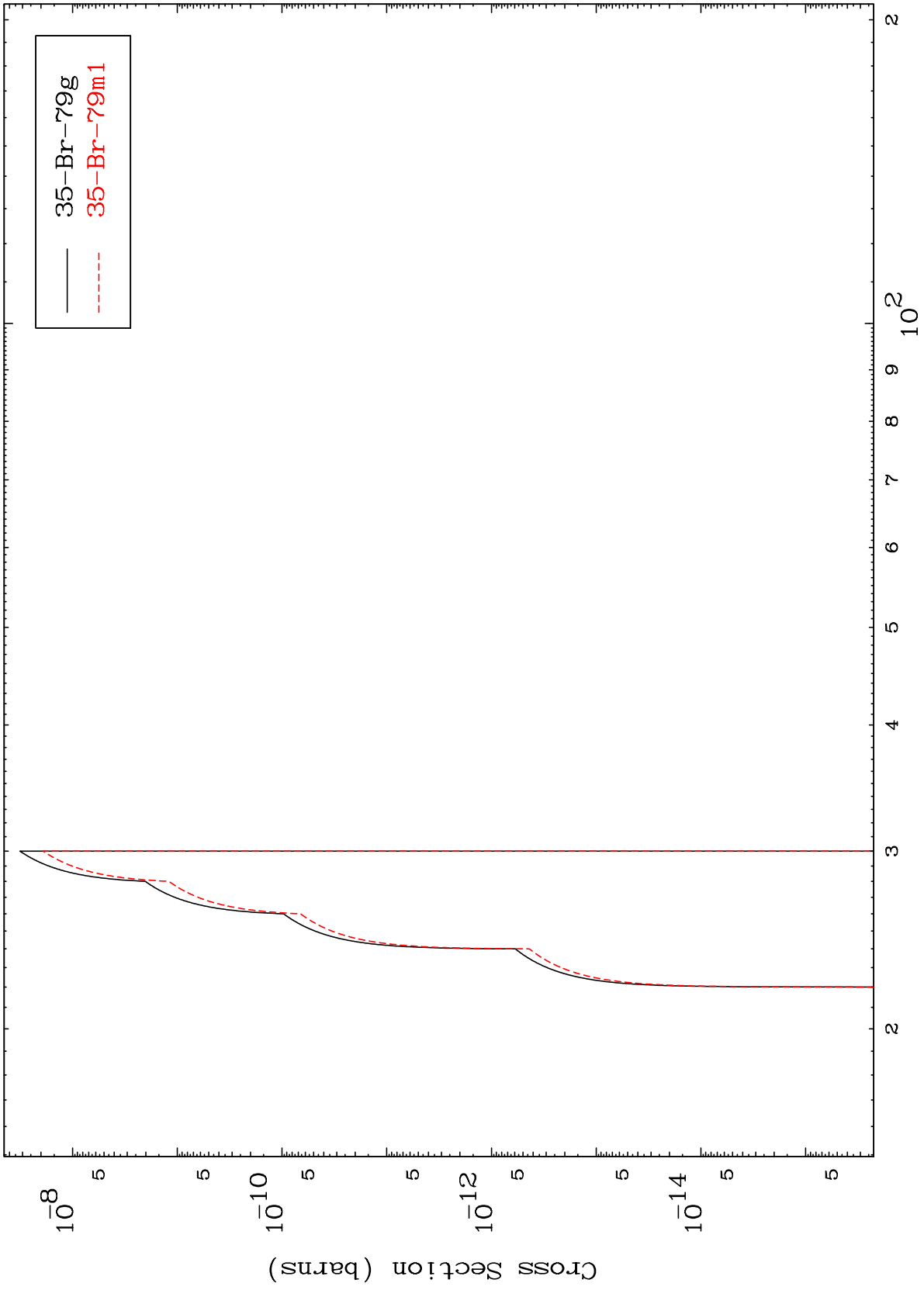
³⁶Kr-81

MAT 3634

(n,d) α

36-Kr-81

Radionuclide Production Cross Section



27

Incident Energy (MeV)

36-Kr-81