

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

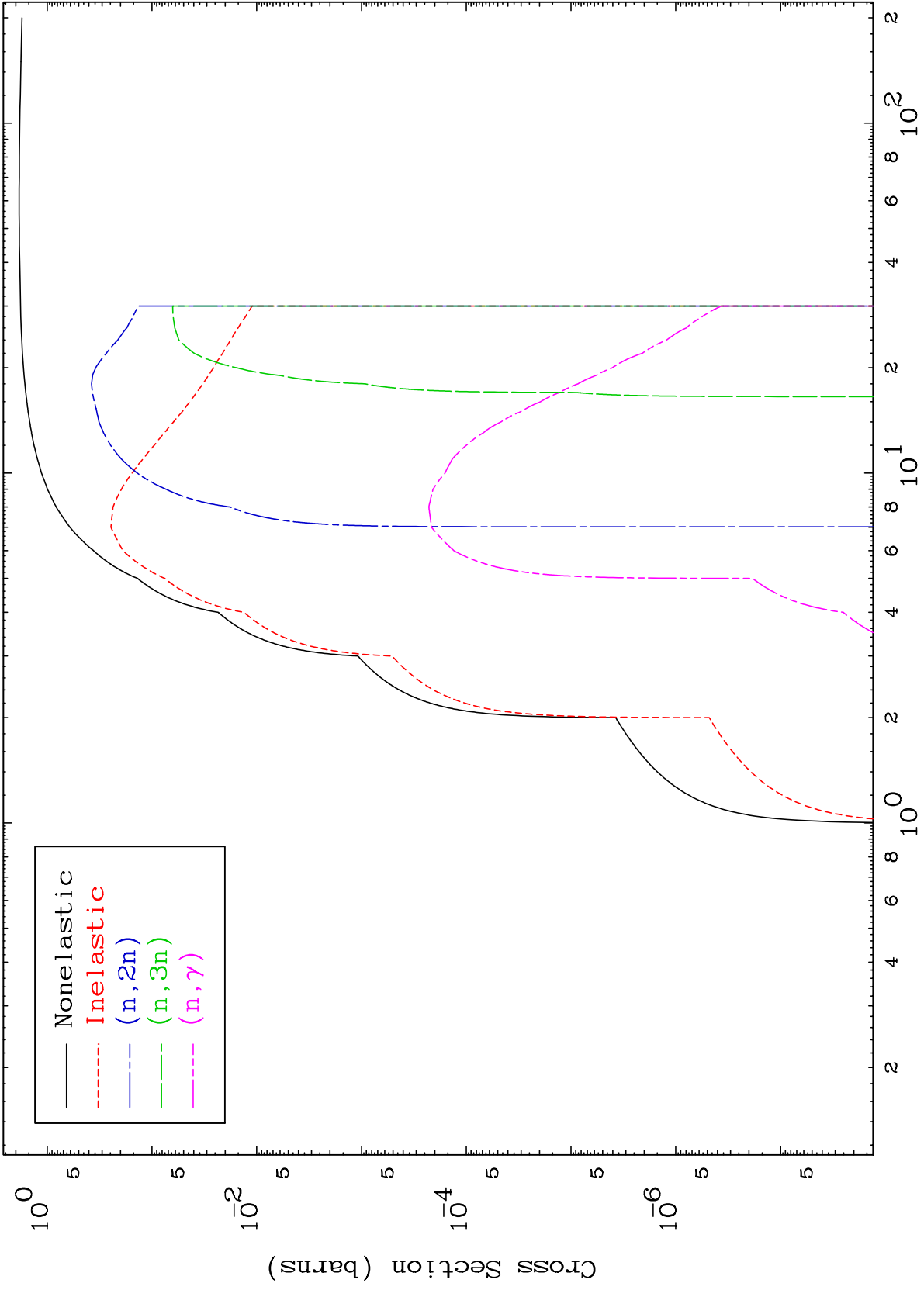
Press Mouse Button to Start

MAT 3714

Deuteron Major

37-Rb-81m

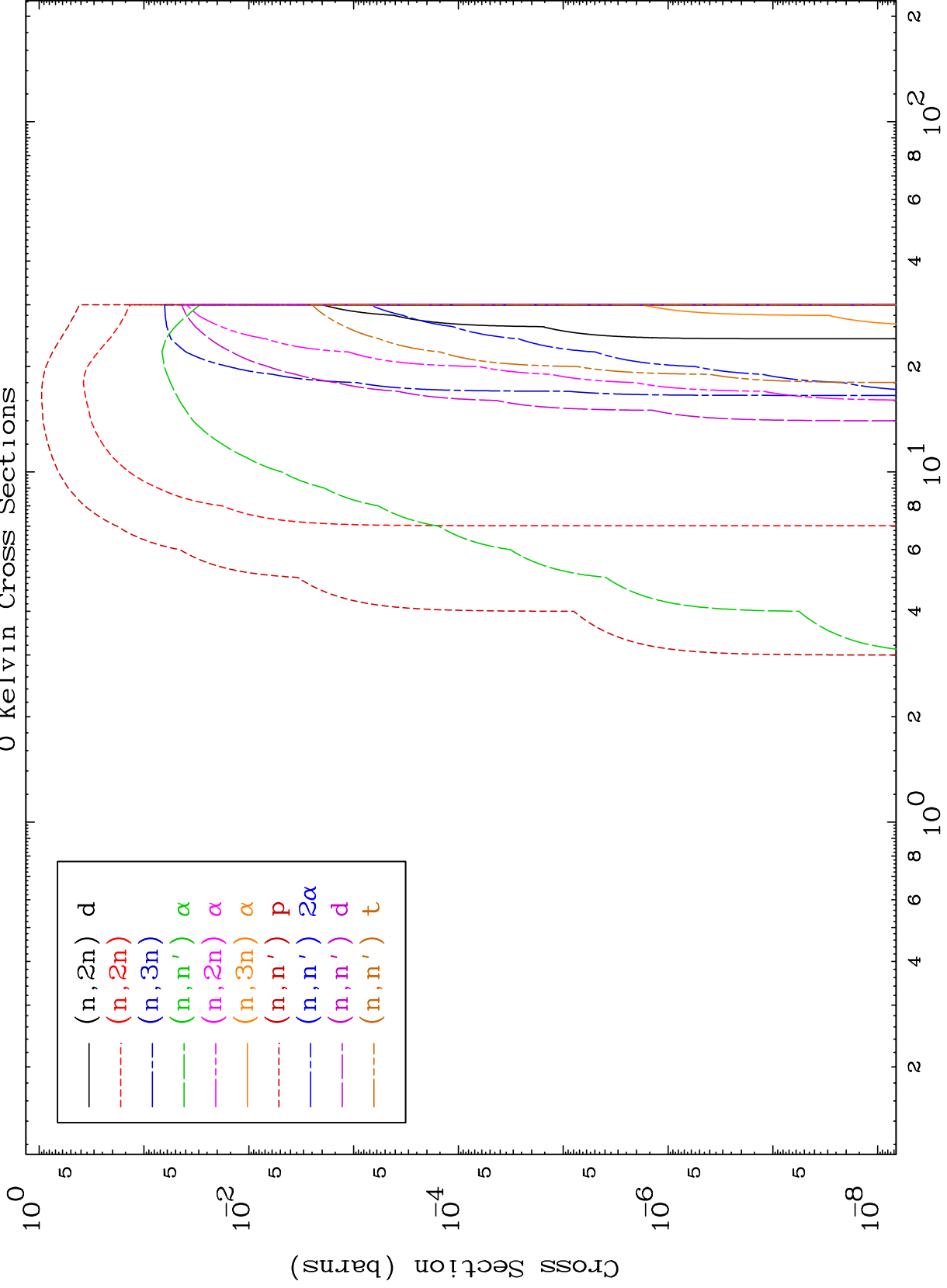
0 Kelvin Cross Sections



MAT 3714

Deuteron Neutron Absorption
0 Kelvin Cross Sections

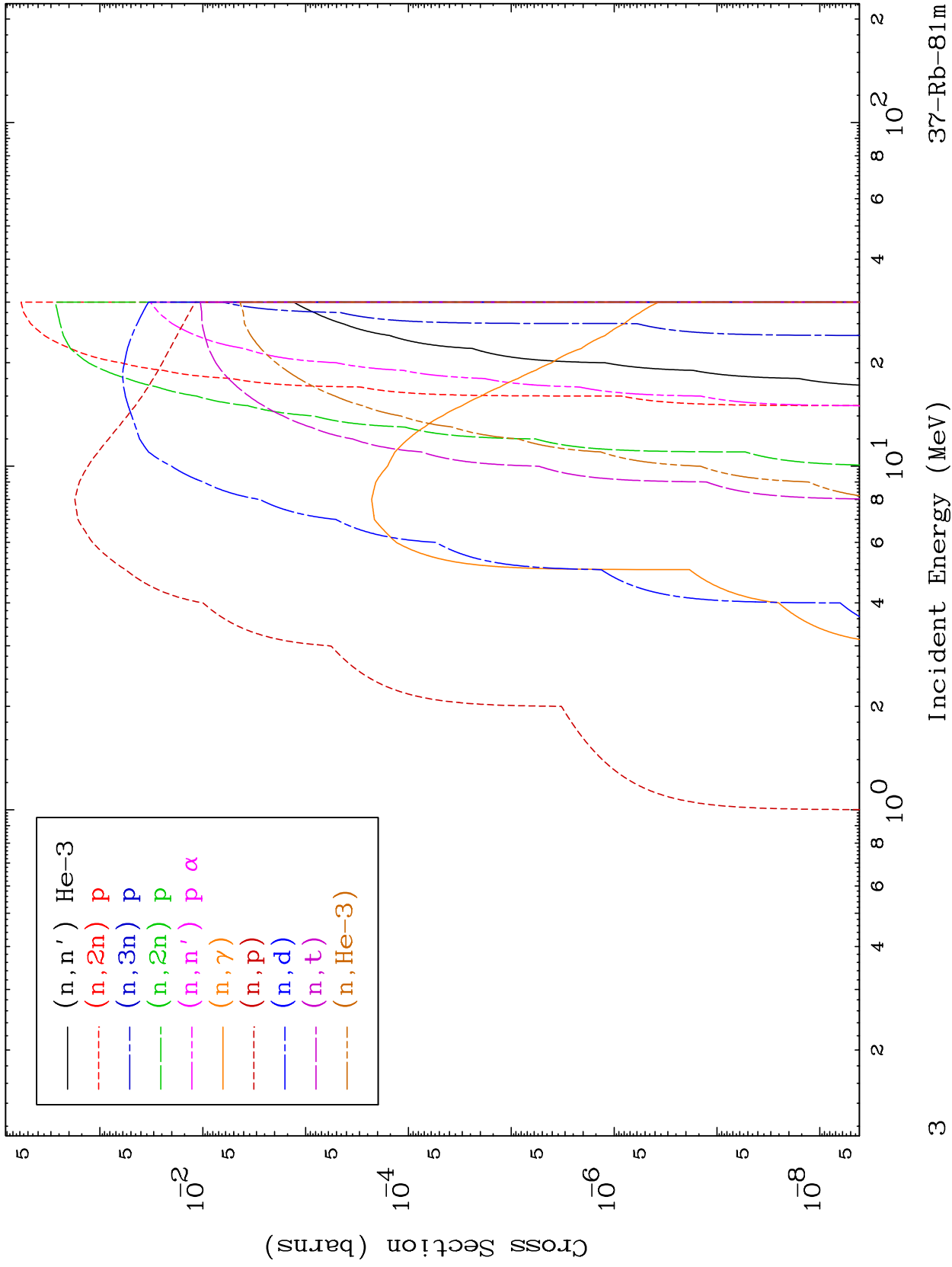
37-Rb-81m



MAT 3714

Deuteron Neutron Absorption
0 Kelvin Cross Sections

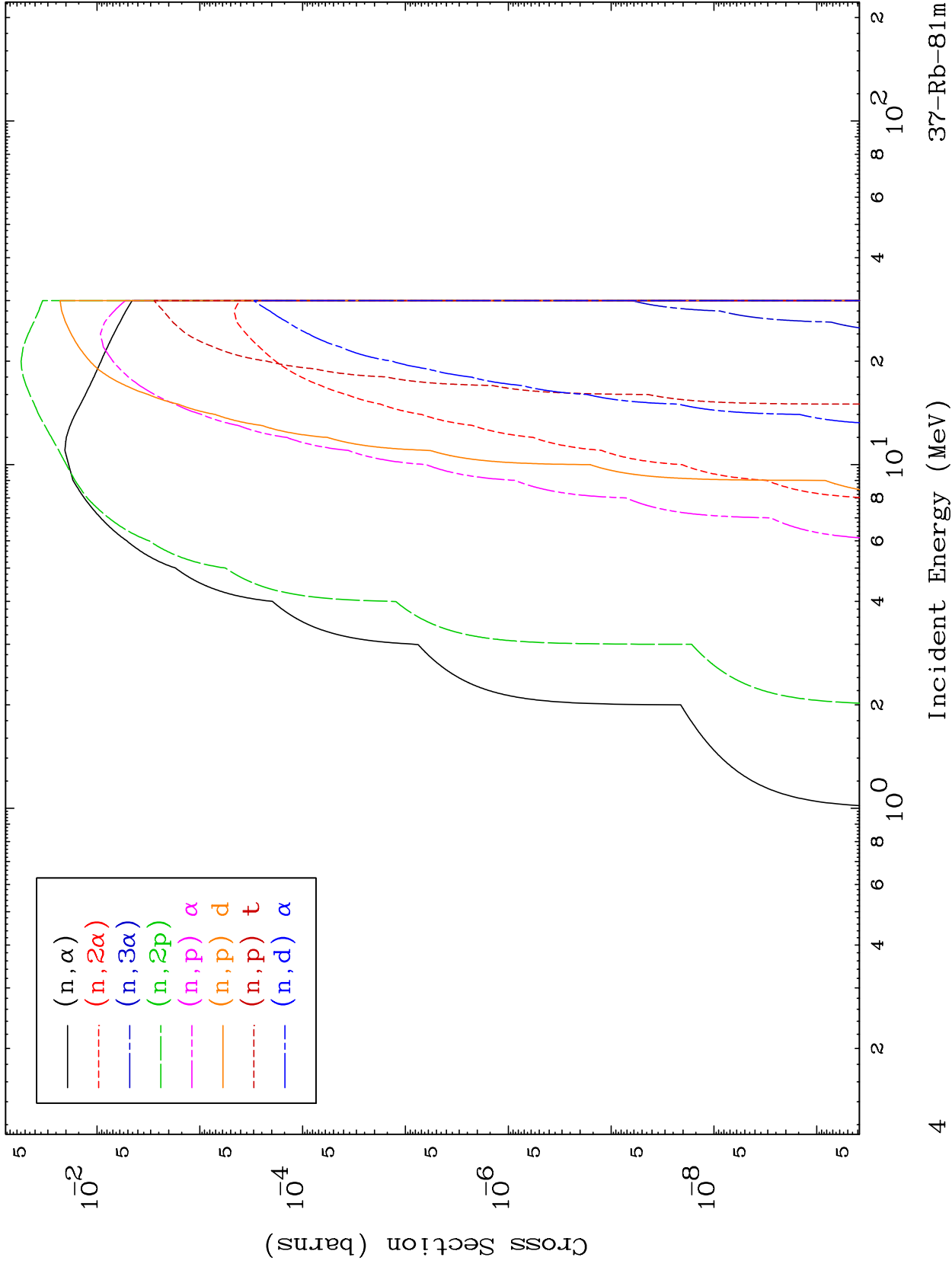
37-Rb-81m



MAT 3714

Deuteron Neutron Absorption
0 Kelvin Cross Sections

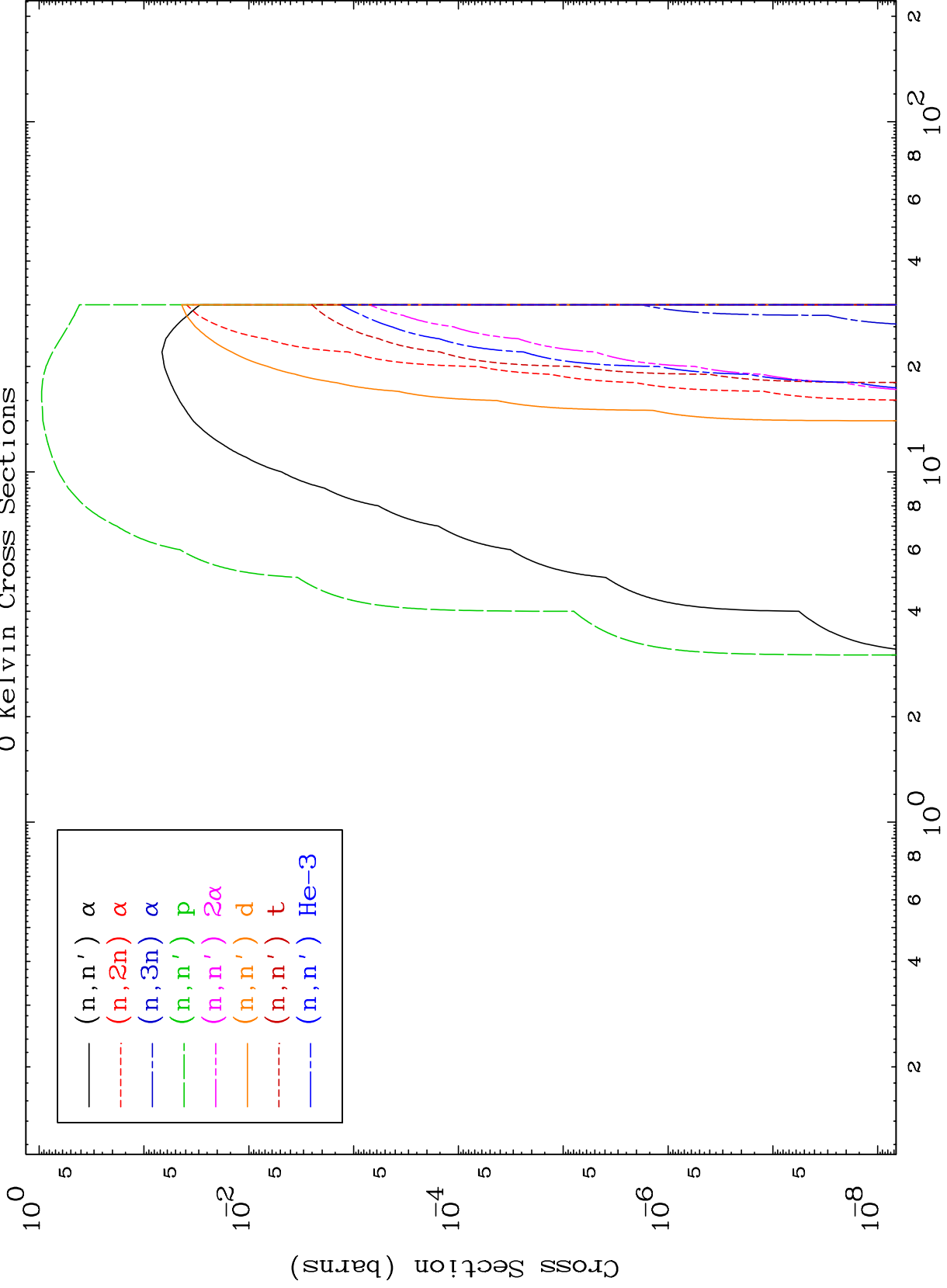
37-Rb-81m



MAT 3714

Deuteron Charged Particle
0 Kelvin Cross Sections

37-Rb-81m



5

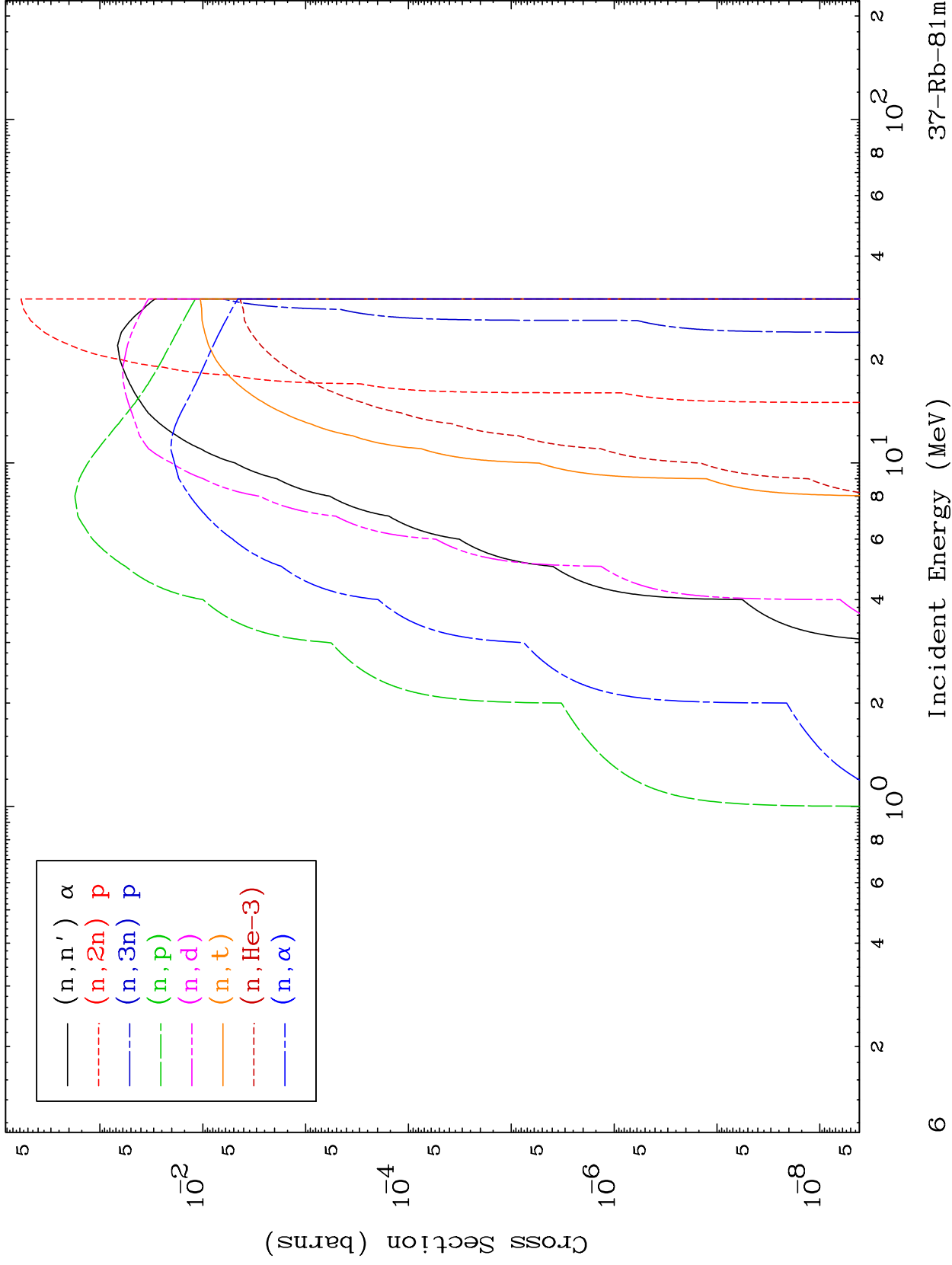
Incident Energy (MeV)

37-Rb-81m

MAT 3714

Deuteron Charged Particle
0 Kelvin Cross Sections

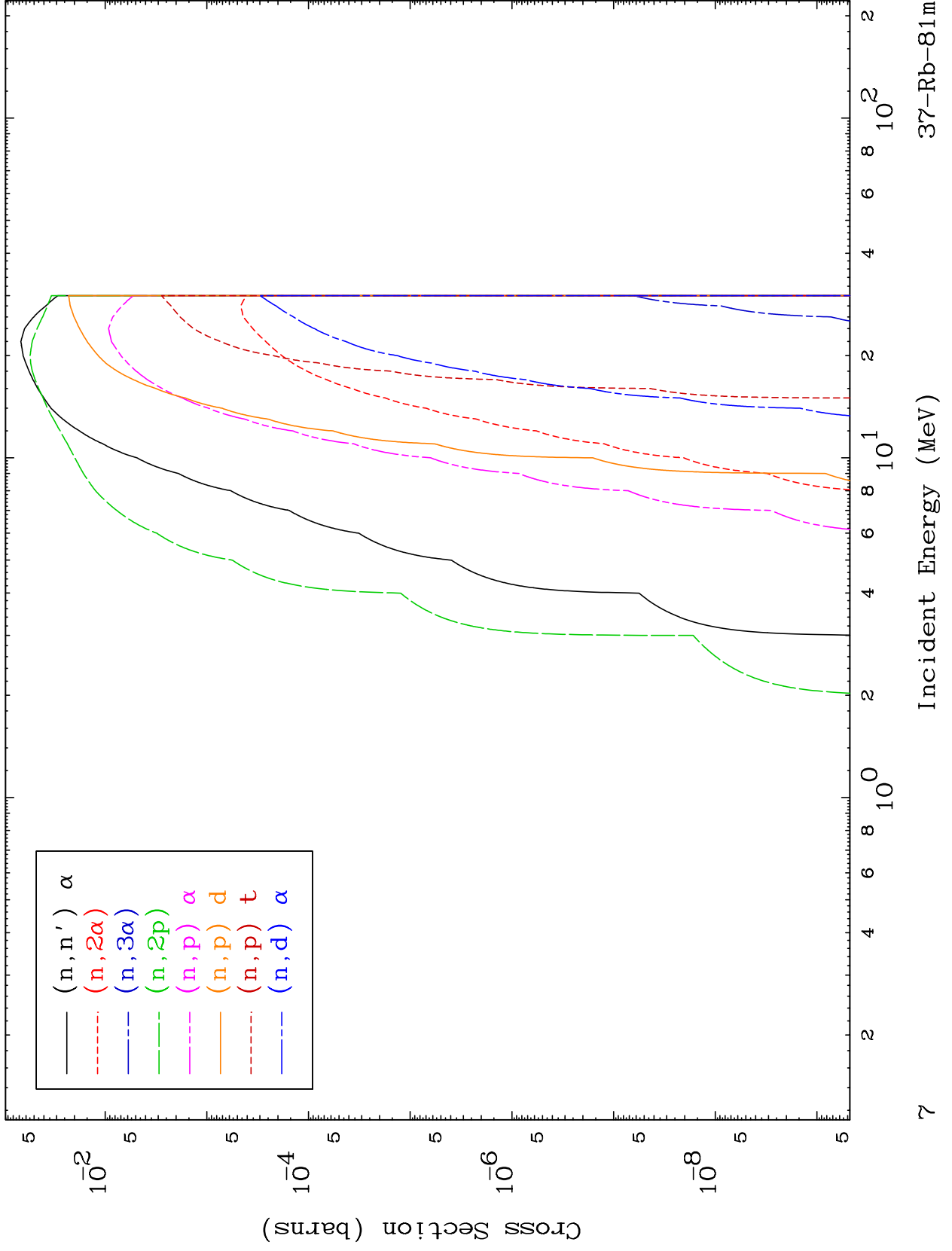
37-Rb-81m



MAT 3714

Deuteron Charged Particle
0 Kelvin Cross Sections

37-Rb-81m

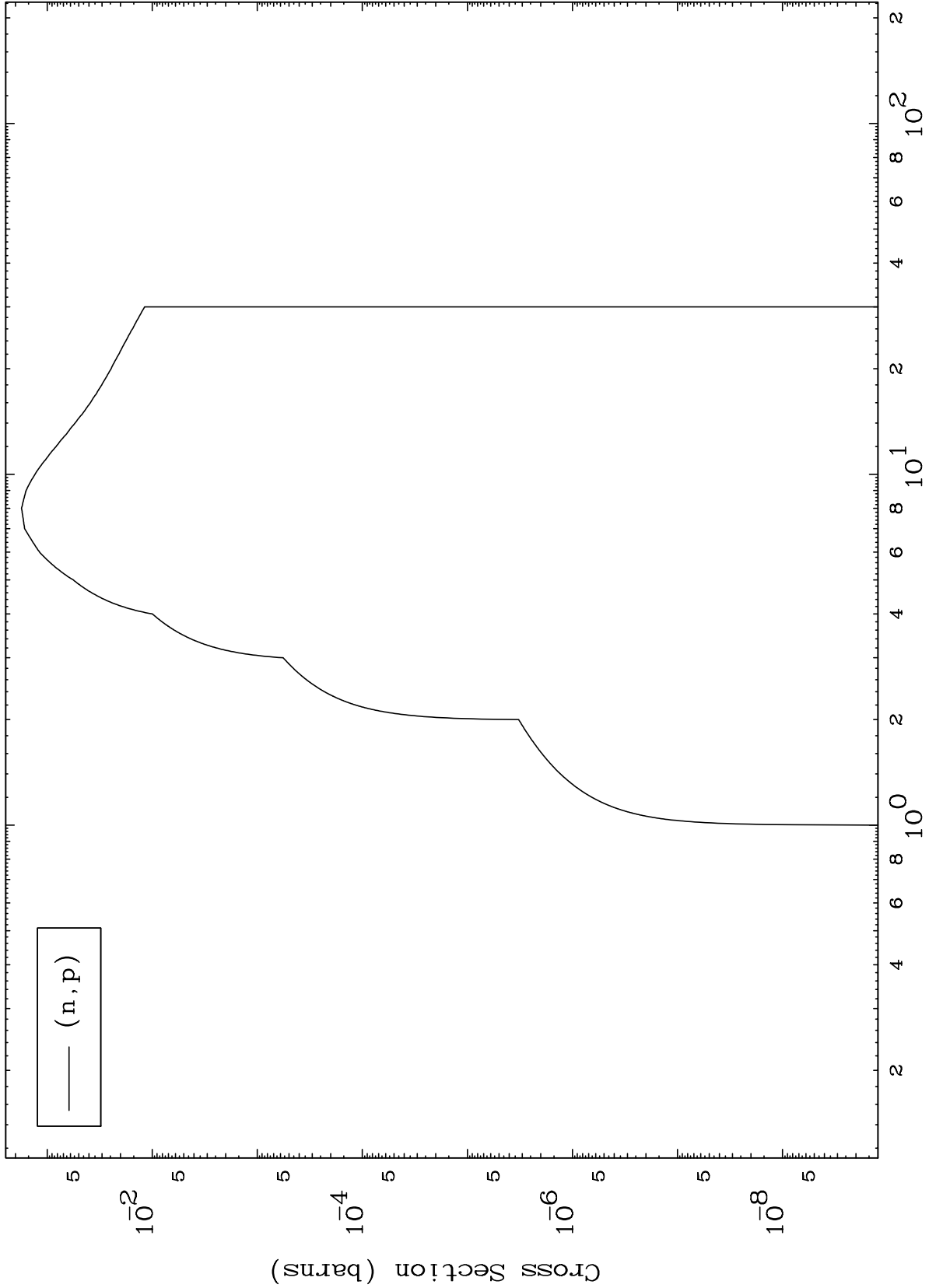


MAT 3714

(d,p) Levels

37-Rb-81m

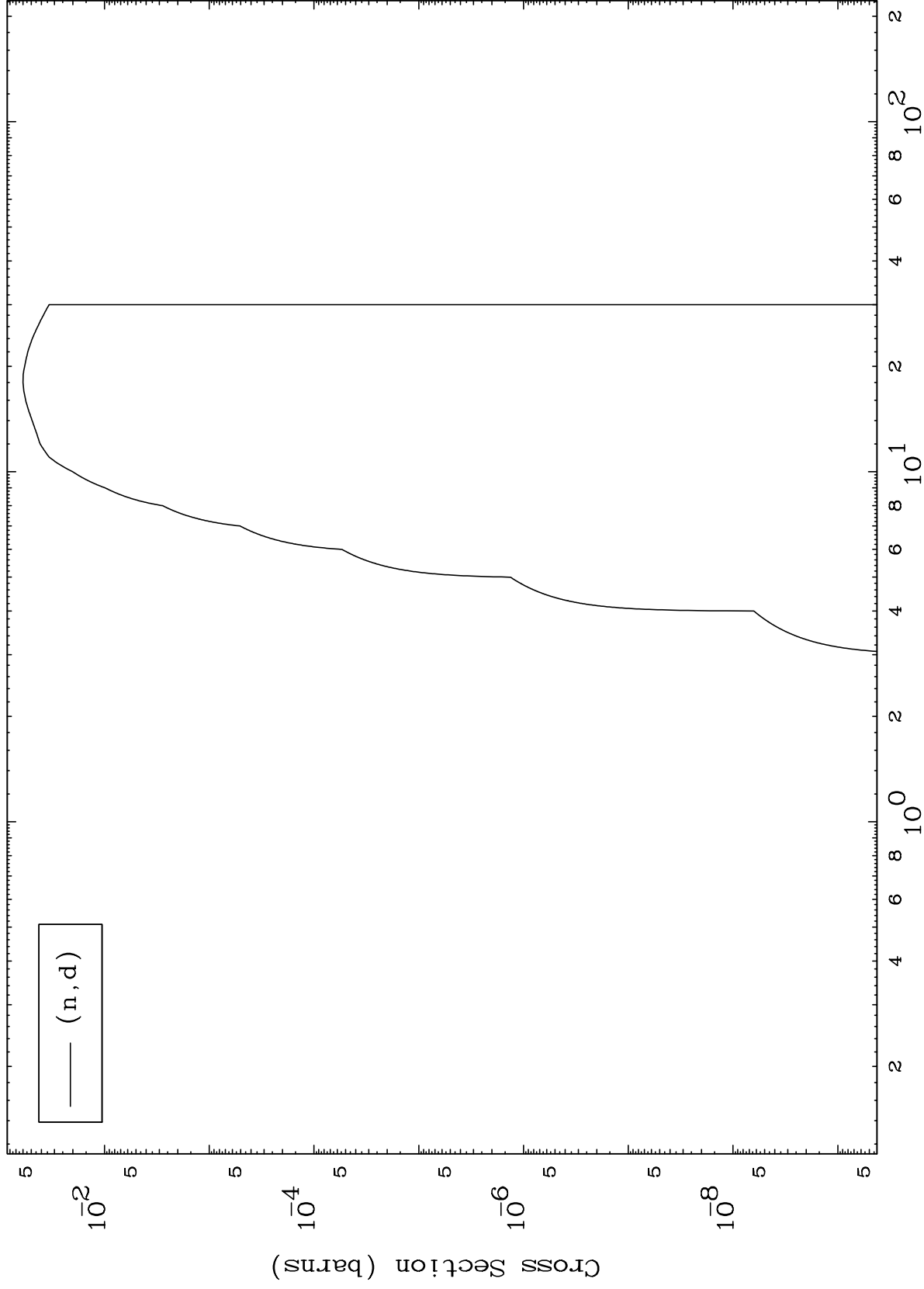
0 Kelvin Cross Sections



MAT 3714

37-Rb-81m

(d,d) Levels
0 Kelvin Cross Sections

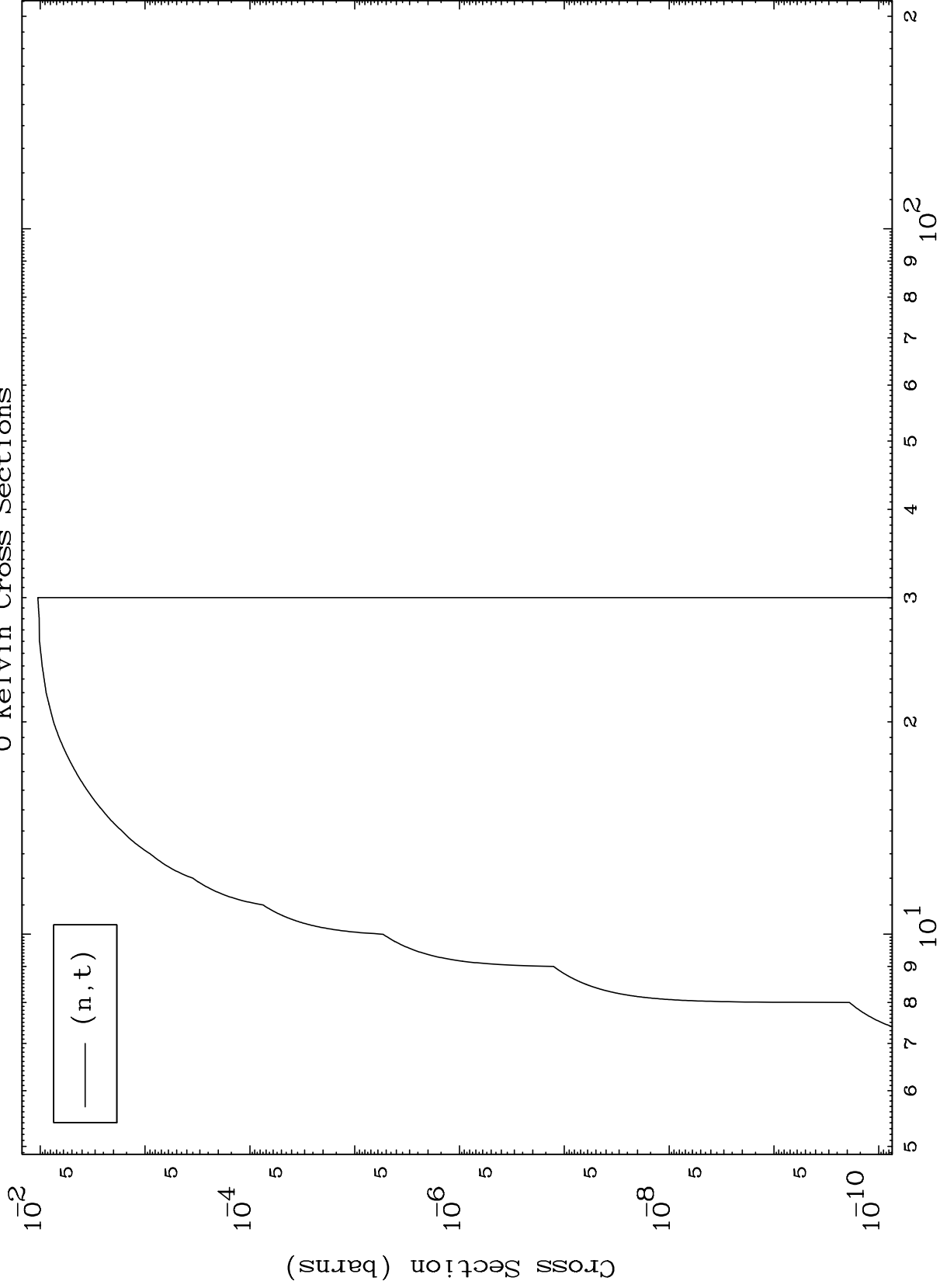


MAT 3714

(d,t) Levels

37-Rb-81m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

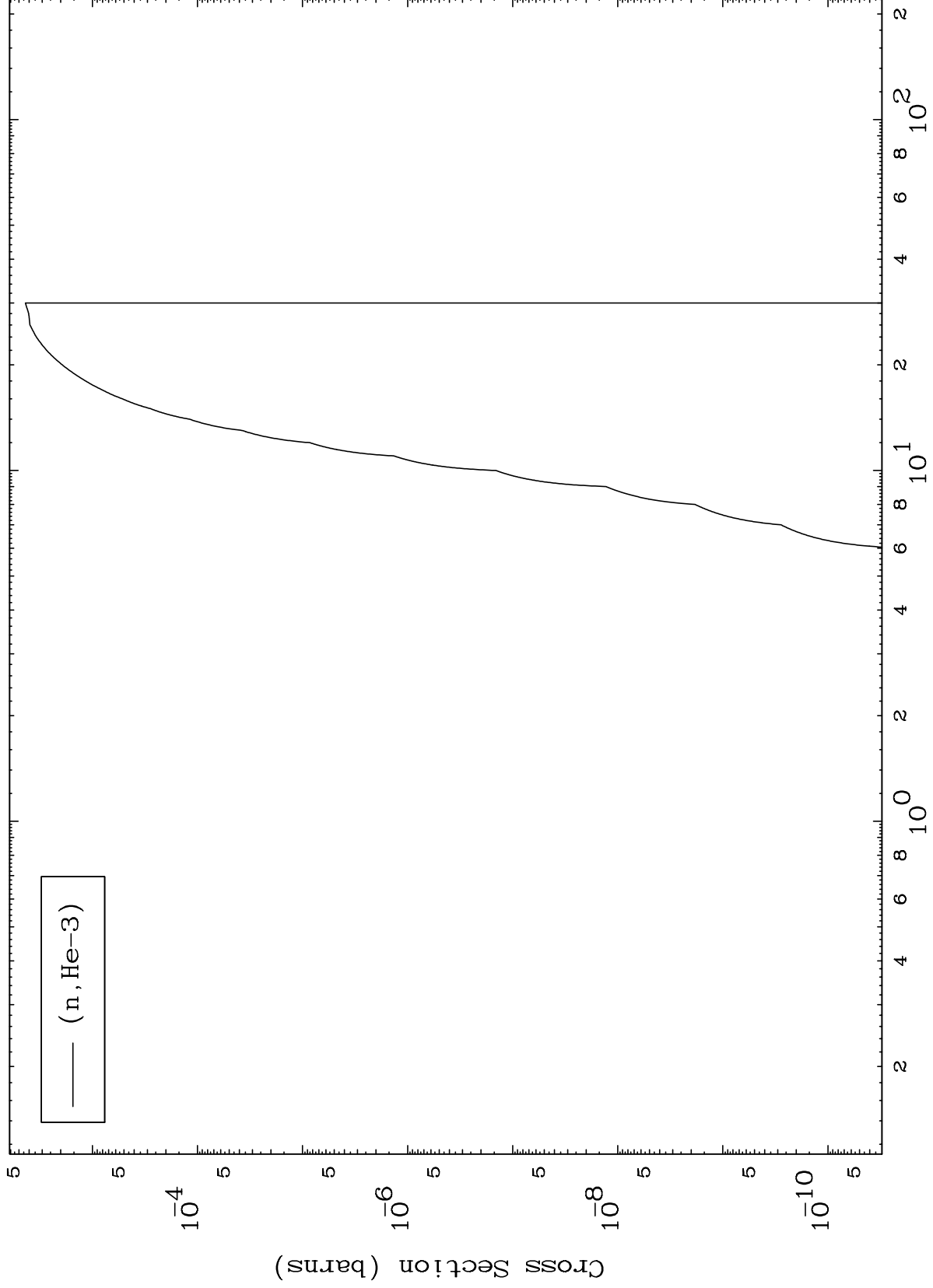
37-Rb-81m

MAT 3714

(d,He3) Levels

37-Rb-81m

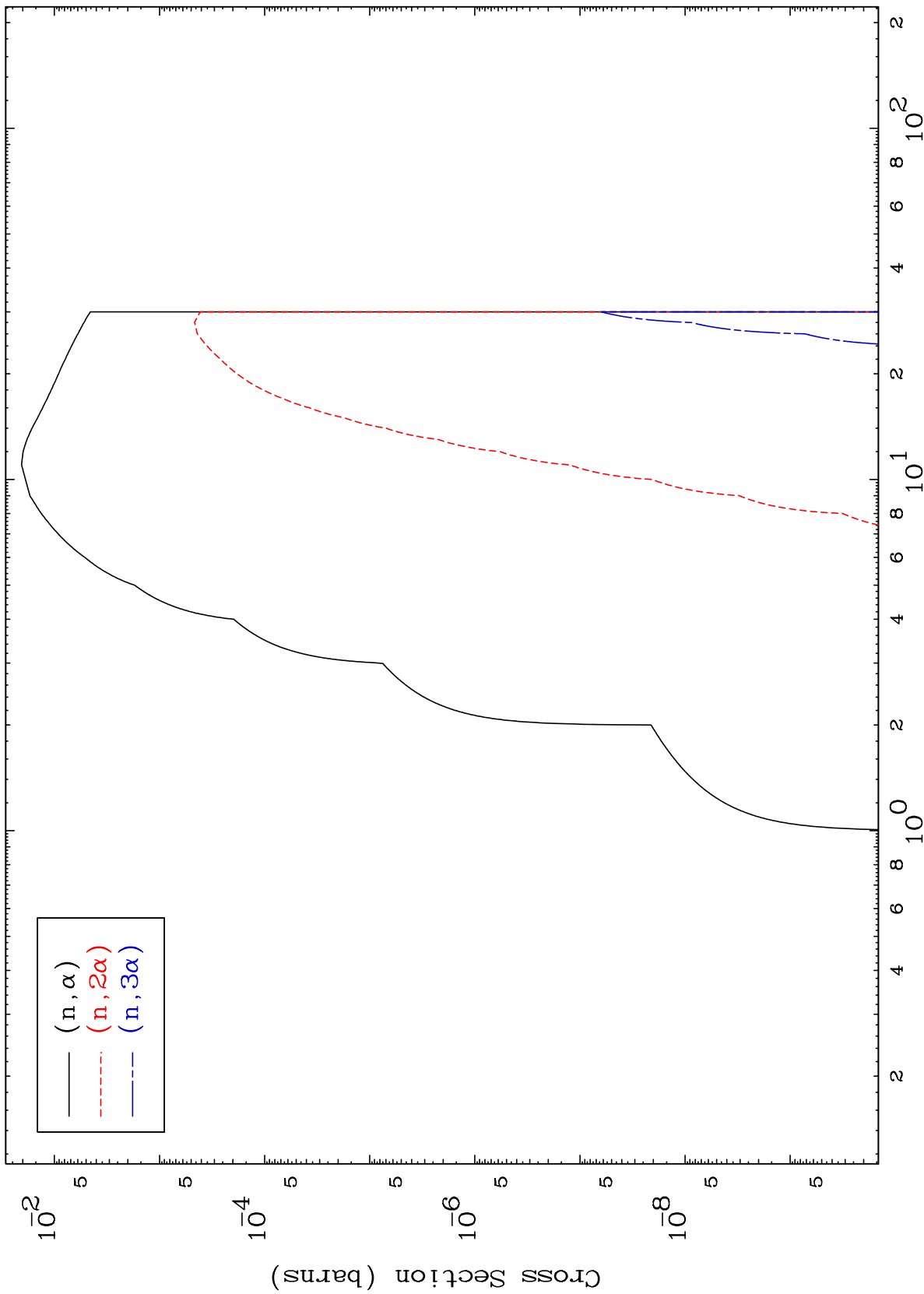
0 Kelvin Cross Sections



MAT 3714

37-Rb-81m

(d, α) Levels
0 Kelvin Cross Sections



37-Rb-81m

Incident Energy (MeV)

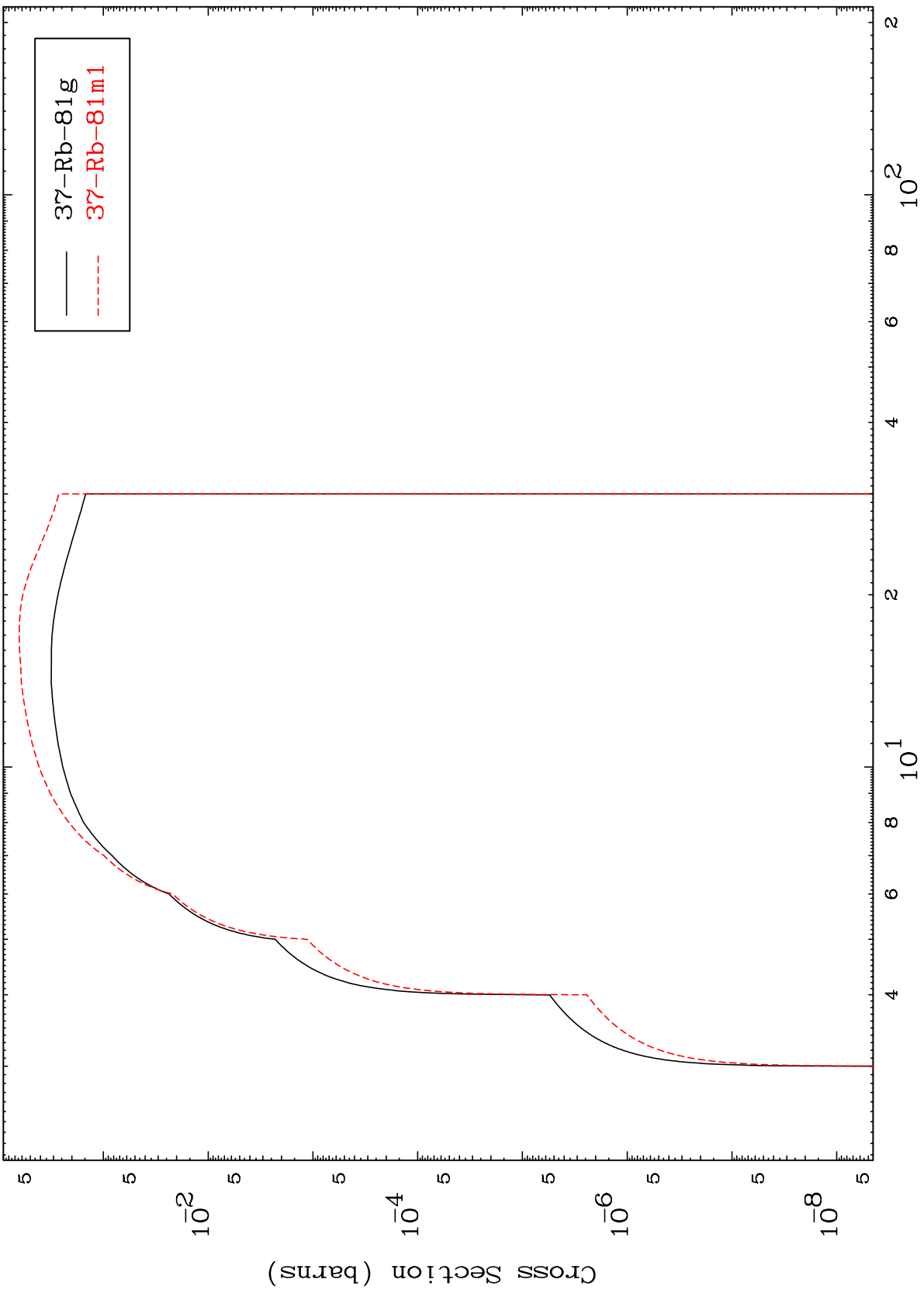
12

MAT 3714

(n,n') p

37-Rb-81m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

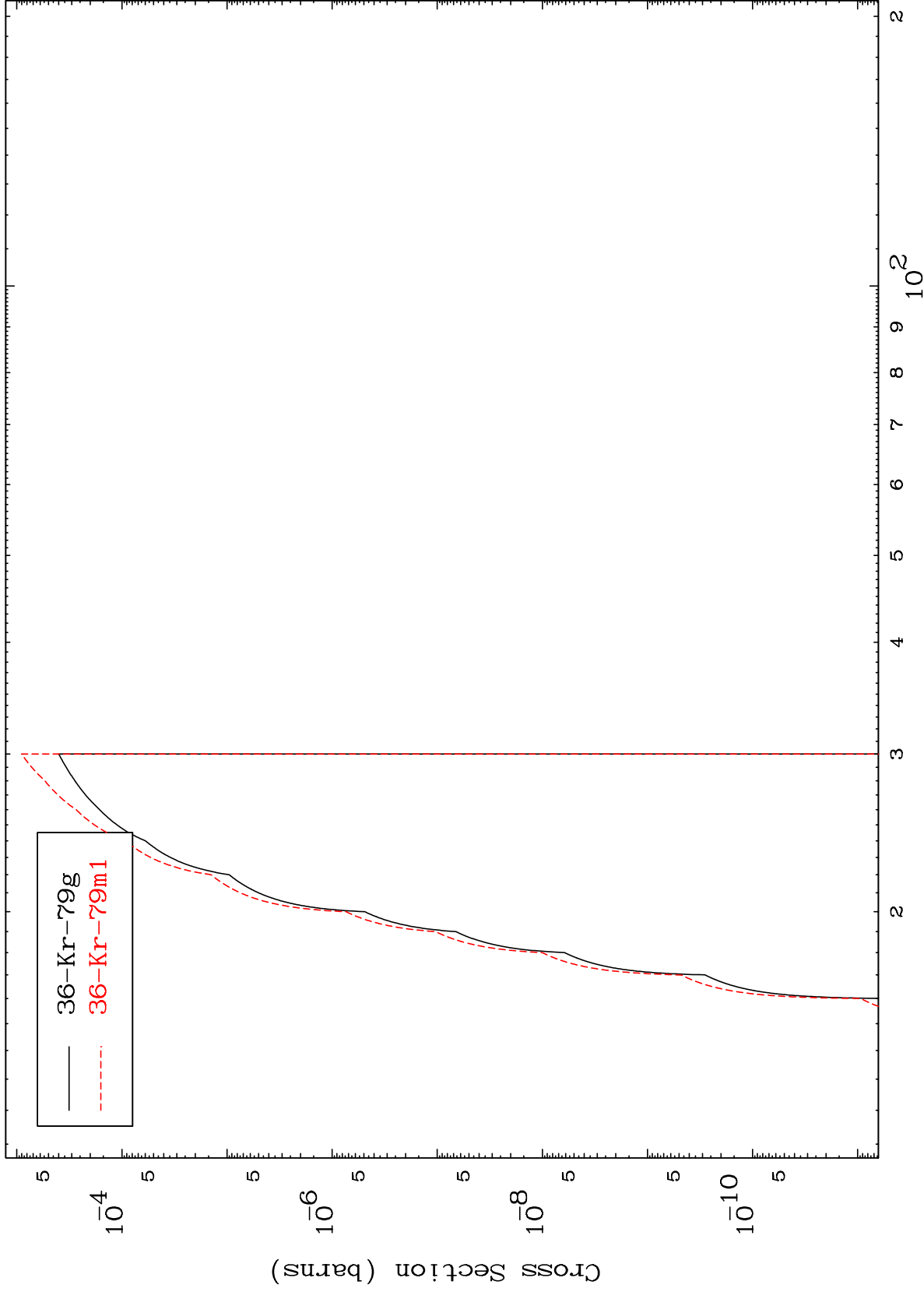
37-Rb-81m

MAT 3714

(n,n') He-3

37-Rb-81m

Radionuclide Production Cross Section



14

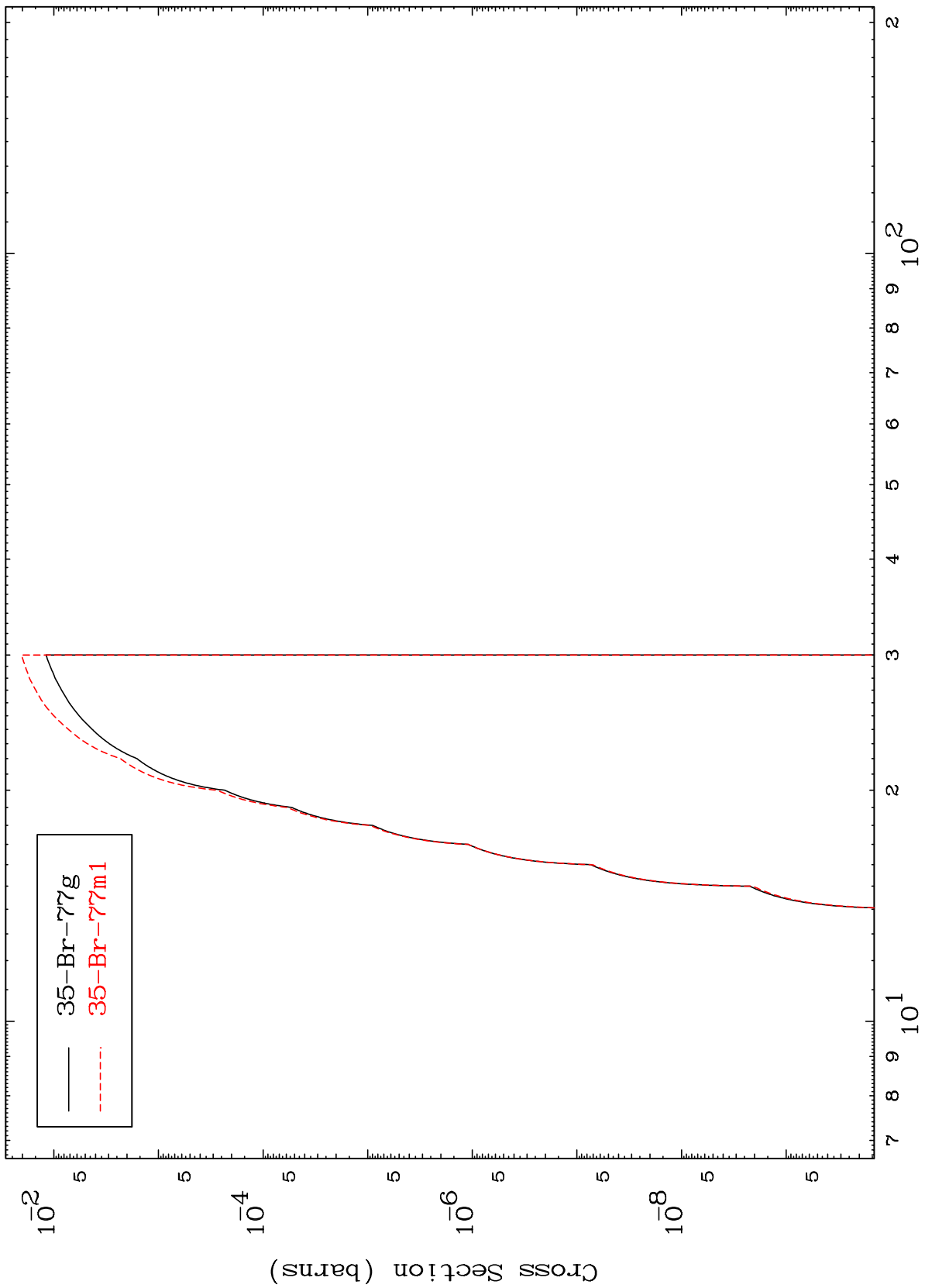
Incident Energy (MeV)

37-Rb-81m

MAT 3714

37-Rb-81m

(n,n') p α
Radionuclide Production Cross Section



15

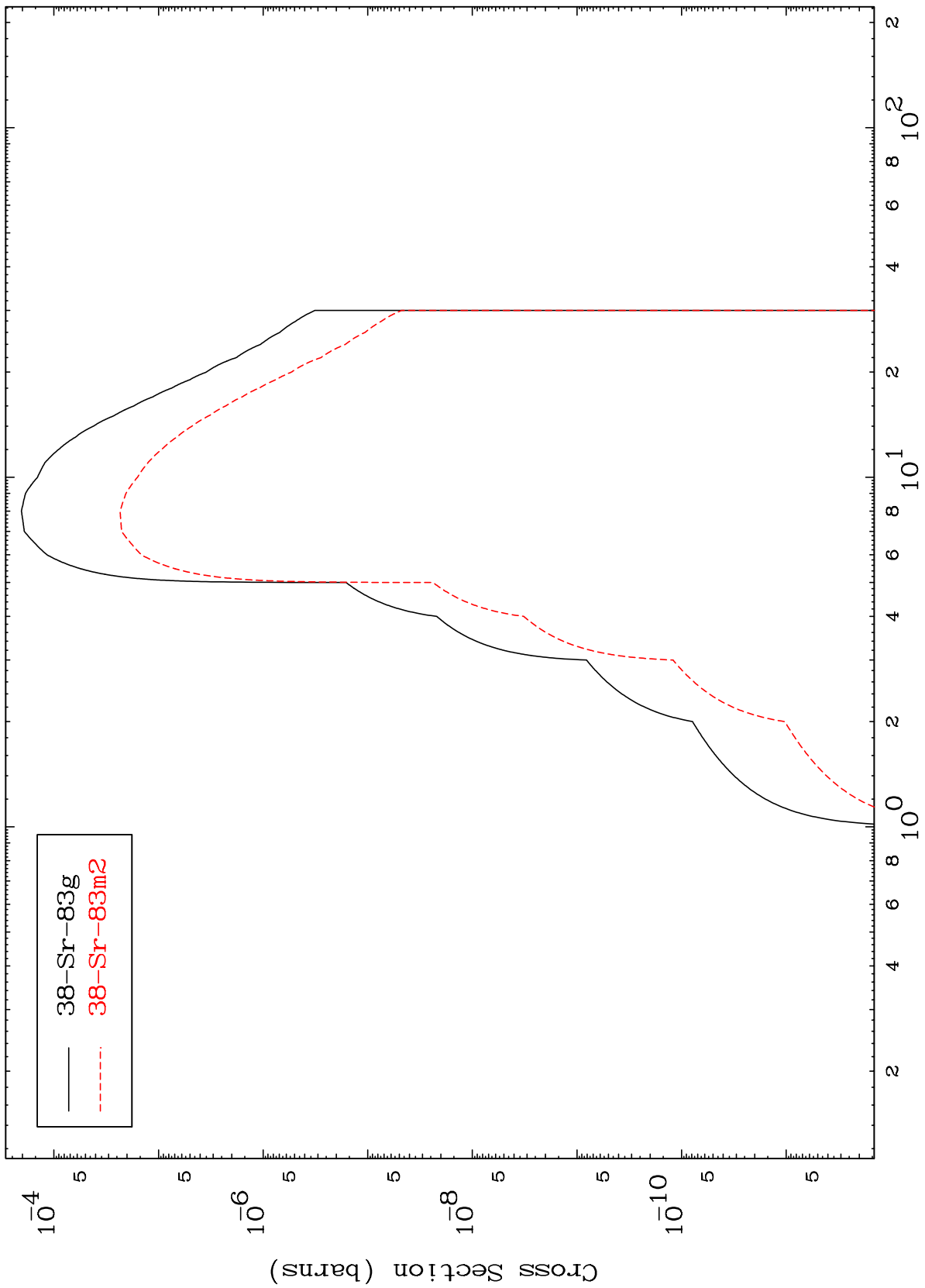
Incident Energy (MeV)

37-Rb-81m

MAT 3714

37-Rb-81m

(n, γ)
Radionuclide Production Cross Section



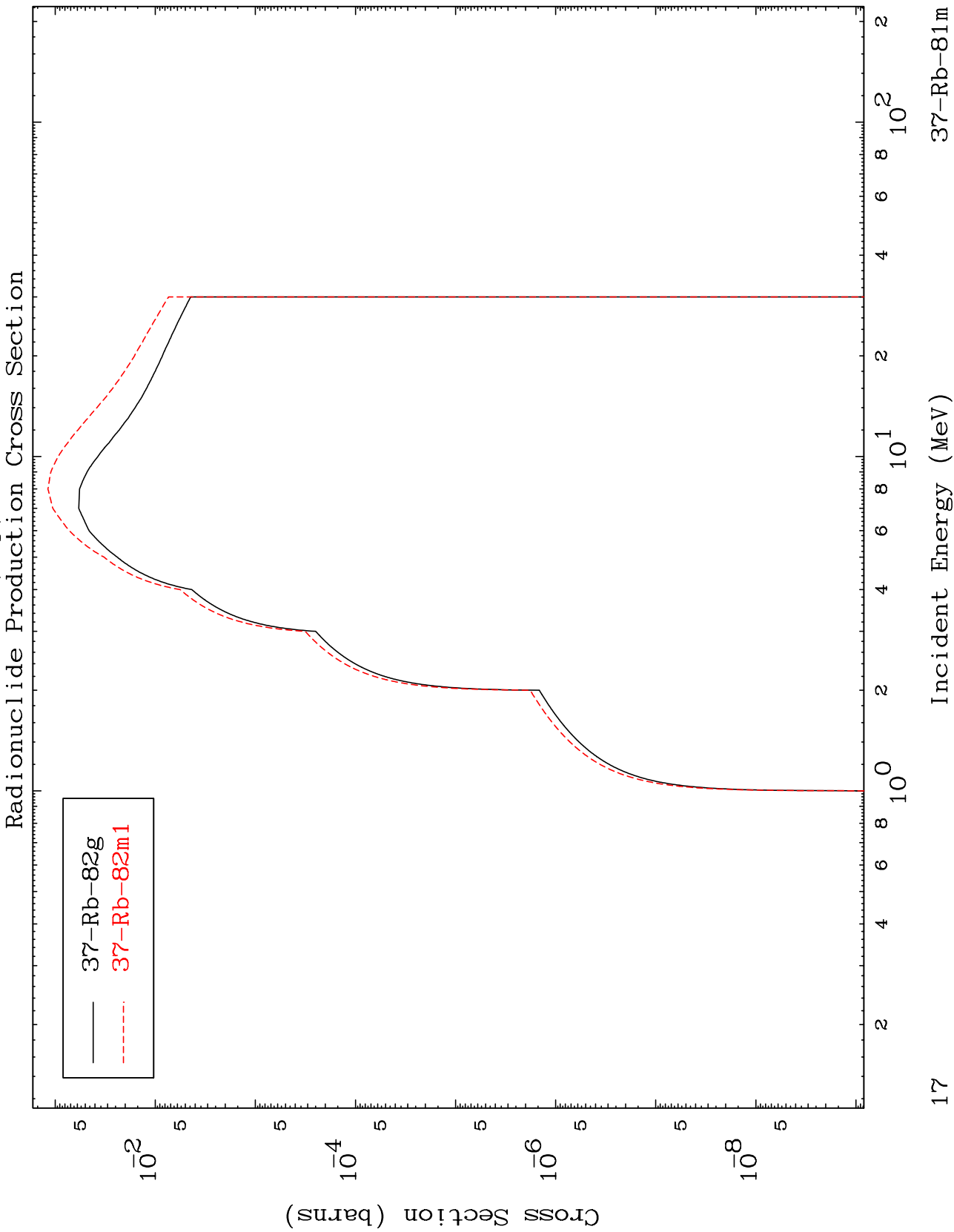
16

37-Rb-81m

Incident Energy (MeV)

MAT 3714

37-Rb-81m

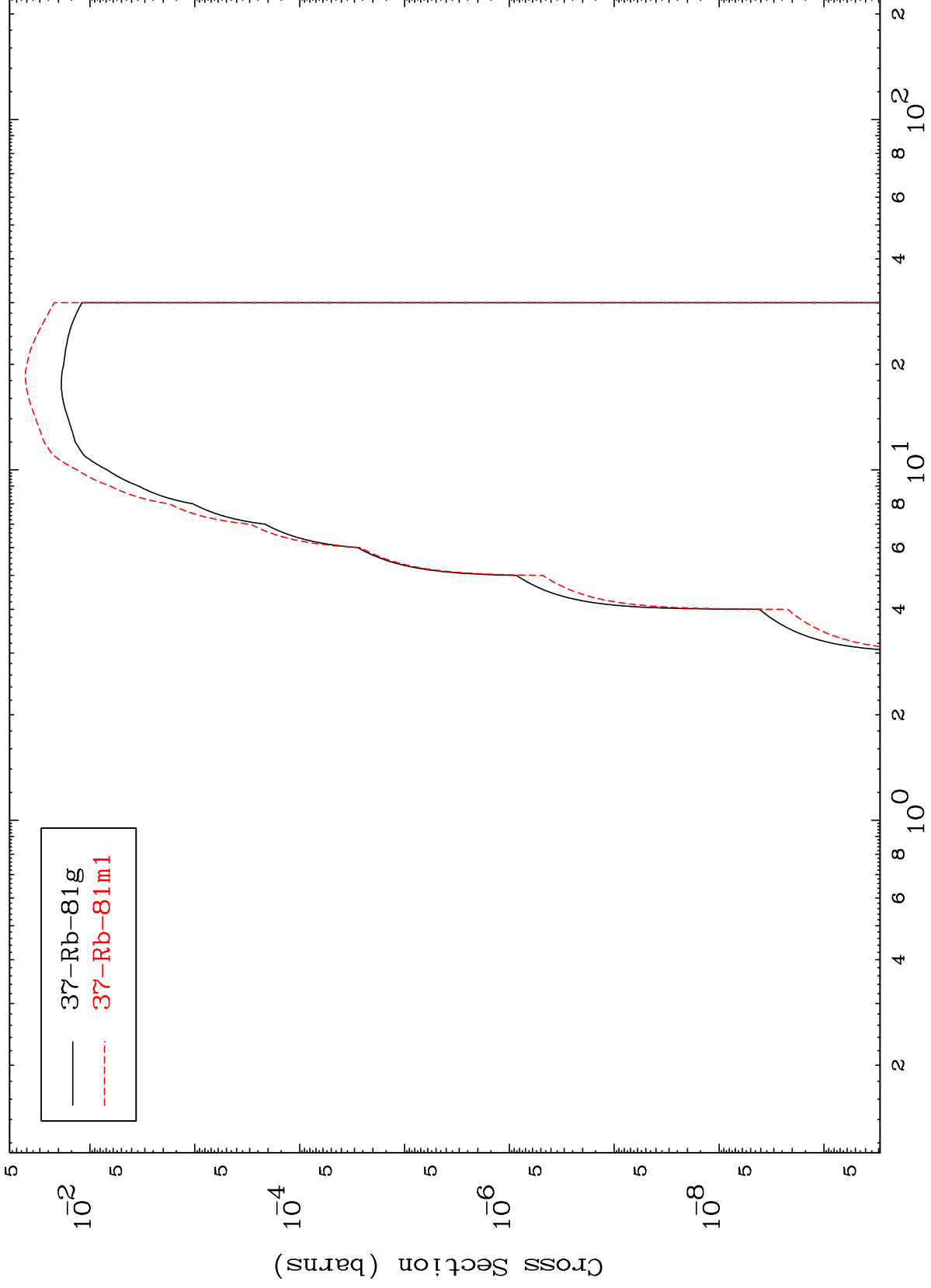


MAT 3714

(n,d)

³⁷Rb-81m

Radionuclide Production Cross Section



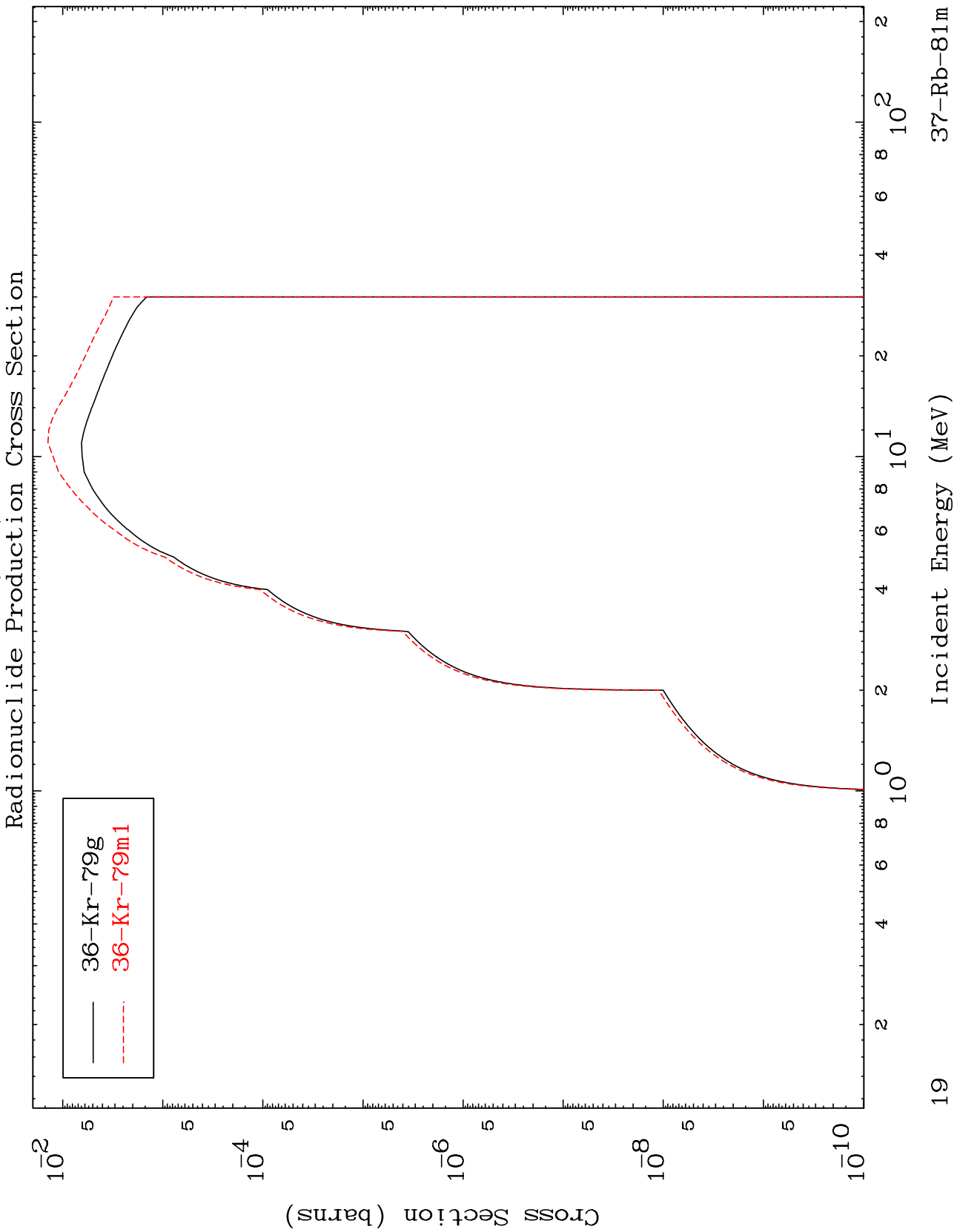
18

Incident Energy (MeV)

³⁷Rb-81m

MAT 3714

37-Rb-81m



37-Rb-81m

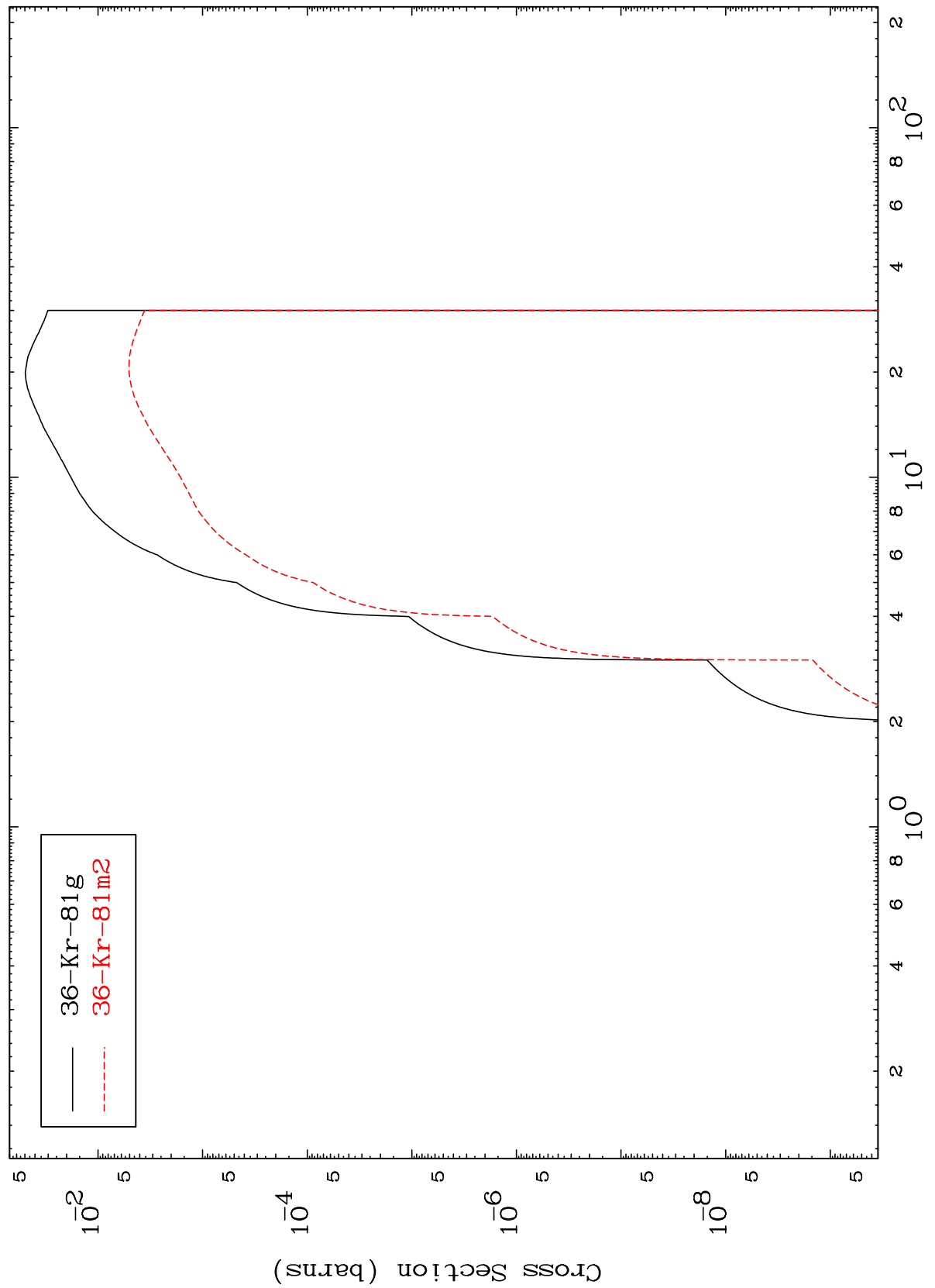
Incident Energy (MeV)

19

MAT 3714

37-Rb-81m

(n,2p)
Radionuclide Production Cross Section



— 36-Kr-81g
- - - 36-Kr-81m

20

37-Rb-81m

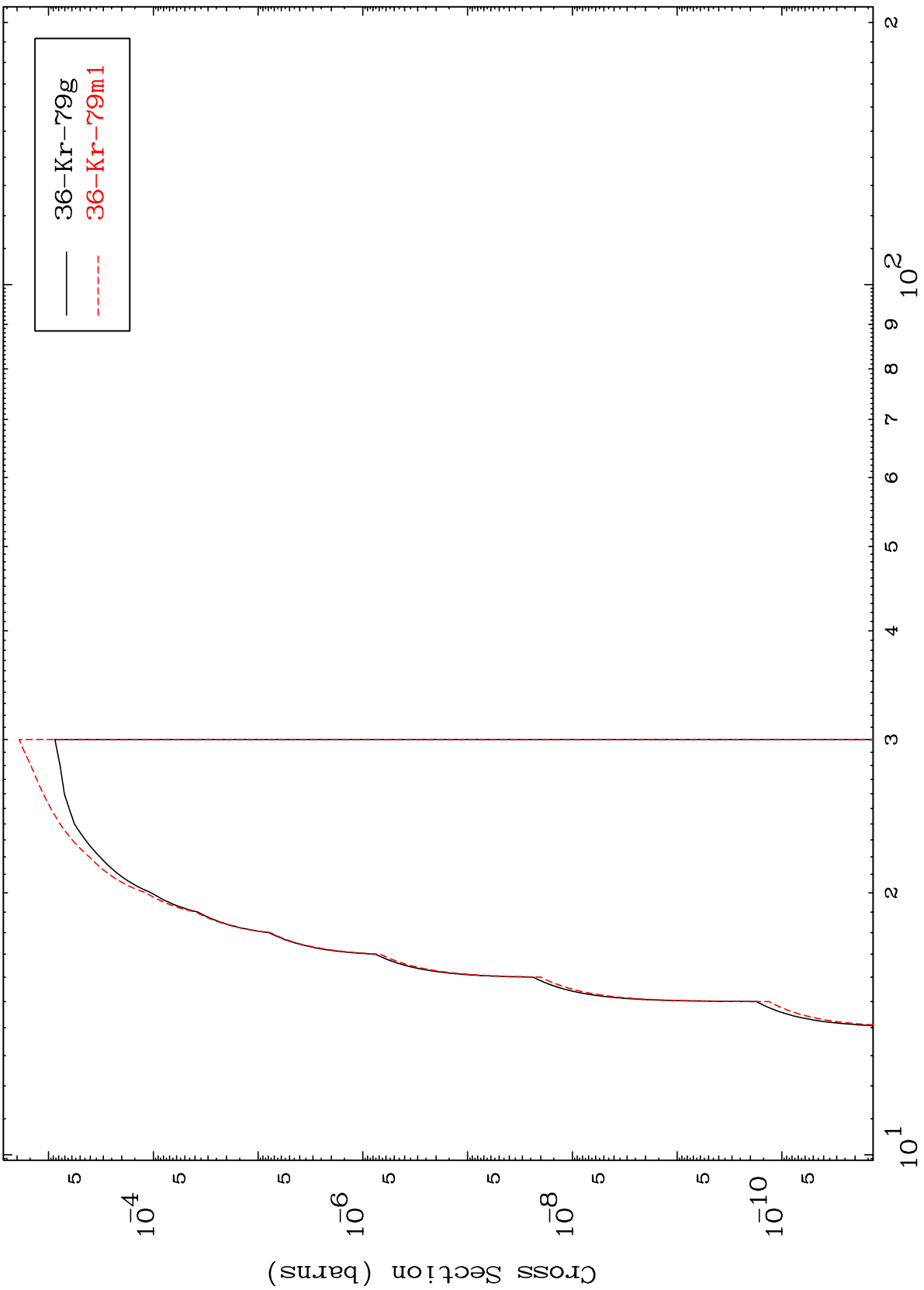
Incident Energy (MeV)

MAT 3714

(n,p) t

37-Rb-81m

Radionuclide Production Cross Section



Incident Energy (MeV)

37-Rb-81m

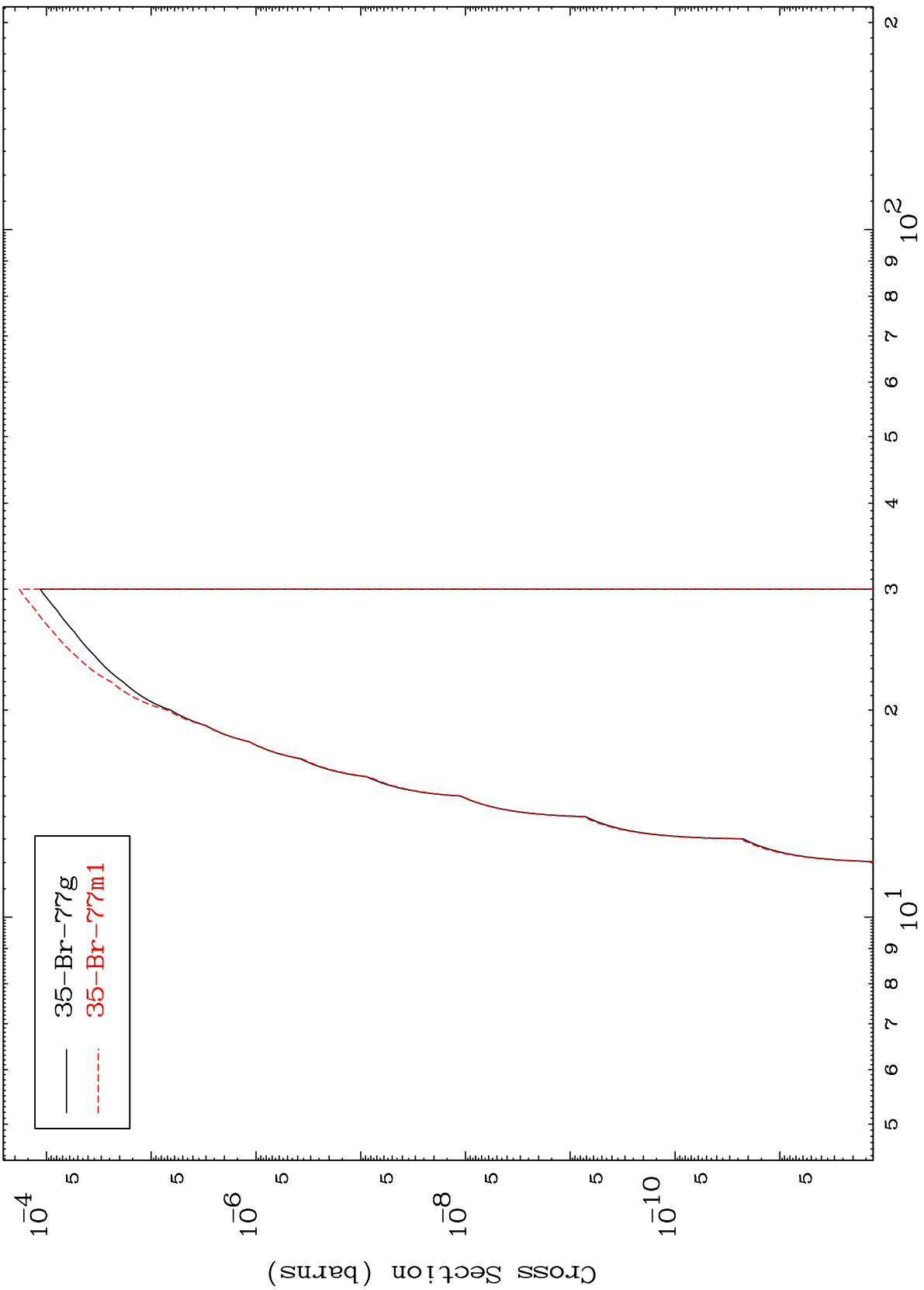
21

MAT 3714

(n,d) α

37-Rb-81m

Radionuclide Production Cross Section



35-Br-77g
35-Br-77m1

Incident Energy (MeV)

37-Rb-81m

22