

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

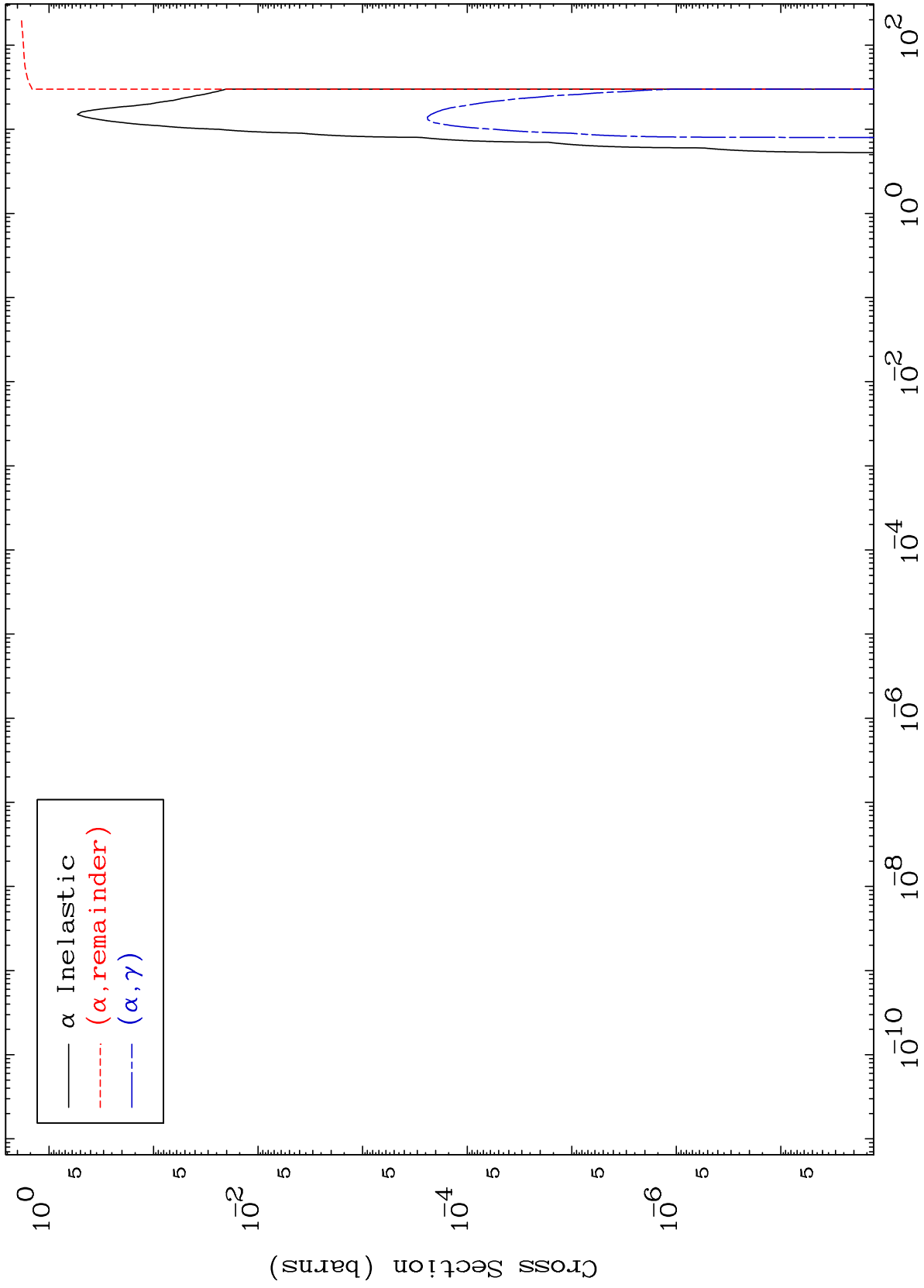
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3635

0 Kelvin α Major
Cross Sections

36-Kr-81



1

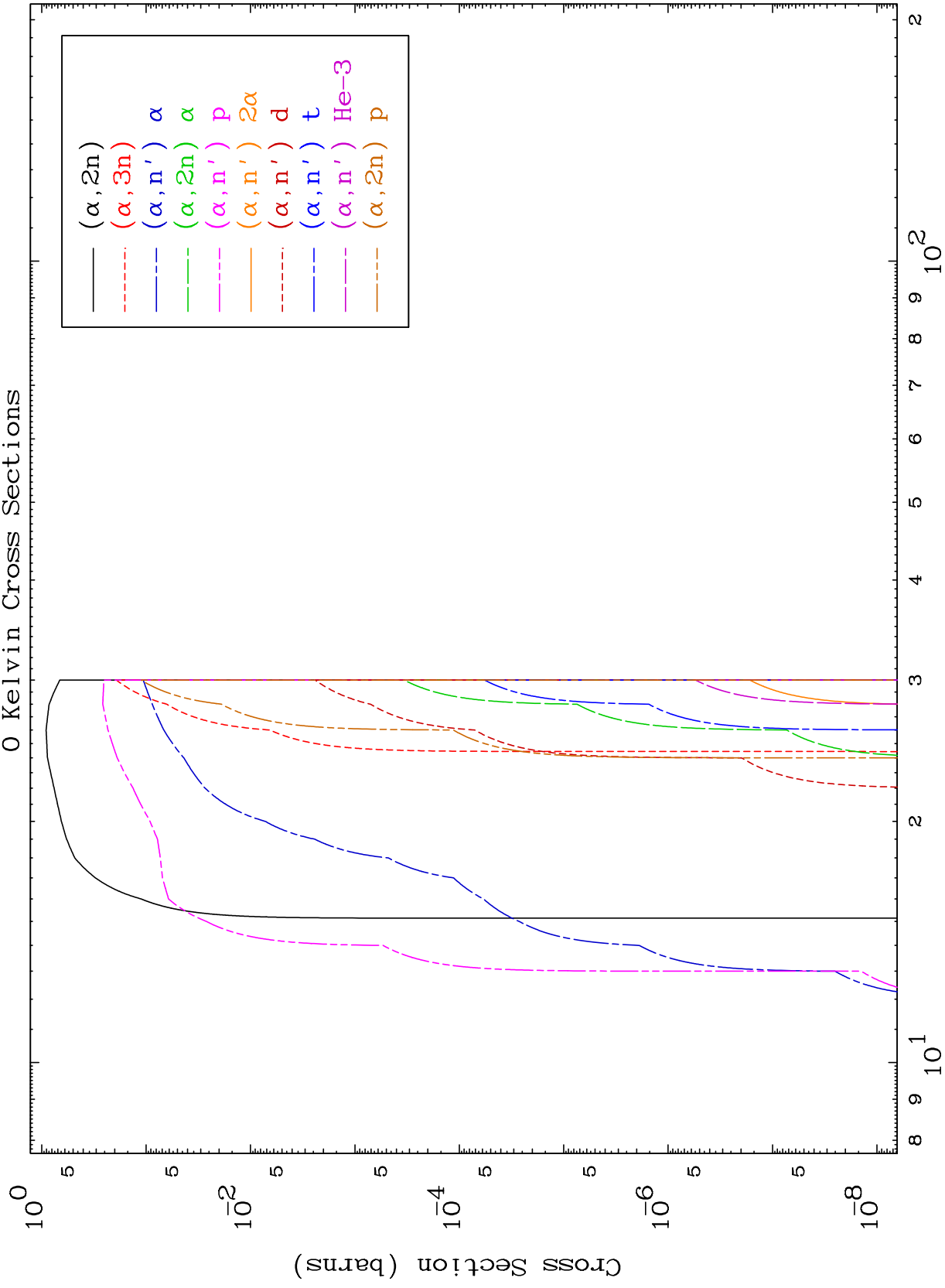
Incident Energy (MeV)

36-Kr-81

MAT 3635

α Neutron Production
0 Kelvin Cross Sections

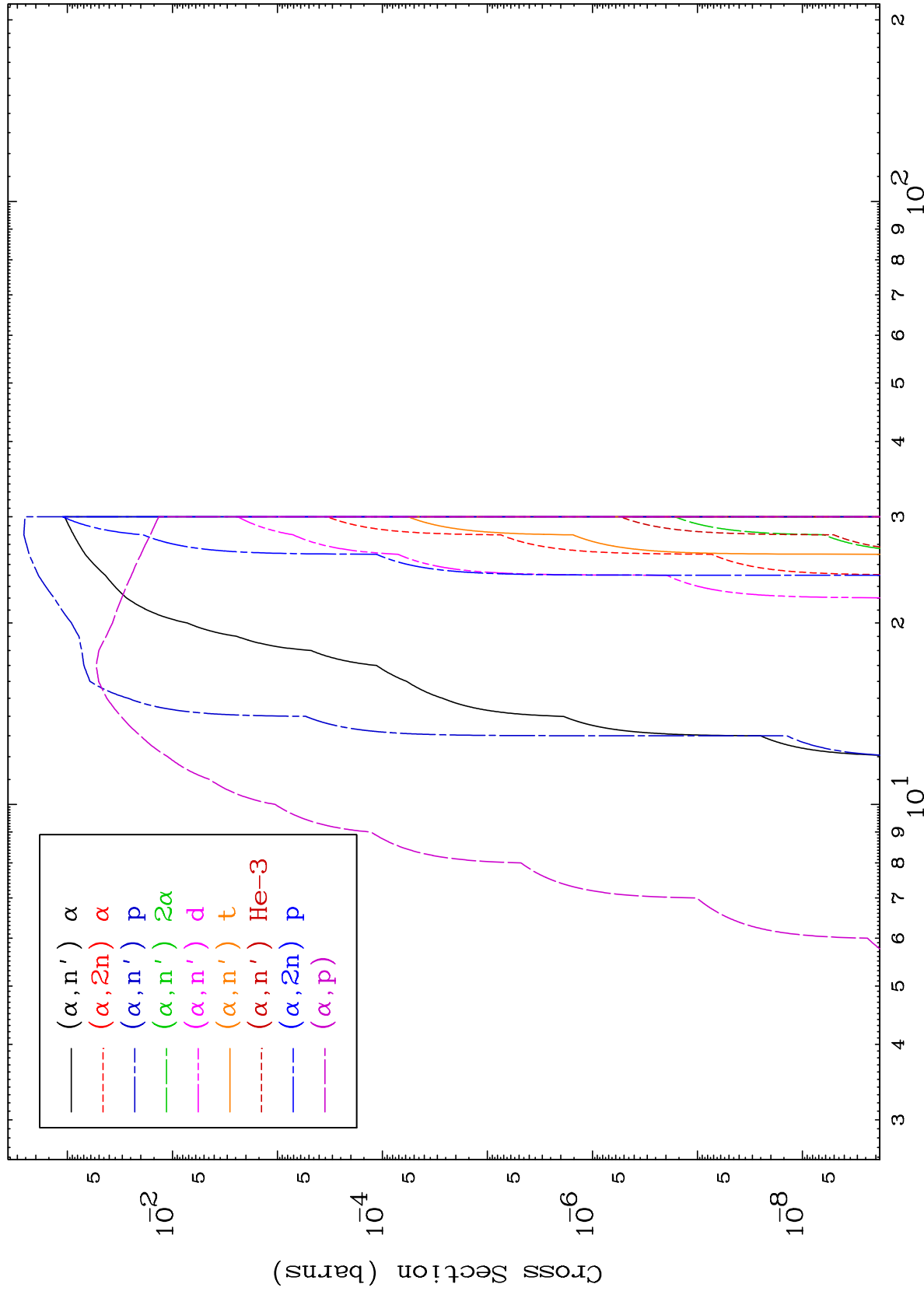
36-Kr-81



2

Incident Energy (MeV)

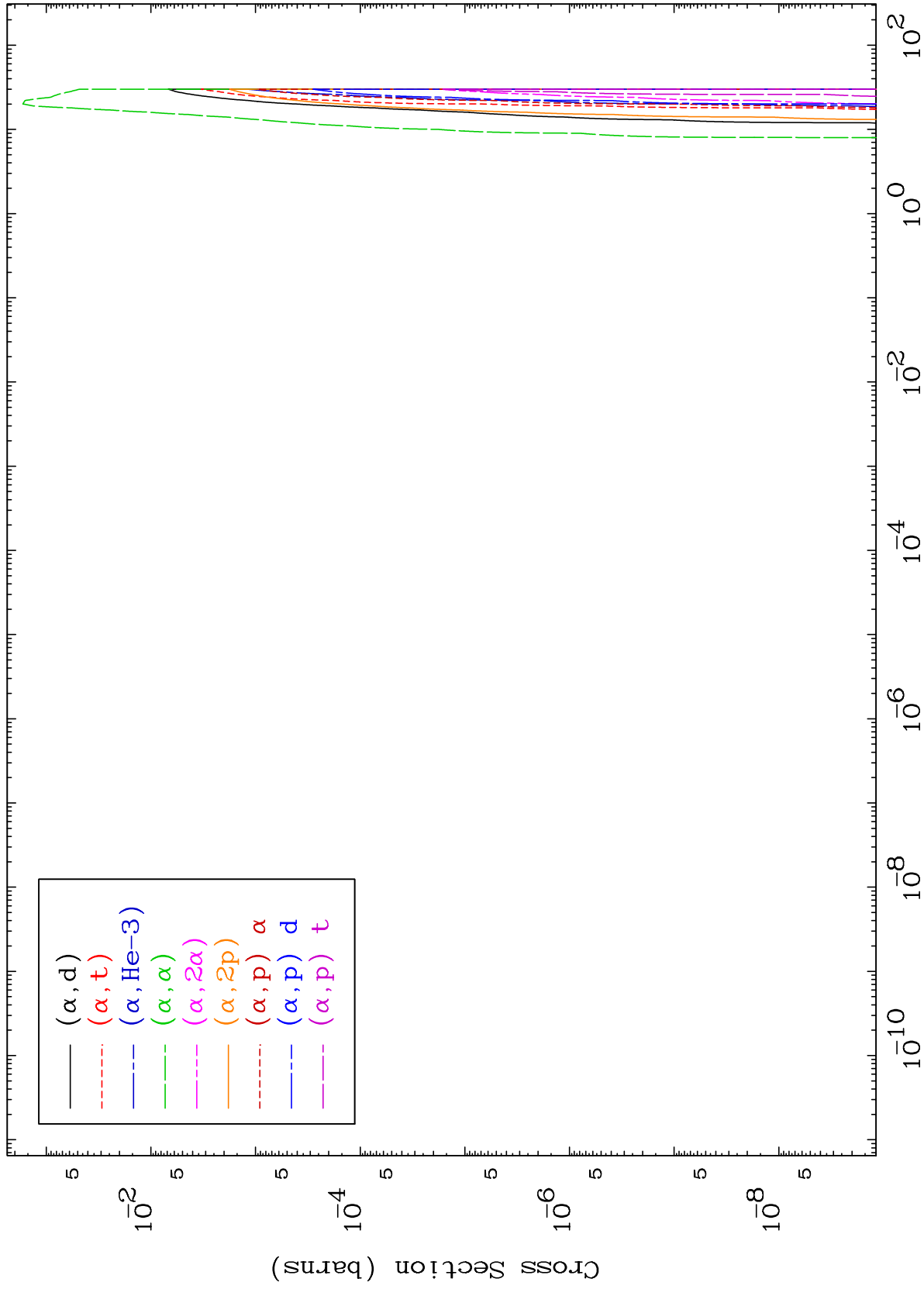
36-Kr-81



MAT 3635

α Charged Particle
0 Kelvin Cross Sections

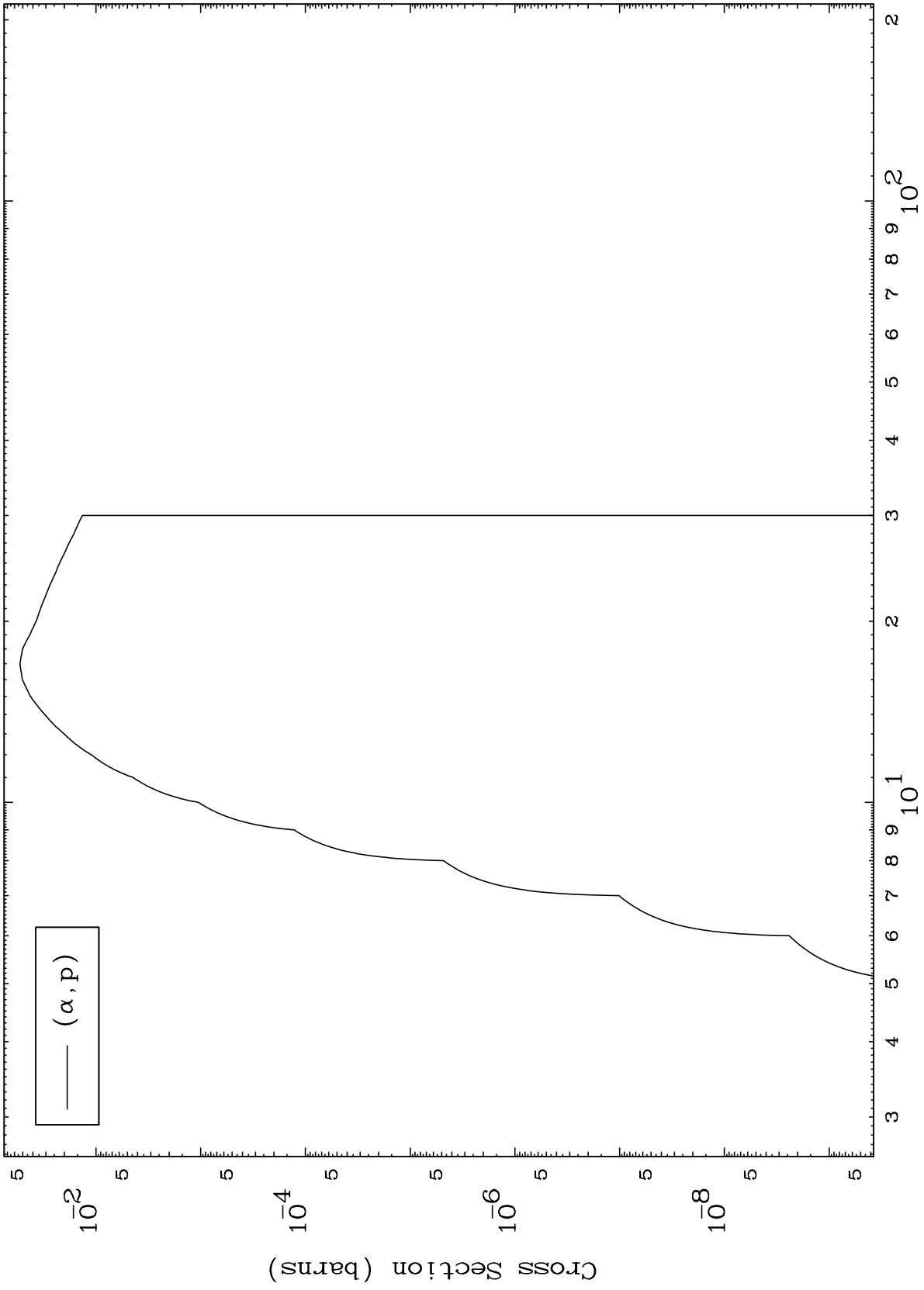
36-Kr-81



MAT 3635

36-Kr-81

(α, p) Levels
0 Kelvin Cross Sections



6

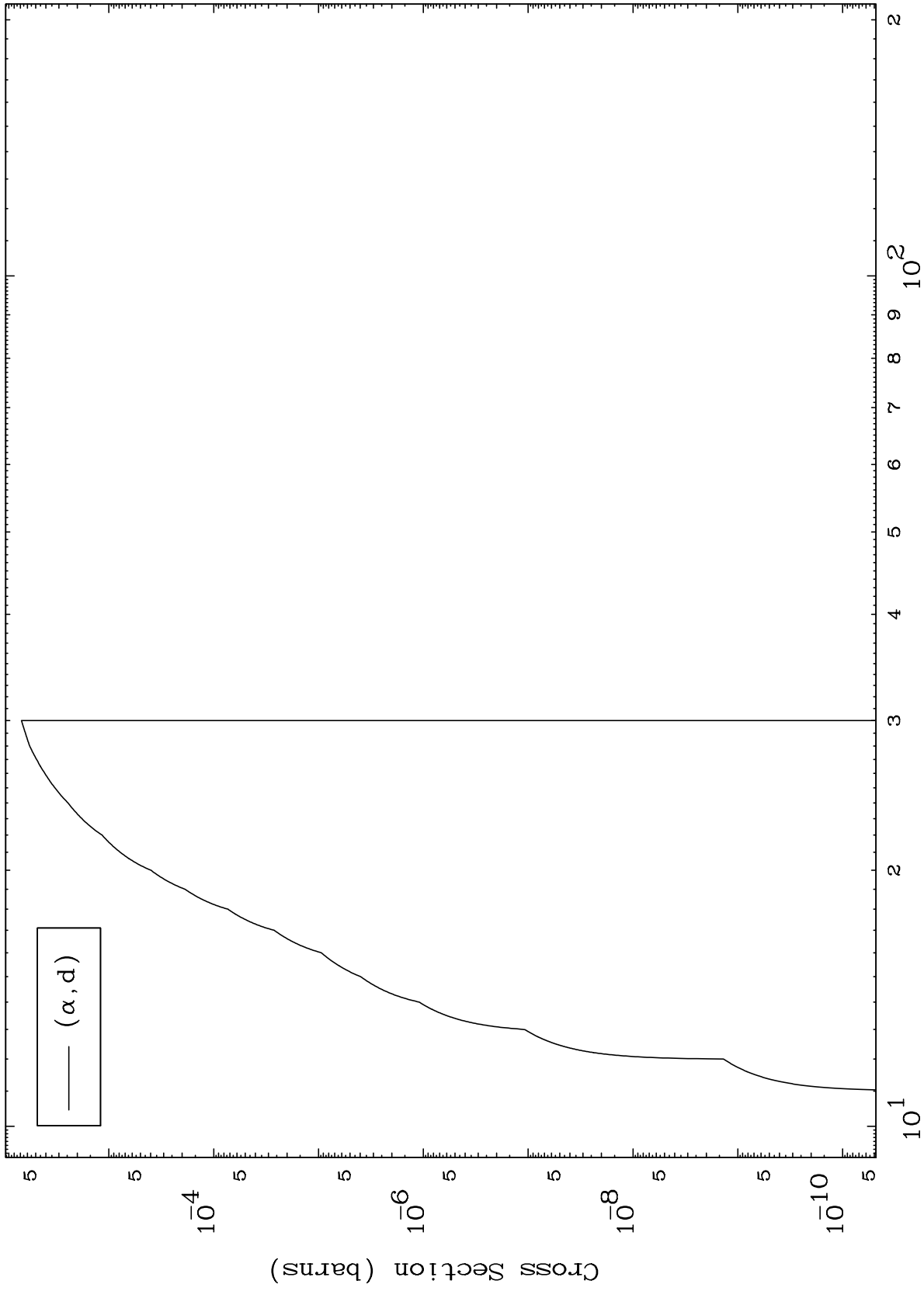
Incident Energy (MeV)

36-Kr-81

MAT 3635

(α, d) Levels
0 Kelvin Cross Sections

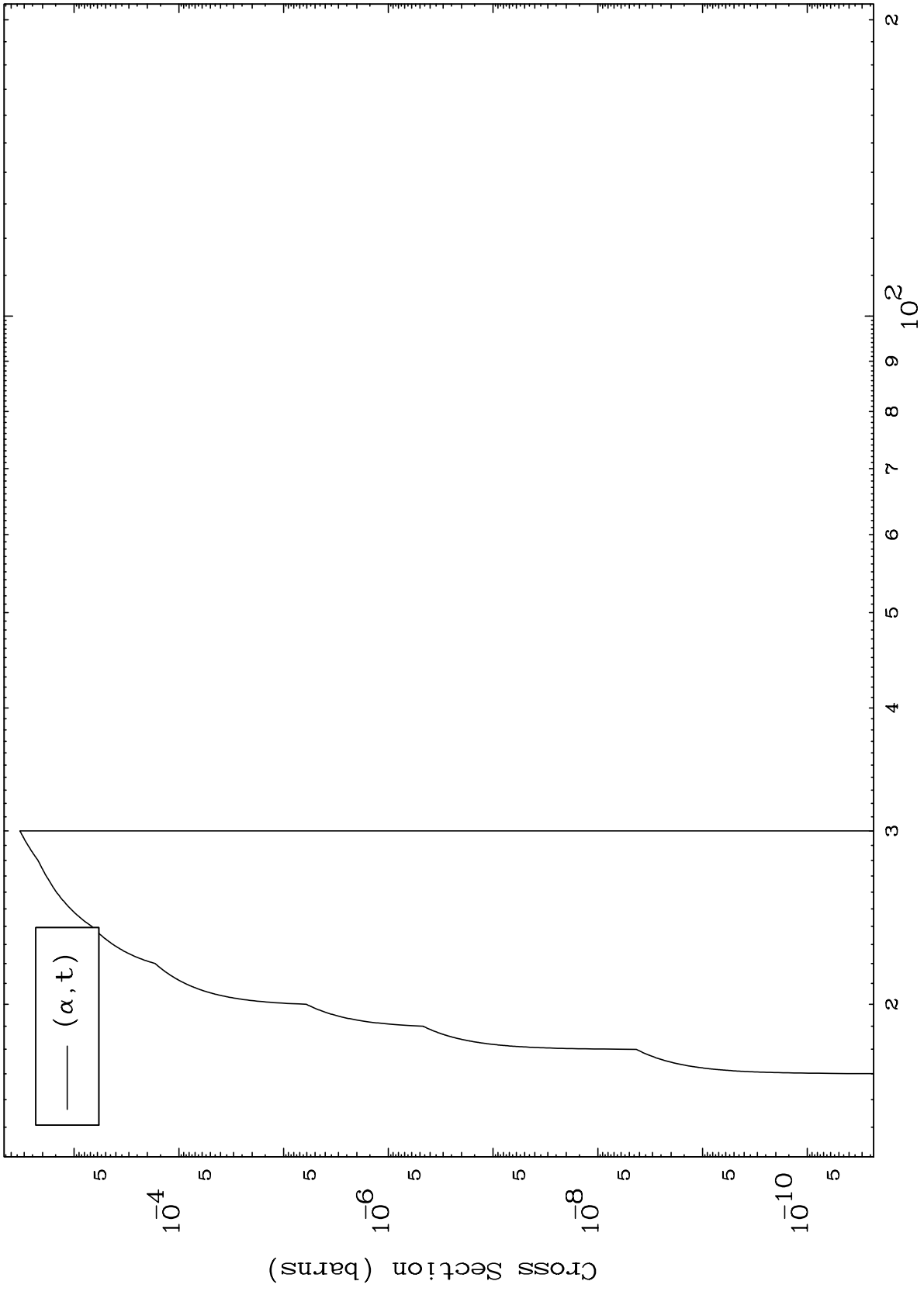
36-Kr-81



7

Incident Energy (MeV)

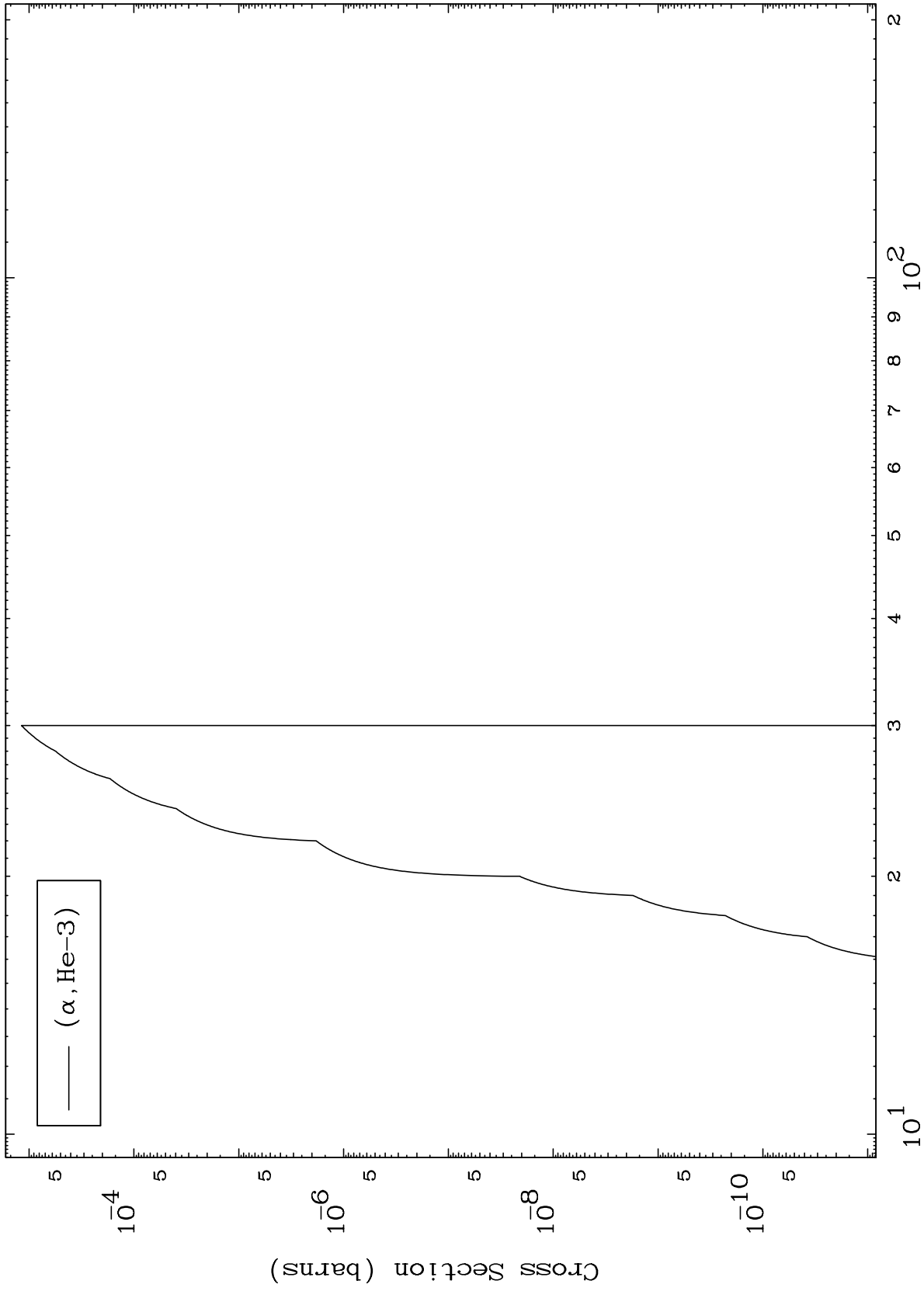
36-Kr-81



MAT 3635

(α ,He3) Levels
0 Kelvin Cross Sections

36-Kr-81



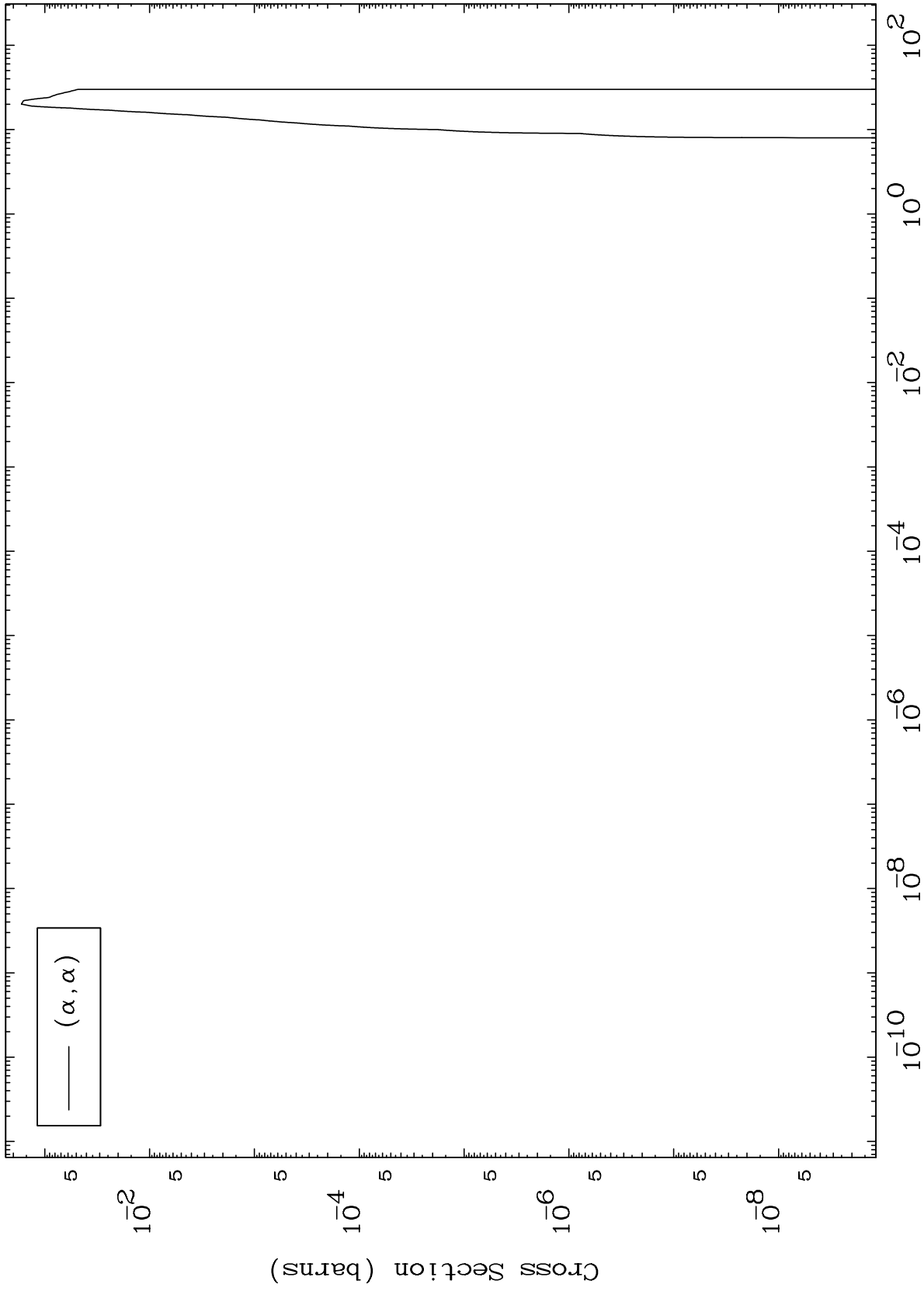
Incident Energy (MeV)

36-Kr-81

MAT 3635

(α, α) Levels
0 Kelvin Cross Sections

36-Kr-81



10

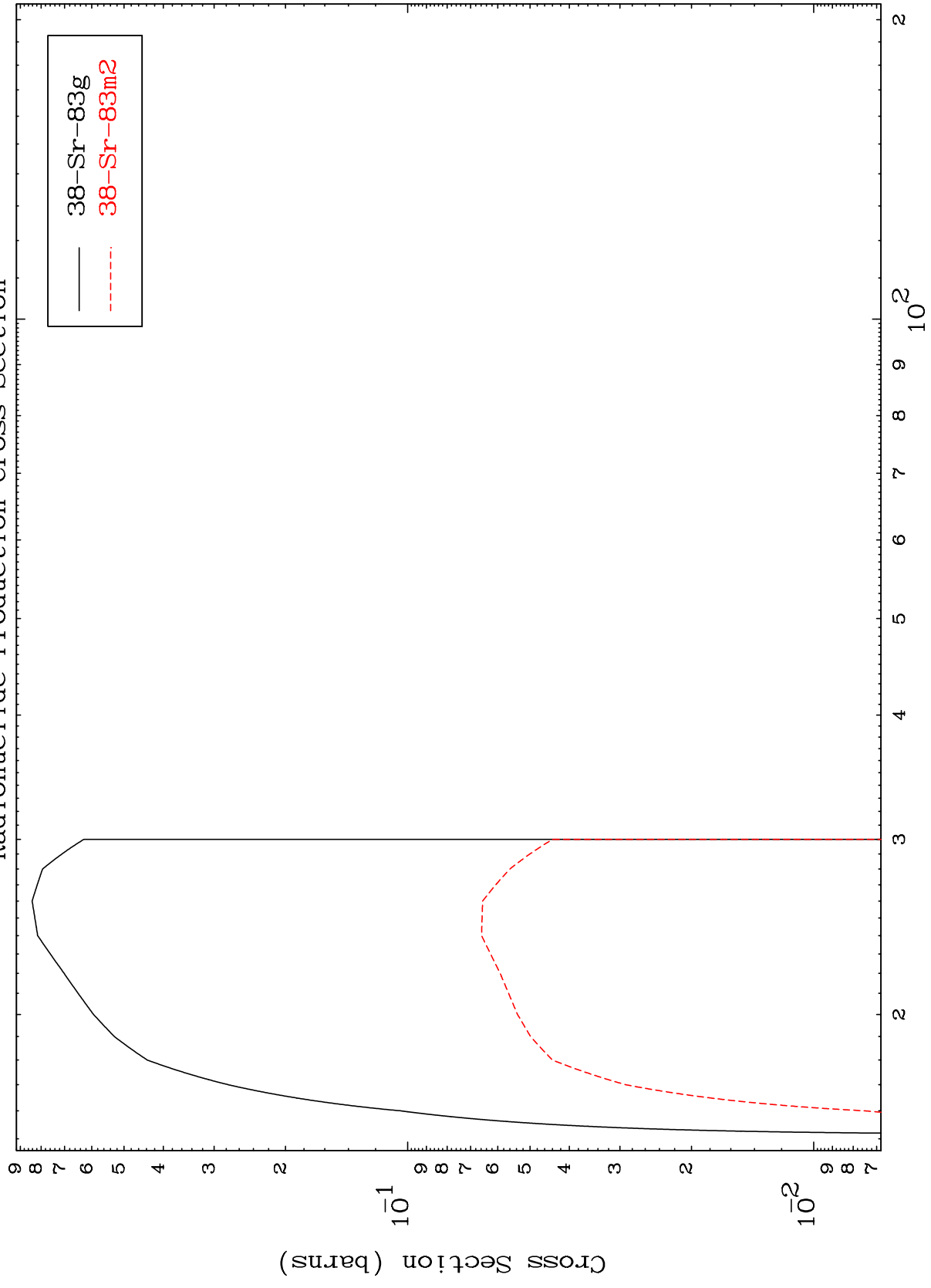
Incident Energy (MeV)

36-Kr-81

MAT 3635

36-Kr-81

($\alpha, 2n$)
Radionuclide Production Cross Section



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

11

36-Kr-81

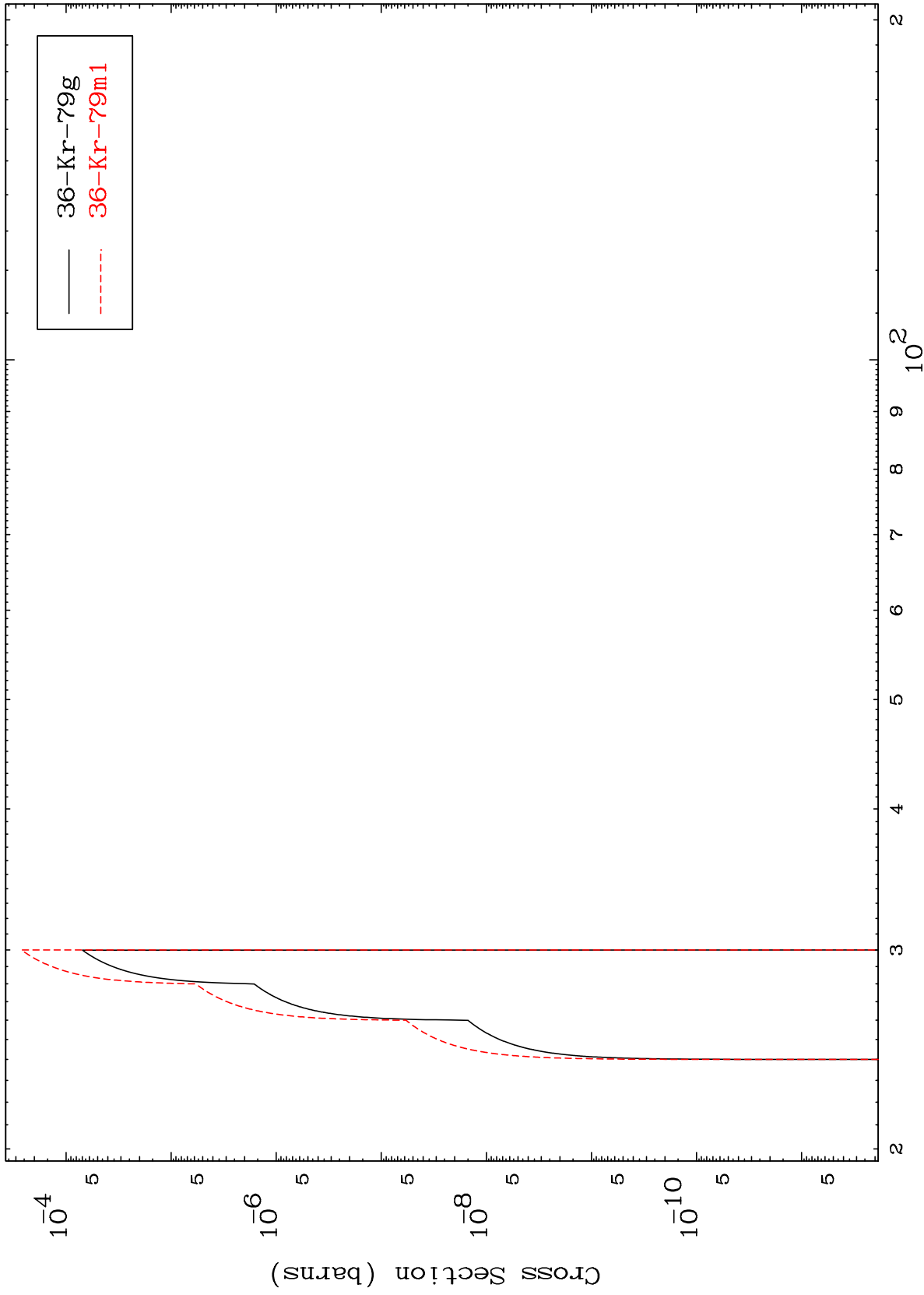
Incident Energy (MeV)

MAT 3635

$(\alpha, 2n) \alpha$

36-Kr-81

Radionuclide Production Cross Section

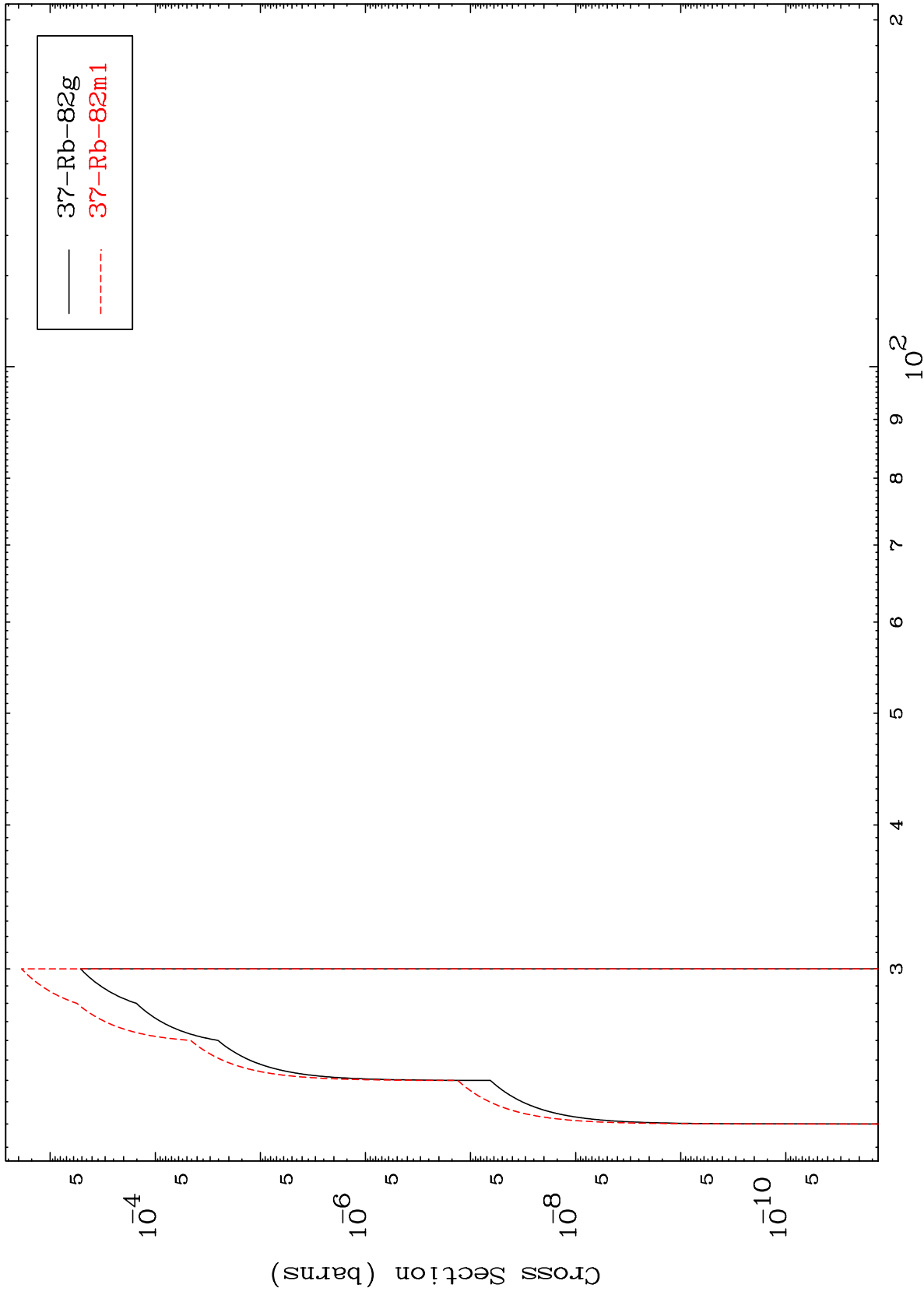


12

Incident Energy (MeV)

36-Kr-81

Radionuclide Production Cross Section

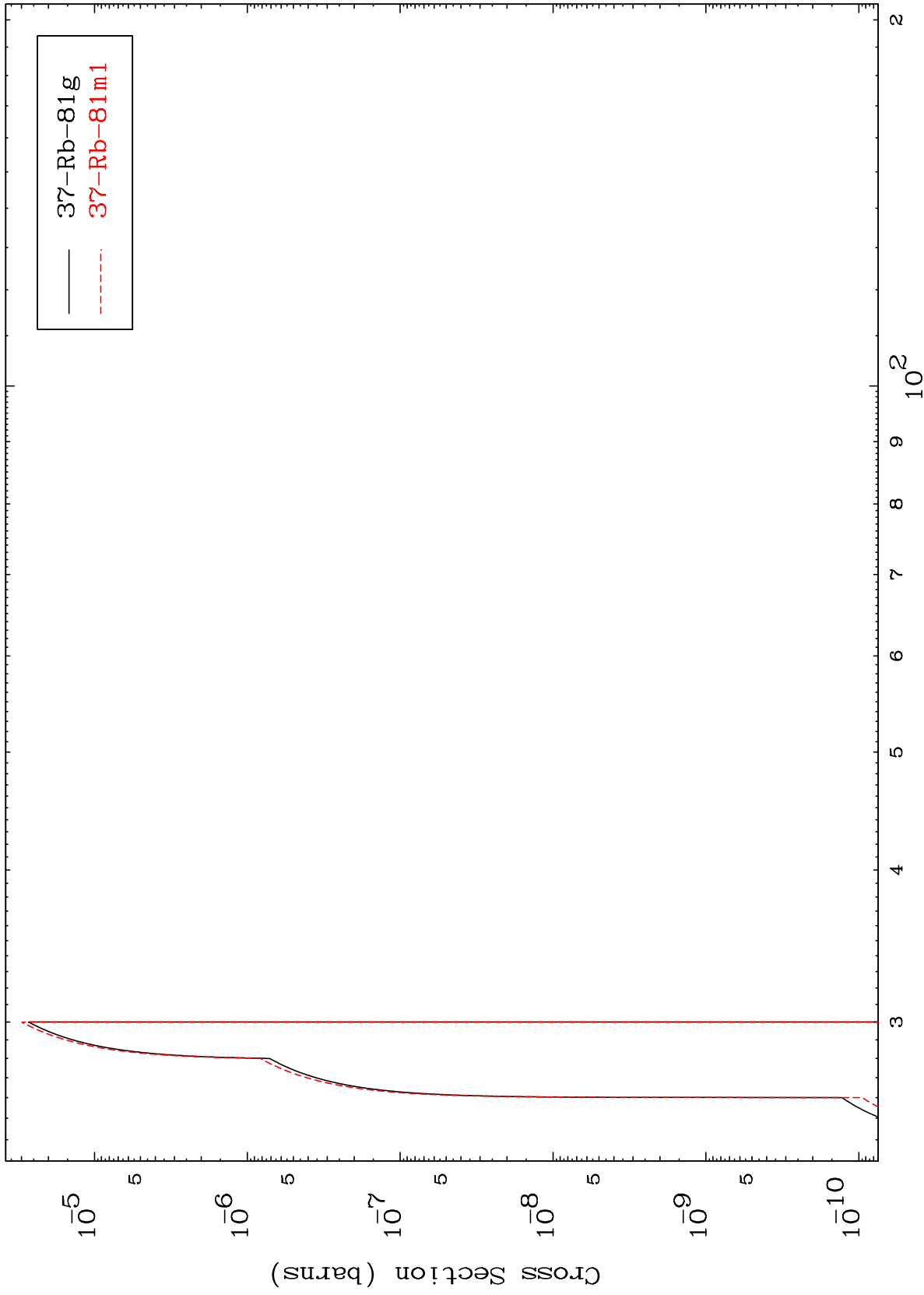


MAT 3635

(α, n') t

36-Kr-81

Radionuclide Production Cross Section



14

Incident Energy (MeV)

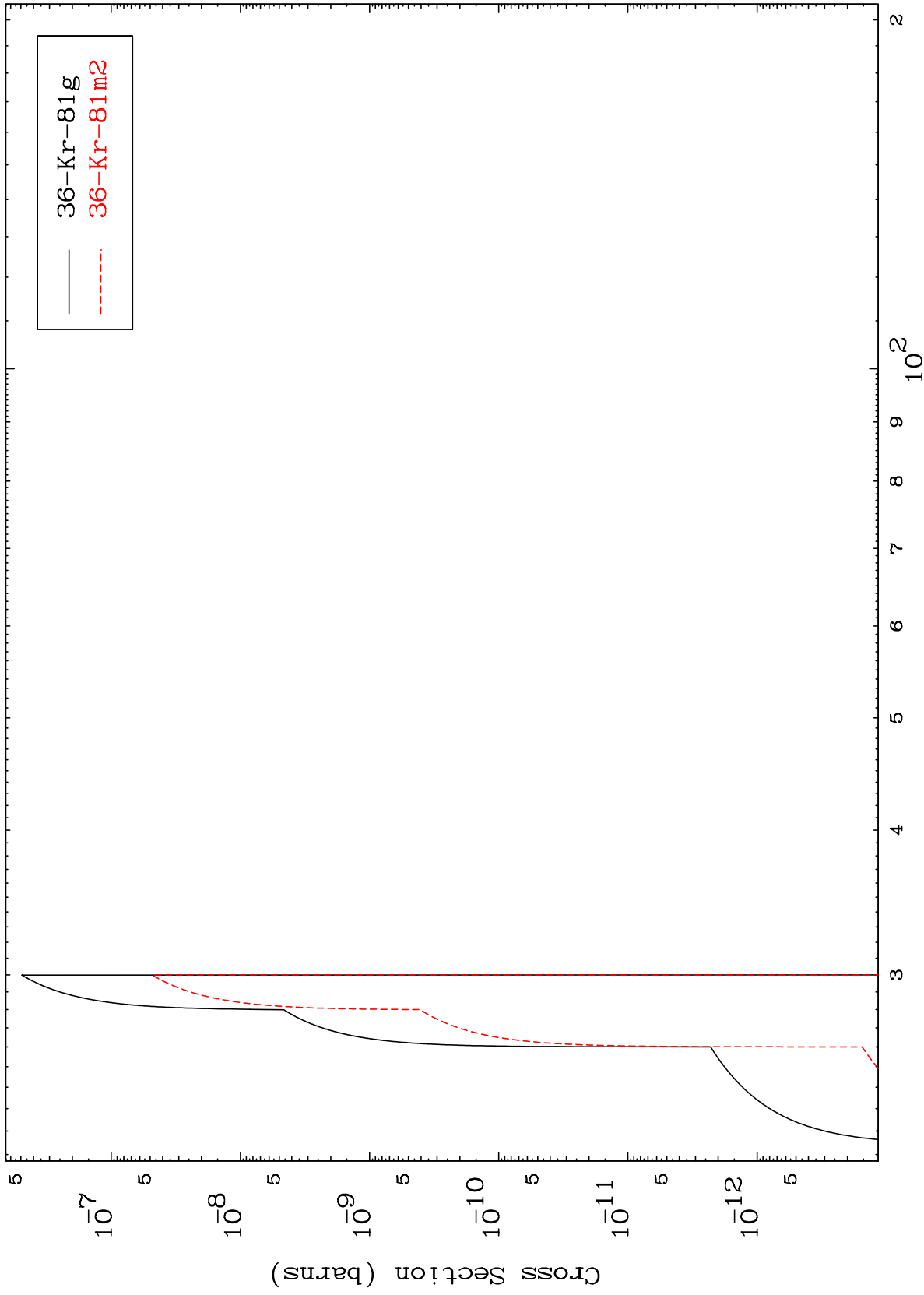
36-Kr-81

MAT 3635

(α, n') He-3

³⁶Kr-81

Radionuclide Production Cross Section



15

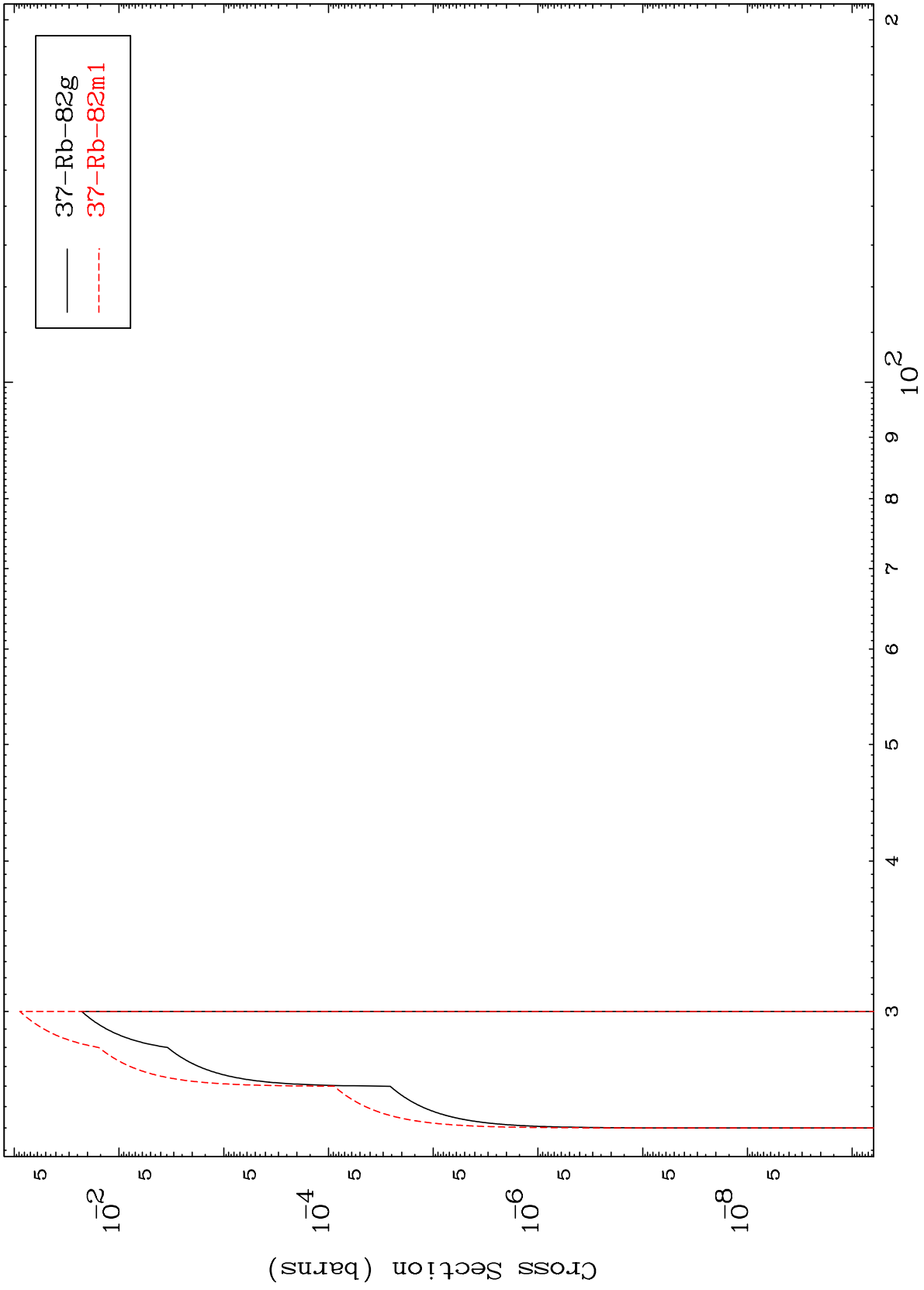
Incident Energy (MeV)

³⁶Kr-81

MAT 3635

36-Kr-81

$(\alpha, 2n)$ p
Radionuclide Production Cross Section



16

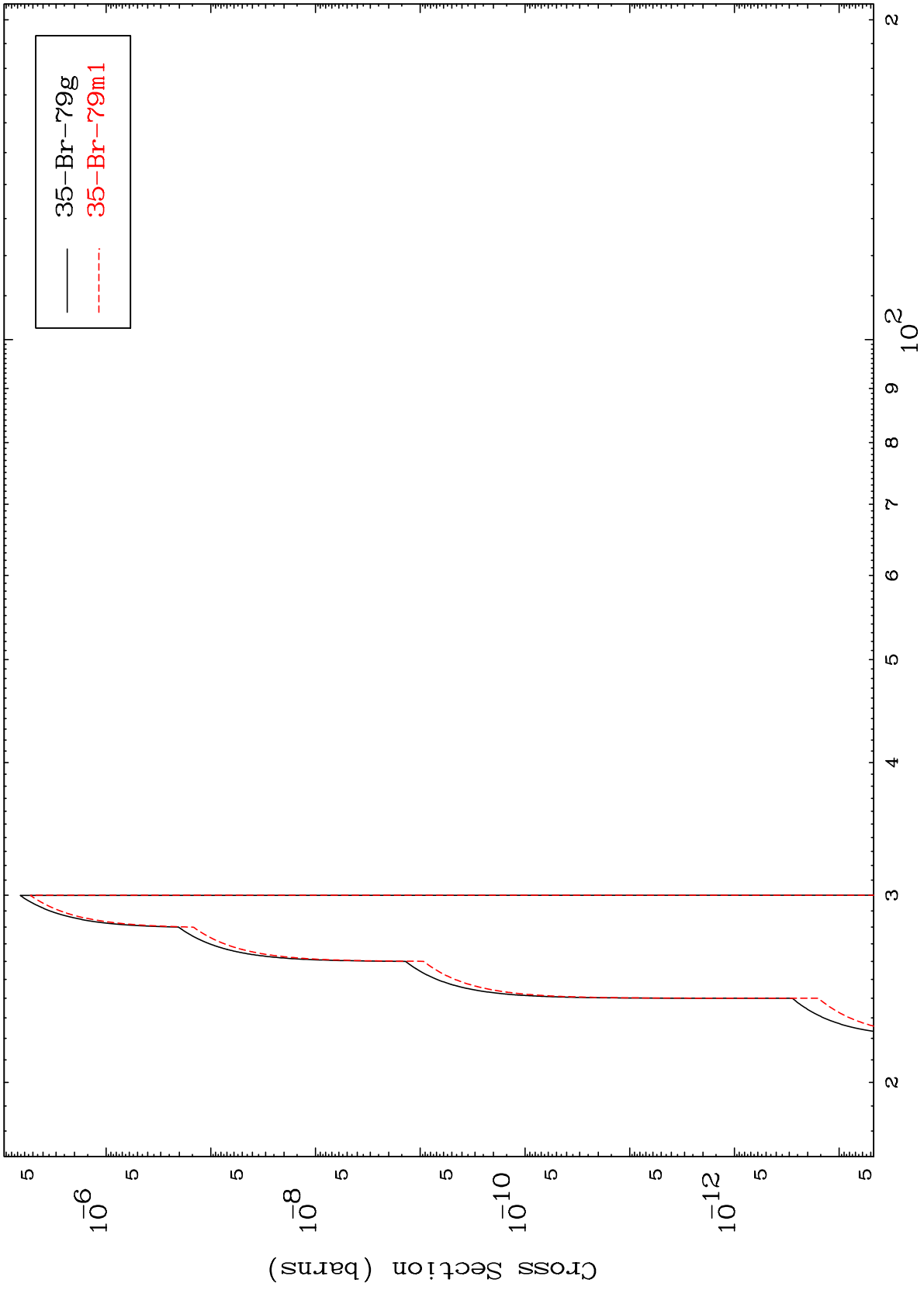
Incident Energy (MeV)

36-Kr-81

MAT 3635

36-Kr-81

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



17

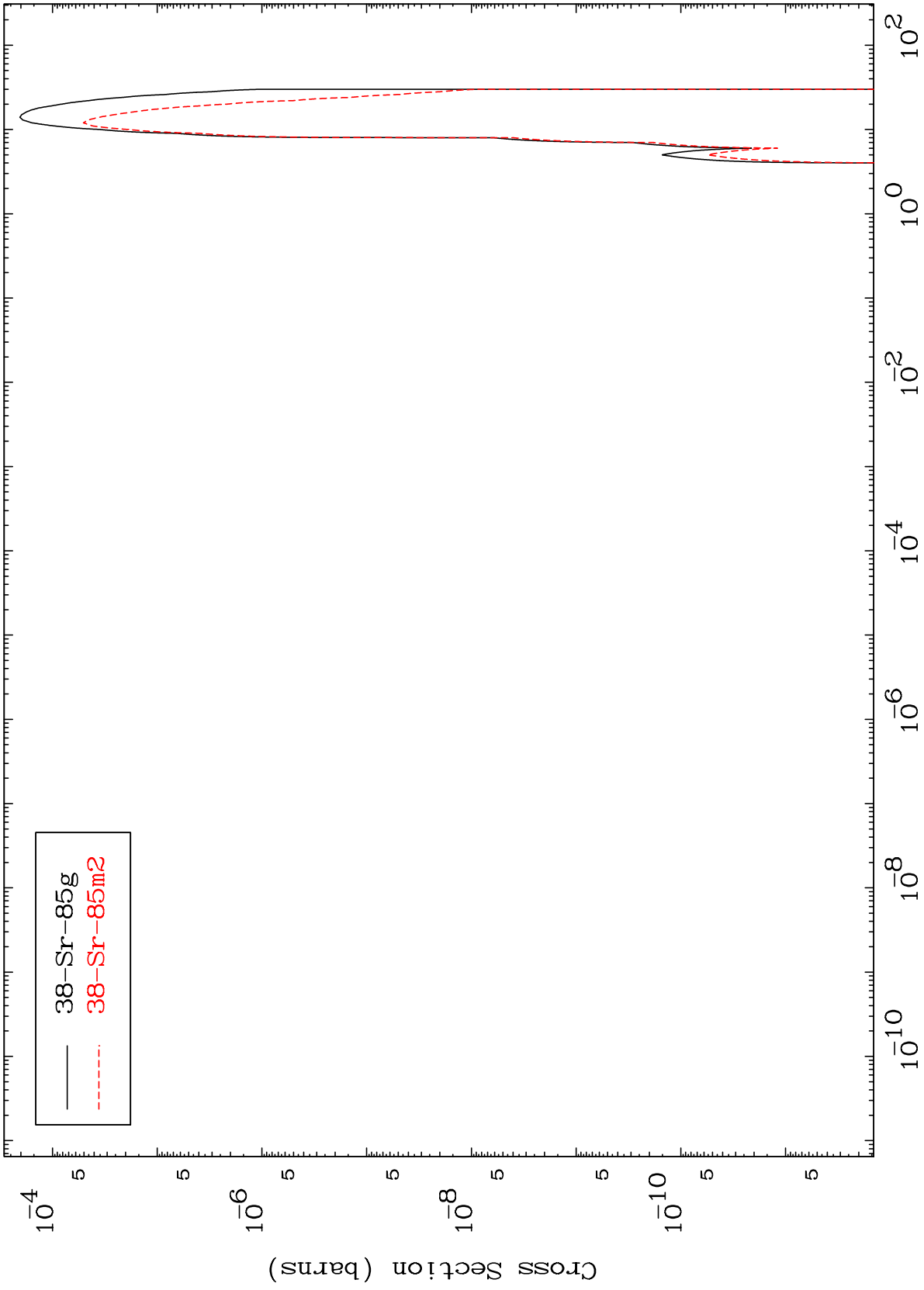
Incident Energy (MeV)

36-Kr-81

MAT 3635

Radionuclide Production Cross Section
(α, γ)

³⁶Kr-81



18

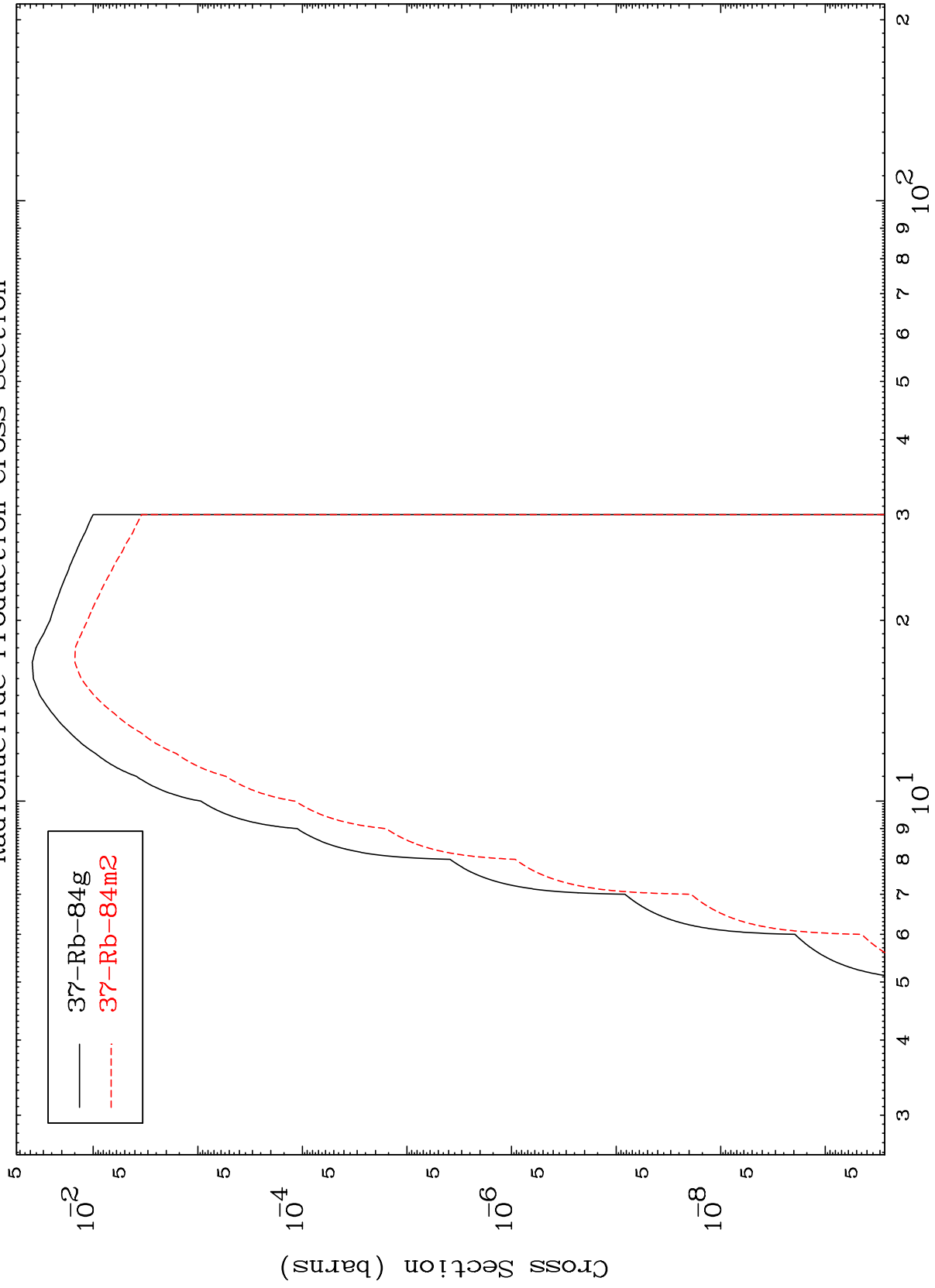
Incident Energy (MeV)

³⁶Kr-81

MAT 3635

36-Kr-81

Radionuclide Production Cross Section
(α, p)



19

Incident Energy (MeV)

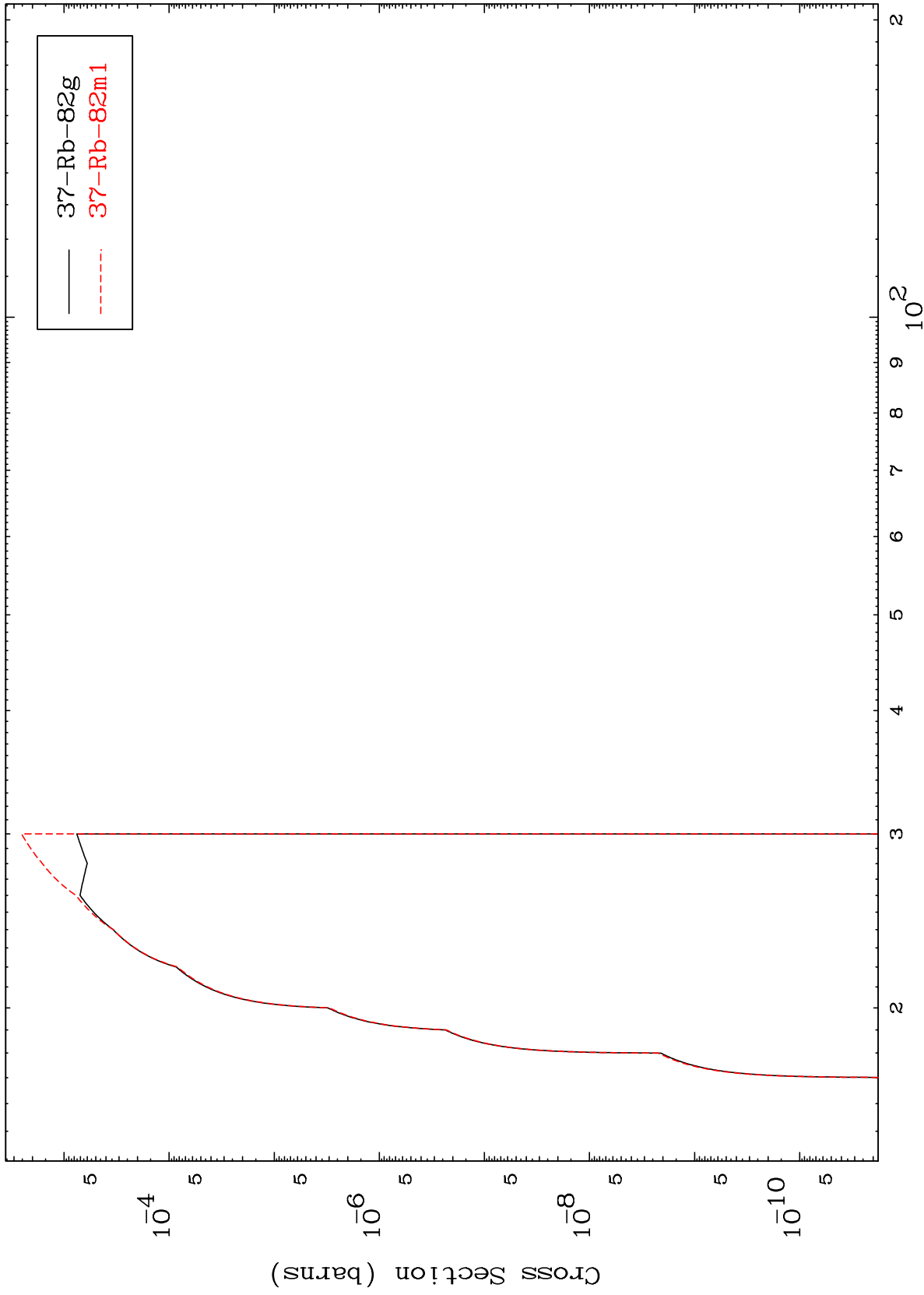
36-Kr-81

MAT 3635

(α, t)

36-Kr-81

Radionuclide Production Cross Section



20

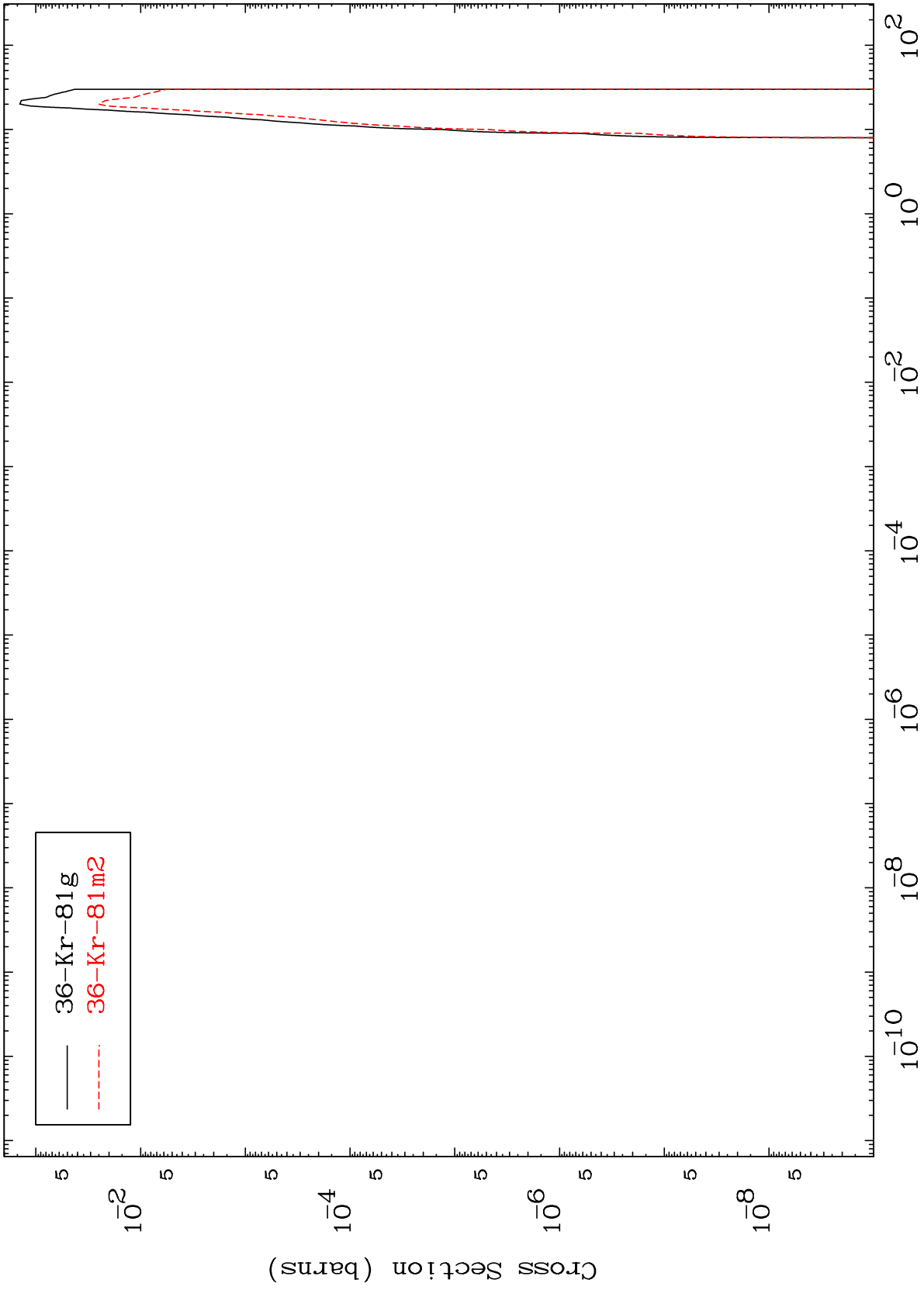
Incident Energy (MeV)

36-Kr-81

MAT 3635

(α, α)
Radionuclide Production Cross Section

$^{36}\text{Kr-81}$



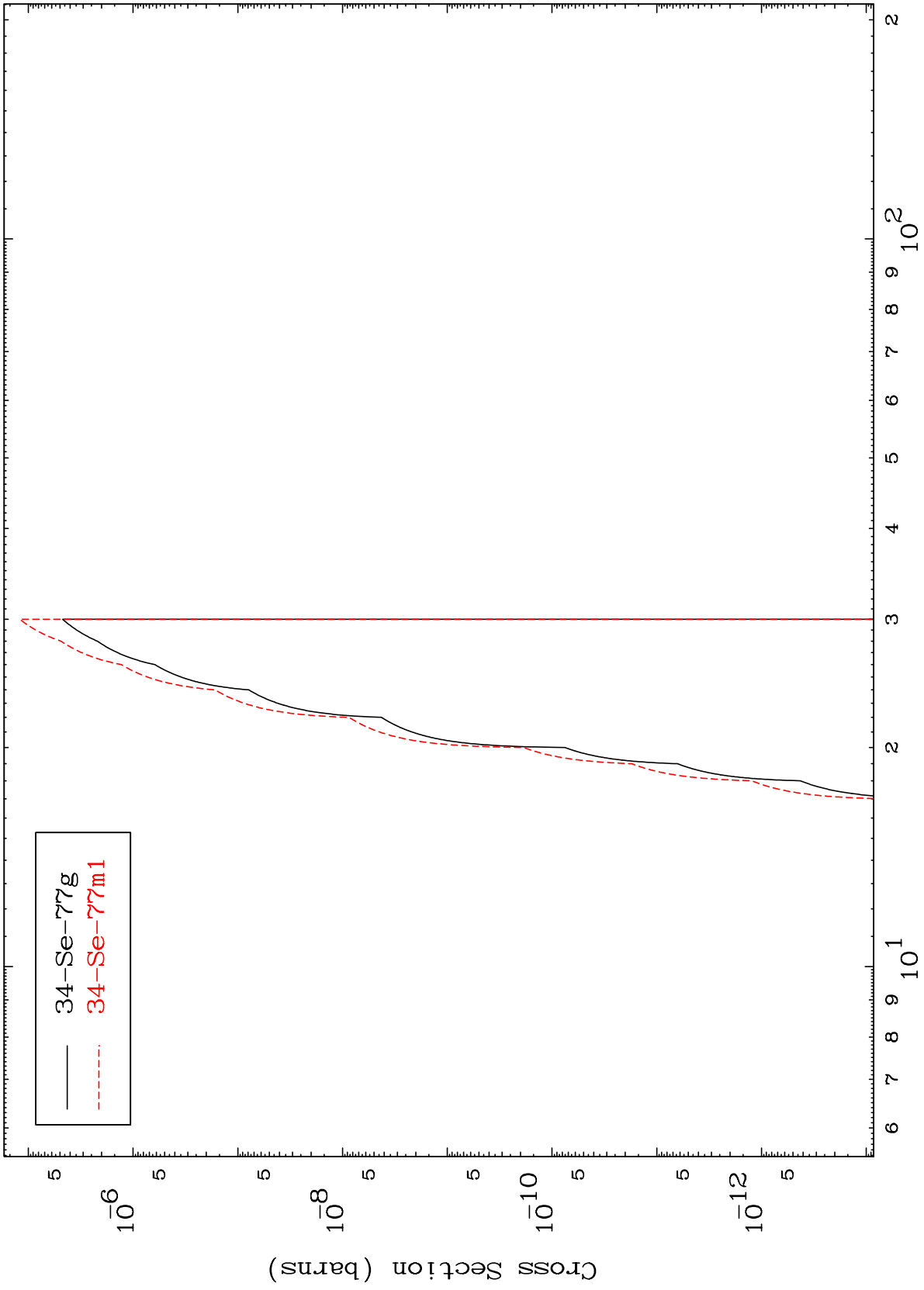
21

$^{36}\text{Kr-81}$

MAT 3635

36-Kr-81

Radionuclide Production Cross Section
($\alpha, 2\alpha$)



22

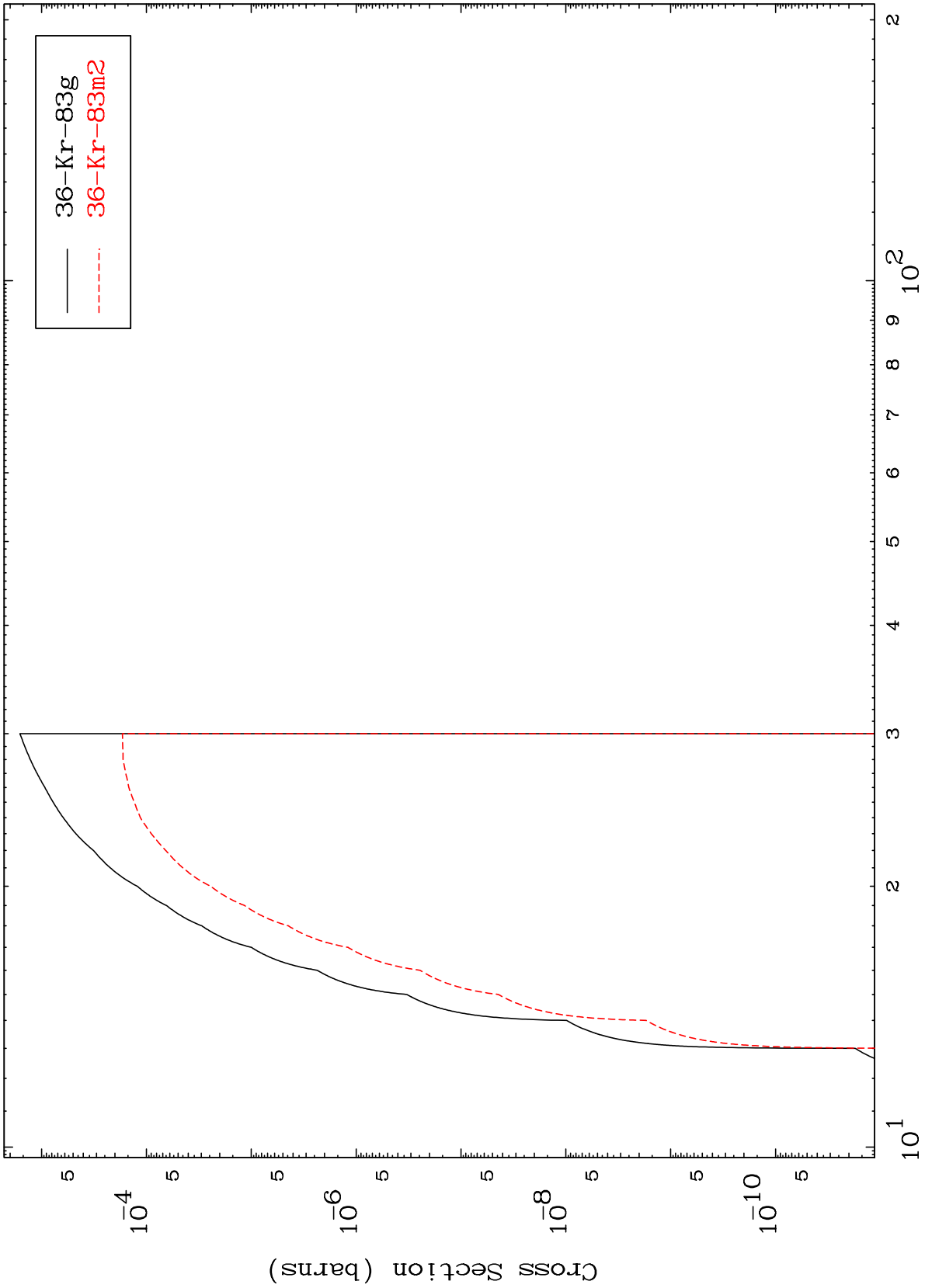
36-Kr-81

MAT 3635

($\alpha, 2p$)

³⁶Kr-81

Radionuclide Production Cross Section



23

Incident Energy (MeV)

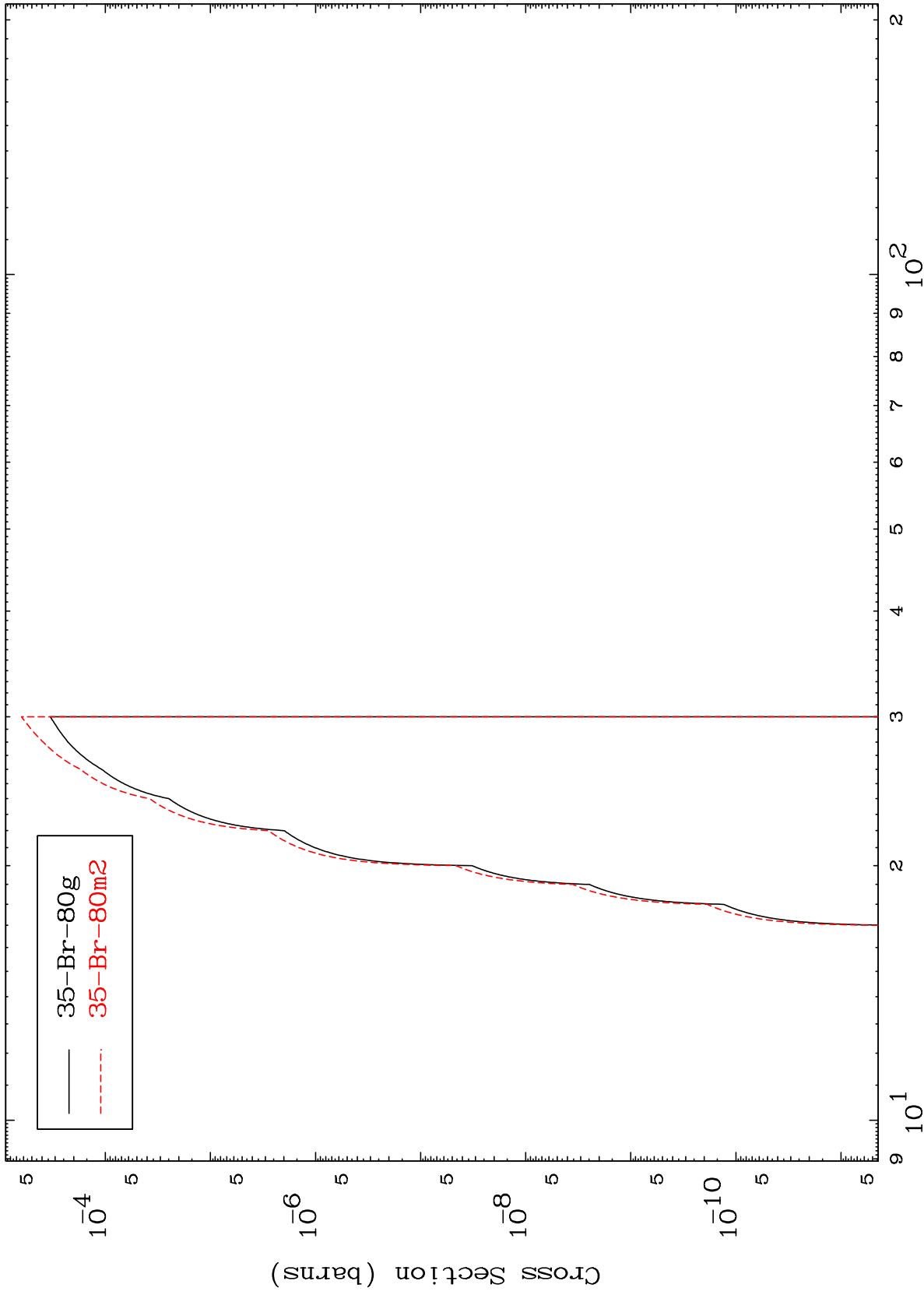
³⁶Kr-81

MAT 3635

(α, p) α

$^{36}\text{Kr-81}$

Radionuclide Production Cross Section



24

Incident Energy (MeV)

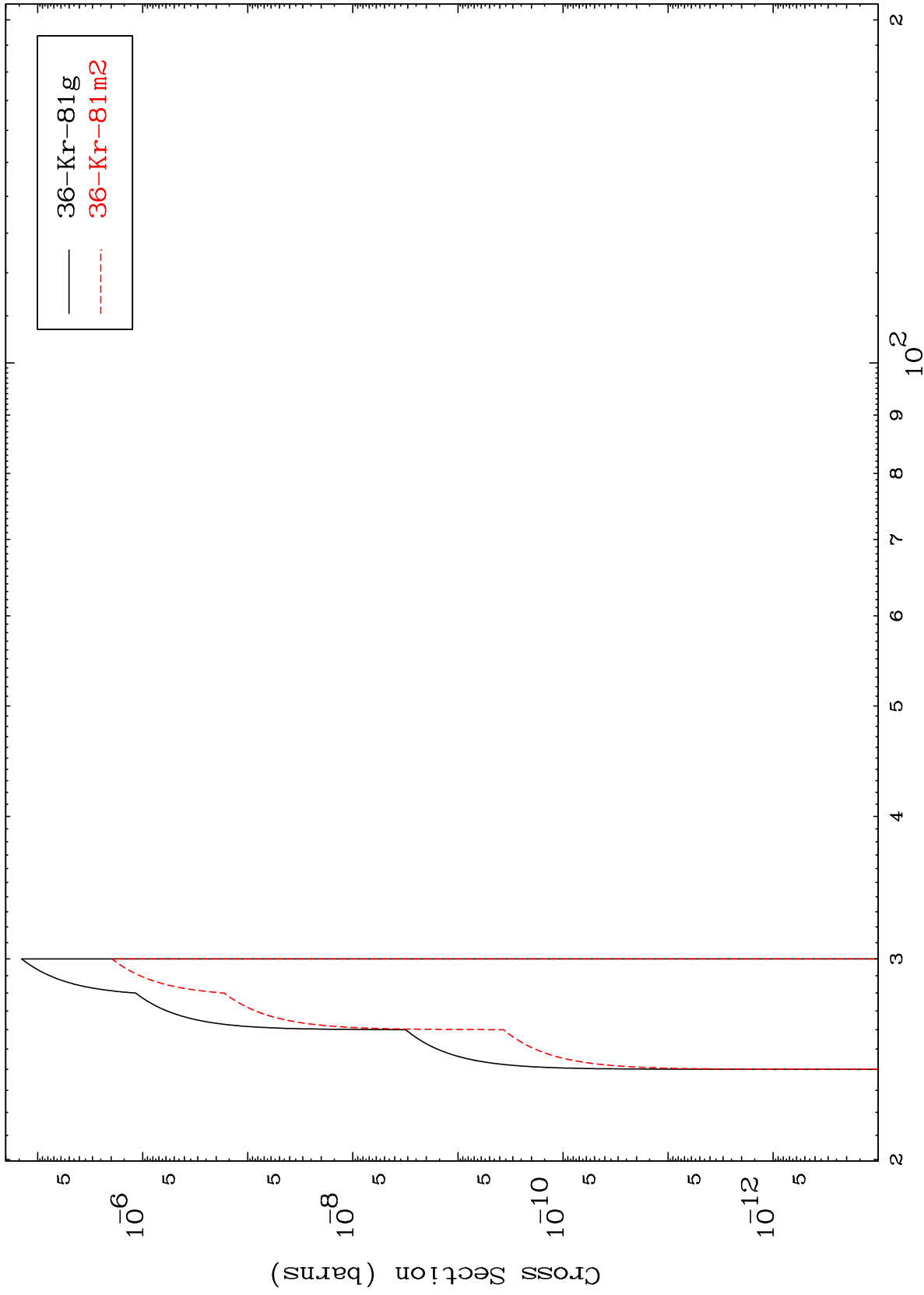
$^{36}\text{Kr-81}$

MAT 3635

(α, p) t

³⁶Kr-81

Radionuclide Production Cross Section



25

Incident Energy (MeV)

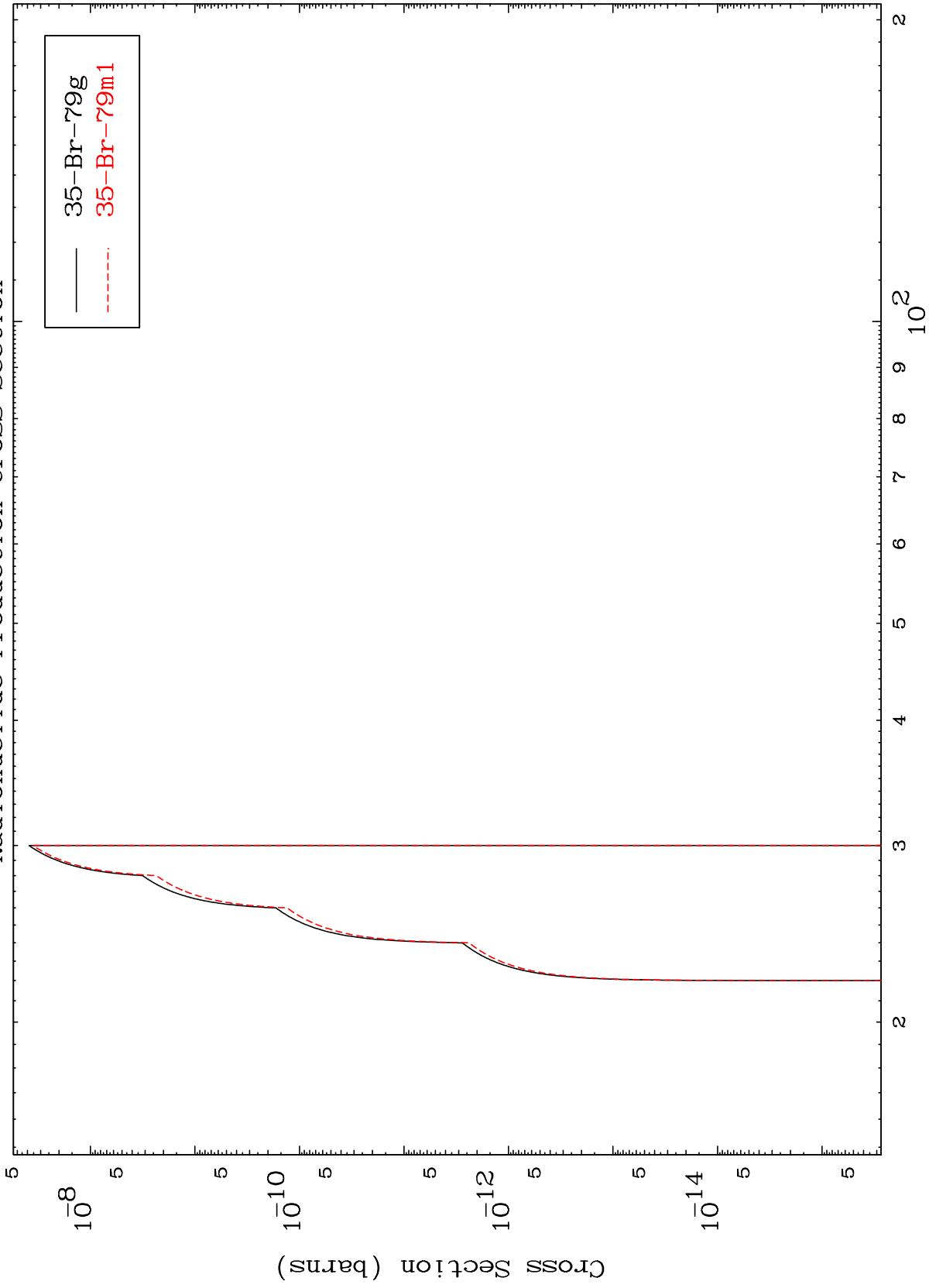
³⁶Kr-81

MAT 3635

(α, d) α

36-Kr-81

Radionuclide Production Cross Section



26

Incident Energy (MeV)

36-Kr-81