

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

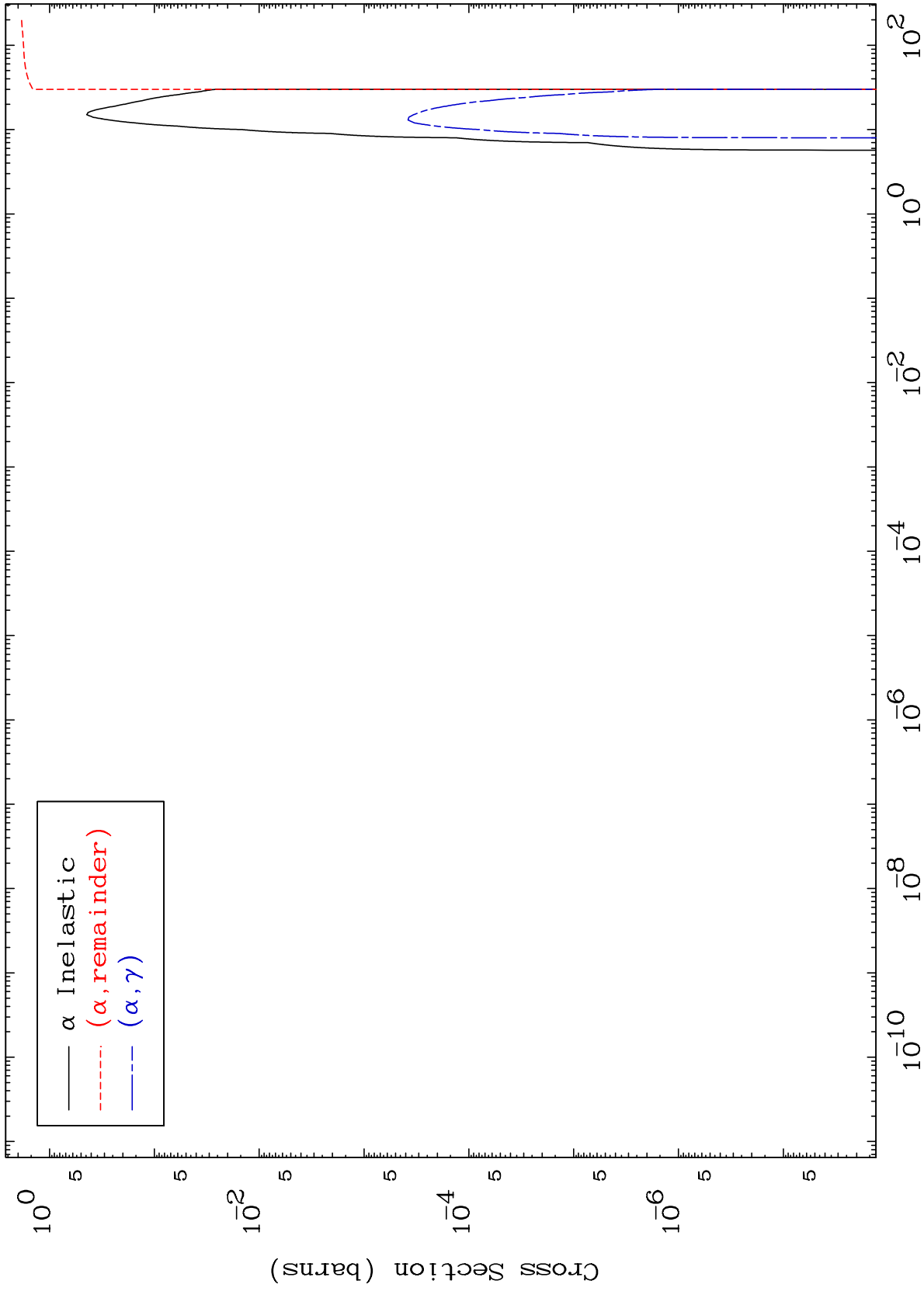
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3719

0 Kelvin α Major
Cross Sections

37-Rb-83



1

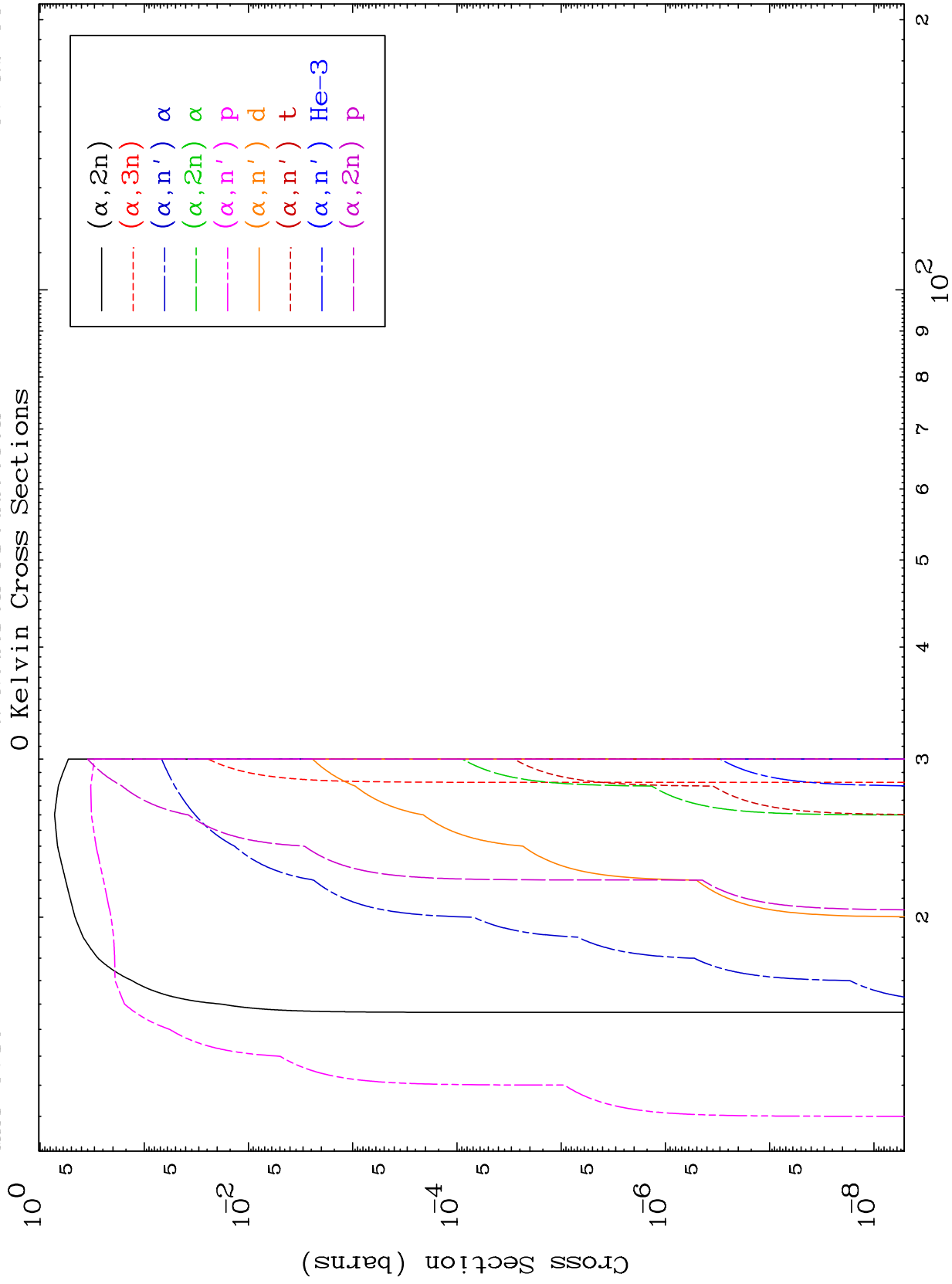
Incident Energy (MeV)

37-Rb-83

MAT 3719

α Neutron Production
0 Kelvin Cross Sections

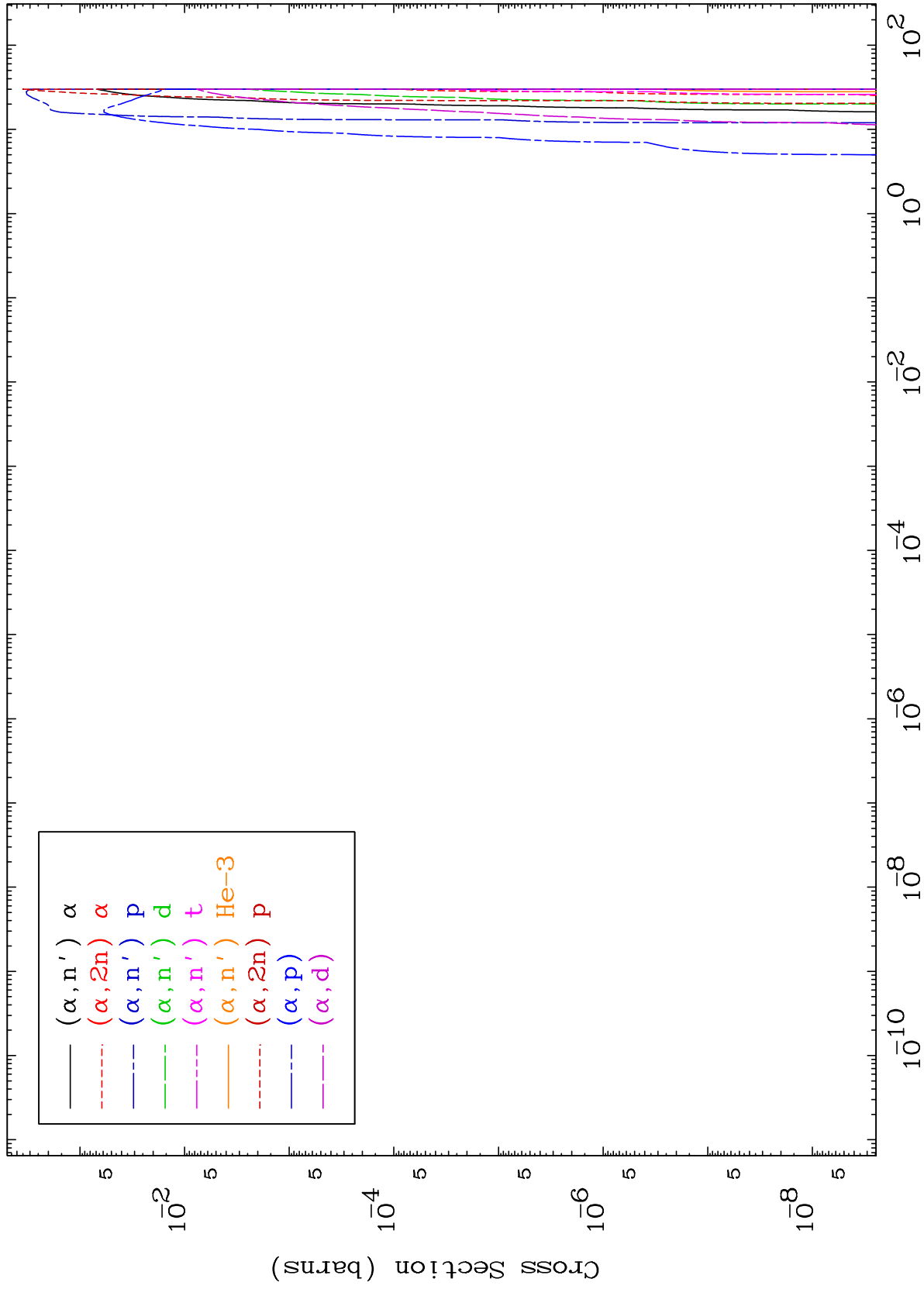
37-Rb-83

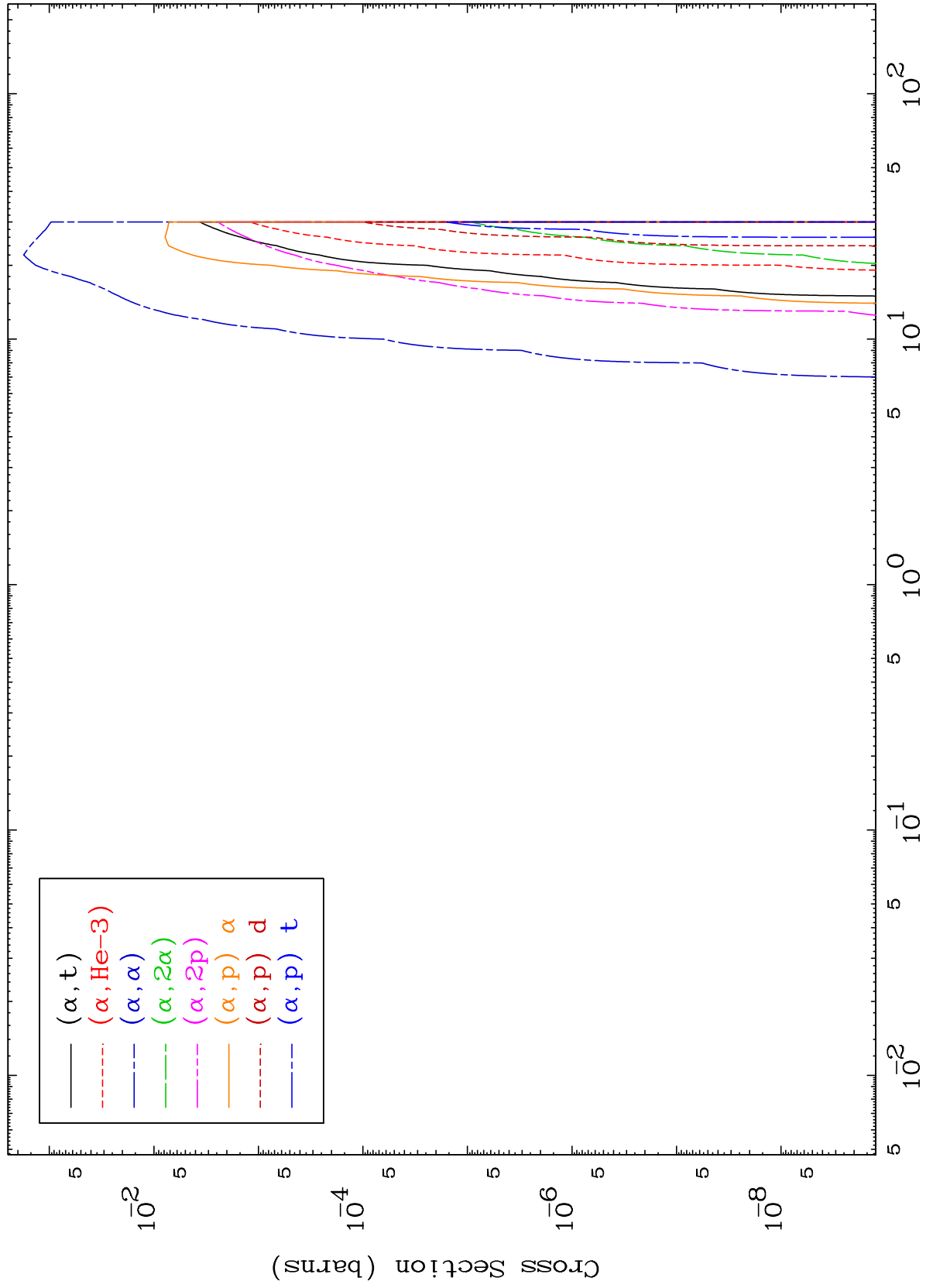


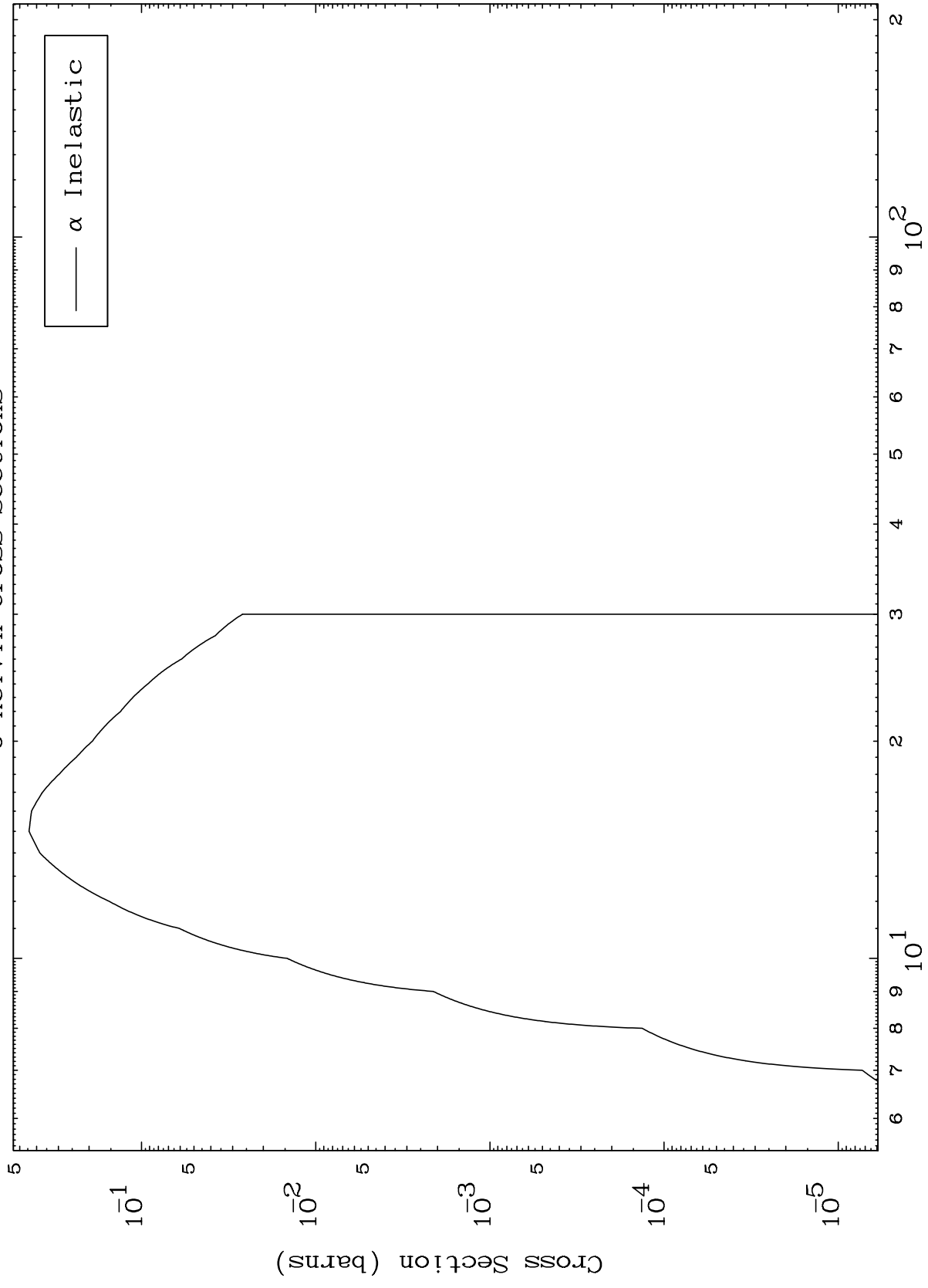
2

Incident Energy (MeV)

37-Rb-83



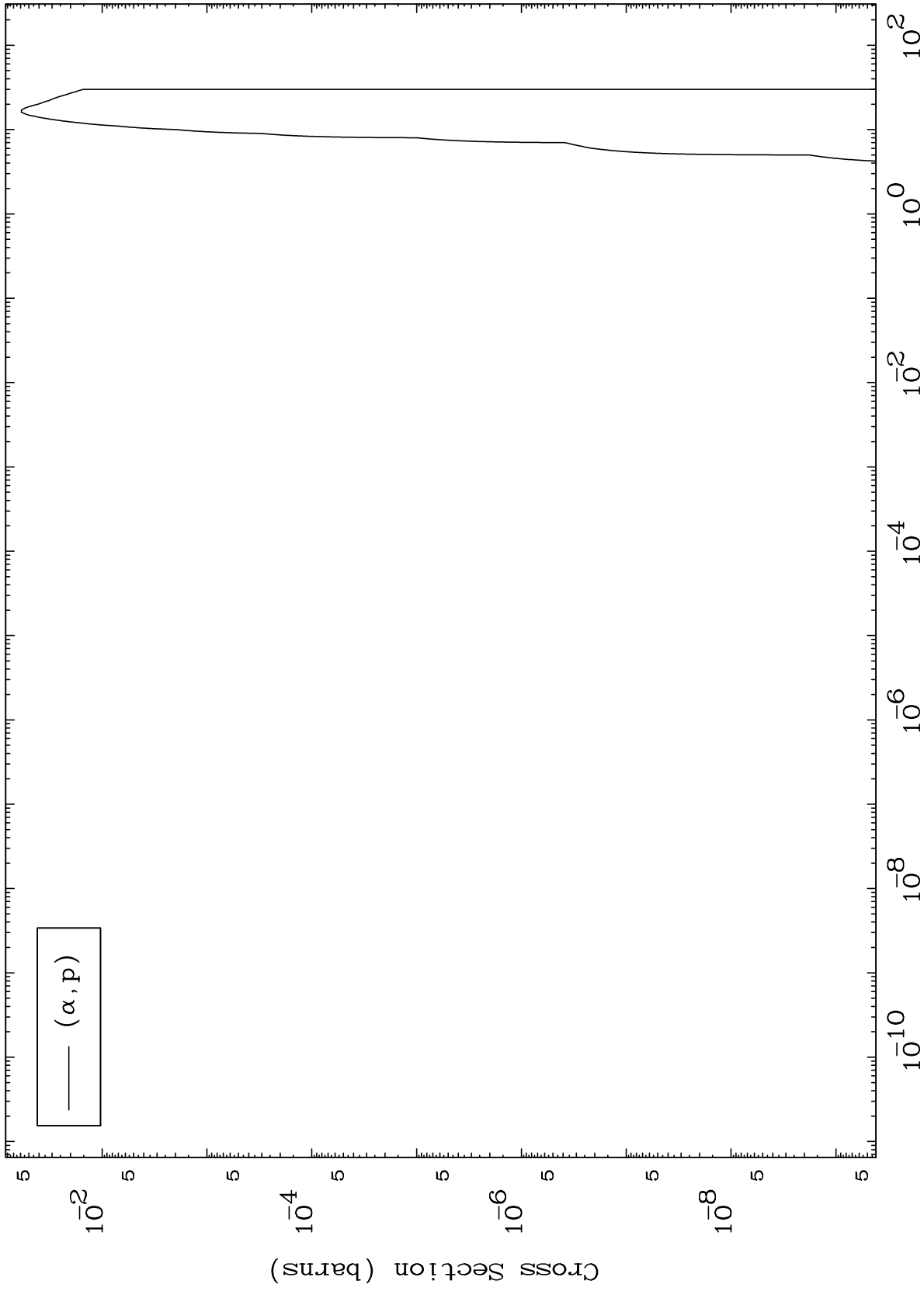




MAT 3719

(α, p) Levels
0 Kelvin Cross Sections

37-Rb-83



6

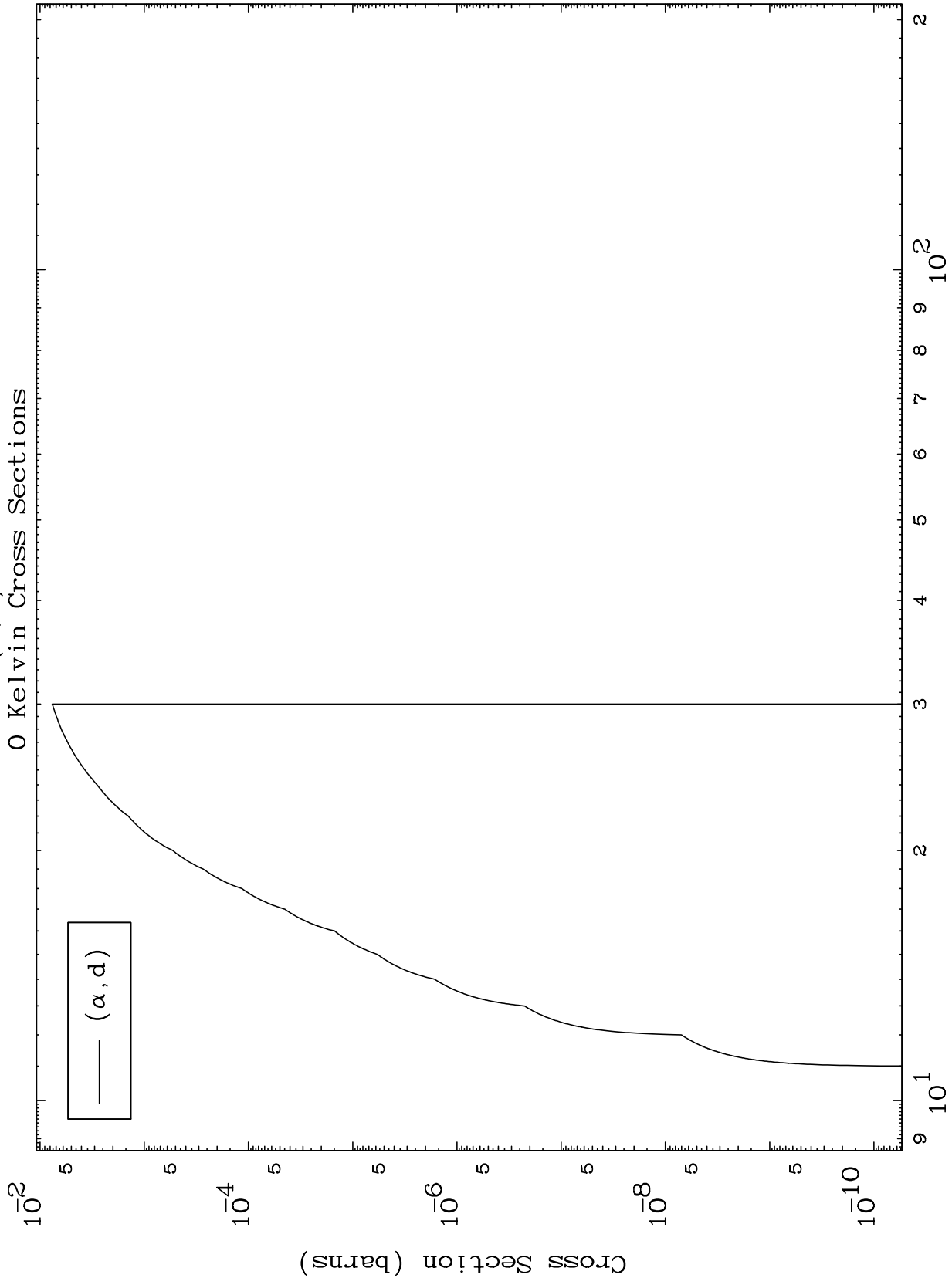
Incident Energy (MeV)

37-Rb-83

MAT 3719

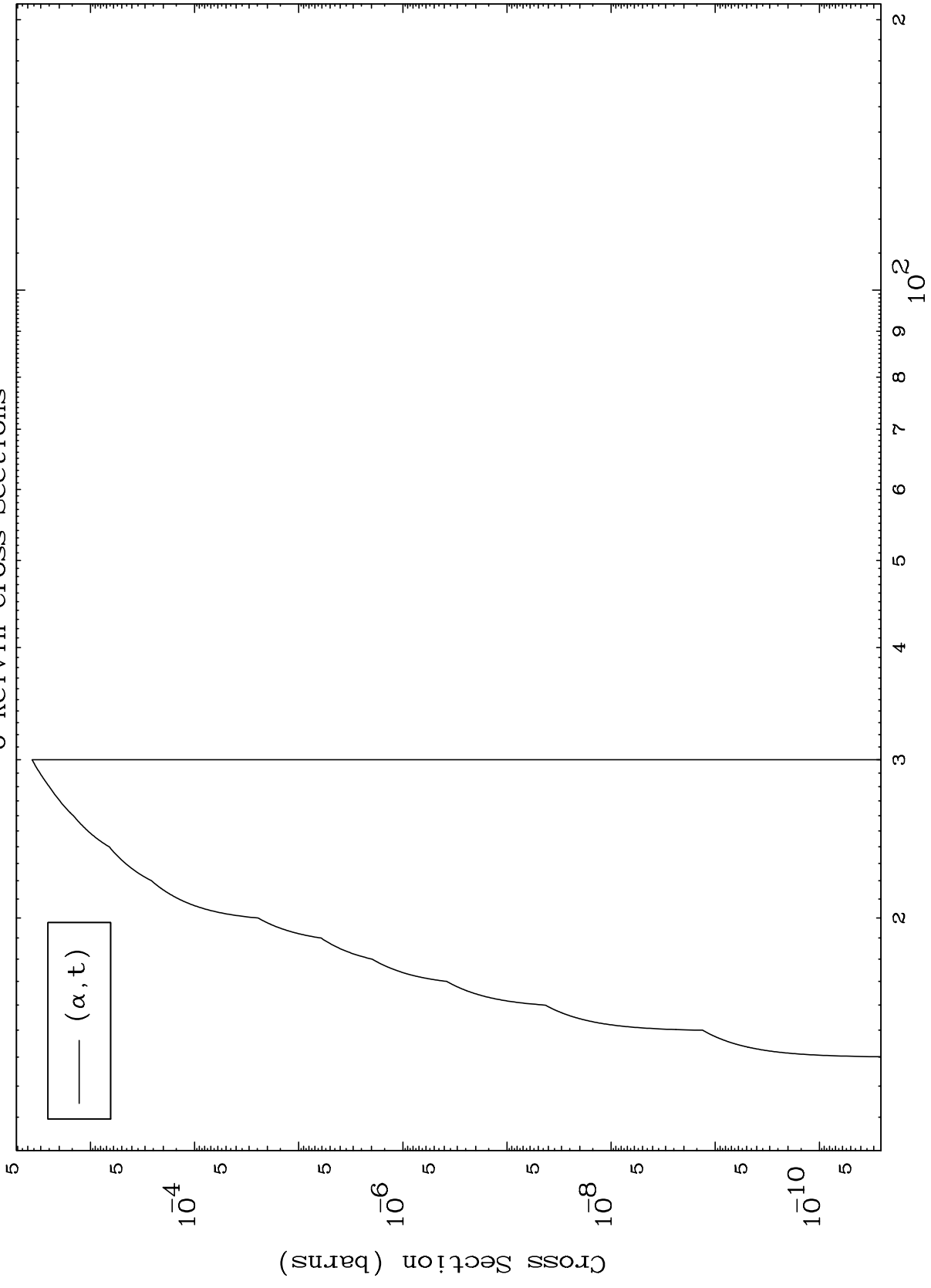
(α, d) Levels
0 Kelvin Cross Sections

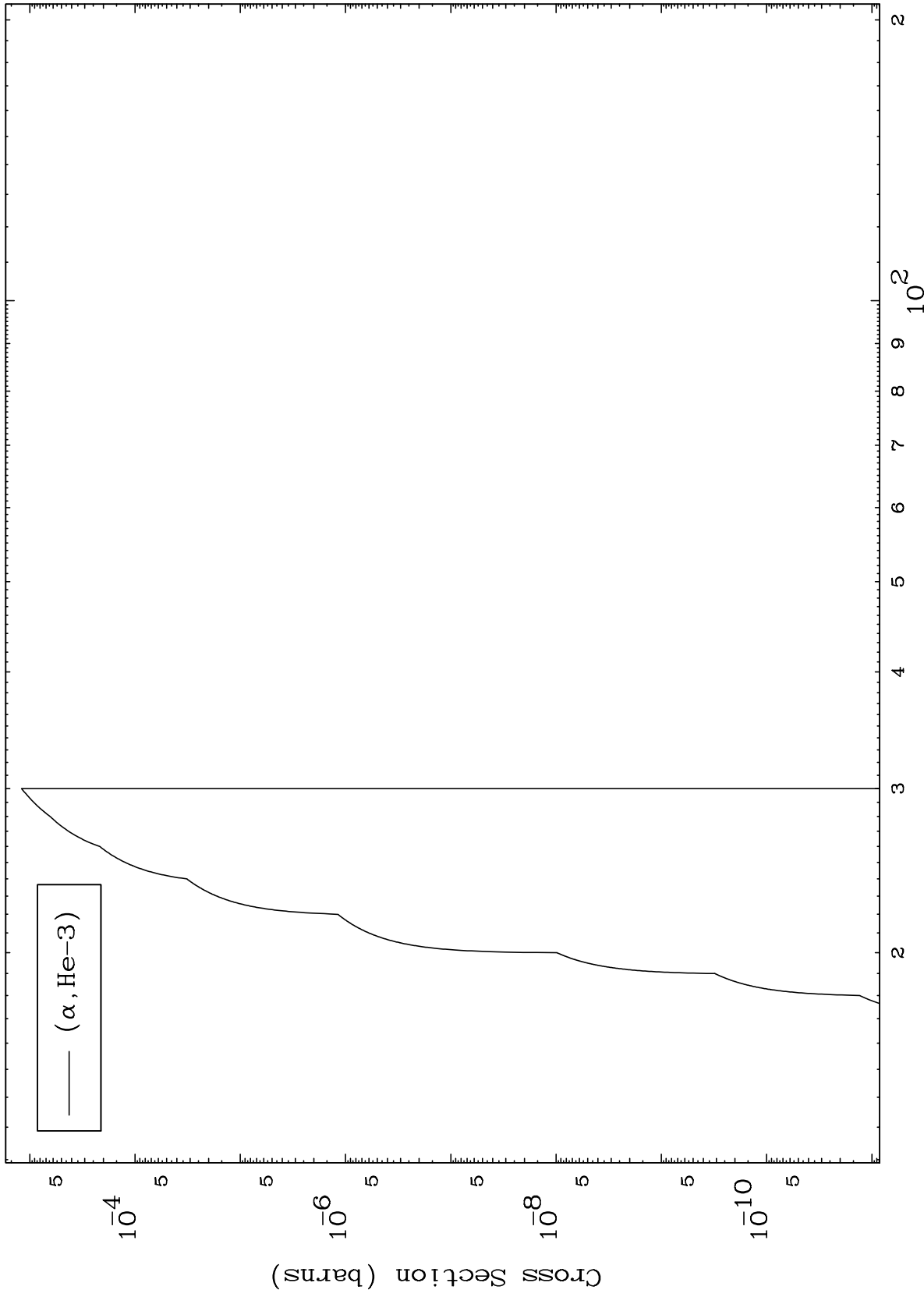
37-Rb-83



Incident Energy (MeV)

37-Rb-83

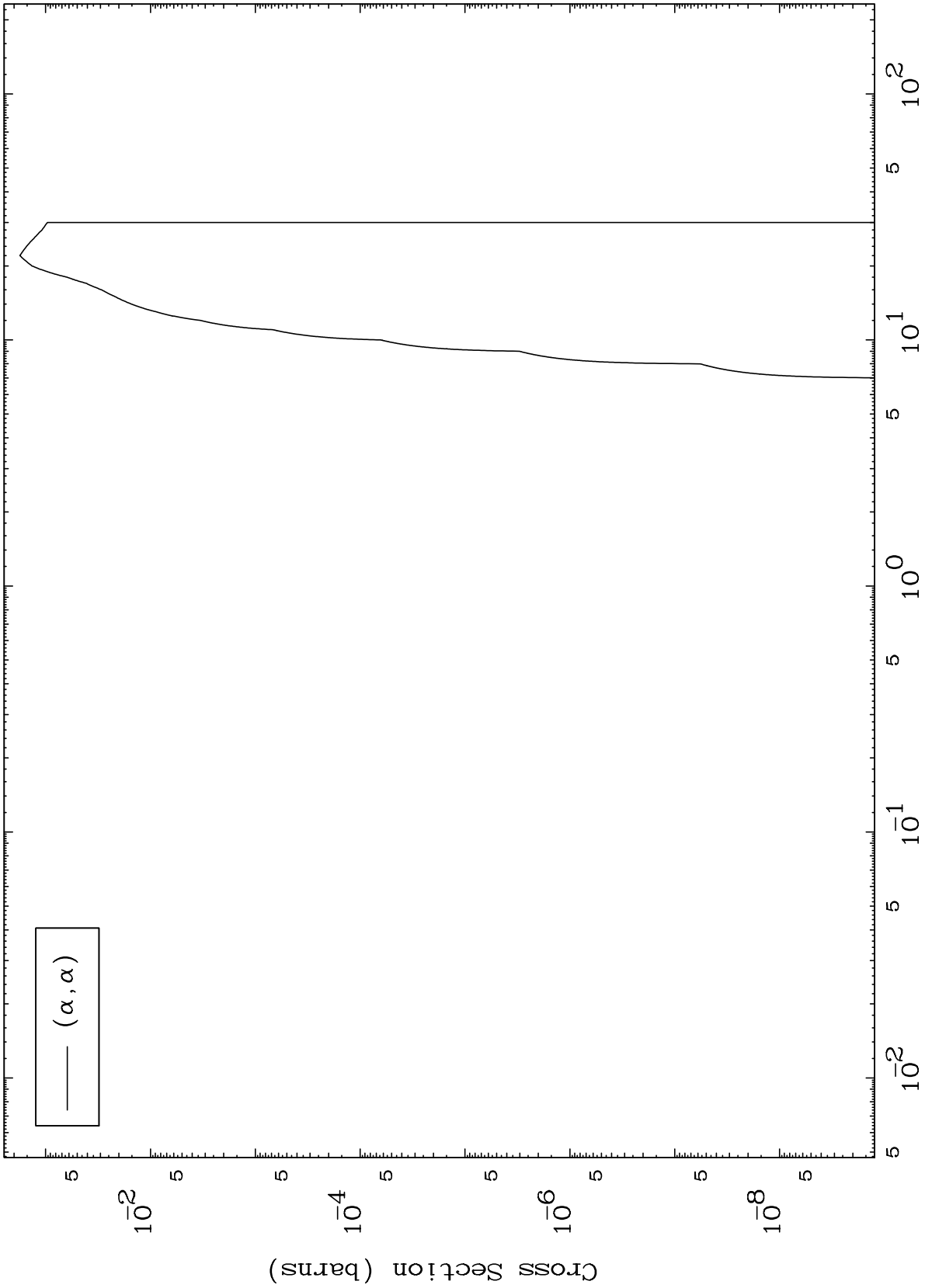




MAT 3719

(α, α) Levels
0 Kelvin Cross Sections

37-Rb-83

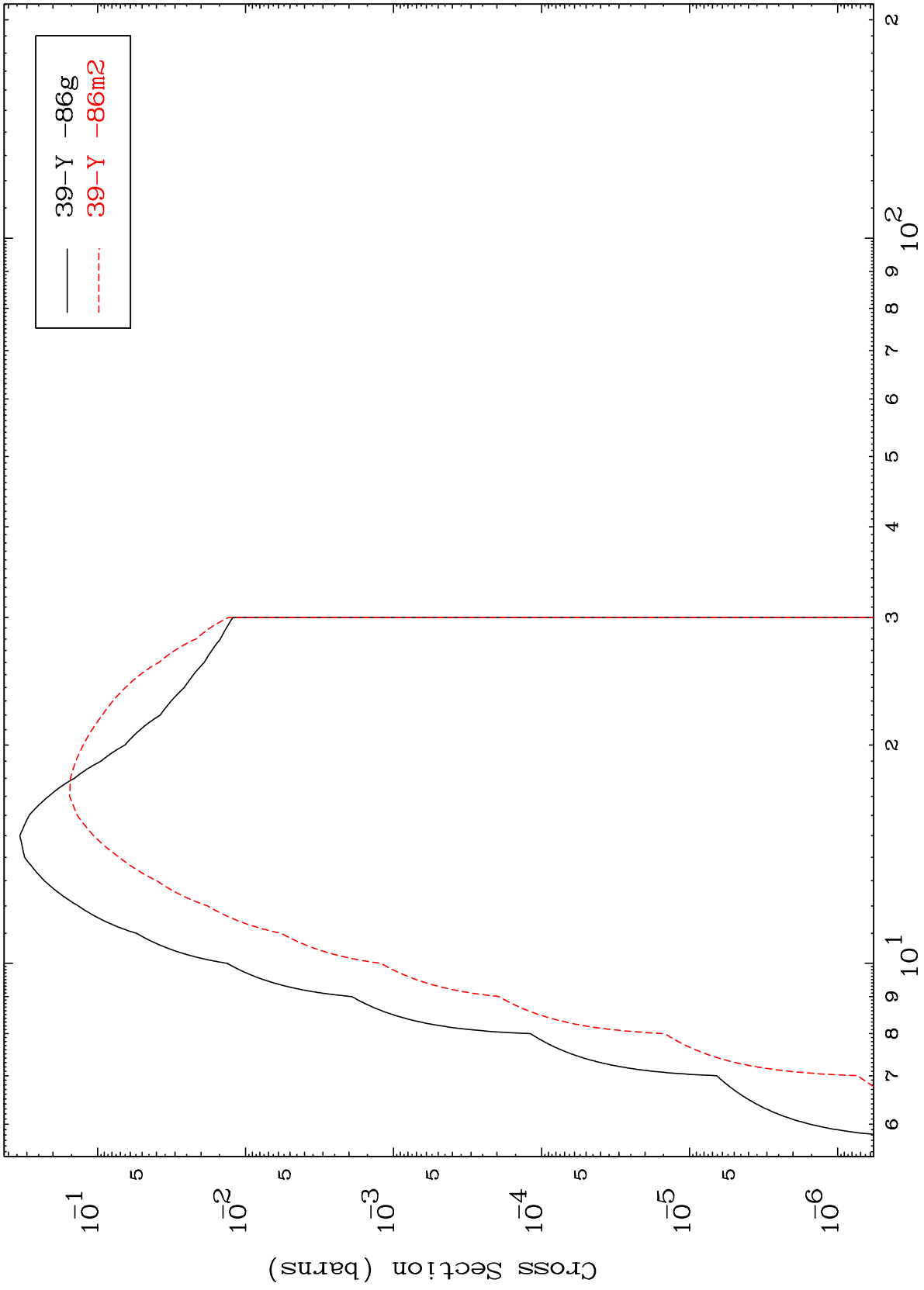


10

Incident Energy (MeV)

37-Rb-83

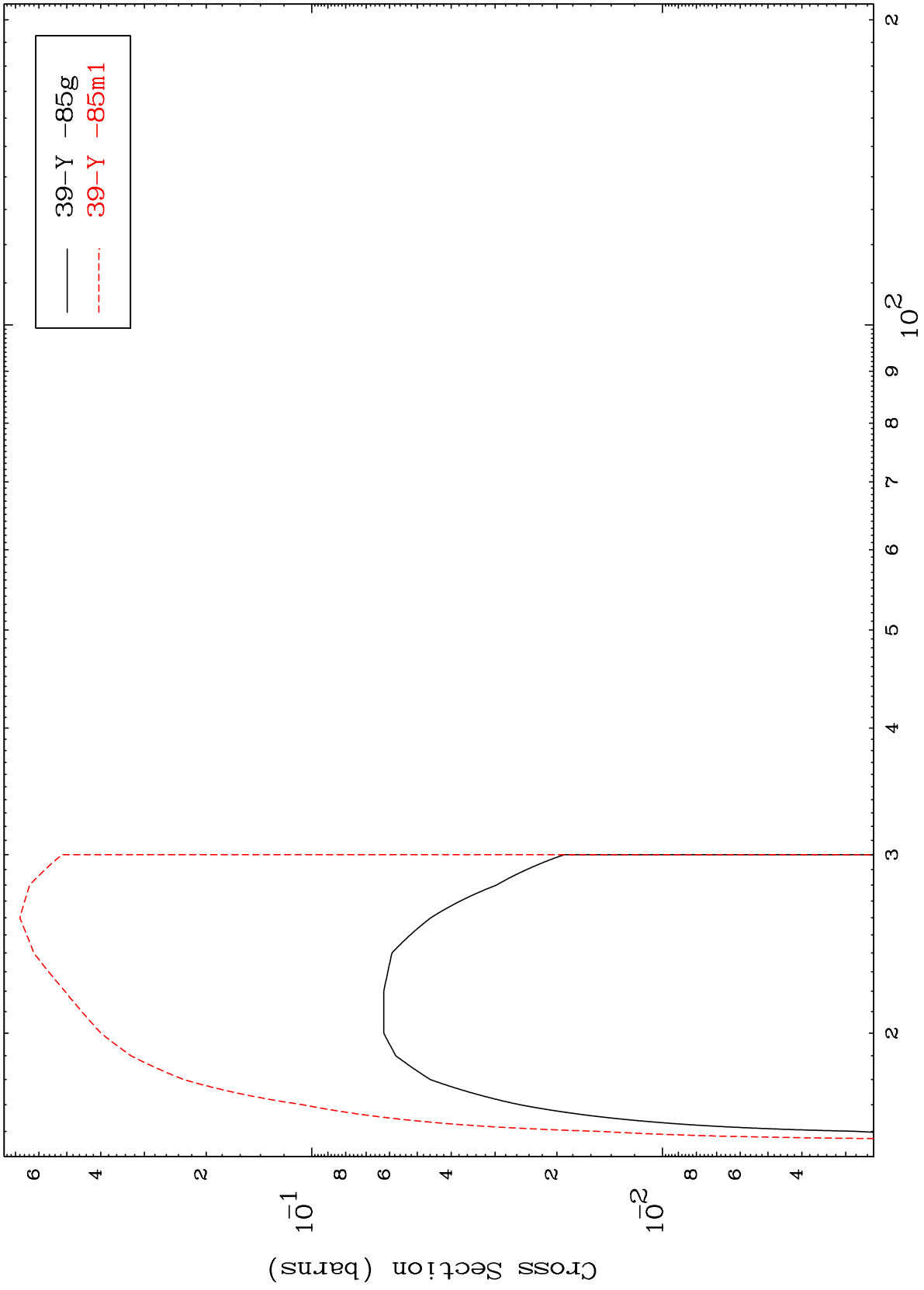
α Inelastic
Radionuclide Production Cross Section



MAT 3719

37-Rb-83

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



12

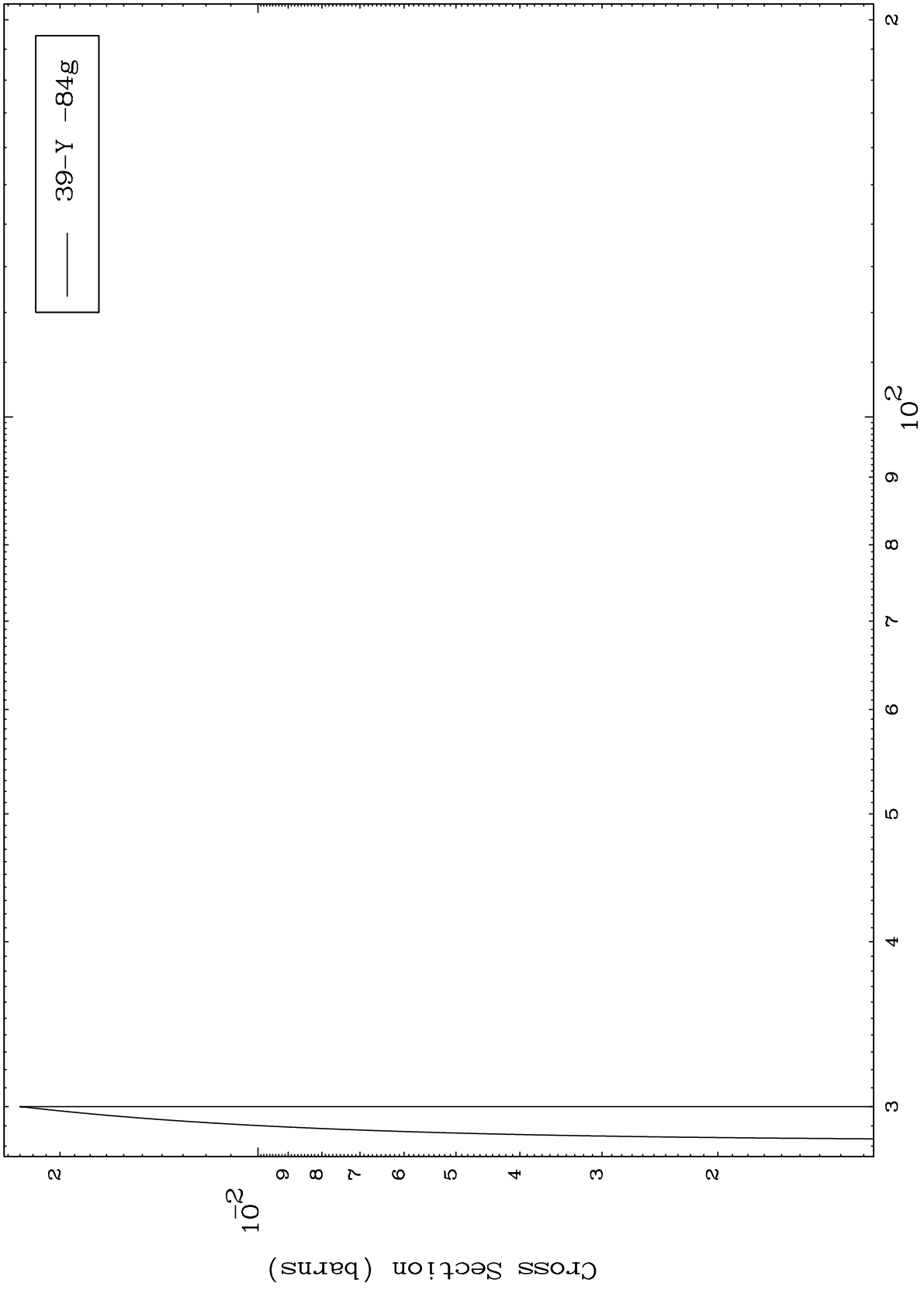
Incident Energy (MeV)

37-Rb-83

MAT 3719

37-Rb-83

($\alpha, 3n$)
Radionuclide Production Cross Section



13

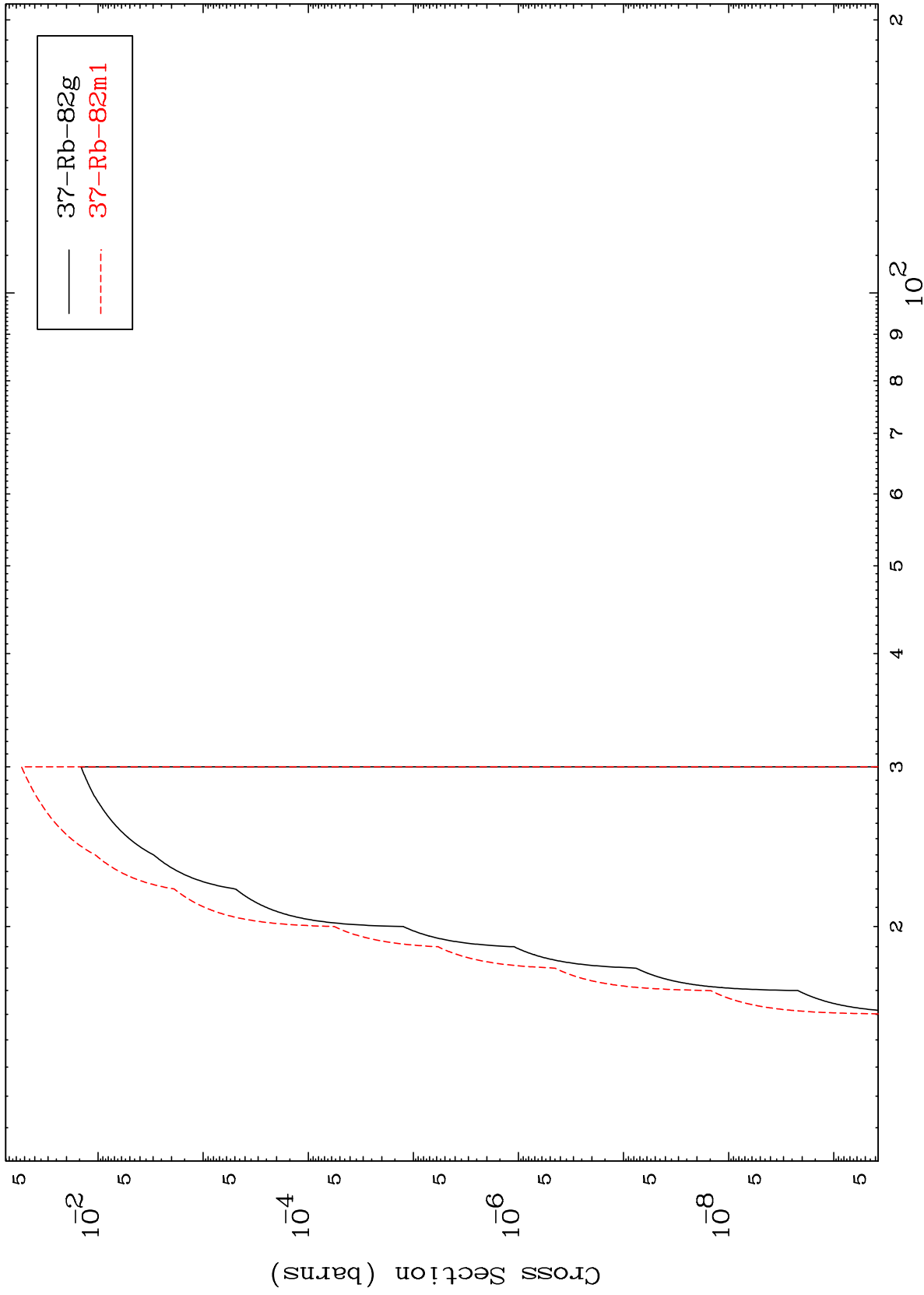
37-Rb-83

MAT 3719

(α, n') α

37-Rb-83

Radionuclide Production Cross Section

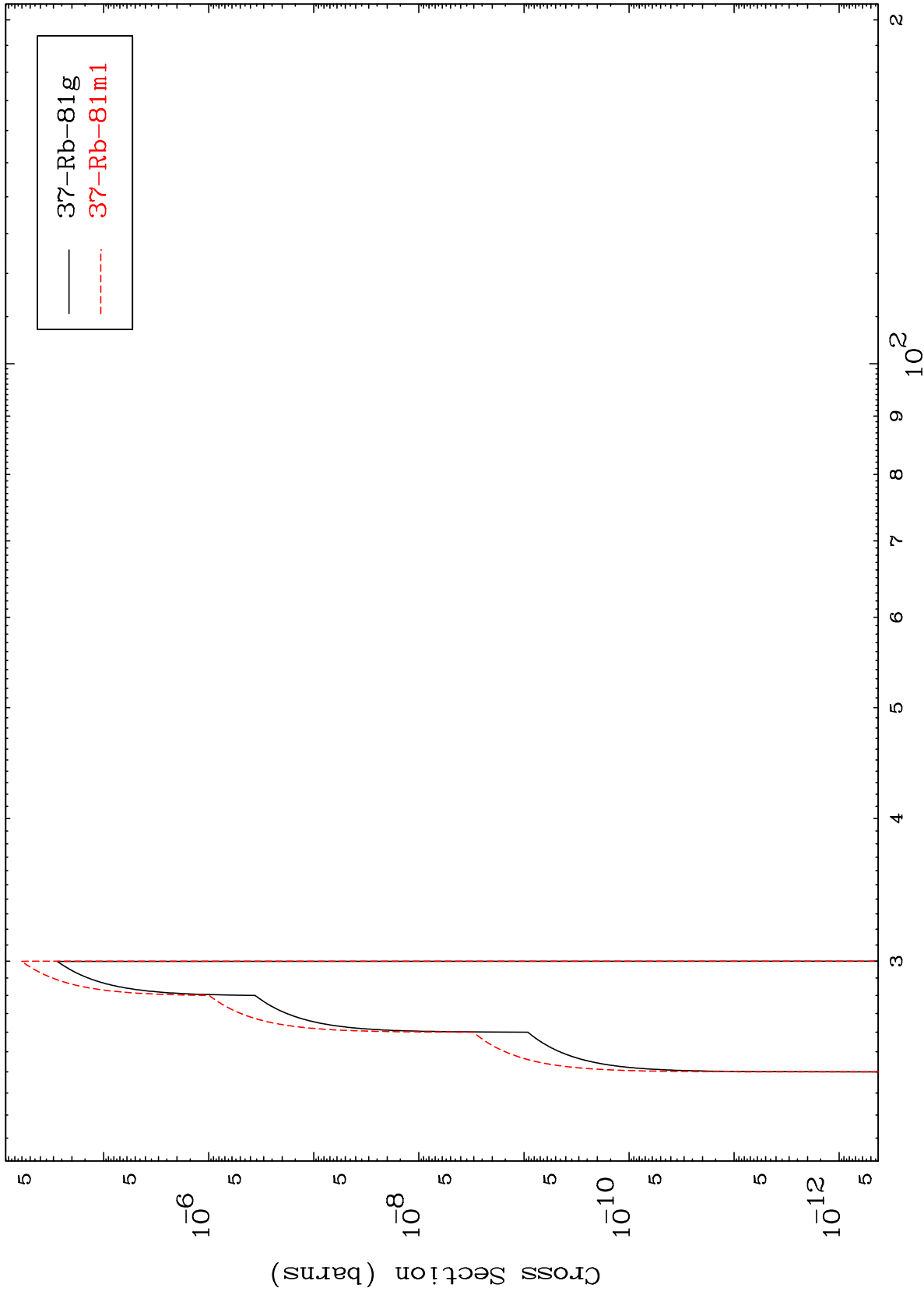


14

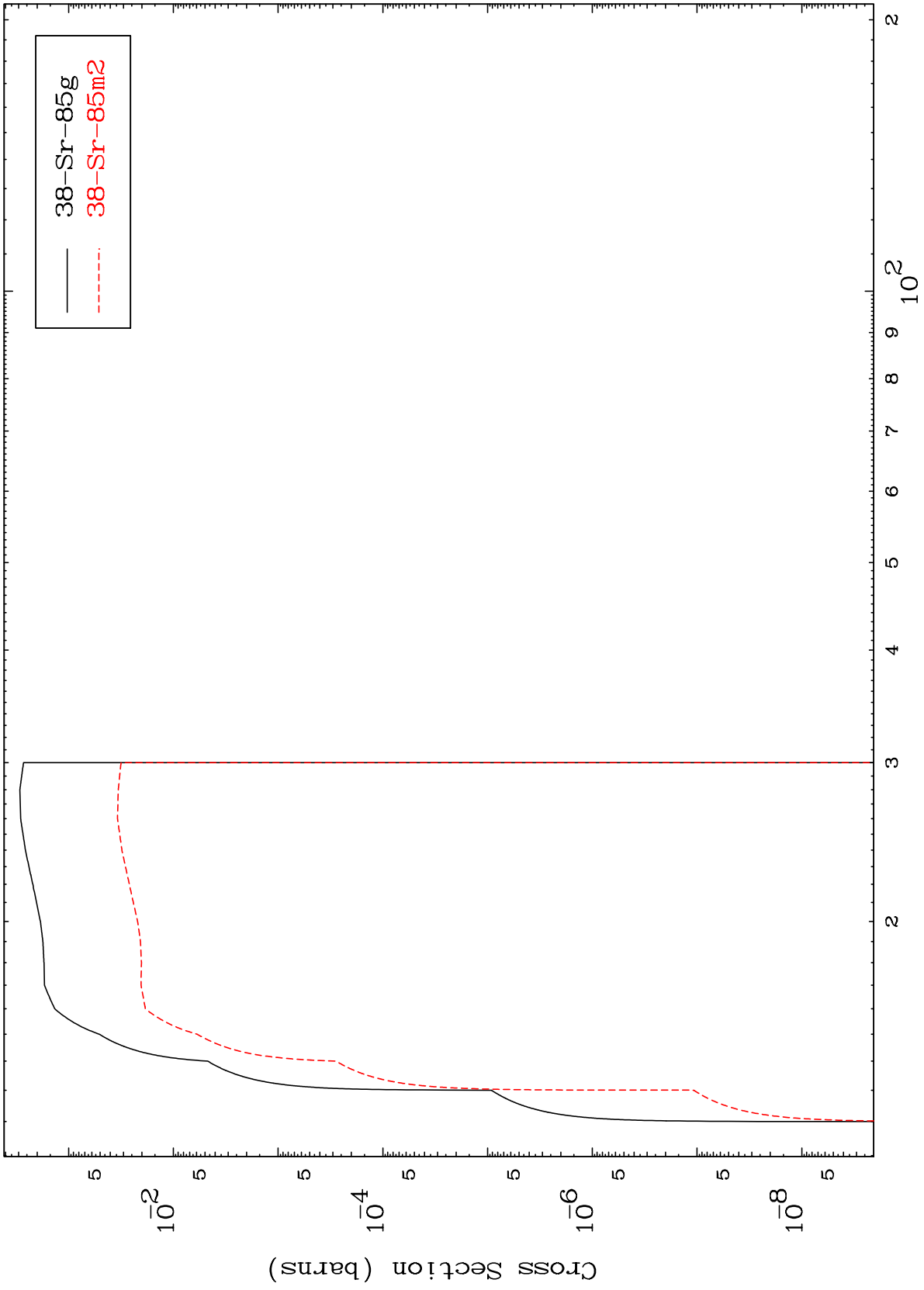
Incident Energy (MeV)

37-Rb-83

Radionuclide Production Cross Section



Radionuclide Production Cross Section

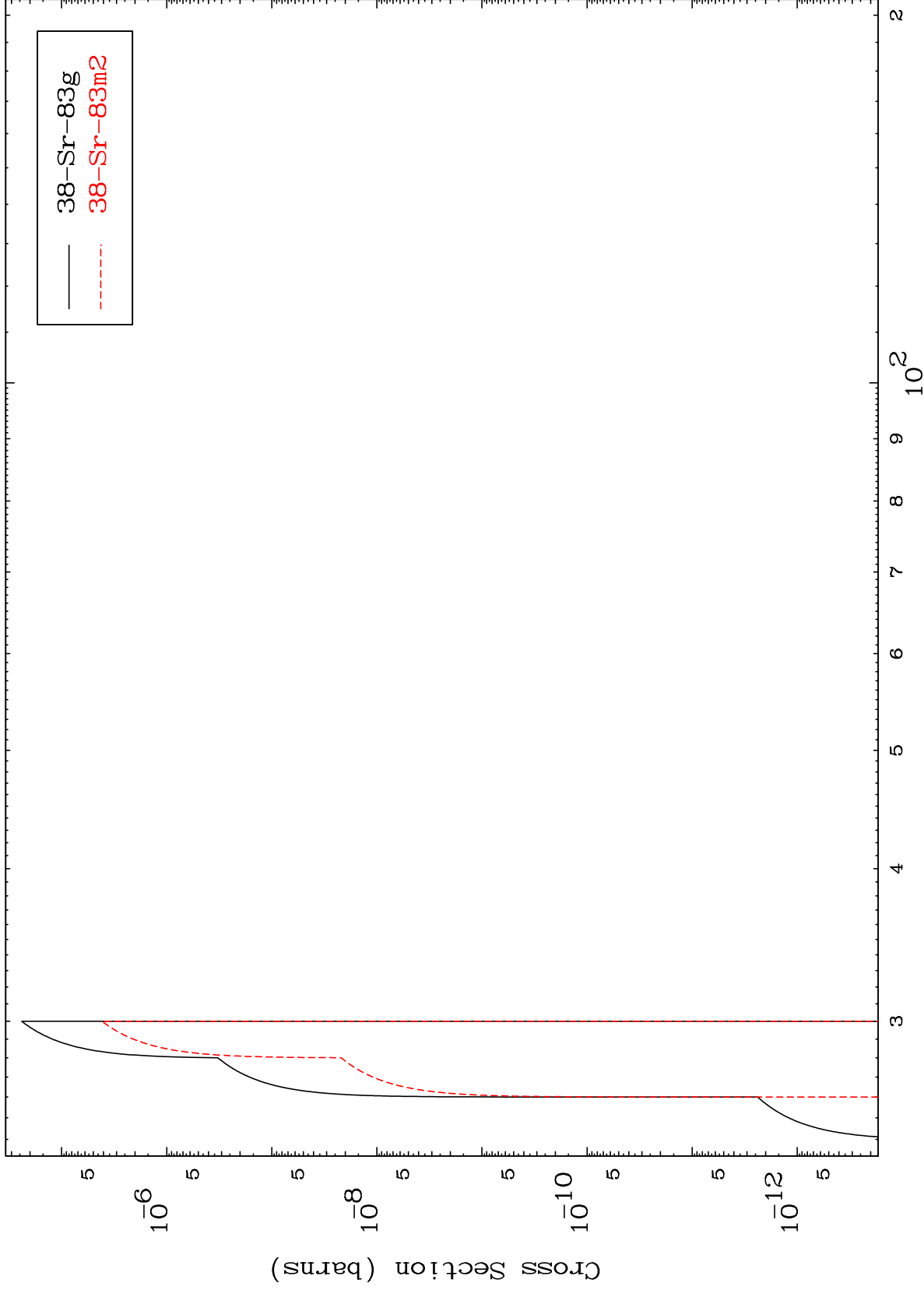


MAT 3719

(α, n') t

37-Rb-83

Radionuclide Production Cross Section



17

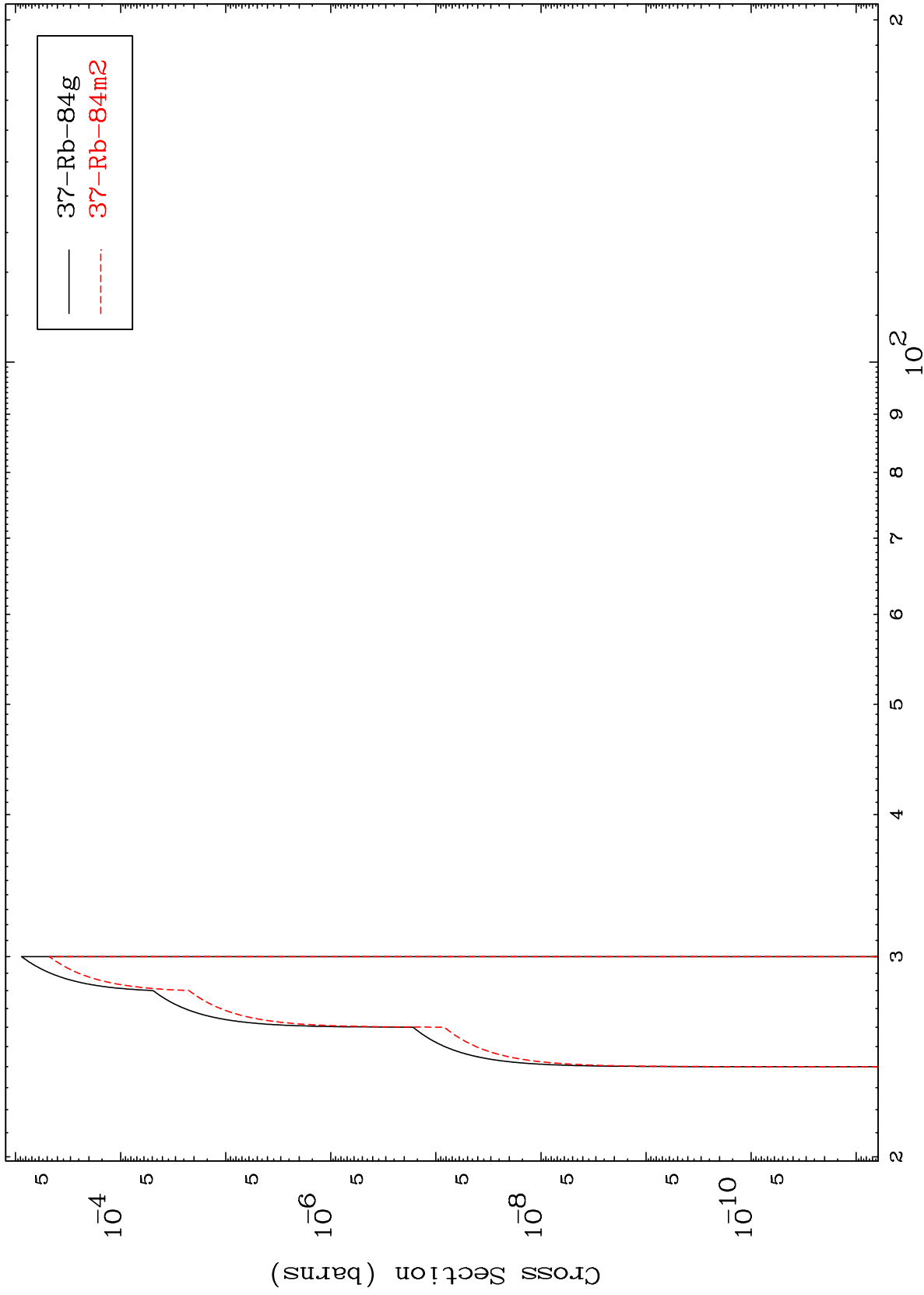
Incident Energy (MeV)

37-Rb-83

MAT 3719

37-Rb-83

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



18

Incident Energy (MeV)

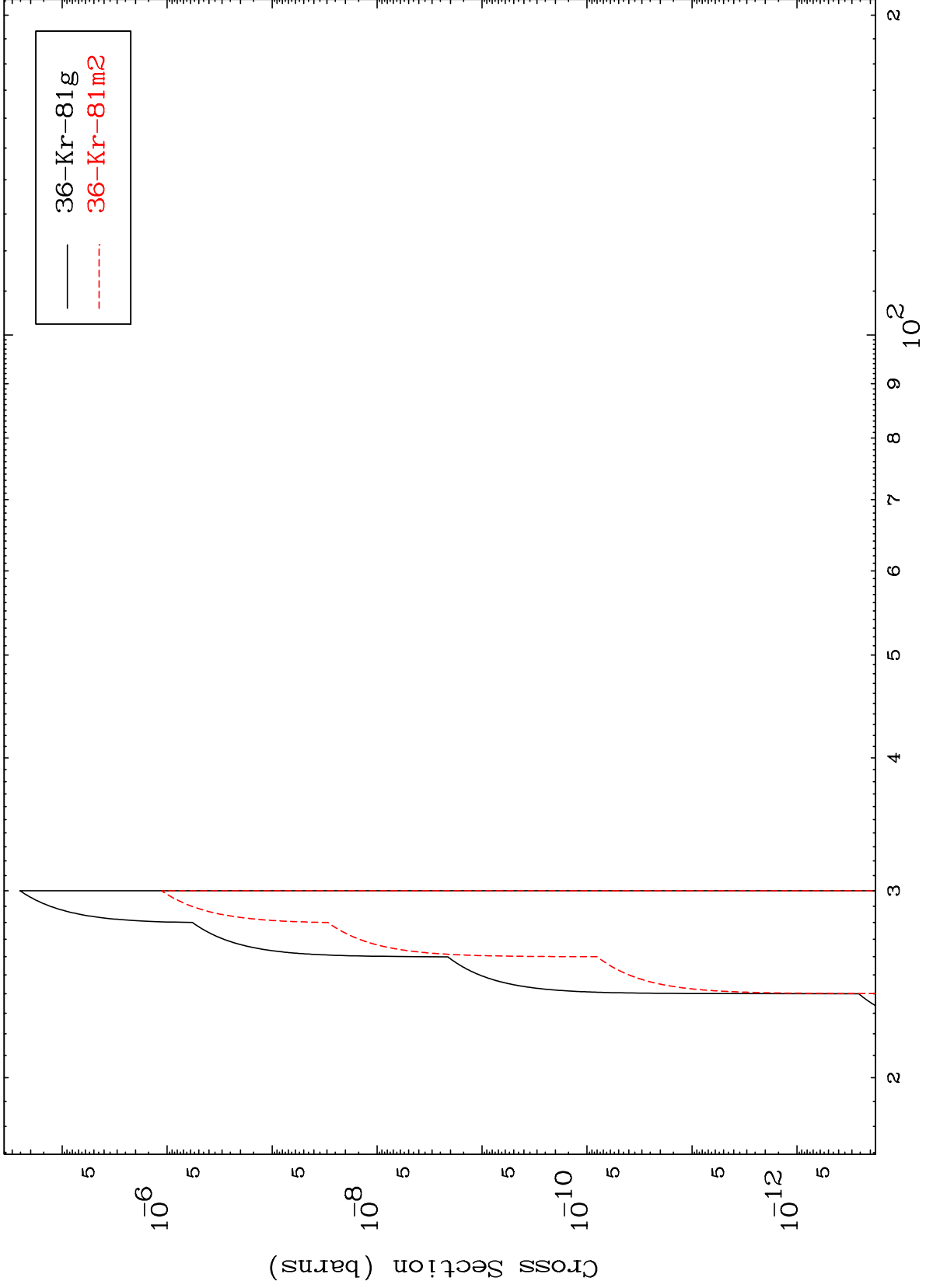
37-Rb-83

MAT 3719

(α, n') p α

37-Rb-83

Radionuclide Production Cross Section



19

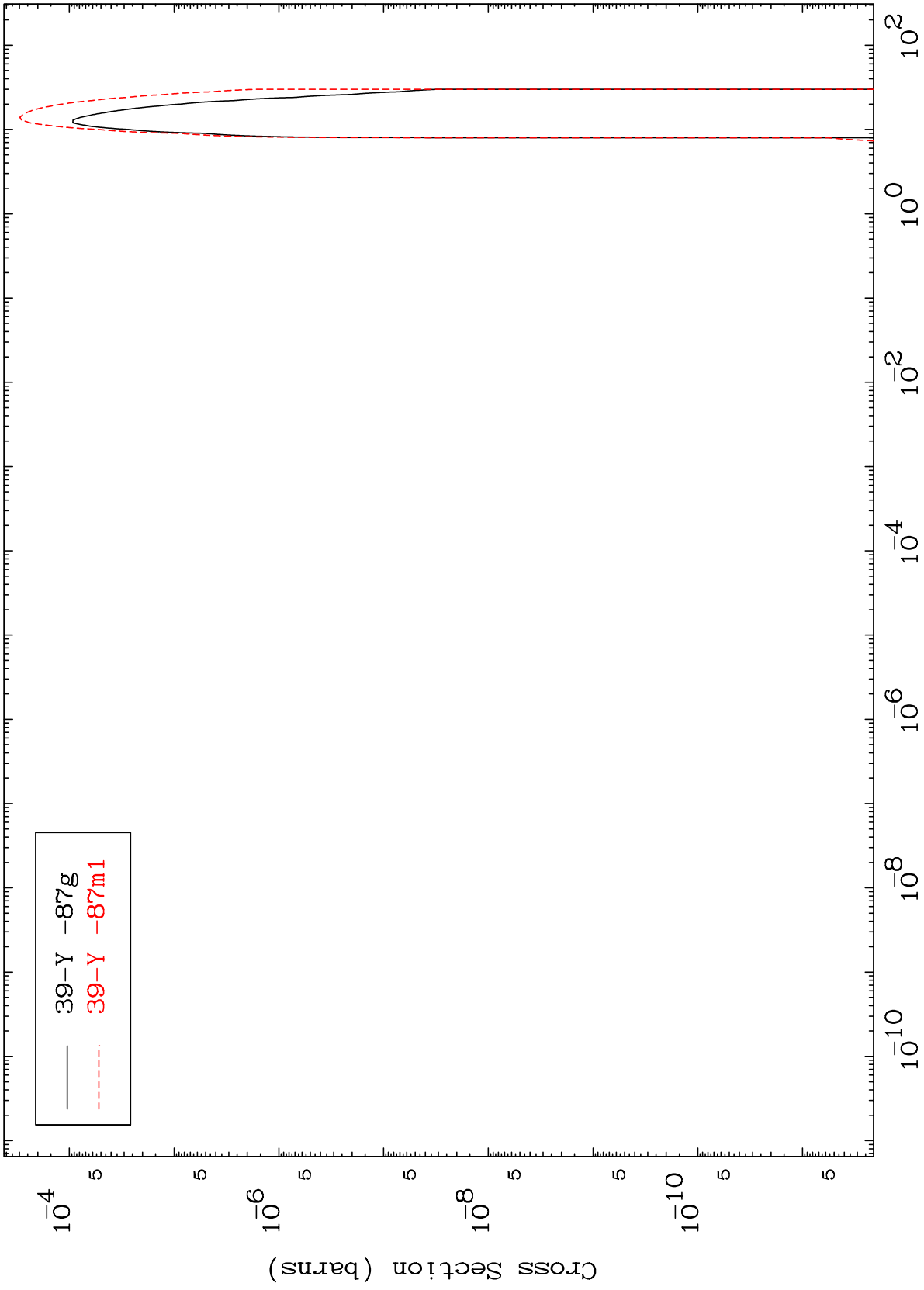
Incident Energy (MeV)

37-Rb-83

MAT 3719

37-Rb-83

(α, γ)
Radionuclide Production Cross Section



20

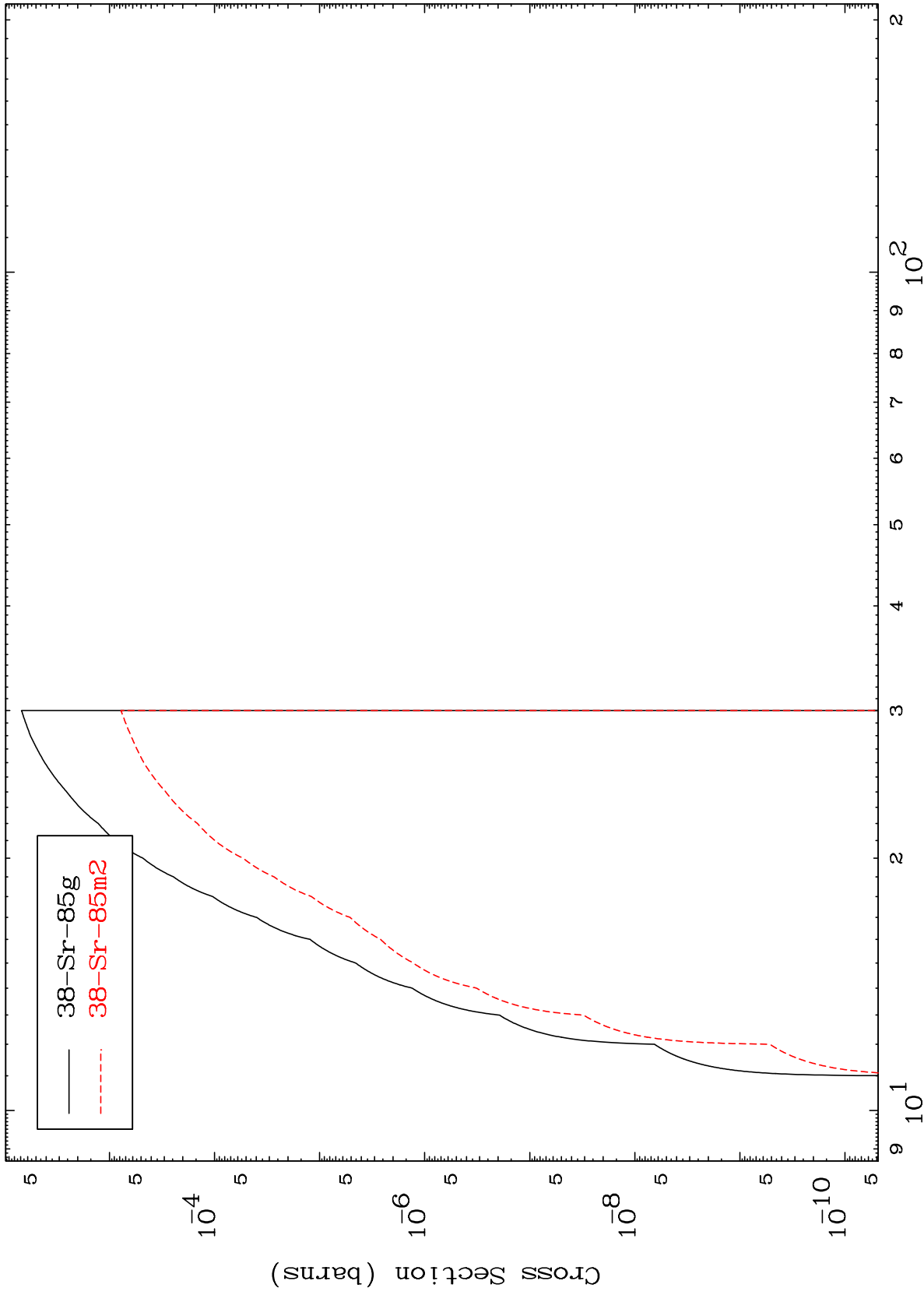
37-Rb-83

MAT 3719

(α, d)

37-Rb-83

Radionuclide Production Cross Section



21

Incident Energy (MeV)

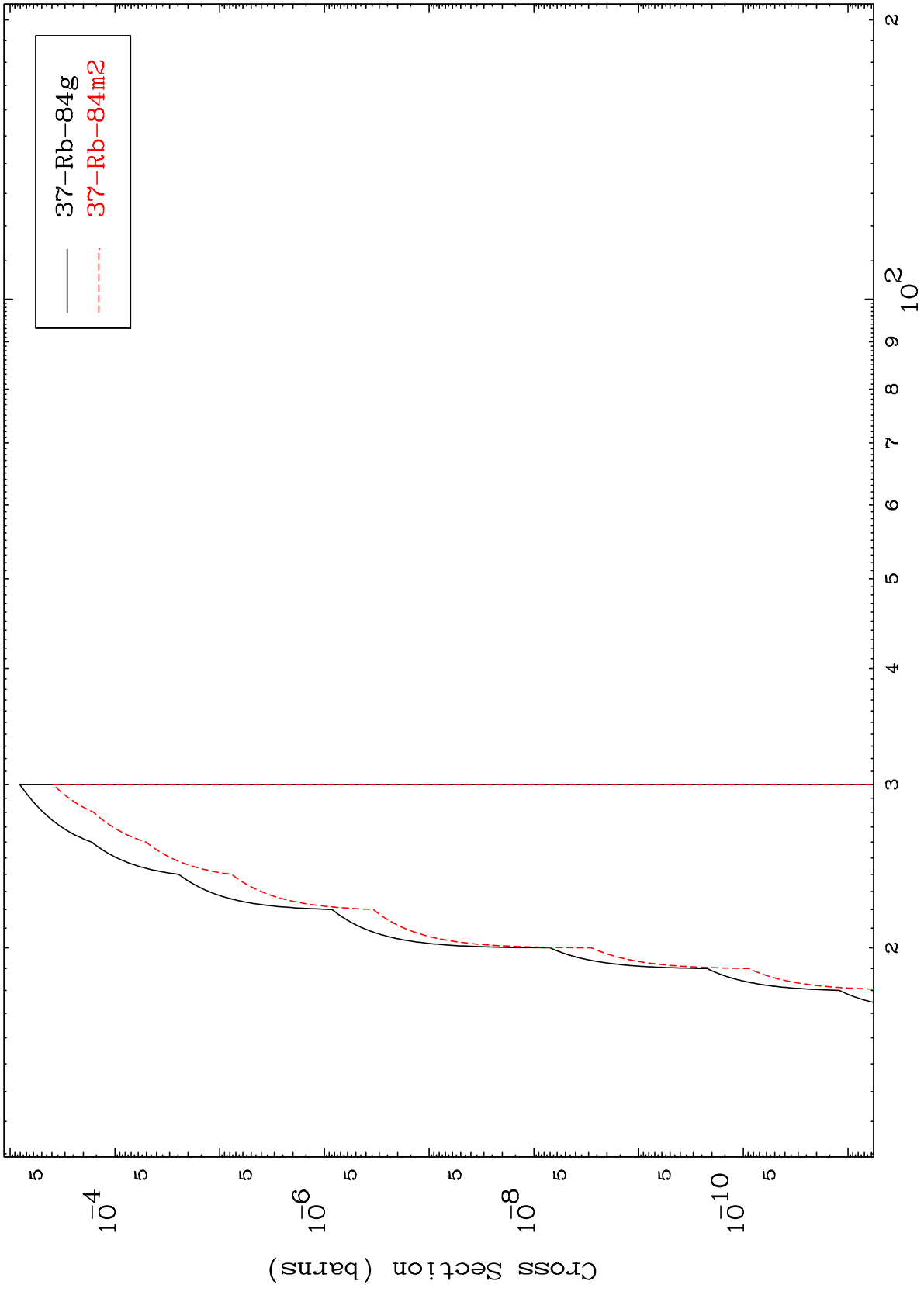
37-Rb-83

MAT 3719

($\alpha, \text{He-3}$)

37-Rb-83

Radionuclide Production Cross Section



22

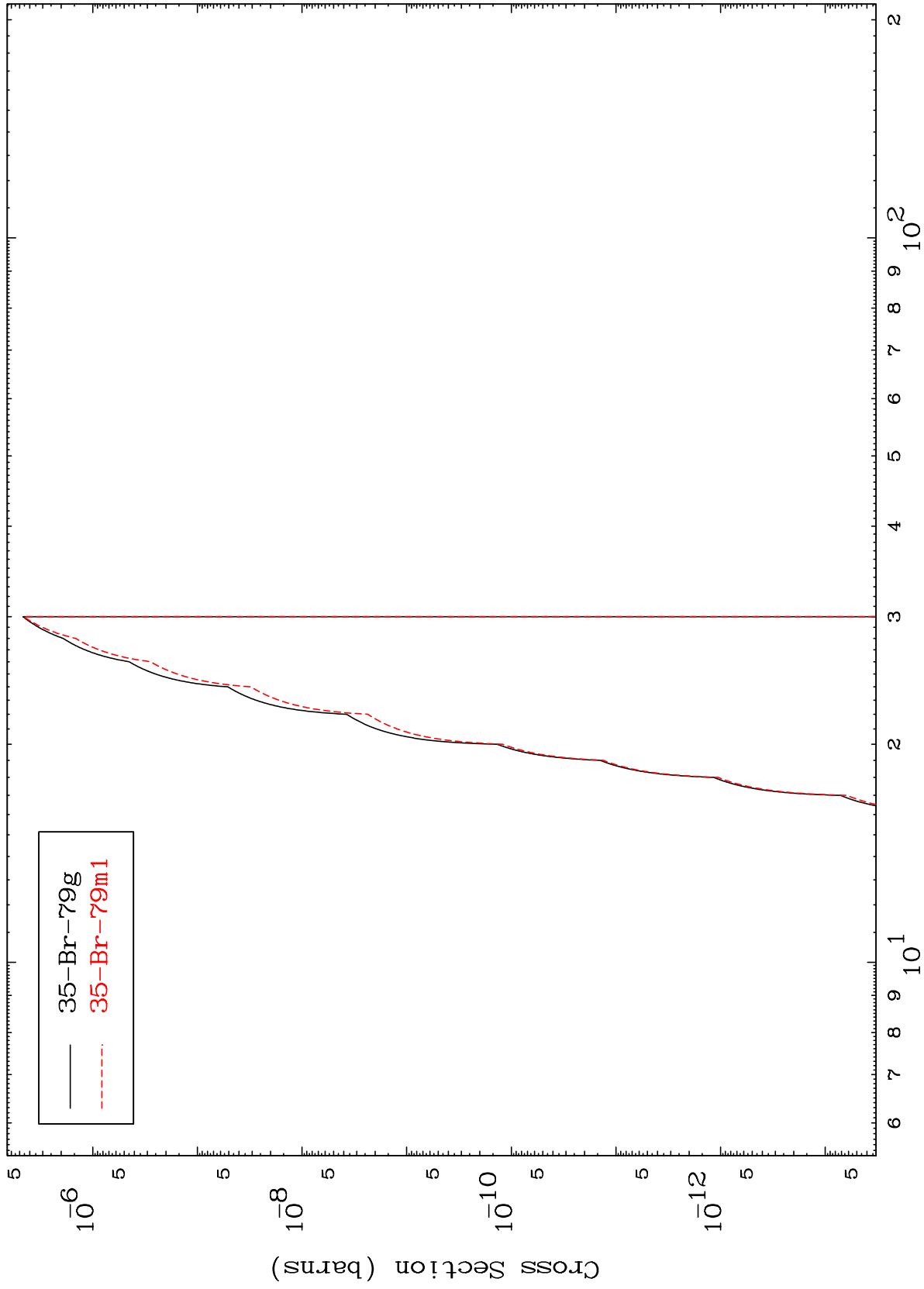
Incident Energy (MeV)

37-Rb-83

MAT 3719

37-Rb-83

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



23

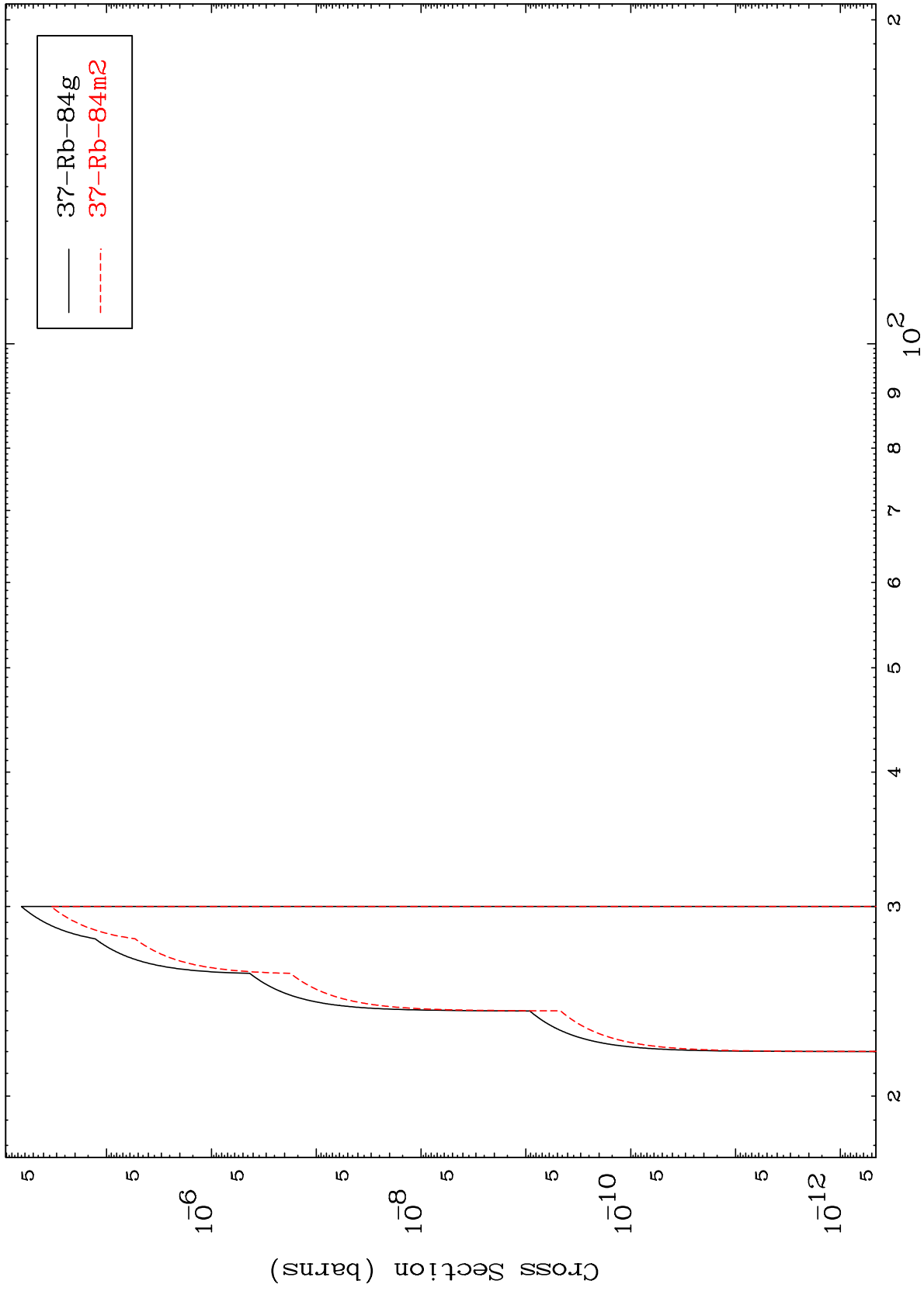
37-Rb-83

MAT 3719

(α, p) d

37-Rb-83

Radionuclide Production Cross Section



24

Incident Energy (MeV)

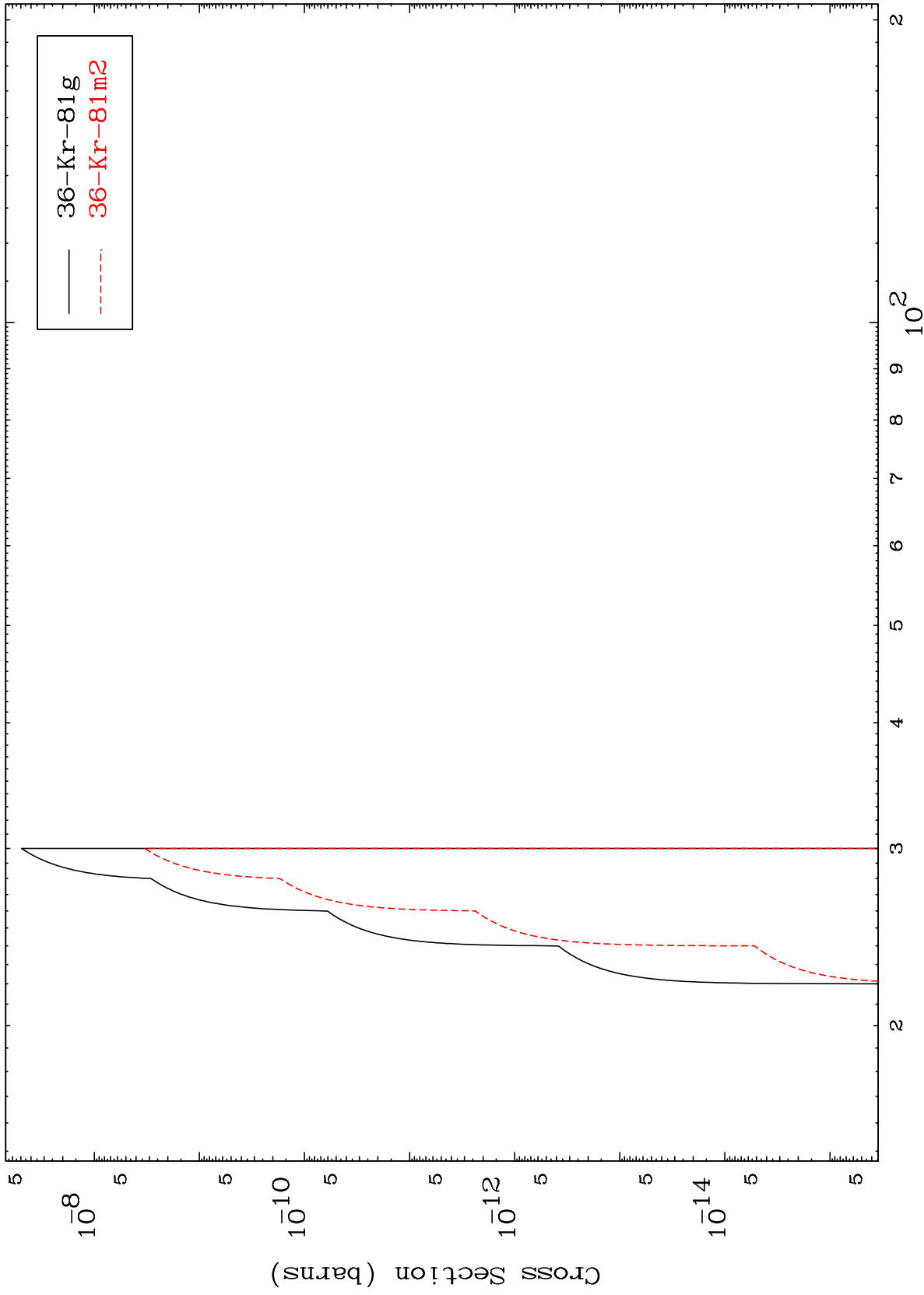
37-Rb-83

MAT 3719

(α, d) α

37-Rb-83

Radionuclide Production Cross Section



25

Incident Energy (MeV)

37-Rb-83