

Program EVALPLOT
(Version 2018-1)

by

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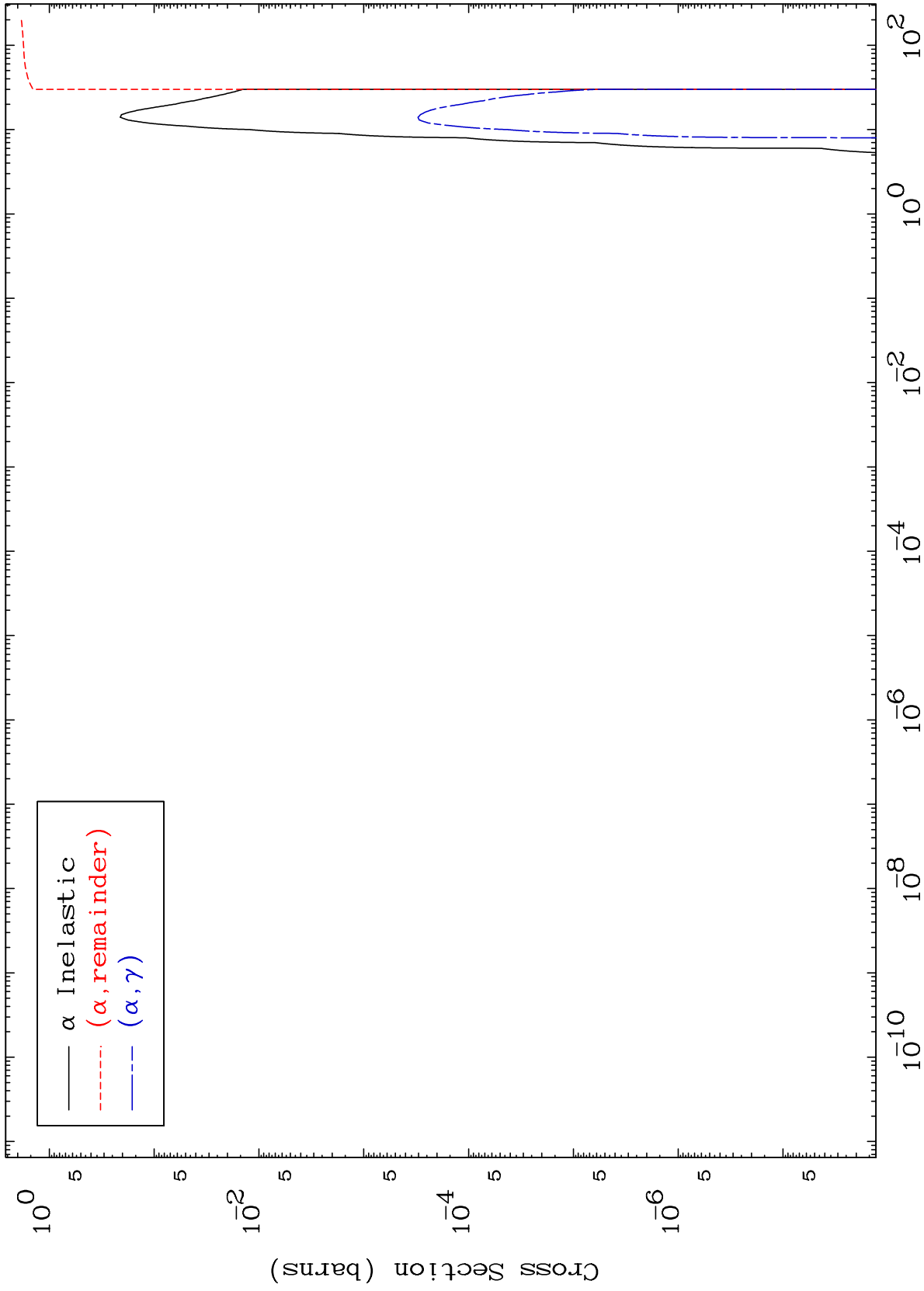
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3716

0 Kelvin α Major
Cross Sections

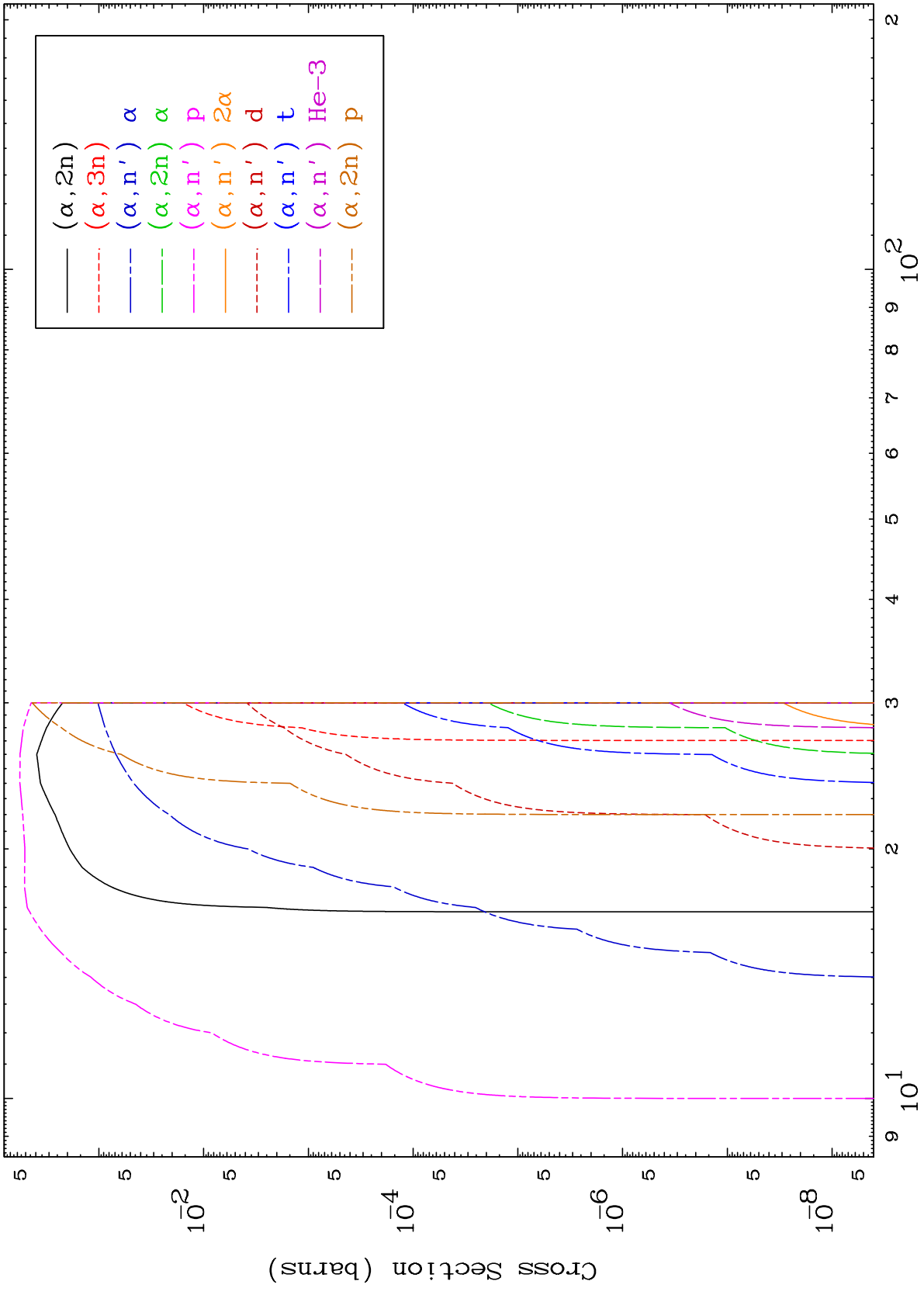
37-Rb-82



MAT 3716

α Neutron Production
0 Kelvin Cross Sections

37-Rb-82



2

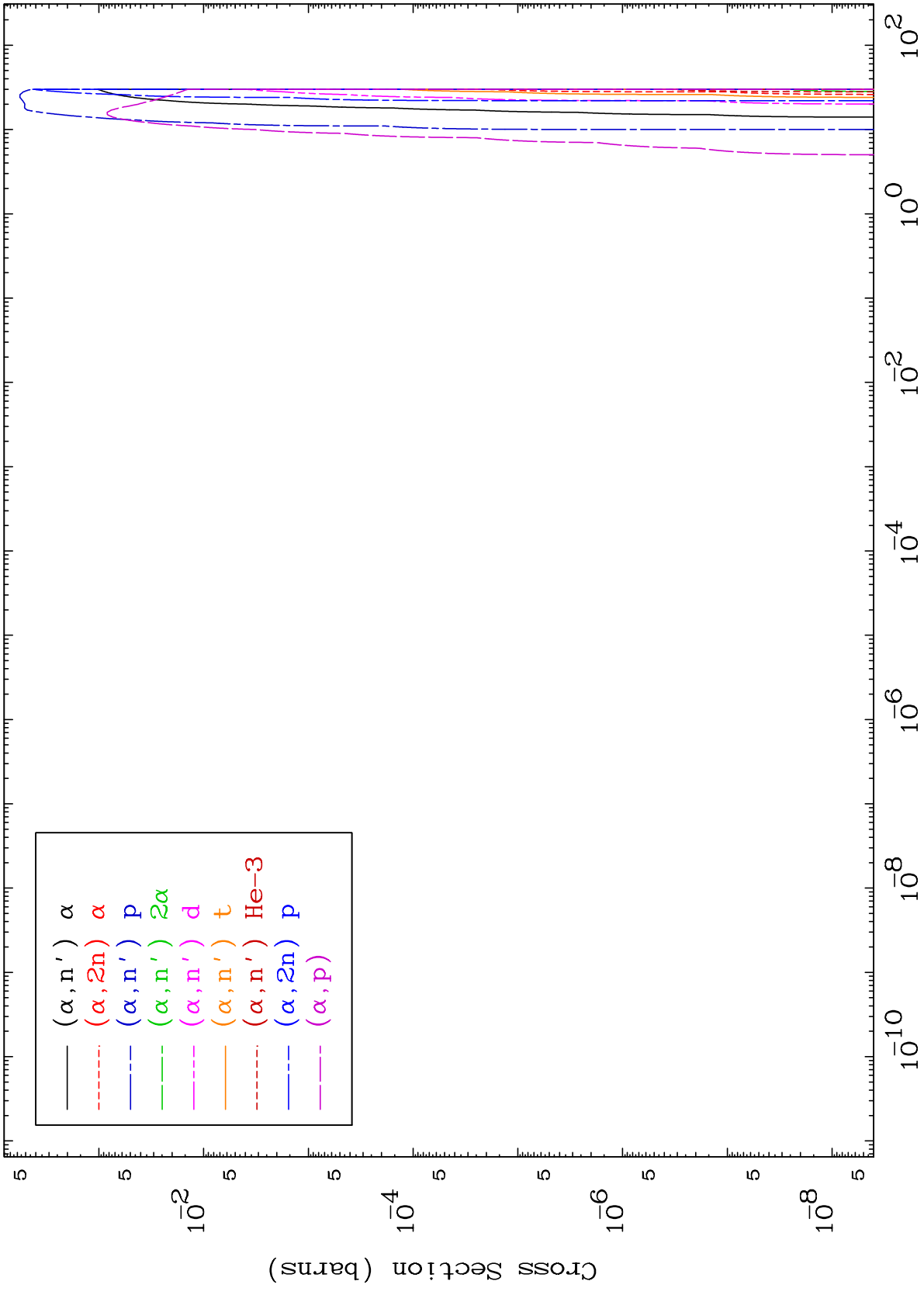
Incident Energy (MeV)

37-Rb-82

MAT 3716

α Charged Particle
0 Kelvin Cross Sections

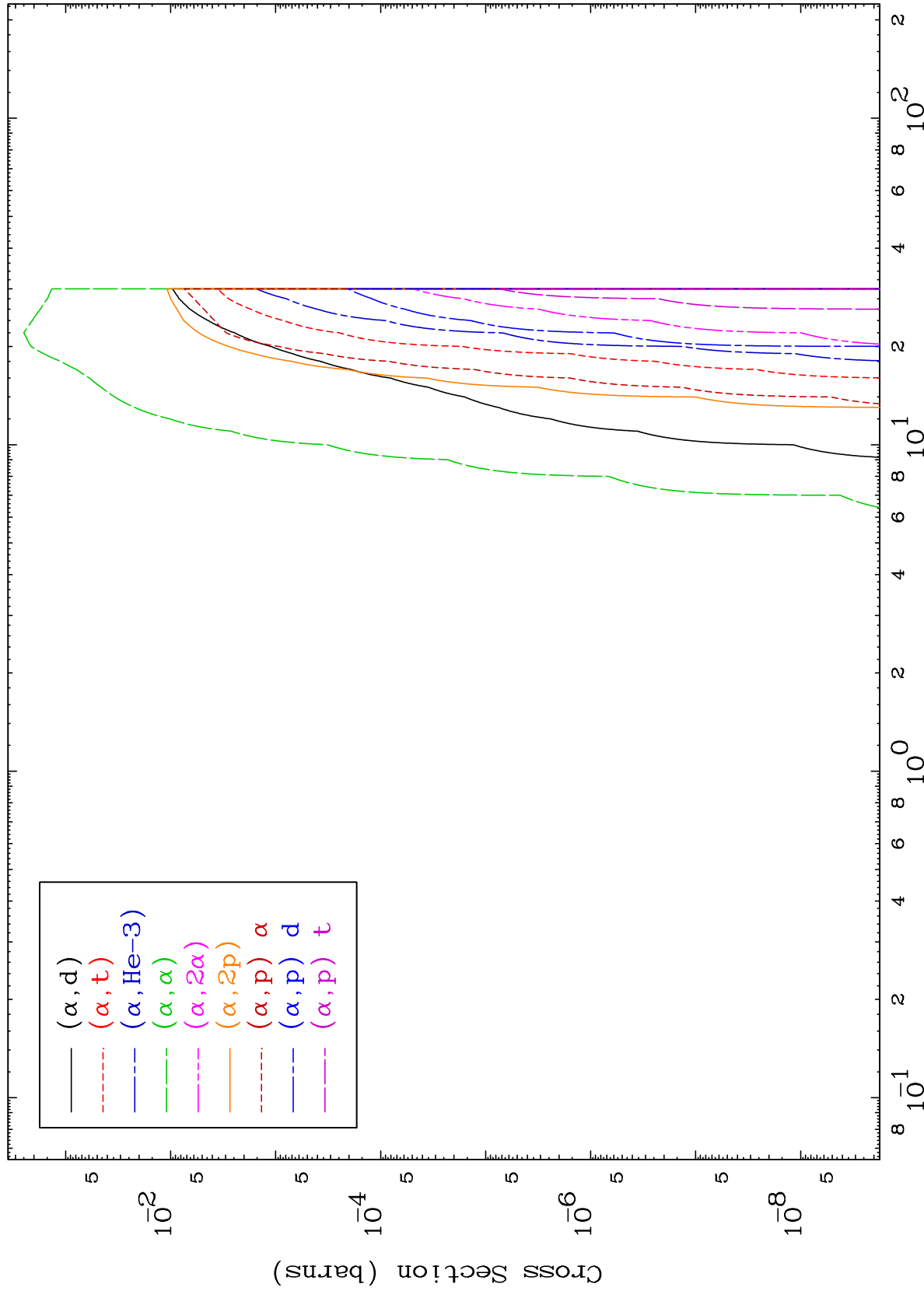
37-Rb-82

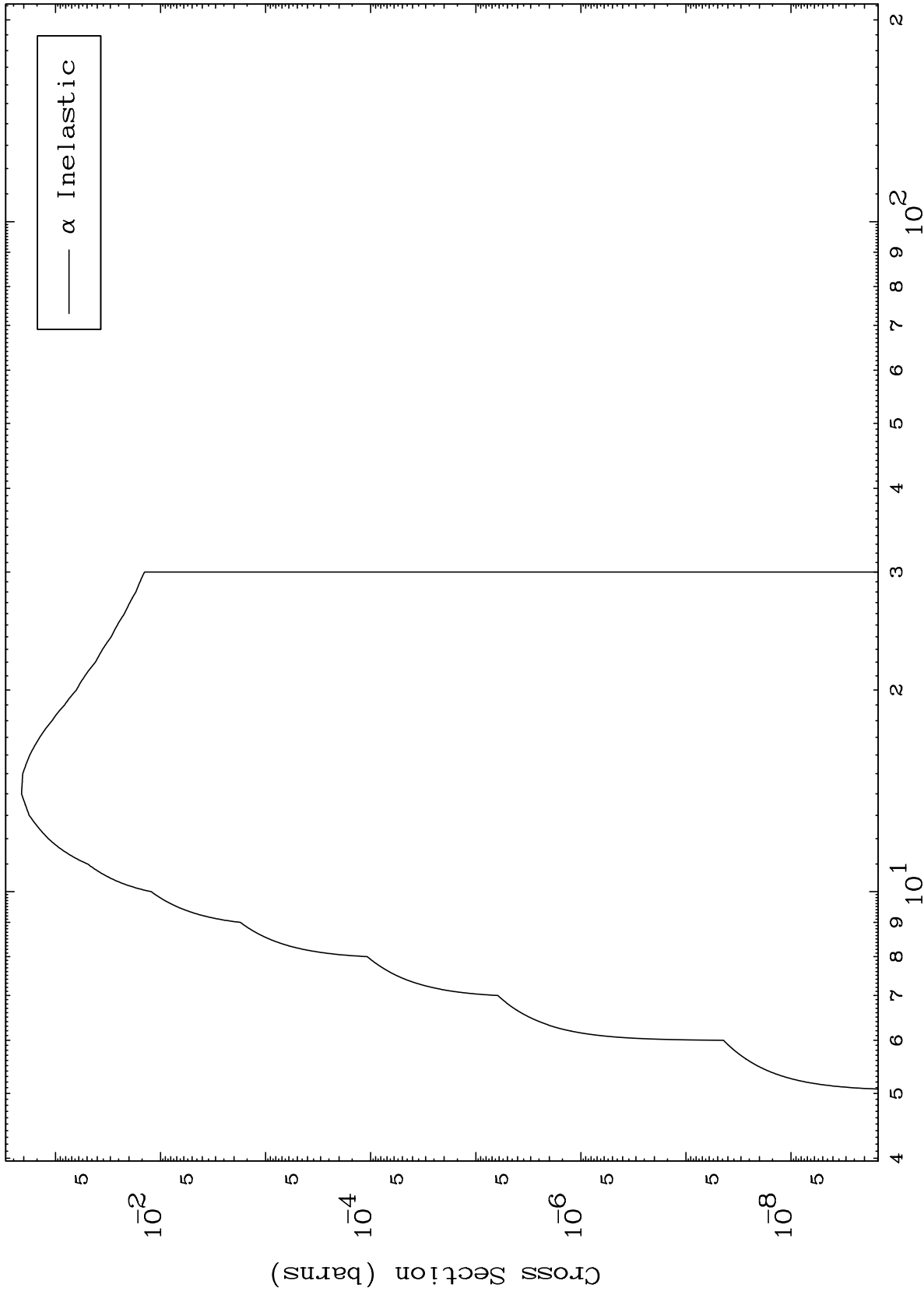


3

Incident Energy (MeV)

37-Rb-82

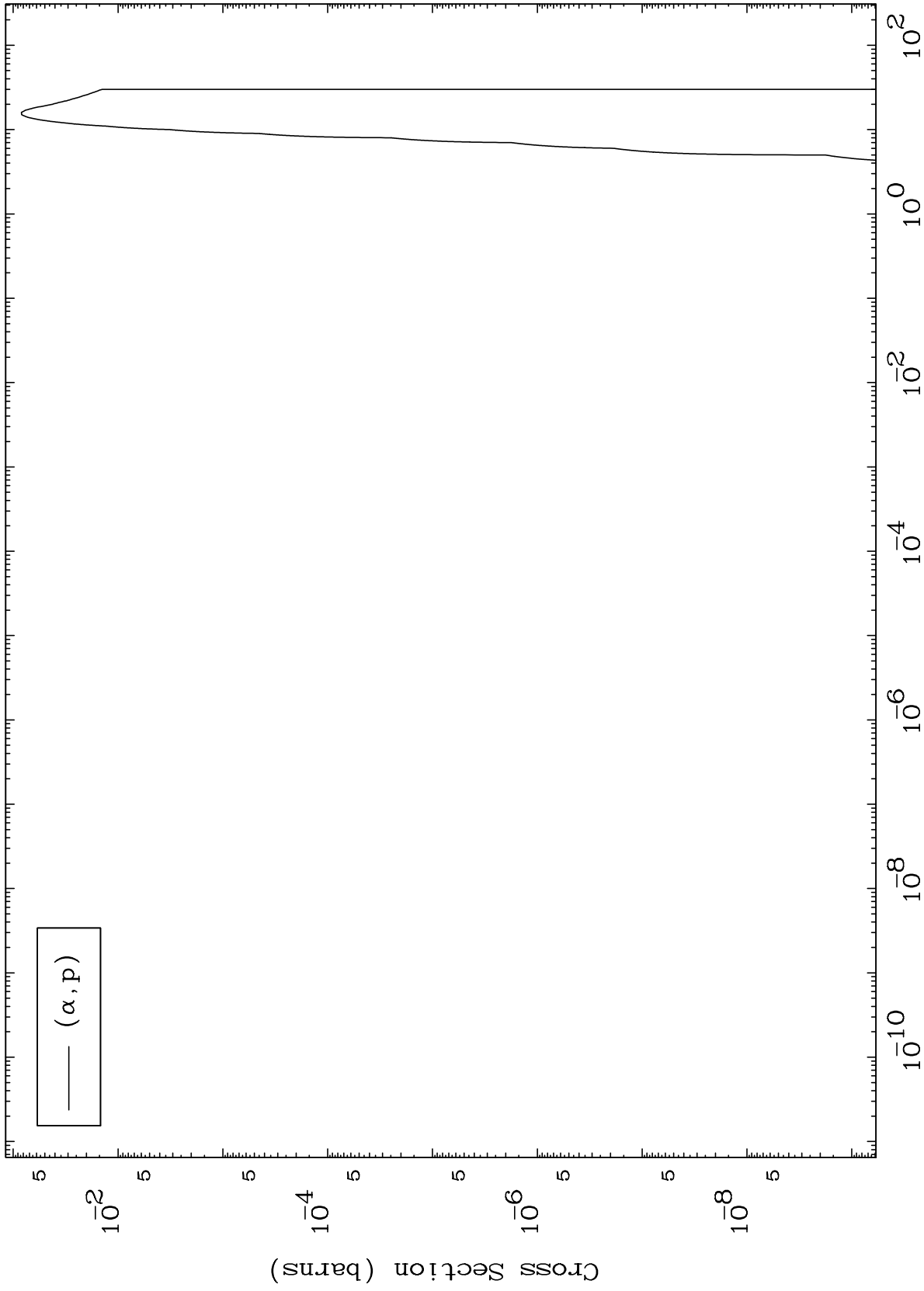




MAT 3716

(α, p) Levels
0 Kelvin Cross Sections

37-Rb-82



6

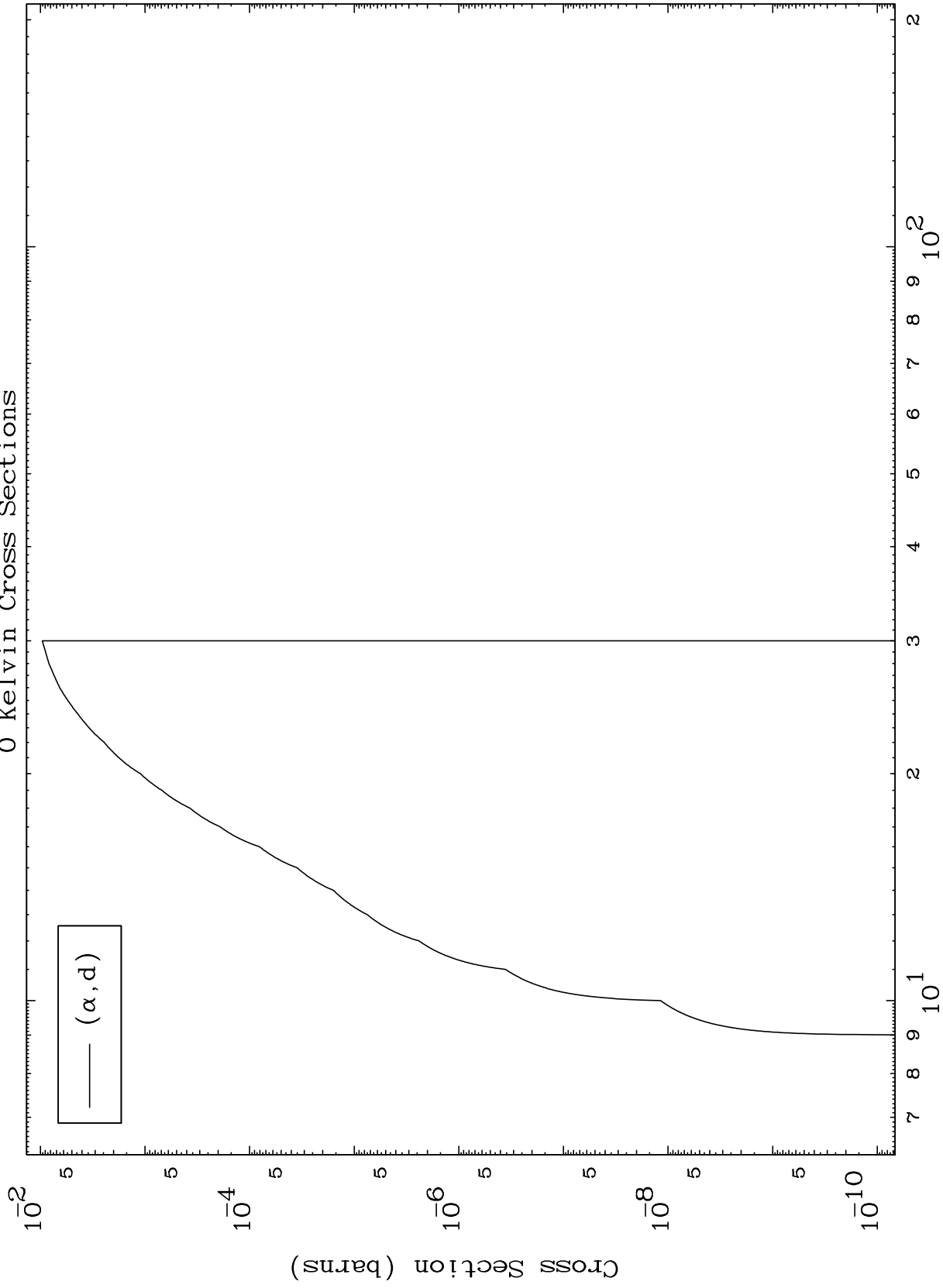
Incident Energy (MeV)

37-Rb-82

MAT 3716

(α, d) Levels
0 Kelvin Cross Sections

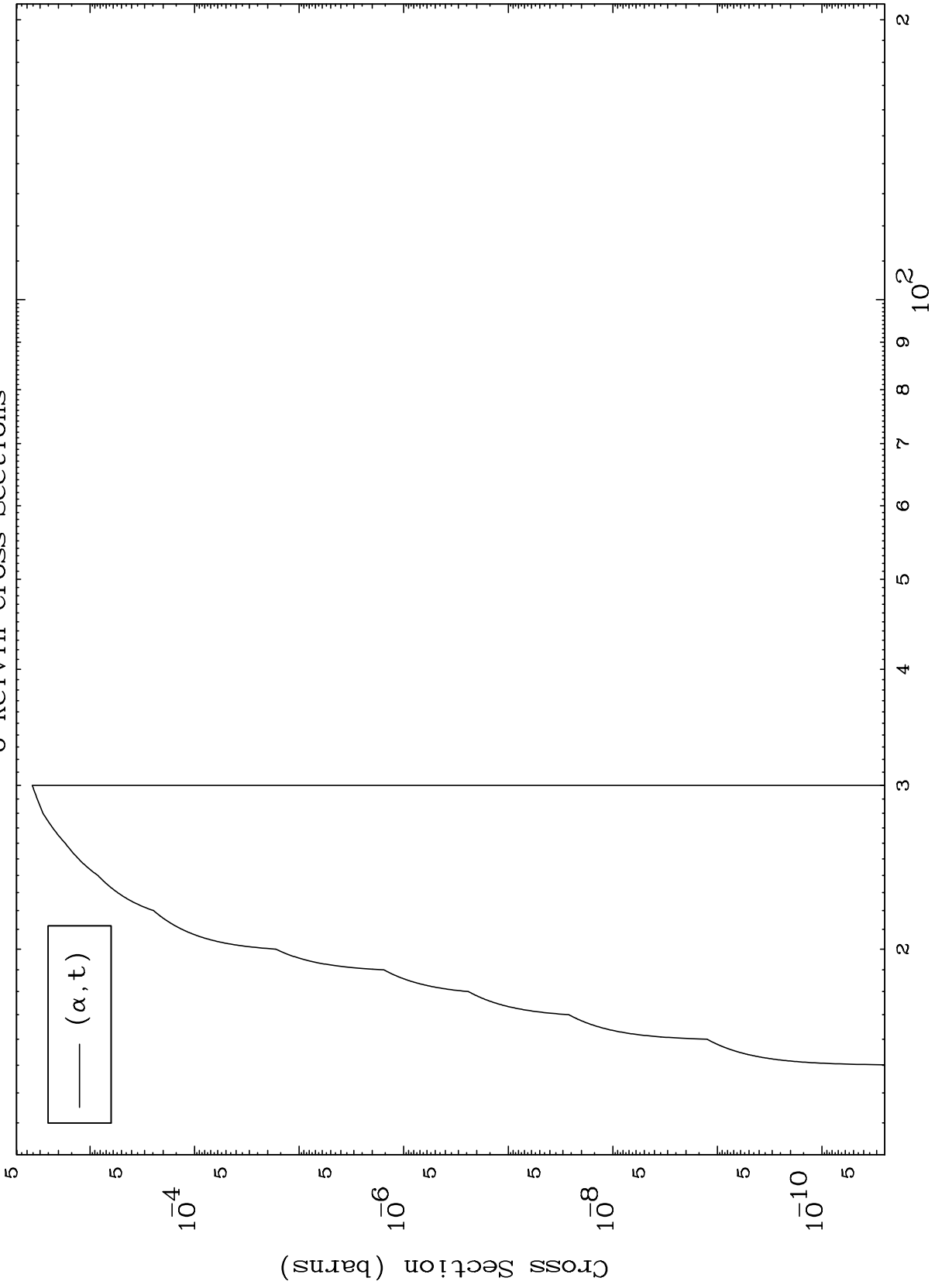
37-Rb-82



7

Incident Energy (MeV)

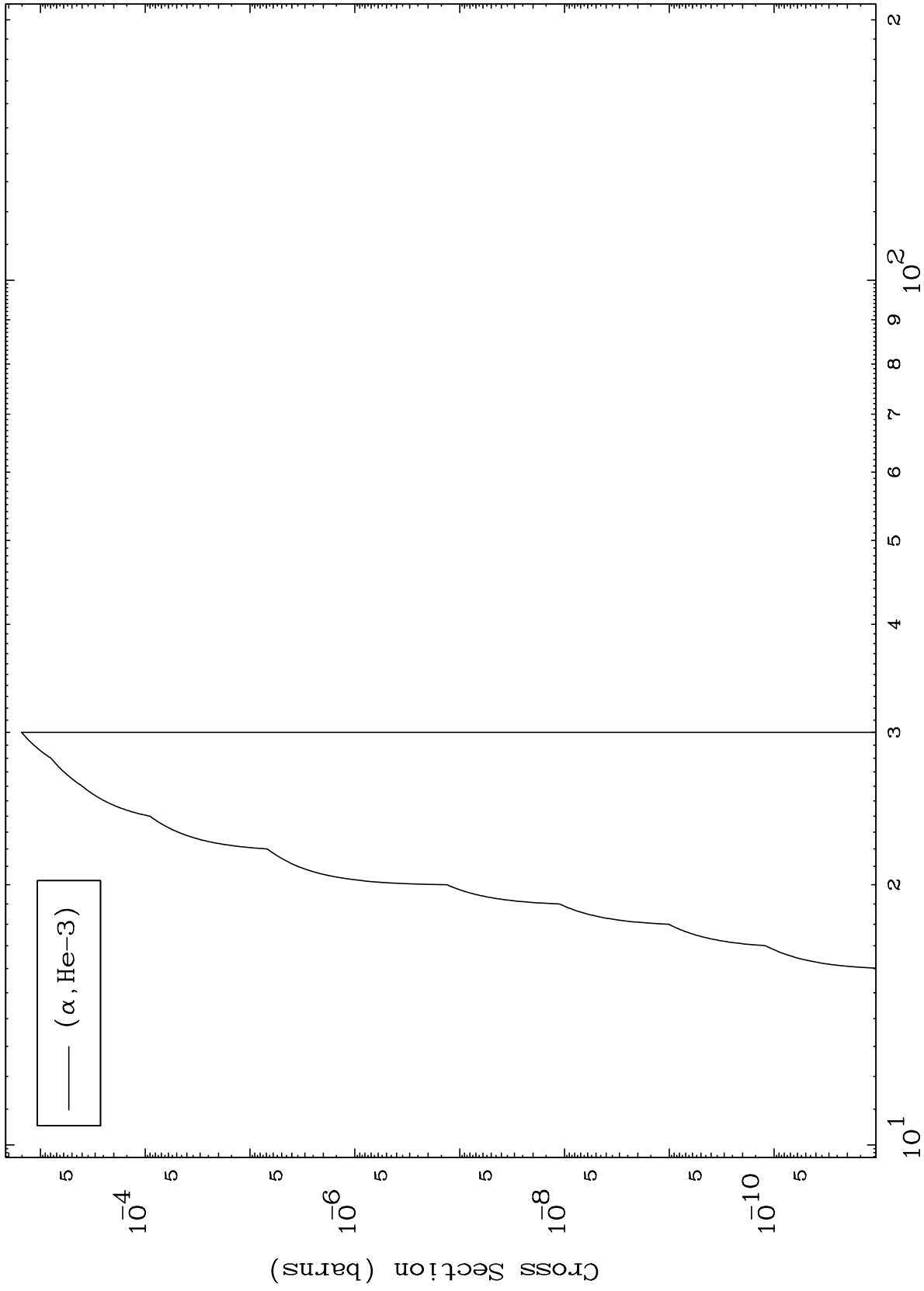
37-Rb-82



MAT 3716

(α ,He3) Levels
0 Kelvin Cross Sections

37-Rb-82



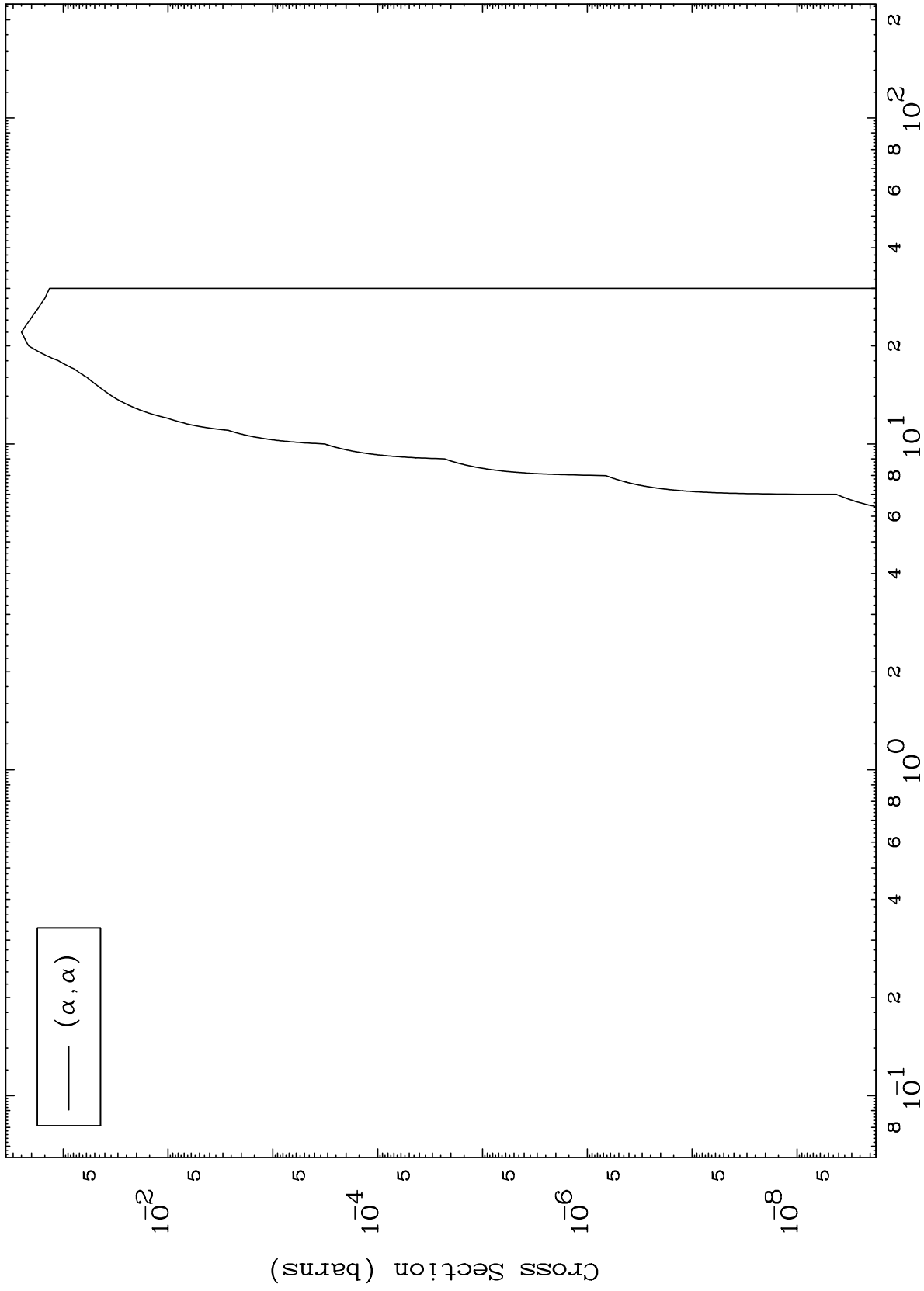
Incident Energy (MeV)

37-Rb-82

MAT 3716

(α, α) Levels
0 Kelvin Cross Sections

37-Rb-82



10

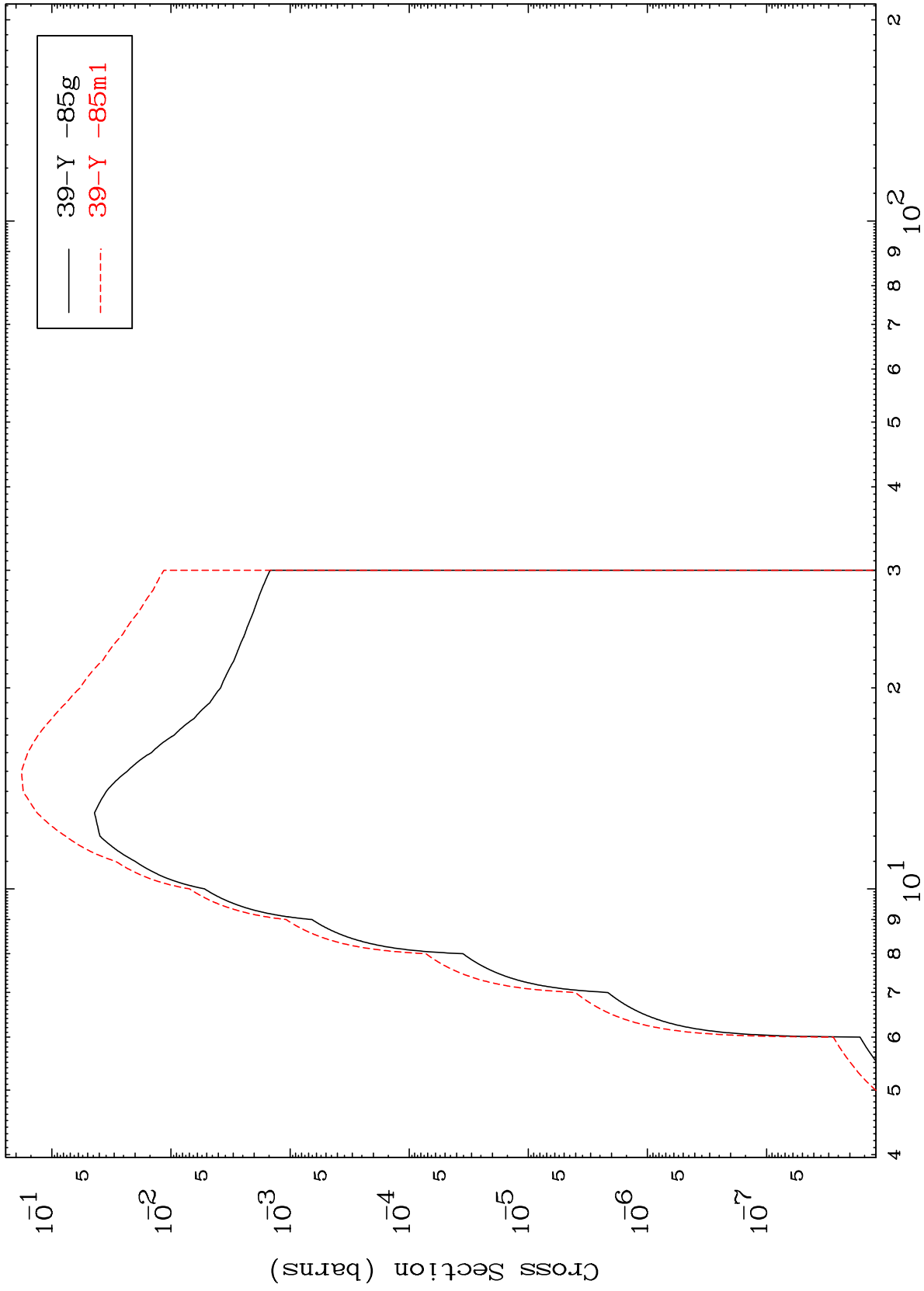
Incident Energy (MeV)

37-Rb-82

MAT 3716

37-Rb-82

α Inelastic
Radionuclide Production Cross Section



11

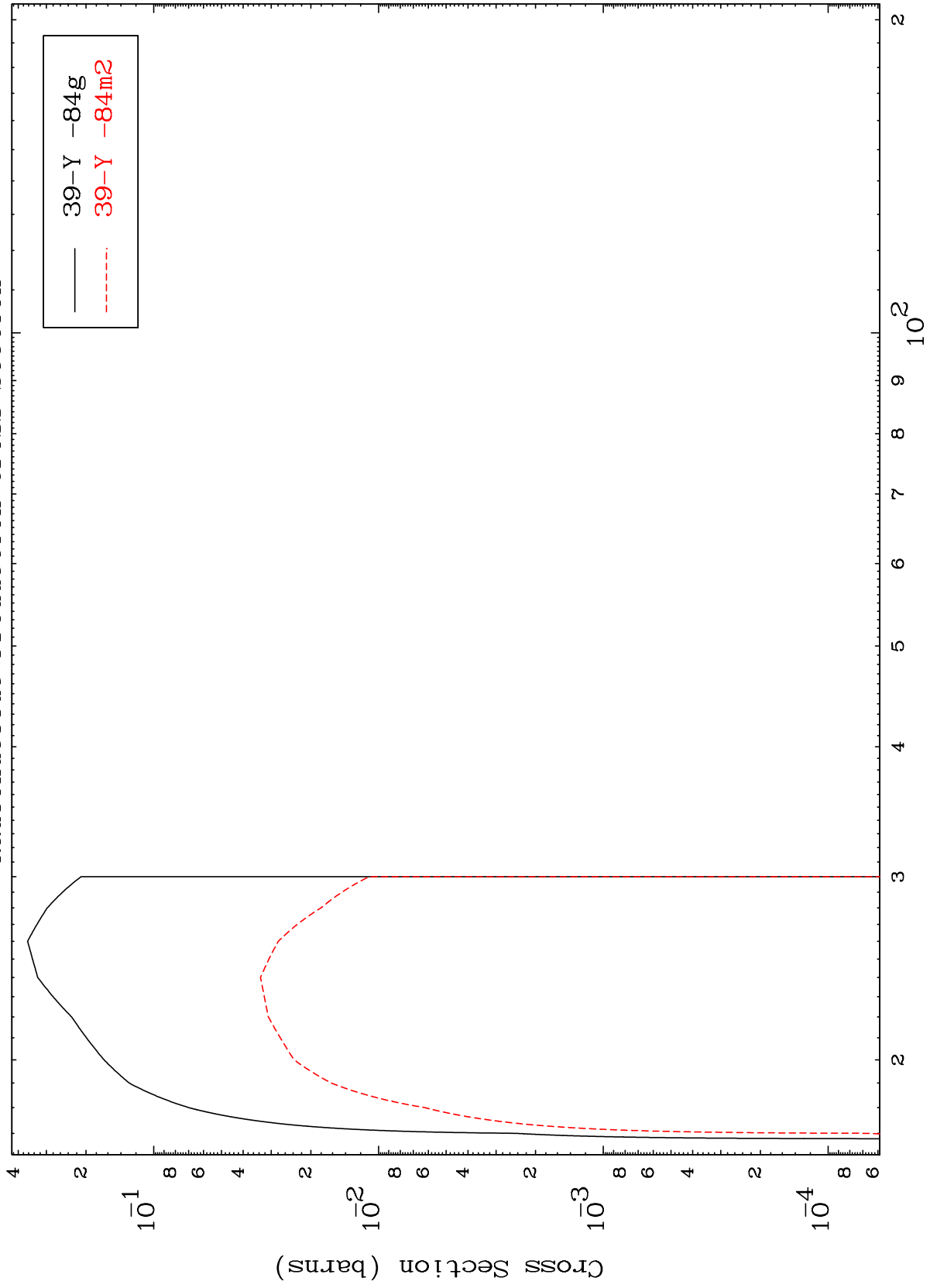
Incident Energy (MeV)

37-Rb-82

MAT 3716

37-Rb-82

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



12

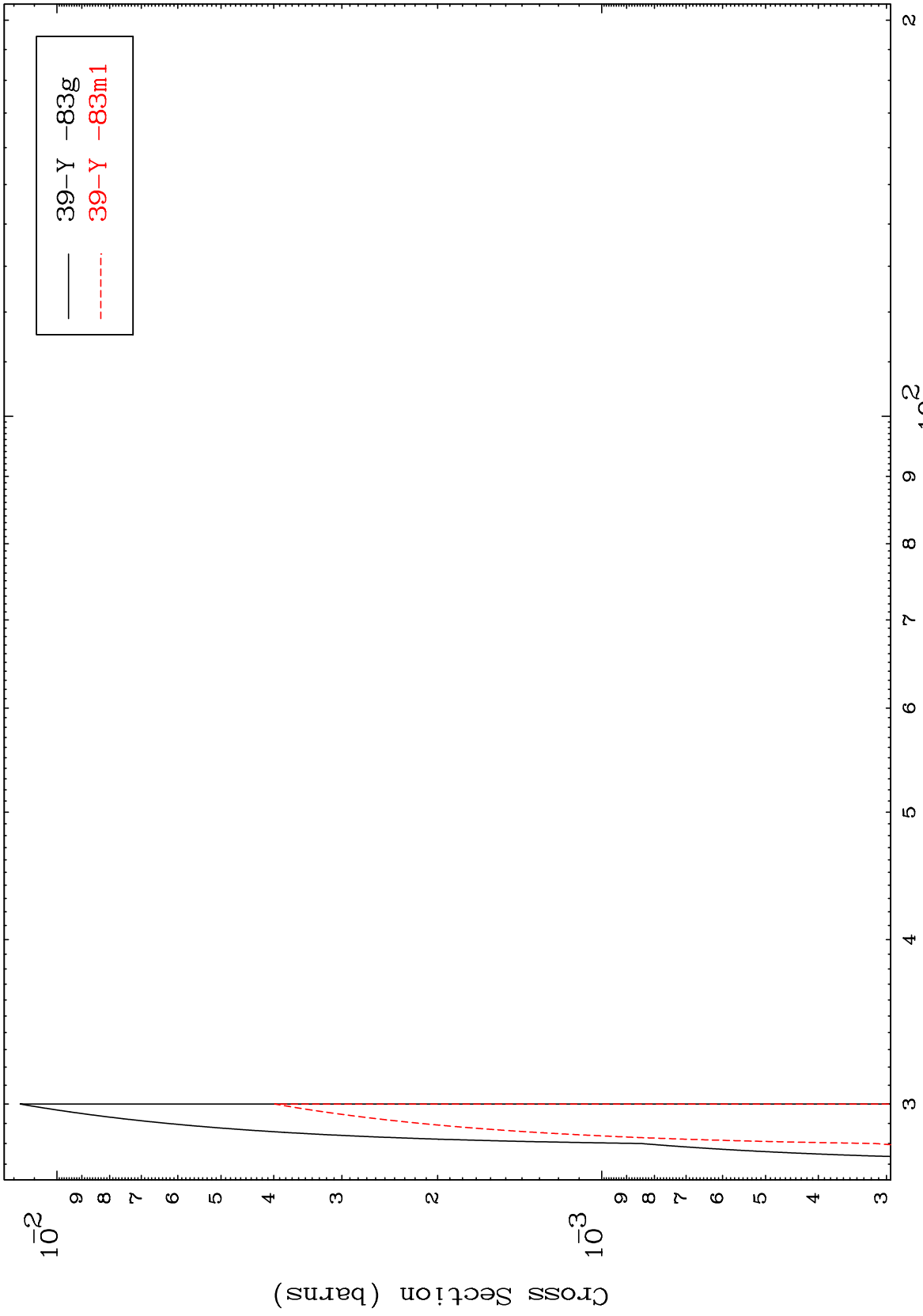
Incident Energy (MeV)

37-Rb-82

MAT 3716

37-Rb-82

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



13

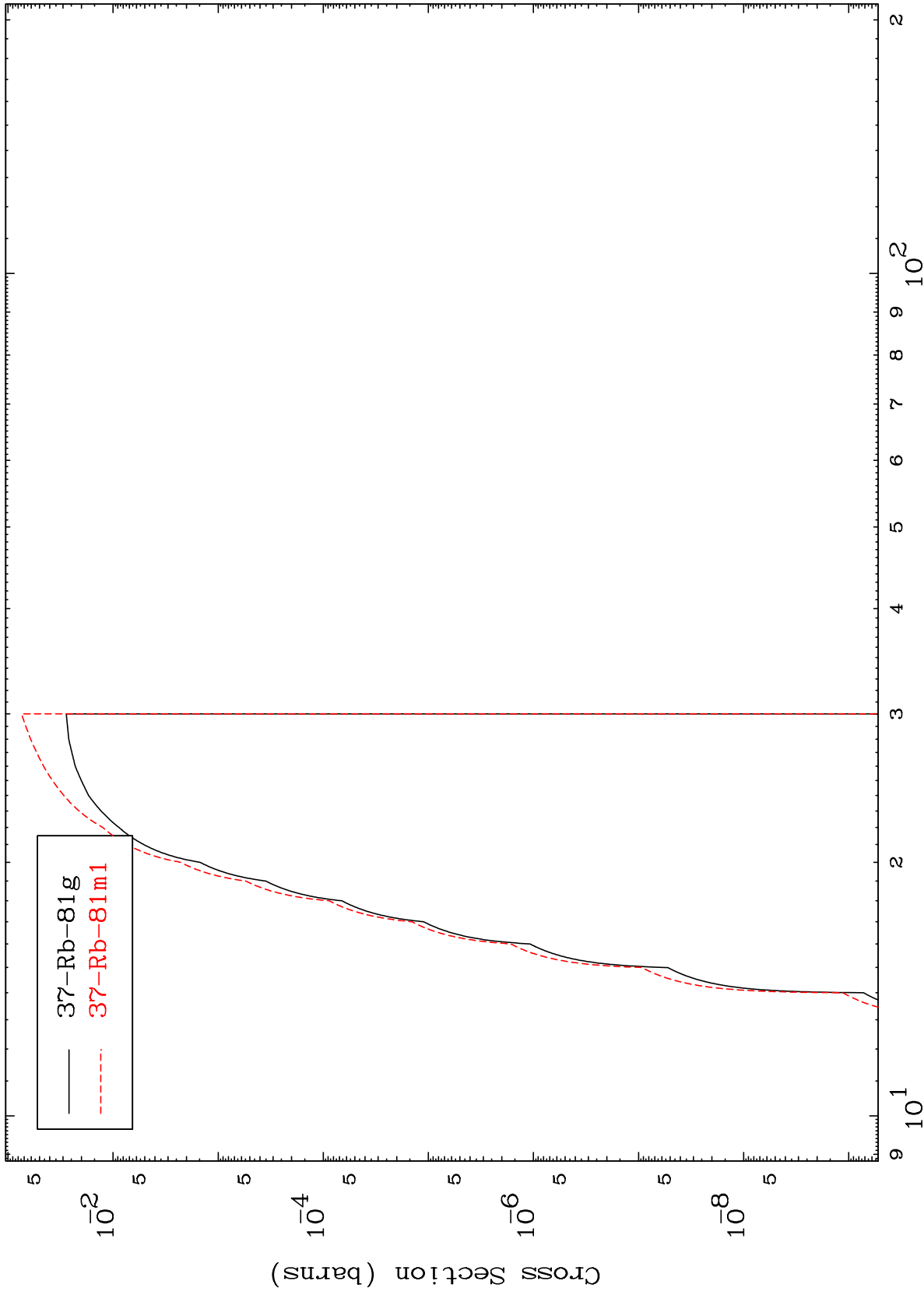
37-Rb-82

MAT 3716

(α, n') α

37-Rb-82

Radionuclide Production Cross Section



14

Incident Energy (MeV)

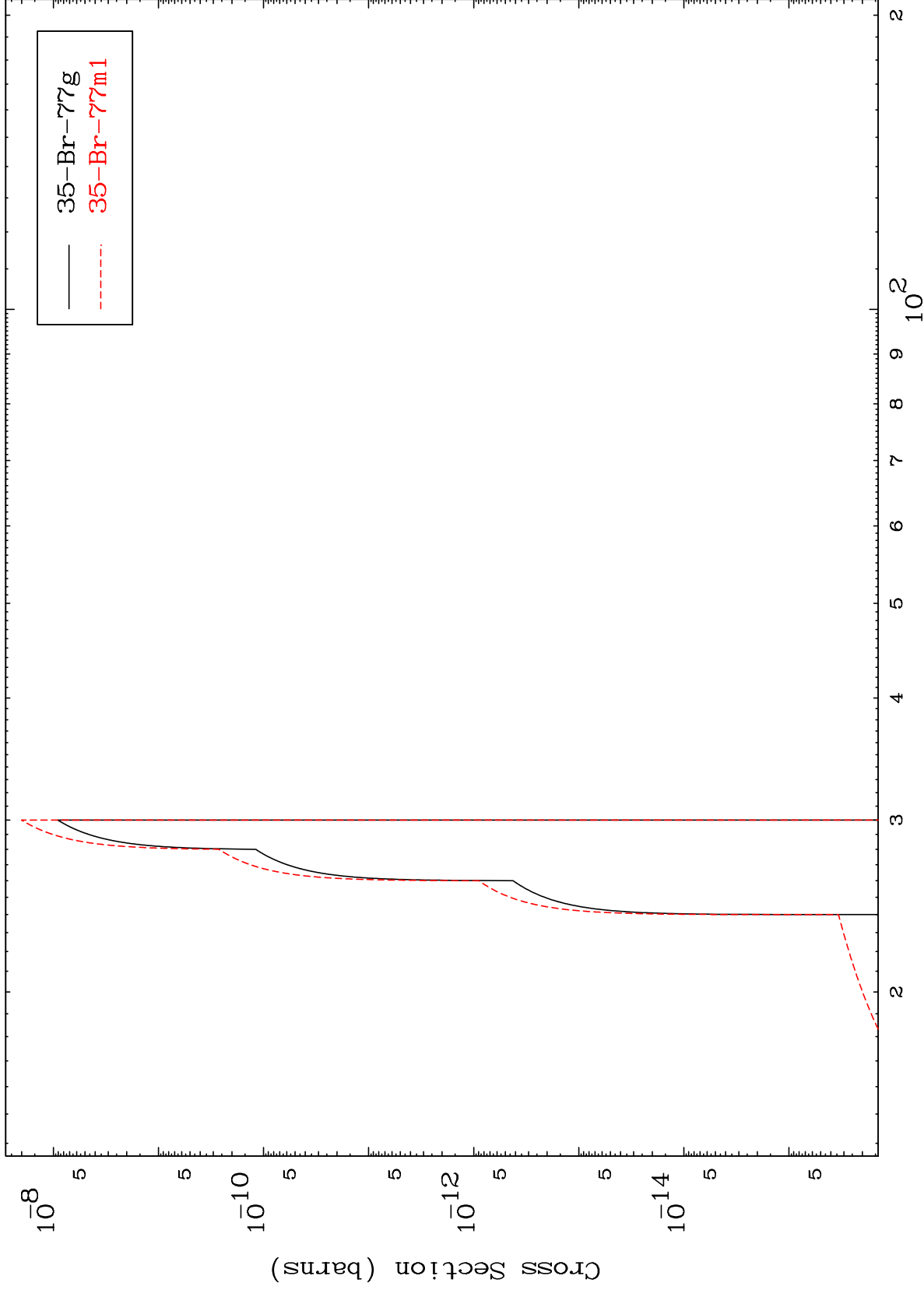
37-Rb-82

MAT 3716

(α, n') 2α

37-Rb-82

Radionuclide Production Cross Section



15

Incident Energy (MeV)

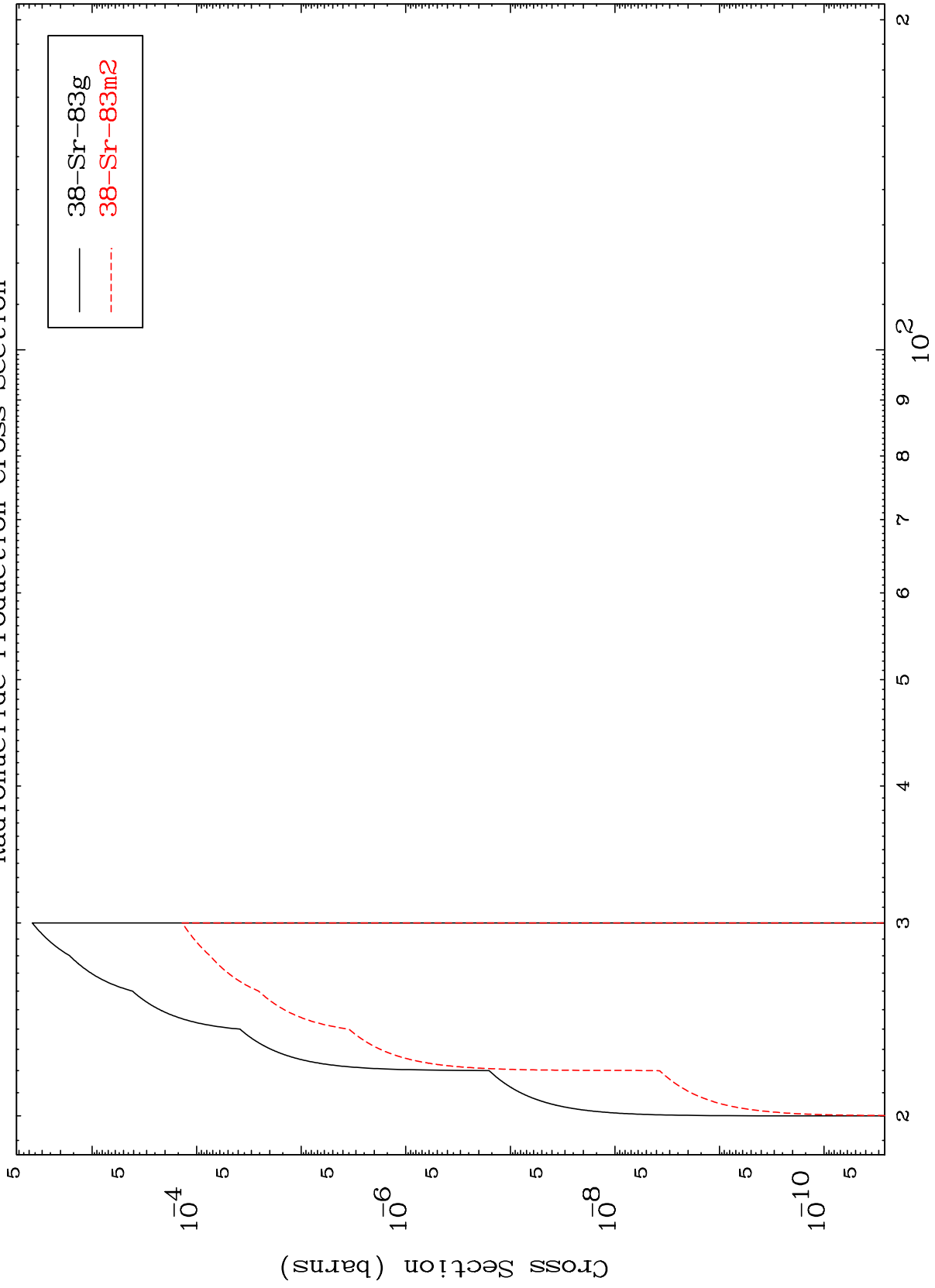
37-Rb-82

MAT 3716

(α, n') d

37-Rb-82

Radionuclide Production Cross Section



16

Incident Energy (MeV)

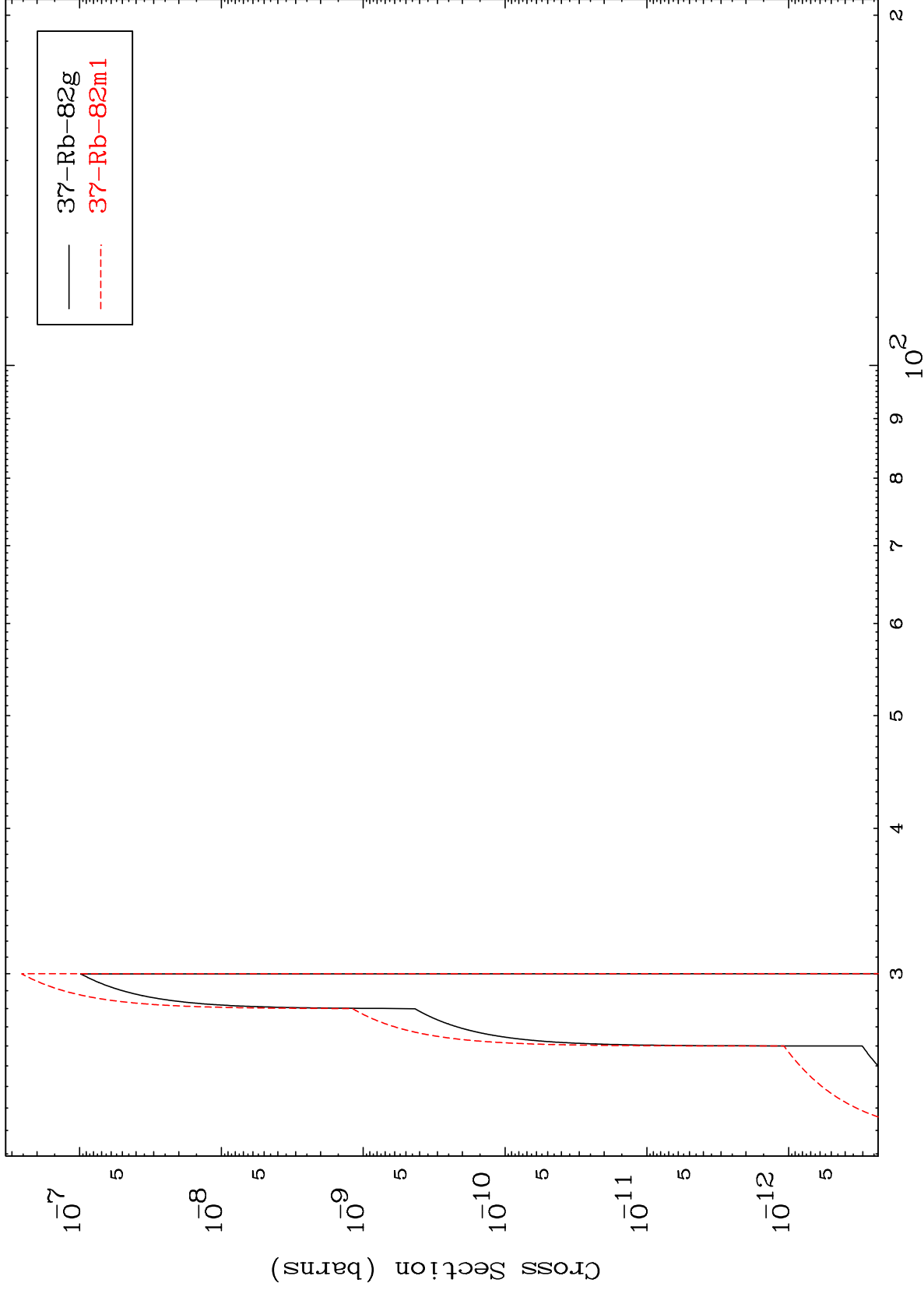
37-Rb-82

MAT 3716

(α, n') He-3

37-Rb-82

Radionuclide Production Cross Section



17

Incident Energy (MeV)

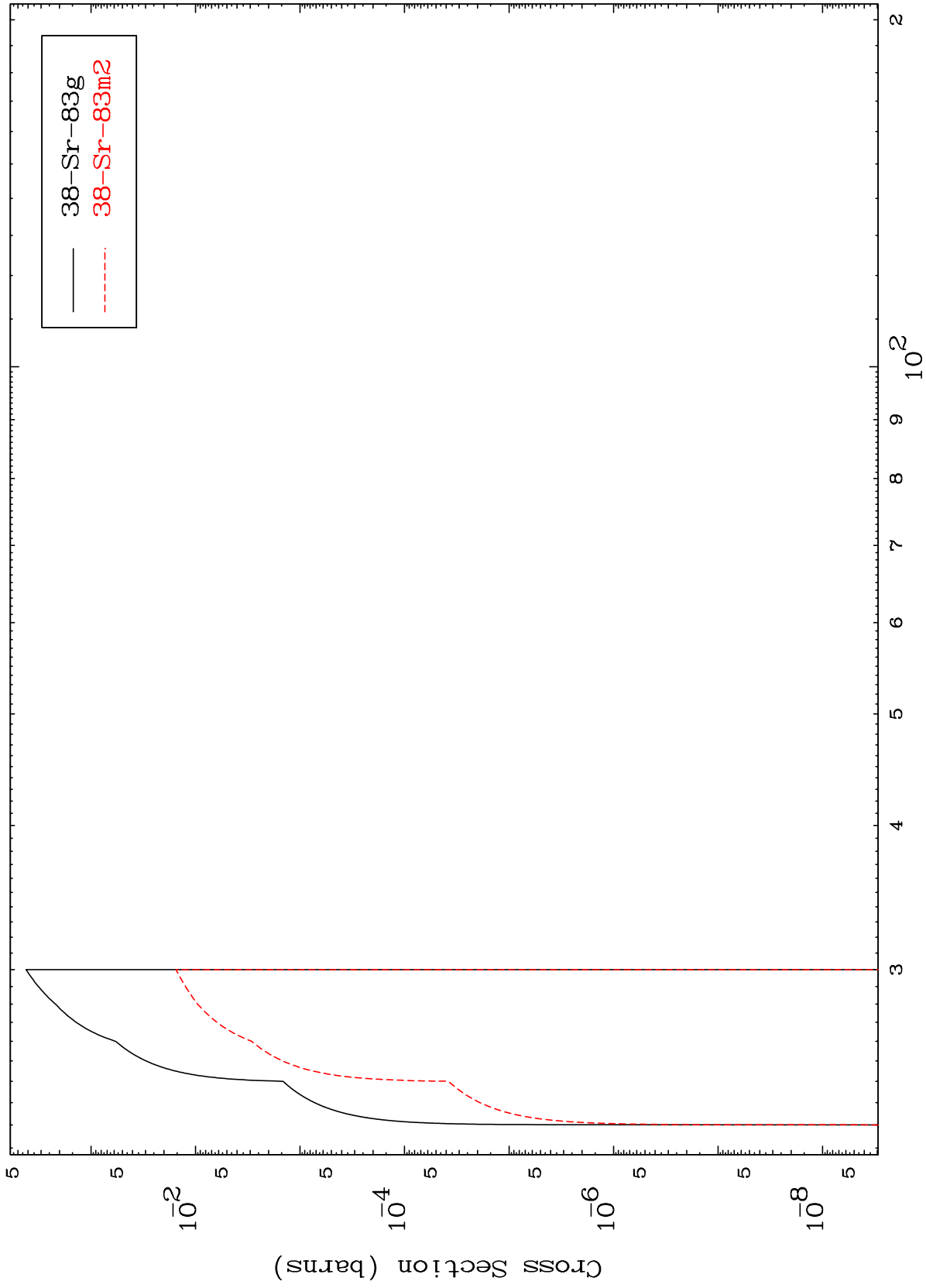
37-Rb-82

MAT 3716

($\alpha, 2n$) p

37-Rb-82

Radionuclide Production Cross Section



18

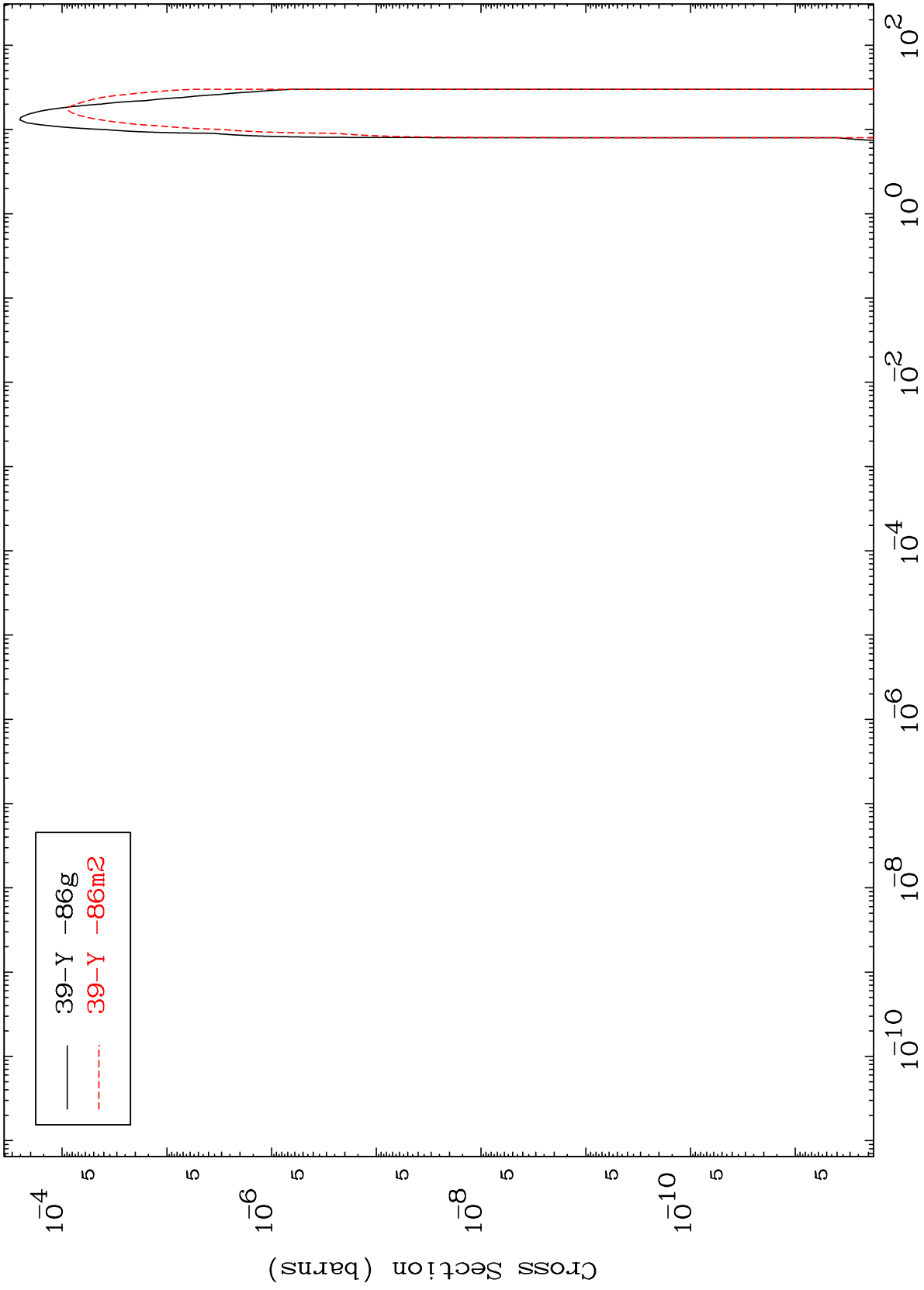
Incident Energy (MeV)

37-Rb-82

MAT 3716

Radionuclide Production Cross Section
(α, γ)

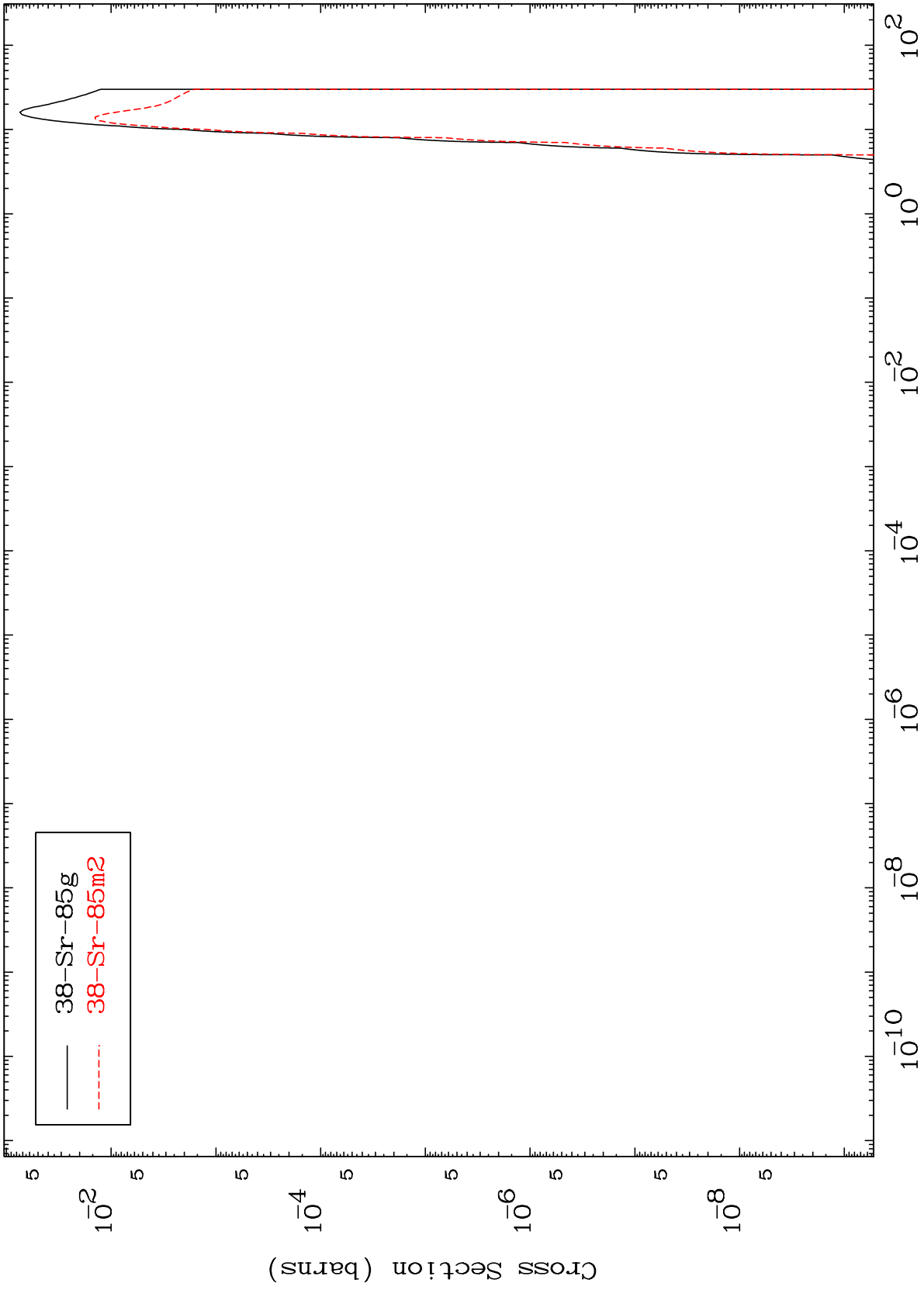
37-Rb-82



MAT 3716

Radionuclide Production Cross Section
(α, p)

³⁷Rb-82



20

Incident Energy (MeV)

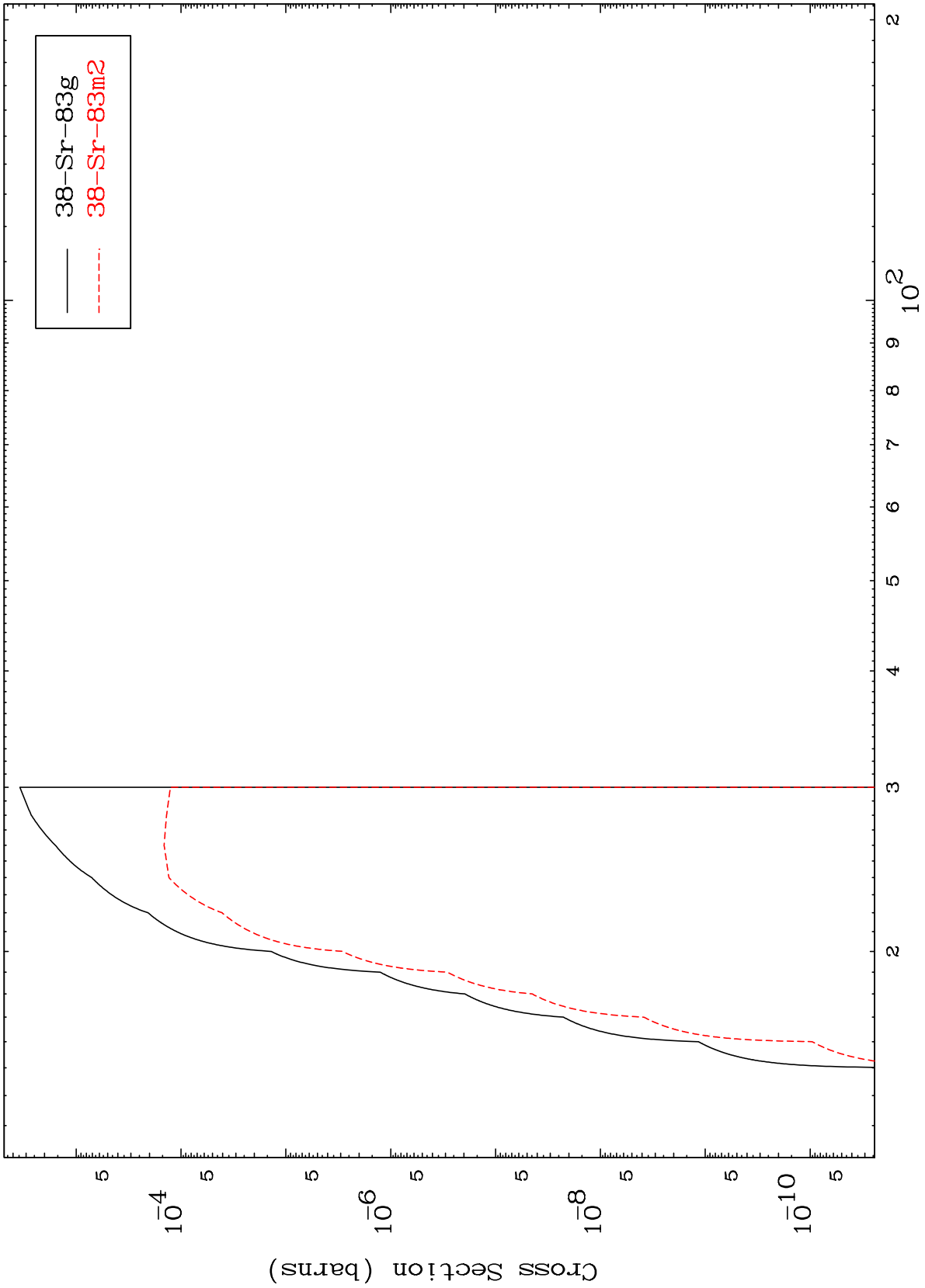
³⁷Rb-82

MAT 3716

(α, t)

37-Rb-82

Radionuclide Production Cross Section



21

Incident Energy (MeV)

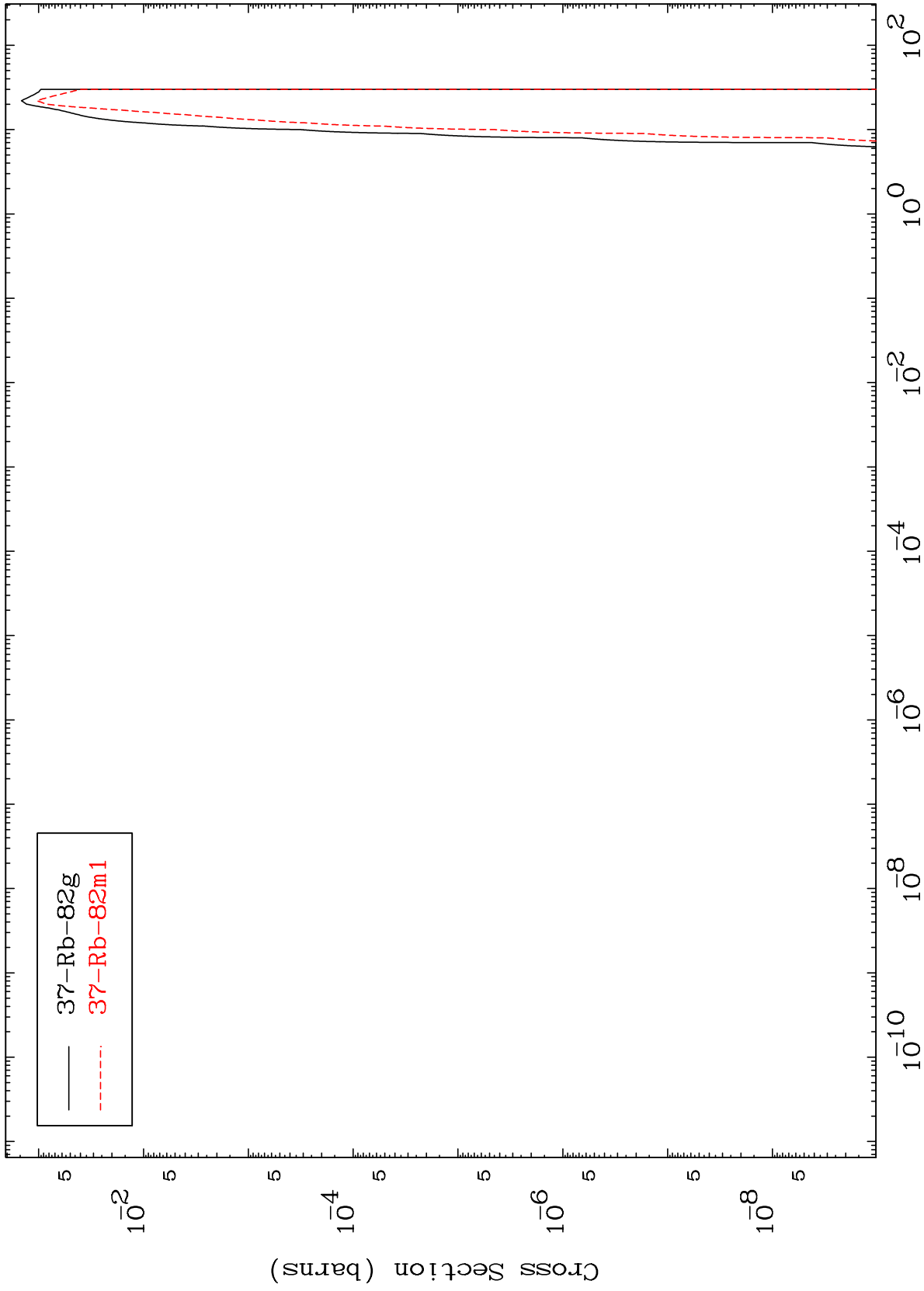
37-Rb-82

MAT 3716

(α, α)

³⁷Rb-82

Radionuclide Production Cross Section



22

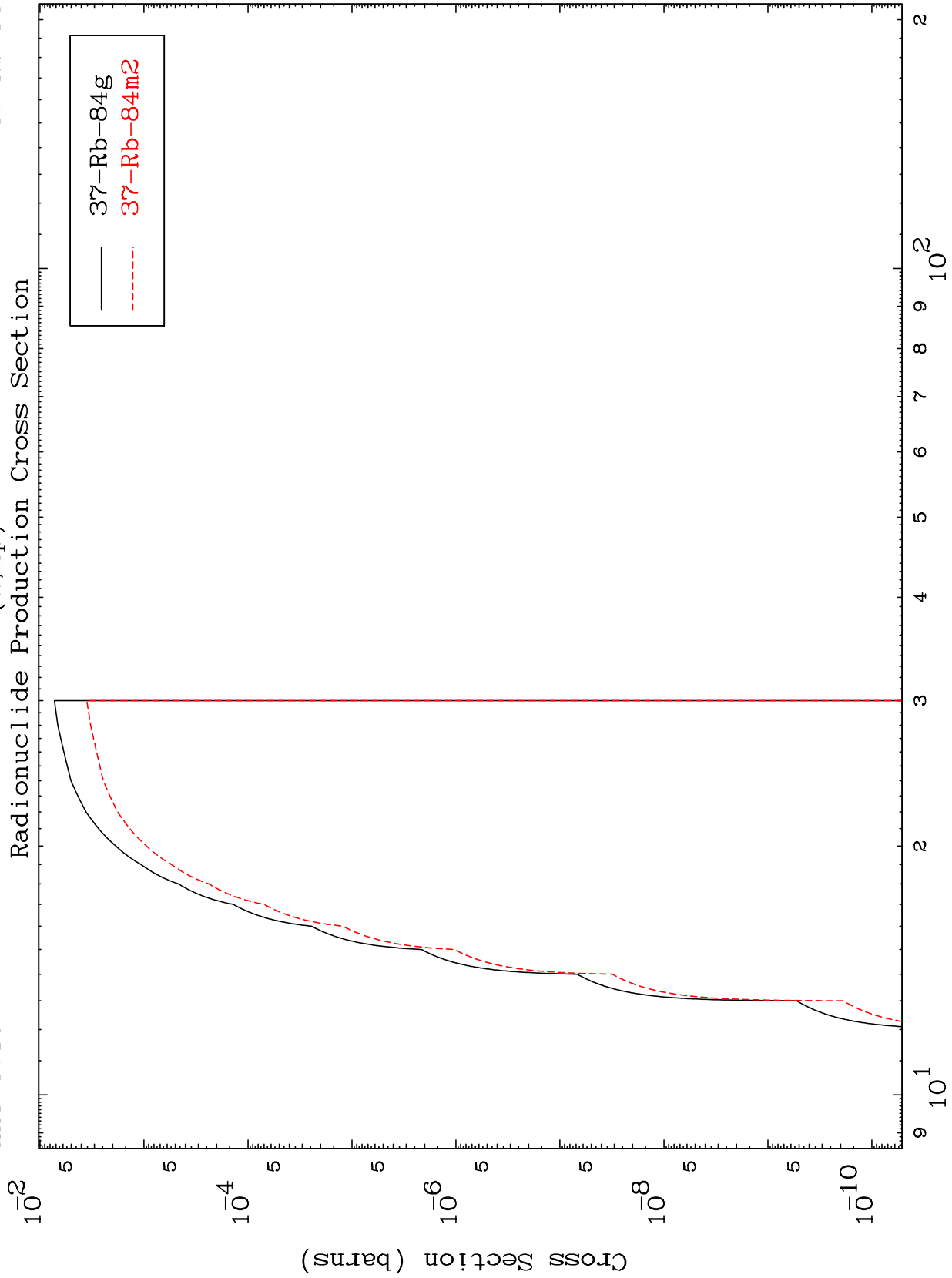
Incident Energy (MeV)

³⁷Rb-82

MAT 3716

37-Rb-82

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



23

Incident Energy (MeV)

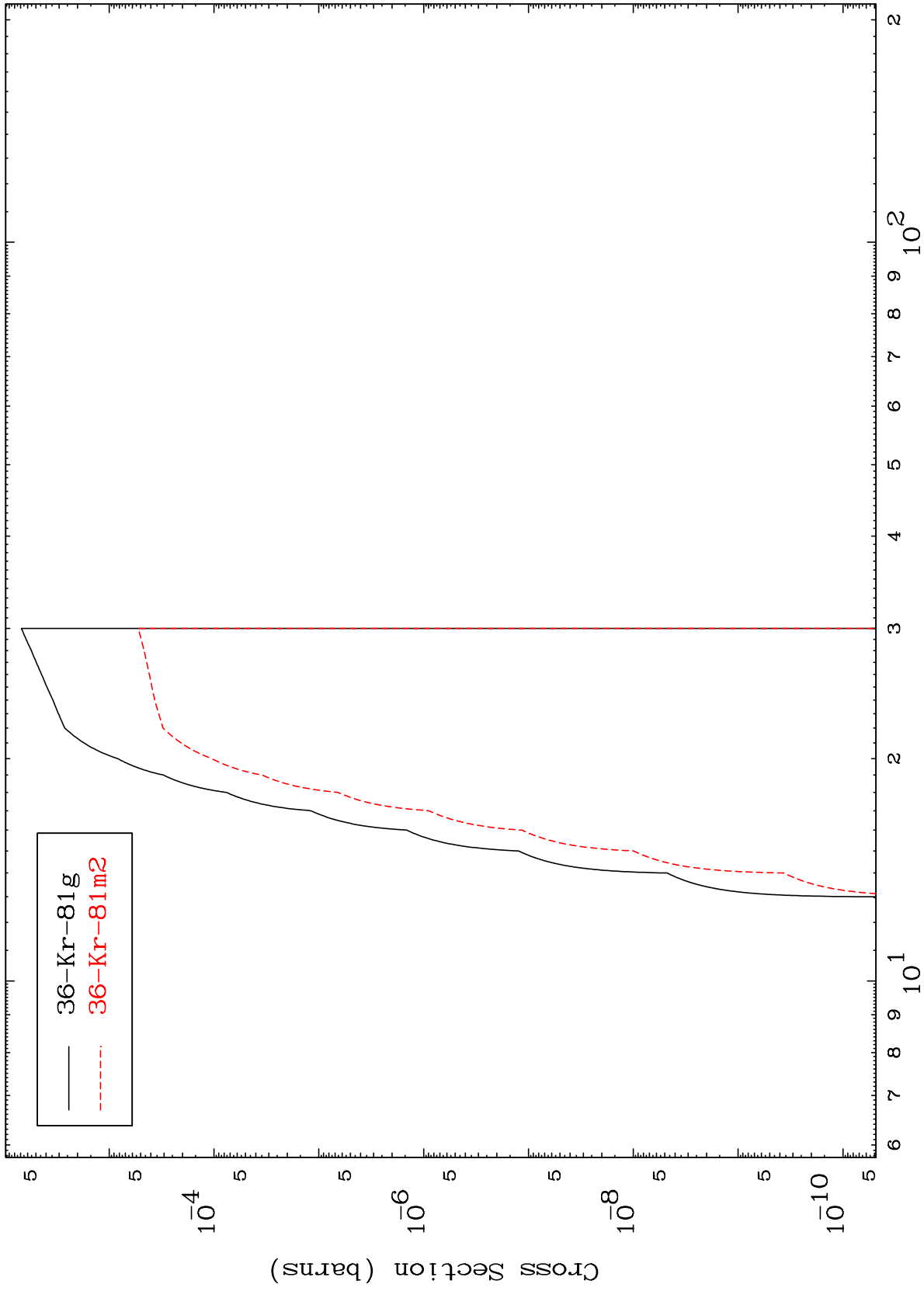
37-Rb-82

MAT 3716

(α, p) α

37-Rb-82

Radionuclide Production Cross Section



24

Incident Energy (MeV)

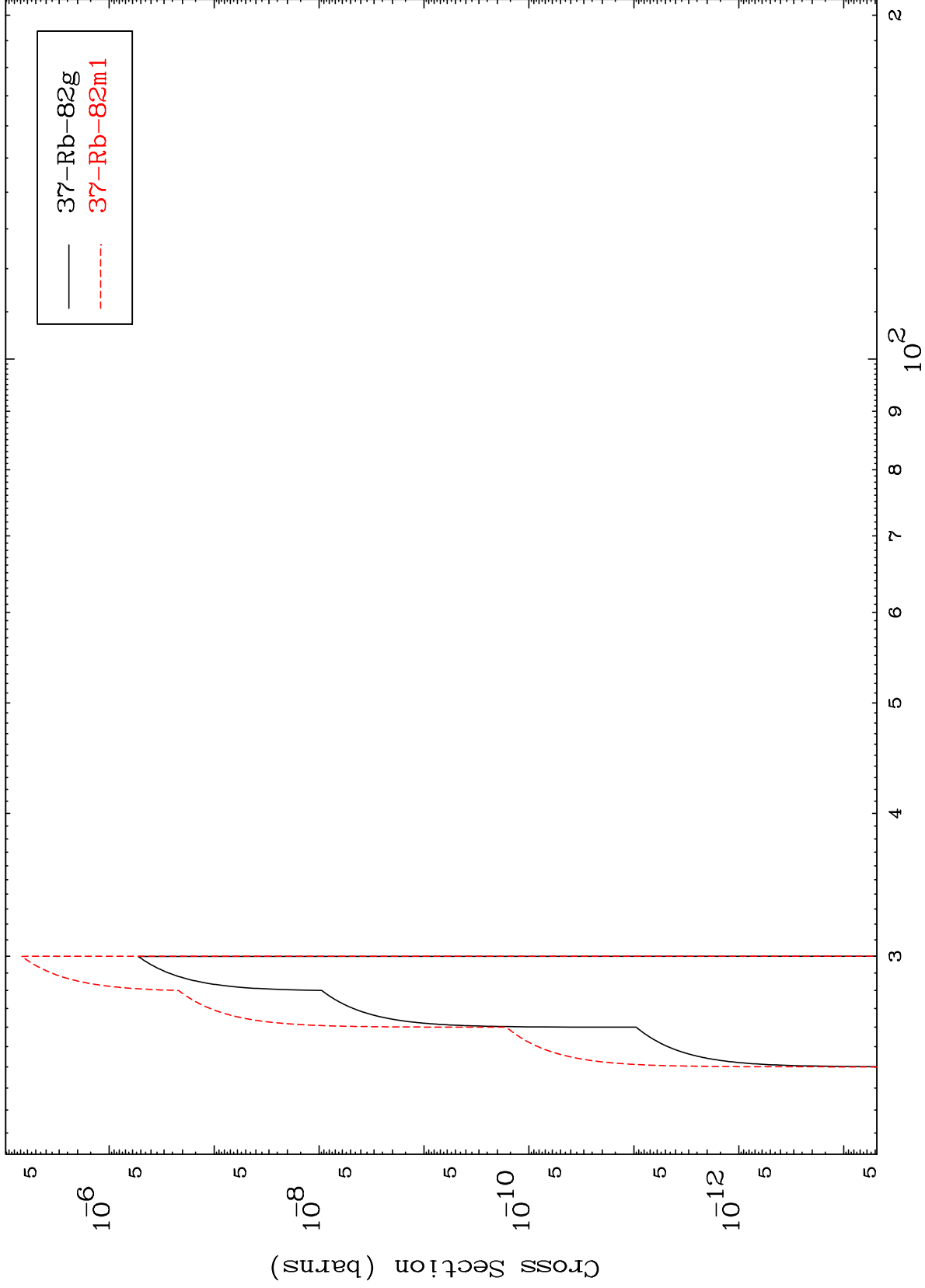
37-Rb-82

MAT 3716

(α, p) t

37-Rb-82

Radionuclide Production Cross Section



25

Incident Energy (MeV)

37-Rb-82