

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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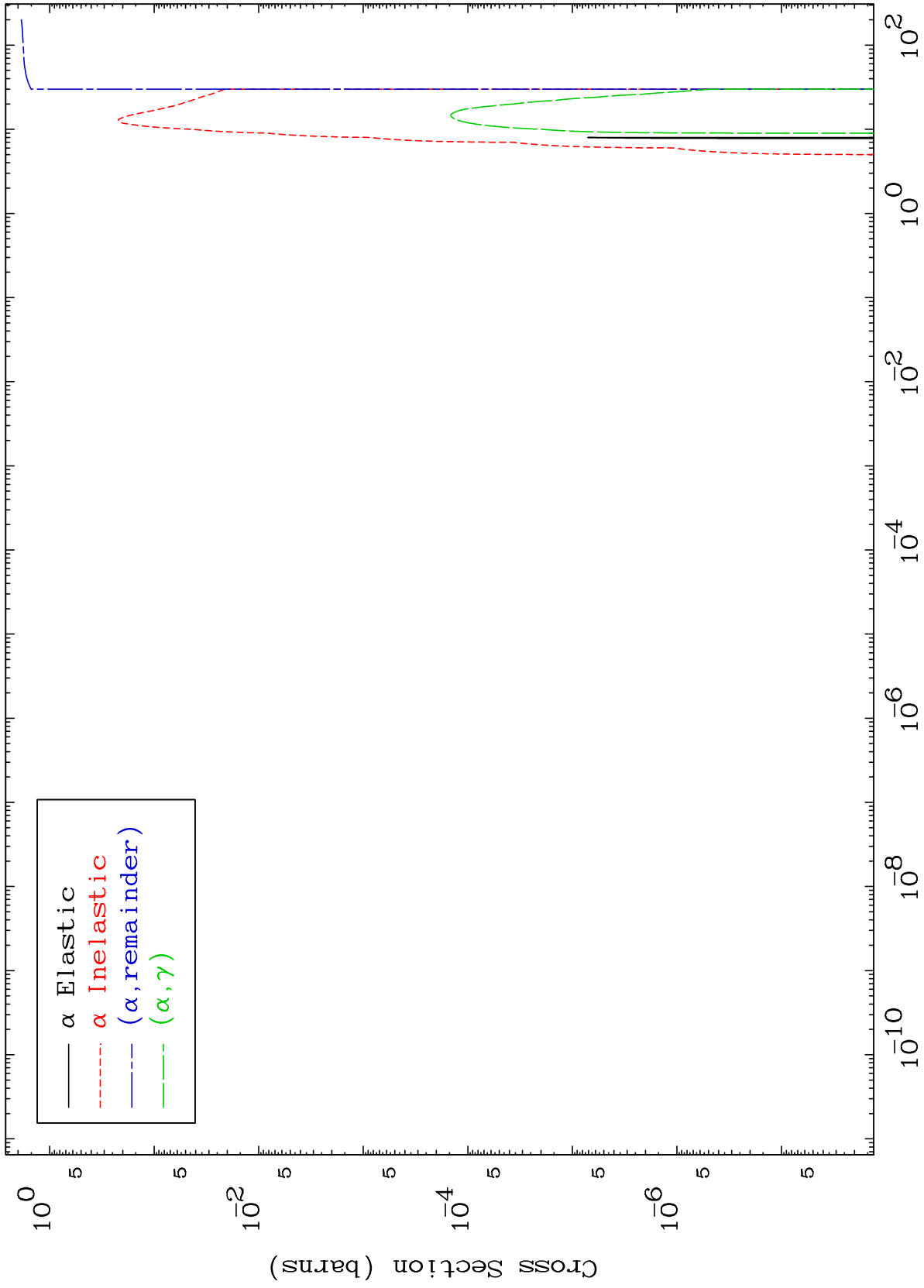
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3537

0 Kelvin α Major
Cross Sections

35-Br-83



35-Br-83

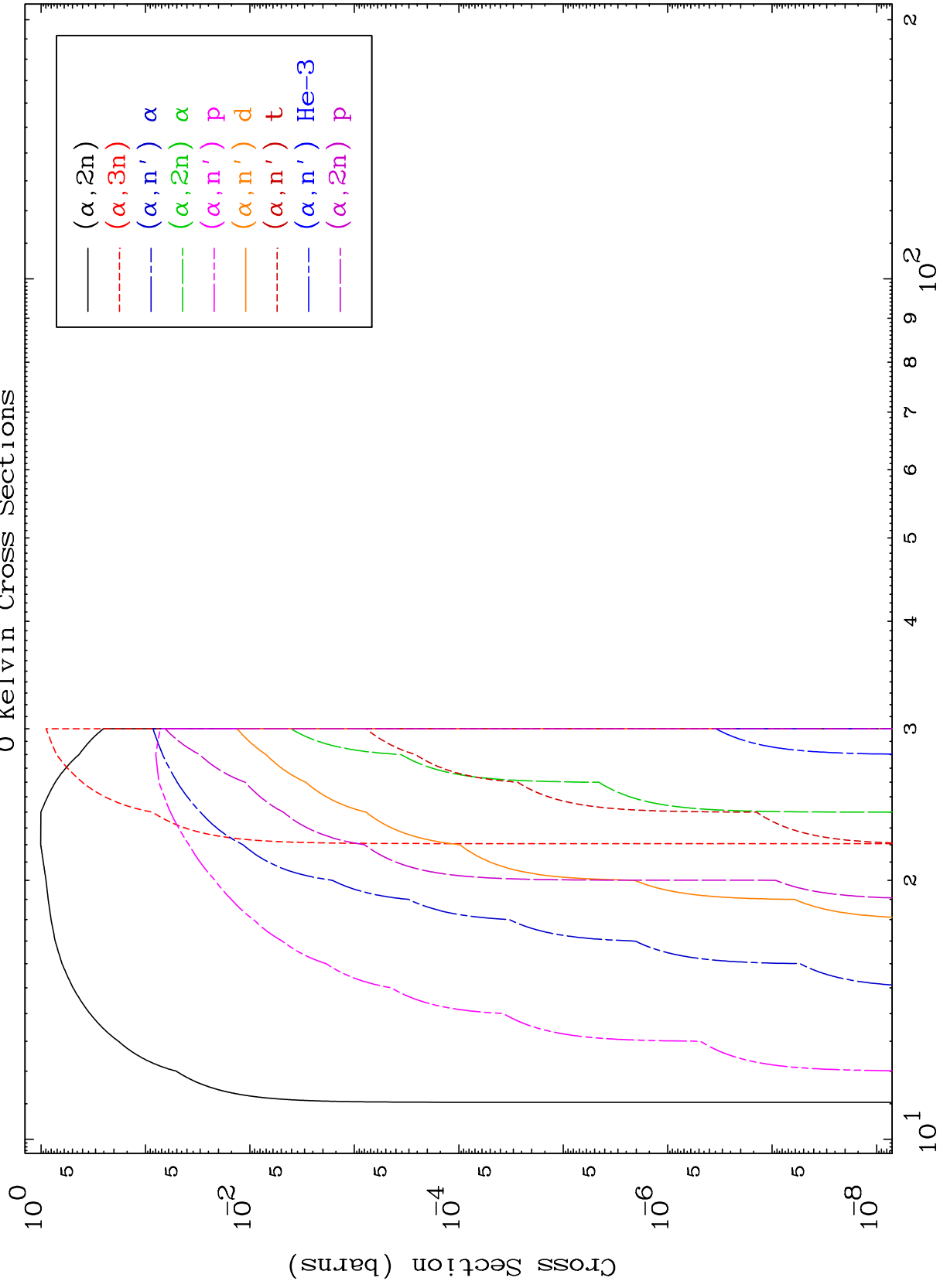
Incident Energy (MeV)

1

MAT 3537

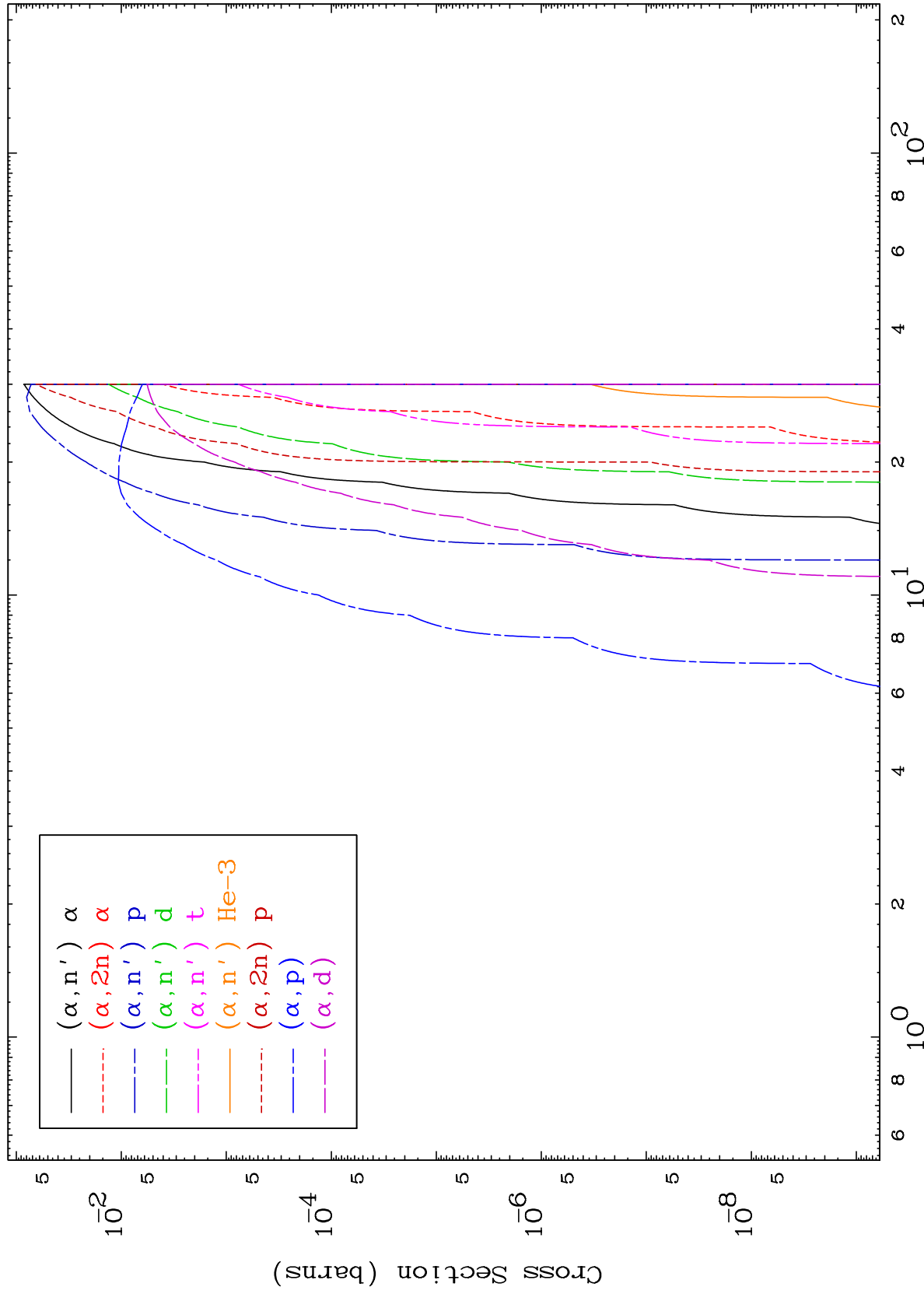
α Neutron Production
0 Kelvin Cross Sections

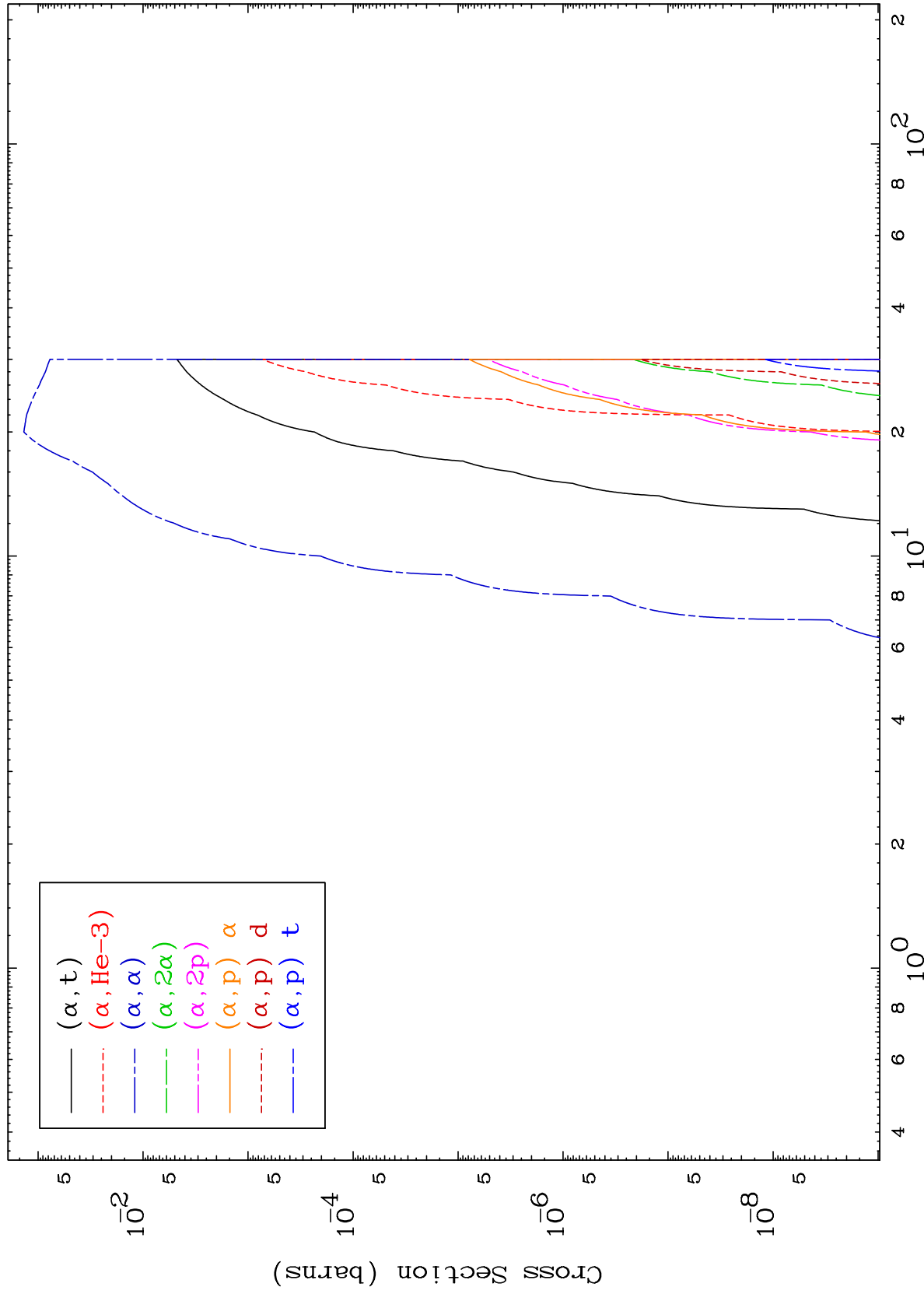
35-Br-83

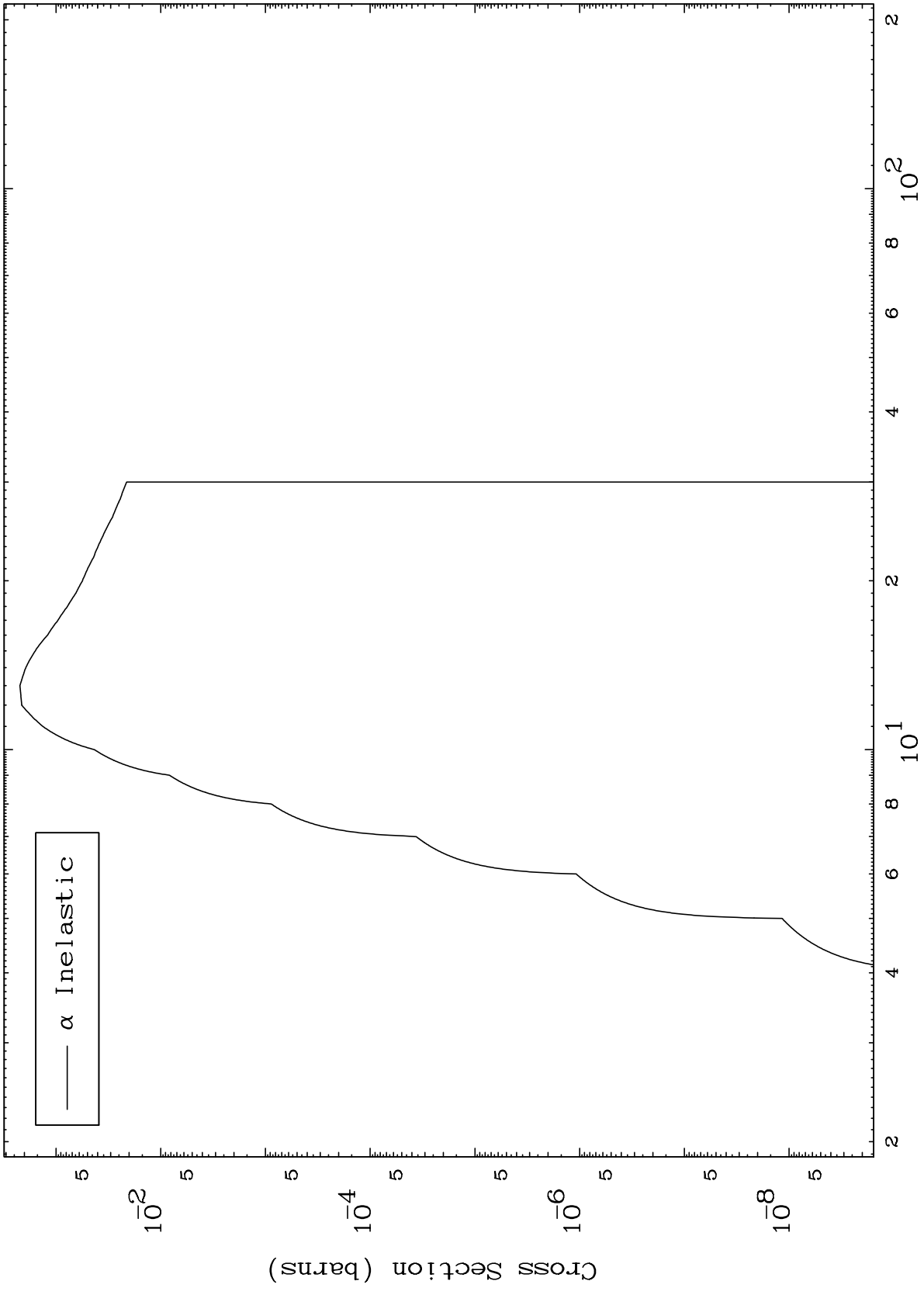


Incident Energy (MeV)

35-Br-83





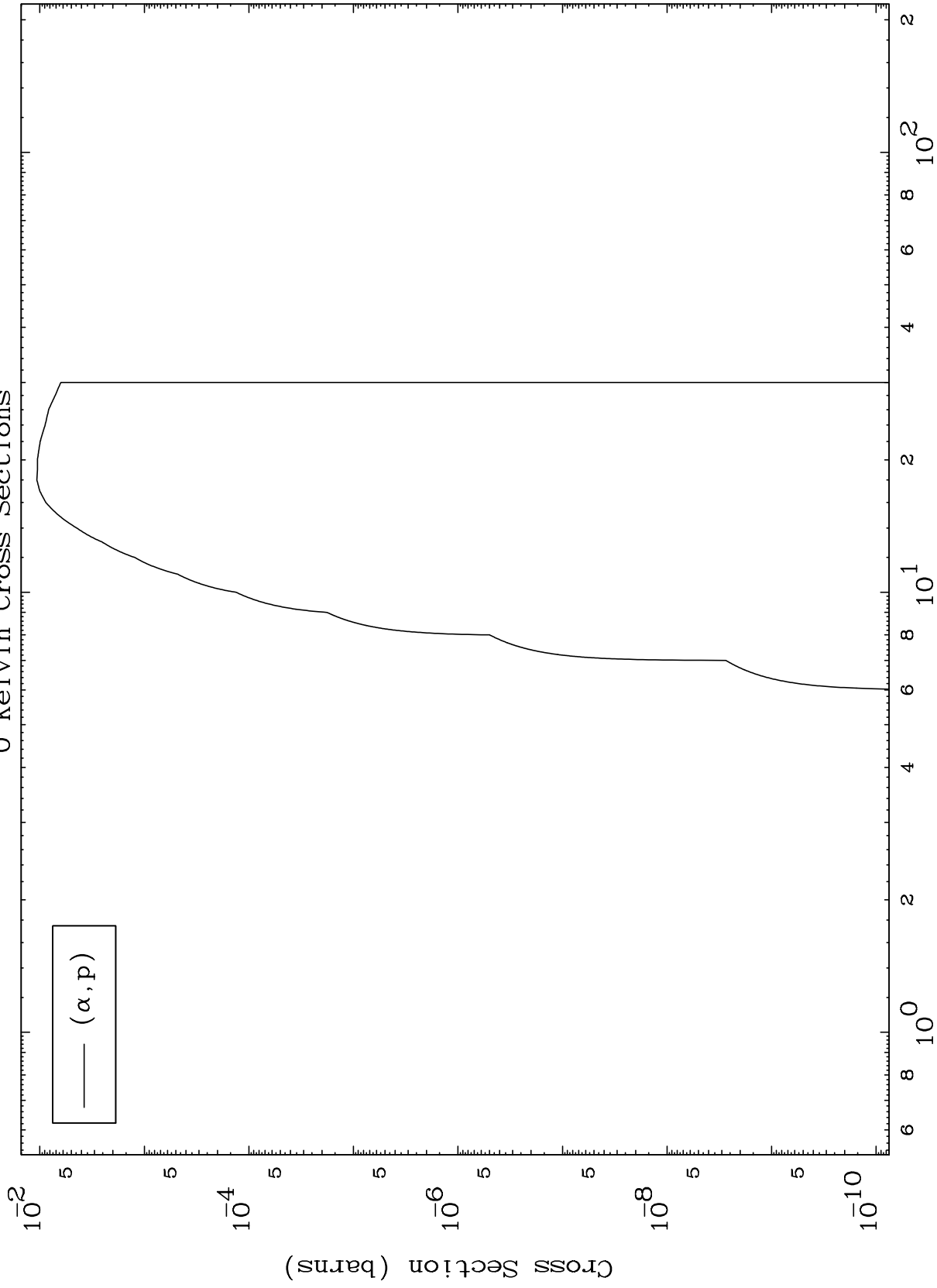


— α Inelastic

MAT 3537

35-Br-83

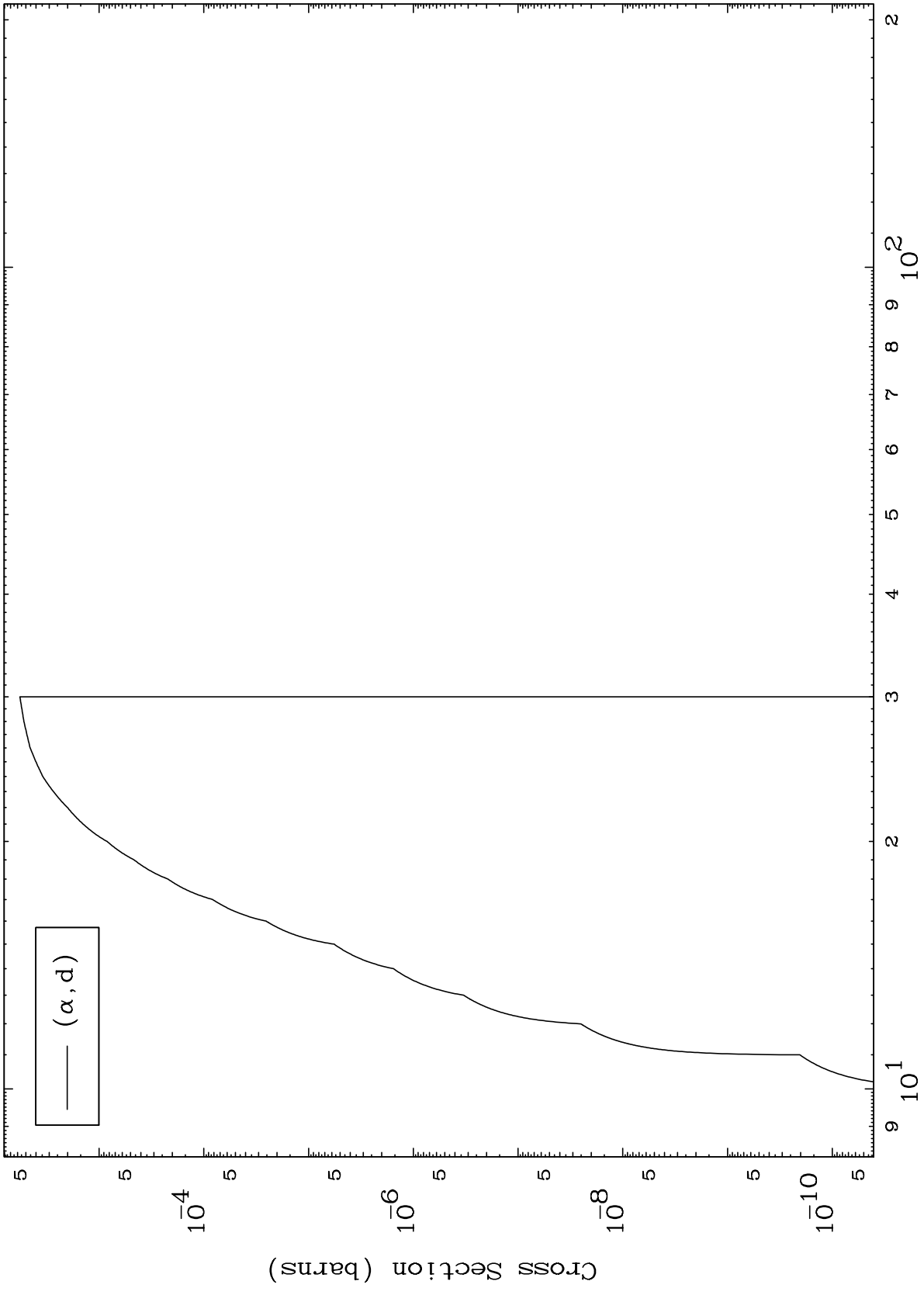
(α, p) Levels
0 Kelvin Cross Sections



6

Incident Energy (MeV)

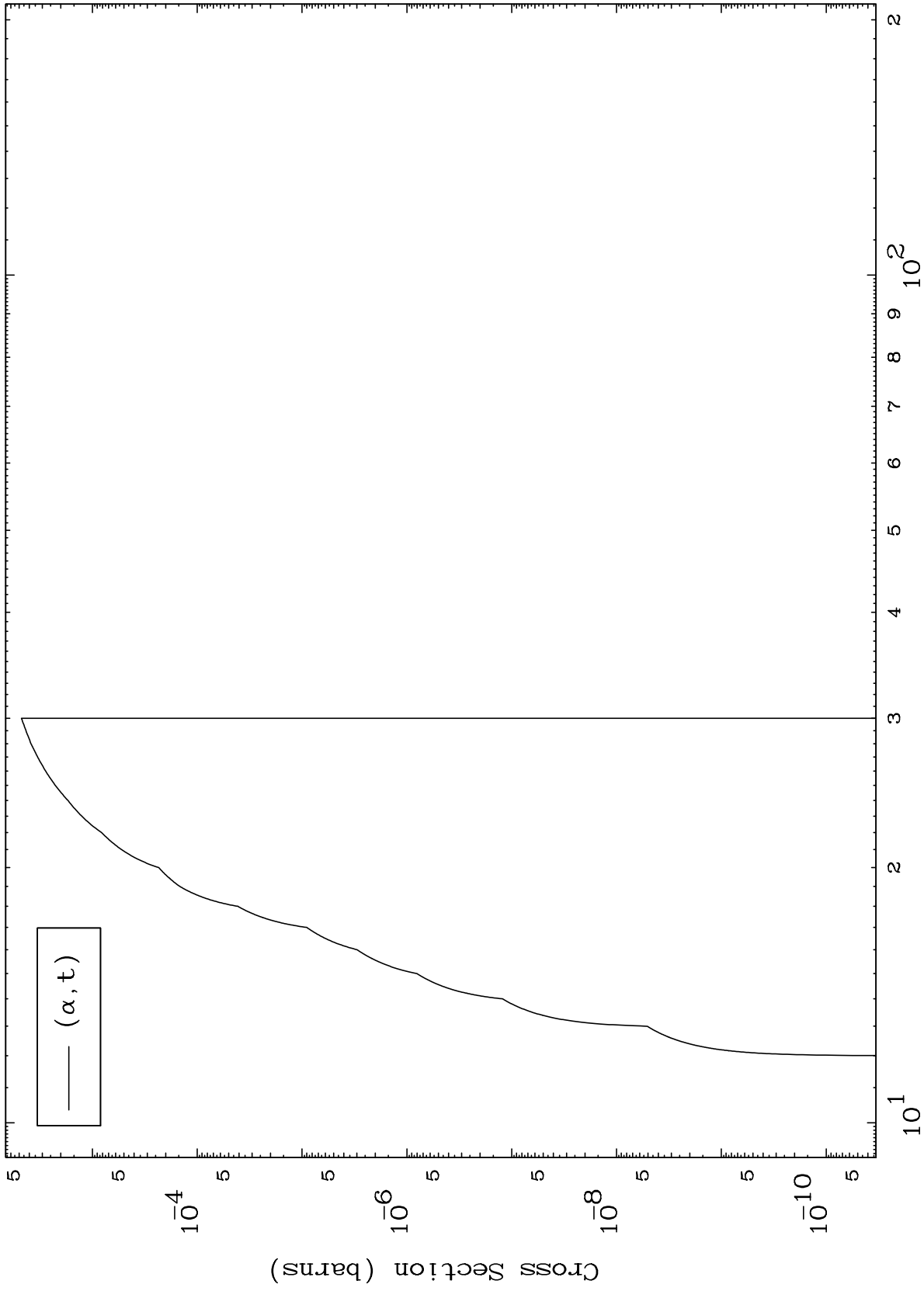
35-Br-83



MAT 3537

(α, t) Levels
0 Kelvin Cross Sections

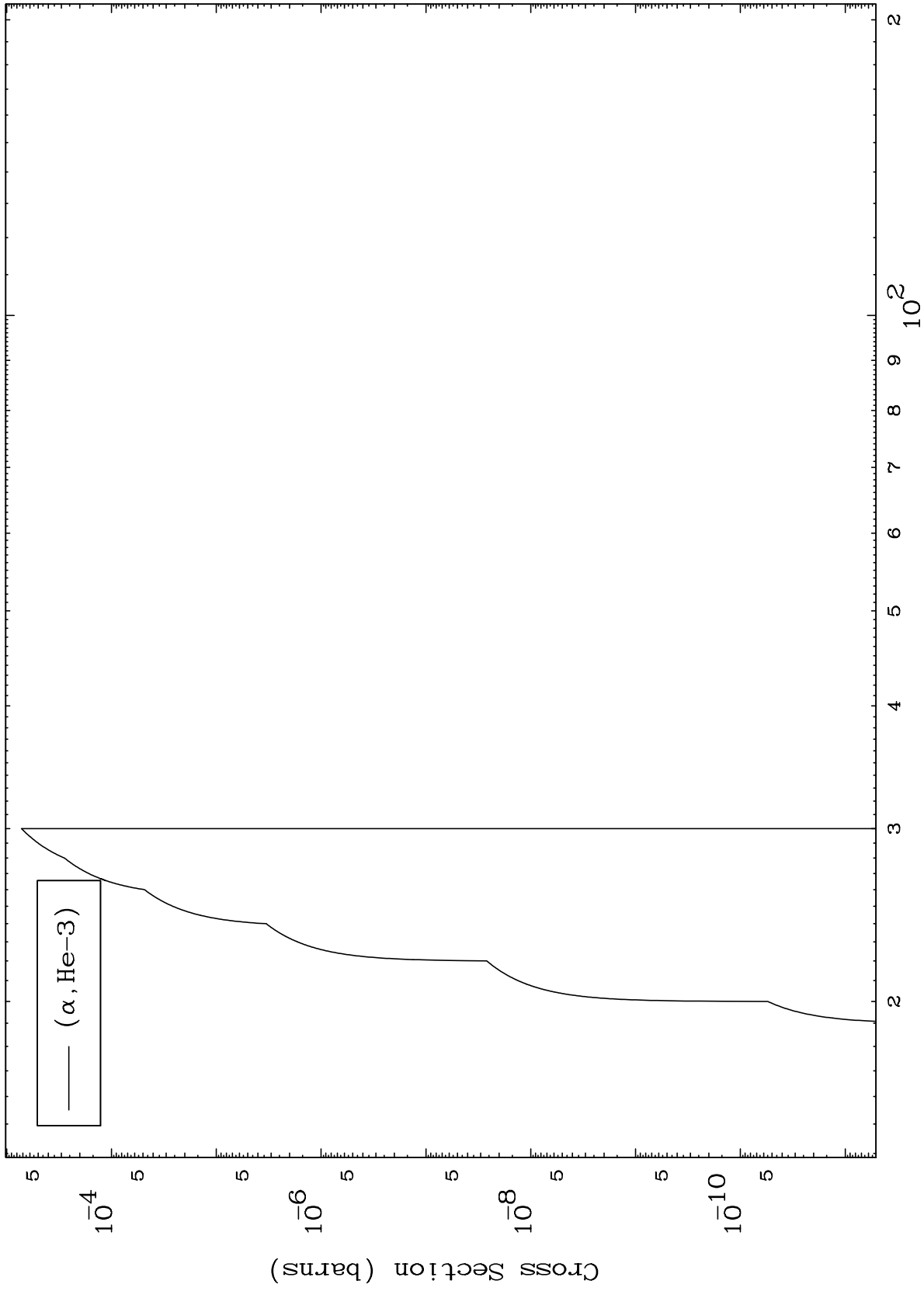
35-Br-83



8

Incident Energy (MeV)

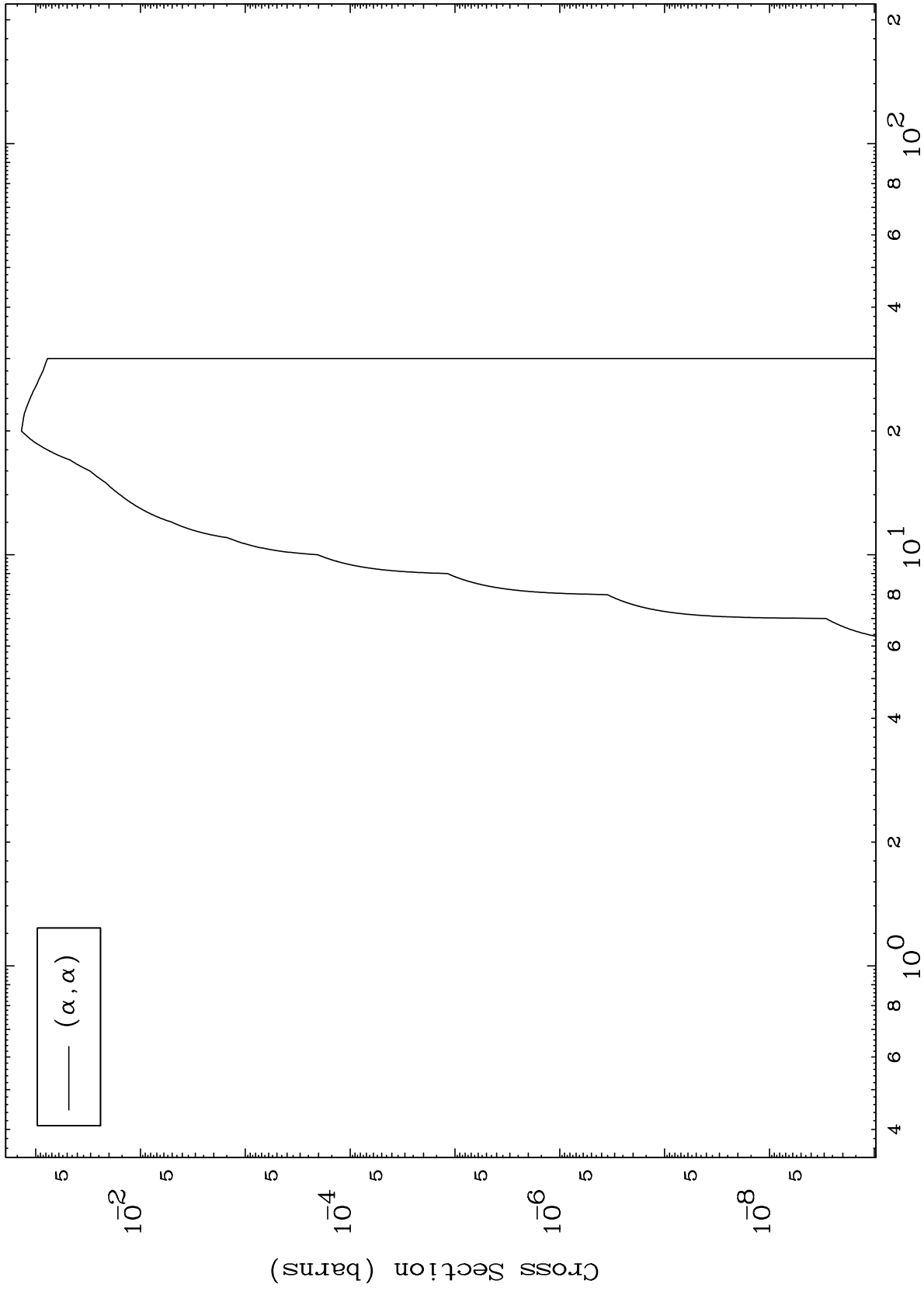
35-Br-83



MAT 3537

(α, α) Levels
0 Kelvin Cross Sections

35-Br-83



10

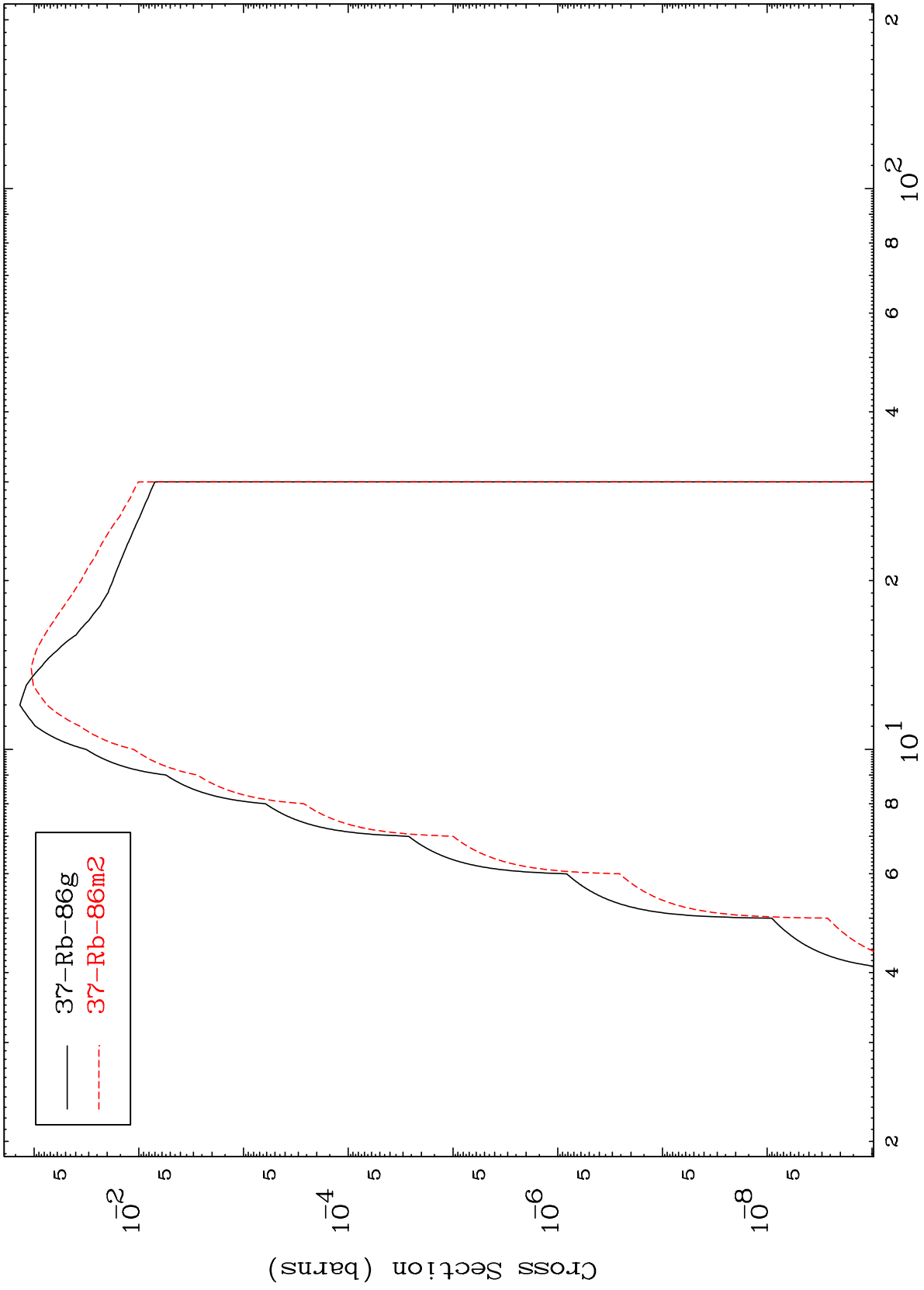
Incident Energy (MeV)

35-Br-83

MAT 3537

35-Br-83

α Inelastic Radionuclide Production Cross Section



11

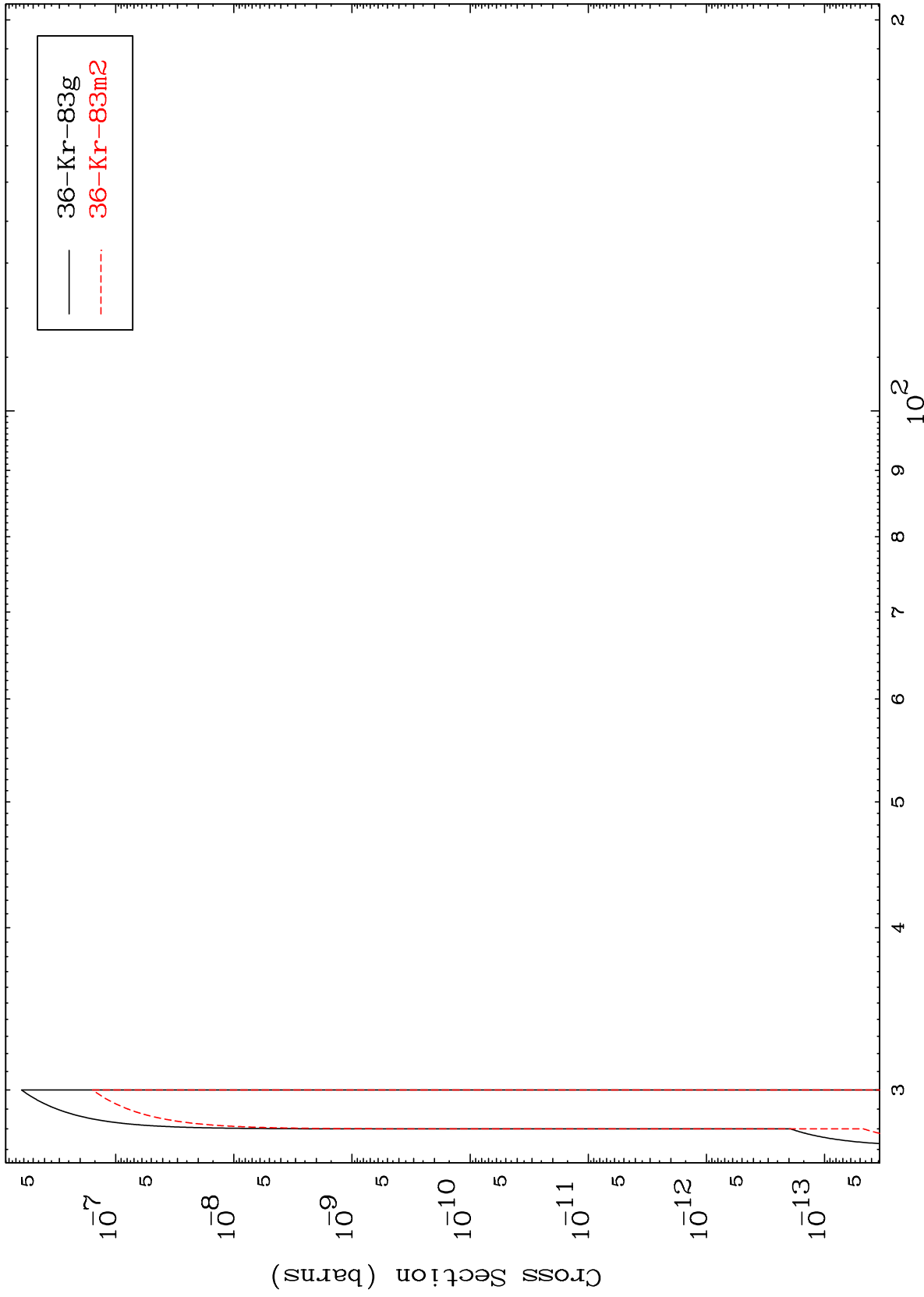
35-Br-83

MAT 3537

($\alpha, 2n$) d

35-Br-83

Radionuclide Production Cross Section



12

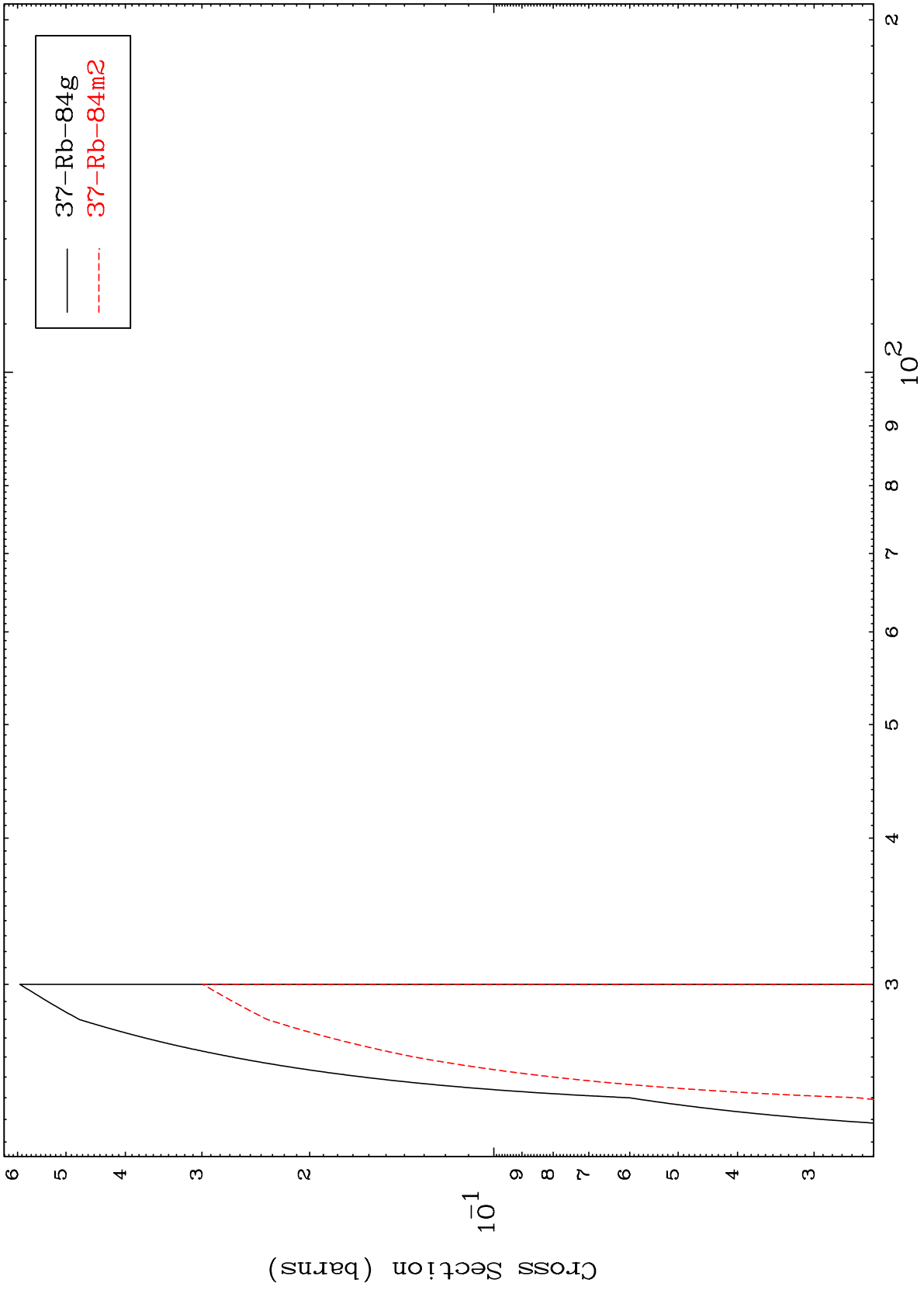
Incident Energy (MeV)

35-Br-83

MAT 3537

35-Br-83

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



13

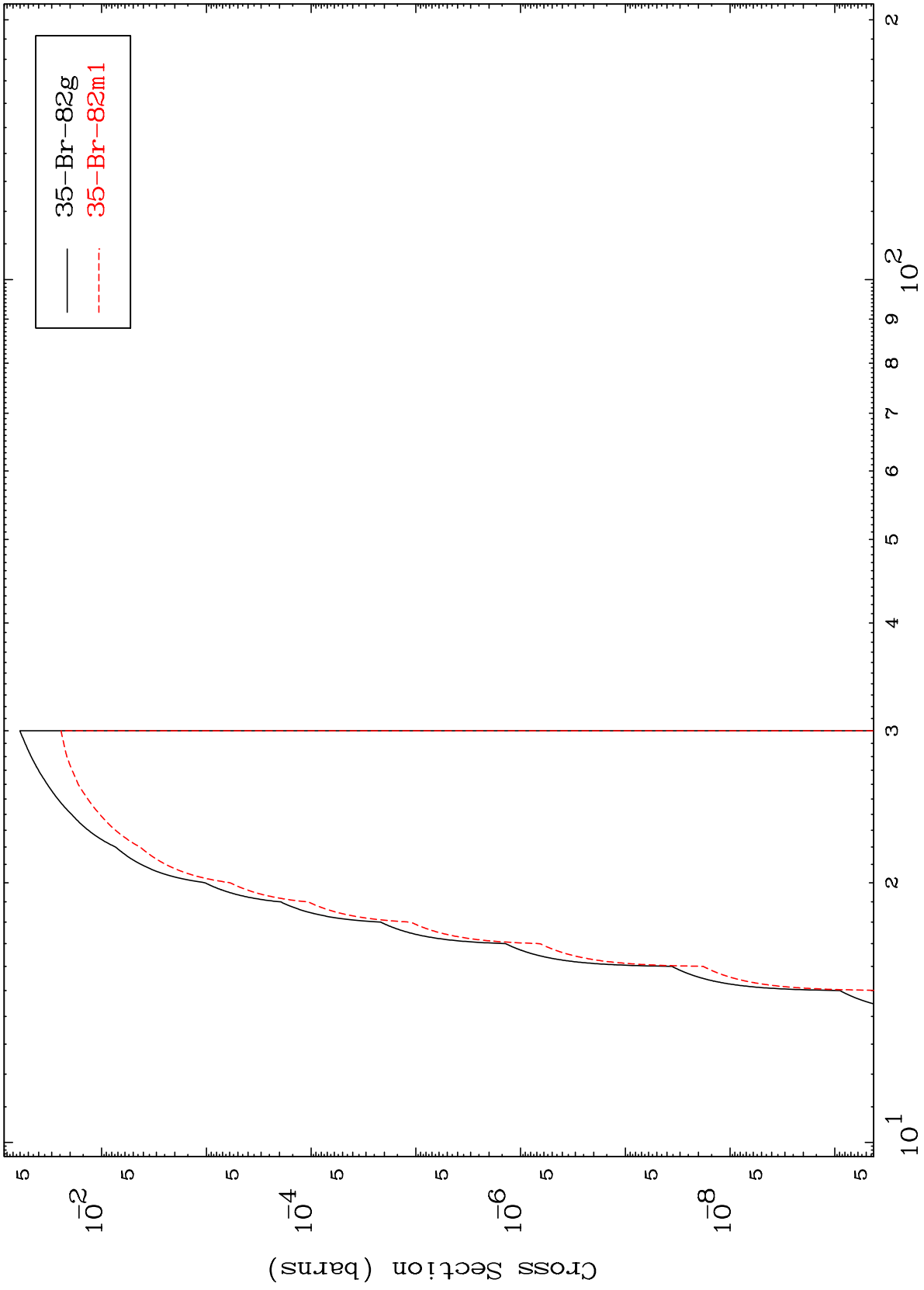
35-Br-83

MAT 3537

(α, n') α

35-Br-83

Radionuclide Production Cross Section



14

Incident Energy (MeV)

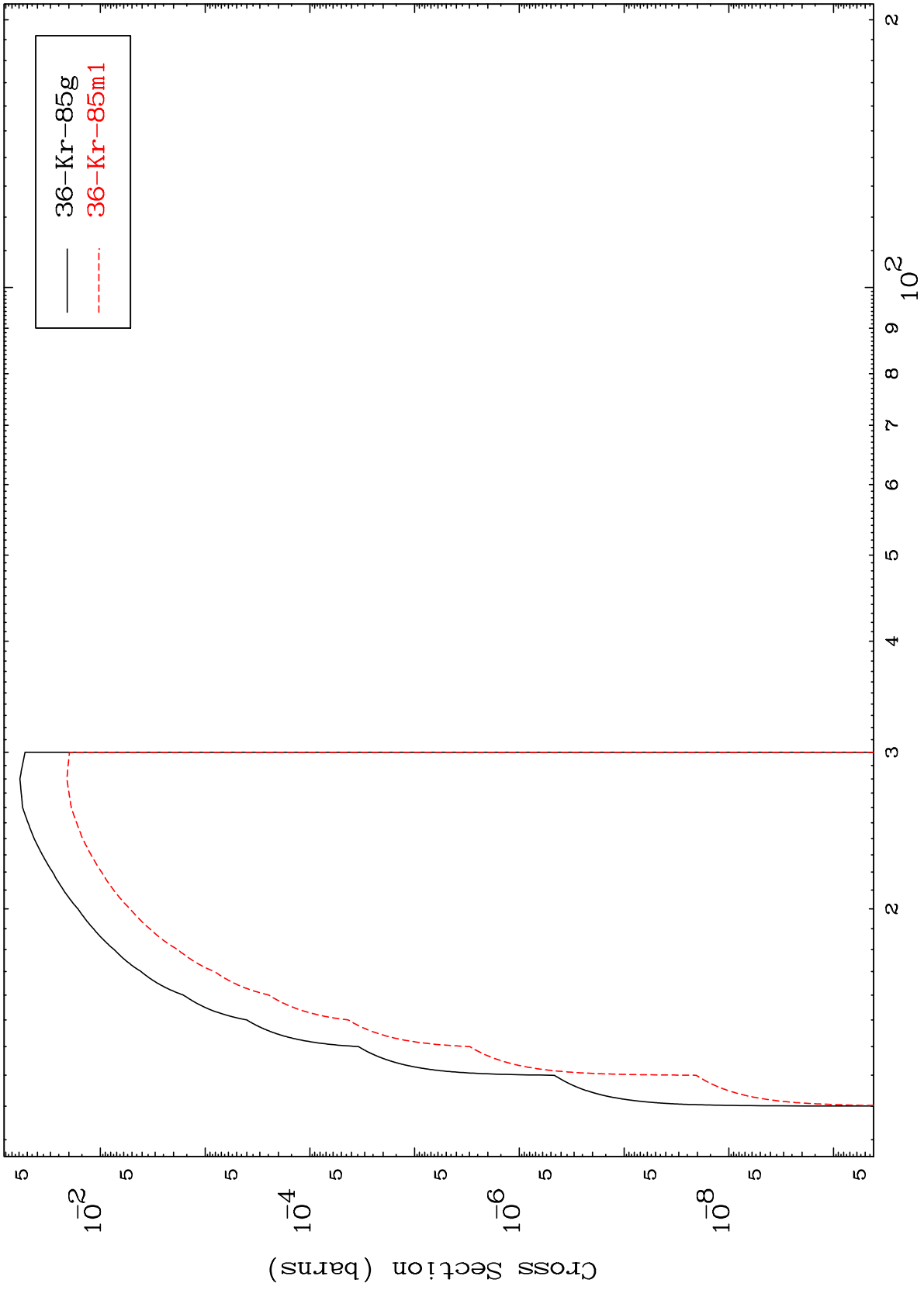
35-Br-83

MAT 3537

(α, n') p

35-Br-83

Radionuclide Production Cross Section



15

Incident Energy (MeV)

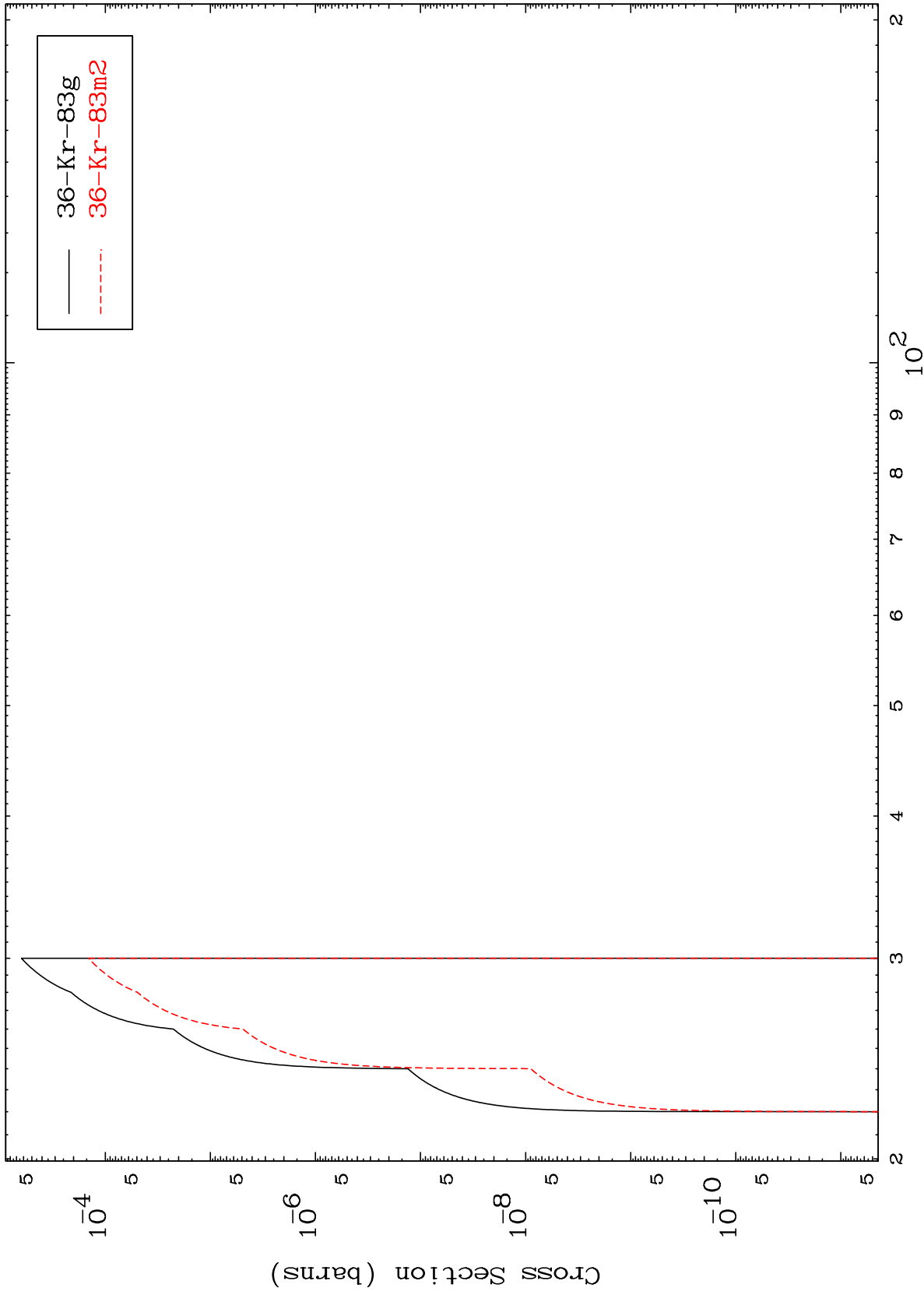
35-Br-83

MAT 3537

(α, n') t

35-Br-83

Radionuclide Production Cross Section



16

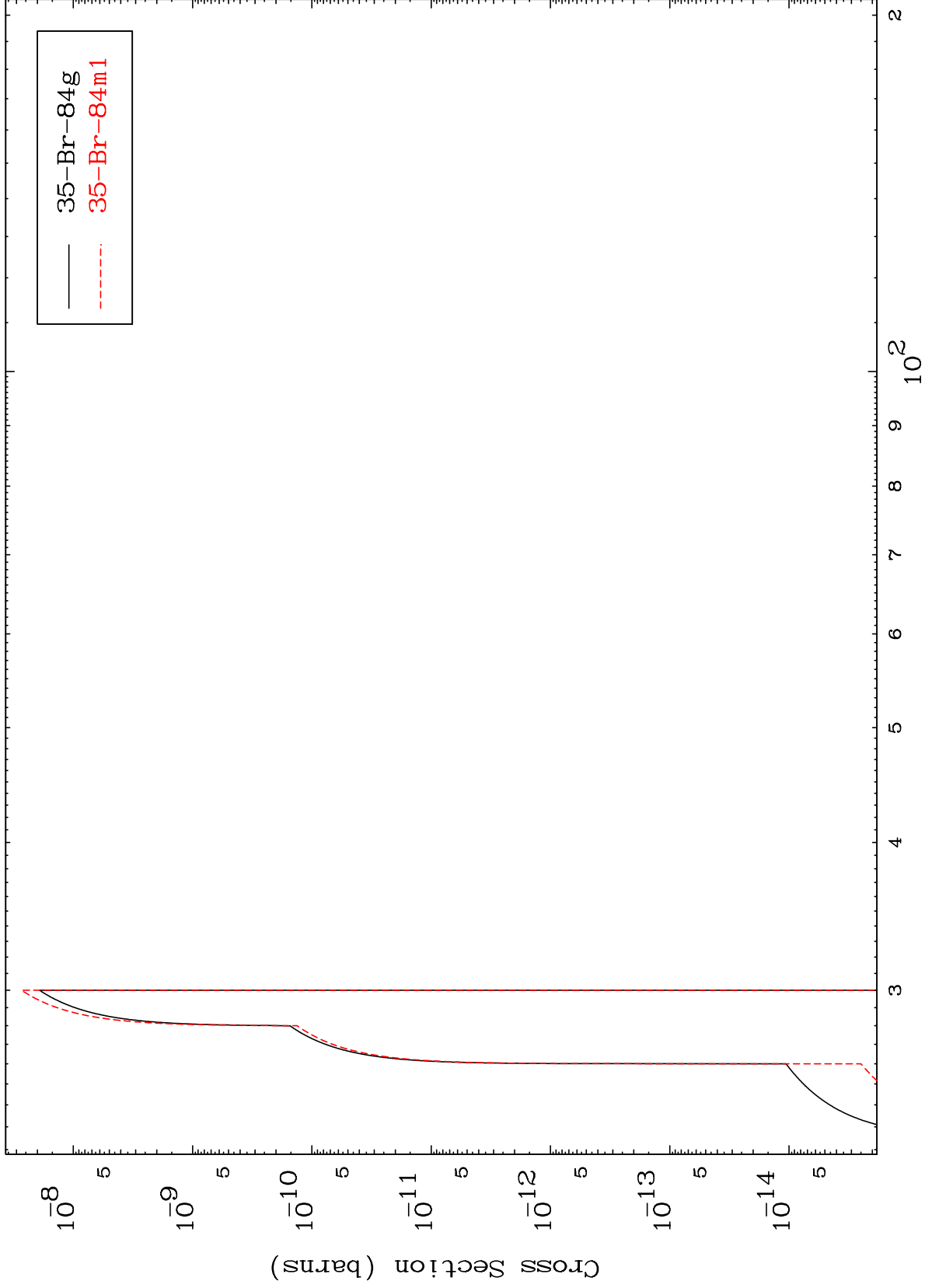
Incident Energy (MeV)

35-Br-83

MAT 3537

35-Br-83

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

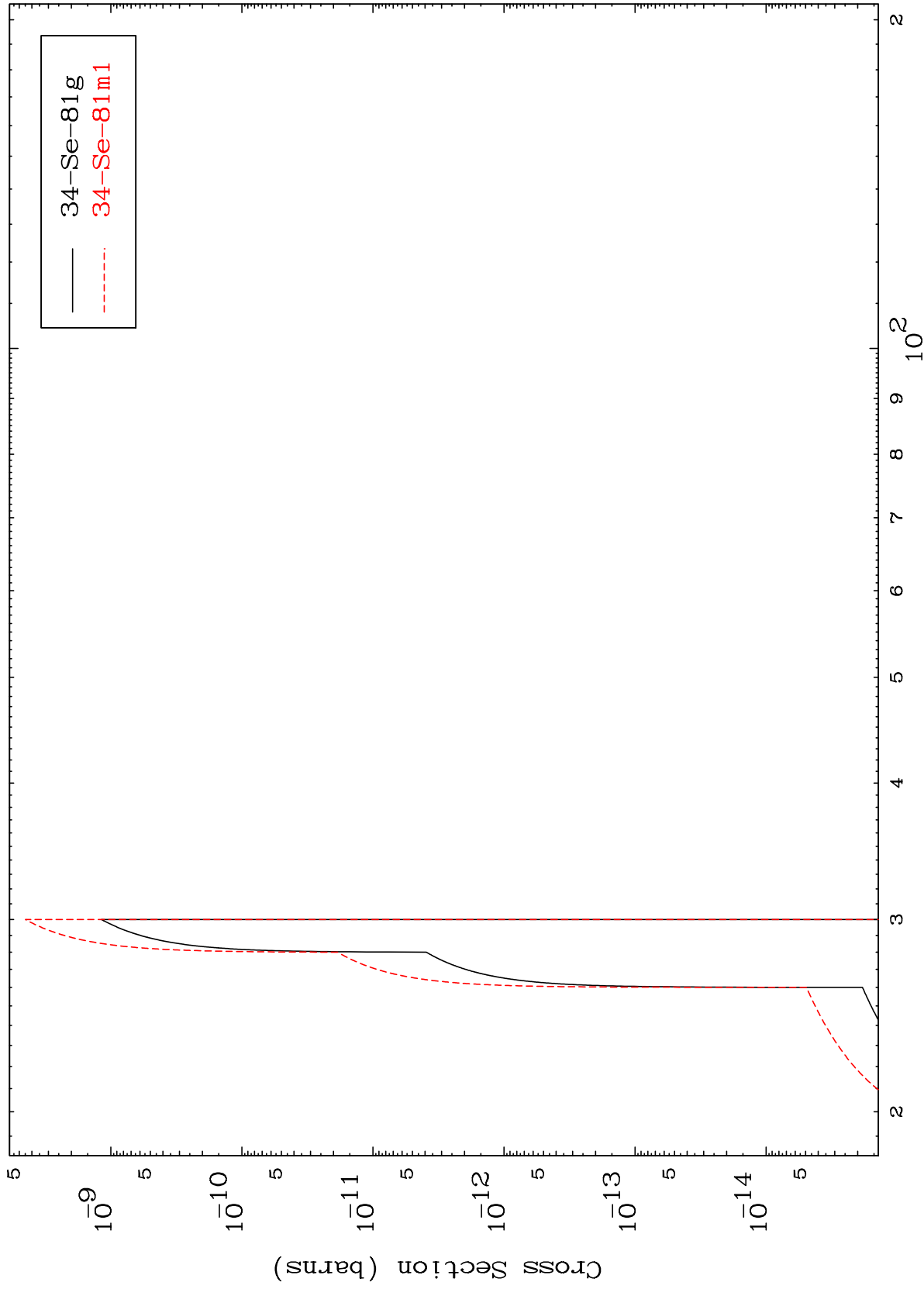


17

Incident Energy (MeV)

35-Br-83

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

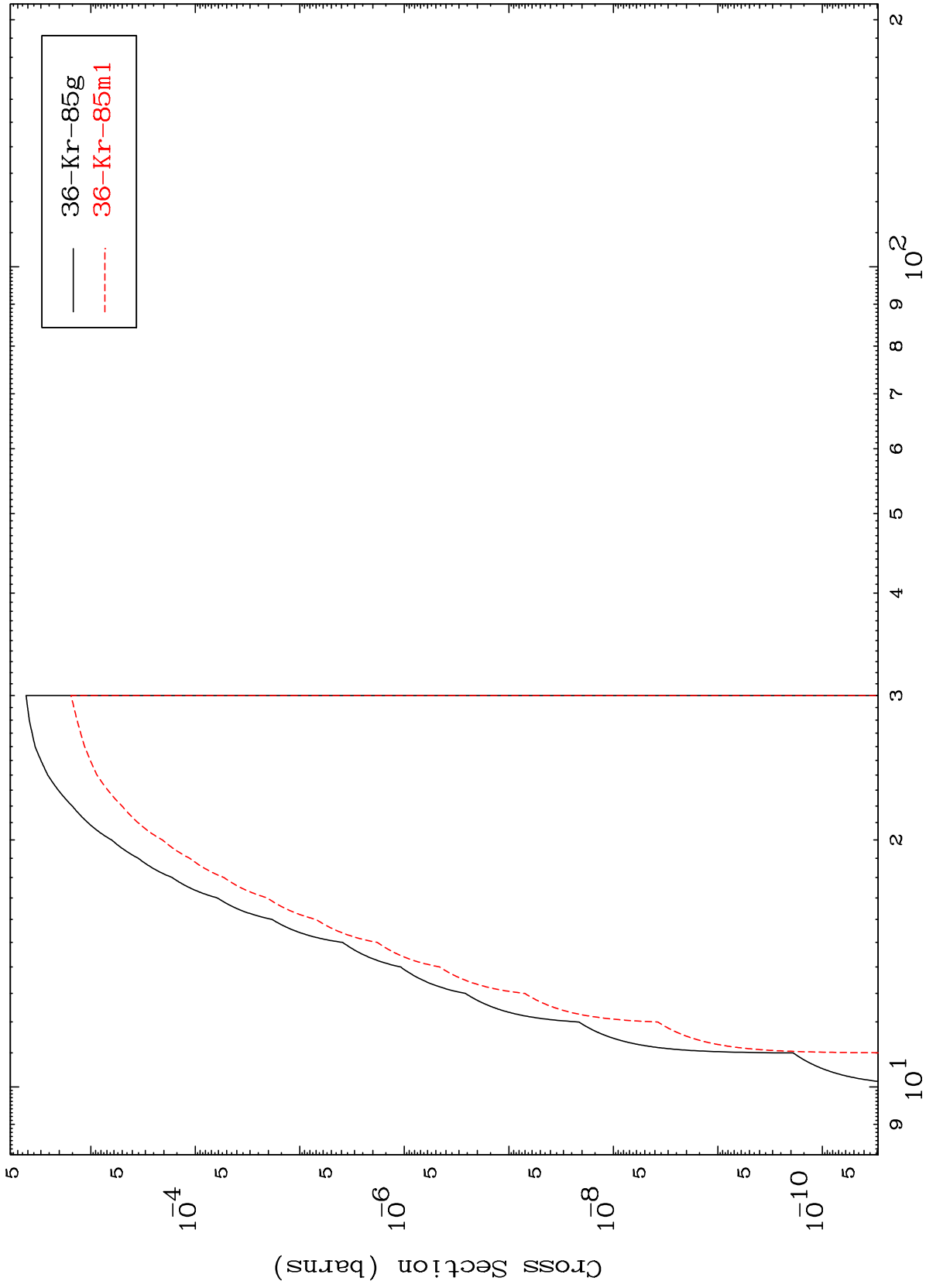


MAT 3537

(α, d)

35-Br-83

Radionuclide Production Cross Section



19

Incident Energy (MeV)

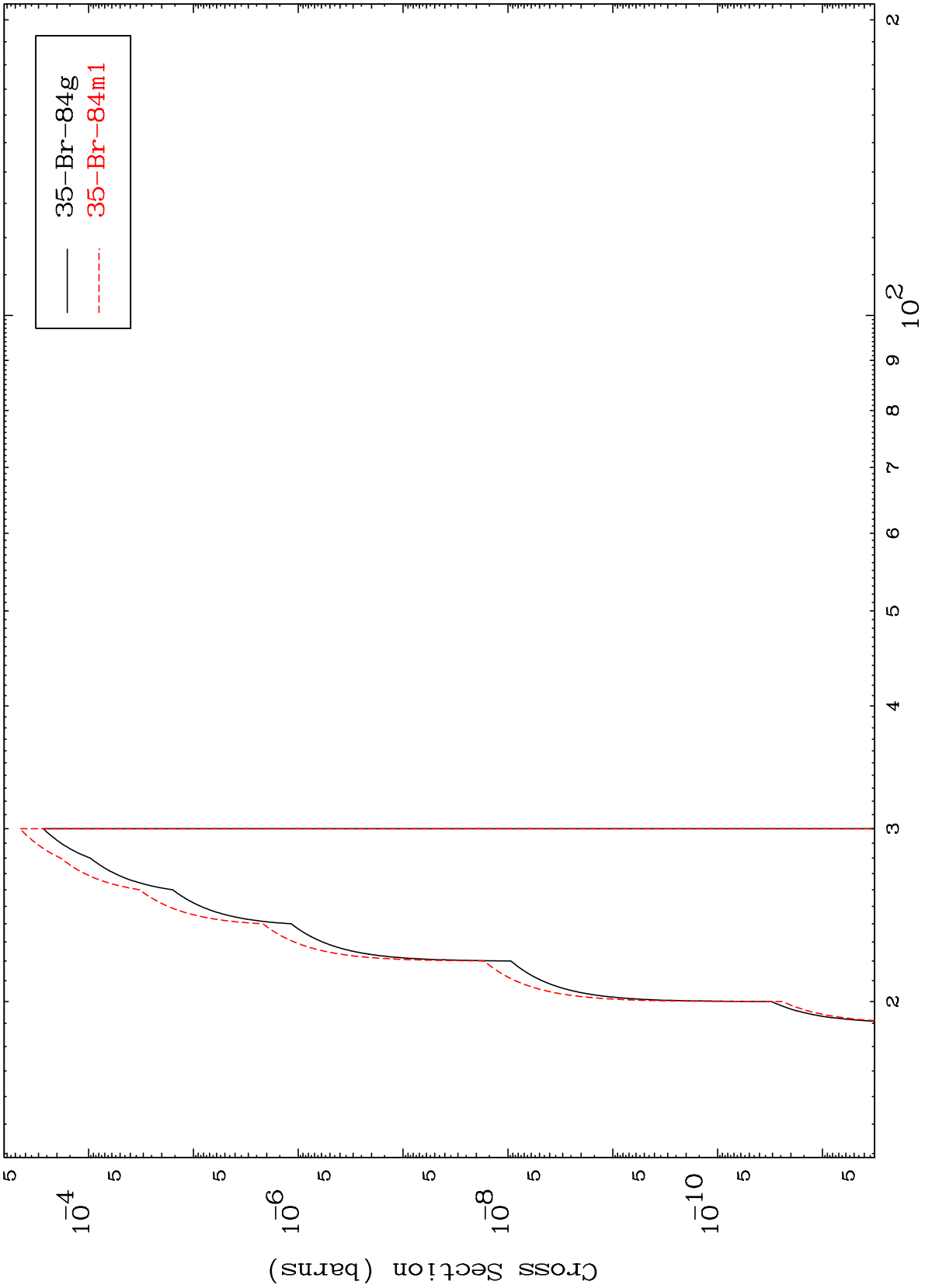
35-Br-83

MAT 3537

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

35-Br-83

Radionuclide Production Cross Section



20

Incident Energy (MeV)

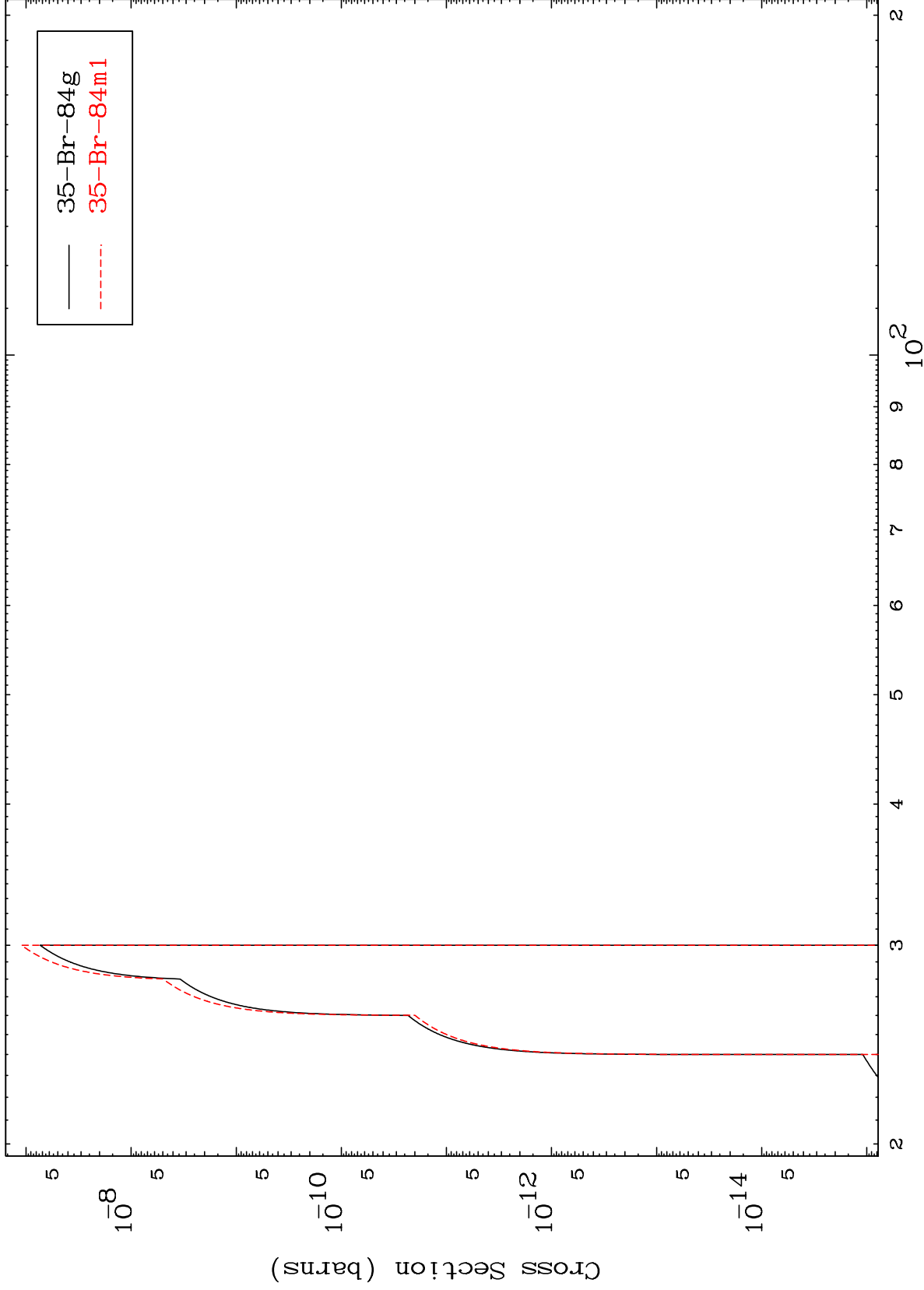
35-Br-83

MAT 3537

(α, p) d

35-Br-83

Radionuclide Production Cross Section



21

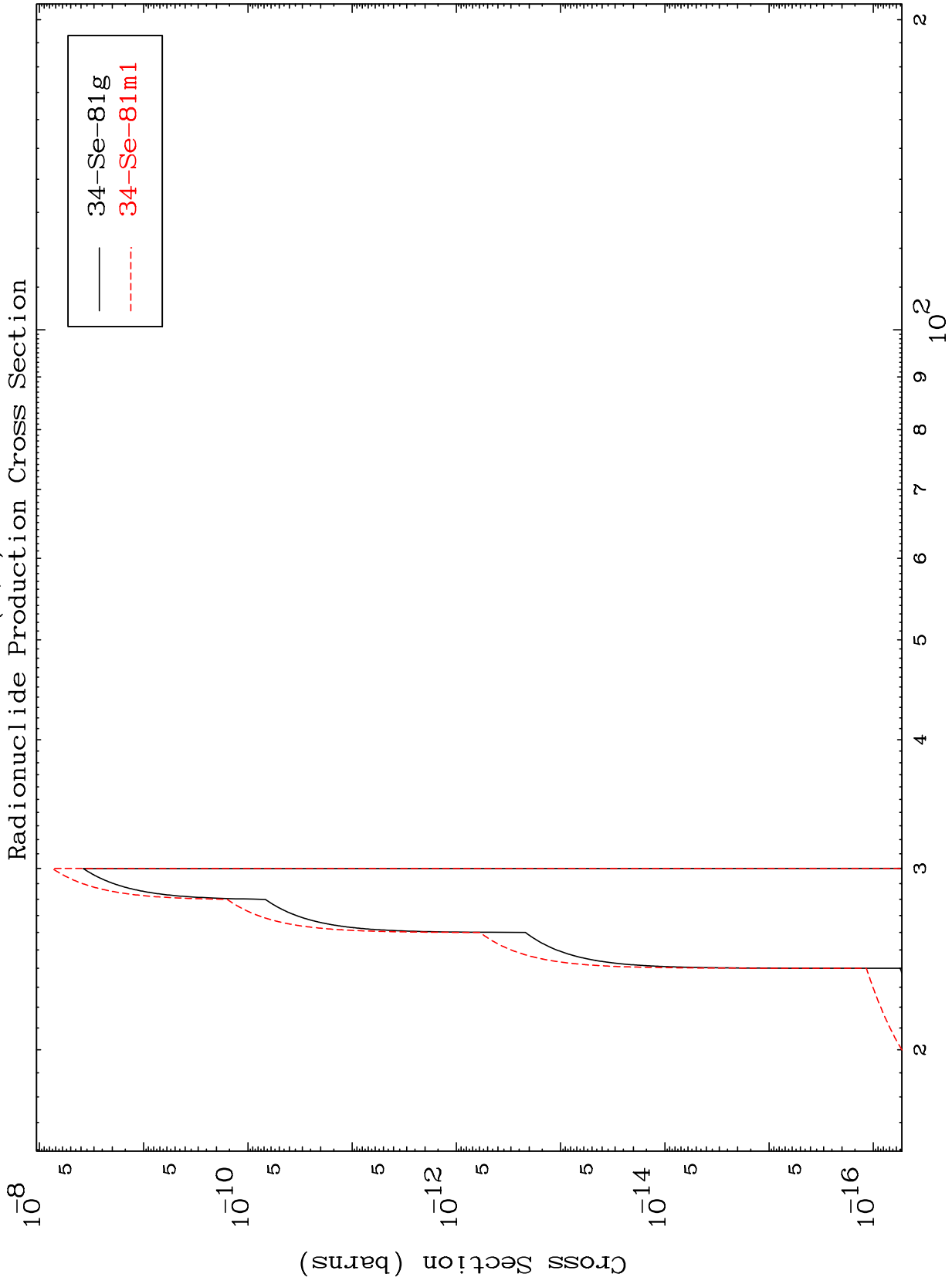
Incident Energy (MeV)

35-Br-83

MAT 3537

(α, d) α

35-Br-83



22

Incident Energy (MeV)

35-Br-83