

Program EVALPLOT
(Version 2021-1)

by

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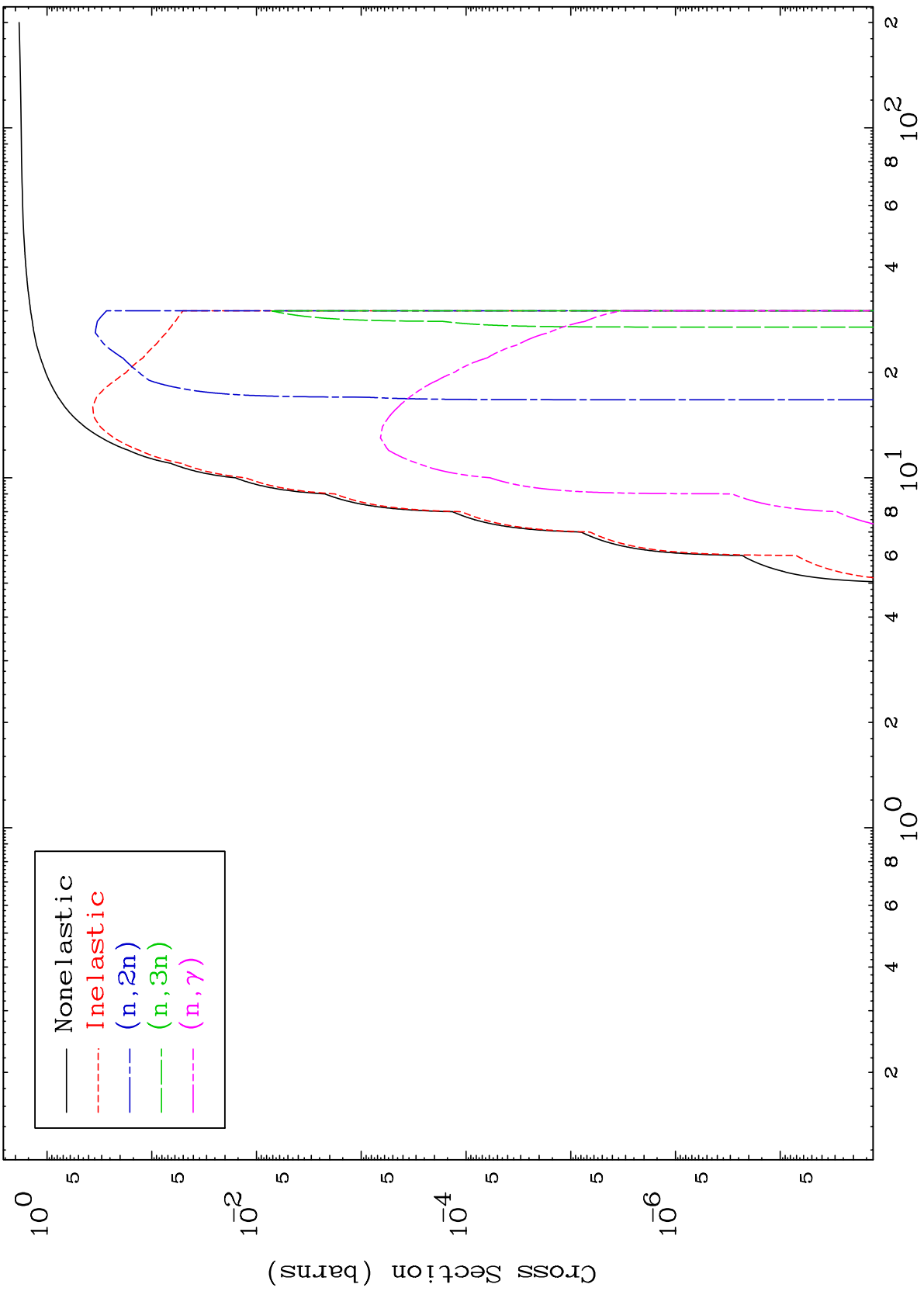
Press Mouse Button to Start

MAT 3717

α Major

37-Rb-82m

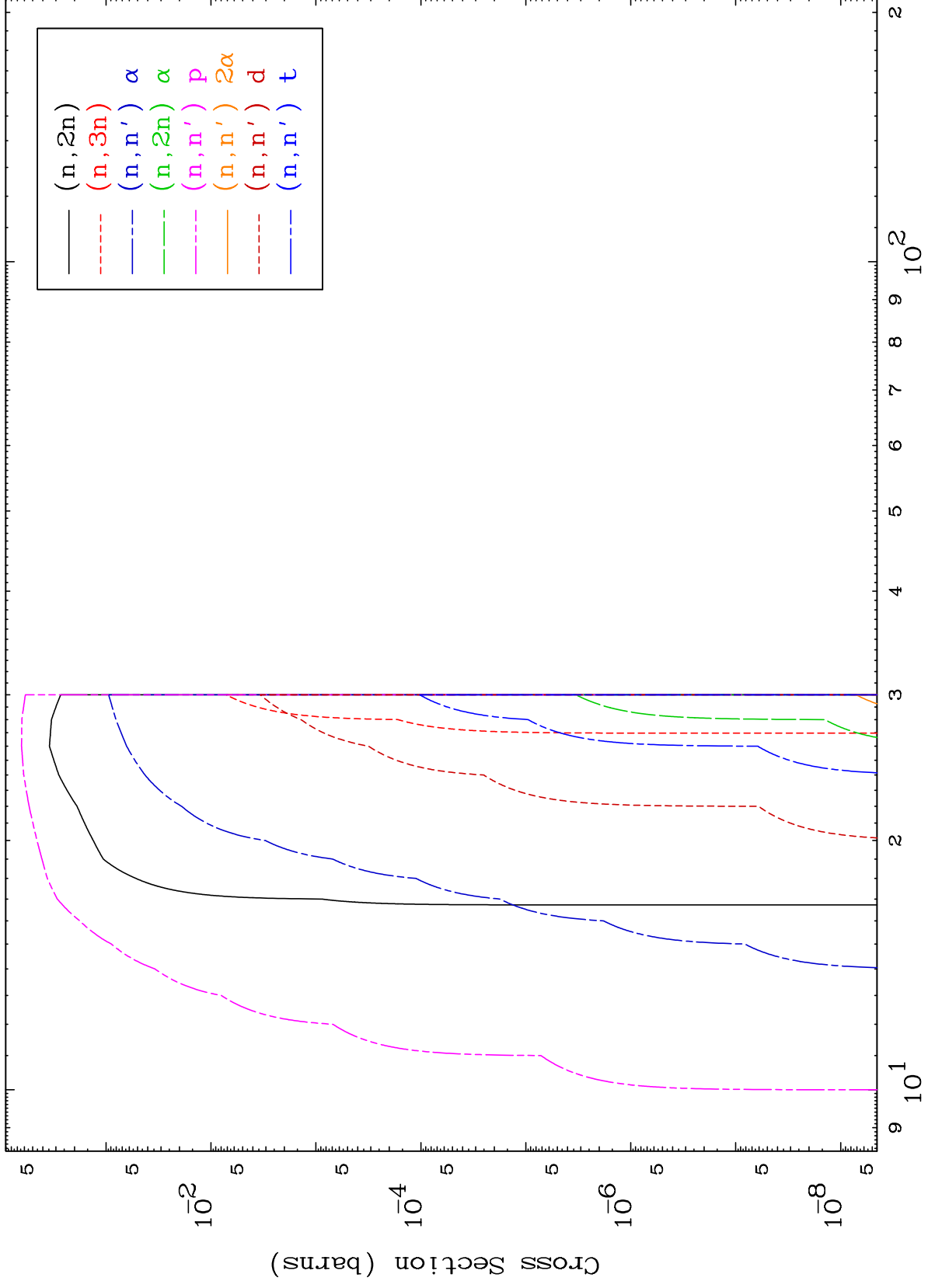
0 Kelvin Cross Sections



MAT 3717

α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-82m



2

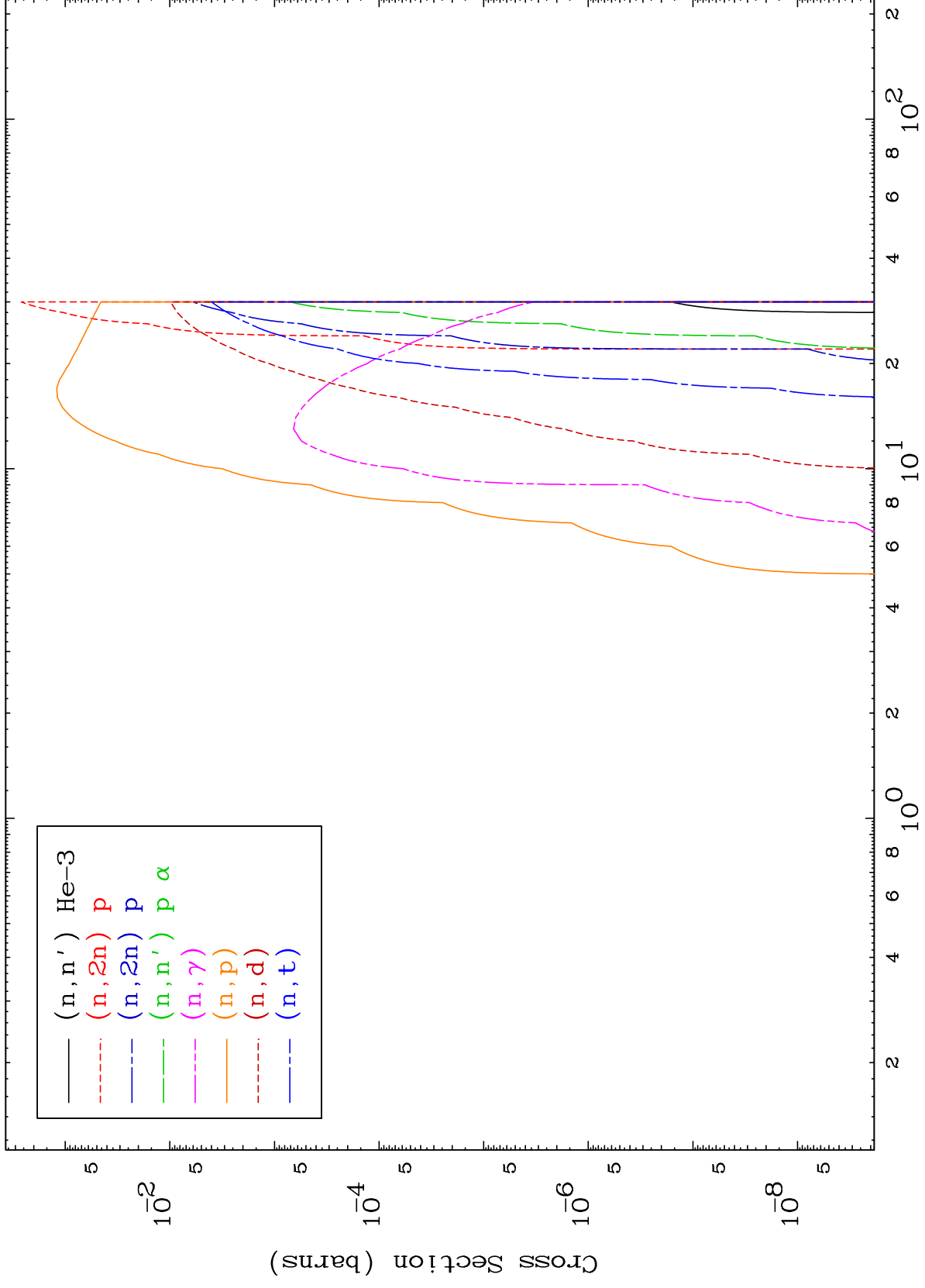
Incident Energy (MeV)

37-Rb-82m

MAT 3717

α Neutron Absorption
0 Kelvin Cross Sections

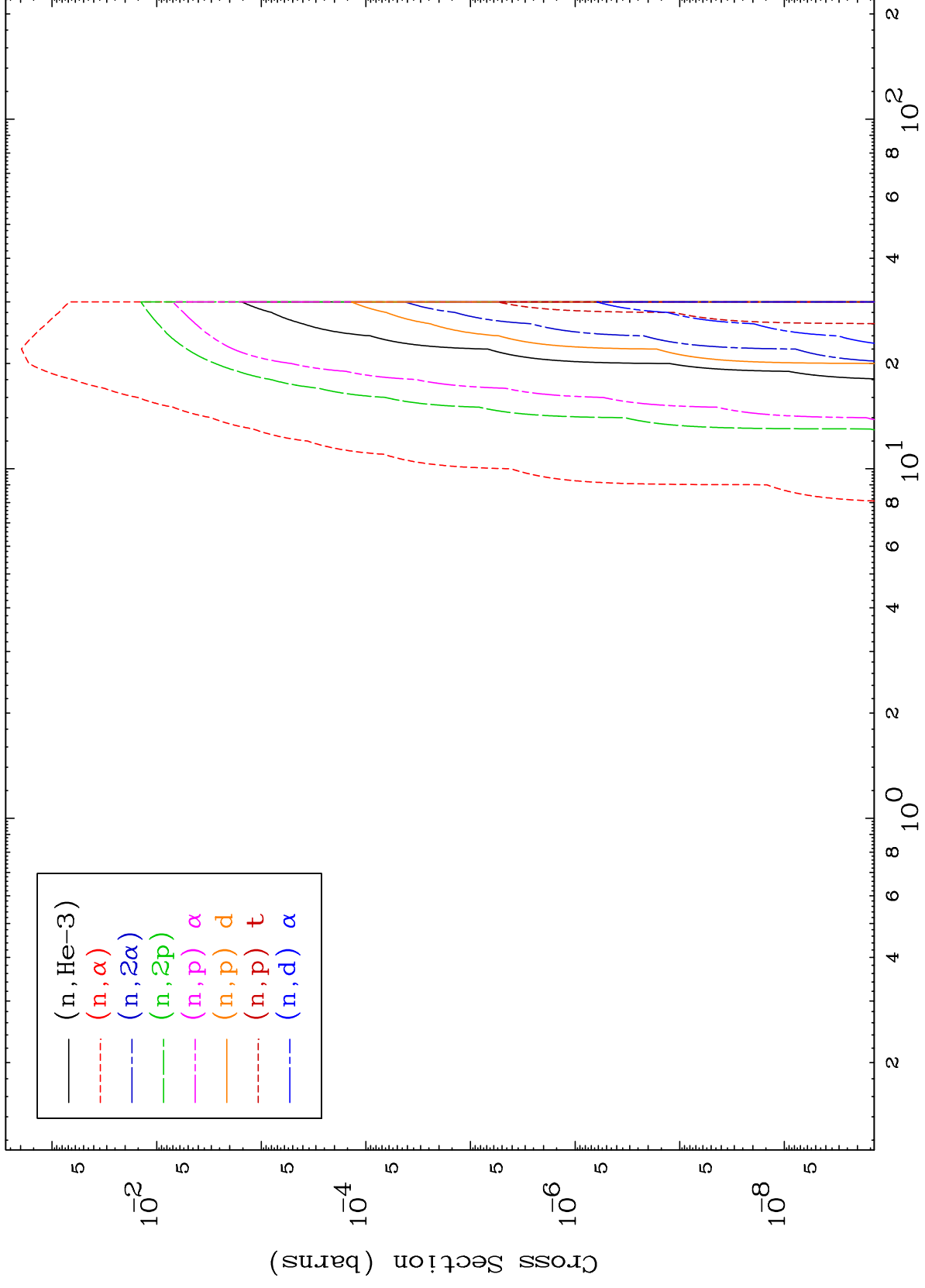
37-Rb-82m



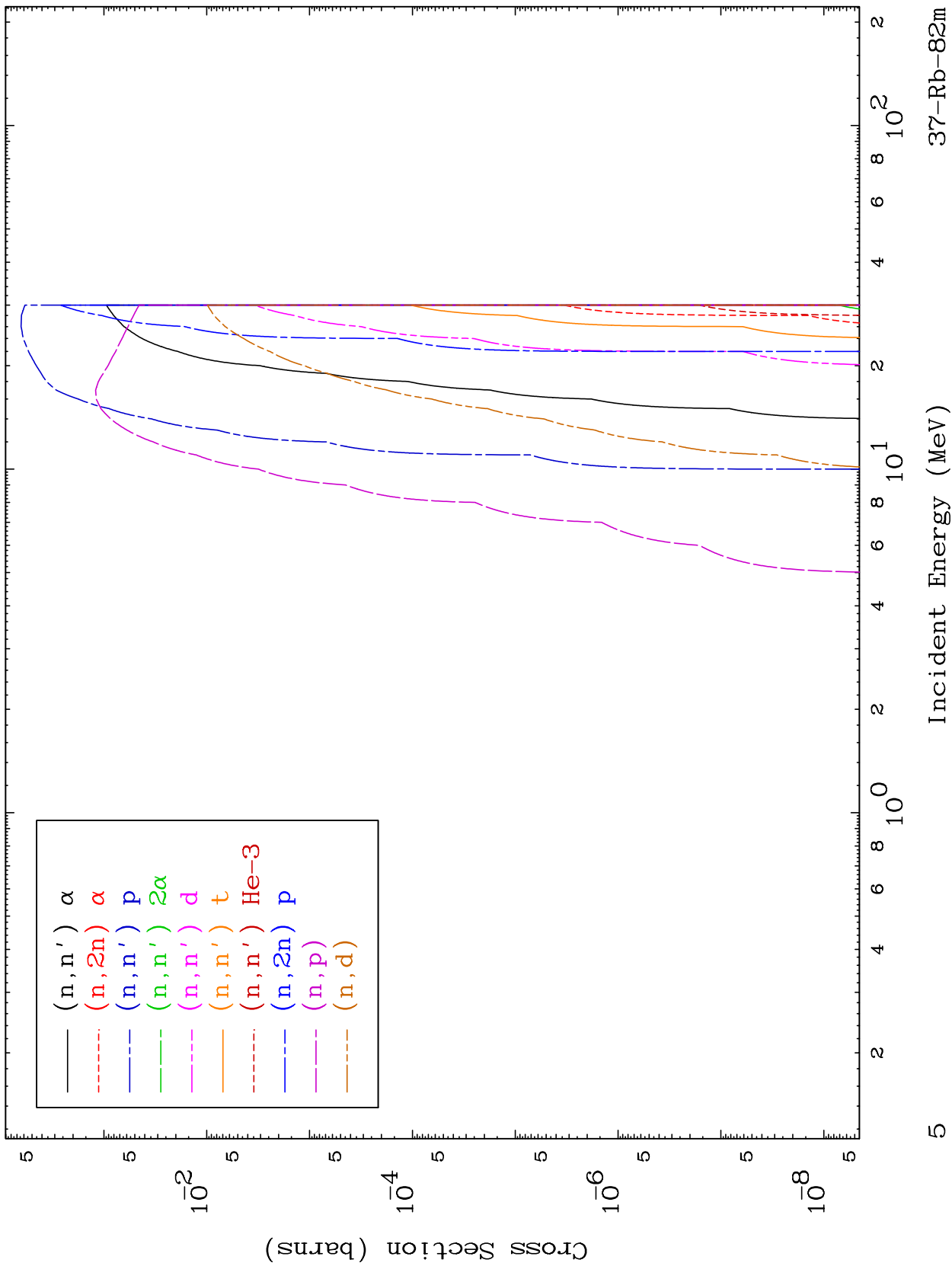
MAT 3717

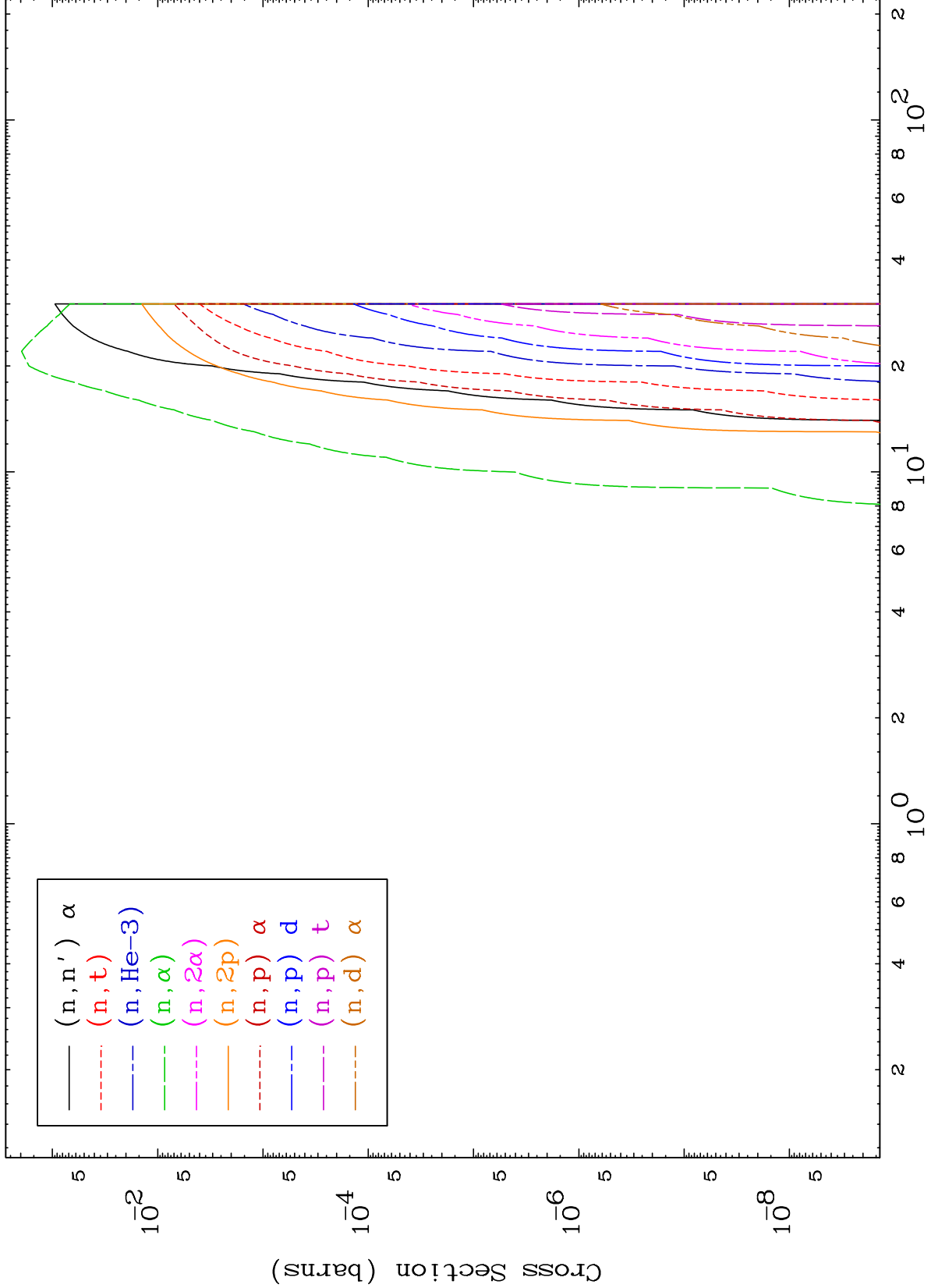
α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-82m



37-Rb-82m



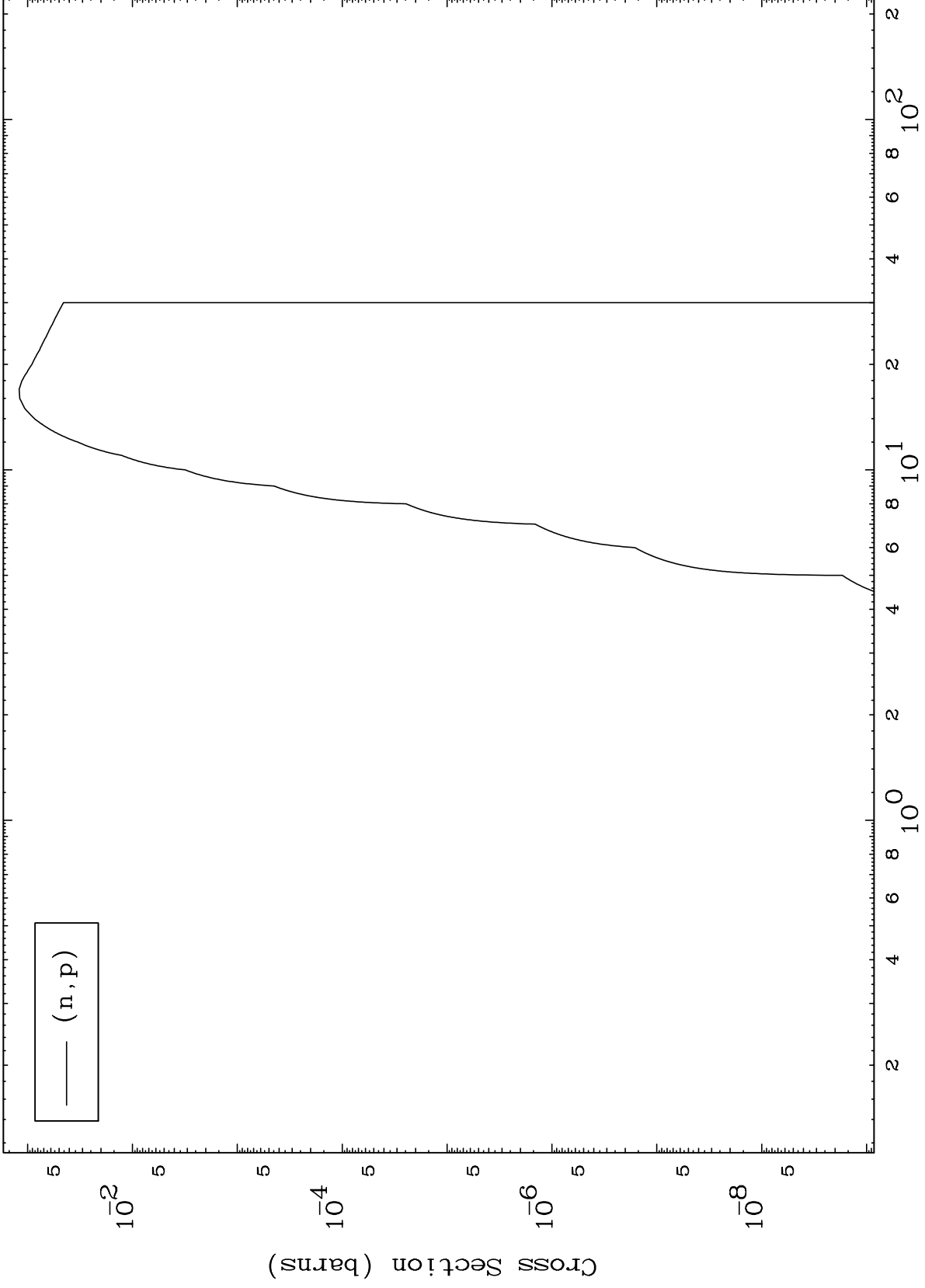


MAT 3717

(α, p) Levels

37-Rb-82m

0 Kelvin Cross Sections

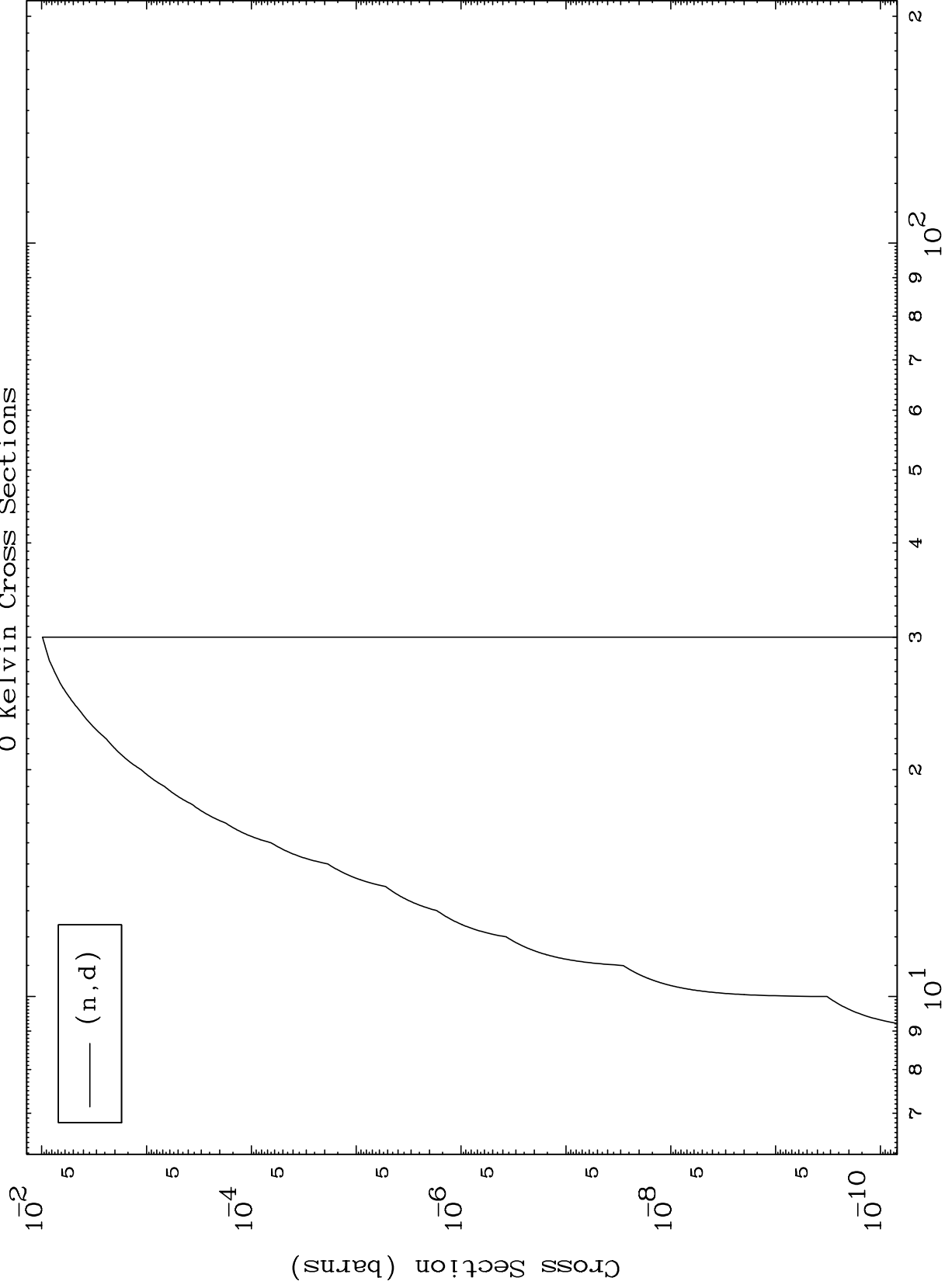


MAT 3717

(α, d) Levels

37-Rb-82m

0 Kelvin Cross Sections



8

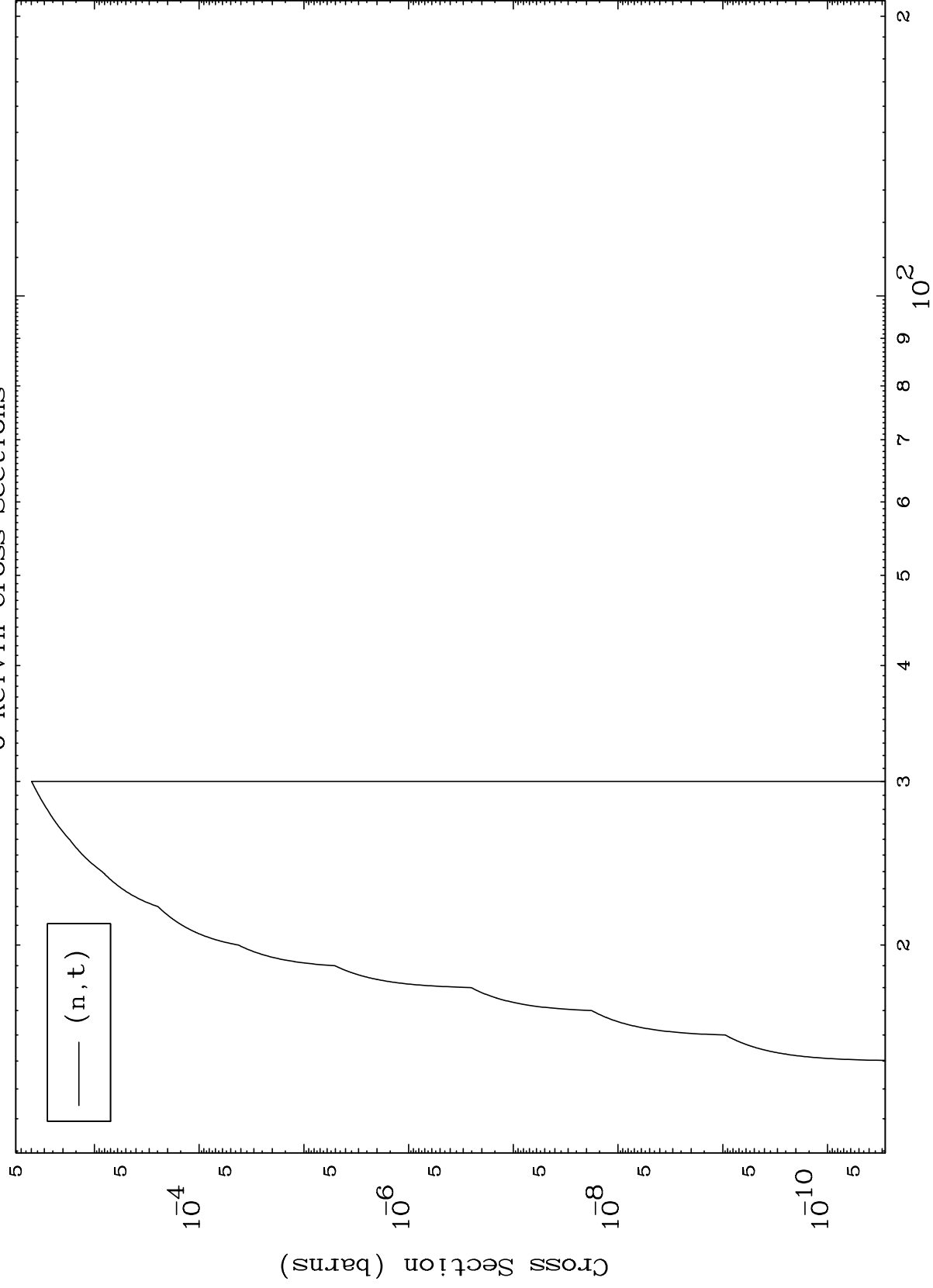
Incident Energy (MeV)

37-Rb-82m

MAT 3717

(α, t) Levels
0 Kelvin Cross Sections

37-Rb-82m



Incident Energy (MeV)

37-Rb-82m

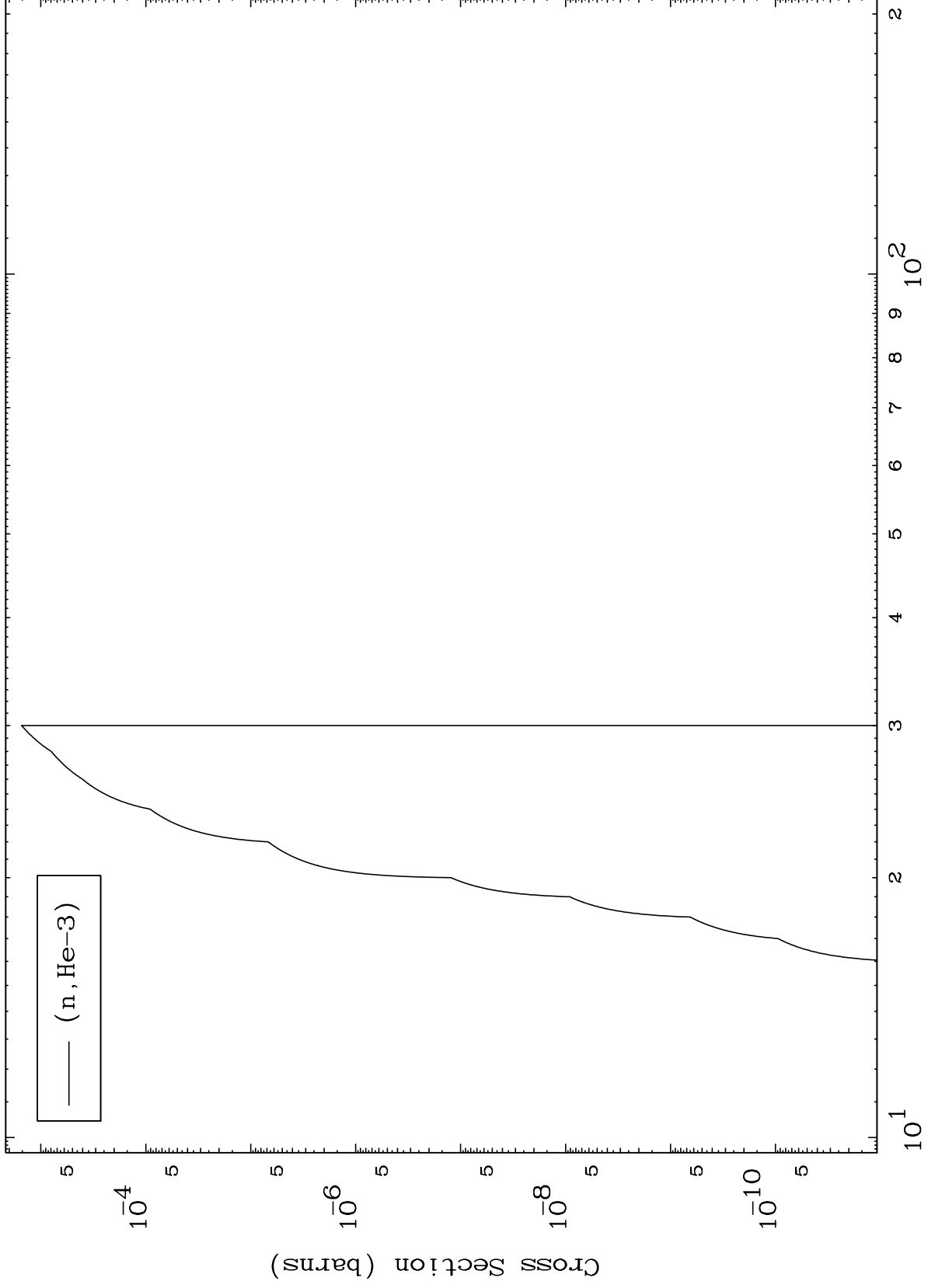
9

MAT 3717

(α , He3) Levels

37-Rb-82m

0 Kelvin Cross Sections



Incident Energy (MeV)

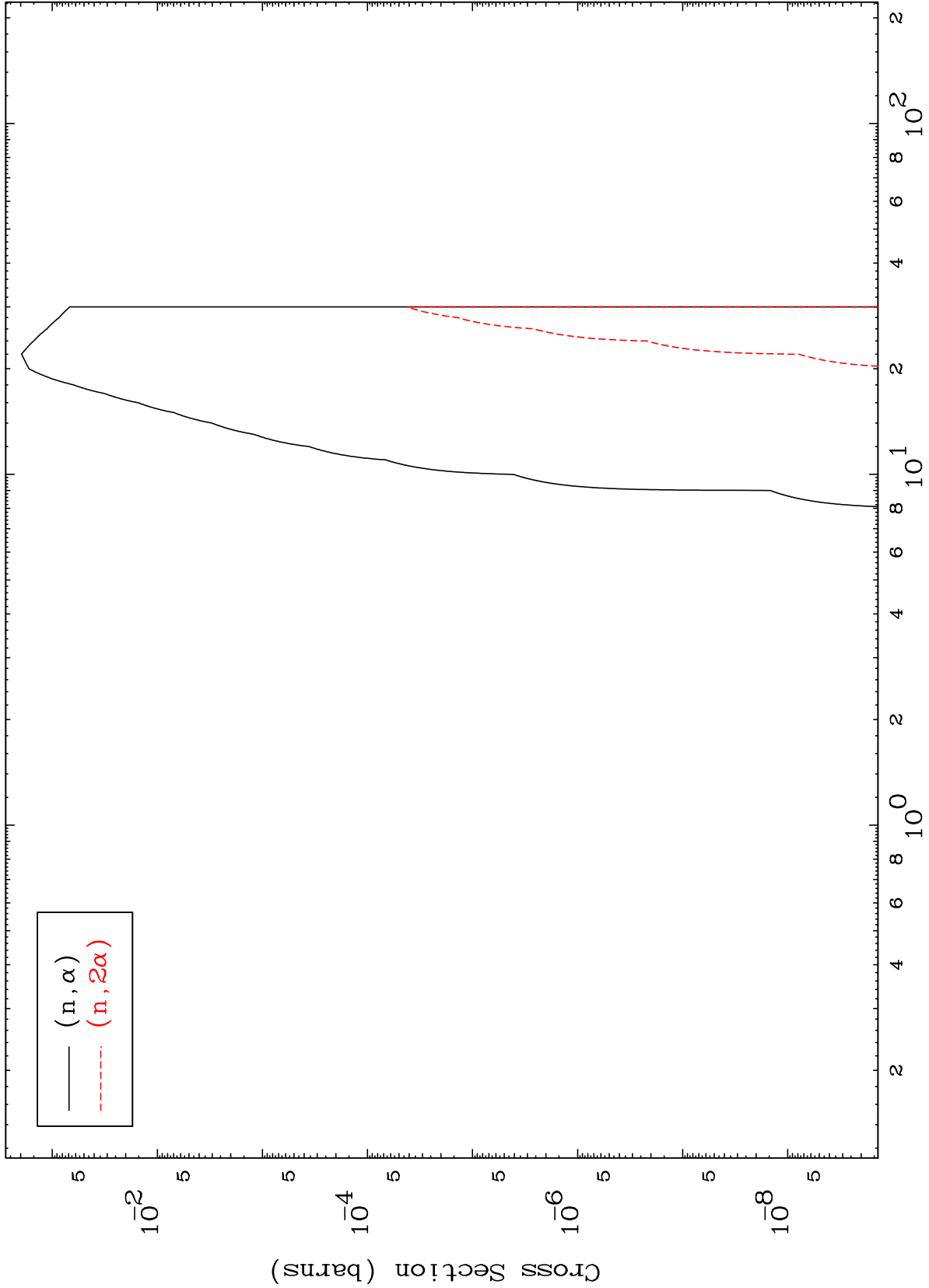
37-Rb-82m

MAT 3717

(α, α) Levels

37-Rb-82m

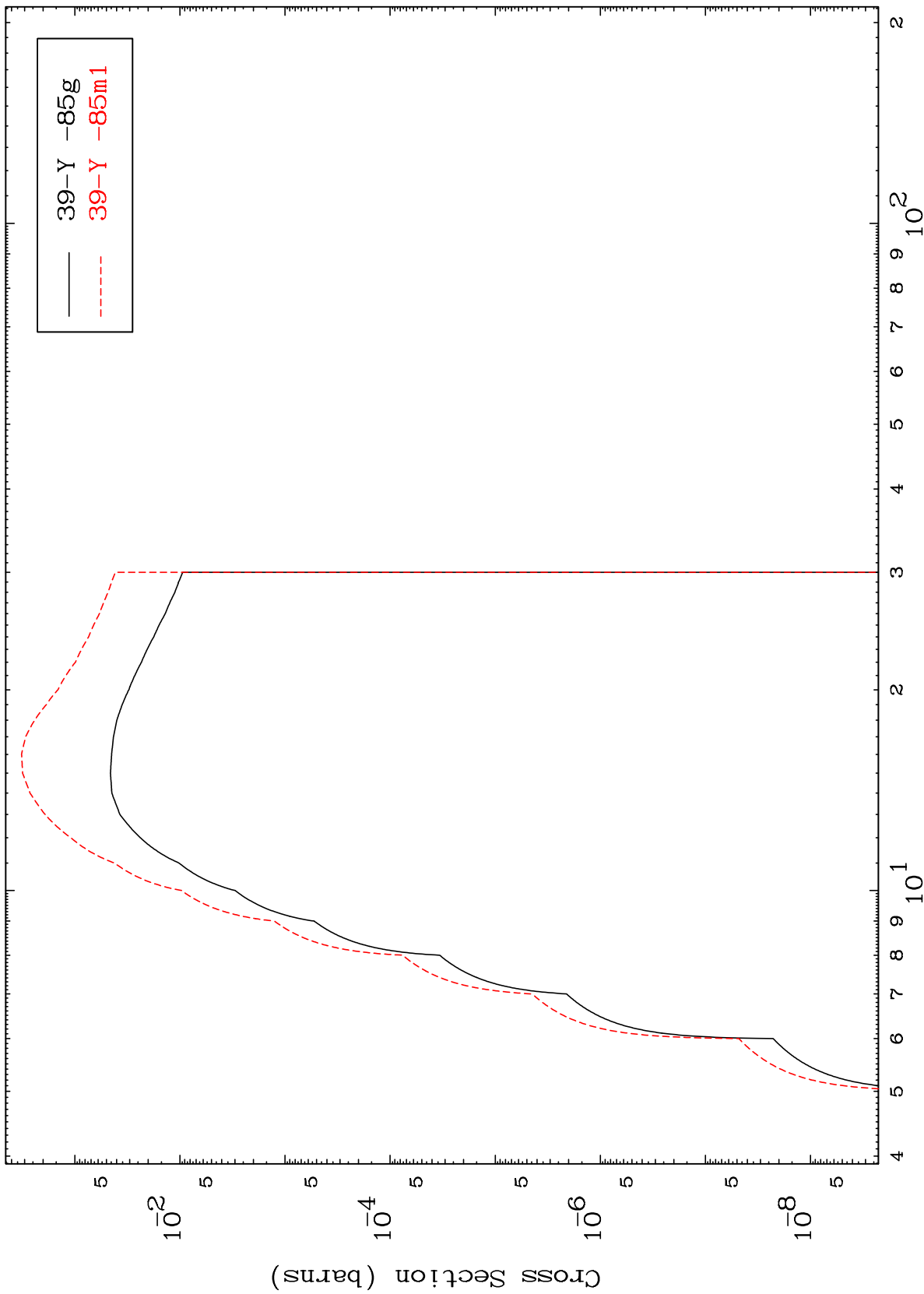
0 Kelvin Cross Sections



MAT 3717

37-Rb-82m

Inelastic Radionuclide Production Cross Section



12

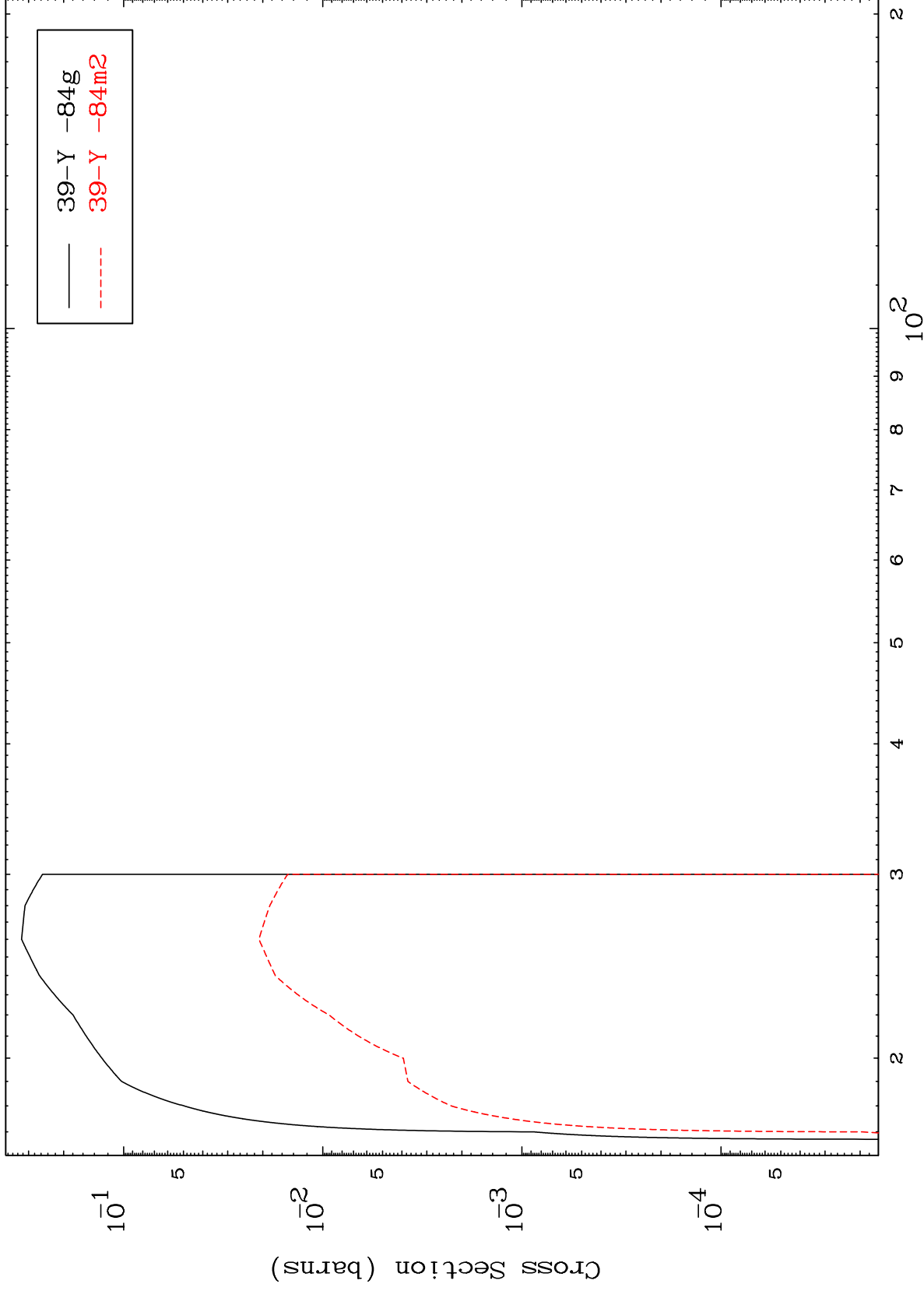
Incident Energy (MeV)

37-Rb-82m

MAT 3717

37-Rb-82m

(n,2n)
Radionuclide Production Cross Section



13

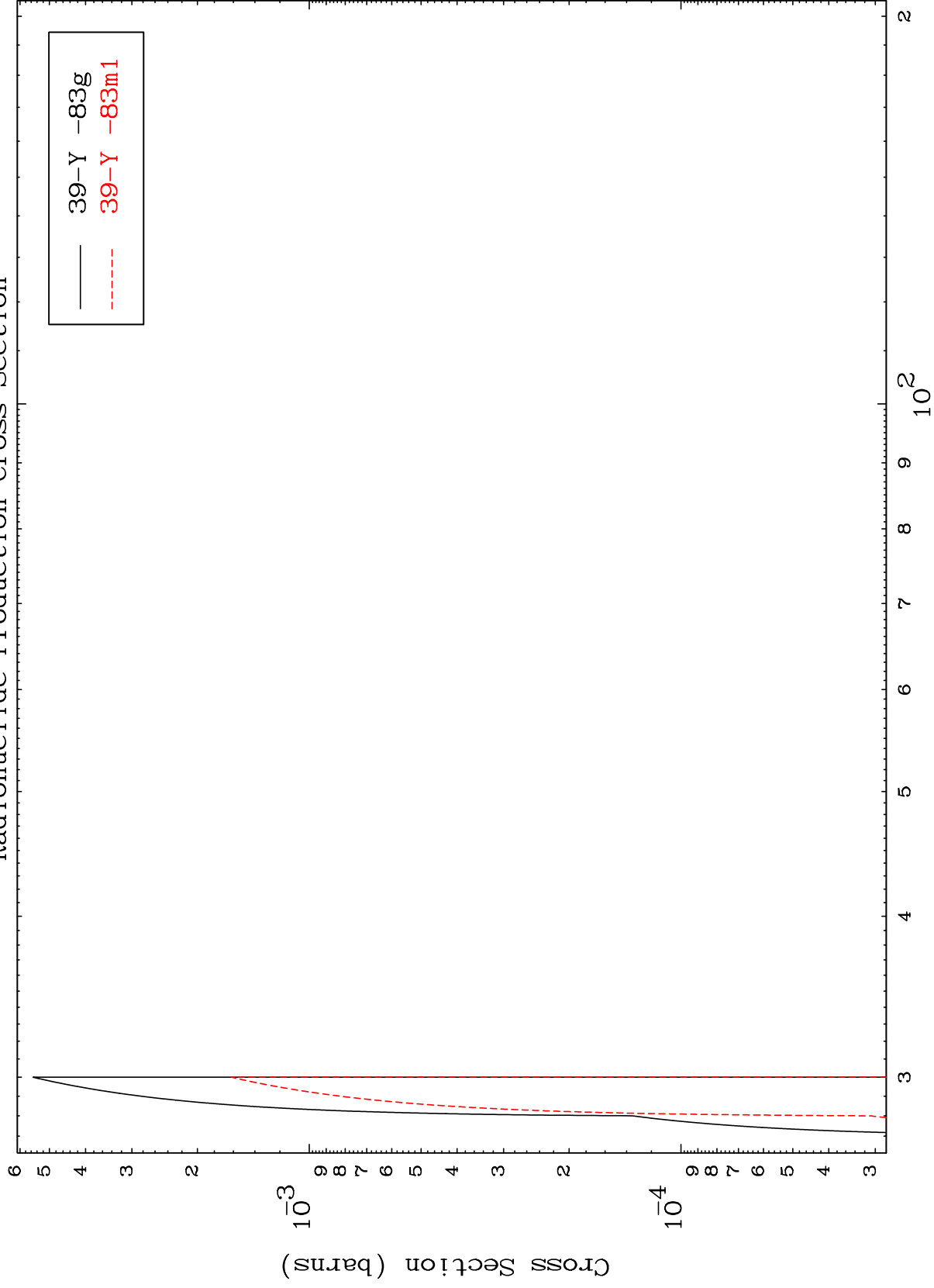
Incident Energy (MeV)

37-Rb-82m

MAT 3717

37-Rb-82m

(n,3n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

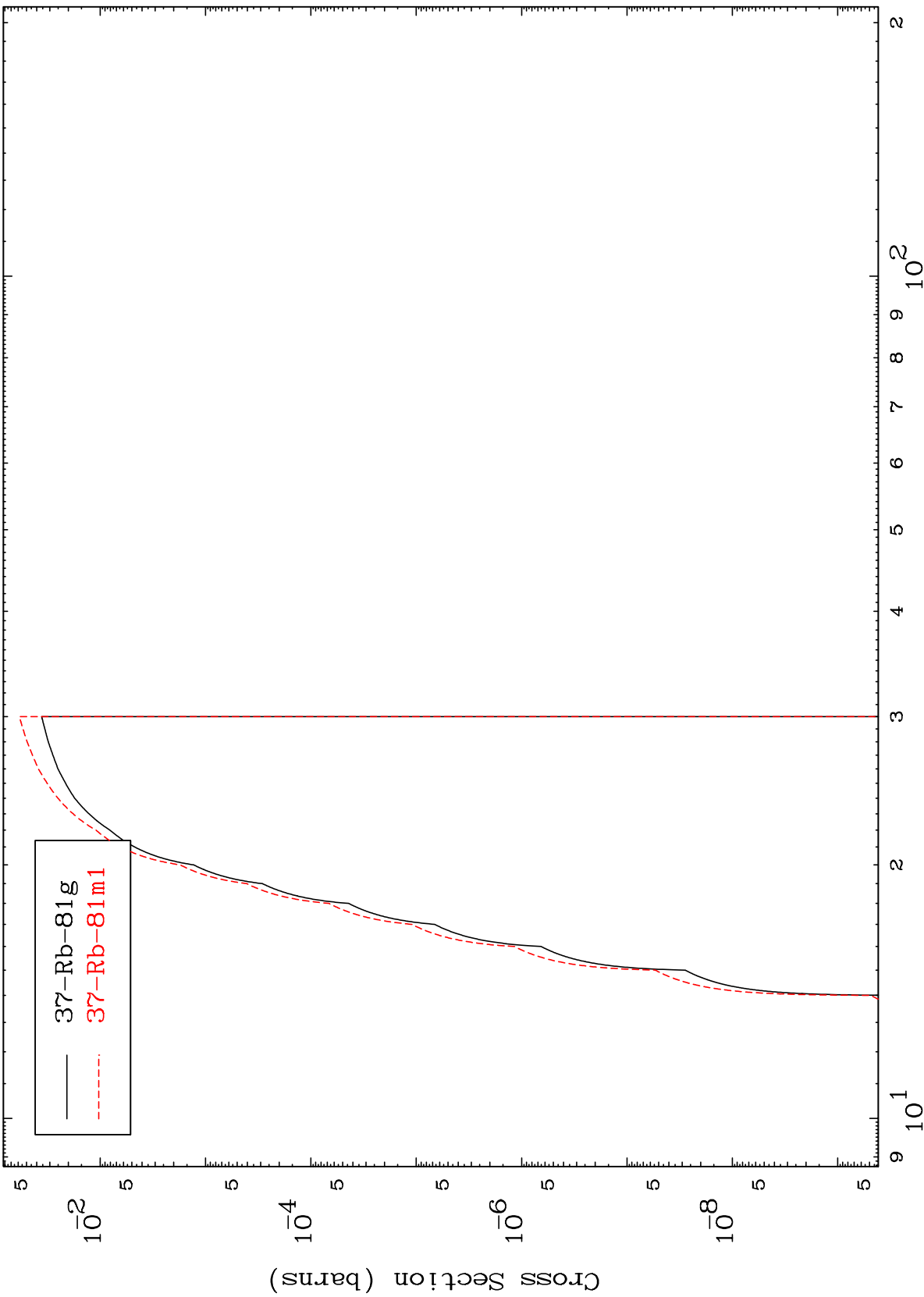
37-Rb-82m

MAT 3717

$(n, n') \alpha$

37-Rb-82m

Radionuclide Production Cross Section



Incident Energy (MeV)

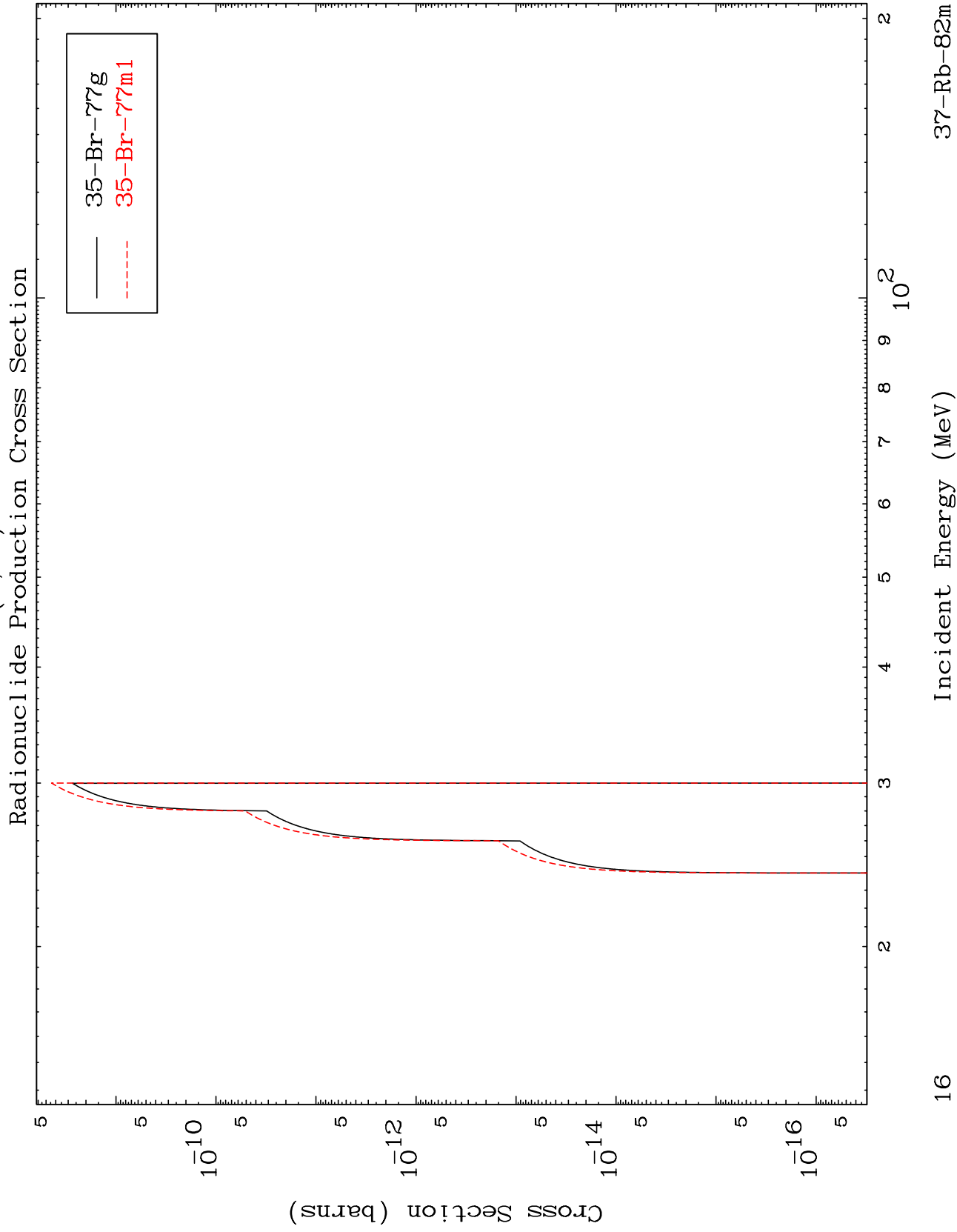
37-Rb-82m

15

MAT 3717

(n,n') 2 α

37-Rb-82m



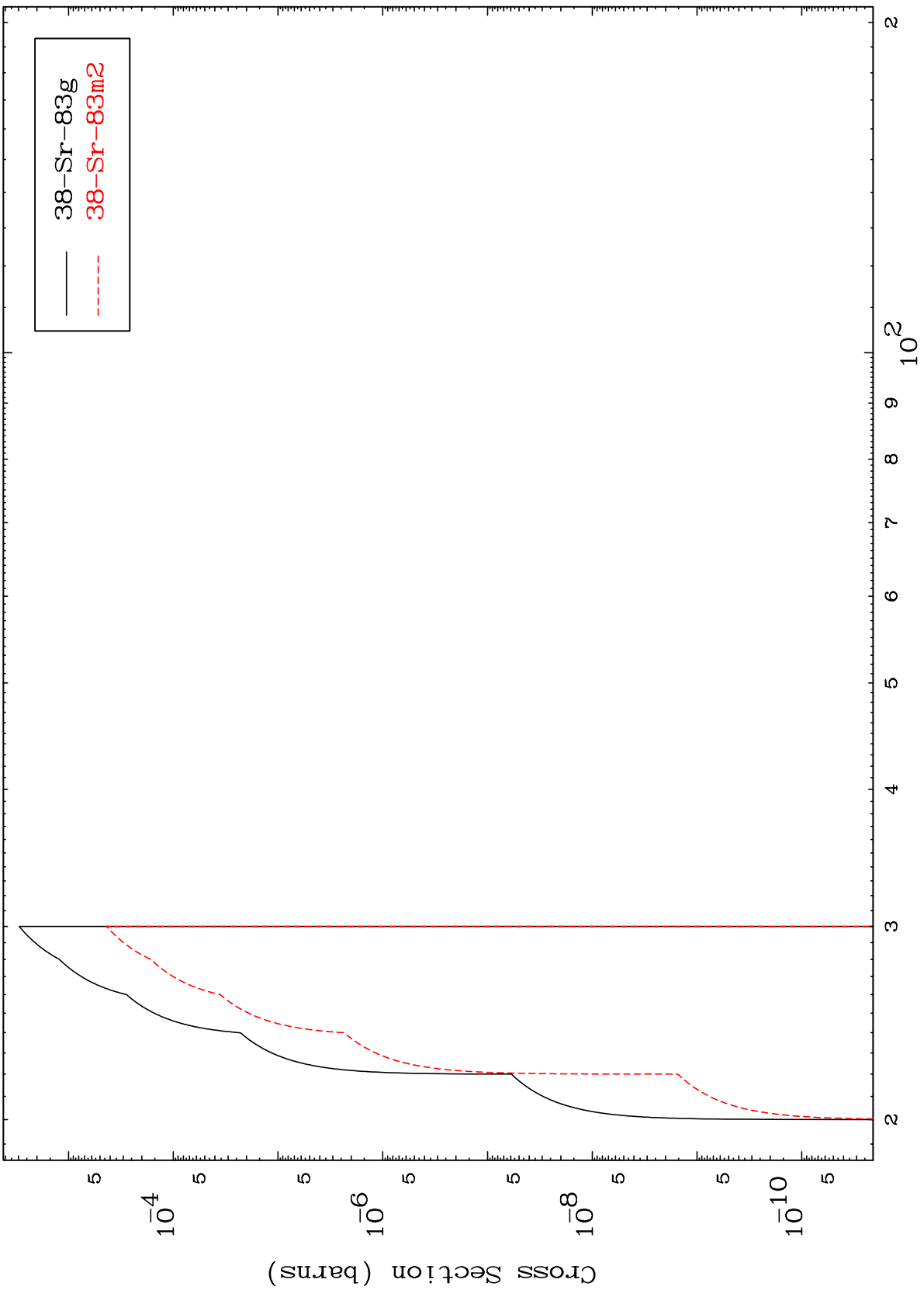
16

MAT 3717

(n,n') d

37-Rb-82m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

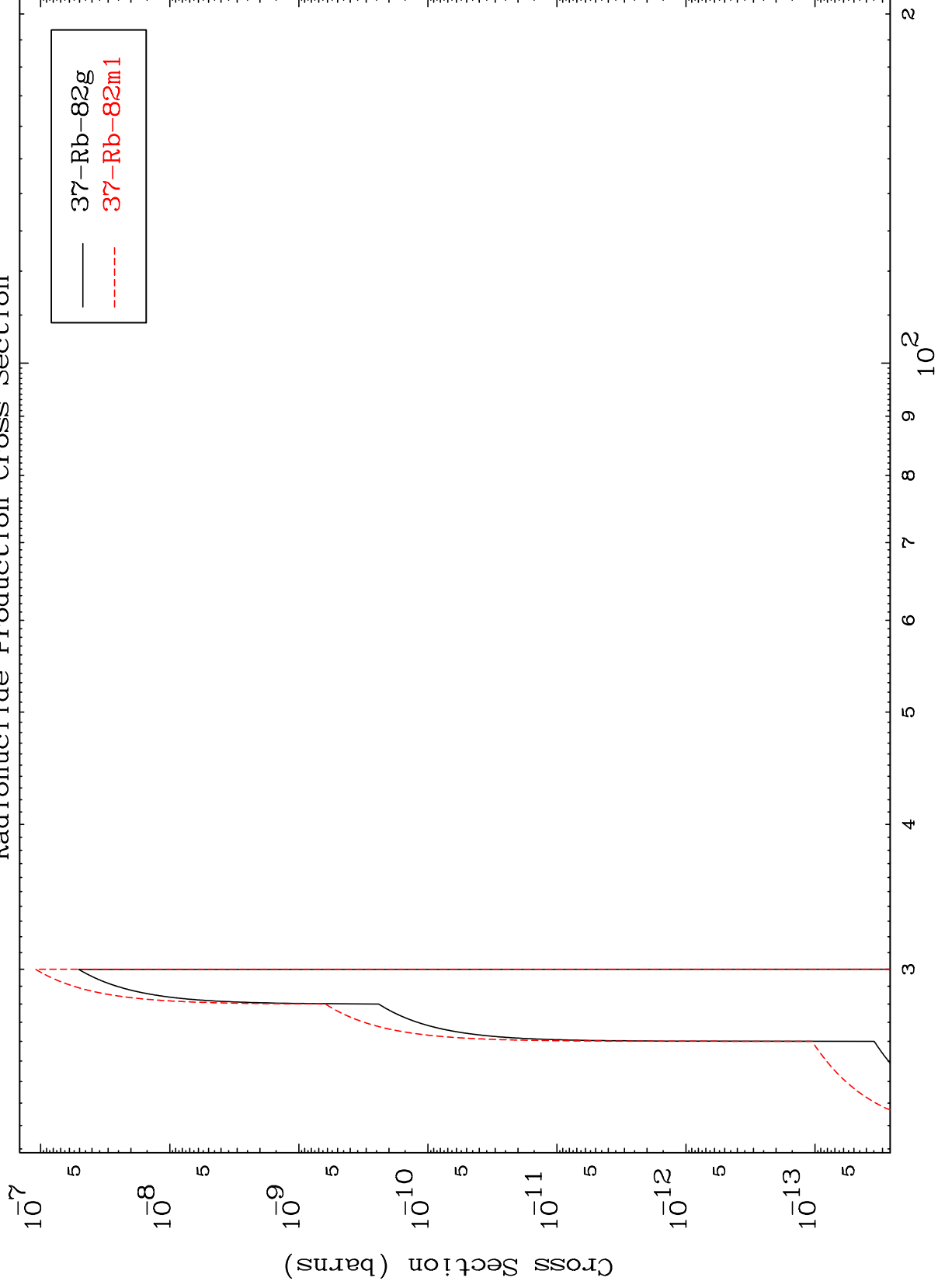
37-Rb-82m

MAT 3717

(n,n') He-3

37-Rb-82m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

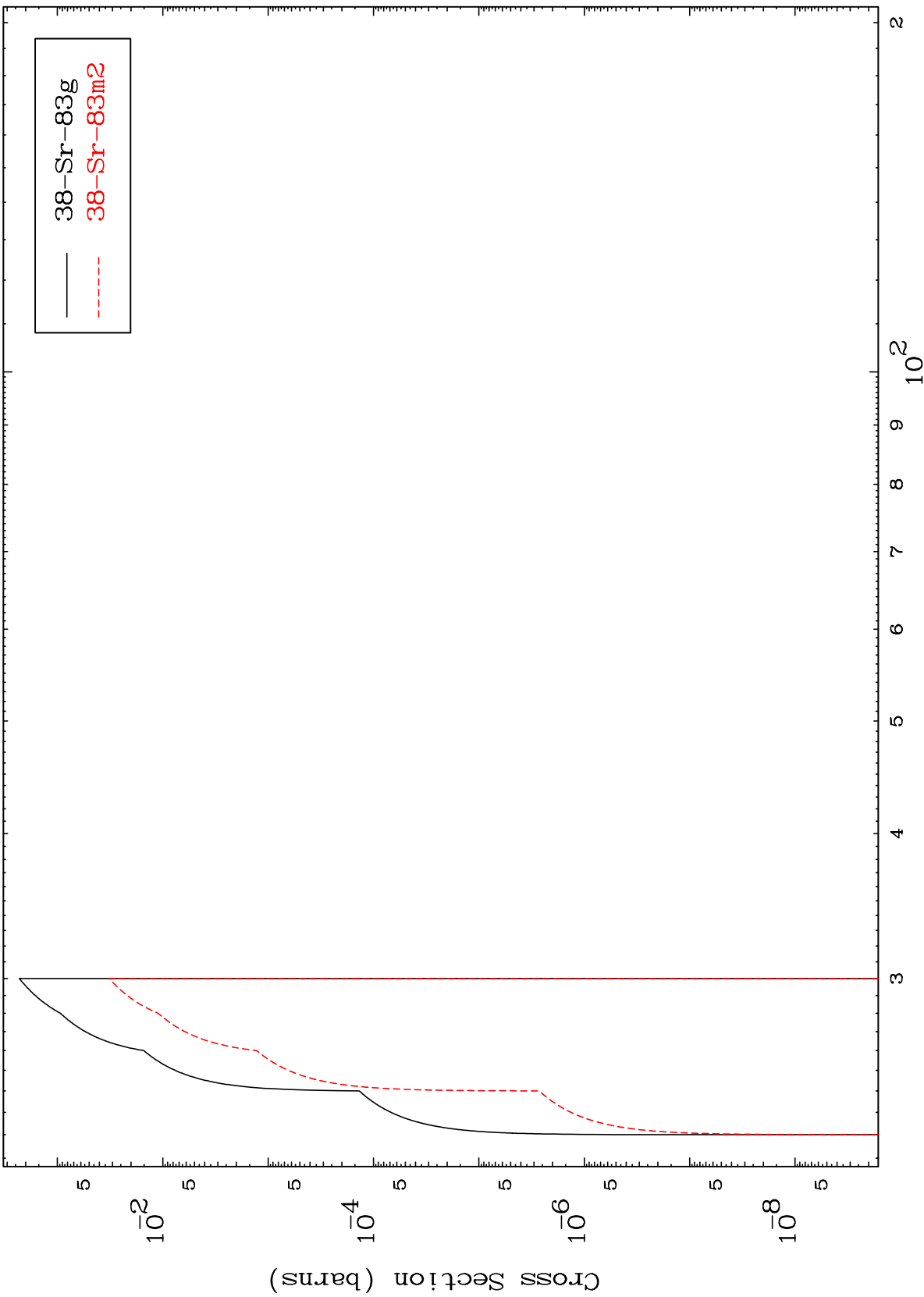
37-Rb-82m

MAT 3717

(n,2n) p

37-Rb-82m

Radionuclide Production Cross Section



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

19

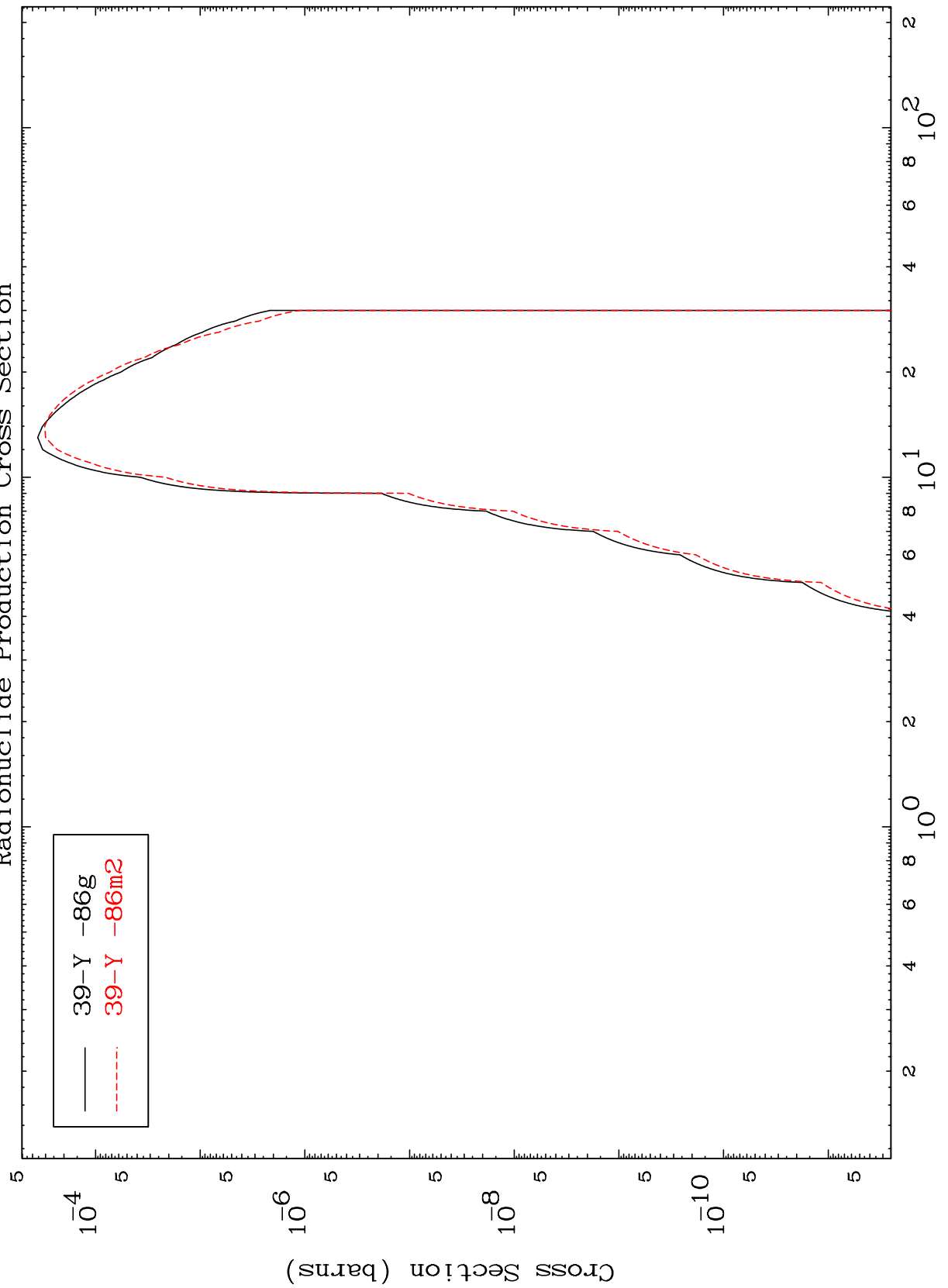
Incident Energy (MeV)

37-Rb-82m

MAT 3717

37-Rb-82m

Radionuclide Production Cross Section
(n, γ)



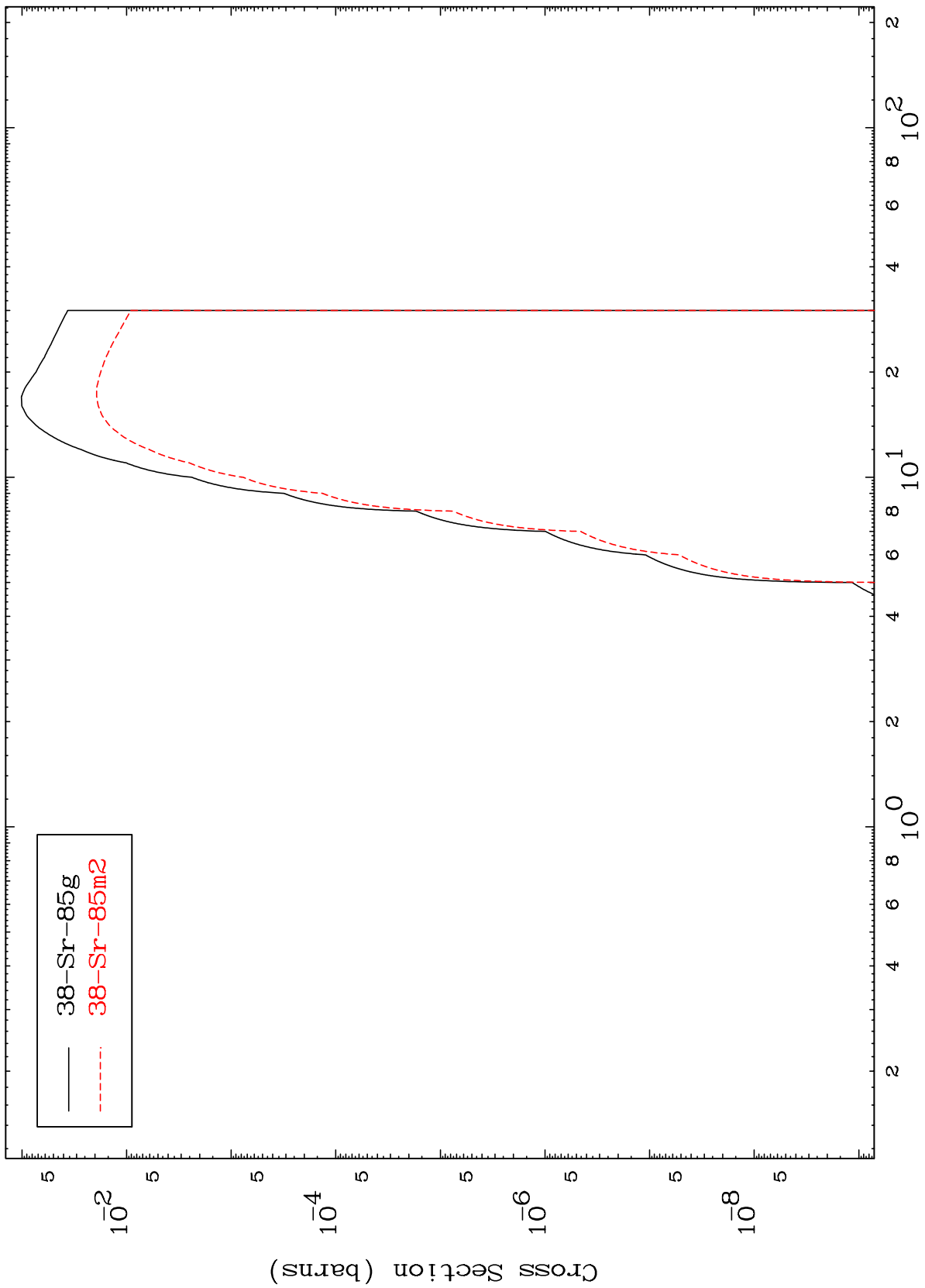
20

37-Rb-82m

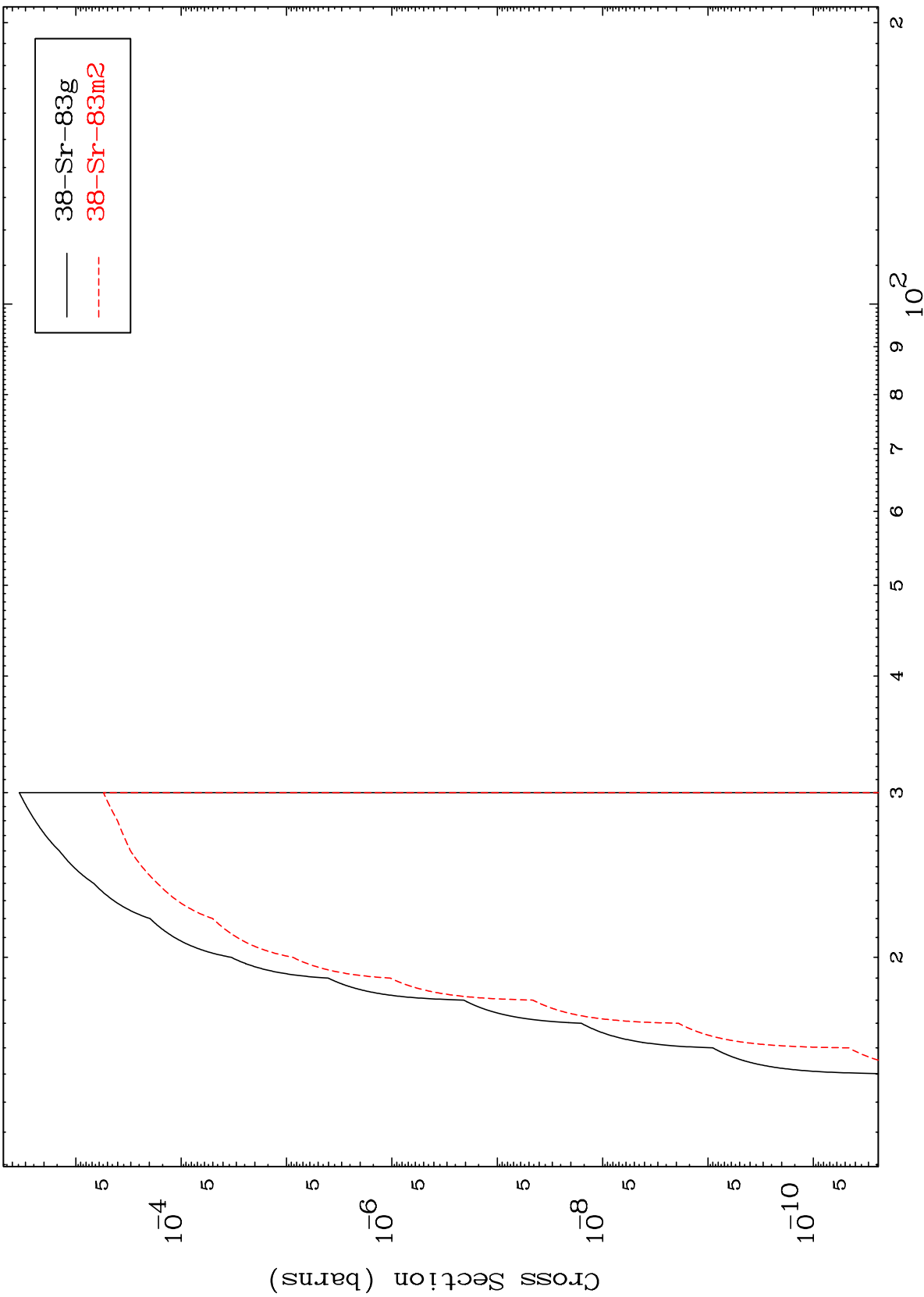
MAT 3717

37-Rb-82m

(n,p)
Radionuclide Production Cross Section



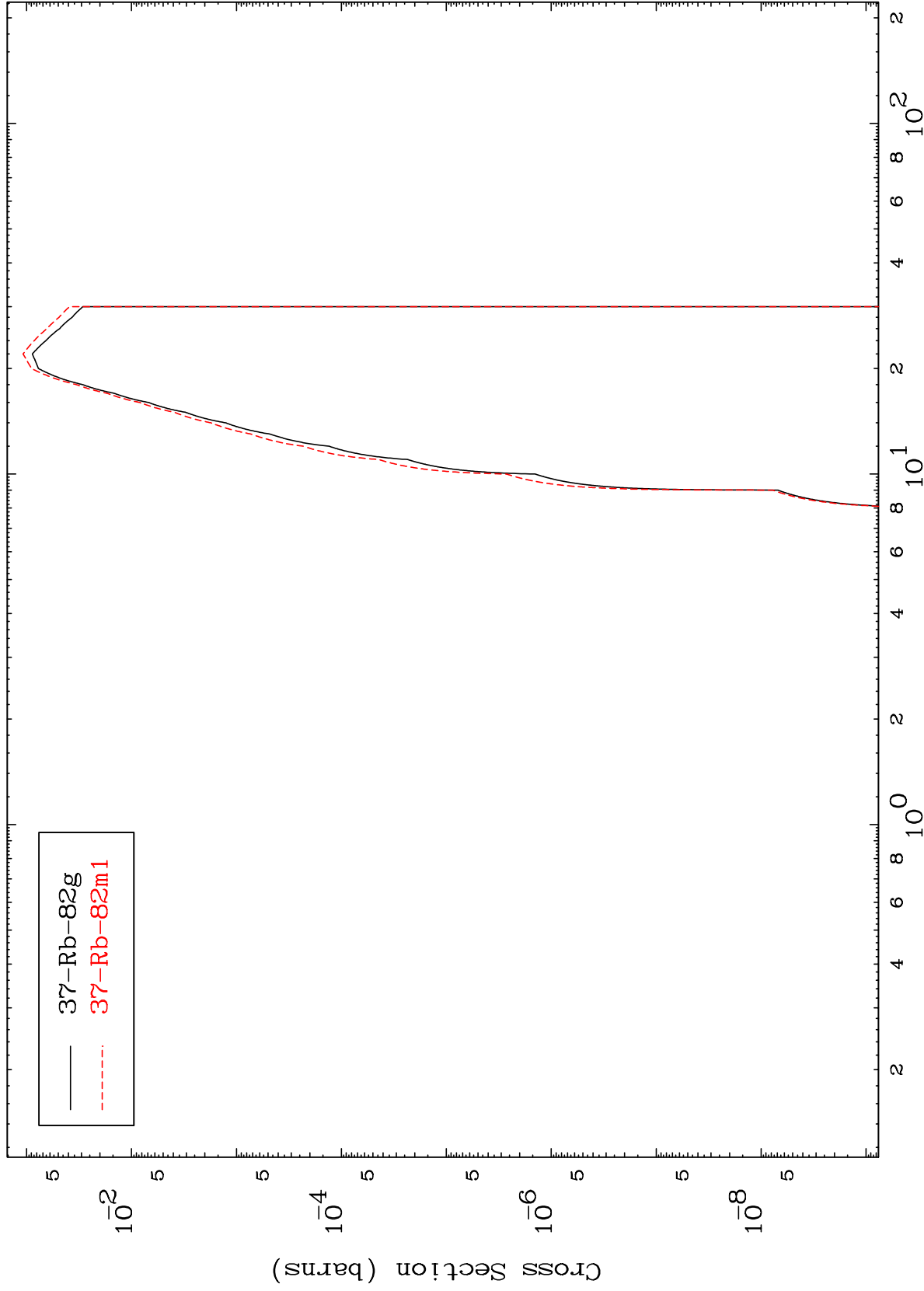
Radionuclide Production Cross Section



MAT 3717

37-Rb-82m

Radionuclide Production Cross Section



23

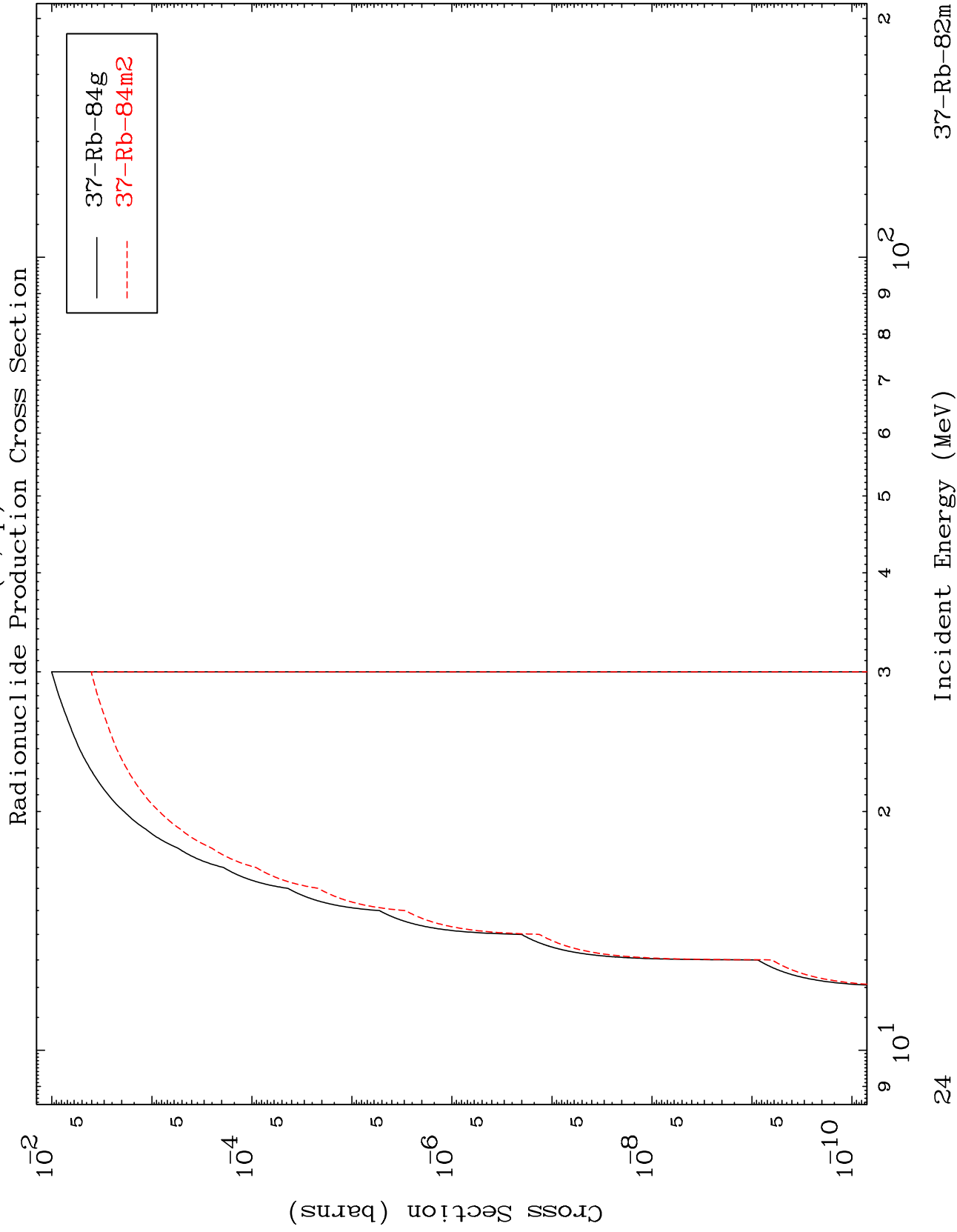
37-Rb-82m

Incident Energy (MeV)

MAT 3717

(n,2p)

37-Rb-82m



37-Rb-82m

Incident Energy (MeV)

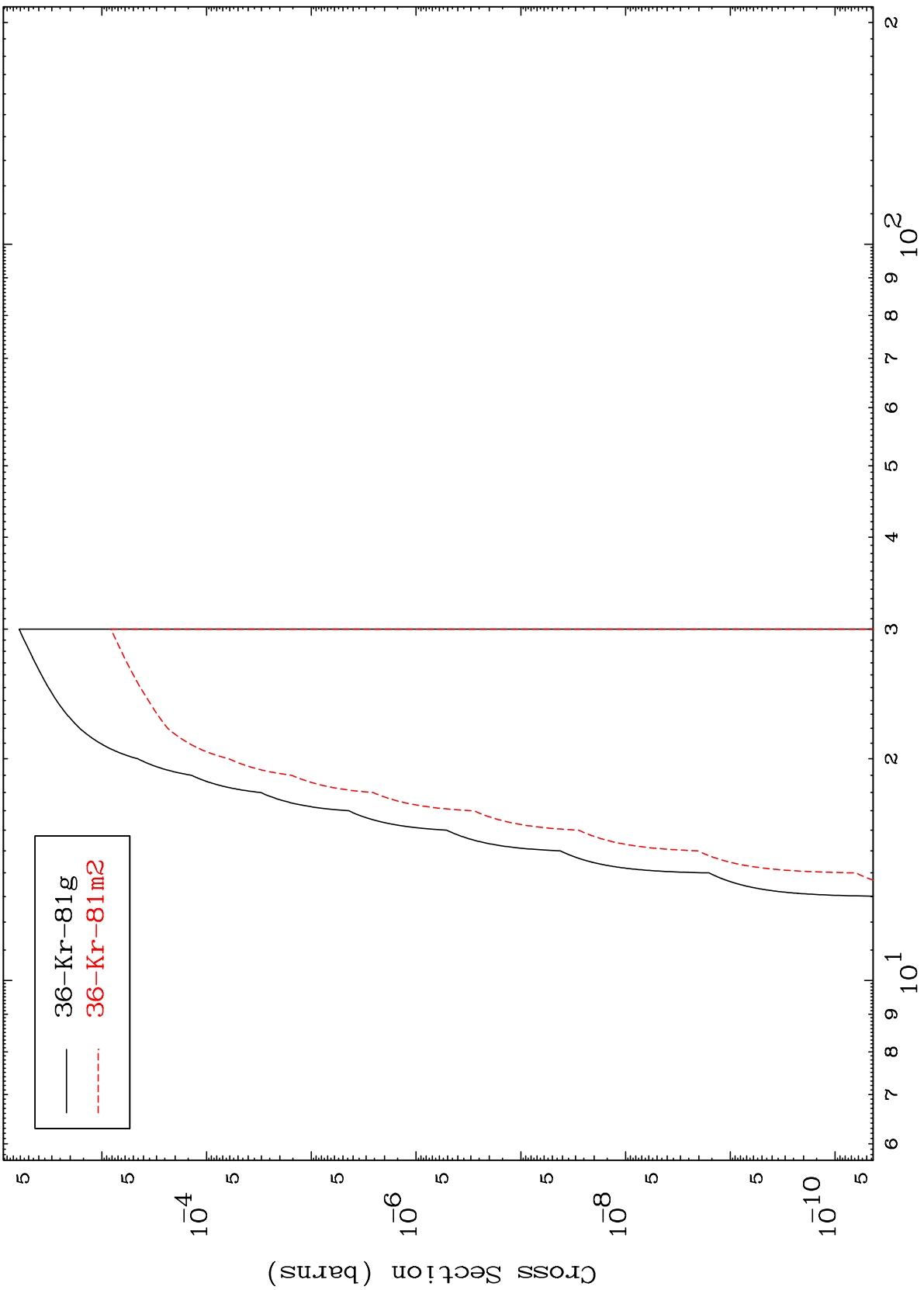
24

MAT 3717

(n,p) α

37-Rb-82m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

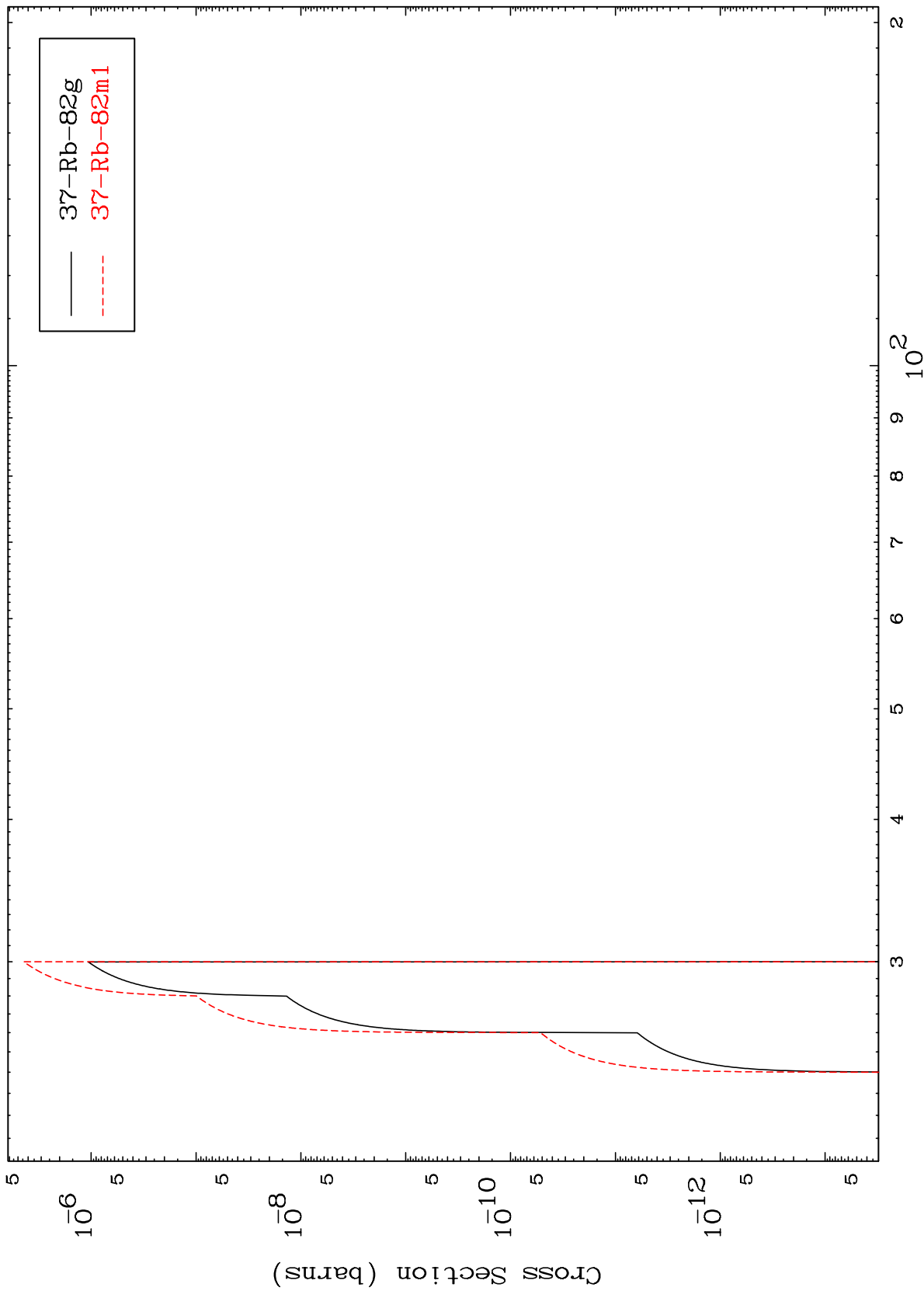
37-Rb-82m

MAT 3717

(n,p) t

37-Rb-82m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

37-Rb-82m