

Program EVALPLOT
(Version 2021-1)

by

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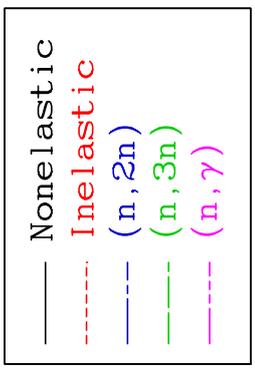
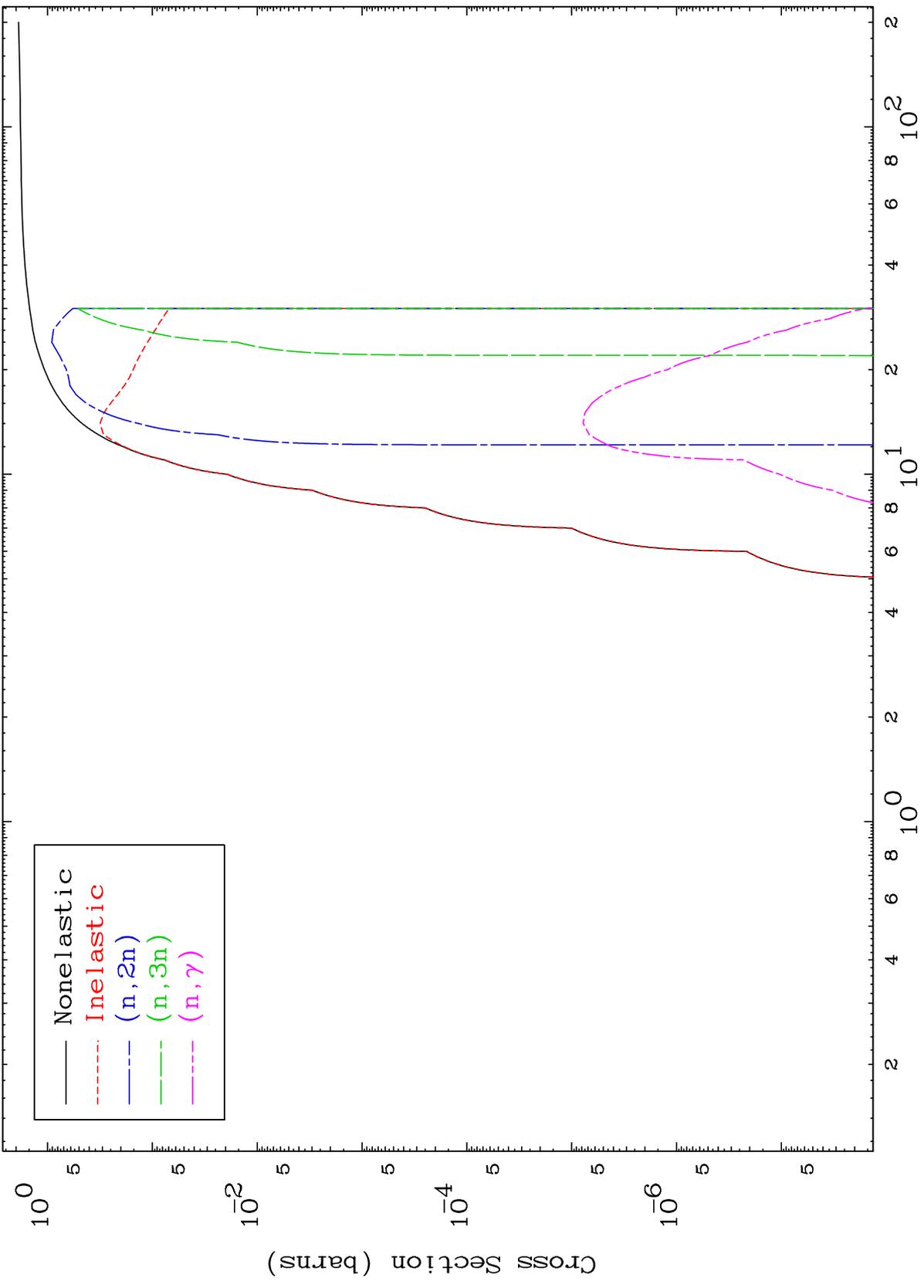
Press Mouse Button to Start

MAT 3729

α Major

37-Rb-86m

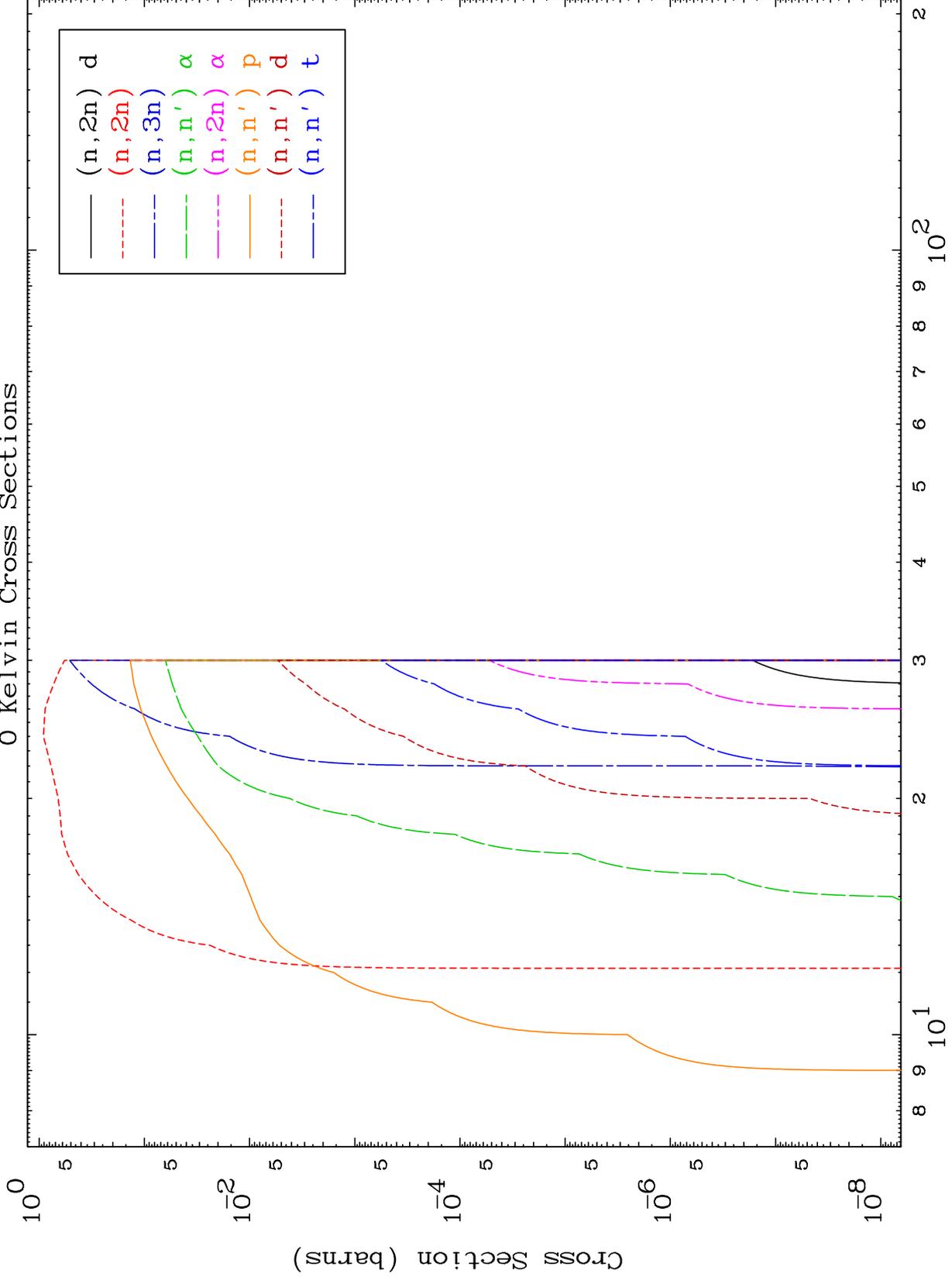
0 Kelvin Cross Sections



MAT 3729

α Neutron Absorption
0 Kelvin Cross Sections

³⁷Rb-86m

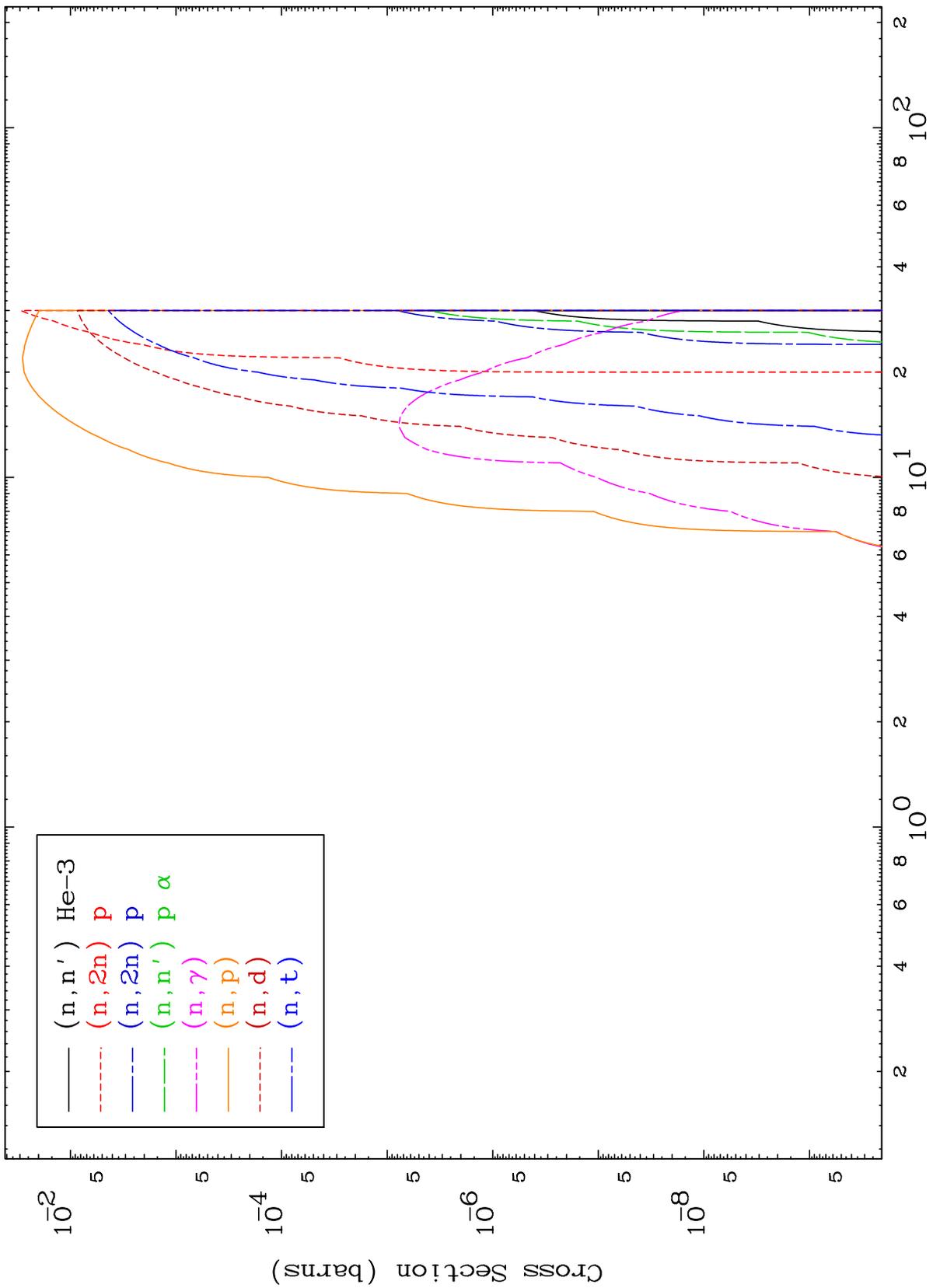


2

Incident Energy (MeV)

³⁷Rb-86m

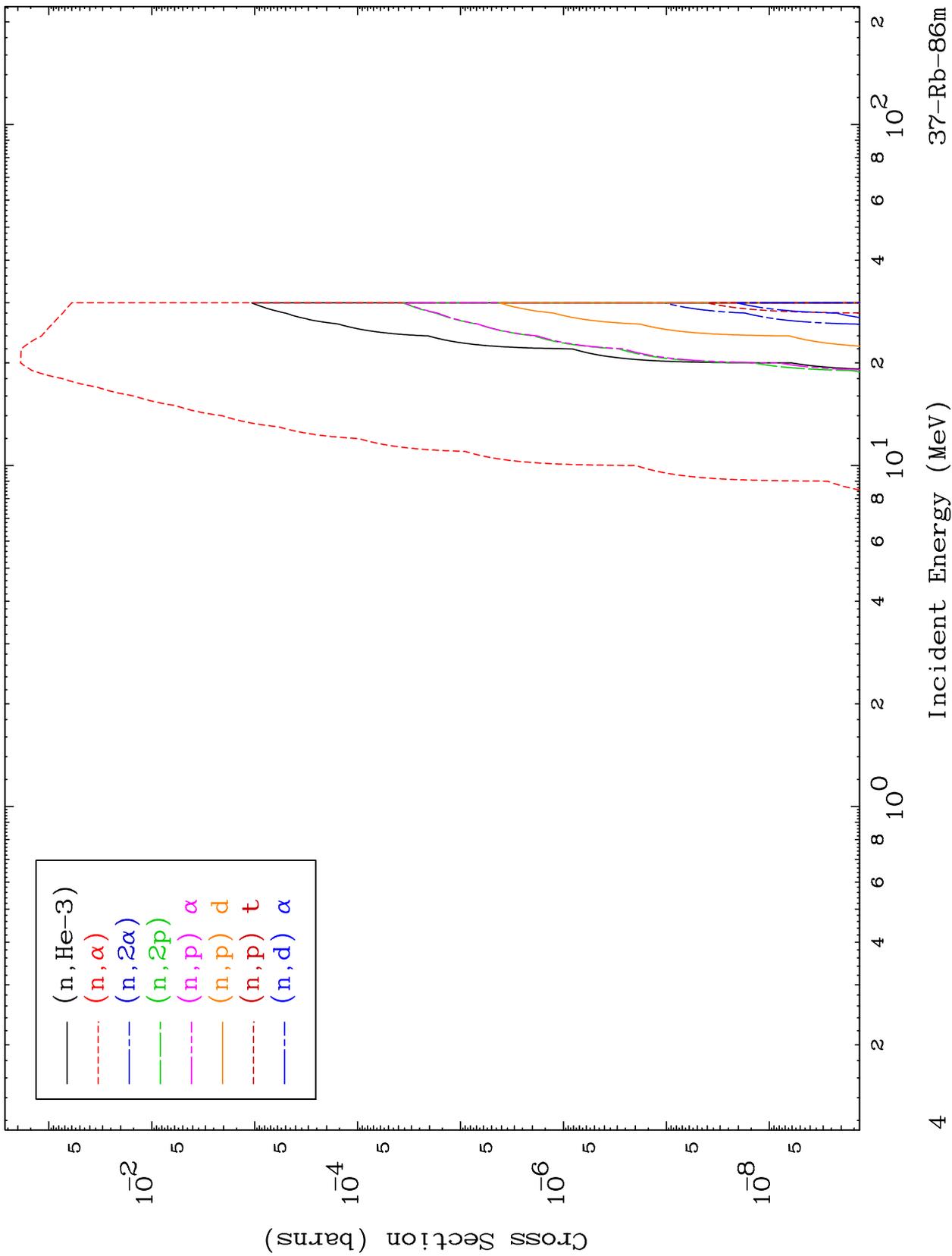
α Neutron Absorption
0 Kelvin Cross Sections

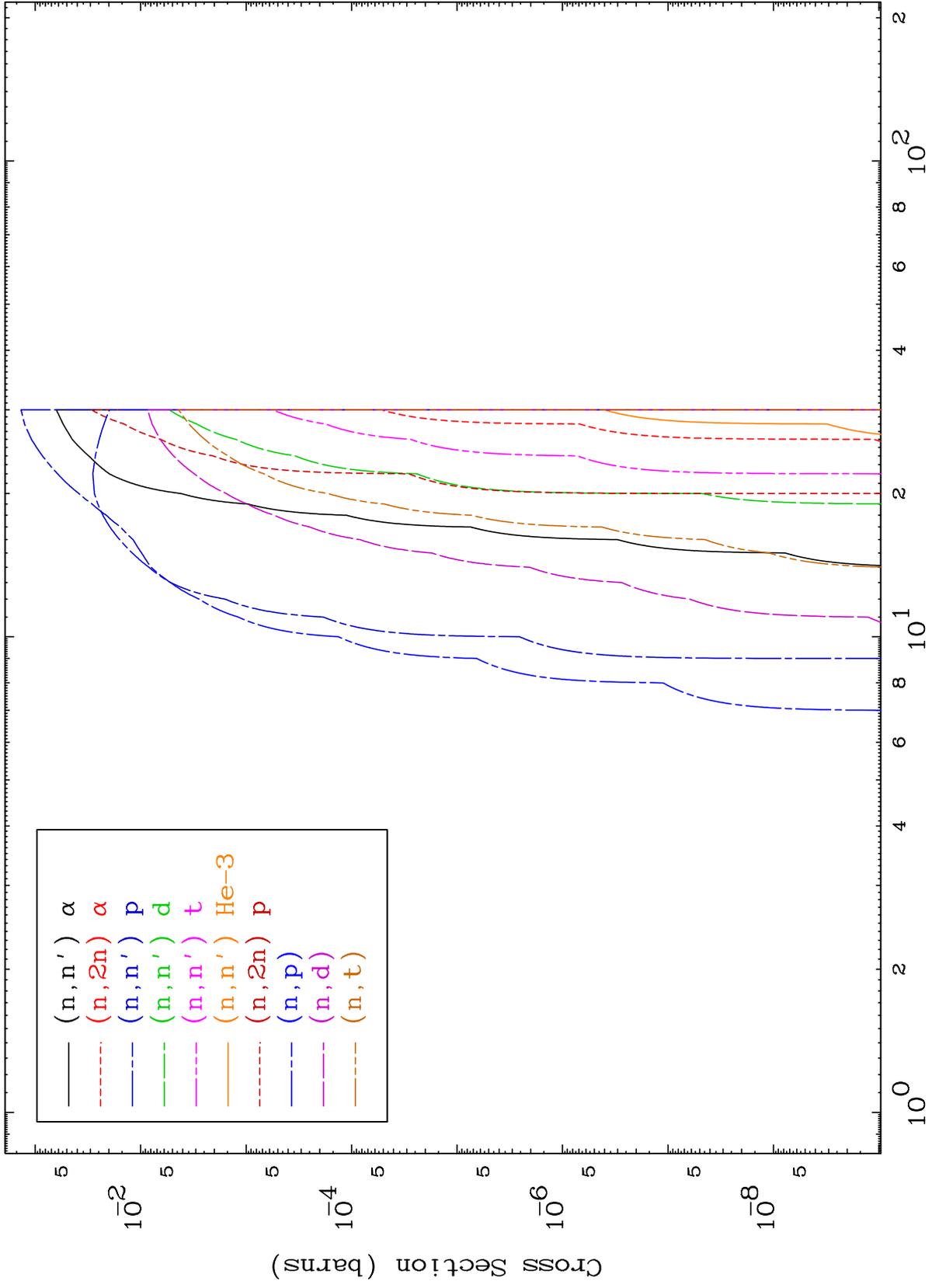


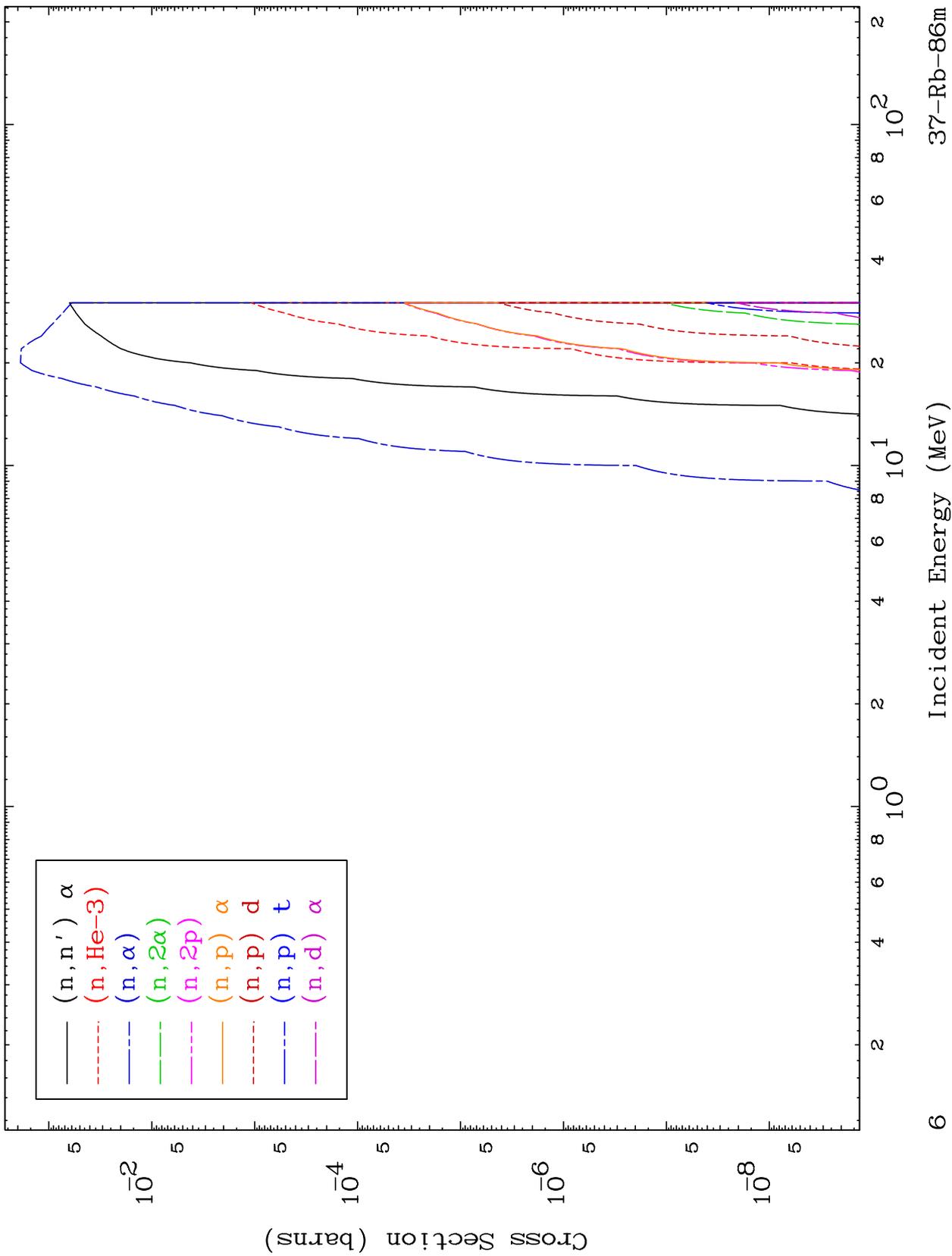
MAT 3729

α Neutron Absorption
0 Kelvin Cross Sections

³⁷Rb-86m





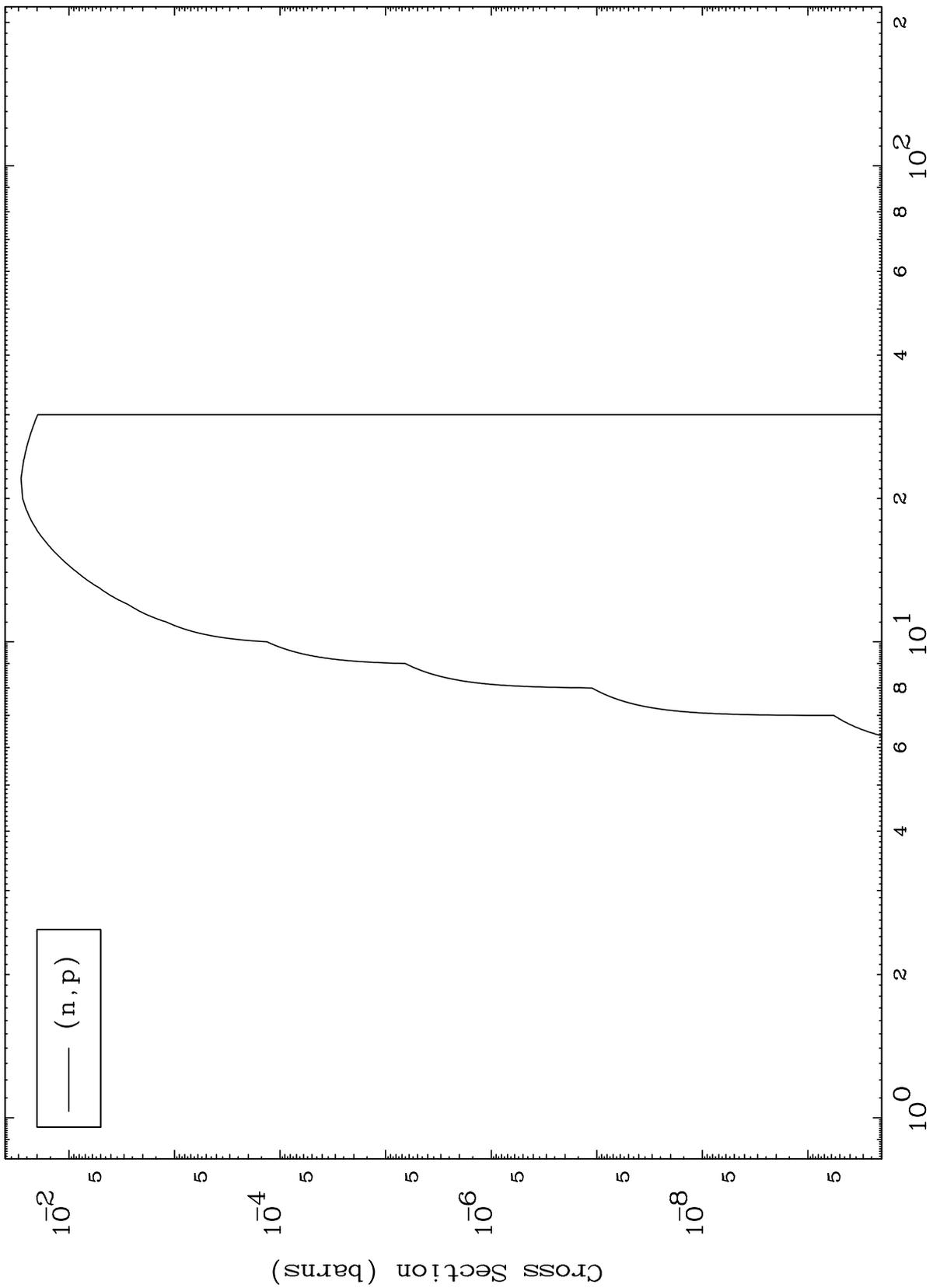


MAT 3729

(α, p) Levels

37-Rb-86m

0 Kelvin Cross Sections



7

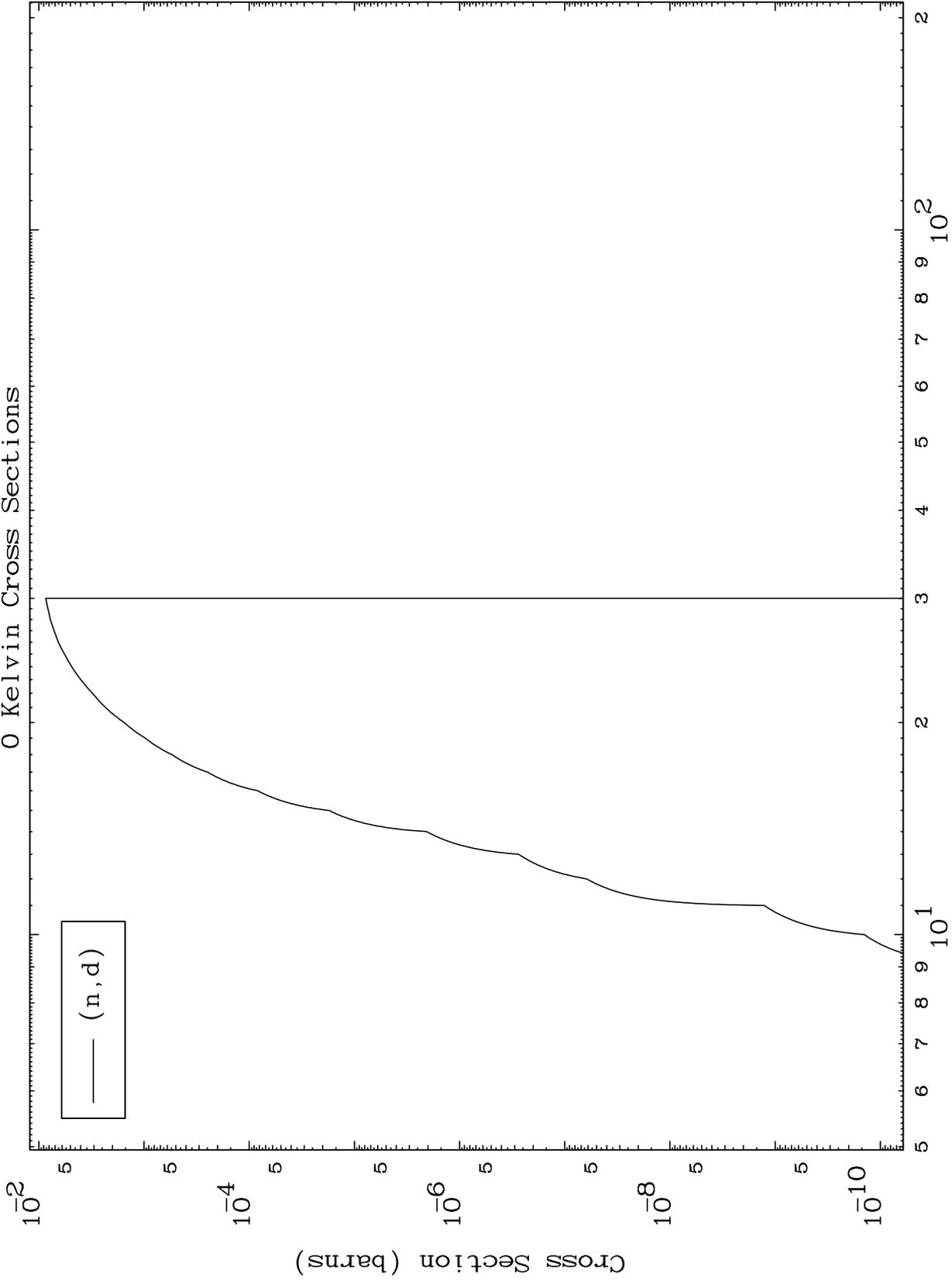
Incident Energy (MeV)

37-Rb-86m

MAT 3729

(α, d) Levels
0 Kelvin Cross Sections

37-Rb-86m



8

Incident Energy (MeV)

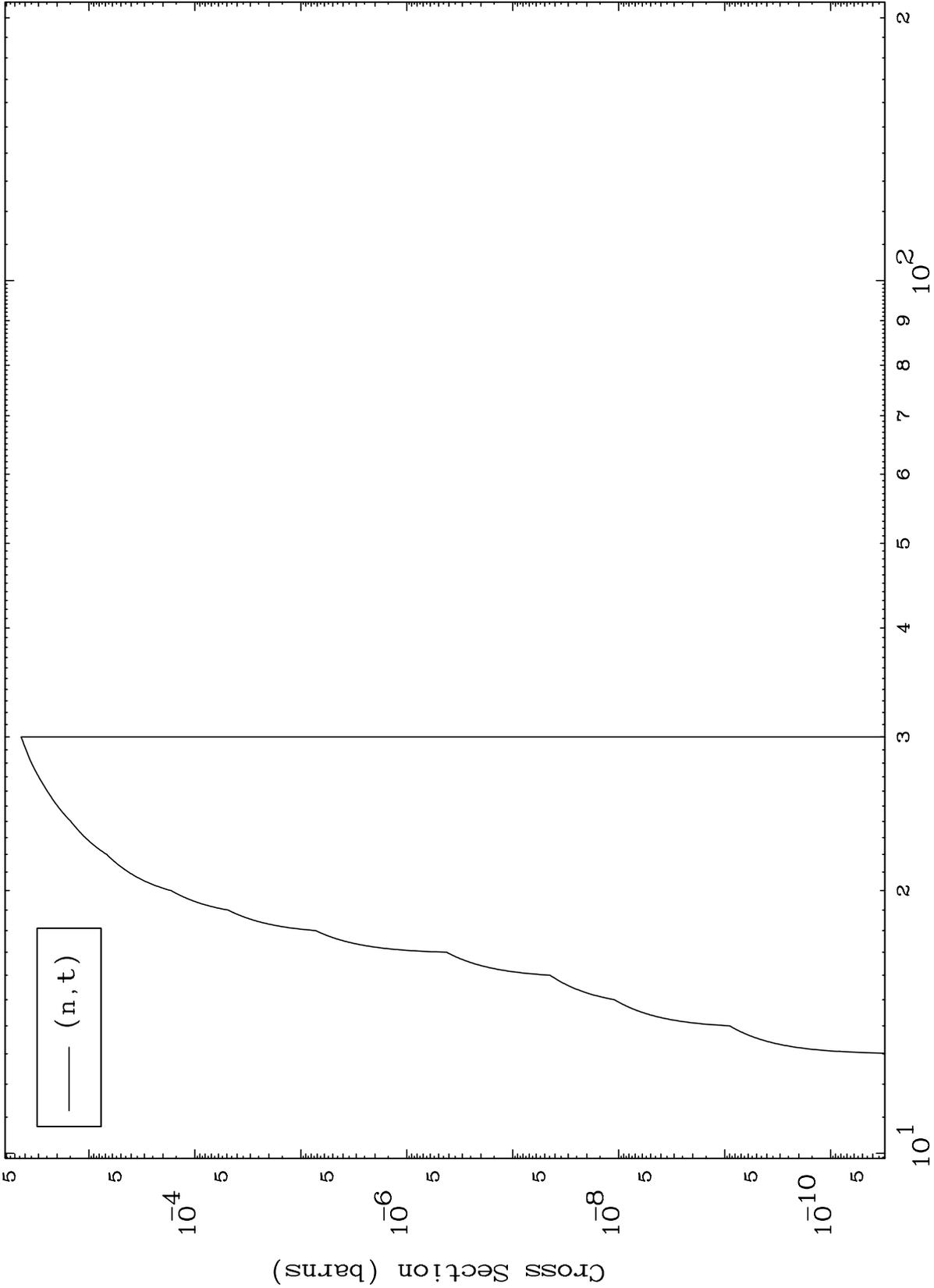
37-Rb-86m

MAT 3729

(α, t) Levels

37-Rb-86m

0 Kelvin Cross Sections



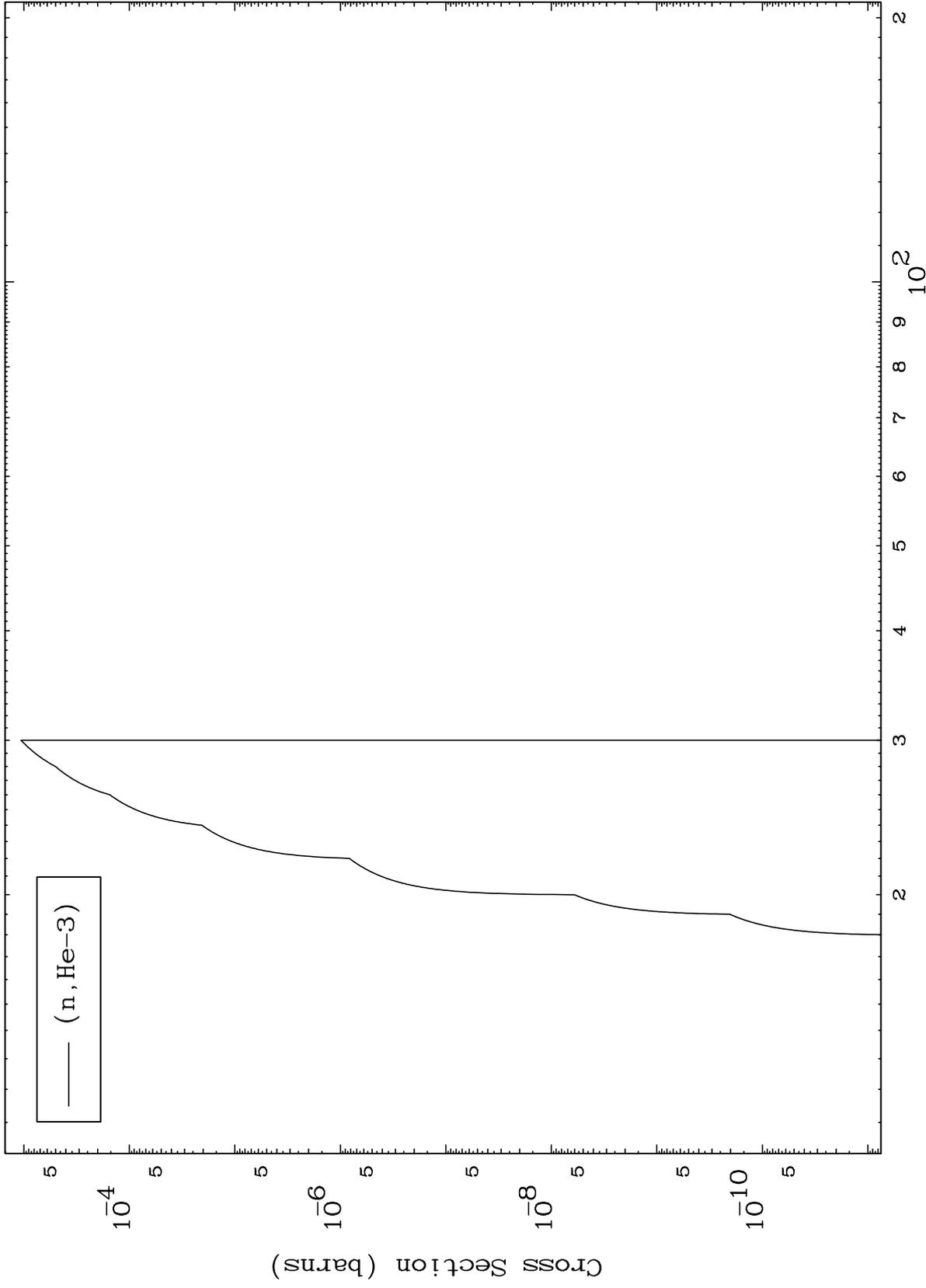
Incident Energy (MeV)

37-Rb-86m

MAT 3729

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

37-Rb-86m



10

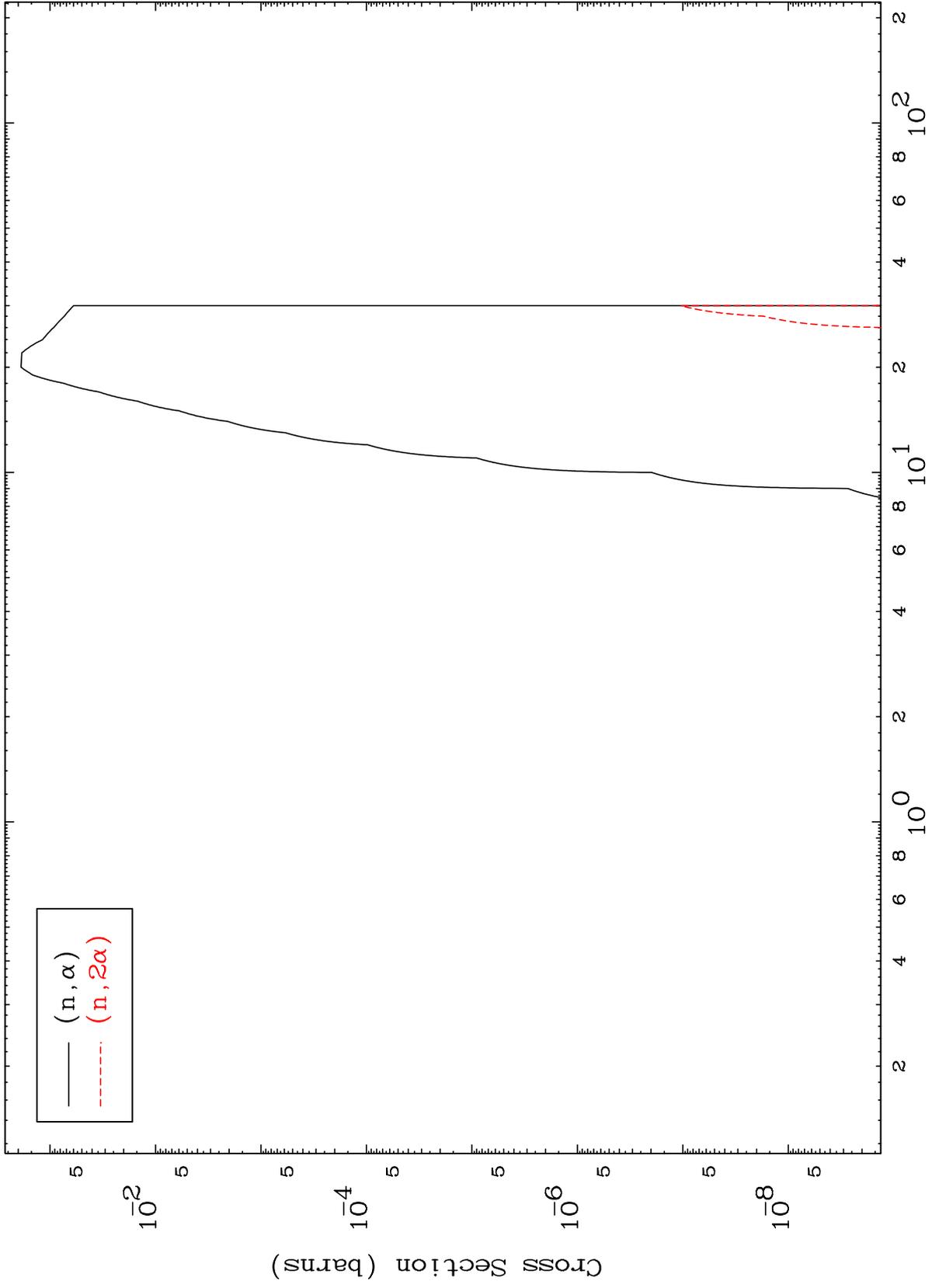
Incident Energy (MeV)

37-Rb-86m

MAT 3729

(α, α) Levels
0 Kelvin Cross Sections

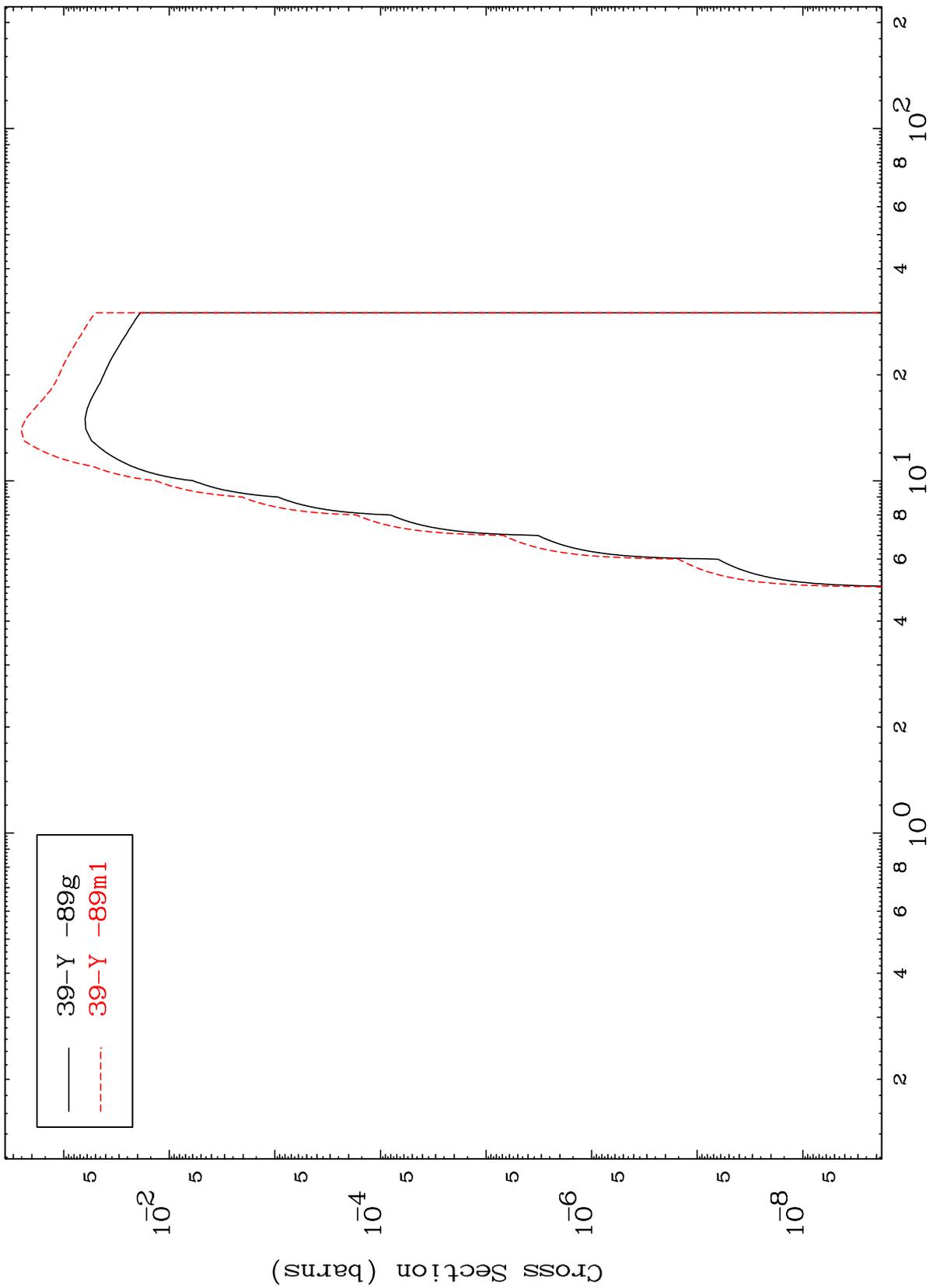
37-Rb-86m



MAT 3729

37-Rb-86m

Inelastic
Radionuclide Production Cross Section



— 39-Y -89g
- - - 39-Y -89m1

37-Rb-86m

Incident Energy (MeV)

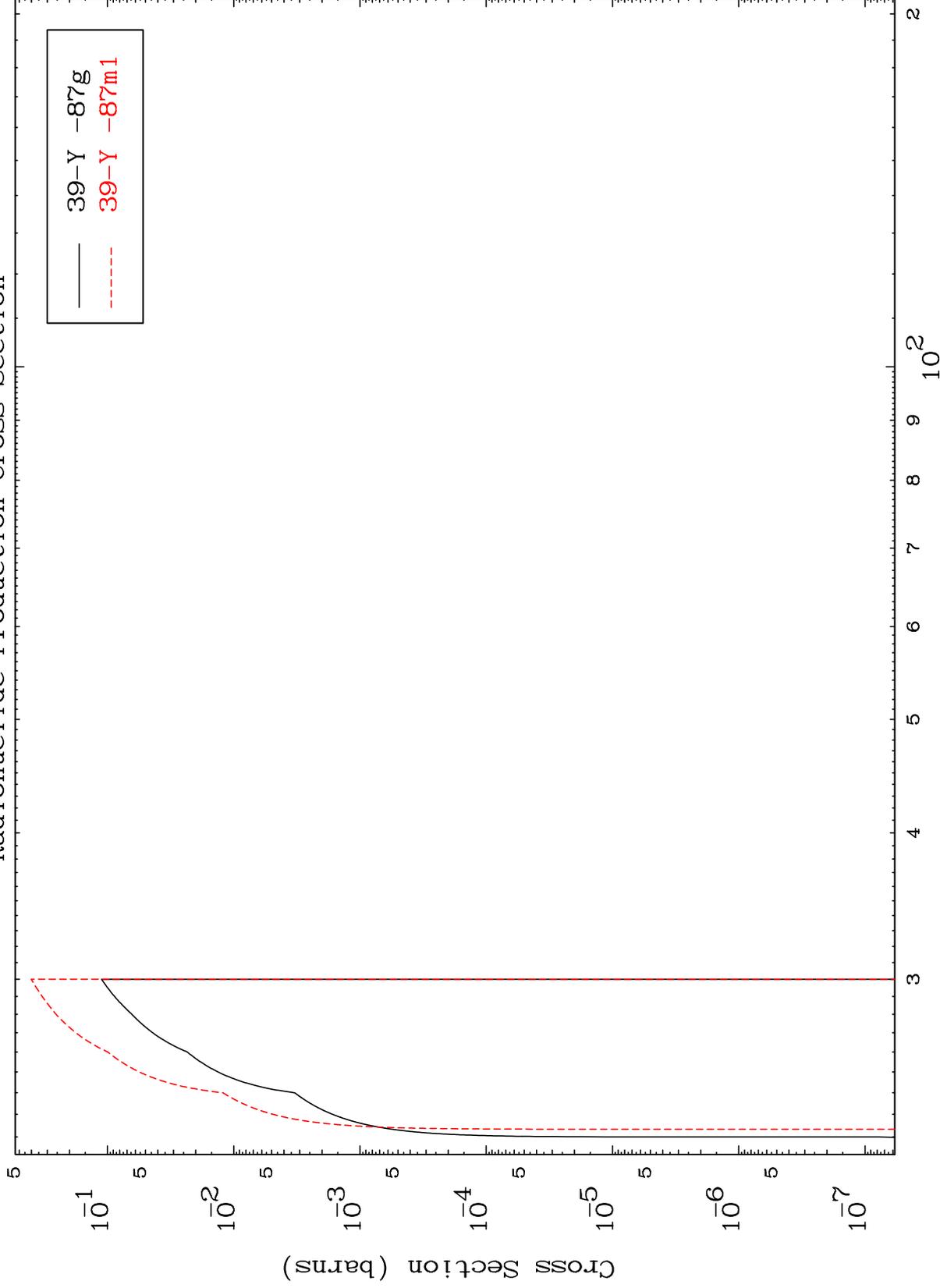
12

MAT 3729

(n,3n)

37-Rb-86m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

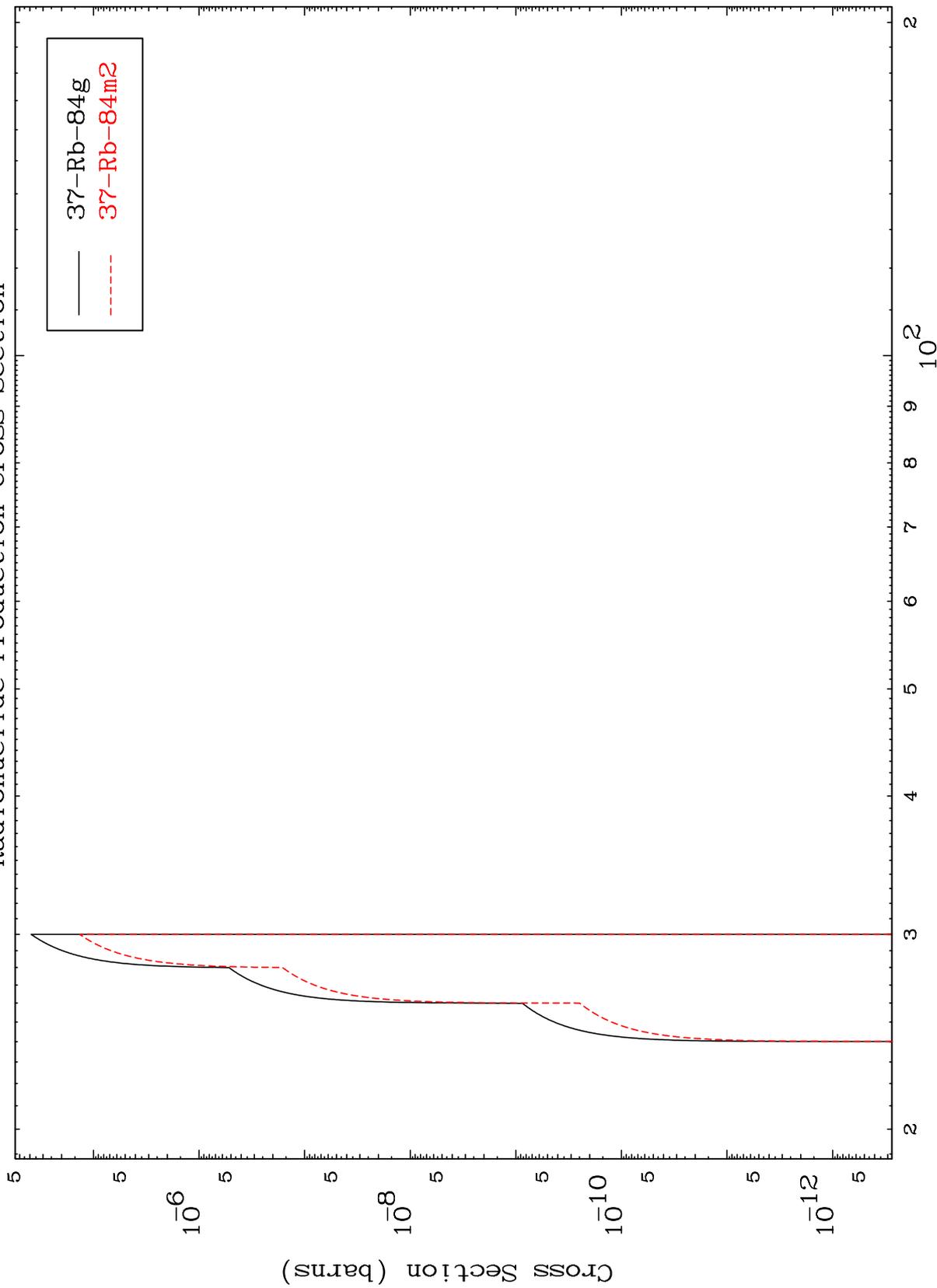
37-Rb-86m

MAT 3729

$(n,2n) \alpha$

$^{37}\text{Rb-86m}$

Radionuclide Production Cross Section



14

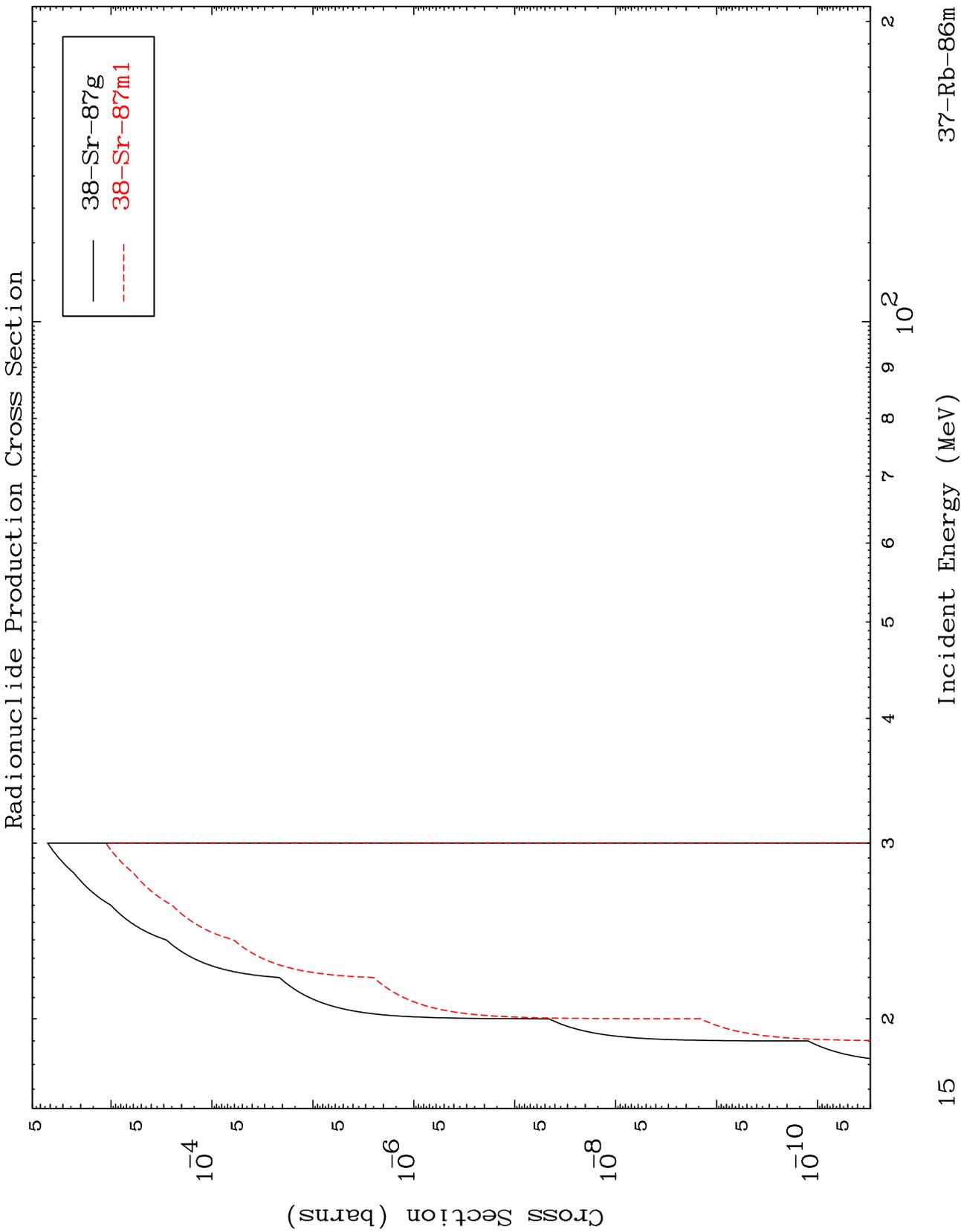
Incident Energy (MeV)

$^{37}\text{Rb-86m}$

MAT 3729

(n,n') d

37-Rb-86m



15

Incident Energy (MeV)

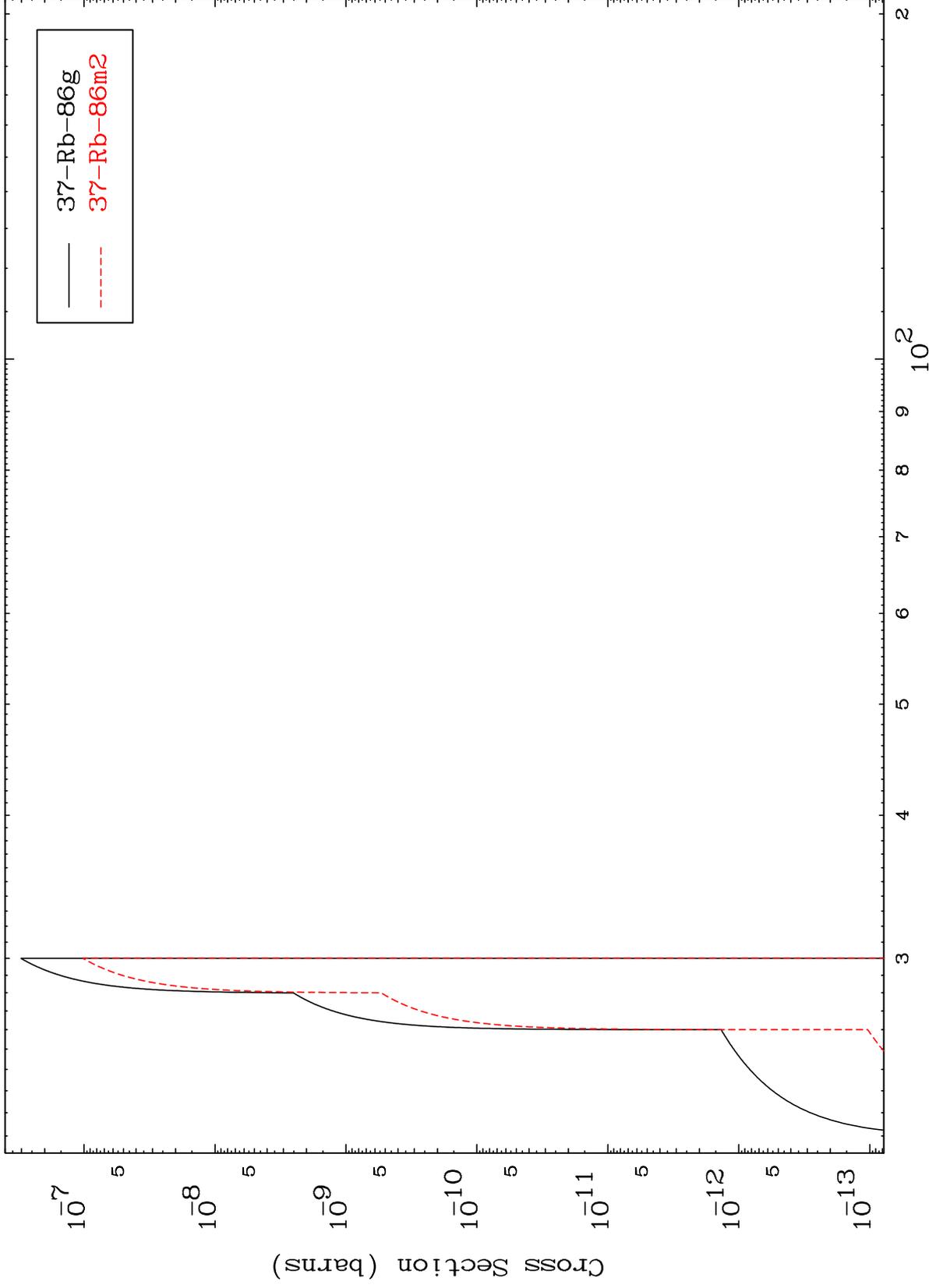
37-Rb-86m

MAT 3729

(n,n') He-3

37-Rb-86m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

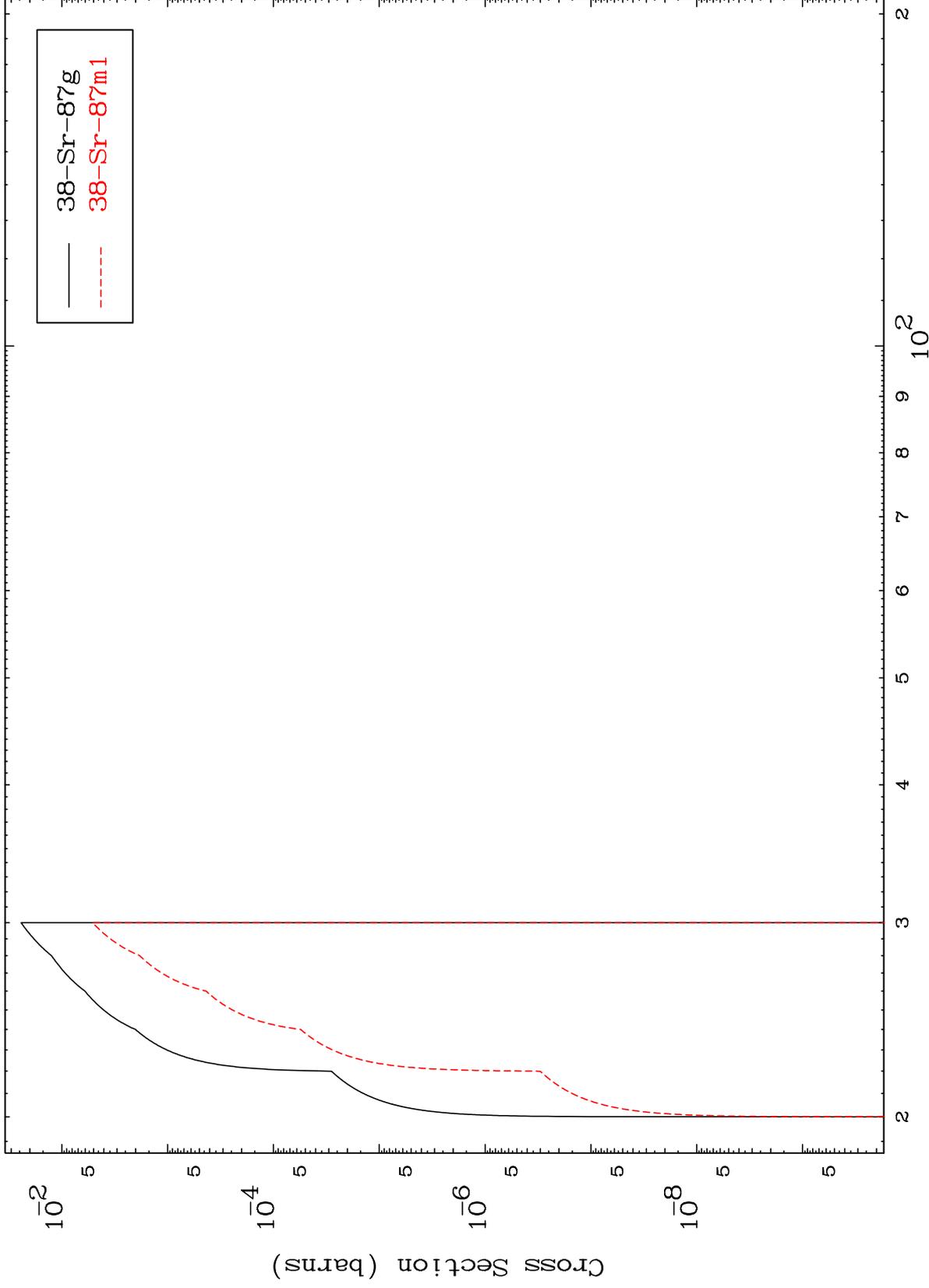
37-Rb-86m

MAT 3729

(n,2n) p

37-Rb-86m

Radionuclide Production Cross Section



17

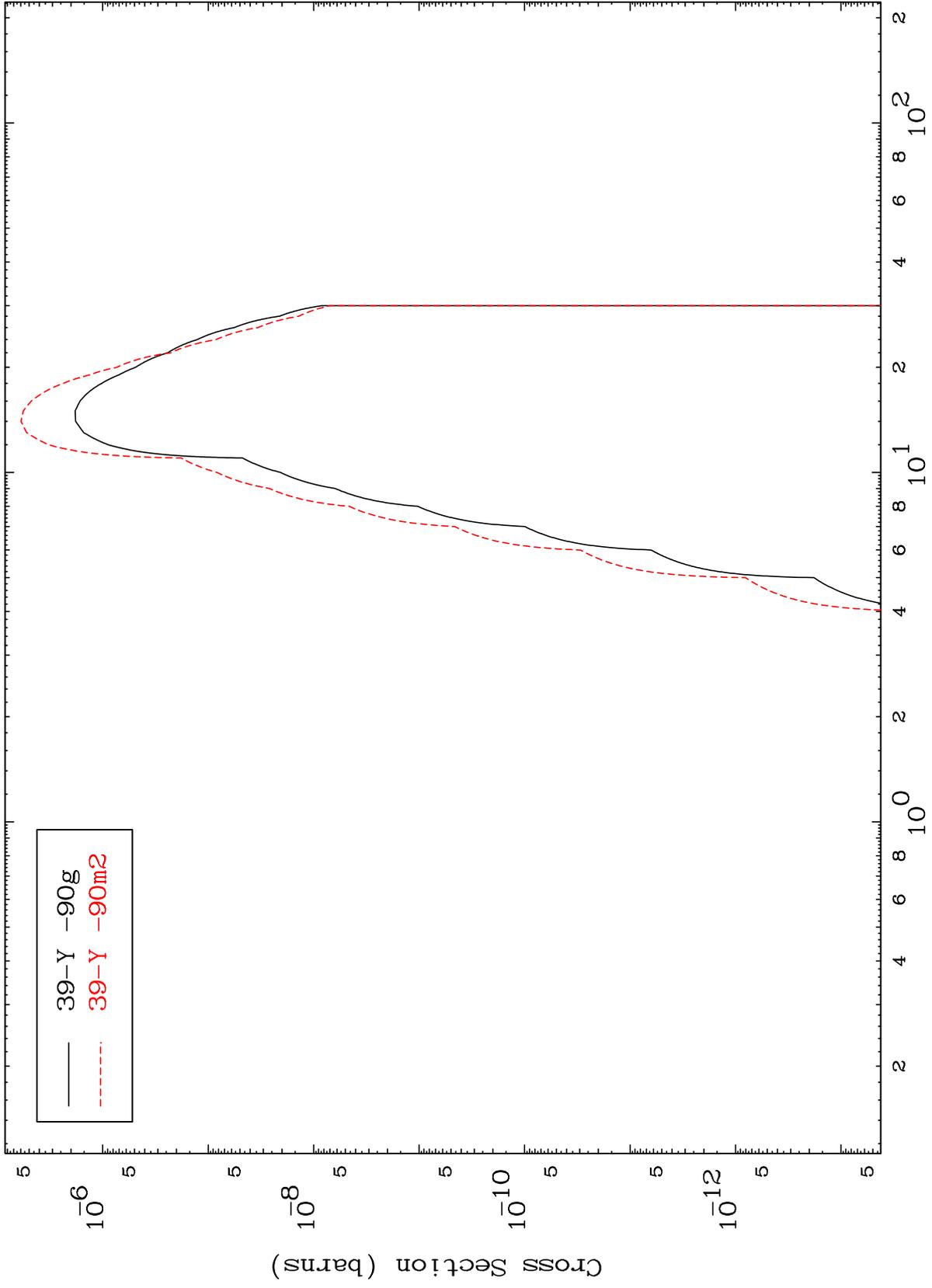
Incident Energy (MeV)

37-Rb-86m

MAT 3729

37-Rb-86m

(n, γ)
Radionuclide Production Cross Section

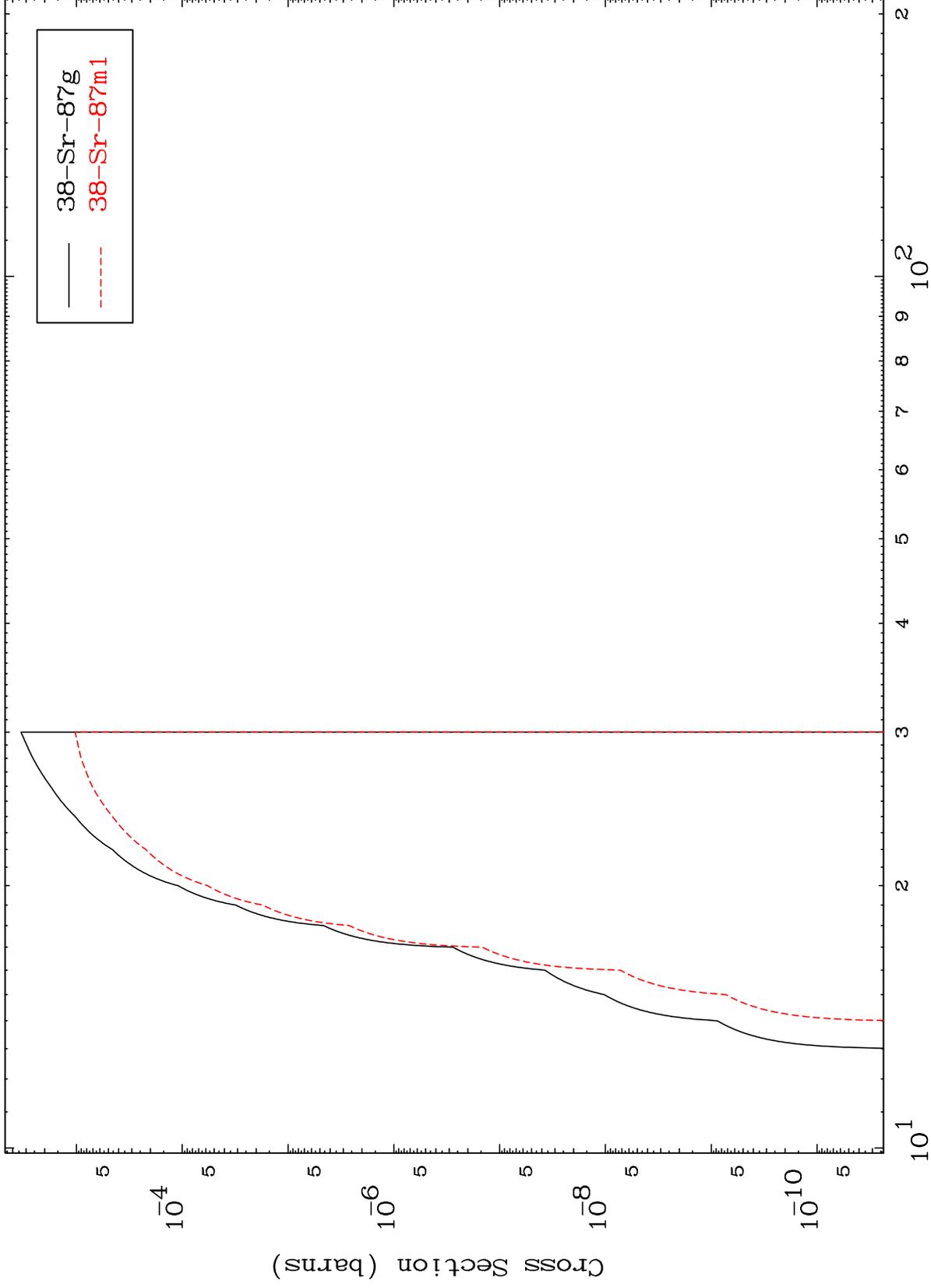


MAT 3729

(n, t)

37-Rb-86m

Radionuclide Production Cross Section



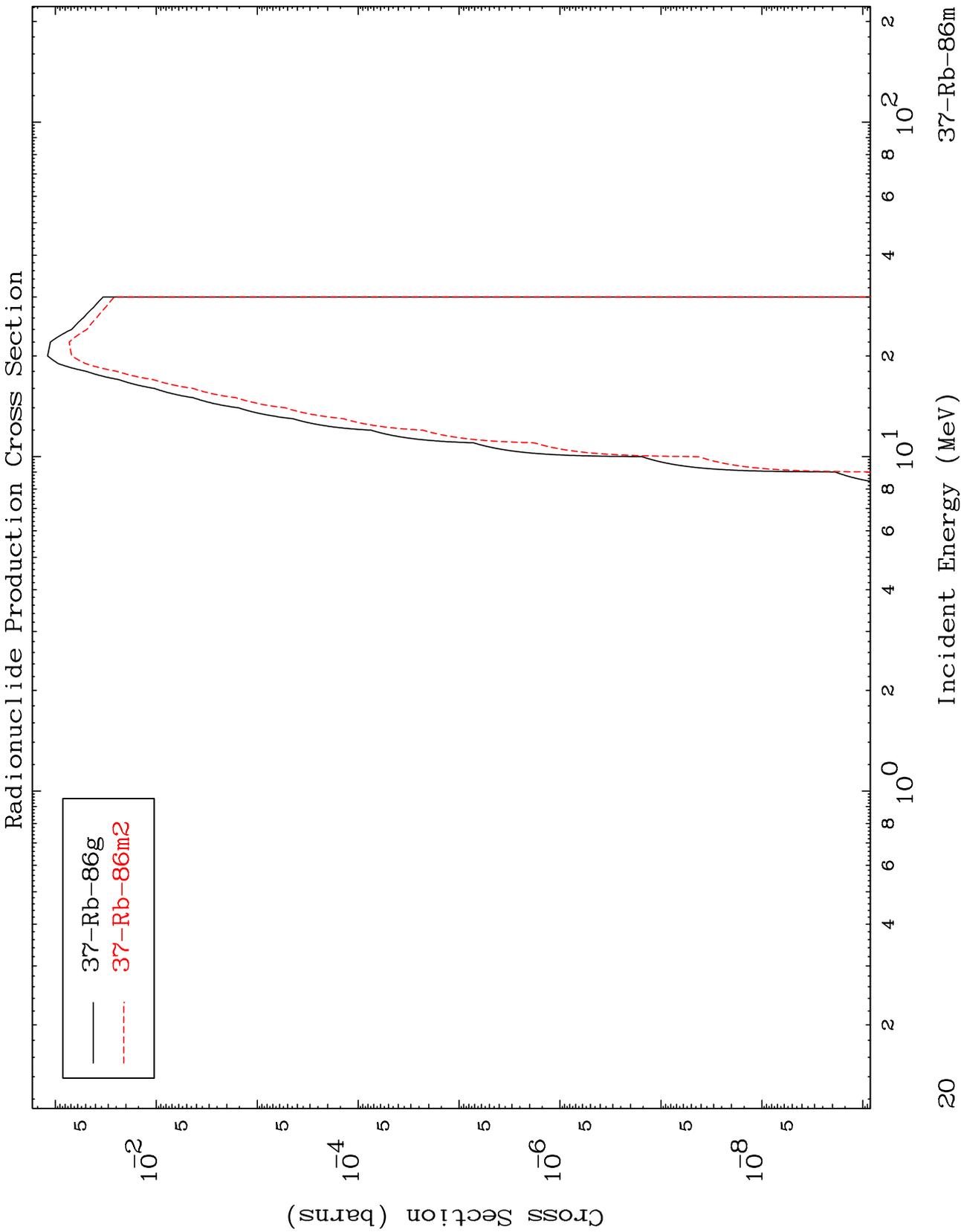
19

Incident Energy (MeV)

37-Rb-86m

MAT 3729

³⁷Rb-86m

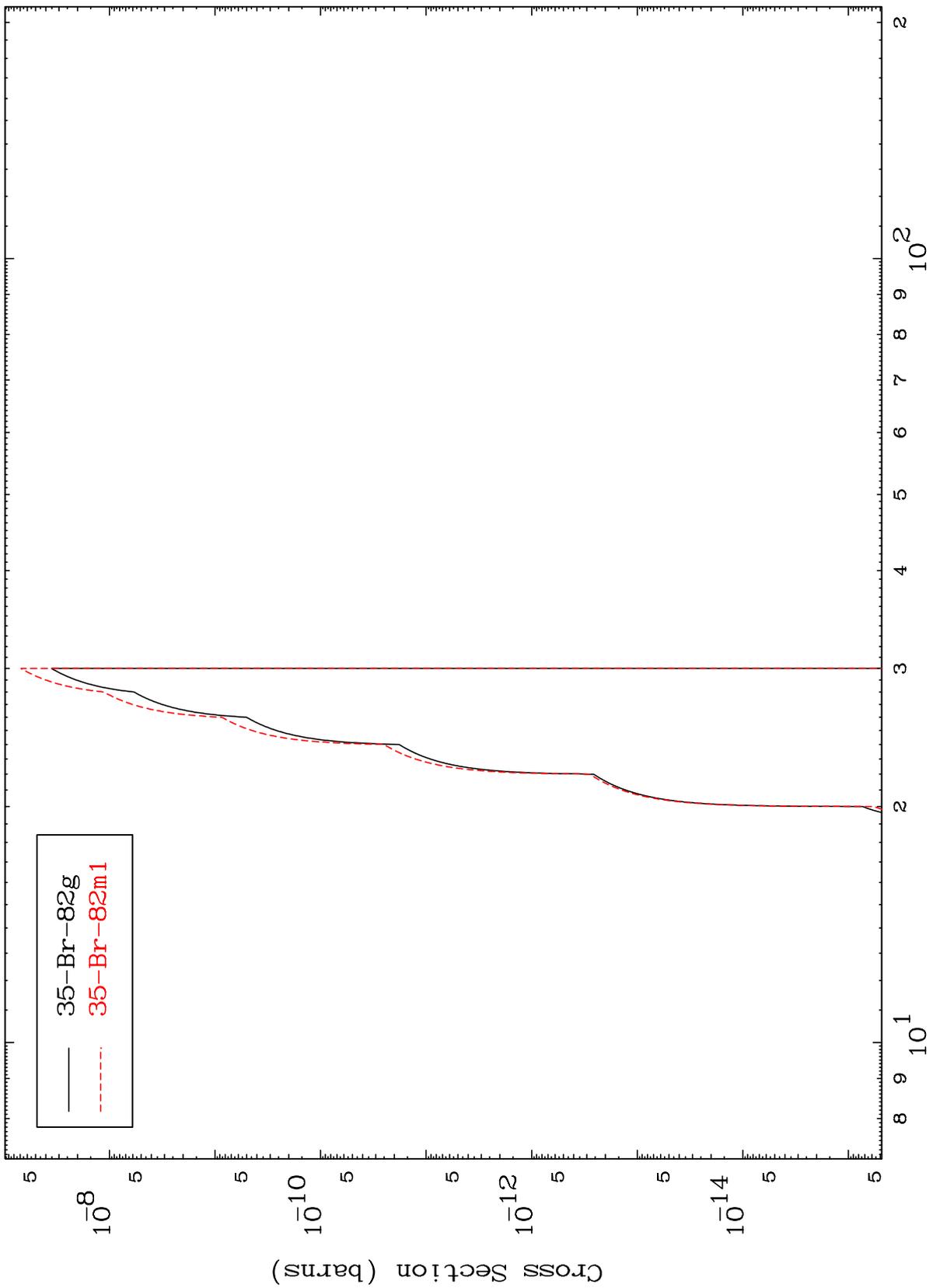


— 37-Rb-86g
- - - 37-Rb-86m

MAT 3729

37-Rb-86m

Radionuclide Production Cross Section
(n,2α)



21

Incident Energy (MeV)

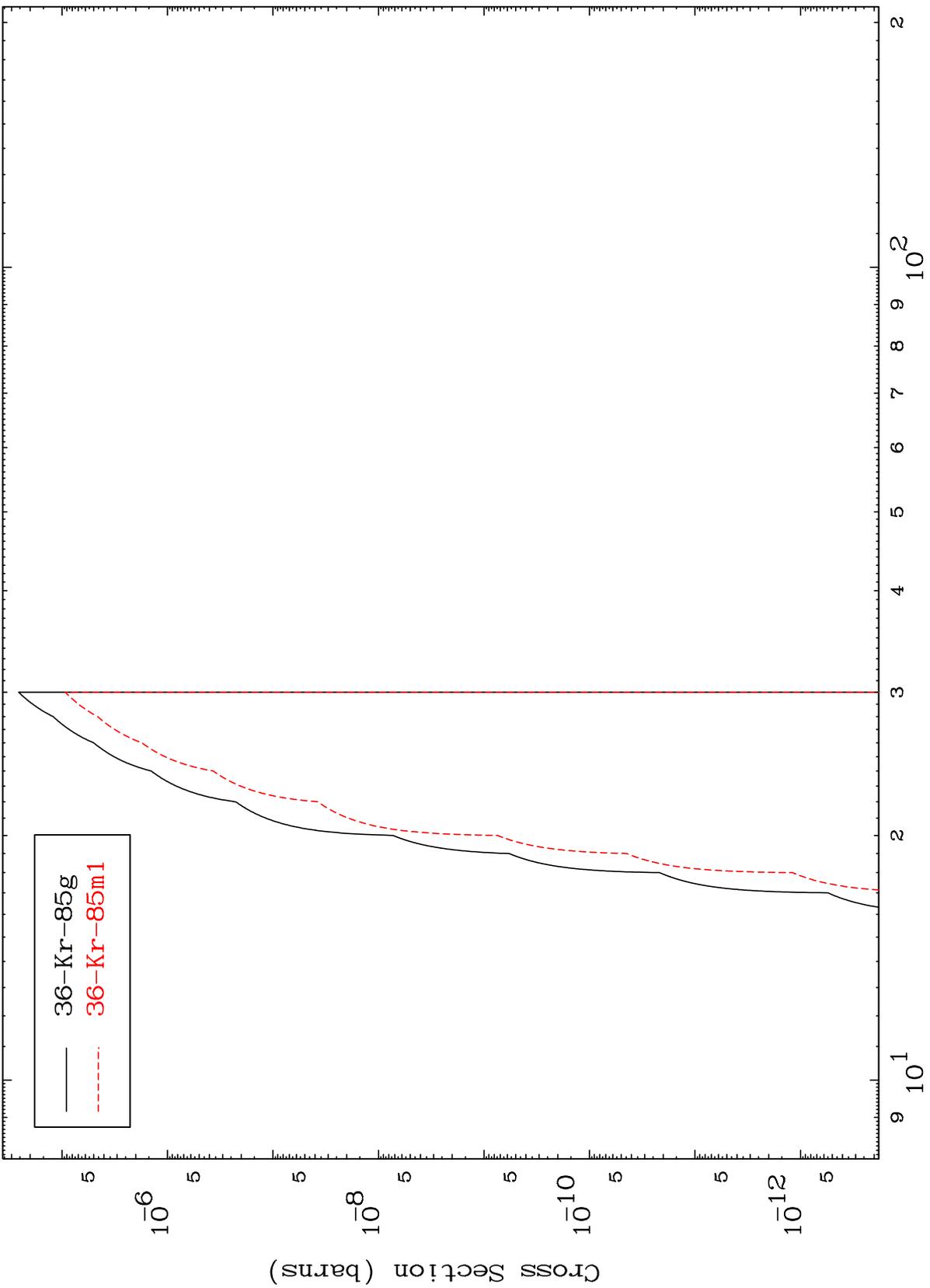
37-Rb-86m

MAT 3729

(n,p) α

³⁷Rb-86m

Radionuclide Production Cross Section



— 36-Kr-85g
- - - 36-Kr-85m1

22

Incident Energy (MeV)

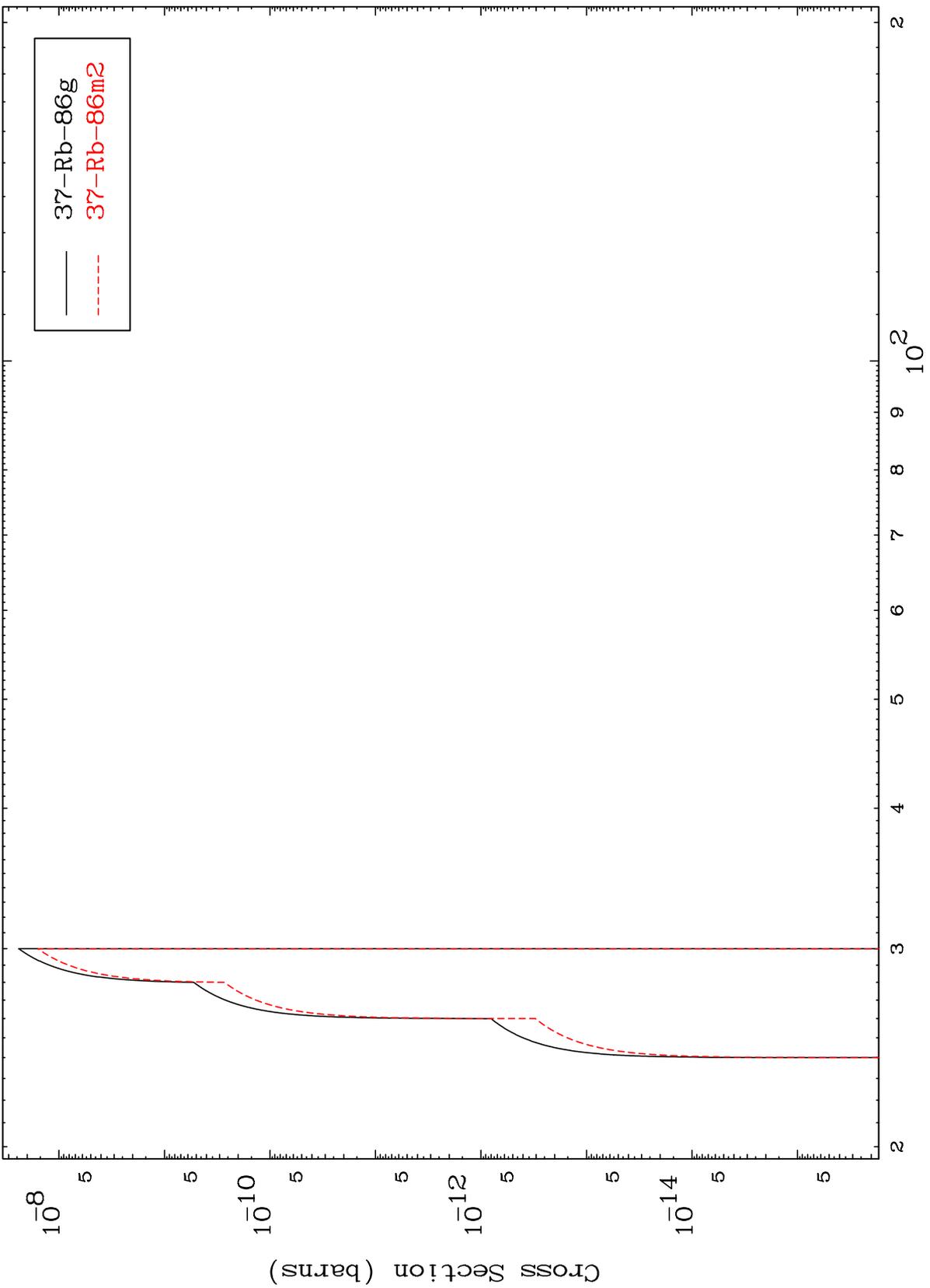
³⁷Rb-86m

MAT 3729

(n,p) t

³⁷Rb-86m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

³⁷Rb-86m