

Program EVALPLOT
(Version 2021-1)

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

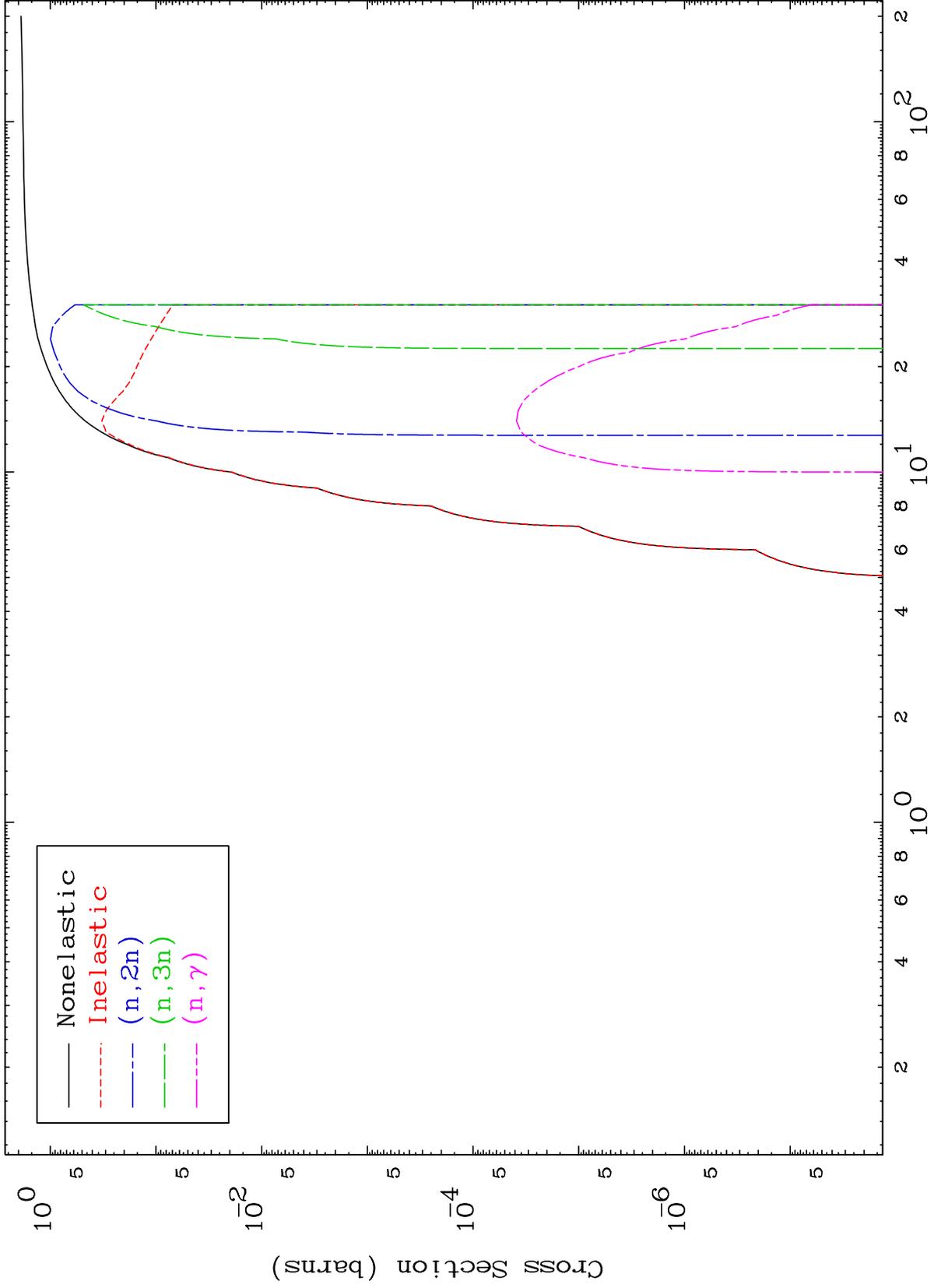
Press Mouse Button to Start

MAT 3728

α Major

37-Rb-86

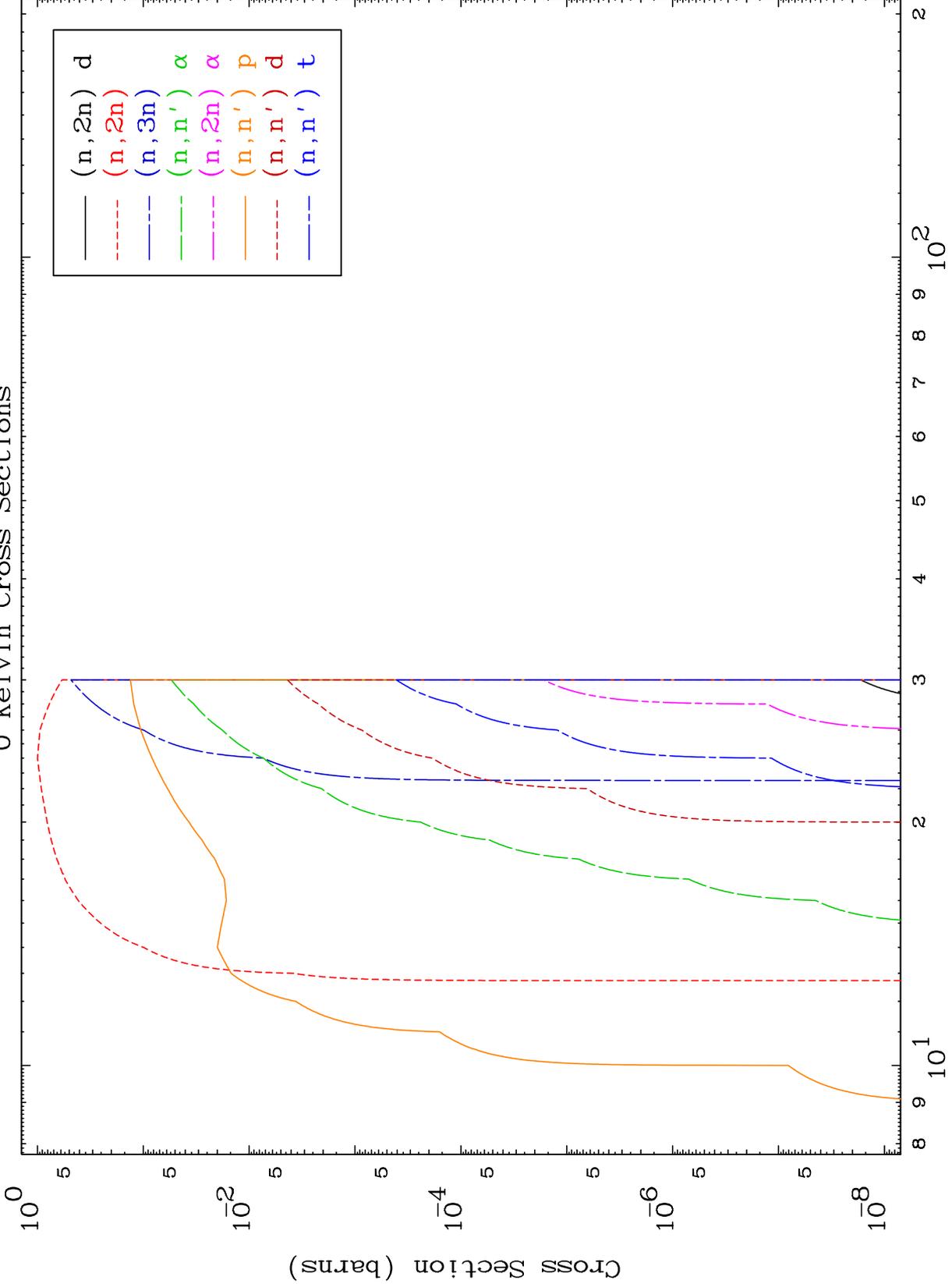
0 Kelvin Cross Sections



MAT 3728

α Neutron Absorption
0 Kelvin Cross Sections

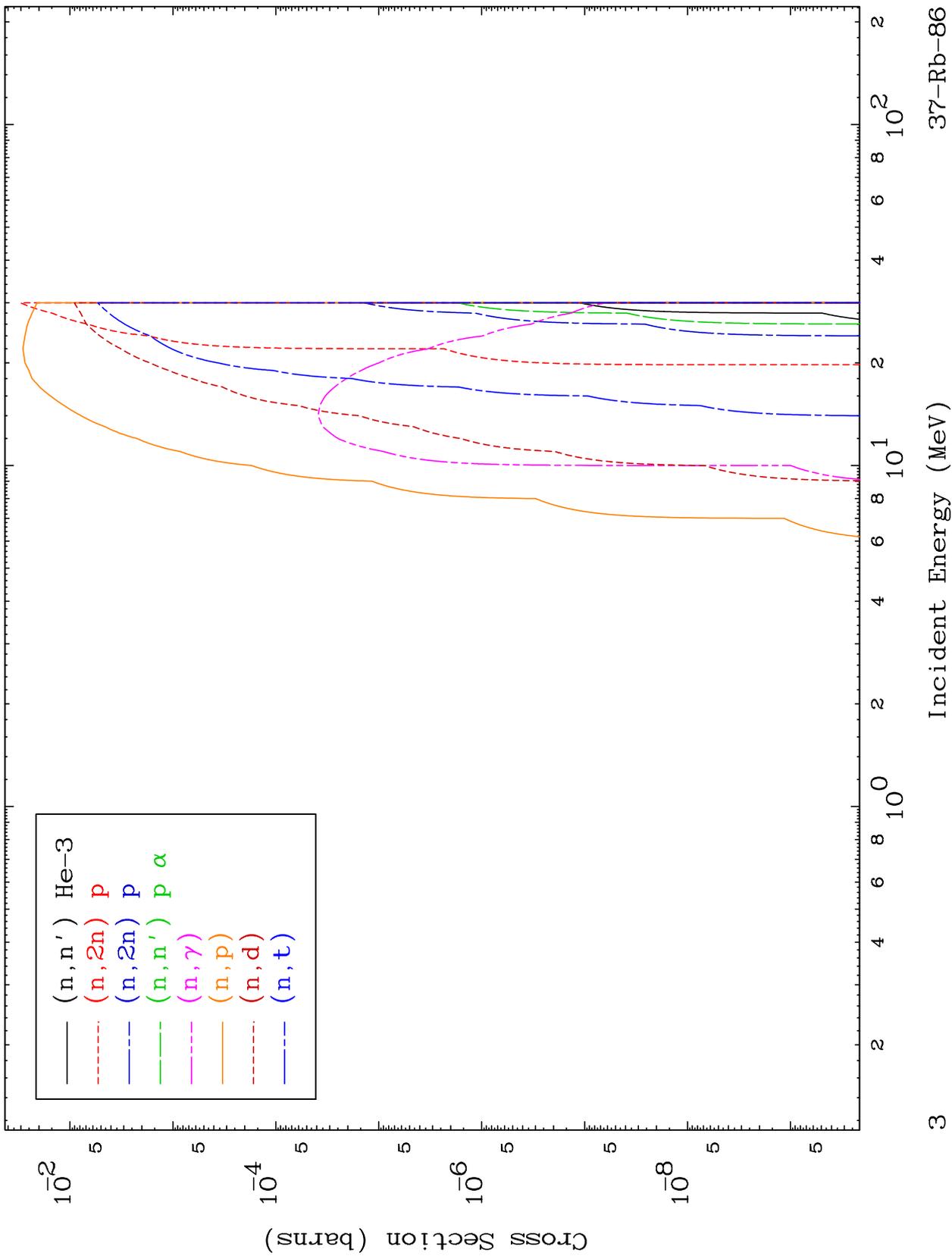
37-Rb-86

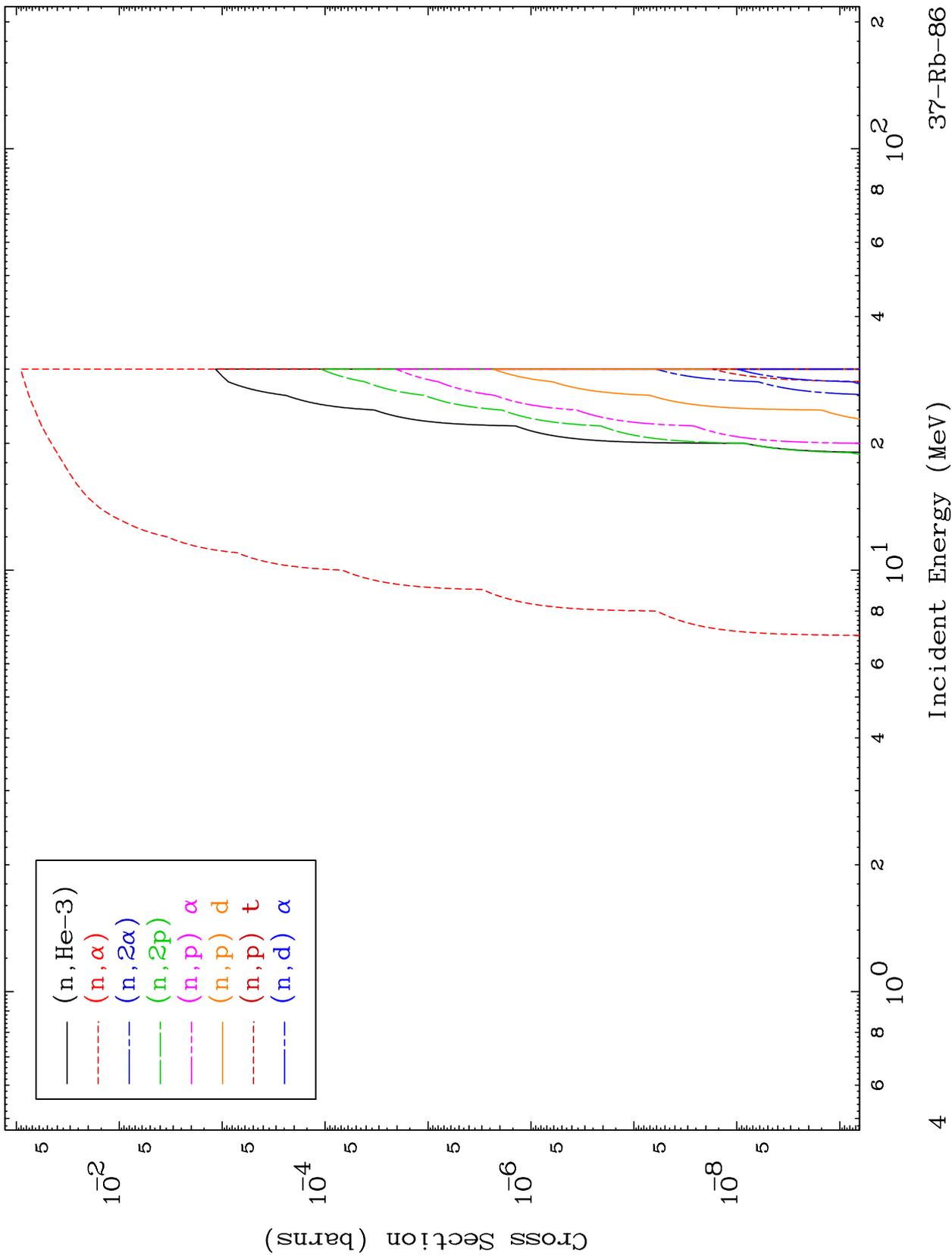


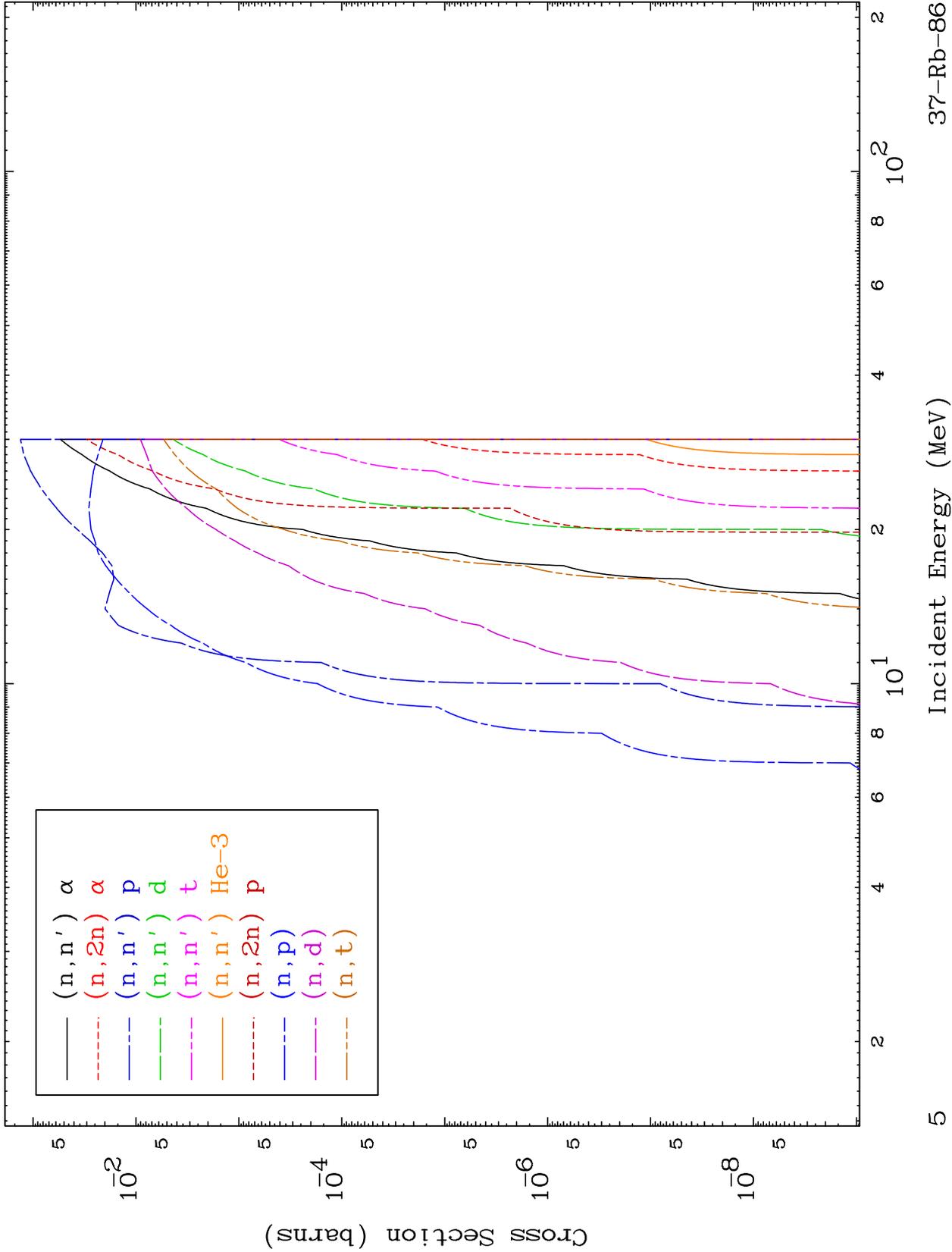
2

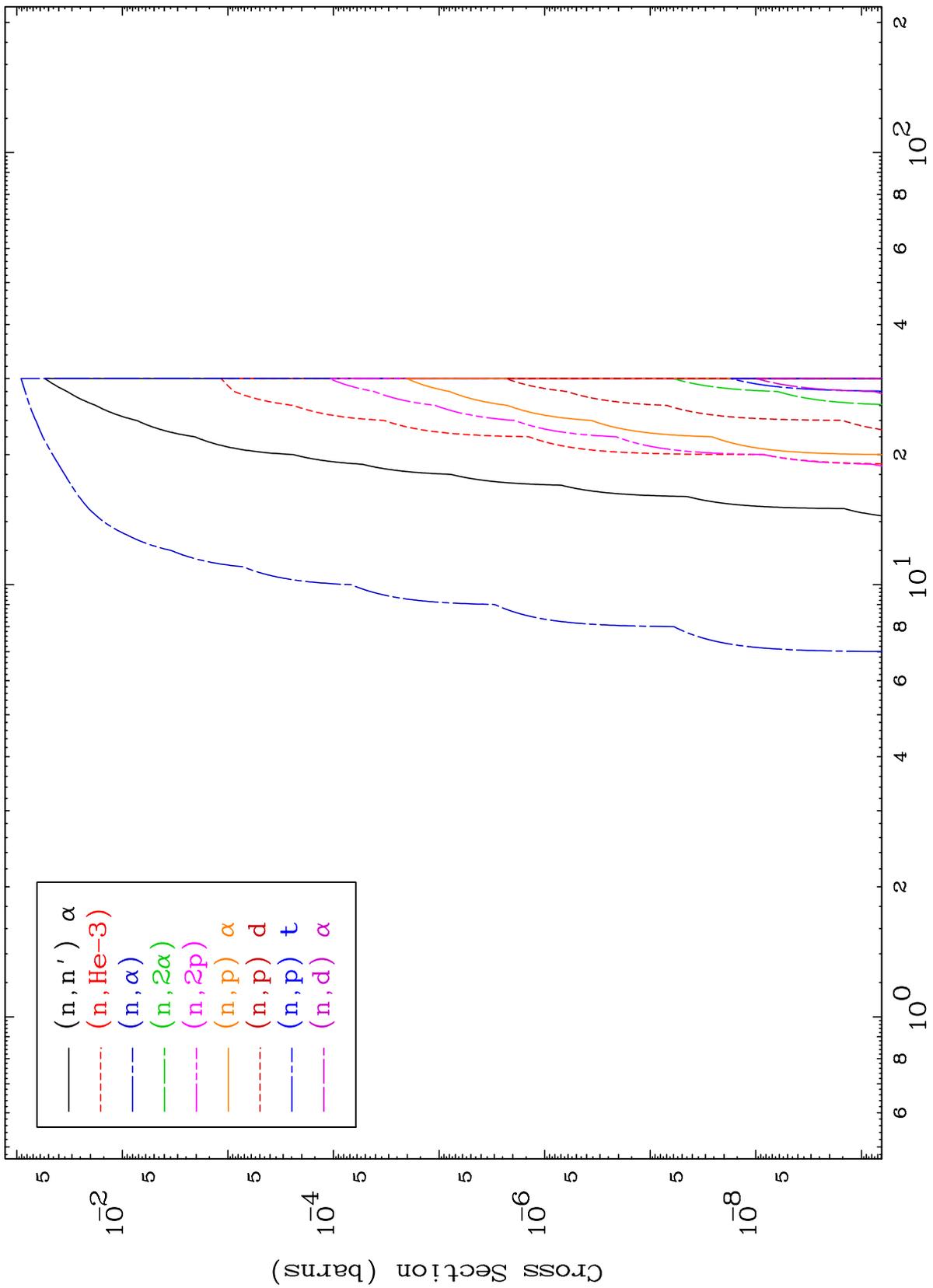
Incident Energy (MeV)

37-Rb-86

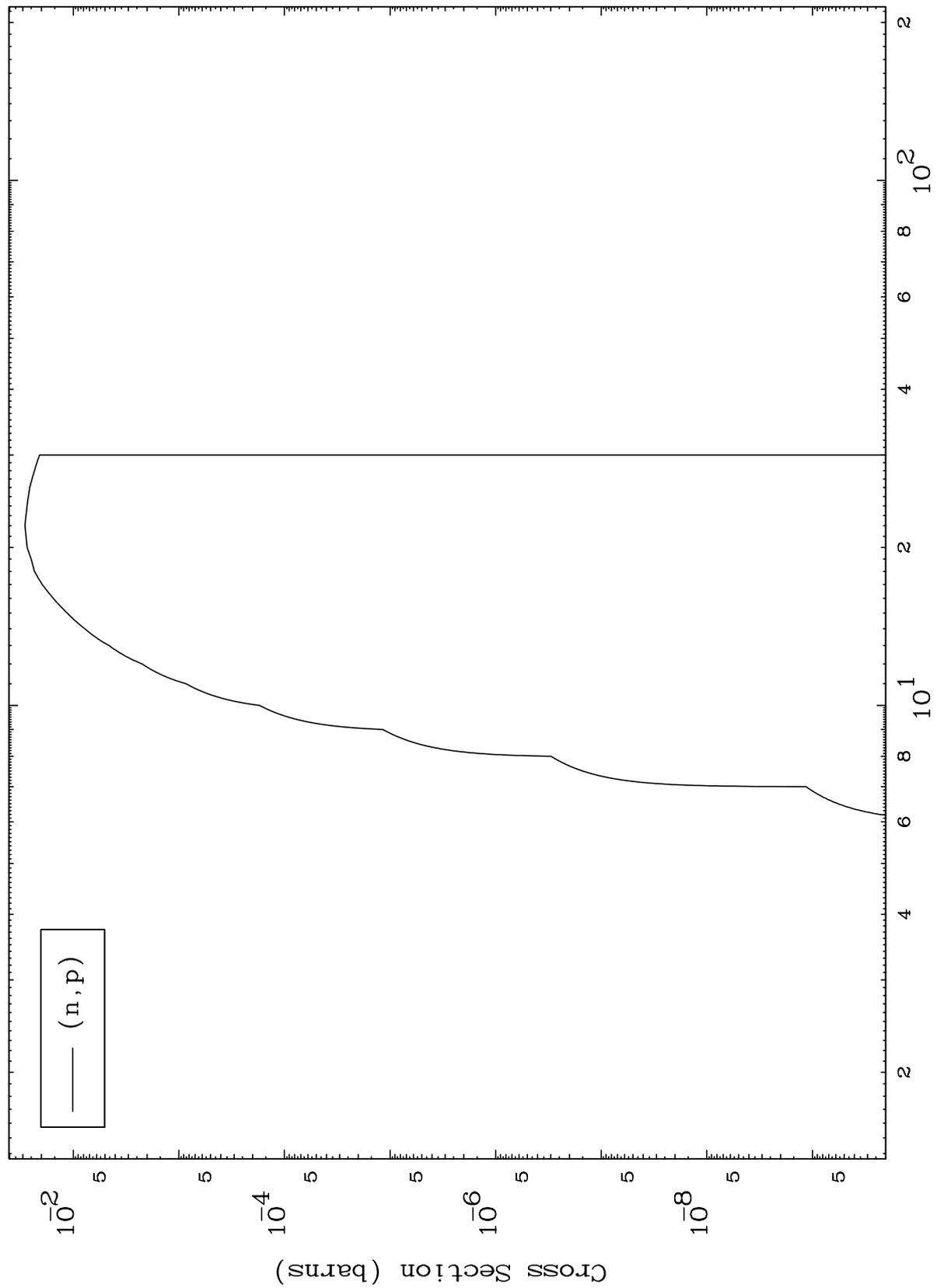








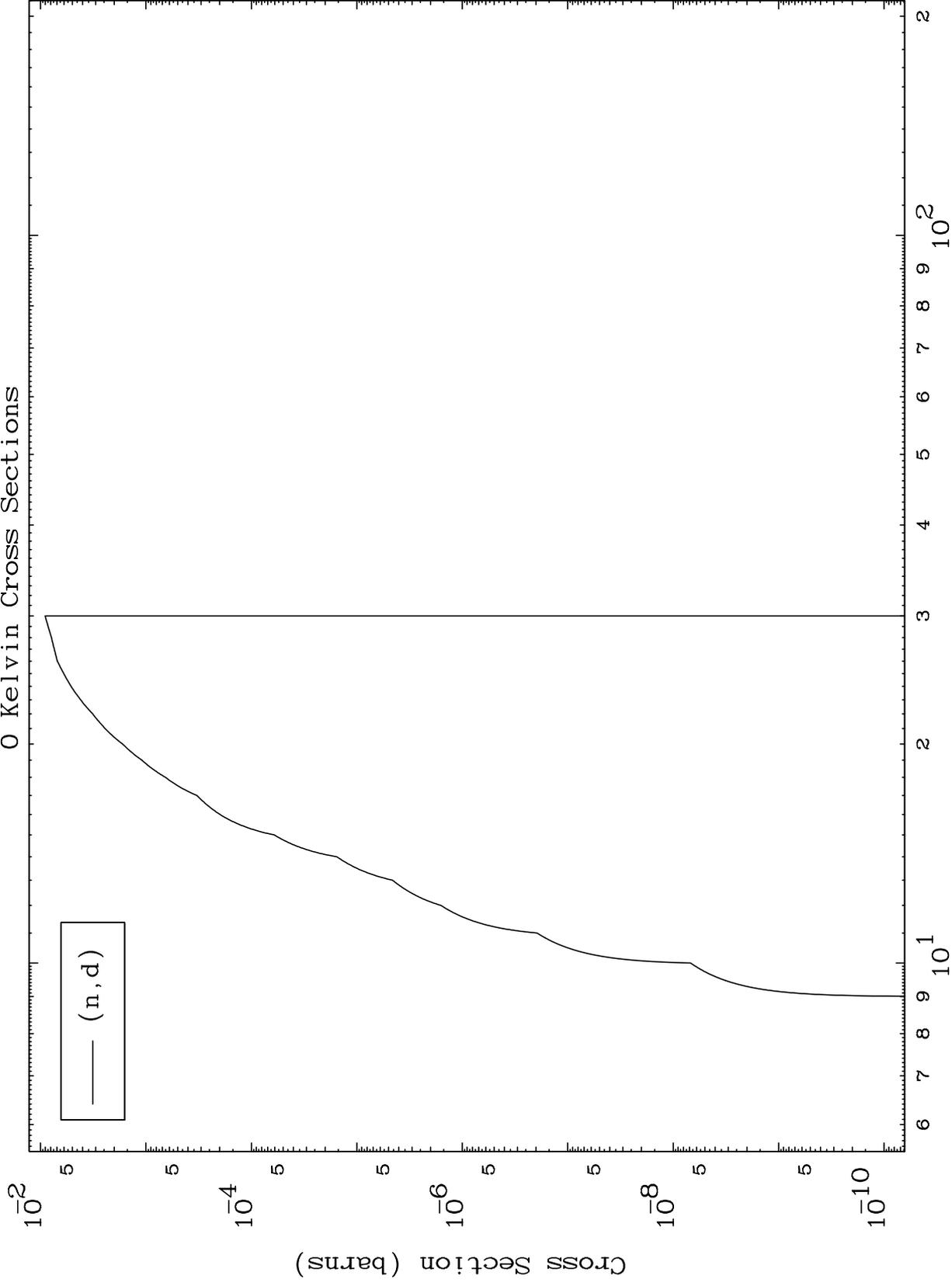
(α, p) Levels
0 Kelvin Cross Sections



MAT 3728

(α, d) Levels
0 Kelvin Cross Sections

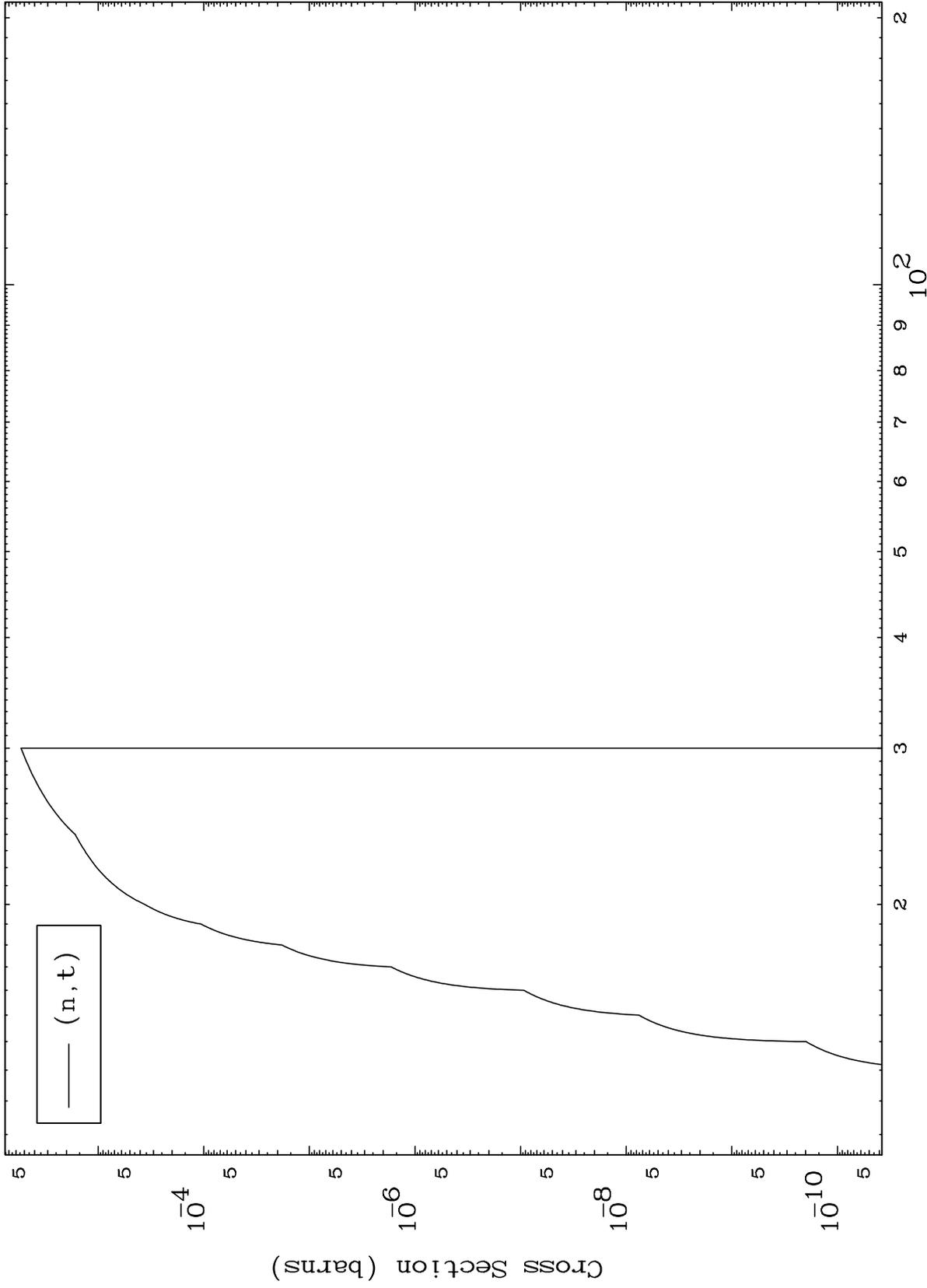
37-Rb-86



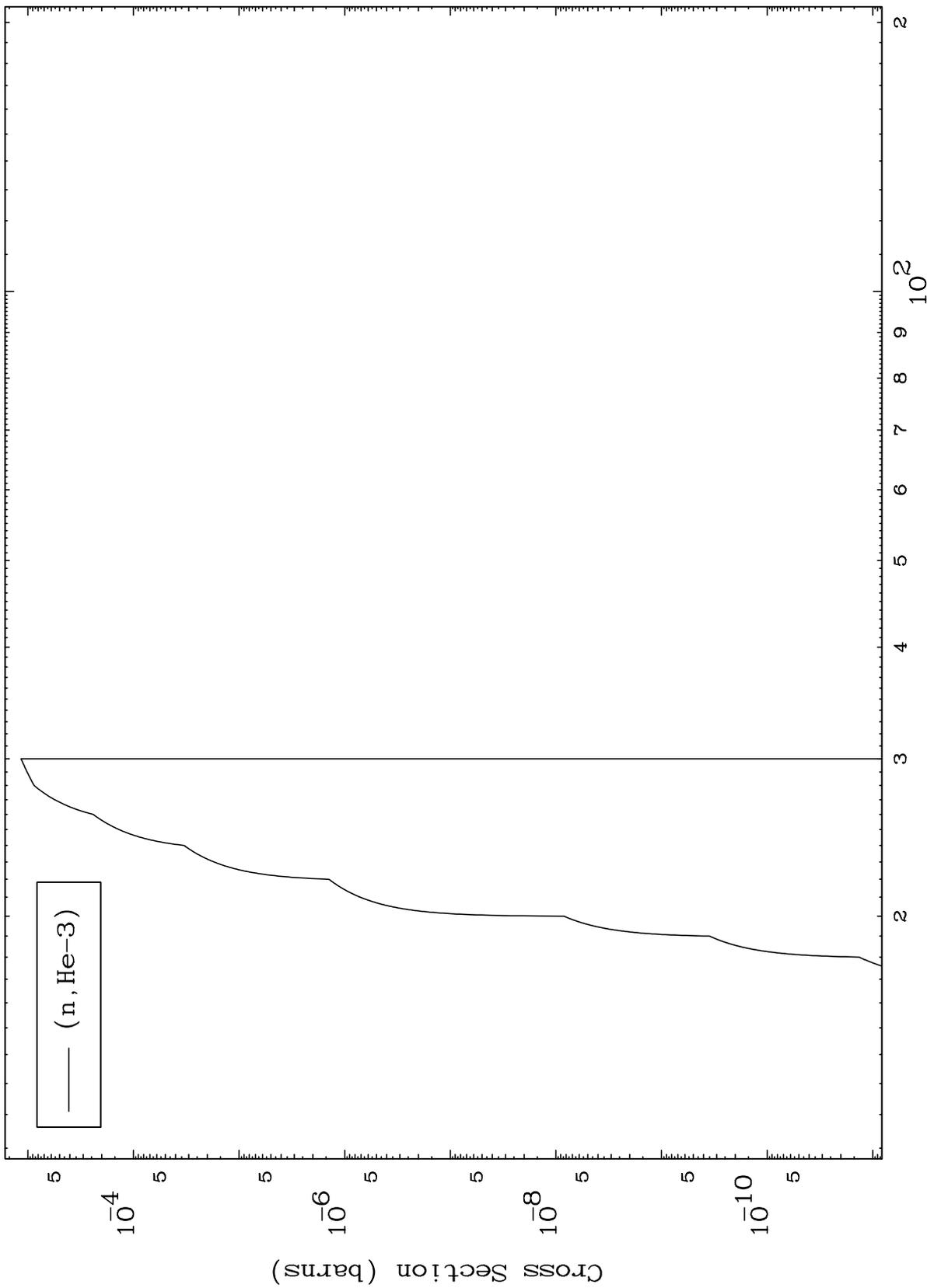
8

Incident Energy (MeV)

37-Rb-86



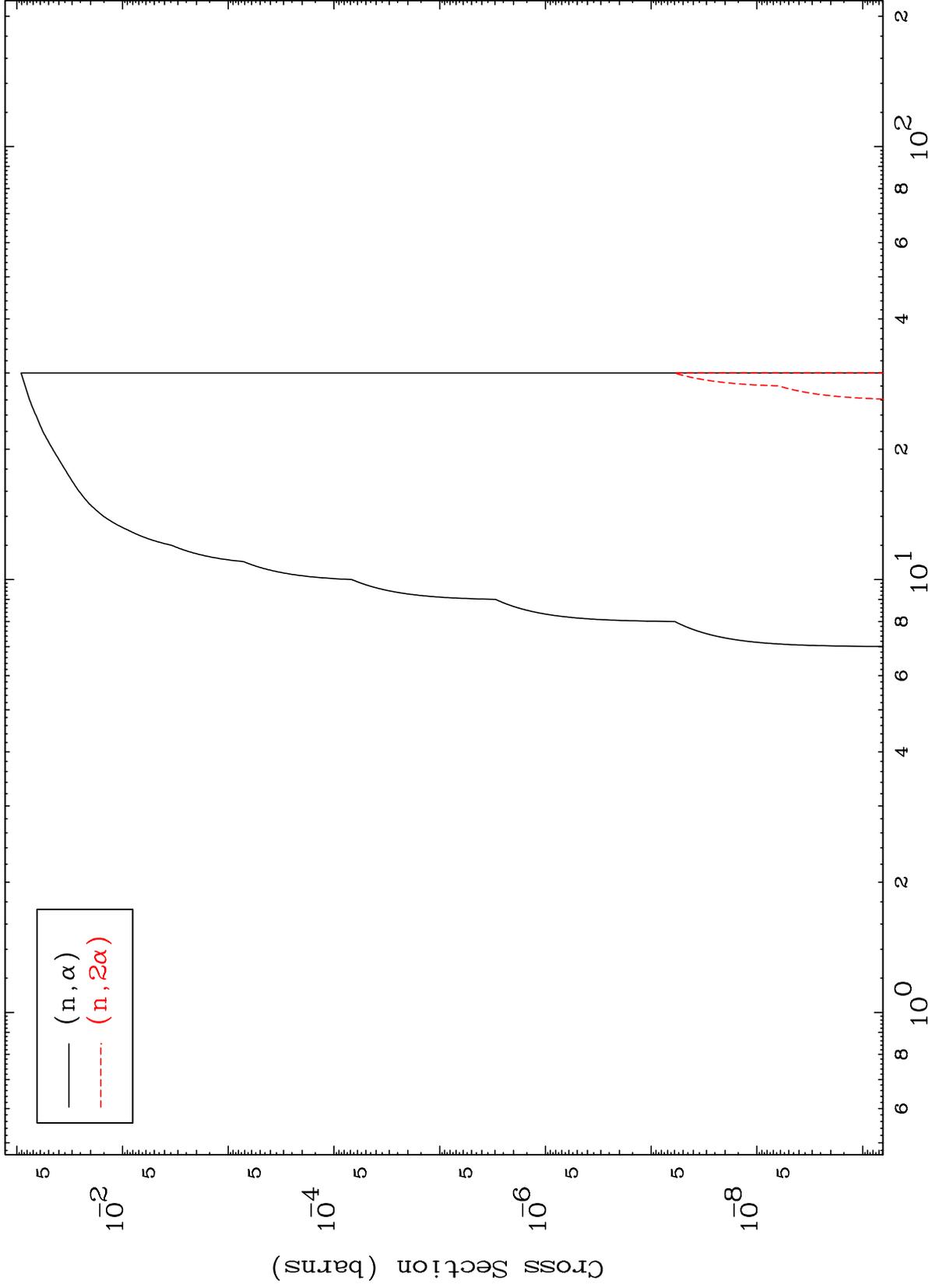
($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections



MAT 3728

(α, α) Levels
0 Kelvin Cross Sections

37-Rb-86



11

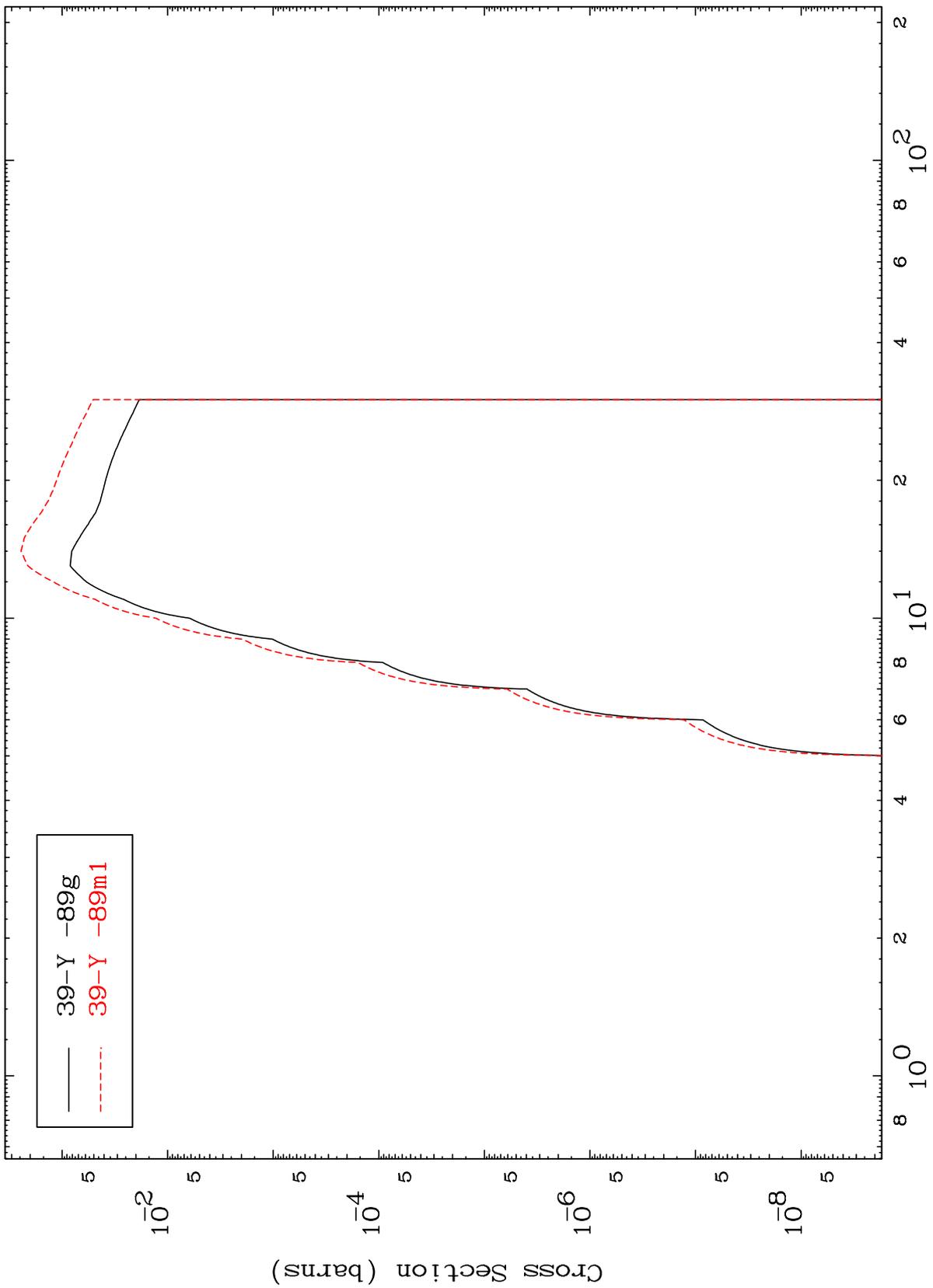
Incident Energy (MeV)

37-Rb-86

MAT 3728

37-Rb-86

Inelastic
Radionuclide Production Cross Section



— 39-Y -89g
- - - 39-Y -89m1

37-Rb-86

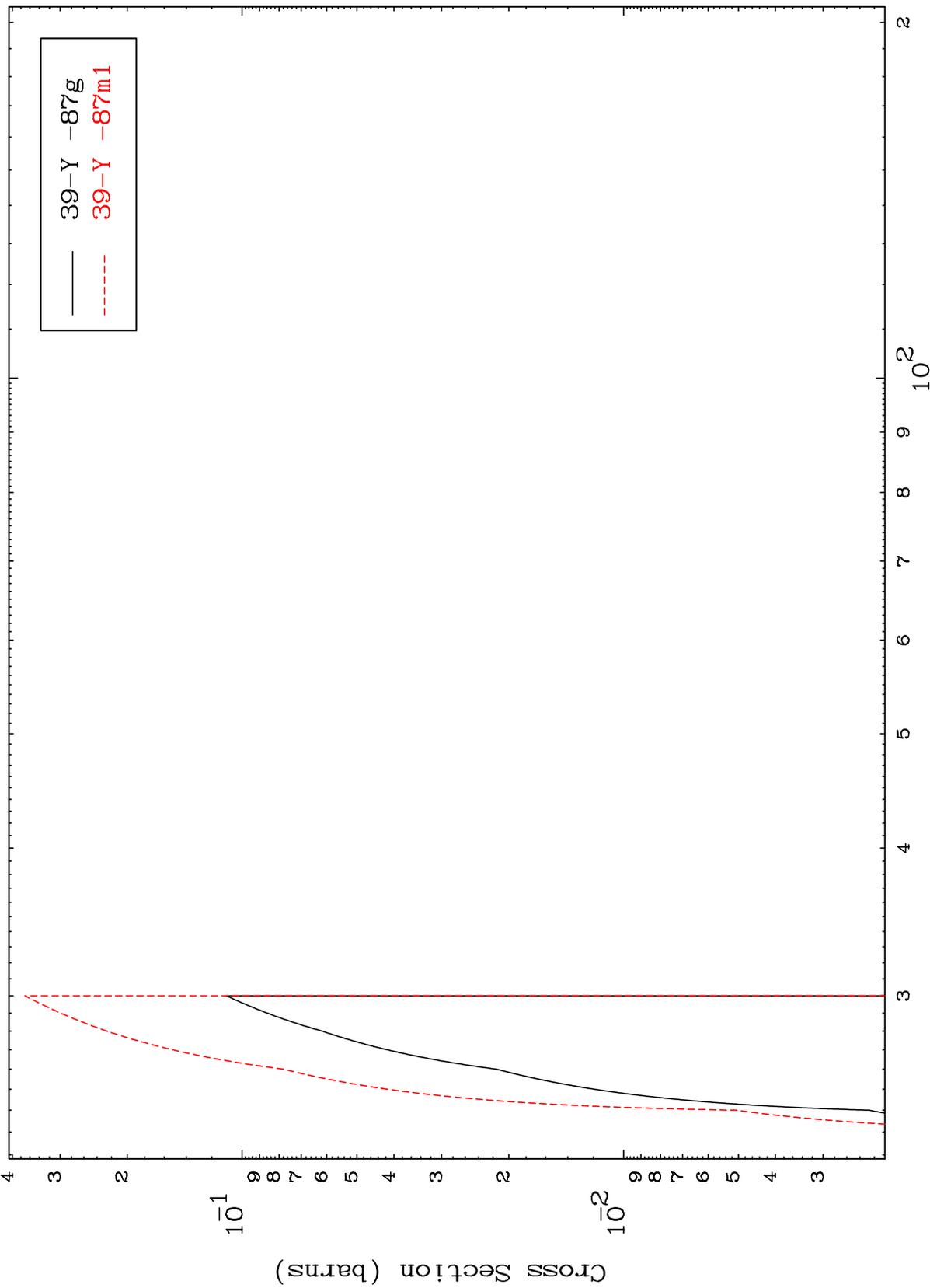
Incident Energy (MeV)

12

MAT 3728

37-Rb-86

(n,3n)
Radionuclide Production Cross Section



39-Y -87g
39-Y -87m1

37-Rb-86

Incident Energy (MeV)

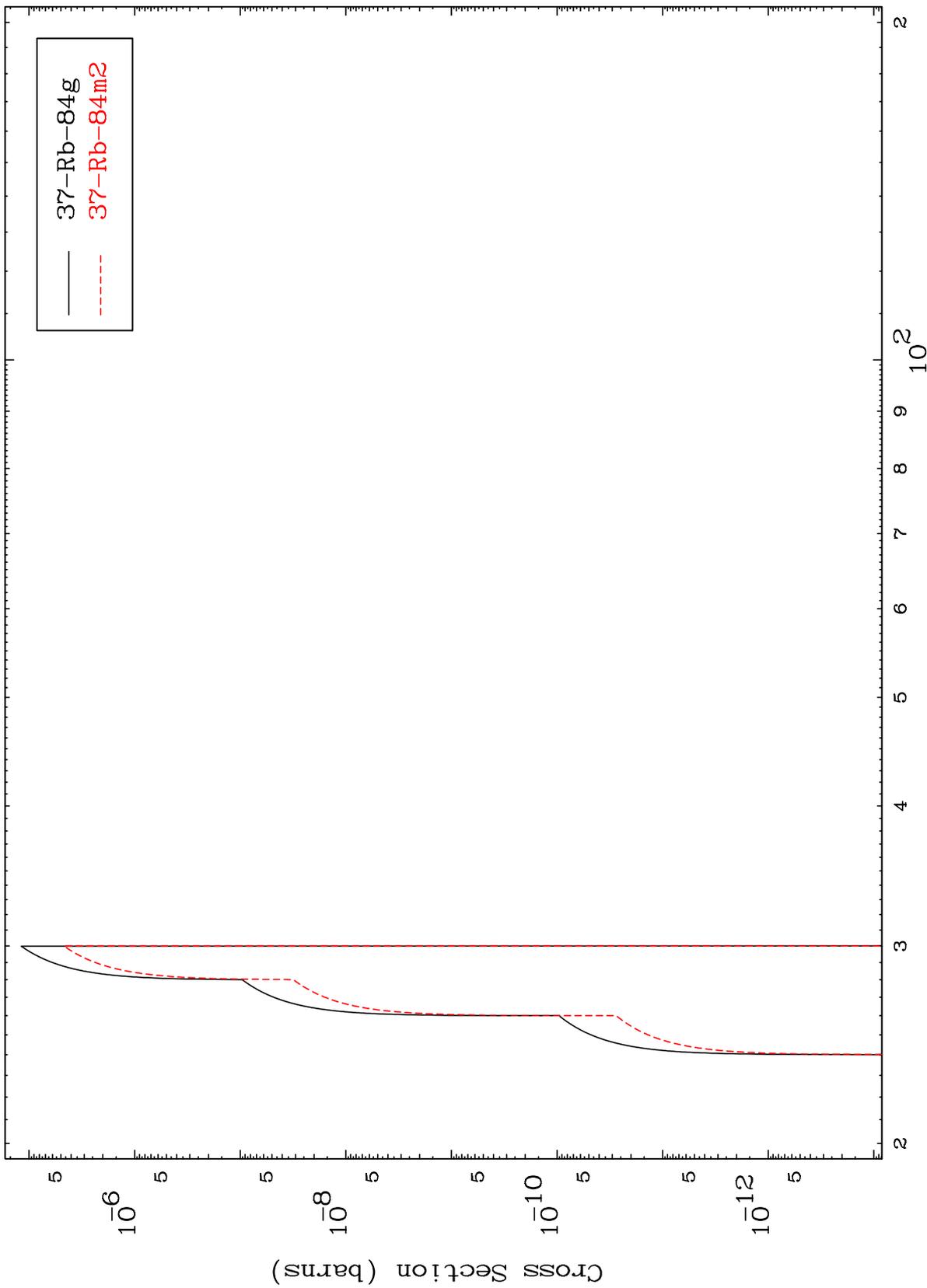
13

MAT 3728

$(n,2n) \alpha$

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

Radionuclide Production Cross Section

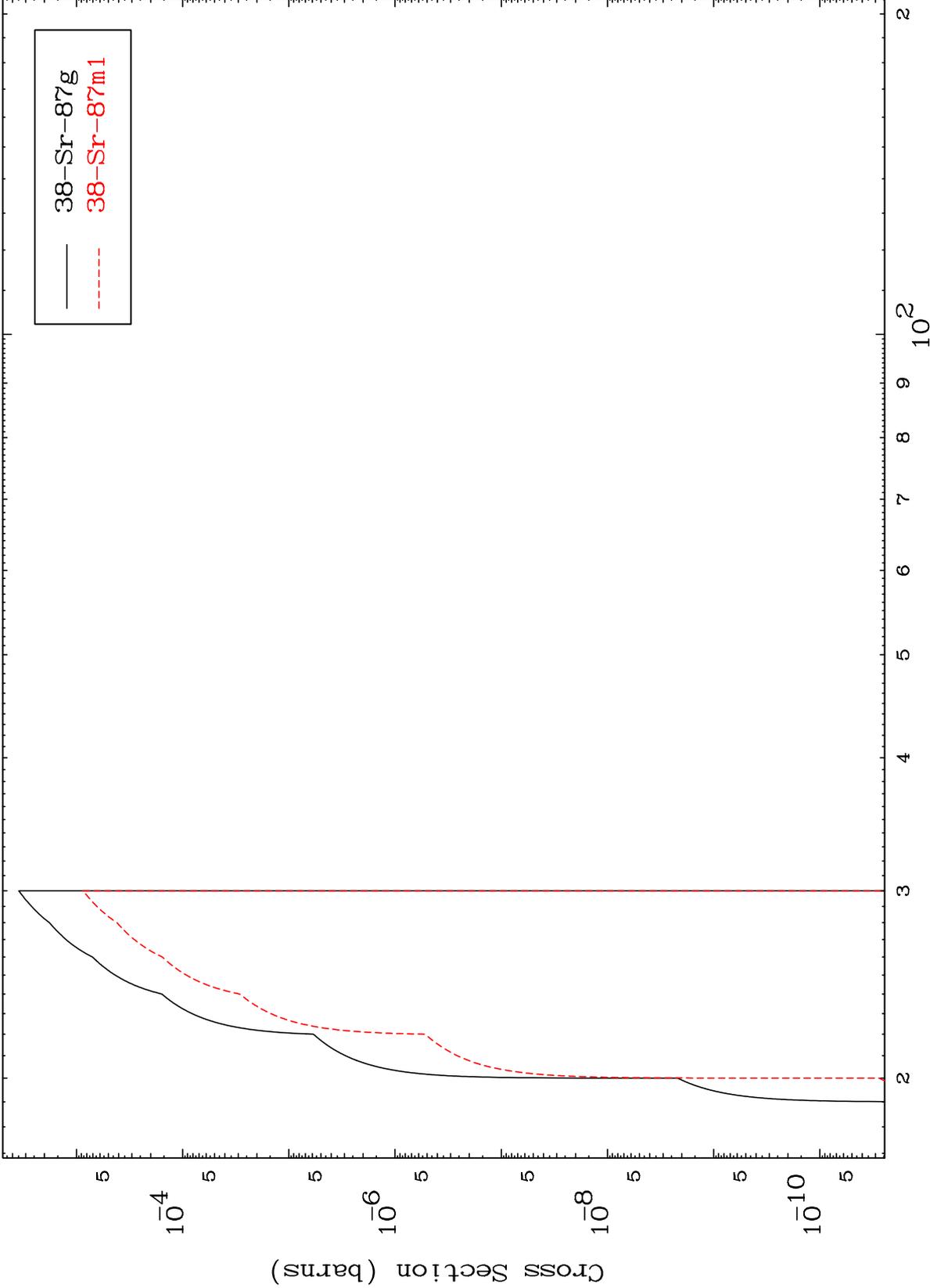


14

Incident Energy (MeV)

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

Radionuclide Production Cross Section



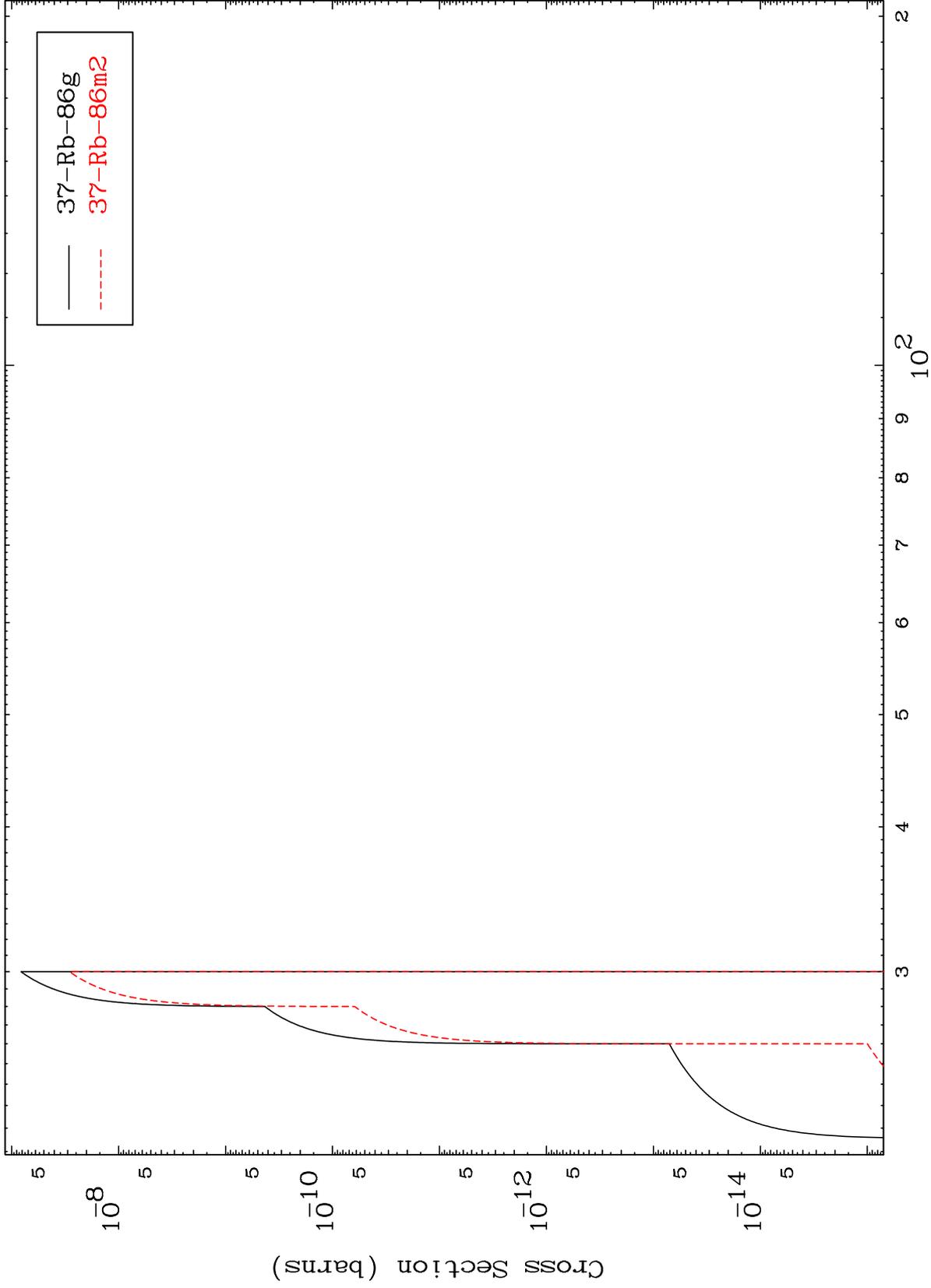
— 38-Sr-87g
- - - 38-Sr-87m1

MAT 3728

(n,n') He-3

37-Rb-86

Radionuclide Production Cross Section

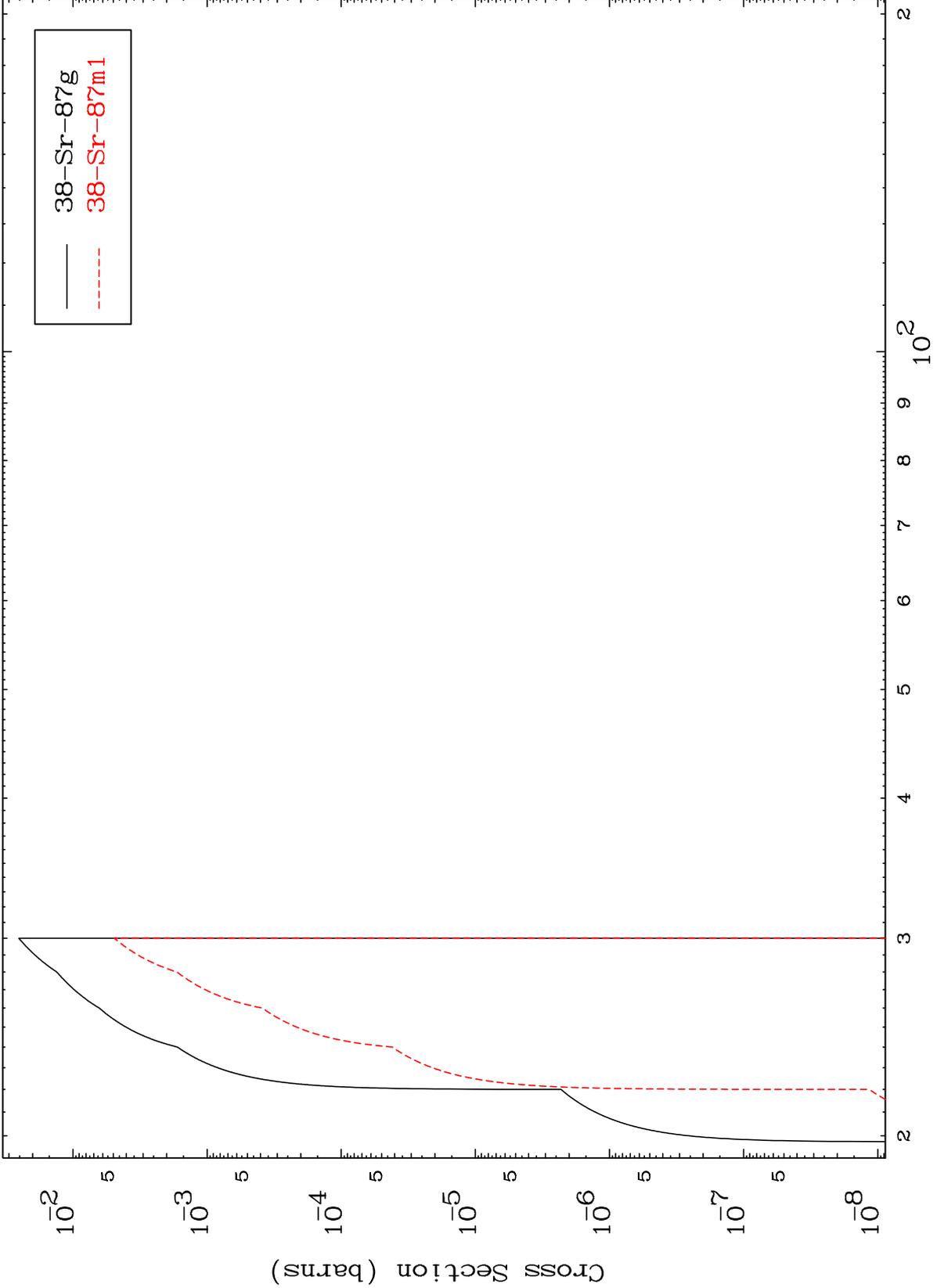


16

Incident Energy (MeV)

37-Rb-86

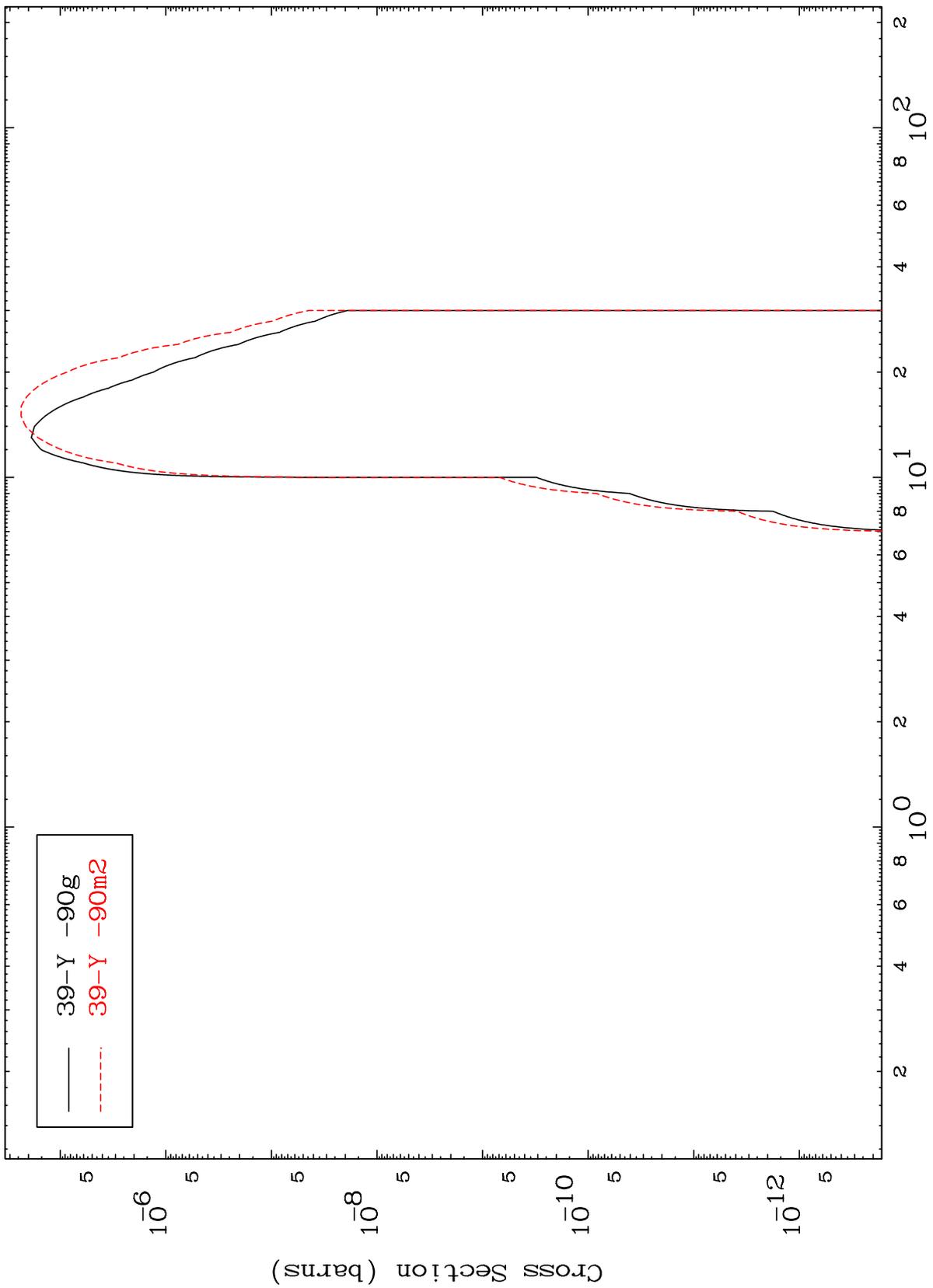
Radionuclide Production Cross Section



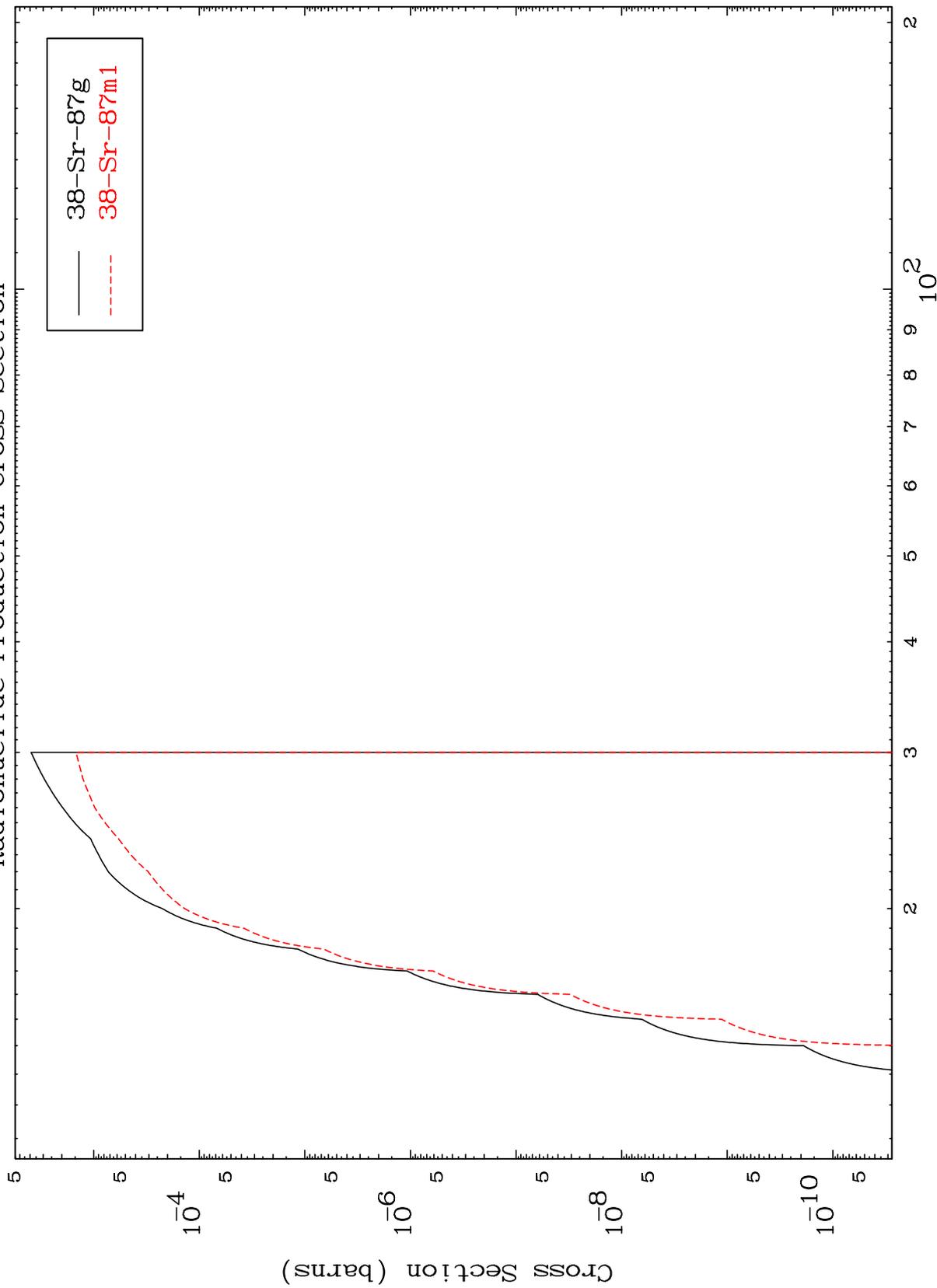
MAT 3728

37-Rb-86

Radionuclide Production Cross Section
(n, γ)

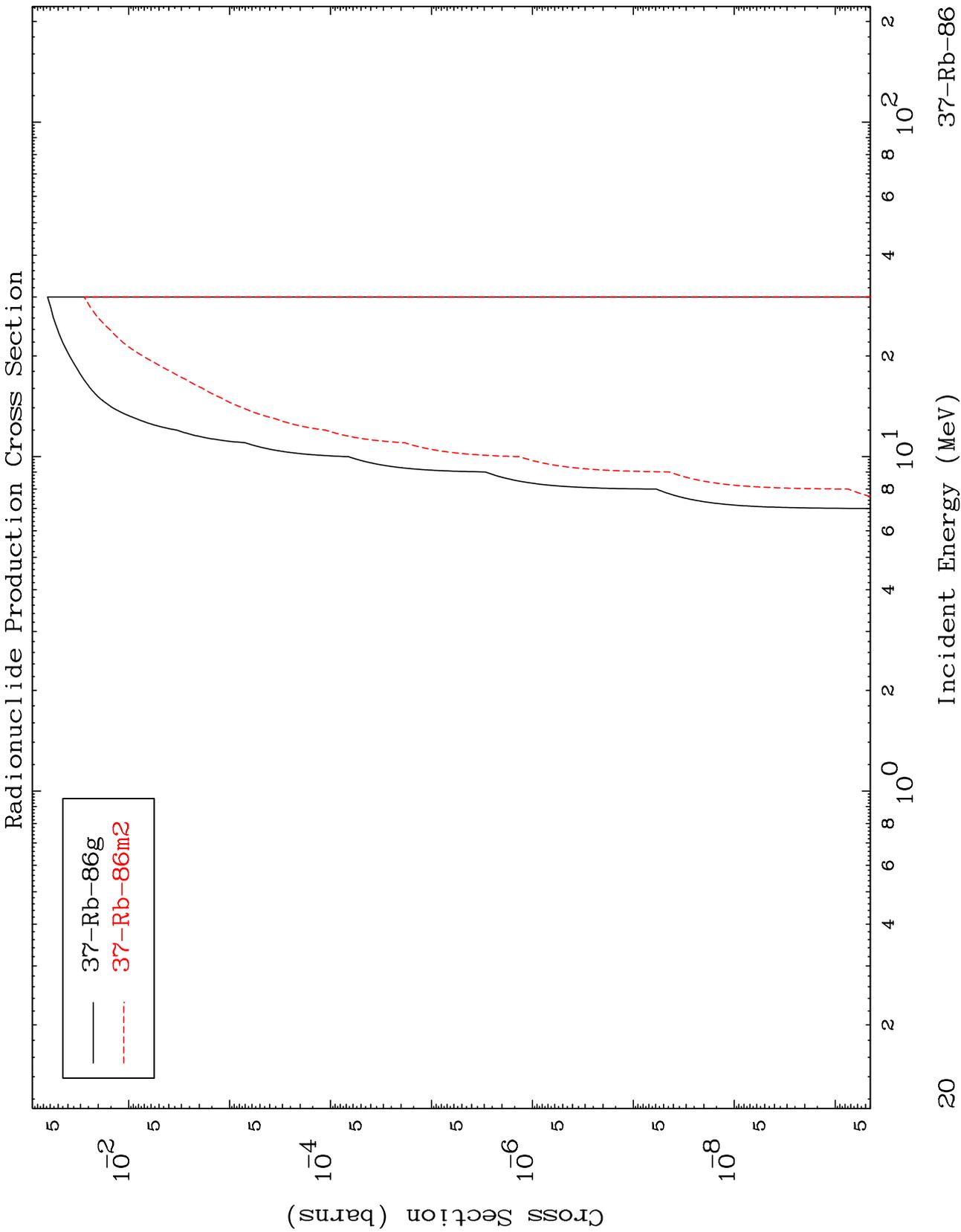


(n, t)
Radionuclide Production Cross Section



MAT 3728

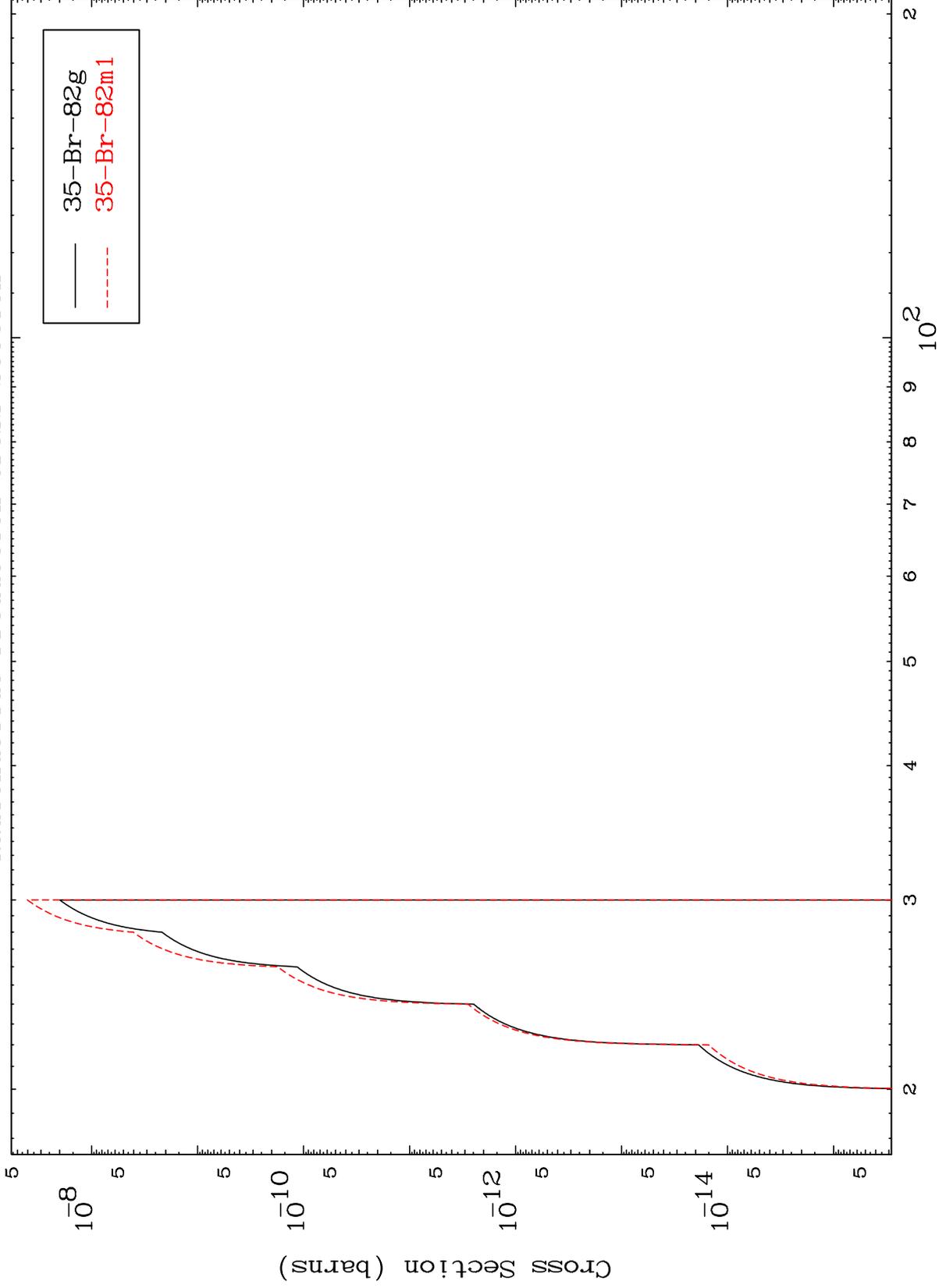
³⁷Rb-86



20

³⁷Rb-86

(n,2α)
Radionuclide Production Cross Section

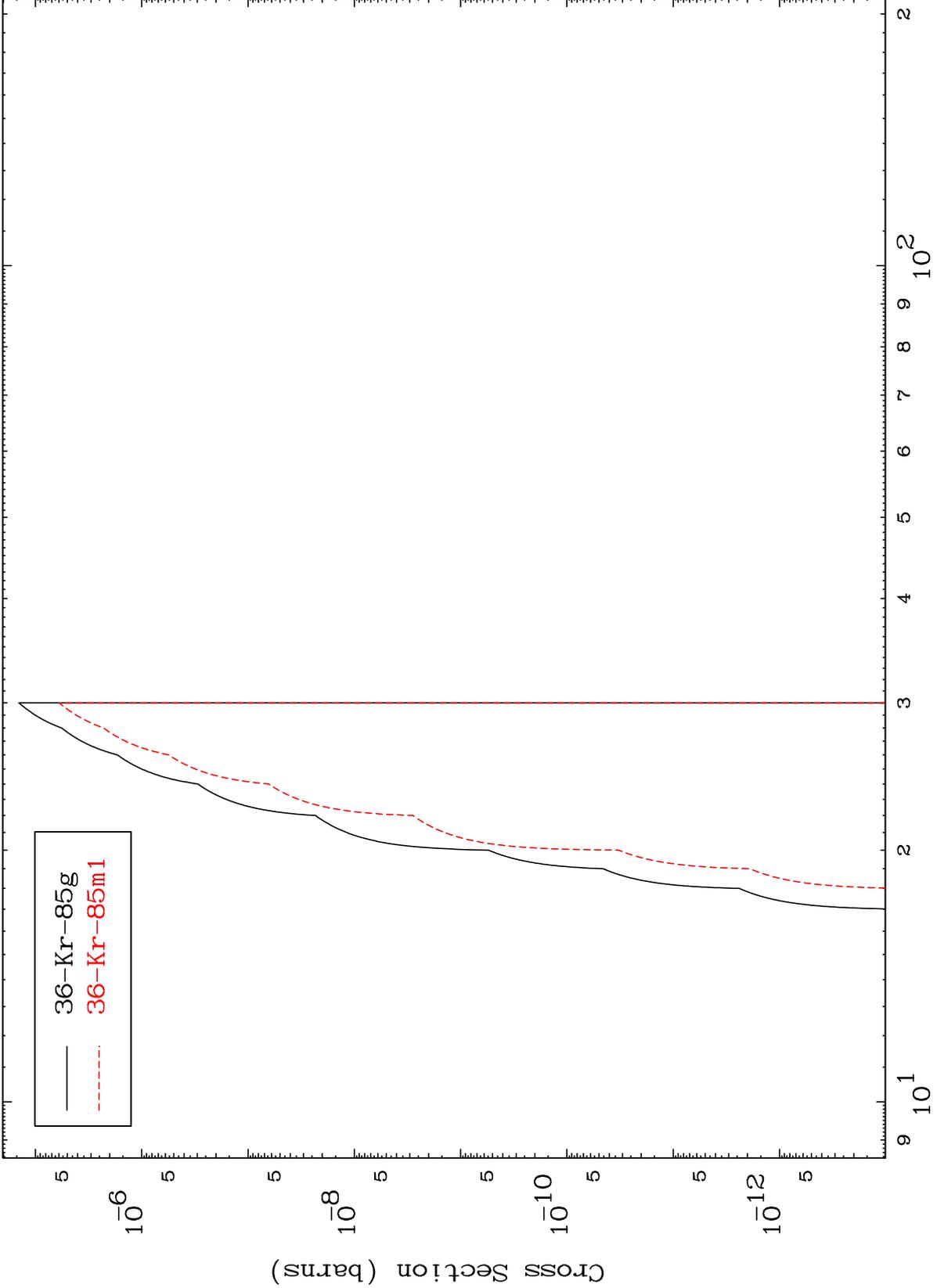


MAT 3728

(n,p) α

37-Rb-86

Radionuclide Production Cross Section



36-Kr-85g
36-Kr-85m1

22

Incident Energy (MeV)

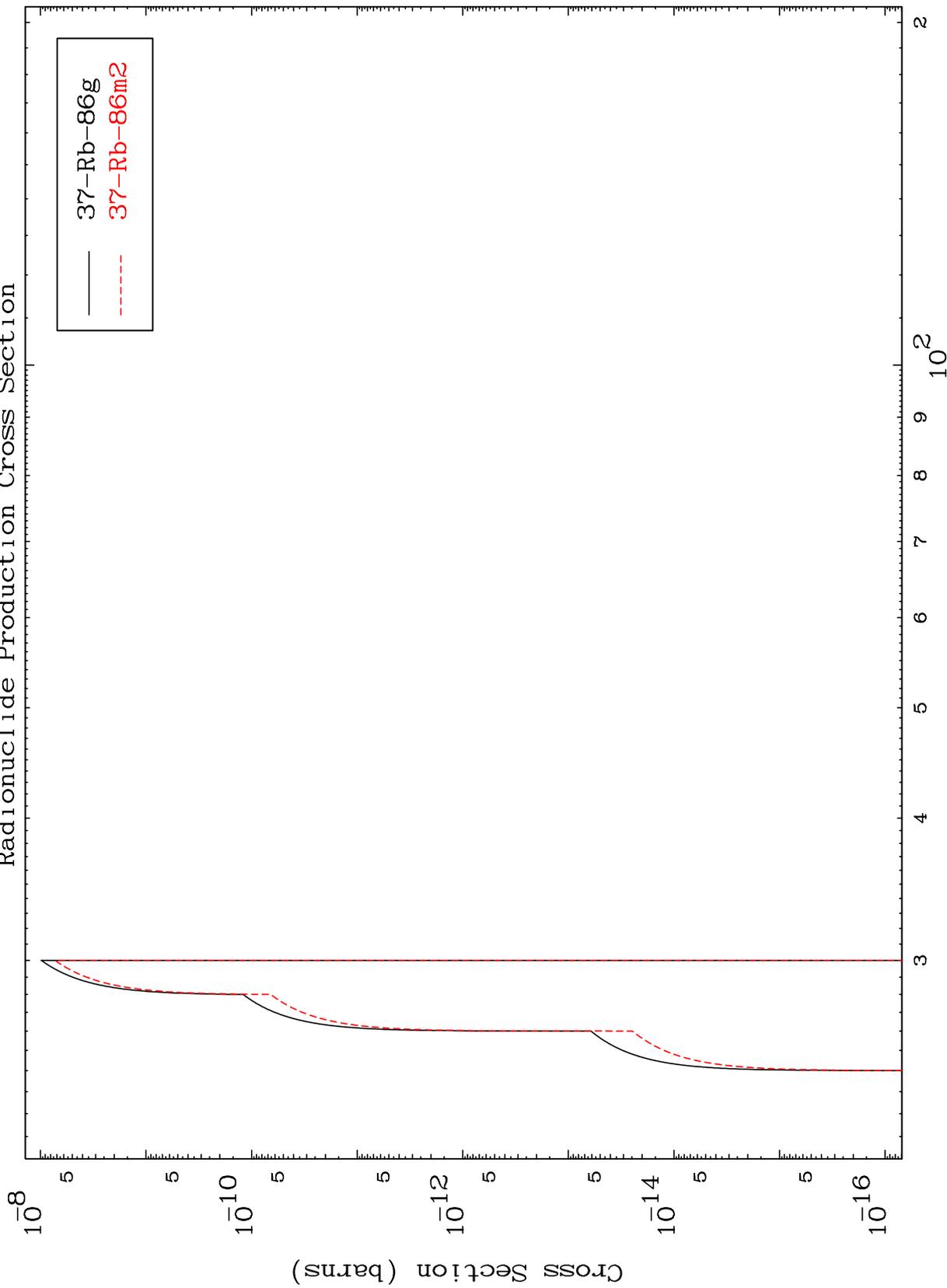
37-Rb-86

MAT 3728

(n,p) t

37-Rb-86

Radionuclide Production Cross Section



23

Incident Energy (MeV)

37-Rb-86