

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

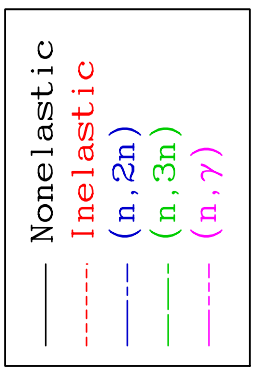
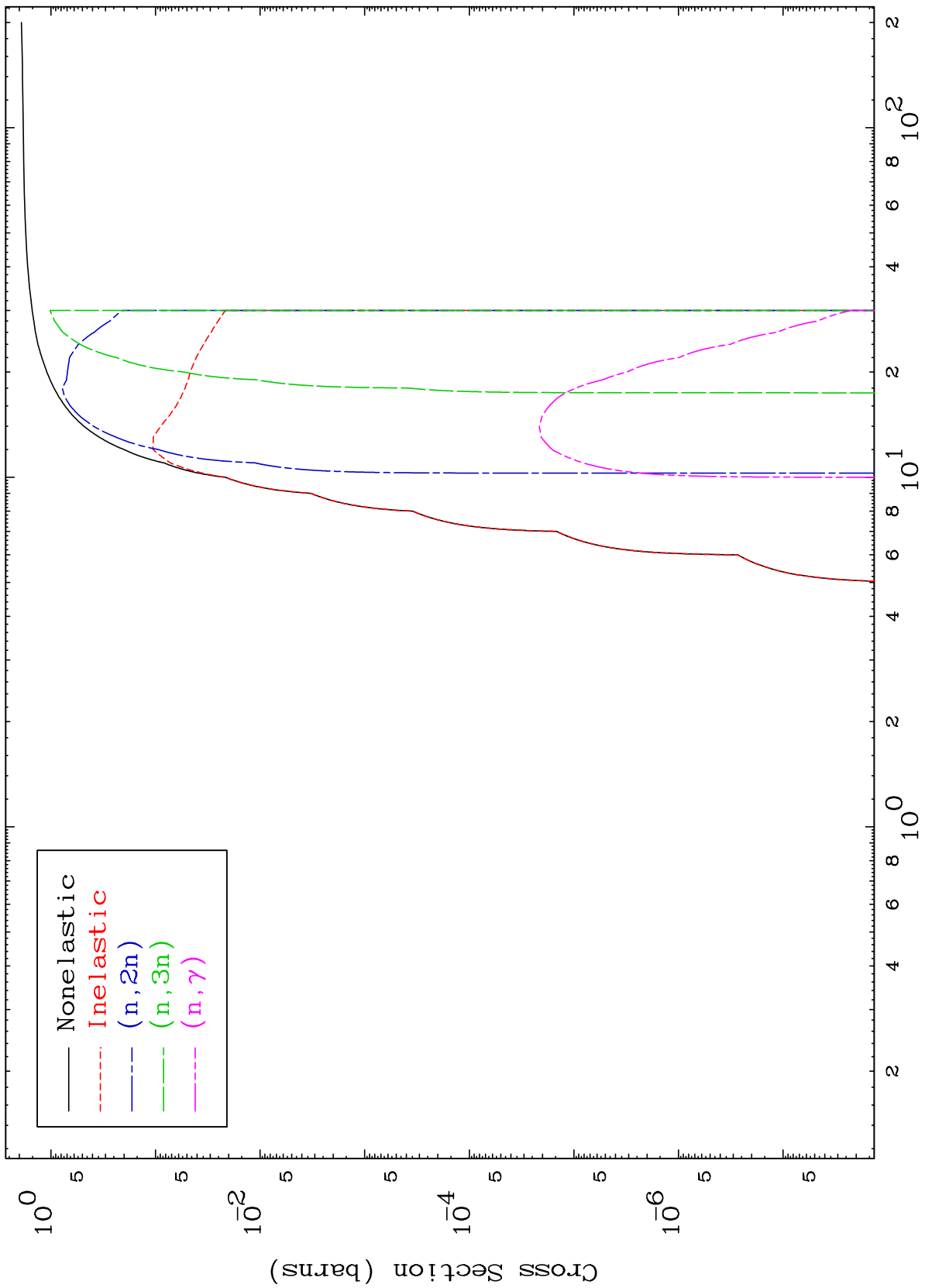
Press Mouse Button to Start

MAT 3734

α Major

37-Rb-88

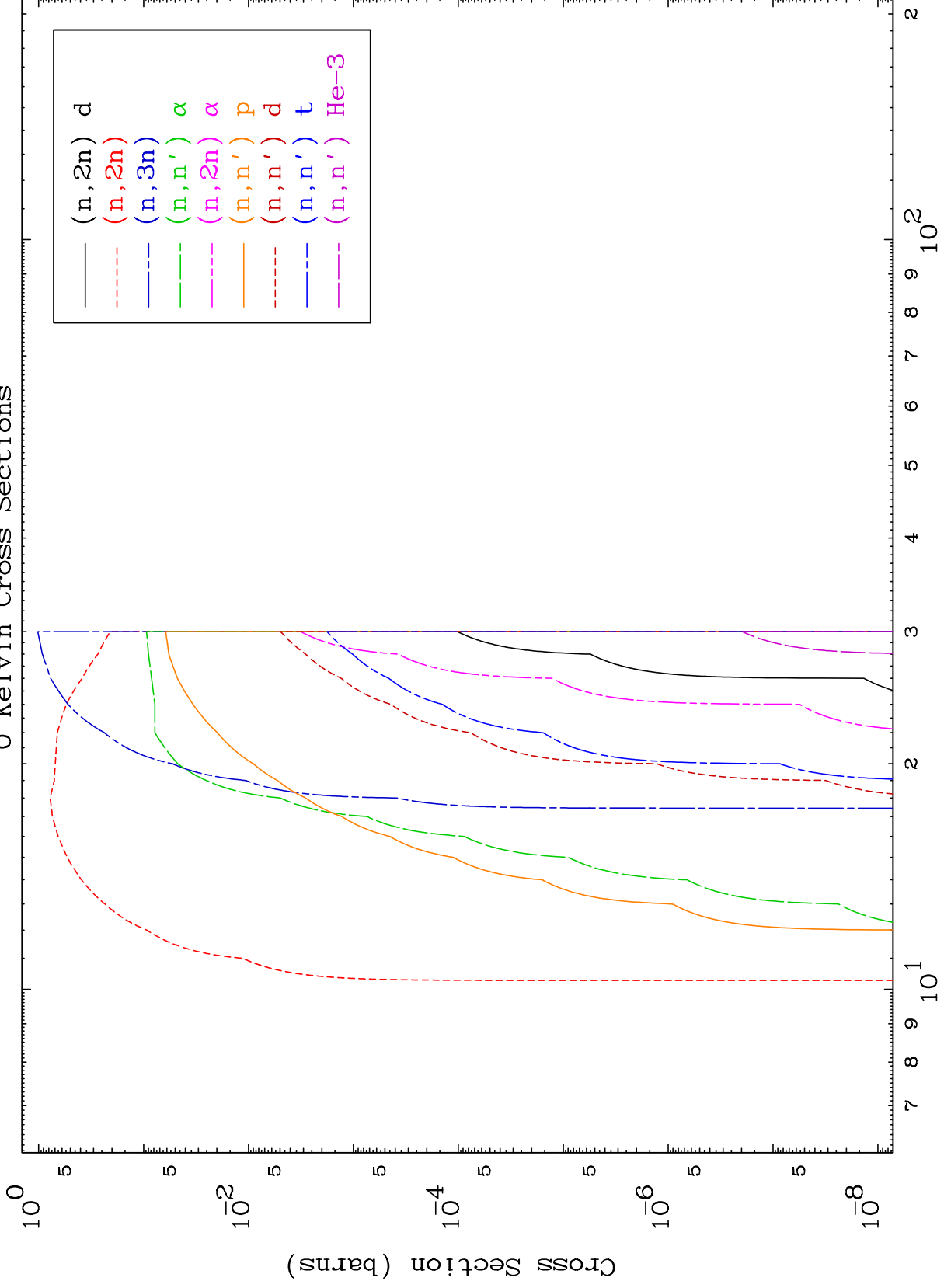
0 Kelvin Cross Sections



MAT 3734

α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-88



2

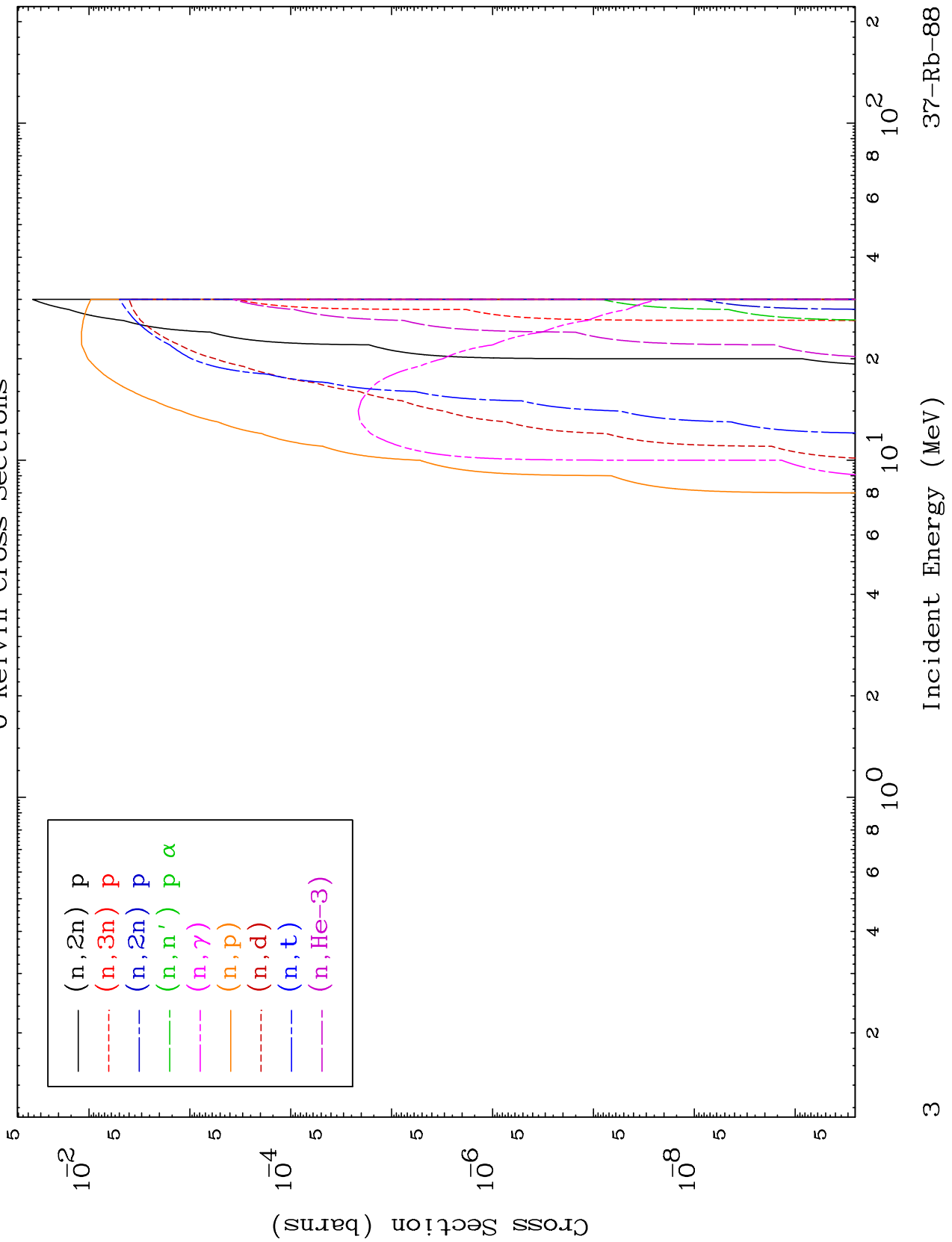
Incident Energy (MeV)

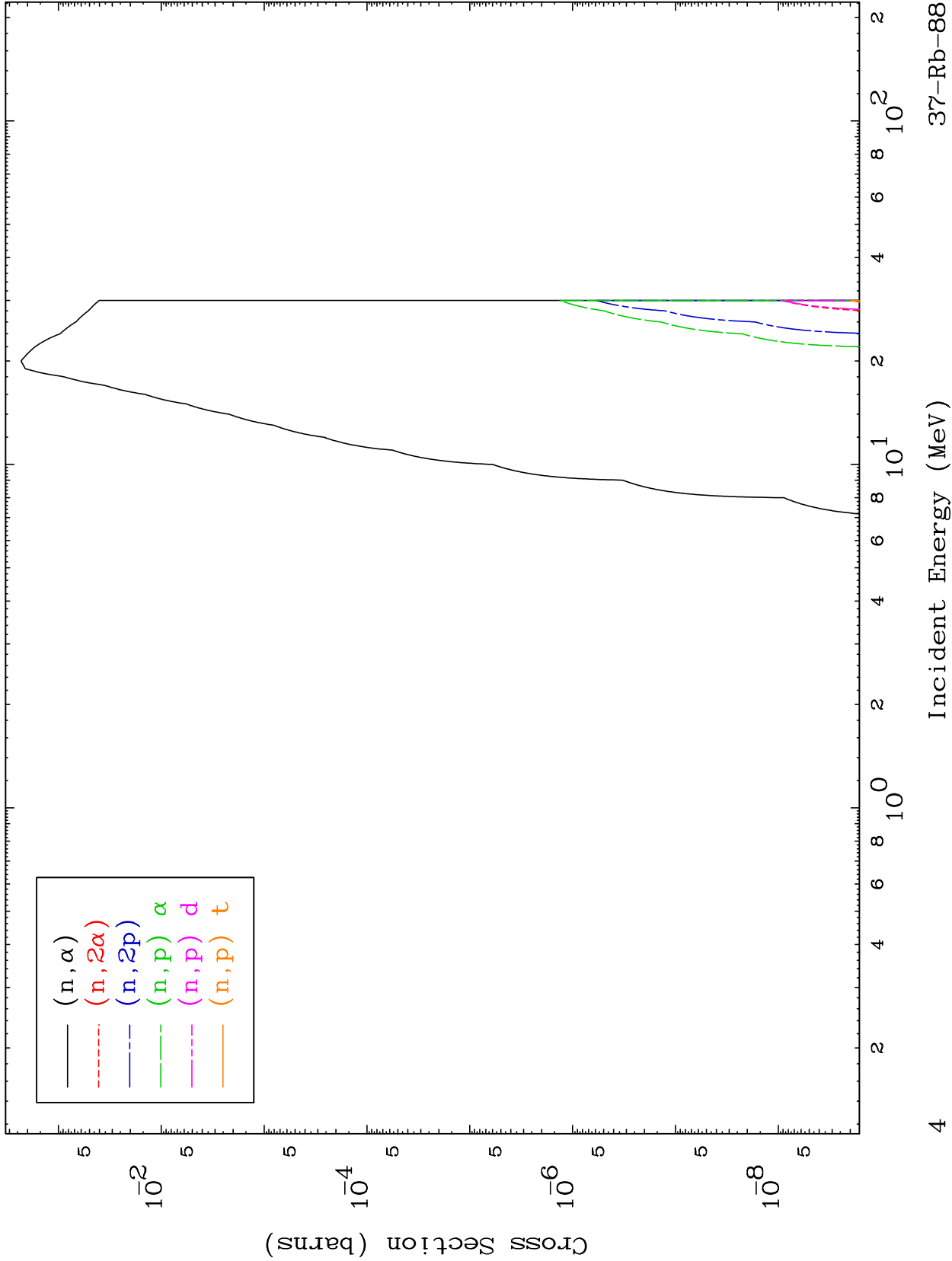
37-Rb-88

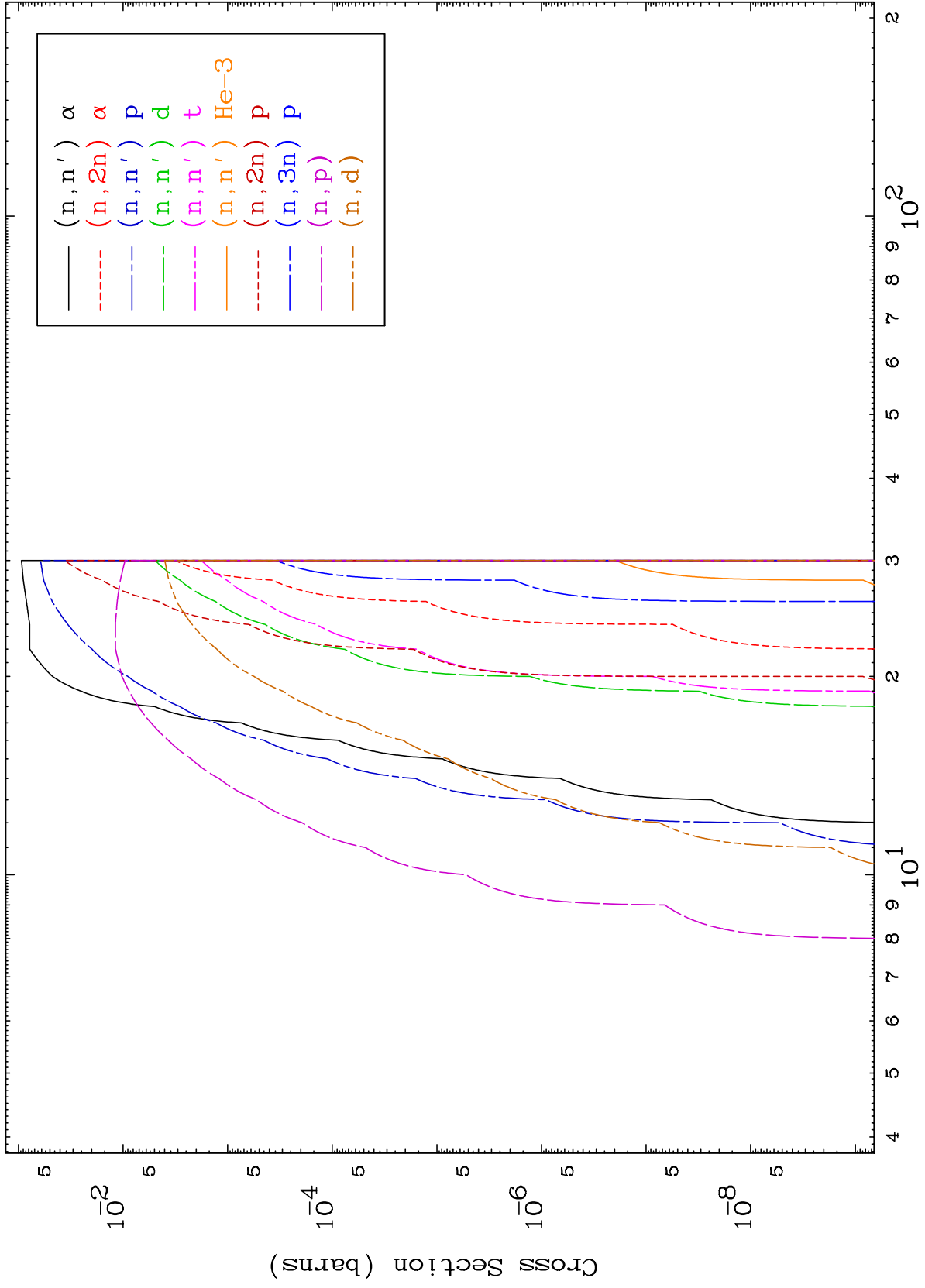
MAT 3734

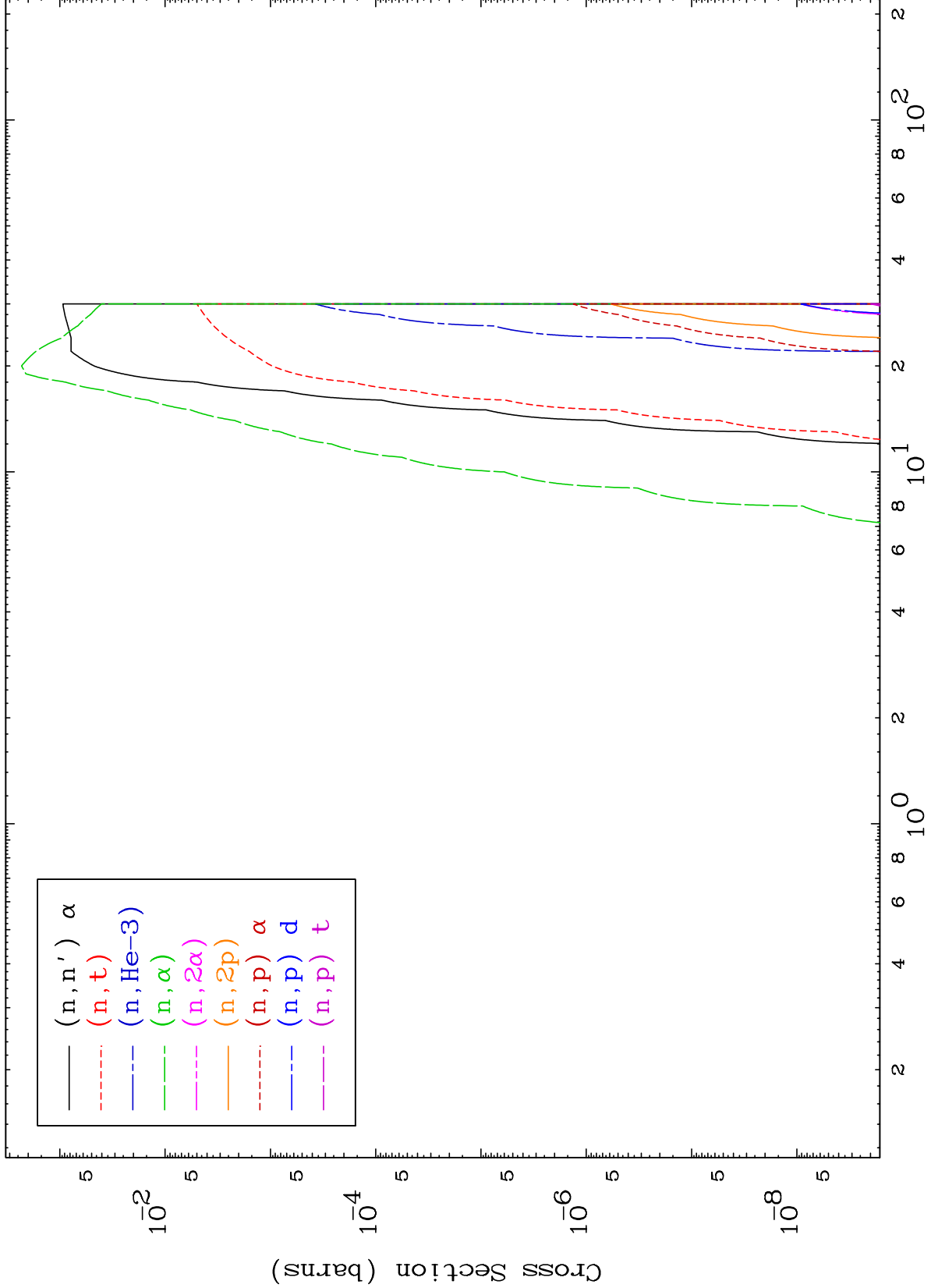
α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-88





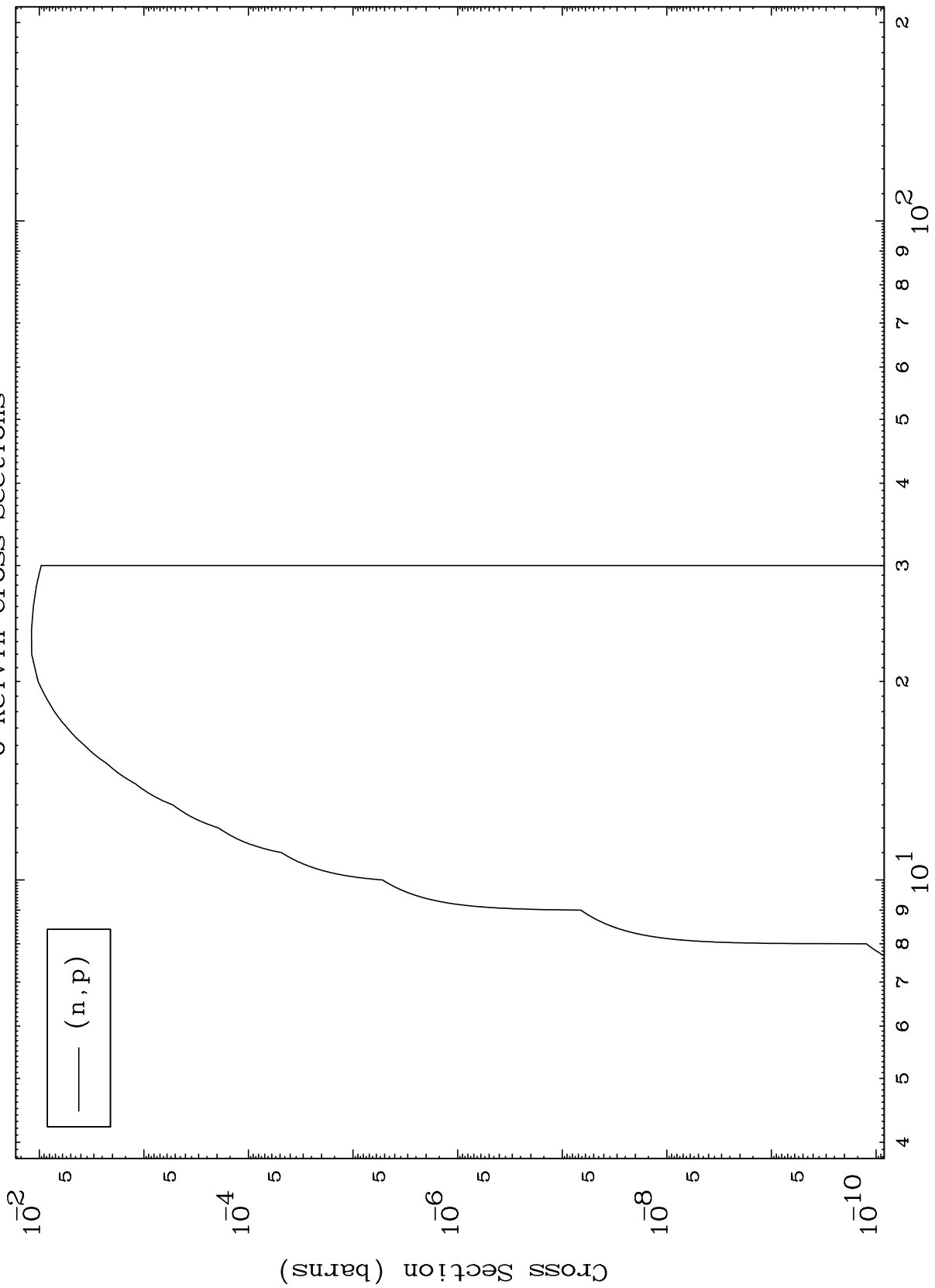




MAT 3734

37-Rb-88

(α, p) Levels
0 Kelvin Cross Sections



37-Rb-88

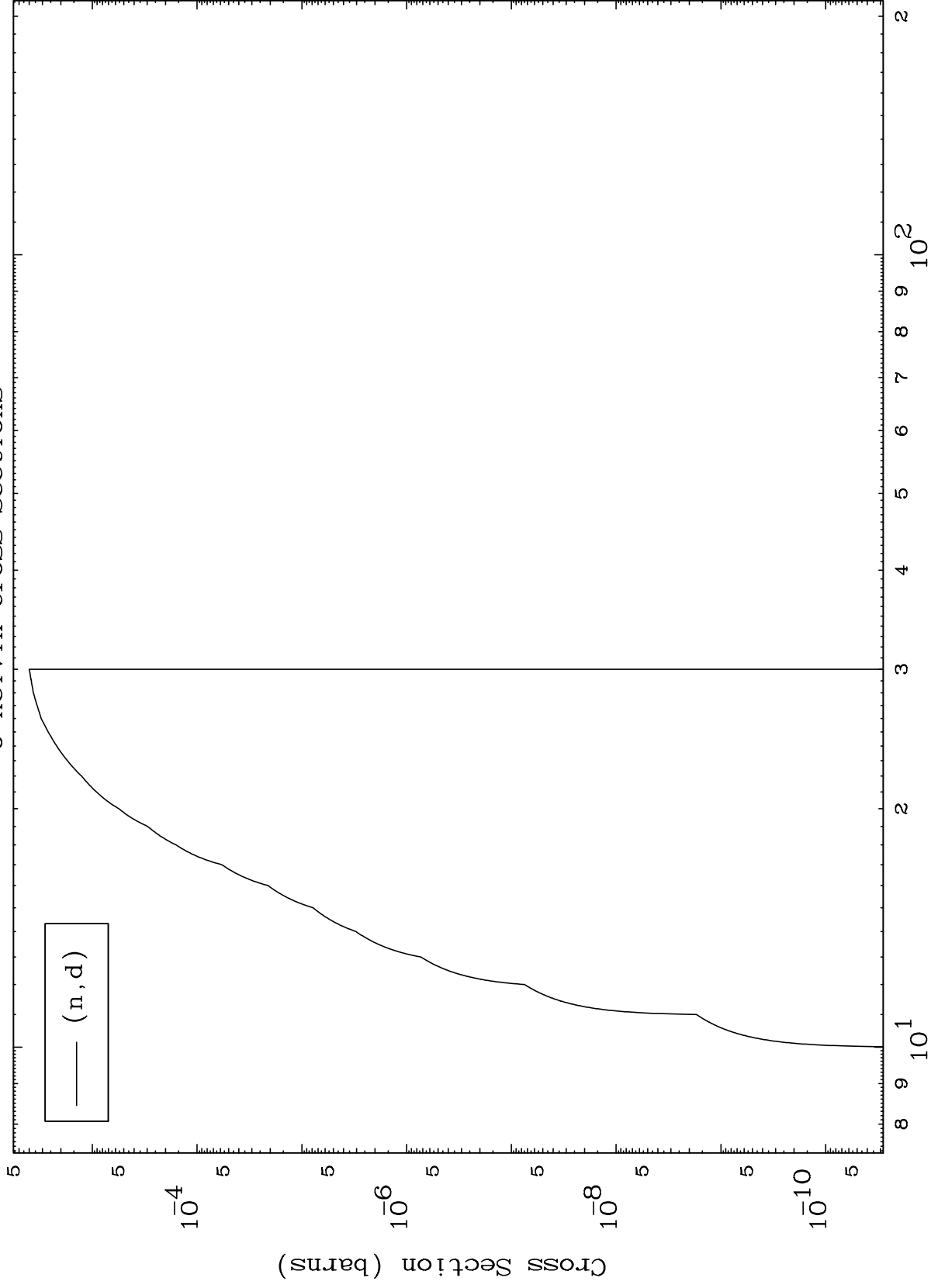
Incident Energy (MeV)

7

MAT 3734

(α, d) Levels
0 Kelvin Cross Sections

37-Rb-88



8

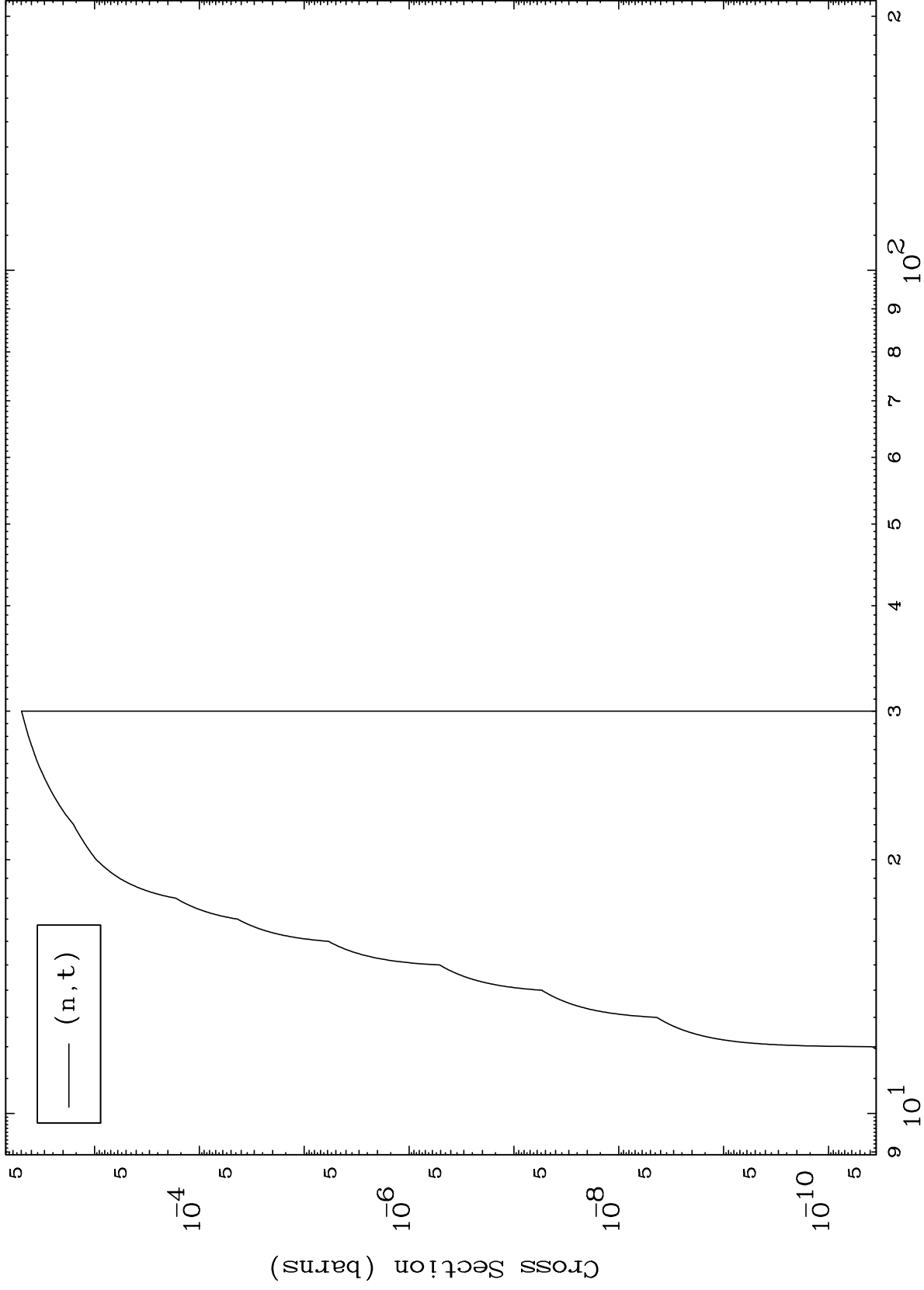
Incident Energy (MeV)

37-Rb-88

MAT 3734

(α, t) Levels
0 Kelvin Cross Sections

37-Rb-88



9

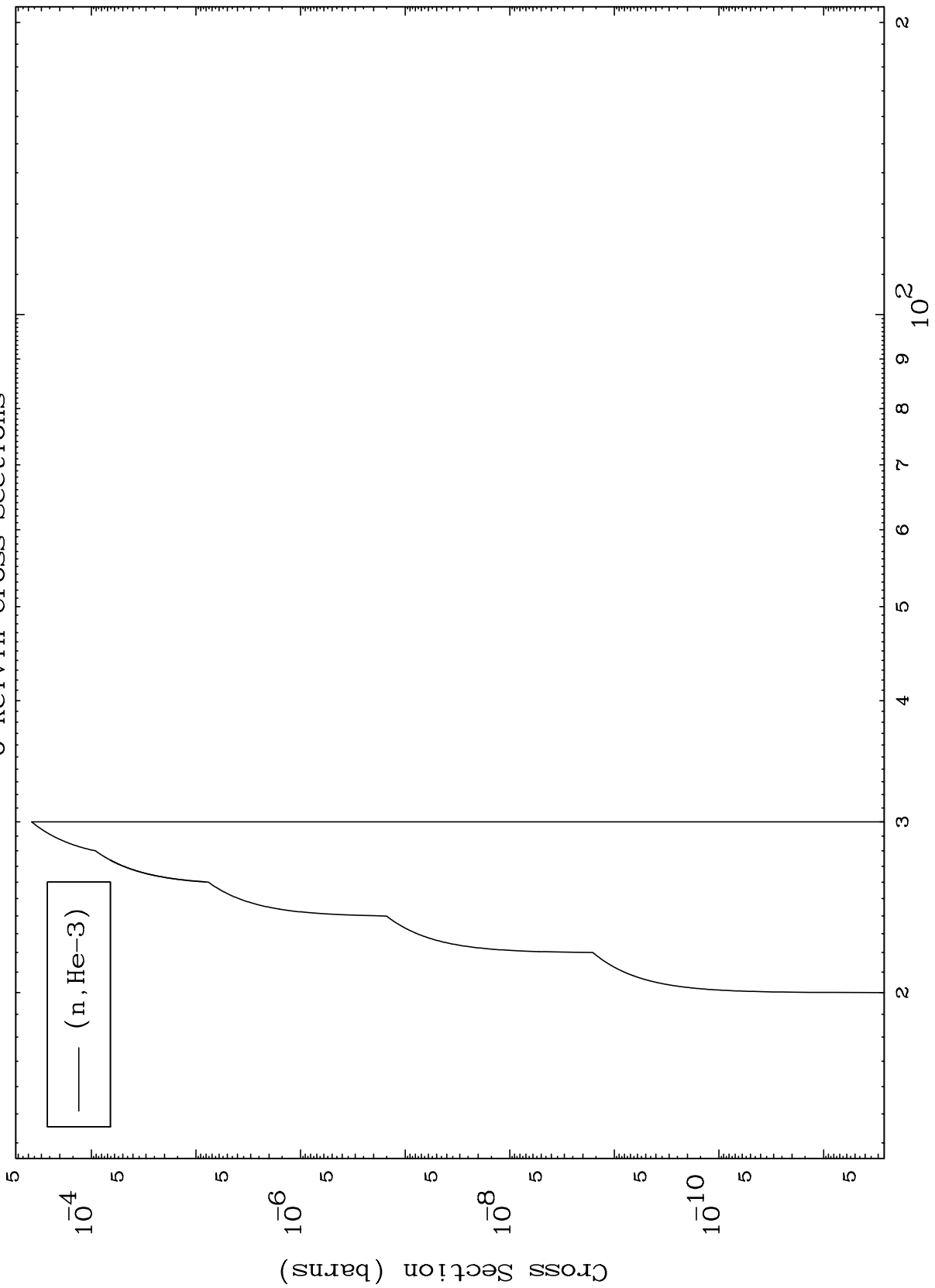
Incident Energy (MeV)

37-Rb-88

MAT 3734

37-Rb-88

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



10

Incident Energy (MeV)

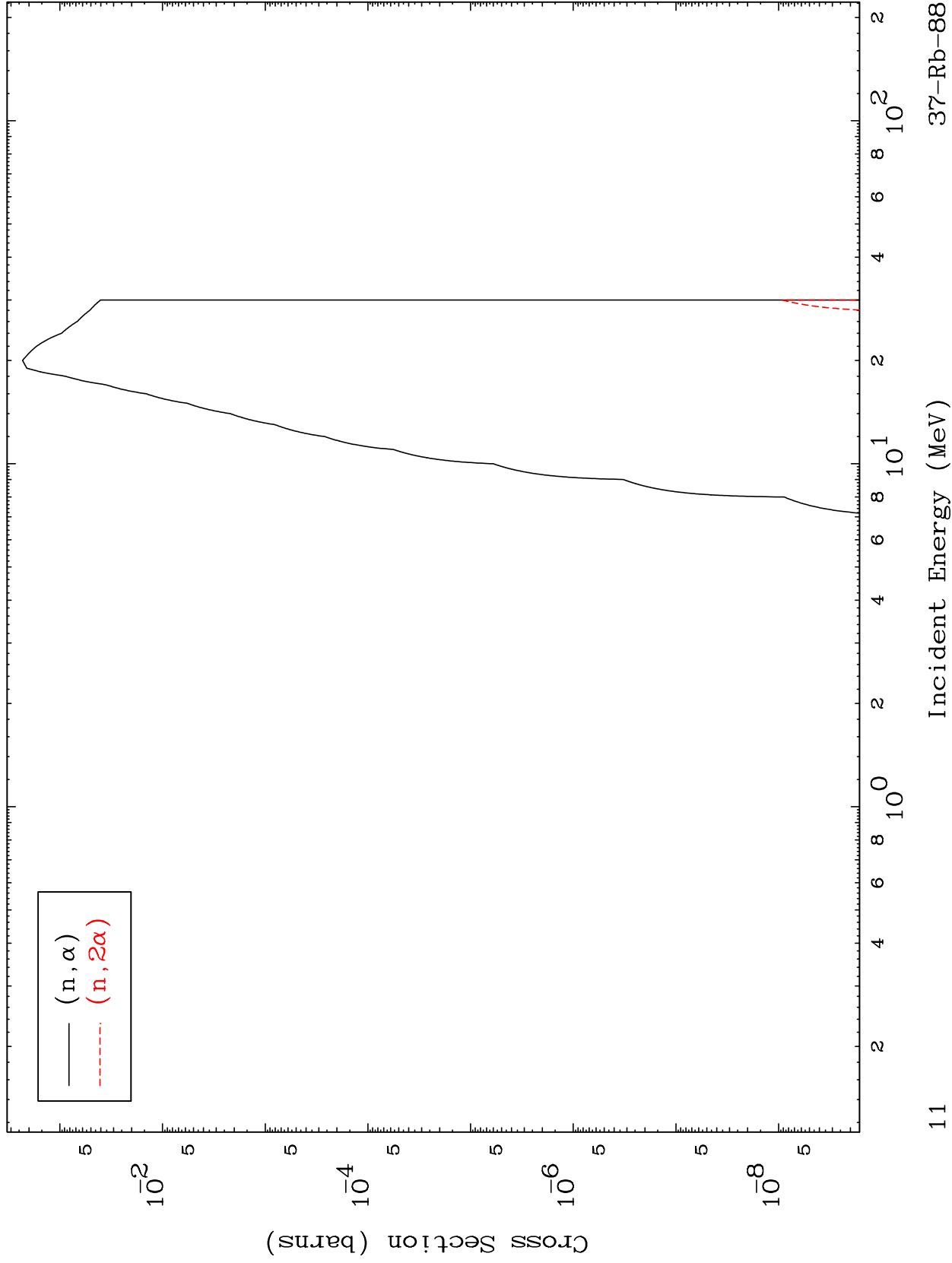
37-Rb-88

MAT 3734

(α, α) Levels

37-Rb-88

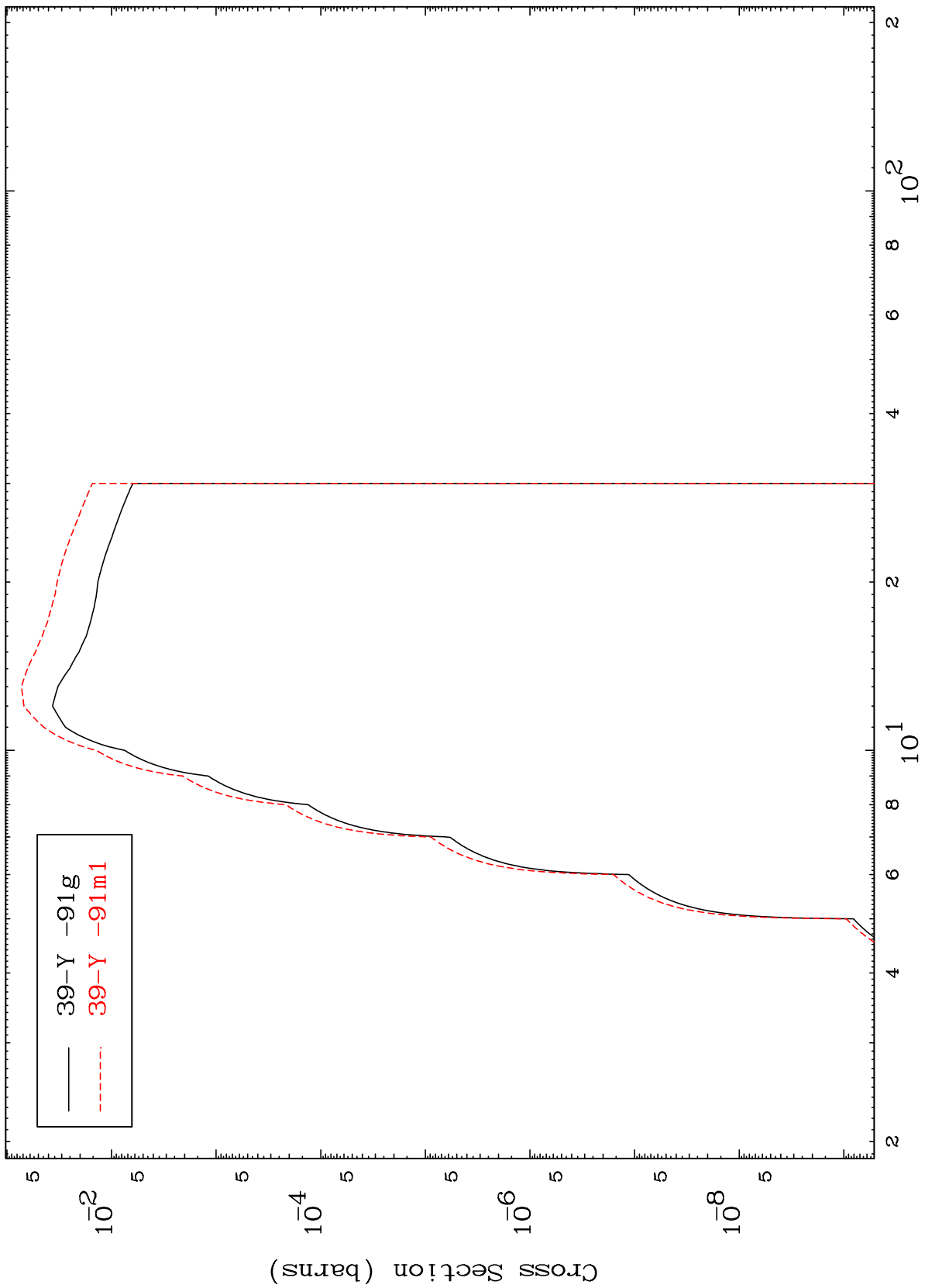
0 Kelvin Cross Sections



MAT 3734

37-Rb-88

Inelastic Radionuclide Production Cross Section



37-Rb-88

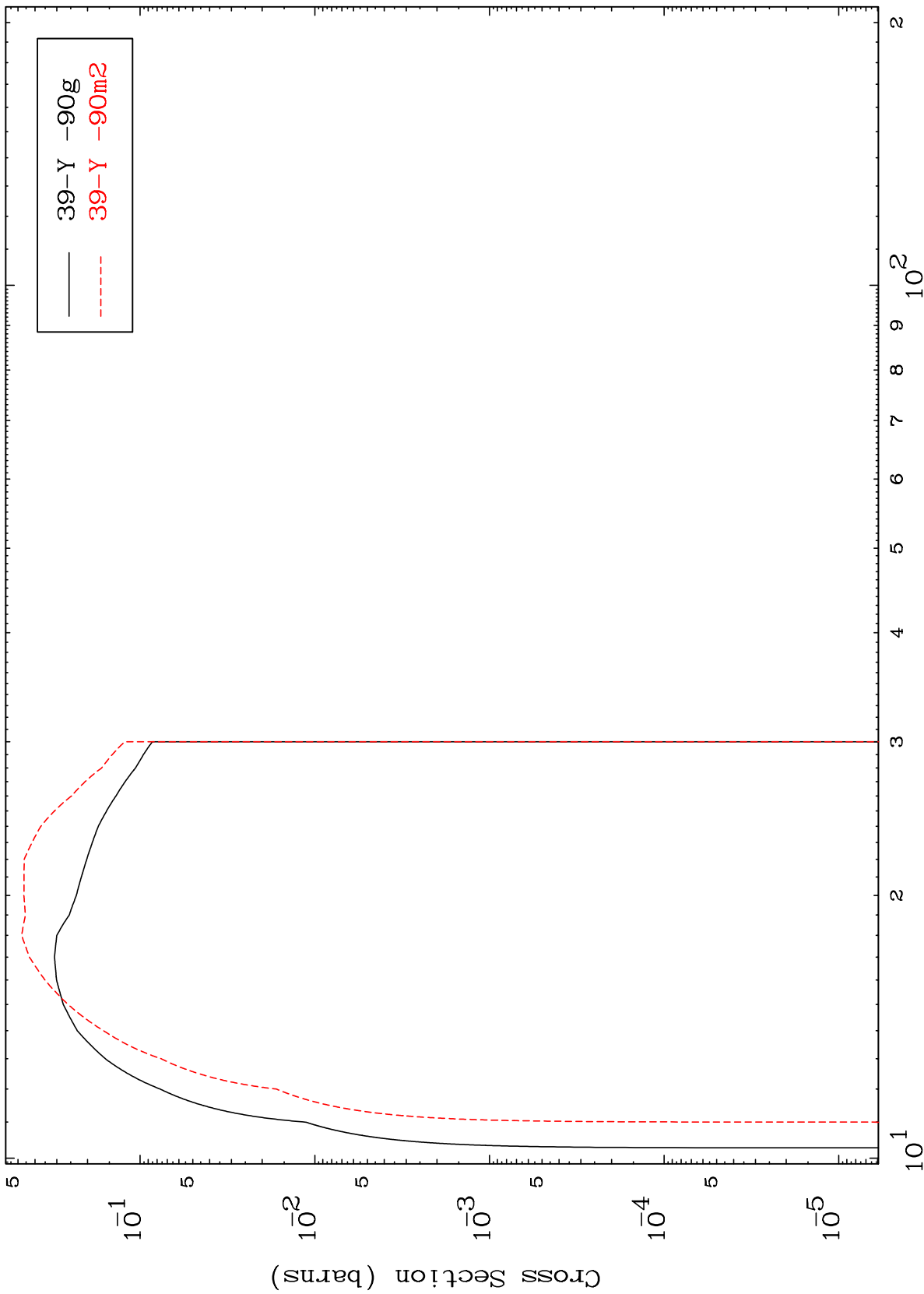
Incident Energy (MeV)

12

MAT 3734

37-Rb-88

(n,2n)
Radionuclide Production Cross Section

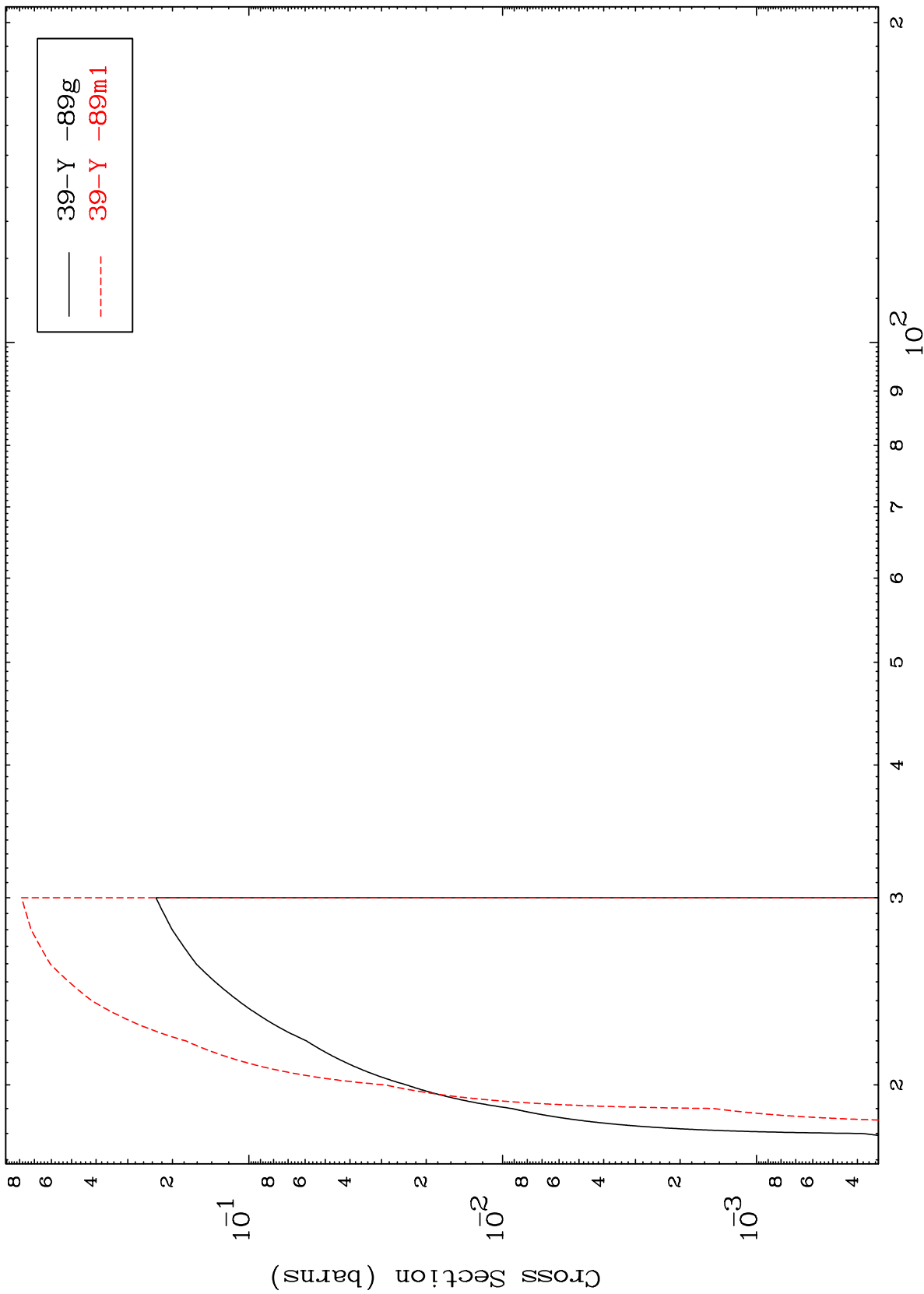


37-Rb-88

Incident Energy (MeV)

13

(n,3n)
Radionuclide Production Cross Section



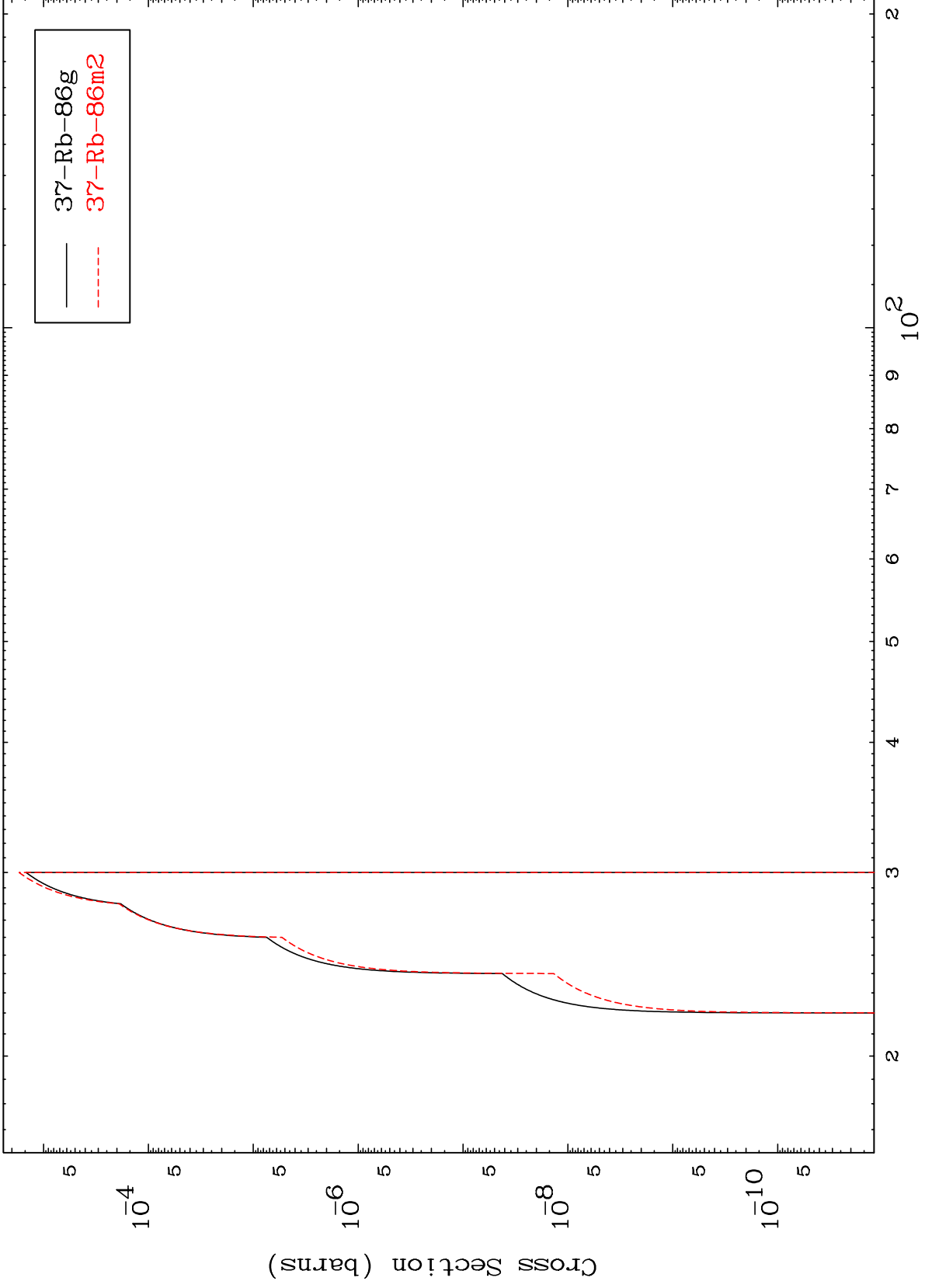
39-Y -89g
39-Y -89m1

MAT 3734

$(n,2n) \alpha$

37-Rb-88

Radionuclide Production Cross Section



15

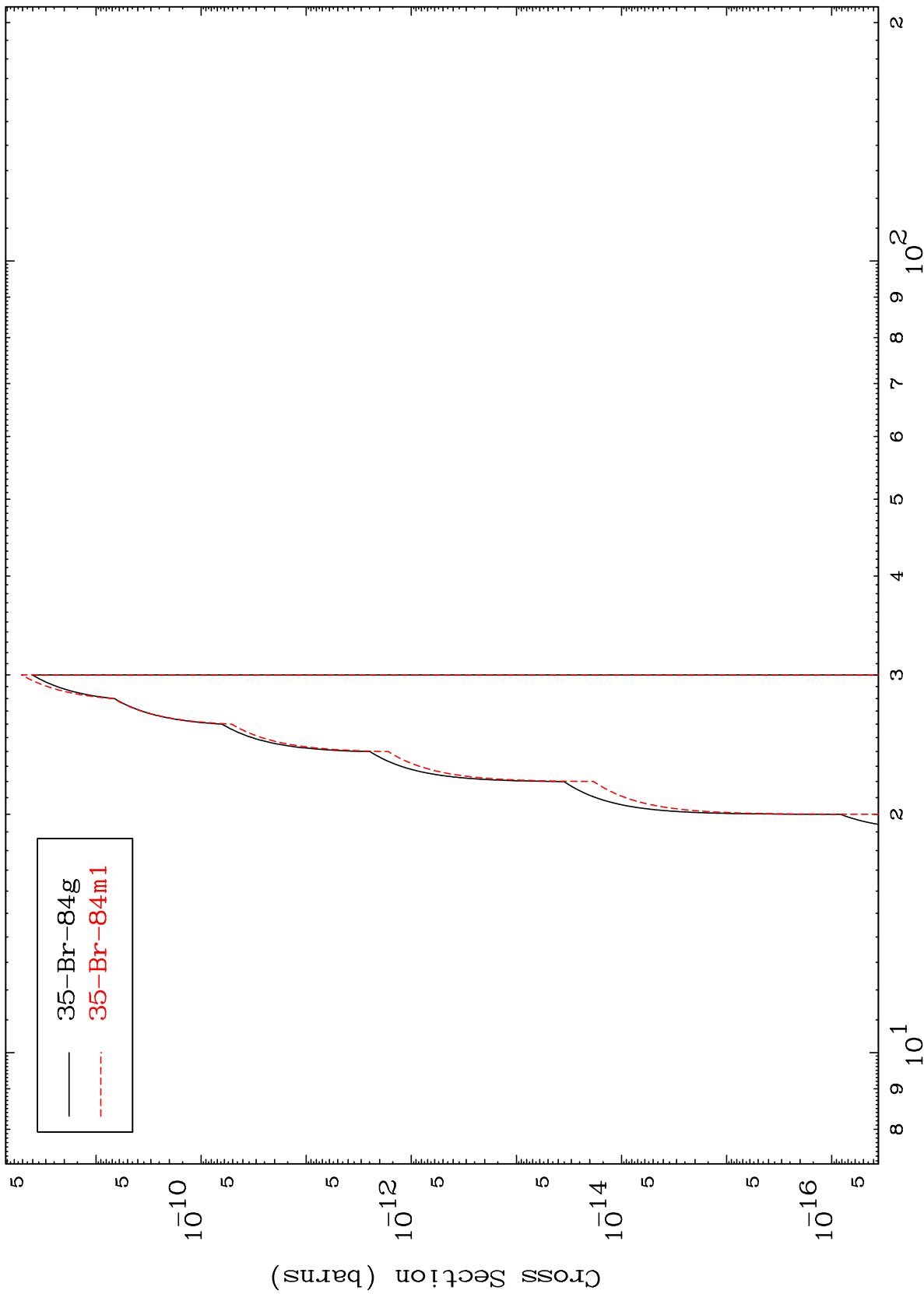
Incident Energy (MeV)

37-Rb-88

MAT 3734

37-Rb-88

Radionuclide Production Cross Section
(n,2α)



16

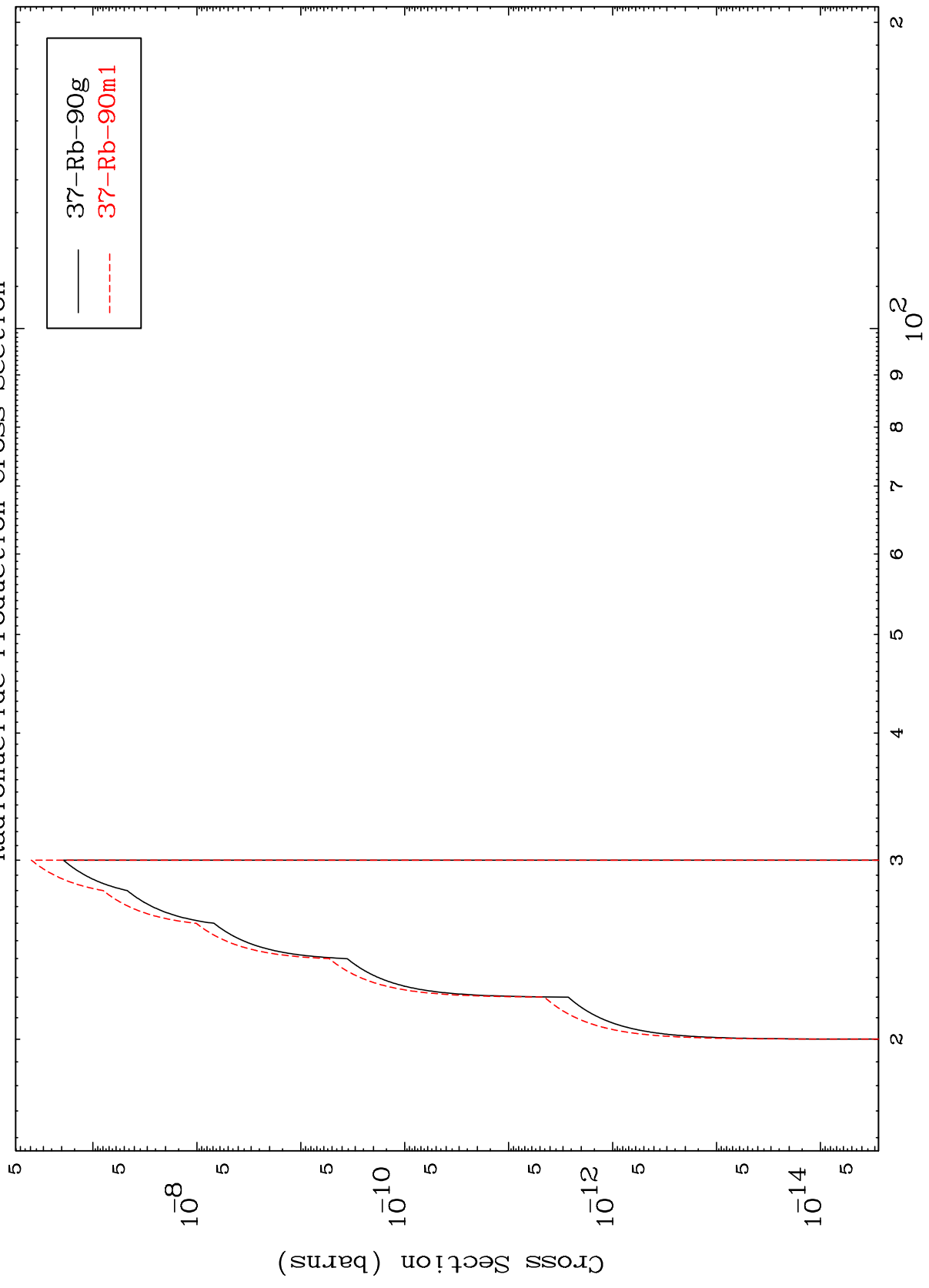
Incident Energy (MeV)

37-Rb-88

MAT 3734

37-Rb-88

(n,2p)
Radionuclide Production Cross Section



37-Rb-90g
37-Rb-90m1

17

Incident Energy (MeV)

37-Rb-88