

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

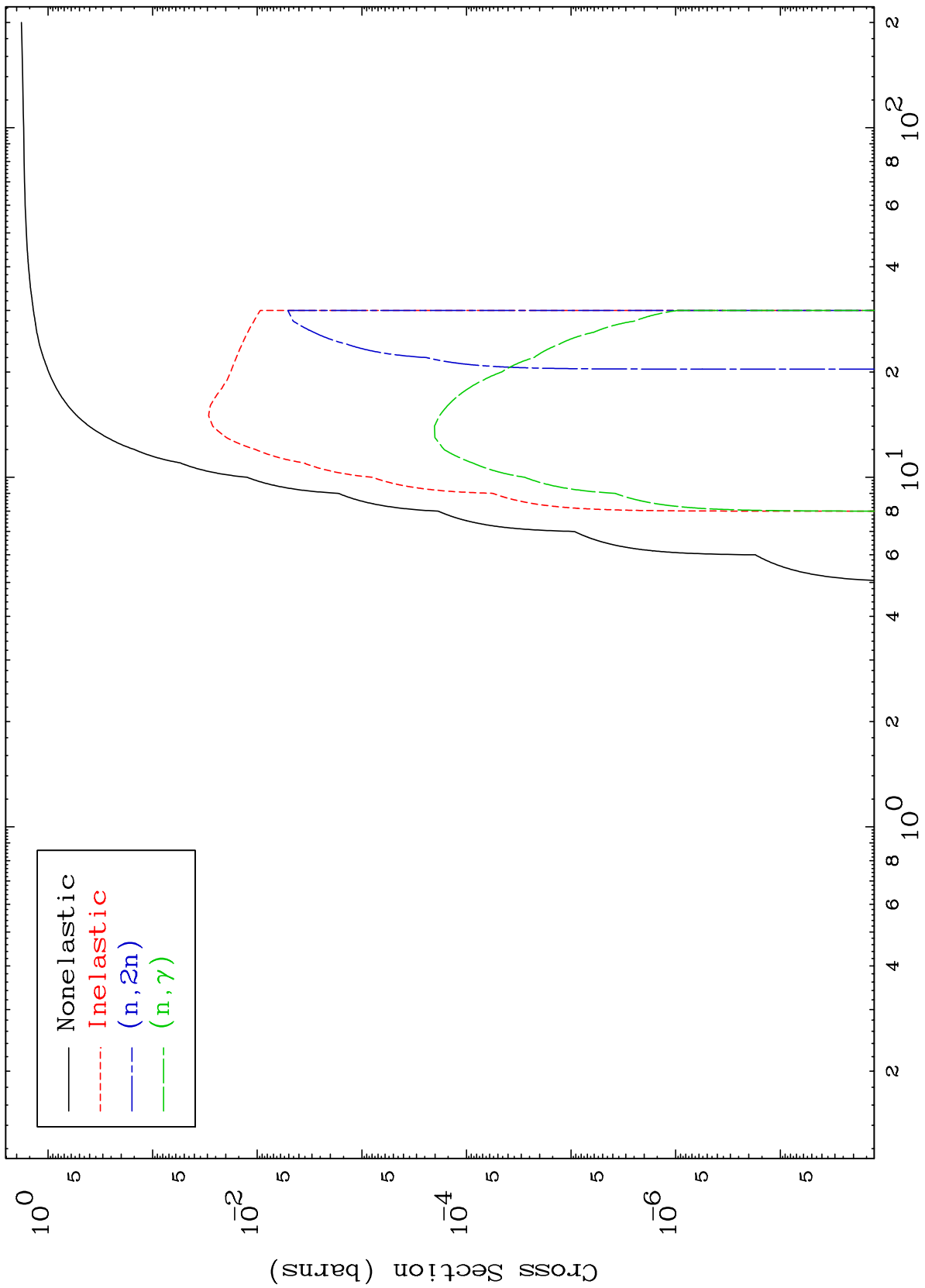
Press Mouse Button to Start

MAT 3705

α Major

37-Rb-78m

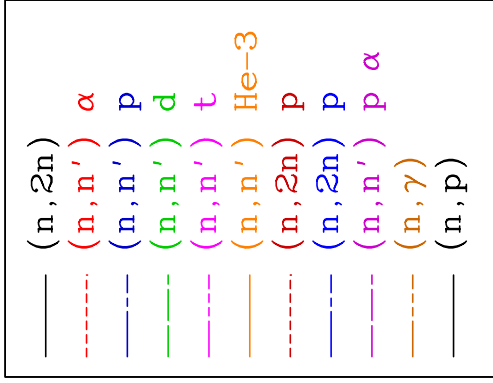
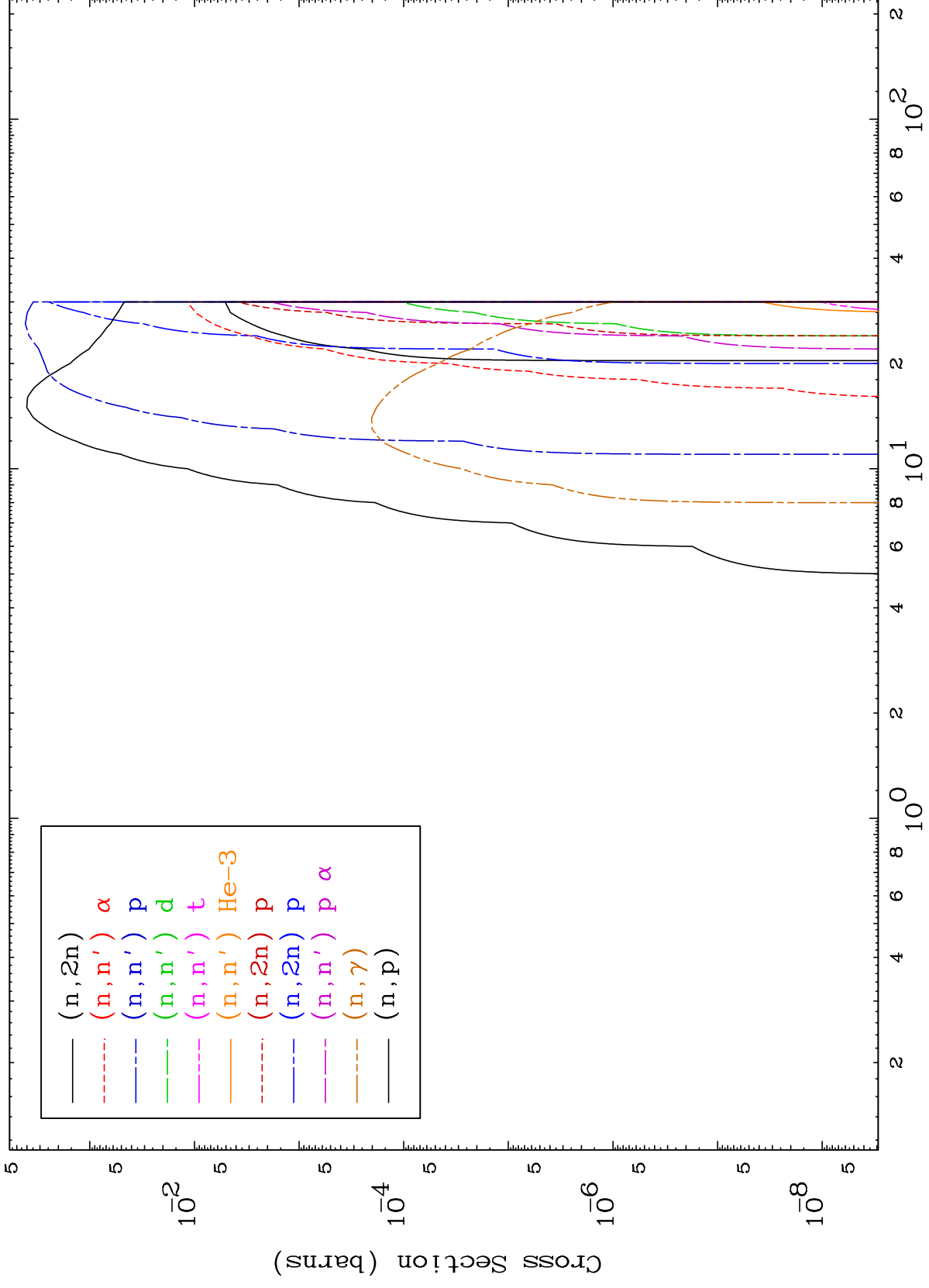
0 Kelvin Cross Sections



MAT 3705

α Neutron Absorption
0 Kelvin Cross Sections

37-Rb-78m

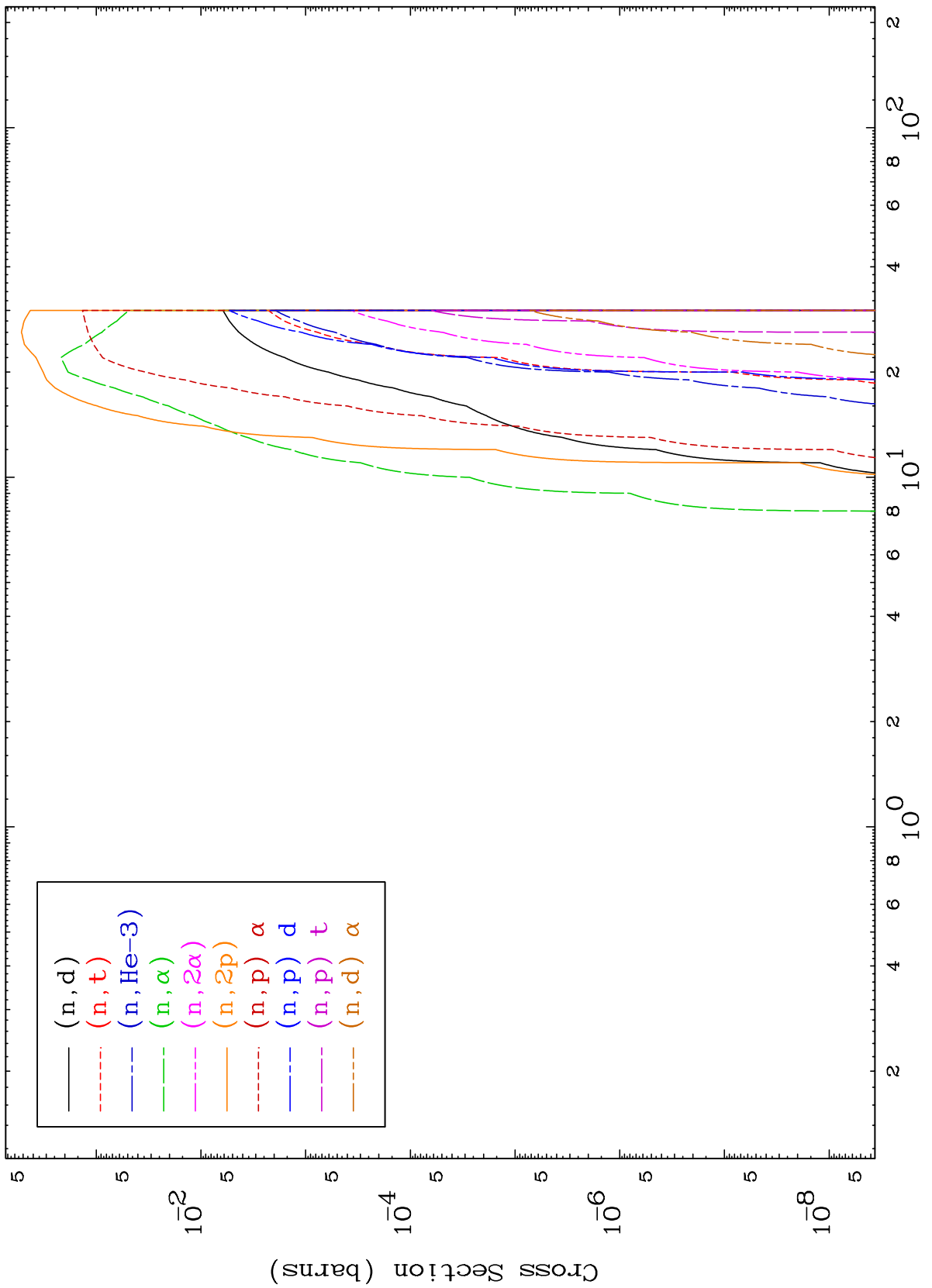


MAT 3705

α Neutron Absorption

37-Rb-78m

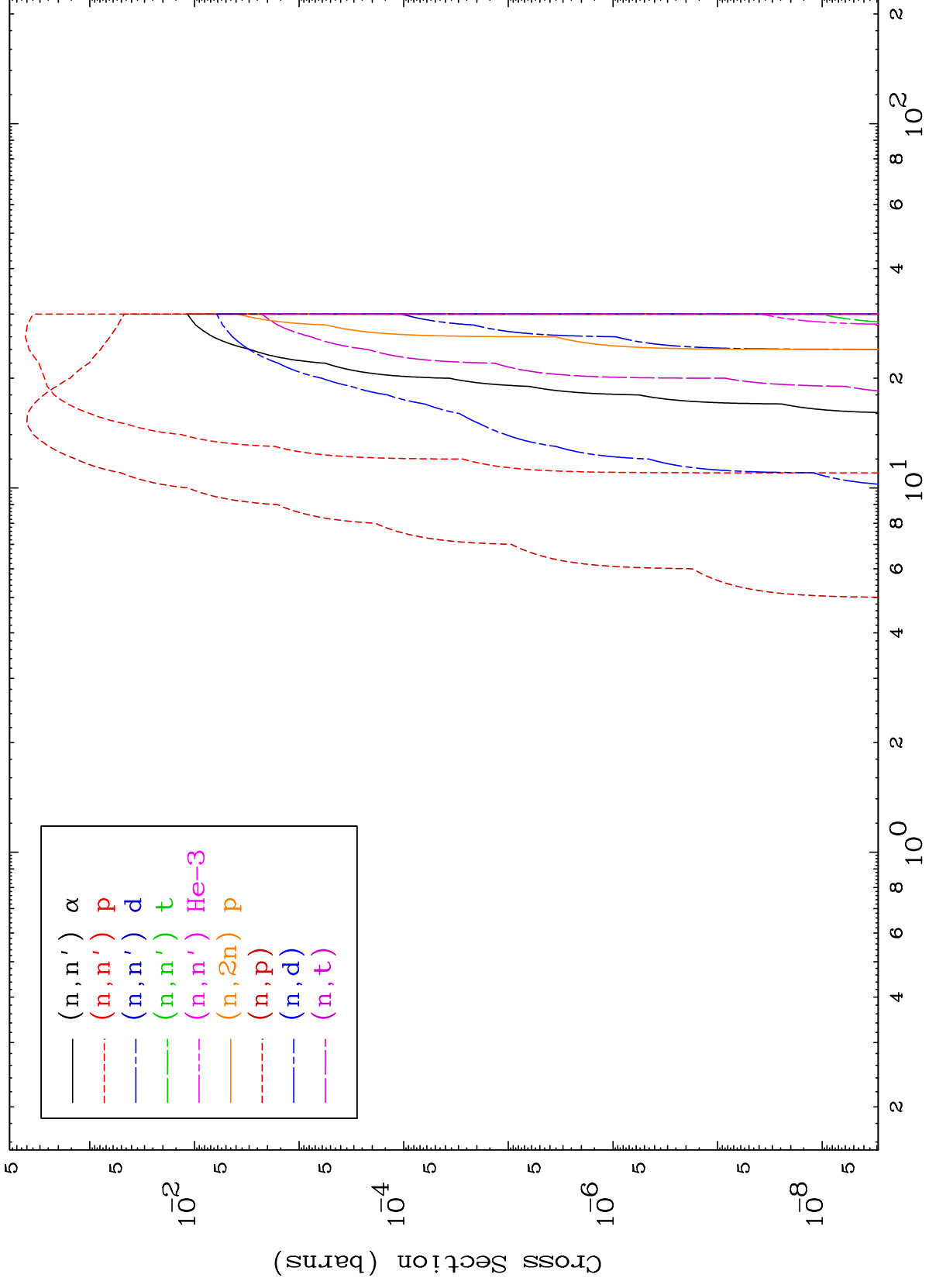
0 Kelvin Cross Sections



MAT 3705

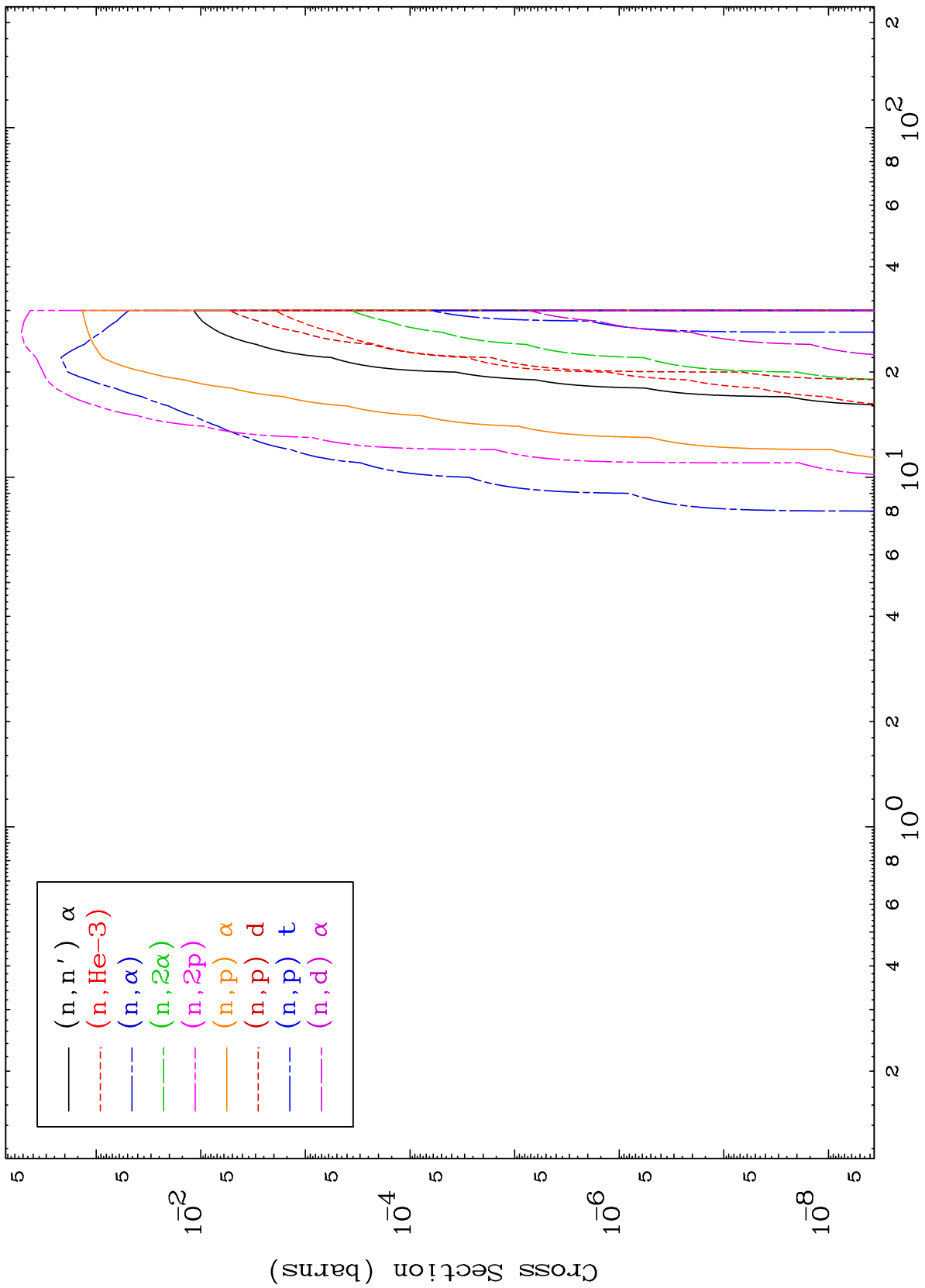
α Charged Particle
0 Kelvin Cross Sections

37-Rb-78m



Incident Energy (MeV)

37-Rb-78m

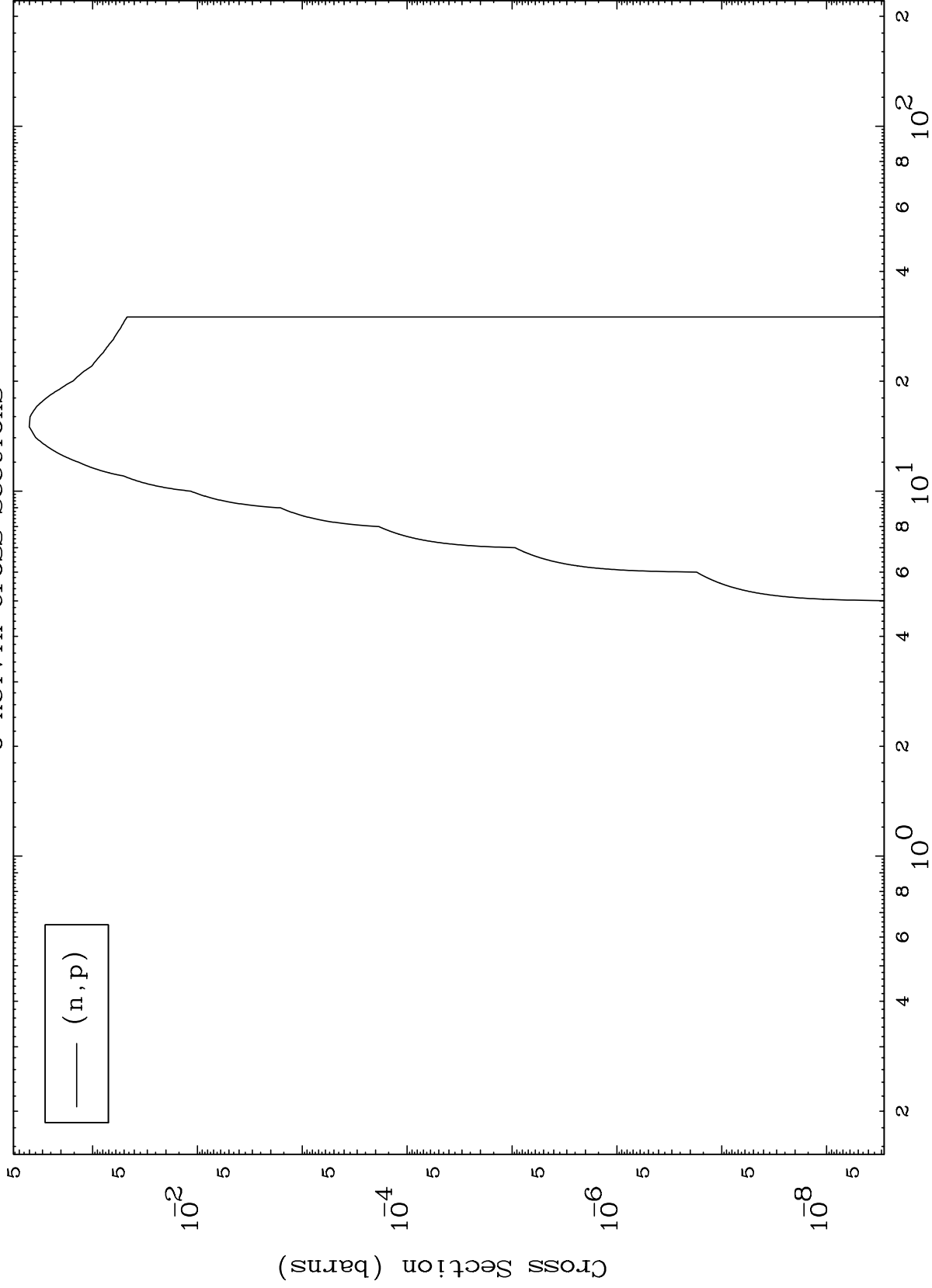


MAT 3705

(α, p) Levels

37-Rb-78m

0 Kelvin Cross Sections



6

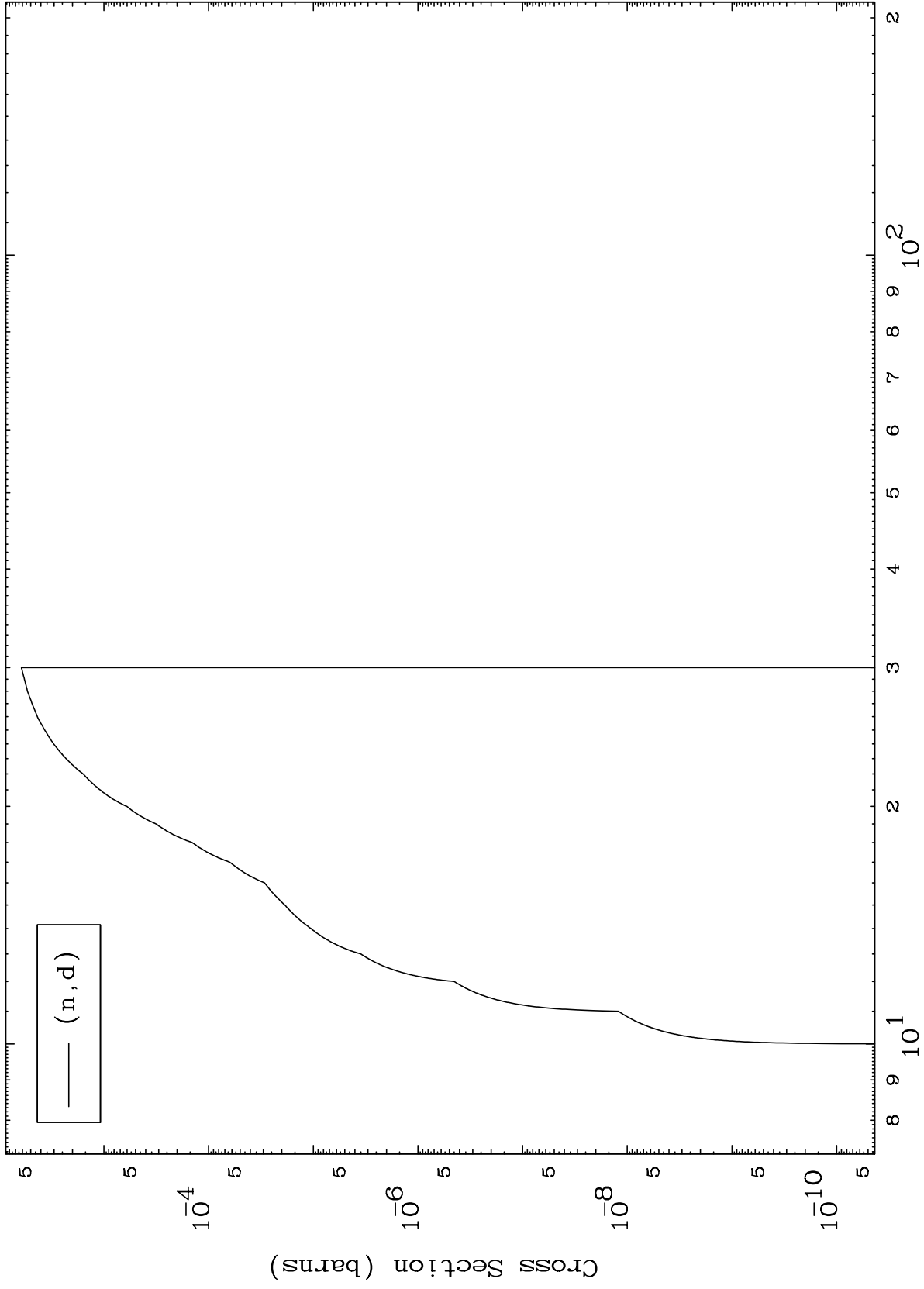
Incident Energy (MeV)

37-Rb-78m

MAT 3705

(α, d) Levels
0 Kelvin Cross Sections

37-Rb-78m



7

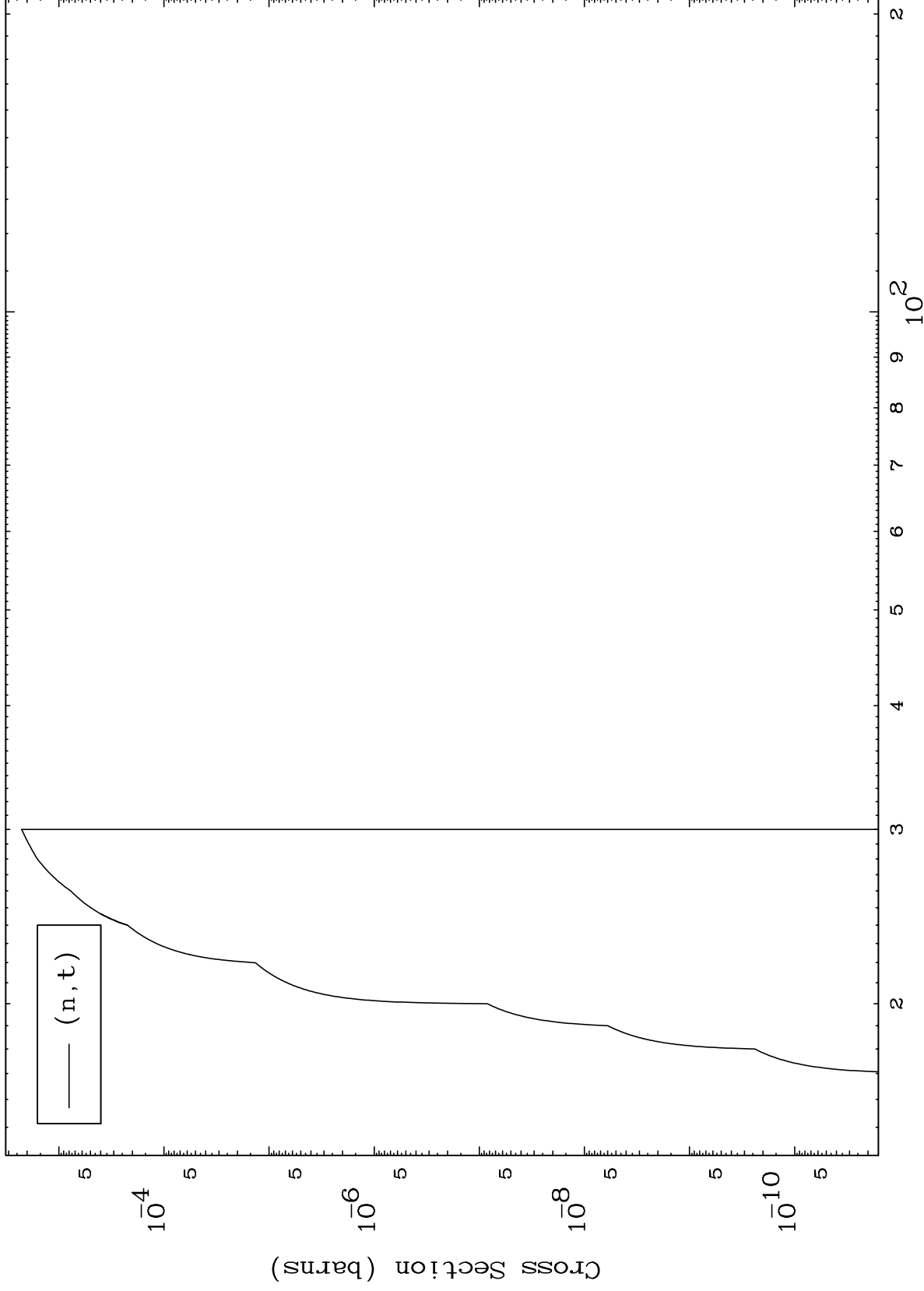
Incident Energy (MeV)

37-Rb-78m

MAT 3705

(α, t) Levels
0 Kelvin Cross Sections

37-Rb-78m



8

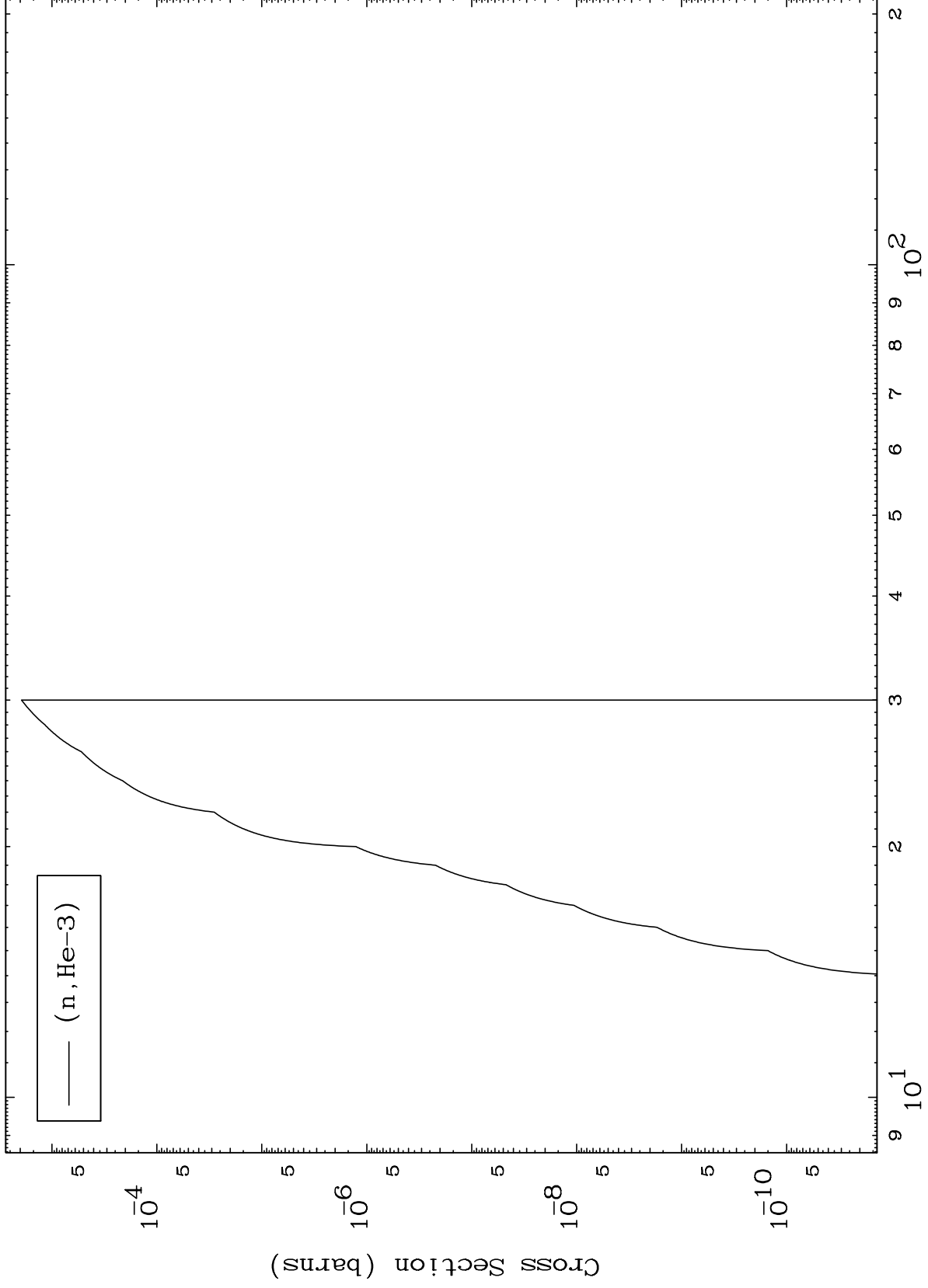
Incident Energy (MeV)

37-Rb-78m

MAT 3705

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

37-Rb-78m



9

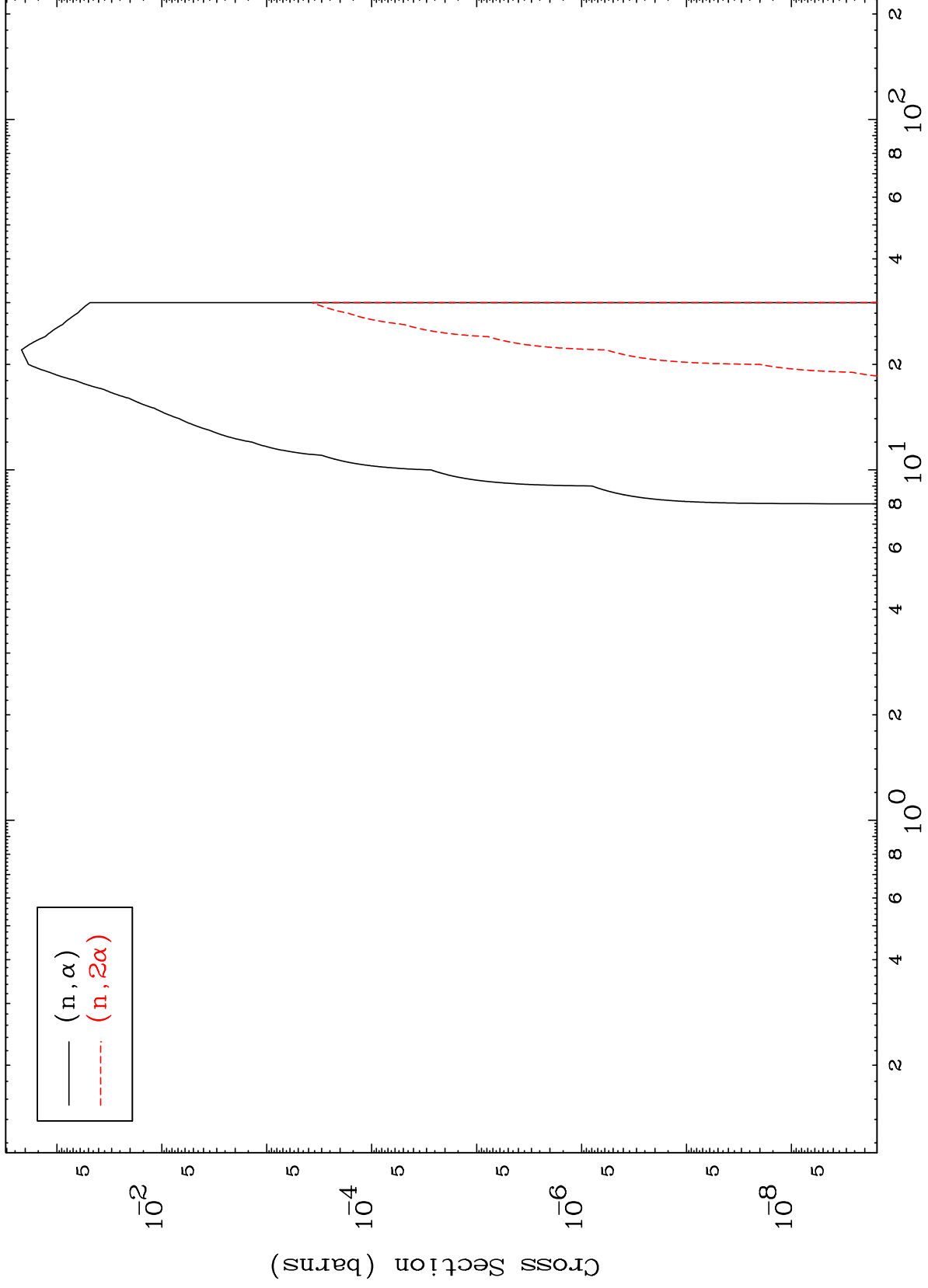
Incident Energy (MeV)

37-Rb-78m

MAT 3705

(α, α) Levels
0 Kelvin Cross Sections

37-Rb-78m



10

Incident Energy (MeV)

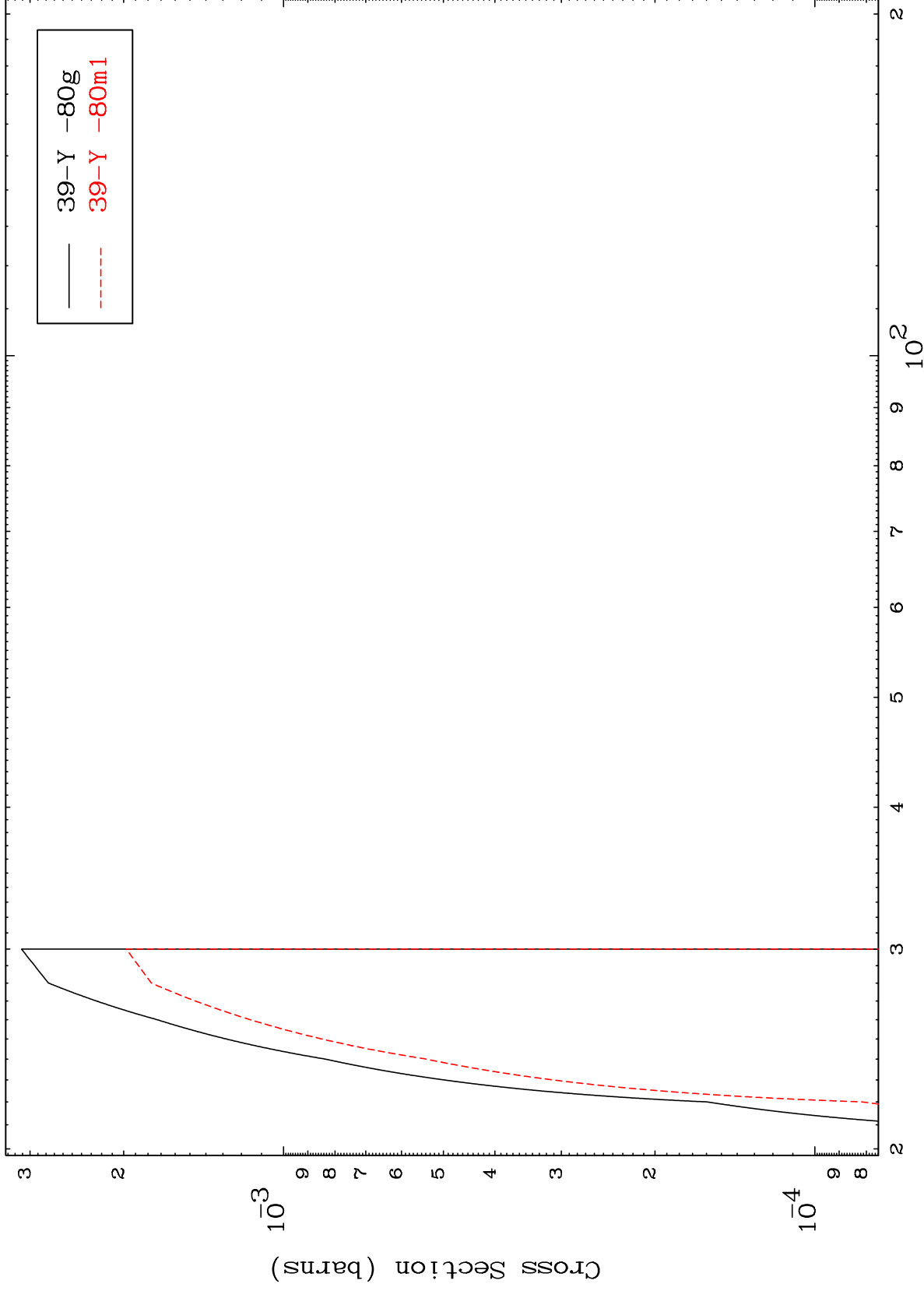
37-Rb-78m

MAT 3705

(n,2n)

37-Rb-78m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

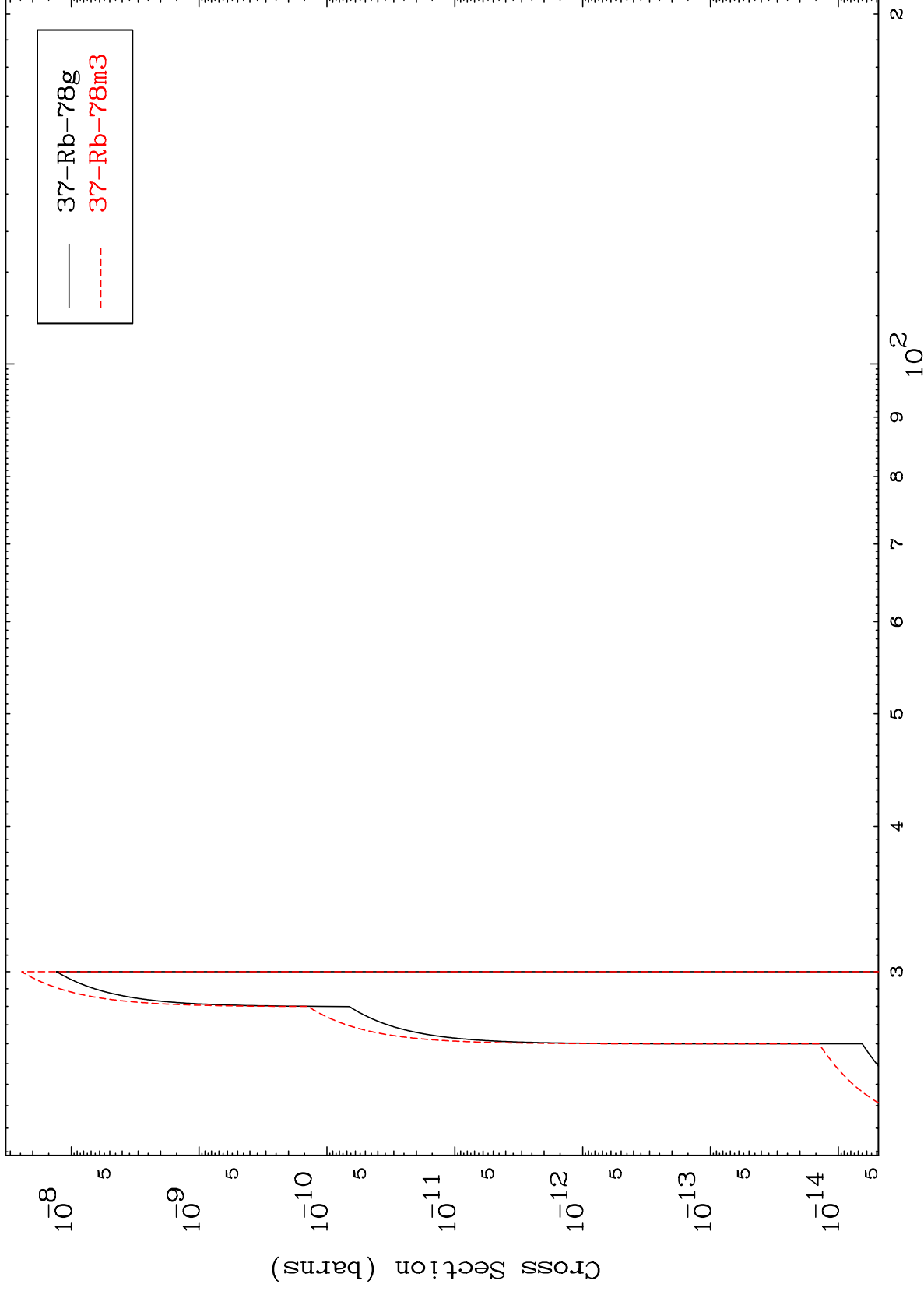
37-Rb-78m

MAT 3705

(n,n') He-3

37-Rb-78m

Radionuclide Production Cross Section



12

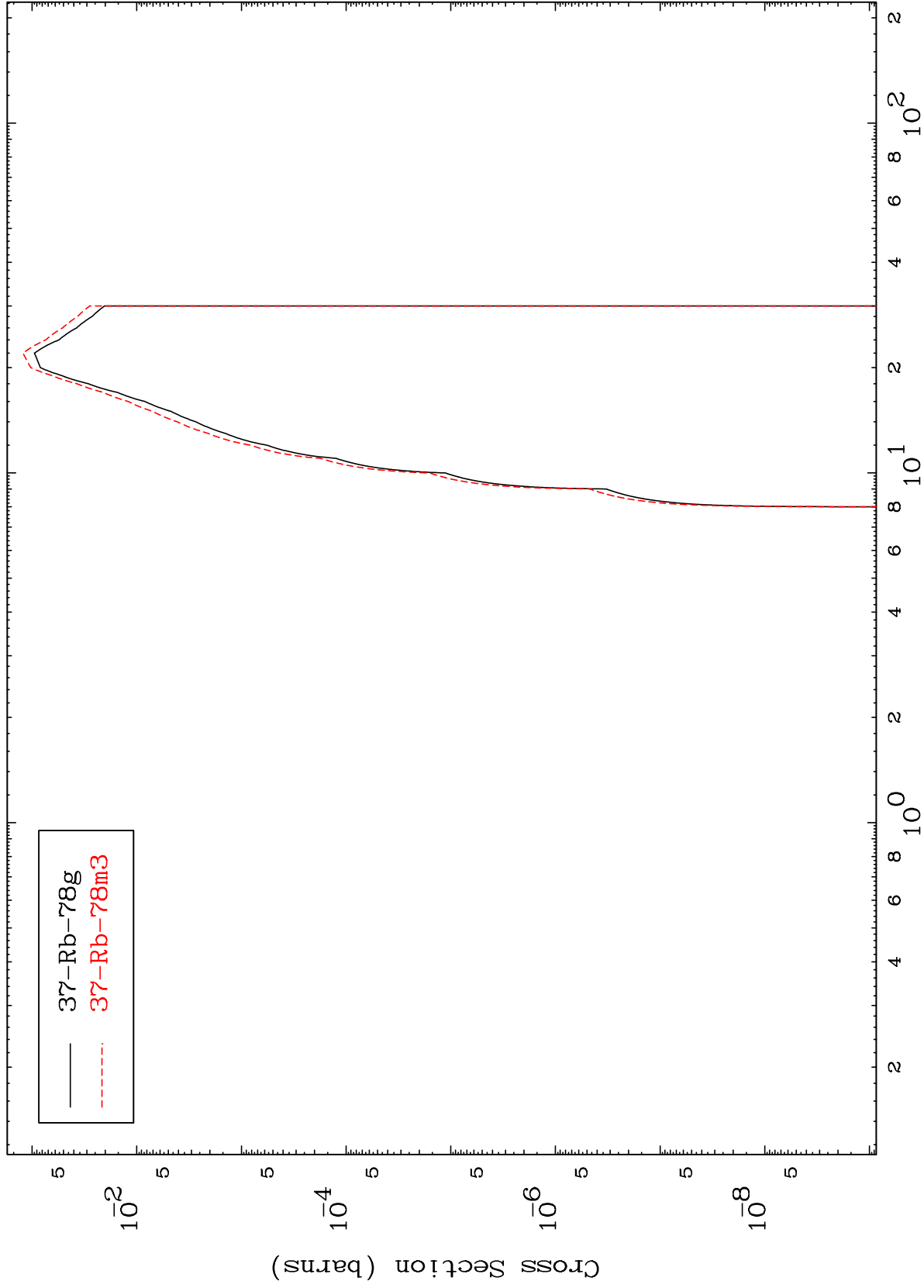
Incident Energy (MeV)

37-Rb-78m

MAT 3705

$^{37}\text{Rb-78m}$

Radionuclide Production Cross Section
(n, α)



13

$^{37}\text{Rb-78m}$

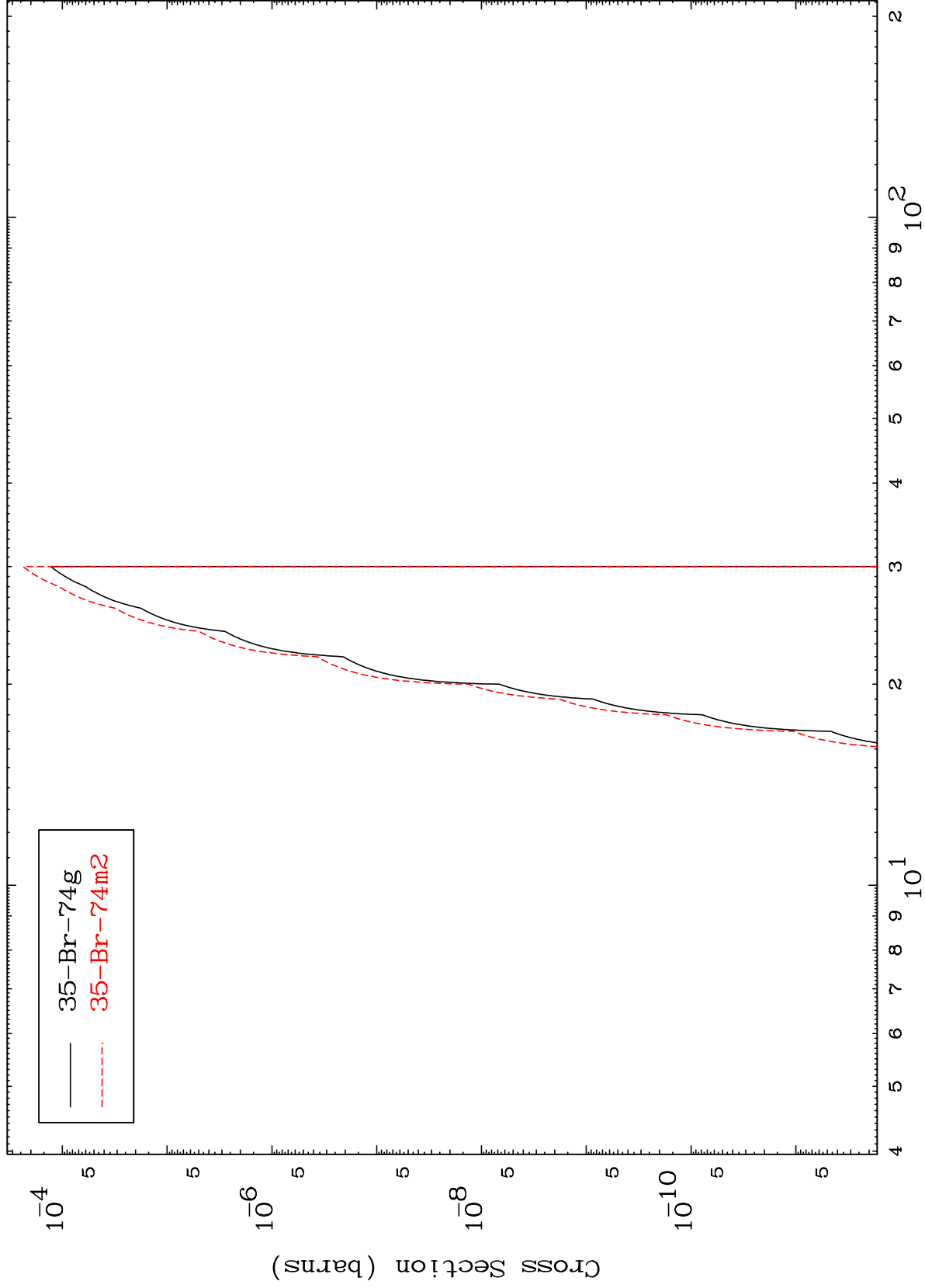
Incident Energy (MeV)

MAT 3705

$(n, 2\alpha)$

37-Rb-78m

Radionuclide Production Cross Section



Incident Energy (MeV)

37-Rb-78m

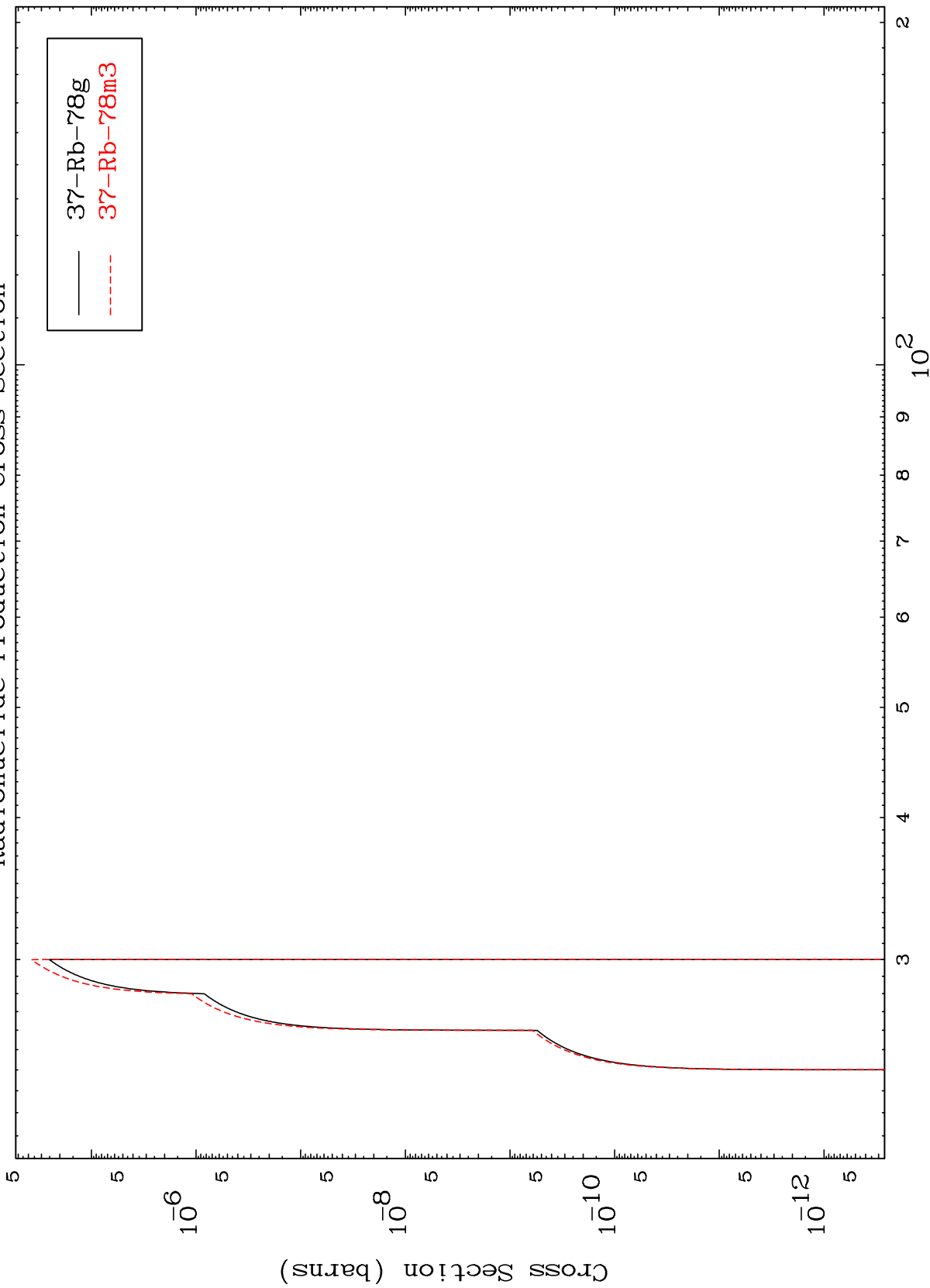
14

MAT 3705

(n,p) t

37-Rb-78m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

37-Rb-78m