

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

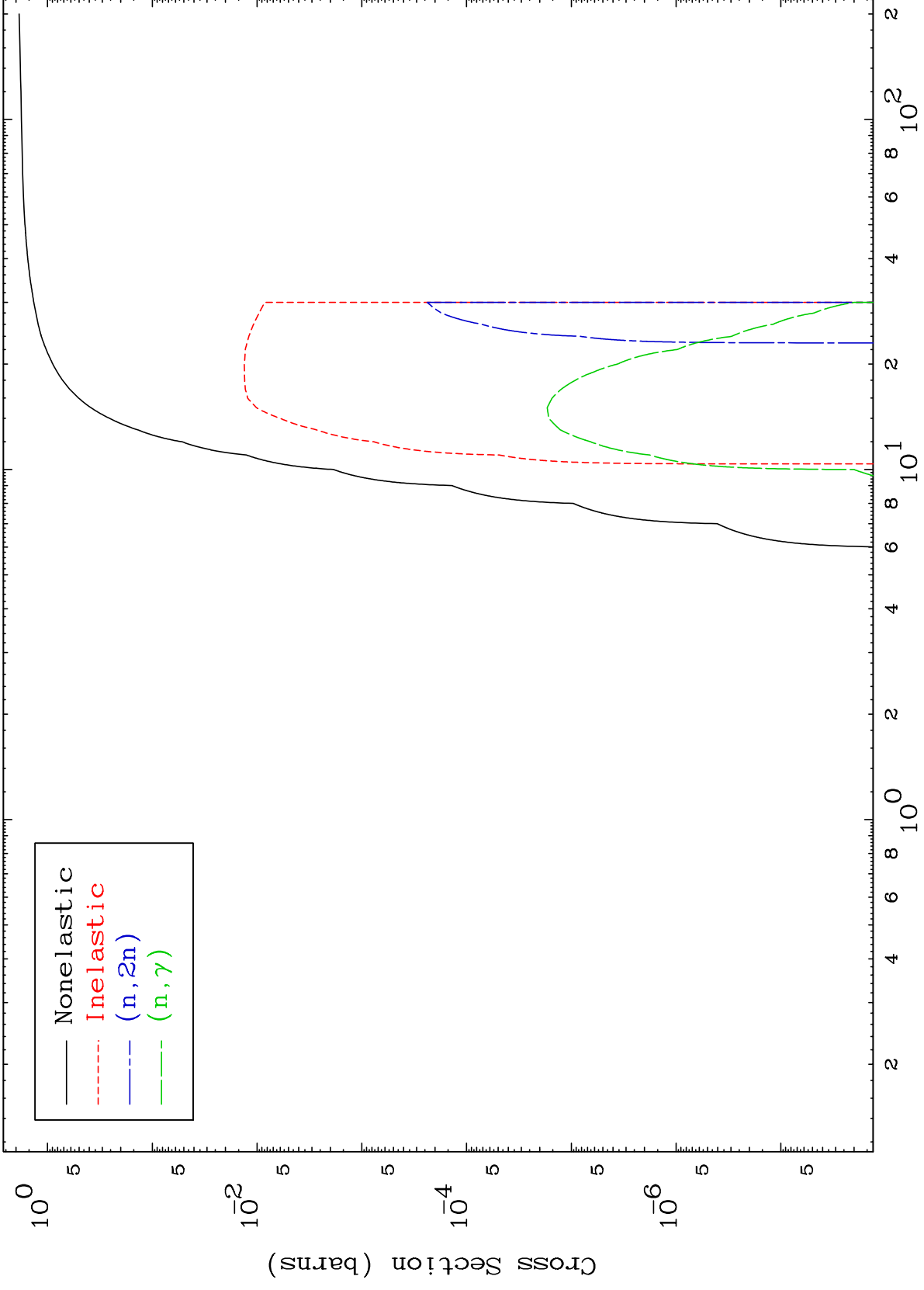
Press Mouse Button to Start

MAT 4102

α Major

41-Nb-85m

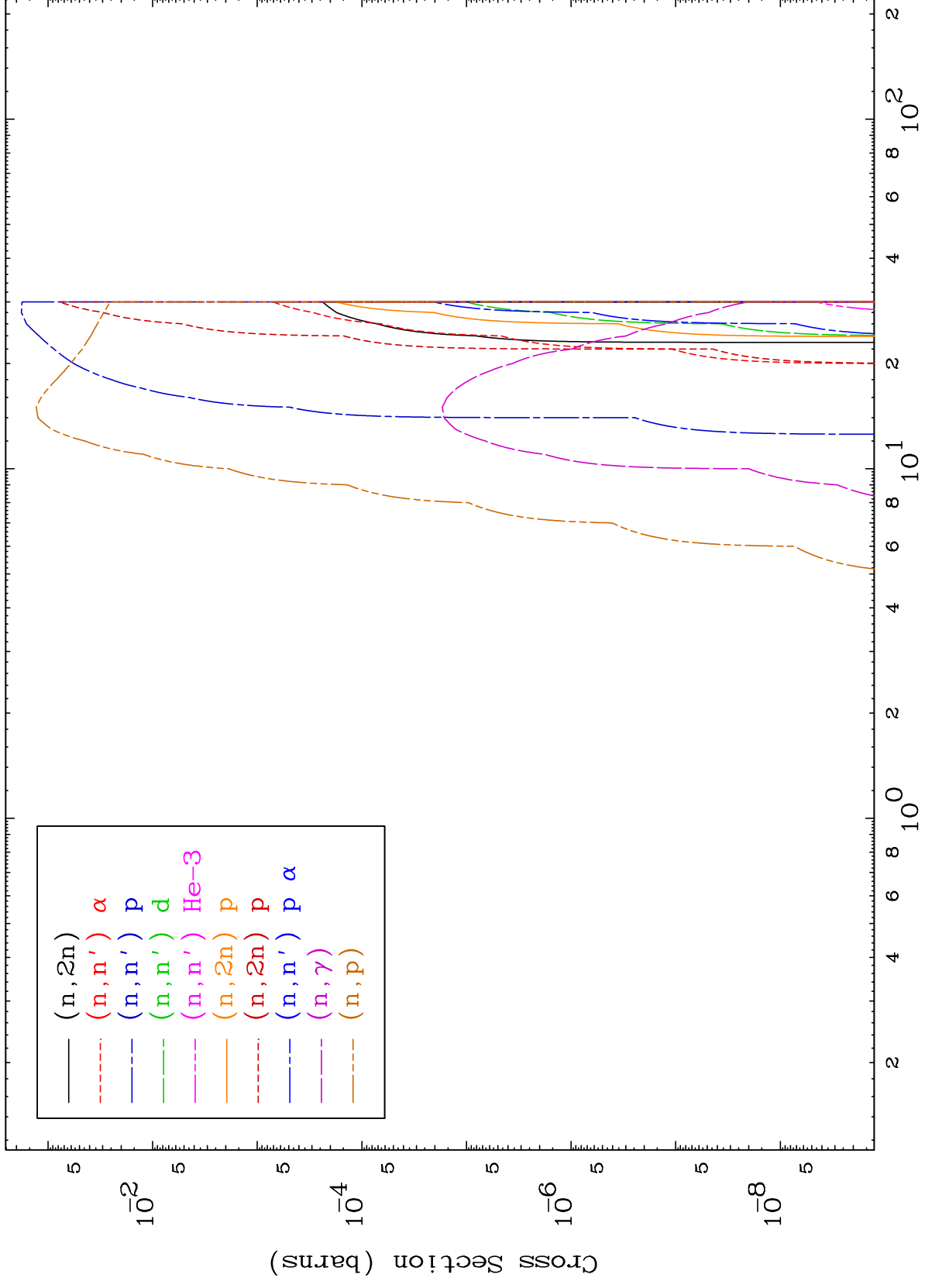
0 Kelvin Cross Sections



MAT 4102

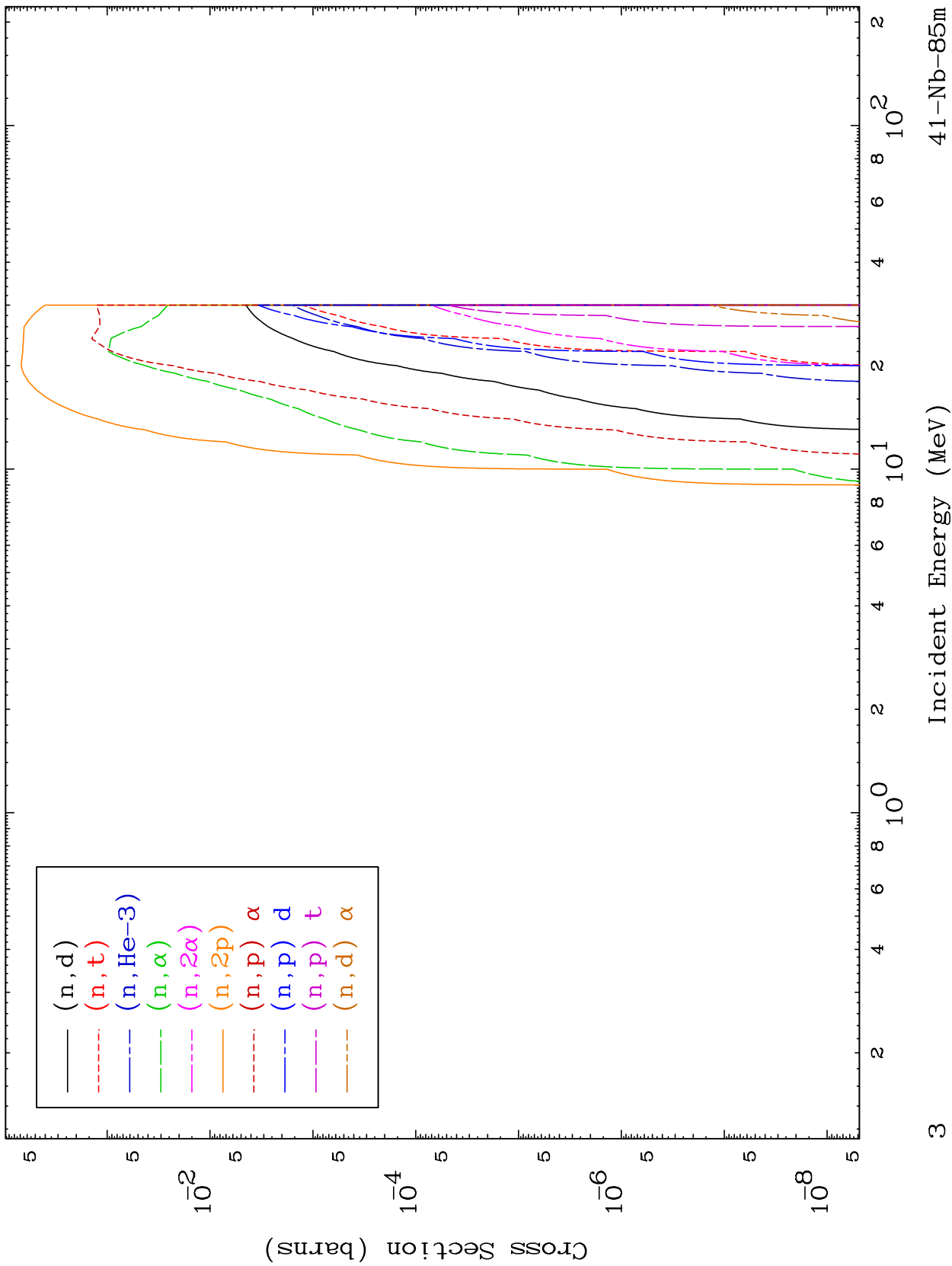
α Neutron Absorption
0 Kelvin Cross Sections

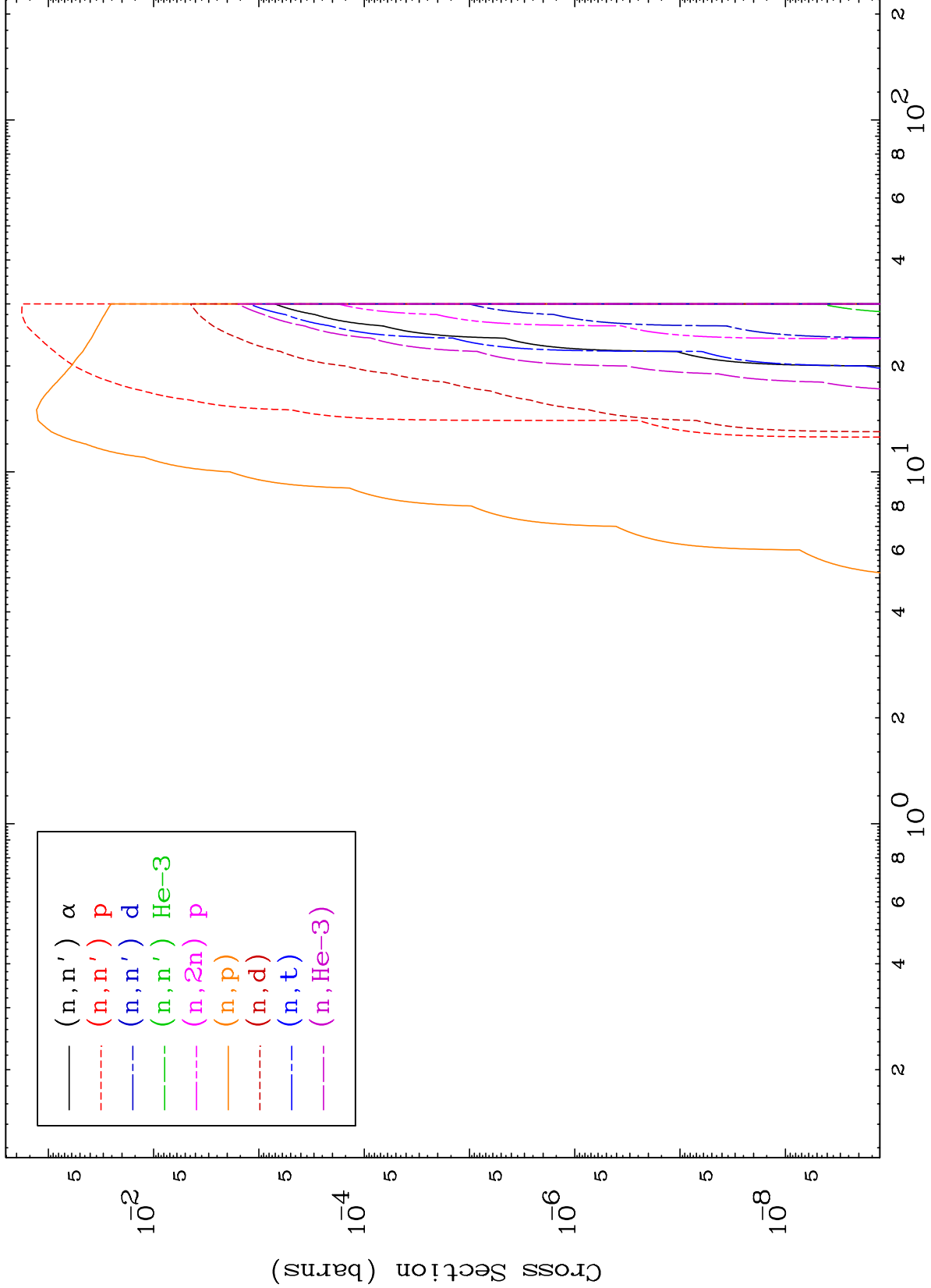
41-Nb-85m

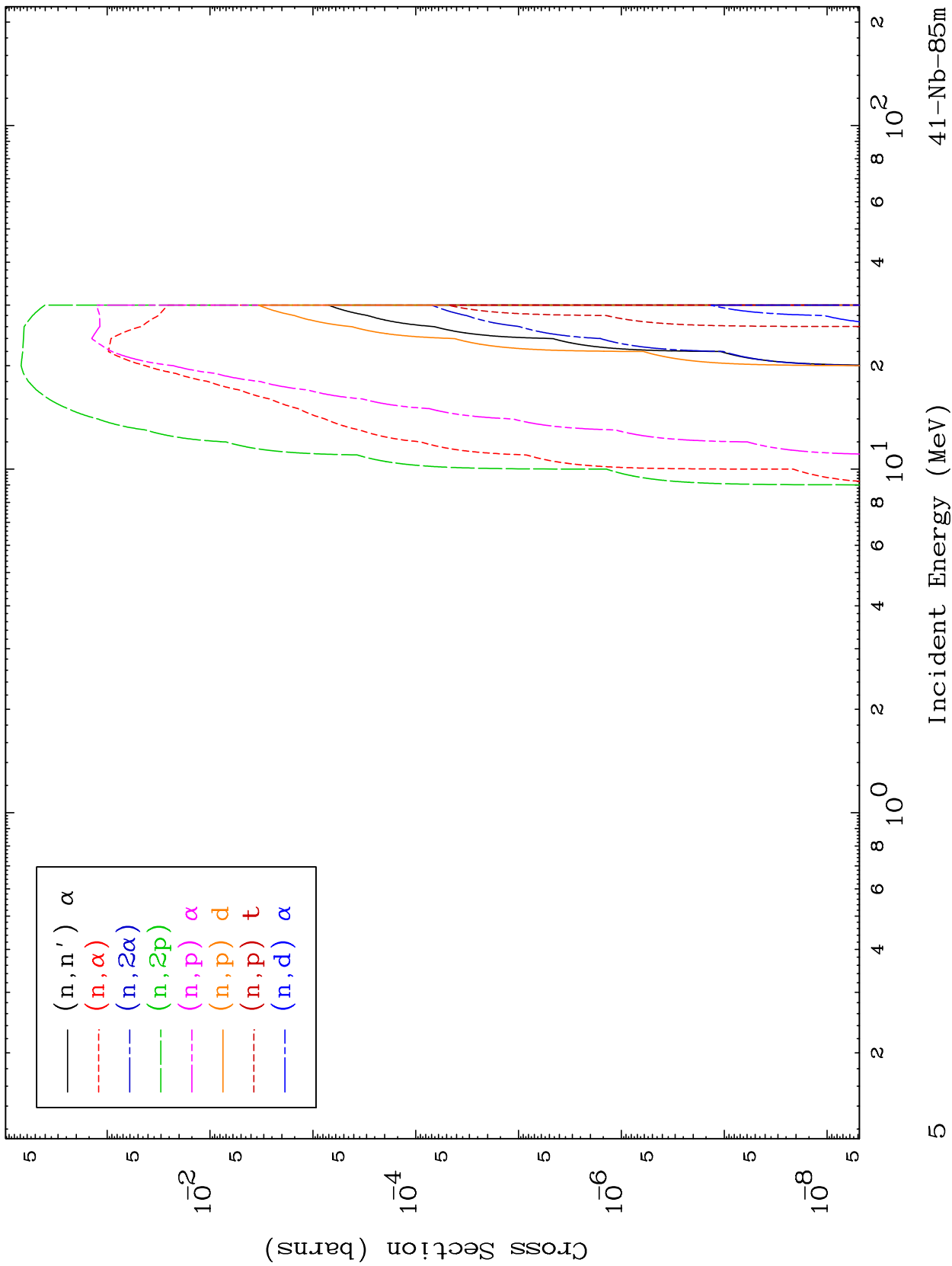


Incident Energy (MeV)

41-Nb-85m





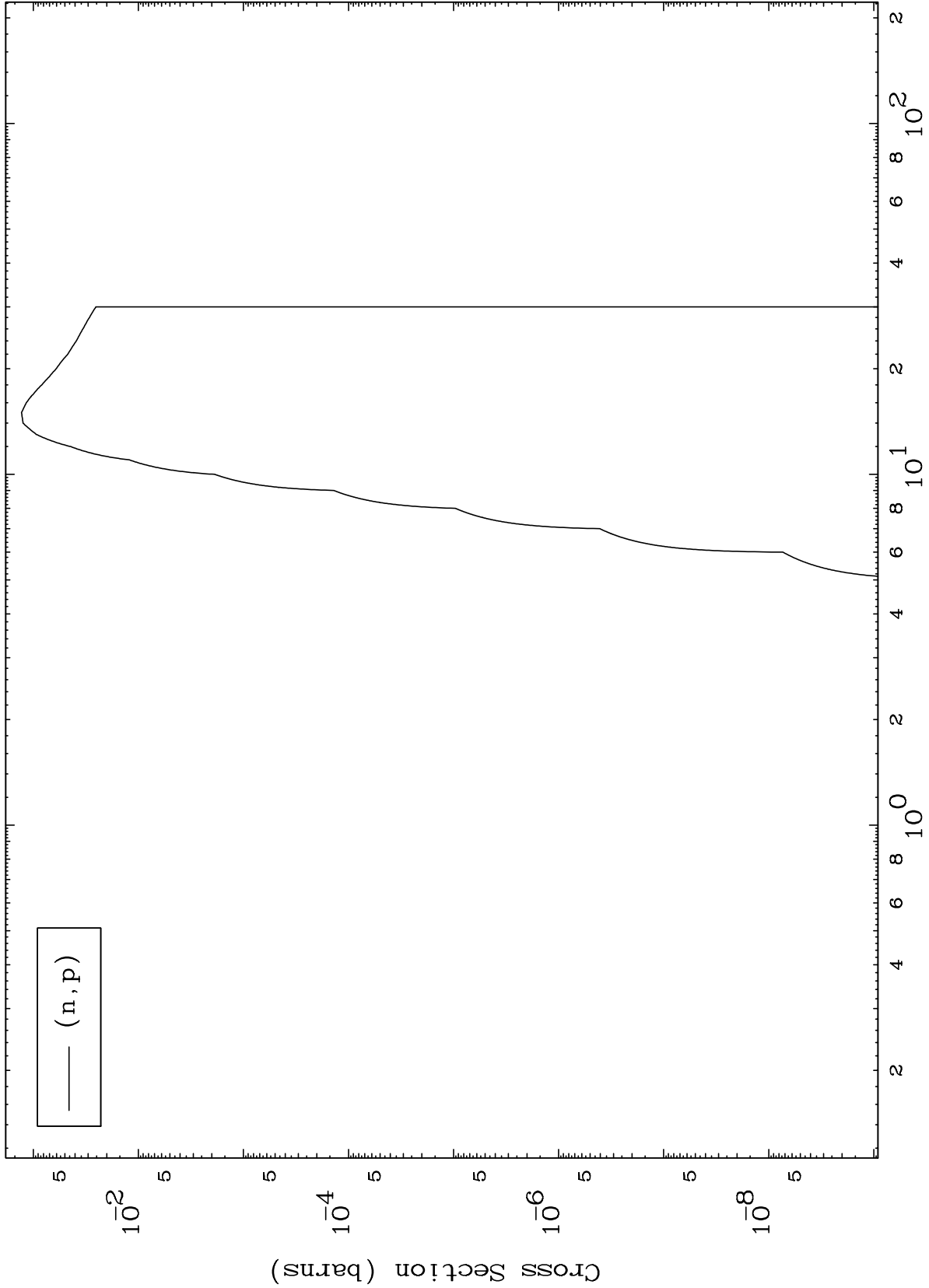


MAT 4102

(α, p) Levels

41-Nb-85m

0 Kelvin Cross Sections

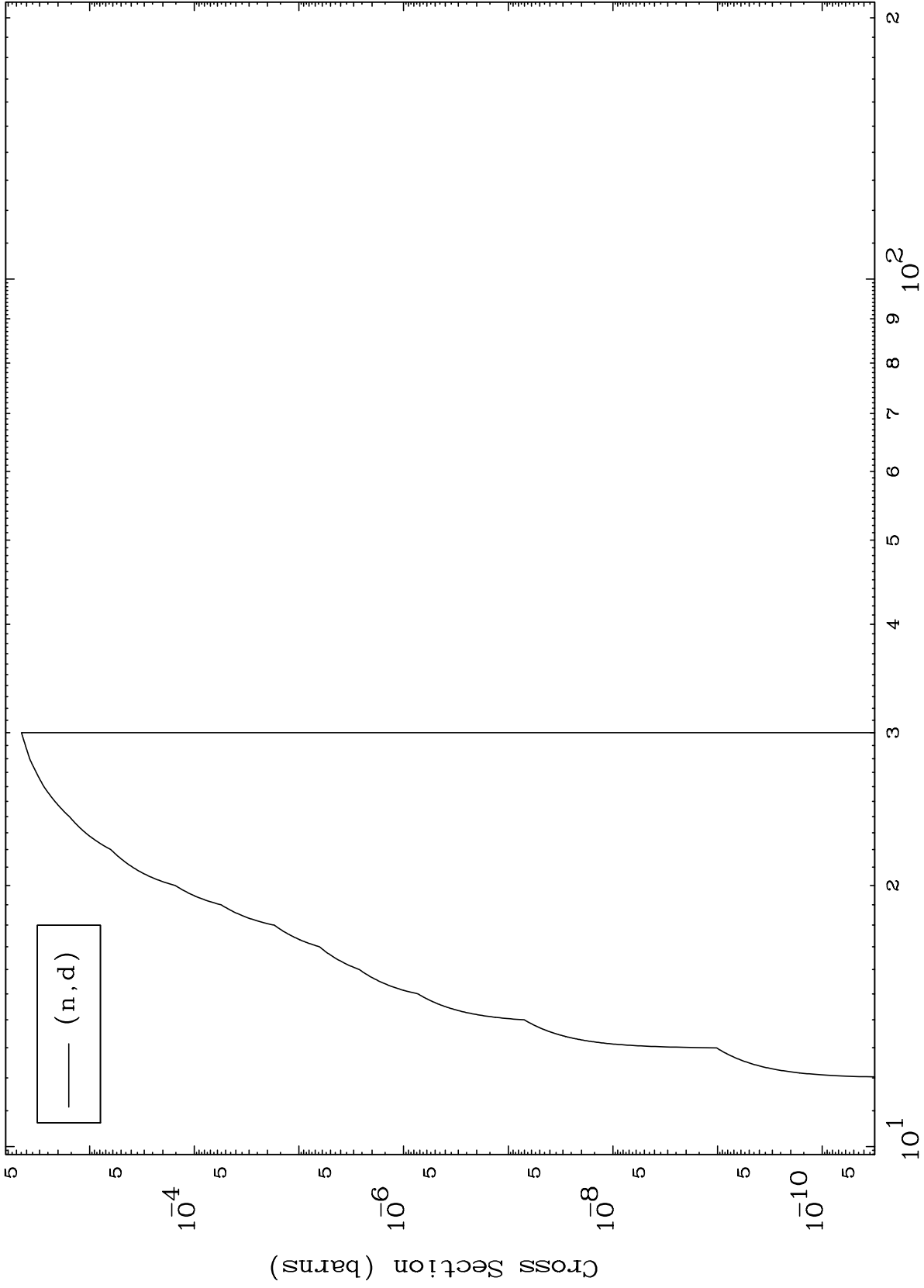


MAT 4102

(α, d) Levels

41-Nb-85m

0 Kelvin Cross Sections



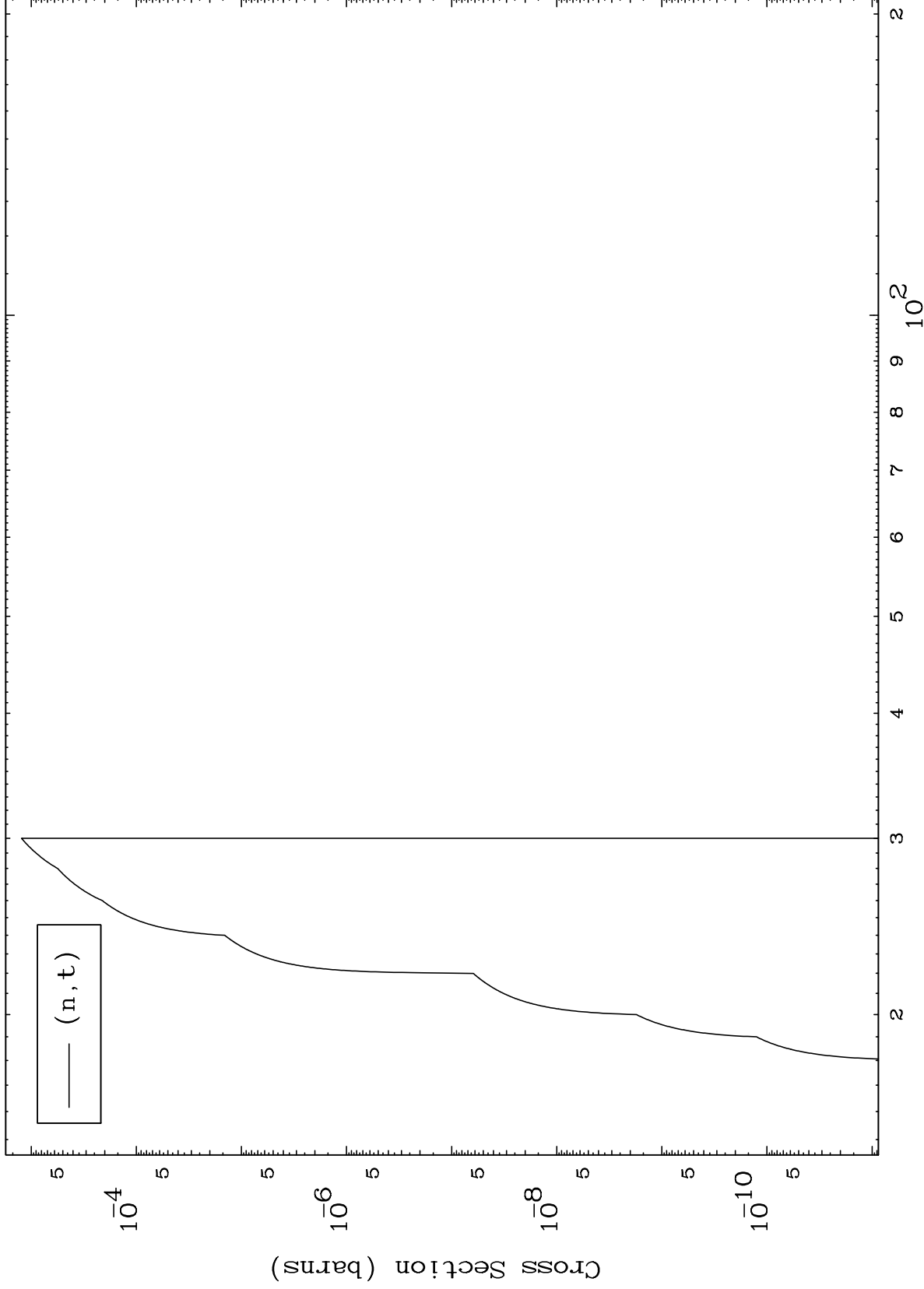
Incident Energy (MeV)

41-Nb-85m

MAT 4102

(α, t) Levels
0 Kelvin Cross Sections

41-Nb-85m



8

Incident Energy (MeV)

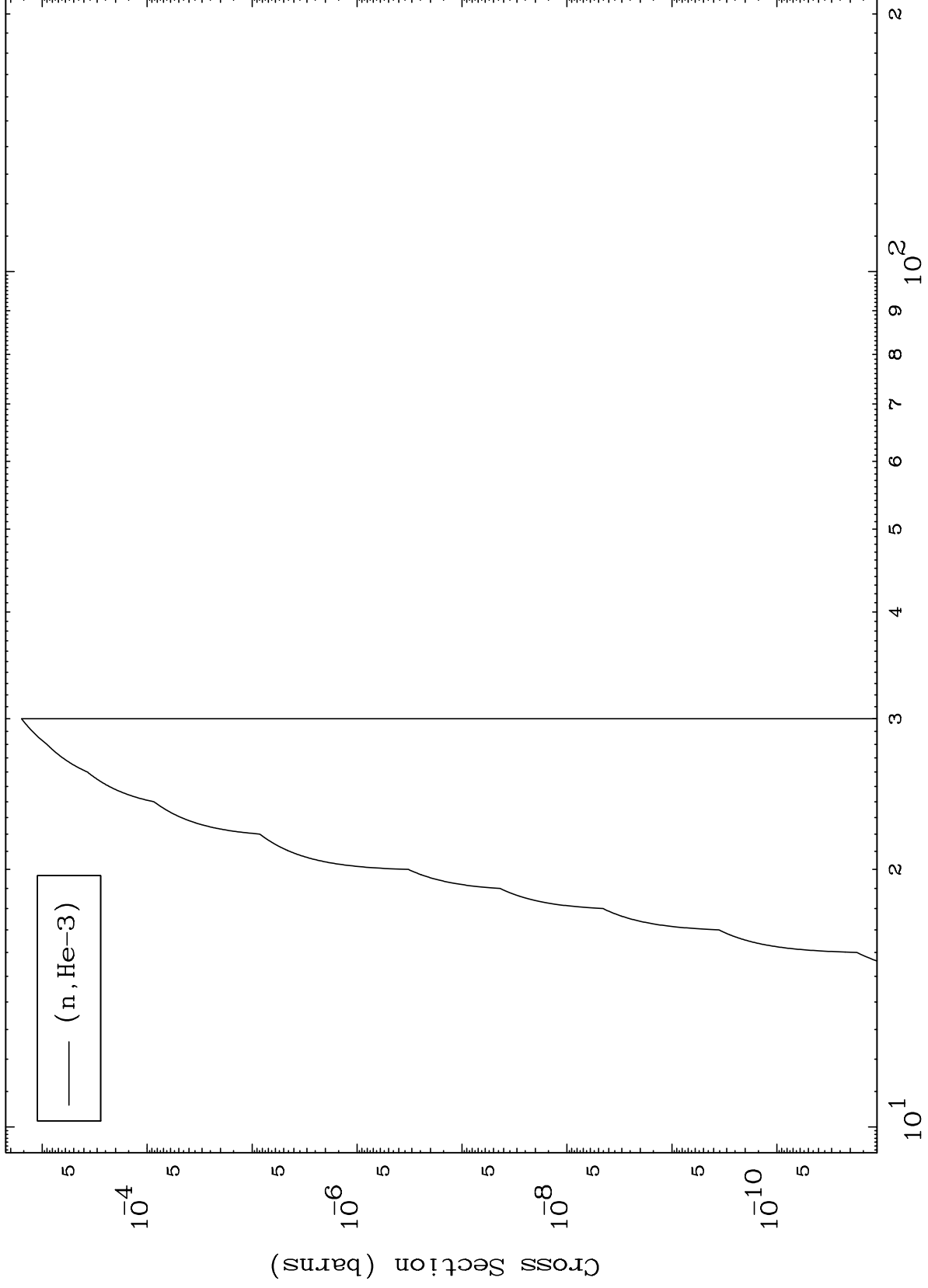
41-Nb-85m

MAT 4102

(α , He3) Levels

41-Nb-85m

0 Kelvin Cross Sections



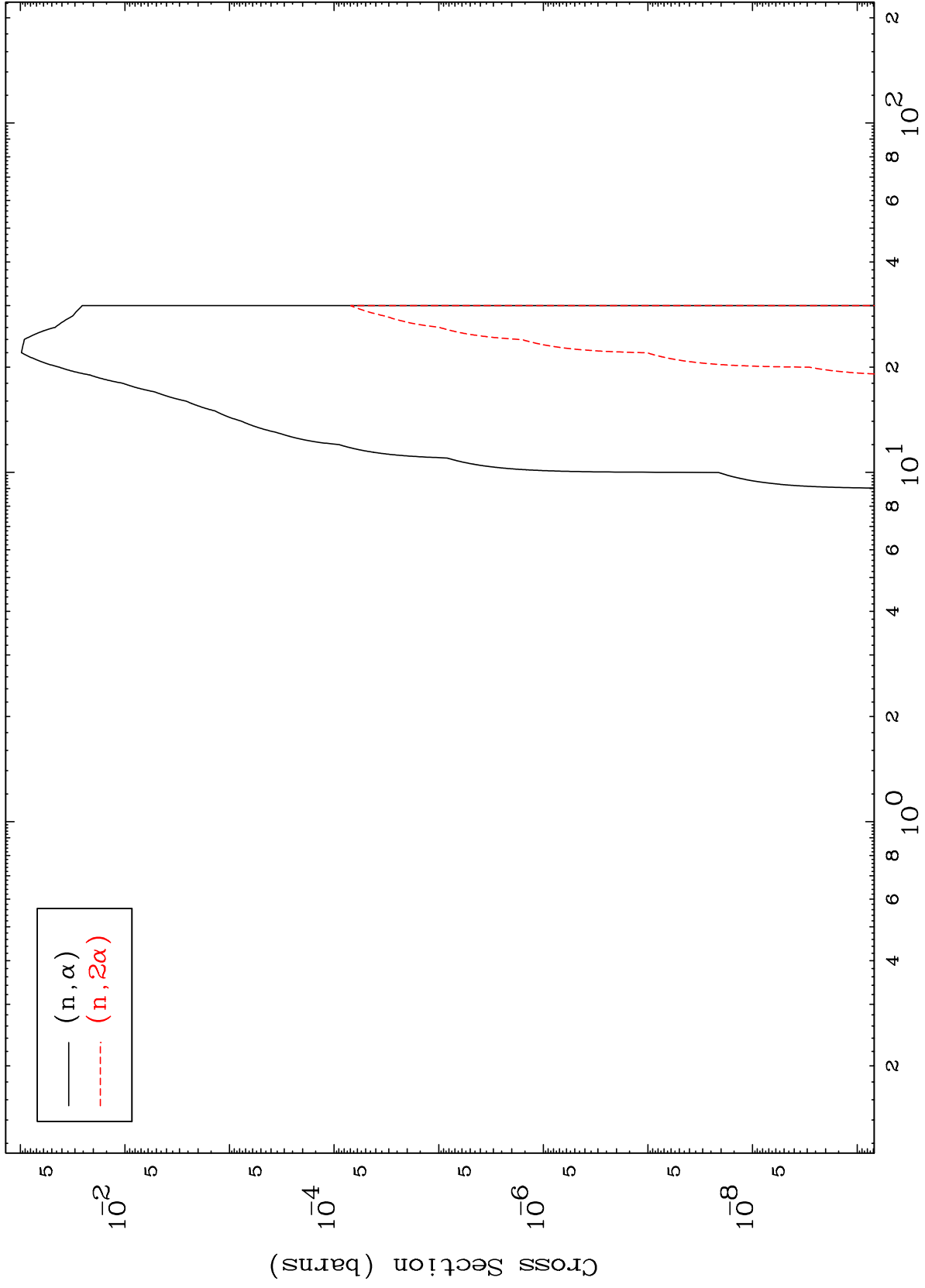
Incident Energy (MeV)

41-Nb-85m

MAT 4102

0 Kelvin Cross Sections
(α, α) Levels

41-Nb-85m



10

Incident Energy (MeV)

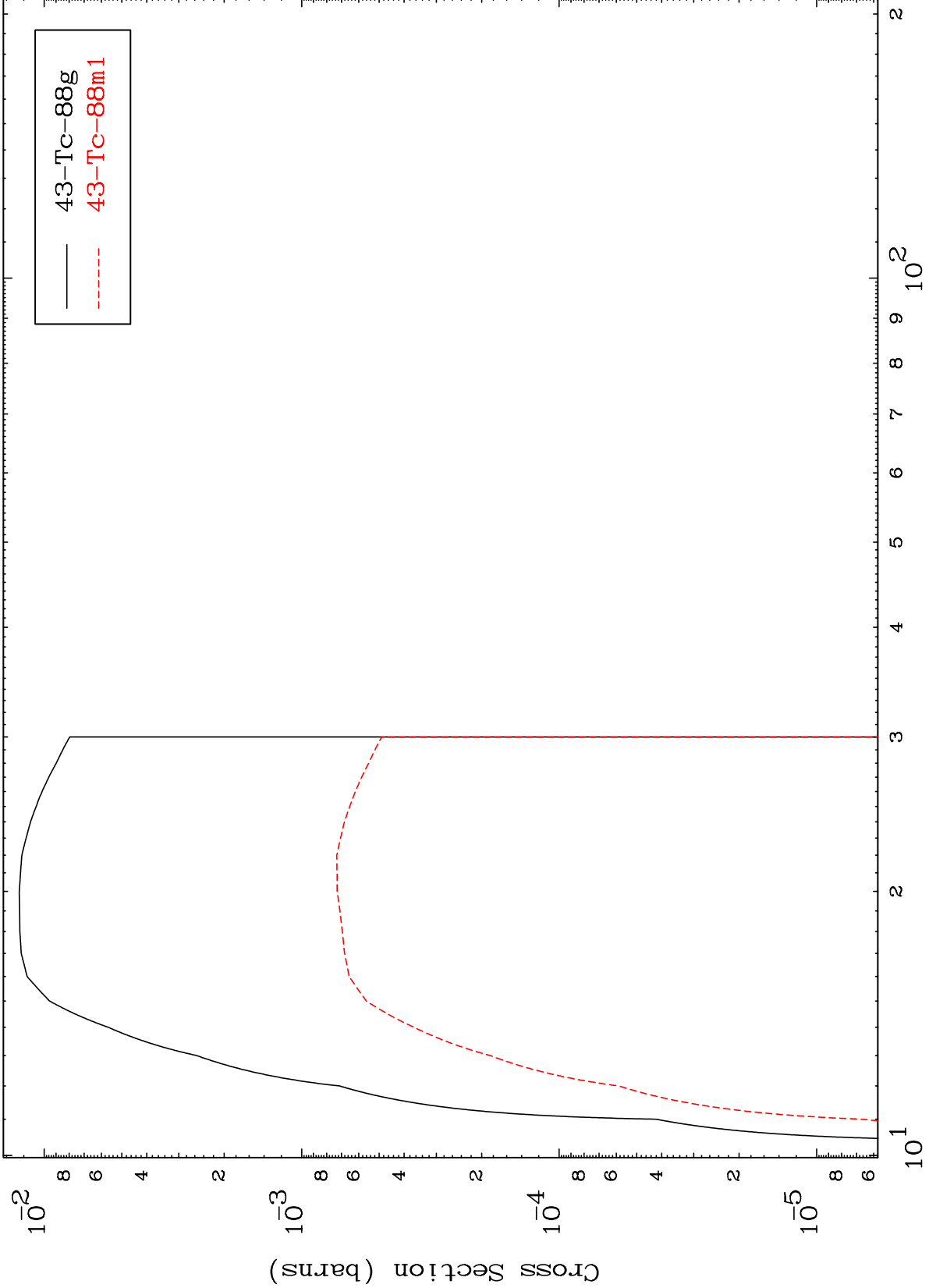
41-Nb-85m

MAT 4102

Inelastic

41-Nb-85m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

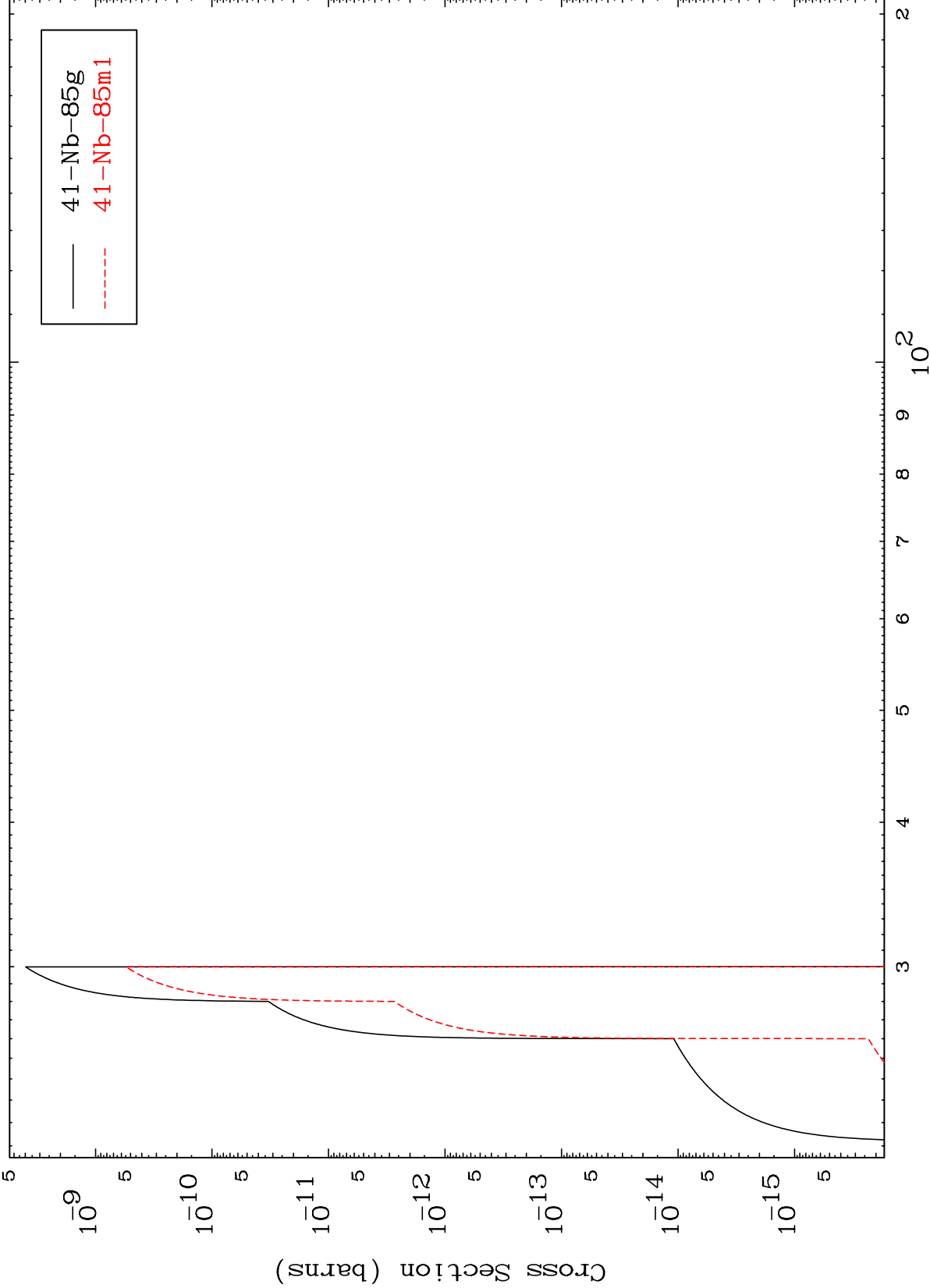
41-Nb-85m

MAT 4102

(n,n') He-3

41-Nb-85m

Radionuclide Production Cross Section



12

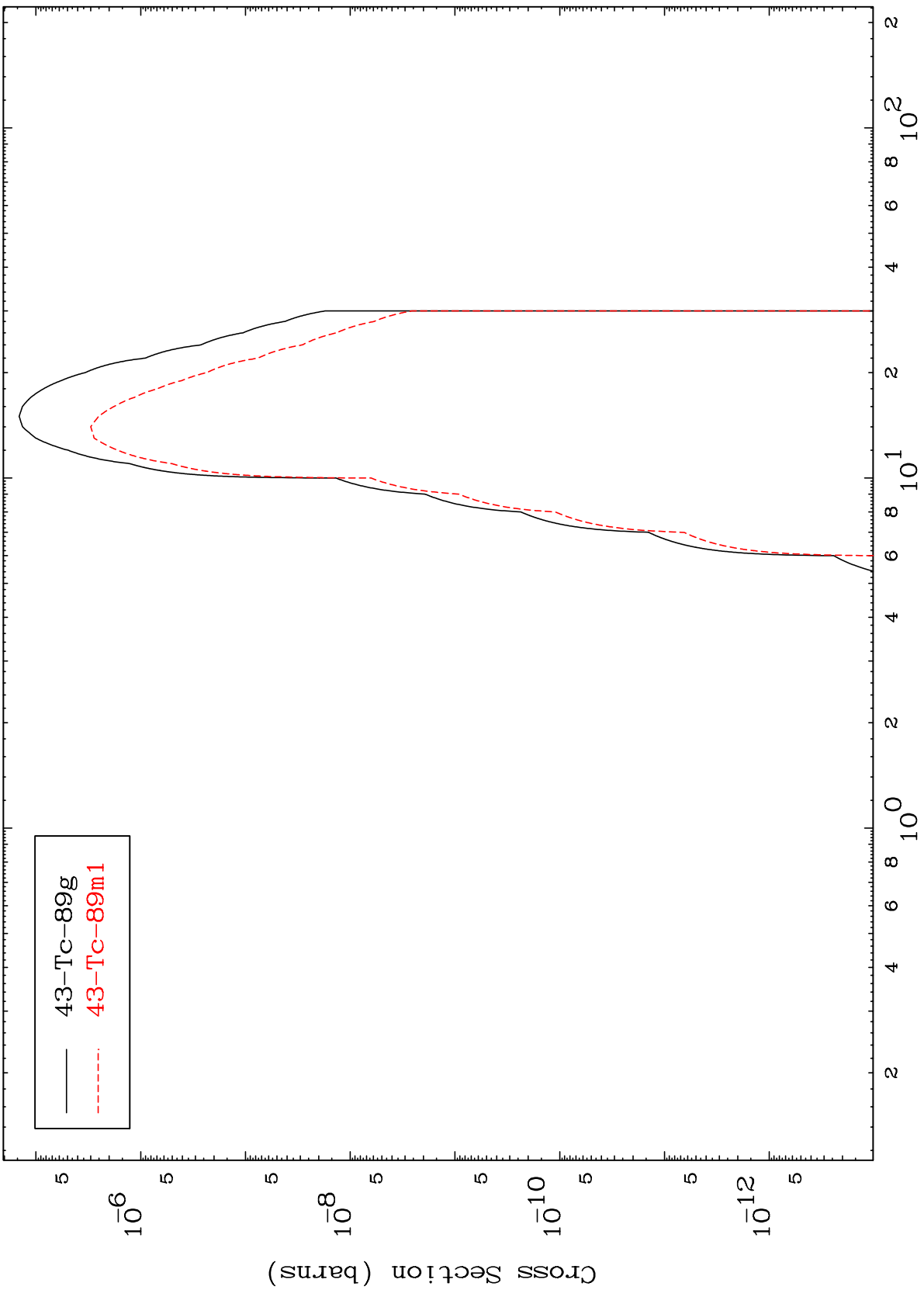
Incident Energy (MeV)

41-Nb-85m

MAT 4102

41-Nb-85m

Radionuclide Production Cross Section
(n, γ)



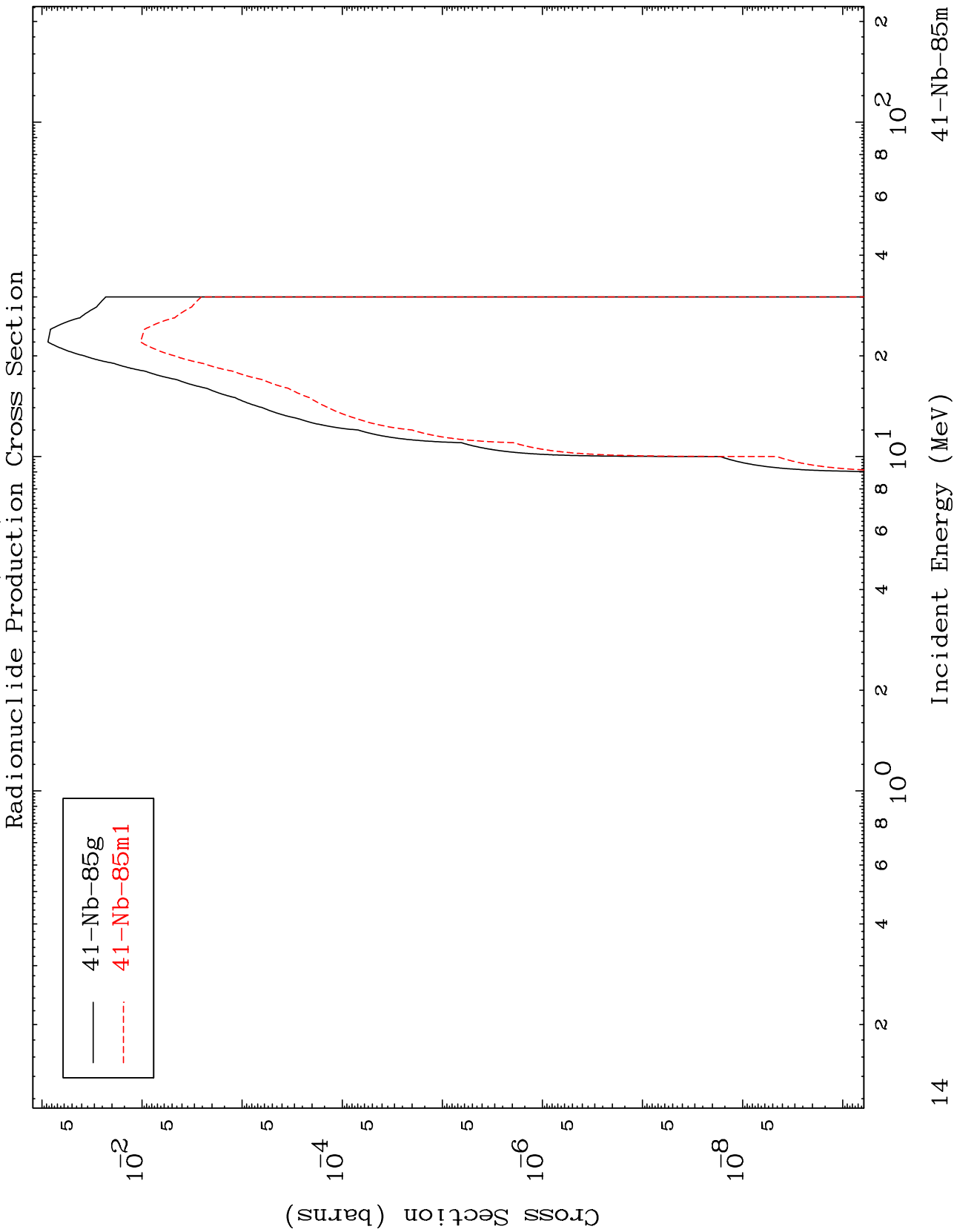
41-Nb-85m

Incident Energy (MeV)

13

MAT 4102

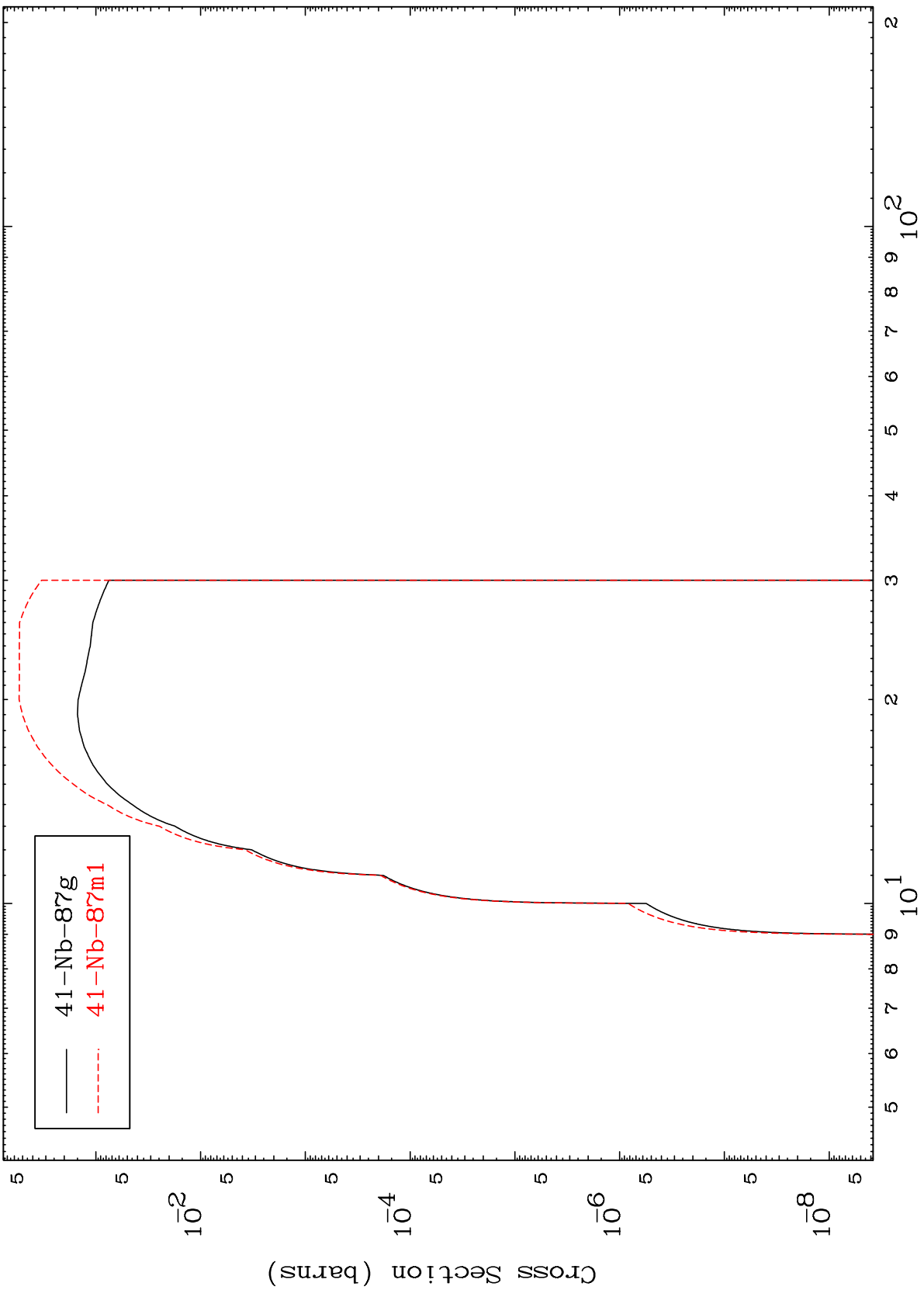
41-Nb-85m



MAT 4102

41-Nb-85m

(n,2p)
Radionuclide Production Cross Section



41-Nb-87g
41-Nb-87m1

41-Nb-85m

Incident Energy (MeV)

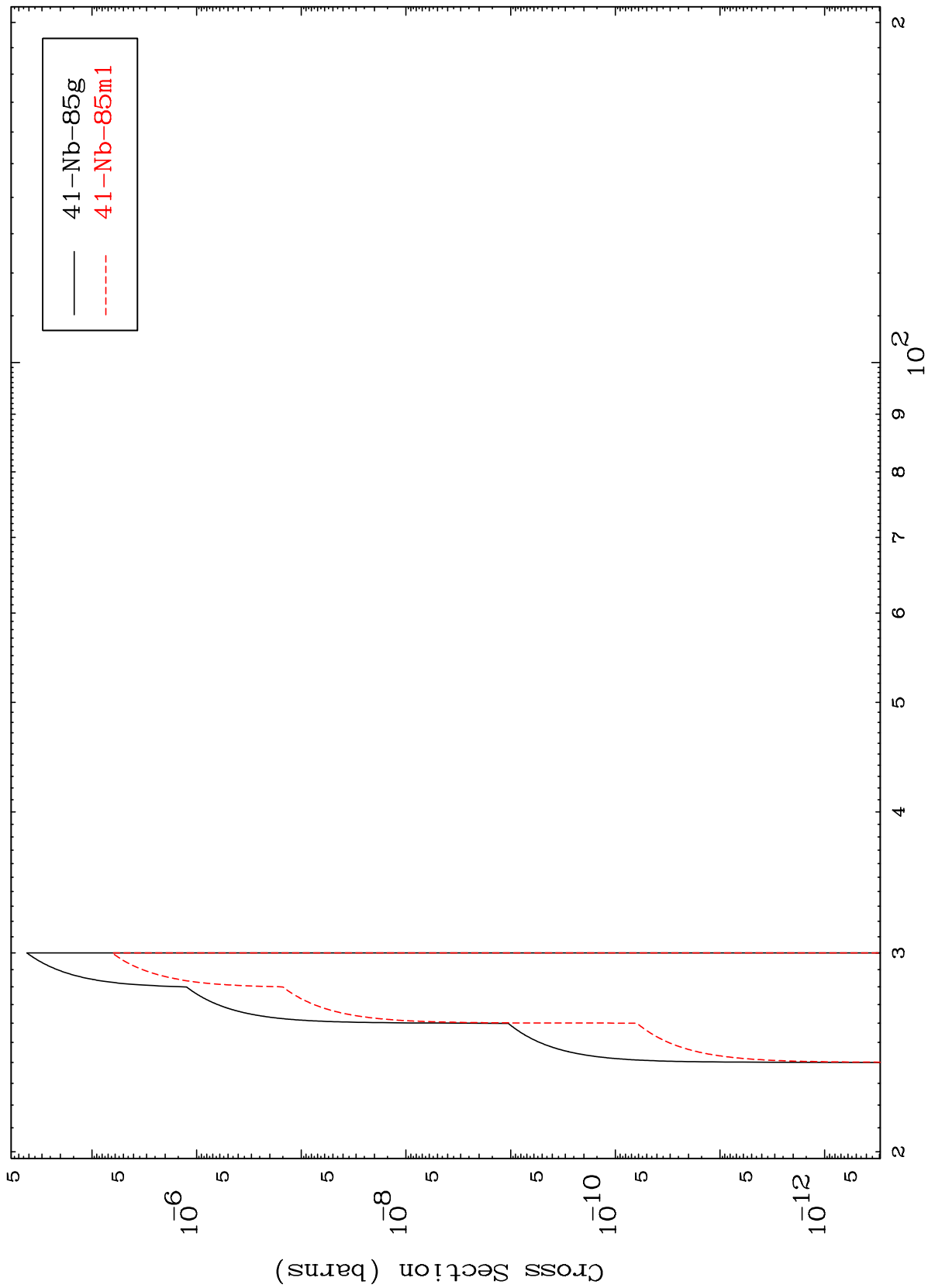
15

MAT 4102

(n,p) t

41-Nb-85m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

41-Nb-85m