

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

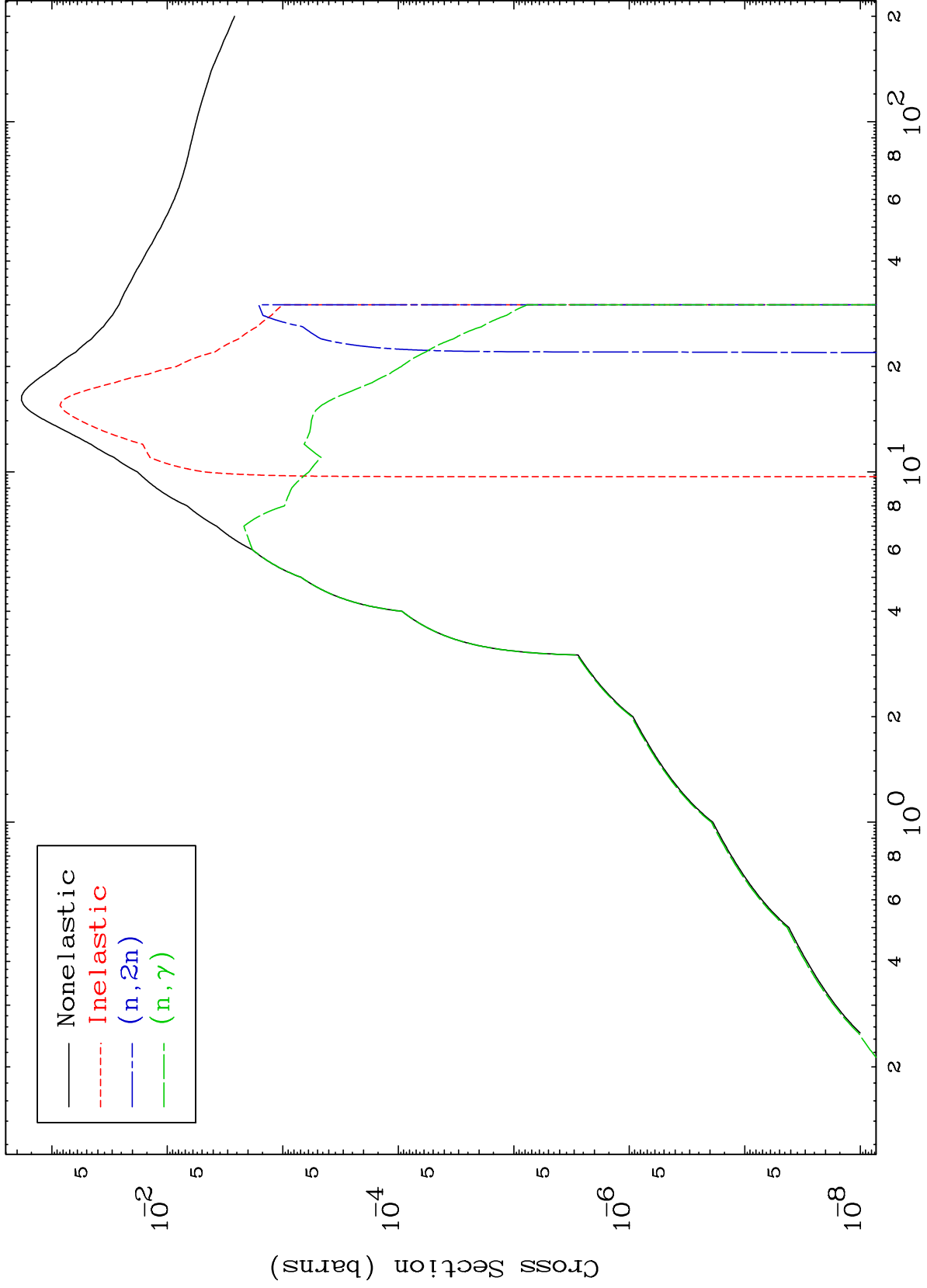
Press Mouse Button to Start

MAT 3911

Photon Major

39-Y -84m

0 Kelvin Cross Sections



1

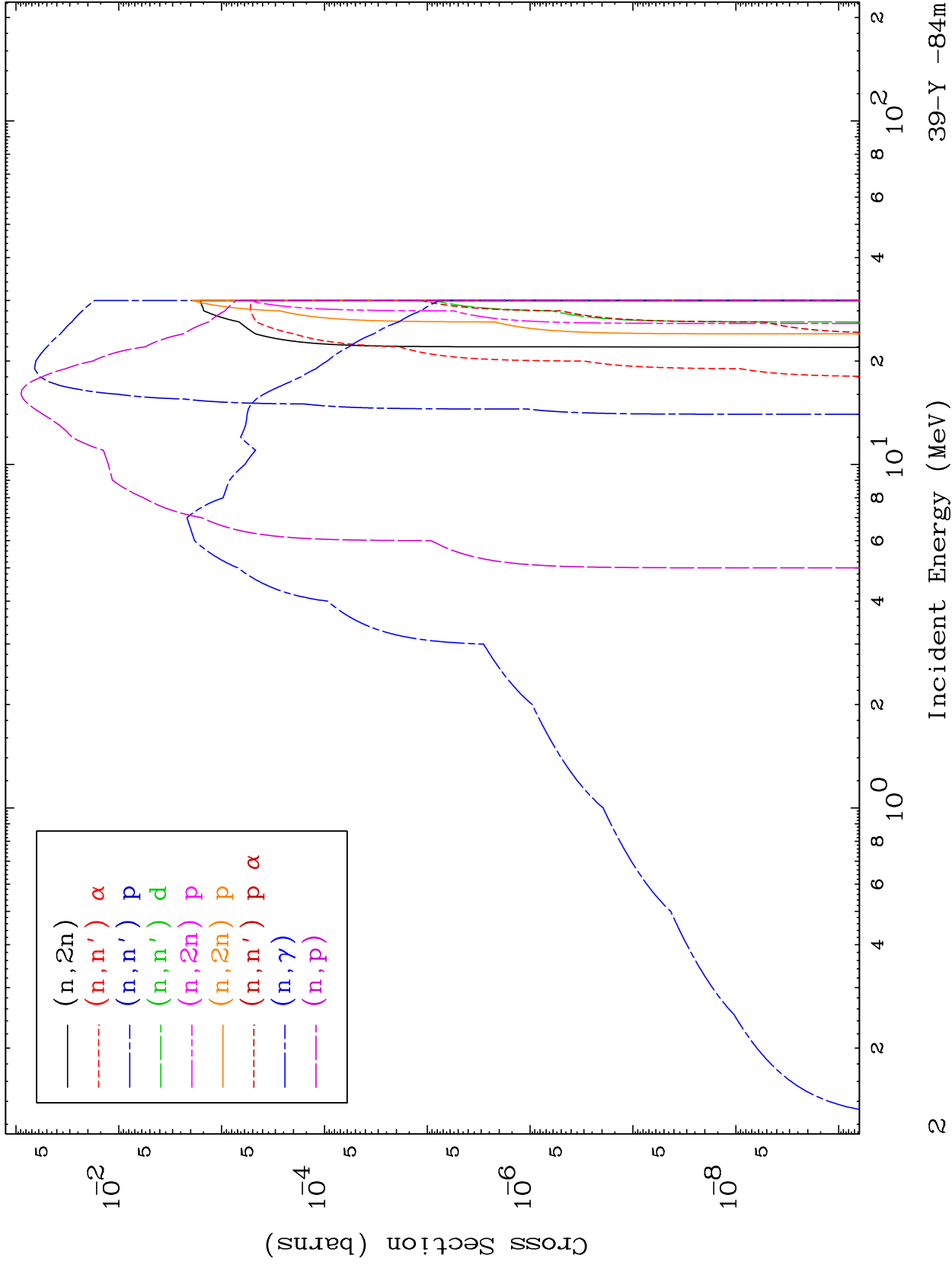
Incident Energy (MeV)

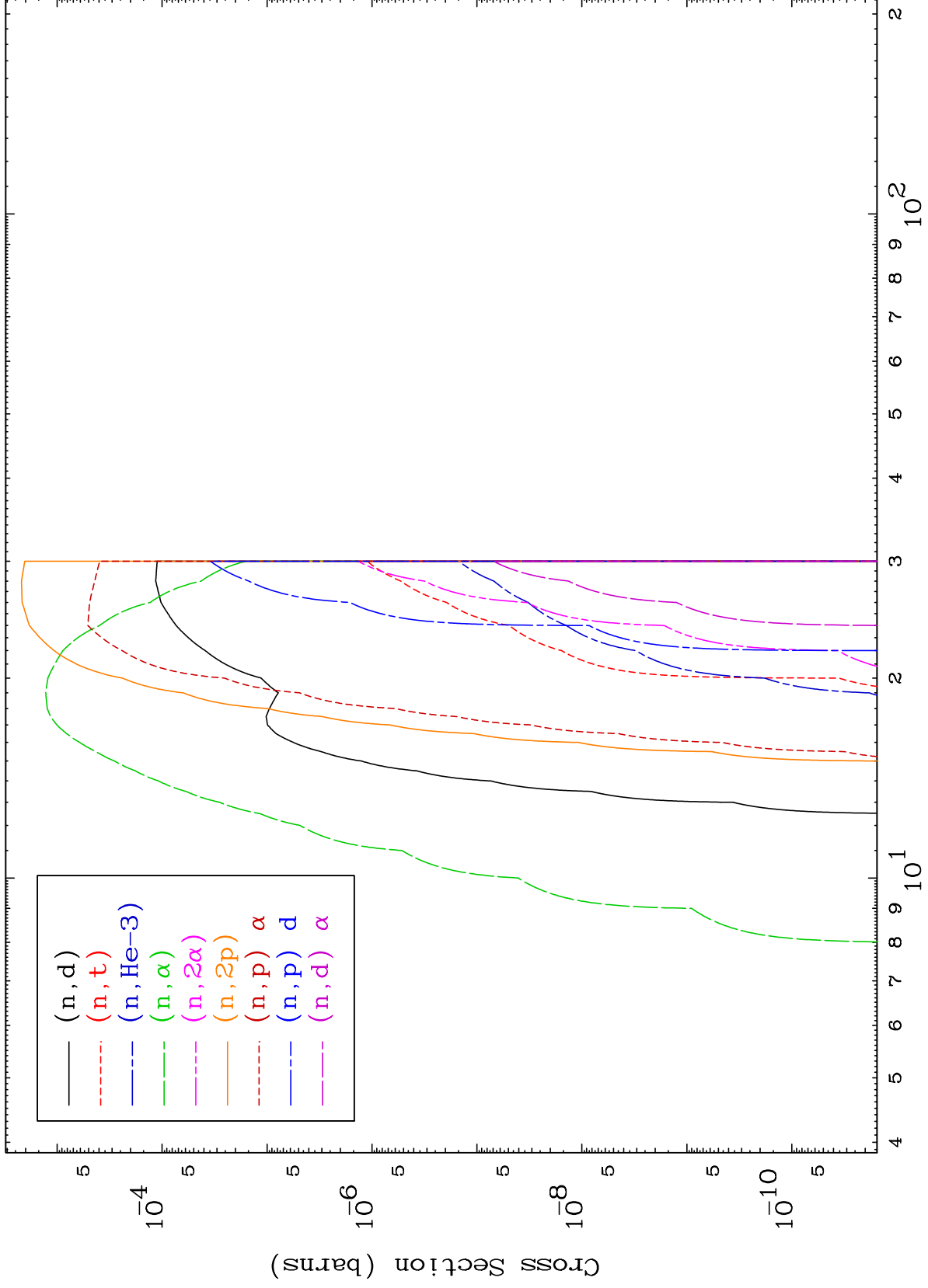
39-Y -84m

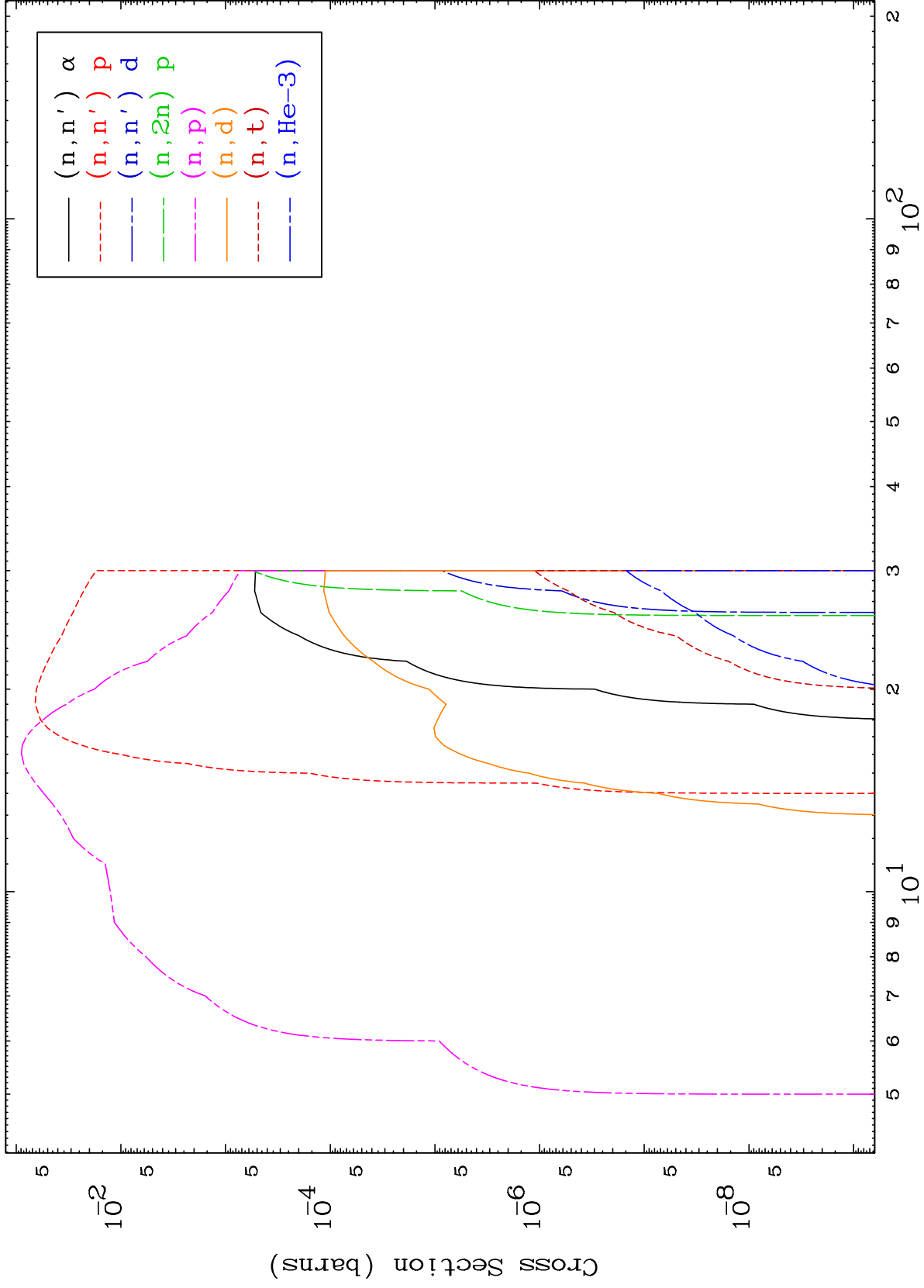
MAT 3911

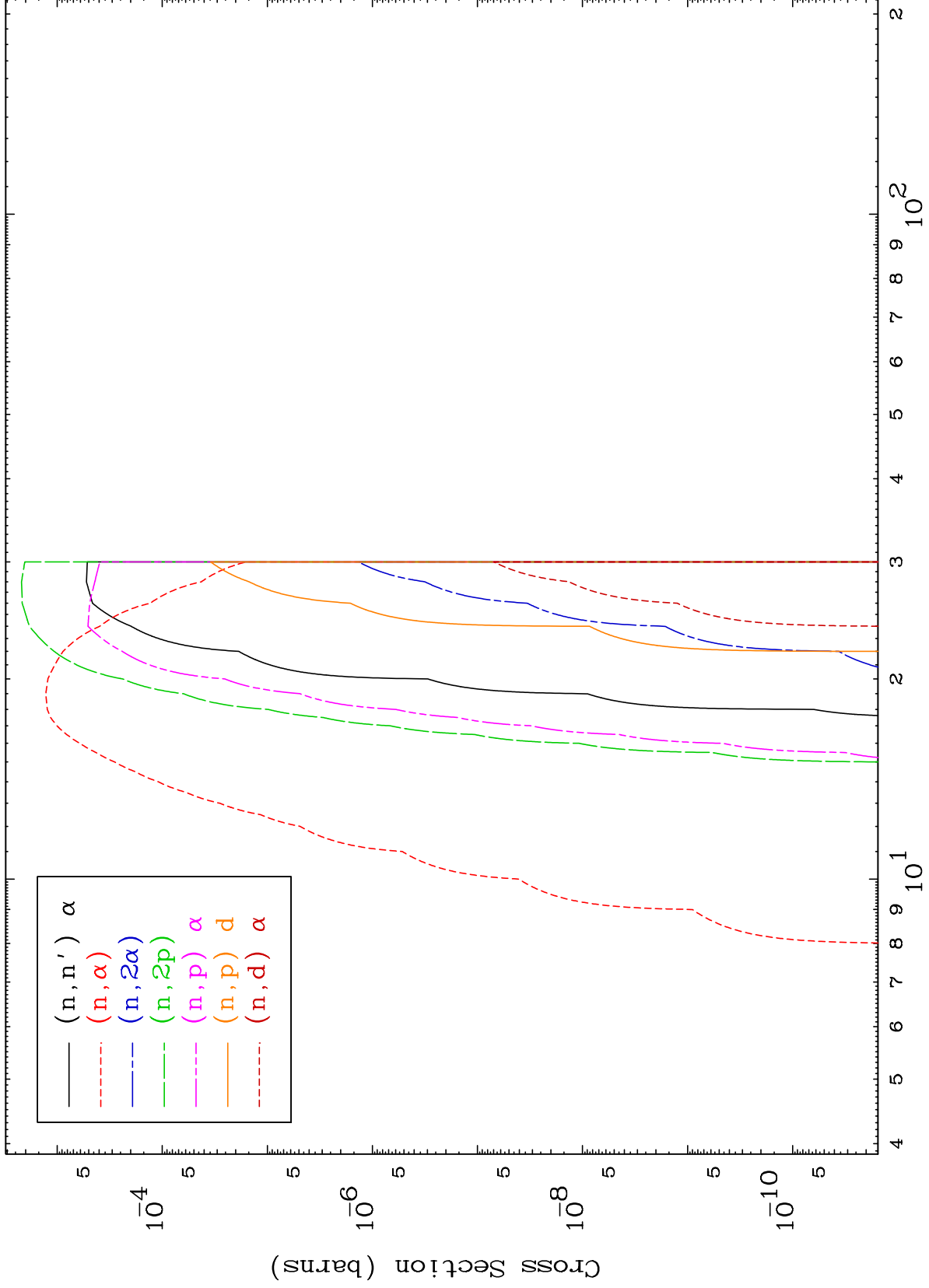
Photon Neutron Absorption
0 Kelvin Cross Sections

39-Y -84m





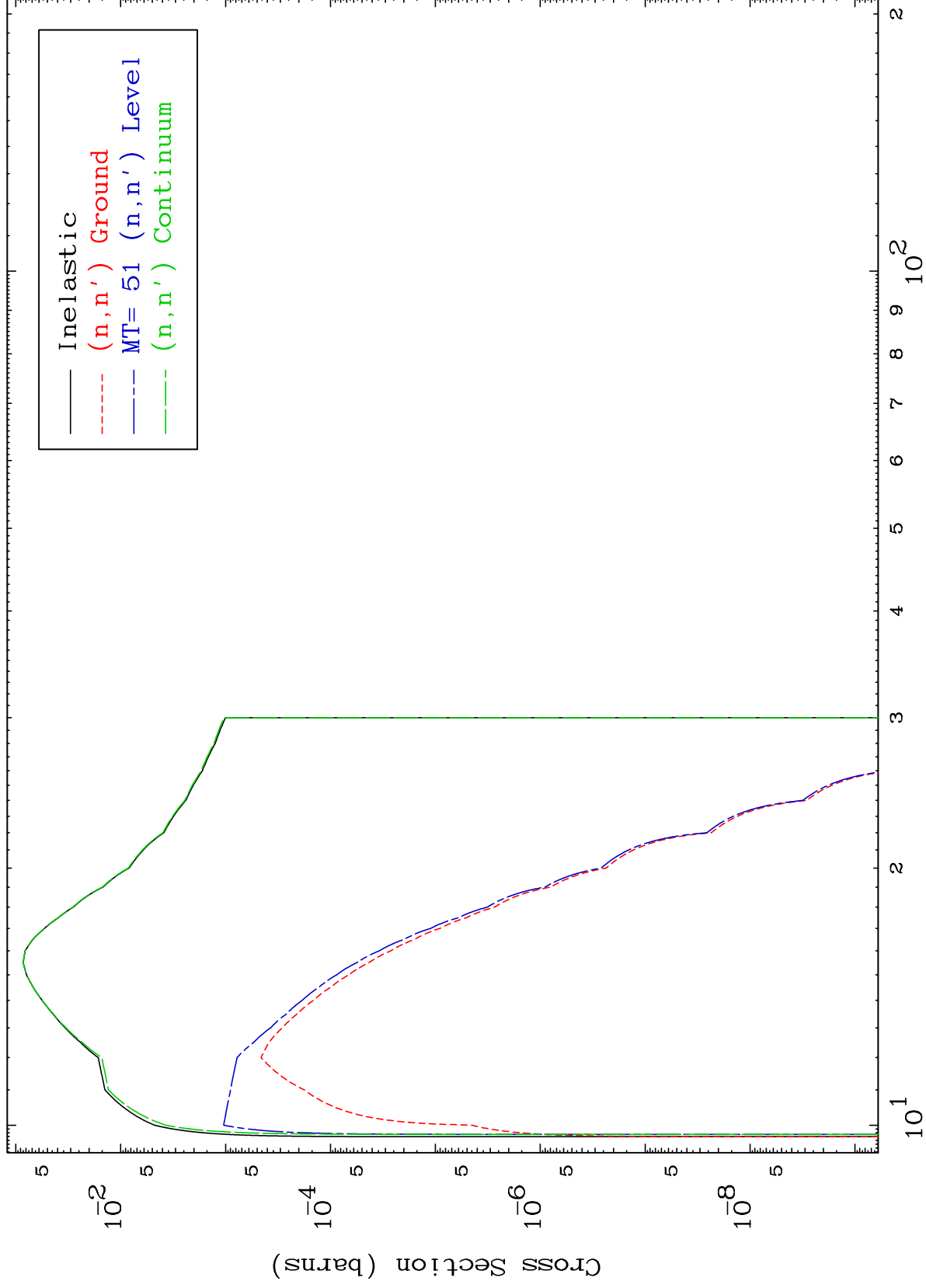




MAT 3911

39-Y -84m

(γ, n') Levels
0 Kelvin Cross Sections



39-Y -84m

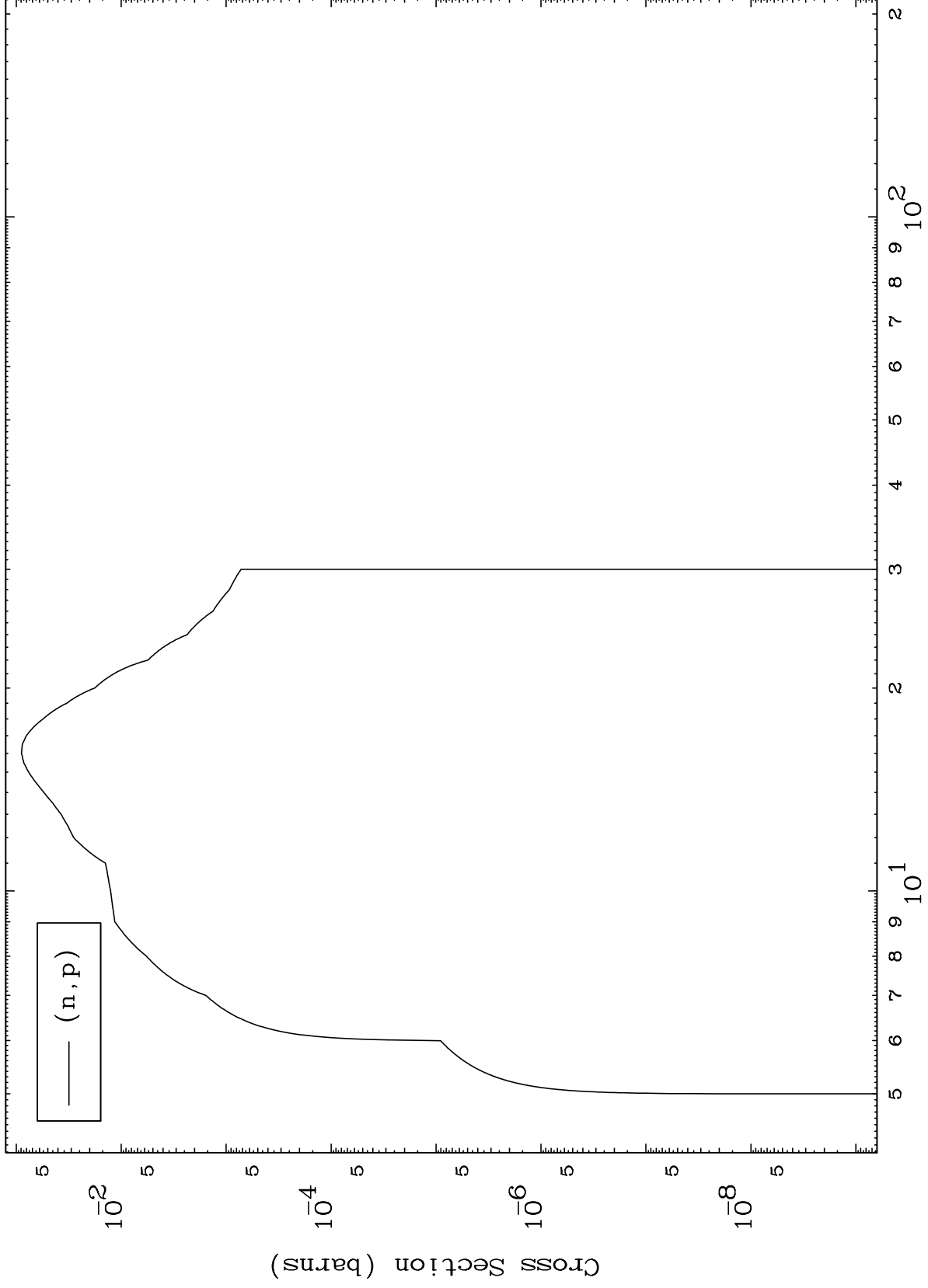
Incident Energy (MeV)

MAT 3911

(γ, p) Levels

39-Y -84m

0 Kelvin Cross Sections

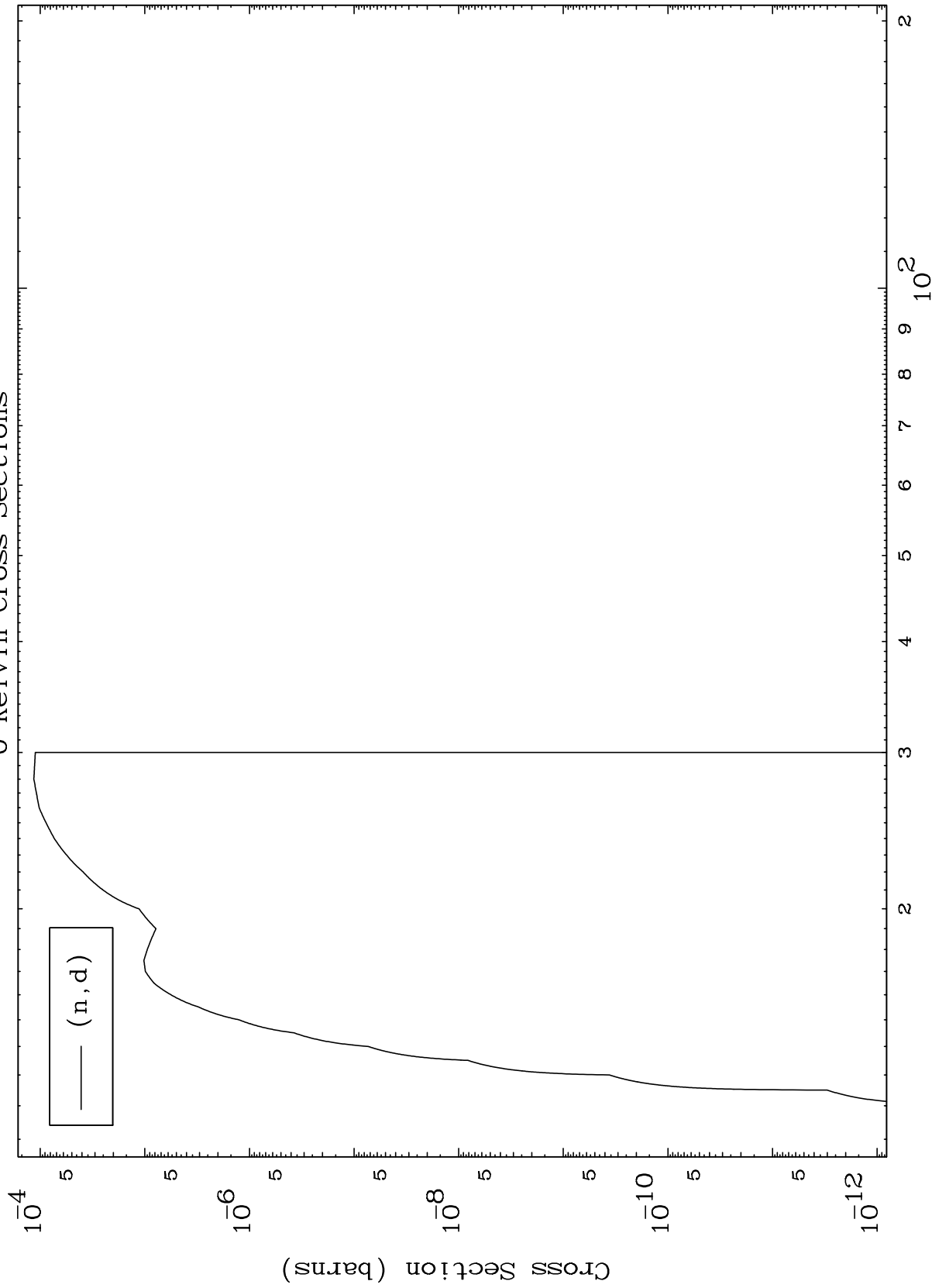


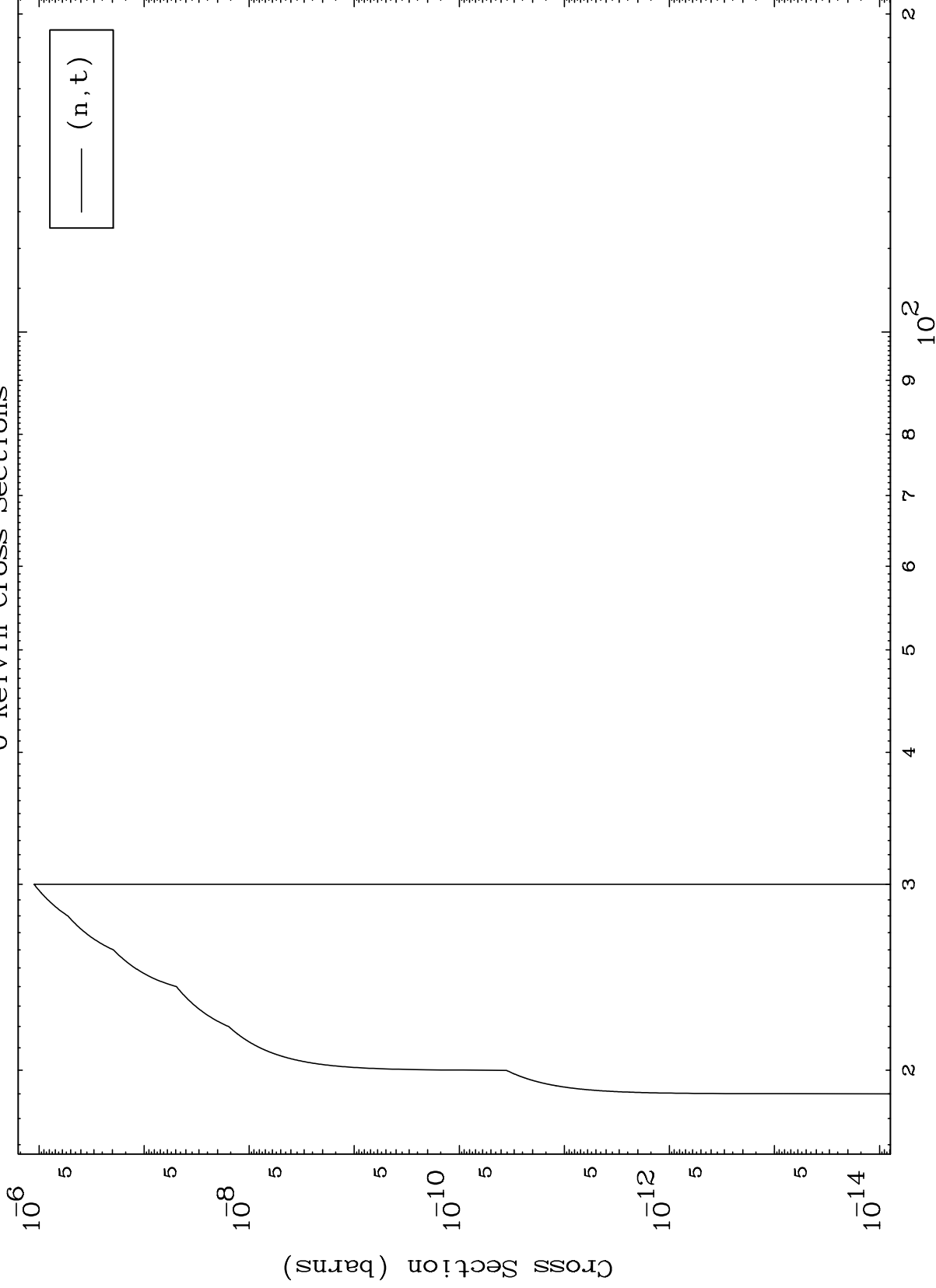
(n, p)

7

Incident Energy (MeV)

39-Y -84m

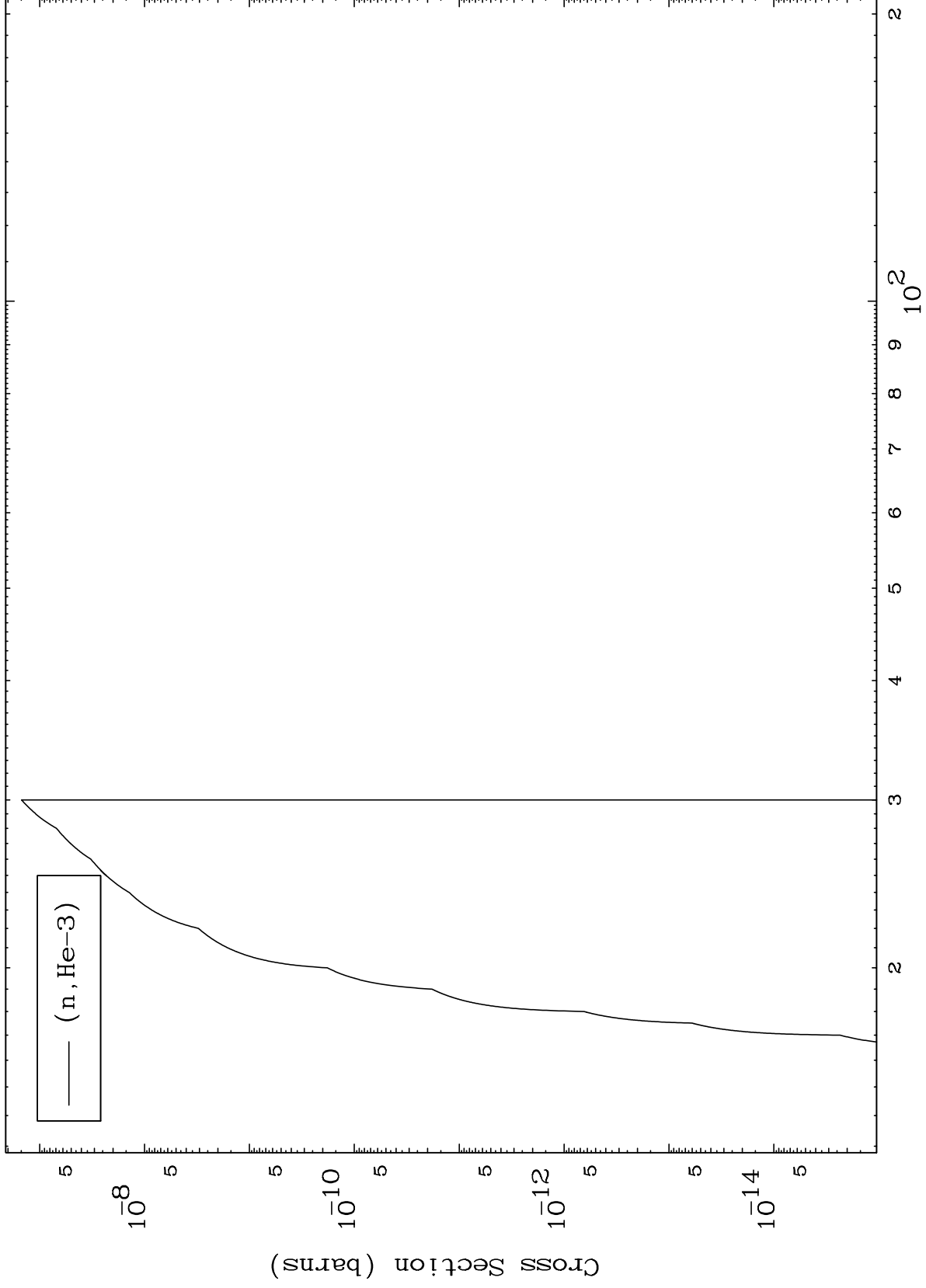




MAT 3911

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

39-Y -84m



10

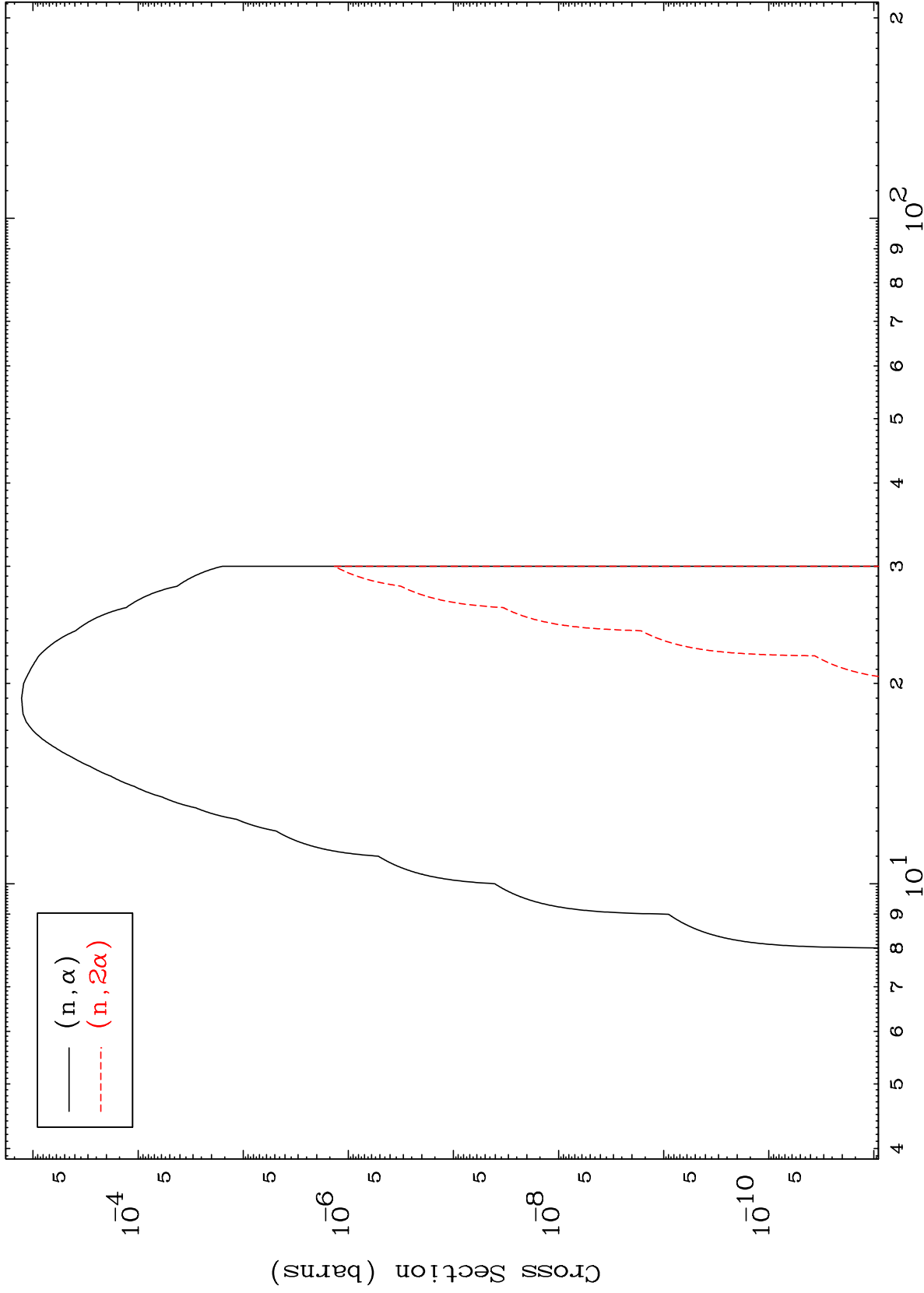
Incident Energy (MeV)

39-Y -84m

MAT 3911

(γ, α) Levels
0 Kelvin Cross Sections

39-Y -84m



11

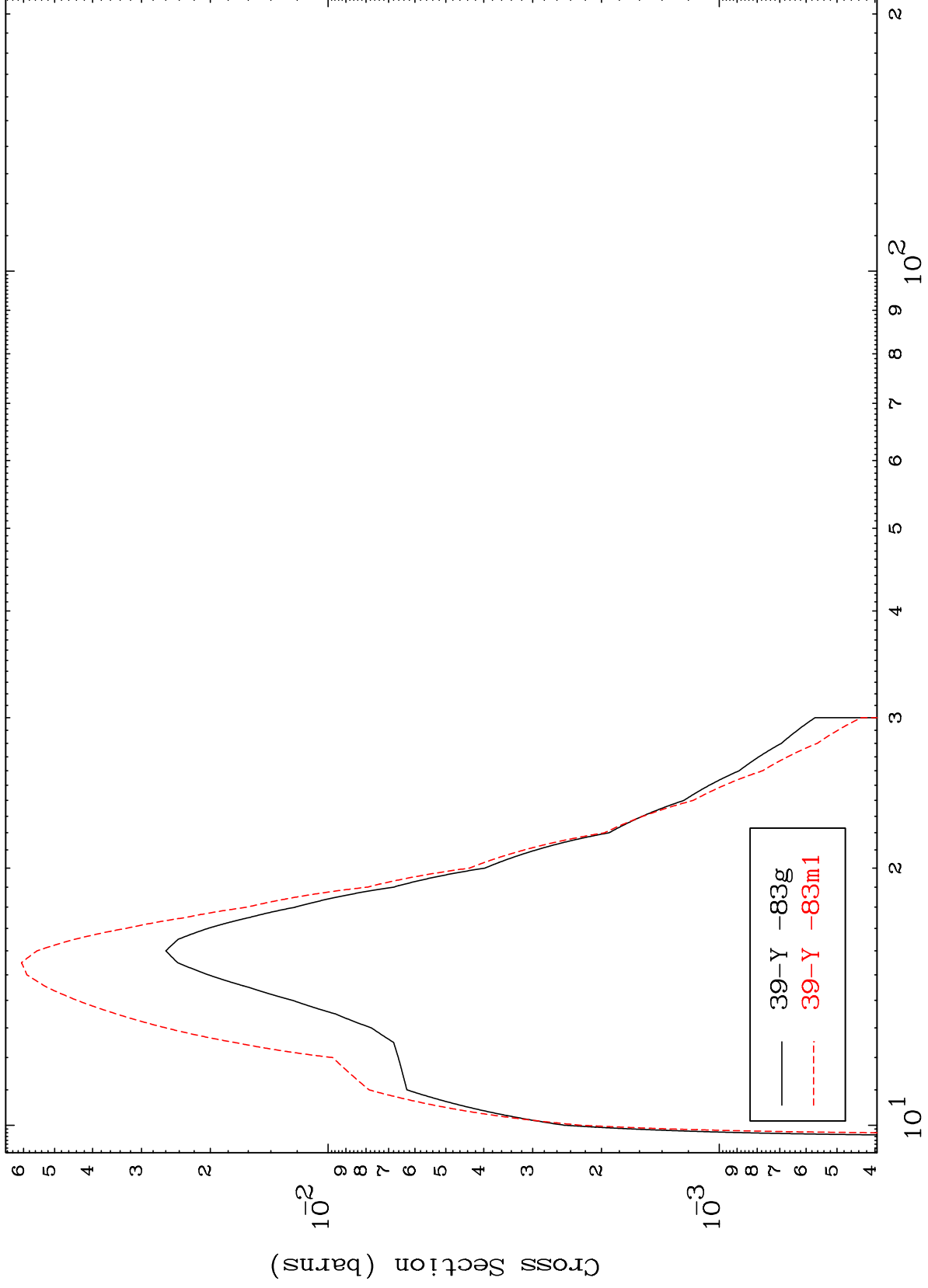
Incident Energy (MeV)

39-Y -84m

MAT 3911

Inelastic
Radionuclide Production Cross Section

39-Y -84m



39-Y -84m

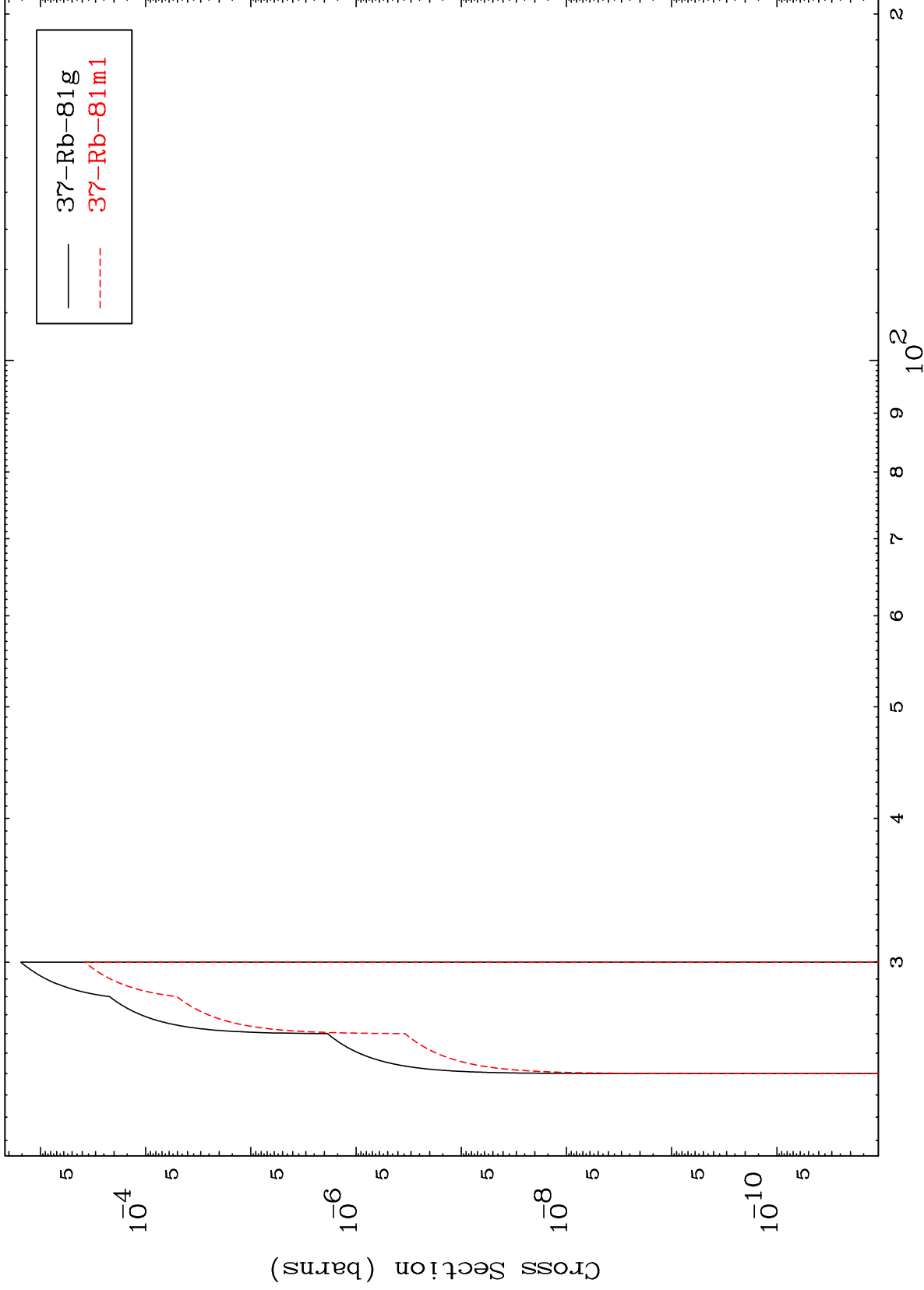
Incident Energy (MeV)

MAT 3911

(n,2n) p

39-Y -84m

Radionuclide Production Cross Section



13

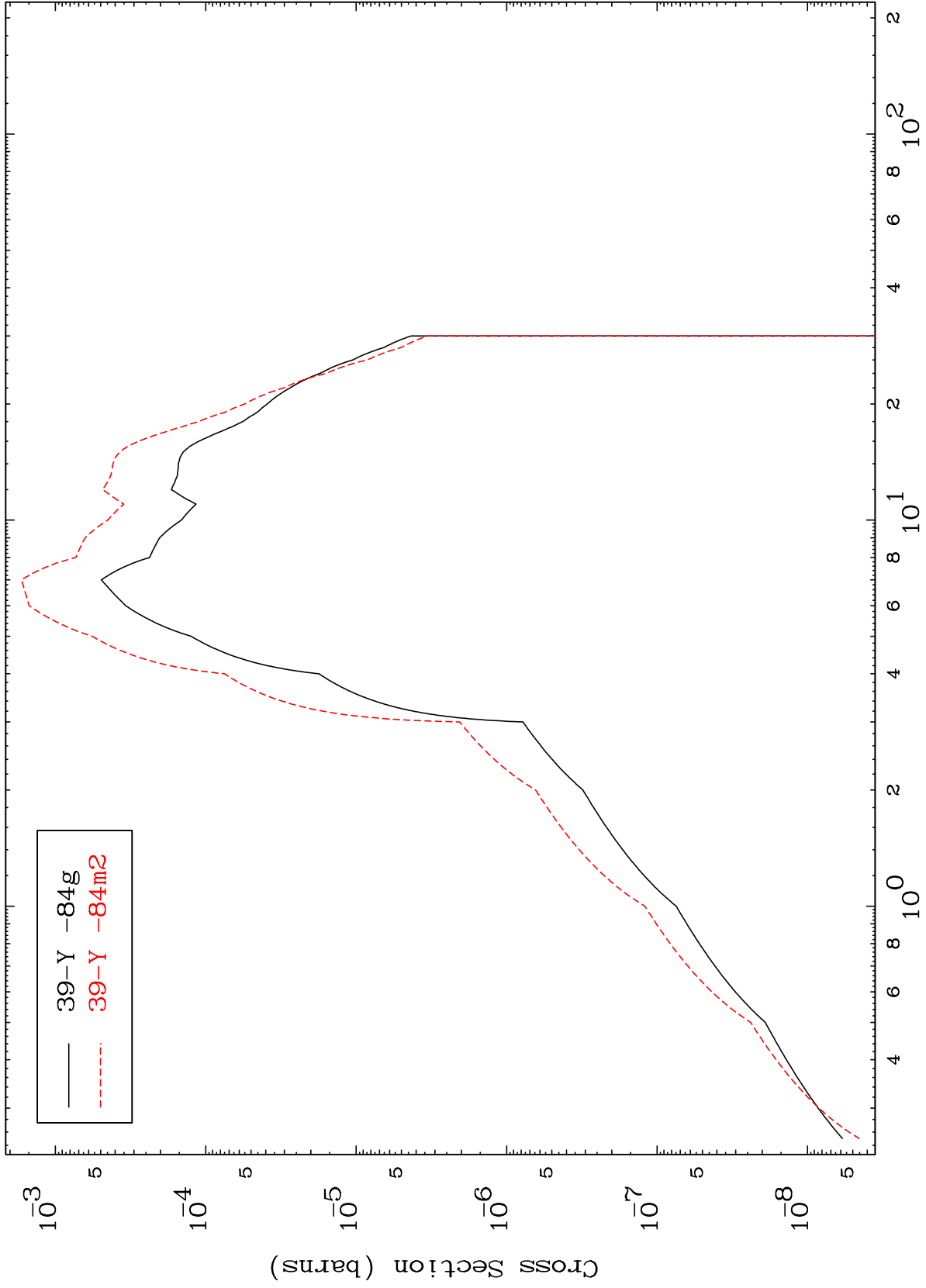
Incident Energy (MeV)

39-Y -84m

MAT 3911

39-Y -84m

Radionuclide Production Cross Section
(n,γ)



14

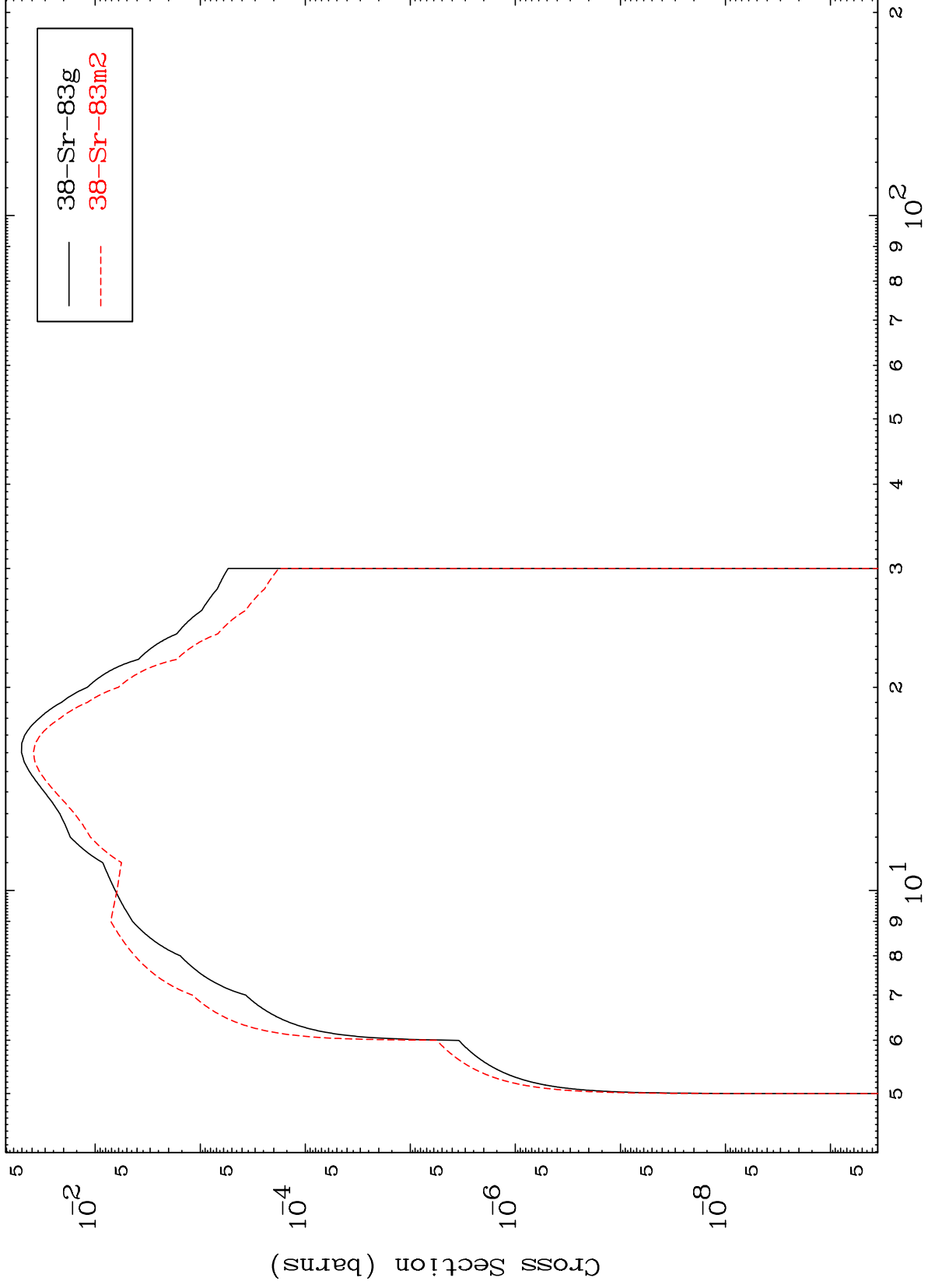
39-Y -84m

Incident Energy (MeV)

MAT 3911

39-Y -84m

(n,p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

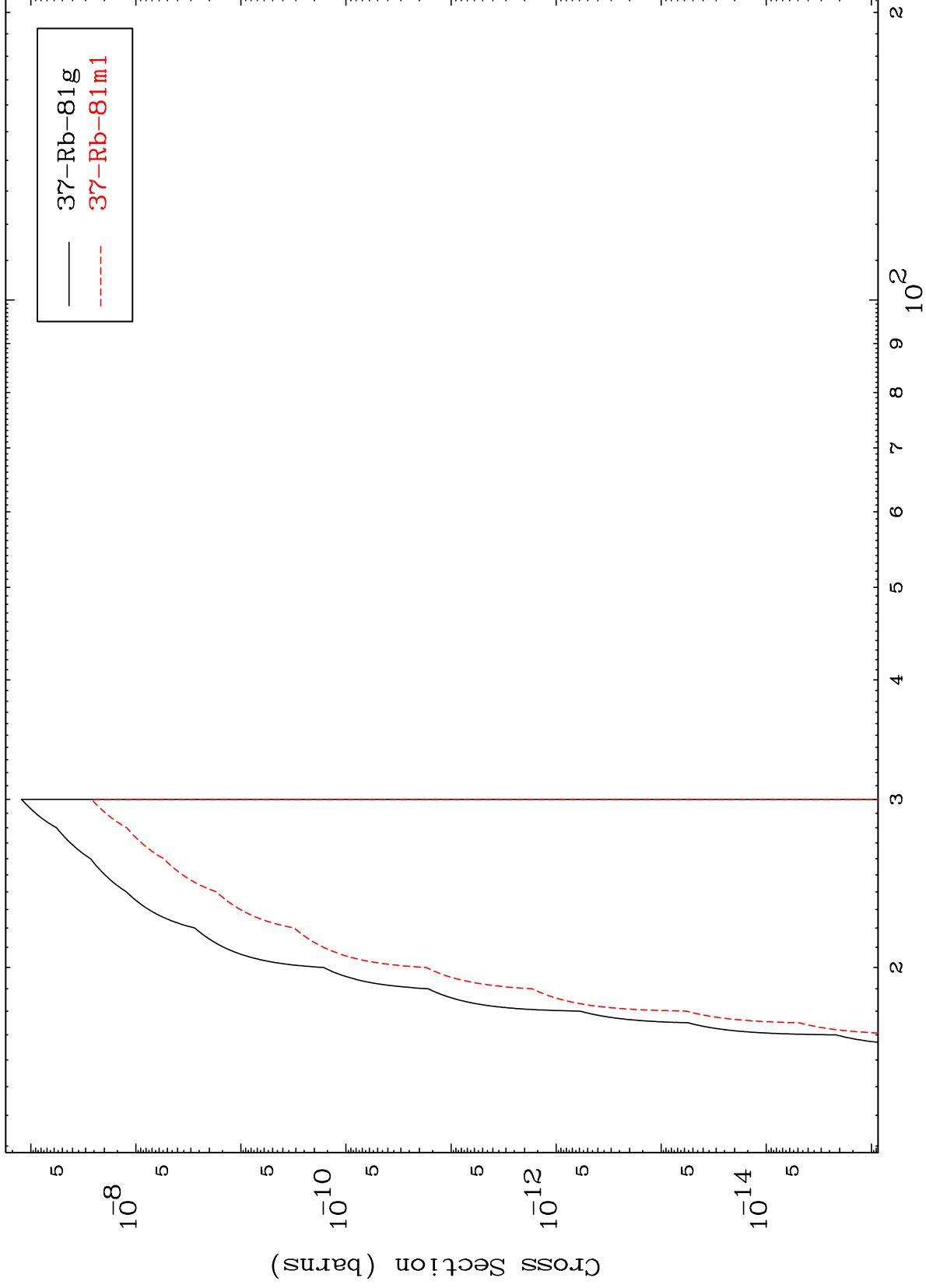
39-Y -84m

MAT 3911

(n,He-3)

39-Y -84m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

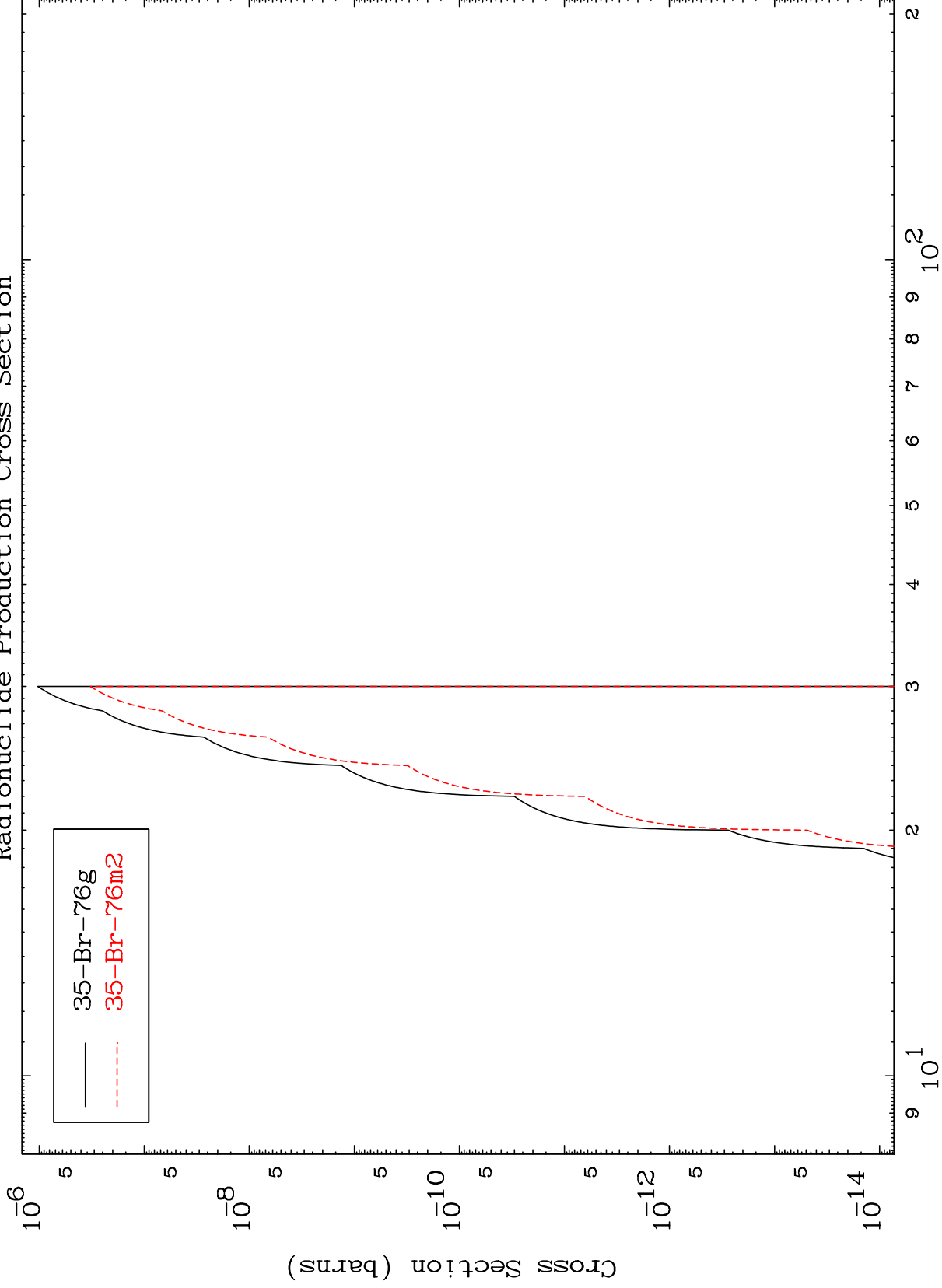
39-Y -84m

MAT 3911

(n,2α)

39-Y -84m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

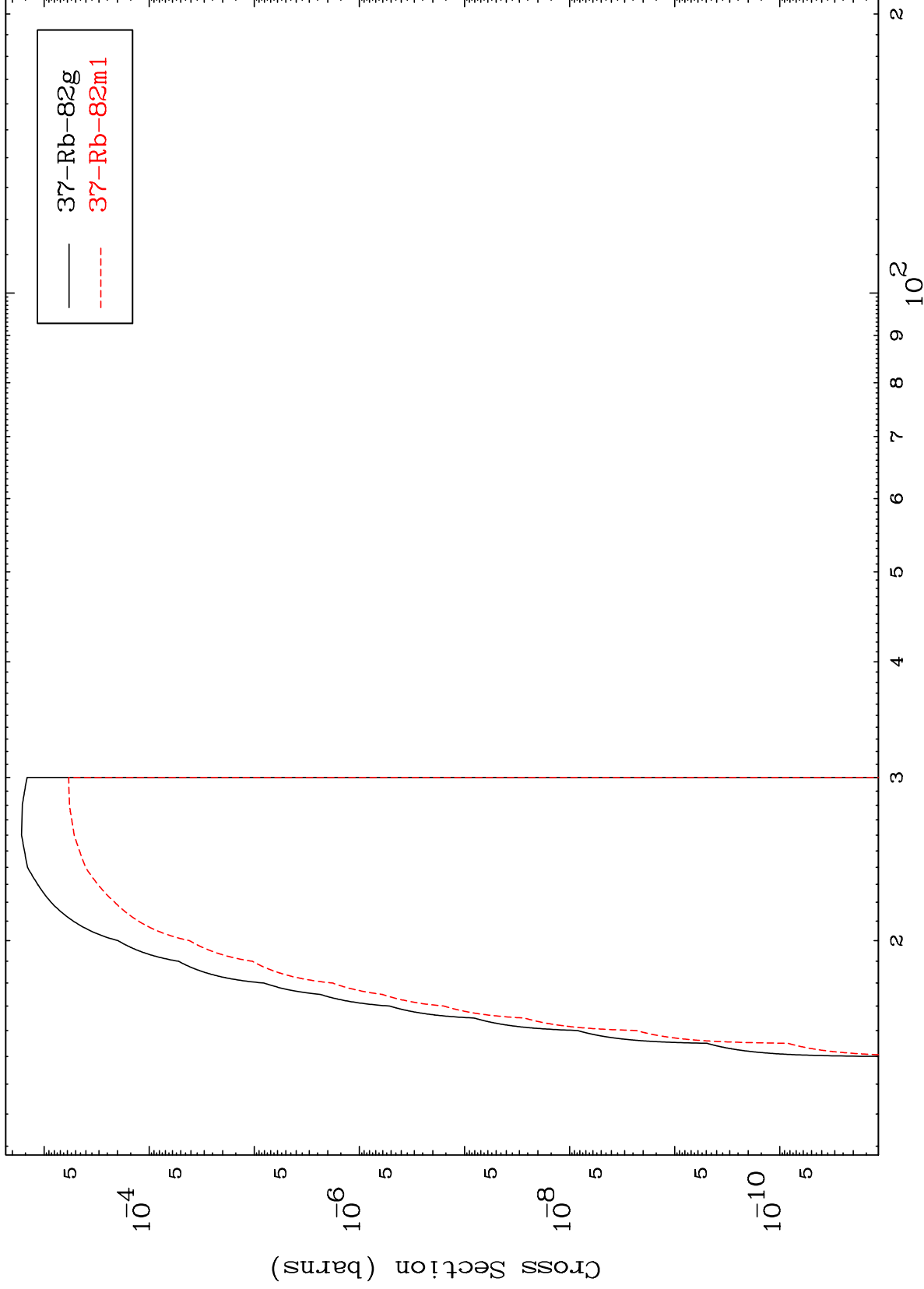
39-Y -84m

MAT 3911

(n,2p)

39-Y -84m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

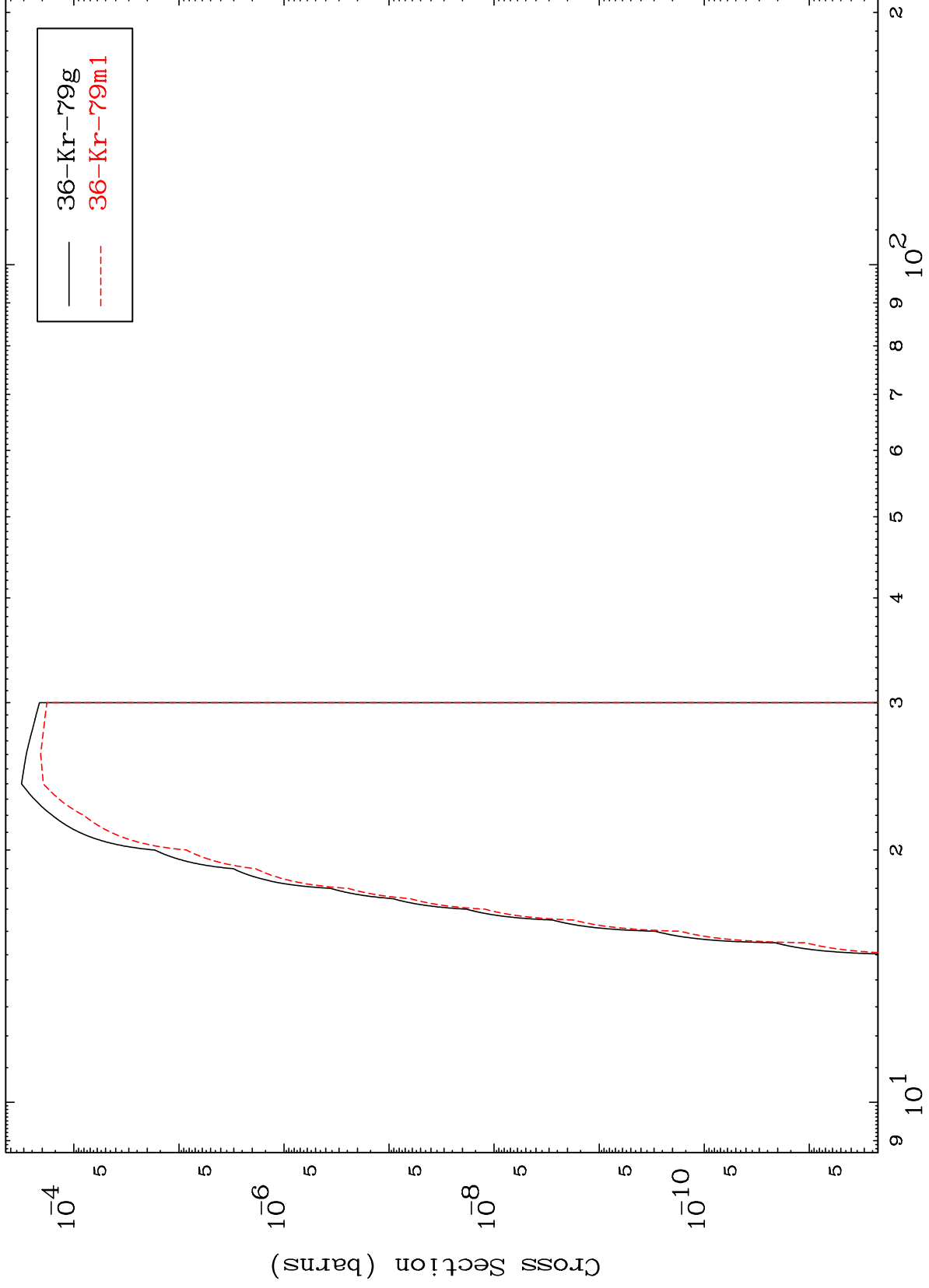
39-Y -84m

MAT 3911

(n,p) α

39-Y -84m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

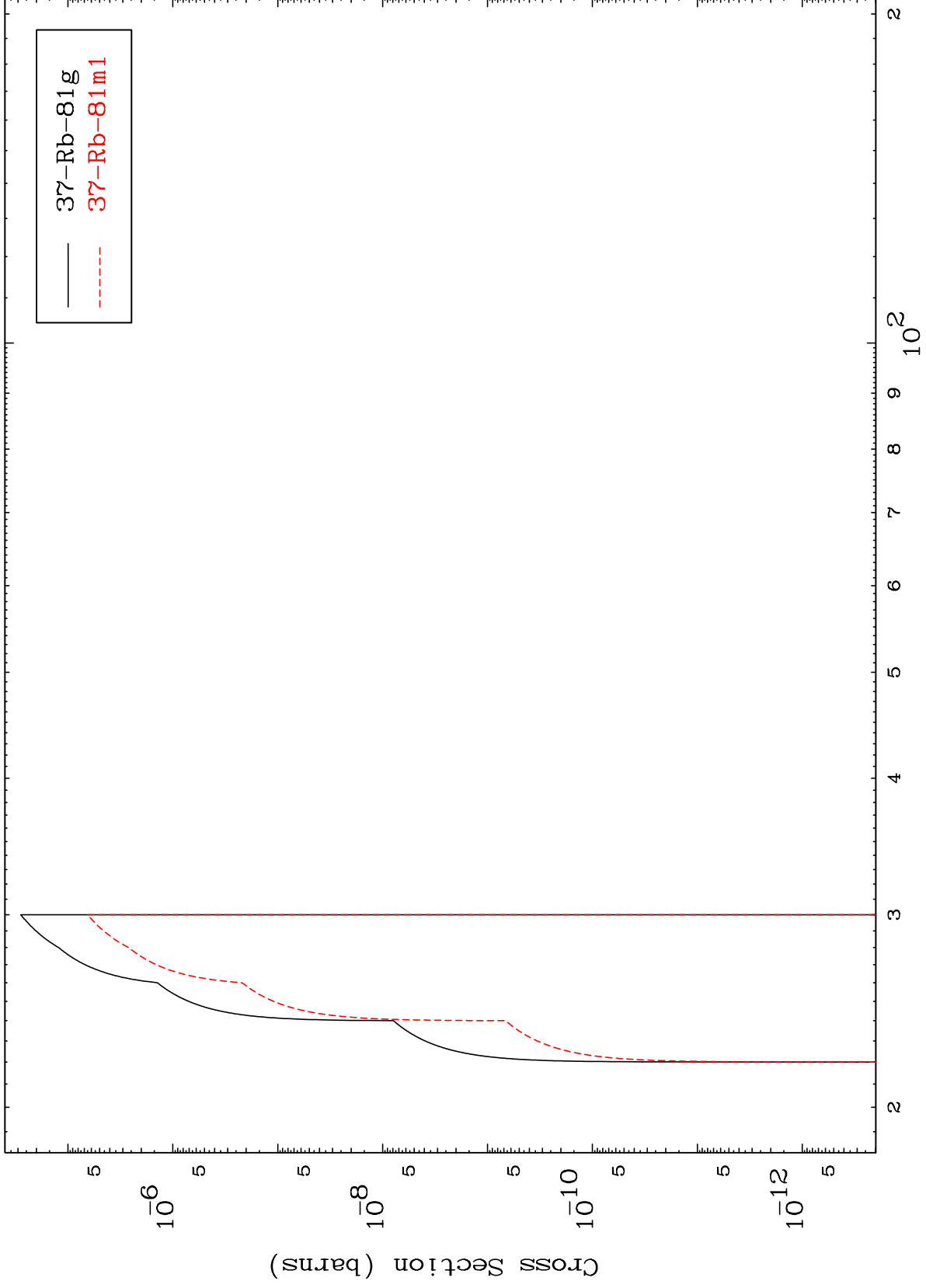
39-Y -84m

MAT 3911

(n,p) d

39-Y -84m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

39-Y -84m