

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

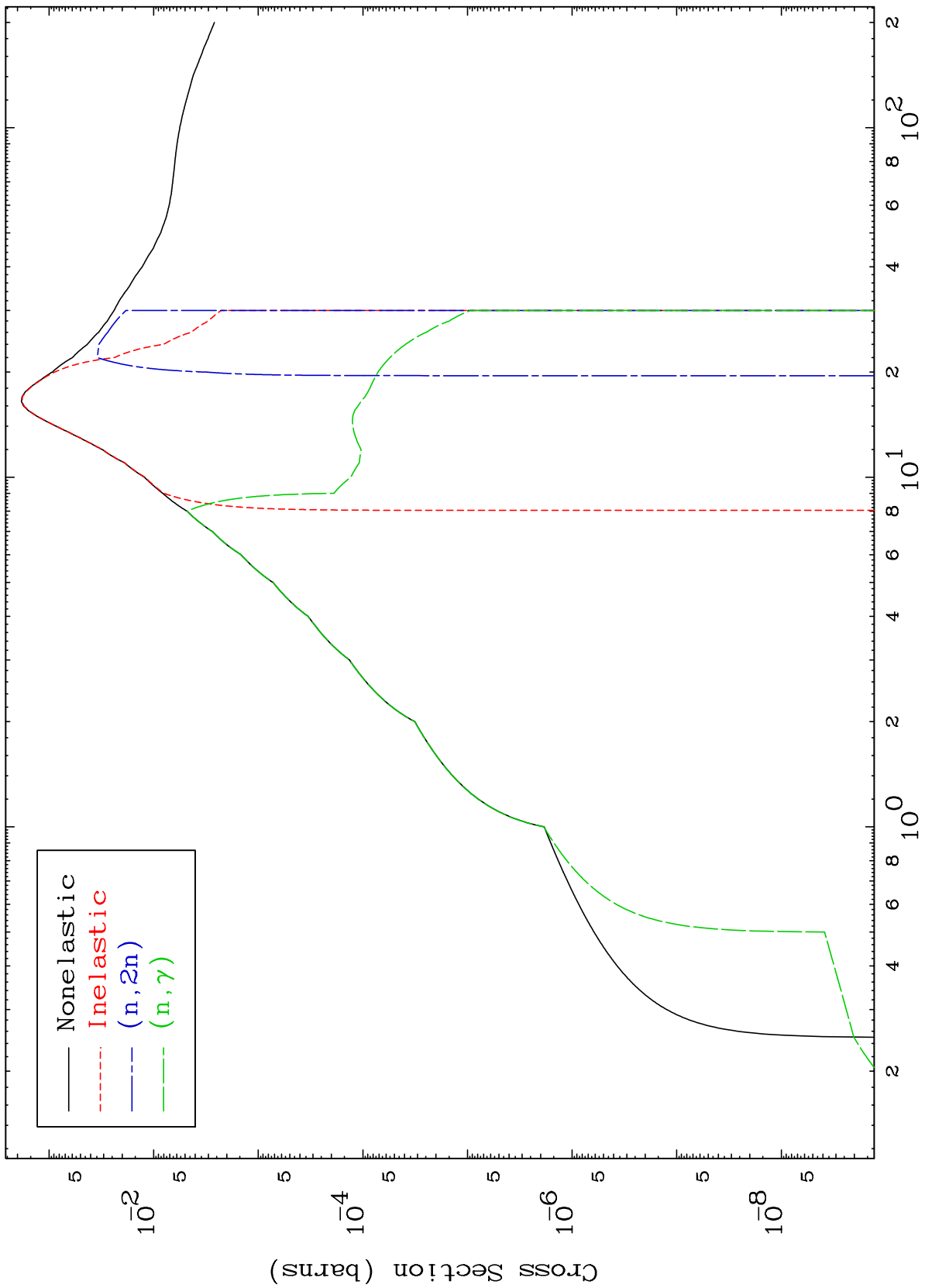
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3835

0 Kelvin Major
Photon Cross Sections

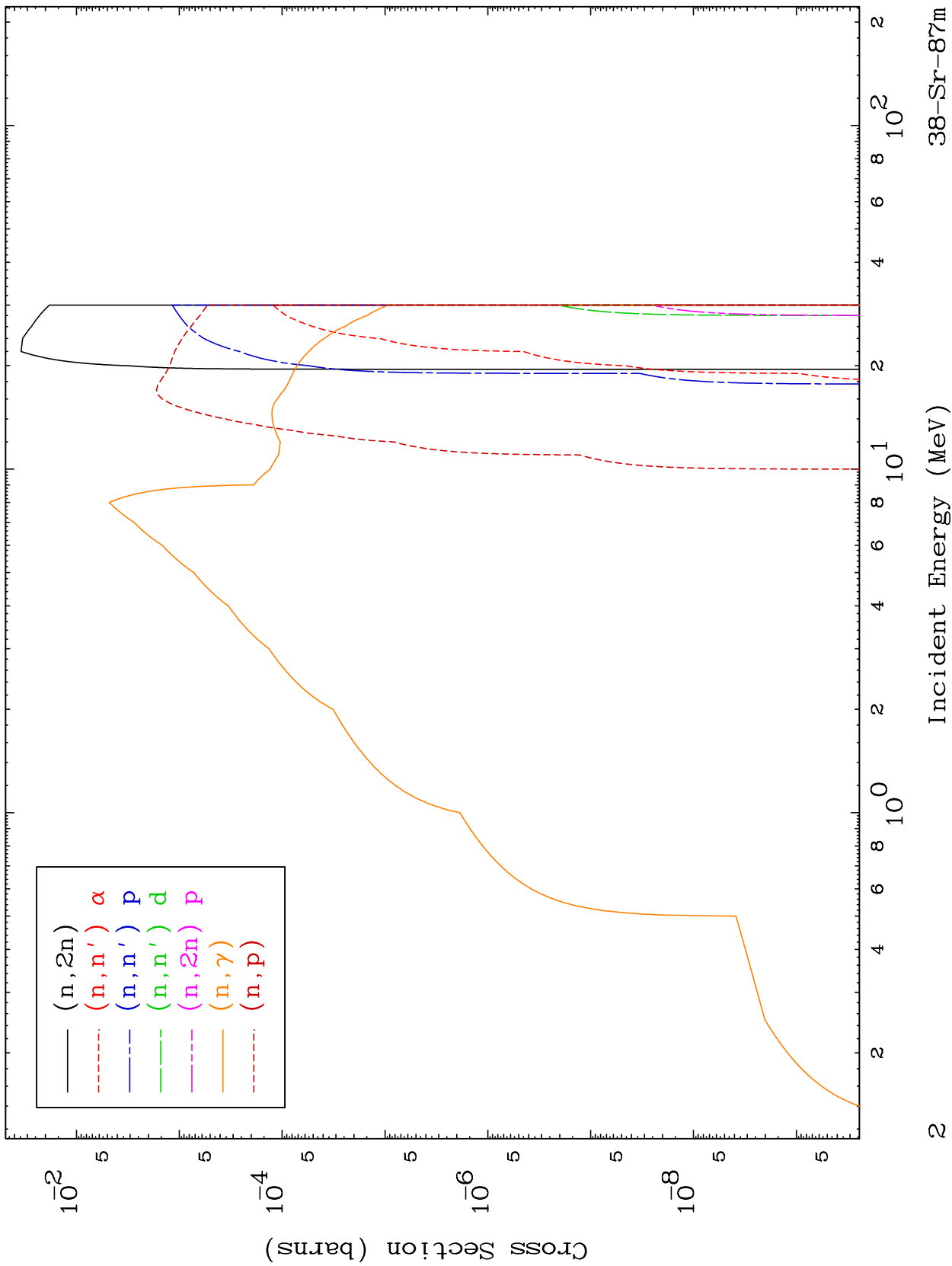
38-Sr-87m



MAT 3835

Photon Neutron Absorption
0 Kelvin Cross Sections

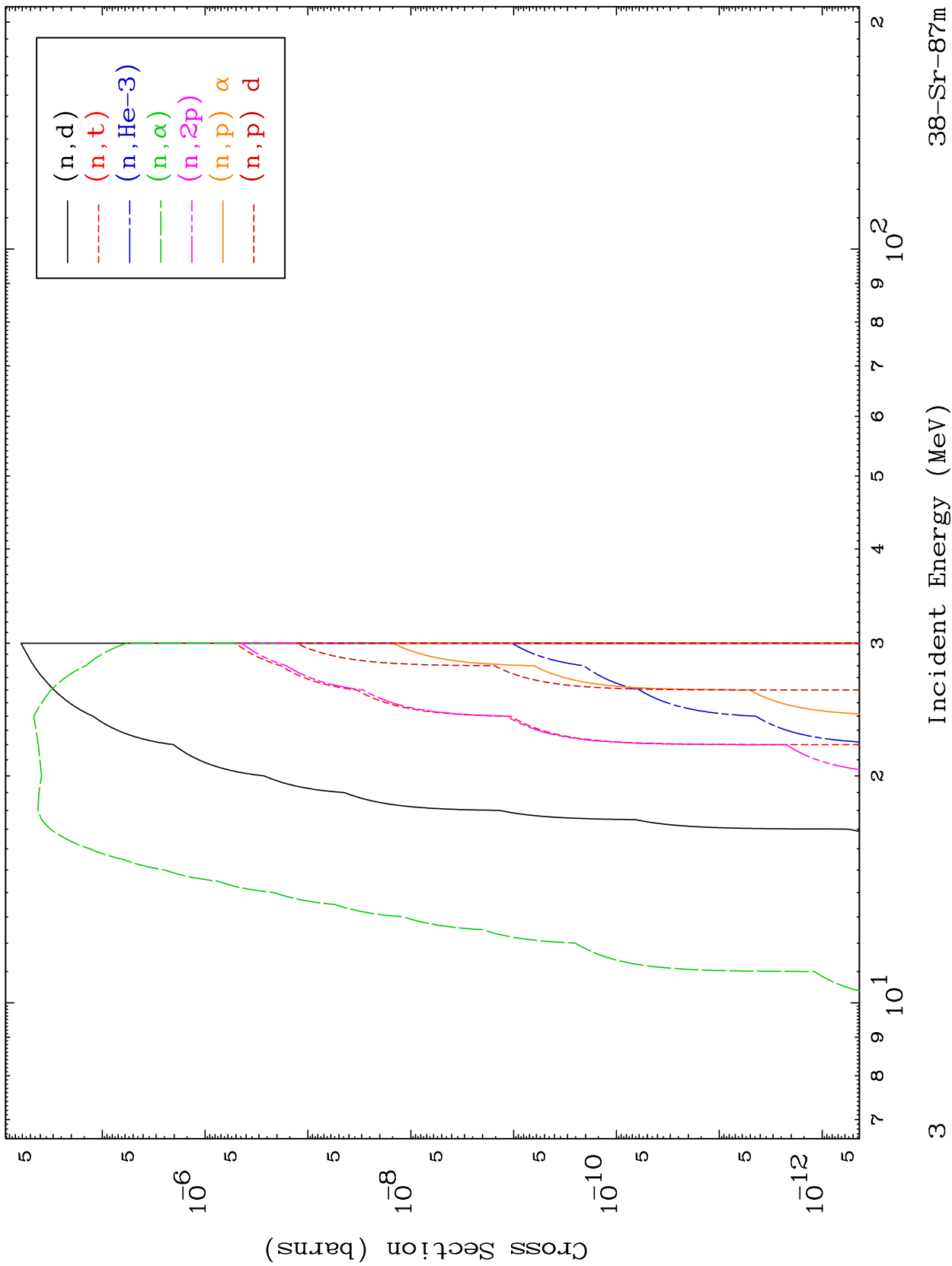
38-Sr-87m



MAT 3835

Photon Neutron Absorption
0 Kelvin Cross Sections

38-Sr-87m



38-Sr-87m

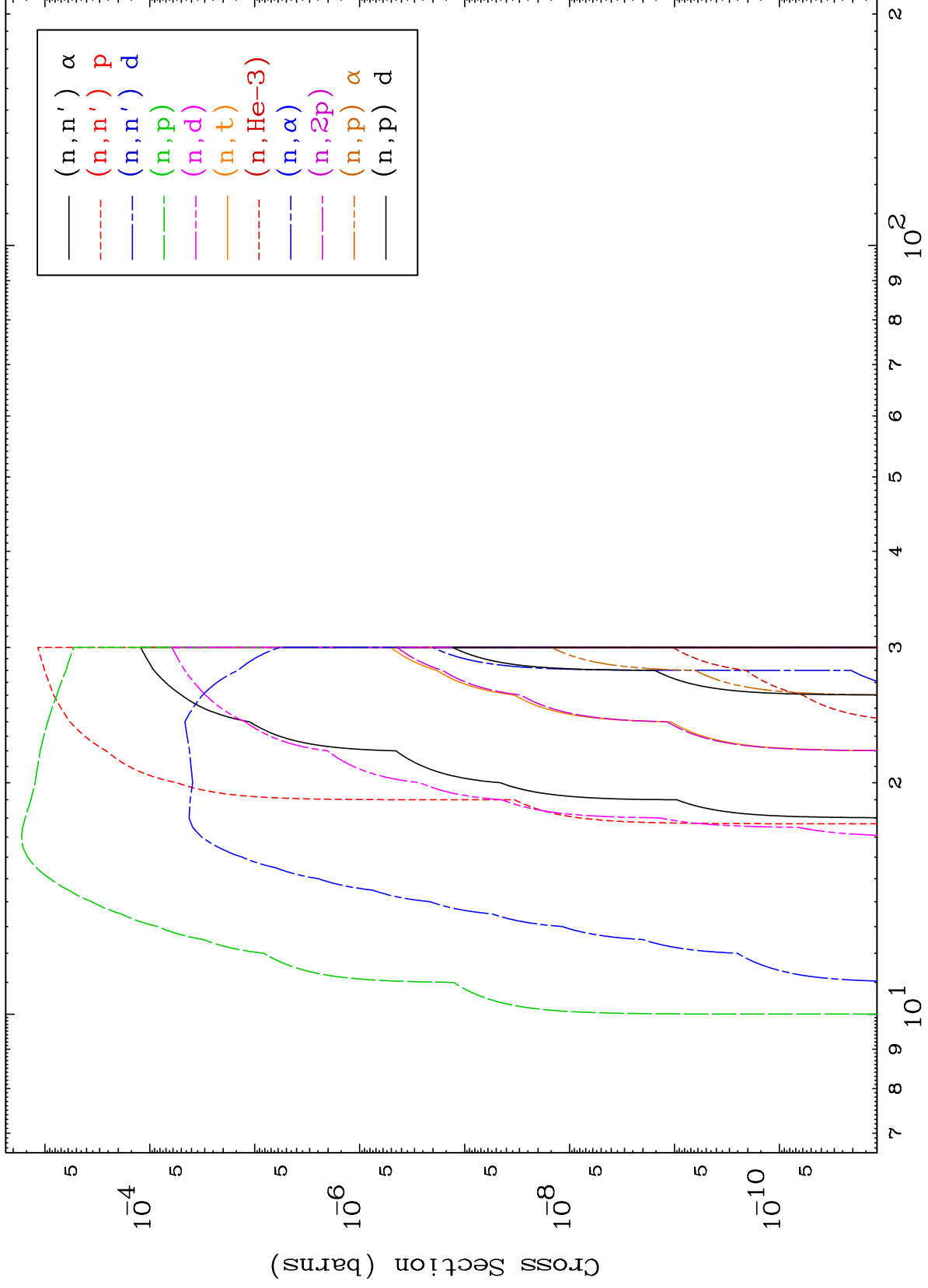
Incident Energy (MeV)

3

MAT 3835

Photon Charged Particle
0 Kelvin Cross Sections

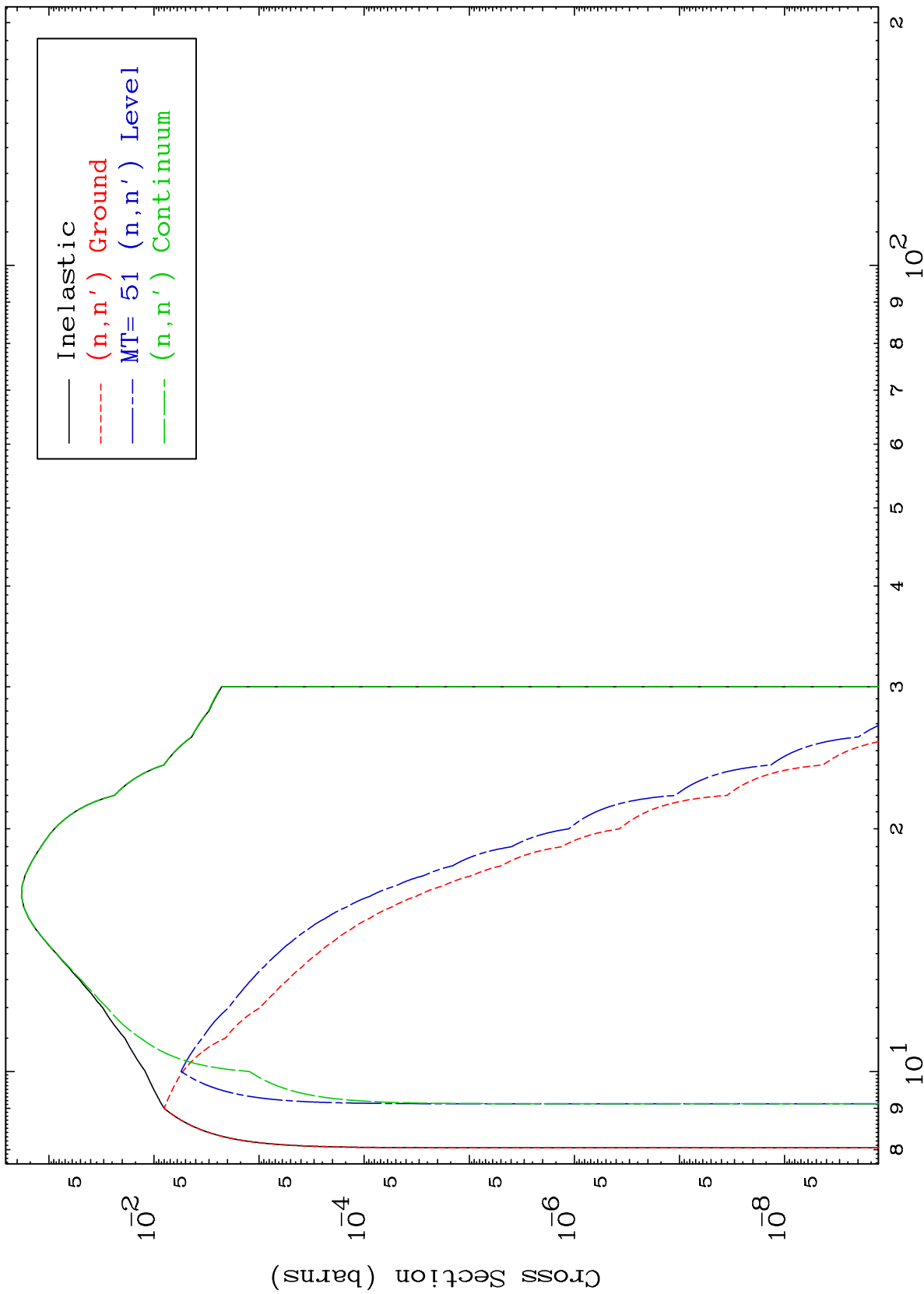
38-Sr-87m



MAT 3835

38-Sr-87m

(γ, n') Levels
0 Kelvin Cross Sections



38-Sr-87m

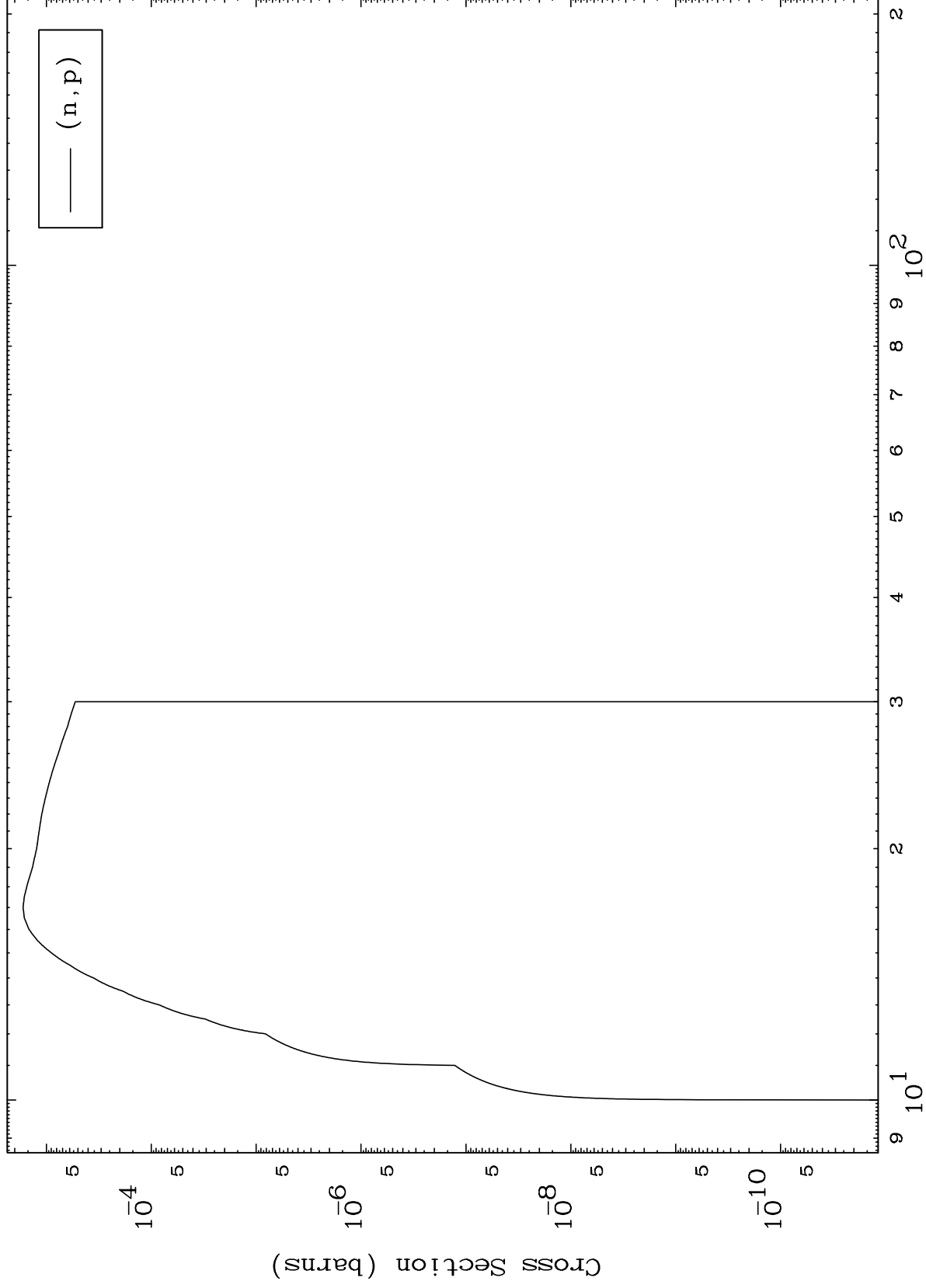
Incident Energy (MeV)

5

MAT 3835

(γ, p) Levels
0 Kelvin Cross Sections

$^{38}\text{Sr-87m}$



$^{38}\text{Sr-87m}$

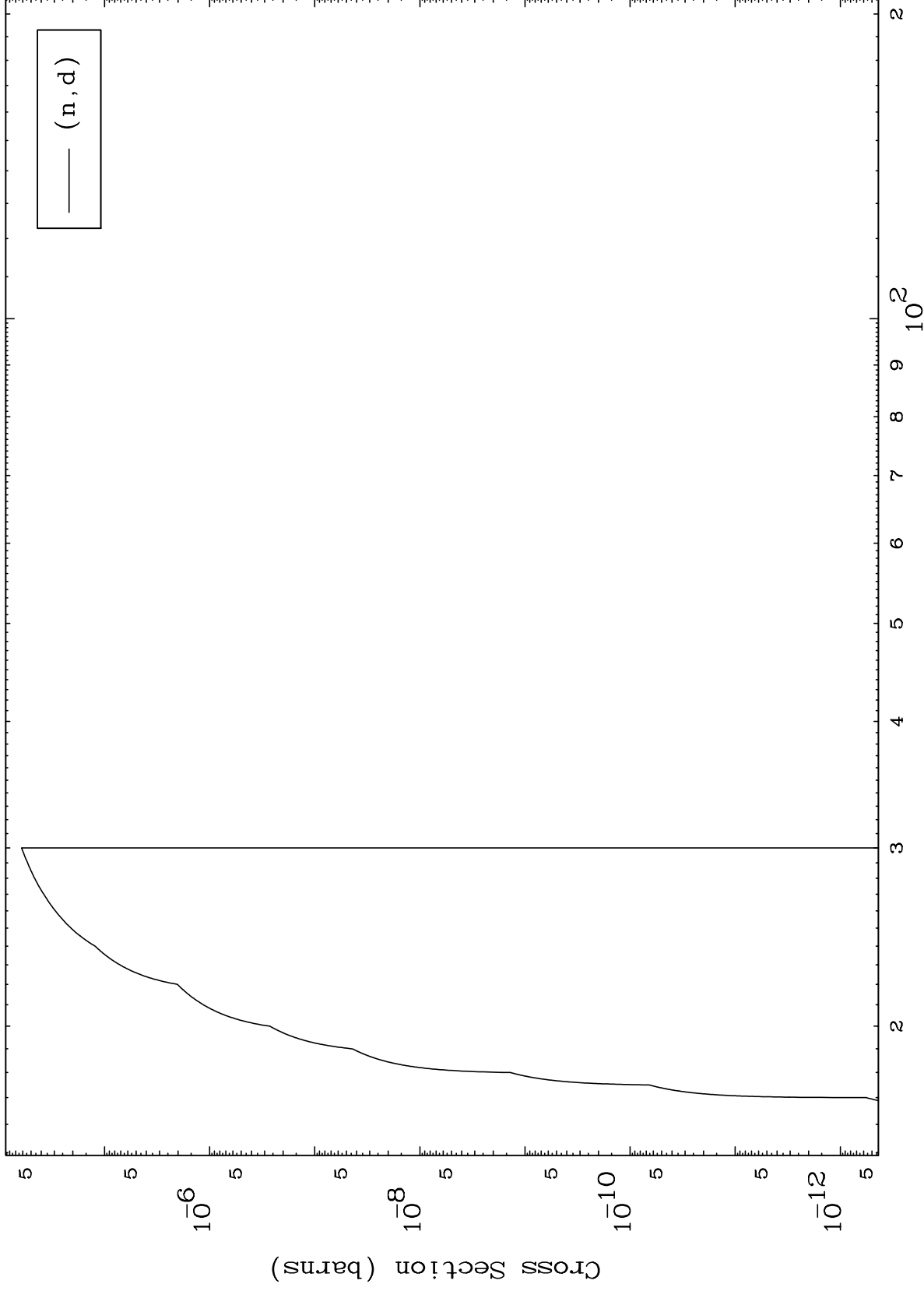
Incident Energy (MeV)

6

MAT 3835

(γ, d) Levels
0 Kelvin Cross Sections

38-Sr-87m



7

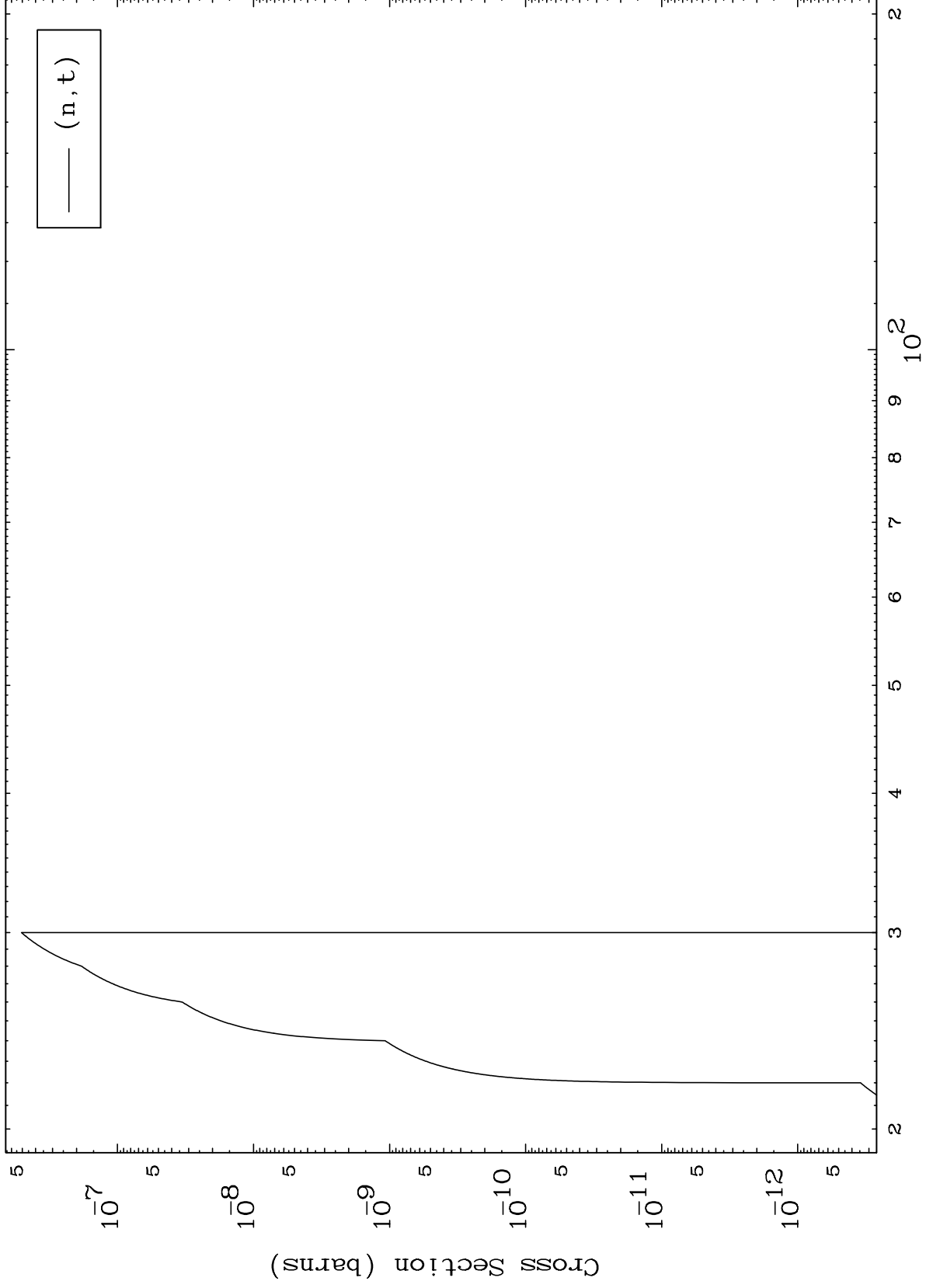
Incident Energy (MeV)

38-Sr-87m

MAT 3835

(γ, t) Levels
0 Kelvin Cross Sections

38-Sr-87m



8

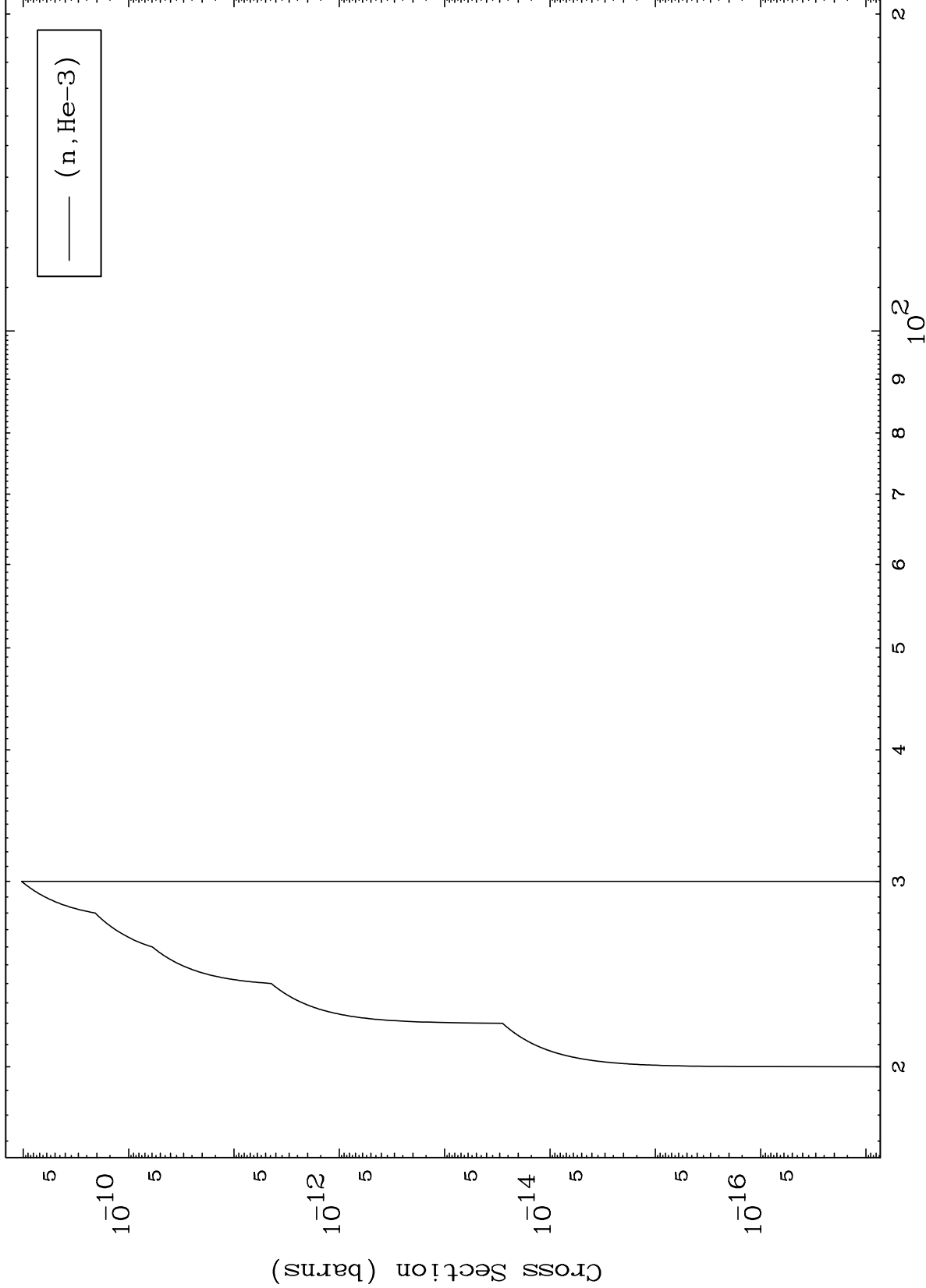
Incident Energy (MeV)

38-Sr-87m

MAT 3835

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

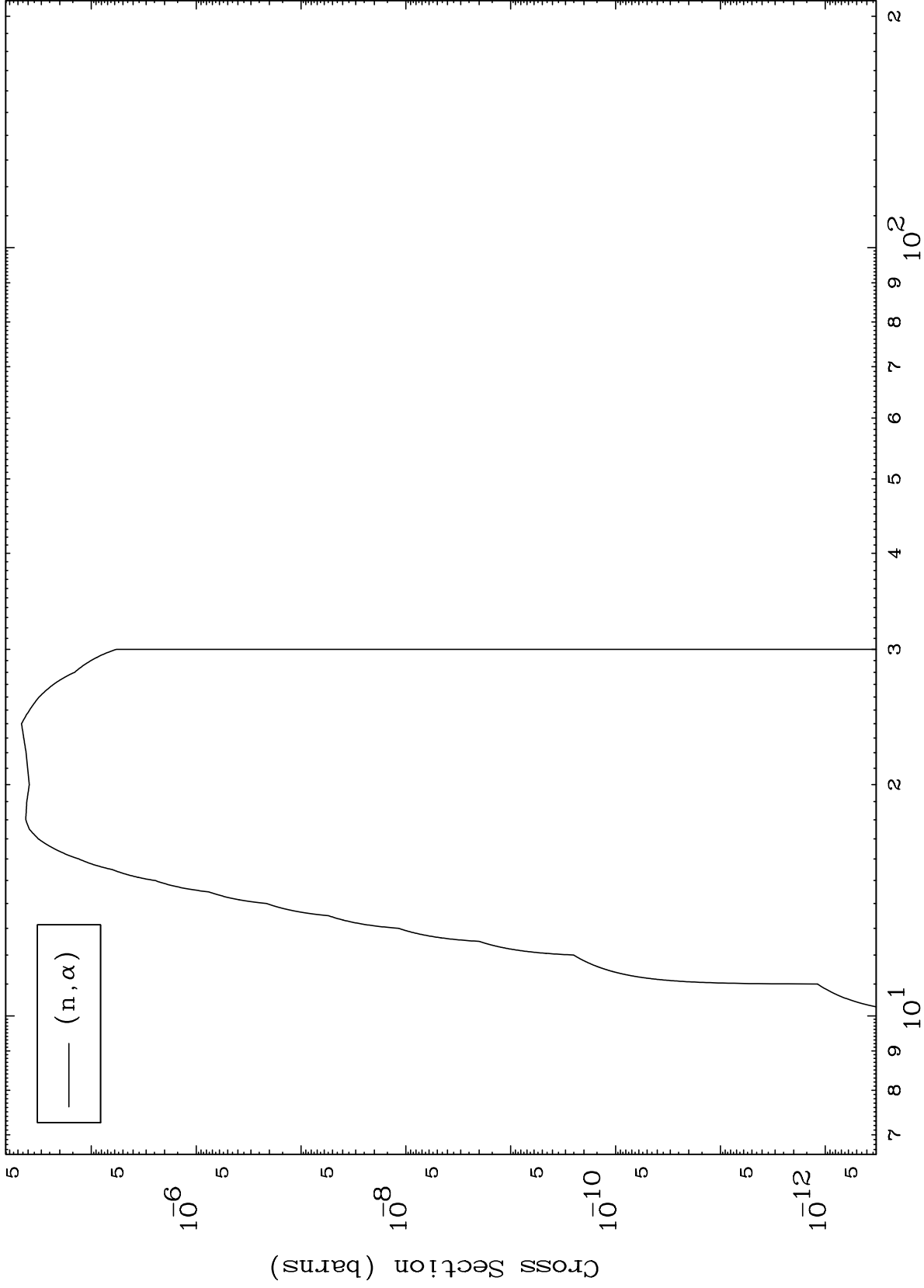
38-Sr-87m



MAT 3835

(γ, α) Levels
0 Kelvin Cross Sections

38-Sr-87m



10

Incident Energy (MeV)

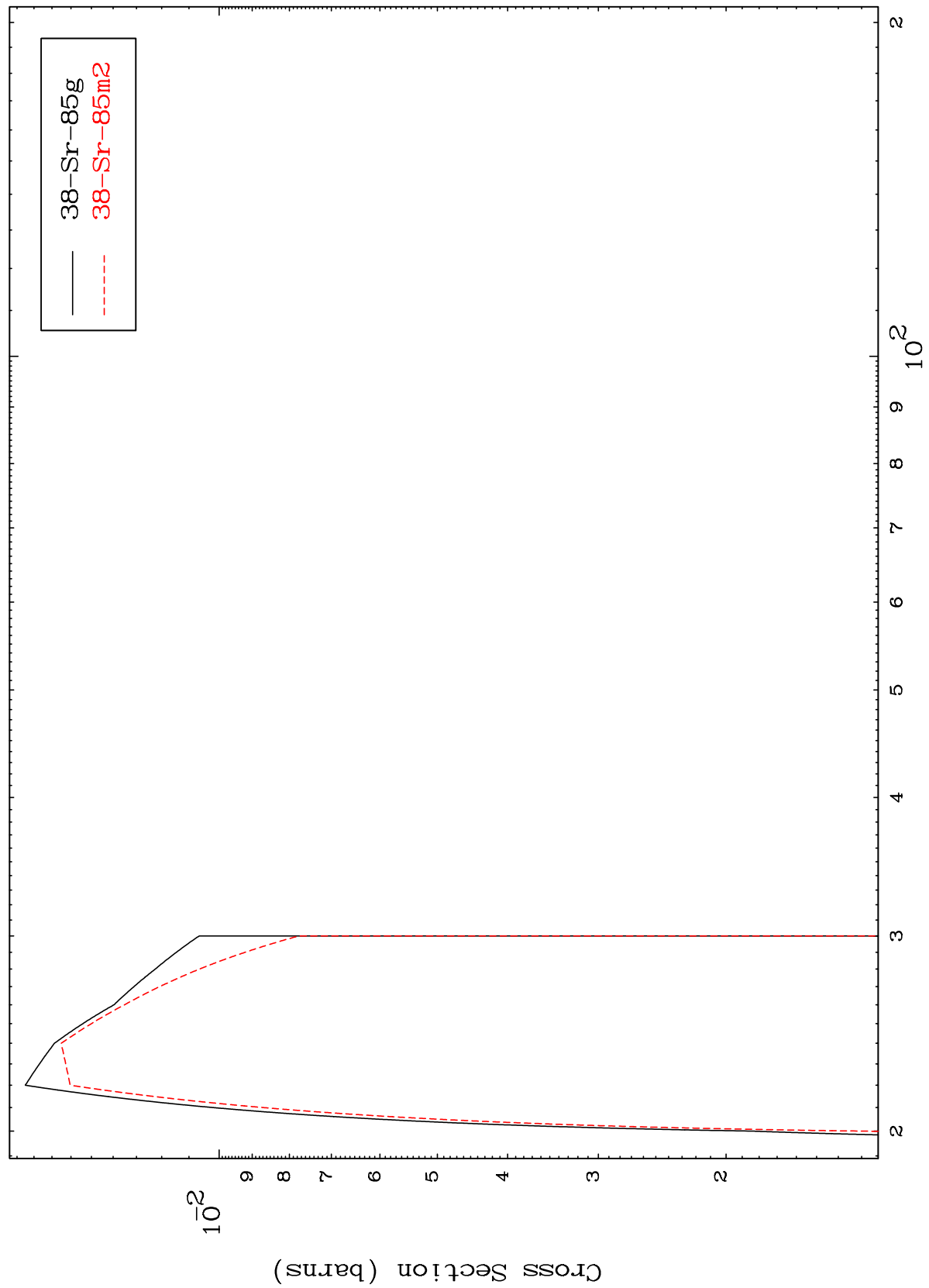
38-Sr-87m

MAT 3835

(n,2n)

38-Sr-87m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

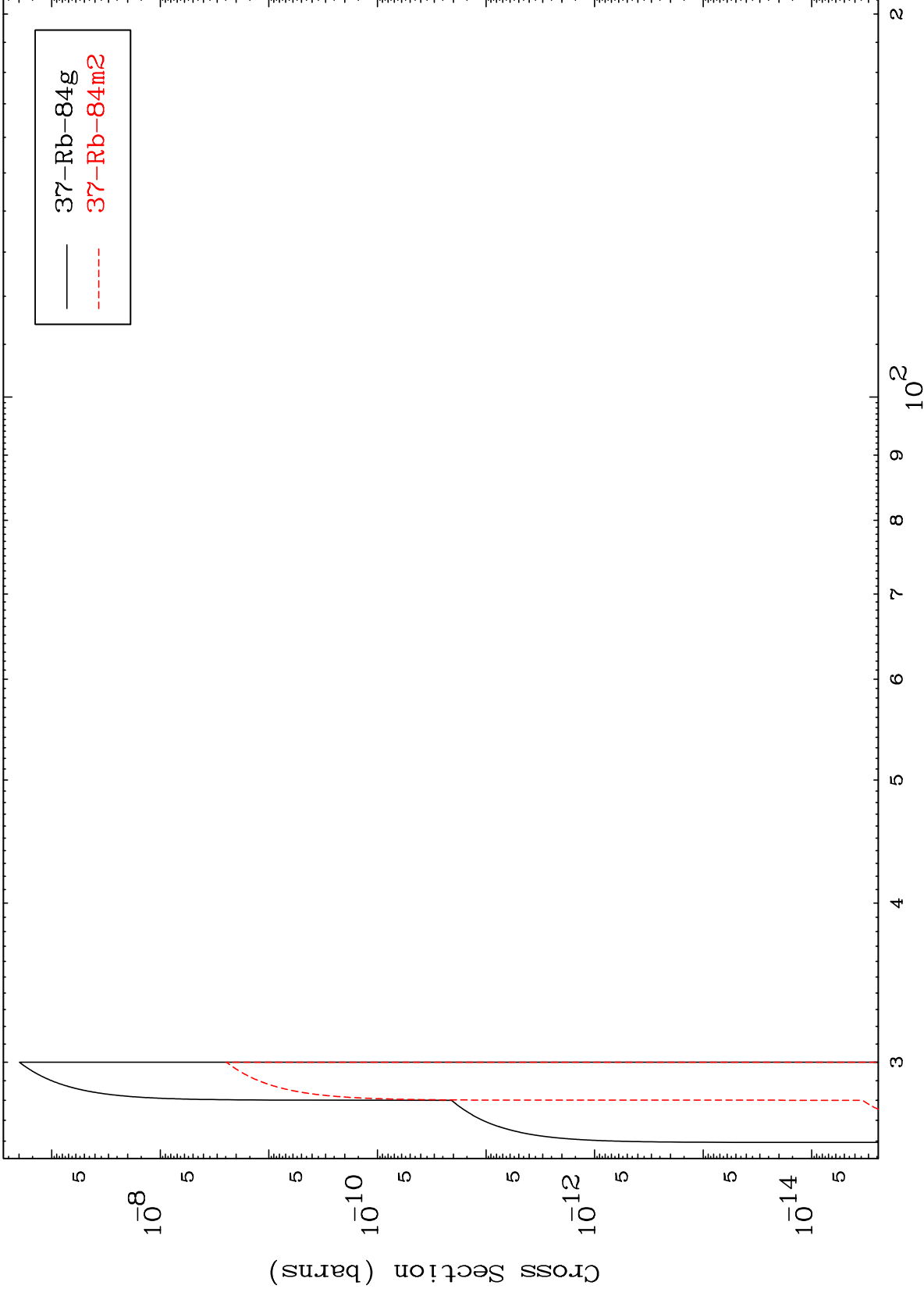
38-Sr-87m

MAT 3835

(n,n') d

38-Sr-87m

Radionuclide Production Cross Section



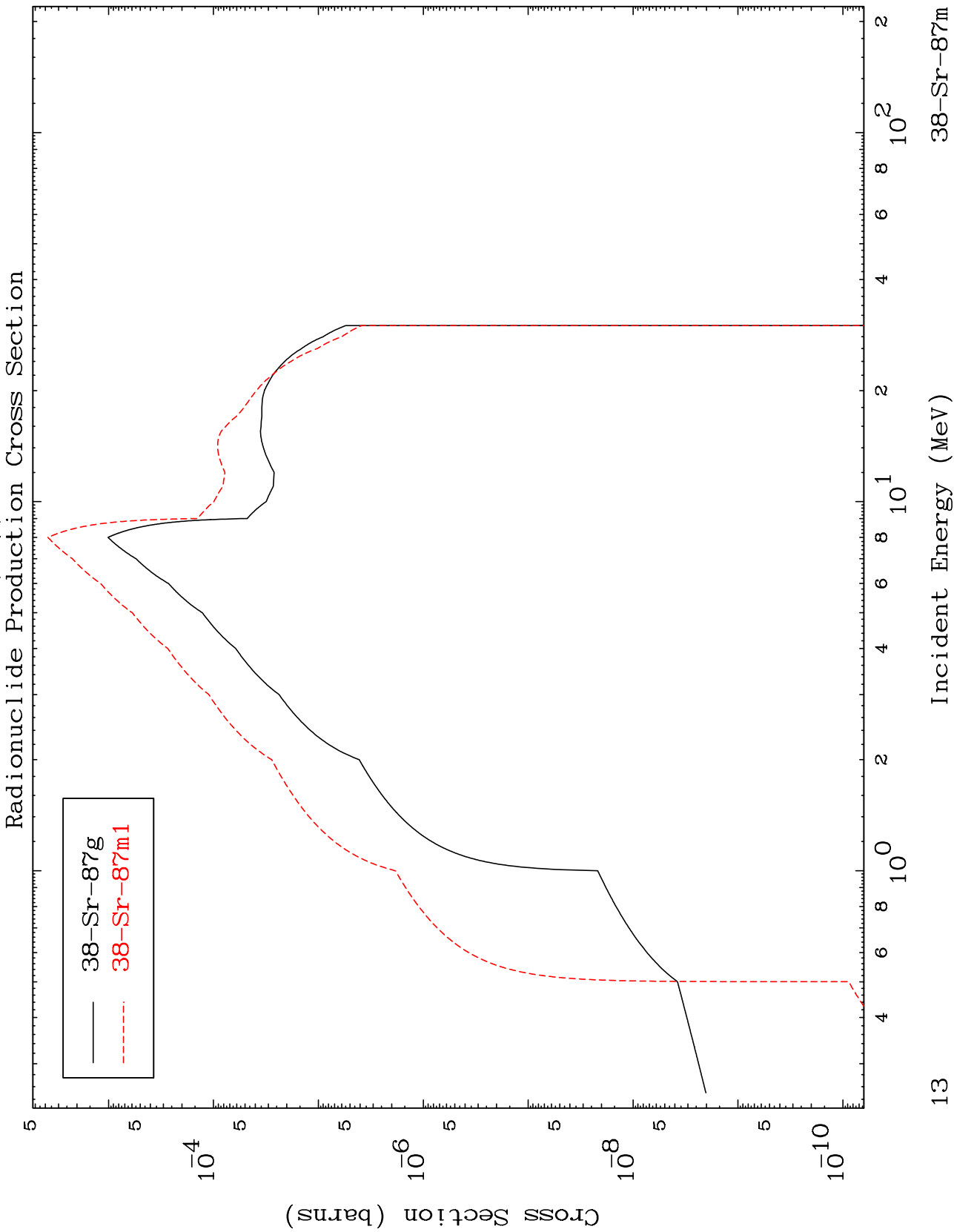
12

Incident Energy (MeV)

38-Sr-87m

MAT 3835

³⁸Sr-⁸⁷m

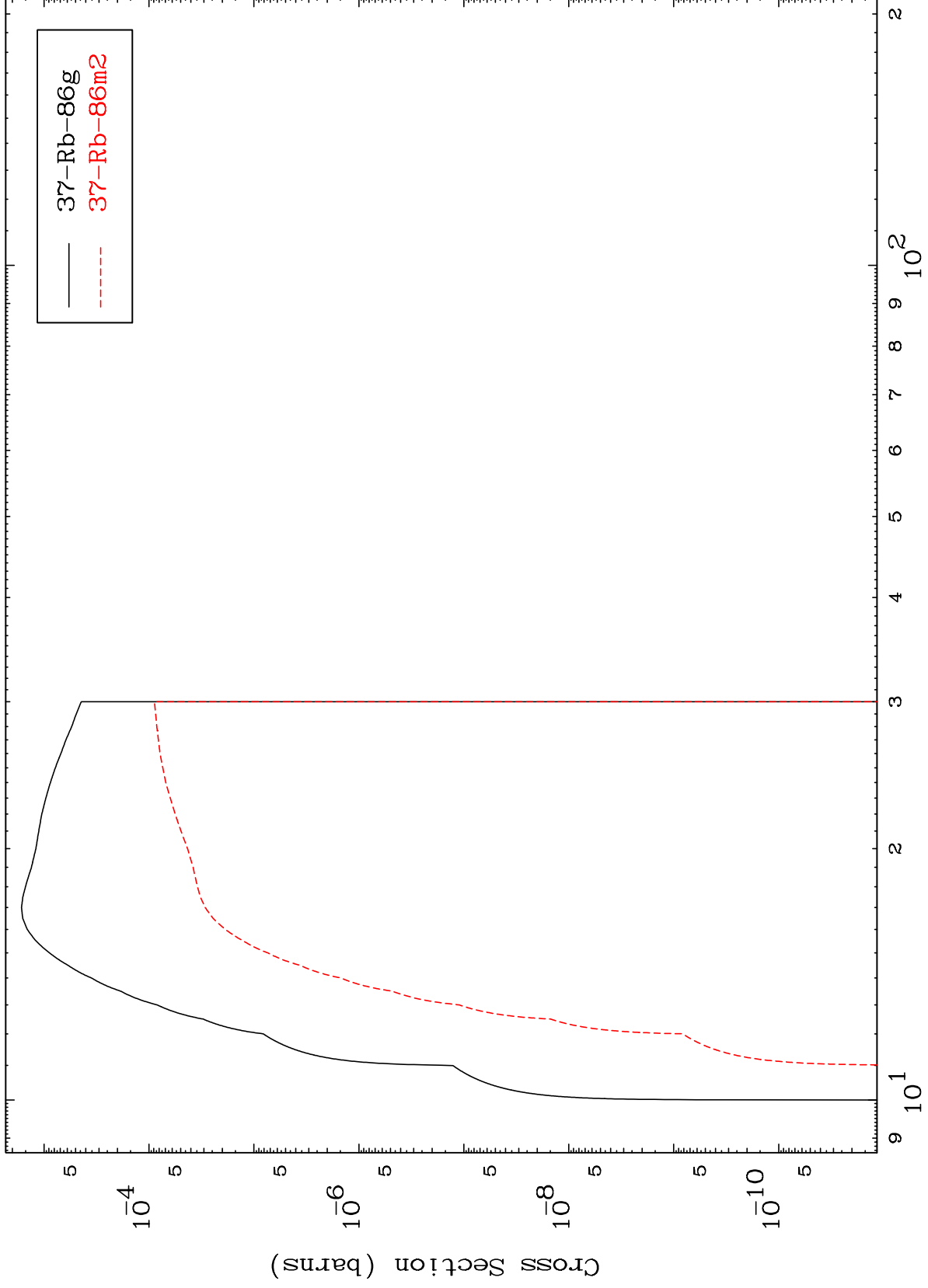


MAT 3835

(n,p)

38-Sr-87m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

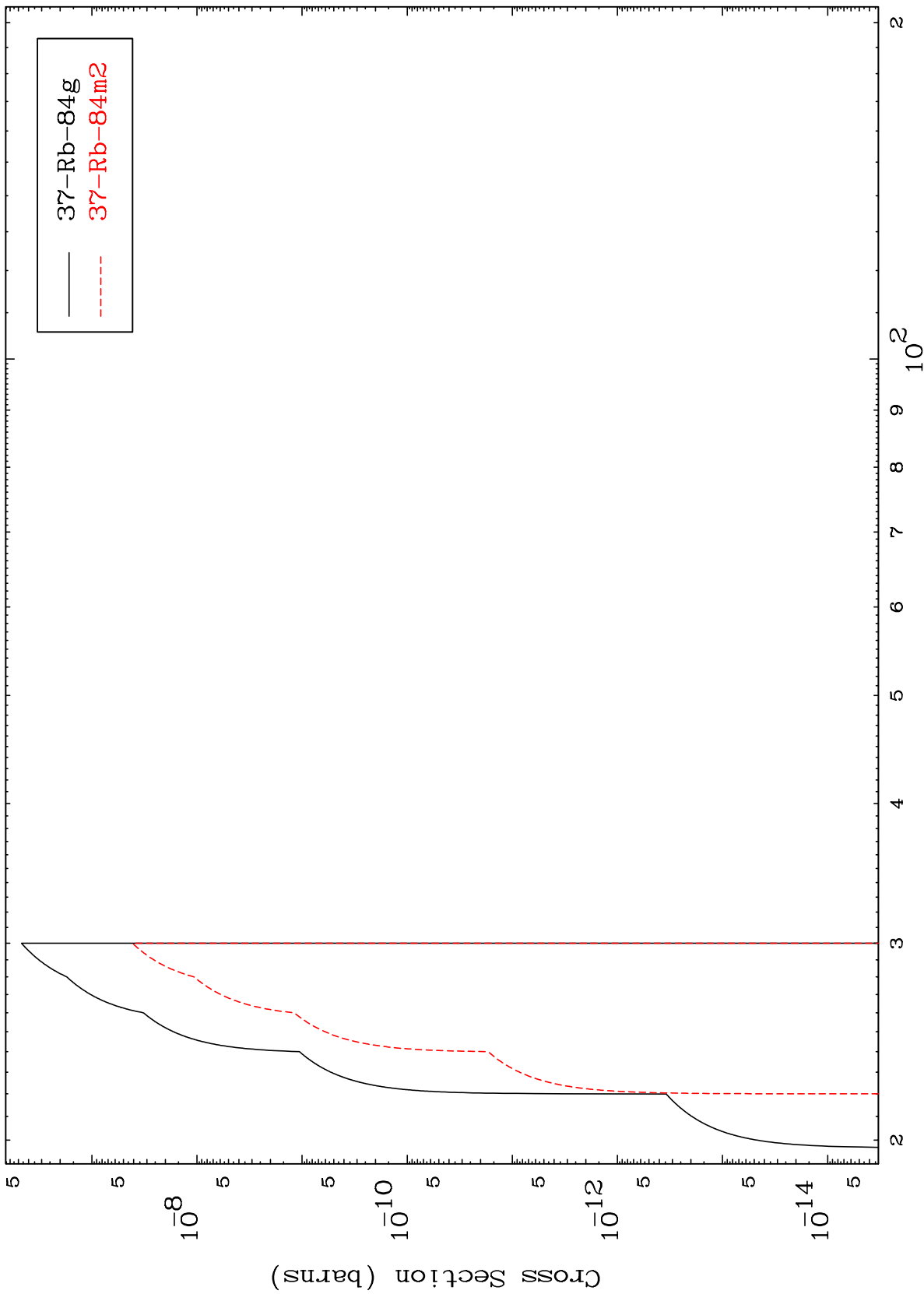
38-Sr-87m

MAT 3835

(n,t)

38-Sr-87m

Radionuclide Production Cross Section



15

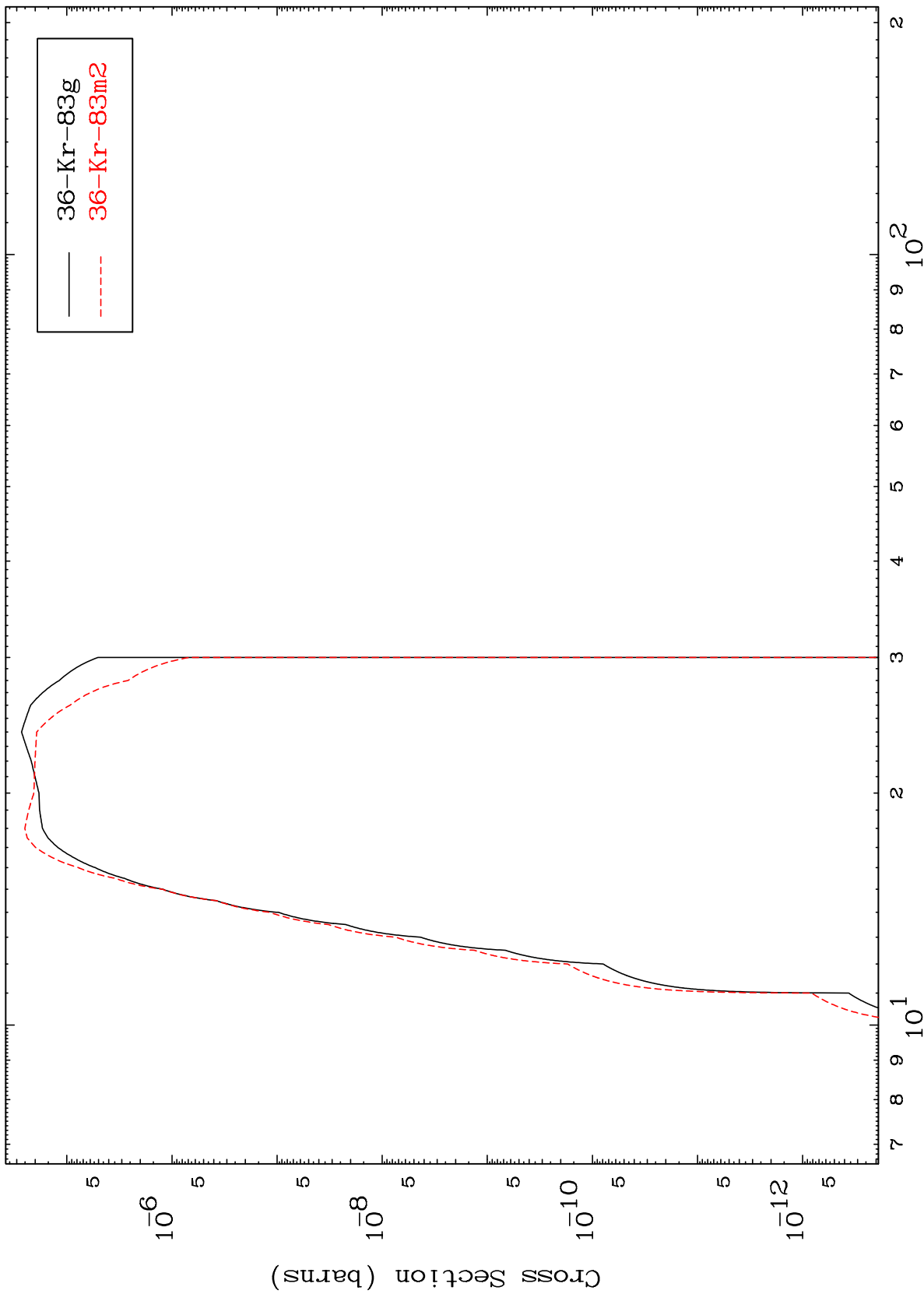
Incident Energy (MeV)

38-Sr-87m

MAT 3835

38-Sr-87m

(n,α)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

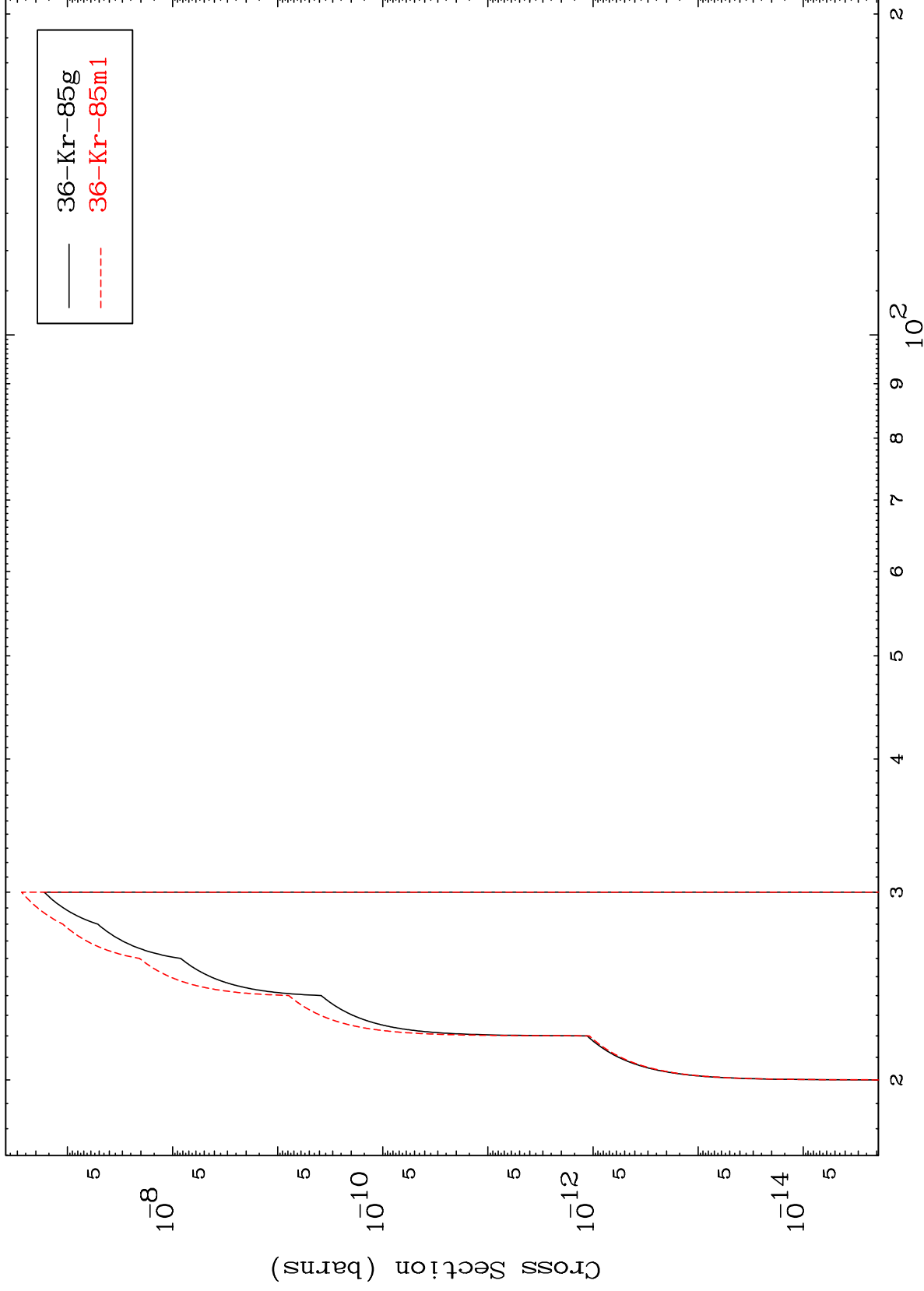
38-Sr-87m

MAT 3835

(n,2p)

38-Sr-87m

Radionuclide Production Cross Section



17

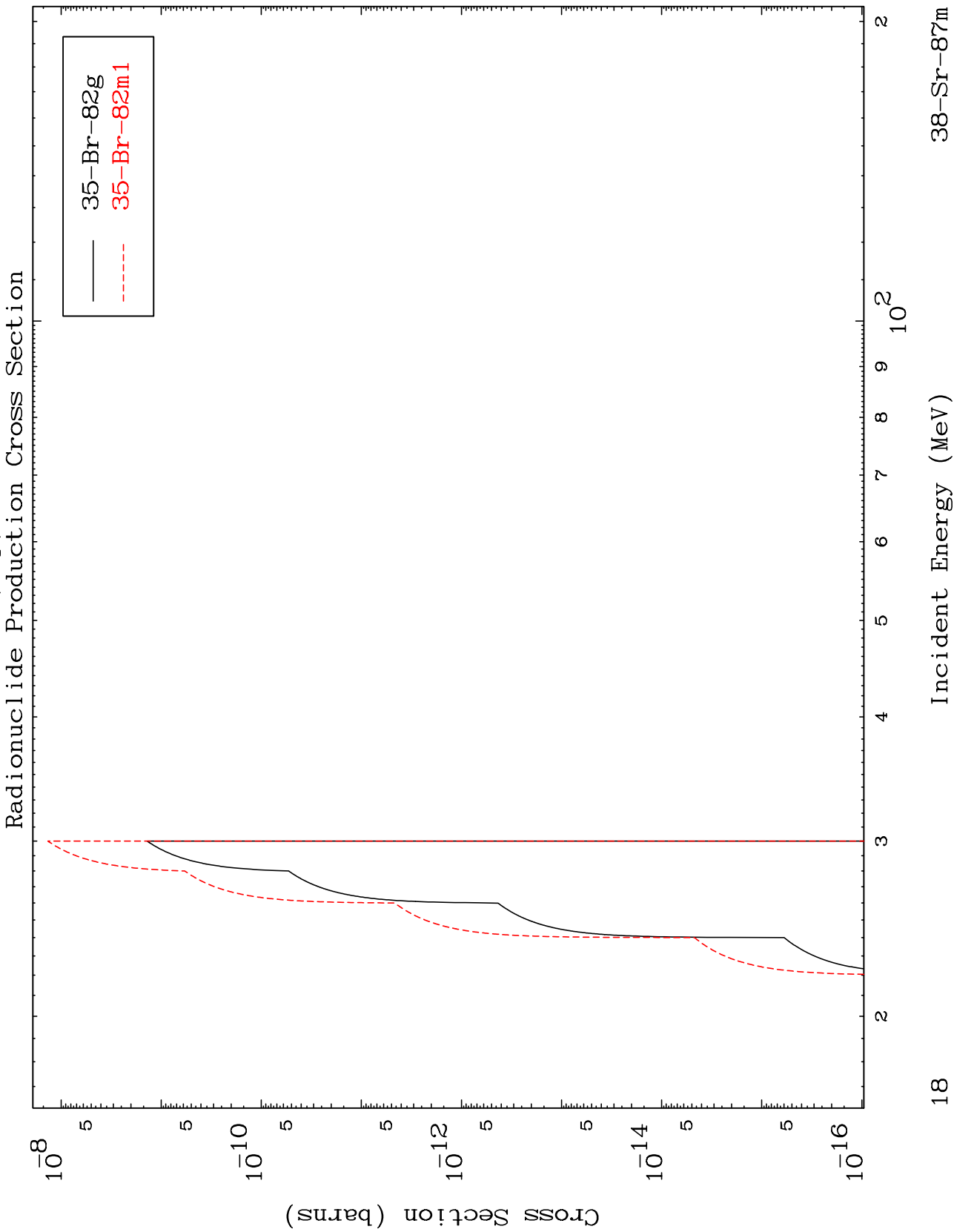
Incident Energy (MeV)

38-Sr-87m

MAT 3835

(n,p) α

38-Sr-87m



18

38-Sr-87m

38-Sr-87m