

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

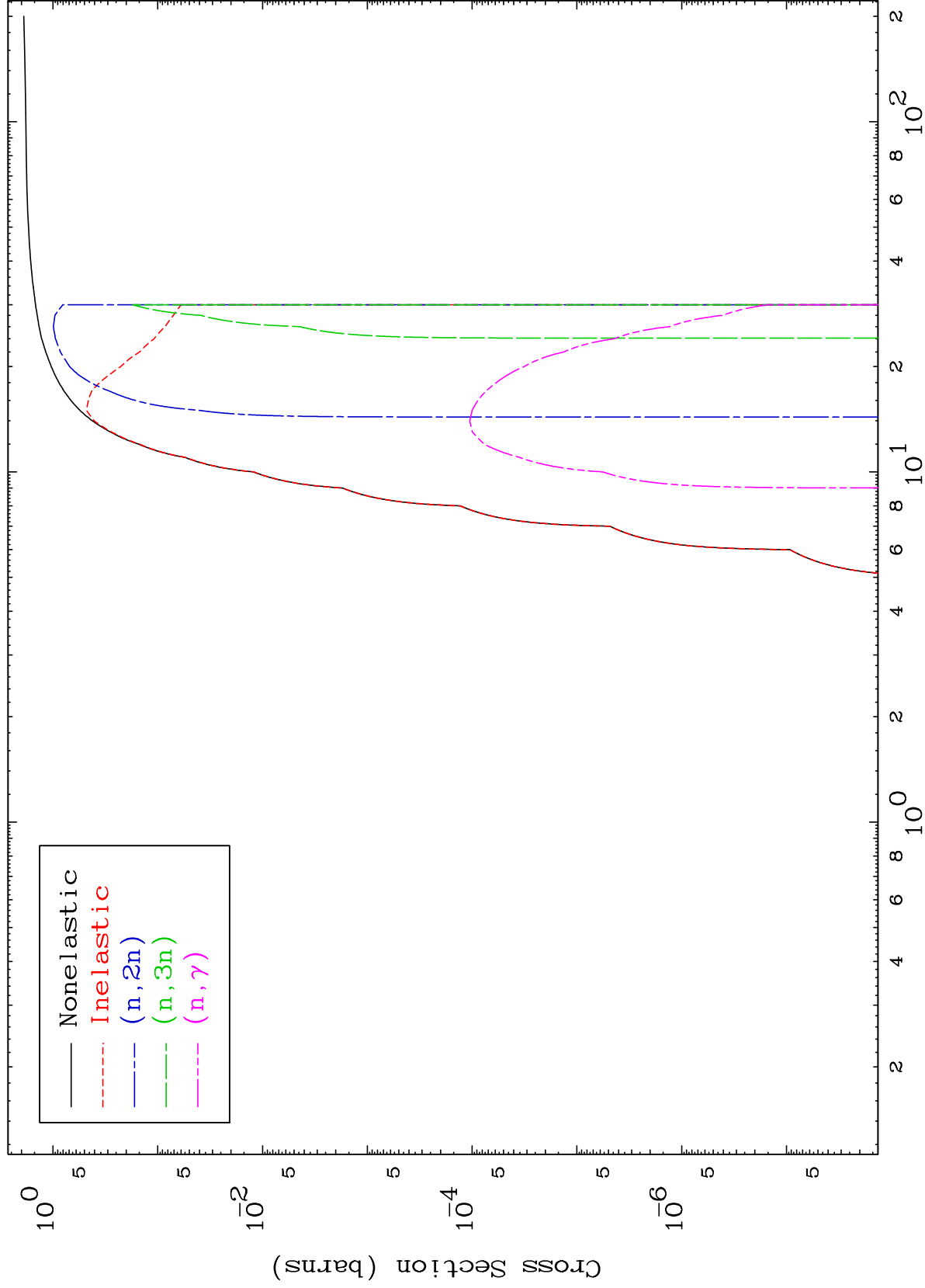
Press Mouse Button to Start

MAT 3834

α Major

38-Sr-87

0 Kelvin Cross Sections



1

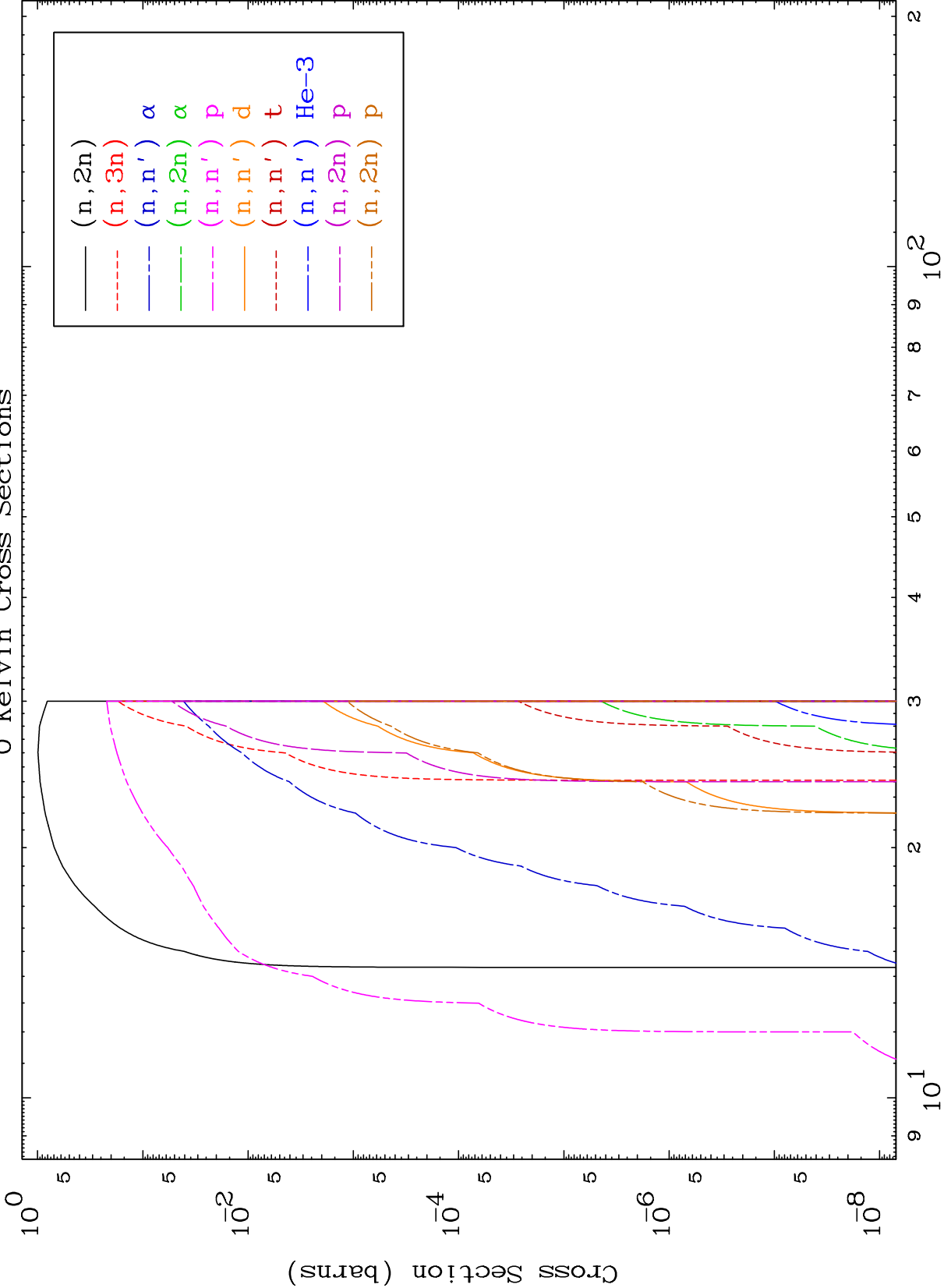
Incident Energy (MeV)

38-Sr-87

MAT 3834

α Neutron Absorption
0 Kelvin Cross Sections

38-Sr-87

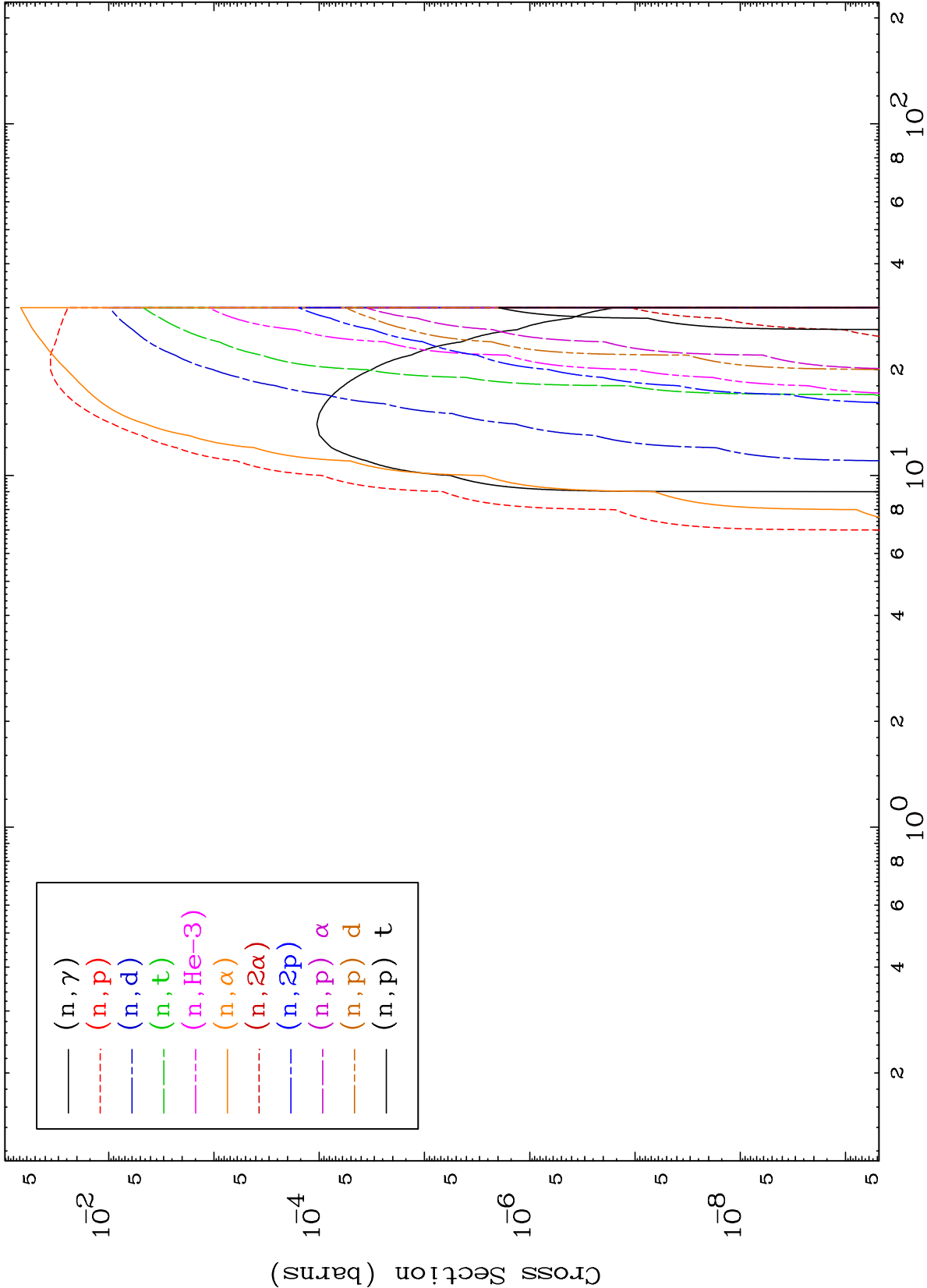


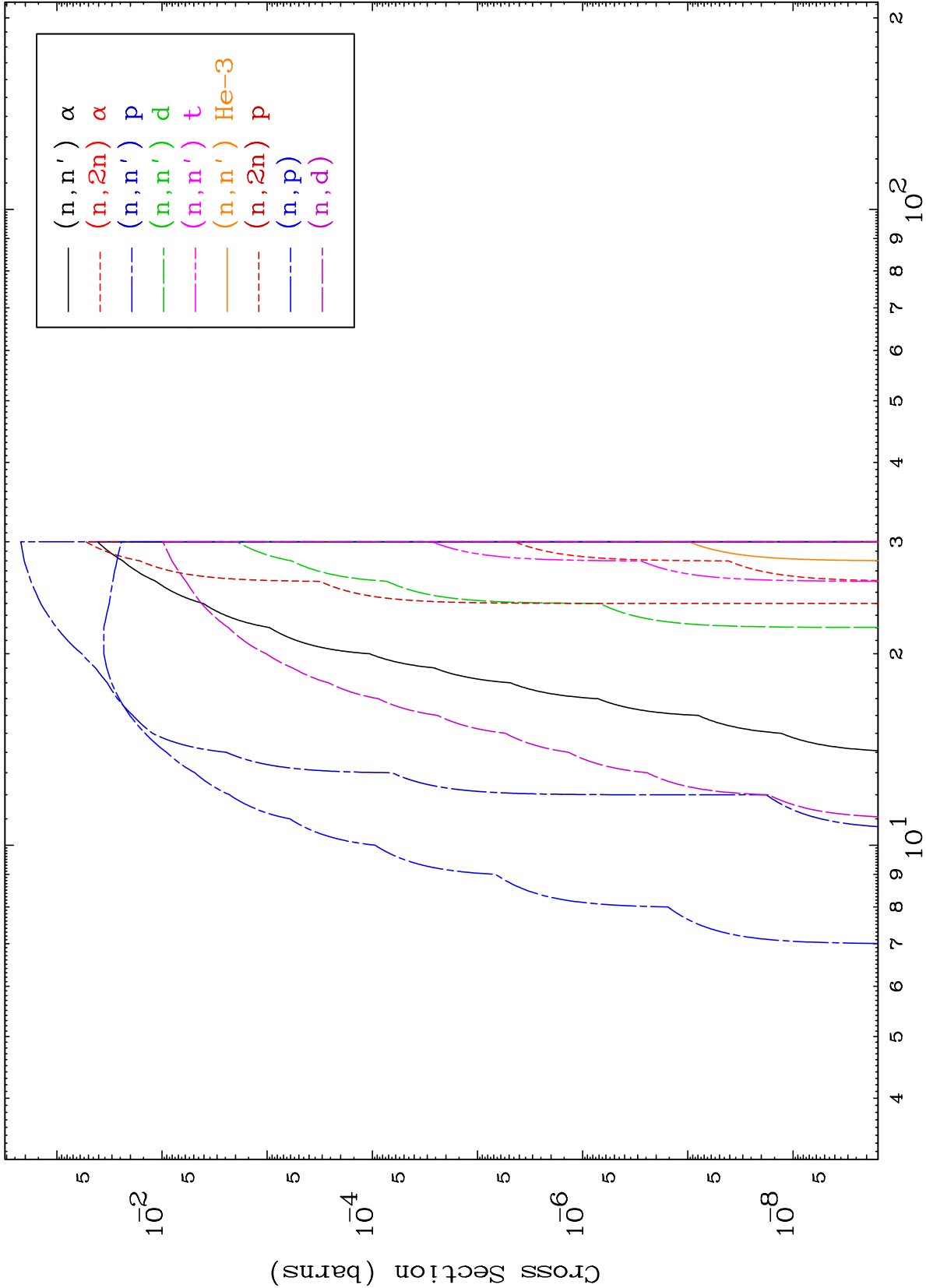
2

Incident Energy (MeV)

38-Sr-87

0 Kelvin Cross Sections



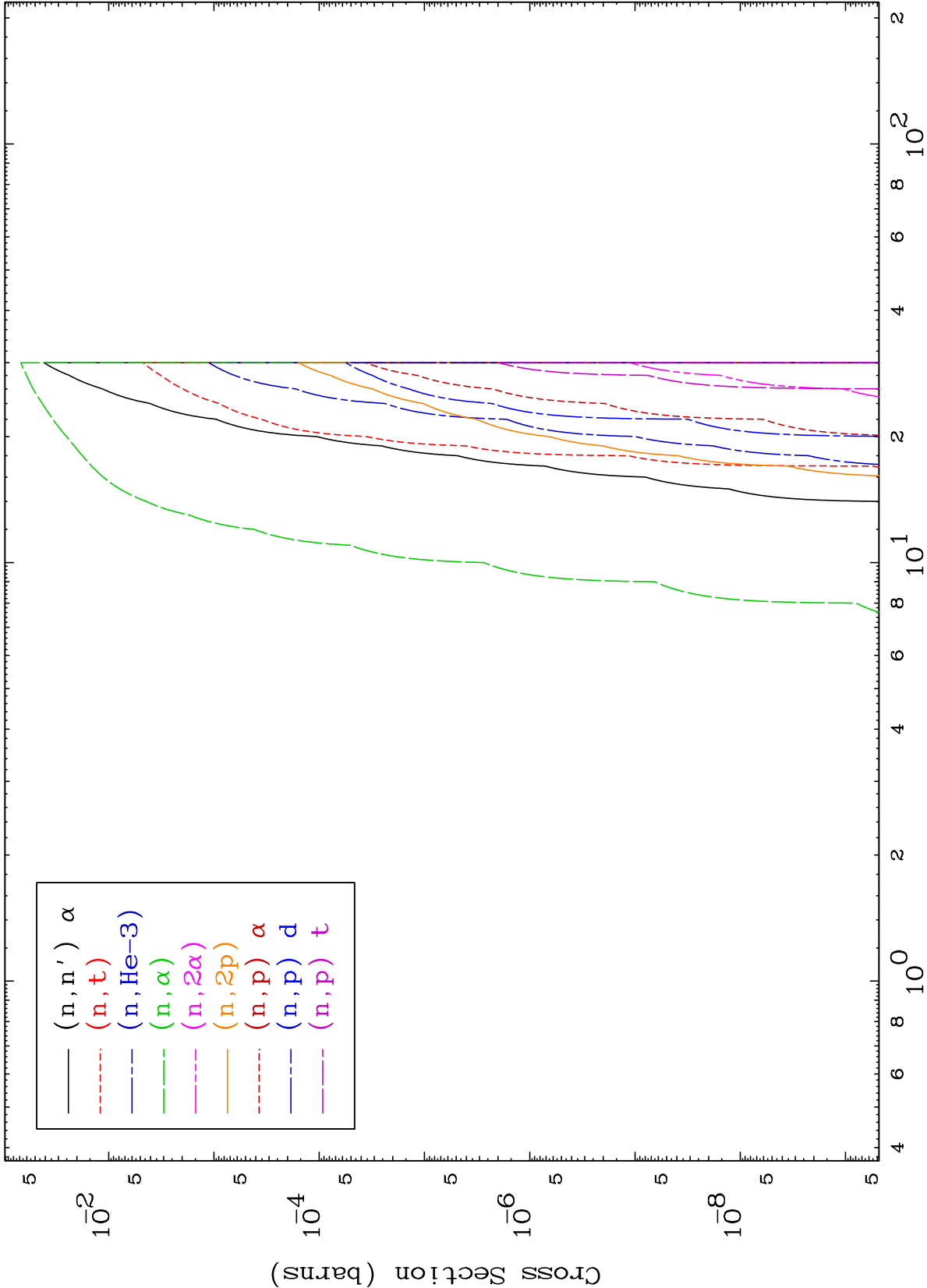


MAT 3834

α Charged Particle

38-Sr-87

0 Kelvin Cross Sections



Incident Energy (MeV)

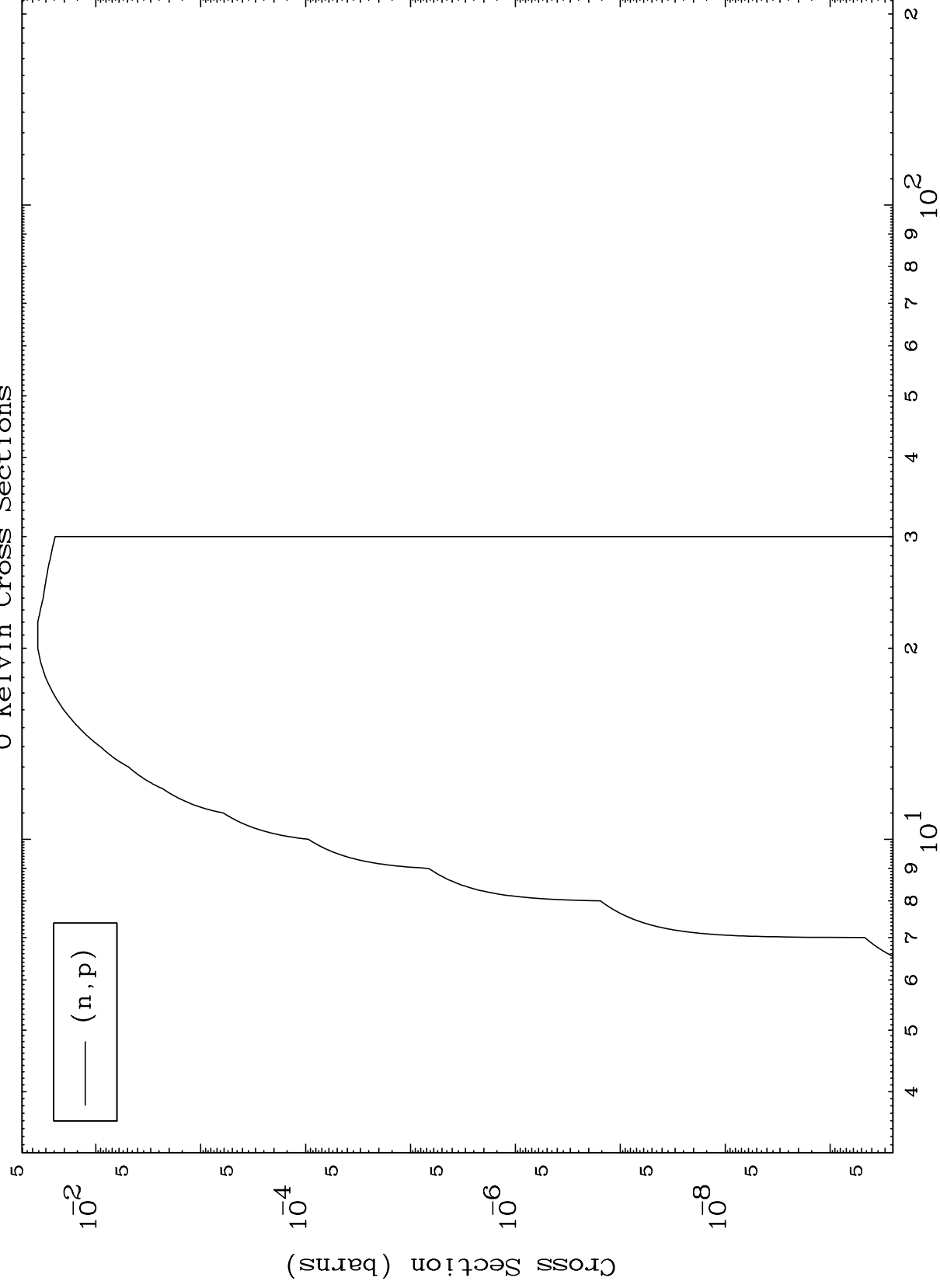
38-Sr-87

MAT 3834

(α, p) Levels

38-Sr-87

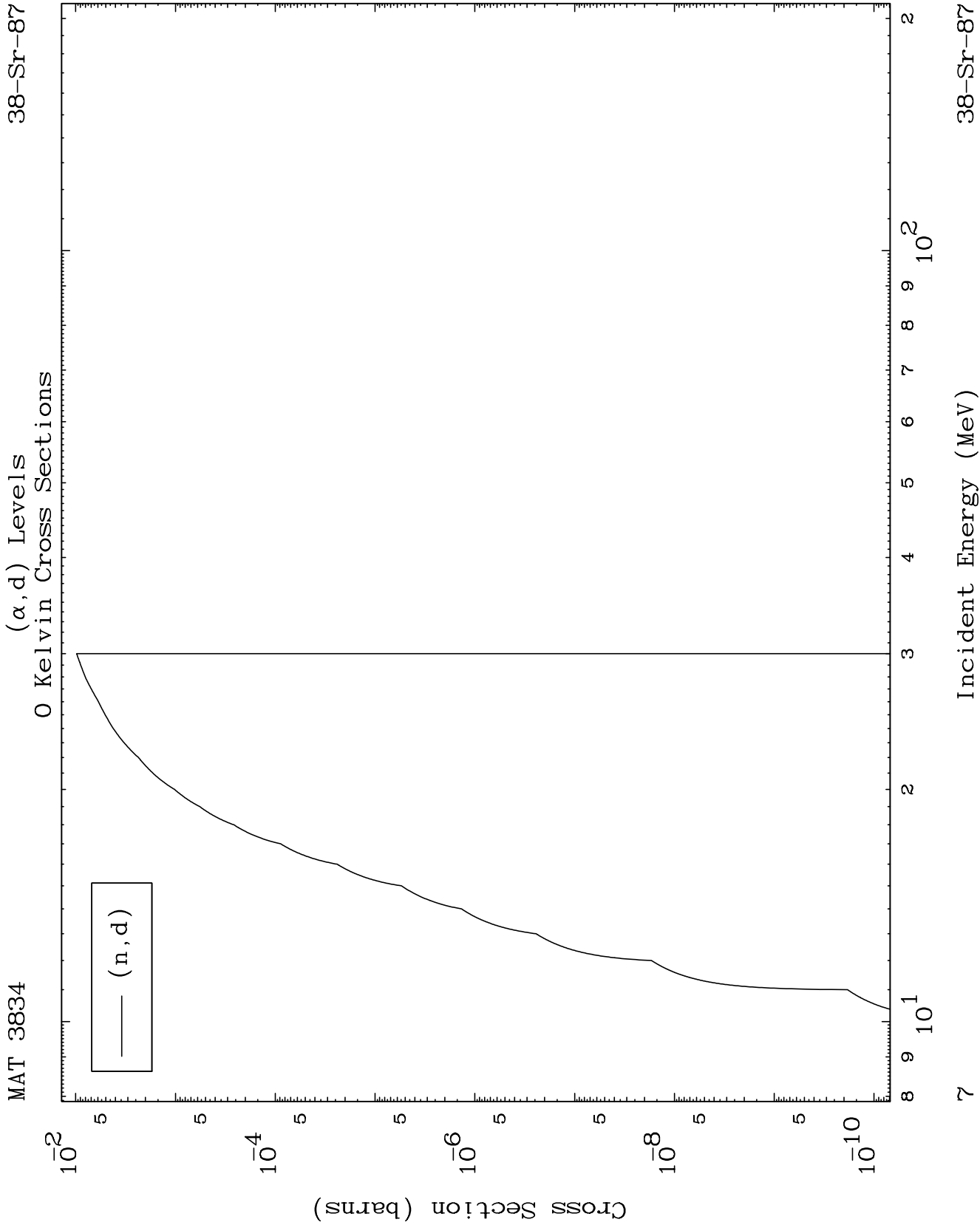
0 Kelvin Cross Sections

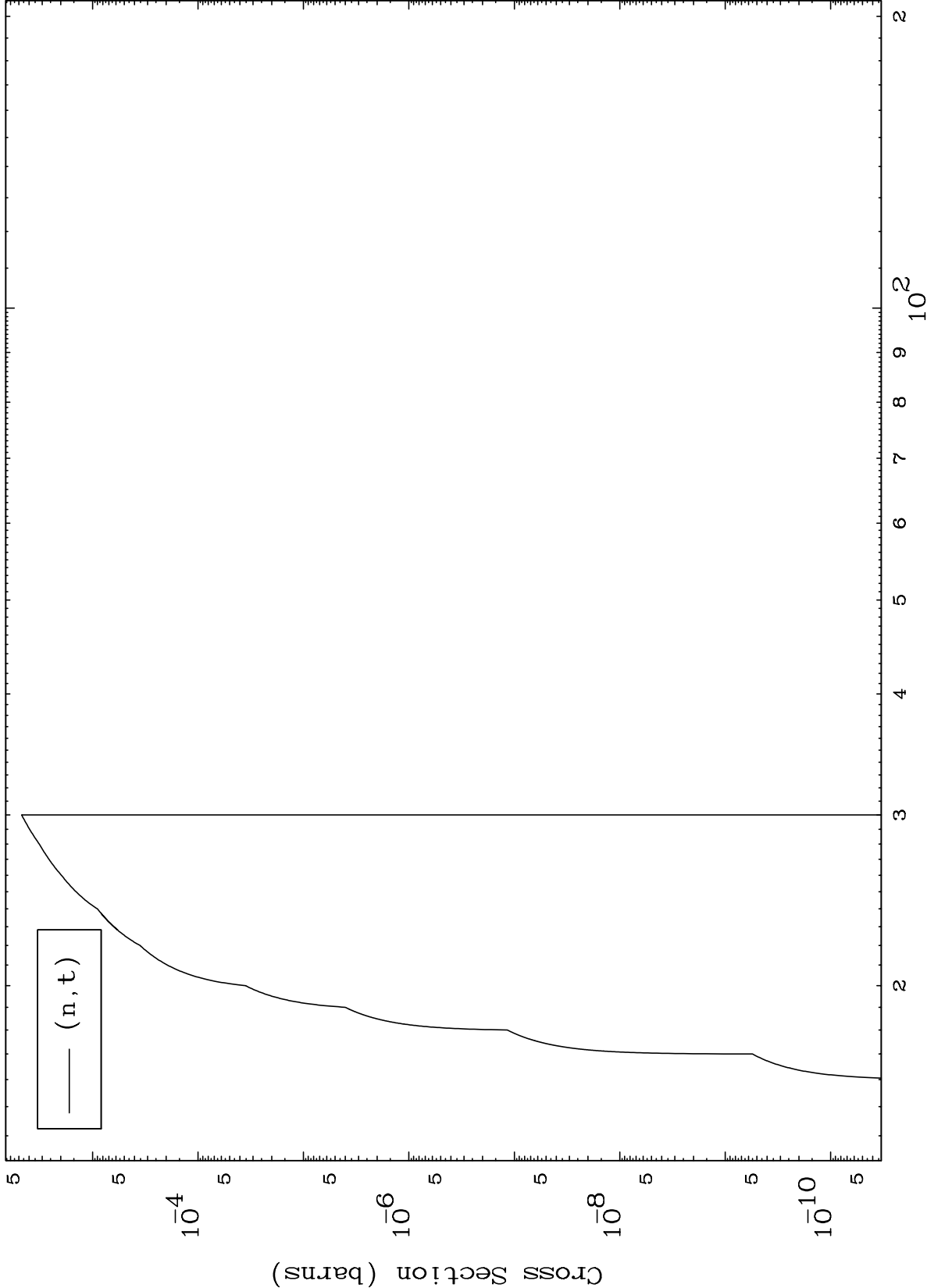


Incident Energy (MeV)

38-Sr-87

6



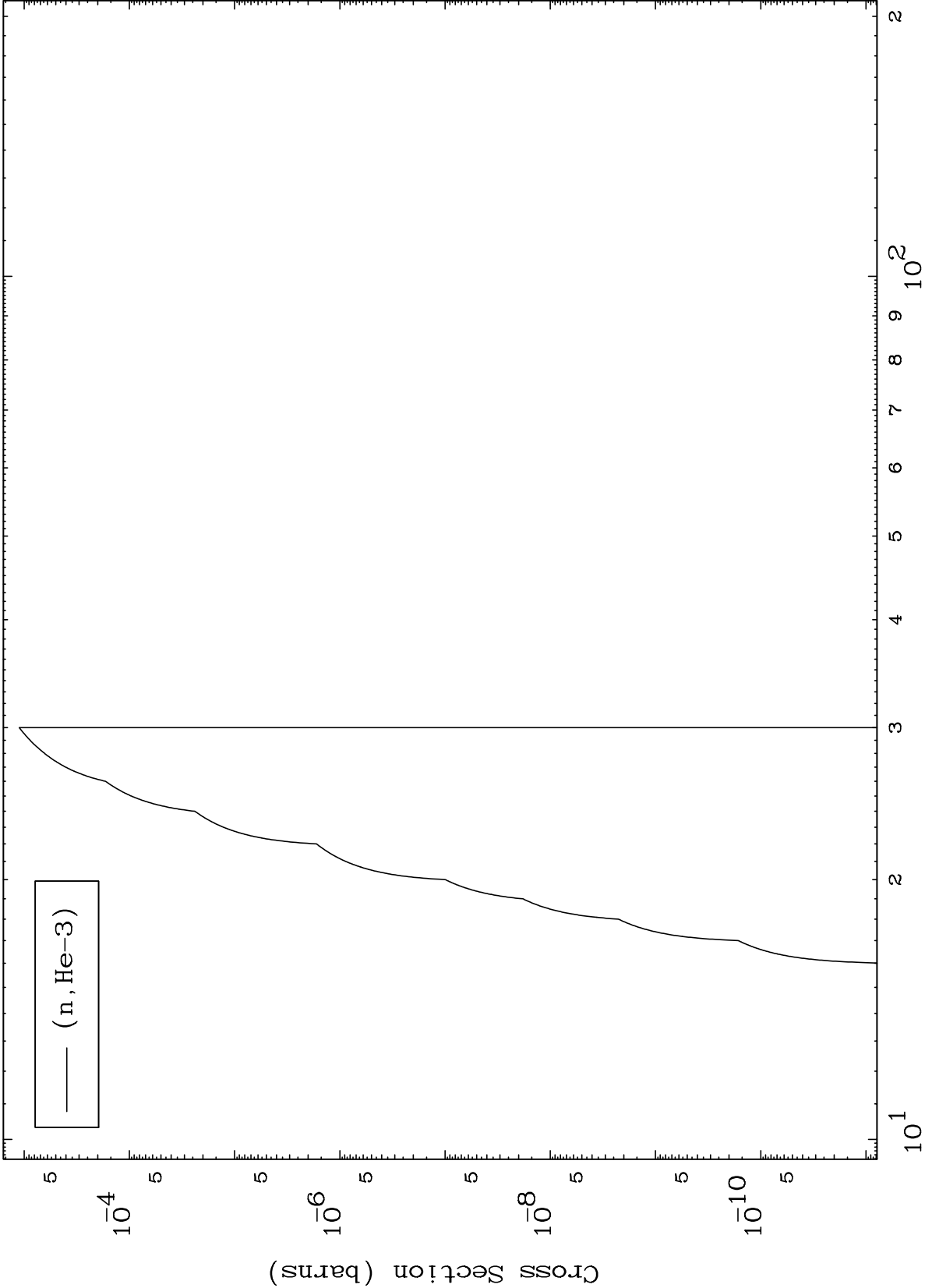


MAT 3834

(α ,He3) Levels

38-Sr-87

0 Kelvin Cross Sections



— (n, He-3)

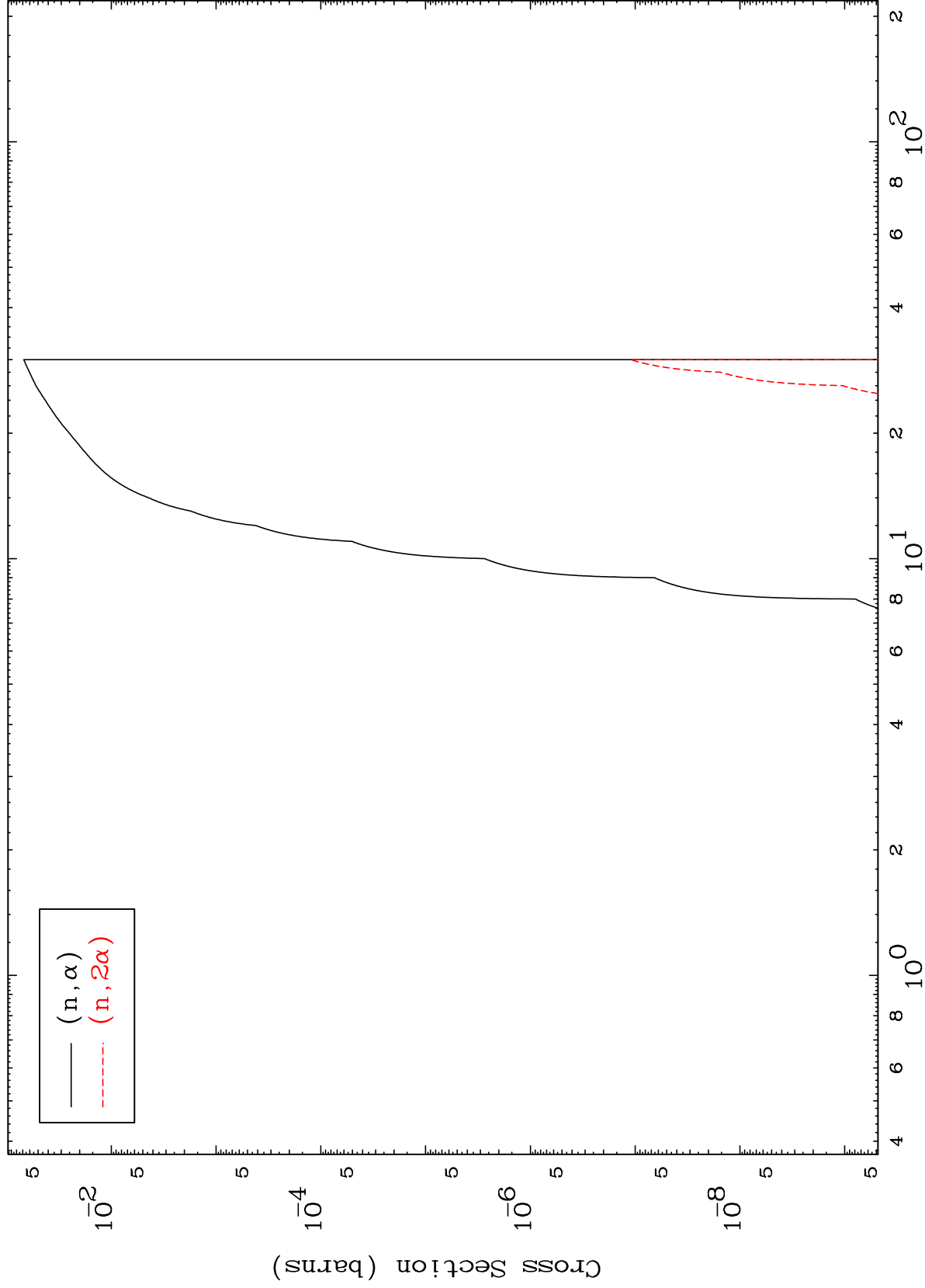
Incident Energy (MeV)

38-Sr-87

MAT 3834

38-Sr-87

(α, α) Levels
0 Kelvin Cross Sections

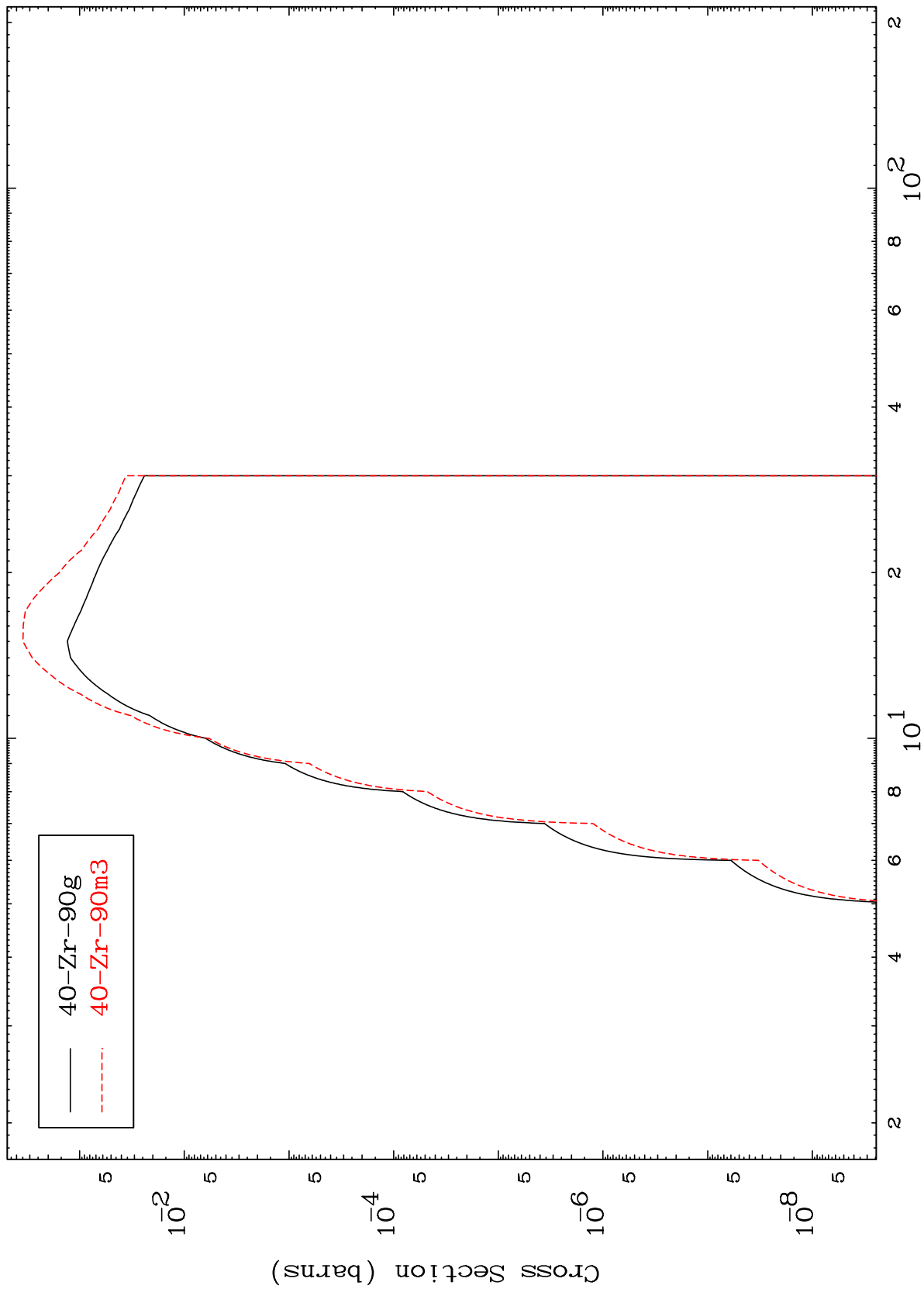


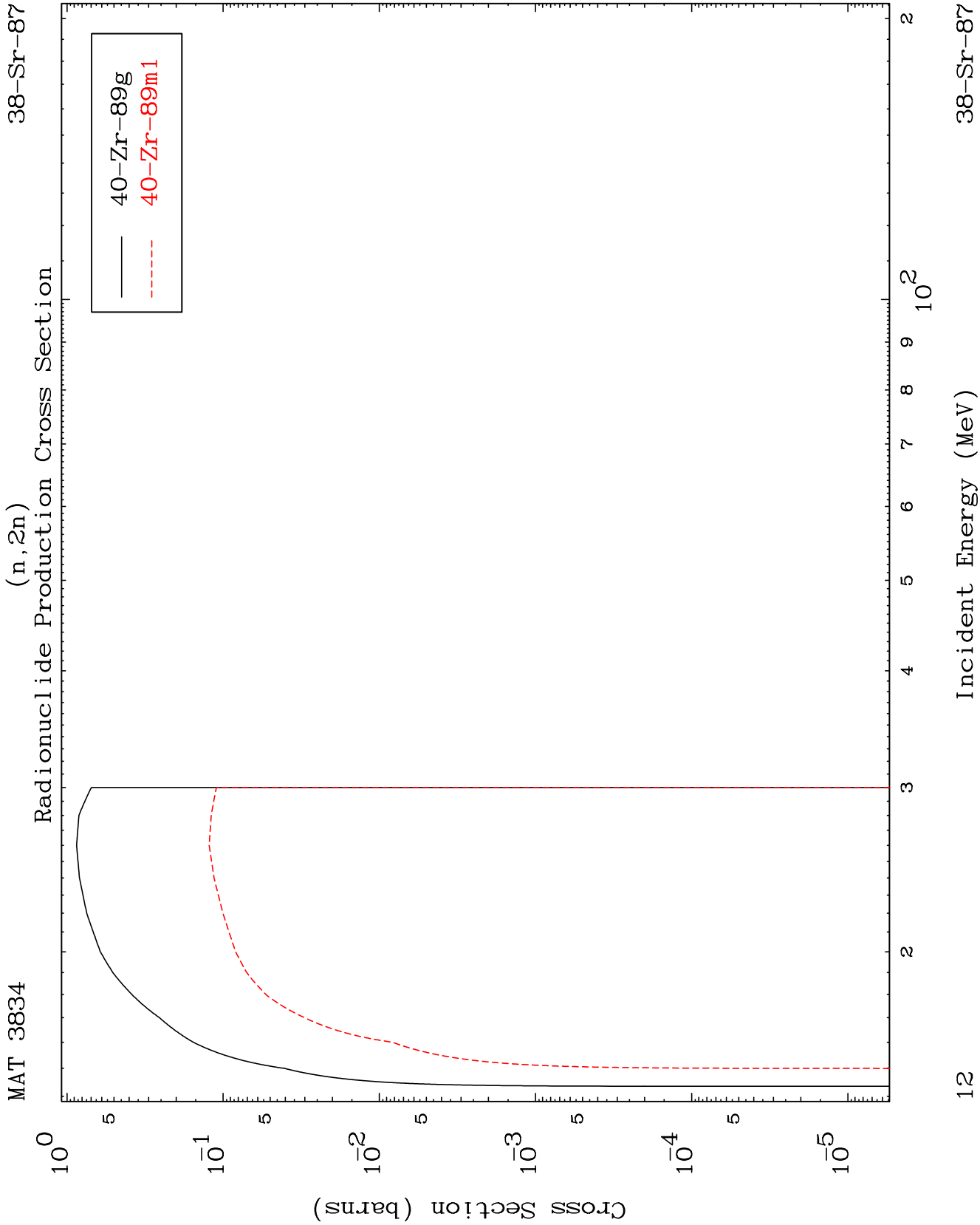
38-Sr-87

Incident Energy (MeV)

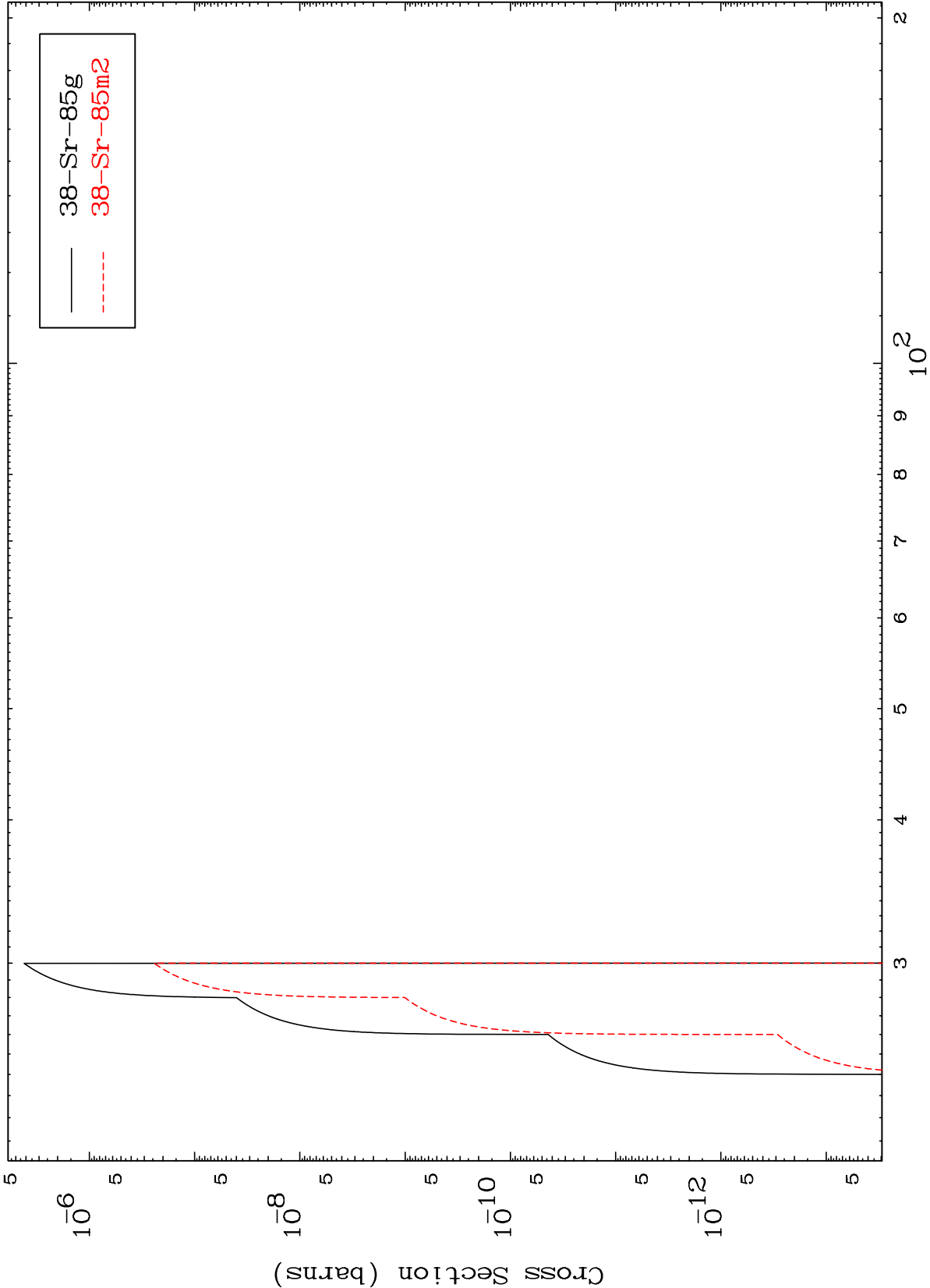
10

Radionuclide Production Cross Section





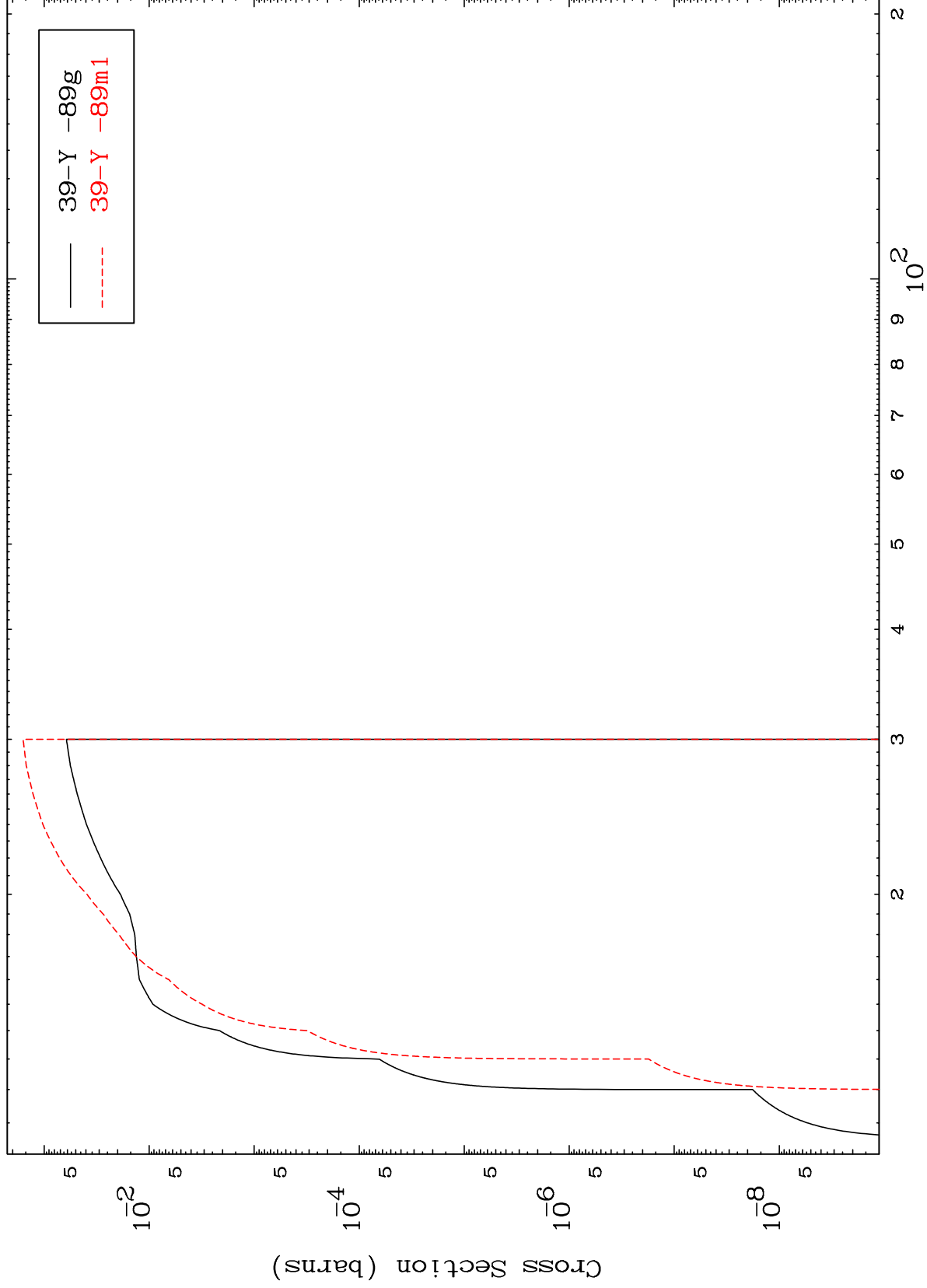
Radionuclide Production Cross Section
(n,2n) α



MAT 3834

(n,n') p 38-Sr-87

Radionuclide Production Cross Section



38-Sr-87

Incident Energy (MeV)

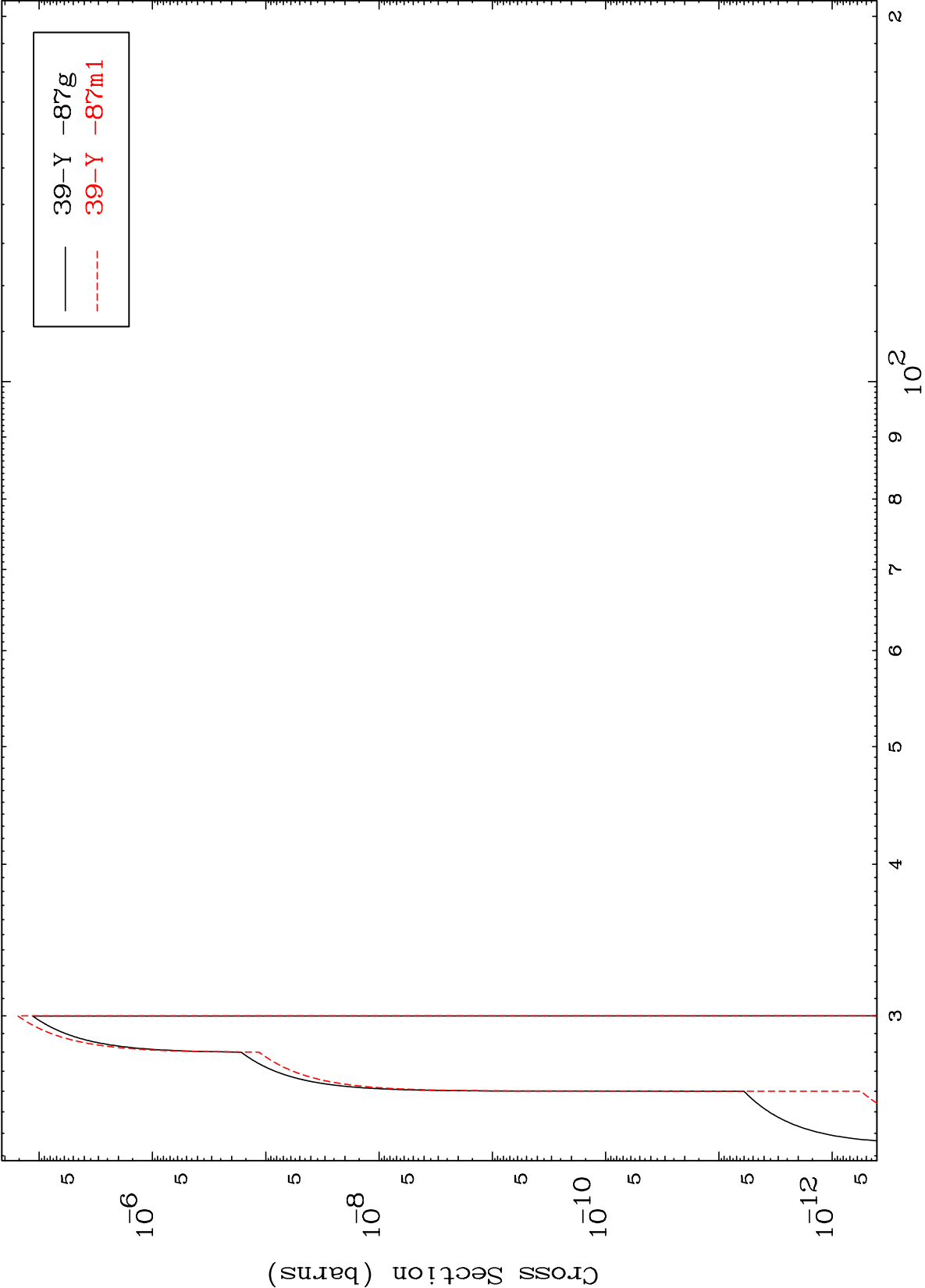
14

MAT 3834

(n,n') t

38-Sr-87

Radionuclide Production Cross Section



15

Incident Energy (MeV)

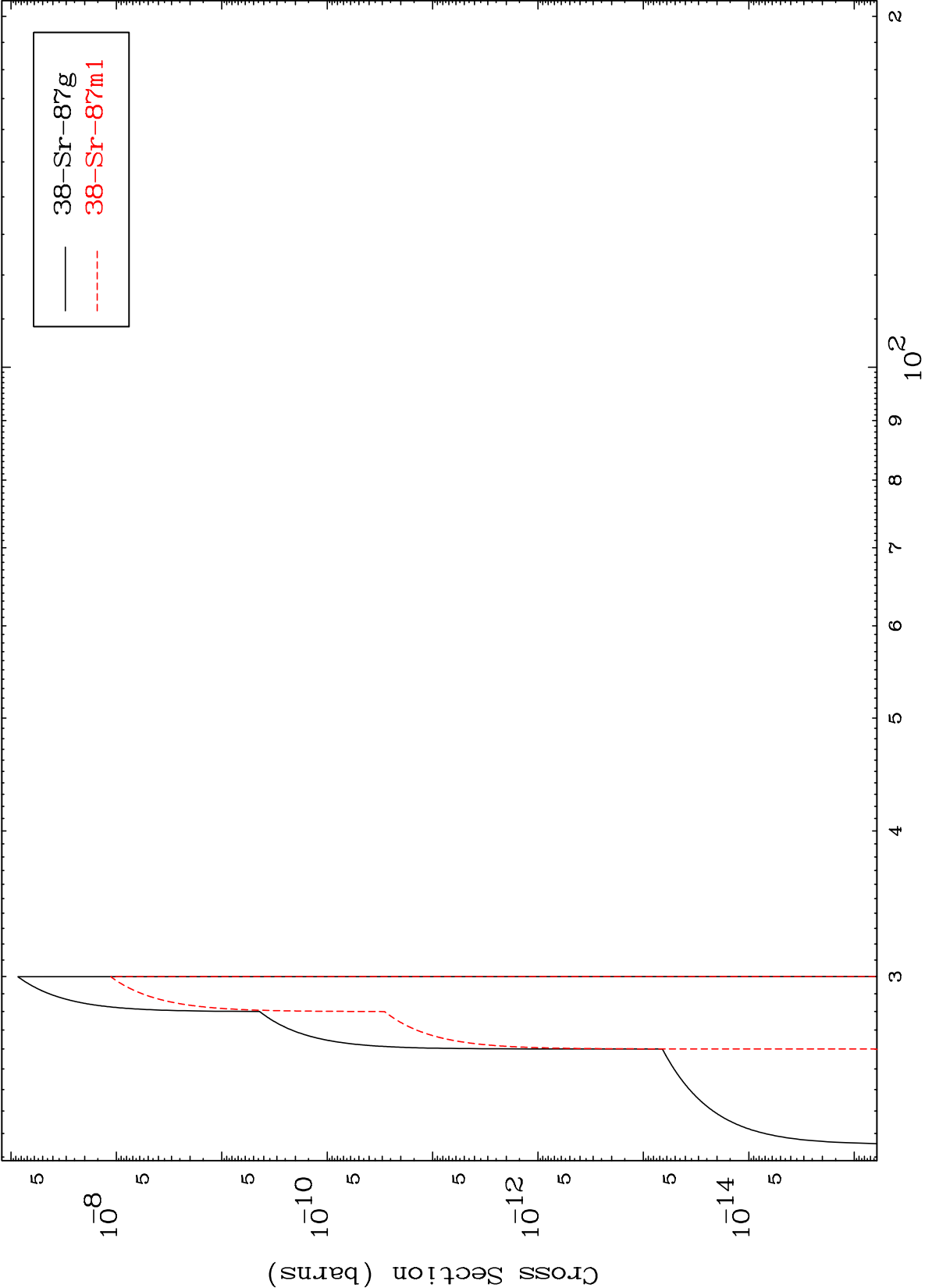
38-Sr-87

MAT 3834

(n,n') He-3

38-Sr-87

Radionuclide Production Cross Section



16

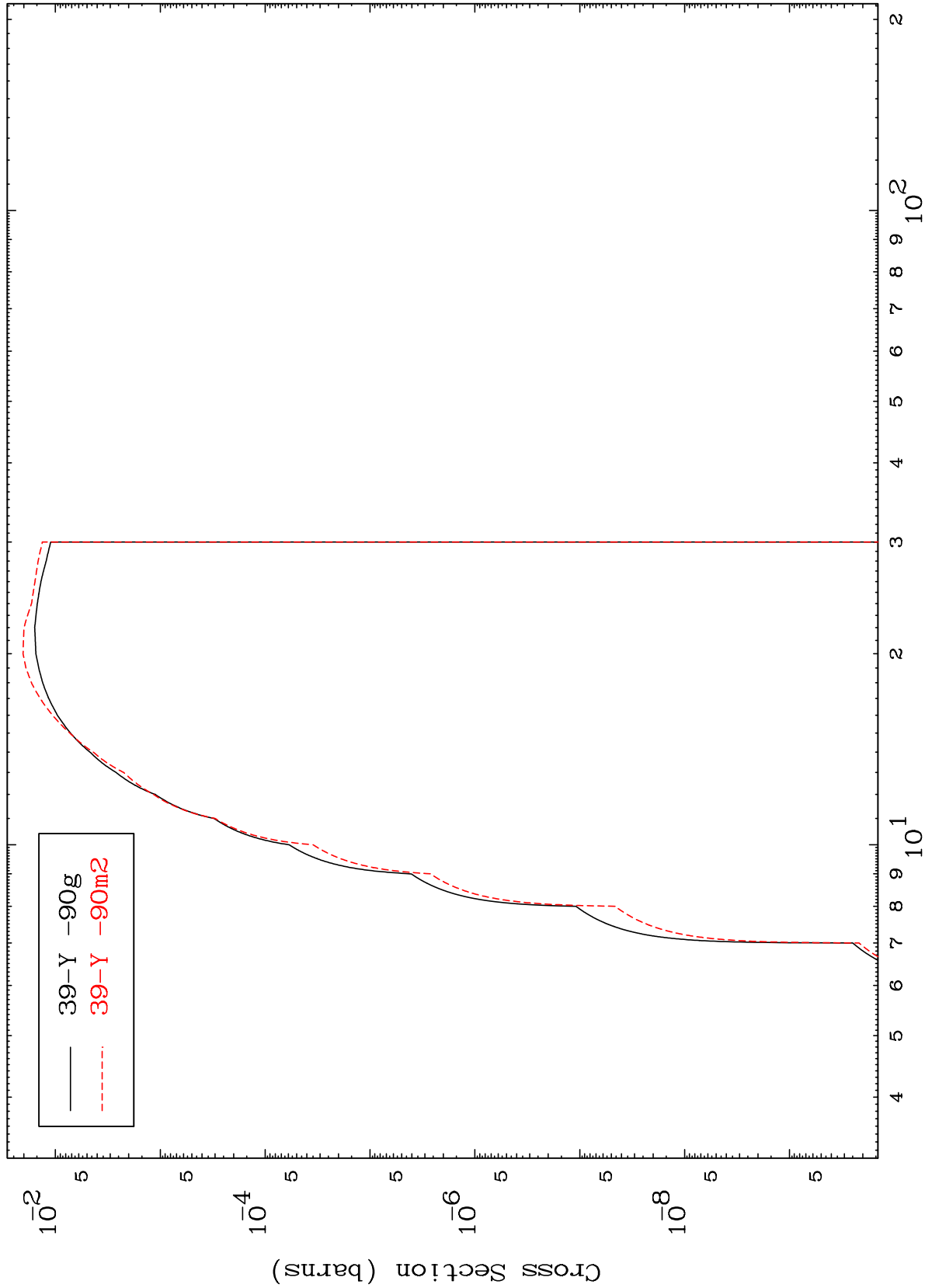
Incident Energy (MeV)

38-Sr-87

MAT 3834

38-Sr-87

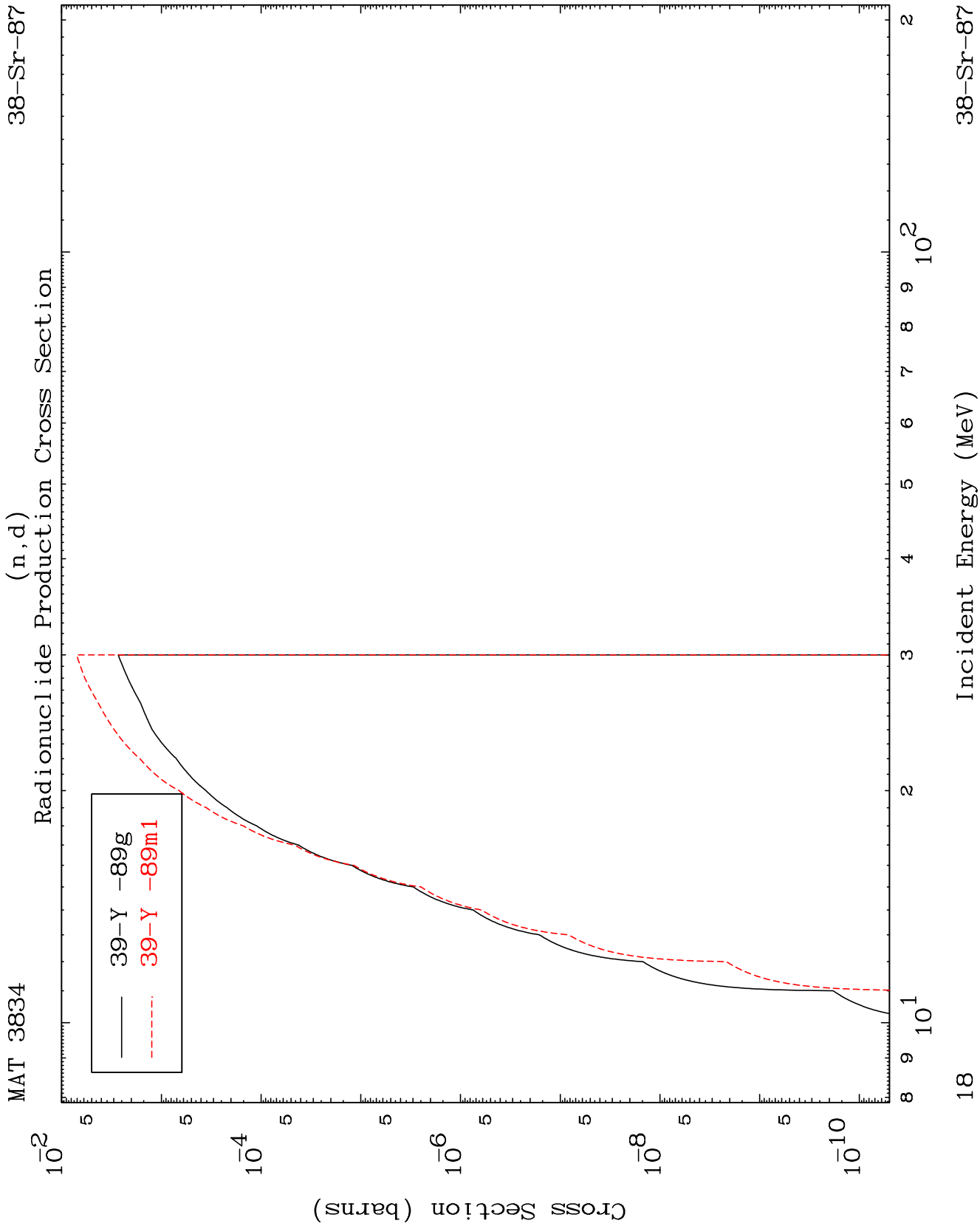
Radionuclide Production Cross Section
(n,p)



17

Incident Energy (MeV)

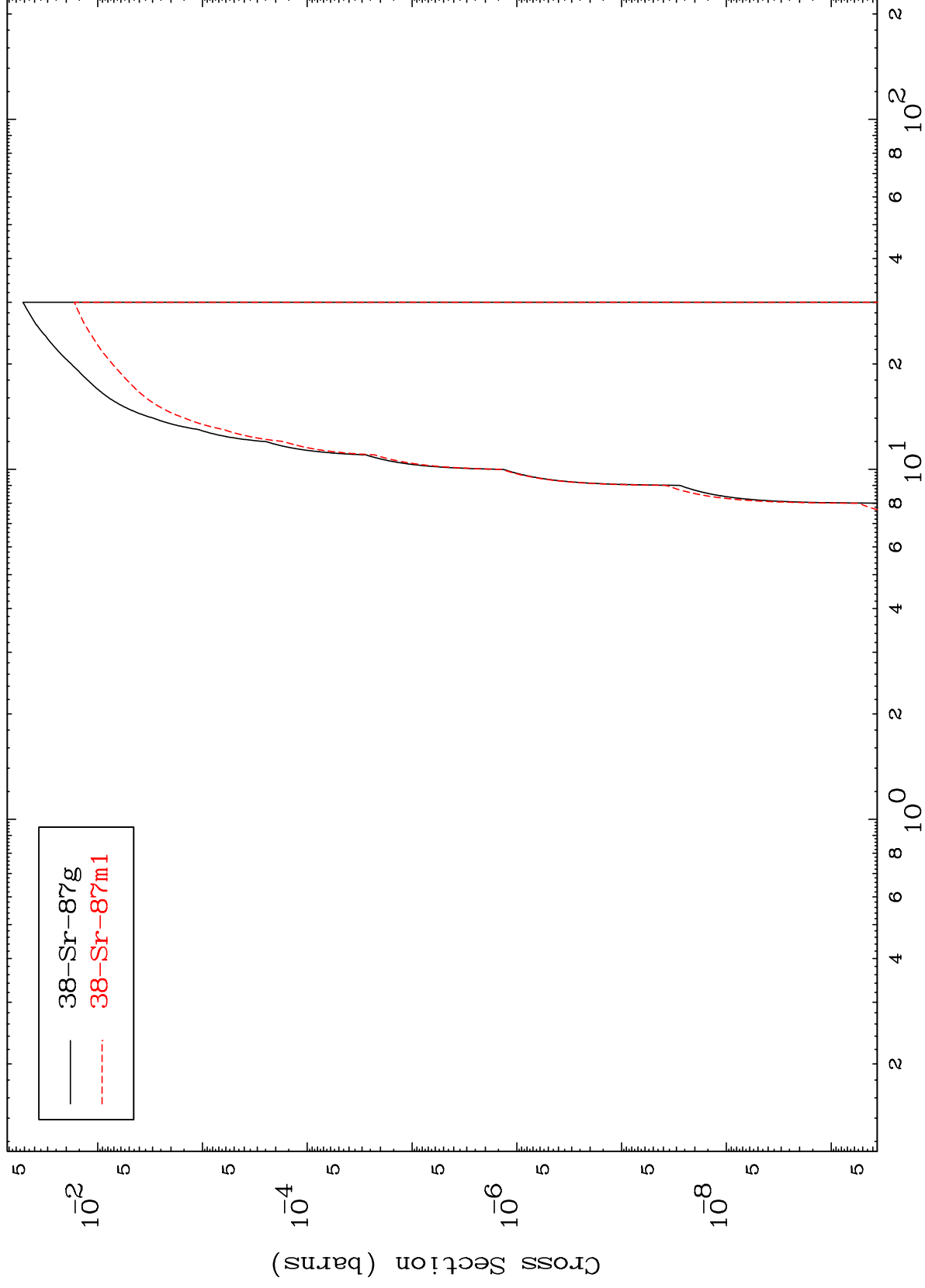
38-Sr-87



MAT 3834

38-Sr-87

Radionuclide Production Cross Section
(n, α)



19

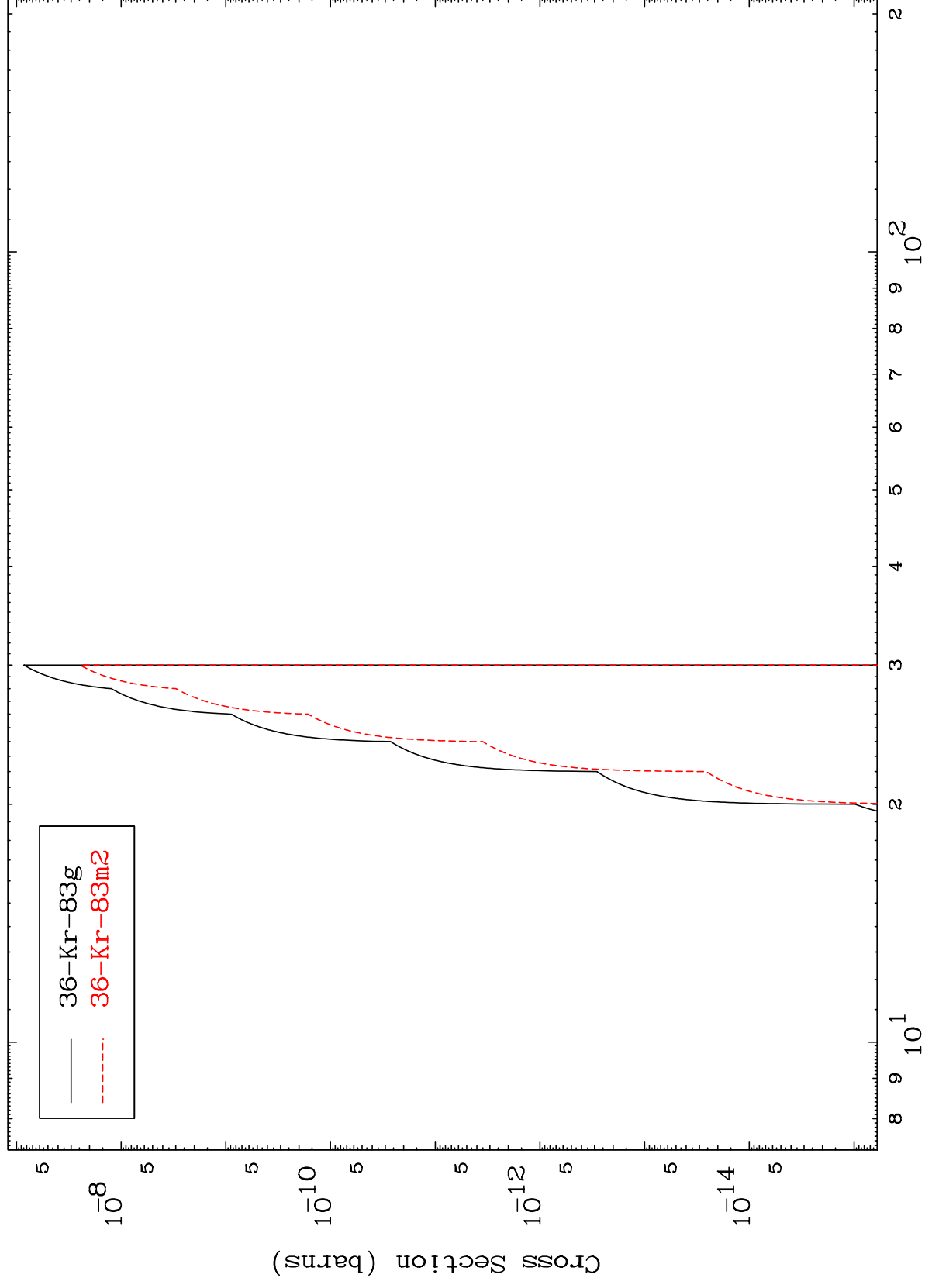
Incident Energy (MeV)

38-Sr-87

MAT 3834

38-Sr-87

Radionuclide Production Cross Section
(n,2 α)



38-Sr-87

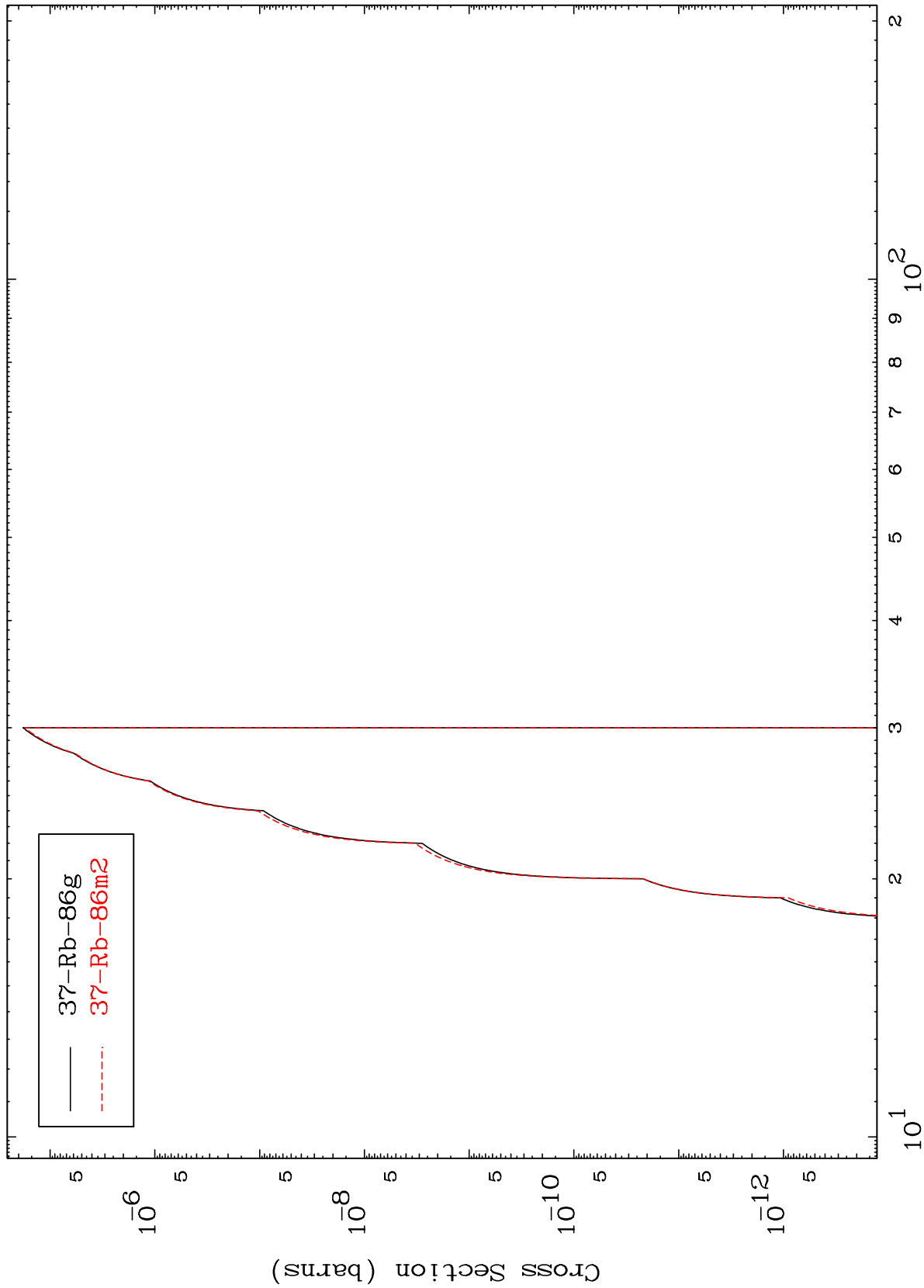
Incident Energy (MeV)

20

MAT 3834

38-Sr-87

(n,p) α
Radionuclide Production Cross Section



38-Sr-87

Incident Energy (MeV)

Radionuclide Production Cross Section

