

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

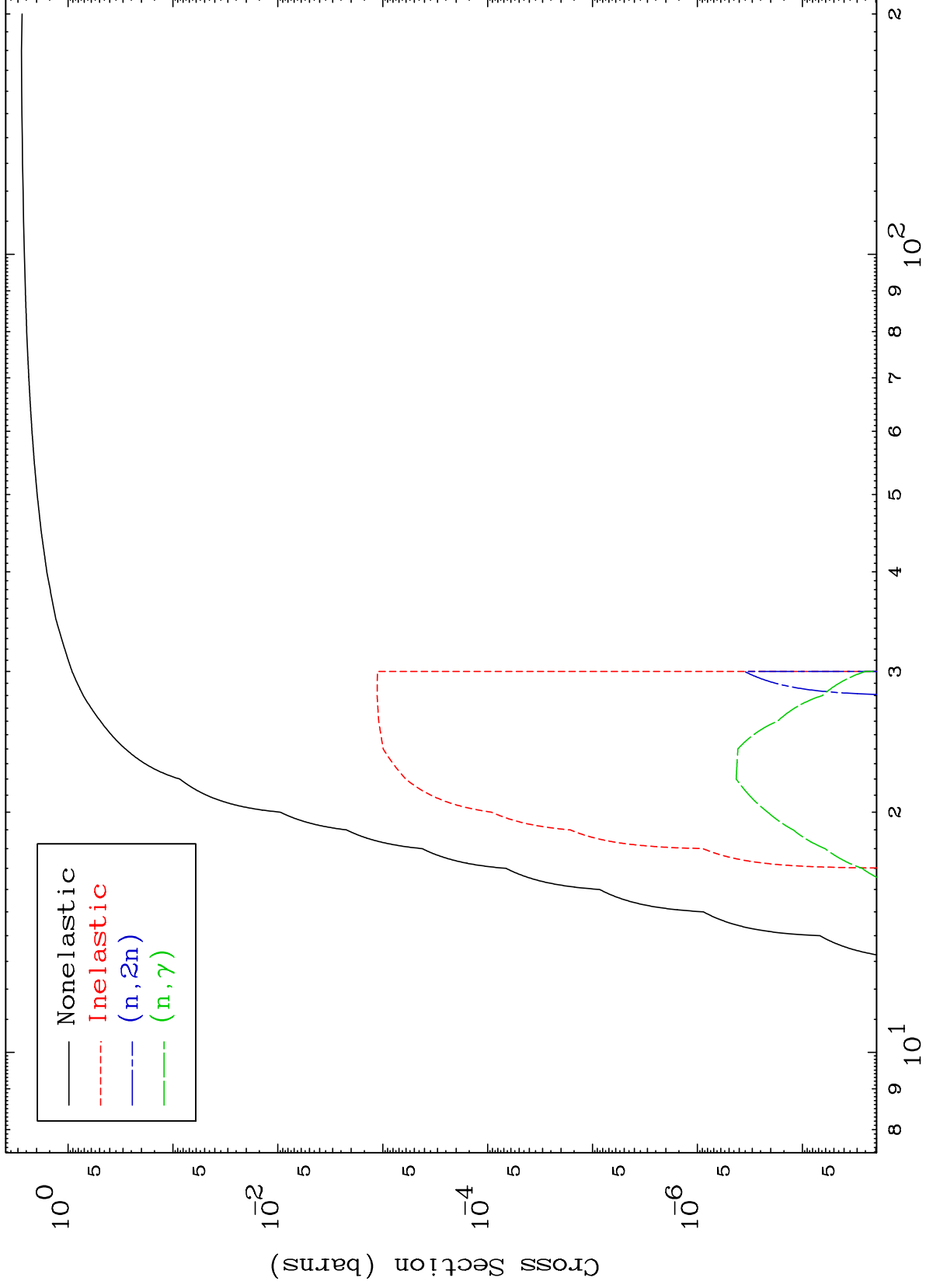
Press Mouse Button to Start

MAT 8702

0 Kelvin Cross Sections

α Major

87-Fr-204m



1

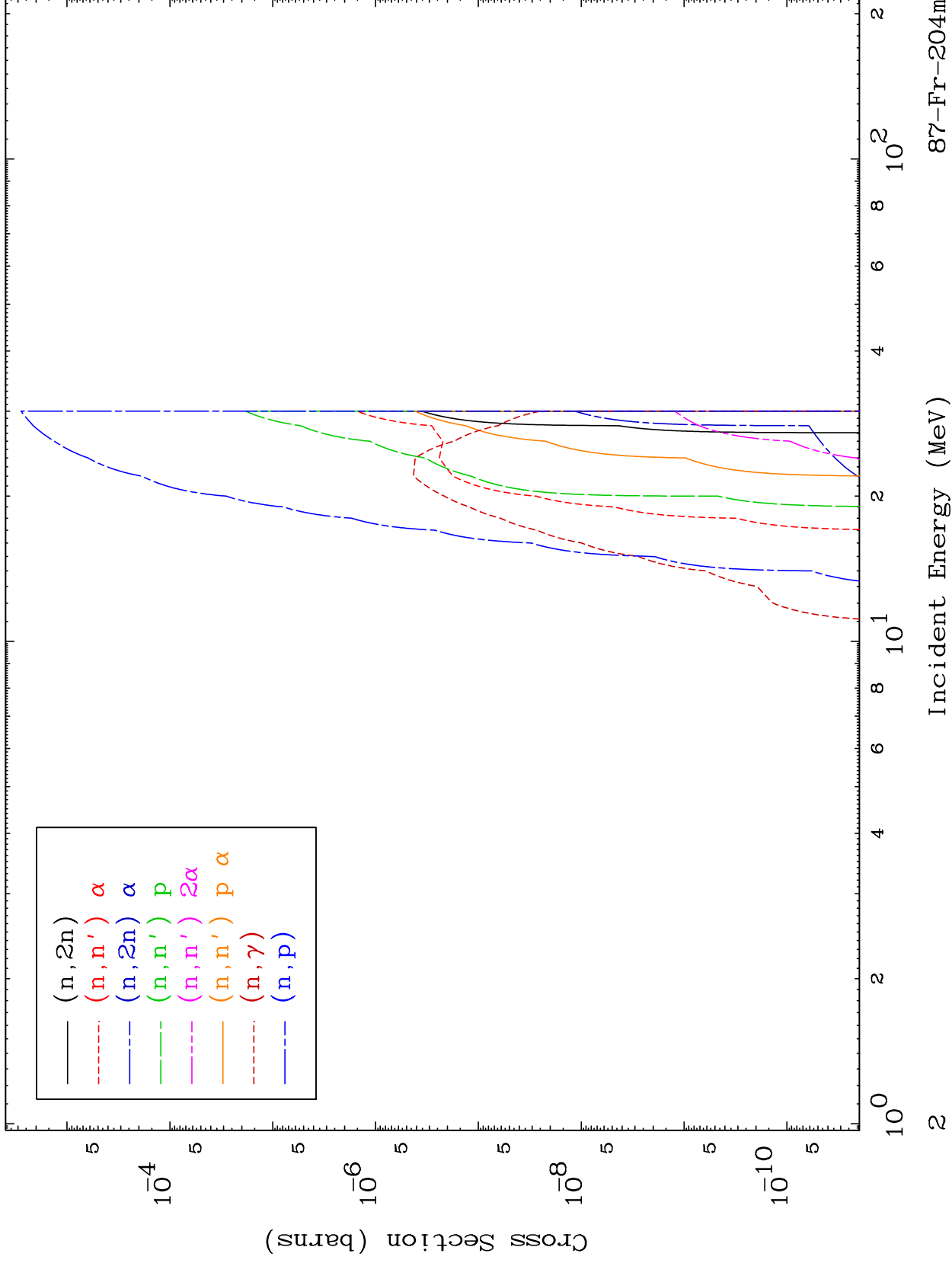
Incident Energy (MeV)

87-Fr-204m

MAT 8702

α Neutron Absorption
0 Kelvin Cross Sections

87-Fr-204m



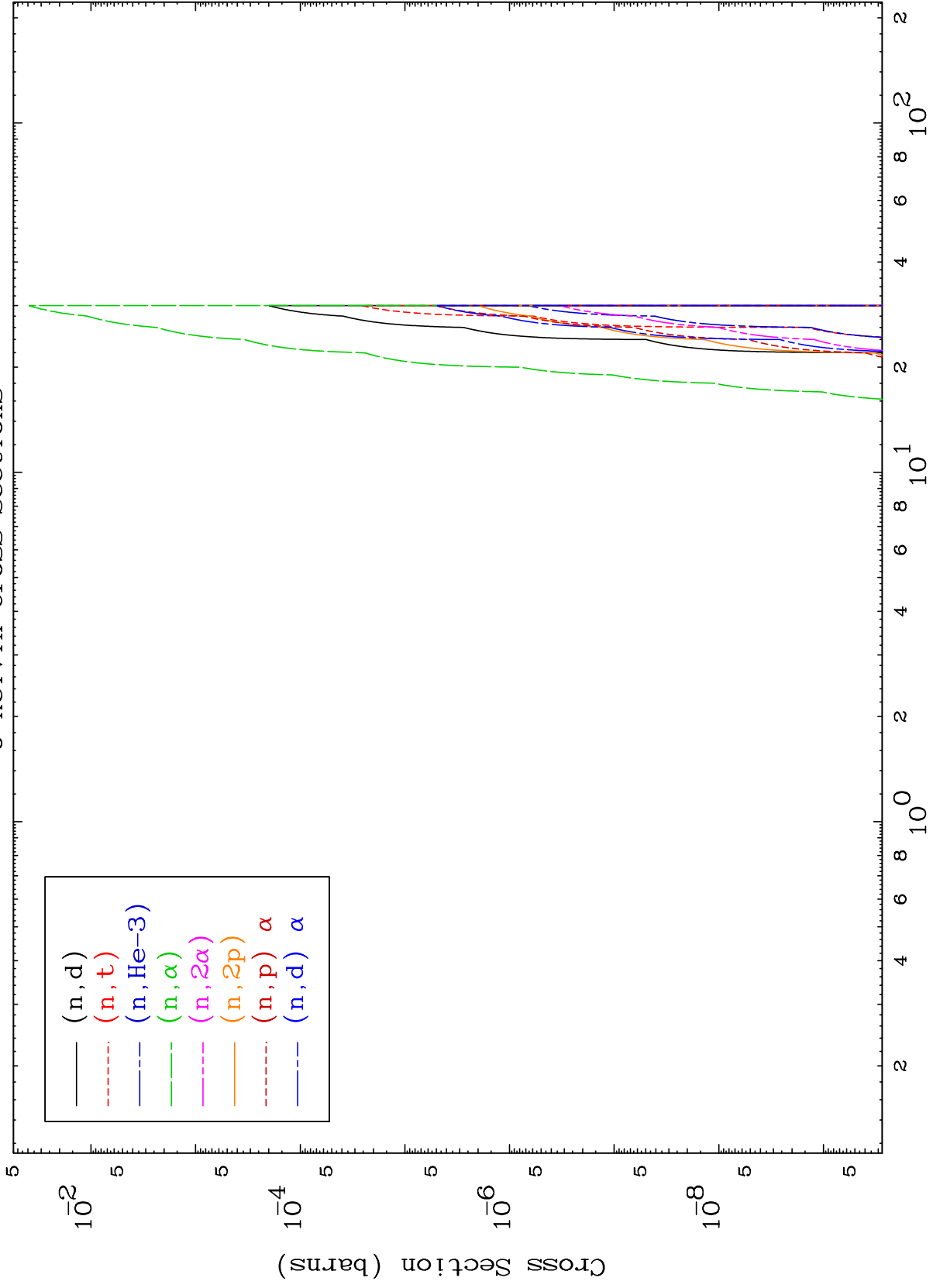
Incident Energy (MeV)

87-Fr-204m

MAT 8702

α Neutron Absorption
0 Kelvin Cross Sections

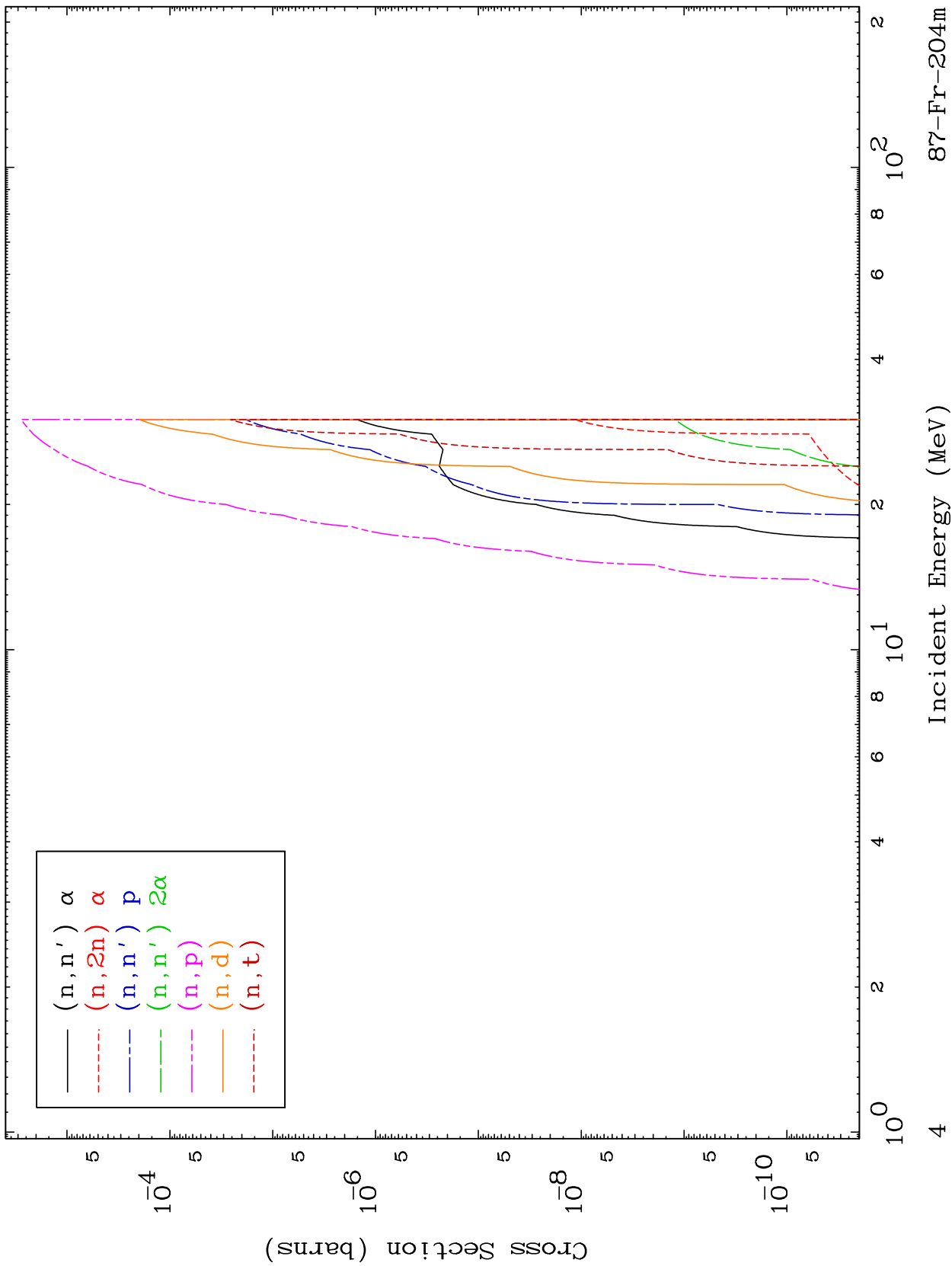
87-Fr-204m



MAT 8702

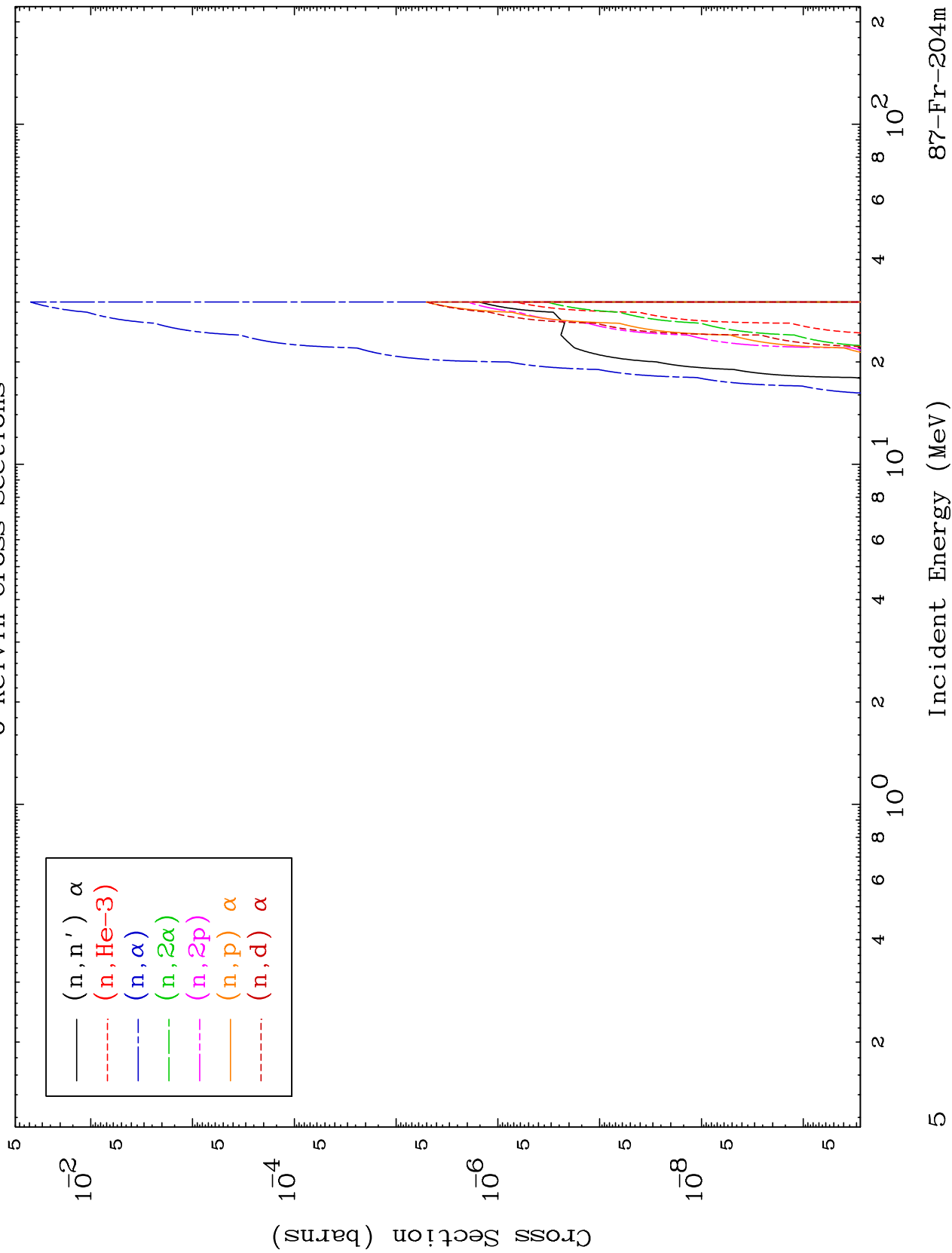
α Charged Particle
0 Kelvin Cross Sections

87-Fr-204m



Incident Energy (MeV)

87-Fr-204m

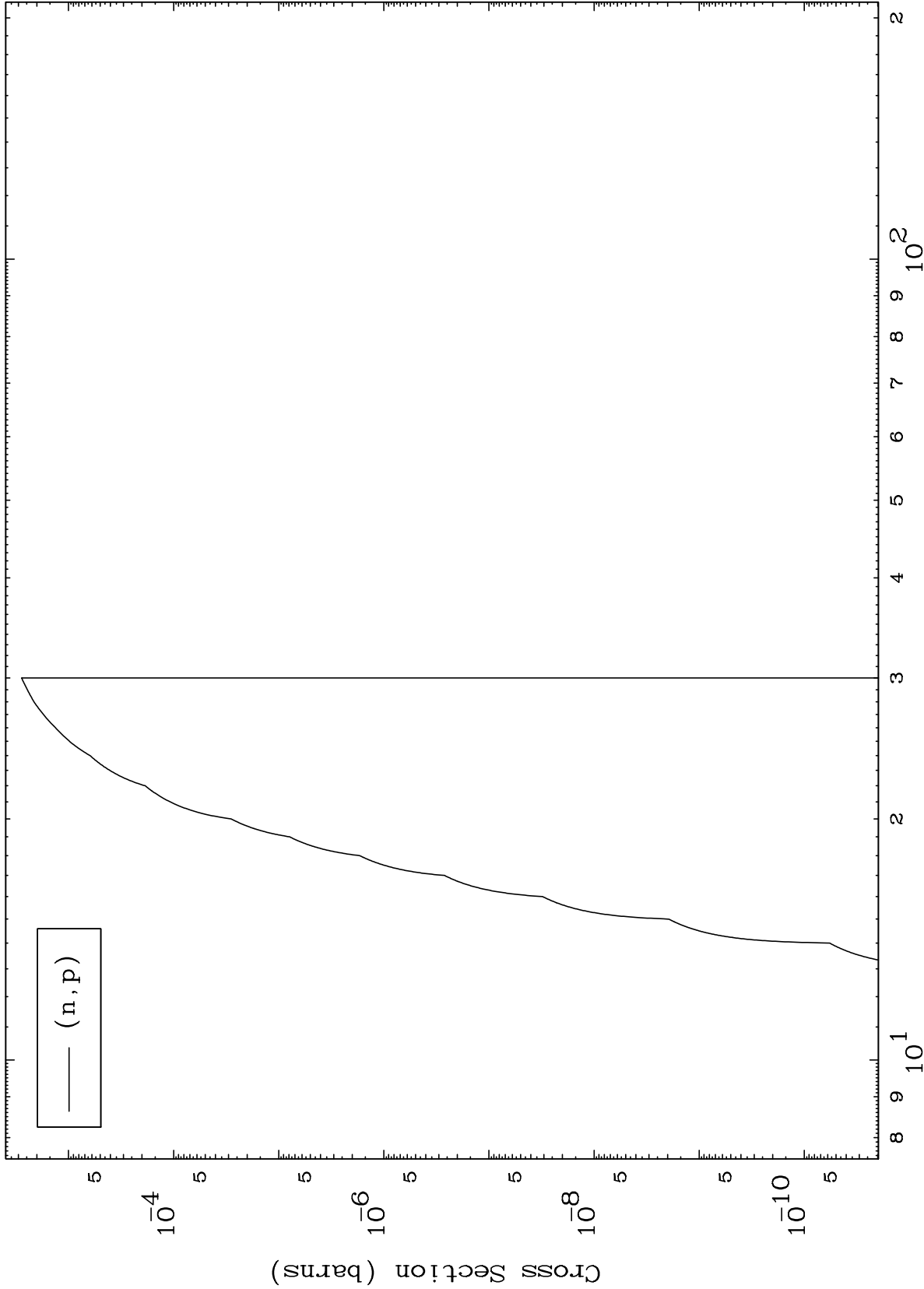


MAT 8702

(α, p) Levels

87-Fr-204m

0 Kelvin Cross Sections



6

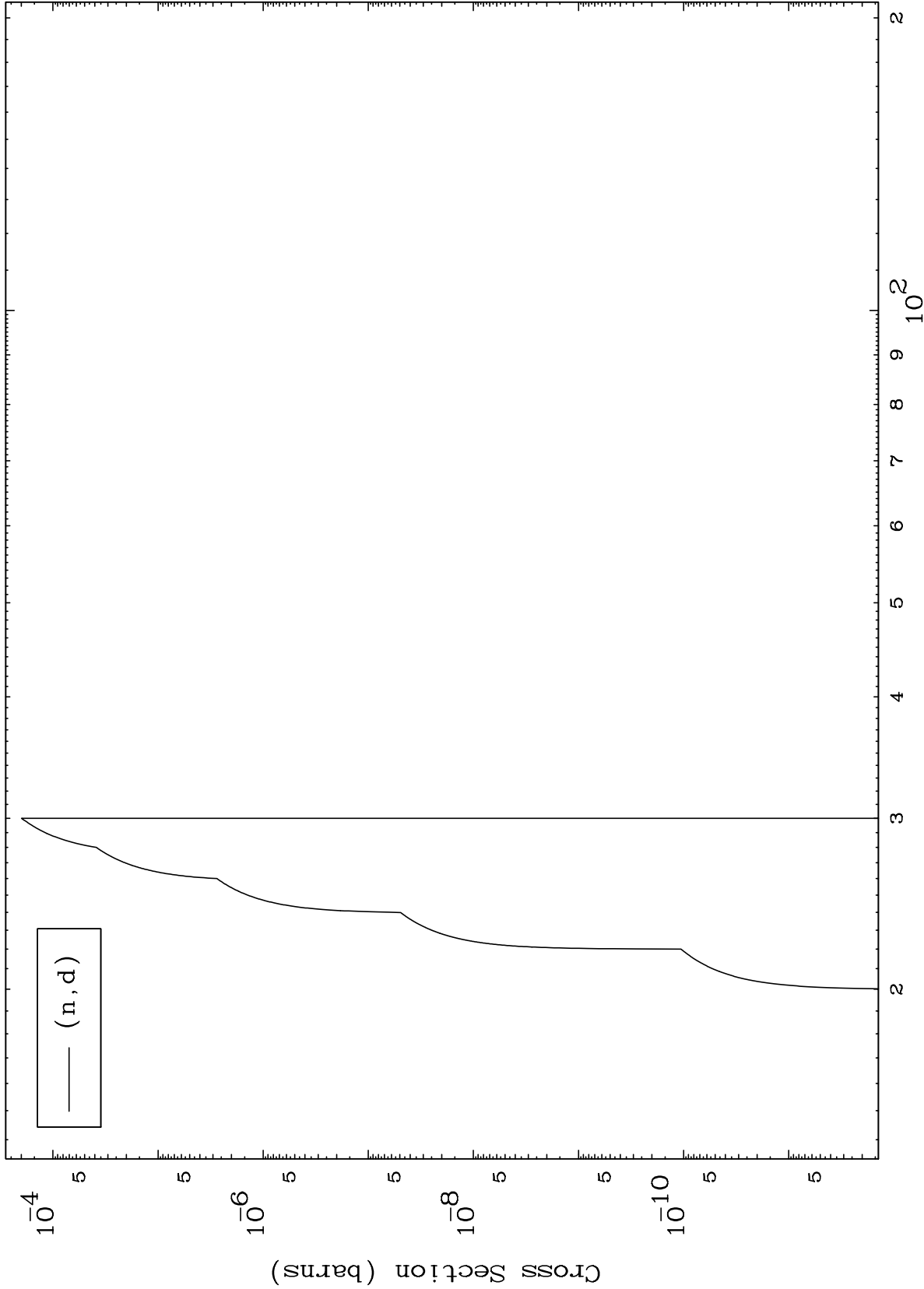
Incident Energy (MeV)

87-Fr-204m

MAT 8702

(α, d) Levels
0 Kelvin Cross Sections

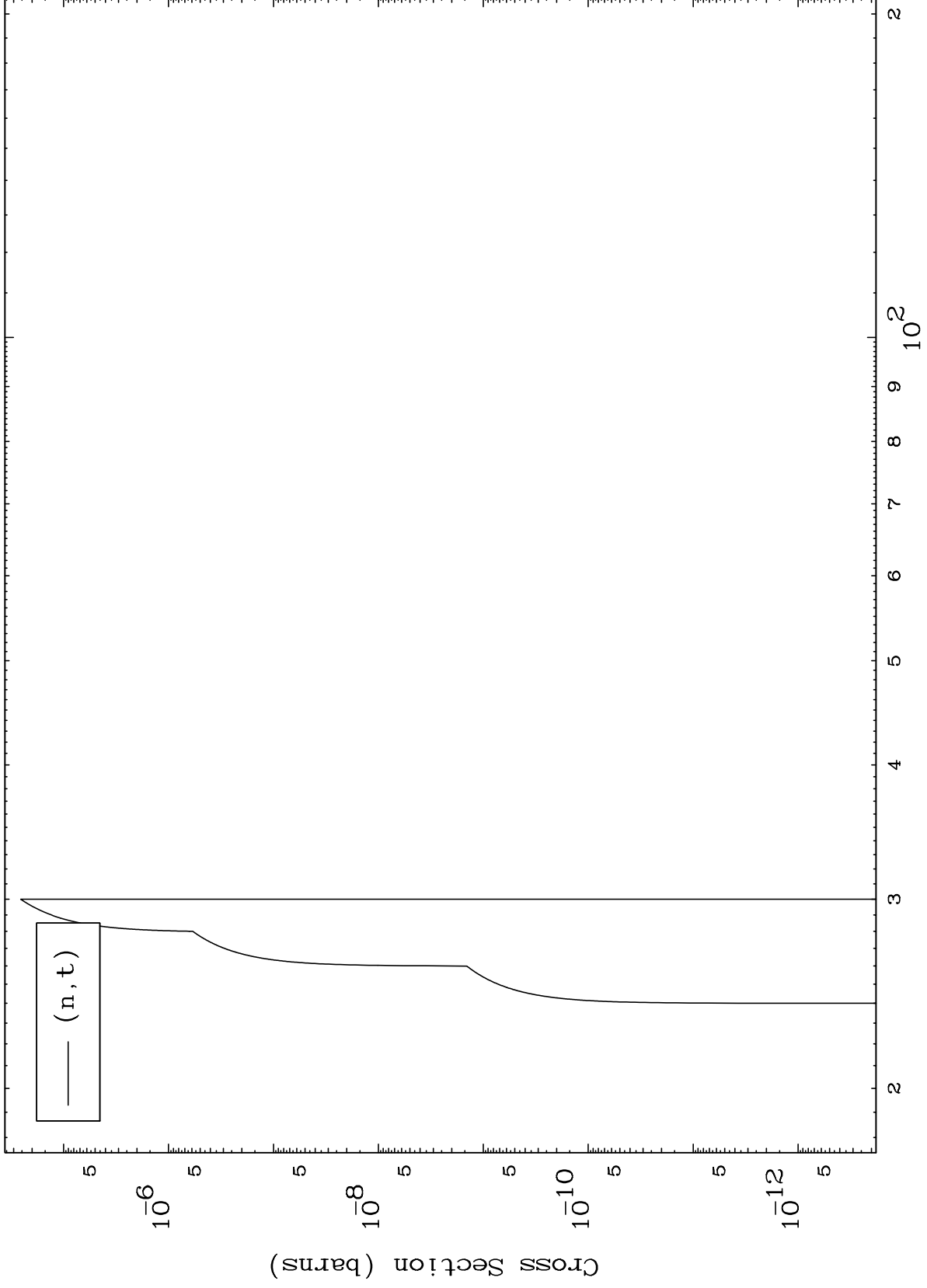
87-Fr-204m



MAT 8702

(α, t) Levels
0 Kelvin Cross Sections

87-Fr-204m

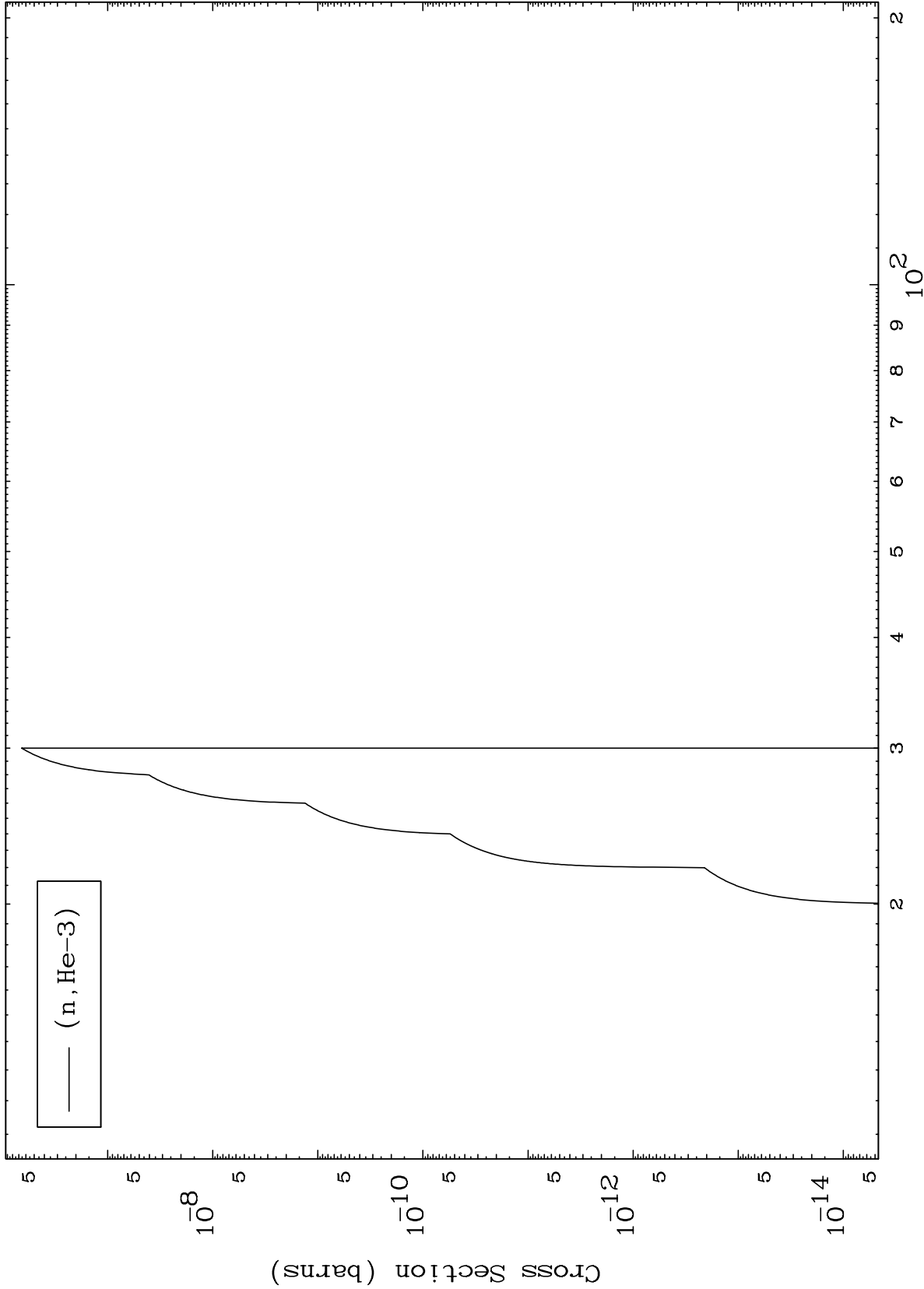


8

Incident Energy (MeV)

87-Fr-204m

0 Kelvin Cross Sections



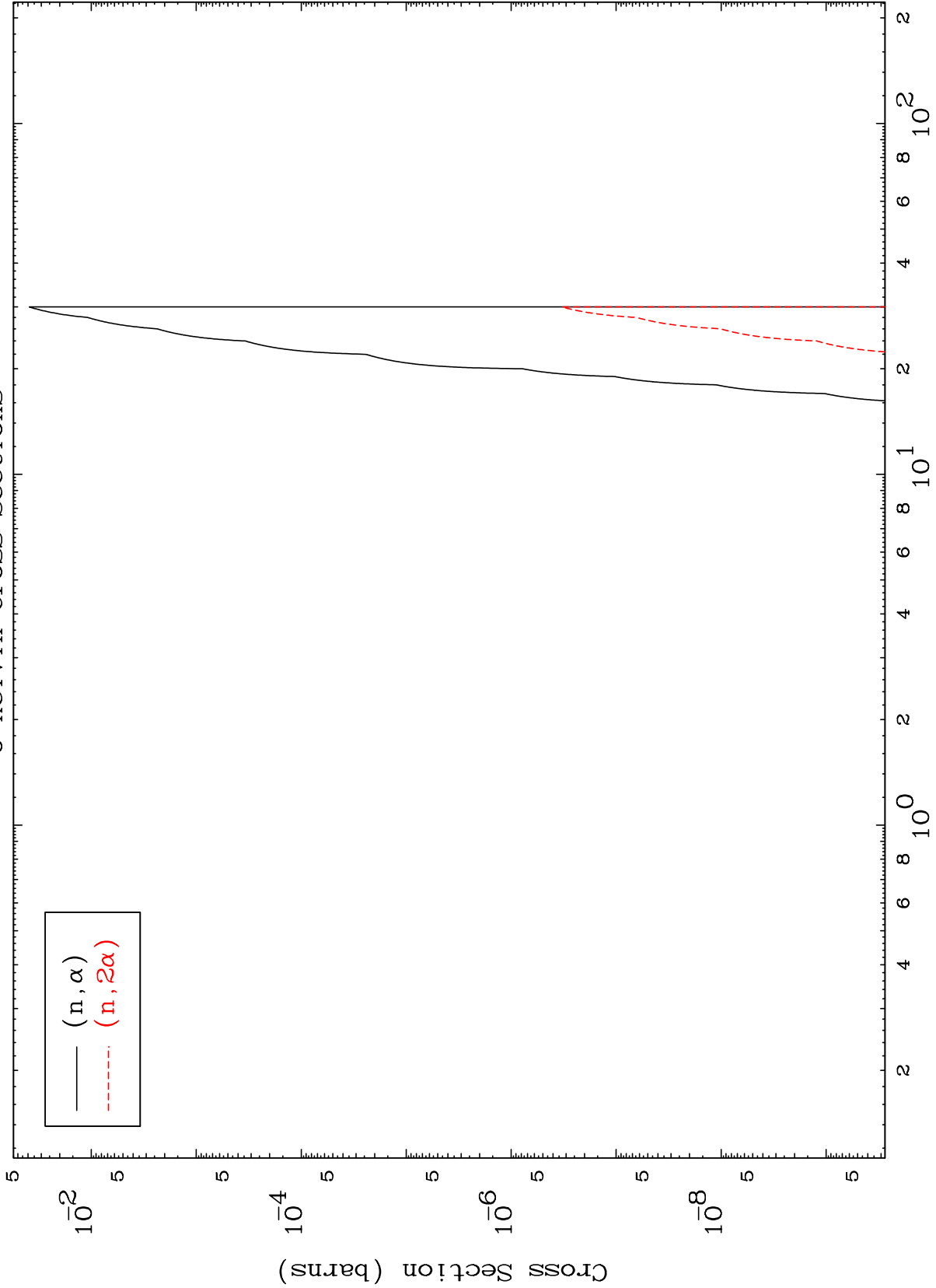
(n, He-3)

MAT 8702

(α, α) Levels

87-Fr-204m

0 Kelvin Cross Sections



— (n, α)
- - - (n, 2α)

10

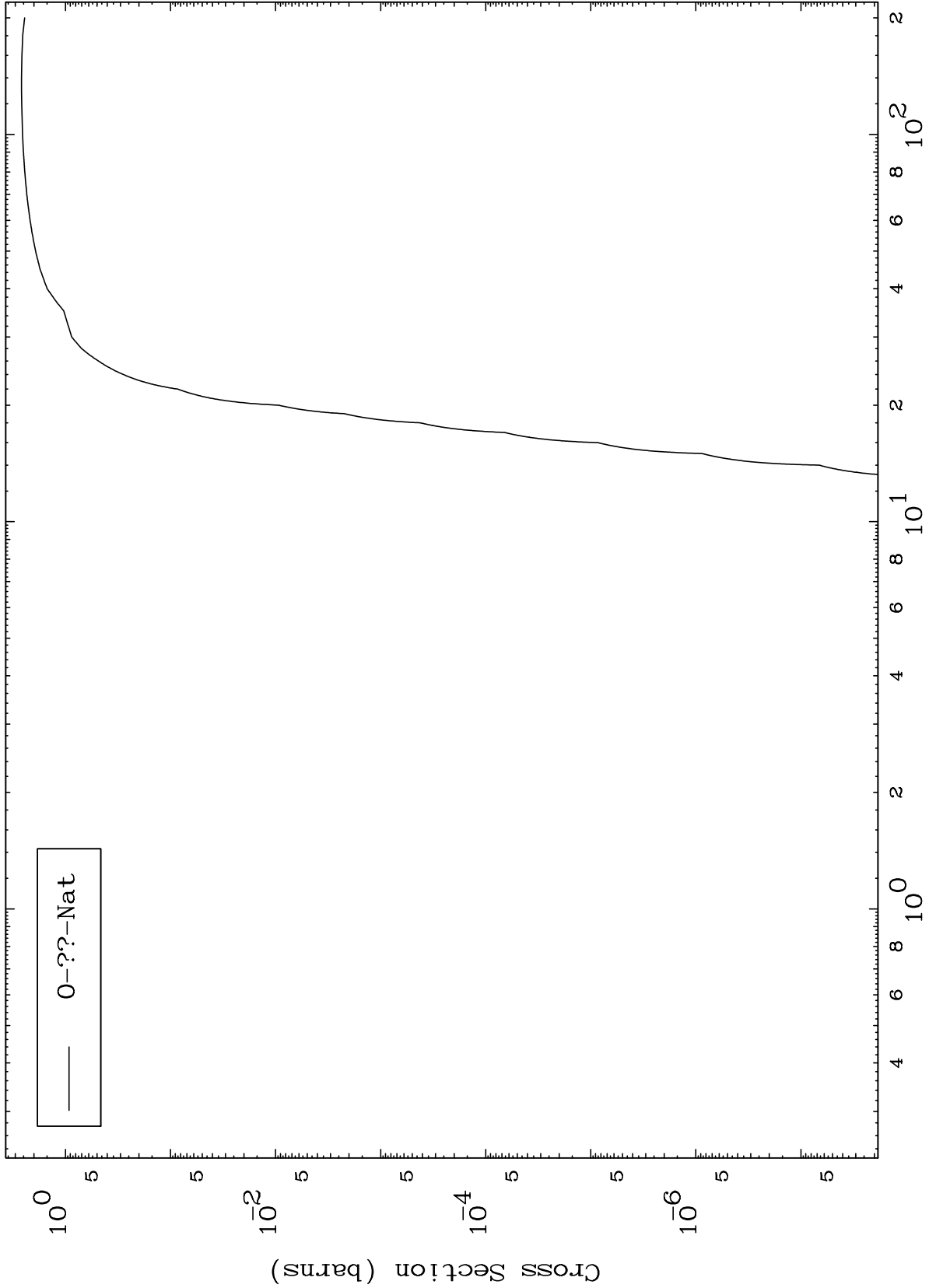
Incident Energy (MeV)

87-Fr-204m

MAT 8702

87-Fr-204m

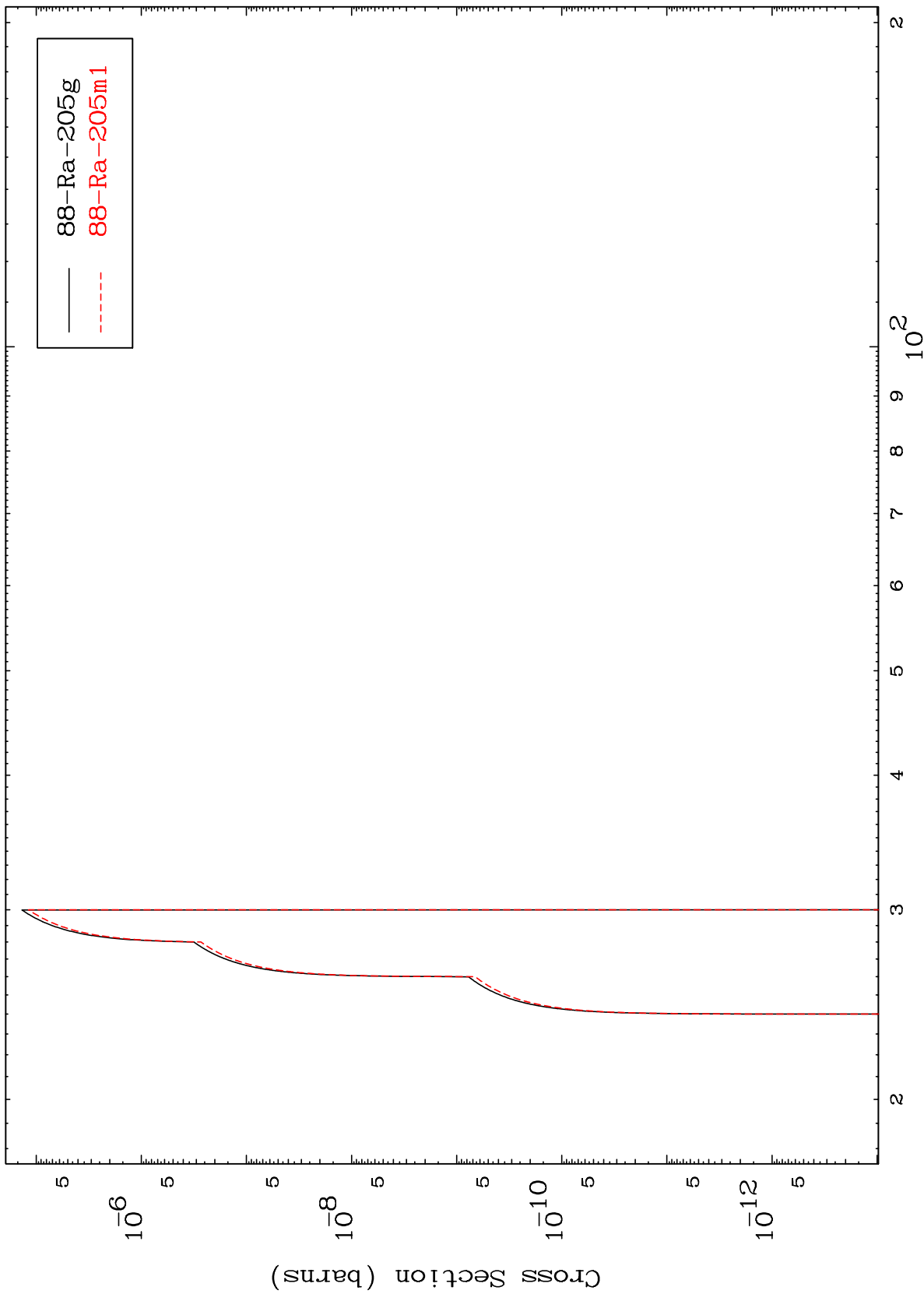
Fission
Radionuclide Production Cross Section



MAT 8702

87-Fr-204m

(n,t)
Radionuclide Production Cross Section



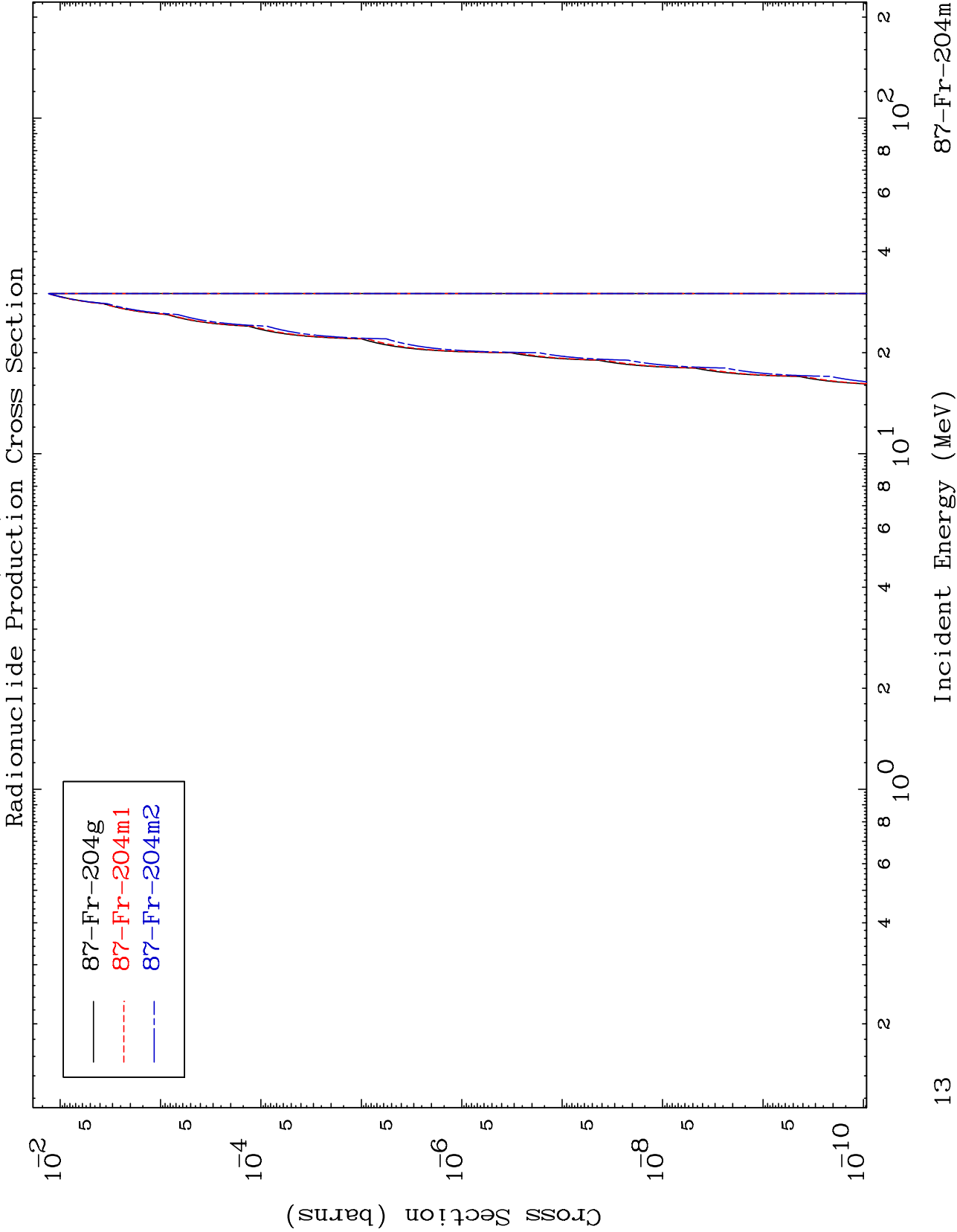
12

Incident Energy (MeV)

87-Fr-204m

MAT 8702

87-Fr-204m

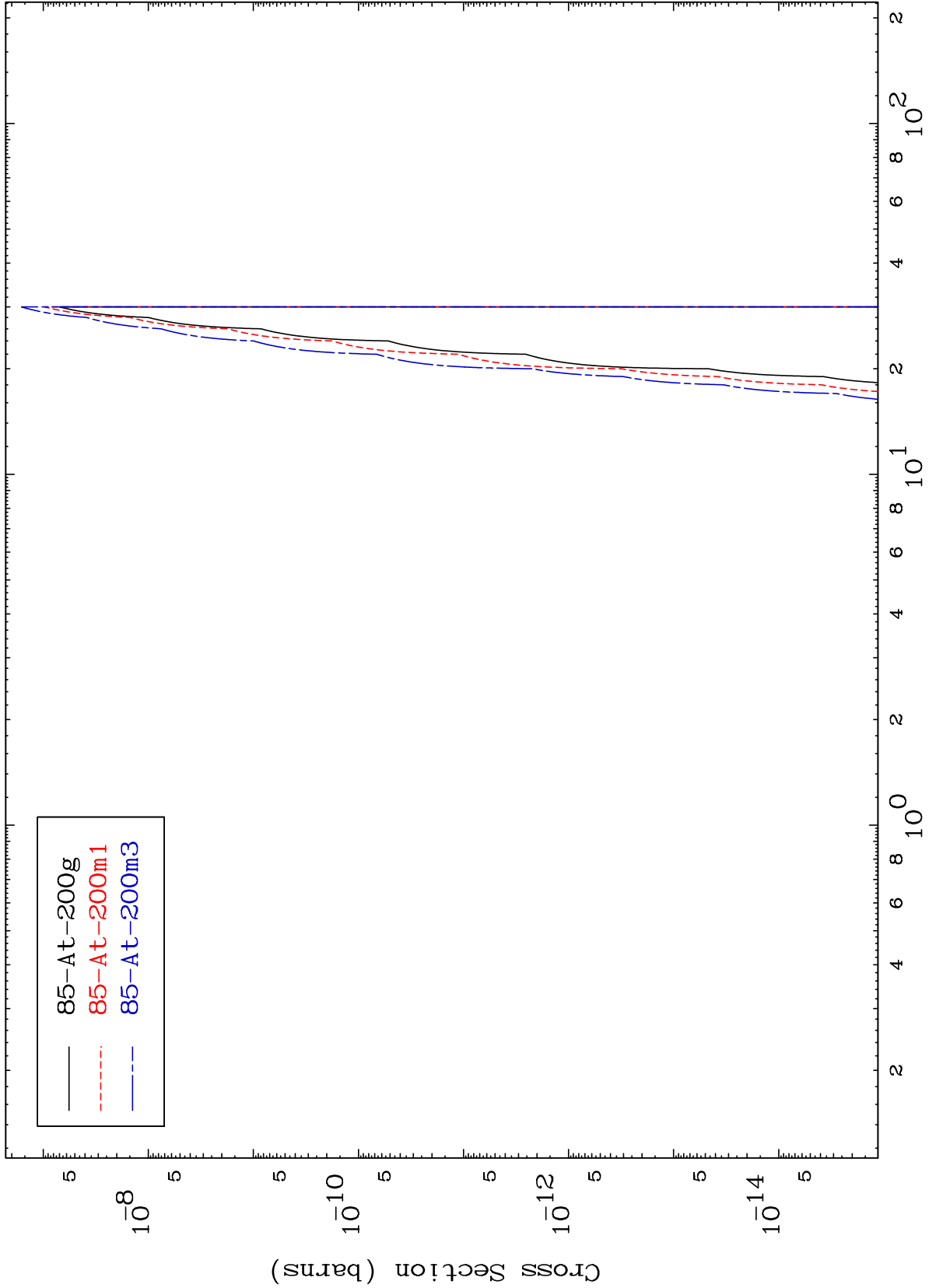


MAT 8702

(n,2α)

87-Fr-204m

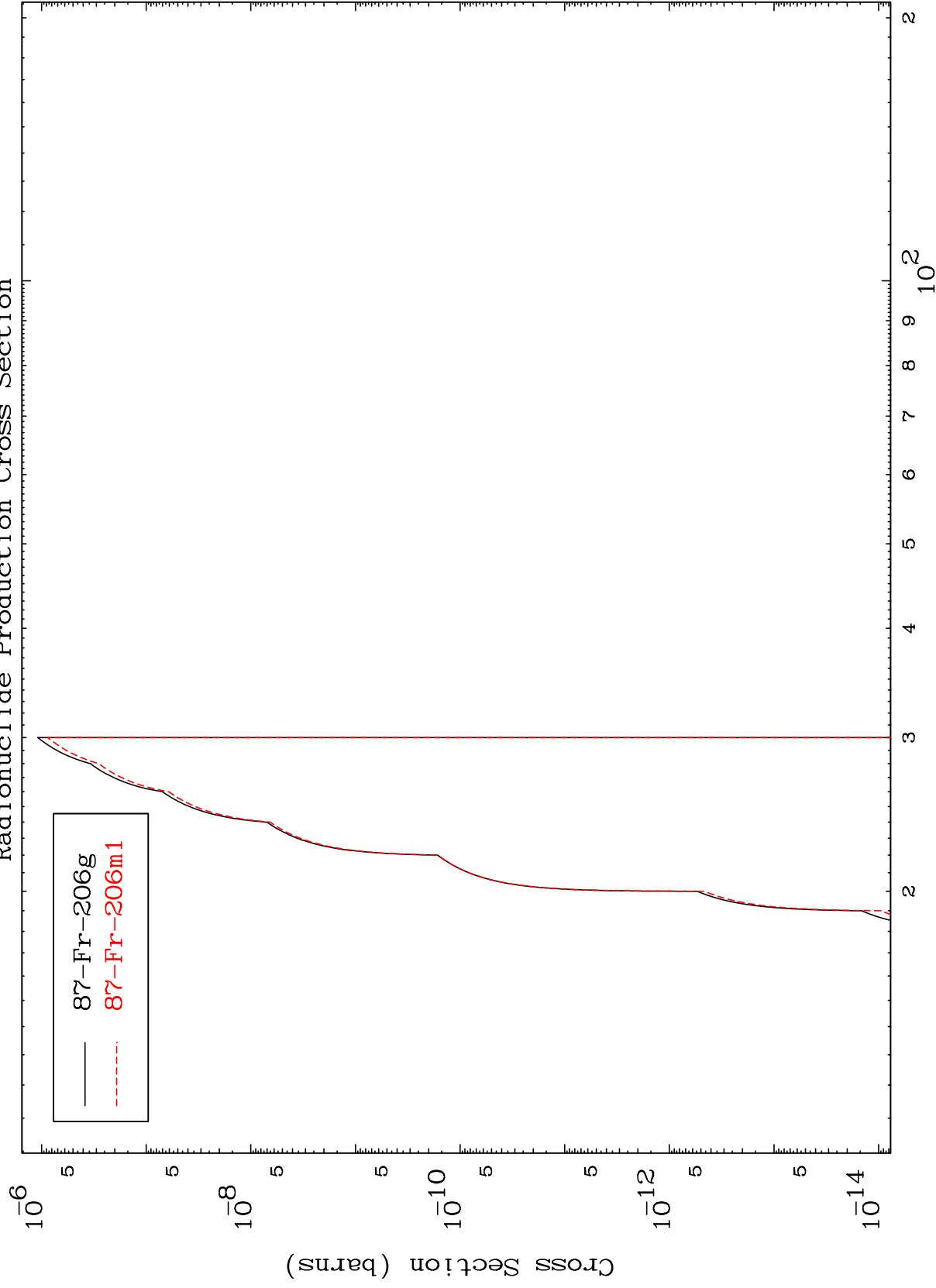
Radionuclide Production Cross Section



MAT 8702

87-Fr-204m

(n,2p)
Radionuclide Production Cross Section



15

Incident Energy (MeV)

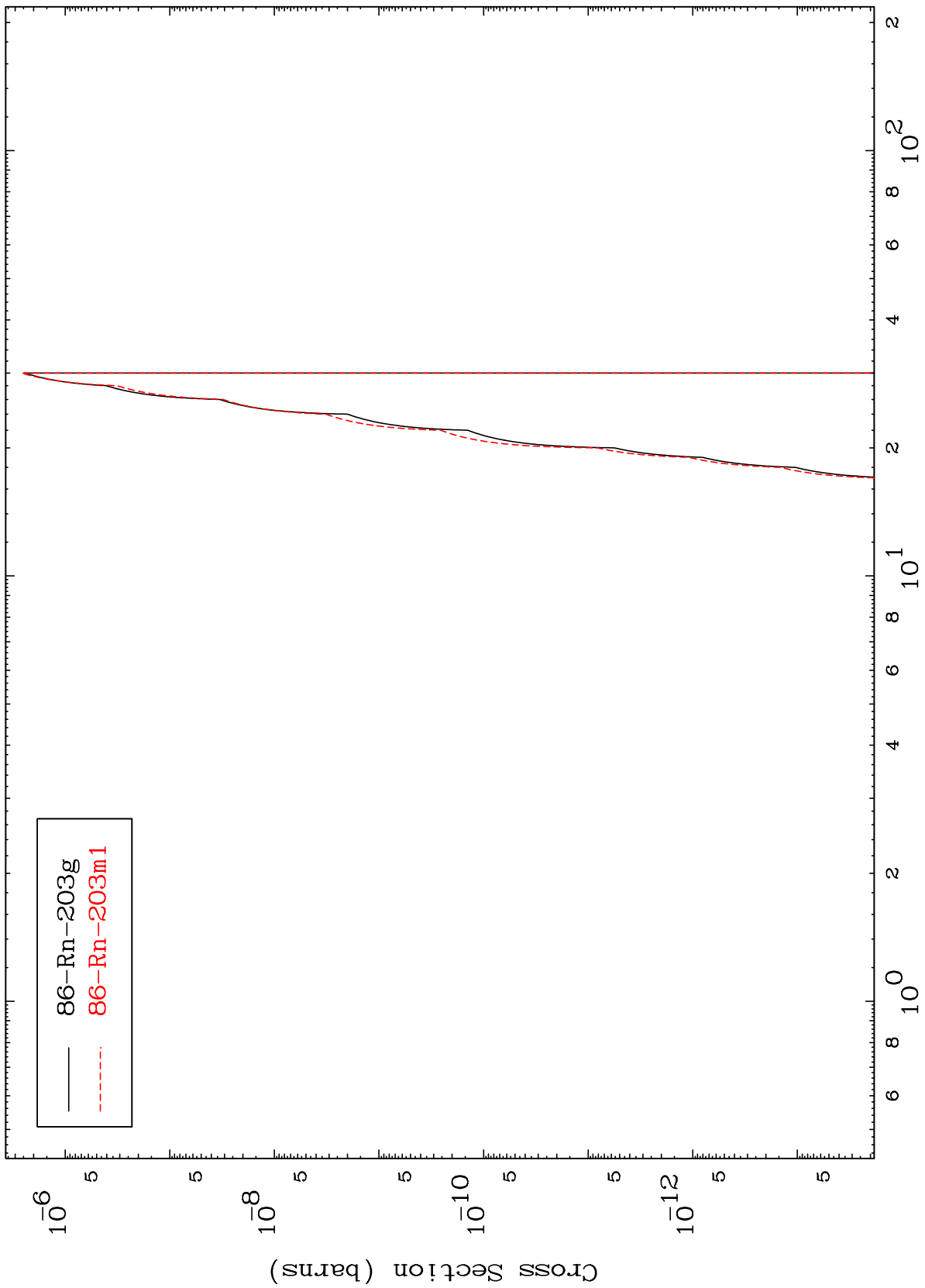
87-Fr-204m

MAT 8702

(n,p) α

87-Fr-204m

Radionuclide Production Cross Section



86-Rn-203g
86-Rn-203m1

Incident Energy (MeV)

87-Fr-204m

16