

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

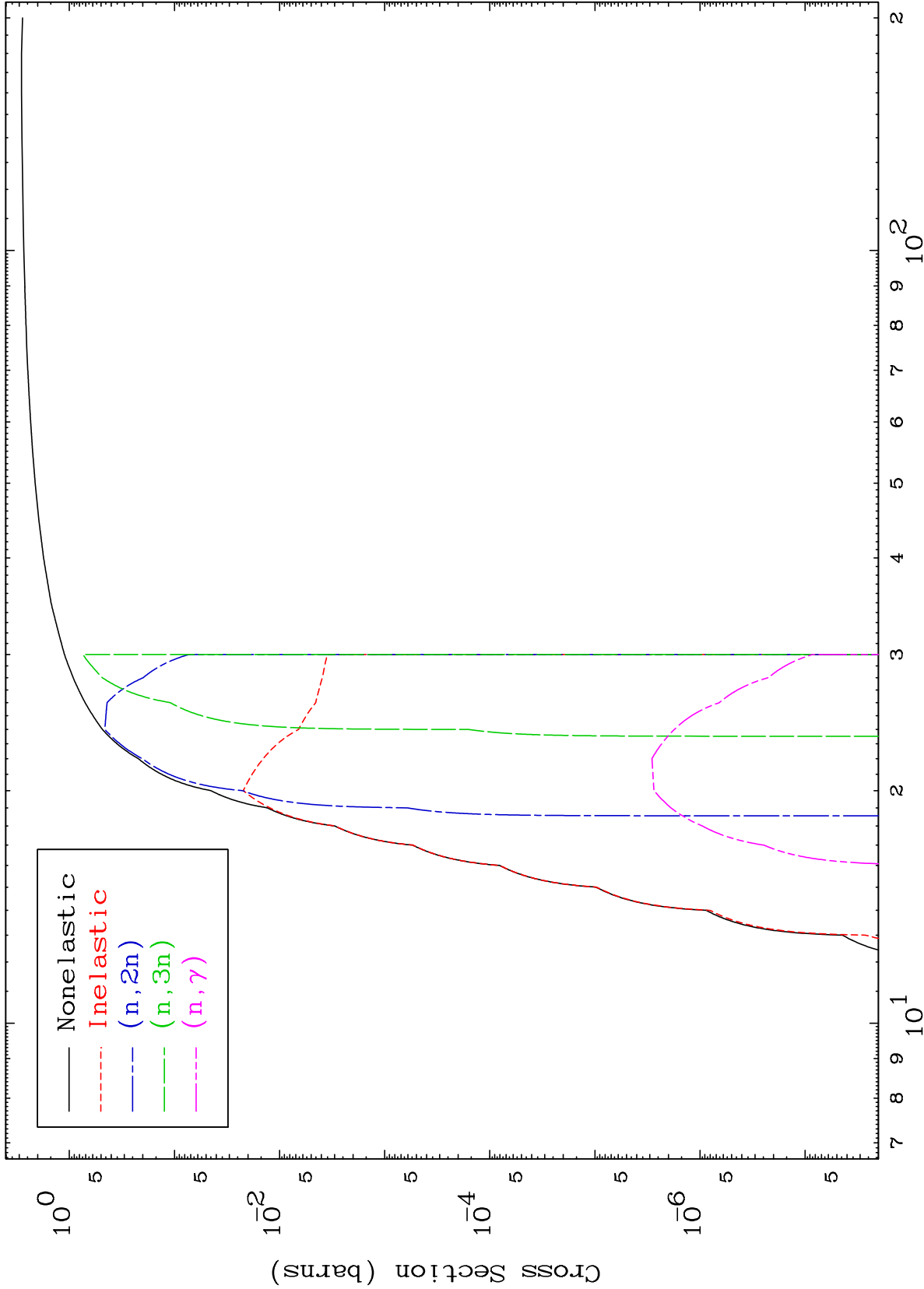
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8335

0 Kelvin Cross Sections

83-Bi-212m



1

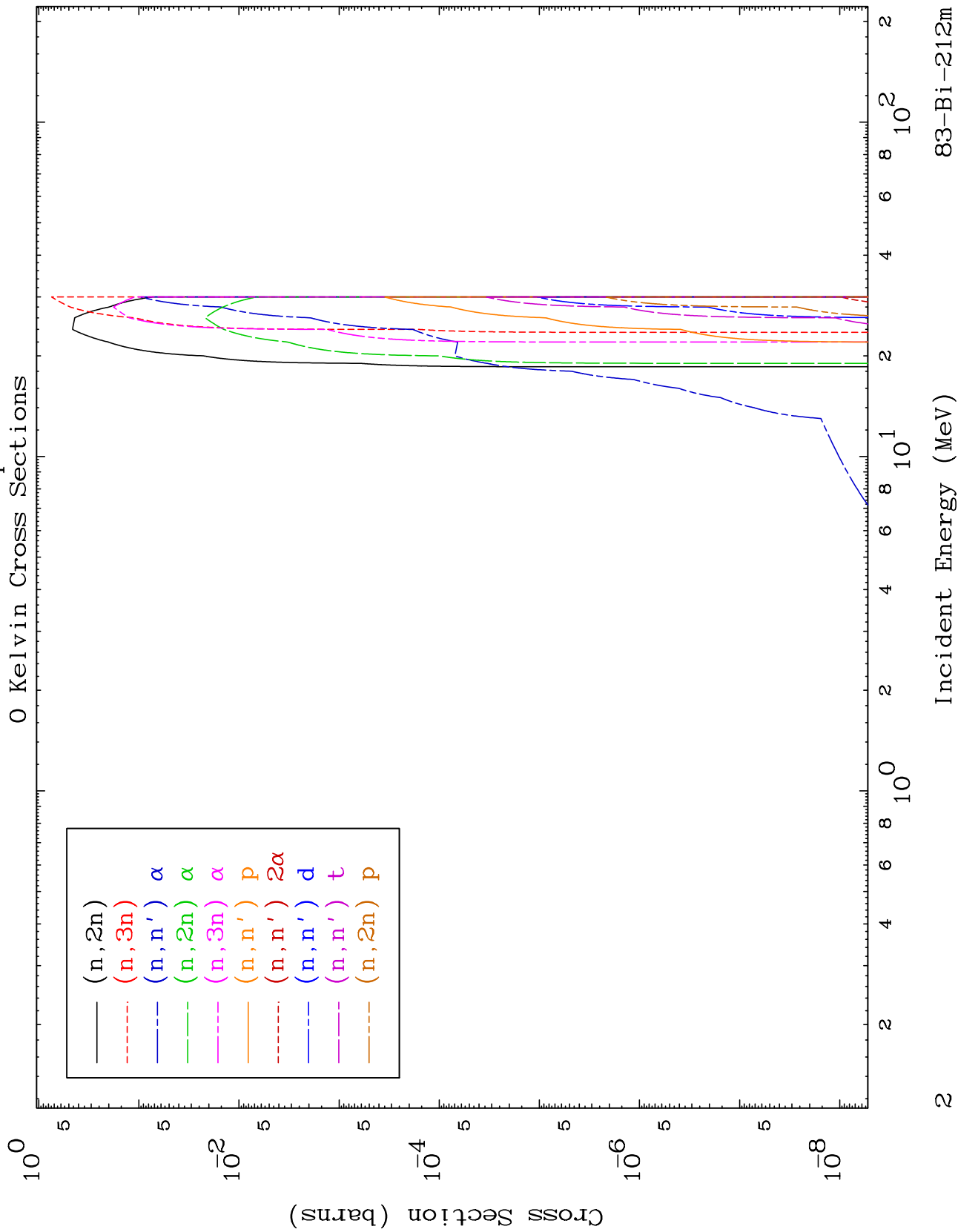
Incident Energy (MeV)

83-Bi-212m

MAT 8335

α Neutron Absorption
0 Kelvin Cross Sections

83-Bi-212m



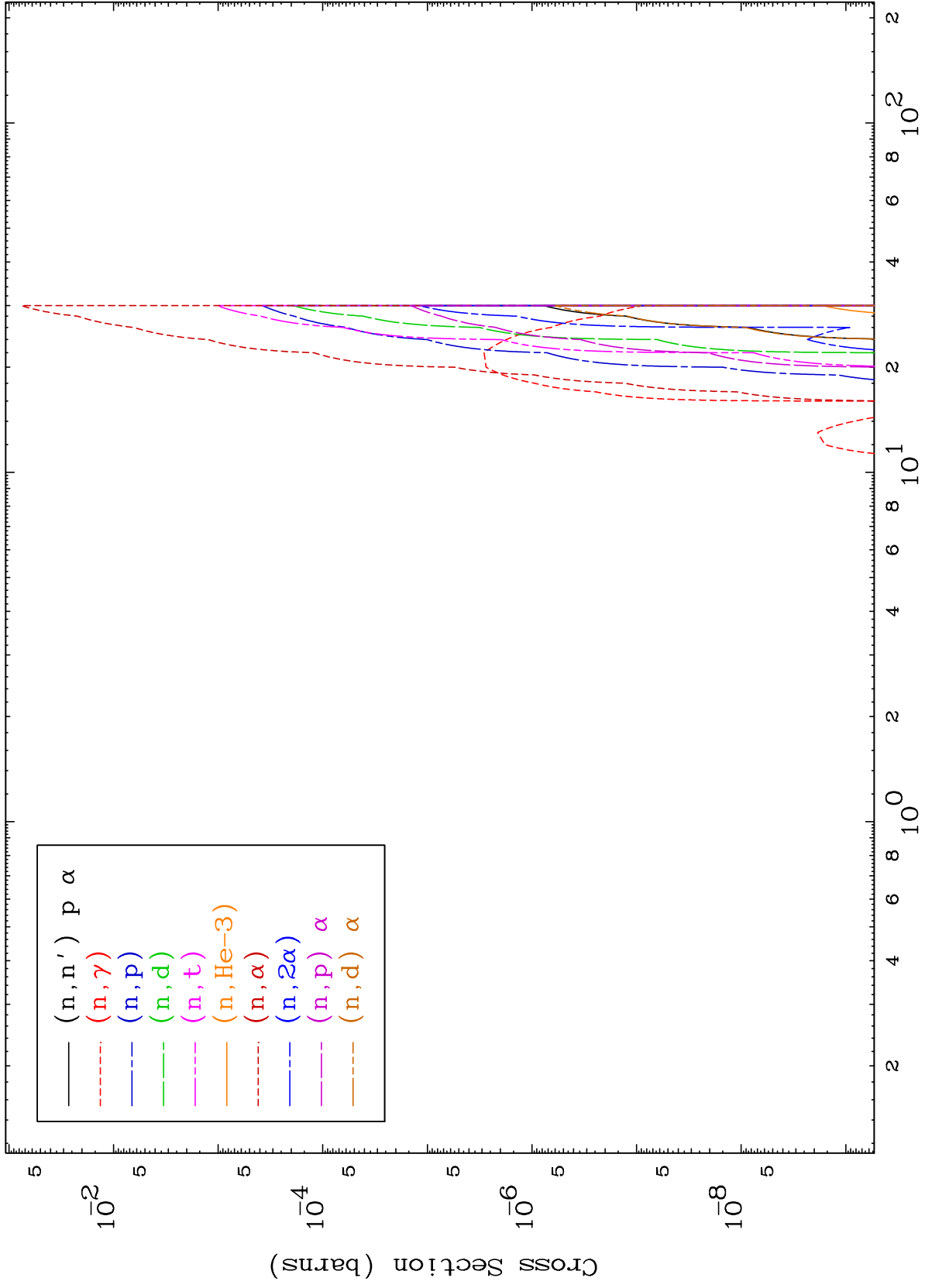
83-Bi-212m

Incident Energy (MeV)

MAT 8335

α Neutron Absorption
0 Kelvin Cross Sections

83-Bi-212m

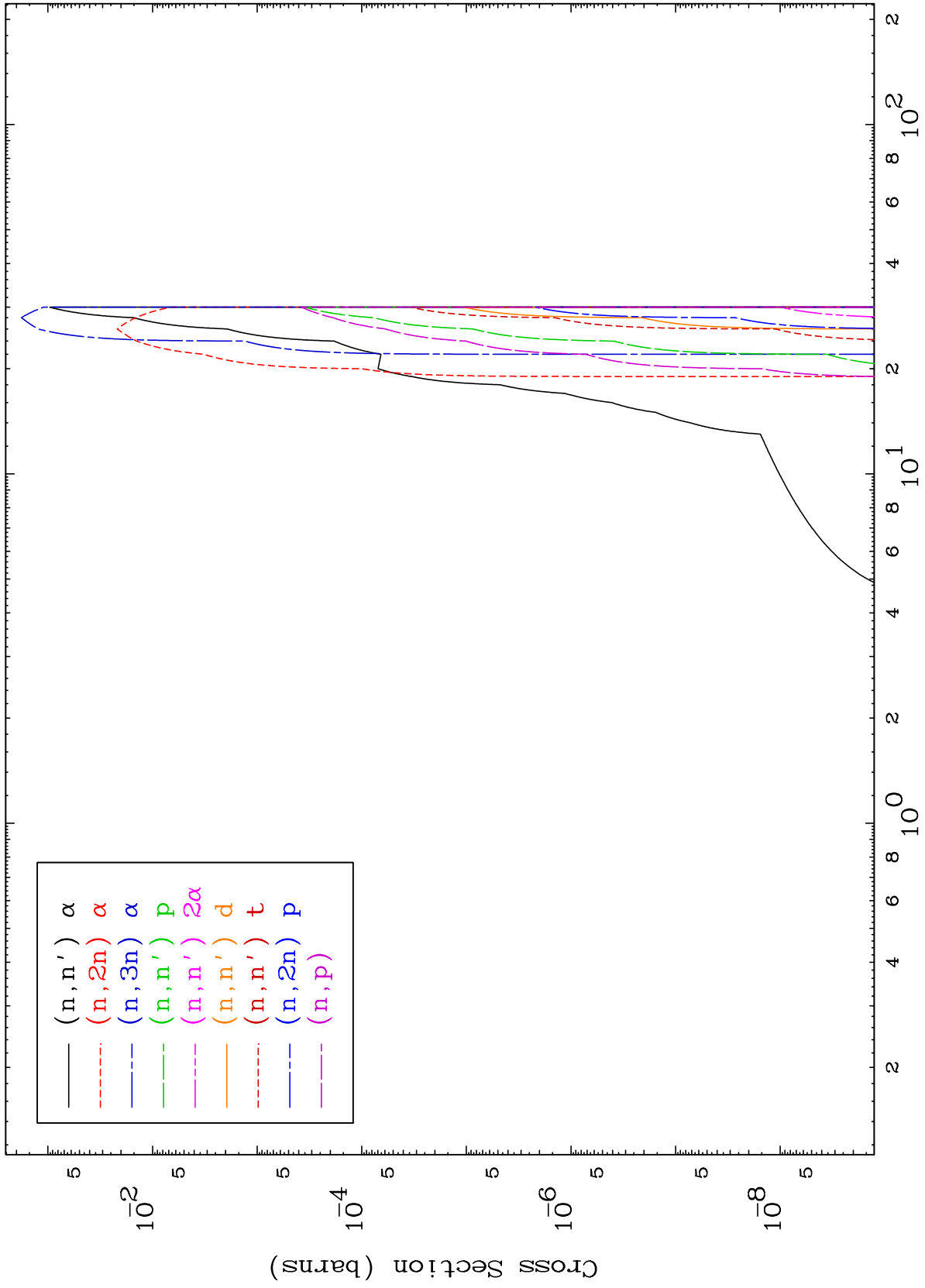


MAT 8335

α Charged Particle

83-Bi-212m

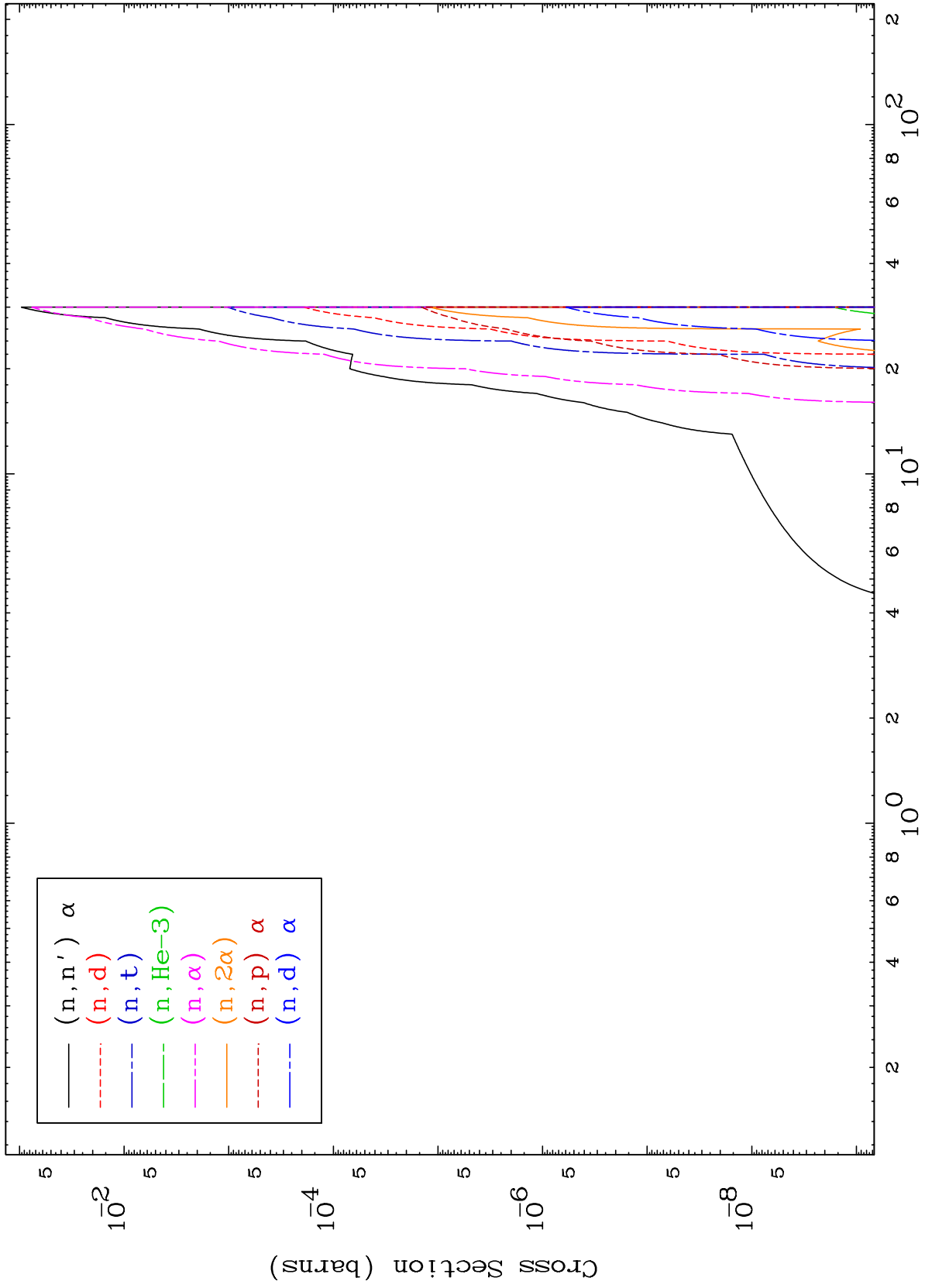
0 Kelvin Cross Sections



MAT 8335

α Charged Particle
0 Kelvin Cross Sections

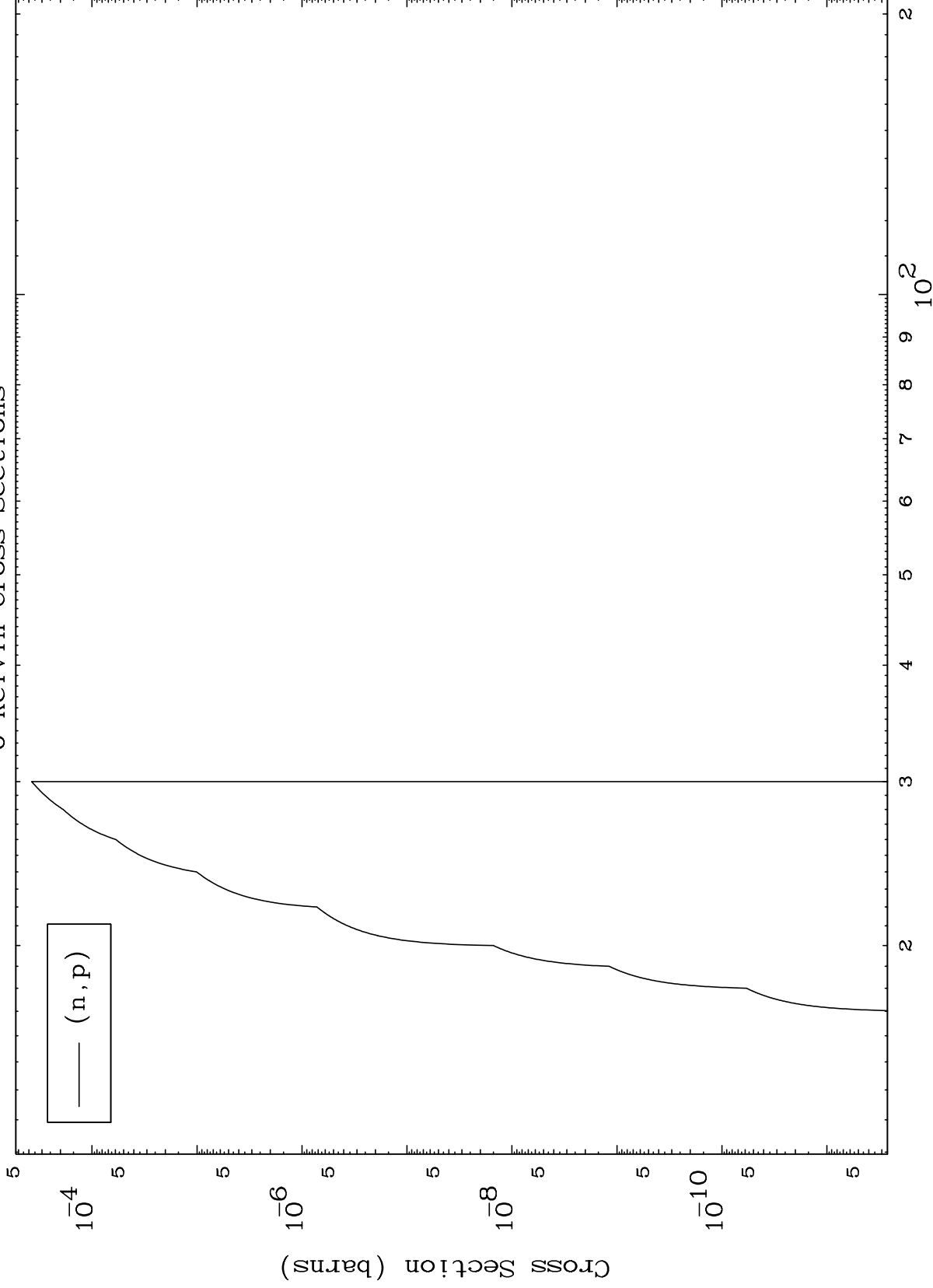
83-Bi-212m



MAT 8335

(α, p) Levels
0 Kelvin Cross Sections

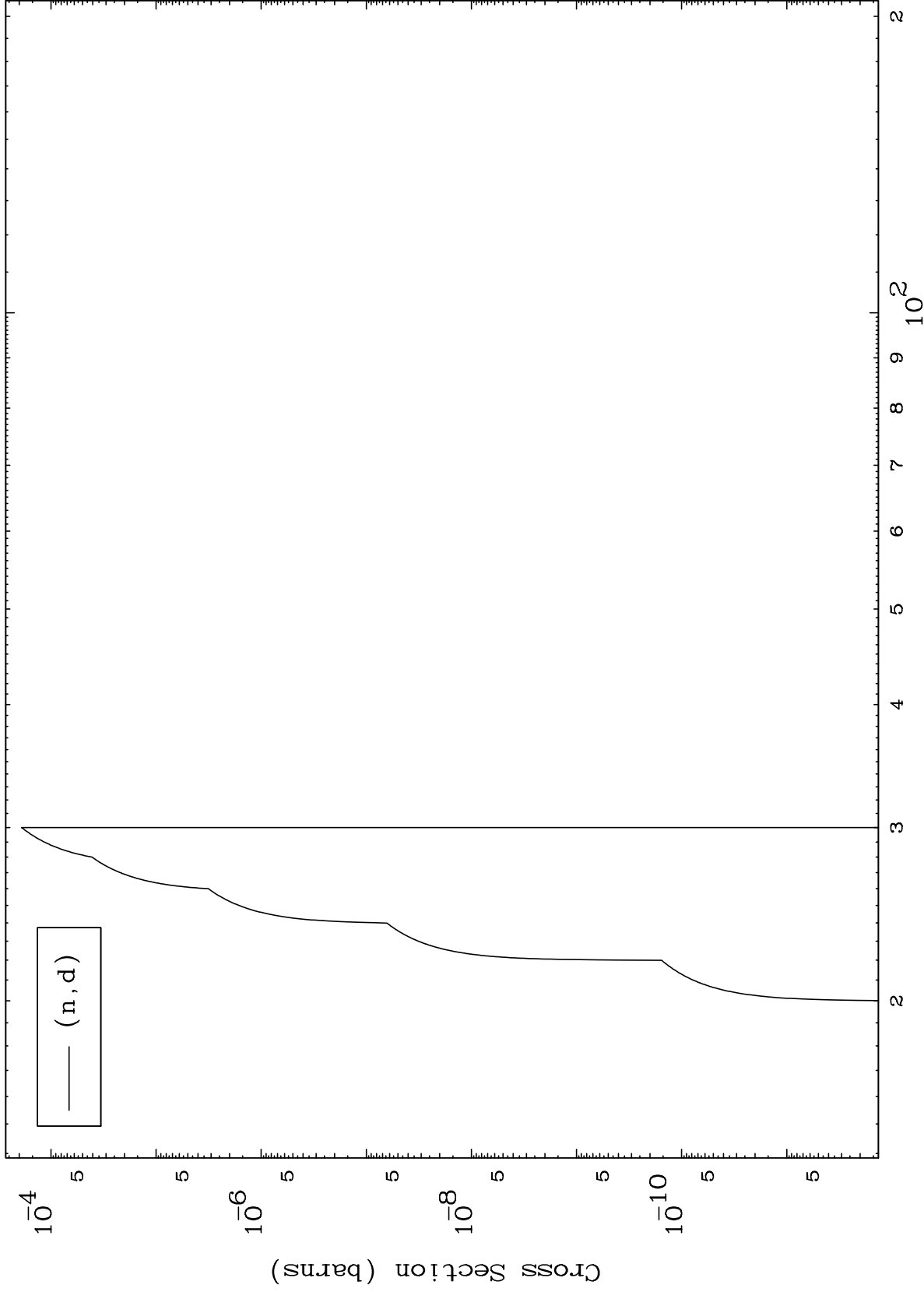
83-Bi-212m



MAT 8335

(α, d) Levels
0 Kelvin Cross Sections

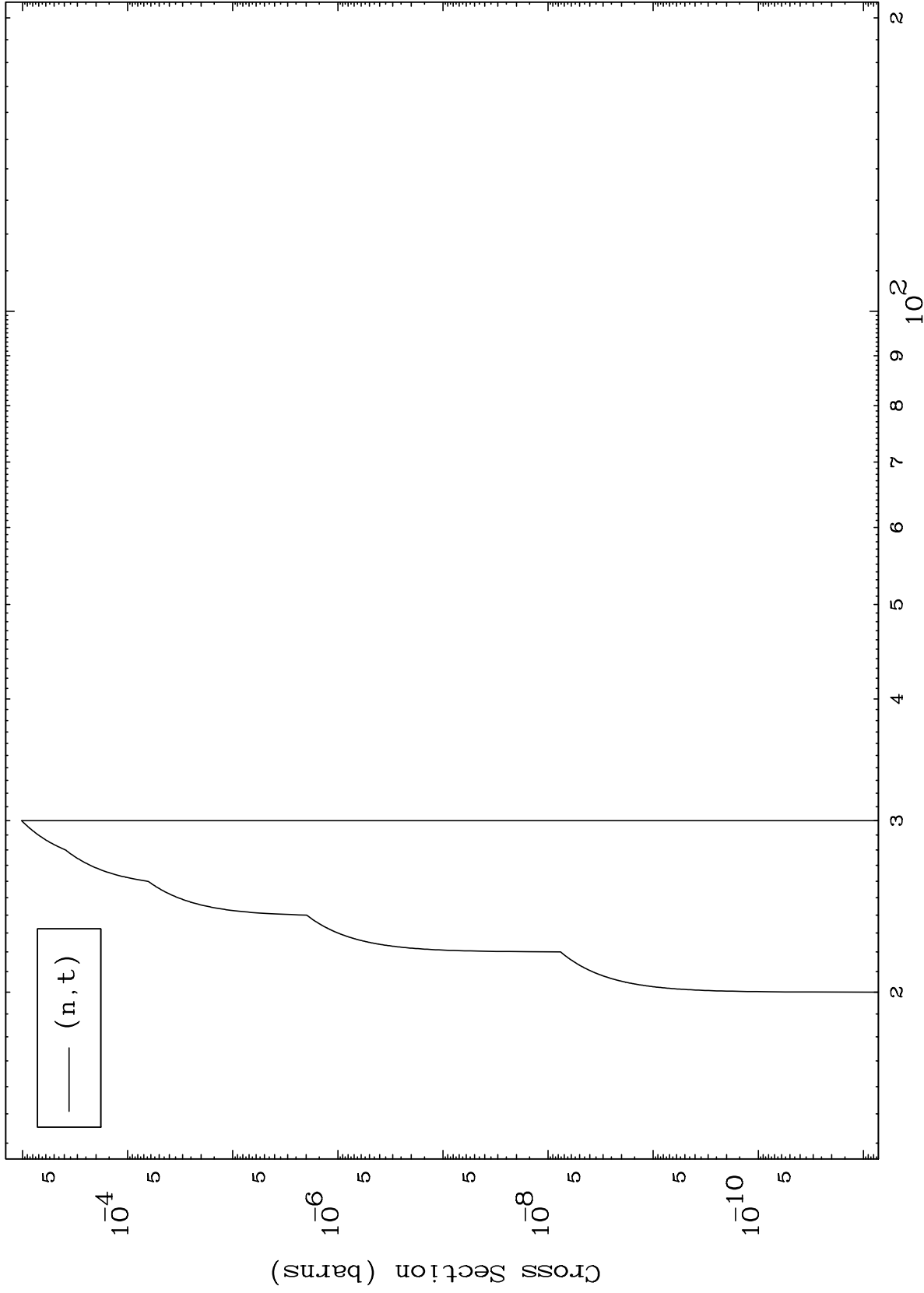
83-Bi-212m

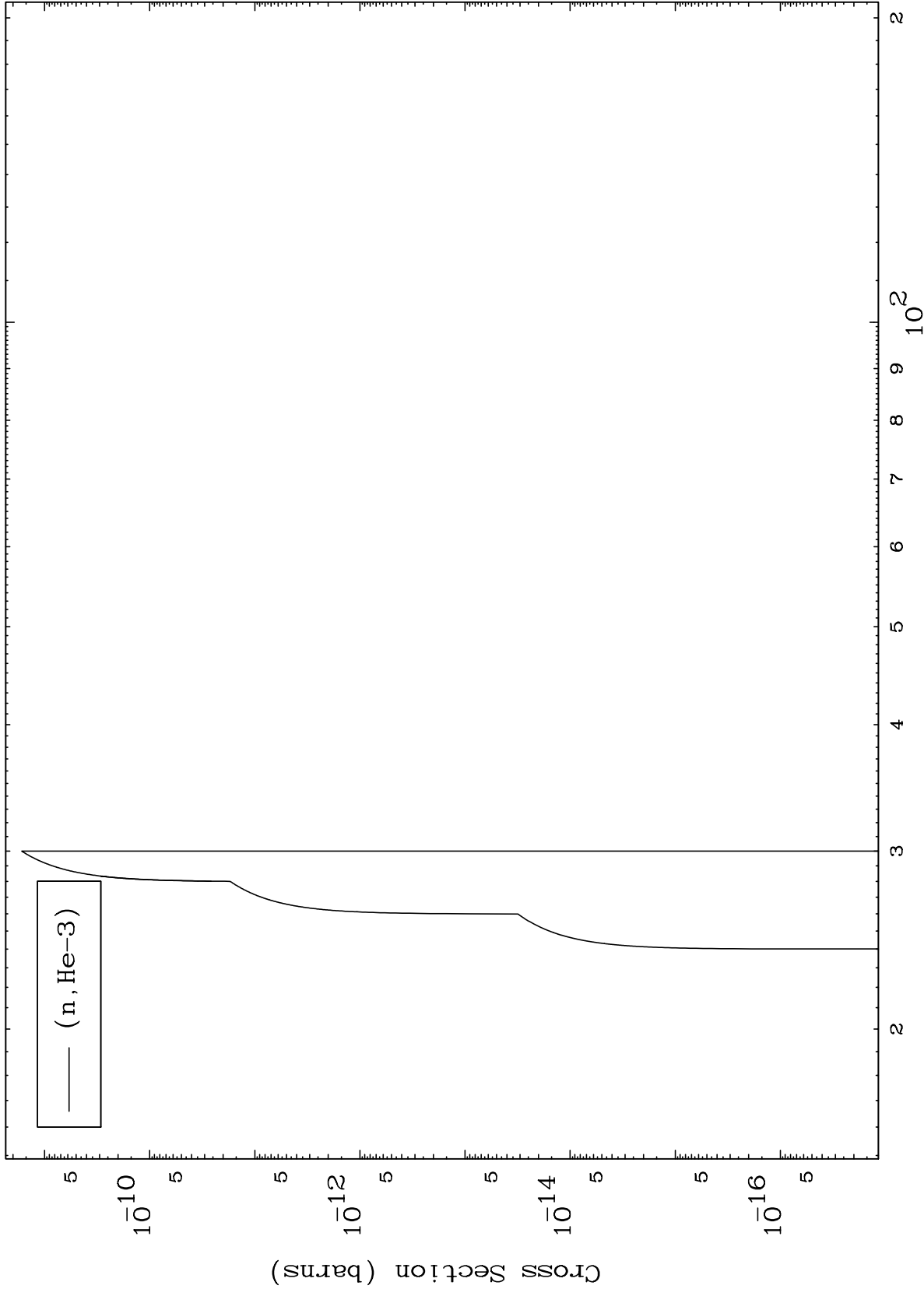


MAT 8335

(α, t) Levels
0 Kelvin Cross Sections

$^{83}\text{Bi}-212\text{m}$

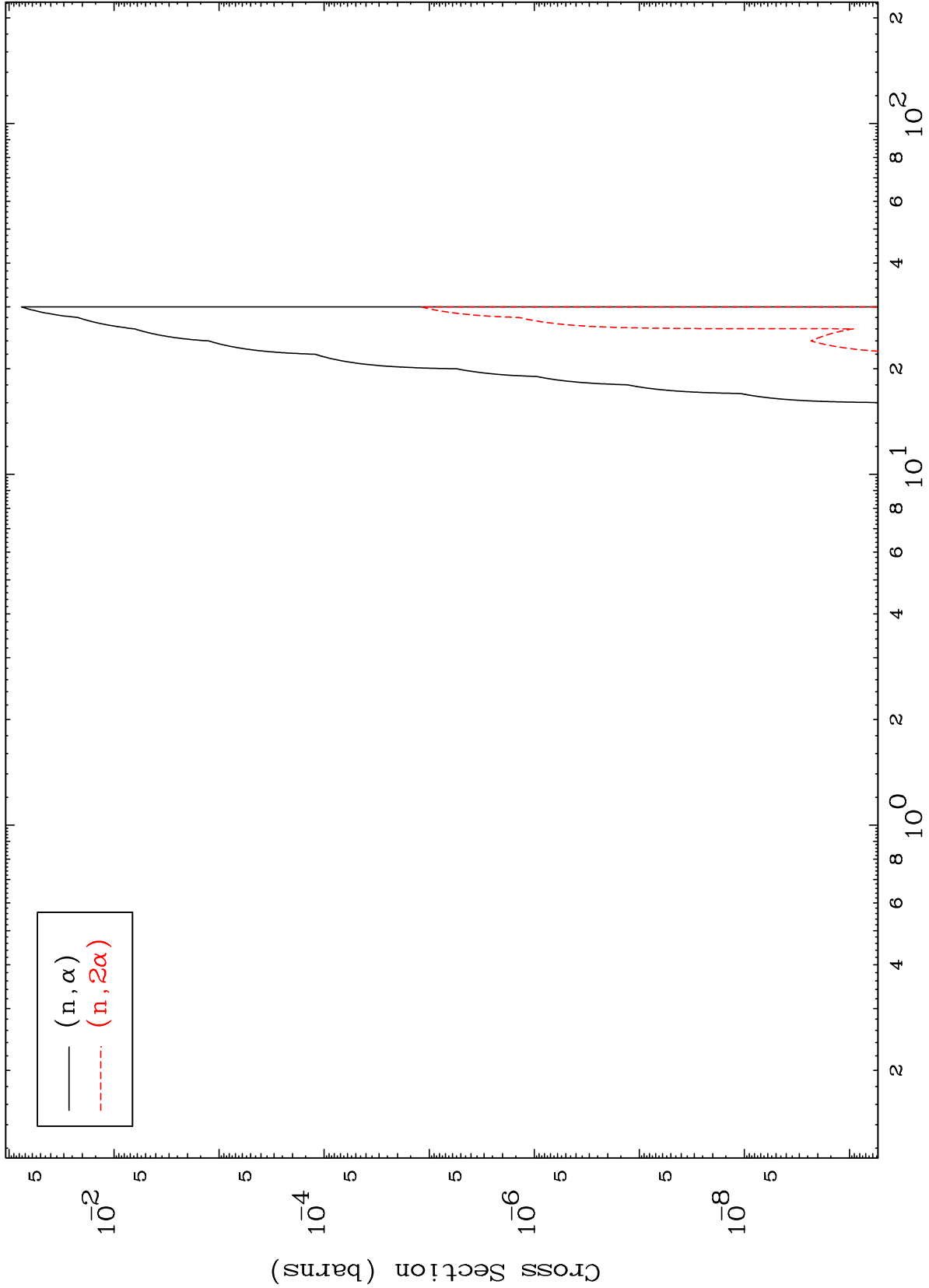




MAT 8335

(α, α) Levels
0 Kelvin Cross Sections

$^{83}\text{Bi}-212\text{m}$



10

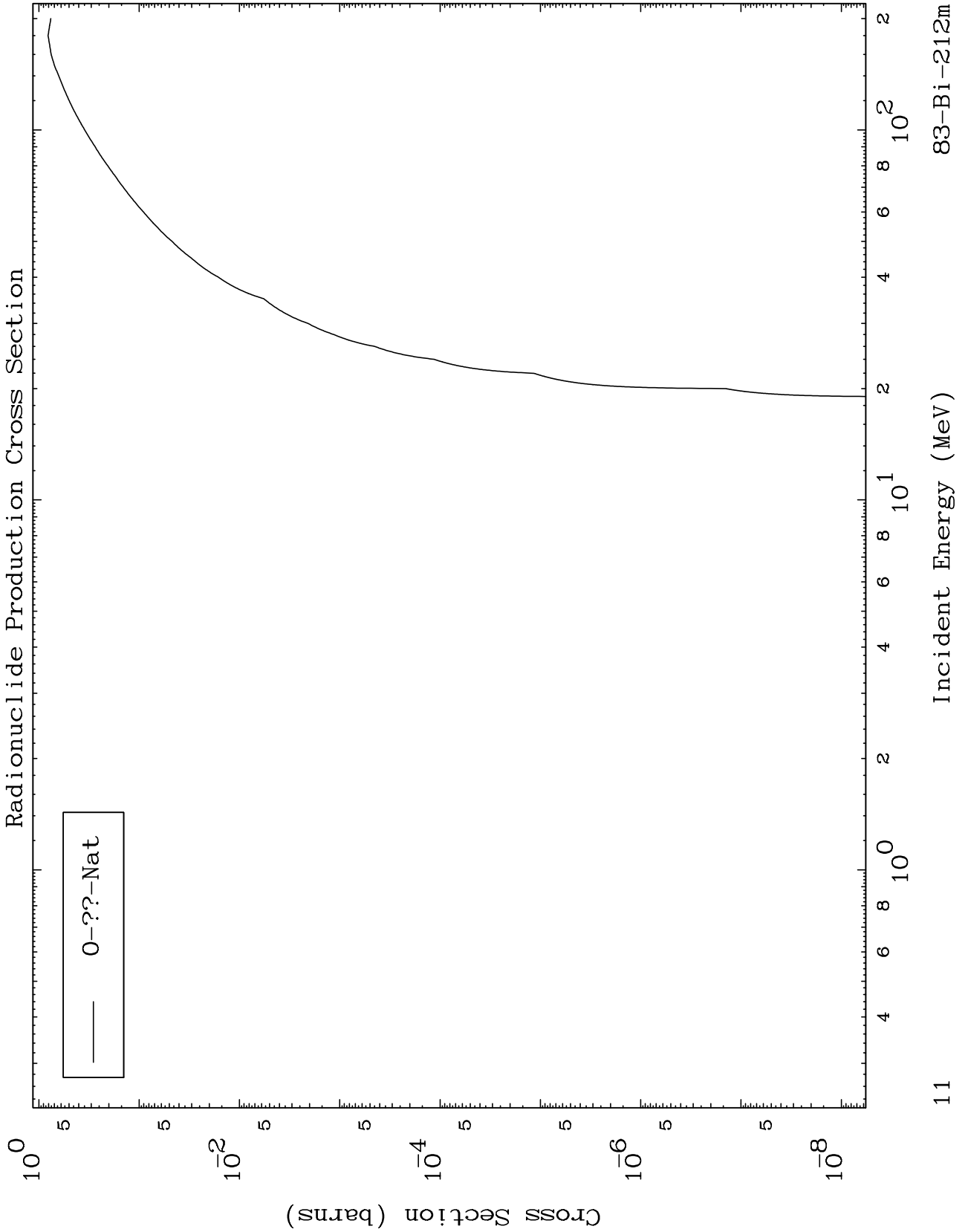
Incident Energy (MeV)

$^{83}\text{Bi}-212\text{m}$

MAT 8335

Fission

⁸³Bi-212m

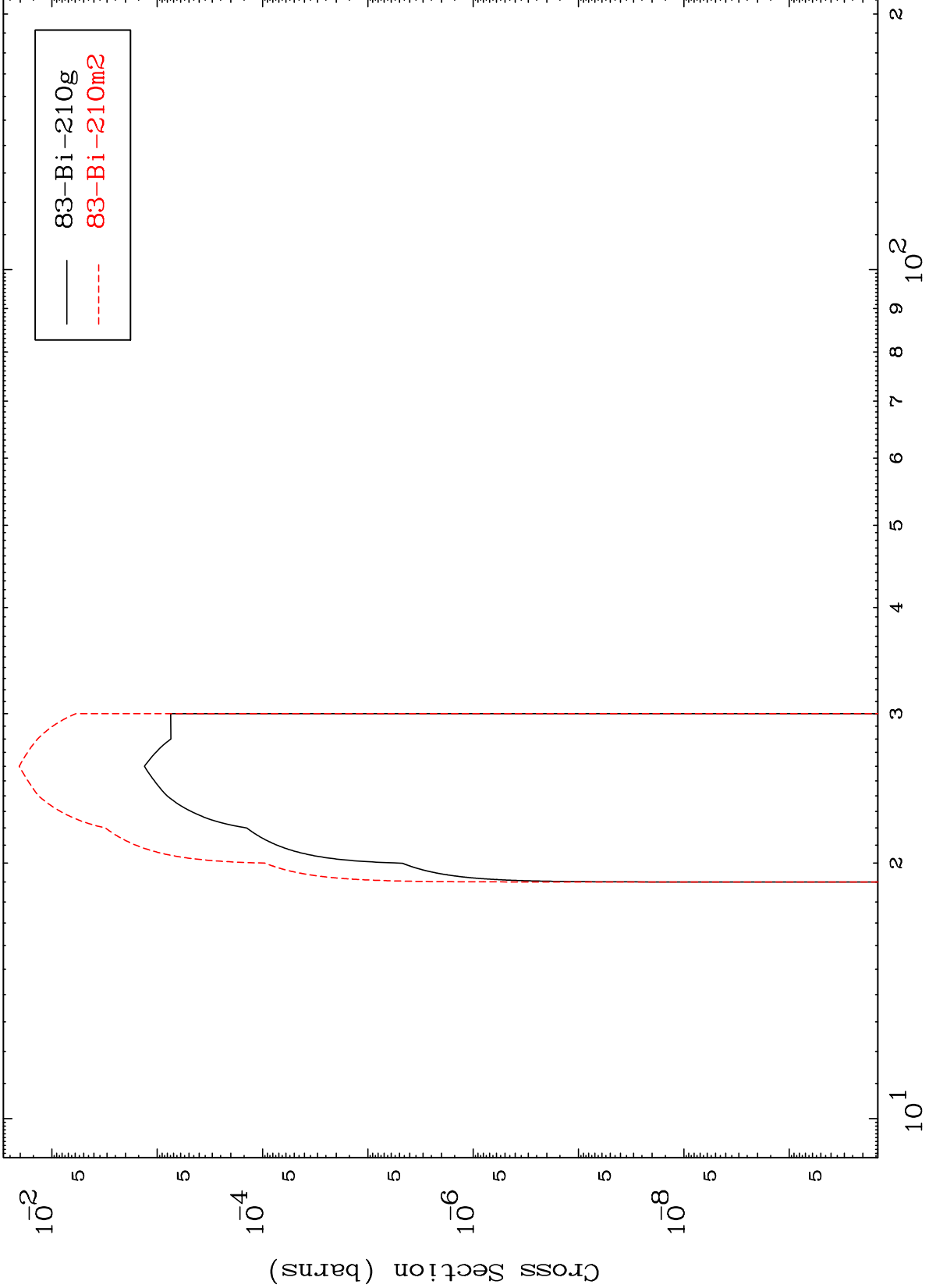


MAT 8335

$(n,2n) \alpha$

83-Bi-212m

Radionuclide Production Cross Section



83-Bi-210g
83-Bi-210m2

12

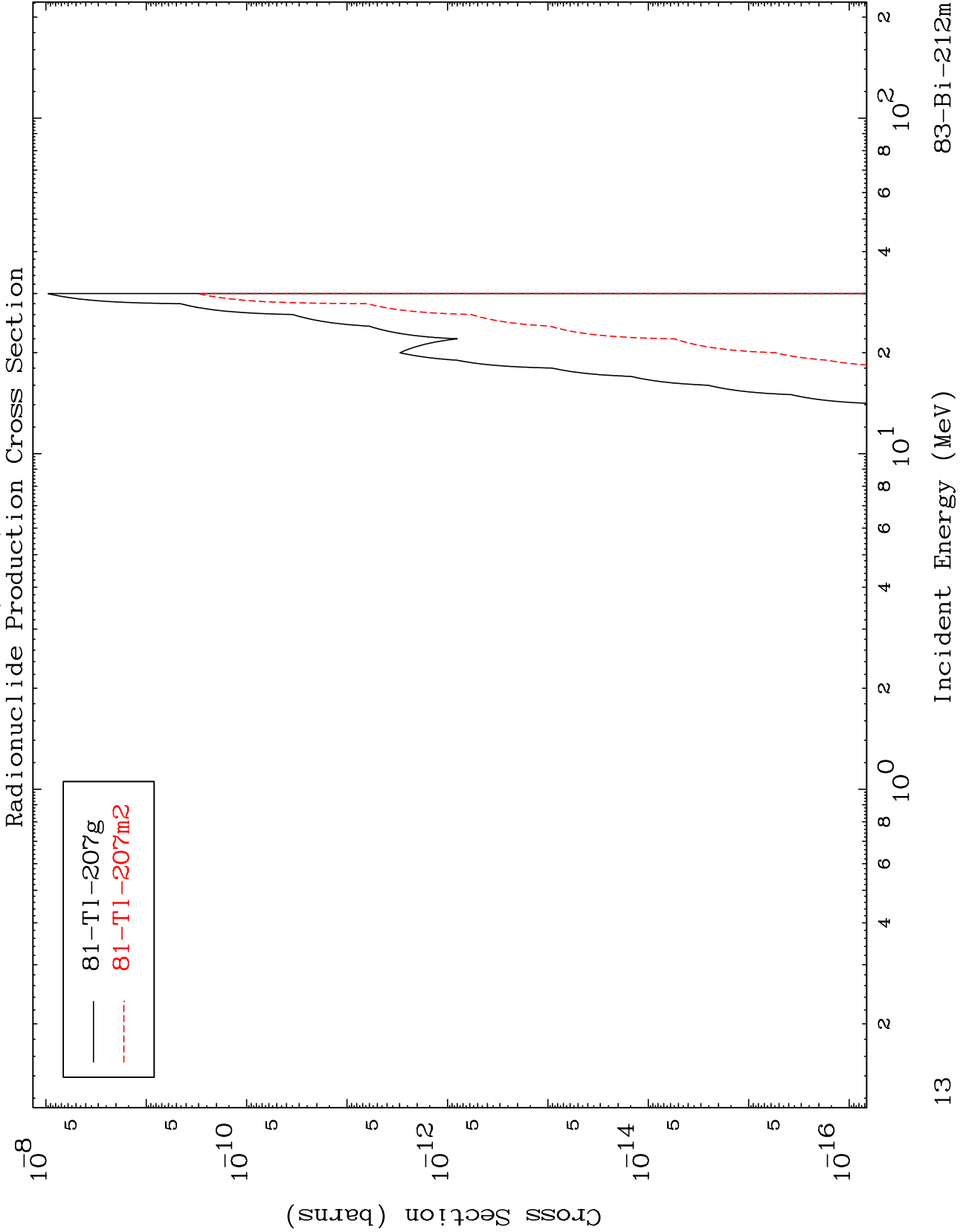
Incident Energy (MeV)

83-Bi-212m

MAT 8335

(n,n') 2 α

83-Bi-212m

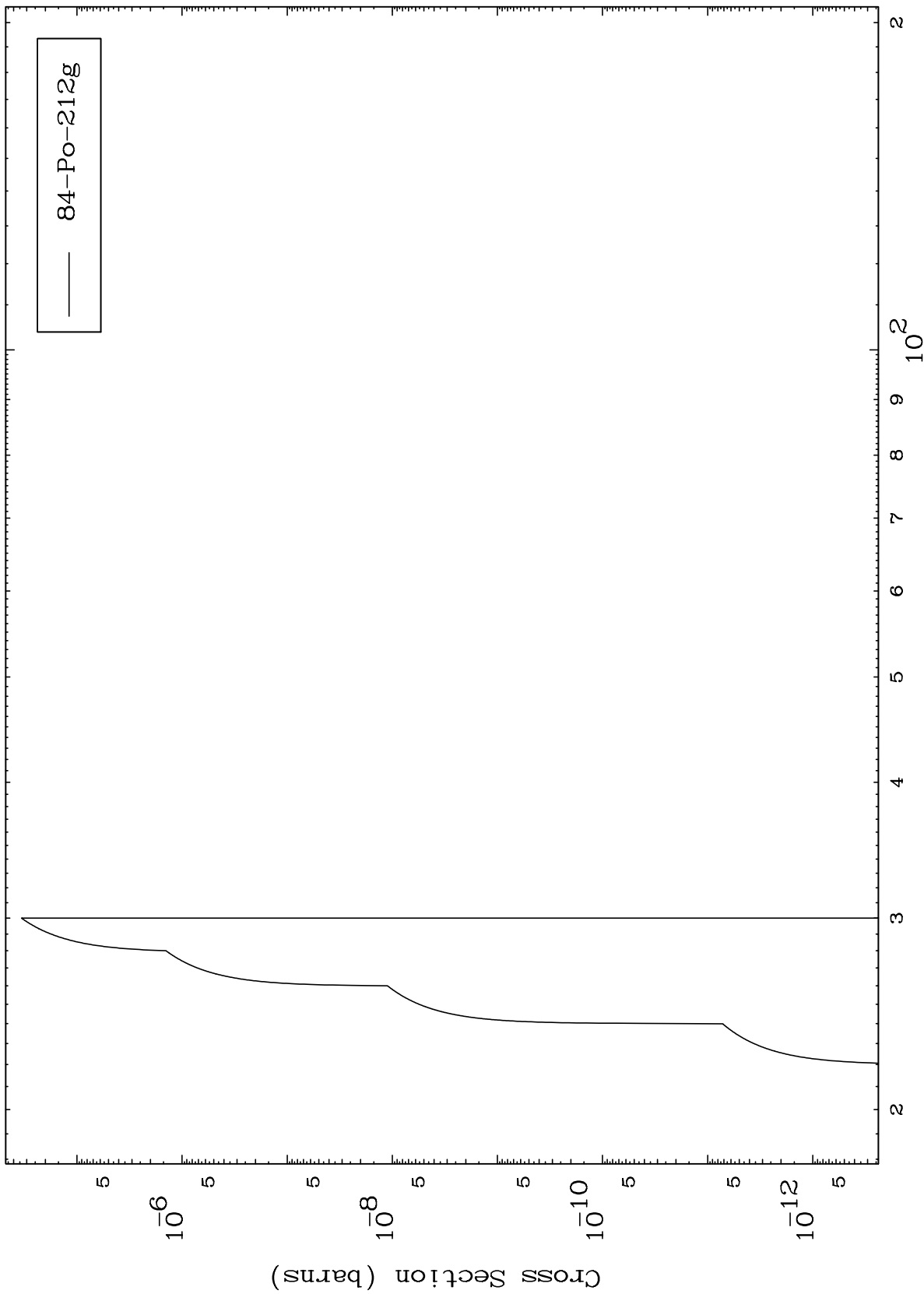


MAT 8335

(n,n') t

83-Bi-212m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

83-Bi-212m

MAT 8335

(n, α)

⁸³Bi-212m

Radionuclide Production Cross Section

