

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

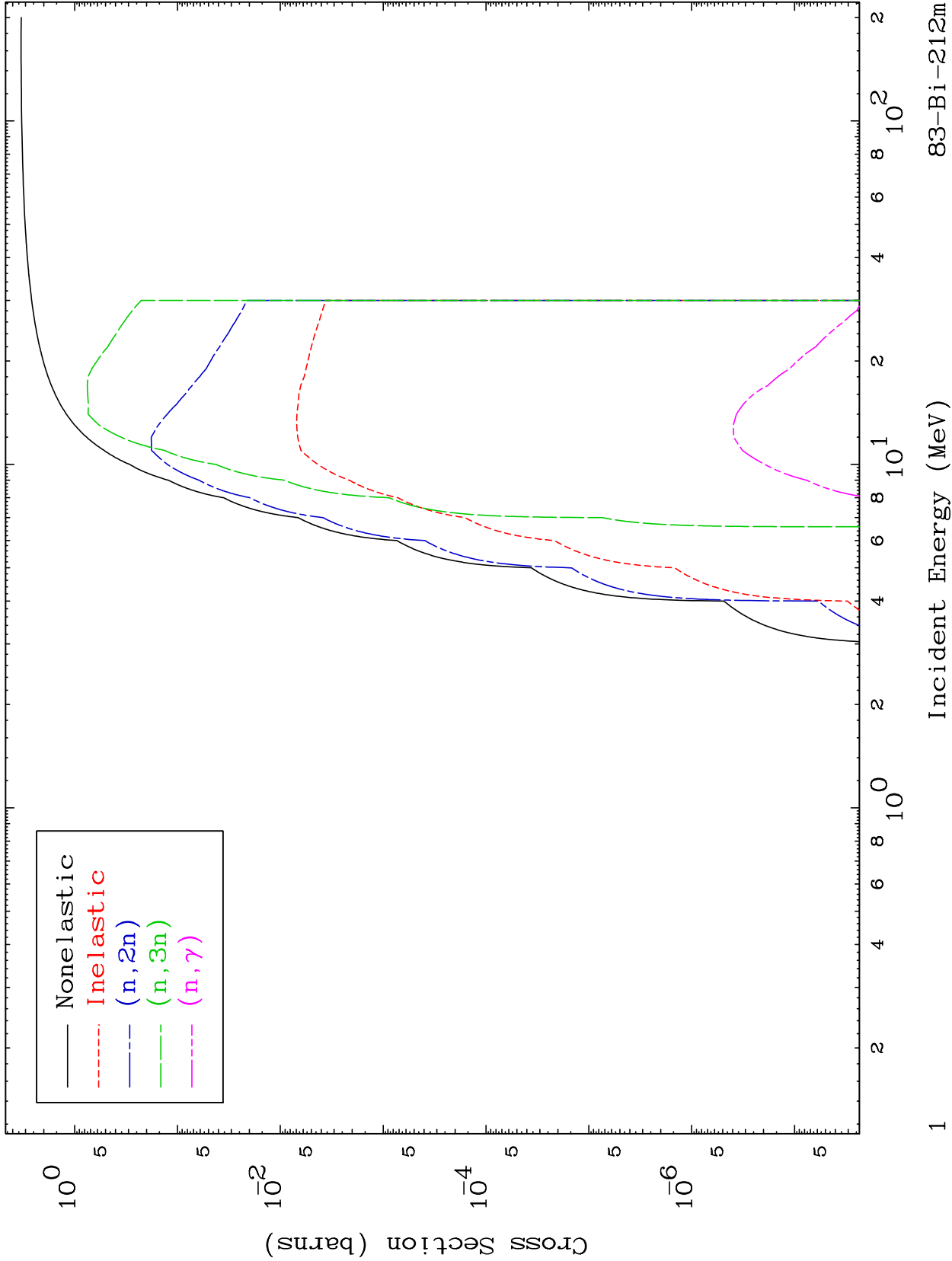
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8335

Deuteron Major
0 Kelvin Cross Sections

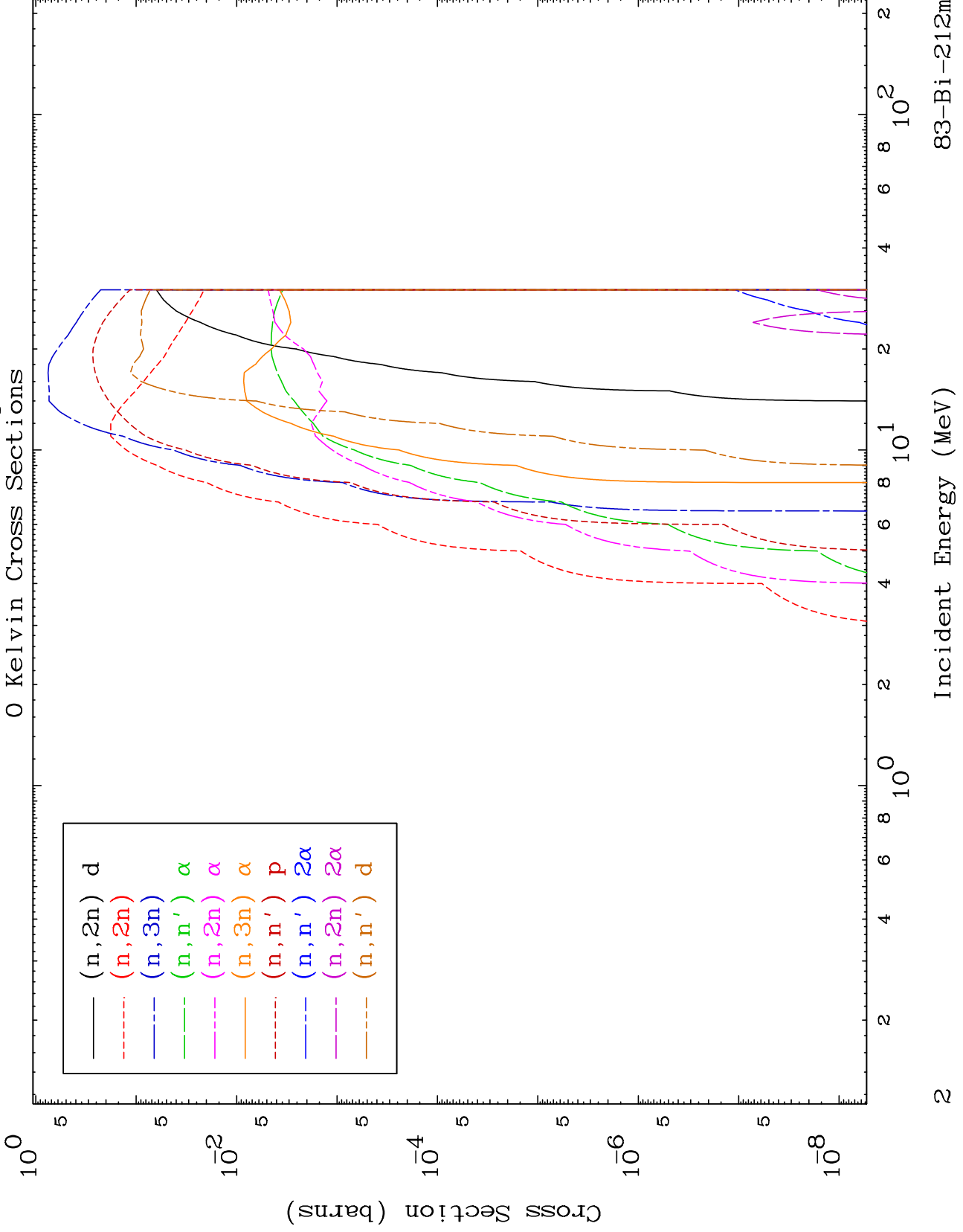
83-Bi-212m



MAT 8335

Deuteron Neutron Absorption
0 Kelvin Cross Sections

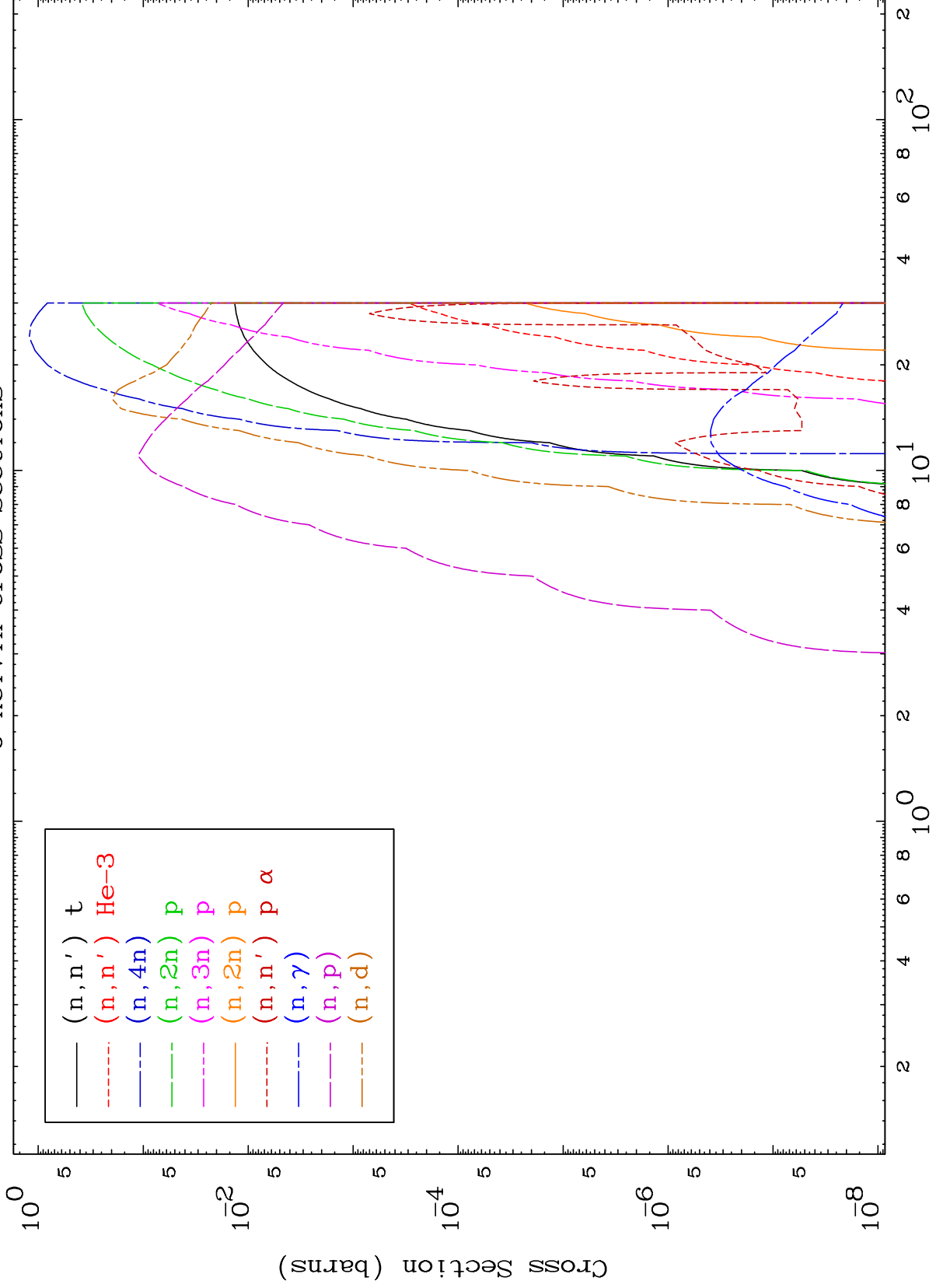
83-Bi-212m



MAT 8335

Deuteron Neutron Absorption
0 Kelvin Cross Sections

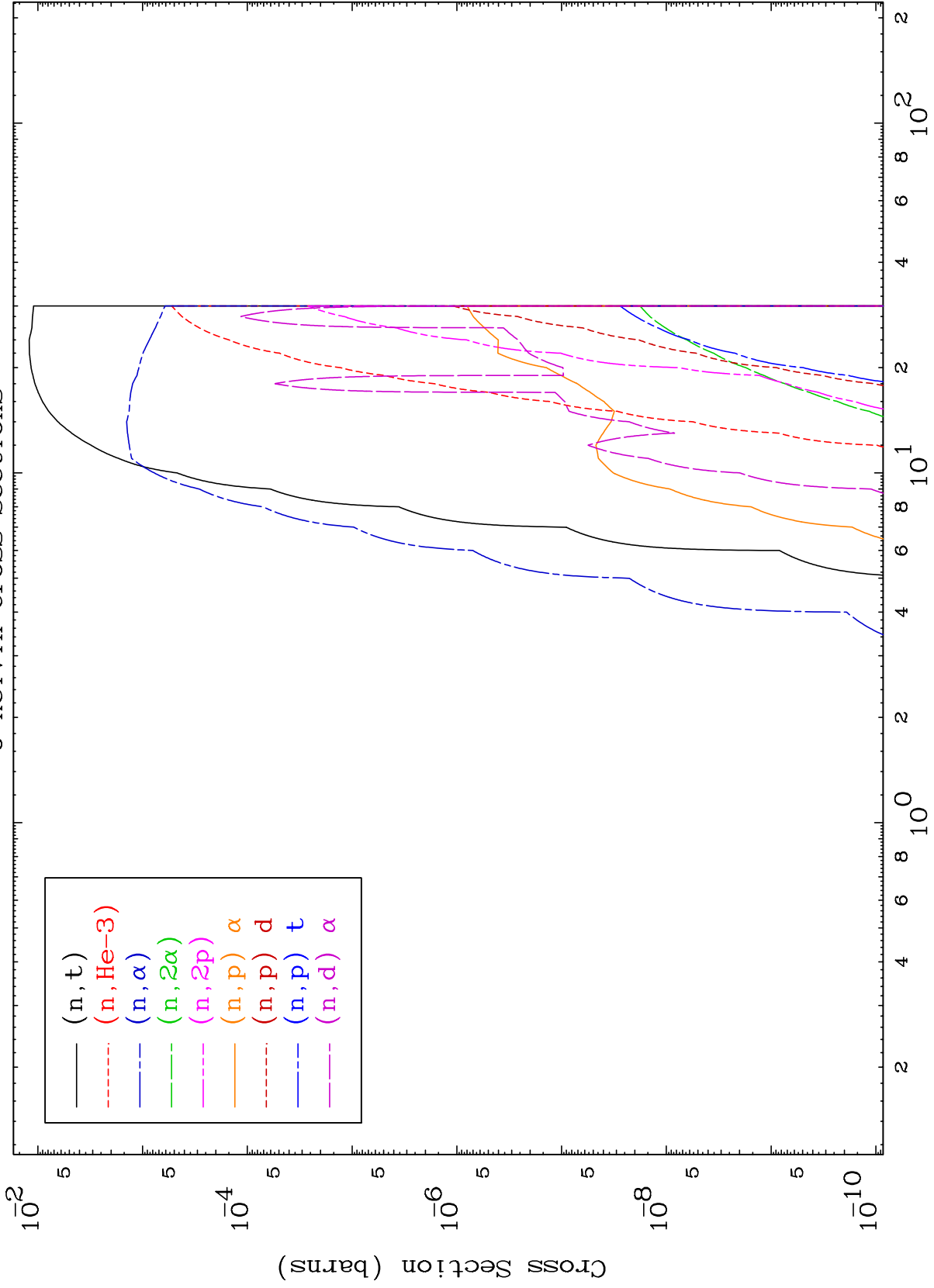
83-Bi-212m



MAT 8335

Deuteron Neutron Absorption
0 Kelvin Cross Sections

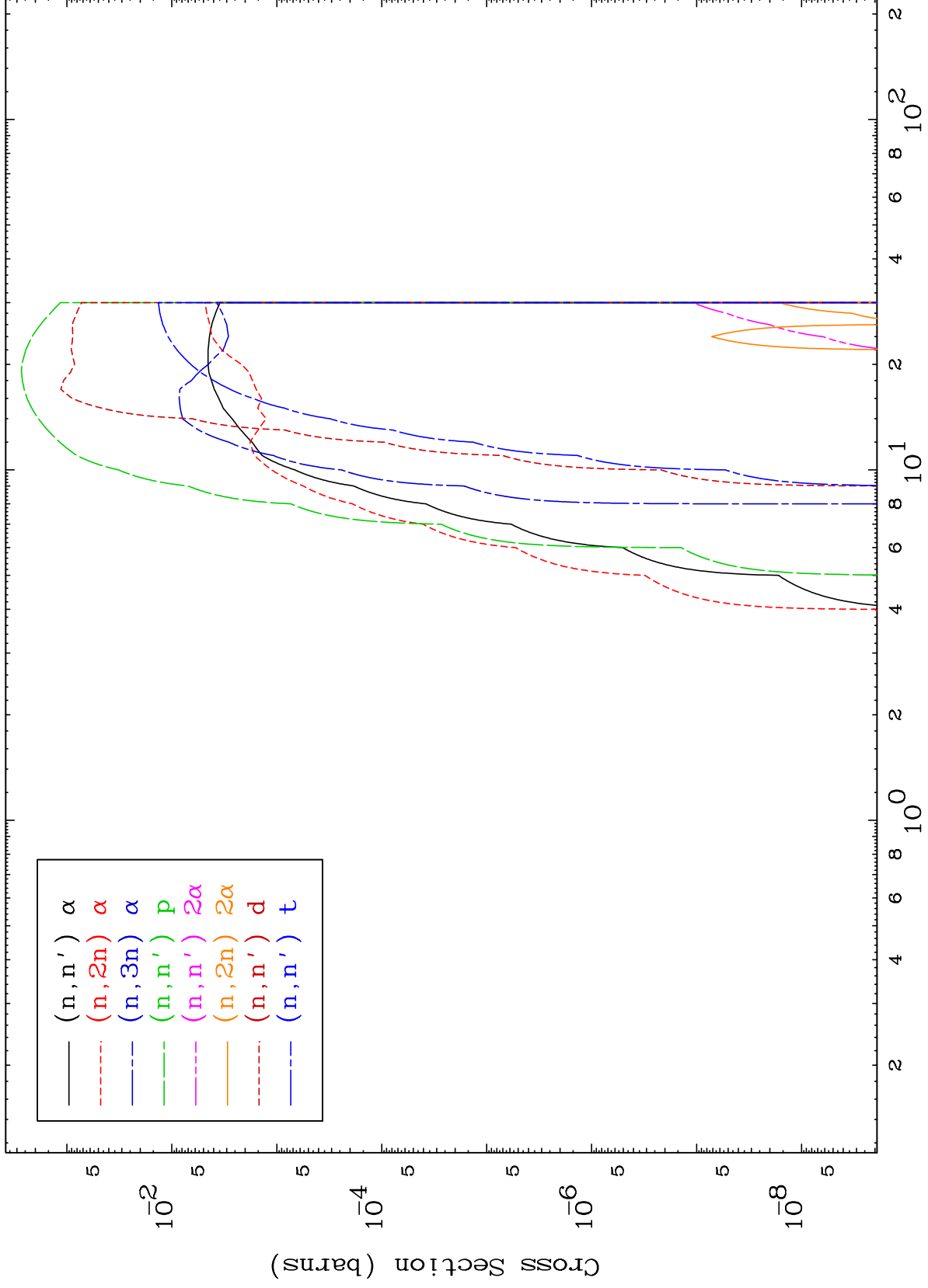
83-Bi-212m



MAT 8335

Deuteron Charged Particle
0 Kelvin Cross Sections

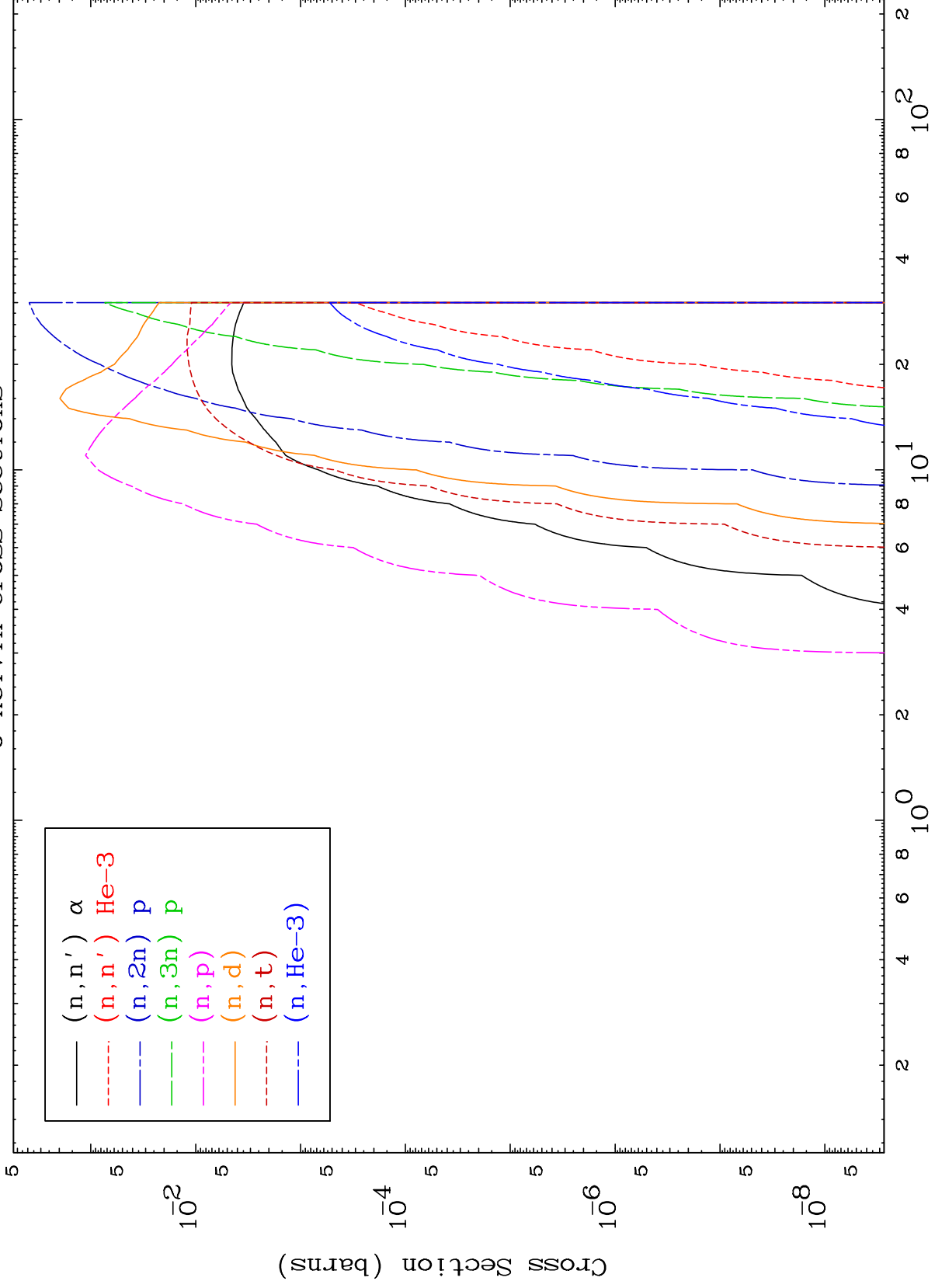
83-Bi-212m



MAT 8335

Deuteron Charged Particle
0 Kelvin Cross Sections

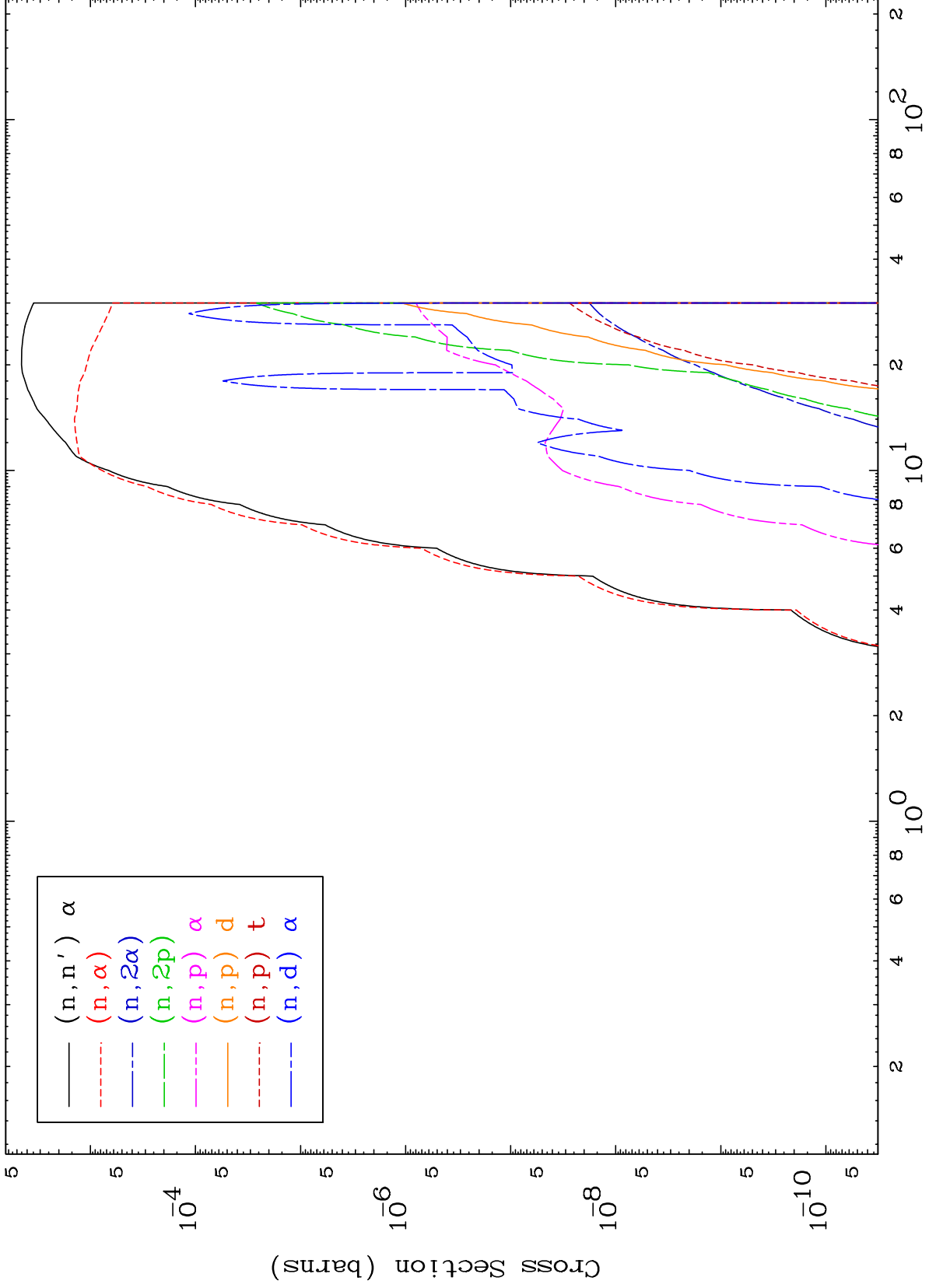
83-Bi-212m



MAT 8335

Deuteron Charged Particle
0 Kelvin Cross Sections

83-Bi-212m

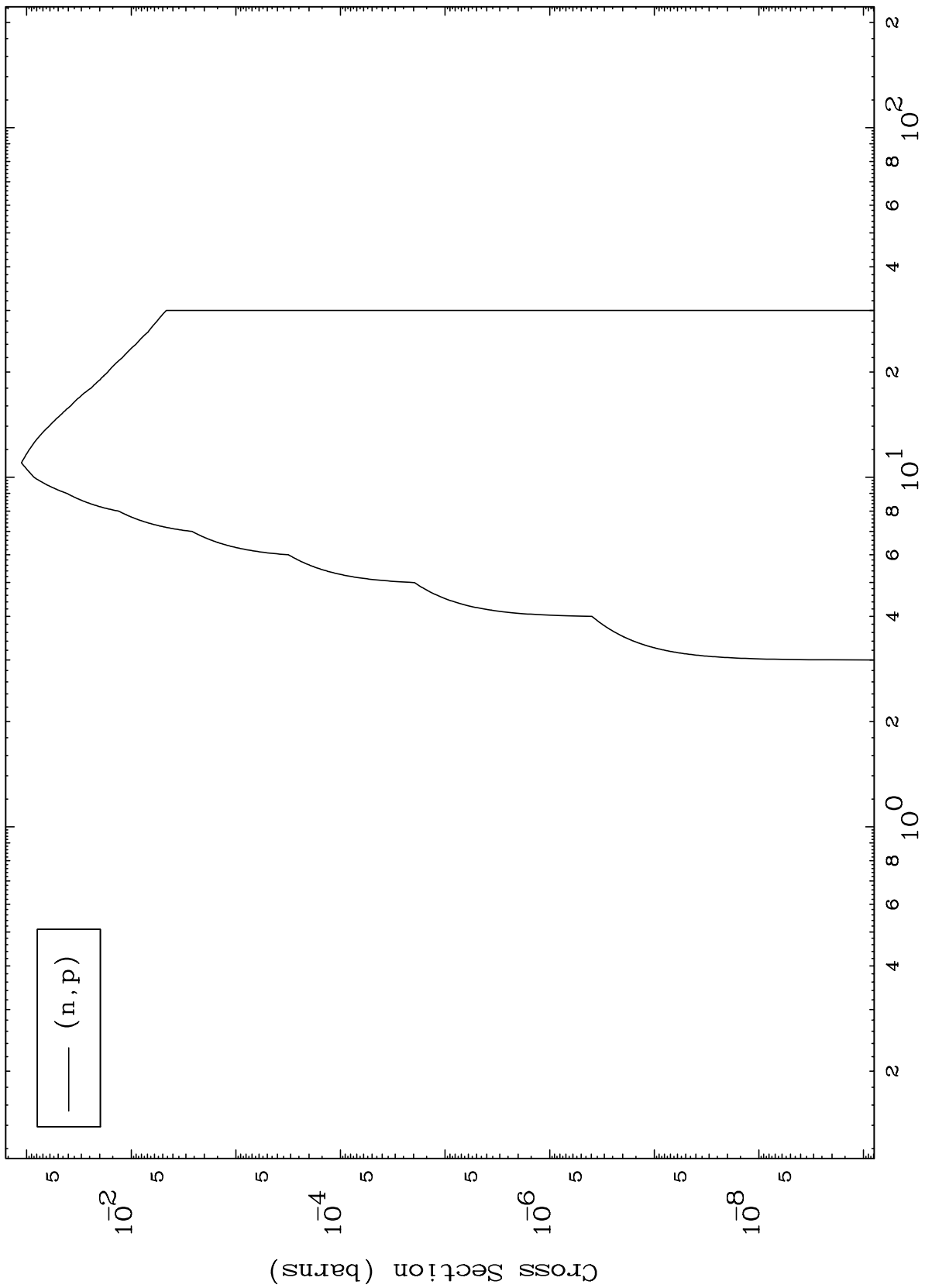


MAT 8335

(d,p) Levels

83-Bi-212m

0 Kelvin Cross Sections

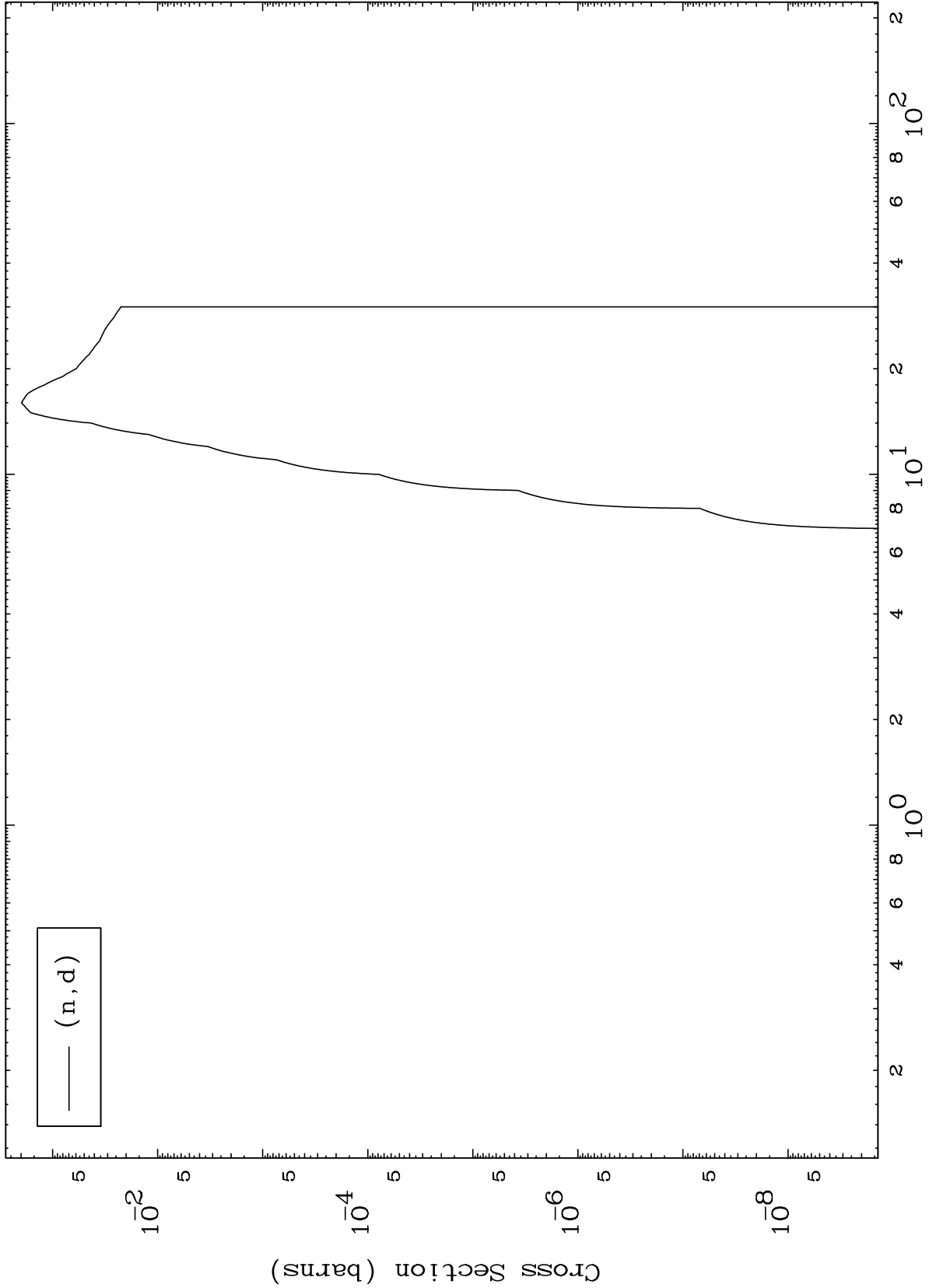


MAT 8335

(d,d) Levels

83-Bi-212m

0 Kelvin Cross Sections

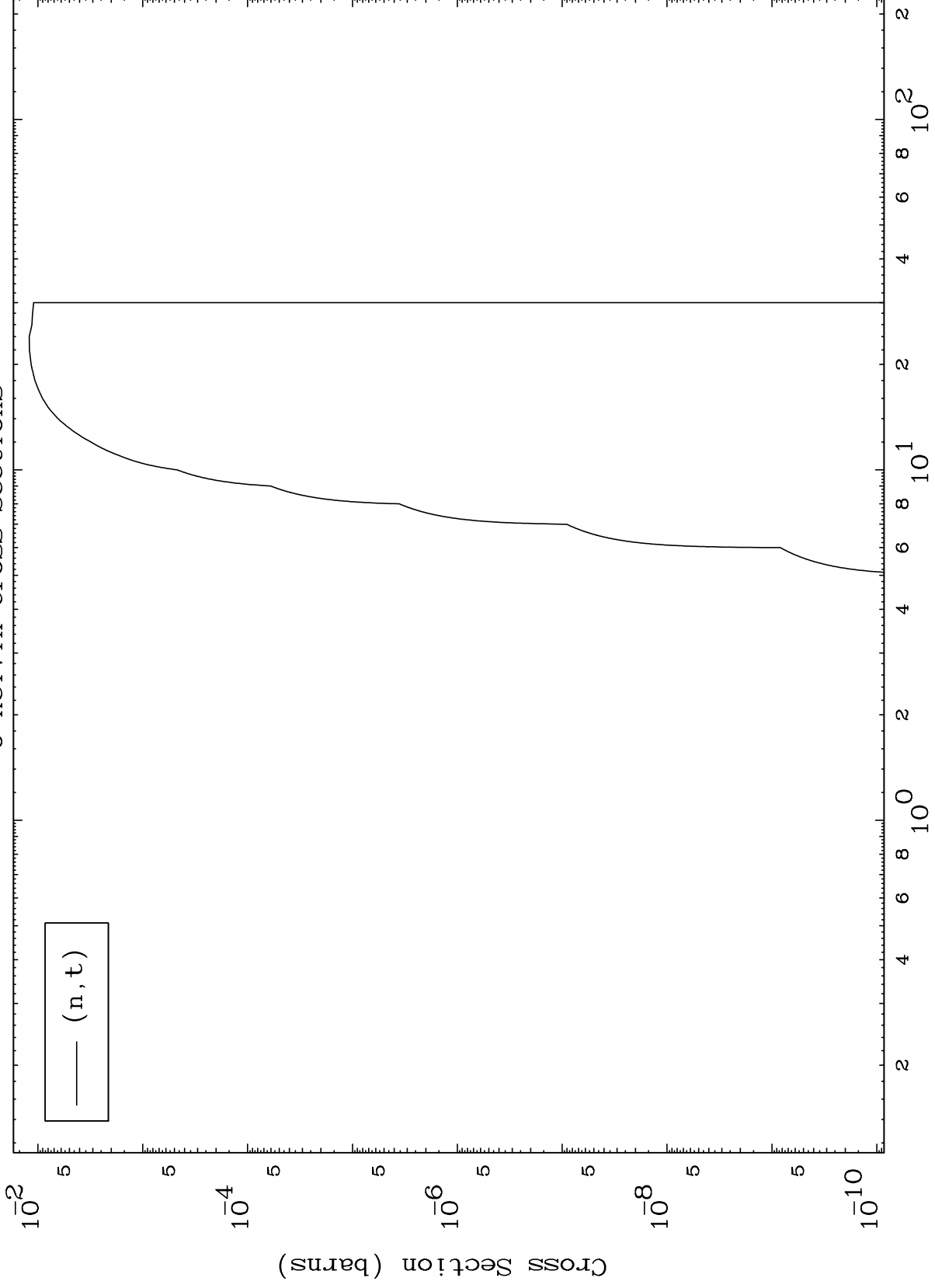


MAT 8335

(d, t) Levels

83-Bi-212m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

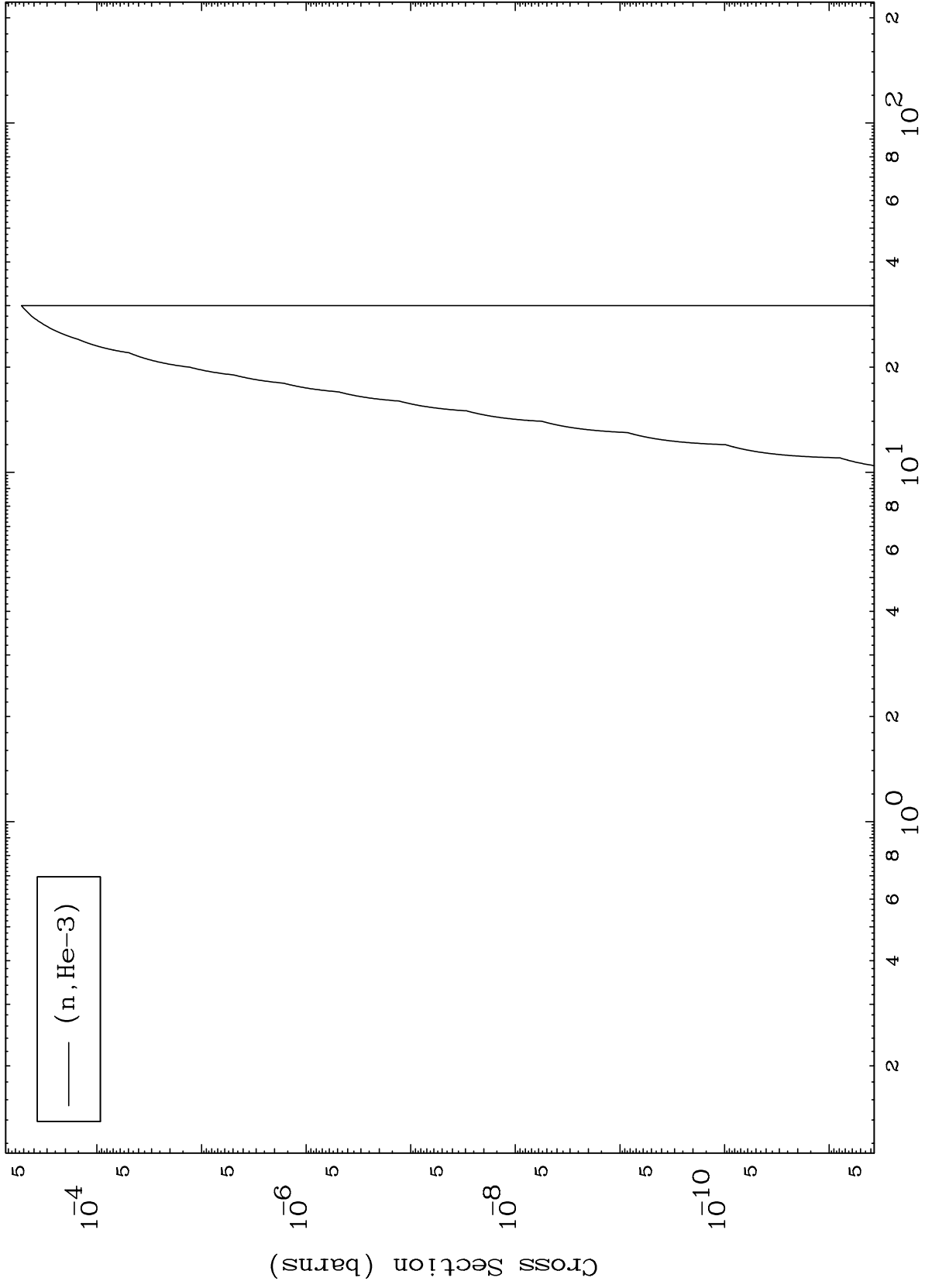
83-Bi-212m

MAT 8335

(d,He3) Levels

83-Bi-212m

0 Kelvin Cross Sections

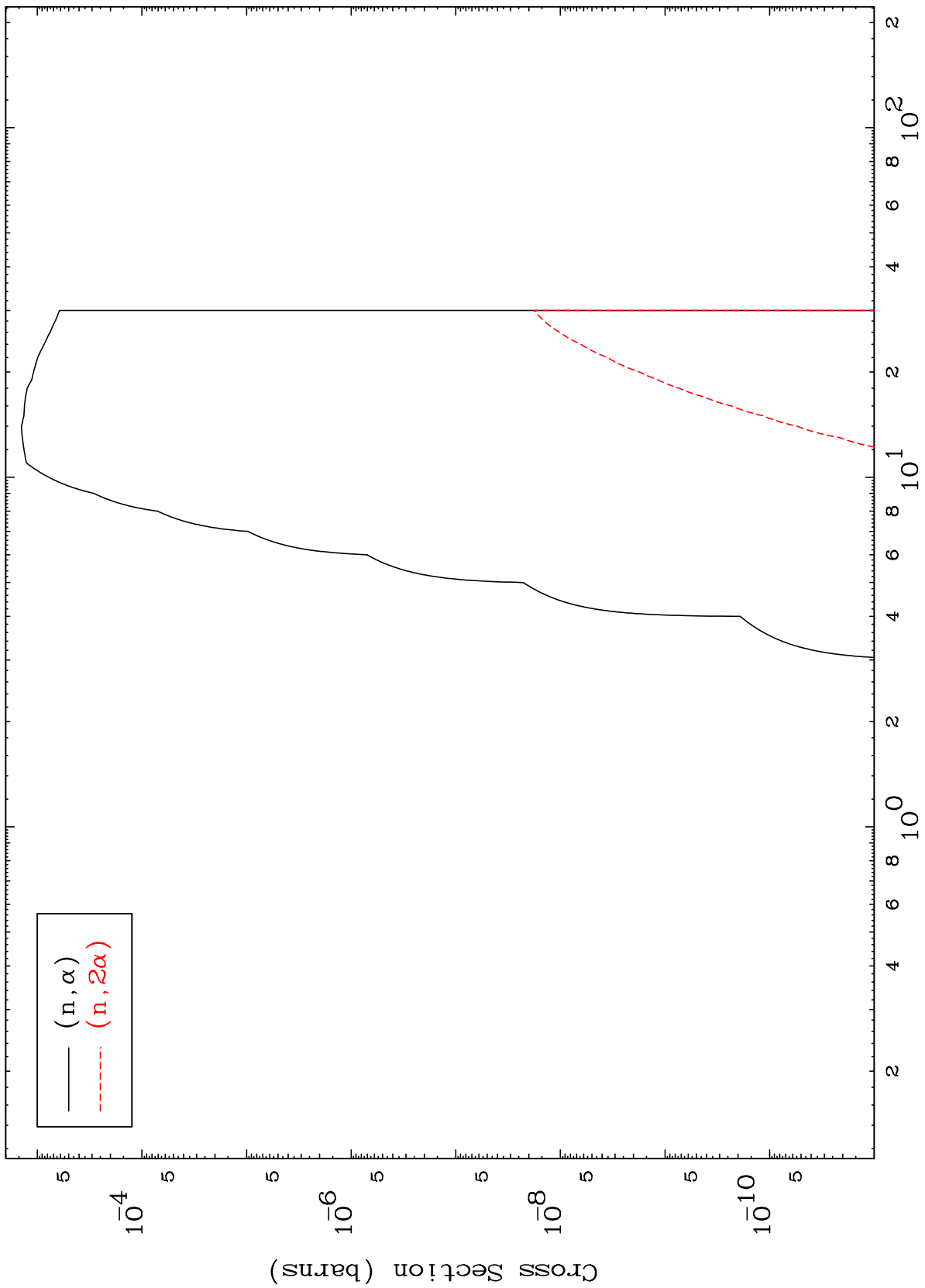


MAT 8335

(d, α) Levels

83-Bi-212m

0 Kelvin Cross Sections



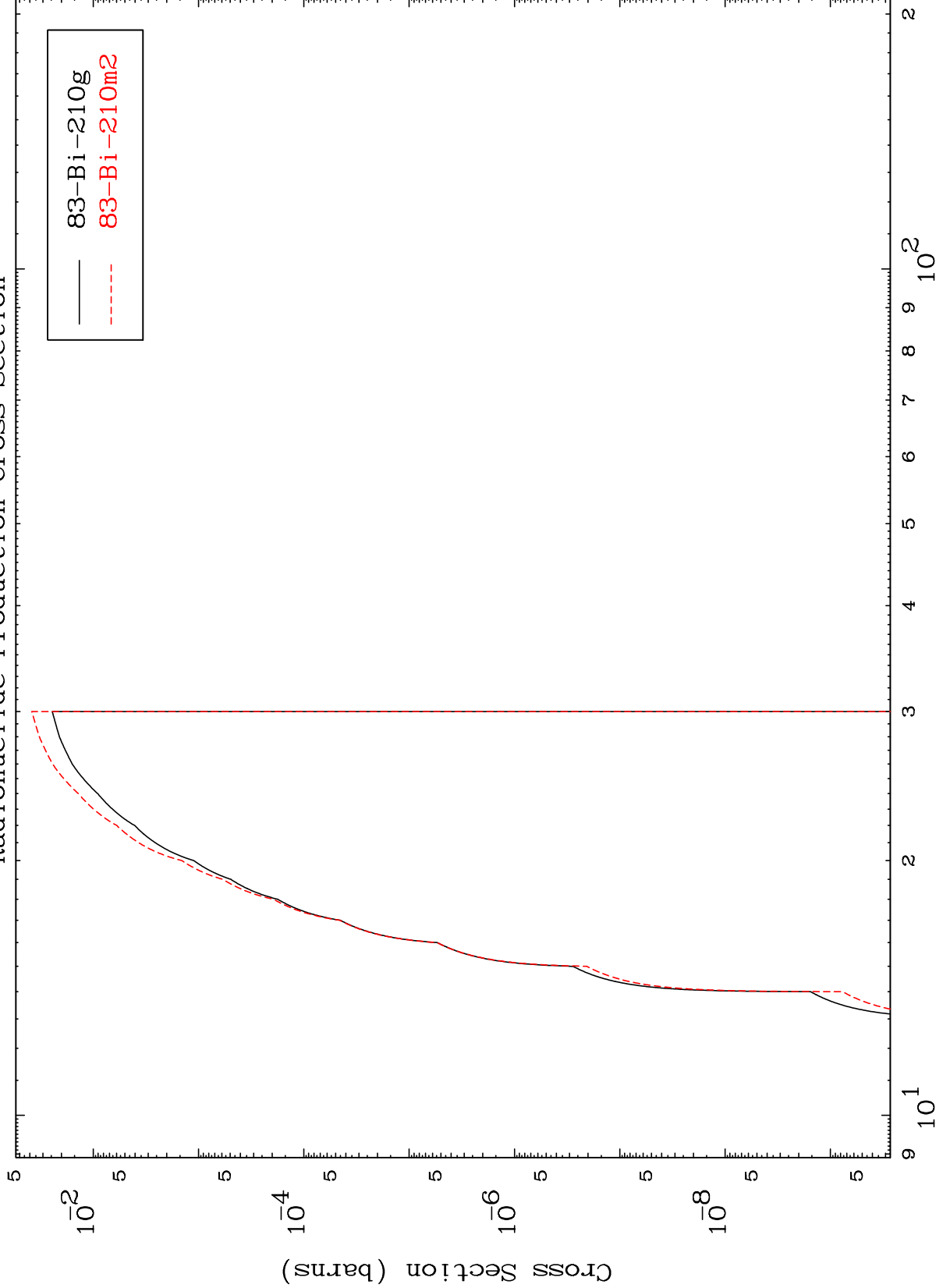
— (n, α)
- - - (n, 2α)

MAT 8335

(n,2n) d

83-Bi-212m

Radionuclide Production Cross Section



13

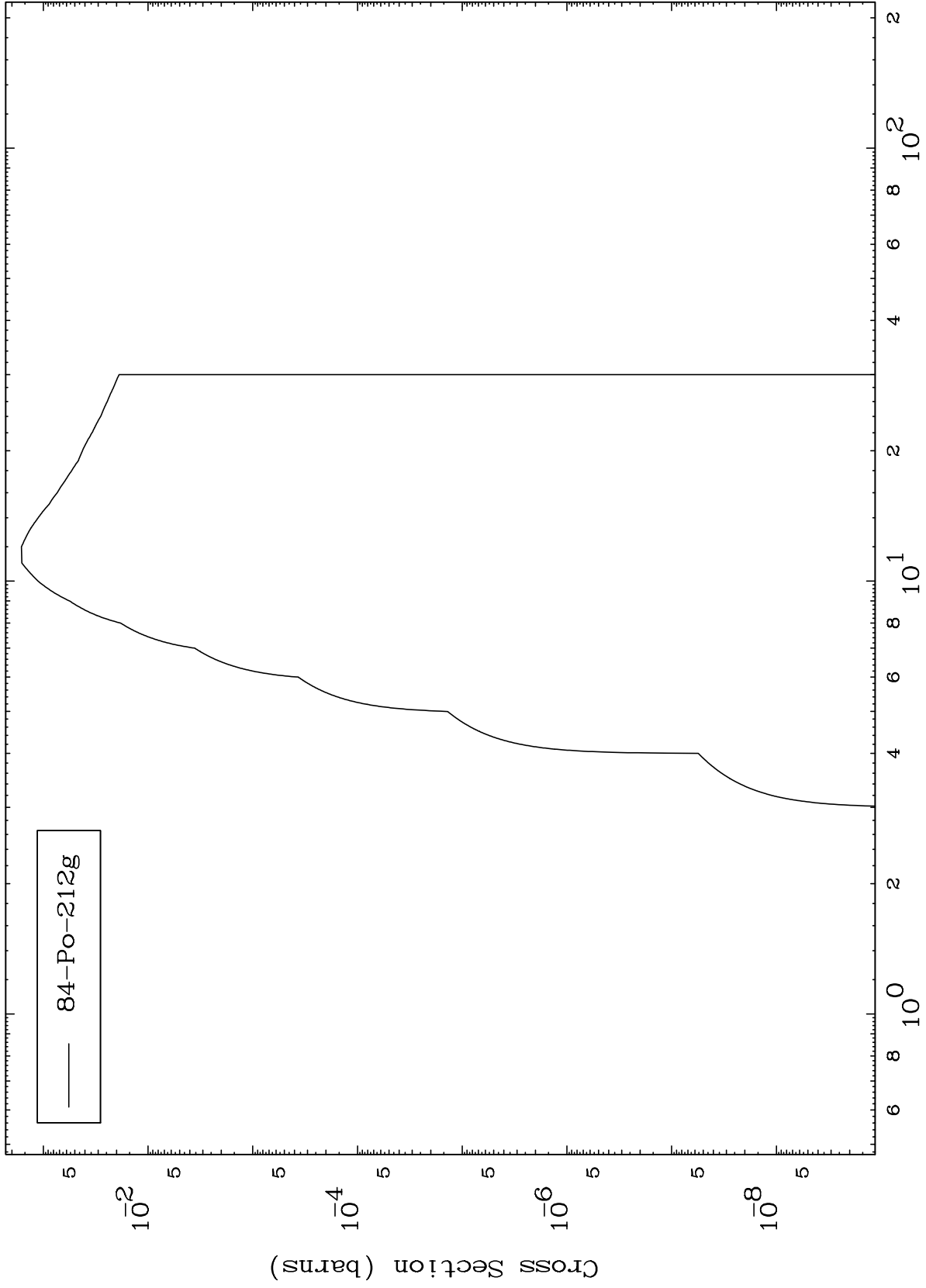
Incident Energy (MeV)

83-Bi-212m

MAT 8335

83-Bi-212m

(n,2n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

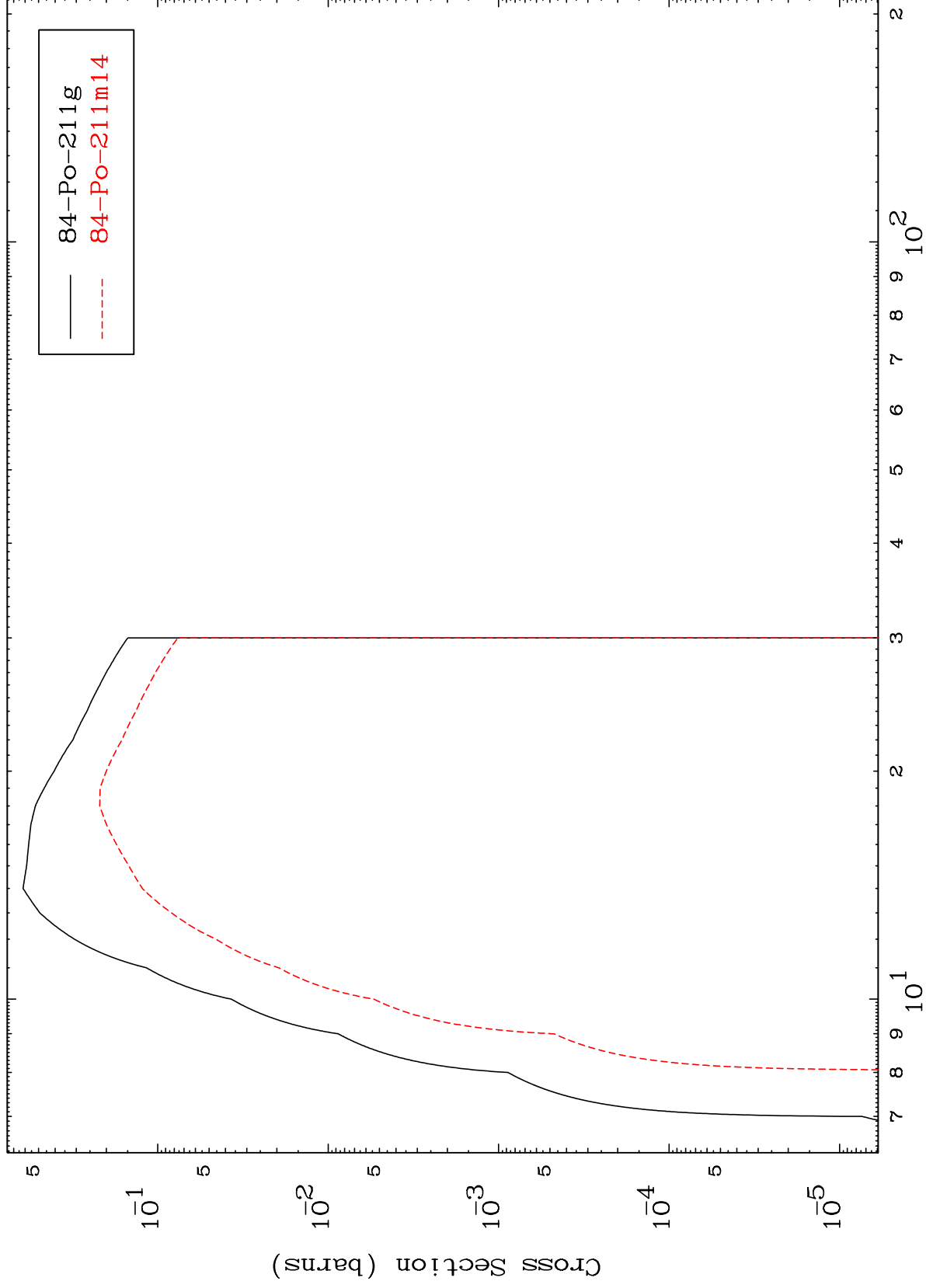
83-Bi-212m

MAT 8335

(n,3n)

83-Bi-212m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

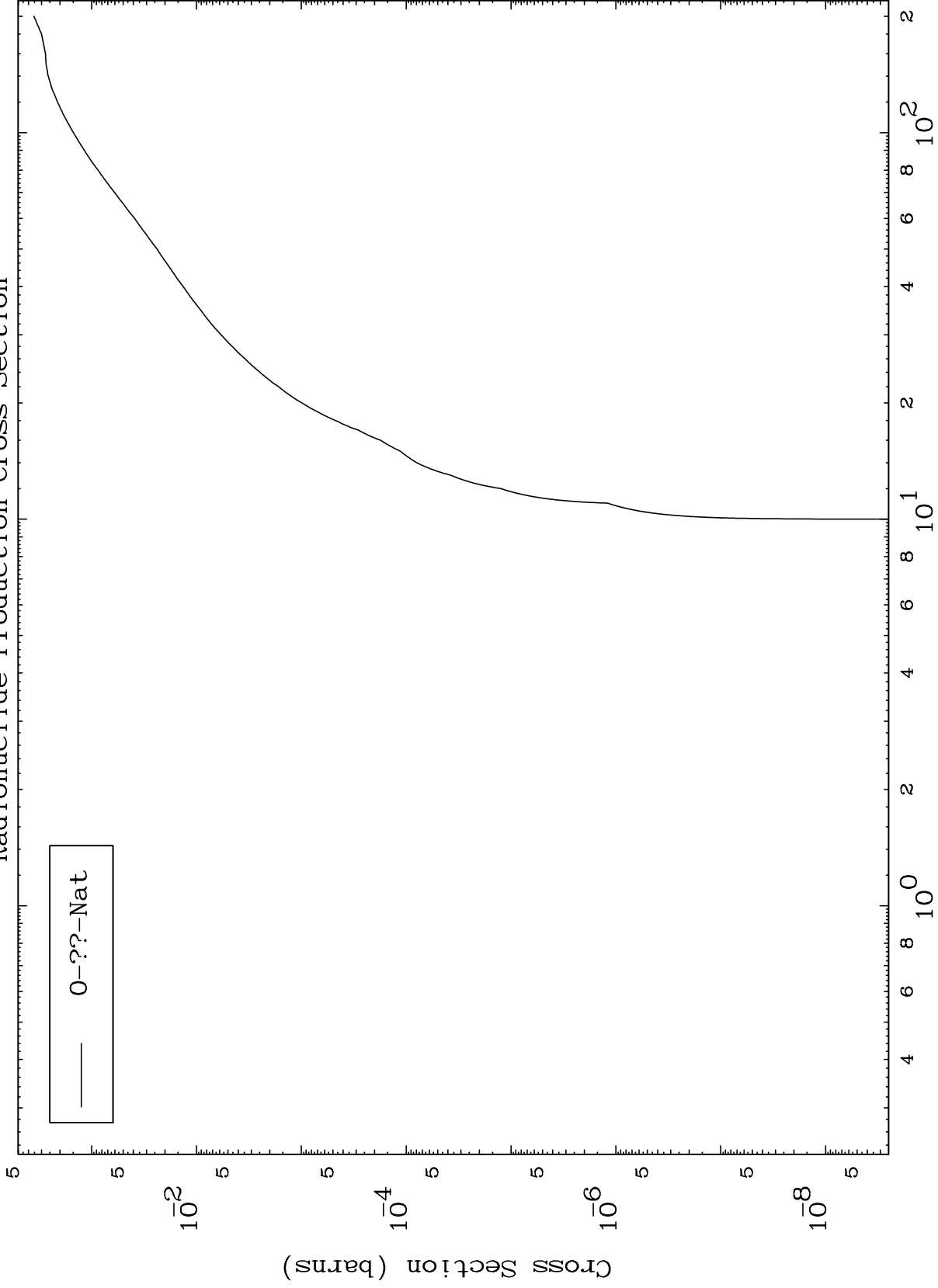
83-Bi-212m

MAT 8335

Fission

⁸³Bi-212m

Radionuclide Production Cross Section

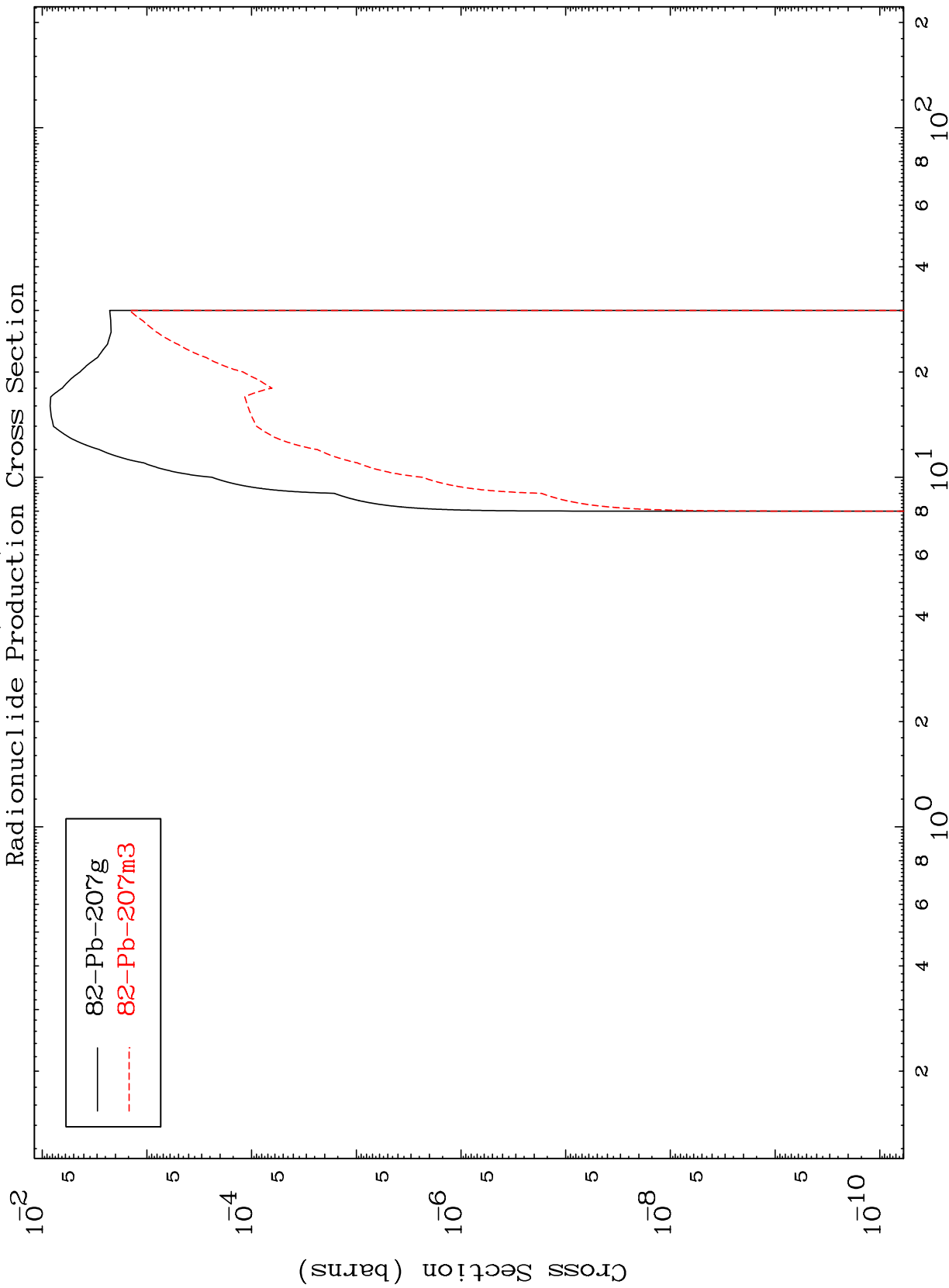


MAT 8335

(n,3n) α

83-Bi-212m

Radionuclide Production Cross Section

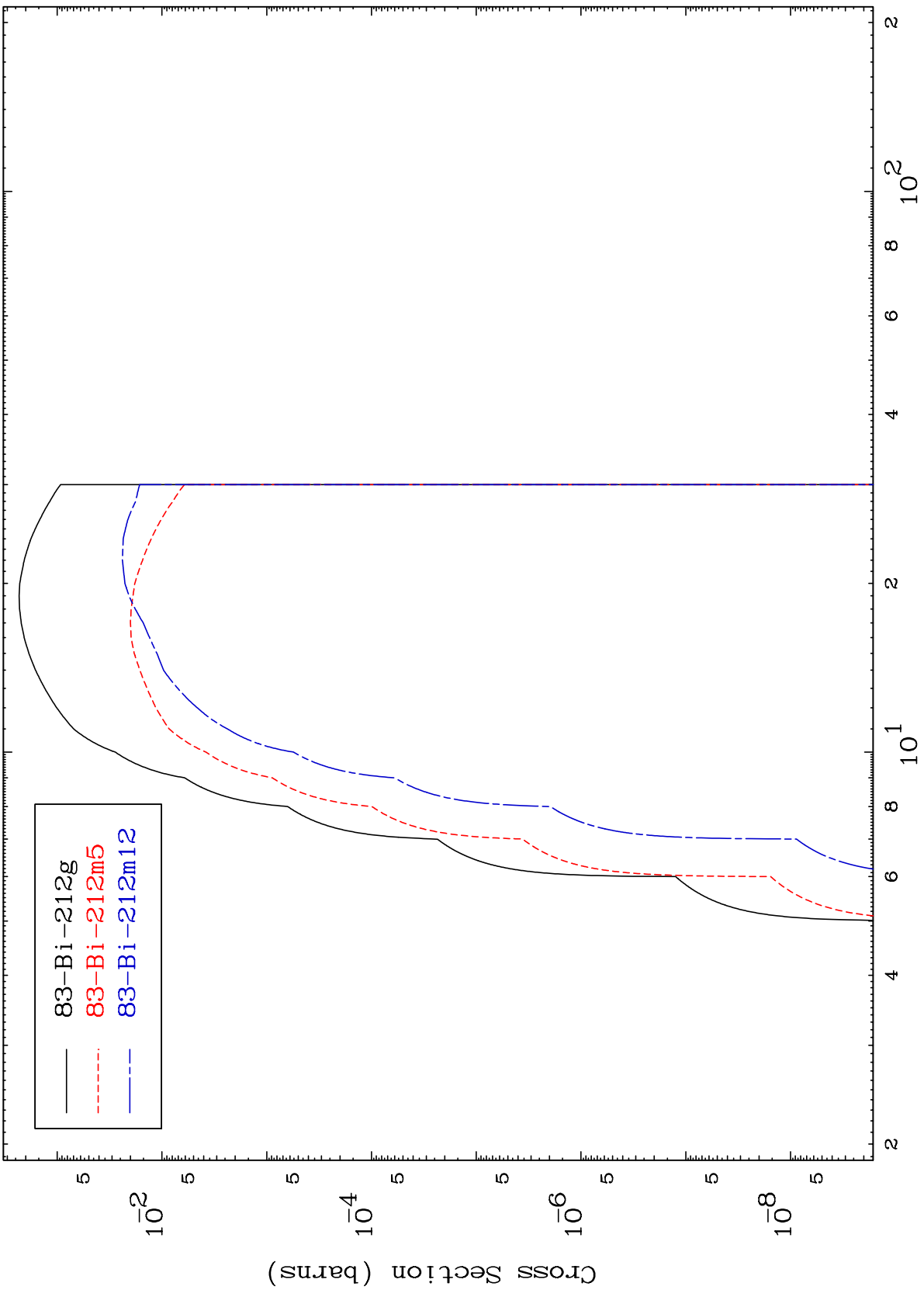


MAT 8335

(n,n') p

83-Bi-212m

Radionuclide Production Cross Section



18

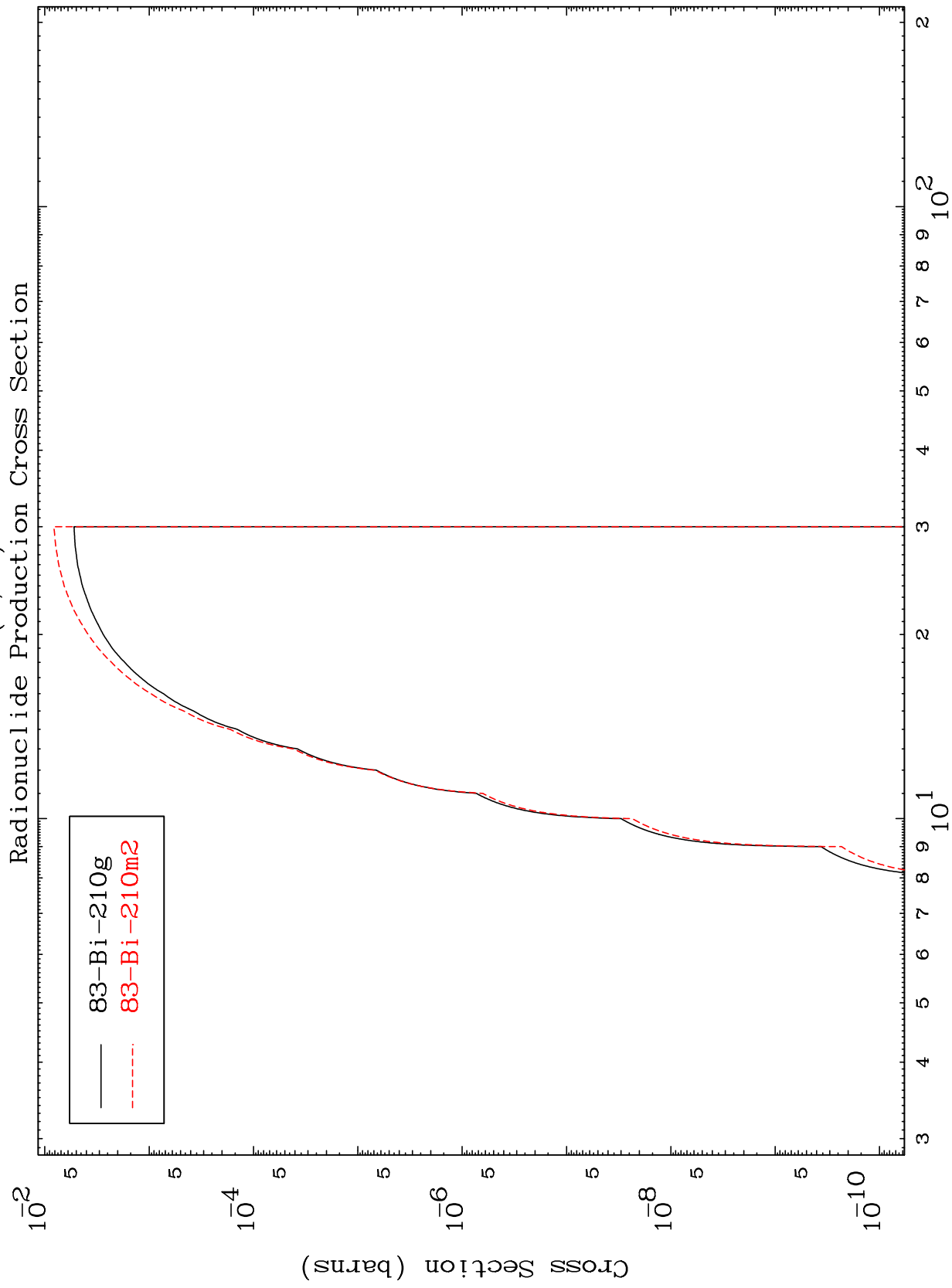
Incident Energy (MeV)

83-Bi-212m

MAT 8335

(n,n') t

83-Bi-212m



19

Incident Energy (MeV)

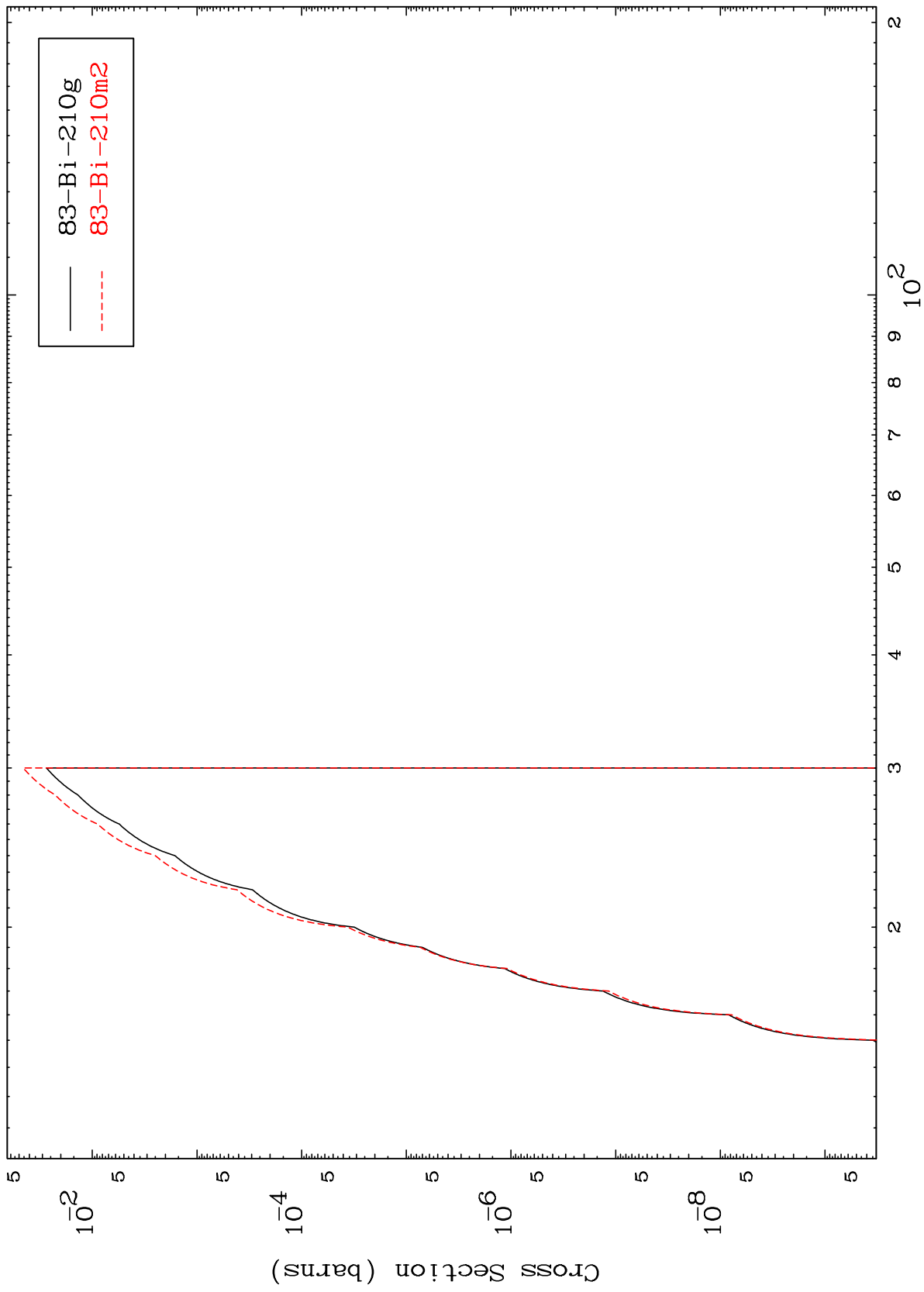
83-Bi-212m

MAT 8335

$(n,3n)$ p

83-Bi-212m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

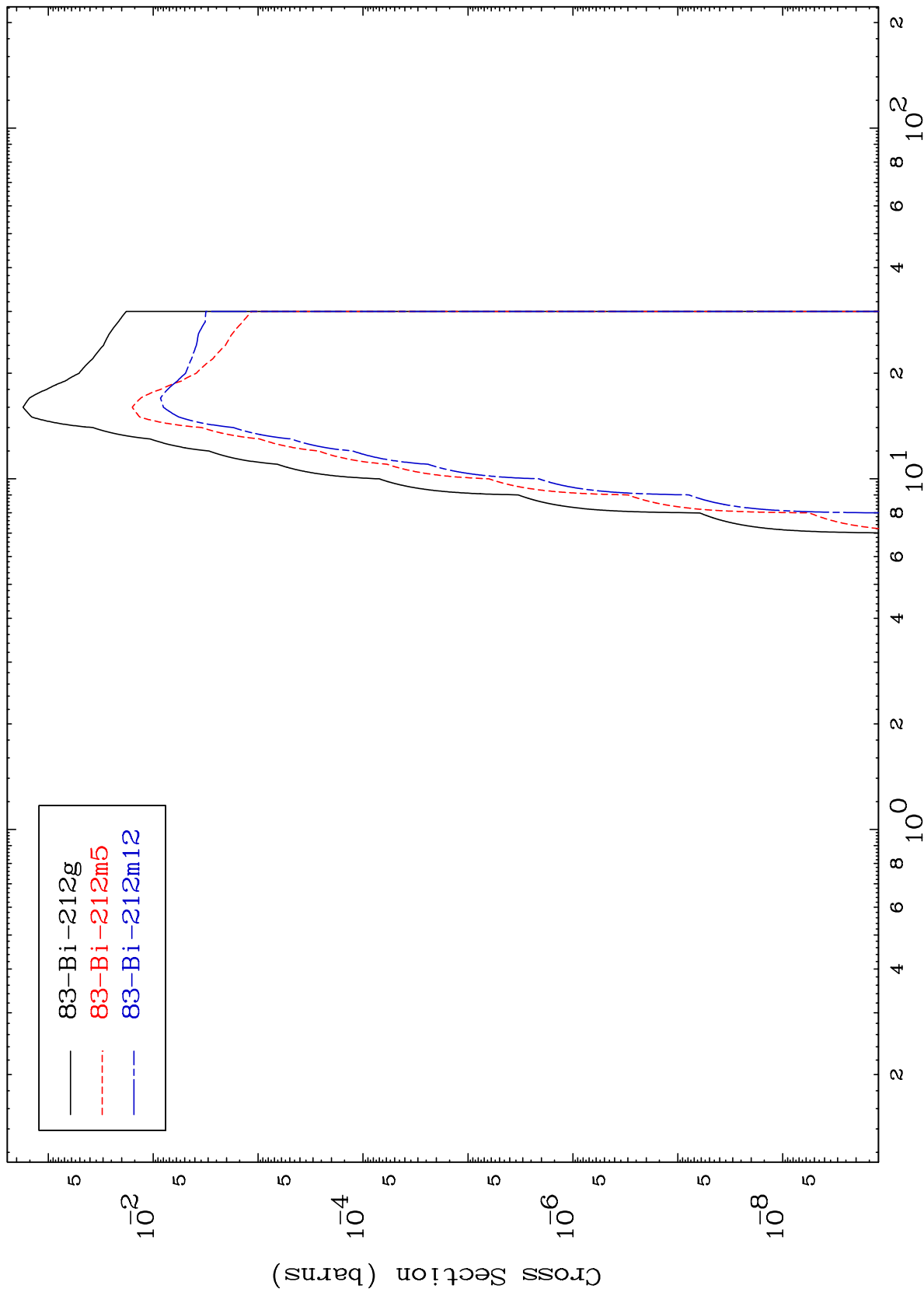
83-Bi-212m

MAT 8335

(n,d)

⁸³Bi-²¹²m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

⁸³Bi-²¹²m