

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

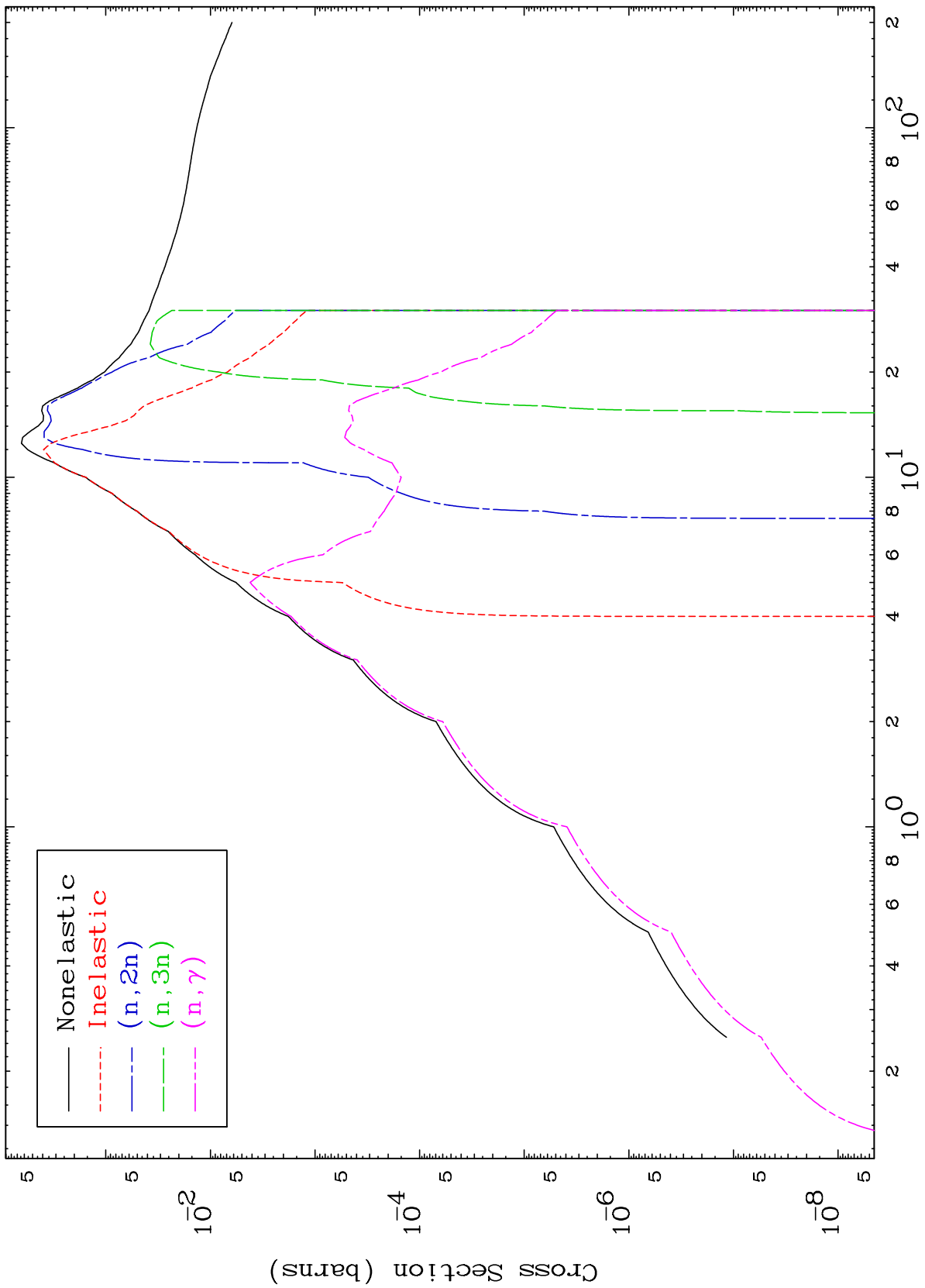
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8444

Photon Major
0 Kelvin Cross Sections

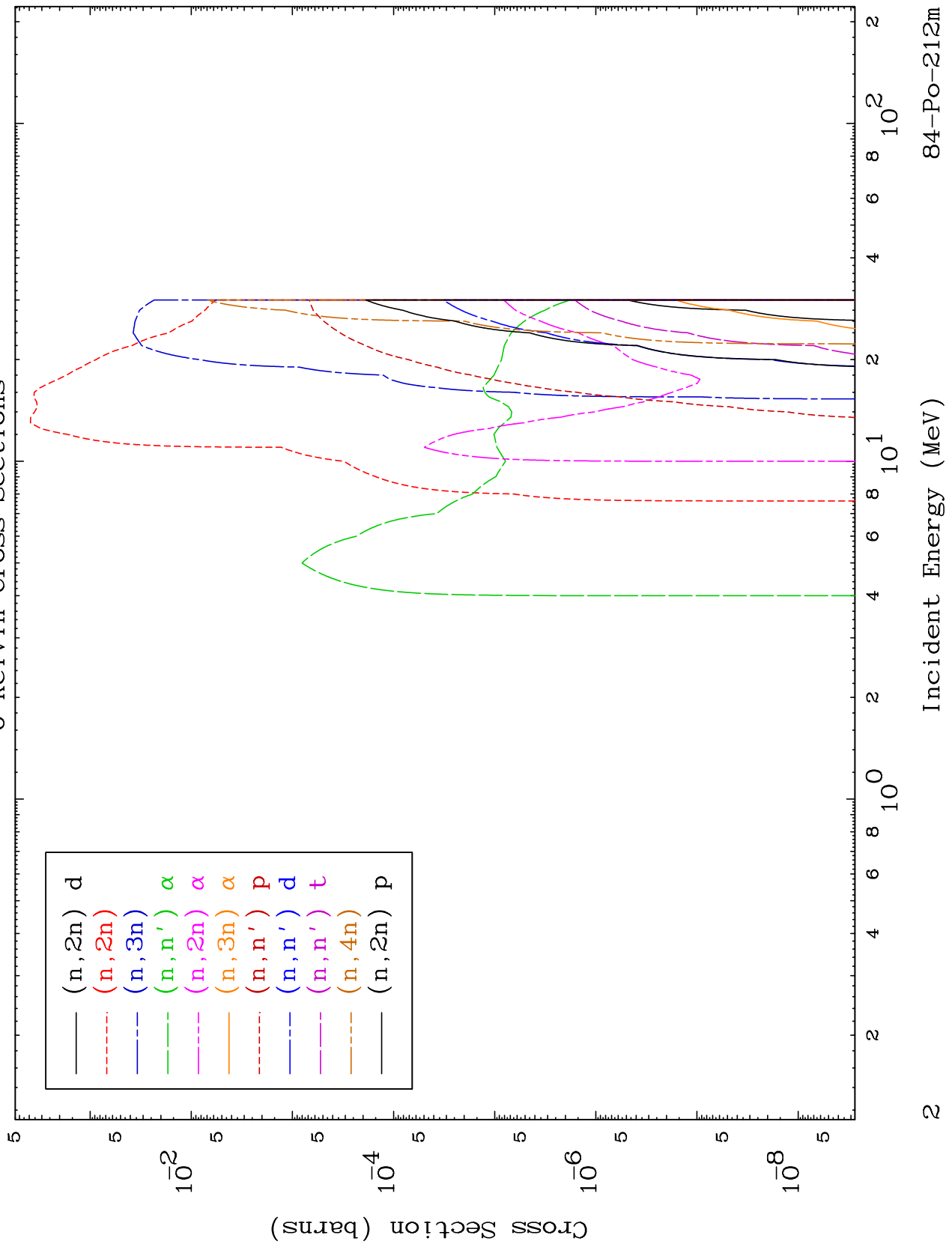
84-Po-212m



MAT 8444

Photon Neutron Absorption
0 Kelvin Cross Sections

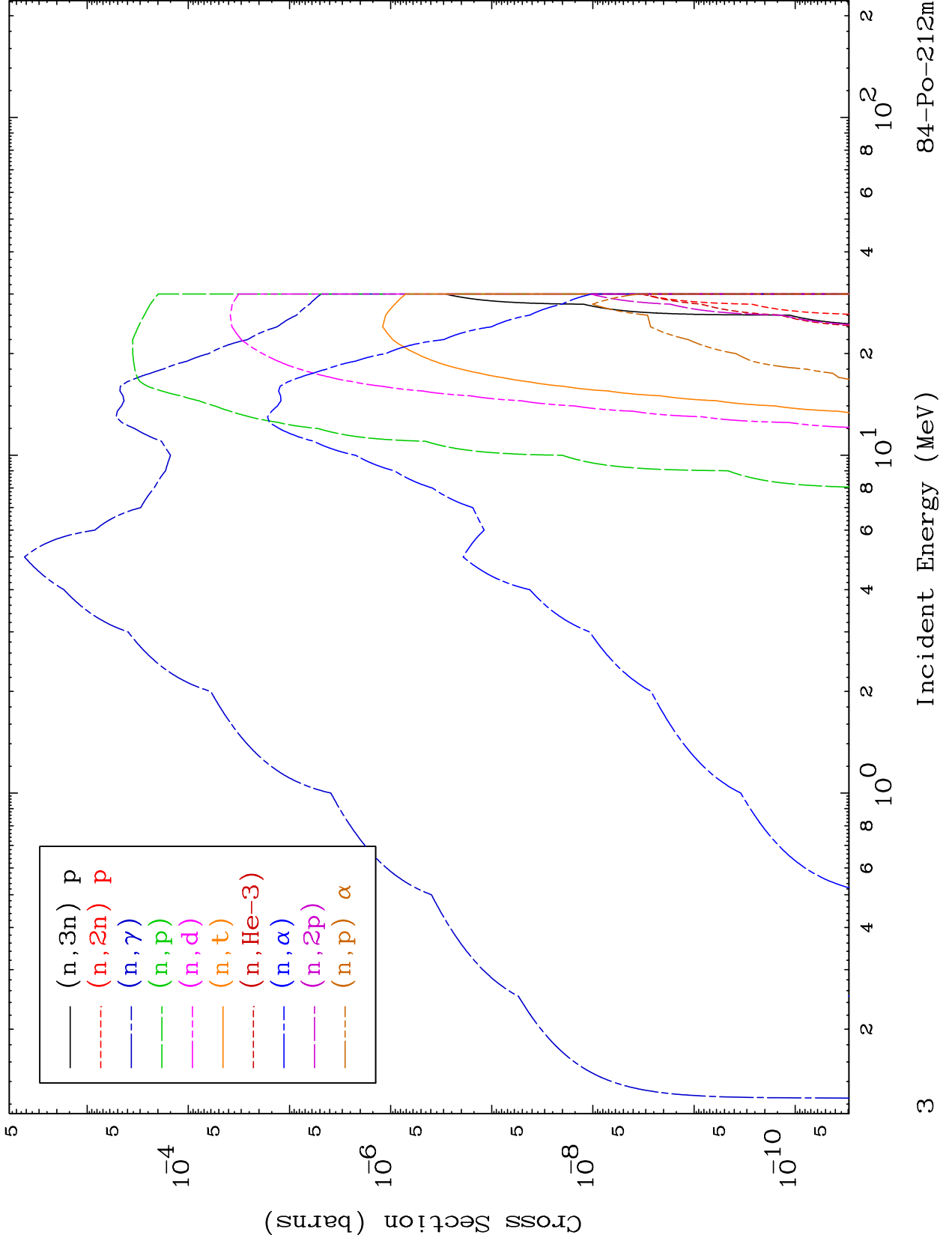
84-Po-212m



MAT 8444

Photon Neutron Absorption
0 Kelvin Cross Sections

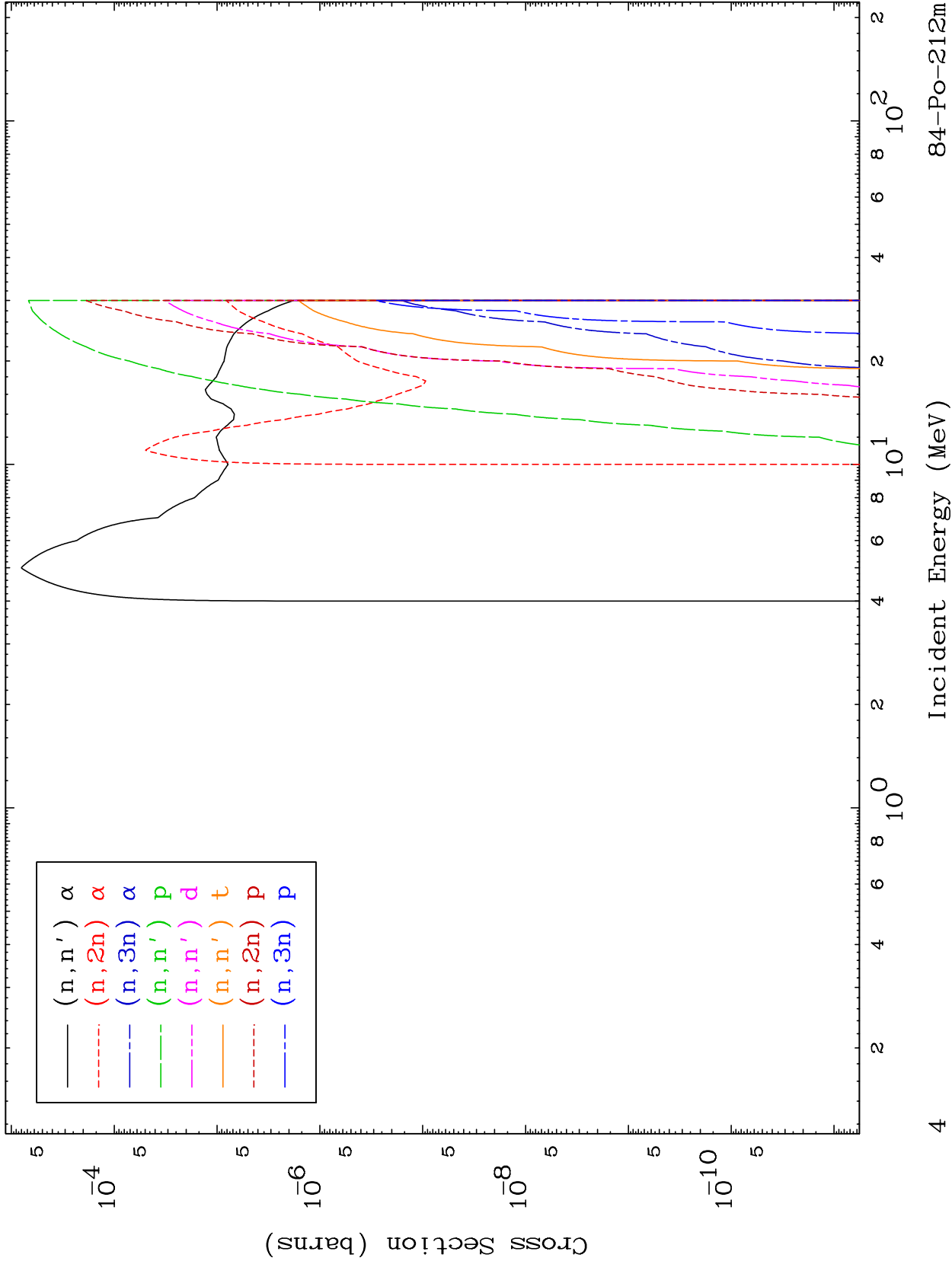
84-Po-212m



MAT 8444

Photon Charged Particle
0 Kelvin Cross Sections

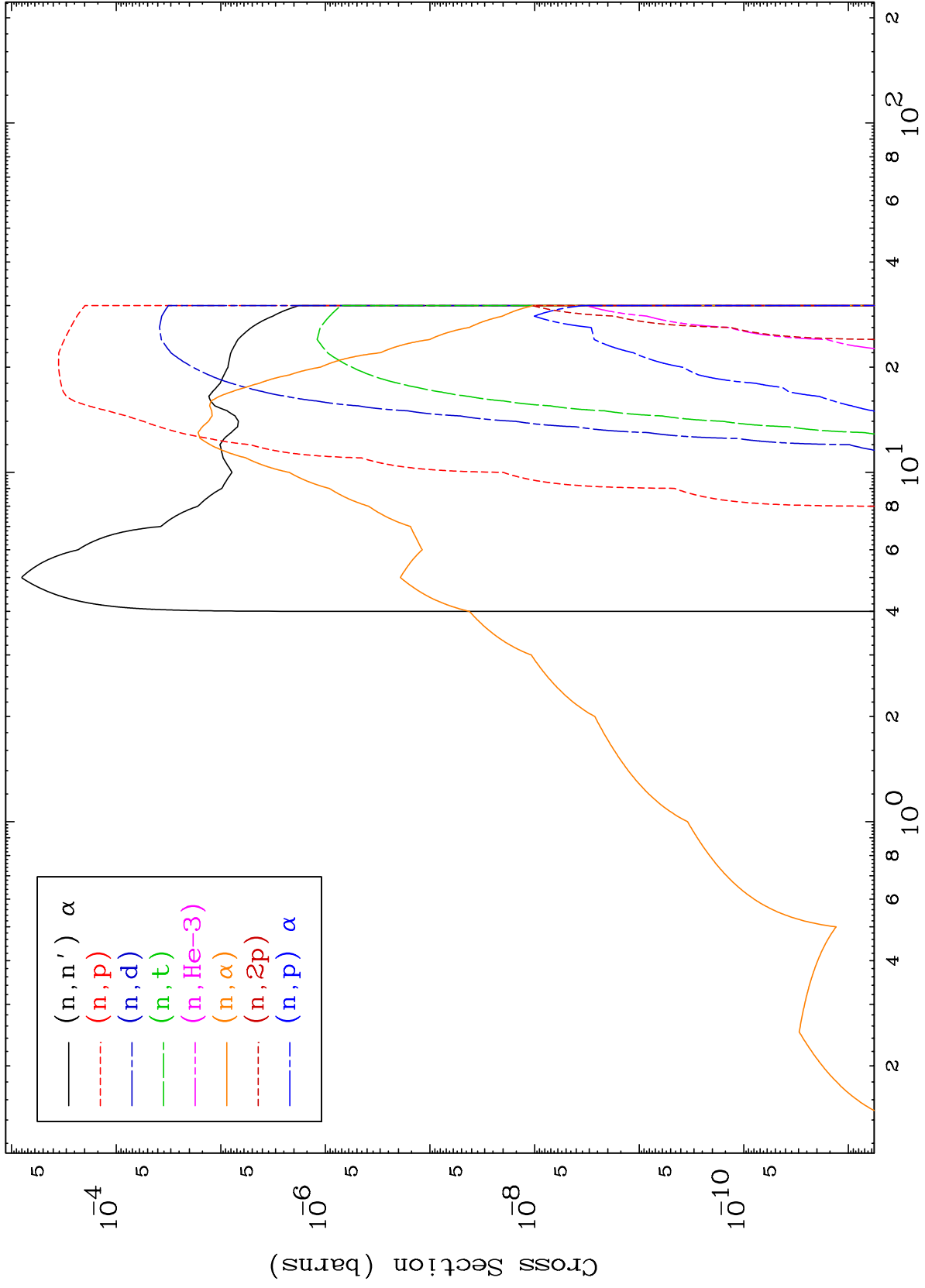
84-Po-212m



MAT 8444

Photon Charged Particle
0 Kelvin Cross Sections

84-Po-212m



5

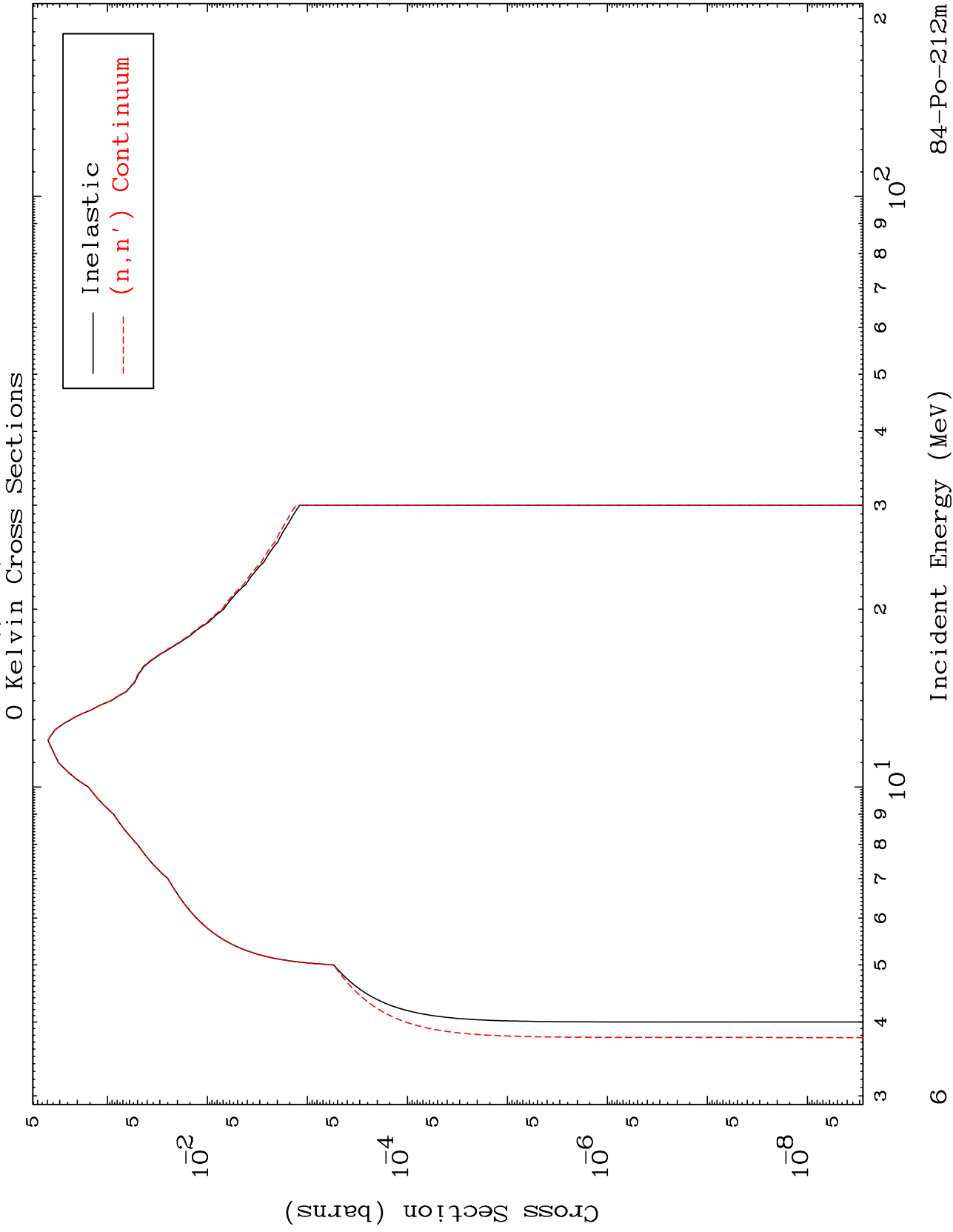
Incident Energy (MeV)

84-Po-212m

MAT 8444

(γ, n') Levels

84-Po-212m

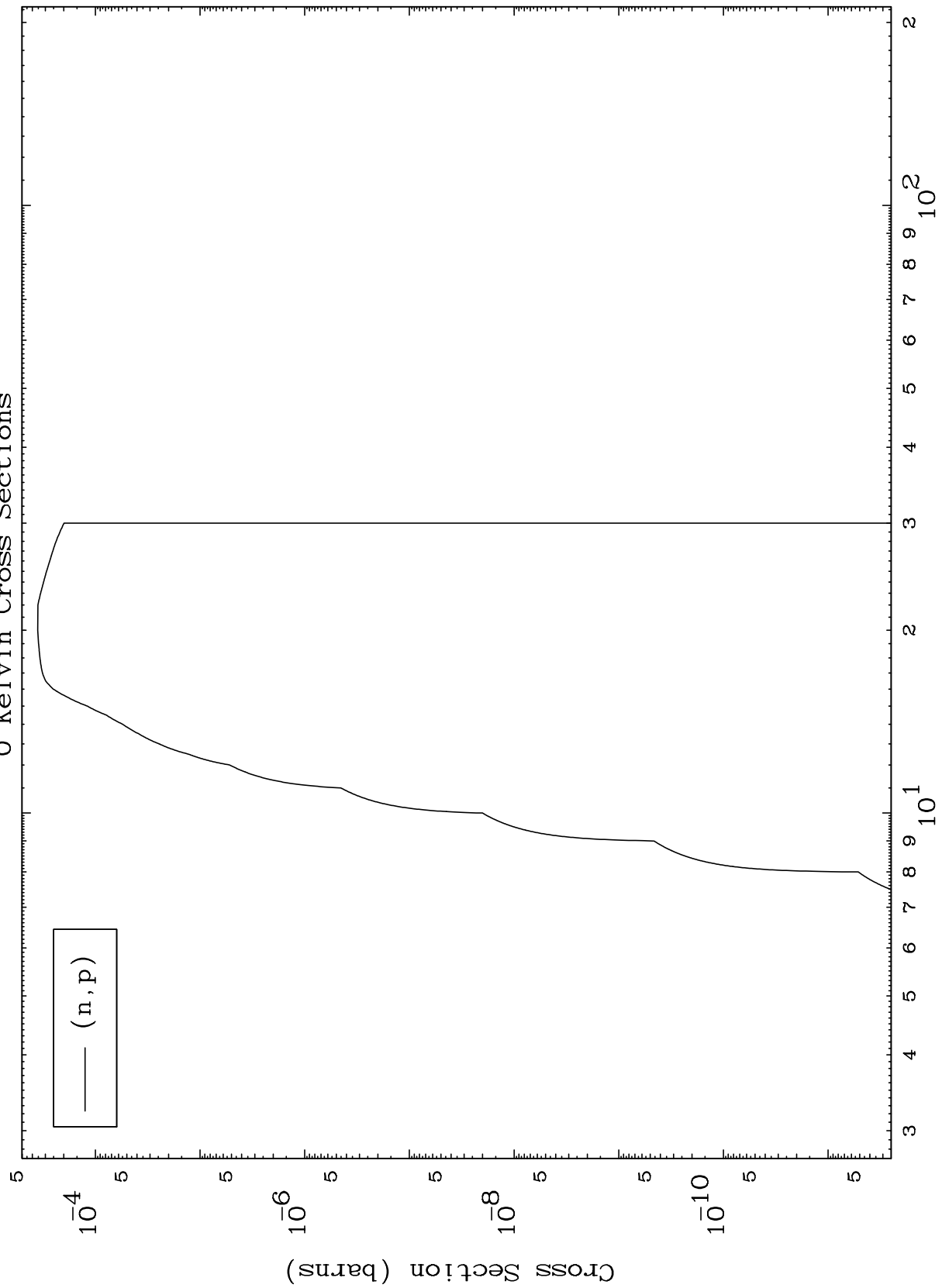


MAT 8444

(γ, p) Levels

84-Po-212m

0 Kelvin Cross Sections



7

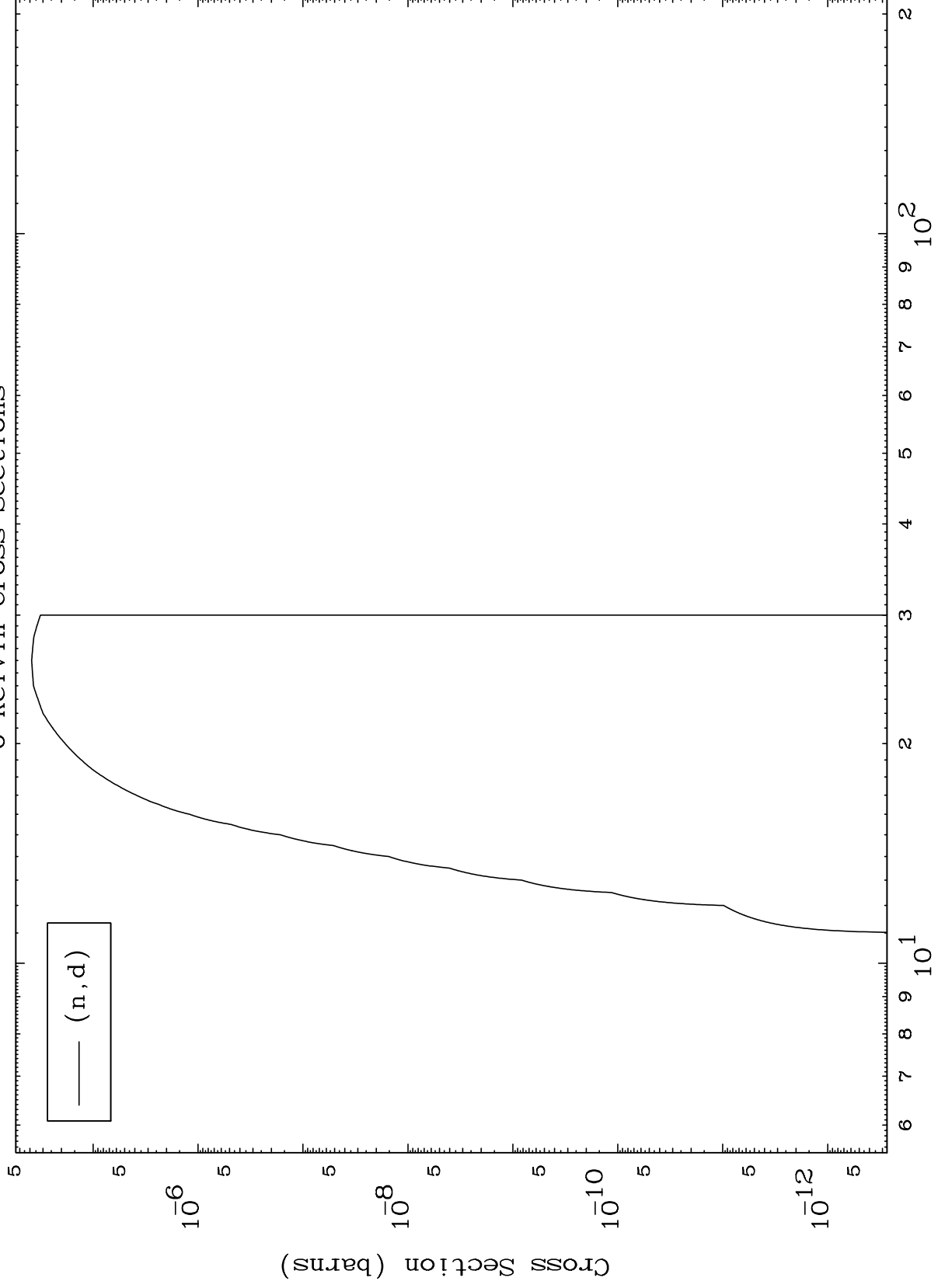
Incident Energy (MeV)

84-Po-212m

MAT 8444

(γ, d) Levels
0 Kelvin Cross Sections

$^{84}\text{Po-212m}$



8

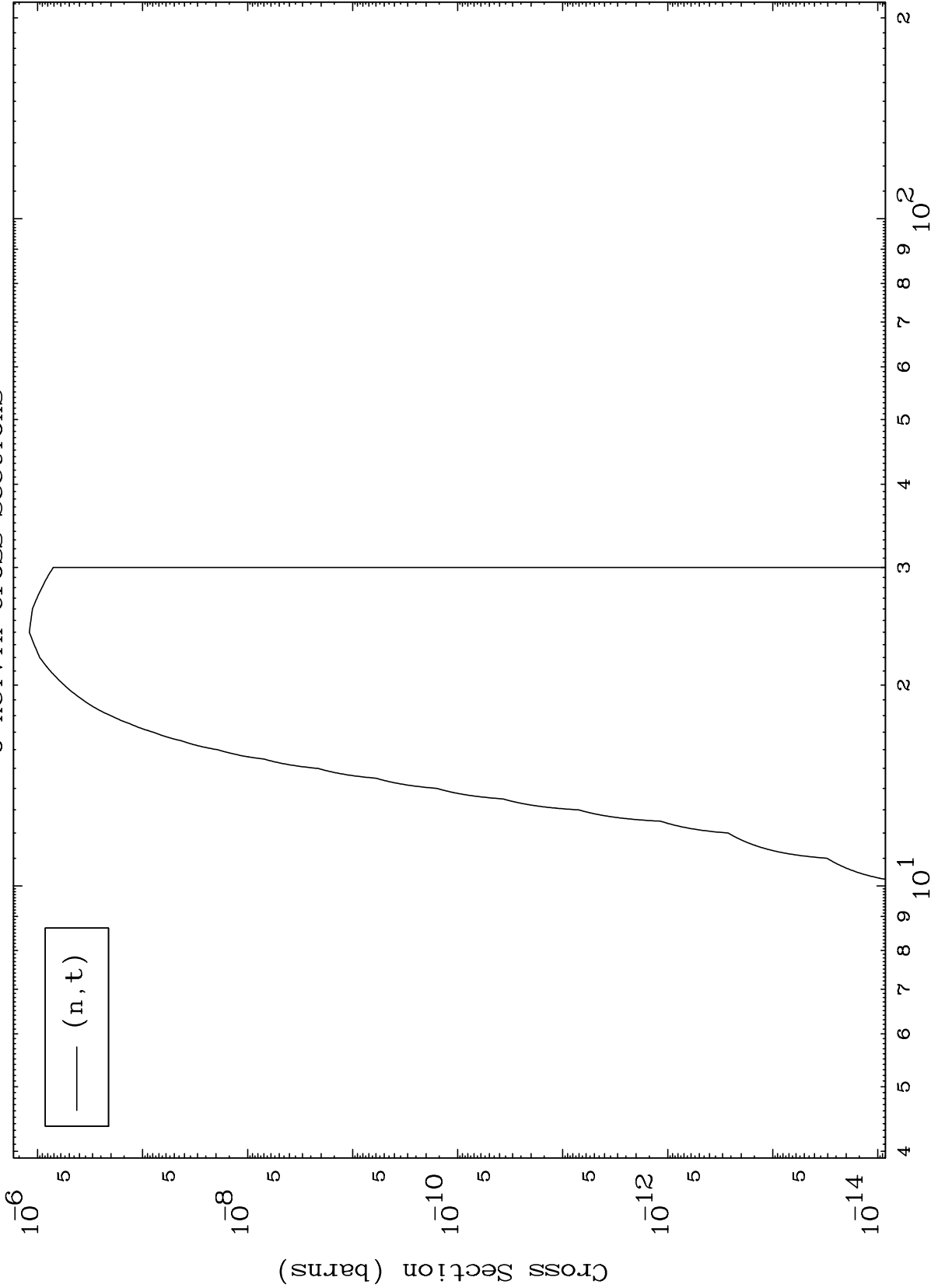
Incident Energy (MeV)

$^{84}\text{Po-212m}$

MAT 8444

(γ, t) Levels
0 Kelvin Cross Sections

84-Po-212m



9

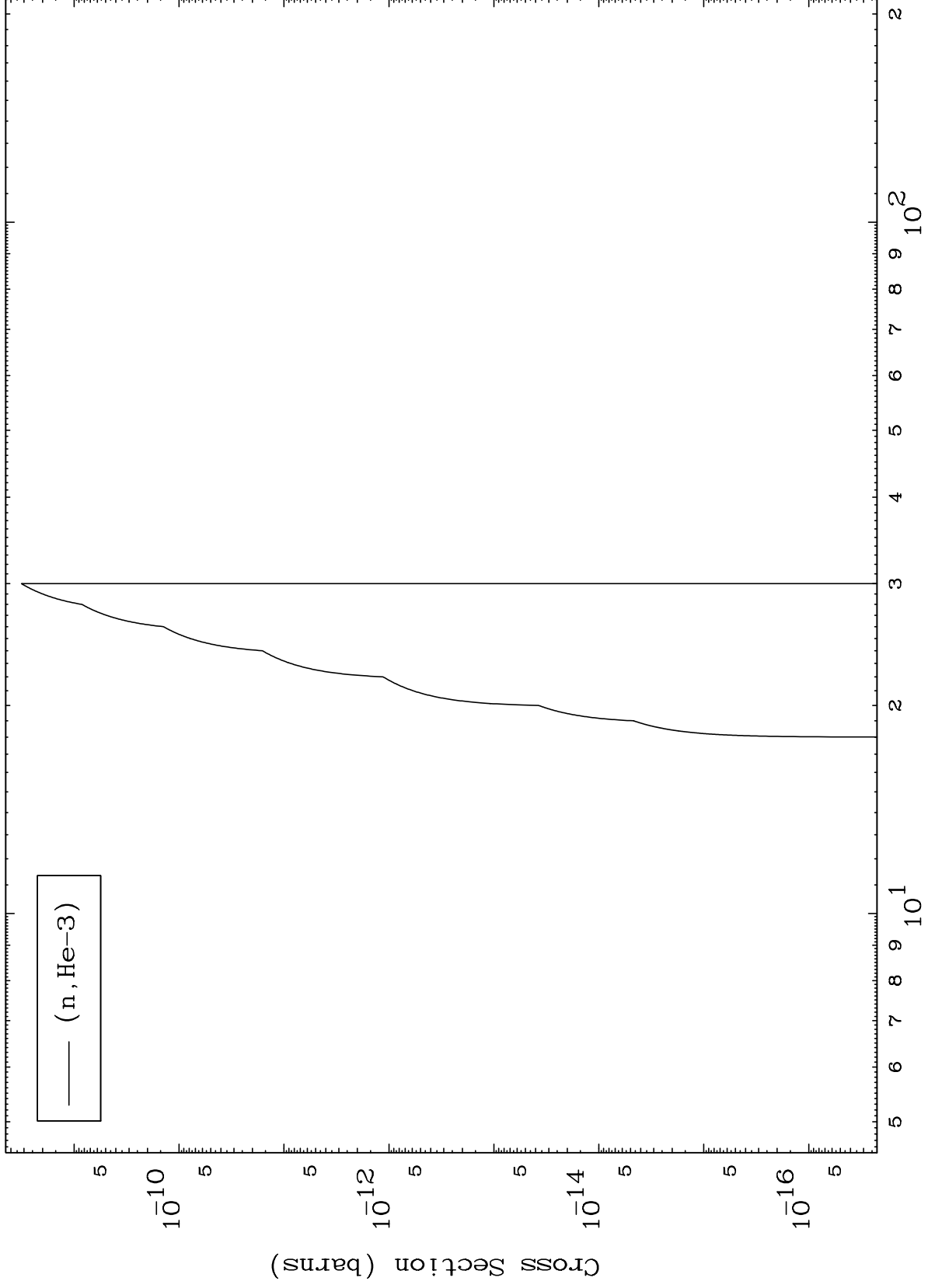
Incident Energy (MeV)

84-Po-212m

MAT 8444

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

84-Po-212m



(n, He-3)

10

Incident Energy (MeV)

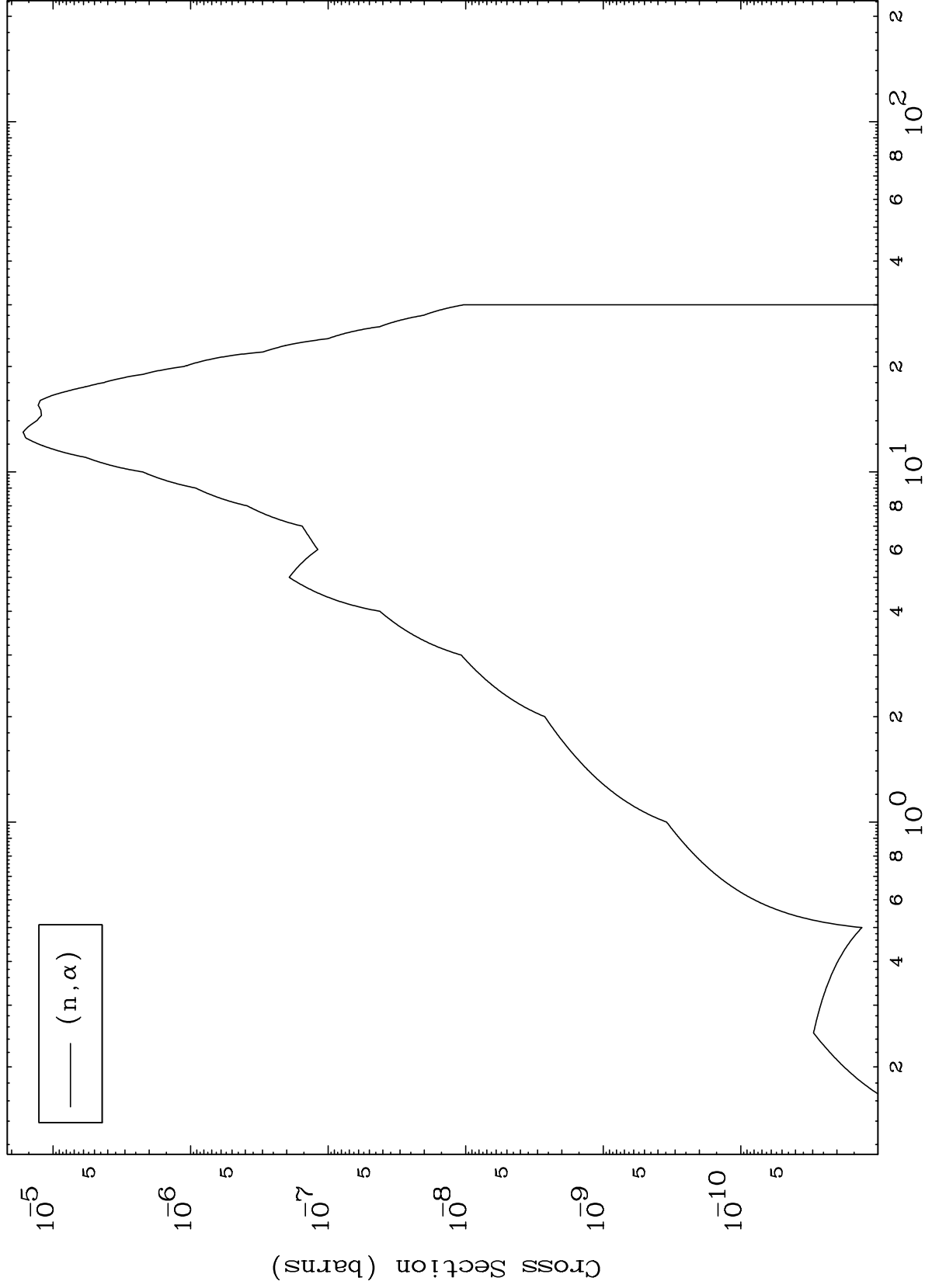
84-Po-212m

MAT 8444

(γ, α) Levels

84-Po-212m

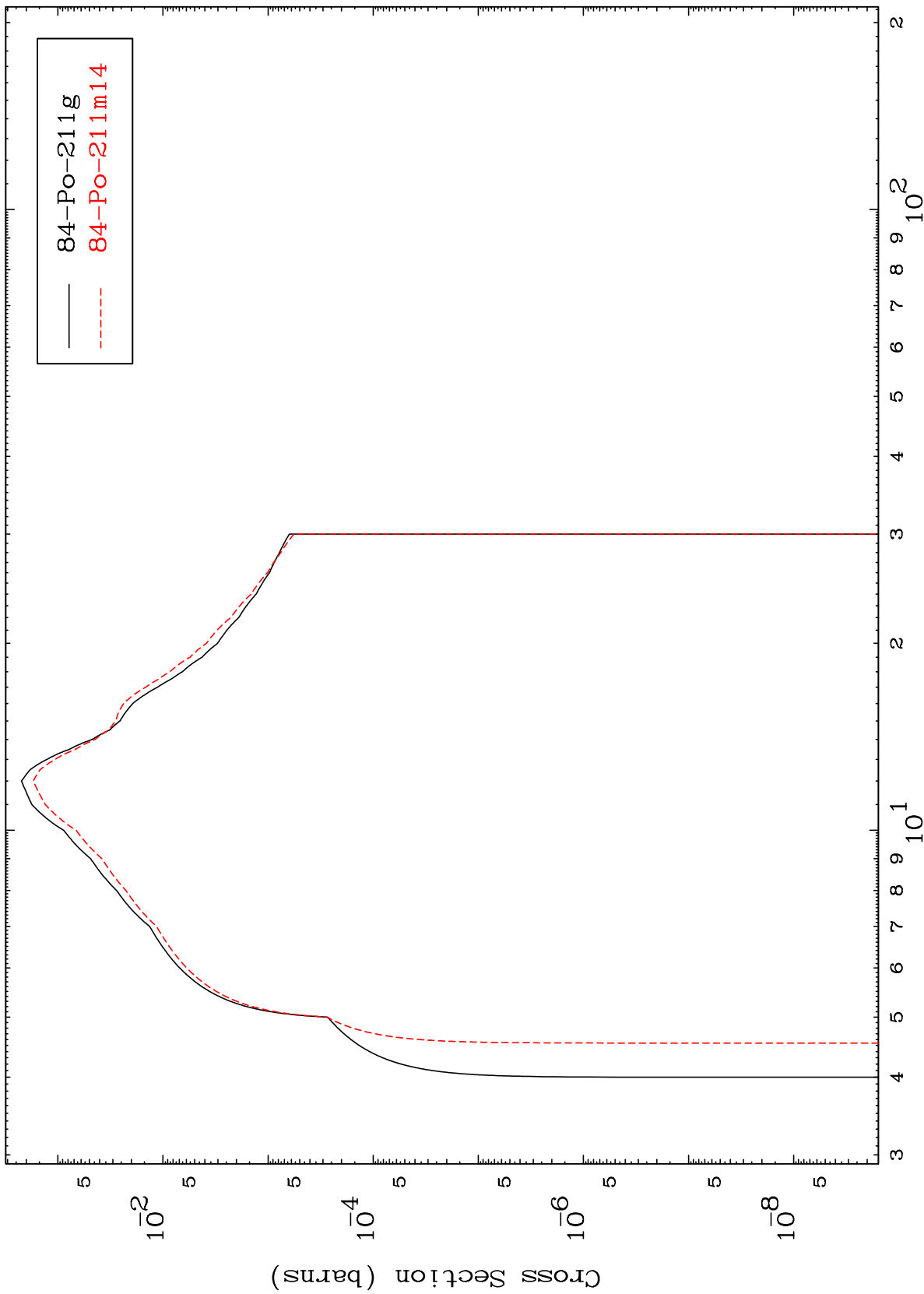
0 Kelvin Cross Sections



MAT 8444

84-Po-212m

Inelastic
Radionuclide Production Cross Section



84-Po-212m

Incident Energy (MeV)

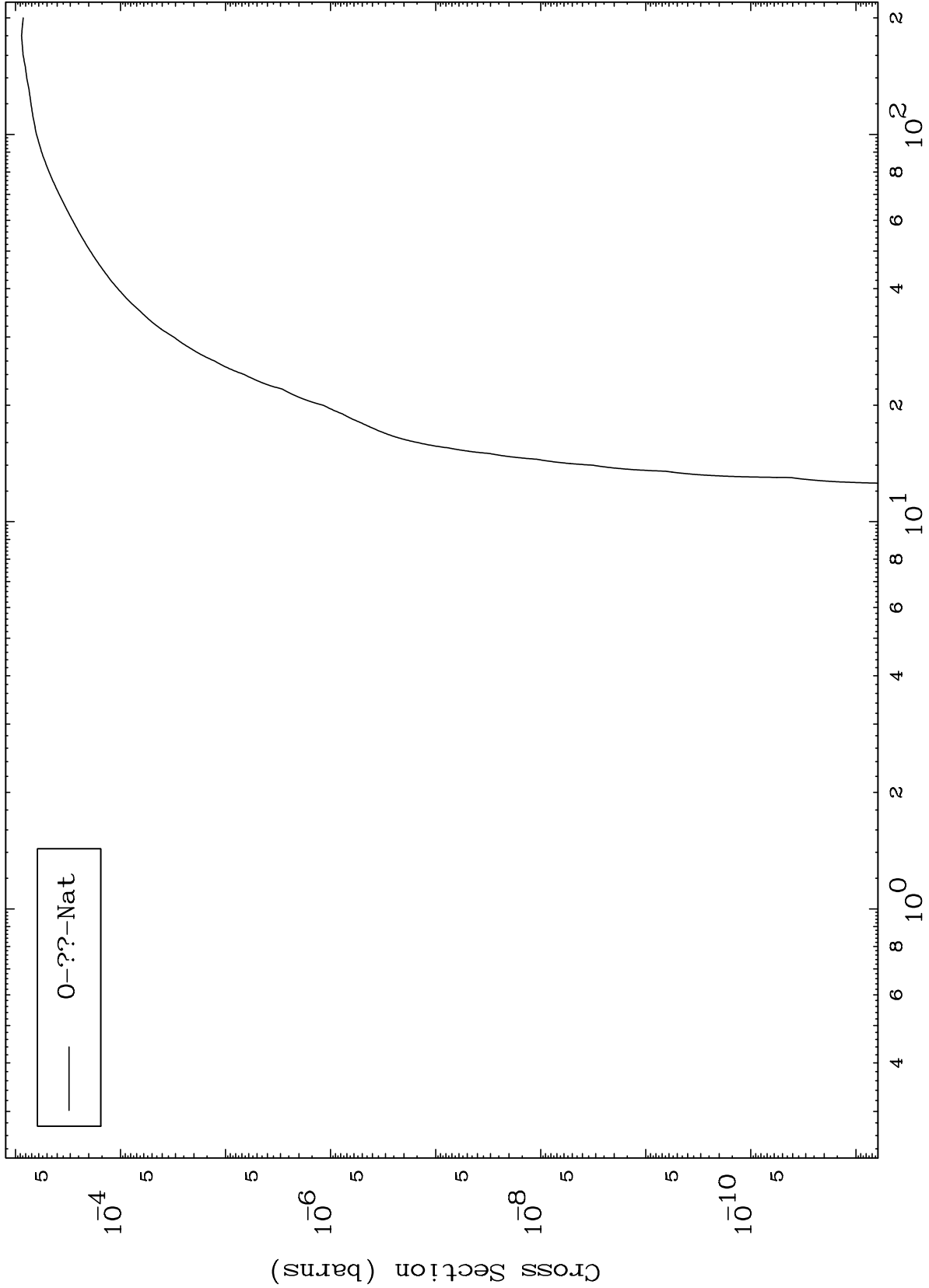
12

MAT 8444

Fission

84-Po-212m

Radionuclide Production Cross Section

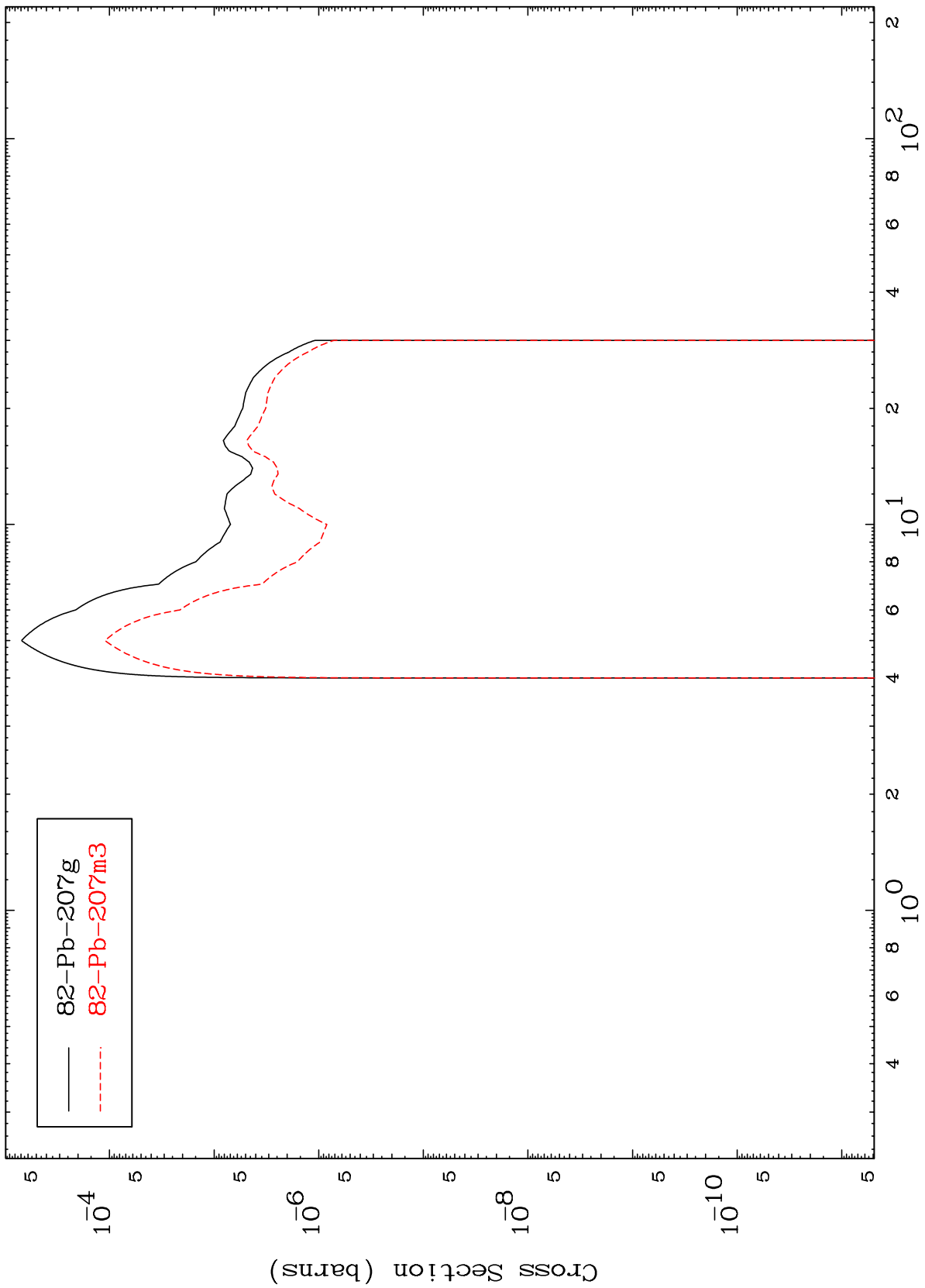


MAT 8444

(n,n') α

84-Po-212m

Radionuclide Production Cross Section

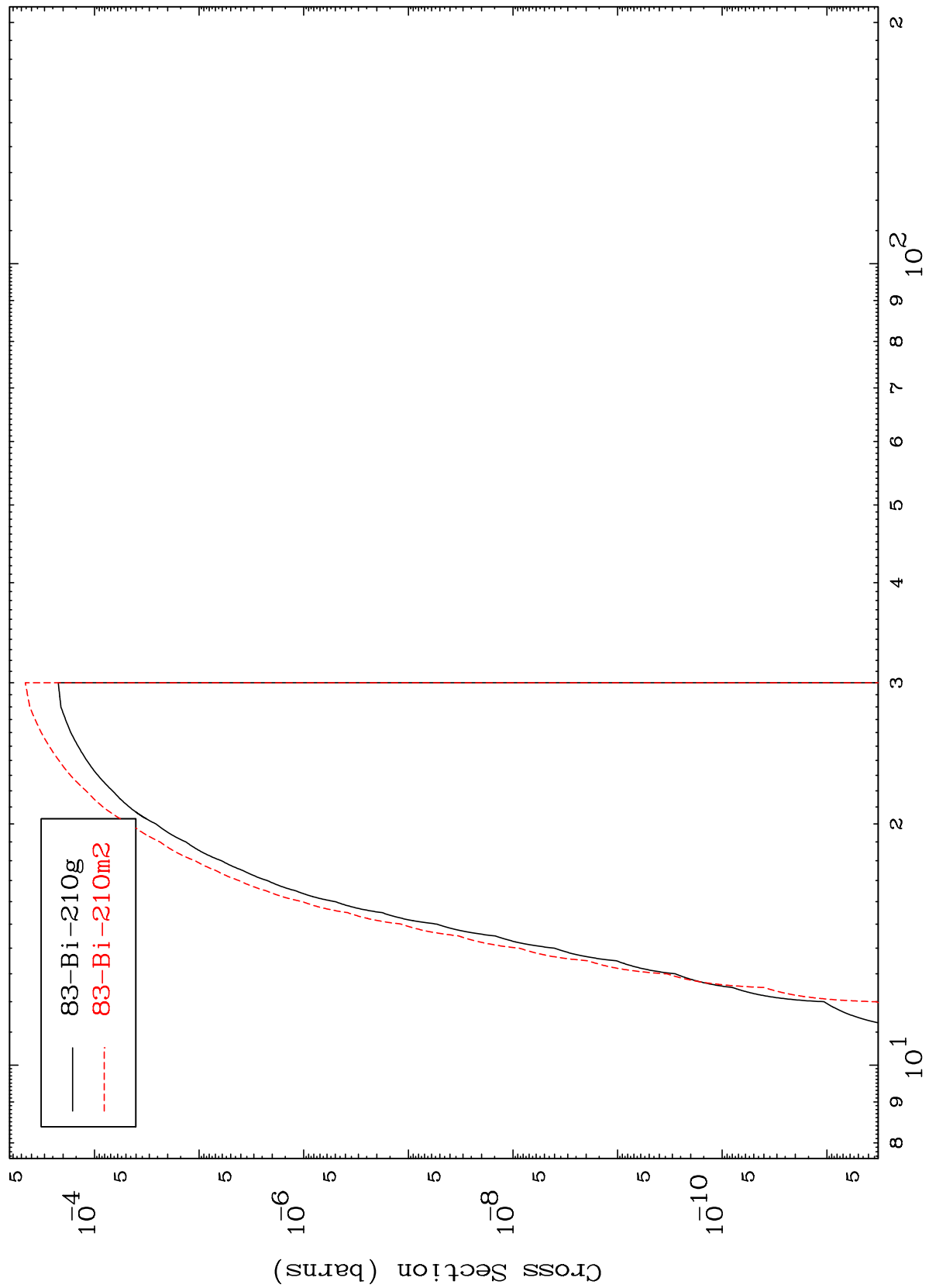


MAT 8444

(n,n') p

84-Po-212m

Radionuclide Production Cross Section



15

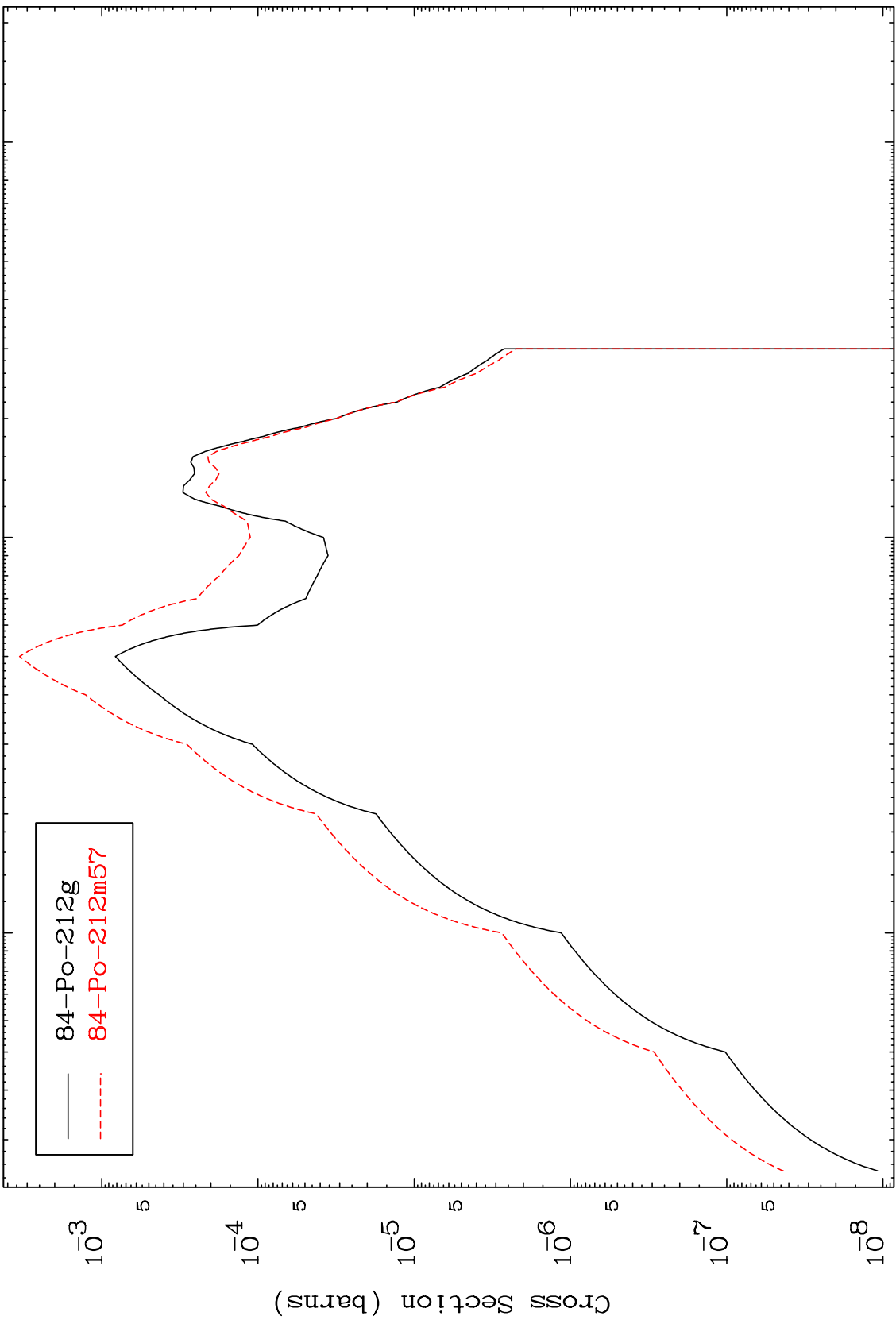
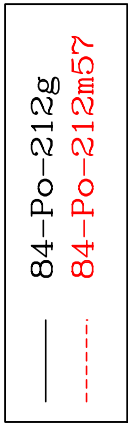
Incident Energy (MeV)

84-Po-212m

MAT 8444

84-Po-212m

Radionuclide Production Cross Section



84-Po-212m

Incident Energy (MeV)

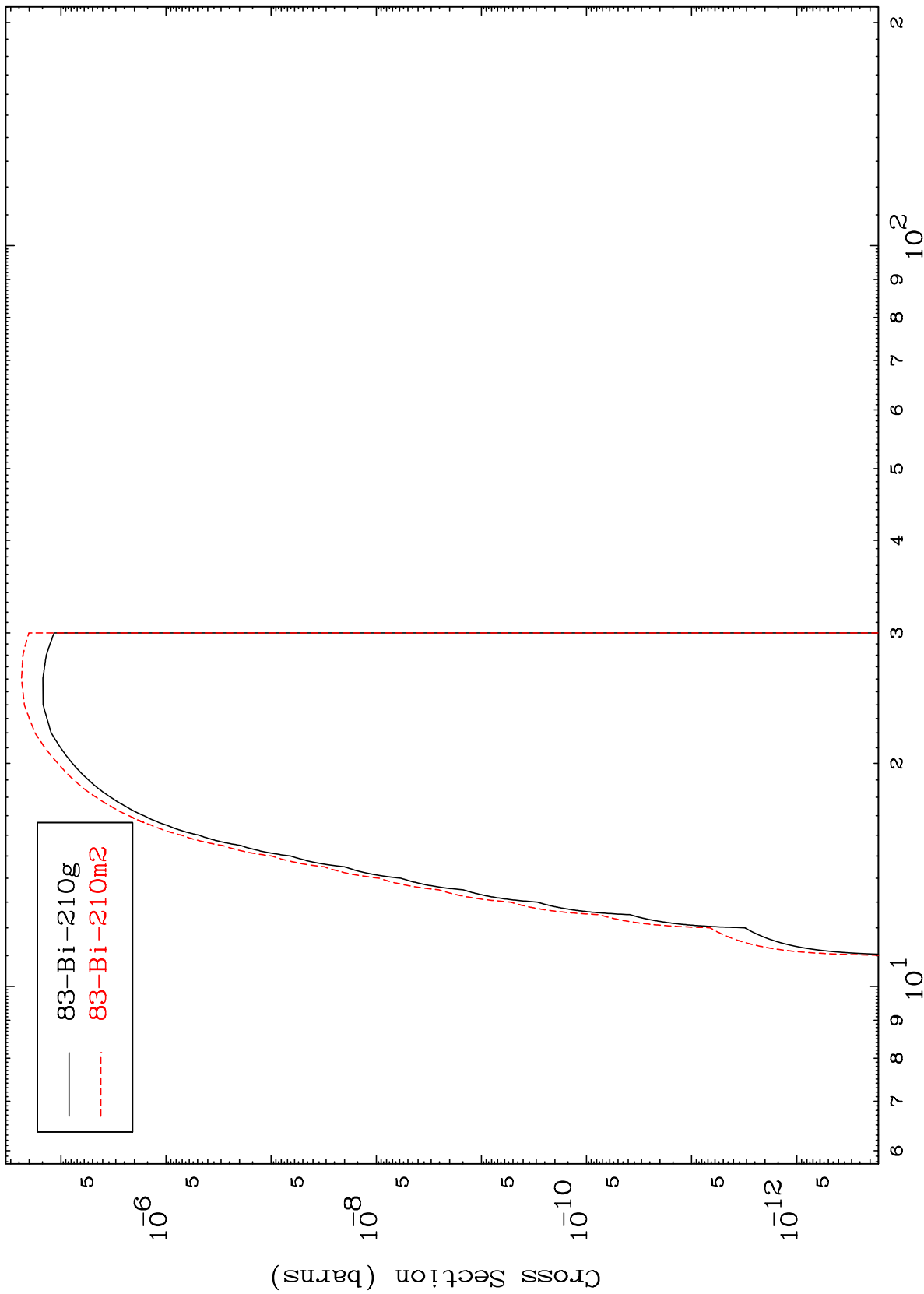
84-Po-212m

16

MAT 8444

84-Po-212m

(n,d)
Radionuclide Production Cross Section



17

84-Po-212m

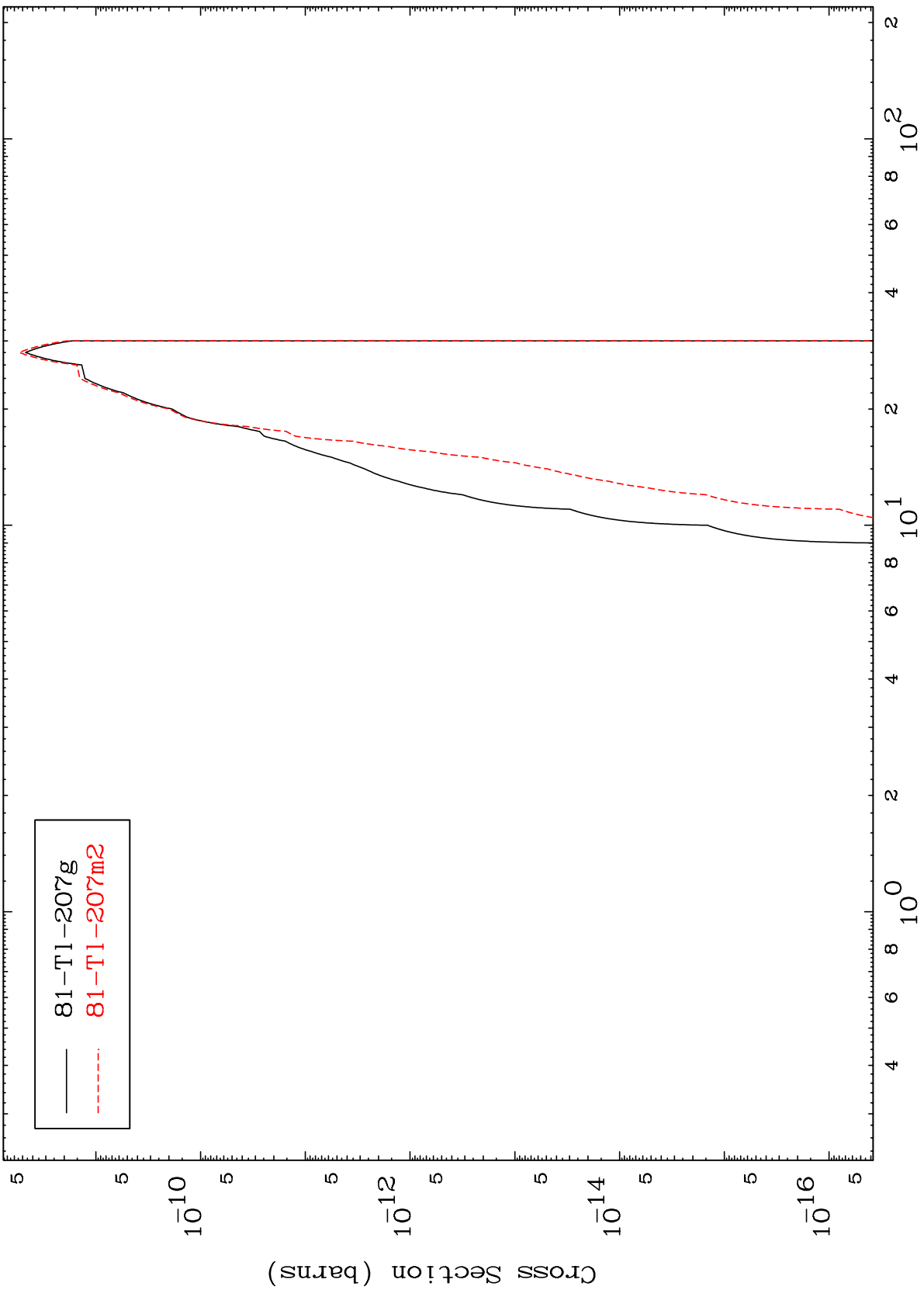
Incident Energy (MeV)

MAT 8444

(n,p) α

84-Po-212m

Radionuclide Production Cross Section



81-Tl-207g
81-Tl-207m2