

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

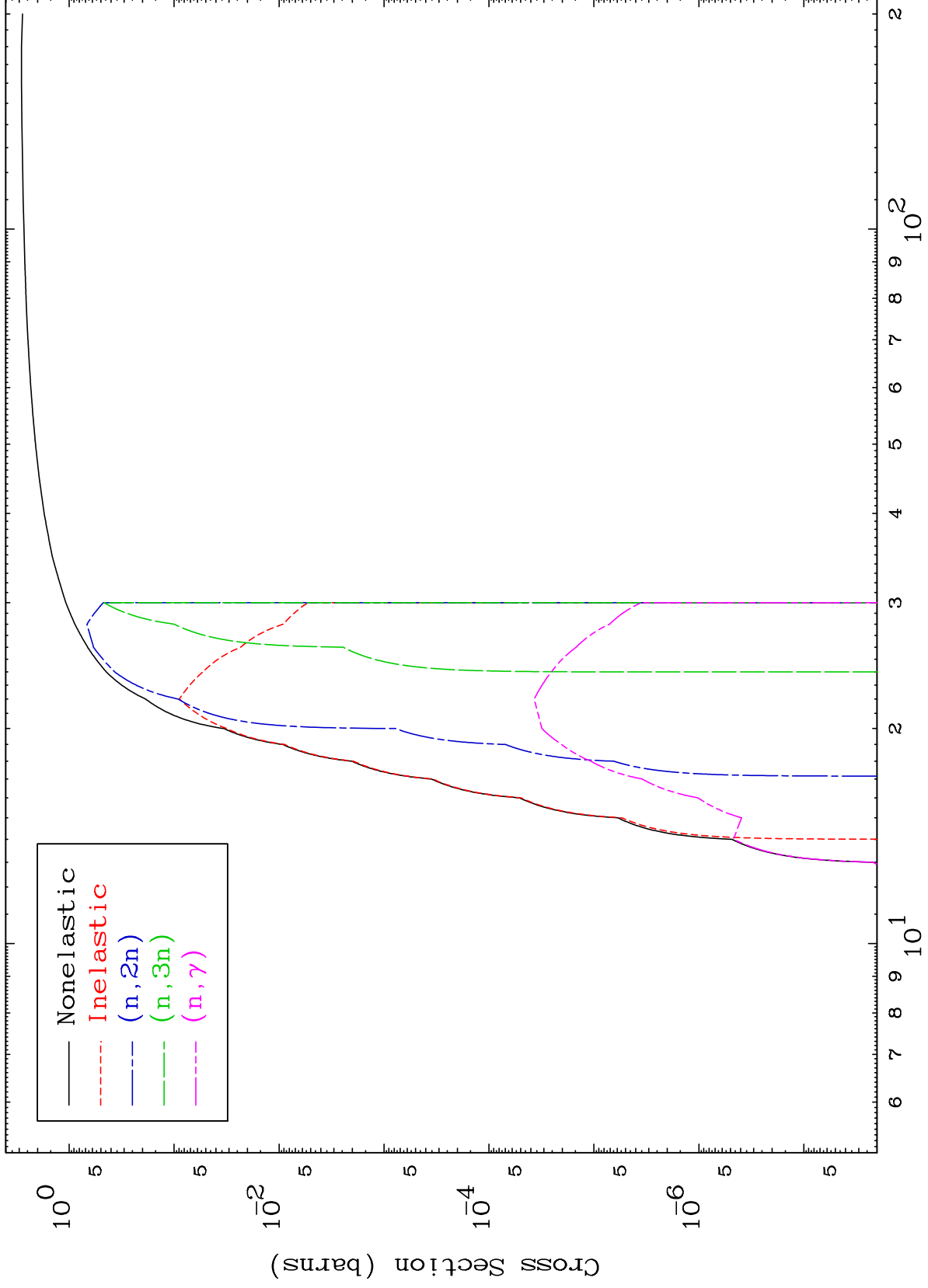
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8444

0 Kelvin  
 $\alpha$  Major Cross Sections

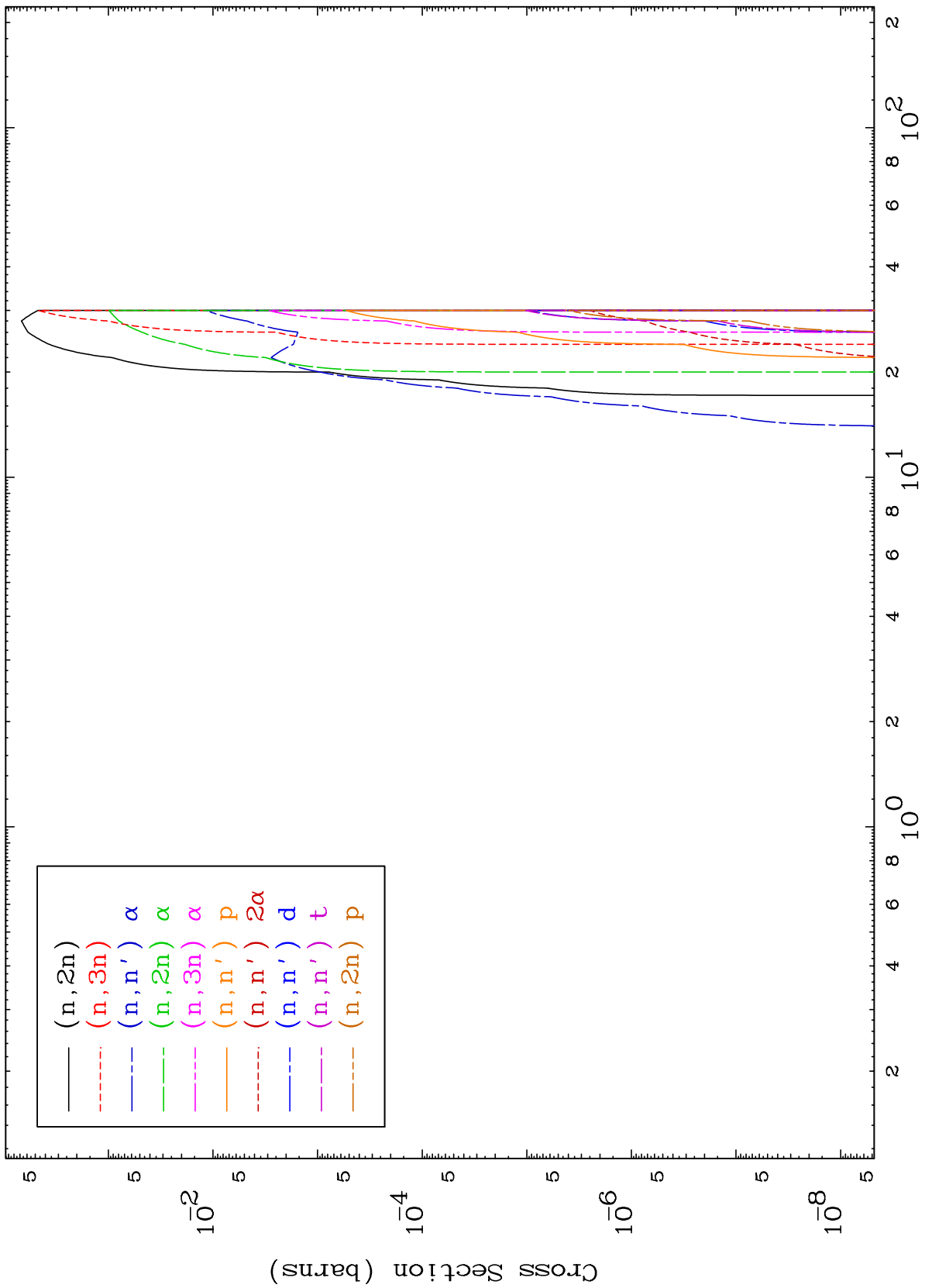
84-Po-212m



MAT 8444

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

84-Po-212m



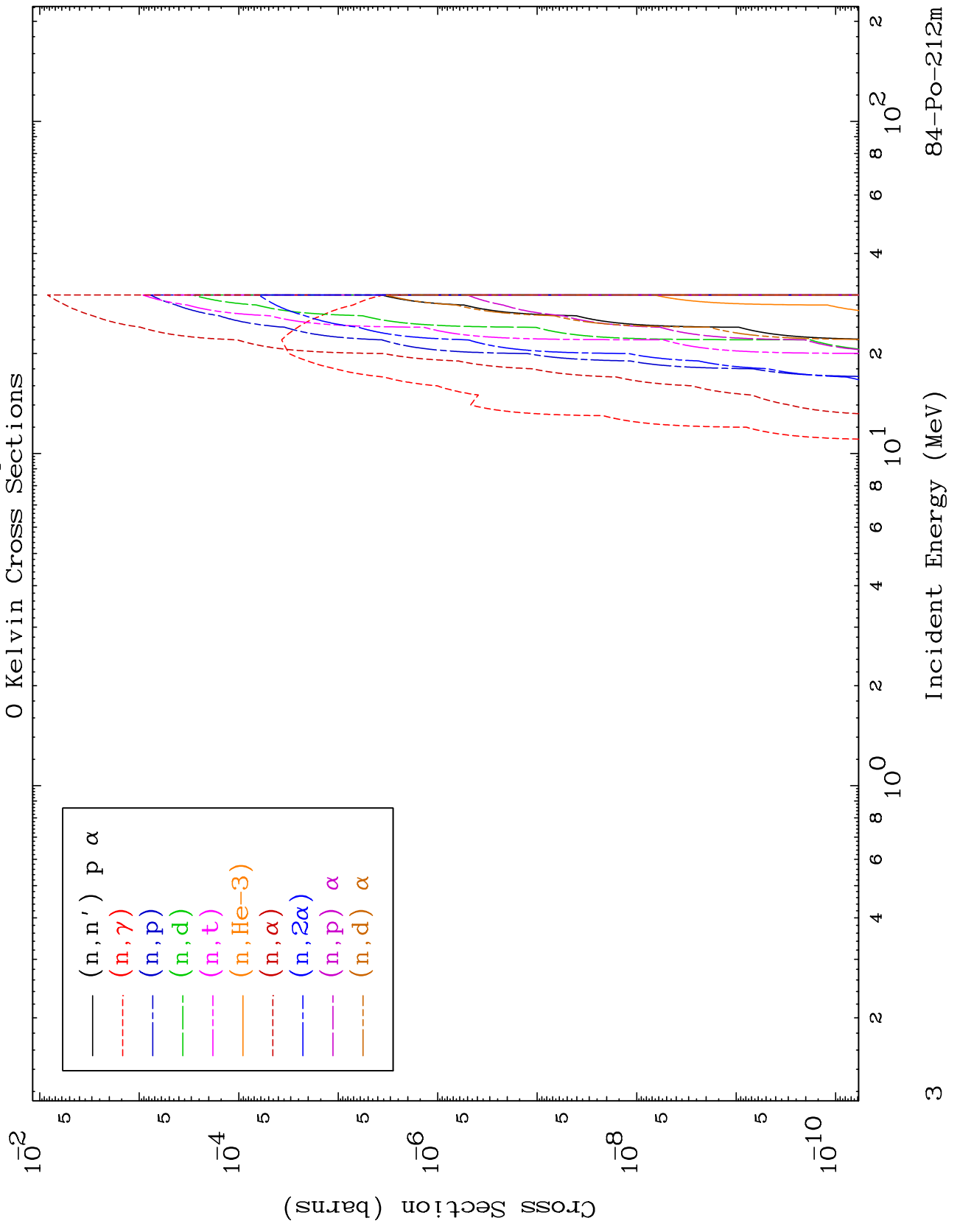
Incident Energy (MeV)

84-Po-212m

MAT 8444

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

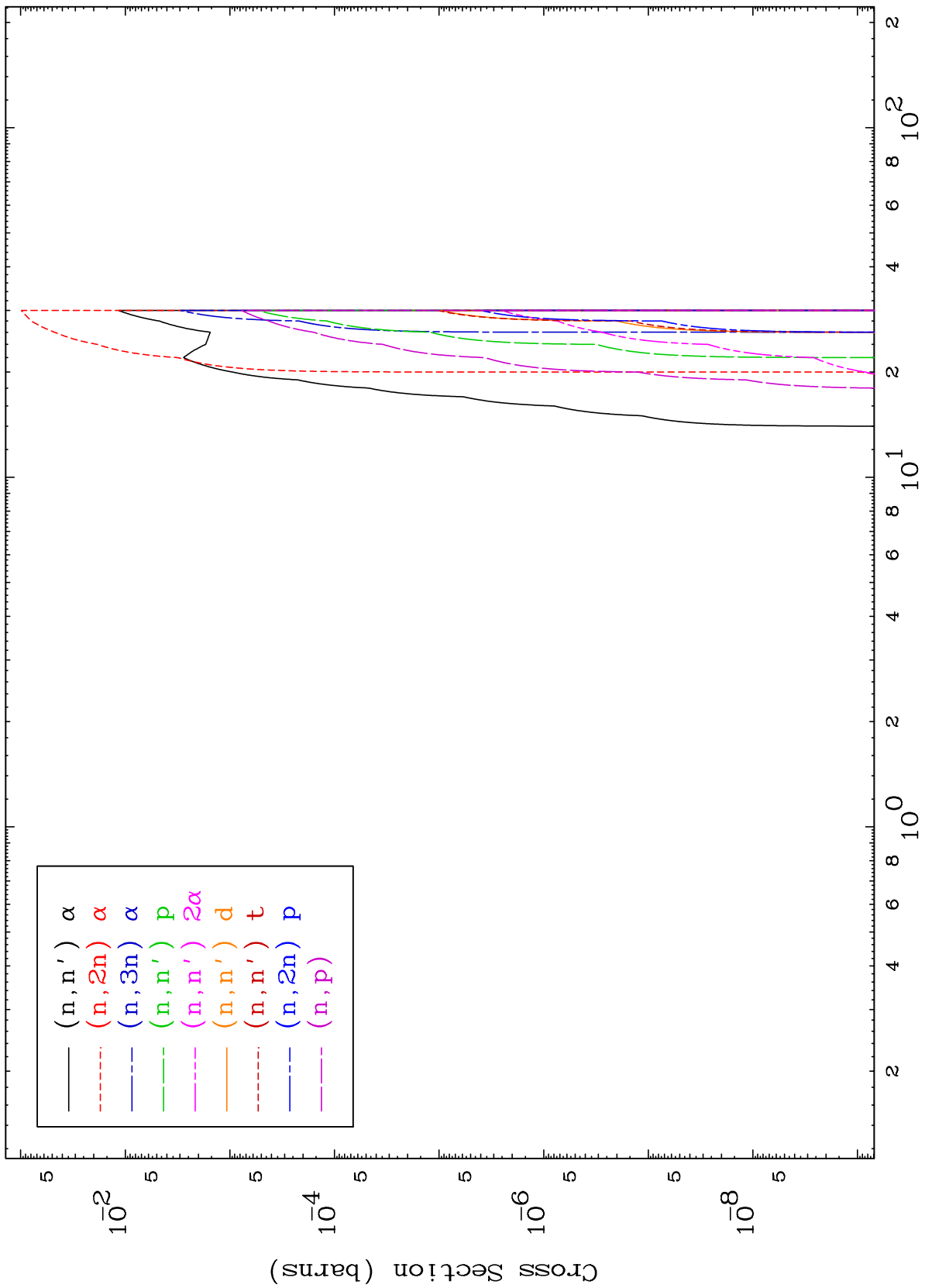
84-Po-212m



MAT 8444

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

84-Po-212m



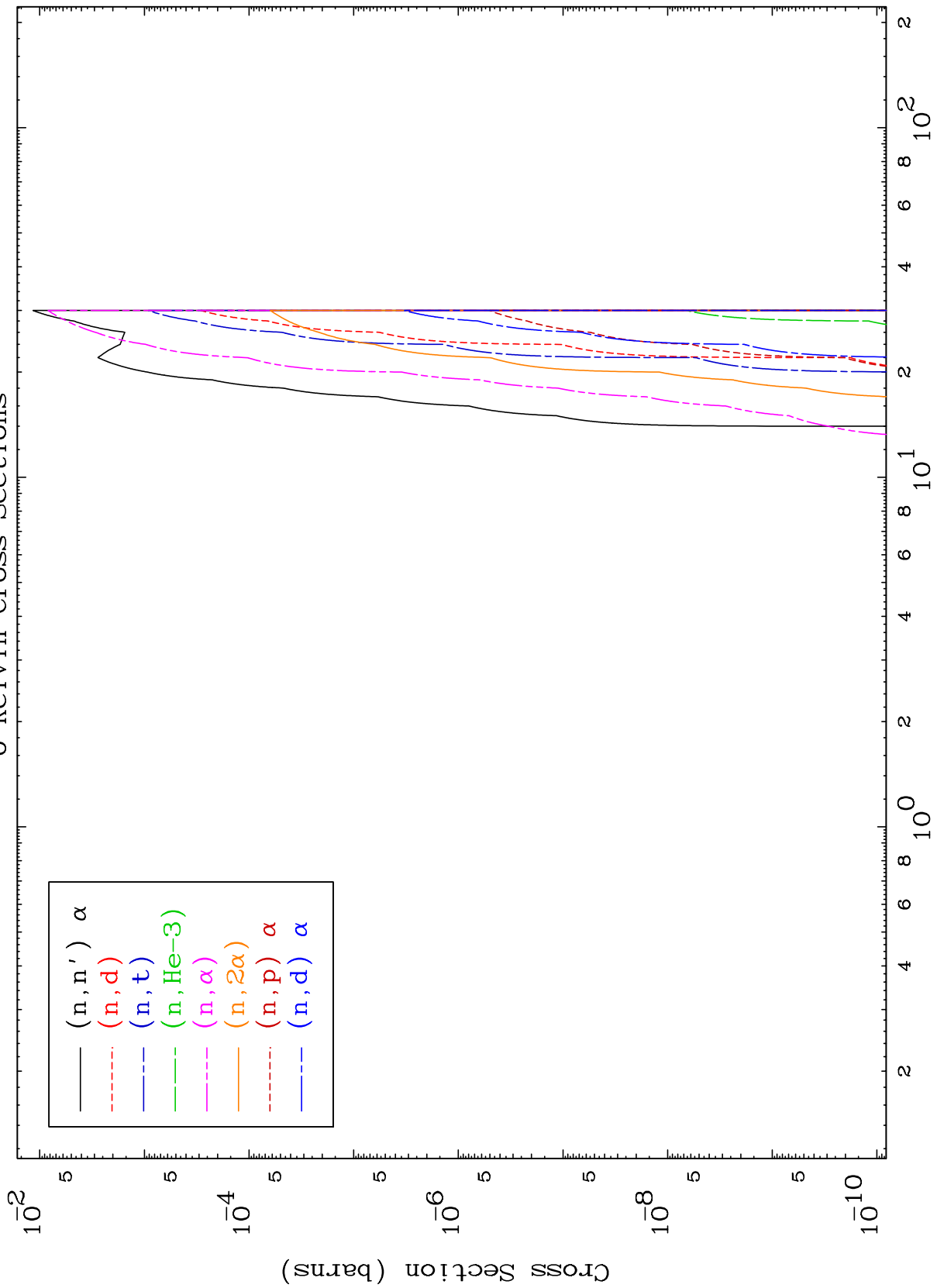
84-Po-212m

Incident Energy (MeV)

MAT 8444

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

84-Po-212m

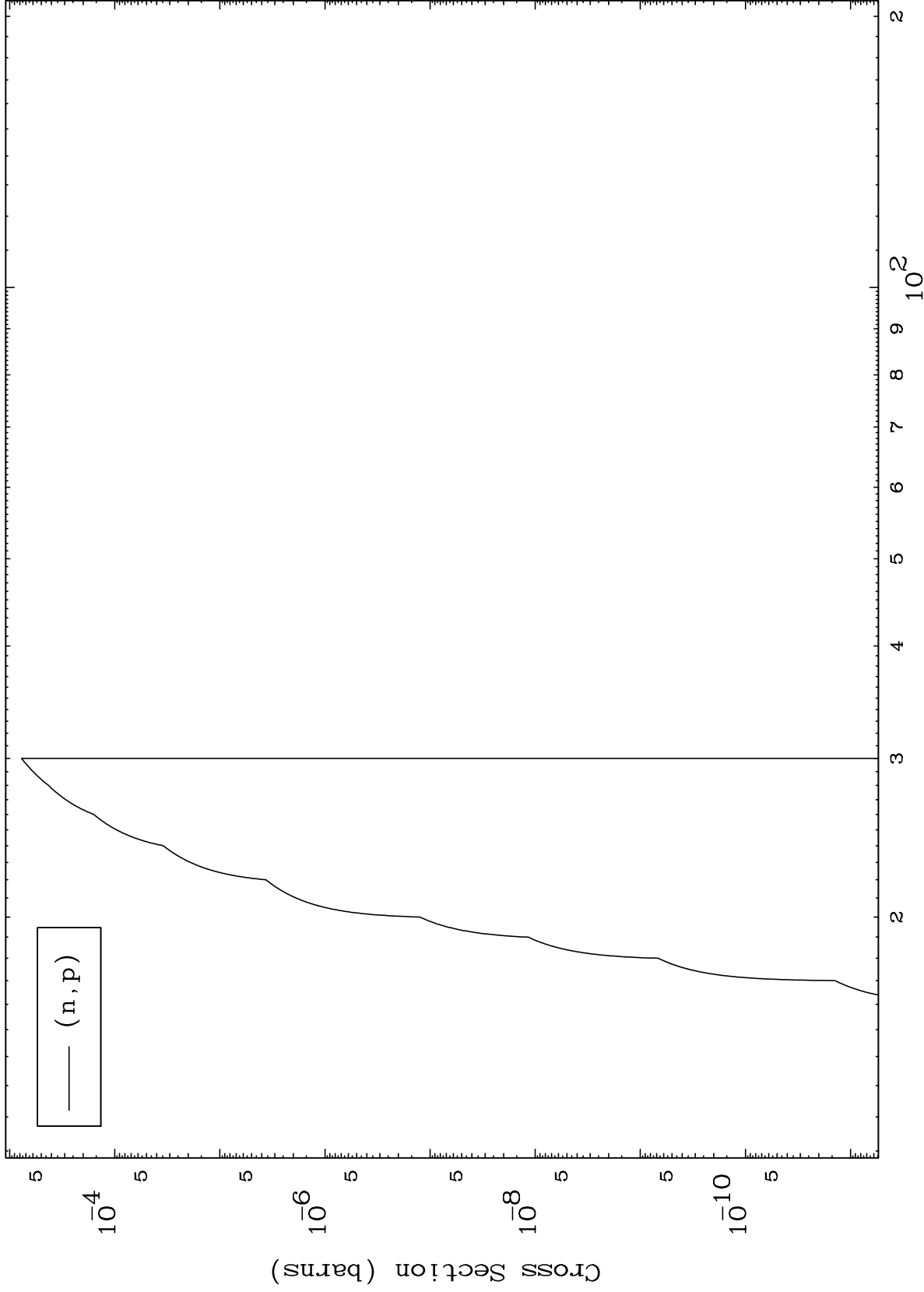


MAT 8444

( $\alpha, p$ ) Levels

84-Po-212m

0 Kelvin Cross Sections



6

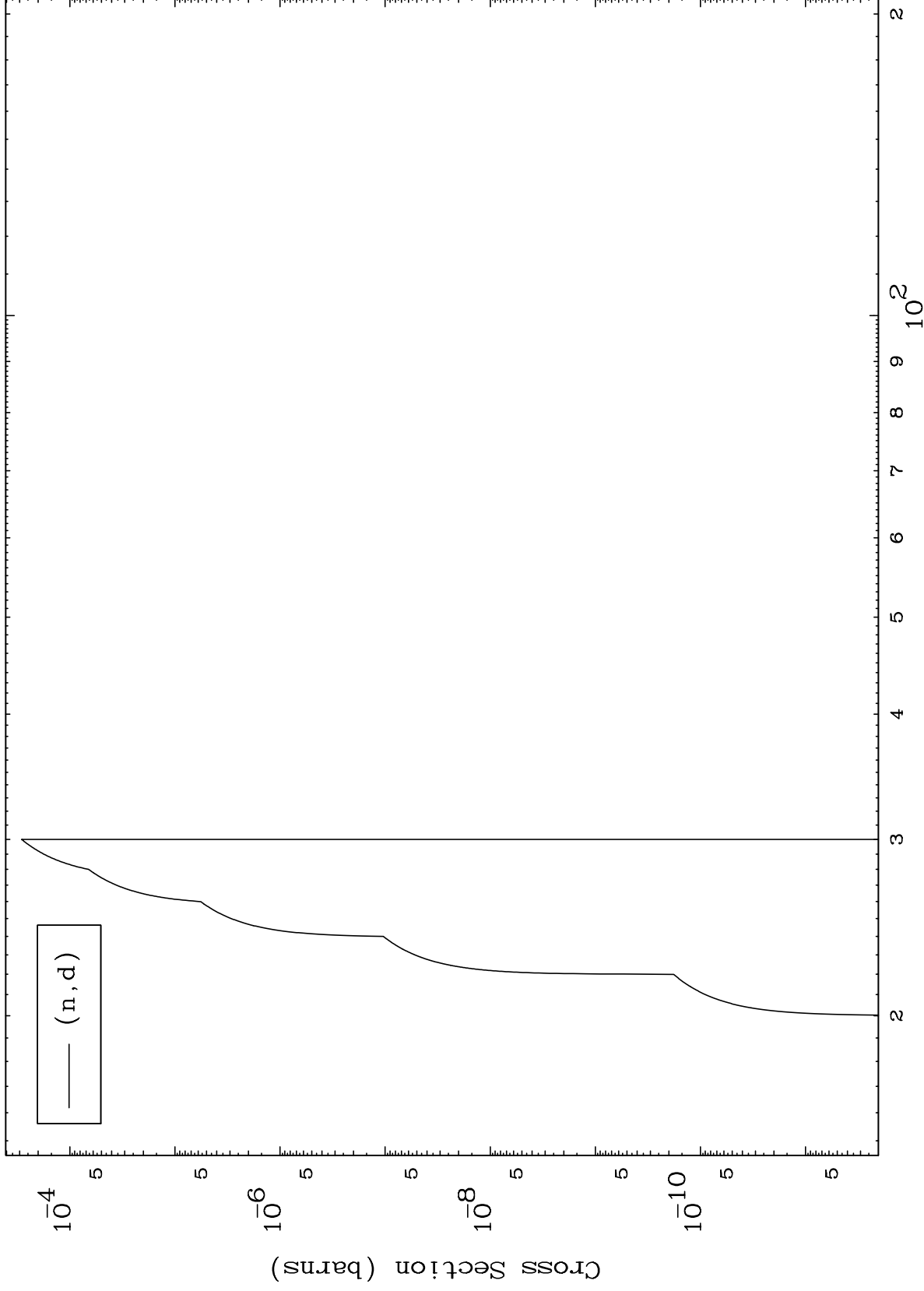
Incident Energy (MeV)

84-Po-212m

MAT 8444

( $\alpha, d$ ) Levels  
0 Kelvin Cross Sections

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



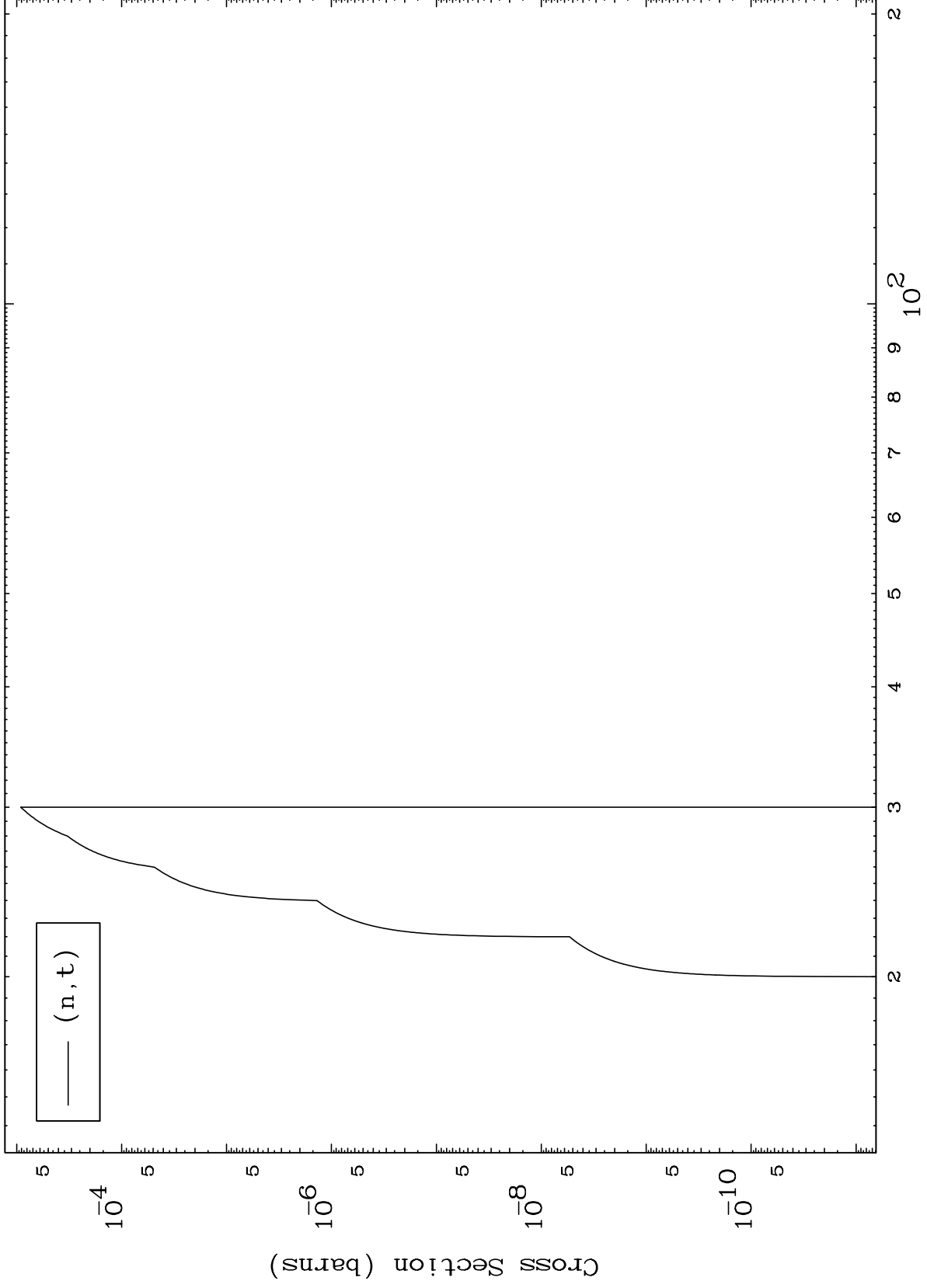
7

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

MAT 8444

( $\alpha, t$ ) Levels  
0 Kelvin Cross Sections

84-Po-212m

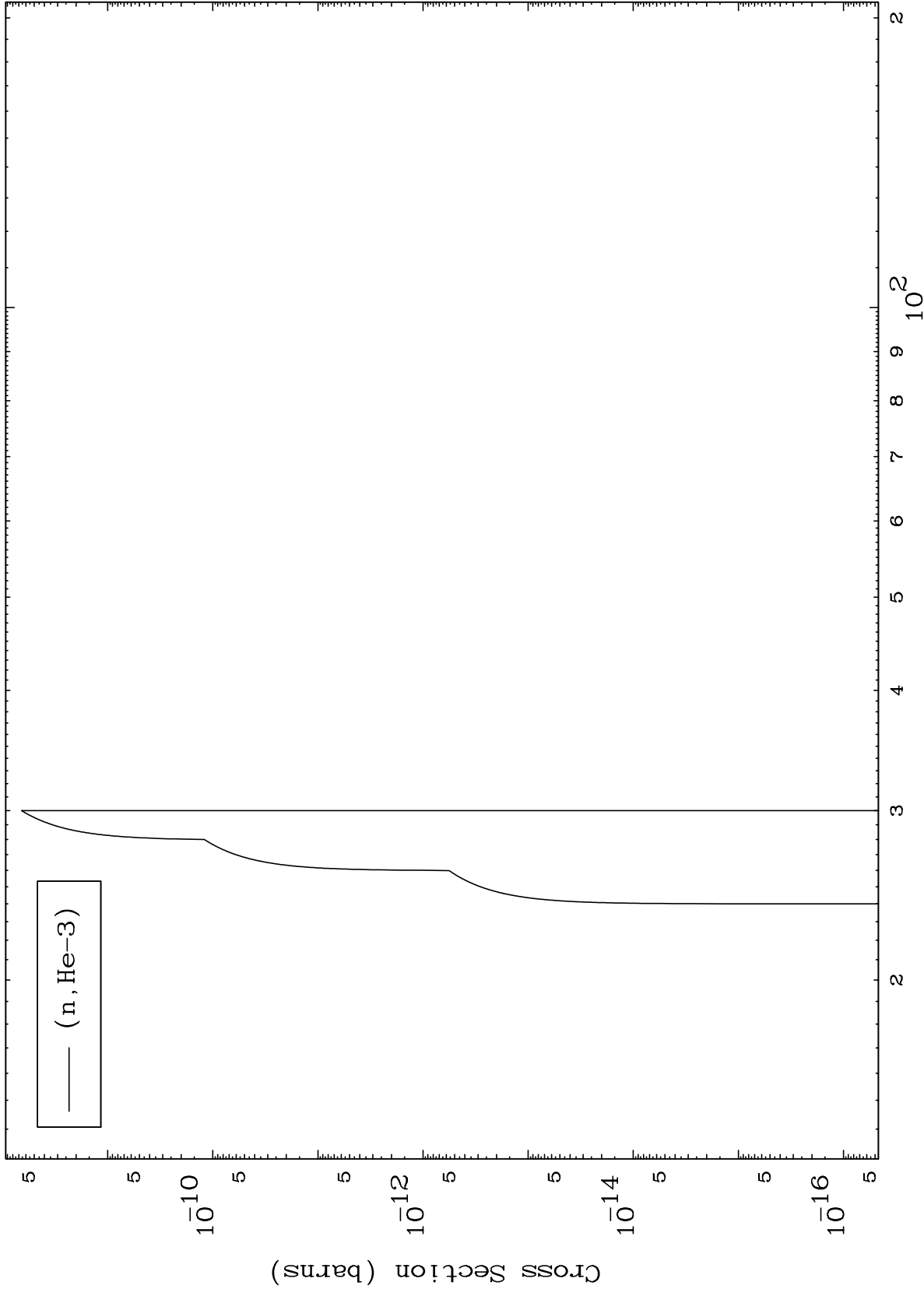


MAT 8444

( $\alpha, \text{He}3$ ) Levels

84-Po-212m

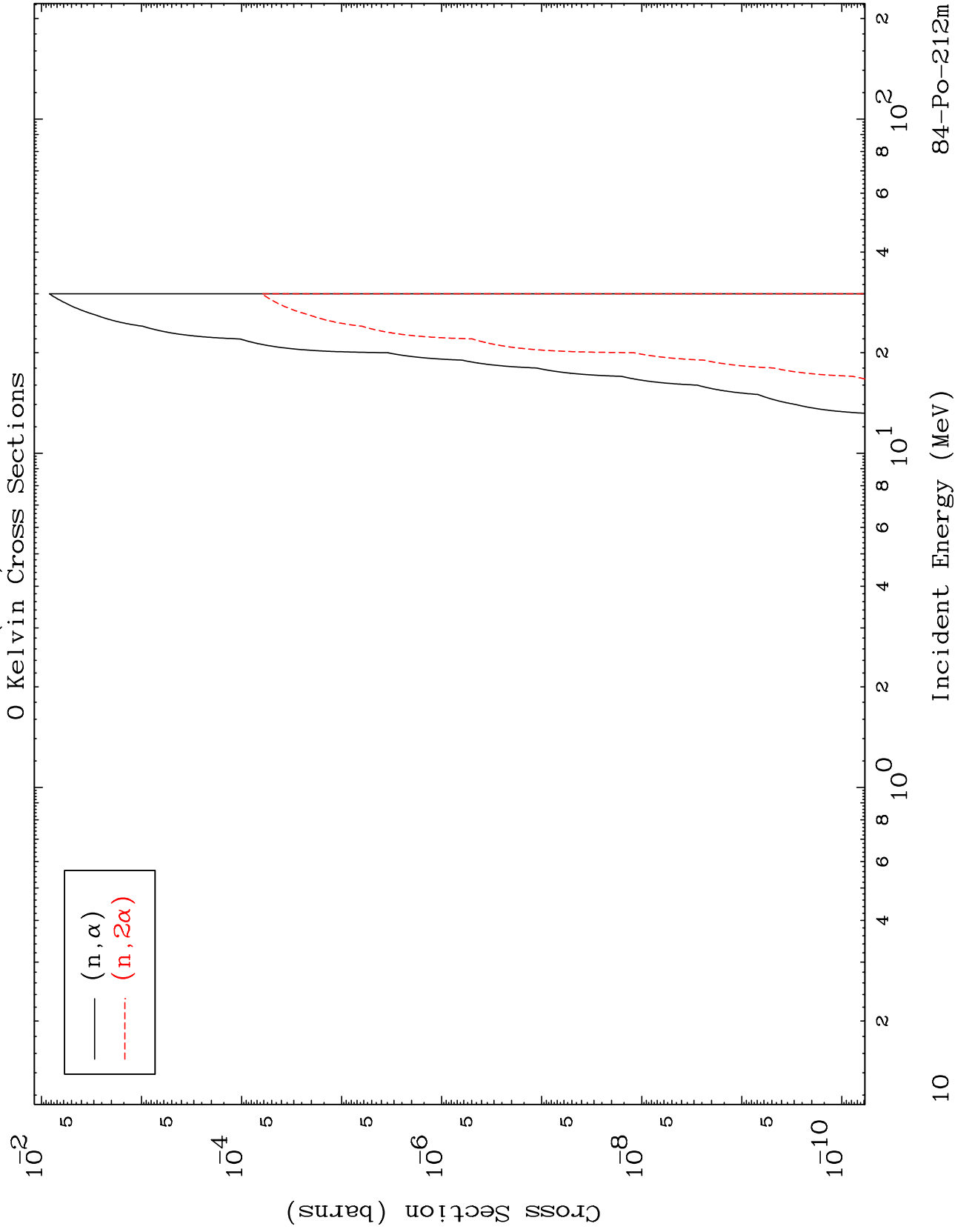
0 Kelvin Cross Sections



MAT 8444

( $\alpha, \alpha$ ) Levels

84-Po-212m

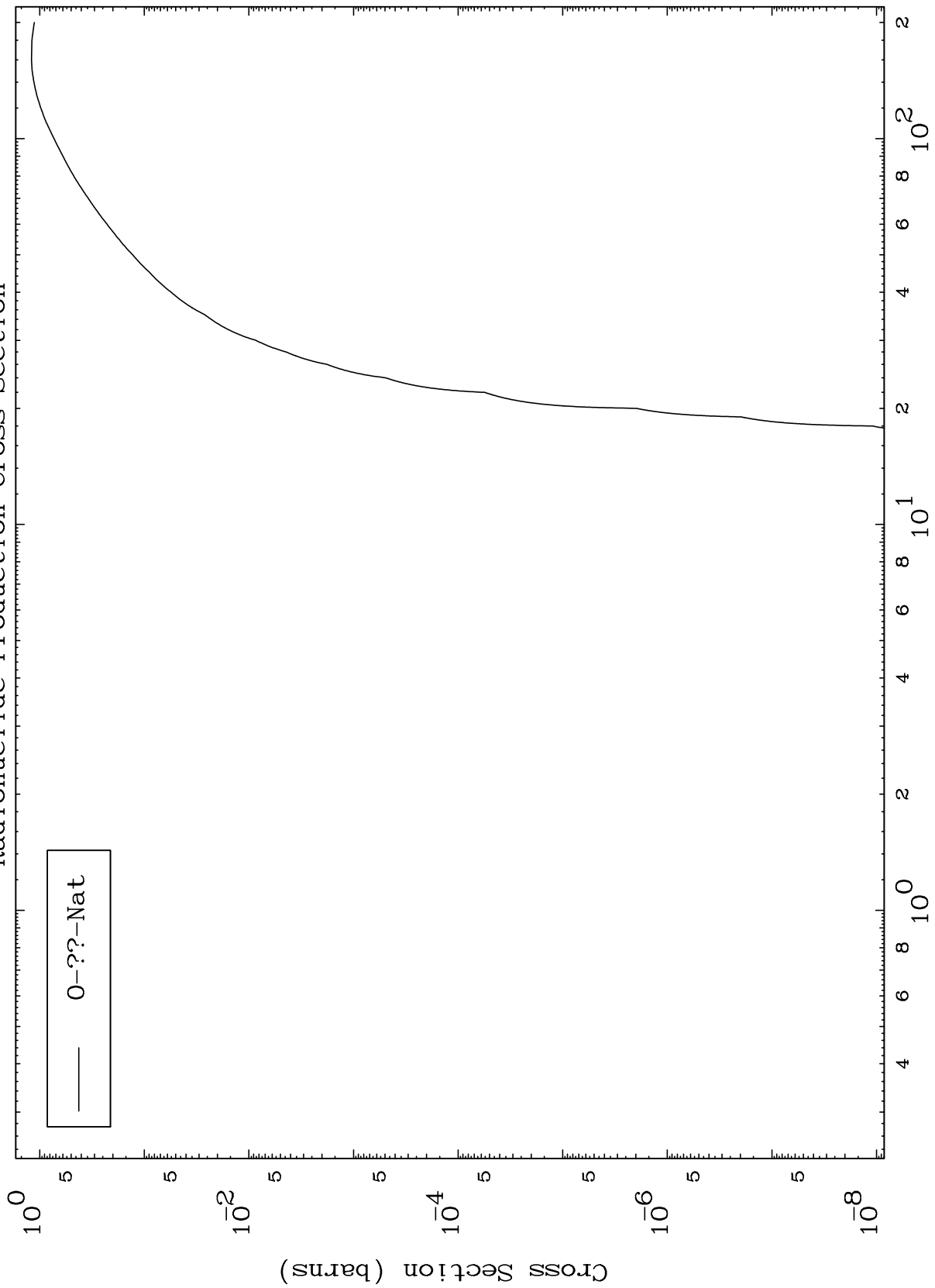


MAT 8444

Fission

84-Po-212m

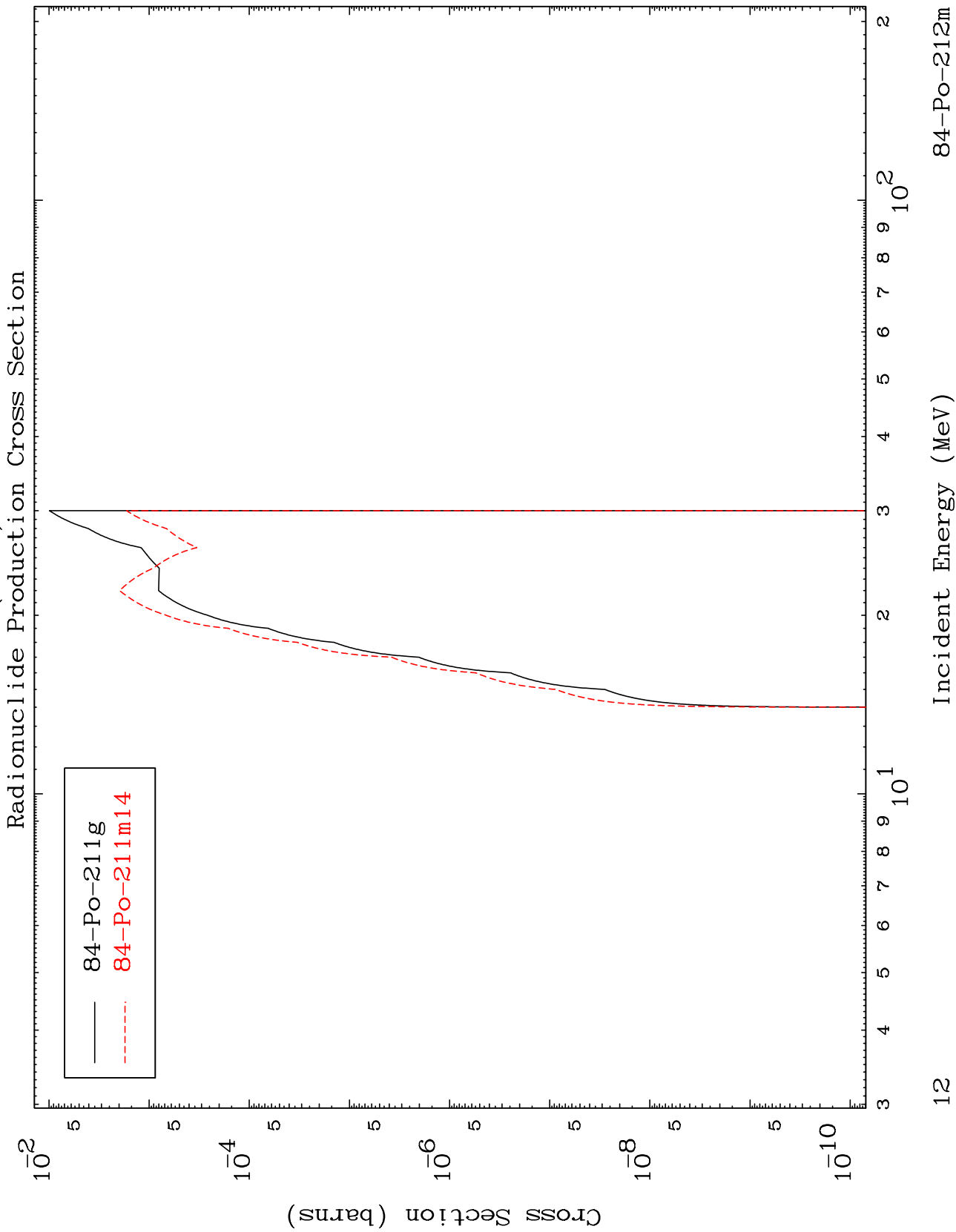
Radionuclide Production Cross Section



MAT 8444

(n,n')  $\alpha$

84-Po-212m



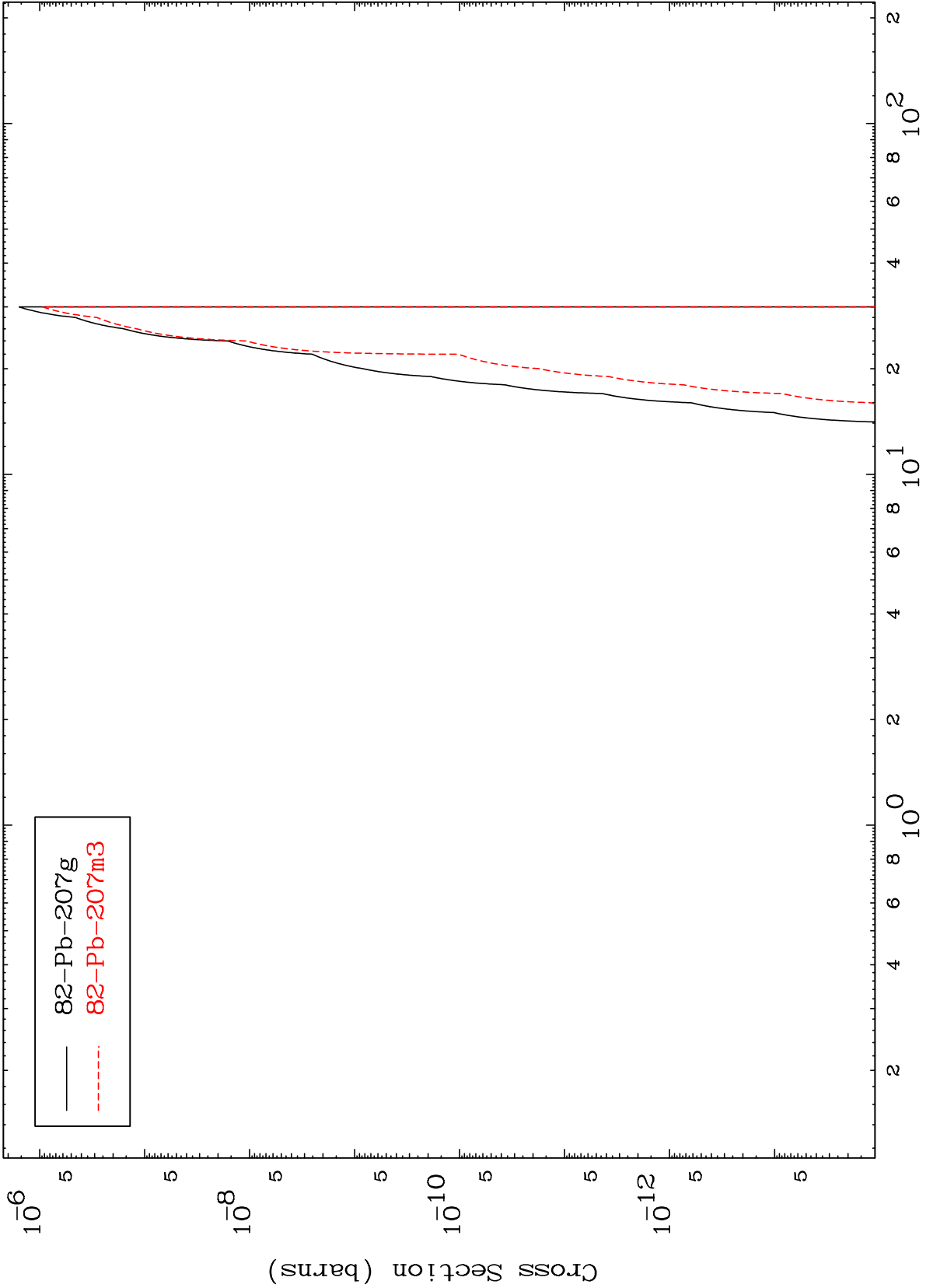
12

MAT 8444

(n,n') 2 $\alpha$

84-Po-212m

Radionuclide Production Cross Section



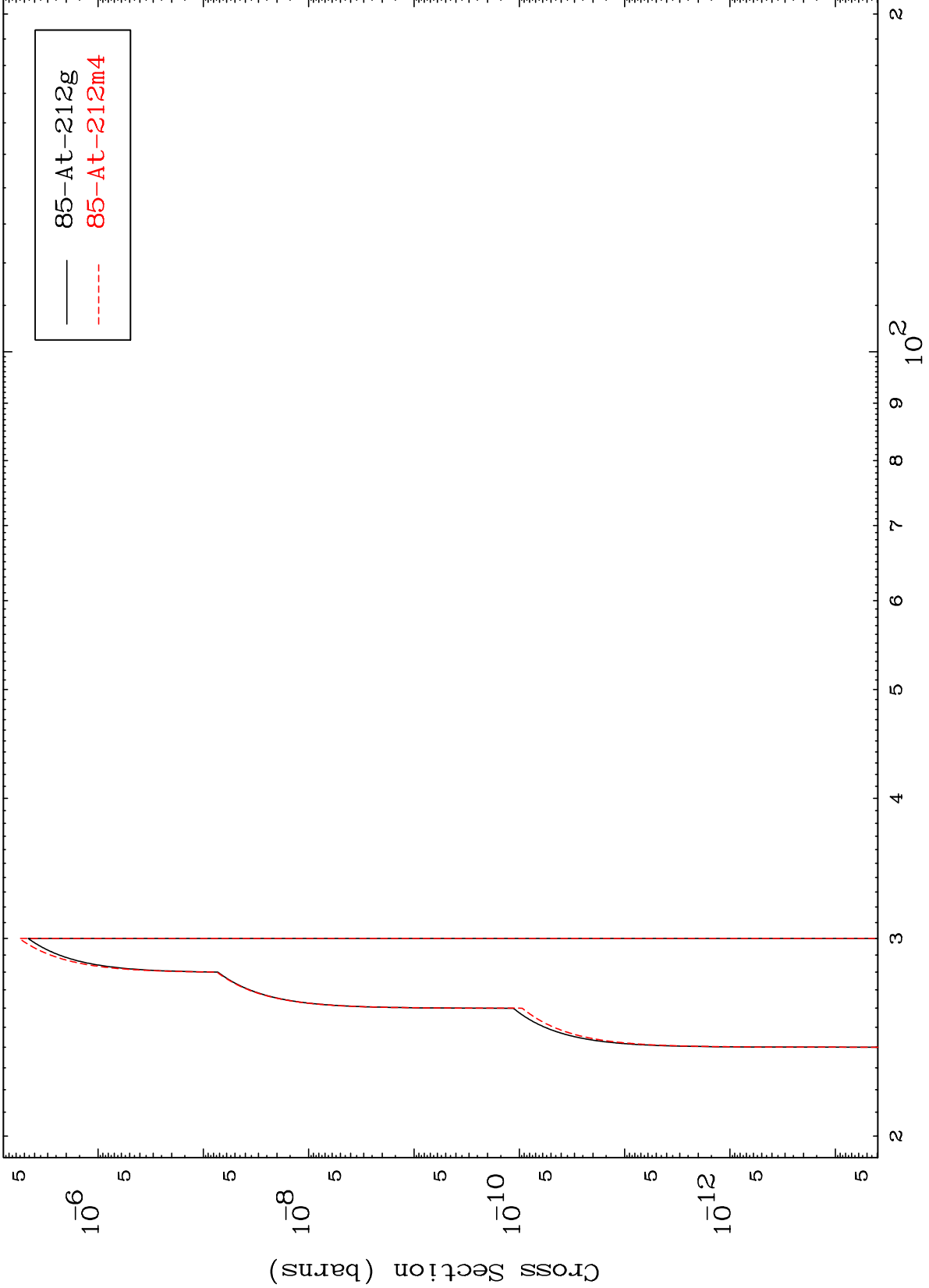
— 82-Pb-207g  
- - - 82-Pb-207m3

MAT 8444

(n,n') t

84-Po-212m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

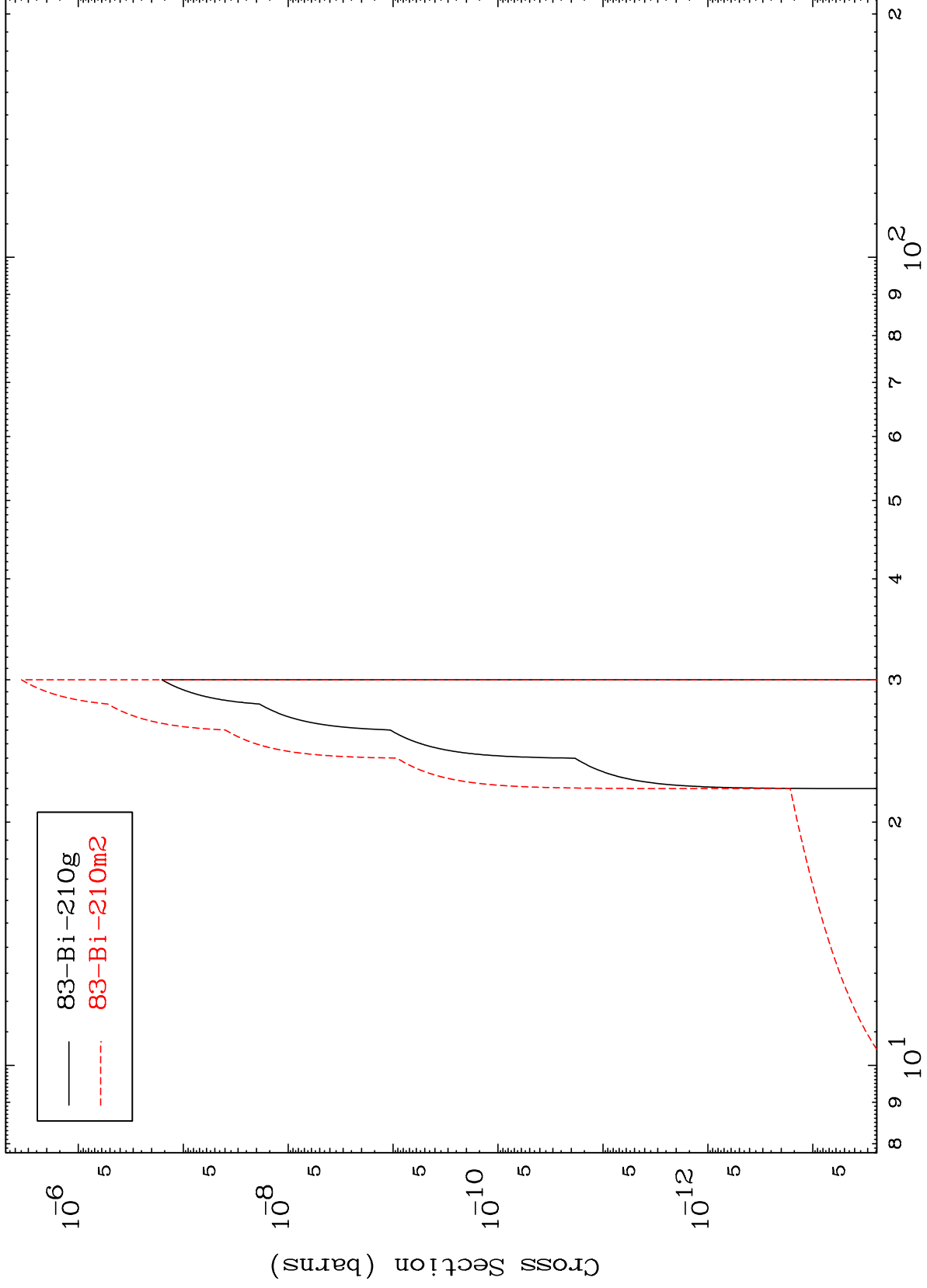
84-Po-212m

MAT 8444

(n,n') p  $\alpha$

84-Po-212m

Radionuclide Production Cross Section



15

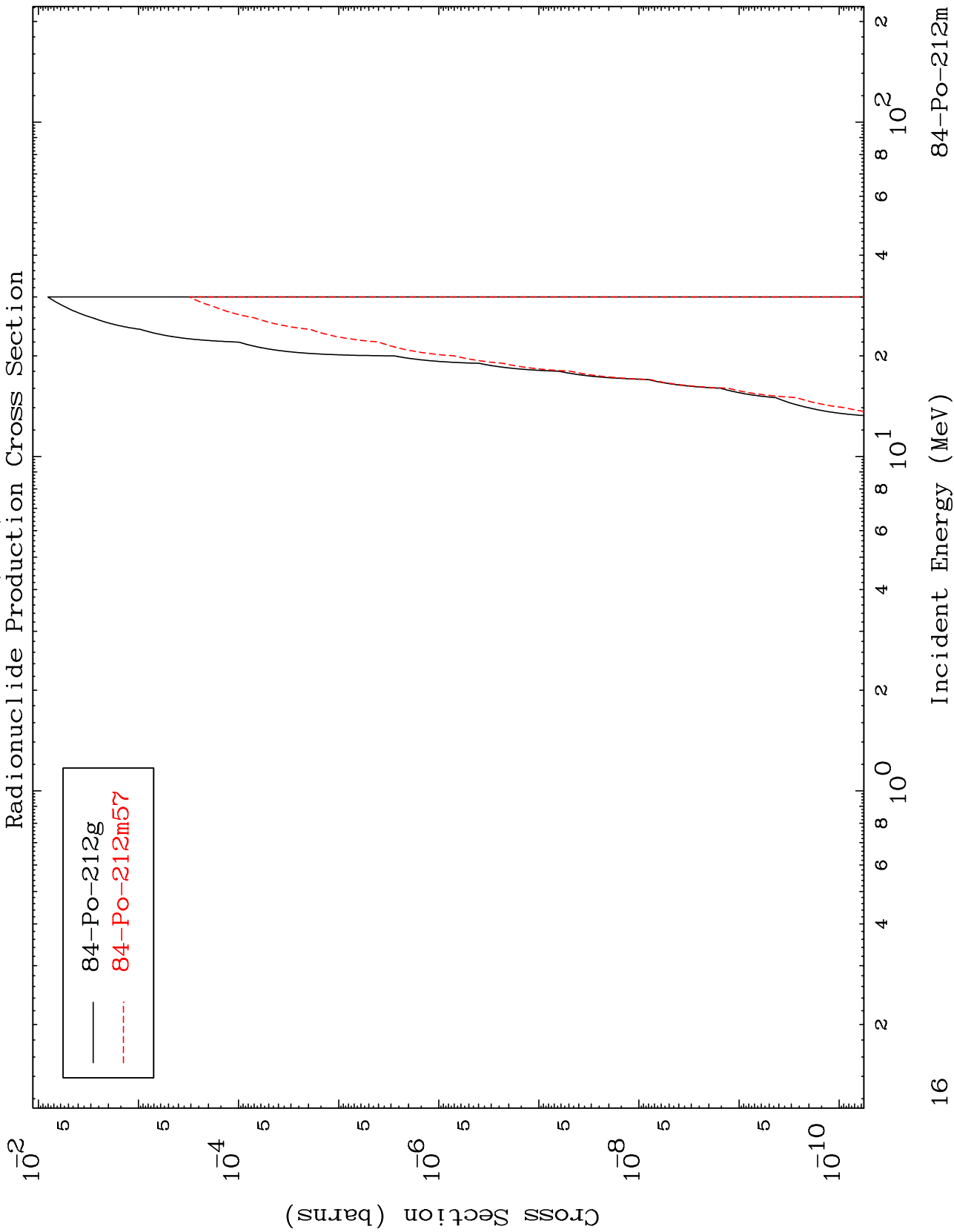
Incident Energy (MeV)

84-Po-212m

MAT 8444

(n,  $\alpha$ )

84-Po-212m

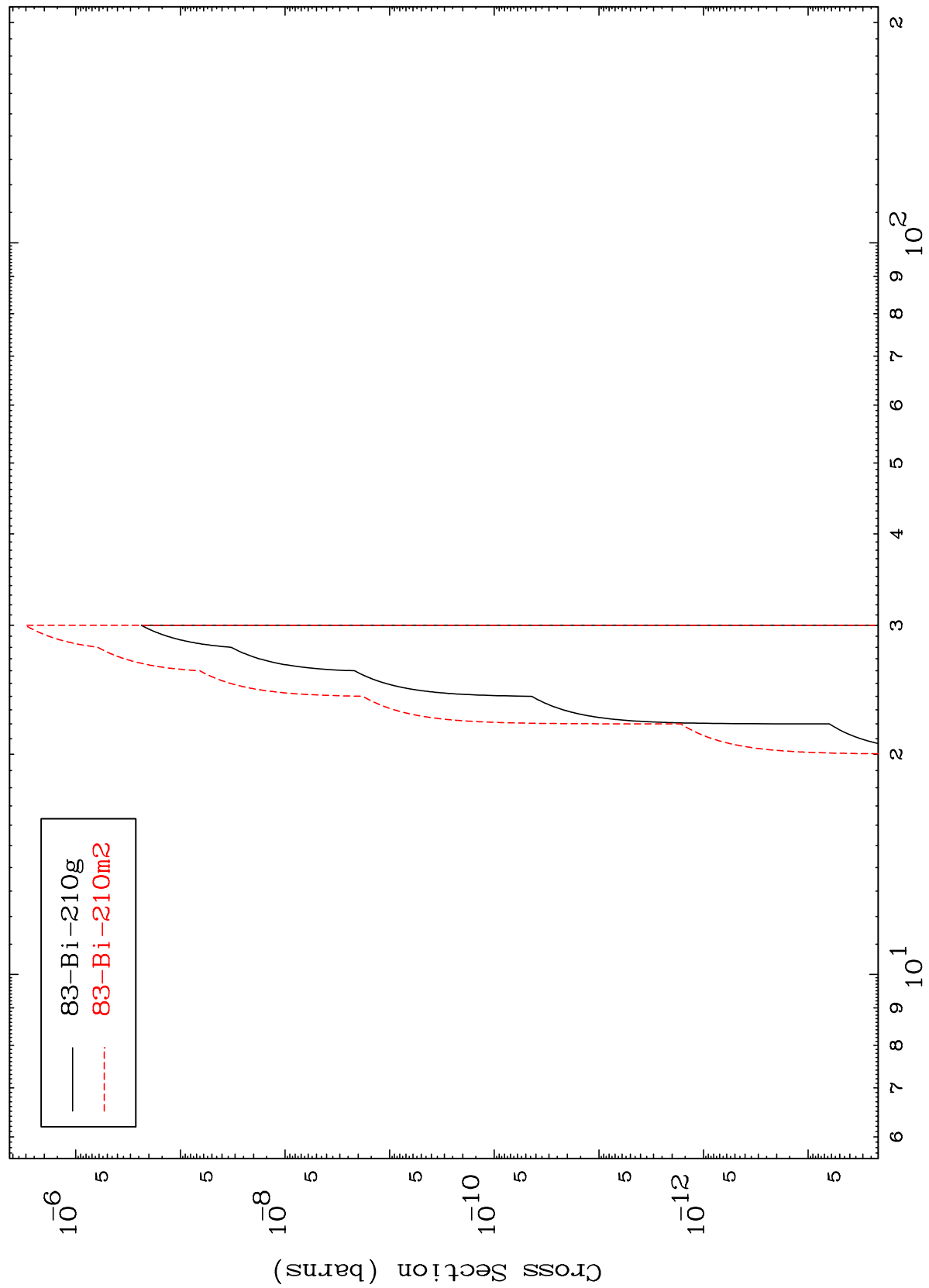


MAT 8444

84-Po-212m

(n,d)  $\alpha$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

84-Po-212m