

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

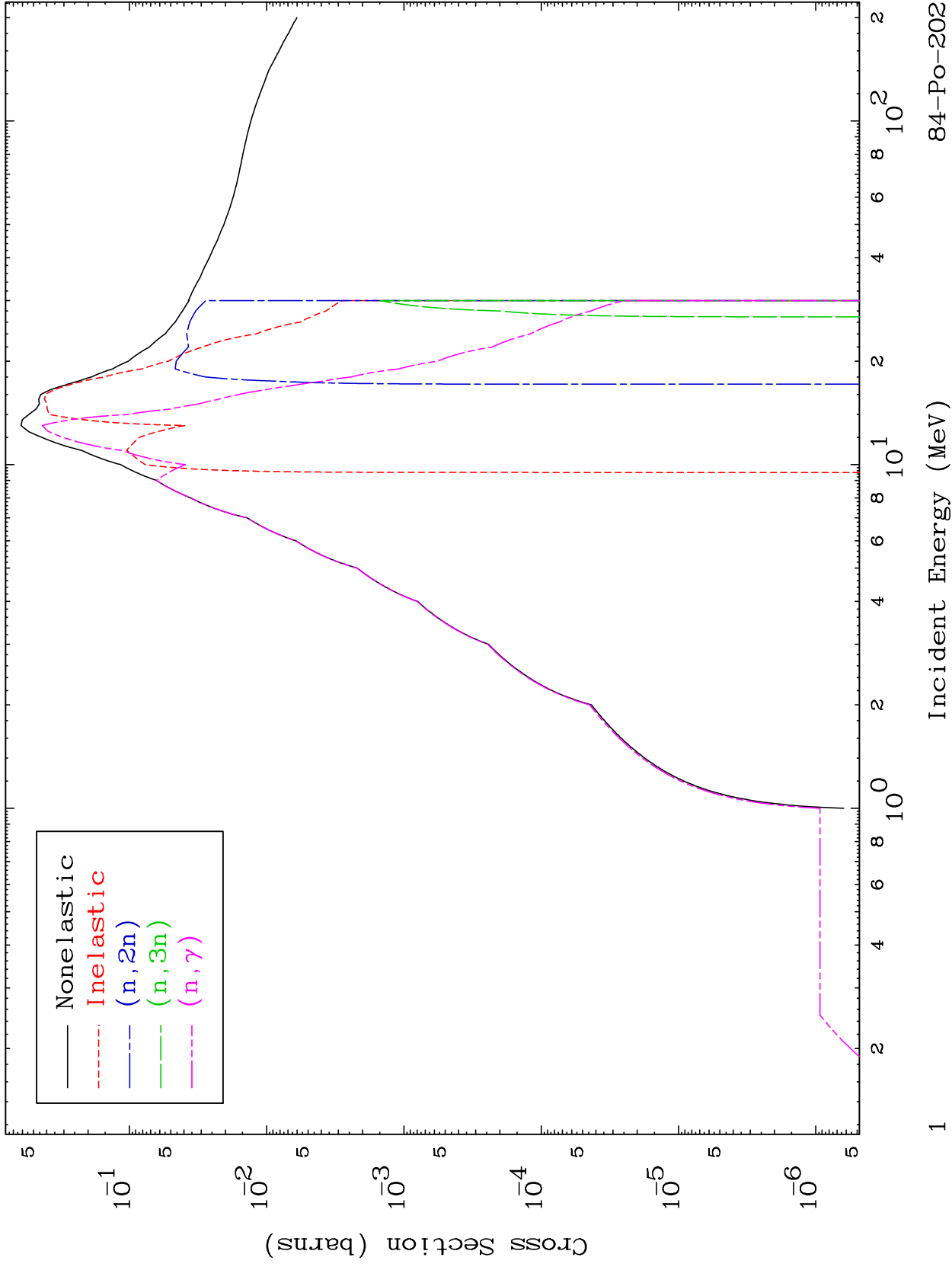
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8413

Photon Major  
0 Kelvin Cross Sections

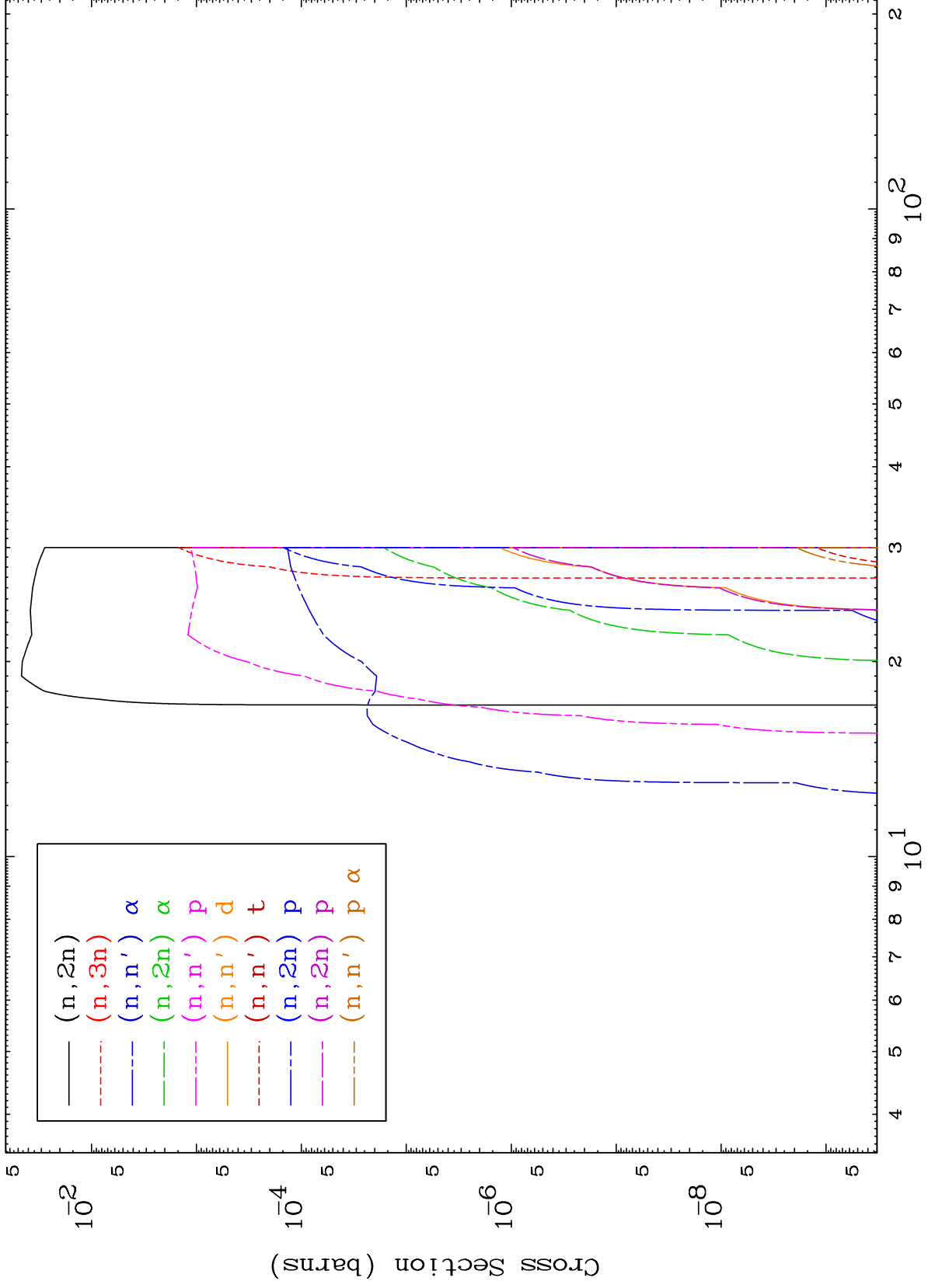
84-Po-202



MAT 8413

Photon Neutron Absorption  
0 Kelvin Cross Sections

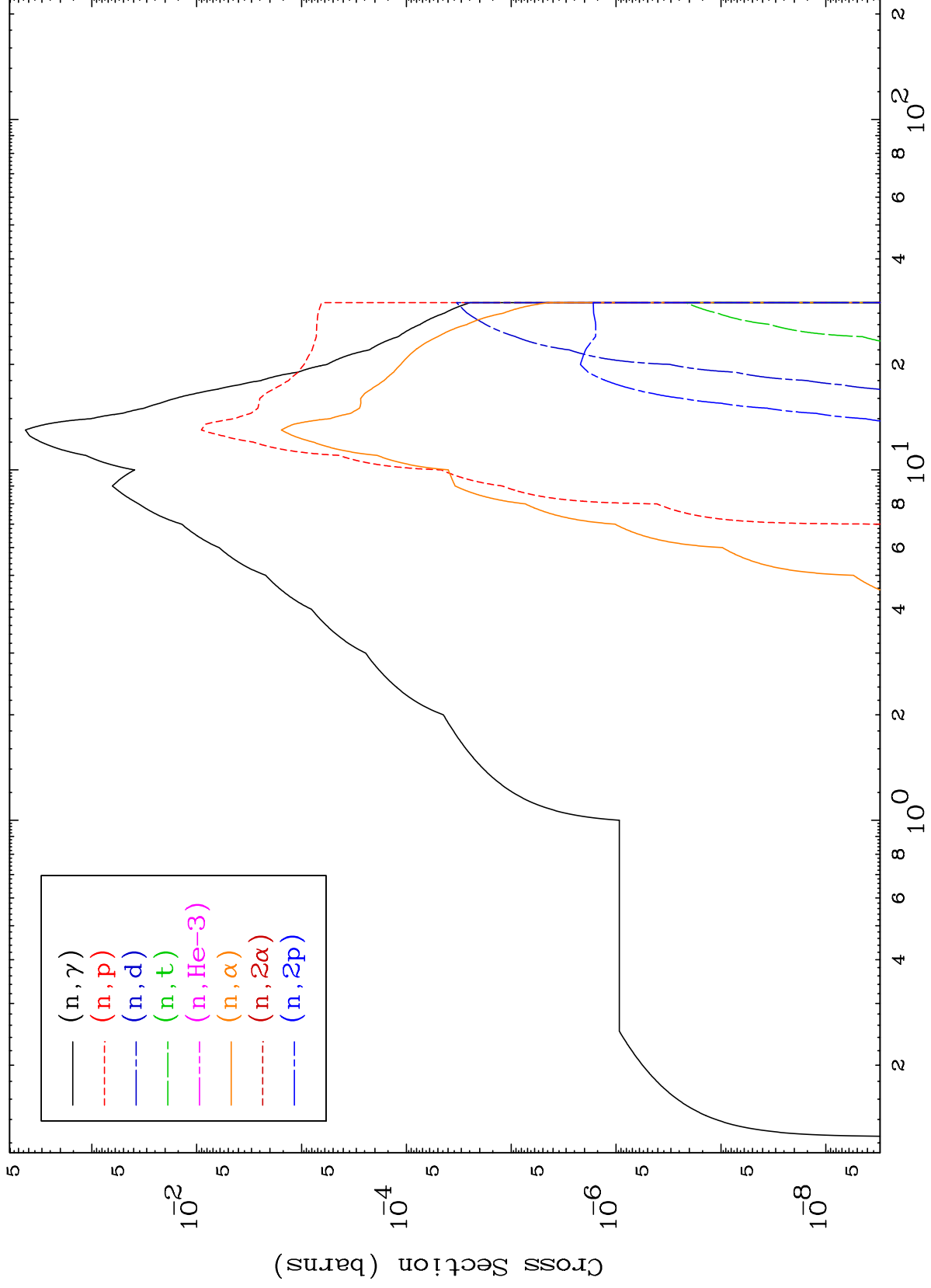
84-Po-202



84-Po-202

Incident Energy (MeV)

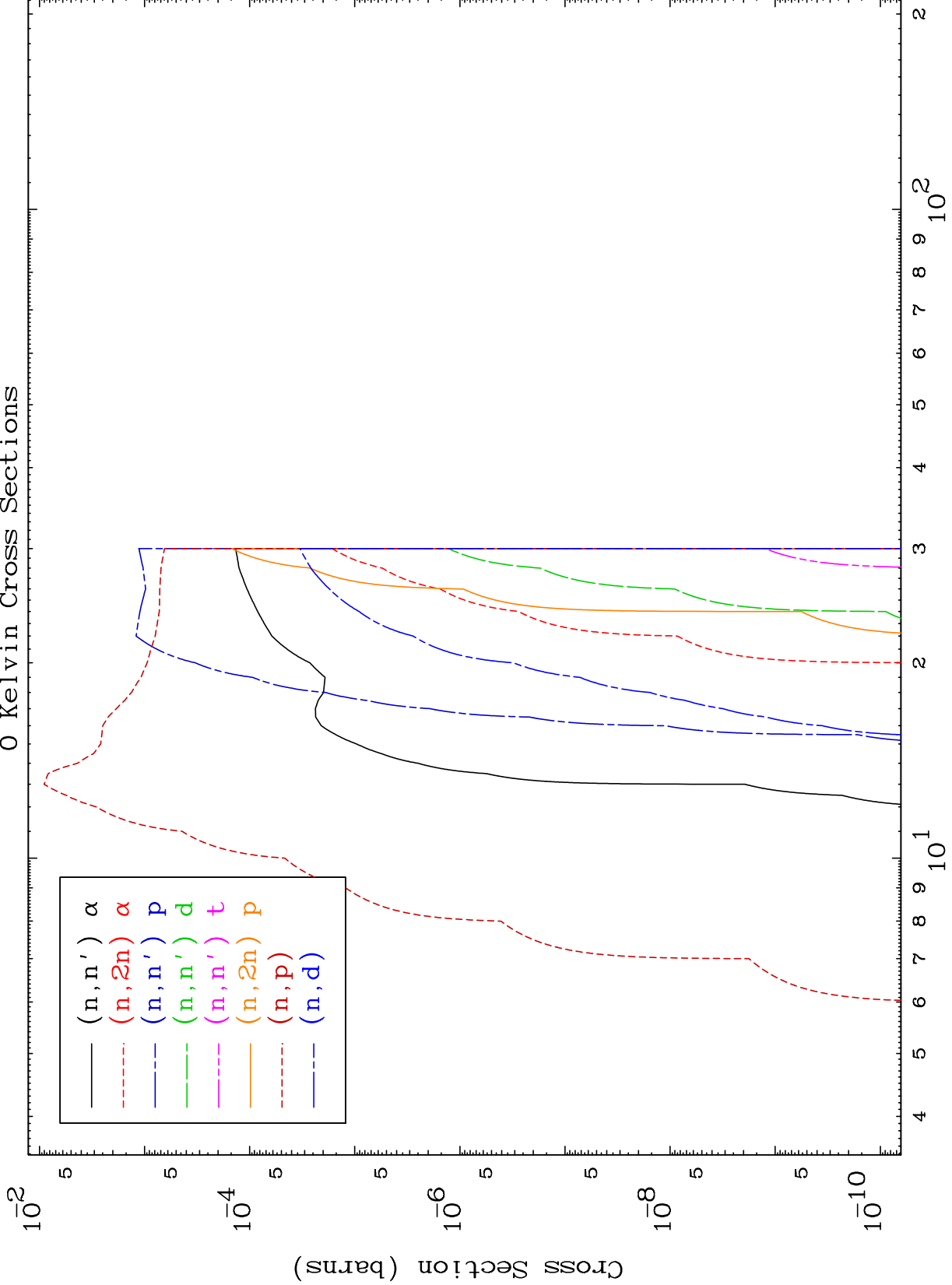
2



MAT 8413

Photon Charged Particle  
0 Kelvin Cross Sections

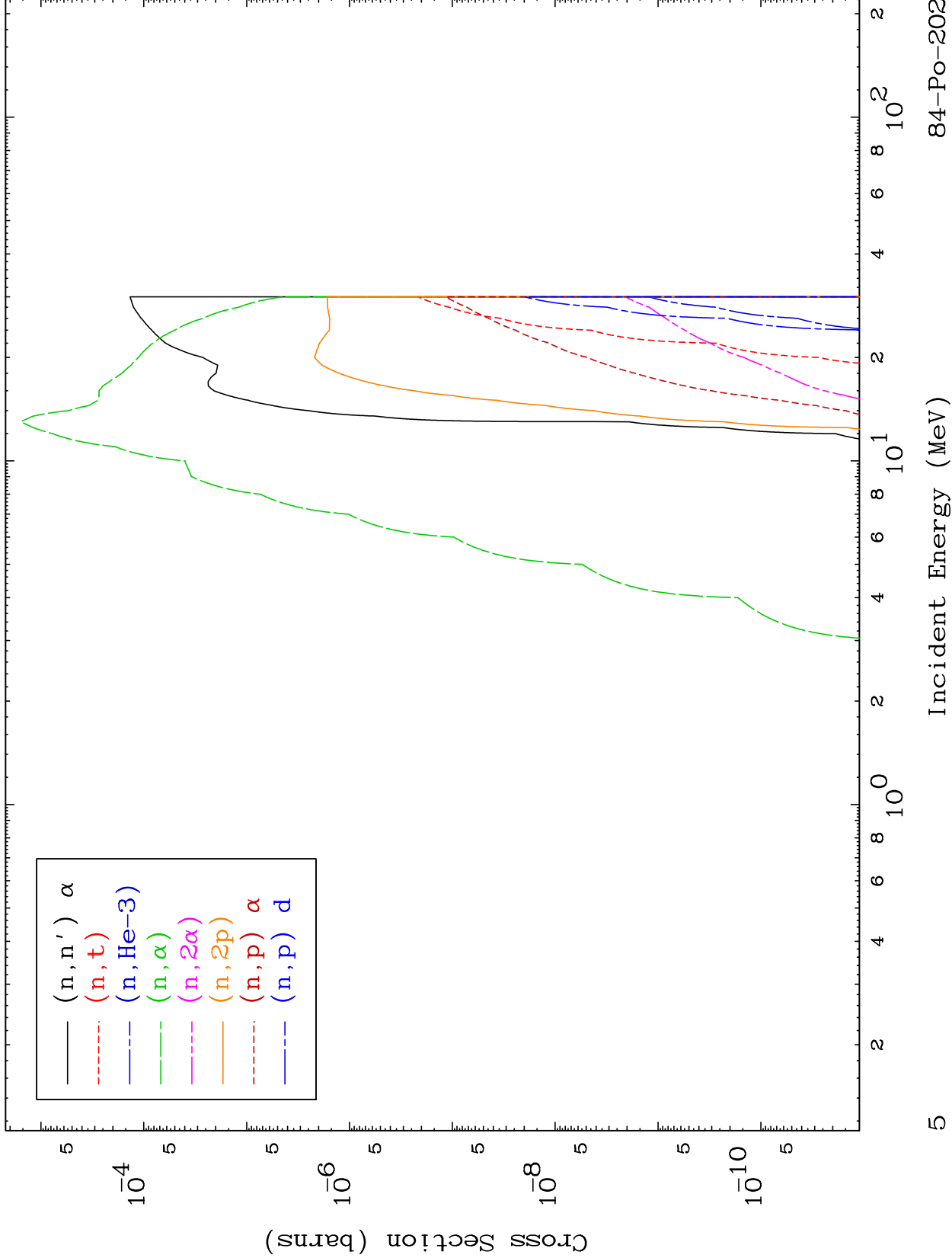
84-Po-202



84-Po-202

Incident Energy (MeV)

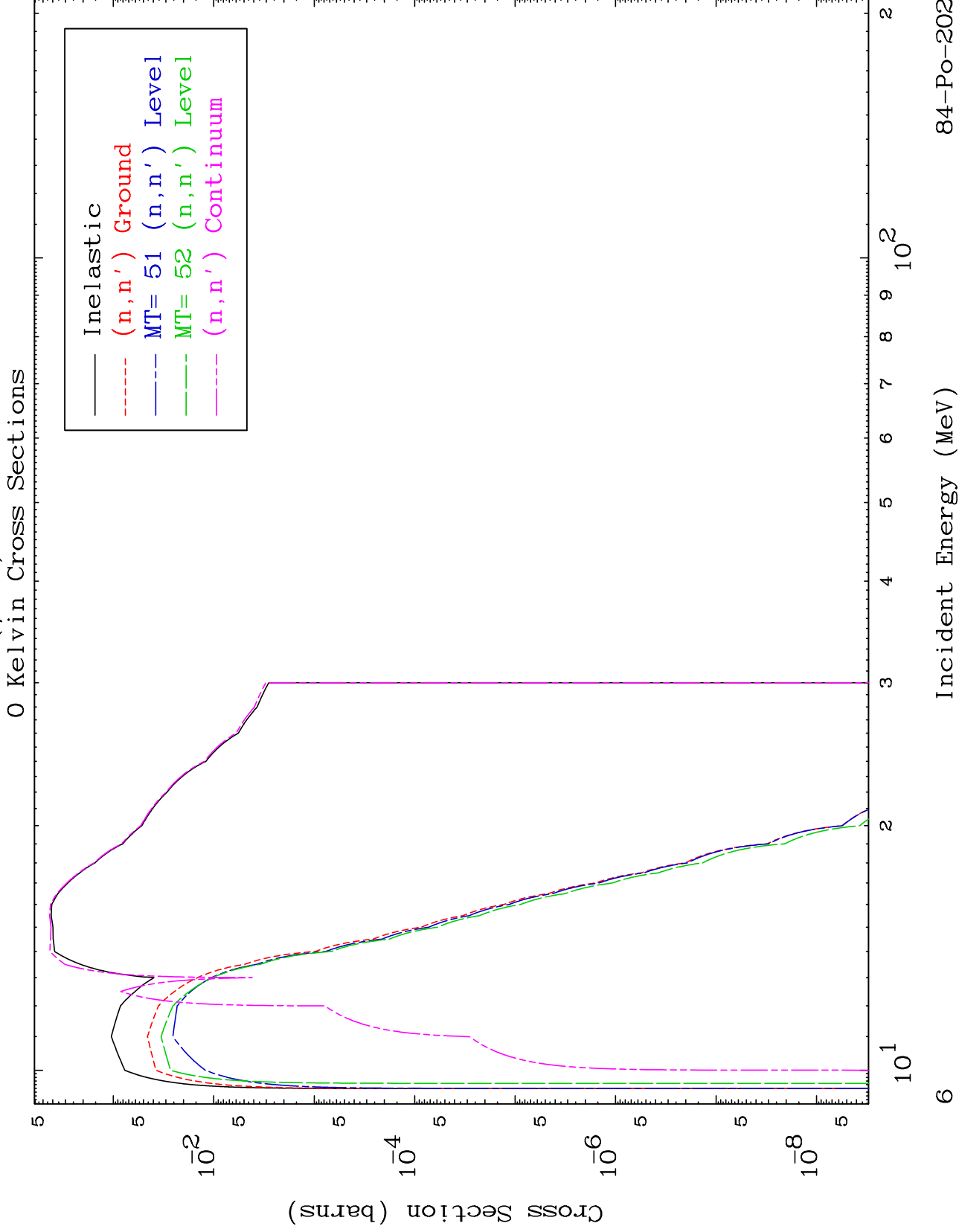
4



MAT 8413

( $\gamma, n'$ ) Levels

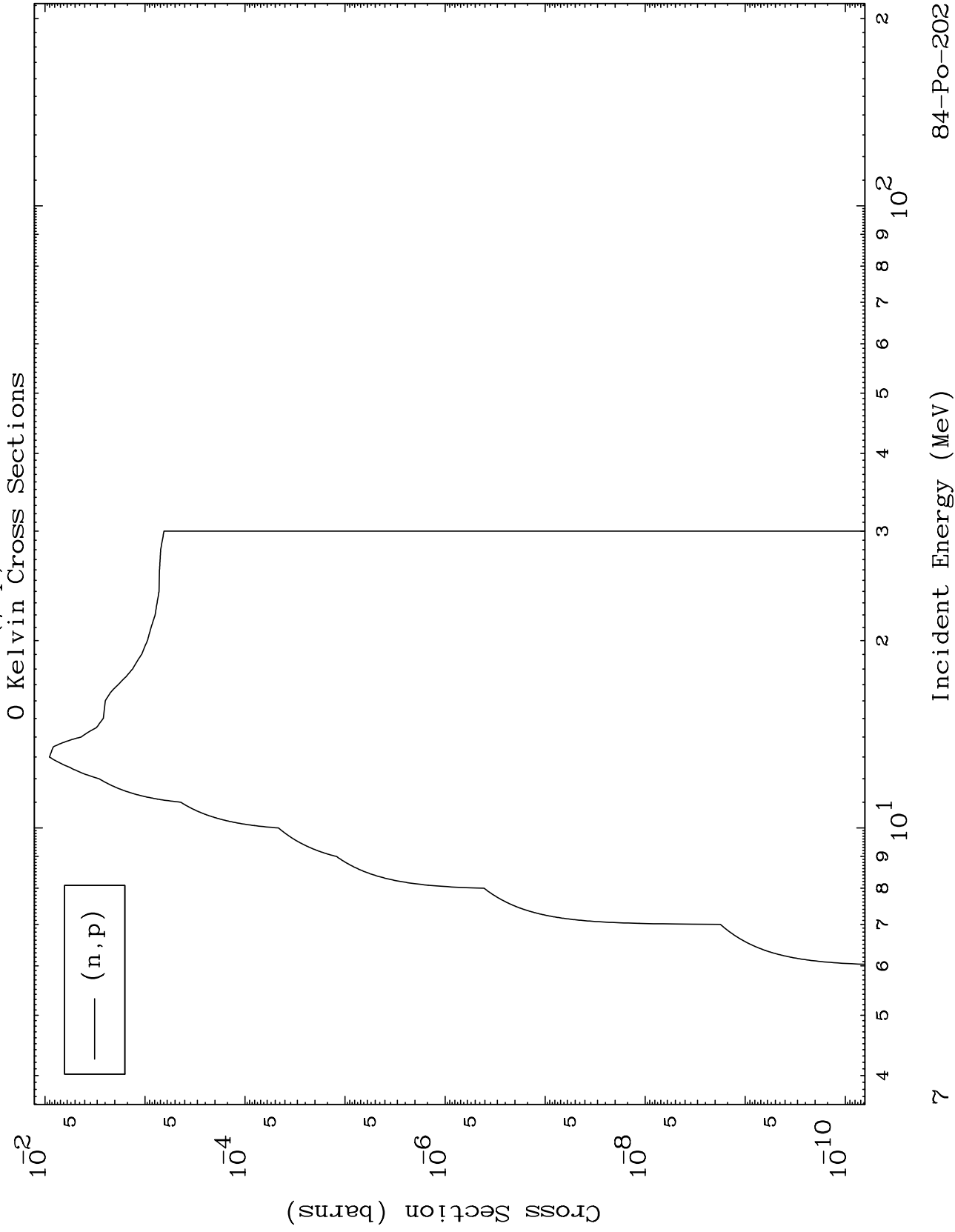
84-Po-202



MAT 8413

( $\gamma, p$ ) Levels

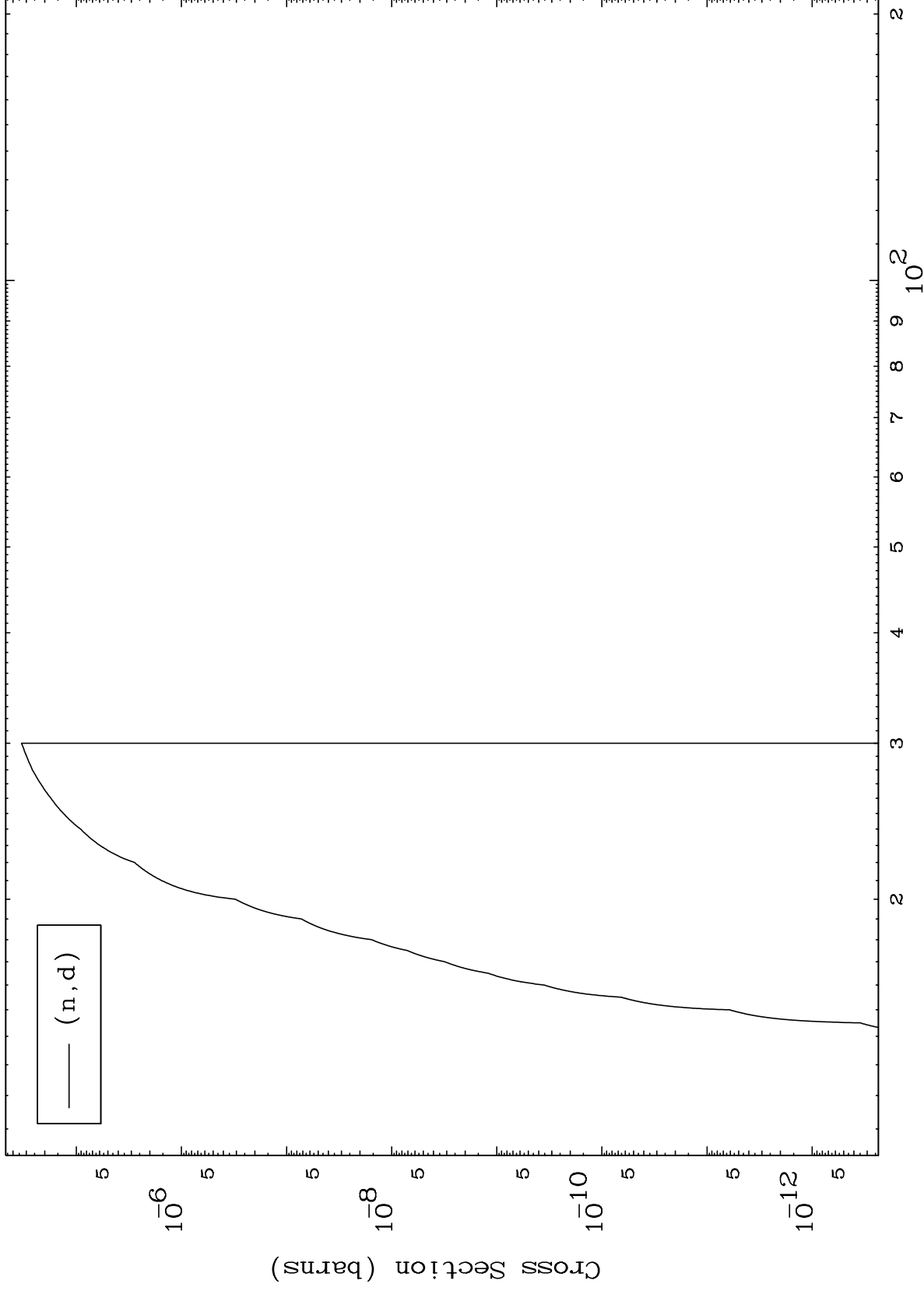
84-Po-202



MAT 8413

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

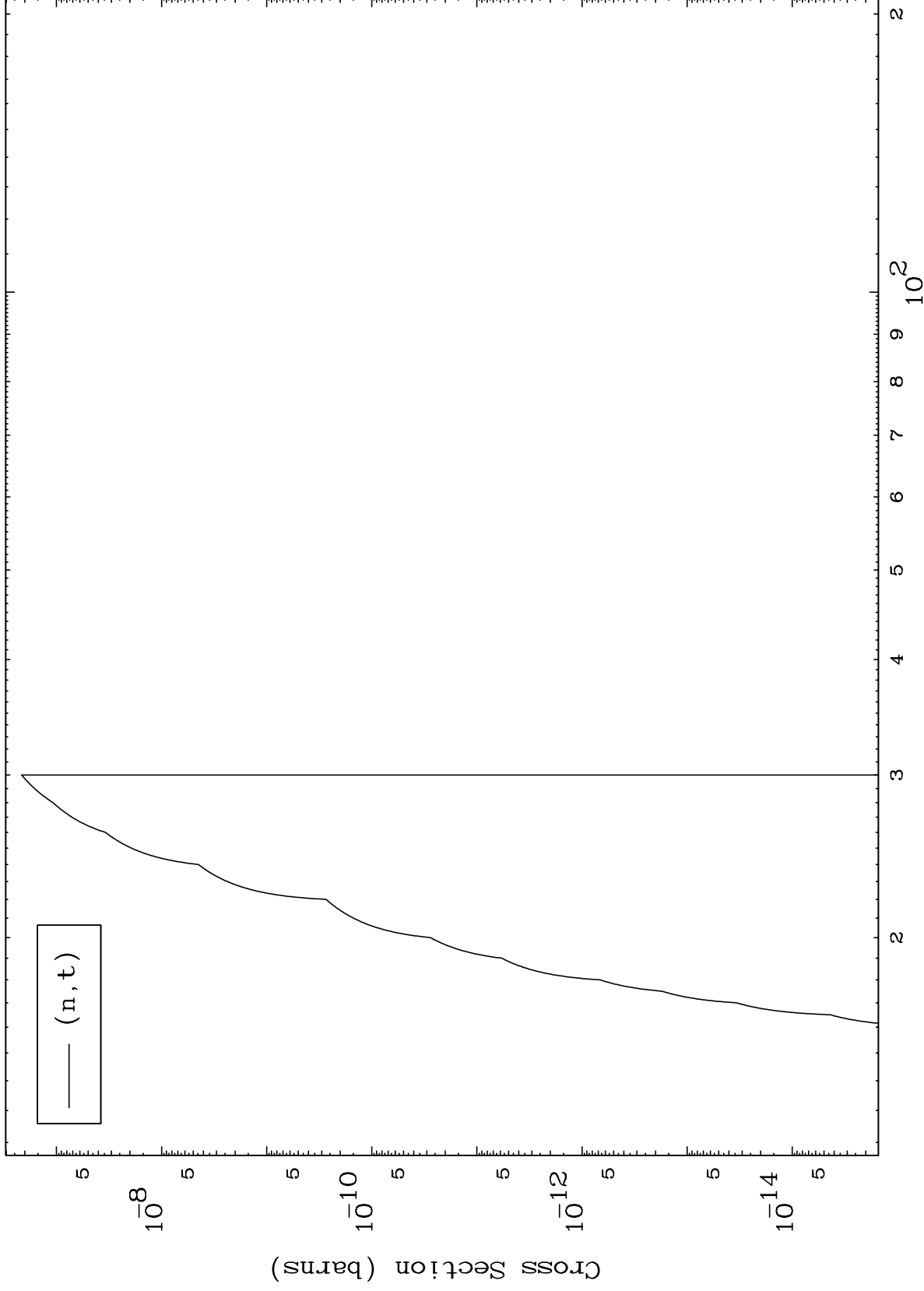
84-Po-202



8

Incident Energy (MeV)

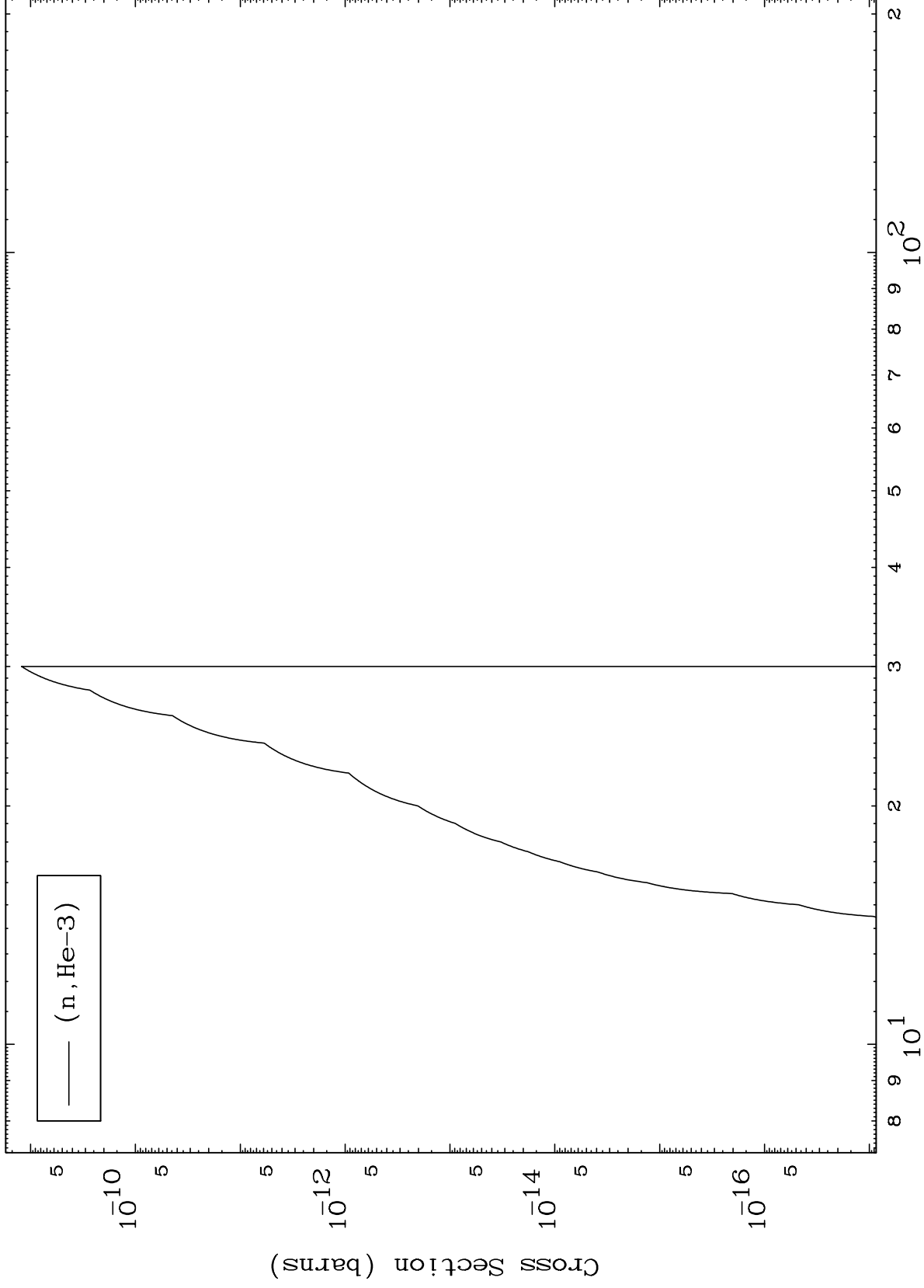
84-Po-202



MAT 8413

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

84-Po-202



10

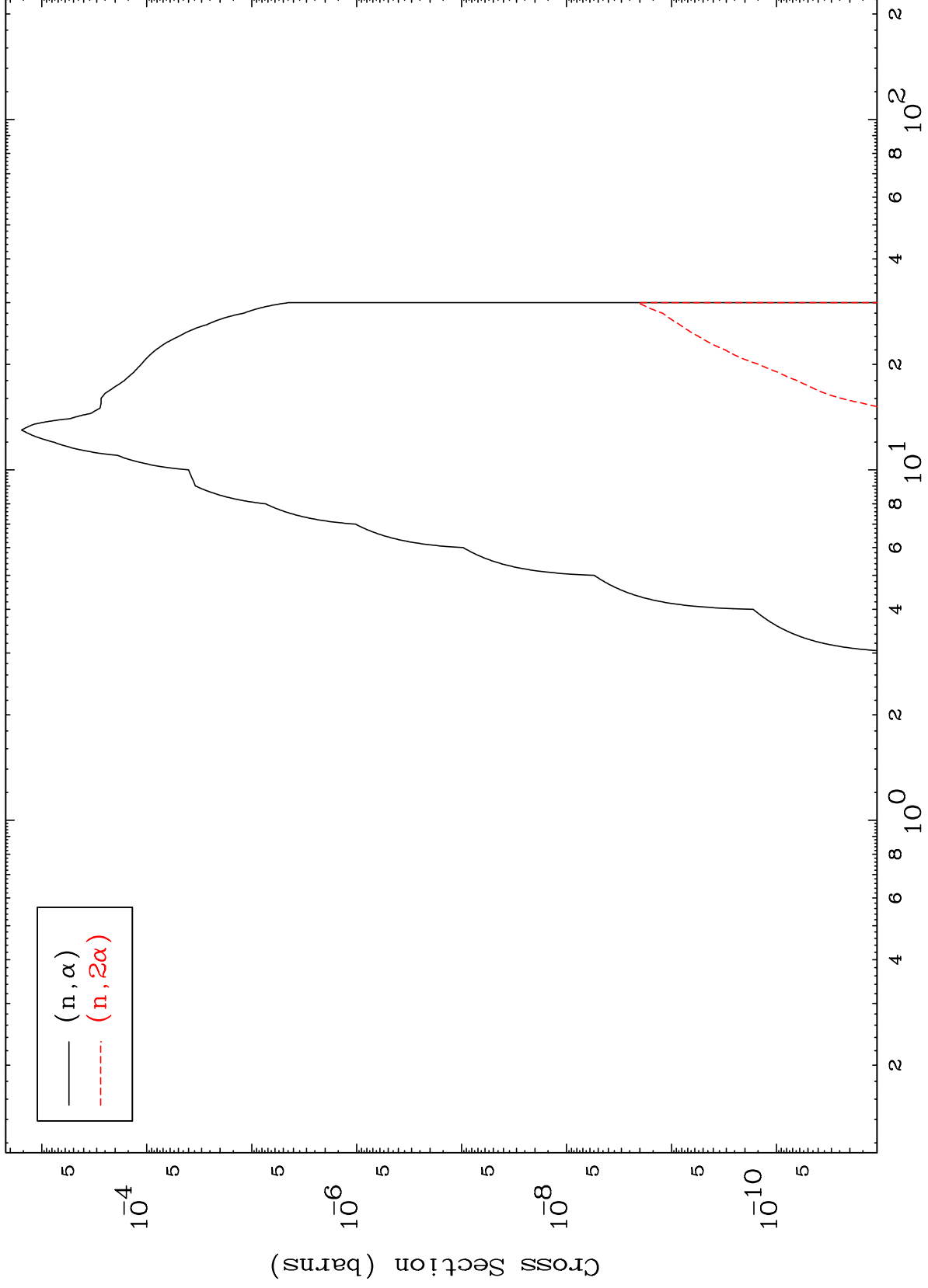
Incident Energy (MeV)

84-Po-202

MAT 8413

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

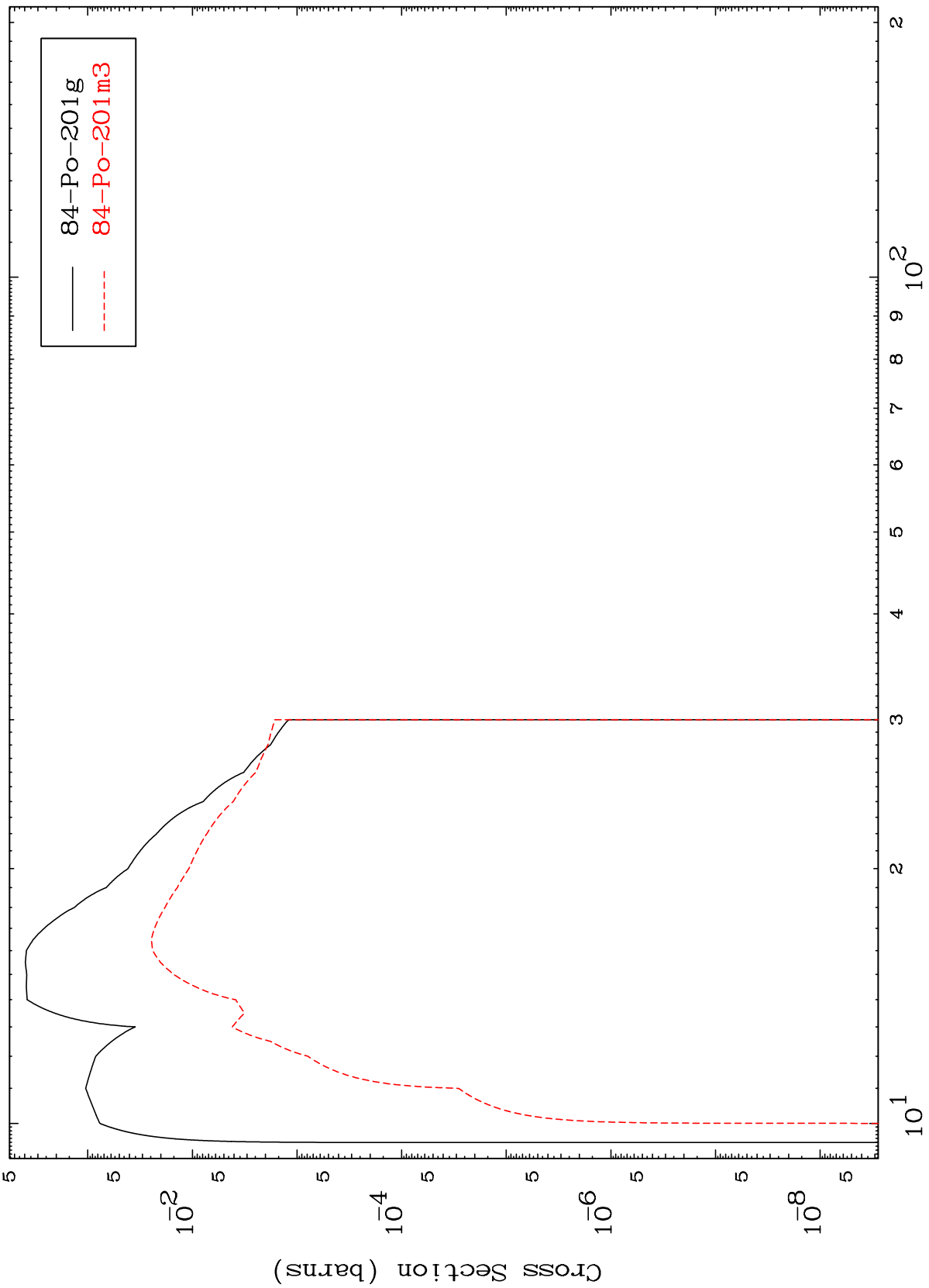
84-Po-202



MAT 8413

84-Po-202

Inelastic  
Radionuclide Production Cross Section



84-Po-202

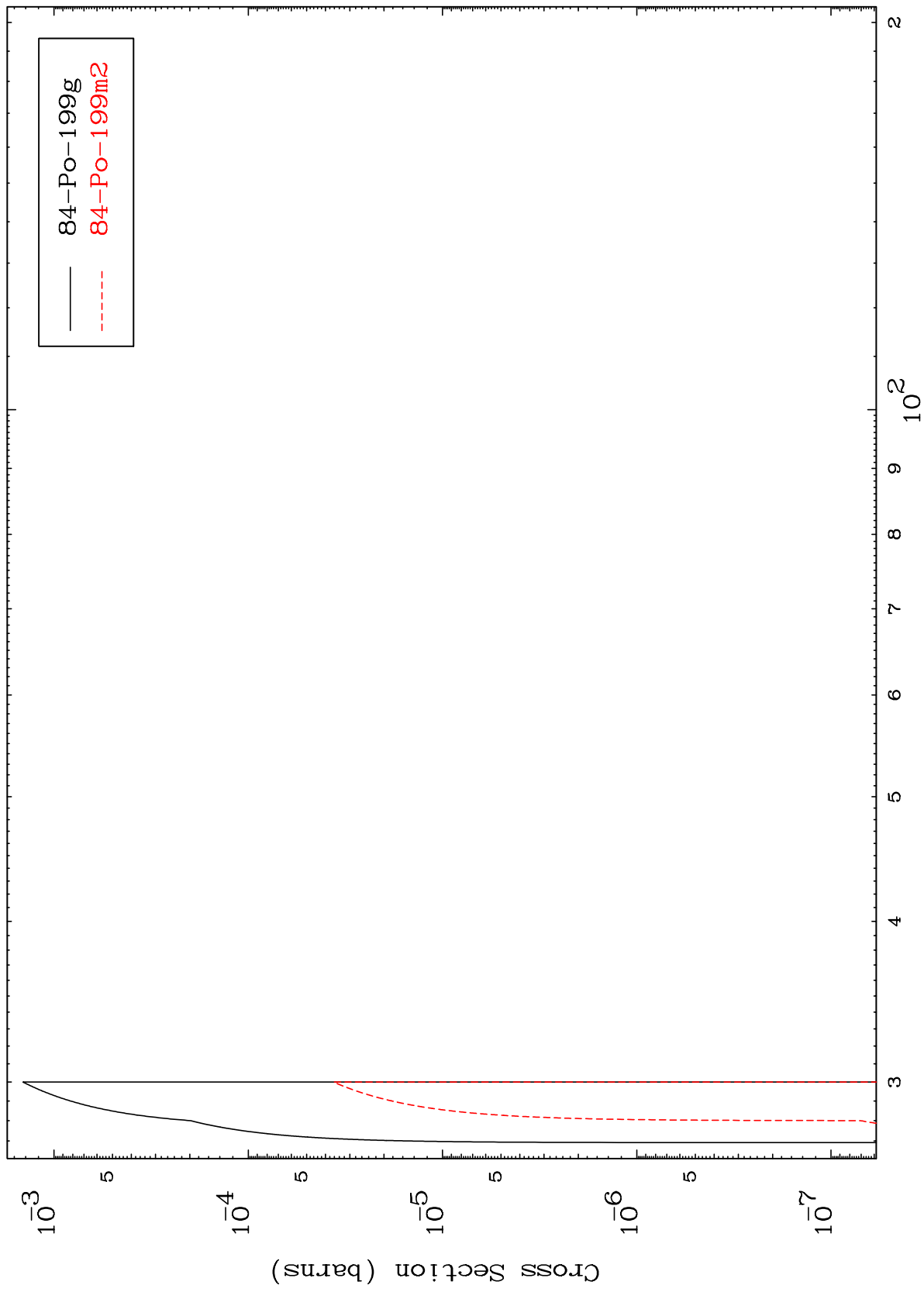
Incident Energy (MeV)

12

MAT 8413

84-Po-202

(n,3n)  
Radionuclide Production Cross Section



13

Incident Energy (MeV)

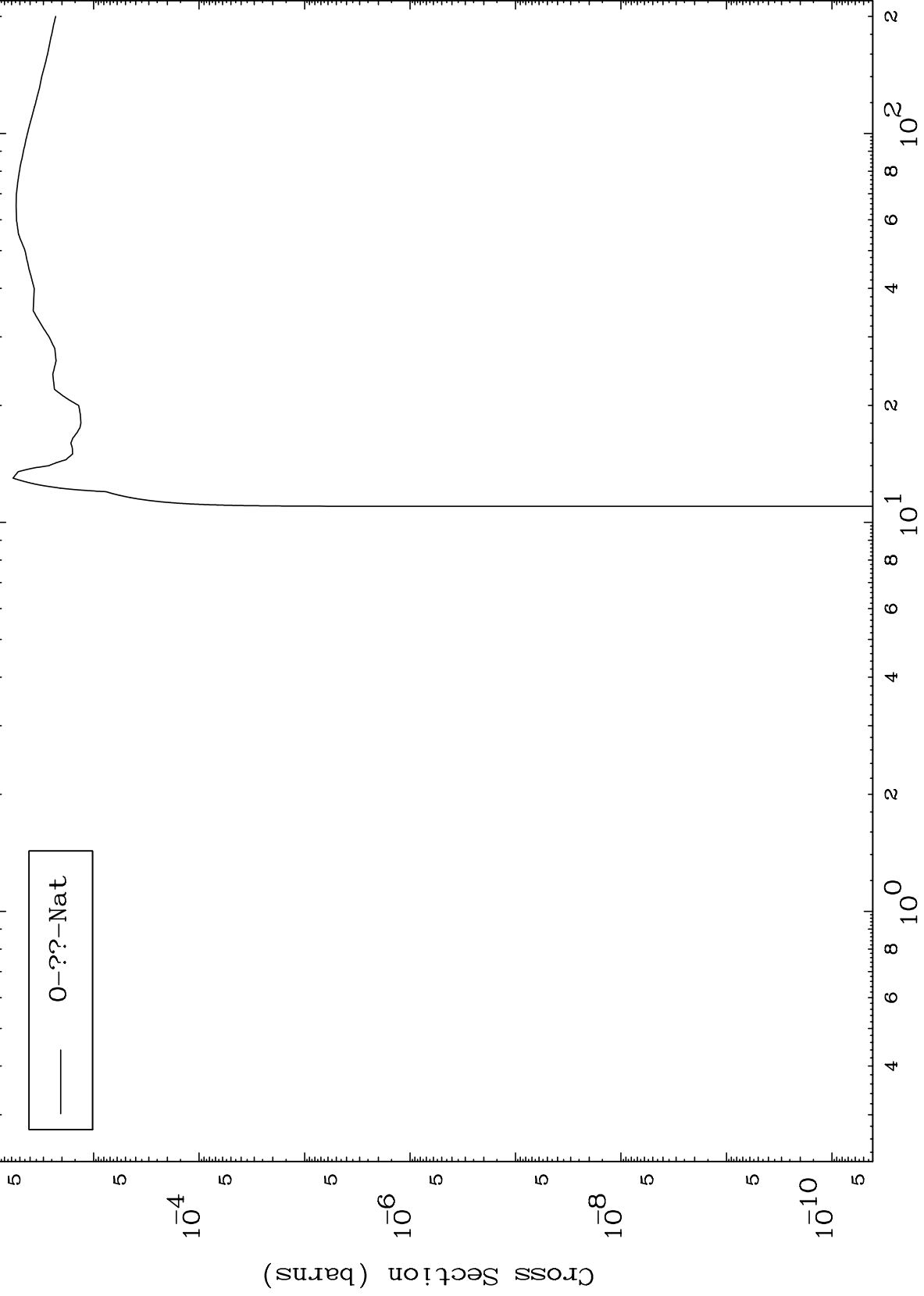
84-Po-202

MAT 8413

Fission

84-Po-202

Radionuclide Production Cross Section



14

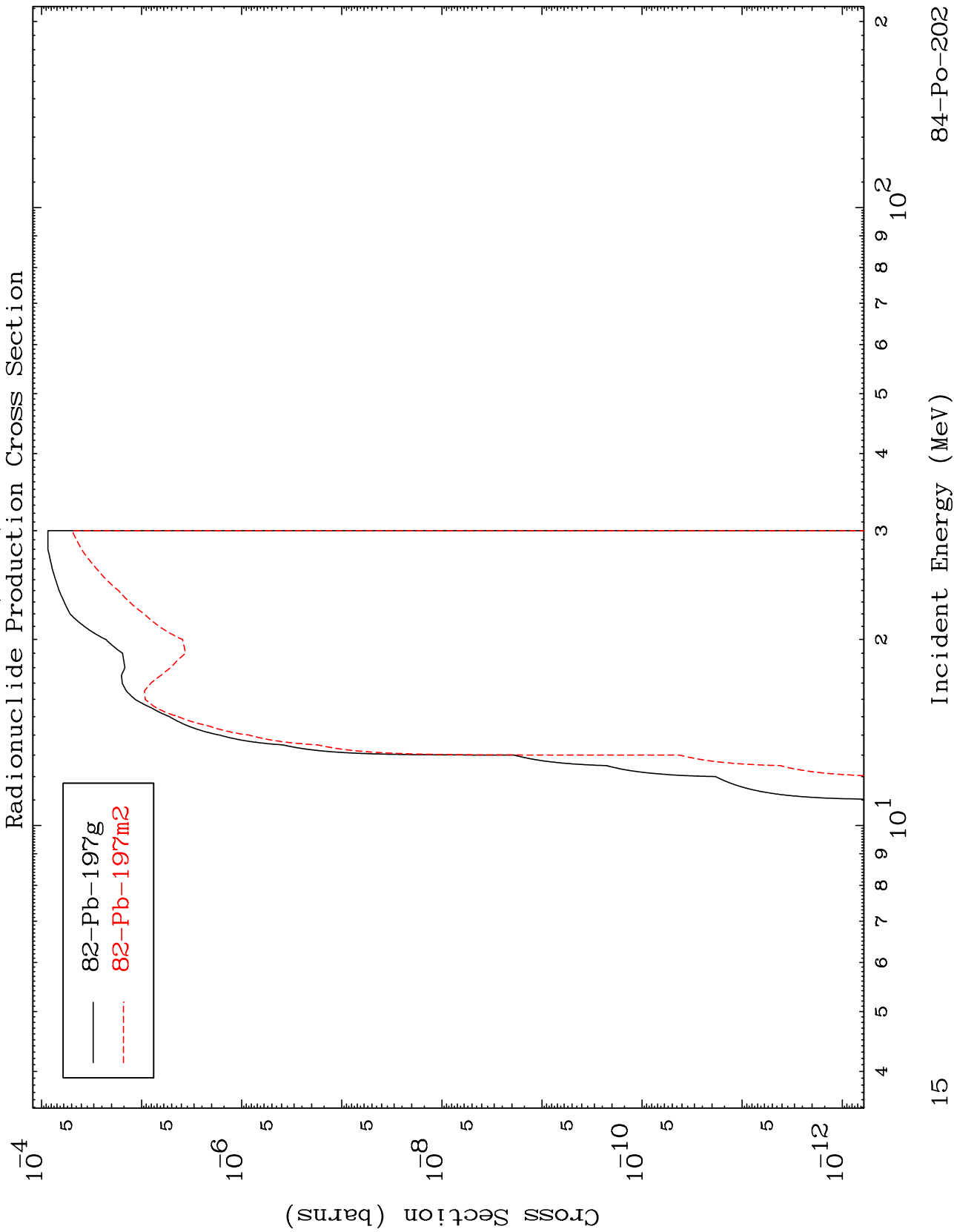
Incident Energy (MeV)

84-Po-202

MAT 8413

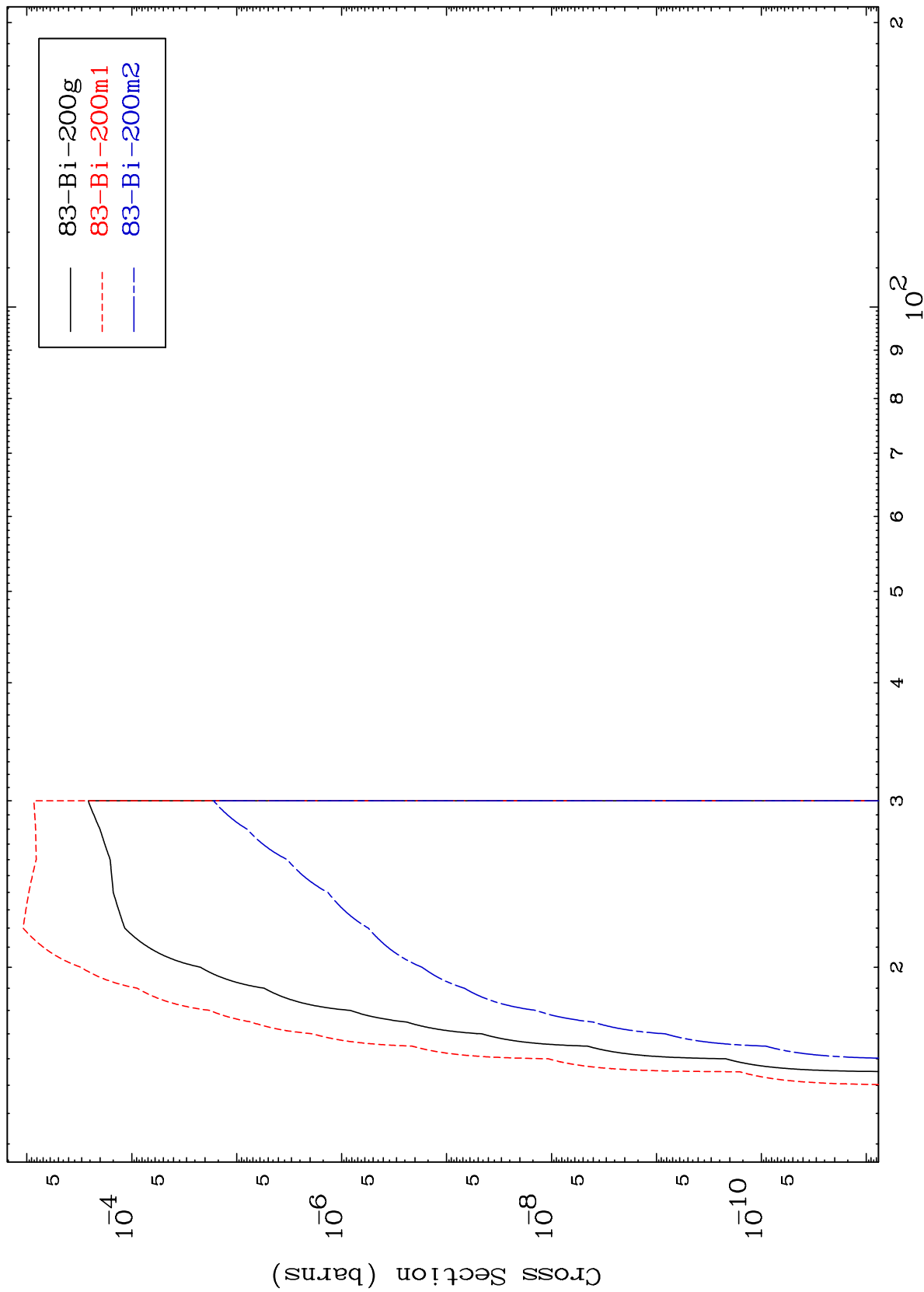
$(n, n') \alpha$

84-Po-202



15

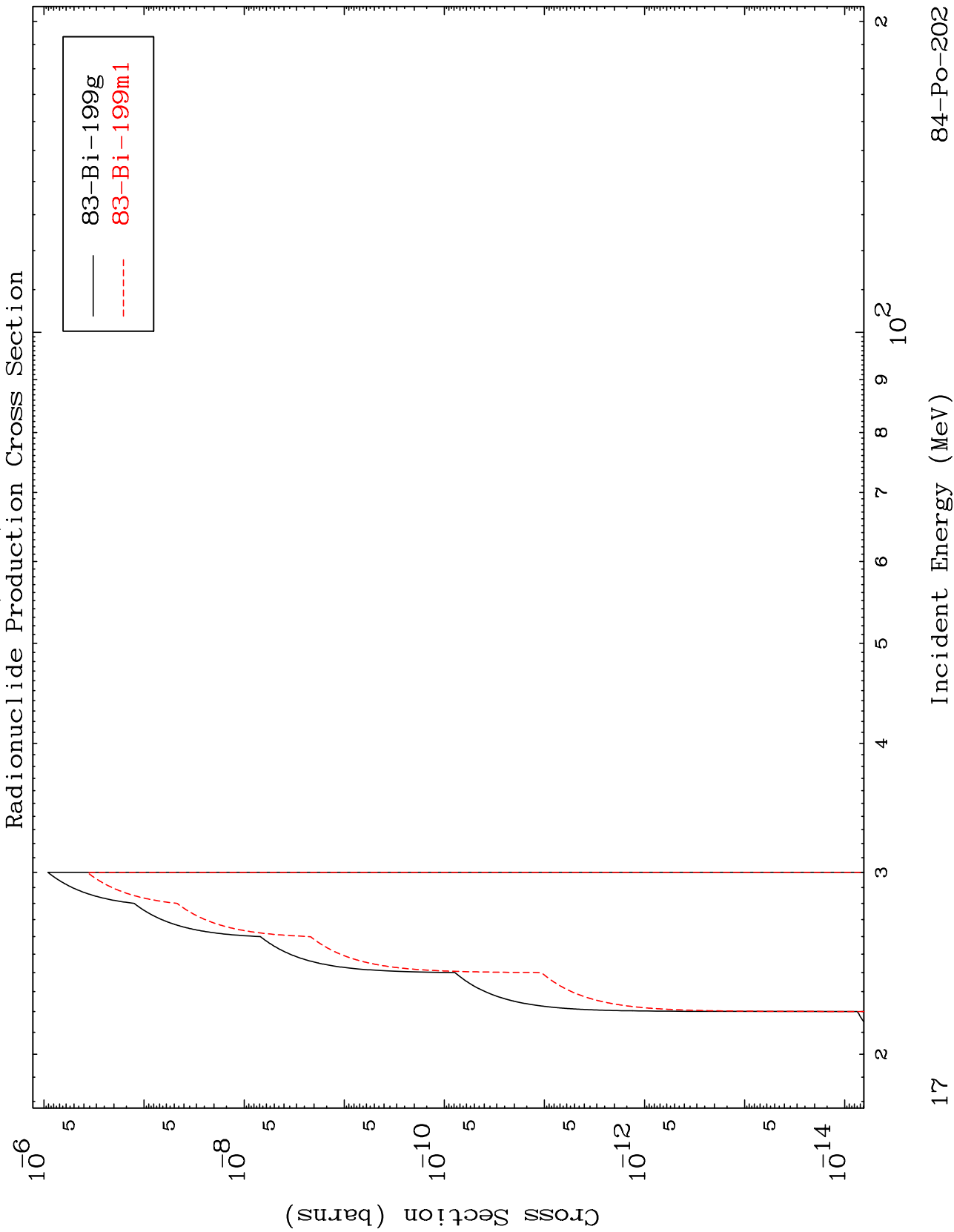
Radionuclide Production Cross Section



MAT 8413

(n,n') d

84-Po-202

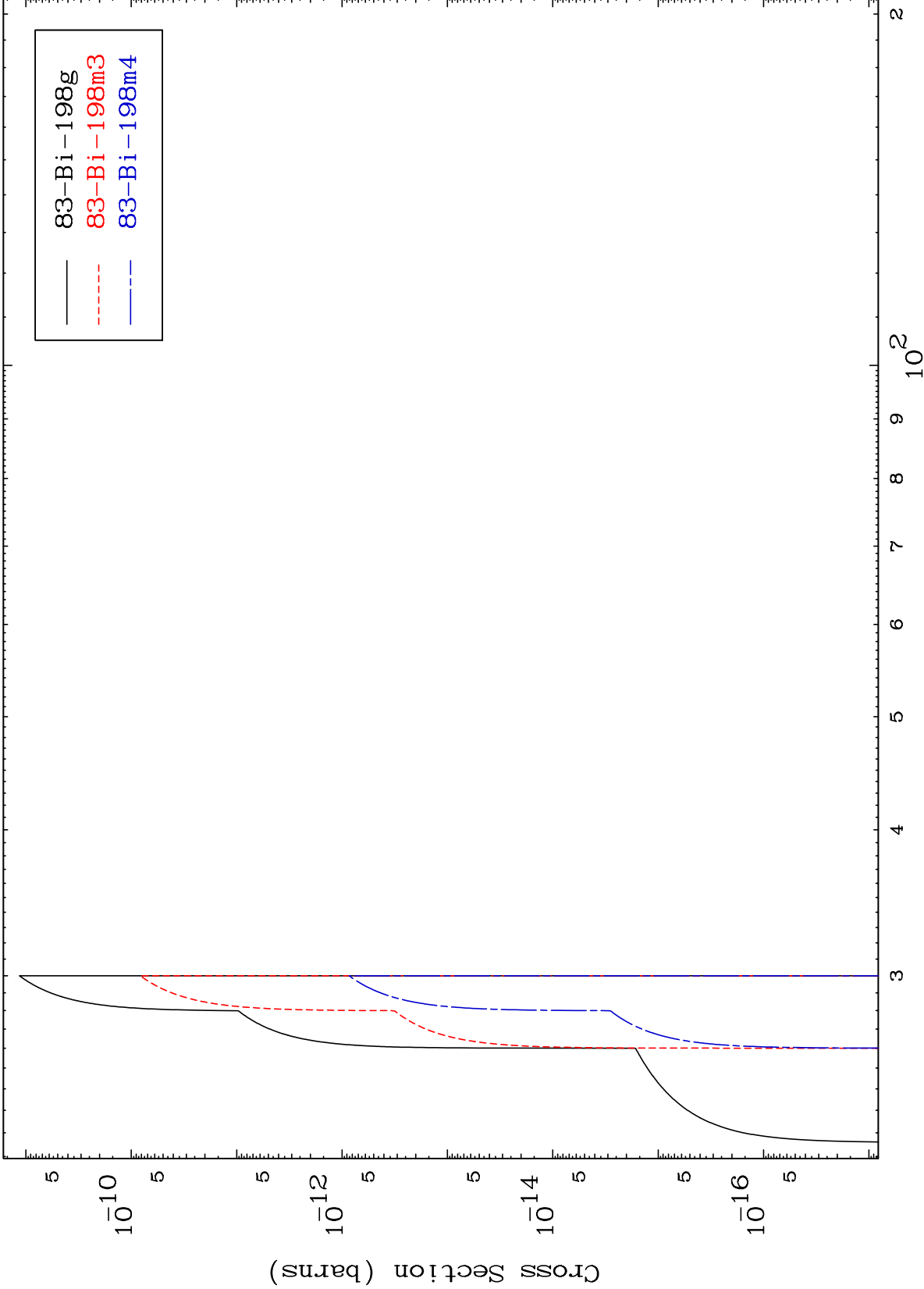


17

Incident Energy (MeV)

84-Po-202

Radionuclide Production Cross Section

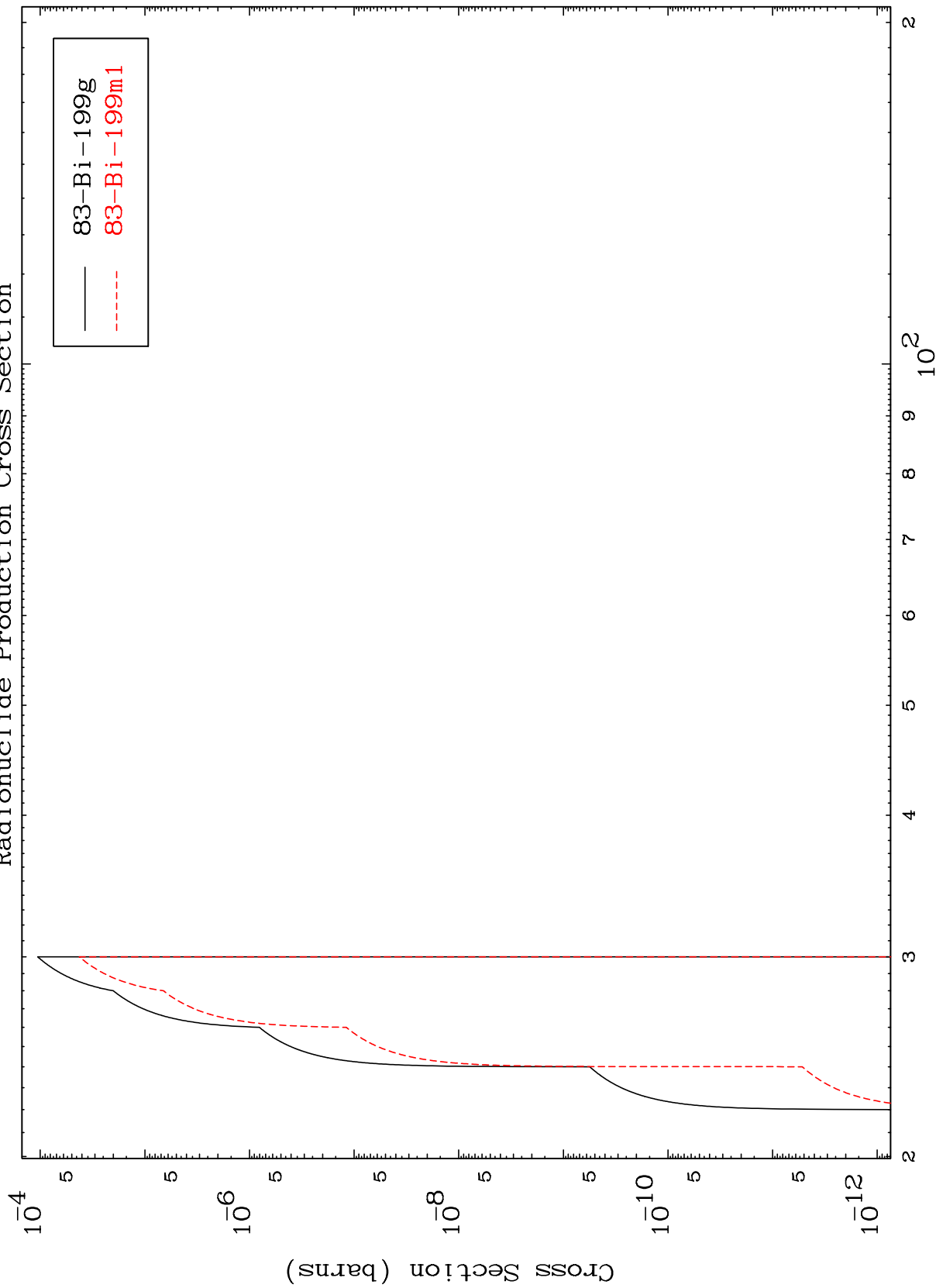


MAT 8413

(n,2n) p

84-Po-202

Radionuclide Production Cross Section



19

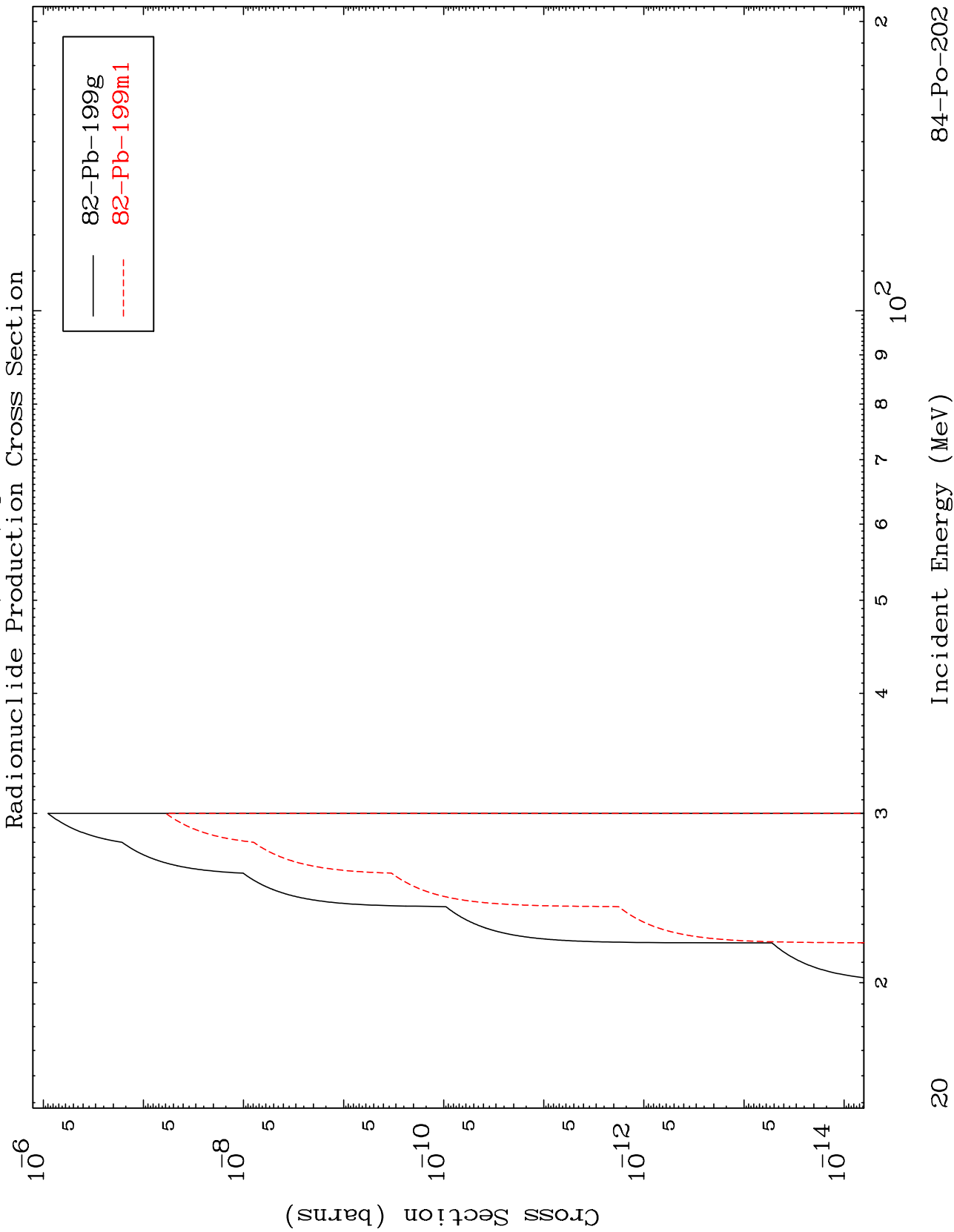
Incident Energy (MeV)

84-Po-202

MAT 8413

(n,2n) p

84-Po-202



20

Incident Energy (MeV)

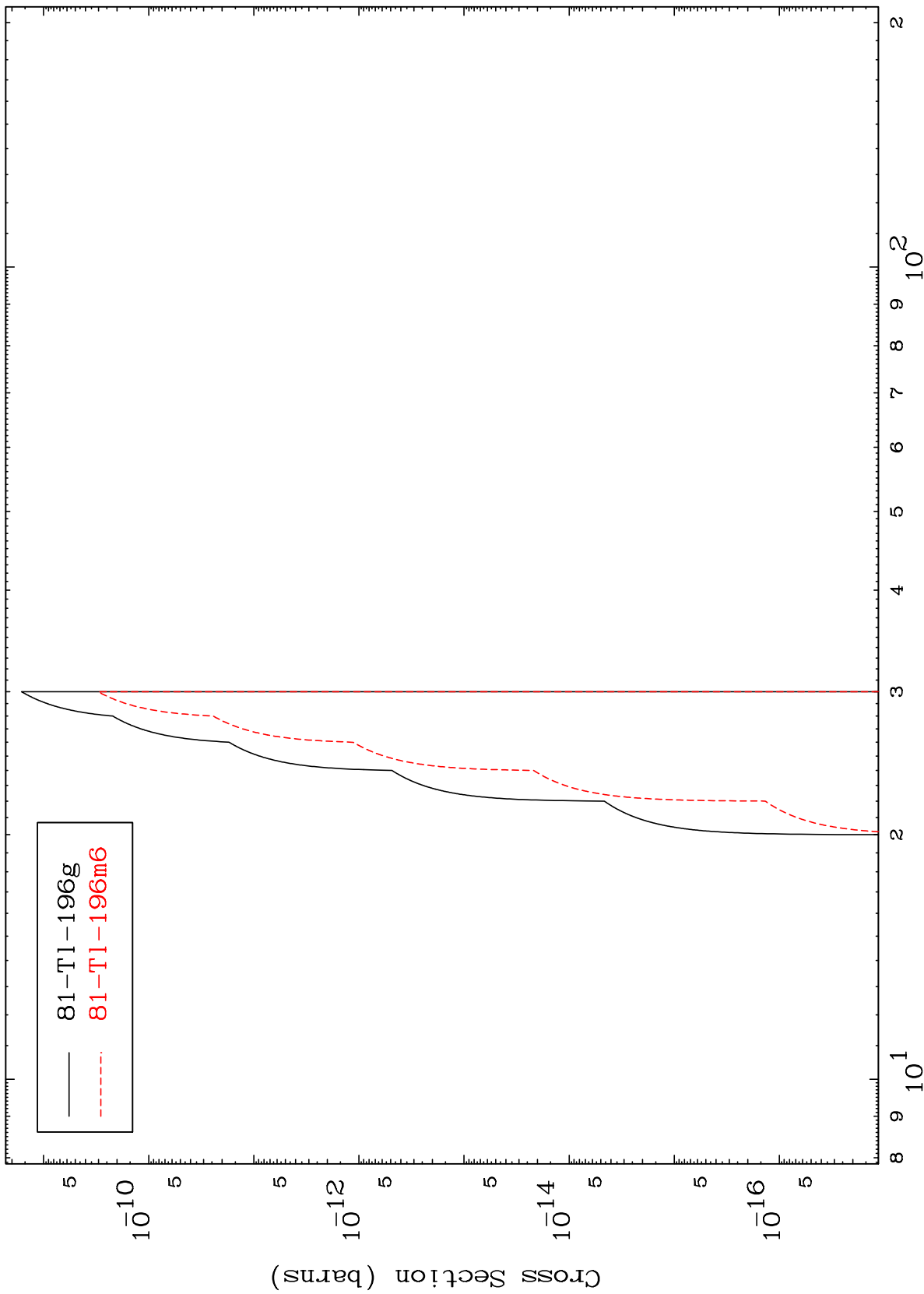
84-Po-202

MAT 8413

(n,n') p  $\alpha$

84-Po-202

Radionuclide Production Cross Section



21

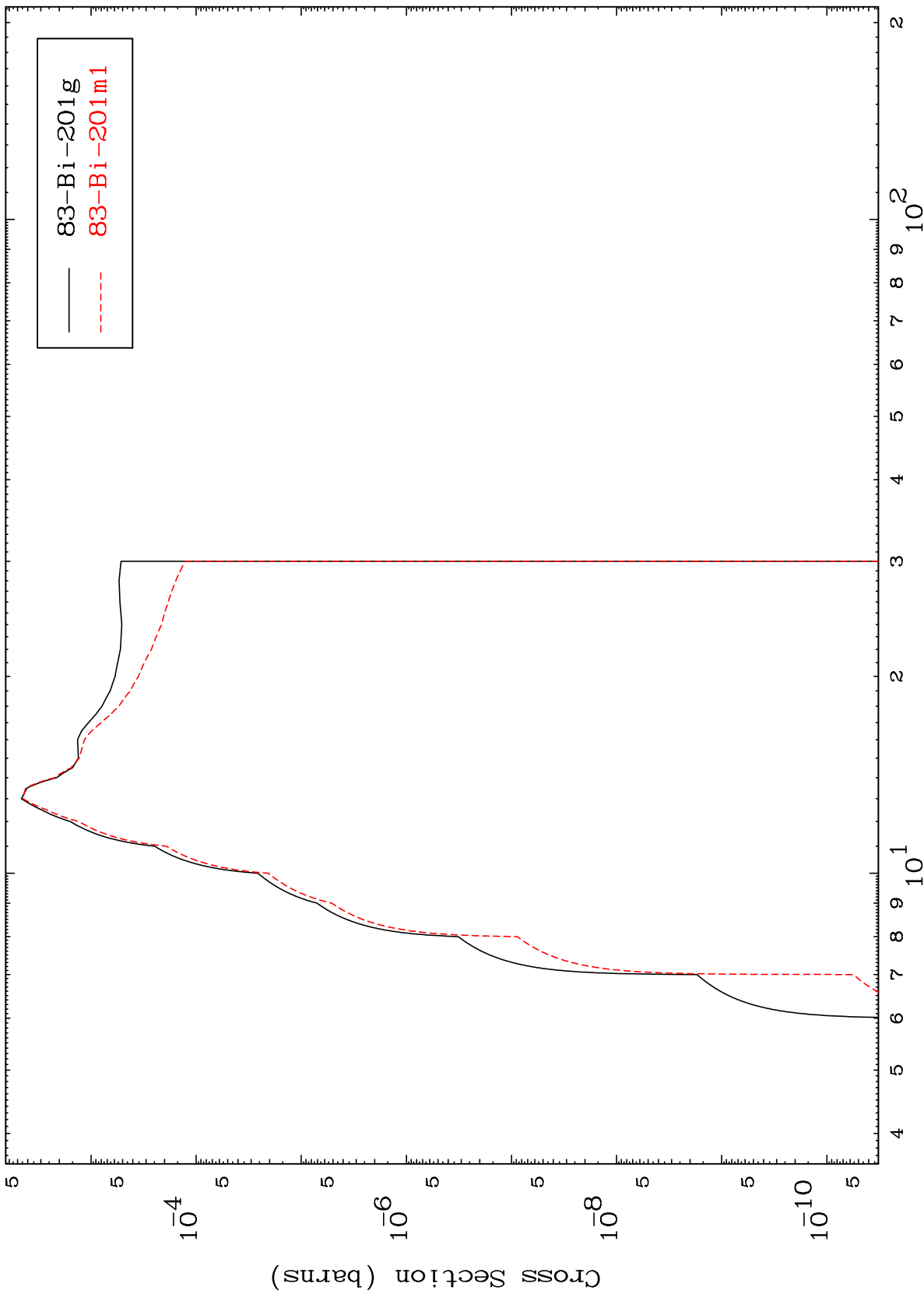
Incident Energy (MeV)

84-Po-202

MAT 8413

84-Po-202

(n,p)  
Radionuclide Production Cross Section

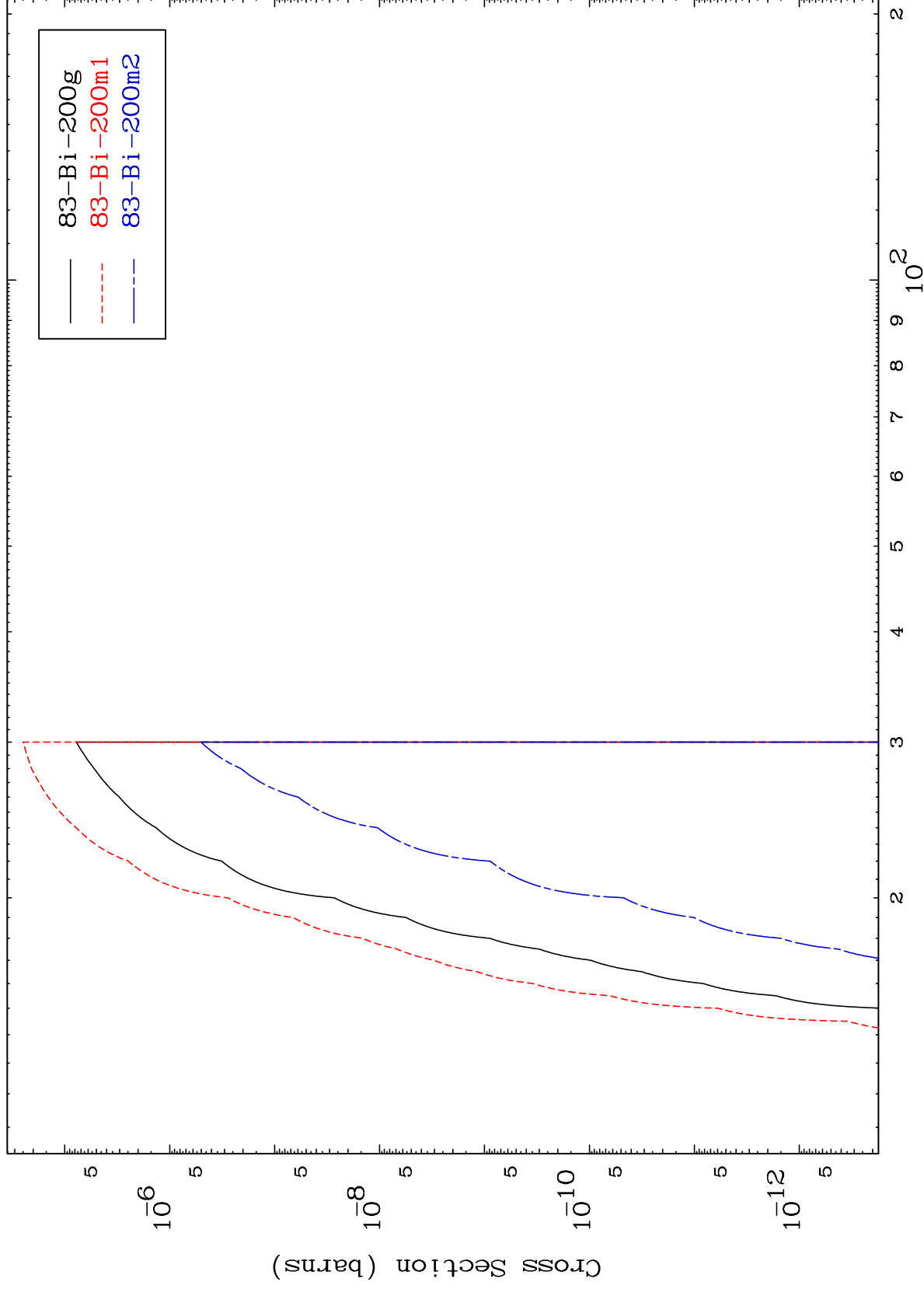


22

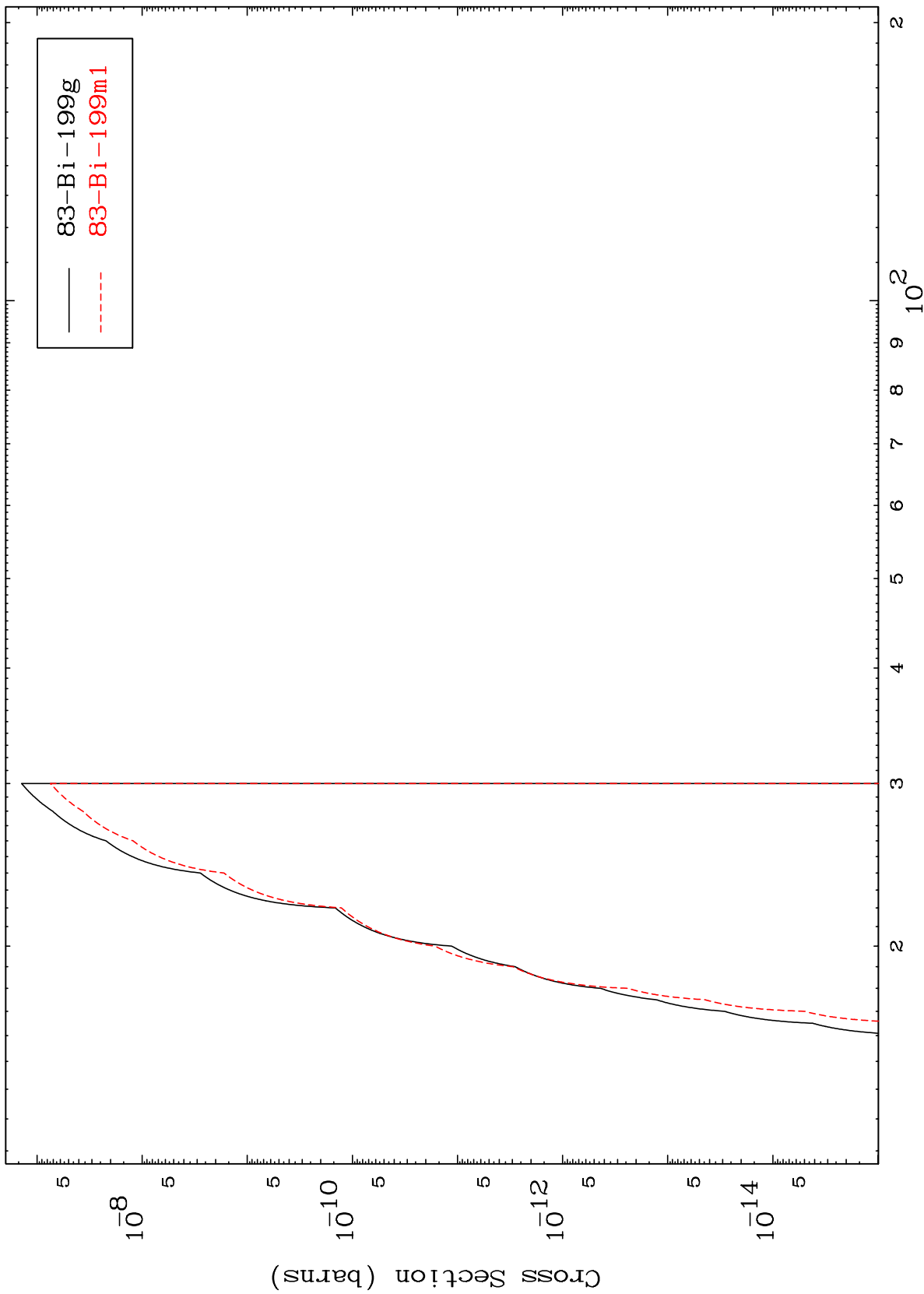
Incident Energy (MeV)

84-Po-202

Radionuclide Production Cross Section



(n,t)  
Radionuclide Production Cross Section

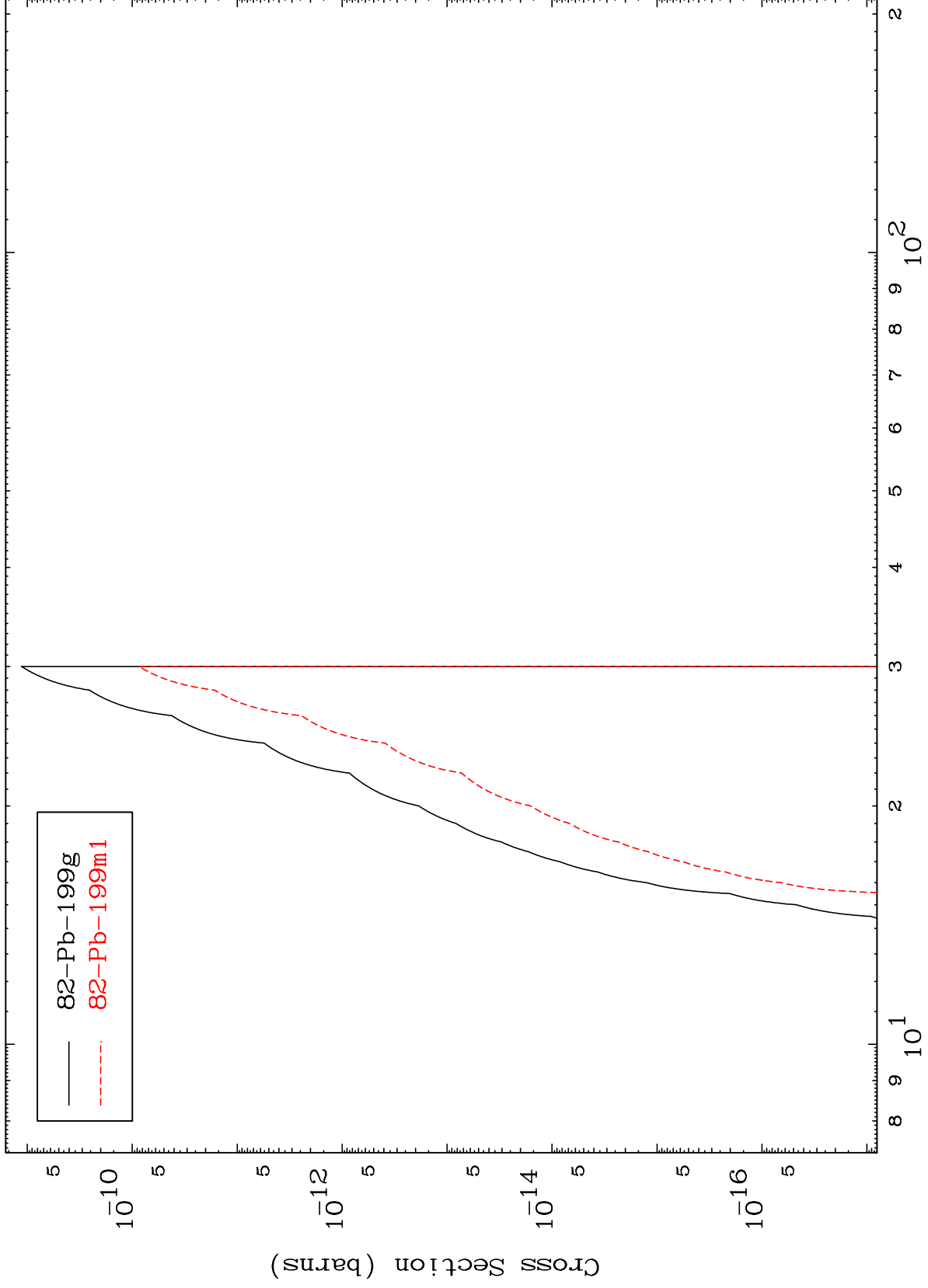


MAT 8413

(n,He-3)

84-Po-202

Radionuclide Production Cross Section



25

Incident Energy (MeV)

84-Po-202

MAT 8413

(n,p)  $\alpha$

84-Po-202

