

Program EVALPLOT  
(Version 2021-1)

by

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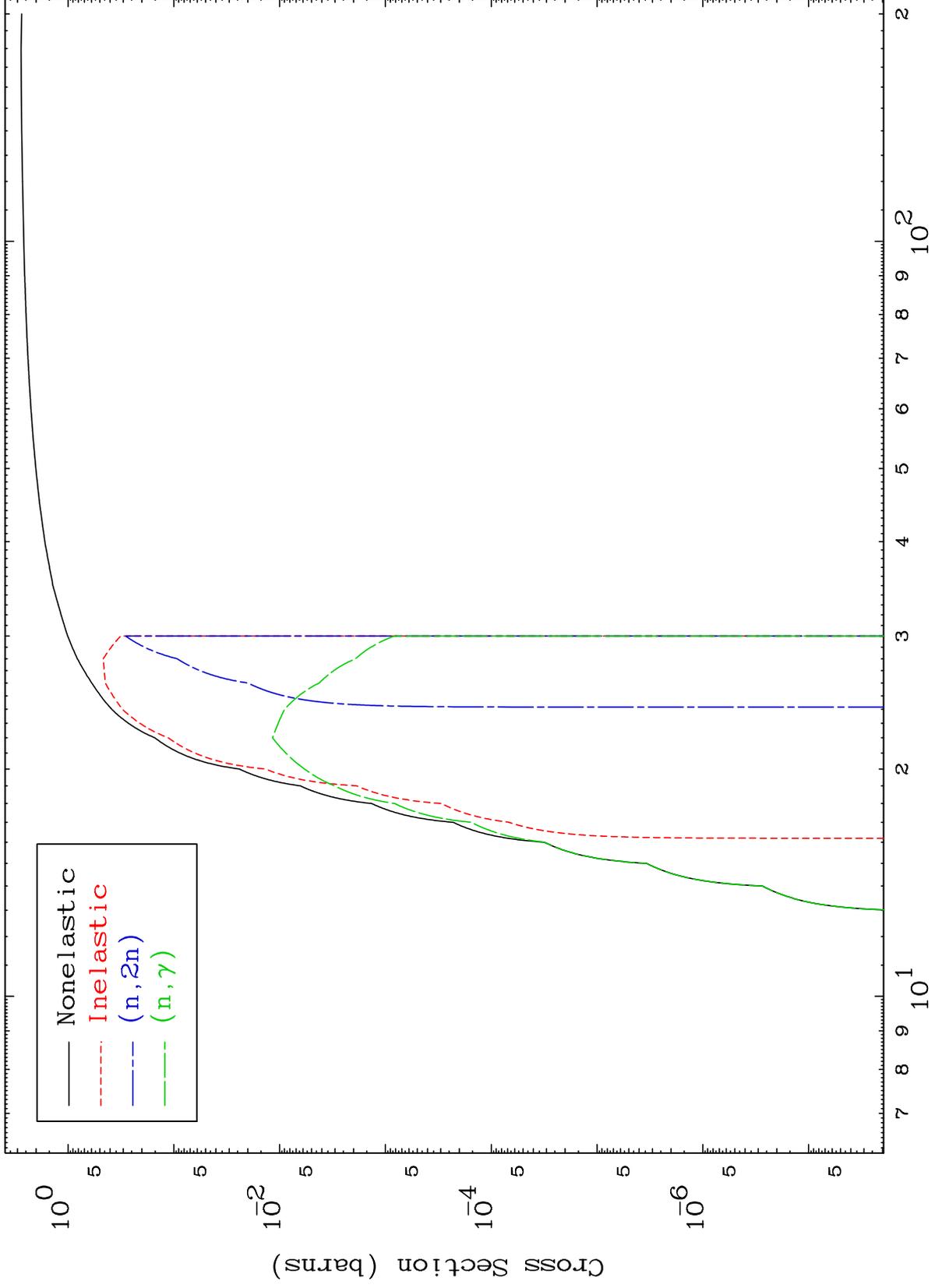
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8413

0 Kelvin  
 $\alpha$  Major Cross Sections

84-Po-202



1

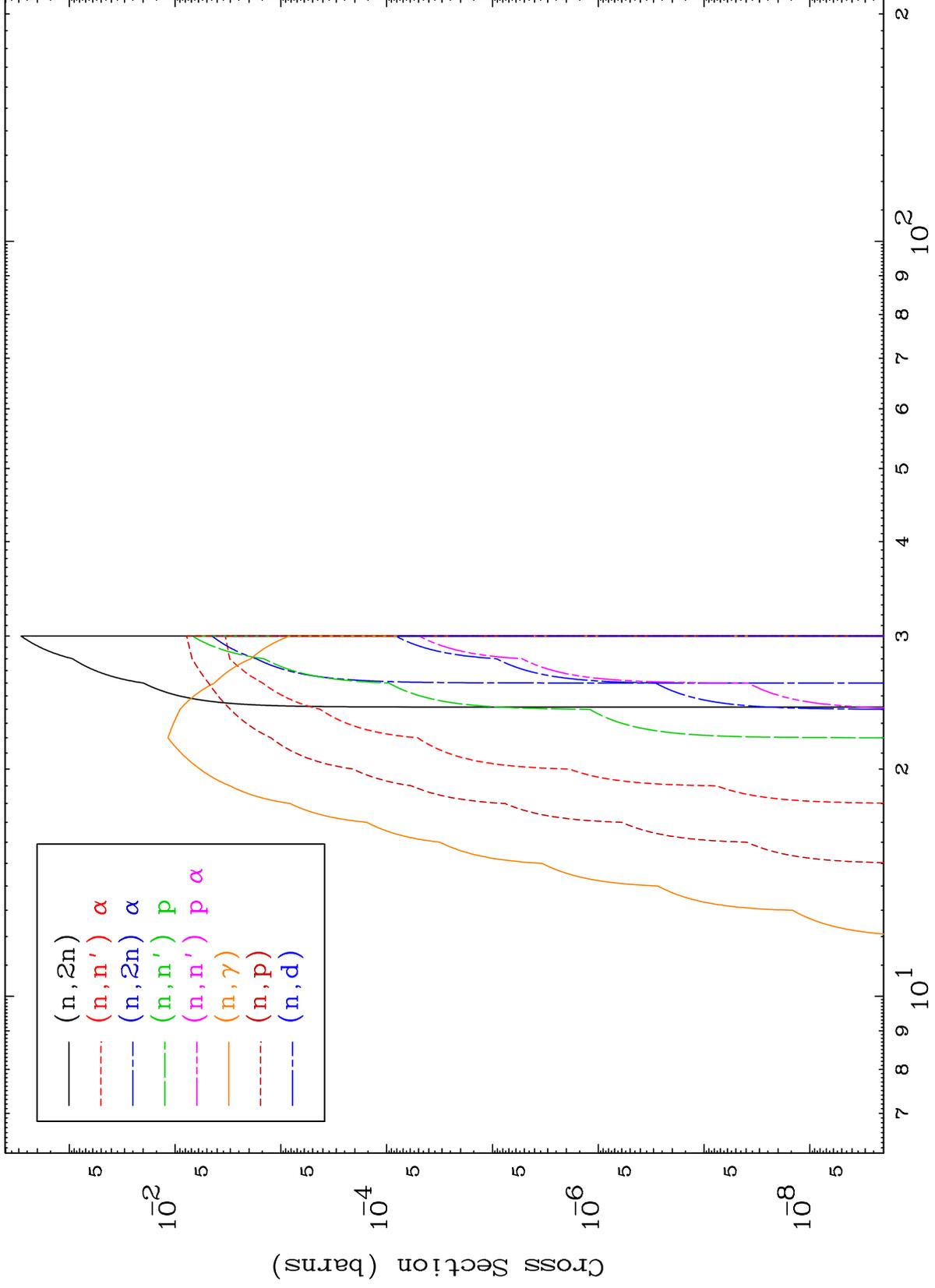
Incident Energy (MeV)

84-Po-202

MAT 8413

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

84-Po-202



2

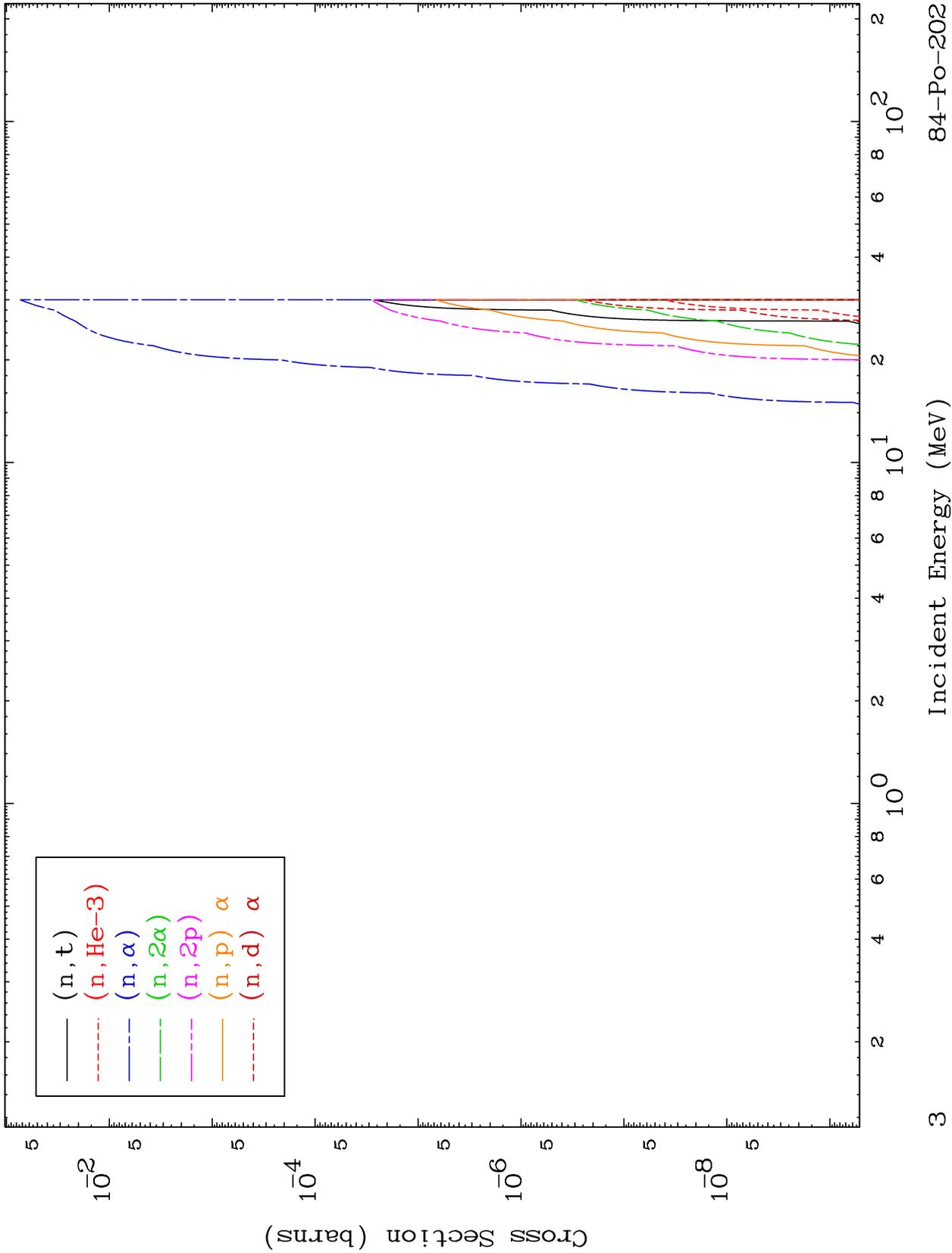
Incident Energy (MeV)

84-Po-202

MAT 8413

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

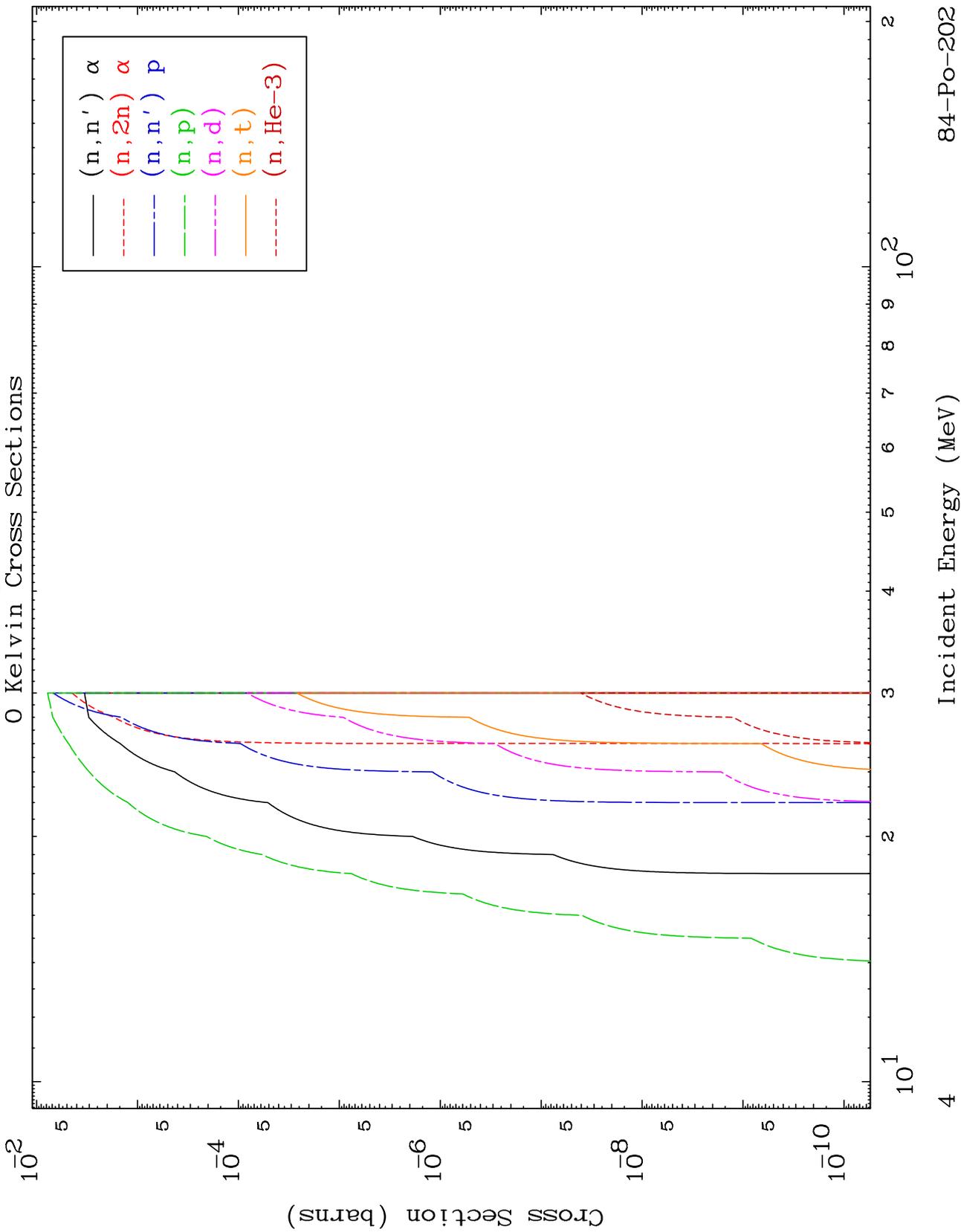
84-Po-202



MAT 8413

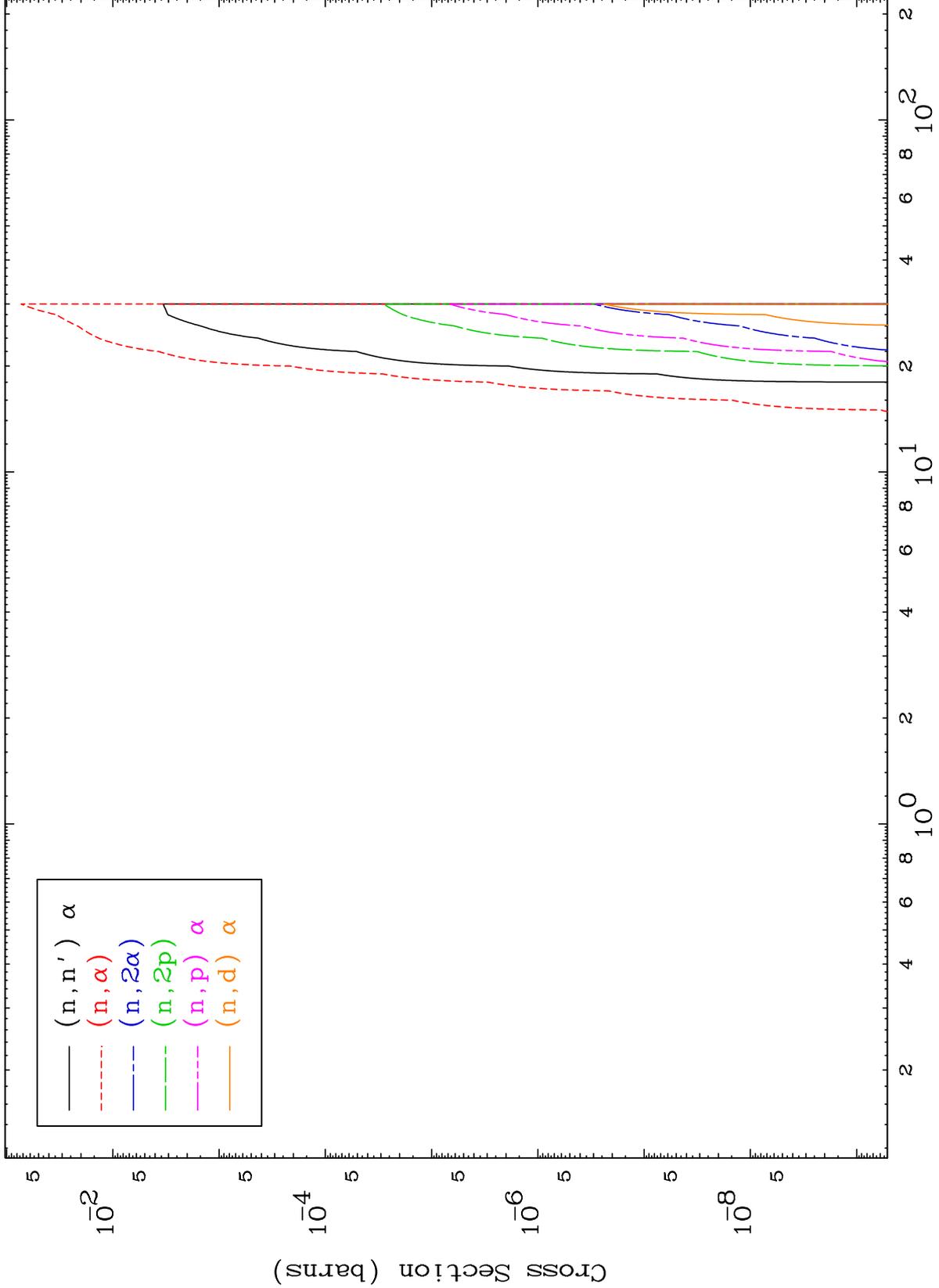
$\alpha$  Charged Particle  
0 Kelvin Cross Sections

84-Po-202



Incident Energy (MeV)

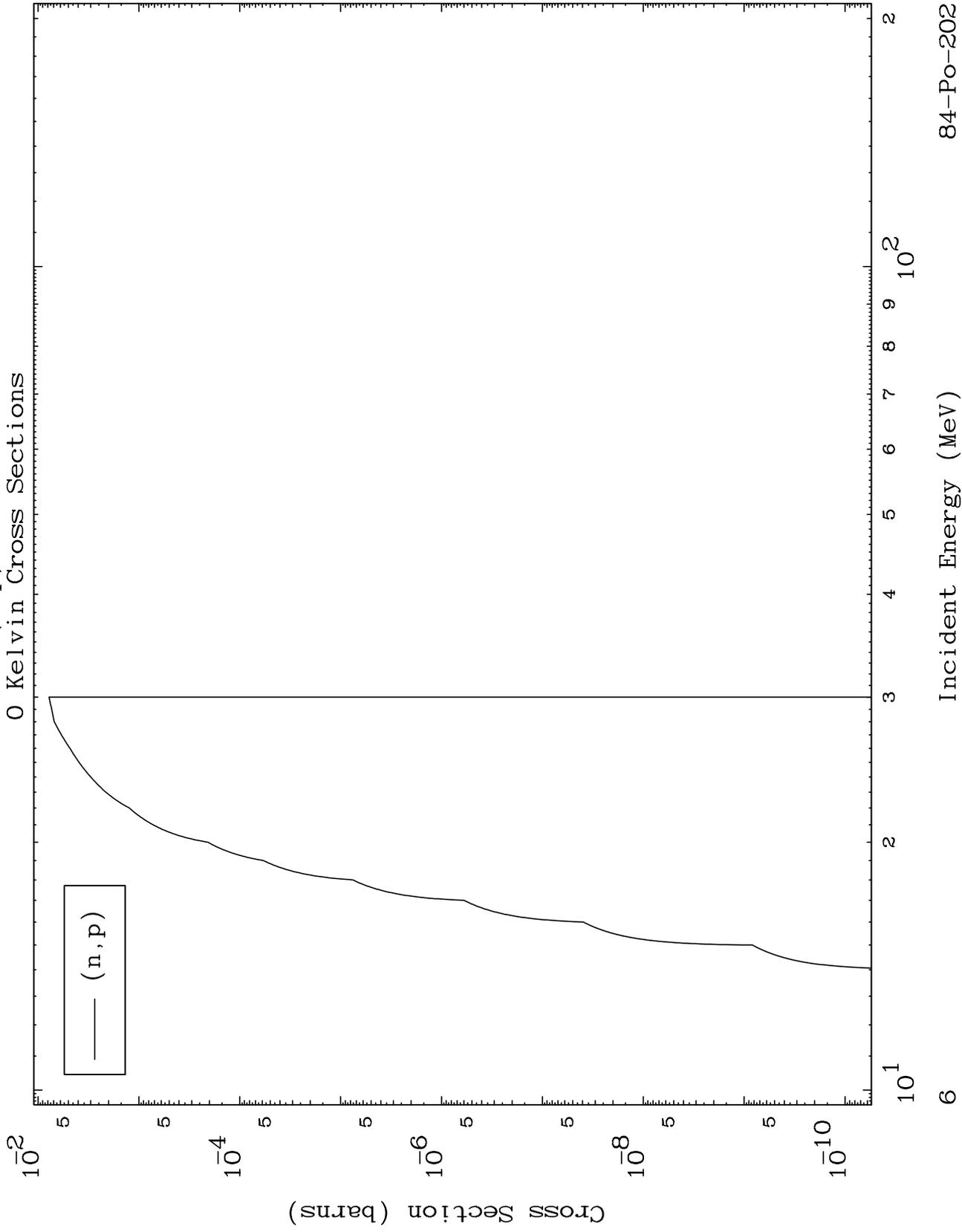
84-Po-202



MAT 8413

( $\alpha, p$ ) Levels

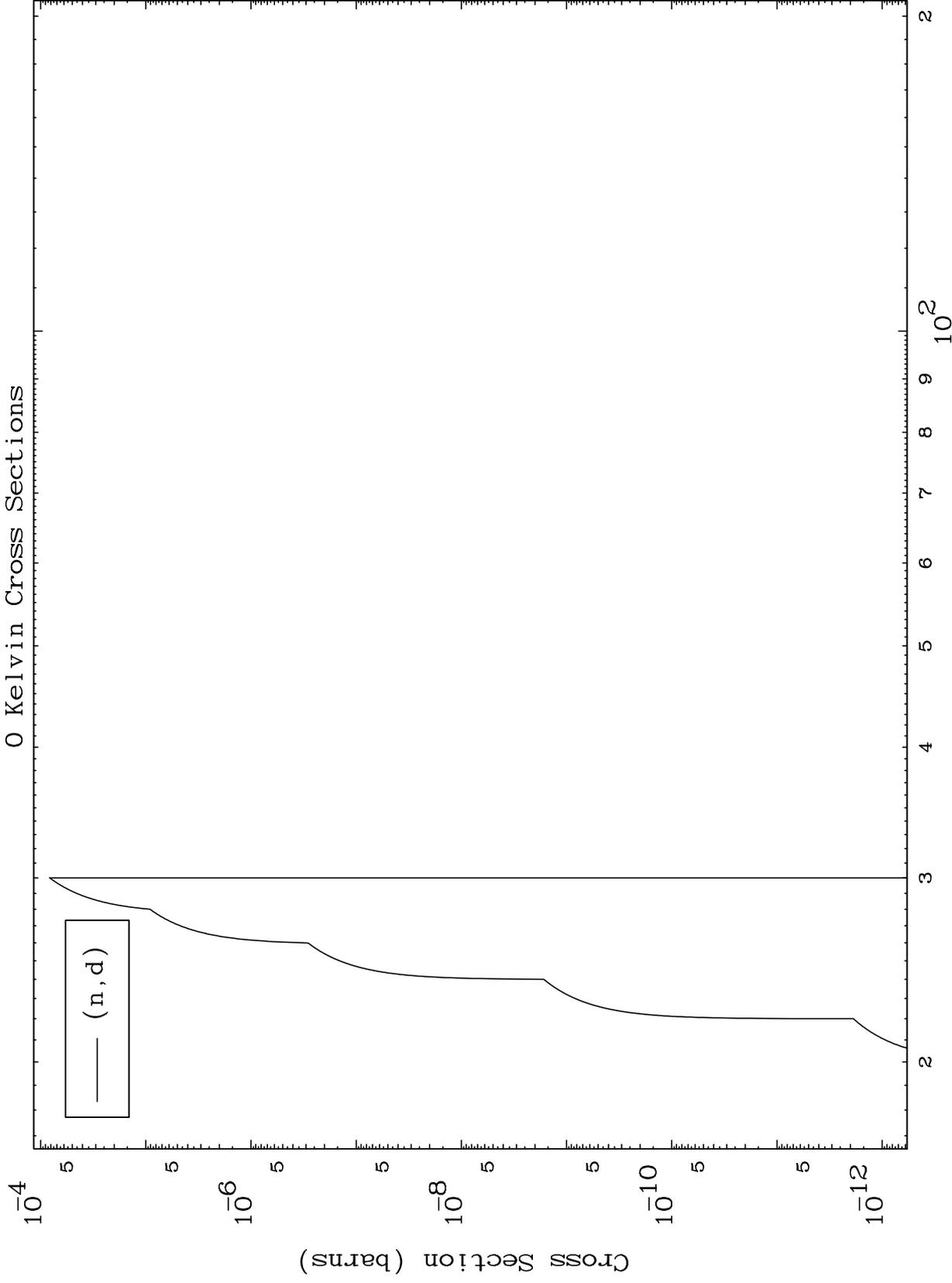
84-Po-202



MAT 8413

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

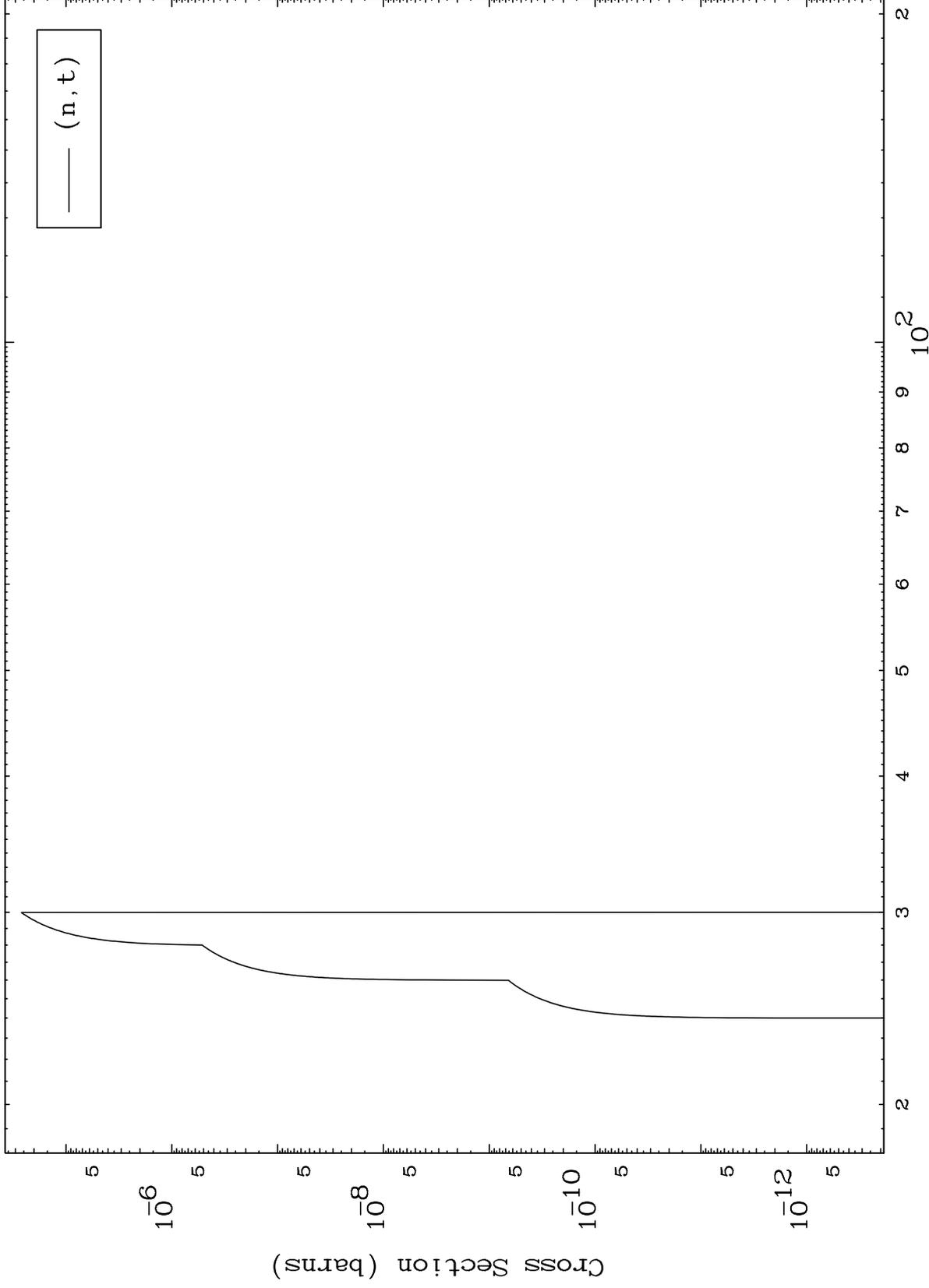
84-Po-202



7

Incident Energy (MeV)

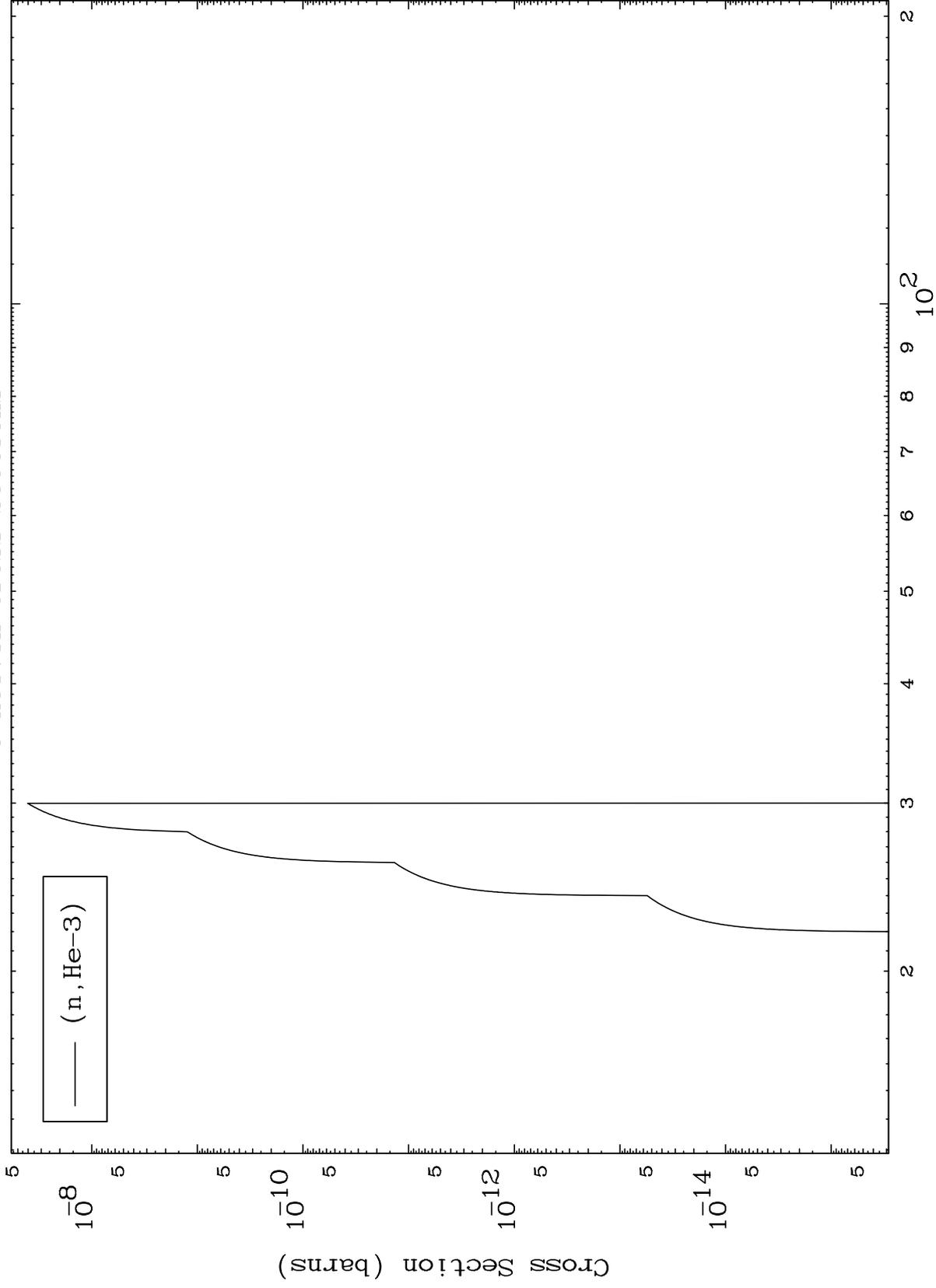
84-Po-202



MAT 8413

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

84-Po-202



9

Incident Energy (MeV)

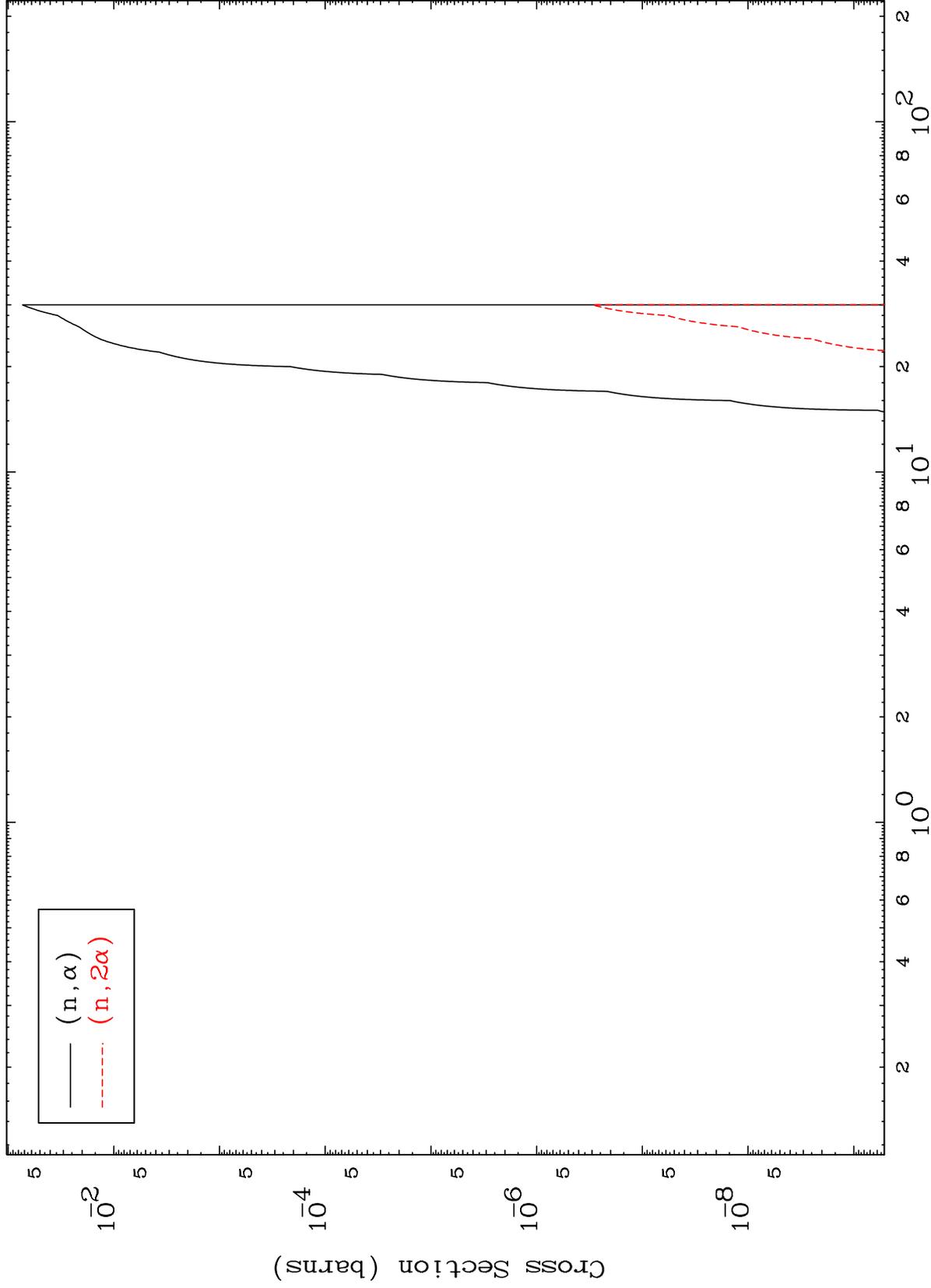
84-Po-202

MAT 8413

( $\alpha, \alpha$ ) Levels

84-Po-202

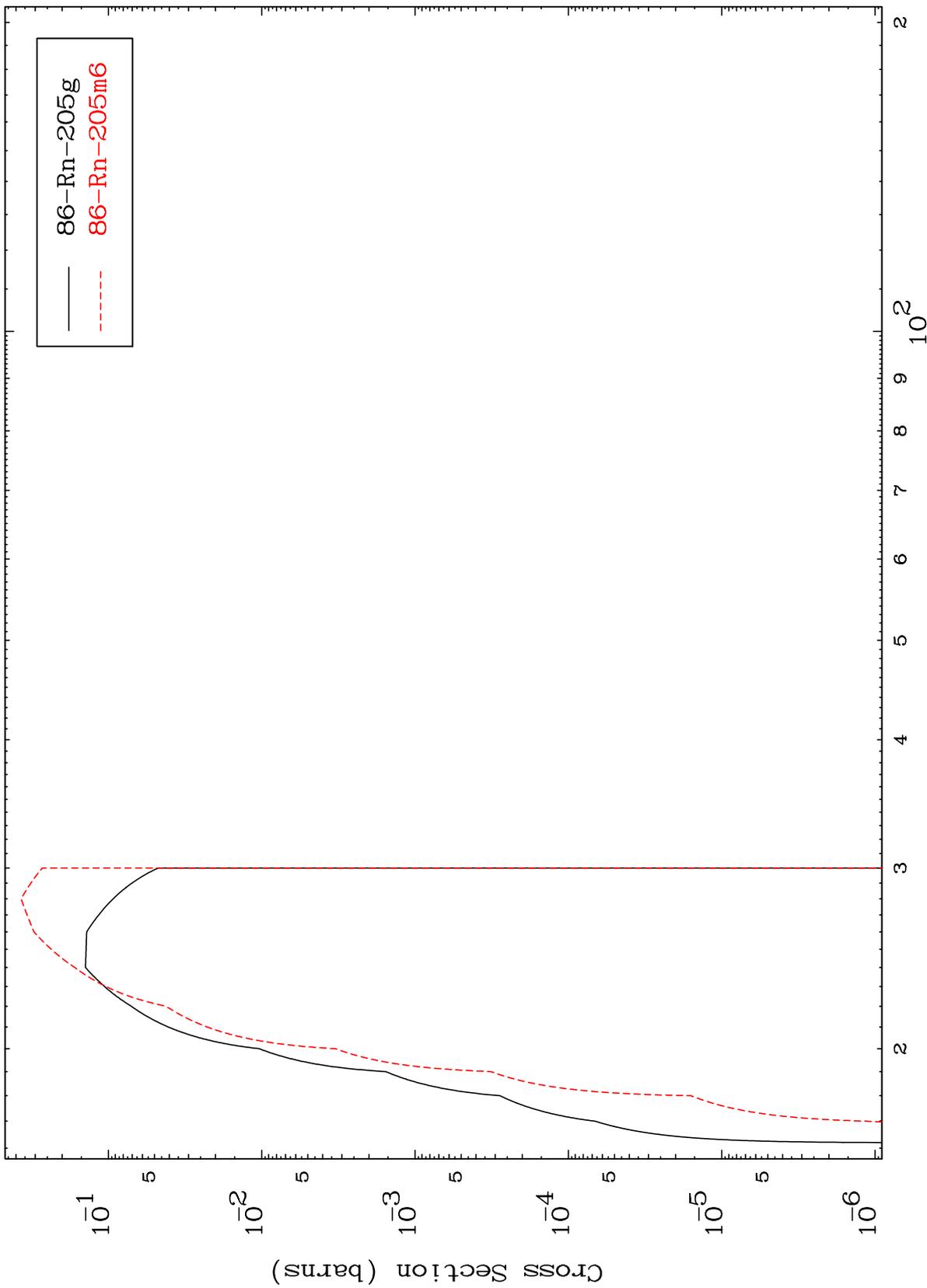
0 Kelvin Cross Sections



10

Incident Energy (MeV)

84-Po-202

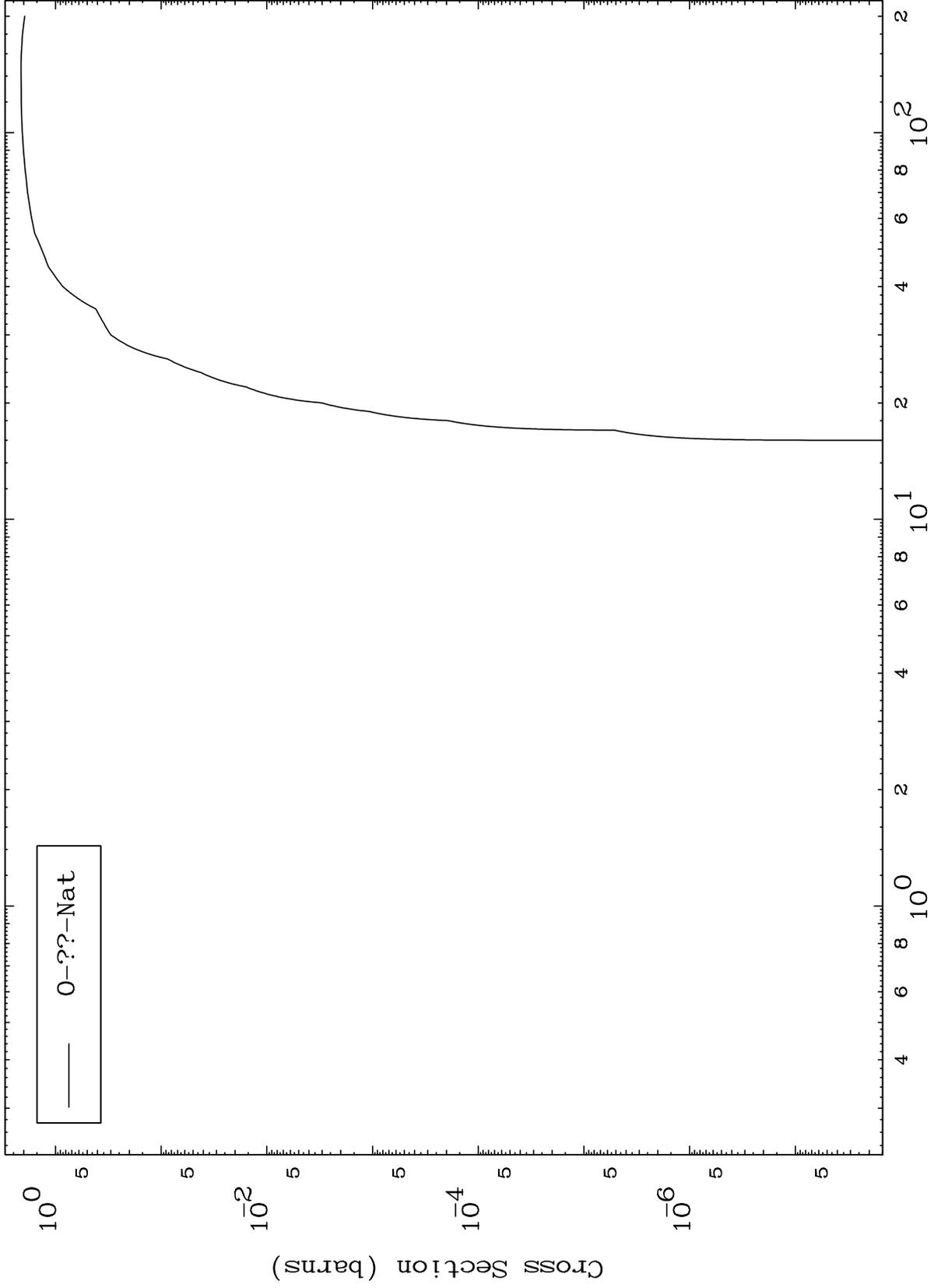


MAT 8413

Fission

84-Po-202

Radionuclide Production Cross Section



12

Incident Energy (MeV)

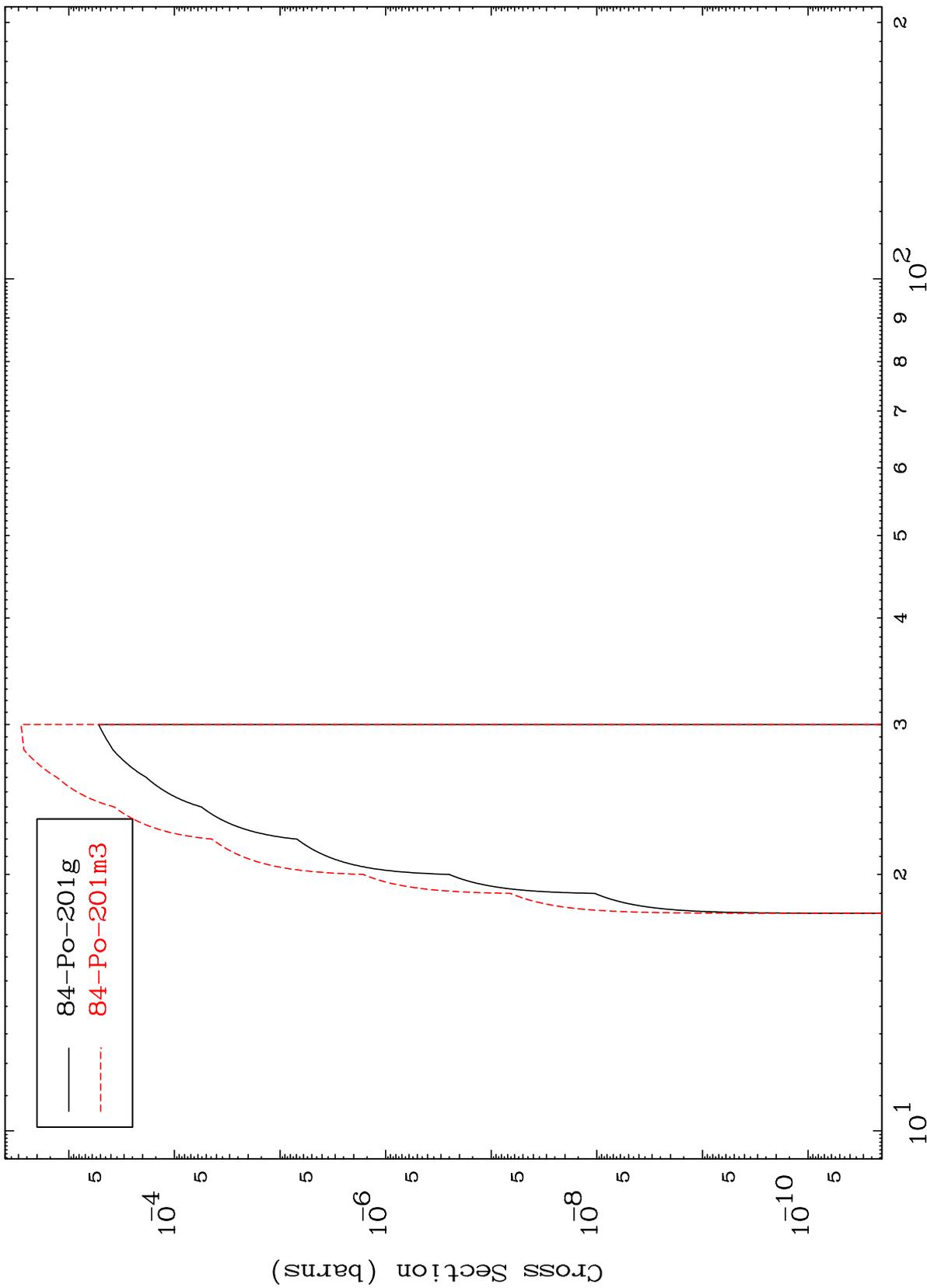
84-Po-202

MAT 8413

(n,n')  $\alpha$

84-Po-202

Radionuclide Production Cross Section



13

Incident Energy (MeV)

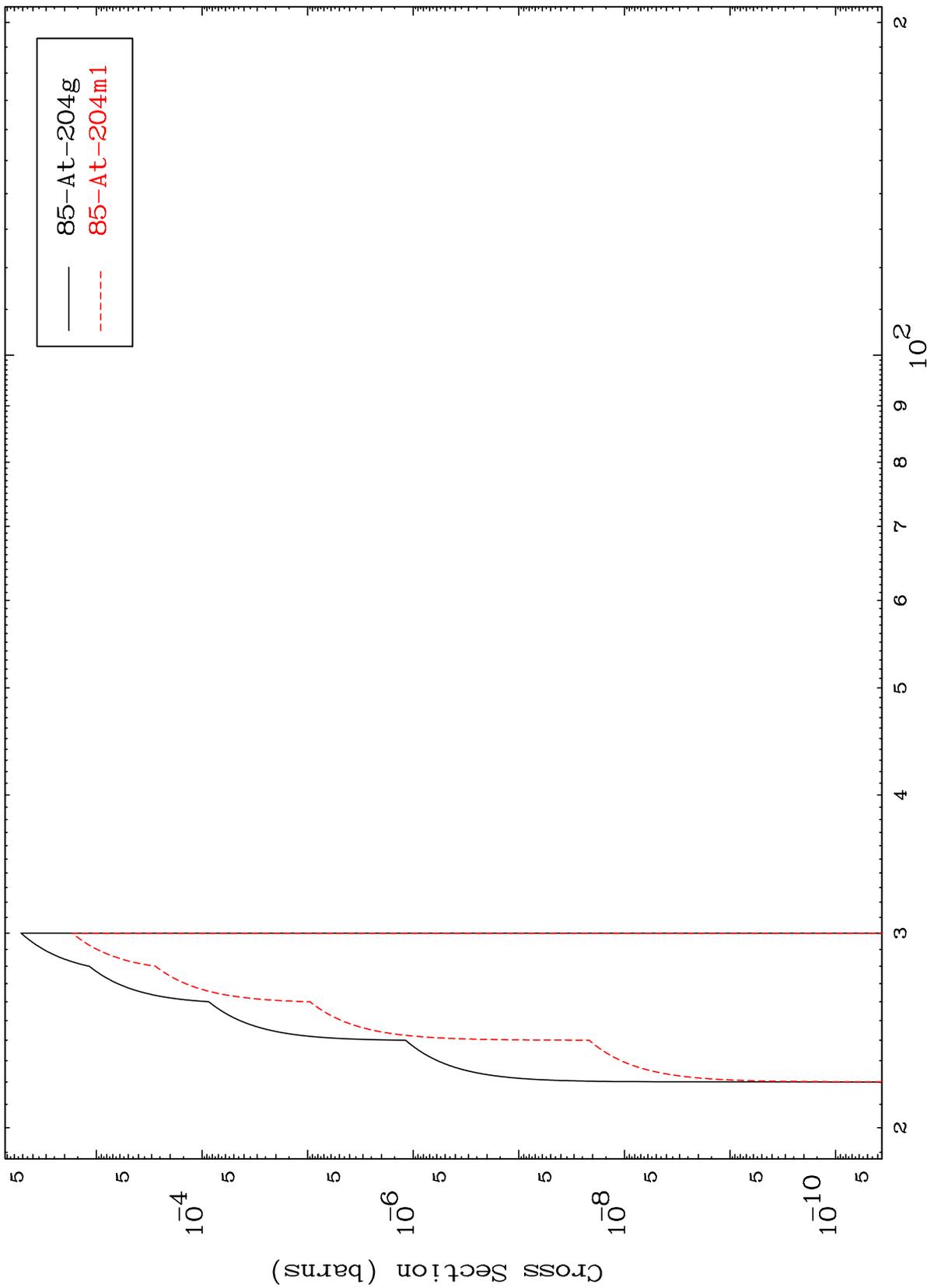
84-Po-202

MAT 8413

(n,n') p

84-Po-202

Radionuclide Production Cross Section



14

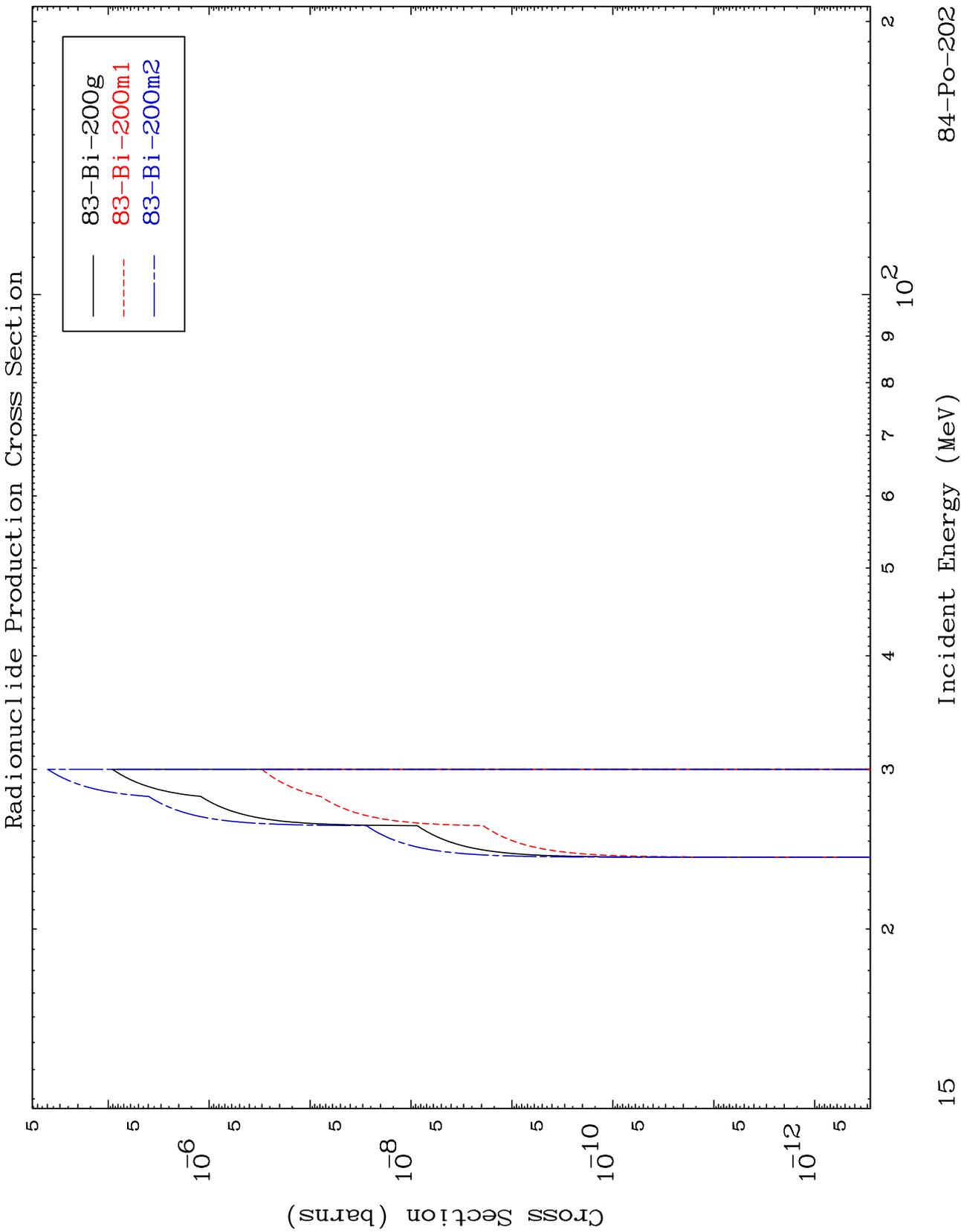
Incident Energy (MeV)

84-Po-202

MAT 8413

(n,n') p  $\alpha$

84-Po-202



15

Incident Energy (MeV)

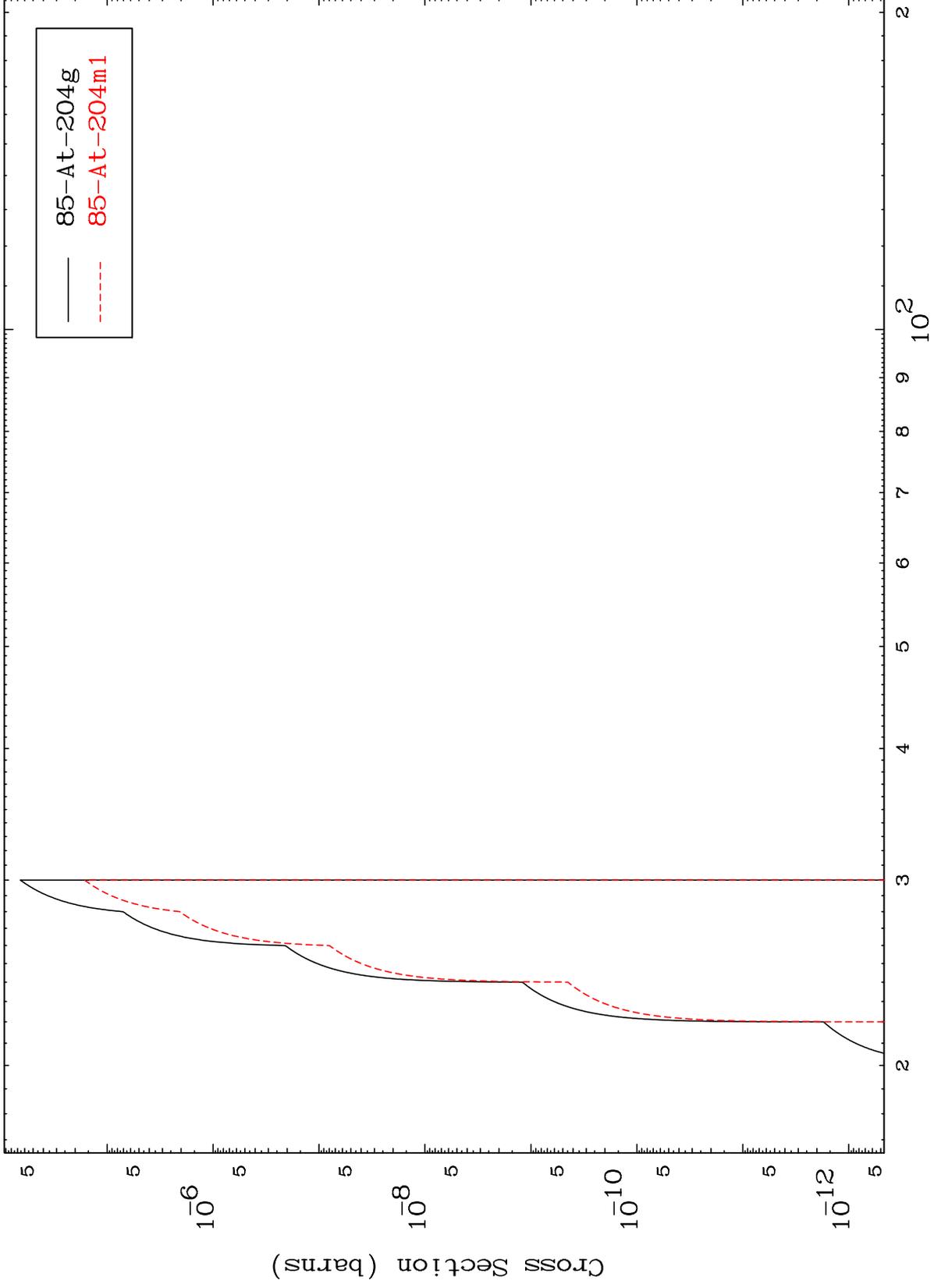
84-Po-202

MAT 8413

(n,d)

84-Po-202

Radionuclide Production Cross Section



16

Incident Energy (MeV)

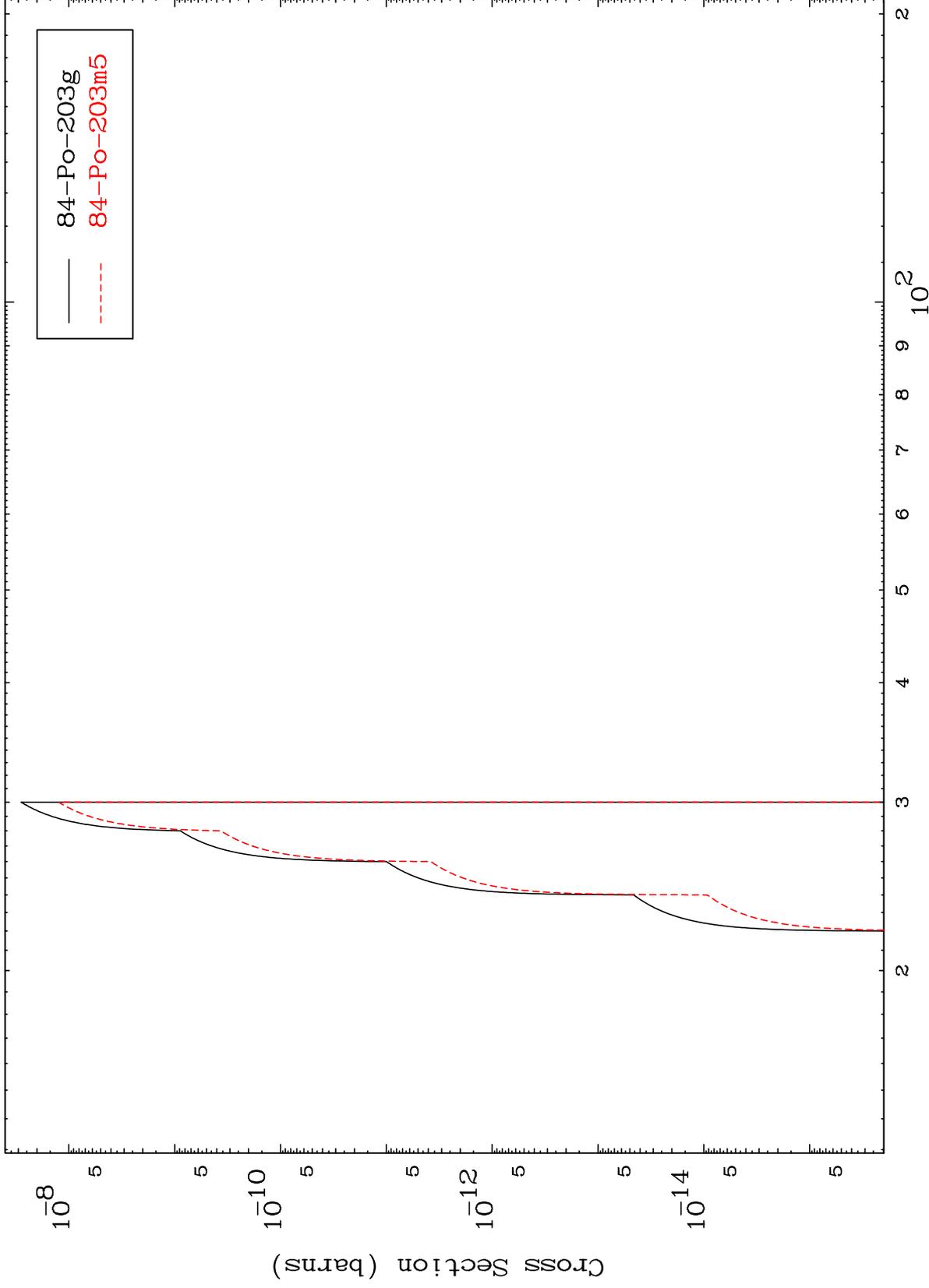
84-Po-202

MAT 8413

(n,He-3)

84-Po-202

Radionuclide Production Cross Section



17

Incident Energy (MeV)

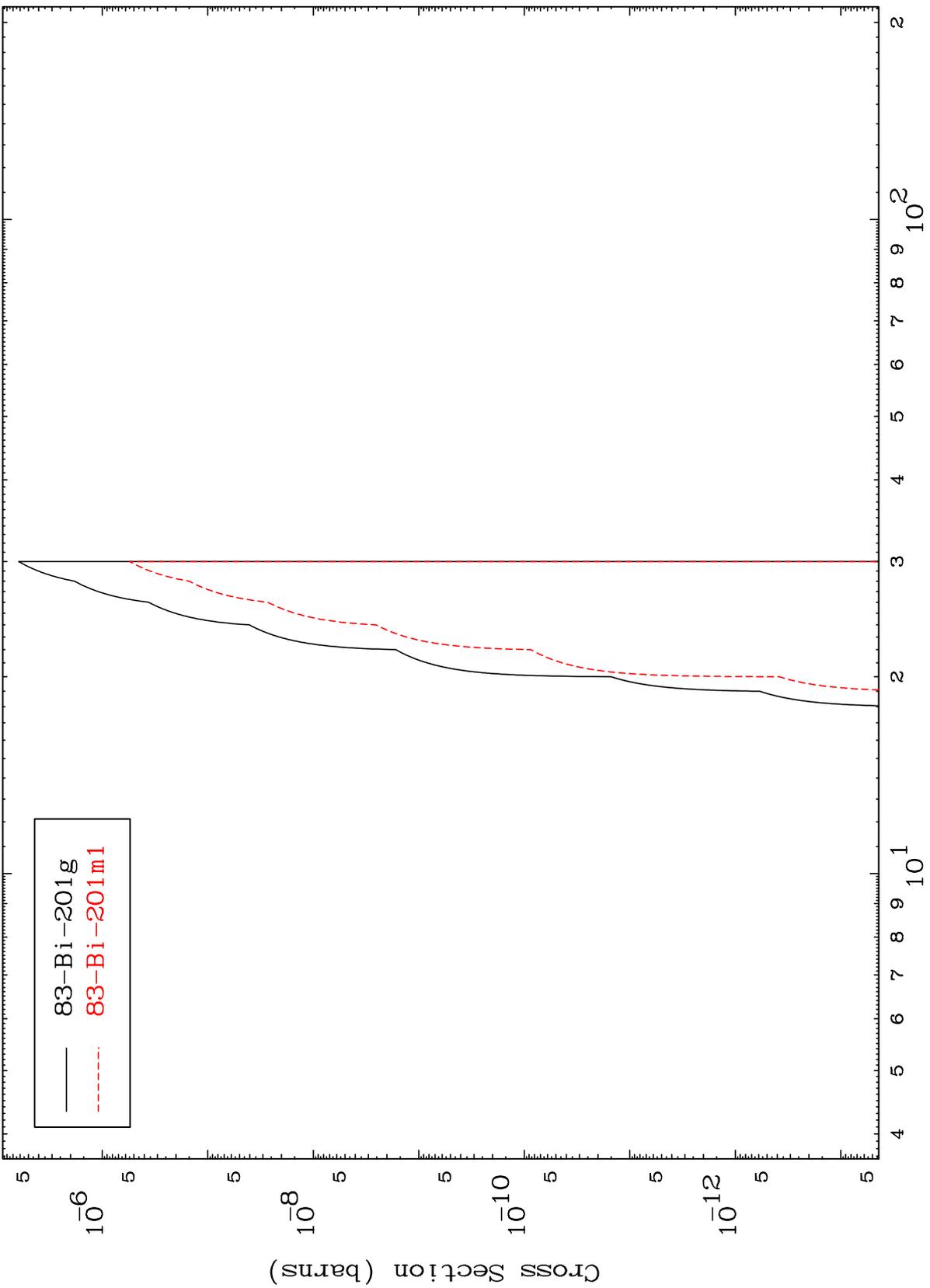
84-Po-202

MAT 8413

(n,p)  $\alpha$

84-Po-202

Radionuclide Production Cross Section



83-Bi-201g  
83-Bi-201m1

18

Incident Energy (MeV)

84-Po-202

MAT 8413

(n,d)  $\alpha$

84-Po-202

Radionuclide Production Cross Section

