

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

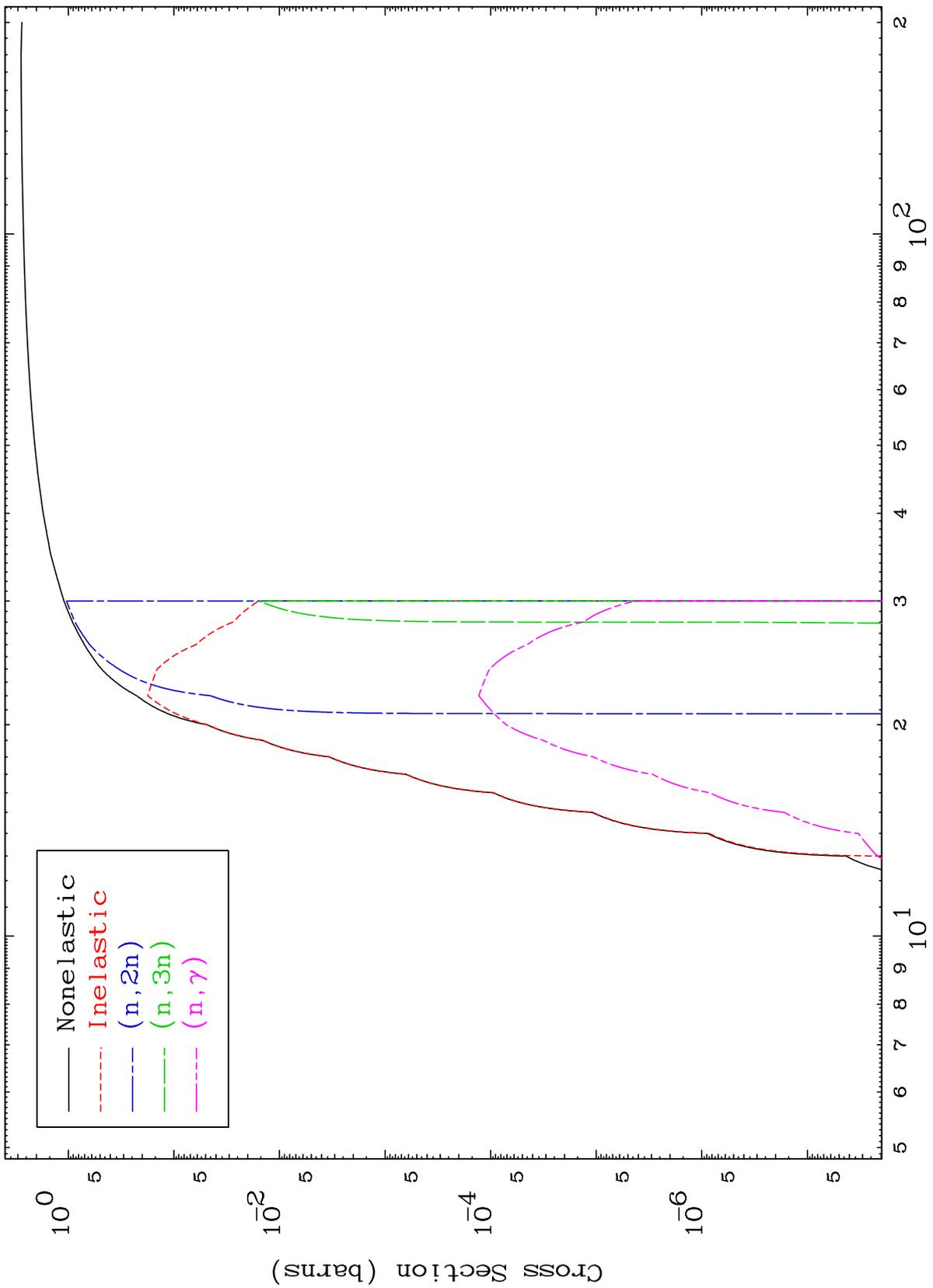
Press Mouse Button to Start

MAT 8228

0 Kelvin

$\alpha$  Major

82-Pb-205



1

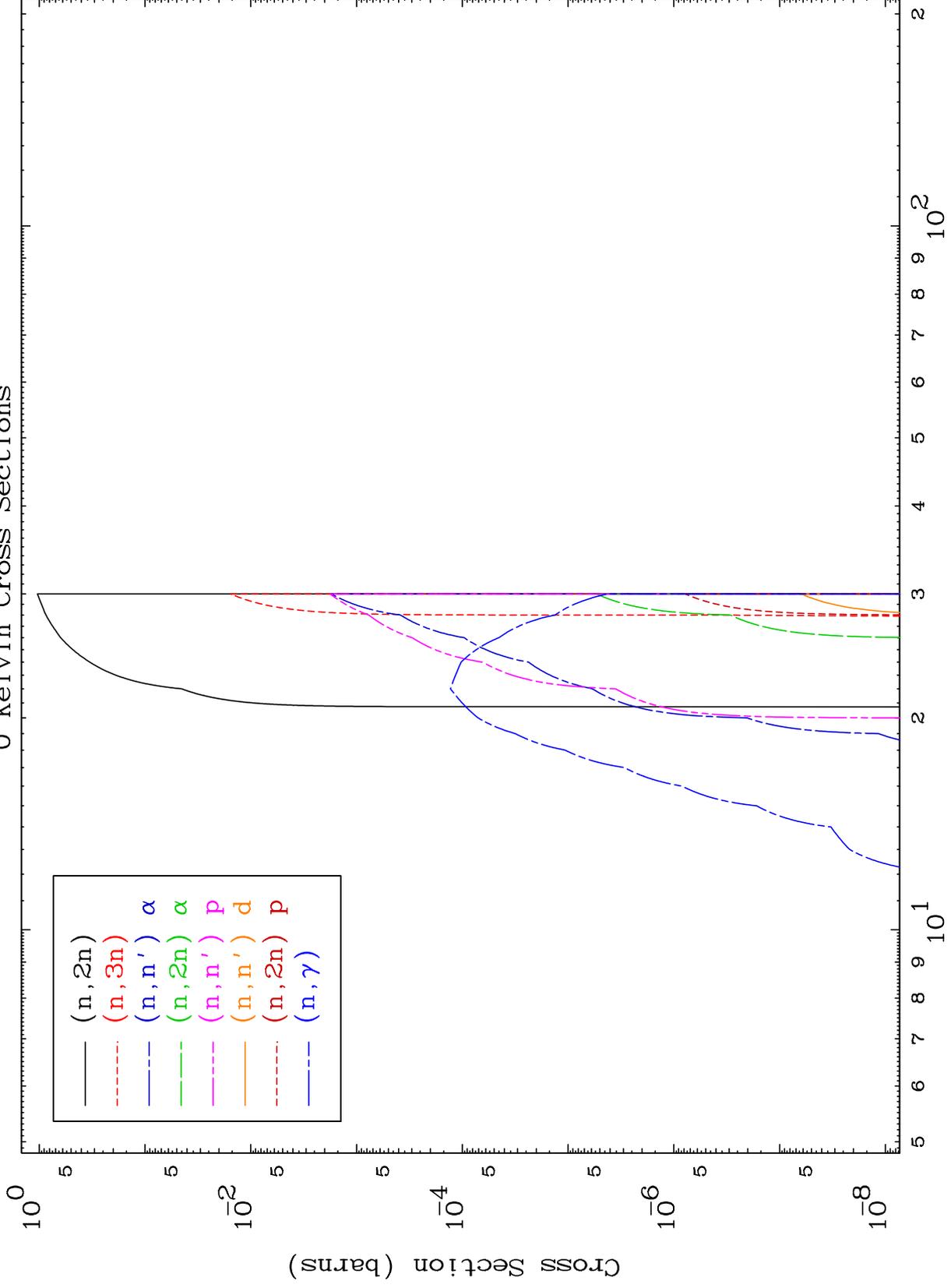
Incident Energy (MeV)

82-Pb-205

MAT 8228

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-205



2

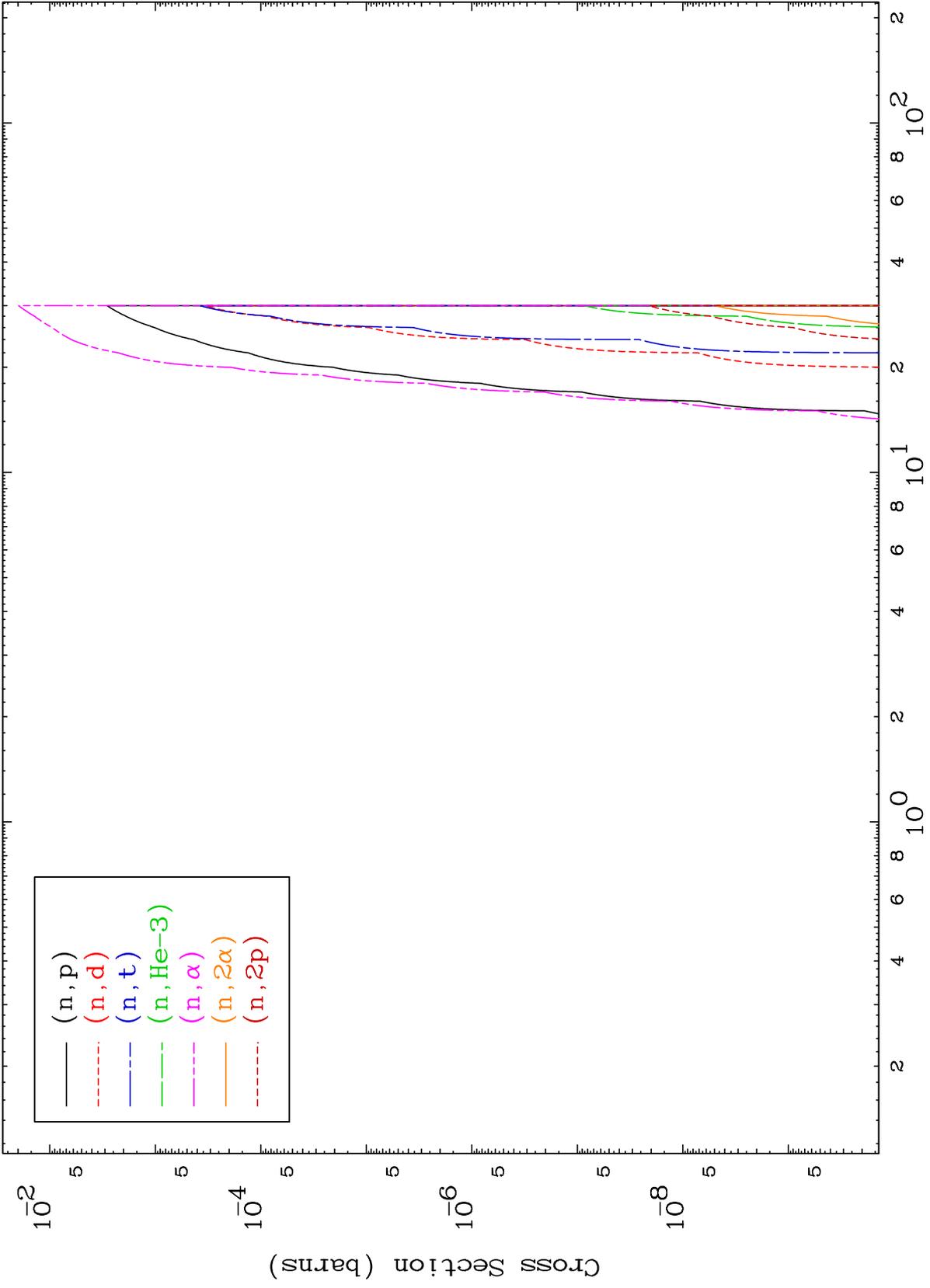
Incident Energy (MeV)

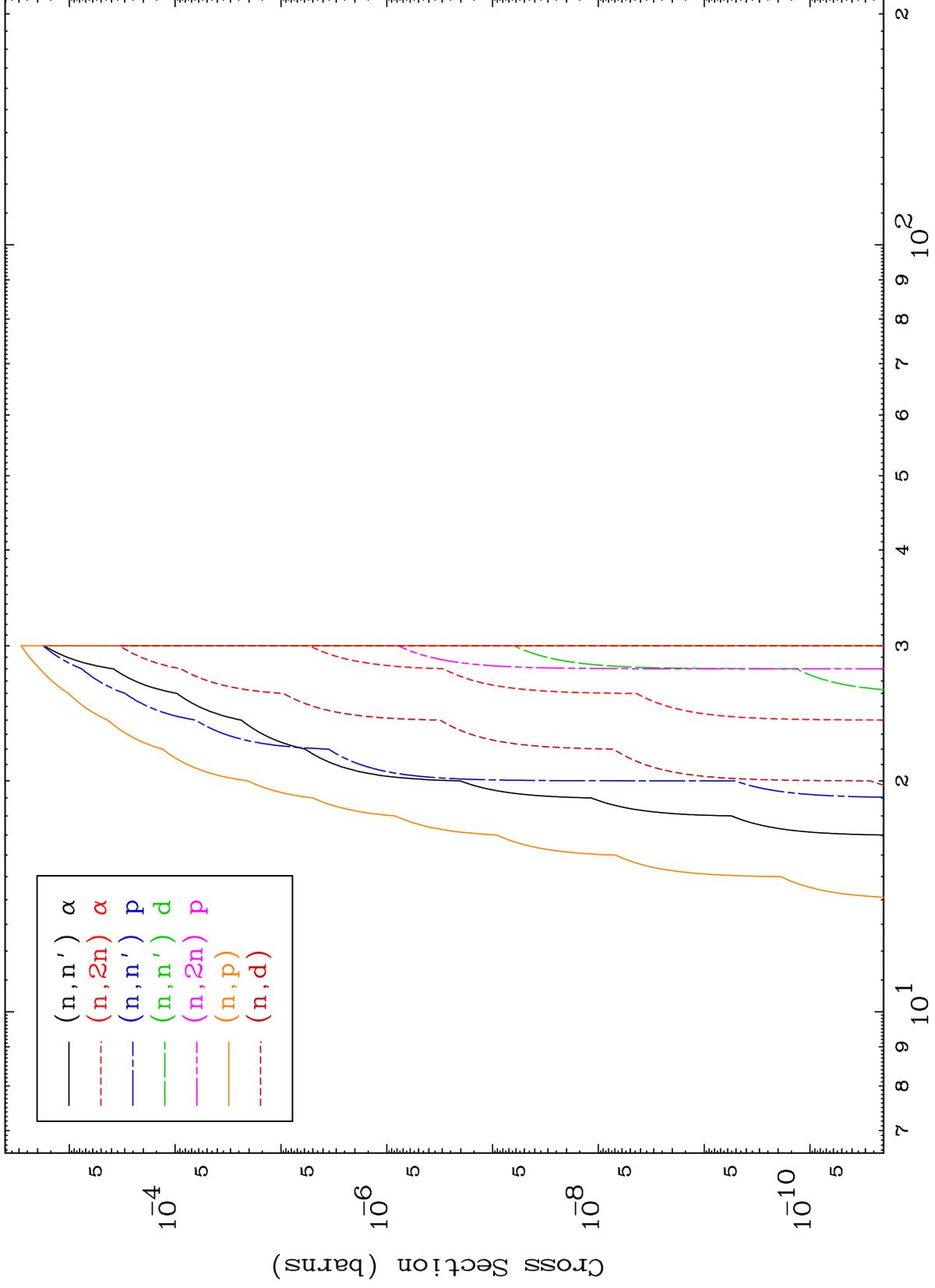
82-Pb-205

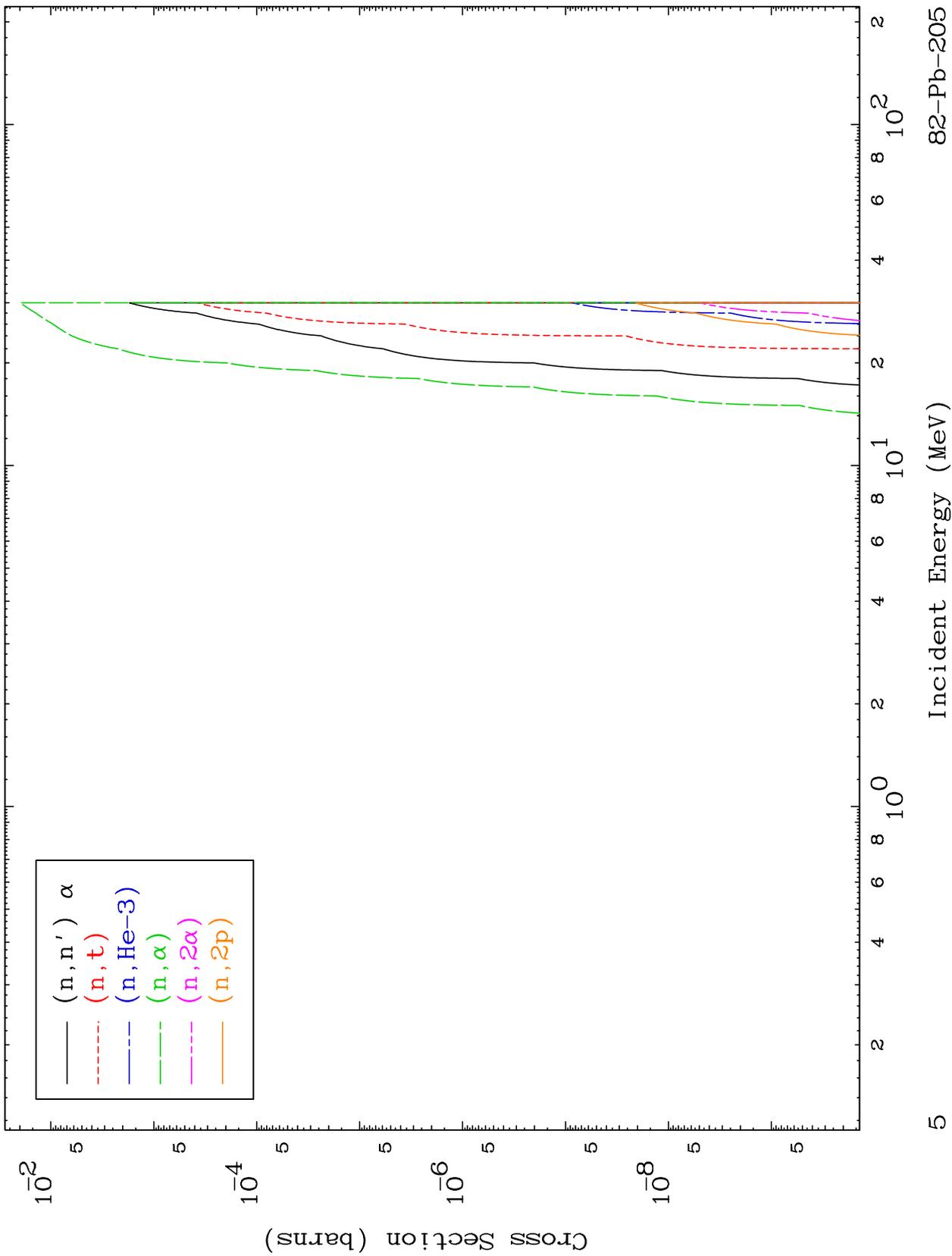
MAT 8228

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-205



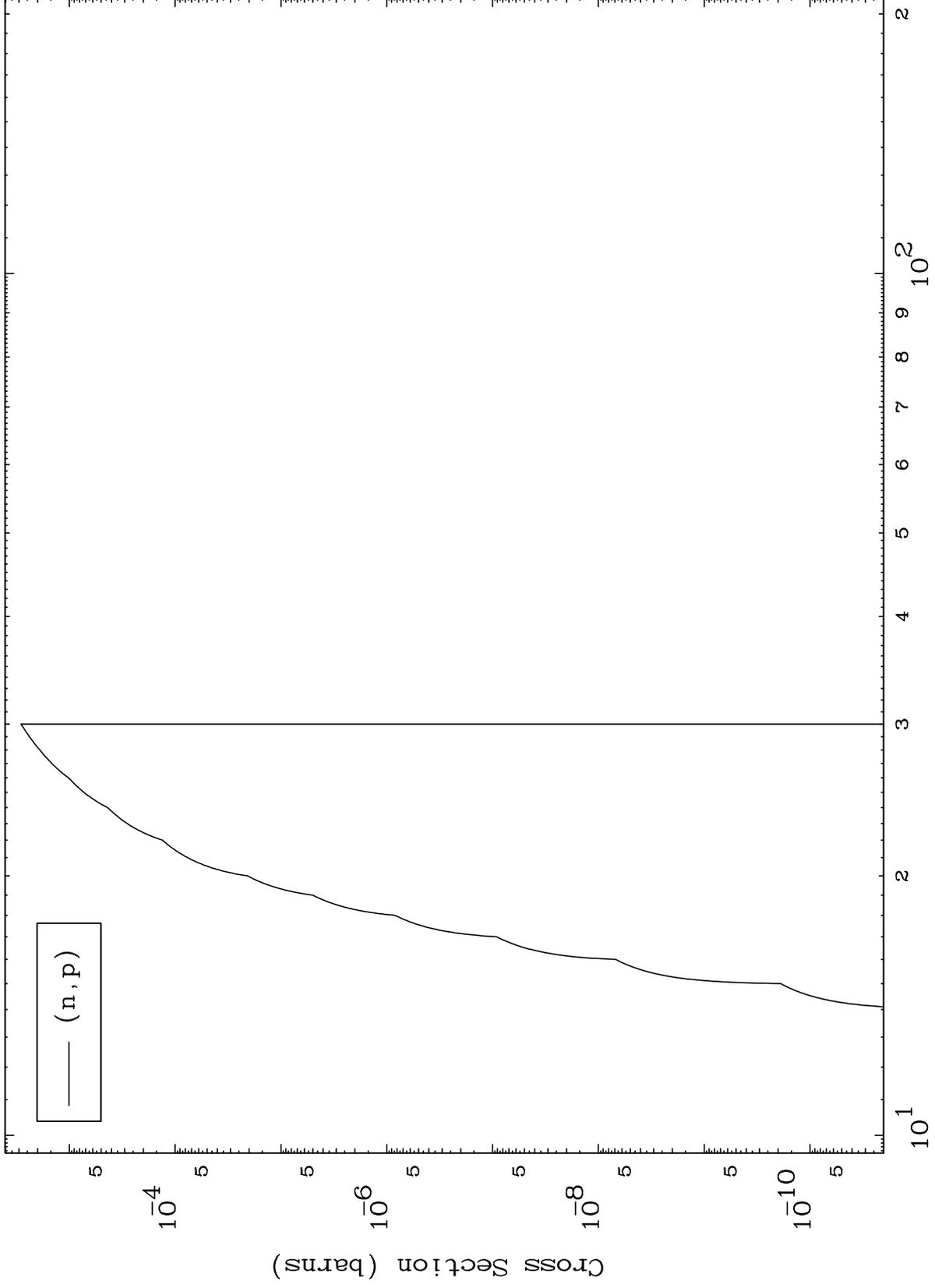




MAT 8228

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

82-Pb-205



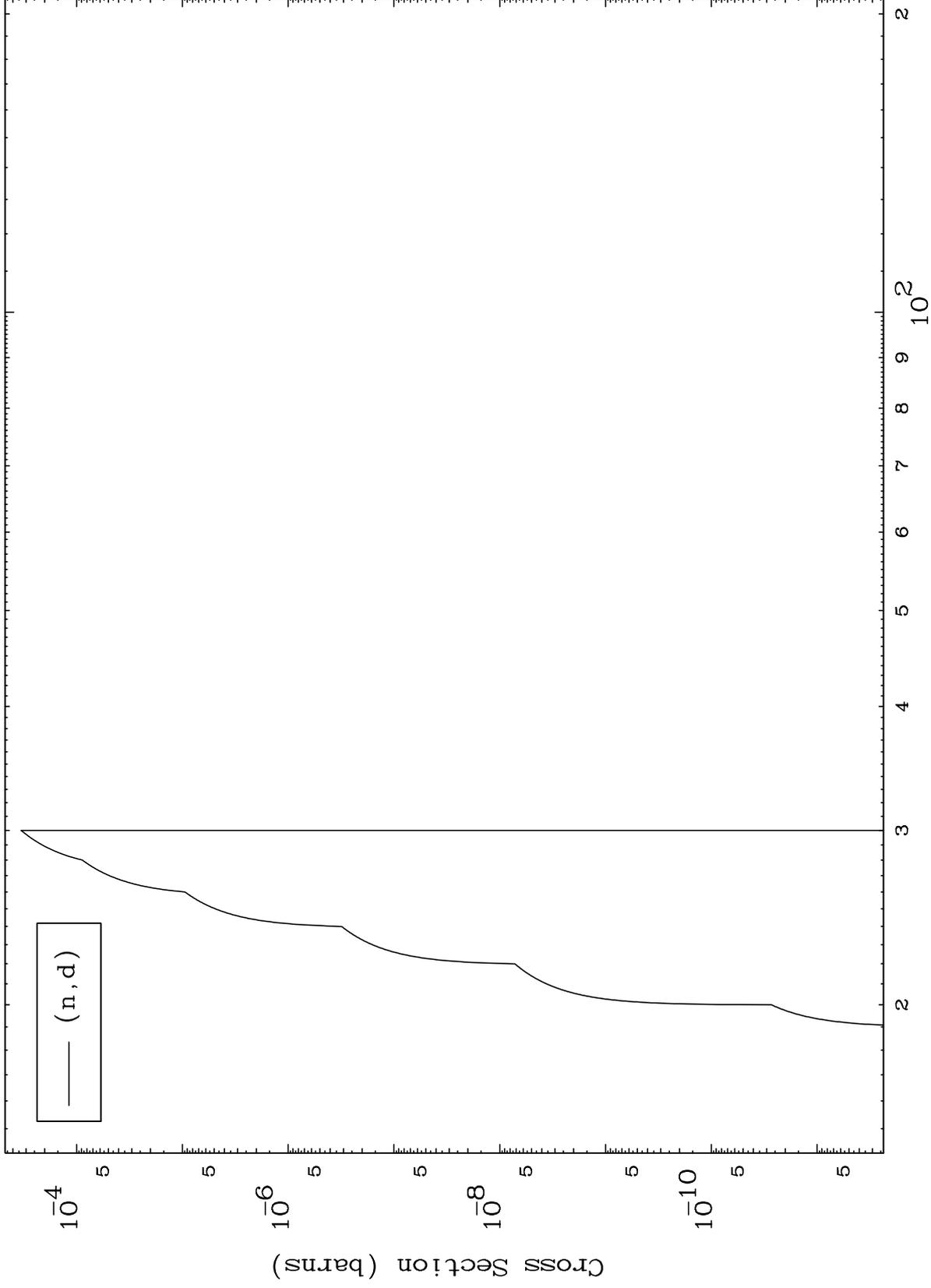
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



7

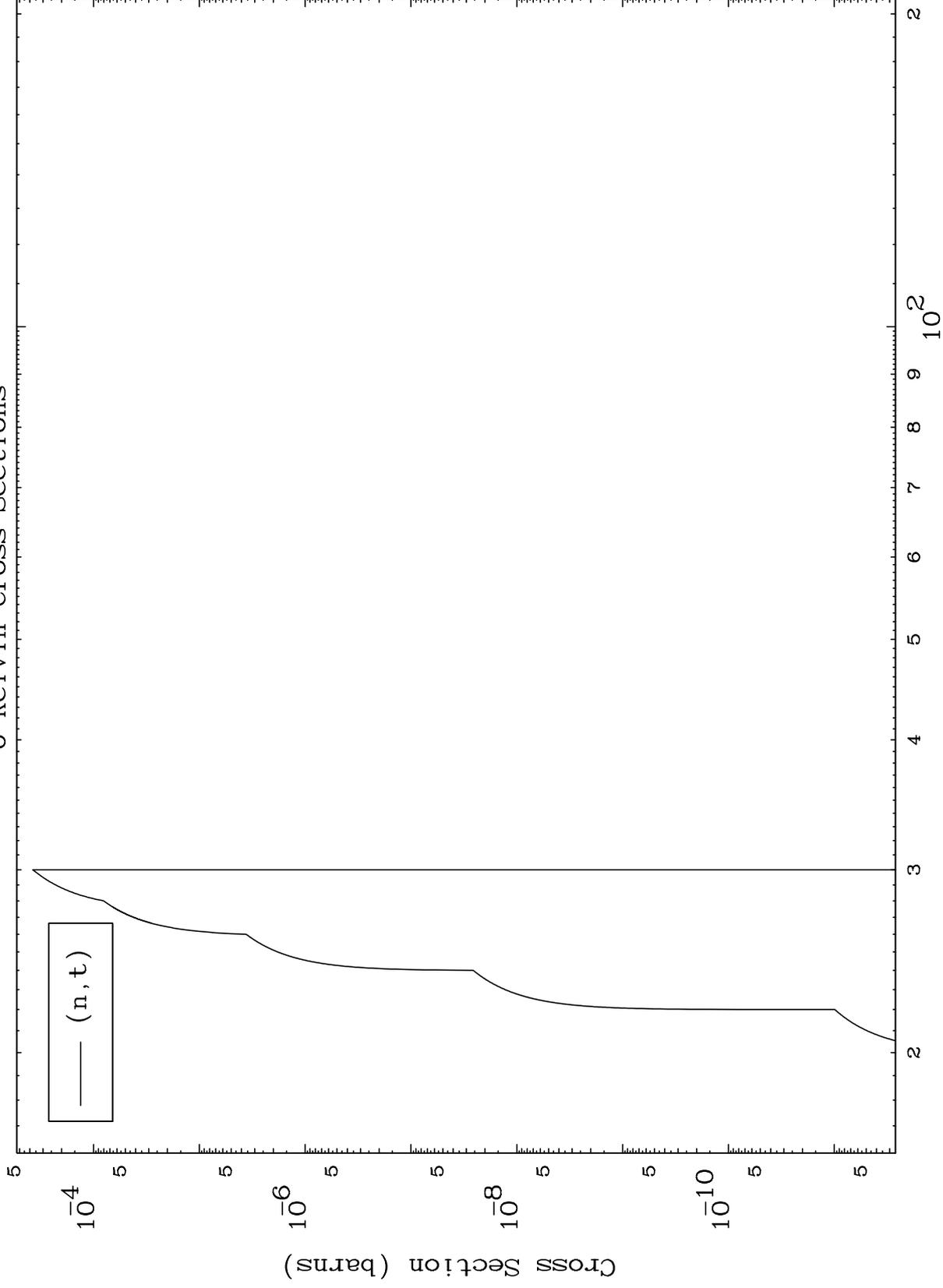
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



8

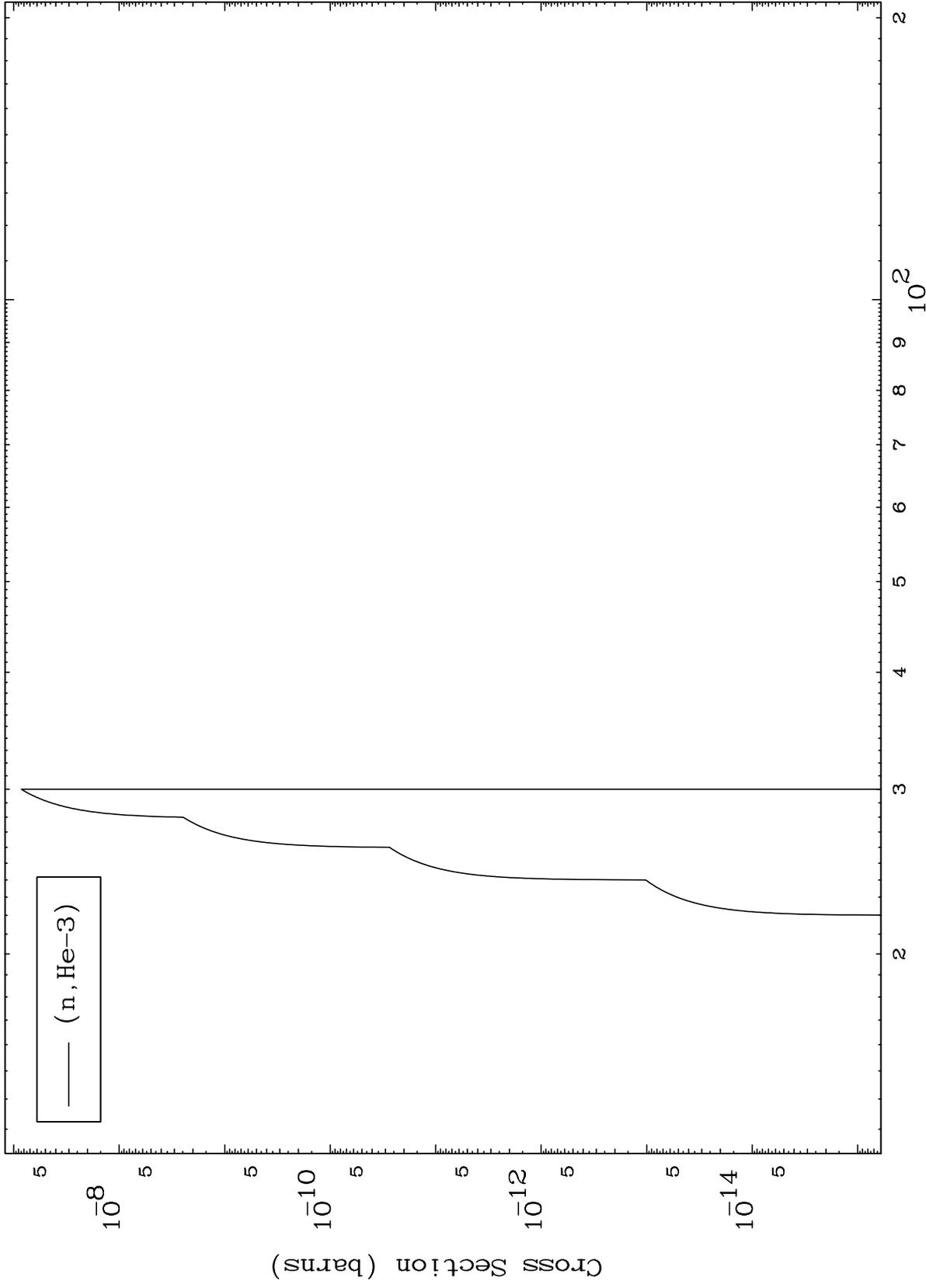
Incident Energy (MeV)

82-Pb-205

MAT 8228

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

82-Pb-205



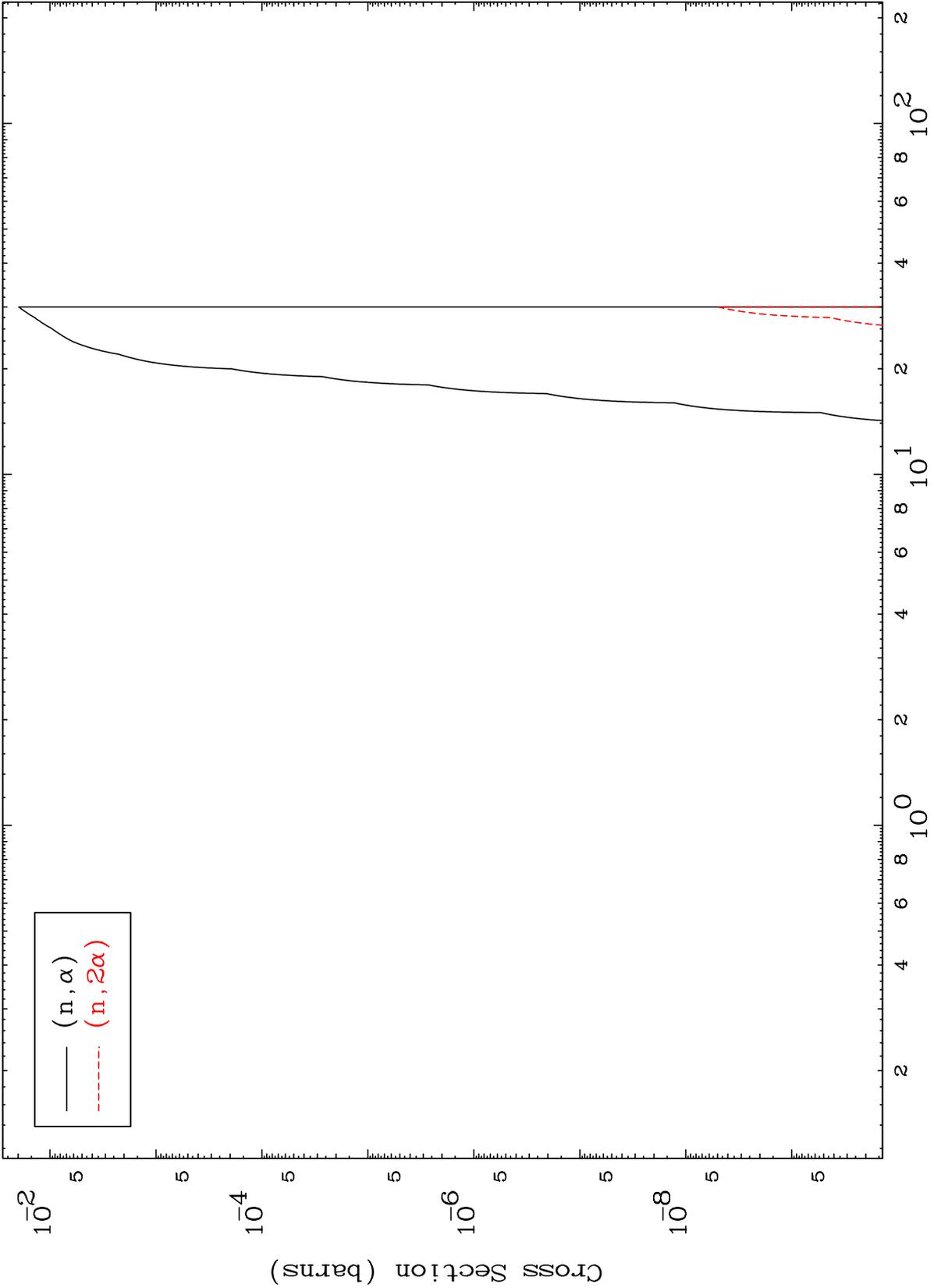
(n, He-3)

MAT 8228

( $\alpha, \alpha$ ) Levels

82-Pb-205

0 Kelvin Cross Sections



— ( $n, \alpha$ )  
- - - ( $n, 2\alpha$ )

10

Incident Energy (MeV)

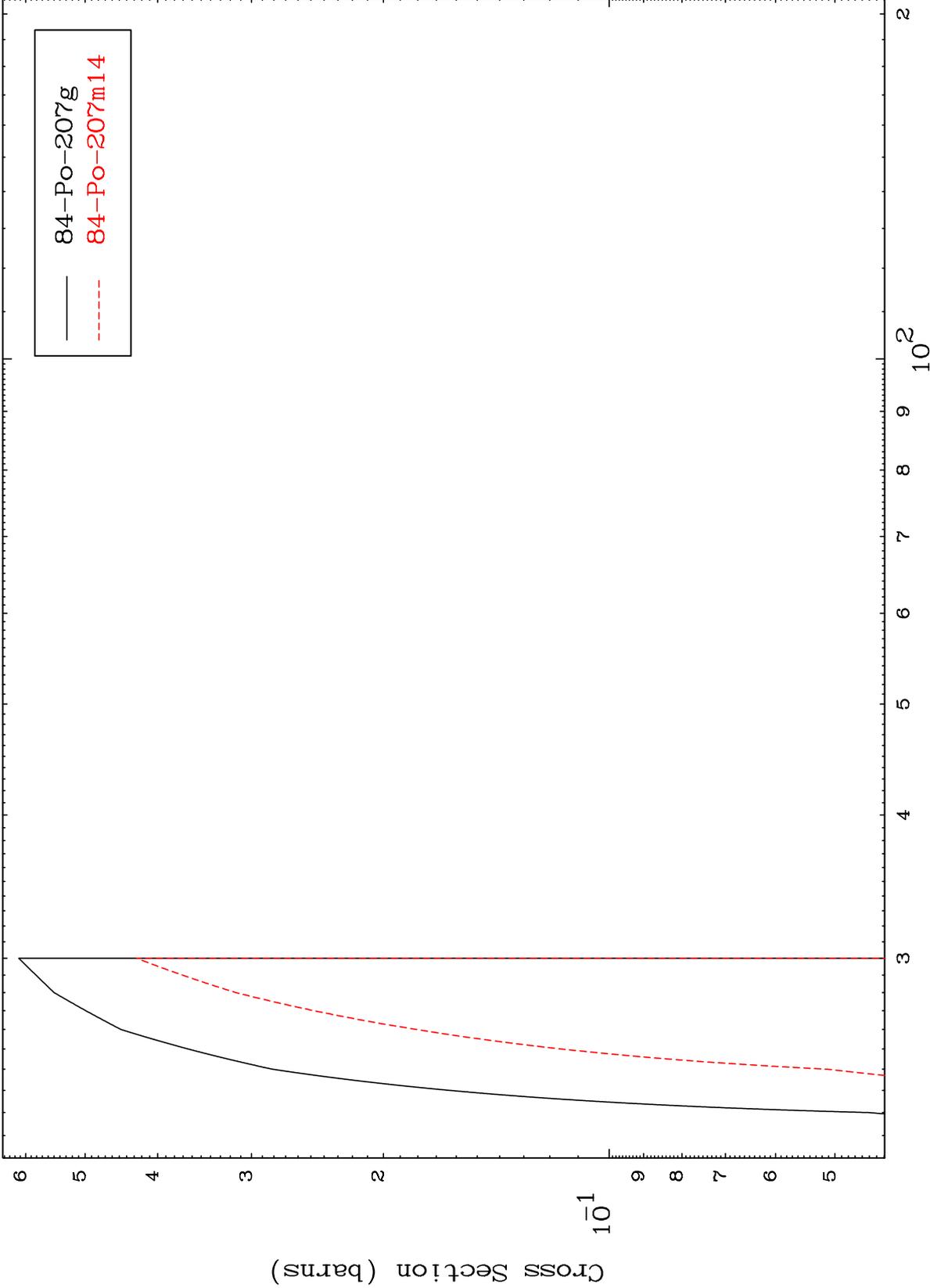
82-Pb-205

MAT 8228

(n,2n)

82-Pb-205

Radionuclide Production Cross Section



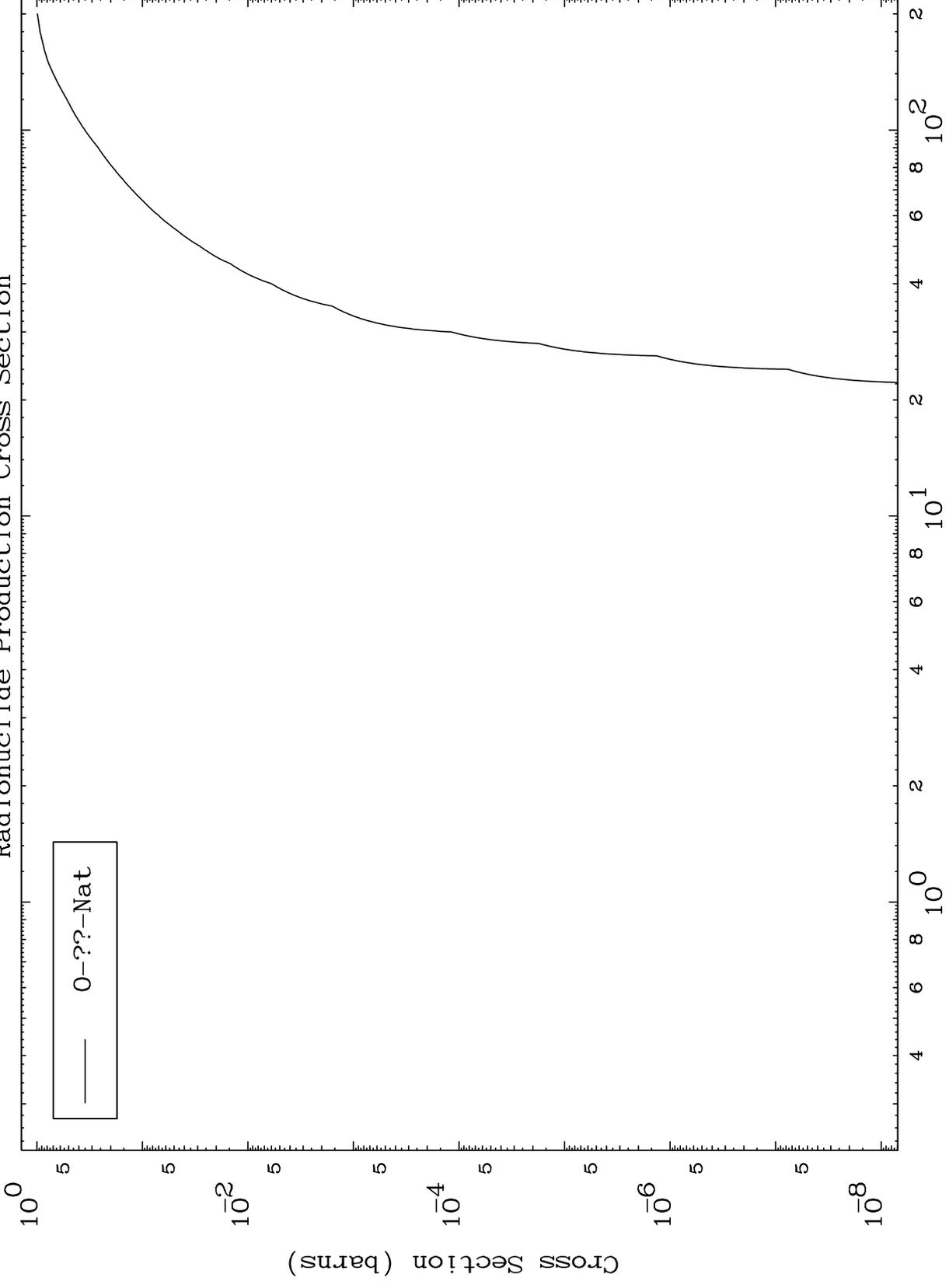
84-Po-207g  
84-Po-207m14

MAT 8228

Fission

82-Pb-205

Radionuclide Production Cross Section

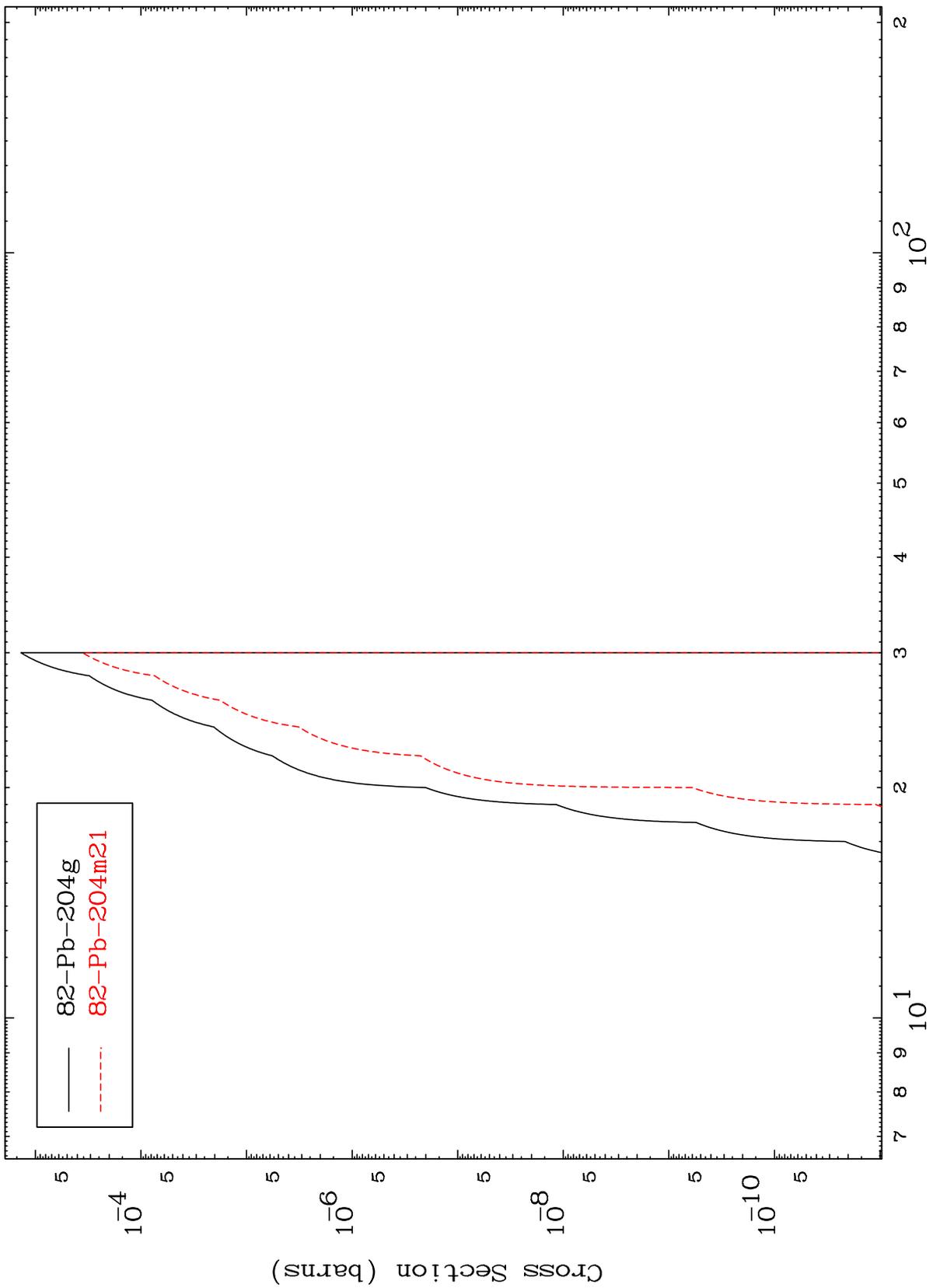


MAT 8228

$(n, n') \alpha$

82-Pb-205

Radionuclide Production Cross Section



13

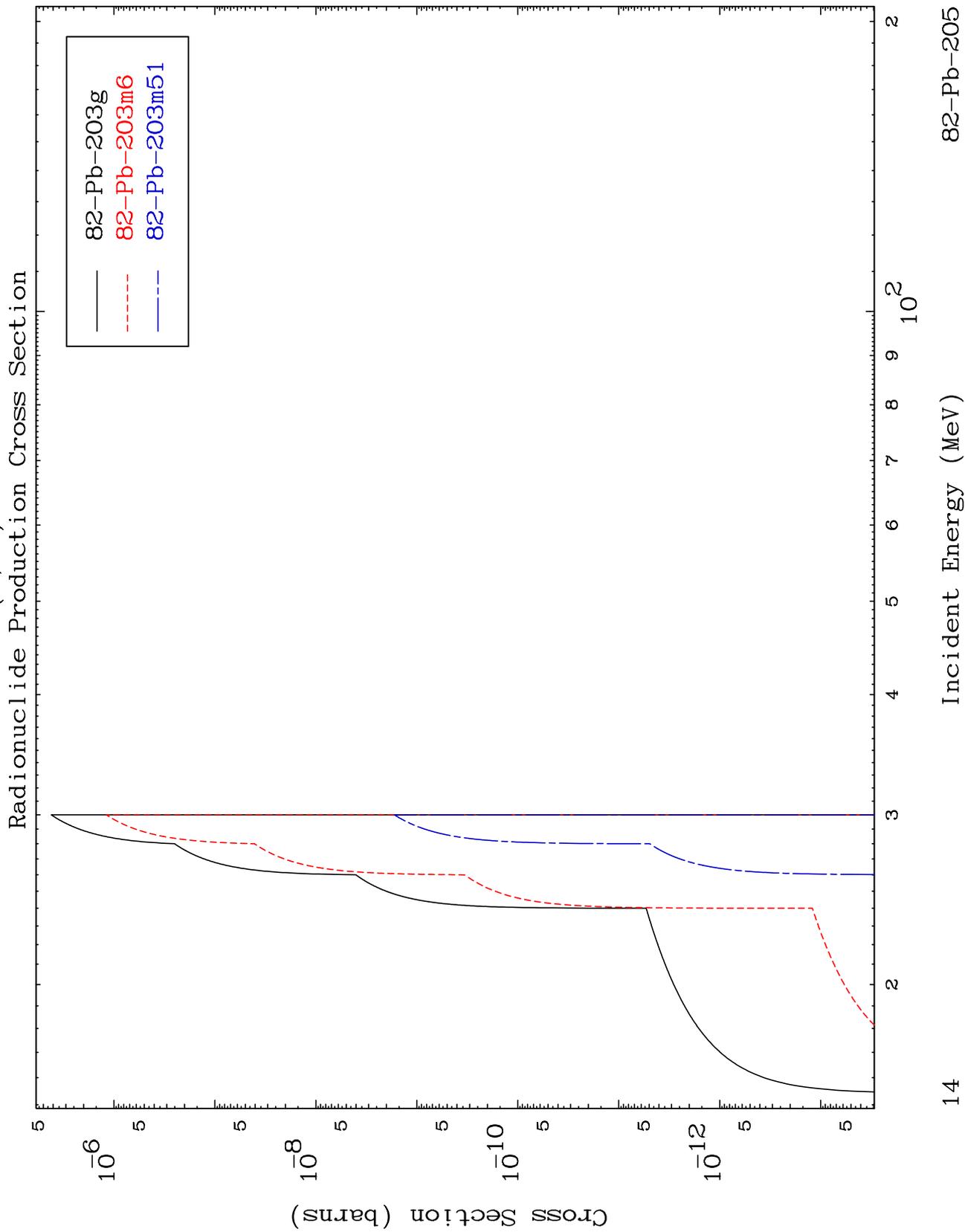
Incident Energy (MeV)

82-Pb-205

MAT 8228

$(n,2n) \alpha$

82-Pb-205



14

Incident Energy (MeV)

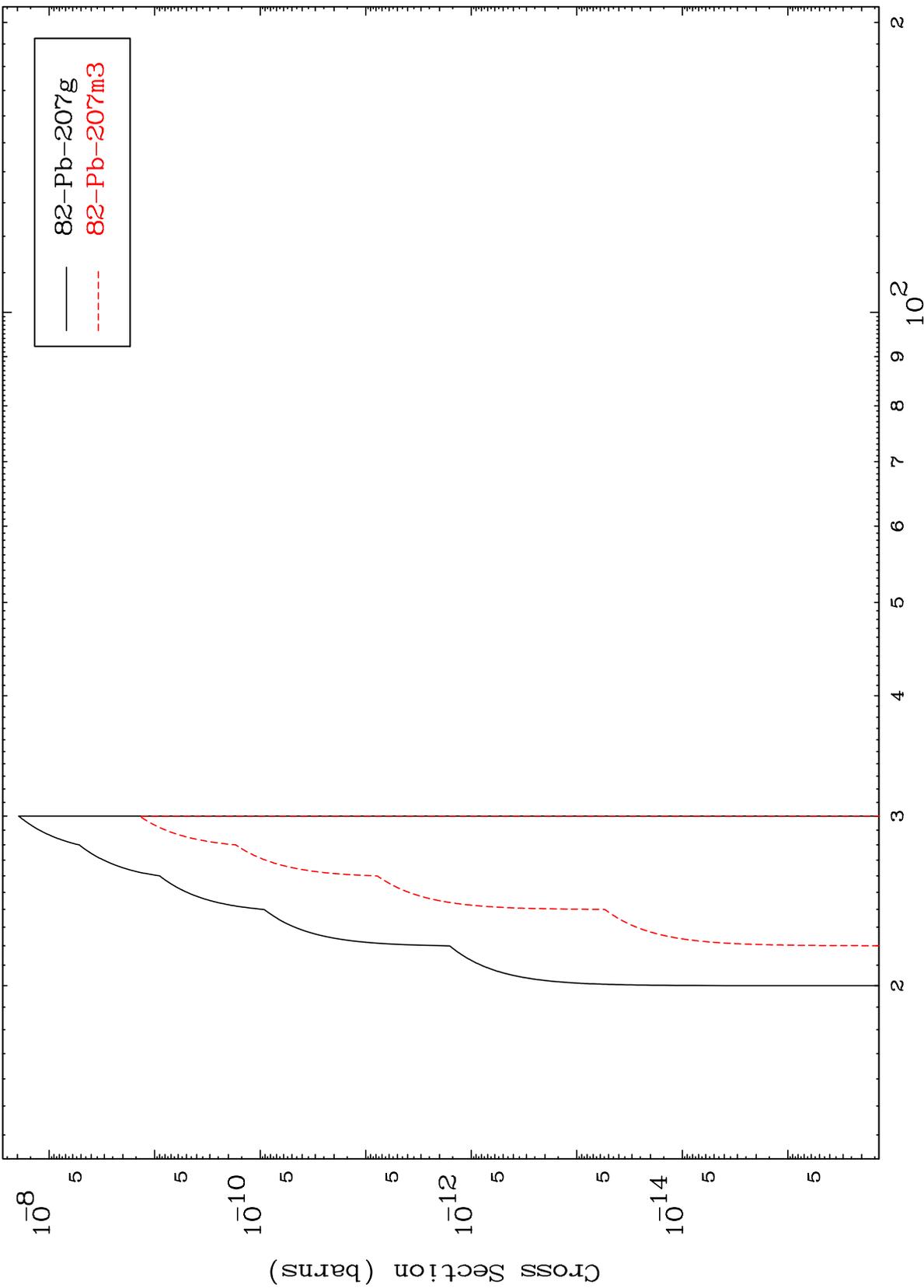
82-Pb-205

MAT 8228

82-Pb-205

(n,2p)

Radionuclide Production Cross Section



15

82-Pb-205

Incident Energy (MeV)