

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

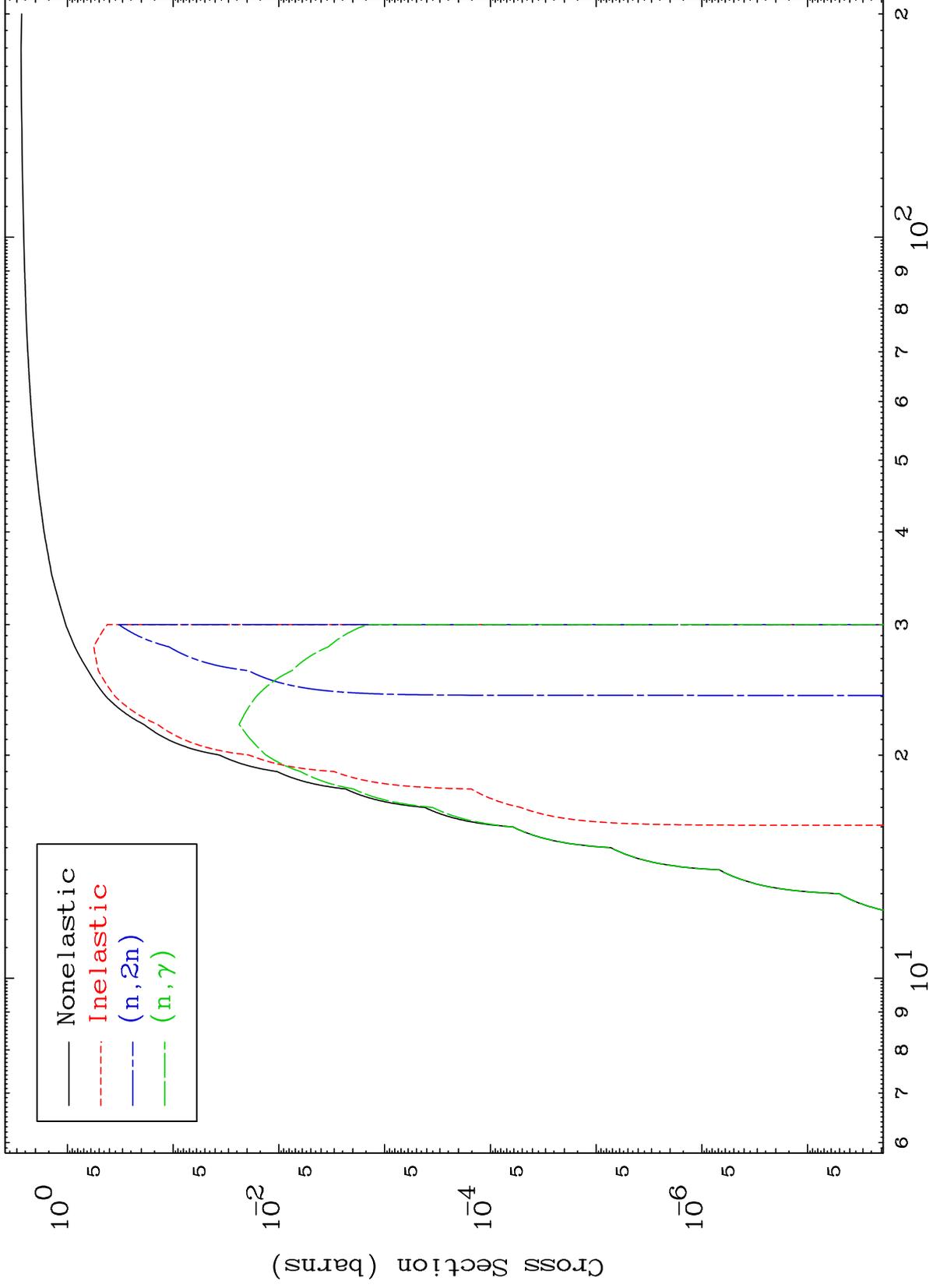
Press Mouse Button to Start

MAT 8201

0 Kelvin Cross Sections

$\alpha$  Major

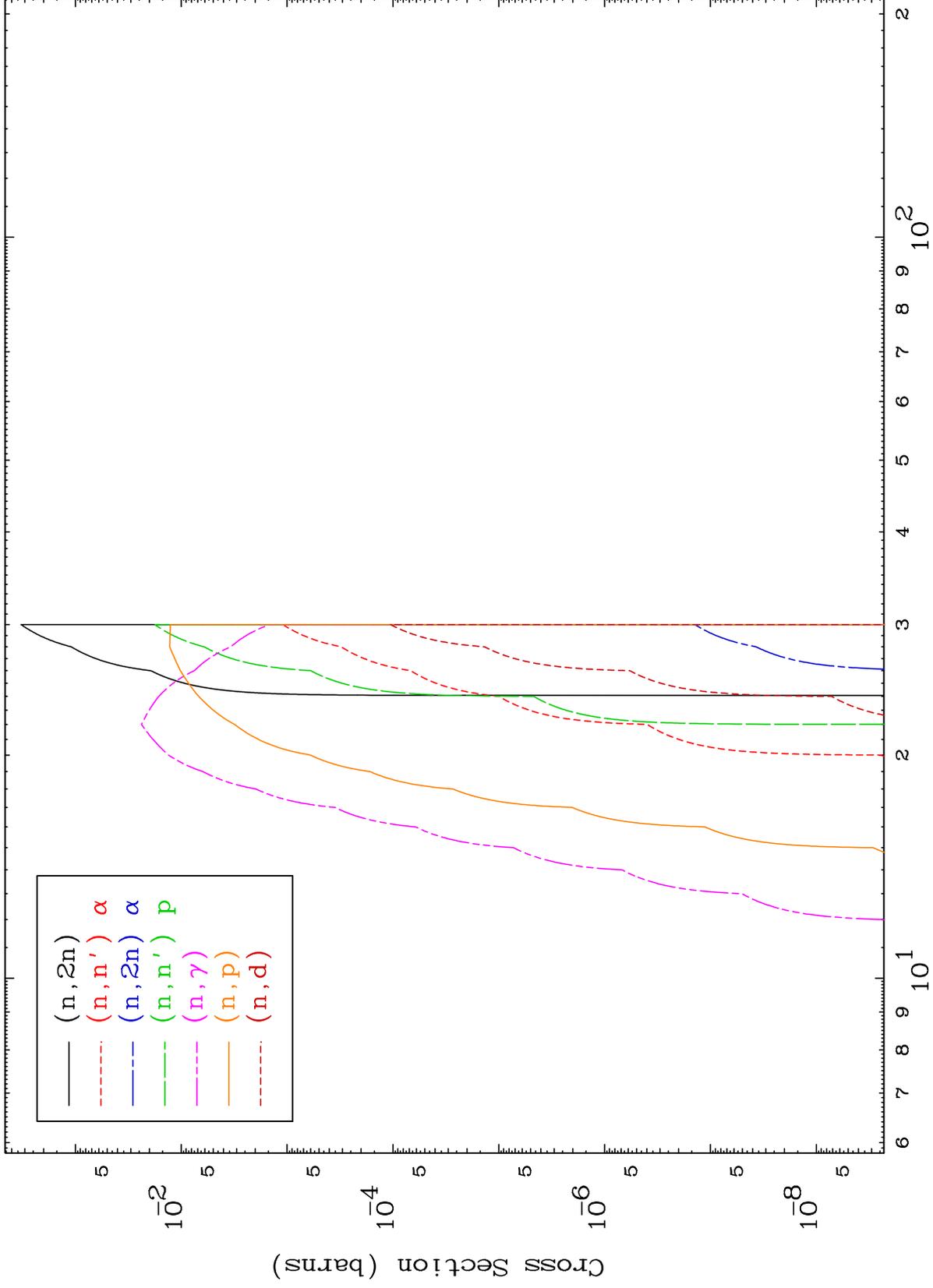
82-Pb-196



1

Incident Energy (MeV)

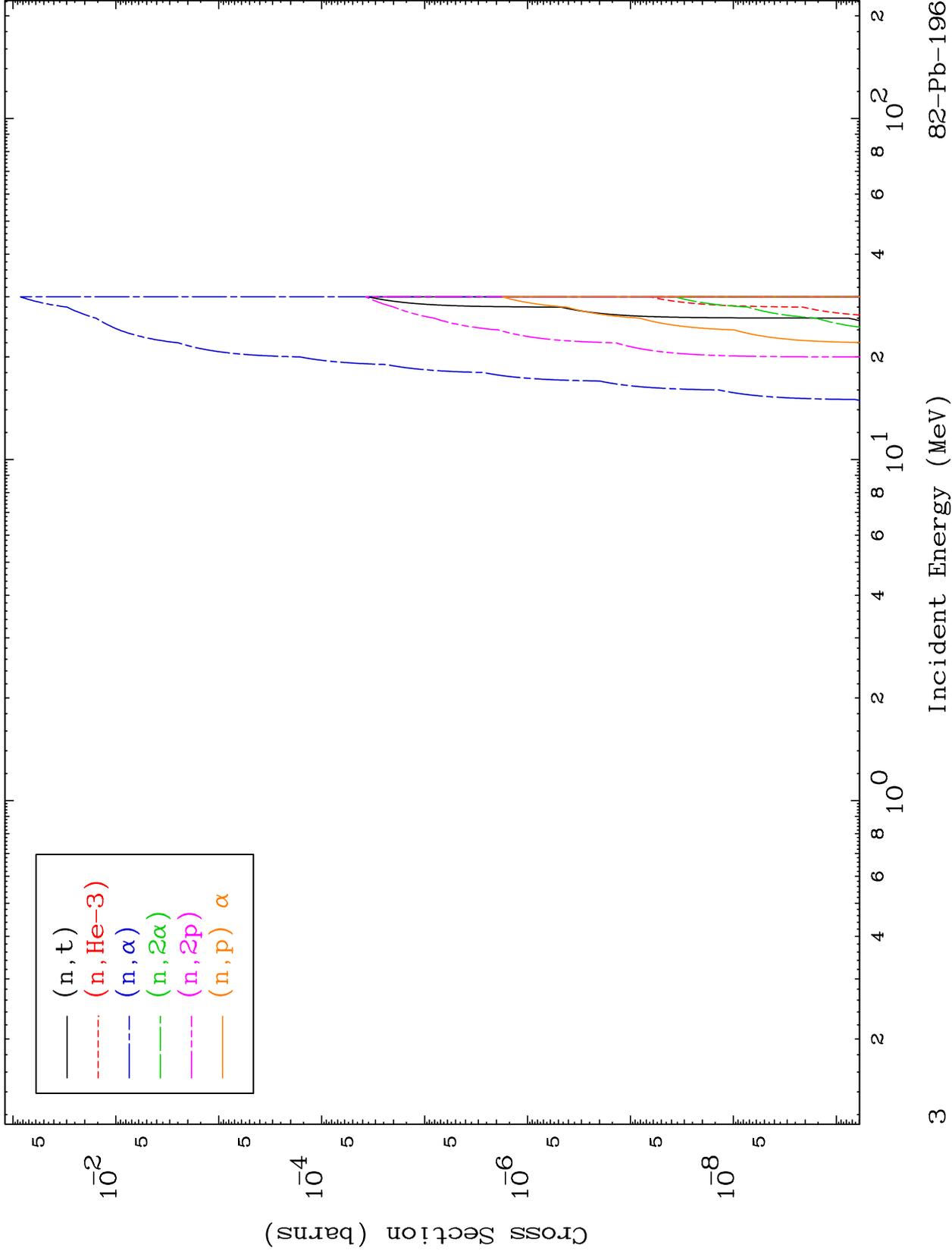
82-Pb-196



MAT 8201

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

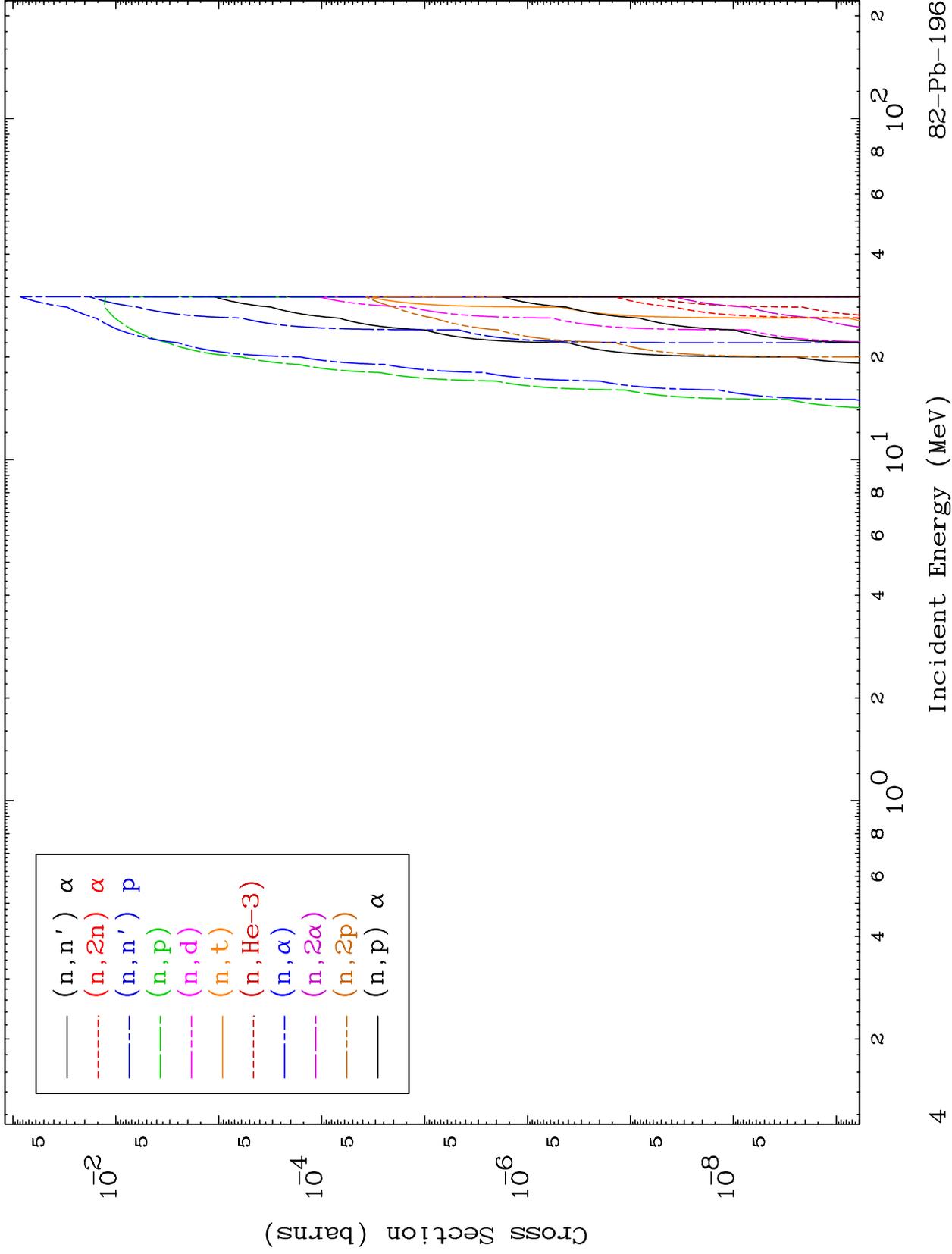
82-Pb-196



MAT 8201

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

82-Pb-196

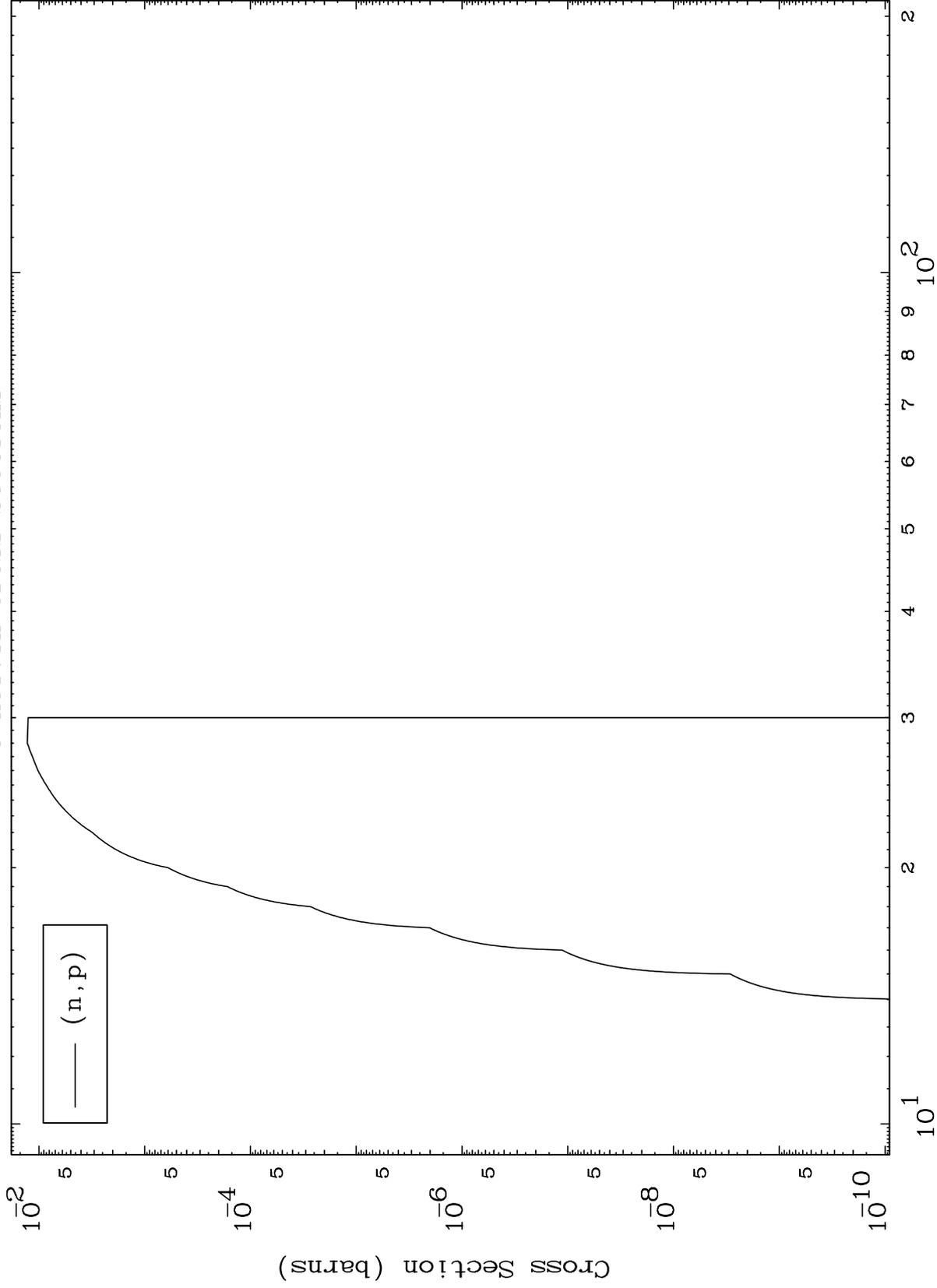


MAT 8201

( $\alpha, p$ ) Levels

82-Pb-196

0 Kelvin Cross Sections



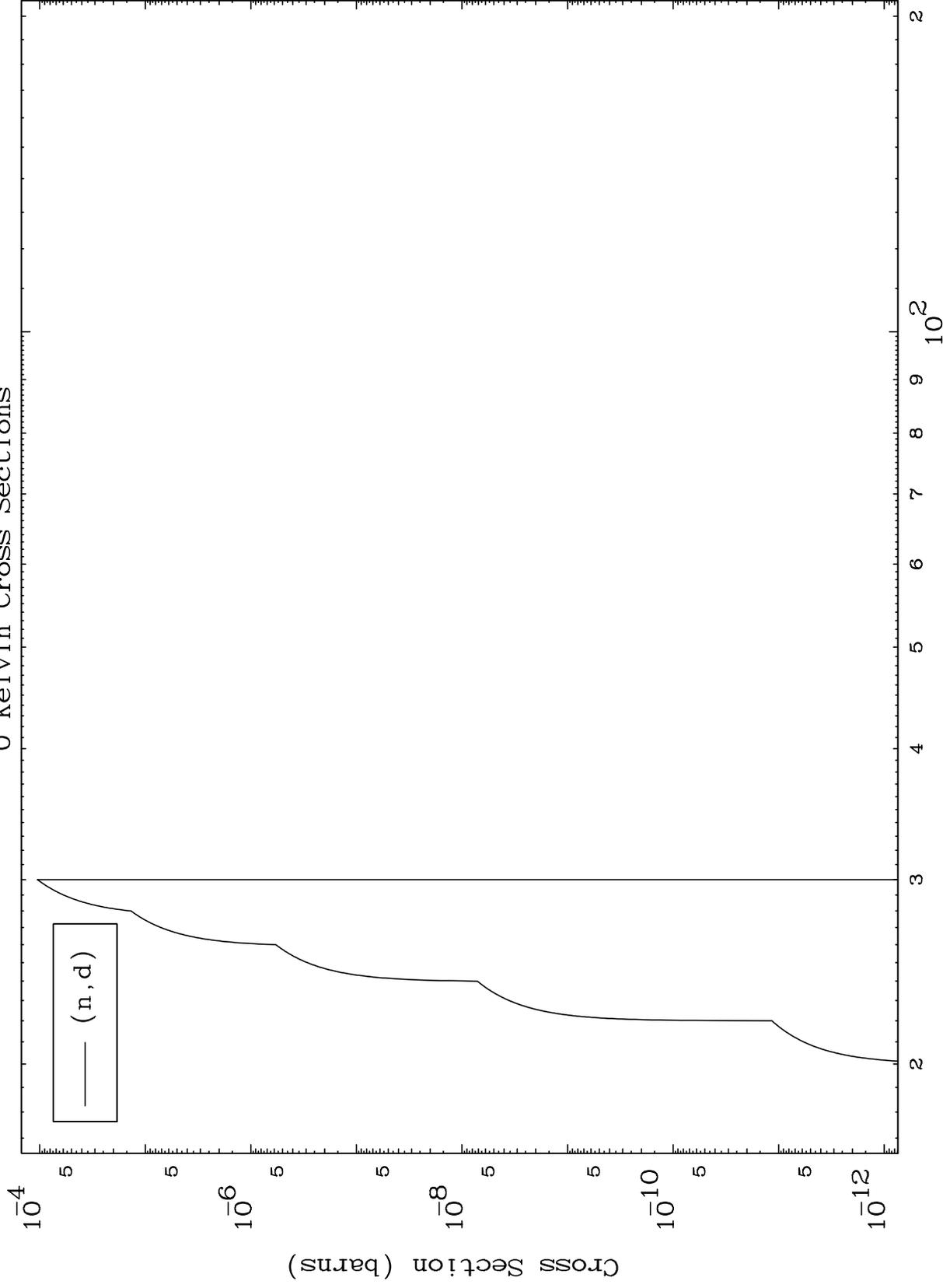
Incident Energy (MeV)

82-Pb-196

MAT 8201

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

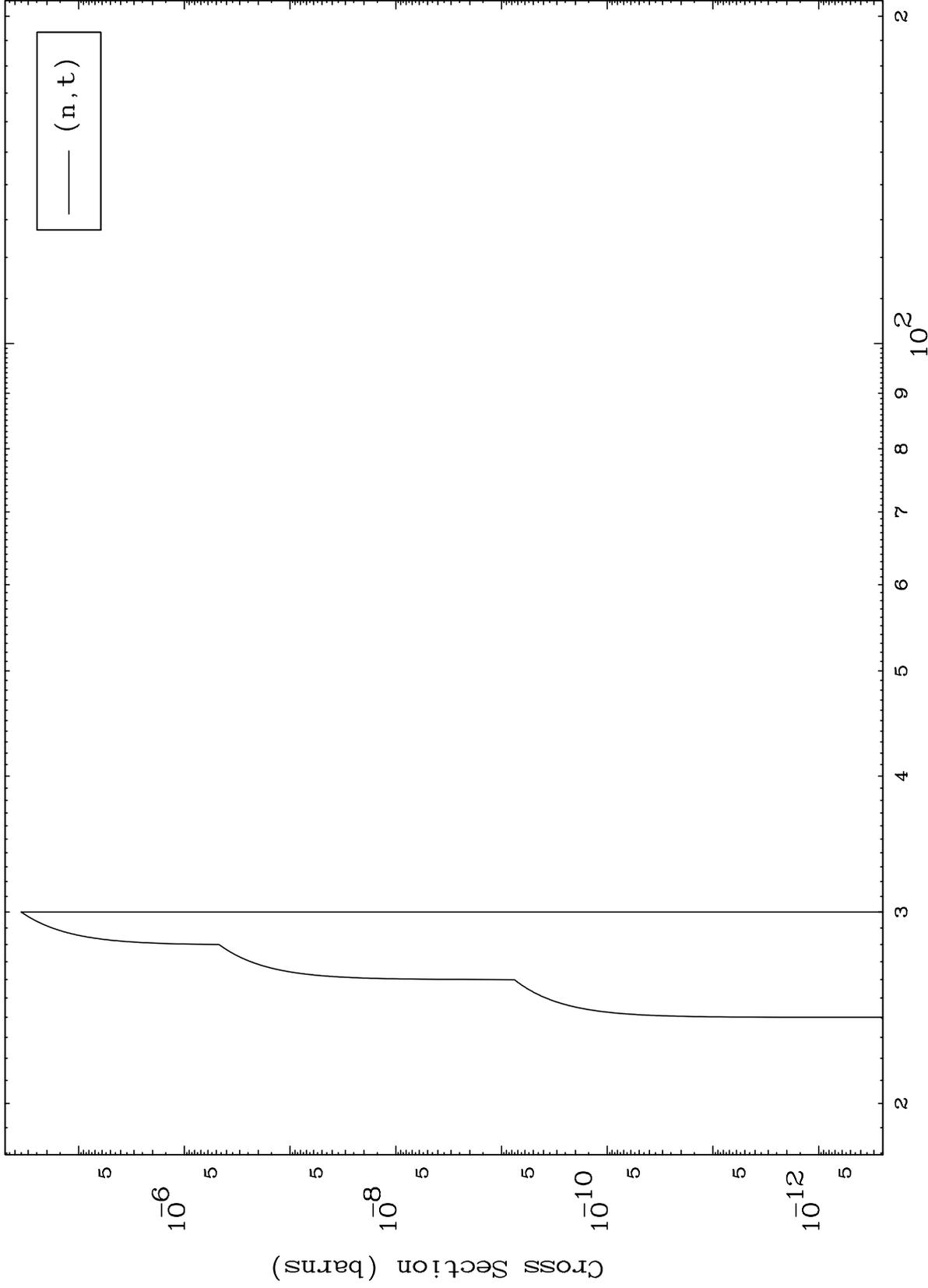
82-Pb-196

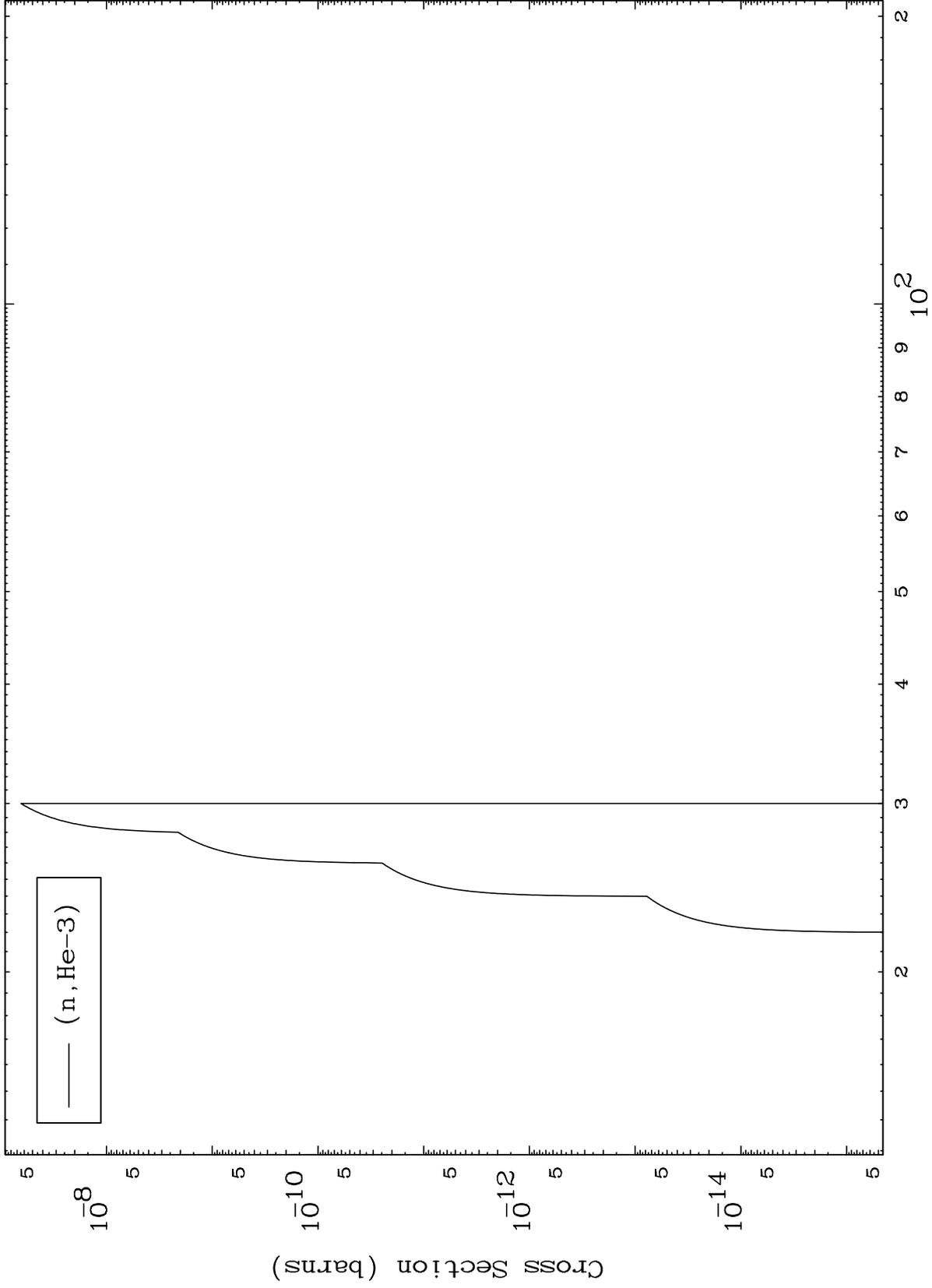


6

Incident Energy (MeV)

82-Pb-196



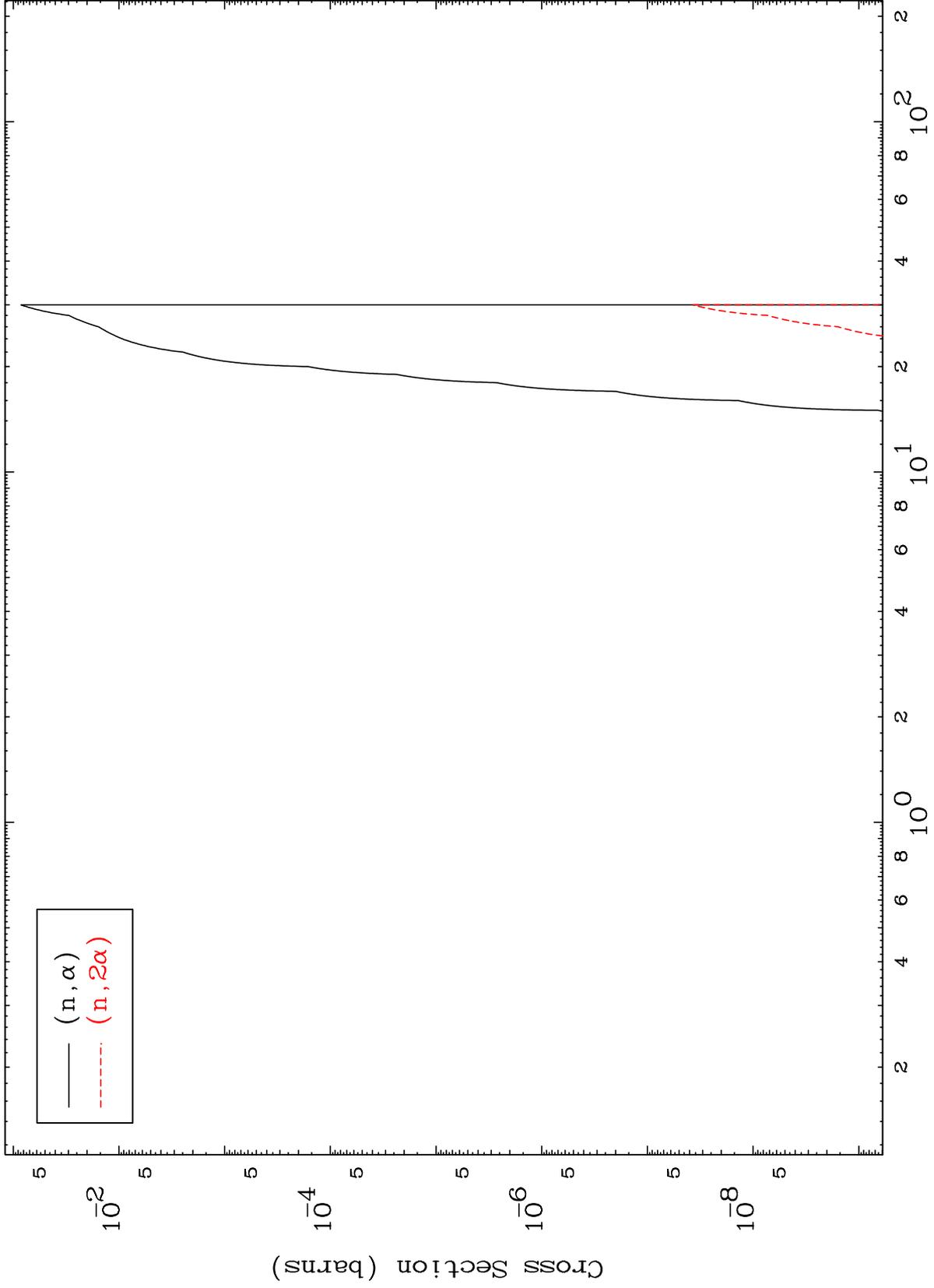


MAT 8201

( $\alpha, \alpha$ ) Levels

82-Pb-196

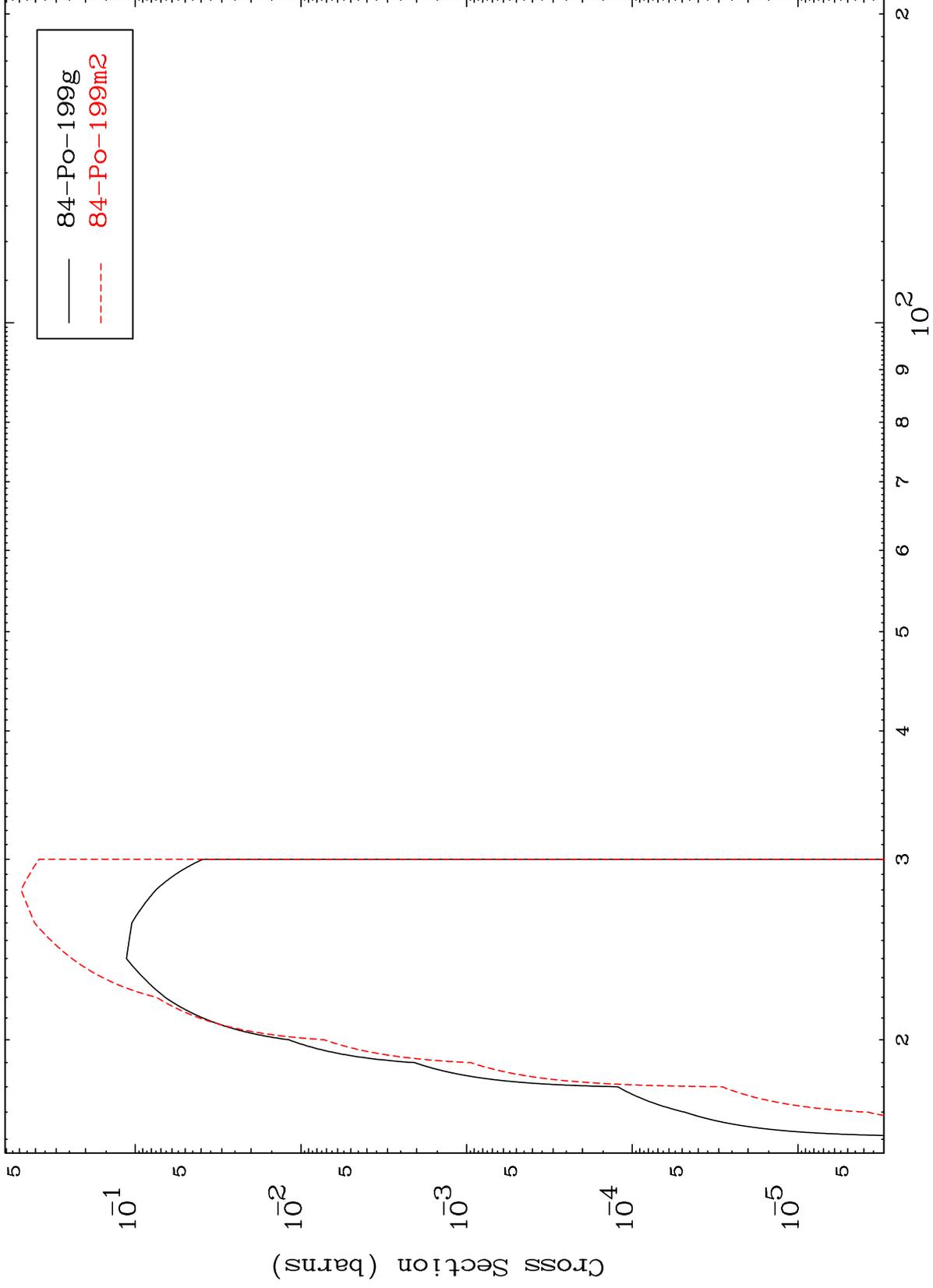
0 Kelvin Cross Sections



MAT 8201

82-Pb-196

Inelastic  
Radionuclide Production Cross Section



10

Incident Energy (MeV)

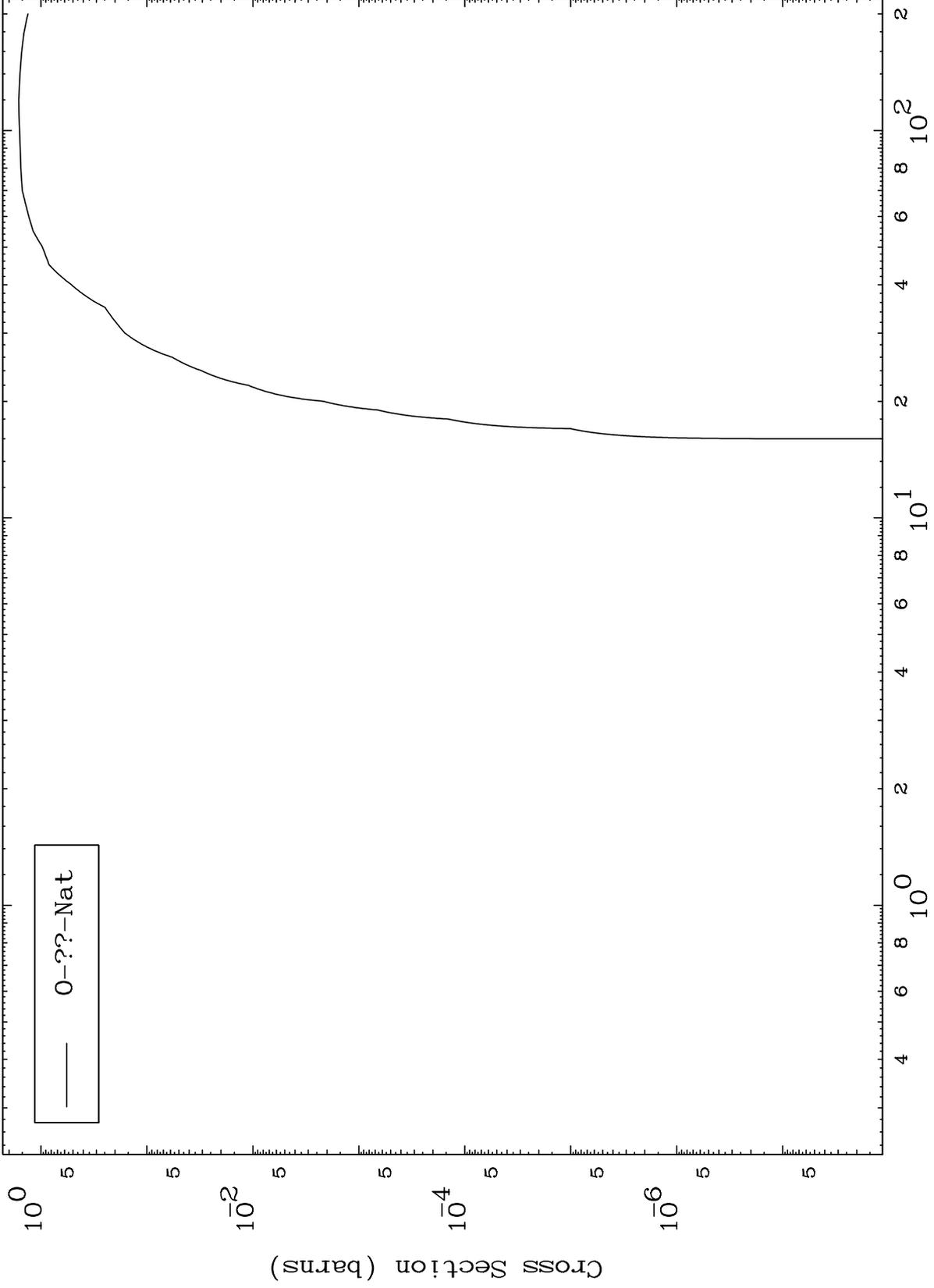
82-Pb-196

MAT 8201

Fission

82-Pb-196

Radionuclide Production Cross Section

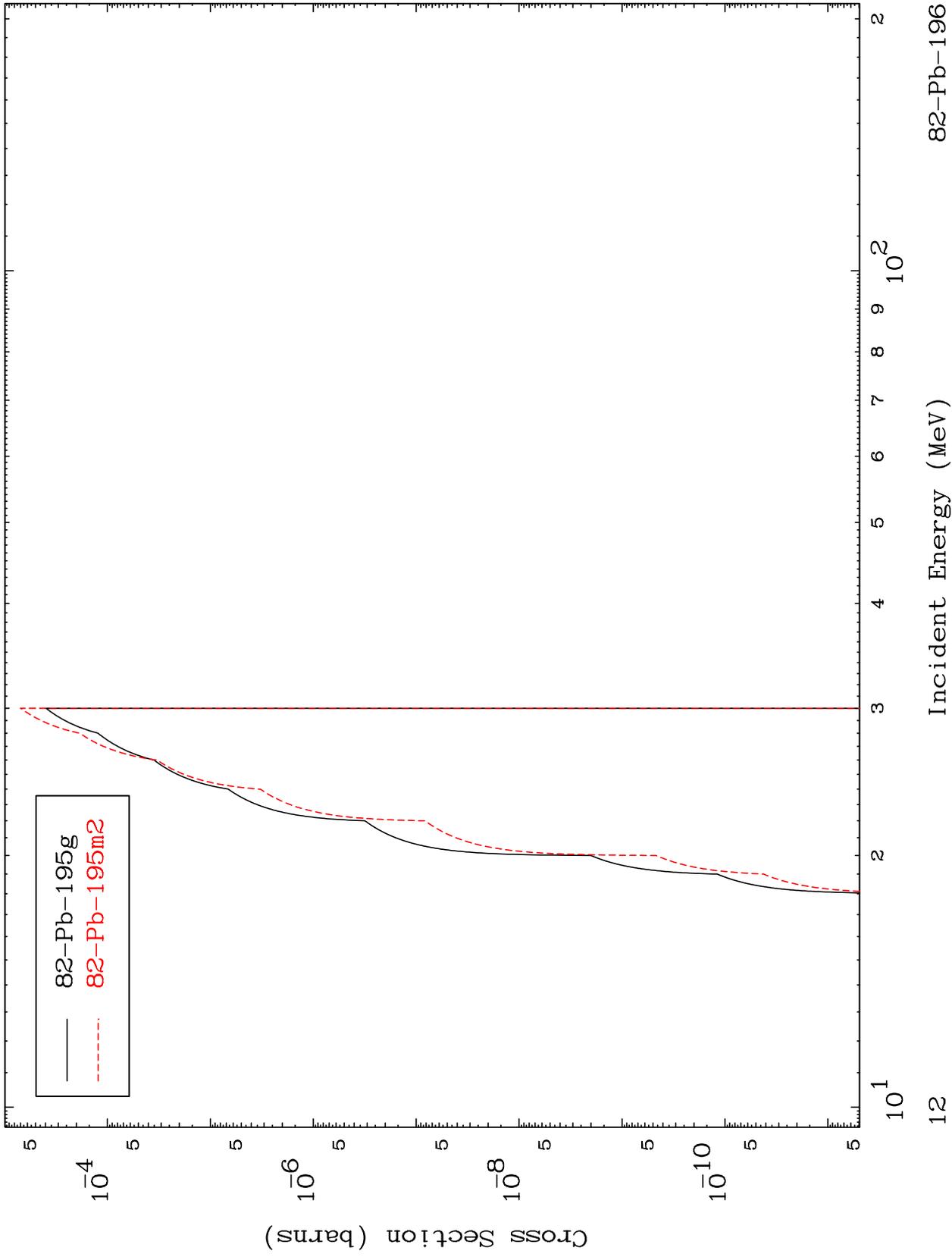


MAT 8201

$(n, n') \alpha$

82-Pb-196

Radionuclide Production Cross Section



Incident Energy (MeV)

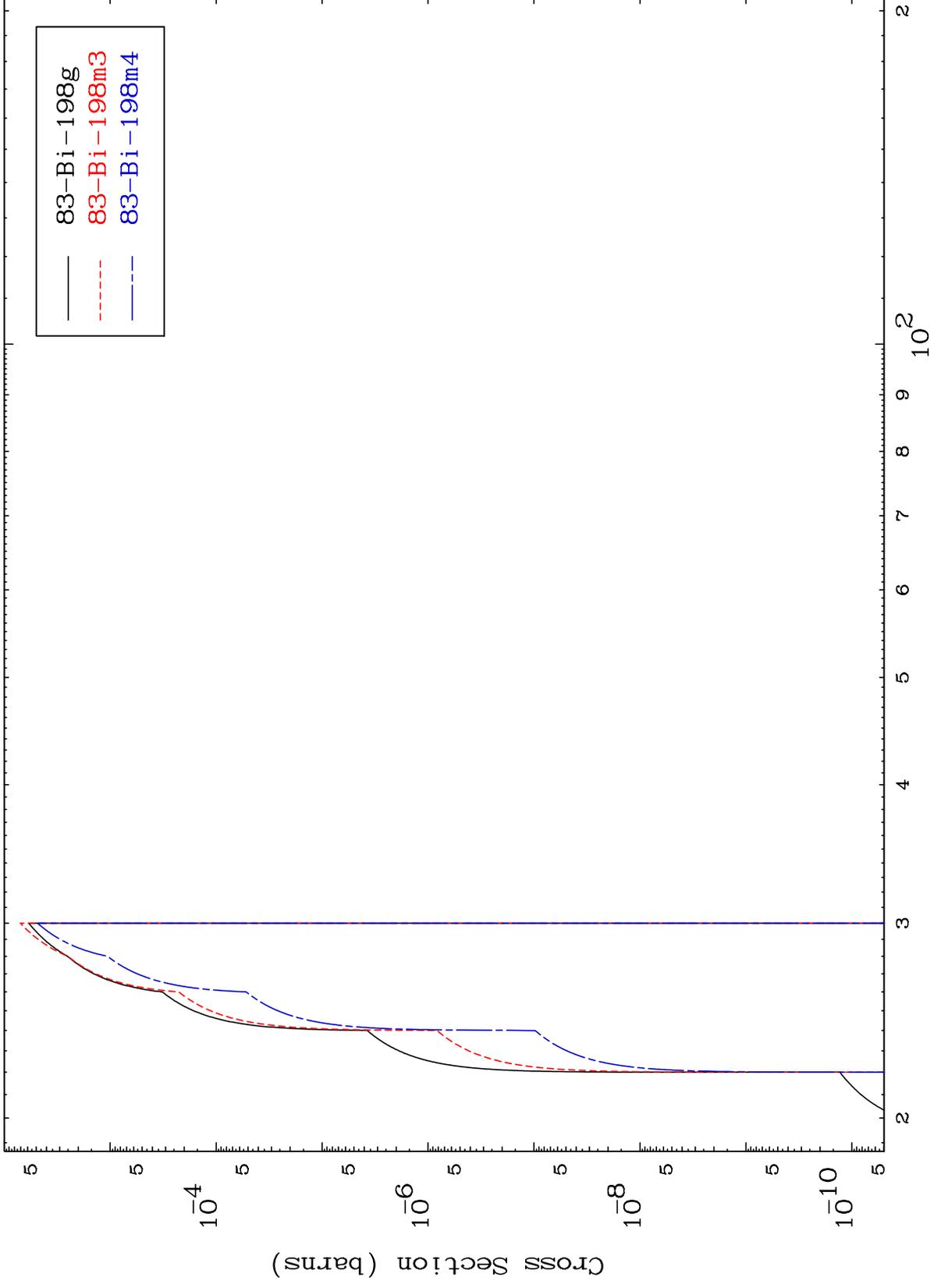
82-Pb-196

MAT 8201

(n,n') p

82-Pb-196

Radionuclide Production Cross Section



13

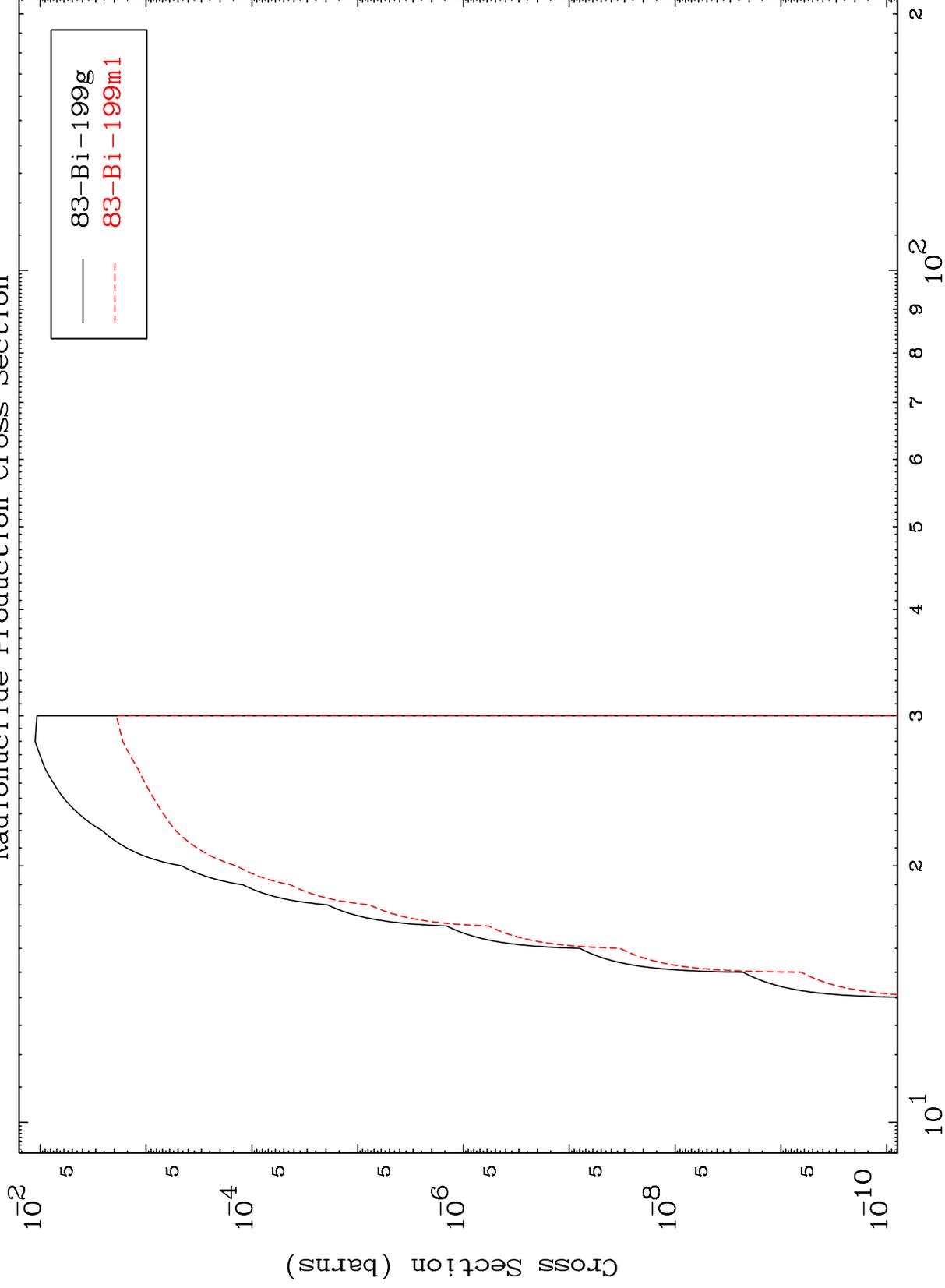
Incident Energy (MeV)

82-Pb-196

MAT 8201

82-Pb-196

(n,p)  
Radionuclide Production Cross Section



82-Pb-196

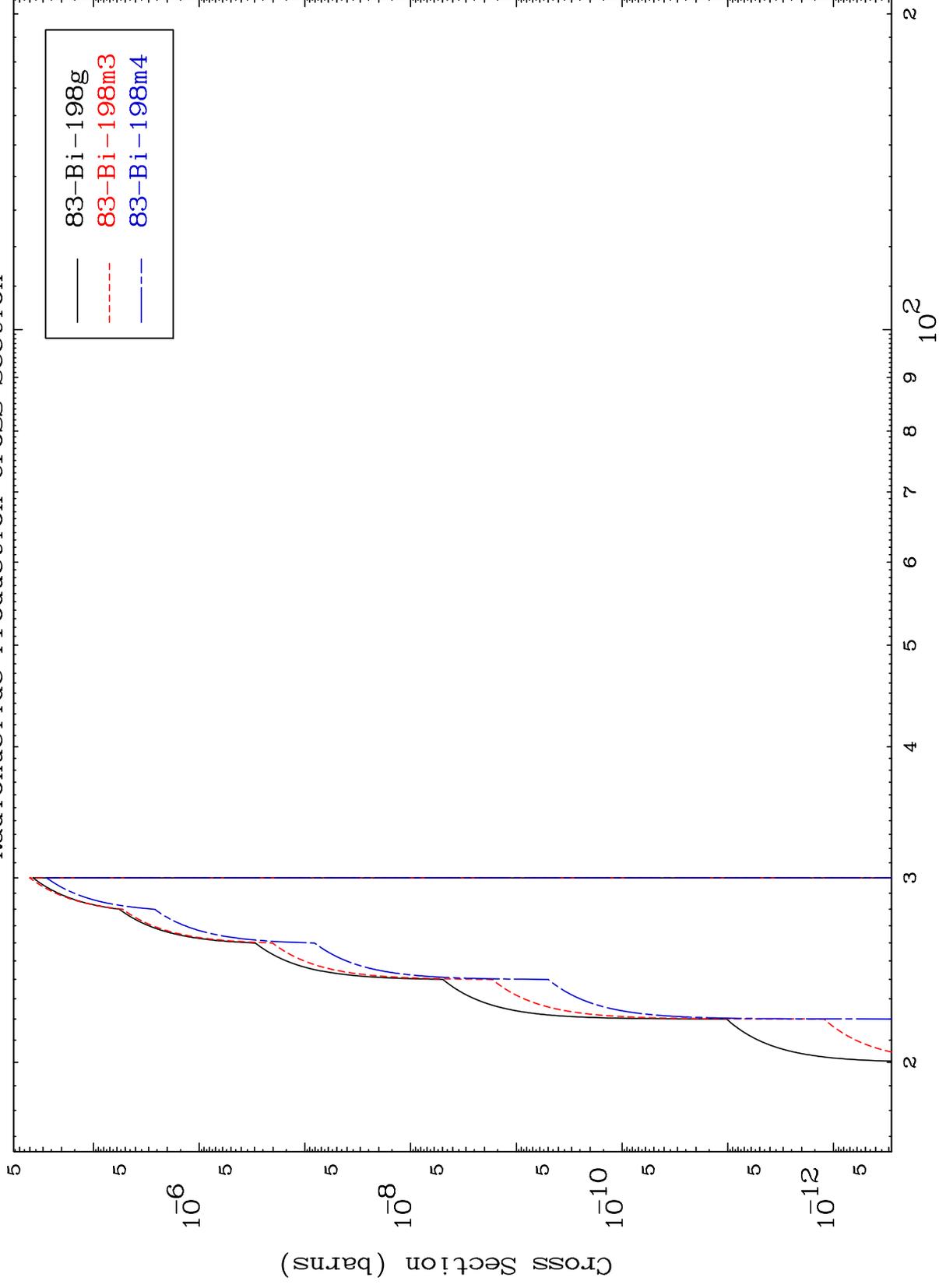
Incident Energy (MeV)

14

MAT 8201

82-Pb-196

(n,d)  
Radionuclide Production Cross Section

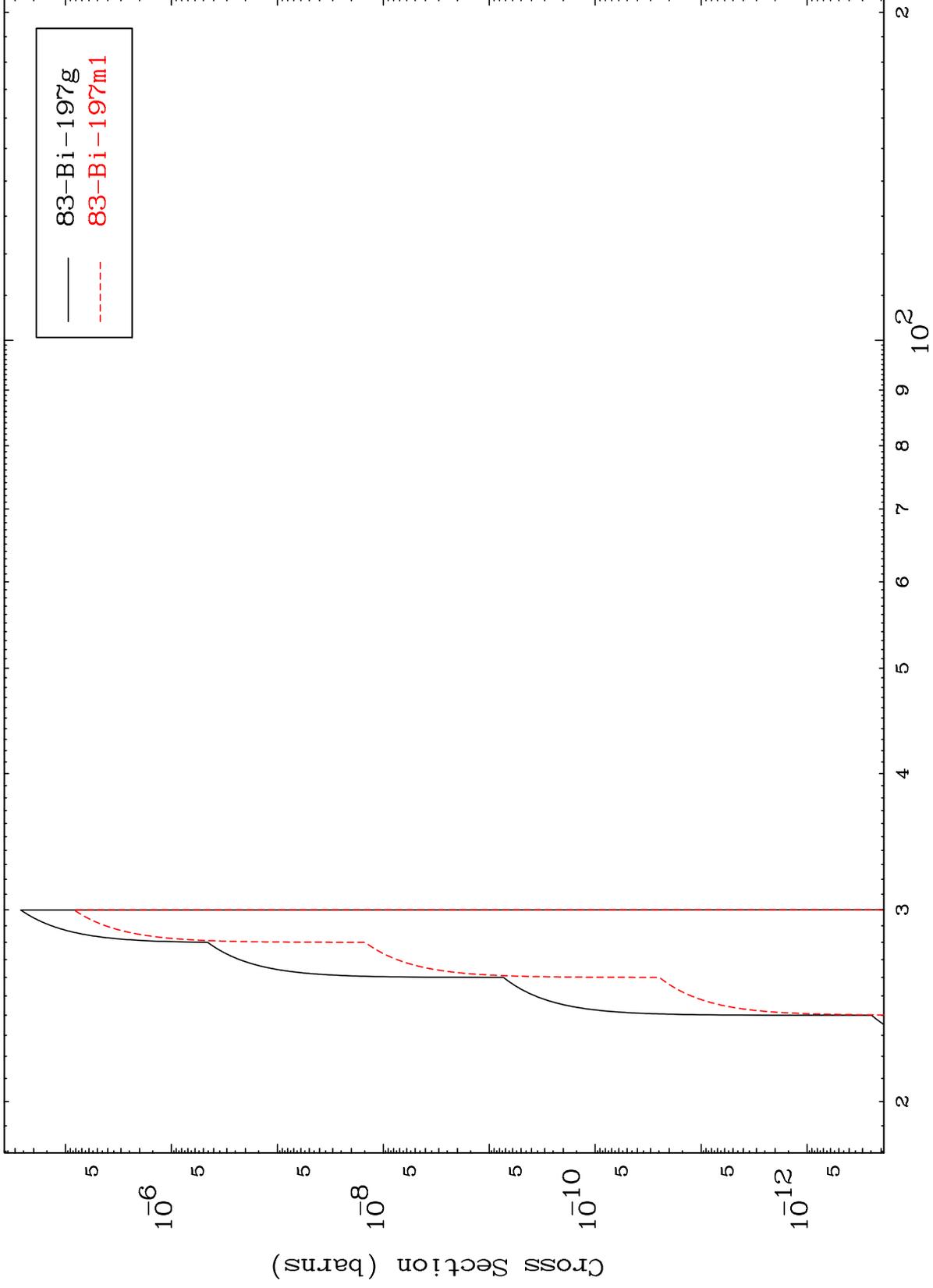


15

Incident Energy (MeV)

82-Pb-196

(n,t)  
Radionuclide Production Cross Section

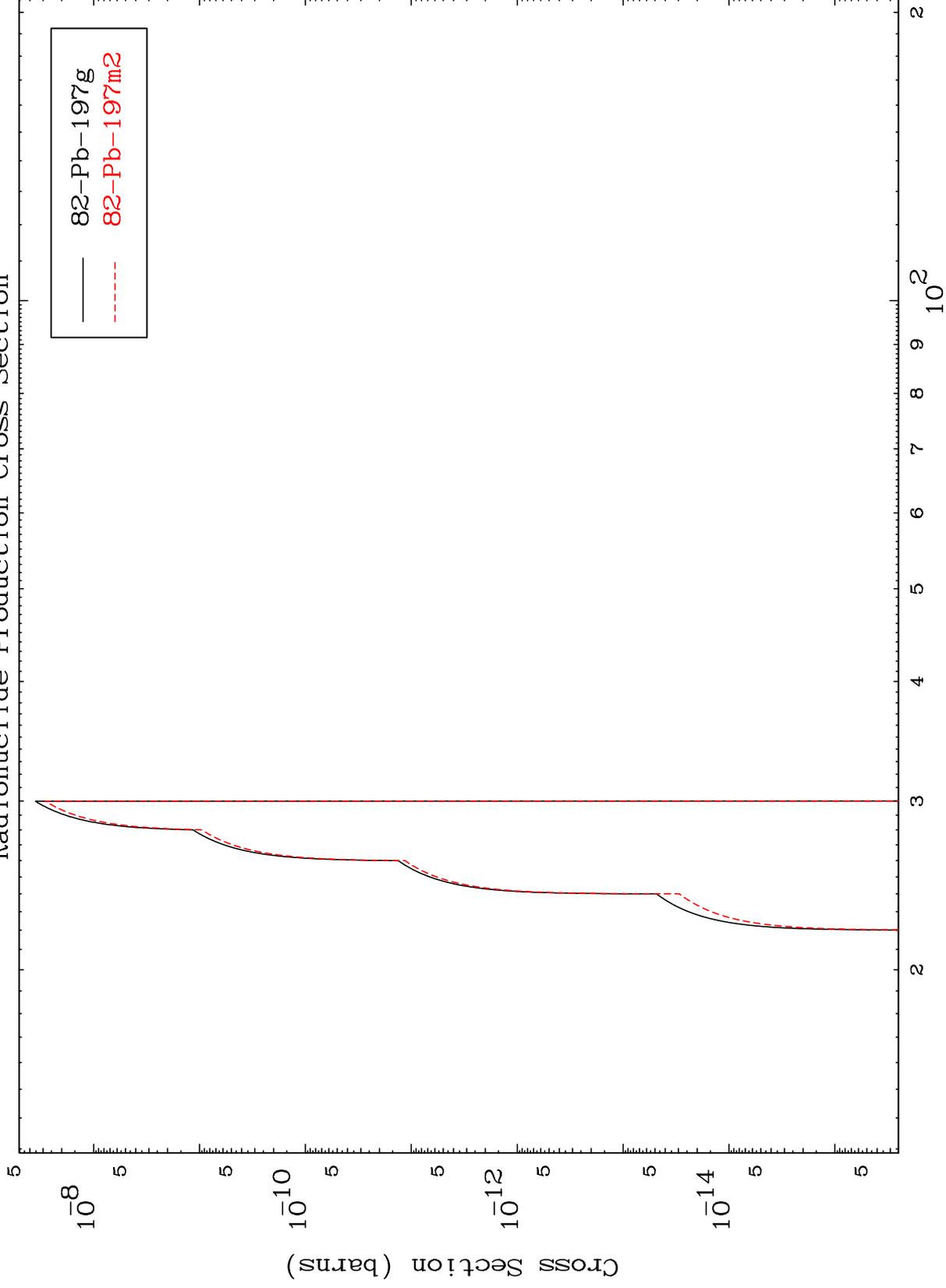


MAT 8201

(n,He-3)

82-Pb-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

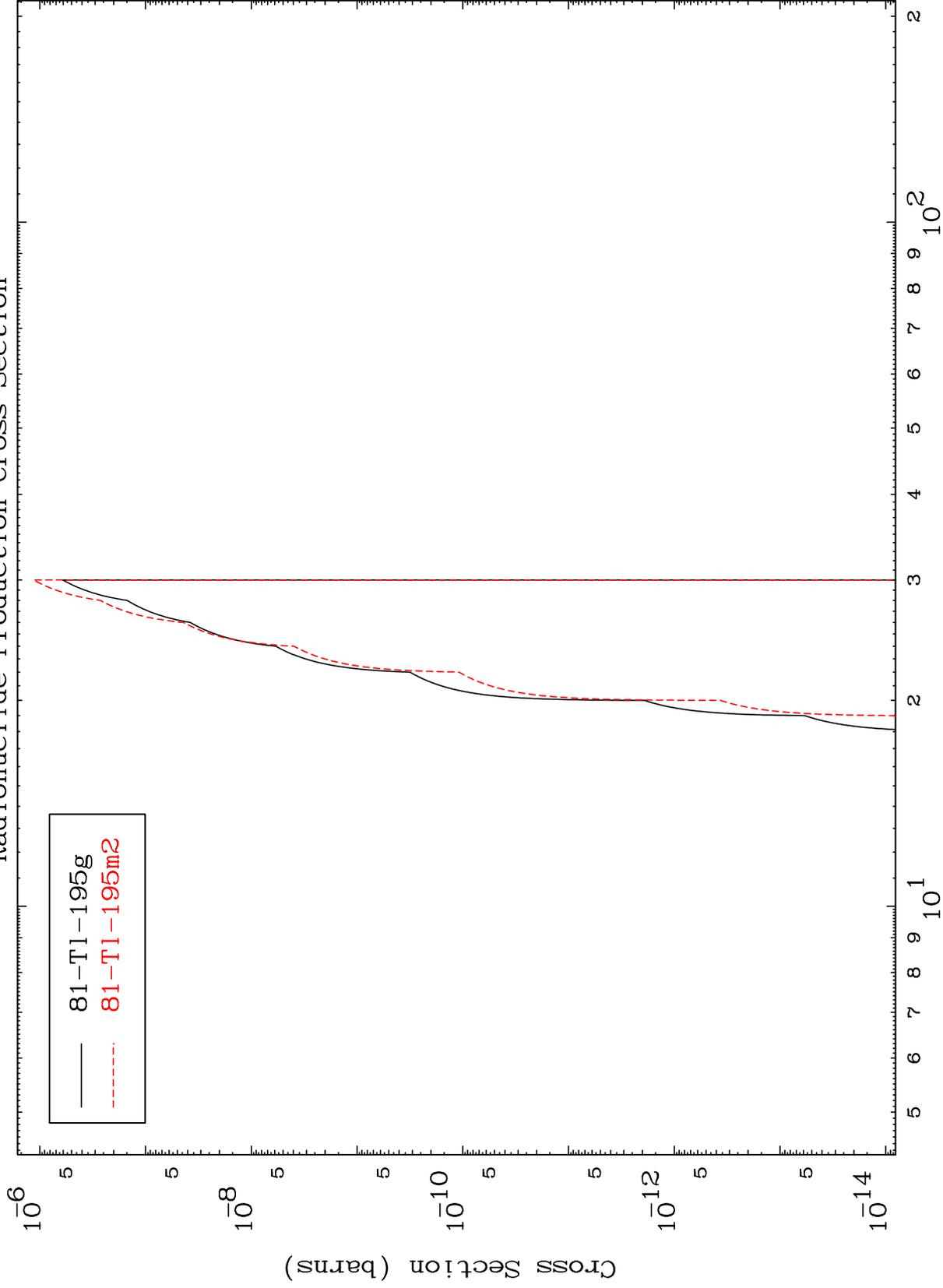
82-Pb-196

MAT 8201

82-Pb-196

(n,p)  $\alpha$

Radionuclide Production Cross Section



18

Incident Energy (MeV)

82-Pb-196