

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

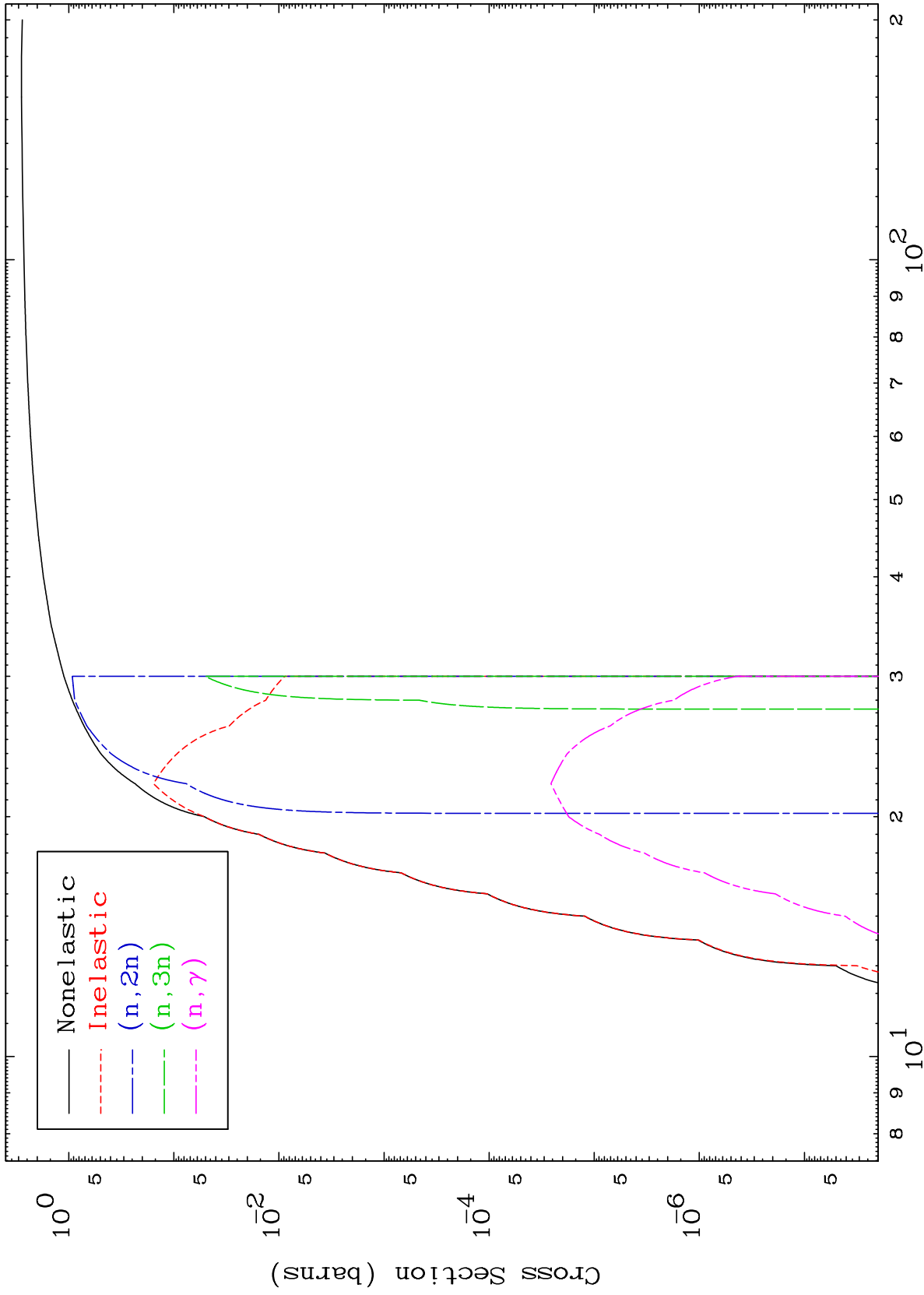
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8234

0 Kelvin  $\alpha$  Major  
Cross Sections

82-Pb-207



1

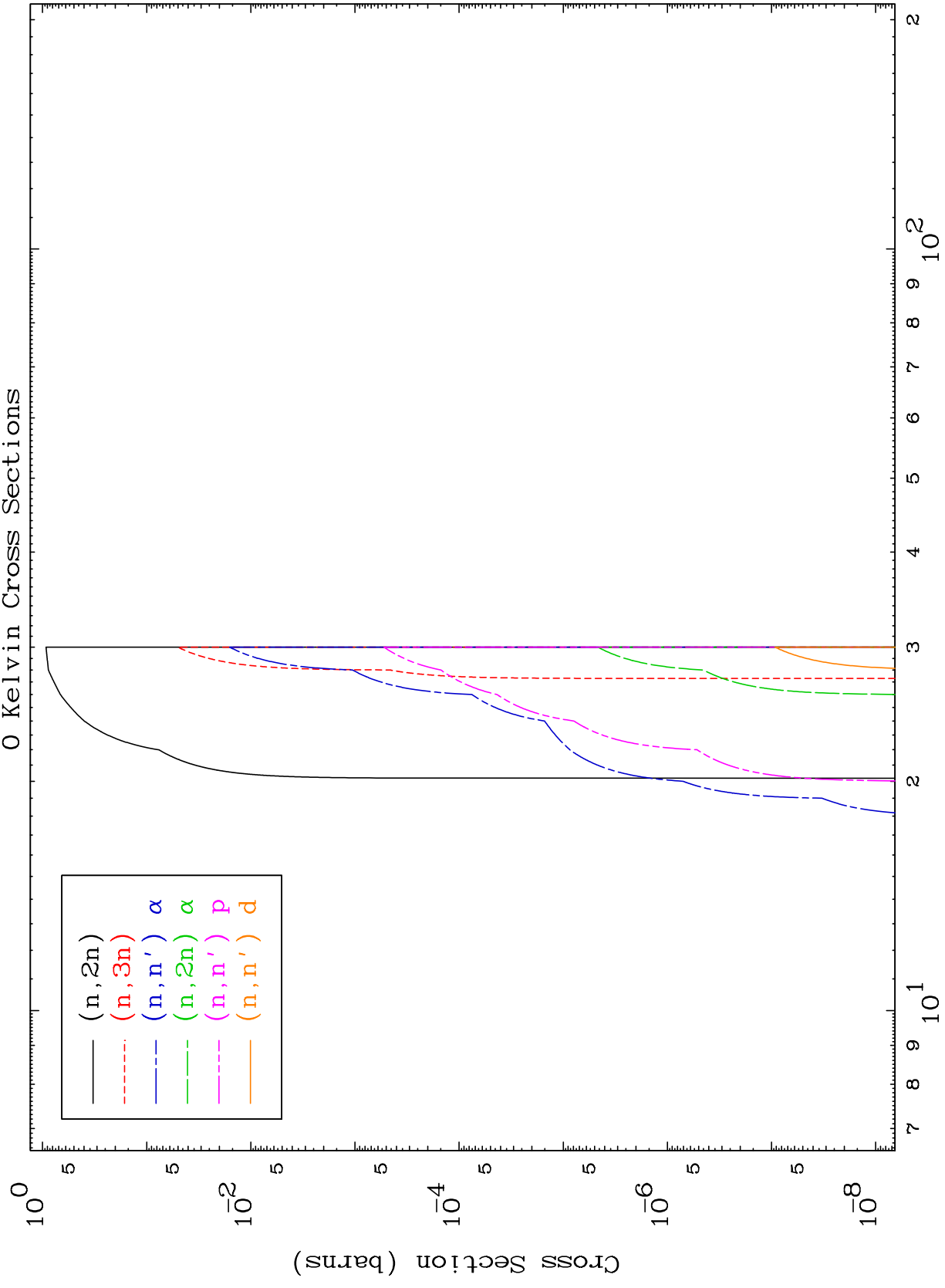
Incident Energy (MeV)

82-Pb-207

MAT 8234

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-207



2

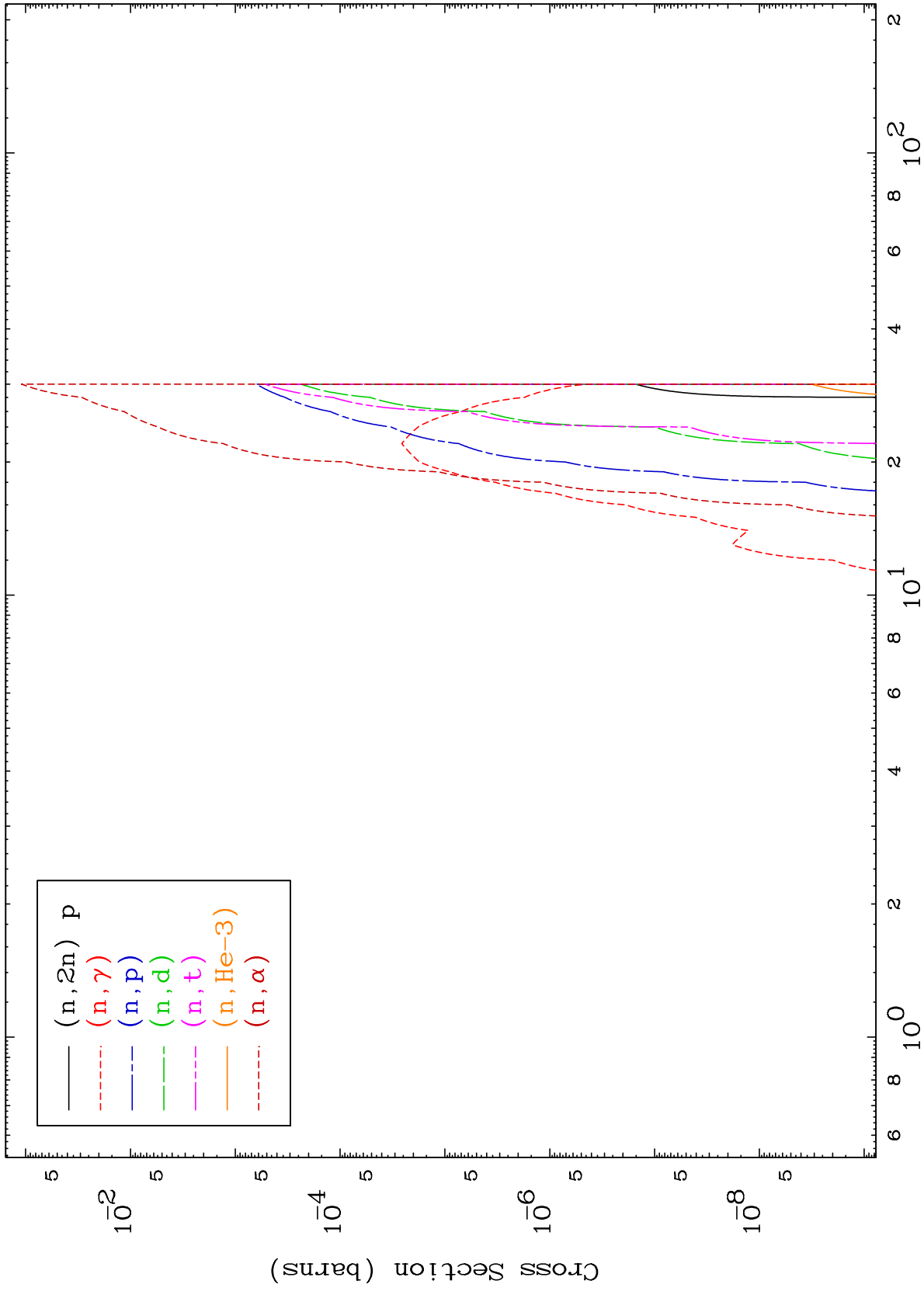
Incident Energy (MeV)

82-Pb-207

MAT 8234

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-207



3

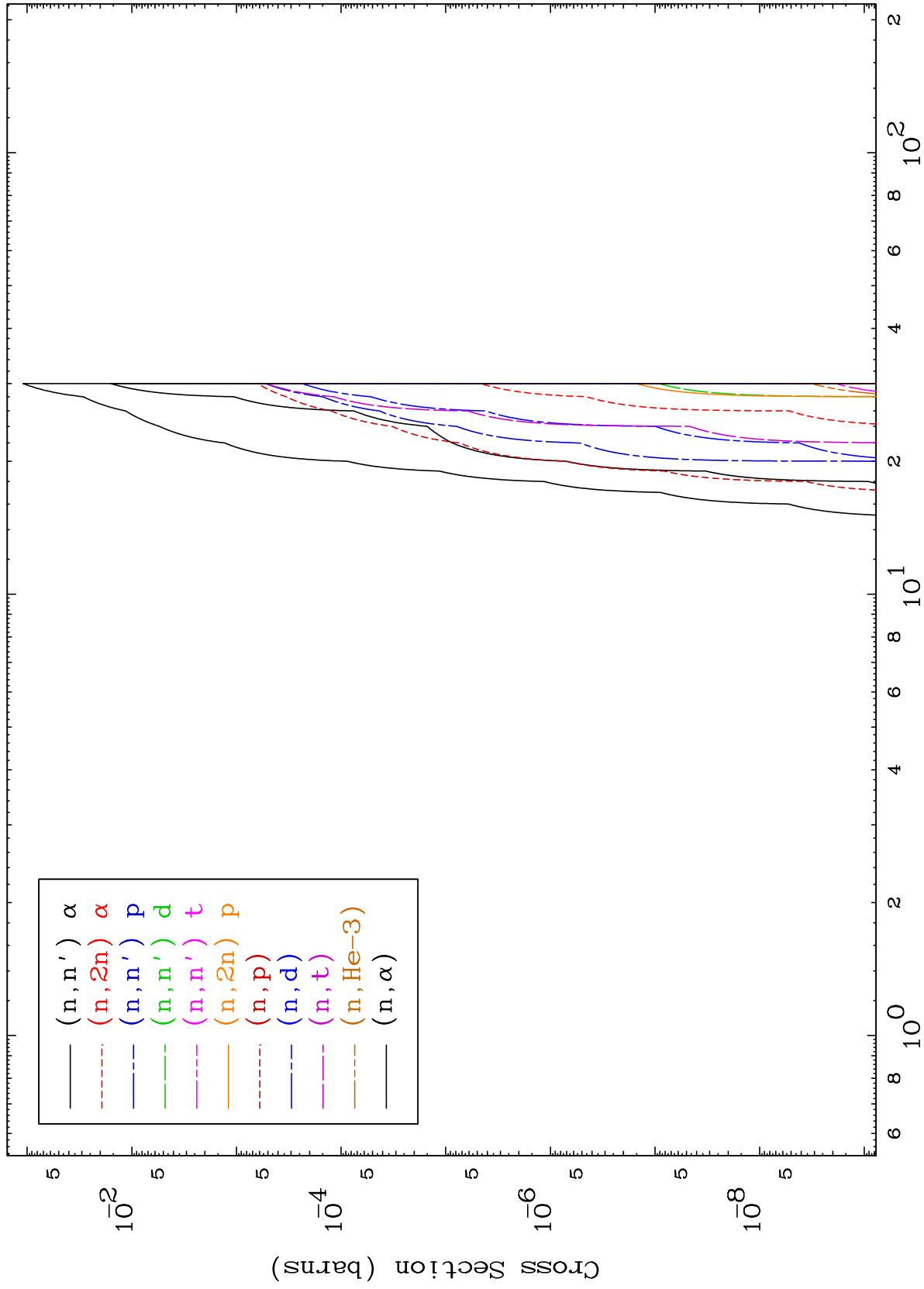
Incident Energy (MeV)

82-Pb-207

MAT 8234

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

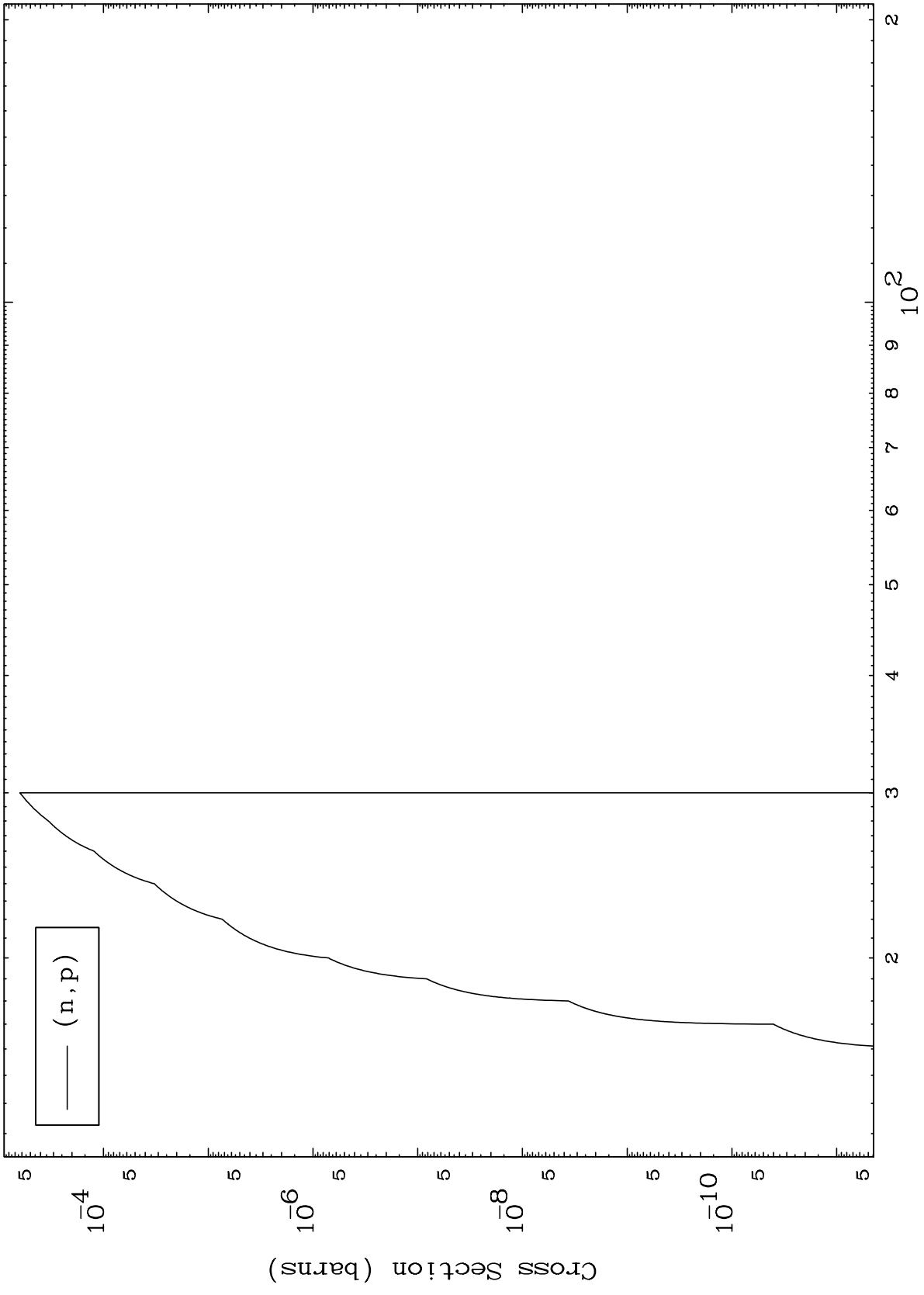
82-Pb-207



4

Incident Energy (MeV)

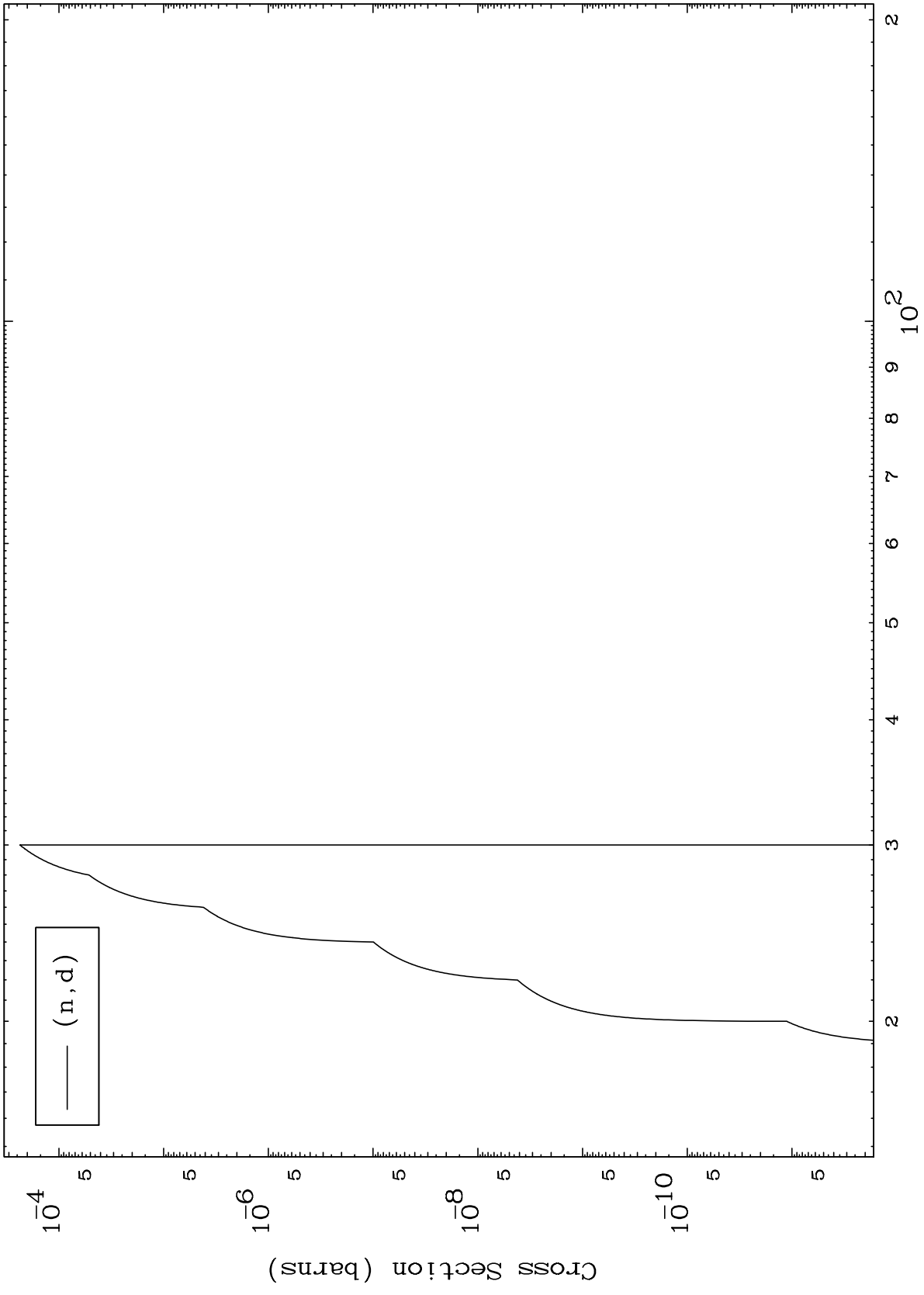
82-Pb-207



MAT 8234

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

82-Pb-207



6

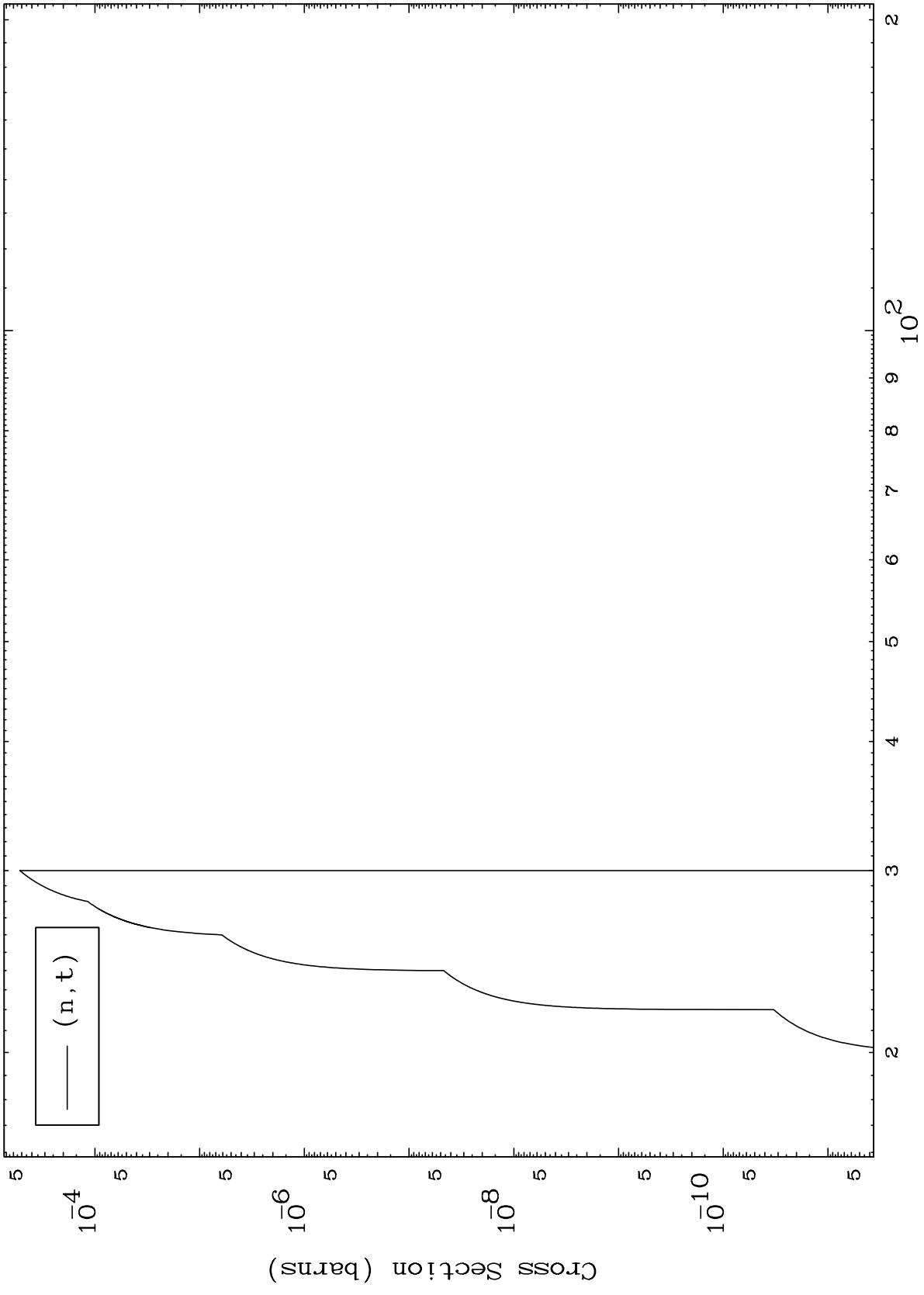
Incident Energy (MeV)

82-Pb-207

MAT 8234

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

82-Pb-207

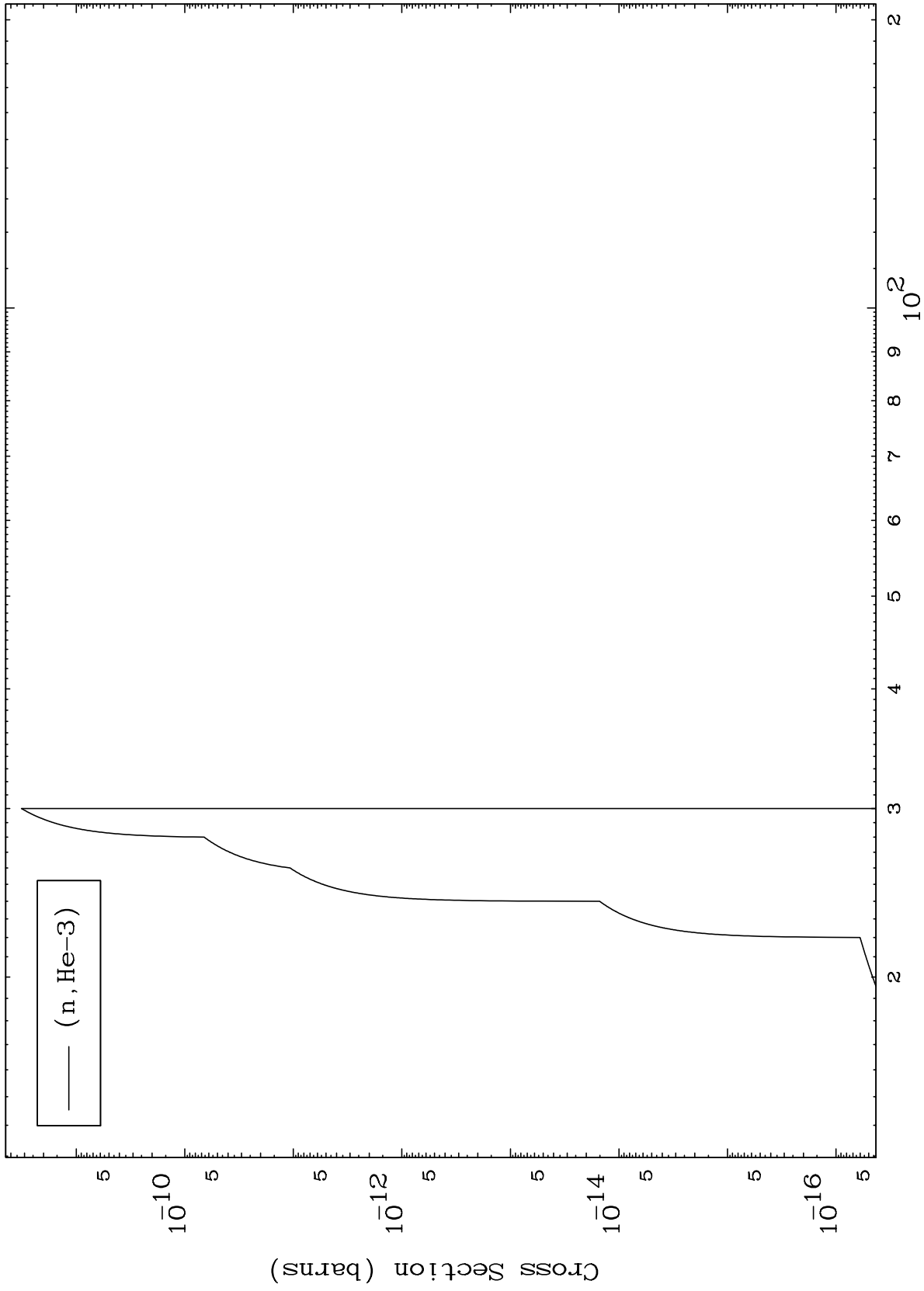


7

Incident Energy (MeV)

82-Pb-207

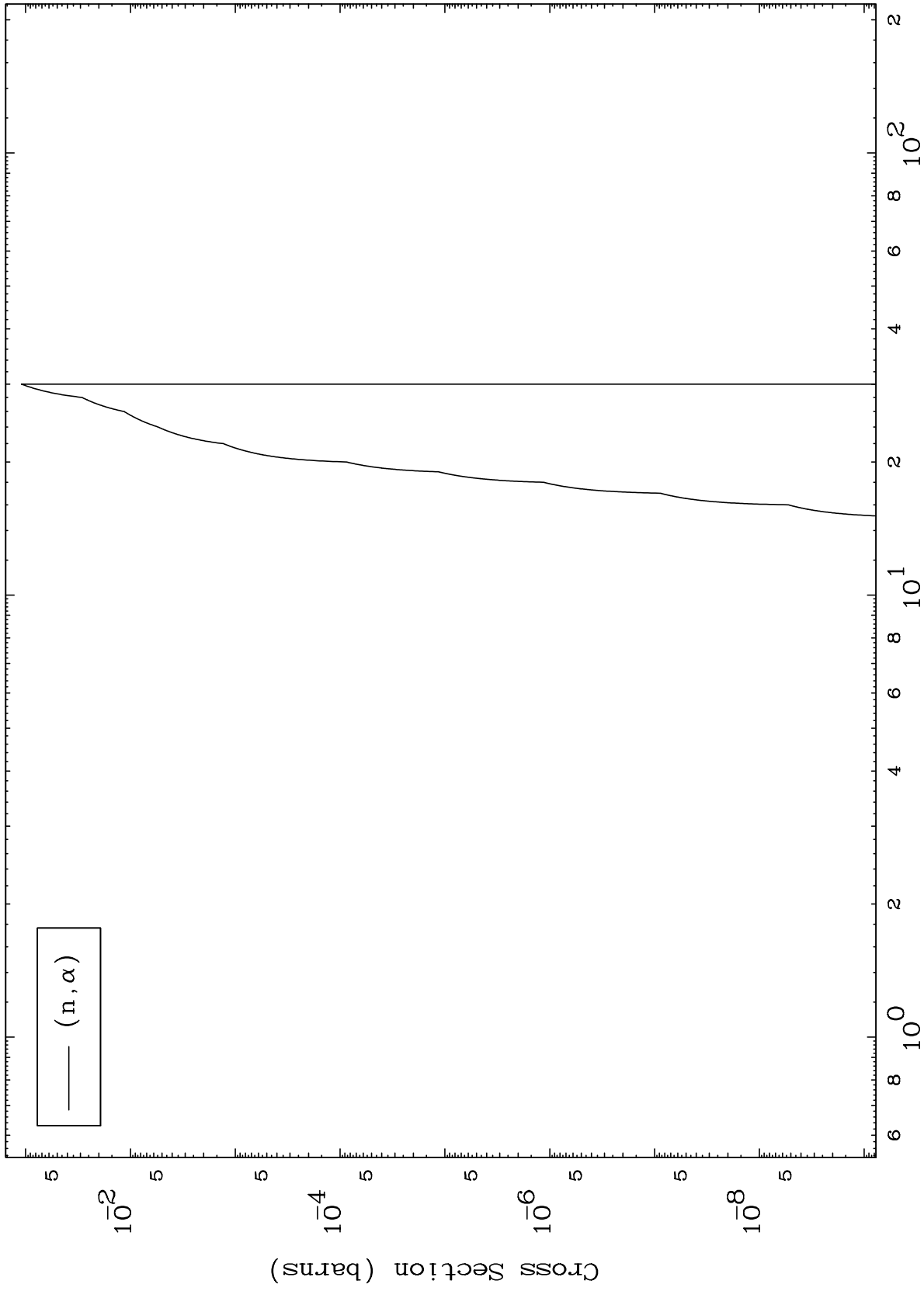




MAT 8234

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

82-Pb-207



9

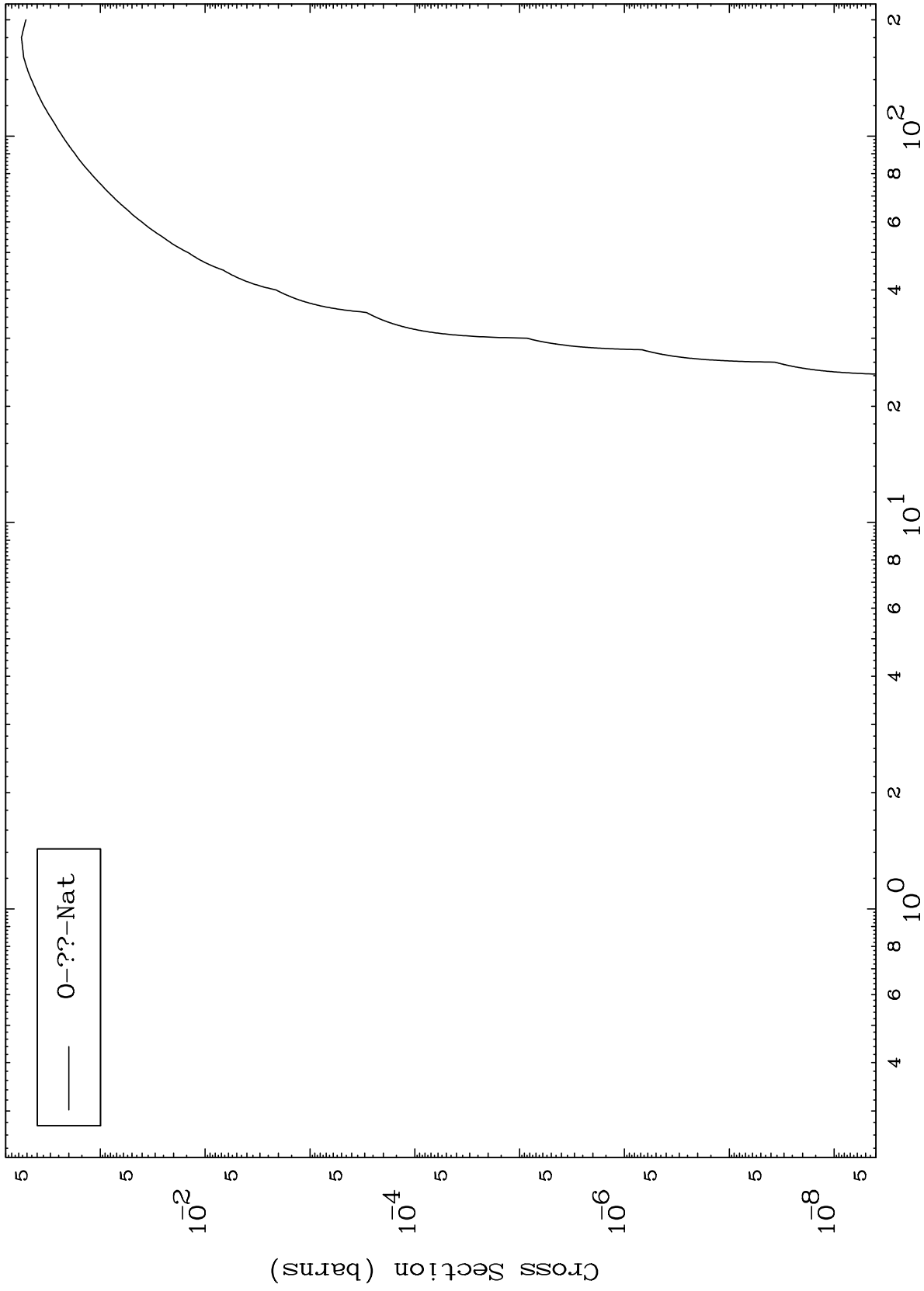
Incident Energy (MeV)

82-Pb-207

MAT 8234

Fission  
Radionuclide Production Cross Section

82-Pb-207



10

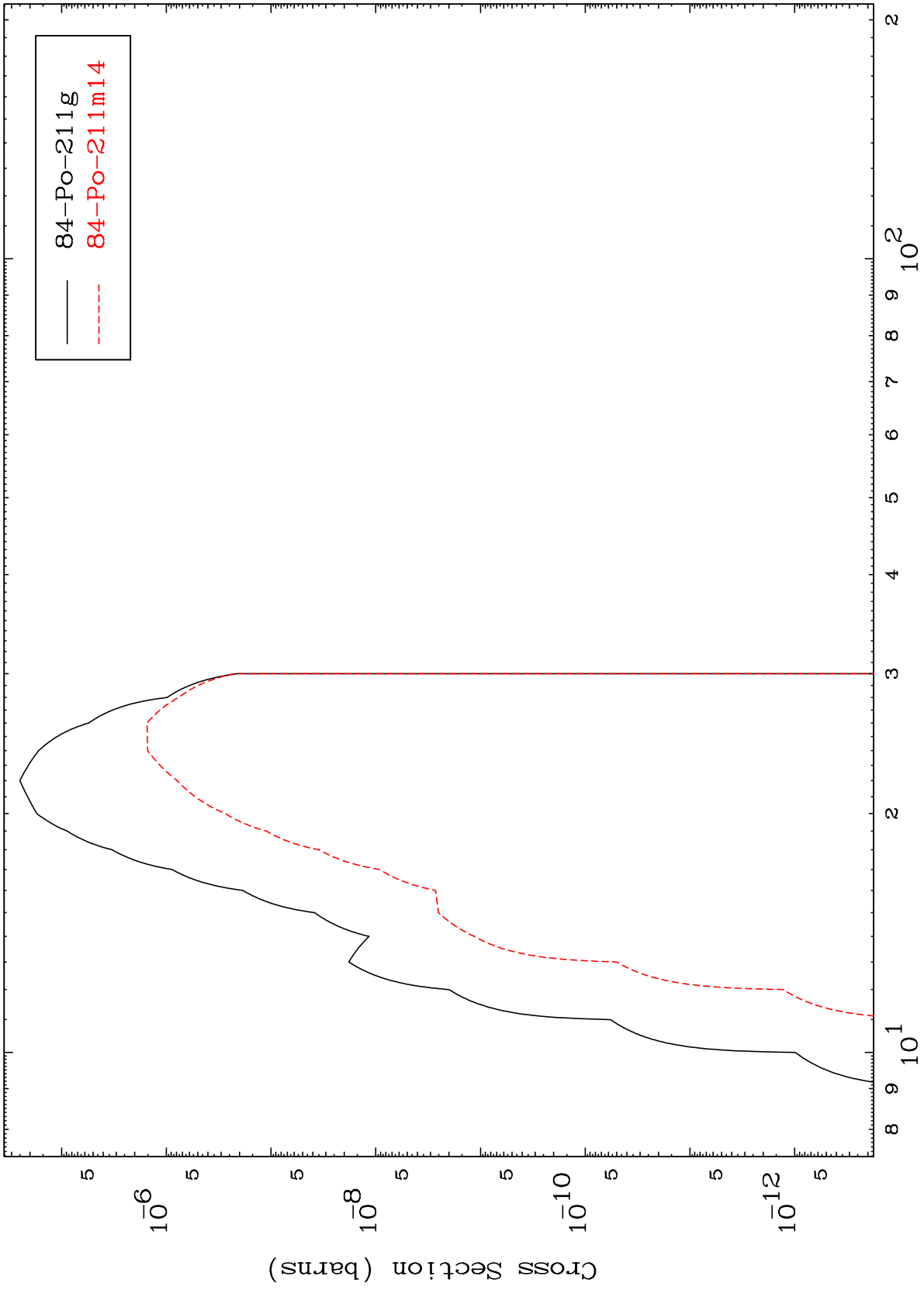
Incident Energy (MeV)

82-Pb-207

MAT 8234

82-Pb-207

Radionuclide Production Cross Section  
(n,γ)



11

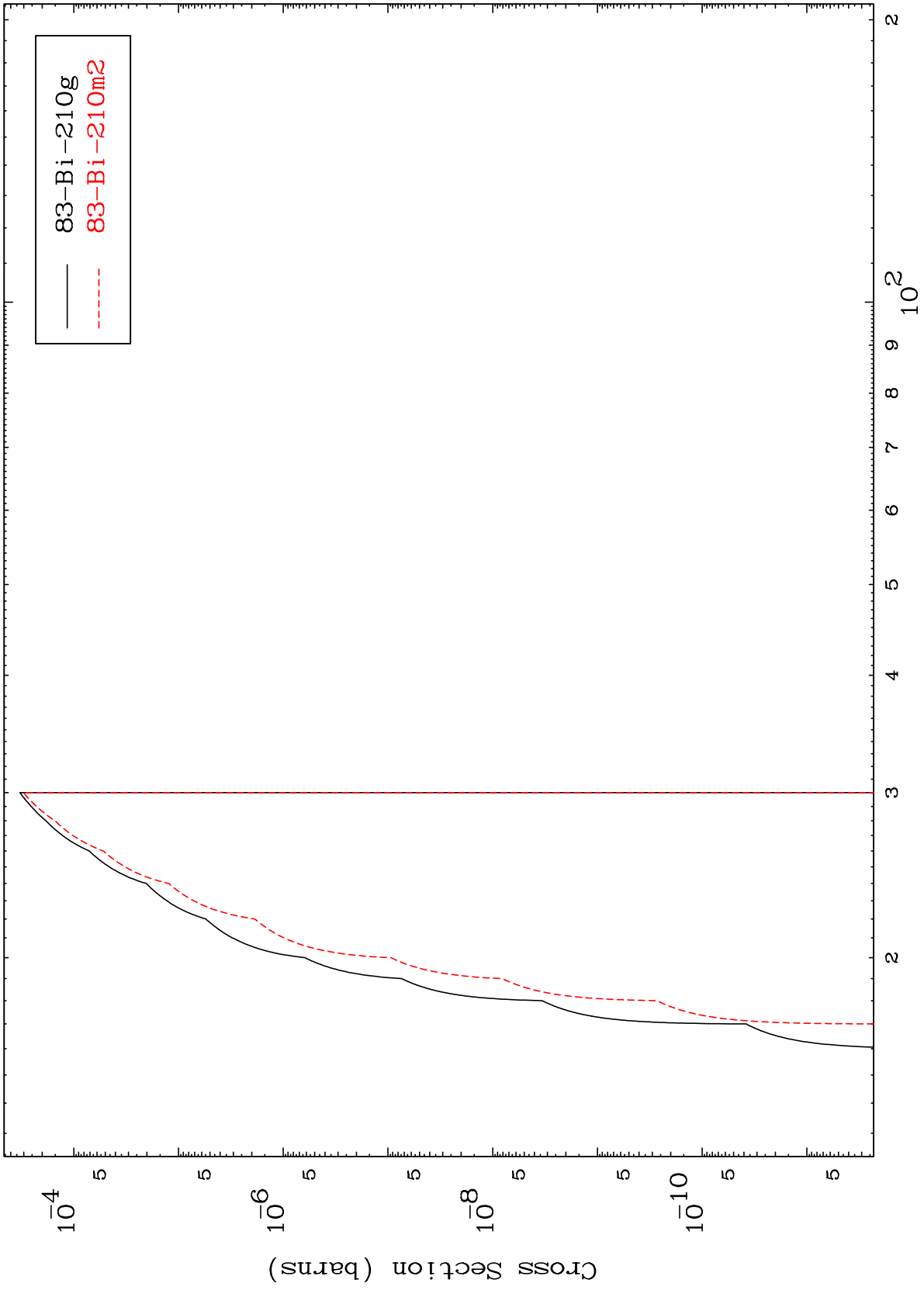
Incident Energy (MeV)

82-Pb-207

MAT 8234

82-Pb-207

(n,p)  
Radionuclide Production Cross Section



12

82-Pb-207

MAT 8234

82-Pb-207

Radionuclide Production Cross Section

