

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

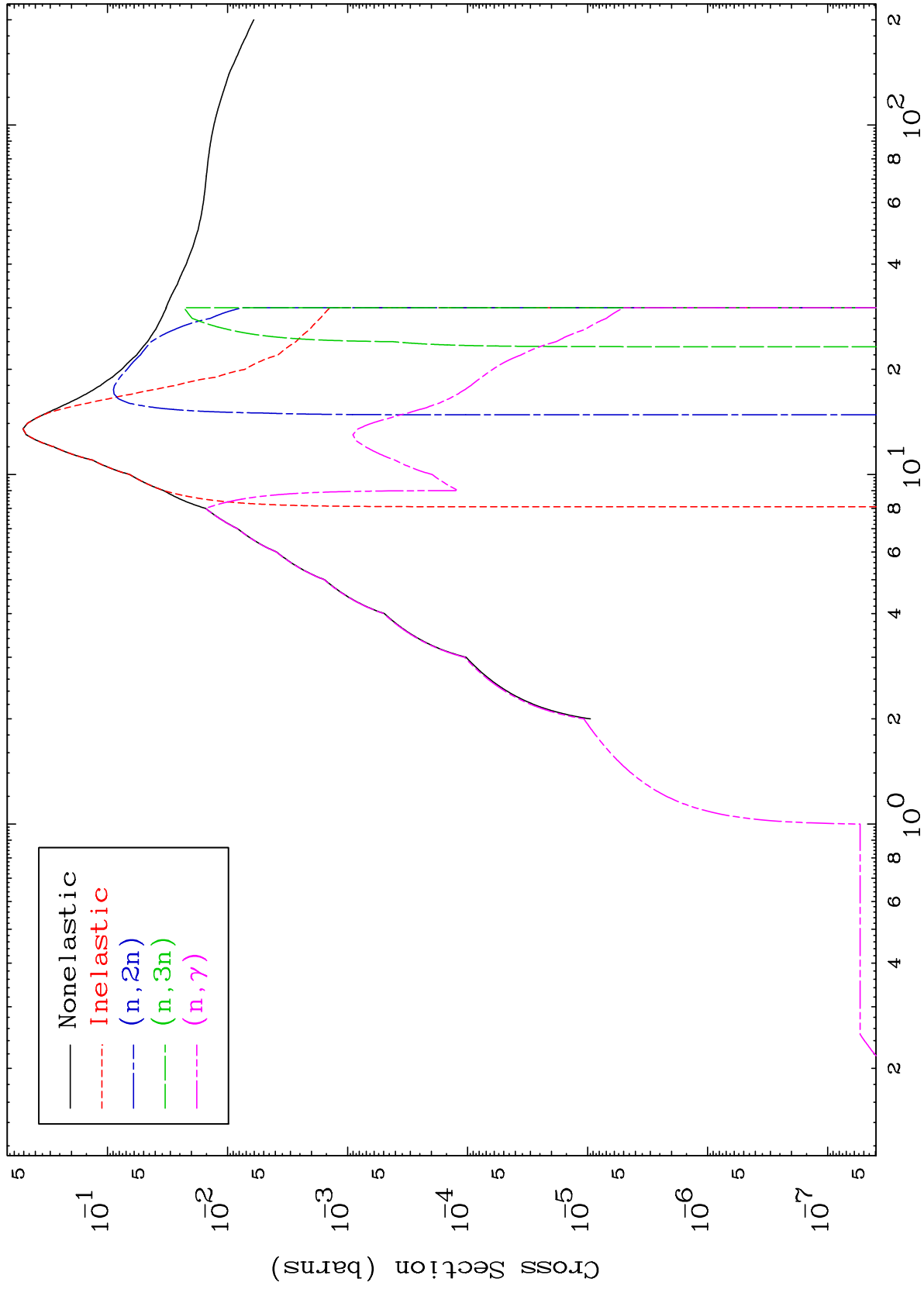
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8231

Photon Major  
0 Kelvin Cross Sections

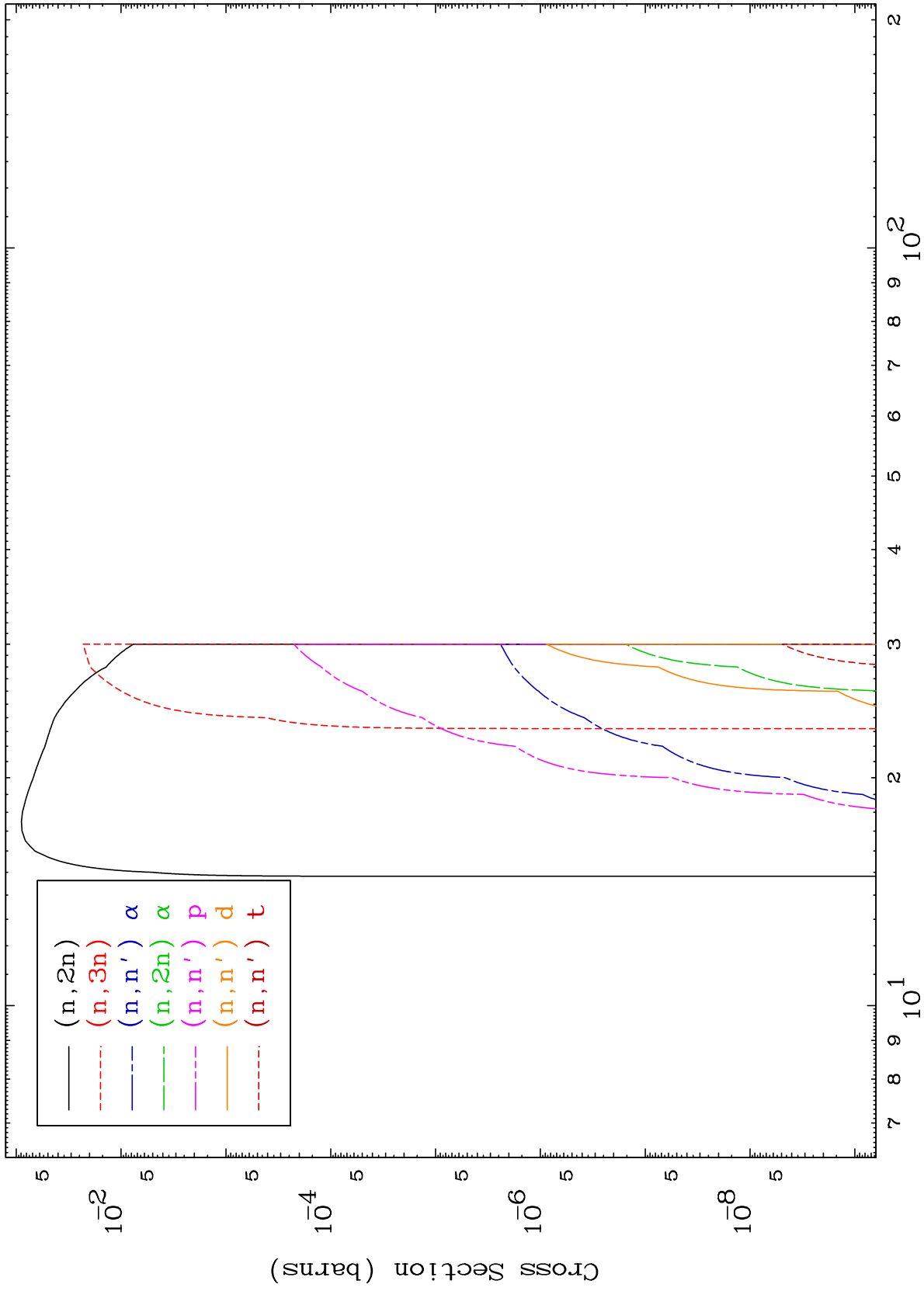
82-Pb-206



MAT 8231

Photon Neutron Absorption  
0 Kelvin Cross Sections

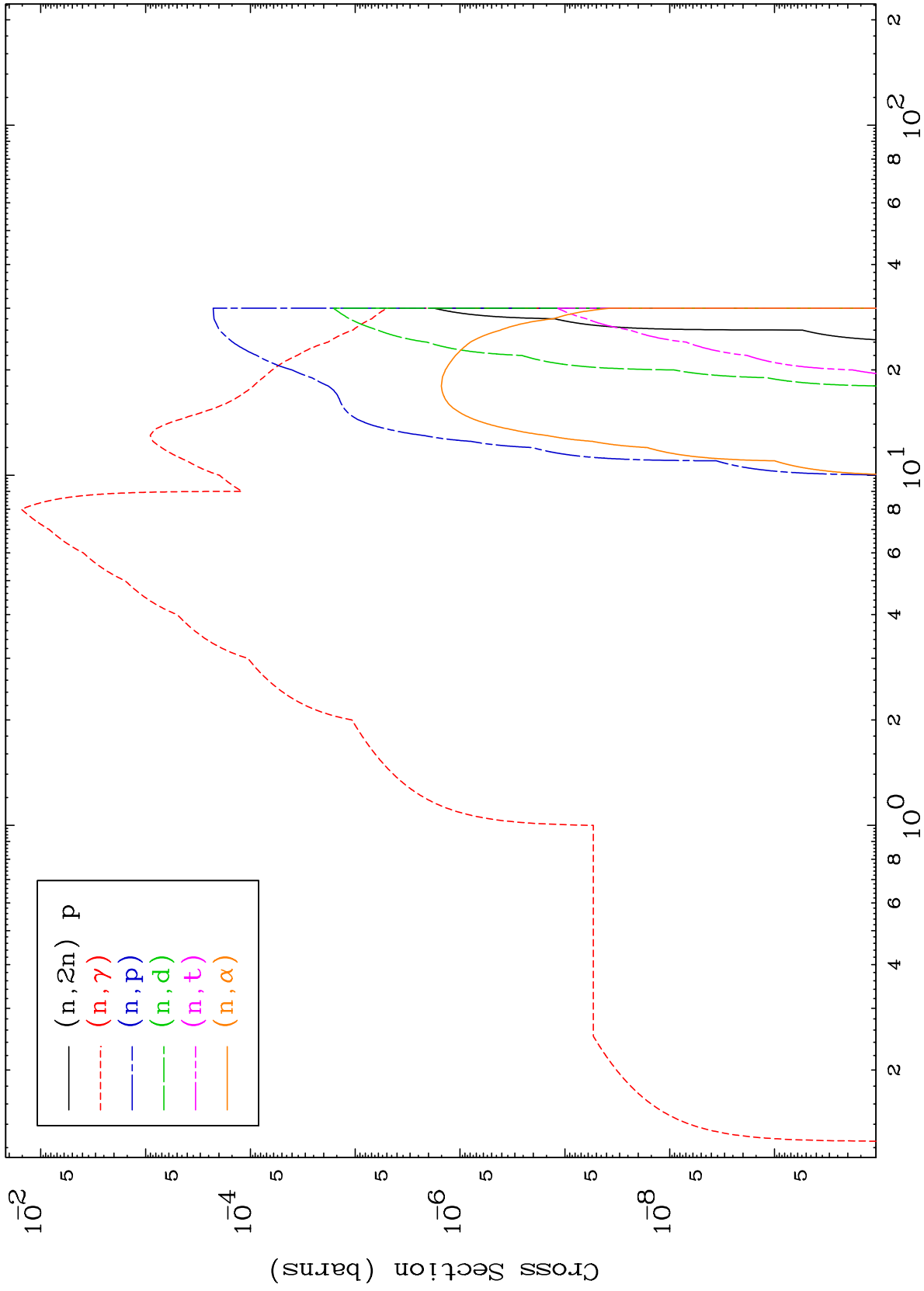
82-Pb-206



2

Incident Energy (MeV)

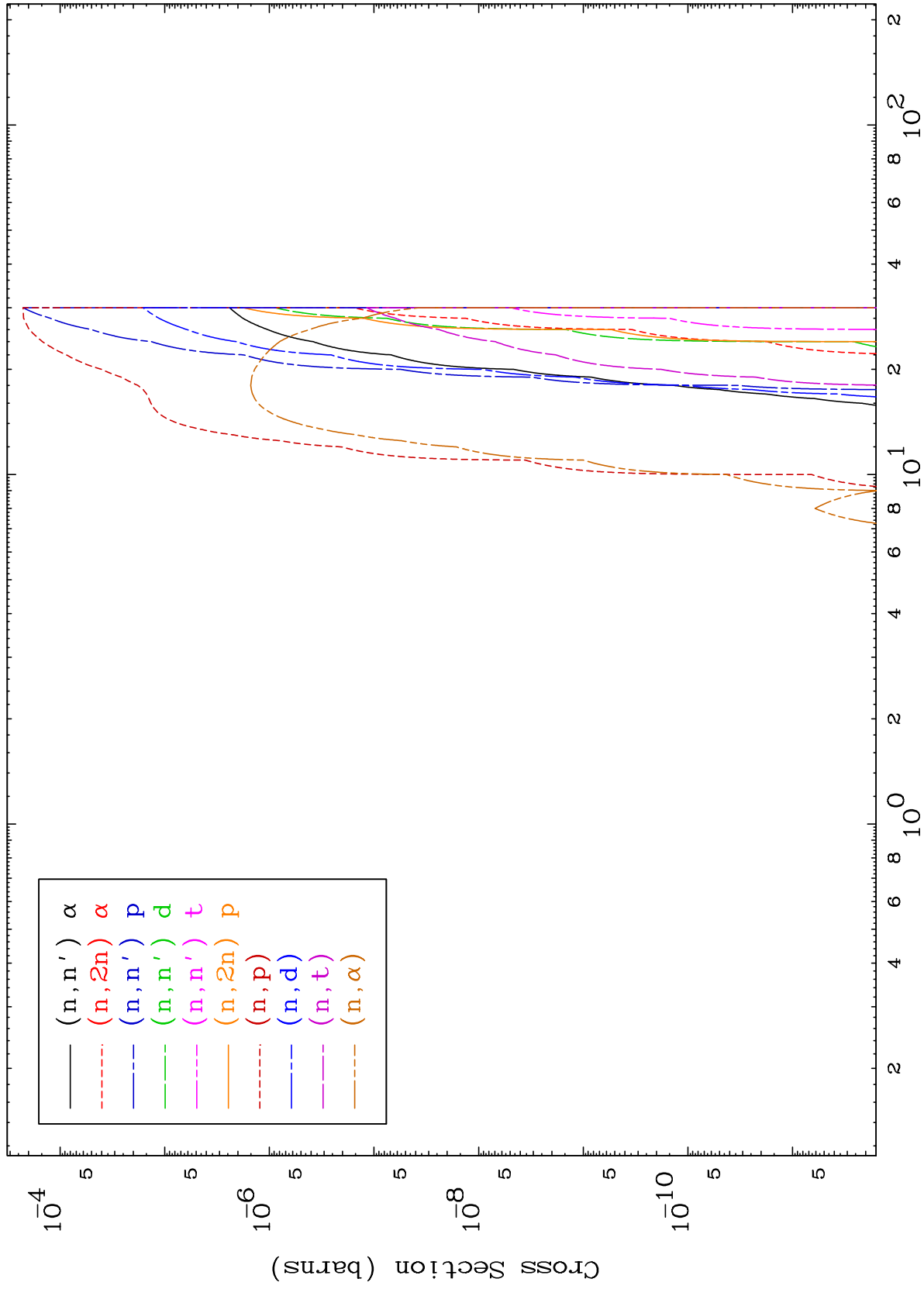
82-Pb-206



MAT 8231

Photon Charged Particle  
0 Kelvin Cross Sections

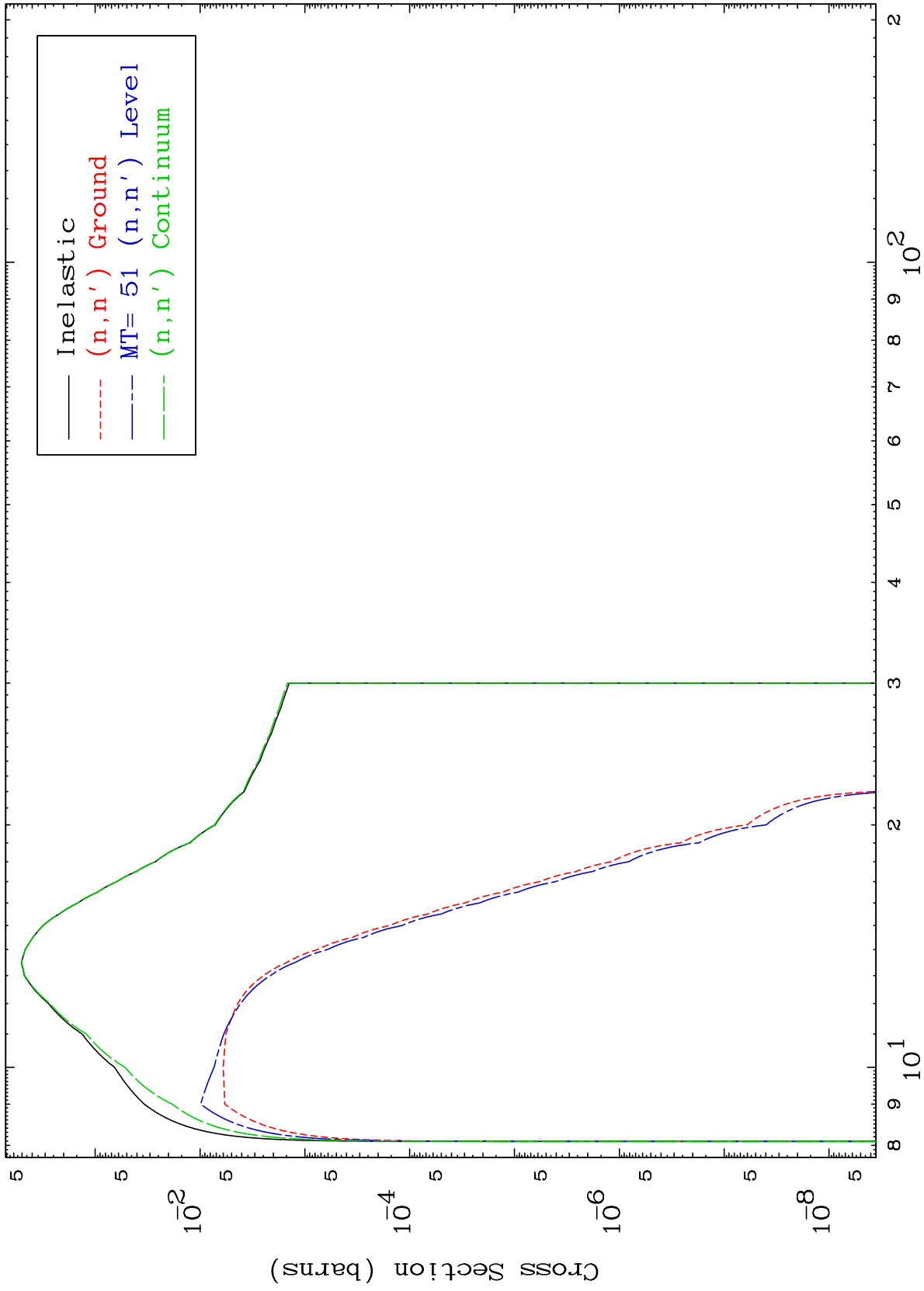
82-Pb-206



MAT 8231

$(\gamma, n')$  Levels  
0 Kelvin Cross Sections

82-Pb-206



5

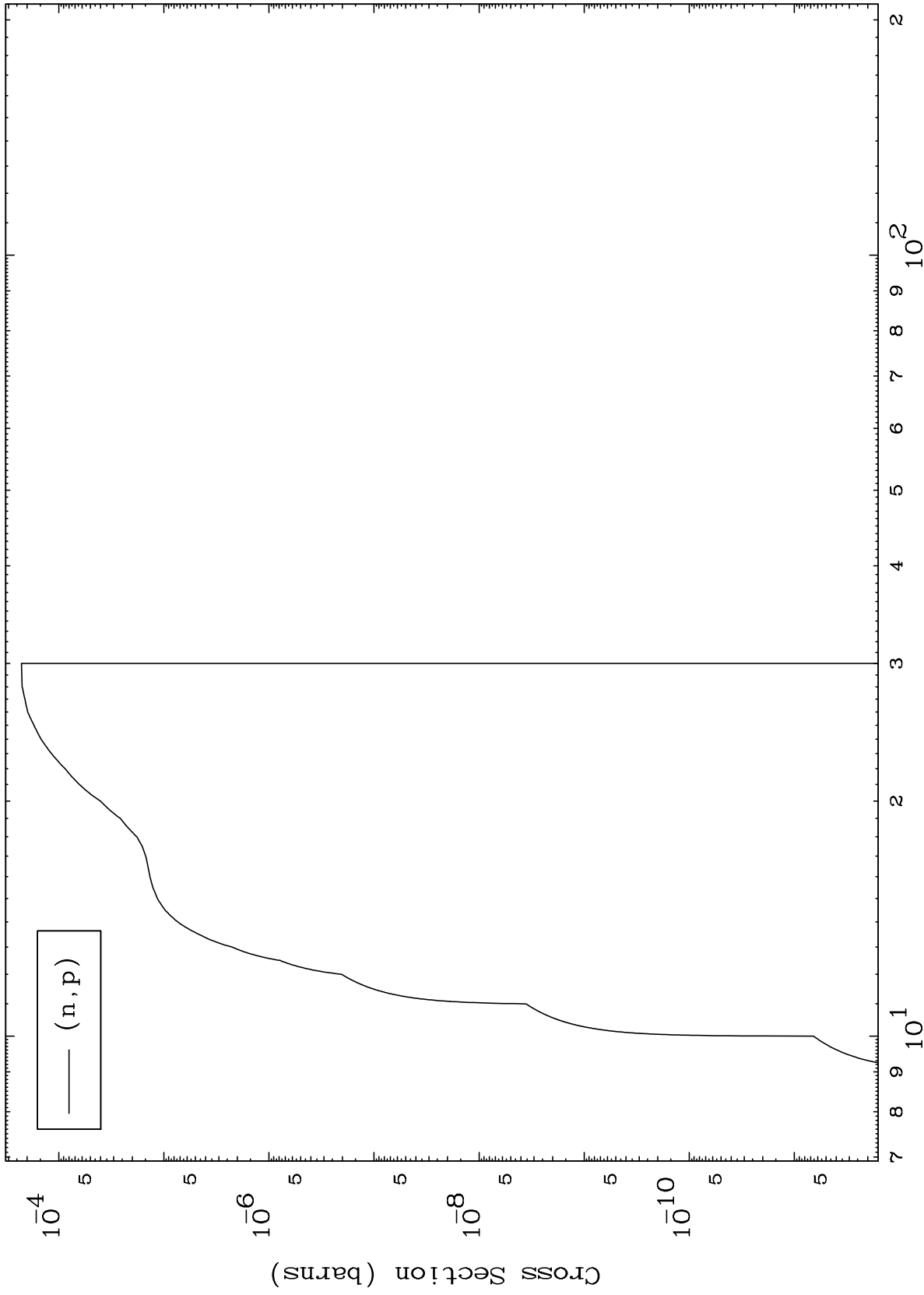
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



6

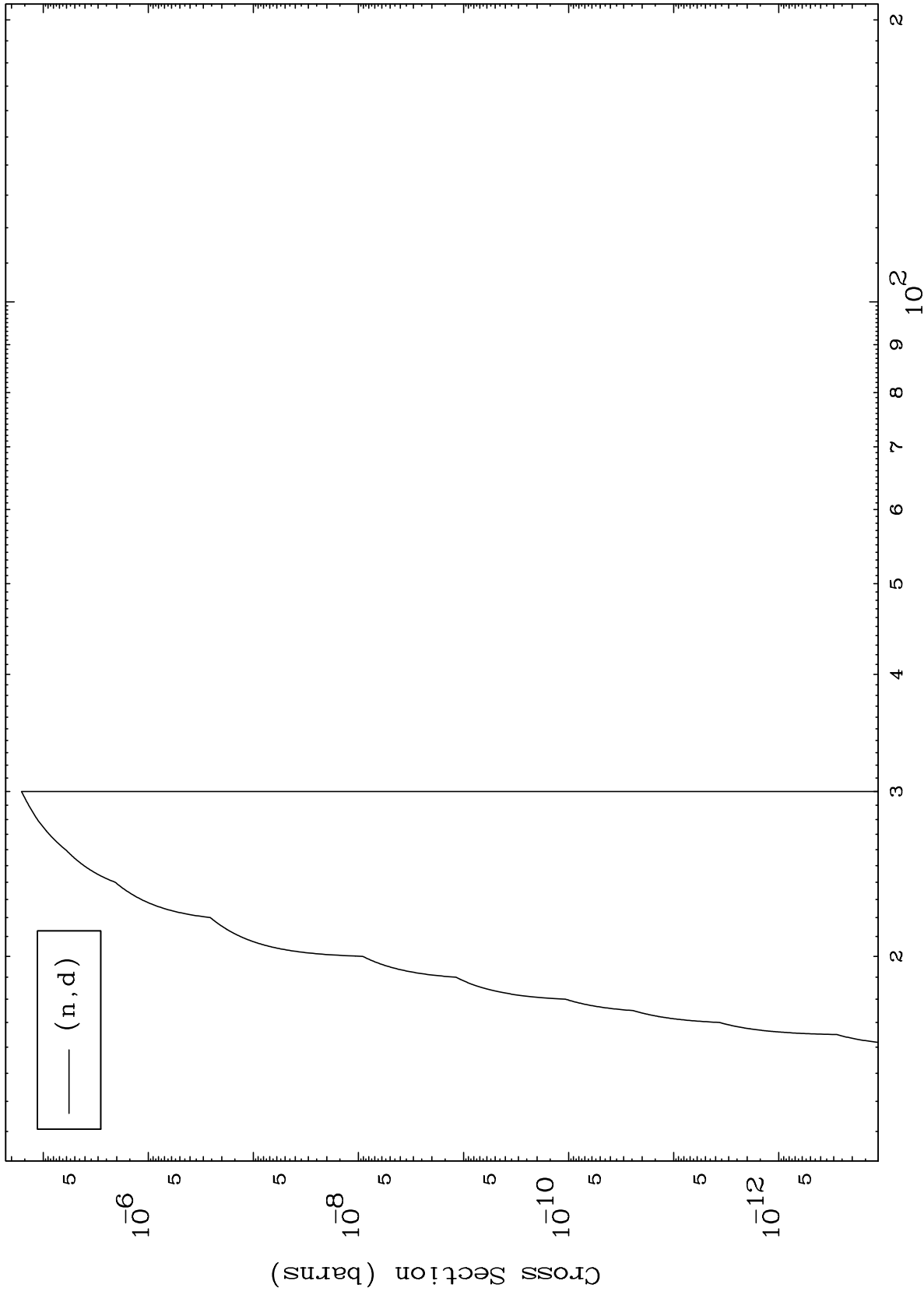
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

82-Pb-206



7

Incident Energy (MeV)

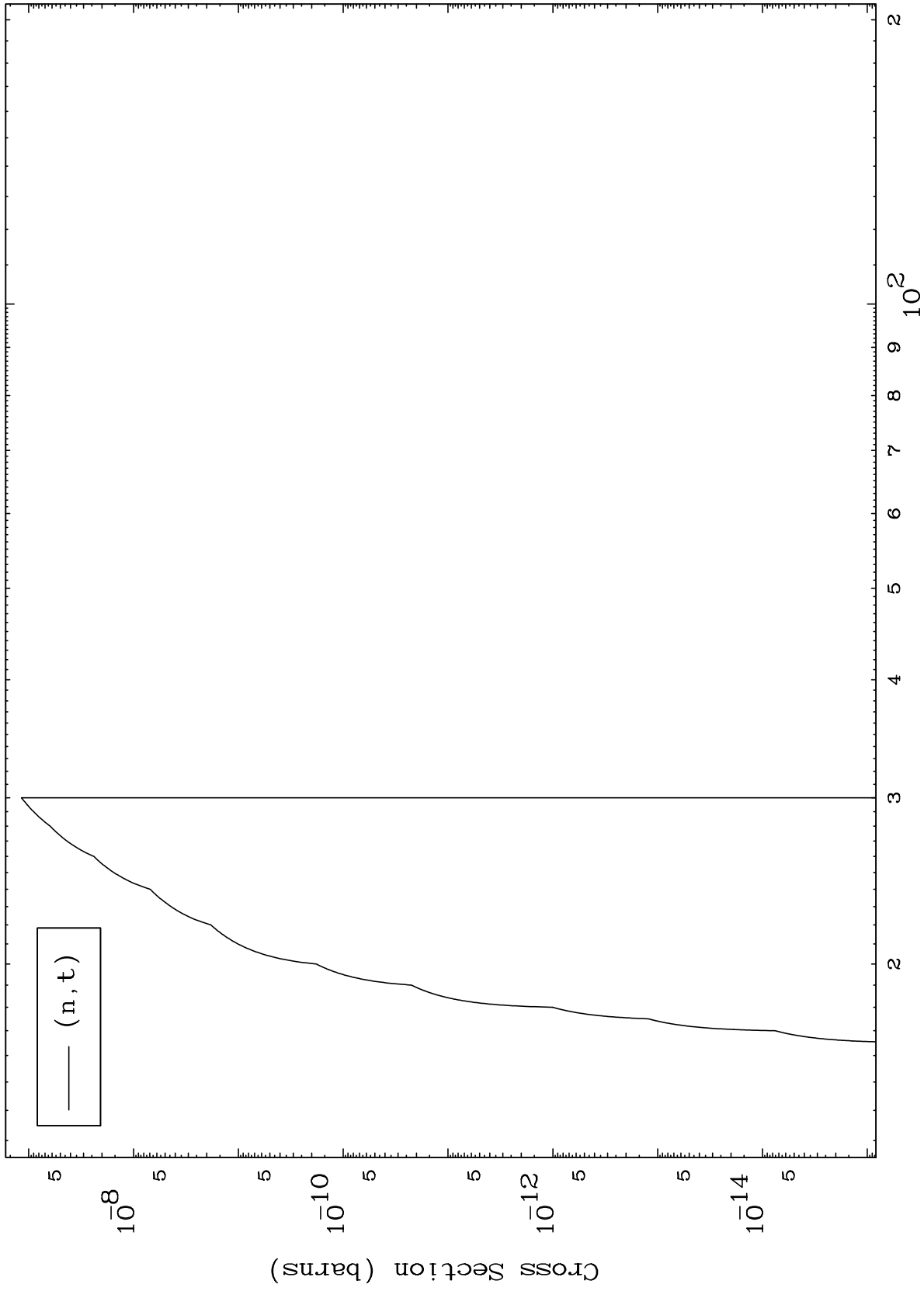
82-Pb-206



MAT 8231

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

82-Pb-206



8

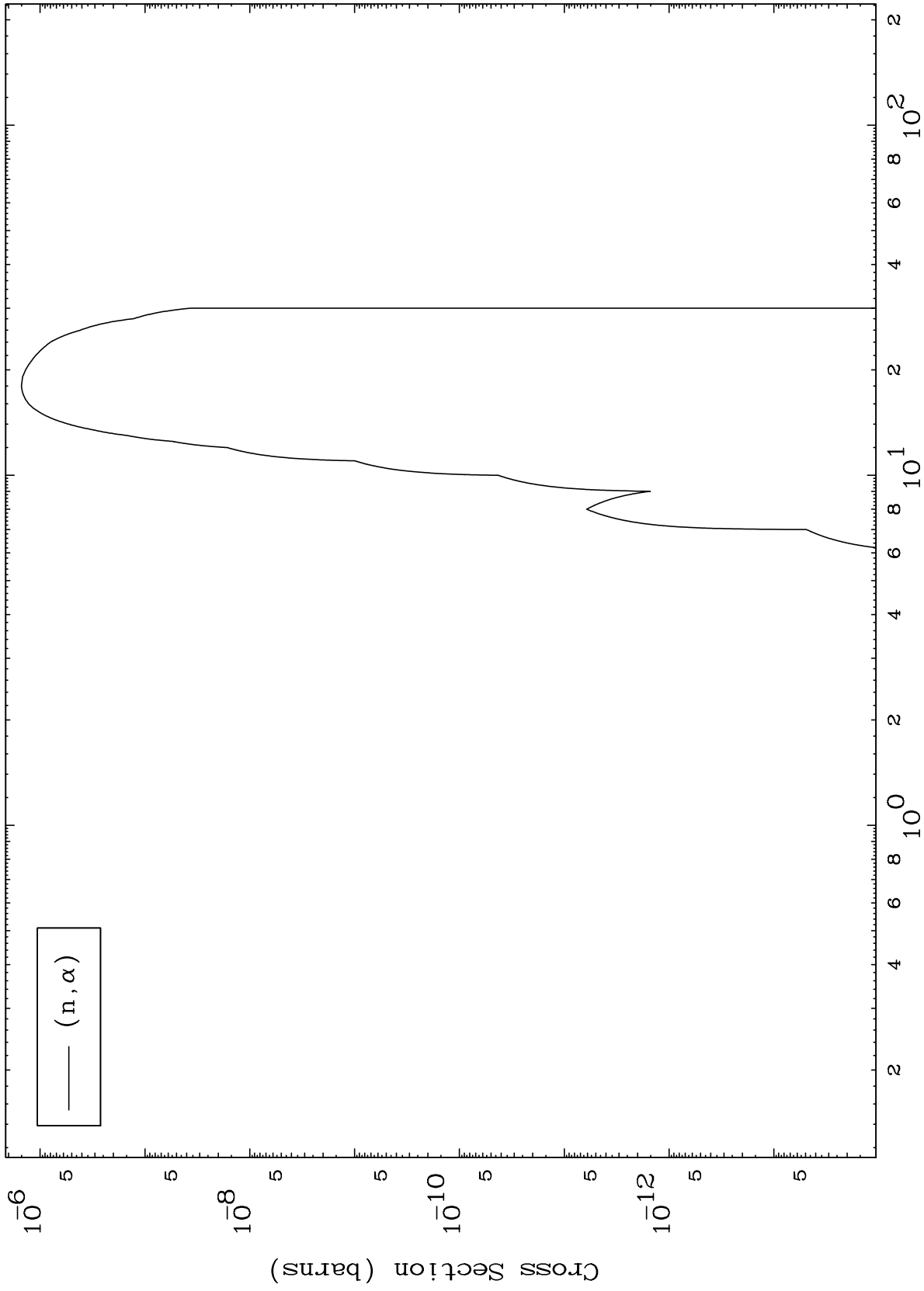
Incident Energy (MeV)

82-Pb-206

MAT 8231

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

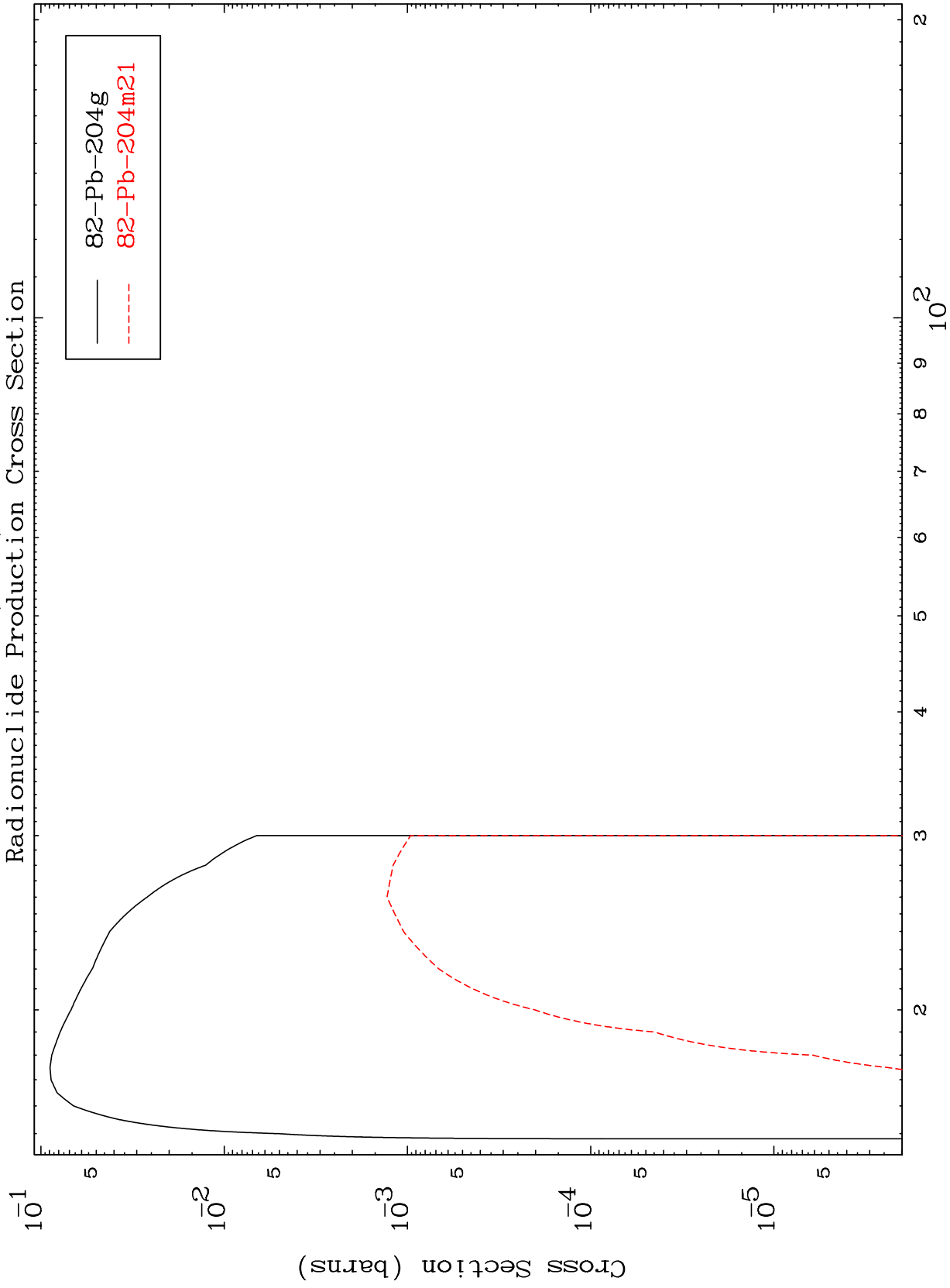
82-Pb-206



MAT 8231

82-Pb-206

(n,2n)  
Radionuclide Production Cross Section



10

Incident Energy (MeV)

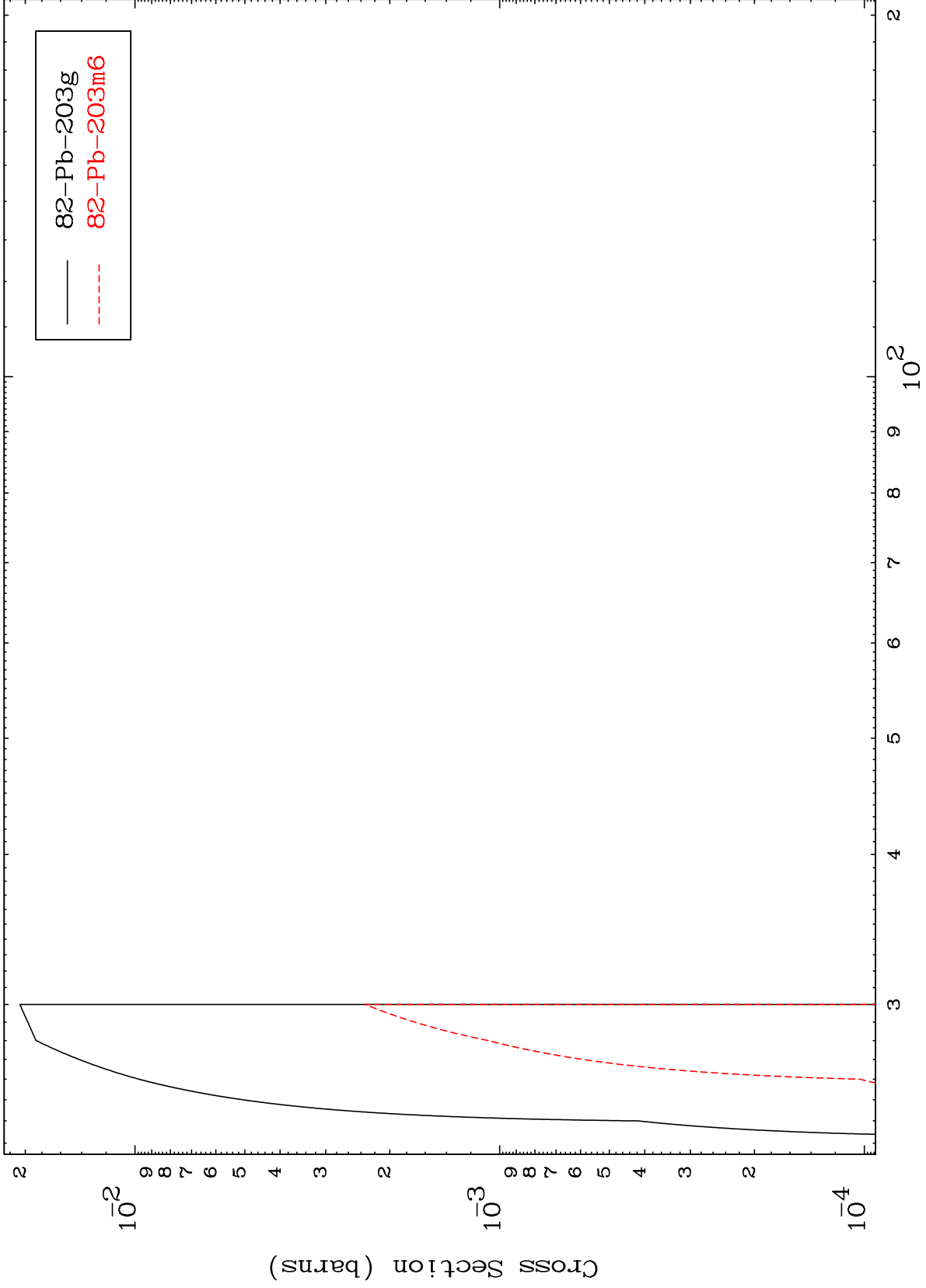
82-Pb-206

MAT 8231

(n,3n)

82-Pb-206

Radionuclide Production Cross Section



11

Incident Energy (MeV)

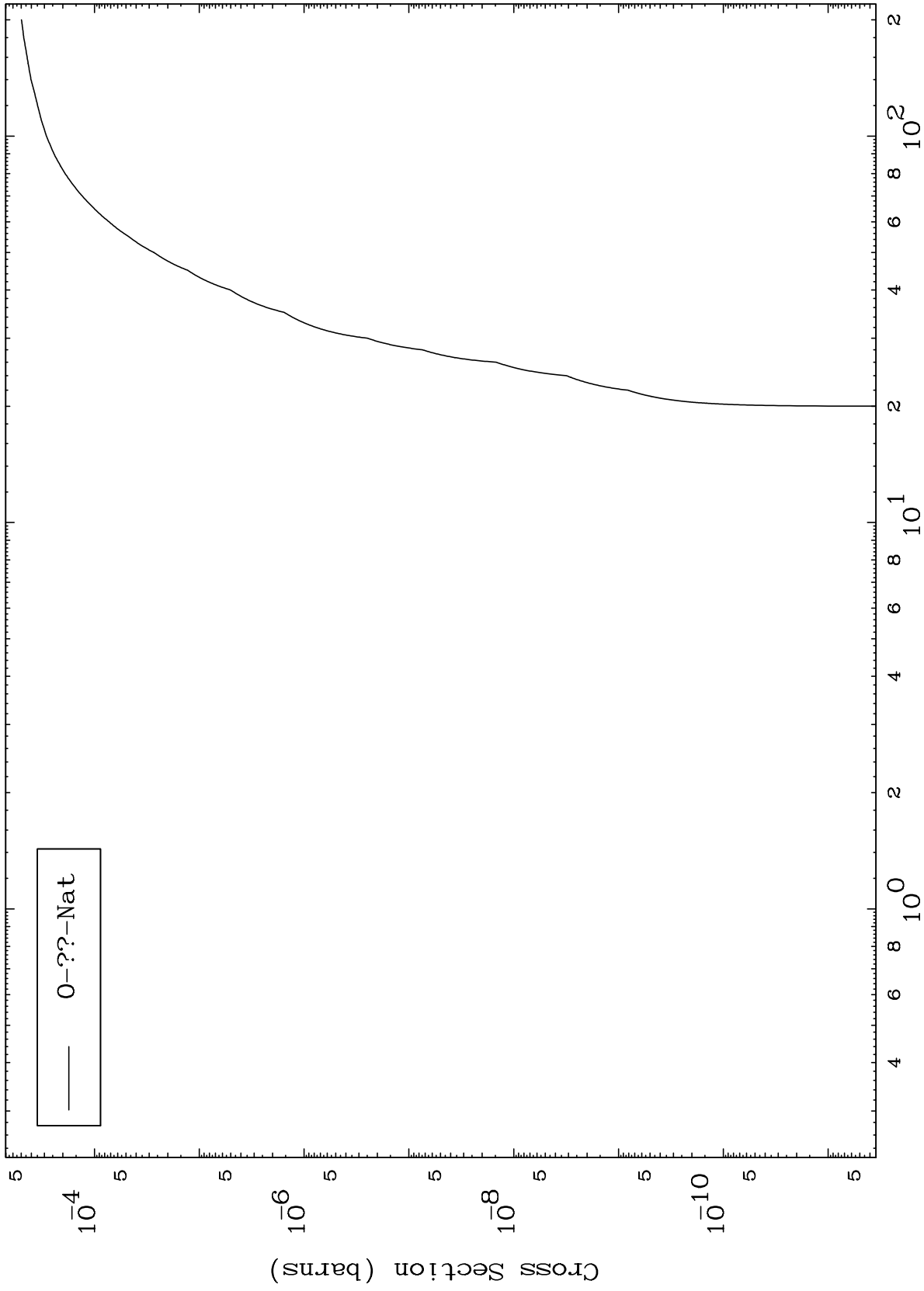
82-Pb-206

MAT 8231

Fission

82-Pb-206

Radionuclide Production Cross Section



12

Incident Energy (MeV)

82-Pb-206