

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

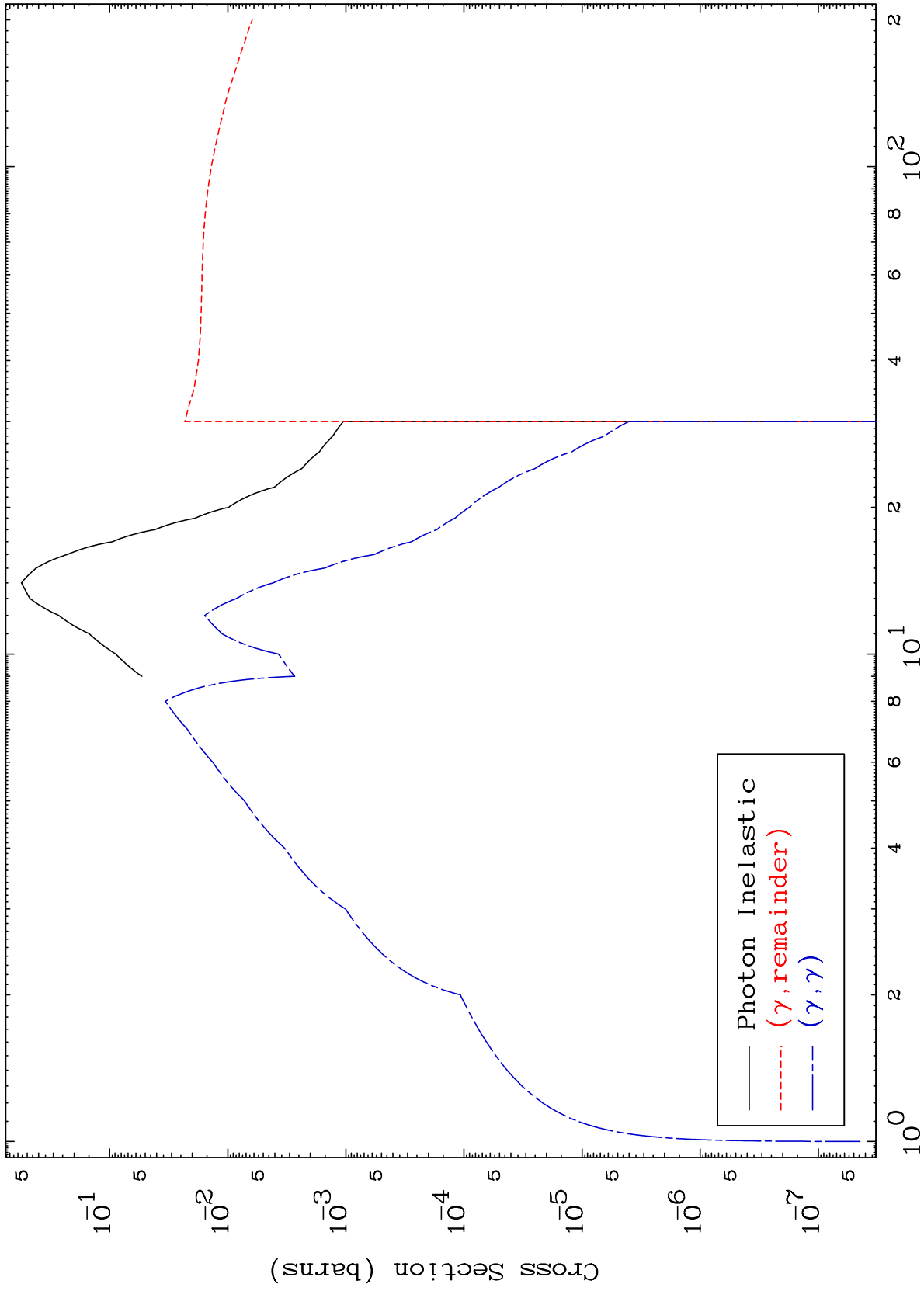
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8225

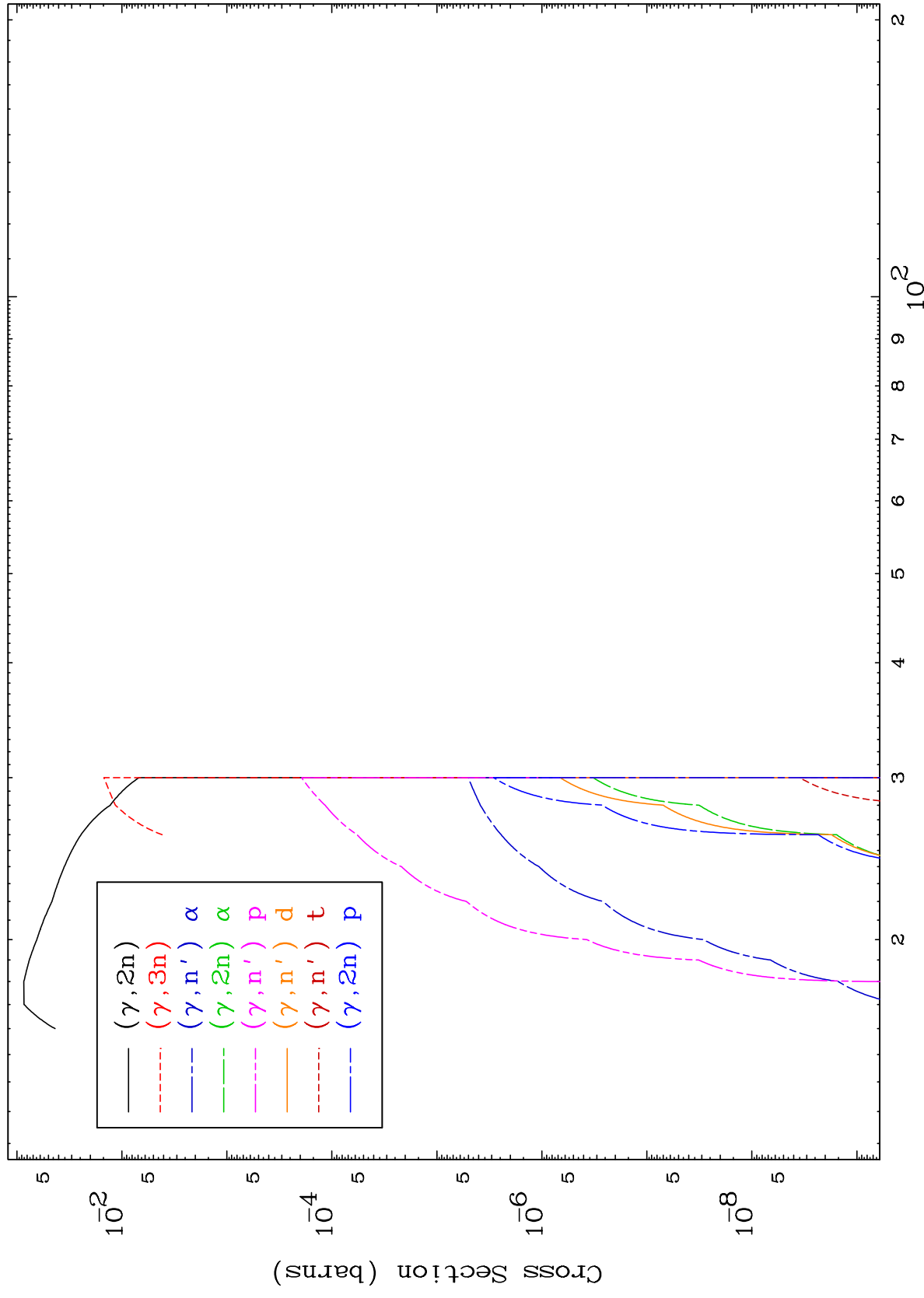
Photon Major  
0 Kelvin Cross Sections

82-Pb-204



Incident Energy (MeV)

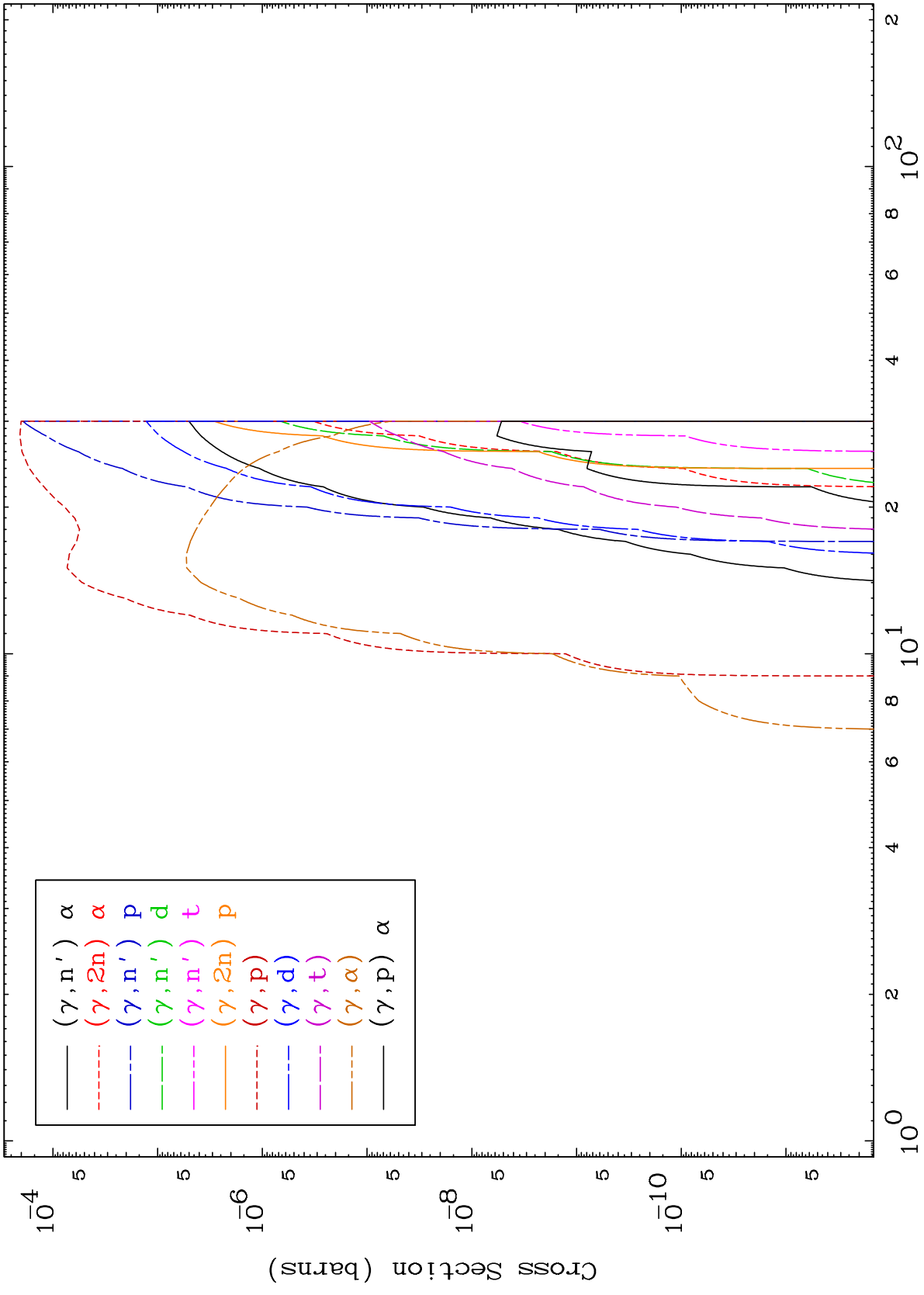
82-Pb-204



MAT 8225

Photon Charged Particle  
0 Kelvin Cross Sections

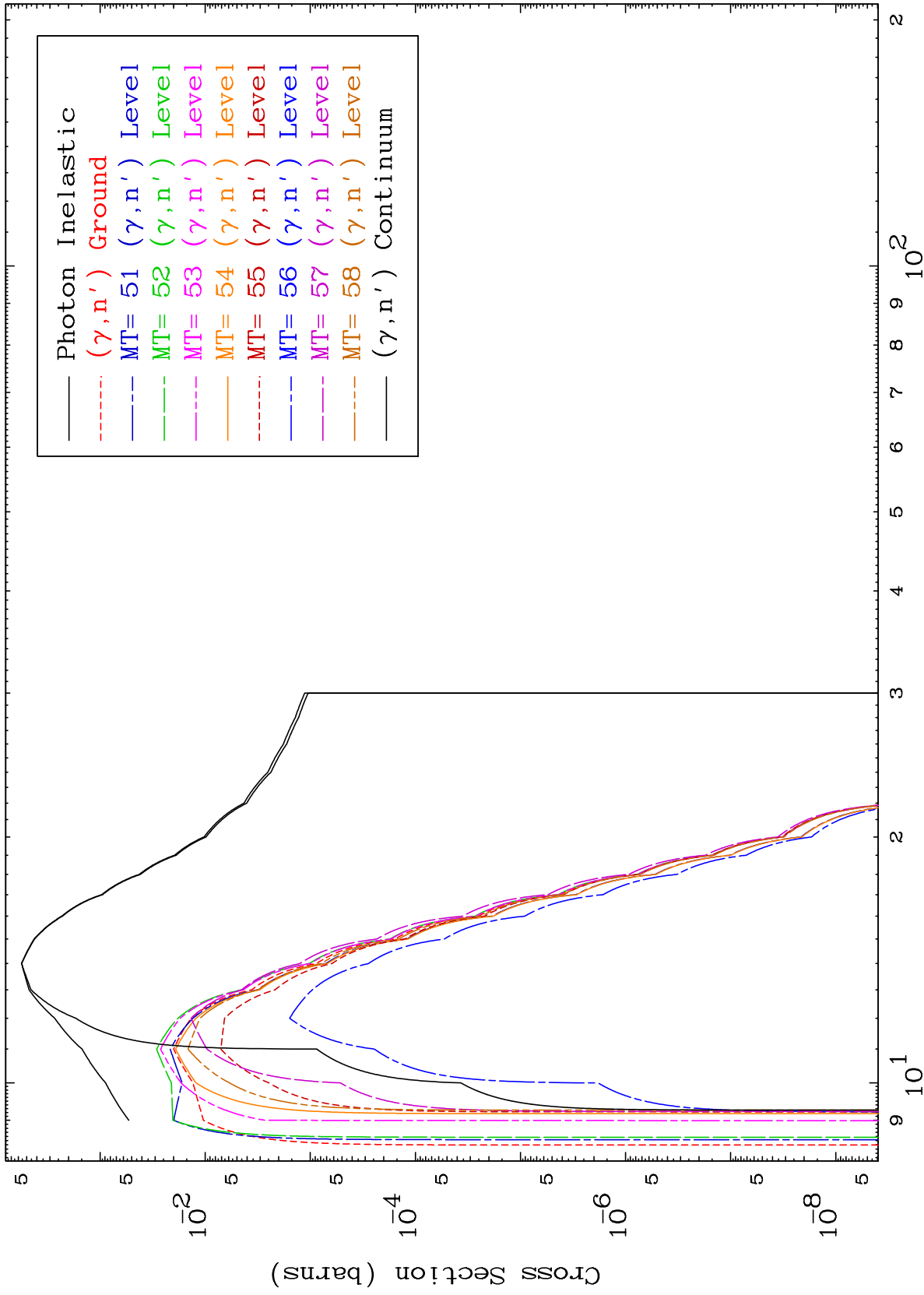
82-Pb-204



82-Pb-204

Incident Energy (MeV)

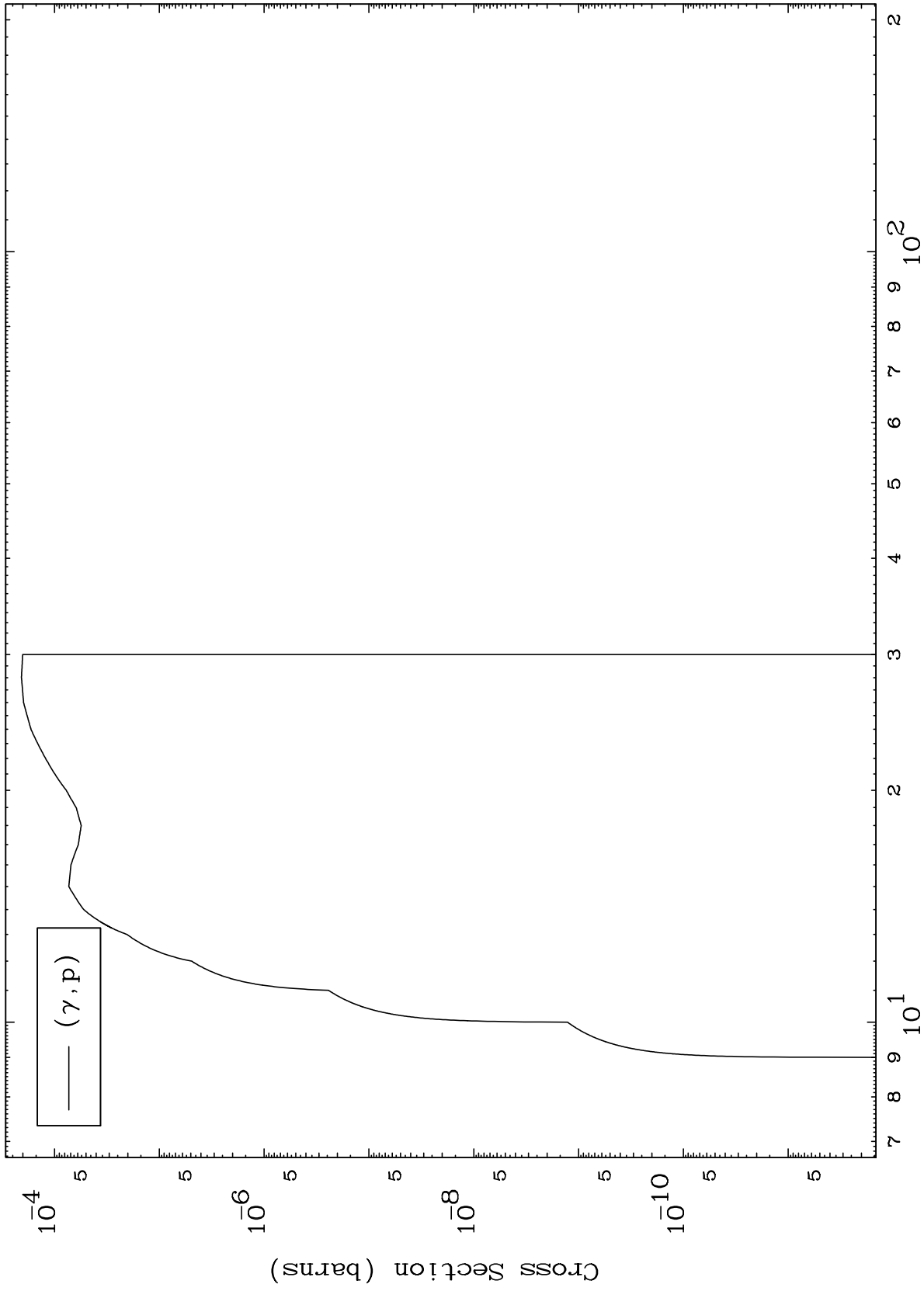
3



MAT 8225

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

82-Pb-204



5

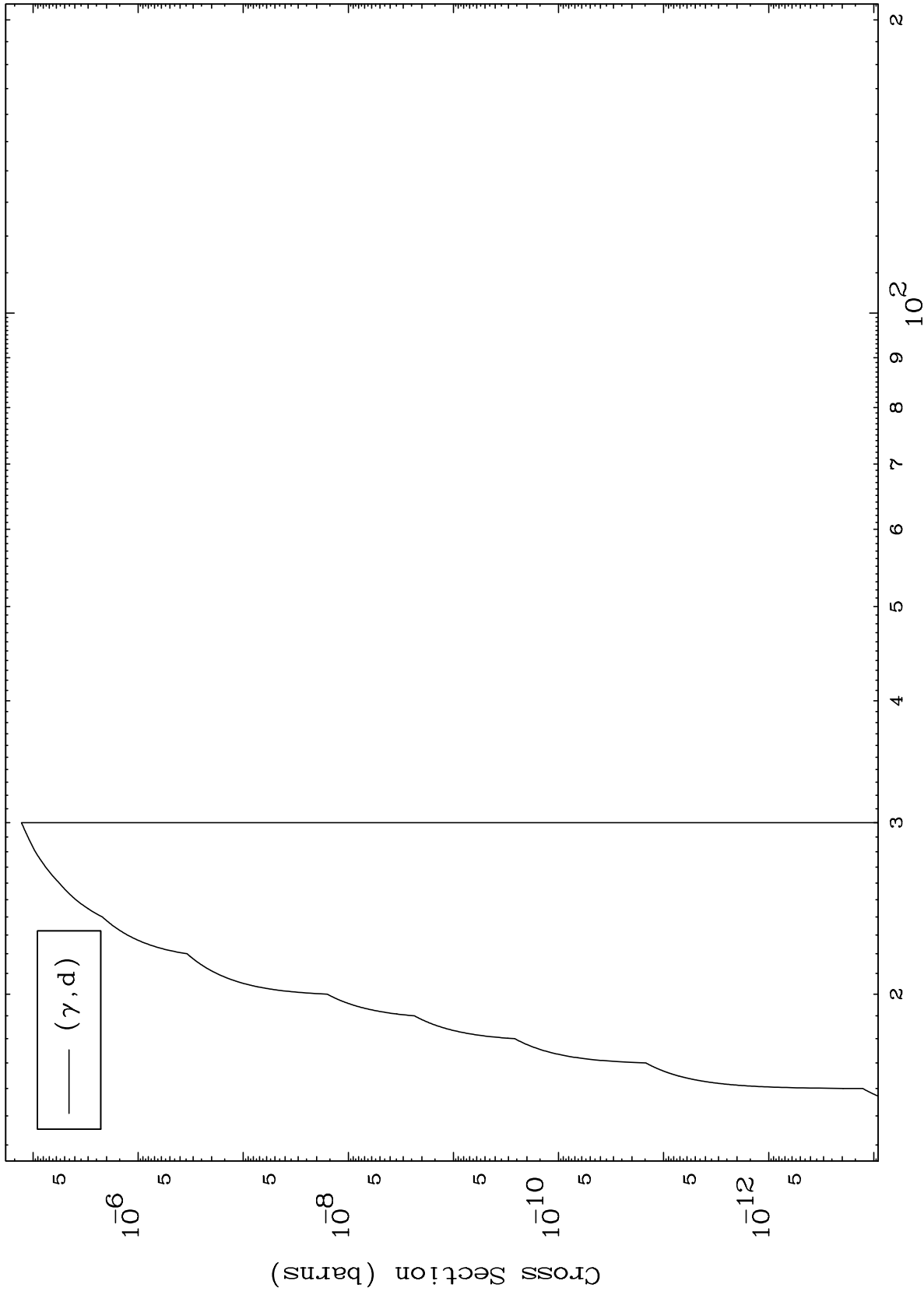
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



6

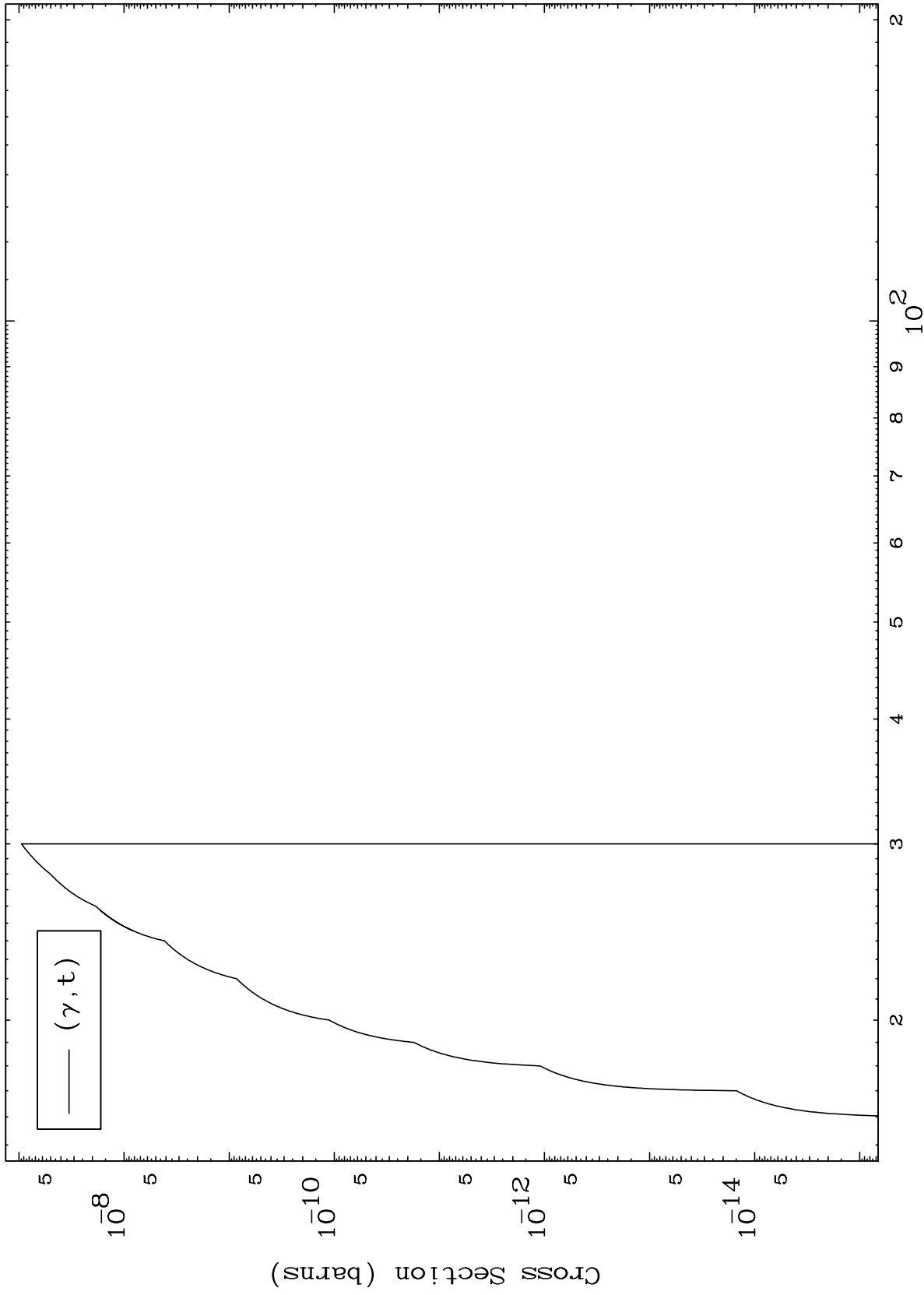
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



7

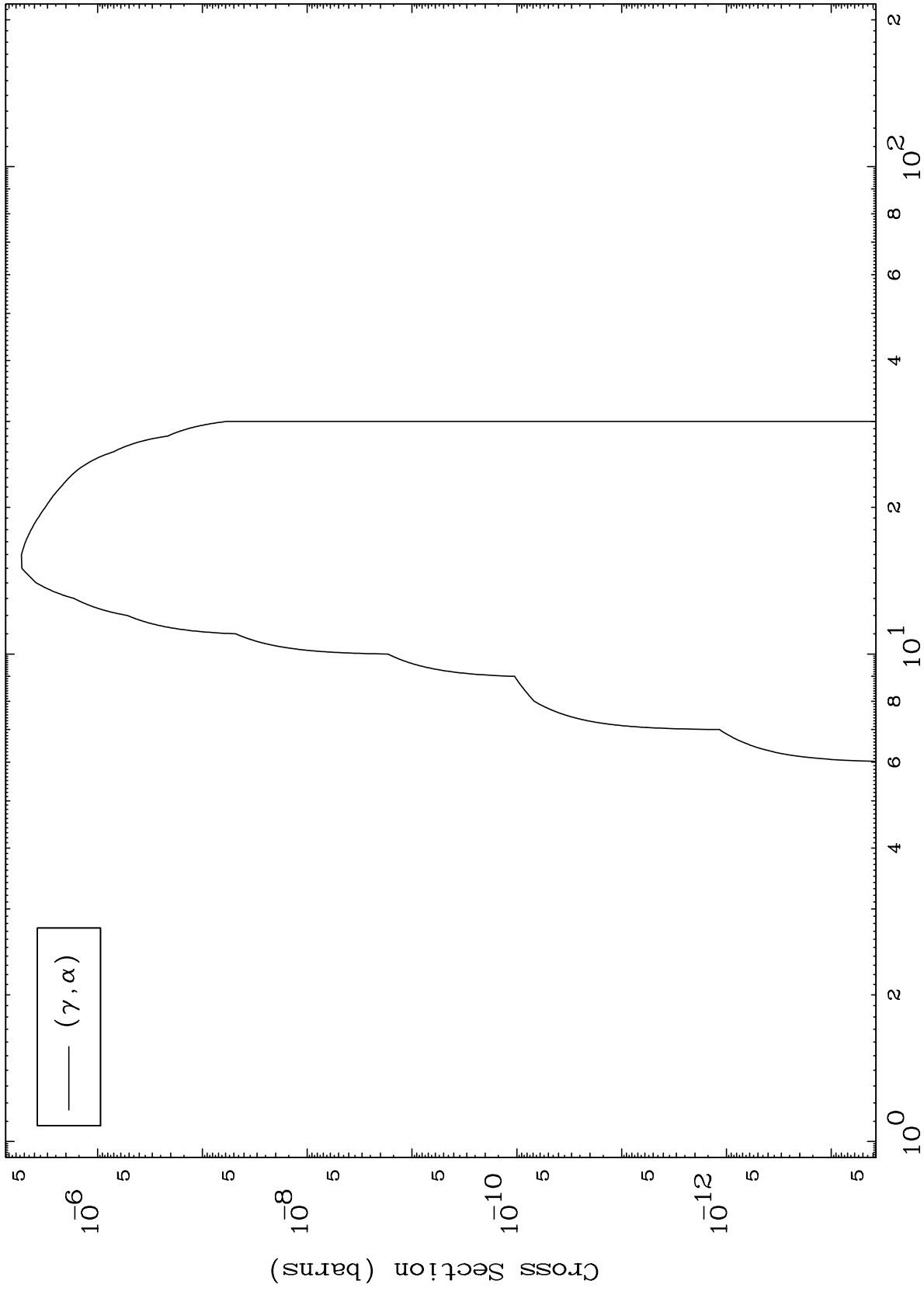
Incident Energy (MeV)

82-Pb-204

MAT 8225

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

82-Pb-204



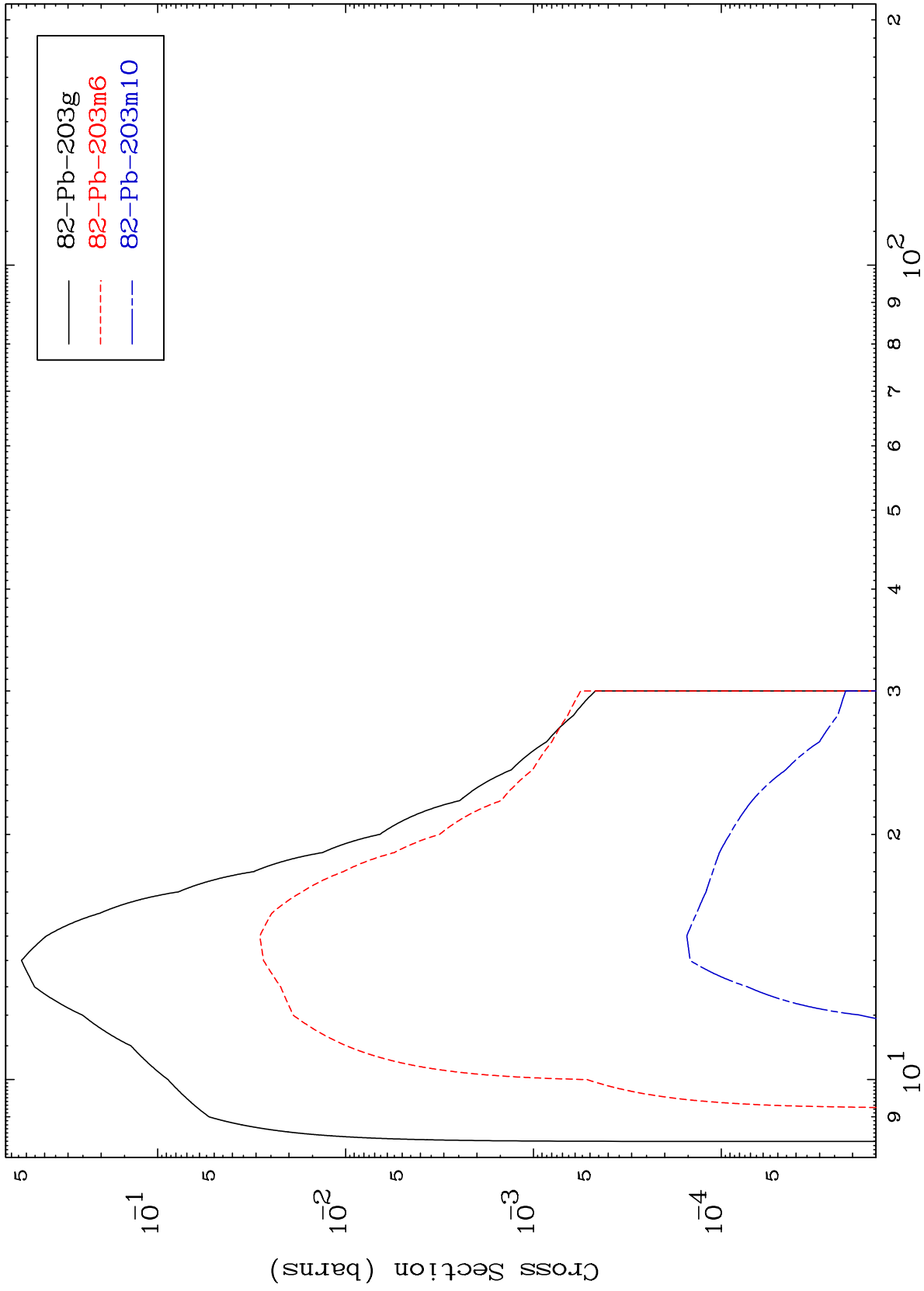
Incident Energy (MeV)

82-Pb-204

MAT 8225

Photon Inelastic  
Radionuclide Production Cross Section

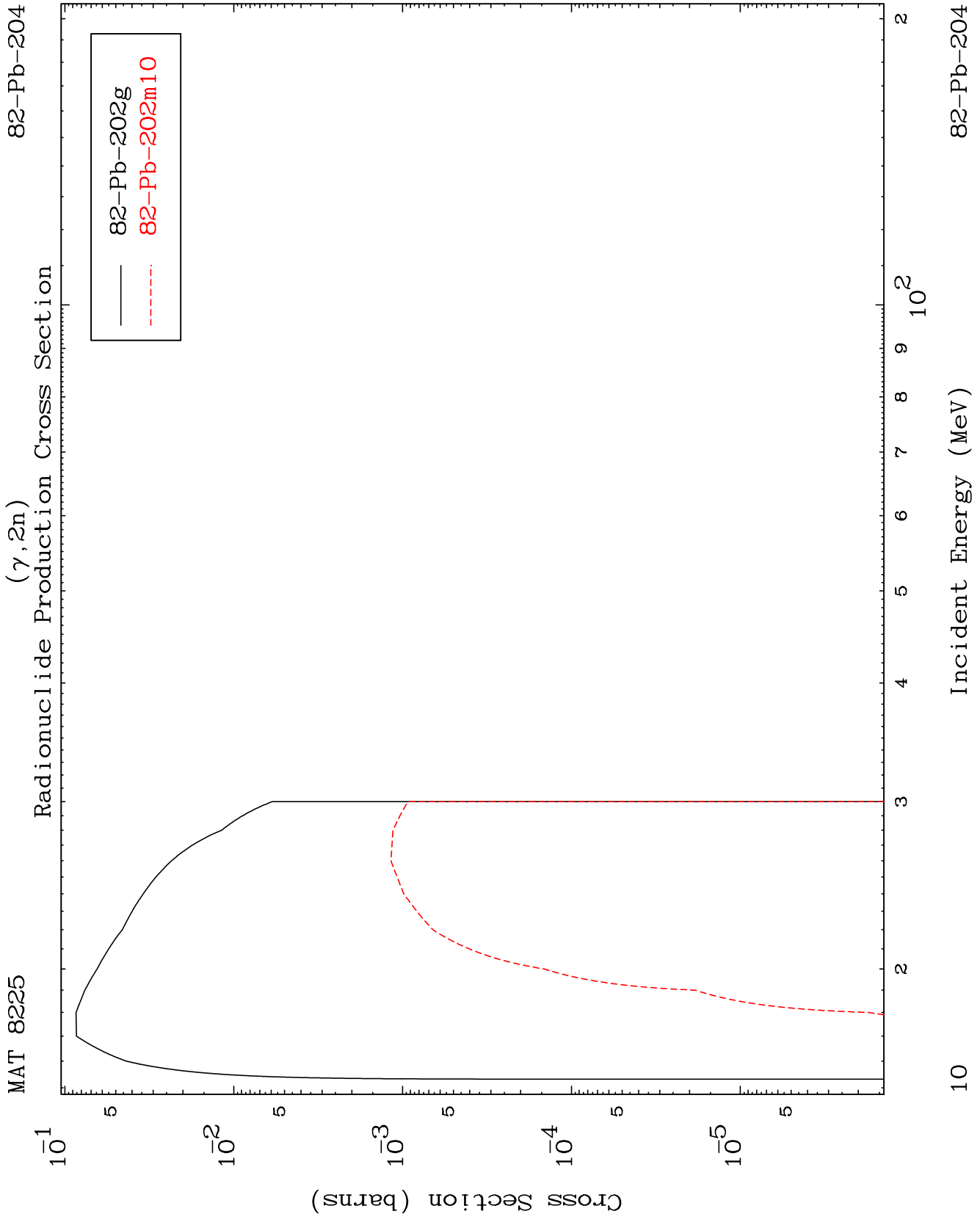
82-Pb-204



9

Incident Energy (MeV)

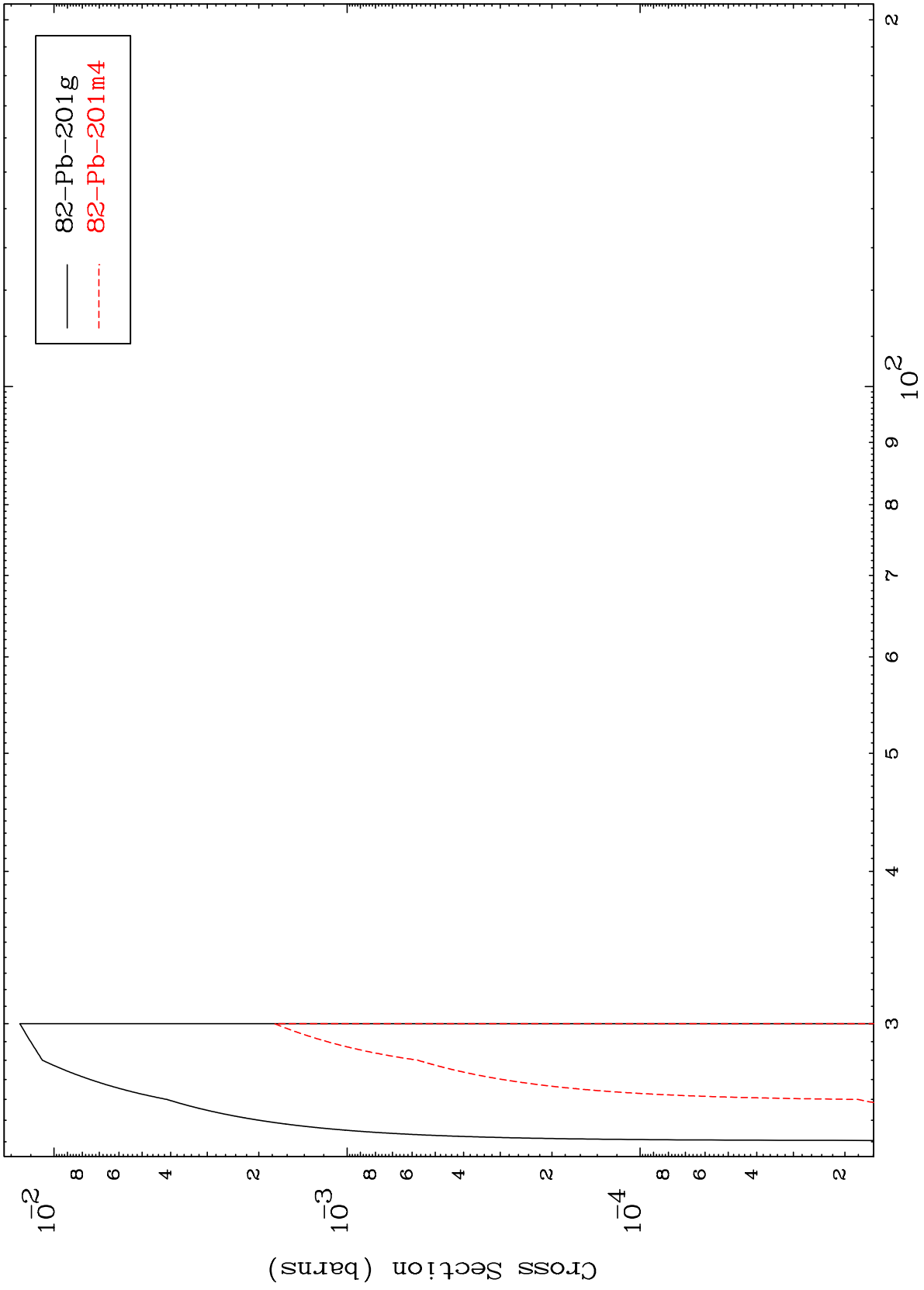
82-Pb-204



MAT 8225

82-Pb-204

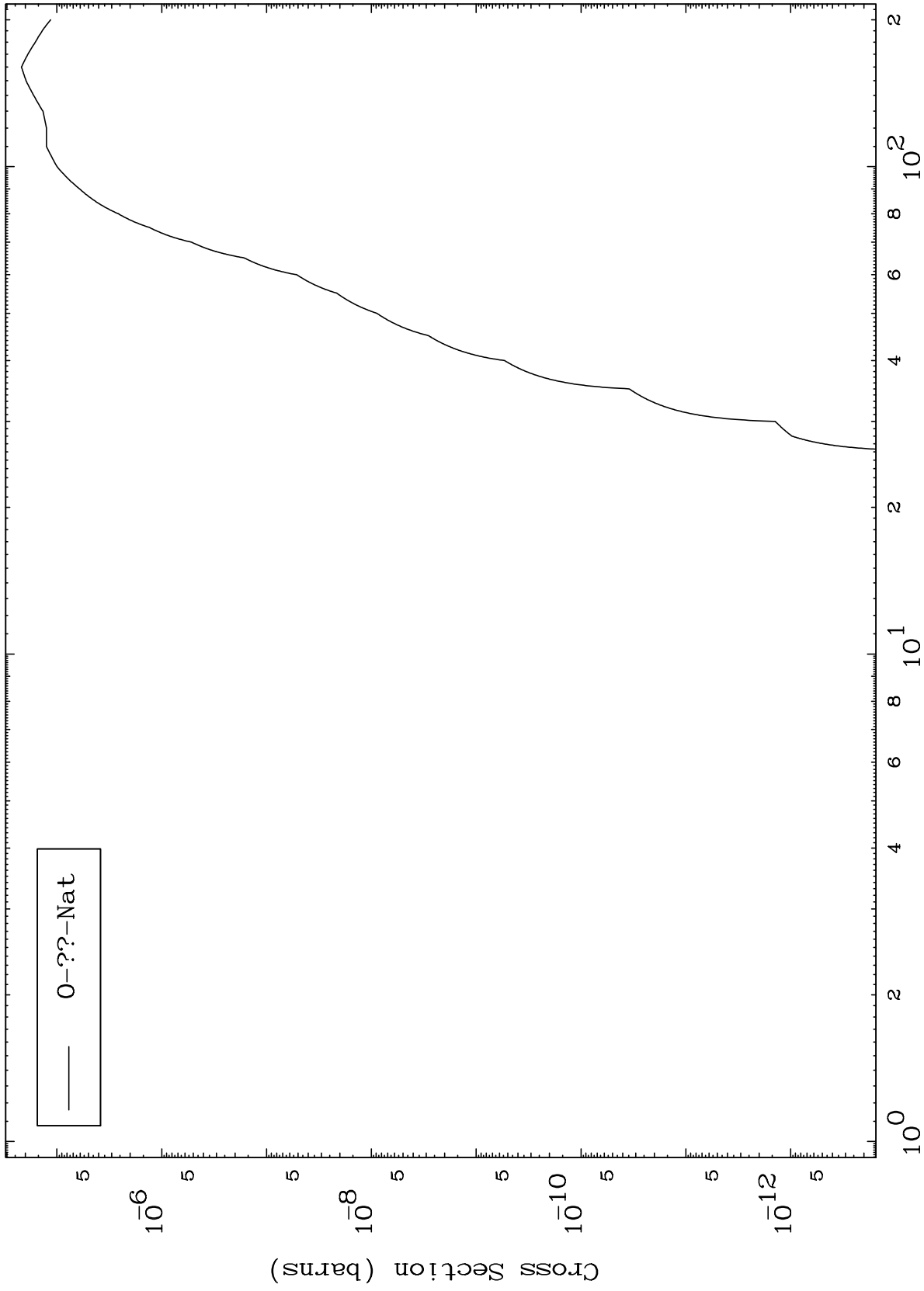
( $\gamma, 3n$ )  
Radionuclide Production Cross Section



MAT 8225

Photon Fission  
Radionuclide Production Cross Section

82-Pb-204



Incident Energy (MeV)

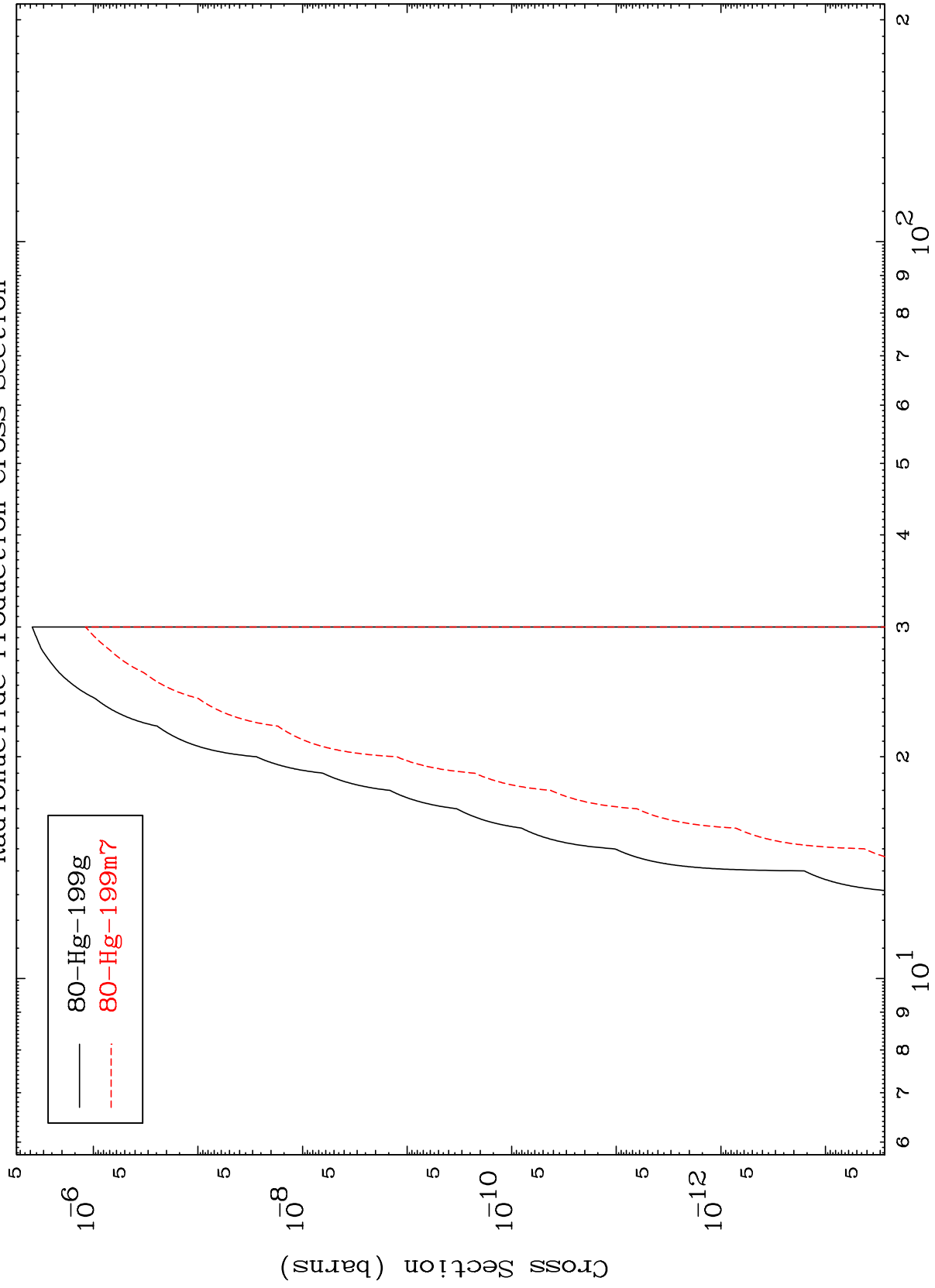
82-Pb-204

MAT 8225

$(\gamma, n') \alpha$

82-Pb-204

Radionuclide Production Cross Section



13

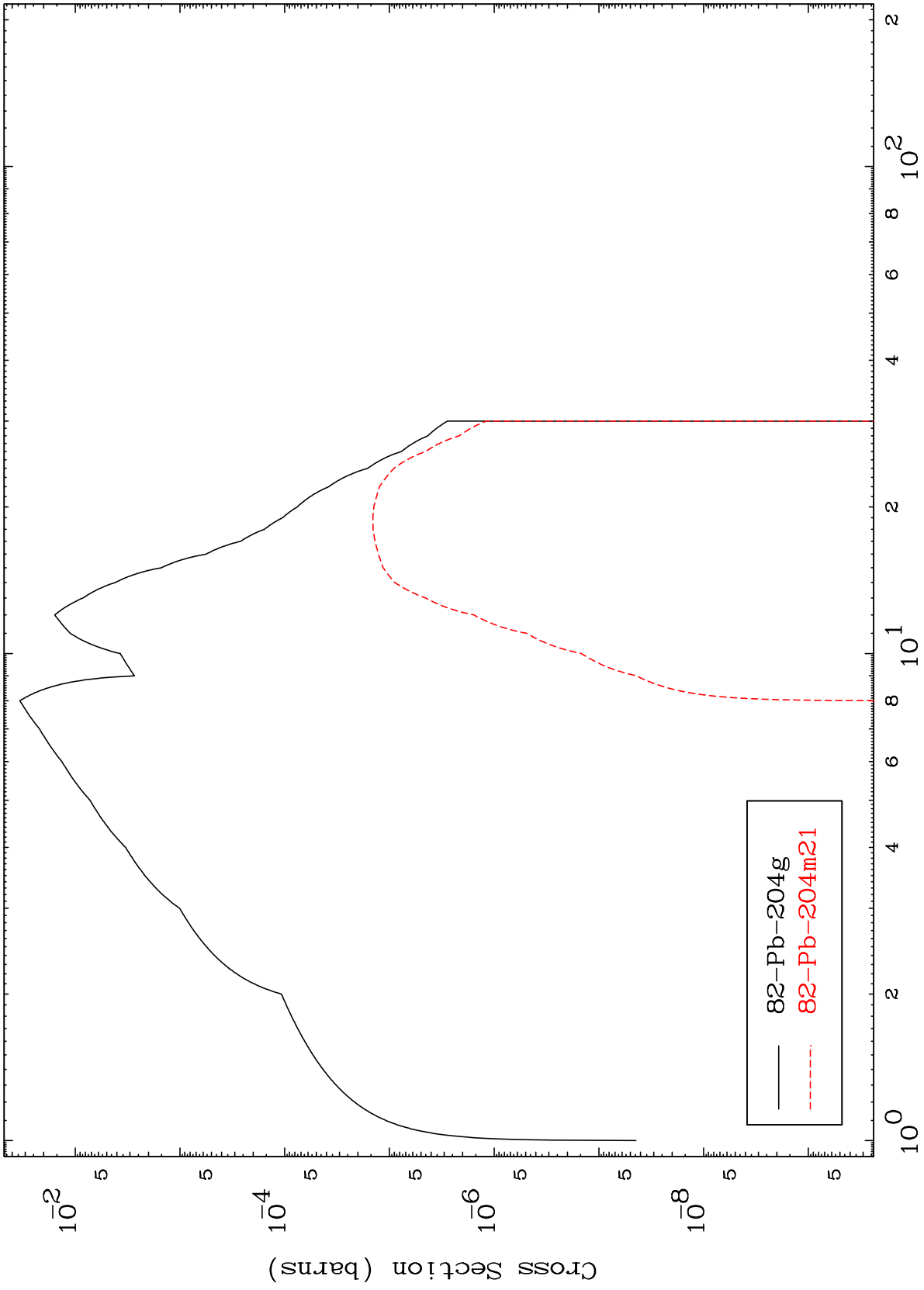
Incident Energy (MeV)

82-Pb-204

MAT 8225

82-Pb-204

Radionuclide Production Cross Section  
( $\gamma, \gamma$ )



— 82-Pb-204g  
- - - 82-Pb-204m21

14

Incident Energy (MeV)

82-Pb-204