

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

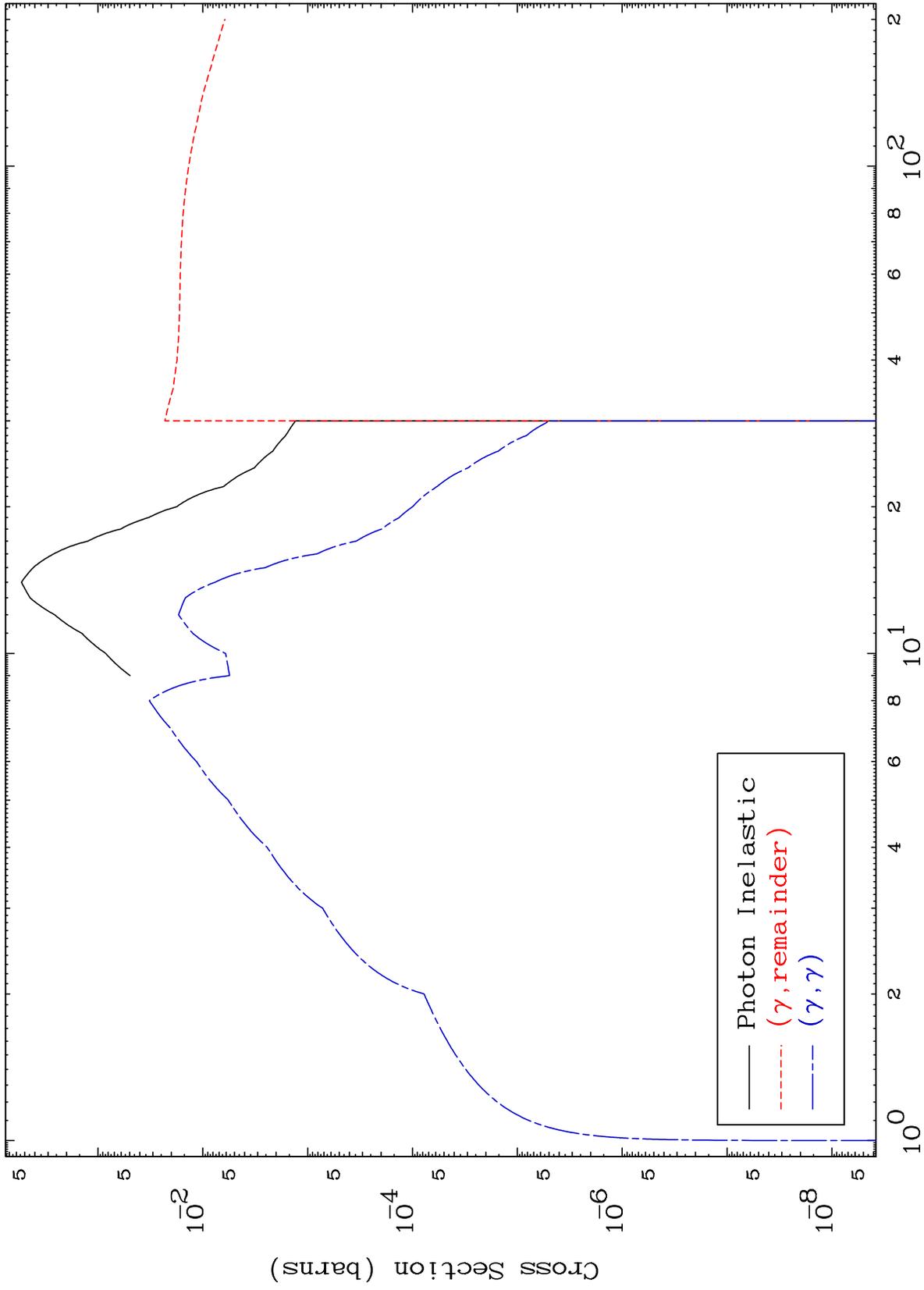
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8219

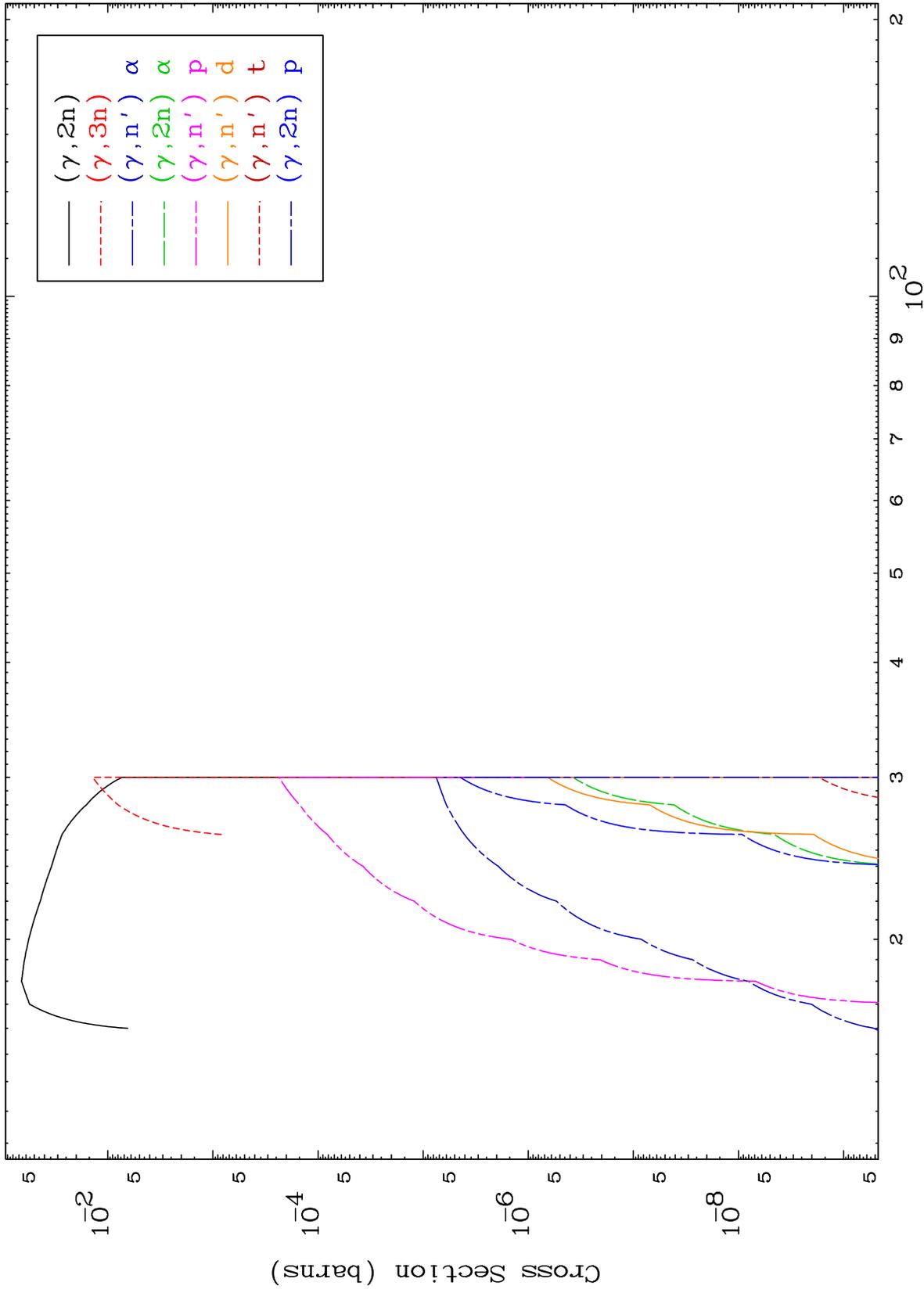
Photon Major  
0 Kelvin Cross Sections

82-Pb-202



Incident Energy (MeV)

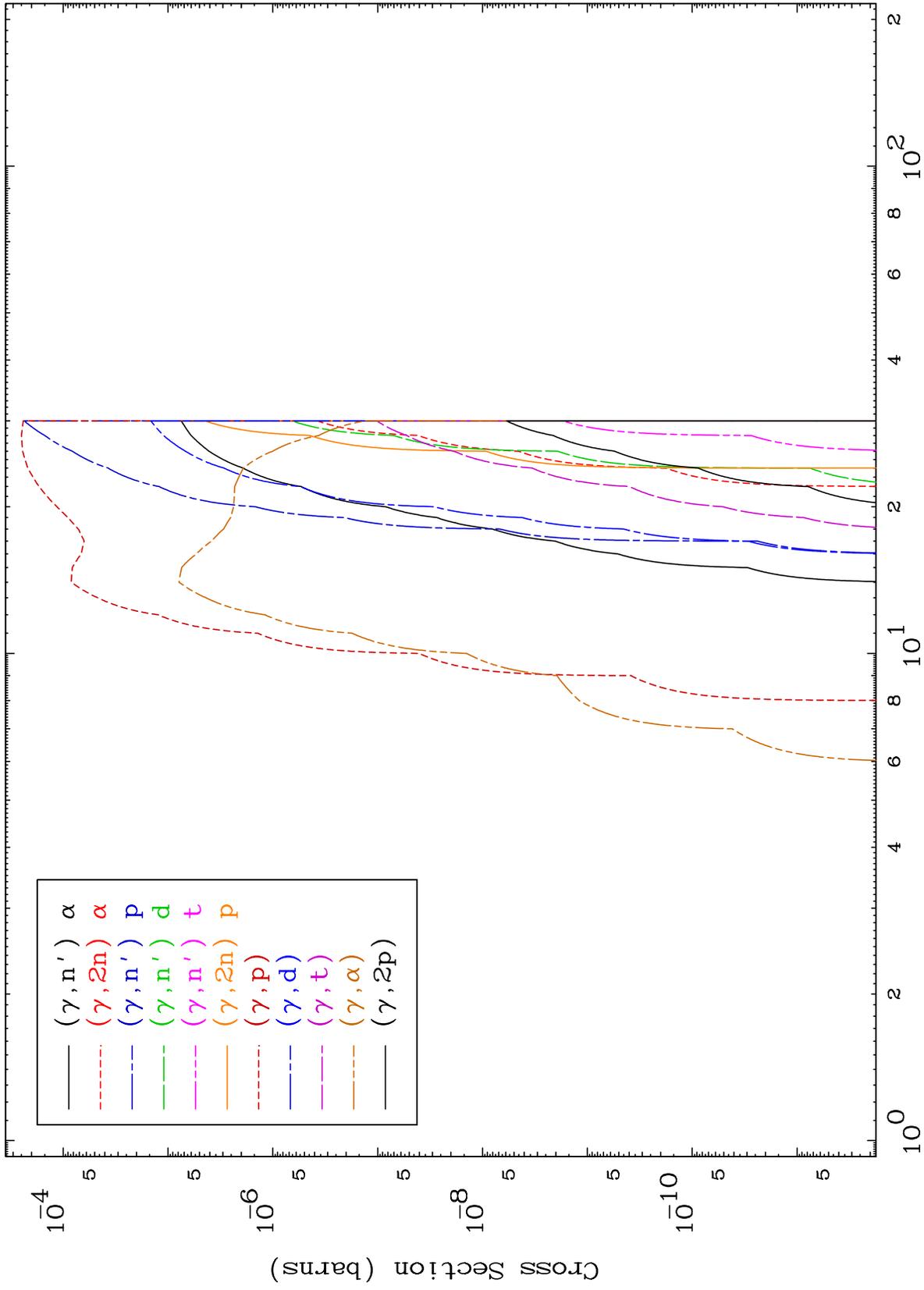
82-Pb-202



MAT 8219

Photon Charged Particle  
0 Kelvin Cross Sections

82-Pb-202



Incident Energy (MeV)

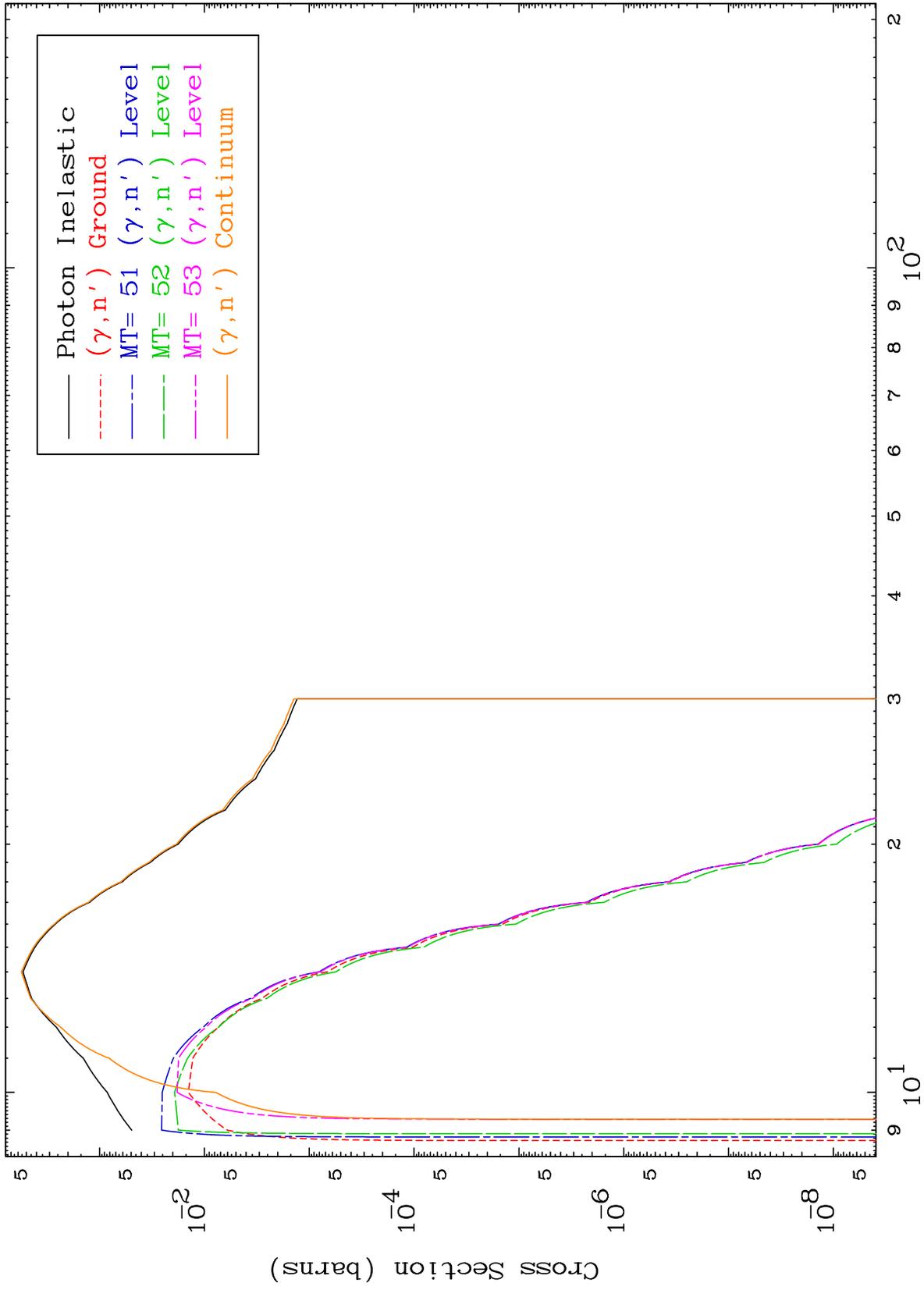
82-Pb-202

3

MAT 8219

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

82-Pb-202



4

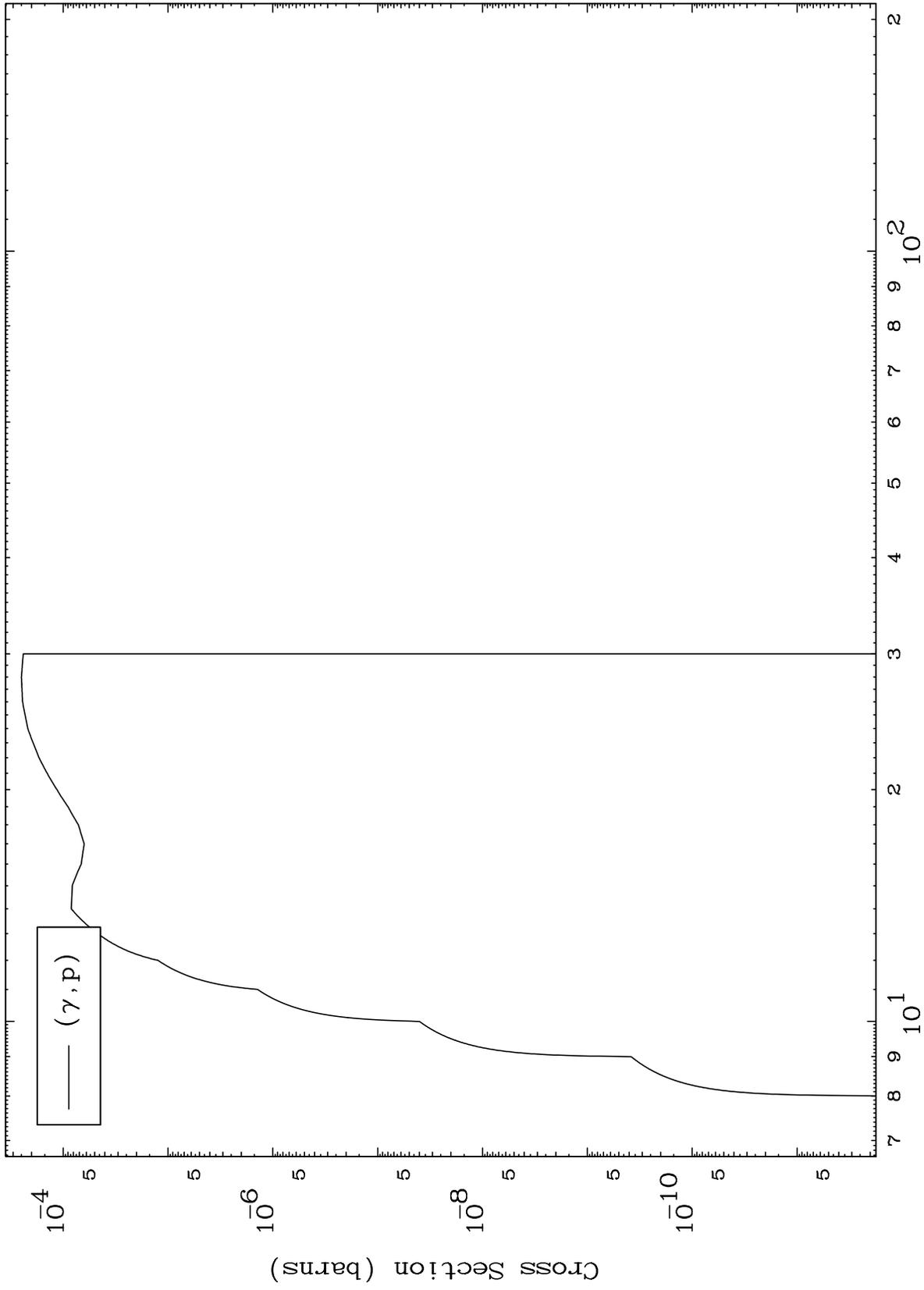
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



5

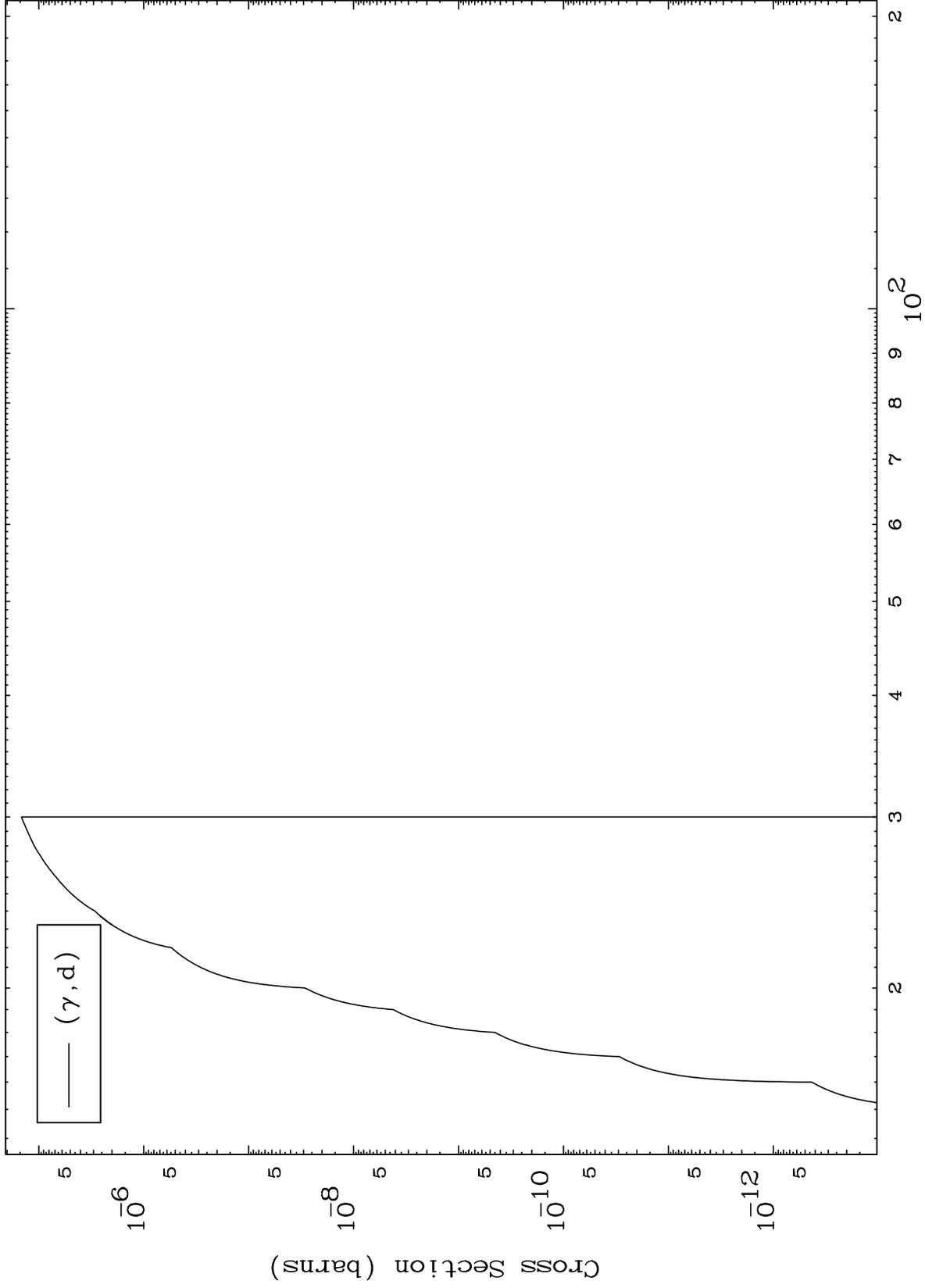
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



6

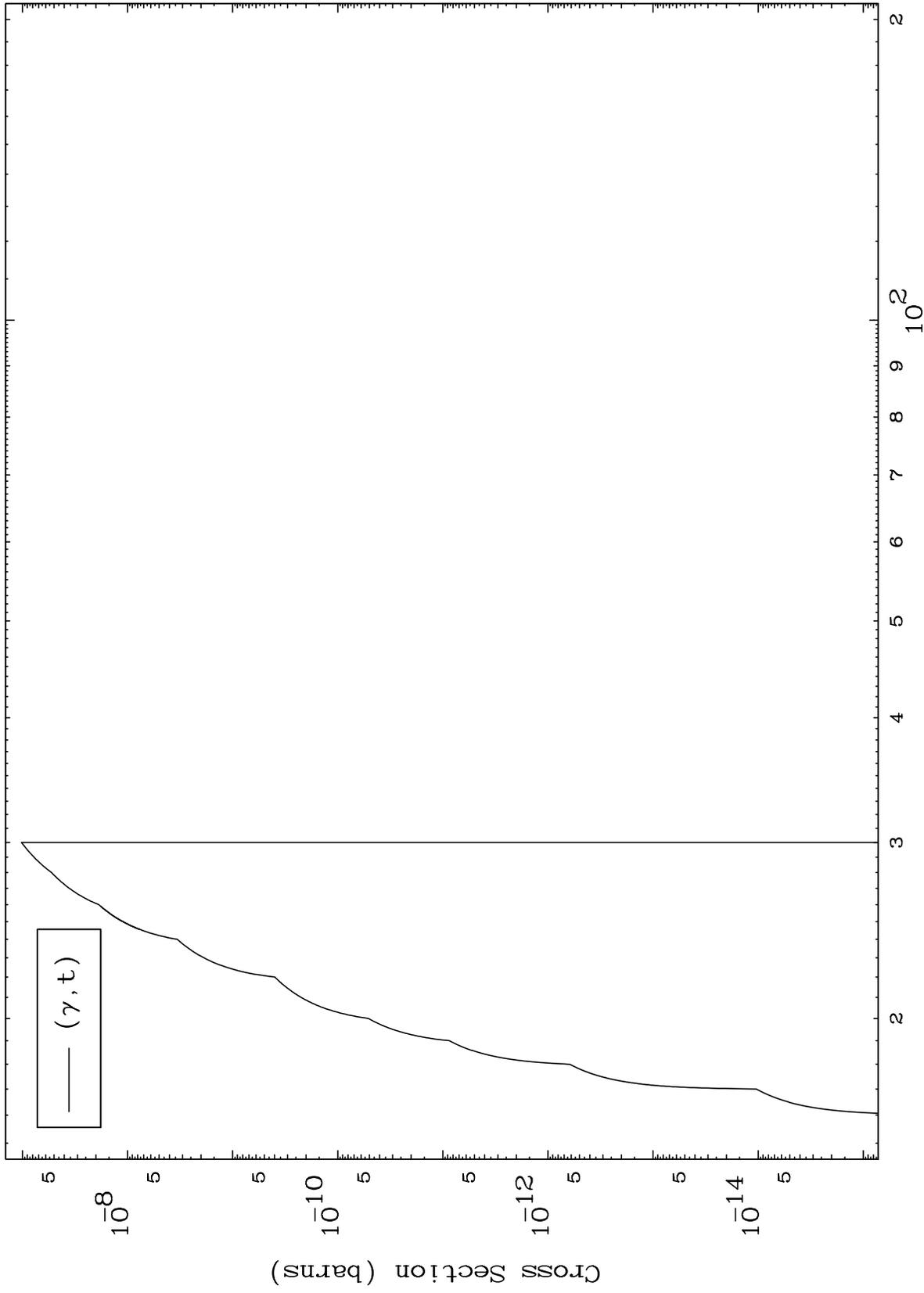
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



7

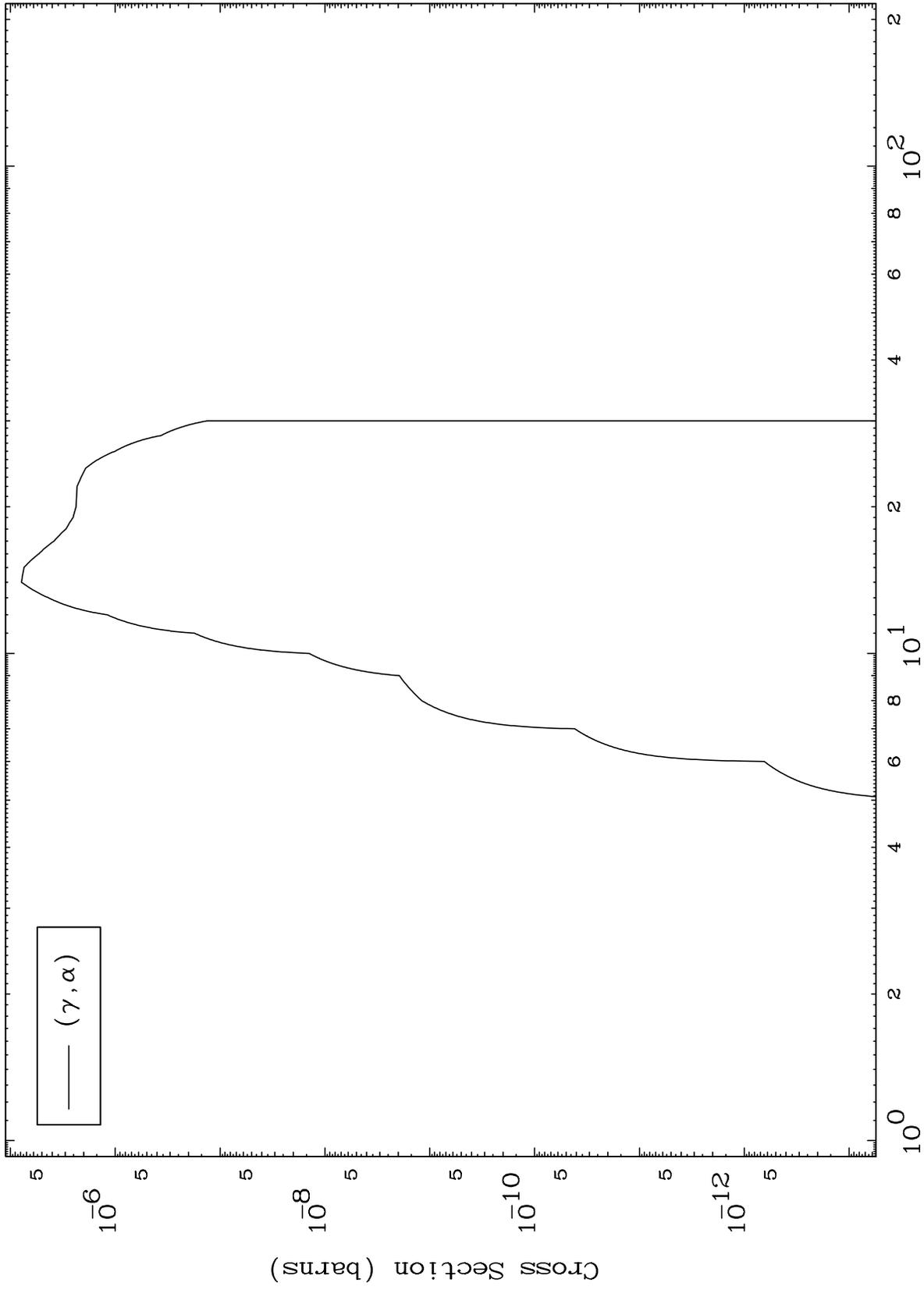
Incident Energy (MeV)

82-Pb-202

MAT 8219

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

82-Pb-202



Incident Energy (MeV)

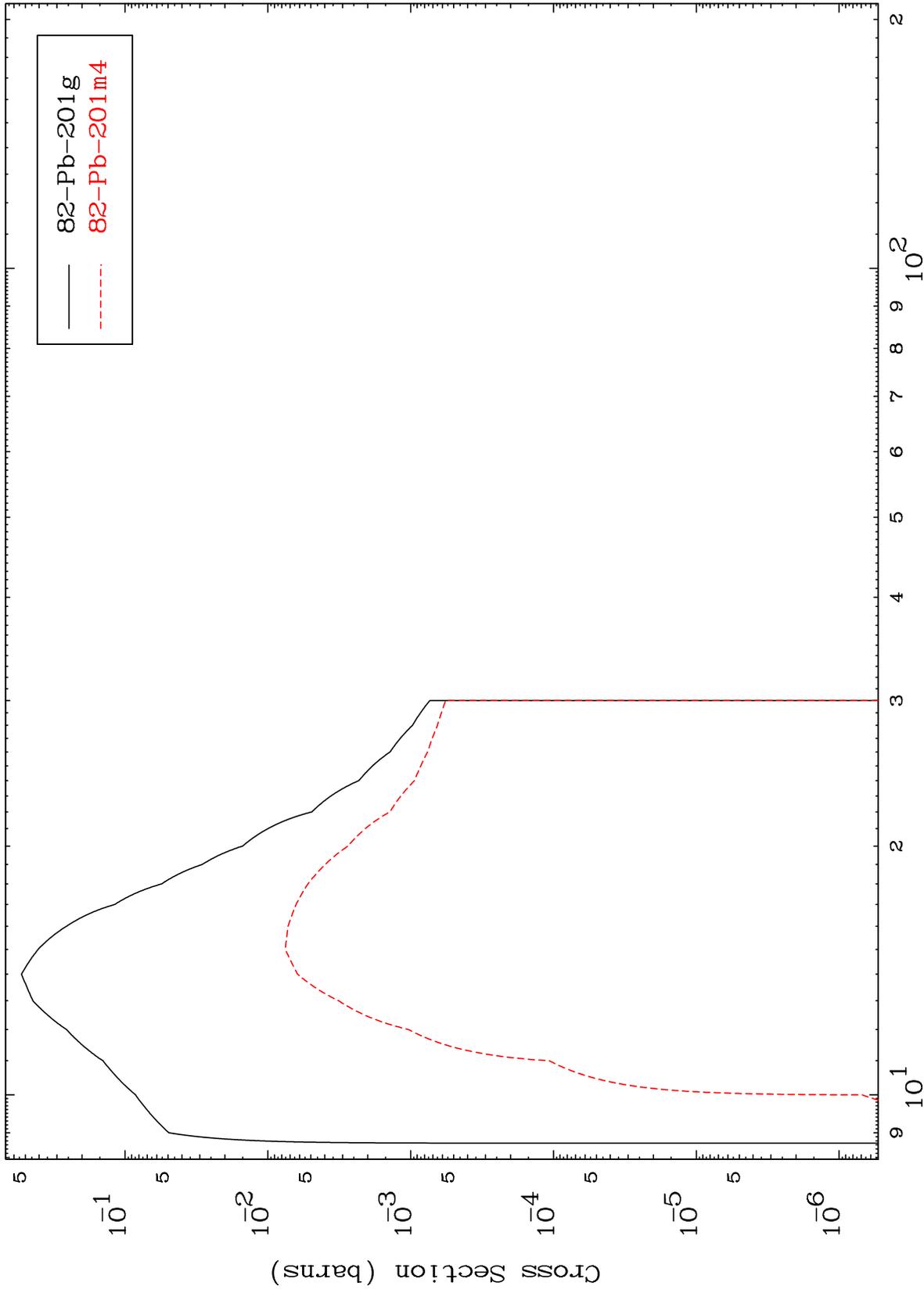
82-Pb-202

MAT 8219

Photon Inelastic

82-Pb-202

Radionuclide Production Cross Section



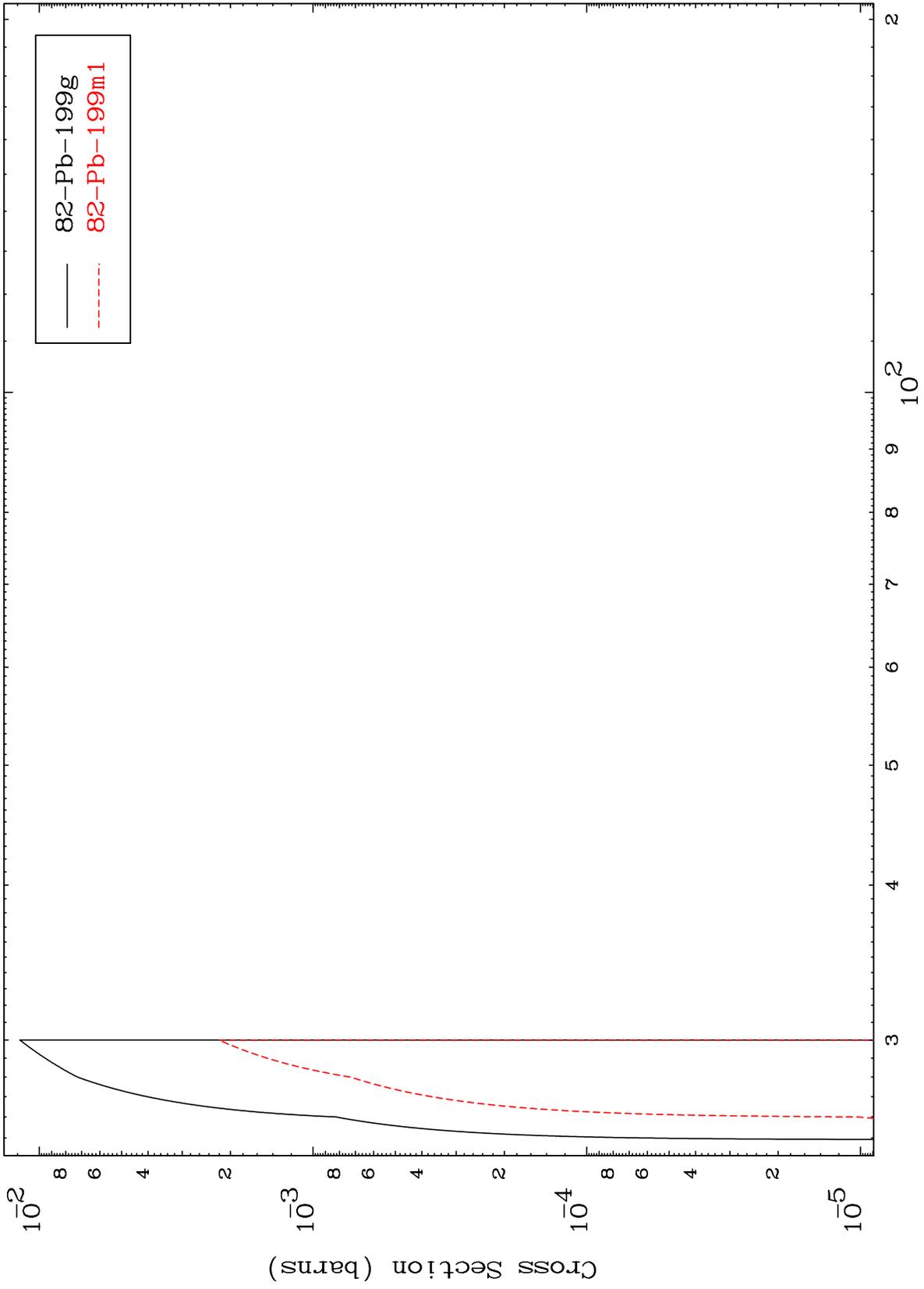
Incident Energy (MeV)

82-Pb-202

MAT 8219

82-Pb-202

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



10

Incident Energy (MeV)

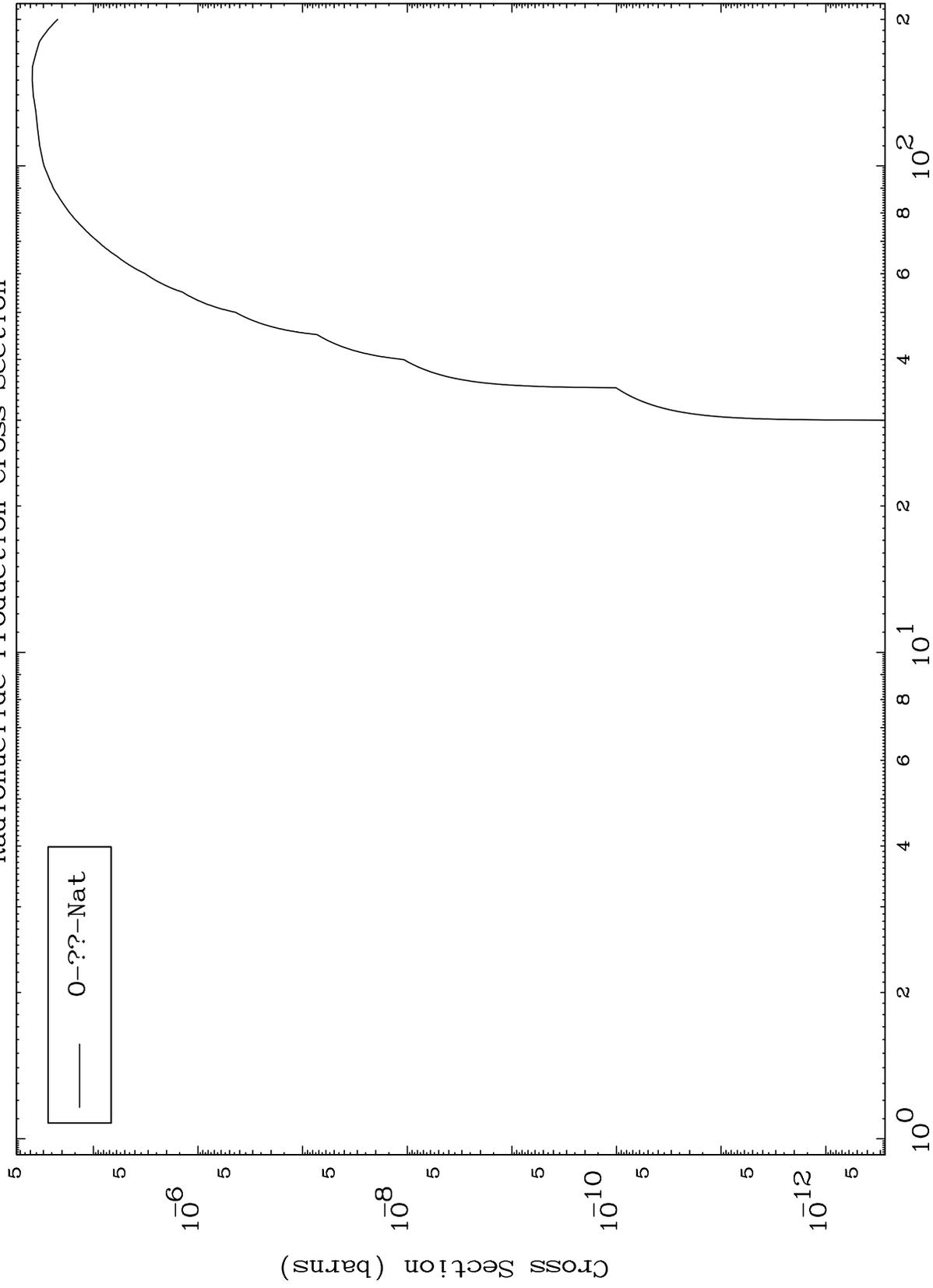
82-Pb-202

MAT 8219

Photon Fission

82-Pb-202

Radionuclide Production Cross Section



11

Incident Energy (MeV)

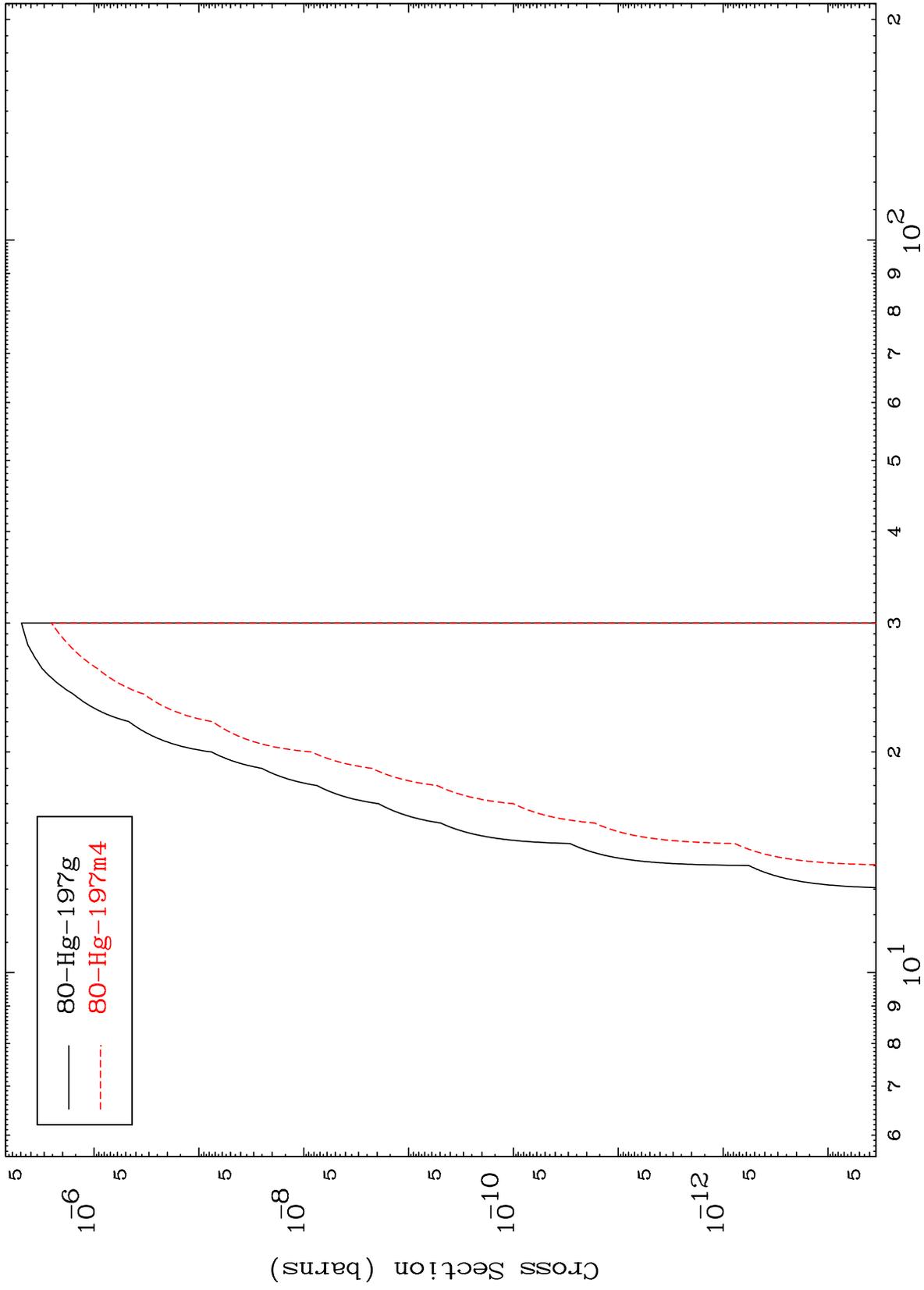
82-Pb-202

MAT 8219

$(\gamma, n')$   $\alpha$

82-Pb-202

Radionuclide Production Cross Section



80-Hg-197g  
80-Hg-197m4

12

Incident Energy (MeV)

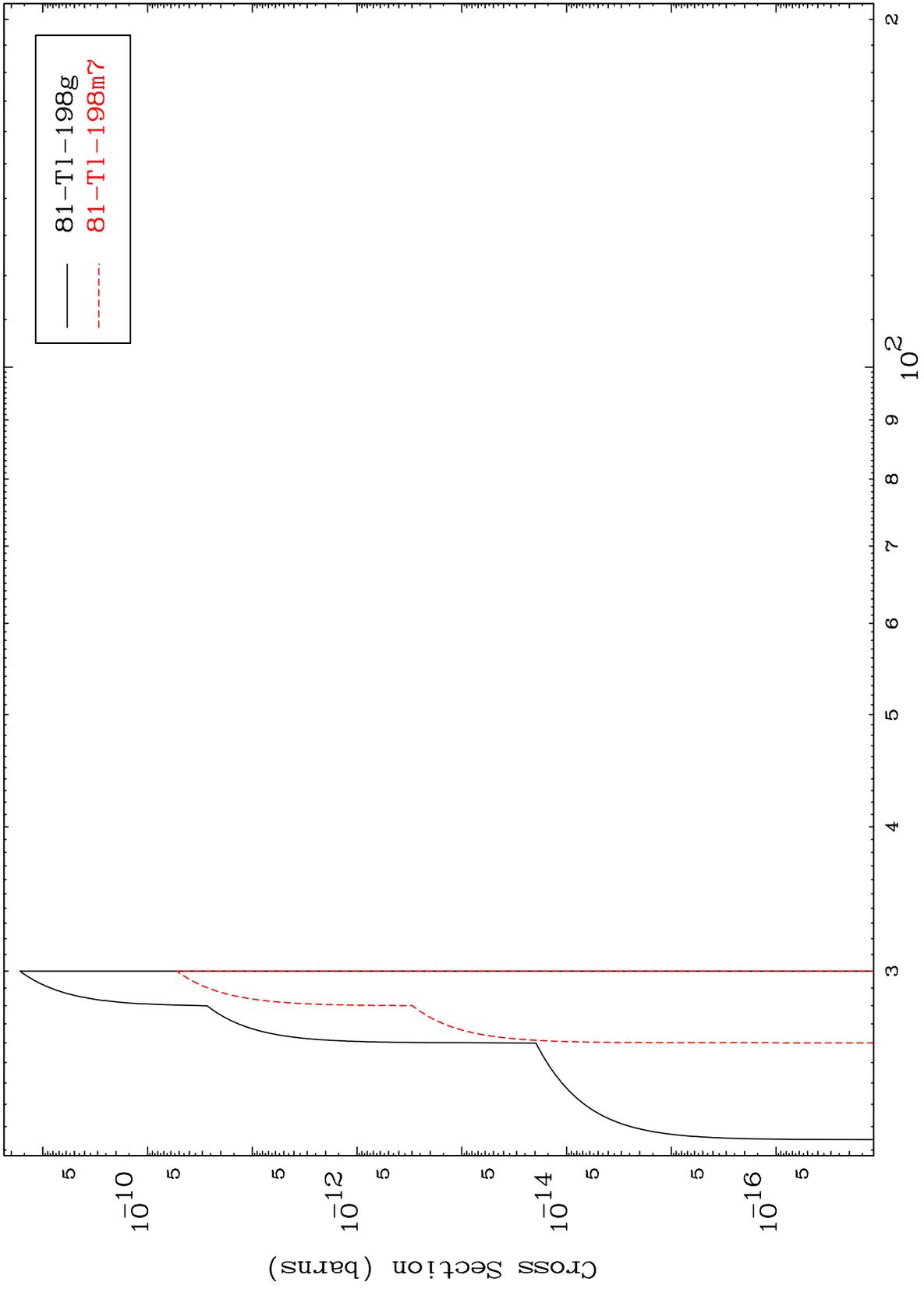
82-Pb-202

MAT 8219

( $\gamma, n'$ ) t

82-Pb-202

Radionuclide Production Cross Section



13

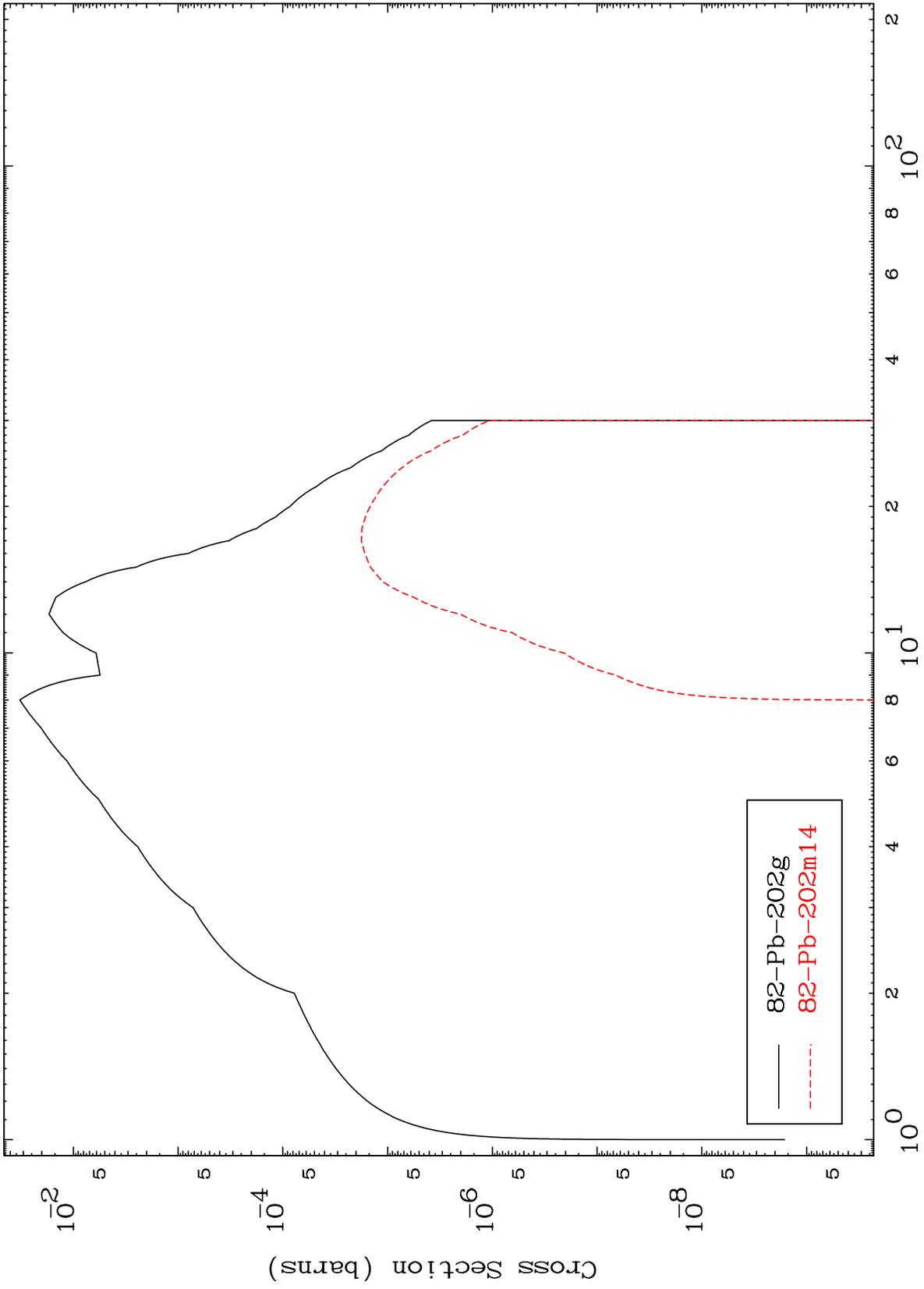
Incident Energy (MeV)

82-Pb-202

MAT 8219

82-Pb-202

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



14

Incident Energy (MeV)

82-Pb-202