

Program EVALPLOT  
(Version 2018-1)

by

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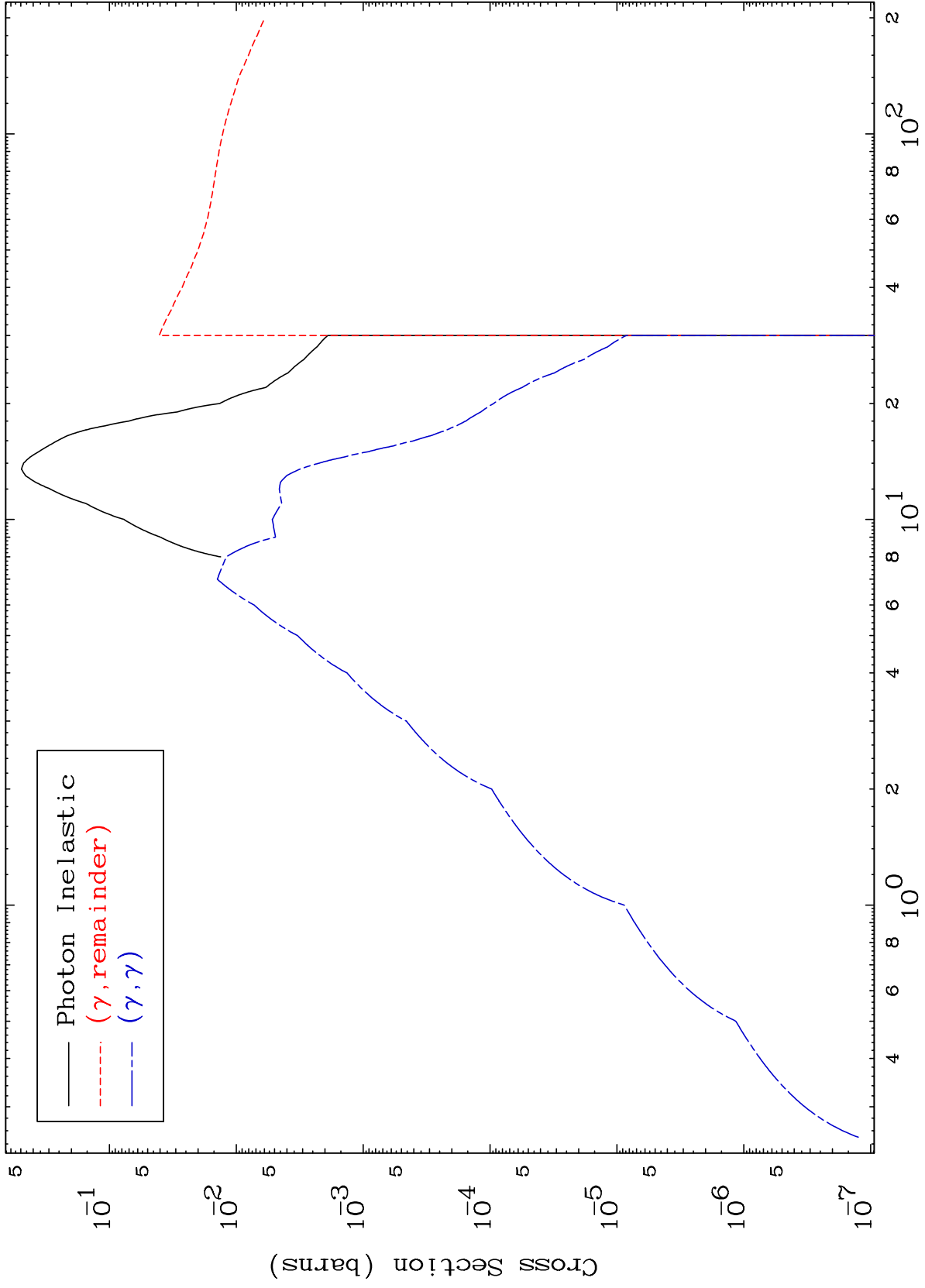
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8216

Photon Major  
0 Kelvin Cross Sections

82-Pb-201



1

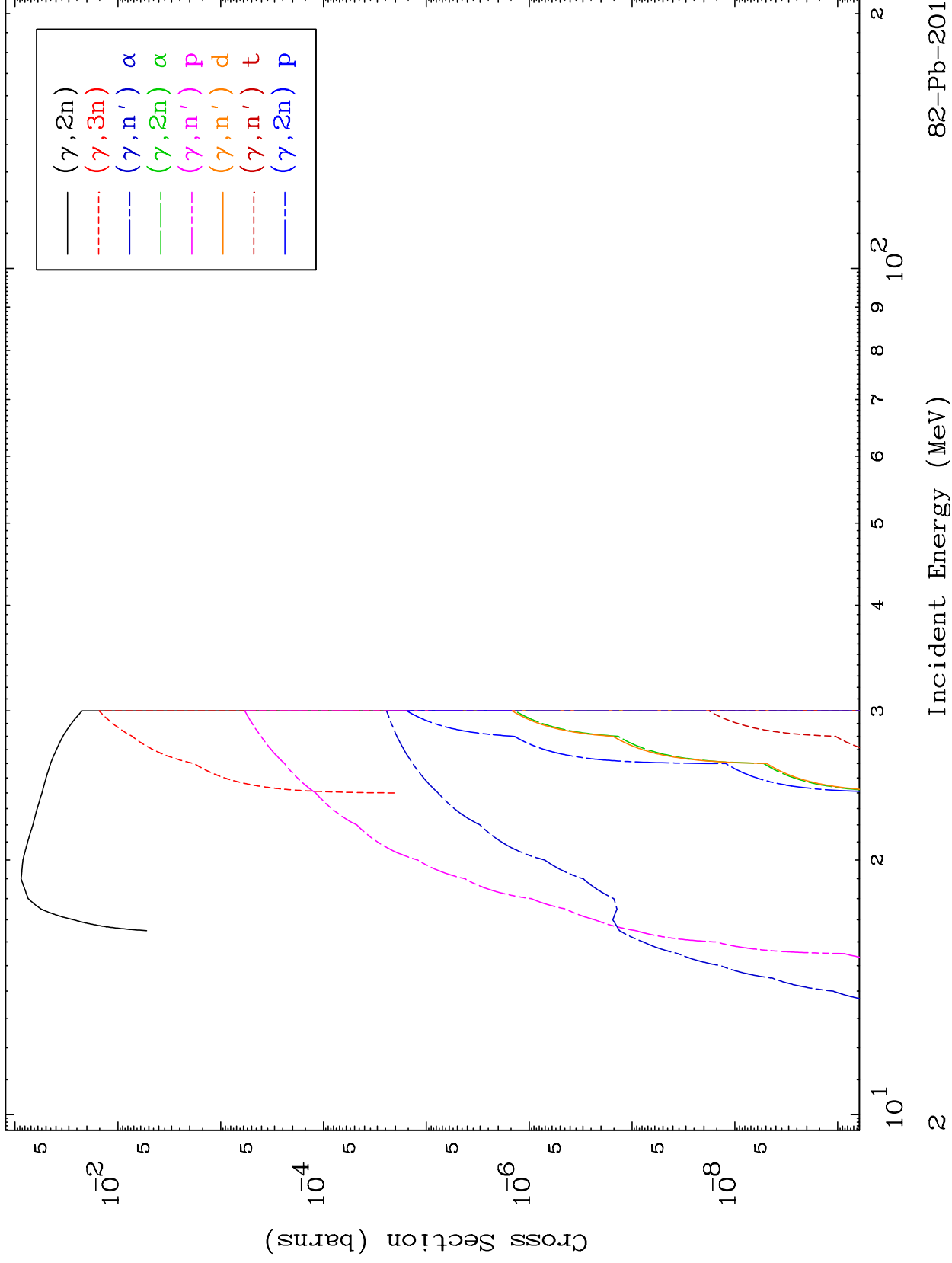
Incident Energy (MeV)

82-Pb-201

MAT 8216

Photon Neutron Production  
0 Kelvin Cross Sections

82-Pb-201

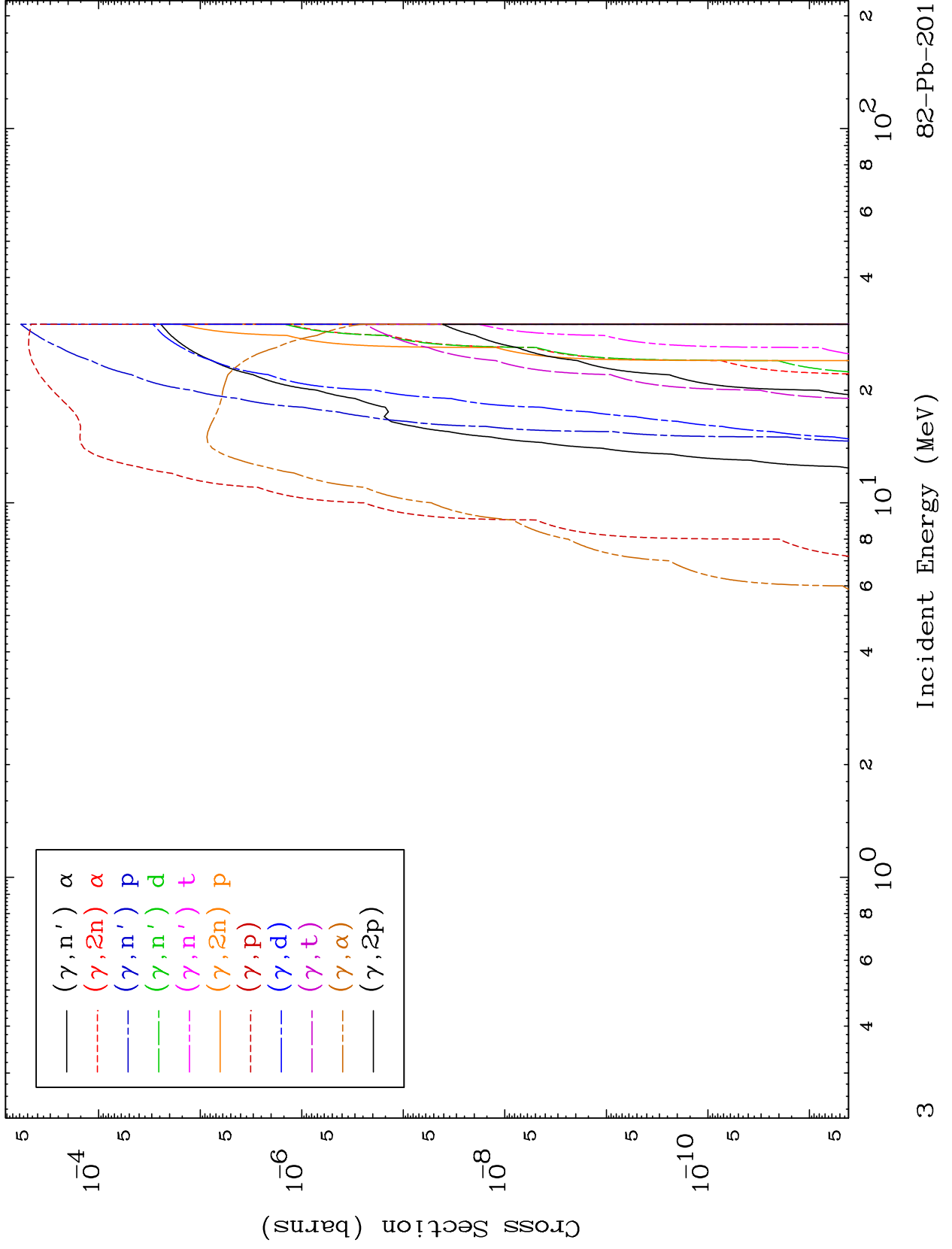


82-Pb-201

MAT 8216

Photon Charged Particle  
0 Kelvin Cross Sections

82-Pb-201

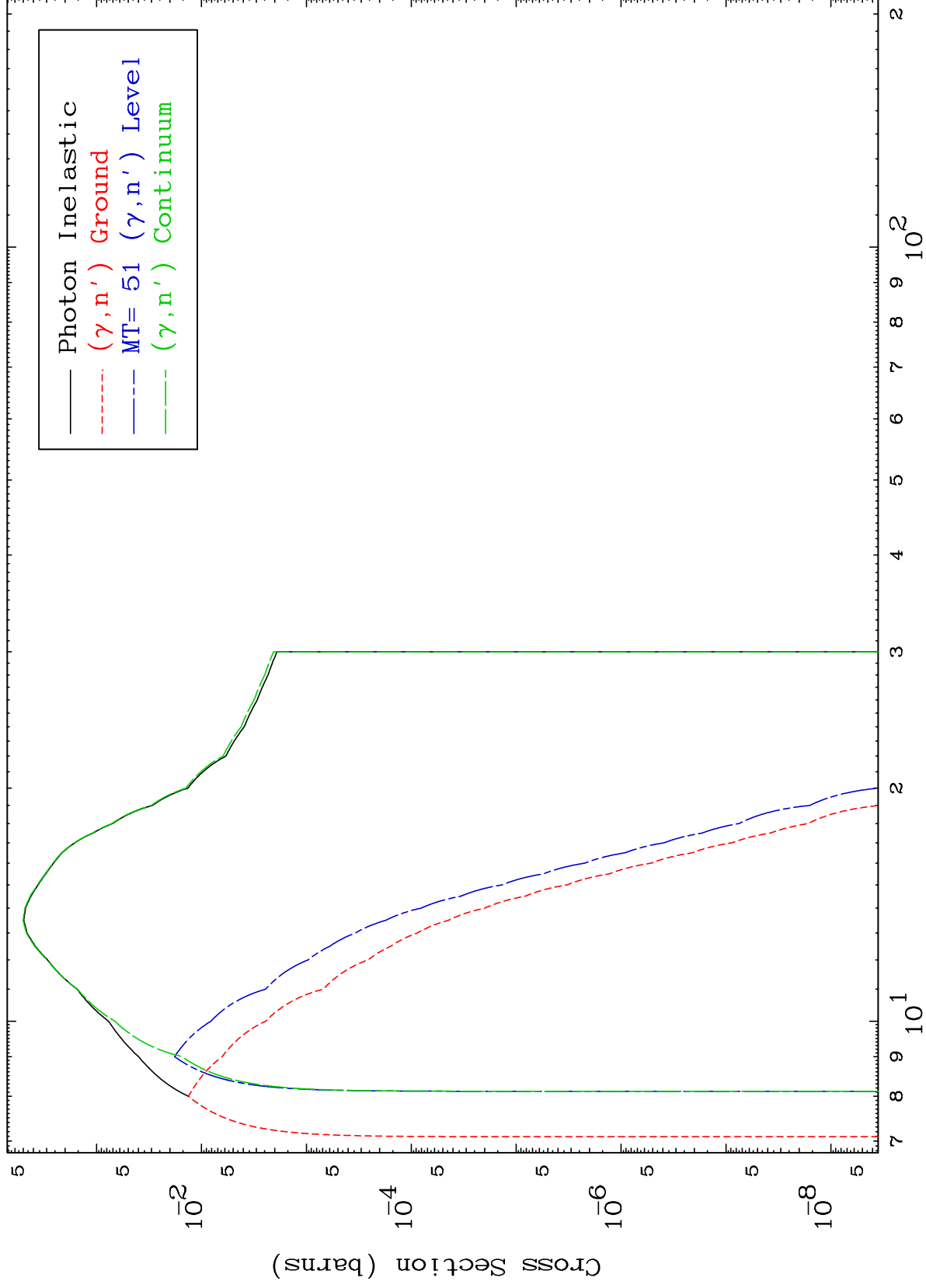


MAT 8216

( $\gamma, n'$ ) Level

82-Pb-201

0 Kelvin Cross Sections



4

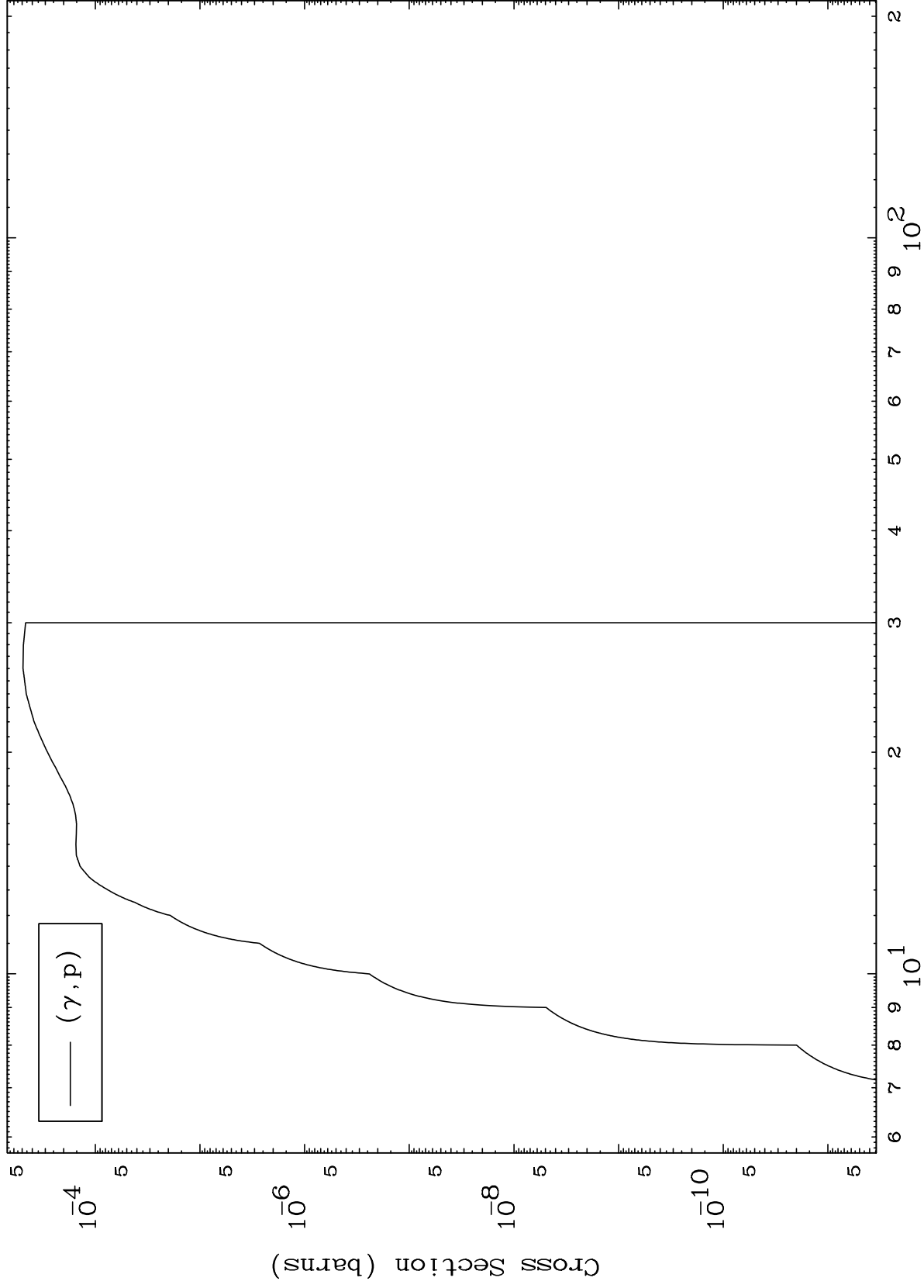
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



5

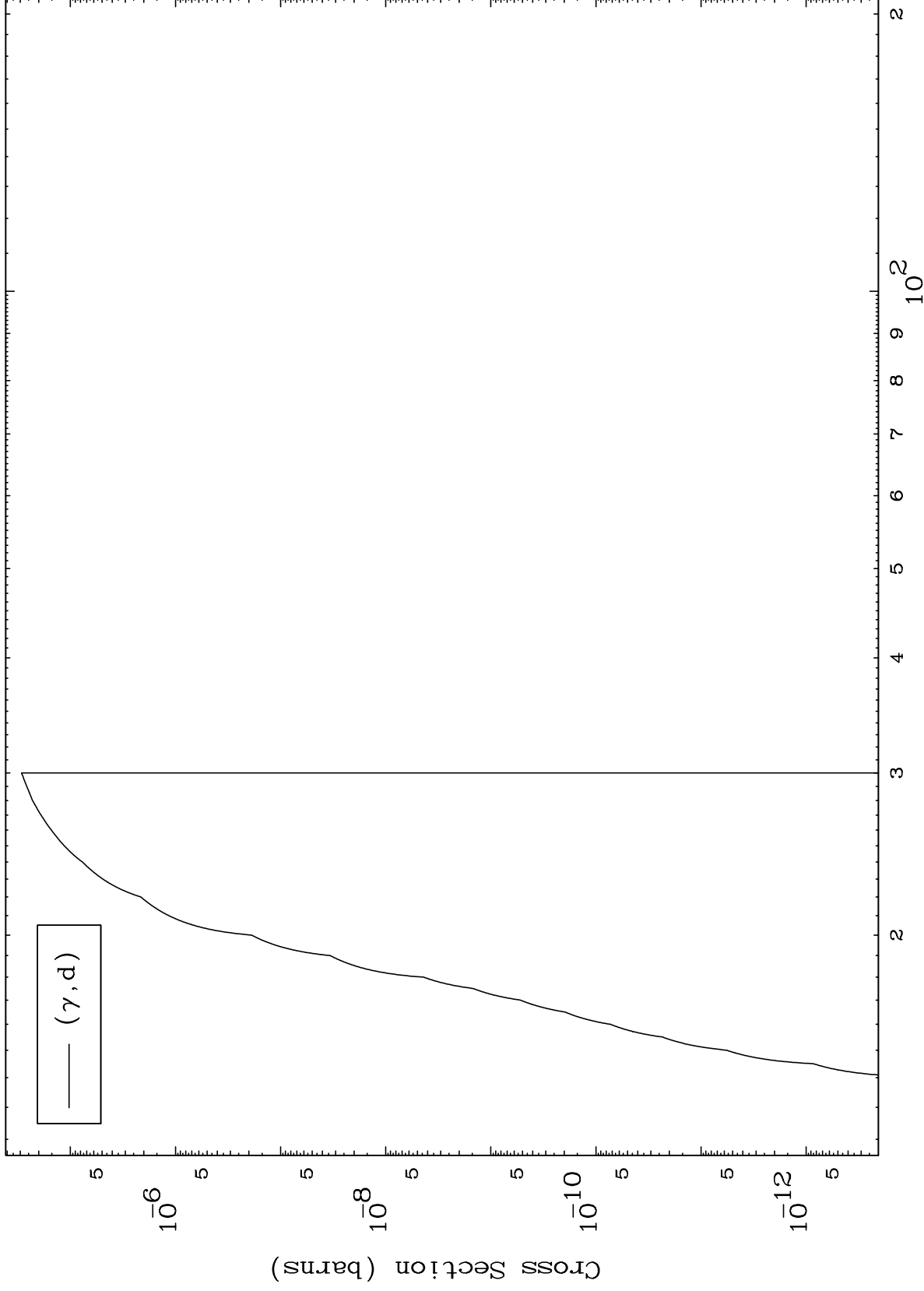
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



6

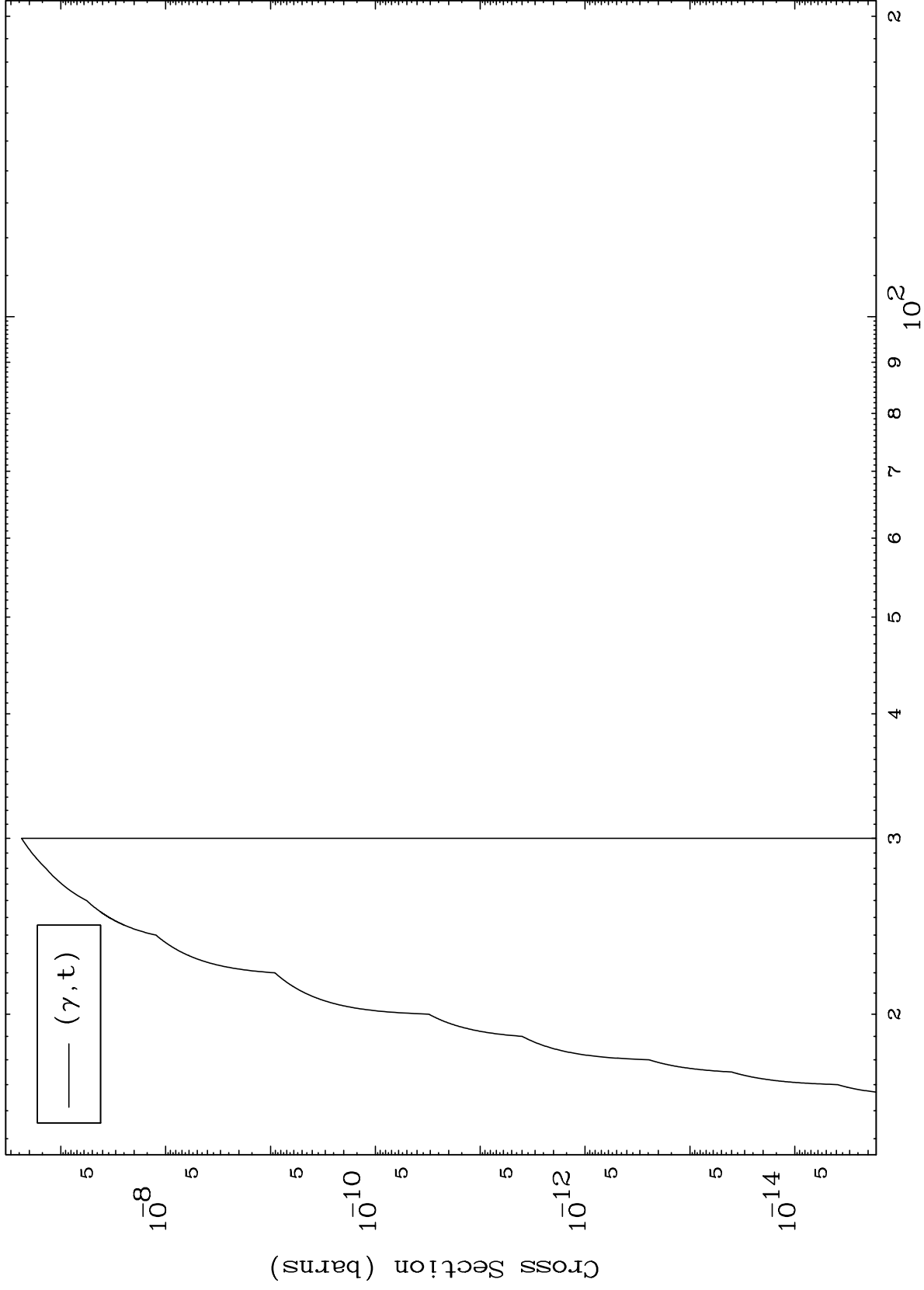
Incident Energy (MeV)

82-Pb-201

MAT 8216

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

82-Pb-201



7

Incident Energy (MeV)

82-Pb-201

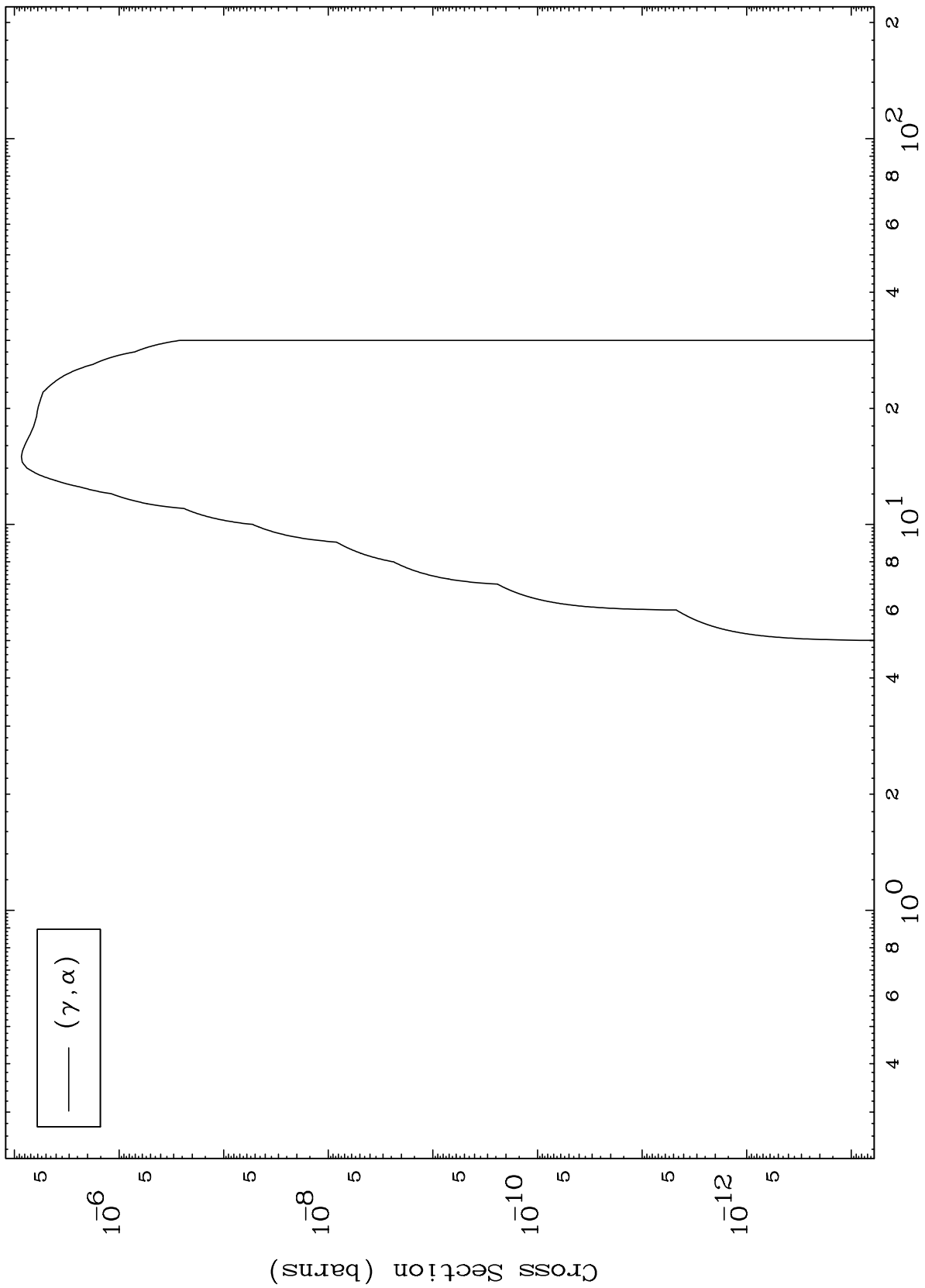


MAT 8216

( $\gamma, \alpha$ ) Levels

82-Pb-201

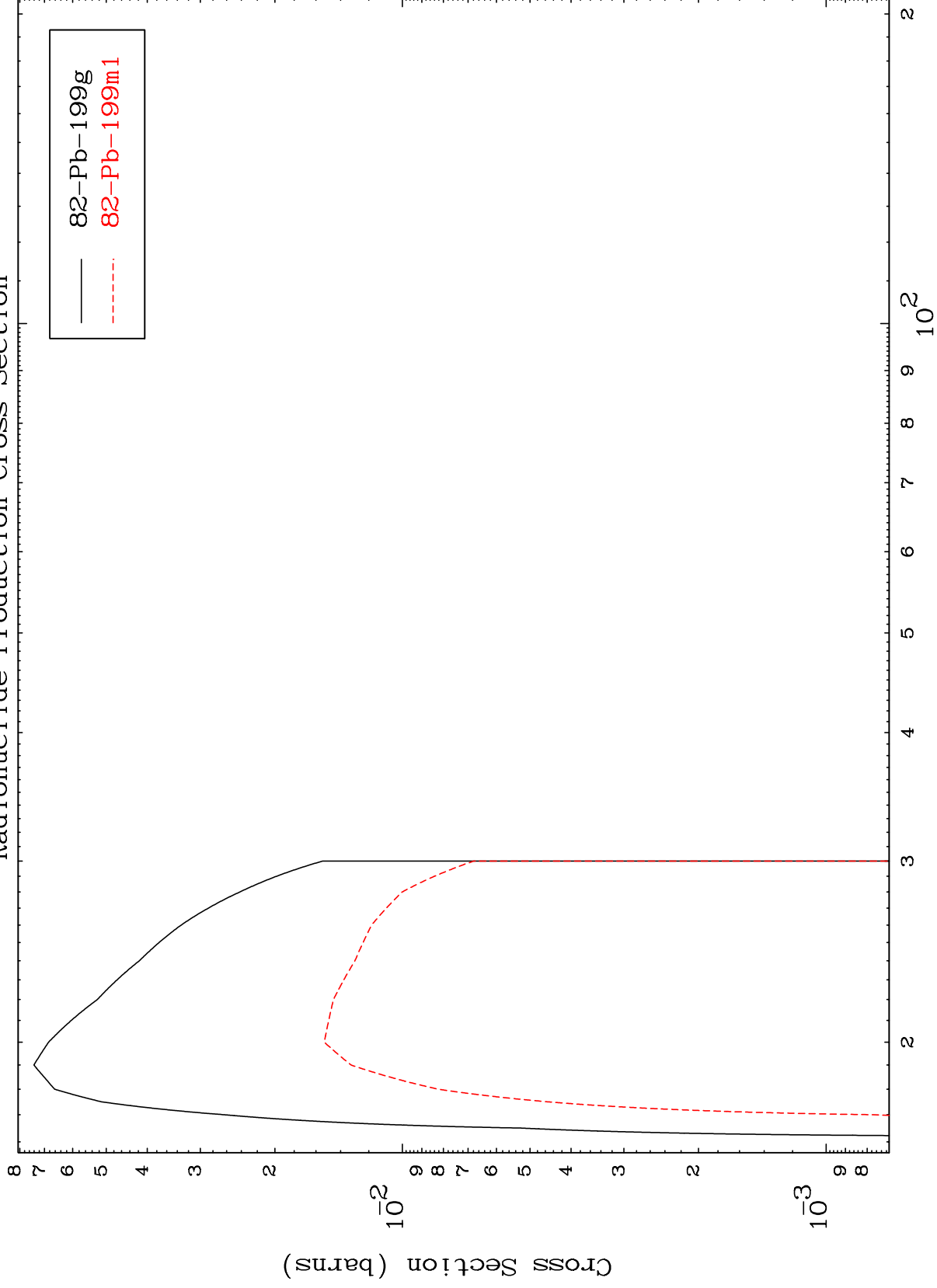
0 Kelvin Cross Sections



MAT 8216

82-Pb-201

Radionuclide Production Cross Section  
( $\gamma, 2n$ )



82-Pb-201

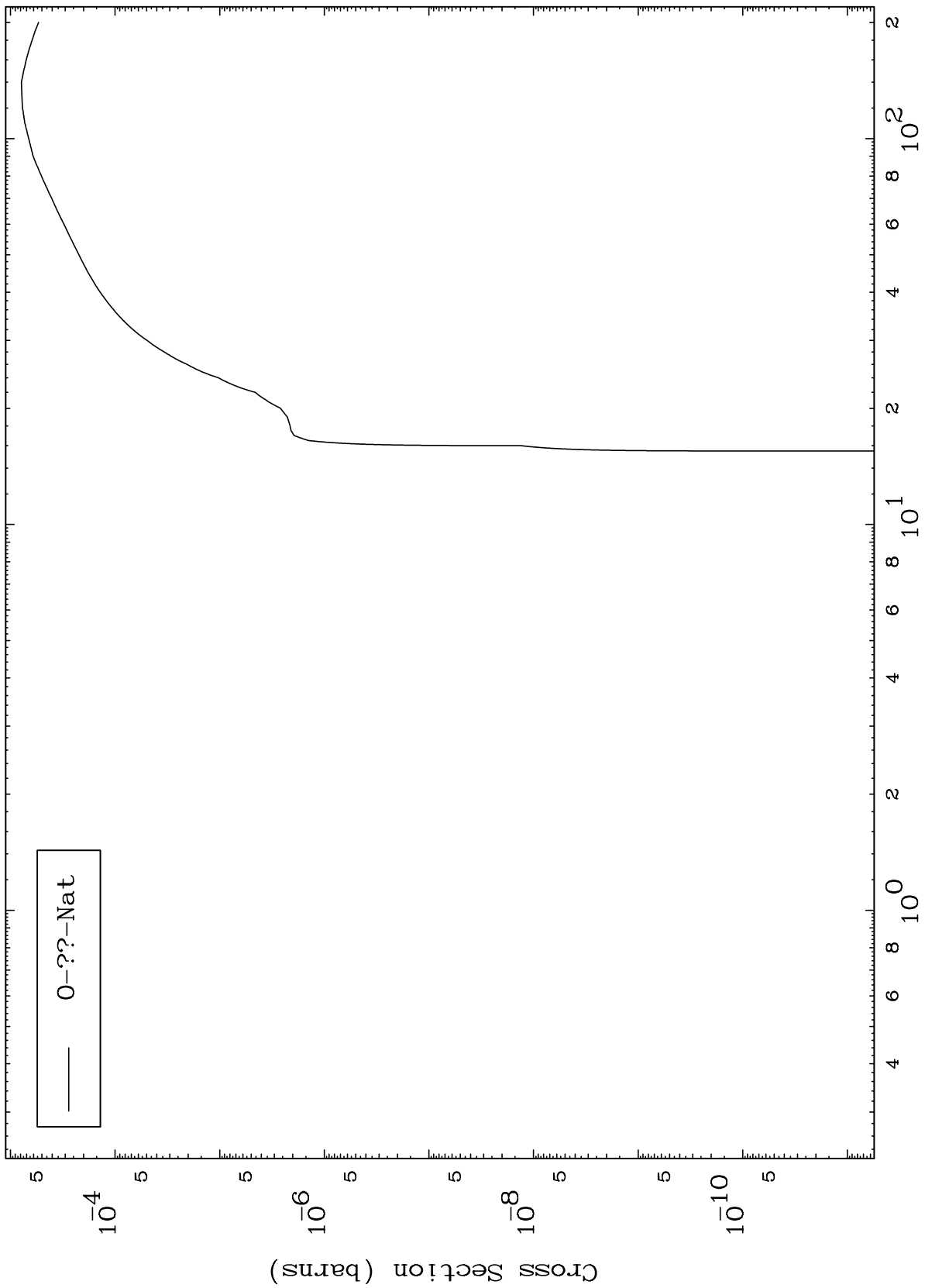
Incident Energy (MeV)

9

MAT 8216

Photon Fission  
Radionuclide Production Cross Section

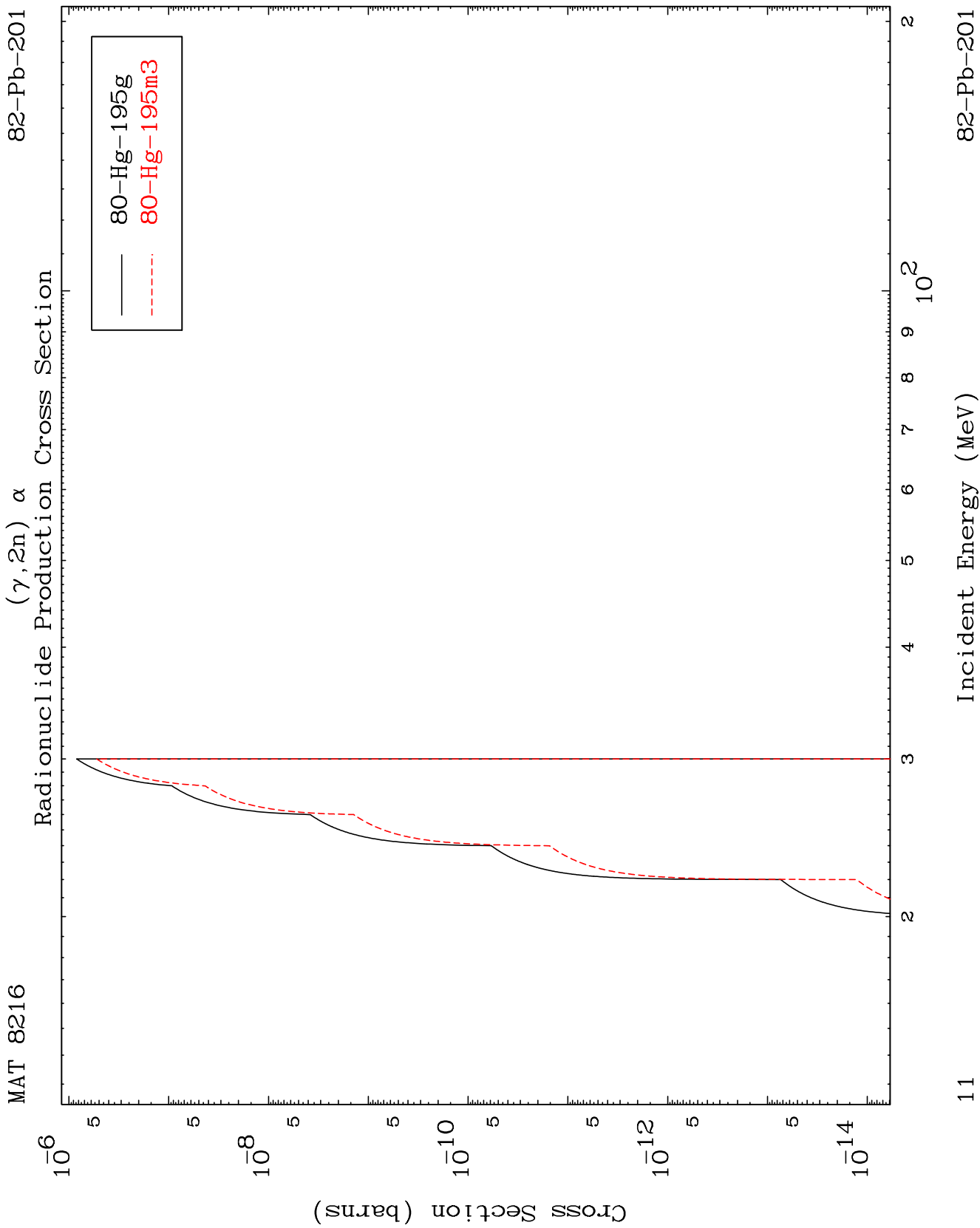
82-Pb-201



10

Incident Energy (MeV)

82-Pb-201

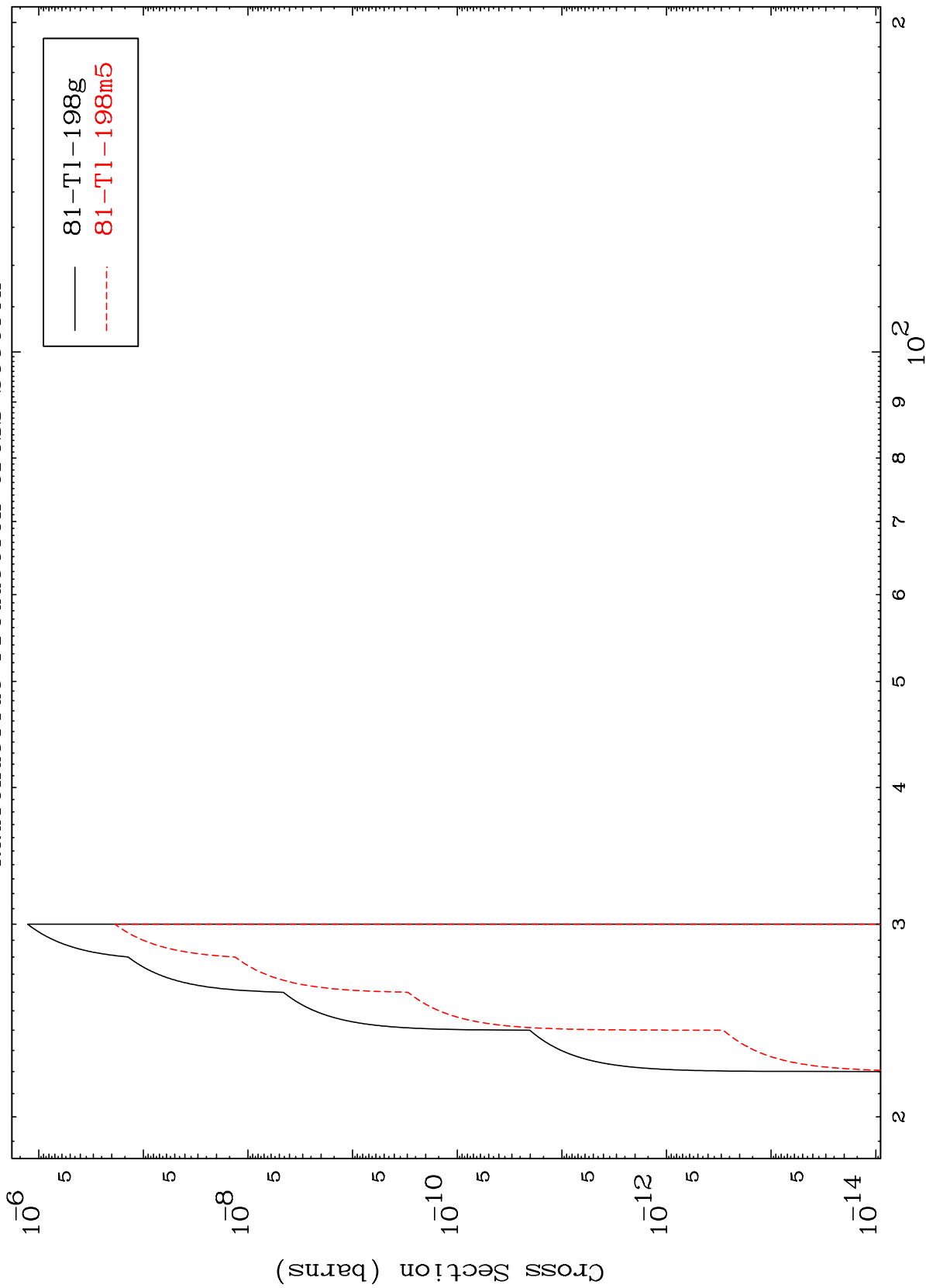


MAT 8216

$(\gamma, n')$  d

82-Pb-201

Radionuclide Production Cross Section



12

Incident Energy (MeV)

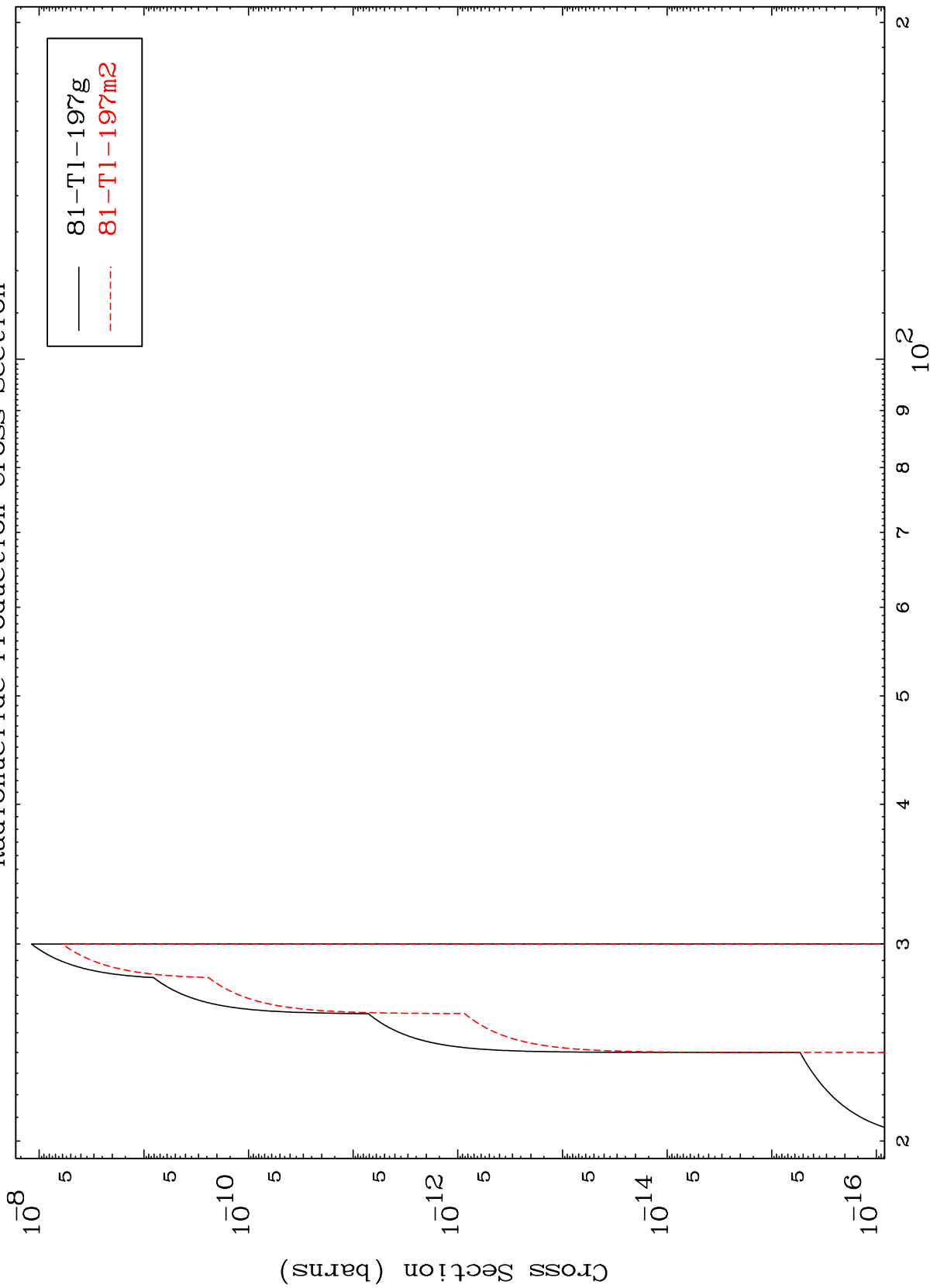
82-Pb-201

MAT 8216

( $\gamma, n'$ ) t

82-Pb-201

Radionuclide Production Cross Section



13

Incident Energy (MeV)

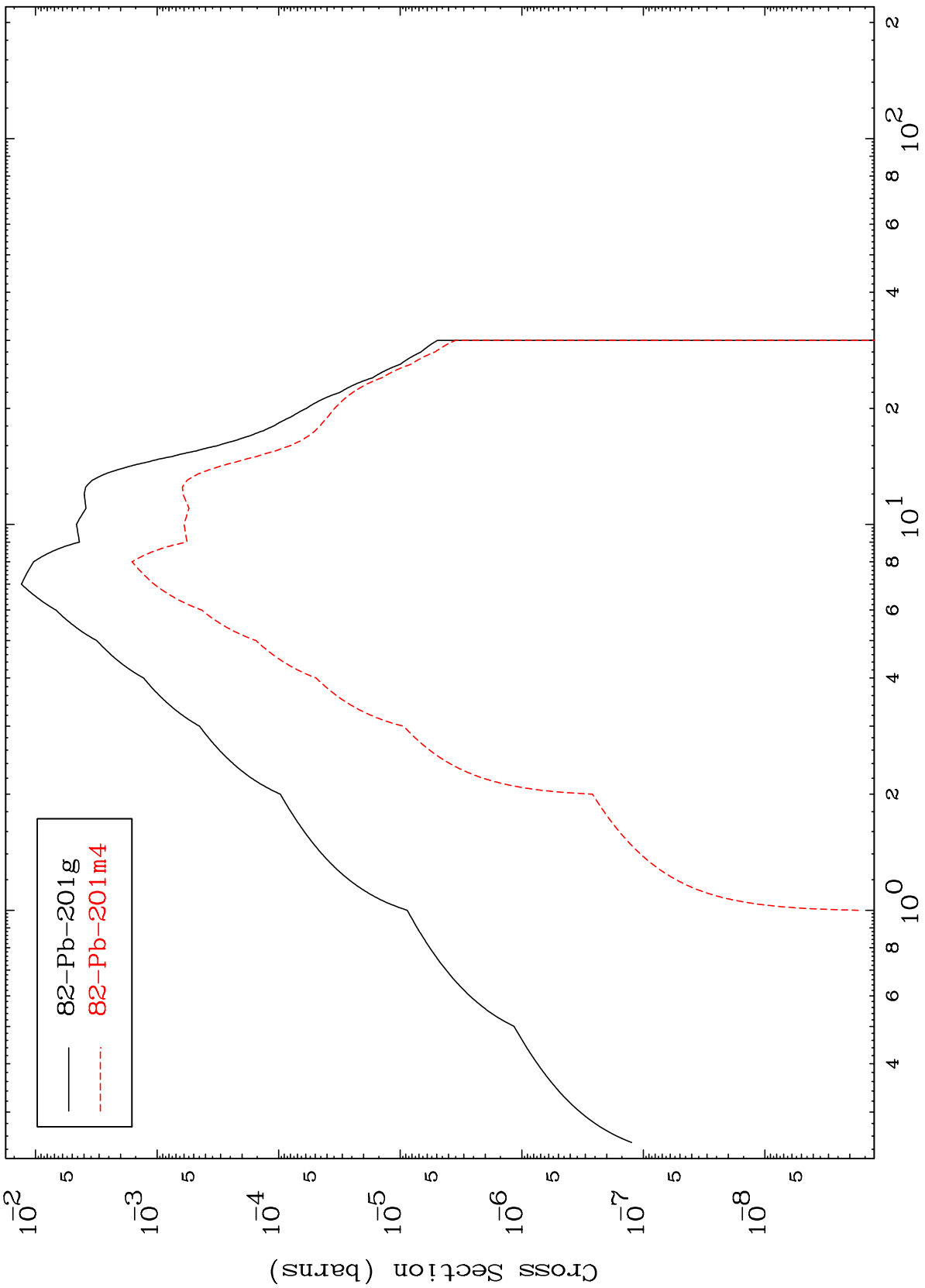
82-Pb-201



MAT 8216

82-Pb-201

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



— 82-Pb-201 g  
- - - 82-Pb-201 m4

15

Incident Energy (MeV)

82-Pb-201

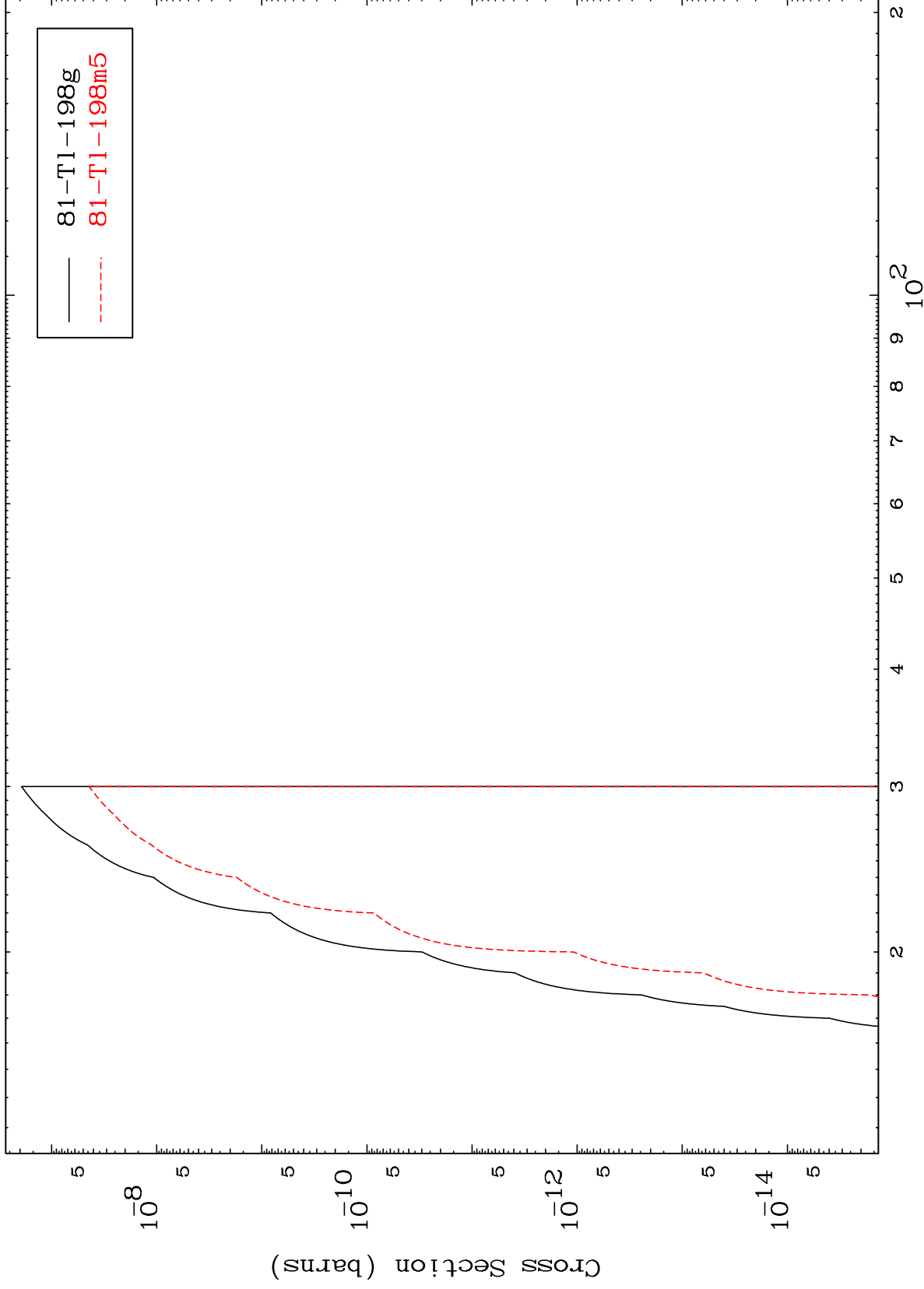


MAT 8216

( $\gamma, t$ )

82-Pb-201

Radionuclide Production Cross Section



16

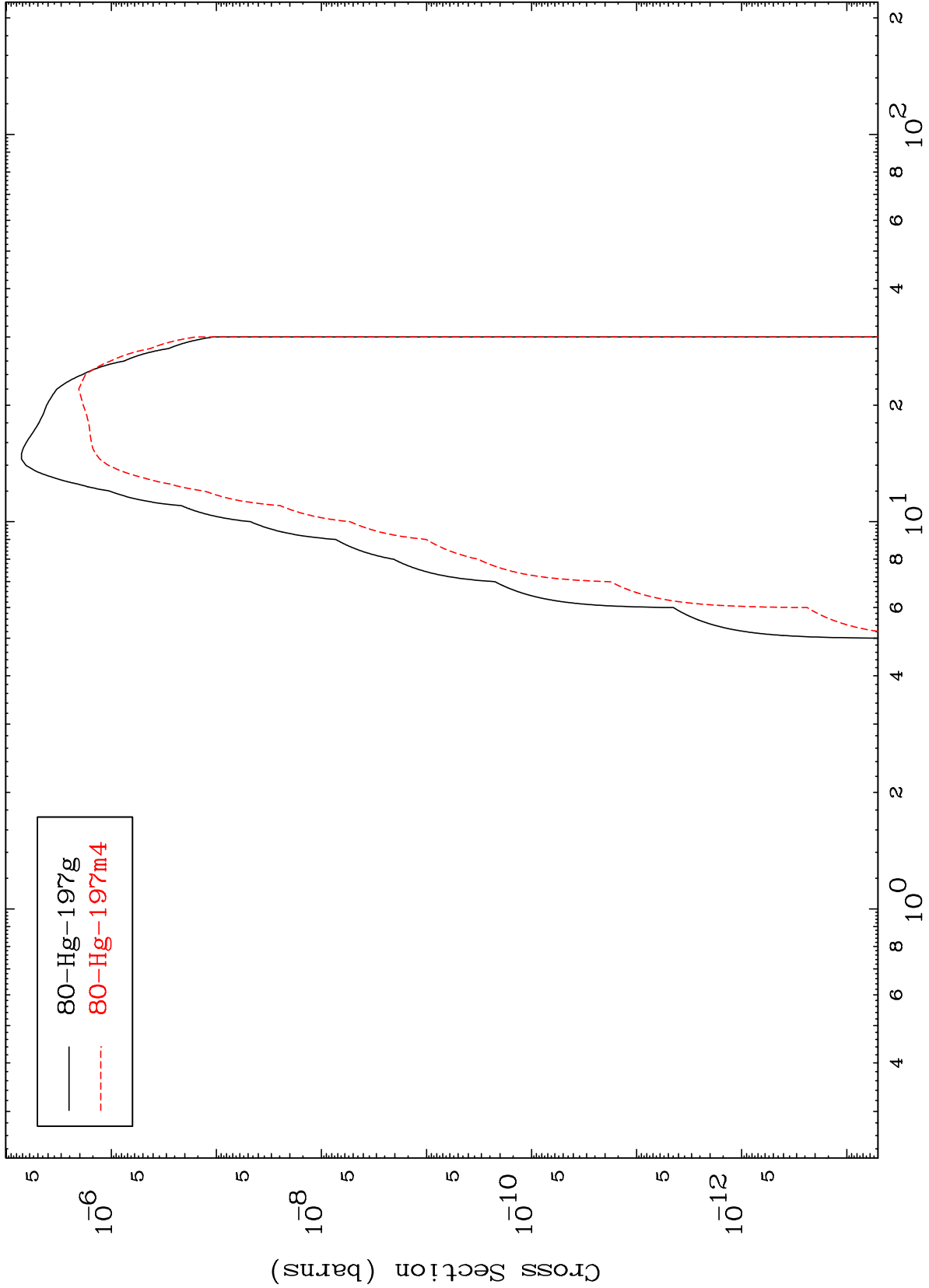
Incident Energy (MeV)

82-Pb-201

MAT 8216

82-Pb-201

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



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

17

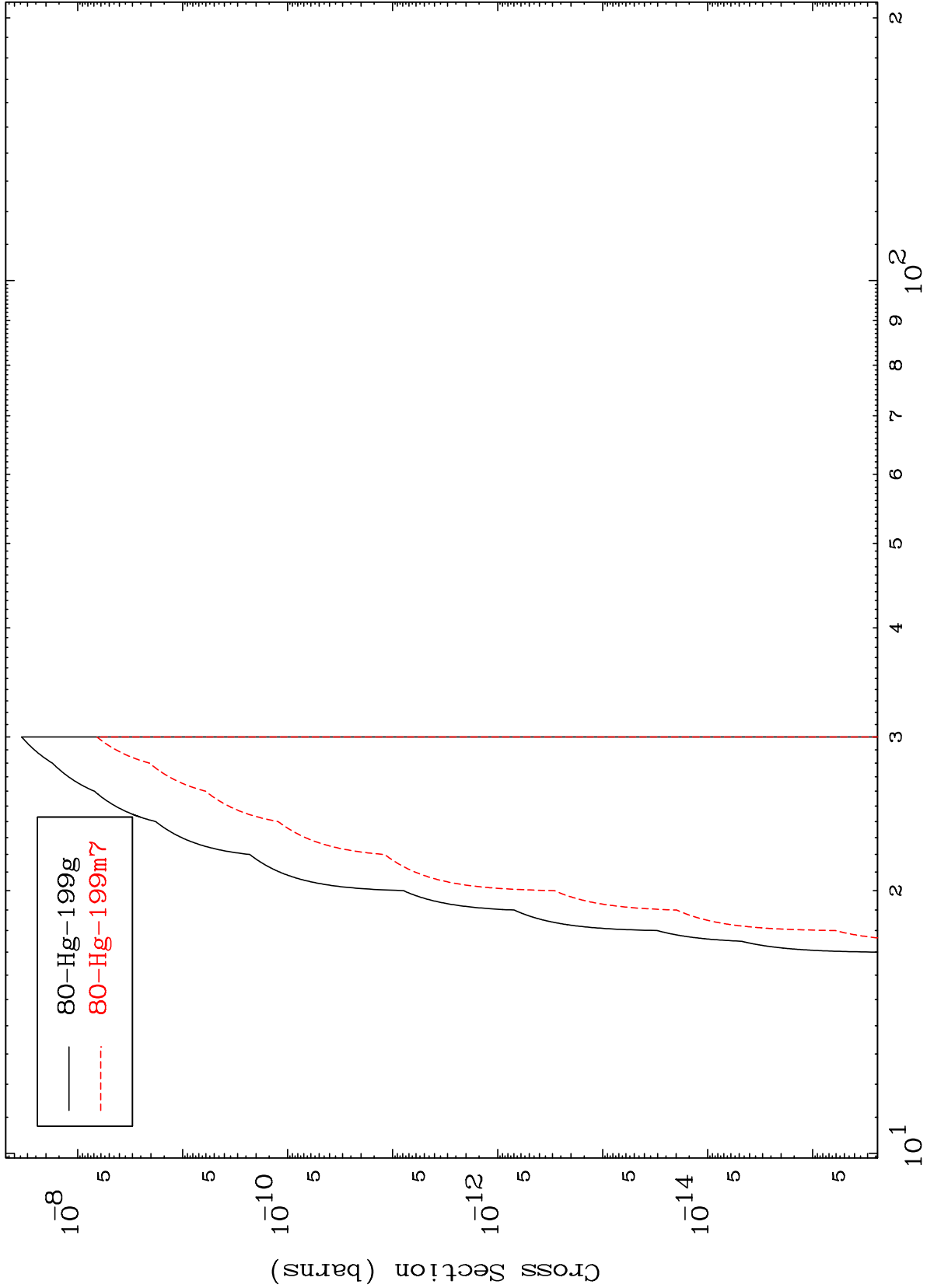
82-Pb-201

Incident Energy (MeV)

MAT 8216

82-Pb-201

( $\gamma, 2p$ )  
Radionuclide Production Cross Section



82-Pb-201

Incident Energy (MeV)

18