

Program EVALPLOT  
(Version 2018-1)

by

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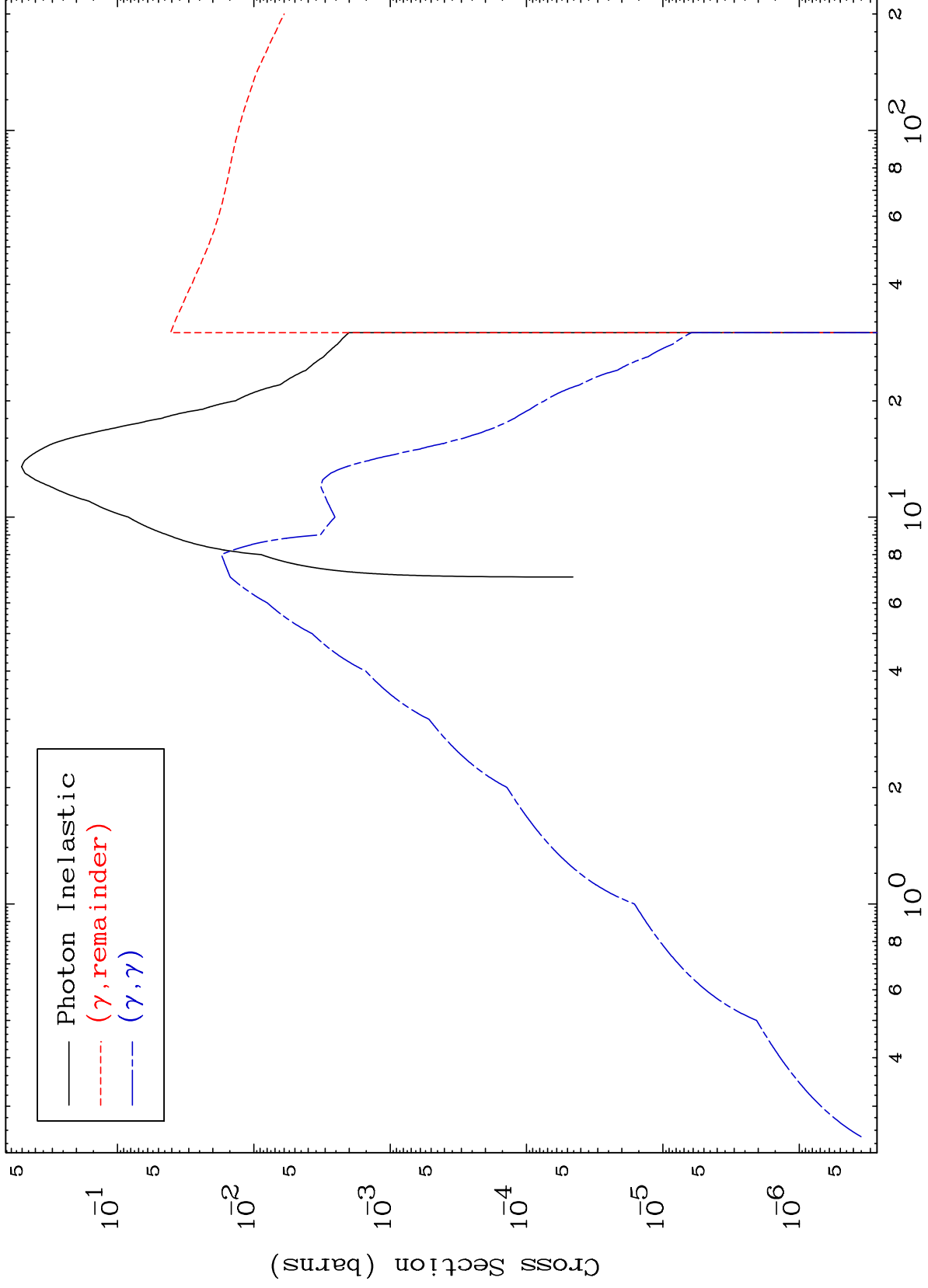
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 8223

Photon Major  
0 Kelvin Cross Sections

82-Pb-203



1

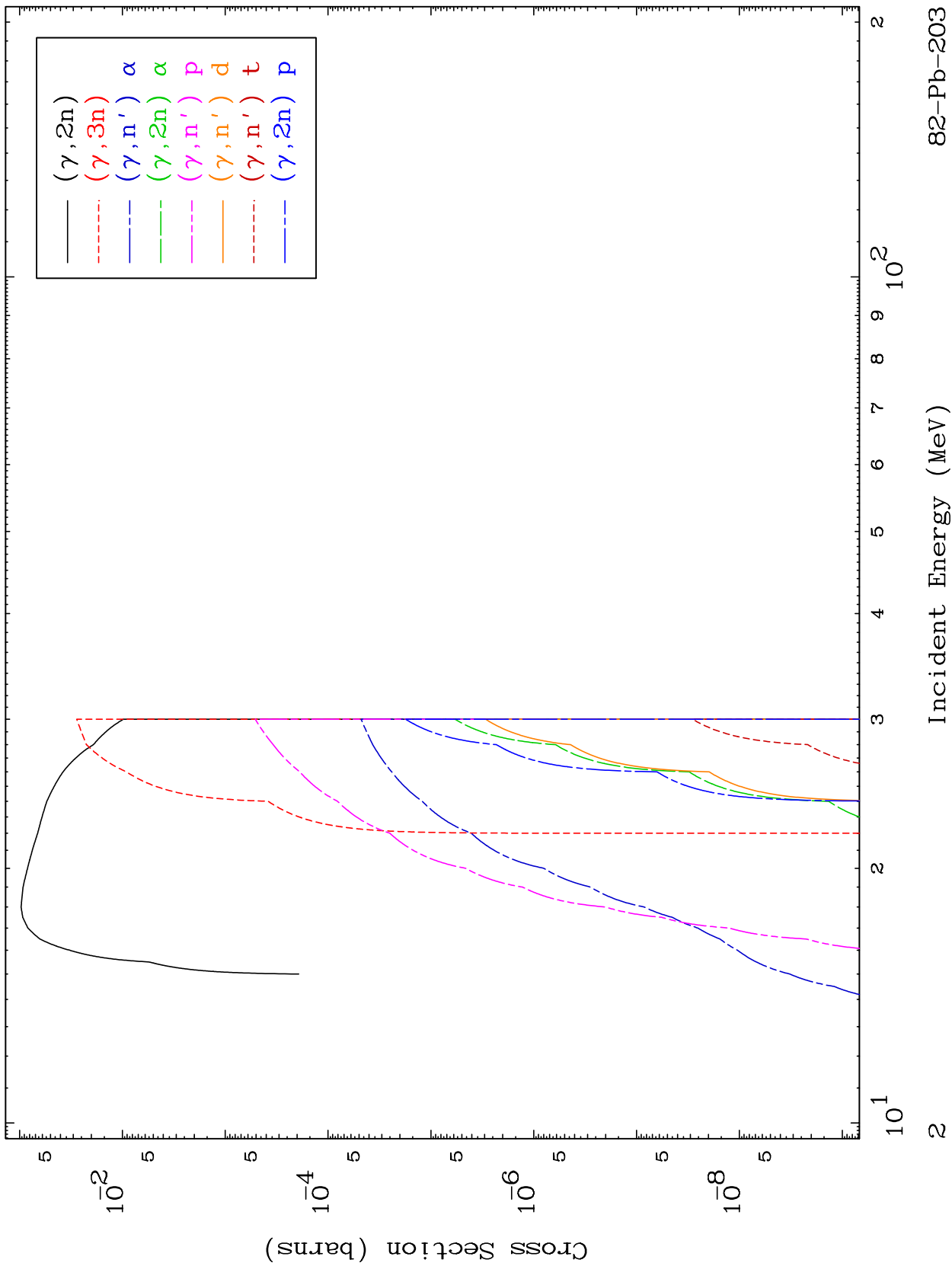
Incident Energy (MeV)

82-Pb-203

MAT 8223

Photon Neutron Production  
0 Kelvin Cross Sections

82-Pb-203

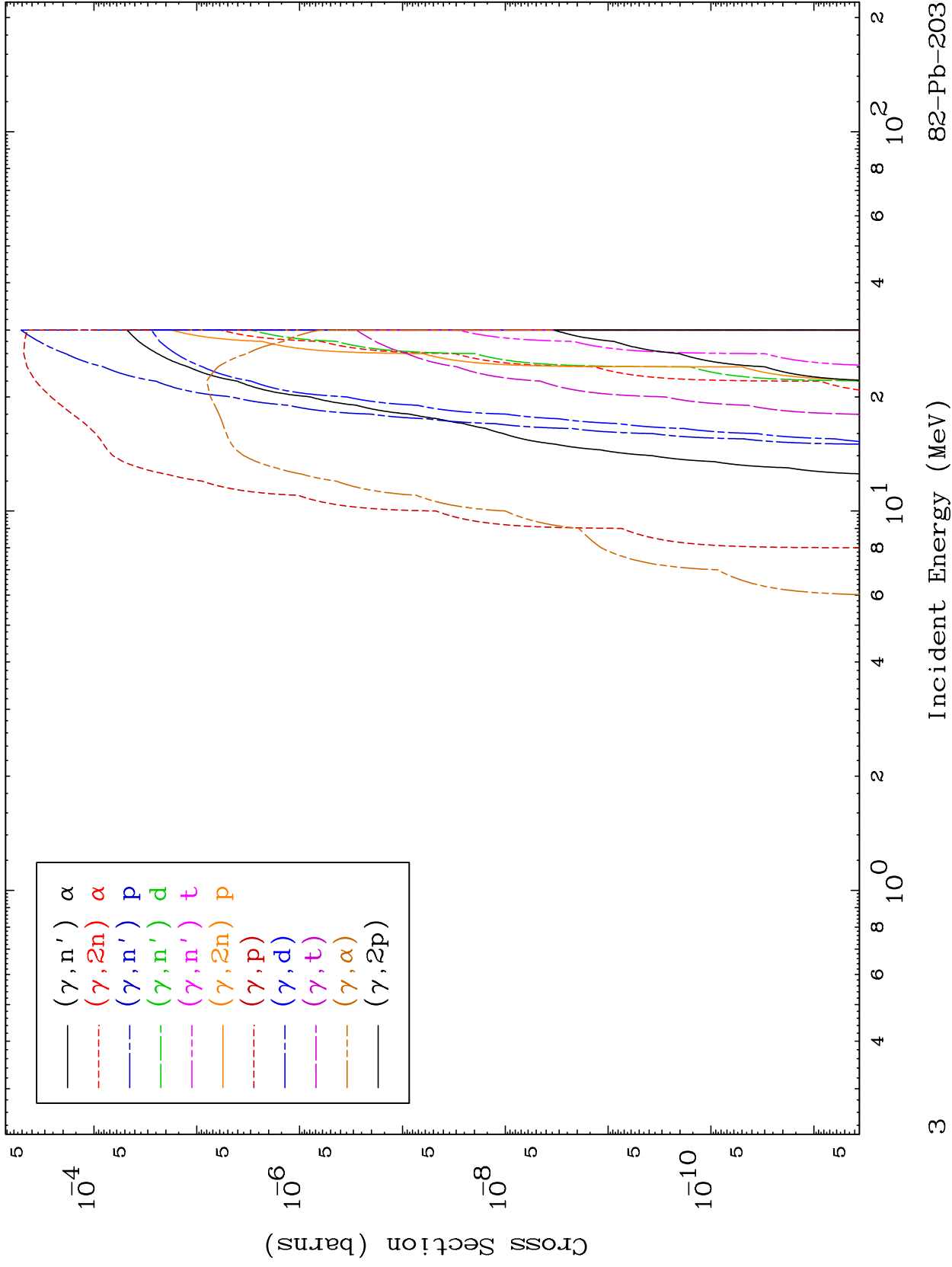


82-Pb-203

MAT 8223

Photon Charged Particle  
0 Kelvin Cross Sections

82-Pb-203

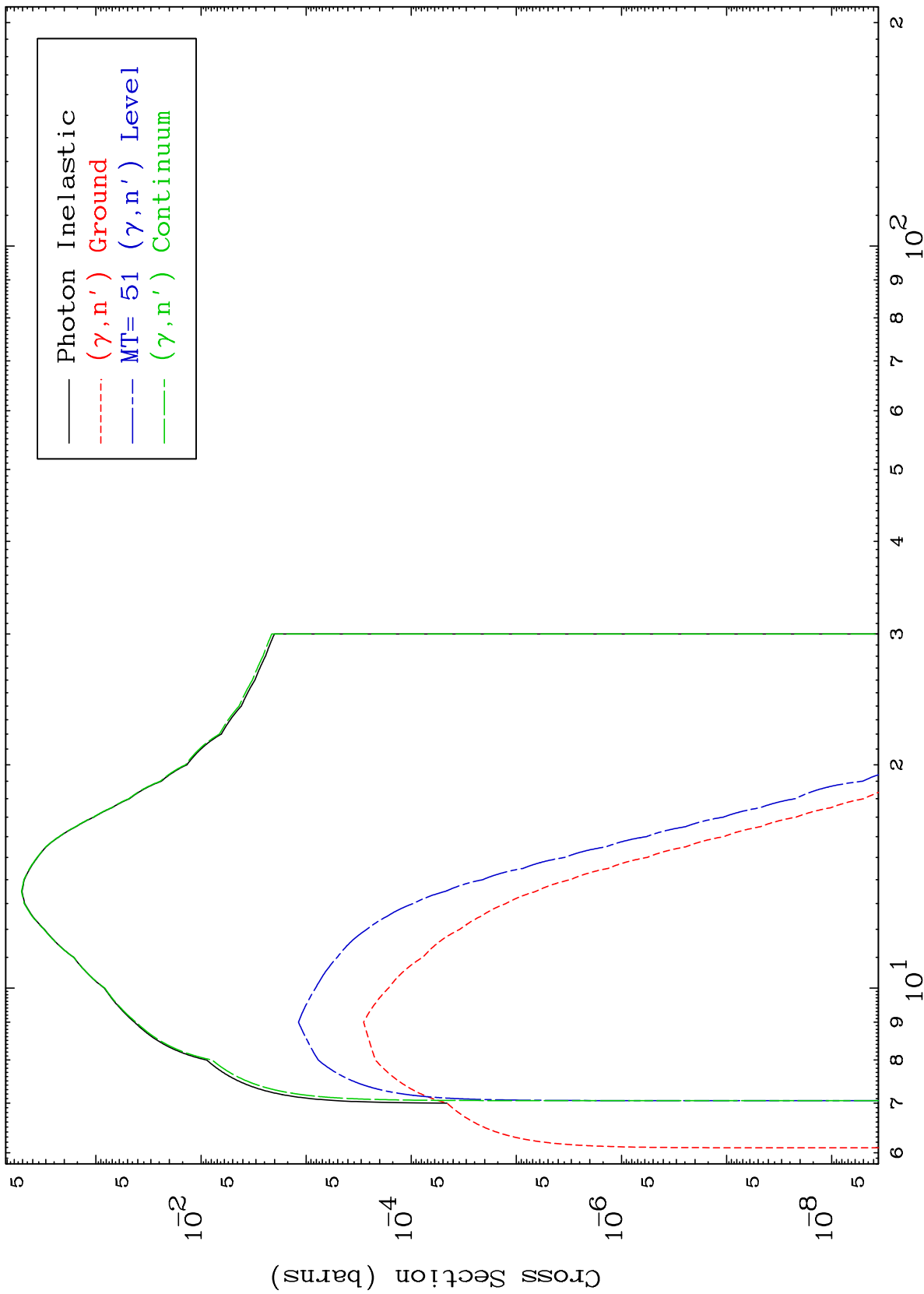


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( $\gamma, n'$ ) Level

82-Pb-203

0 Kelvin Cross Sections



4

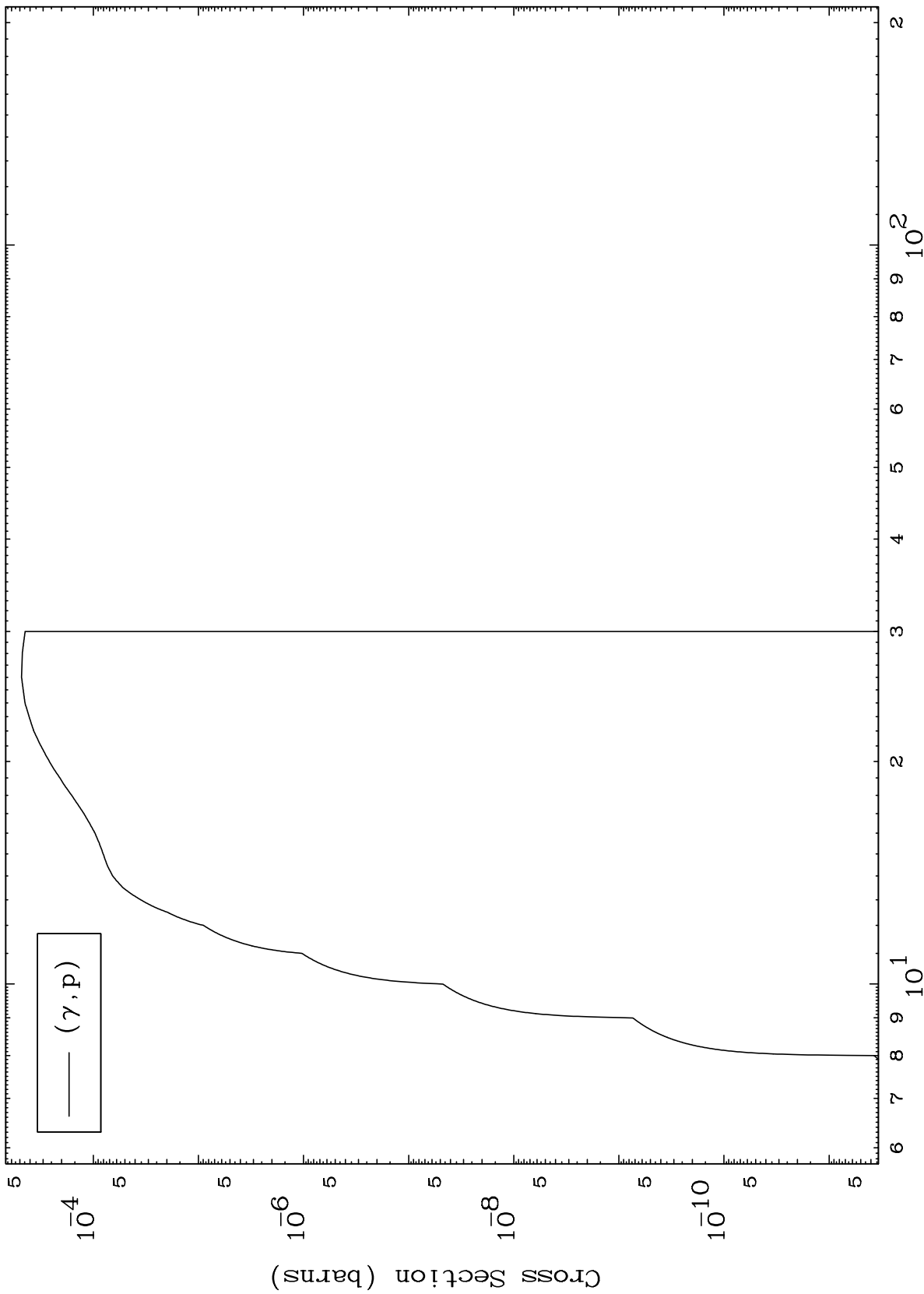
Incident Energy (MeV)

82-Pb-203

MAT 8223

82-Pb-203

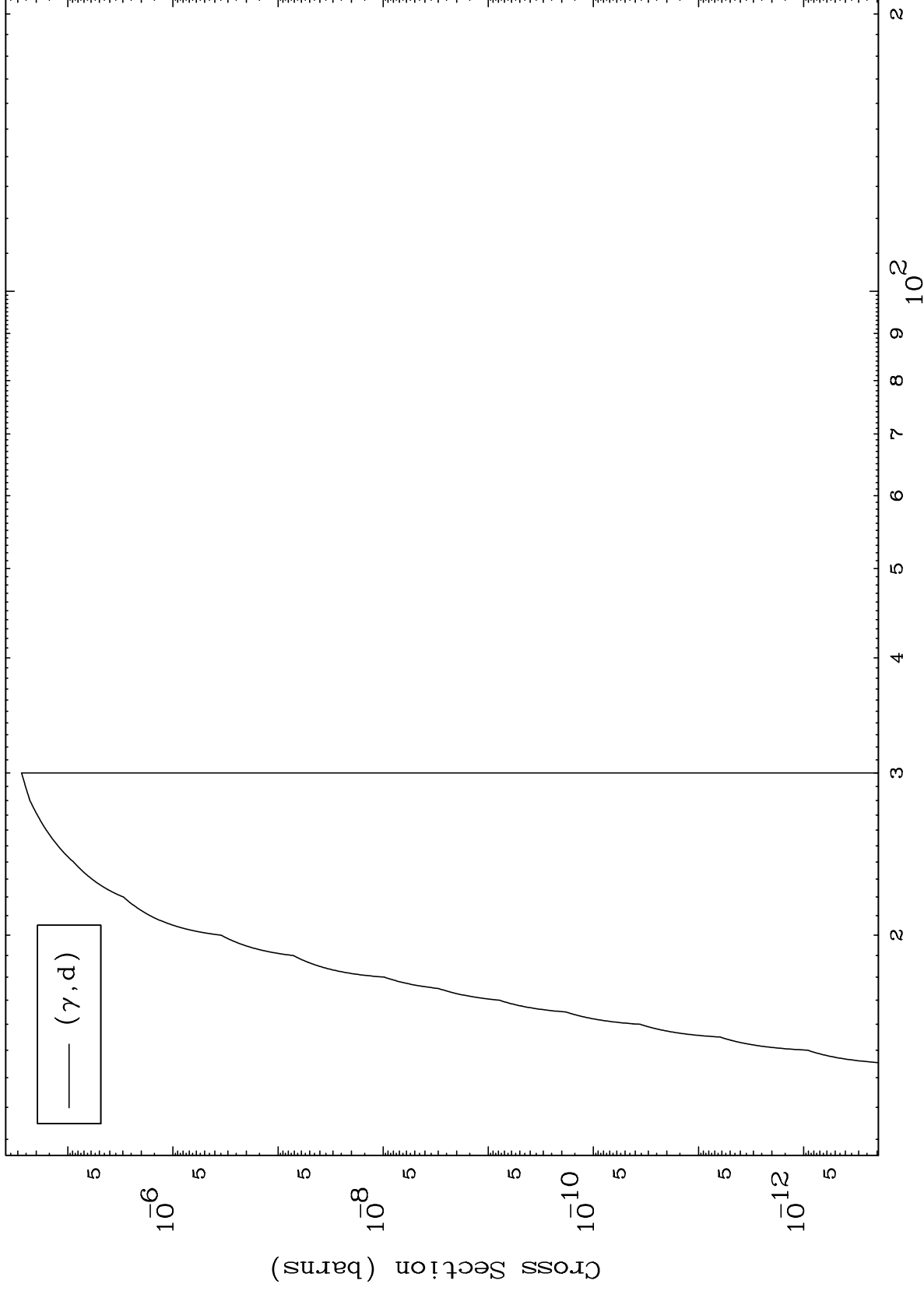
( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections



82-Pb-203

Incident Energy (MeV)

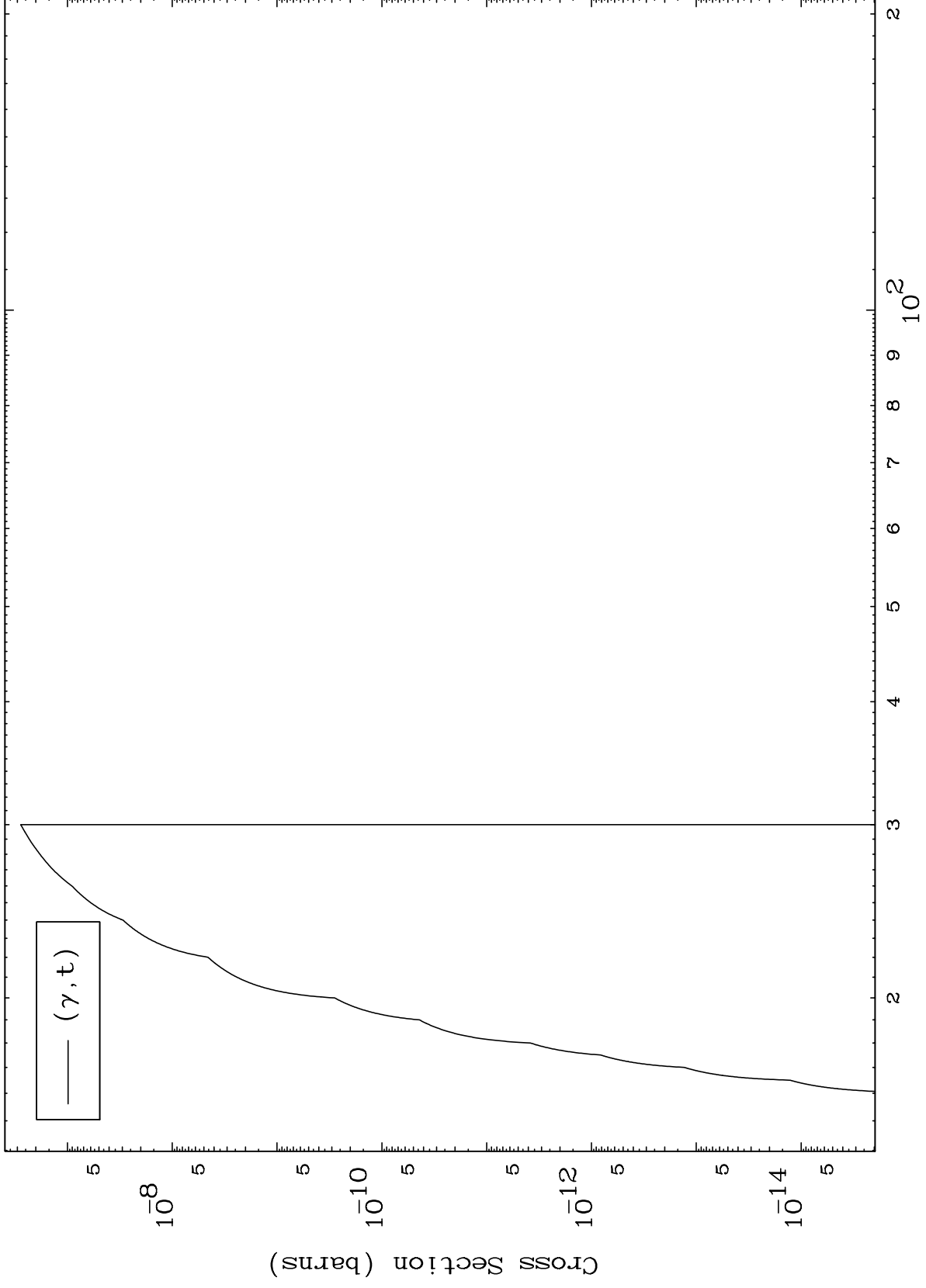
5



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

82-Pb-203



7

Incident Energy (MeV)

82-Pb-203

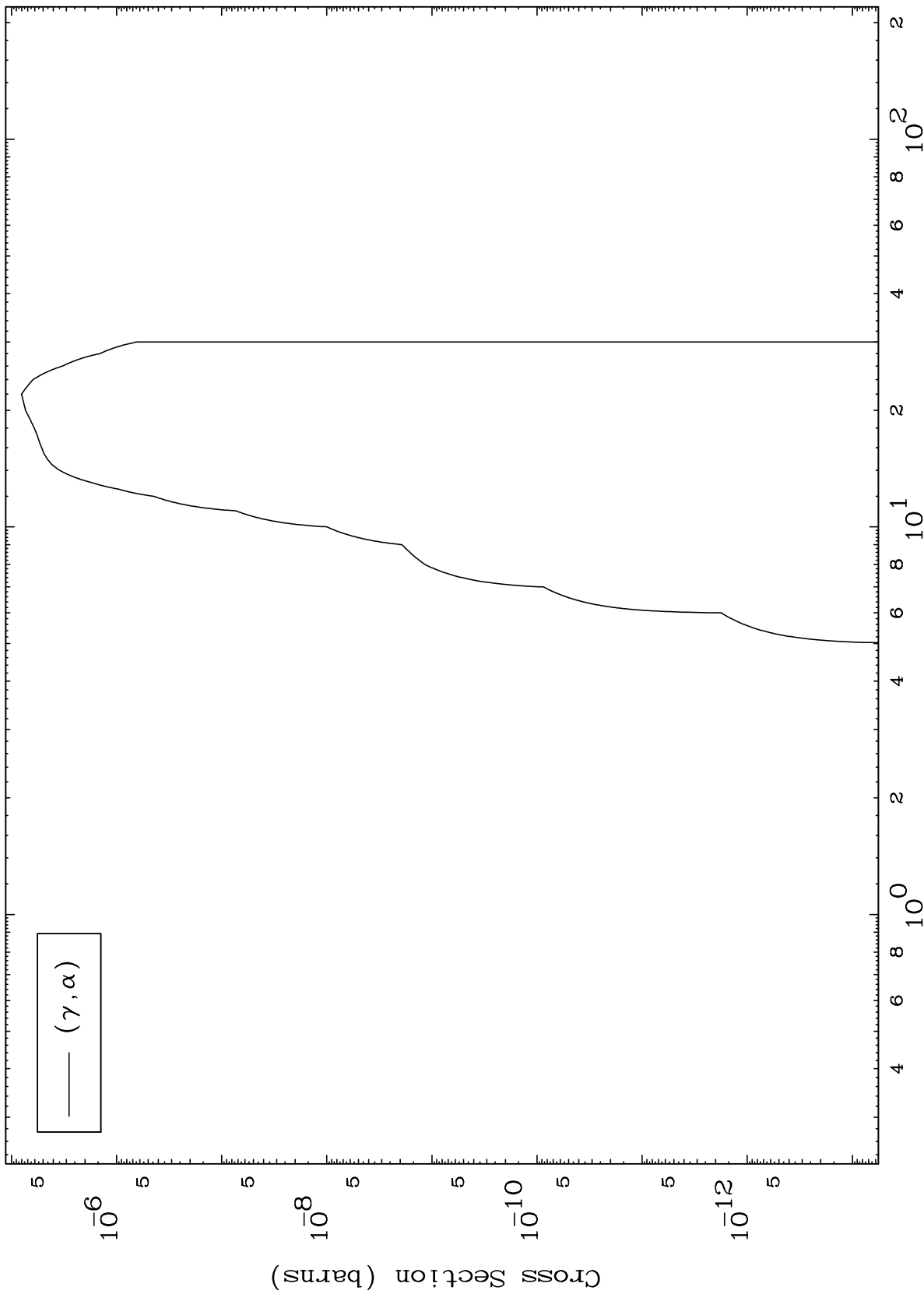


MAT 8223

( $\gamma, \alpha$ ) Levels

82-Pb-203

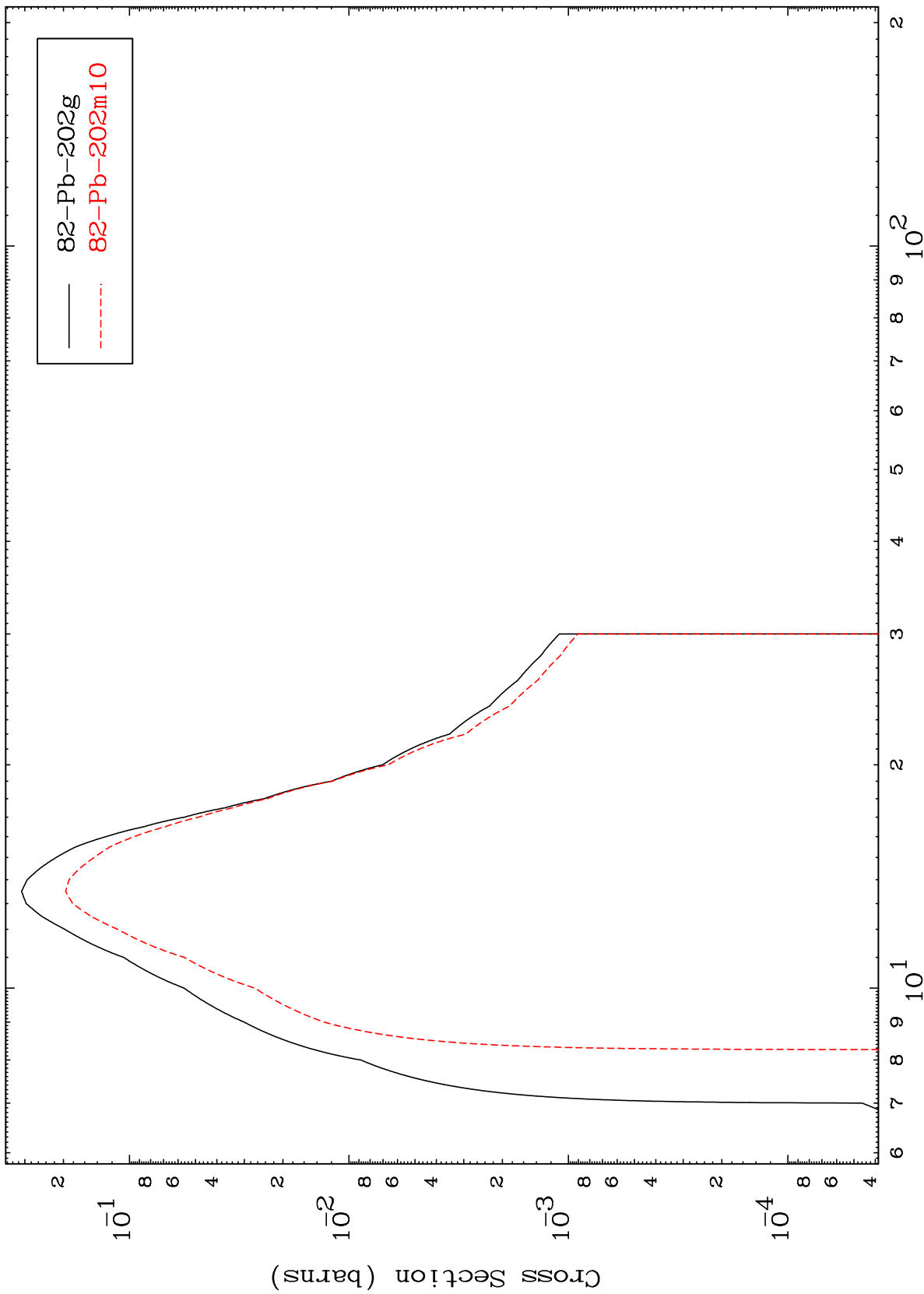
0 Kelvin Cross Sections



MAT 8223

82-Pb-203

Photon Inelastic  
Radionuclide Production Cross Section



9

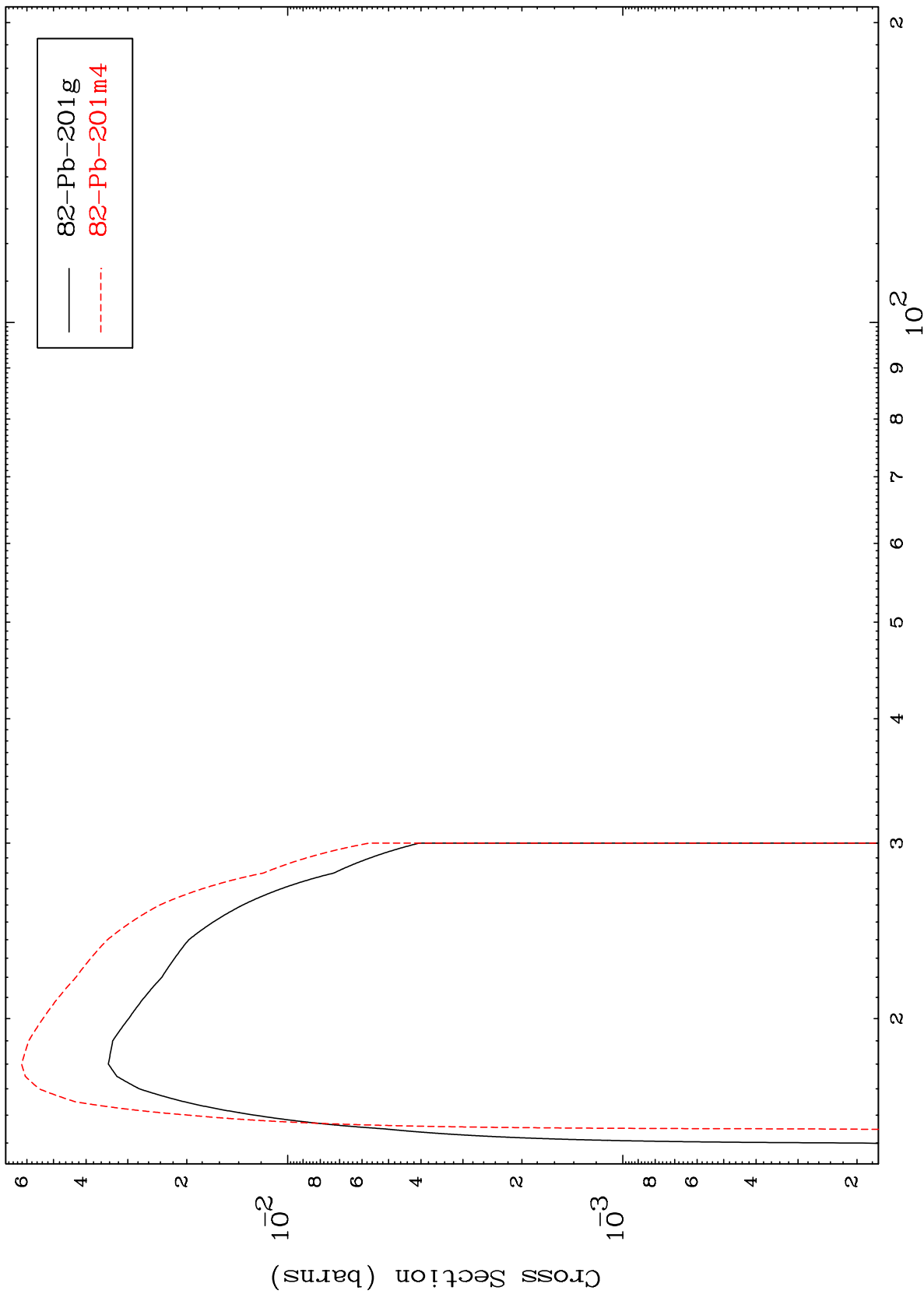
82-Pb-203

Incident Energy (MeV)

MAT 8223

82-Pb-203

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



82-Pb-201 g  
82-Pb-201 m4

82-Pb-203

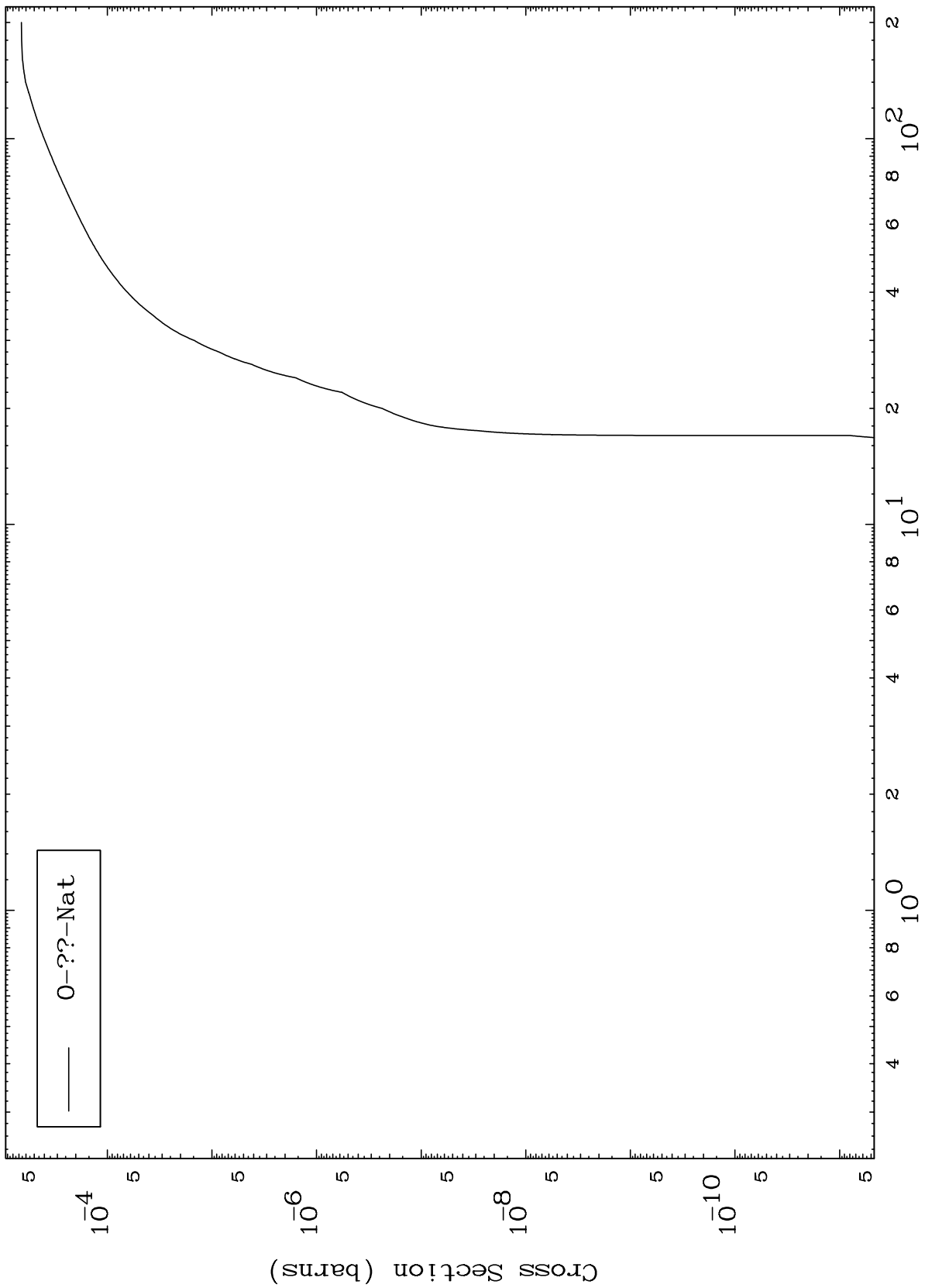
Incident Energy (MeV)

10

MAT 8223

Photon Fission  
Radionuclide Production Cross Section

82-Pb-203



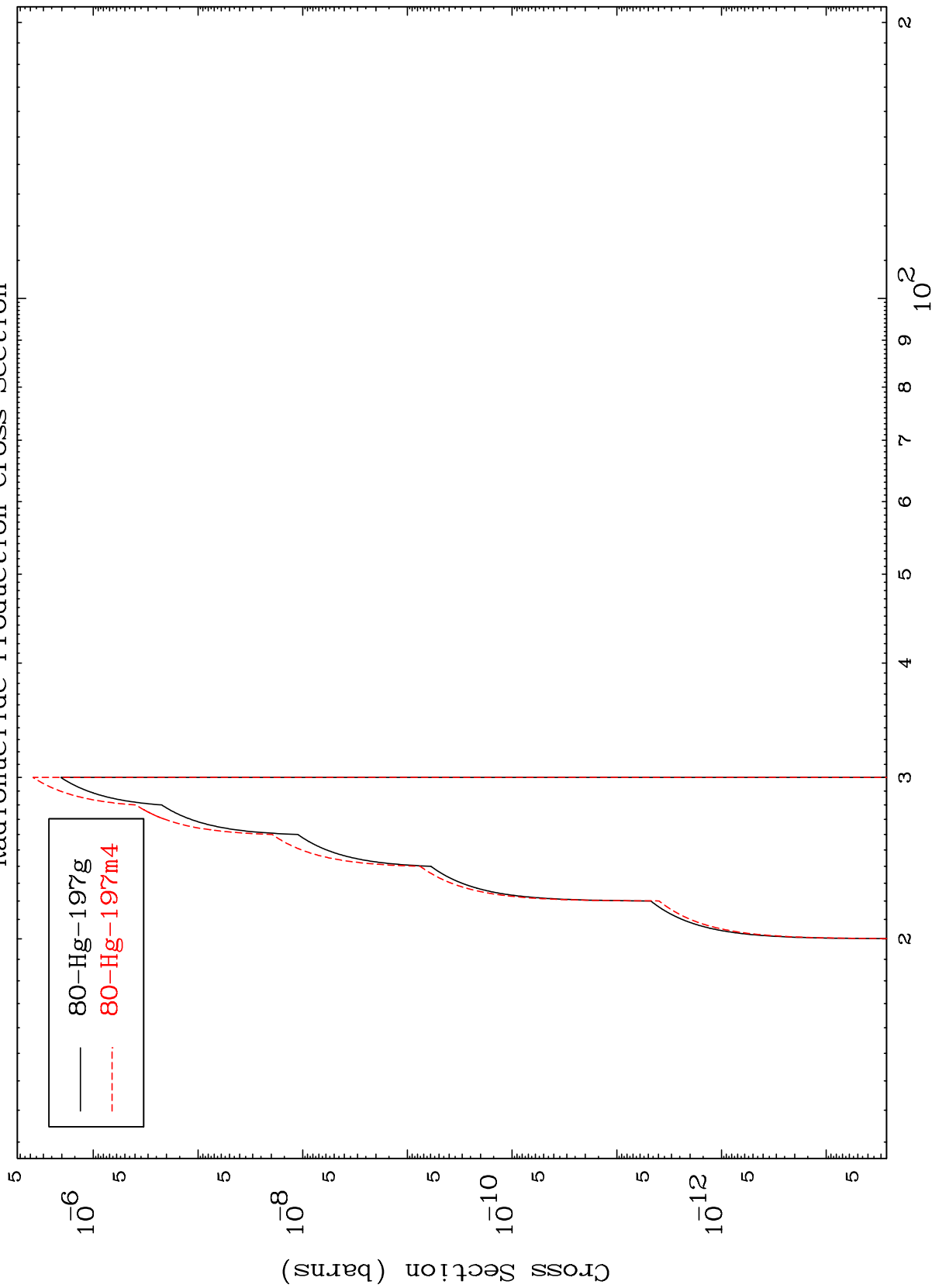
82-Pb-203

MAT 8223

82-Pb-203

$(\gamma, 2n) \alpha$

Radionuclide Production Cross Section



Incident Energy (MeV)

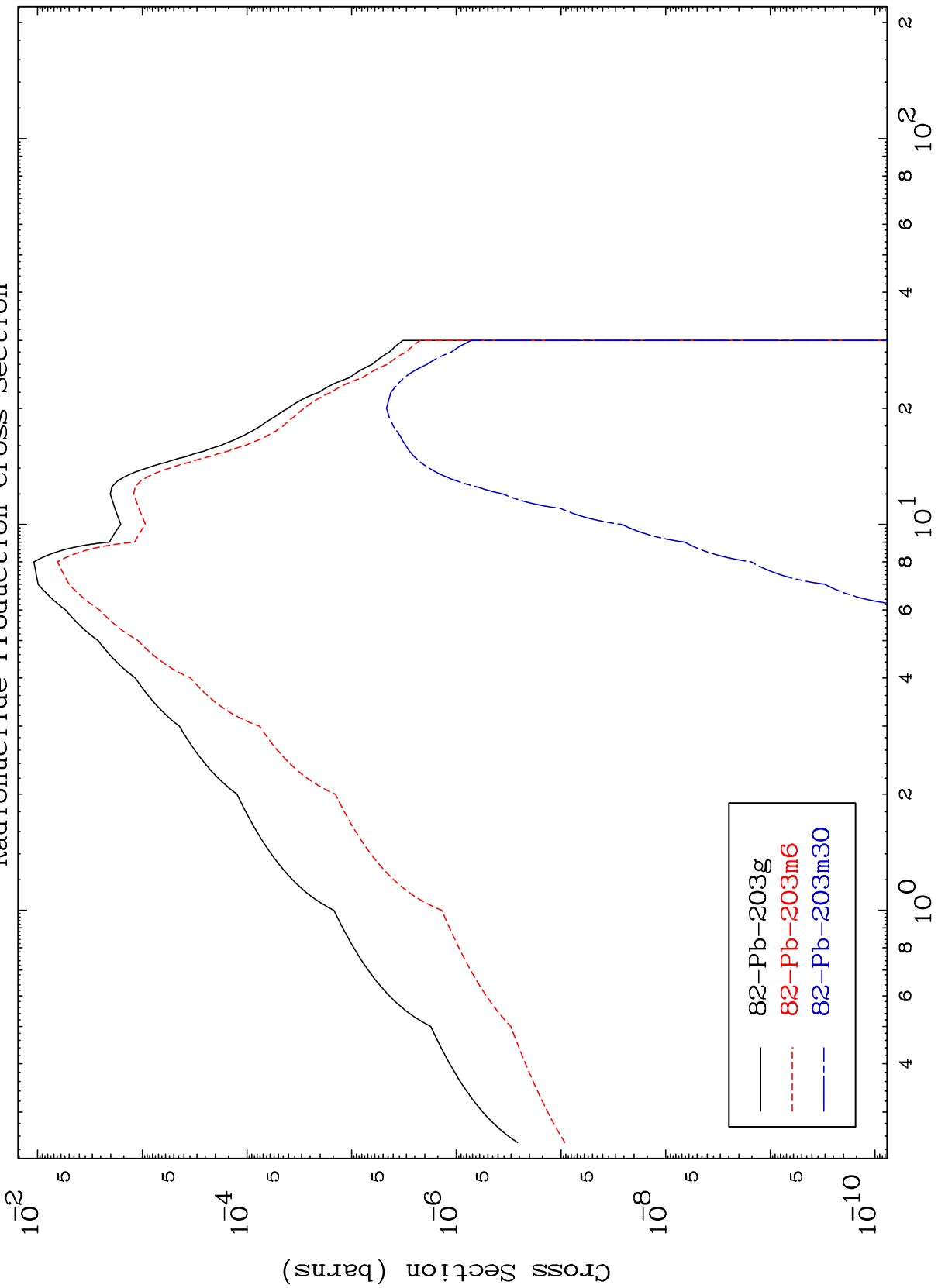
82-Pb-203

12

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82-Pb-203

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



Incident Energy (MeV)

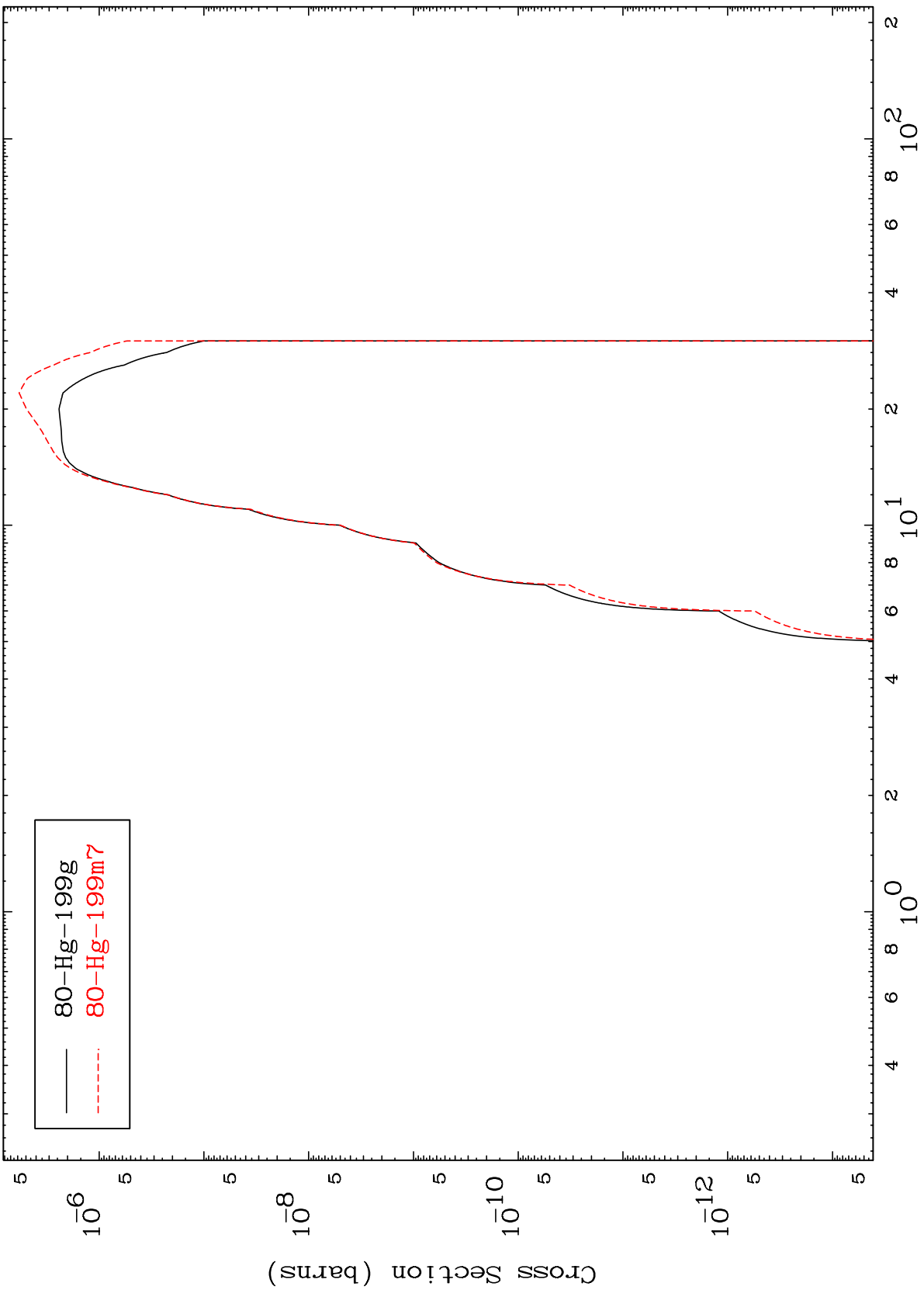
82-Pb-203

13

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82-Pb-203

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



80-Hg-199g  
80-Hg-199m7

82-Pb-203

Incident Energy (MeV)

14