

Program EVALPLOT  
(Version 2021-1)

by

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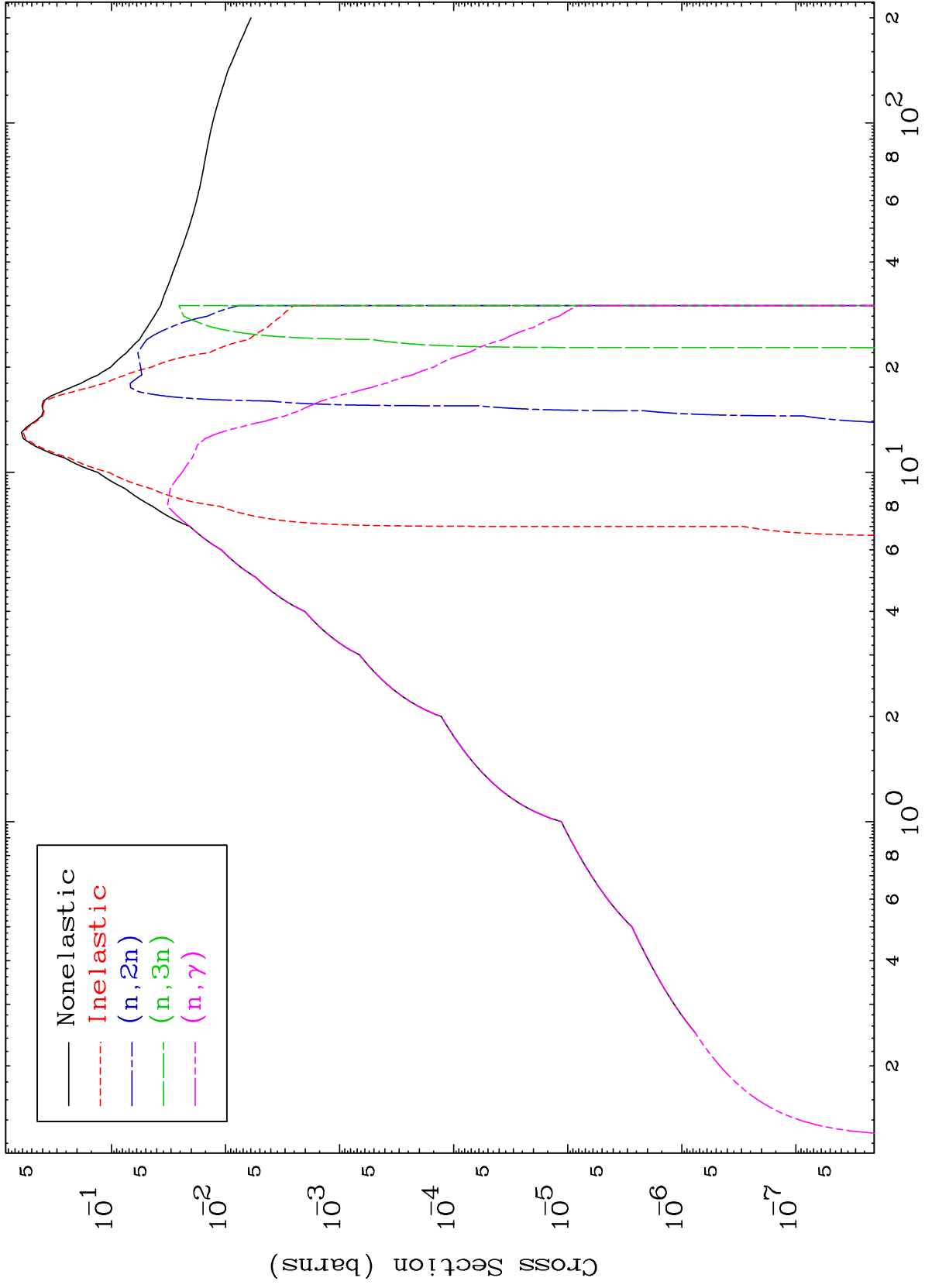
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8220

Photon Major  
0 Kelvin Cross Sections

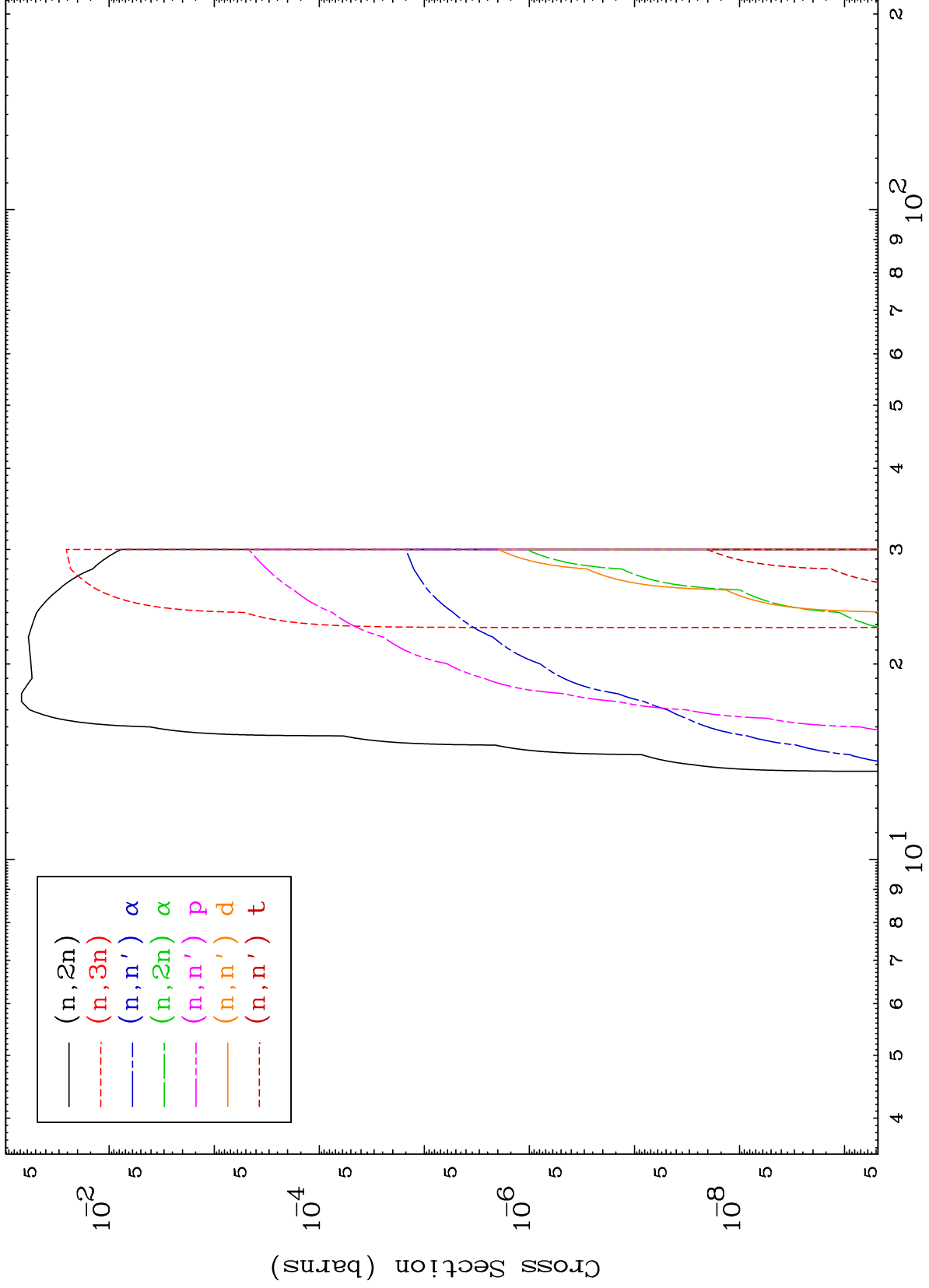
82-Pb-202m



MAT 8220

Photon Neutron Absorption  
0 Kelvin Cross Sections

82-Pb-202m



2

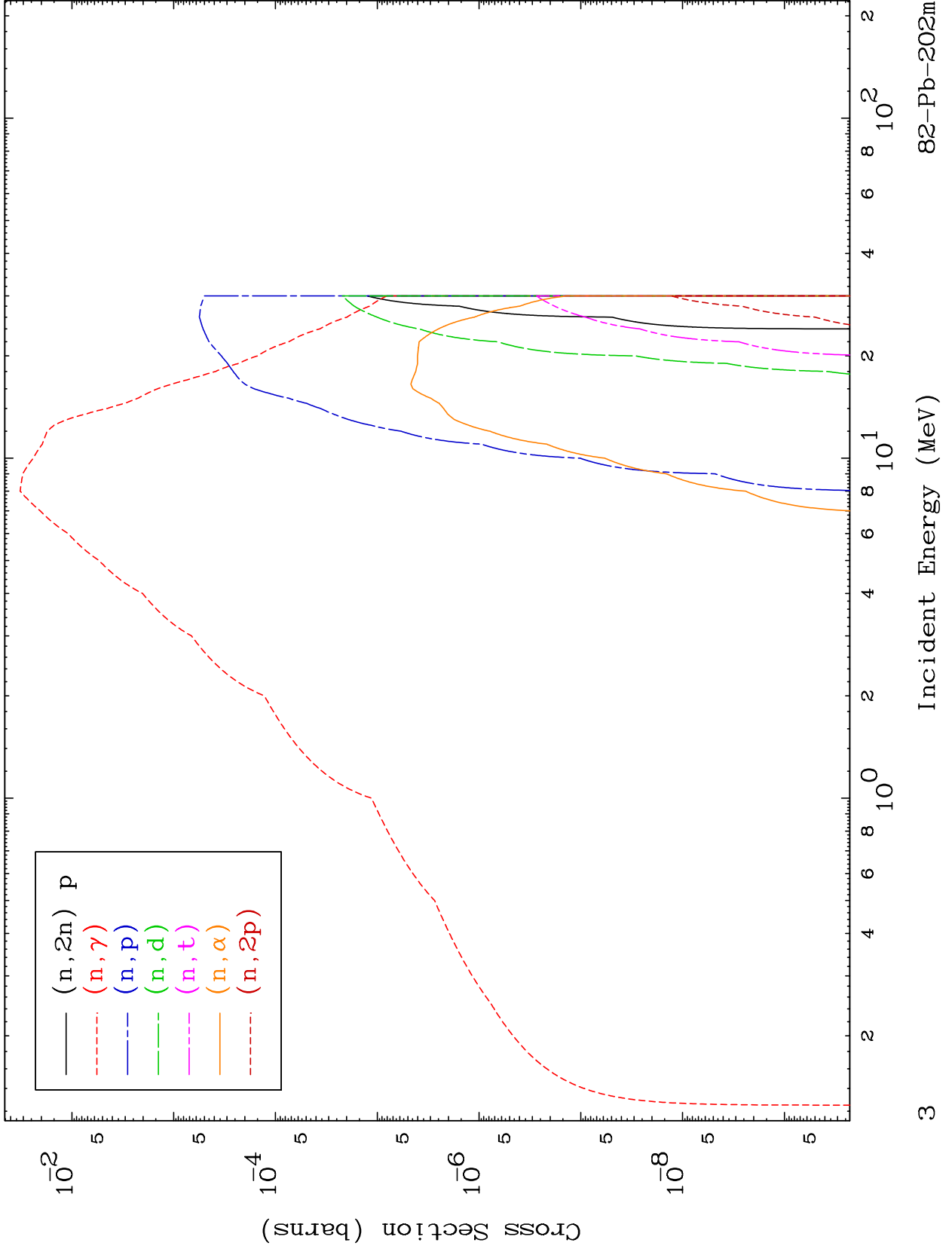
Incident Energy (MeV)

82-Pb-202m

MAT 8220

Photon Neutron Absorption  
0 Kelvin Cross Sections

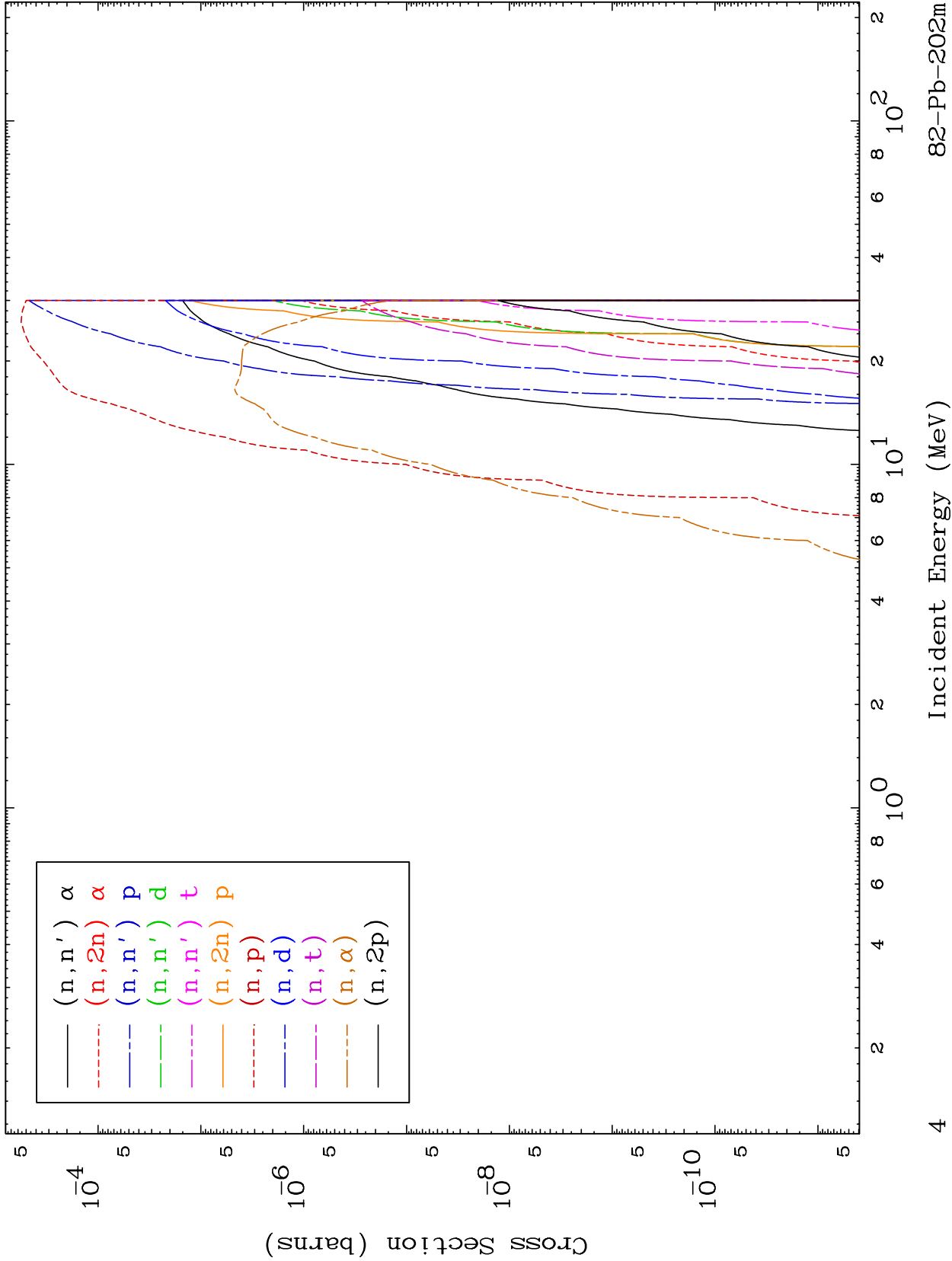
82-Pb-202m



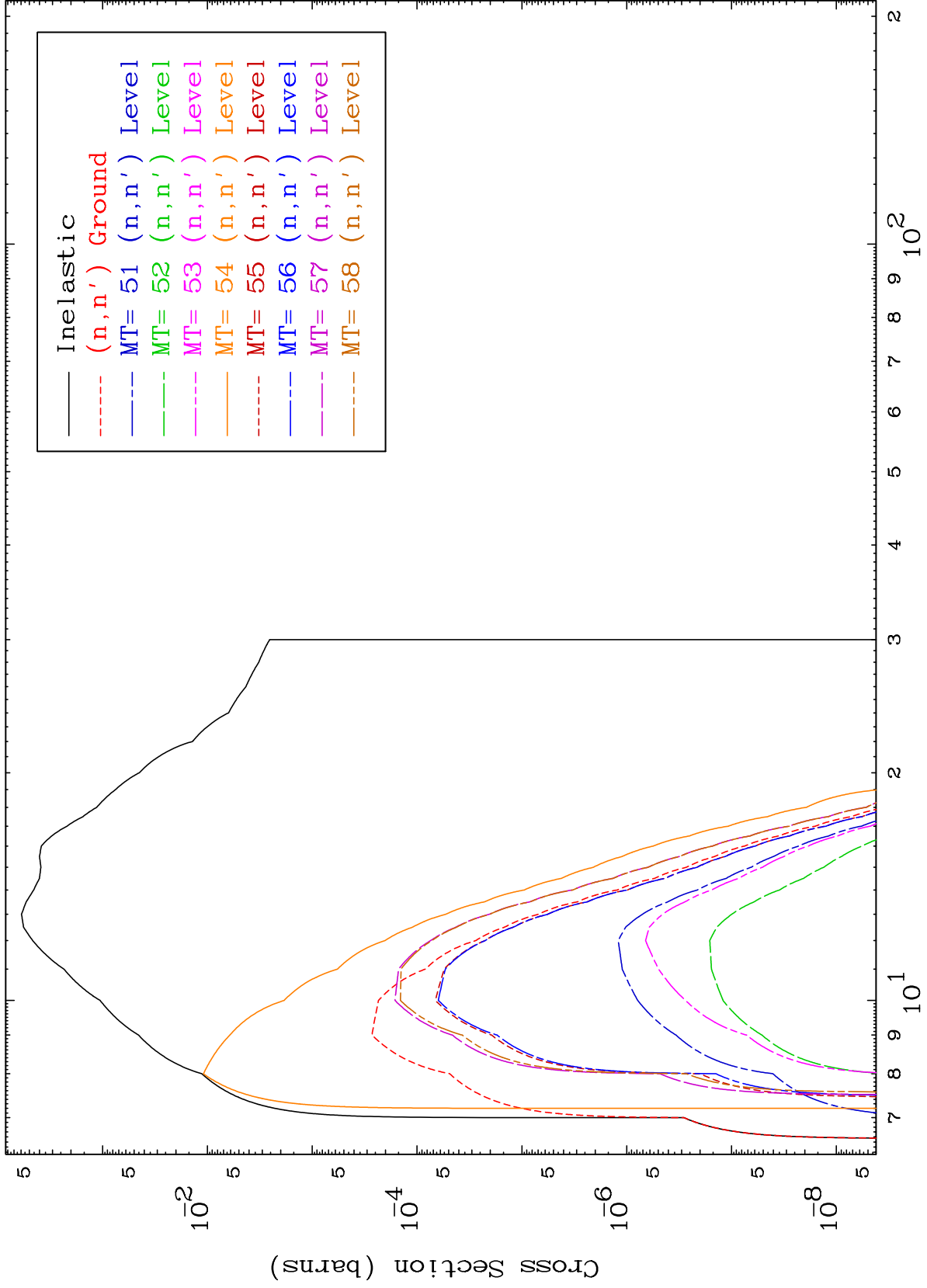
MAT 8220

Photon Charged Particle  
0 Kelvin Cross Sections

82-Pb-202m



0 Kelvin Cross Sections

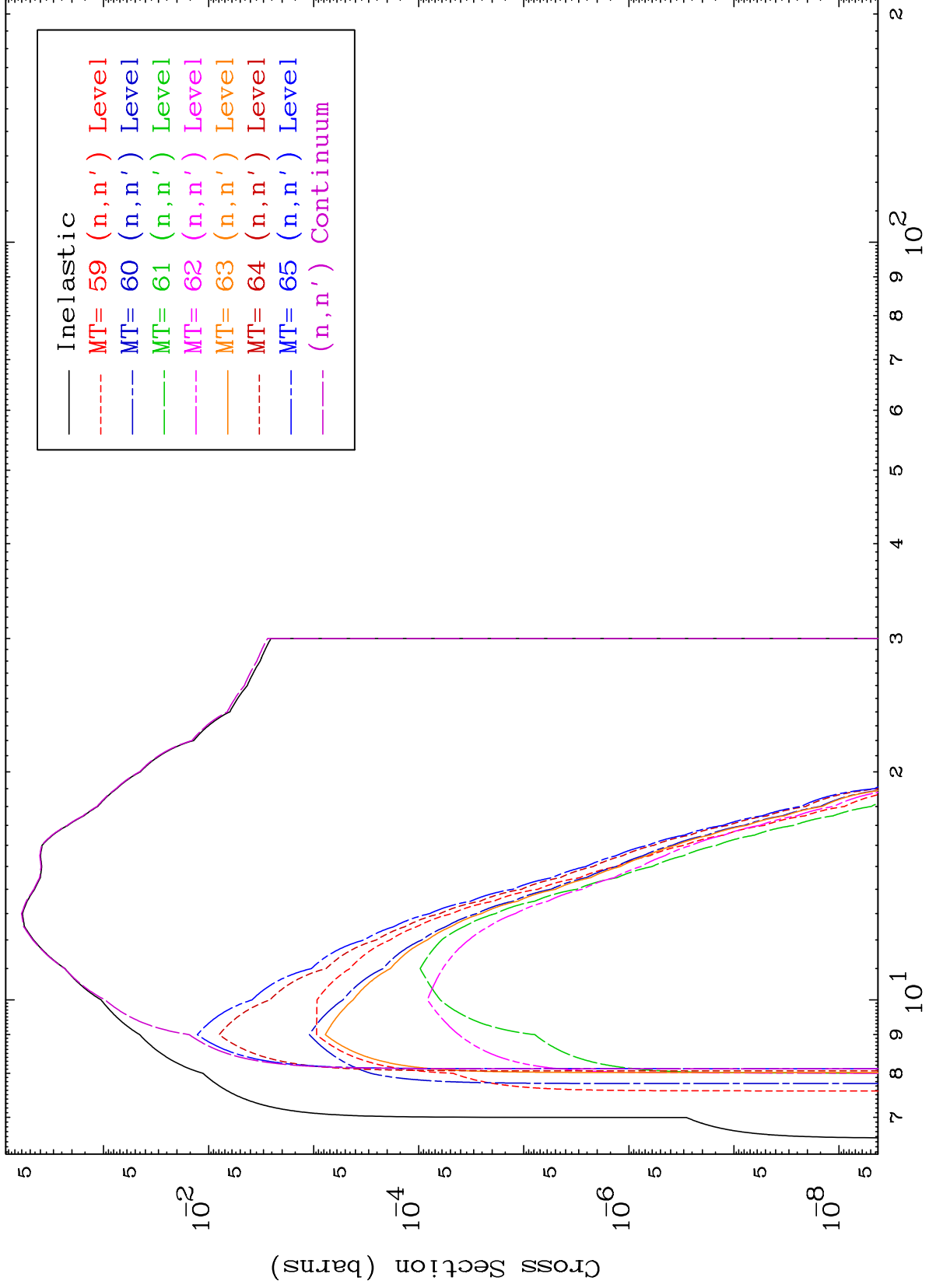


MAT 8220

( $\gamma, n'$ ) Levels

82-Pb-202m

0 Kelvin Cross Sections



6

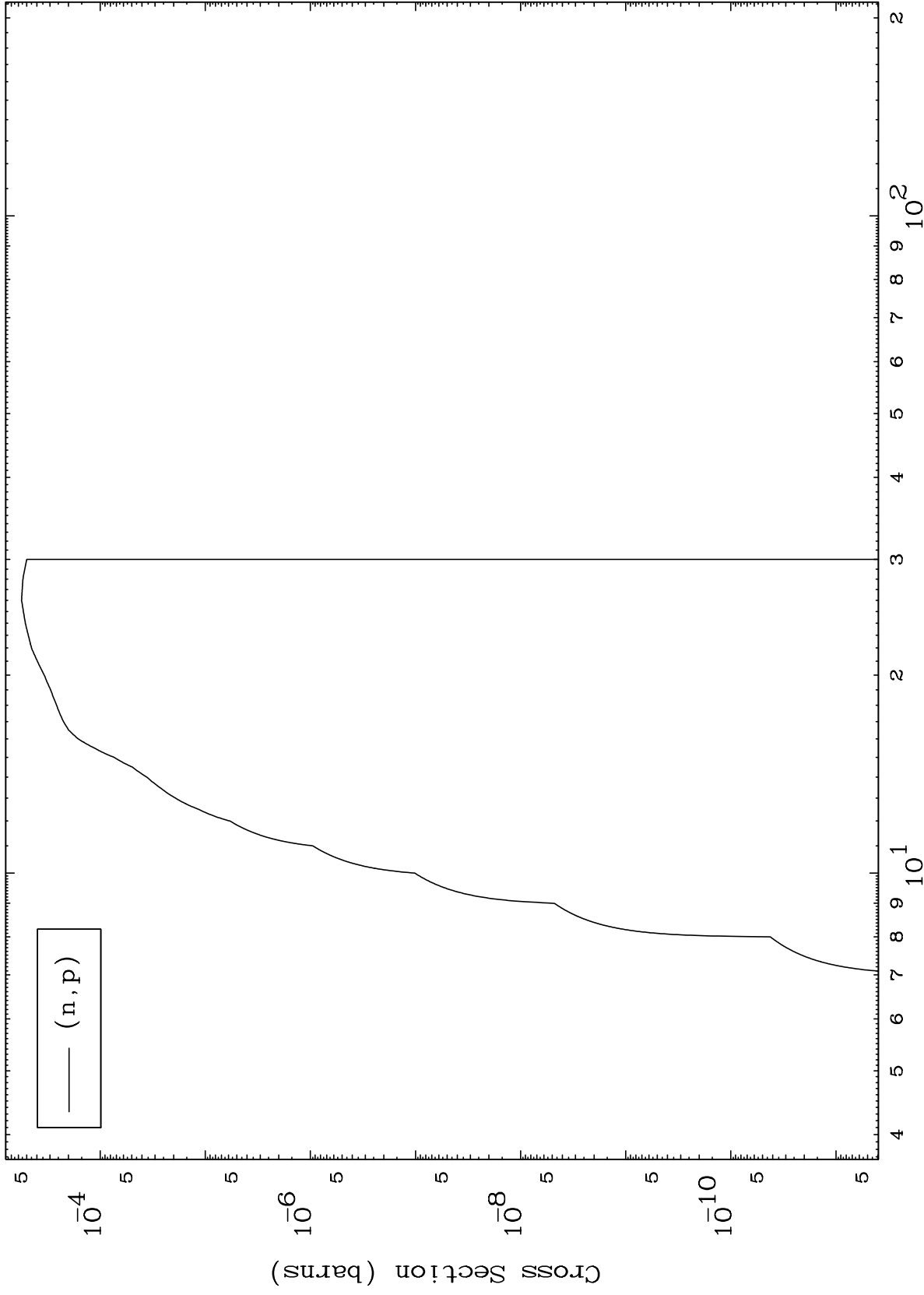
Incident Energy (MeV)

82-Pb-202m

MAT 8220

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

82-Pb-202m



7

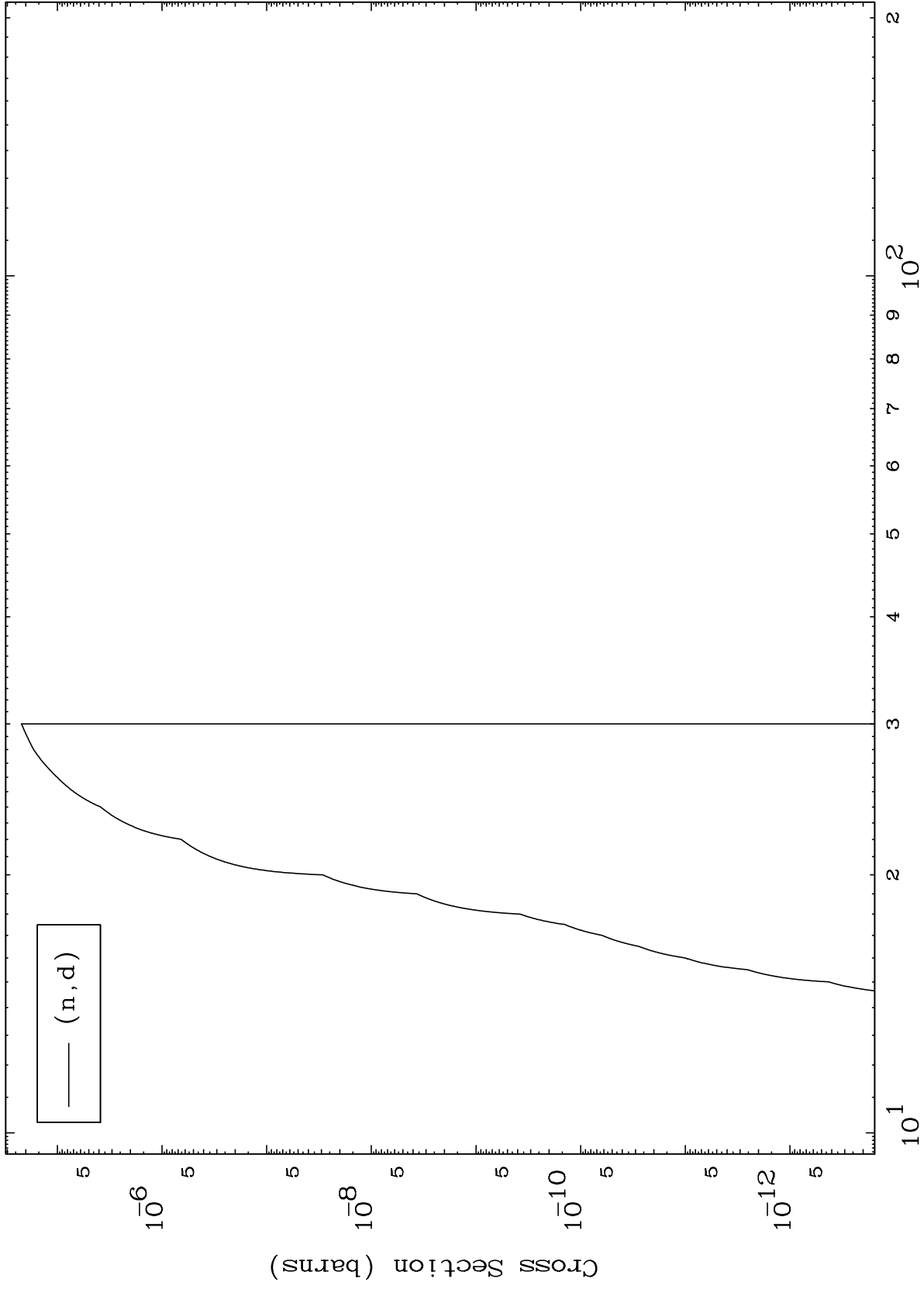
Incident Energy (MeV)

82-Pb-202m

MAT 8220

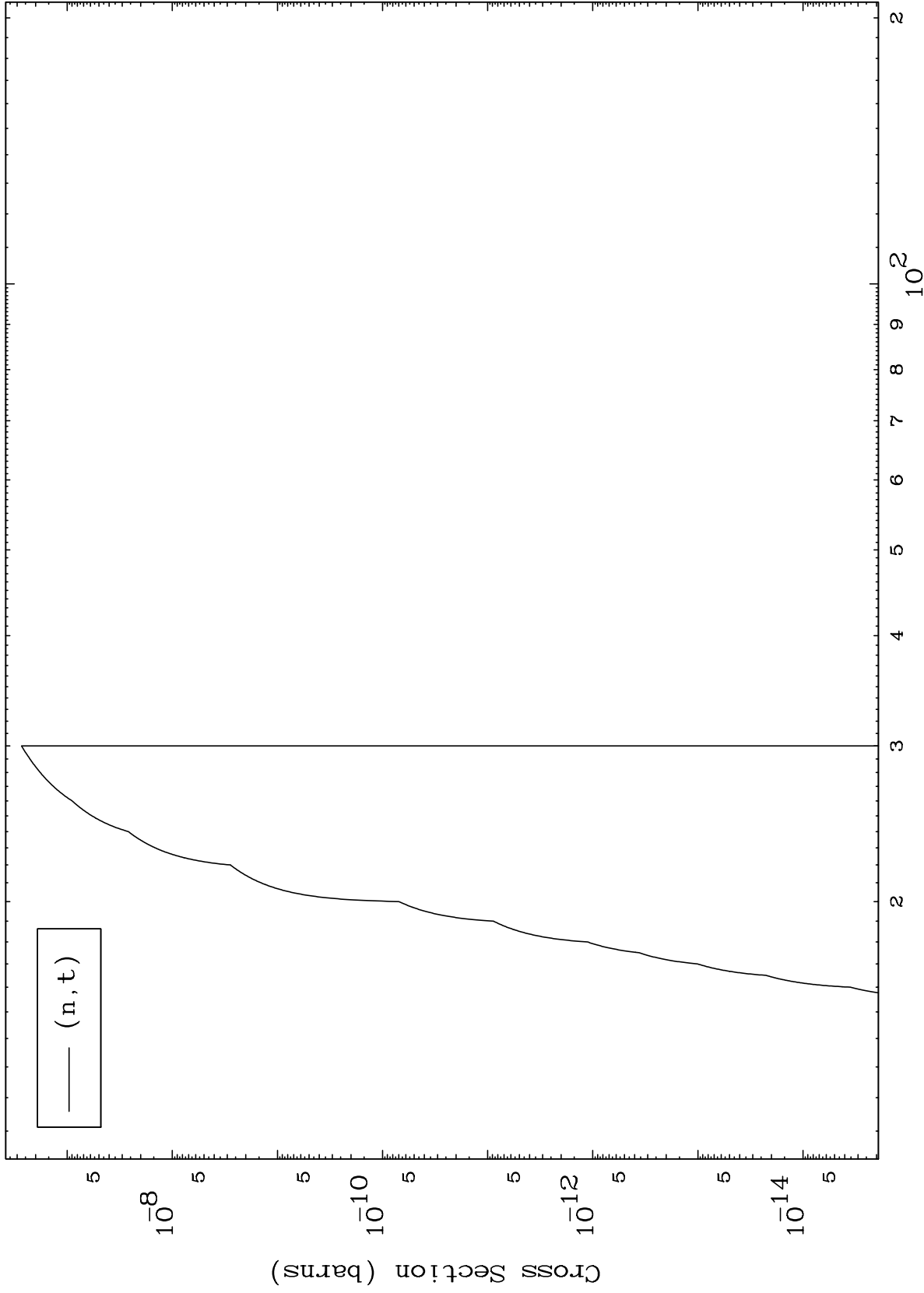
( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

82-Pb-202m



Incident Energy (MeV)

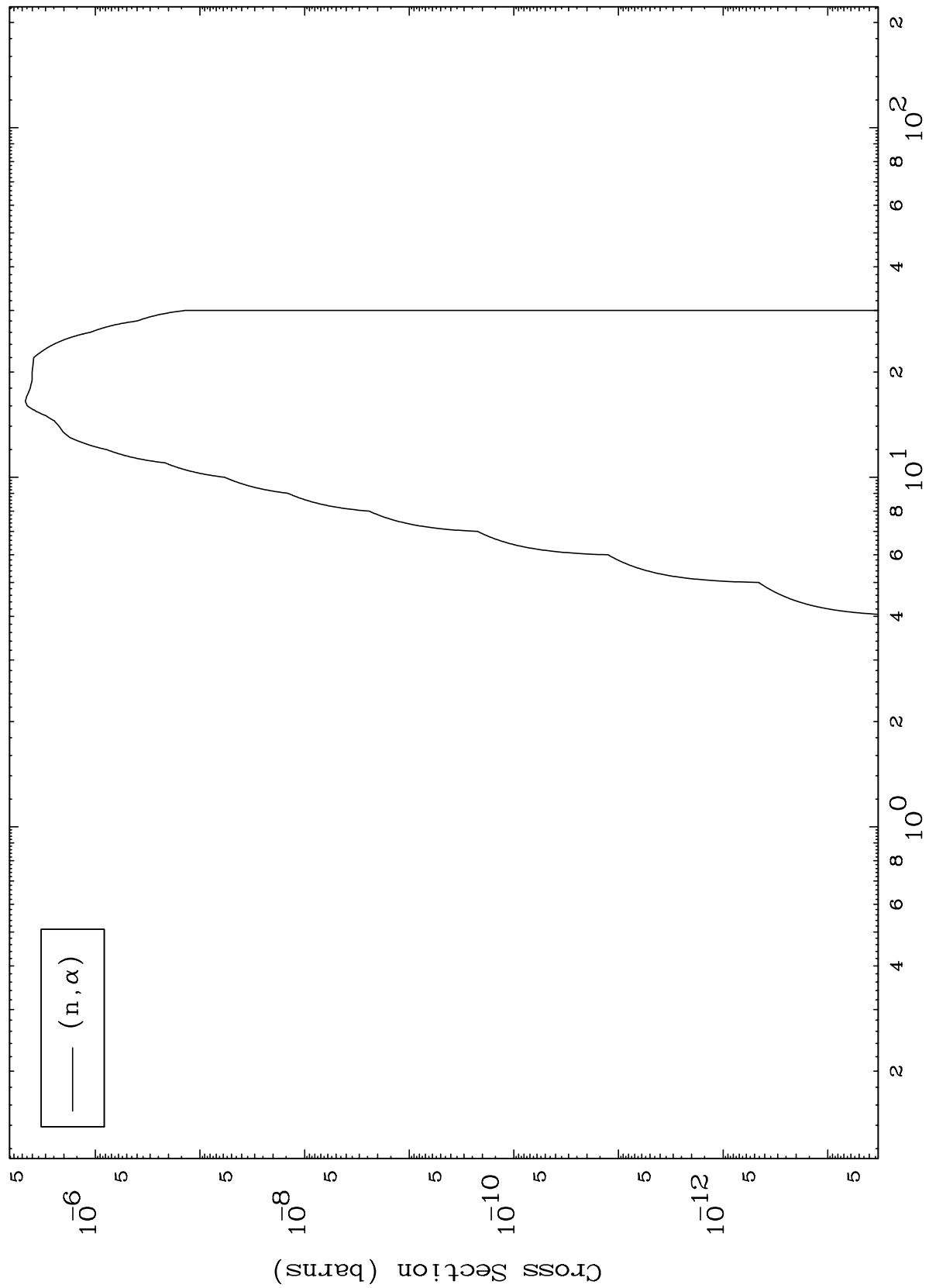
82-Pb-202m



MAT 8220

82-Pb-202m

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



82-Pb-202m

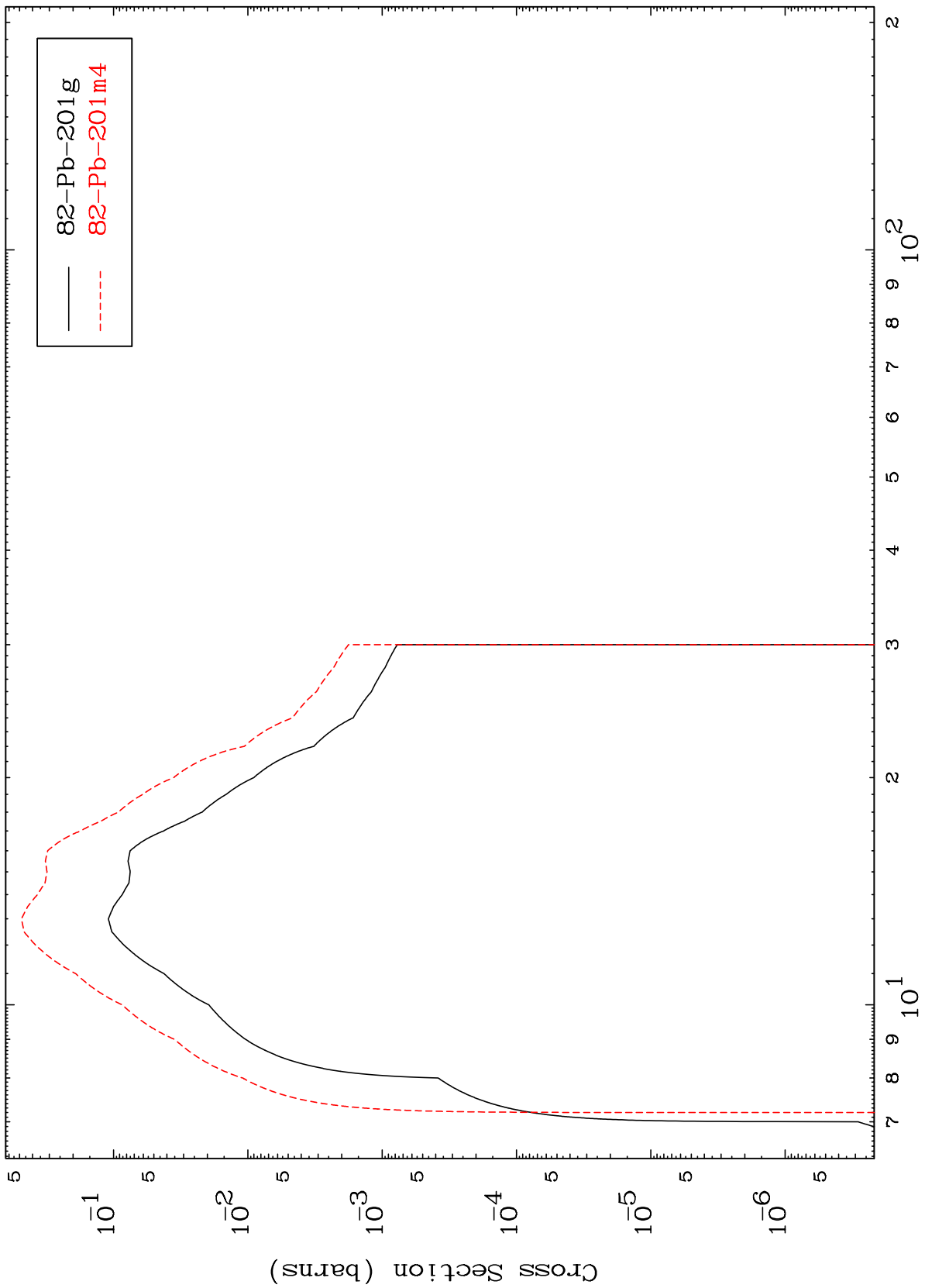
Incident Energy (MeV)

10

MAT 8220

82-Pb-202m

Inelastic  
Radionuclide Production Cross Section

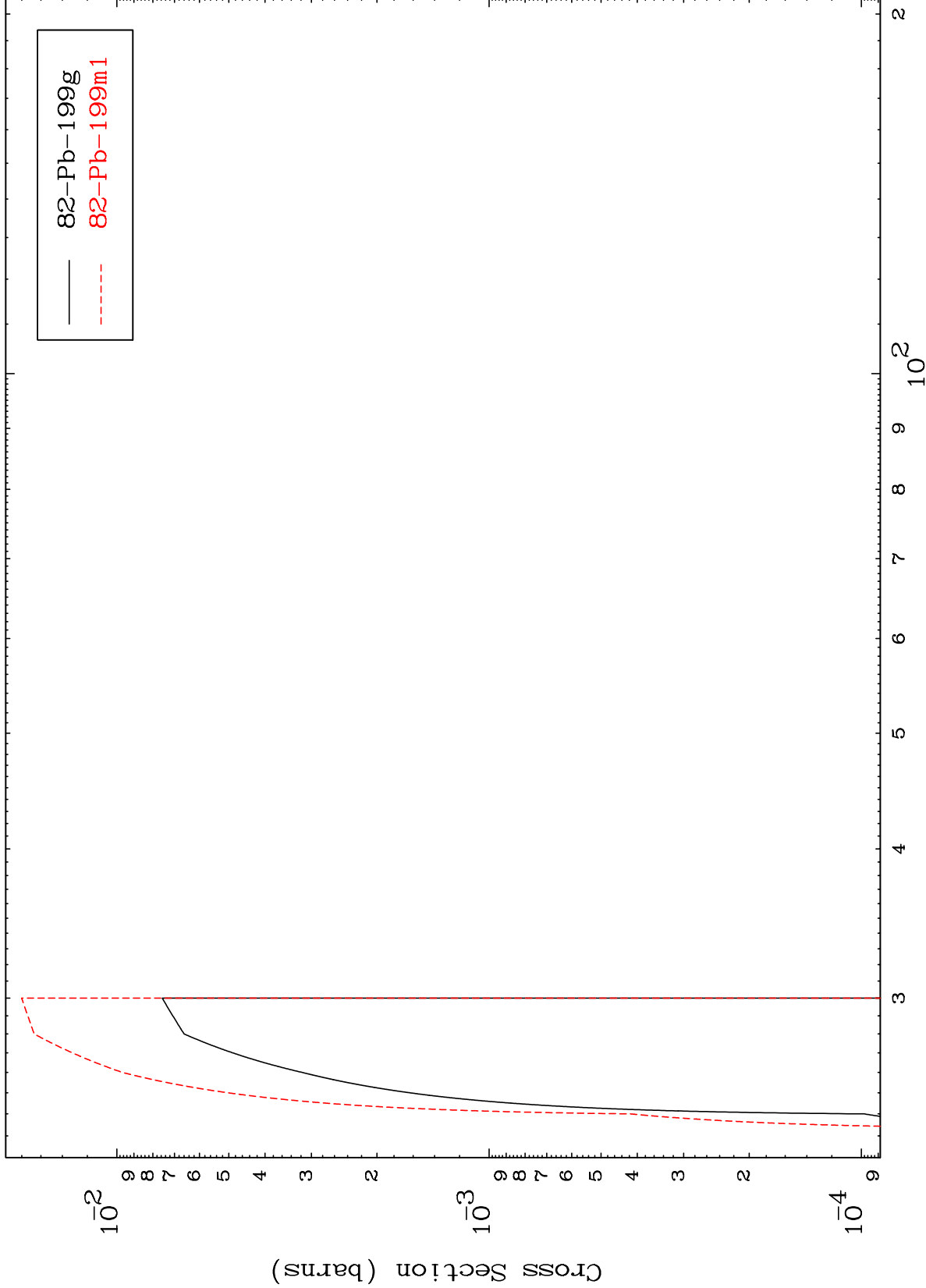


MAT 8220

(n,3n)

82-Pb-202m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

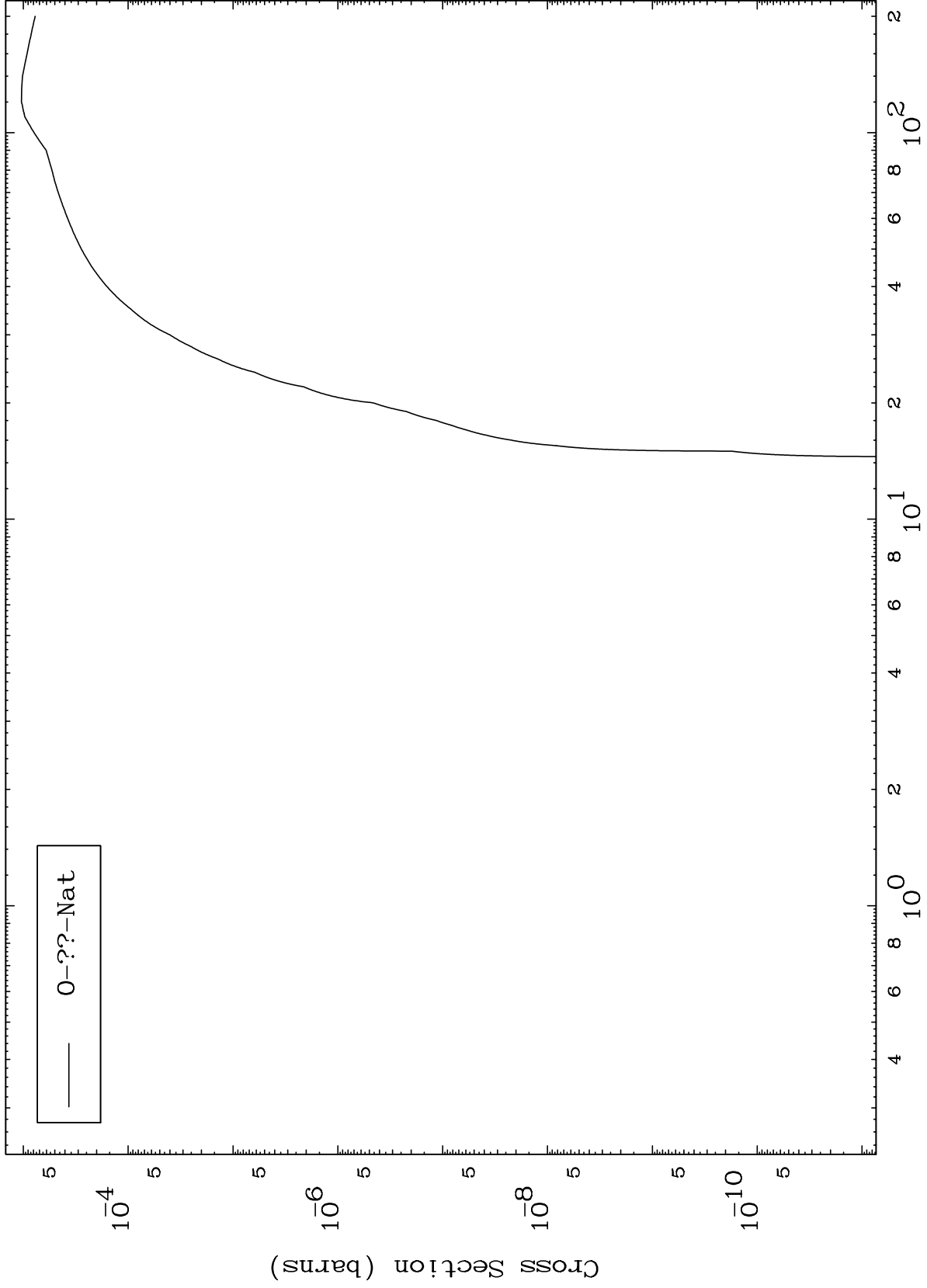
82-Pb-202m

MAT 8220

Fission

<sup>82</sup>Pb-202m

Radionuclide Production Cross Section

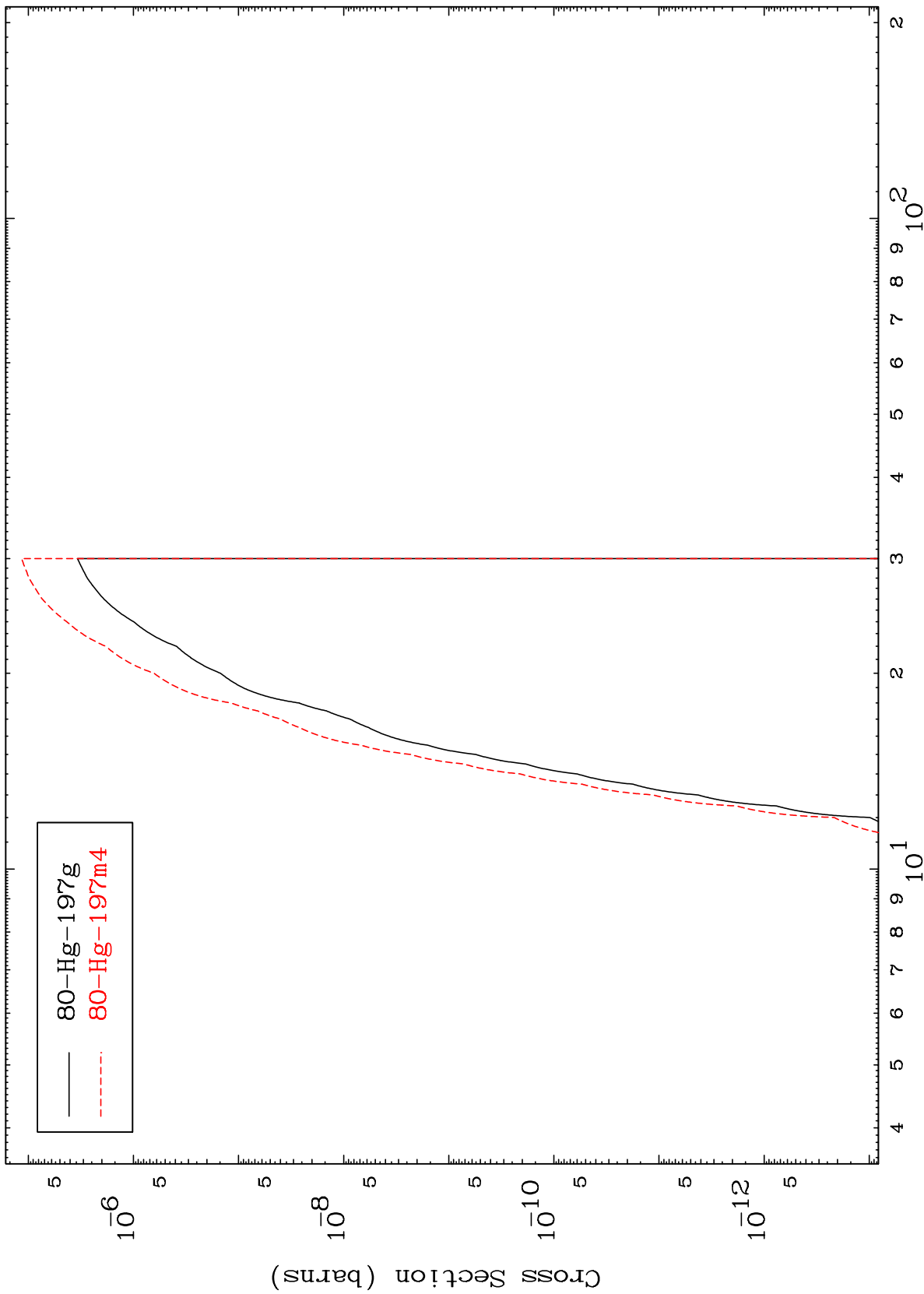


MAT 8220

$(n, n') \alpha$

82-Pb-202m

Radionuclide Production Cross Section



— 80-Hg-197g  
- - - 80-Hg-197m4

Incident Energy (MeV)

82-Pb-202m

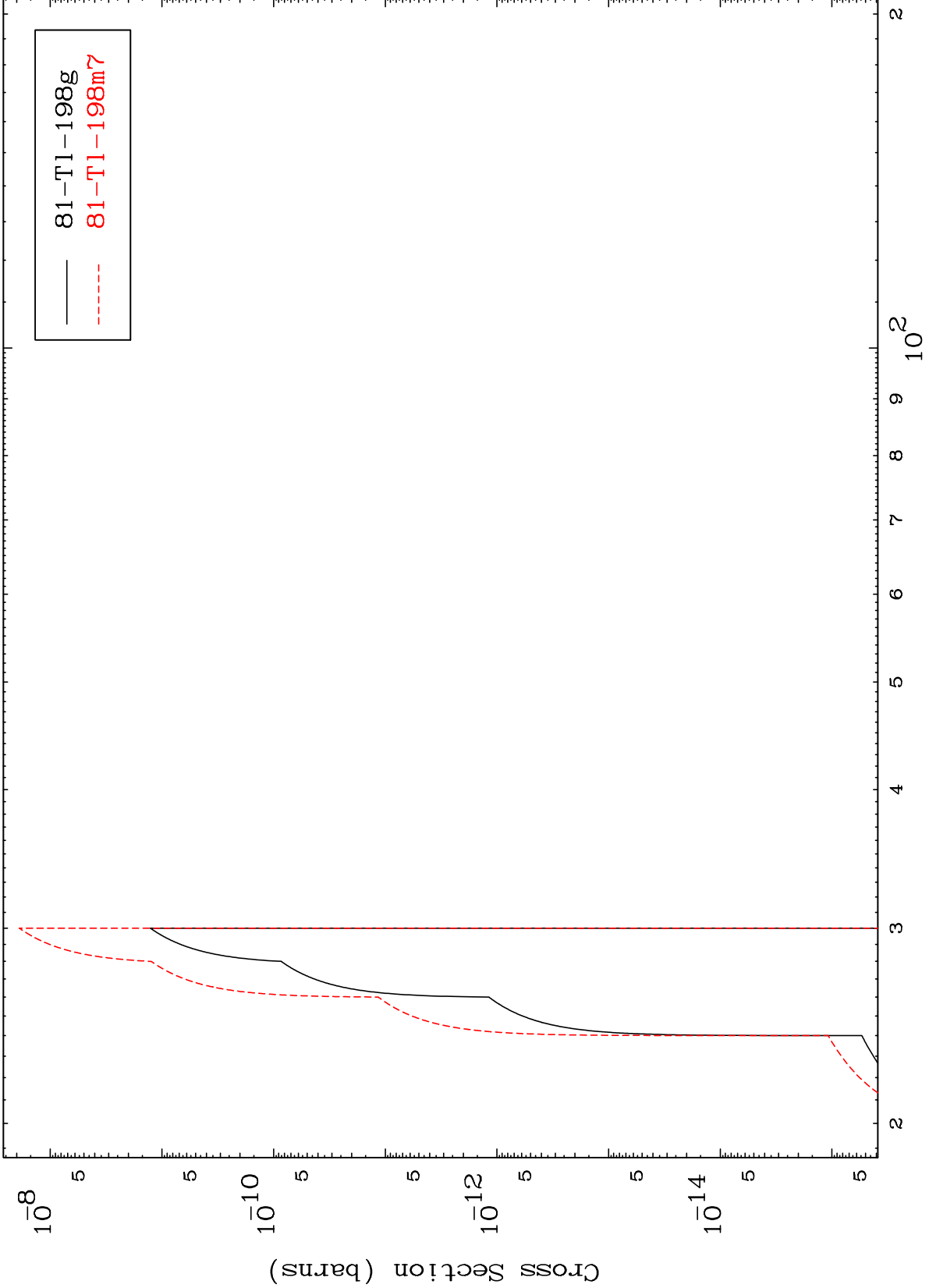
14

MAT 8220

(n,n') t

82-Pb-202m

Radionuclide Production Cross Section



15

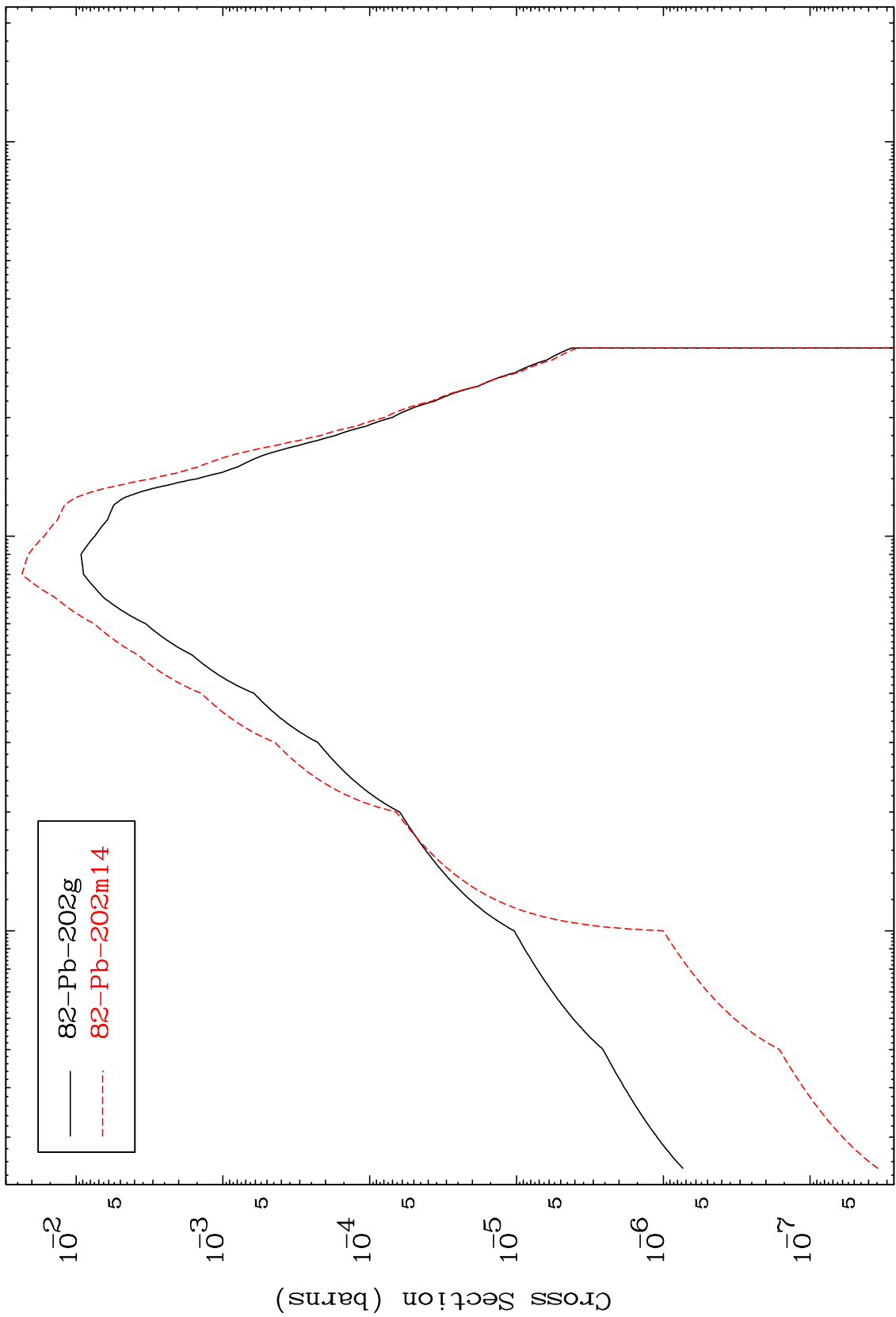
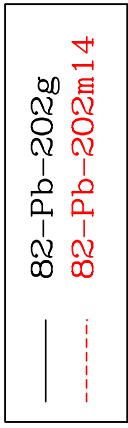
Incident Energy (MeV)

82-Pb-202m

MAT 8220

82-Pb-202m

Radionuclide Production Cross Section



82-Pb-202m

Incident Energy (MeV)

16