

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

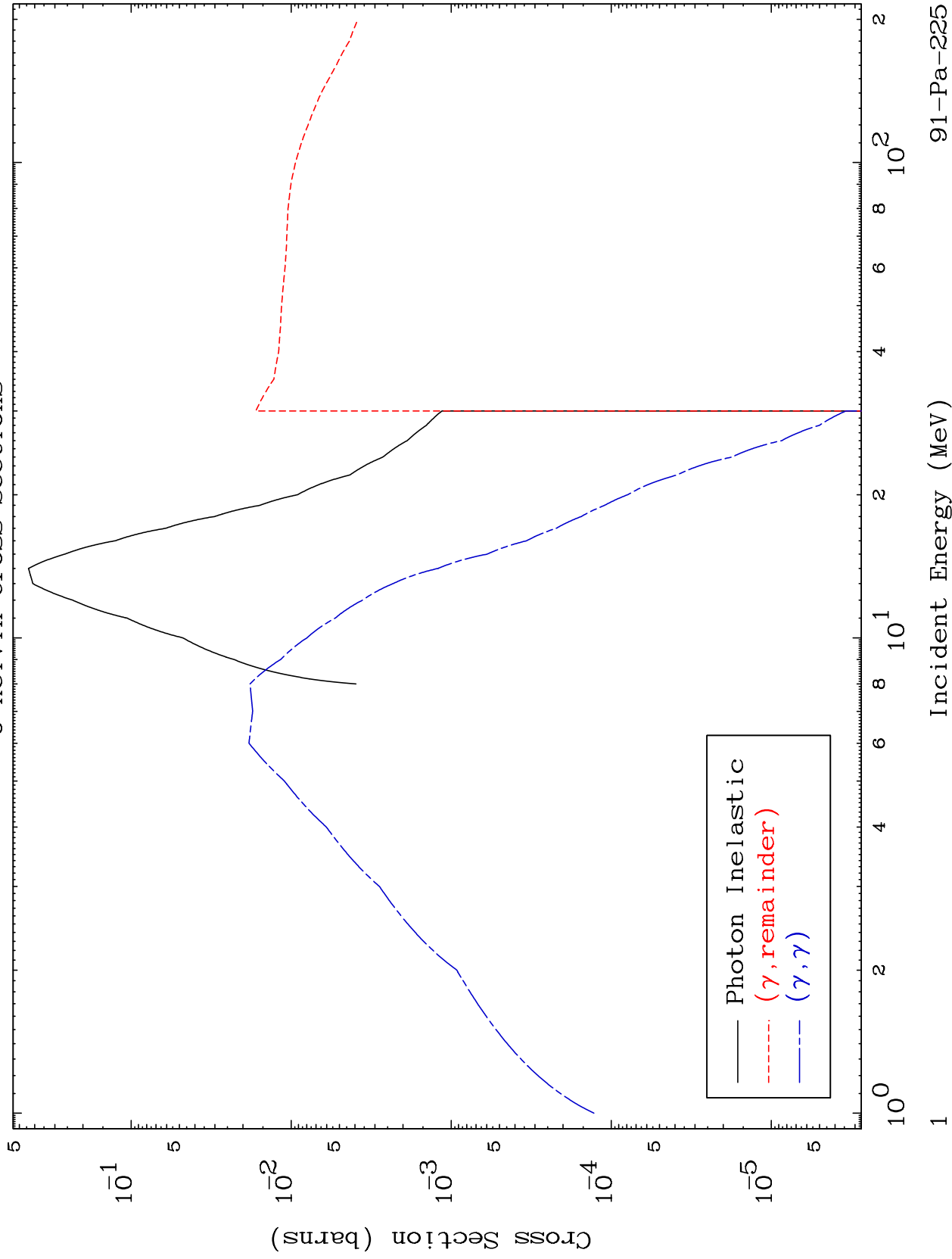
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9113

Photon Major  
0 Kelvin Cross Sections

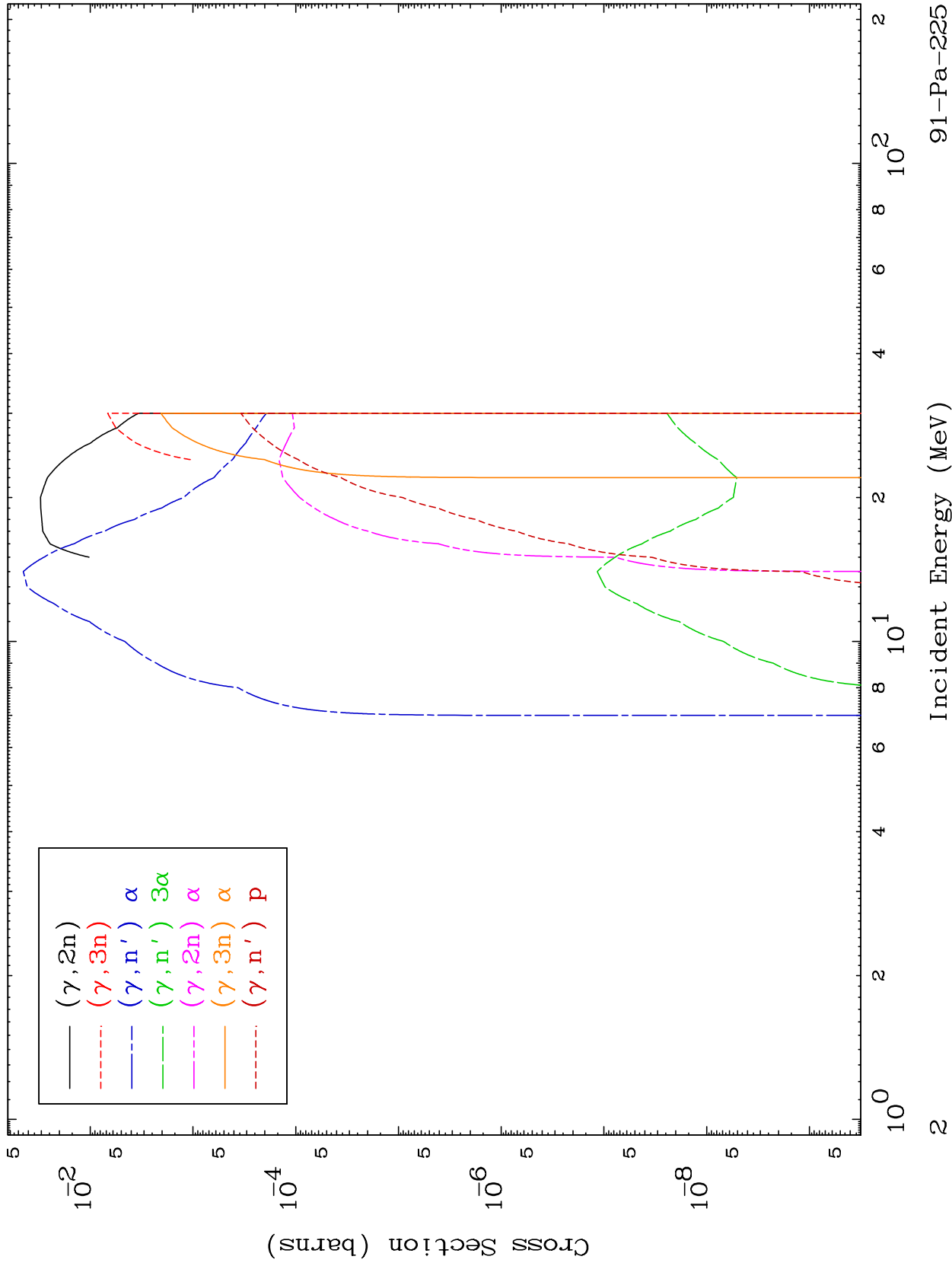
91-Pa-225



MAT 9113

Photon Neutron Production  
0 Kelvin Cross Sections

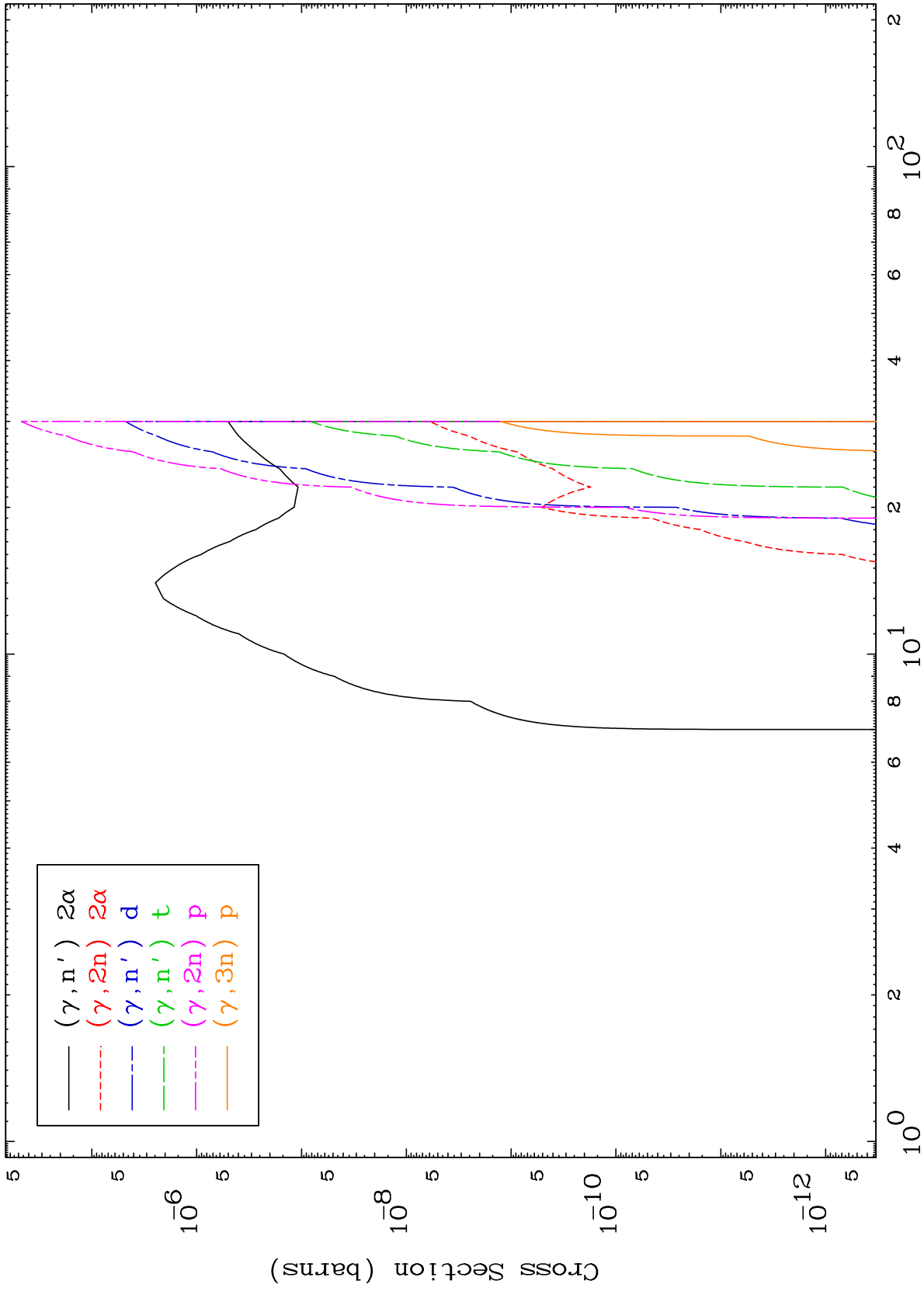
91-Pa-225



MAT 9113

Photon Neutron Production  
0 Kelvin Cross Sections

91-Pa-225



91-Pa-225

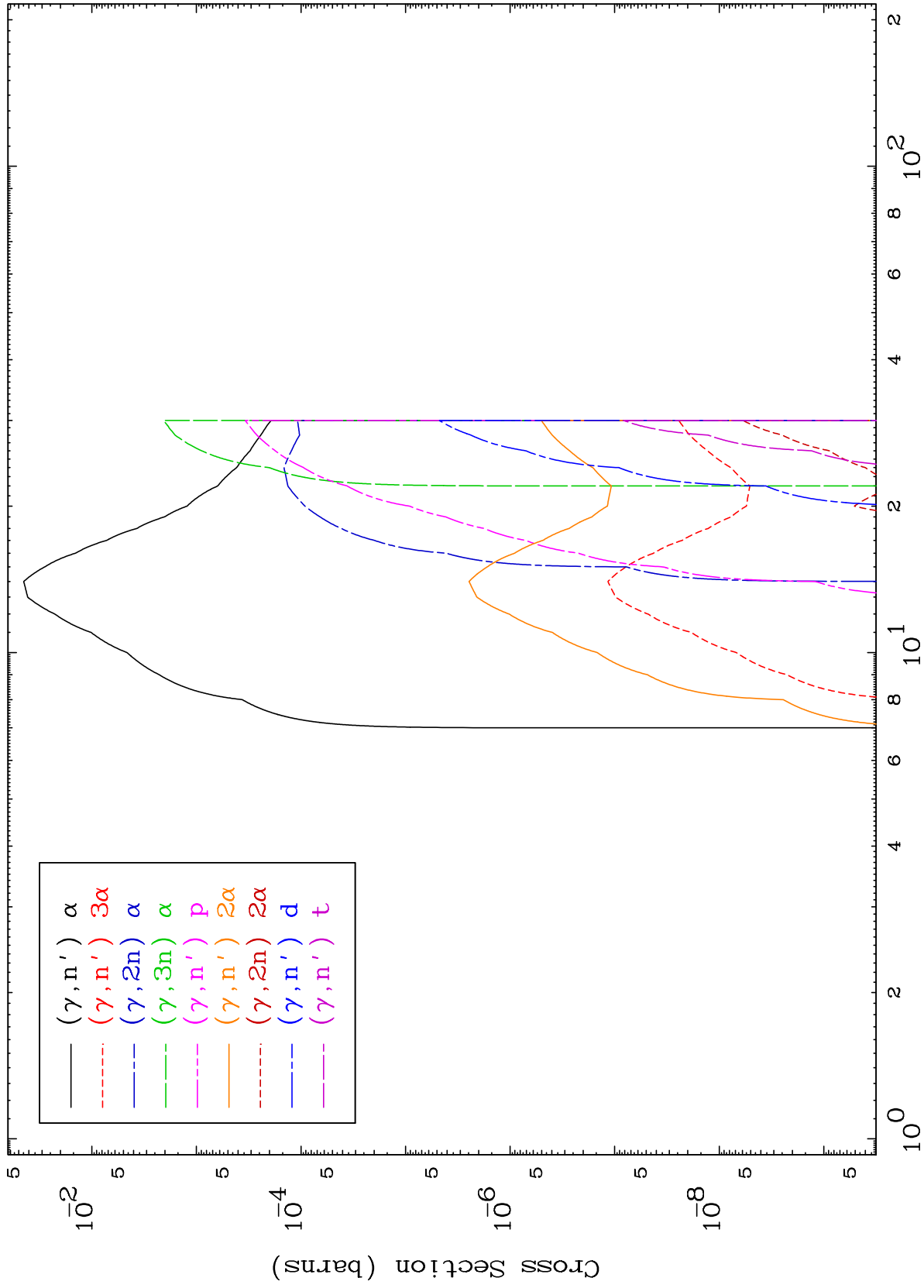
Incident Energy (MeV)

3

MAT 9113

Photon Charged Particle  
0 Kelvin Cross Sections

91-Pa-225



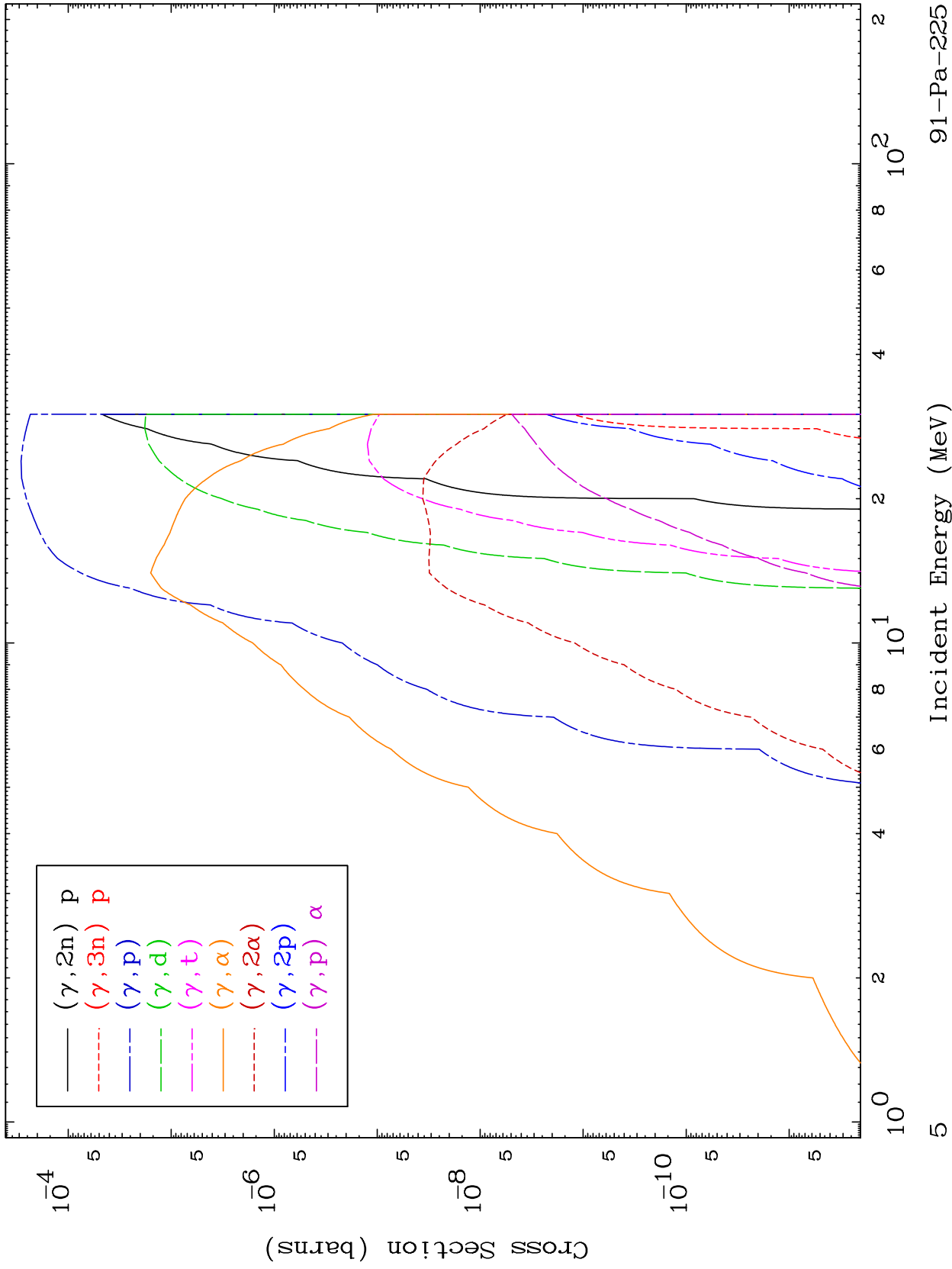
Incident Energy (MeV)

91-Pa-225

MAT 9113

Photon Charged Particle  
0 Kelvin Cross Sections

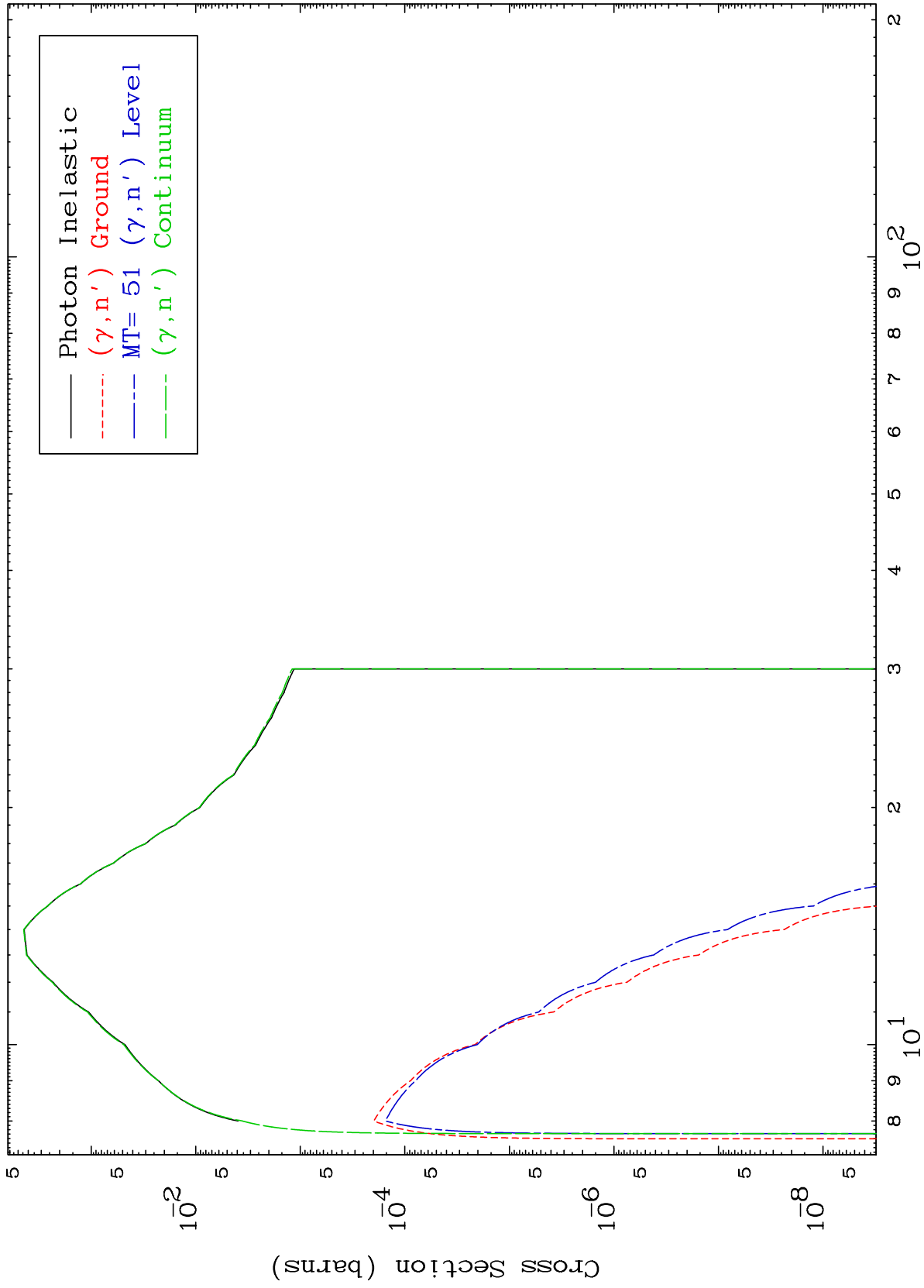
91-Pa-225



MAT 91113

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

91-Pa-225



6

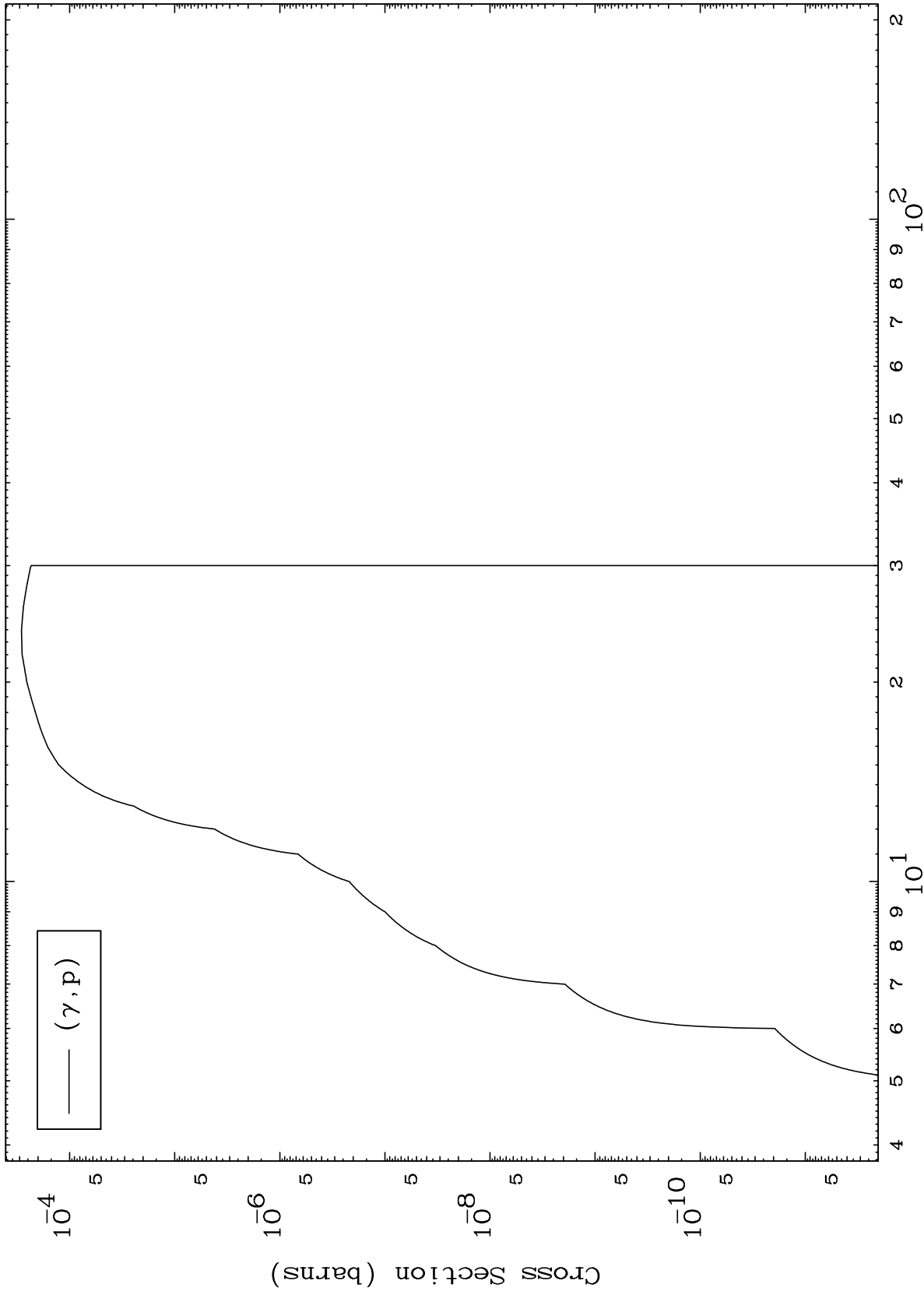
Incident Energy (MeV)

91-Pa-225

MAT 9113

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

91-Pa-225



7

Incident Energy (MeV)

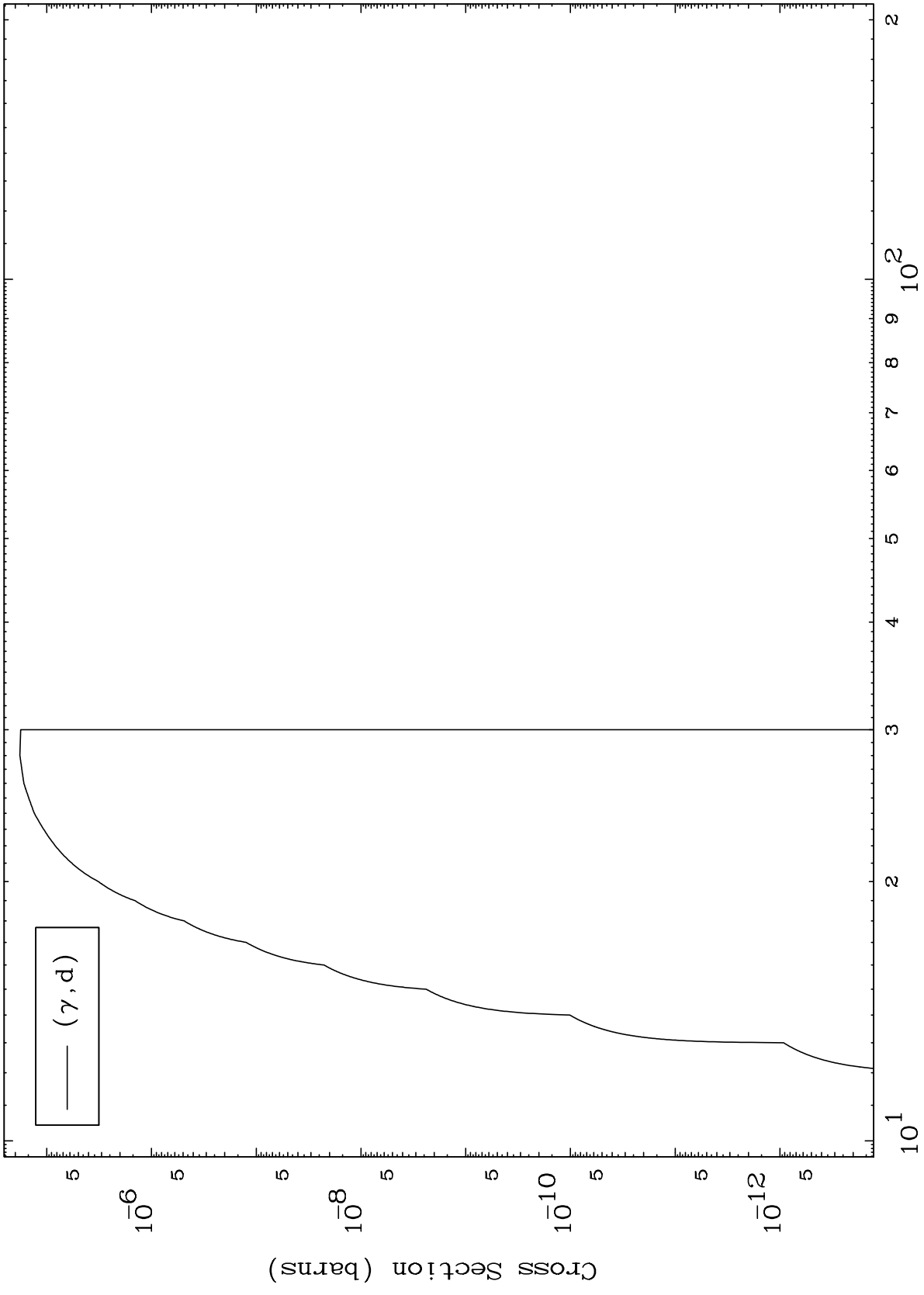
91-Pa-225



MAT 9113

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

91-Pa-225



91-Pa-225

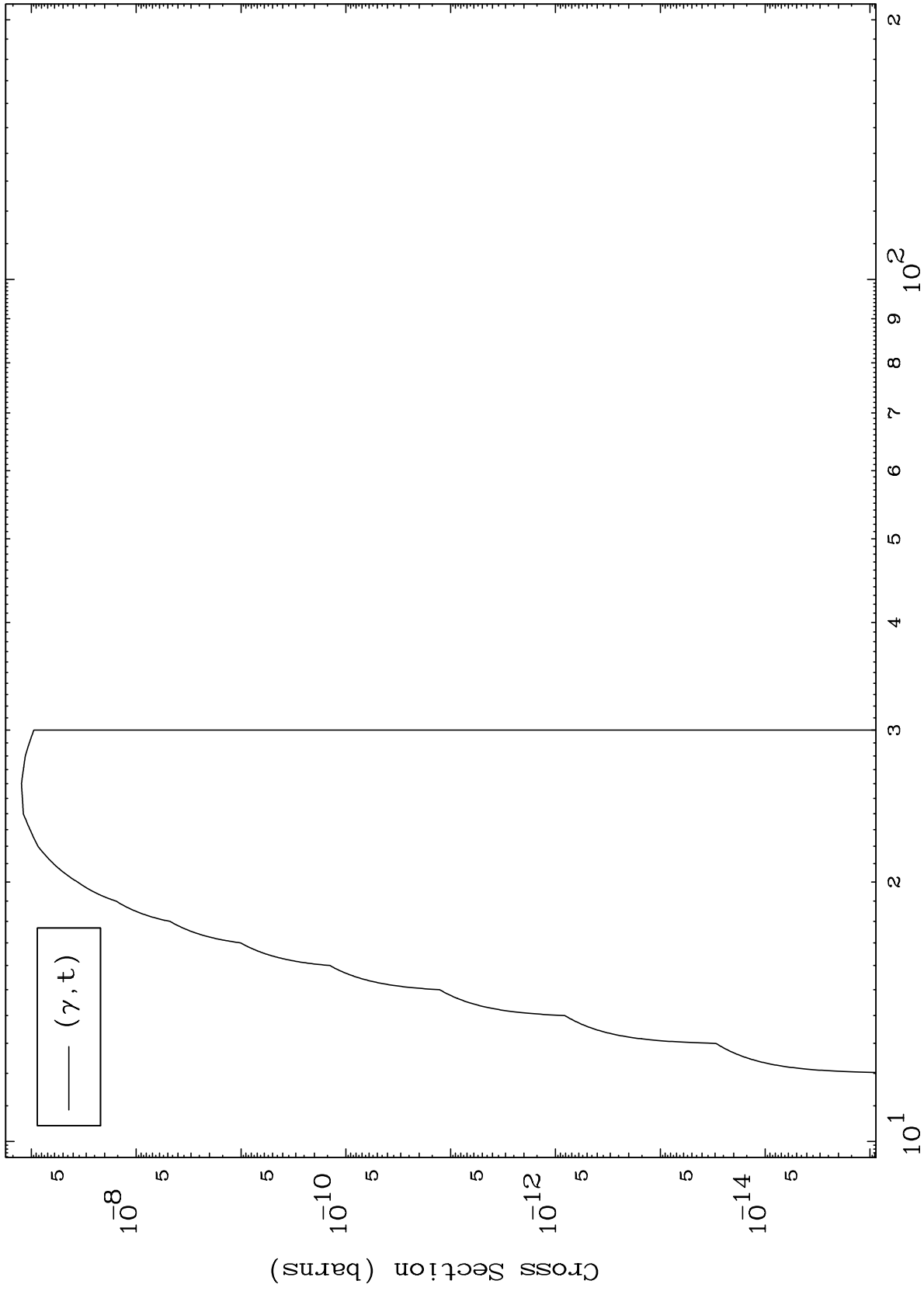
Incident Energy (MeV)

8

MAT 9113

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

91-Pa-225



9

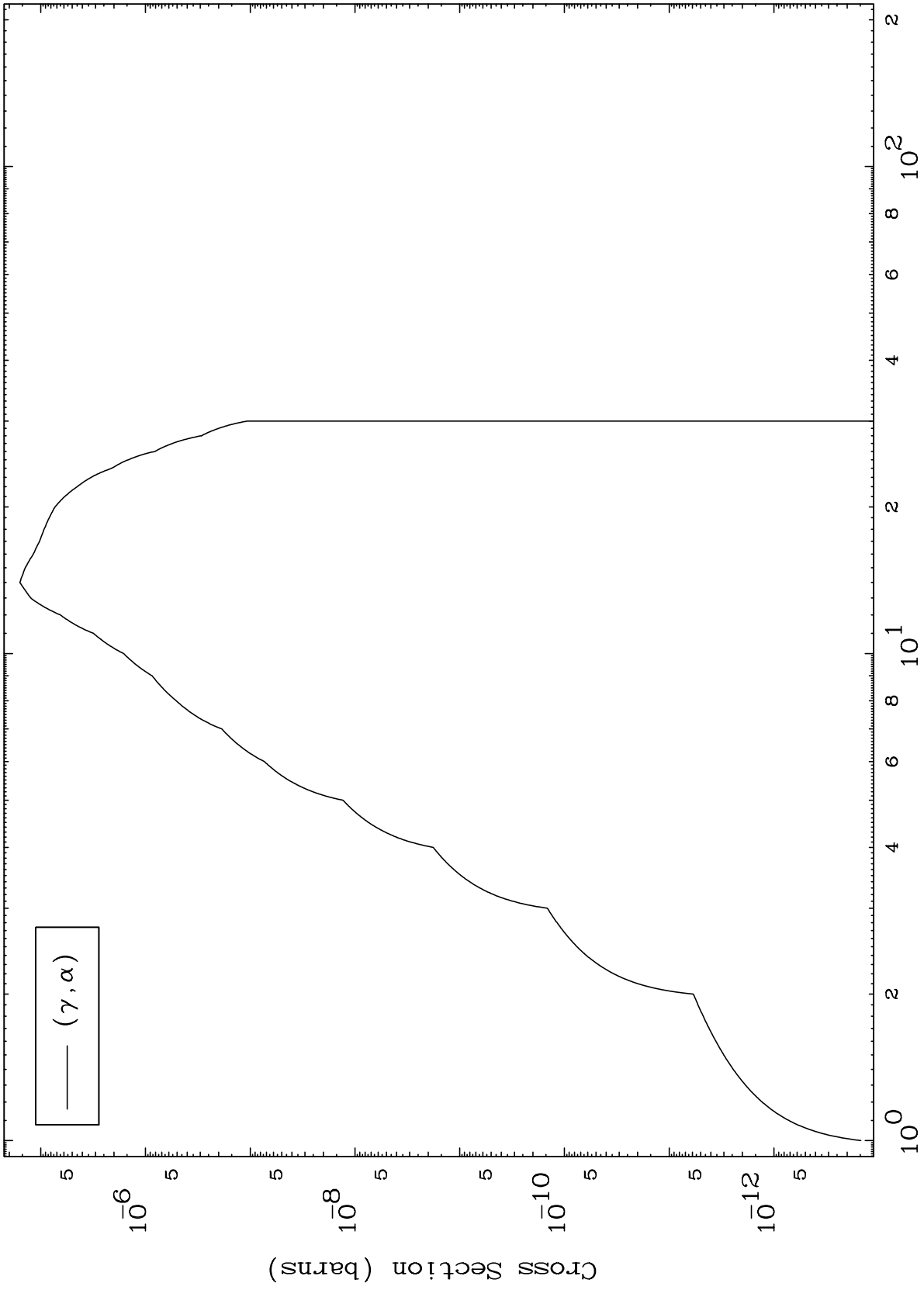
Incident Energy (MeV)

91-Pa-225

MAT 9113

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

91-Pa-225



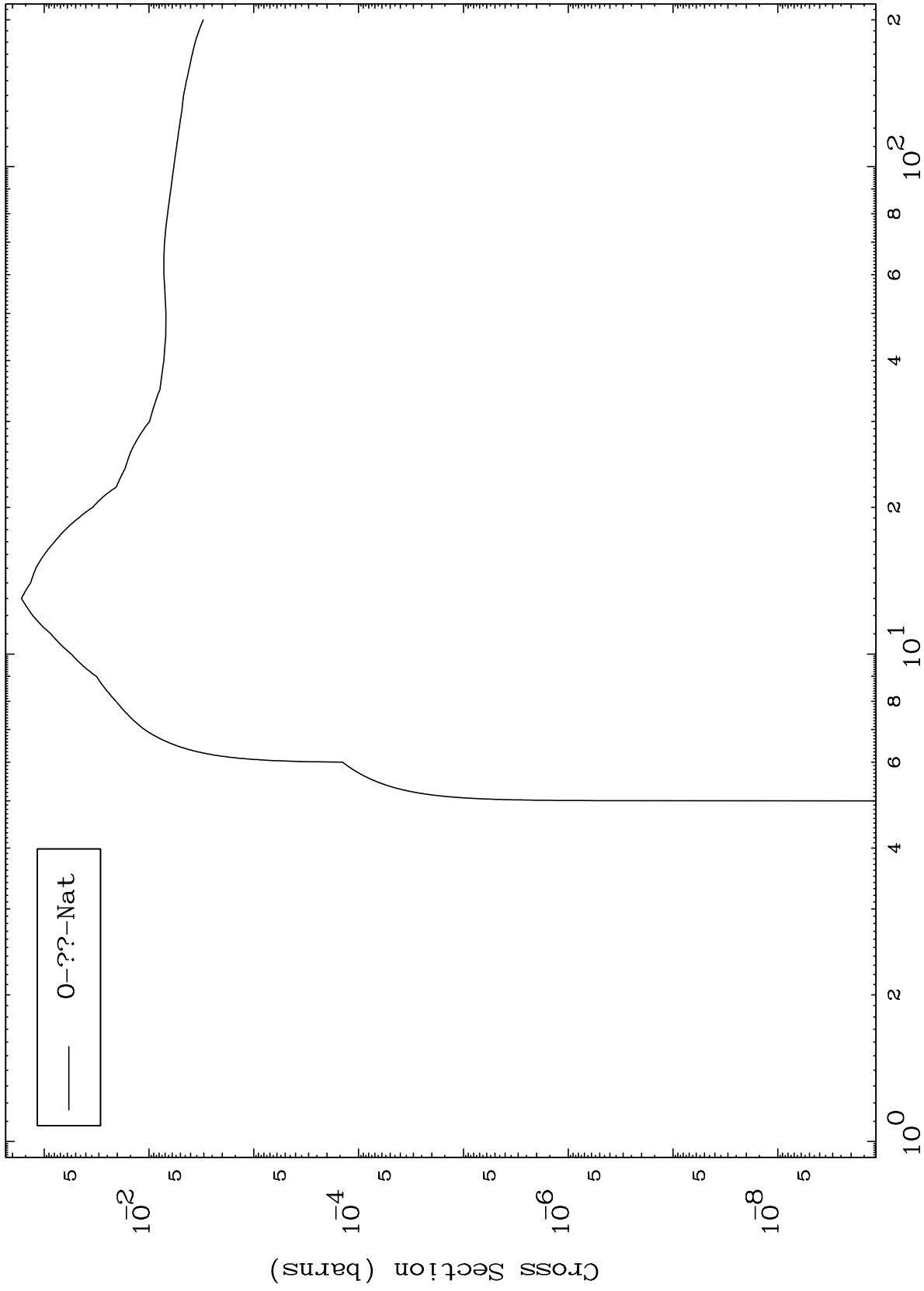
Incident Energy (MeV)

91-Pa-225

MAT 9113

91-Pa-225

Photon Fission  
Radionuclide Production Cross Section



11

Incident Energy (MeV)

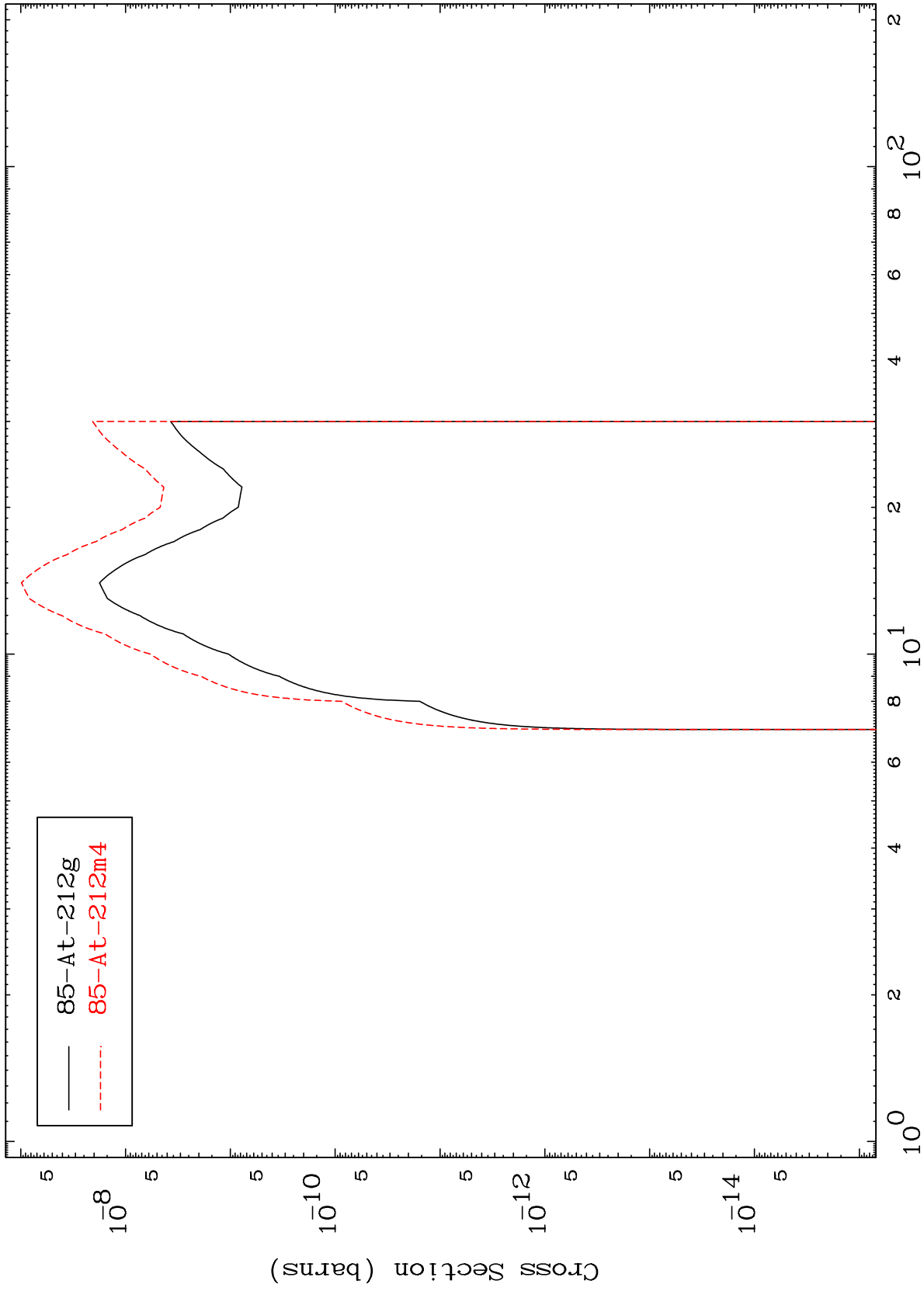
91-Pa-225

MAT 9113

( $\gamma, n'$ )  $3\alpha$

91-Pa-225

Radionuclide Production Cross Section



85-At-212g  
85-At-212m4

Incident Energy (MeV)

91-Pa-225