

Program EVALPLOT  
(Version 2017-1)

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)

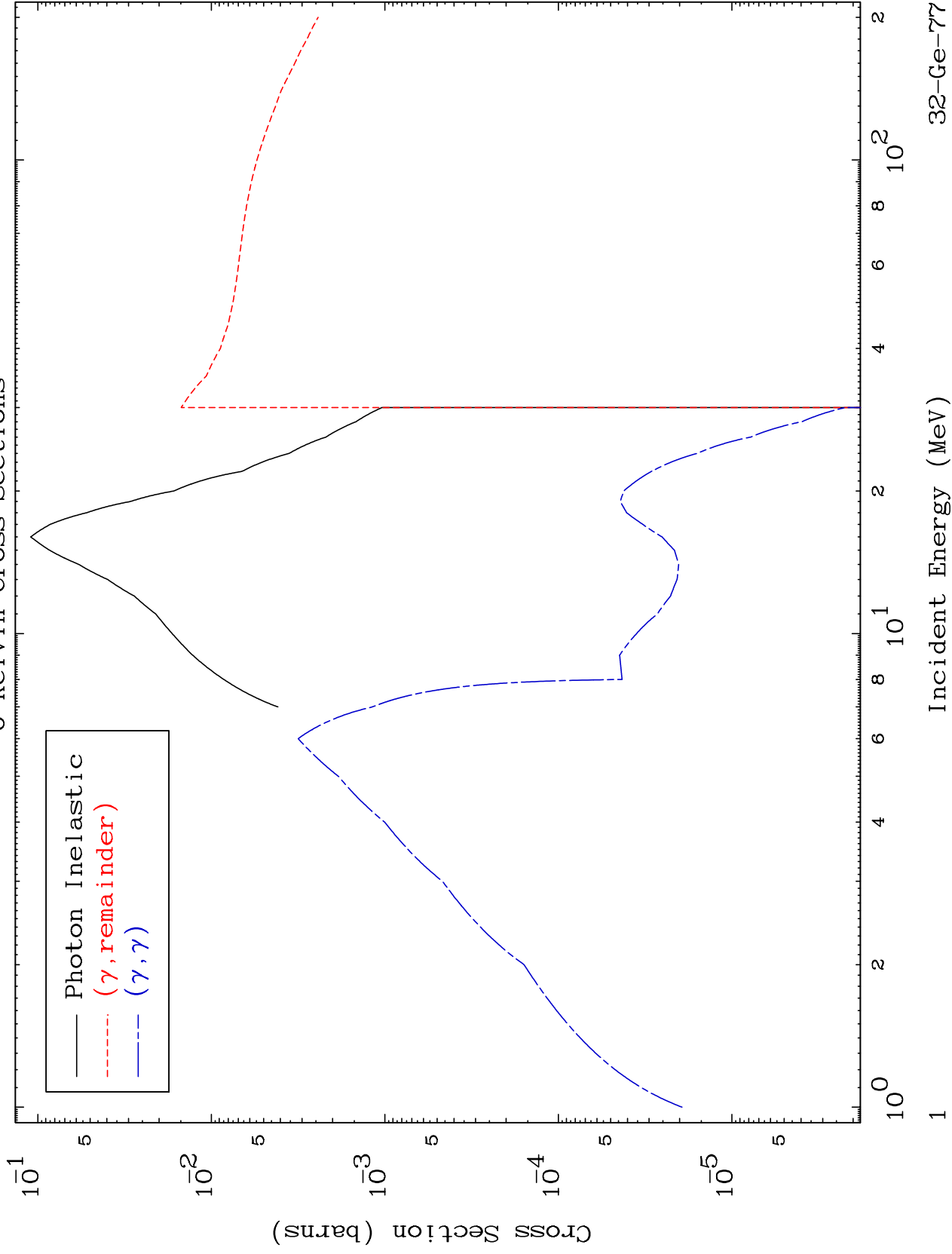
Press Mouse Button to Start

MAT 3246

Photon Major

32-Ge-77

0 Kelvin Cross Sections



Legend:  
— Photon Inelastic  
- - -  $(\gamma, \text{remainder})$   
- . -  $(\gamma, \gamma)$

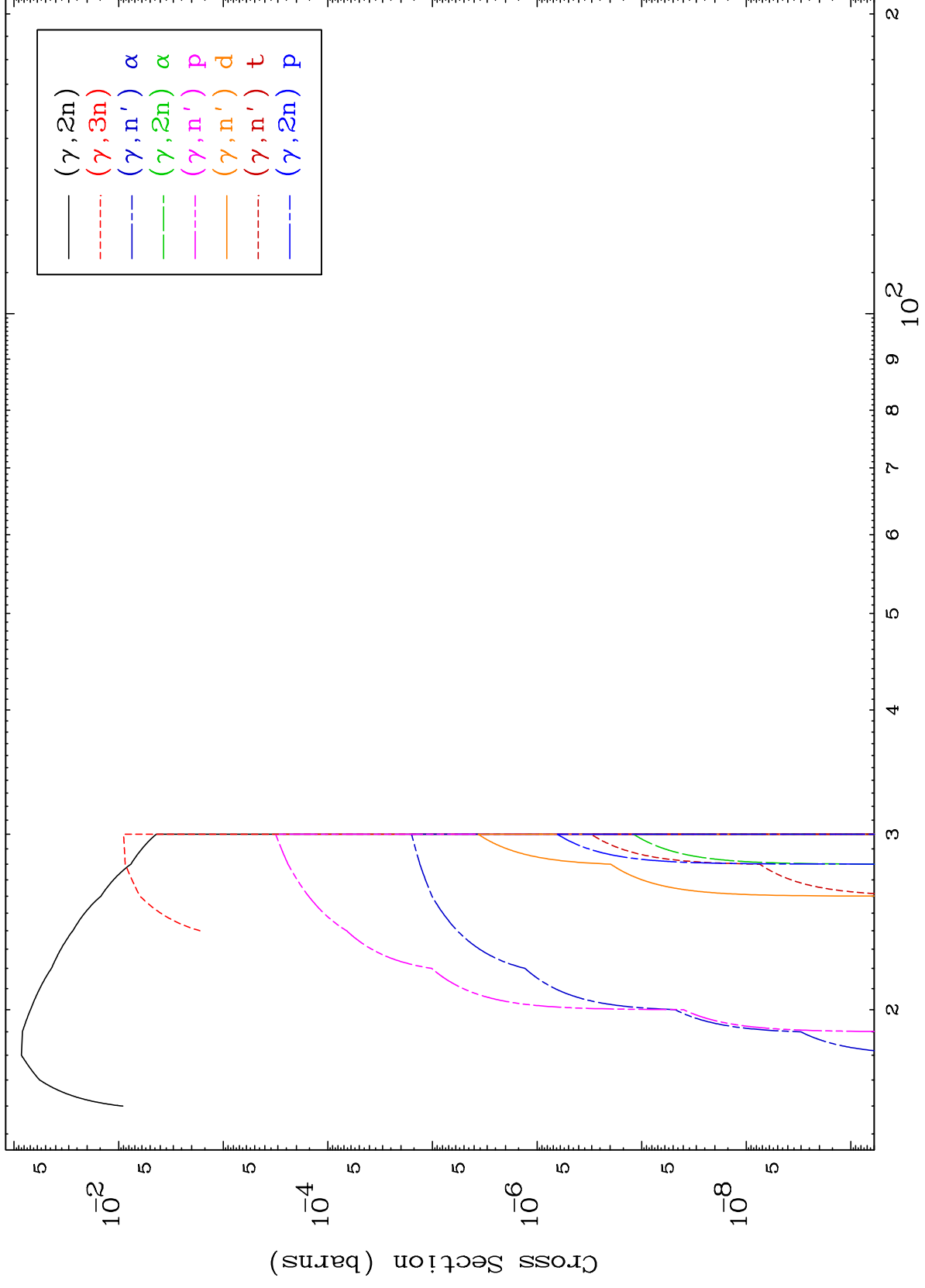
Incident Energy (MeV)

32-Ge-77

MAT 3246

Photon Neutron Production  
0 Kelvin Cross Sections

32-Ge-77



2

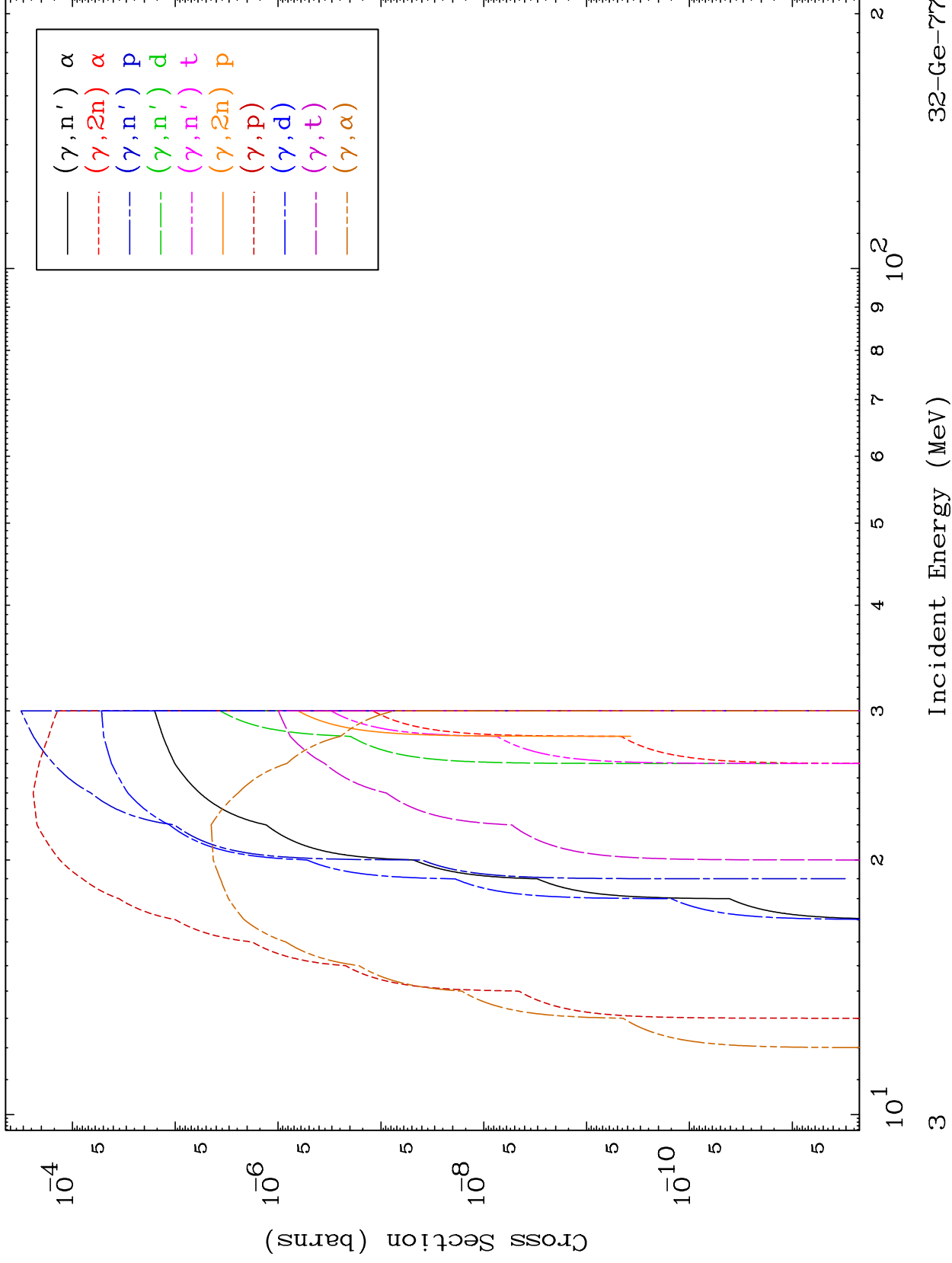
Incident Energy (MeV)

32-Ge-77

MAT 3246

Photon Charged Particle  
0 Kelvin Cross Sections

32-Ge-77



32-Ge-77

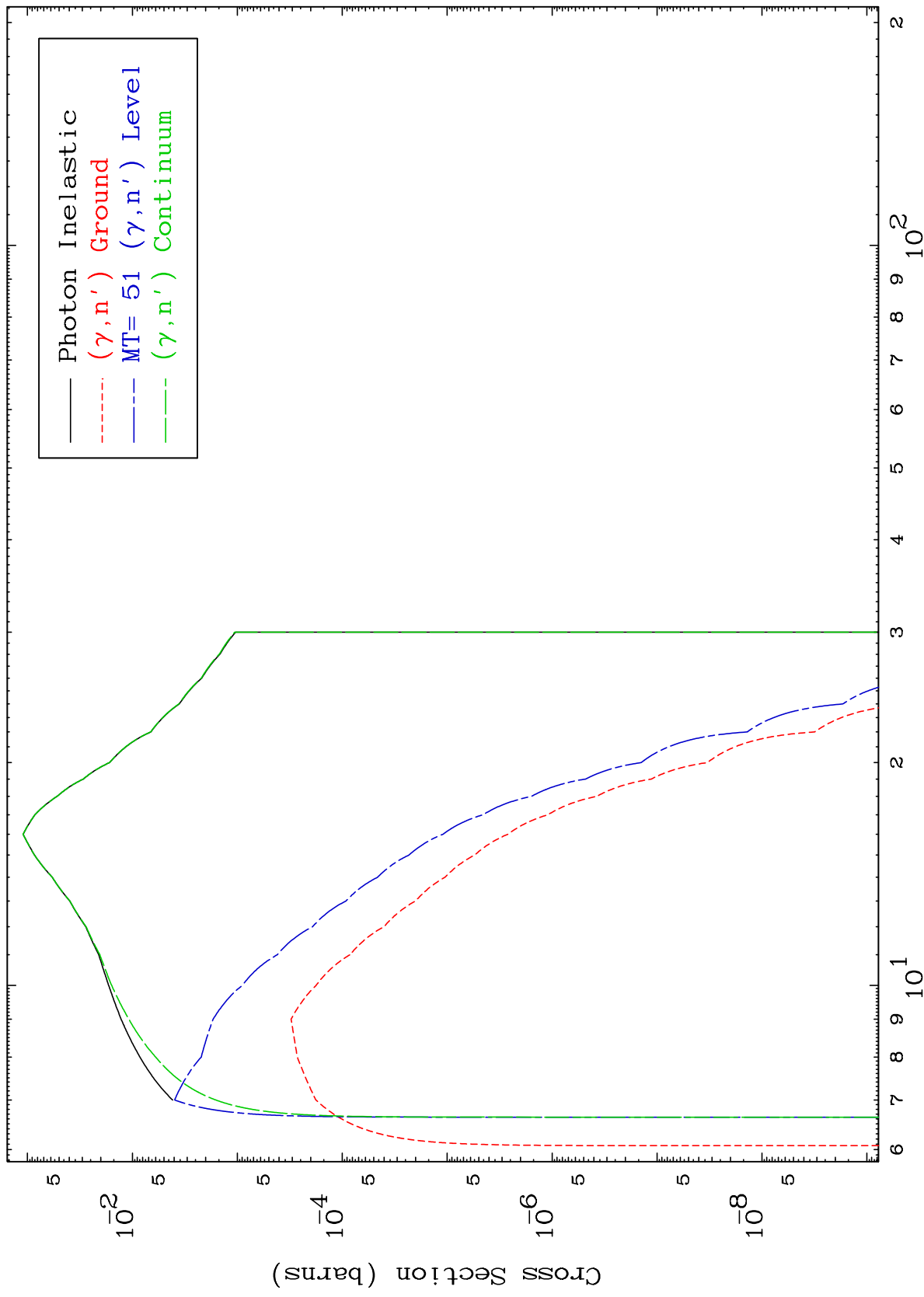
Incident Energy (MeV)

MAT 3246

$(\gamma, n')$  Level

$^{32}\text{Ge-77}$

0 Kelvin Cross Sections



4

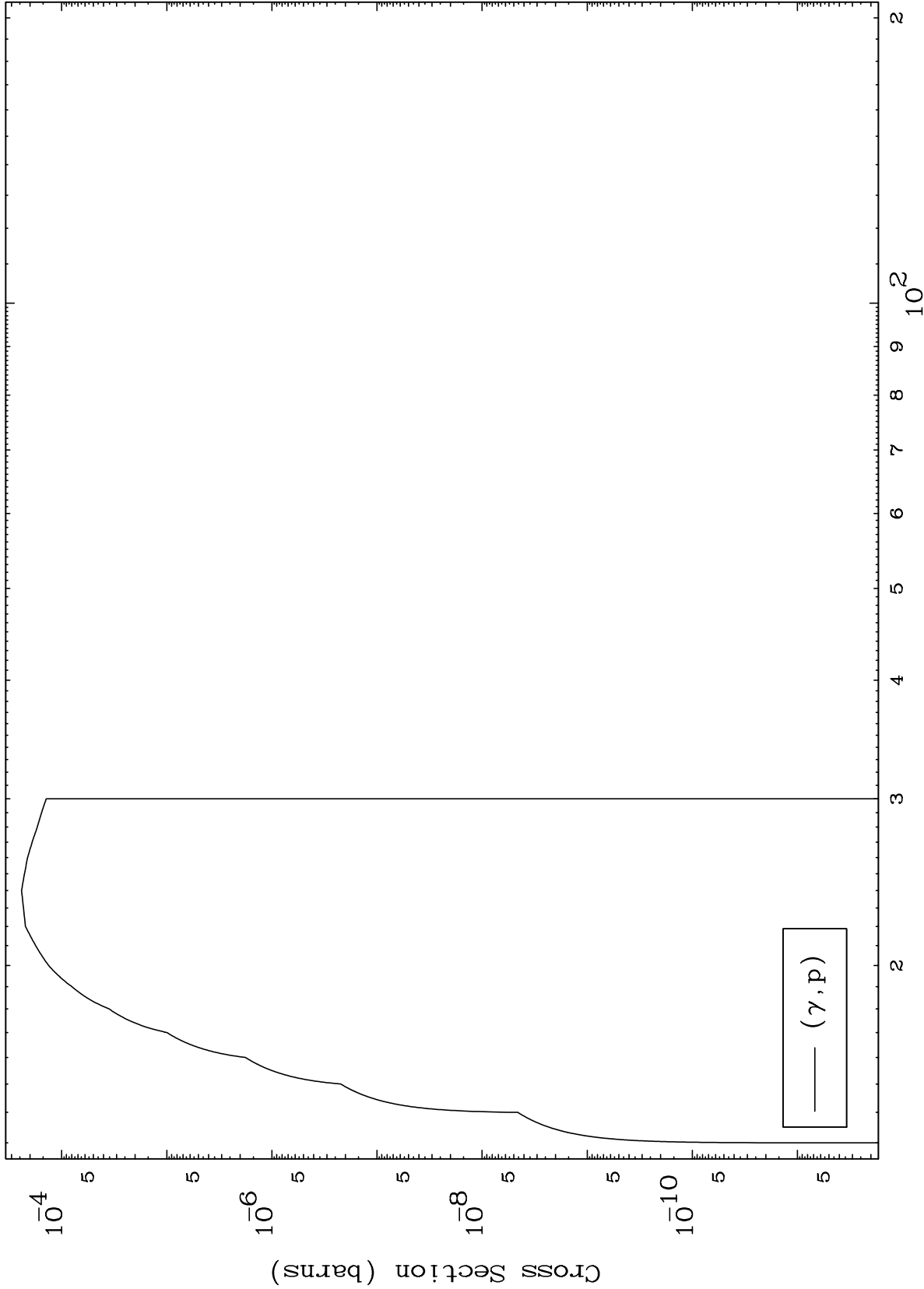
Incident Energy (MeV)

$^{32}\text{Ge-77}$

MAT 3246

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

$^{32}\text{Ge-77}$



5

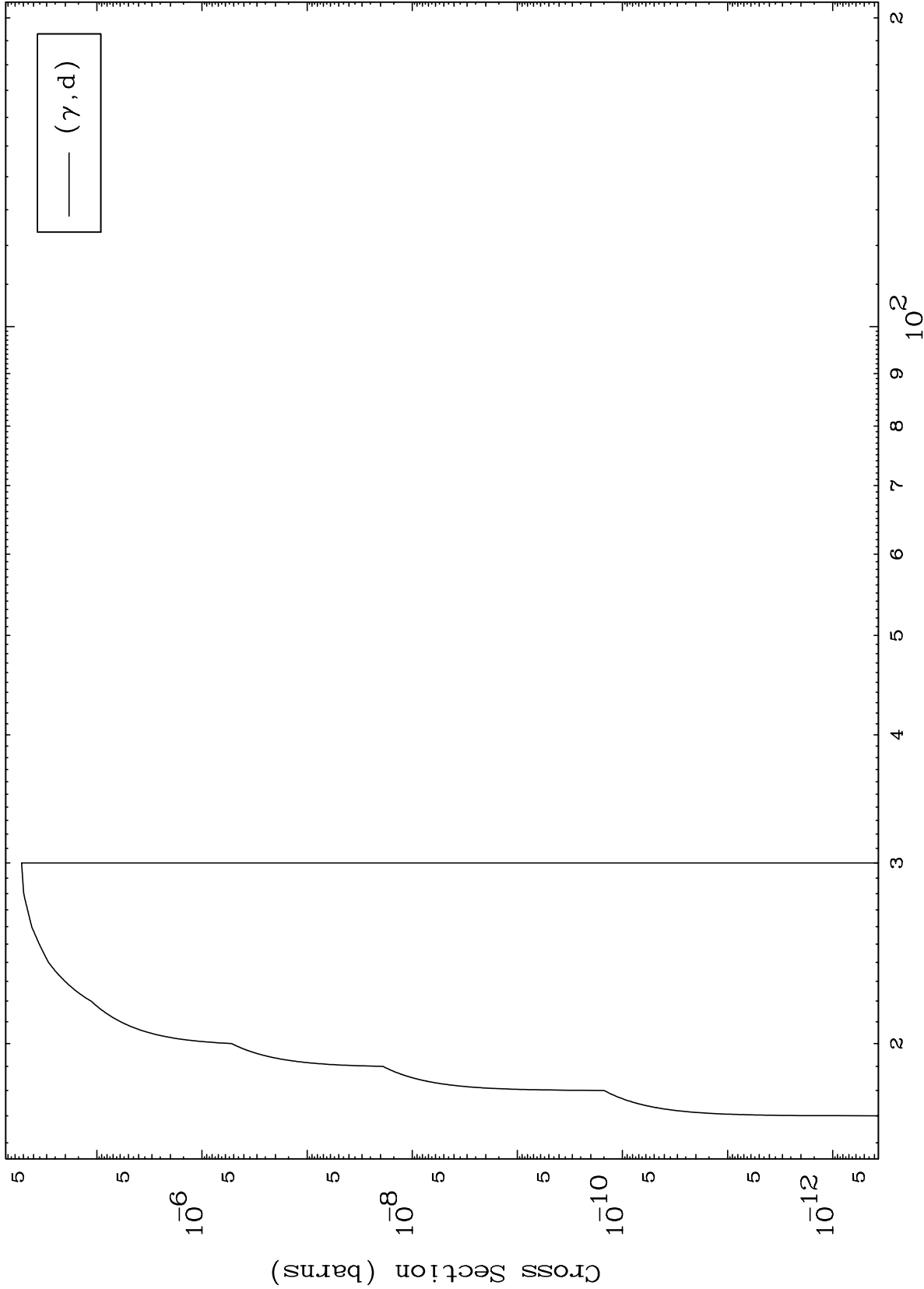
Incident Energy (MeV)

$^{32}\text{Ge-77}$

MAT 3246

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

32-Ge-77



6

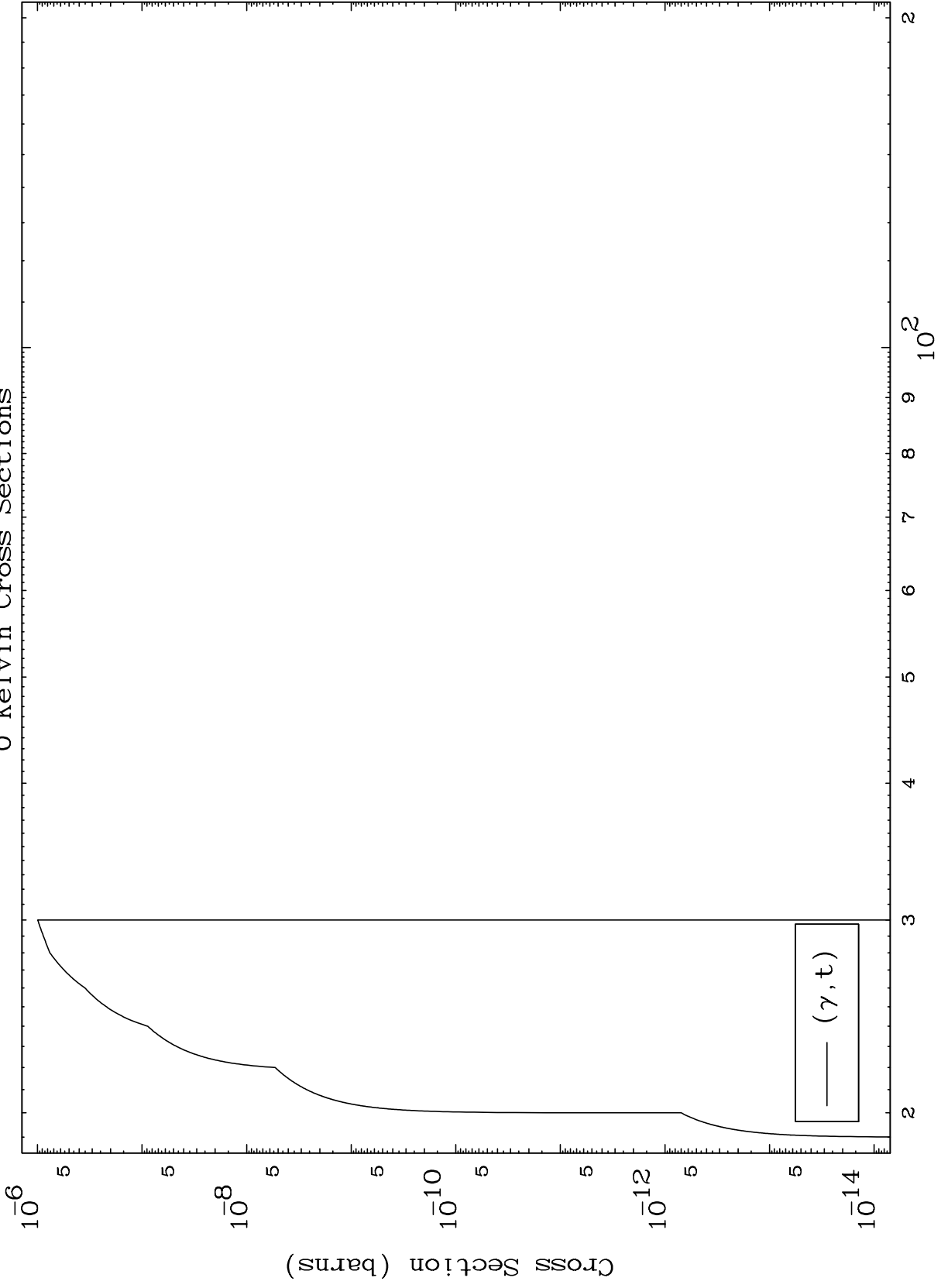
Incident Energy (MeV)

32-Ge-77

MAT 3246

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

$^{32}\text{Ge-77}$



7

Incident Energy (MeV)

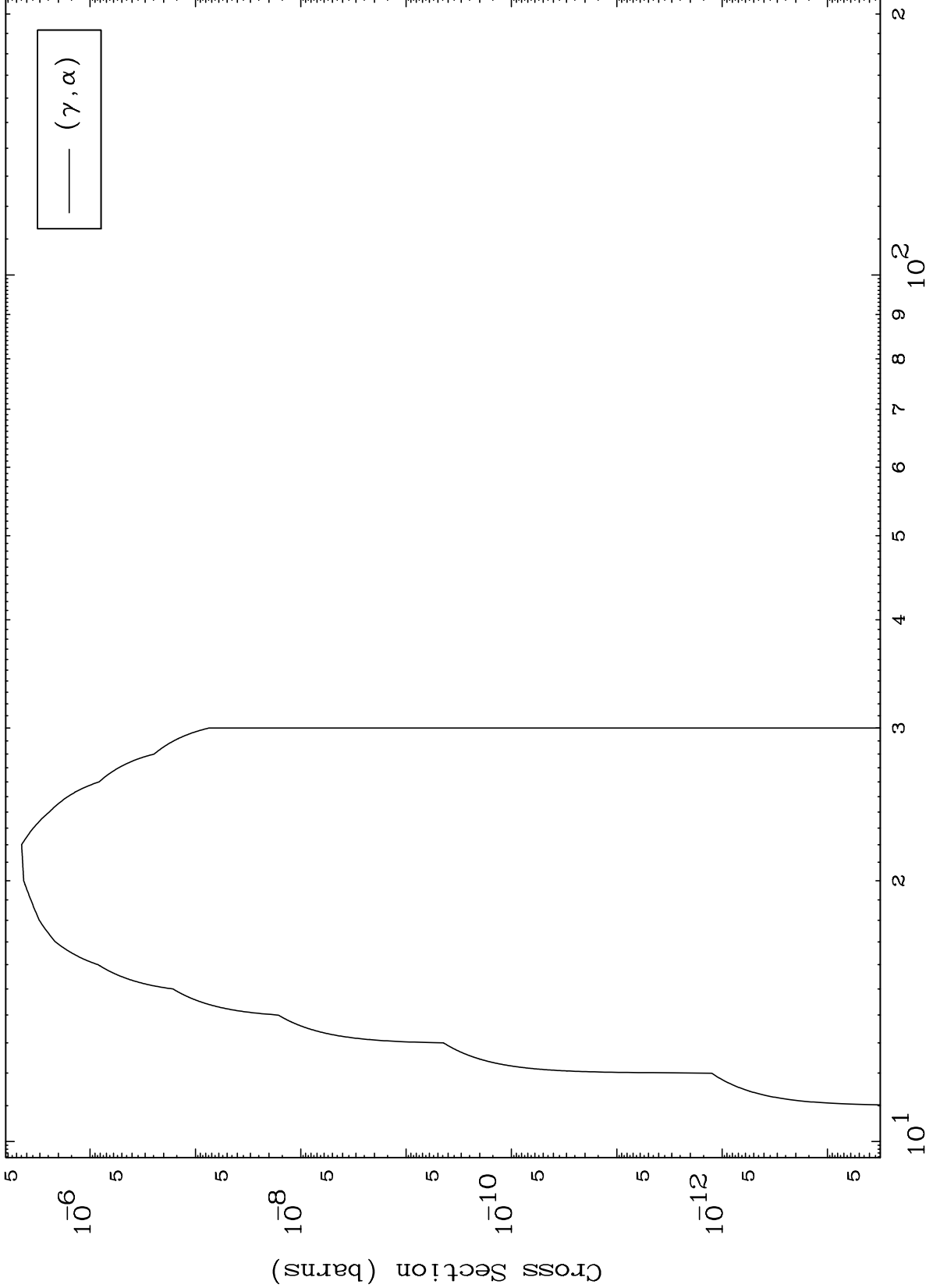
$^{32}\text{Ge-77}$



MAT 3246

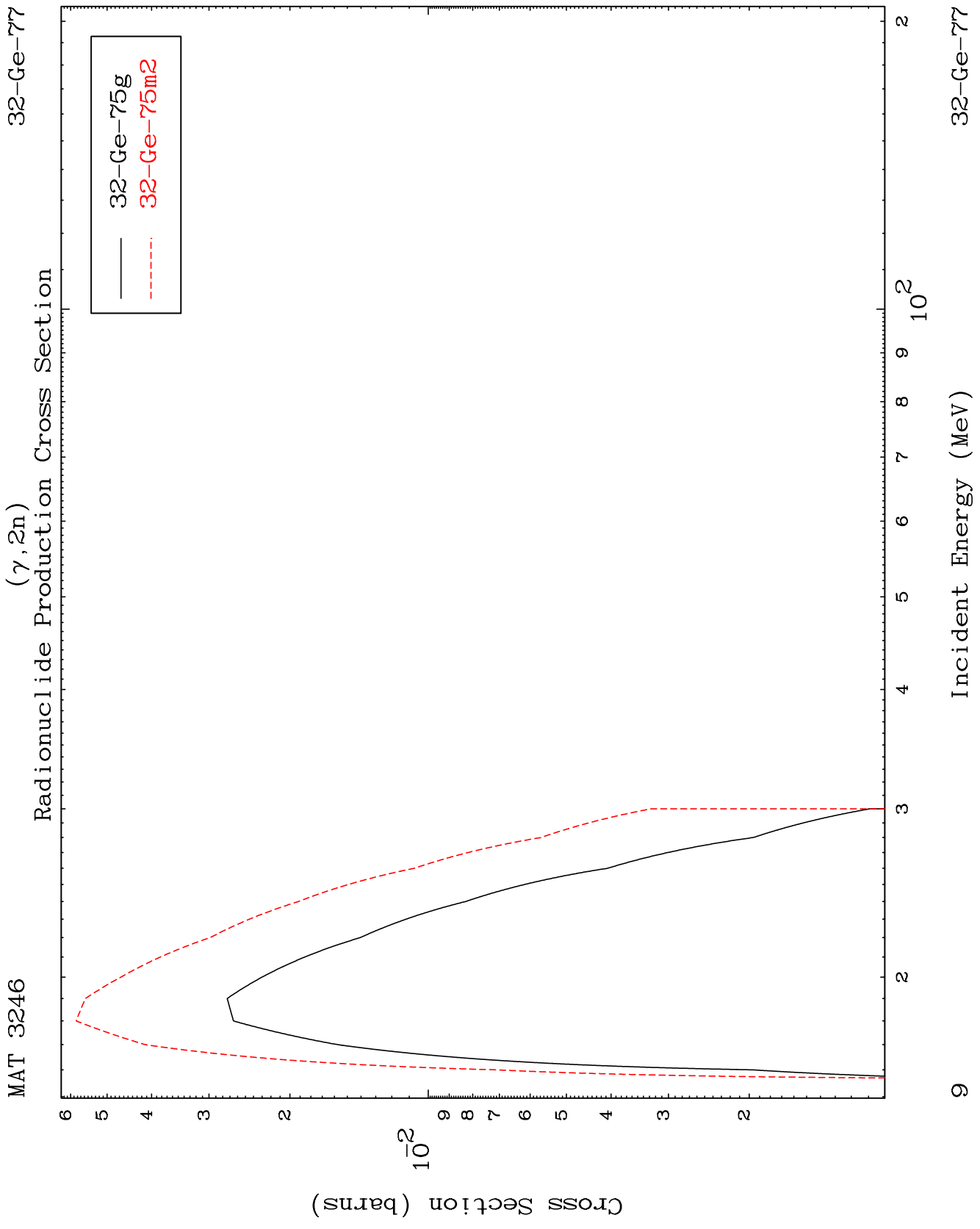
( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections

32-Ge-77



Incident Energy (MeV)

32-Ge-77

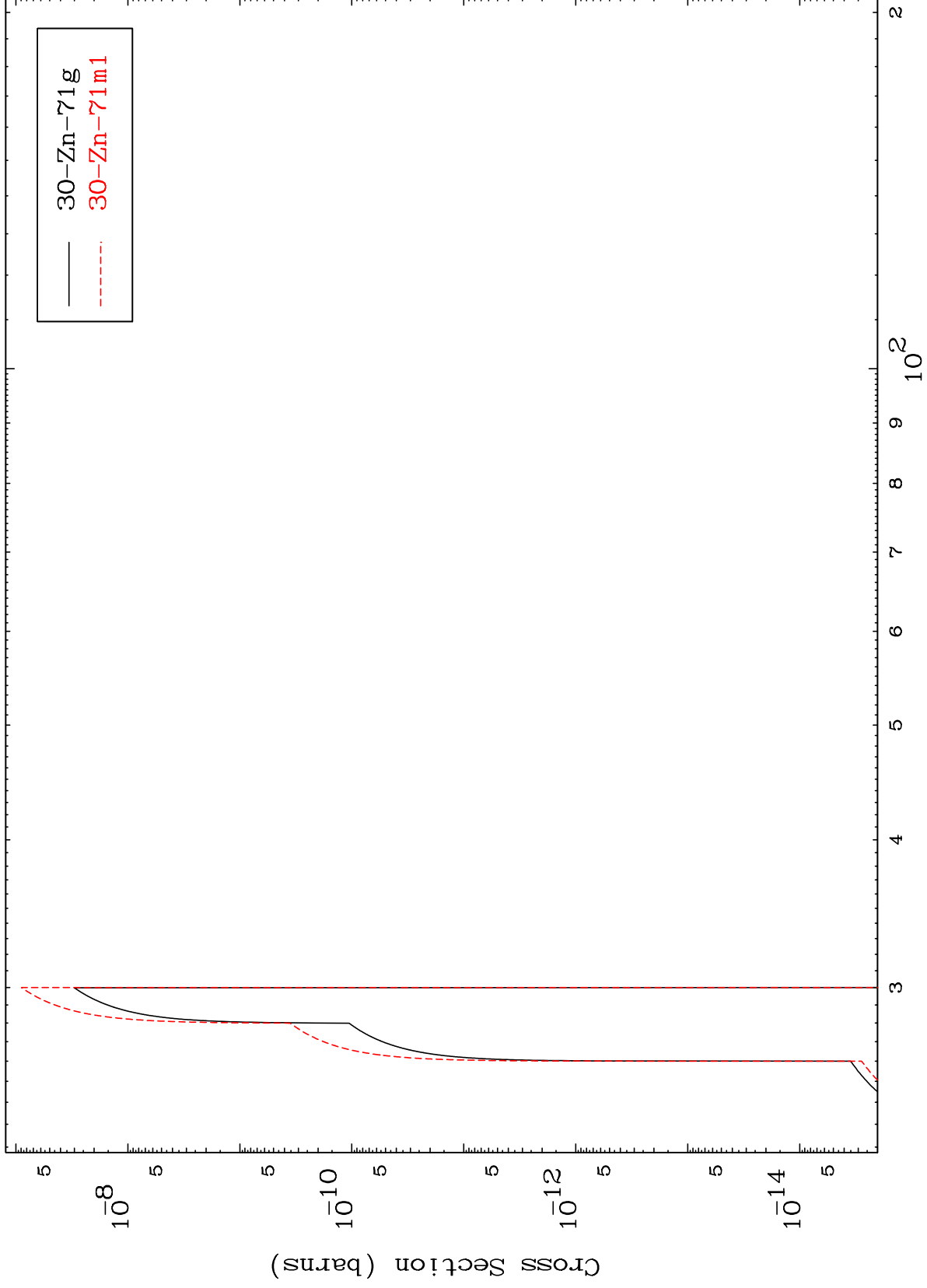


MAT 3246

$(\gamma, 2n) \alpha$

32-Ge-77

Radionuclide Production Cross Section

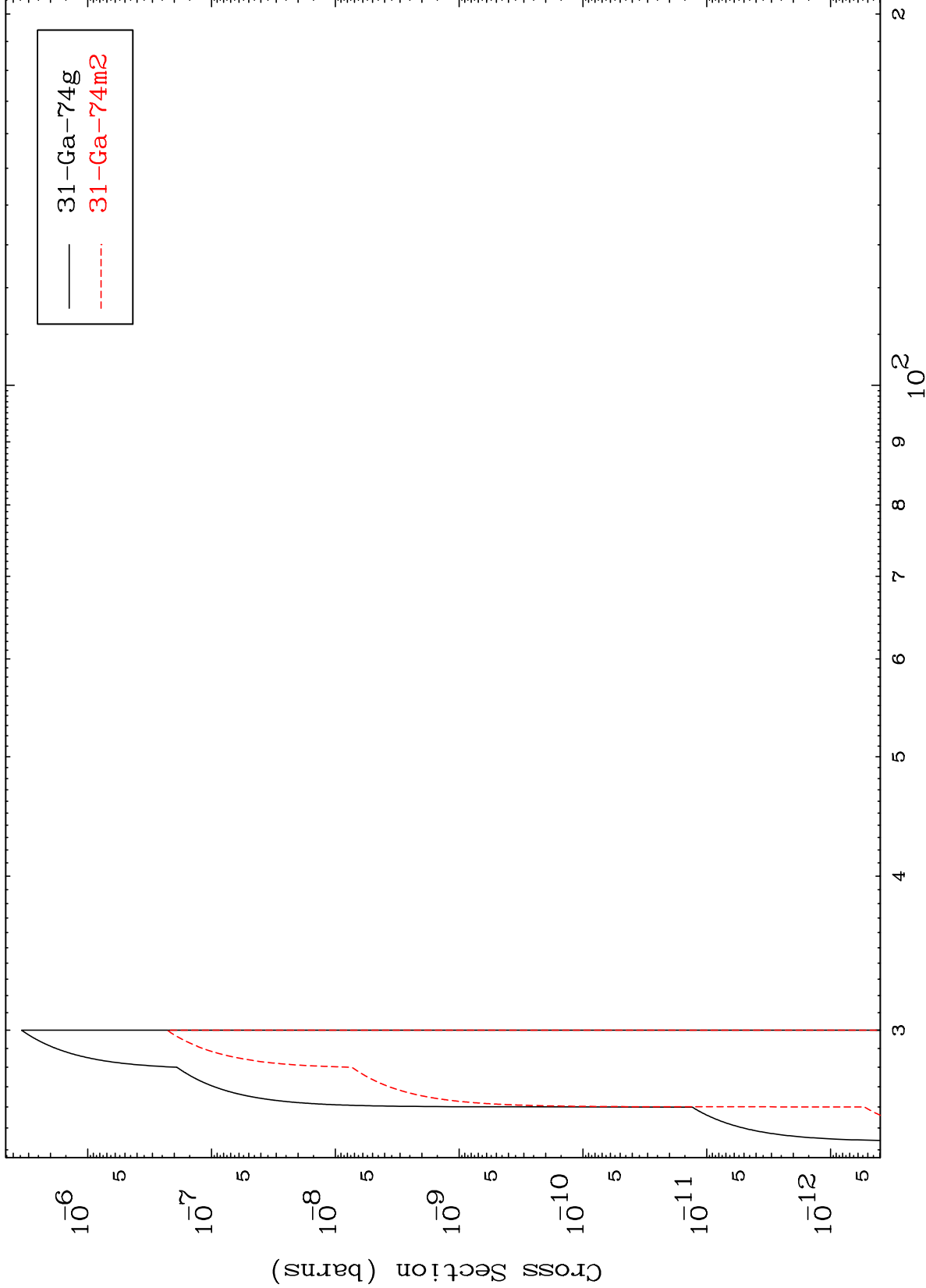


10

Incident Energy (MeV)

32-Ge-77

Radionuclide Production Cross Section



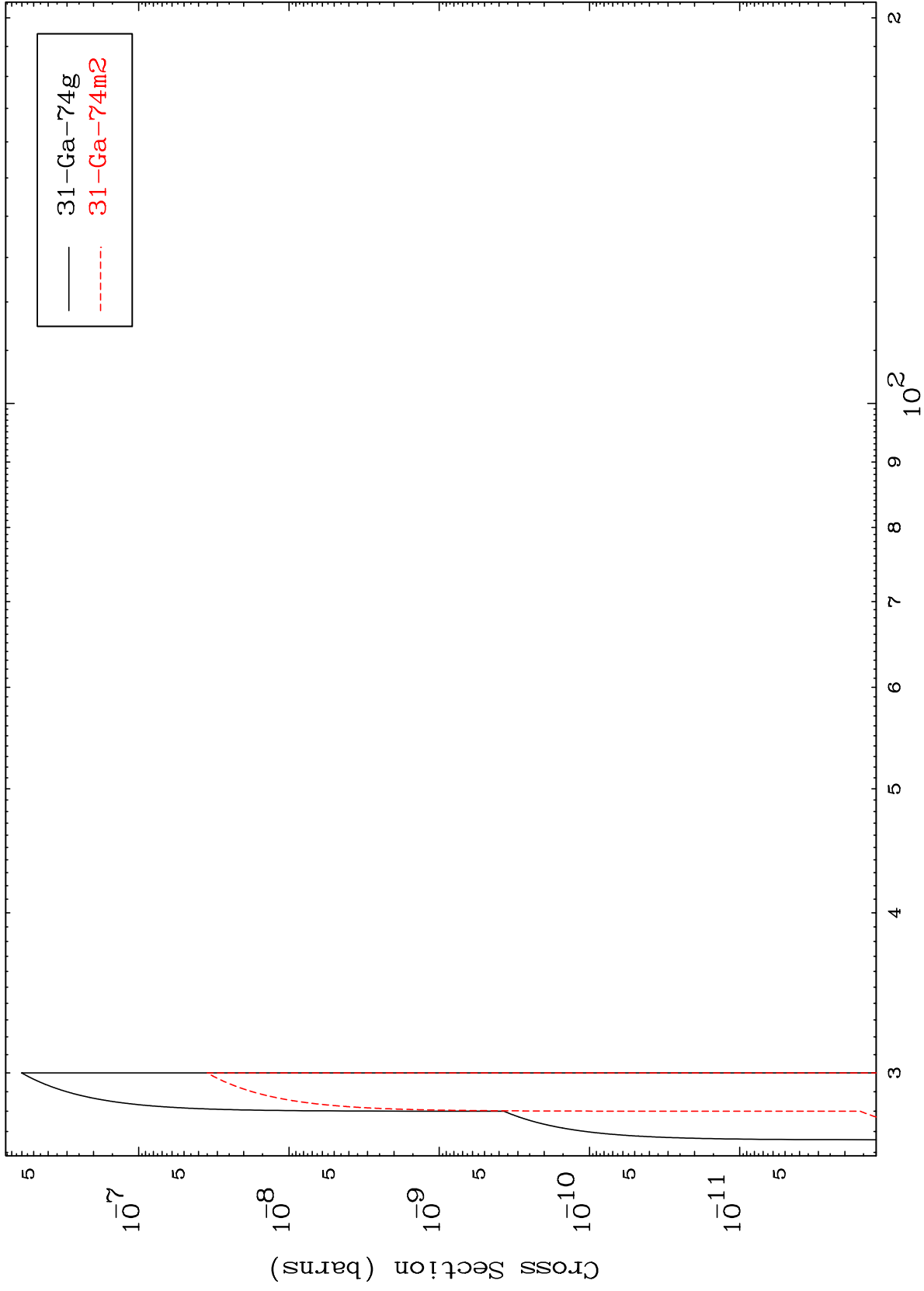
31-Ga-74g  
31-Ga-74m2

MAT 3246

$(\gamma, 2n)$  p

32-Ge-77

Radionuclide Production Cross Section



12

Incident Energy (MeV)

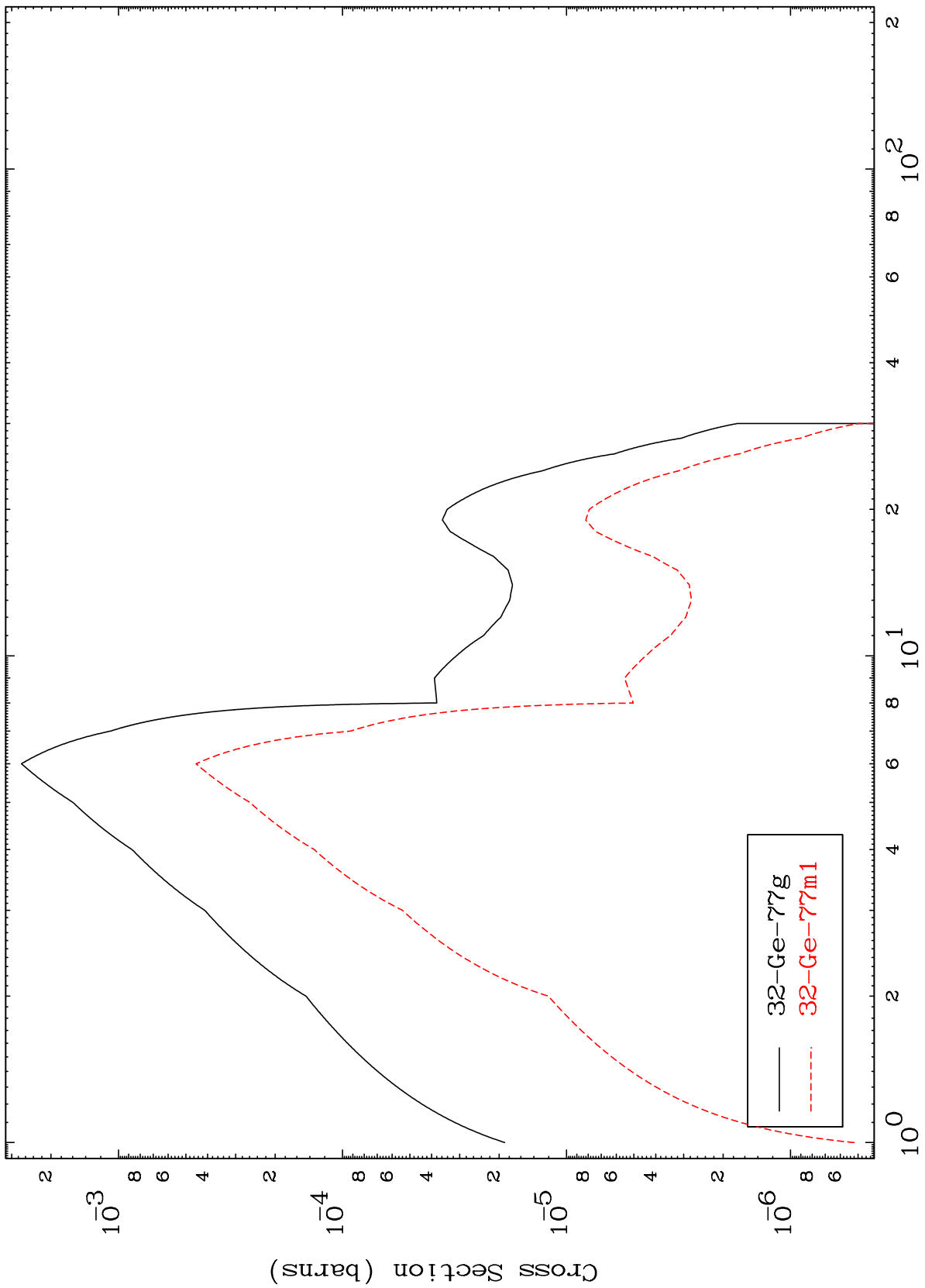
32-Ge-77

MAT 3246

$^{32}\text{Ge-77}$

Radionuclide Production Cross Section

$(\gamma, \gamma)$



13

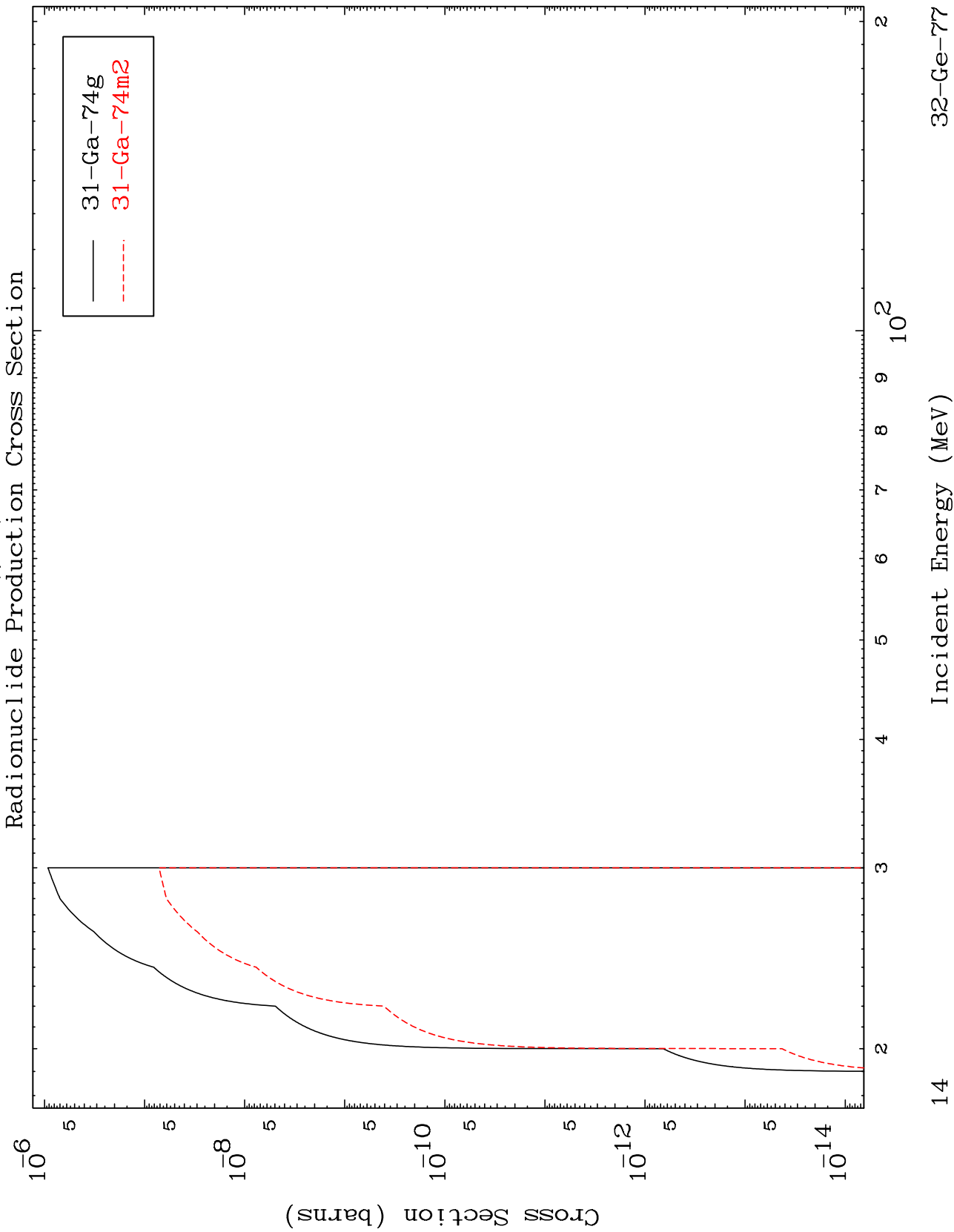
Incident Energy (MeV)

$^{32}\text{Ge-77}$

MAT 3246

( $\gamma, t$ )

$^{32}\text{Ge-77}$



14

Incident Energy (MeV)

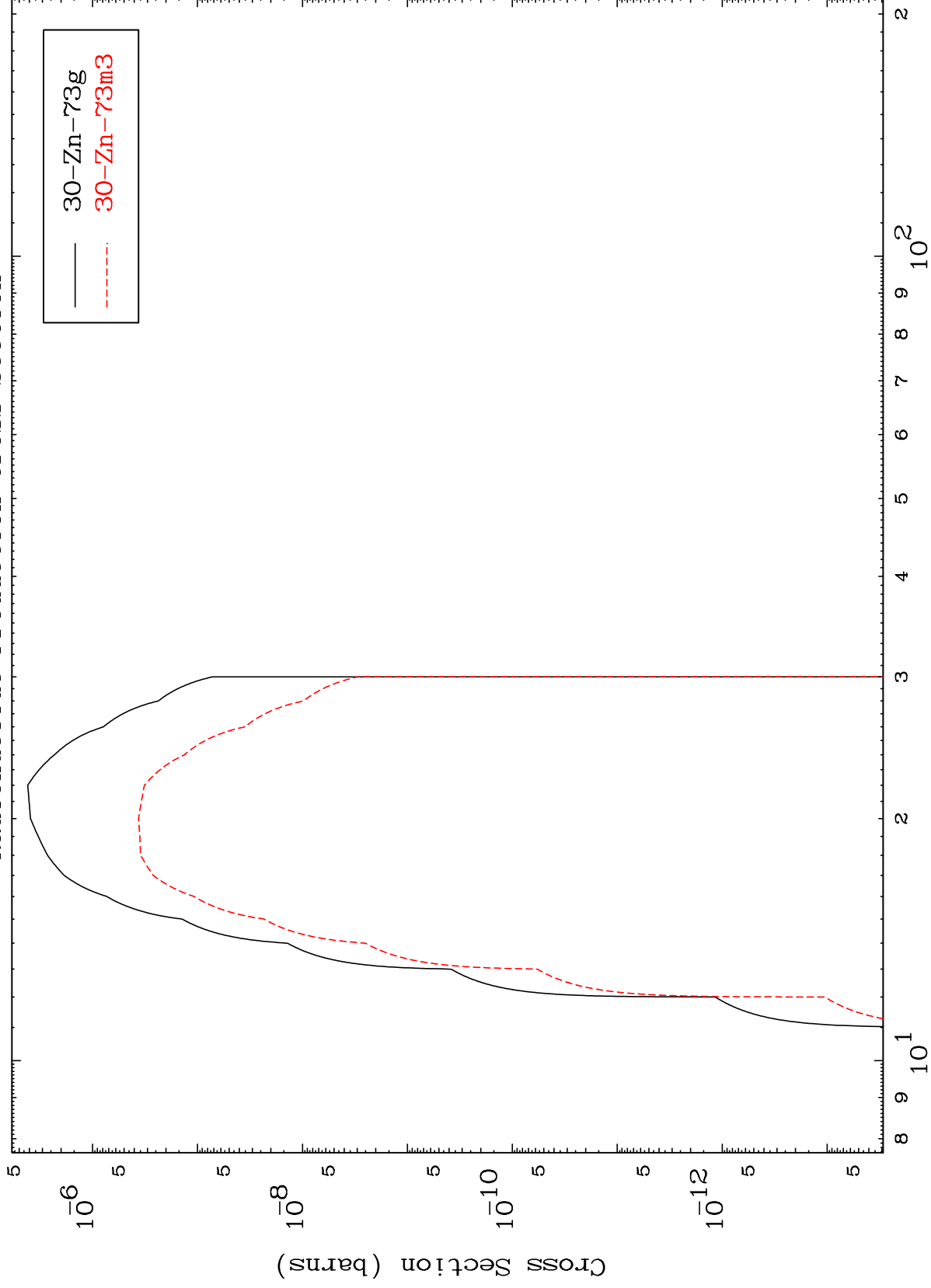
$^{32}\text{Ge-77}$

MAT 3246

( $\gamma, \alpha$ )

32-Ge-77

Radionuclide Production Cross Section



15

Incident Energy (MeV)

32-Ge-77