

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

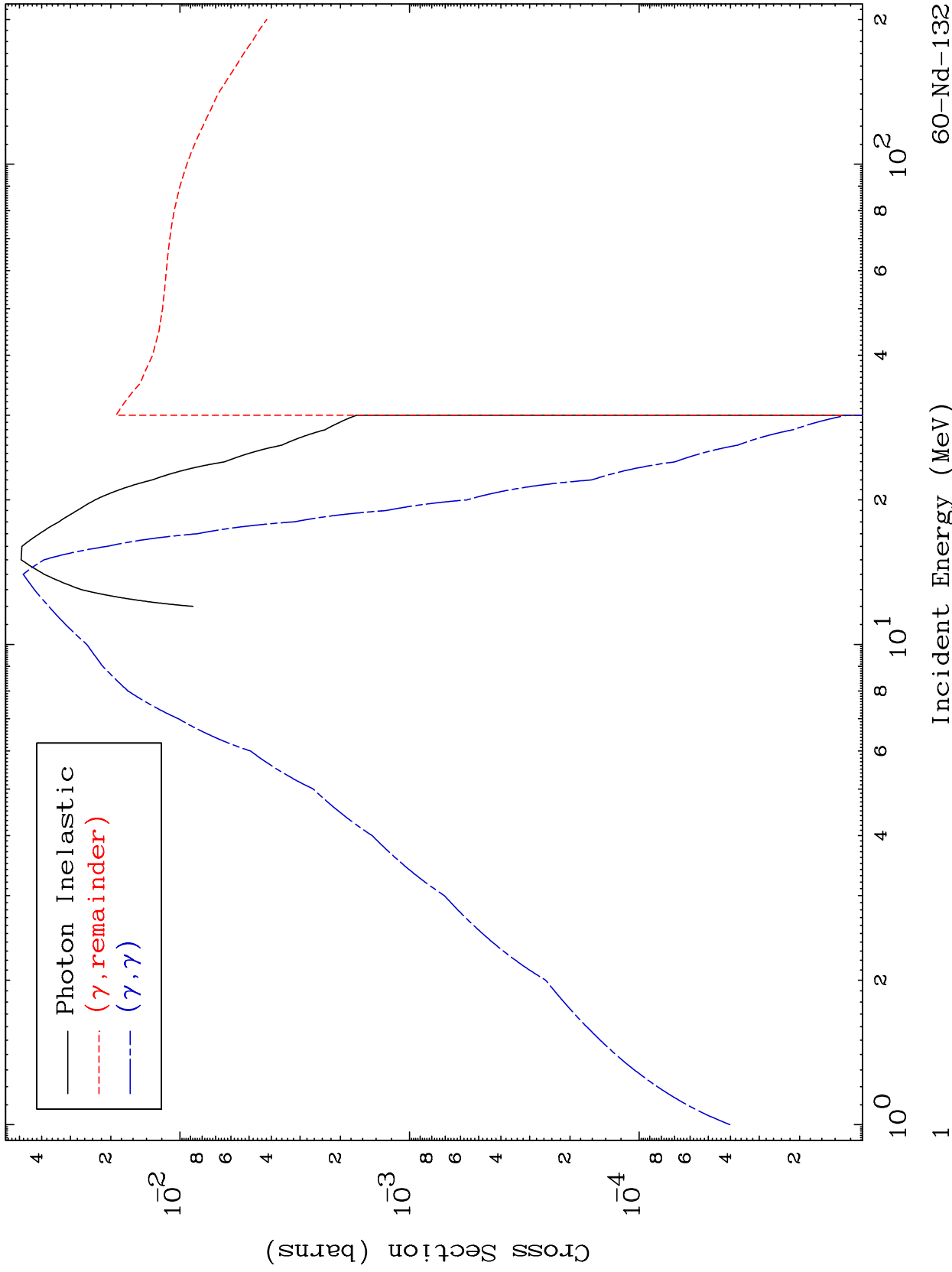
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5995

Photon Major  
0 Kelvin Cross Sections

60-Nd-132

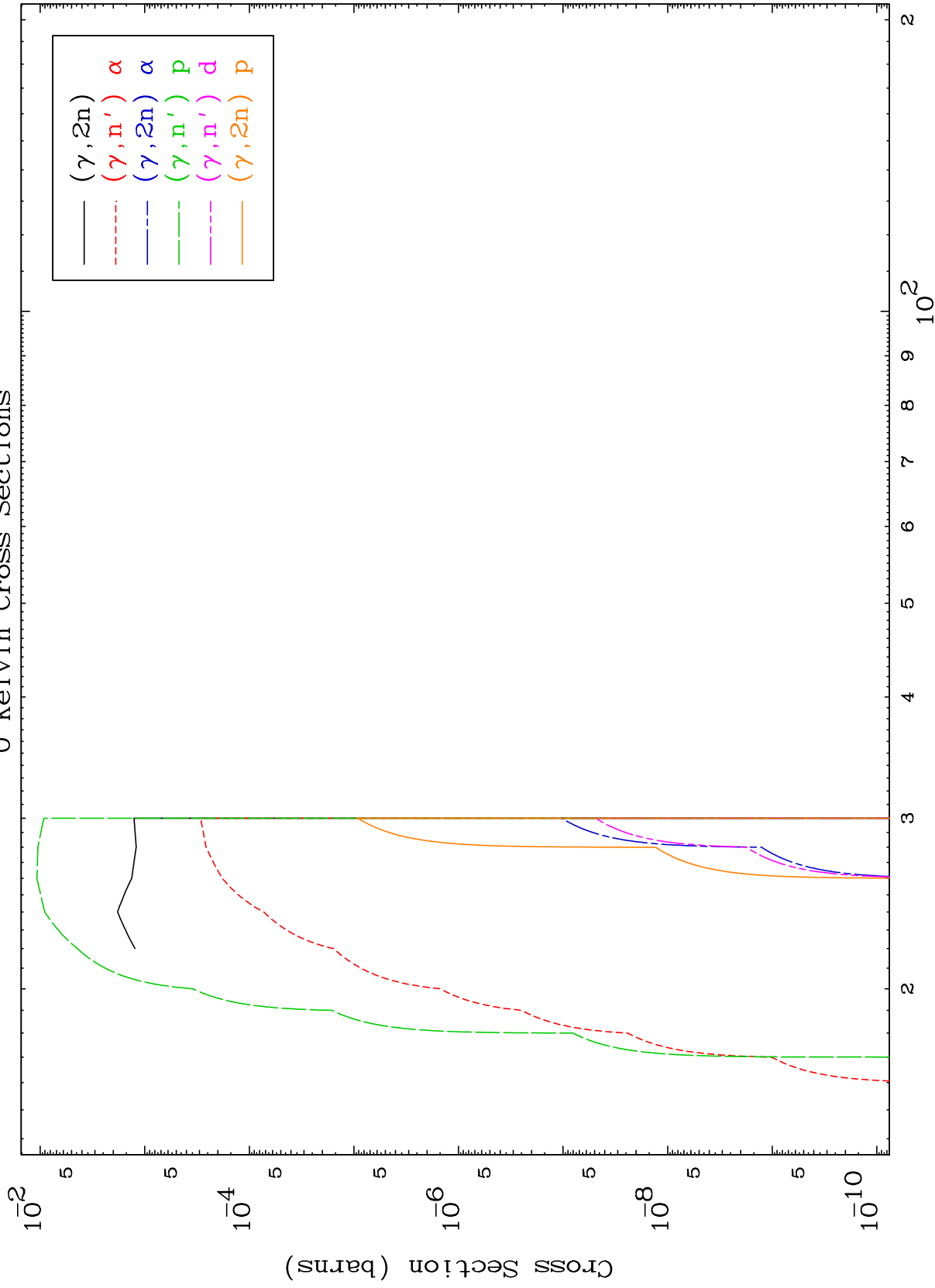


60-Nd-132

MAT 5995

Photon Neutron Production  
0 Kelvin Cross Sections

60-Nd-132



2

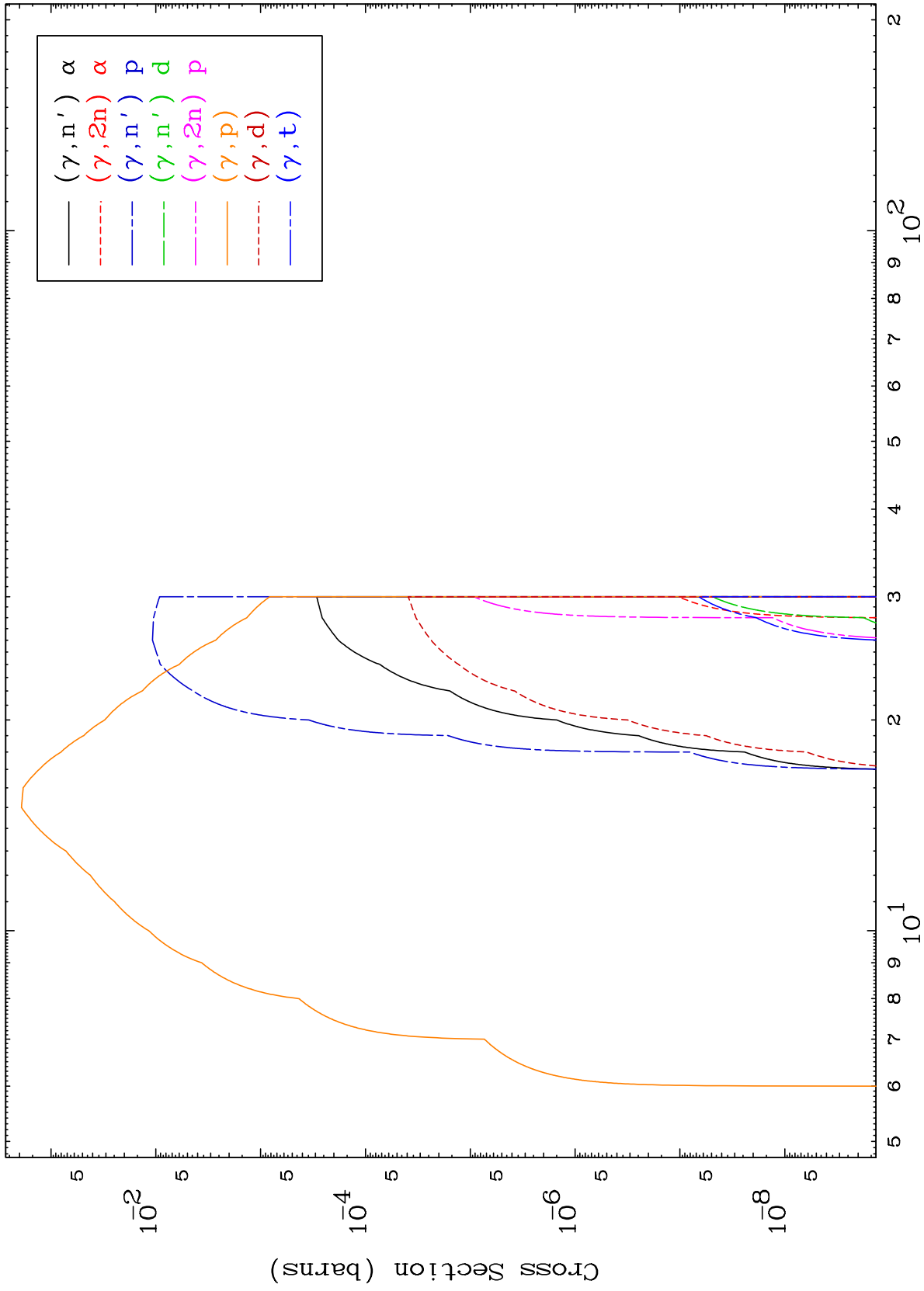
Incident Energy (MeV)

60-Nd-132

MAT 5995

Photon Charged Particle  
0 Kelvin Cross Sections

60-Nd-132



3

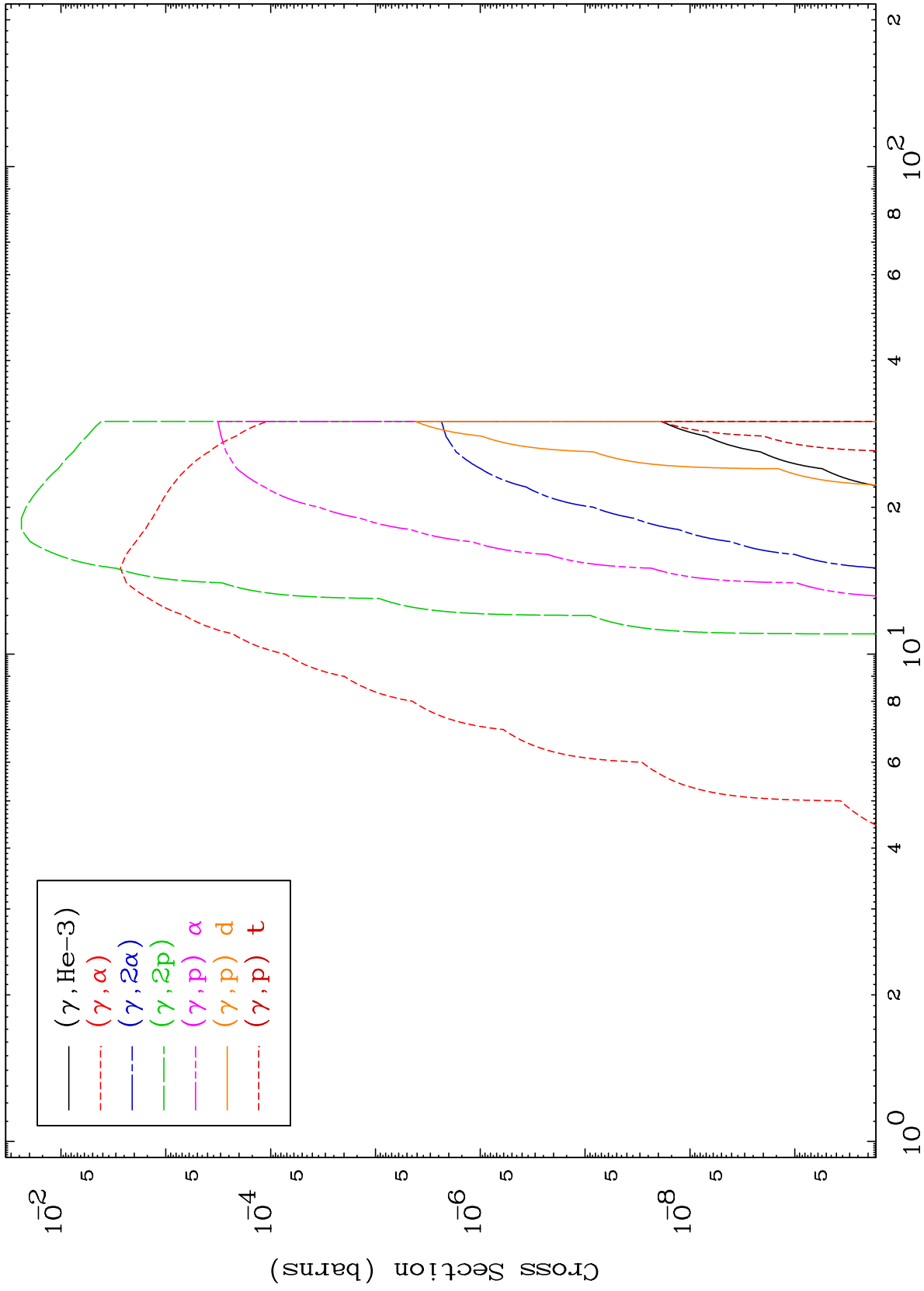
Incident Energy (MeV)

60-Nd-132

MAT 5995

Photon Charged Particle  
0 Kelvin Cross Sections

60-Nd-132



4

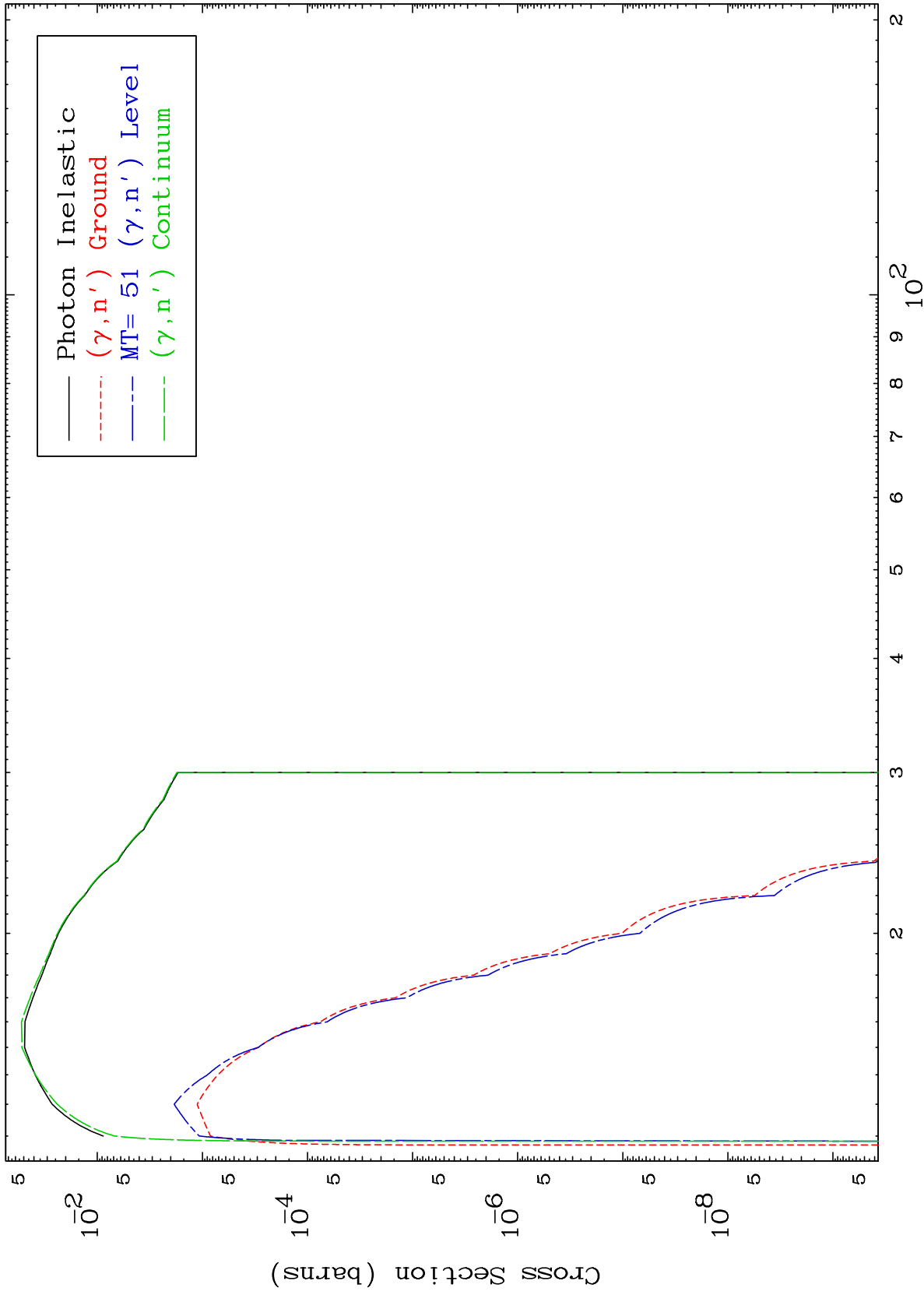
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

60-Nd-132



5

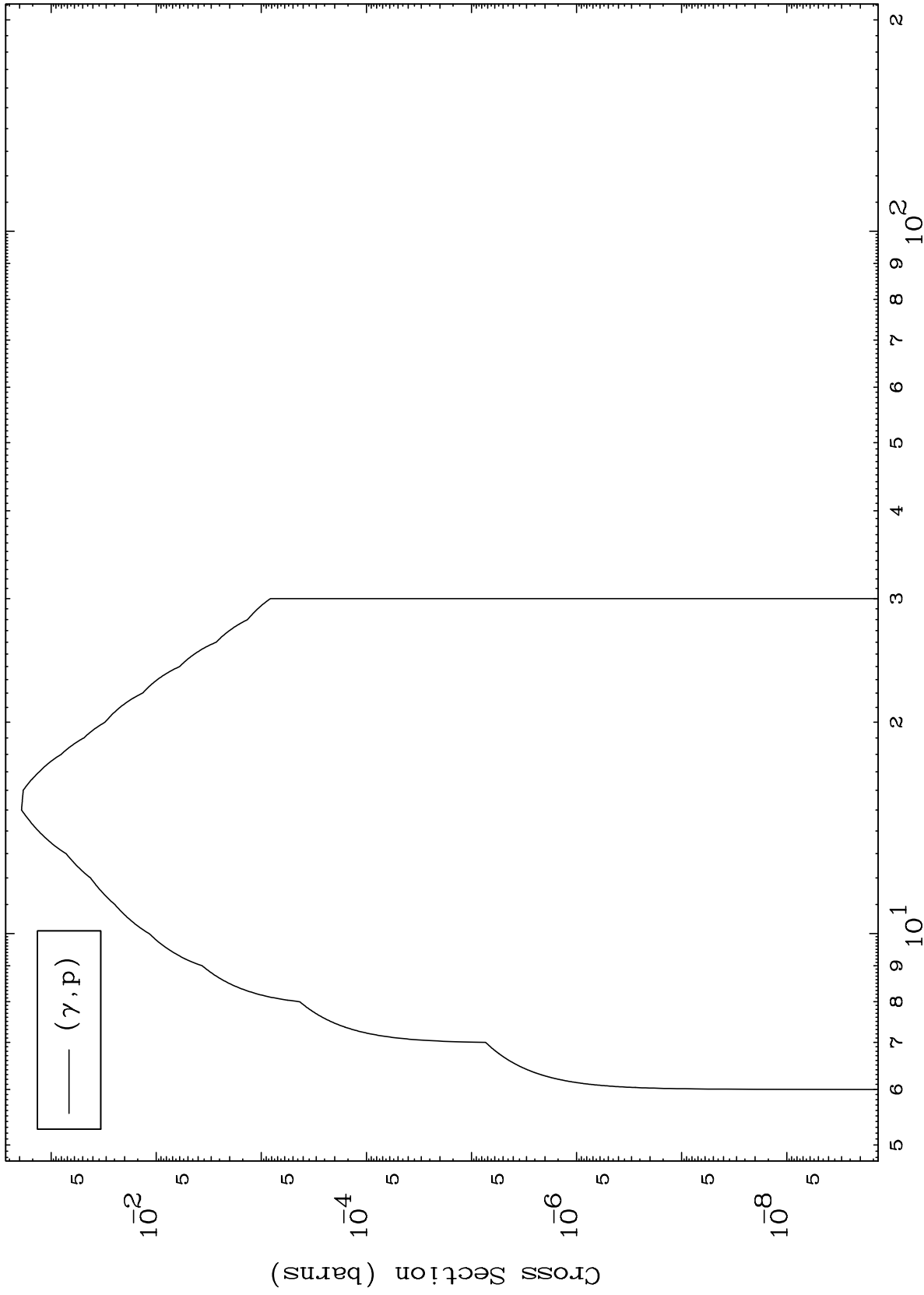
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

60-Nd-132



6

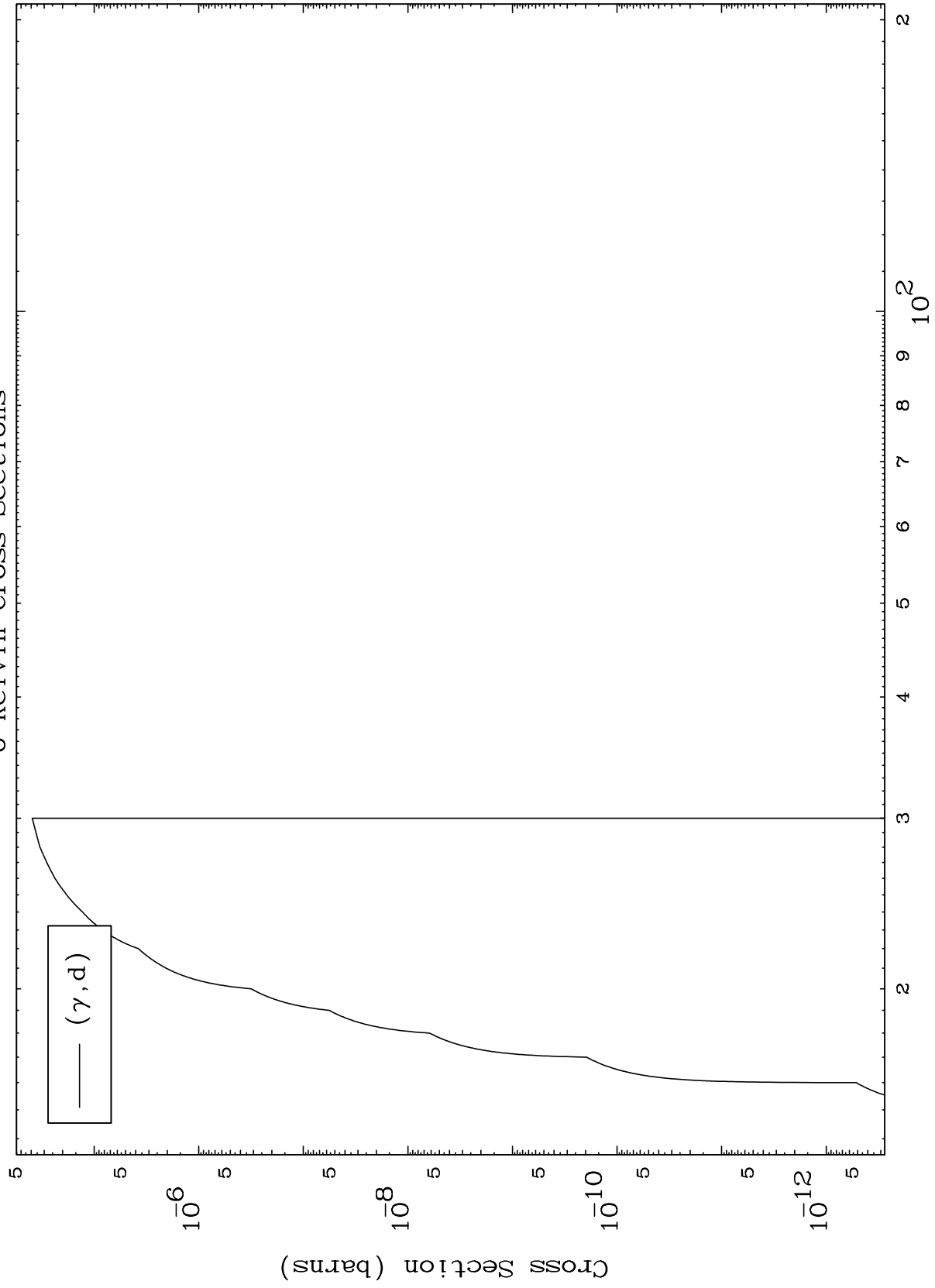
Incident Energy (MeV)

60-Nd-132

MAT 5995

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

60-Nd-132



7

Incident Energy (MeV)

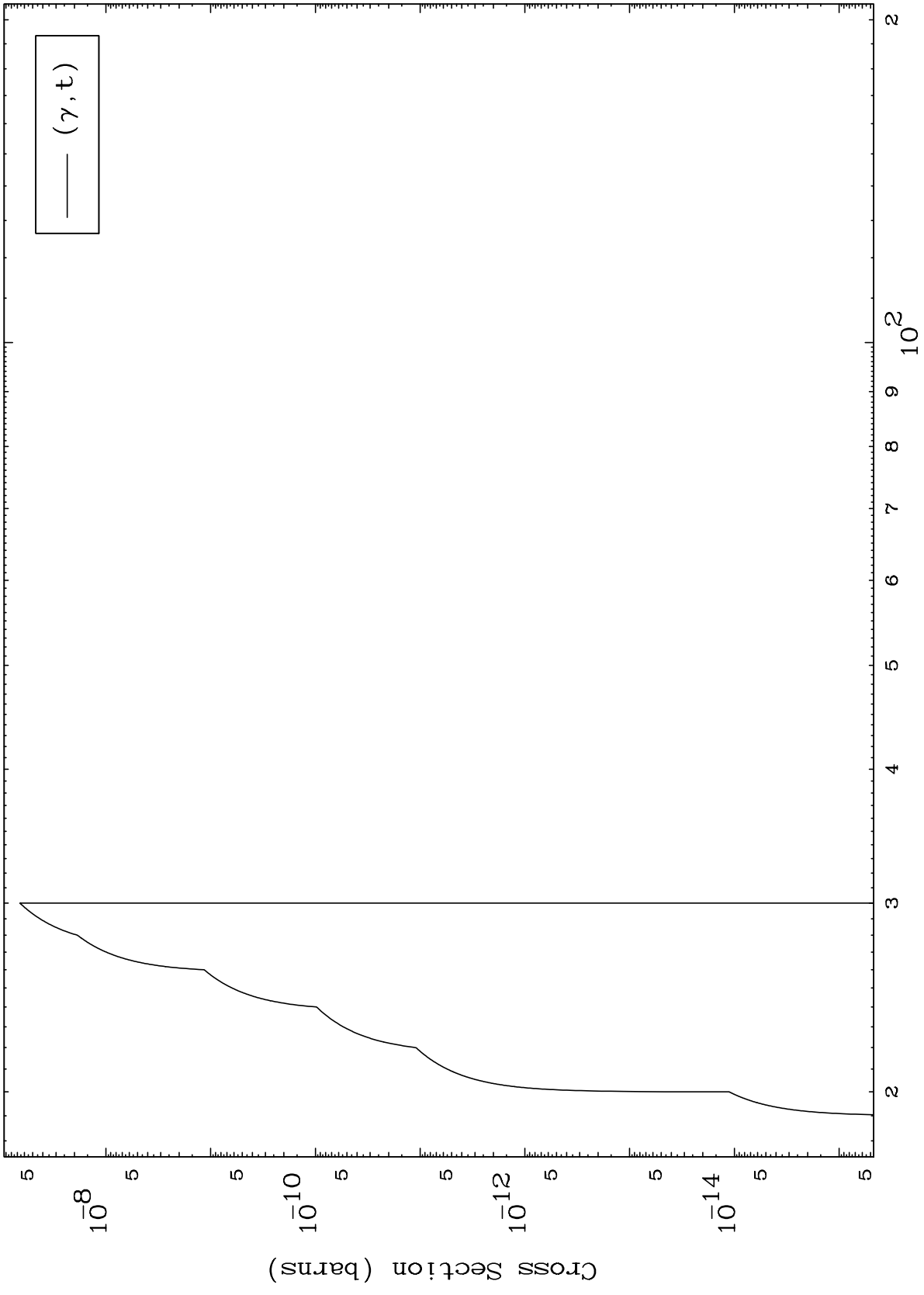
60-Nd-132



MAT 5995

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

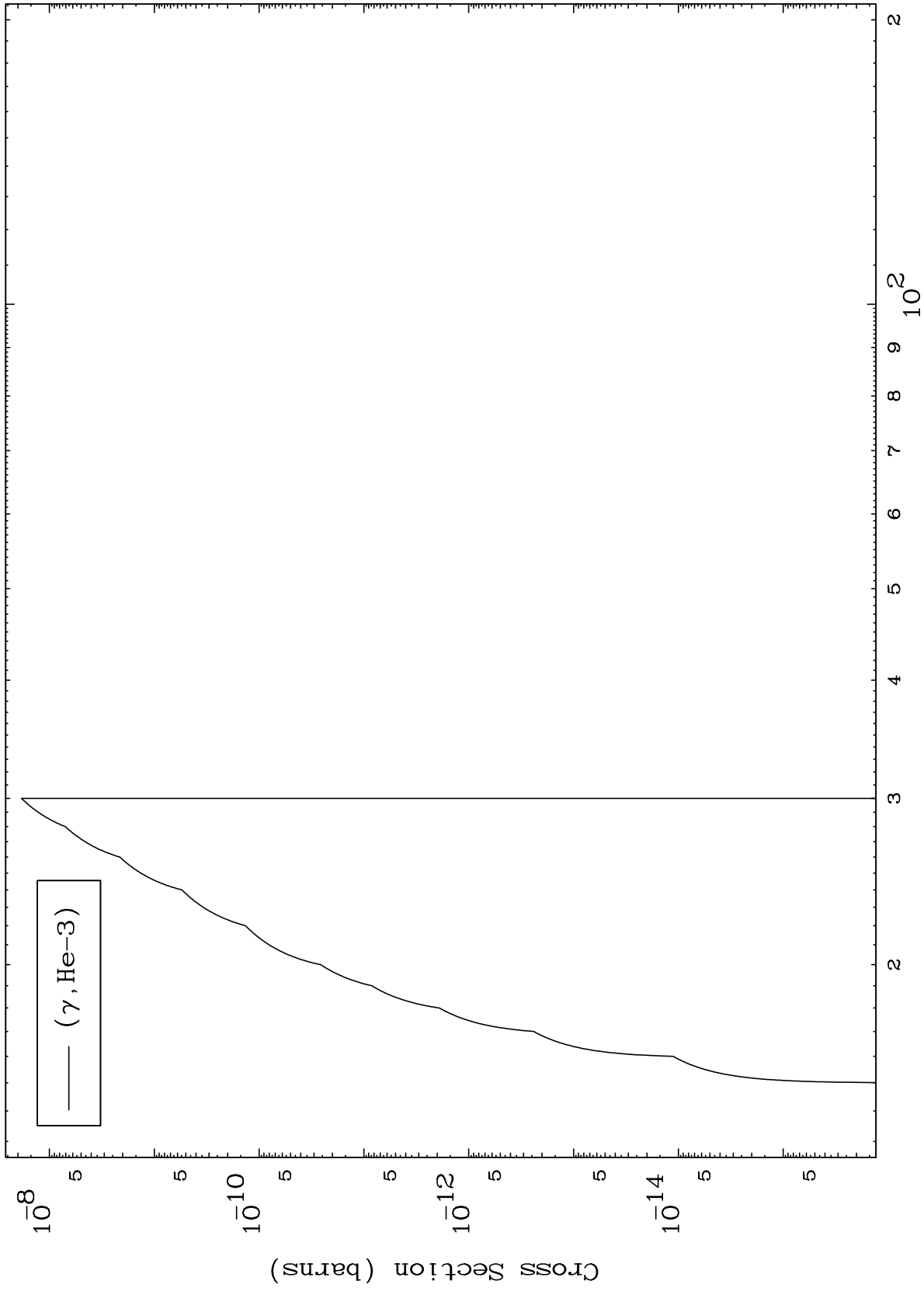
60-Nd-132



8

Incident Energy (MeV)

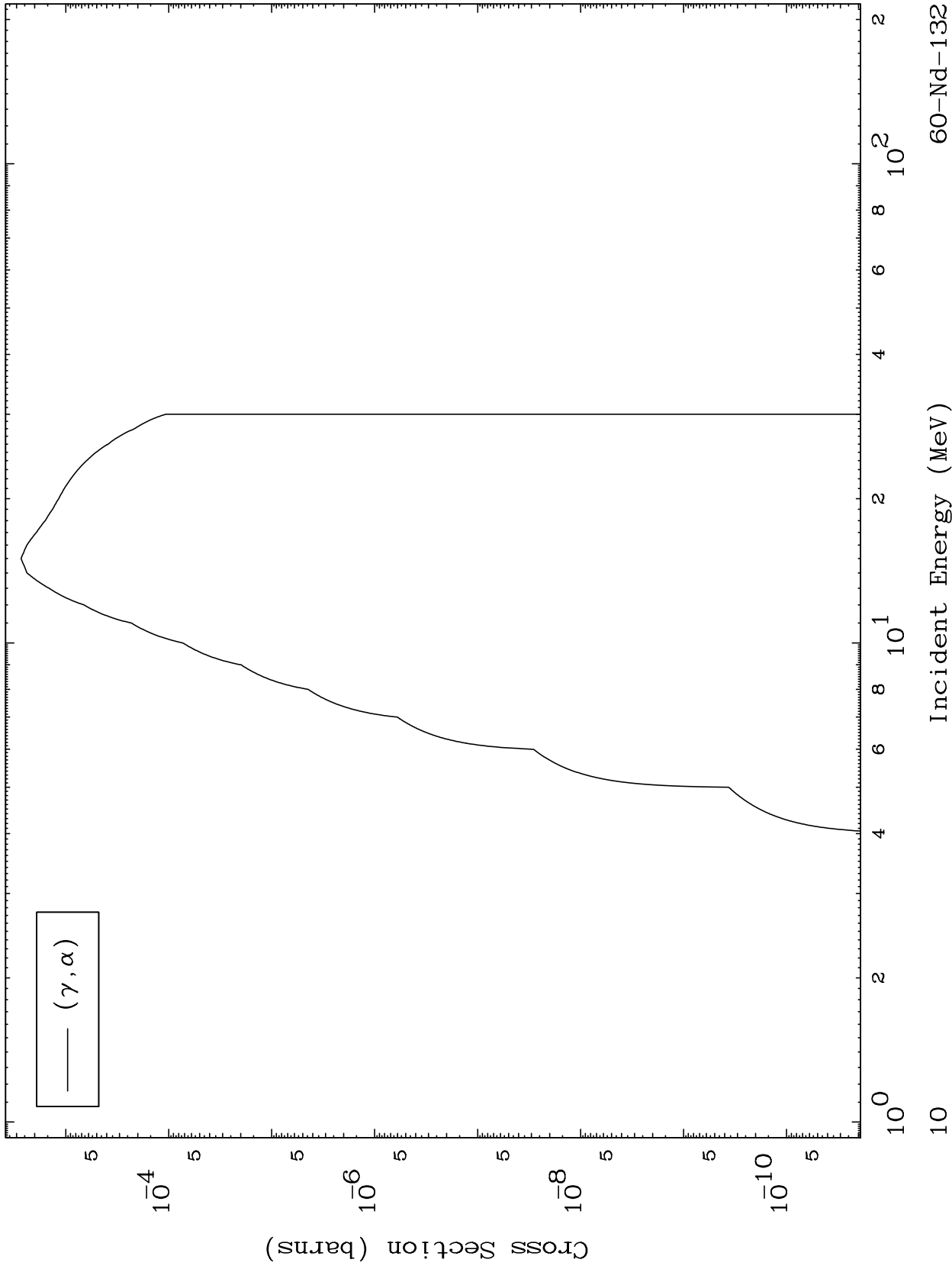
60-Nd-132



MAT 5995

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

60-Nd-132



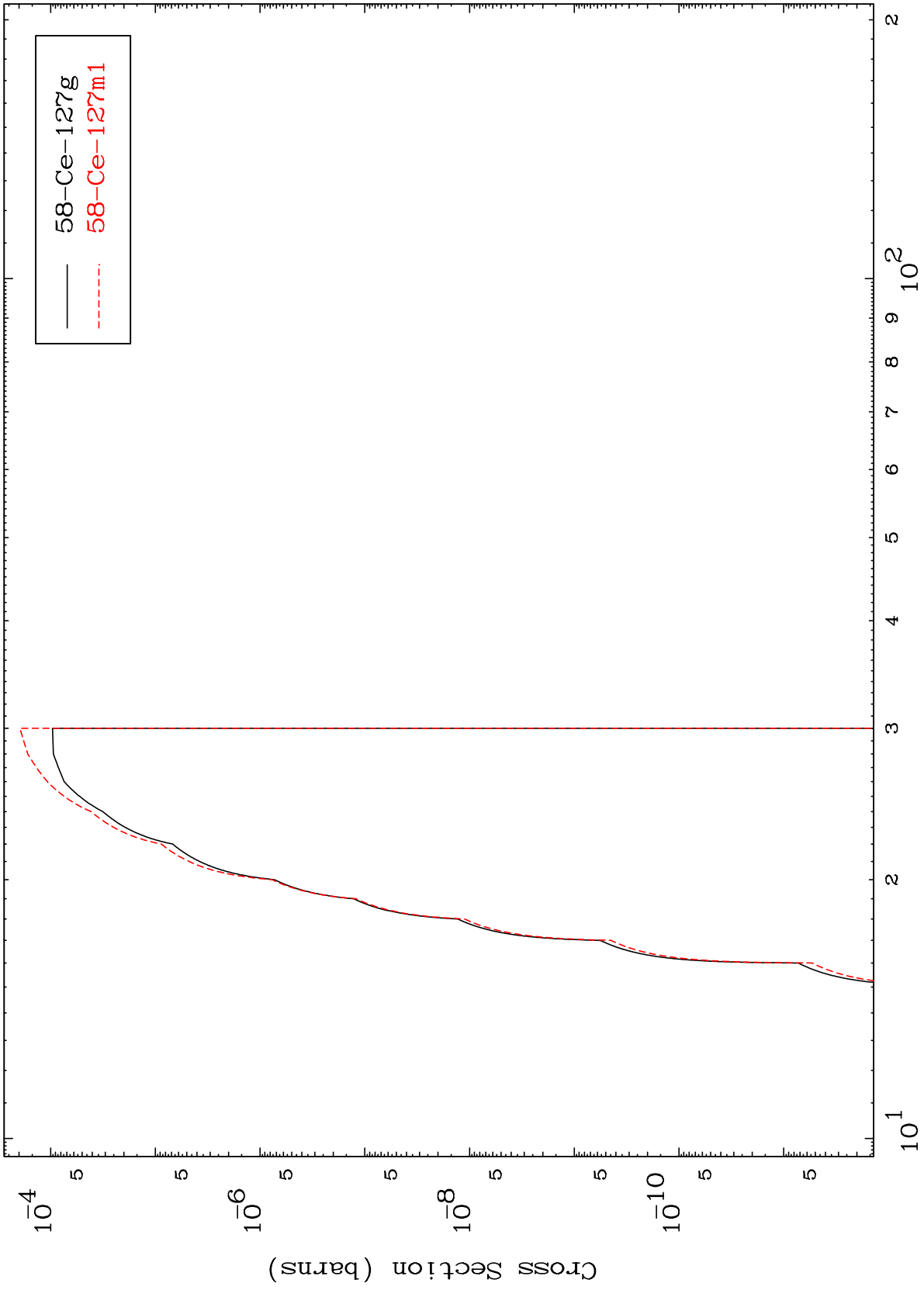
60-Nd-132

MAT 5995

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

$^{60}\text{Nd}-132$

Radionuclide Production Cross Section



11

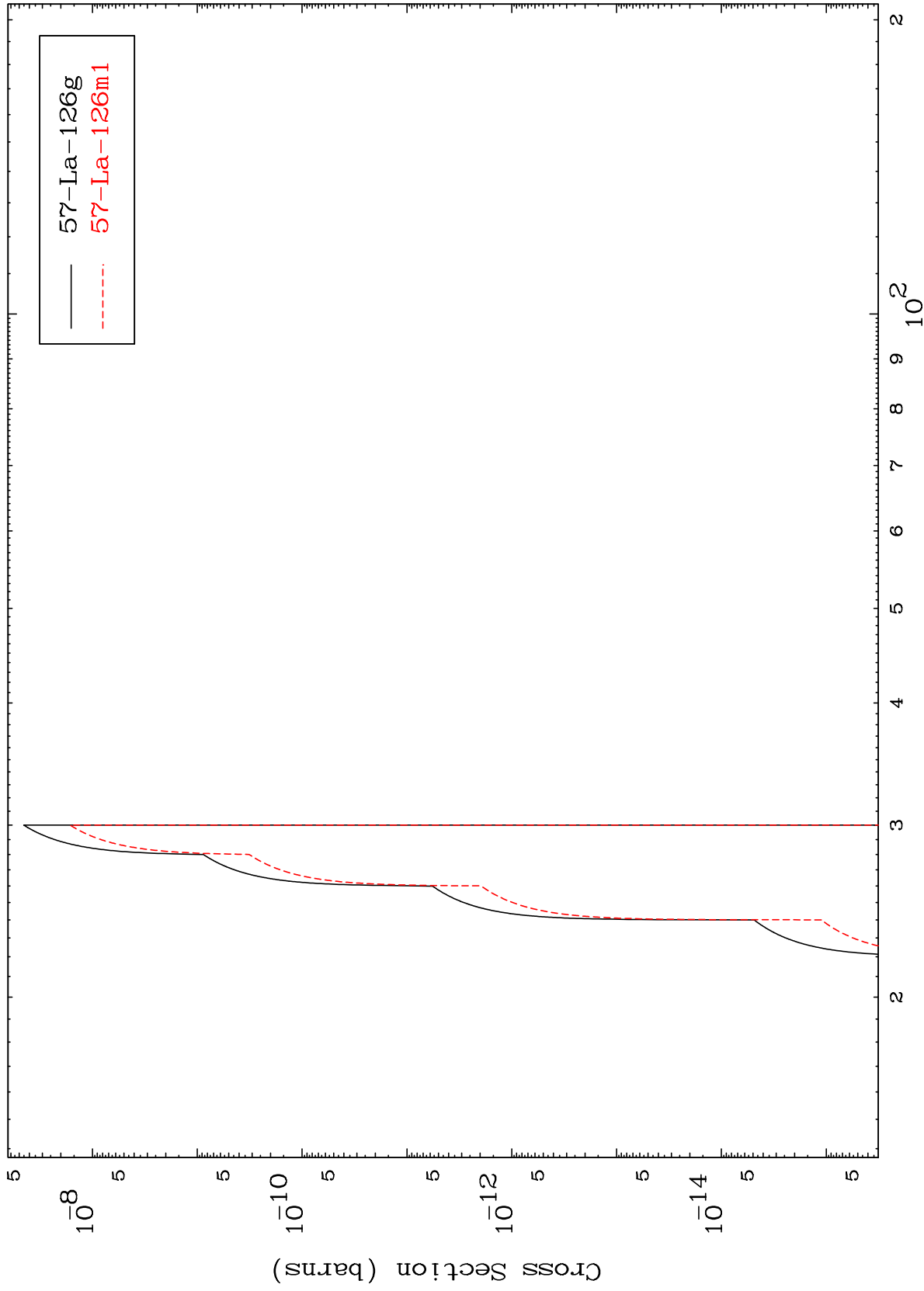
Incident Energy (MeV)

$^{60}\text{Nd}-132$

MAT 5995

$^{60}\text{Nd}-132$

$(\gamma, n')$  p  $\alpha$   
Radionuclide Production Cross Section



12

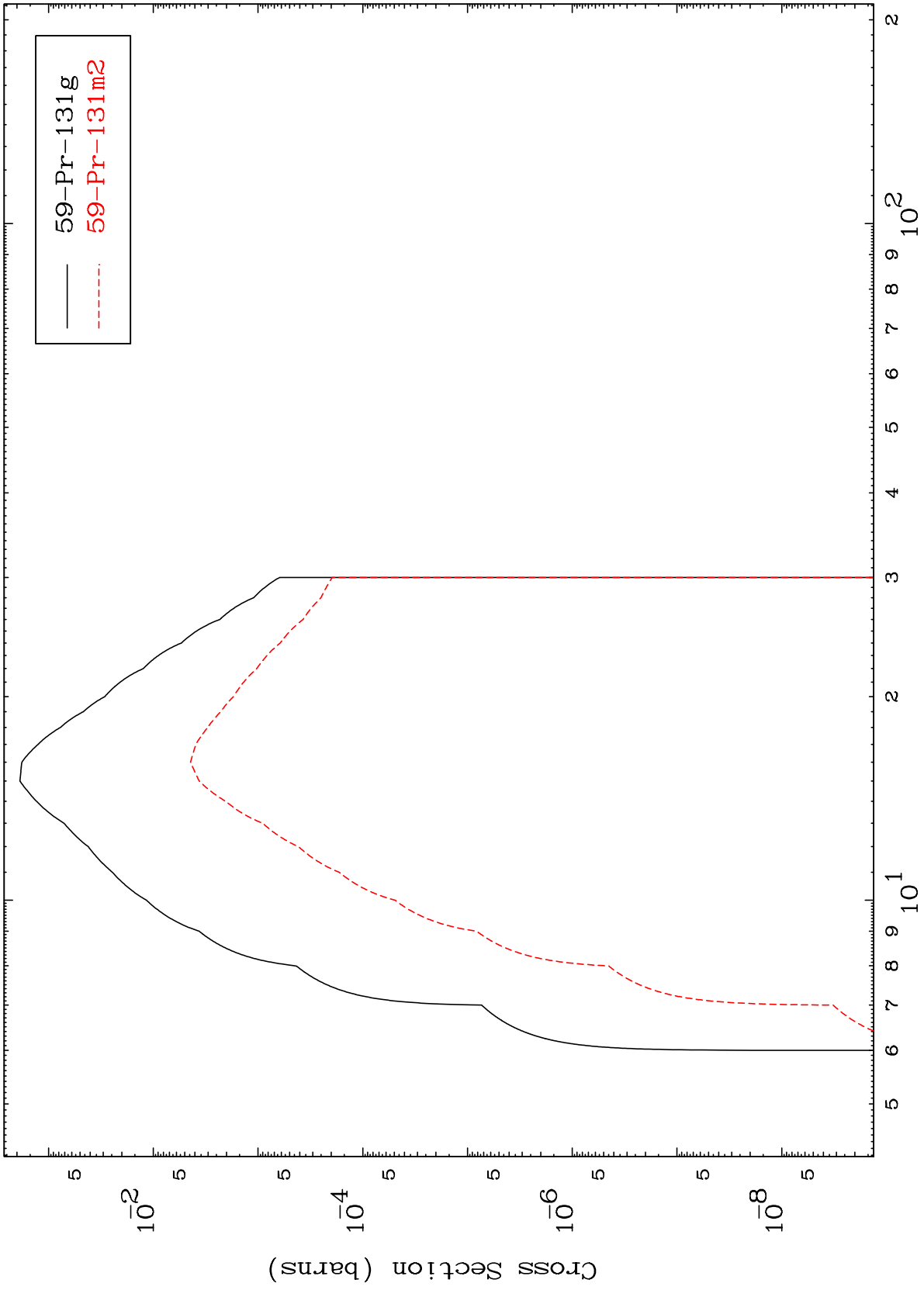
$^{60}\text{Nd}-132$

Incident Energy (MeV)

MAT 5995

60-Nd-132

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



13

Incident Energy (MeV)

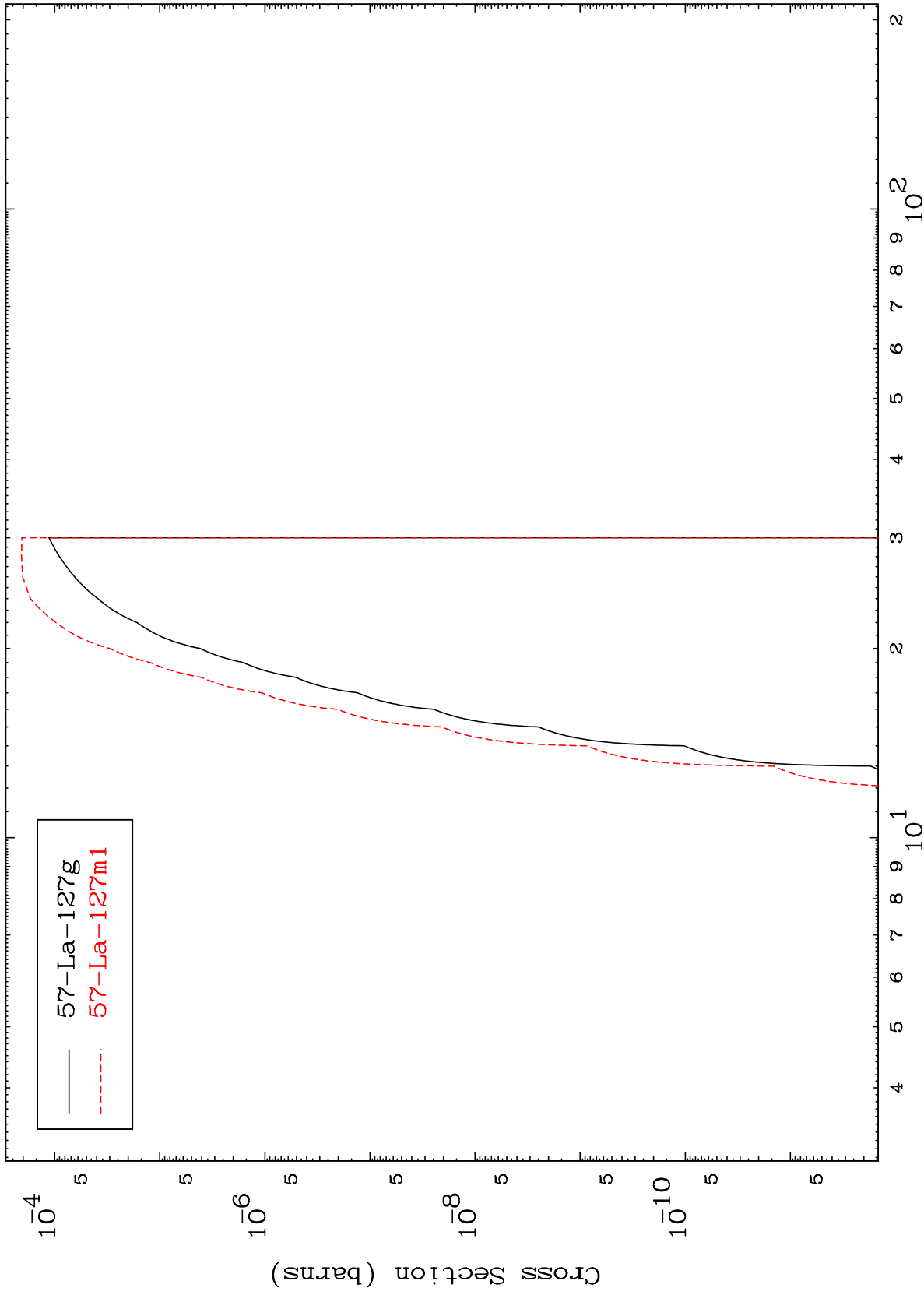
60-Nd-132

MAT 5995

( $\gamma, p$ )  $\alpha$

60-Nd-132

Radionuclide Production Cross Section



57-La-127g  
57-La-127m1