

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

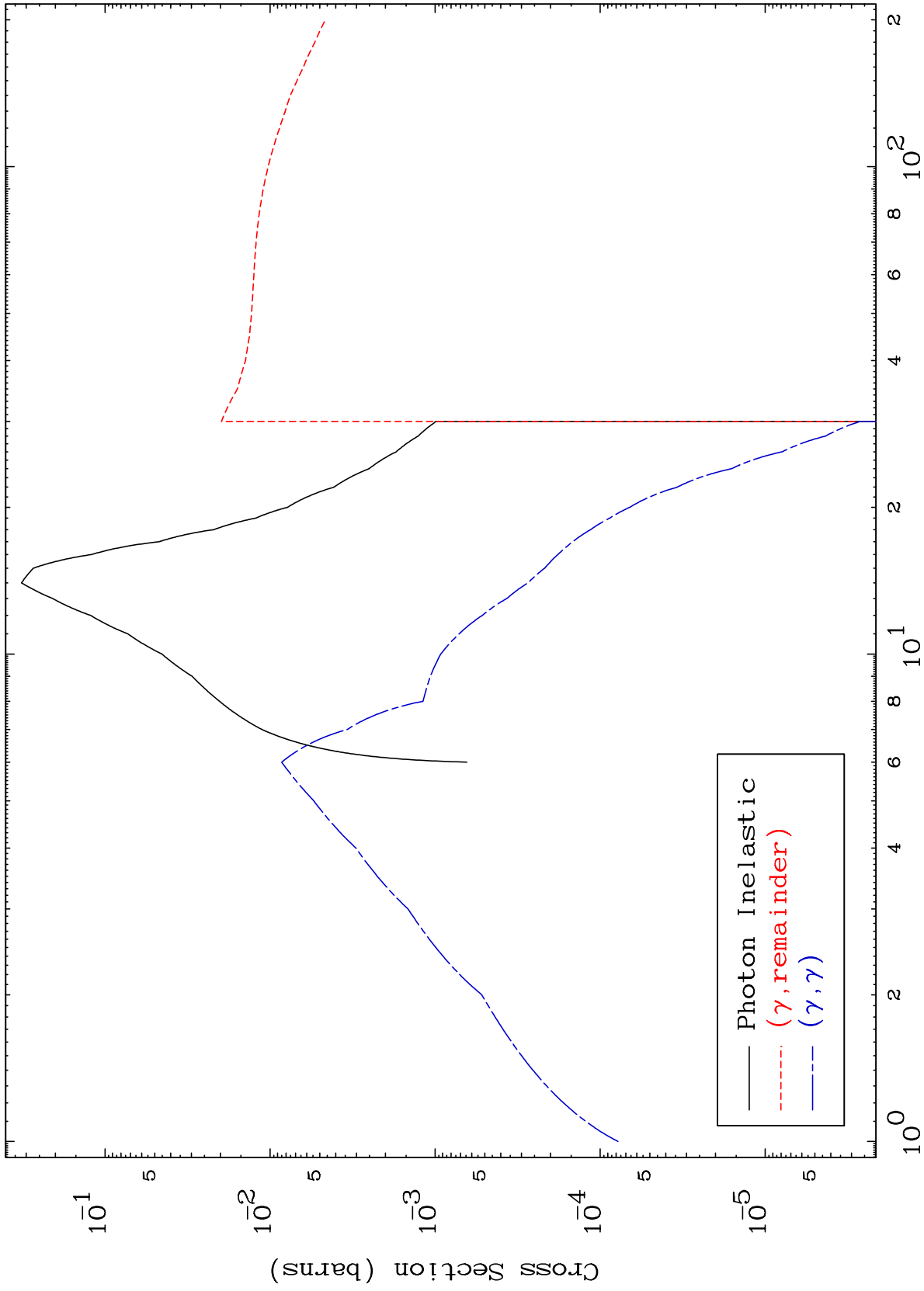
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

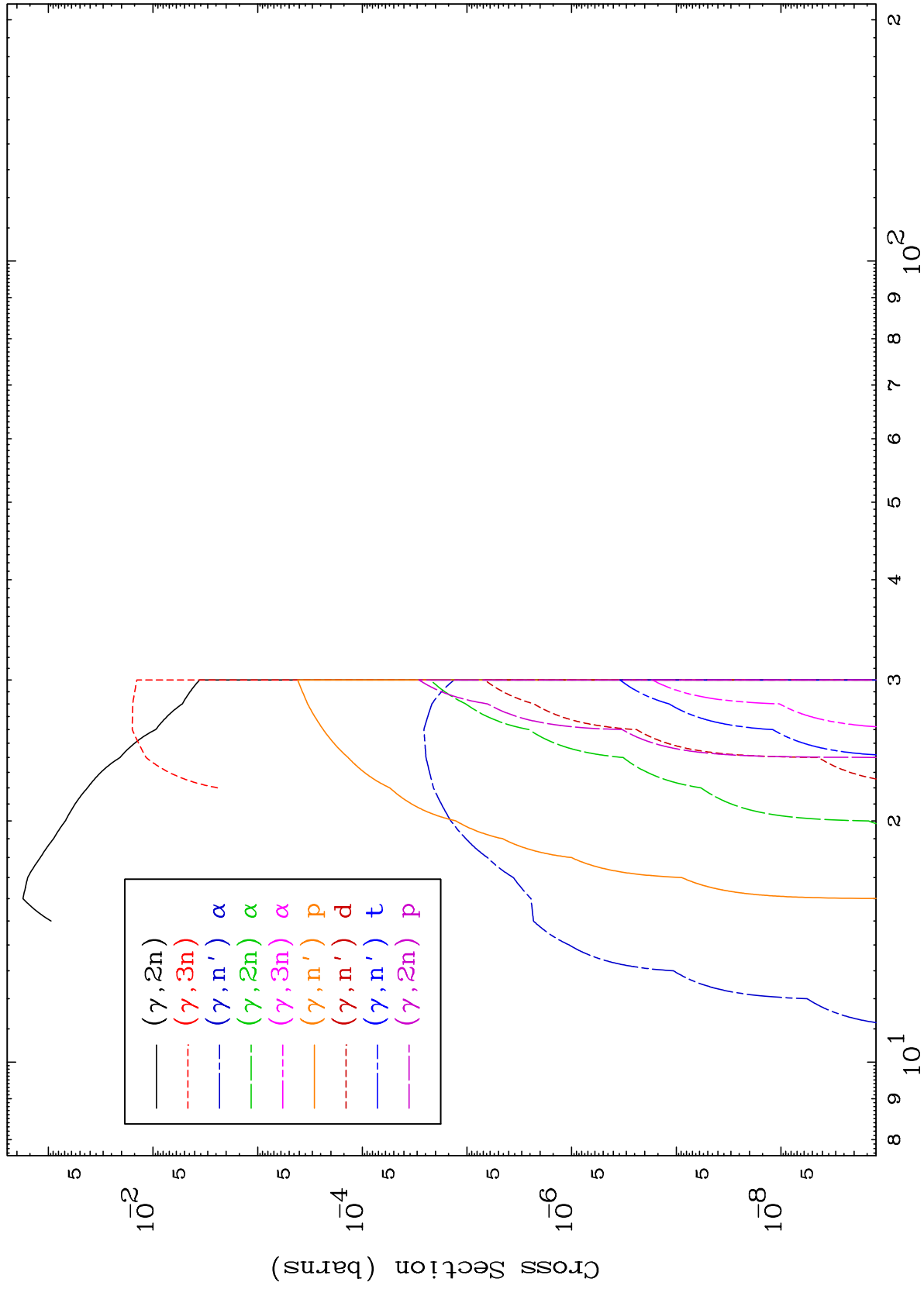
MAT 6240

Photon Major  
0 Kelvin Cross Sections

62-Sm-149



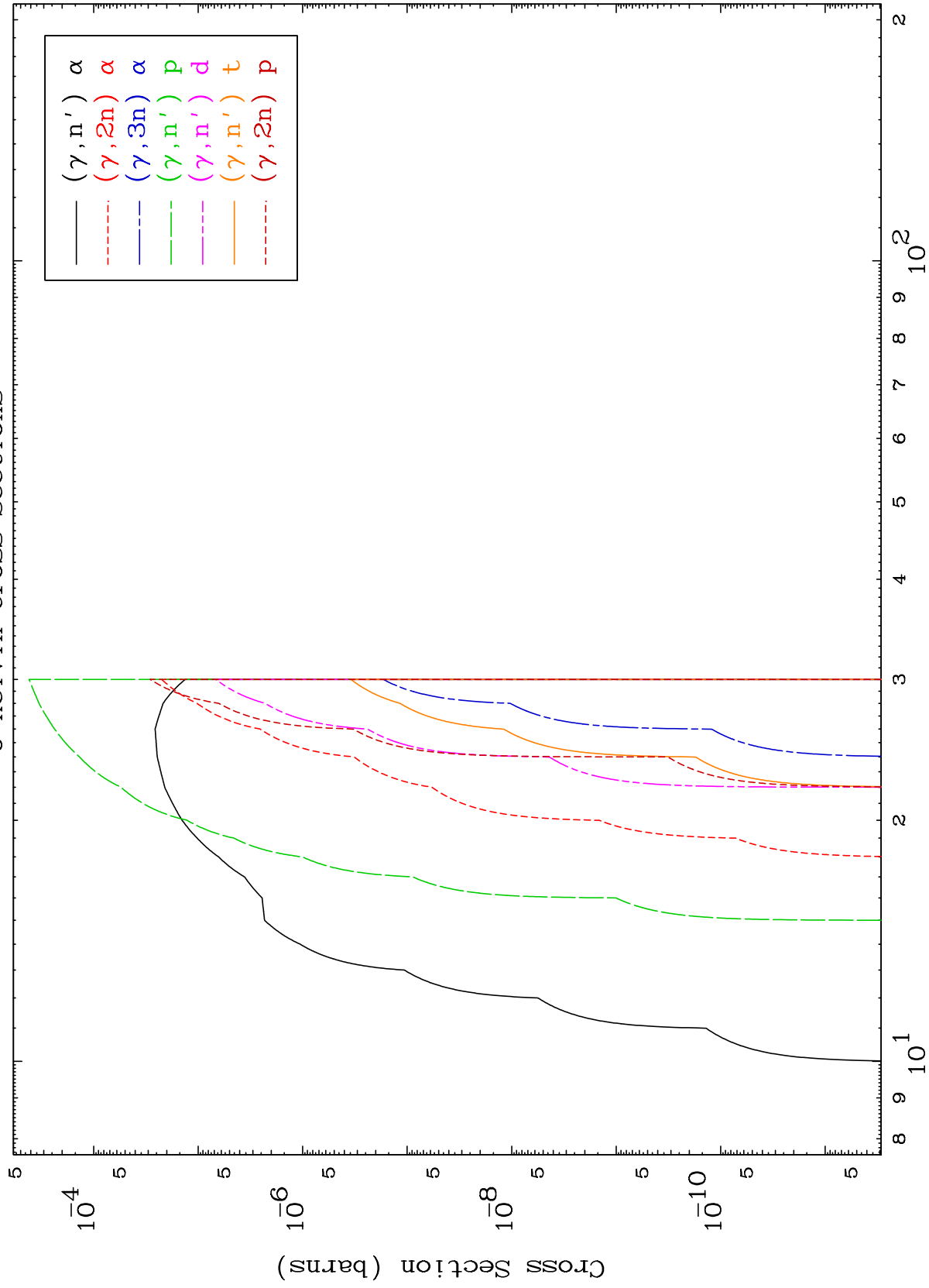
62-Sm-149



MAT 6240

Photon Charged Particle  
0 Kelvin Cross Sections

62-Sm-149



3

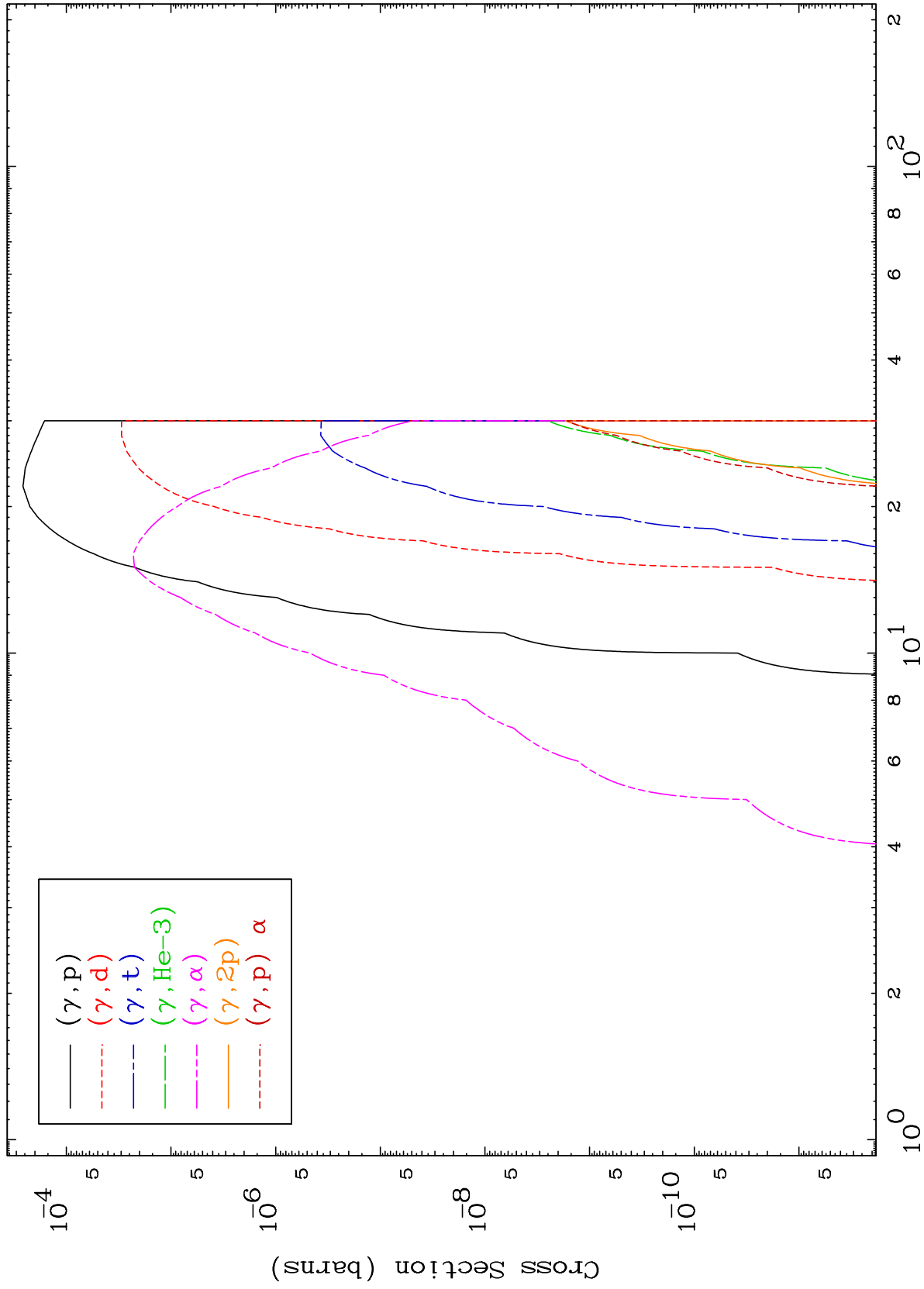
Incident Energy (MeV)

62-Sm-149

MAT 6240

Photon Charged Particle  
0 Kelvin Cross Sections

62-Sm-149



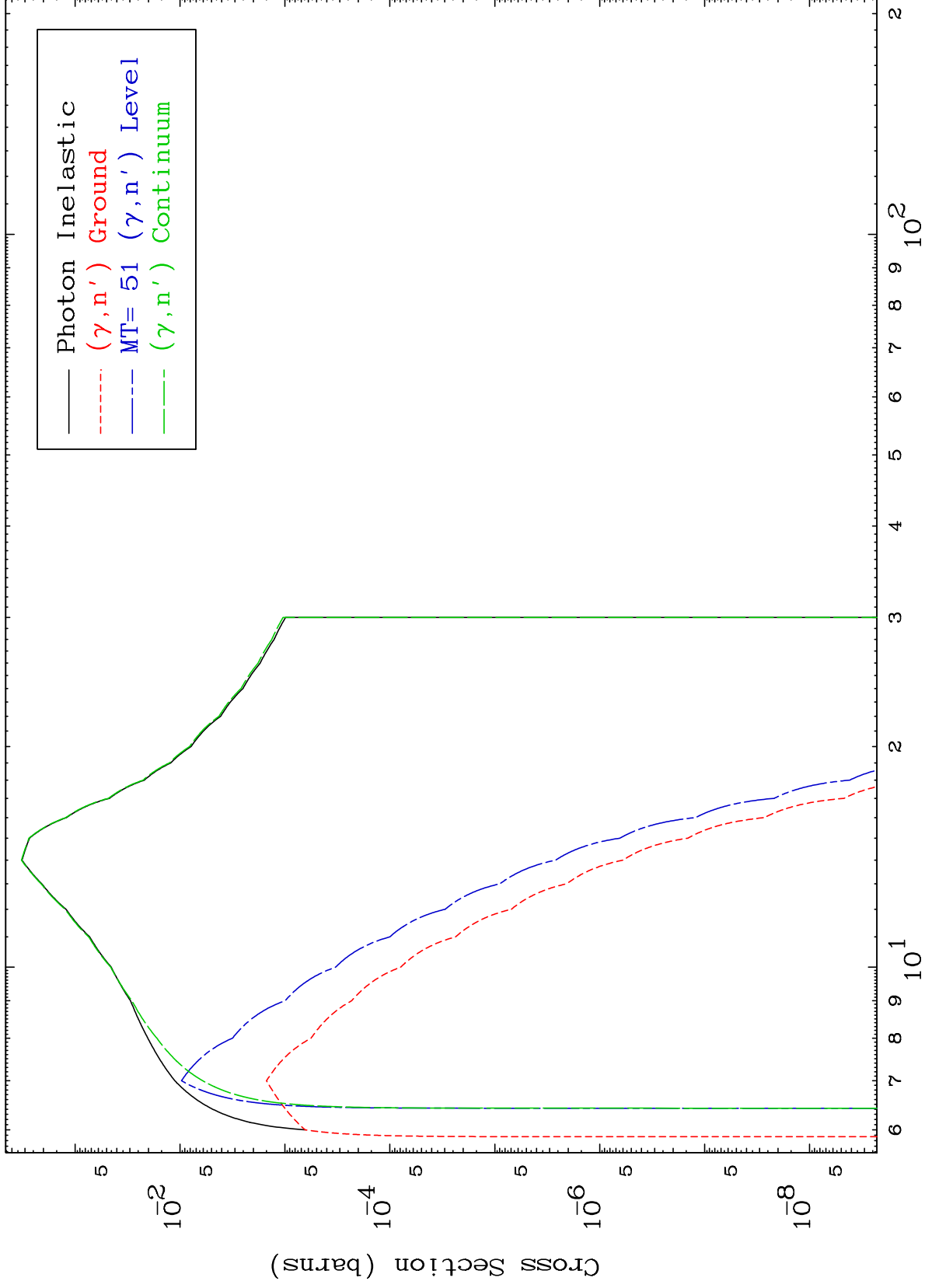
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



5

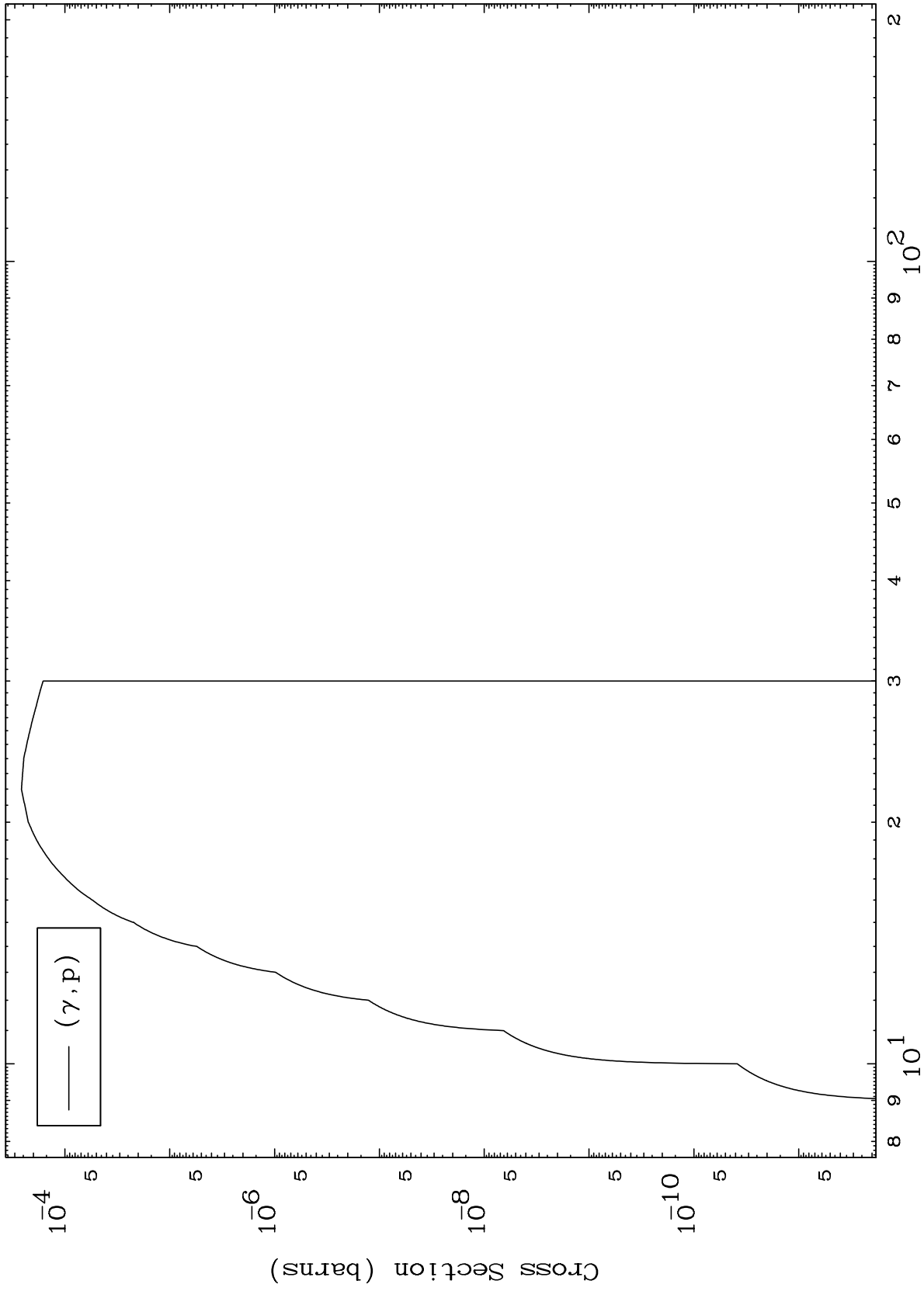
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



6

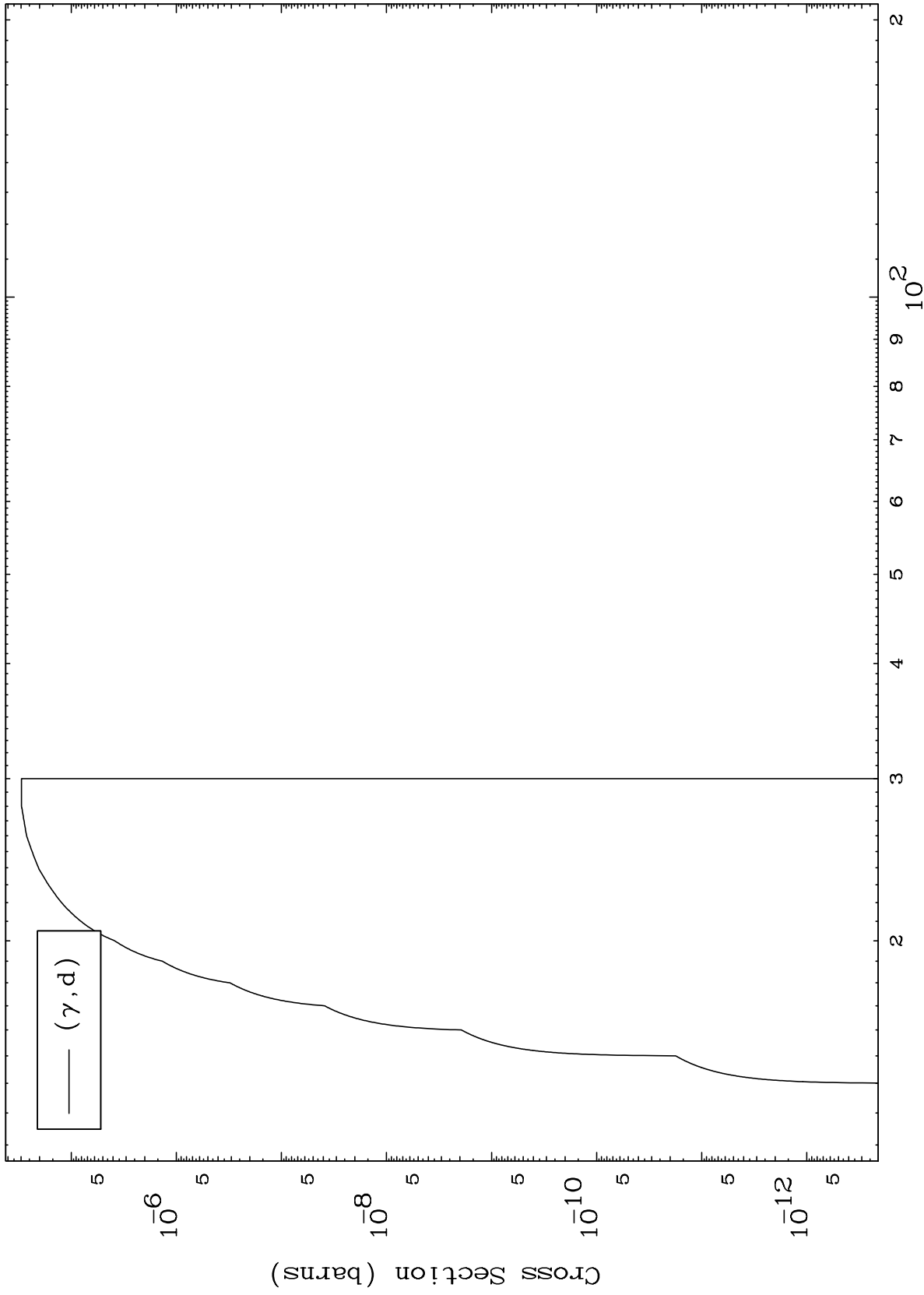
Incident Energy (MeV)

62-Sm-149

MAT 6240

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

62-Sm-149



7

Incident Energy (MeV)

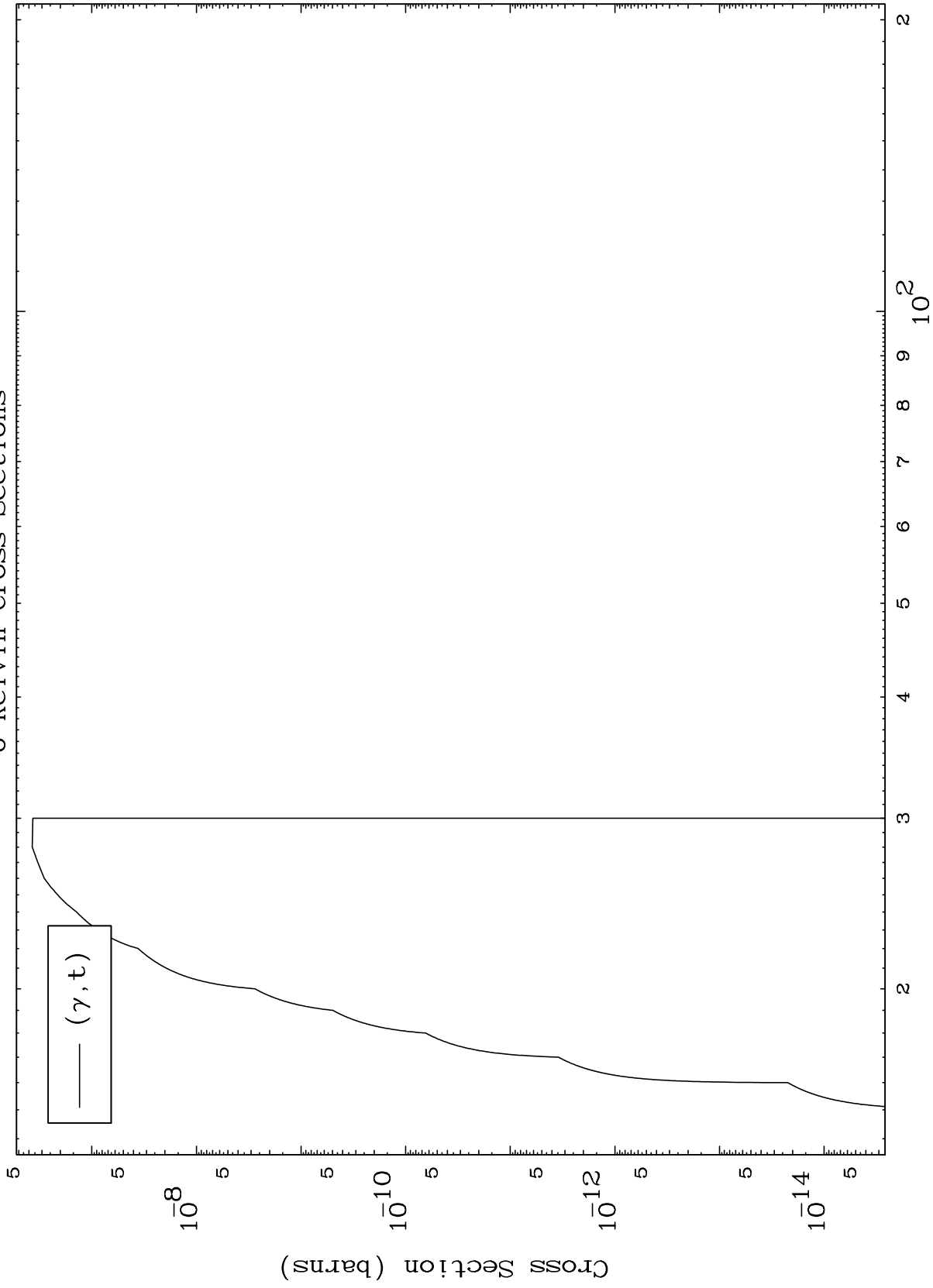
62-Sm-149



MAT 6240

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

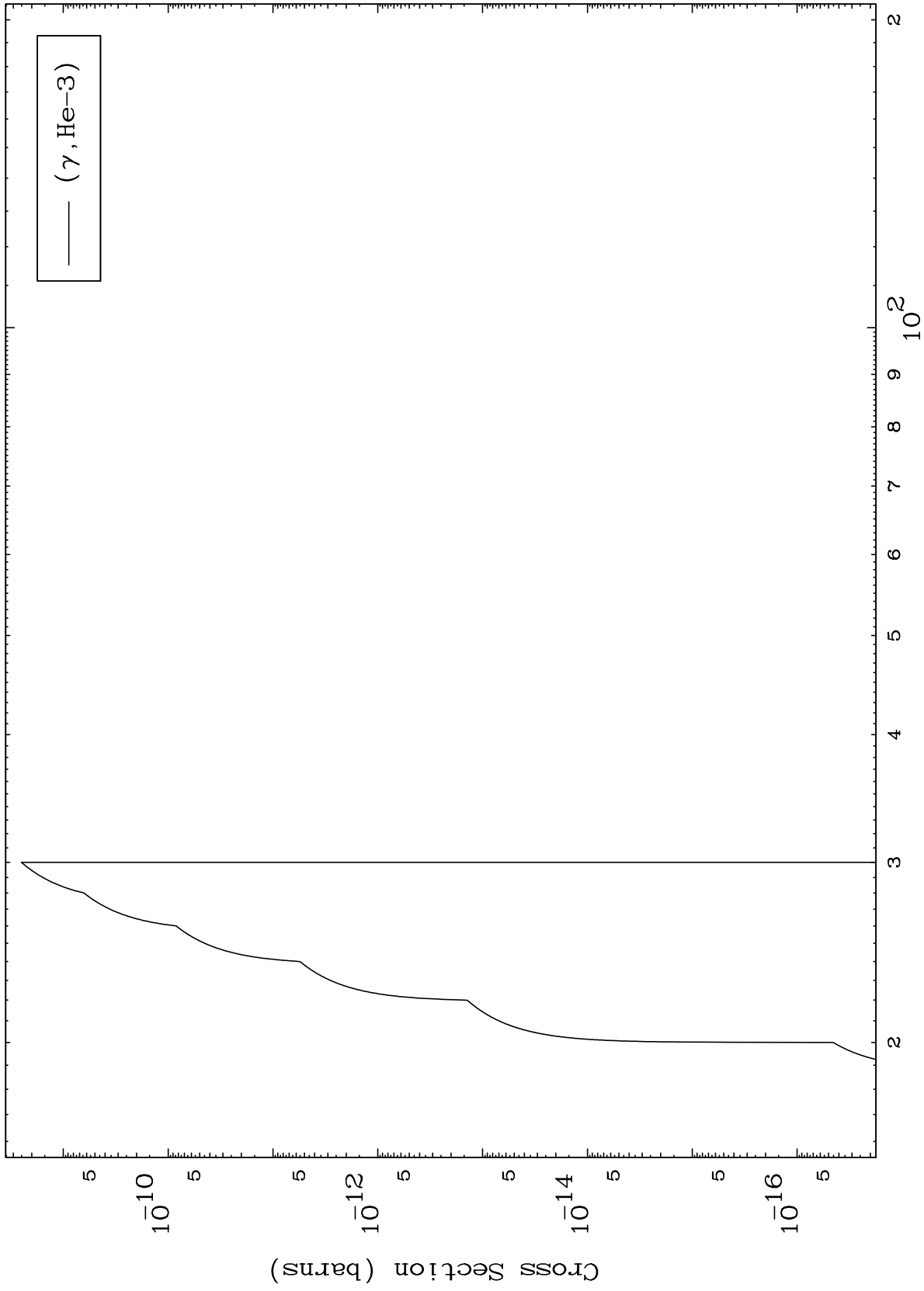
62-Sm-149



8

Incident Energy (MeV)

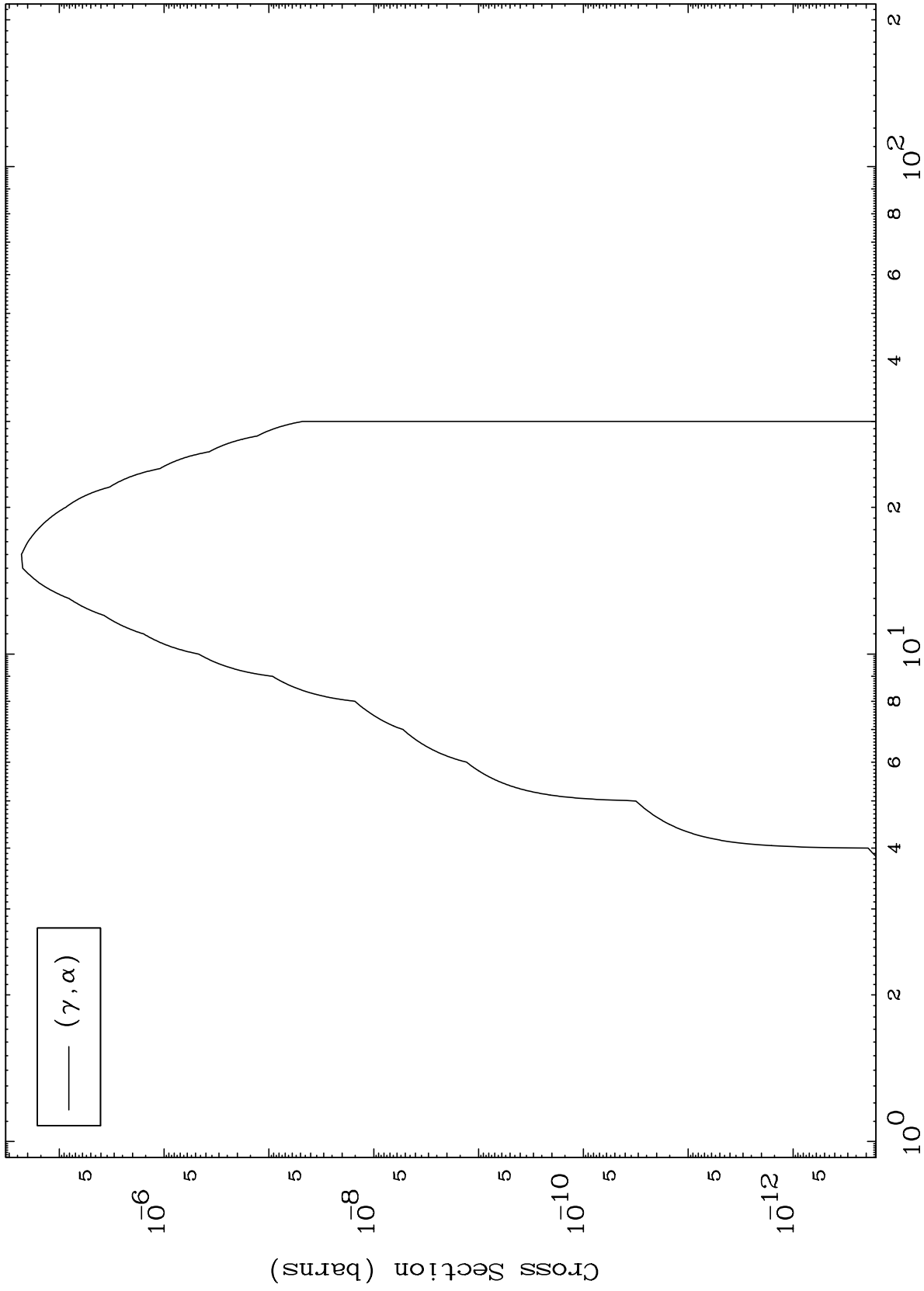
62-Sm-149



MAT 6240

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

62-Sm-149



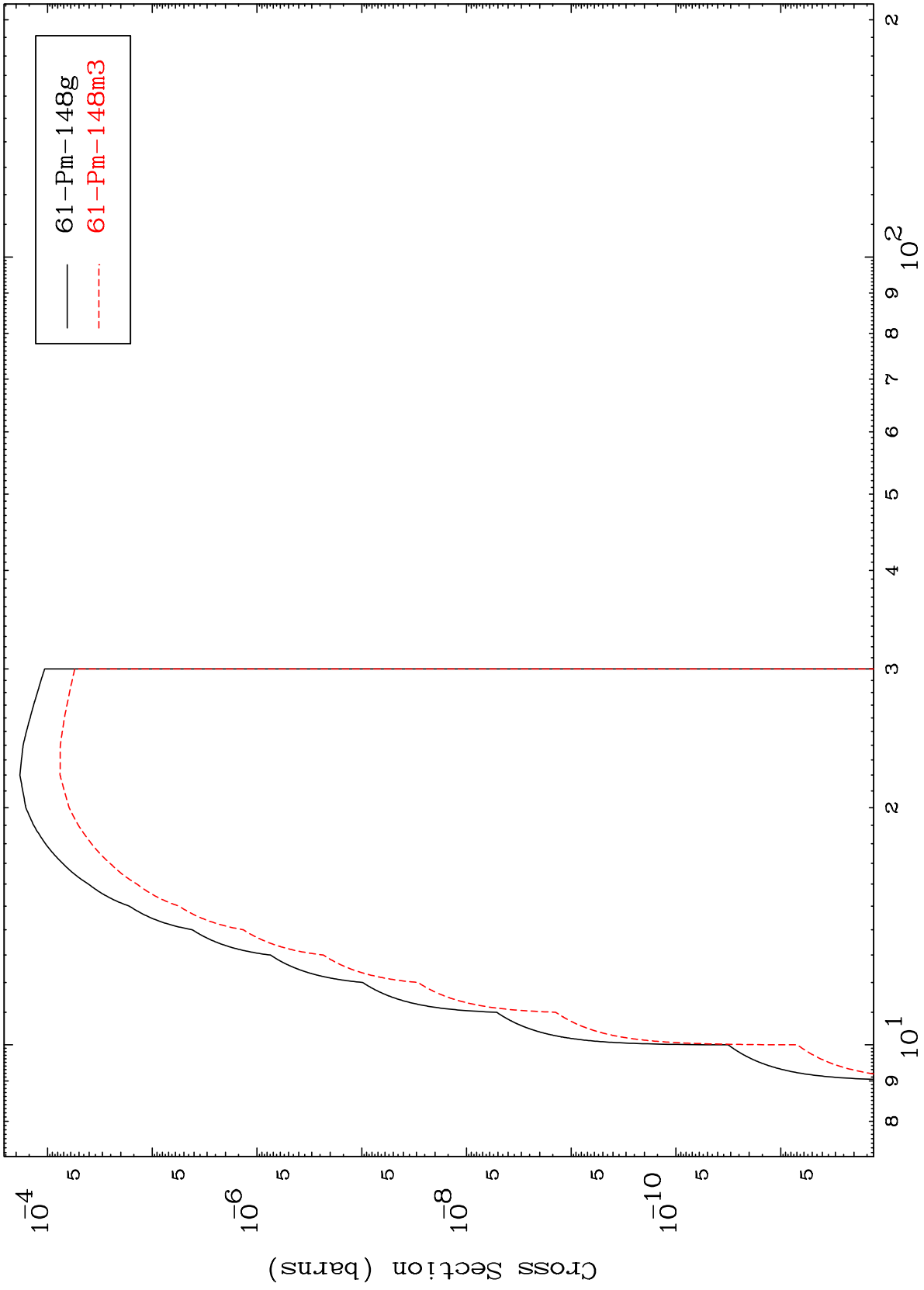
Incident Energy (MeV)

62-Sm-149

MAT 6240

62-Sm-149

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



11

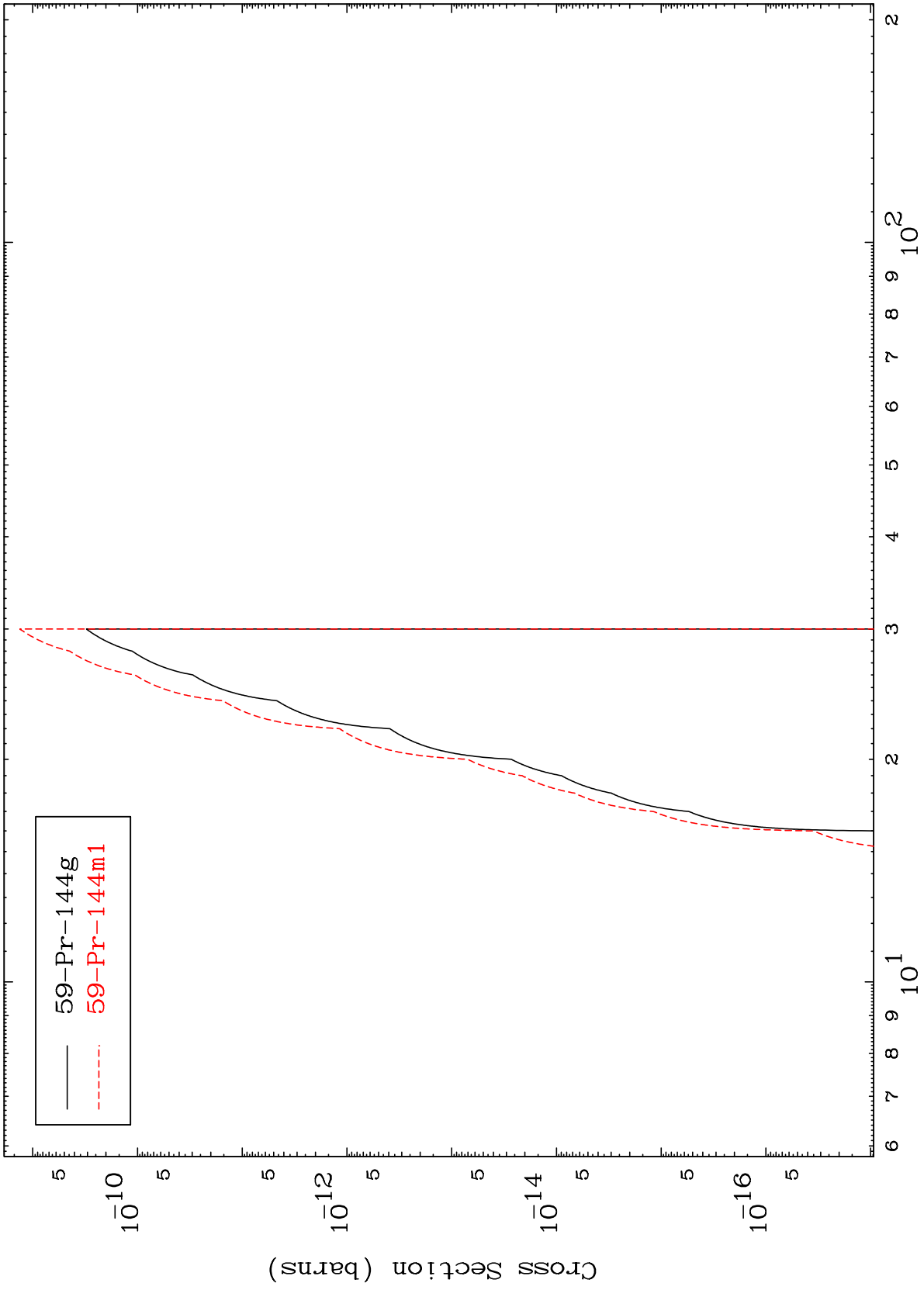
Incident Energy (MeV)

62-Sm-149

MAT 6240

62-Sm-149

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



12

Incident Energy (MeV)

62-Sm-149