

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

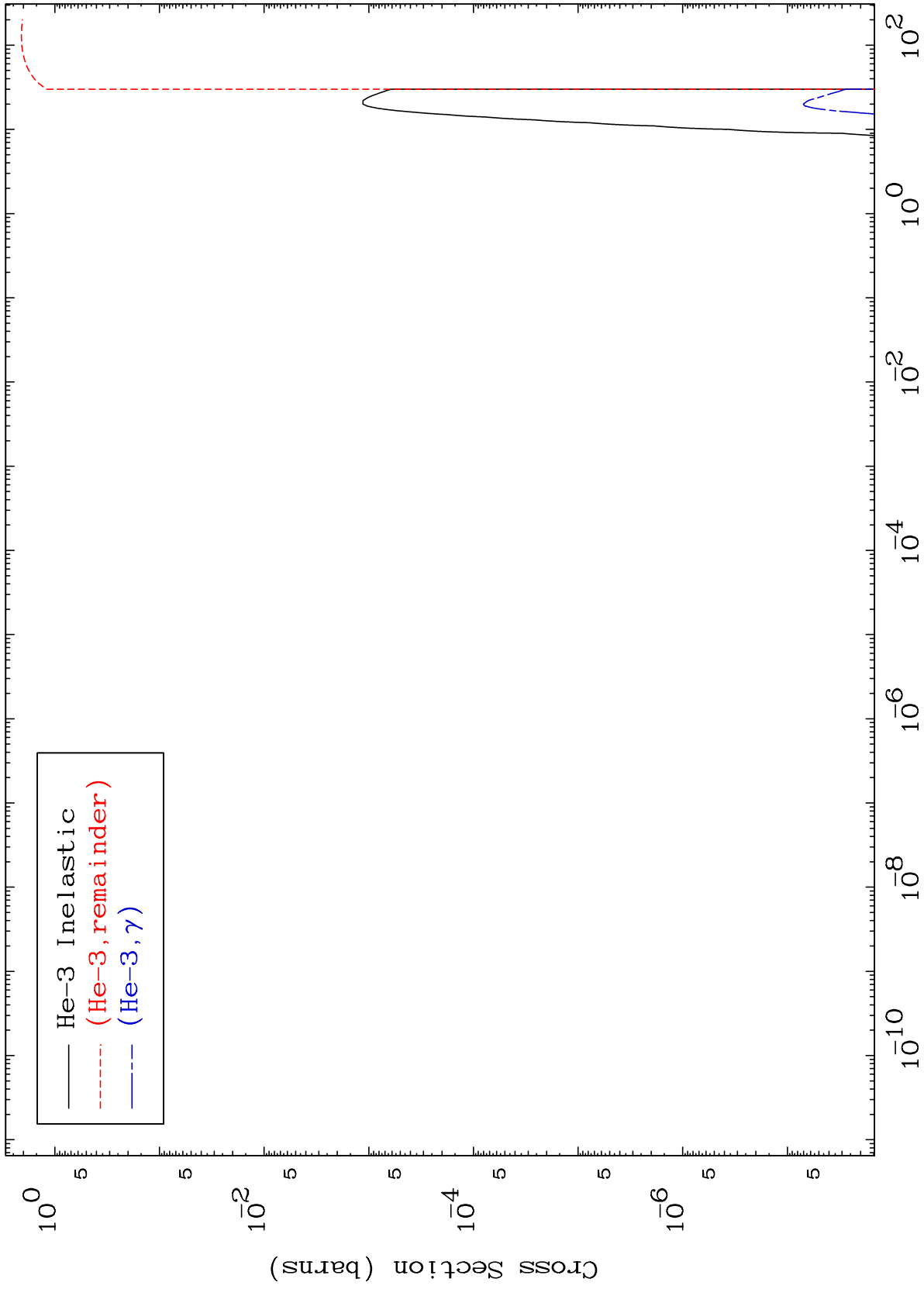
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6149

He-3 Major  
0 Kelvin Cross Sections

61-Pm-147



1

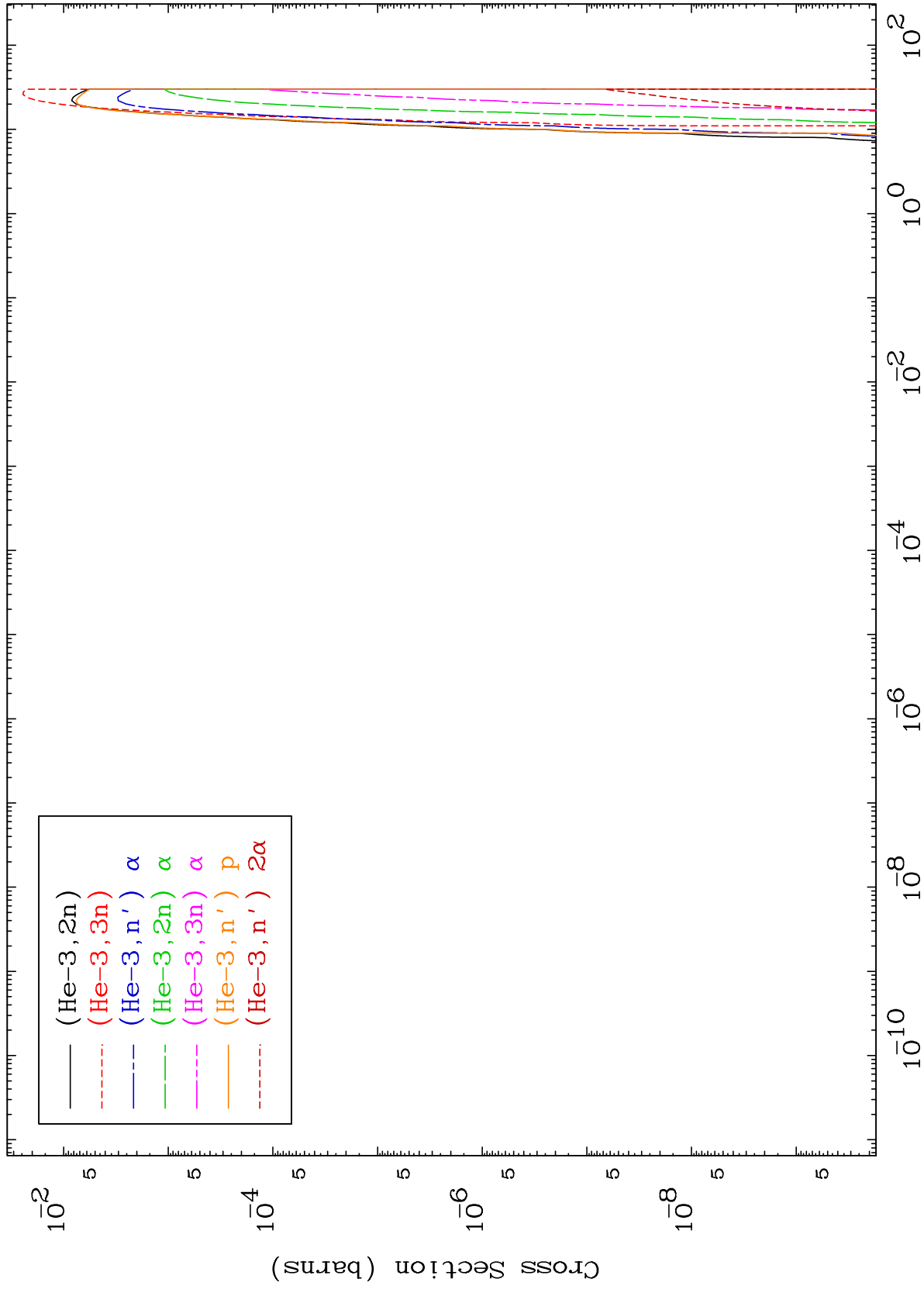
Incident Energy (MeV)

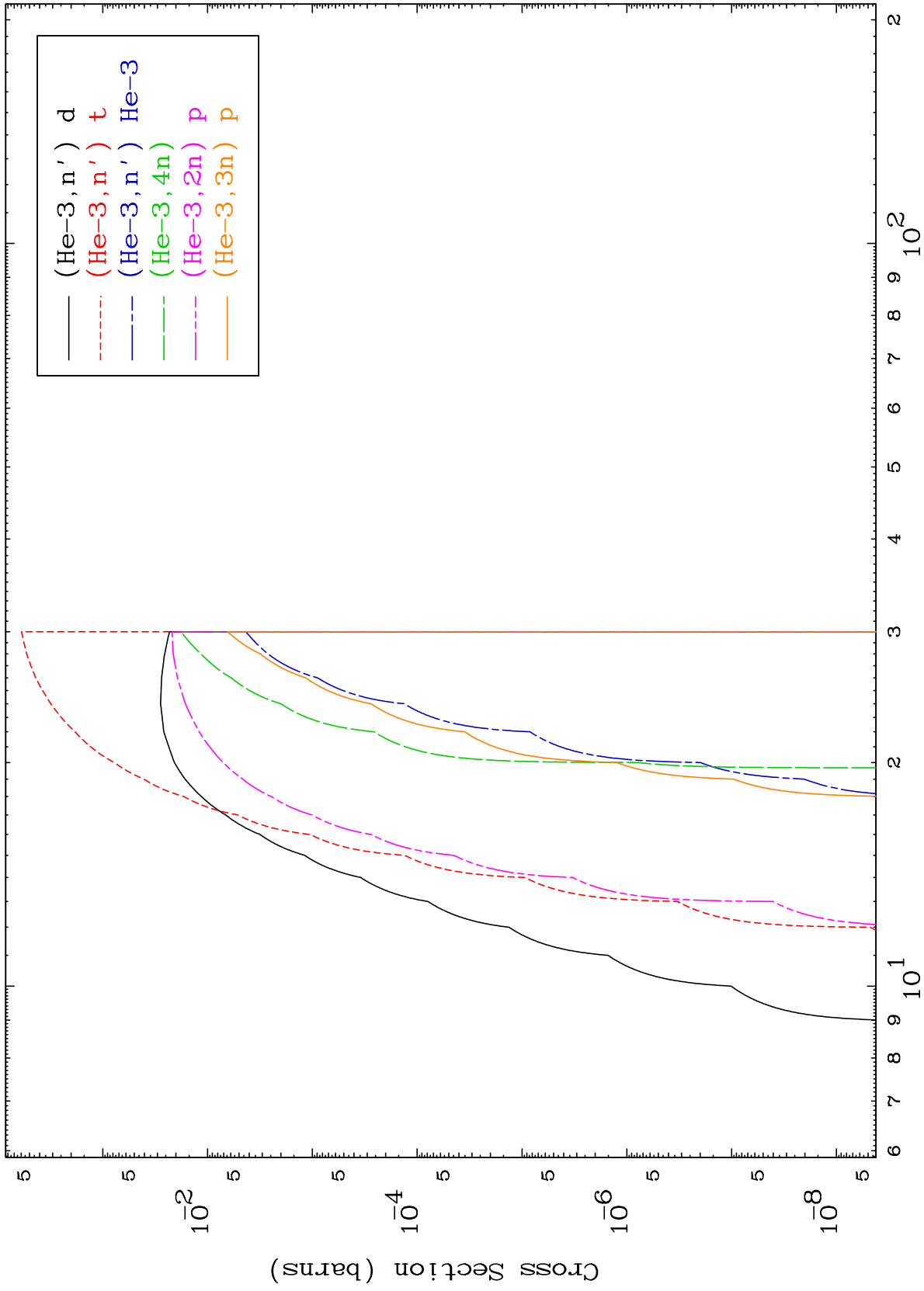
61-Pm-147

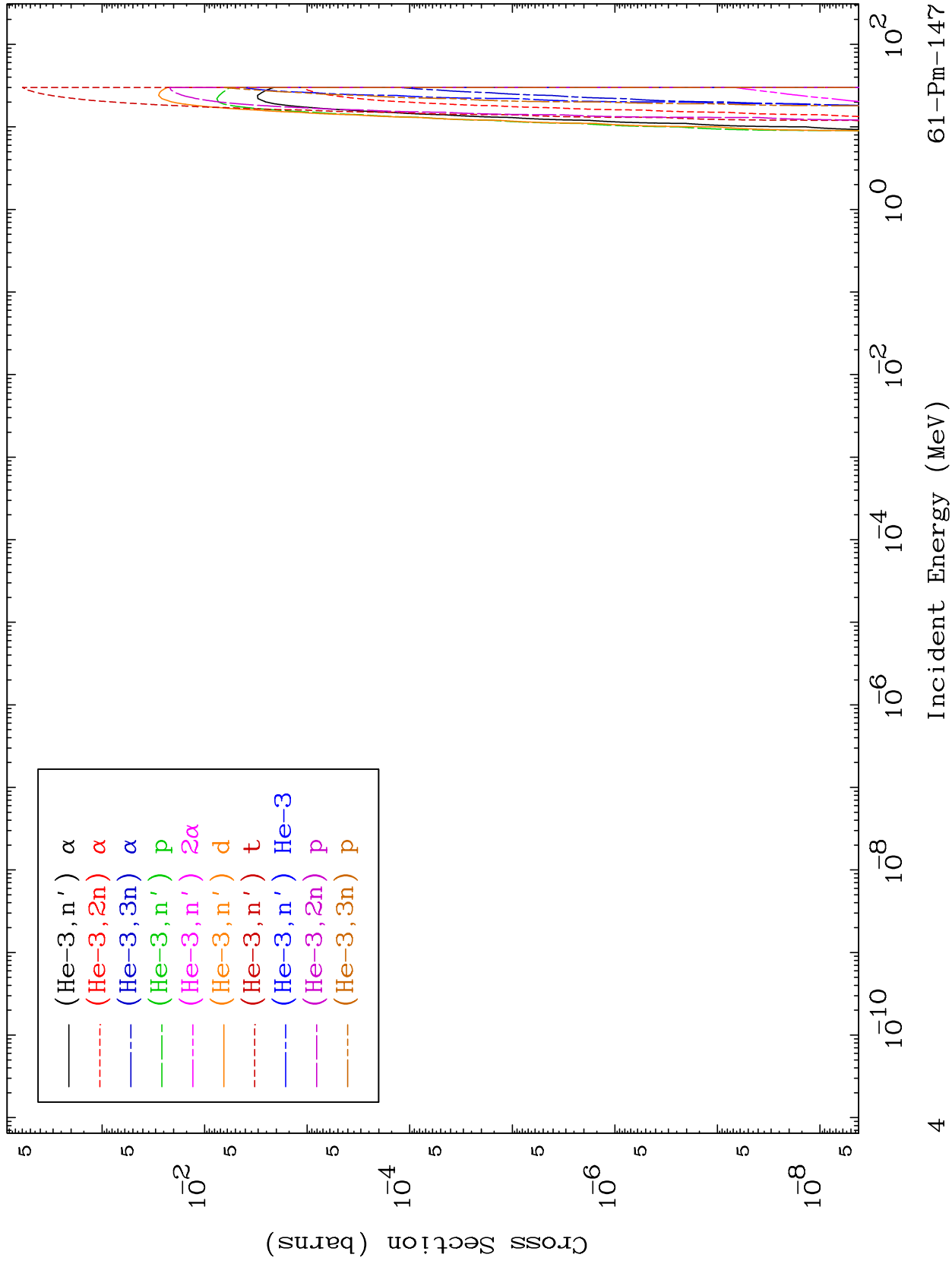
MAT 6149

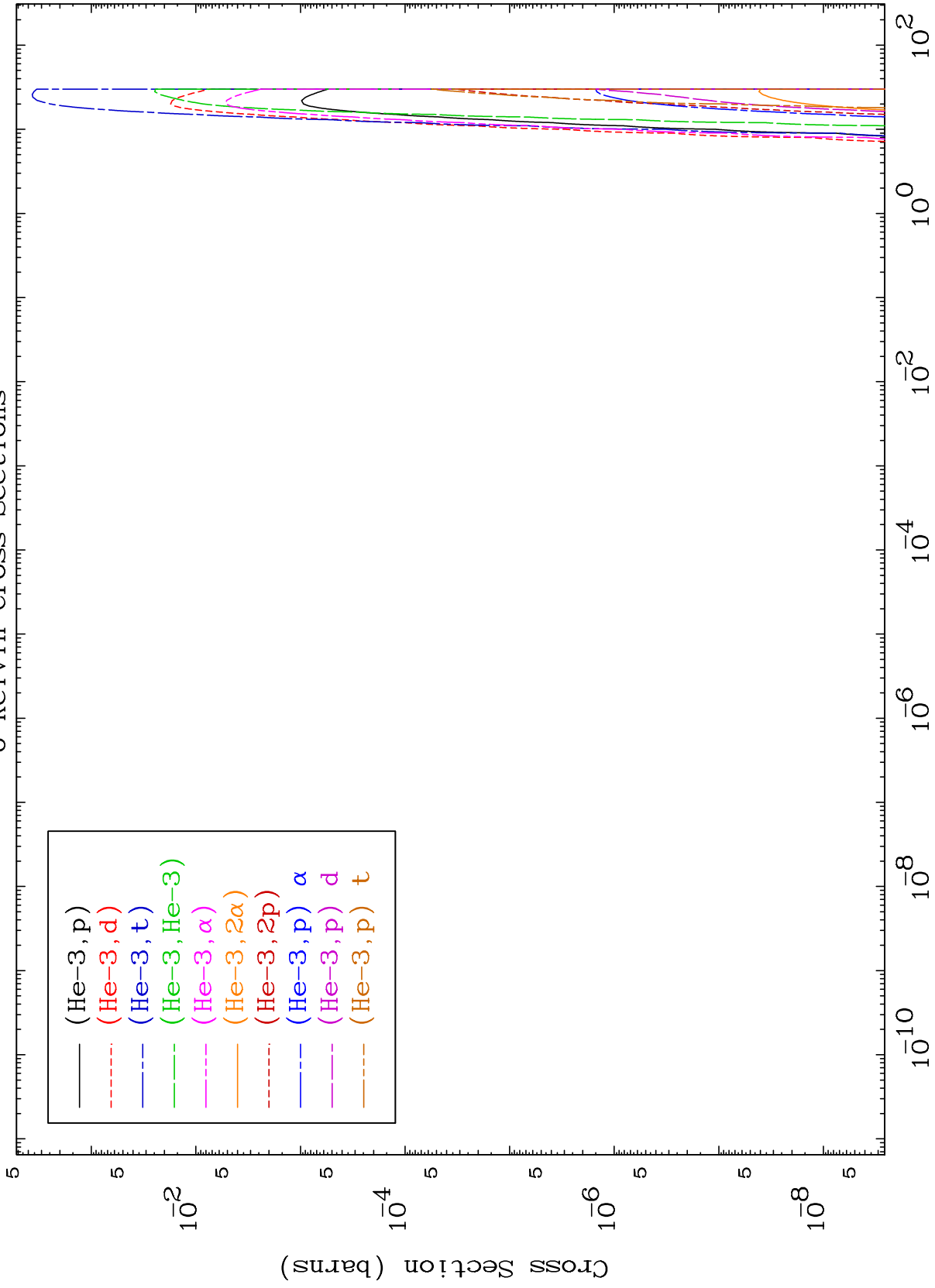
He-3 Neutron Production  
0 Kelvin Cross Sections

61-Pm-147





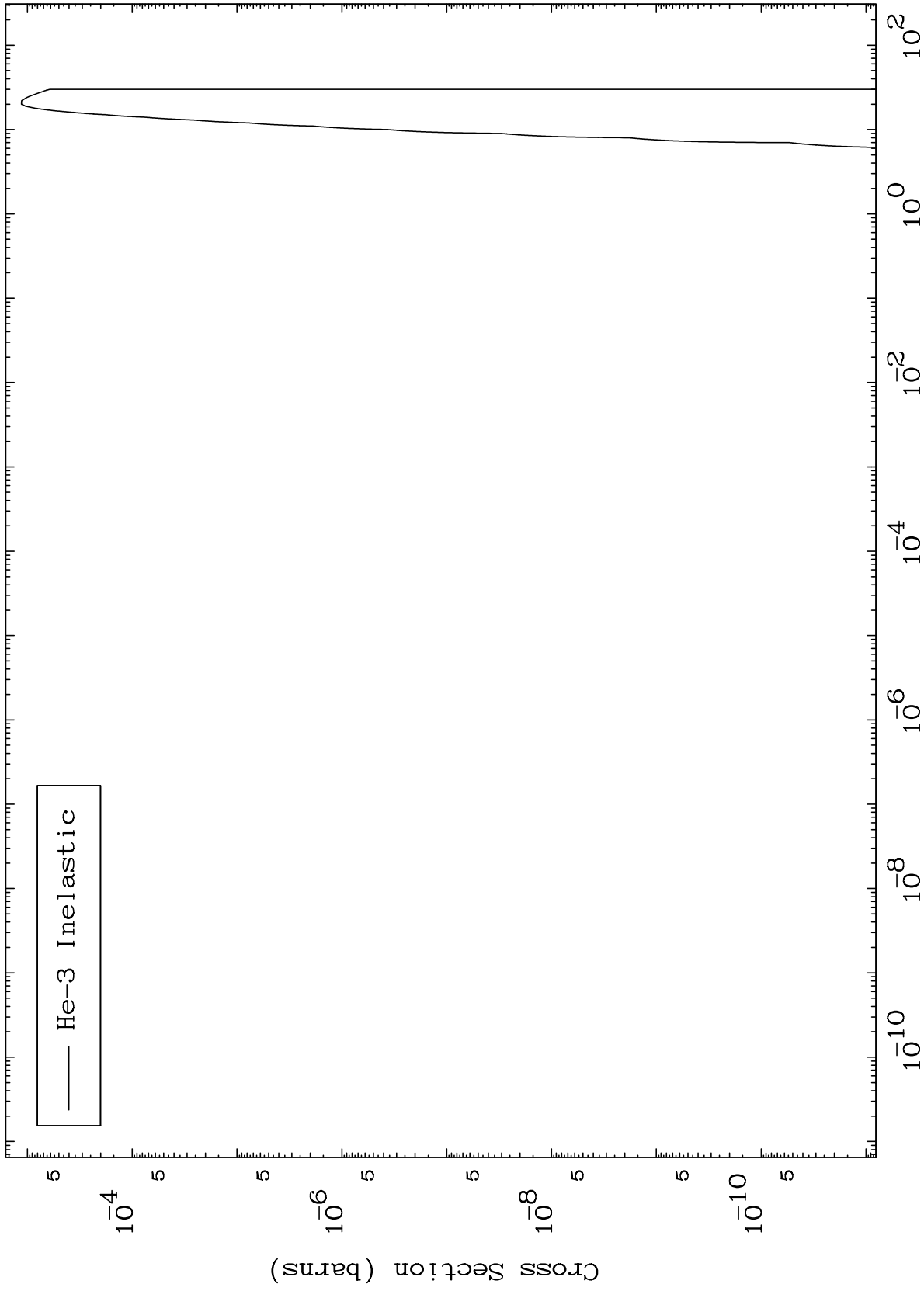




MAT 6149

(He-3, n') Level  
0 Kelvin Cross Sections

61-Pm-147



6

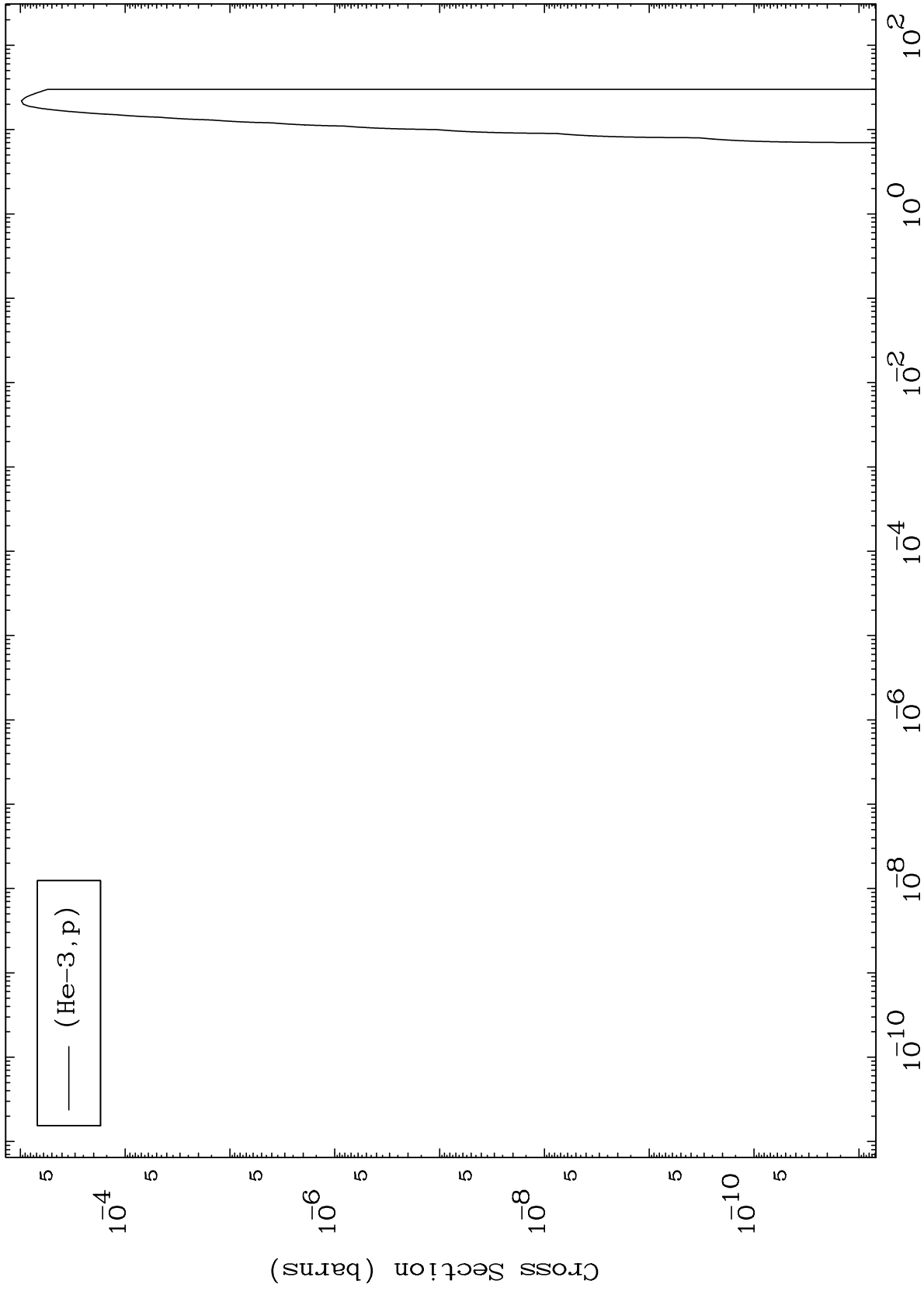
Incident Energy (MeV)

61-Pm-147

MAT 6149

(He-3,p) Levels  
0 Kelvin Cross Sections

61-Pm-147



7

Incident Energy (MeV)

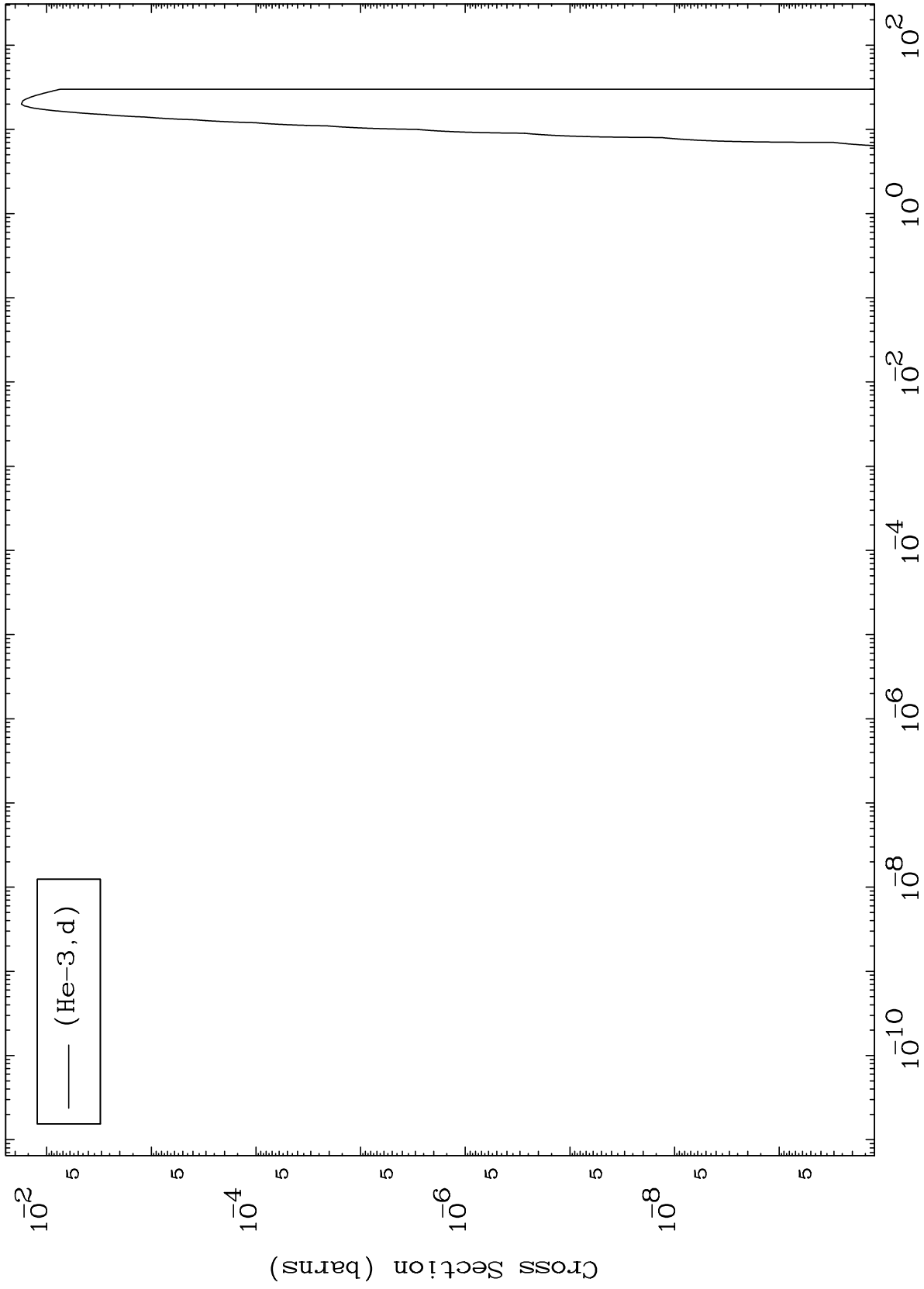
61-Pm-147



MAT 6149

(He-3,d) Levels  
0 Kelvin Cross Sections

61-Pm-147



8

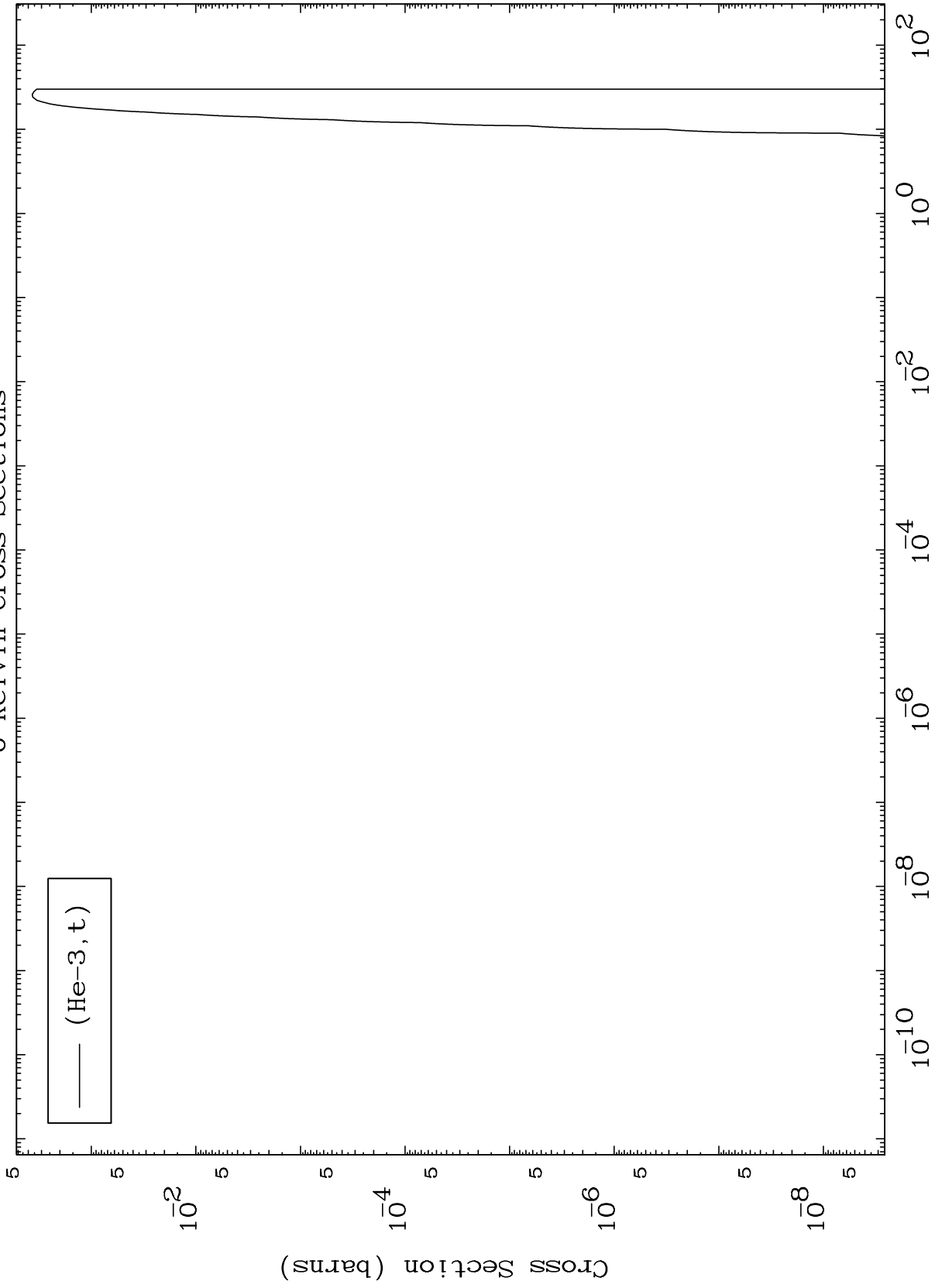
Incident Energy (MeV)

61-Pm-147

MAT 6149

(He-3, t) Levels  
0 Kelvin Cross Sections

61-Pm-147



9

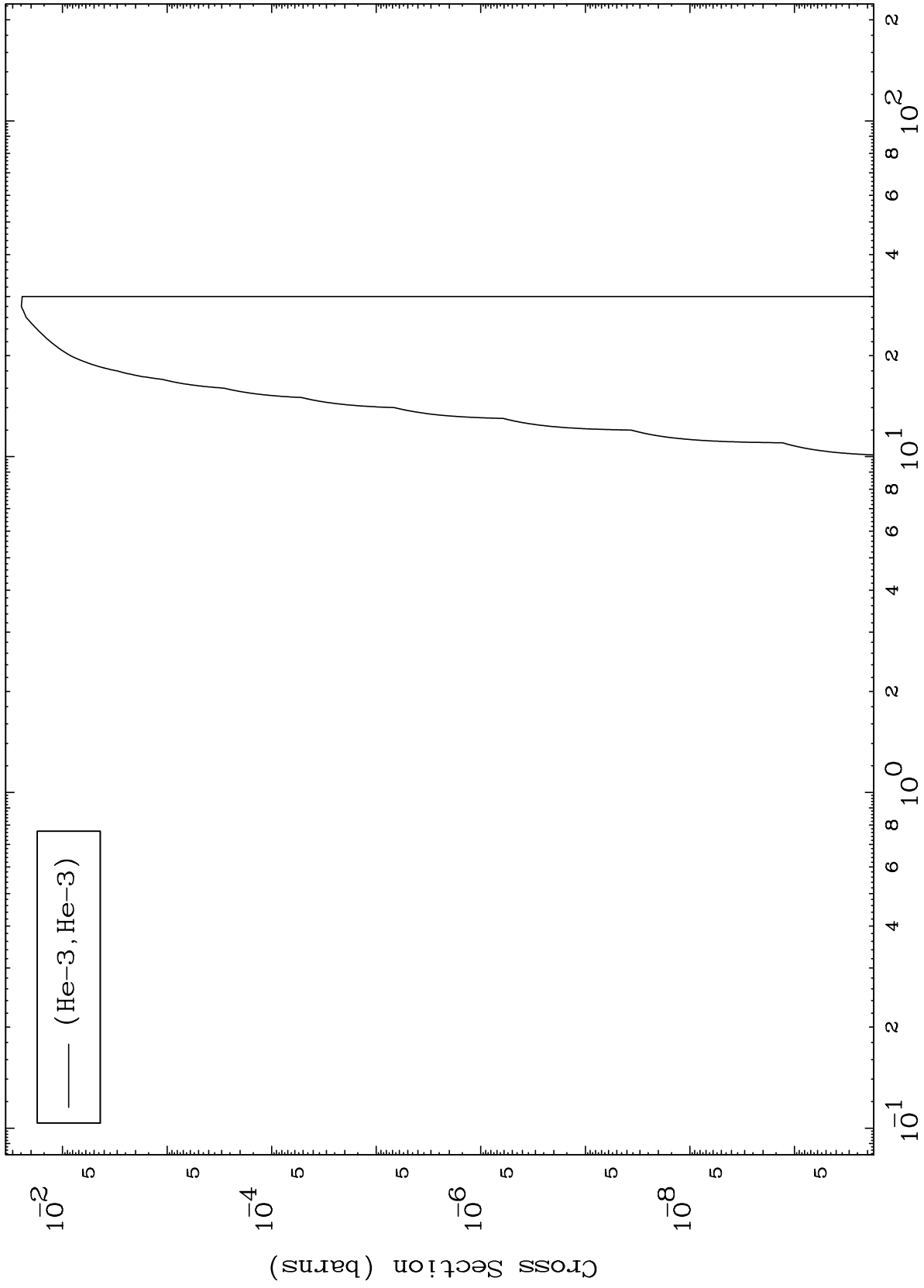
Incident Energy (MeV)

61-Pm-147

MAT 6149

(He-3, He3) Levels  
0 Kelvin Cross Sections

61-Pm-147



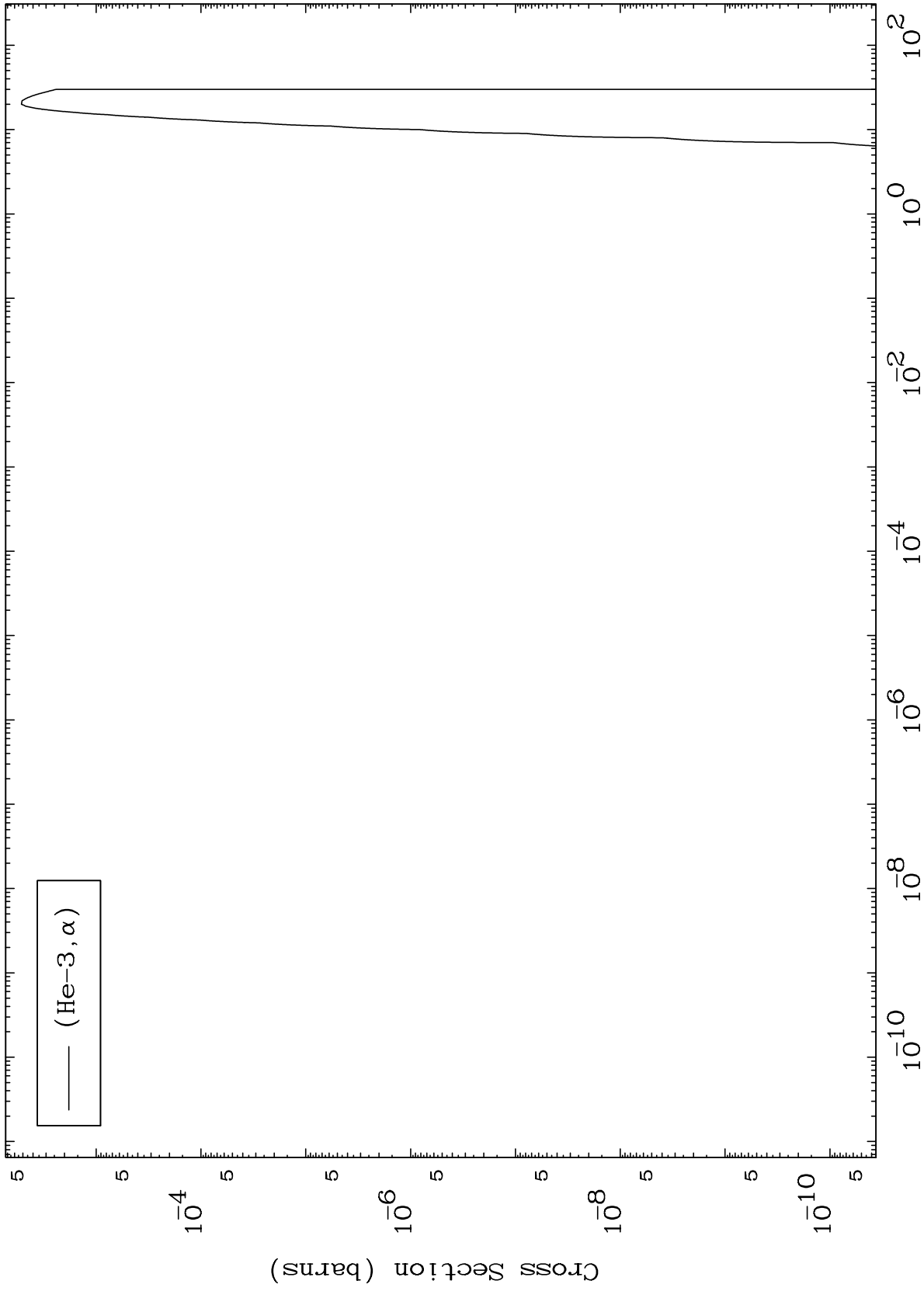
Incident Energy (MeV)

61-Pm-147

MAT 6149

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

61-Pm-147



(He-3,  $\alpha$ )

11

Incident Energy (MeV)

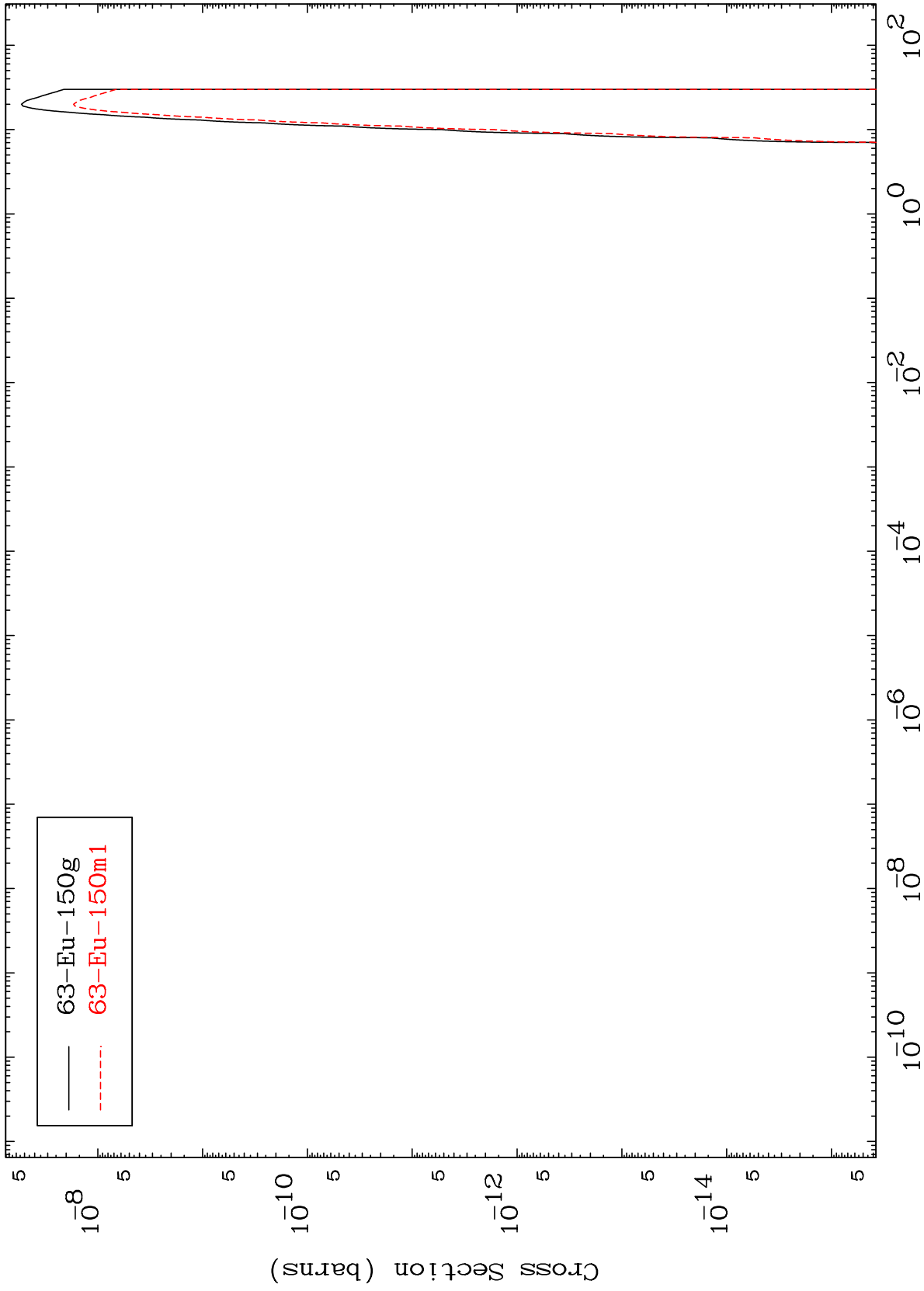
61-Pm-147

MAT 6149

(He-3,  $\gamma$ )

61-Pm-147

Radionuclide Production Cross Section



12

Incident Energy (MeV)

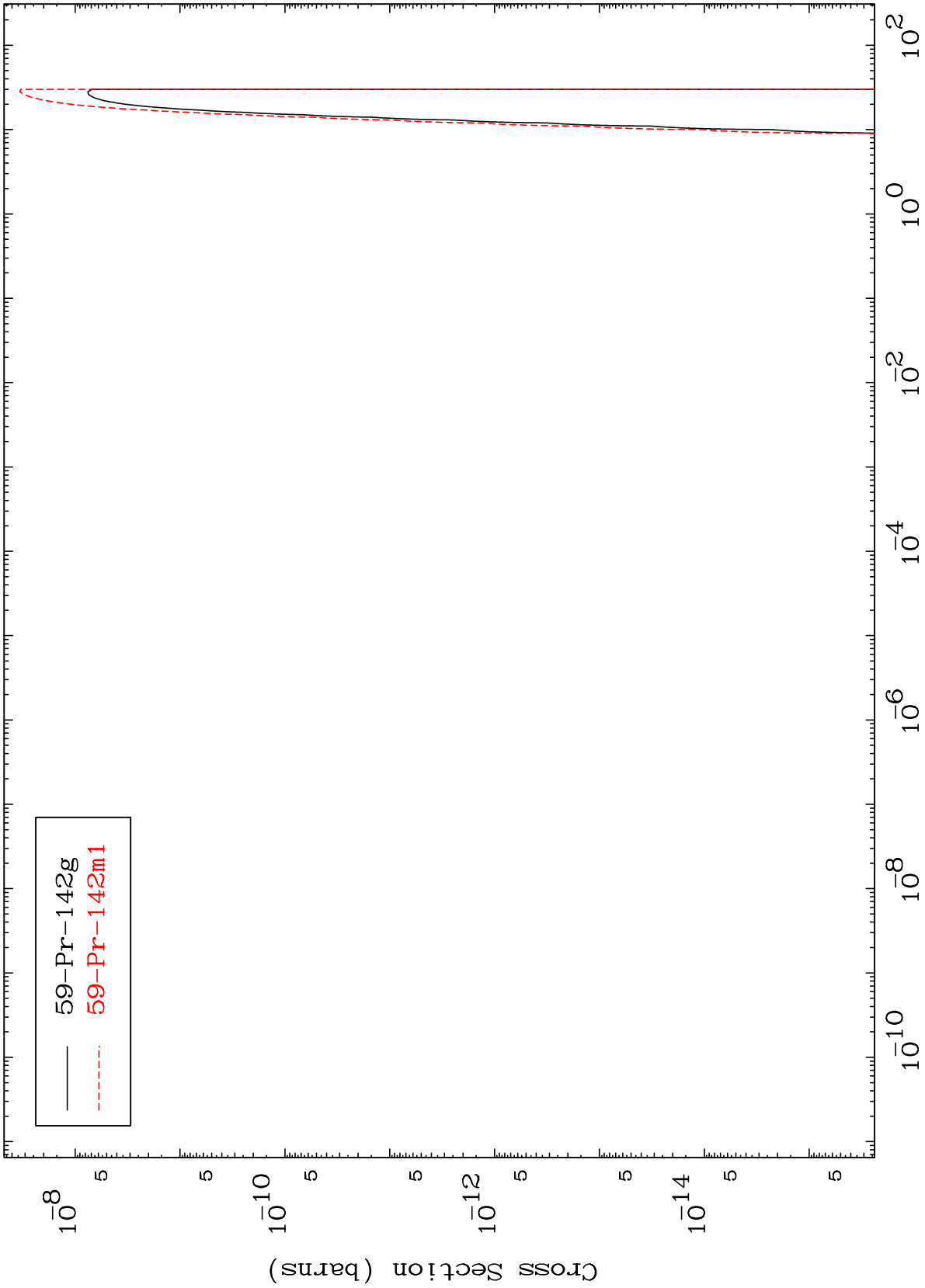
61-Pm-147

MAT 6149

(He-3,2α)

61-Pm-147

Radionuclide Production Cross Section

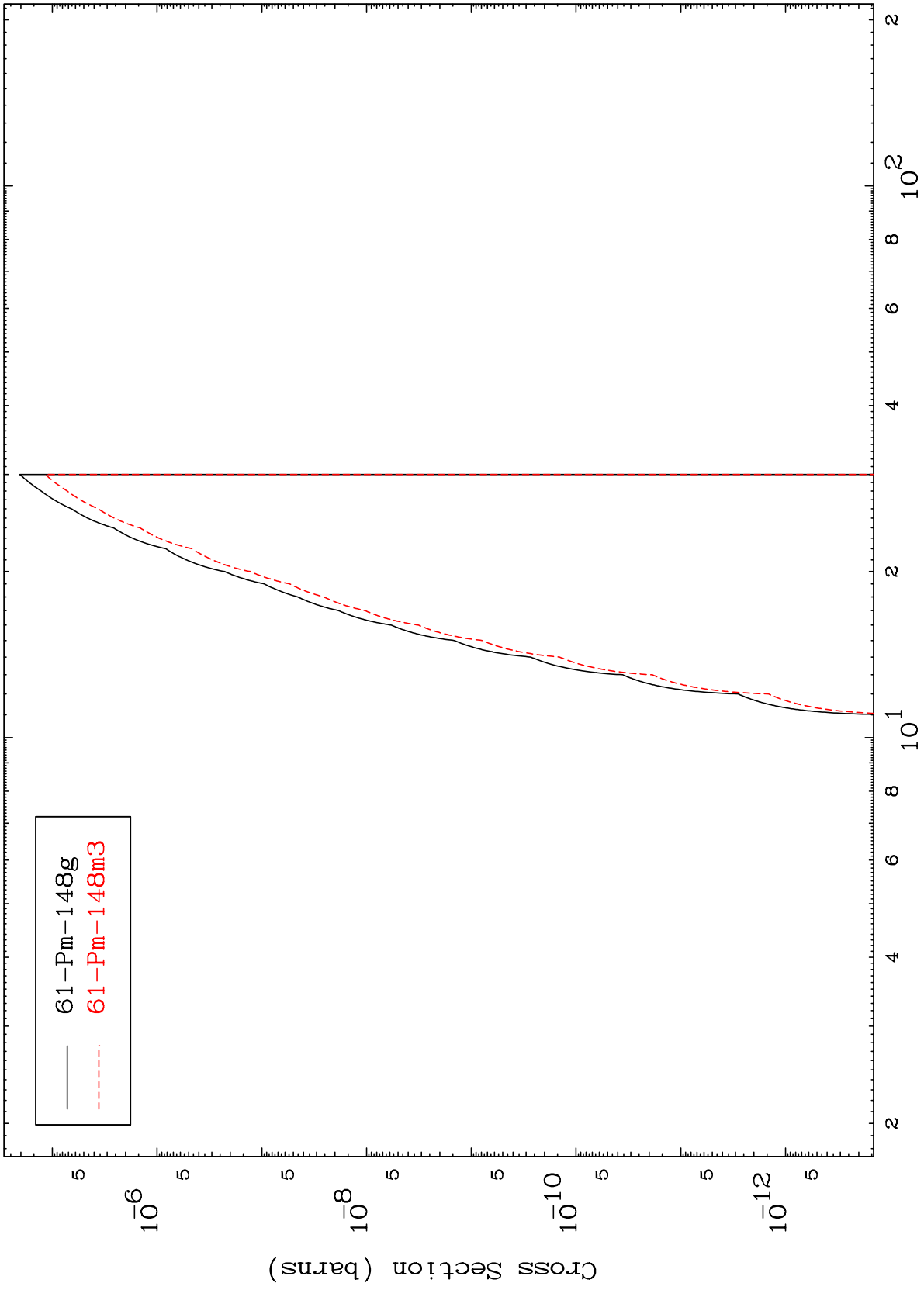


— 59-Pr-142g  
- - - 59-Pr-142m1

MAT 6149

Radionuclide Production Cross Section  
(He-3,2p)

61-Pm-147



14

Incident Energy (MeV)

61-Pm-147