

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

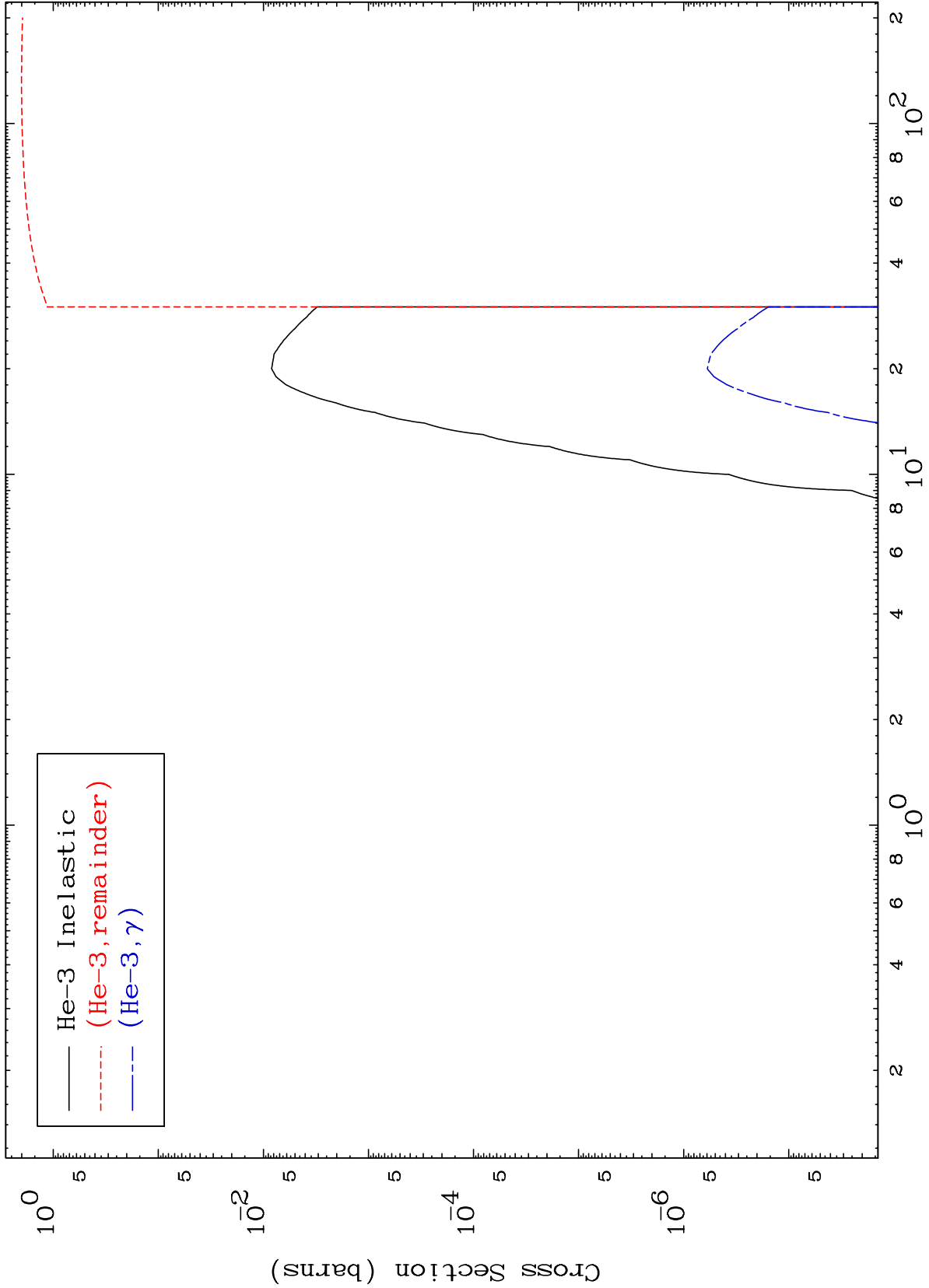
Press Mouse Button to Start

MAT 6123

He-3 Major

61-Pm-138

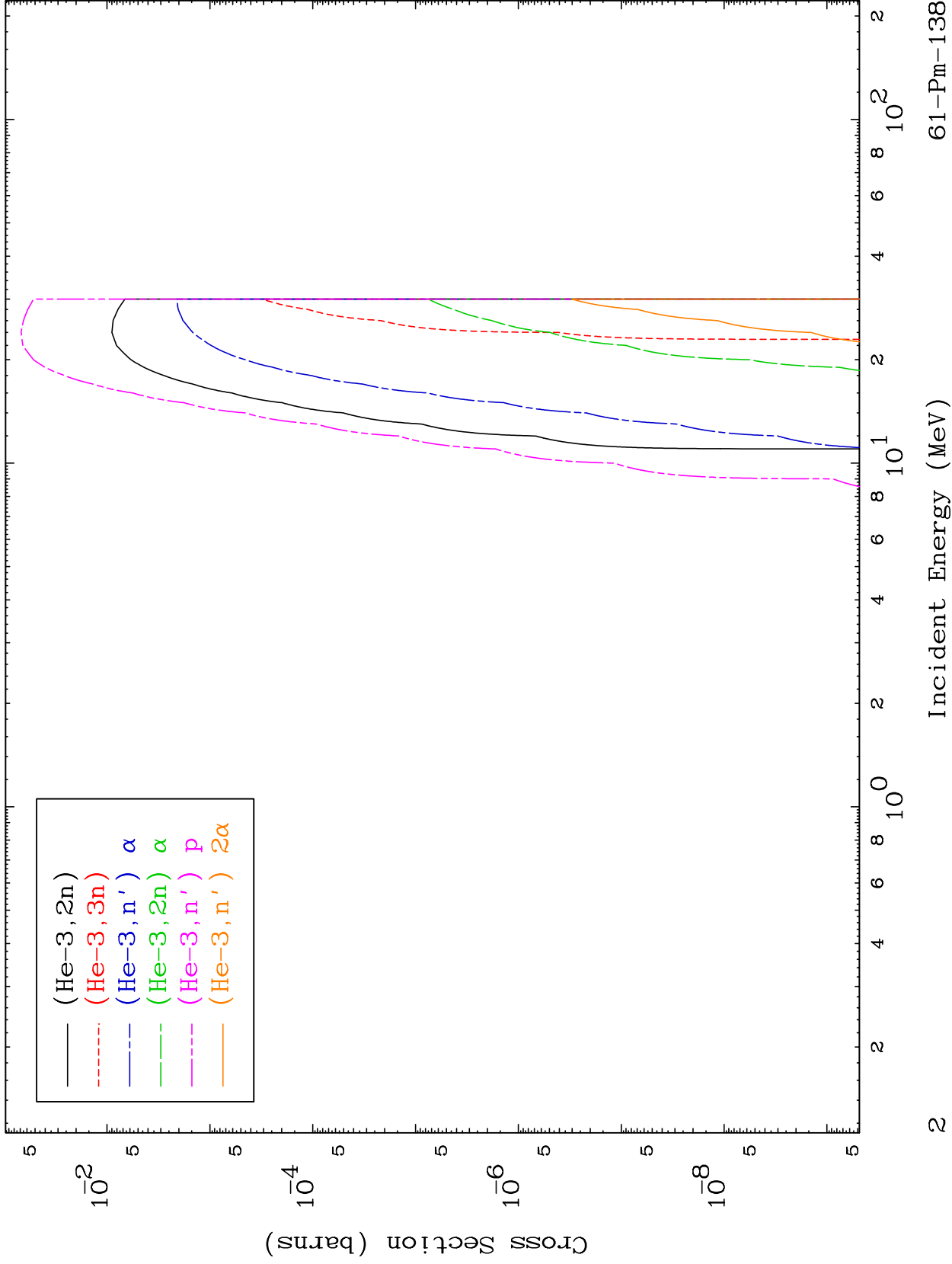
0 Kelvin Cross Sections

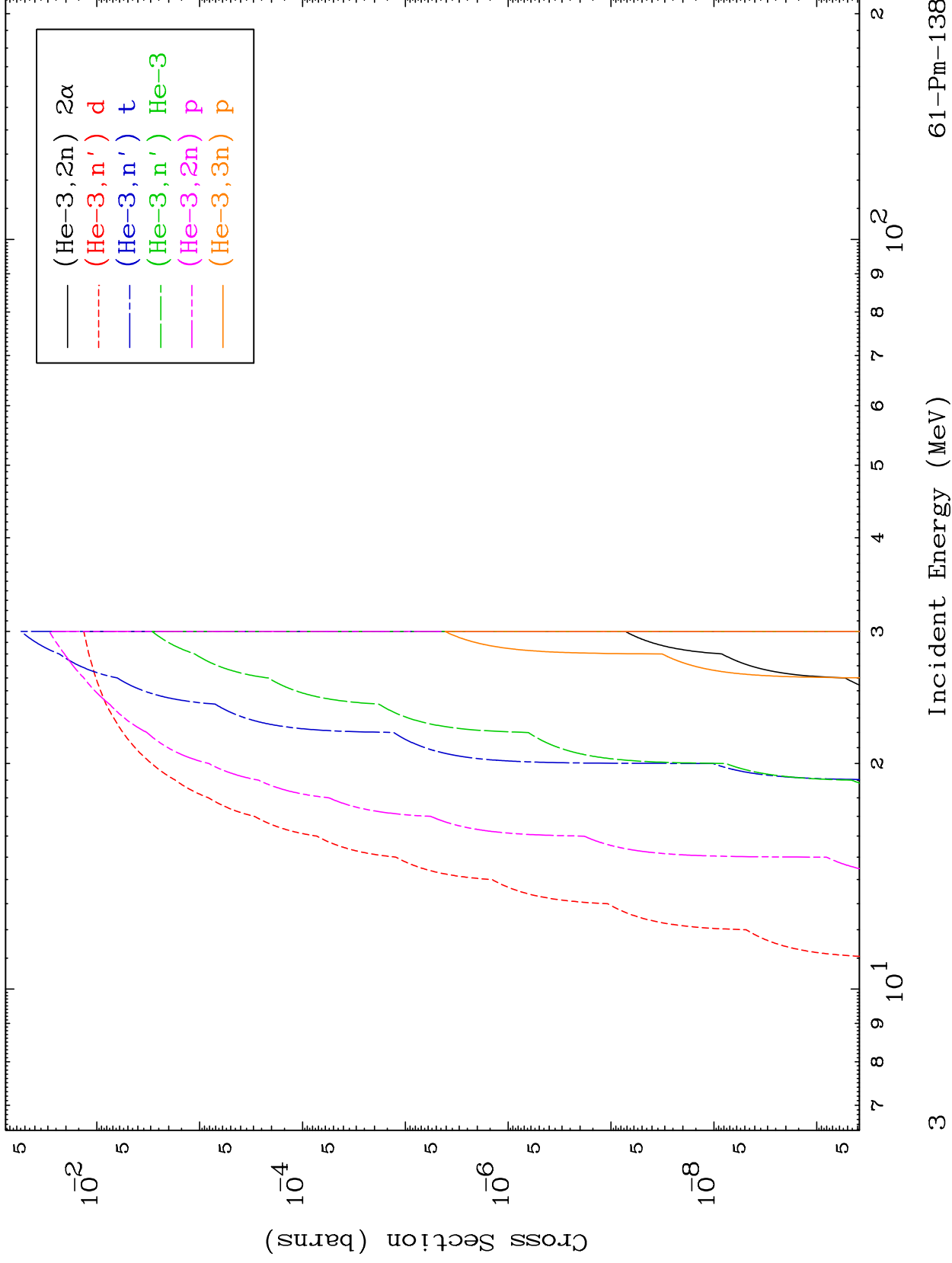


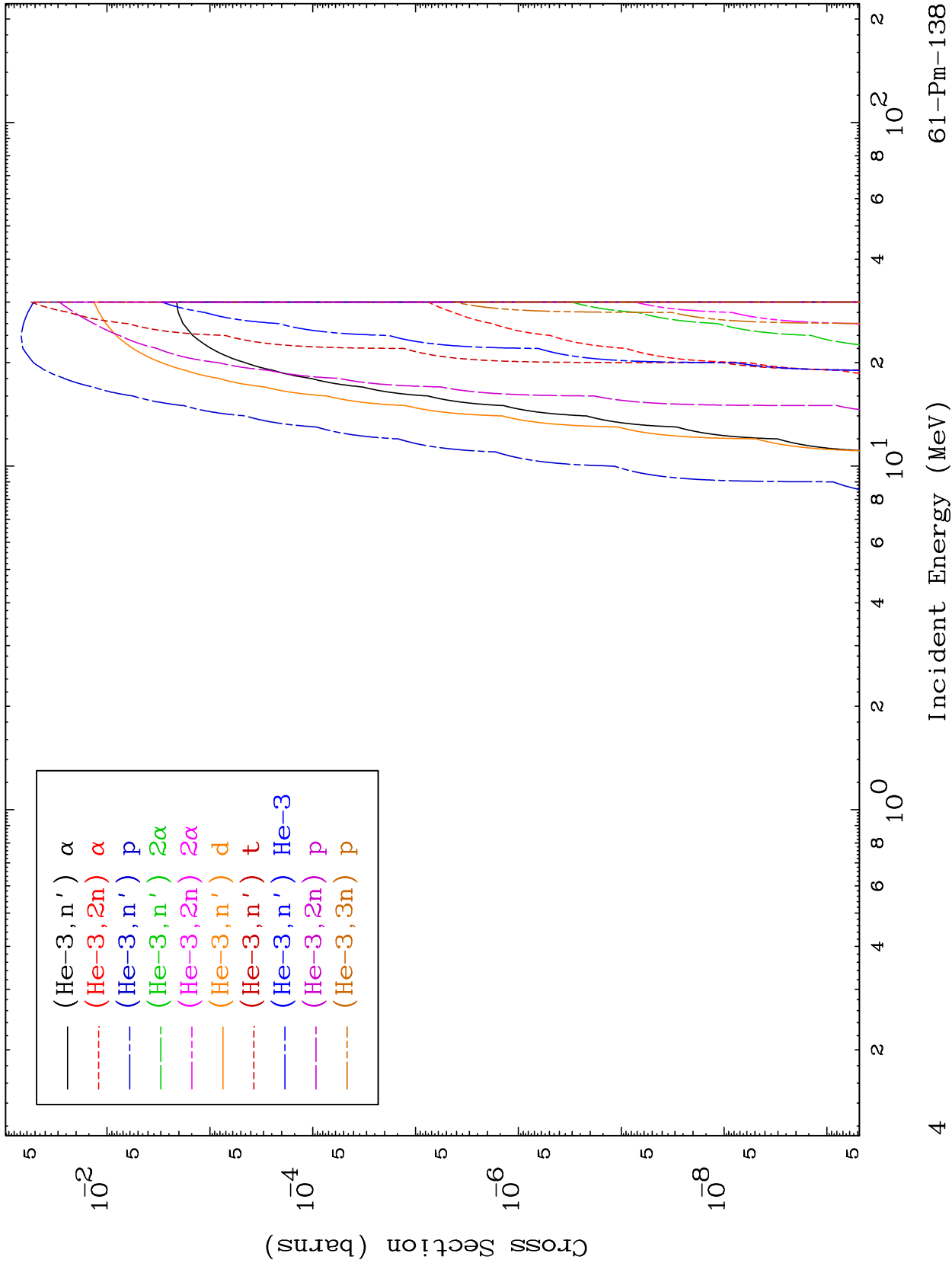
MAT 6123

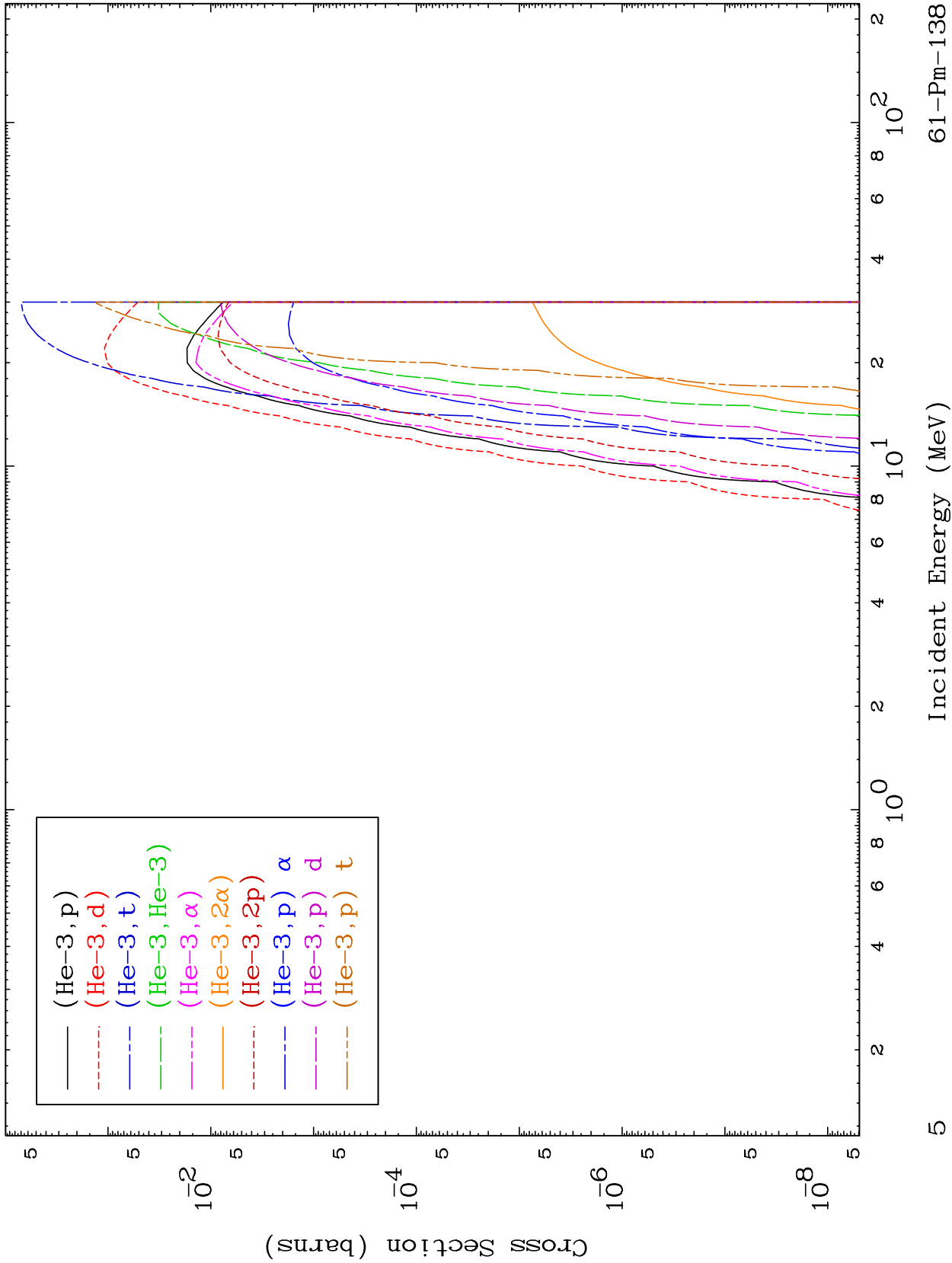
He-3 Neutron Production  
0 Kelvin Cross Sections

61-Pm-138





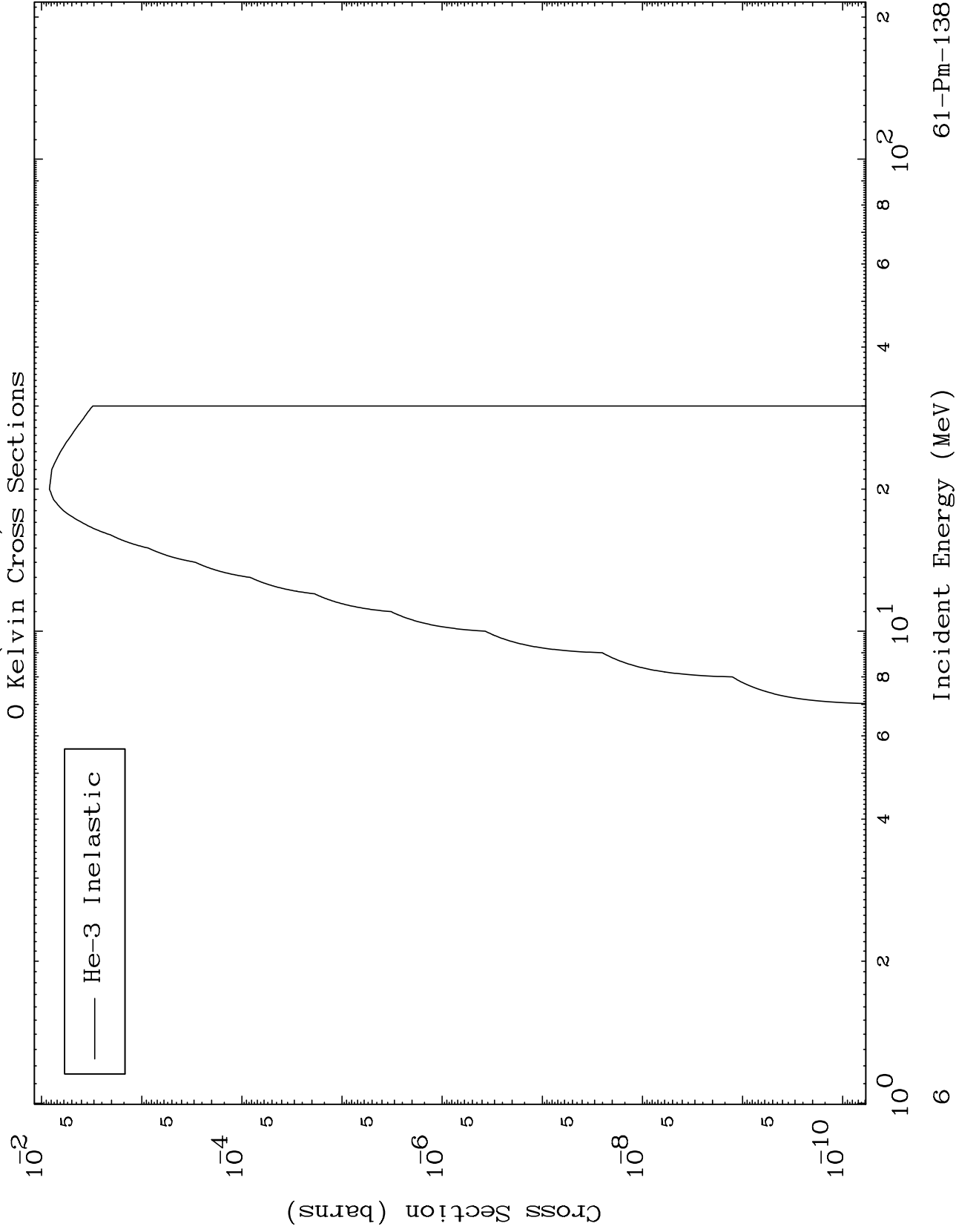




MAT 6123

(He-3, n') Level

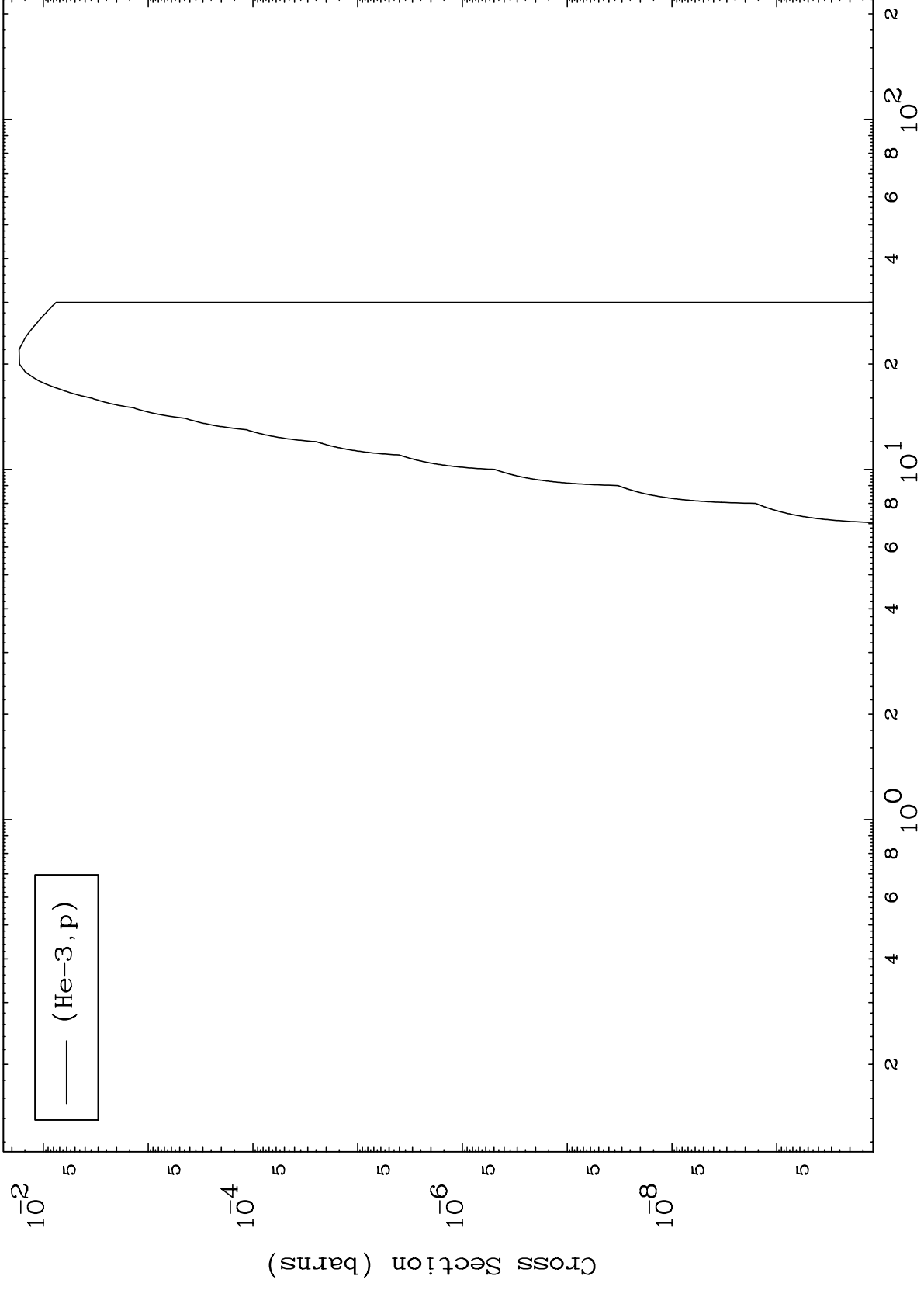
61-Pm-138



MAT 6123

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

61-Pm-138



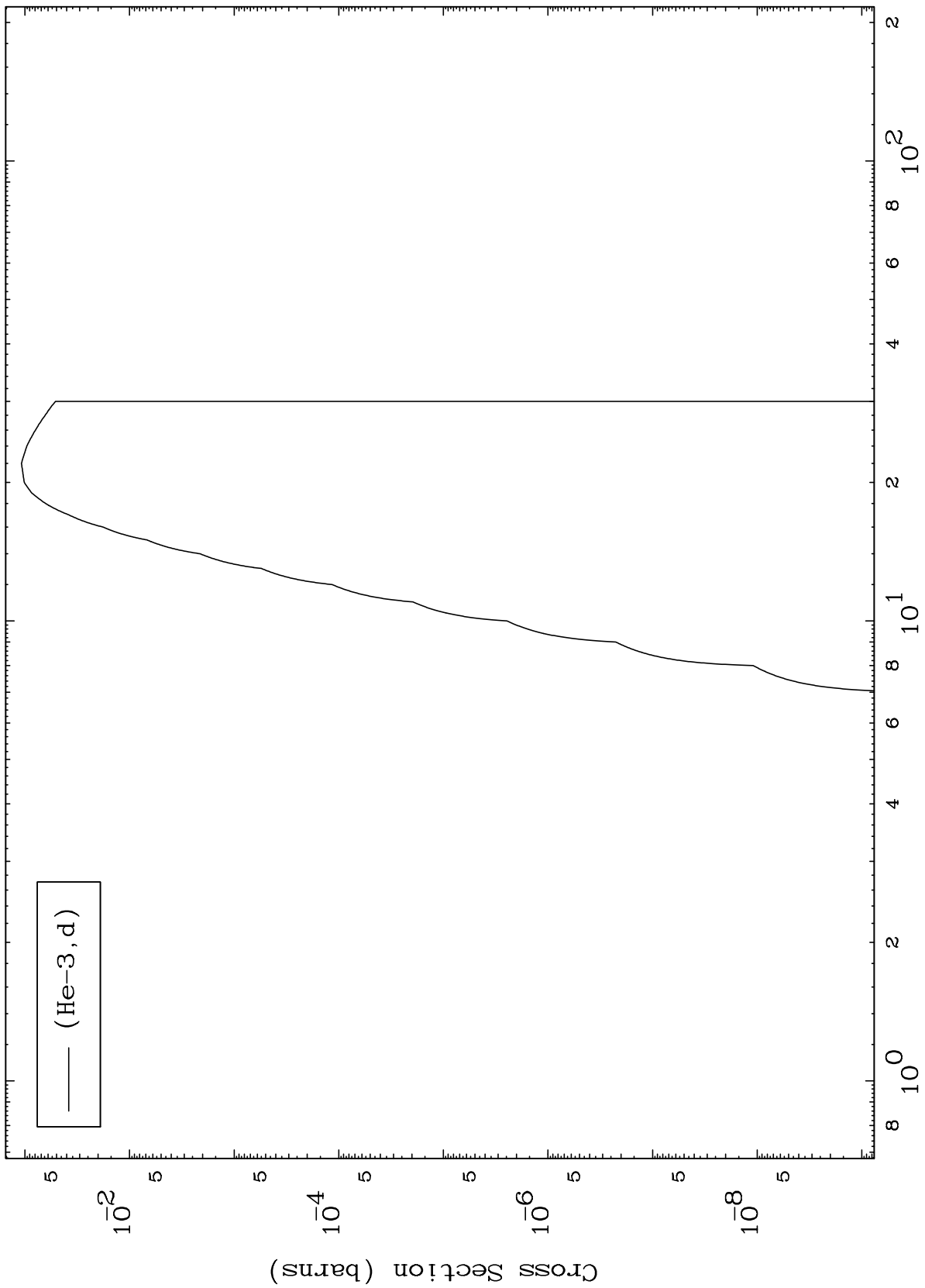


MAT 6123

(He-3,d) Levels

61-Pm-138

0 Kelvin Cross Sections



8

Incident Energy (MeV)

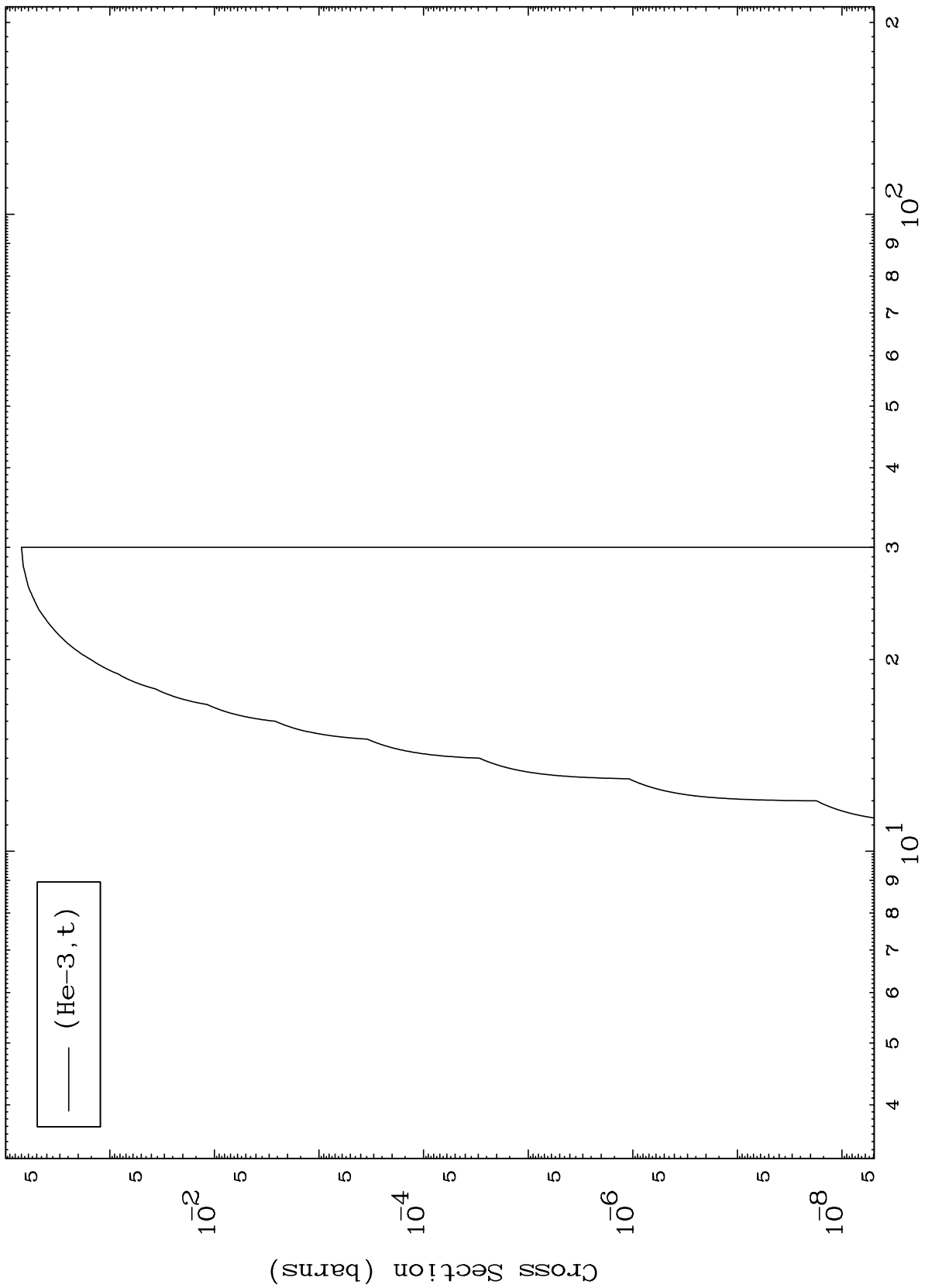
61-Pm-138

MAT 6123

(He-3, t) Levels

61-Pm-138

0 Kelvin Cross Sections

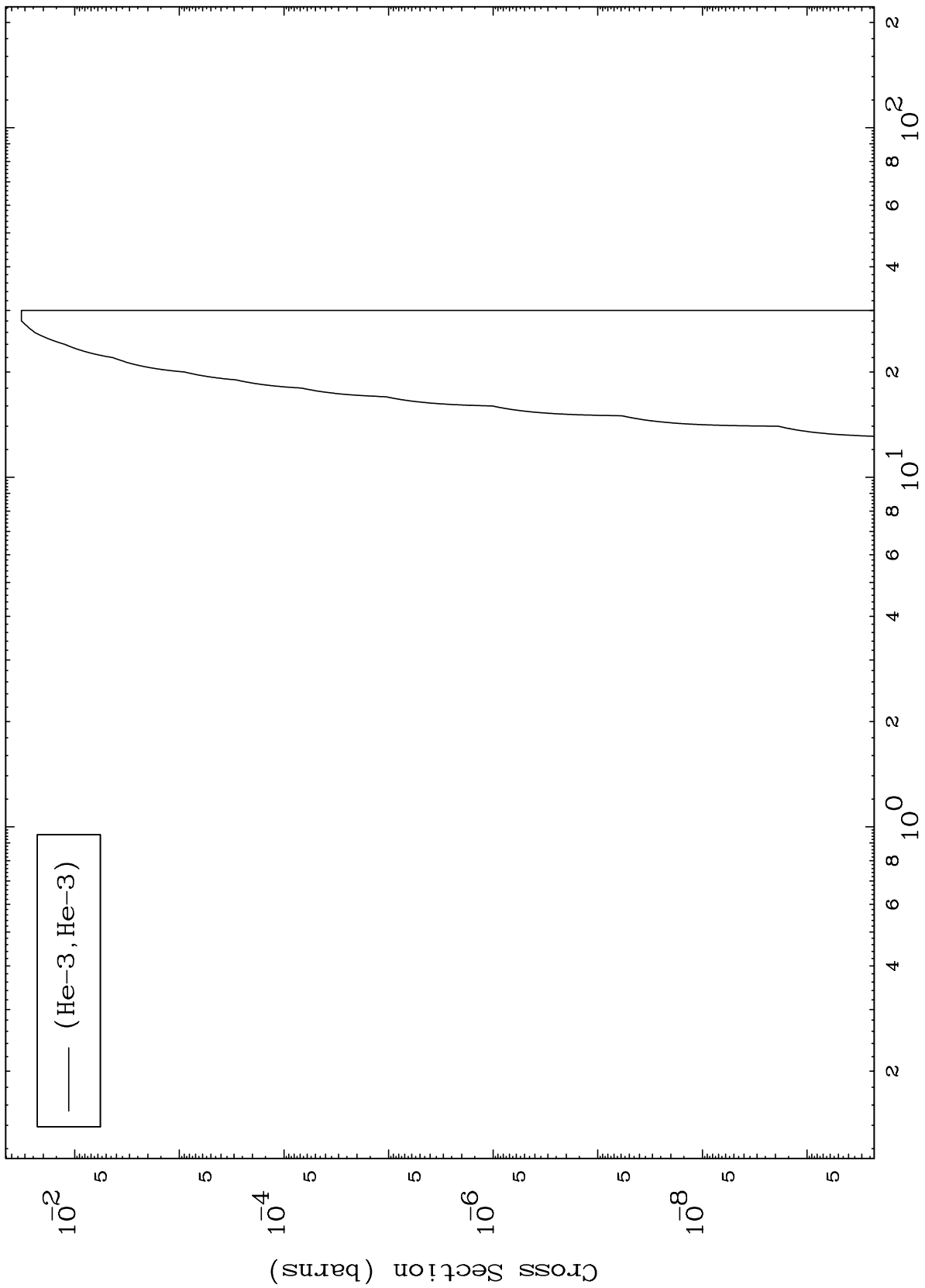


MAT 6123

(He-3, He3) Levels

61-Pm-138

0 Kelvin Cross Sections



10

Incident Energy (MeV)

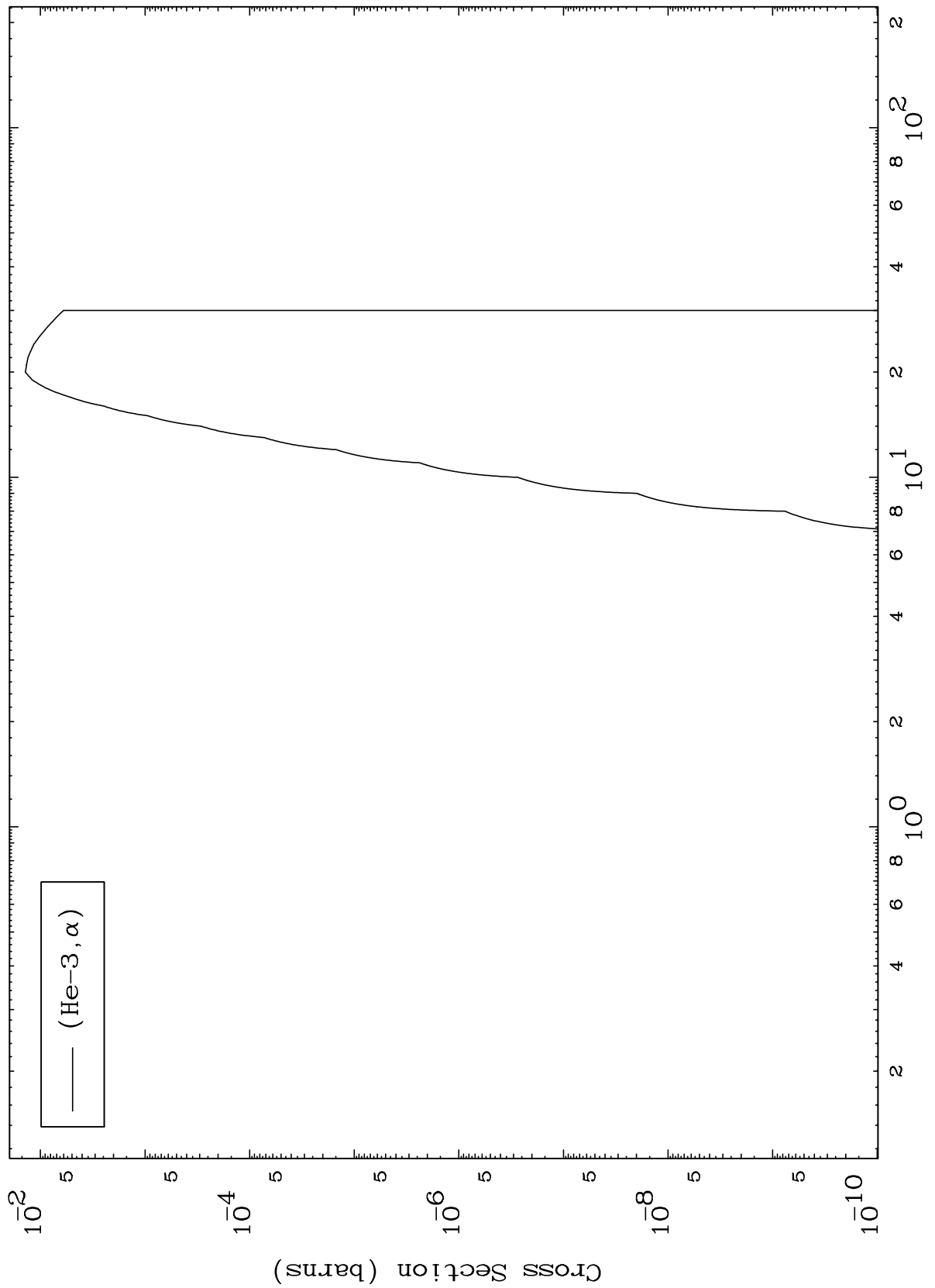
61-Pm-138

MAT 6123

(He-3,  $\alpha$ ) Levels

61-Pm-138

0 Kelvin Cross Sections

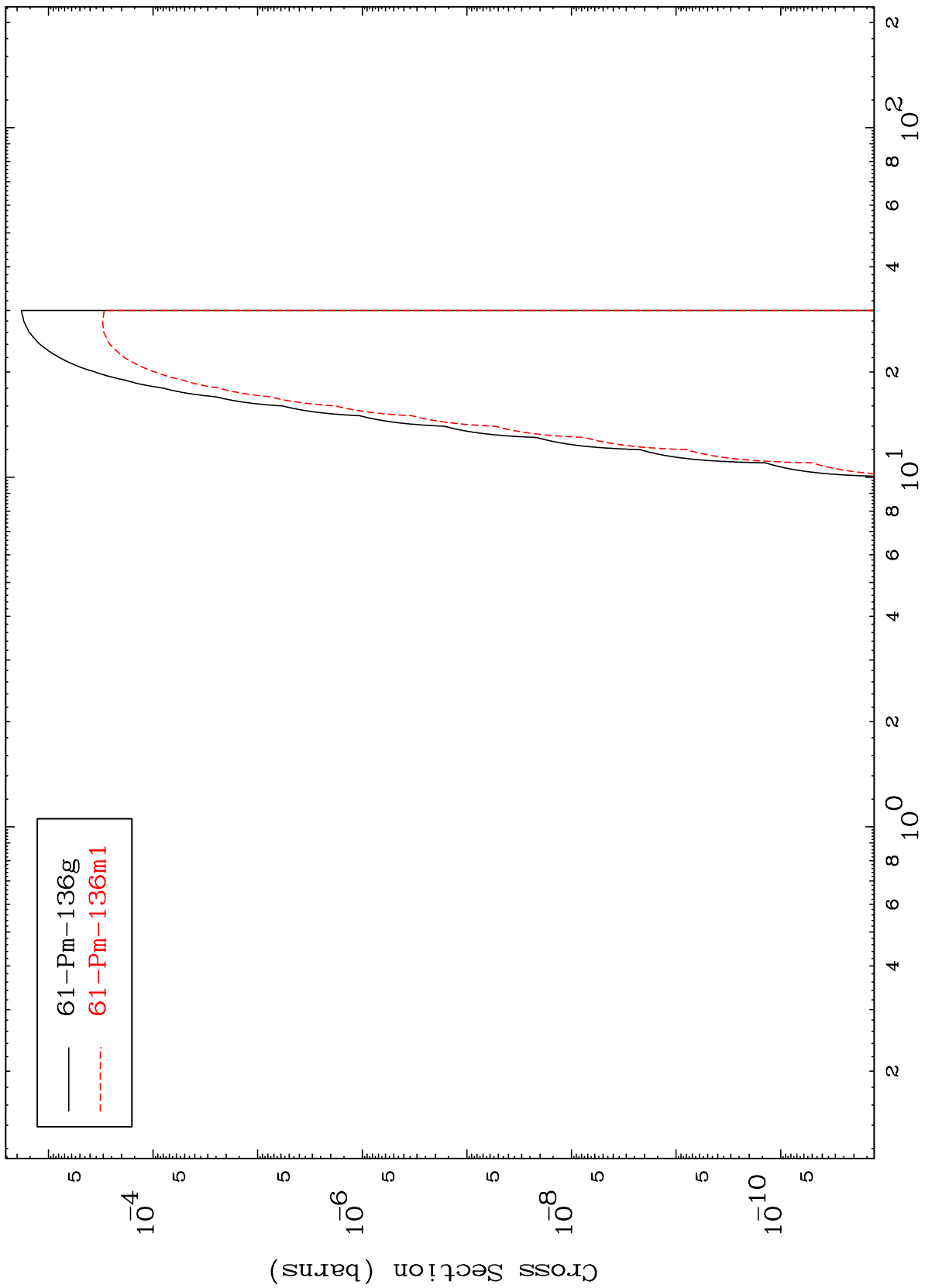


MAT 6123

(He-3, n')  $\alpha$

61-Pm-138

Radionuclide Production Cross Section

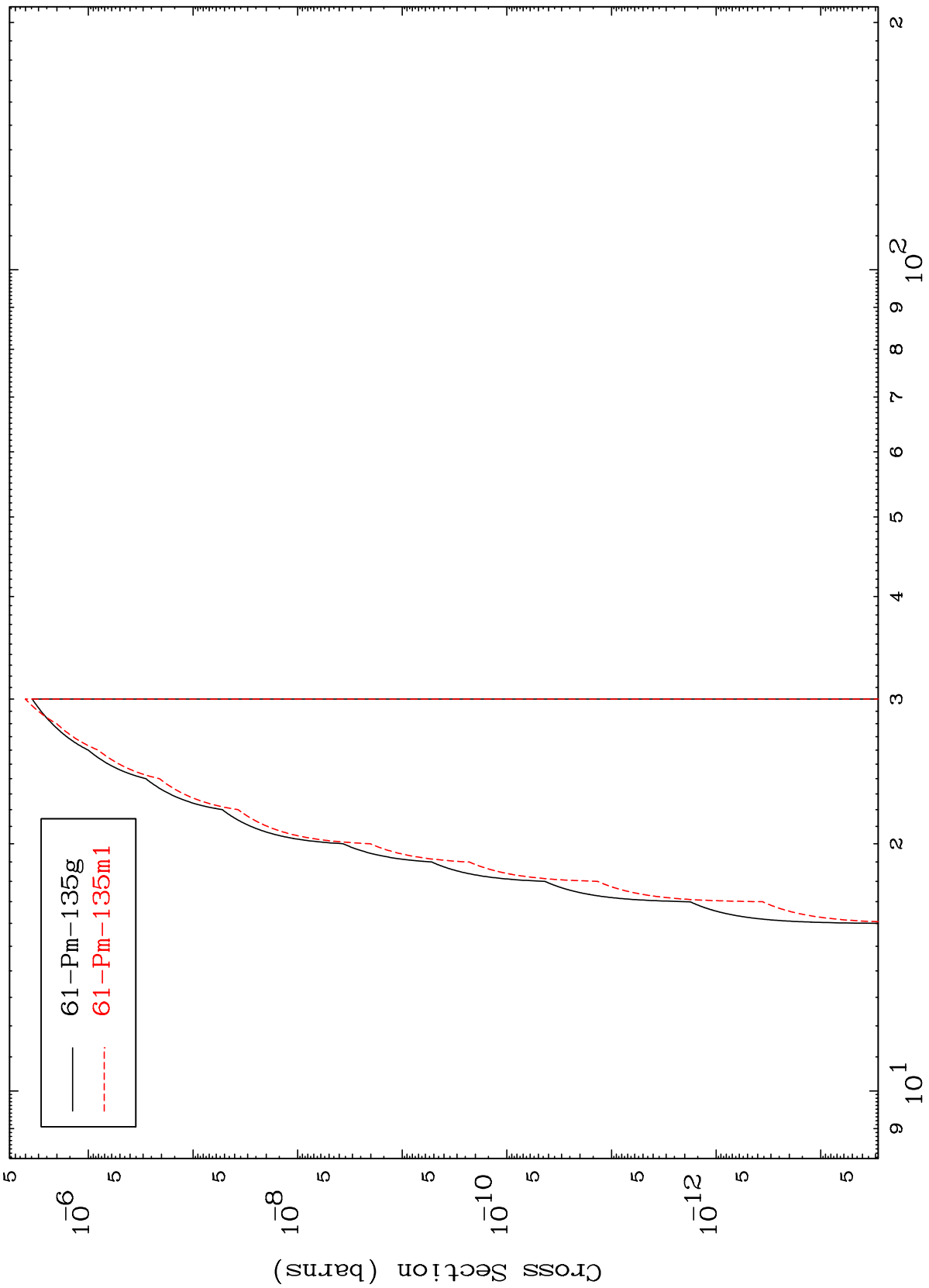


MAT 6123

(He-3,2n)  $\alpha$

61-Pm-138

Radionuclide Production Cross Section



13

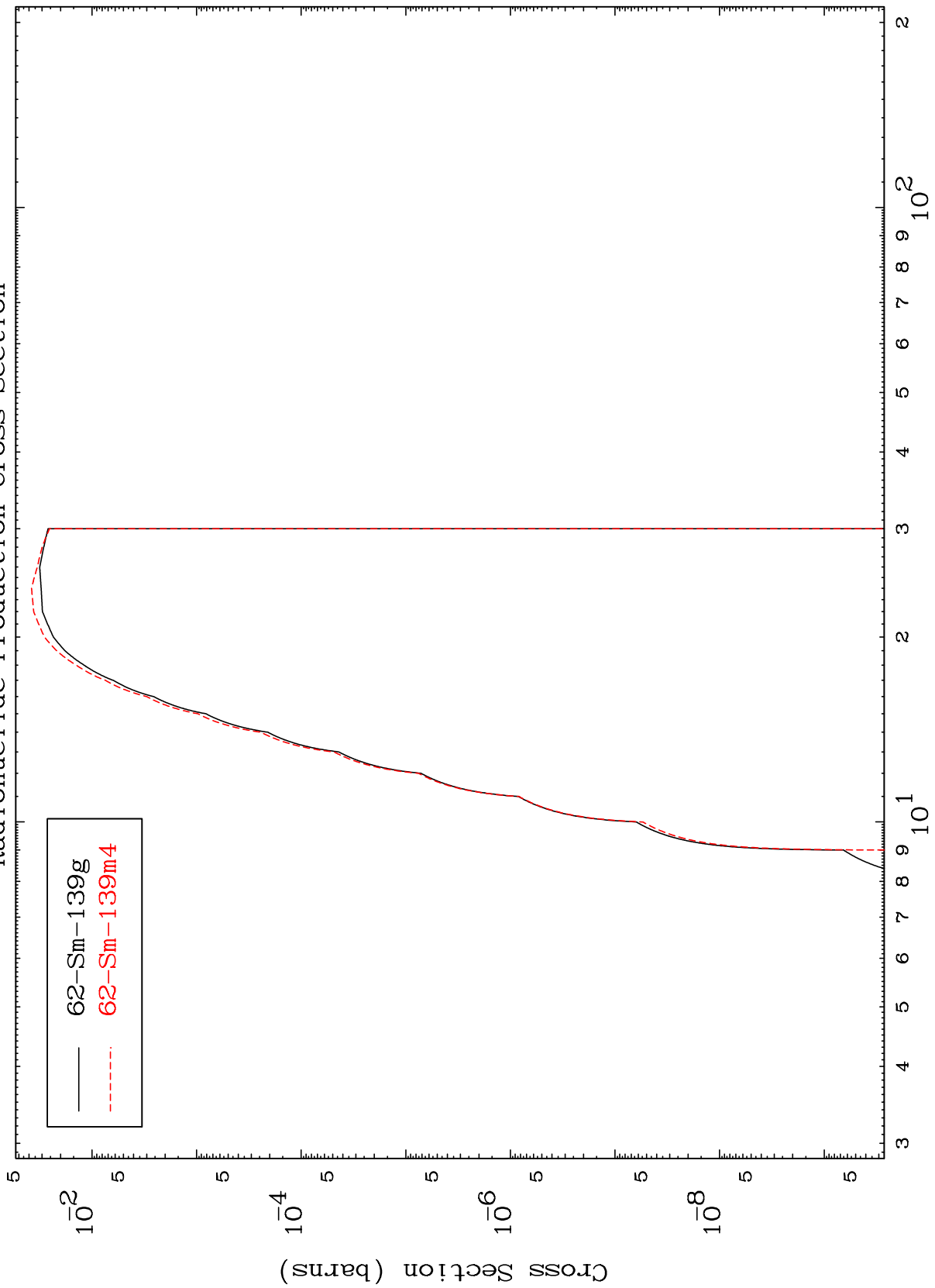
Incident Energy (MeV)

61-Pm-138

MAT 6123

61-Pm-138

(He-3, n') p  
Radionuclide Production Cross Section



61-Pm-138

Incident Energy (MeV)

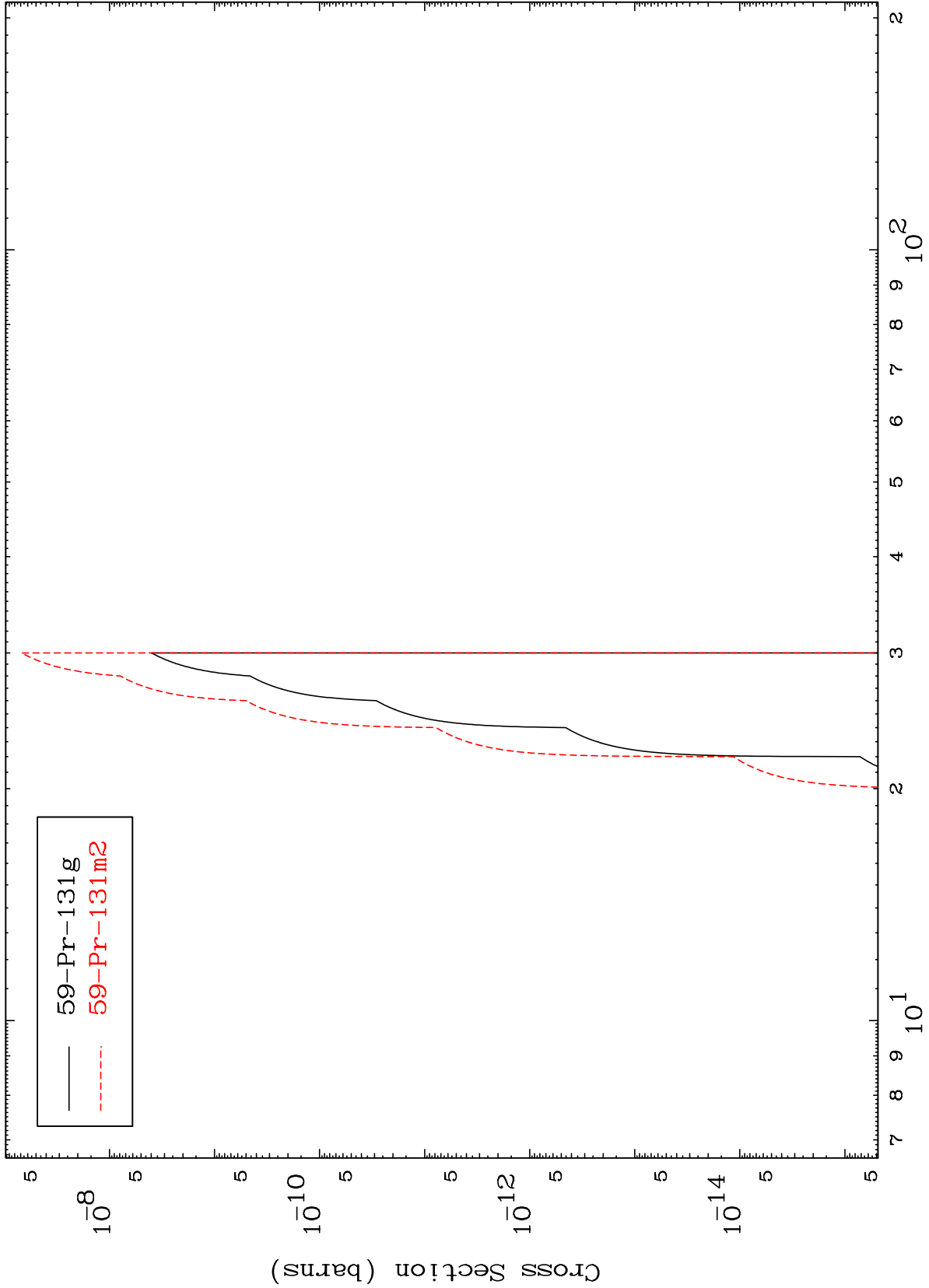
14

MAT 6123

(He-3,2n) 2α

61-Pm-138

Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-138

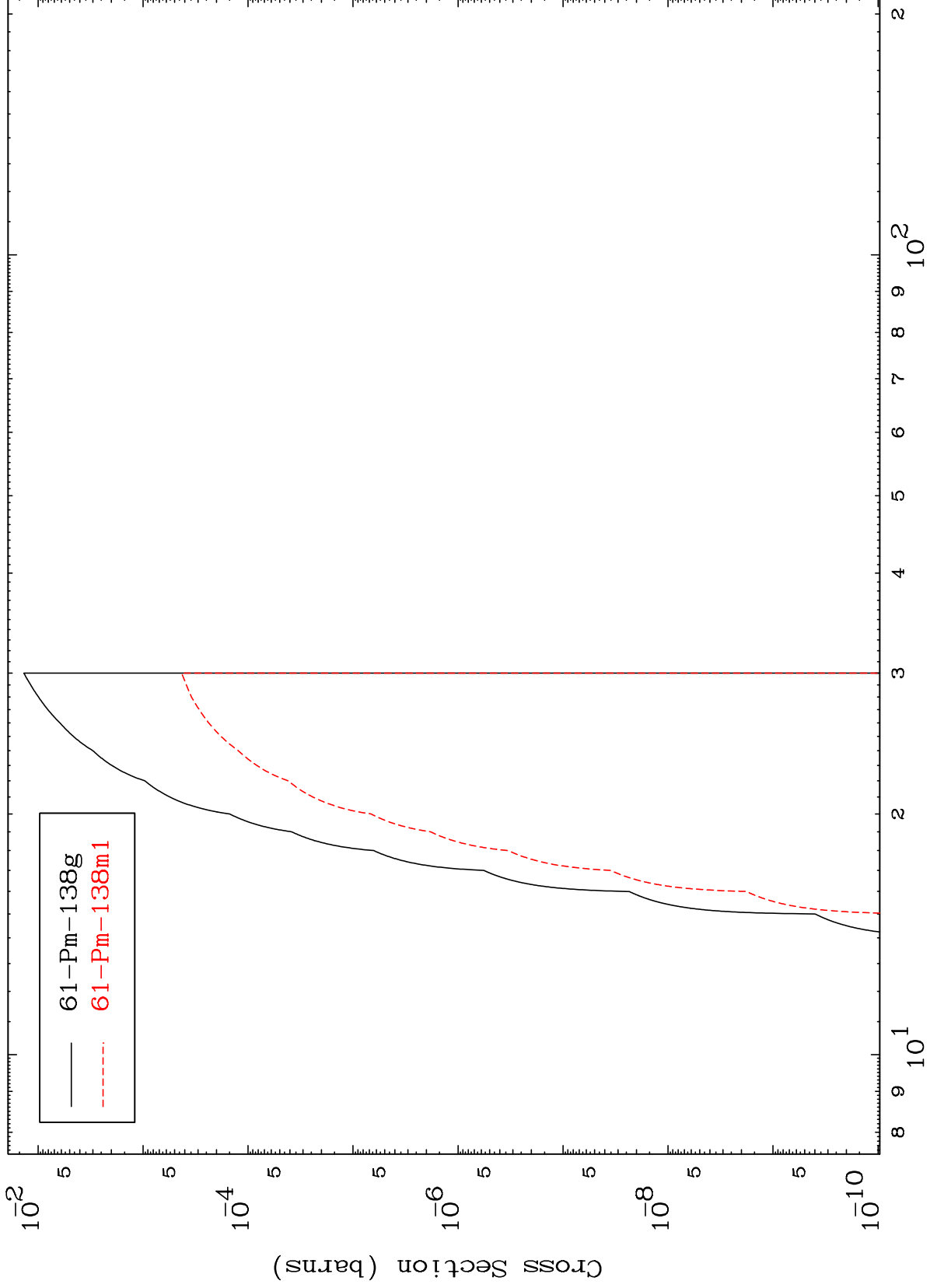


MAT 6123

(He-3,2n) p

61-Pm-138

Radionuclide Production Cross Section



16

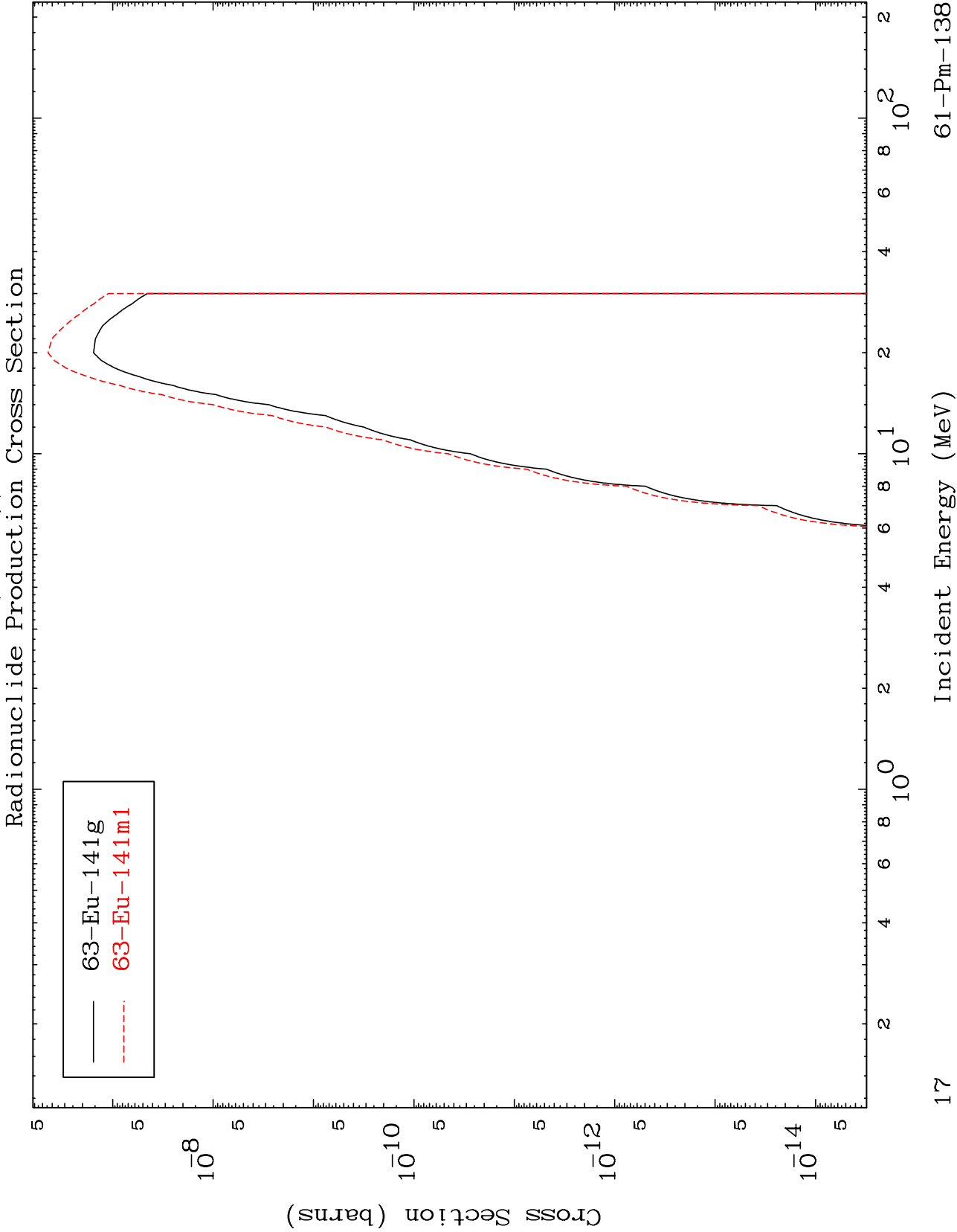
Incident Energy (MeV)

61-Pm-138

MAT 6123

(He-3,  $\gamma$ )

61-Pm-138

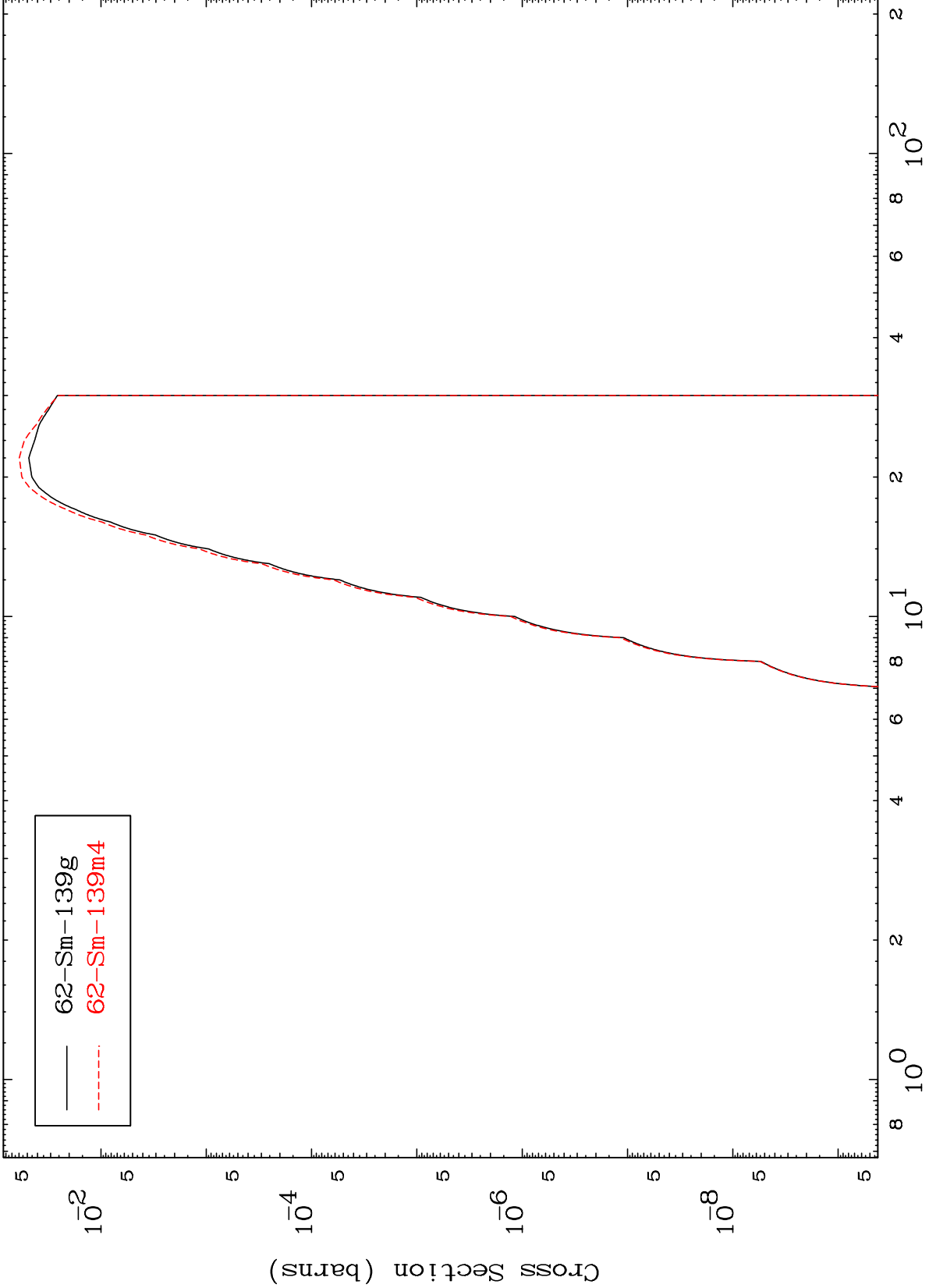


MAT 6123

(He-3, d)

61-Pm-138

Radionuclide Production Cross Section



62-Sm-139g  
62-Sm-139m4

18

Incident Energy (MeV)

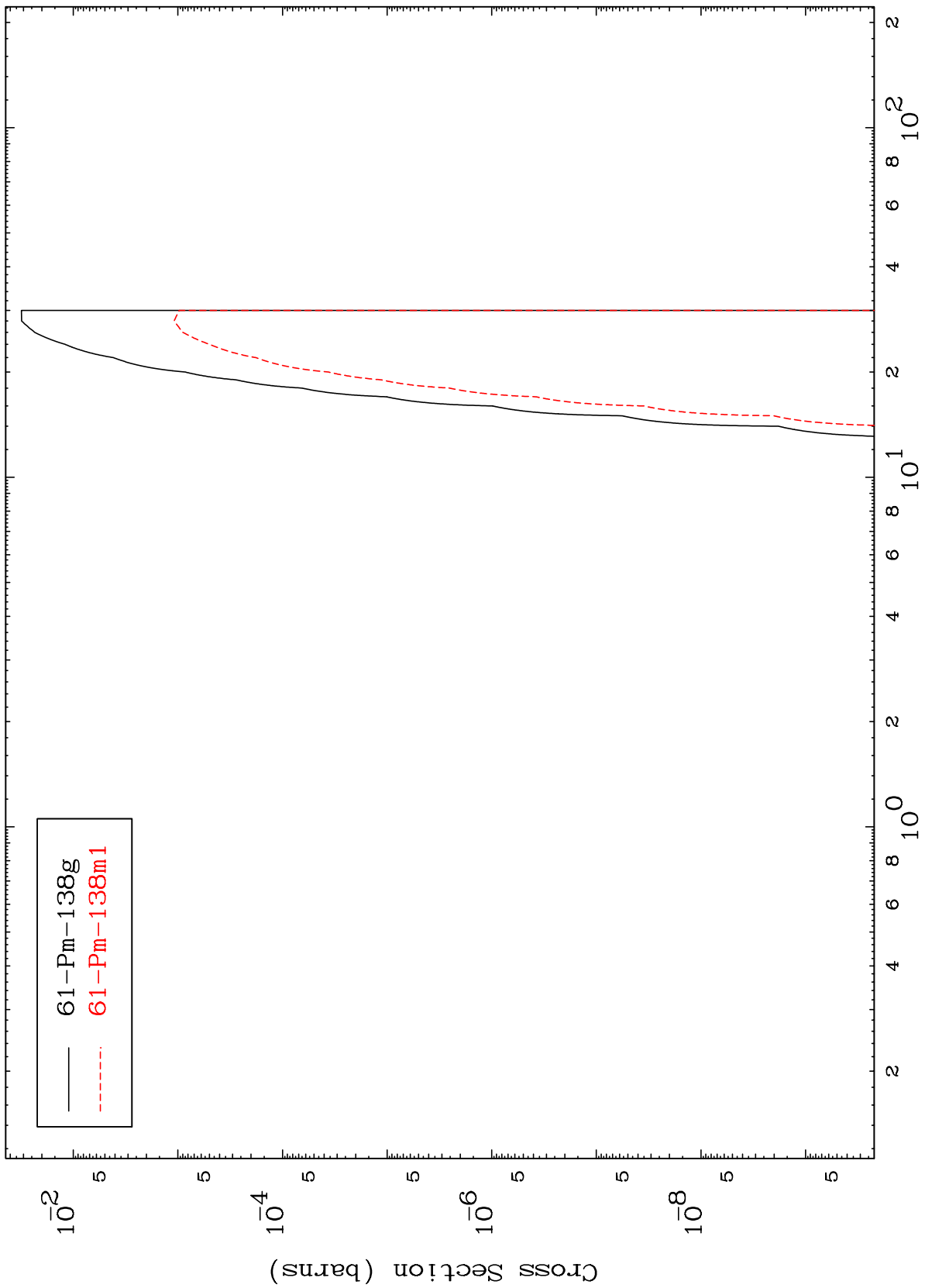
61-Pm-138

MAT 6123

(He-3, He-3)

61-Pm-138

Radionuclide Production Cross Section



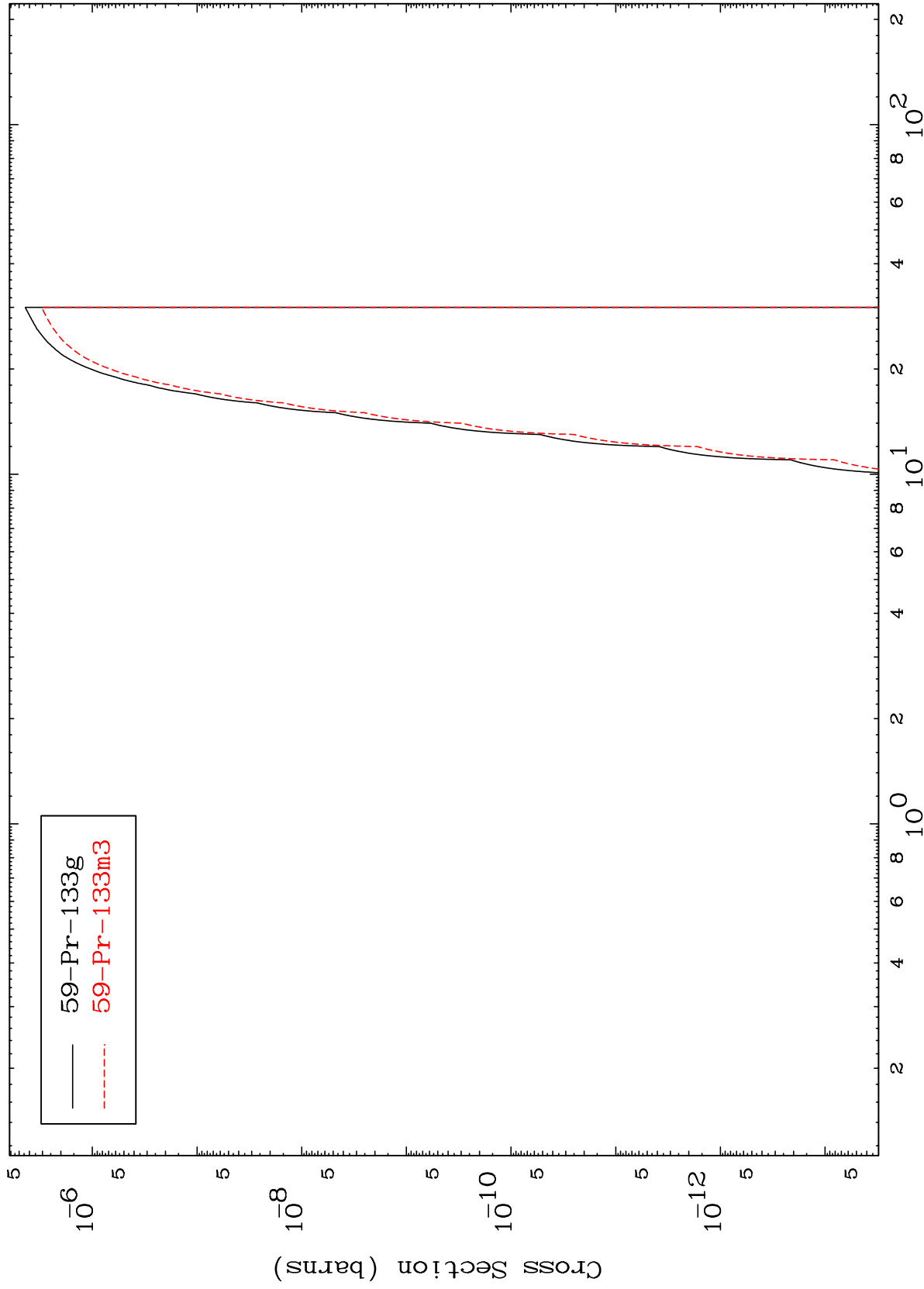
61-Pm-138g  
61-Pm-138m1

MAT 6123

(He-3, 2α)

61-Pm-138

Radionuclide Production Cross Section



20

Incident Energy (MeV)

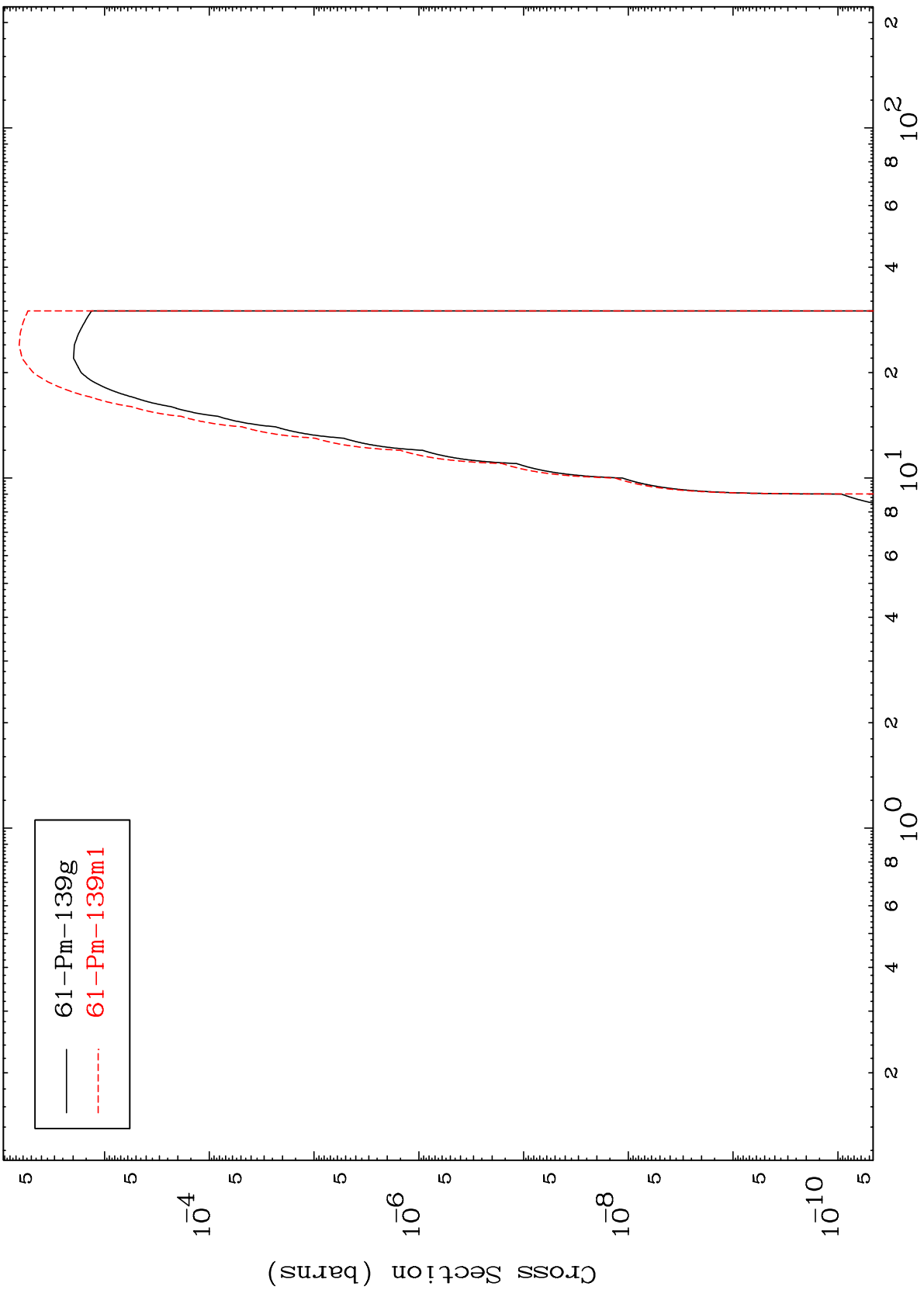
61-Pm-138

MAT 6123

(He-3,2p)

61-Pm-138

Radionuclide Production Cross Section



61-Pm-139g  
61-Pm-139m1

MAT 6123

(He-3, p) d

61-Pm-138

