

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

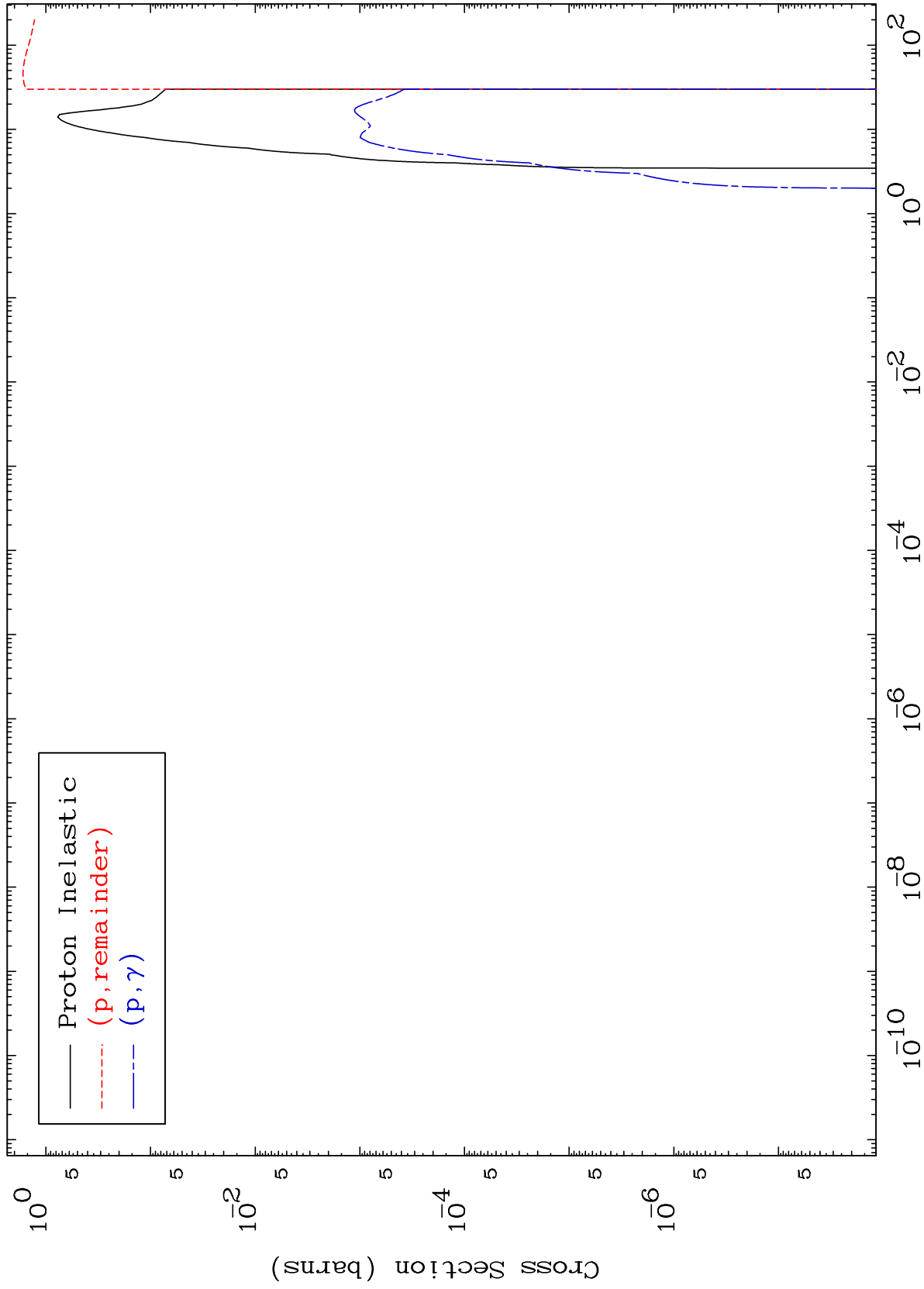
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6228

Proton Major  
0 Kelvin Cross Sections

62-Sm-145



1

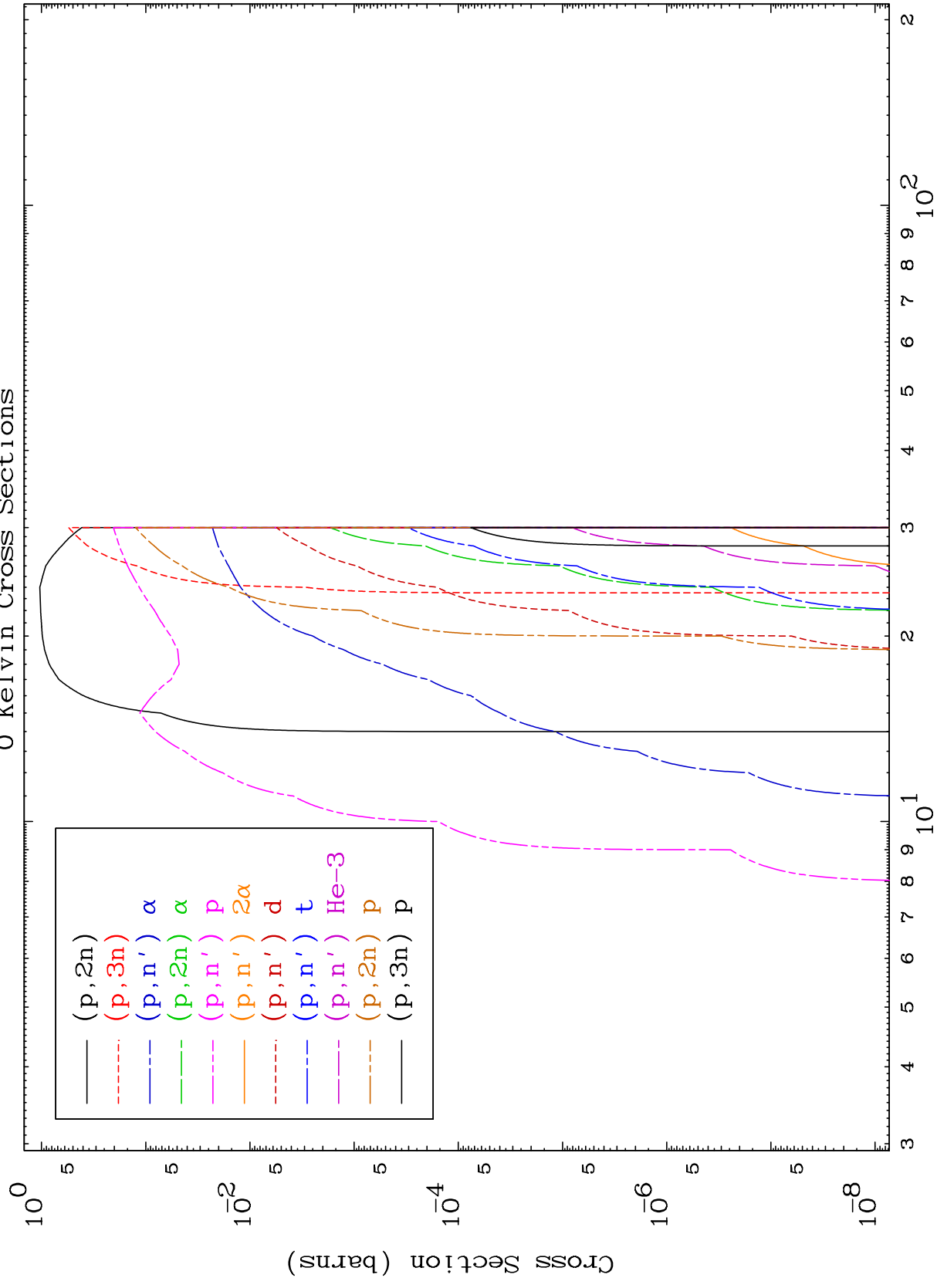
Incident Energy (MeV)

62-Sm-145

MAT 6228

Proton Neutron Production  
0 Kelvin Cross Sections

62-Sm-145



2

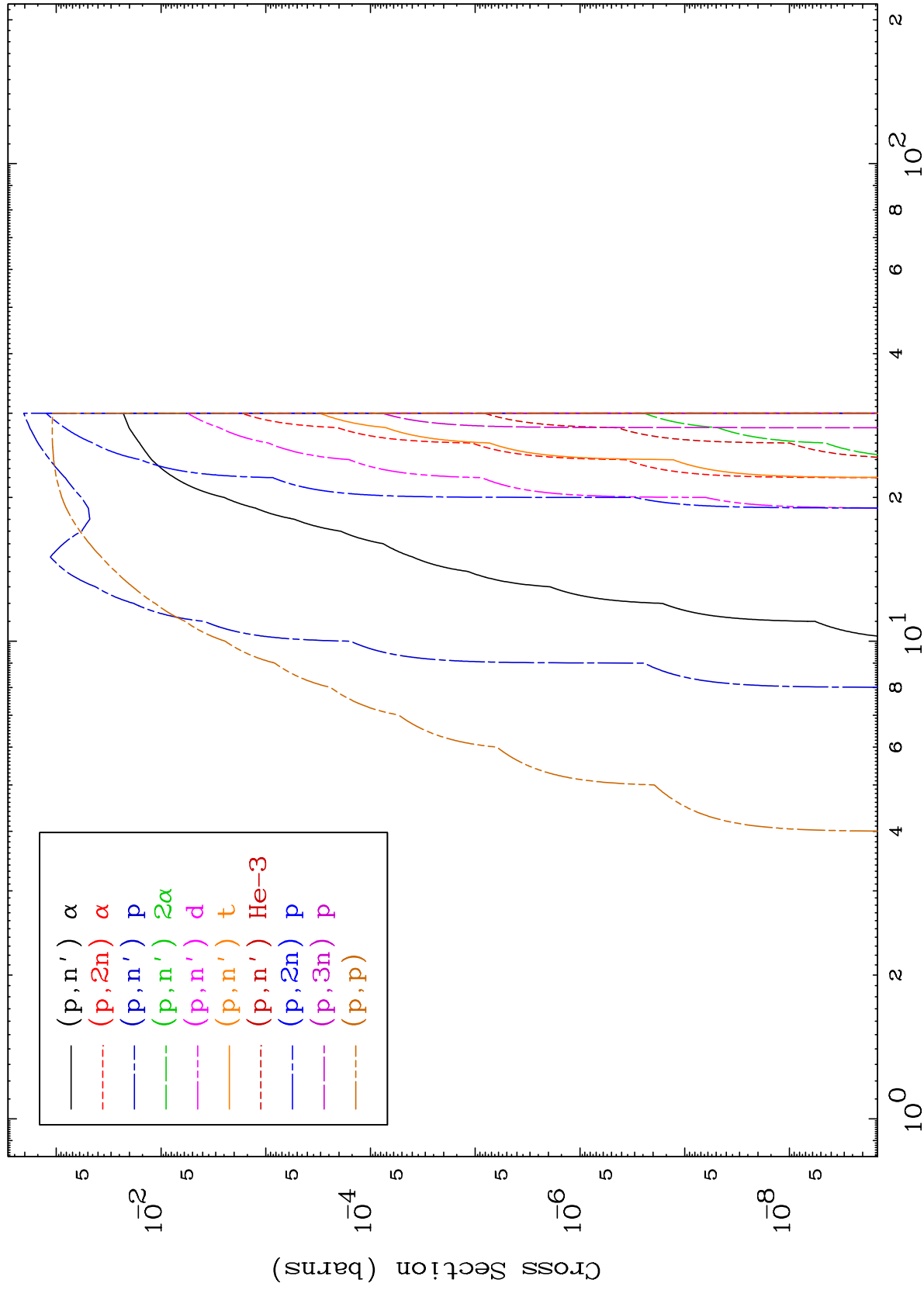
Incident Energy (MeV)

62-Sm-145

MAT 6228

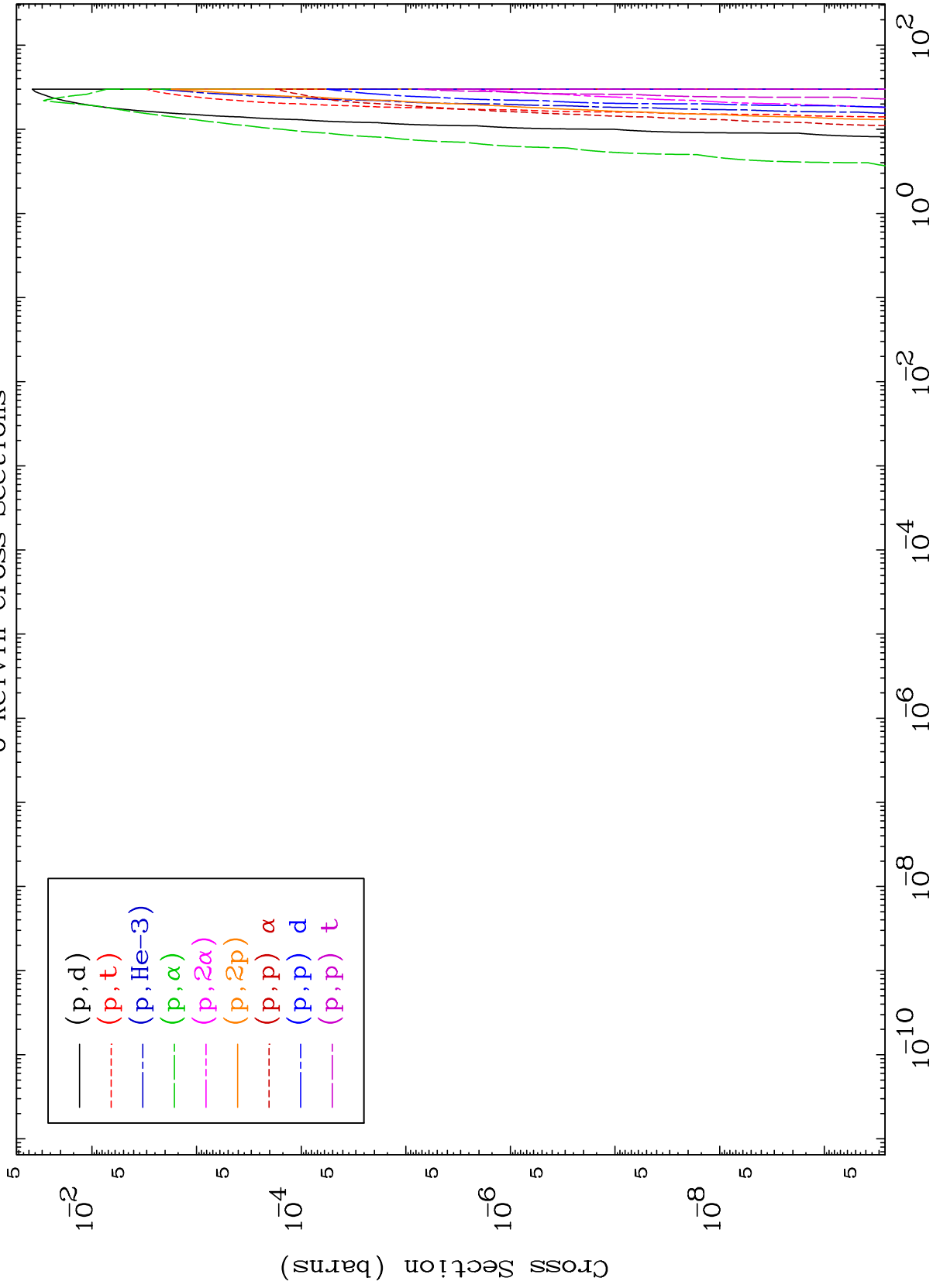
Proton Charged Particle  
0 Kelvin Cross Sections

62-Sm-145



Incident Energy (MeV)

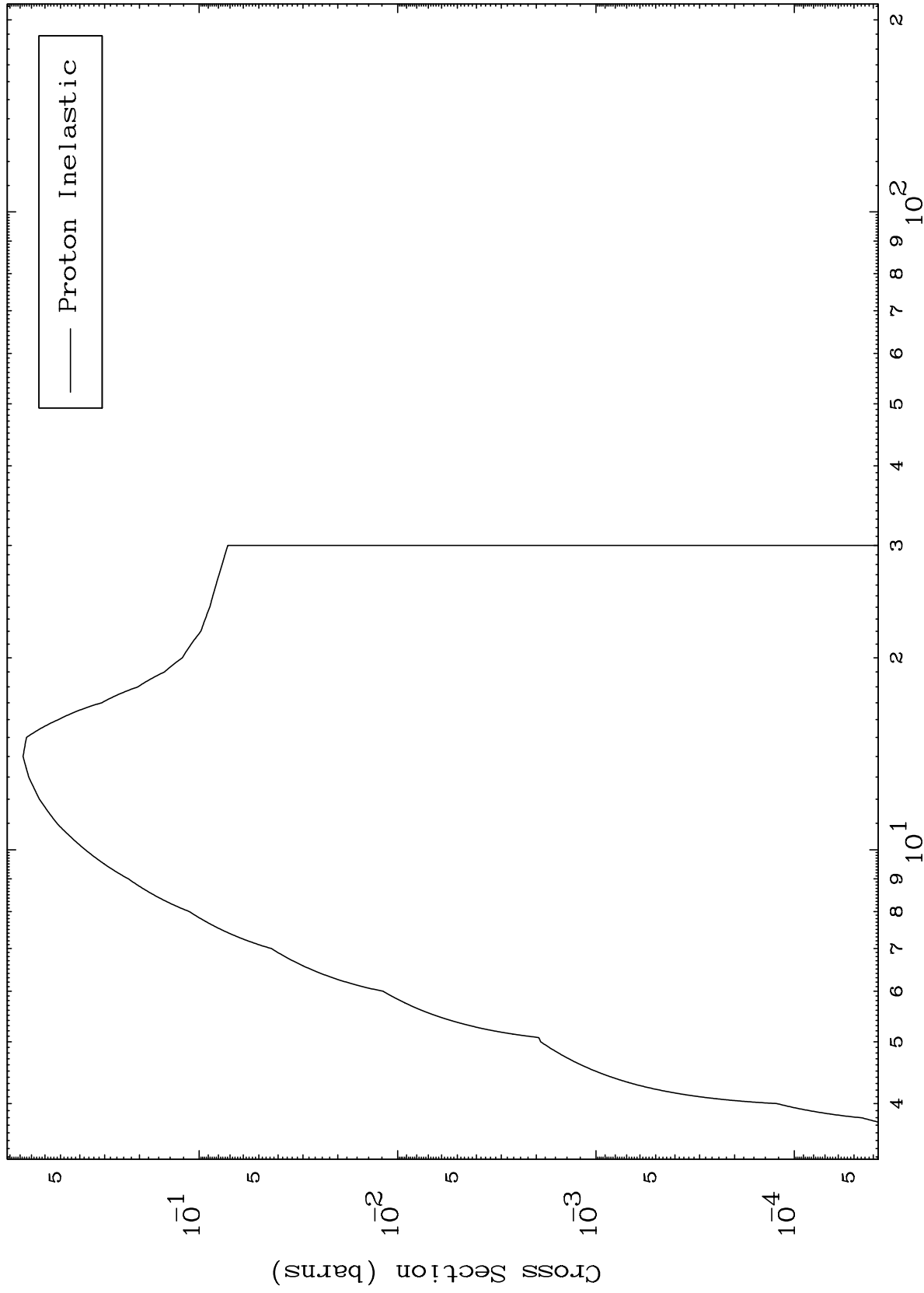
62-Sm-145



MAT 6228

62-Sm-145

(p,n') Level  
0 Kelvin Cross Sections



5

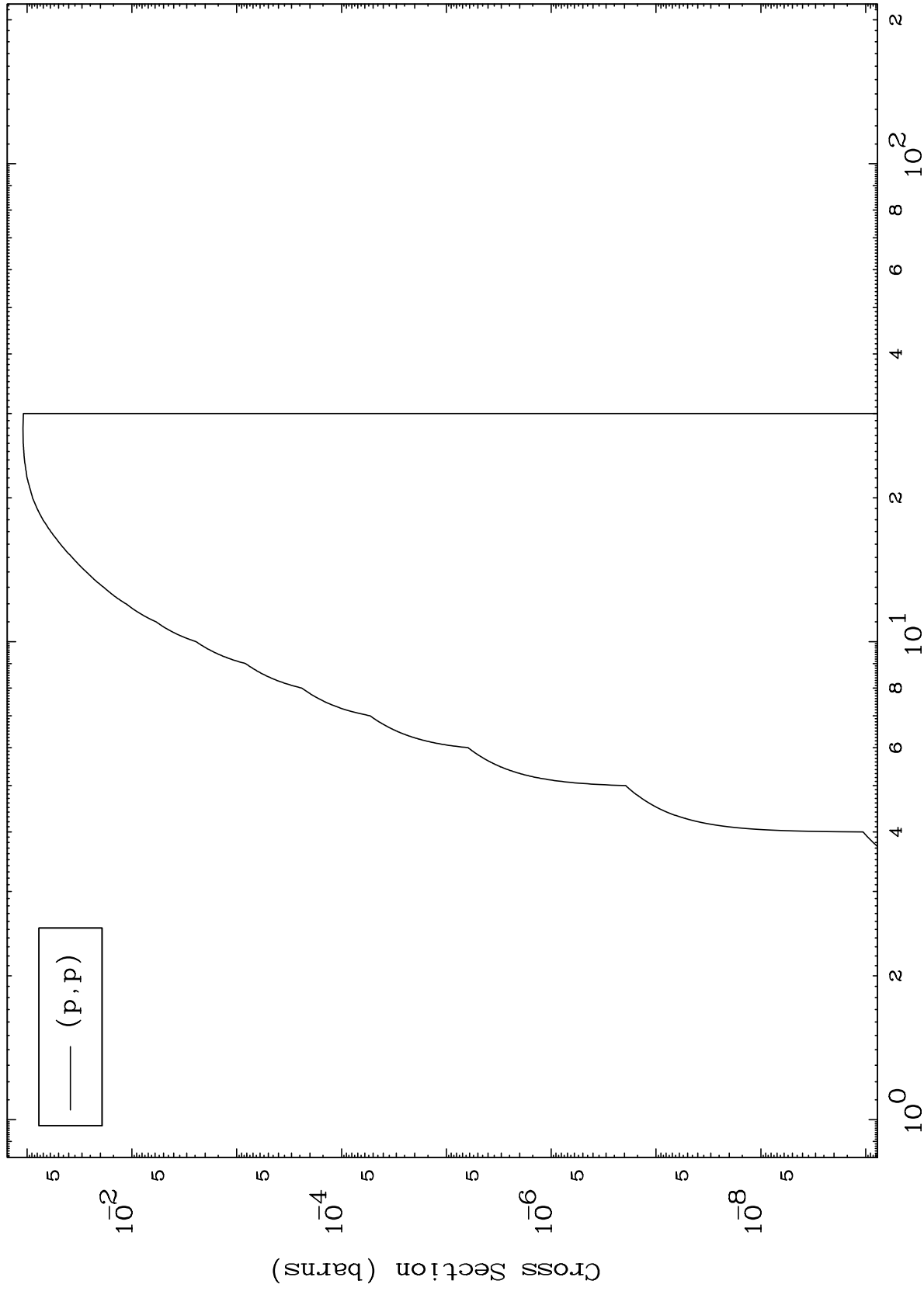
Incident Energy (MeV)

62-Sm-145

MAT 6228

62-Sm-145

(p,p) Levels  
0 Kelvin Cross Sections



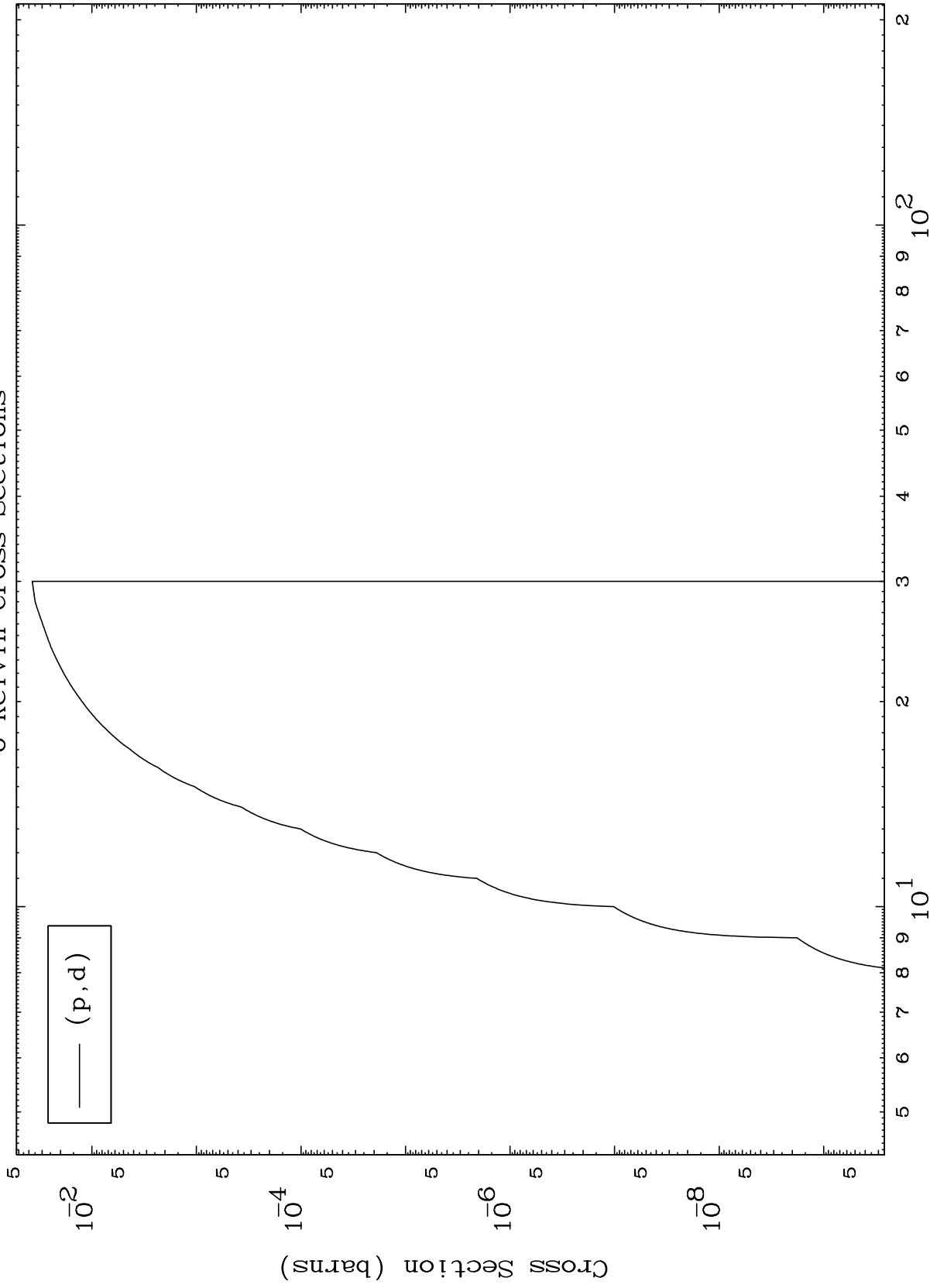
62-Sm-145

Incident Energy (MeV)

MAT 6228

62-Sm-145

(p,d) Levels  
0 Kelvin Cross Sections



7

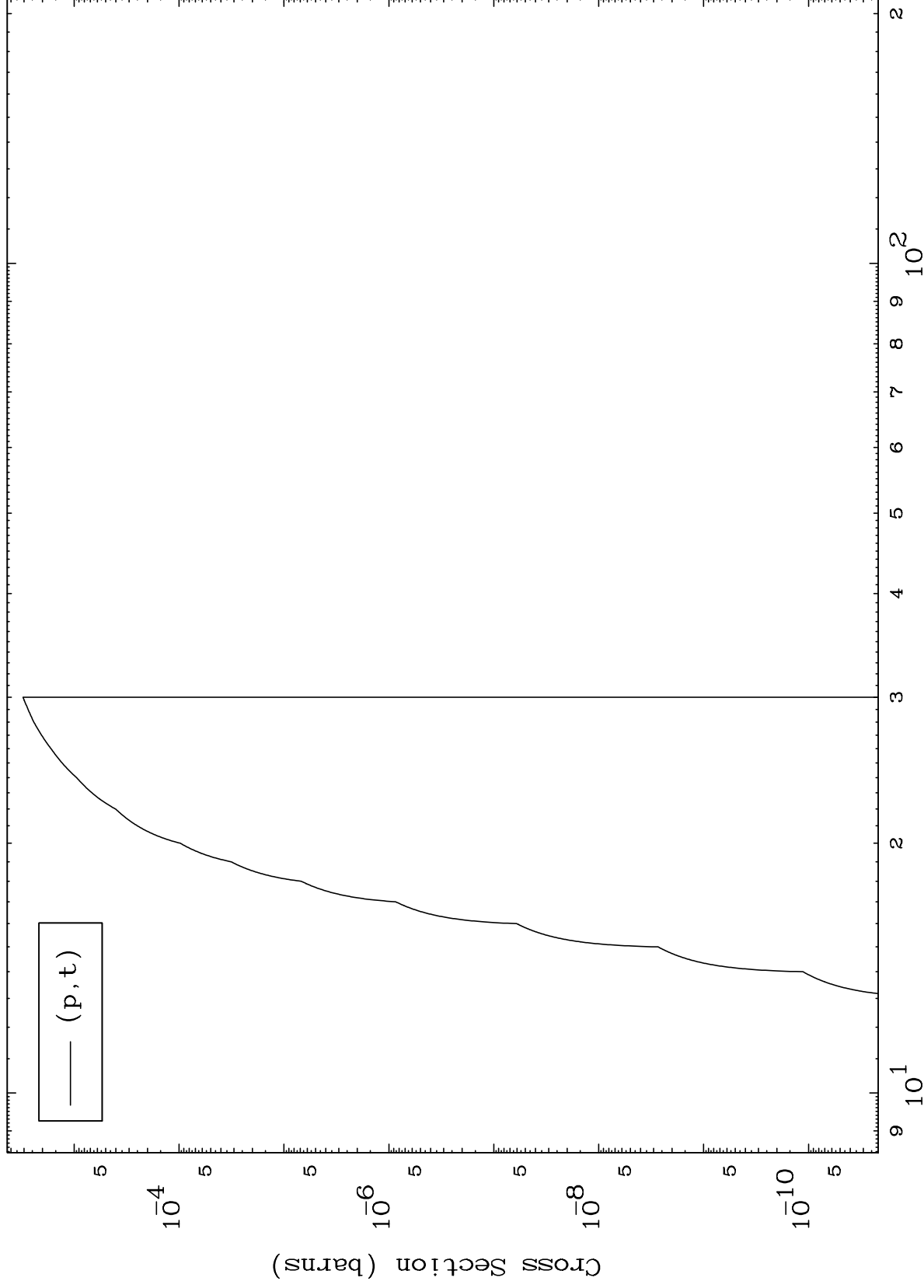
Incident Energy (MeV)

62-Sm-145

MAT 6228

62-Sm-145

(p,t) Levels  
0 Kelvin Cross Sections



8

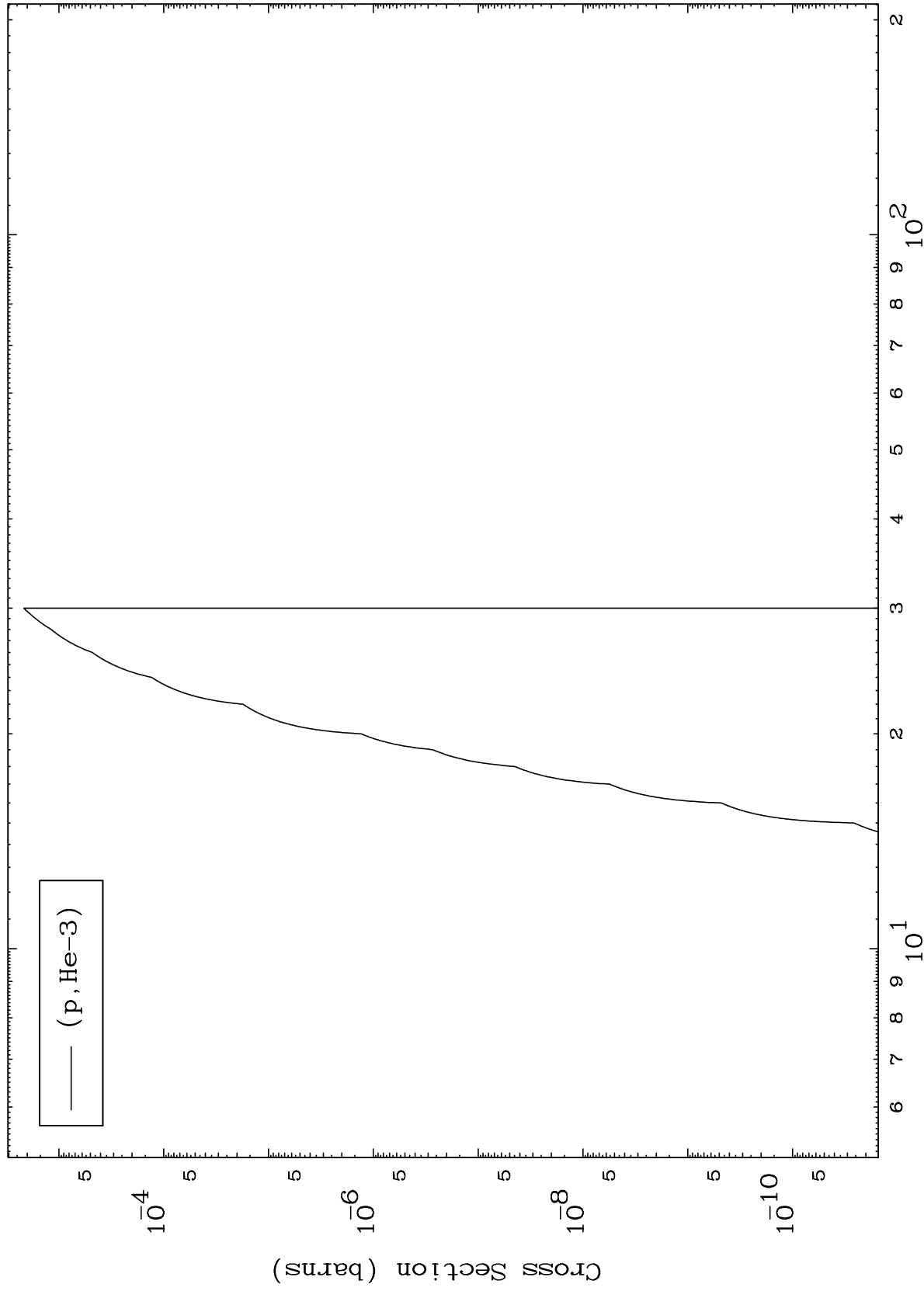
Incident Energy (MeV)

62-Sm-145

MAT 6228

62-Sm-145

(p,He3) Levels  
0 Kelvin Cross Sections



9

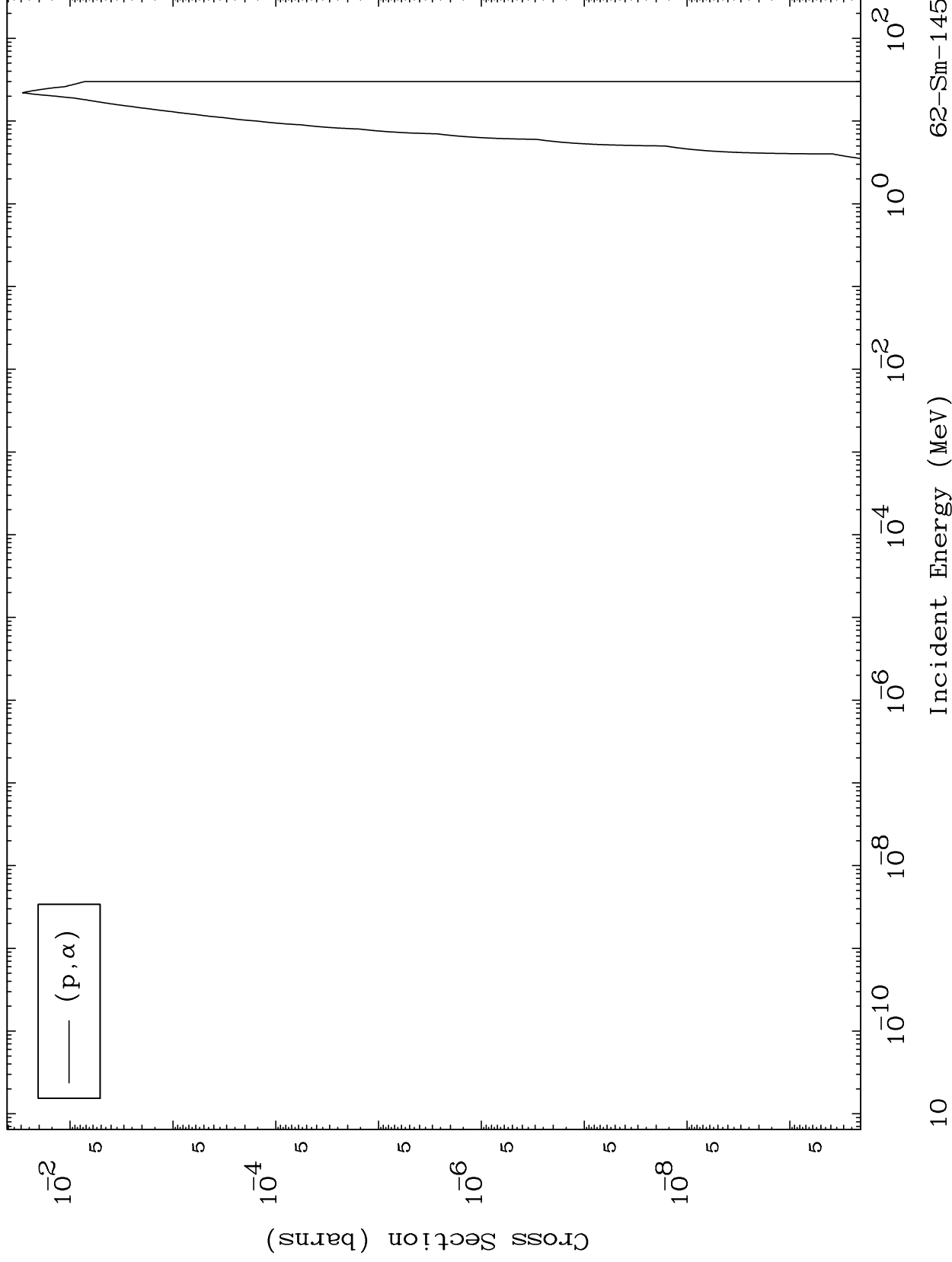
Incident Energy (MeV)

62-Sm-145

MAT 6228

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

62-Sm-145

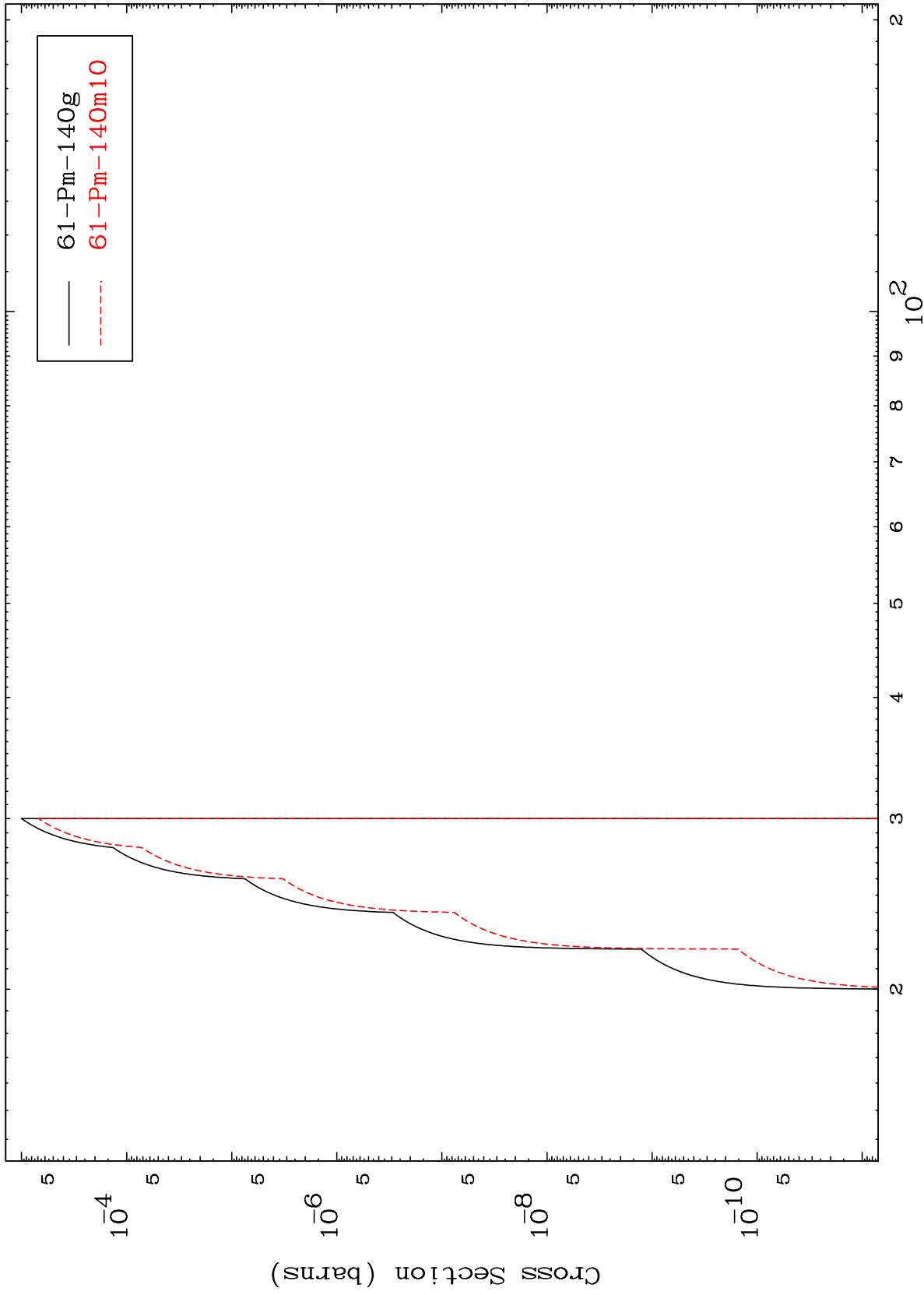


MAT 6228

(p,2n)  $\alpha$

62-Sm-145

Radionuclide Production Cross Section



11

Incident Energy (MeV)

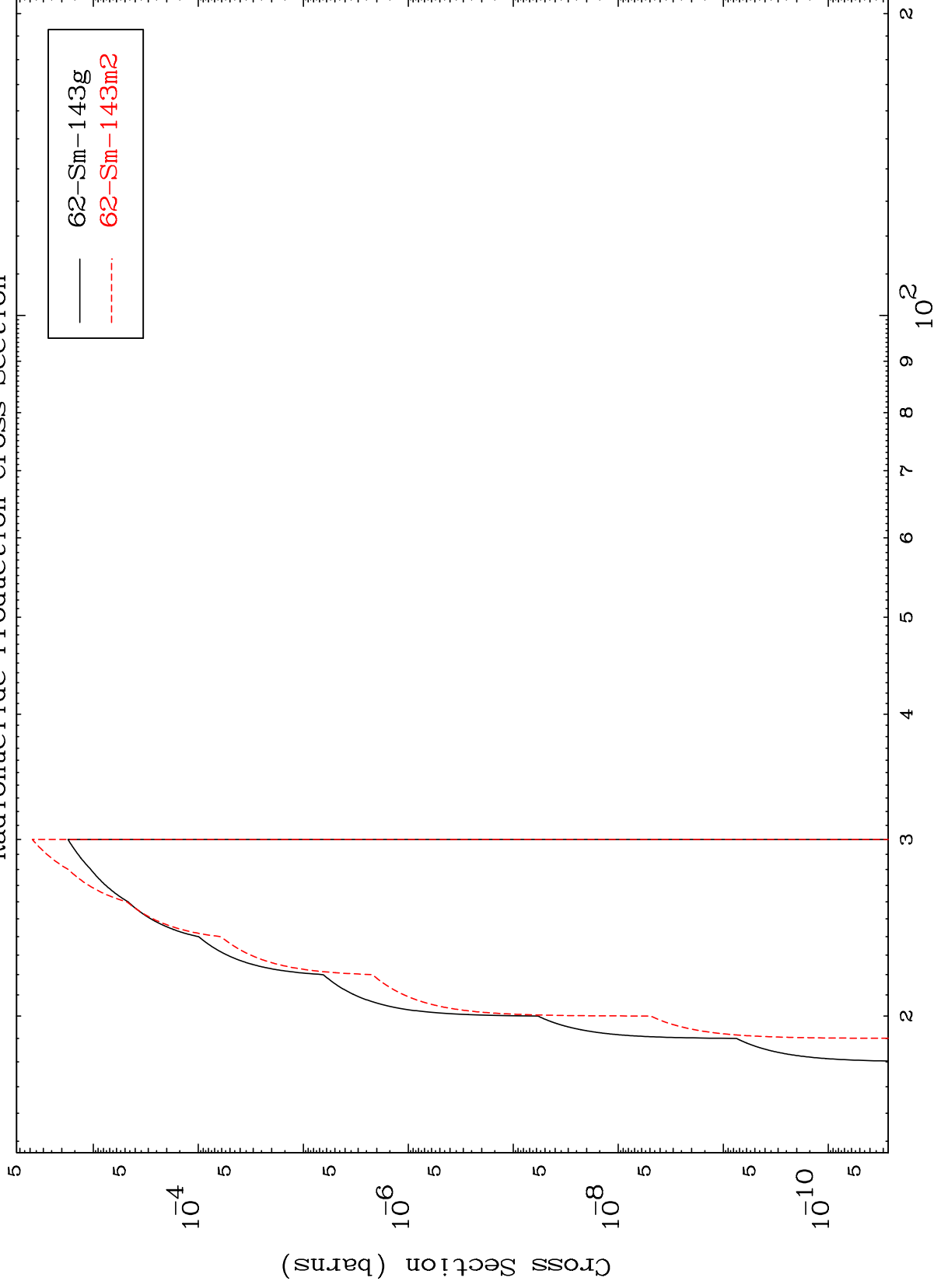
62-Sm-145

MAT 6228

(p,n') d

62-Sm-145

Radionuclide Production Cross Section



12

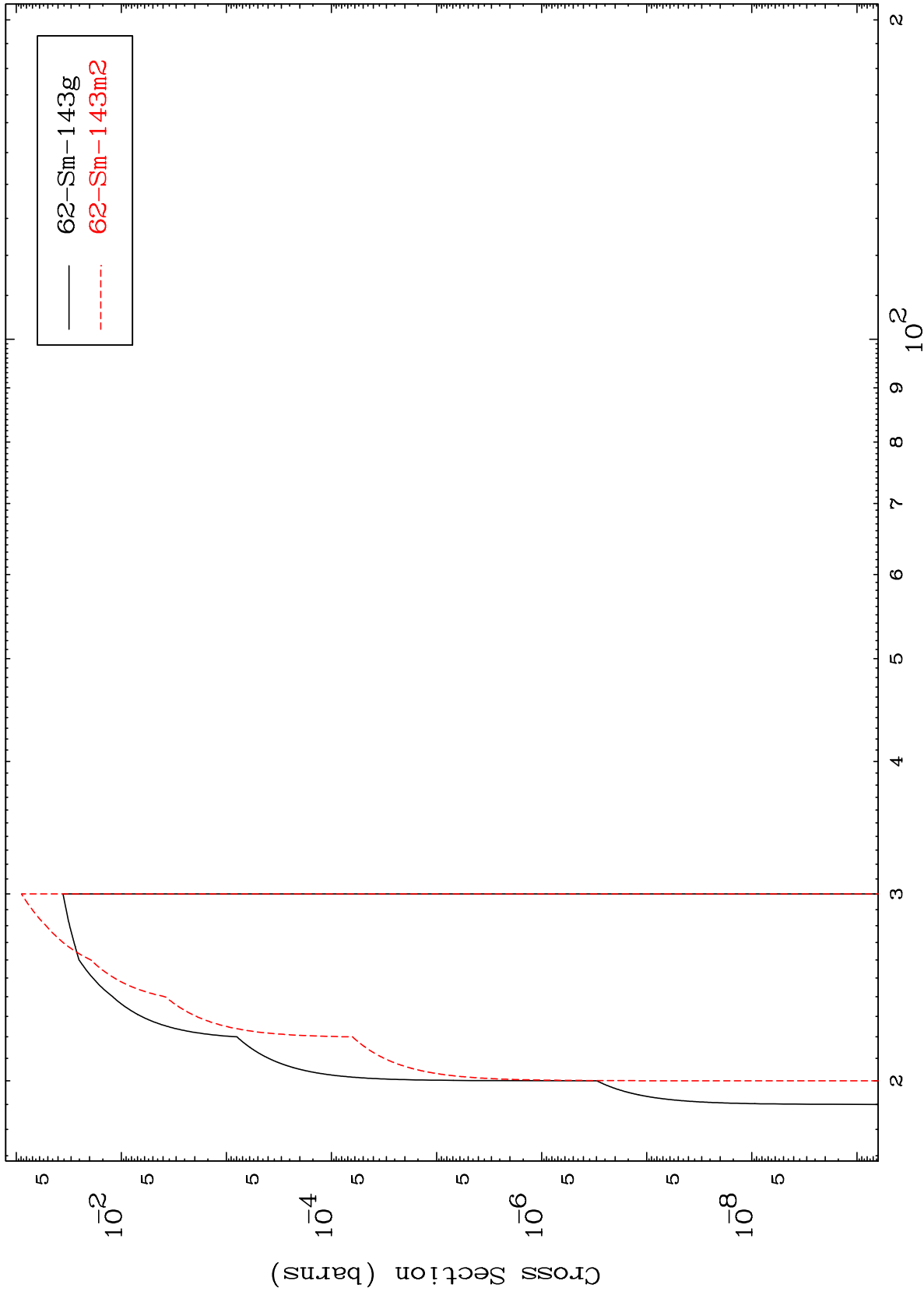
Incident Energy (MeV)

62-Sm-145

MAT 6228

62-Sm-145

(p,2n) p  
Radionuclide Production Cross Section



13

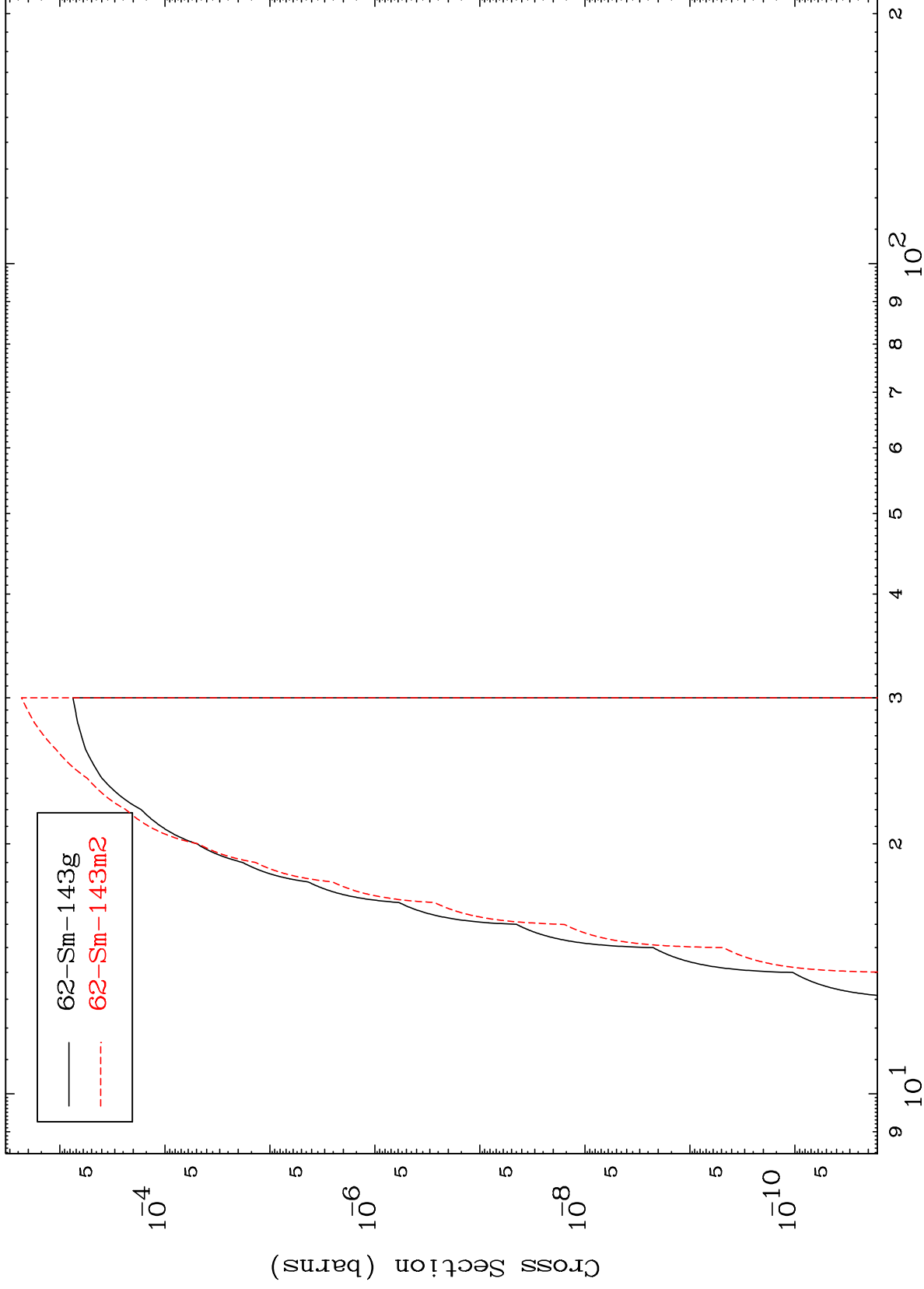
Incident Energy (MeV)

62-Sm-145

MAT 6228

62-Sm-145

Radionuclide Production Cross Section  
(p,t)



14

Incident Energy (MeV)

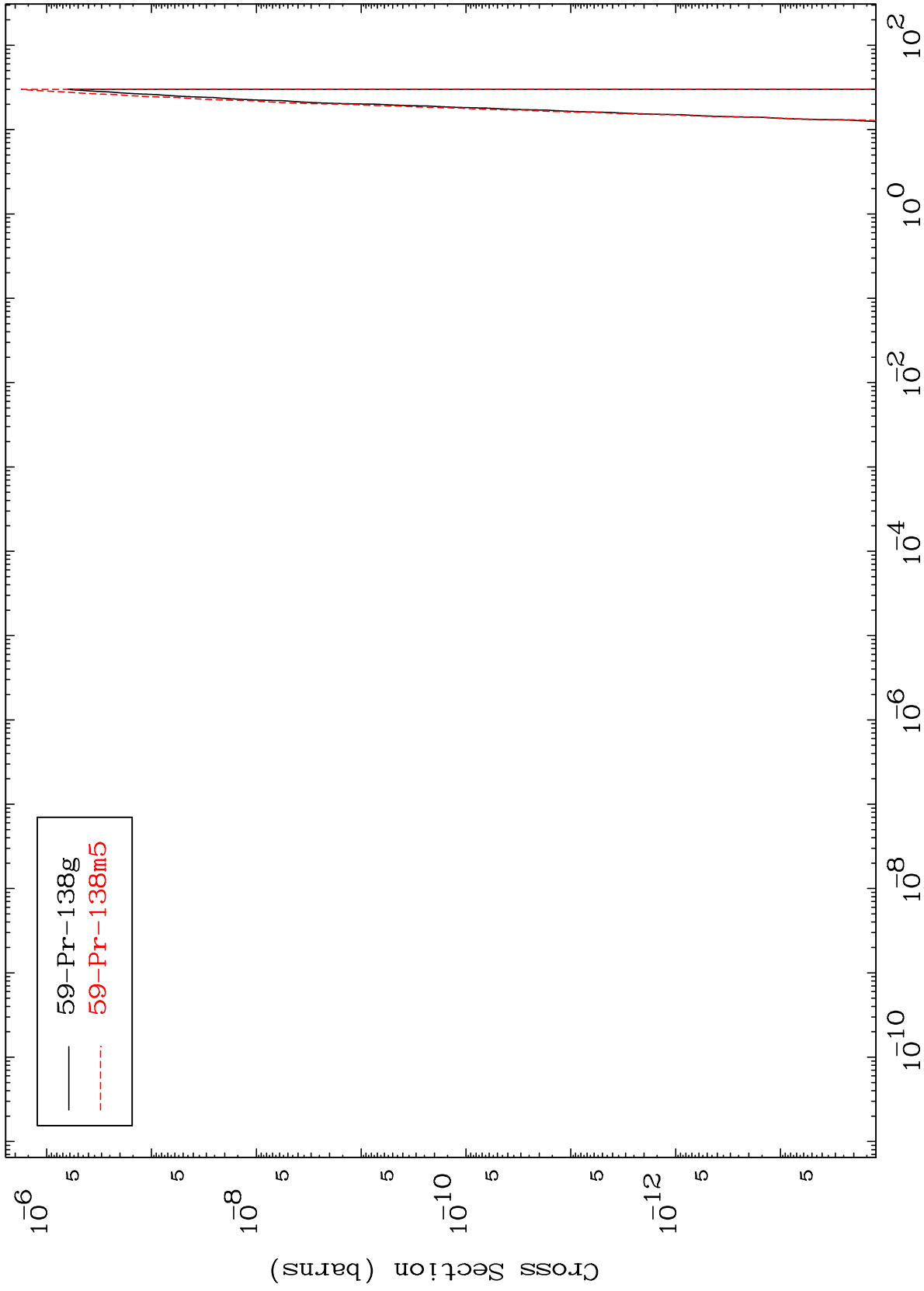
62-Sm-145

MAT 6228

(p,2α)

62-Sm-145

Radionuclide Production Cross Section



15

Incident Energy (MeV)

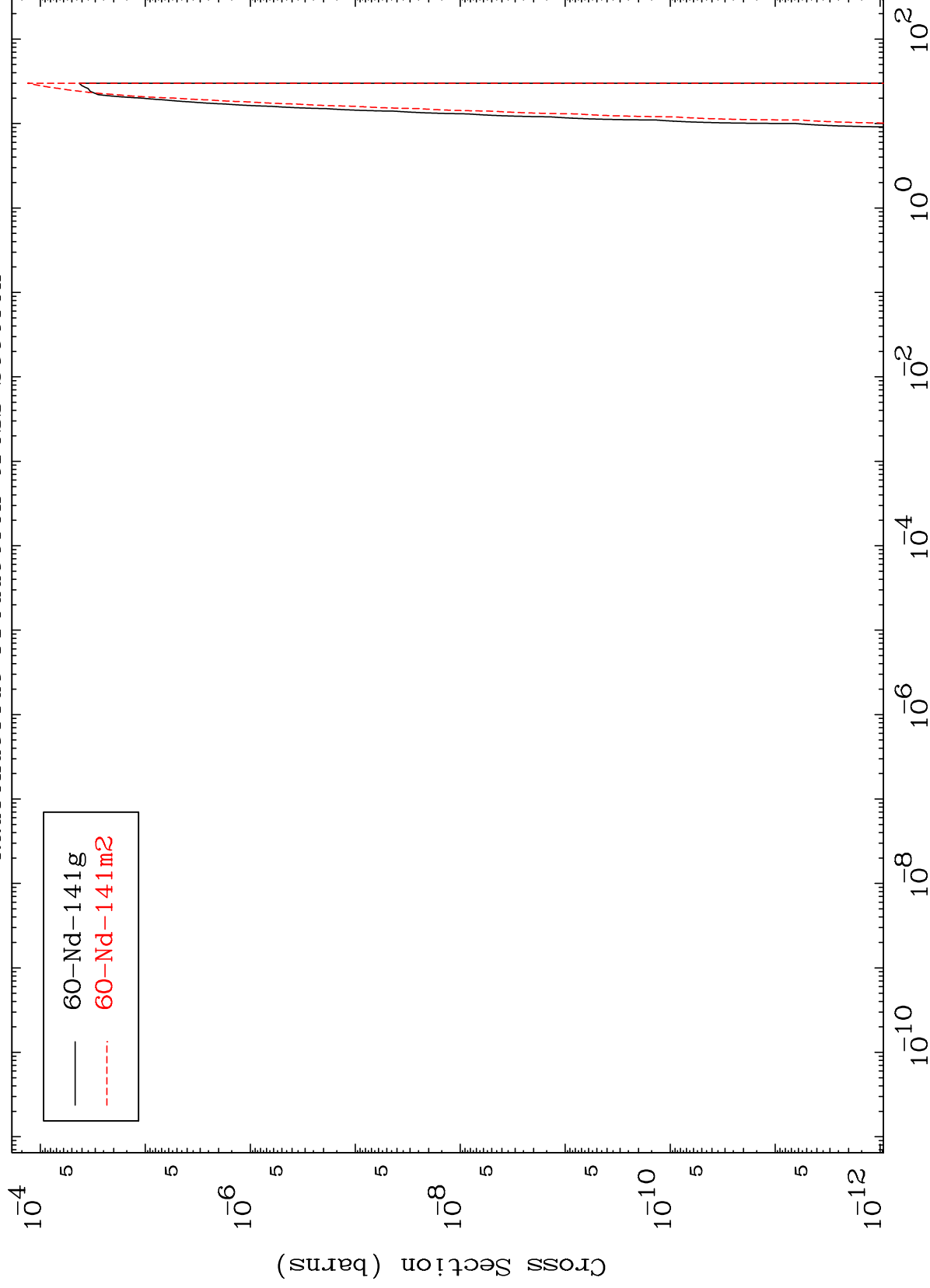
62-Sm-145

MAT 6228

(p,p)  $\alpha$

62-Sm-145

Radionuclide Production Cross Section



16

Incident Energy (MeV)

62-Sm-145