

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

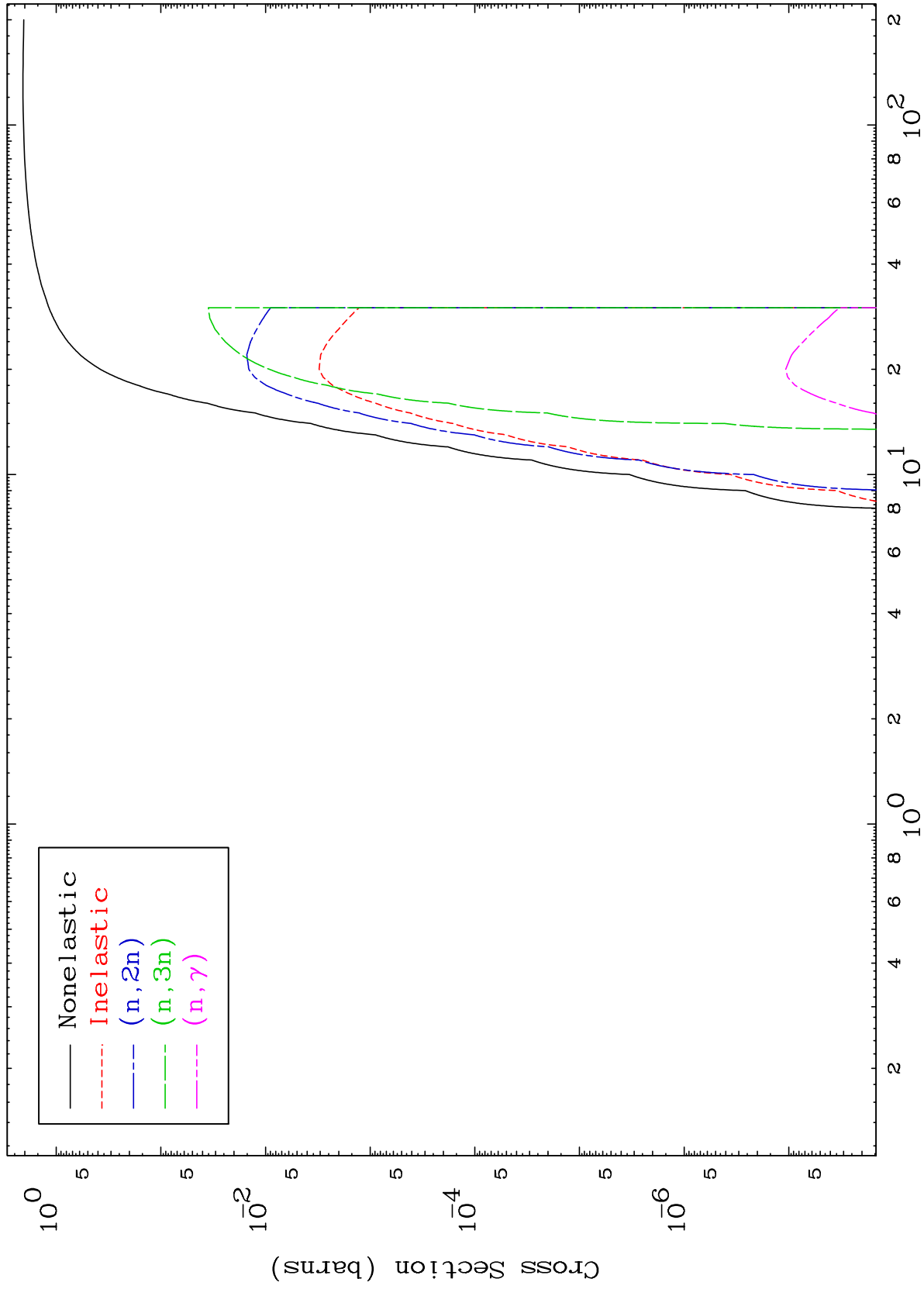
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6234

He-3 Major  
0 Kelvin Cross Sections

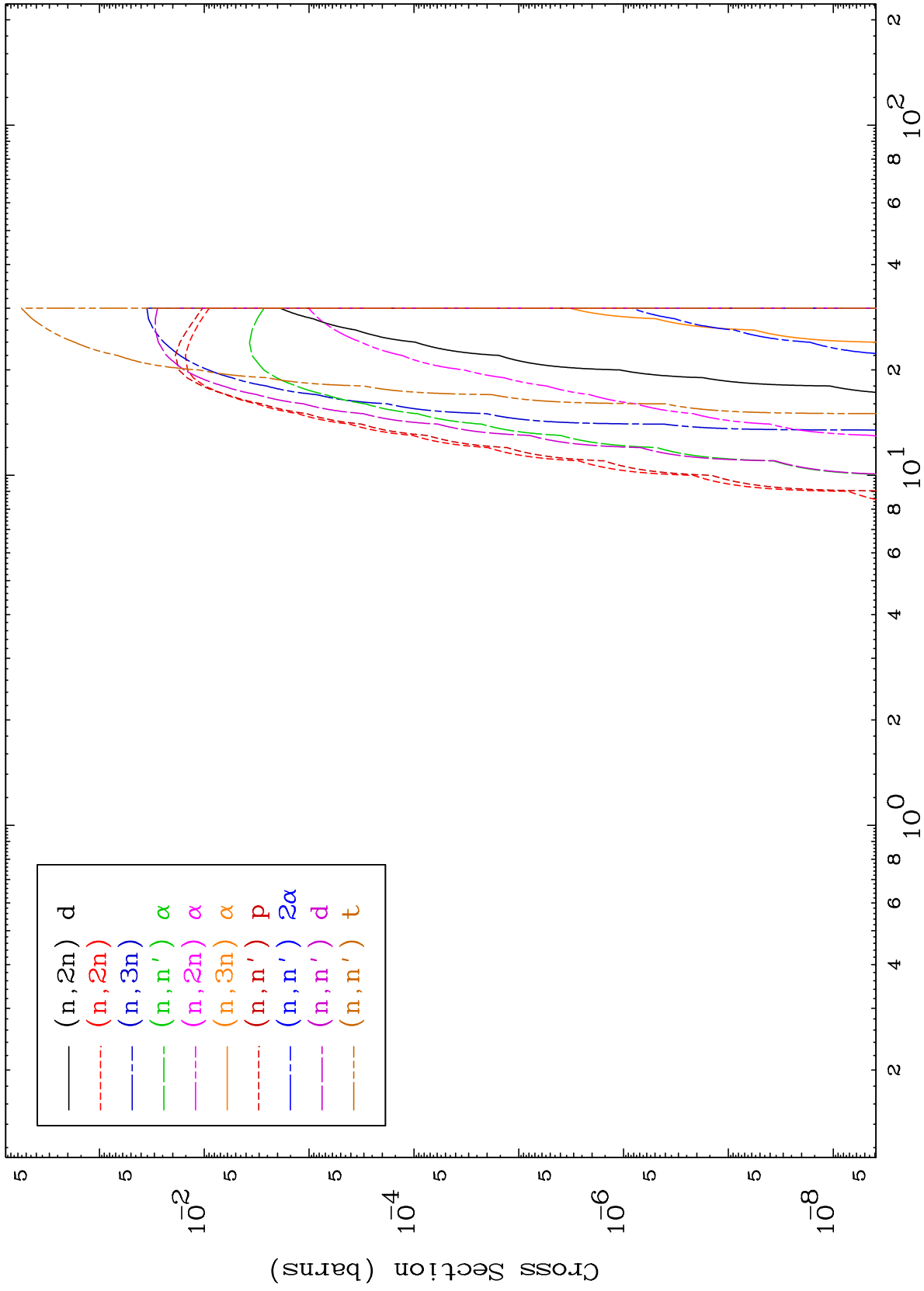
62-Sm-147



MAT 6234

He-3 Neutron Absorption  
0 Kelvin Cross Sections

62-Sm-147



2

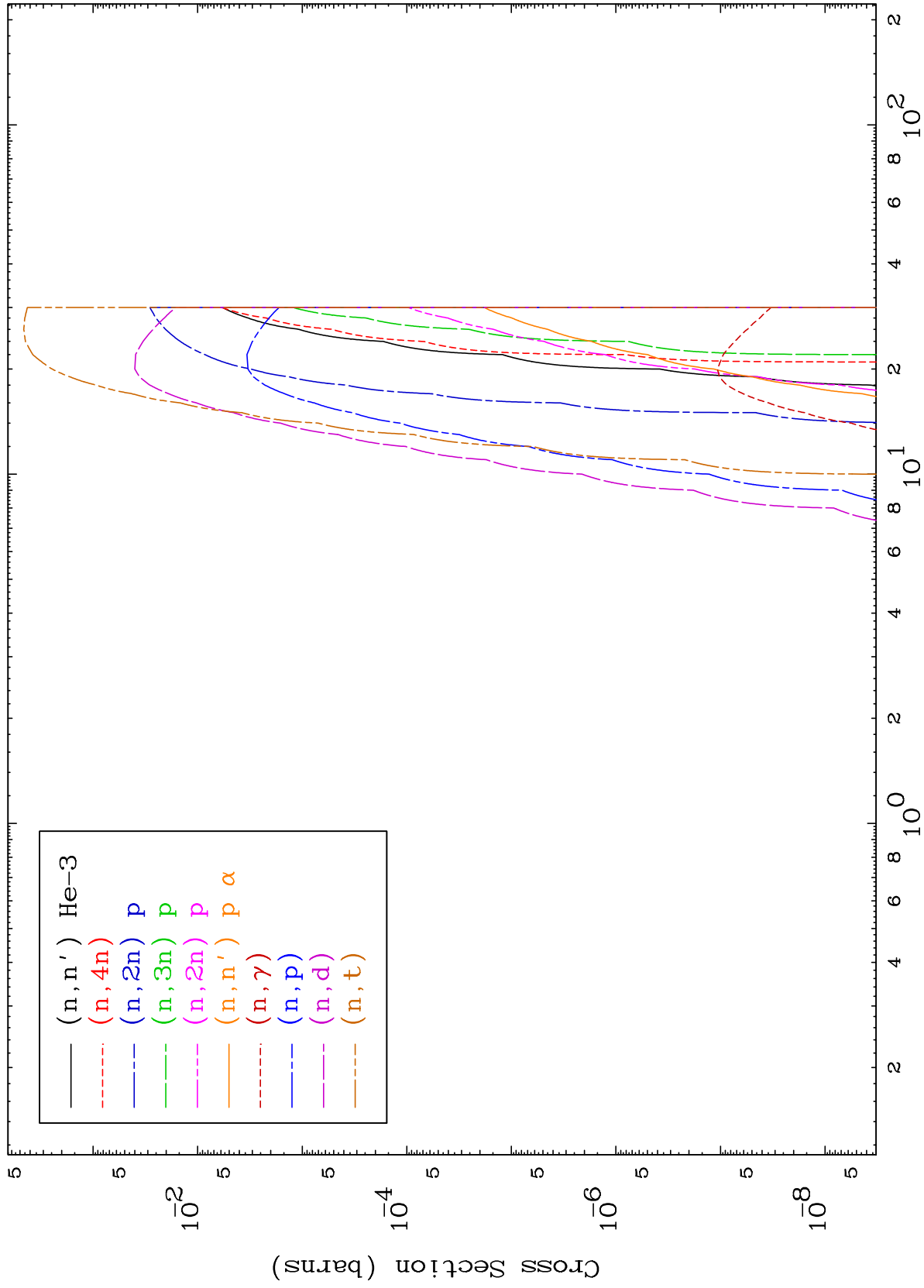
Incident Energy (MeV)

62-Sm-147

MAT 6234

He-3 Neutron Absorption  
0 Kelvin Cross Sections

62-Sm-147



3

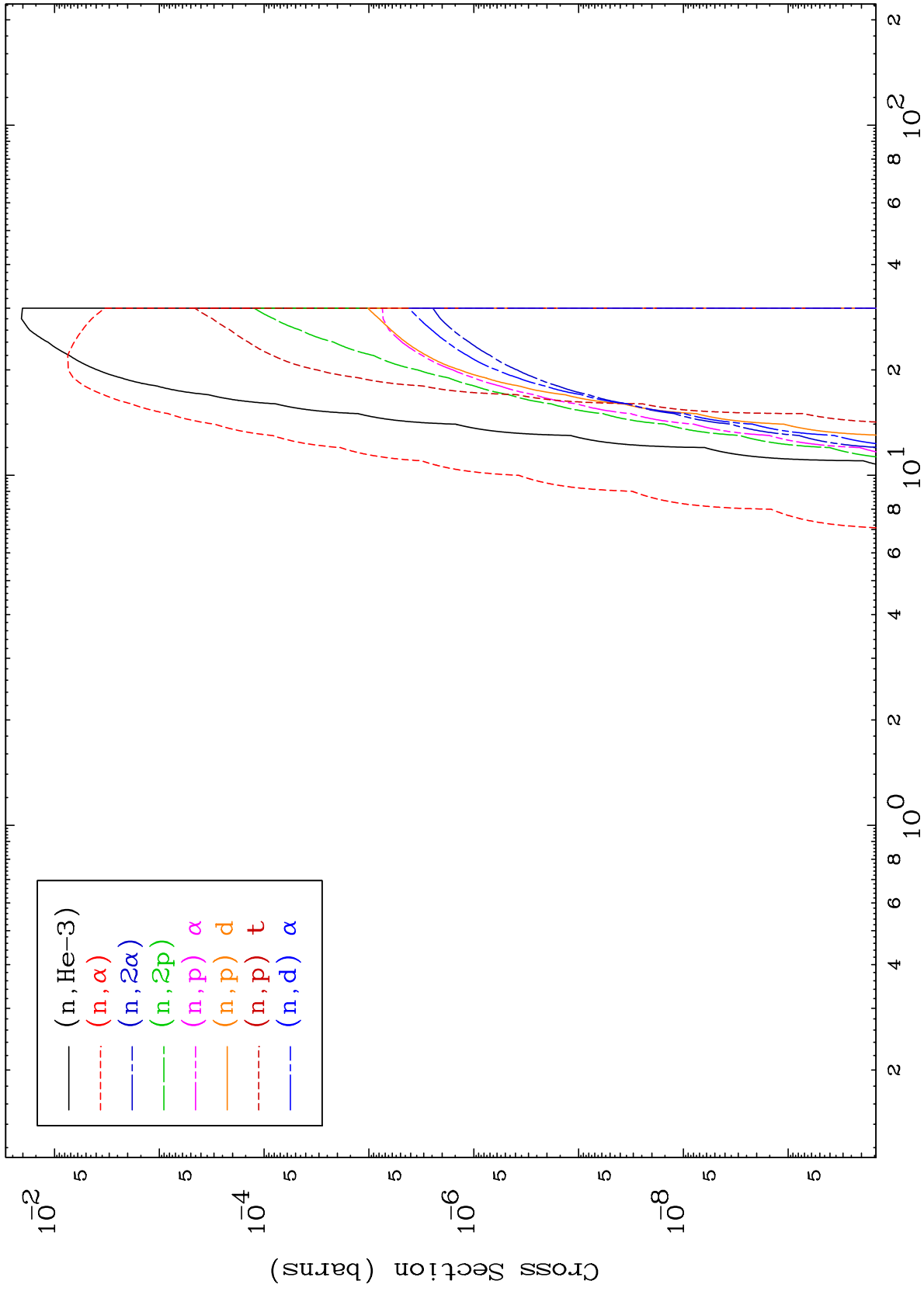
Incident Energy (MeV)

62-Sm-147

MAT 6234

He-3 Neutron Absorption  
0 Kelvin Cross Sections

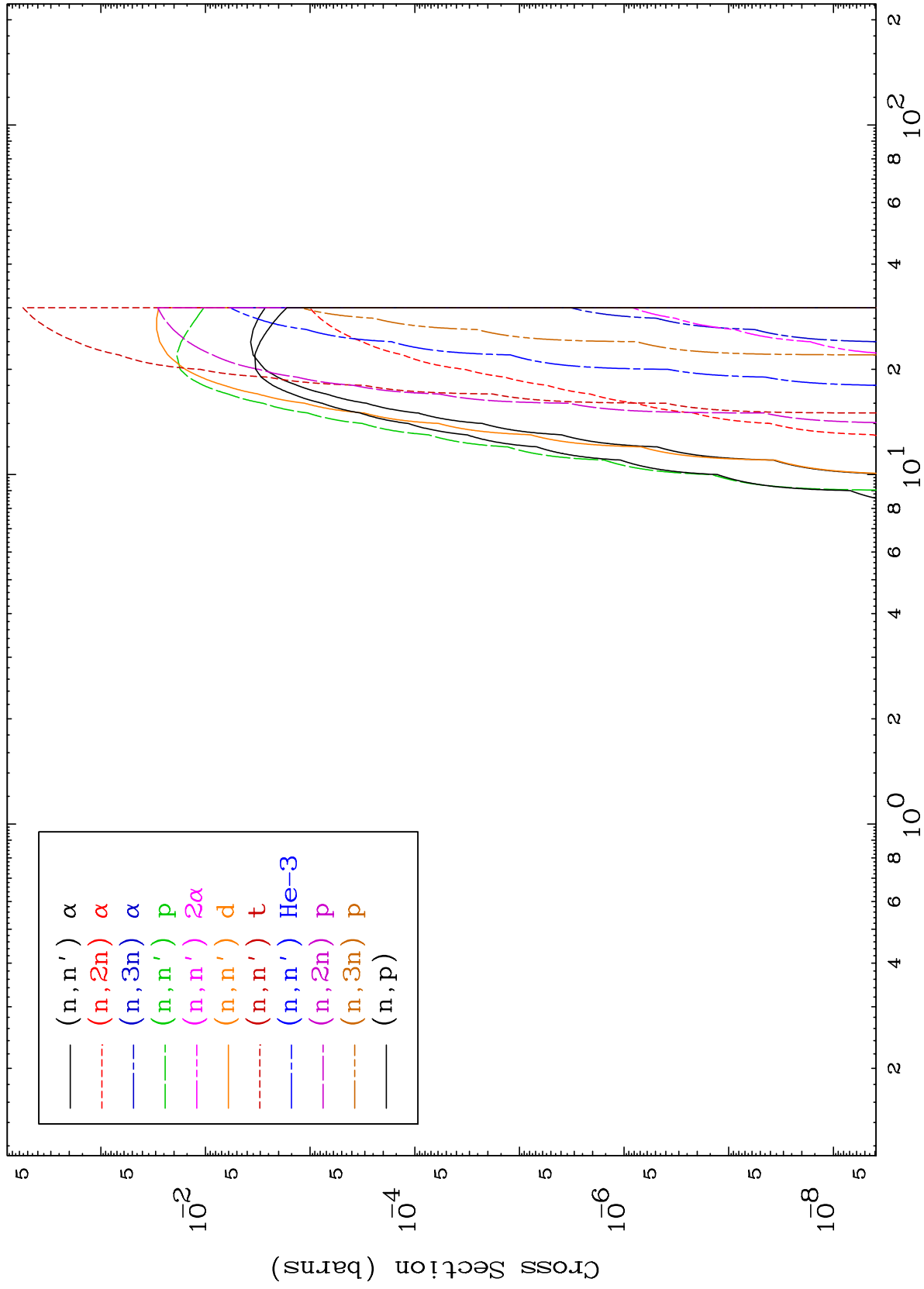
62-Sm-147



MAT 6234

He-3 Charged Particle  
0 Kelvin Cross Sections

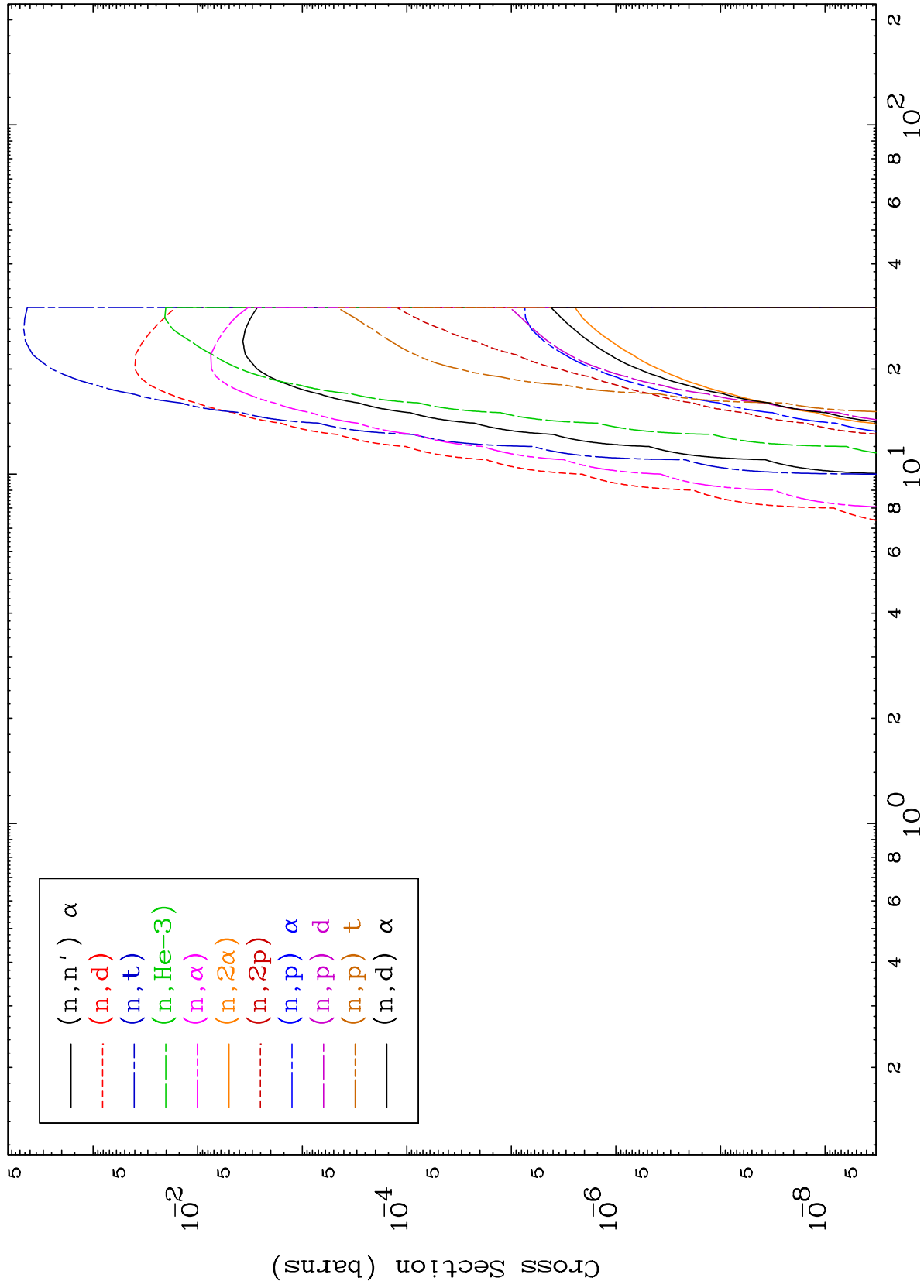
62-Sm-147



MAT 6234

He-3 Charged Particle  
0 Kelvin Cross Sections

62-Sm-147



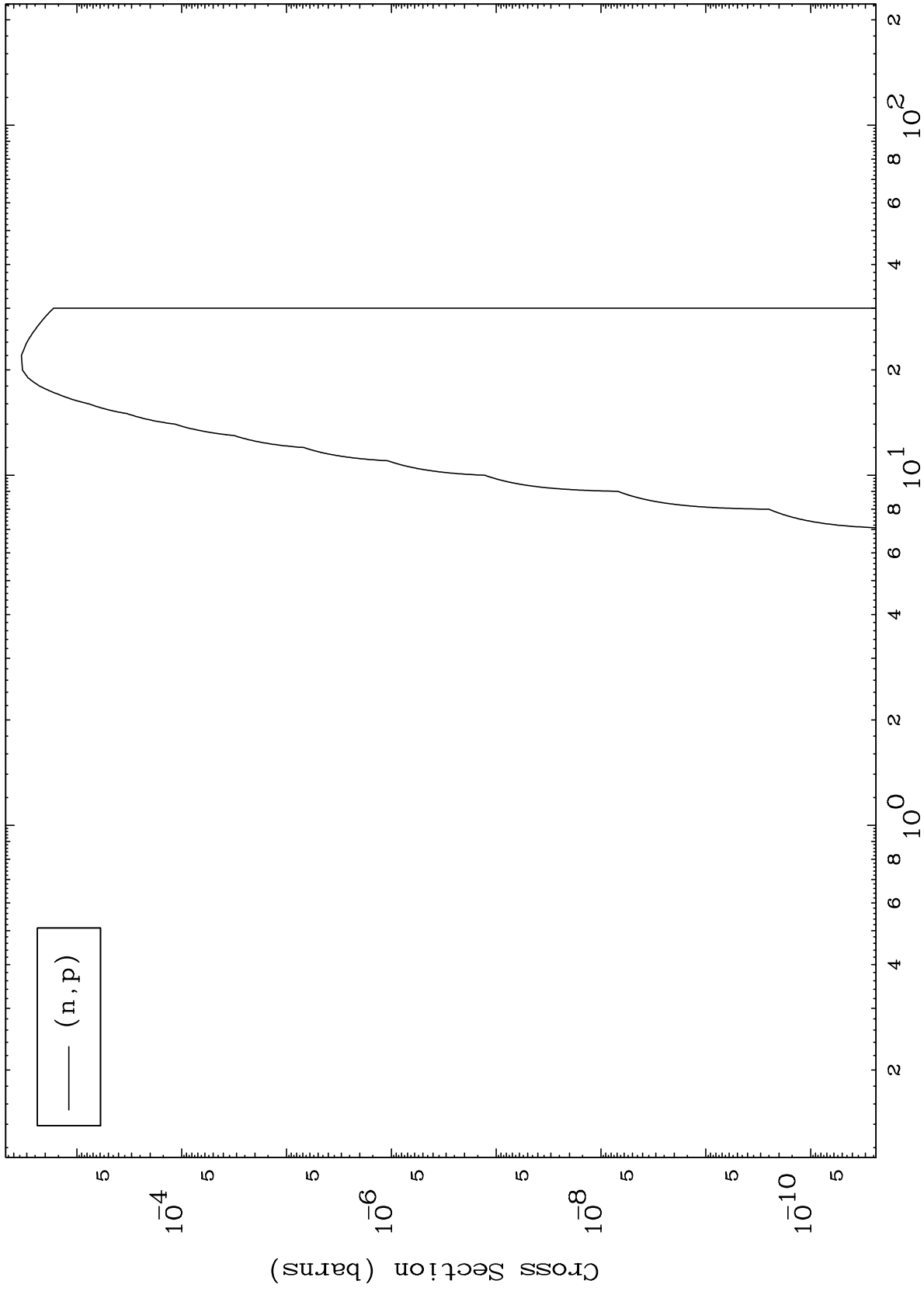
6

62-Sm-147

MAT 6234

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

62-Sm-147



7

Incident Energy (MeV)

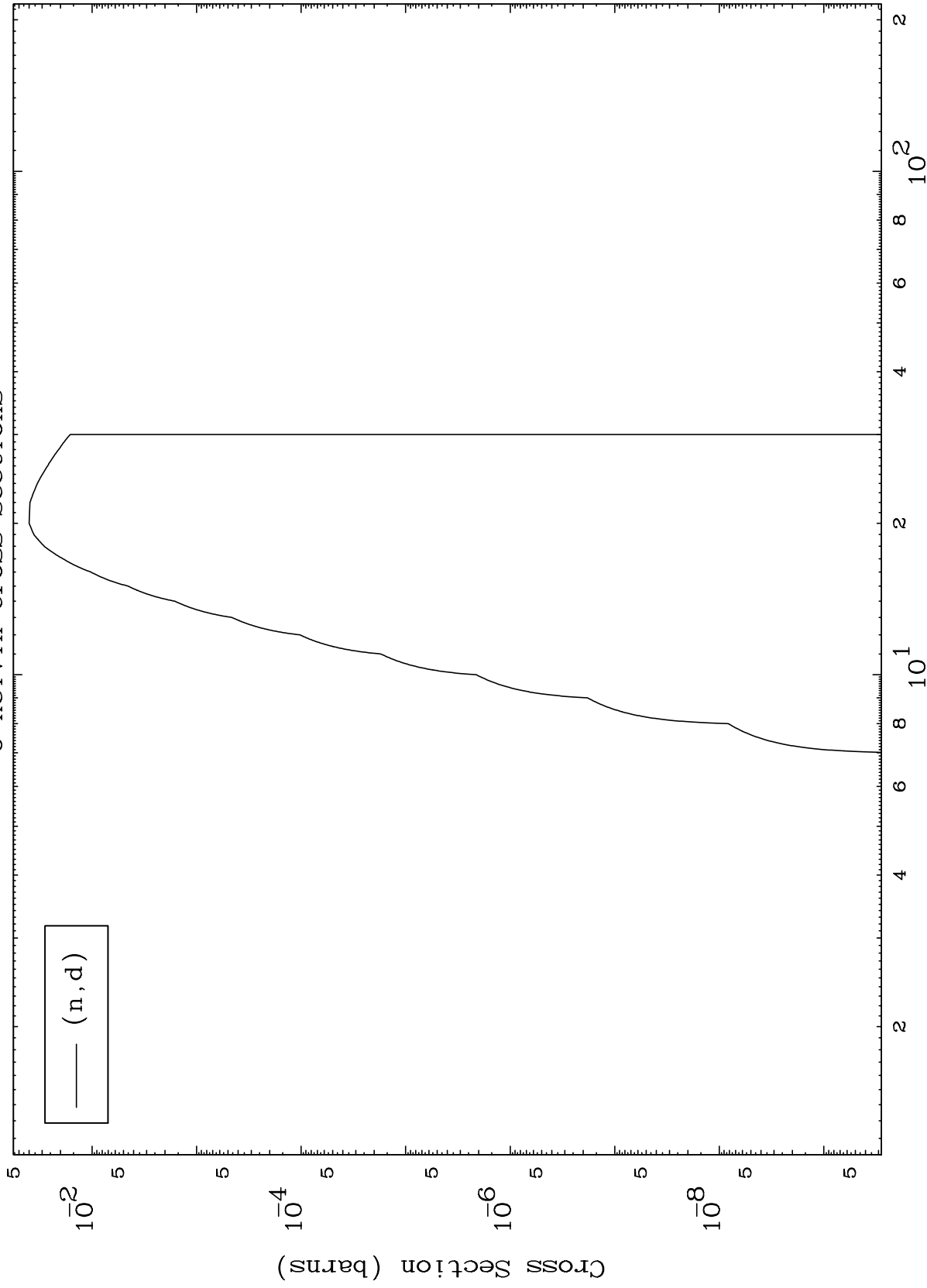
62-Sm-147



MAT 6234

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

62-Sm-147



8

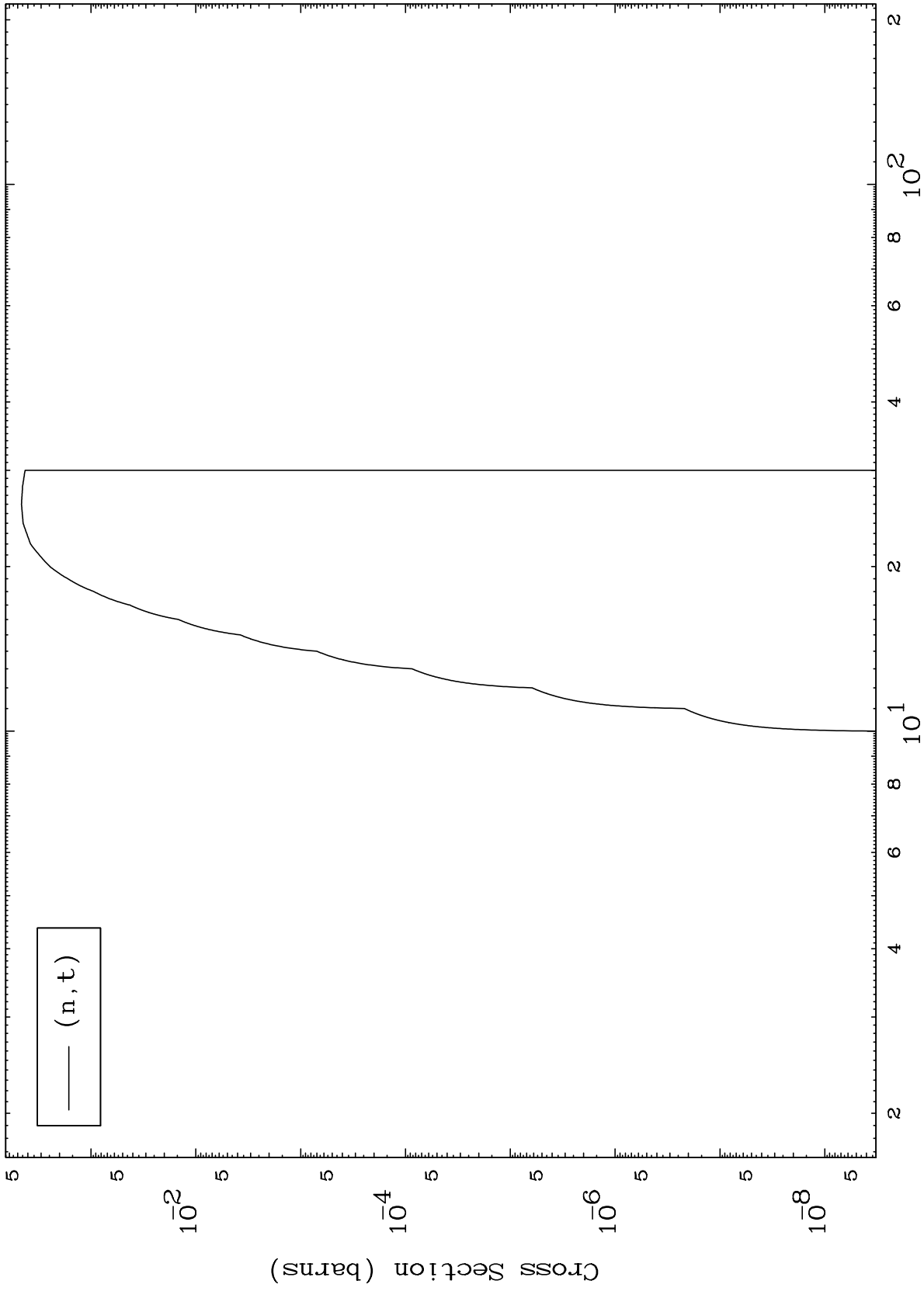
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



9

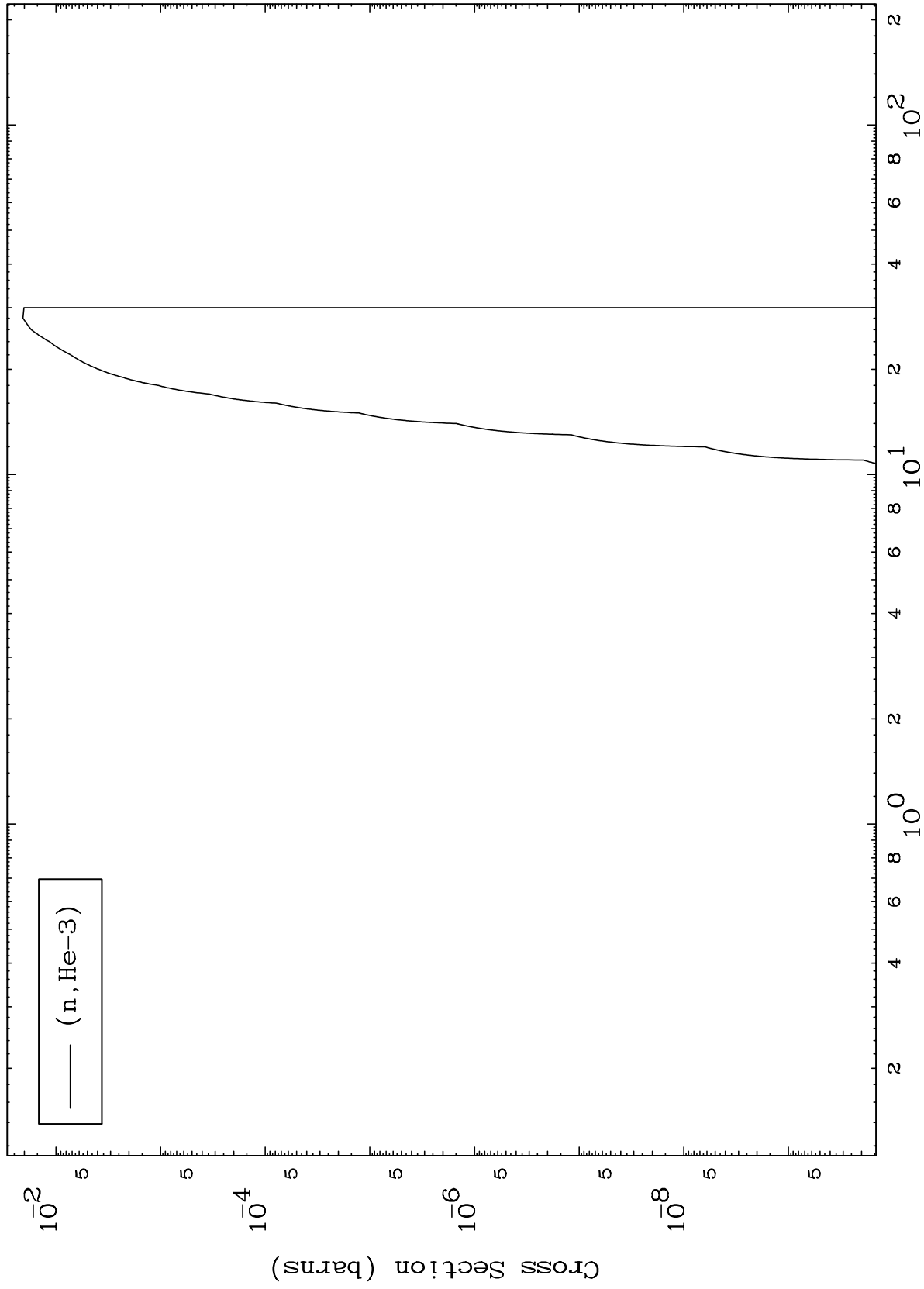
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147



10

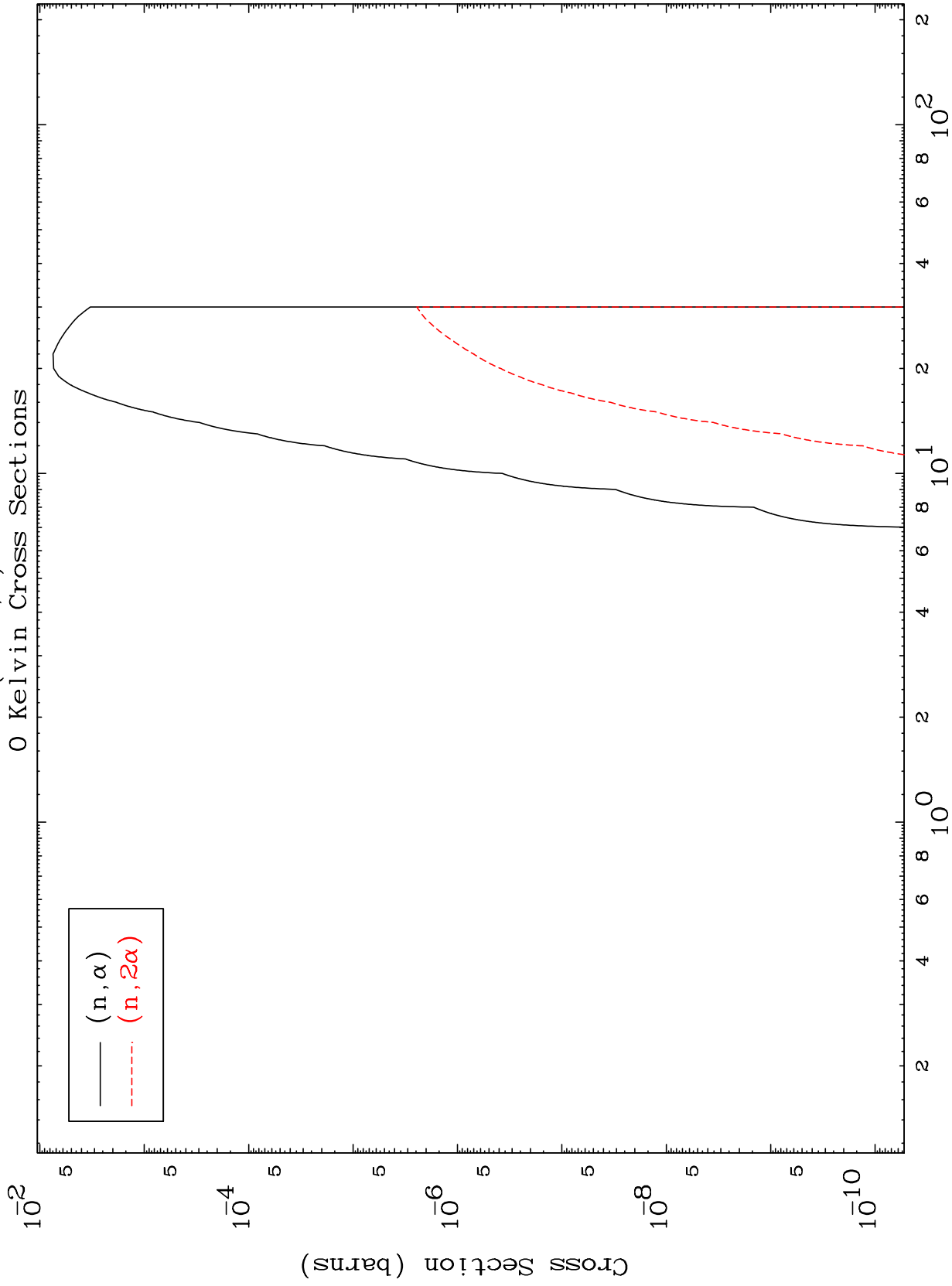
Incident Energy (MeV)

62-Sm-147

MAT 6234

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

62-Sm-147

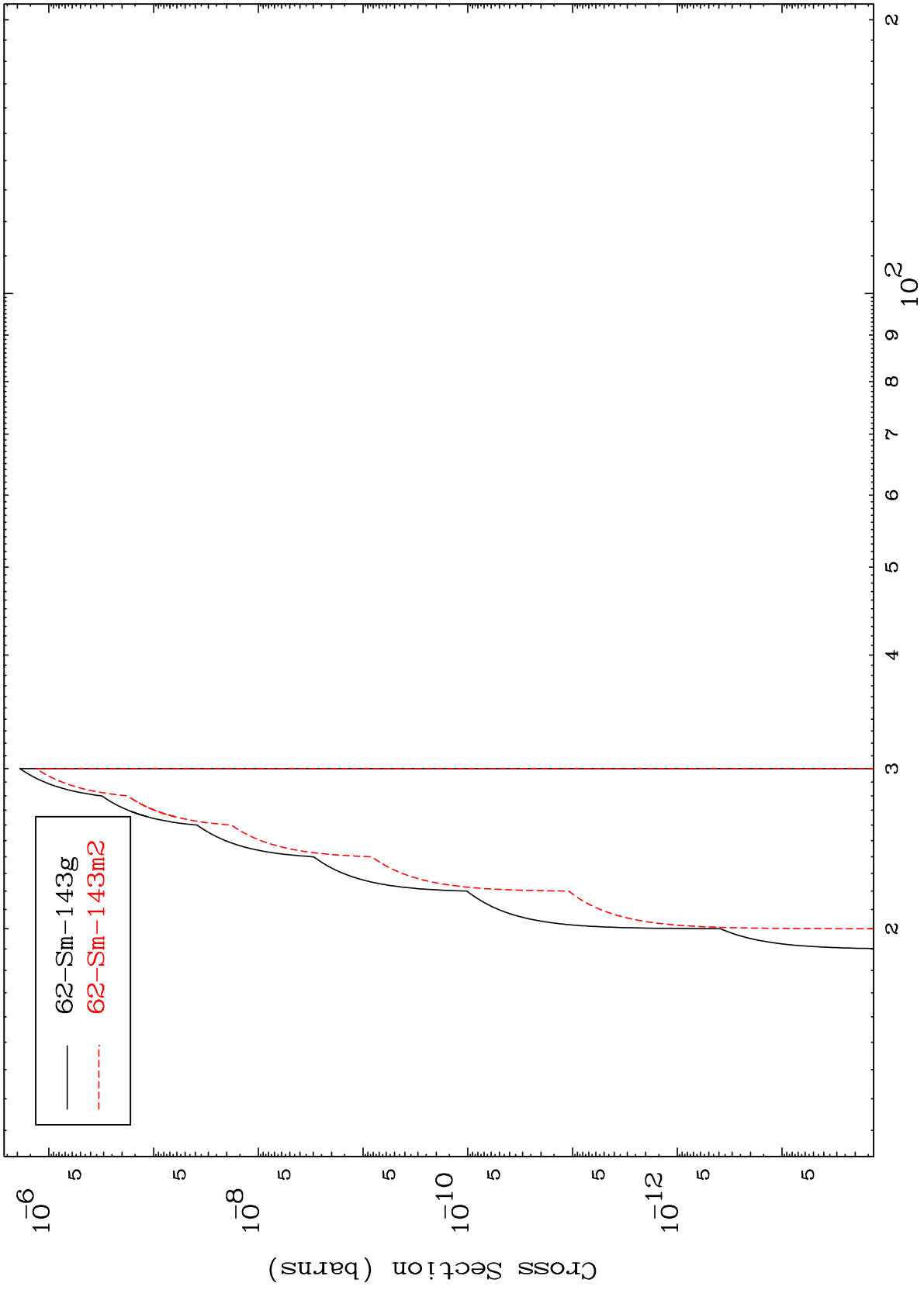


MAT 6234

(n,3n)  $\alpha$

62-Sm-147

Radionuclide Production Cross Section



12

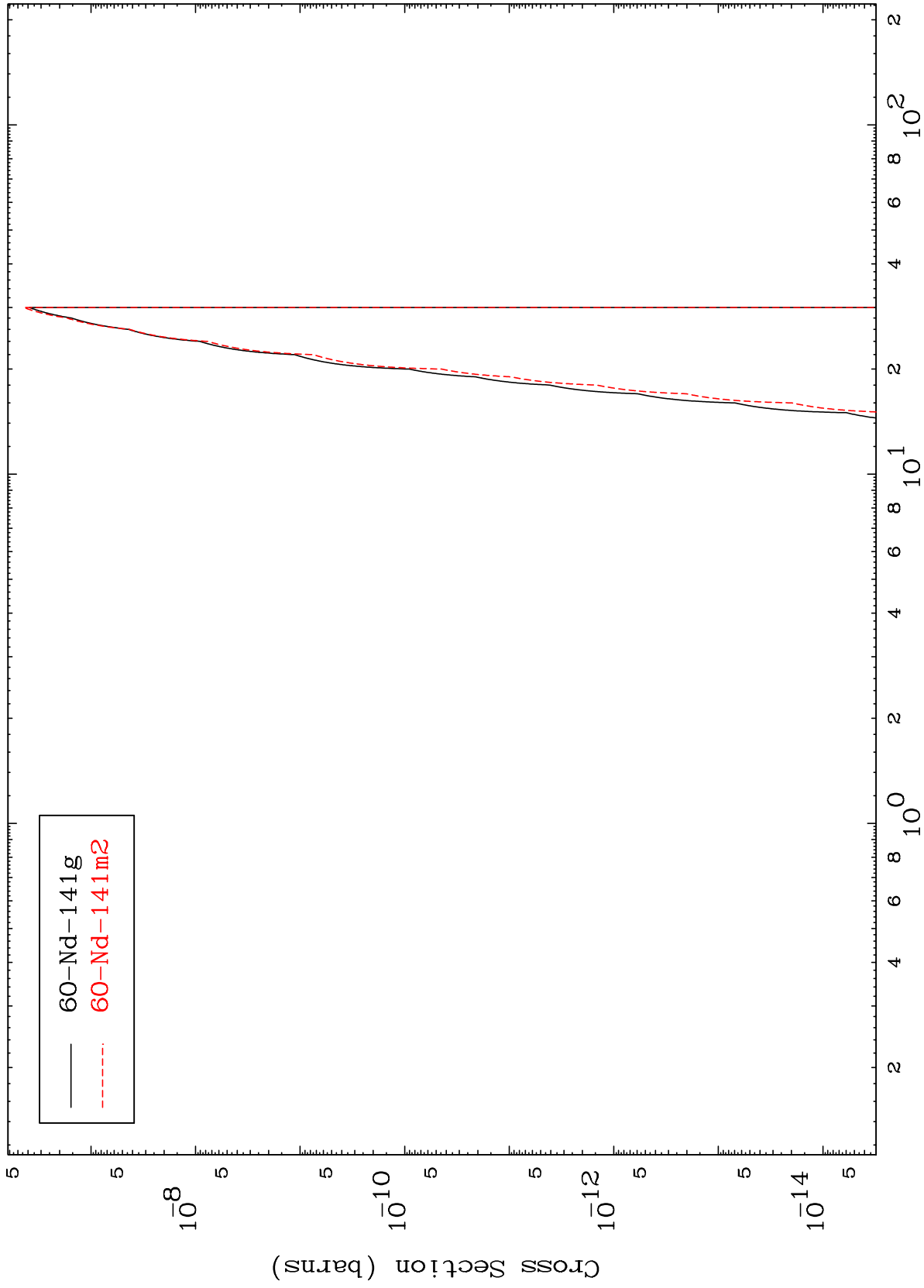
62-Sm-147

MAT 6234

(n,n') 2α

62-Sm-147

Radionuclide Production Cross Section



13

Incident Energy (MeV)

62-Sm-147