

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

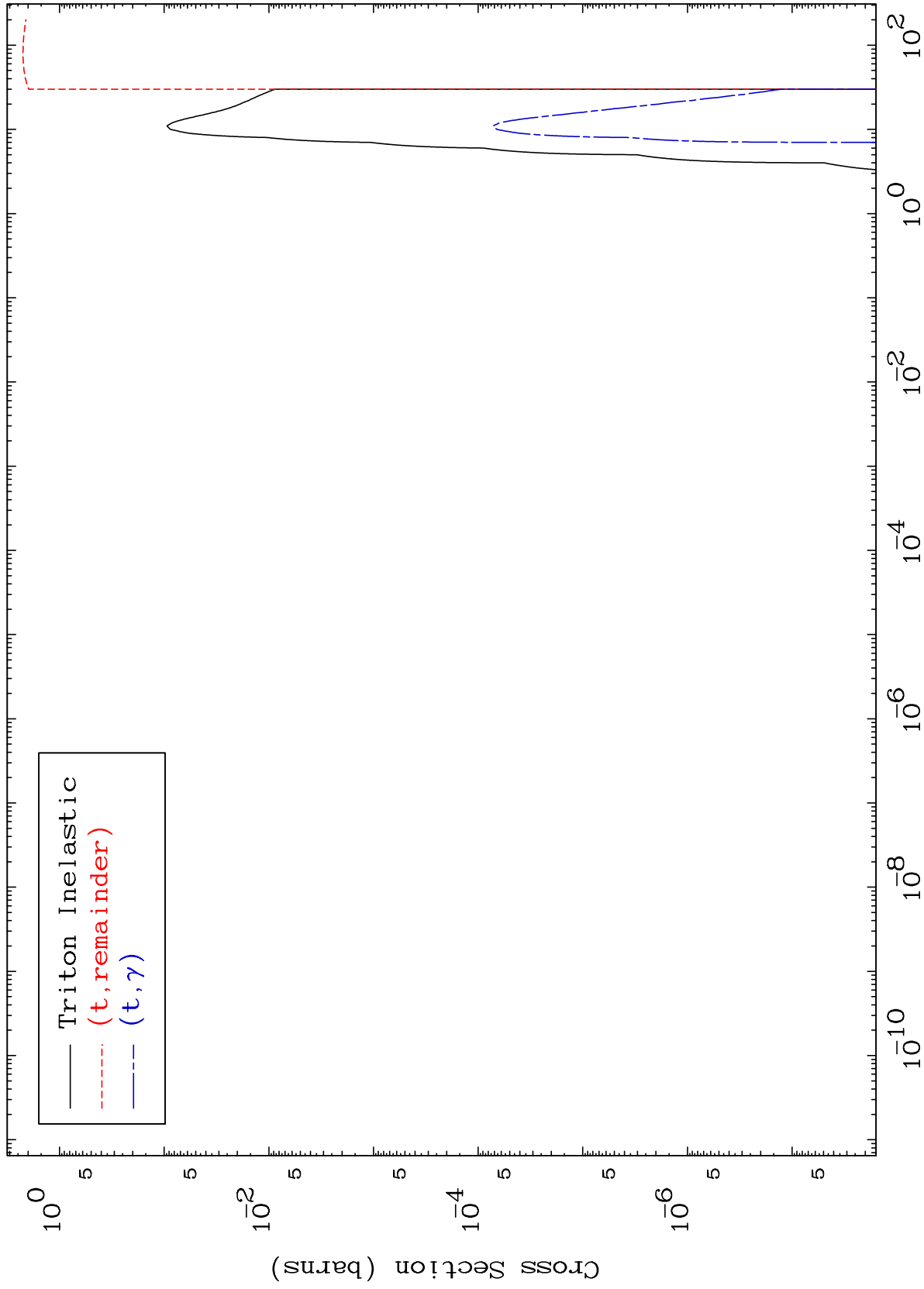
E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 6407

Triton Major  
0 Kelvin Cross Sections

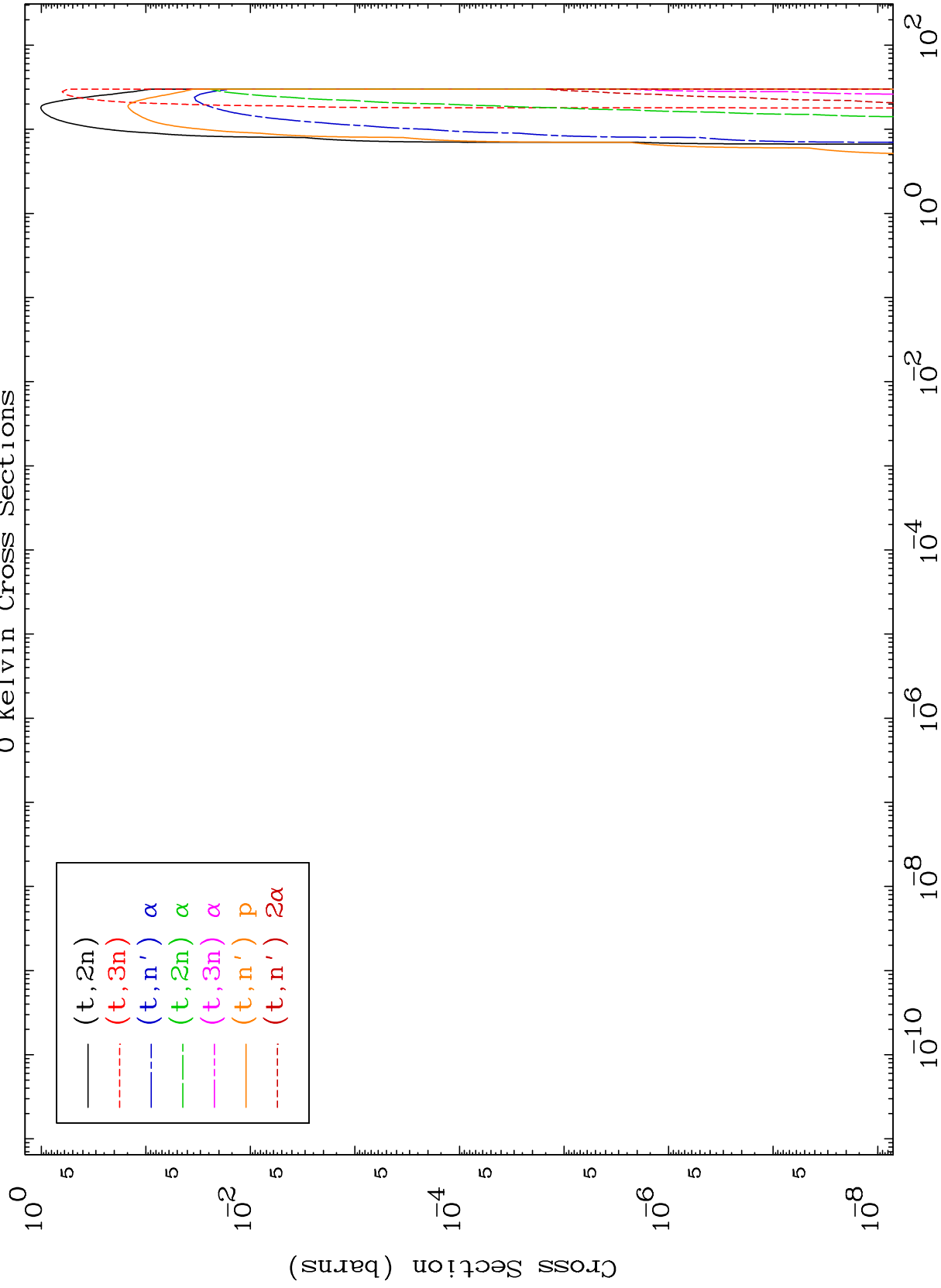
64-Gd-146



MAT 6407

Triton Neutron Production  
0 Kelvin Cross Sections

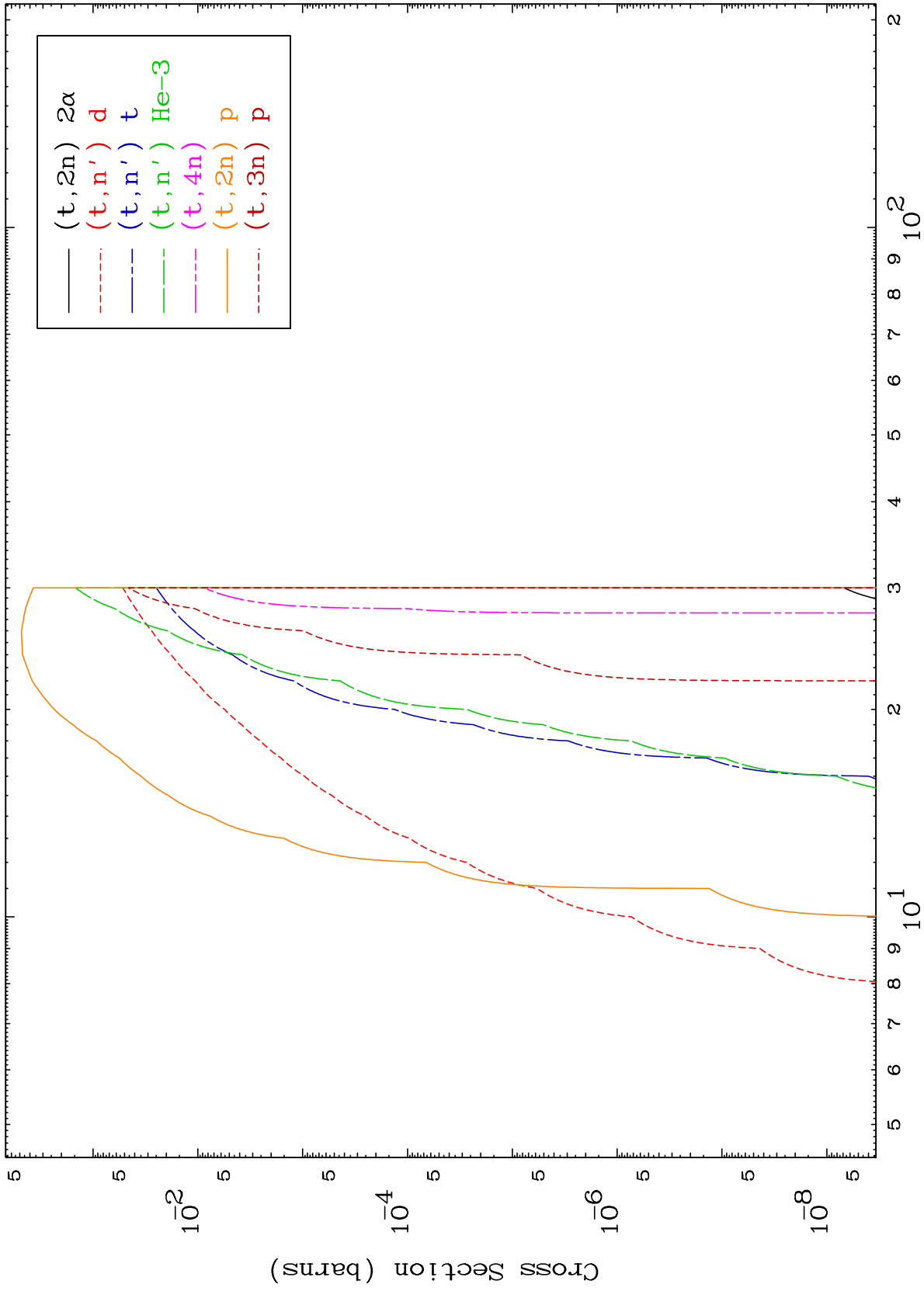
64-Gd-146



2

Incident Energy (MeV)

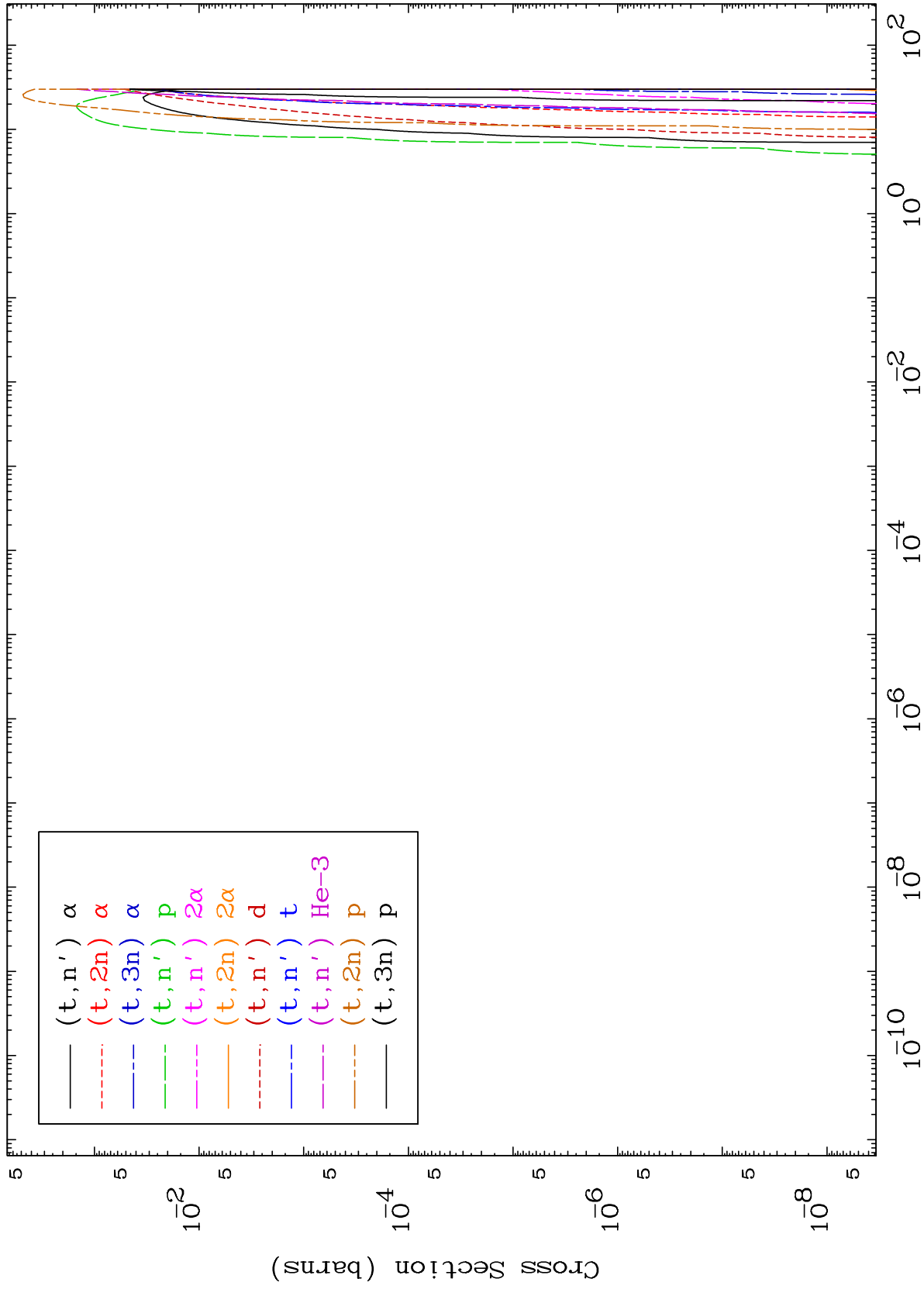
64-Gd-146



MAT 6407

Triton Charged Particle  
0 Kelvin Cross Sections

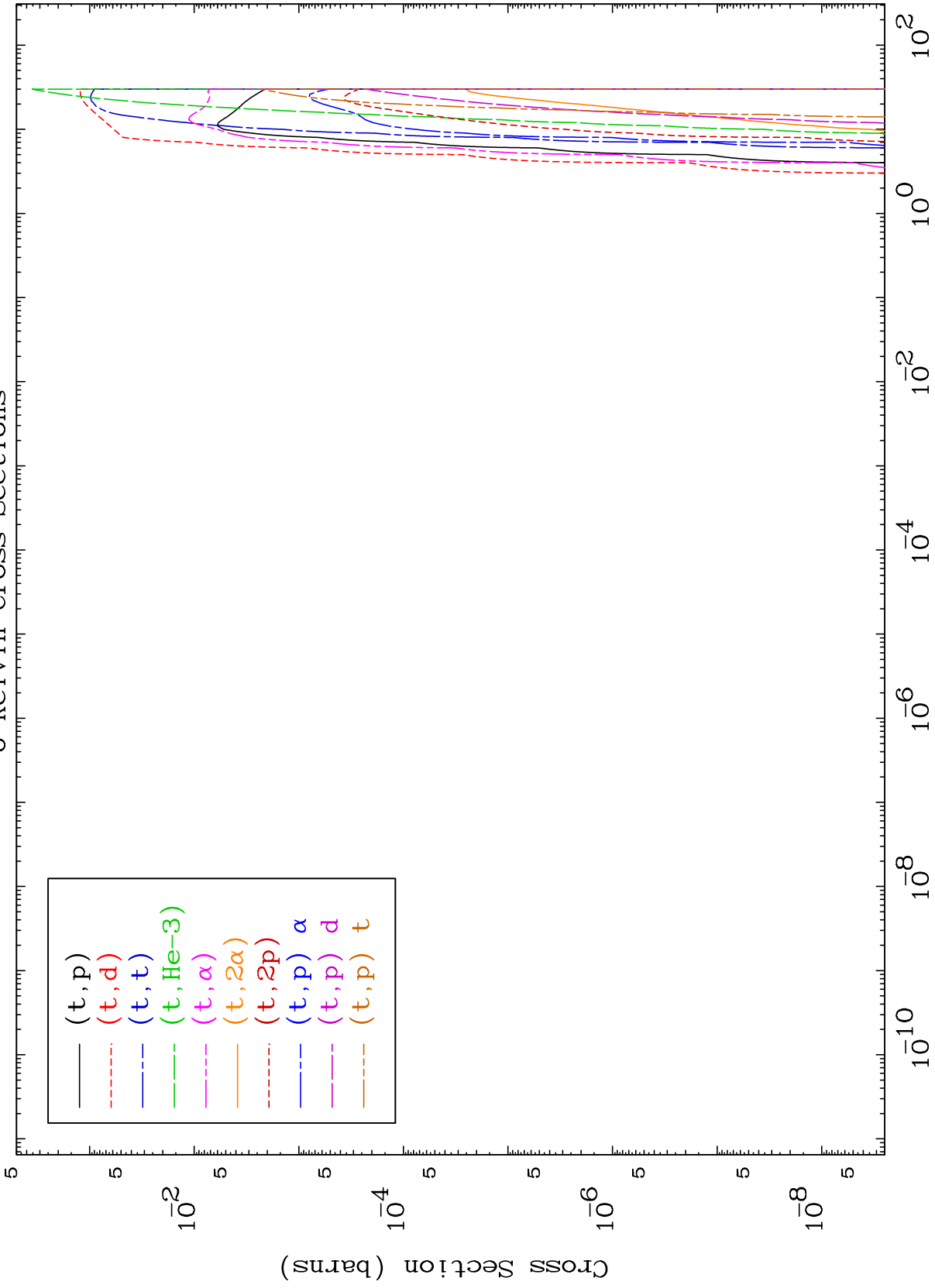
64-Gd-146



MAT 6407

Triton Charged Particle  
0 Kelvin Cross Sections

64-Gd-146



5

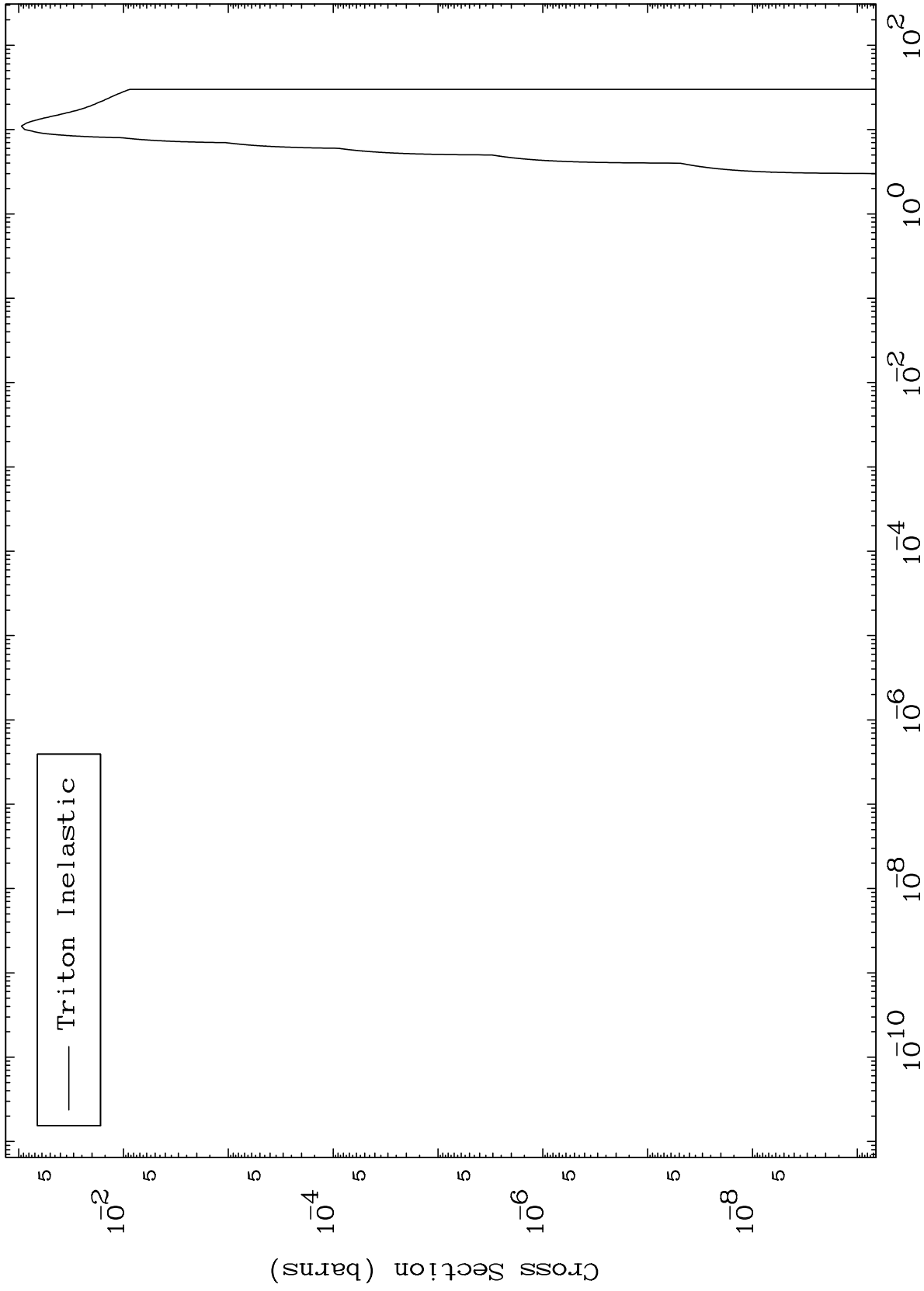
Incident Energy (MeV)

64-Gd-146

MAT 6407

(t,n') Level  
0 Kelvin Cross Sections

64-Gd-146



6

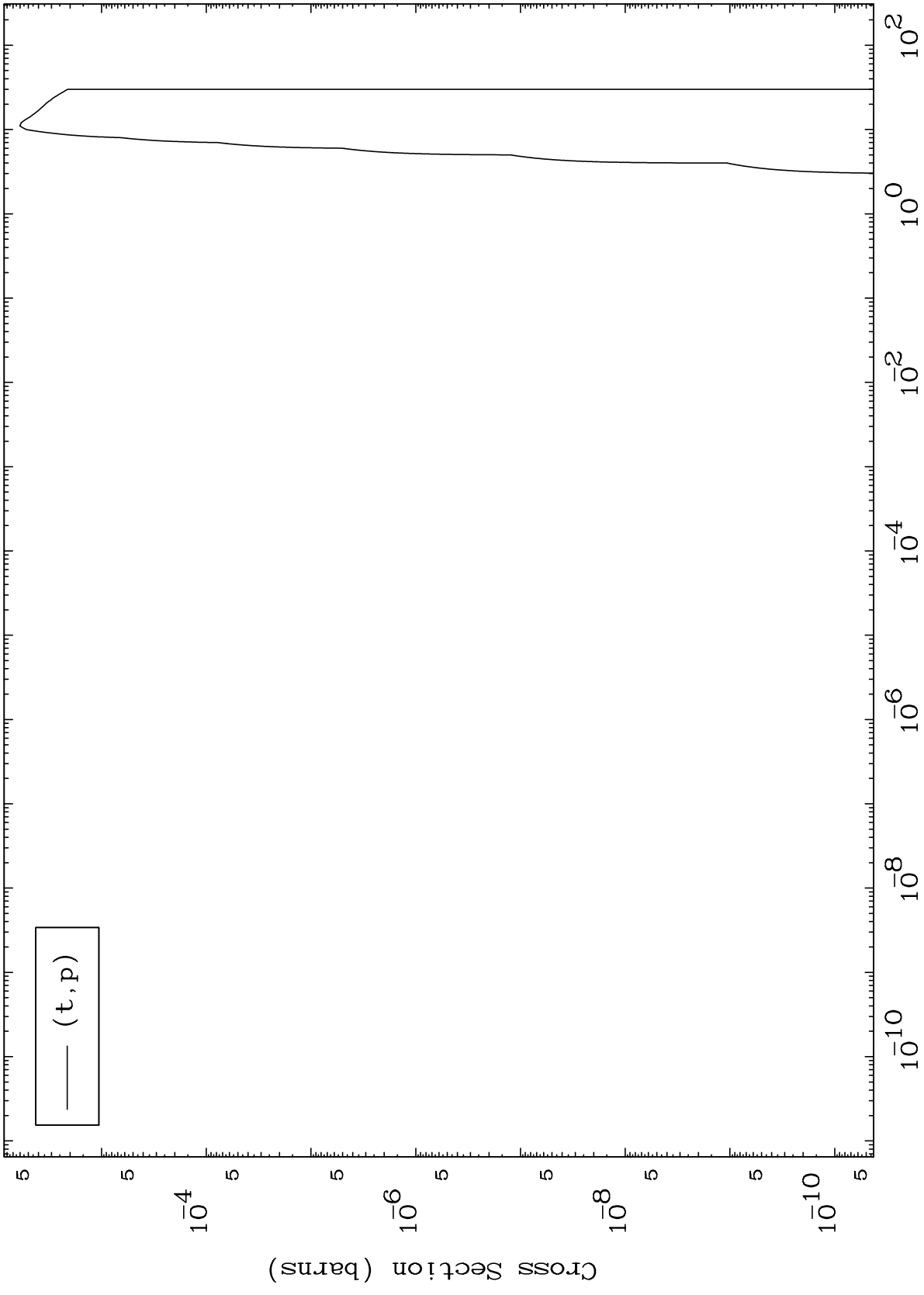
Incident Energy (MeV)

64-Gd-146

MAT 6407

(t,p) Levels  
0 Kelvin Cross Sections

64-Gd-146



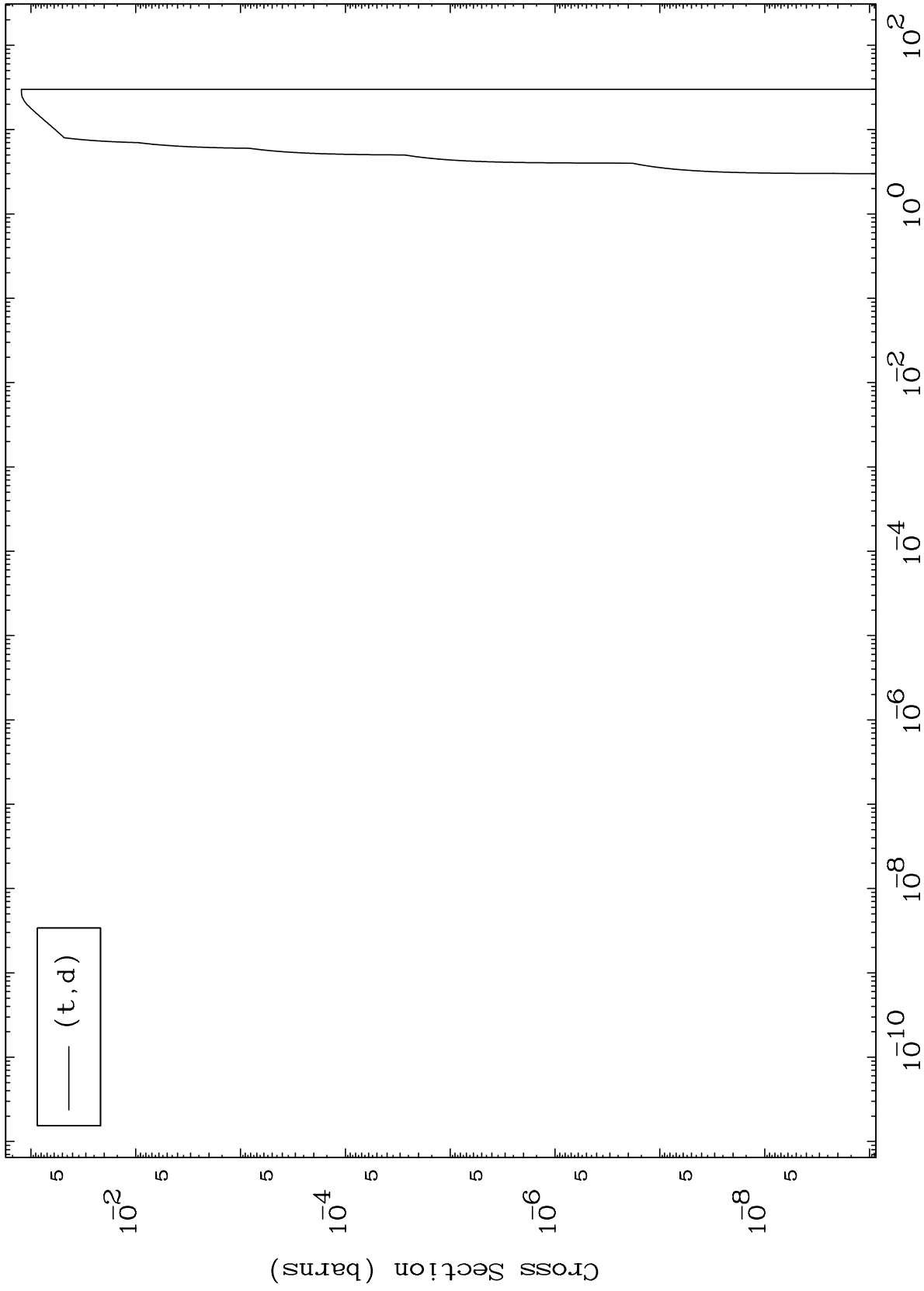
64-Gd-146



MAT 6407

(t,d) Levels  
0 Kelvin Cross Sections

64-Gd-146



8

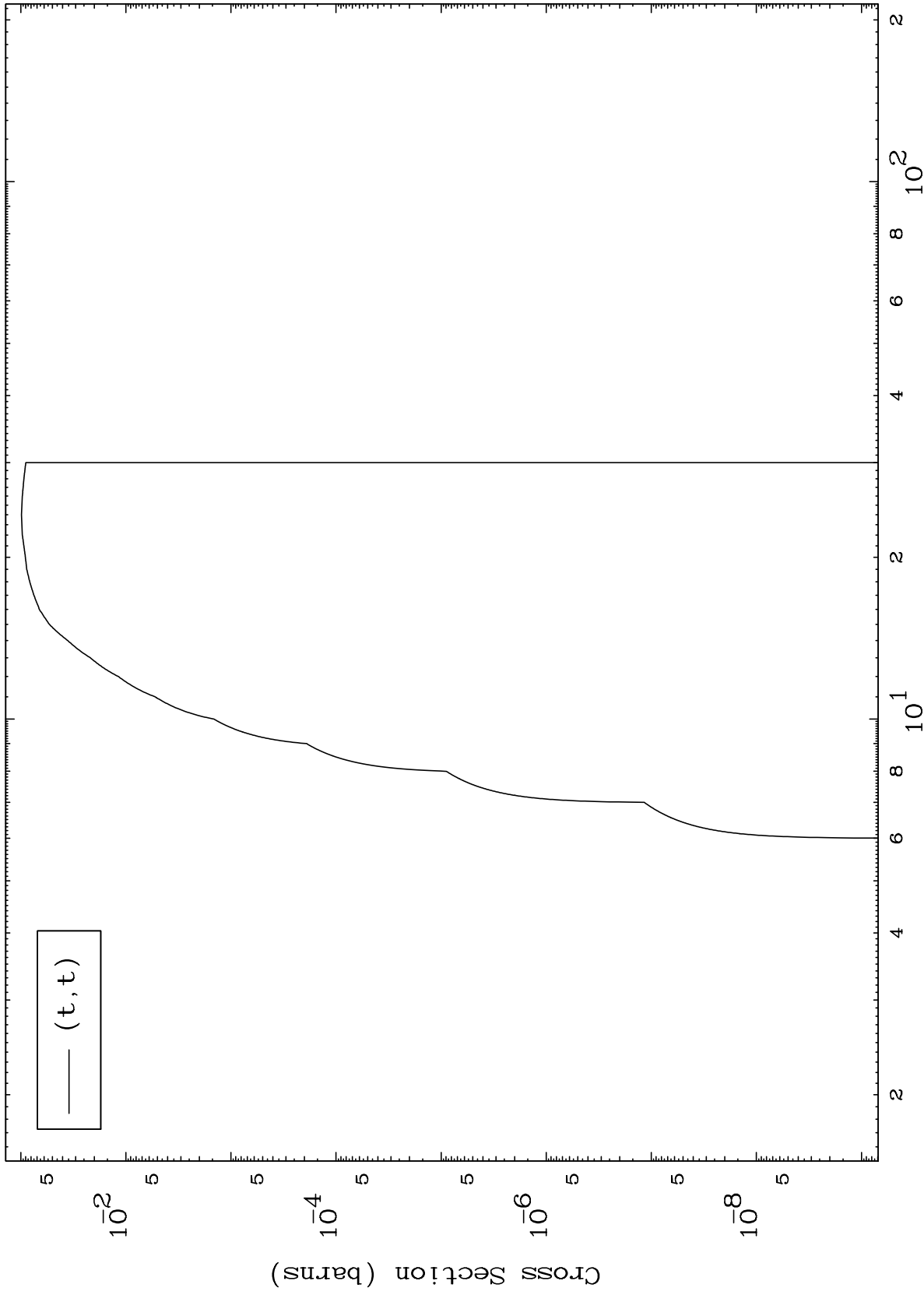
Incident Energy (MeV)

64-Gd-146

MAT 6407

(t,t) Levels  
0 Kelvin Cross Sections

64-Gd-146



9

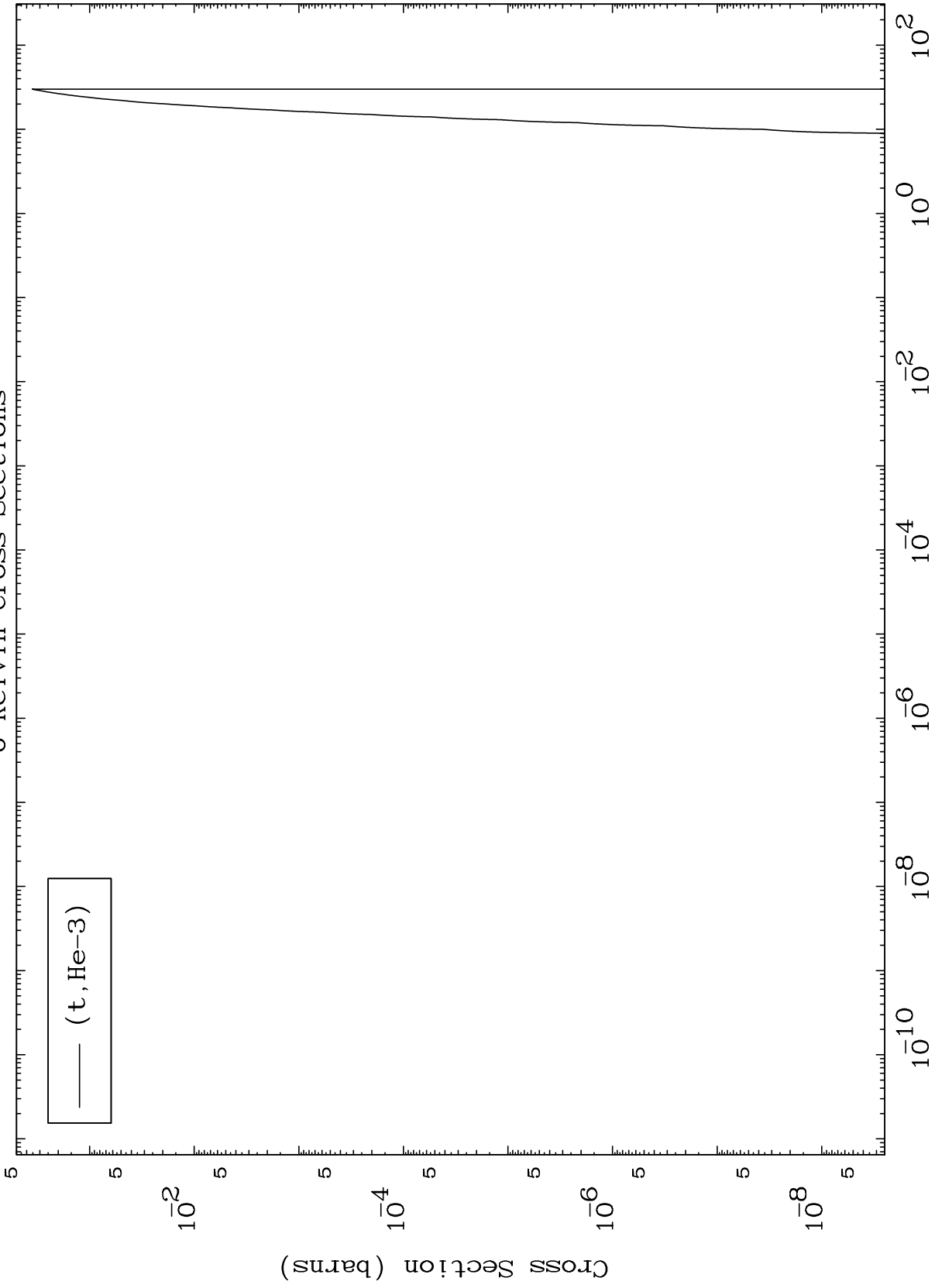
Incident Energy (MeV)

64-Gd-146

MAT 6407

(t,He3) Levels  
0 Kelvin Cross Sections

64-Gd-146



10

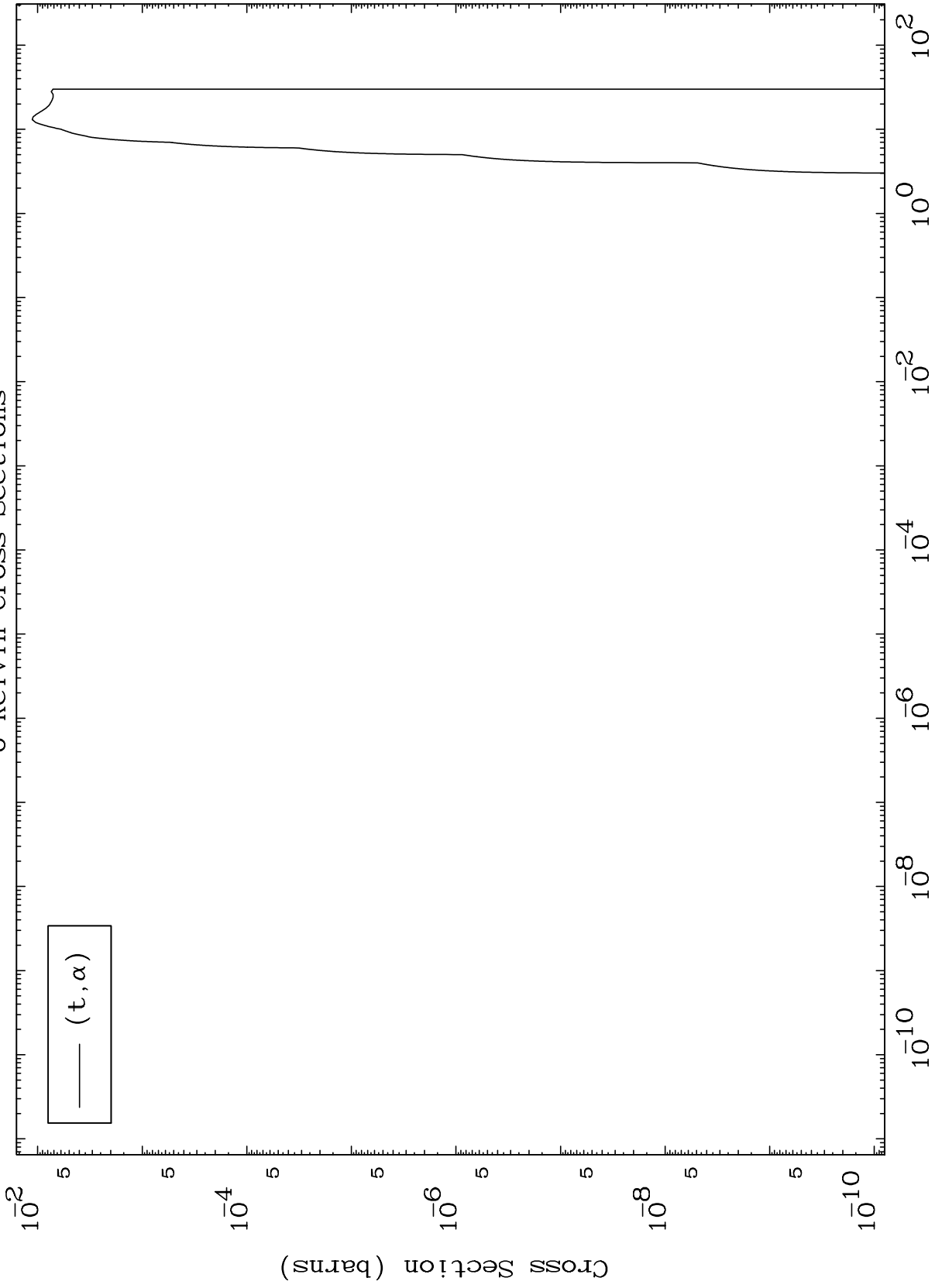
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



11

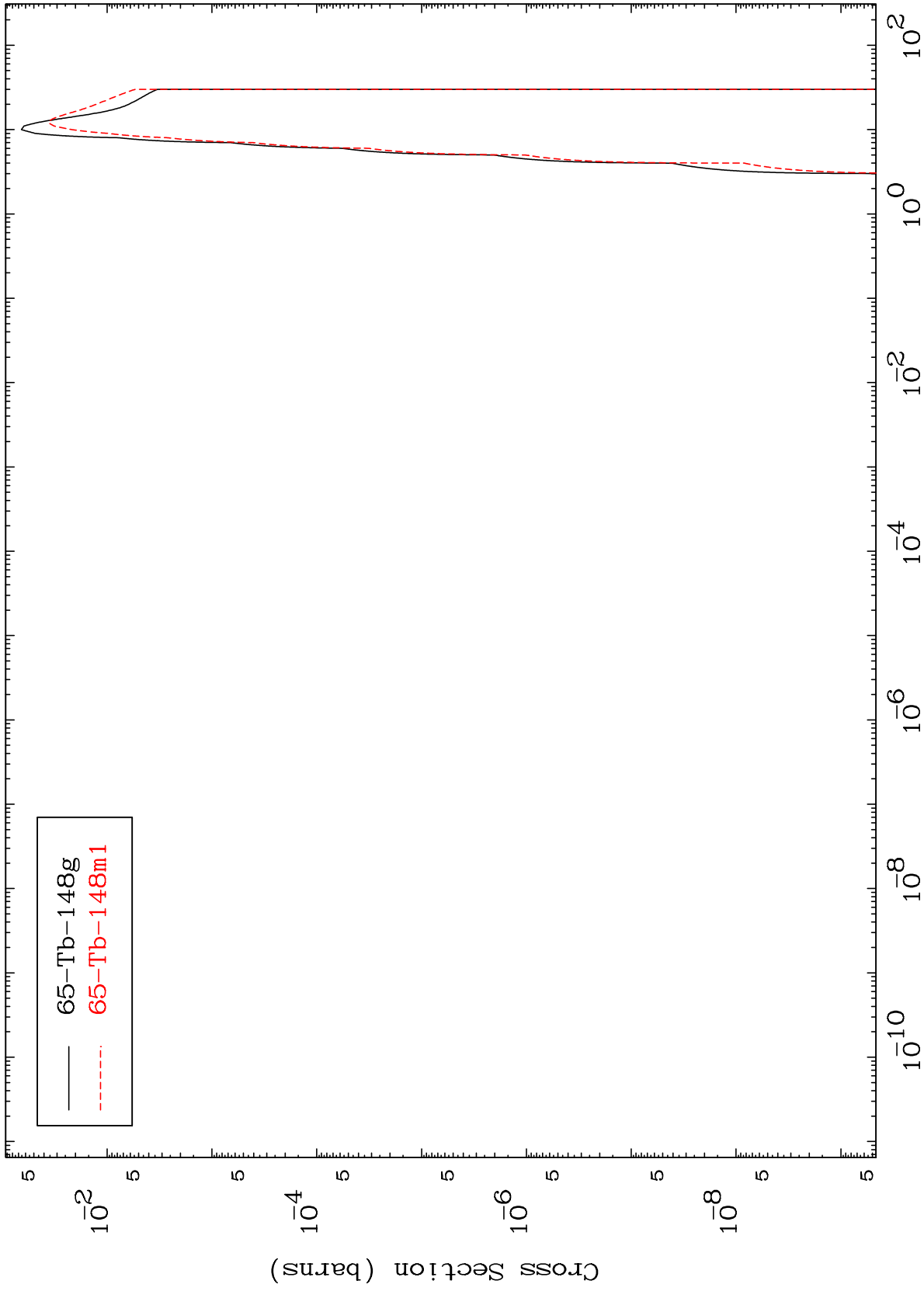
Incident Energy (MeV)

64-Gd-146

MAT 6407

Triton Inelastic  
Radionuclide Production Cross Section

64-Gd-146



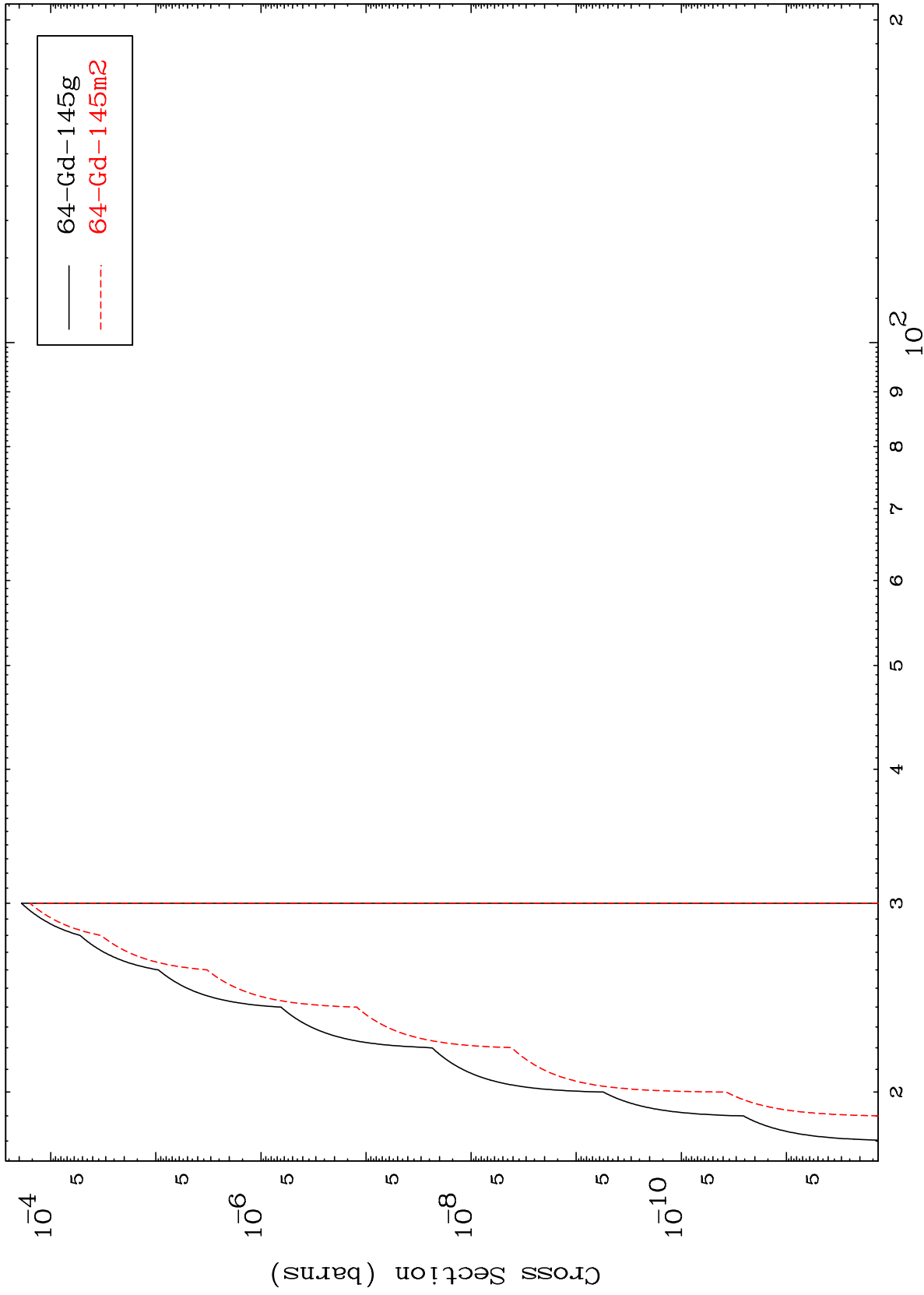
64-Gd-146

MAT 6407

(t,2n) d

64-Gd-146

Radionuclide Production Cross Section



13

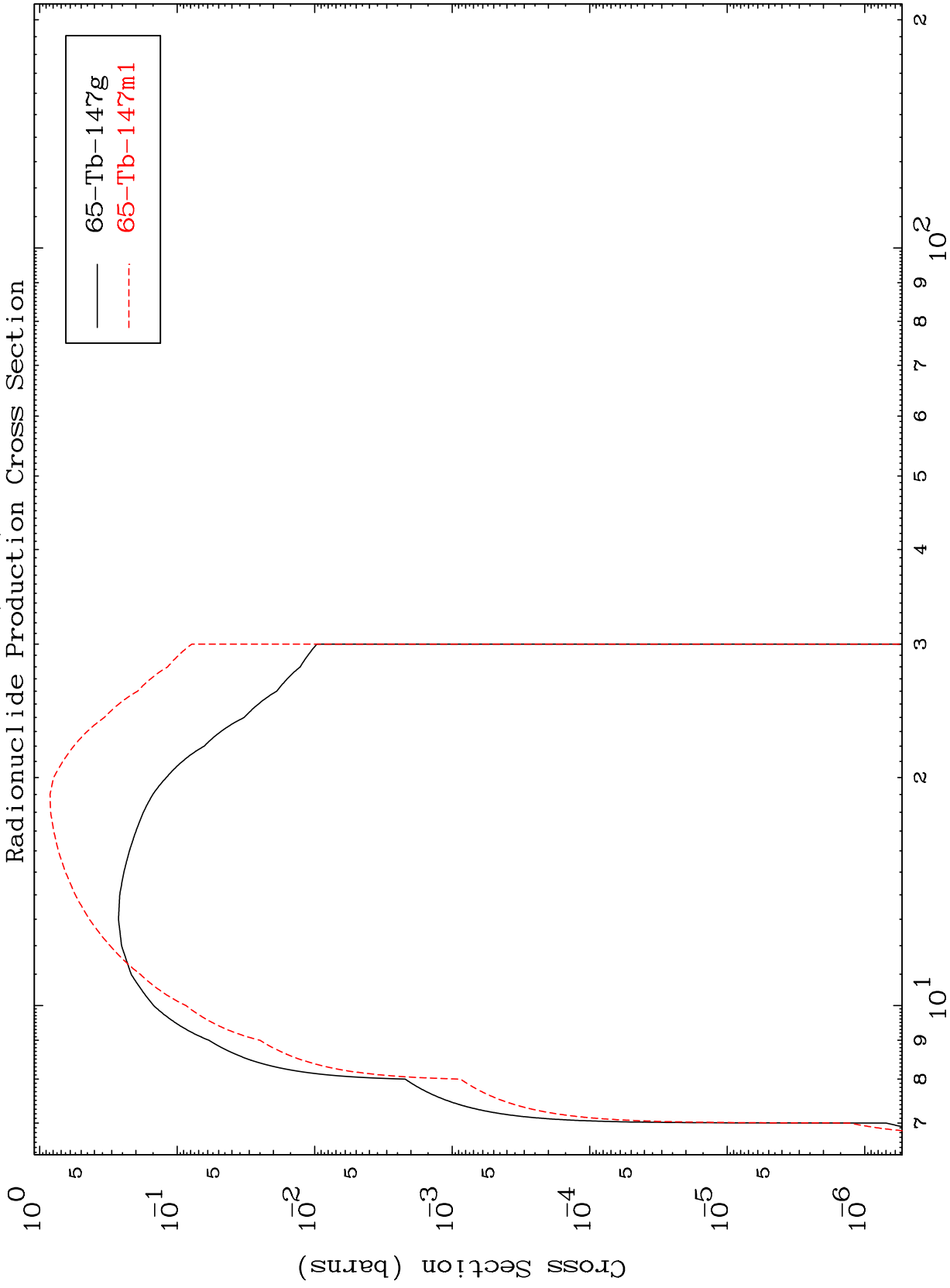
Incident Energy (MeV)

64-Gd-146

MAT 6407

64-Gd-146

(t,2n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

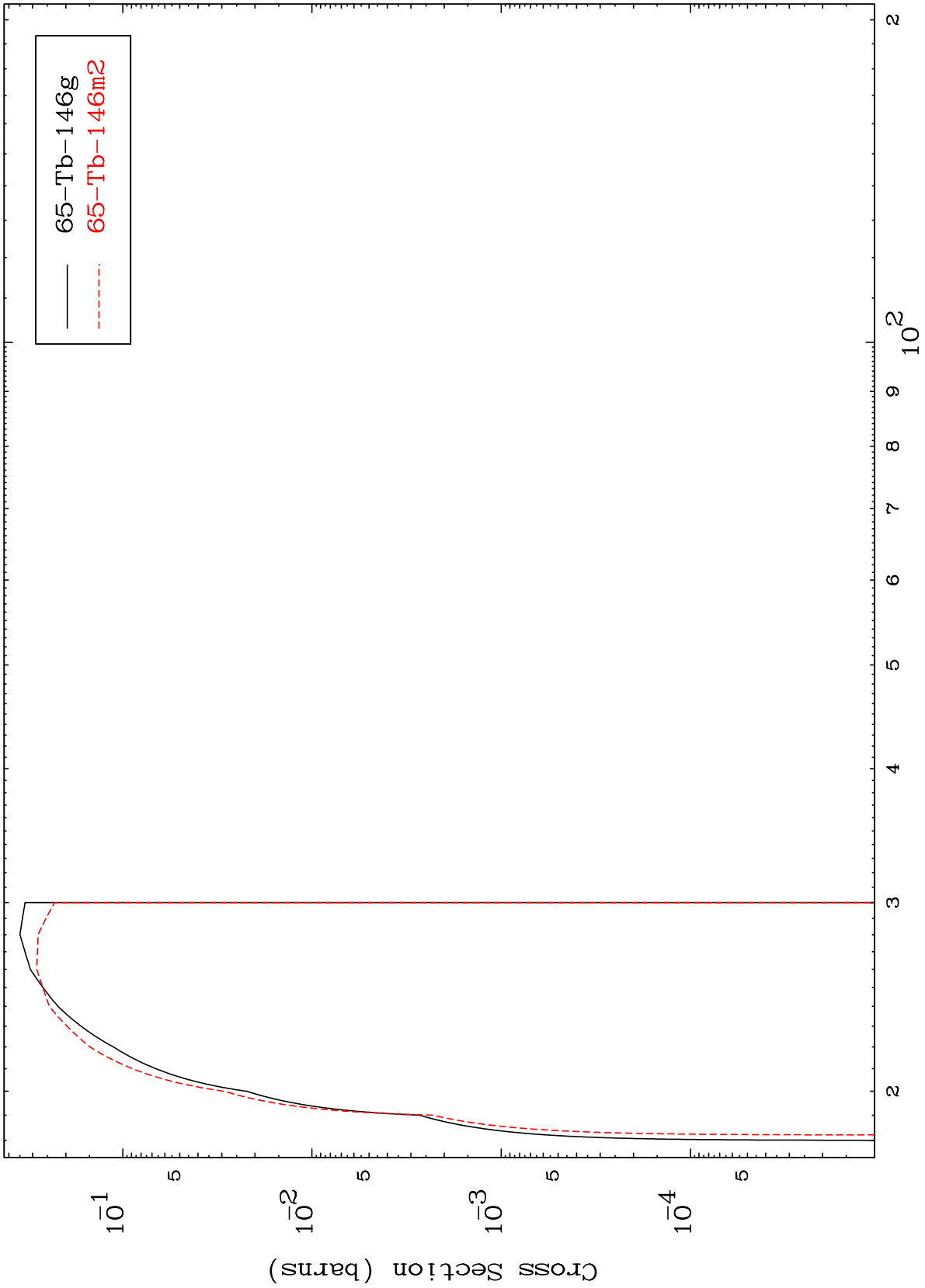
64-Gd-146

MAT 6407

(t,3n)

64-Gd-146

Radionuclide Production Cross Section



15

Incident Energy (MeV)

64-Gd-146

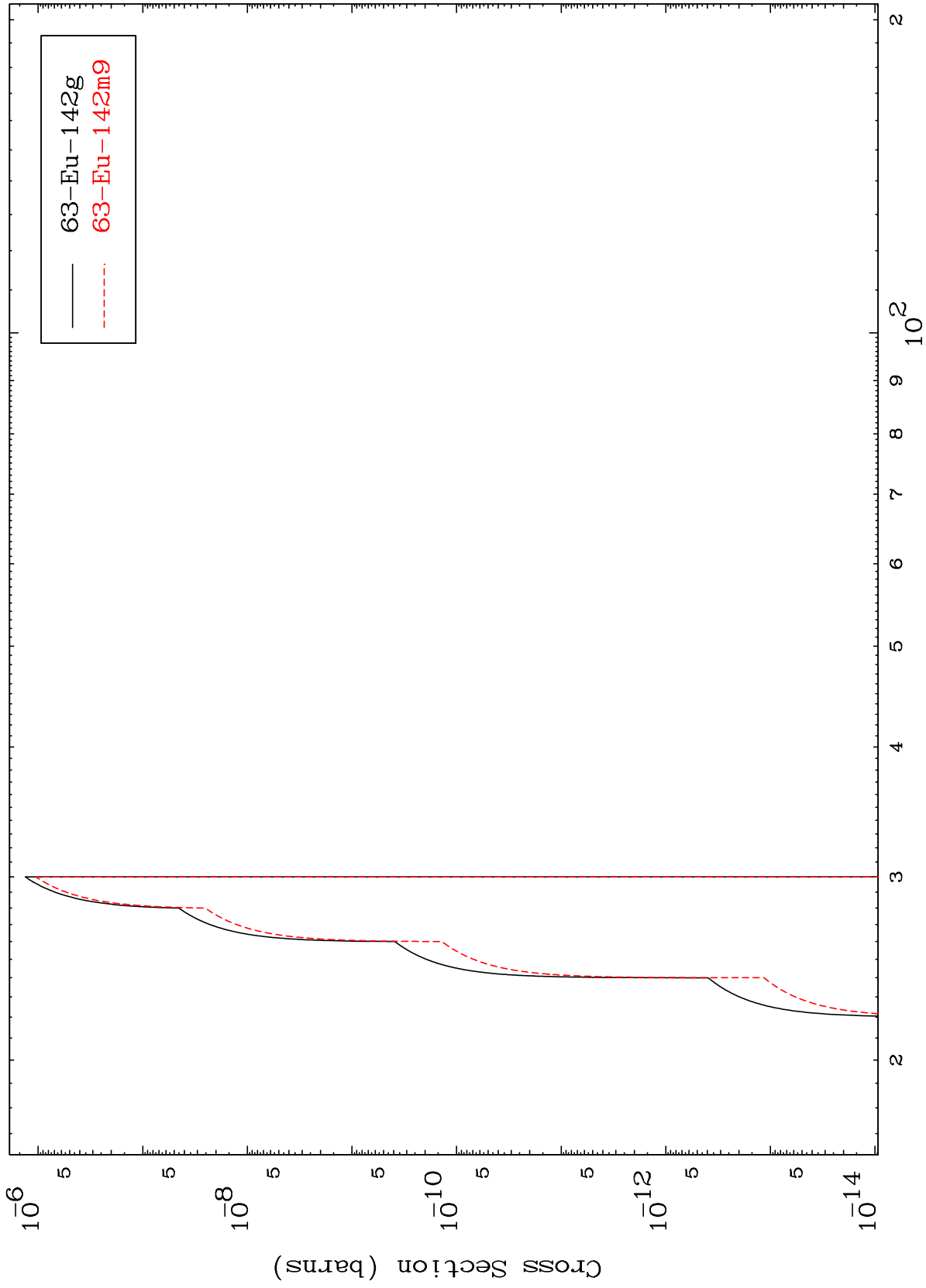


MAT 6407

(t,3n)  $\alpha$

64-Gd-146

Radionuclide Production Cross Section



16

Incident Energy (MeV)

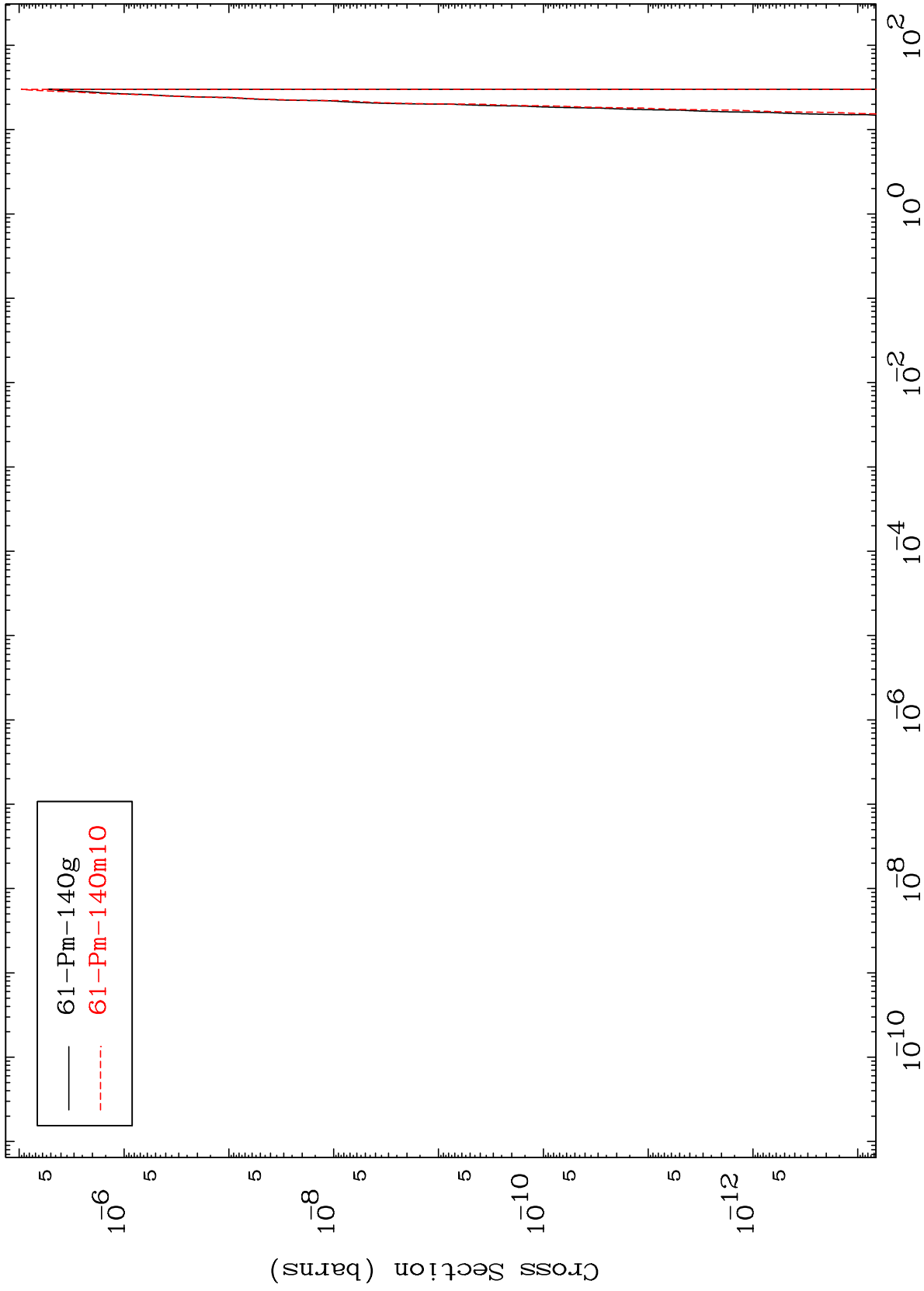
64-Gd-146

MAT 6407

(t,n') 2 $\alpha$

64-Gd-146

Radionuclide Production Cross Section



17

Incident Energy (MeV)

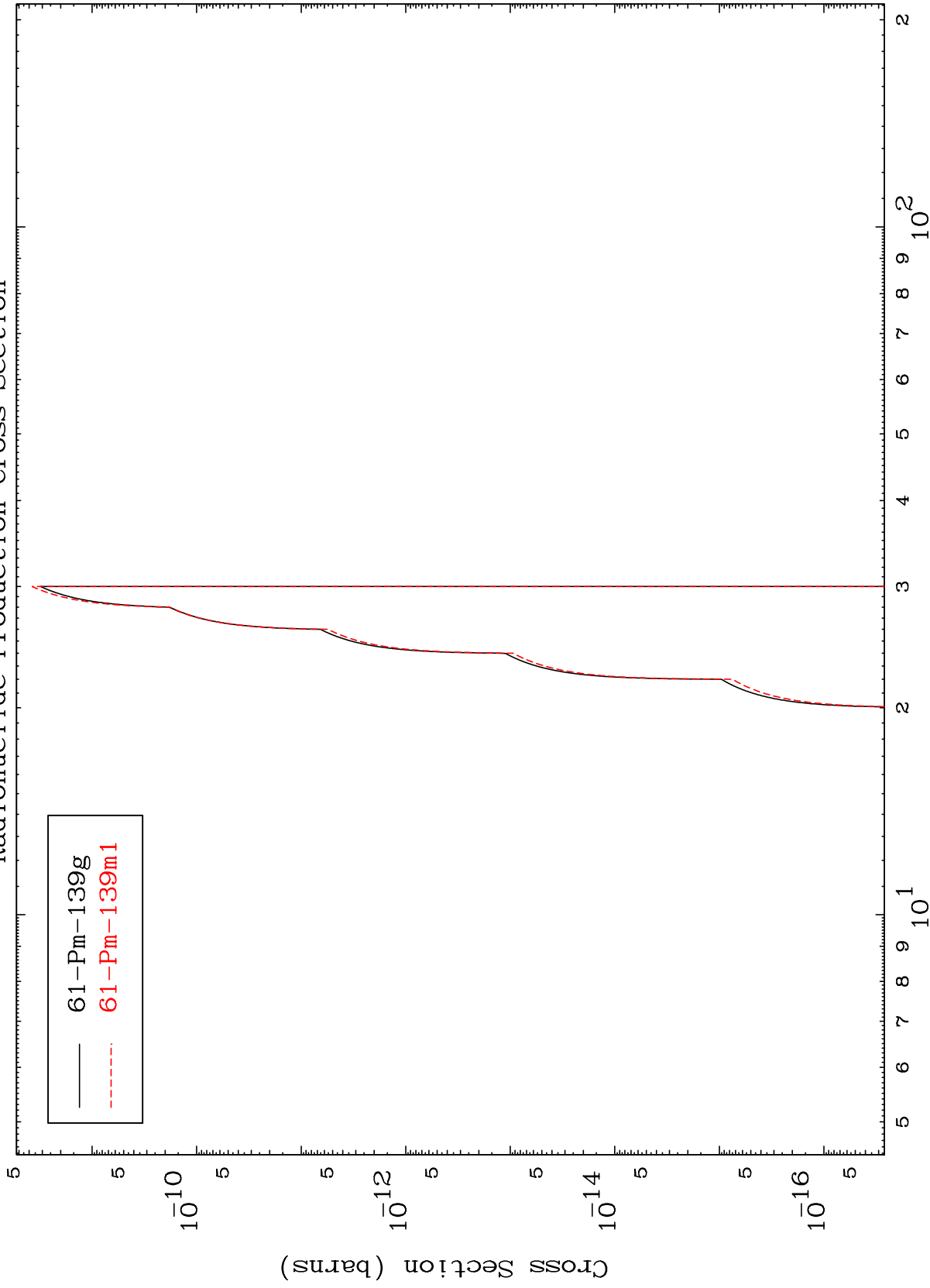
64-Gd-146

MAT 6407

(t,2n) 2α

64-Gd-146

Radionuclide Production Cross Section



18

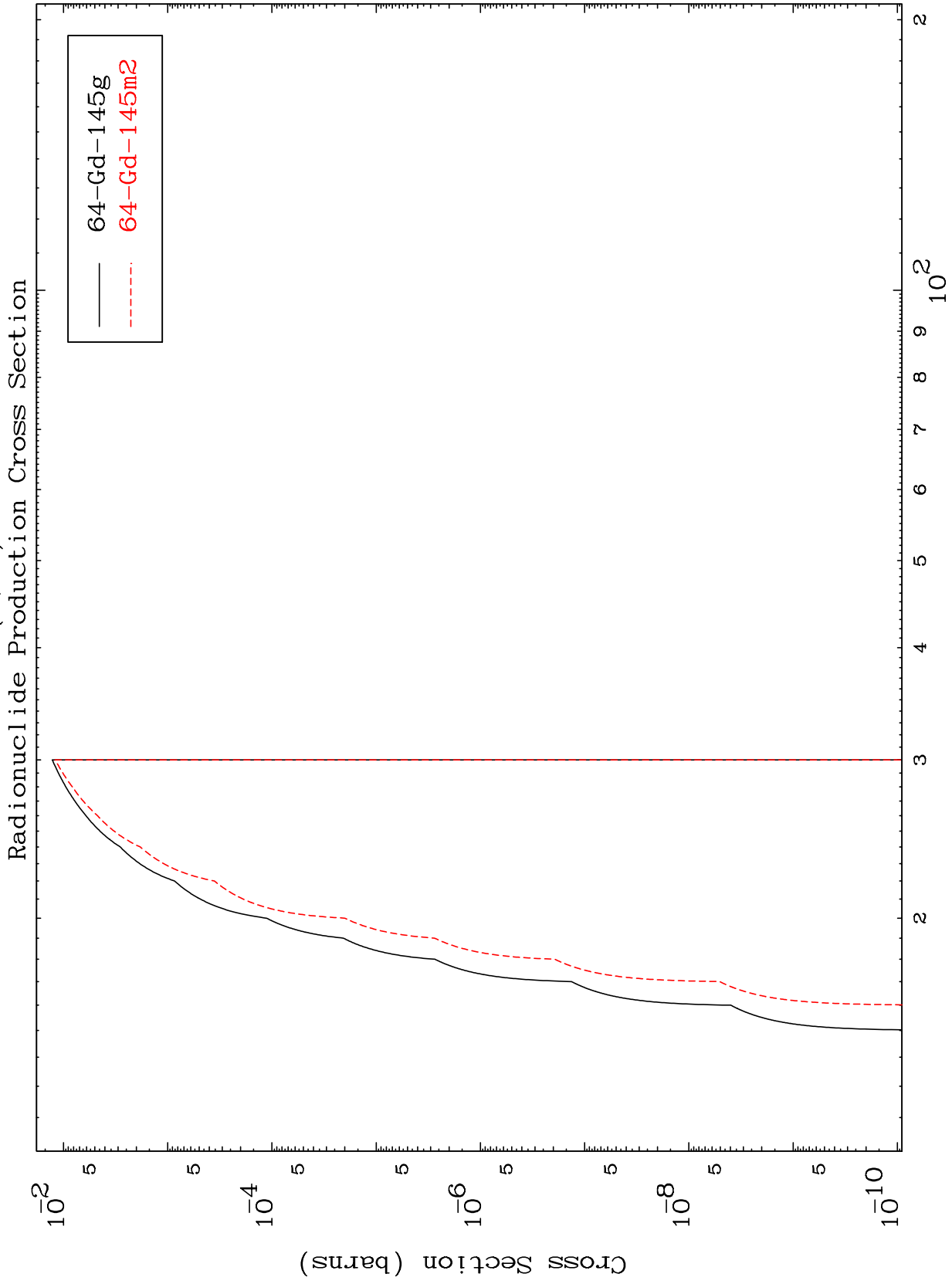
Incident Energy (MeV)

64-Gd-146

MAT 6407

(t,n') t

64-Gd-146



19

64-Gd-146

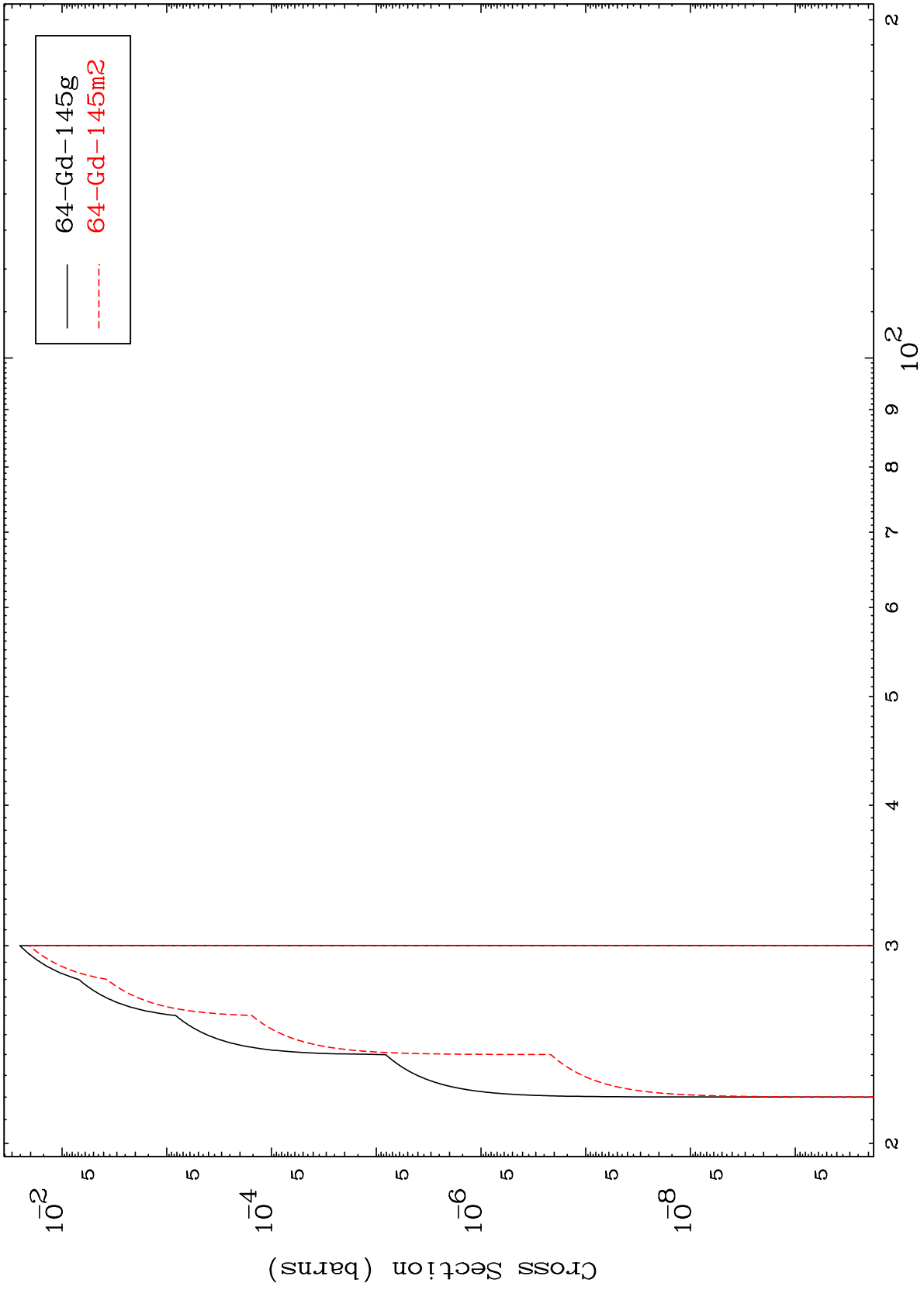
64-Gd-146

MAT 6407

(t,3n) p

64-Gd-146

Radionuclide Production Cross Section



20

Incident Energy (MeV)

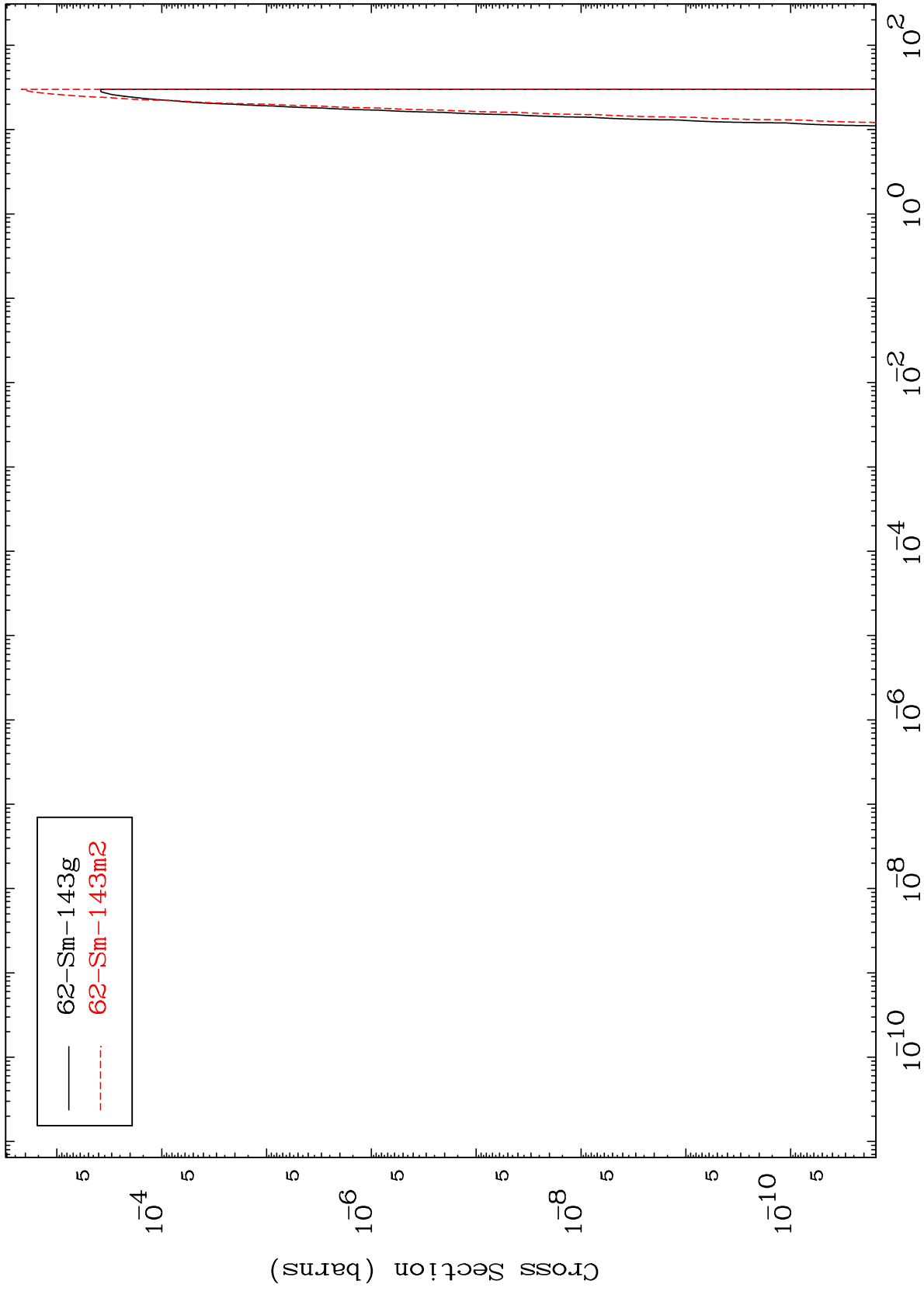
64-Gd-146

MAT 6407

(t,n') p  $\alpha$

64-Gd-146

Radionuclide Production Cross Section



21

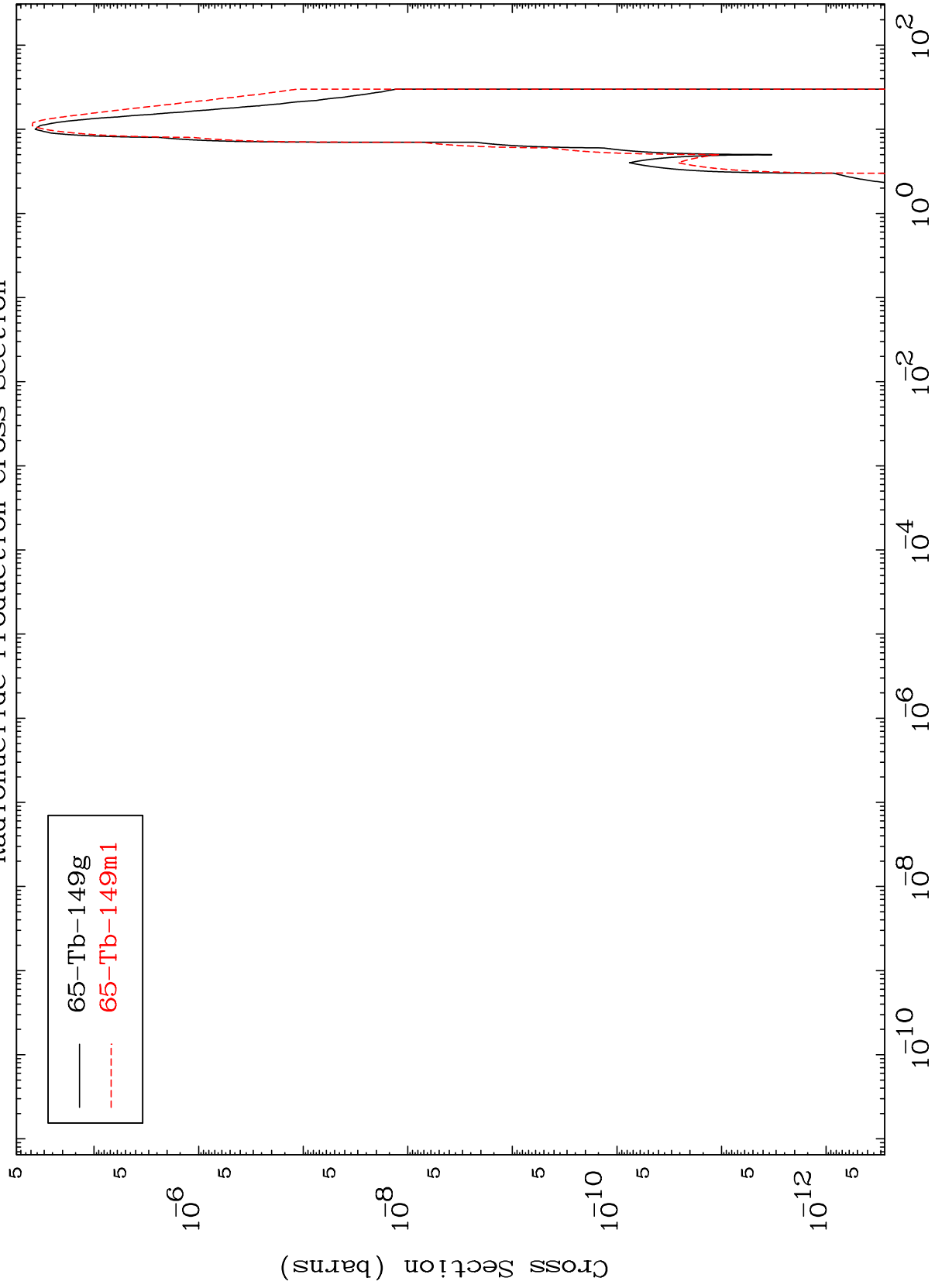
Incident Energy (MeV)

64-Gd-146

MAT 6407

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

64-Gd-146



22

Incident Energy (MeV)

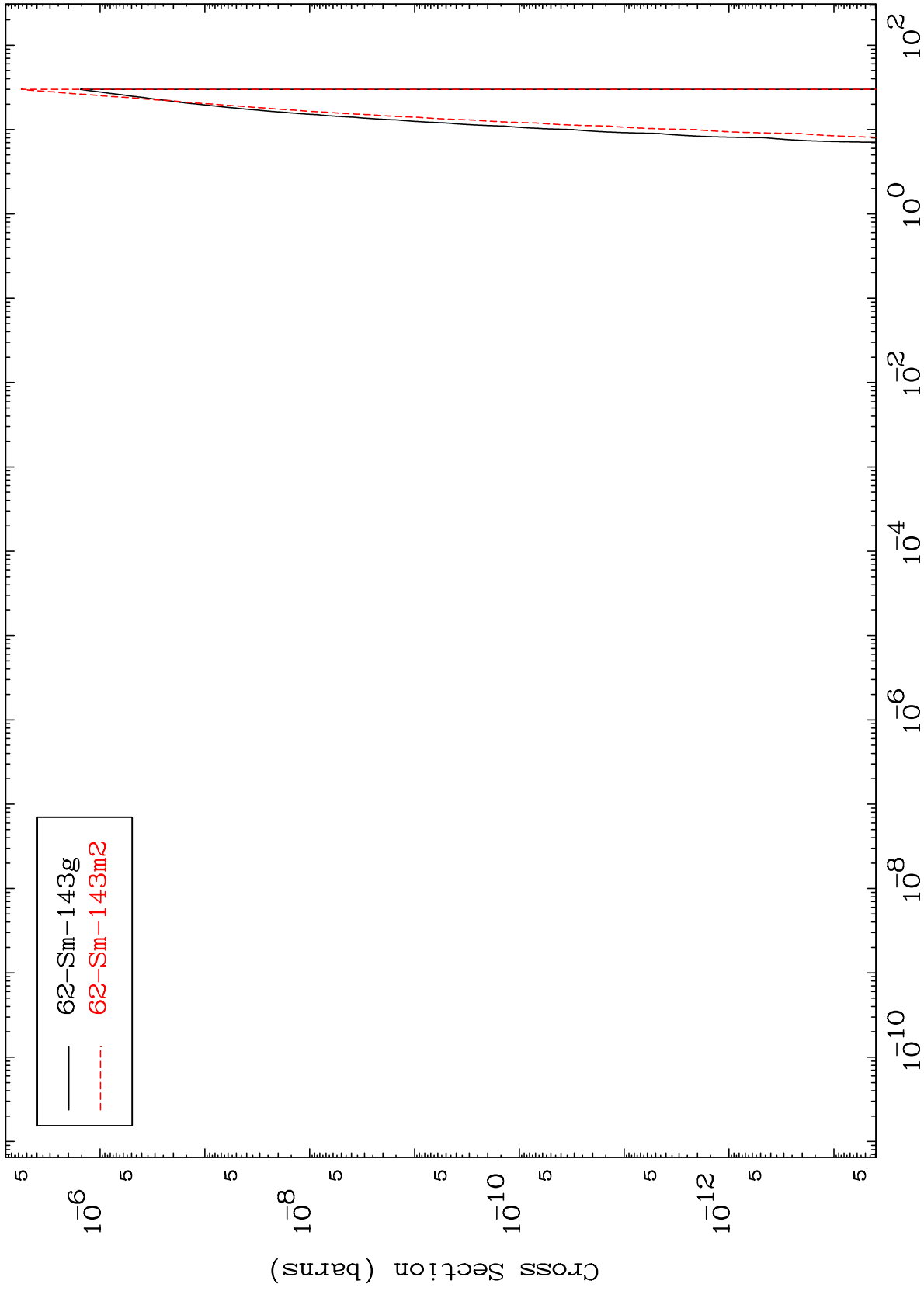
64-Gd-146

MAT 6407

(t,d)  $\alpha$

64-Gd-146

Radionuclide Production Cross Section



23

Incident Energy (MeV)

64-Gd-146