

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

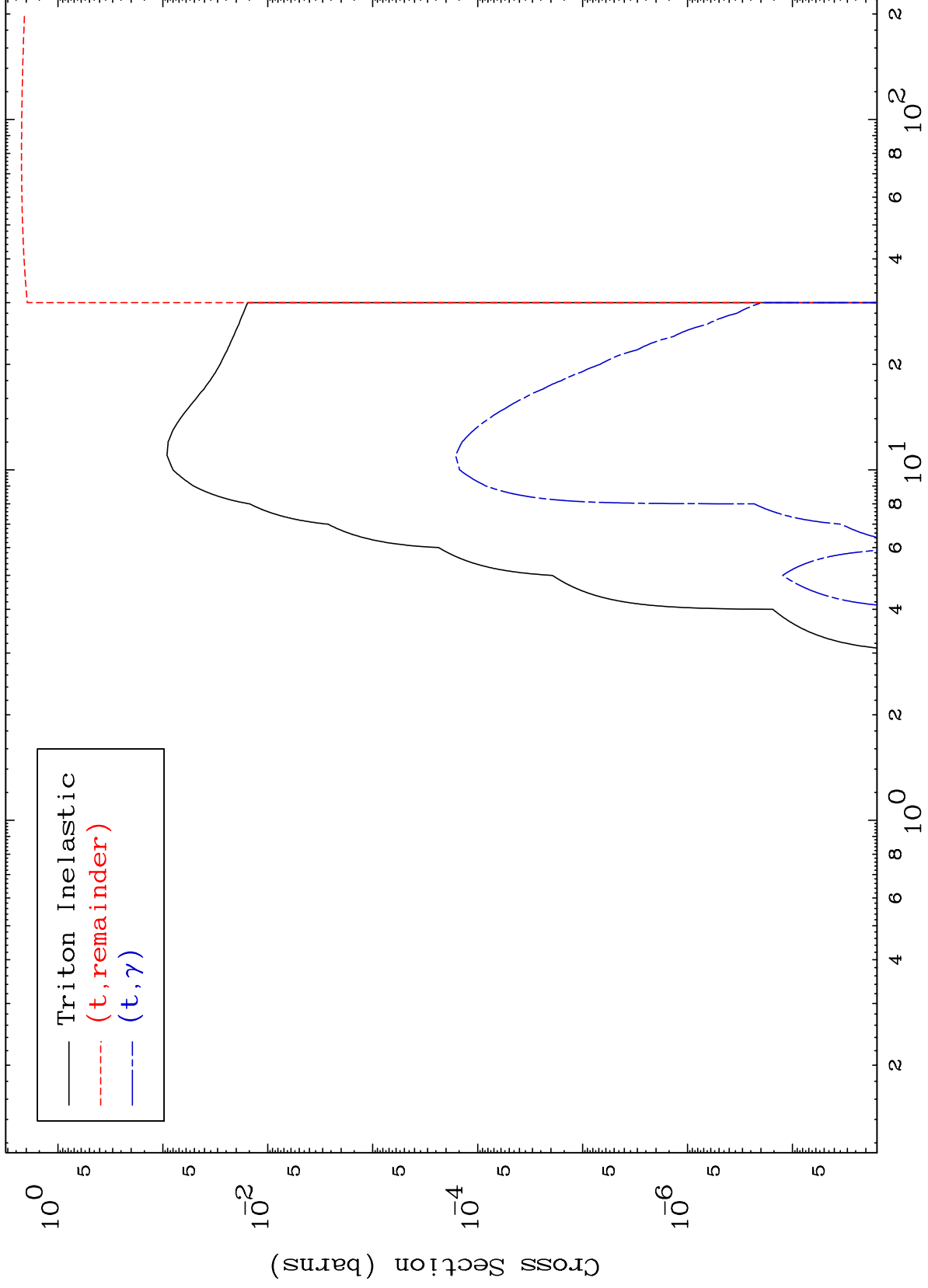
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6401

Triton Major  
0 Kelvin Cross Sections

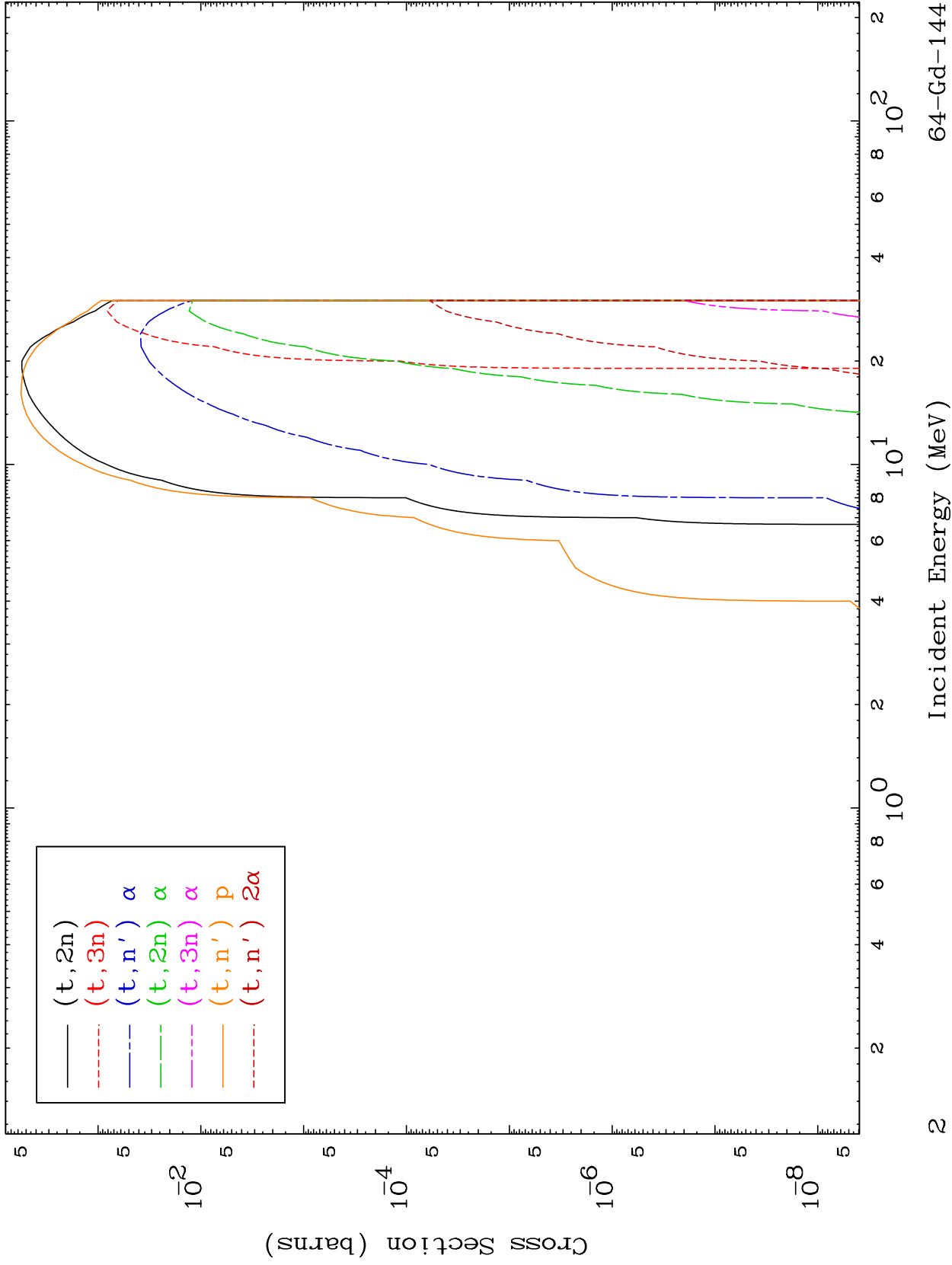
64-Gd-144

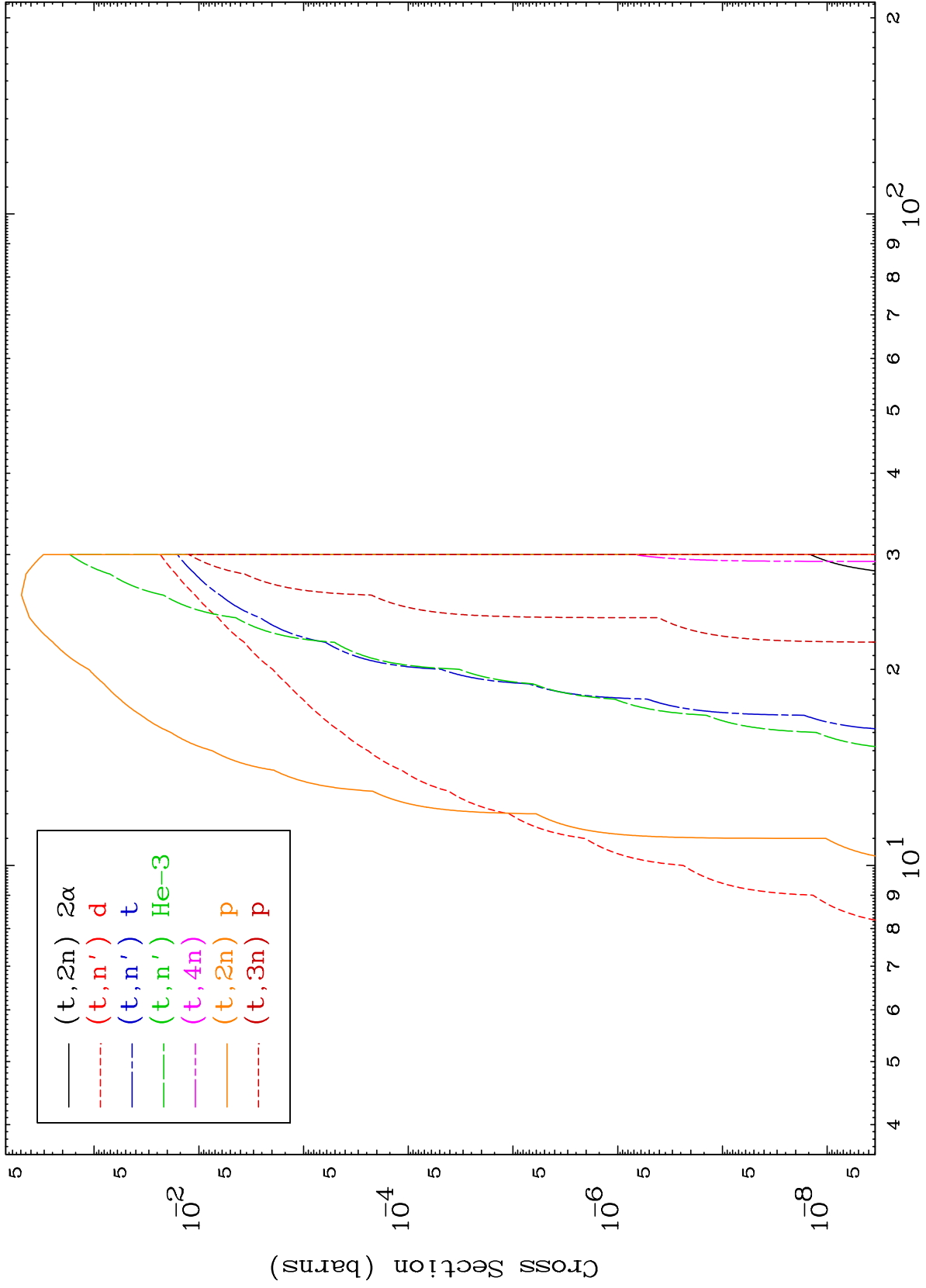


MAT 6401

Triton Neutron Production  
0 Kelvin Cross Sections

64-Gd-144

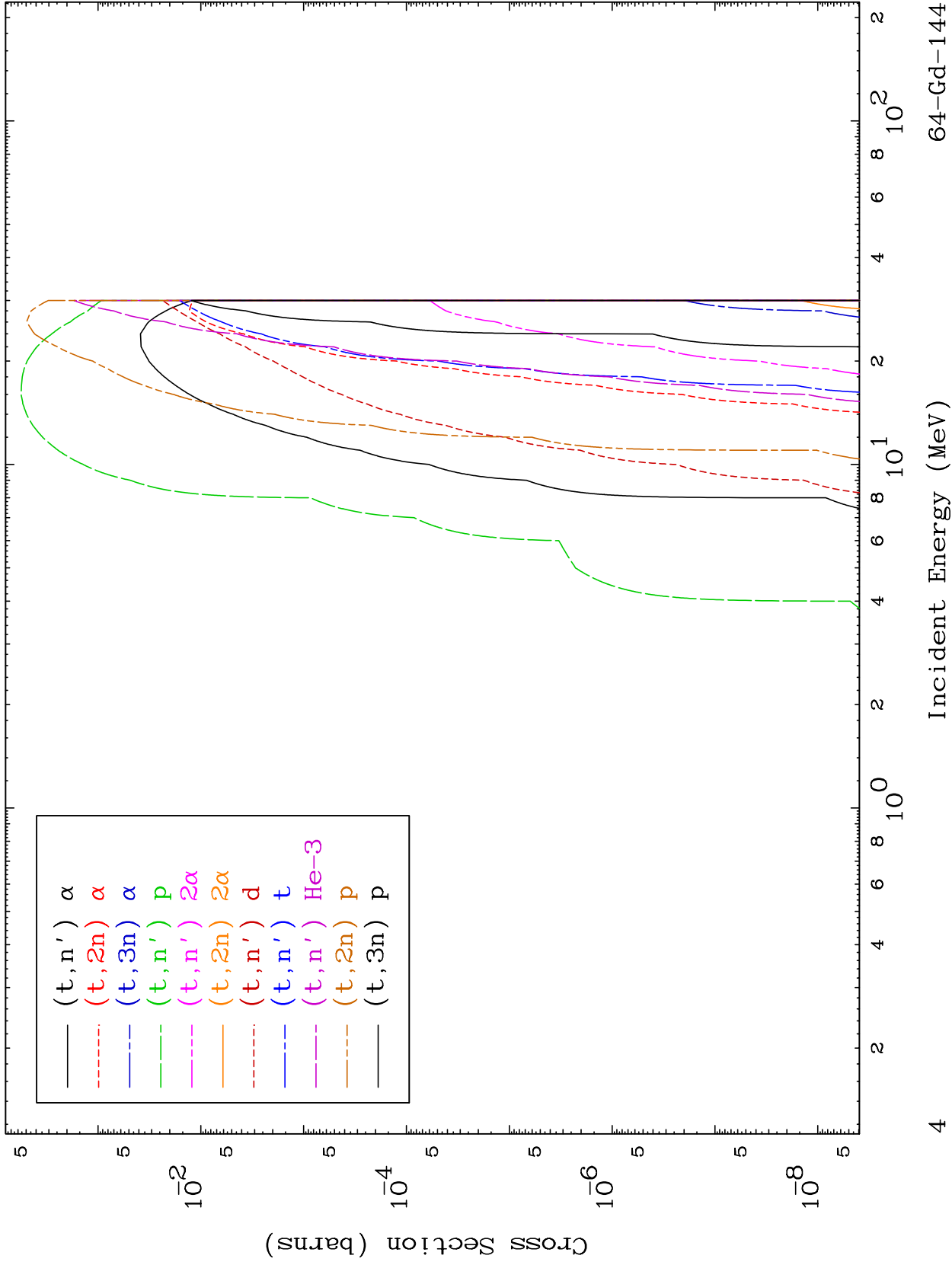




MAT 6401

Triton Charged Particle  
0 Kelvin Cross Sections

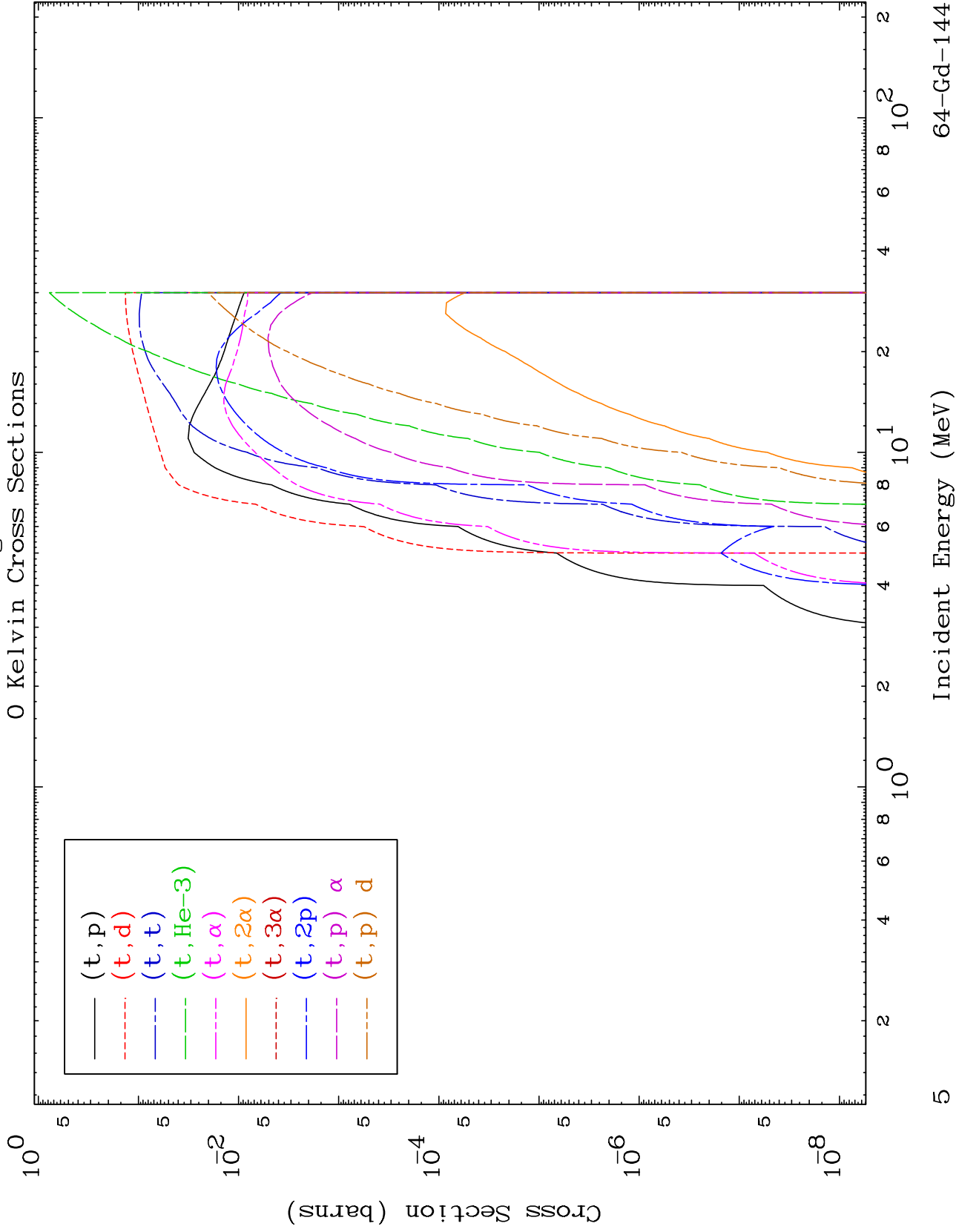
64-Gd-144



MAT 6401

Triton Charged Particle  
0 Kelvin Cross Sections

64-Gd-144

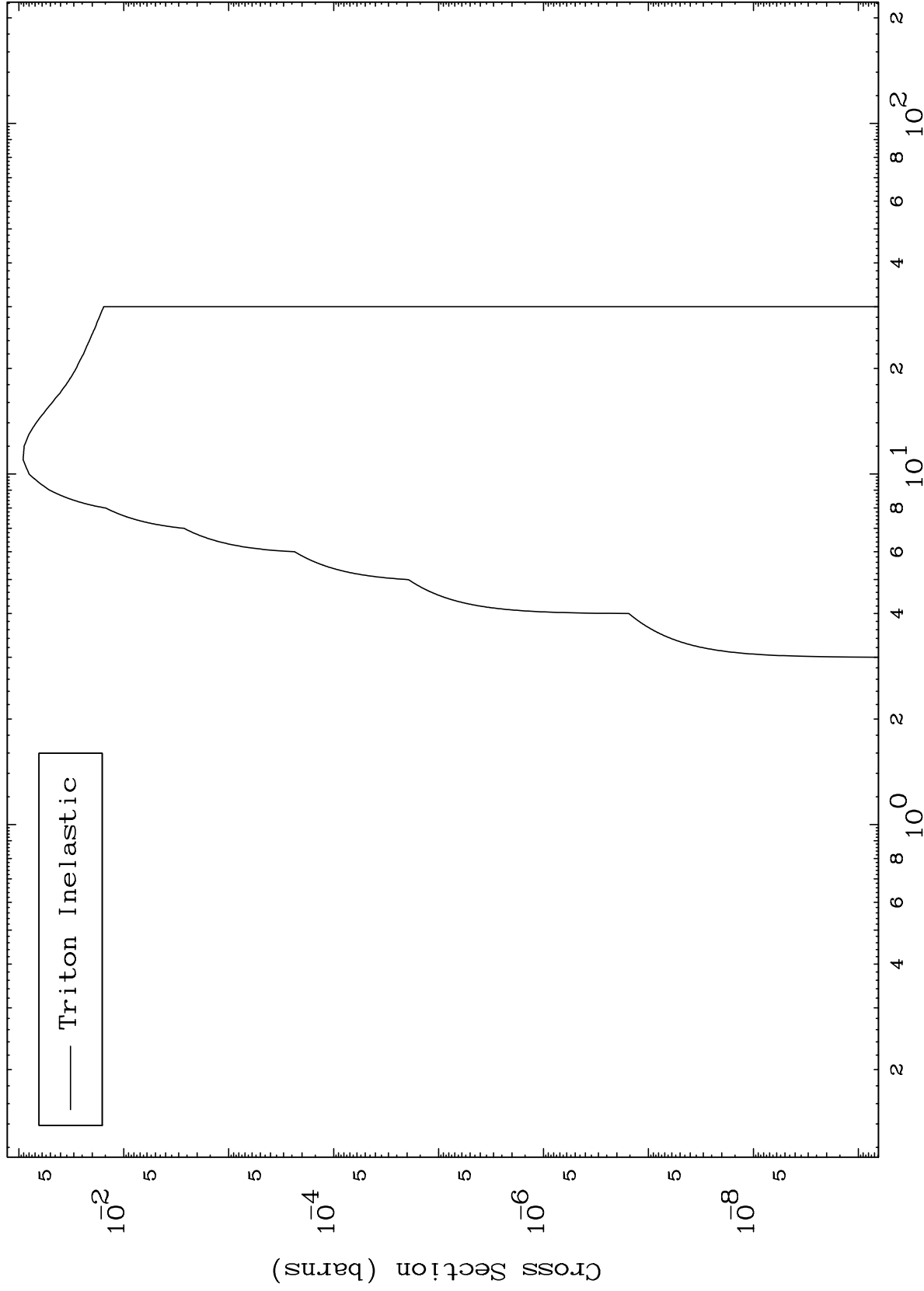


MAT 6401

(t, n') Level

64-Gd-144

0 Kelvin Cross Sections



6

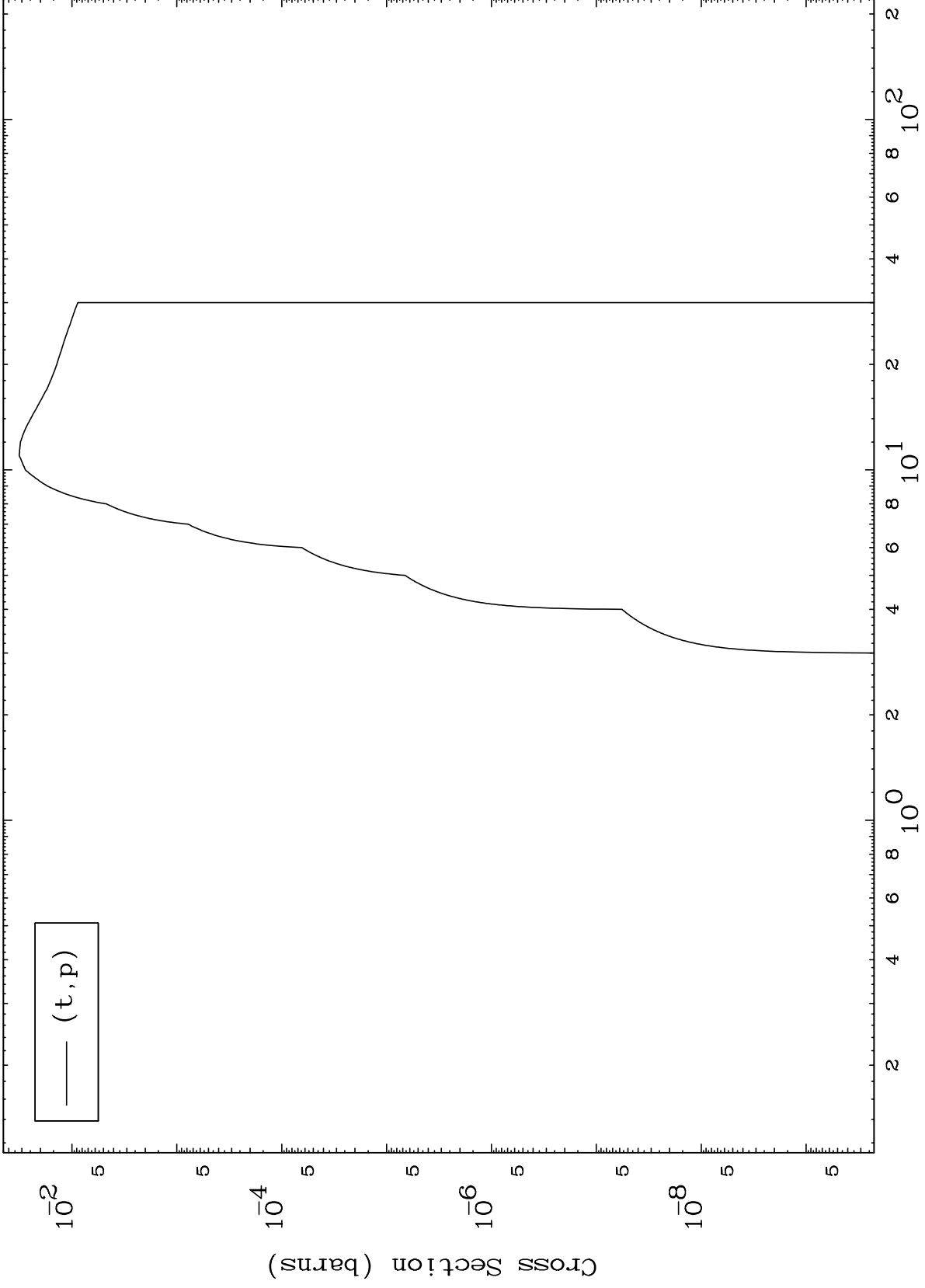
Incident Energy (MeV)

64-Gd-144

MAT 6401

64-Gd-144

(t,p) Levels  
0 Kelvin Cross Sections

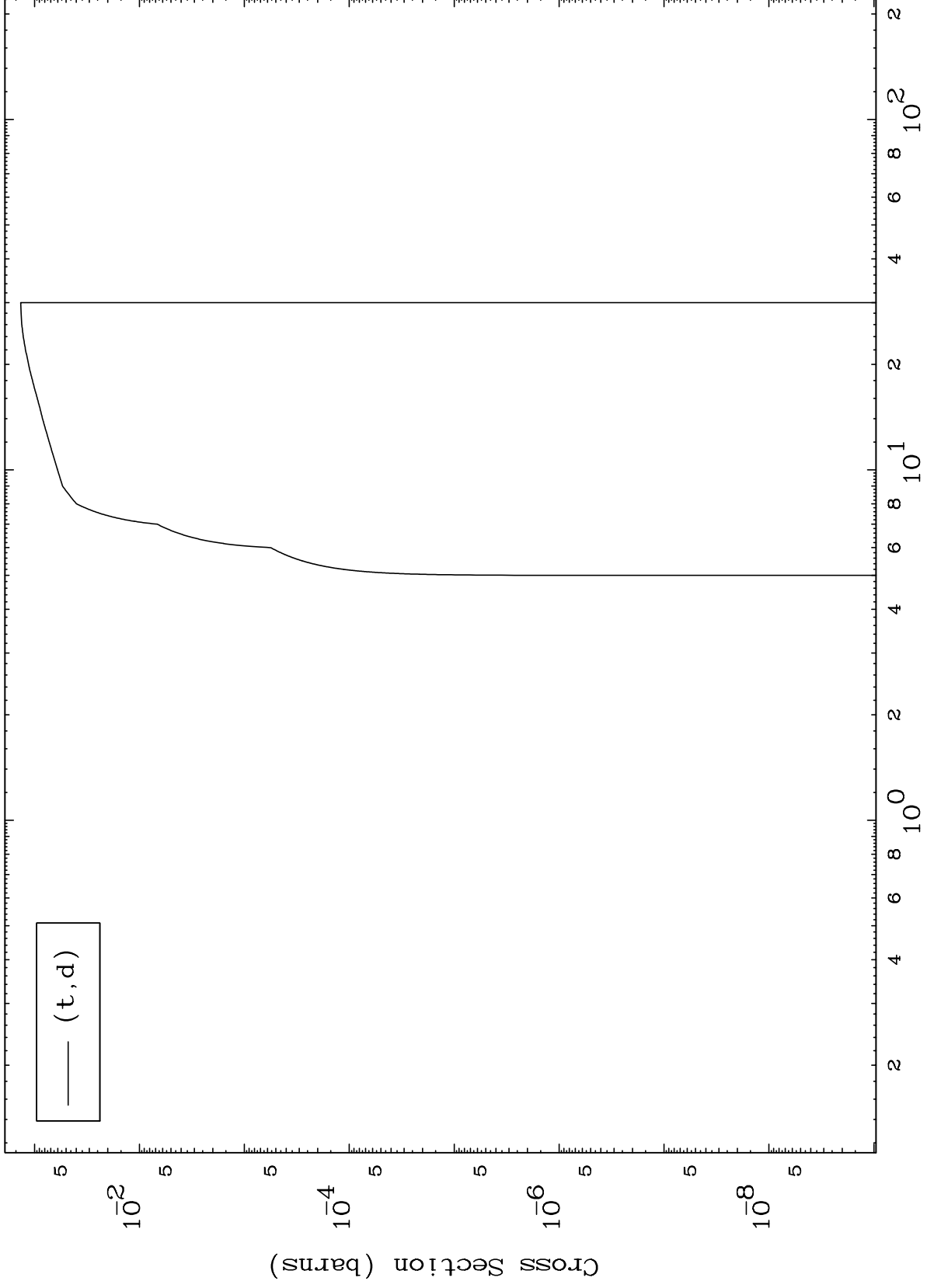




MAT 6401

(t,d) Levels  
0 Kelvin Cross Sections

64-Gd-144

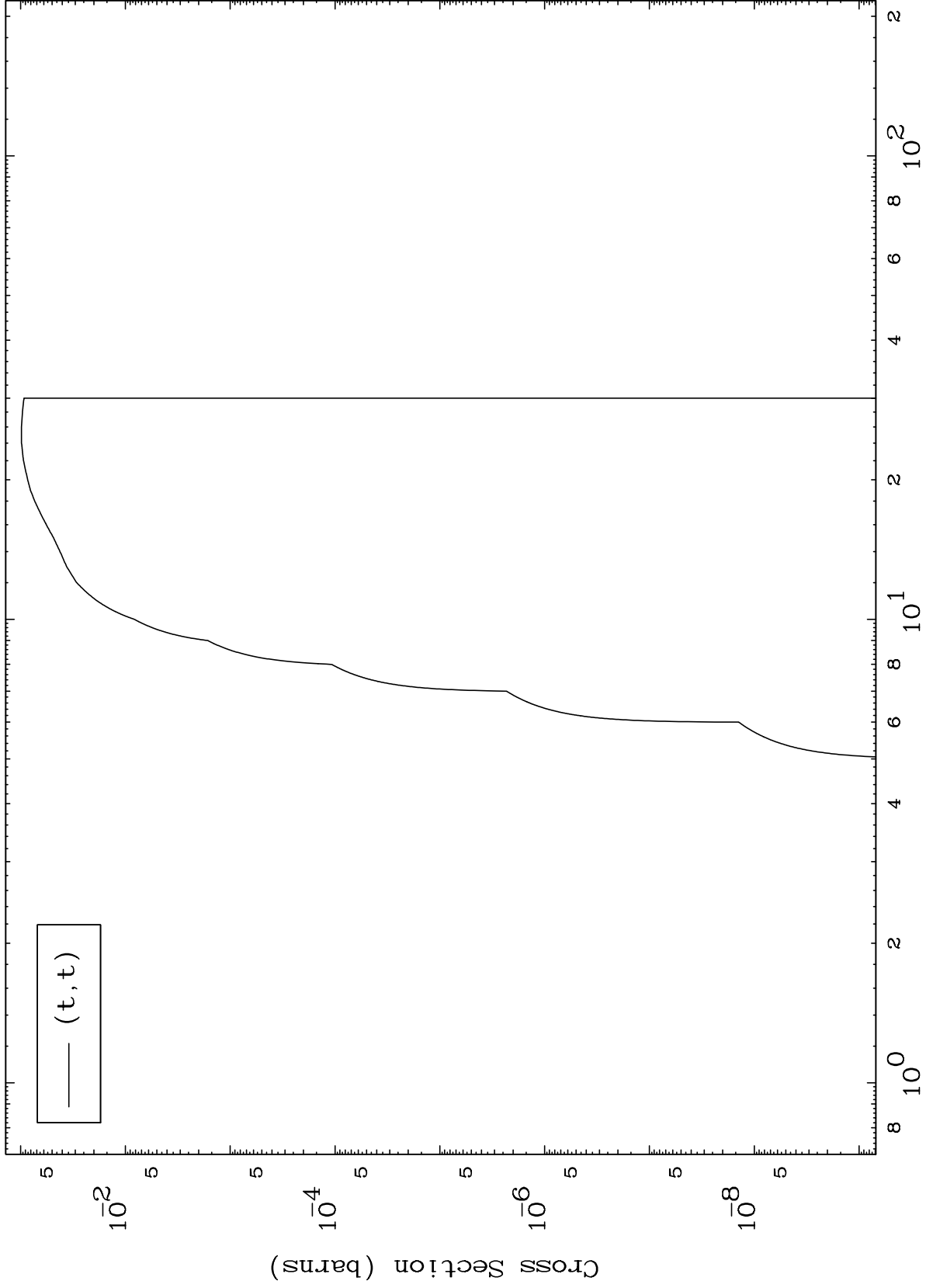


(t,d)

MAT 6401

64-Gd-144

(t, t) Levels  
0 Kelvin Cross Sections



9

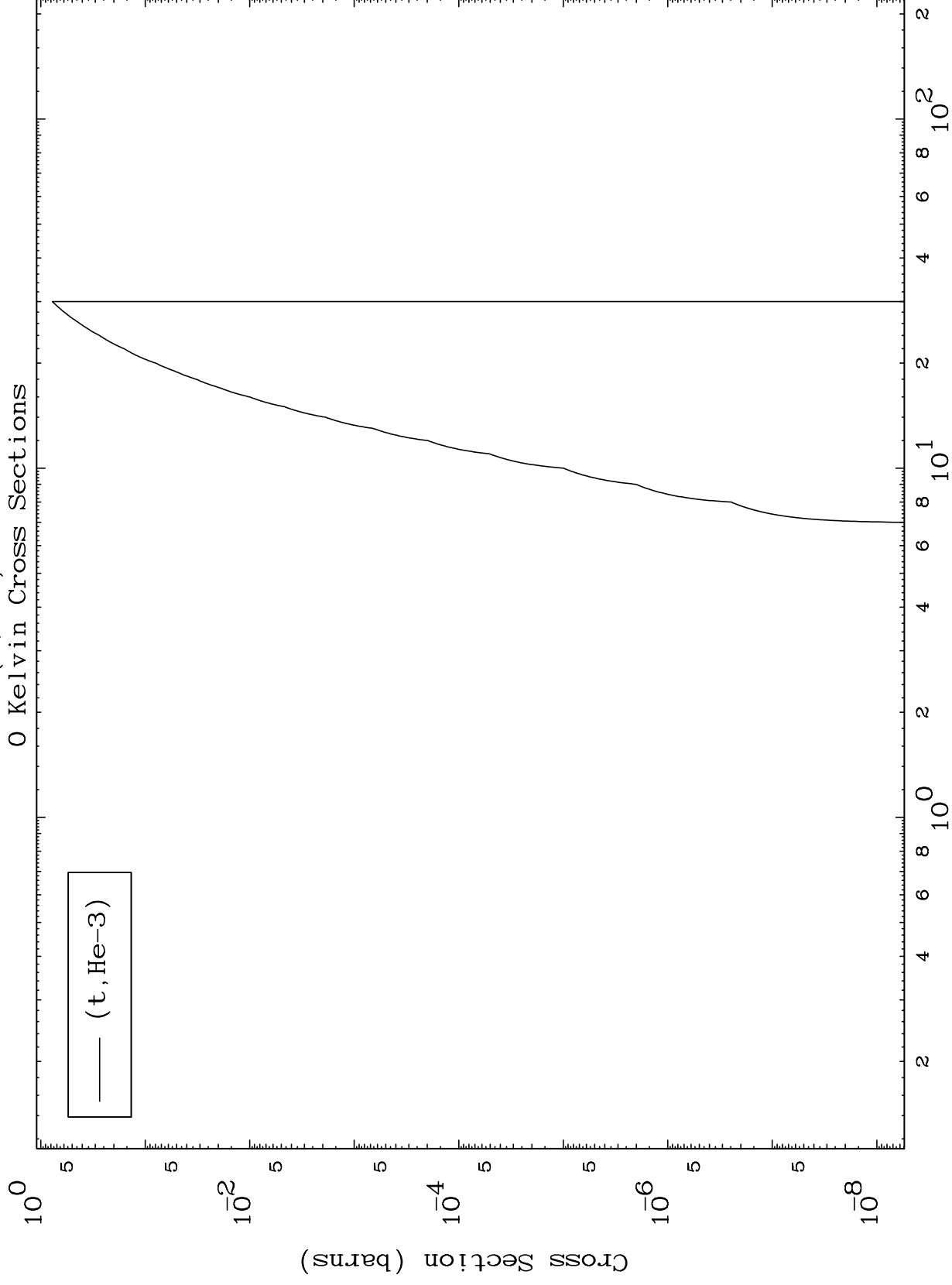
Incident Energy (MeV)

64-Gd-144

MAT 6401

(t,He3) Levels

64-Gd-144



10

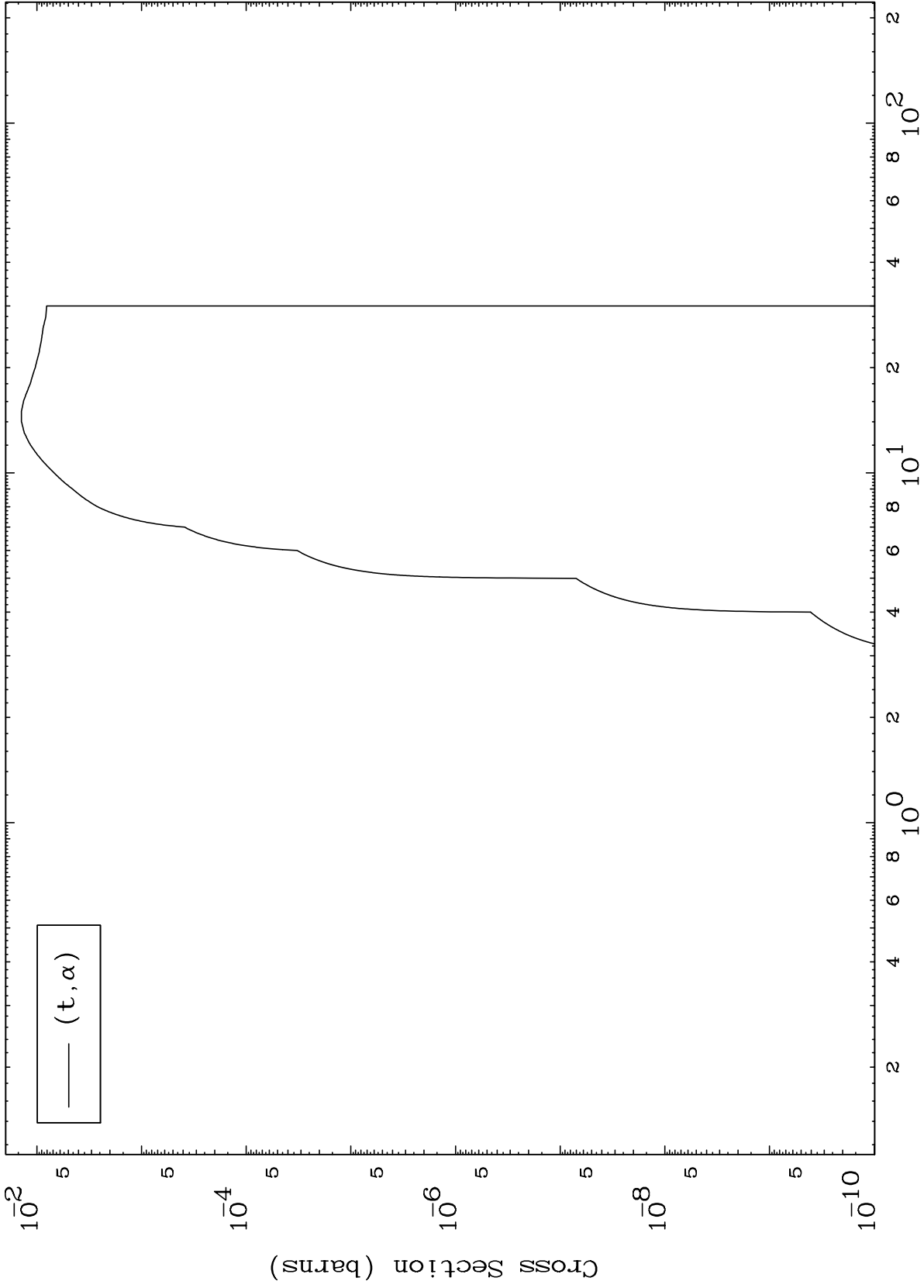
Incident Energy (MeV)

64-Gd-144

MAT 6401

64-Gd-144

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



11

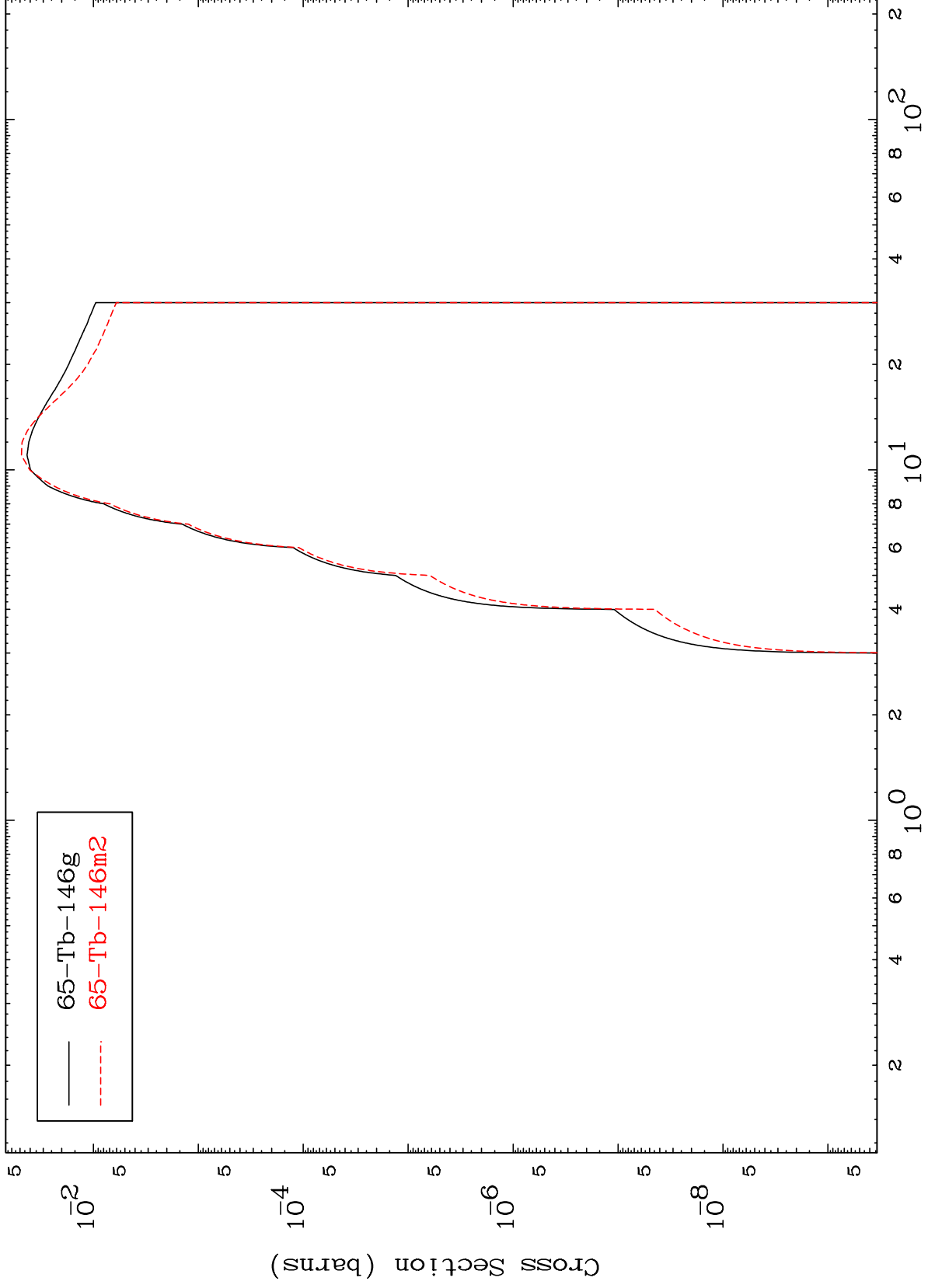
64-Gd-144

Incident Energy (MeV)

MAT 6401

Triton Inelastic  
Radionuclide Production Cross Section

64-Gd-144



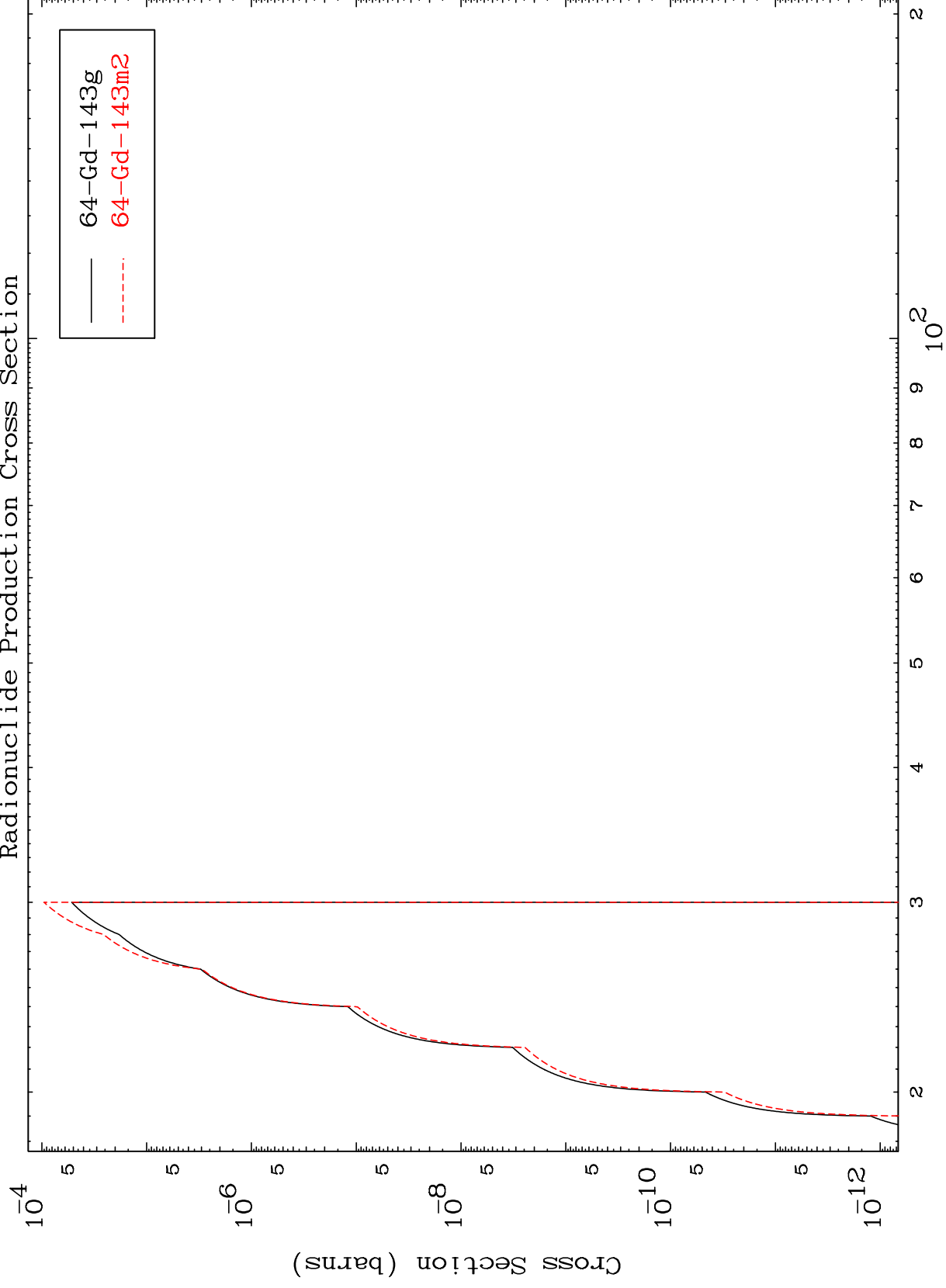
65-Tb-146g  
65-Tb-146m2

MAT 6401

(t,2n) d

64-Gd-144

Radionuclide Production Cross Section



13

Incident Energy (MeV)

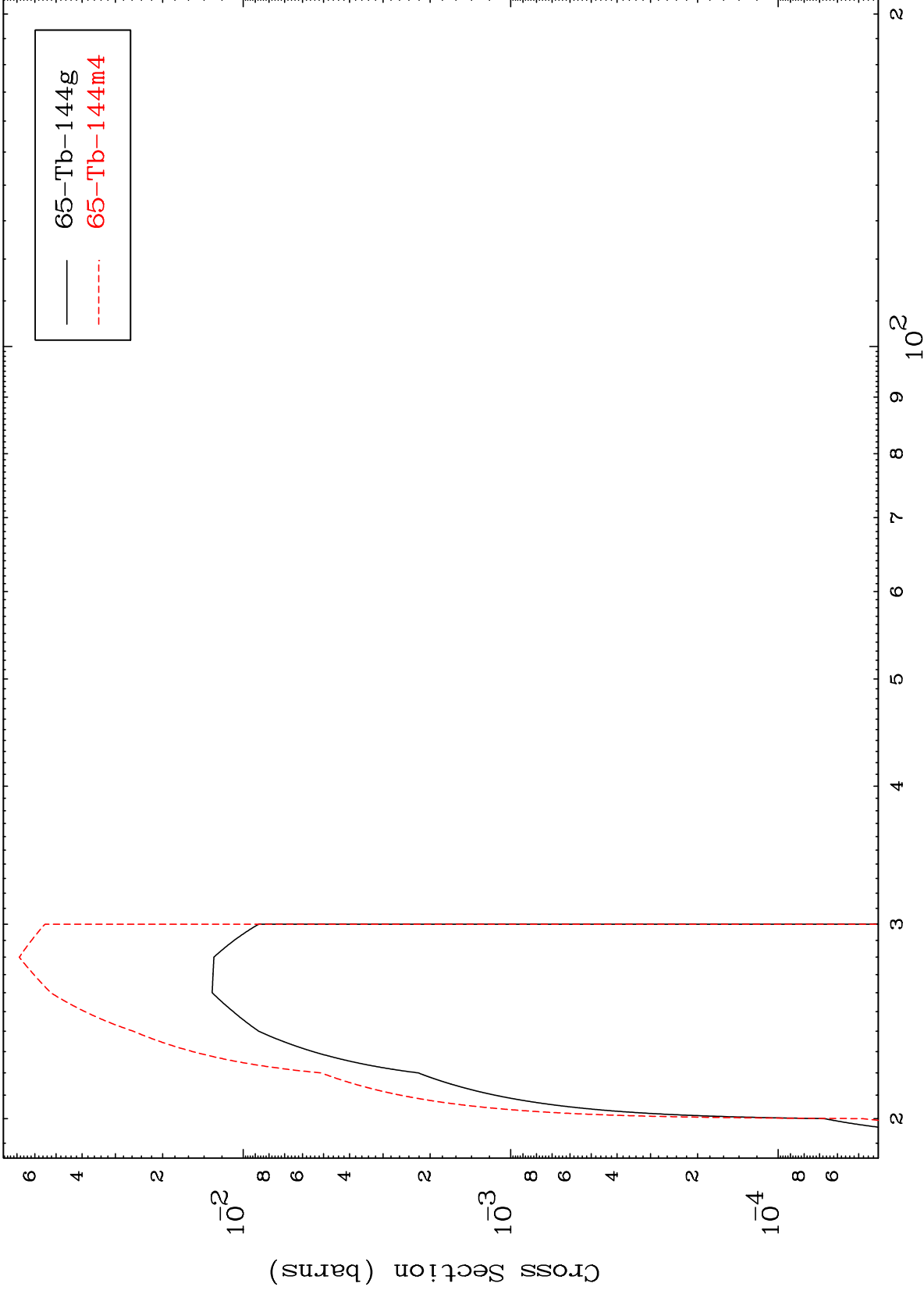
64-Gd-144

MAT 6401

(t,3n)

64-Gd-144

Radionuclide Production Cross Section



14

Incident Energy (MeV)

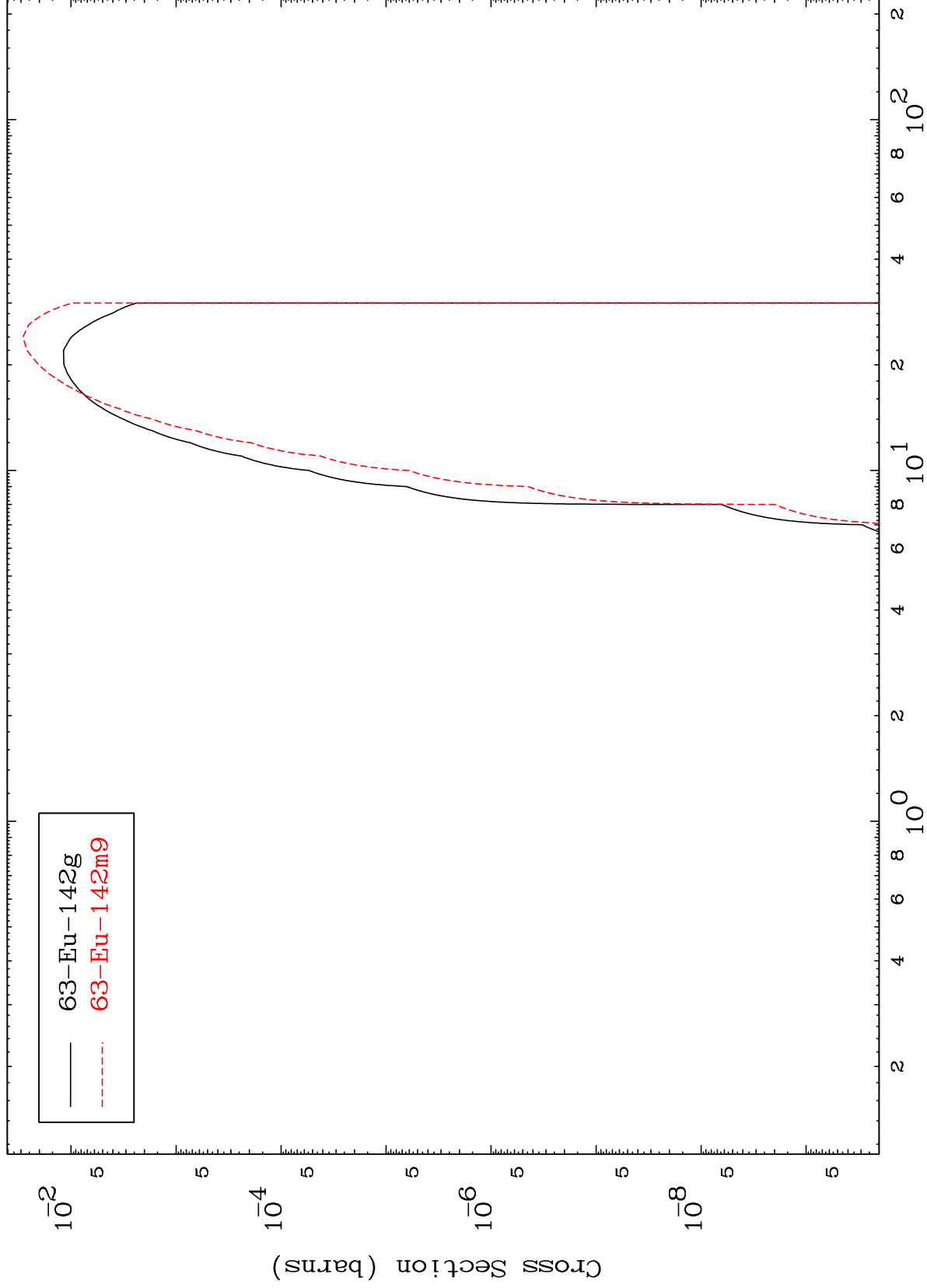
64-Gd-144

MAT 6401

$(t, n') \alpha$

$^{64}\text{Gd}-144$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

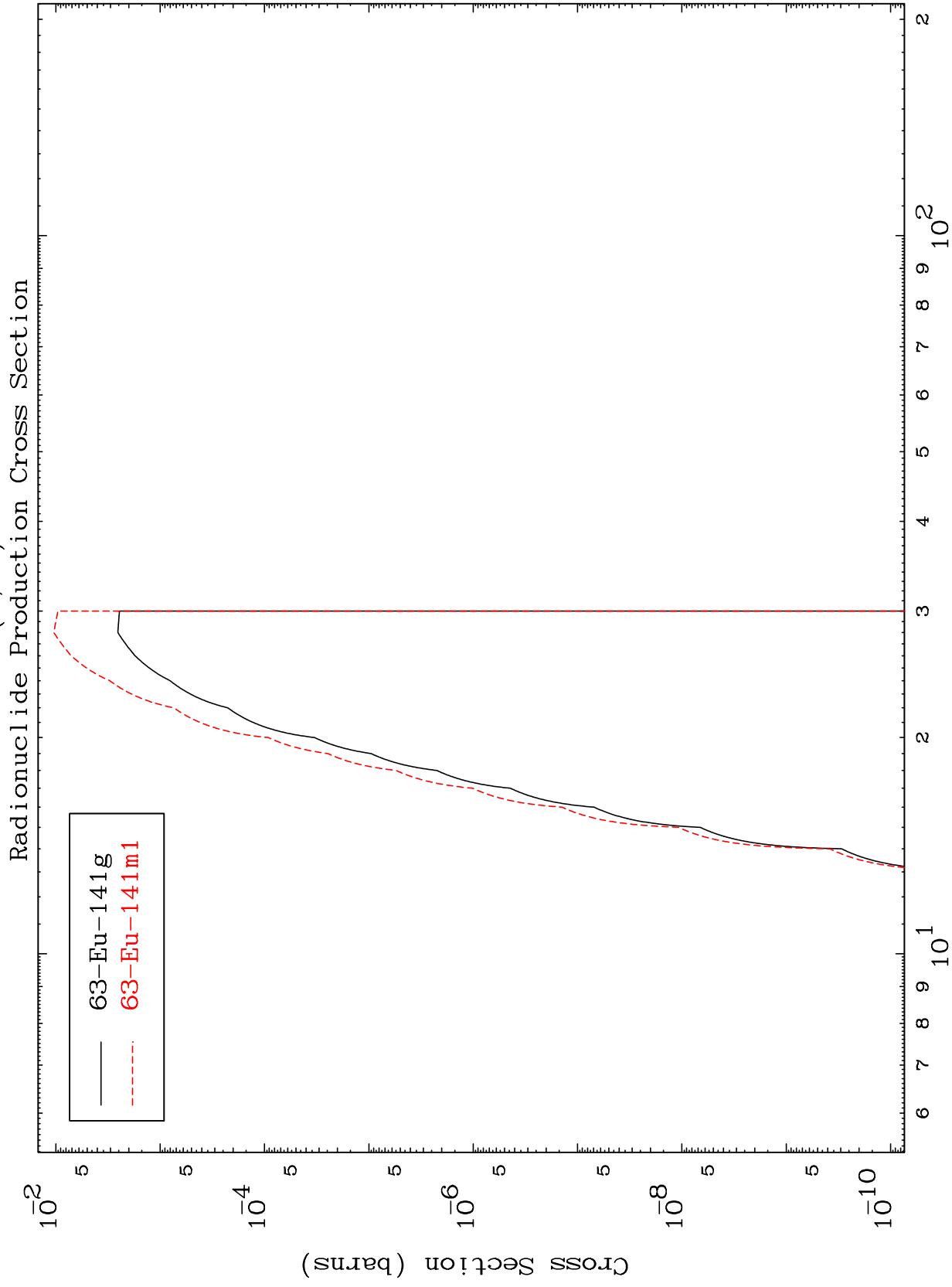
$^{64}\text{Gd}-144$



MAT 6401

(t,2n)  $\alpha$

64-Gd-144



16

Incident Energy (MeV)

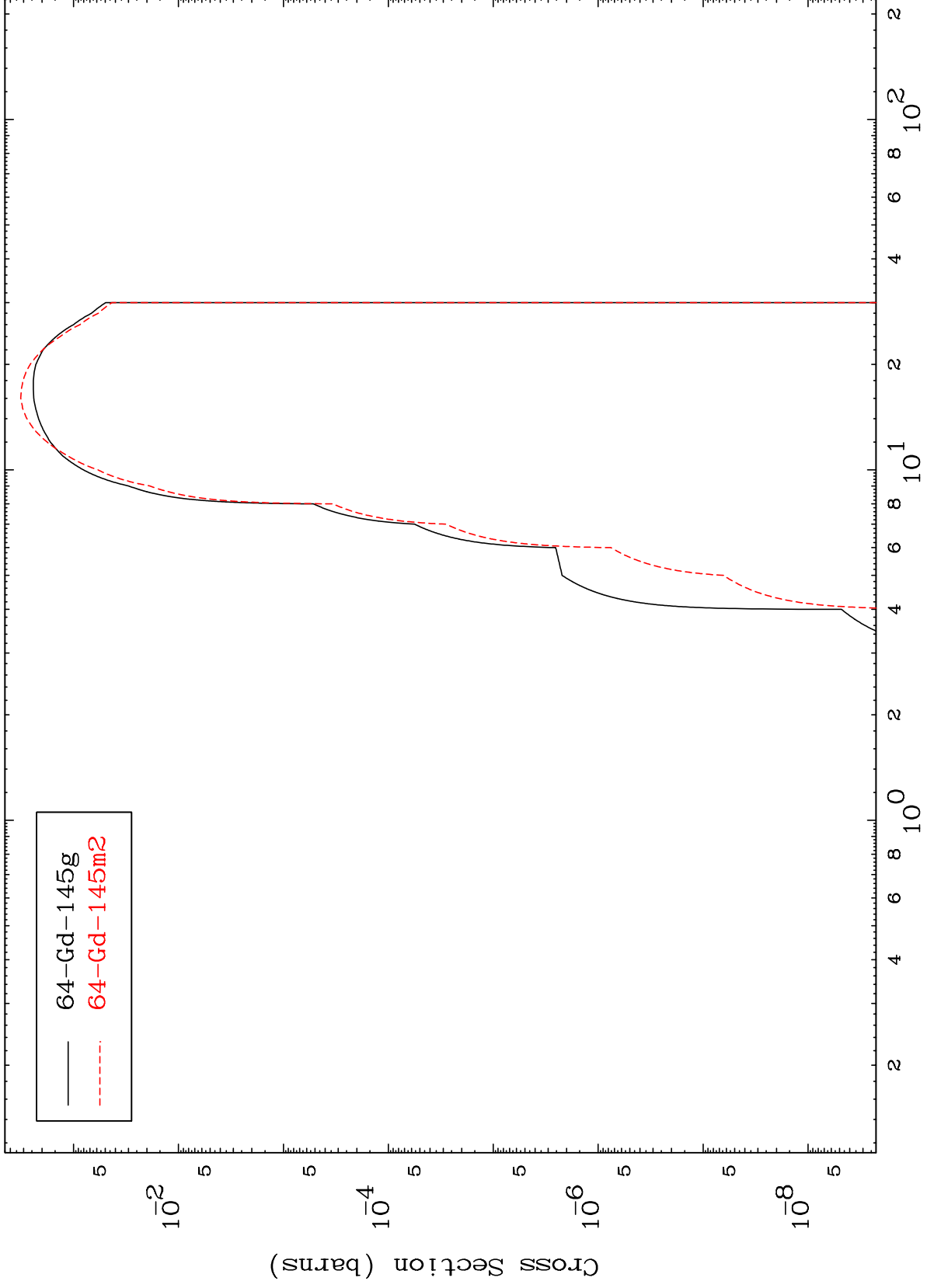
64-Gd-144

MAT 6401

(t,n') p

64-Gd-144

Radionuclide Production Cross Section



17

Incident Energy (MeV)

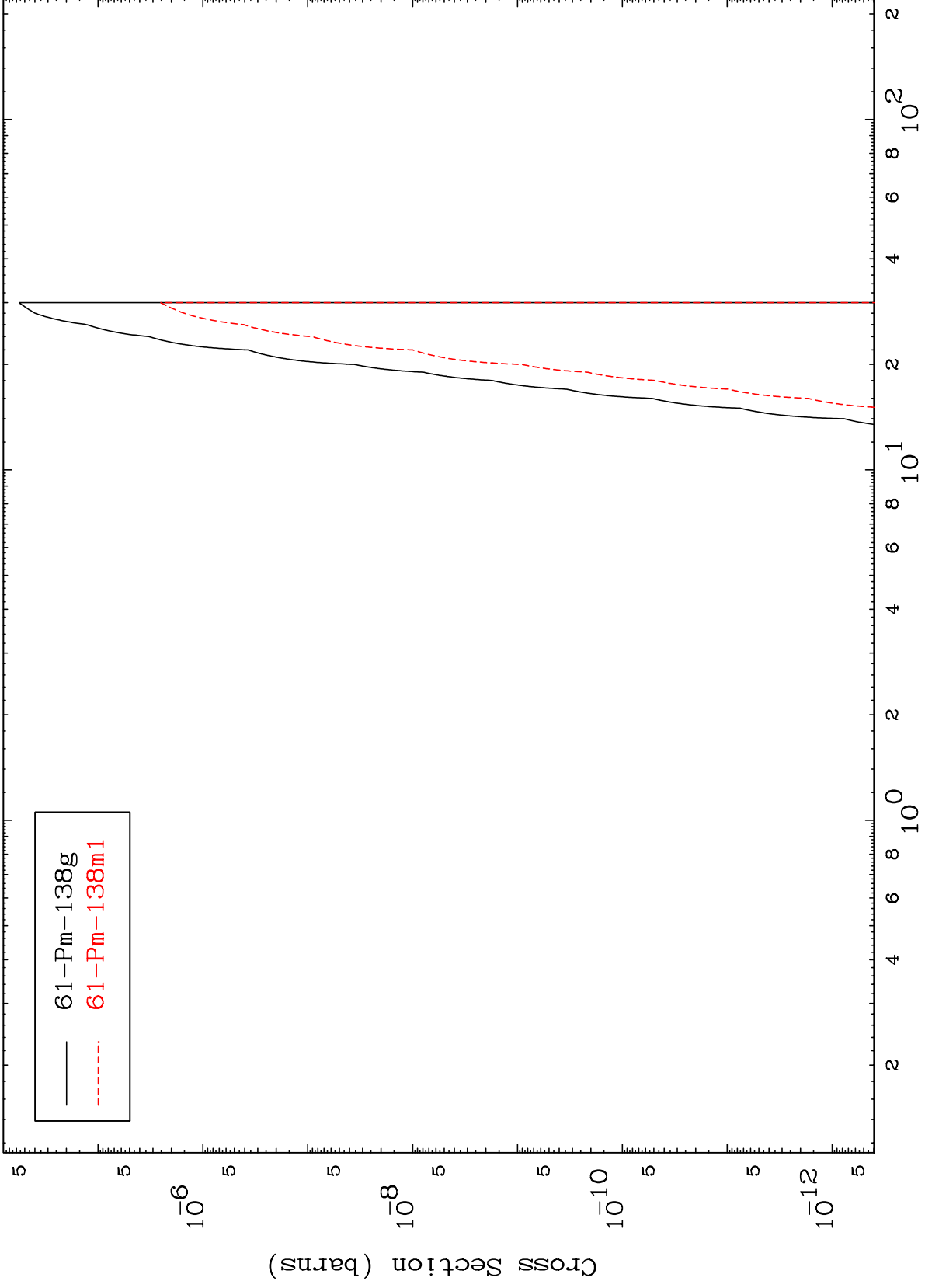
64-Gd-144

MAT 6401

(t,n') 2 $\alpha$

64-Gd-144

Radionuclide Production Cross Section



18

Incident Energy (MeV)

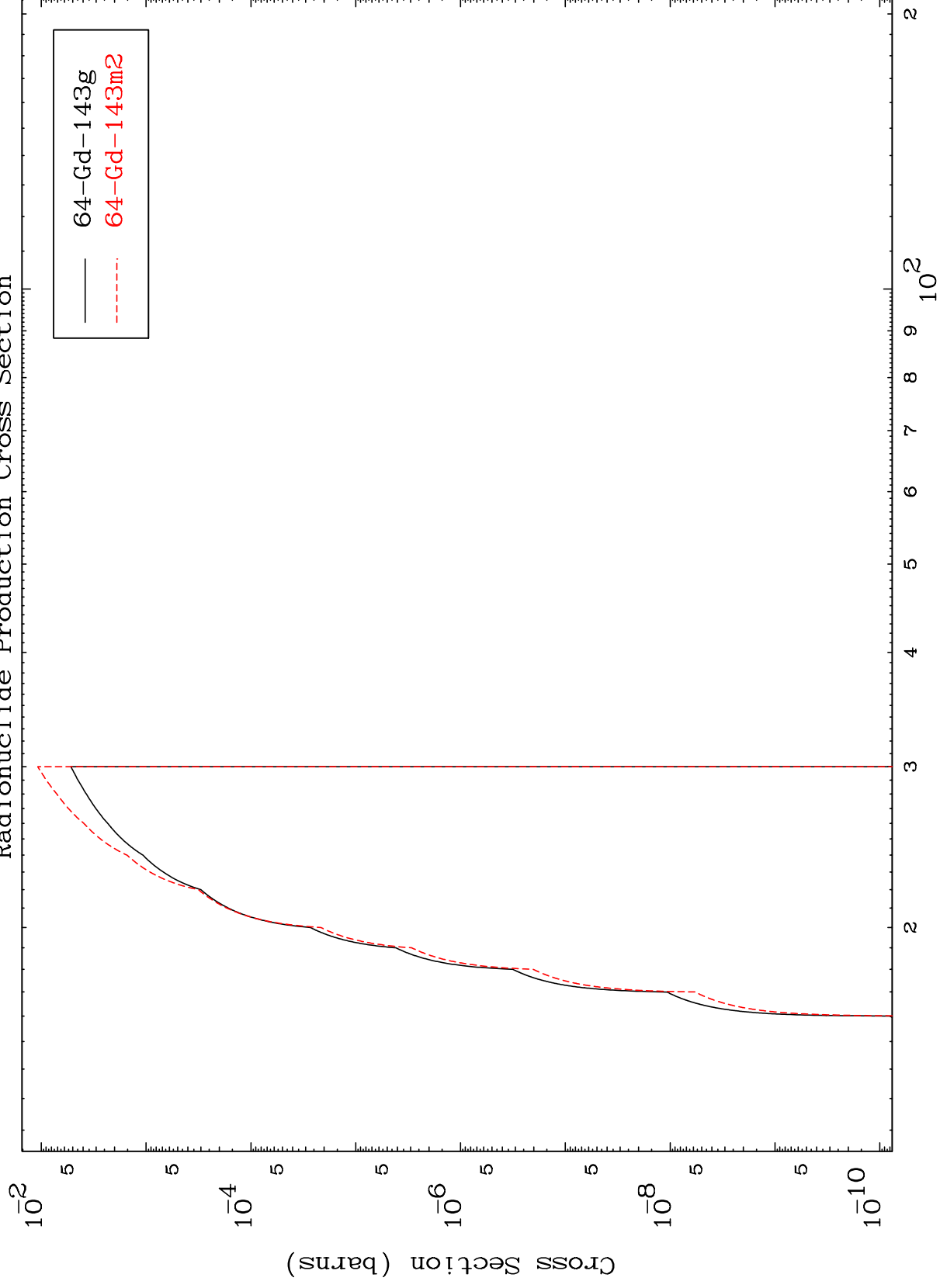
64-Gd-144

MAT 6401

(t,n') t

64-Gd-144

Radionuclide Production Cross Section



19

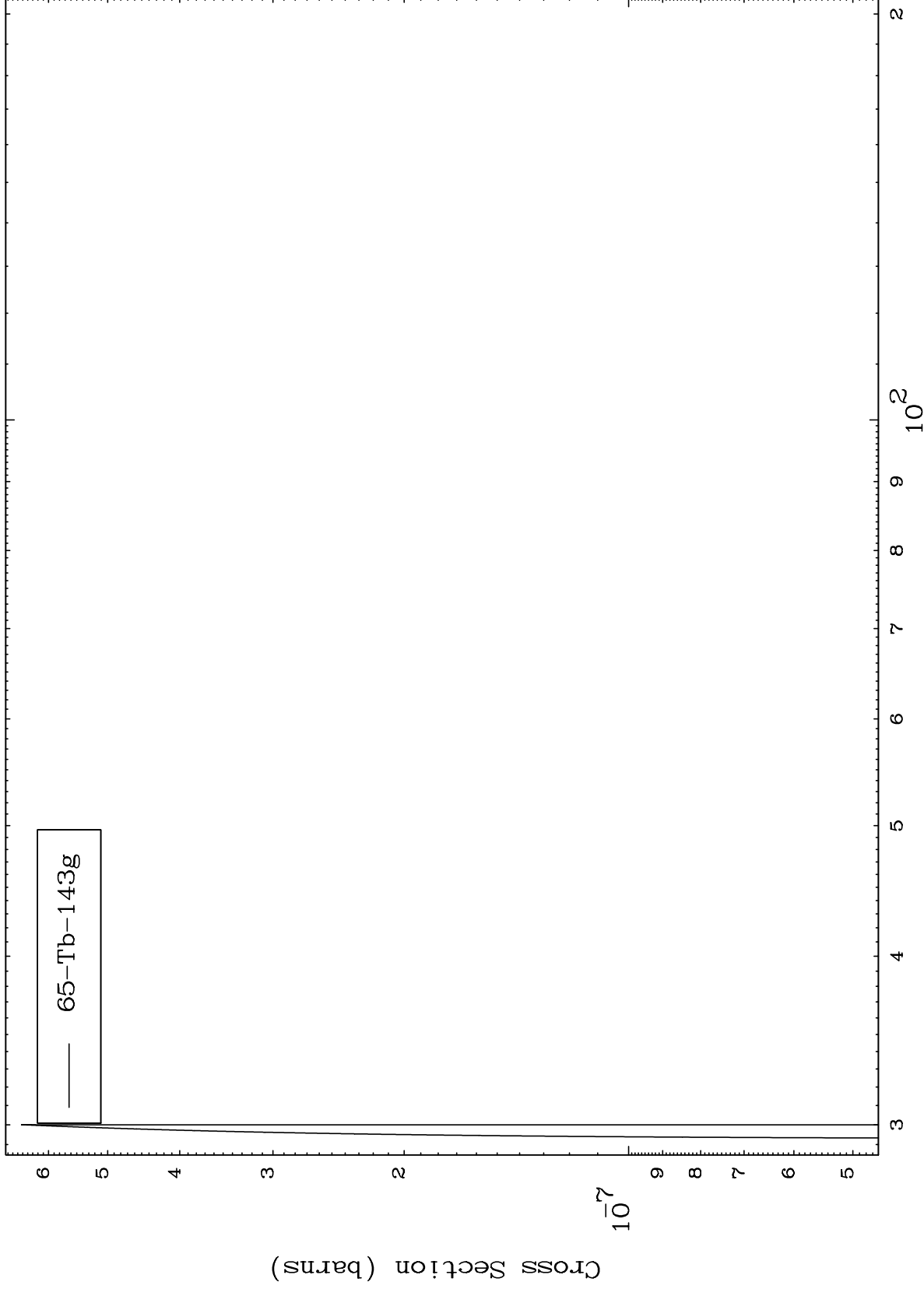
Incident Energy (MeV)

64-Gd-144

MAT 6401

64-Gd-144

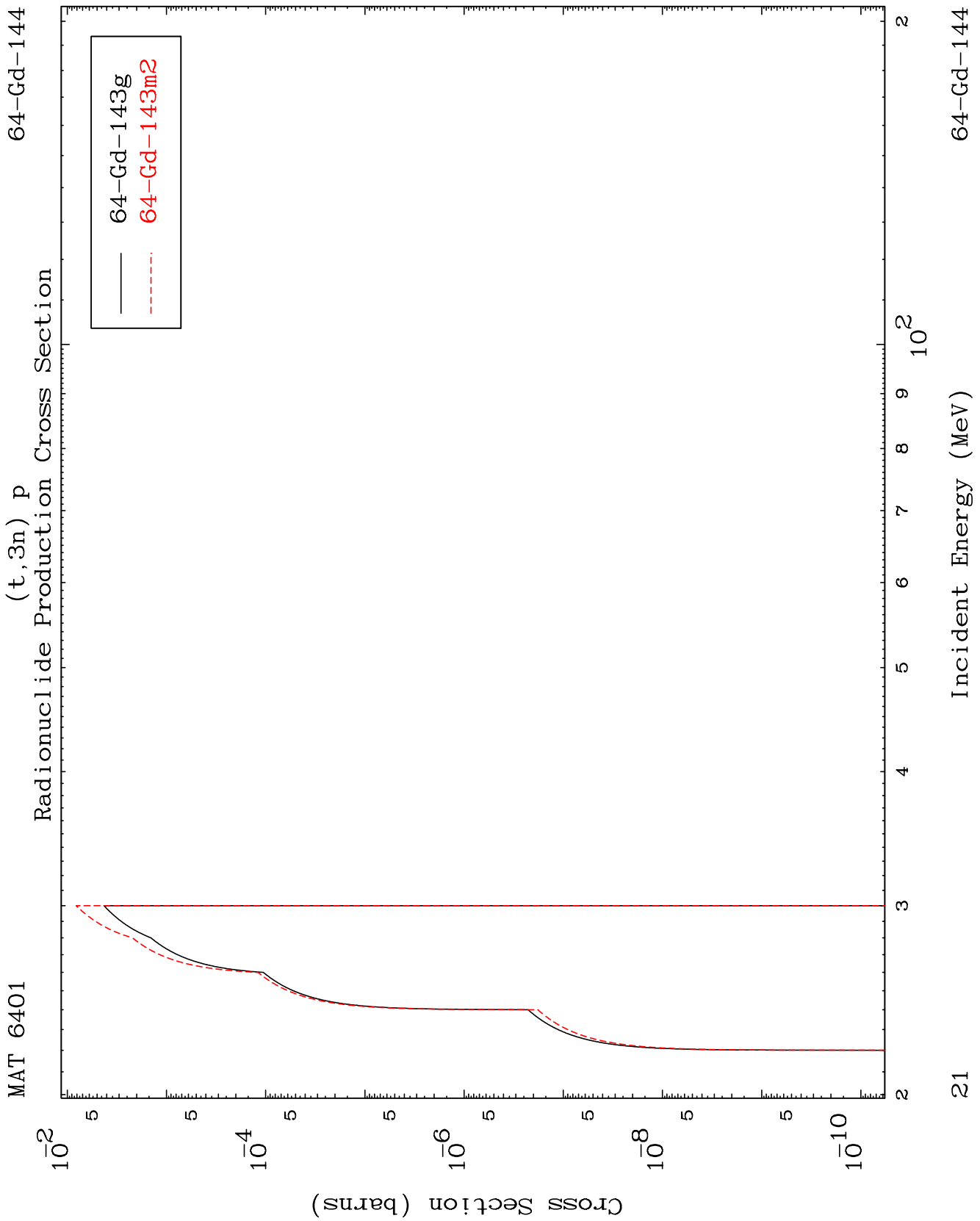
(t,4n)  
Radionuclide Production Cross Section



20

Incident Energy (MeV)

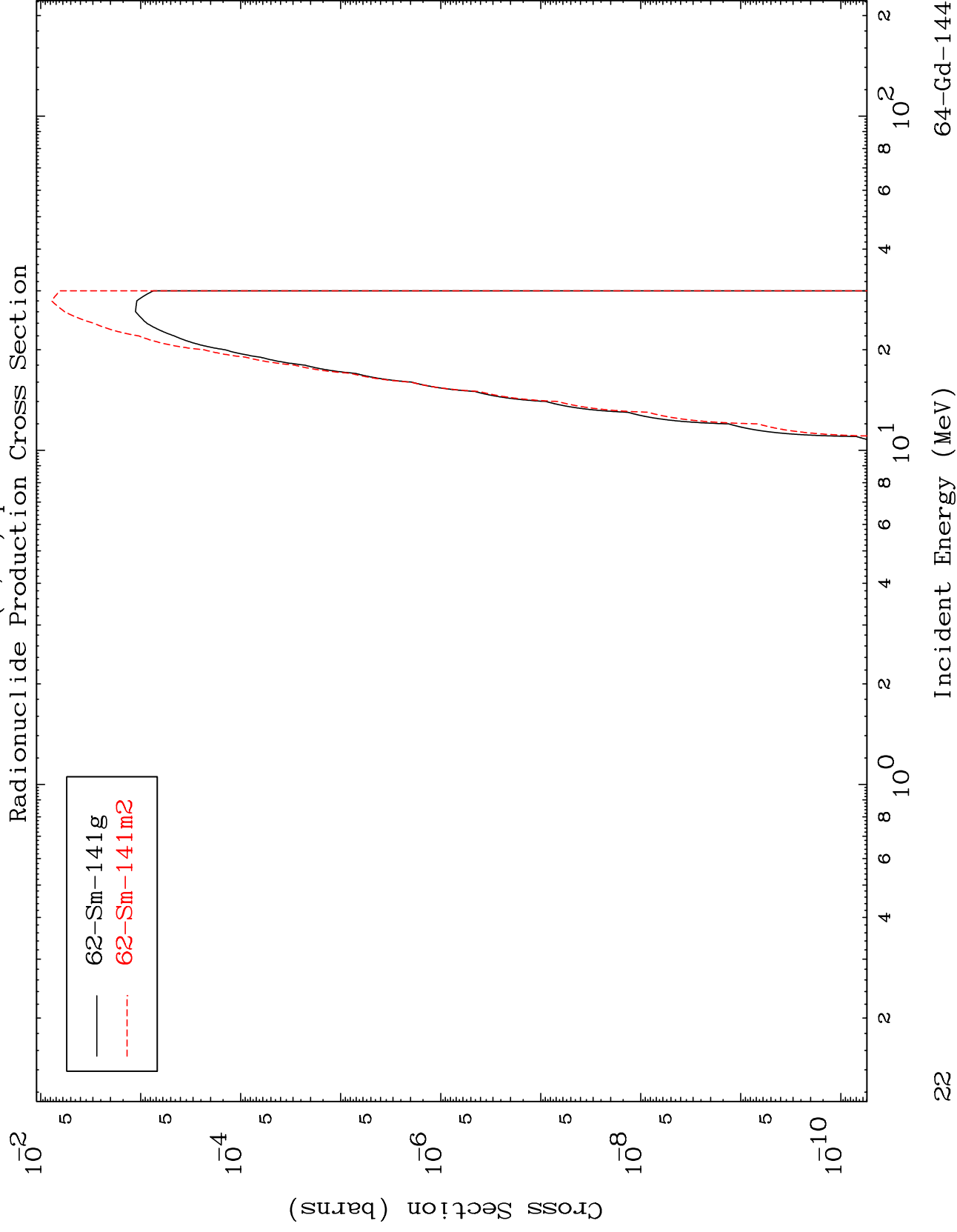
64-Gd-144



MAT 6401

(t,n') p  $\alpha$

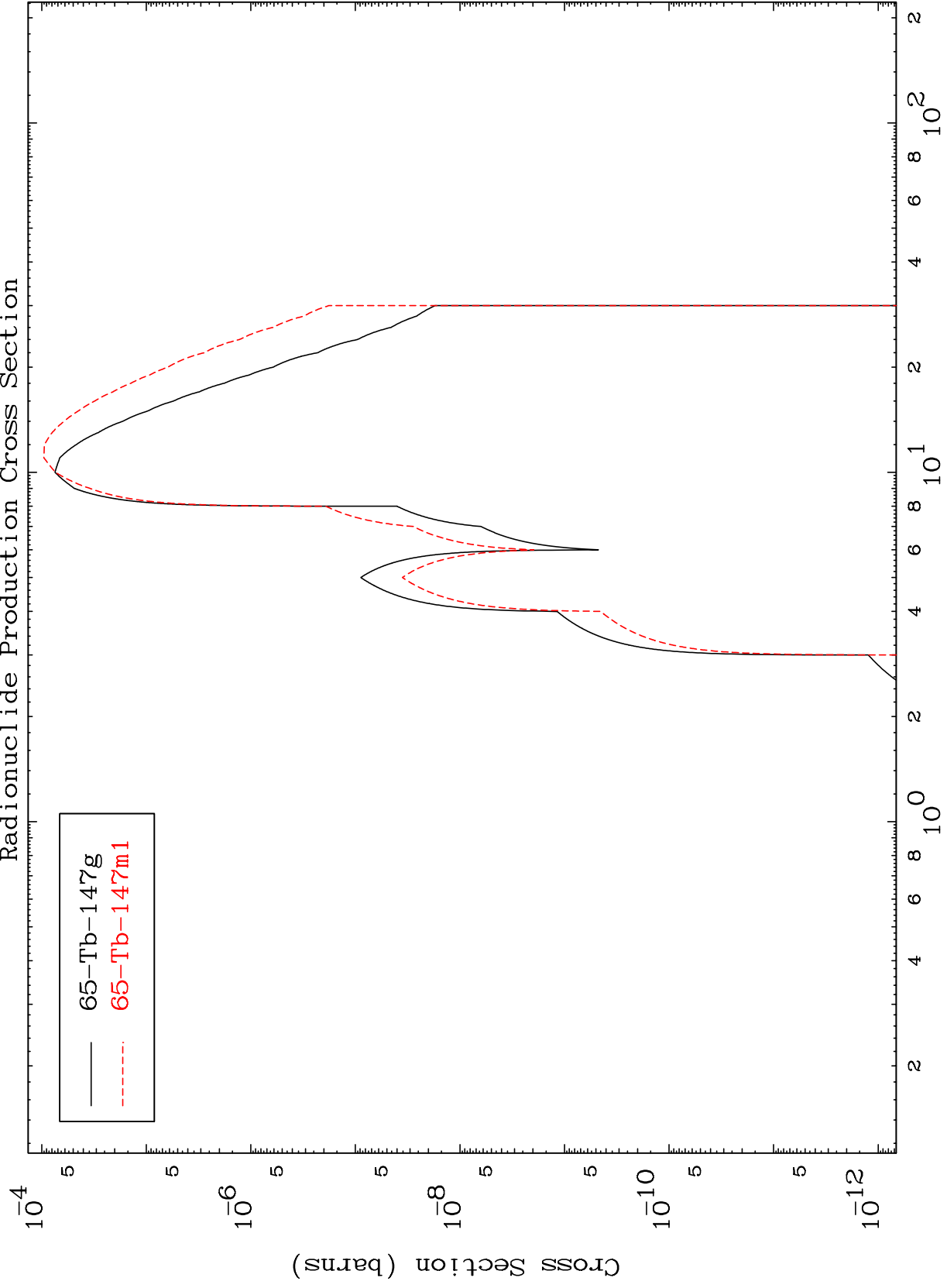
64-Gd-144



MAT 6401

64-Gd-144

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

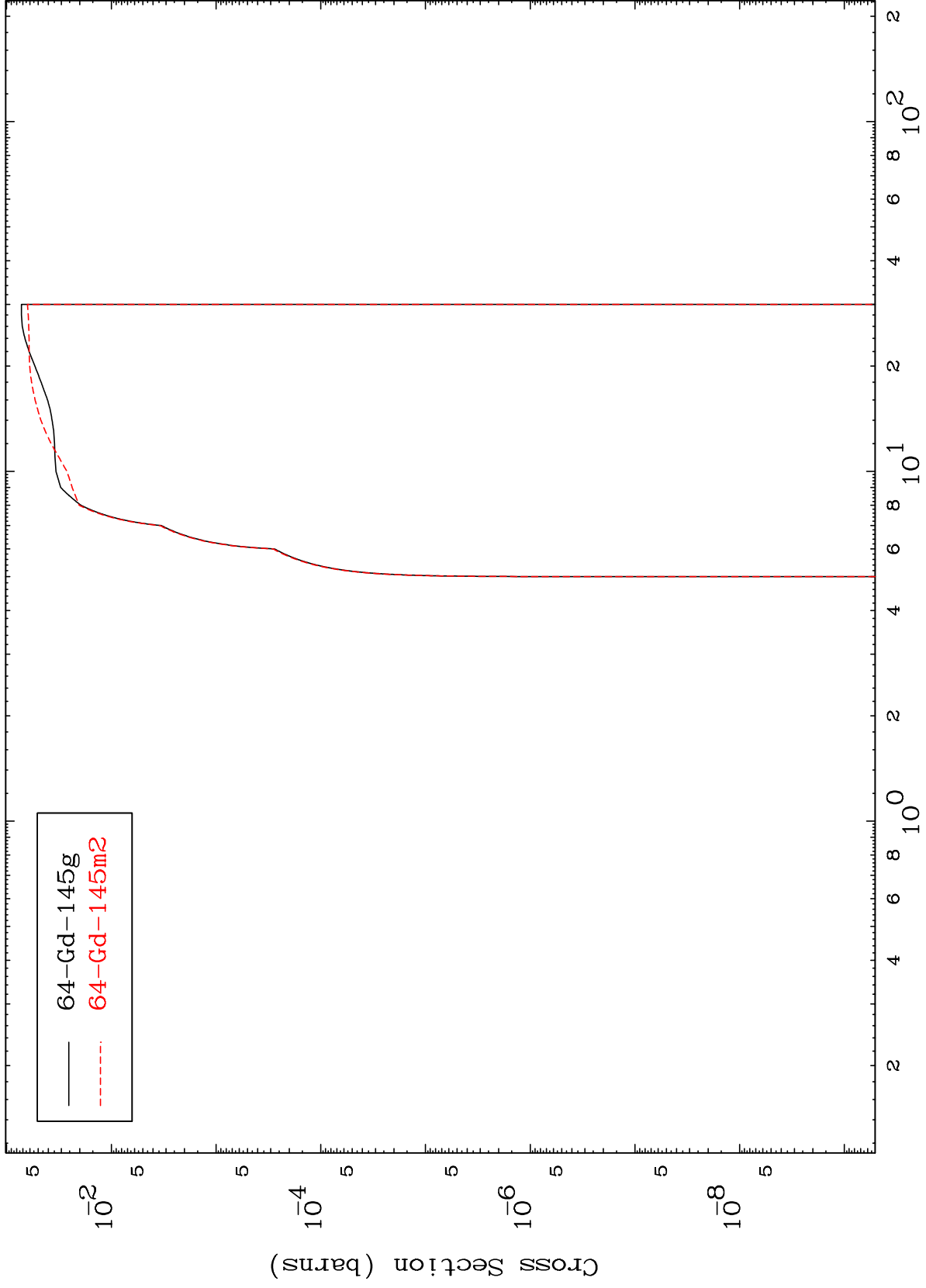




MAT 6401

64-Gd-144

(t,d)  
Radionuclide Production Cross Section



24

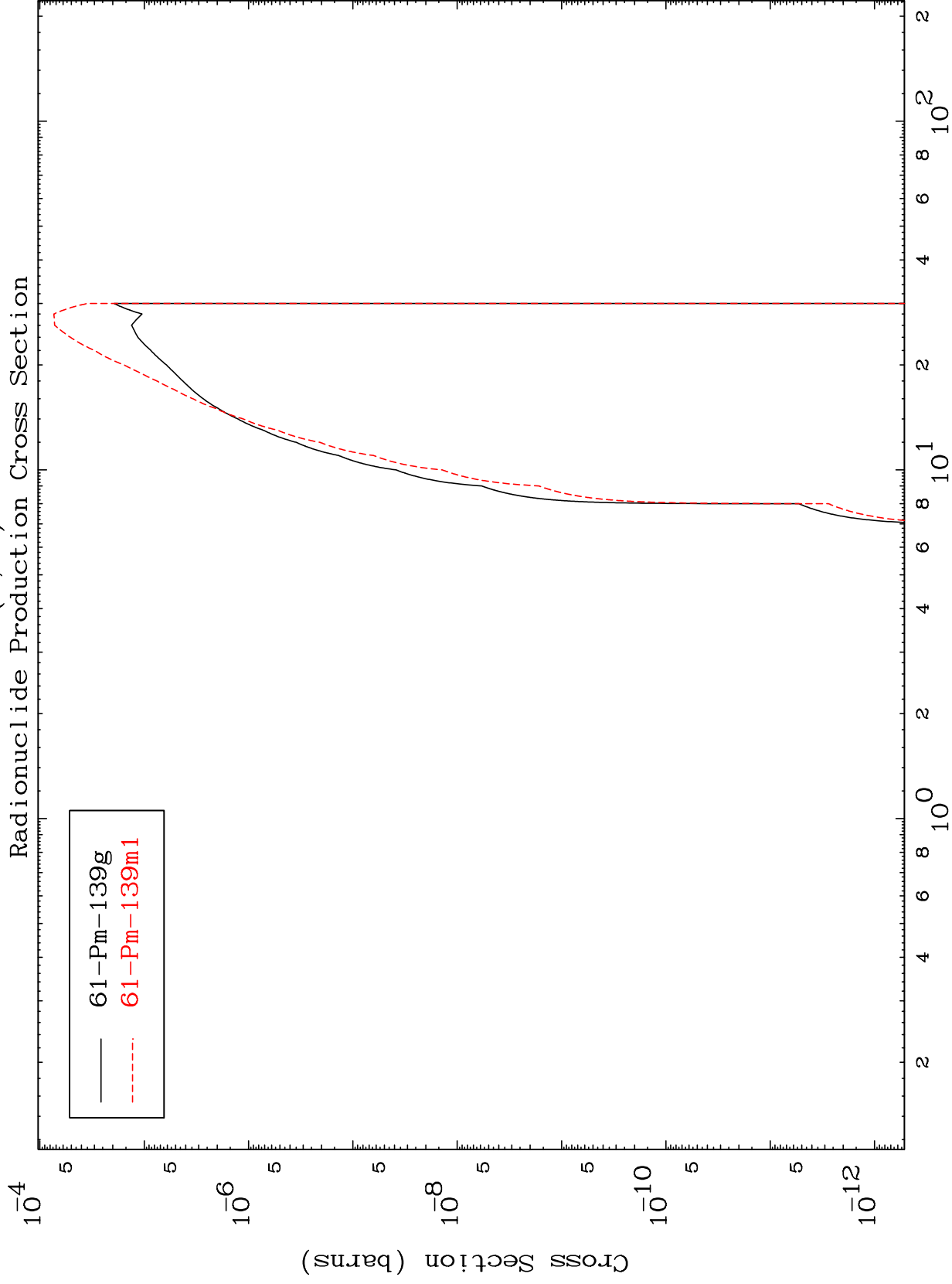
64-Gd-144

Incident Energy (MeV)

MAT 6401

64-Gd-144

Radionuclide Production Cross Section  
(t,2 $\alpha$ )



25

64-Gd-144

Incident Energy (MeV)

MAT 6401

(t,d)  $\alpha$

64-Gd-144

