

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](mailto:redcullen1@comcast.net)

Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

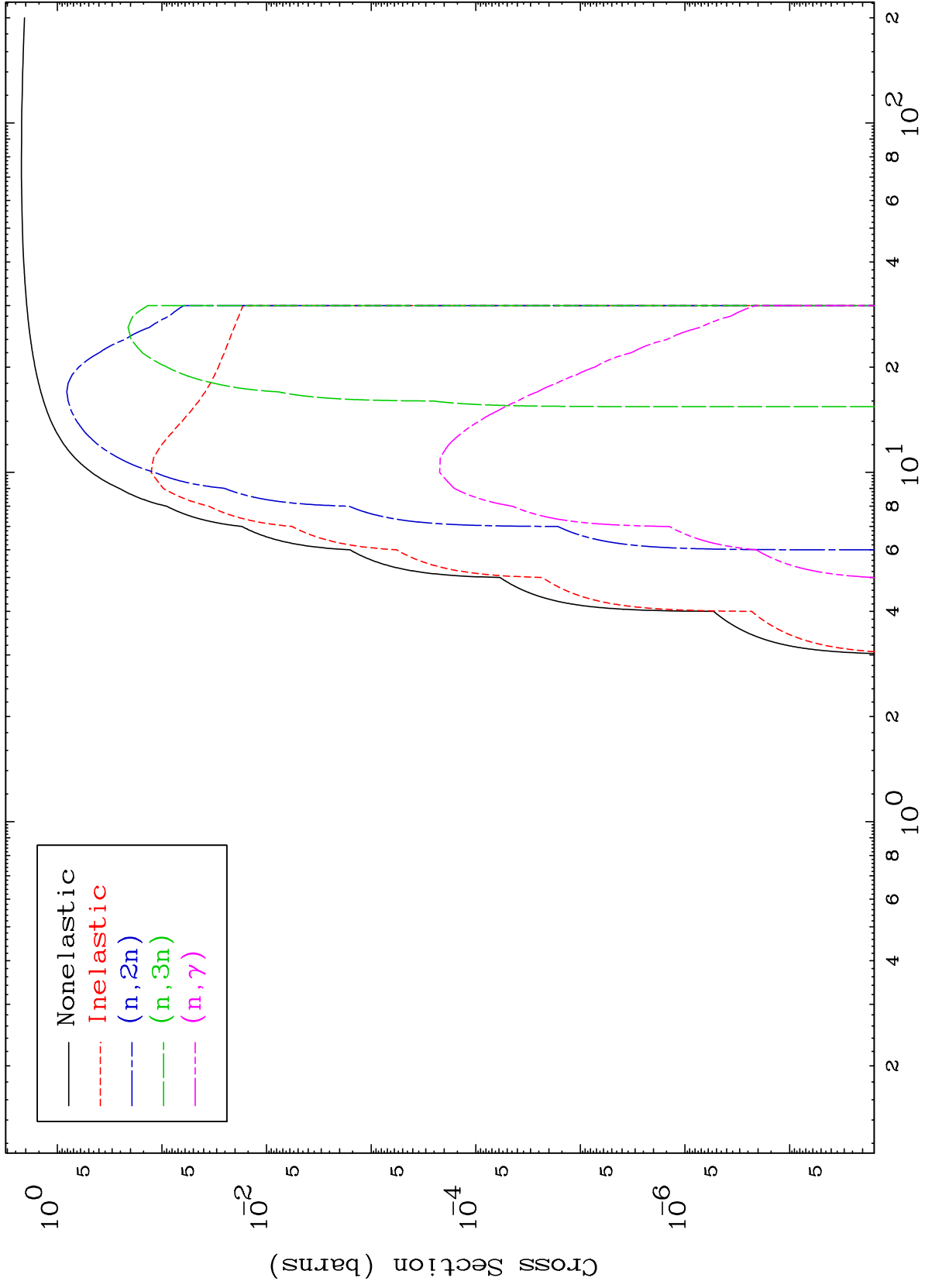
Press Mouse Button to Start

MAT 6217

Triton Major

62-Sm-141m

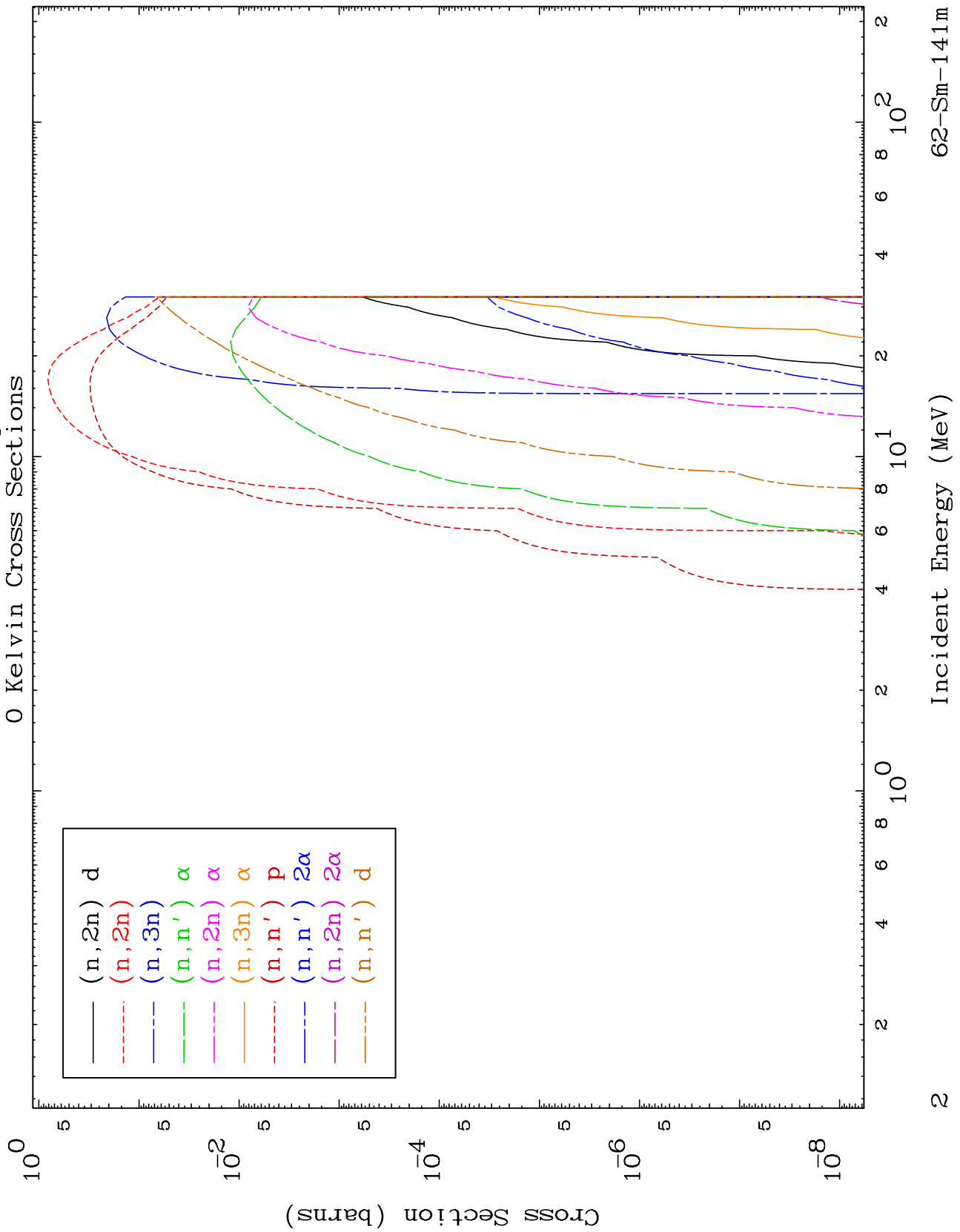
0 Kelvin Cross Sections



MAT 6217

Triton Neutron Absorption  
0 Kelvin Cross Sections

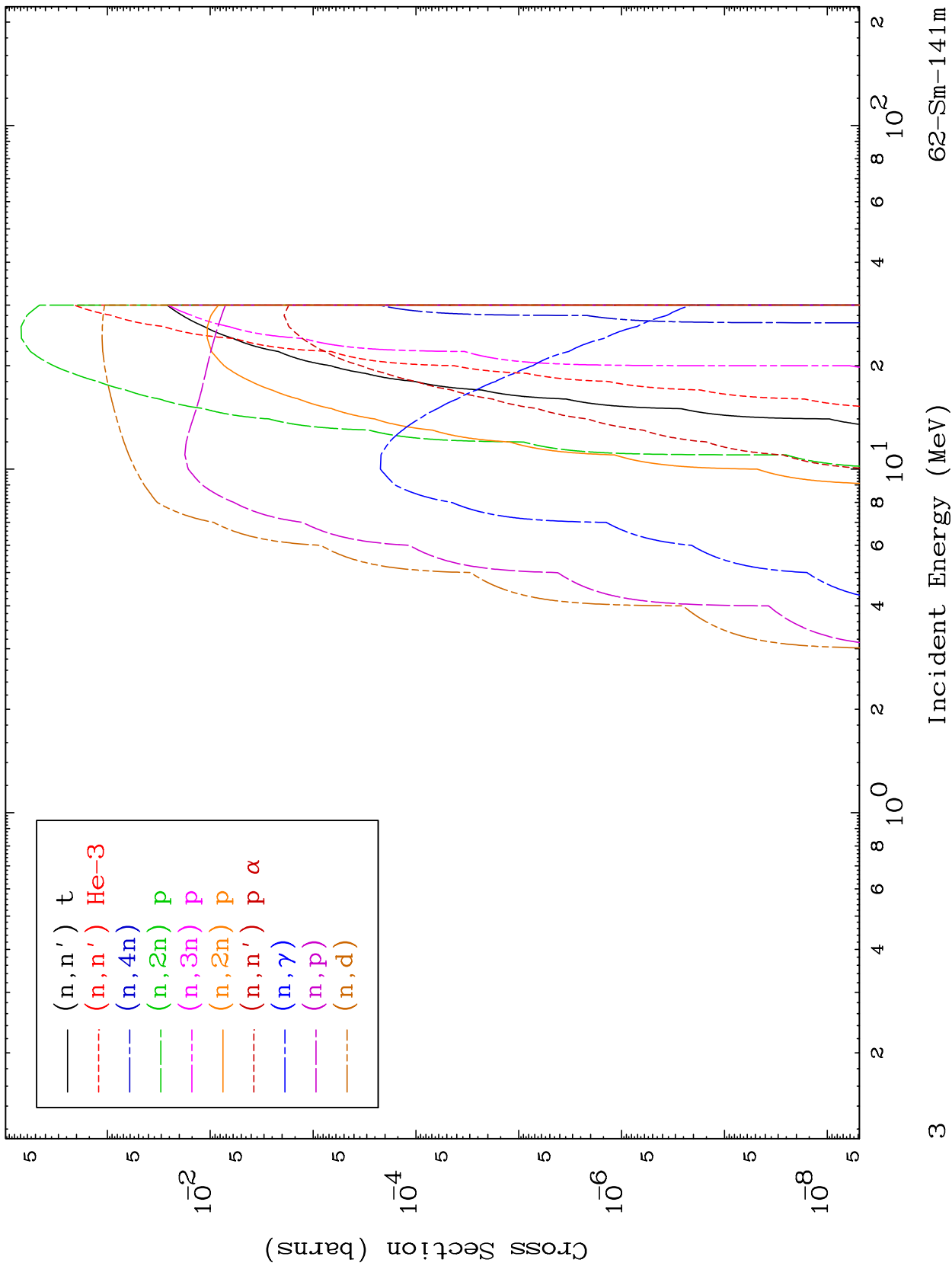
62-Sm-141m



MAT 6217

Triton Neutron Absorption  
0 Kelvin Cross Sections

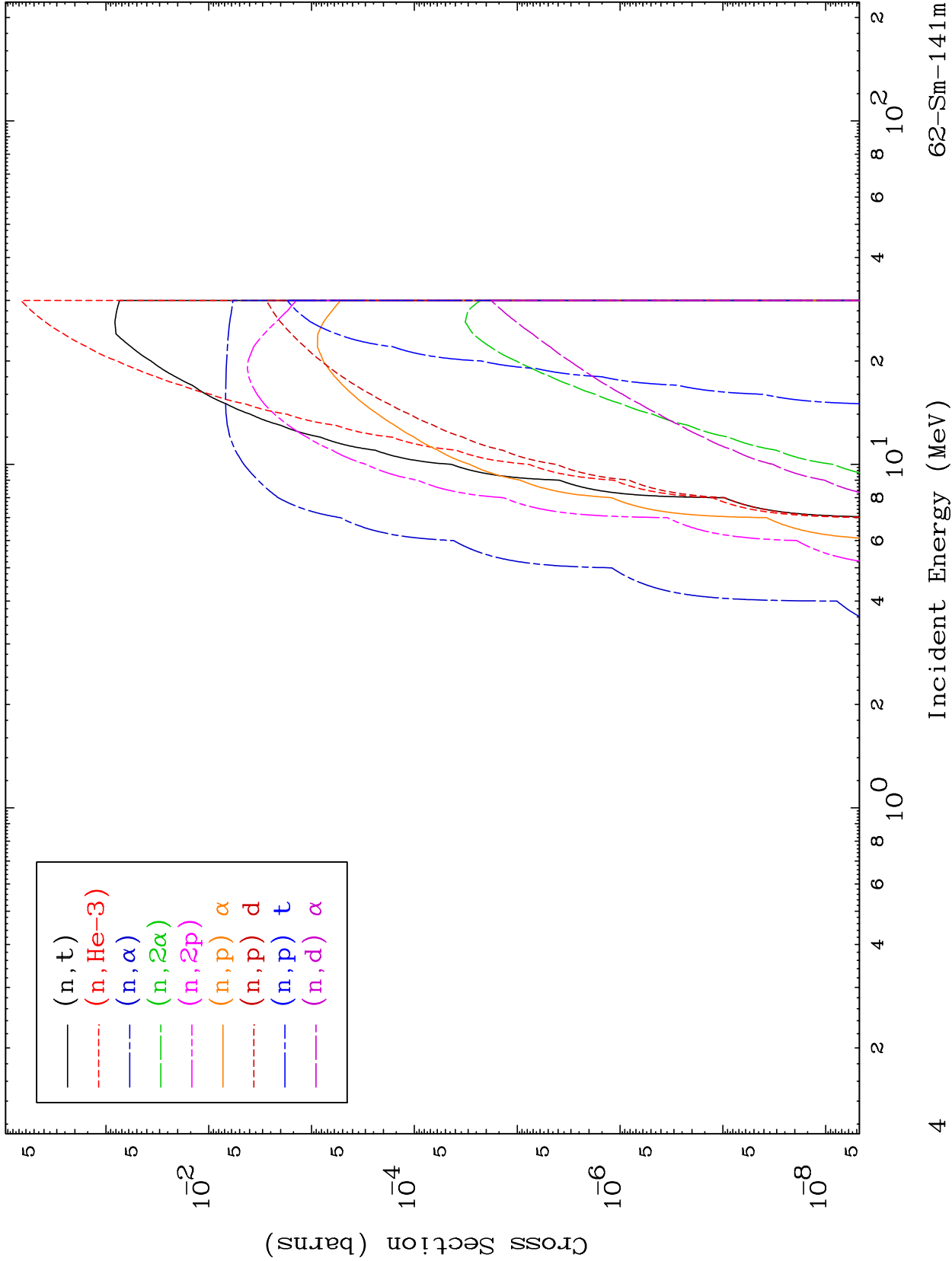
62-Sm-141m



MAT 6217

Triton Neutron Absorption  
0 Kelvin Cross Sections

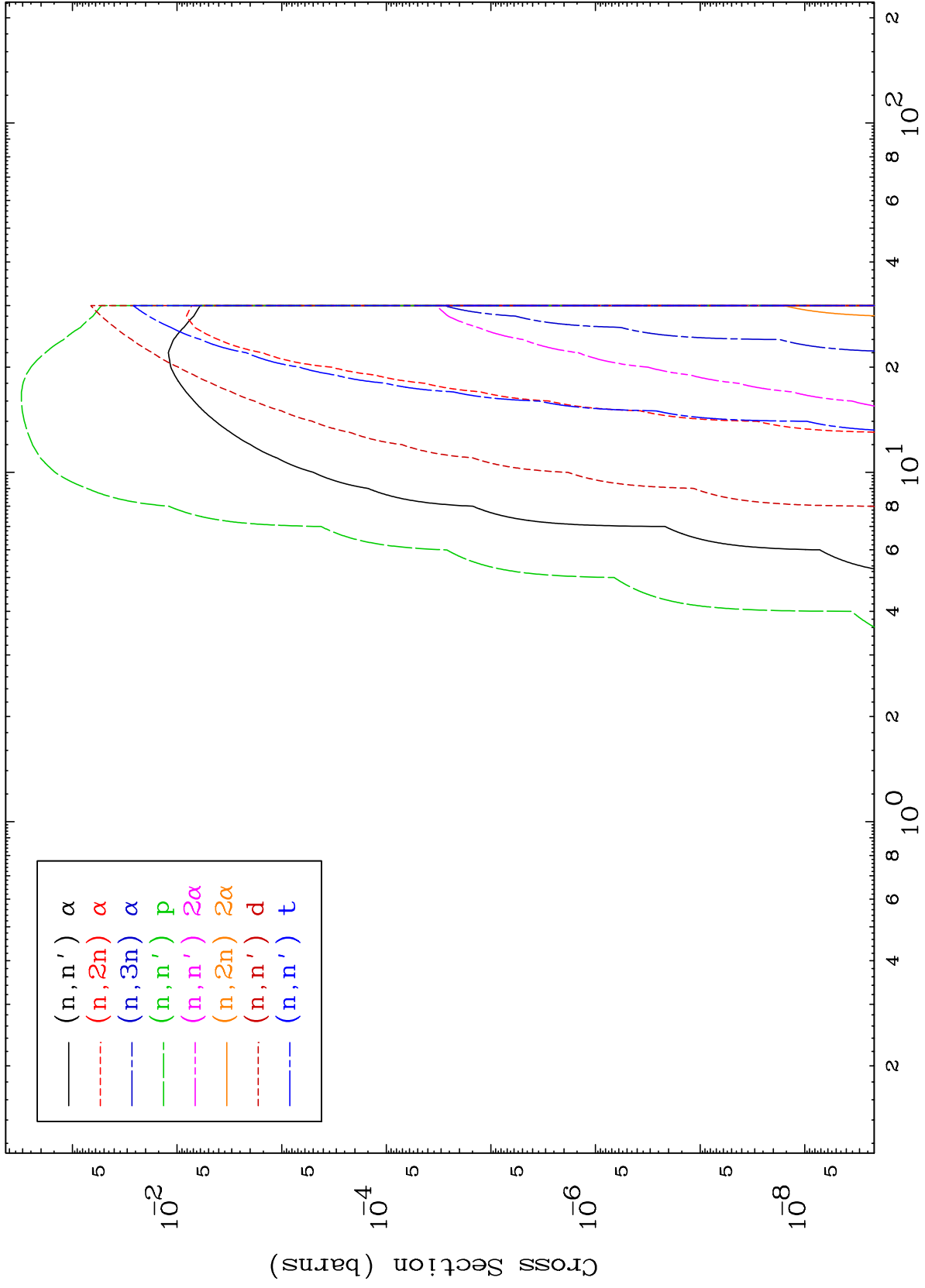
62-Sm-141m



MAT 6217

Triton Charged Particle  
0 Kelvin Cross Sections

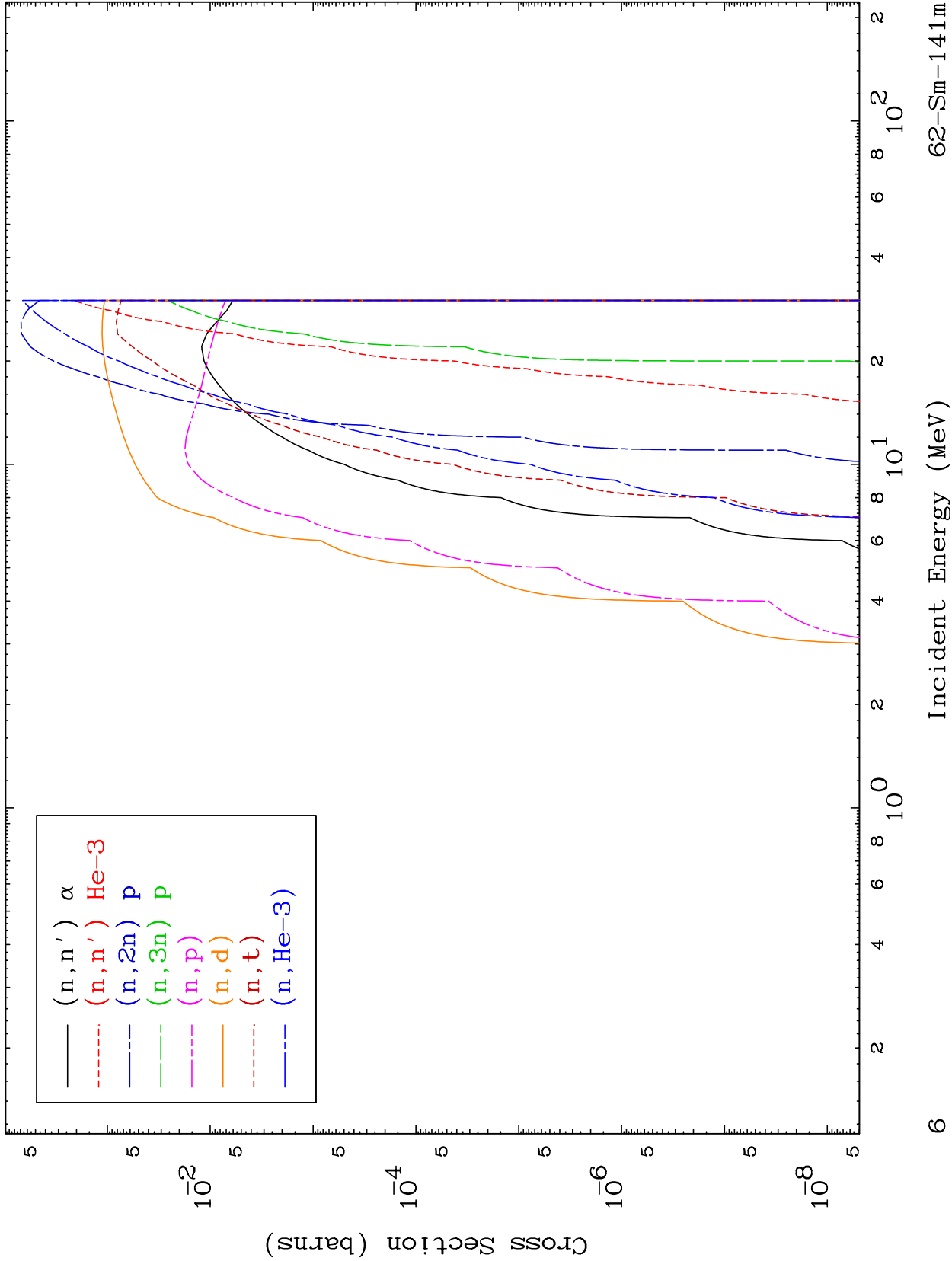
62-Sm-141m



MAT 6217

Triton Charged Particle  
0 Kelvin Cross Sections

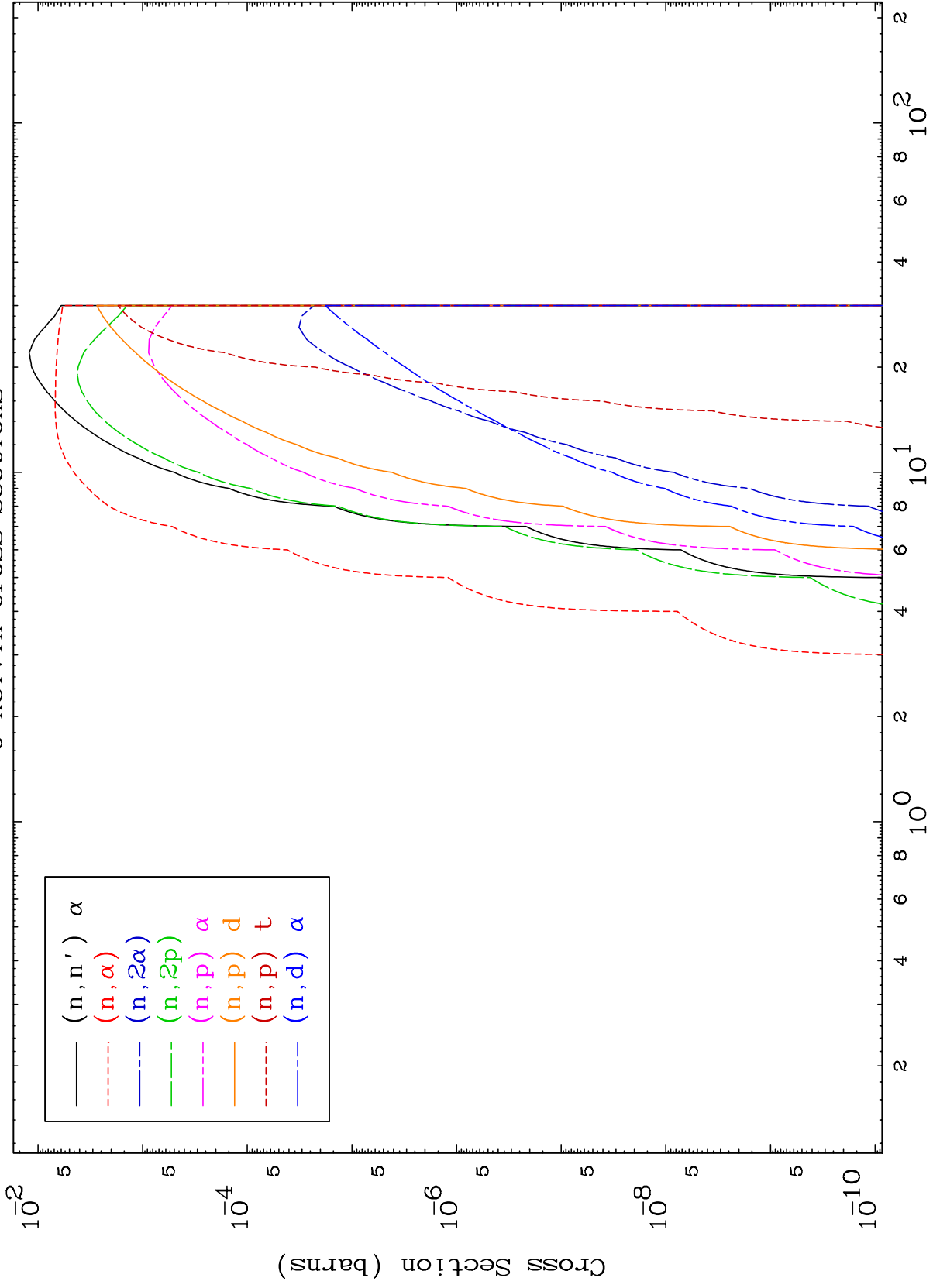
62-Sm-141m



MAT 6217

Triton Charged Particle  
0 Kelvin Cross Sections

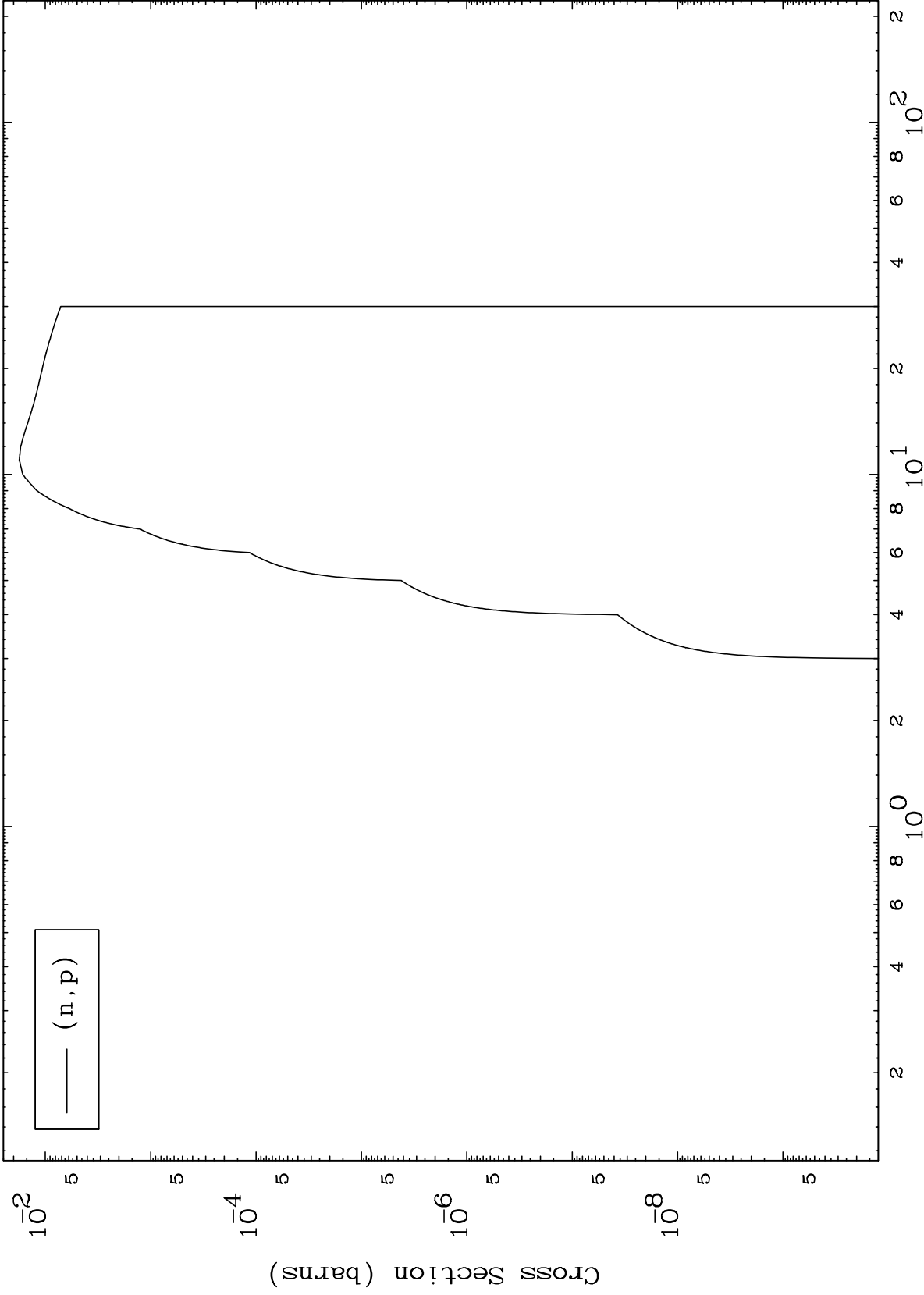
62-Sm-141m



MAT 6217

(t,p) Levels  
0 Kelvin Cross Sections

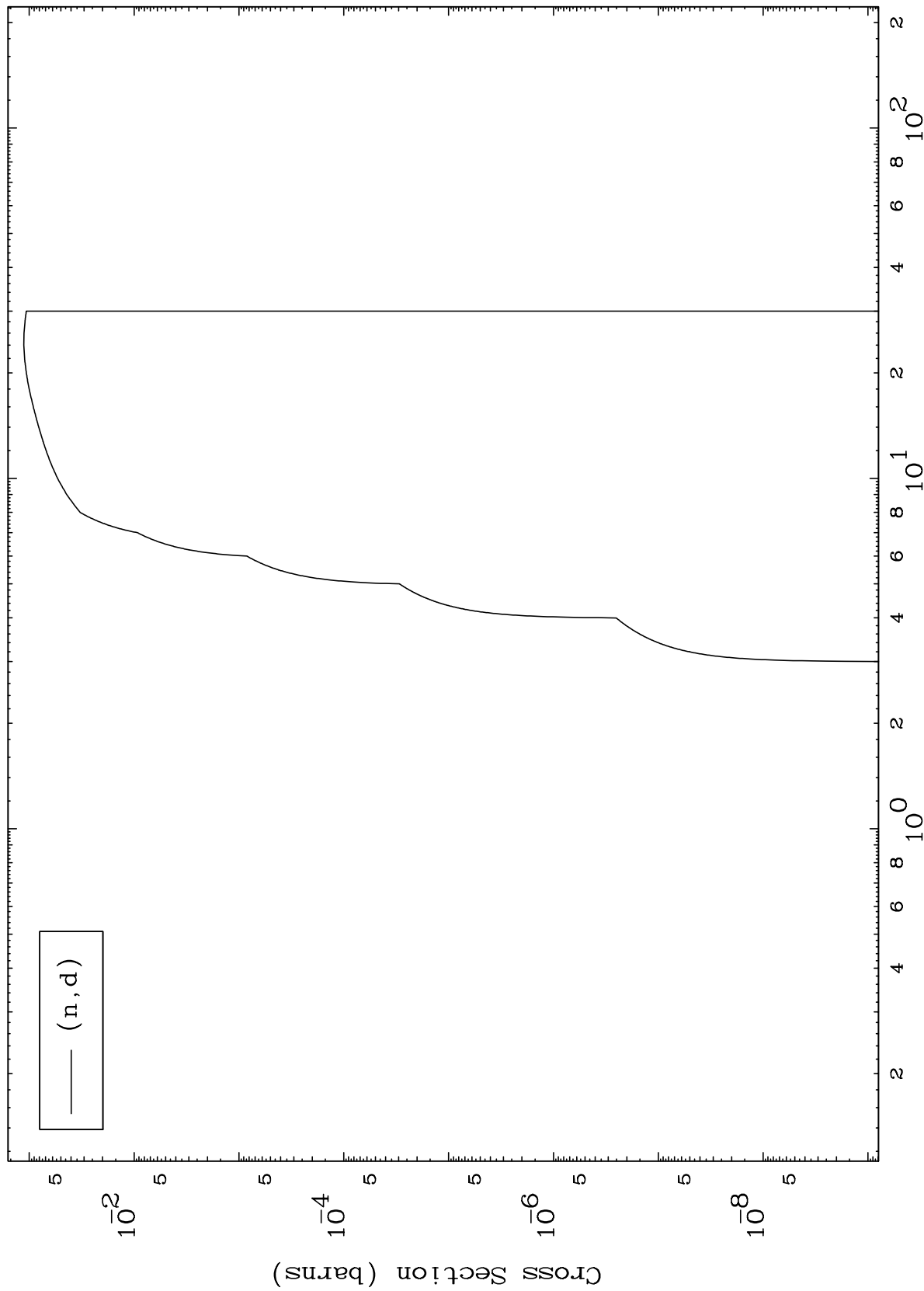
62-Sm-141m



MAT 6217

62-Sm-141m

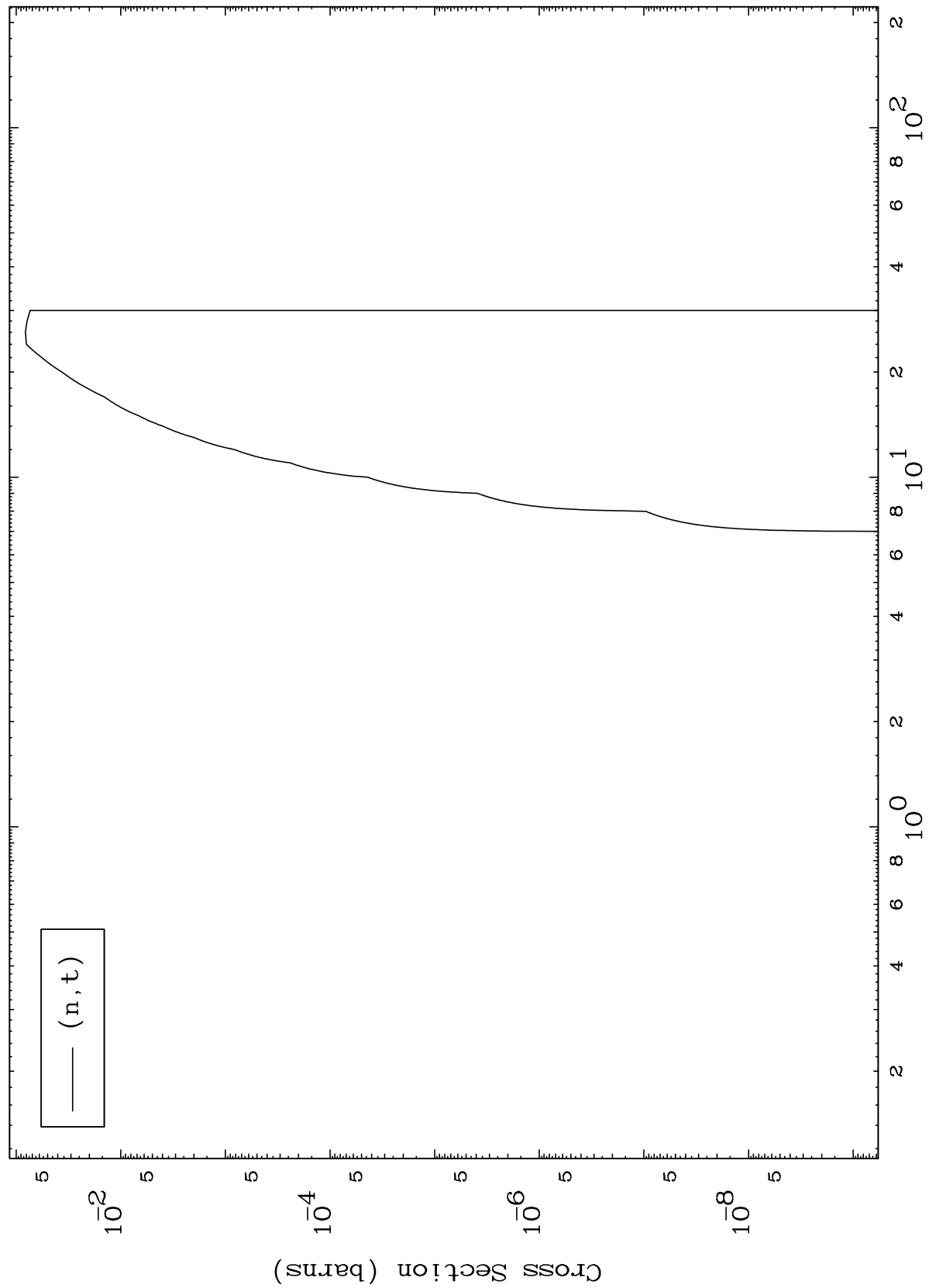
(t,d) Levels  
0 Kelvin Cross Sections



MAT 6217

62-Sm-141m

(t, t) Levels  
0 Kelvin Cross Sections



62-Sm-141m

Incident Energy (MeV)

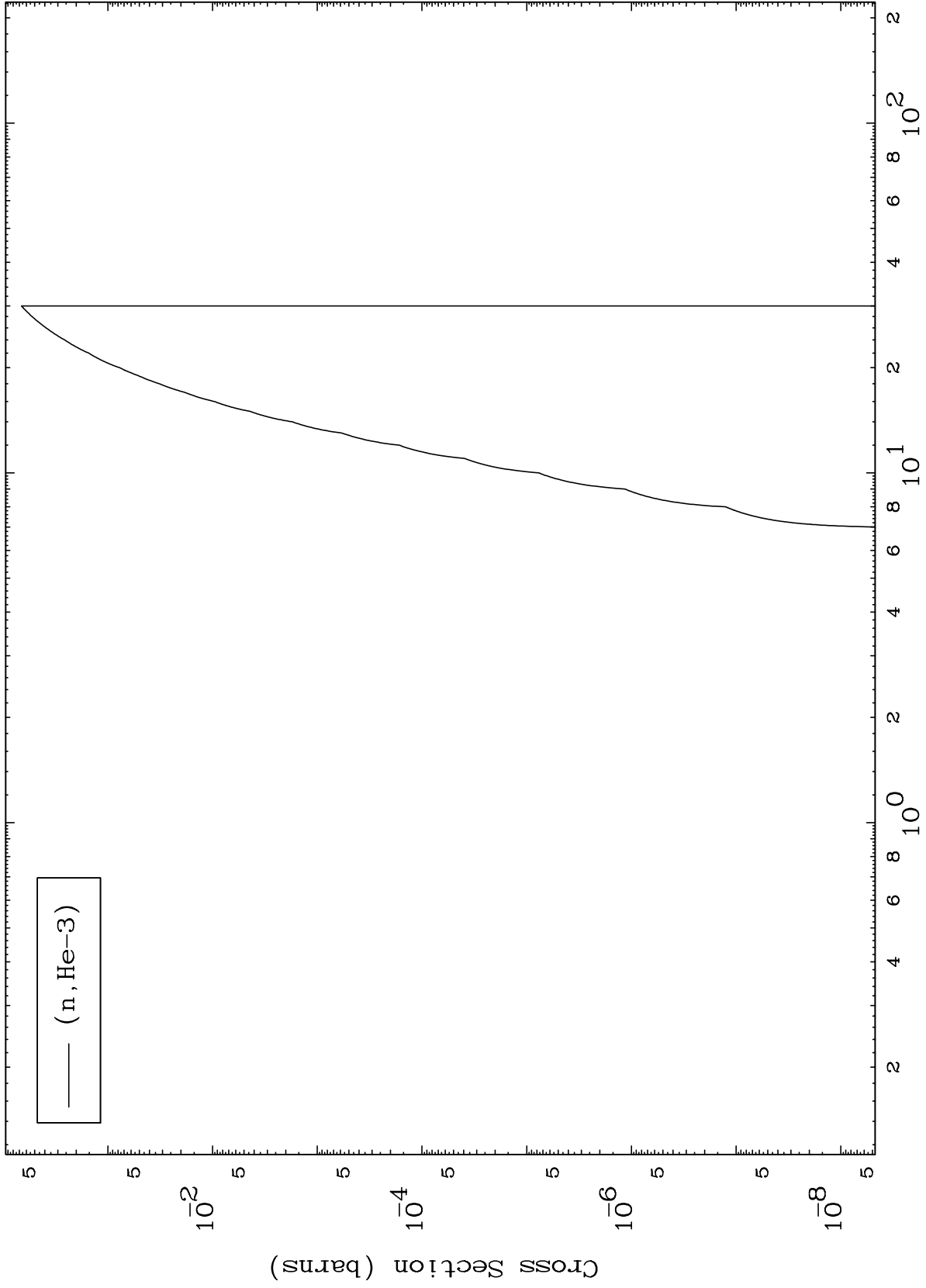
10

MAT 6217

(t,He3) Levels

62-Sm-141m

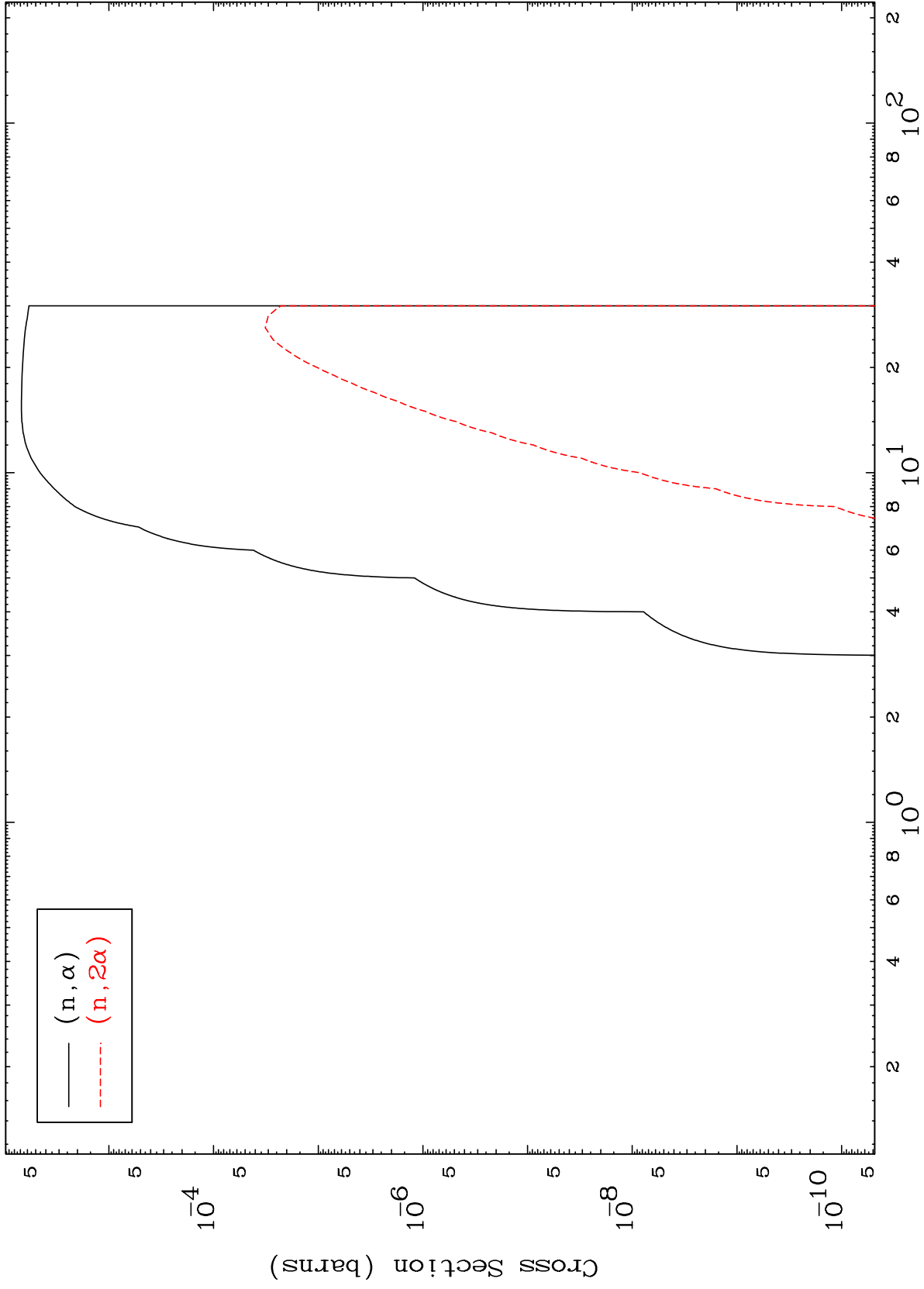
0 Kelvin Cross Sections



MAT 6217

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

62-Sm-141m



12

62-Sm-141m

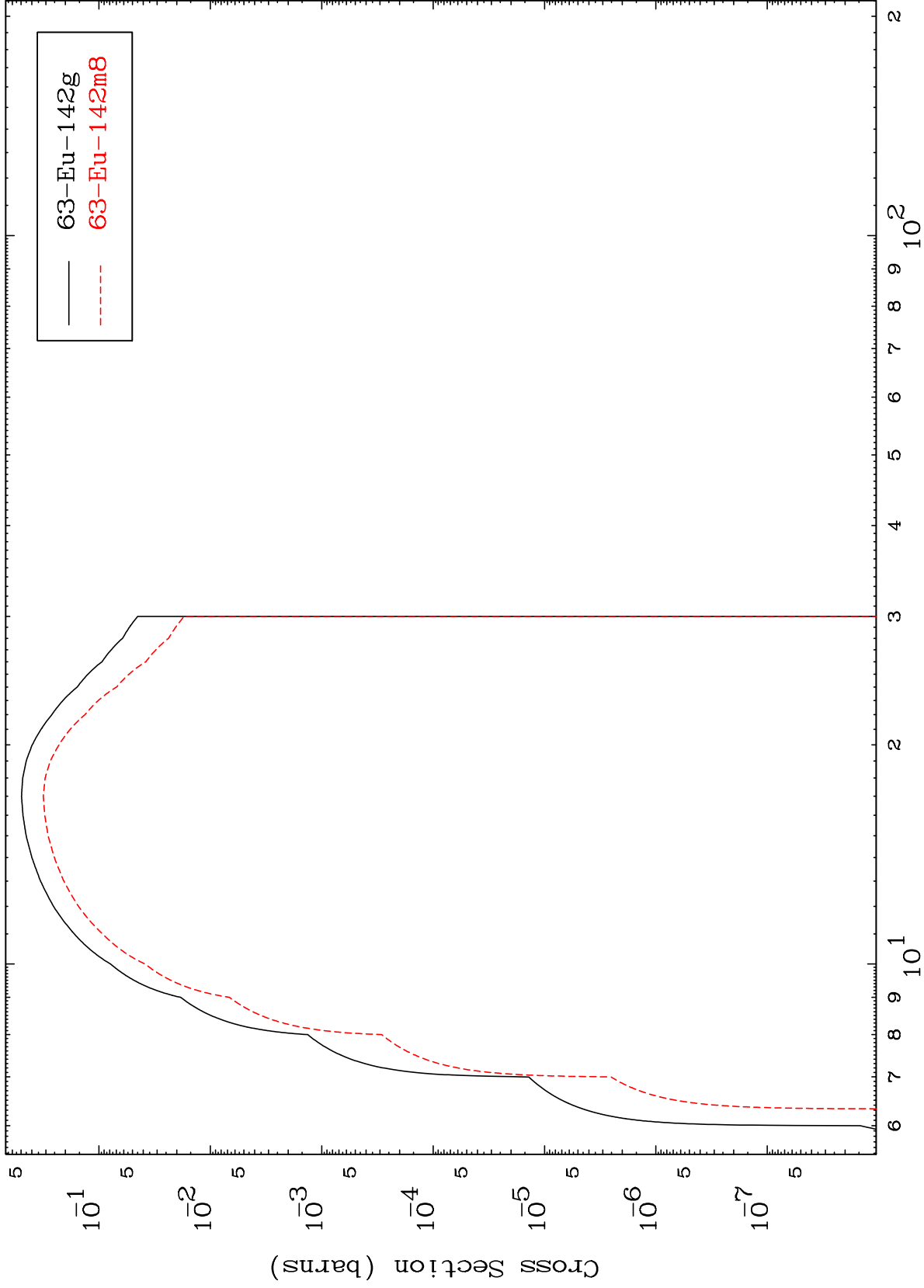
Incident Energy (MeV)

MAT 6217

(n,2n)

62-Sm-141m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

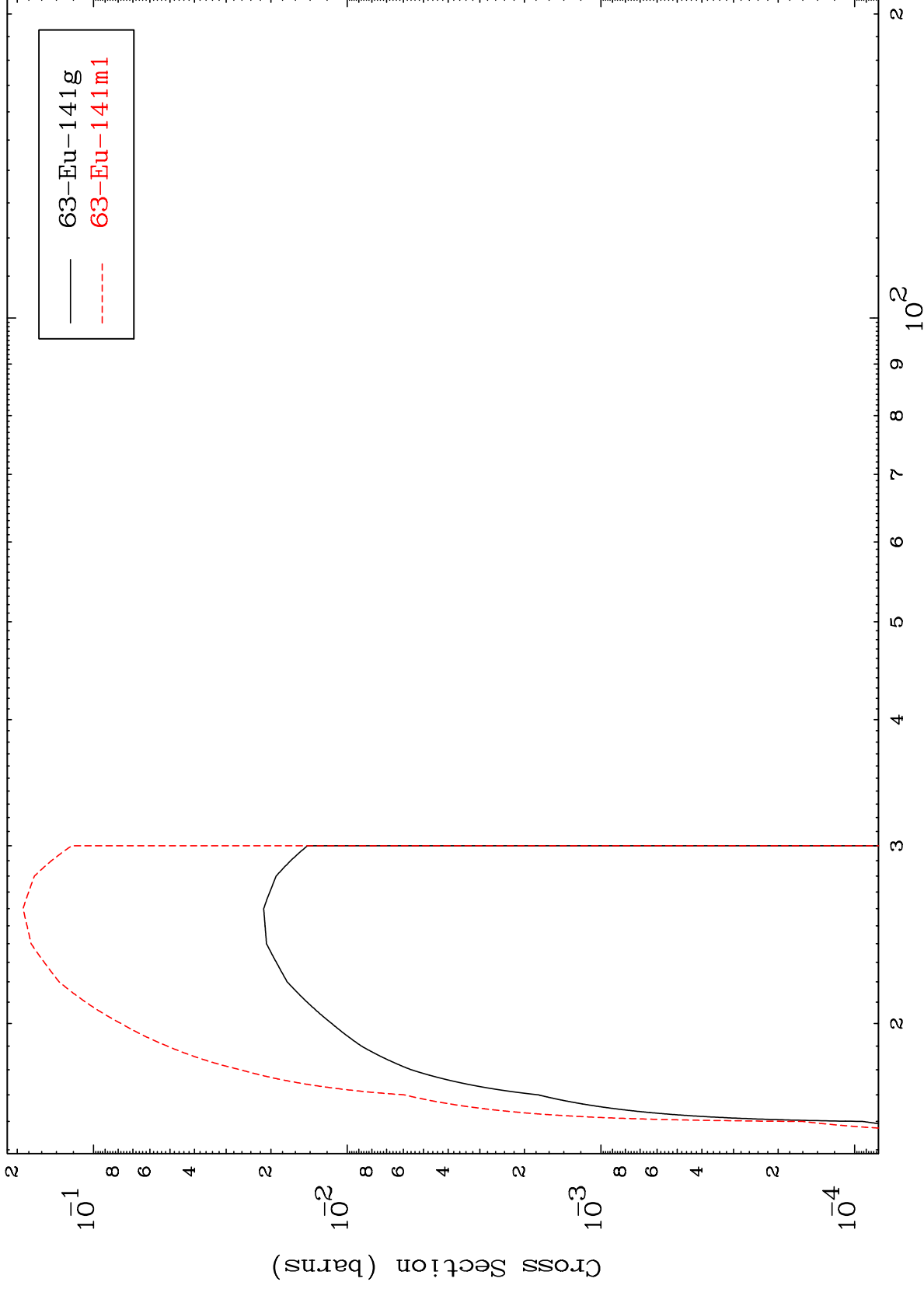
62-Sm-141m

MAT 6217

(n,3n)

62-Sm-141m

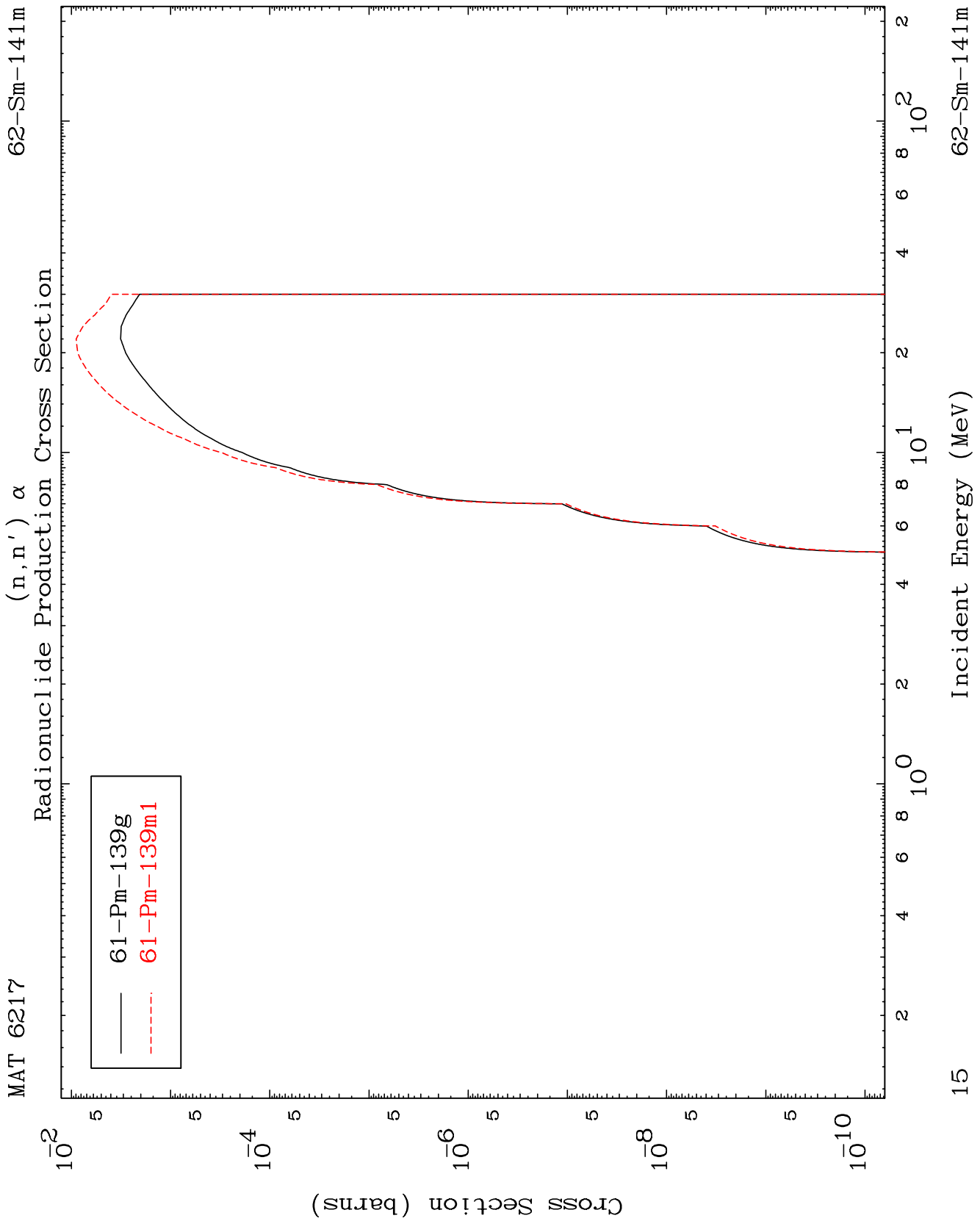
Radionuclide Production Cross Section

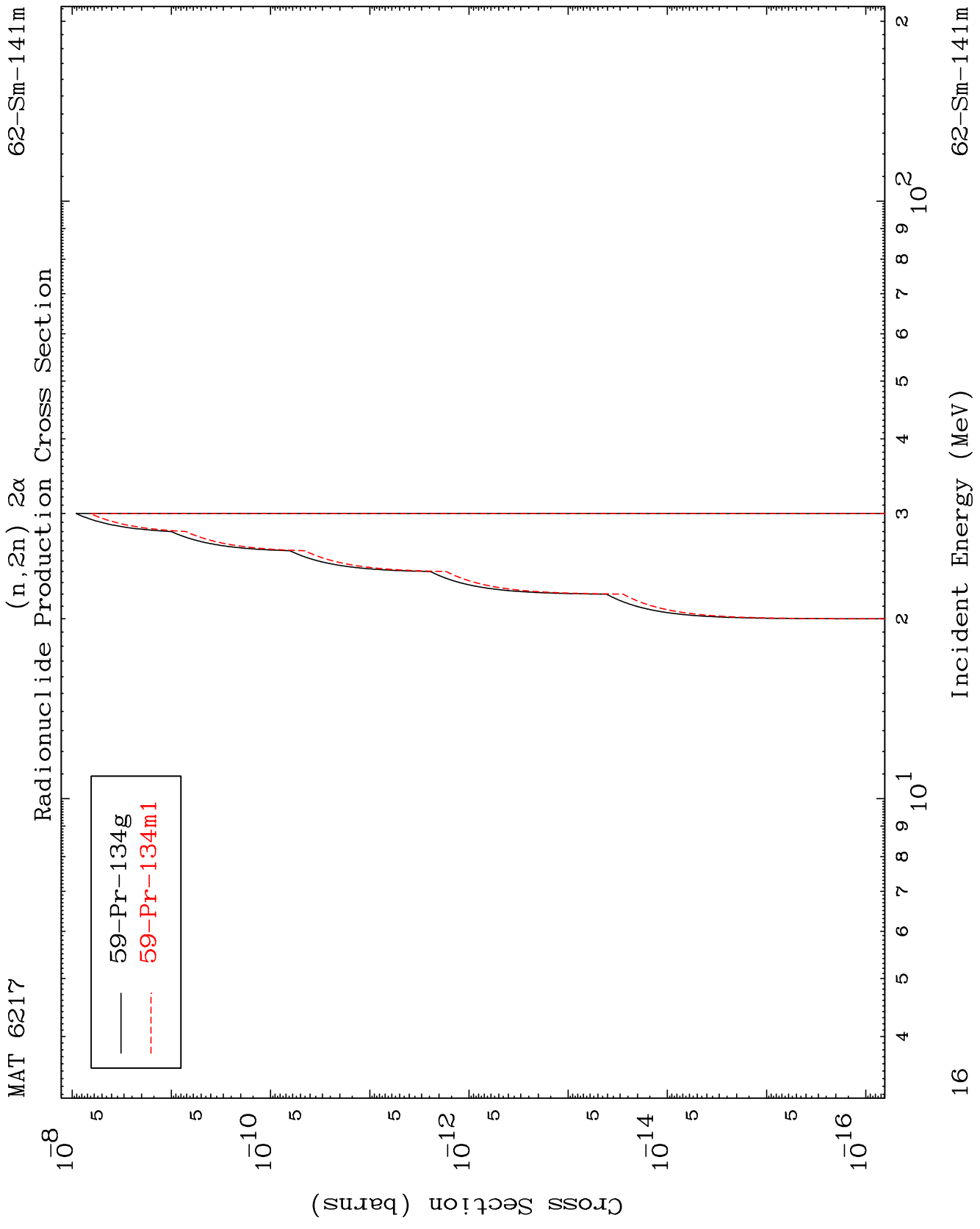


14

Incident Energy (MeV)

62-Sm-141m



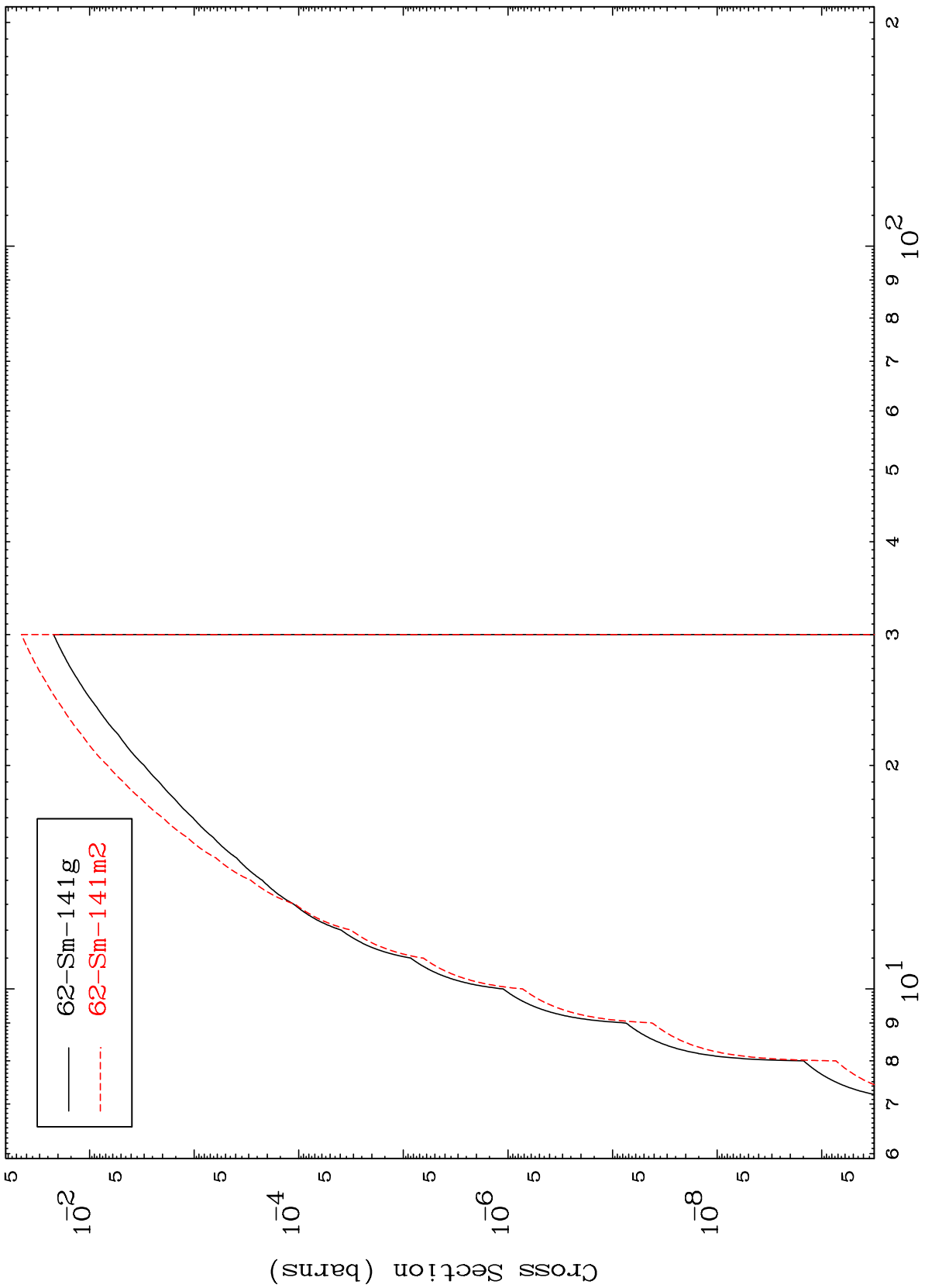


MAT 6217

(n,n') d

62-Sm-141m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

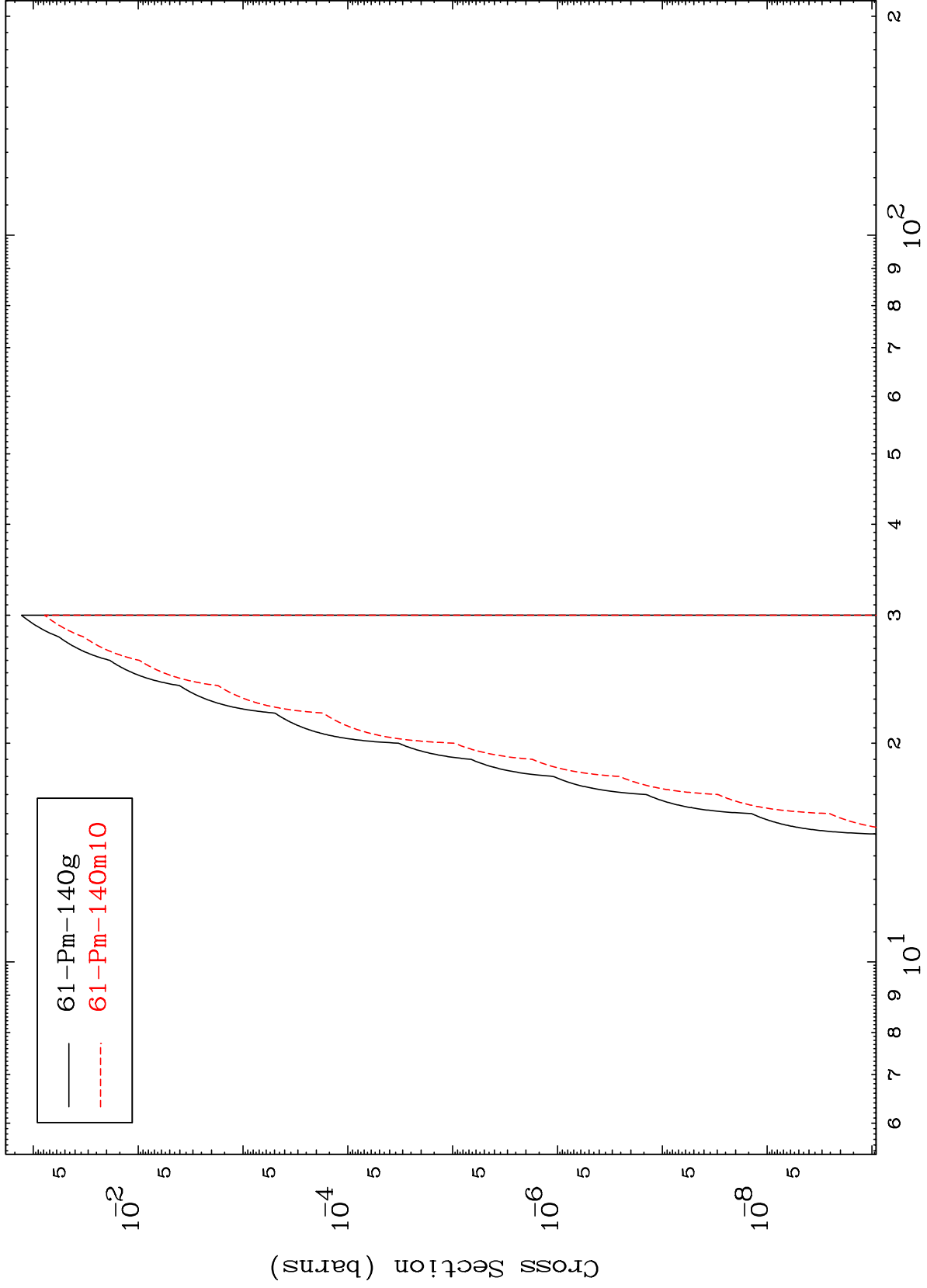
62-Sm-141m

MAT 6217

(n,n') He-3

62-Sm-141m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

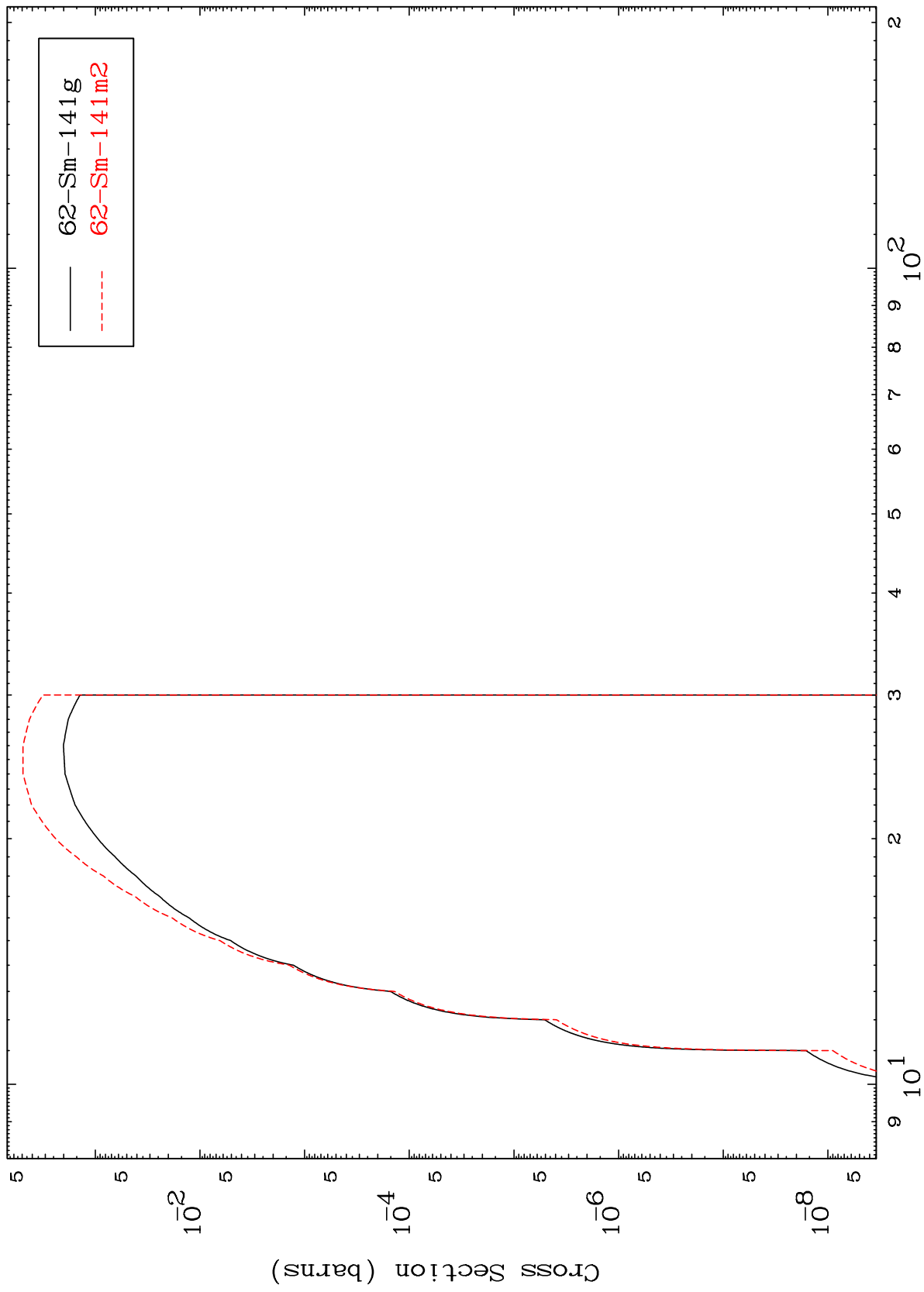
62-Sm-141m

MAT 6217

(n,2n) p

62-Sm-141m

Radionuclide Production Cross Section



19

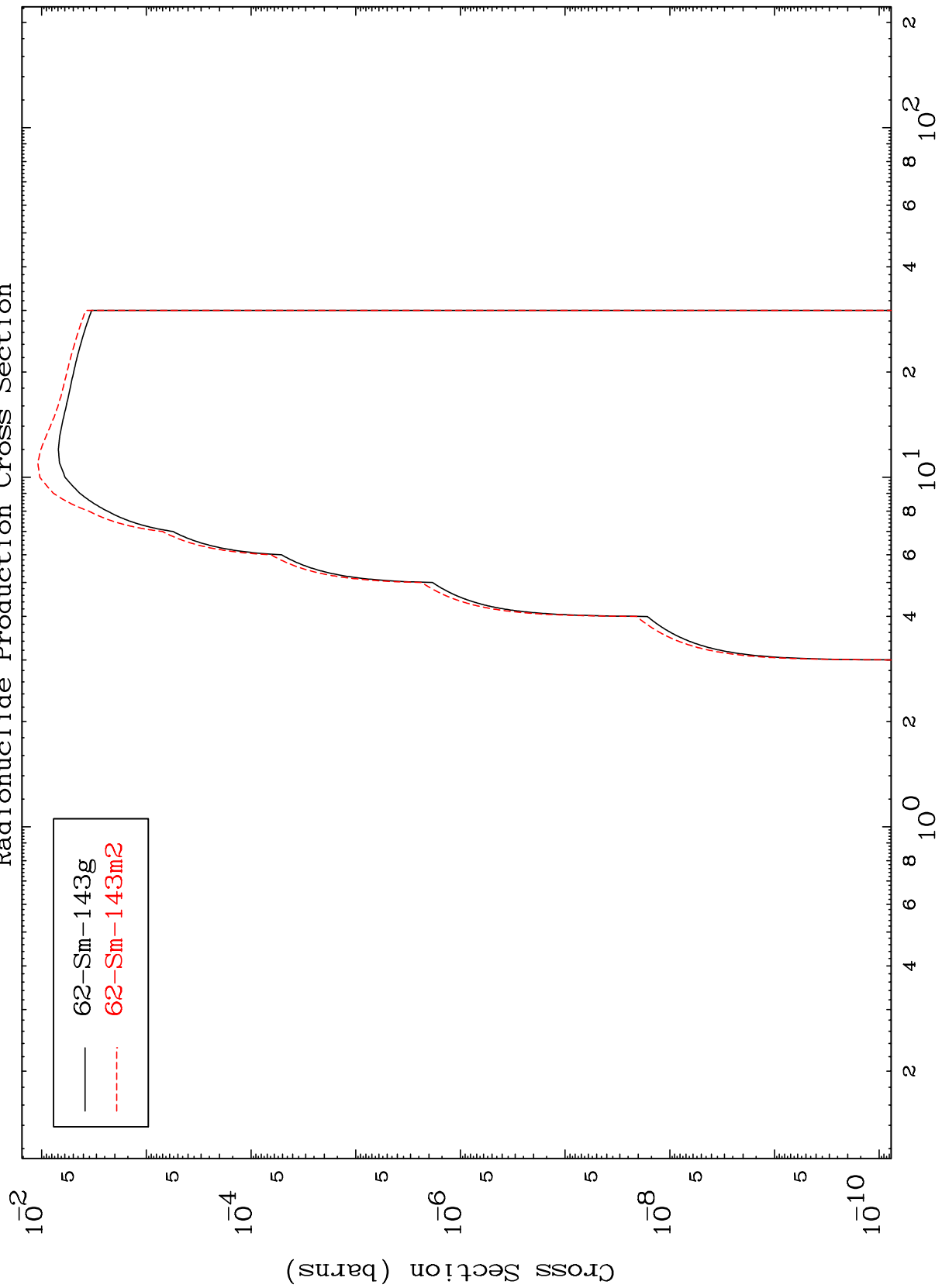
Incident Energy (MeV)

62-Sm-141m

MAT 6217

62-Sm-141m

Radionuclide Production Cross Section (n,p)



62-Sm-143g  
62-Sm-143m2

62-Sm-141m

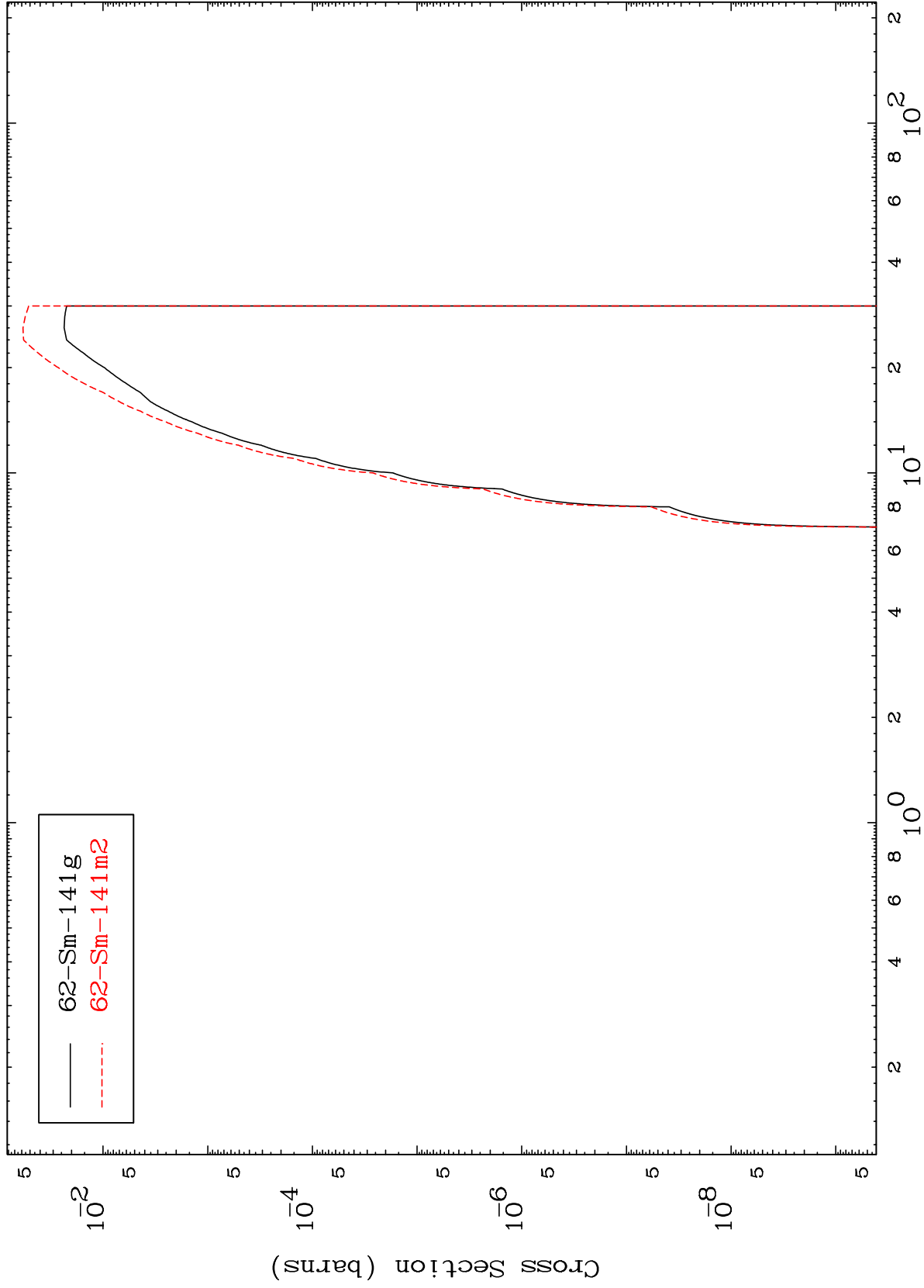
Incident Energy (MeV)

20

MAT 6217

62-Sm-141m

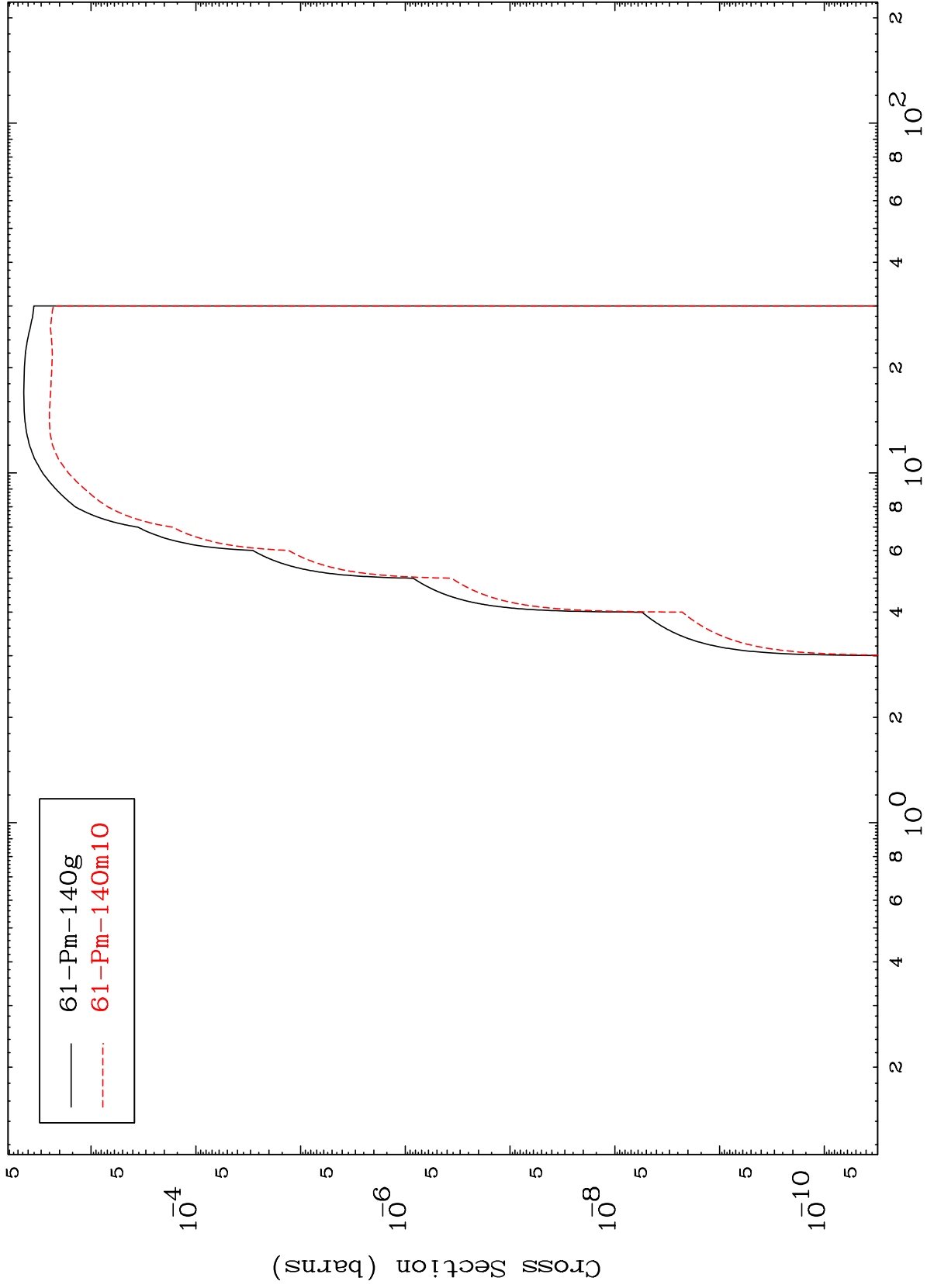
Radionuclide Production Cross Section



MAT 6217

62-Sm-141m

(n,  $\alpha$ )  
Radionuclide Production Cross Section

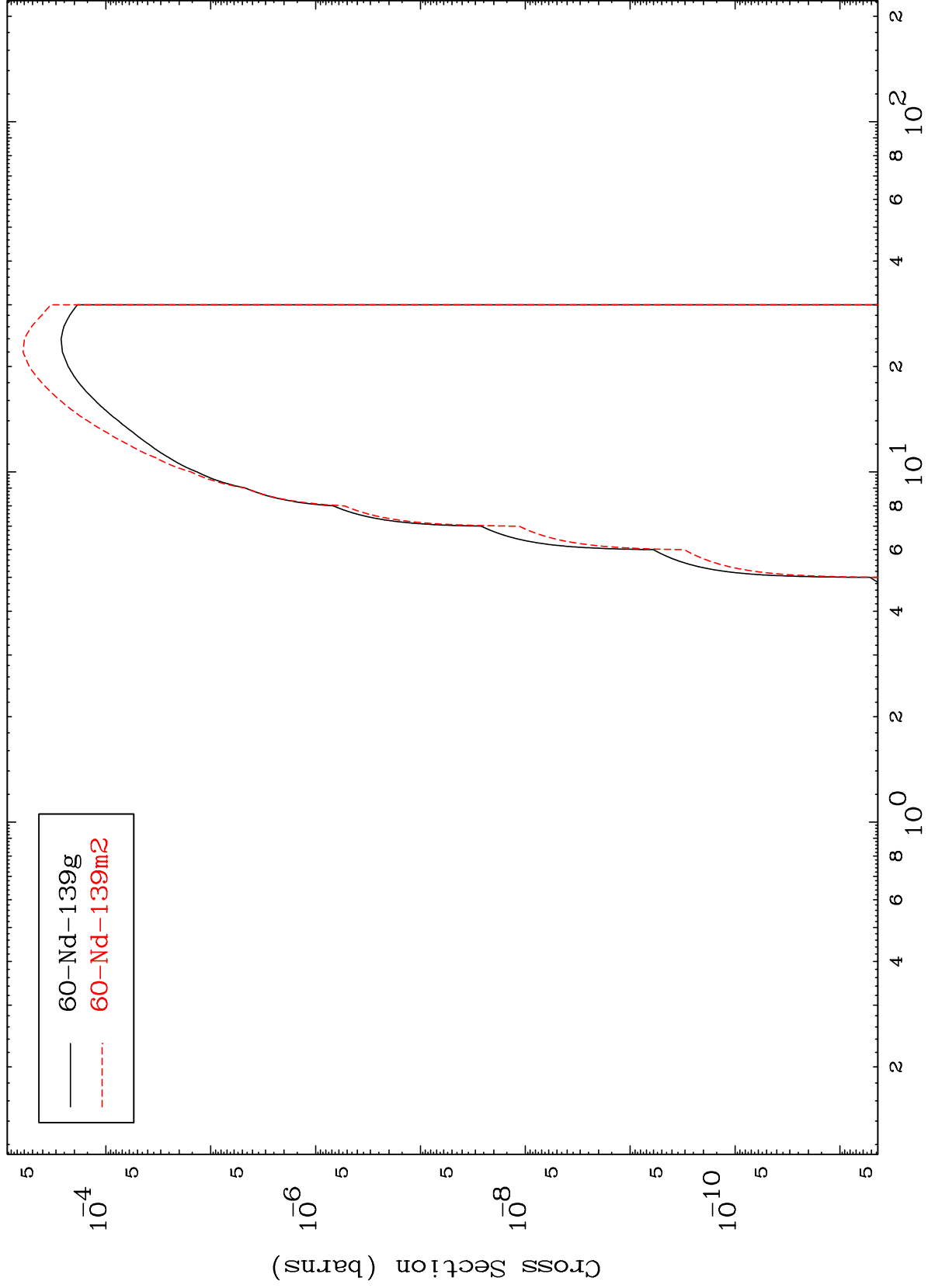


MAT 6217

(n,p)  $\alpha$

62-Sm-141m

Radionuclide Production Cross Section

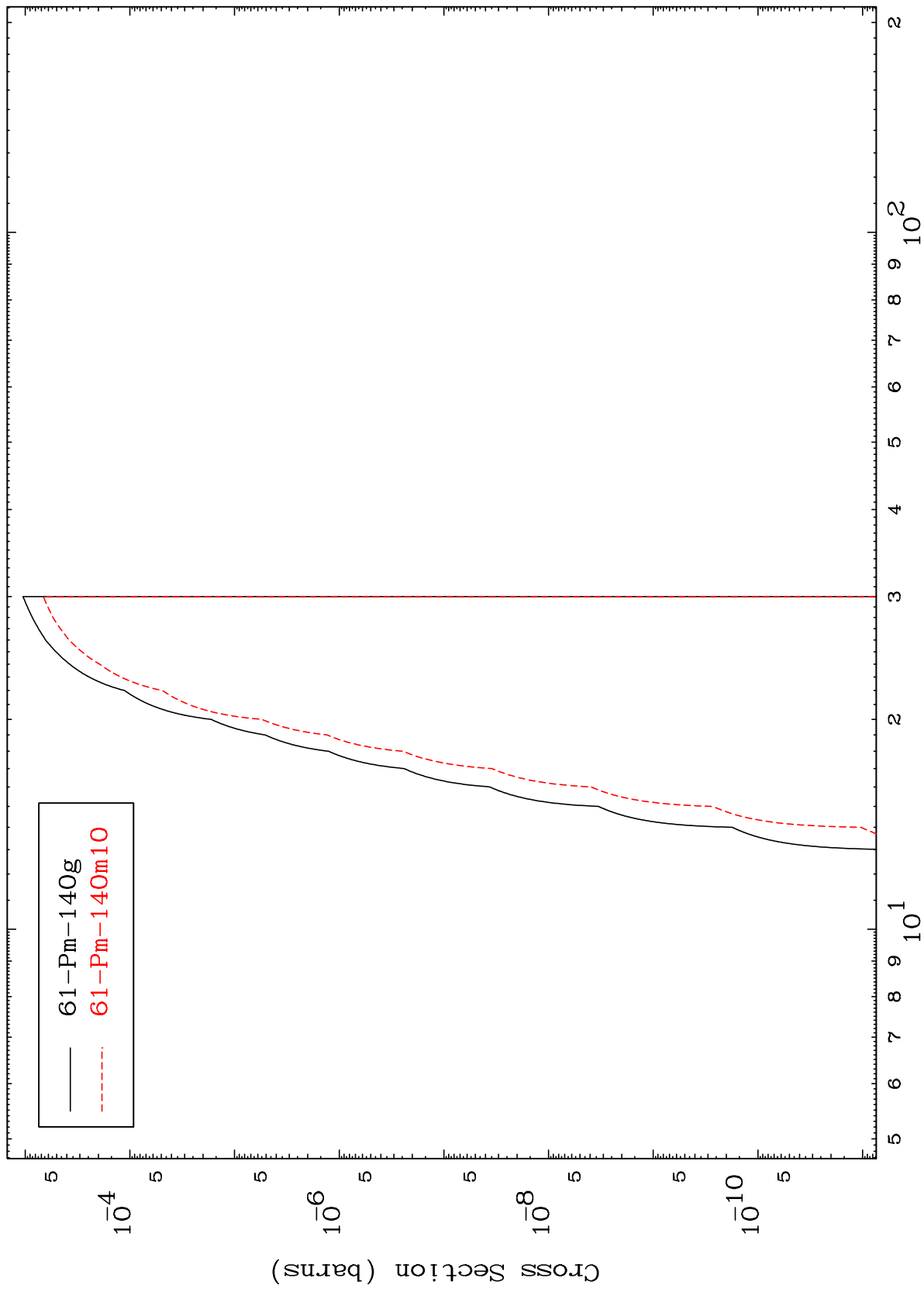


MAT 6217

(n,p) t

62-Sm-141m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

62-Sm-141m