

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

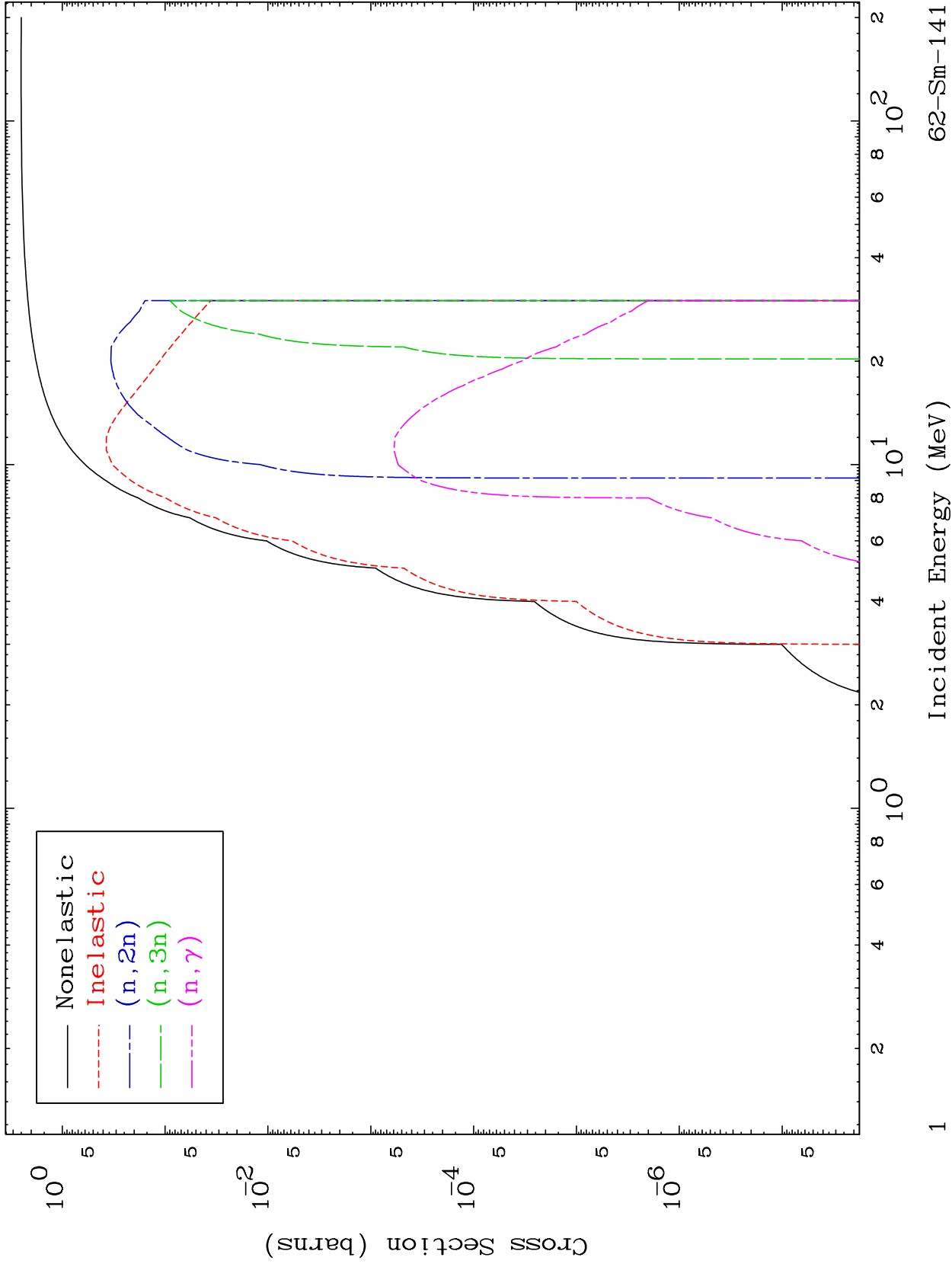
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6216

Deuteron Major  
0 Kelvin Cross Sections

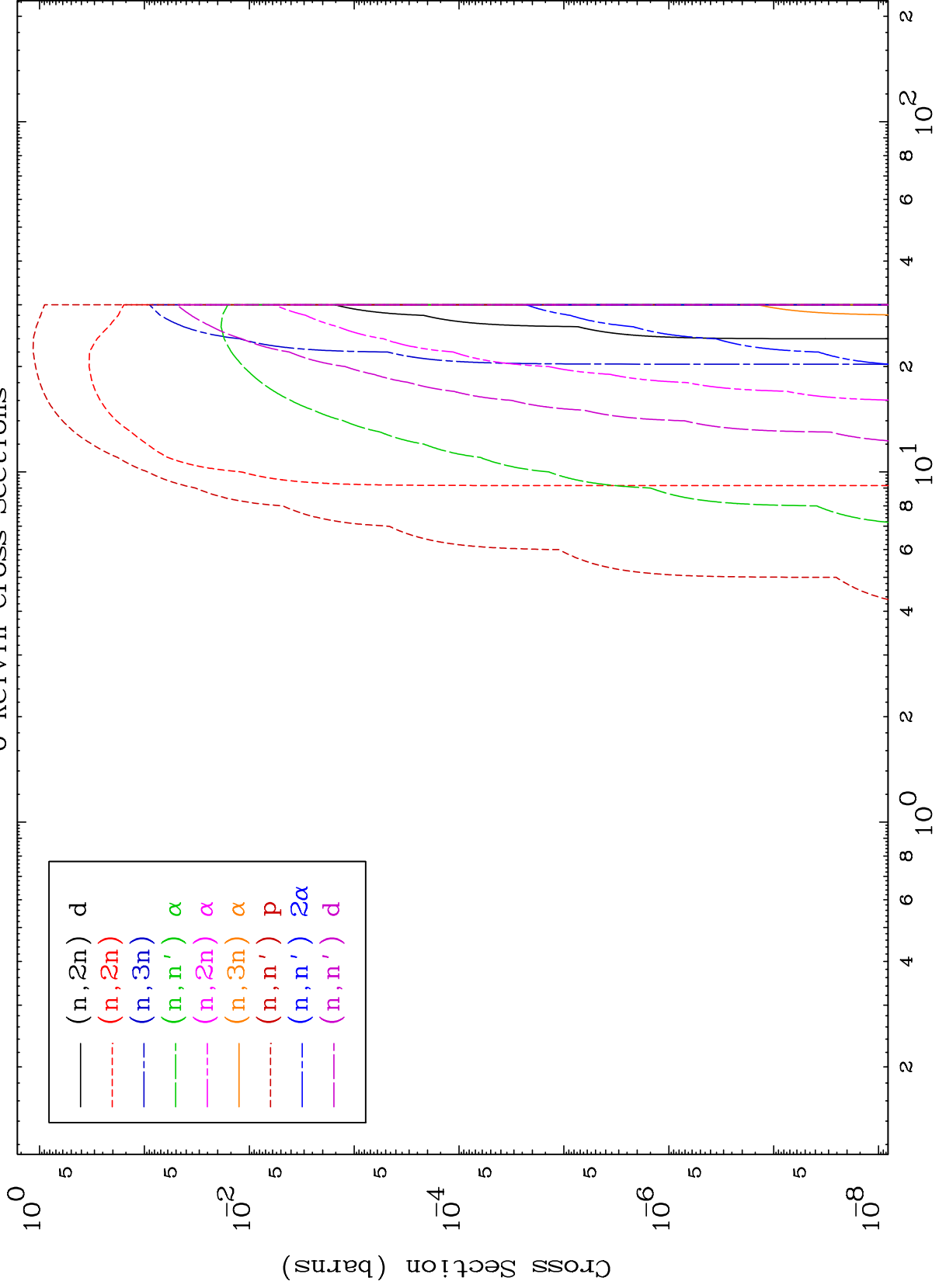
62-Sm-141

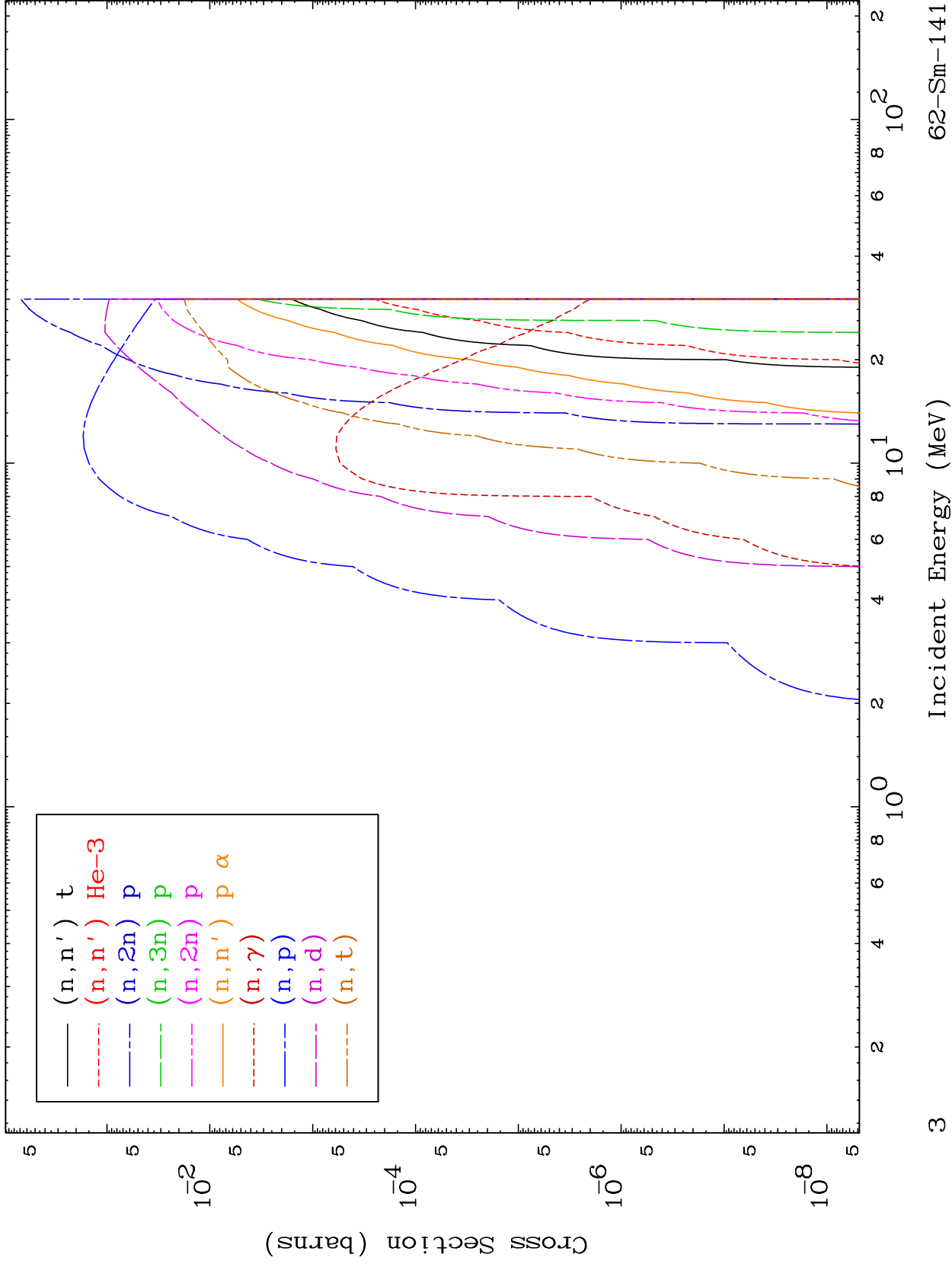


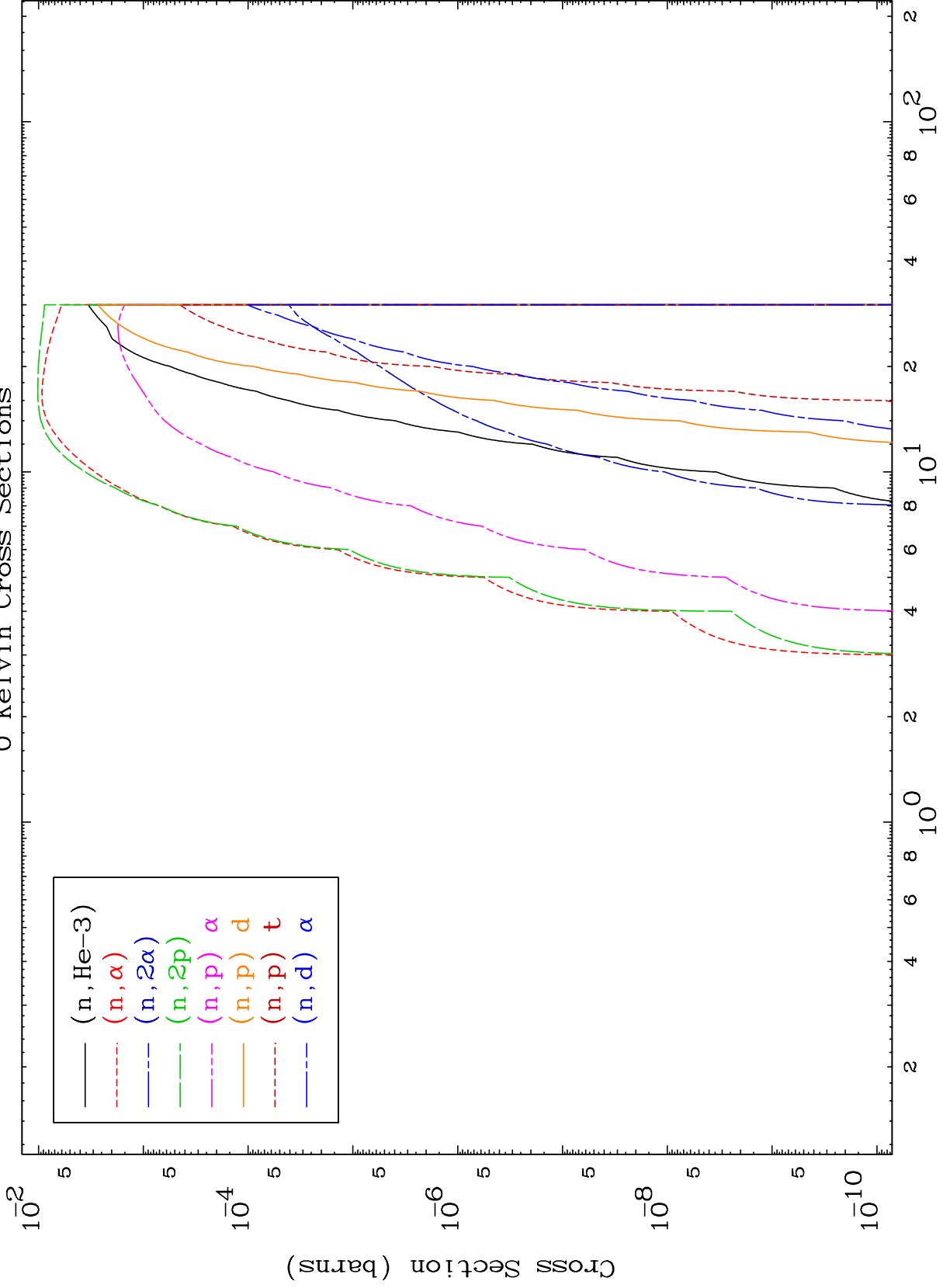
MAT 6216

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

62-Sm-141



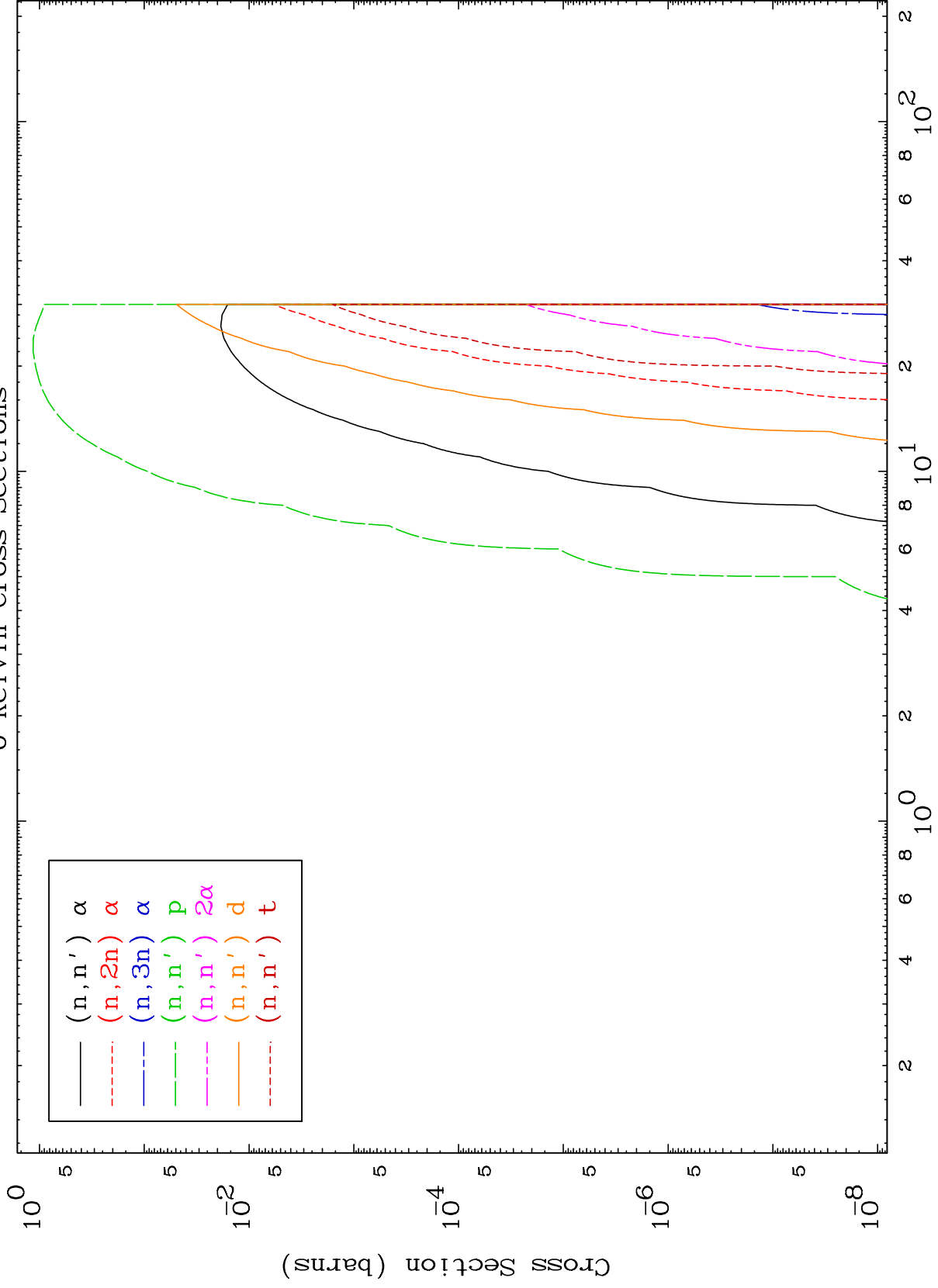


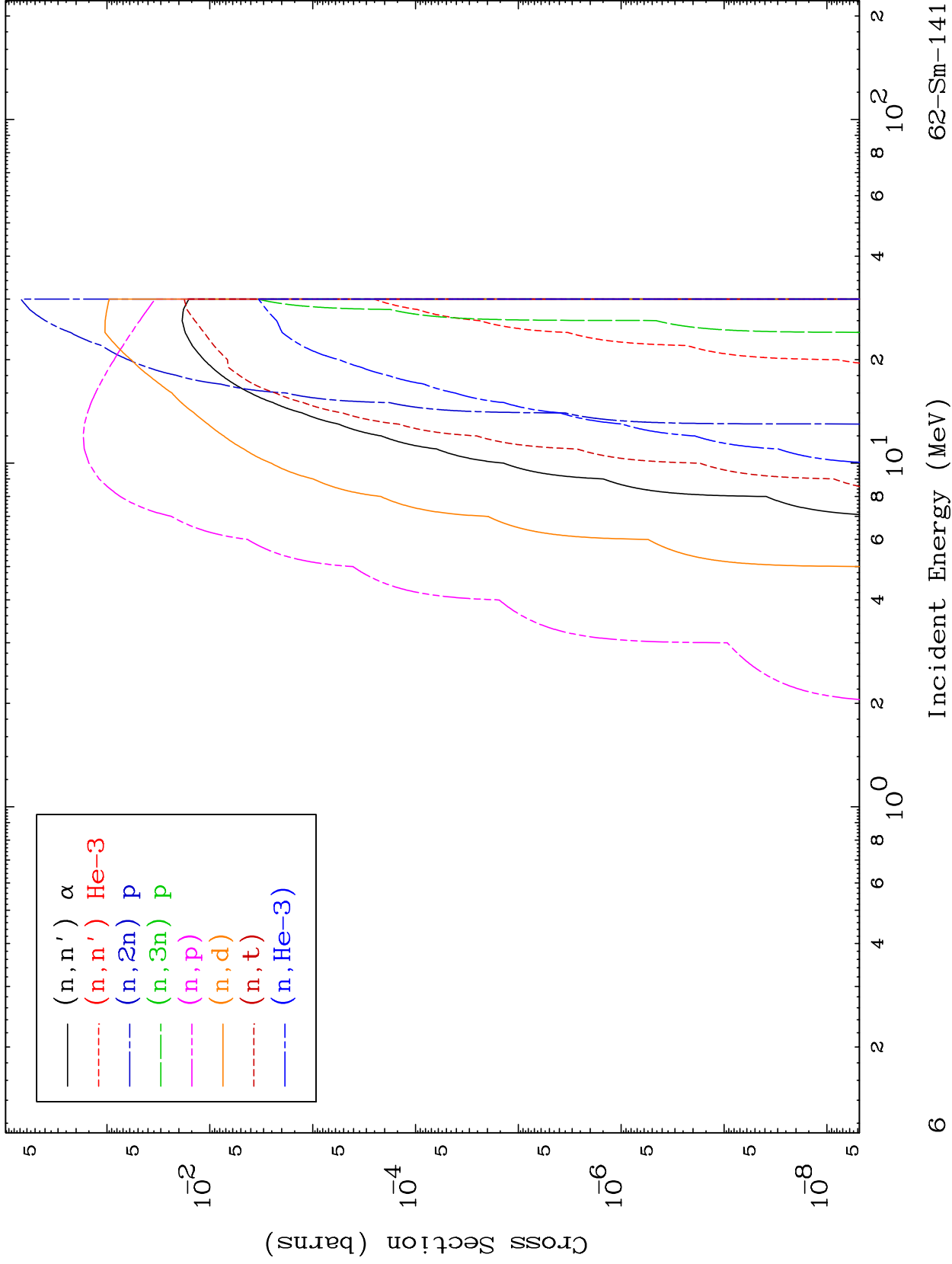


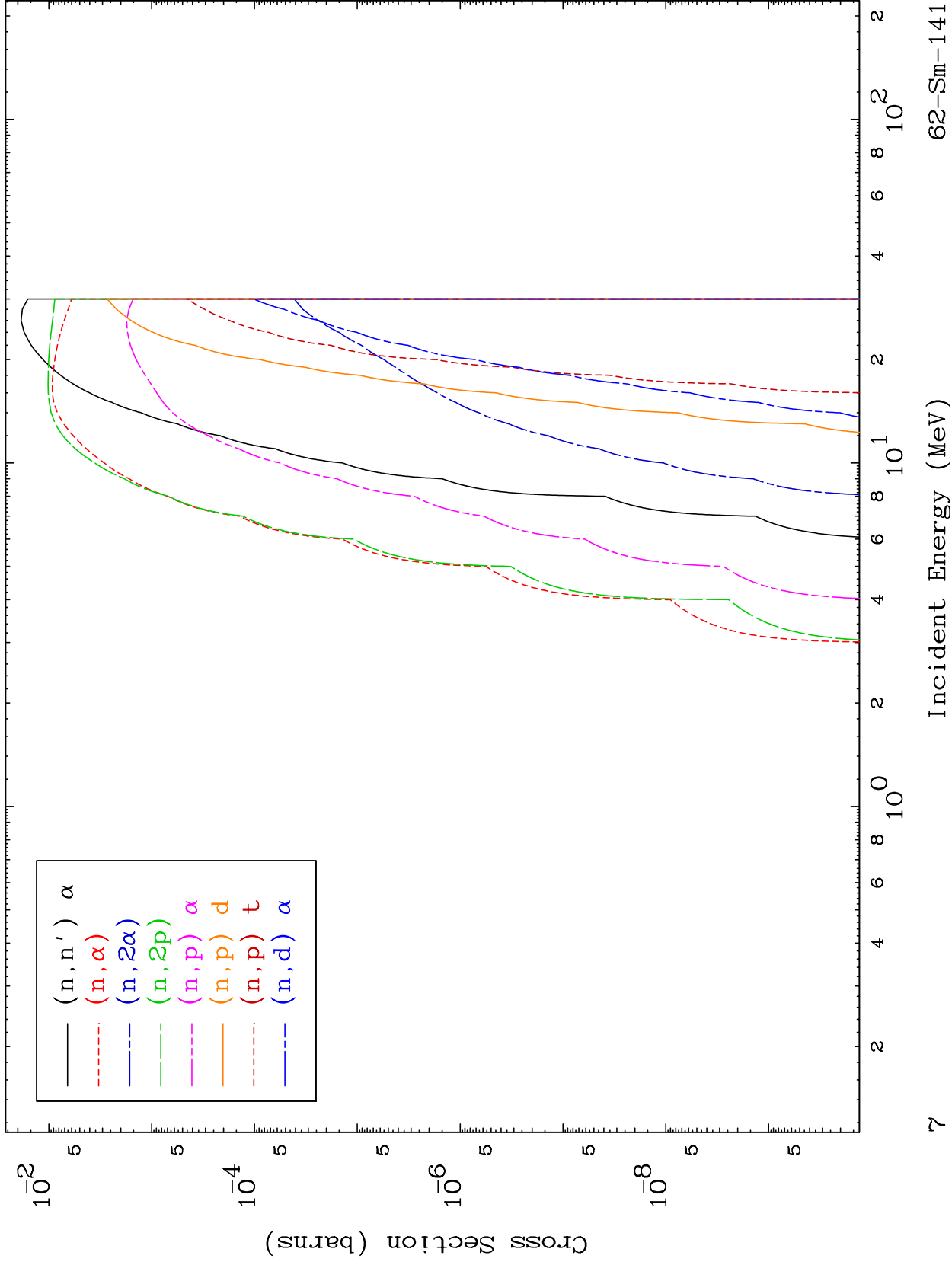
MAT 6216

Deuteron Charged Particle  
0 Kelvin Cross Sections

62-Sm-141





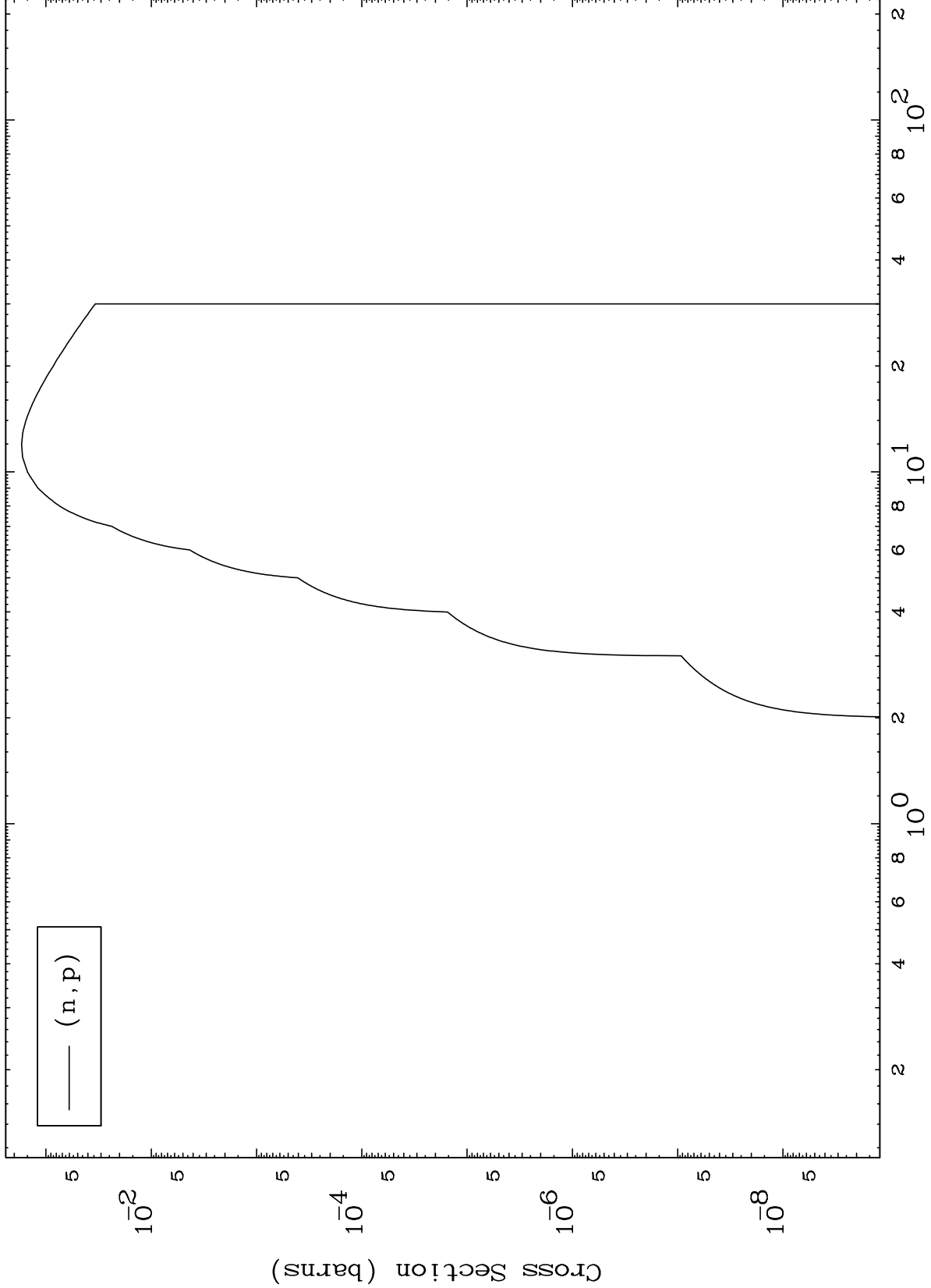


MAT 6216

(d,p) Levels

62-Sm-141

0 Kelvin Cross Sections



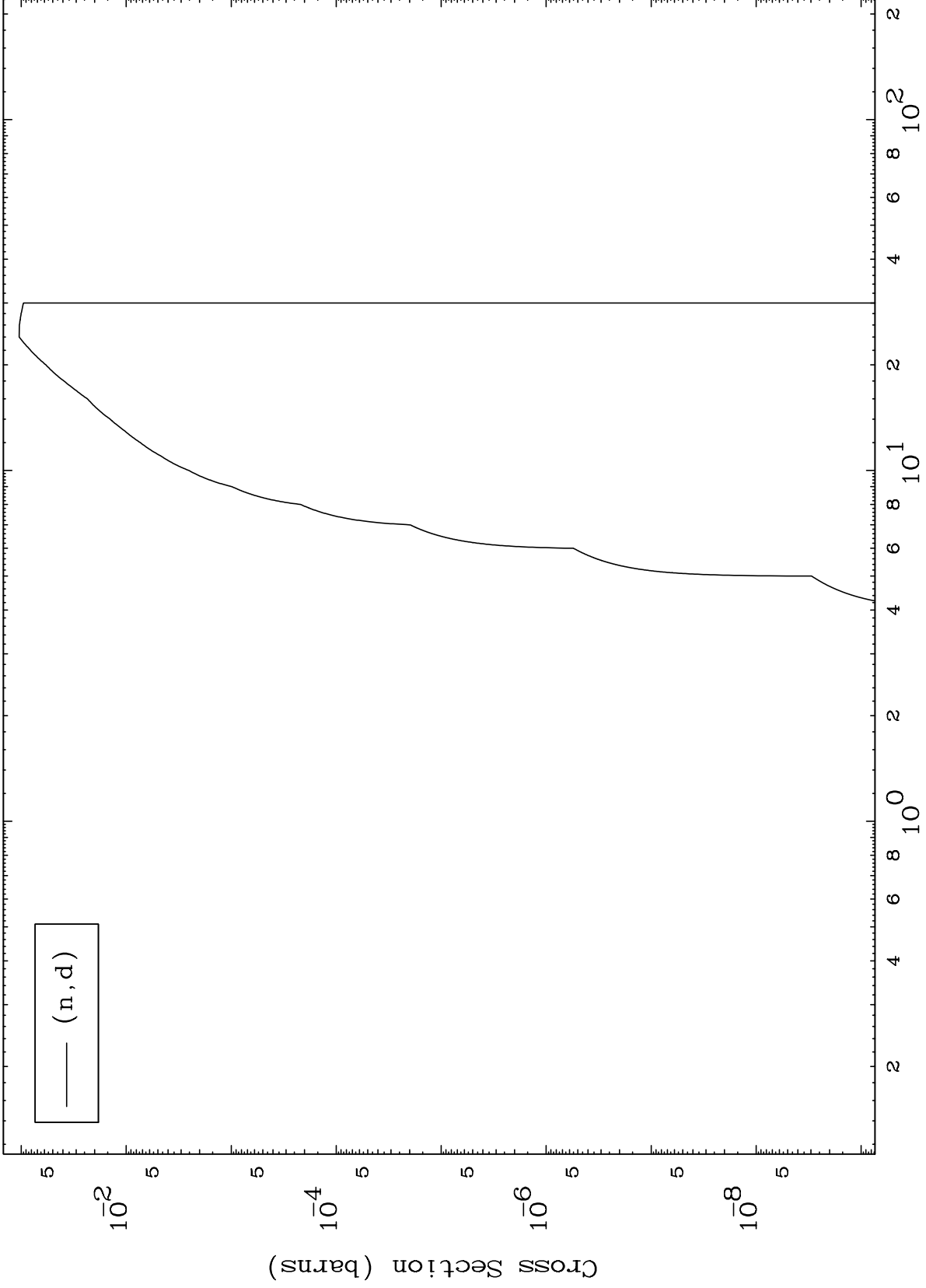
(n,p)

MAT 6216

(d,d) Levels

62-Sm-141

0 Kelvin Cross Sections

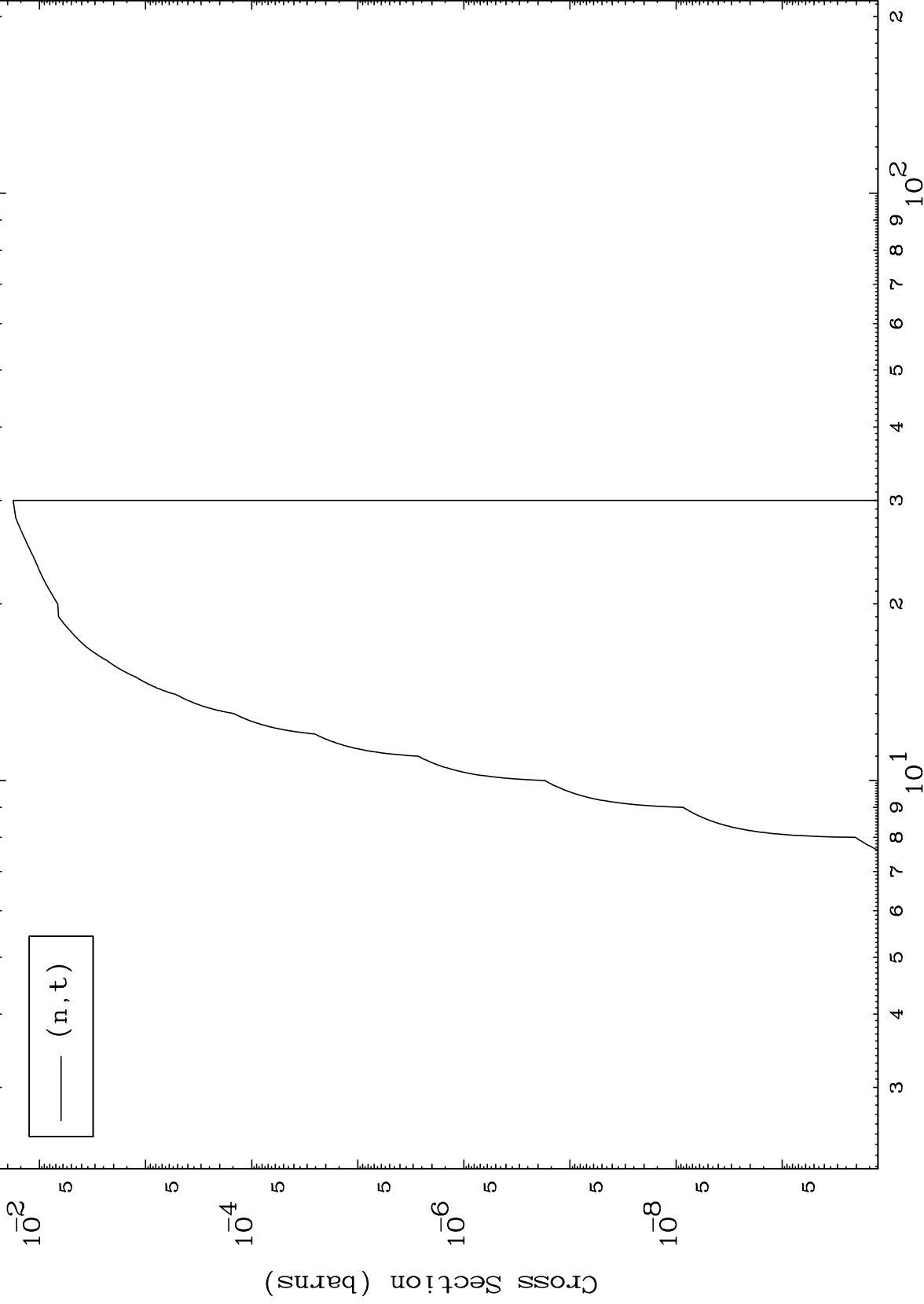


MAT 6216

(d,t) Levels

62-Sm-141

0 Kelvin Cross Sections



10

Incident Energy (MeV)

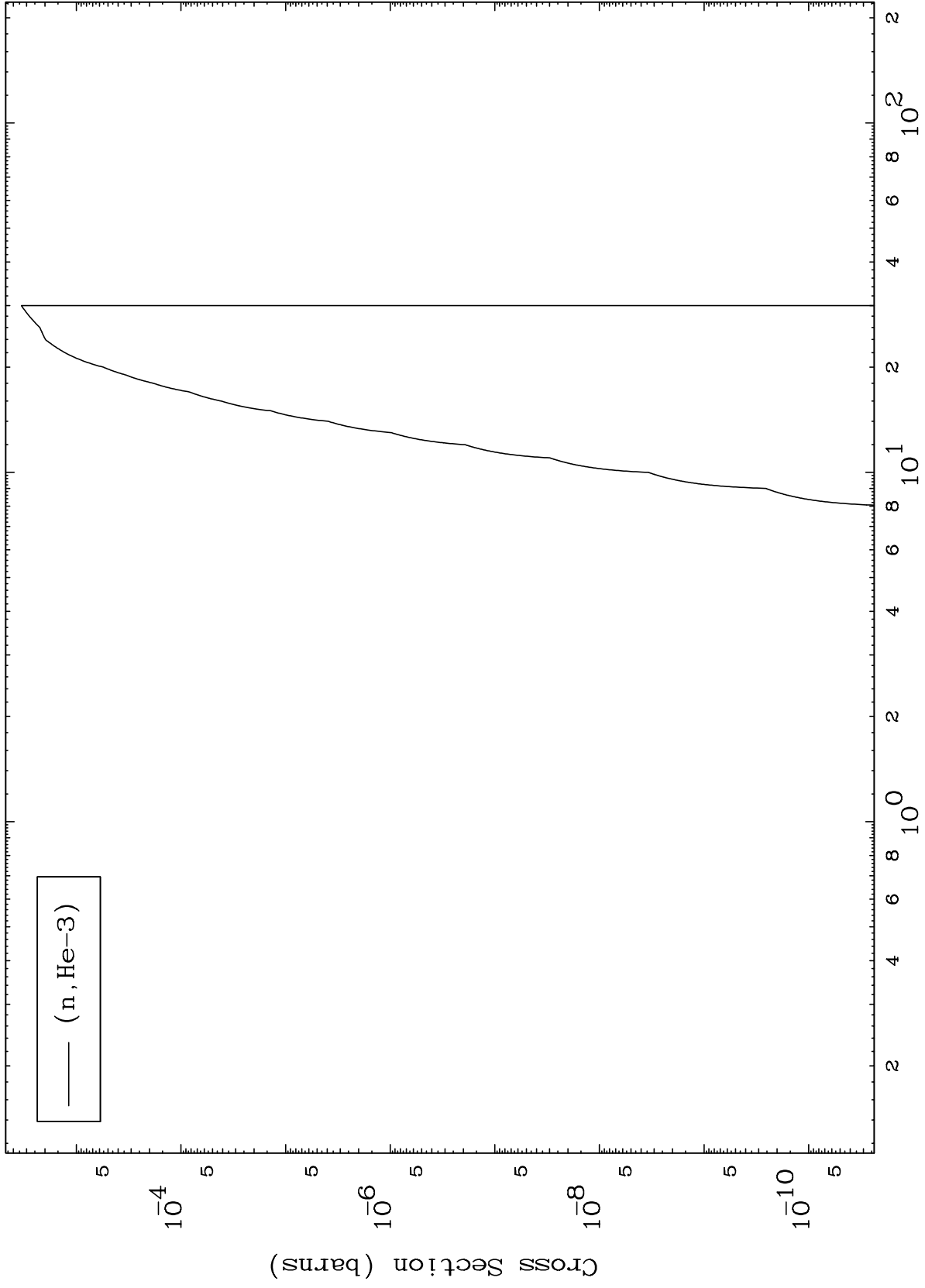
62-Sm-141

MAT 6216

(d,He3) Levels

62-Sm-141

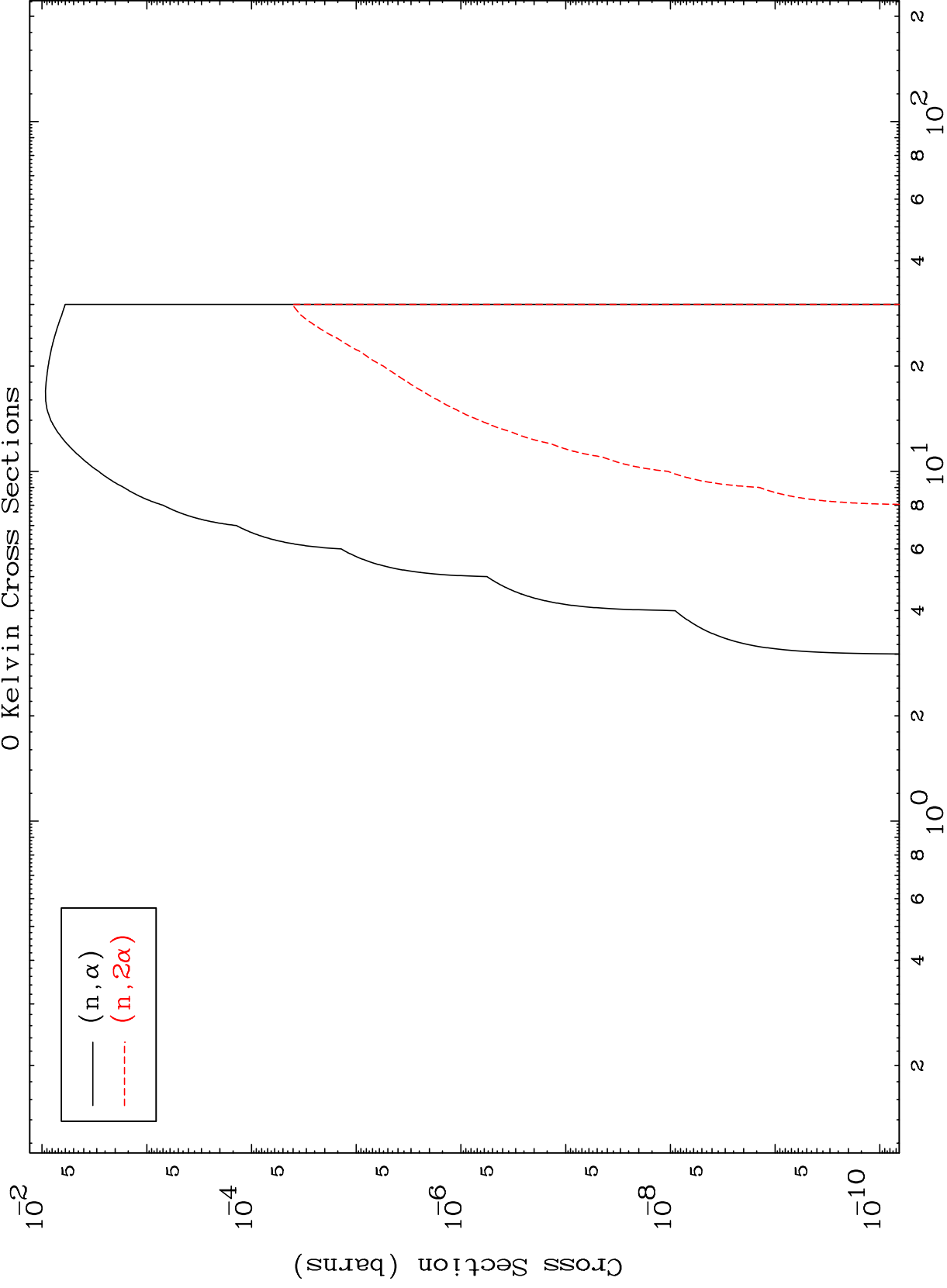
0 Kelvin Cross Sections



MAT 6216

62-Sm-141

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



62-Sm-141

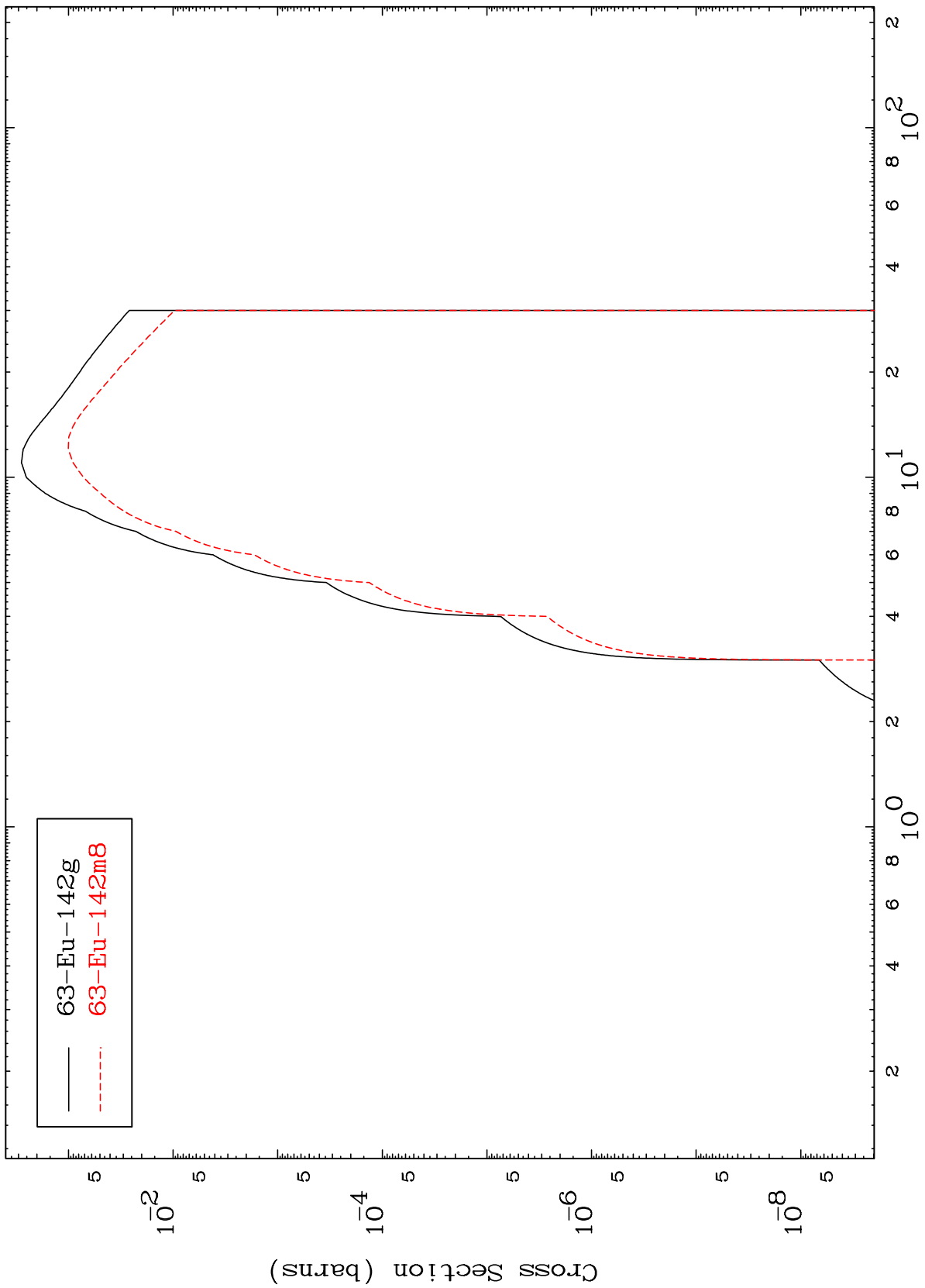
Incident Energy (MeV)

12

MAT 6216

62-Sm-141

Inelastic  
Radionuclide Production Cross Section



62-Sm-141

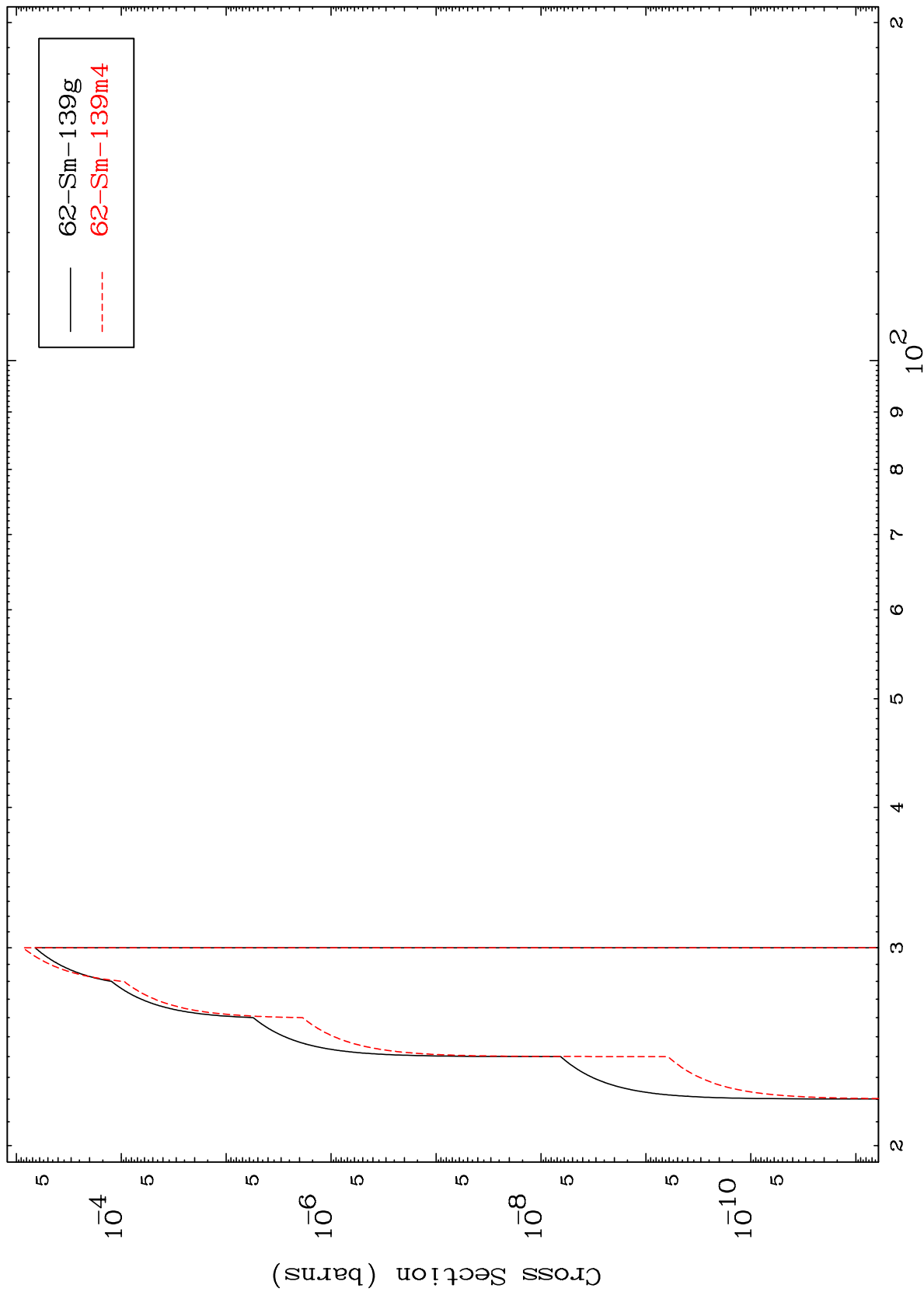
Incident Energy (MeV)

MAT 6216

(n,2n) d

62-Sm-141

Radionuclide Production Cross Section



14

Incident Energy (MeV)

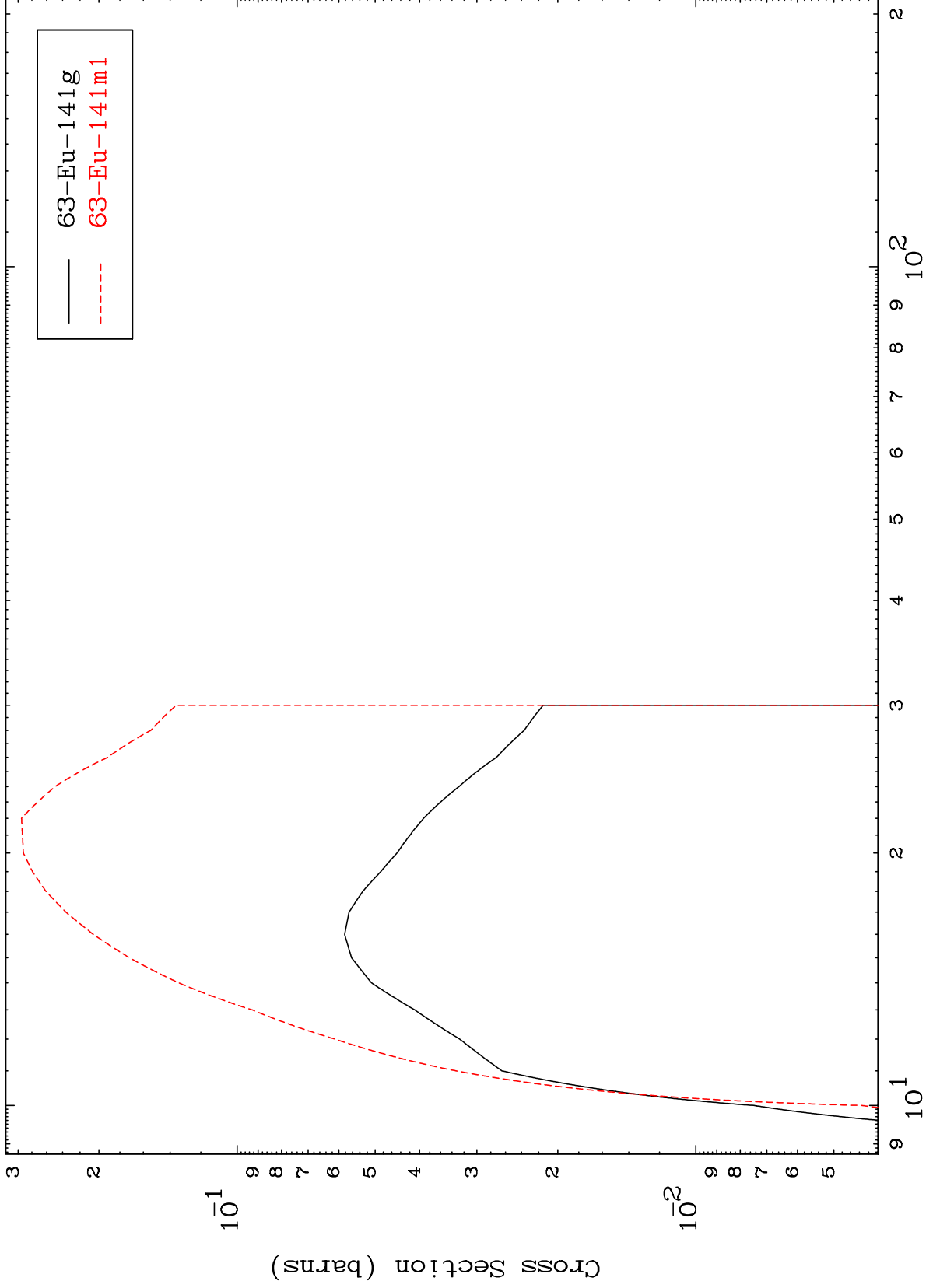
62-Sm-141

MAT 6216

(n,2n)

62-Sm-141

Radionuclide Production Cross Section



Incident Energy (MeV)

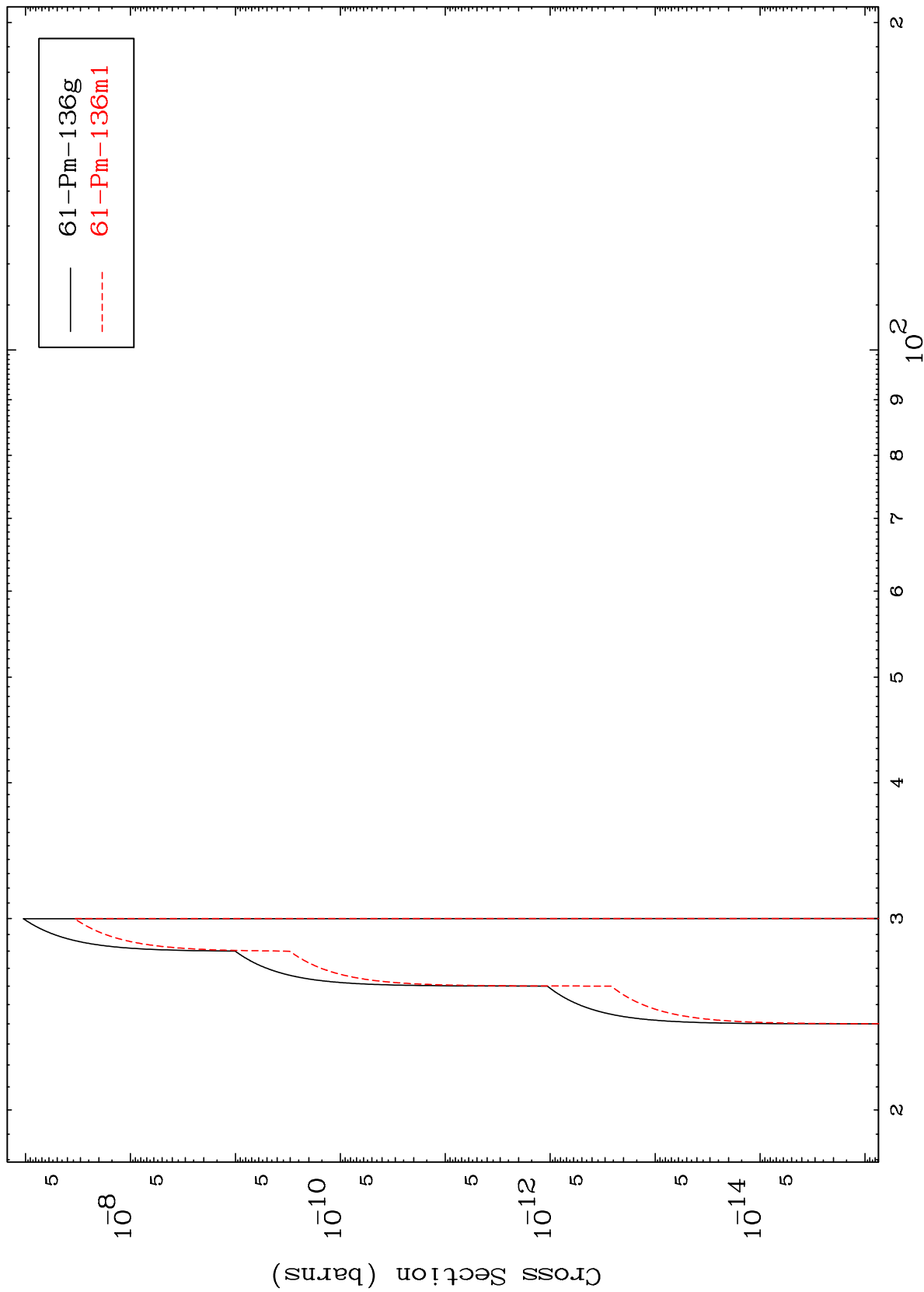
62-Sm-141

MAT 6216

$(n,3n) \alpha$

62-Sm-141

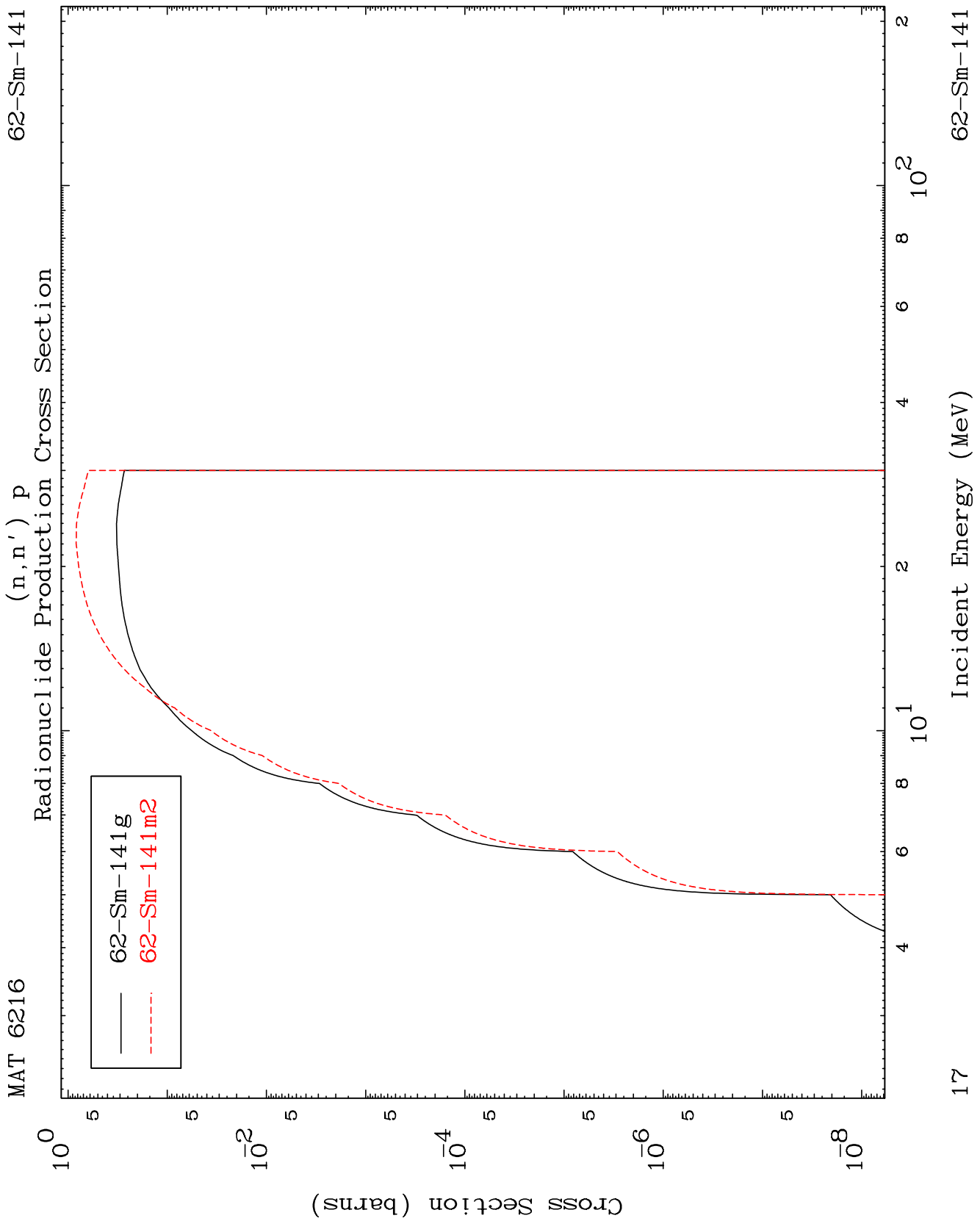
Radionuclide Production Cross Section



16

Incident Energy (MeV)

62-Sm-141

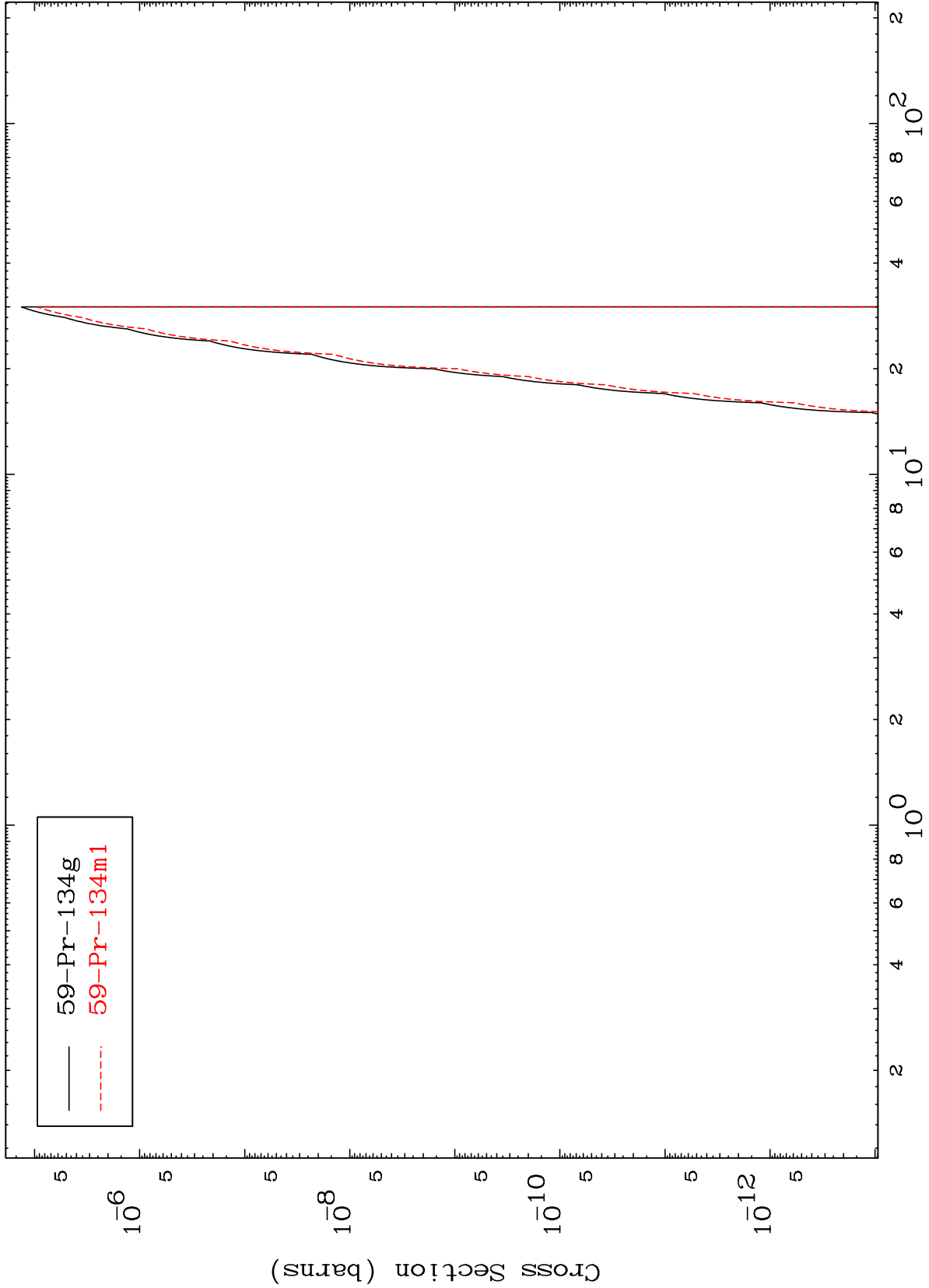


MAT 6216

(n,n') 2 $\alpha$

62-Sm-141

Radionuclide Production Cross Section

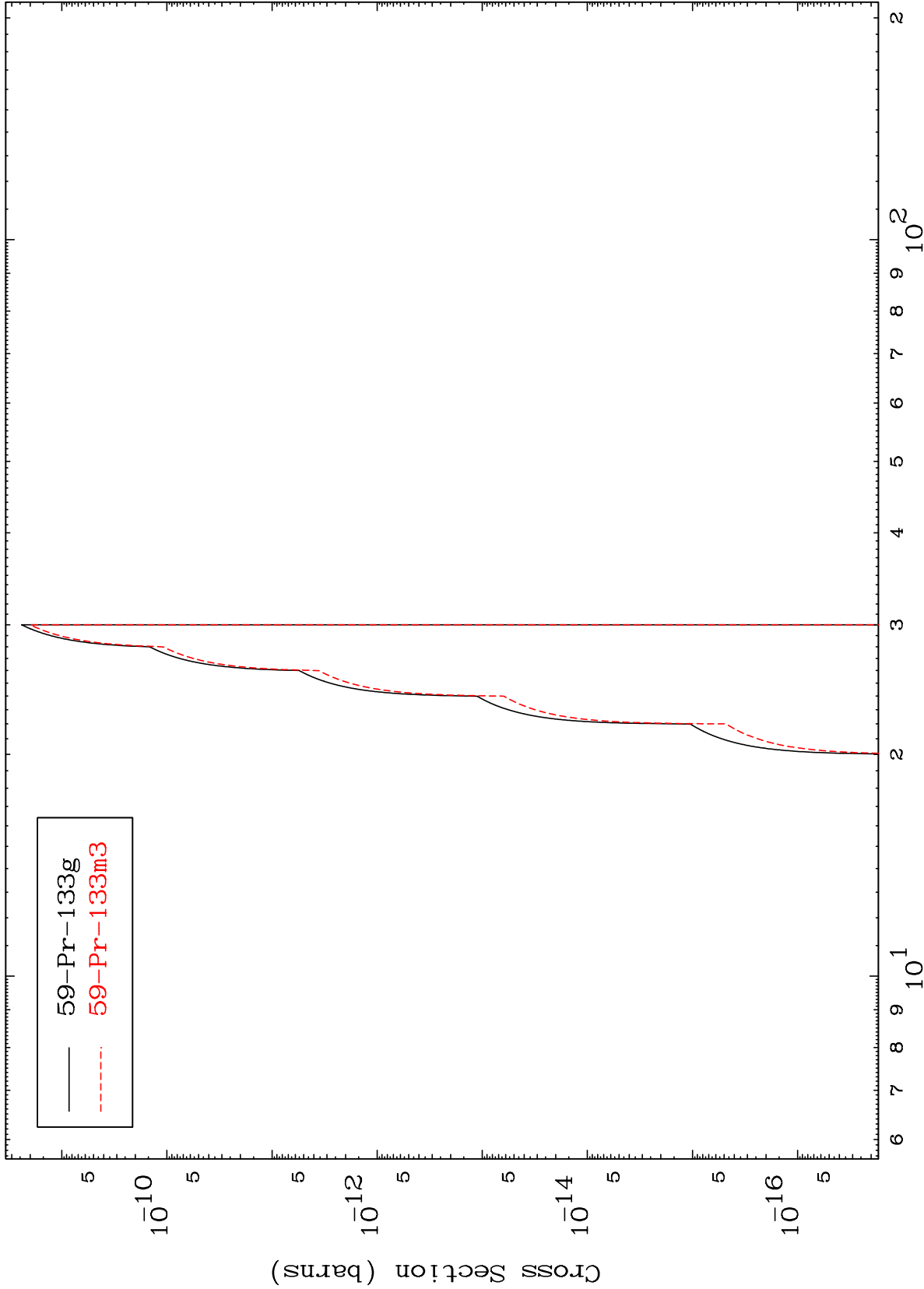


MAT 6216

(n,2n) 2α

62-Sm-141

Radionuclide Production Cross Section



59-Pr-133g  
59-Pr-133m3

19

Incident Energy (MeV)

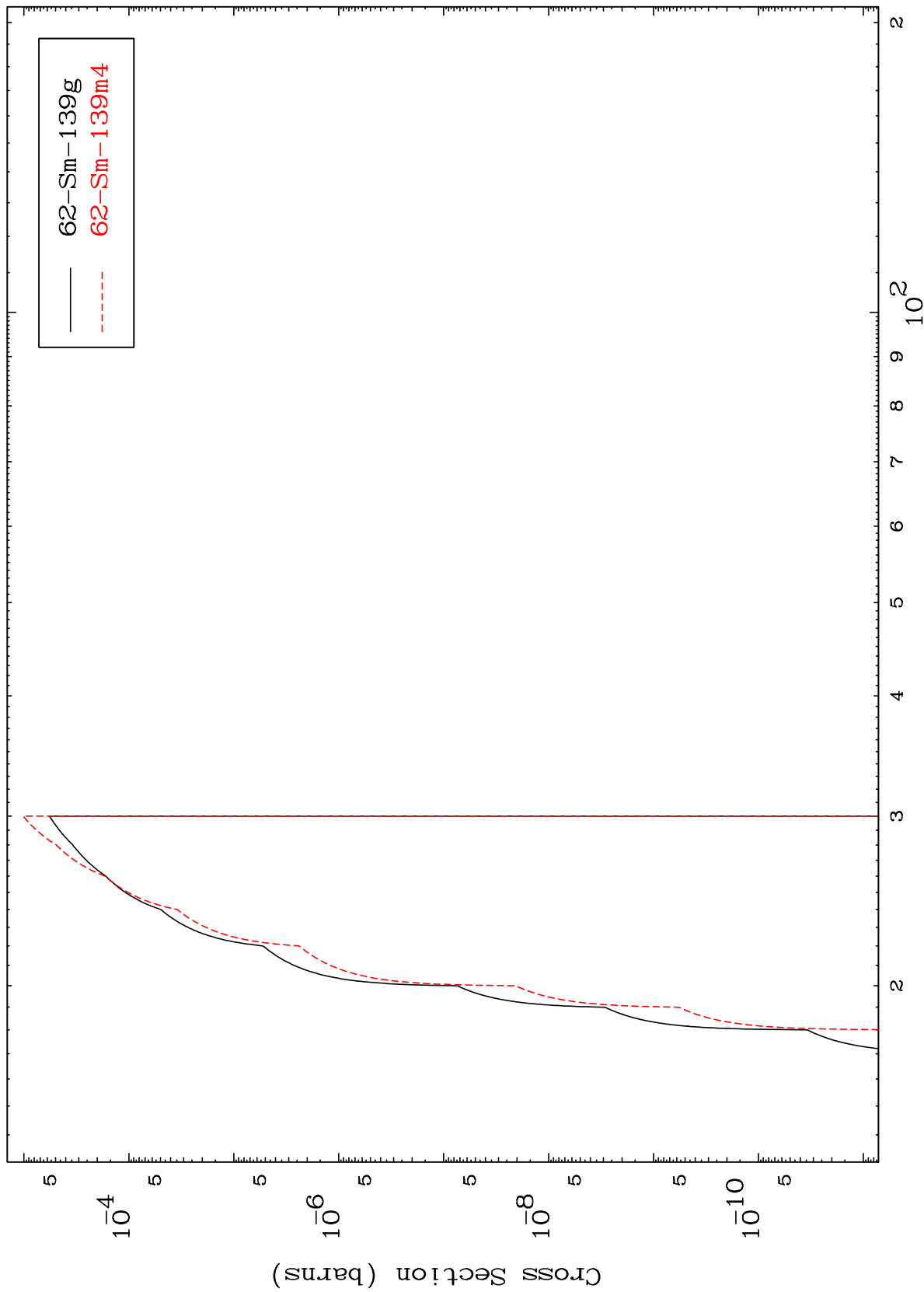
62-Sm-141

MAT 6216

(n,n') t

62-Sm-141

Radionuclide Production Cross Section



20

Incident Energy (MeV)

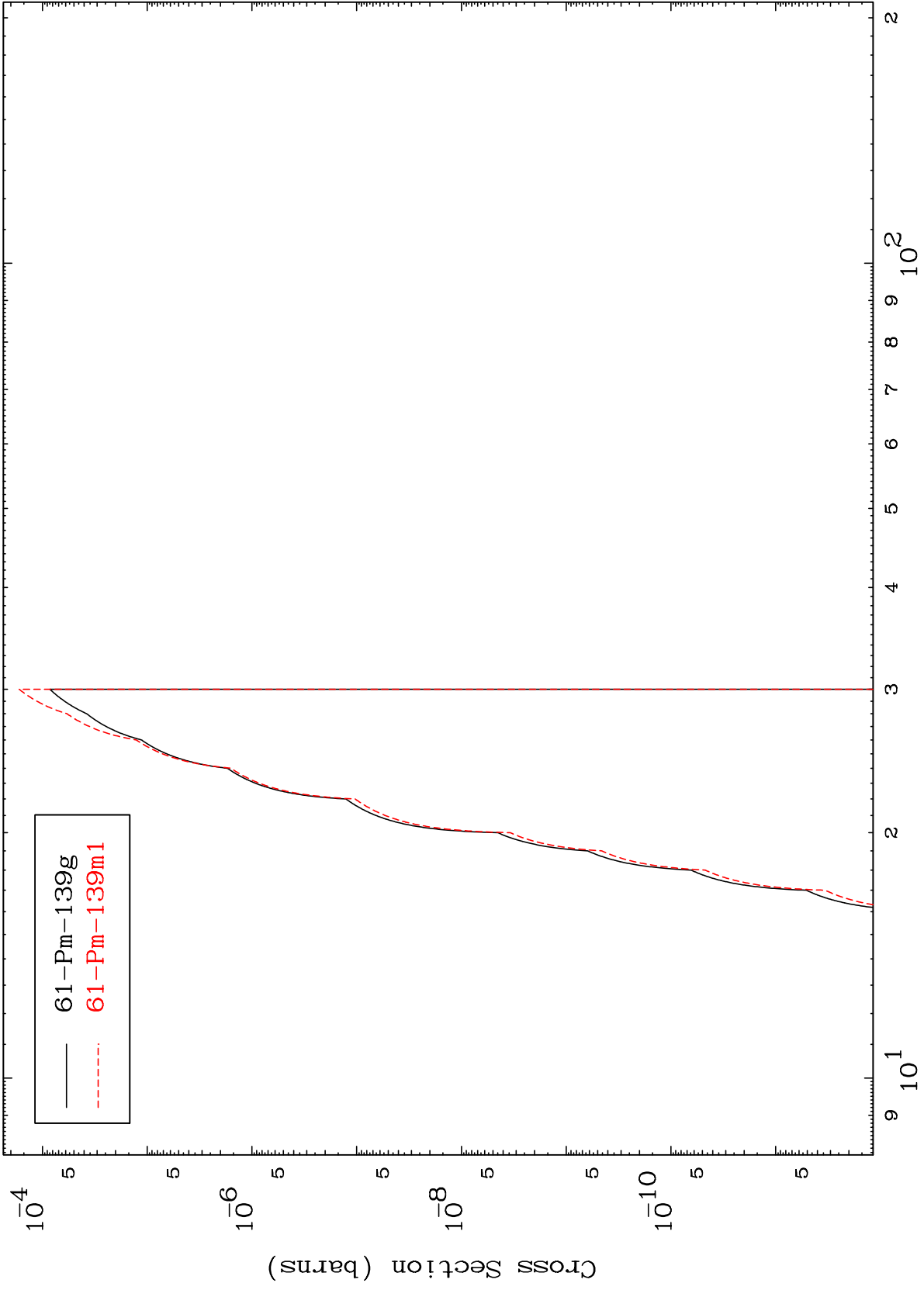
62-Sm-141

MAT 6216

(n,n') He-3

62-Sm-141

Radionuclide Production Cross Section



21

Incident Energy (MeV)

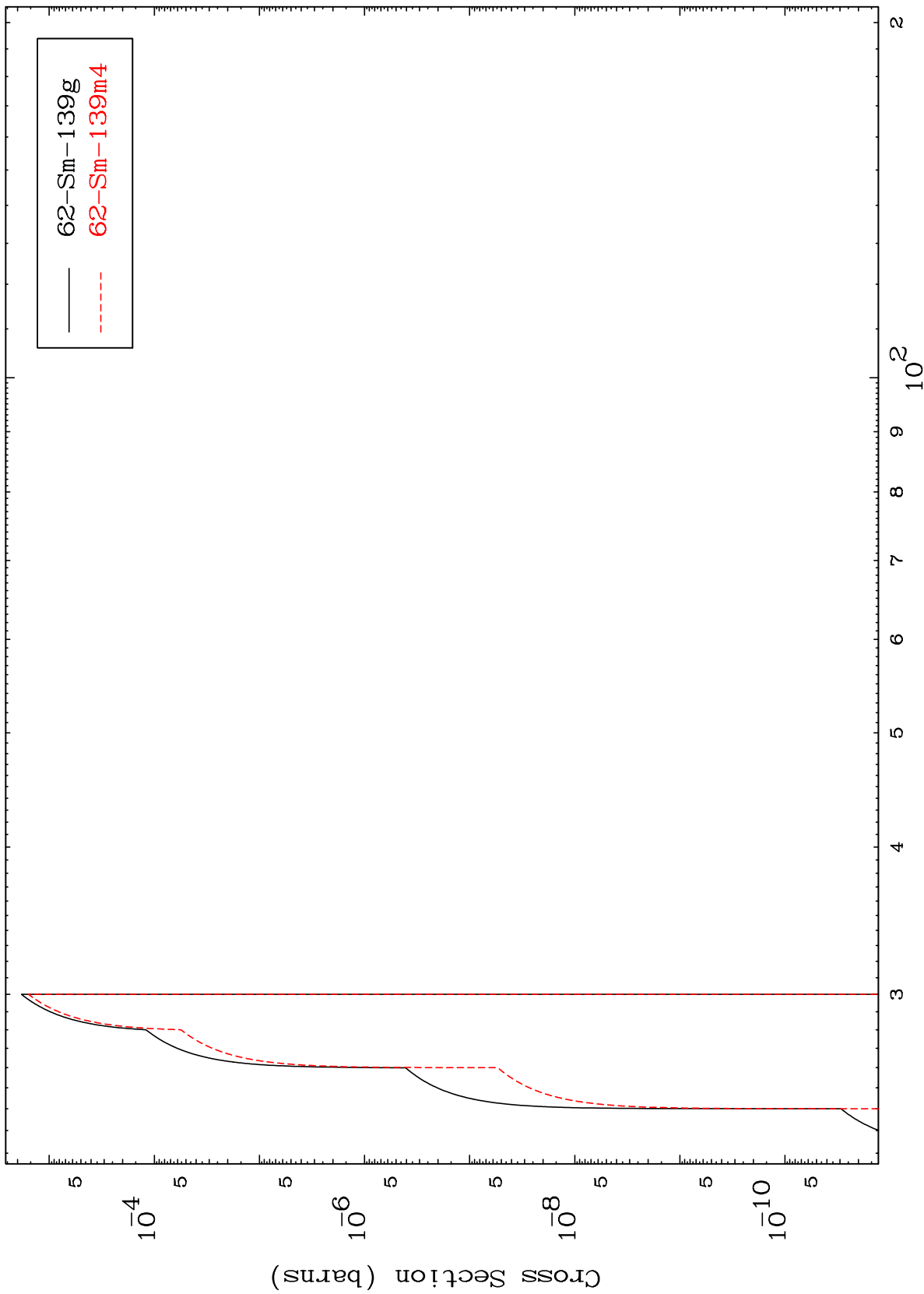
62-Sm-141

MAT 6216

(n,3n) p

62-Sm-141

Radionuclide Production Cross Section



22

Incident Energy (MeV)

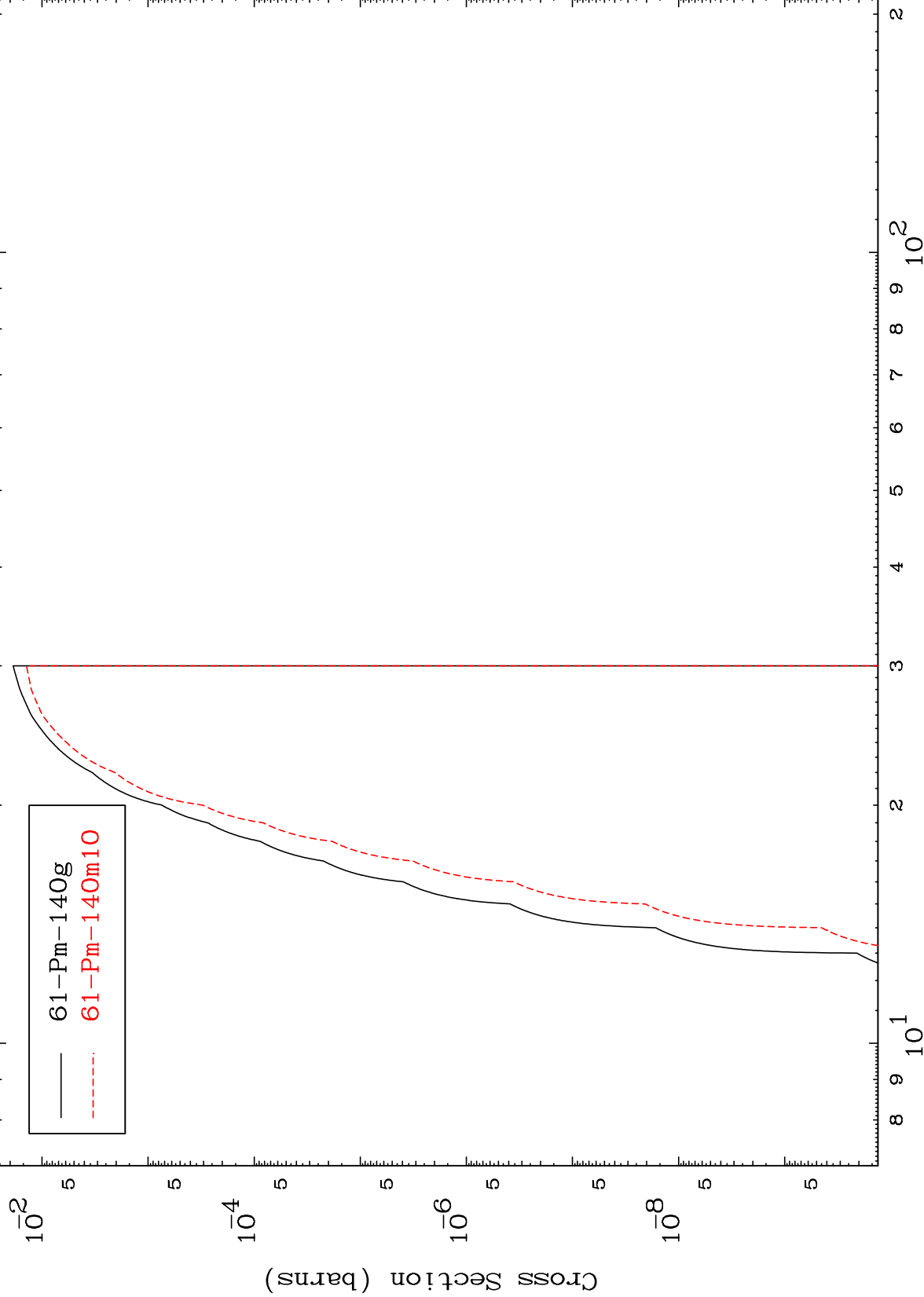
62-Sm-141

MAT 6216

(n,2n) p

62-Sm-141

Radionuclide Production Cross Section



23

Incident Energy (MeV)

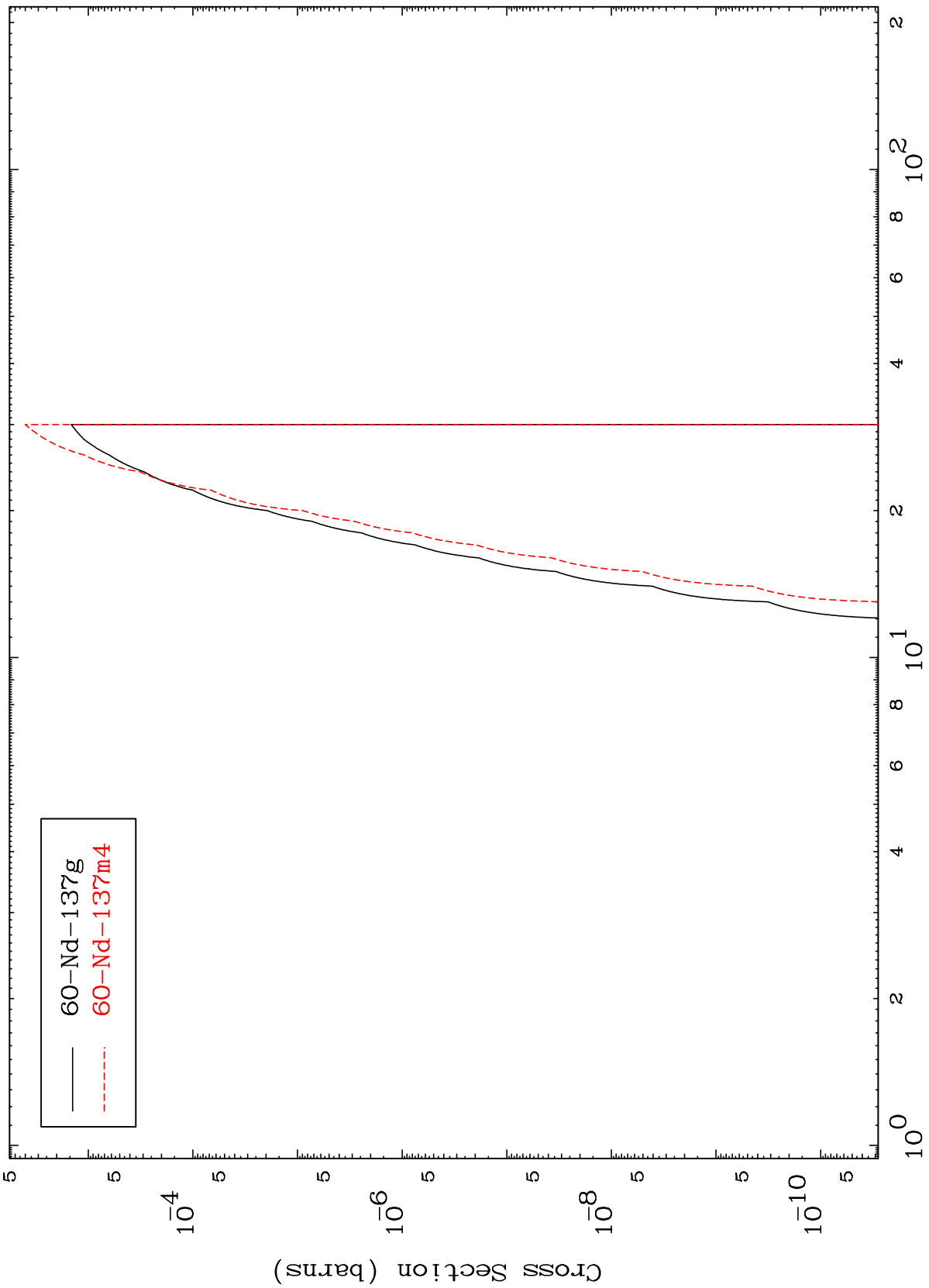
62-Sm-141

MAT 6216

(n,n') p  $\alpha$

62-Sm-141

Radionuclide Production Cross Section



24

Incident Energy (MeV)

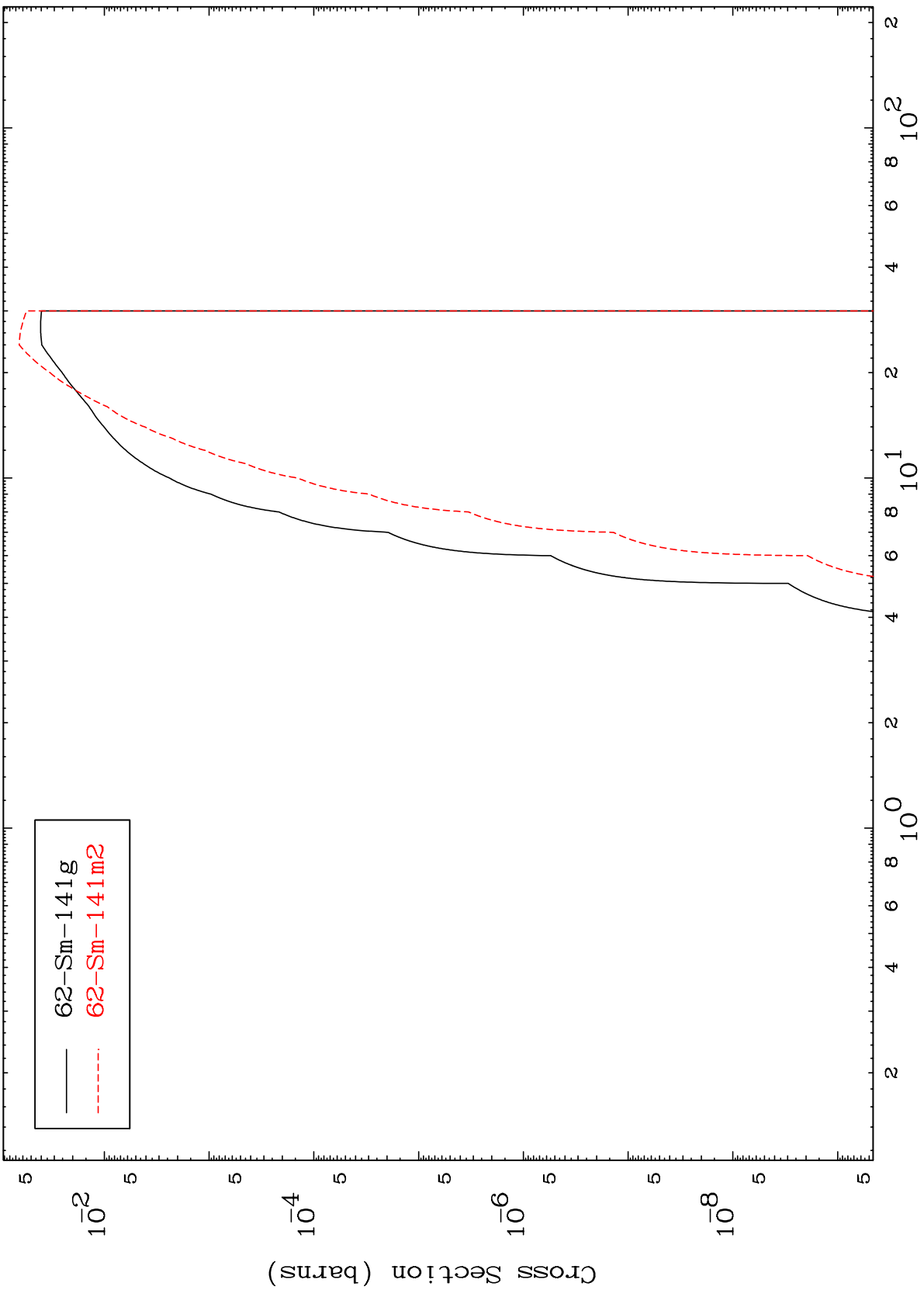
62-Sm-141

MAT 6216

(n,d)

62-Sm-141

Radionuclide Production Cross Section

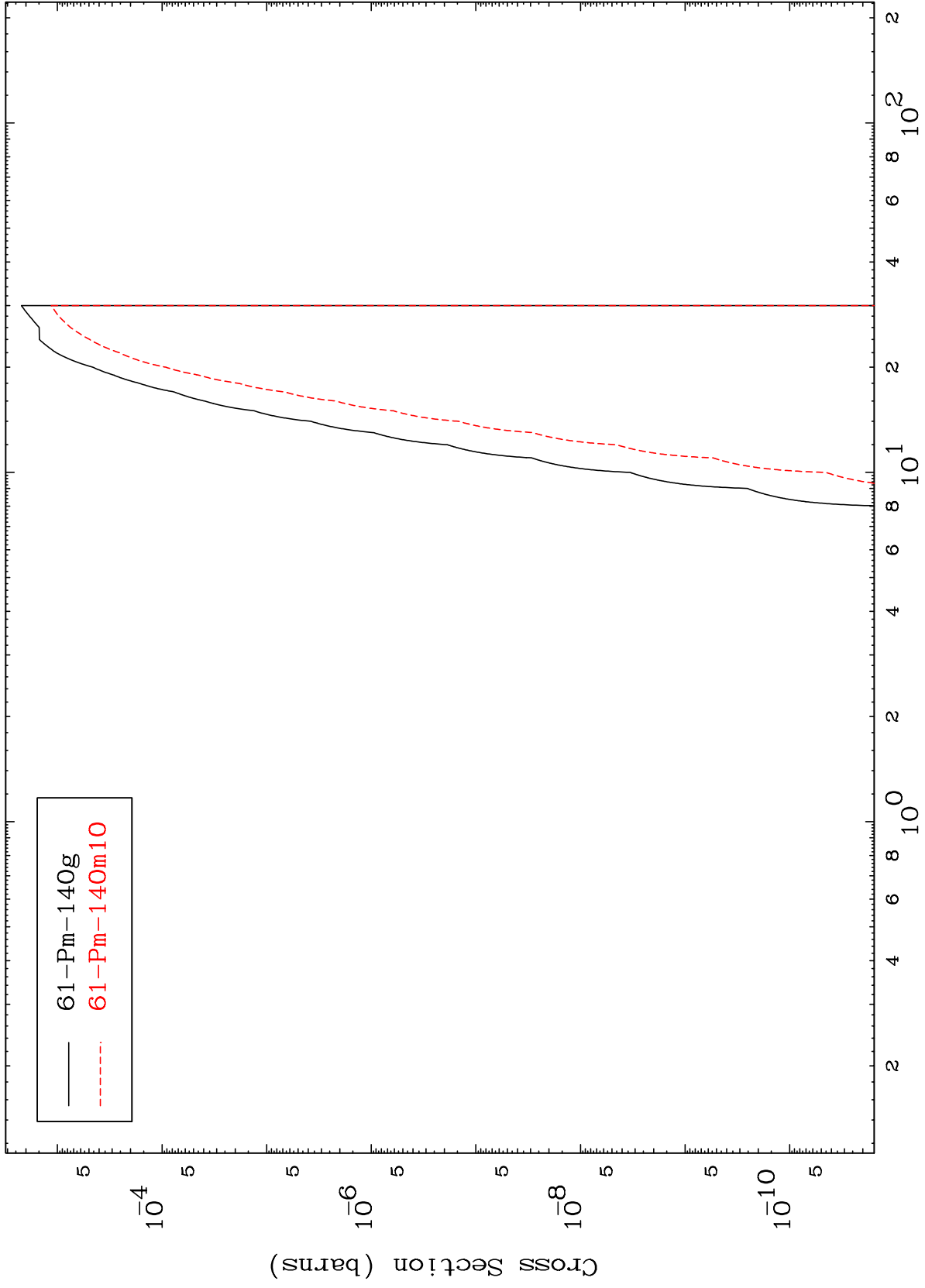


MAT 6216

(n,He-3)

62-Sm-141

Radionuclide Production Cross Section



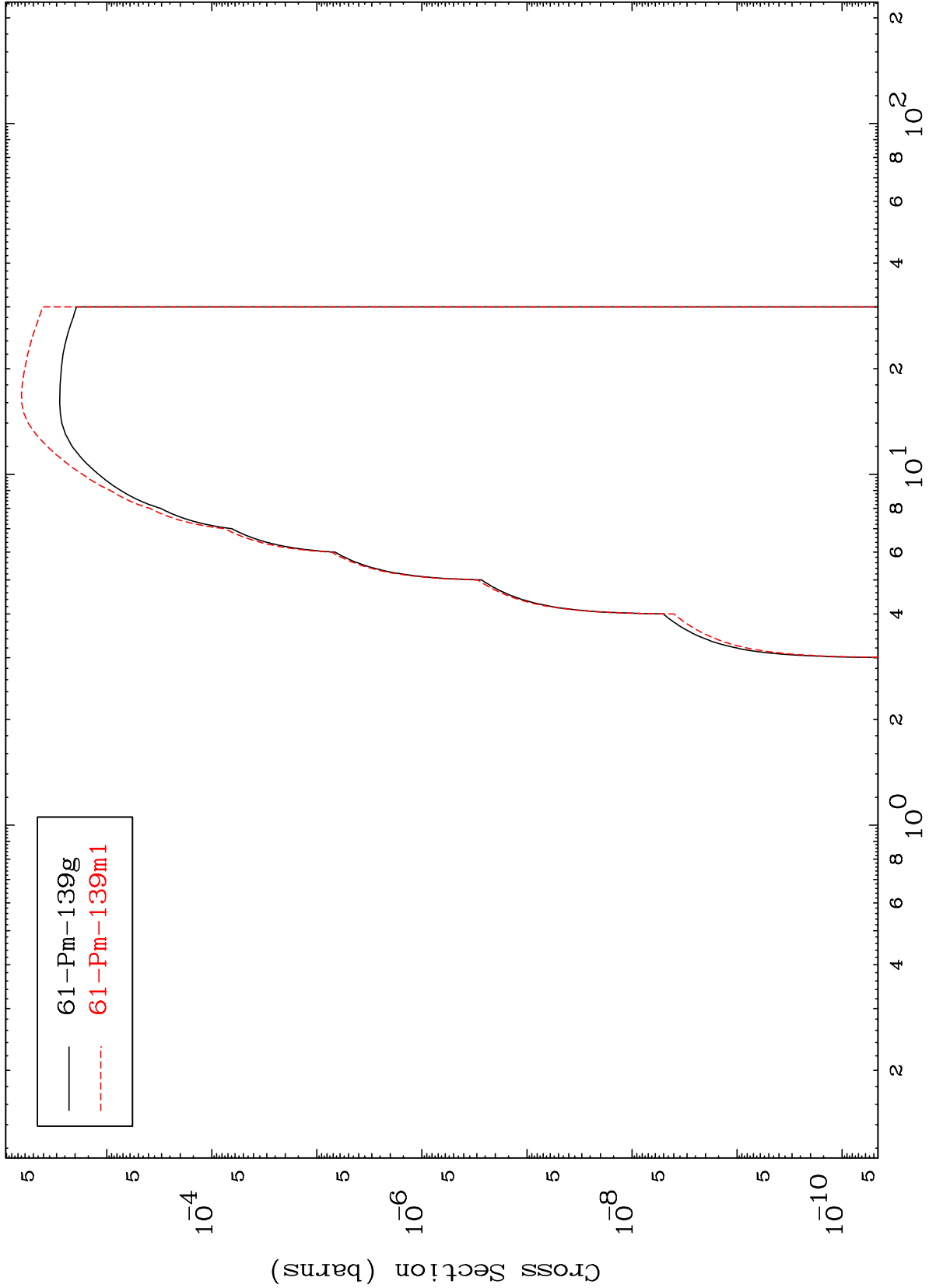
26

62-Sm-141

MAT 6216

62-Sm-141

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



62-Sm-141

Incident Energy (MeV)

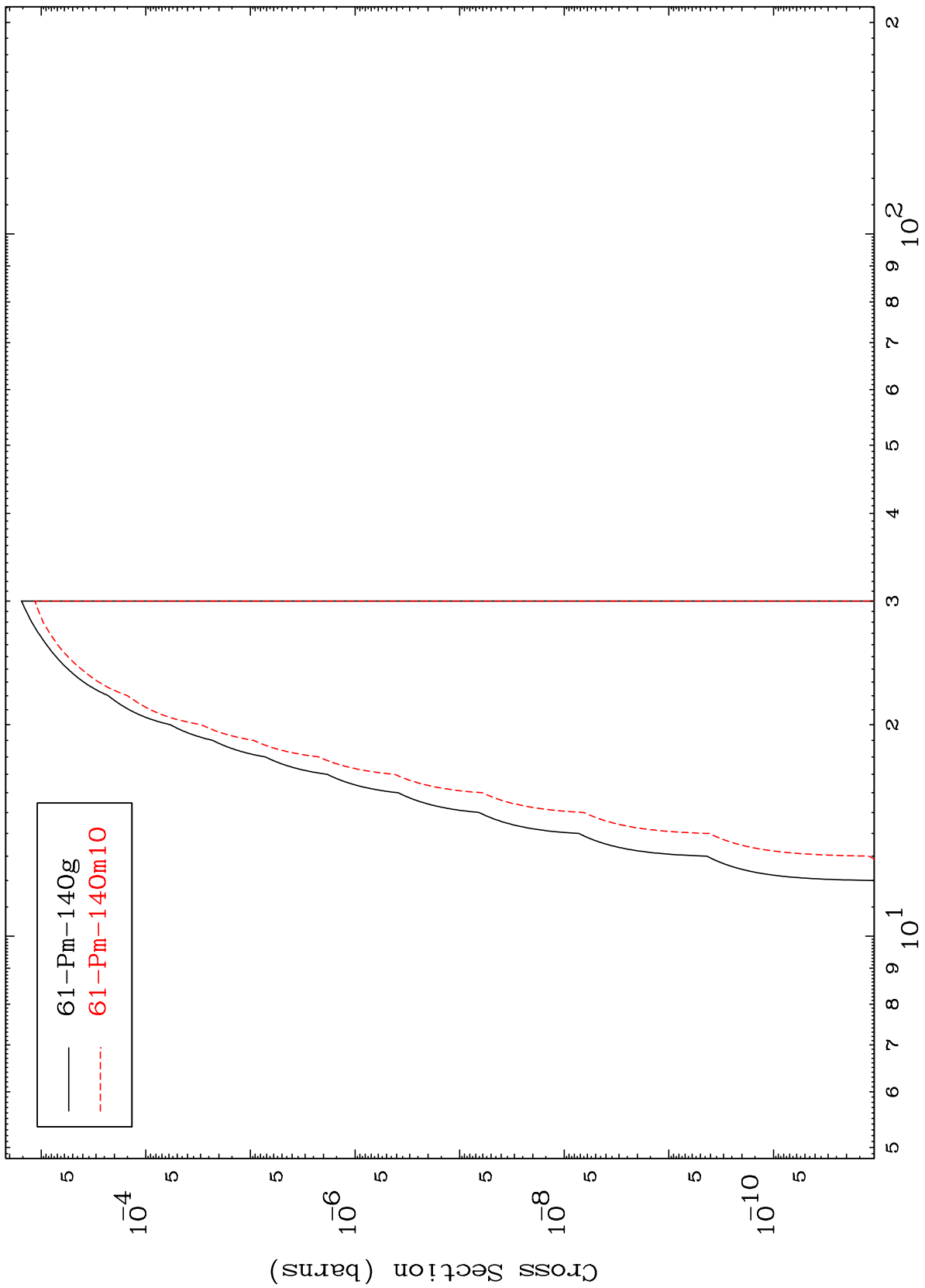
27

MAT 6216

(n,p) d

62-Sm-141

Radionuclide Production Cross Section



28

Incident Energy (MeV)

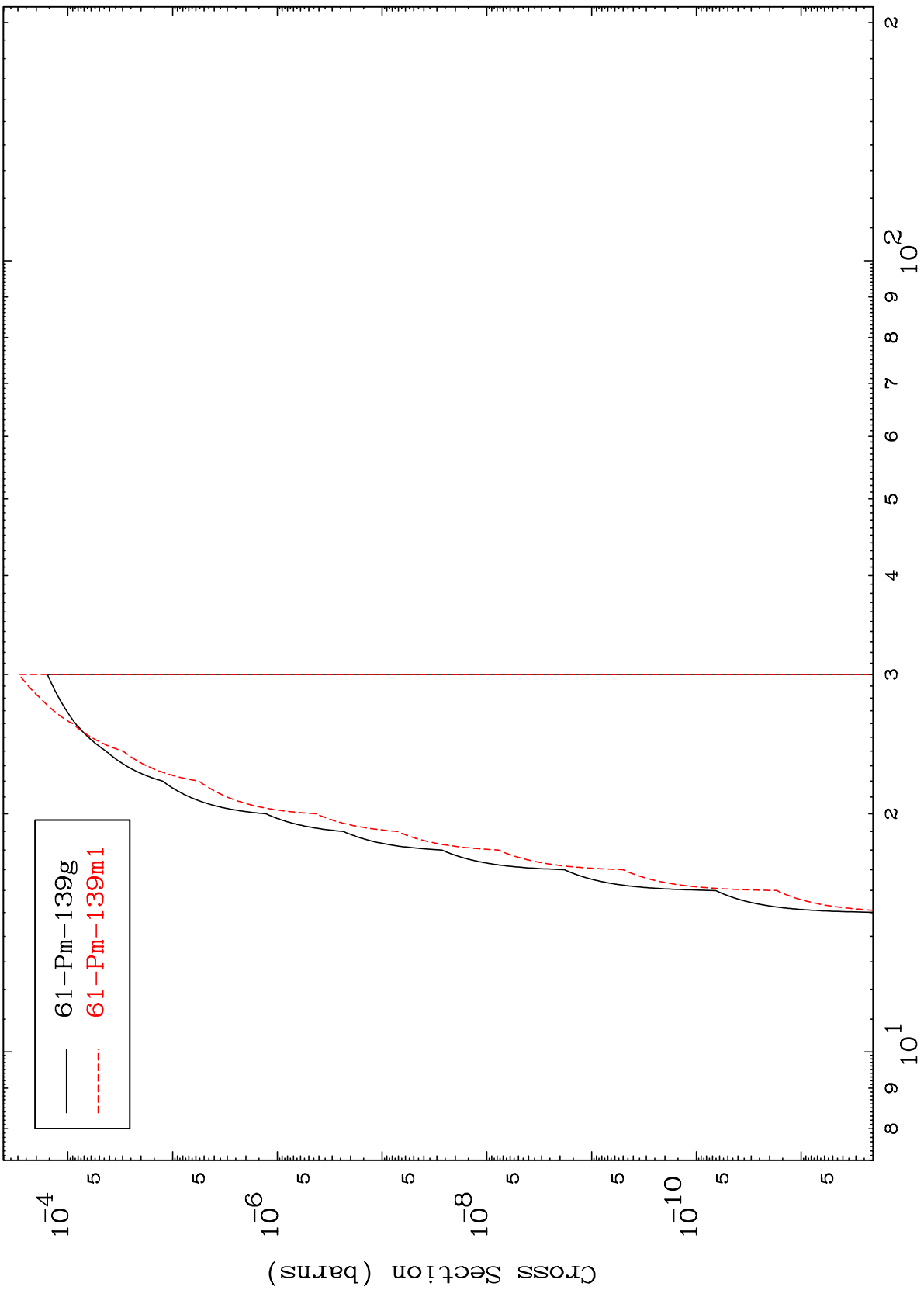
62-Sm-141

MAT 6216

(n,p) t

62-Sm-141

Radionuclide Production Cross Section



29

Incident Energy (MeV)

62-Sm-141

