

Program EVALPLOT
(Version 2017-1)

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

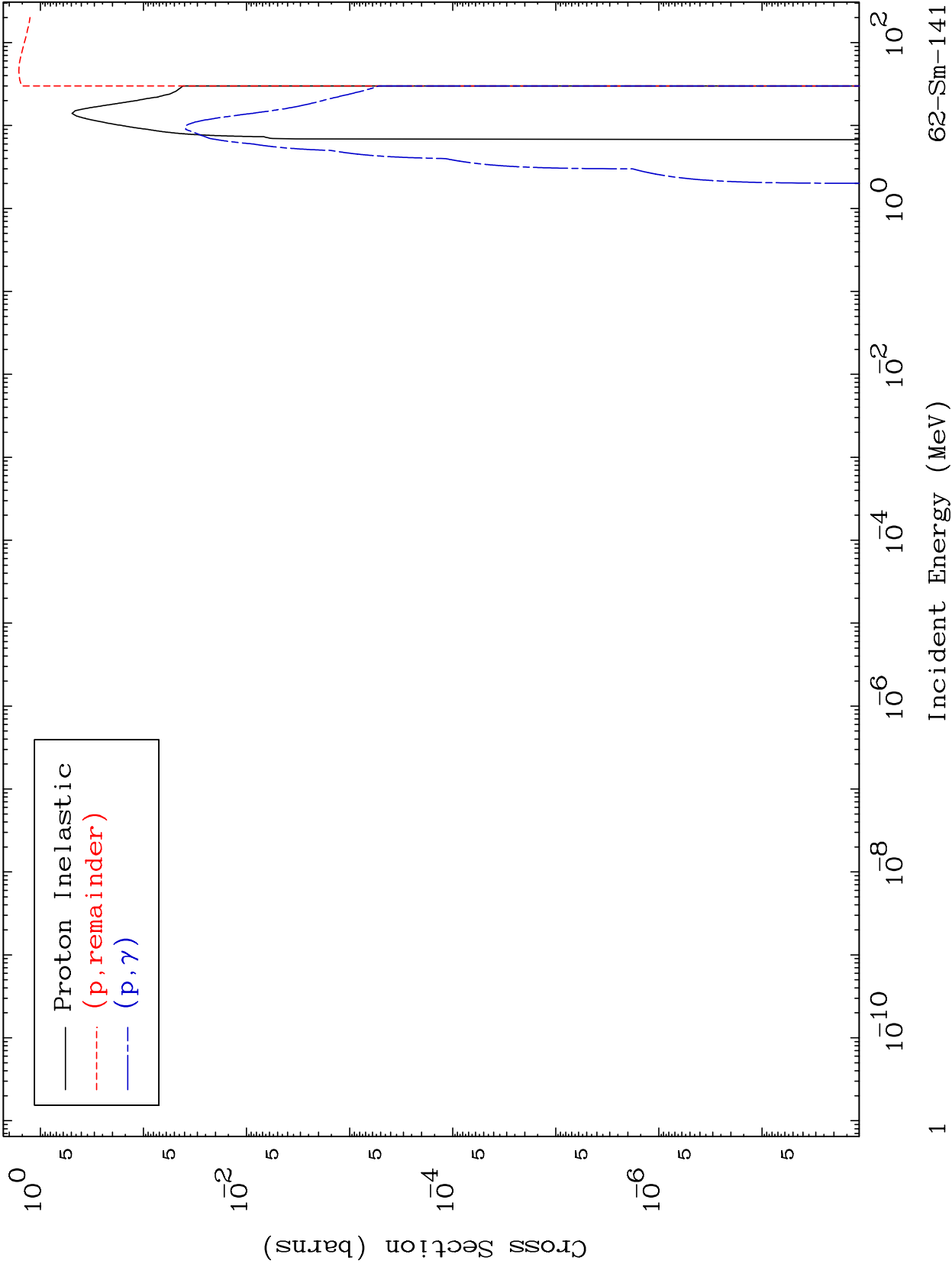
Web:redcullen1.net/HOMEPAGE.NEW

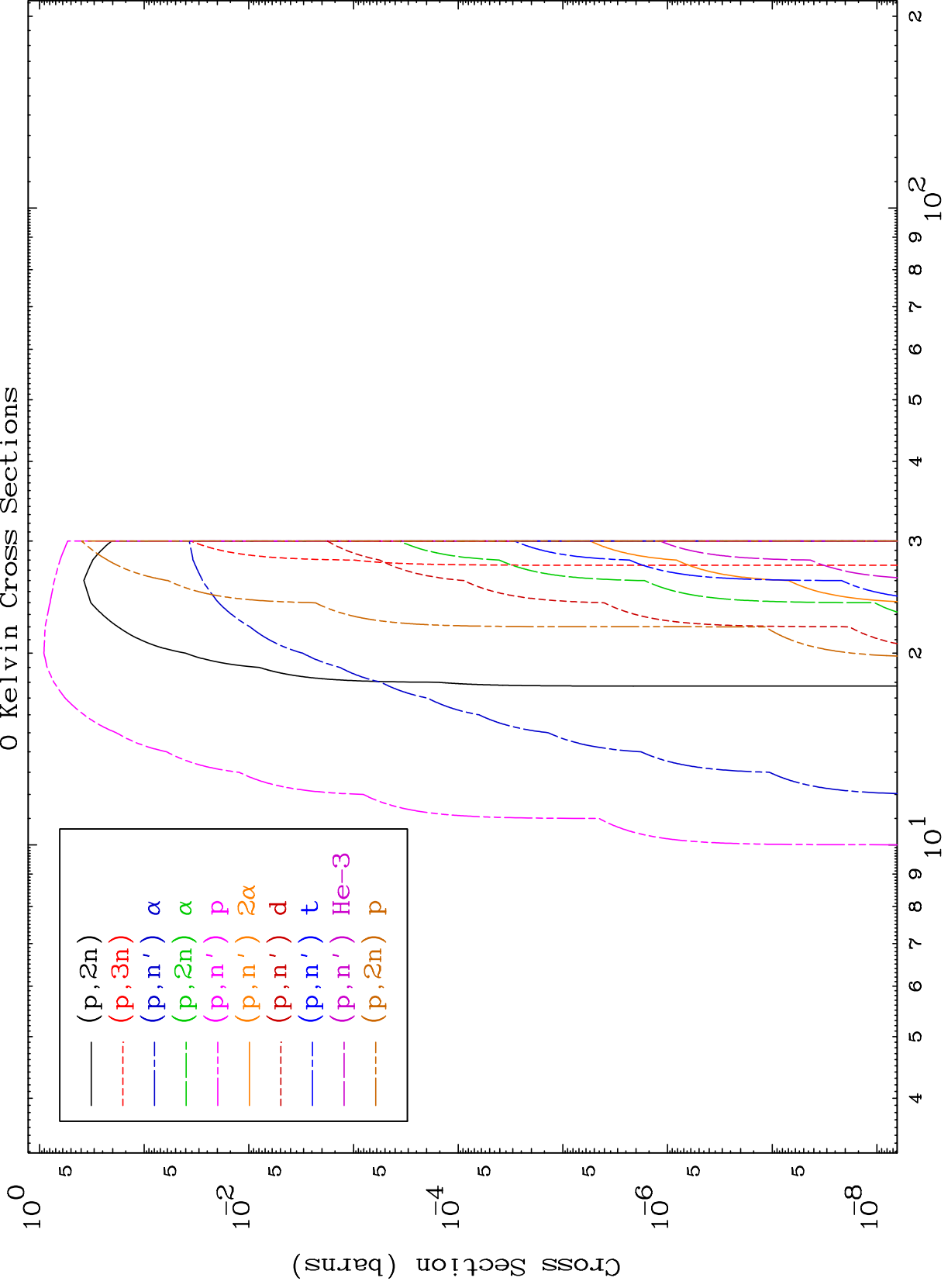
Press Mouse Button to Start

MAT 6217

Proton Major
0 Kelvin Cross Sections

62-Sm-141

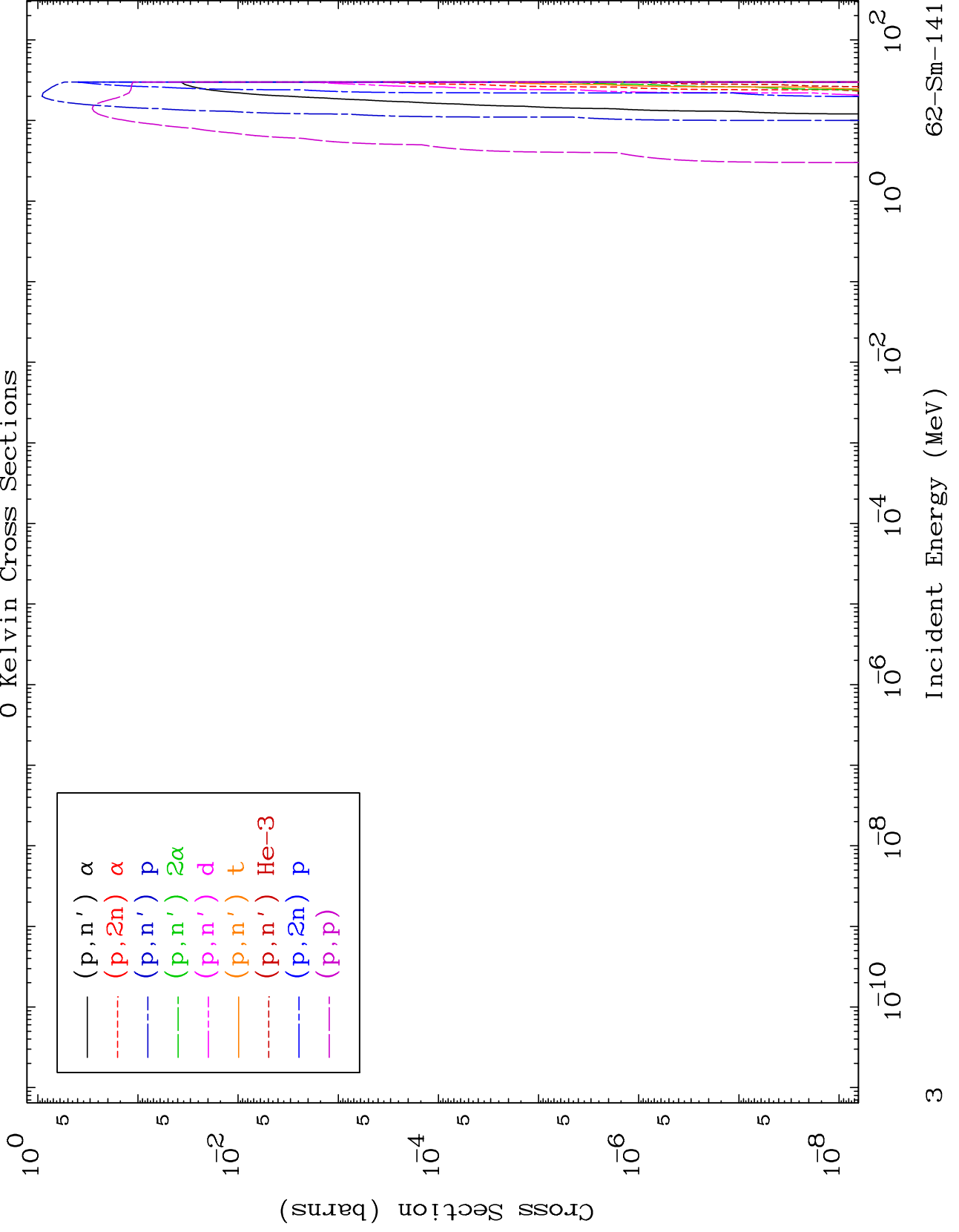




MAT 6217

Proton Charged Particle
0 Kelvin Cross Sections

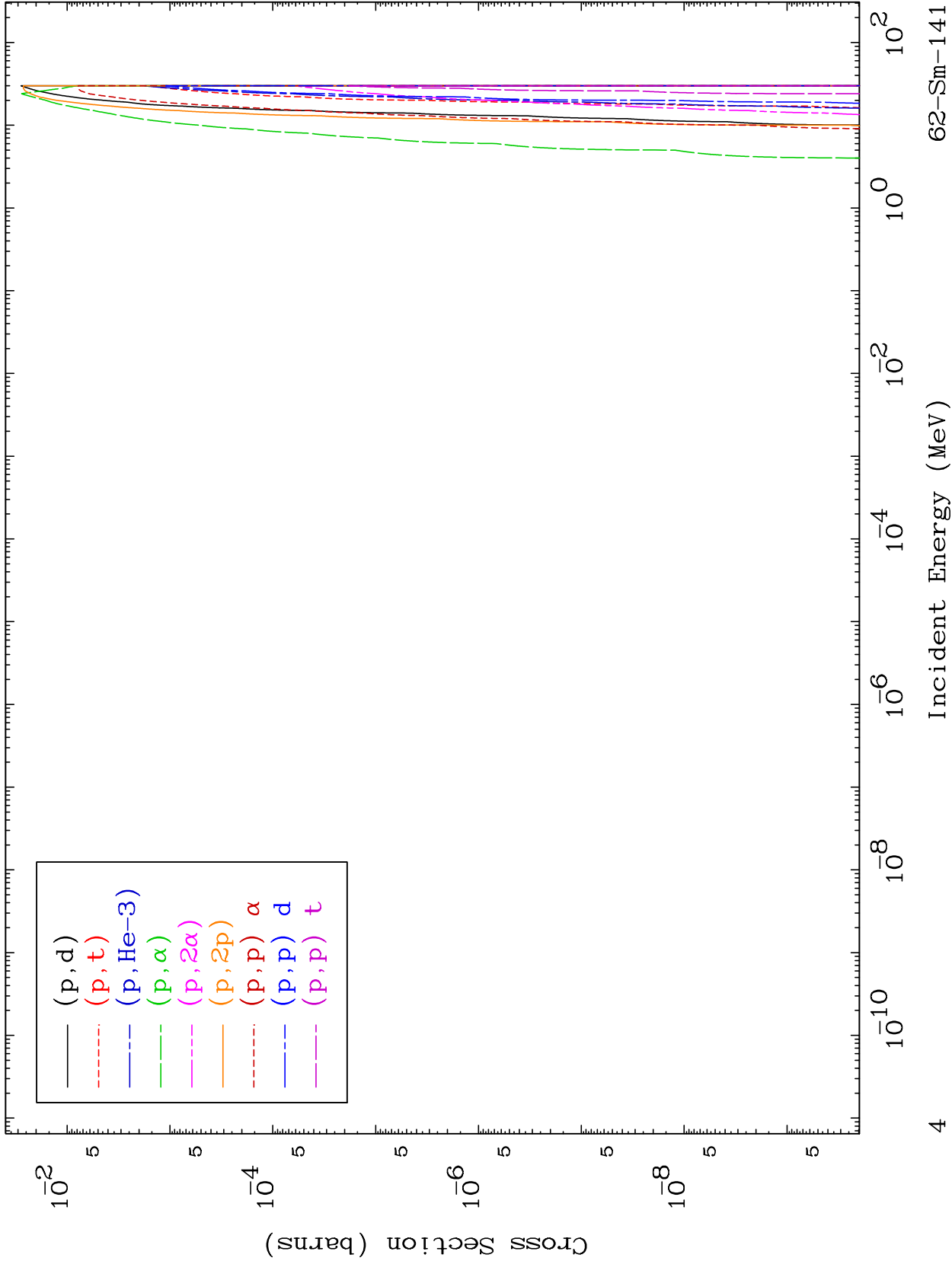
62-Sm-141



MAT 6217

Proton Charged Particle
0 Kelvin Cross Sections

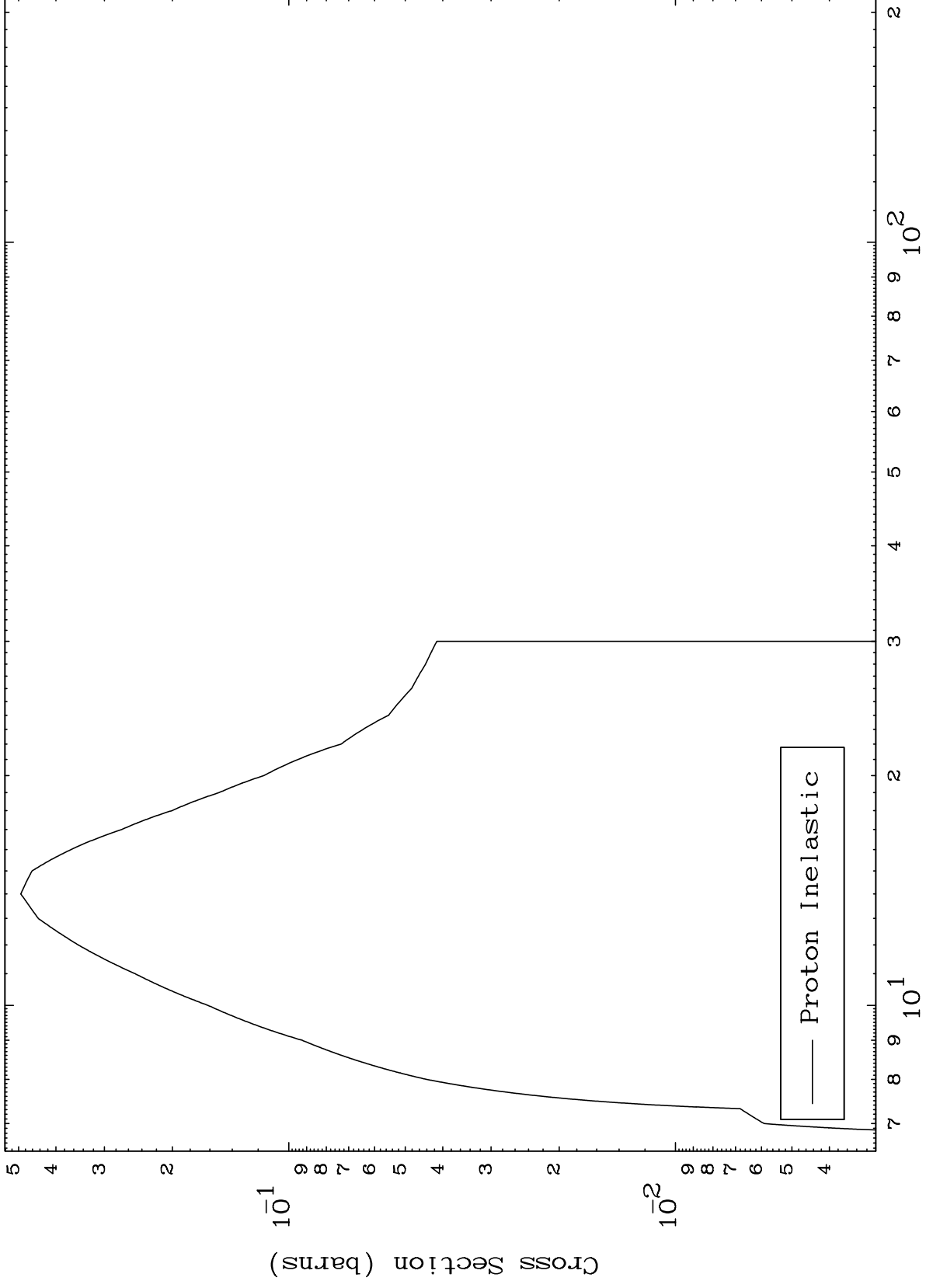
62-Sm-141



MAT 6217

(p,n') Level
0 Kelvin Cross Sections

62-Sm-141



5

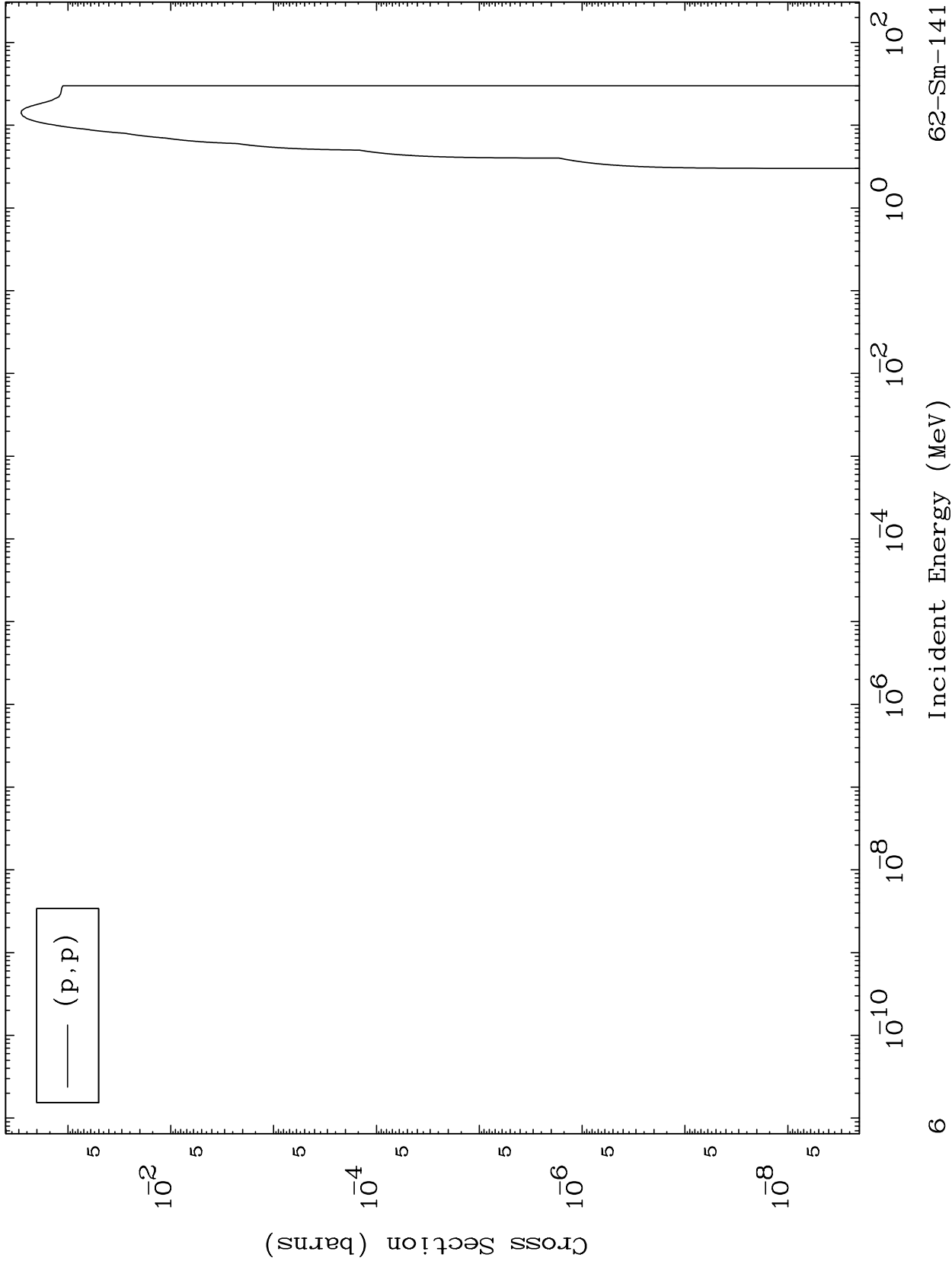
Incident Energy (MeV)

62-Sm-141

MAT 6217

(p,p) Levels
0 Kelvin Cross Sections

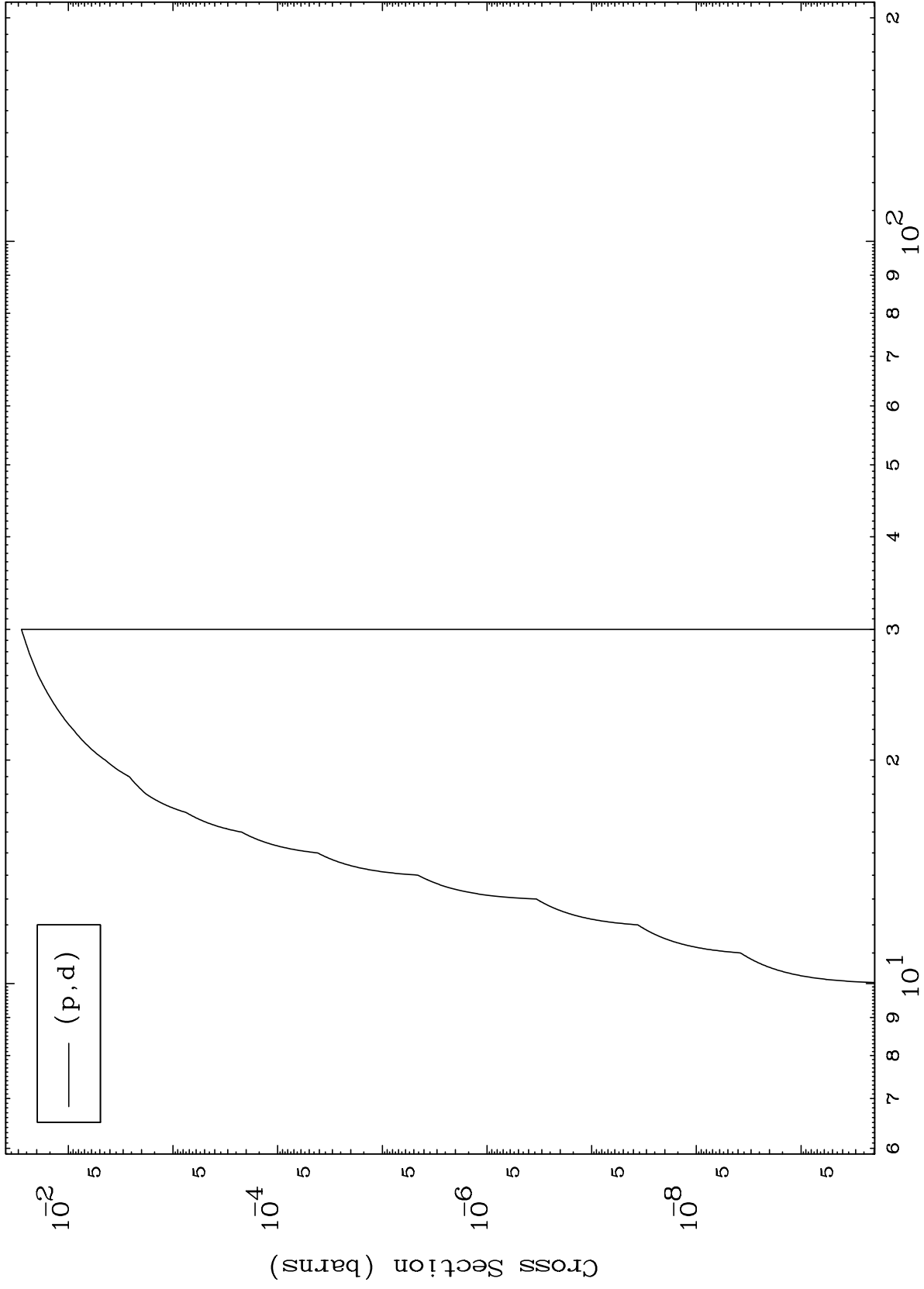
62-Sm-141



MAT 6217

(p,d) Levels
0 Kelvin Cross Sections

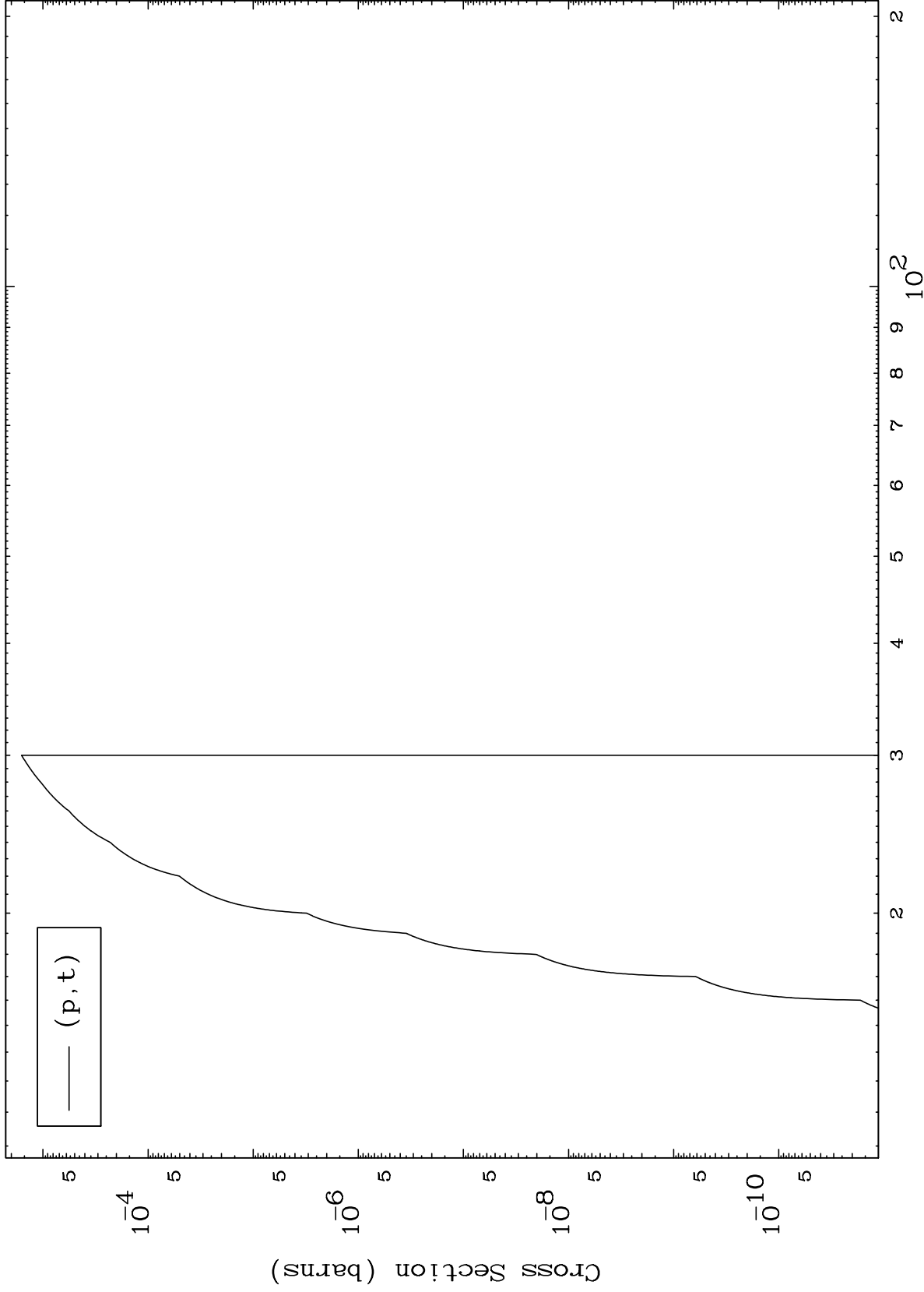
62-Sm-141



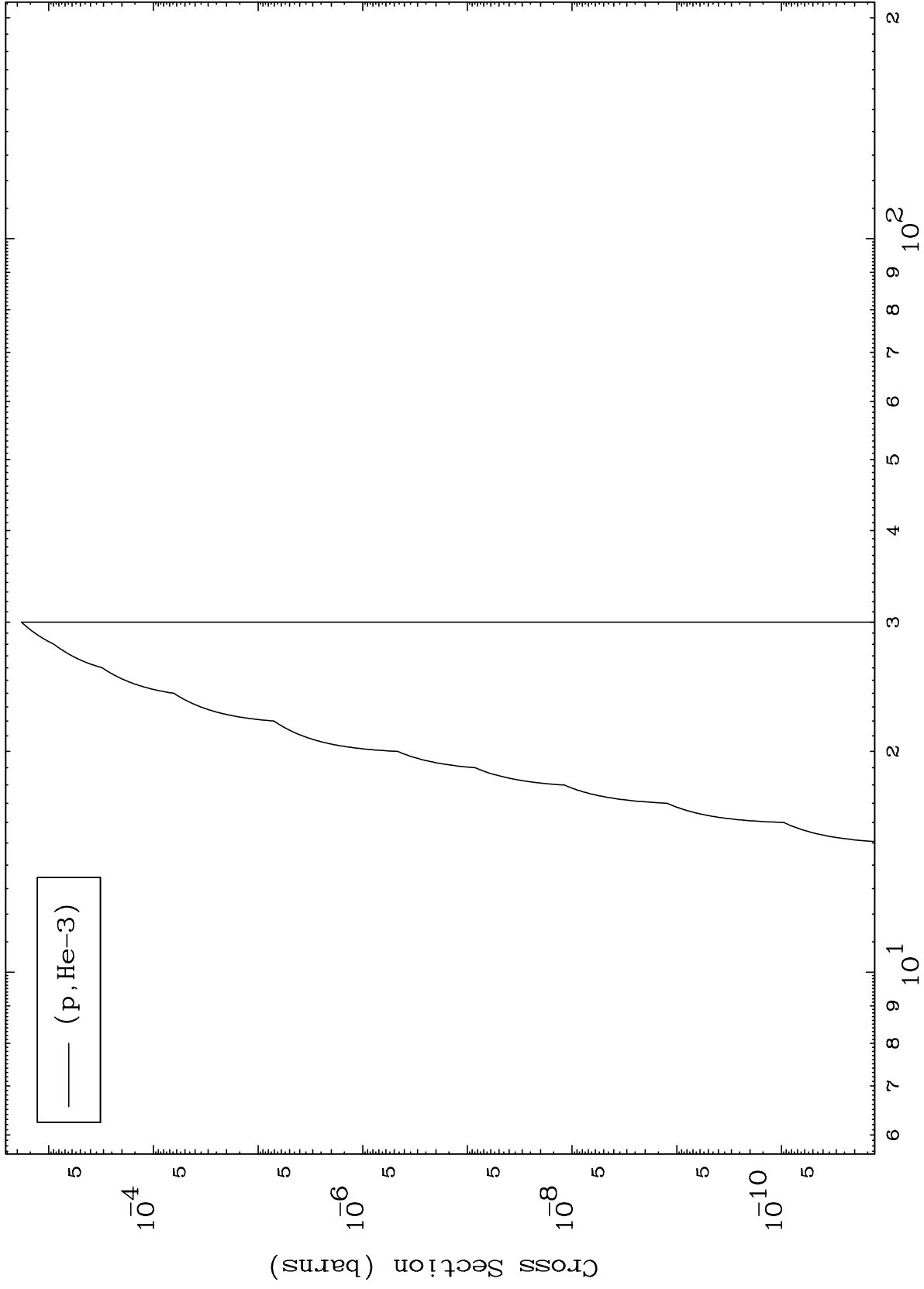
7

Incident Energy (MeV)

62-Sm-141



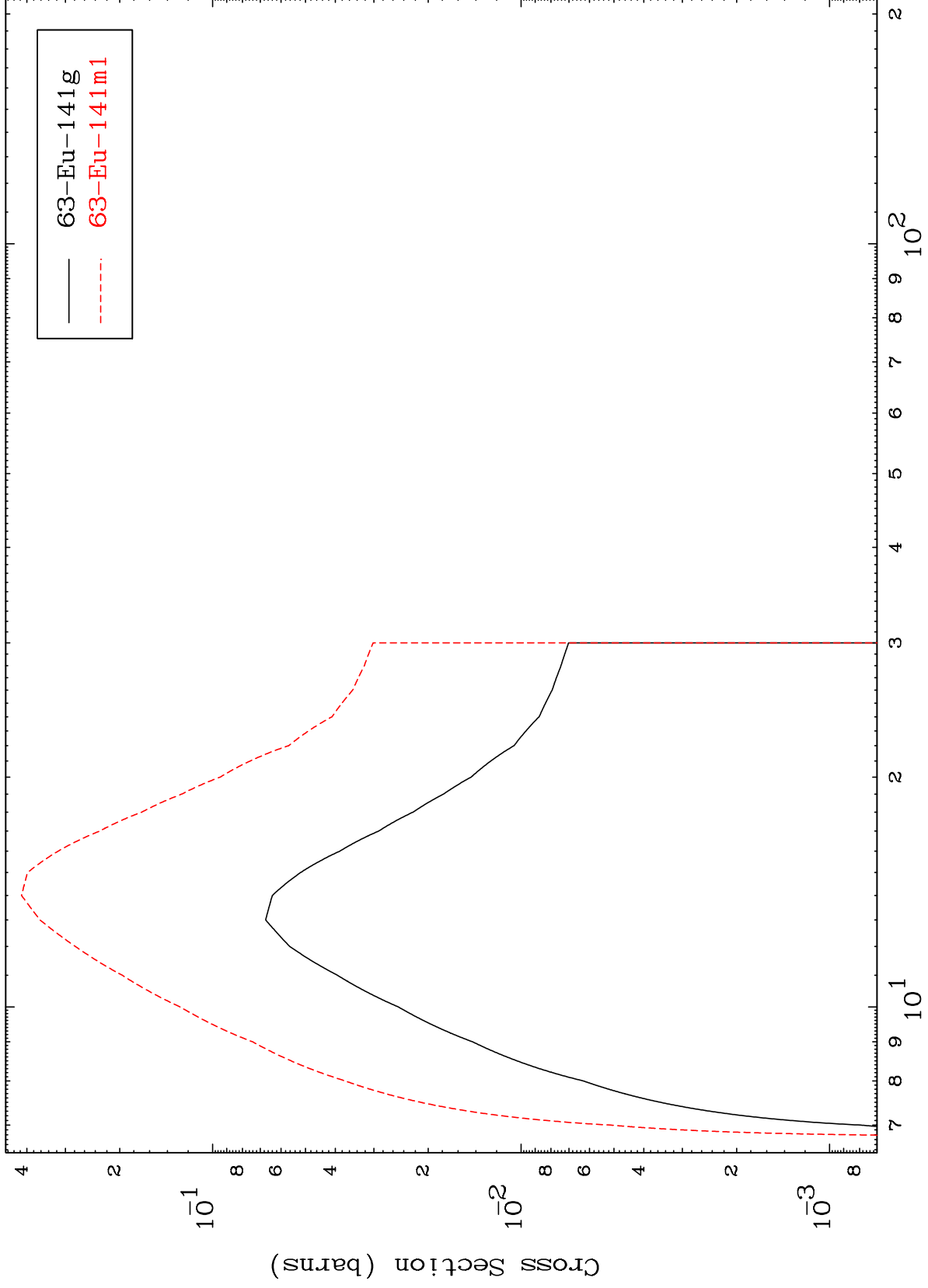
(p,He3) Levels
0 Kelvin Cross Sections



MAT 6217

Proton Inelastic
Radionuclide Production Cross Section

62-Sm-141



63-Eu-141g
63-Eu-141m1

11

Incident Energy (MeV)

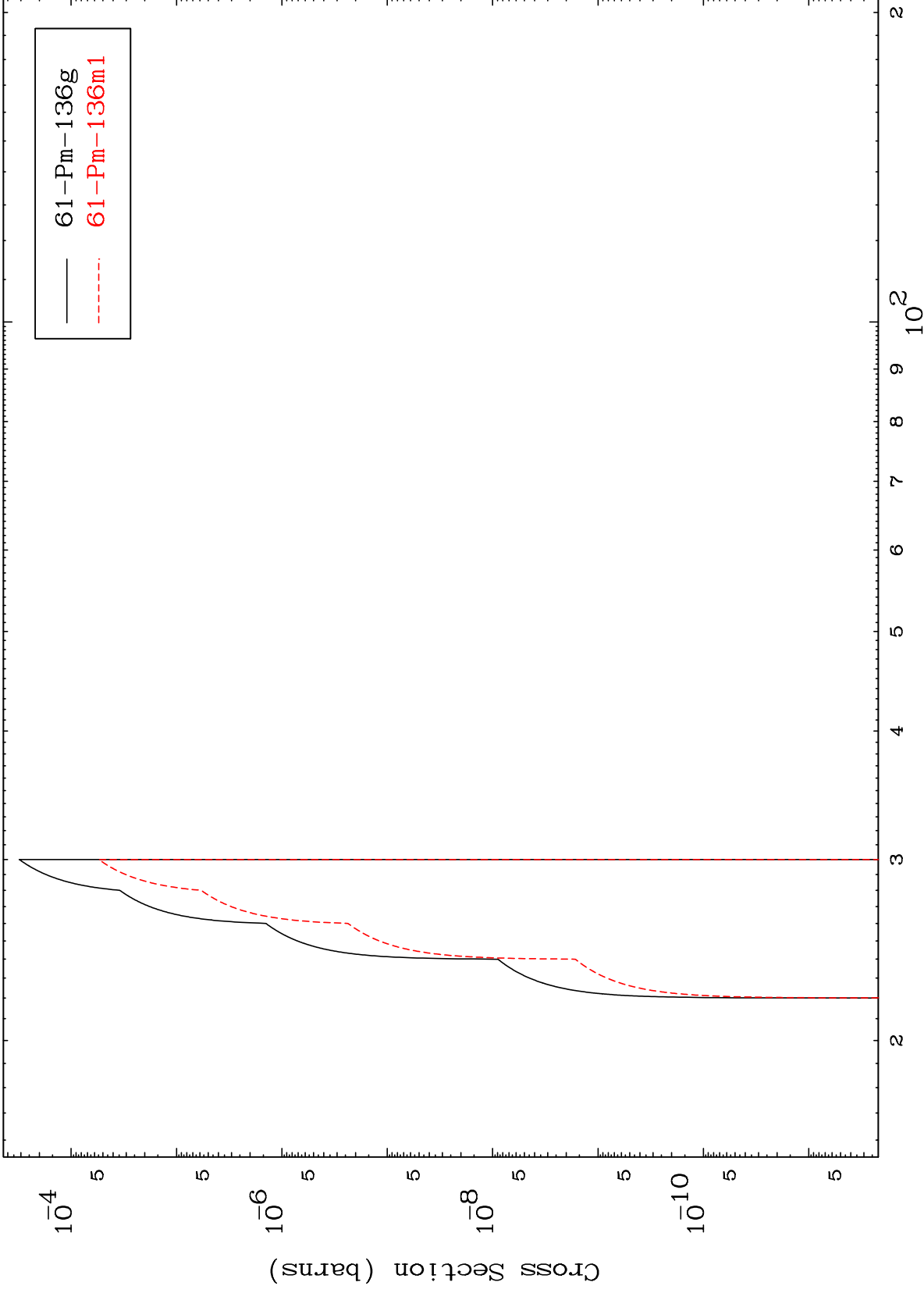
62-Sm-141

MAT 6217

(p,2n) α

62-Sm-141

Radionuclide Production Cross Section



12

Incident Energy (MeV)

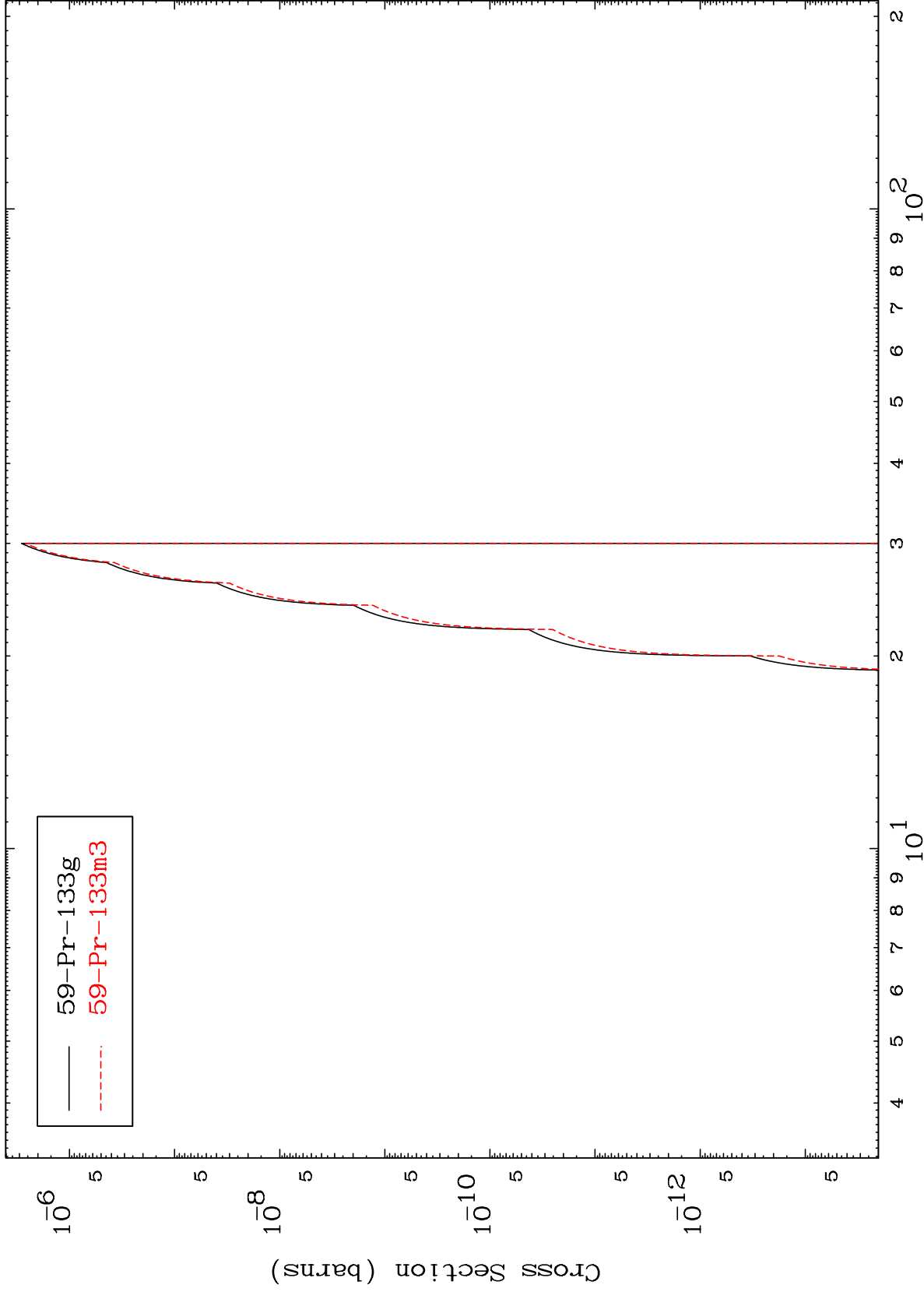
62-Sm-141

MAT 6217

(p,n') 2 α

62-Sm-141

Radionuclide Production Cross Section



13

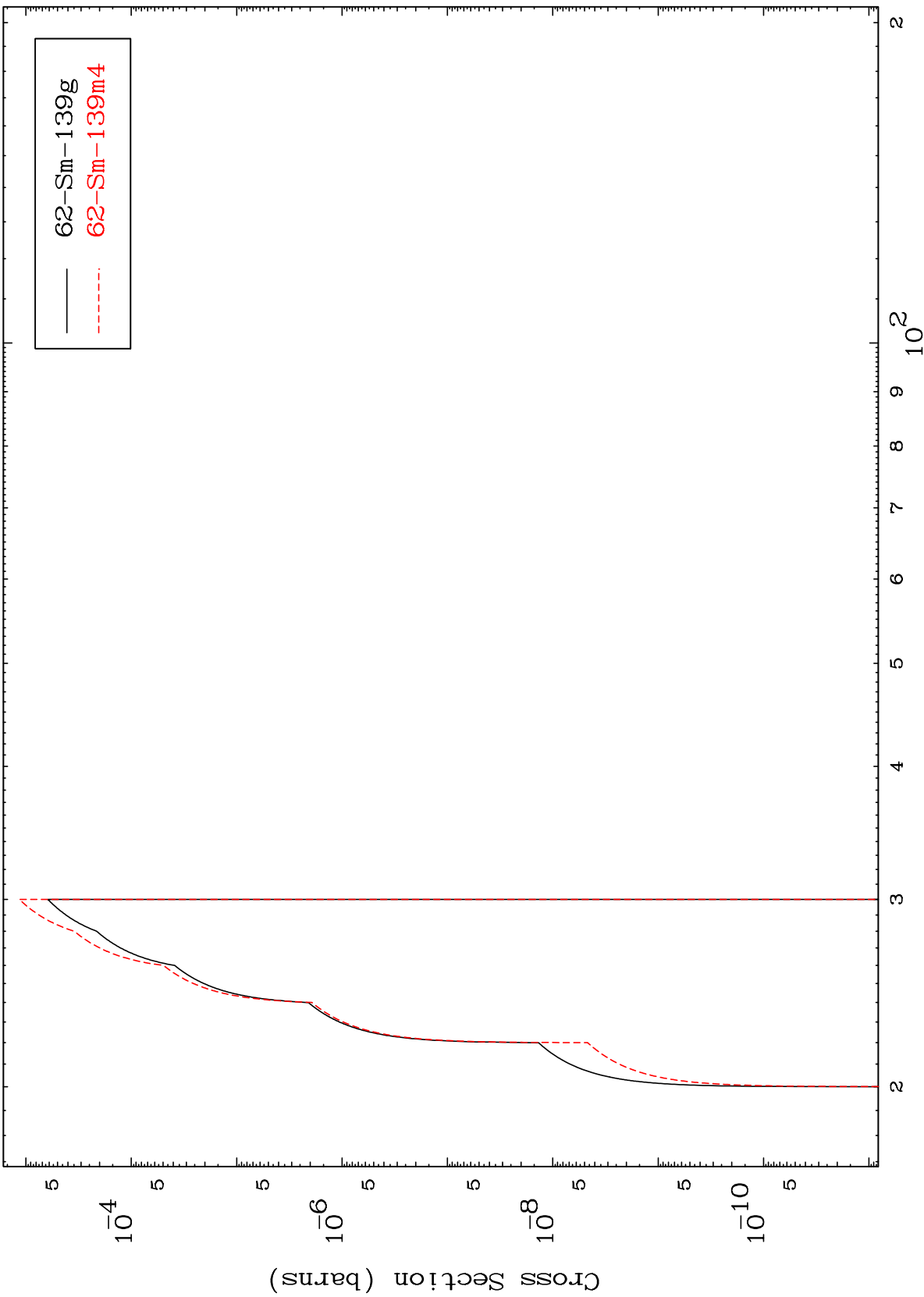
Incident Energy (MeV)

62-Sm-141

MAT 6217

62-Sm-141

(p,n') d
Radionuclide Production Cross Section



14

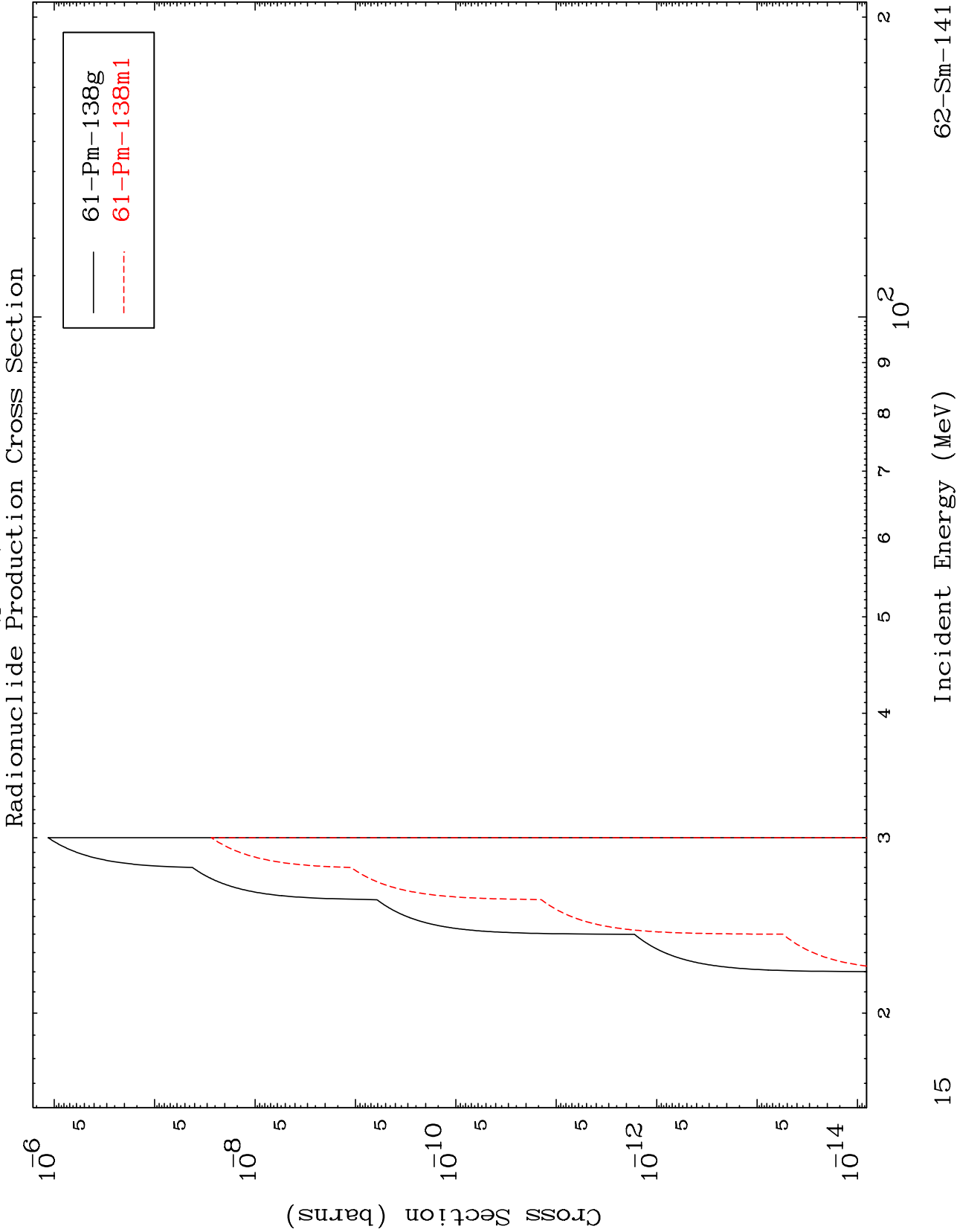
Incident Energy (MeV)

62-Sm-141

MAT 6217

(p,n') He-3

62-Sm-141



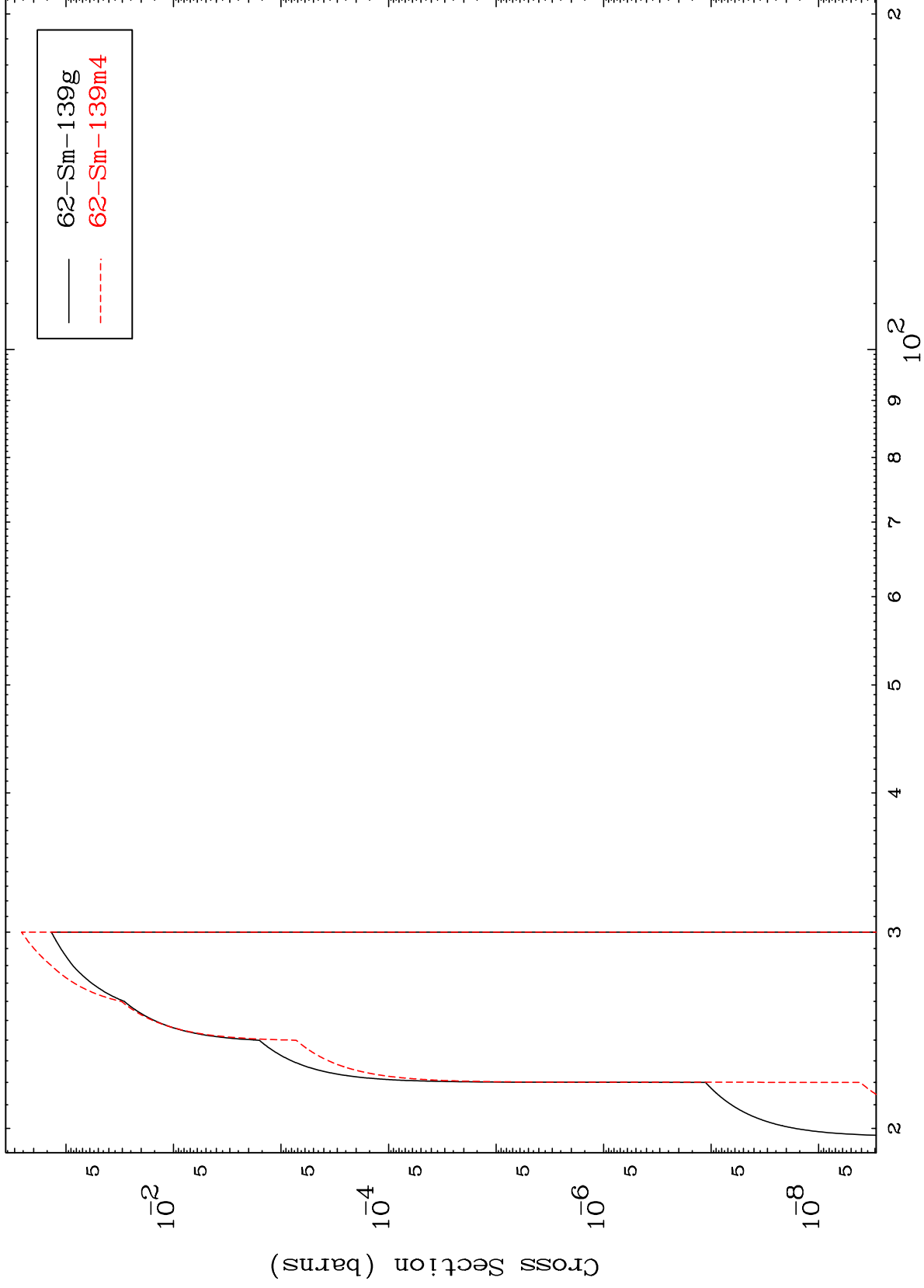
15

62-Sm-141

MAT 6217

62-Sm-141

(p,2n) p
Radionuclide Production Cross Section



62-Sm-141

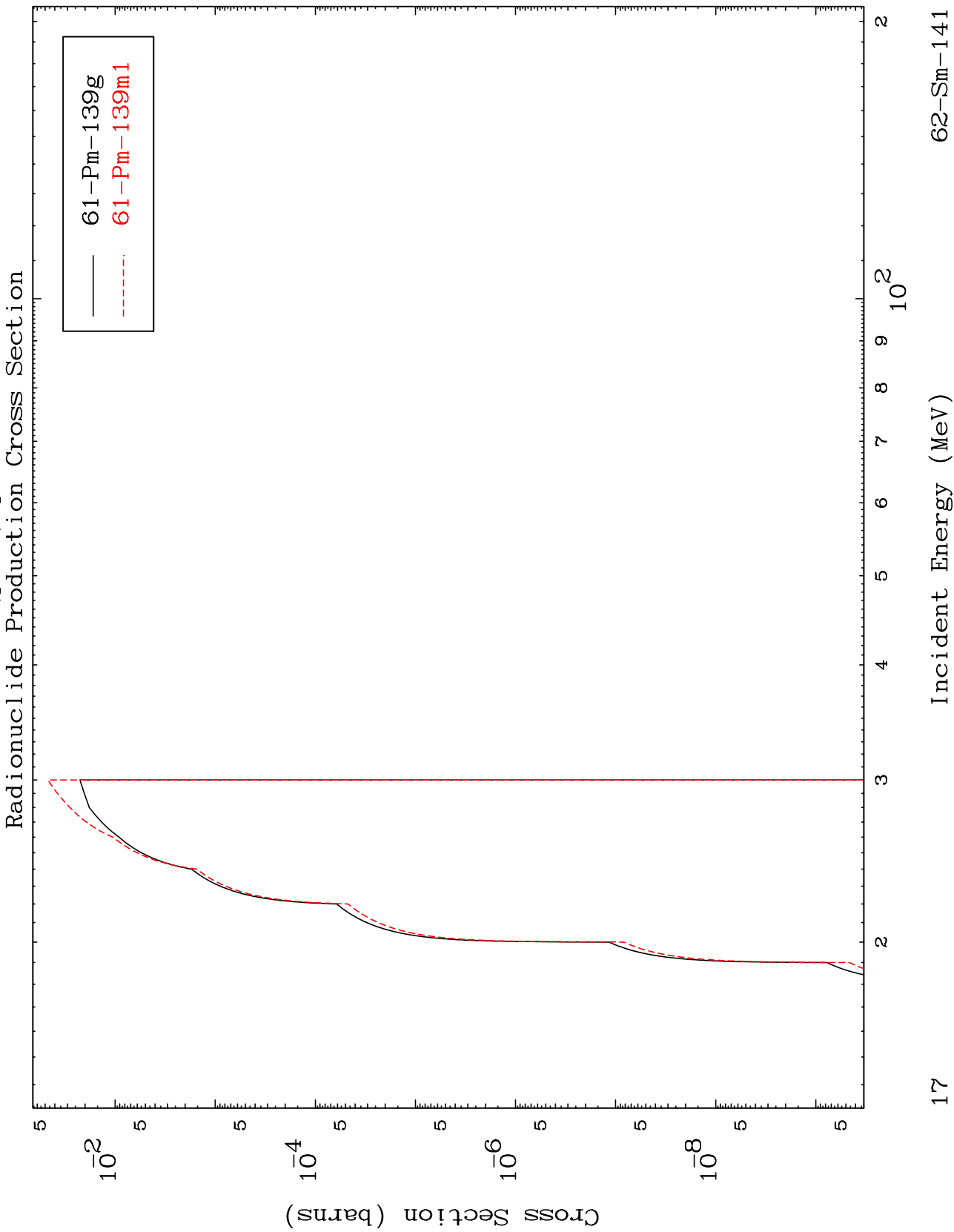
Incident Energy (MeV)

16

MAT 6217

(p,2n) p

62-Sm-141



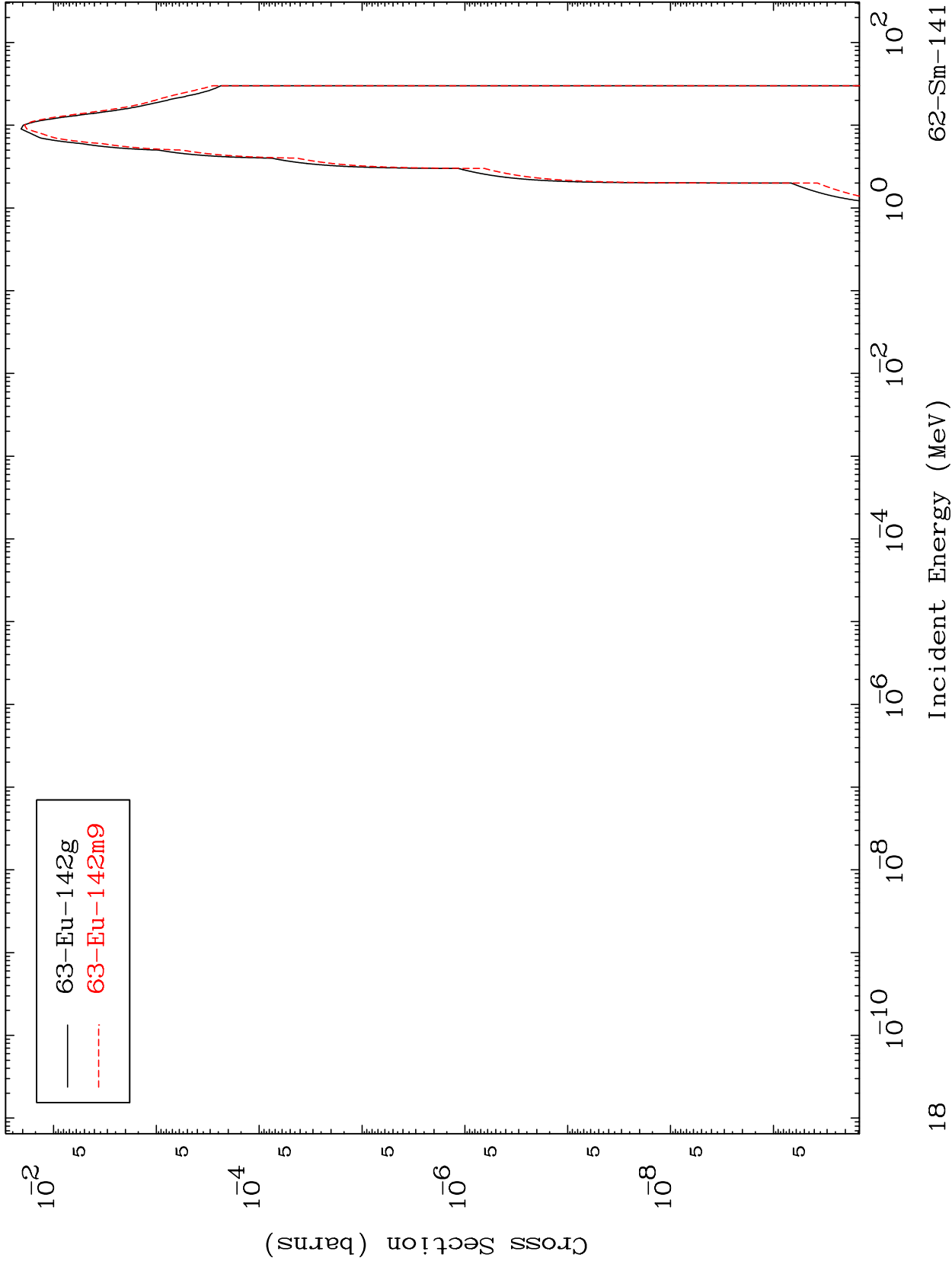
17

62-Sm-141

MAT 6217

62-Sm-141

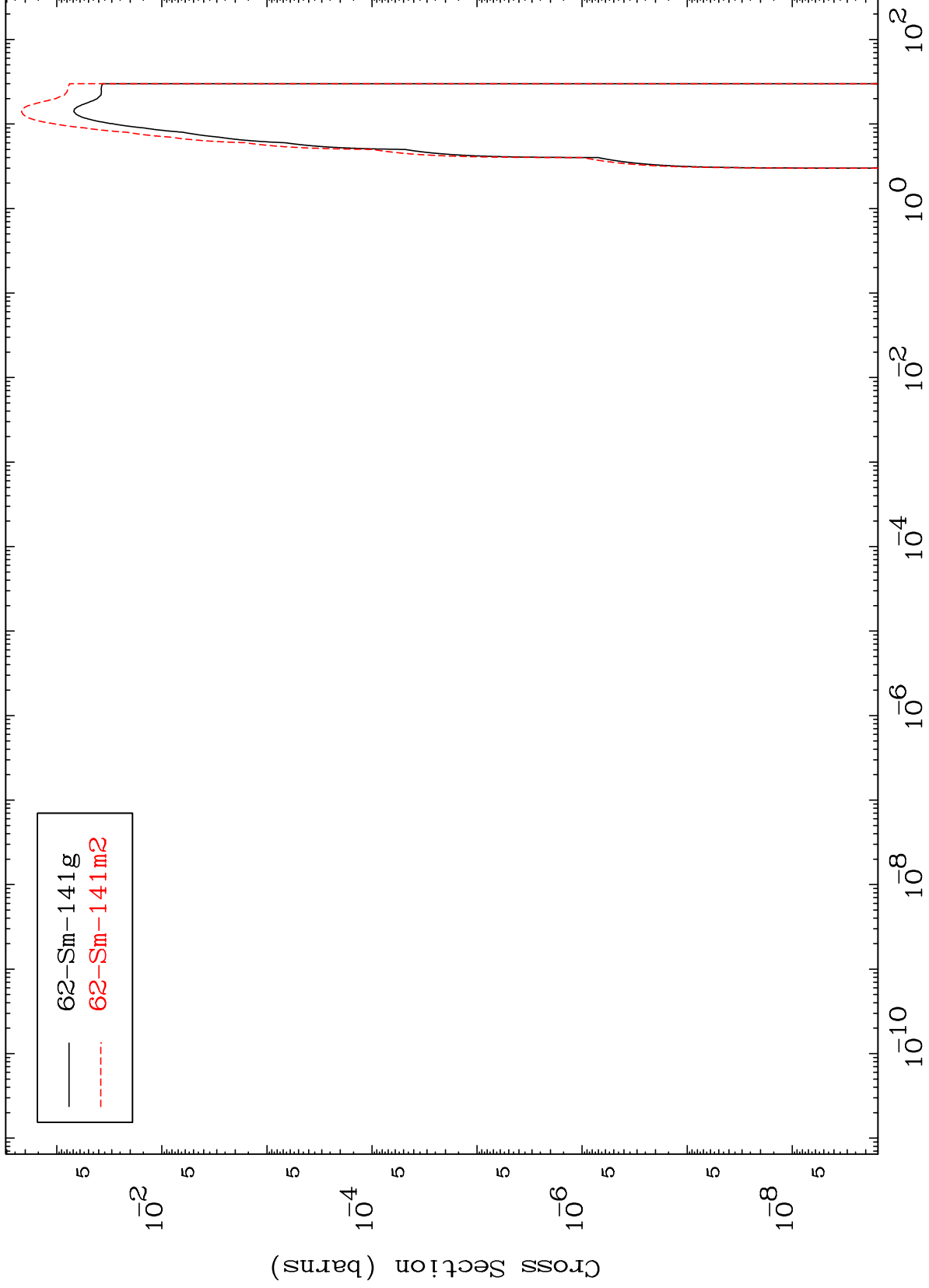
(p, γ)
Radionuclide Production Cross Section



MAT 6217

(p,p)
Radionuclide Production Cross Section

62-Sm-141

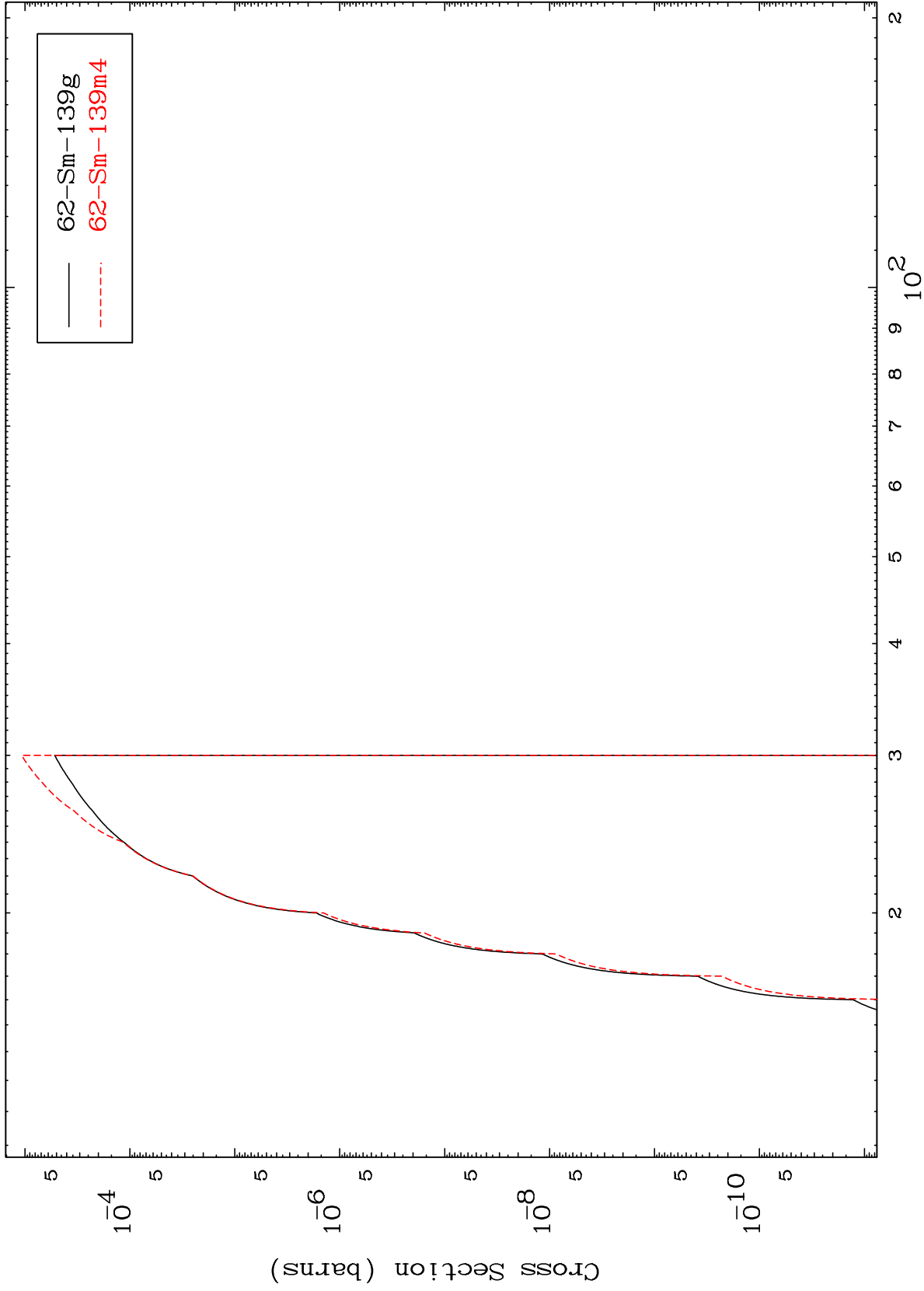


62-Sm-141 g
62-Sm-141 m2

MAT 6217

62-Sm-141

(p, t)
Radionuclide Production Cross Section



20

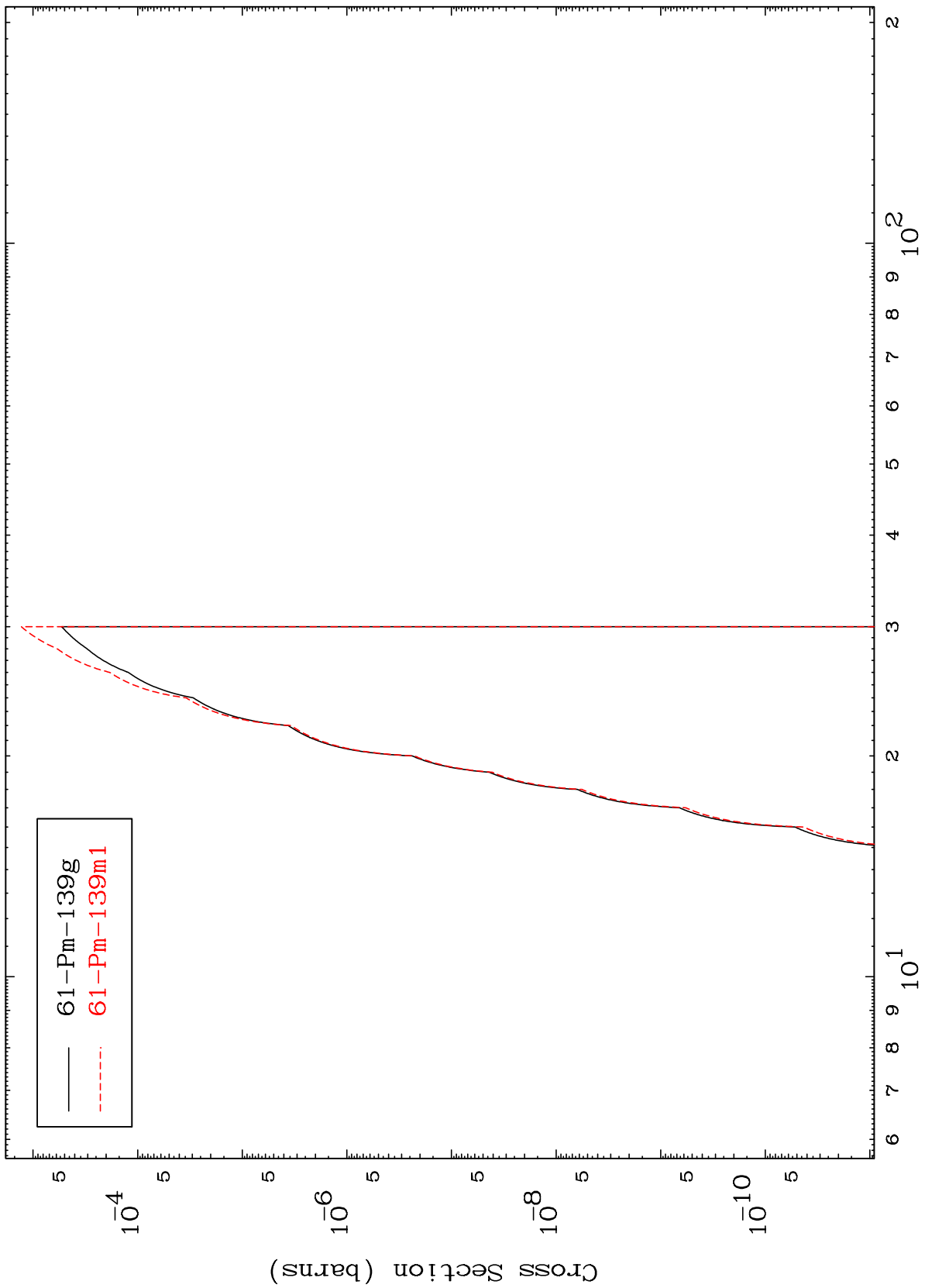
Incident Energy (MeV)

62-Sm-141

MAT 6217

62-Sm-141

Radionuclide Production Cross Section
(p,He-3)



21

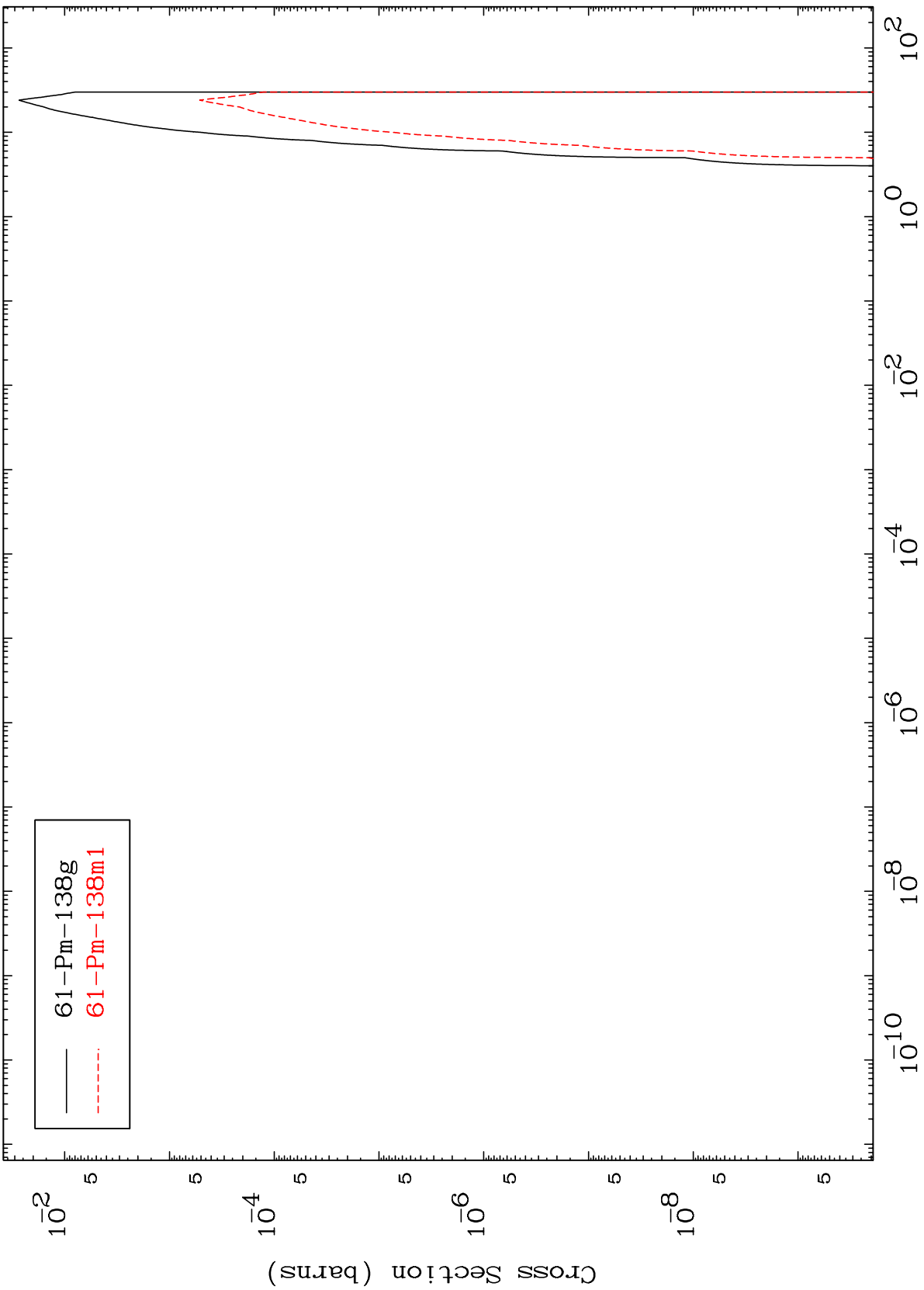
62-Sm-141

MAT 6217

(p, α)

62-Sm-141

Radionuclide Production Cross Section

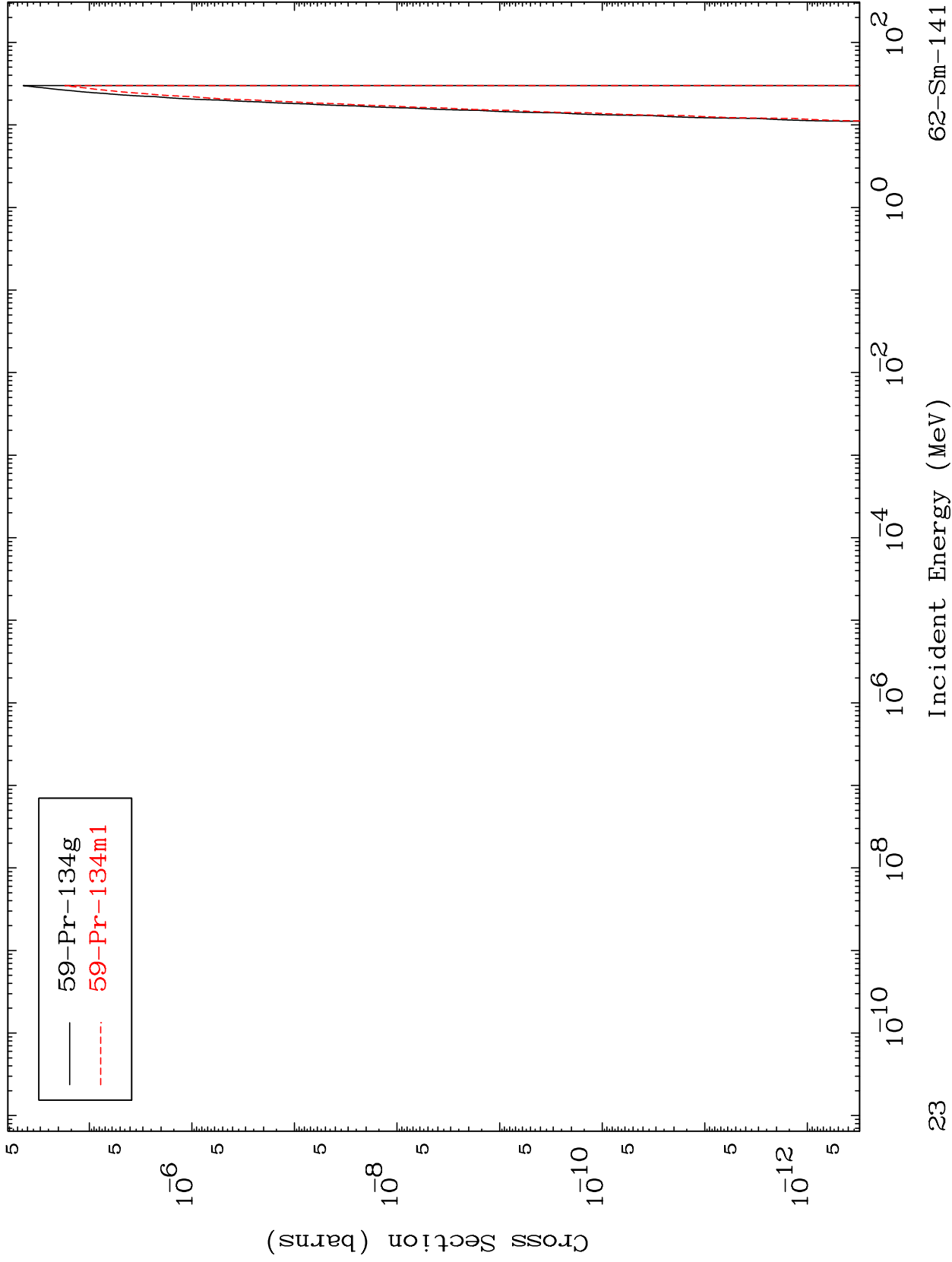


MAT 6217

(p,2 α)

62-Sm-141

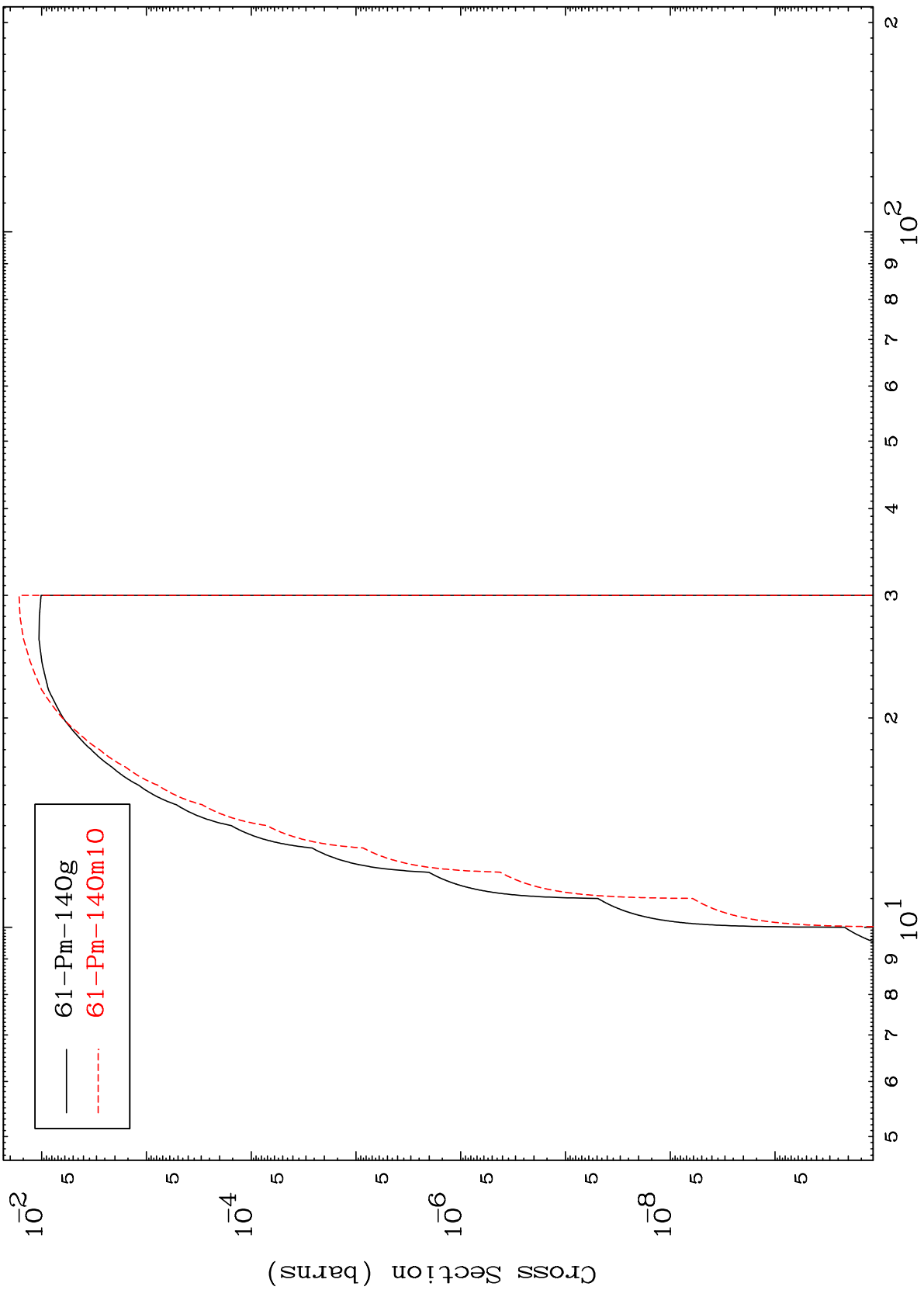
Radionuclide Production Cross Section



MAT 6217

62-Sm-141

(p,2p)
Radionuclide Production Cross Section



61-Pm-140g
61-Pm-140m10

24

Incident Energy (MeV)

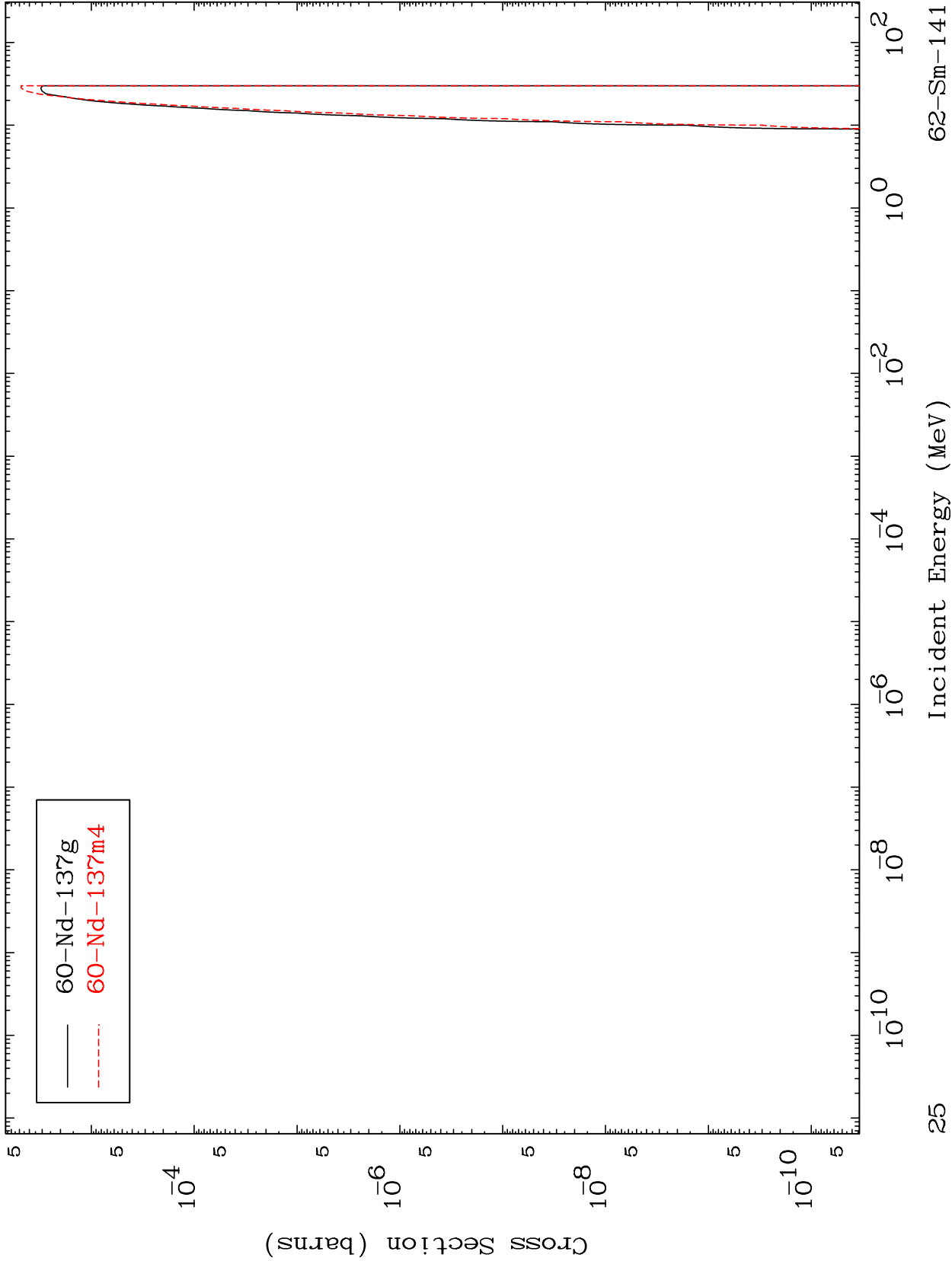
62-Sm-141

MAT 6217

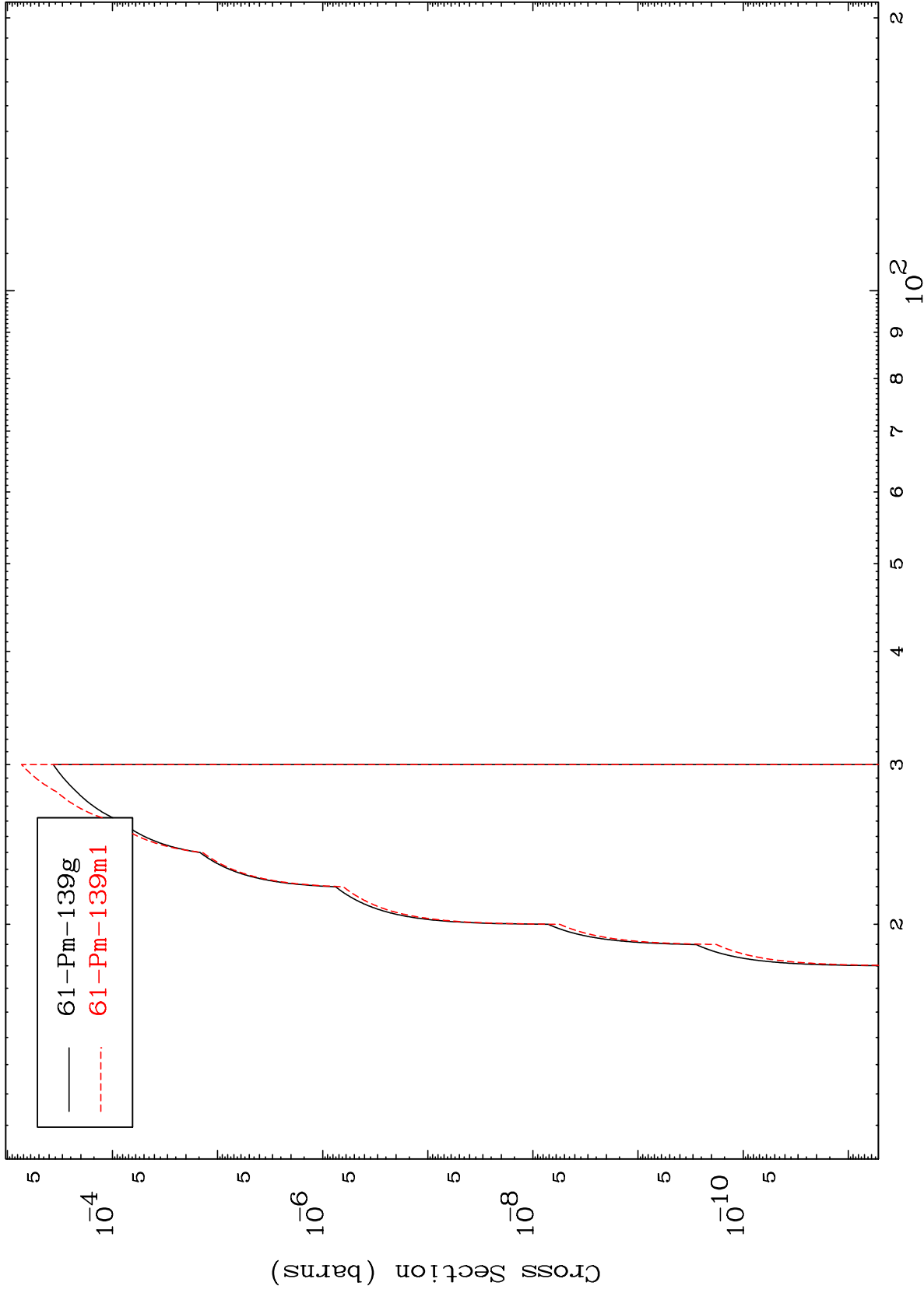
(p,p) α

62-Sm-141

Radionuclide Production Cross Section



Radionuclide Production Cross Section

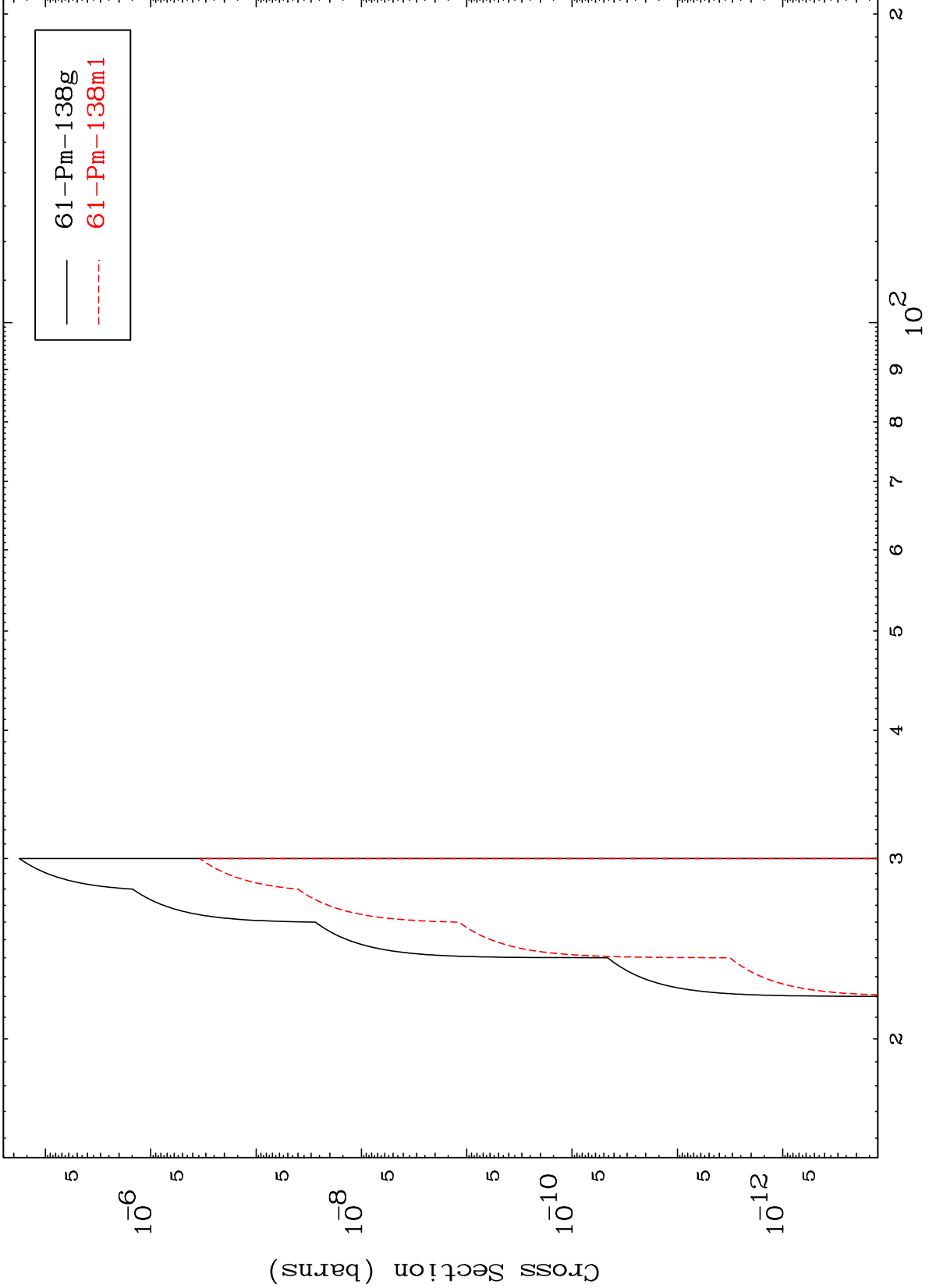


MAT 6217

(p,p) t

62-Sm-141

Radionuclide Production Cross Section



61-Pm-138g
61-Pm-138m1

27

Incident Energy (MeV)

62-Sm-141