

Program EVALPLOT  
(Version 2018-1)

by

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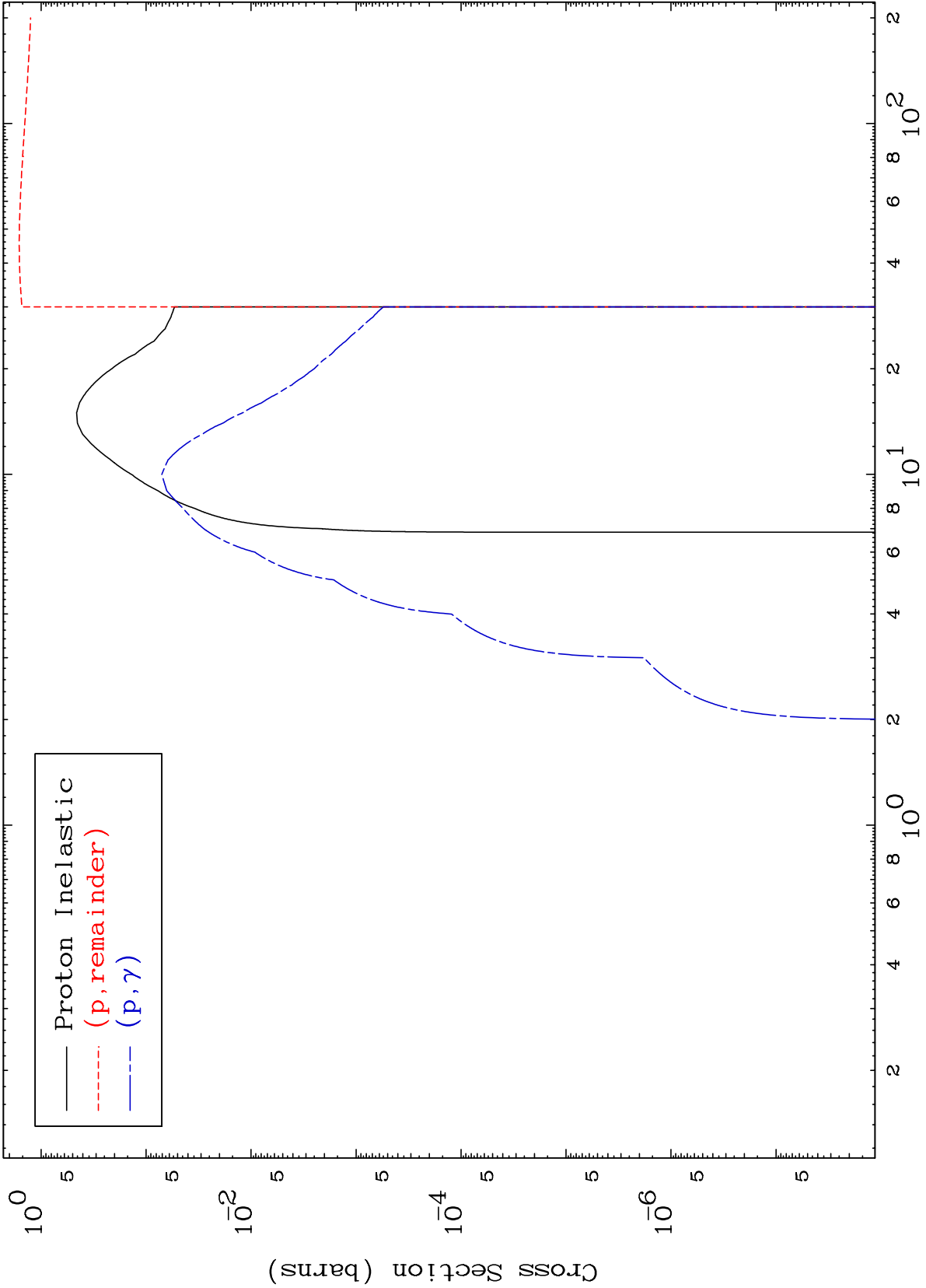
Press Mouse Button to Start

MAT 6216

Proton Major

62-Sm-141

0 Kelvin Cross Sections

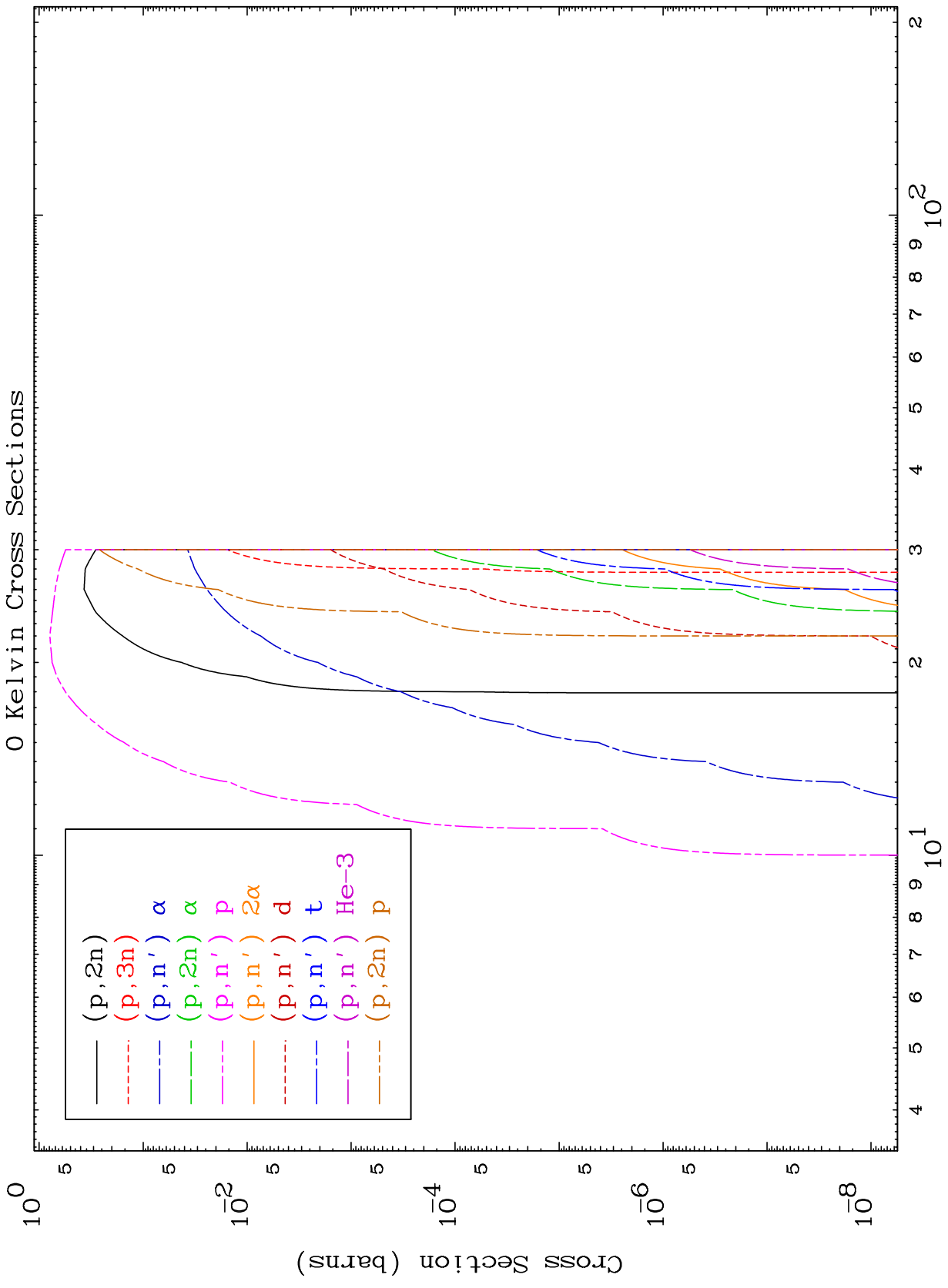


Proton Inelastic  
(p, remainder)  
(p, γ)

62-Sm-141

Incident Energy (MeV)

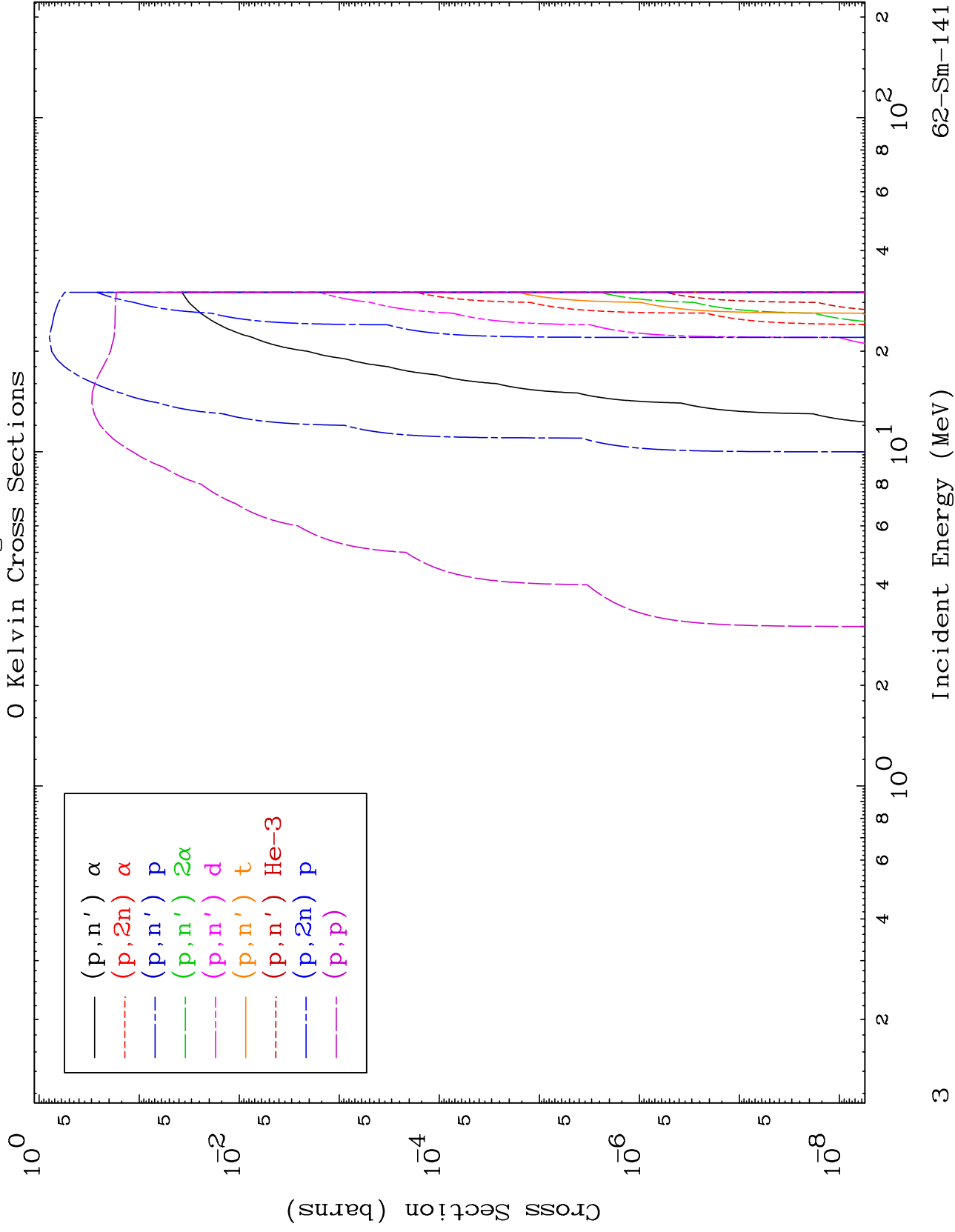
1

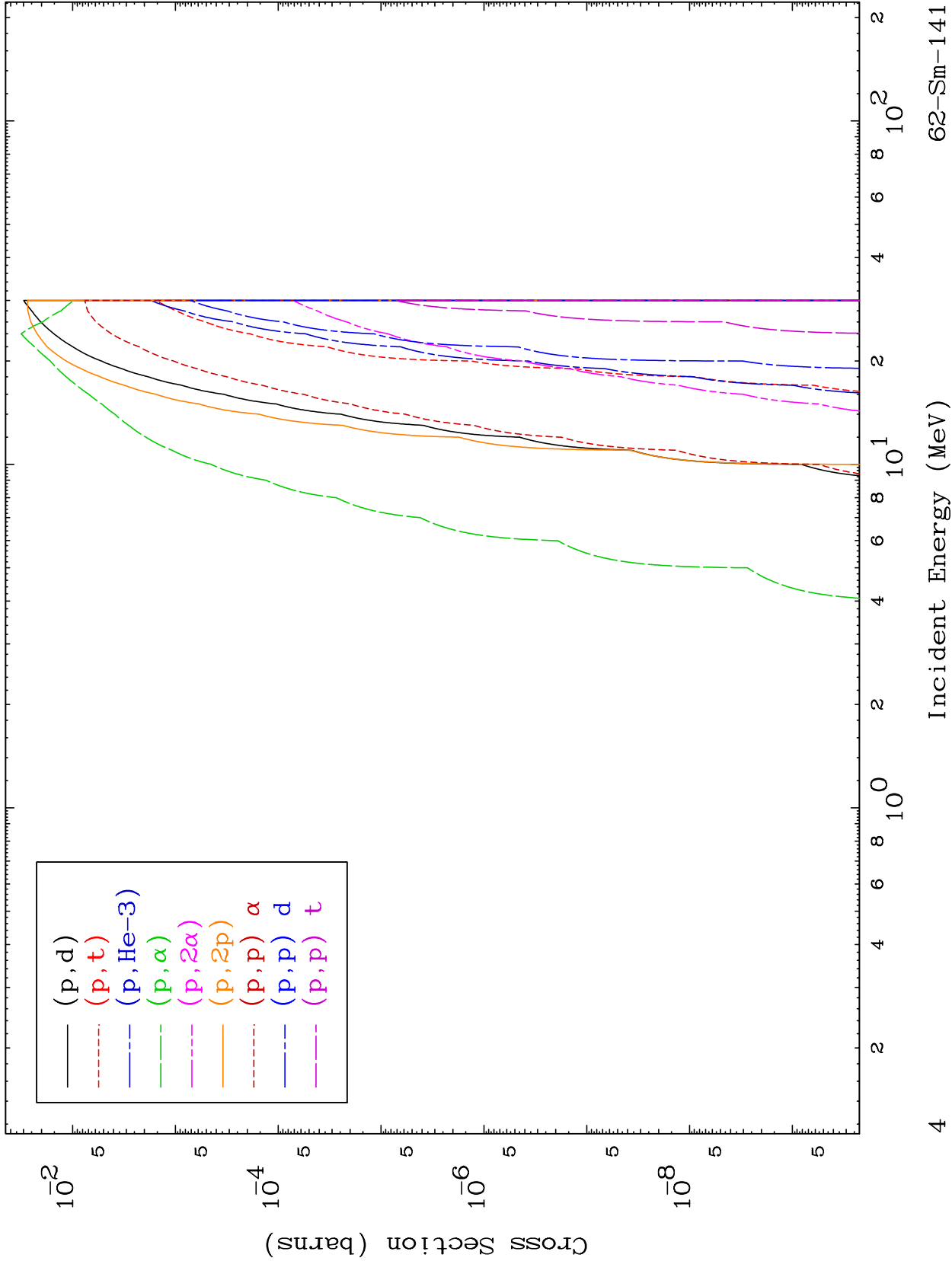


MAT 6216

Proton Charged Particle  
0 Kelvin Cross Sections

62-Sm-141

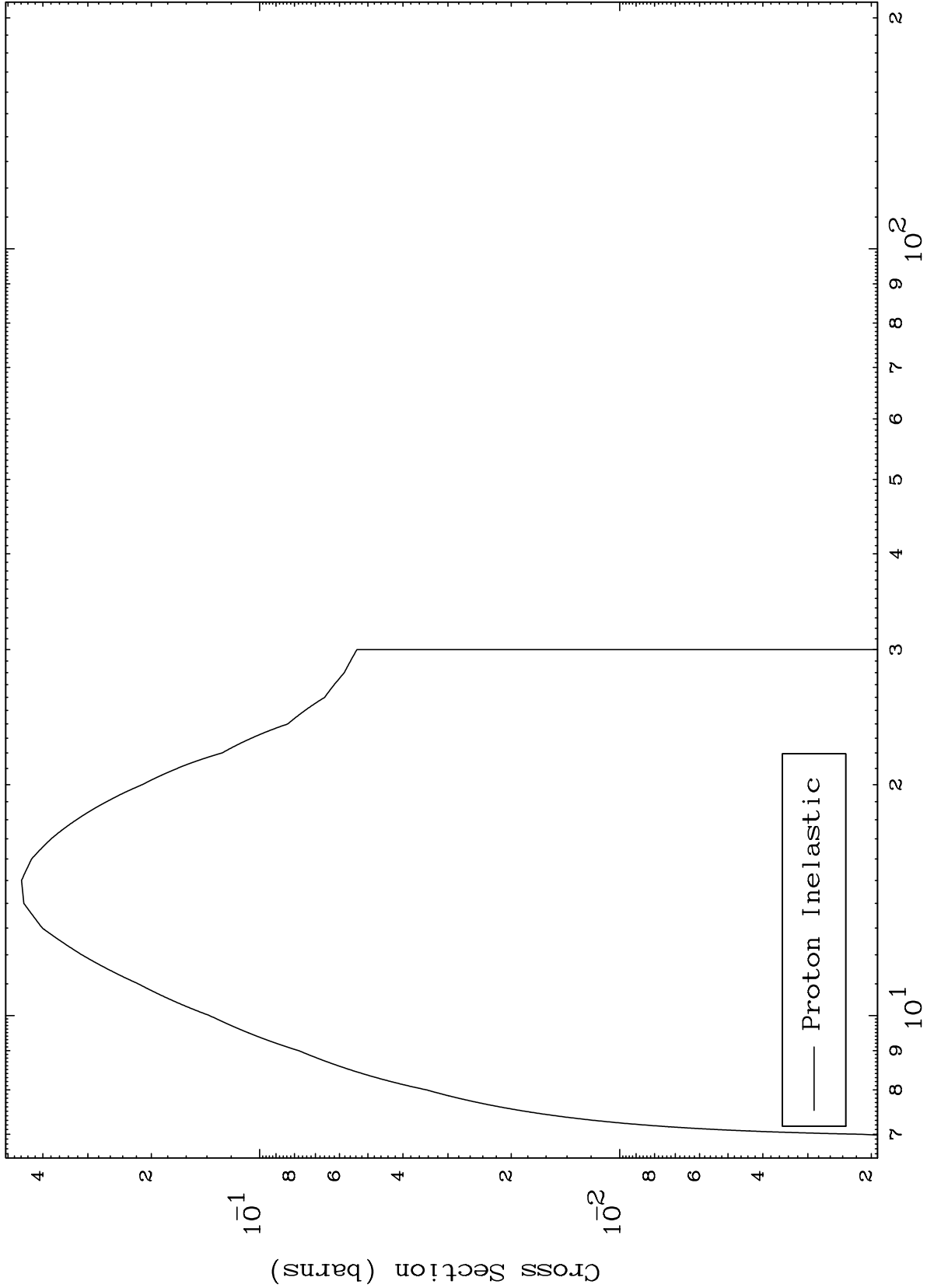




MAT 6216

62-Sm-141

(p,n') Level  
0 Kelvin Cross Sections



— Proton Inelastic

5

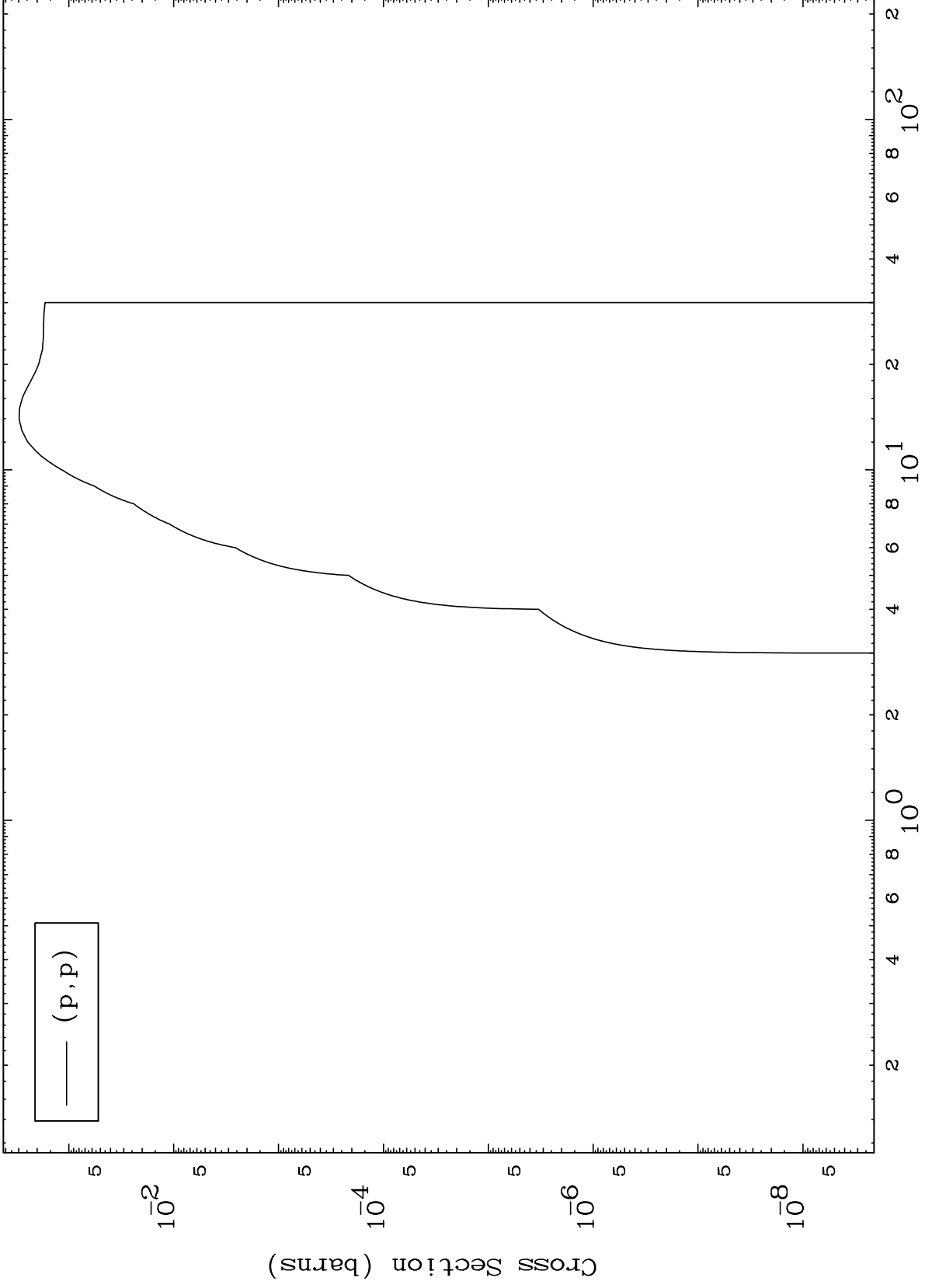
Incident Energy (MeV)

62-Sm-141

MAT 6216

62-Sm-141

(p,p) Levels  
0 Kelvin Cross Sections



6

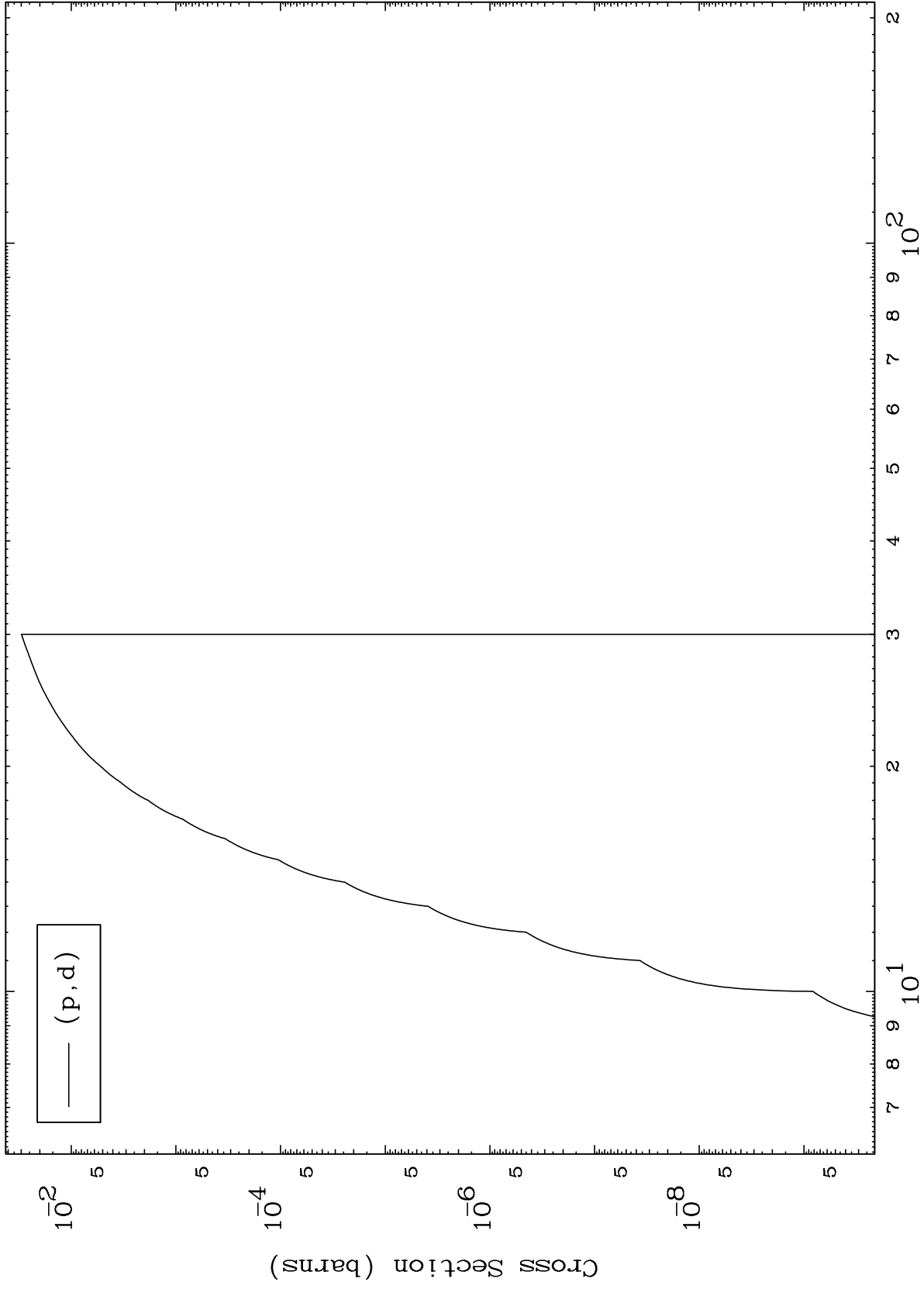
Incident Energy (MeV)

62-Sm-141

MAT 6216

(p,d) Levels  
0 Kelvin Cross Sections

62-Sm-141

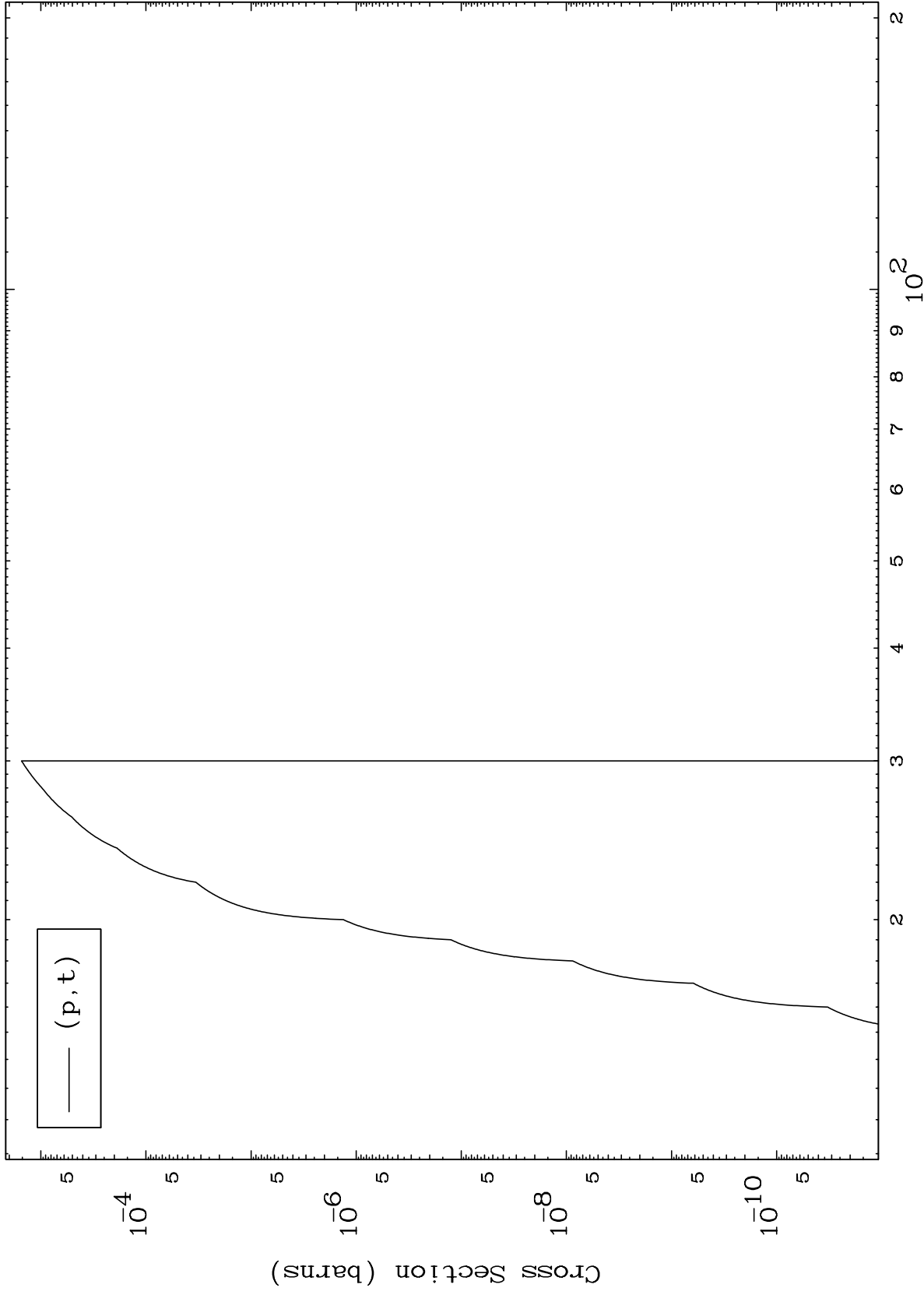


7

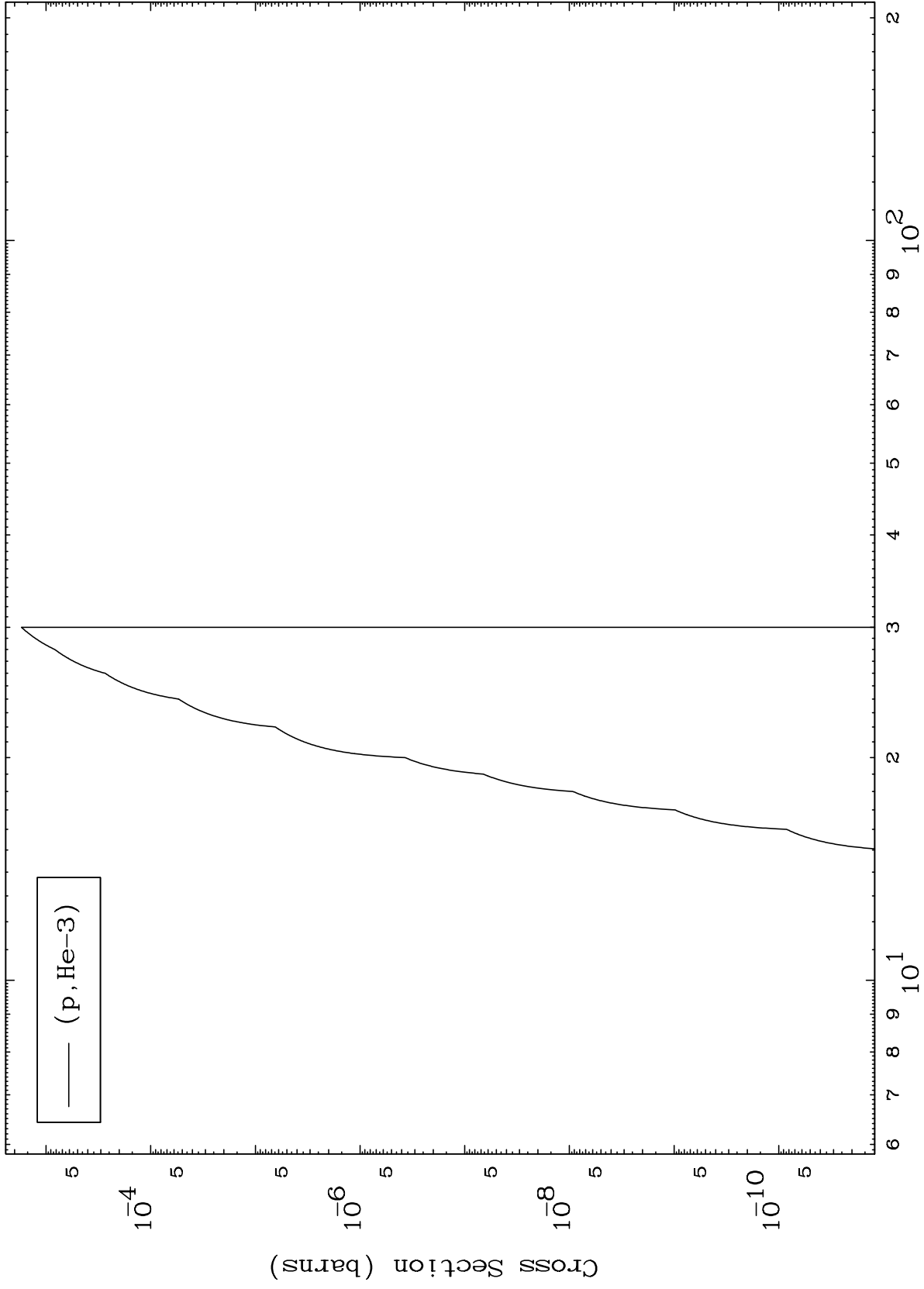
Incident Energy (MeV)

62-Sm-141





(p,He3) Levels  
0 Kelvin Cross Sections

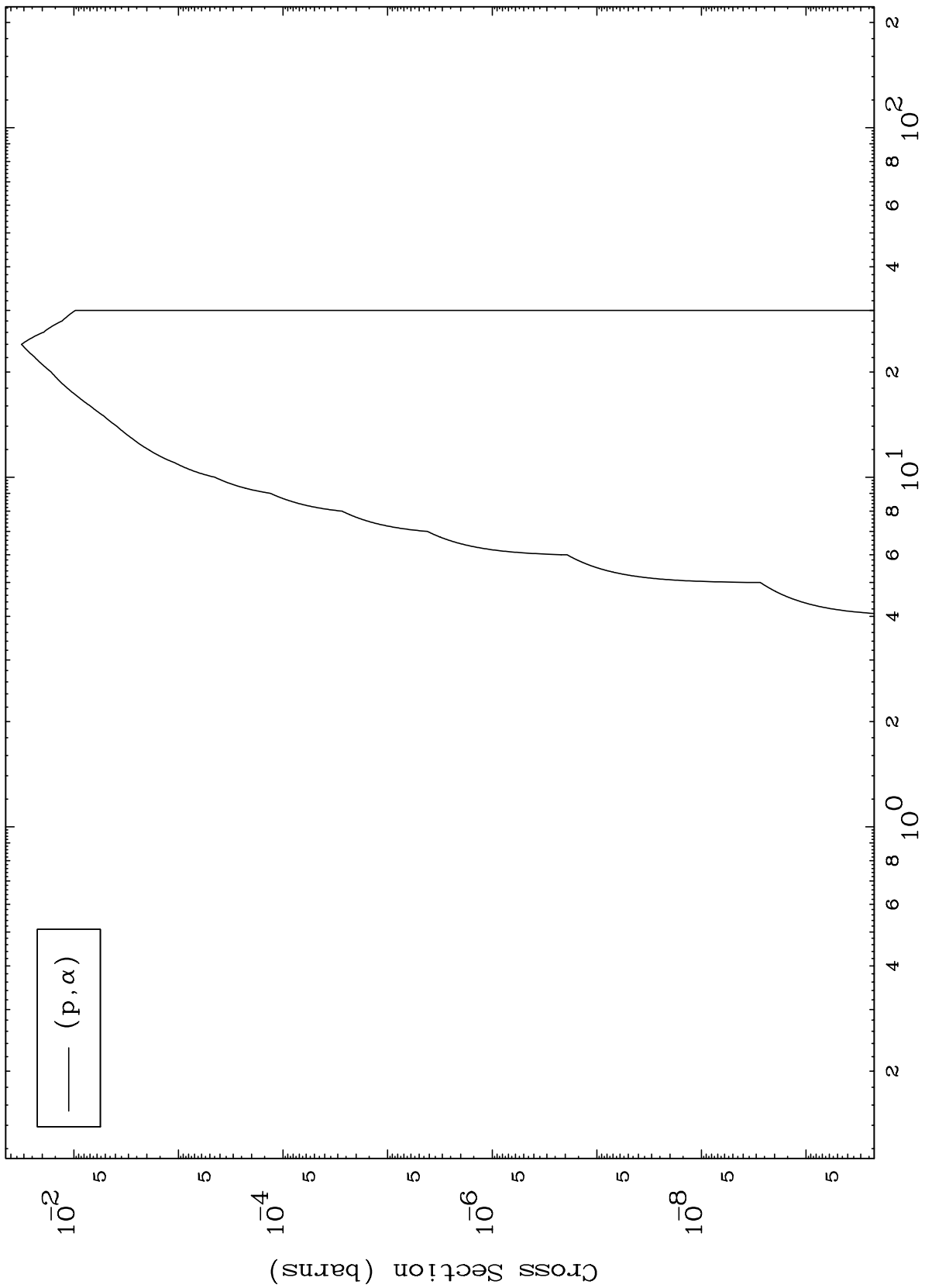


MAT 6216

(p,  $\alpha$ ) Levels

62-Sm-141

0 Kelvin Cross Sections



10

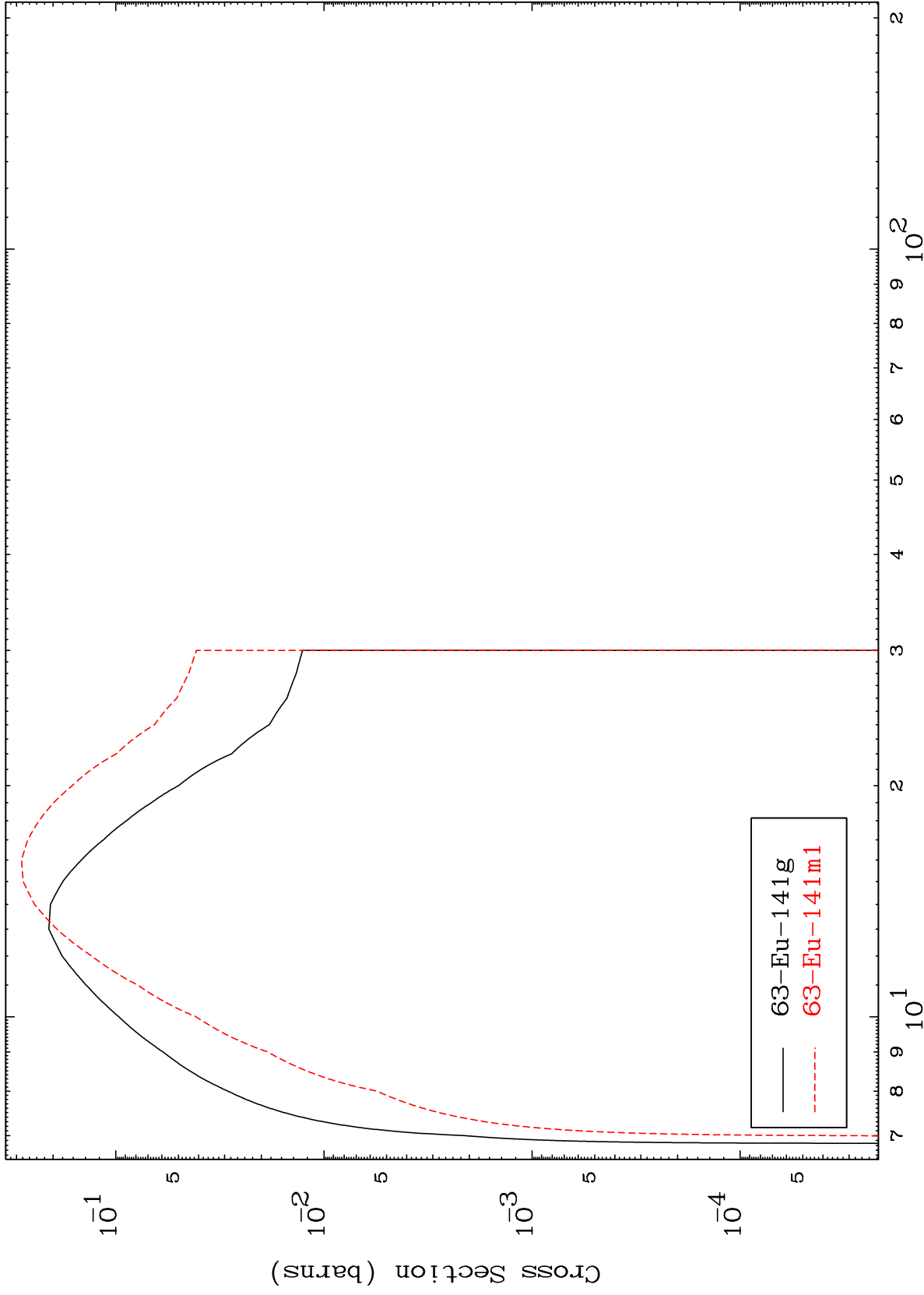
Incident Energy (MeV)

62-Sm-141

MAT 6216

Proton Inelastic  
Radionuclide Production Cross Section

62-Sm-141



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

11

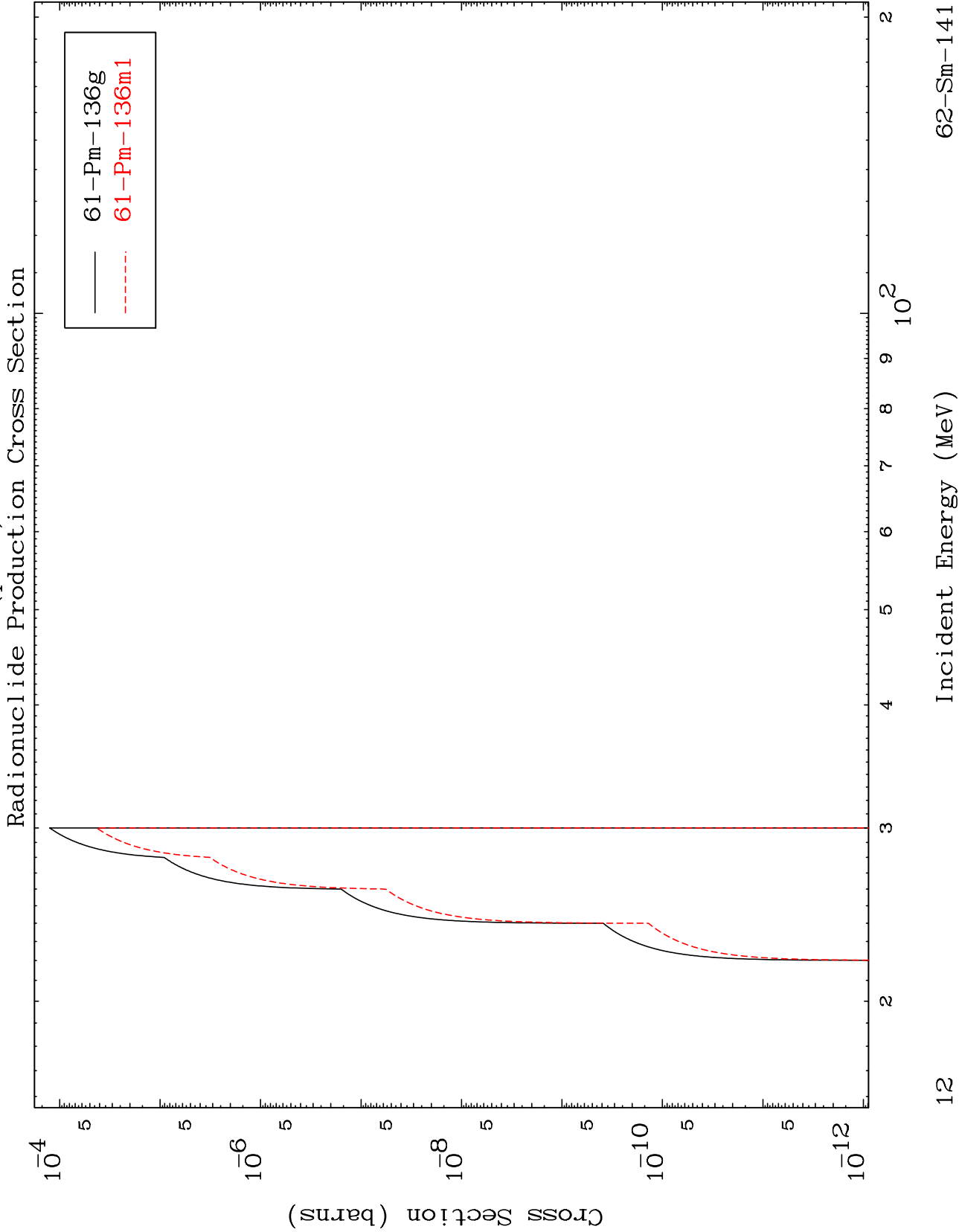
Incident Energy (MeV)

62-Sm-141

MAT 6216

(p,2n)  $\alpha$

62-Sm-141



12

Incident Energy (MeV)

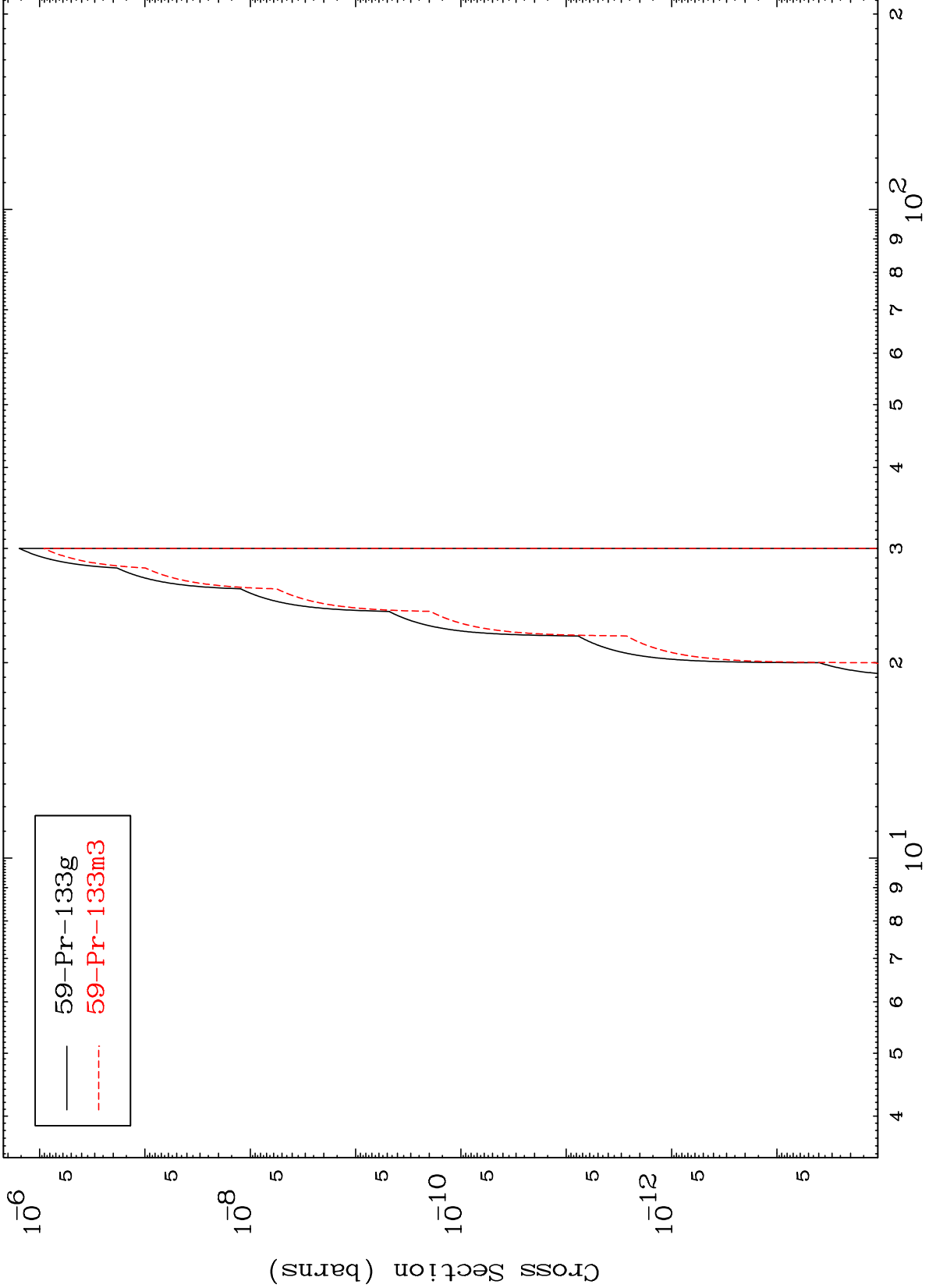
62-Sm-141

MAT 6216

(p,n')  $2\alpha$

62-Sm-141

Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

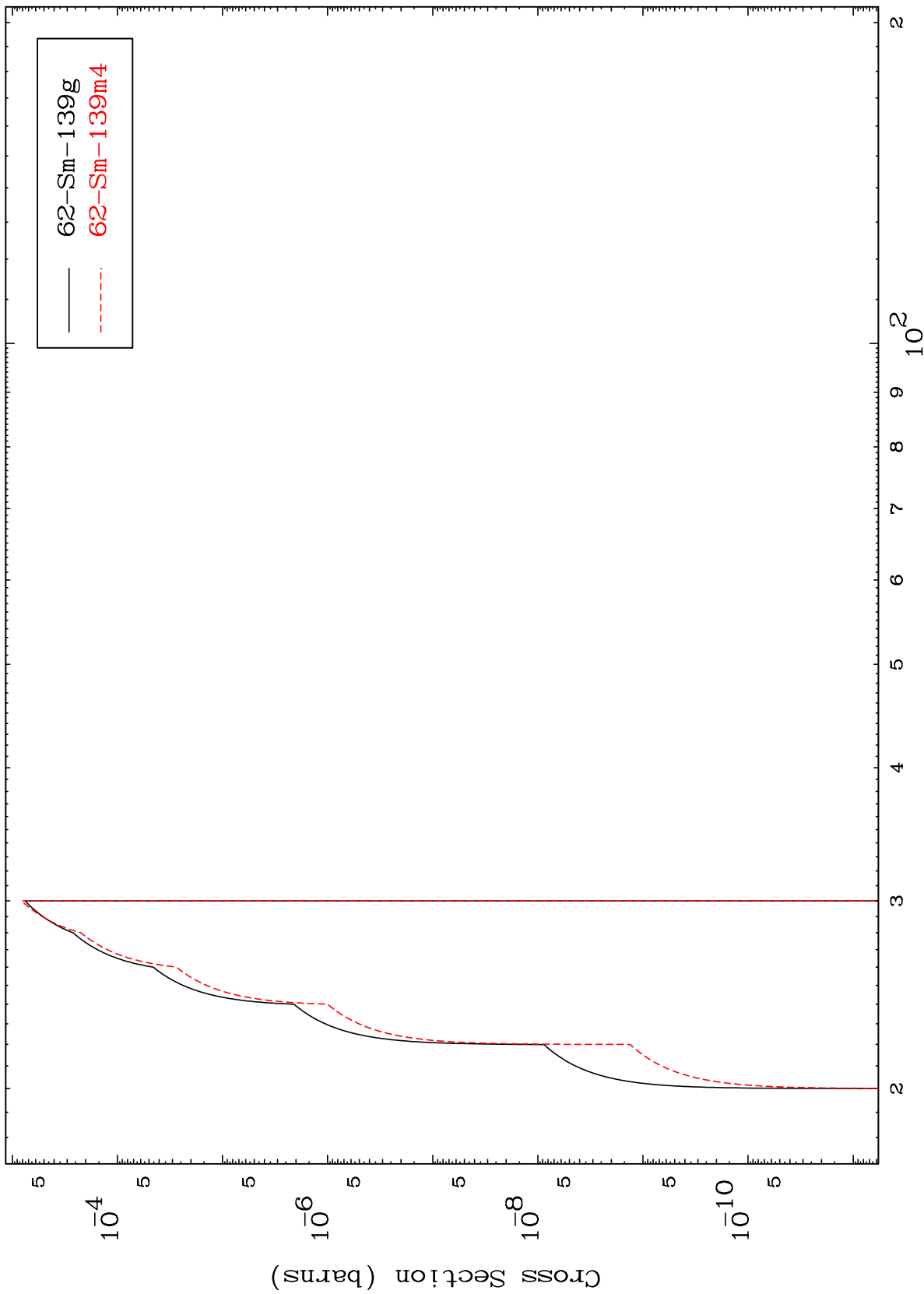
62-Sm-141

MAT 6216

(p,n) d

62-Sm-141

Radionuclide Production Cross Section



14

Incident Energy (MeV)

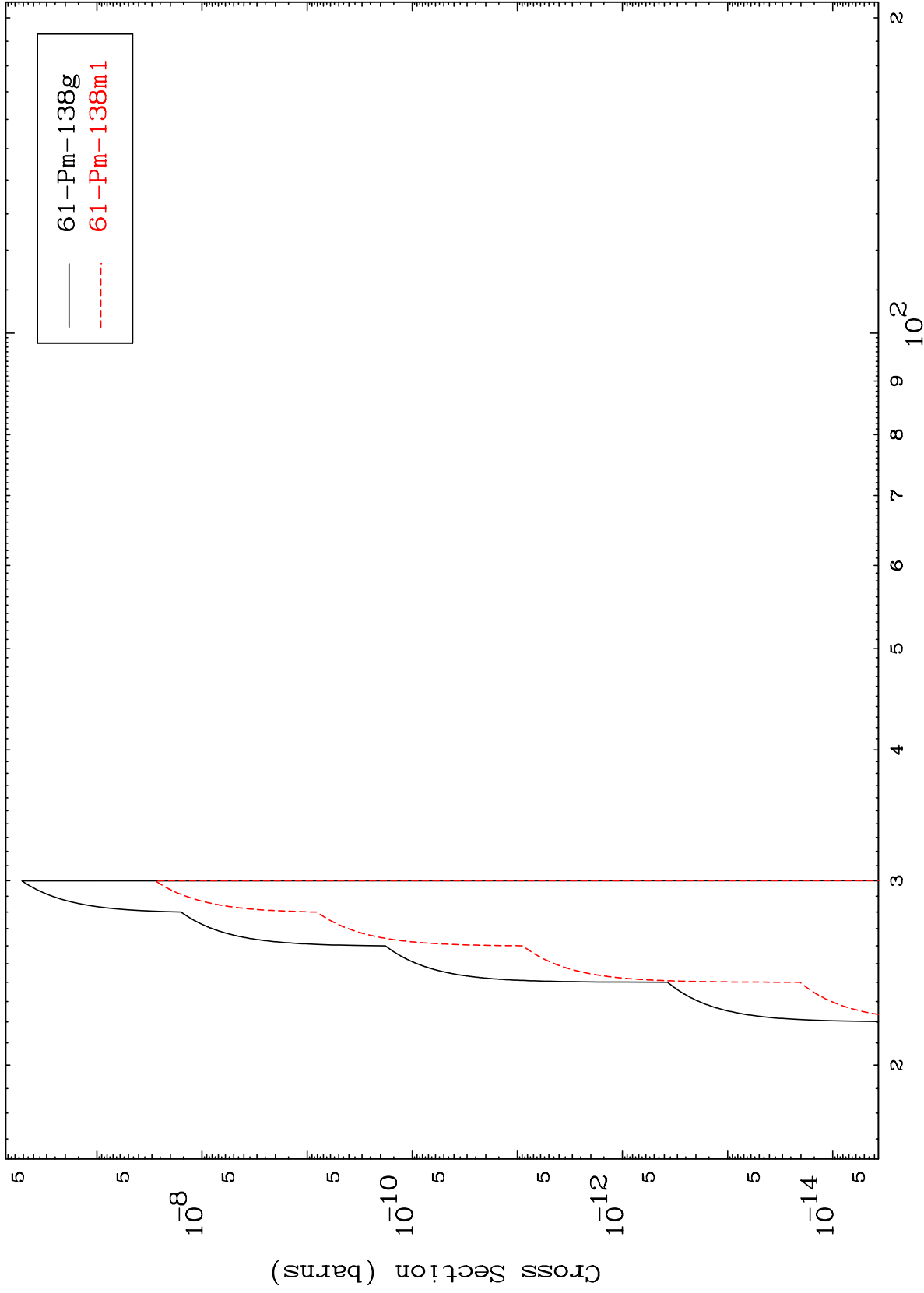
62-Sm-141

MAT 6216

(p,n') He-3

62-Sm-141

Radionuclide Production Cross Section



15

Incident Energy (MeV)

62-Sm-141

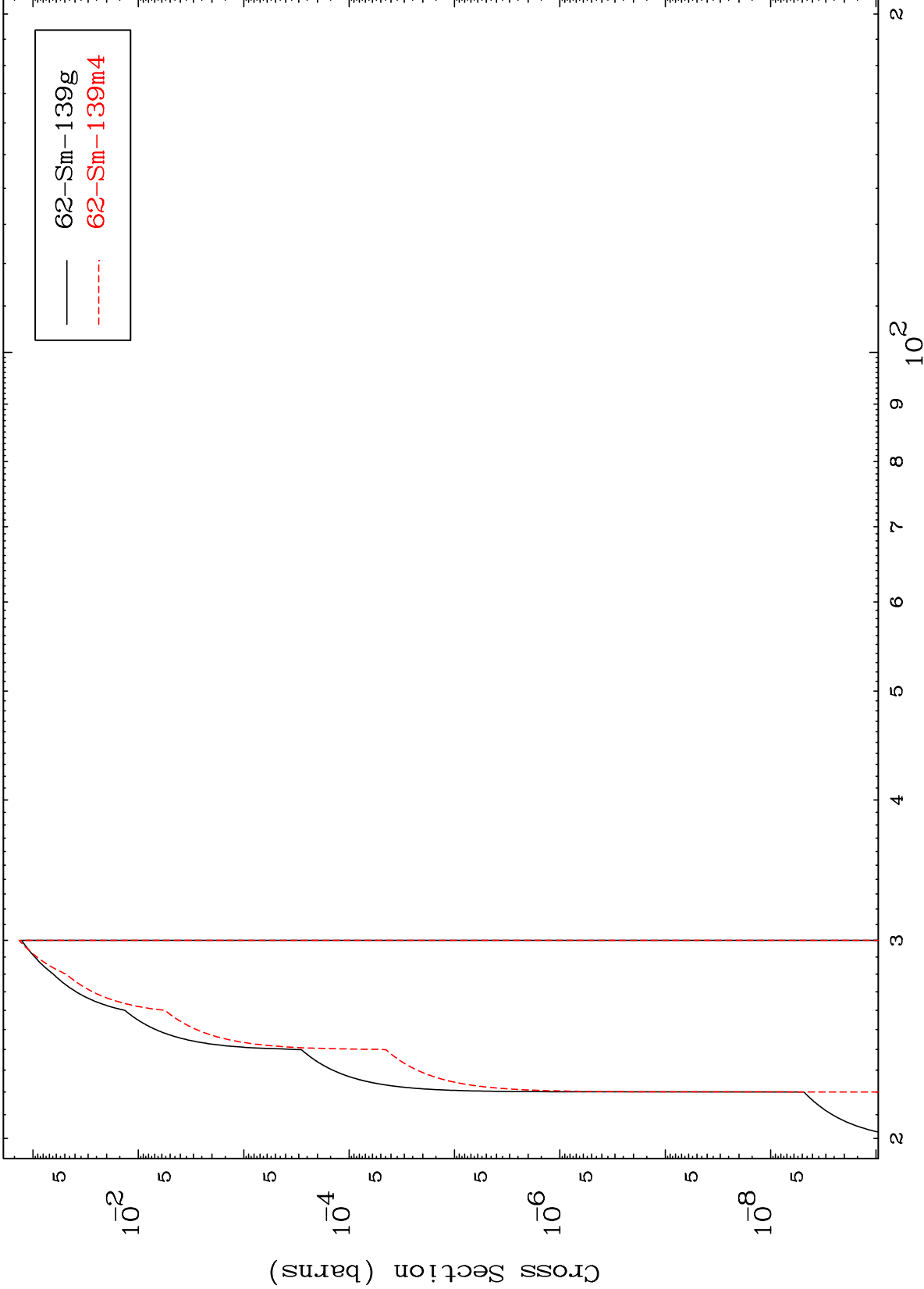


MAT 6216

(p,2n) p

62-Sm-141

Radionuclide Production Cross Section



62-Sm-139g  
62-Sm-139m4

16

Incident Energy (MeV)

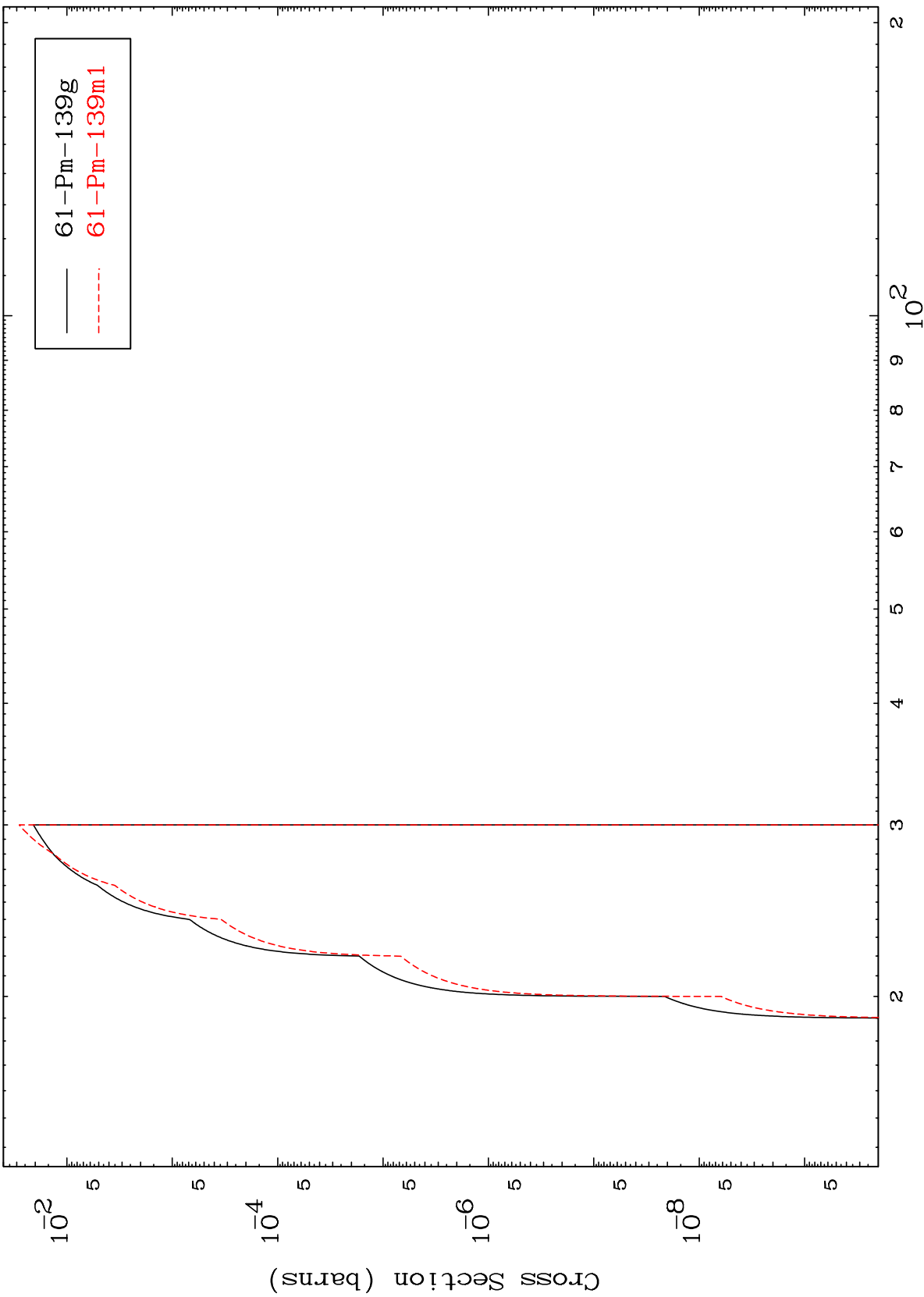
62-Sm-141

MAT 6216

(p,2n) p

62-Sm-141

Radionuclide Production Cross Section



17

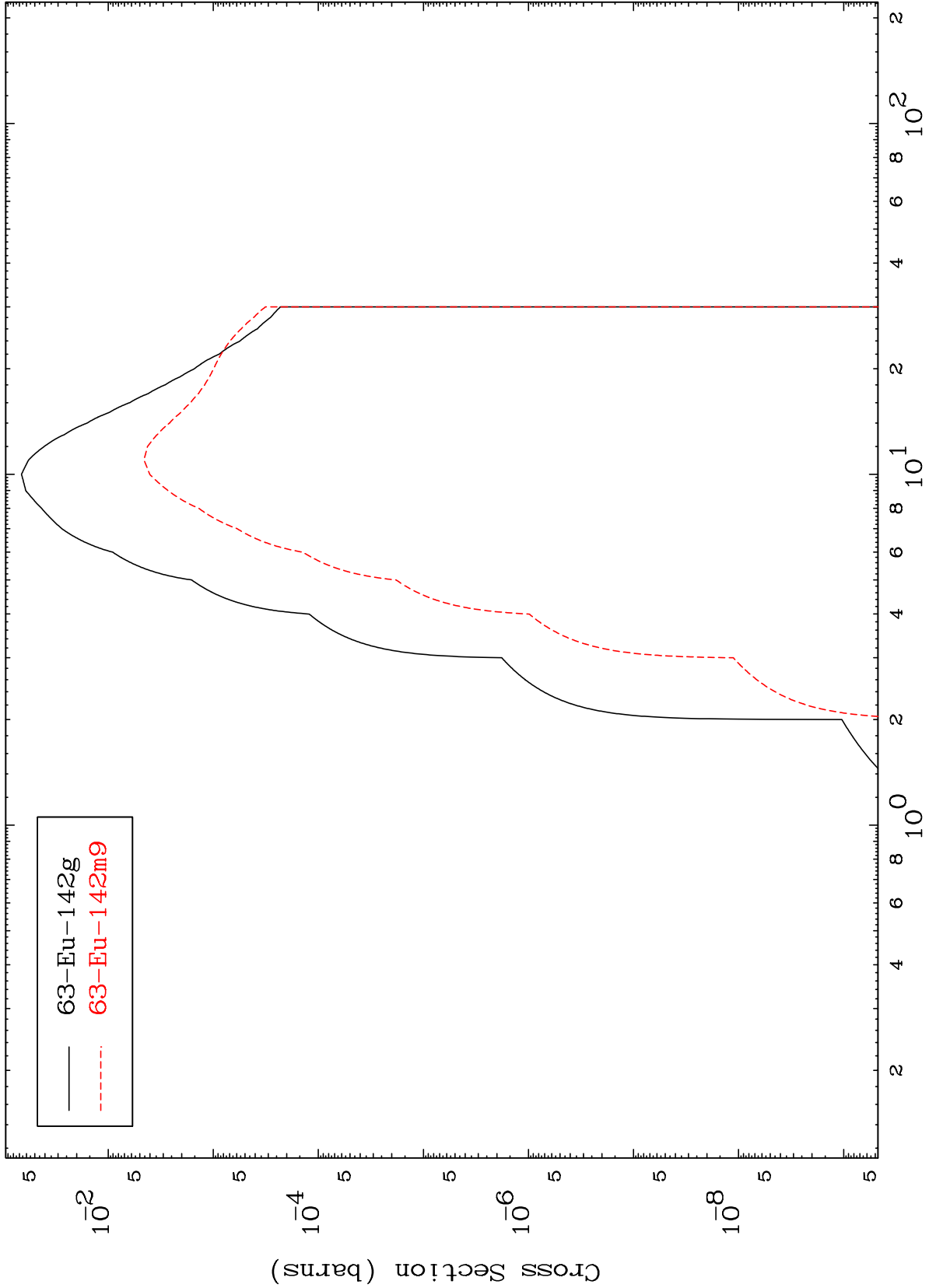
Incident Energy (MeV)

62-Sm-141

MAT 6216

62-Sm-141

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



18

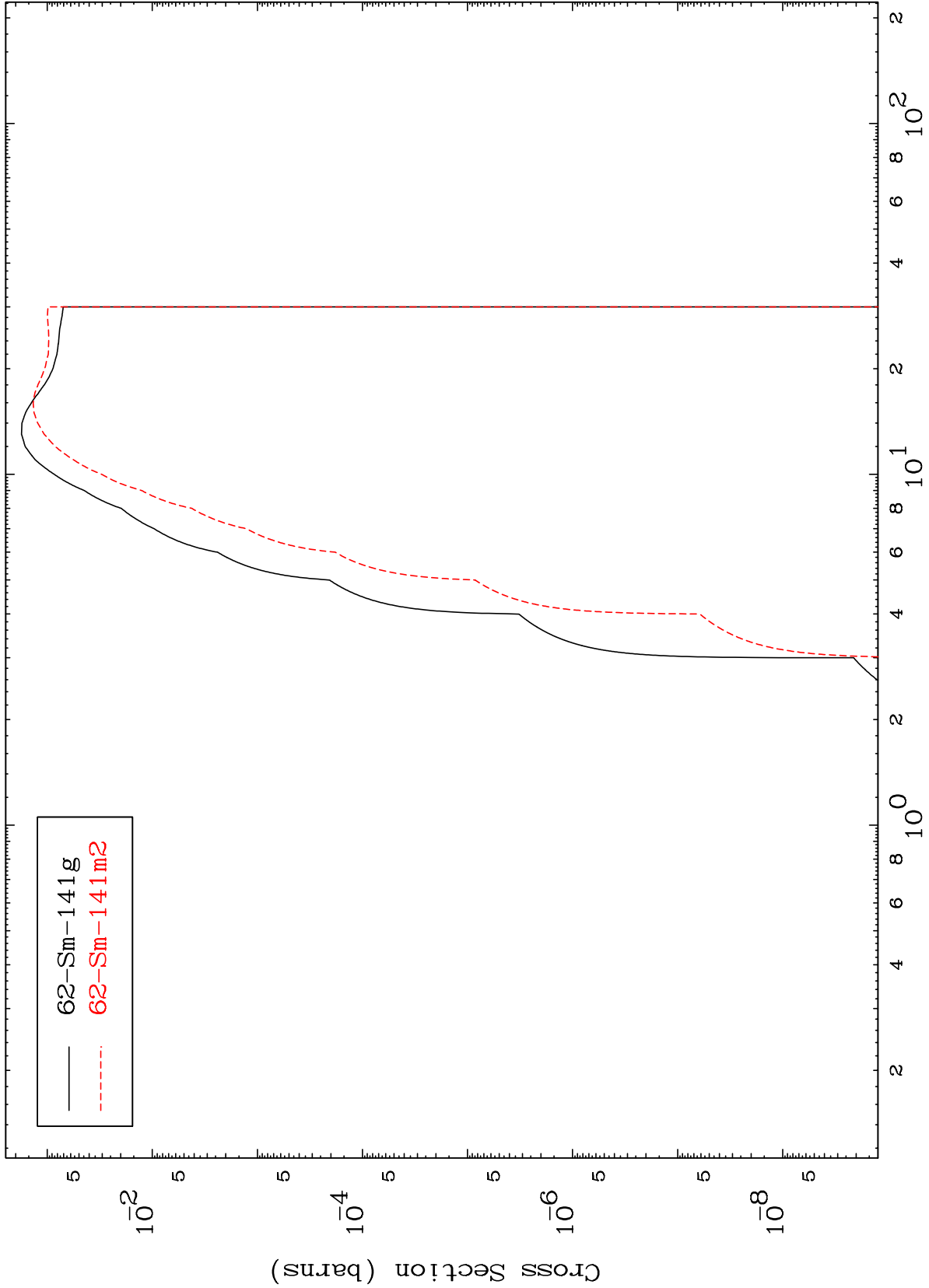
62-Sm-141

Incident Energy (MeV)

MAT 6216

62-Sm-141

(p,p)  
Radionuclide Production Cross Section



62-Sm-141

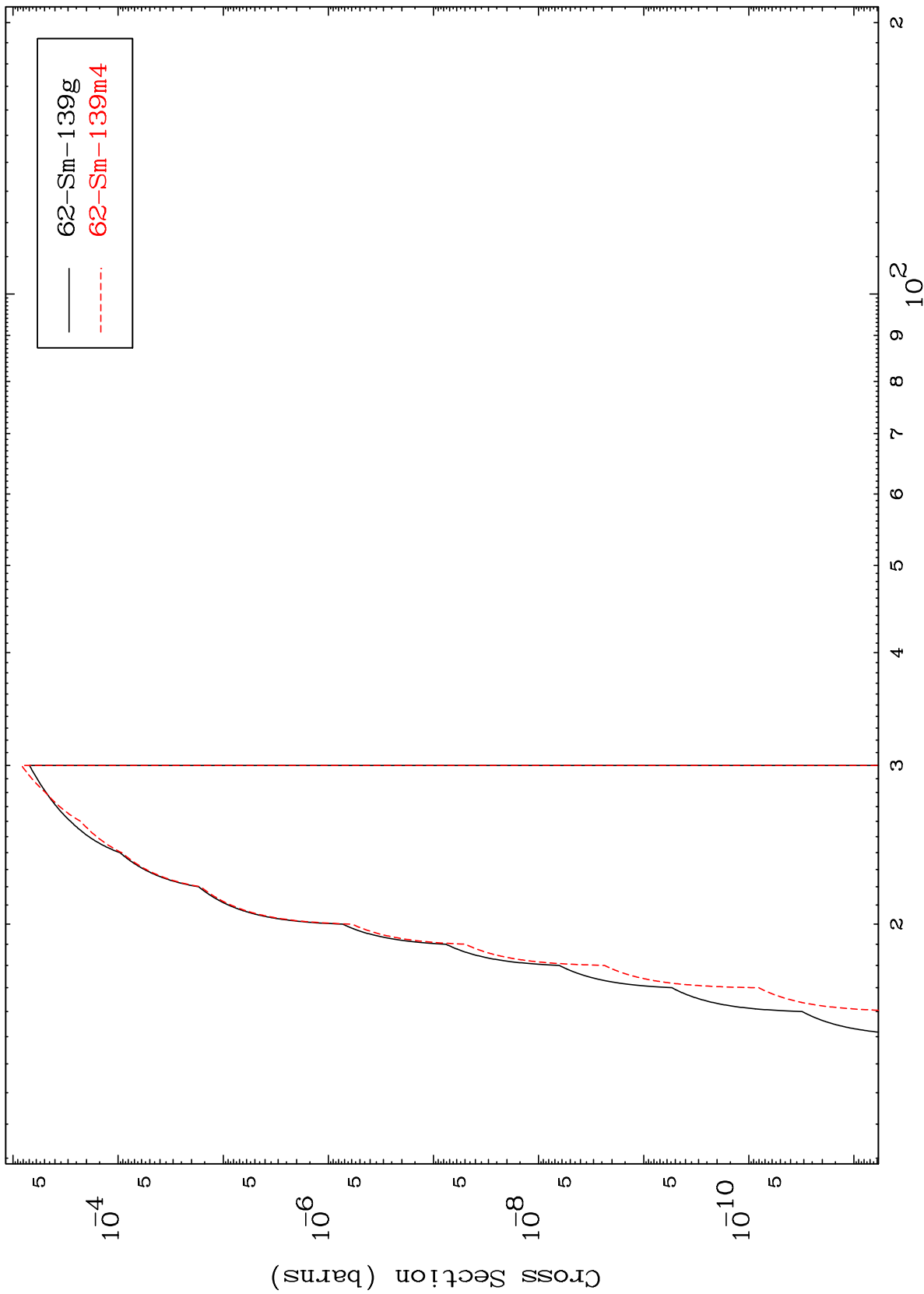
Incident Energy (MeV)

MAT 6216

(p, t)

62-Sm-141

Radionuclide Production Cross Section



20

Incident Energy (MeV)

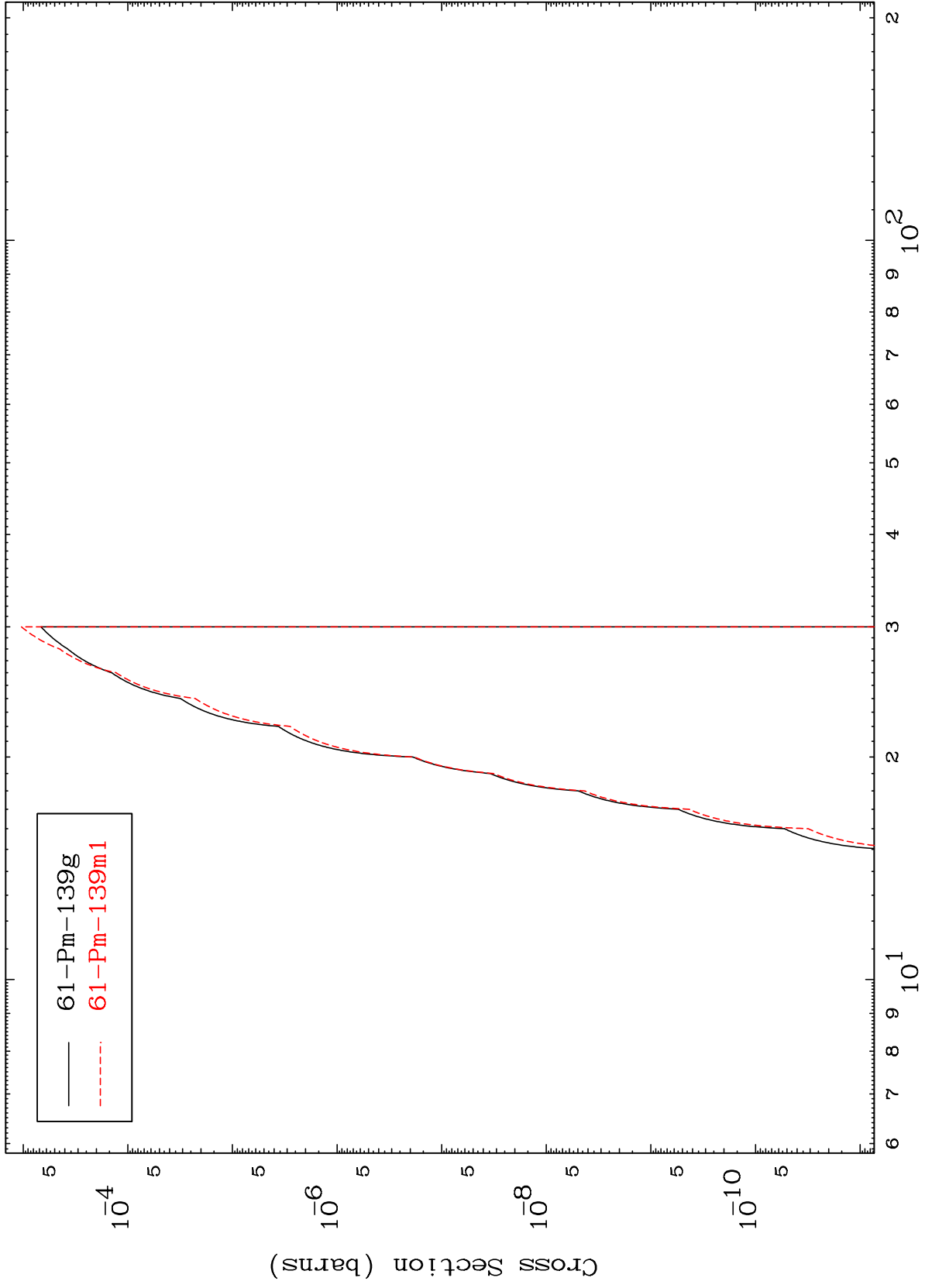
62-Sm-141

MAT 6216

(p,He-3)

62-Sm-141

Radionuclide Production Cross Section



21

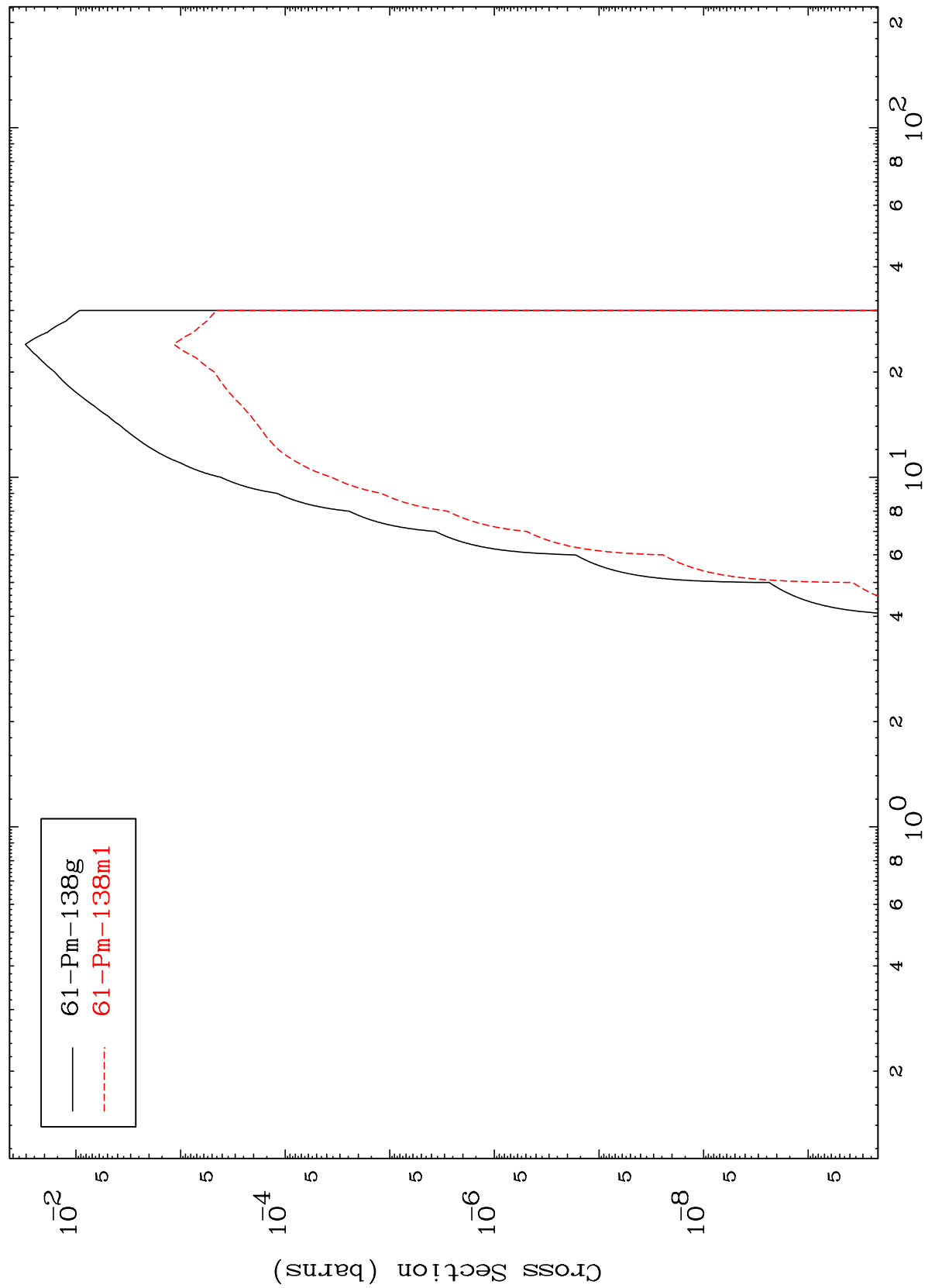
Incident Energy (MeV)

62-Sm-141

MAT 6216

62-Sm-141

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



62-Sm-141

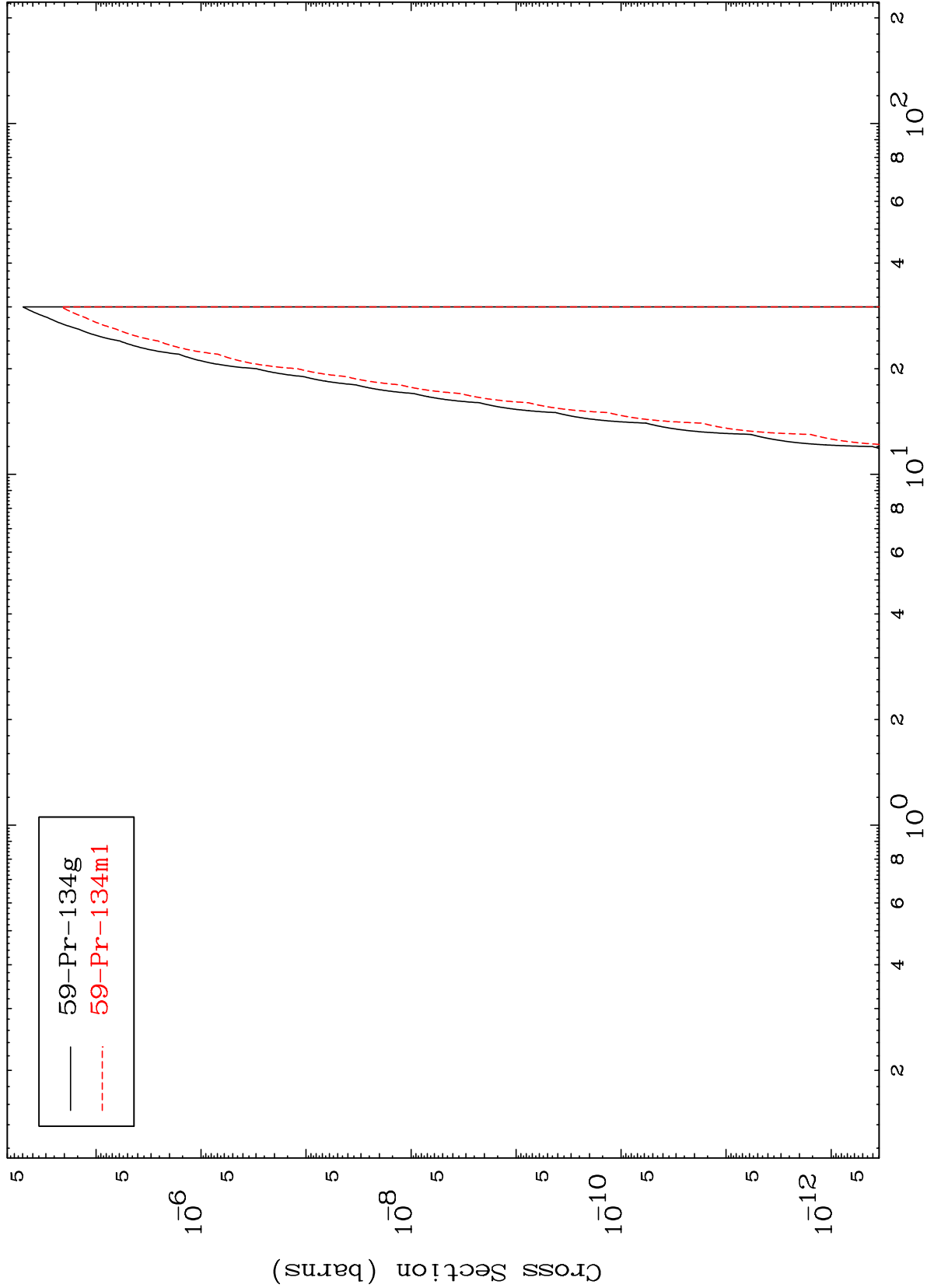
Incident Energy (MeV)

MAT 6216

(p,2α)

62-Sm-141

Radionuclide Production Cross Section

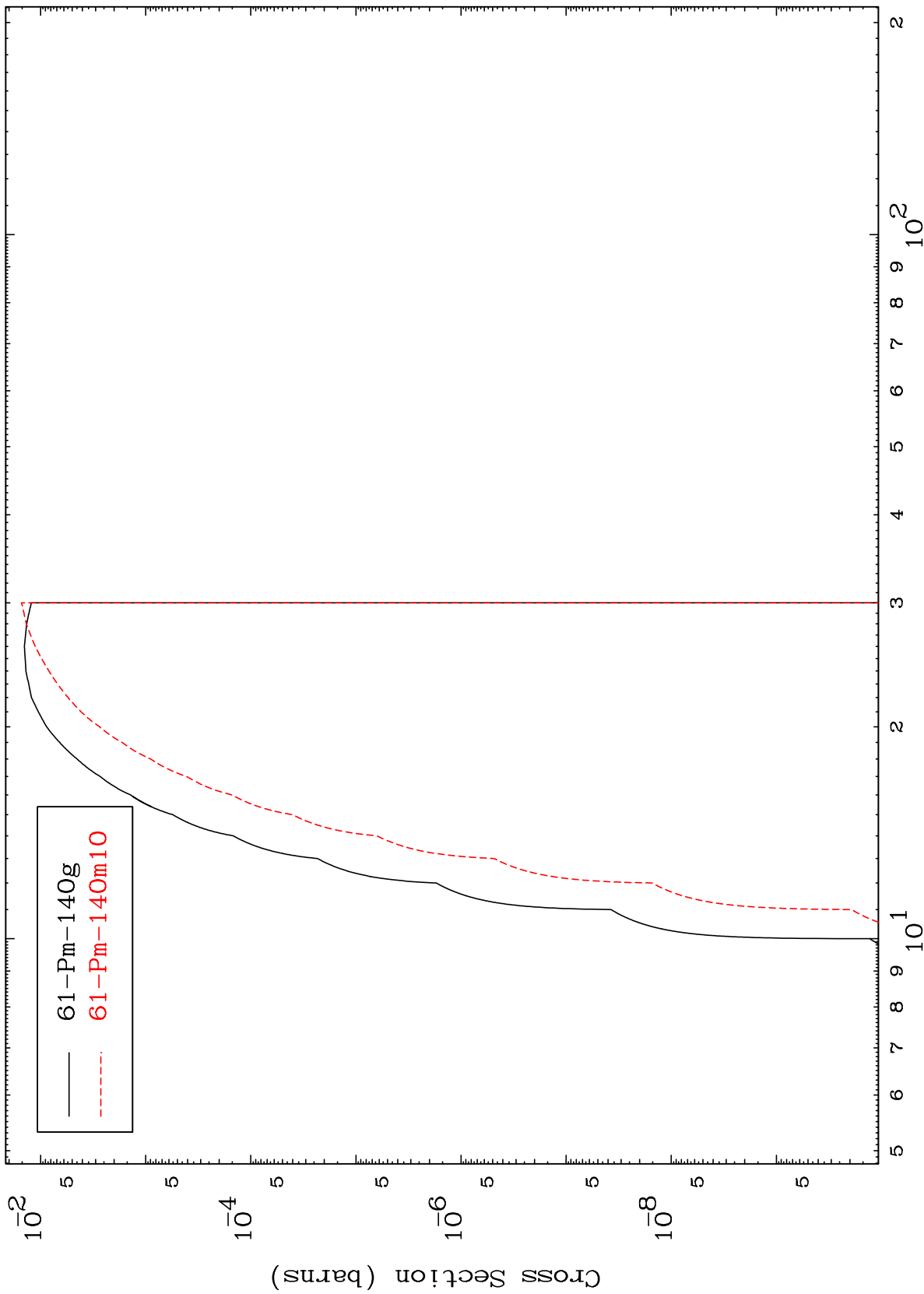




MAT 6216

62-Sm-141

(p,2p)  
Radionuclide Production Cross Section



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

24

Incident Energy (MeV)

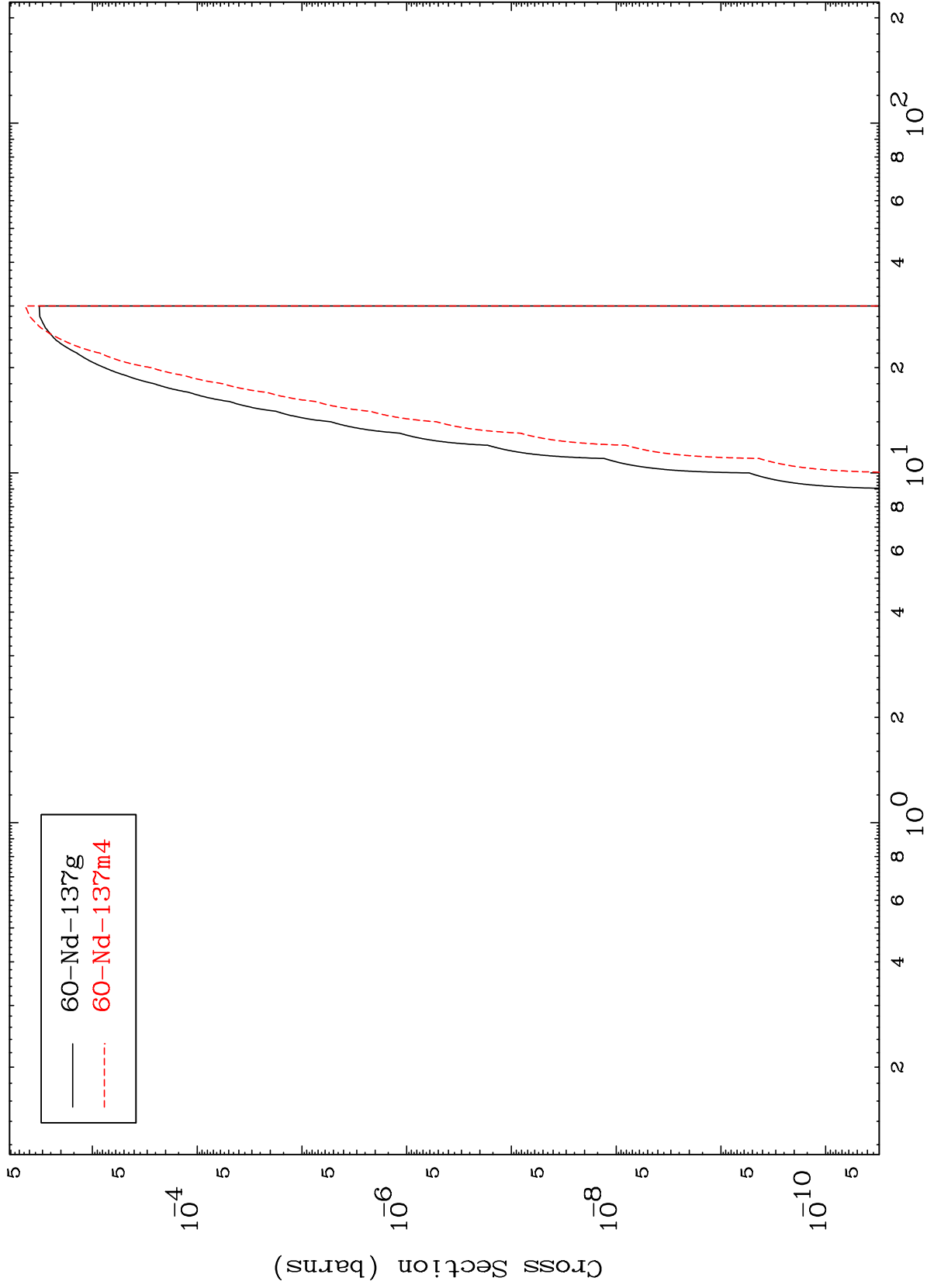
62-Sm-141

MAT 6216

(p,p)  $\alpha$

62-Sm-141

Radionuclide Production Cross Section



25

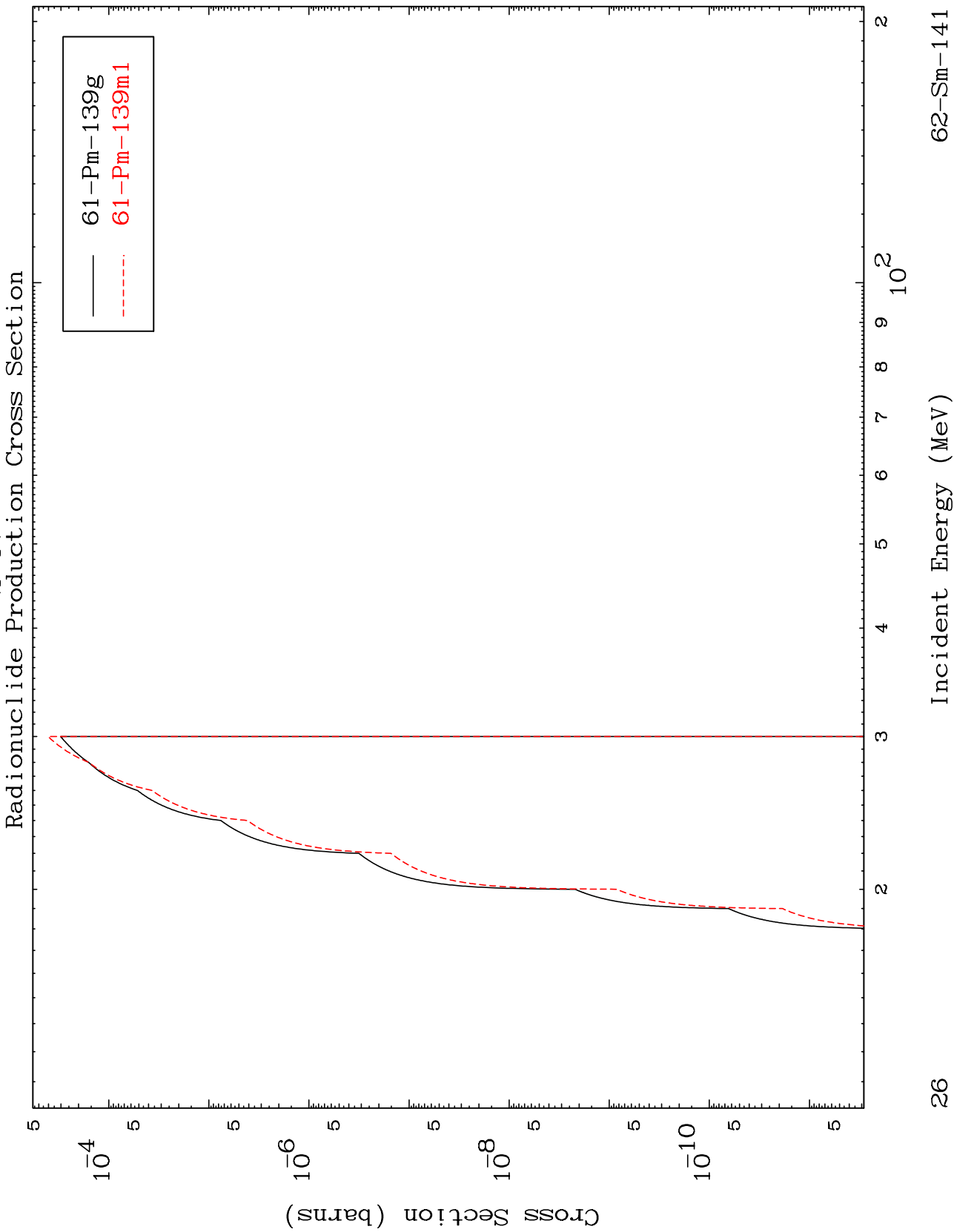
Incident Energy (MeV)

62-Sm-141

MAT 6216

(p,p) d

62-Sm-141

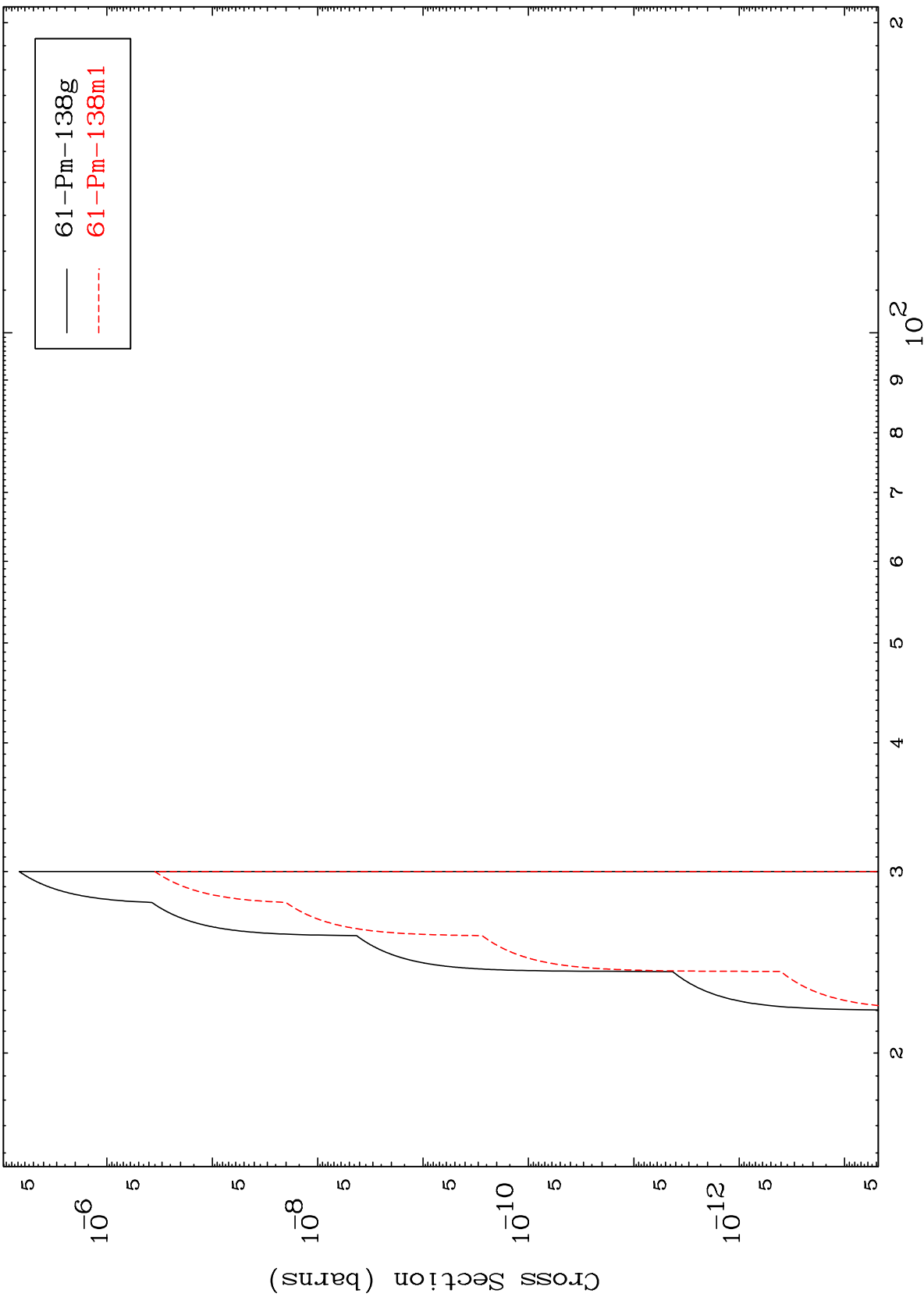


MAT 6216

(p,p) t

62-Sm-141

Radionuclide Production Cross Section



27

Incident Energy (MeV)

62-Sm-141