

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

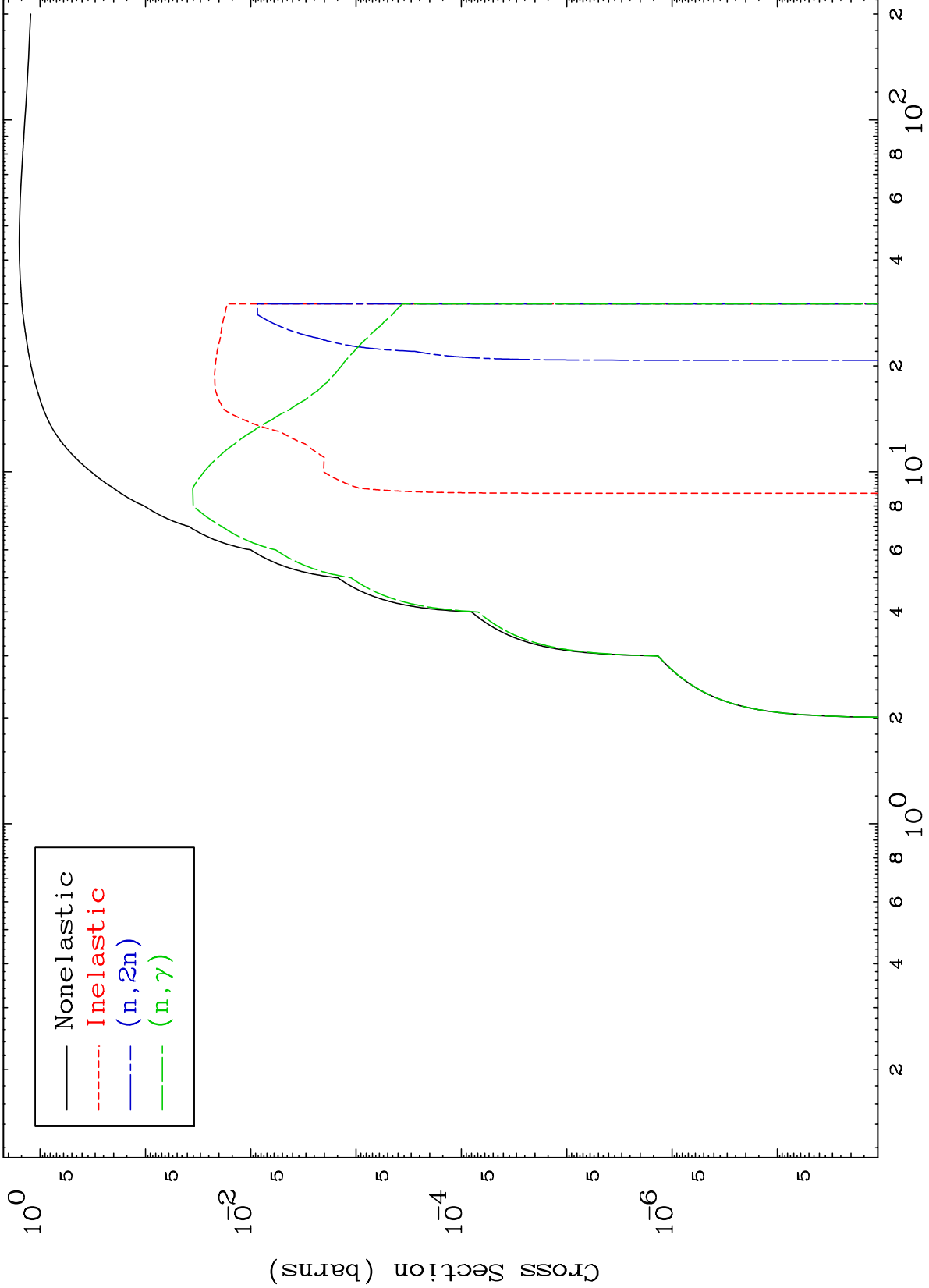
Web:redcullen1.net/HOMEPAGE.NEW

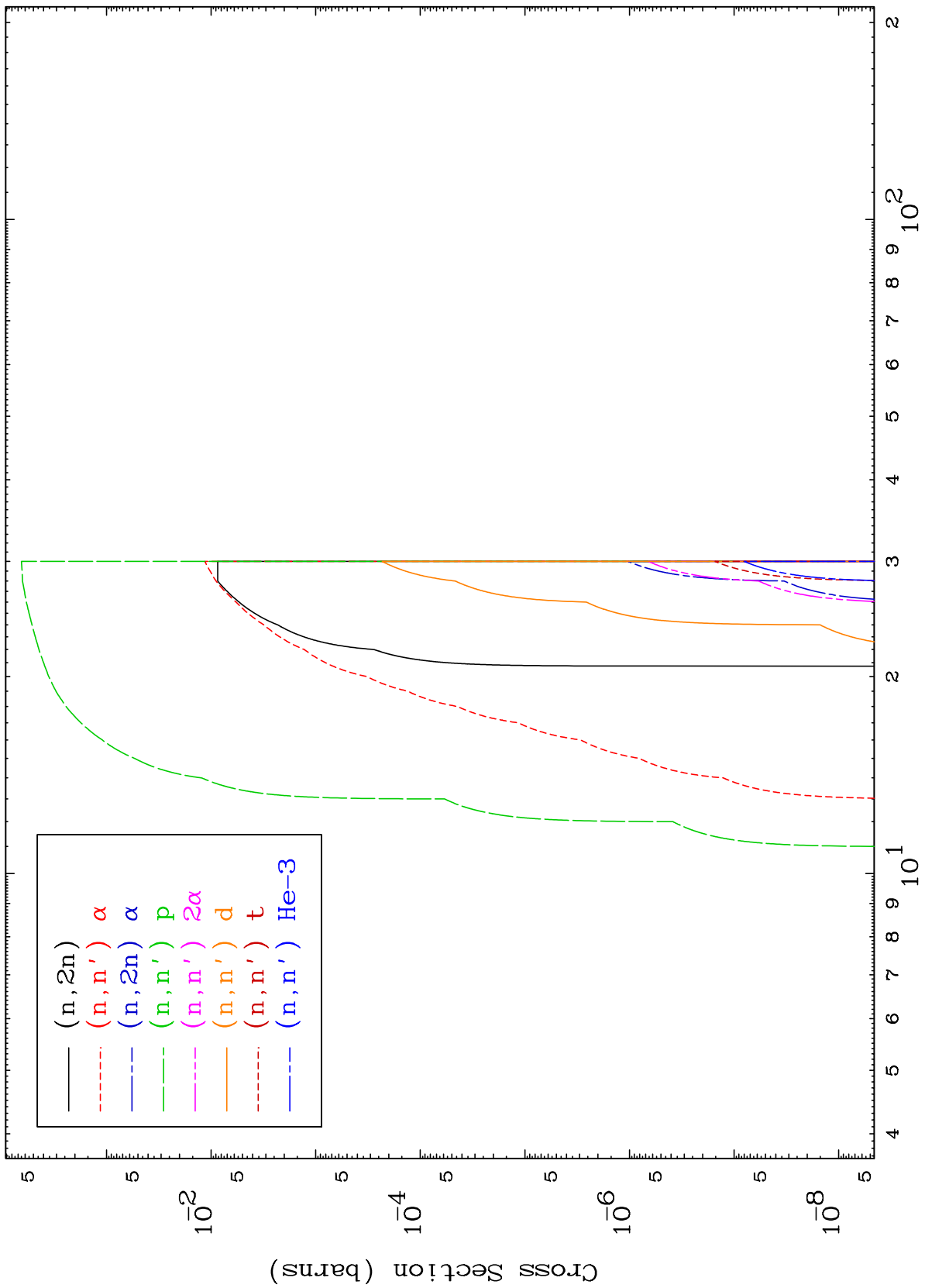
Press Mouse Button to Start

MAT 6204

Proton Major  
0 Kelvin Cross Sections

62-Sm-137

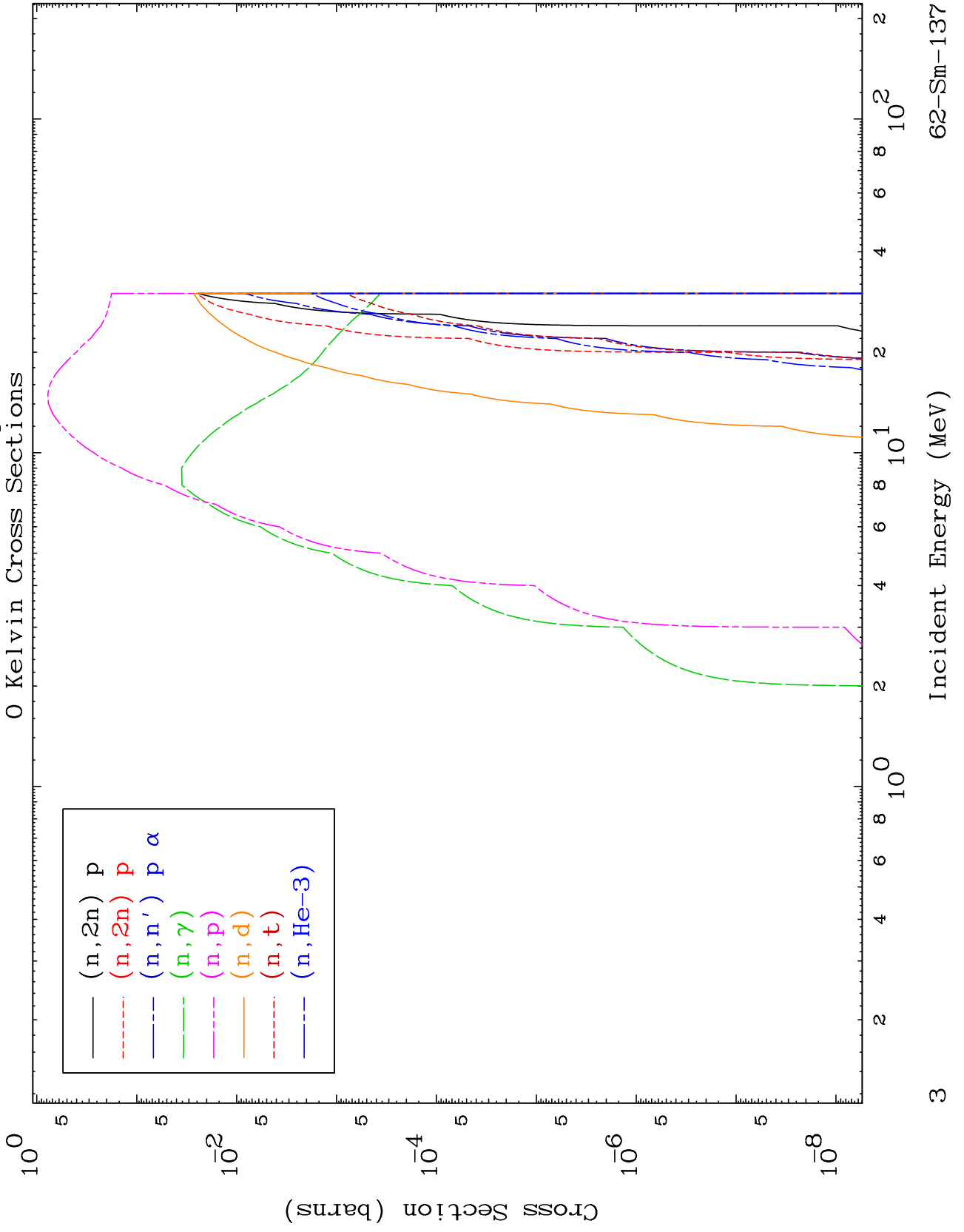




MAT 6204

Proton Neutron Absorption  
0 Kelvin Cross Sections

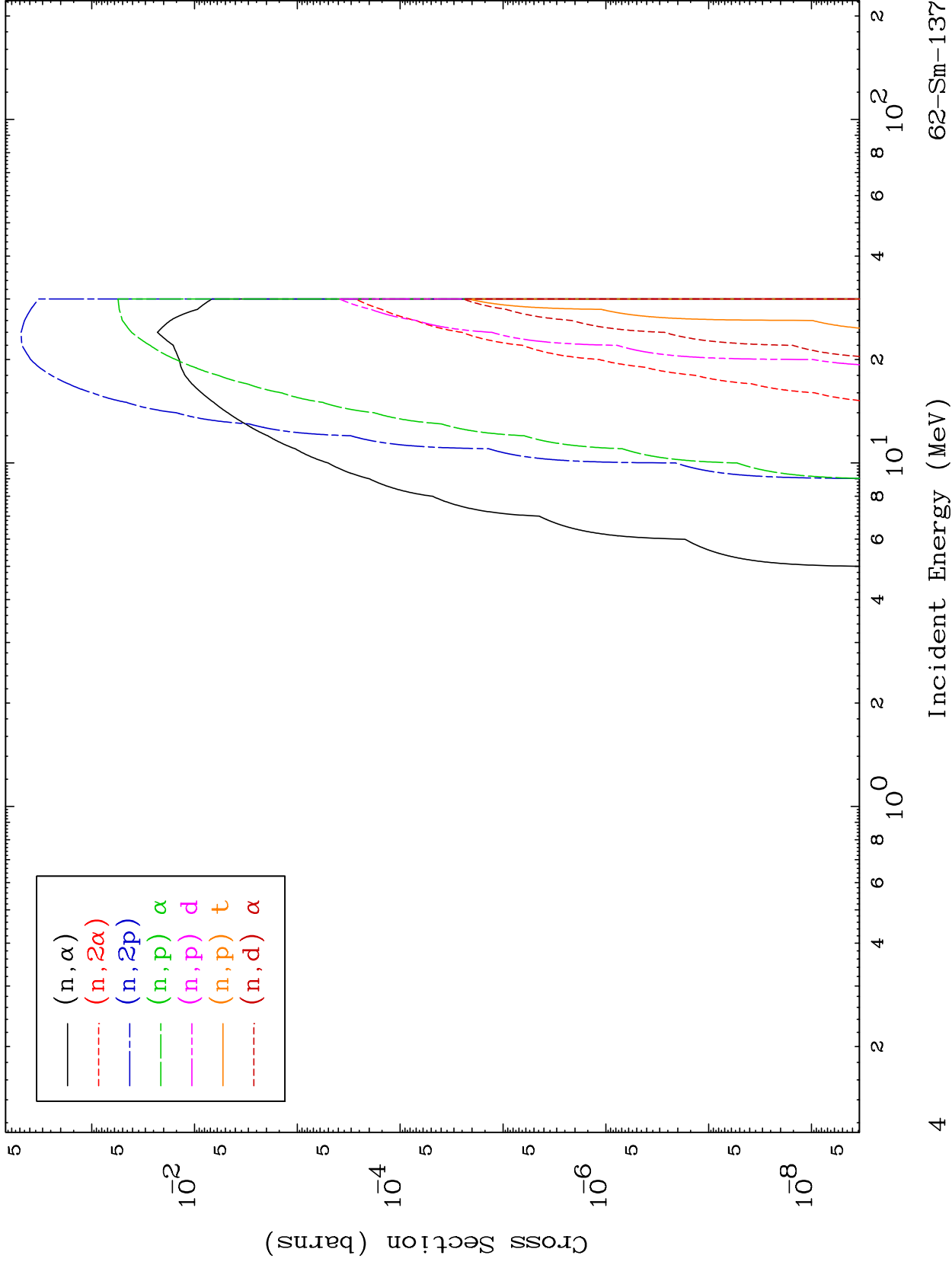
62-Sm-137



MAT 6204

Proton Neutron Absorption  
0 Kelvin Cross Sections

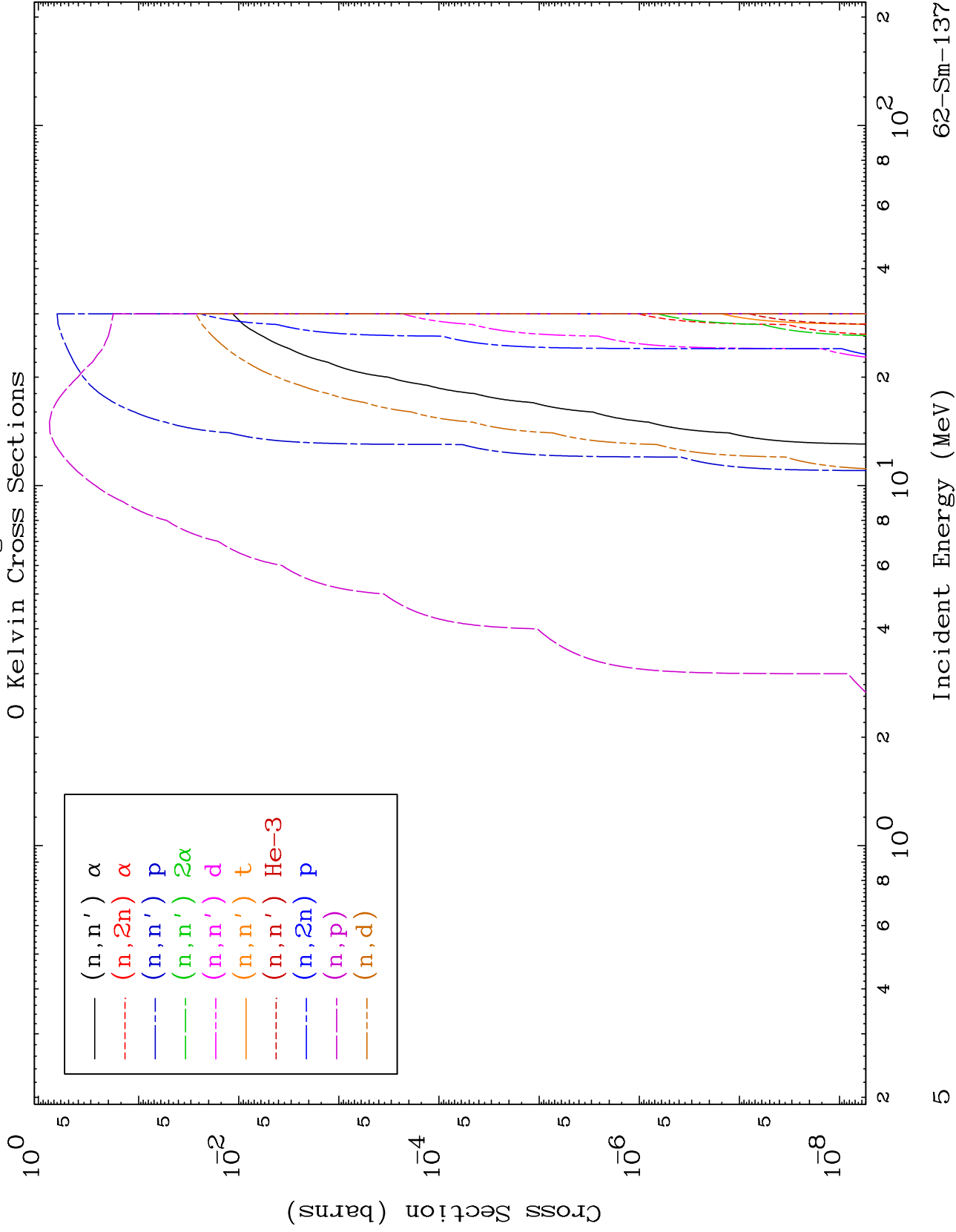
62-Sm-137



MAT 6204

Proton Charged Particle  
0 Kelvin Cross Sections

62-Sm-137



5

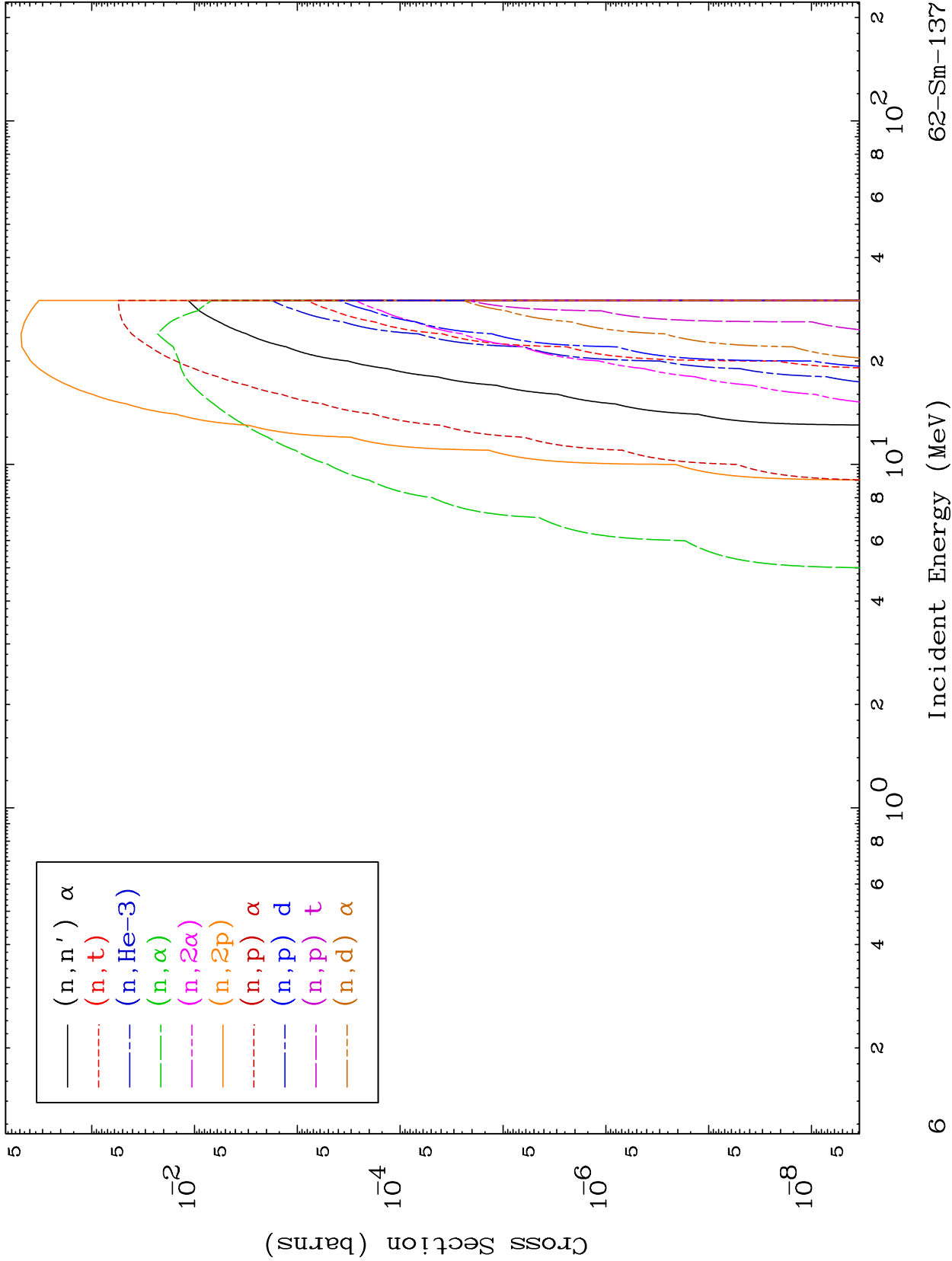
Incident Energy (MeV)

62-Sm-137

MAT 6204

Proton Charged Particle  
0 Kelvin Cross Sections

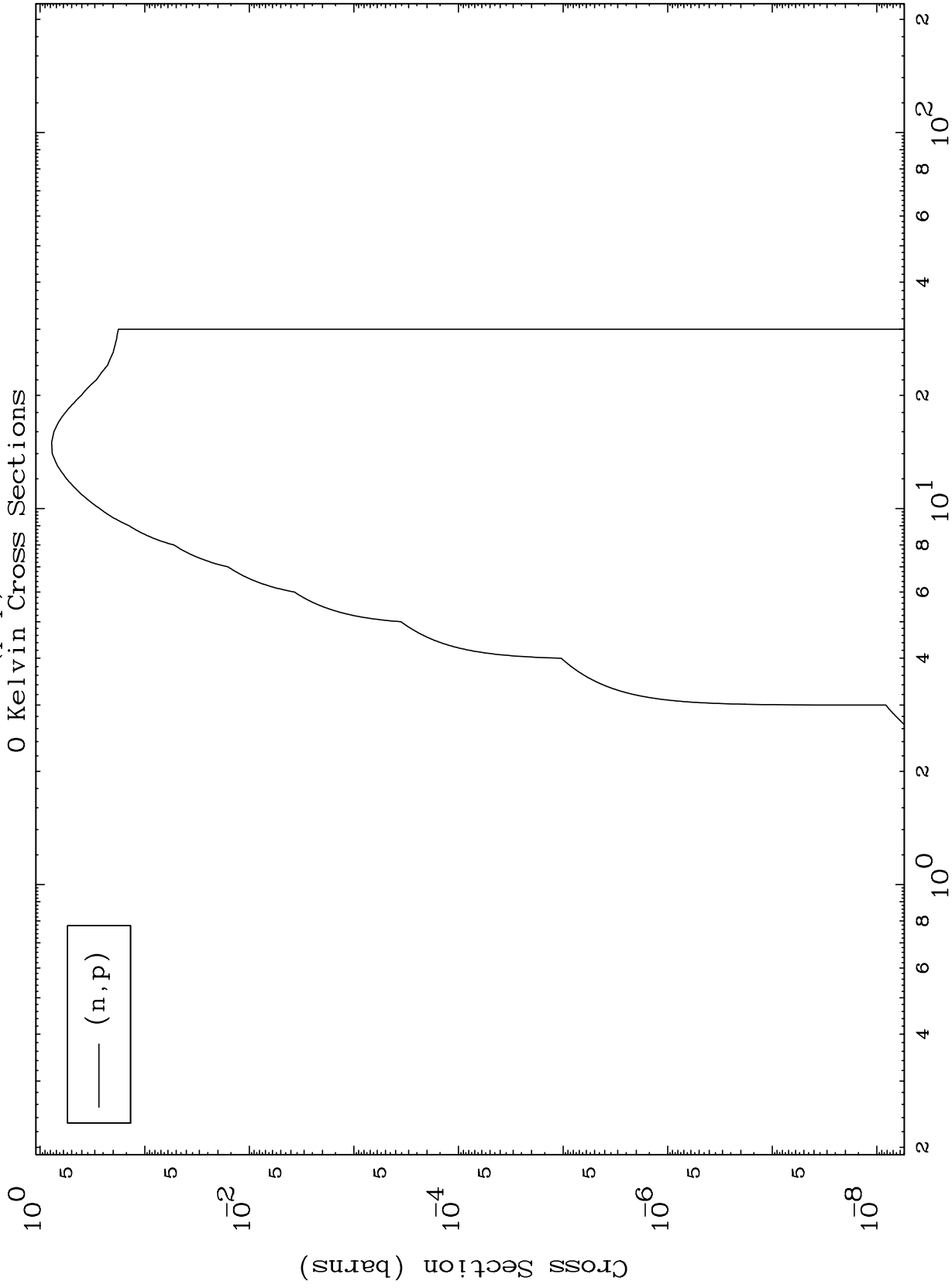
62-Sm-137



MAT 6204

(p,p) Levels

62-Sm-137



Incident Energy (MeV)

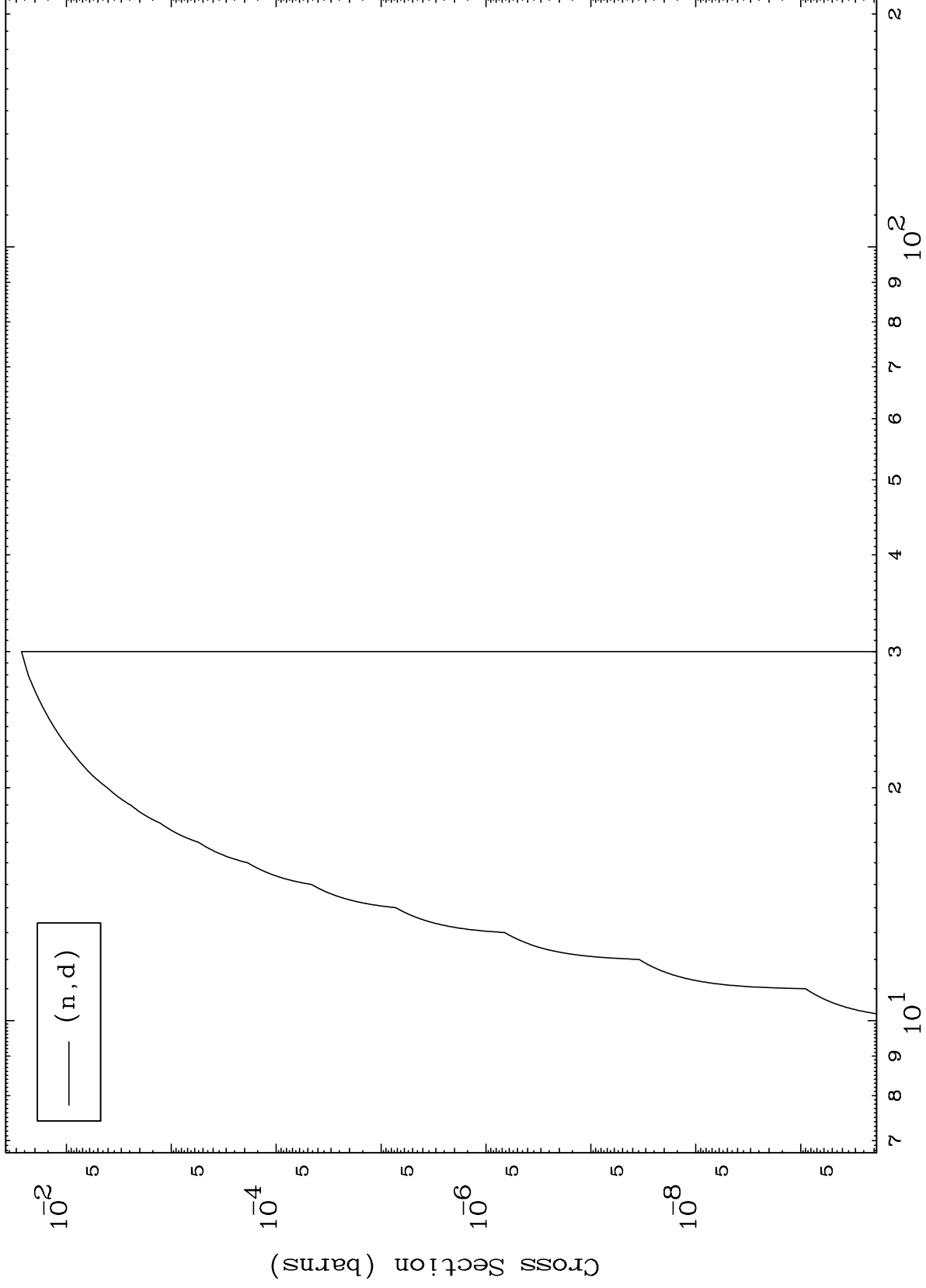
62-Sm-137



MAT 6204

(p,d) Levels  
0 Kelvin Cross Sections

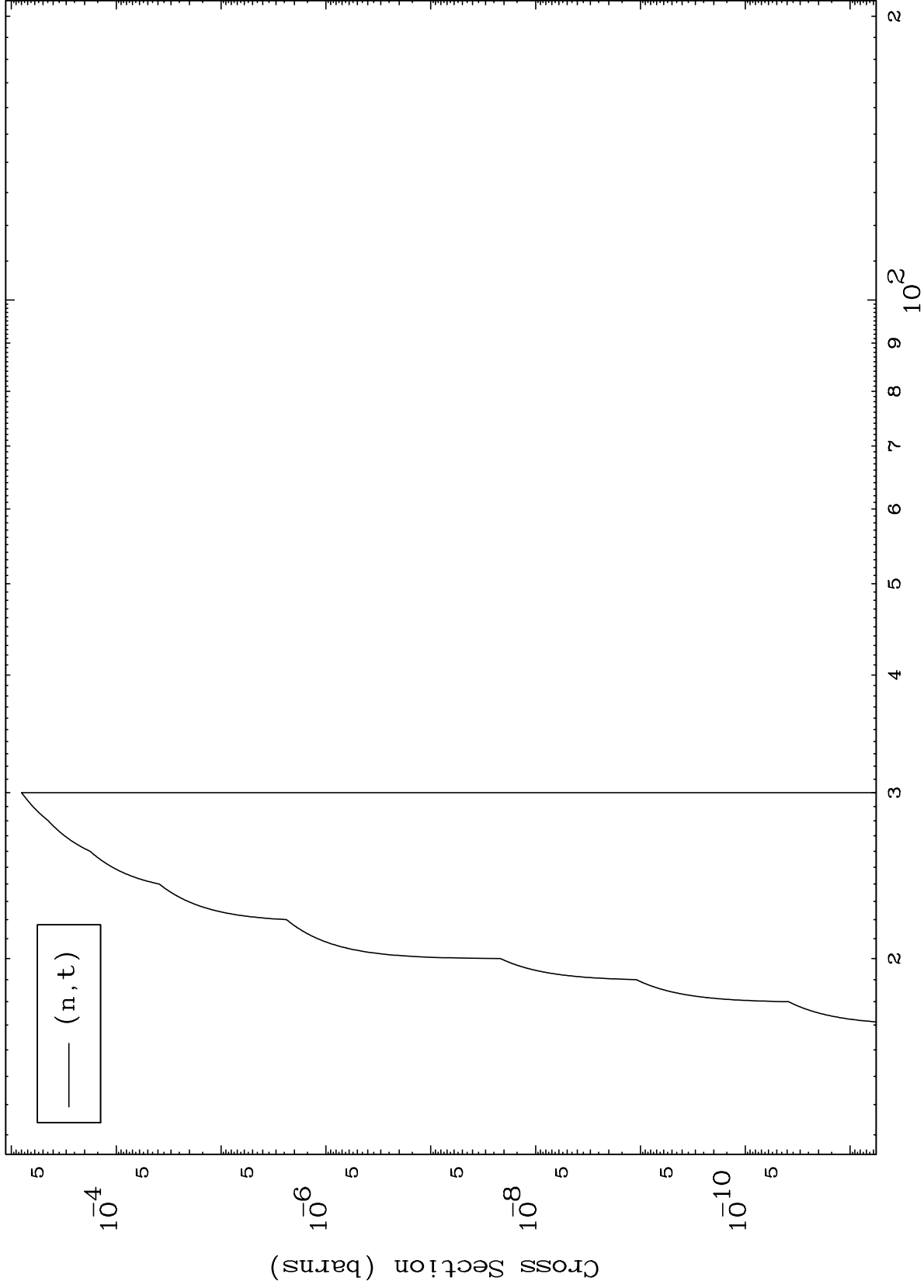
62-Sm-137



8

Incident Energy (MeV)

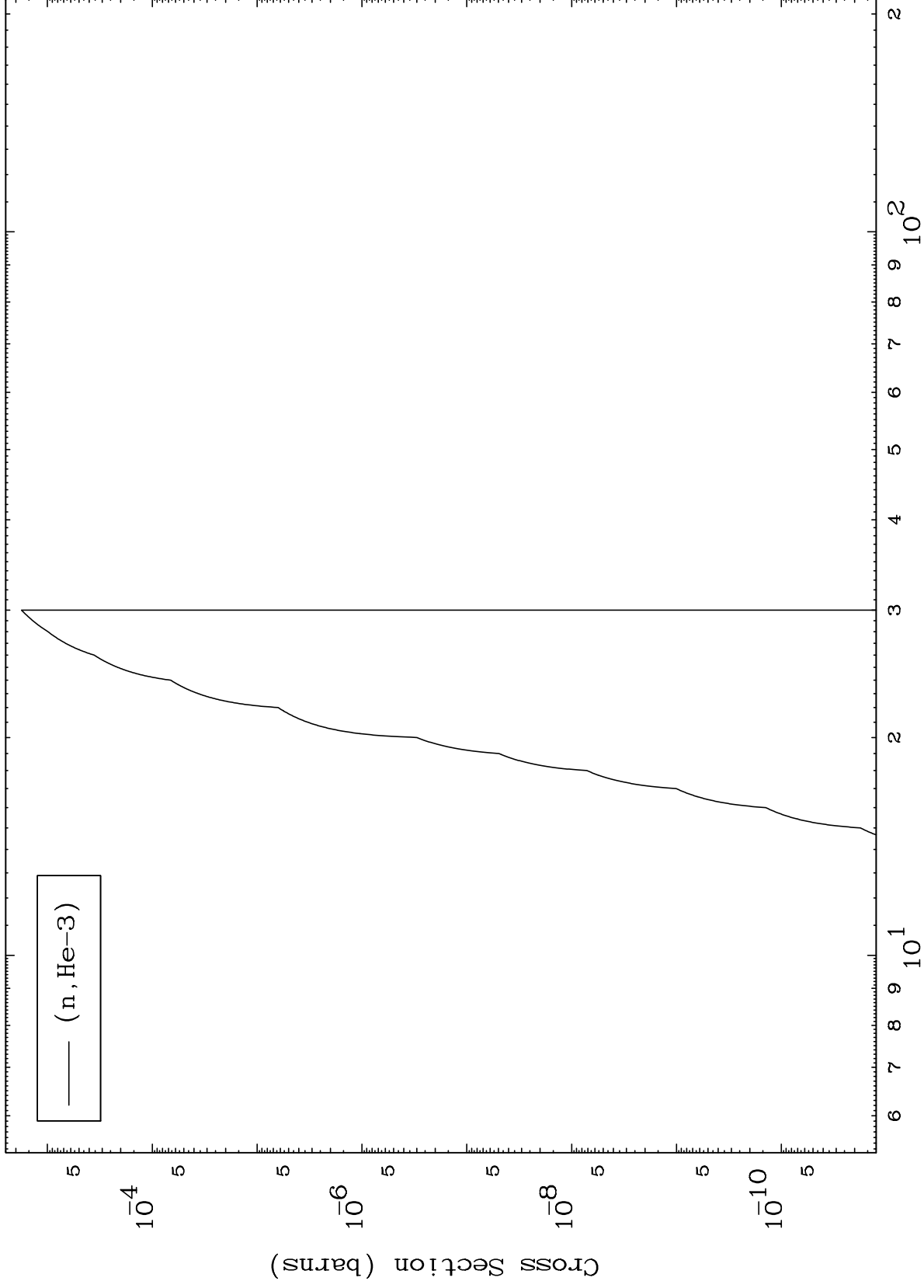
62-Sm-137



MAT 6204

(p,He3) Levels  
0 Kelvin Cross Sections

62-Sm-137



10

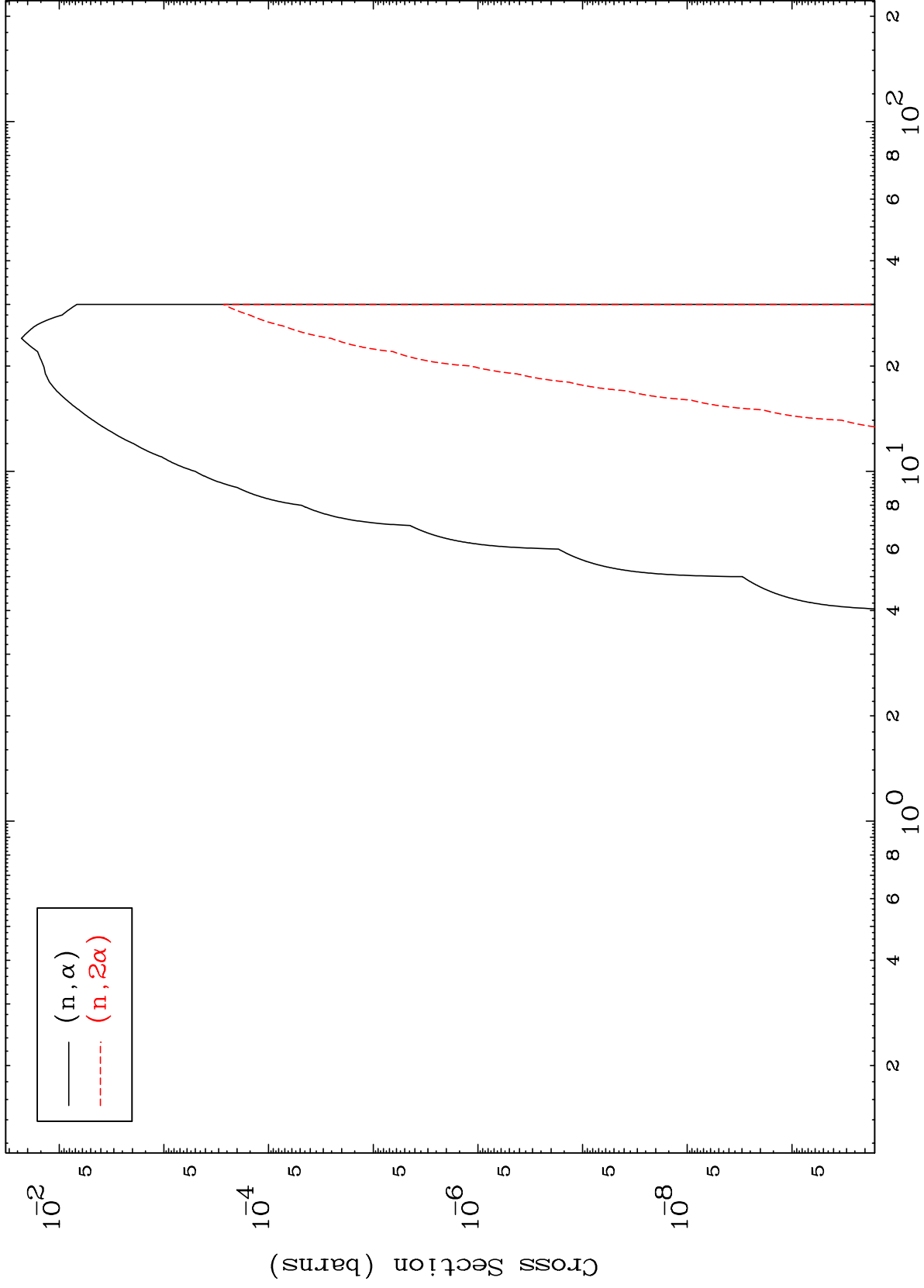
Incident Energy (MeV)

62-Sm-137

MAT 6204

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

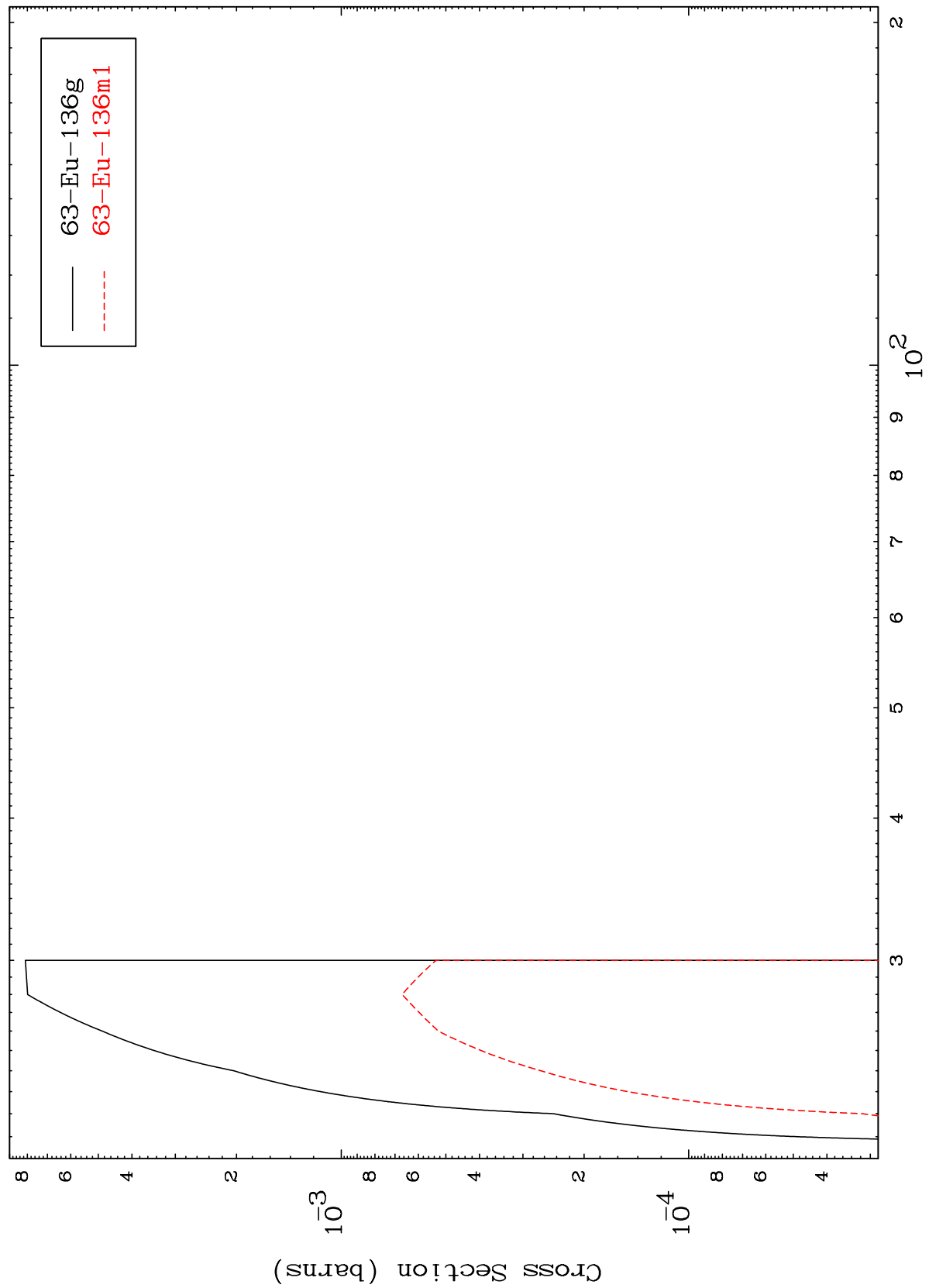
62-Sm-137



MAT 6204

62-Sm-137

(n,2n)  
Radionuclide Production Cross Section



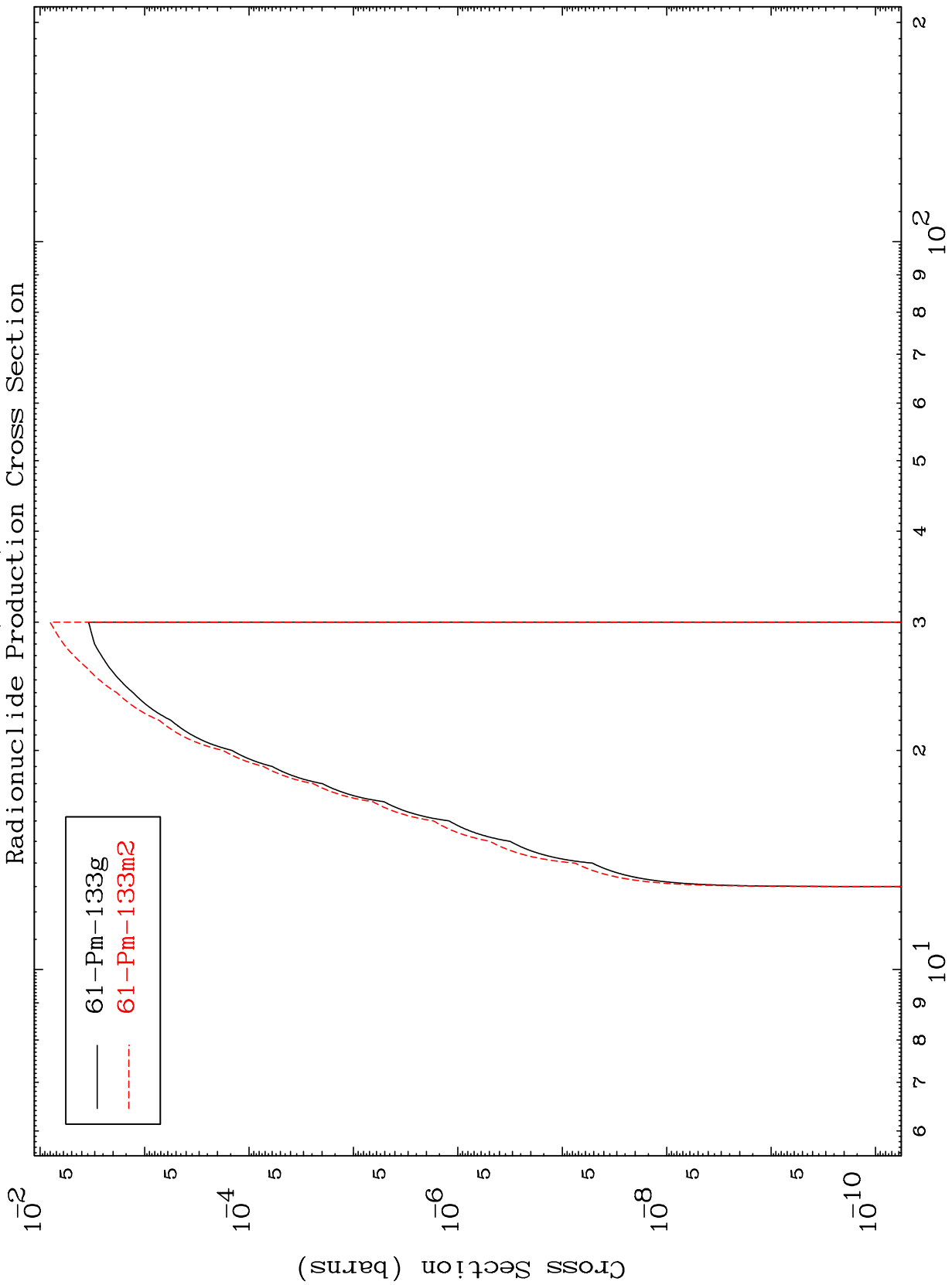
12

62-Sm-137

MAT 6204

62-Sm-137

(n,n')  $\alpha$



13

Incident Energy (MeV)

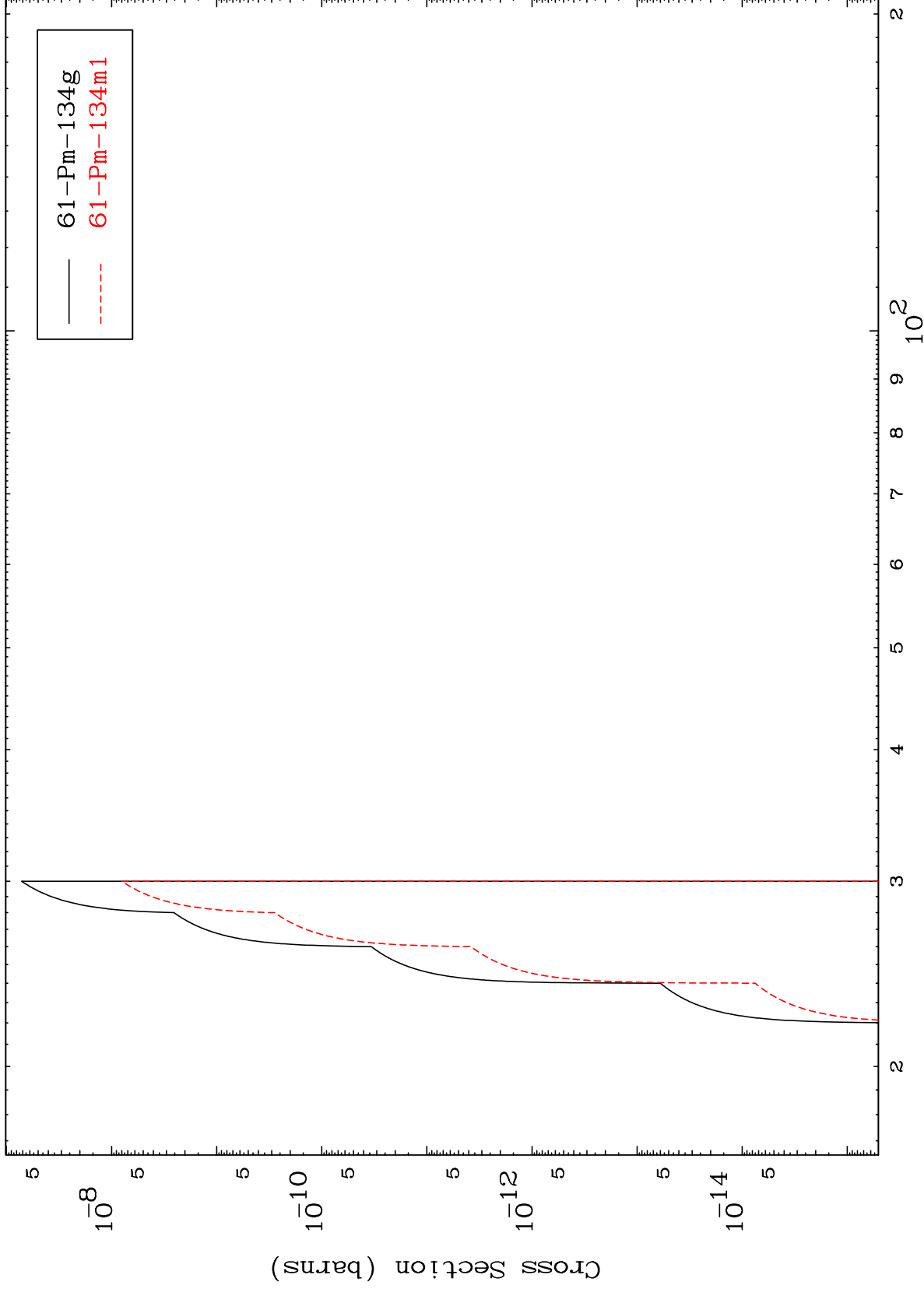
62-Sm-137

MAT 6204

(n,n') He-3

62-Sm-137

Radionuclide Production Cross Section



14

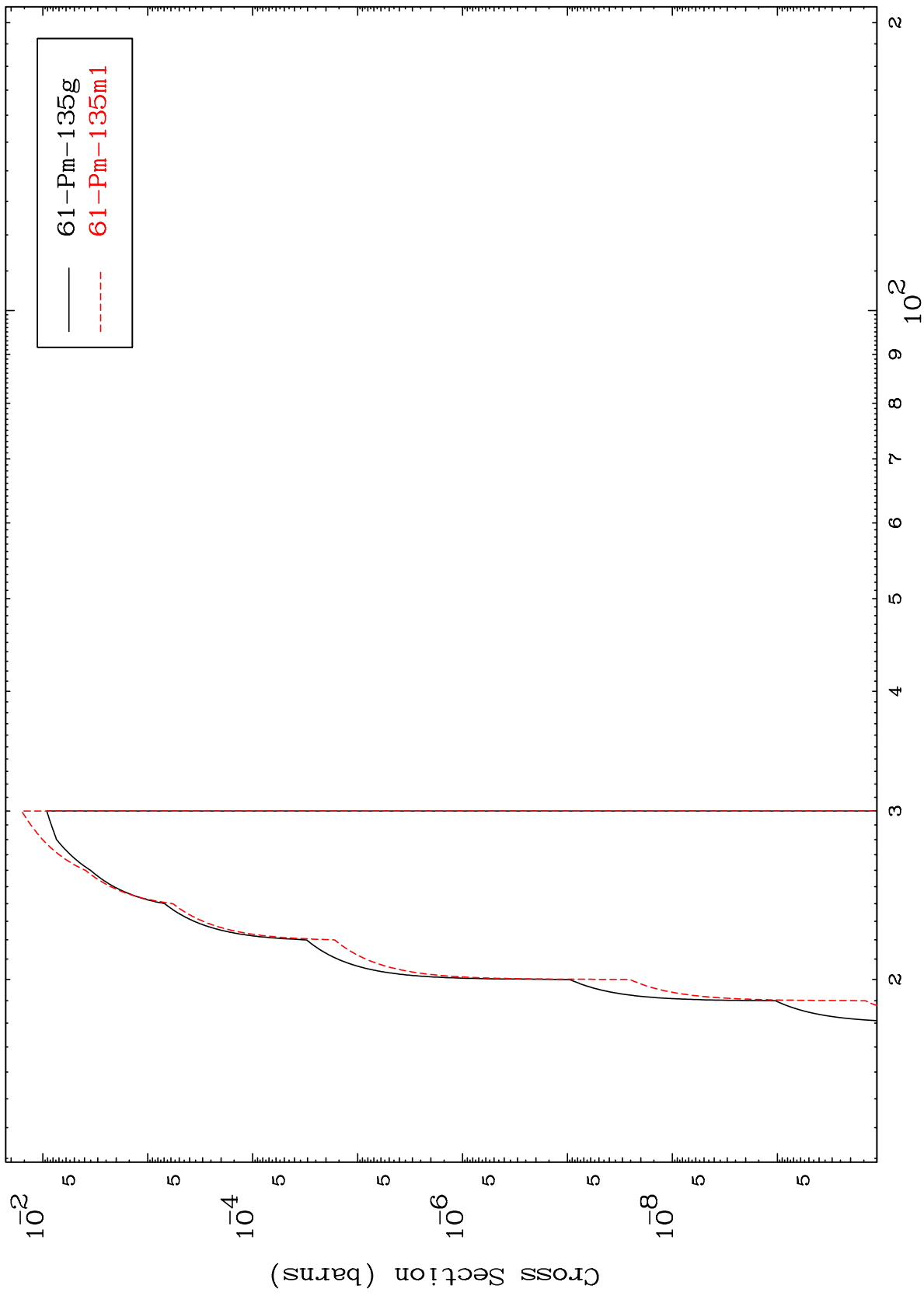
Incident Energy (MeV)

62-Sm-137

MAT 6204

62-Sm-137

(n,2n) p  
Radionuclide Production Cross Section



15

Incident Energy (MeV)

62-Sm-137

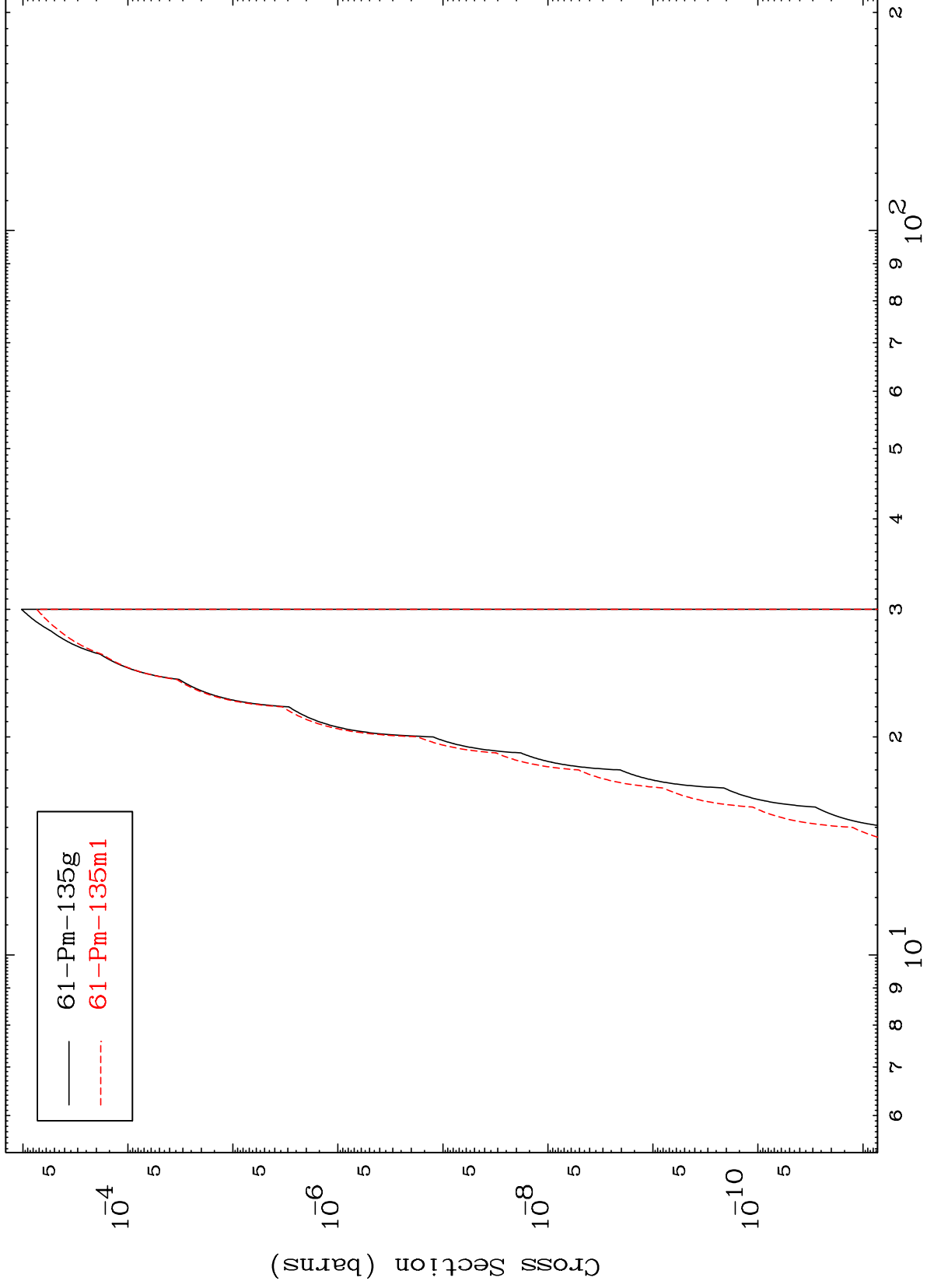


MAT 6204

(n,He-3)

62-Sm-137

Radionuclide Production Cross Section



16

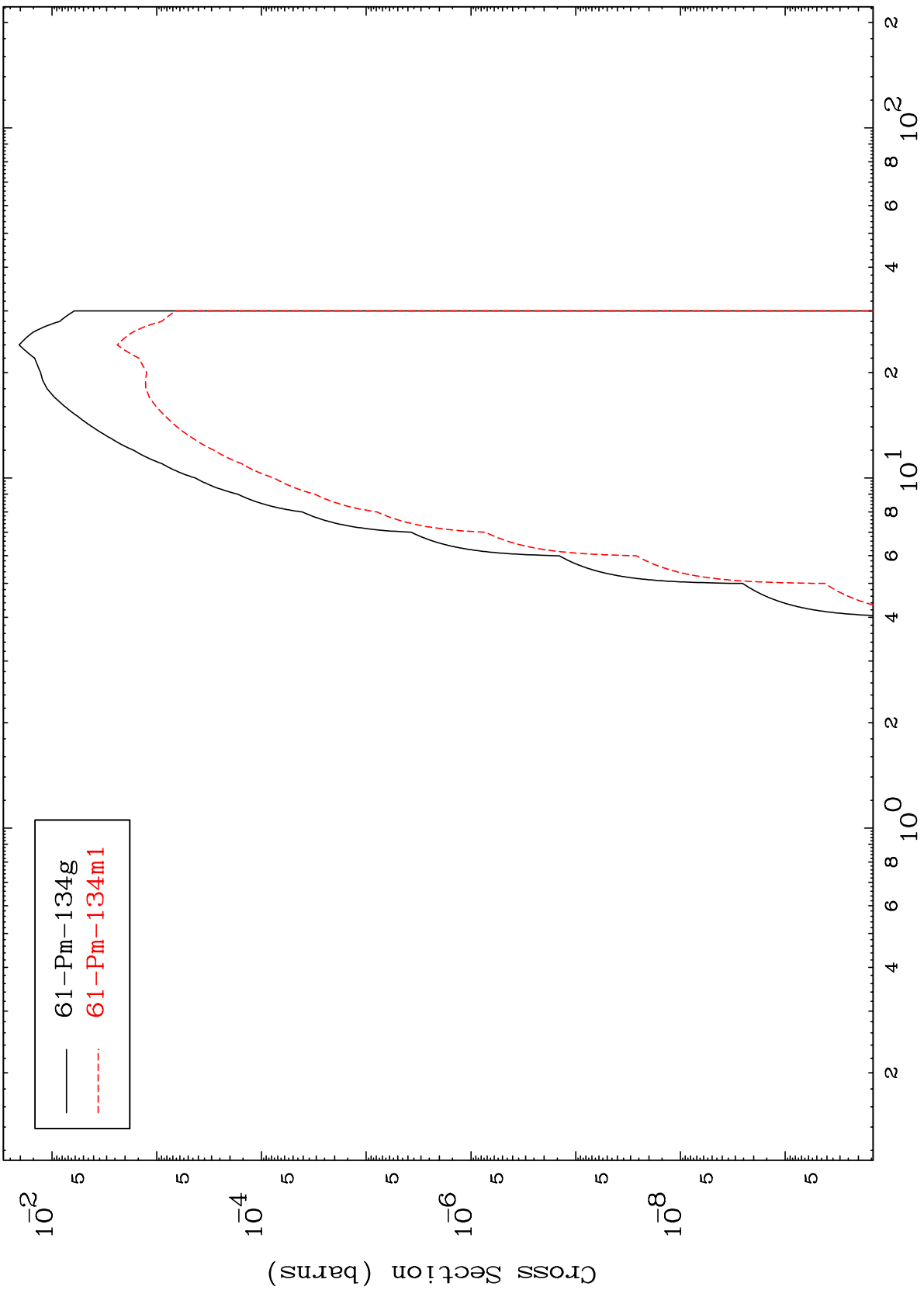
Incident Energy (MeV)

62-Sm-137

MAT 6204

62-Sm-137

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



61-Pm-134g  
61-Pm-134m1

62-Sm-137

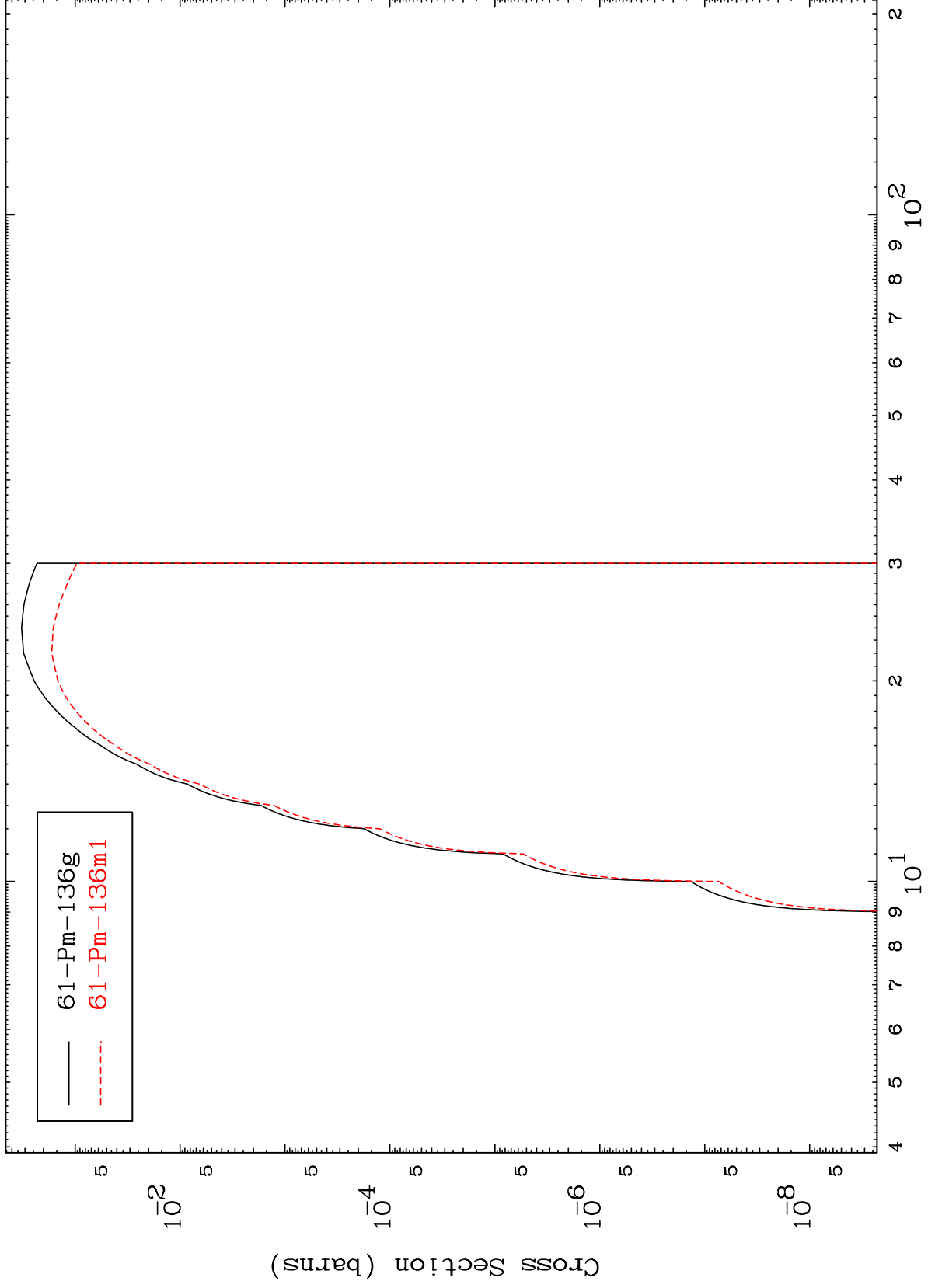
Incident Energy (MeV)

17

MAT 6204

62-Sm-137

(n,2p)  
Radionuclide Production Cross Section



— 61-Pm-136g  
- - - 61-Pm-136m1

18

Incident Energy (MeV)

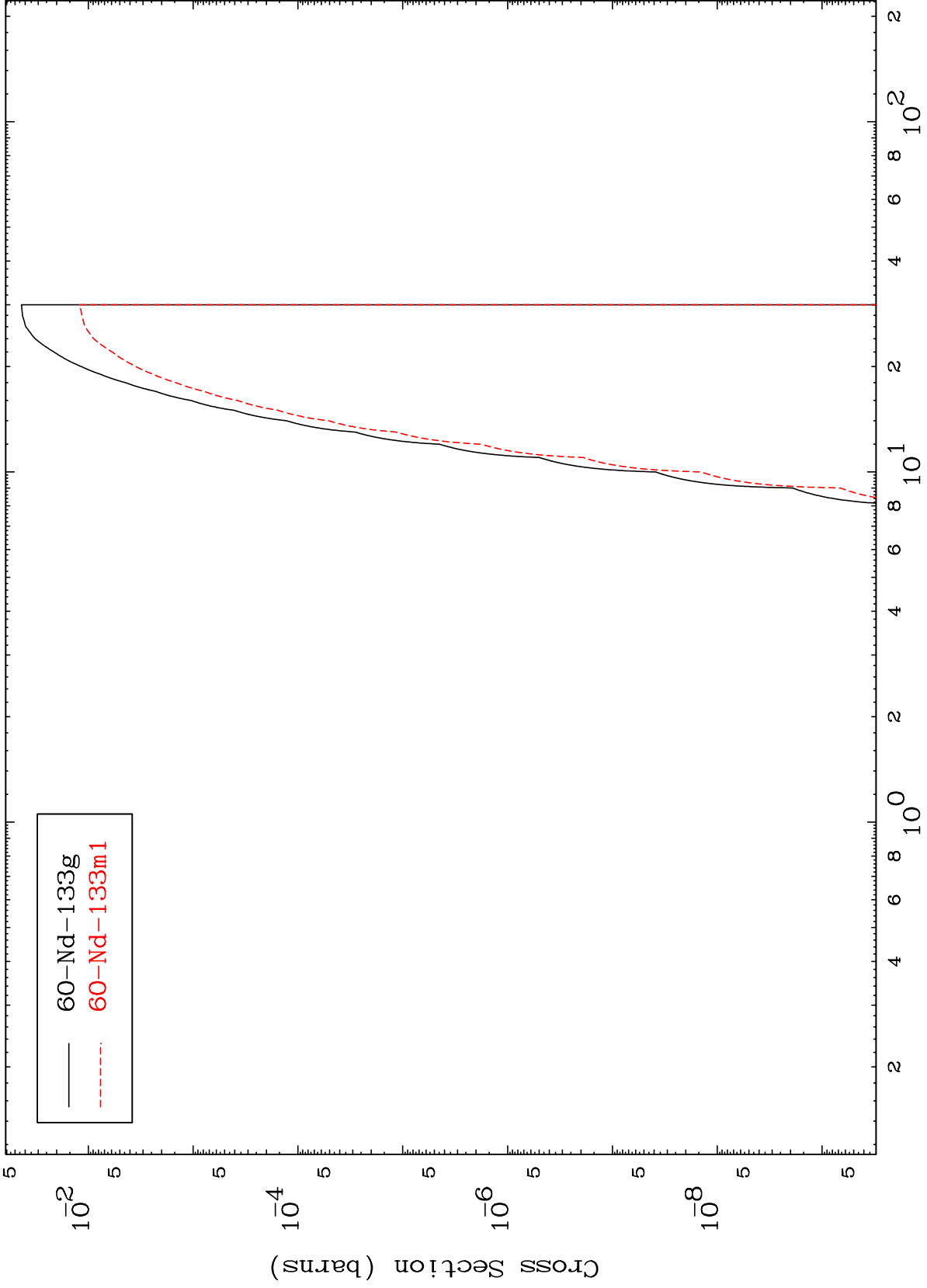
62-Sm-137

MAT 6204

(n,p)  $\alpha$

62-Sm-137

Radionuclide Production Cross Section

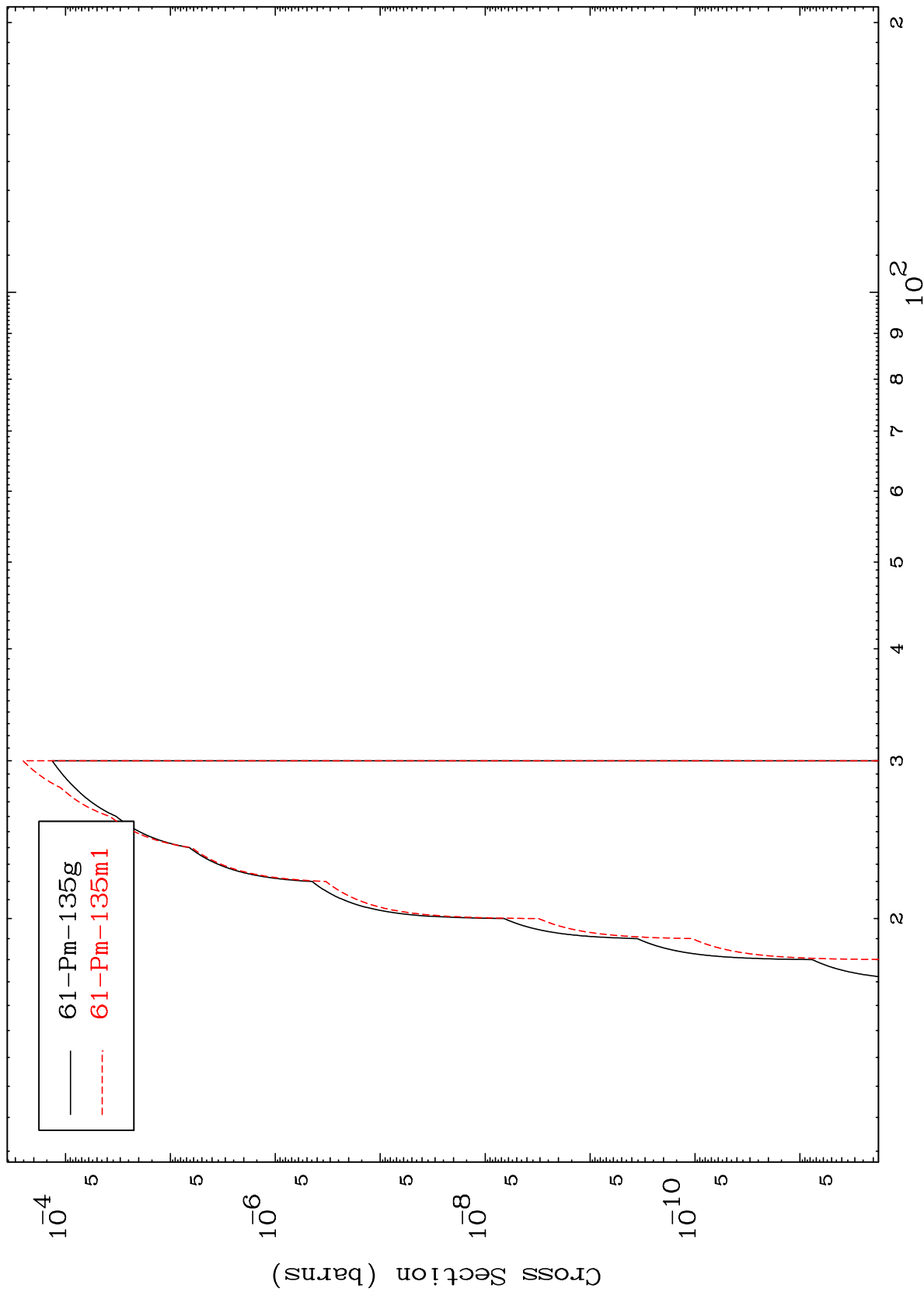


19

Incident Energy (MeV)

62-Sm-137

Radionuclide Production Cross Section



Radionuclide Production Cross Section

