

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

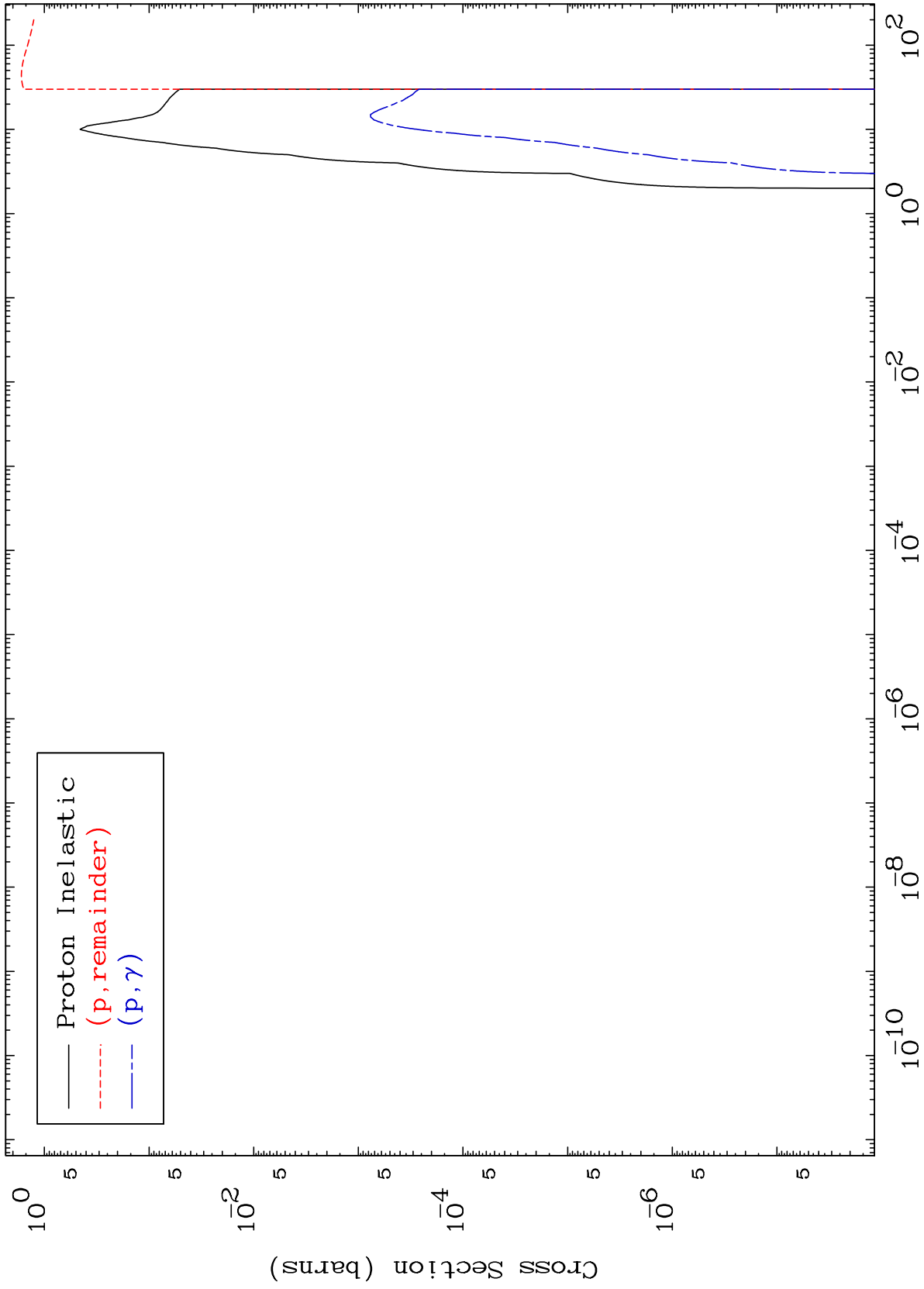
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5840

Proton Major  
0 Kelvin Cross Sections

58-Ce-141



1

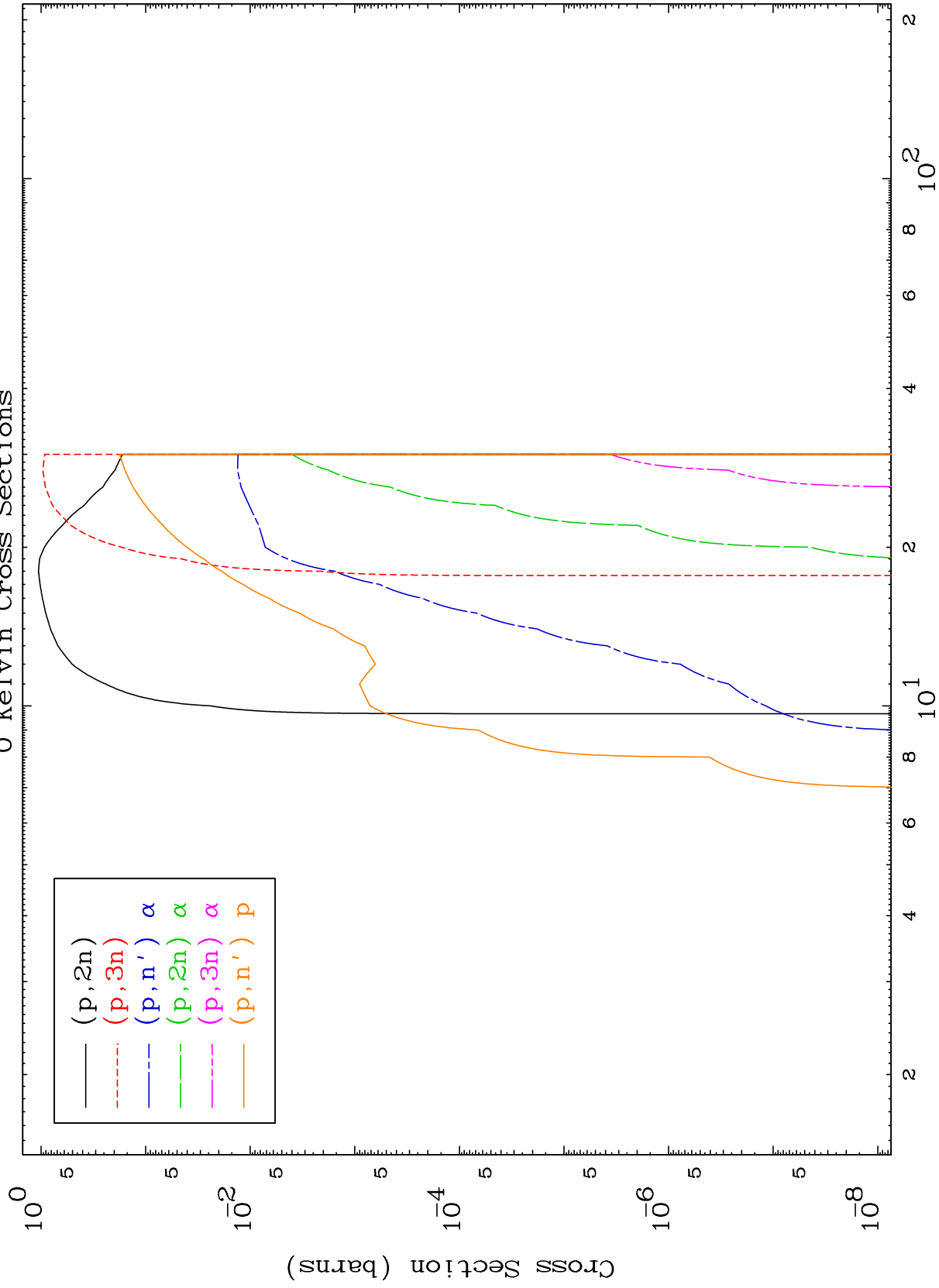
Incident Energy (MeV)

58-Ce-141

MAT 5840

Proton Neutron Production  
0 Kelvin Cross Sections

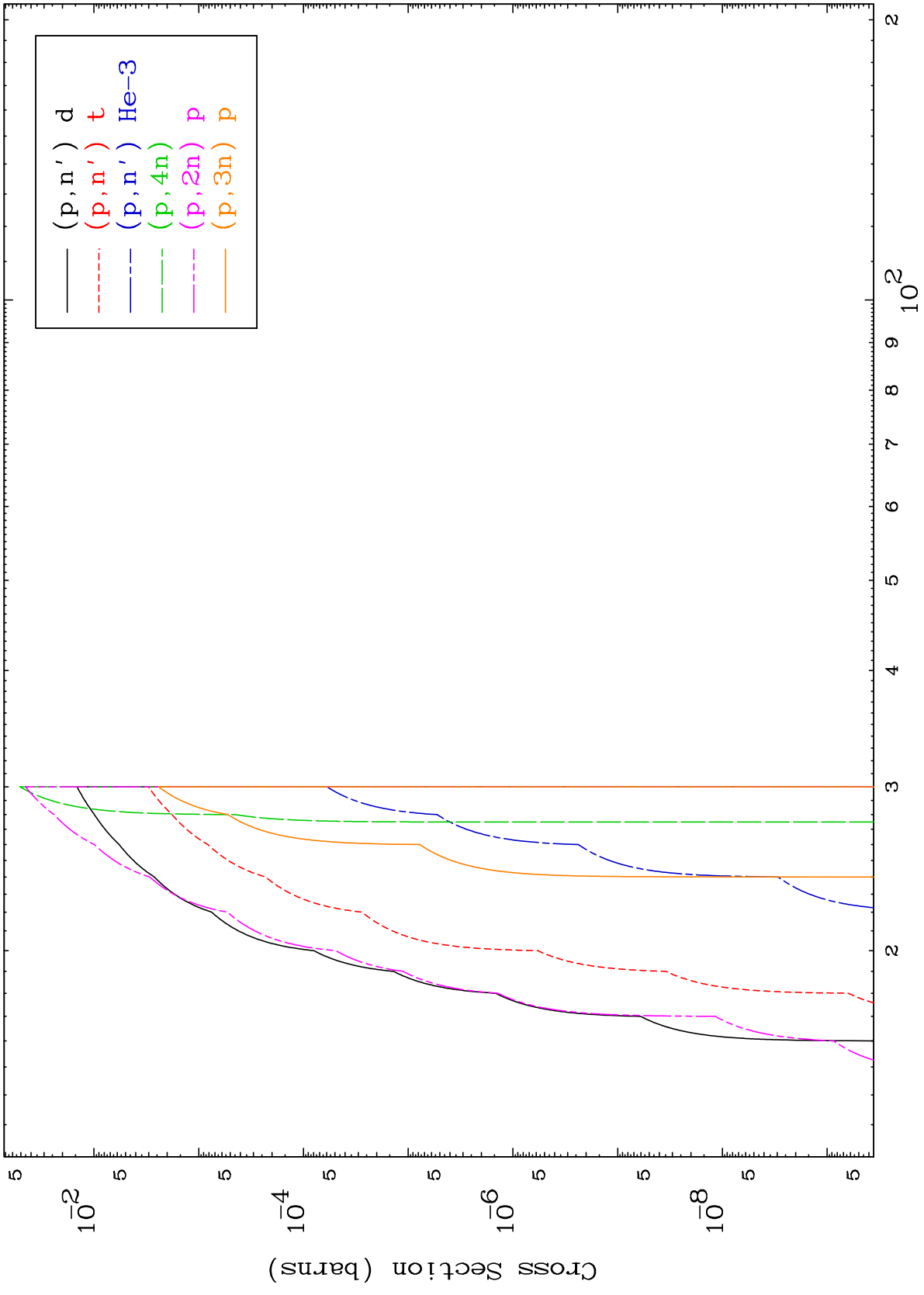
58-Ce-141



2

Incident Energy (MeV)

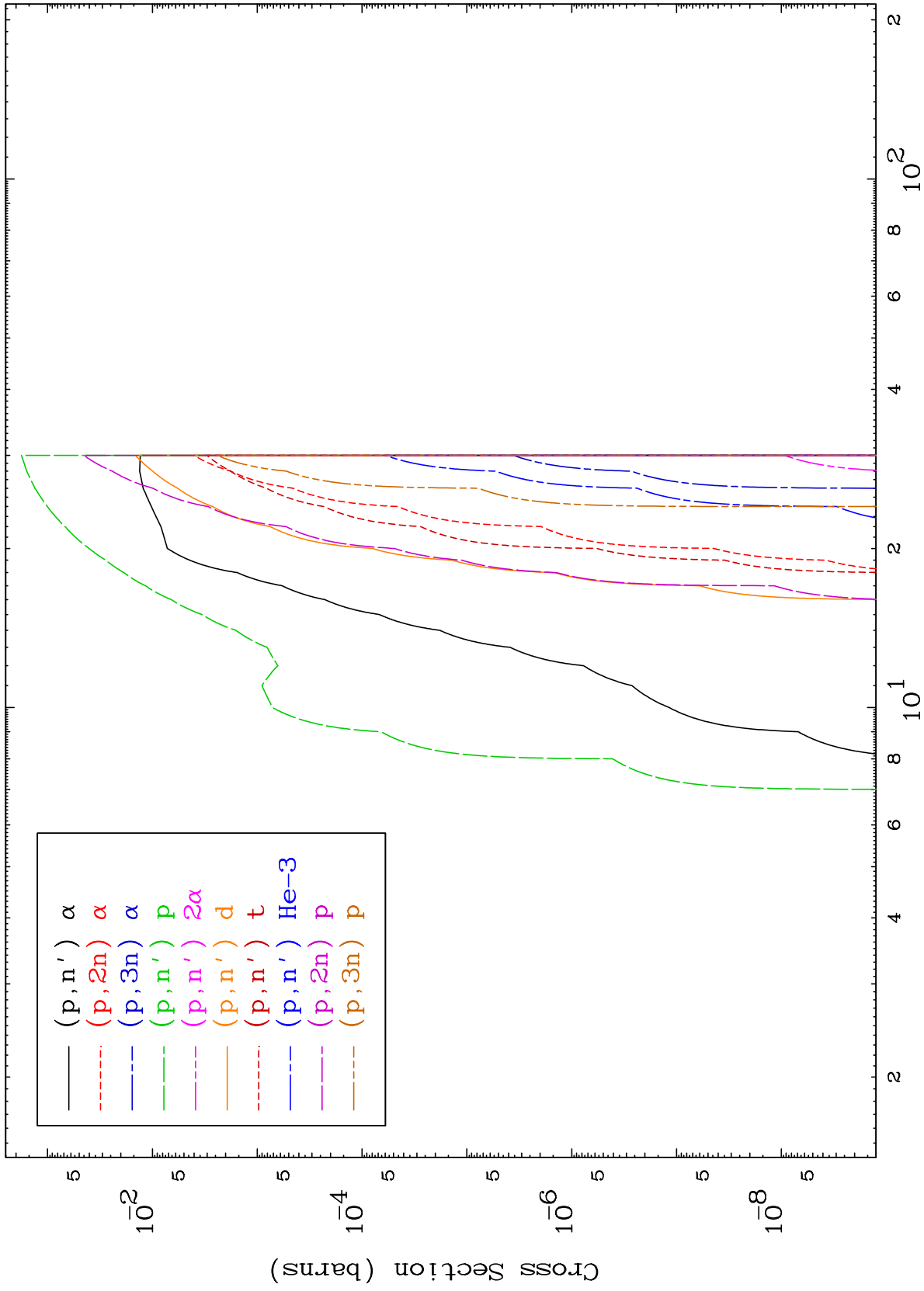
58-Ce-141



MAT 5840

Proton Charged Particle  
0 Kelvin Cross Sections

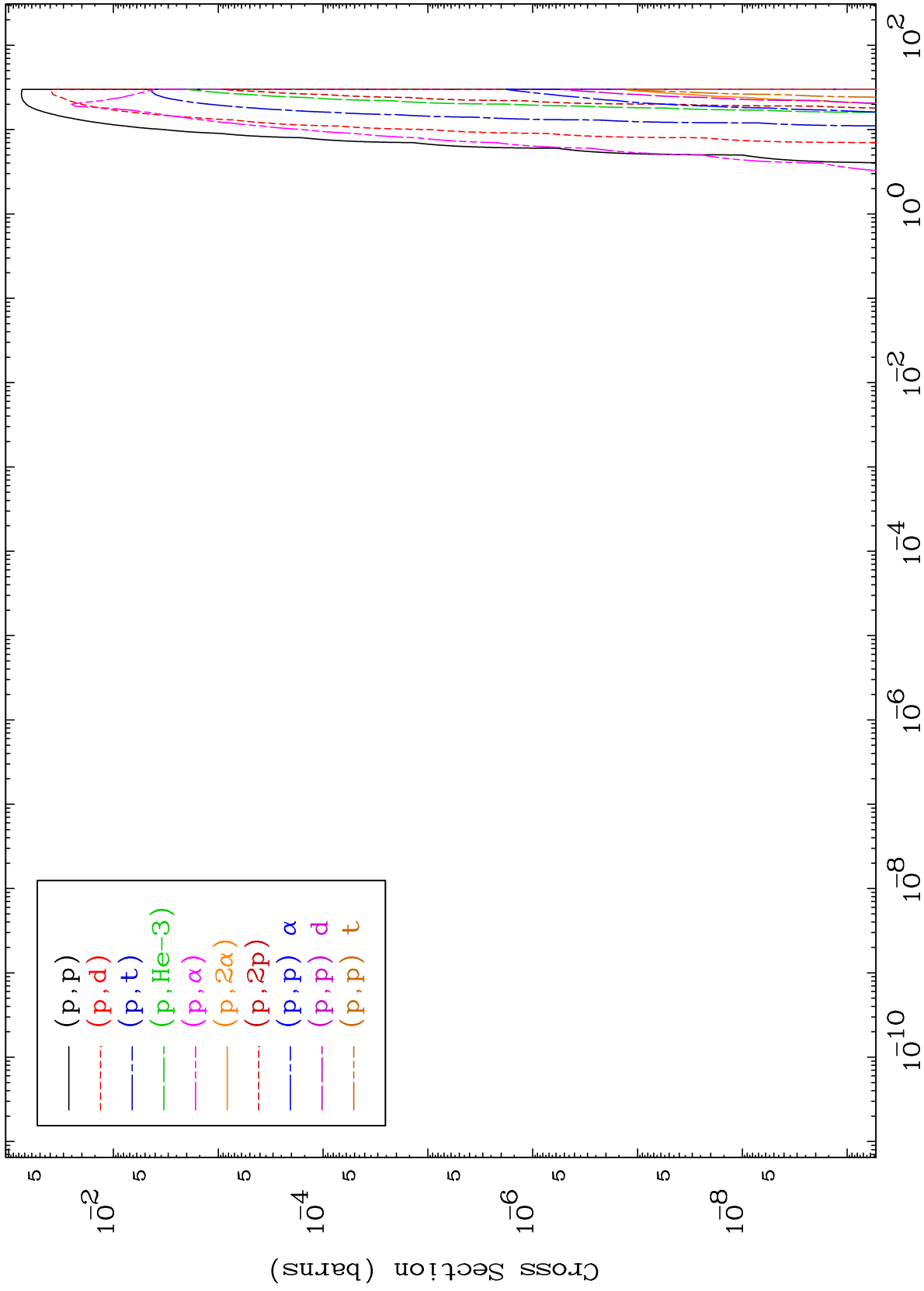
58-Ce-141



MAT 5840

Proton Charged Particle  
0 Kelvin Cross Sections

58-Ce-141



5

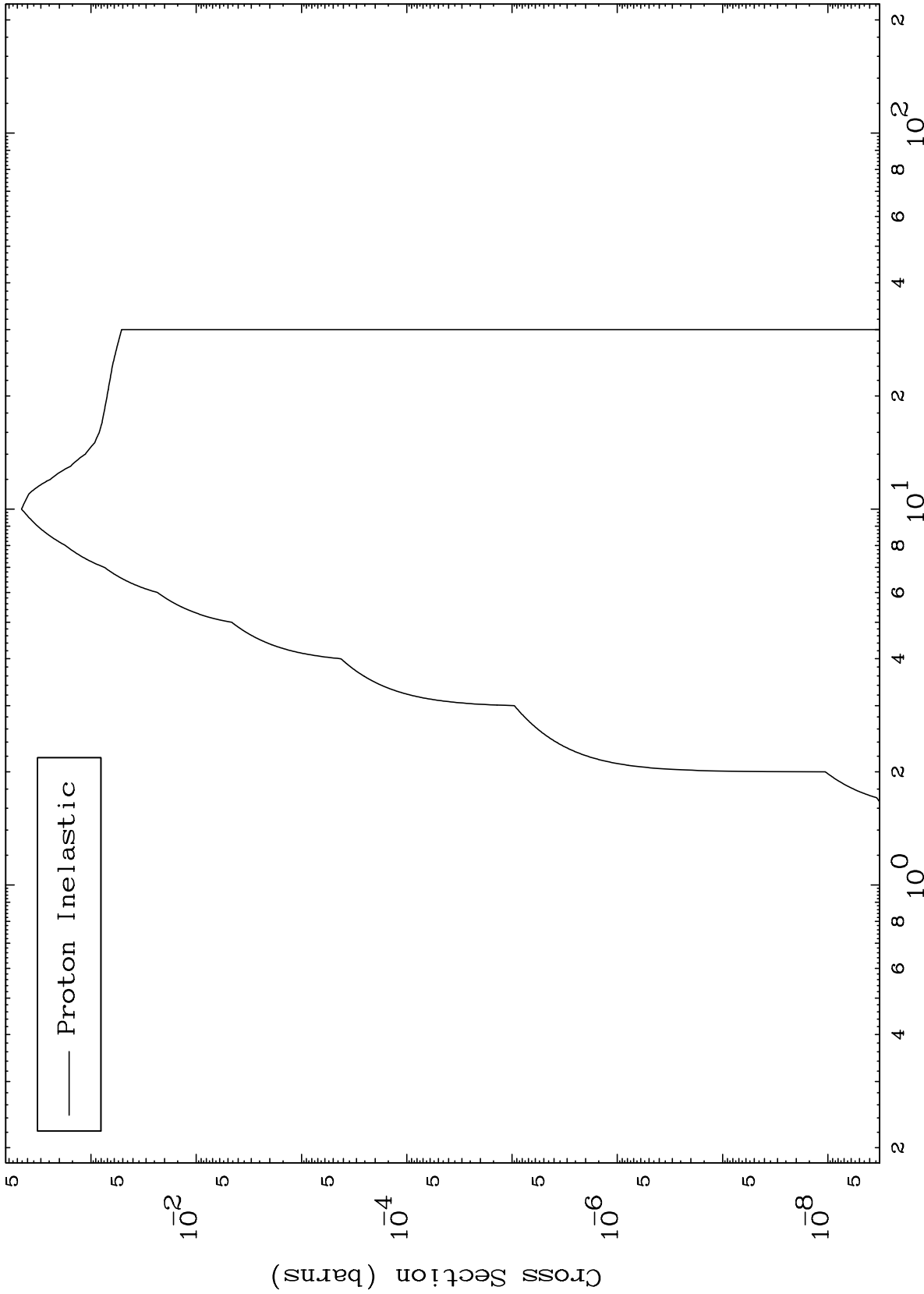
Incident Energy (MeV)

58-Ce-141

MAT 5840

58-Ce-141

(p,n') Level  
0 Kelvin Cross Sections



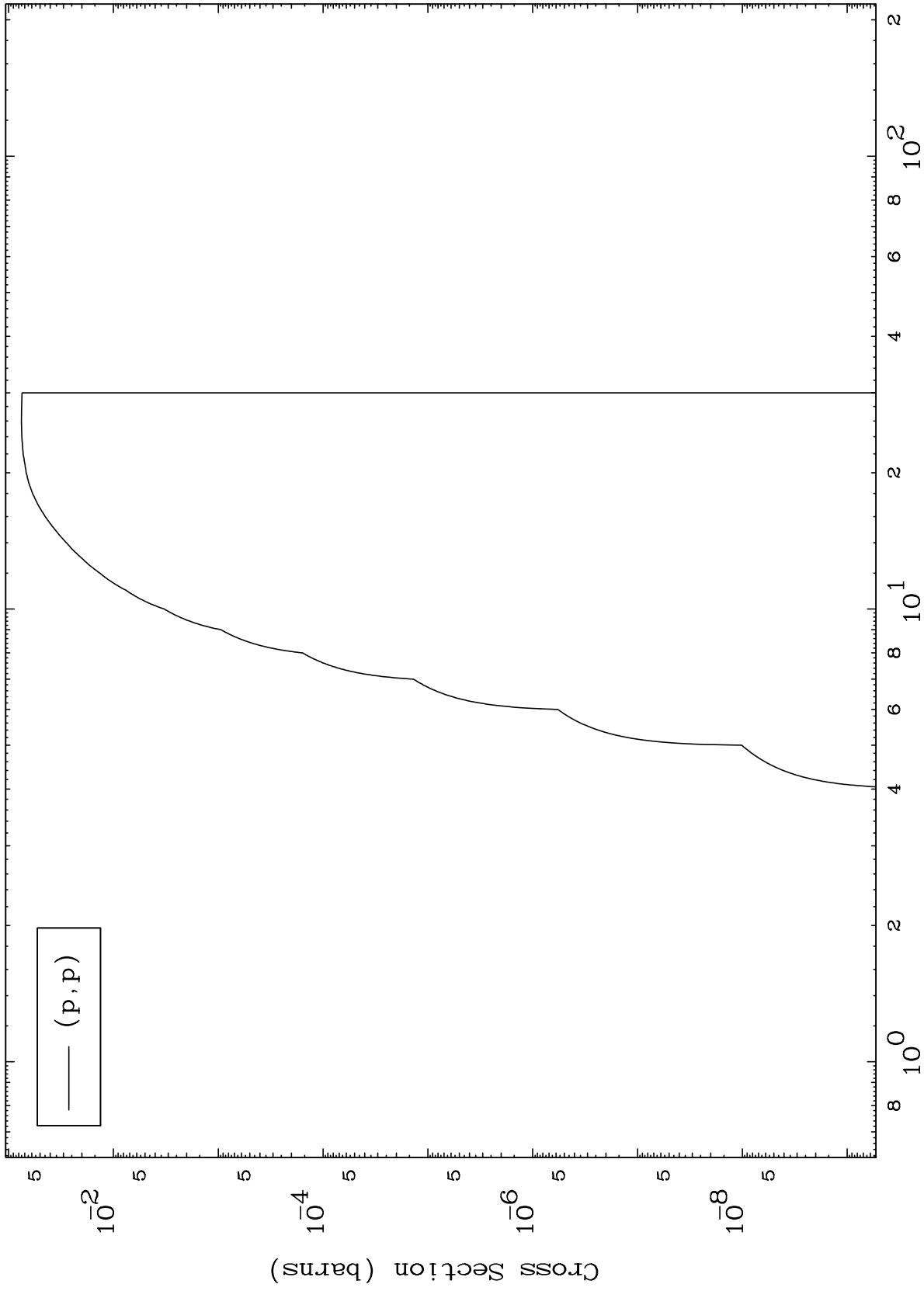
6

58-Ce-141

MAT 5840

(p,p) Levels  
0 Kelvin Cross Sections

58-Ce-141



7

Incident Energy (MeV)

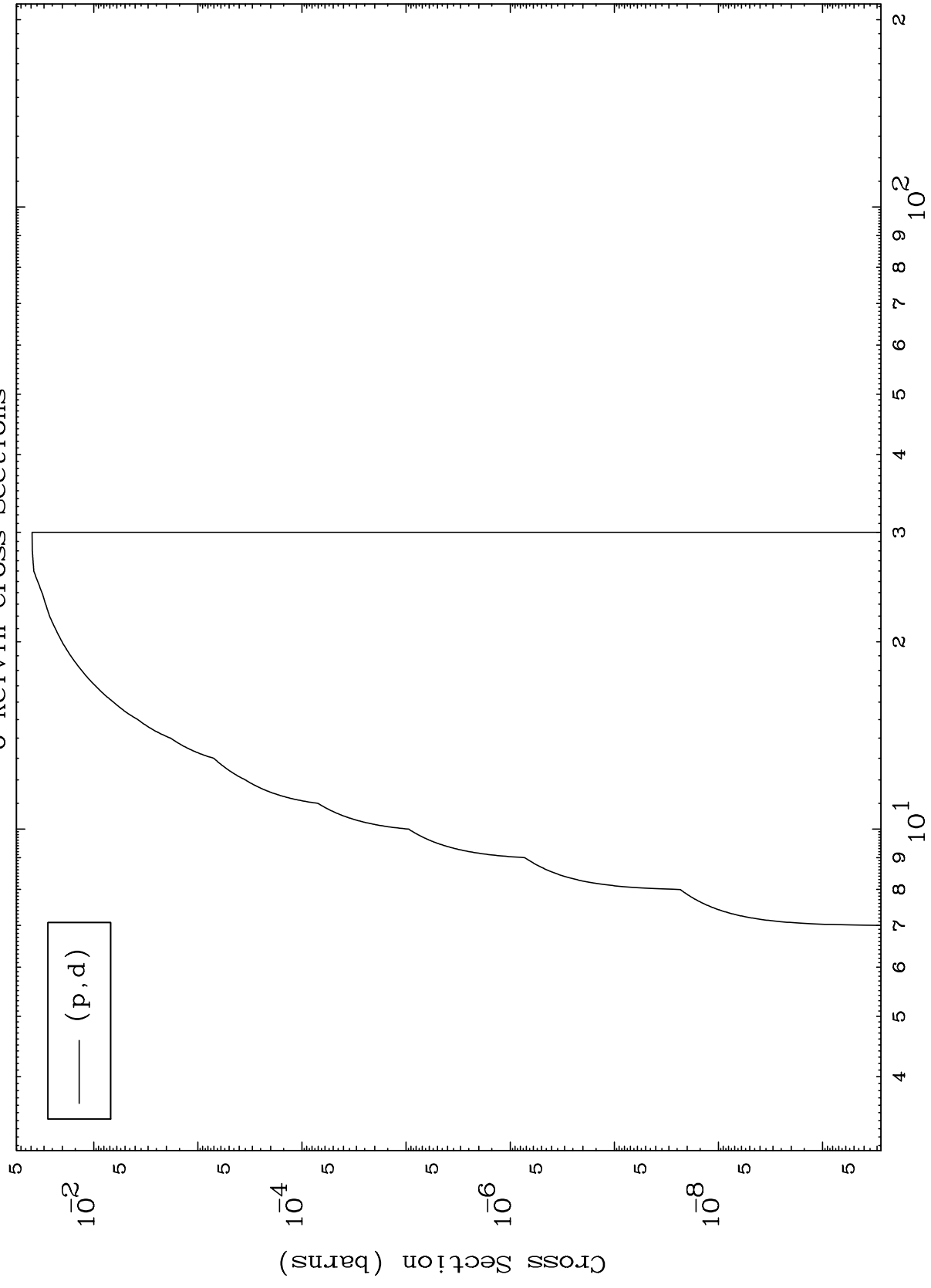
58-Ce-141



MAT 5840

(p,d) Levels  
0 Kelvin Cross Sections

58-Ce-141



8

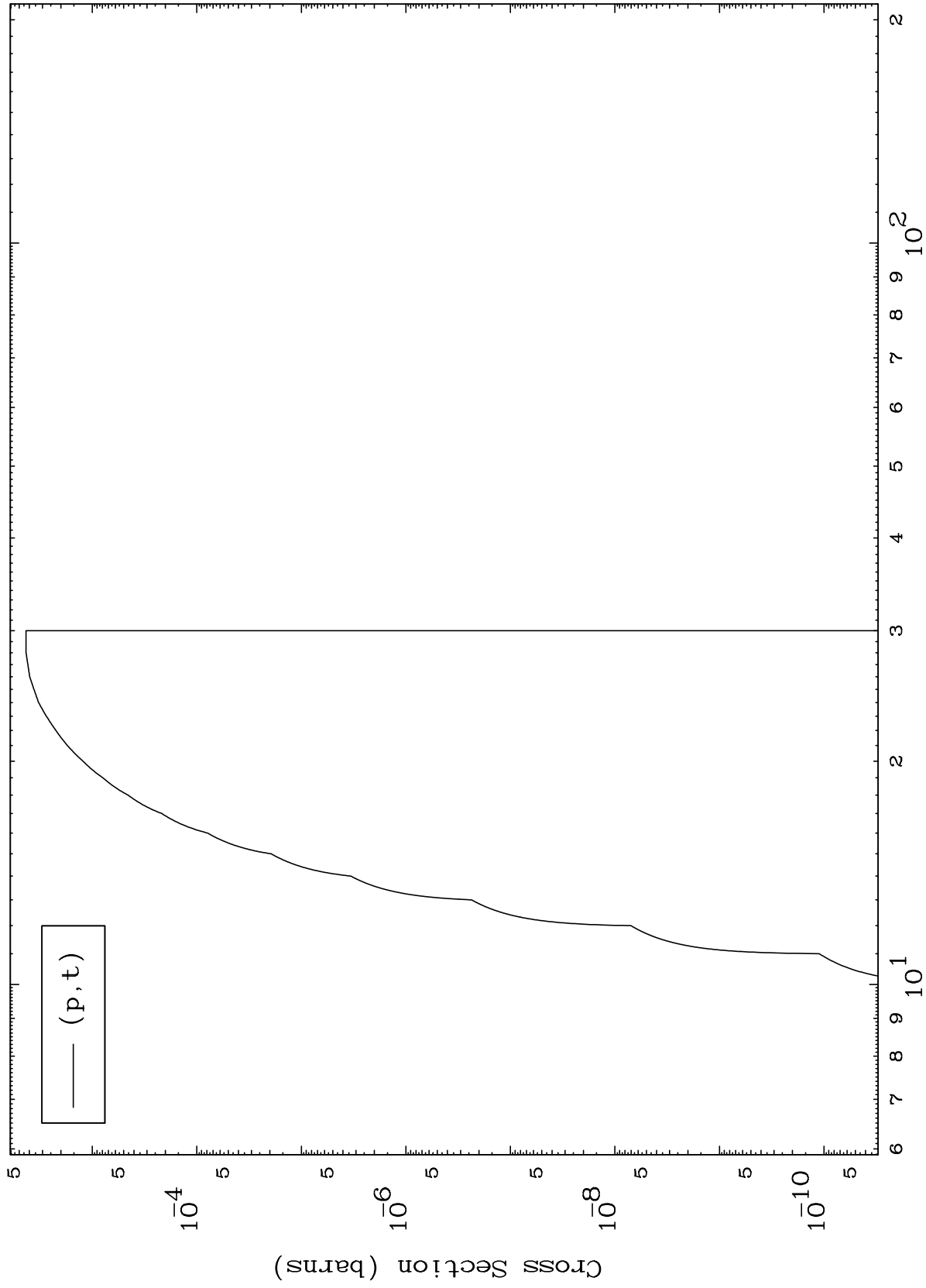
Incident Energy (MeV)

58-Ce-141

MAT 5840

(p,t) Levels  
0 Kelvin Cross Sections

58-Ce-141



9

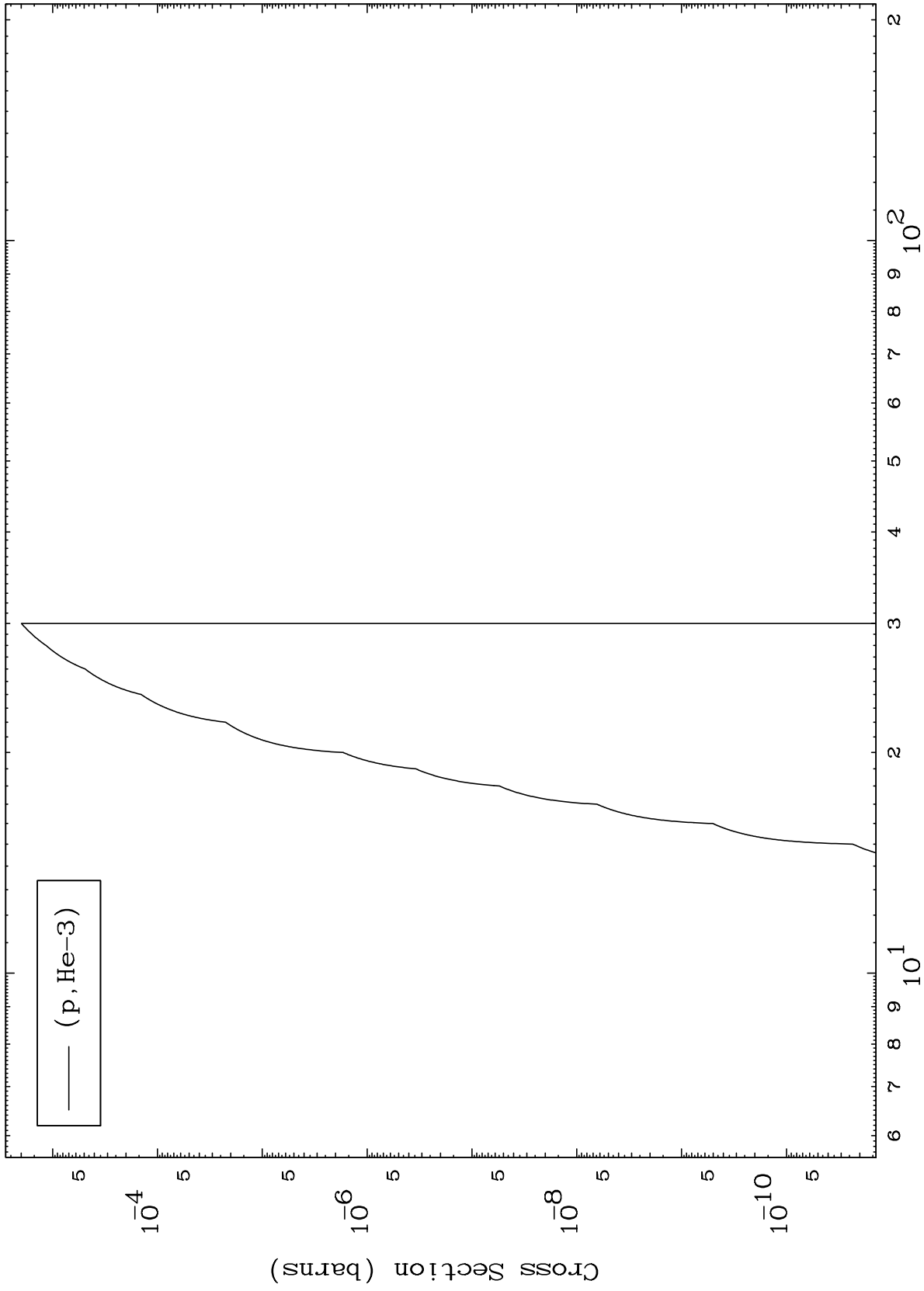
Incident Energy (MeV)

58-Ce-141

MAT 5840

(p,He3) Levels  
0 Kelvin Cross Sections

58-Ce-141



10

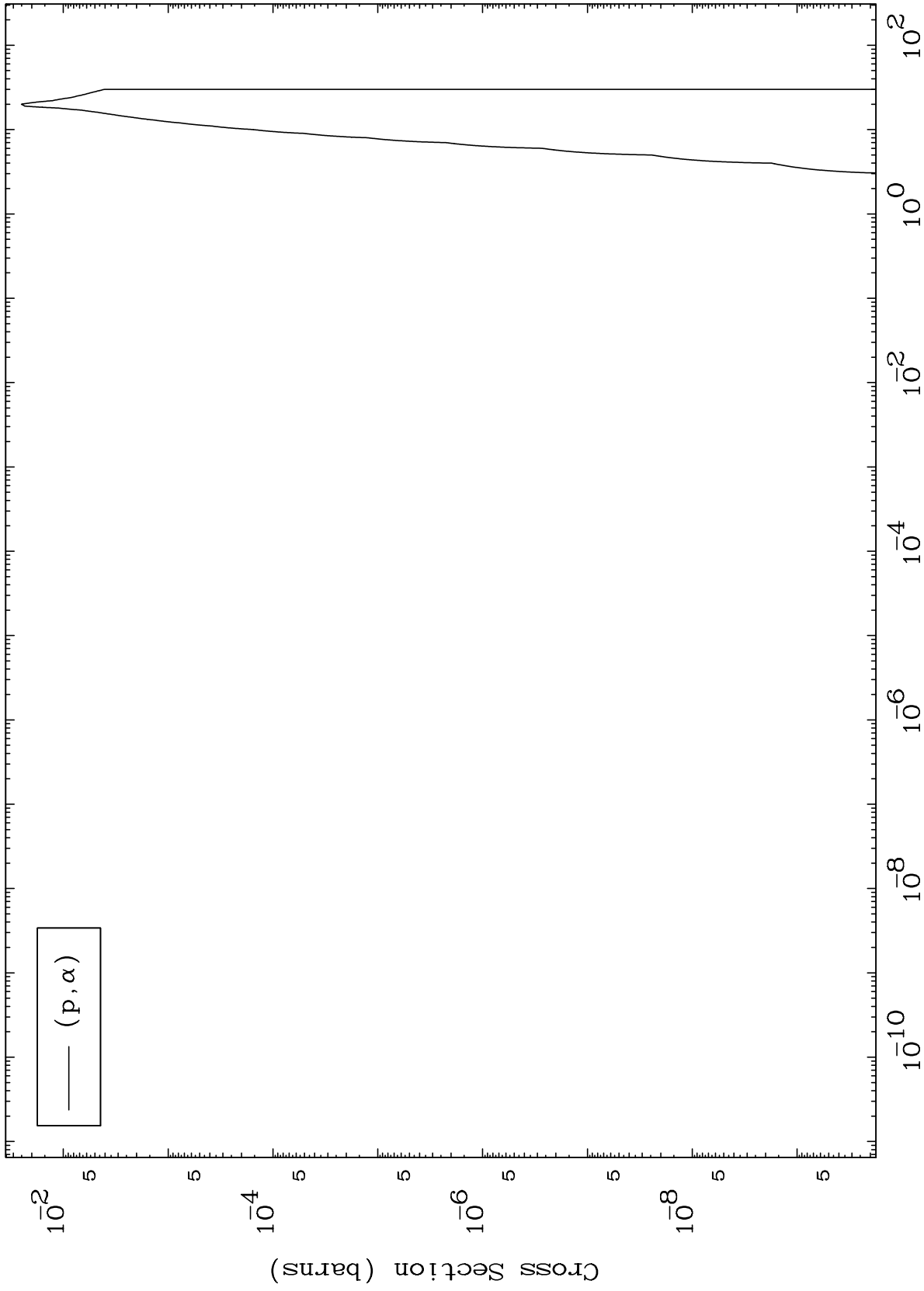
Incident Energy (MeV)

58-Ce-141

MAT 5840

(p,α) Levels  
0 Kelvin Cross Sections

58-Ce-141



11

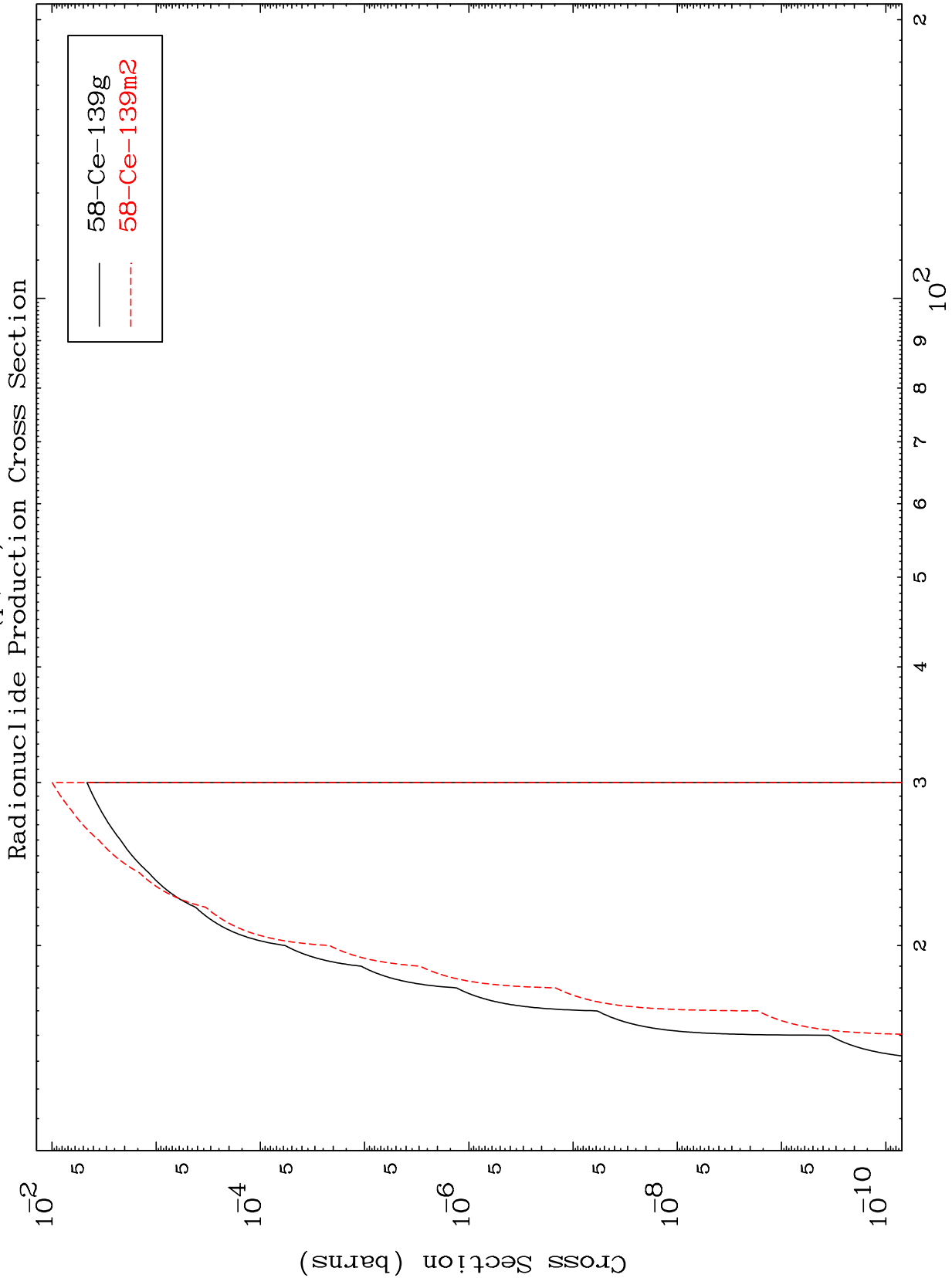
Incident Energy (MeV)

58-Ce-141

MAT 5840

(p,n') d

58-Ce-141



12

Incident Energy (MeV)

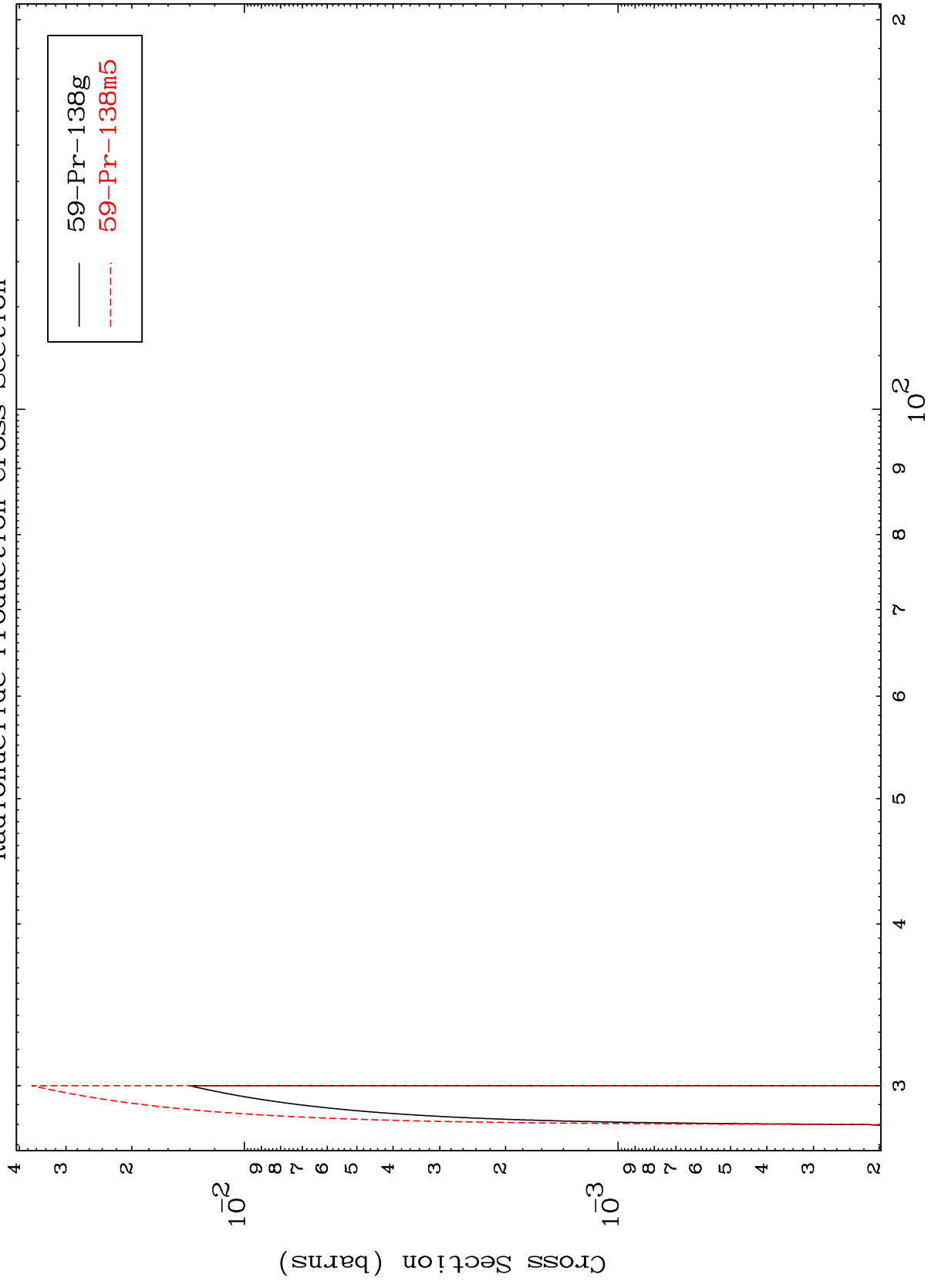
58-Ce-141

MAT 5840

(p,4n)

58-Ce-141

Radionuclide Production Cross Section



59-Pr-138g  
59-Pr-138m5

13

Incident Energy (MeV)

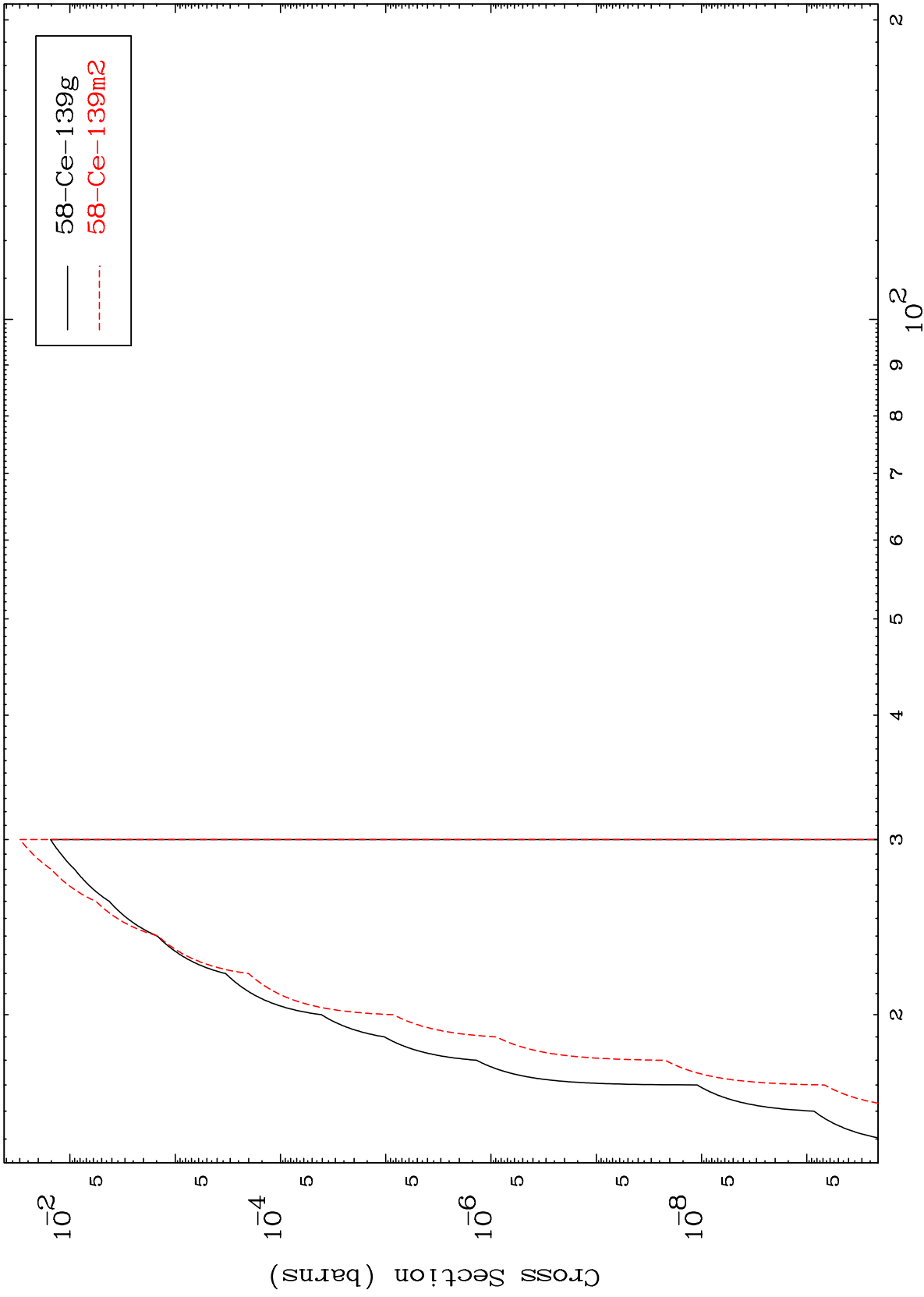
58-Ce-141

MAT 5840

(p,2n) p

58-Ce-141

Radionuclide Production Cross Section



14

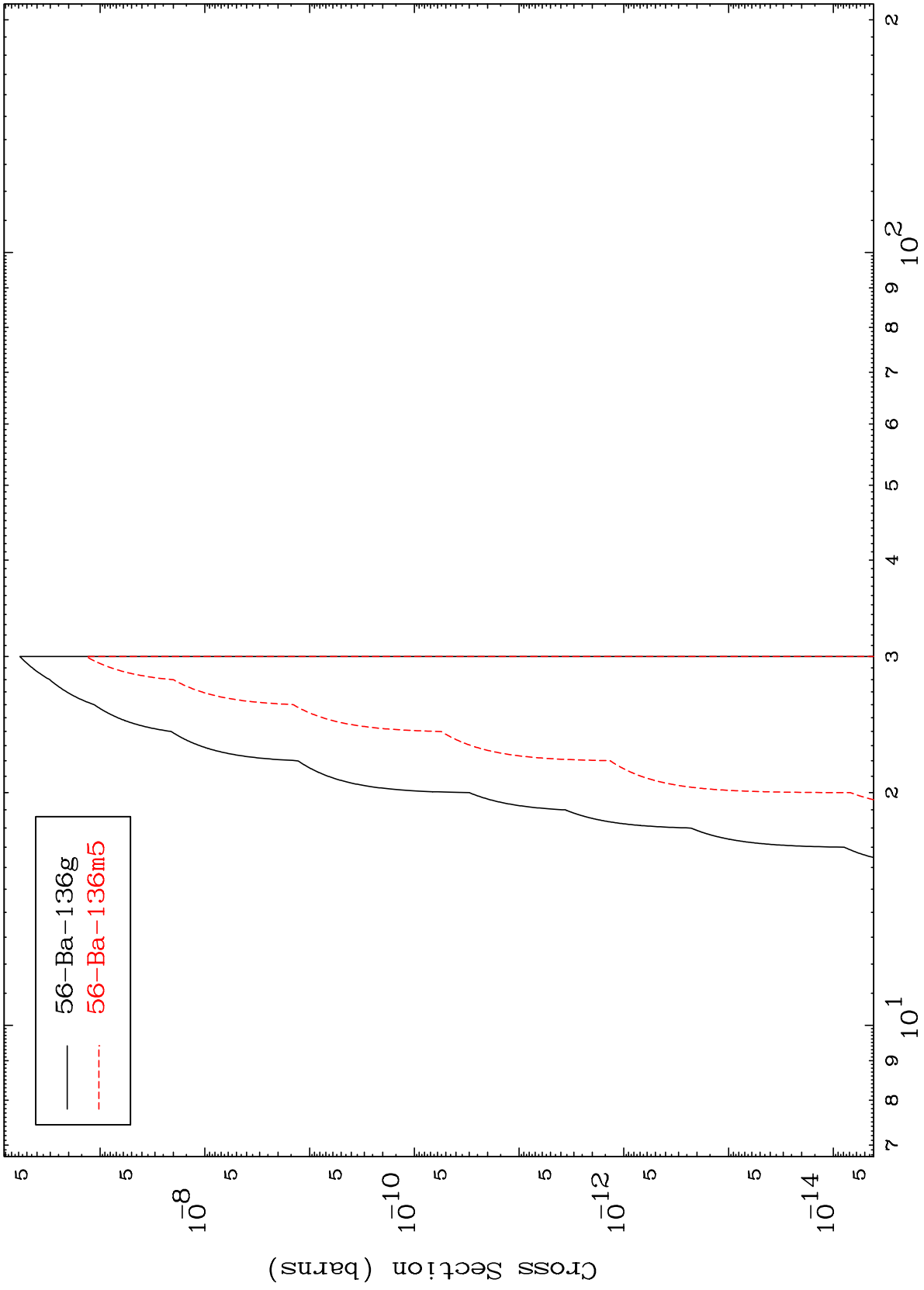
Incident Energy (MeV)

58-Ce-141

MAT 5840

58-Ce-141

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



15

Incident Energy (MeV)

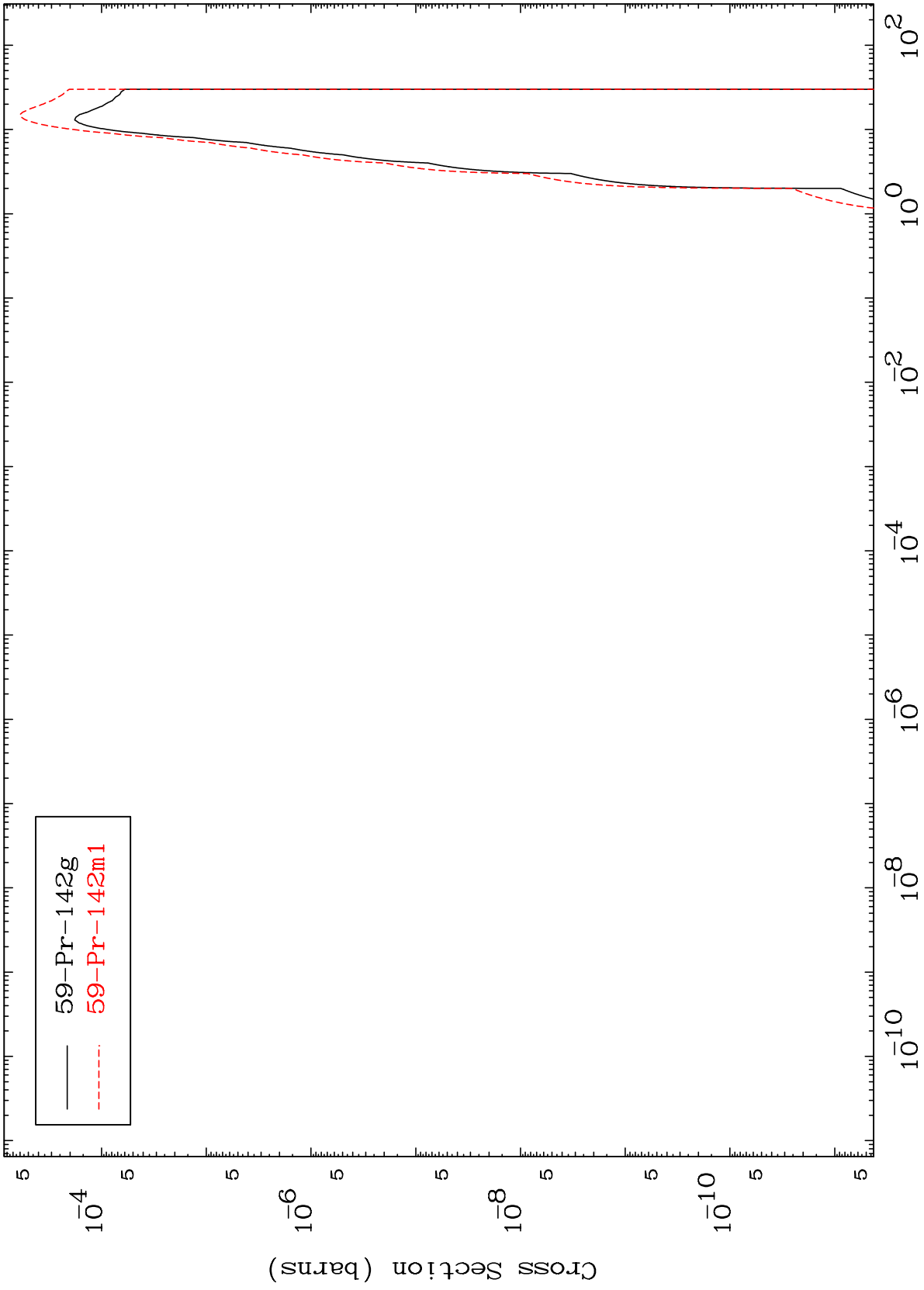
58-Ce-141



MAT 5840

Radionuclide Production Cross Section  
(p,γ)

58-Ce-141



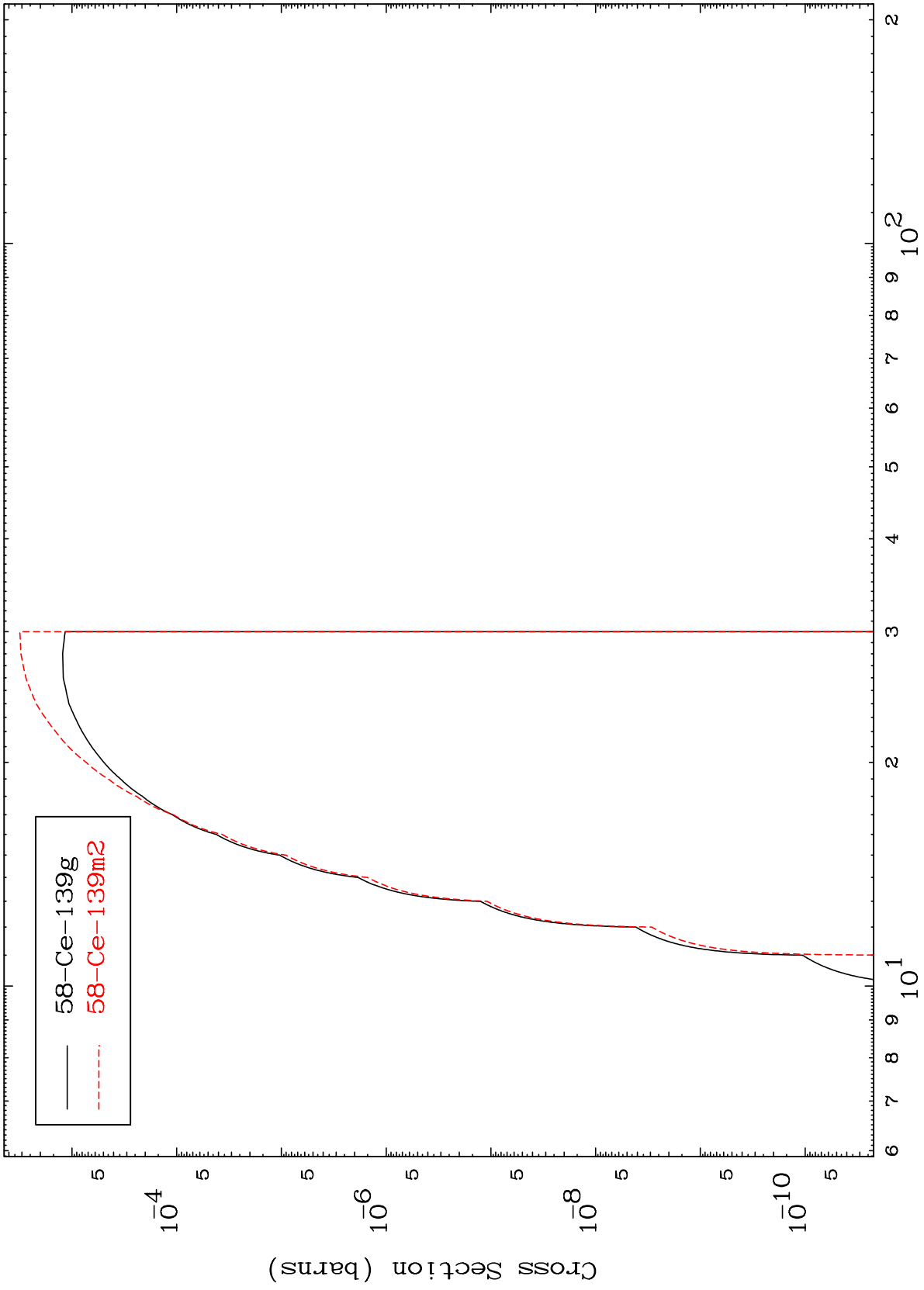
16

58-Ce-141

MAT 5840

58-Ce-141

(p,t)  
Radionuclide Production Cross Section



17

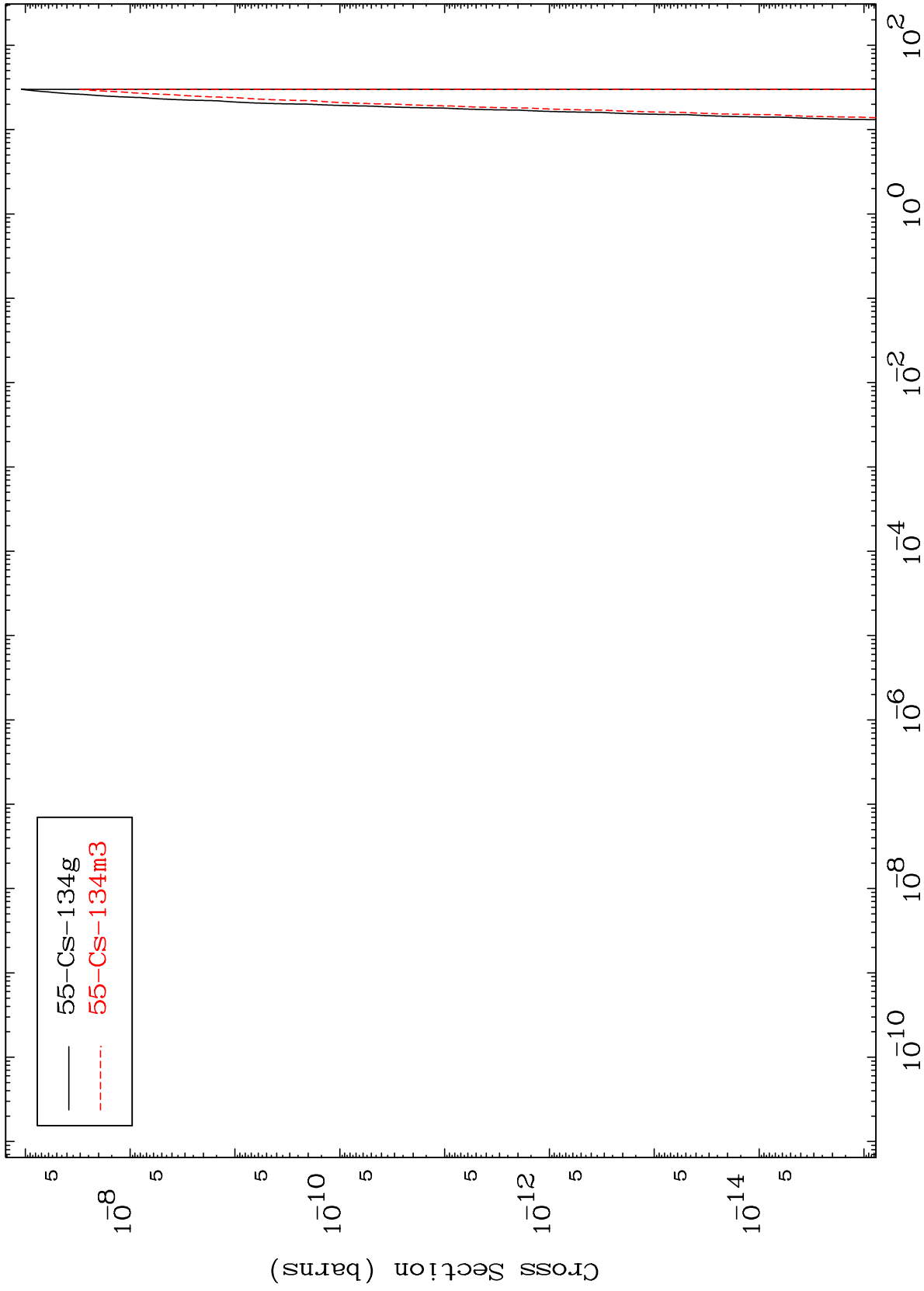
58-Ce-141

MAT 5840

(p,2α)

58-Ce-141

Radionuclide Production Cross Section



18

Incident Energy (MeV)

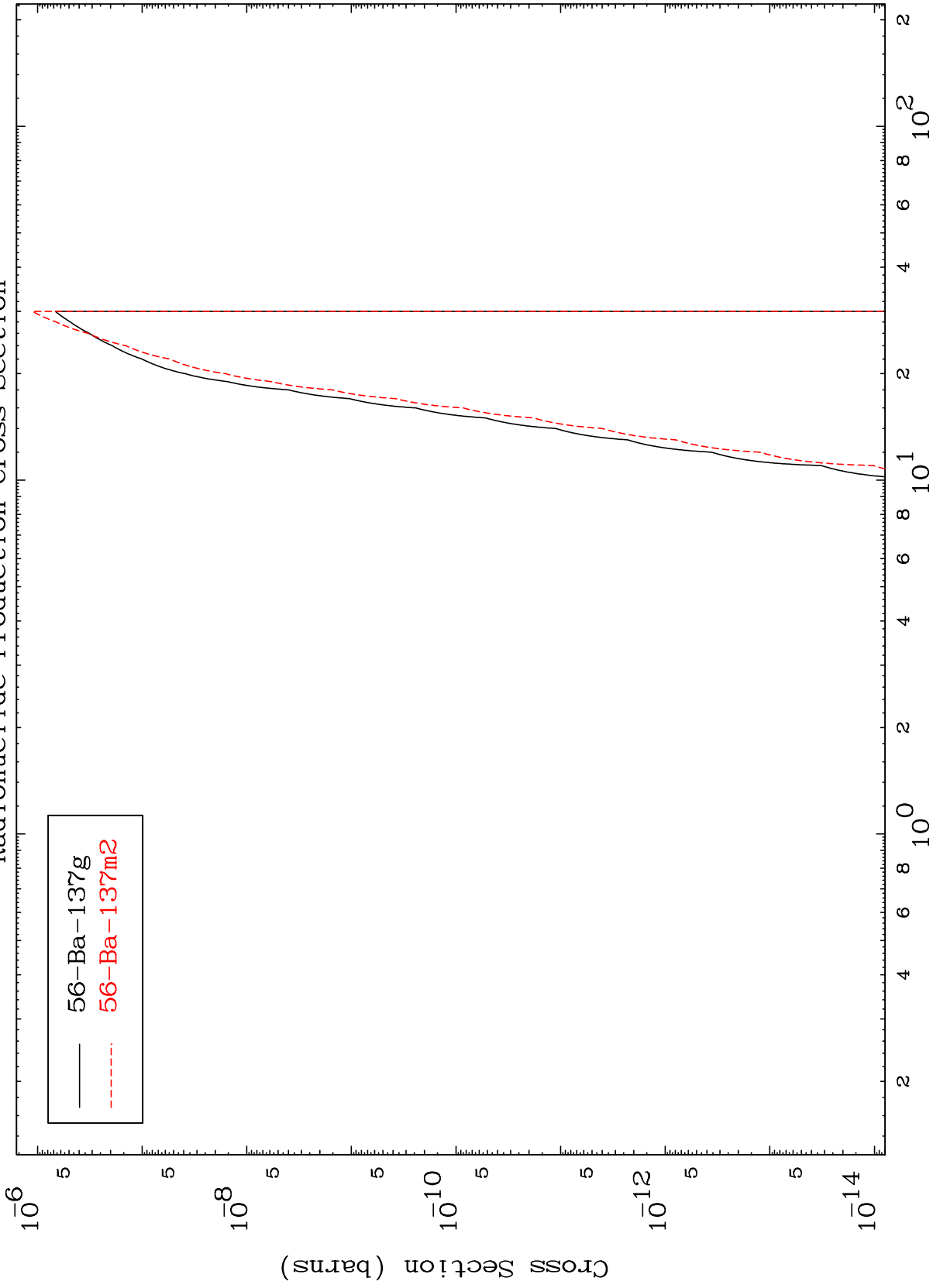
58-Ce-141

MAT 5840

(p,p)  $\alpha$

58-Ce-141

Radionuclide Production Cross Section



19

Incident Energy (MeV)

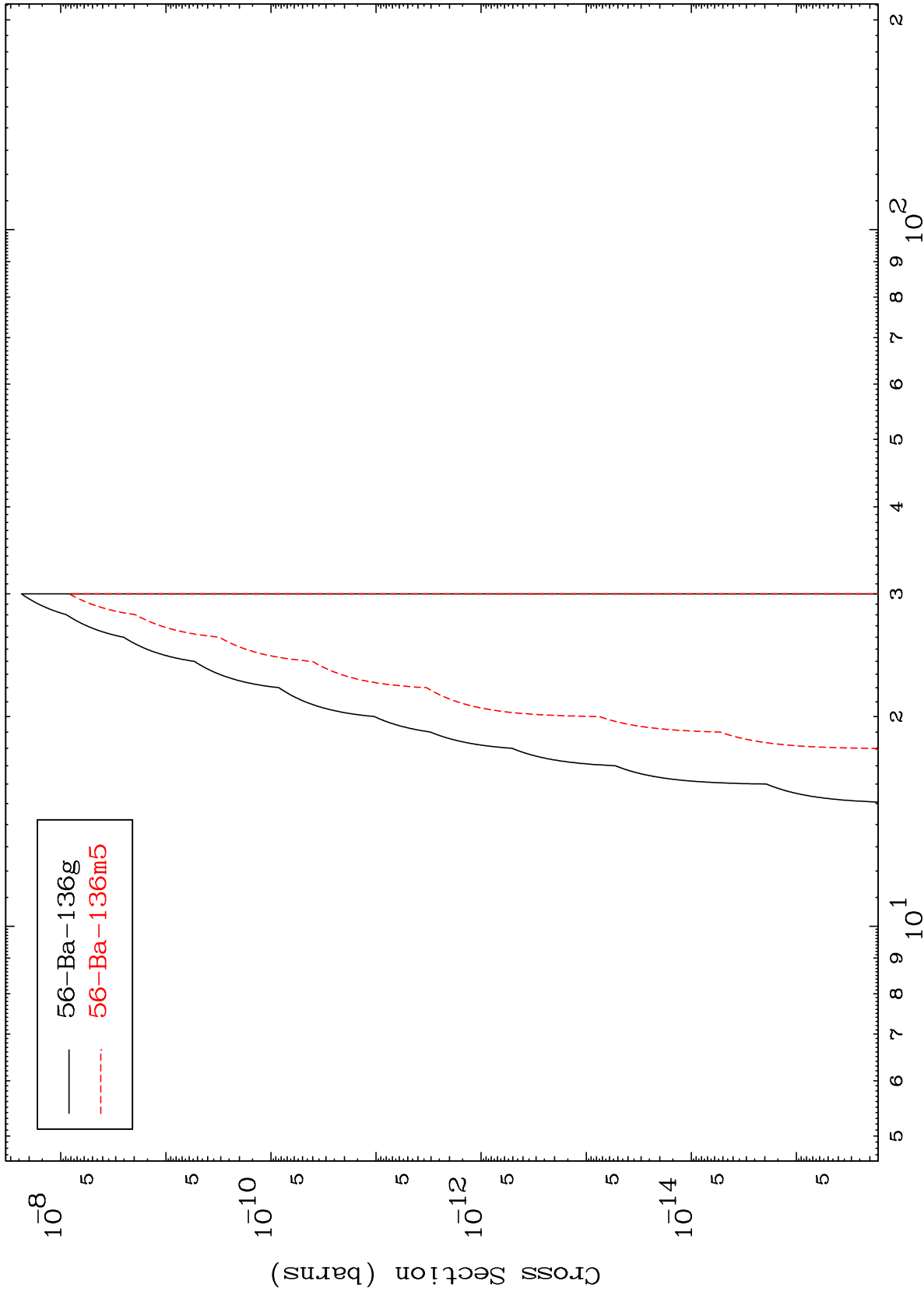
58-Ce-141

MAT 5840

(p,d)  $\alpha$

58-Ce-141

Radionuclide Production Cross Section



20

Incident Energy (MeV)

58-Ce-141