

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

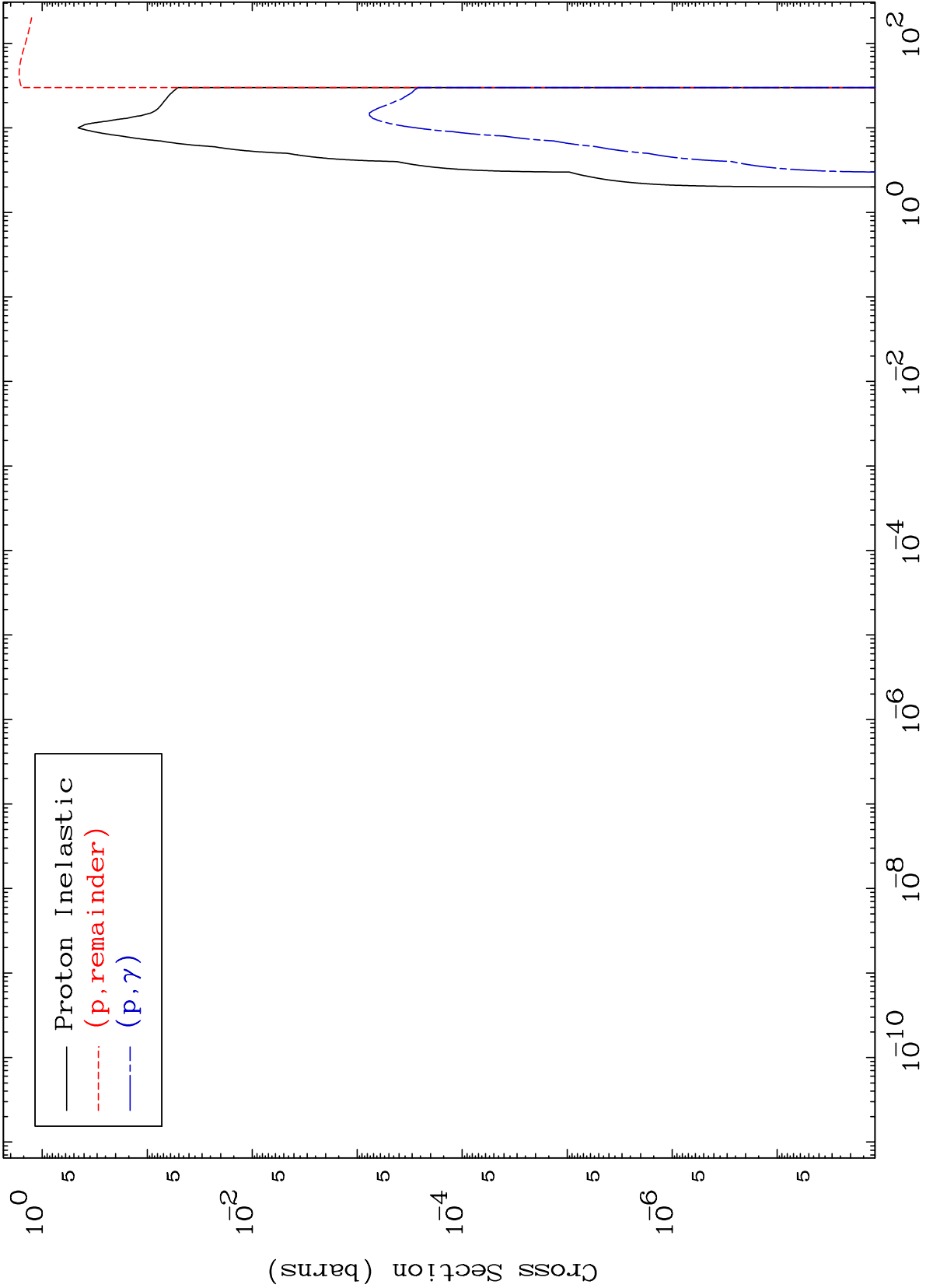
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5840

Proton Major  
0 Kelvin Cross Sections

58-Ce-141



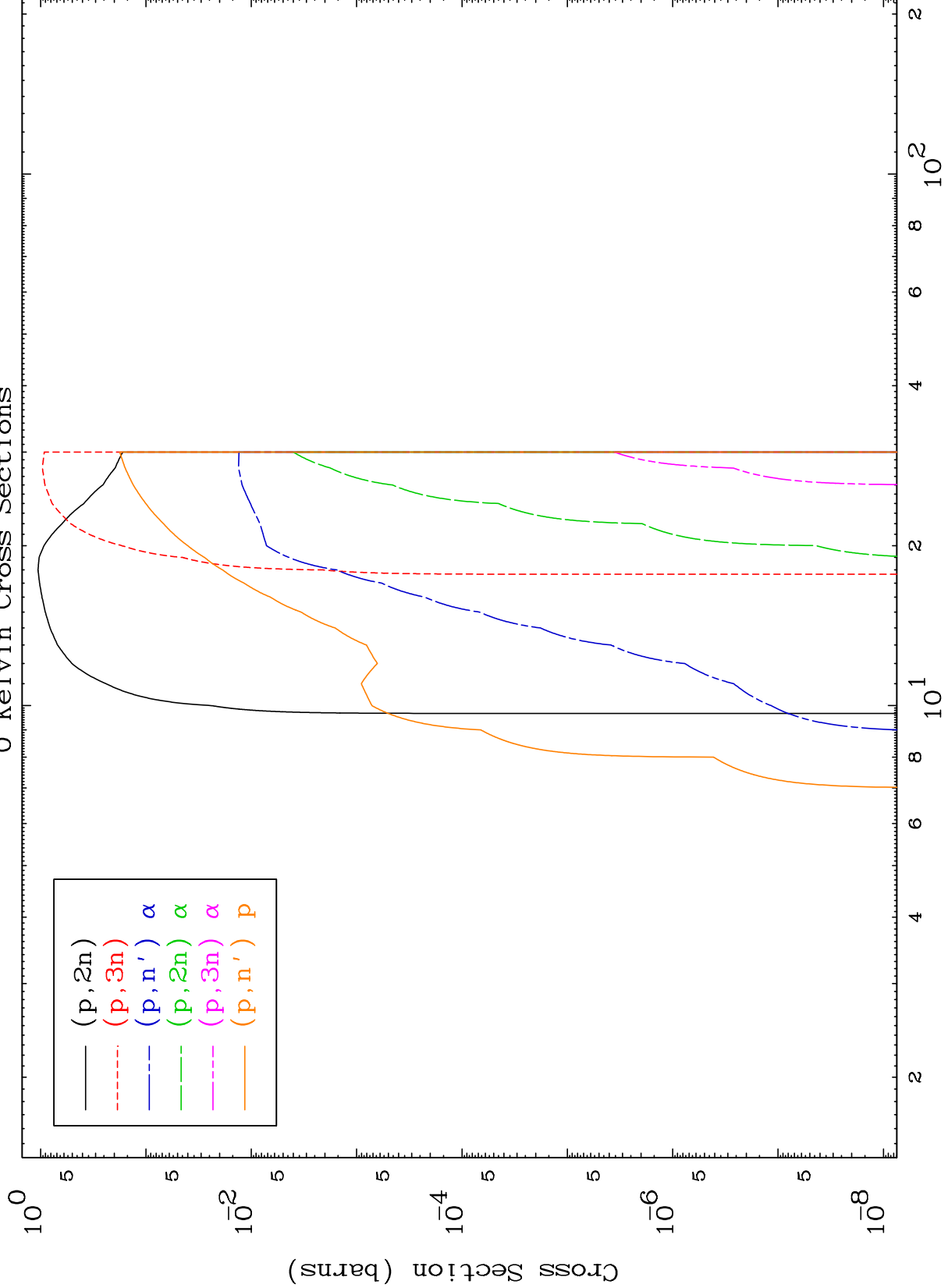
1

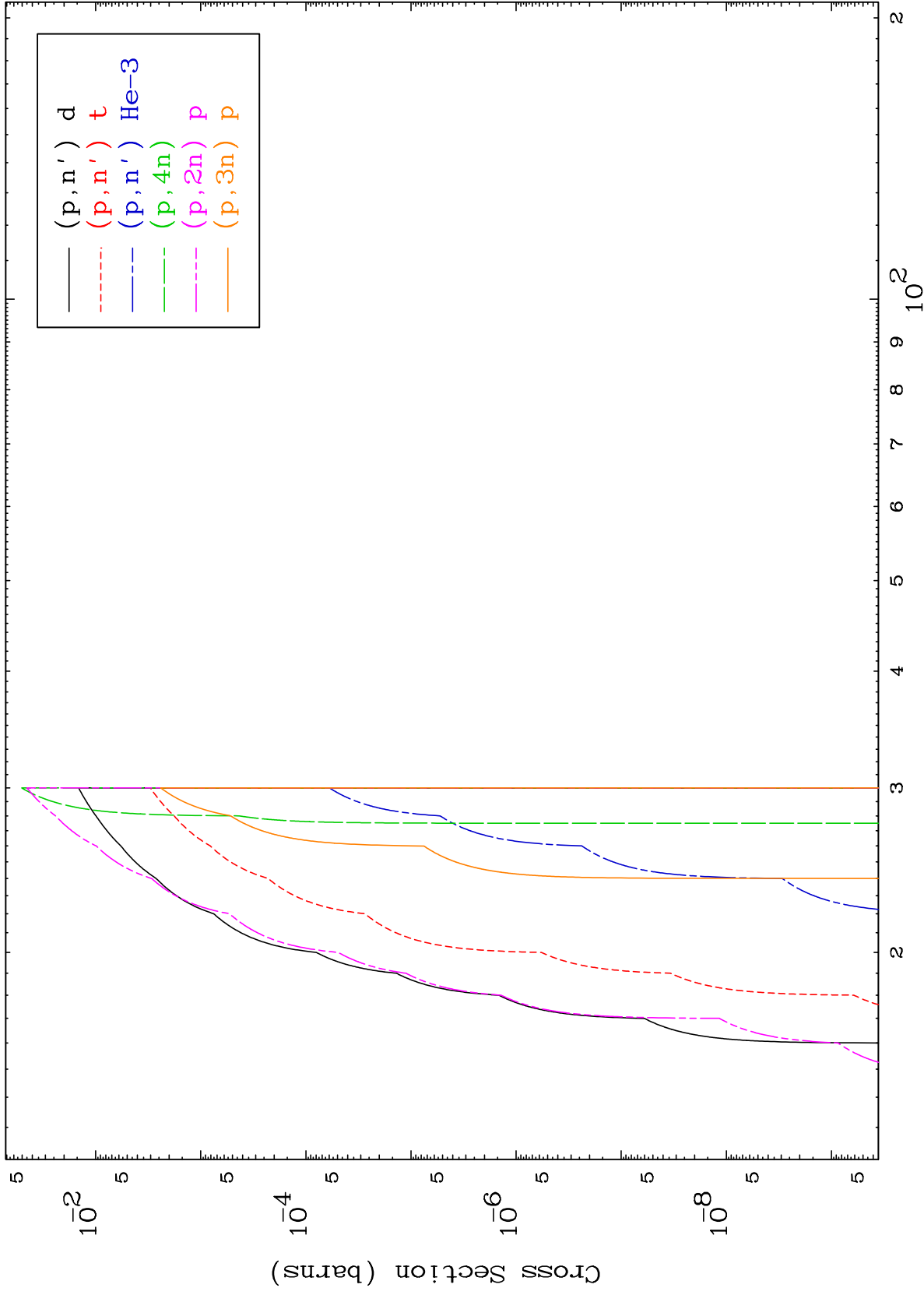
58-Ce-141

MAT 5840

Proton Neutron Production  
0 Kelvin Cross Sections

58-Ce-141

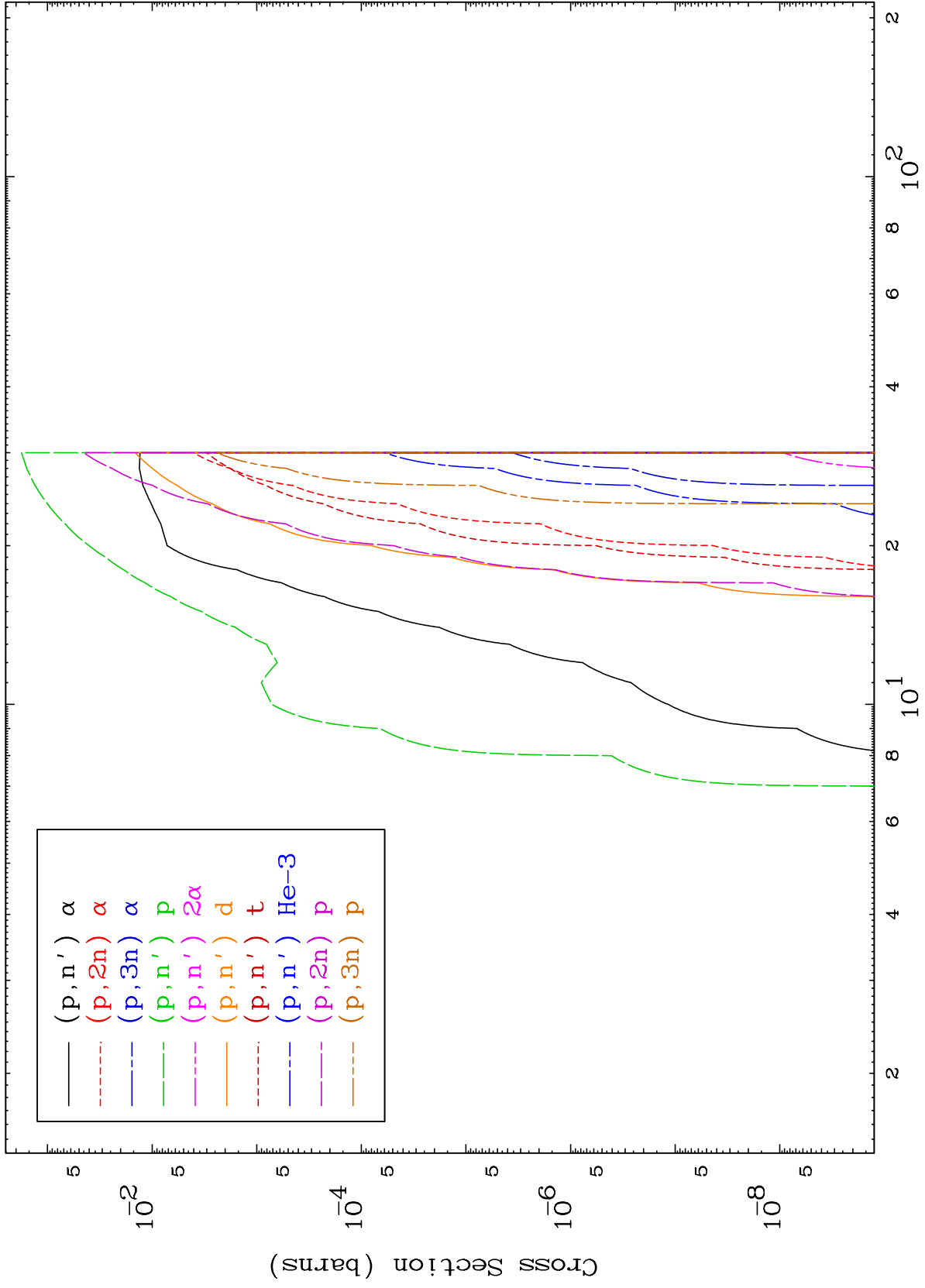




MAT 5840

Proton Charged Particle  
0 Kelvin Cross Sections

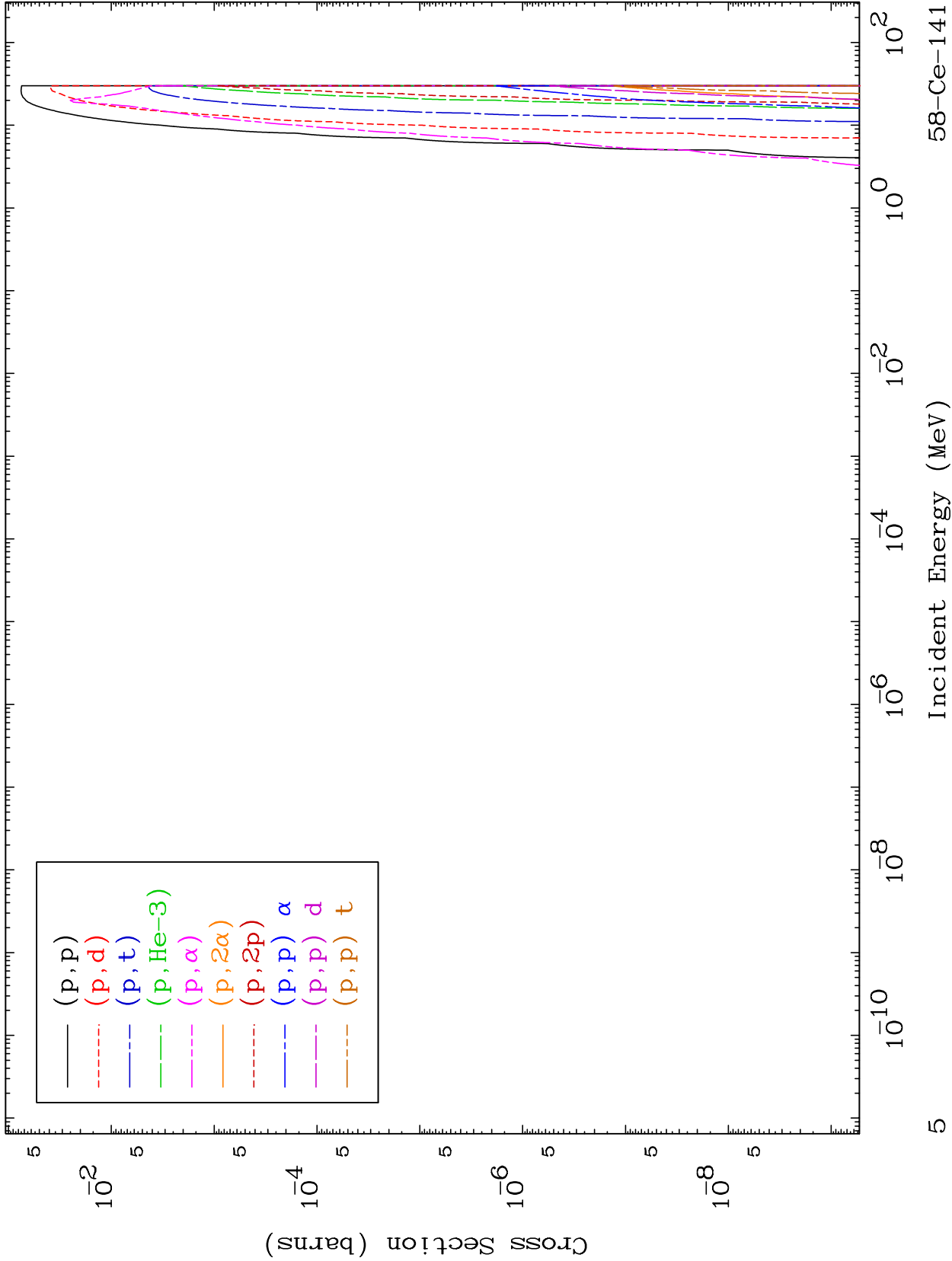
58-Ce-141



MAT 5840

Proton Charged Particle  
0 Kelvin Cross Sections

58-Ce-141

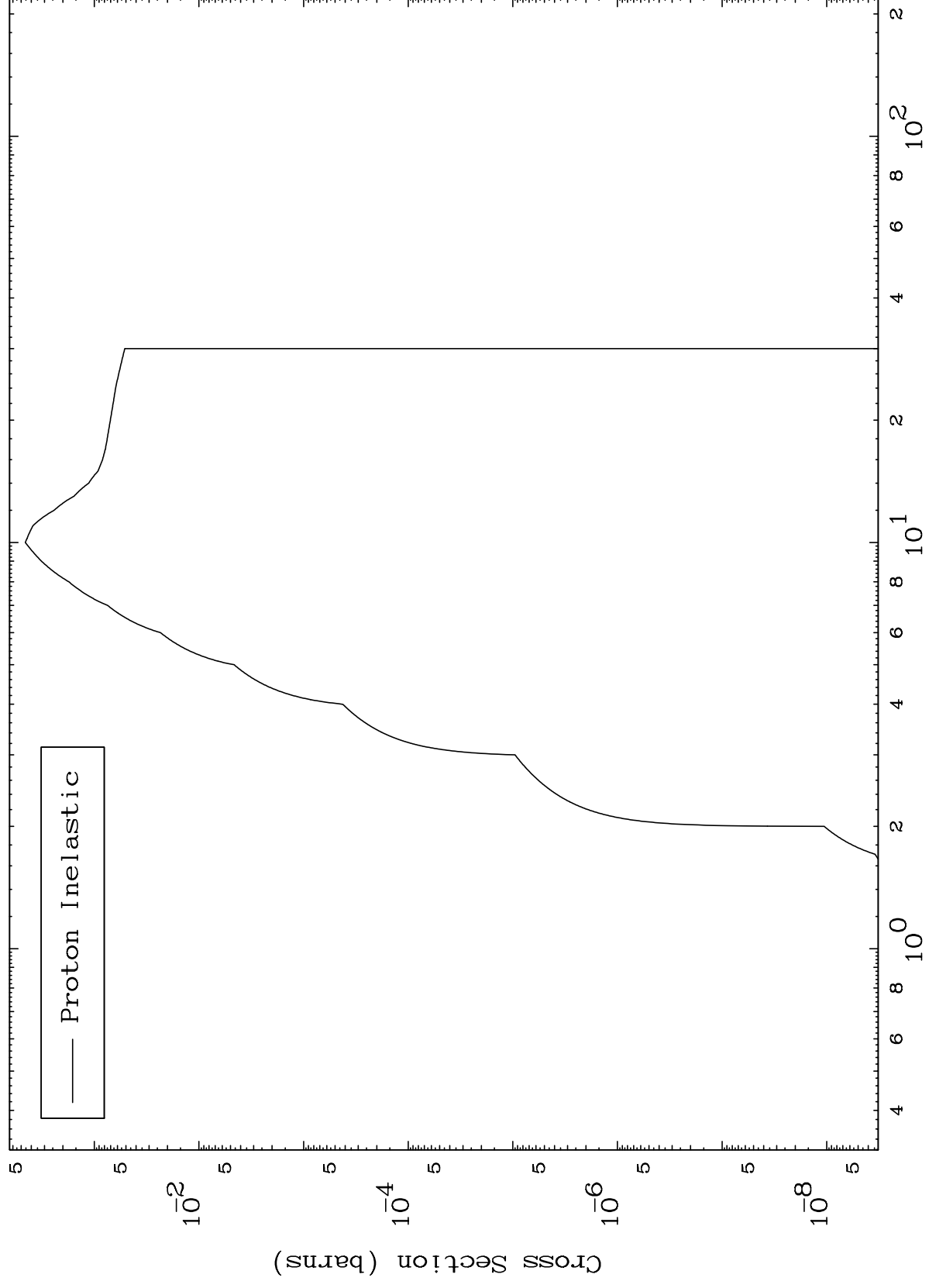


MAT 5840

(p,n') Level

58-Ce-141

0 Kelvin Cross Sections



6

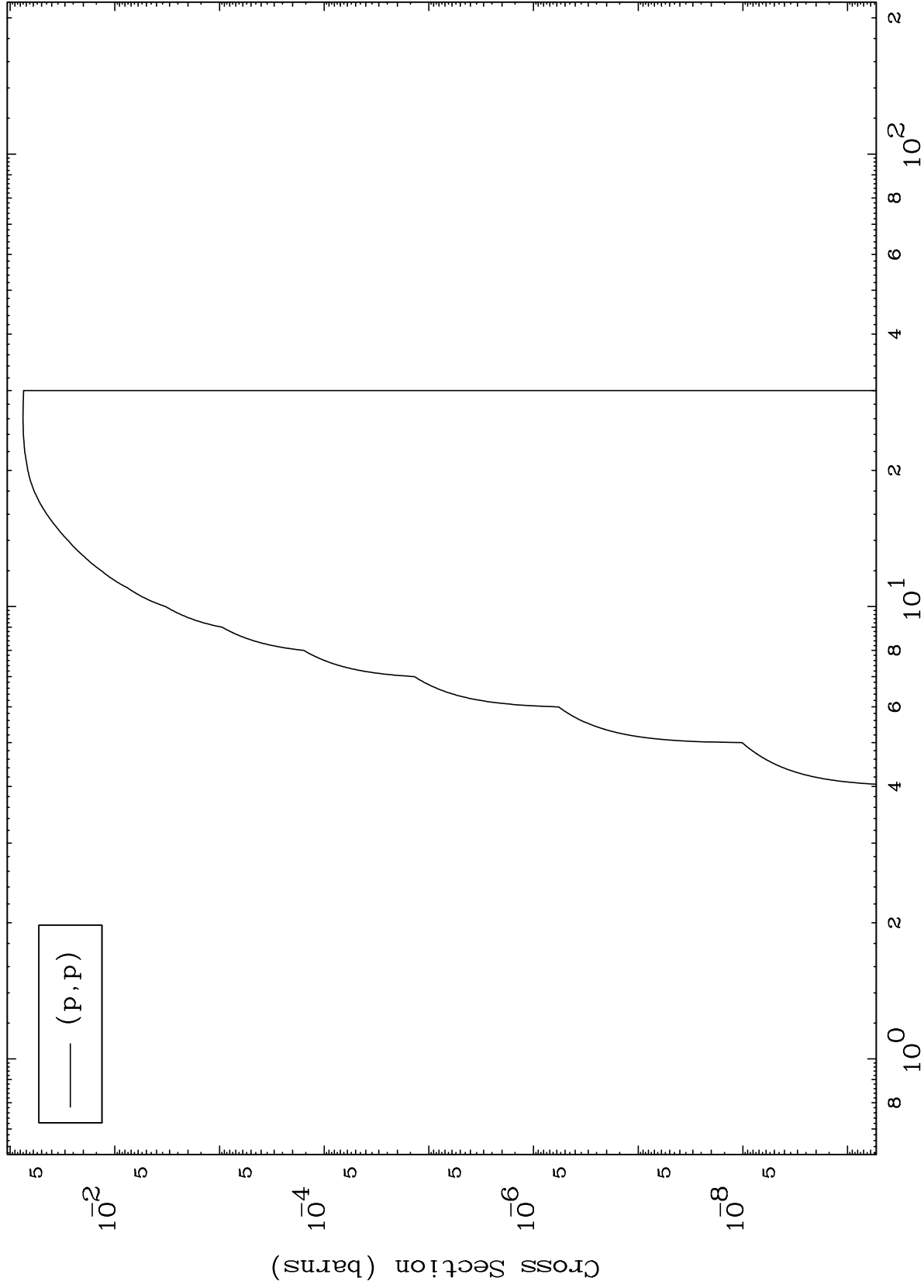
Incident Energy (MeV)

58-Ce-141

MAT 5840

58-Ce-141

(p,p) Levels  
0 Kelvin Cross Sections



7

Incident Energy (MeV)

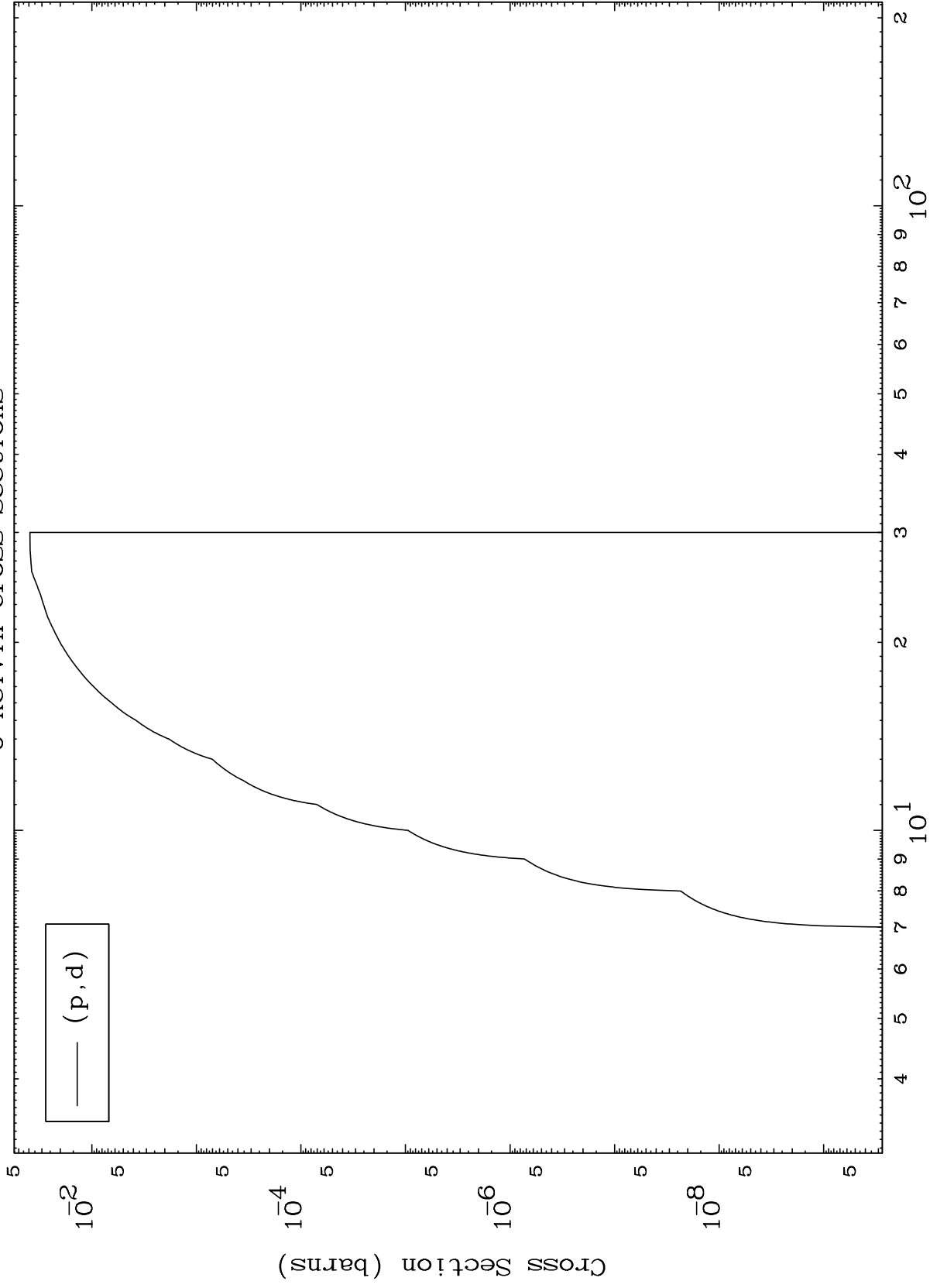
58-Ce-141



MAT 5840

(p,d) Levels  
0 Kelvin Cross Sections

58-Ce-141

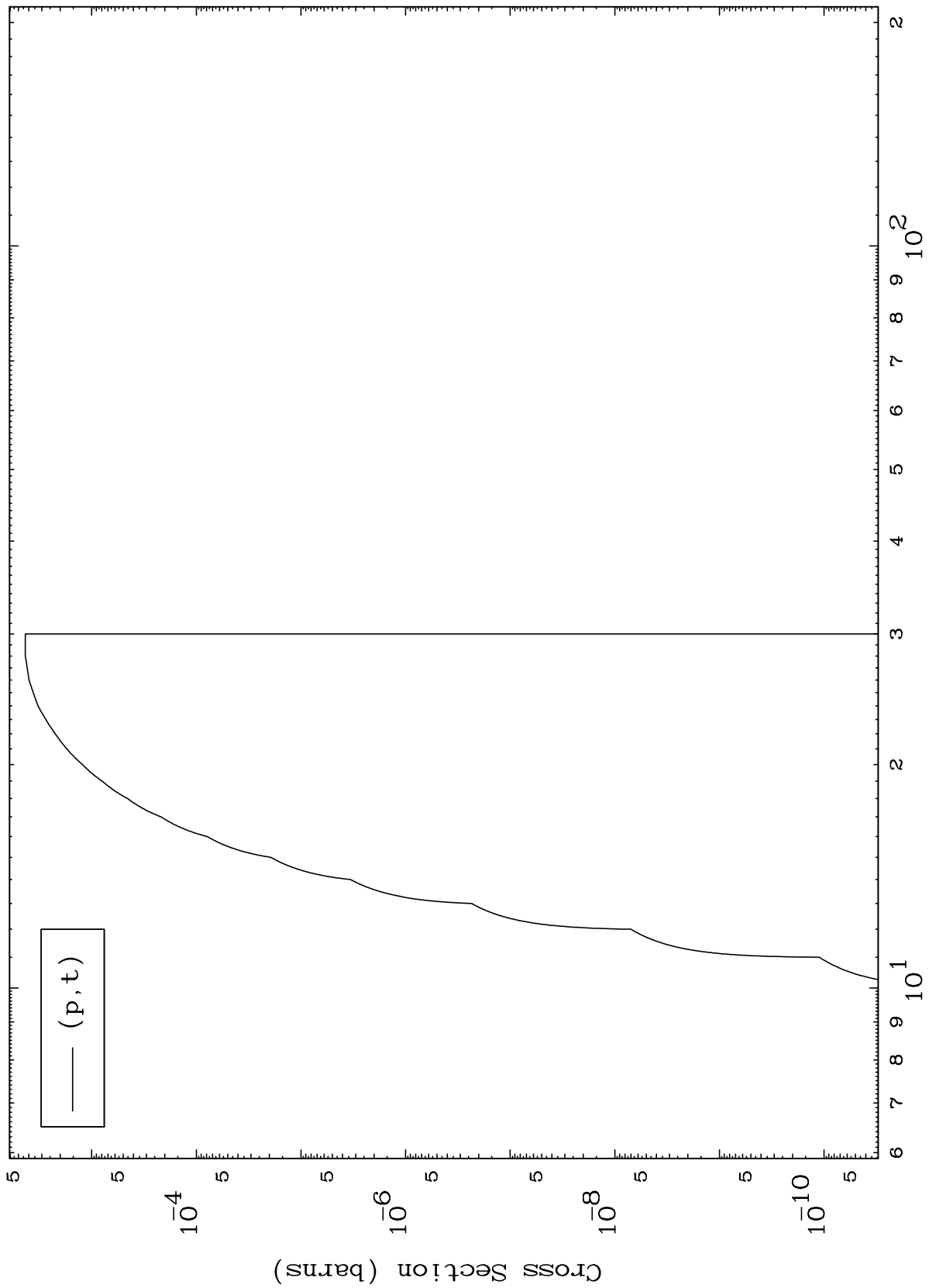


MAT 5840

(p, t) Levels

58-Ce-141

0 Kelvin Cross Sections



9

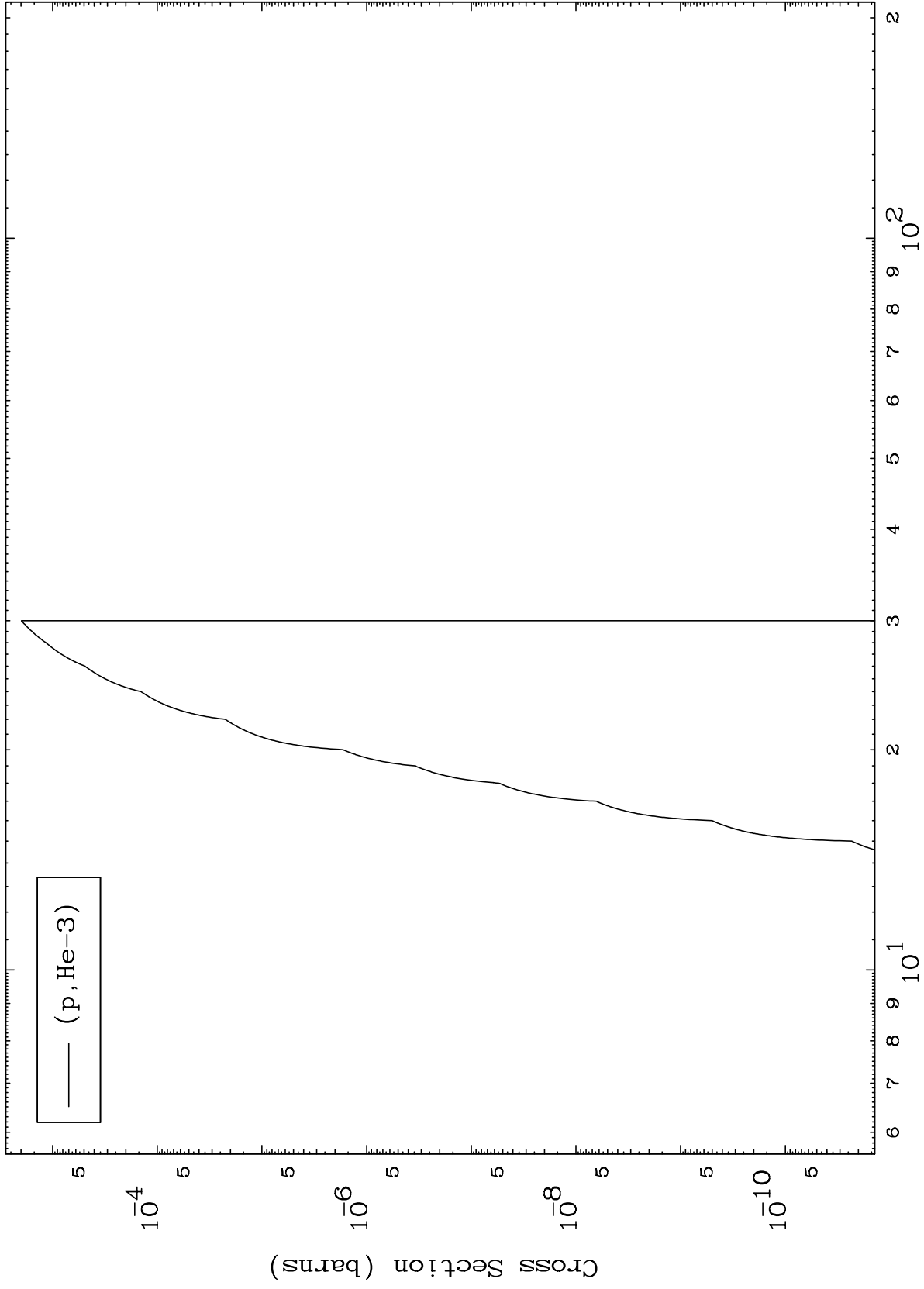
Incident Energy (MeV)

58-Ce-141

MAT 5840

58-Ce-141

(p,He3) Levels  
0 Kelvin Cross Sections



10

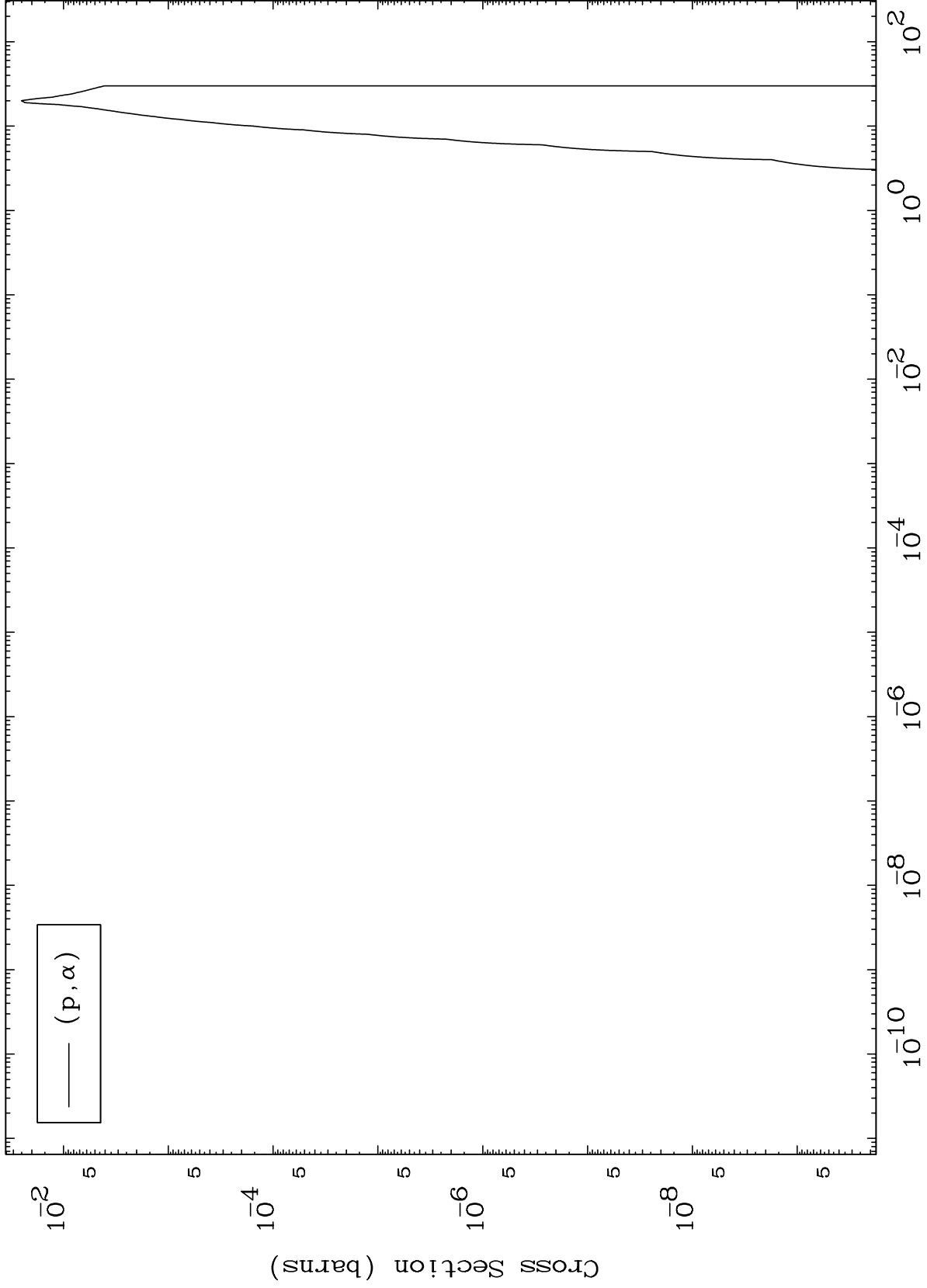
Incident Energy (MeV)

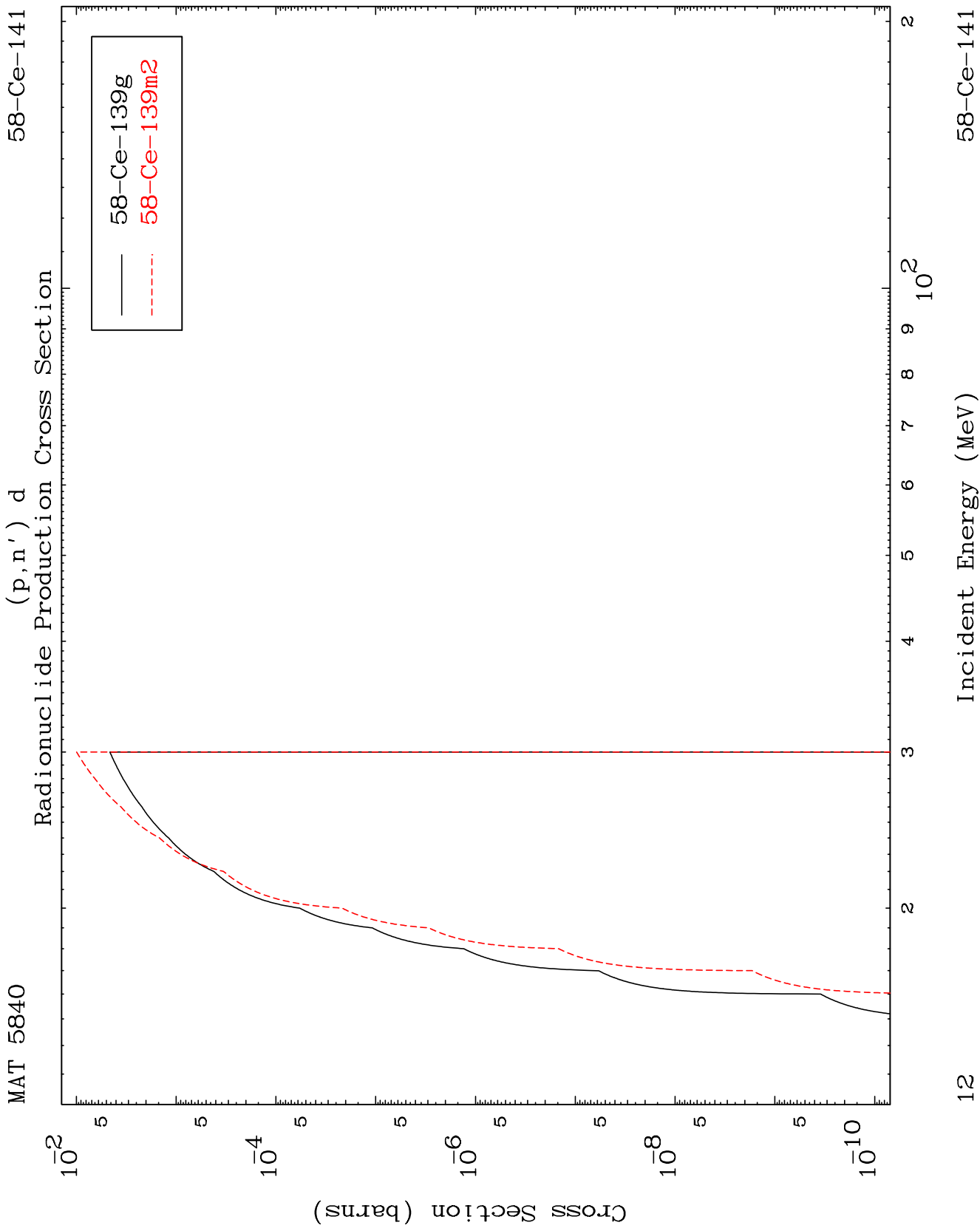
58-Ce-141

MAT 5840

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

58-Ce-141



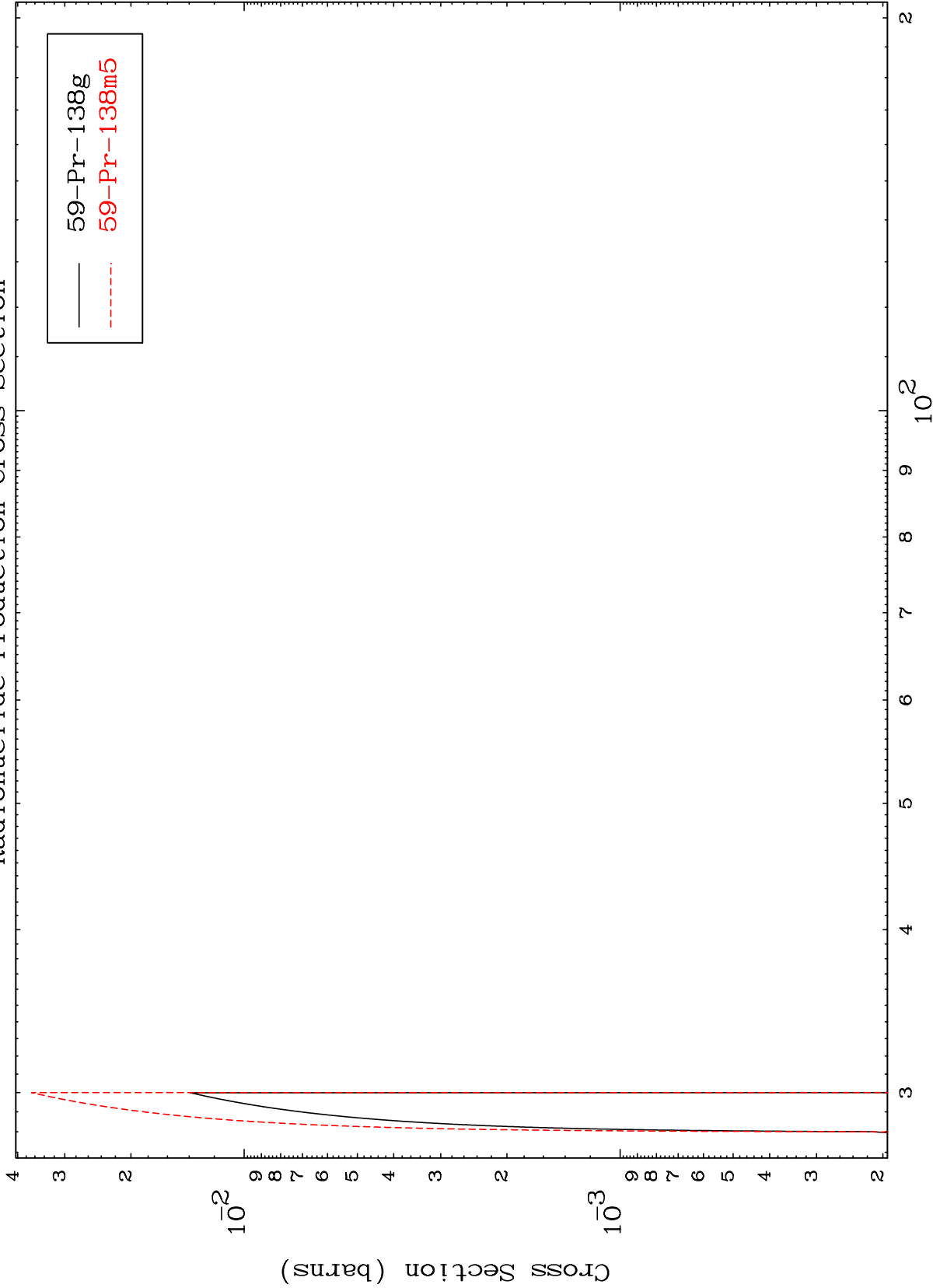


MAT 5840

(p,4n)

58-Ce-141

Radionuclide Production Cross Section



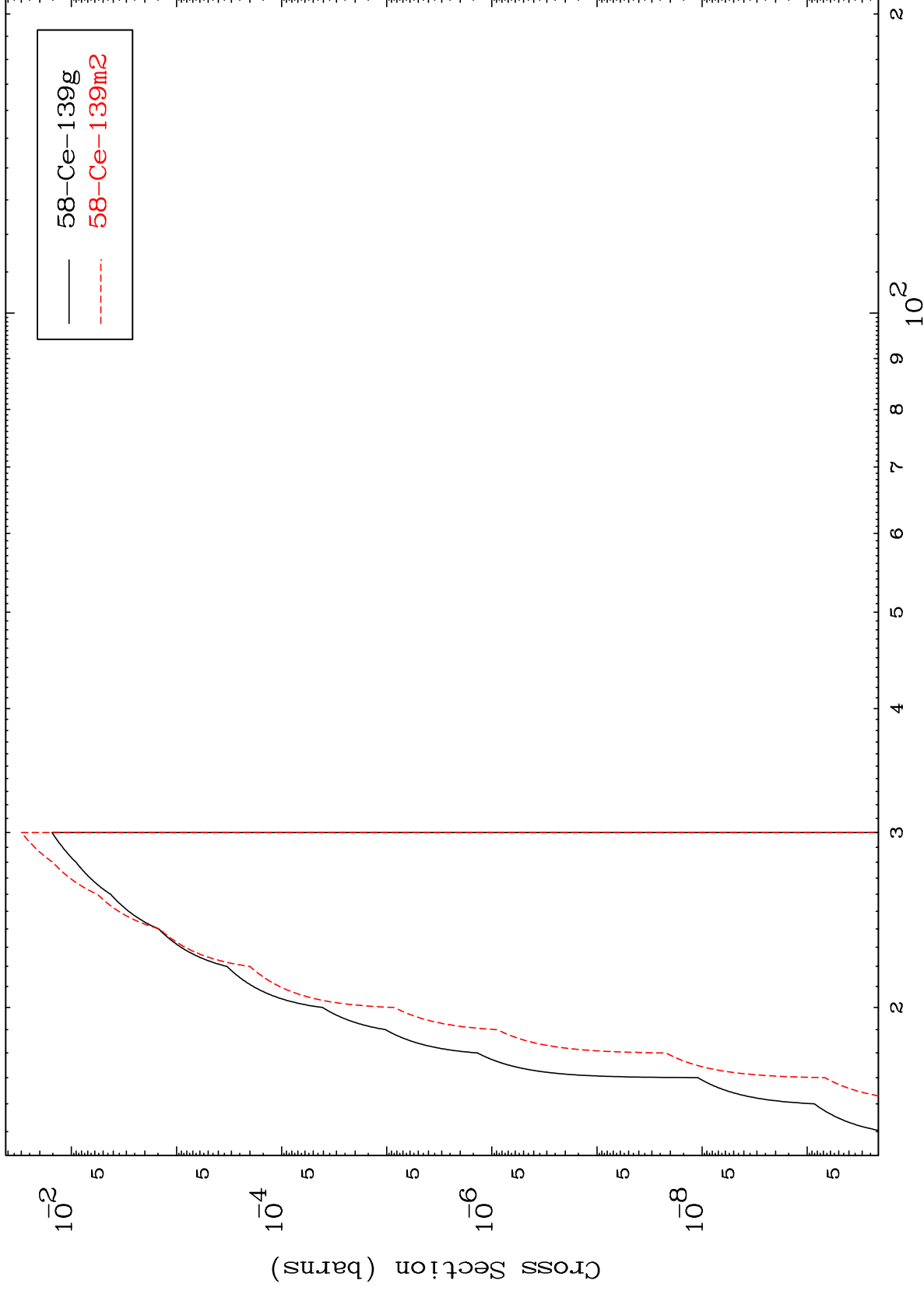
59-Pr-138g  
59-Pr-138m5

MAT 5840

(p,2n) p

58-Ce-141

Radionuclide Production Cross Section



14

Incident Energy (MeV)

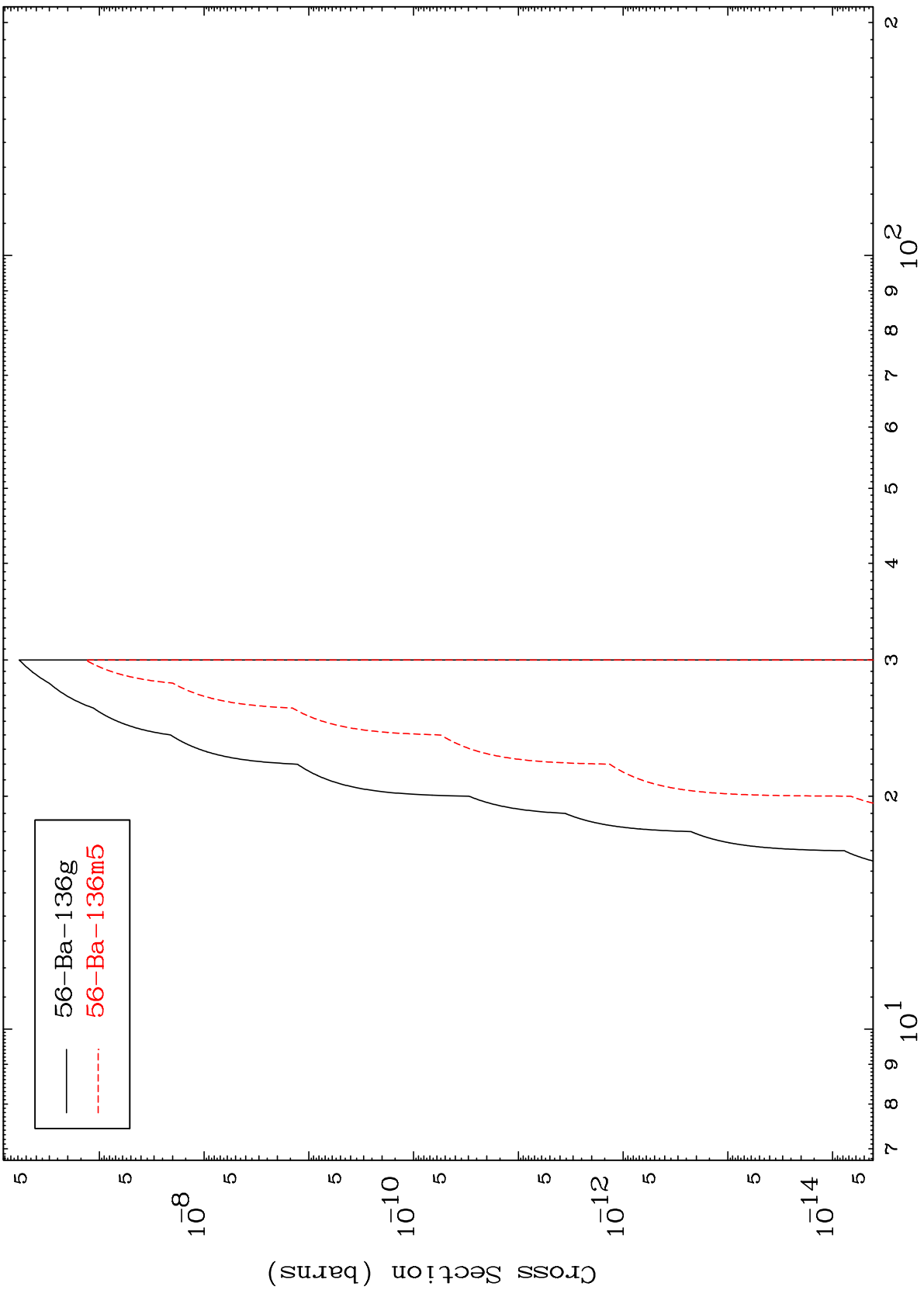
58-Ce-141

MAT 5840

(p,n') p  $\alpha$

58-Ce-141

Radionuclide Production Cross Section



15

Incident Energy (MeV)

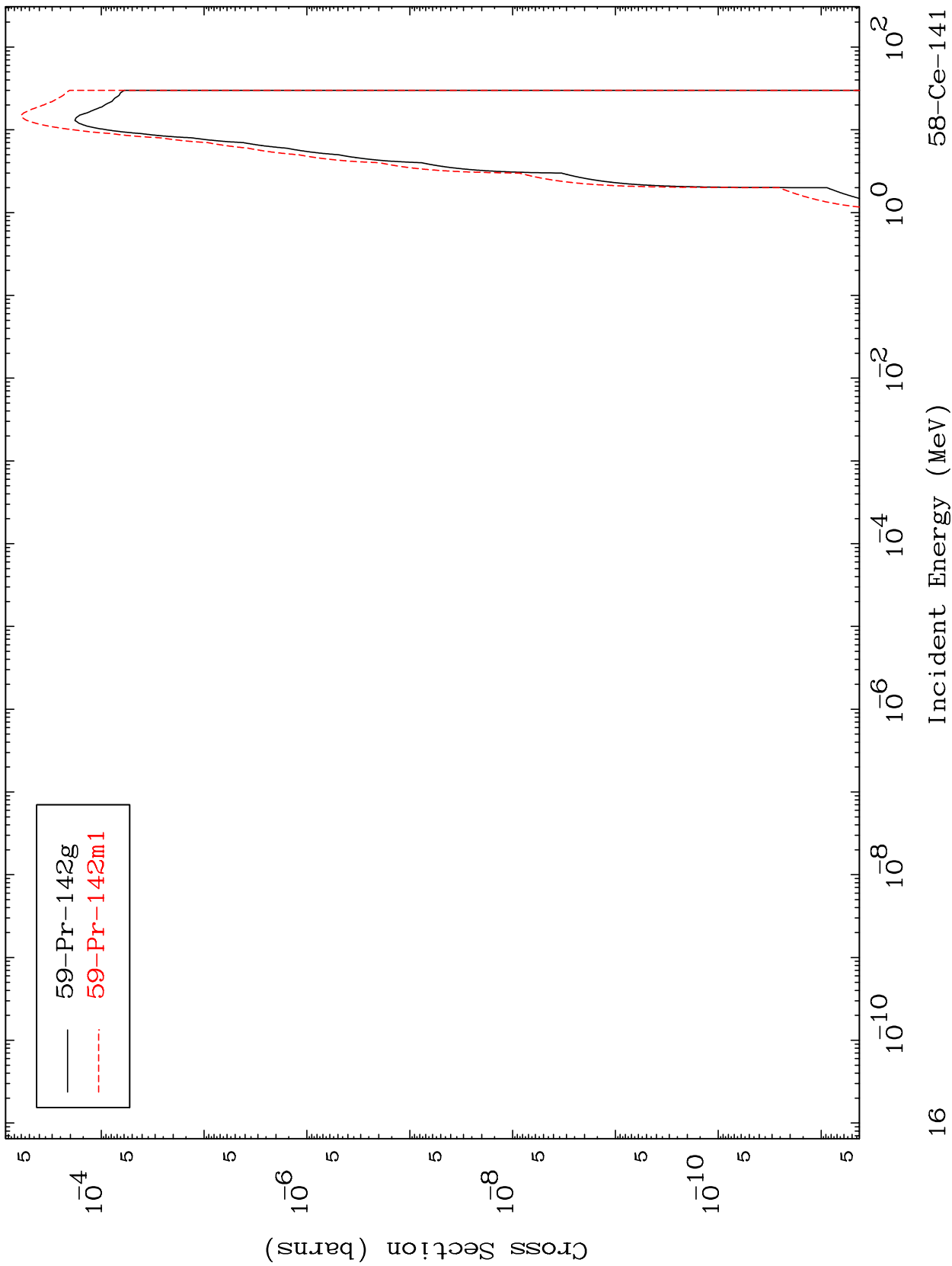
58-Ce-141



MAT 5840

58-Ce-141

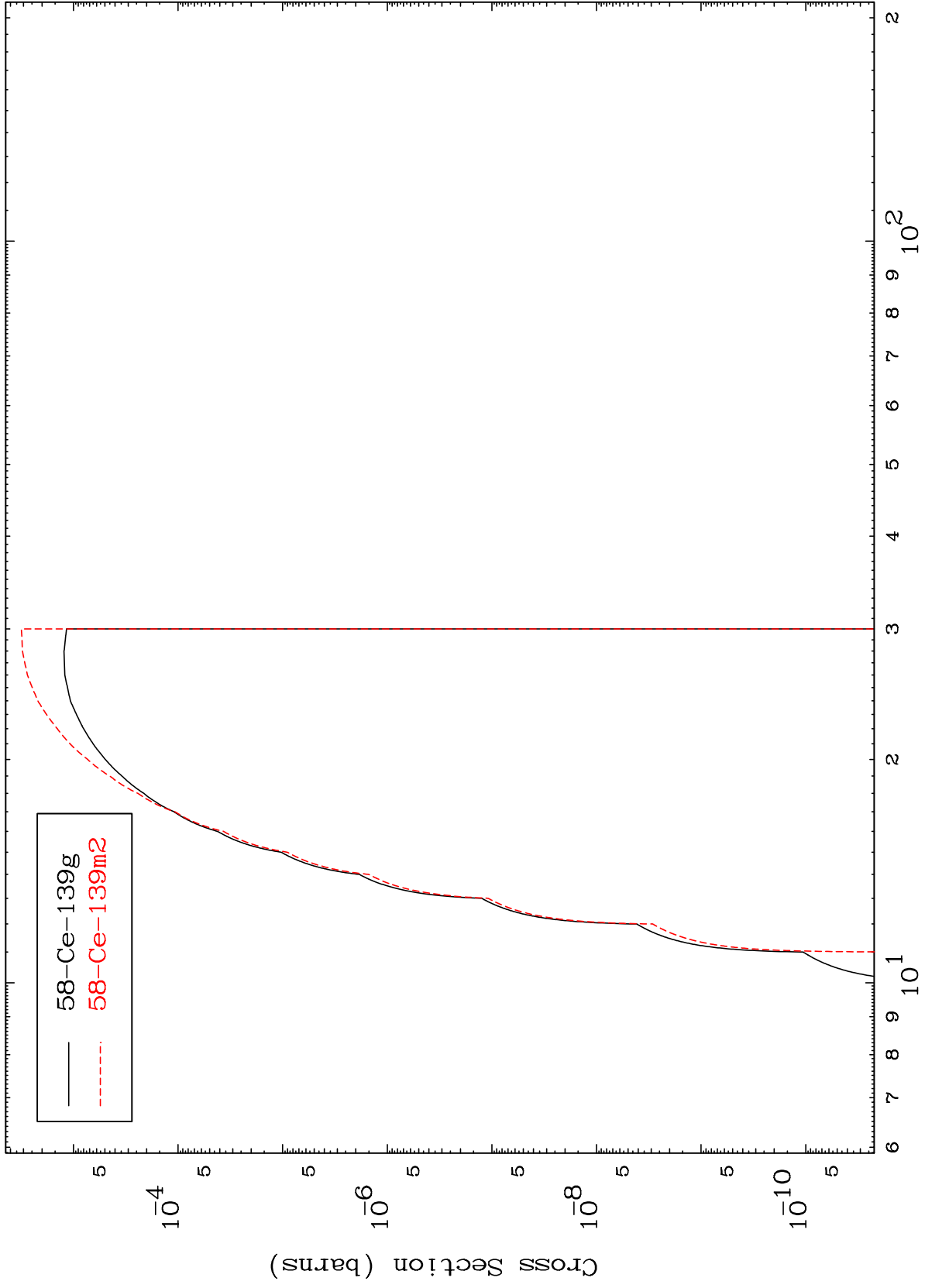
(p,  $\gamma$ )  
Radionuclide Production Cross Section



MAT 5840

58-Ce-141

(p, t)  
Radionuclide Production Cross Section



17

Incident Energy (MeV)

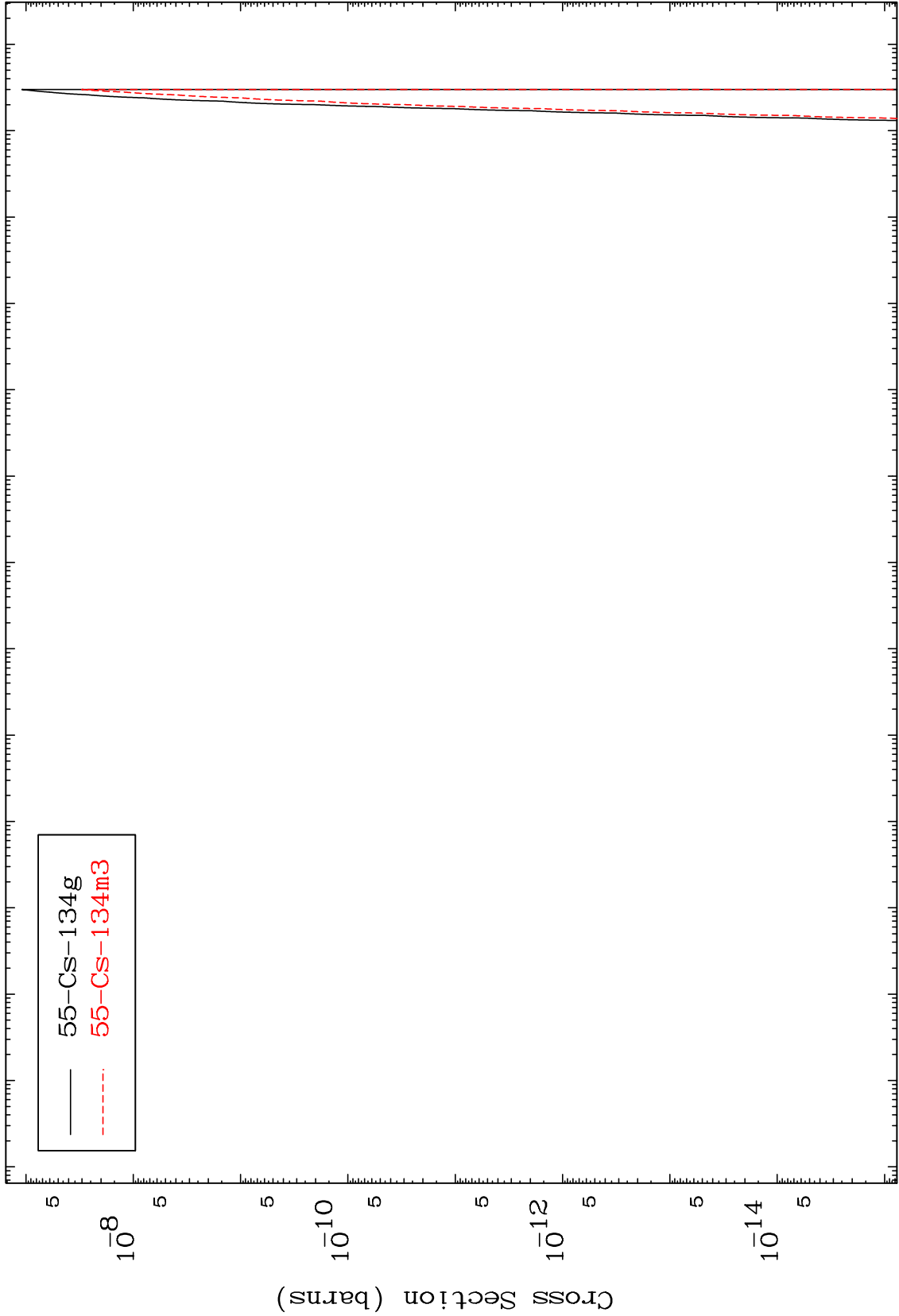
58-Ce-141

MAT 5840

(p,2 $\alpha$ )

58-Ce-141

Radionuclide Production Cross Section

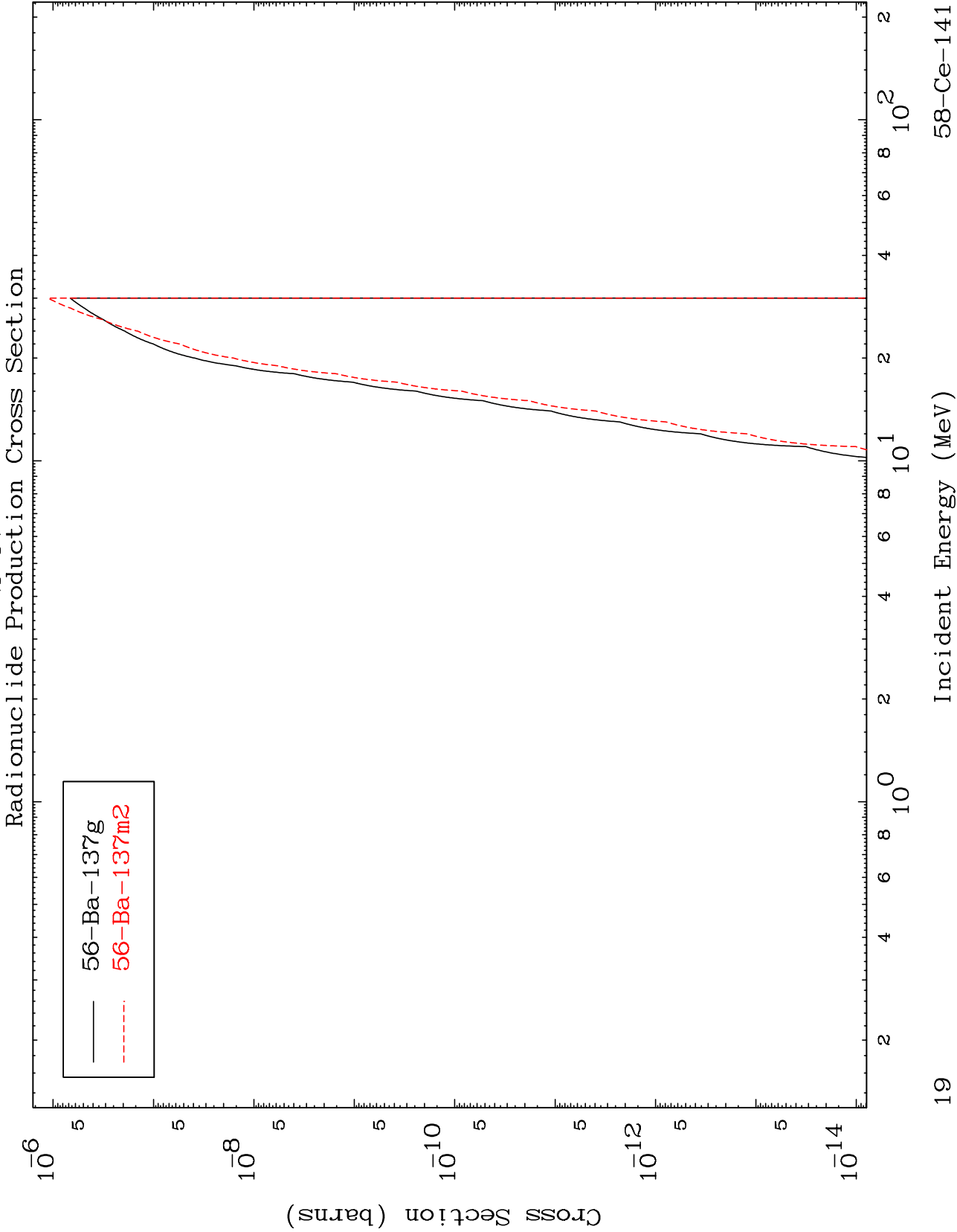


55-Cs-134g  
55-Cs-134m3

MAT 5840

(p,p)  $\alpha$

58-Ce-141



19

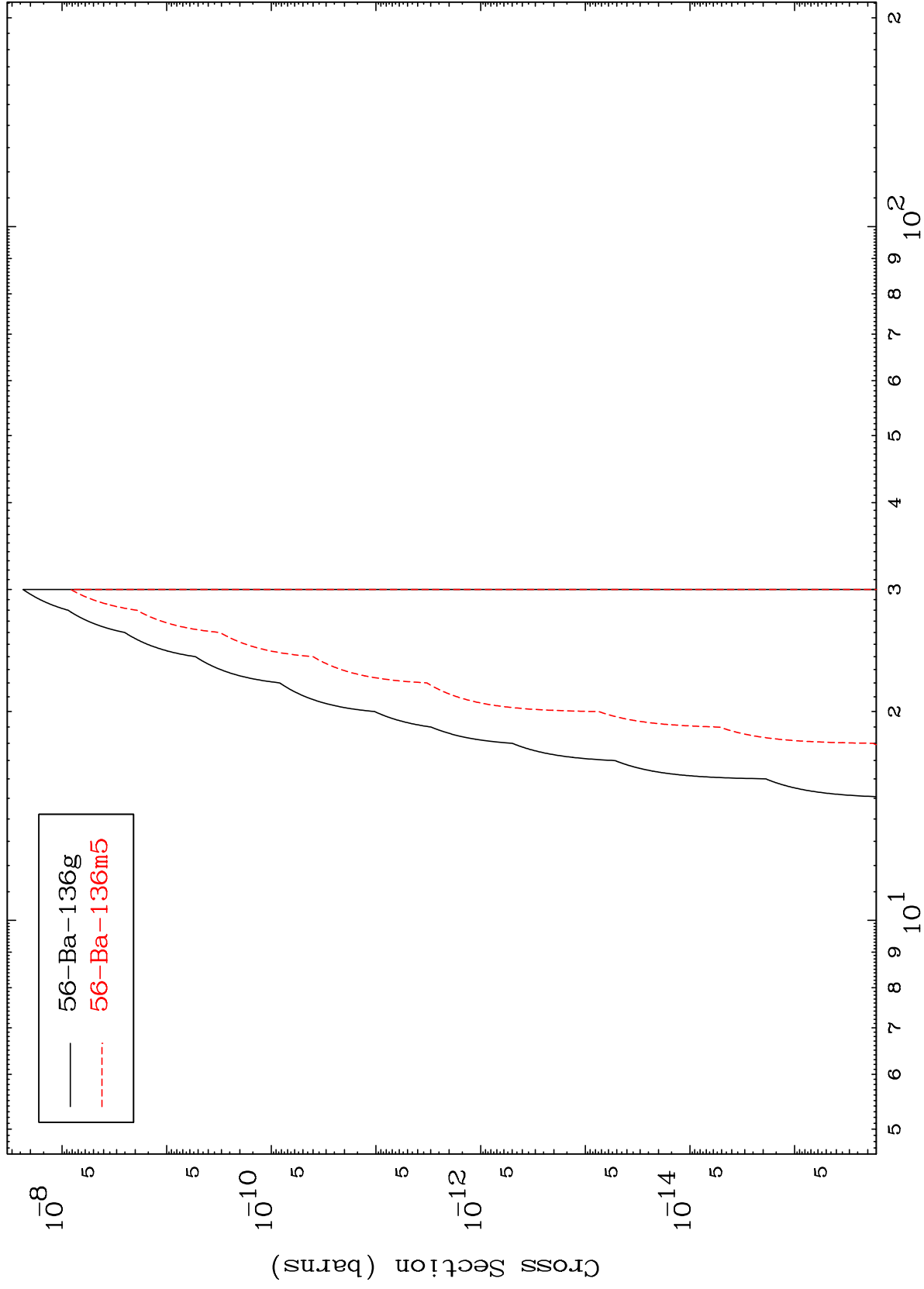
58-Ce-141

MAT 5840

(p,d)  $\alpha$

58-Ce-141

Radionuclide Production Cross Section



56-Ba-136g  
56-Ba-136m5

20

Incident Energy (MeV)

58-Ce-141