

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

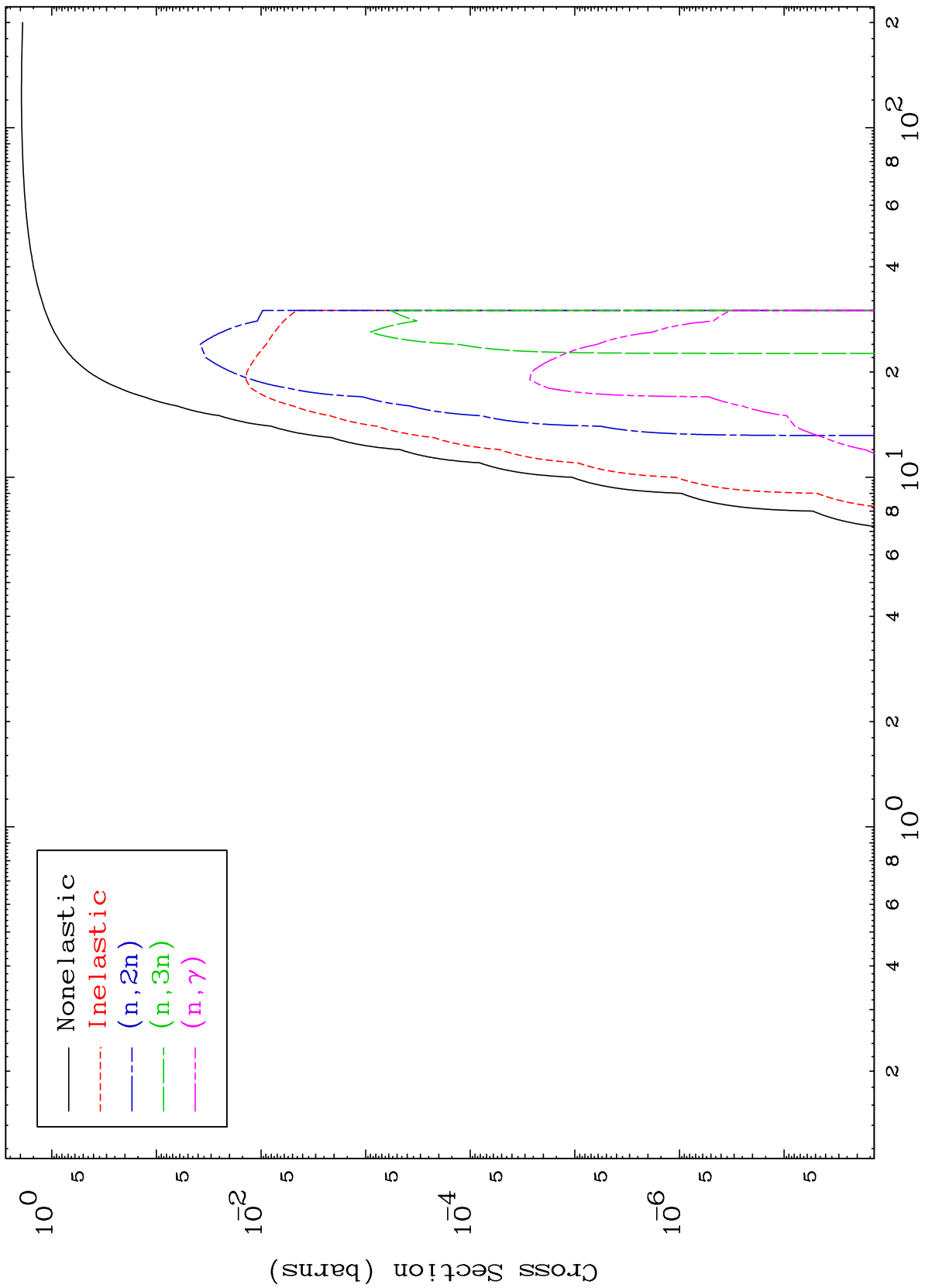
Press Mouse Button to Start

MAT 5807

He-3 Major

0 Kelvin Cross Sections

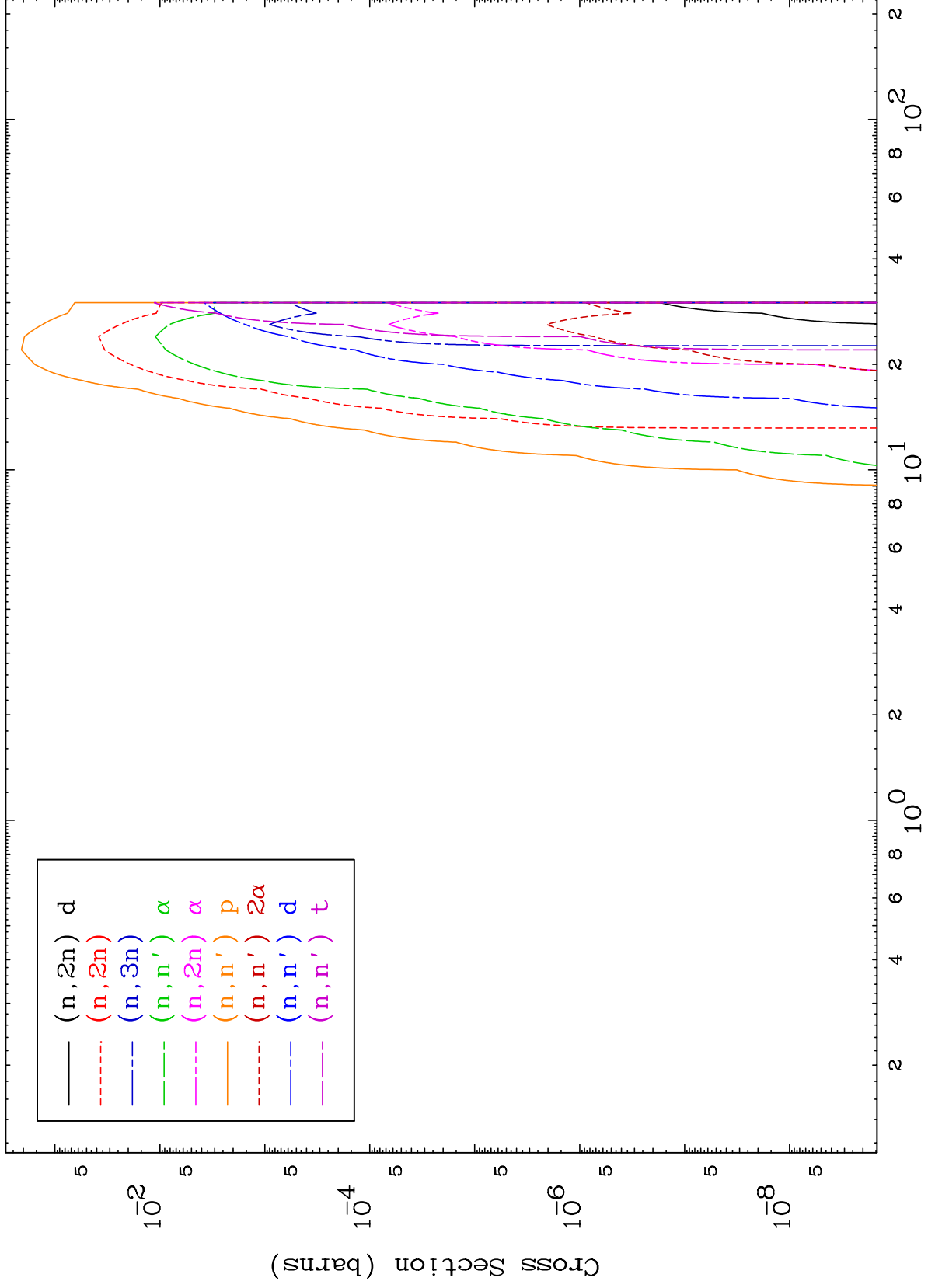
58-Ce-130



MAT 5807

He-3 Neutron Absorption  
0 Kelvin Cross Sections

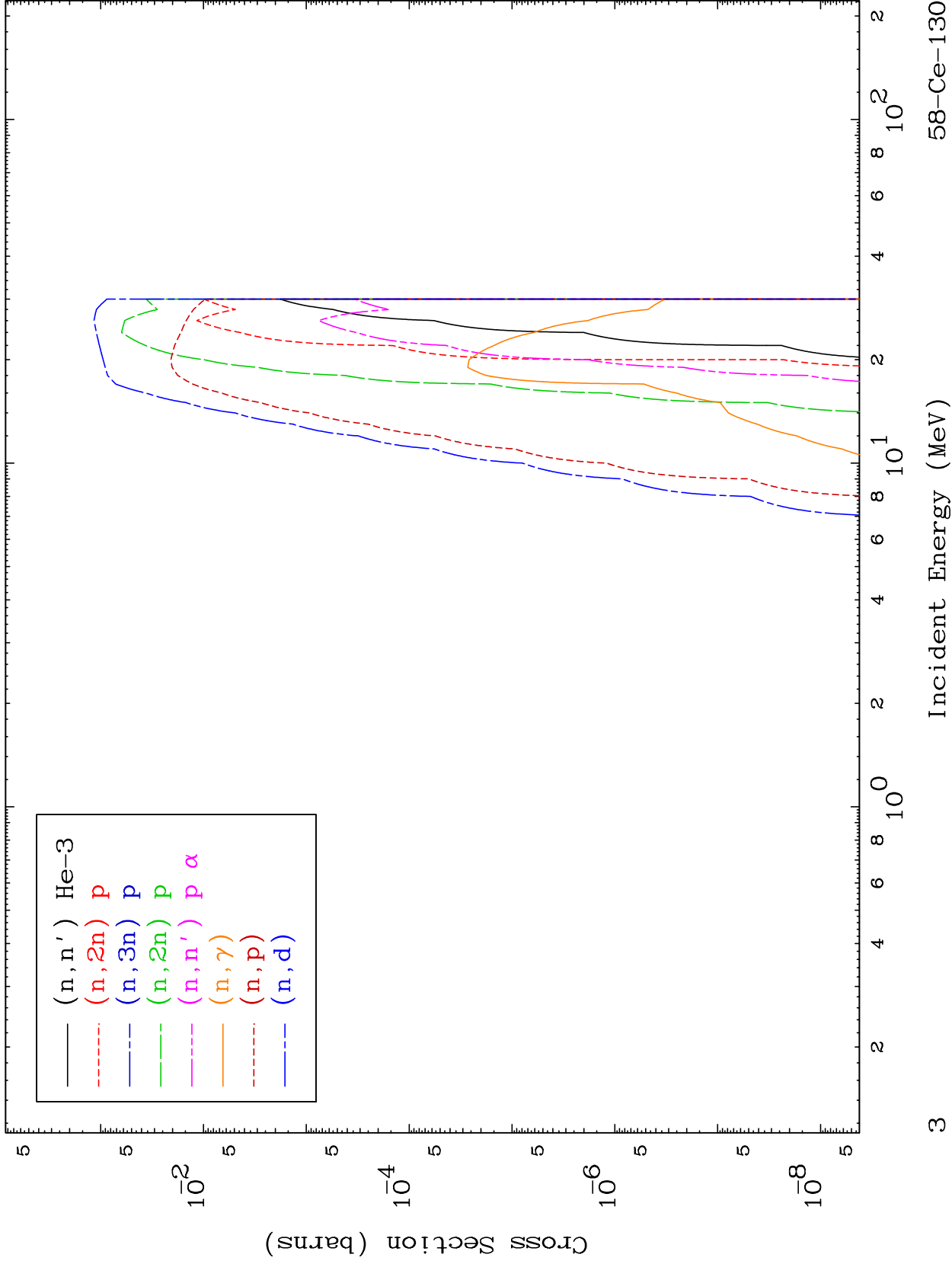
58-Ce-130



MAT 5807

He-3 Neutron Absorption  
0 Kelvin Cross Sections

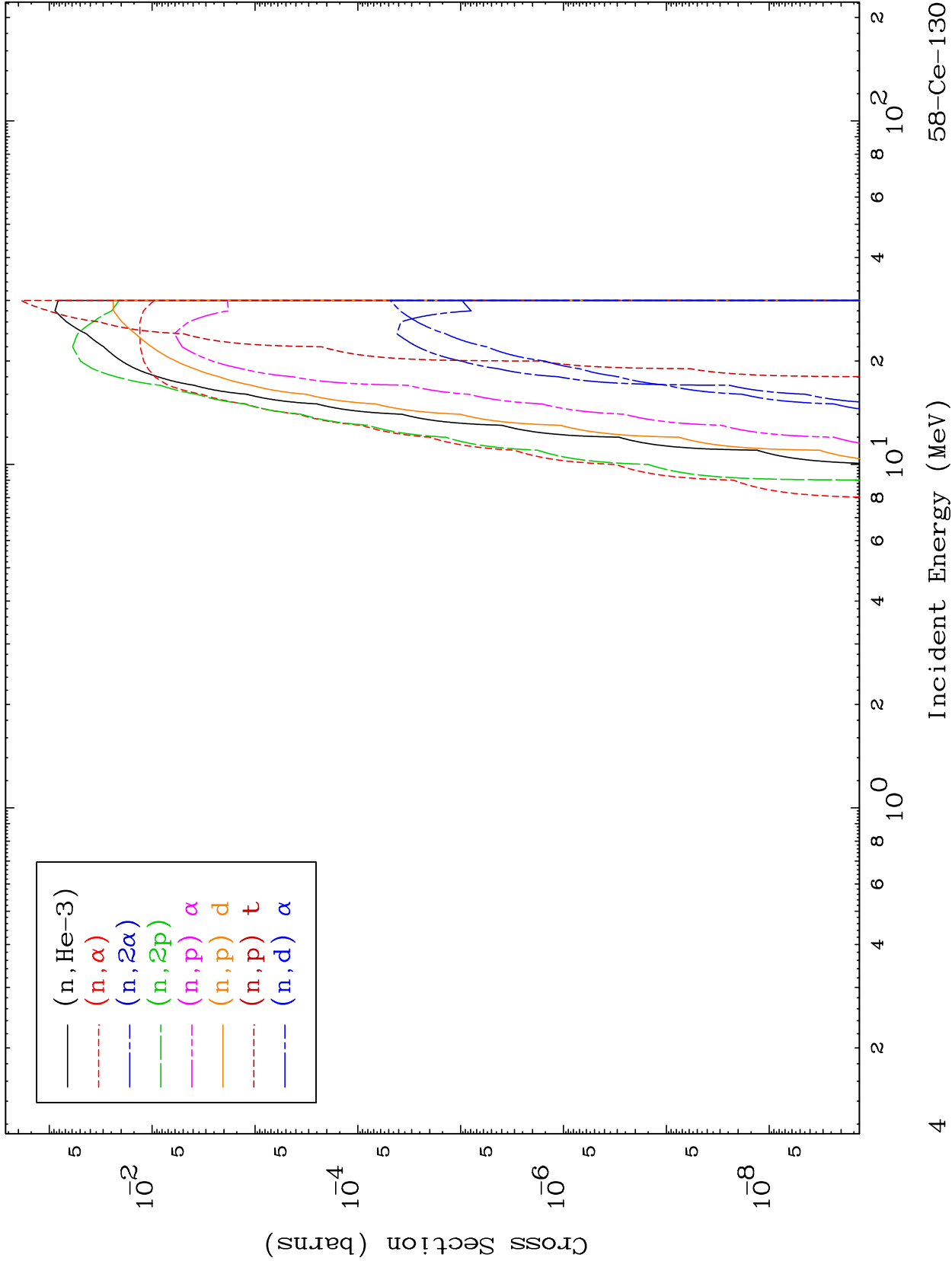
58-Ce-130

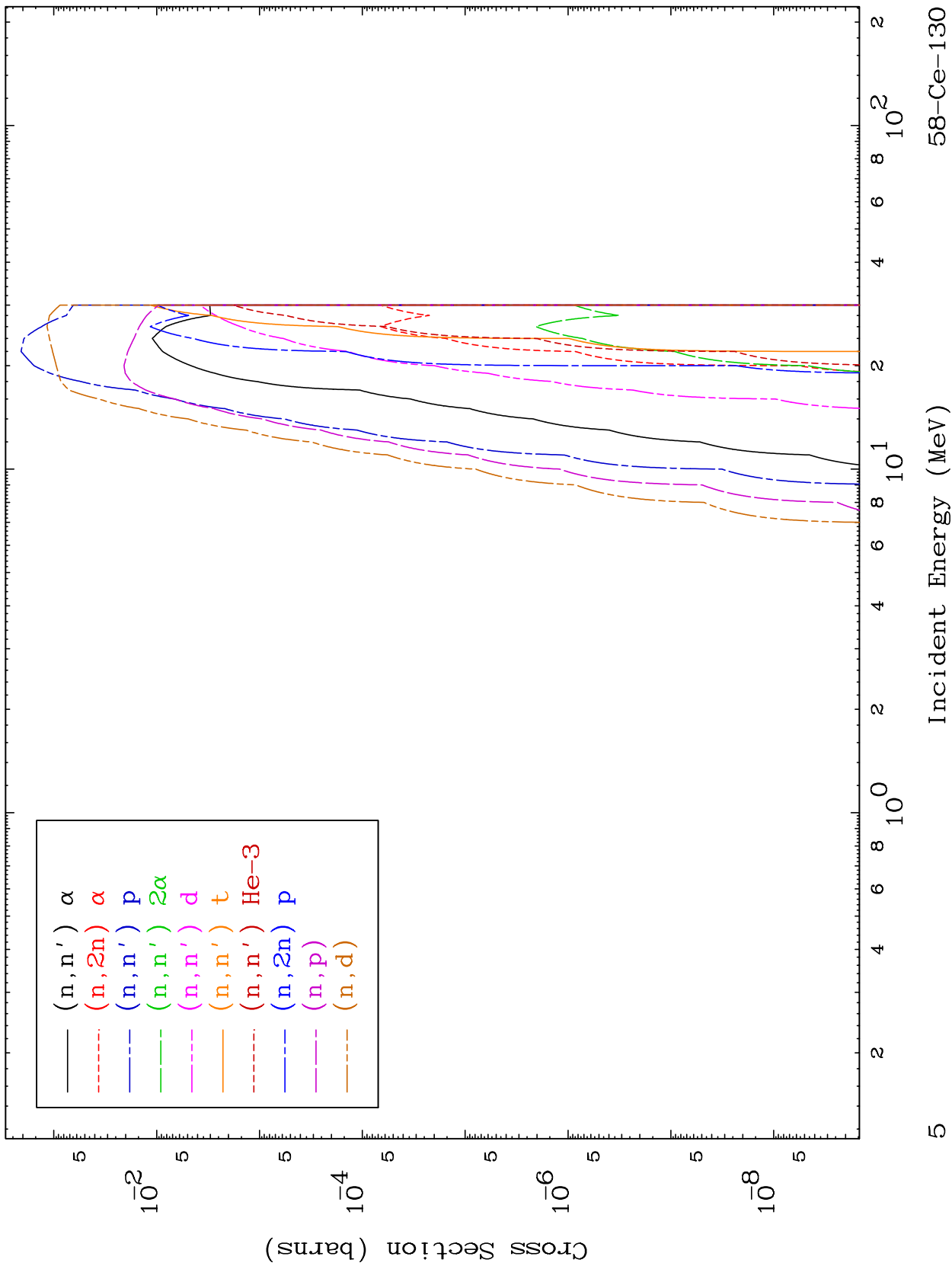


MAT 5807

He-3 Neutron Absorption  
0 Kelvin Cross Sections

58-Ce-130

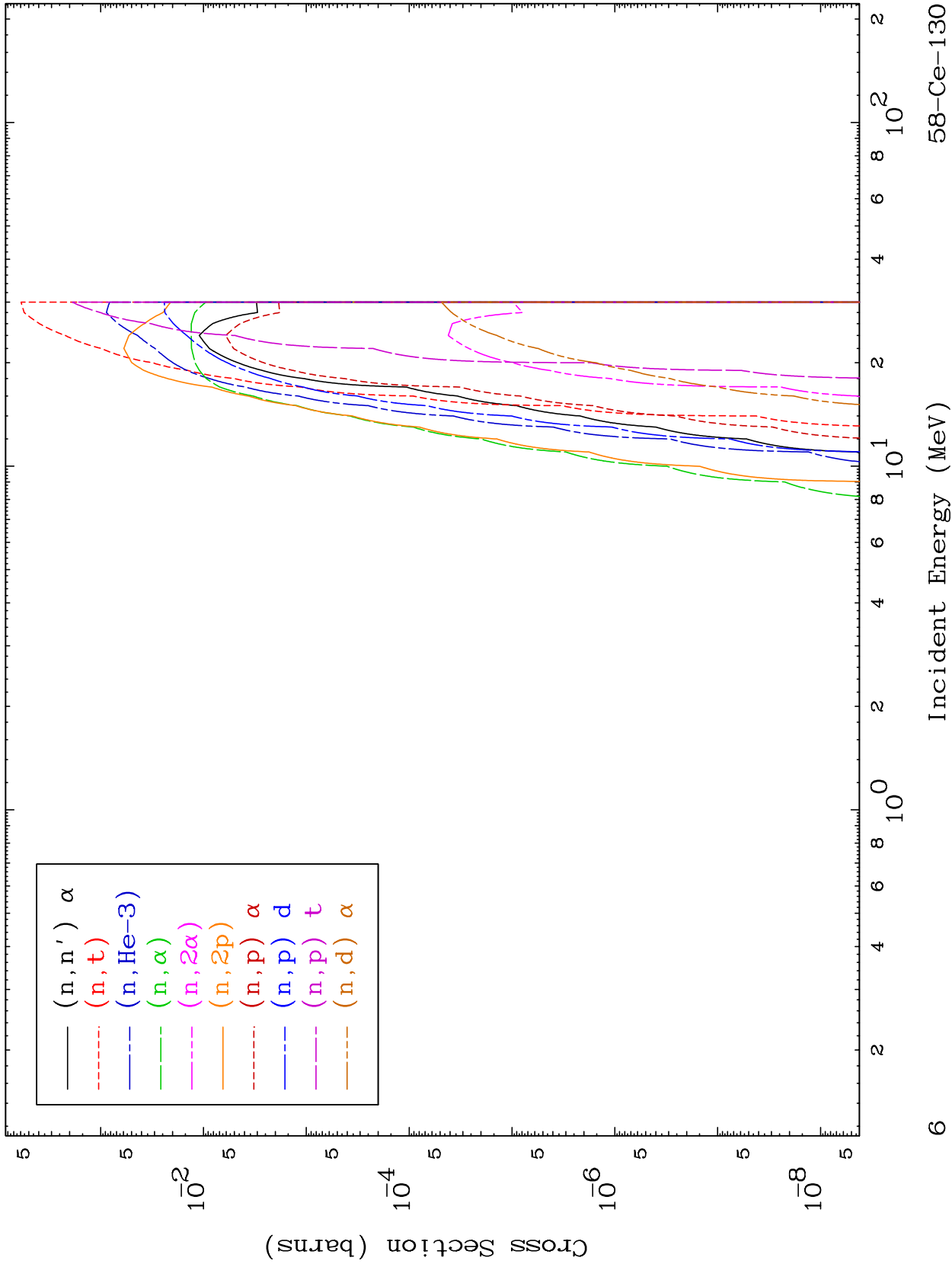




MAT 5807

He-3 Charged Particle  
0 Kelvin Cross Sections

58-Ce-130

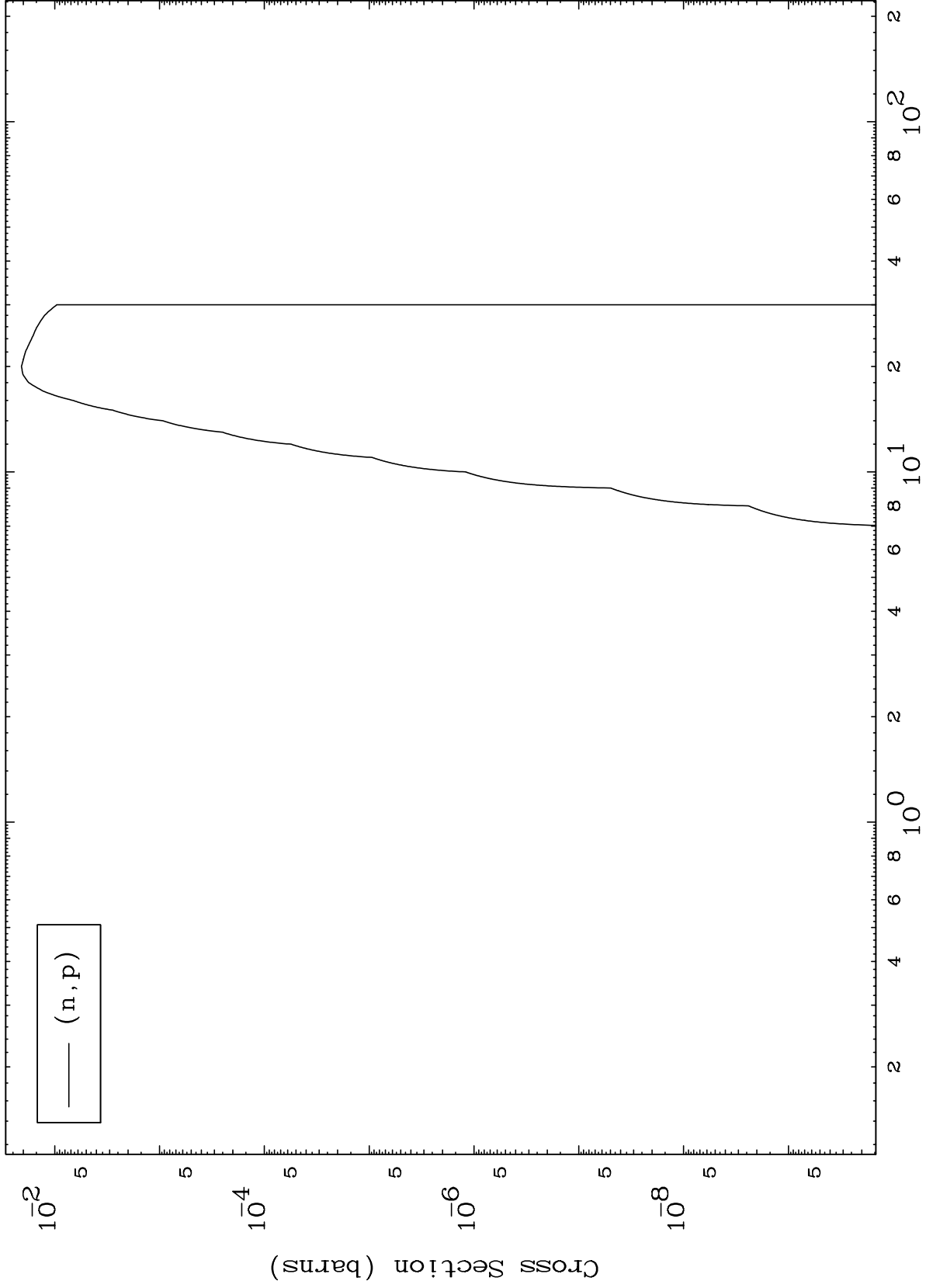


MAT 5807

(He-3,p) Levels

58-Ce-130

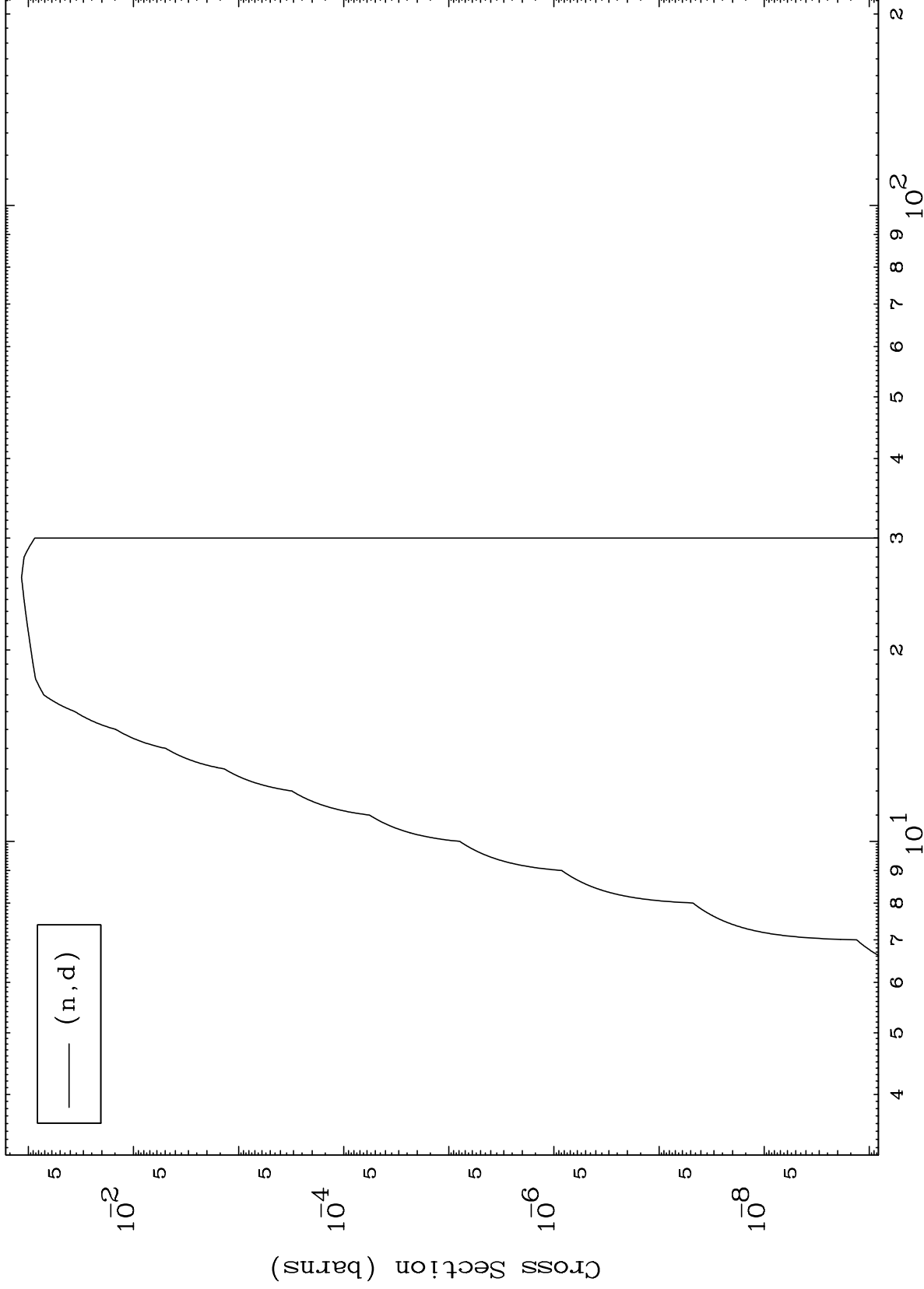
0 Kelvin Cross Sections



MAT 5807

(He-3,d) Levels  
0 Kelvin Cross Sections

58-Ce-130

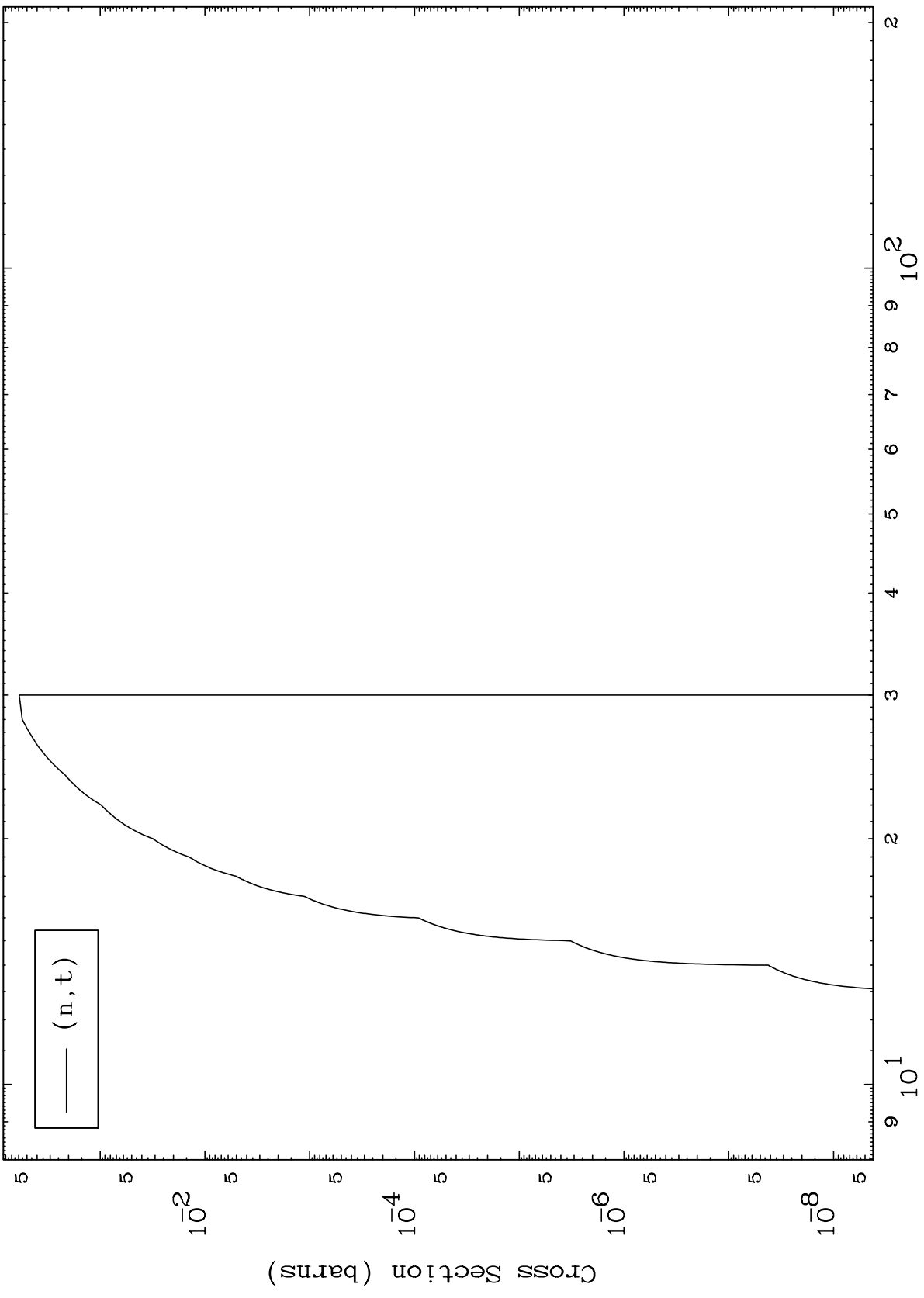


MAT 5807

(He-3,t) Levels

58-Ce-130

0 Kelvin Cross Sections



(n,t)

9

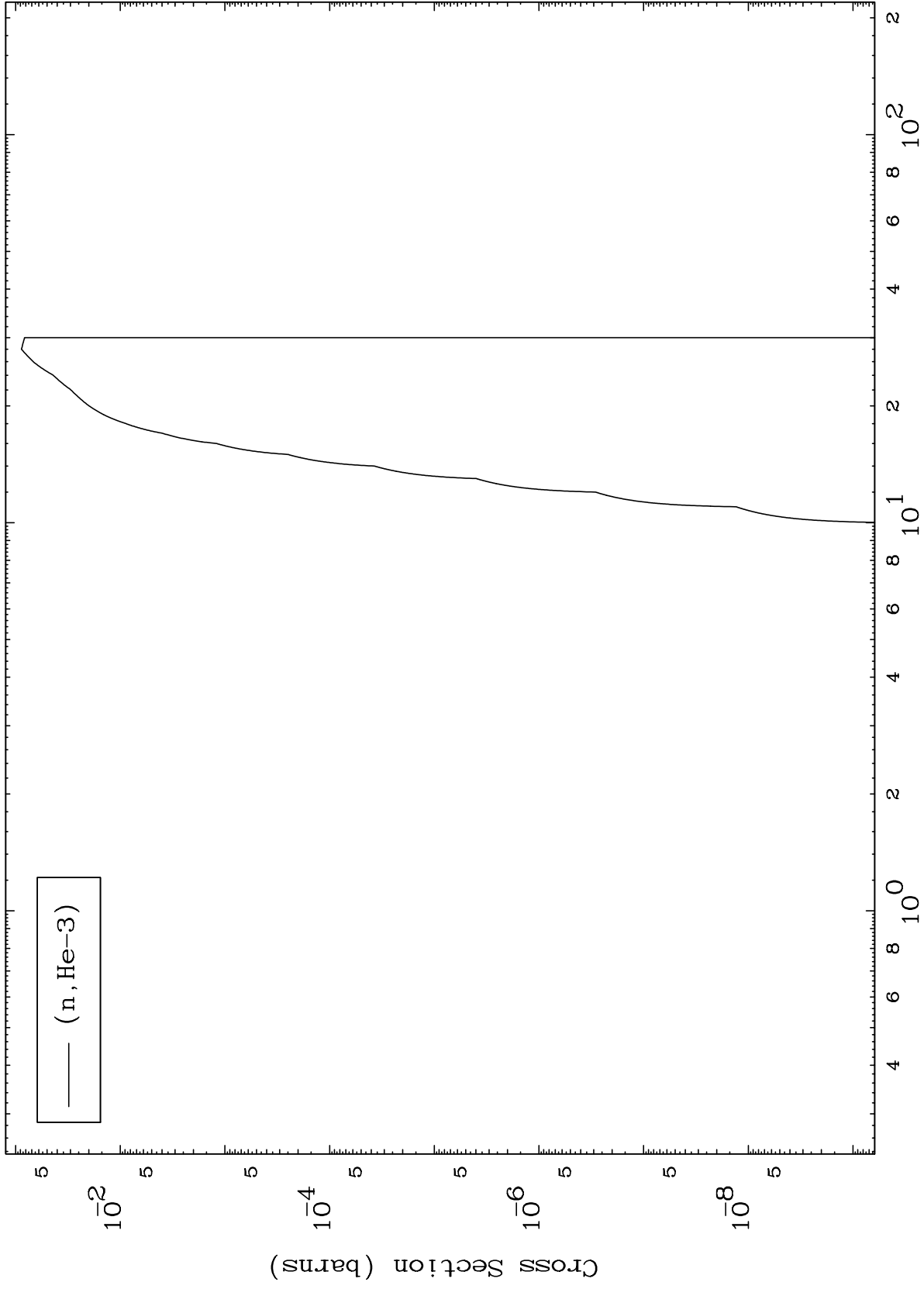
Incident Energy (MeV)

58-Ce-130

MAT 5807

(He-3, He3) Levels  
0 Kelvin Cross Sections

58-Ce-130



10

Incident Energy (MeV)

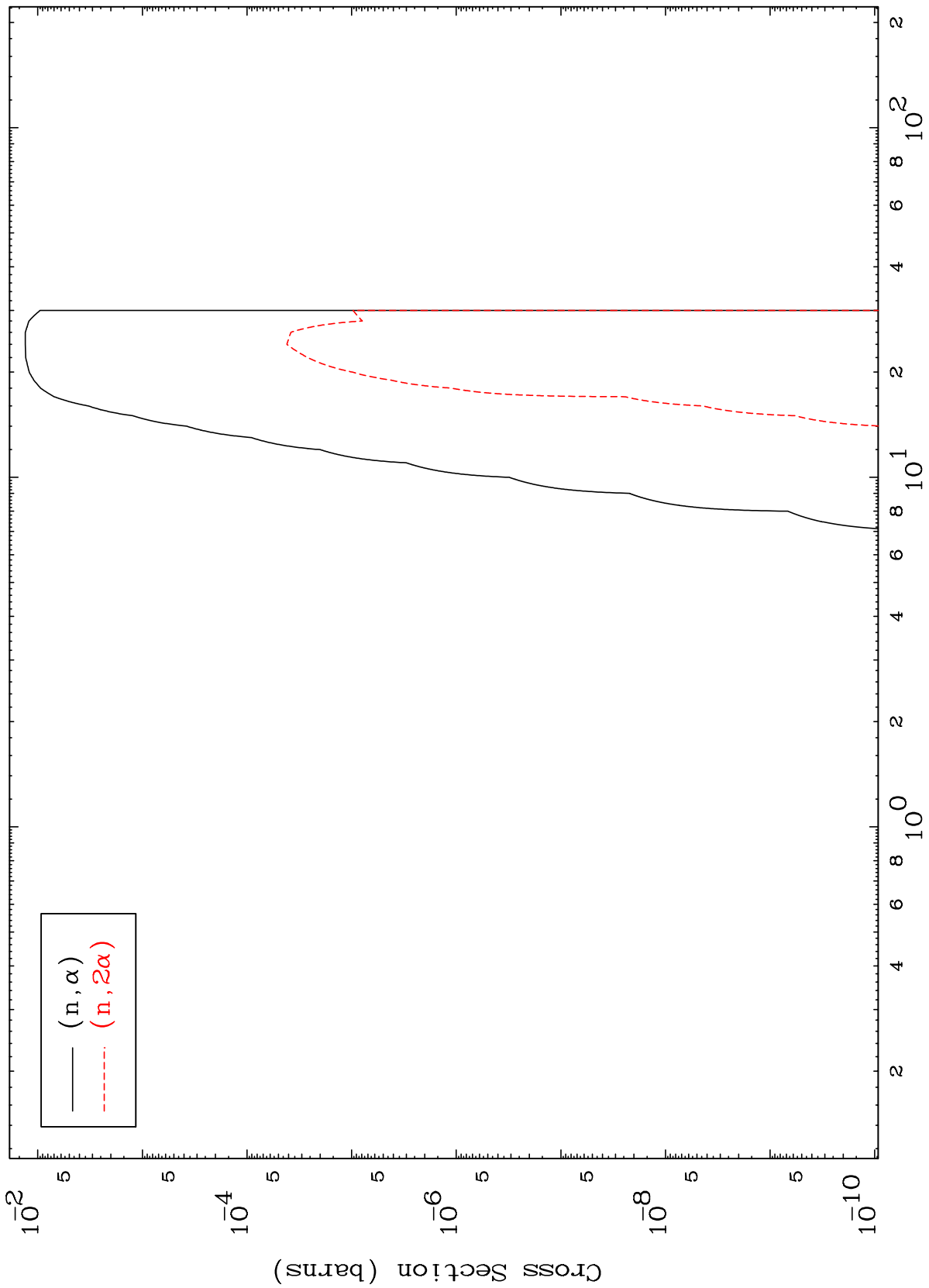
58-Ce-130

MAT 5807

(He-3,  $\alpha$ ) Levels

58-Ce-130

0 Kelvin Cross Sections



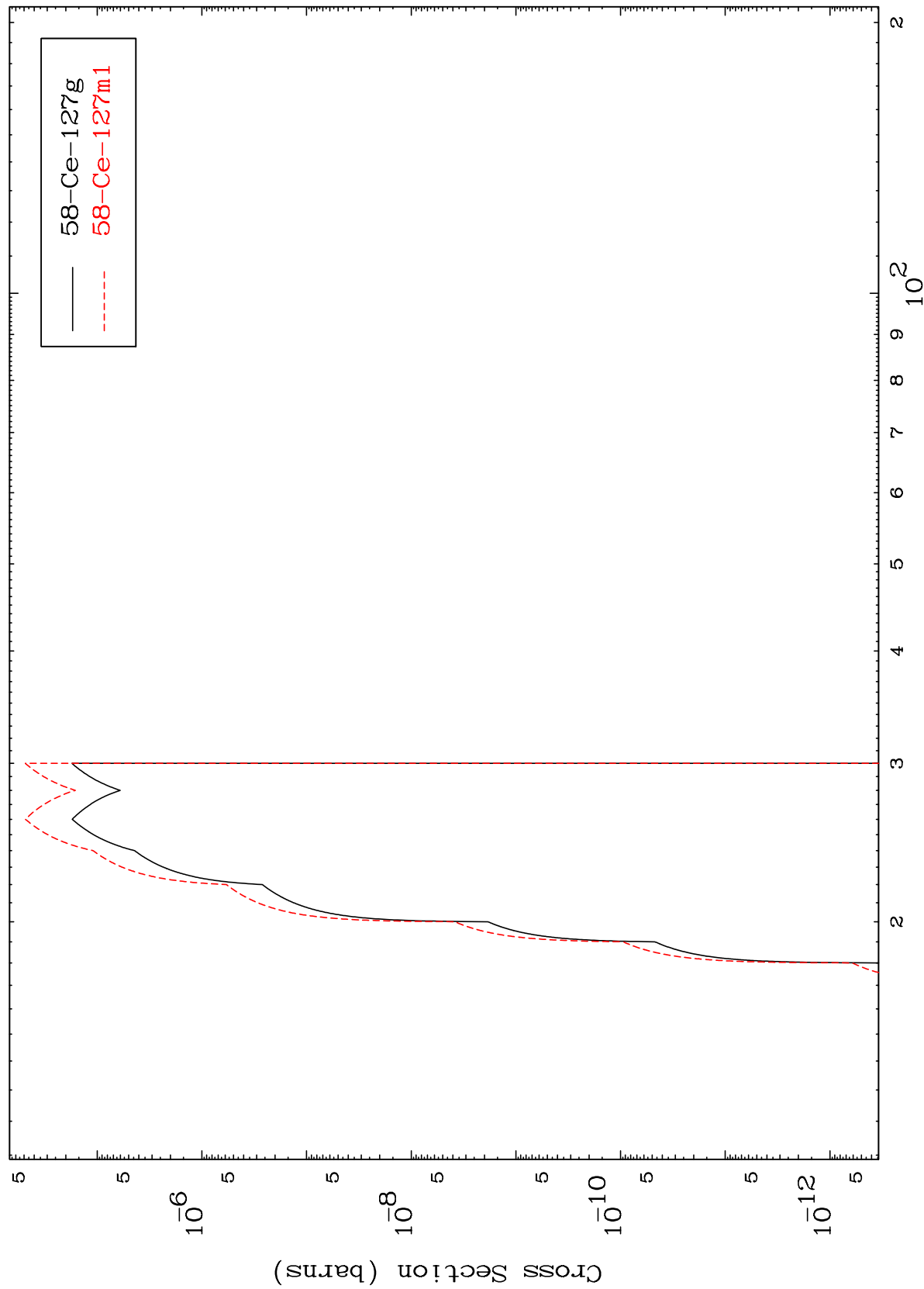
— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

MAT 5807

(n,2n)  $\alpha$

58-Ce-130

Radionuclide Production Cross Section



12

Incident Energy (MeV)

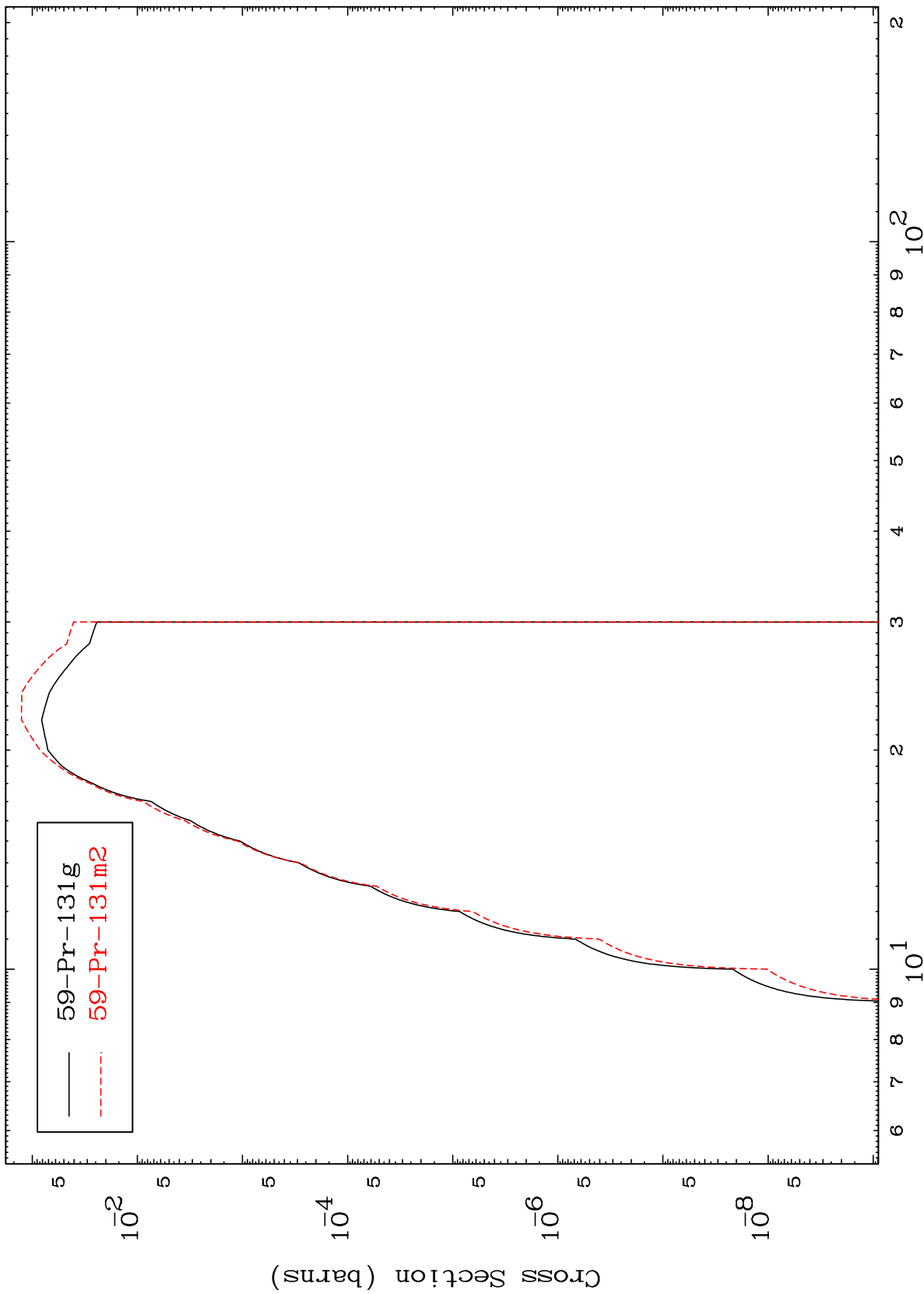
58-Ce-130

MAT 5807

(n,n') p

58-Ce-130

Radionuclide Production Cross Section



59-Pr-131g  
59-Pr-131m2

13

Incident Energy (MeV)

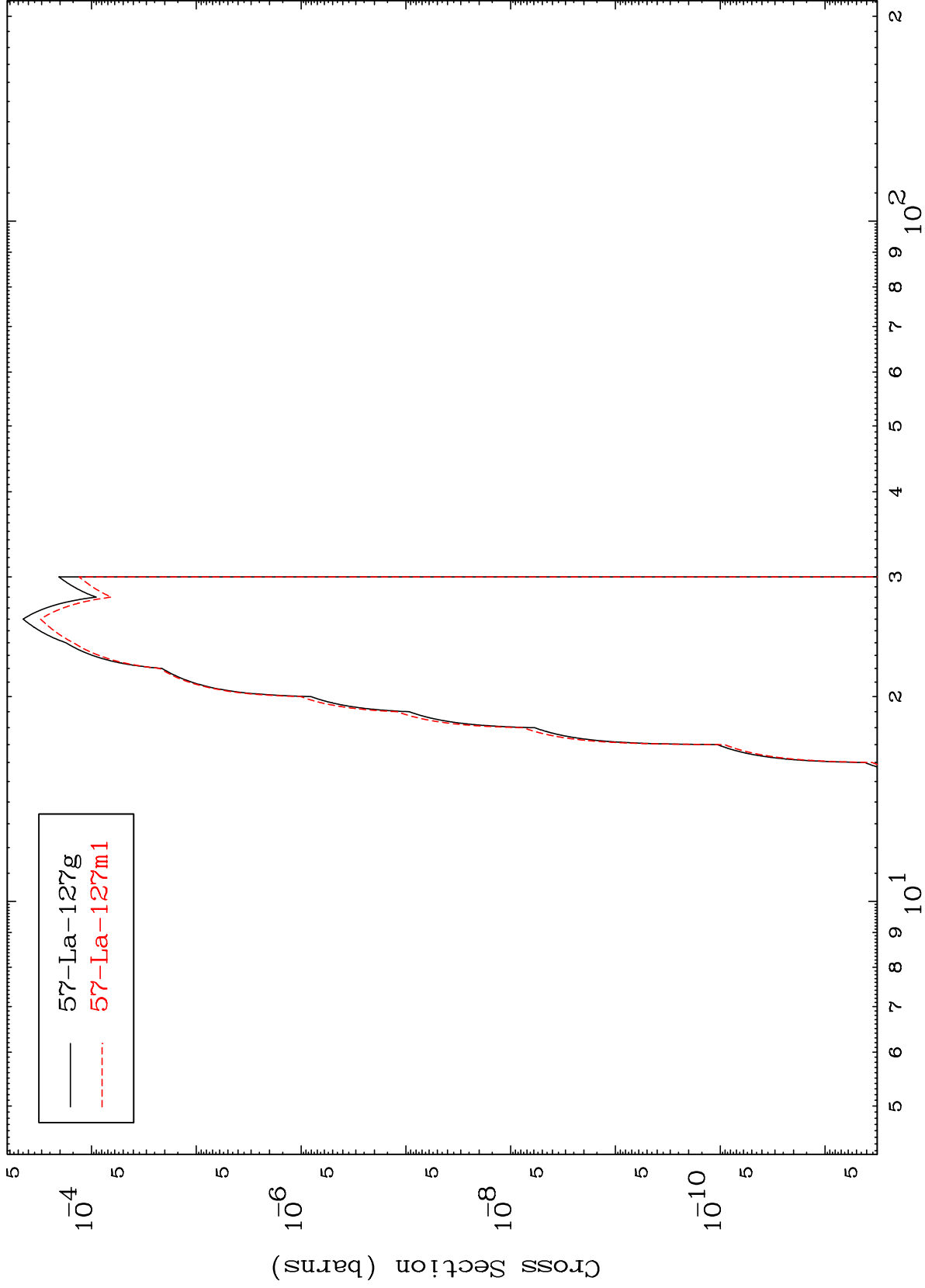
58-Ce-130

MAT 5807

(n,n') p  $\alpha$

58-Ce-130

Radionuclide Production Cross Section



14

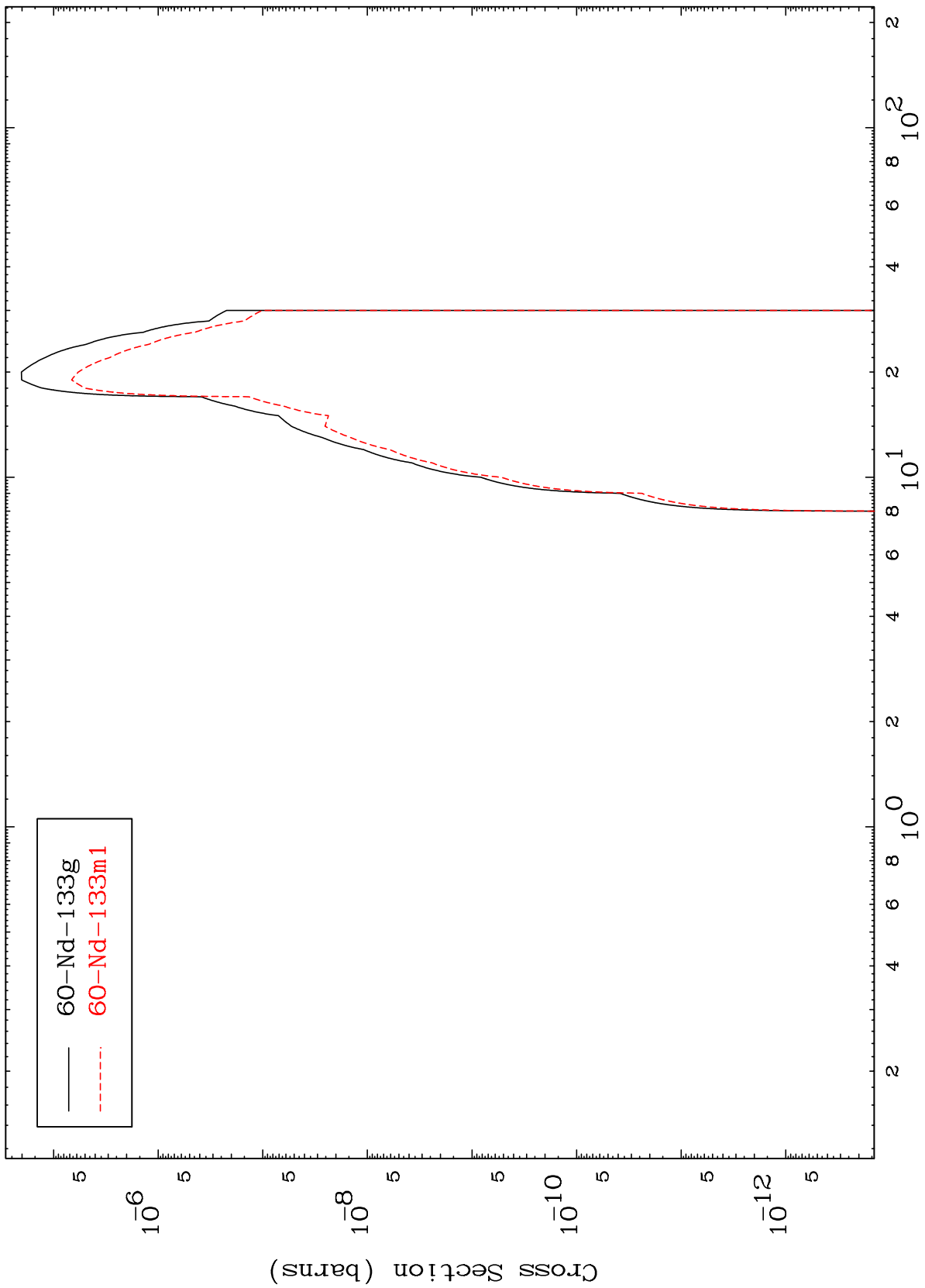
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

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



15

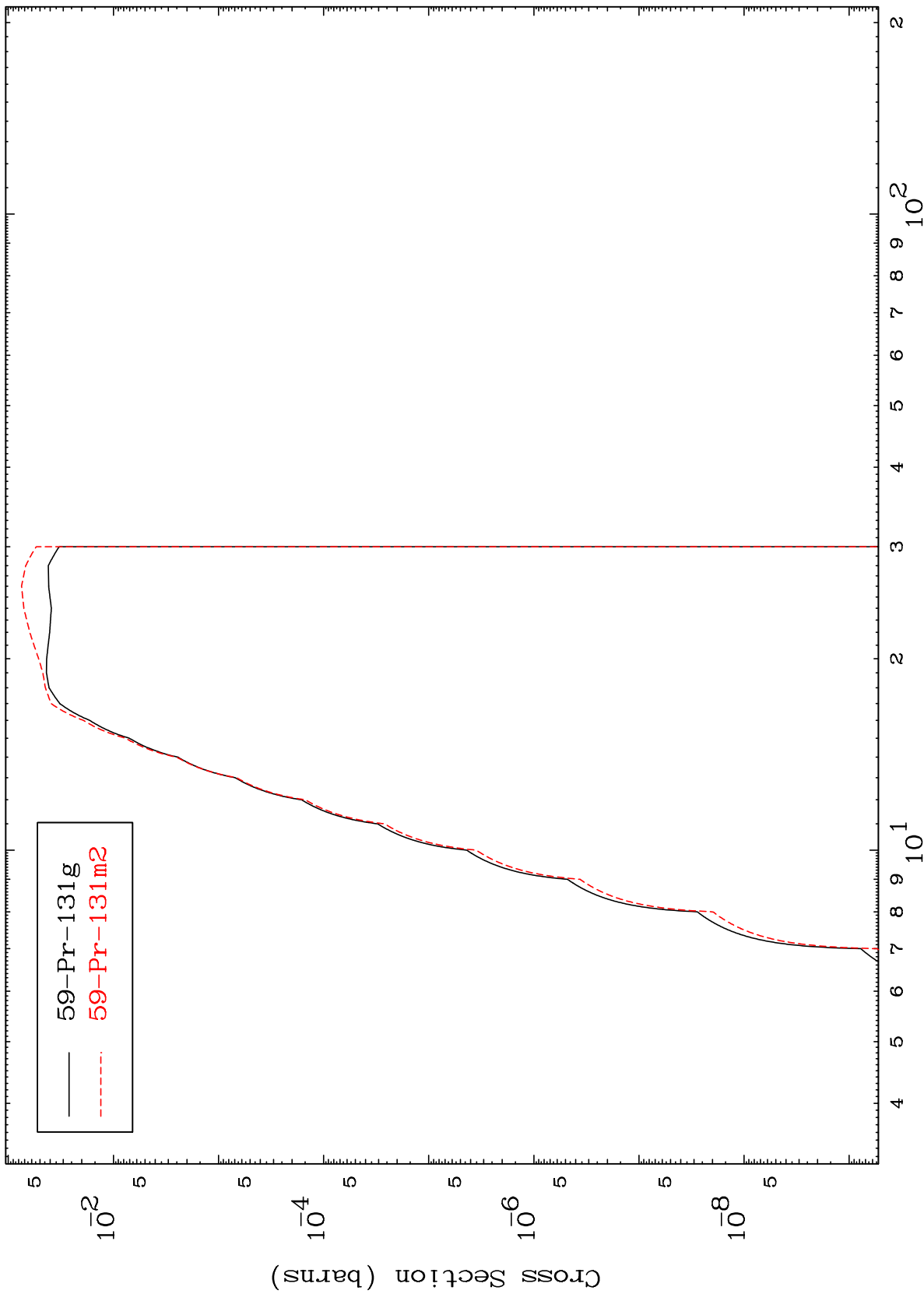
58-Ce-130

Incident Energy (MeV)

MAT 5807

58-Ce-130

(n,d)  
Radionuclide Production Cross Section



16

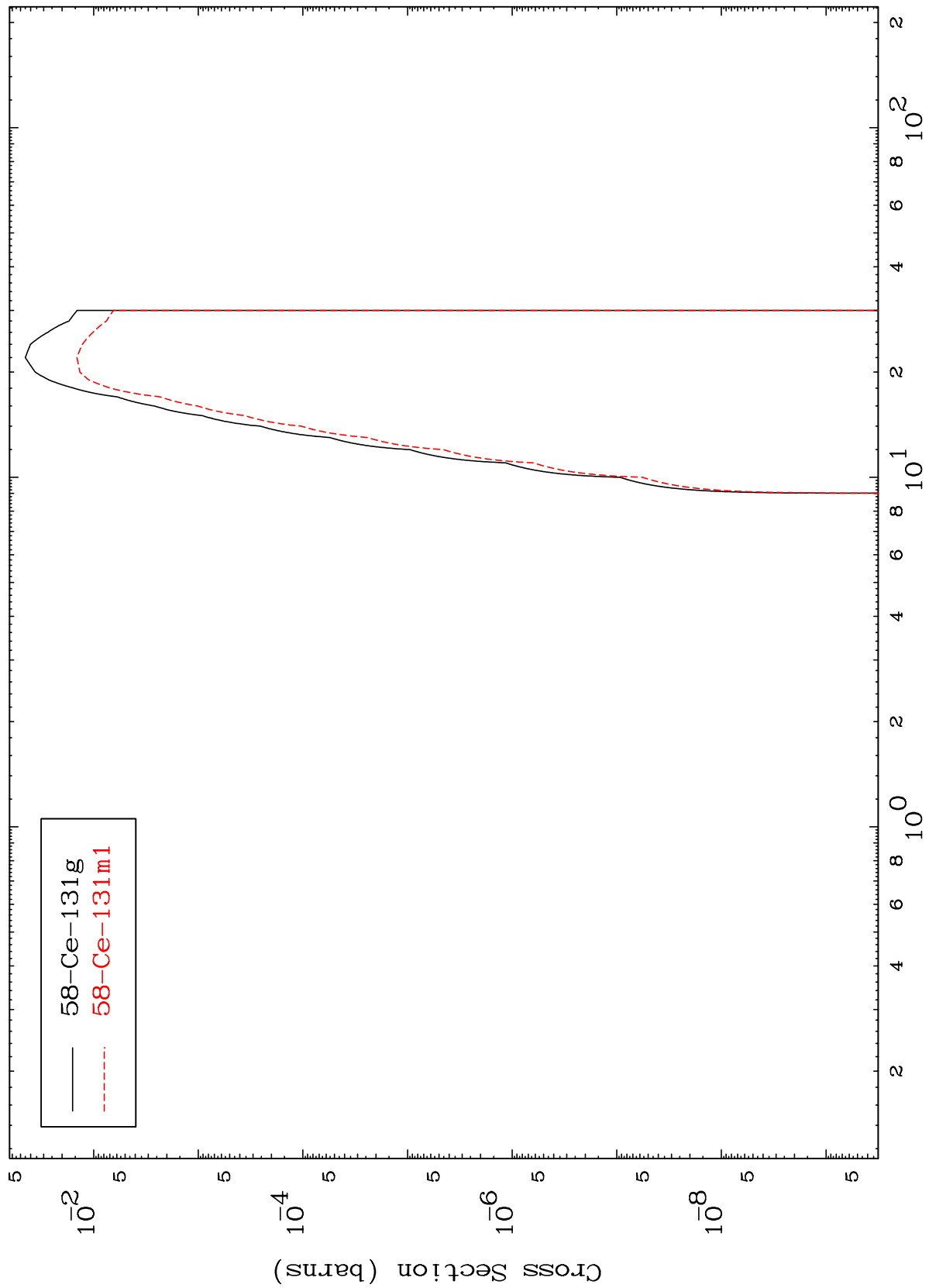
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

(n,2p)  
Radionuclide Production Cross Section



58-Ce-131g  
58-Ce-131m1

58-Ce-130

Incident Energy (MeV)

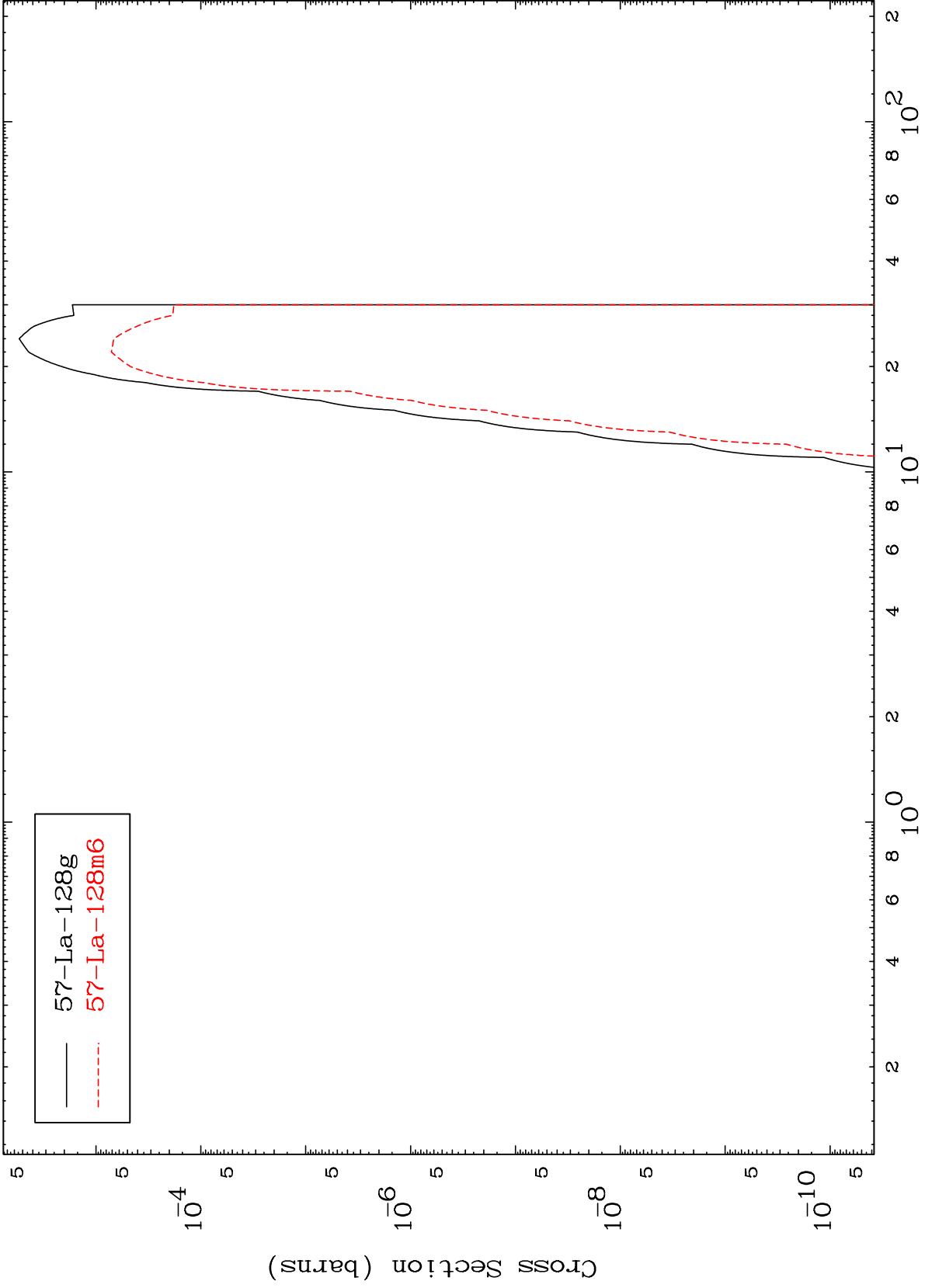
17

MAT 5807

(n,p)  $\alpha$

58-Ce-130

Radionuclide Production Cross Section



18

Incident Energy (MeV)

58-Ce-130

MAT 5807

(n,d)  $\alpha$

58-Ce-130

Radionuclide Production Cross Section

