

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

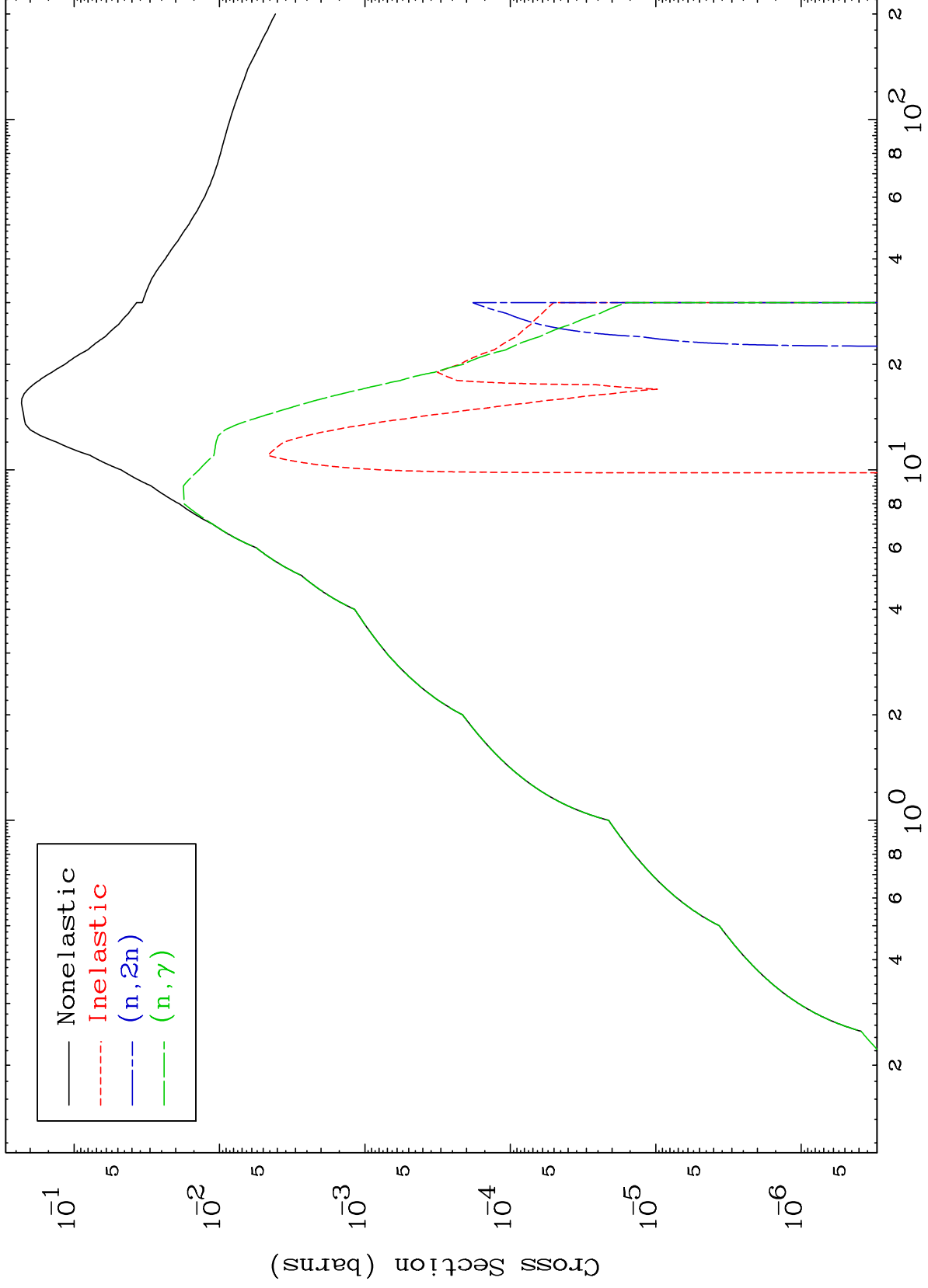
Web:redcullen1.net/HOMEPAGE.NEW

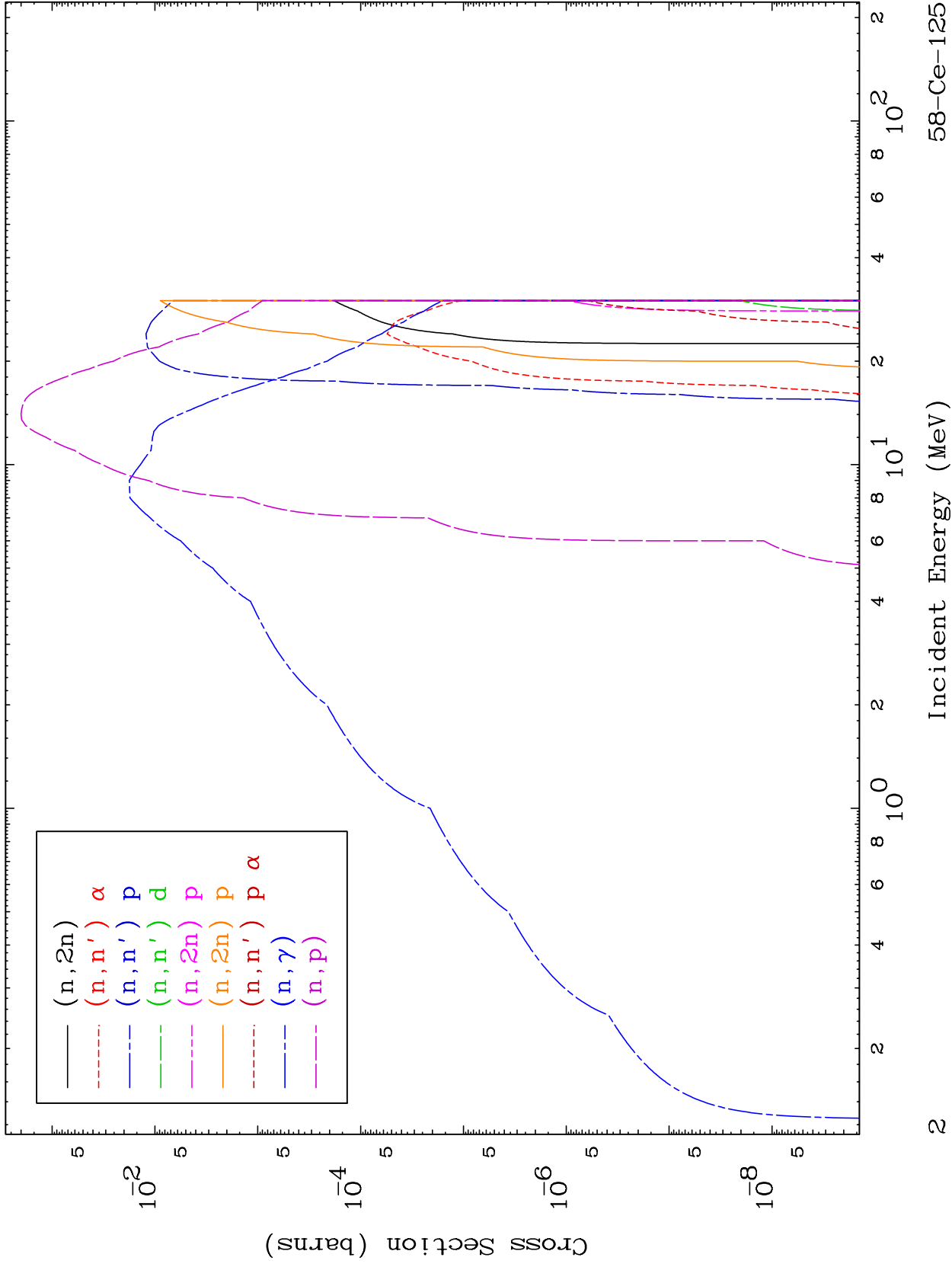
Press Mouse Button to Start

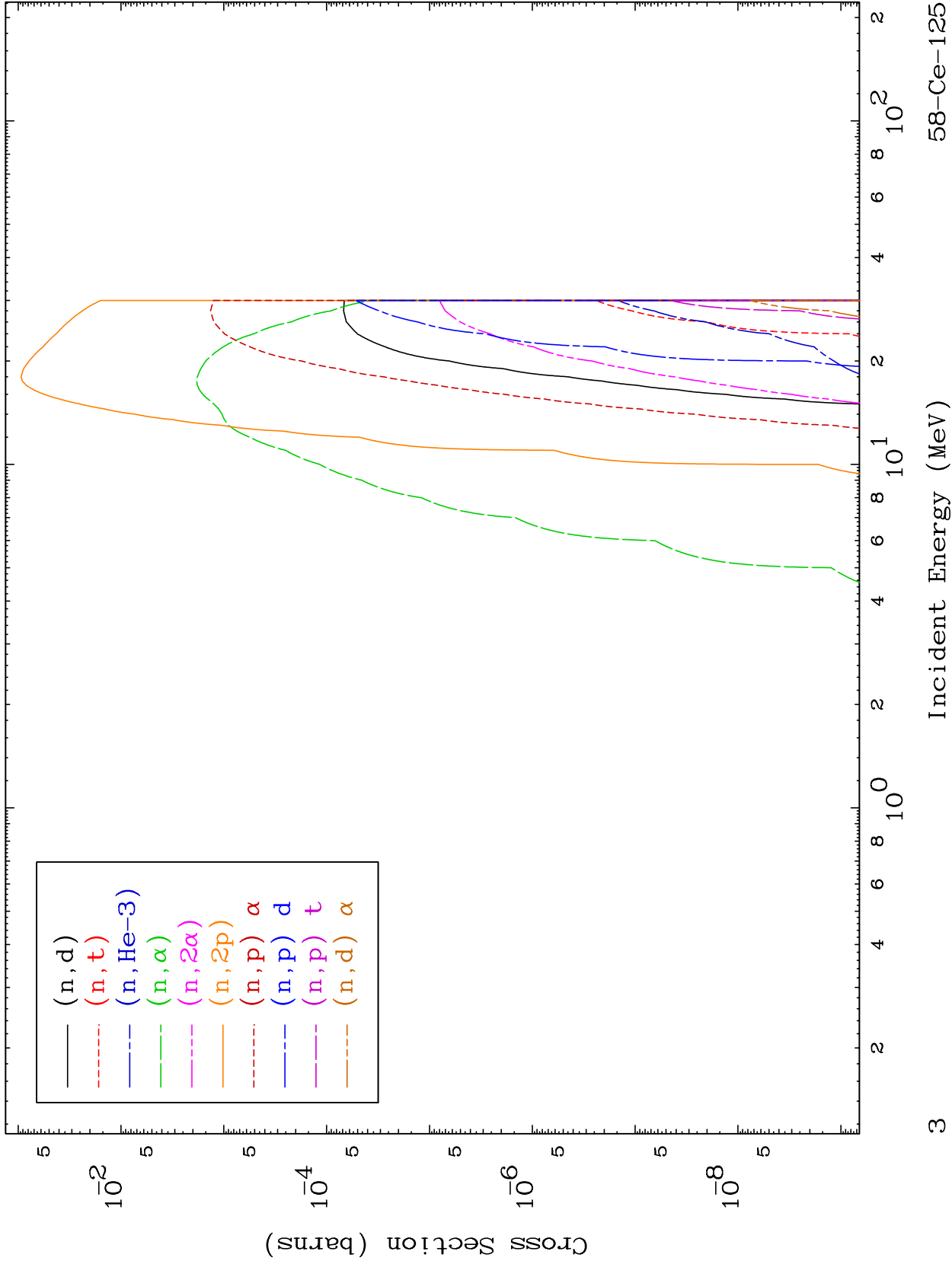
MAT 5792

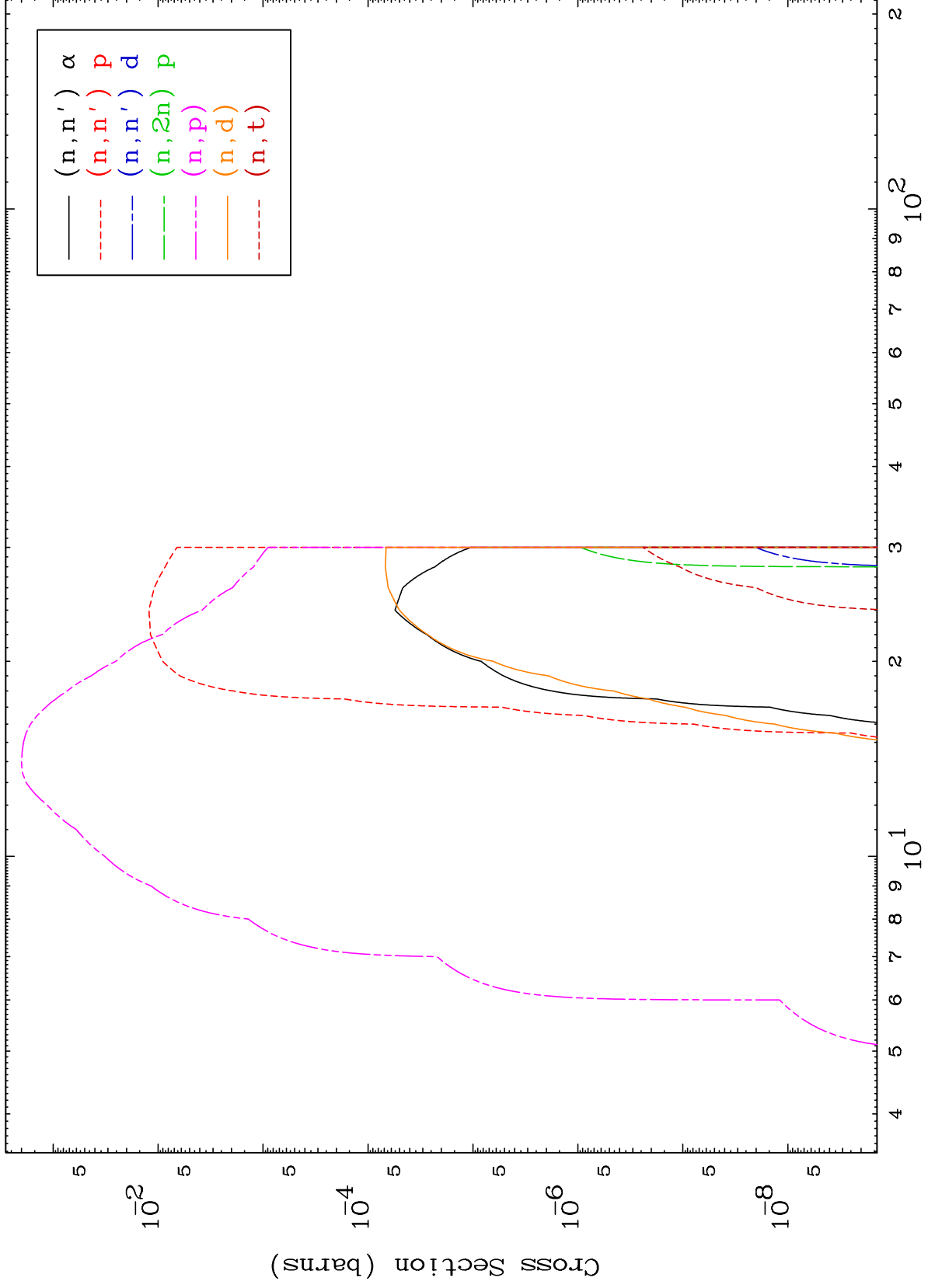
Photon Major
0 Kelvin Cross Sections

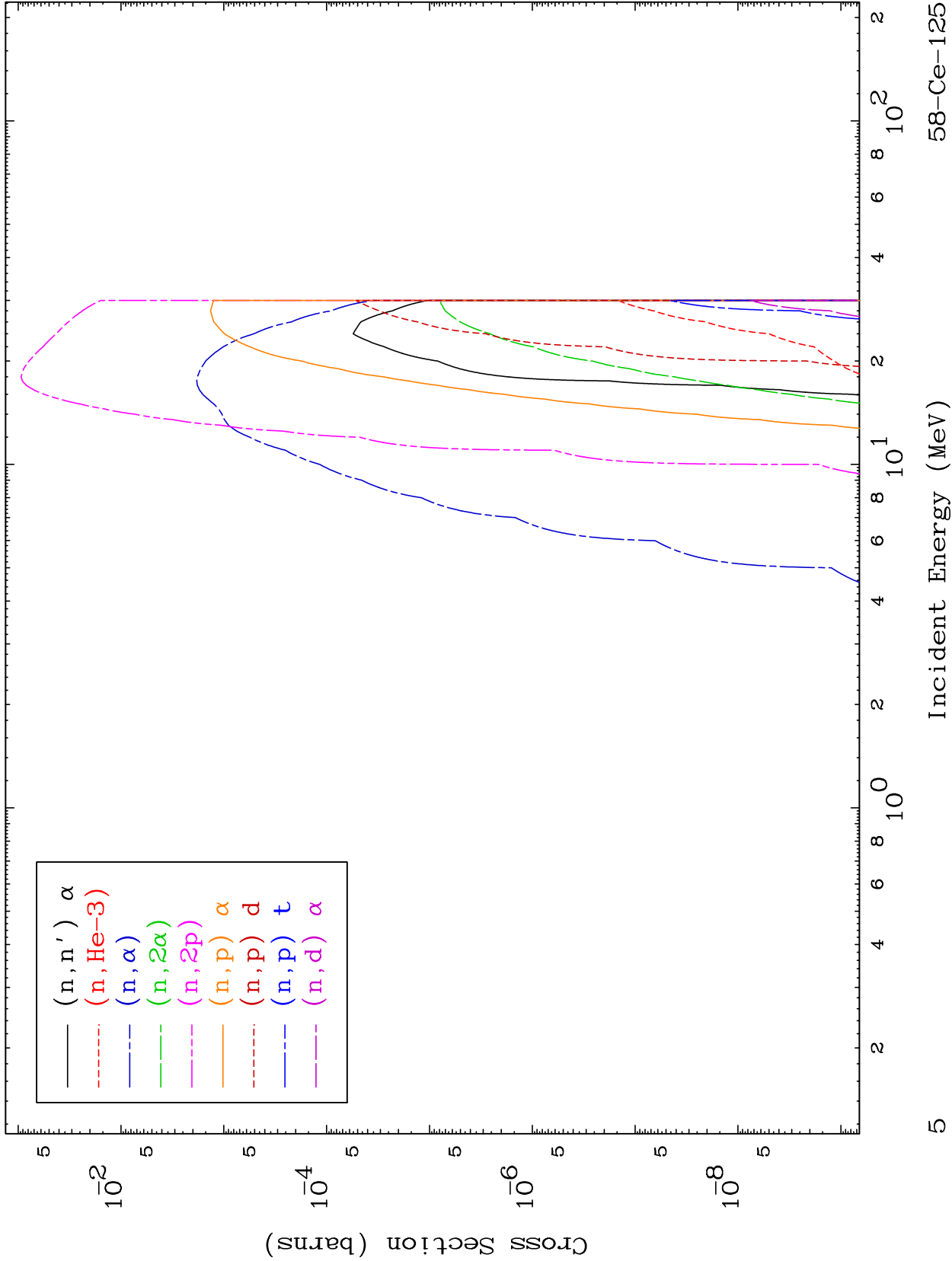
58-Ce-125







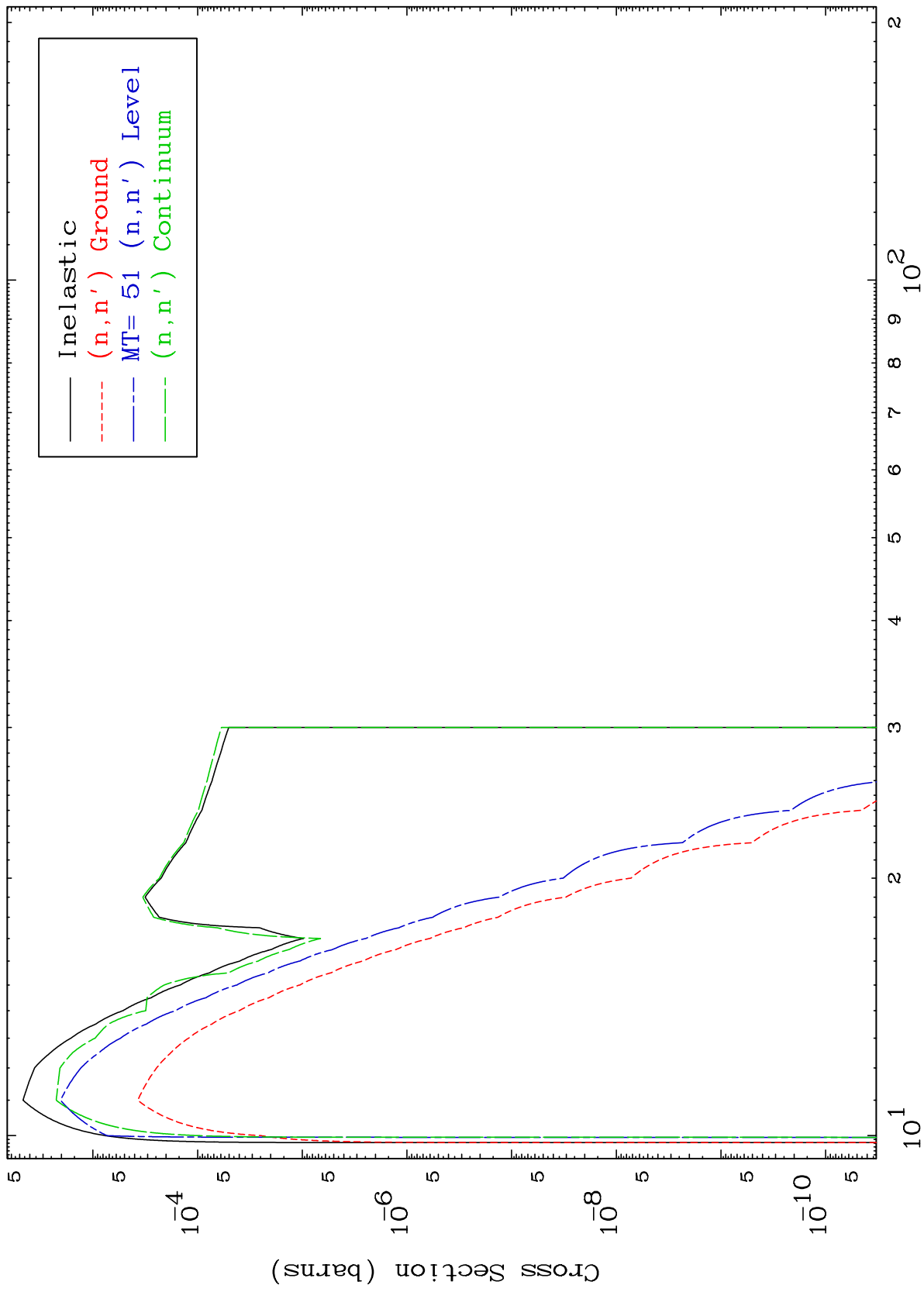




MAT 5792

58-Ce-125

(γ, n') Levels
0 Kelvin Cross Sections



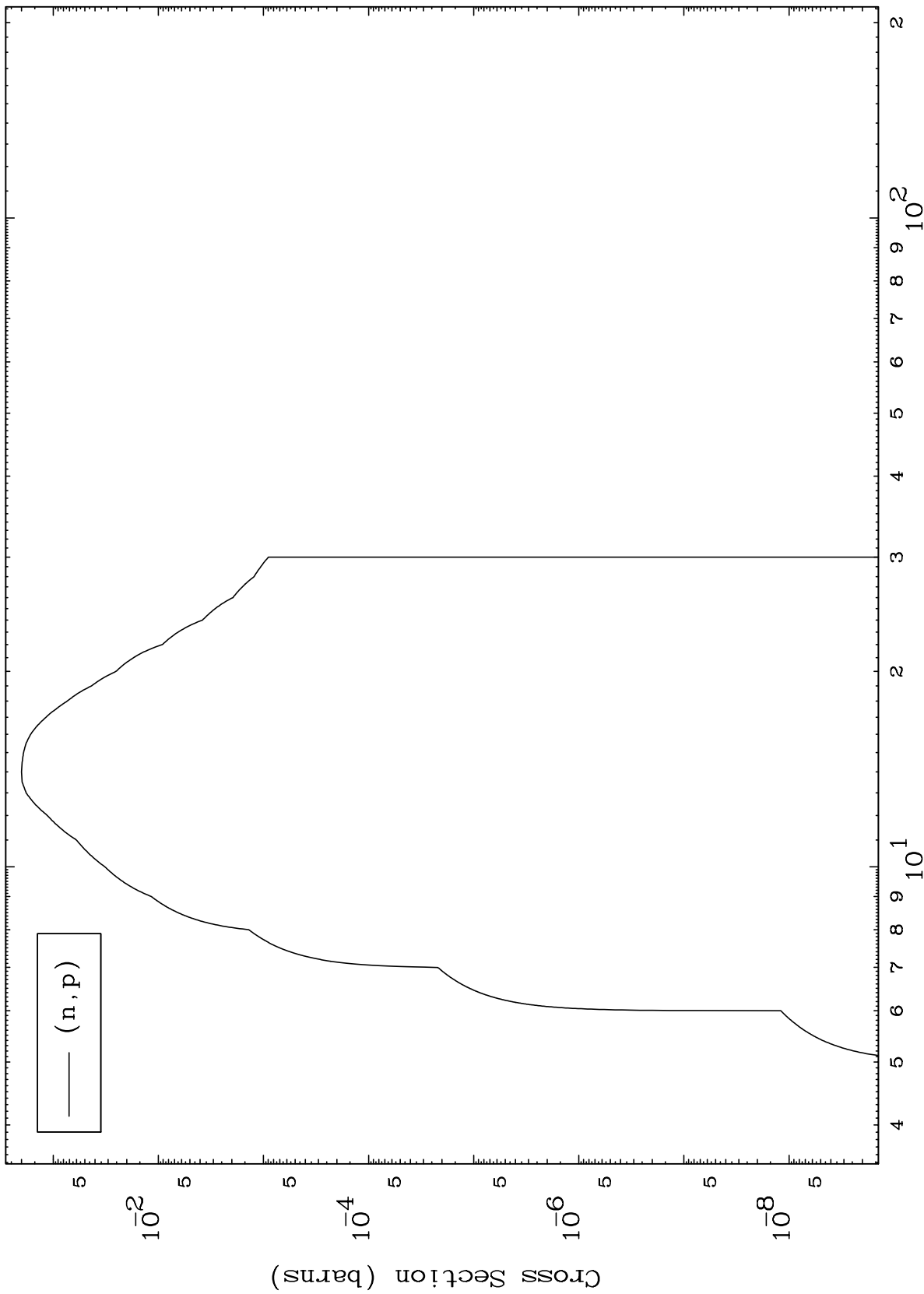
58-Ce-125

Incident Energy (MeV)

MAT 5792

58-Ce-125

(γ, p) Levels
0 Kelvin Cross Sections



58-Ce-125

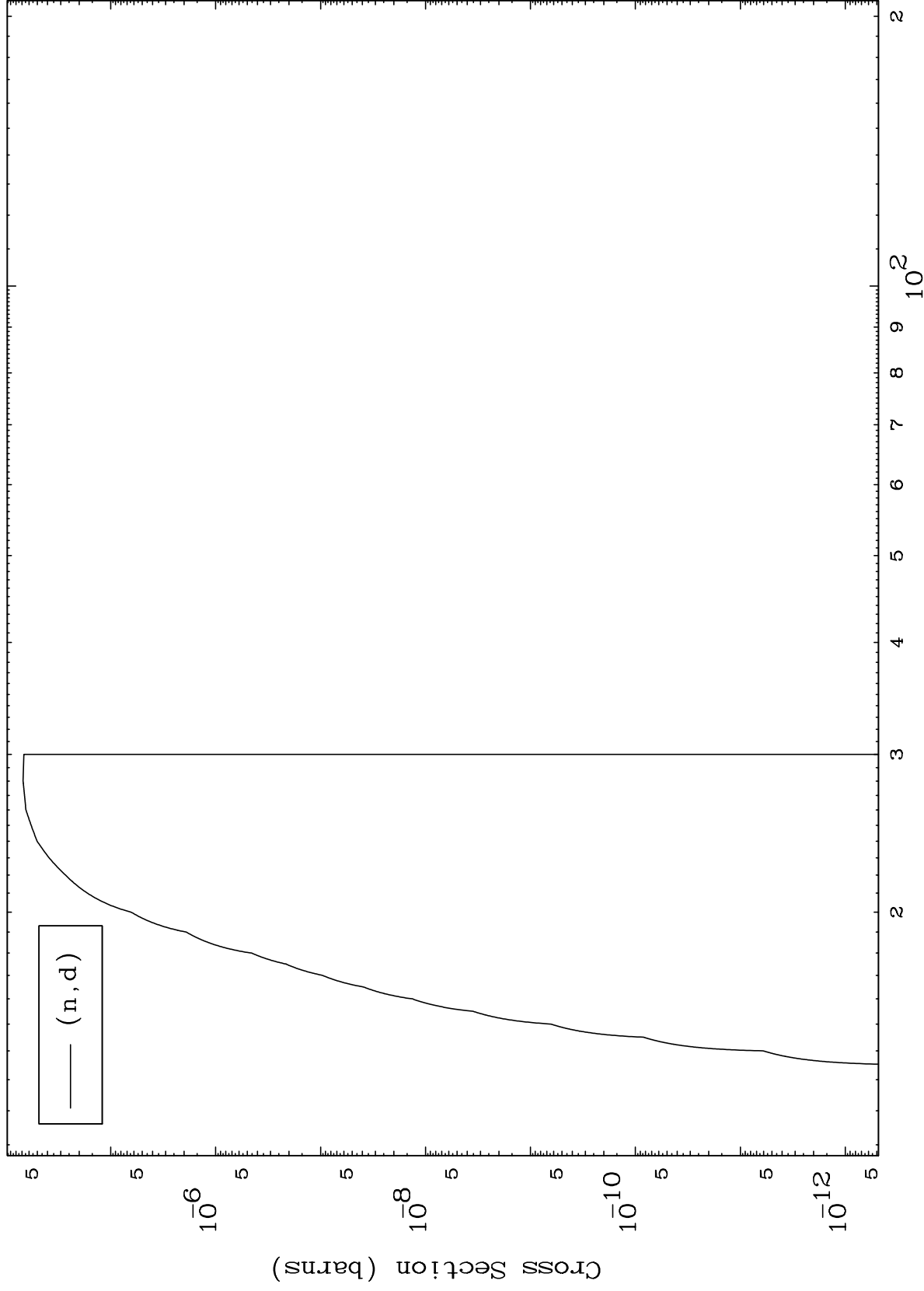
Incident Energy (MeV)

7

MAT 5792

58-Ce-125

(γ, d) Levels
0 Kelvin Cross Sections



58-Ce-125

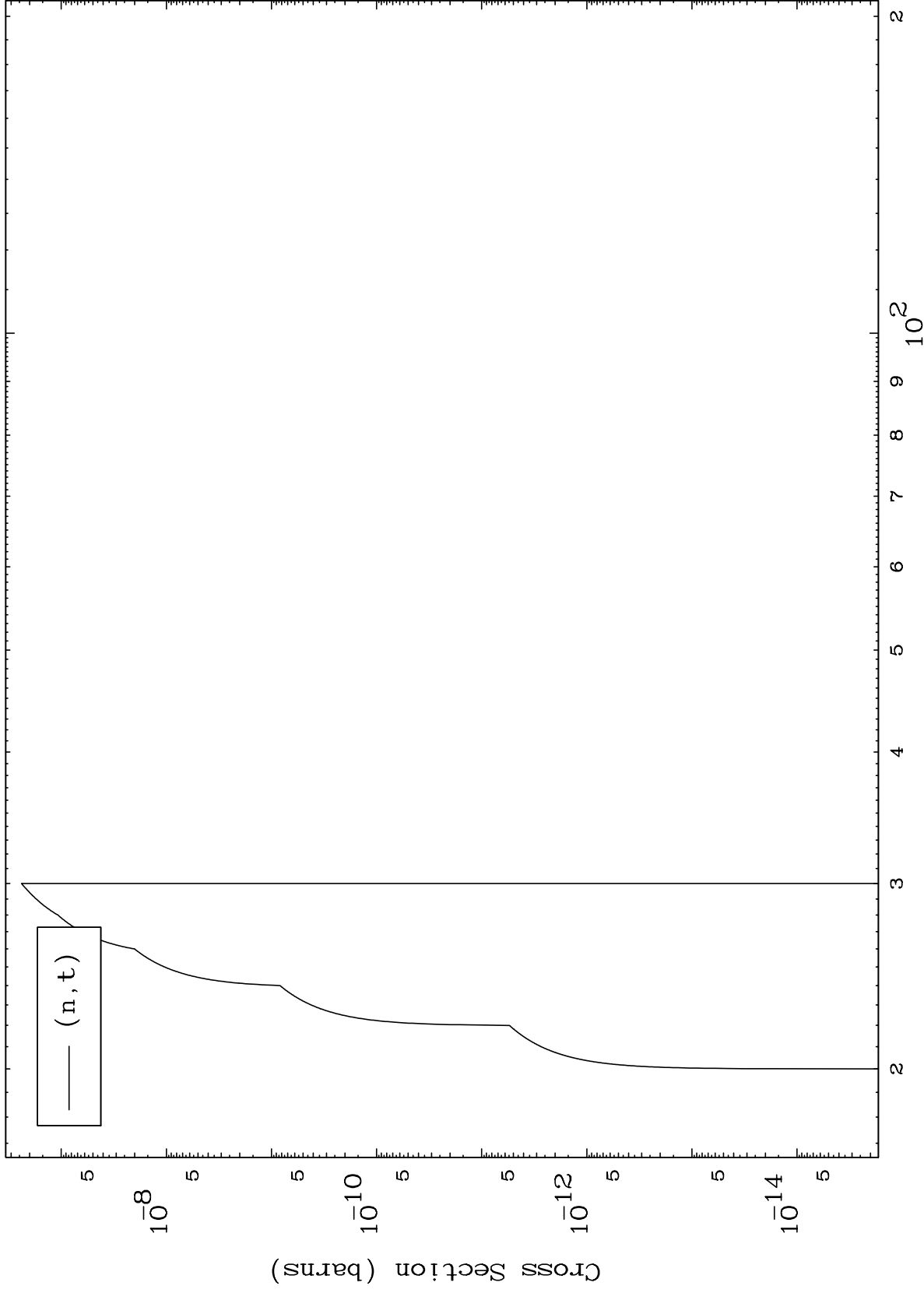
Incident Energy (MeV)

8

MAT 5792

(γ, t) Levels
0 Kelvin Cross Sections

58-Ce-125



9

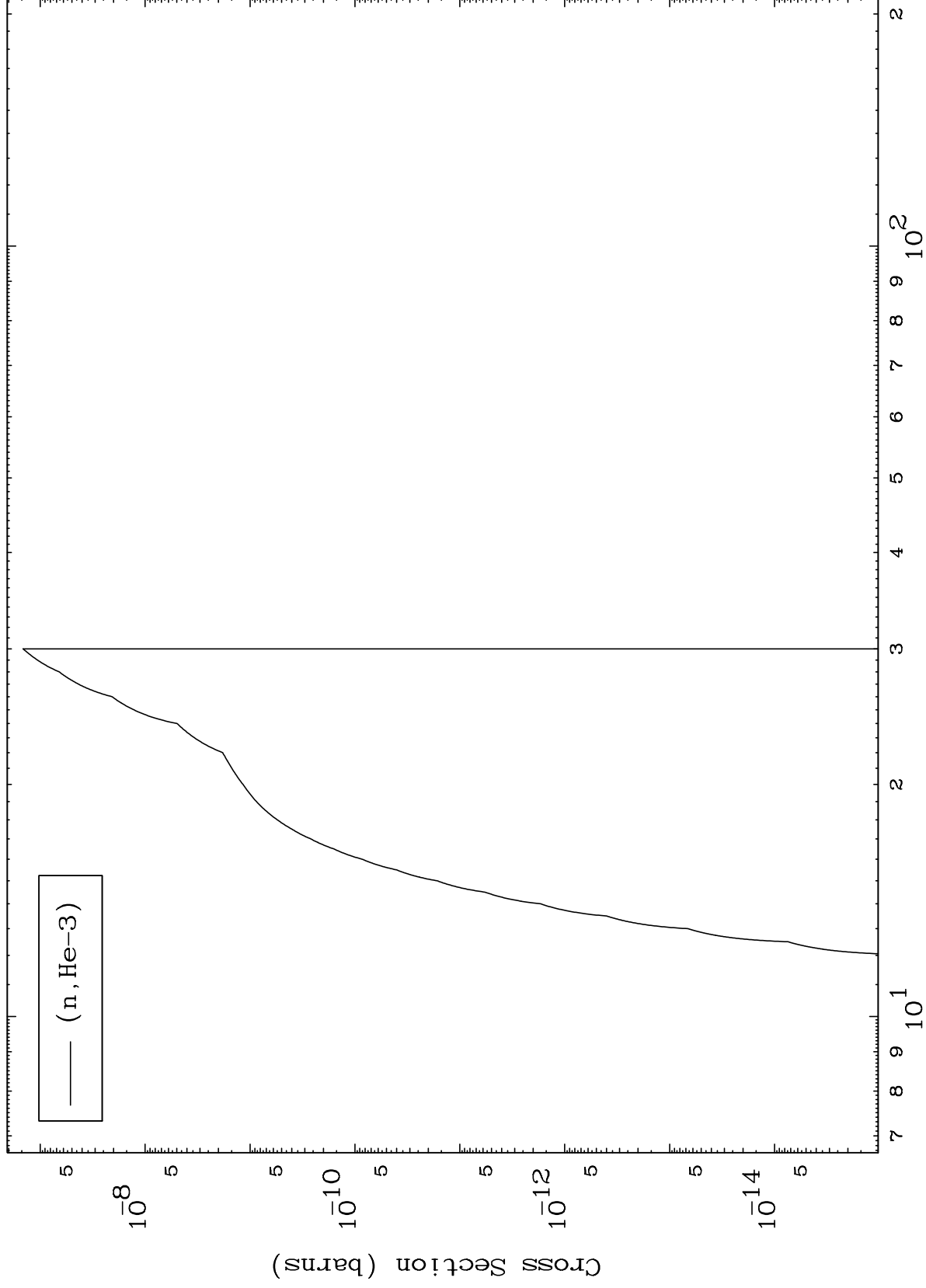
Incident Energy (MeV)

58-Ce-125

MAT 5792

(γ , He3) Levels
0 Kelvin Cross Sections

58-Ce-125



10

Incident Energy (MeV)

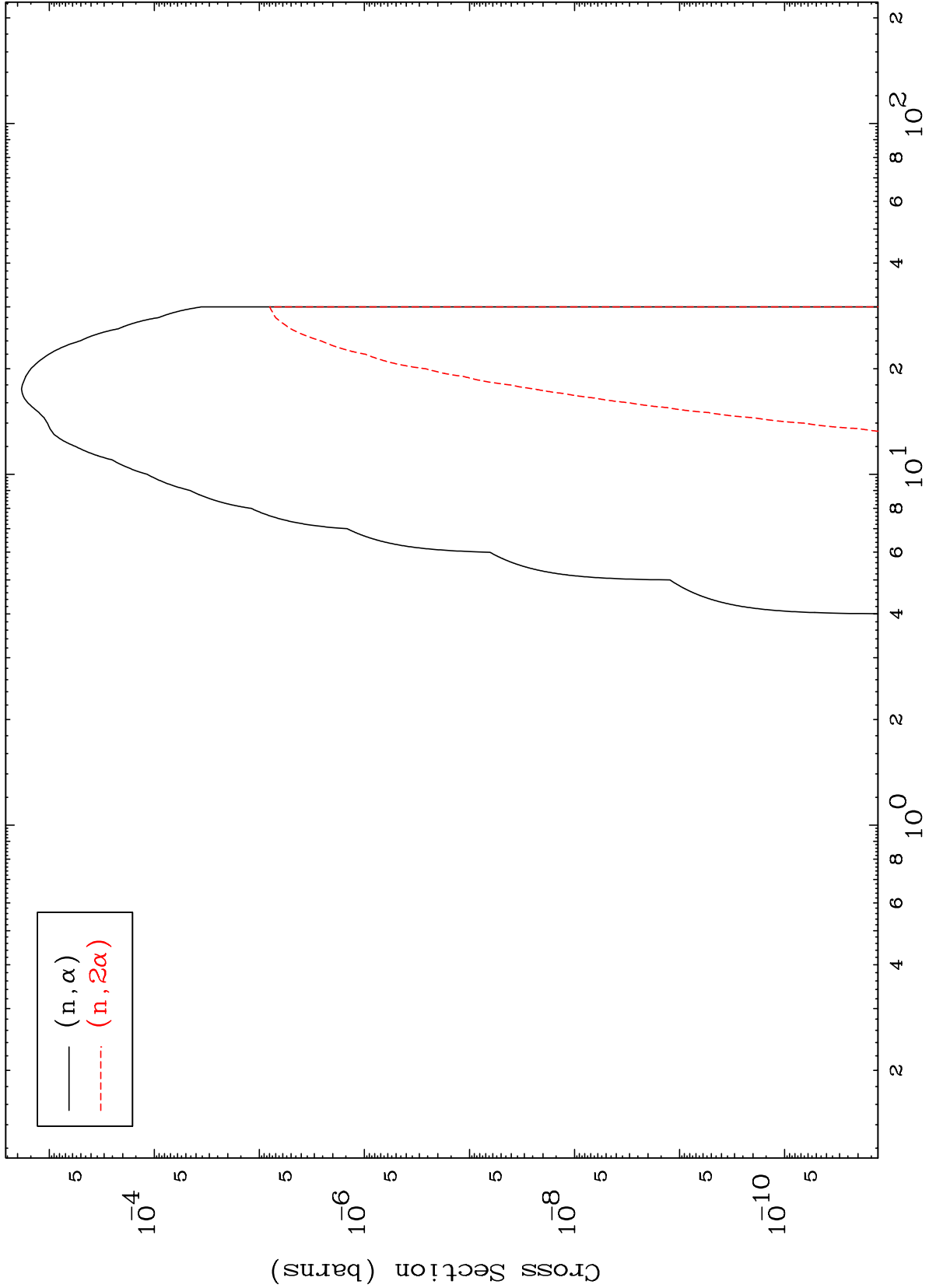
58-Ce-125

MAT 5792

(γ, α) Levels

58-Ce-125

0 Kelvin Cross Sections



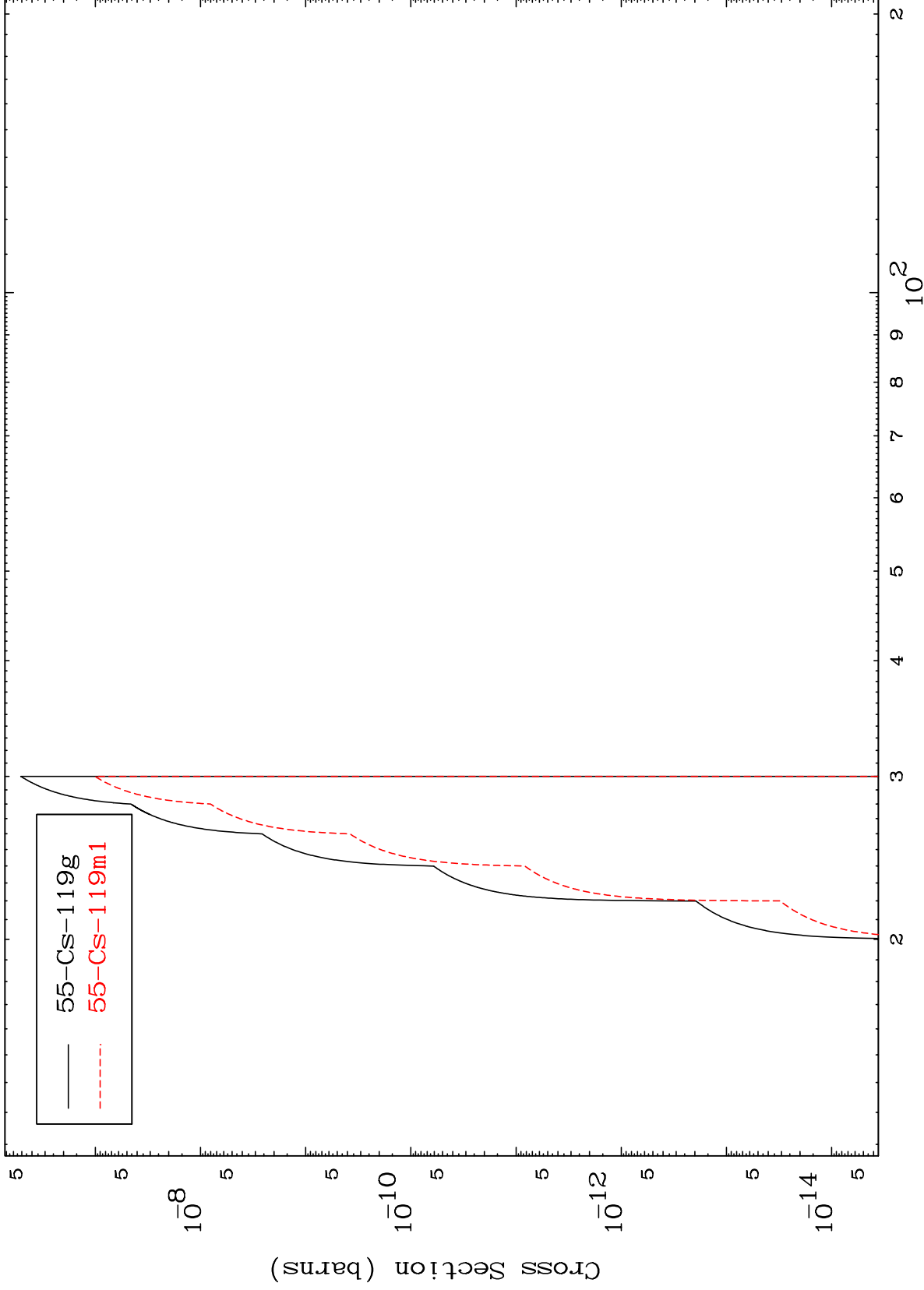
— (n, α)
- - - (n, 2α)

MAT 5792

(n,n') p α

58-Ce-125

Radionuclide Production Cross Section



12

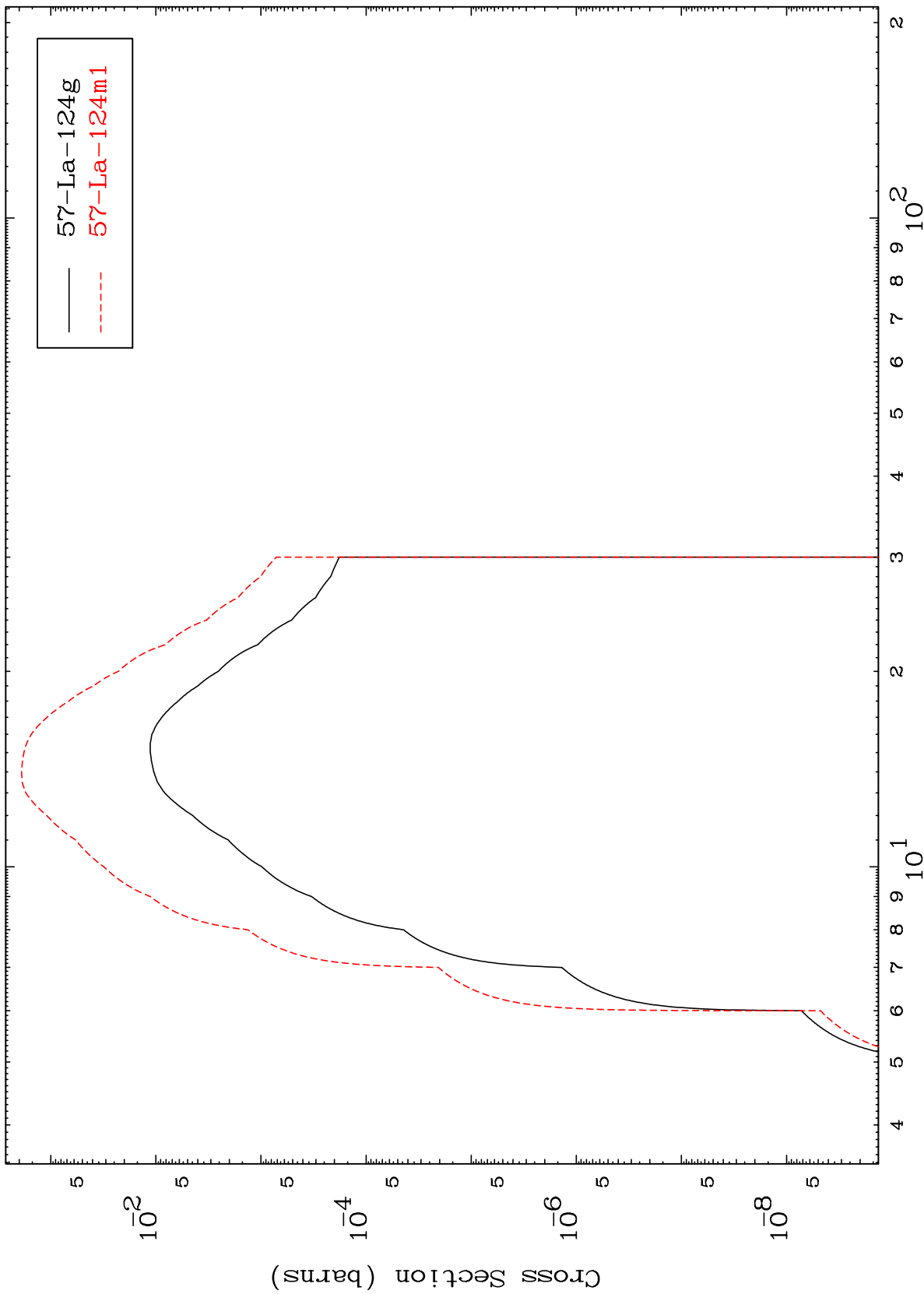
Incident Energy (MeV)

58-Ce-125

MAT 5792

58-Ce-125

(n,p)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

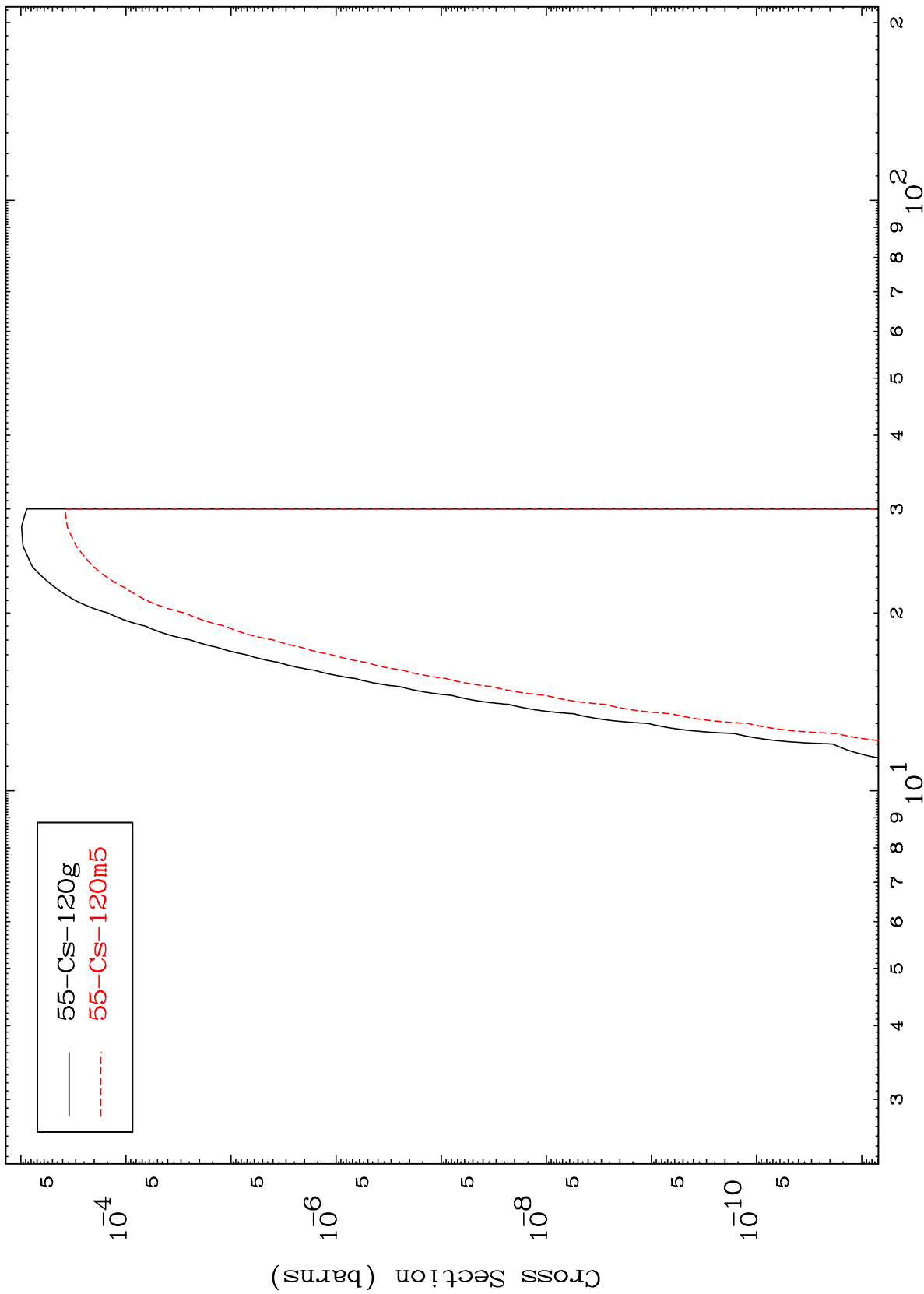
58-Ce-125

MAT 5792

(n,p) α

58-Ce-125

Radionuclide Production Cross Section



55-Cs-120g
55-Cs-120m5

MAT 5792

(n,d) α

58-Ce-125

Radionuclide Production Cross Section

