

Program EVALPLOT
(Version 2021-1)

by

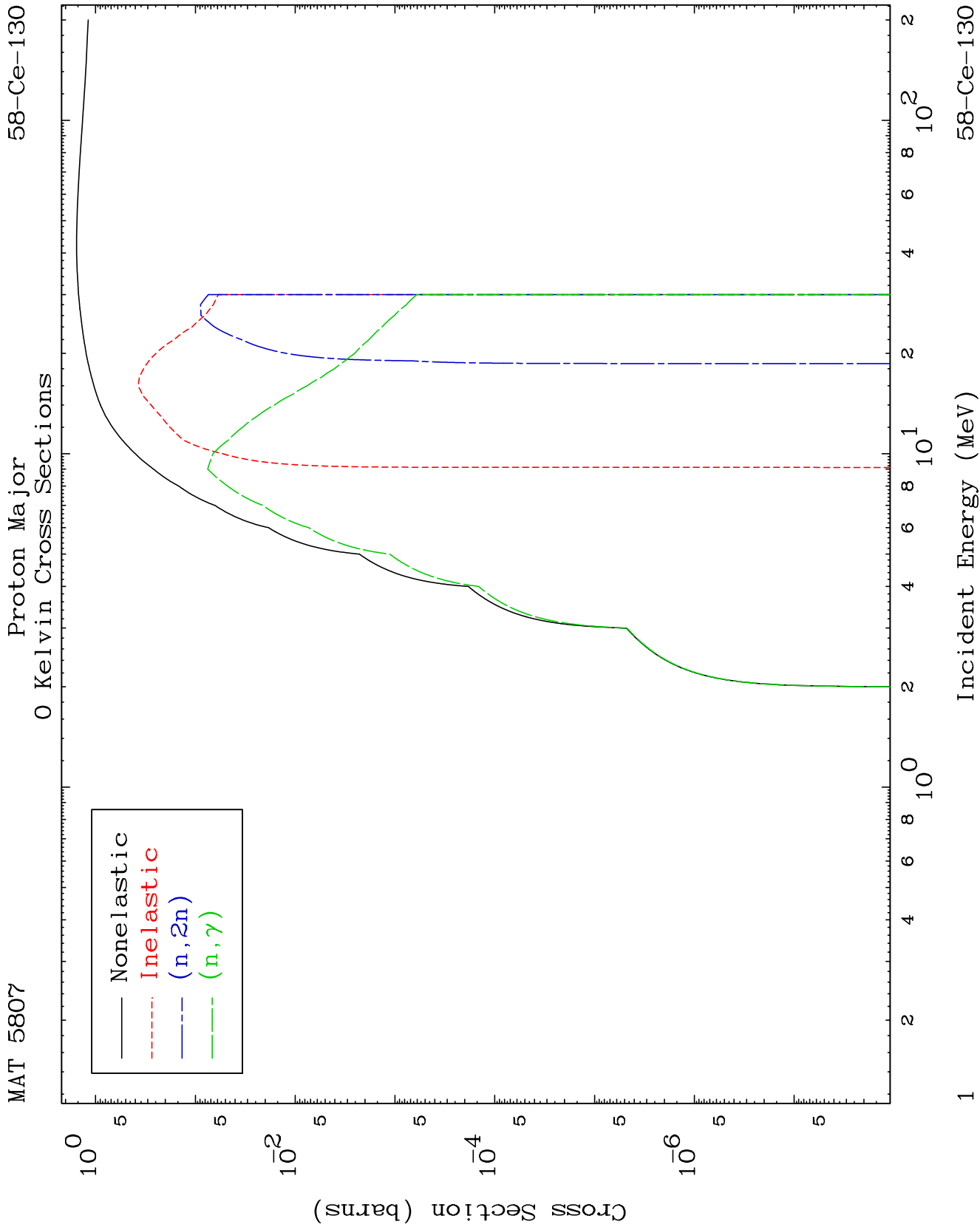
Dermott E. Cullen
(Present Contact Information)

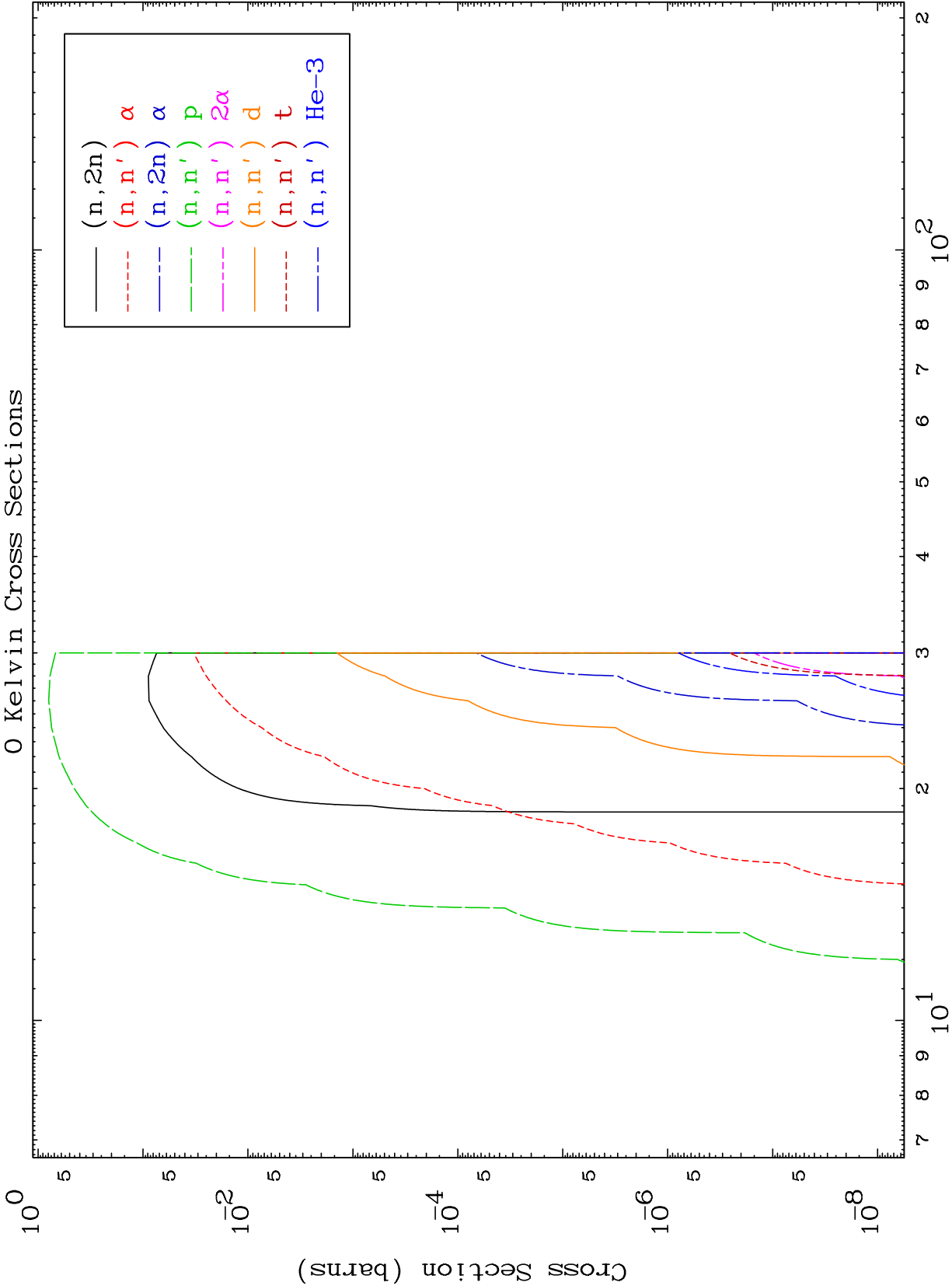
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

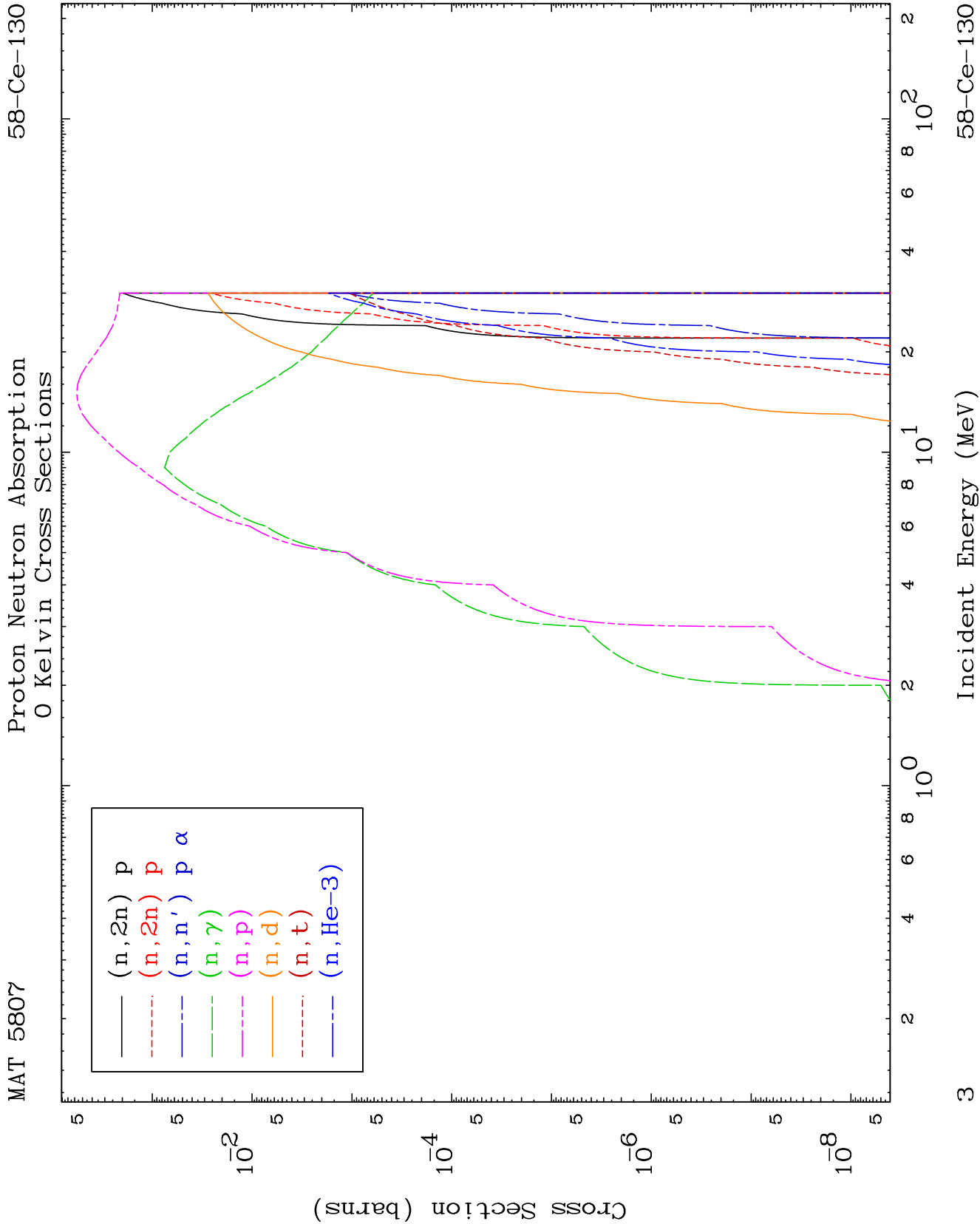
Tele: 925-443-1911

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

Press Mouse Button to Start



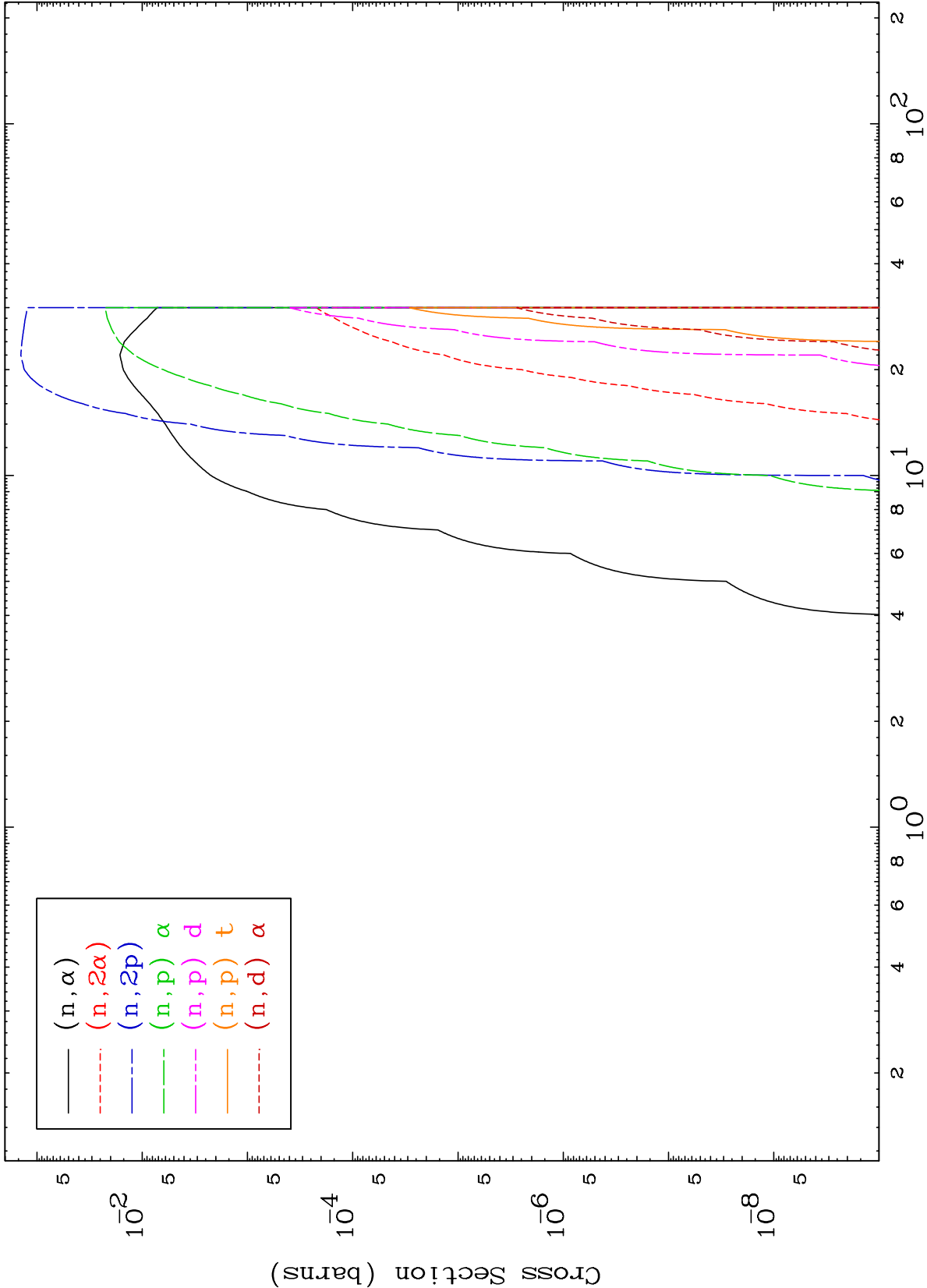


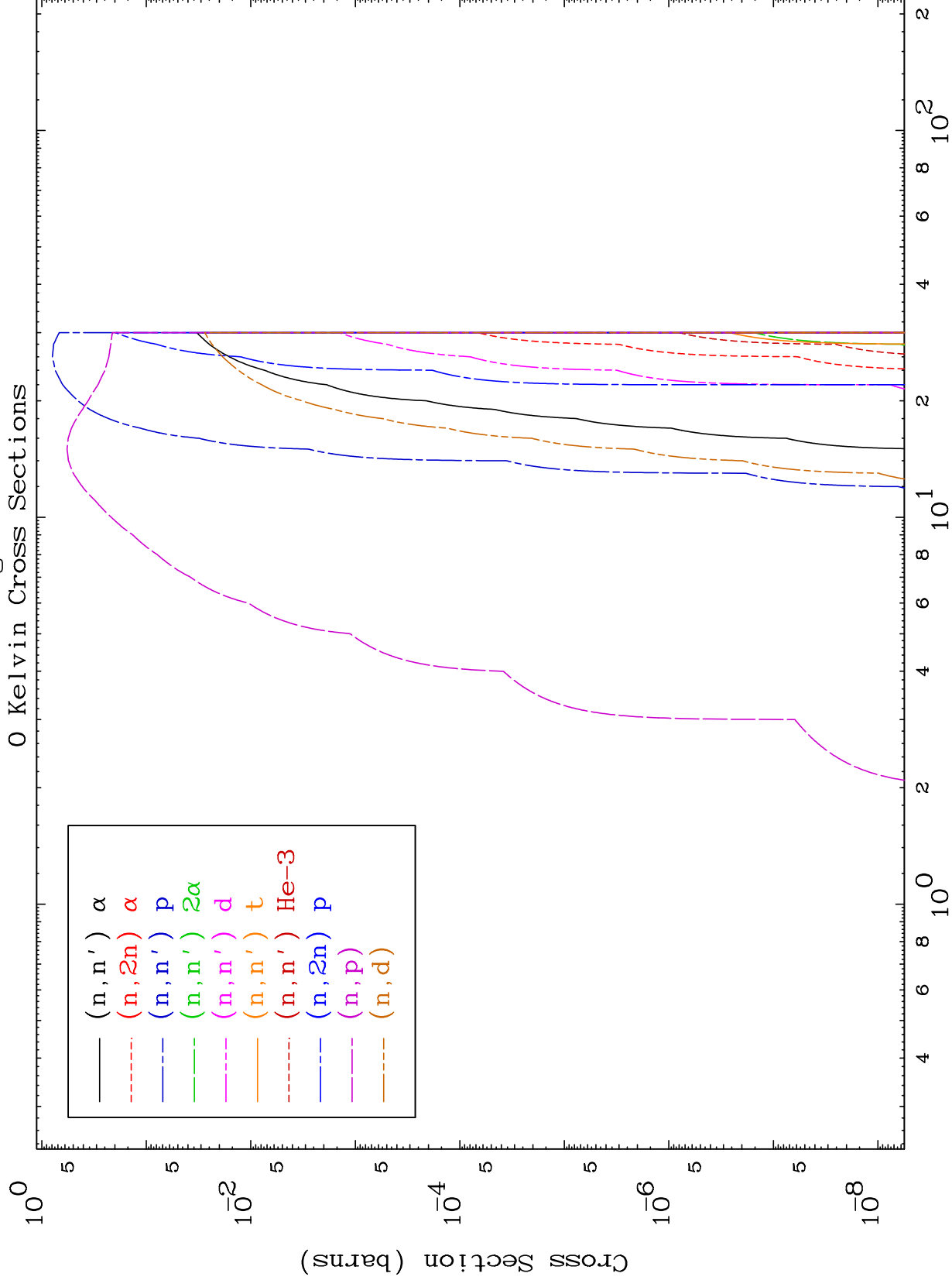


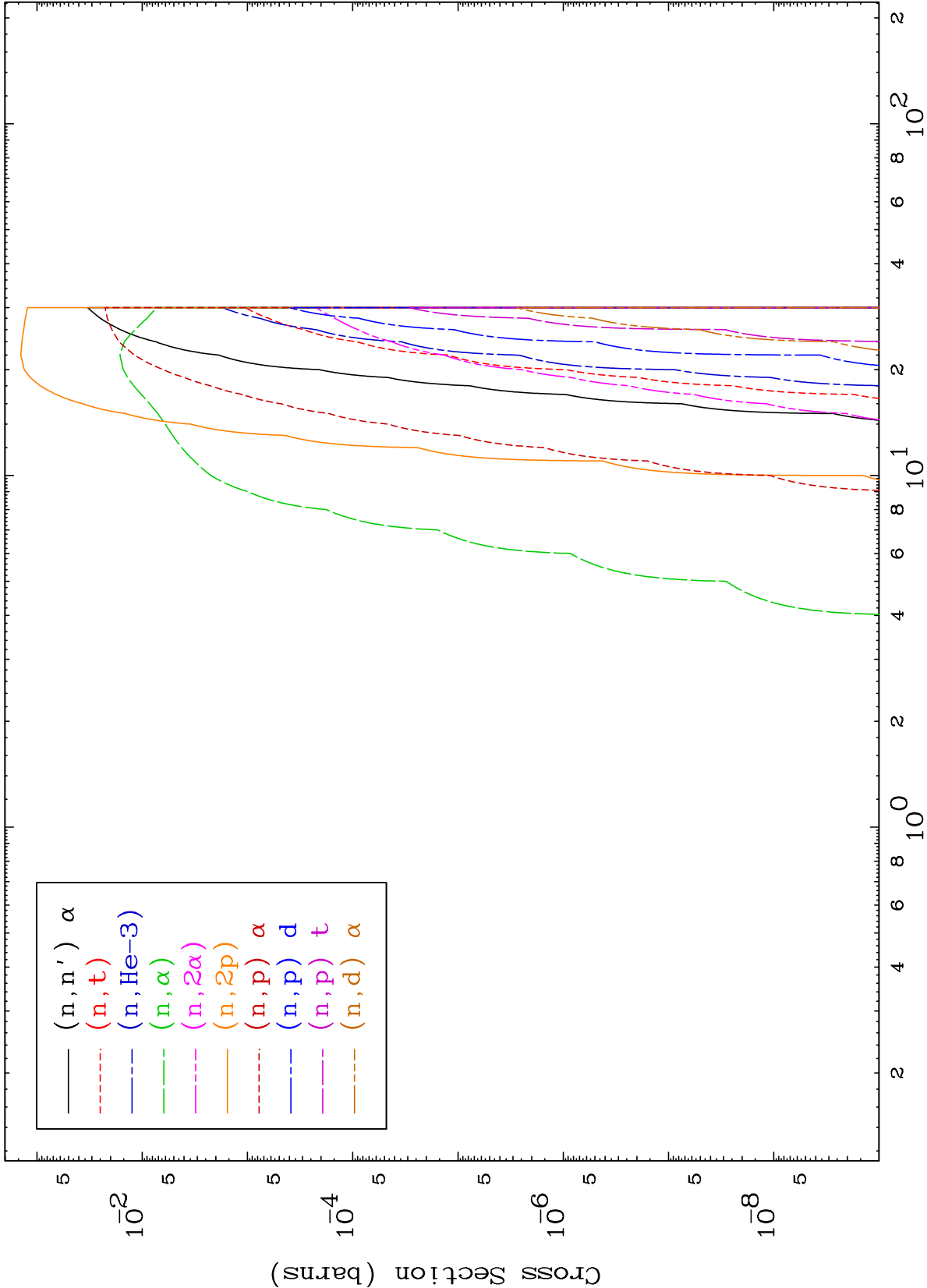
MAT 5807

Proton Neutron Absorption
0 Kelvin Cross Sections

58-Ce-130



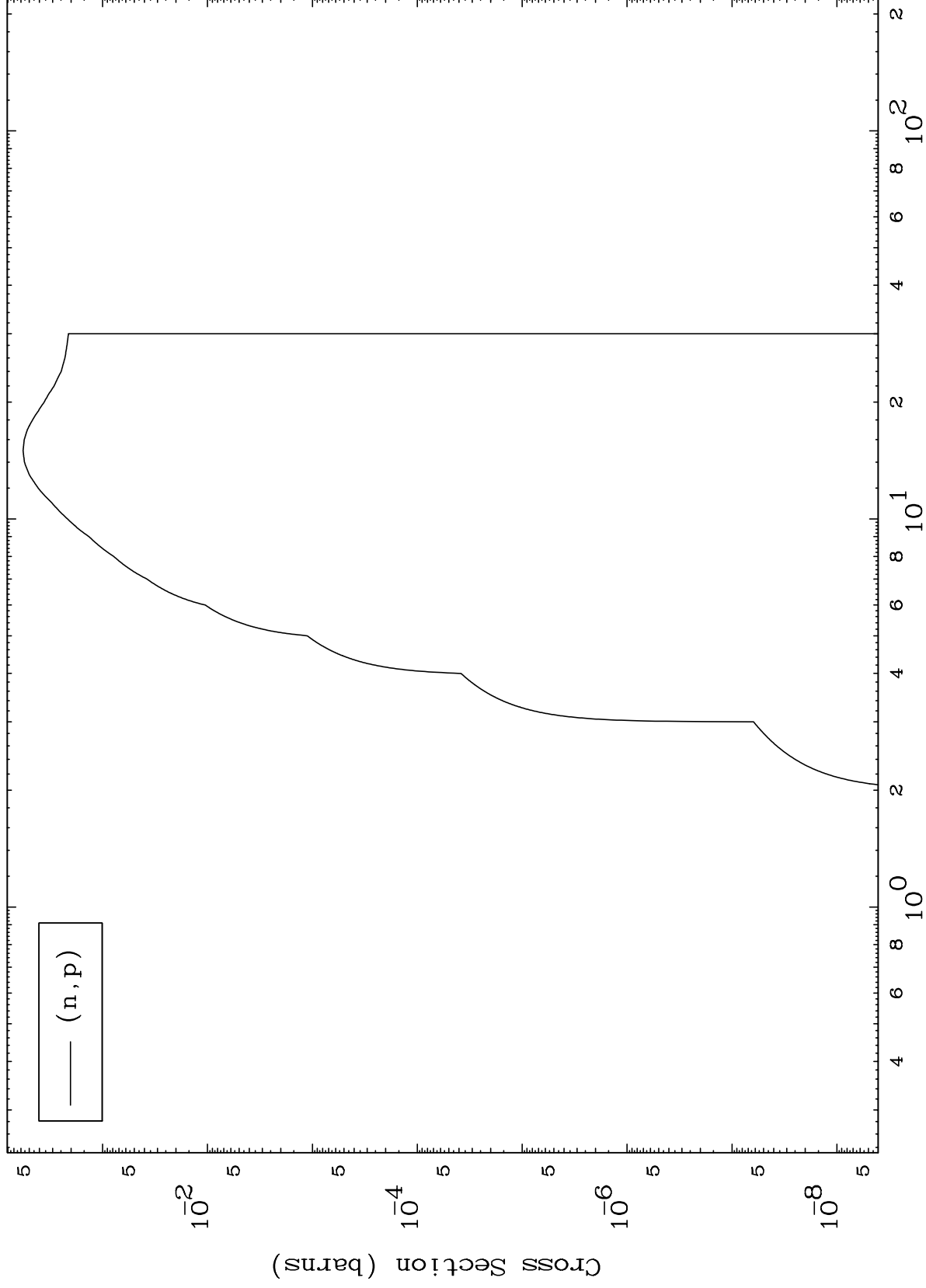




MAT 5807

58-Ce-130

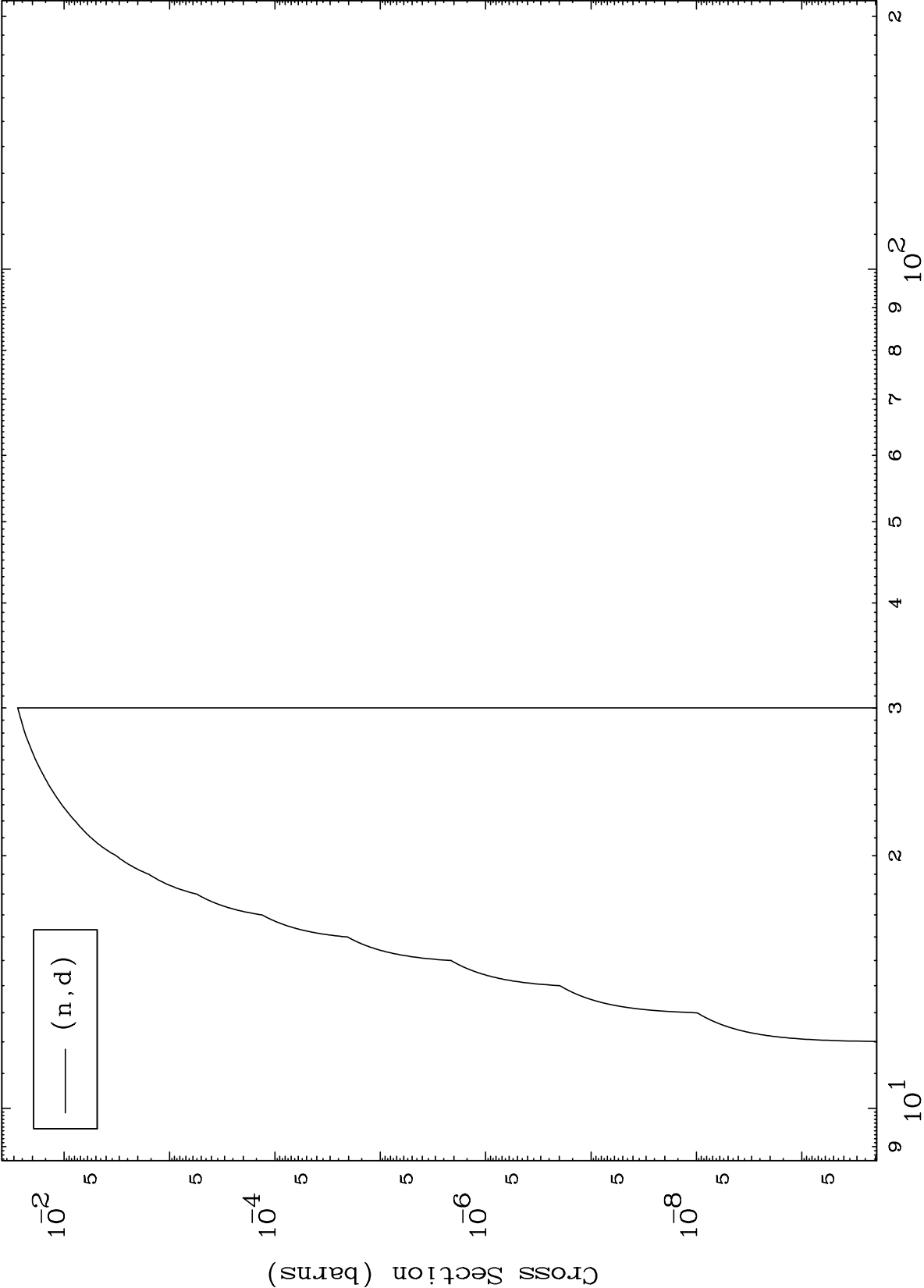
(p,p) Levels
0 Kelvin Cross Sections



MAT 5807

58-Ce-130

(p,d) Levels
0 Kelvin Cross Sections



58-Ce-130

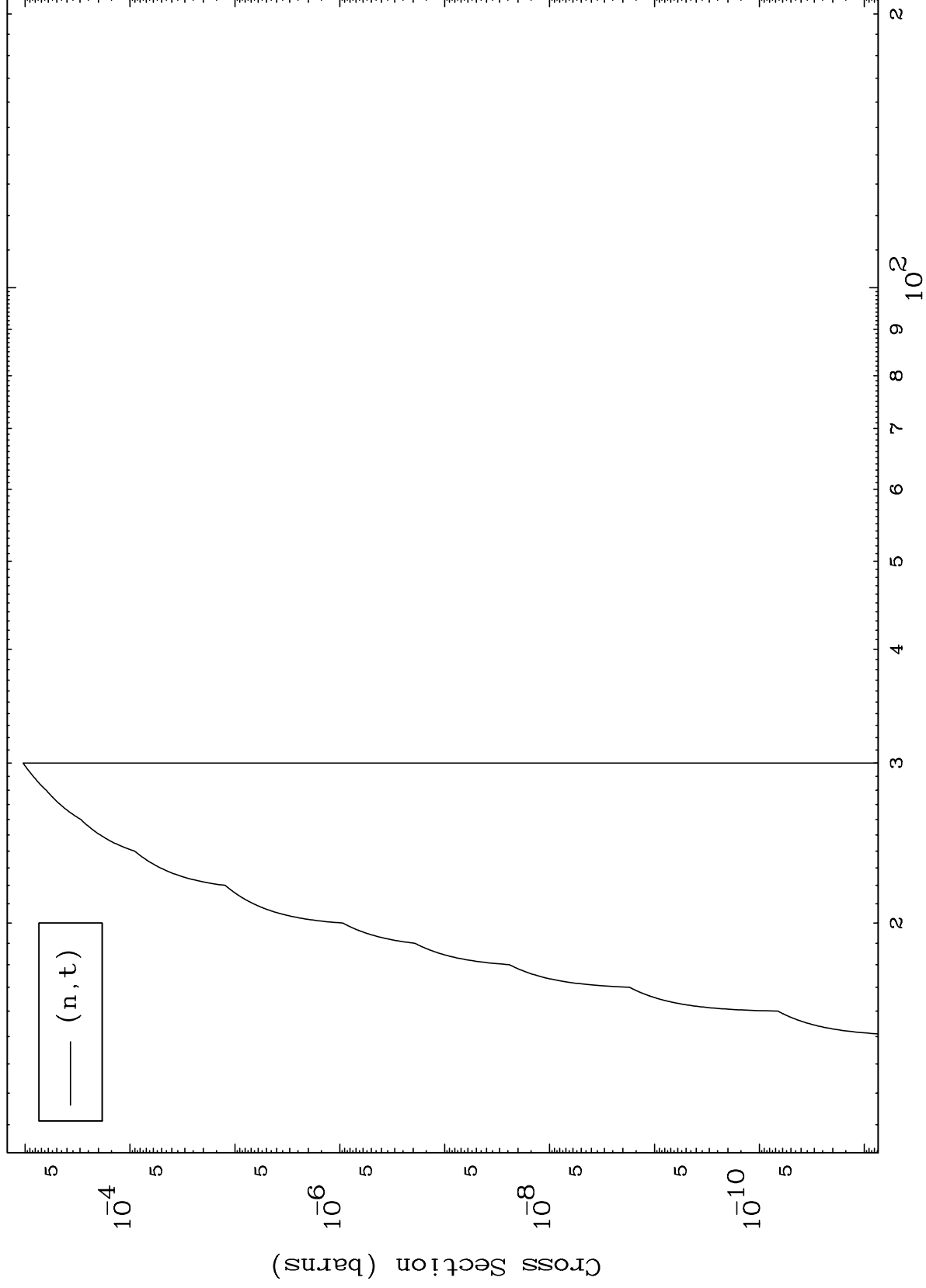
Incident Energy (MeV)

8

MAT 5807

58-Ce-130

(p,t) Levels
0 Kelvin Cross Sections



58-Ce-130

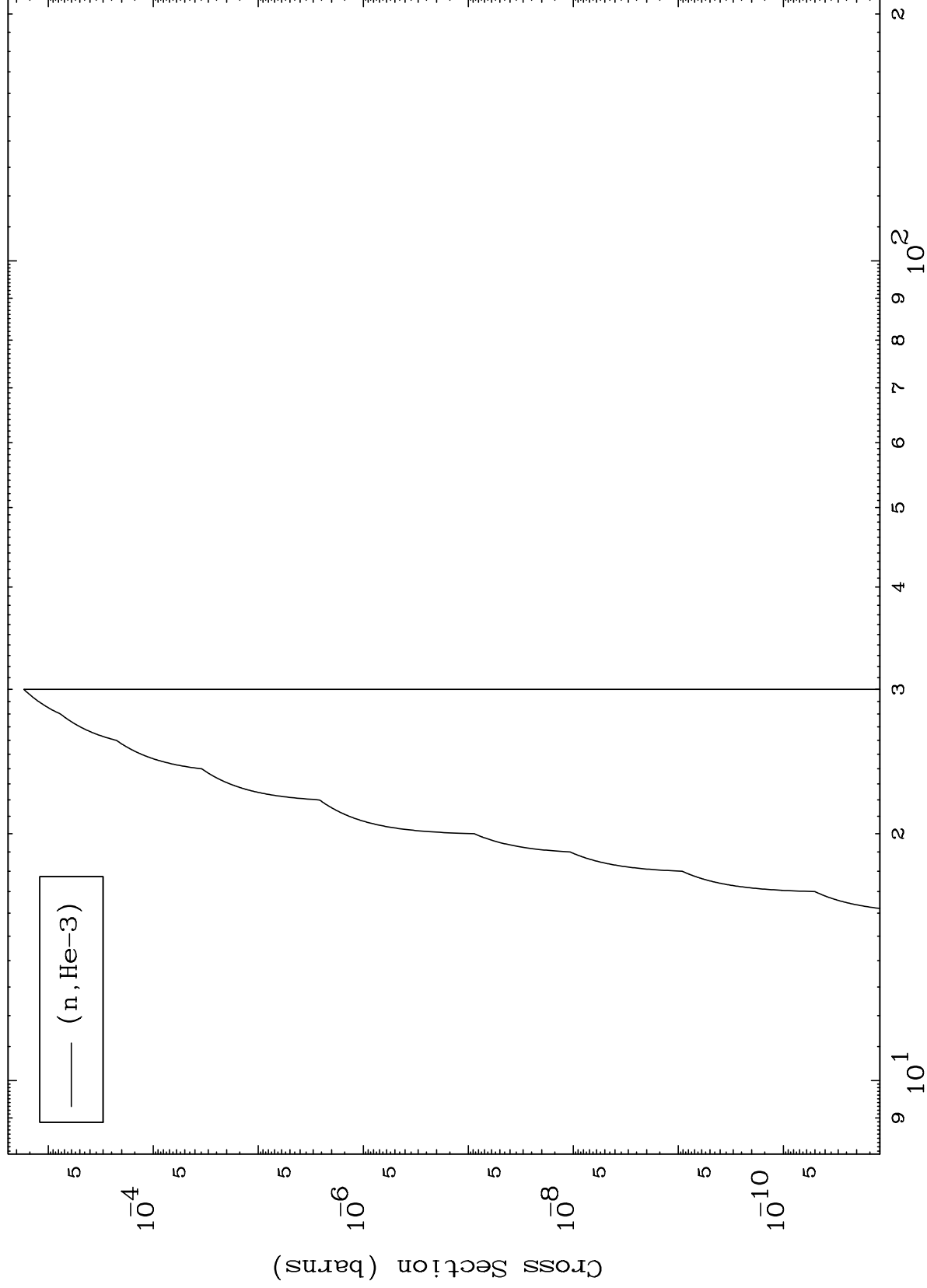
Incident Energy (MeV)

9

MAT 5807

58-Ce-130

(p,He3) Levels
0 Kelvin Cross Sections



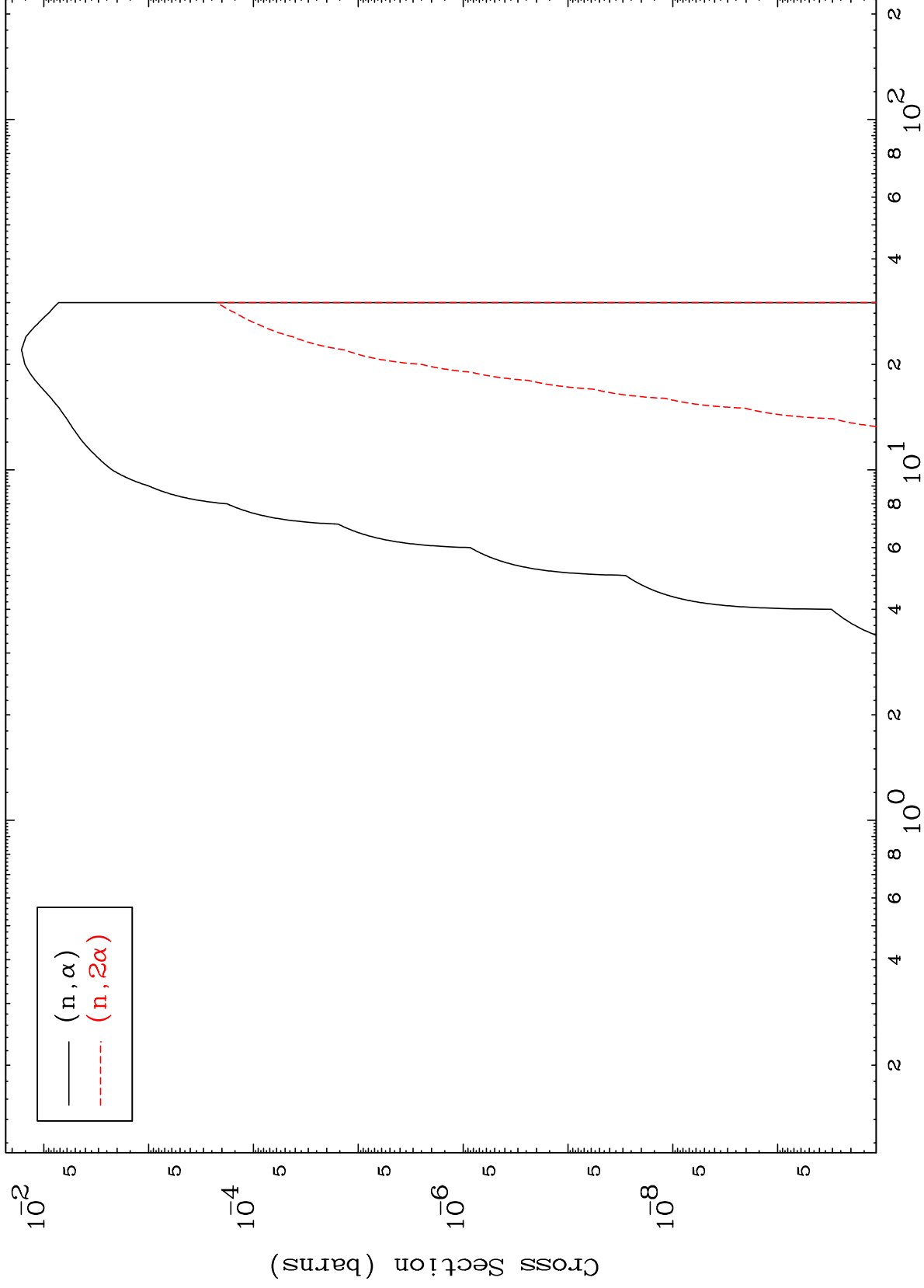
58-Ce-130

Incident Energy (MeV)

MAT 5807

(p, α) Levels
0 Kelvin Cross Sections

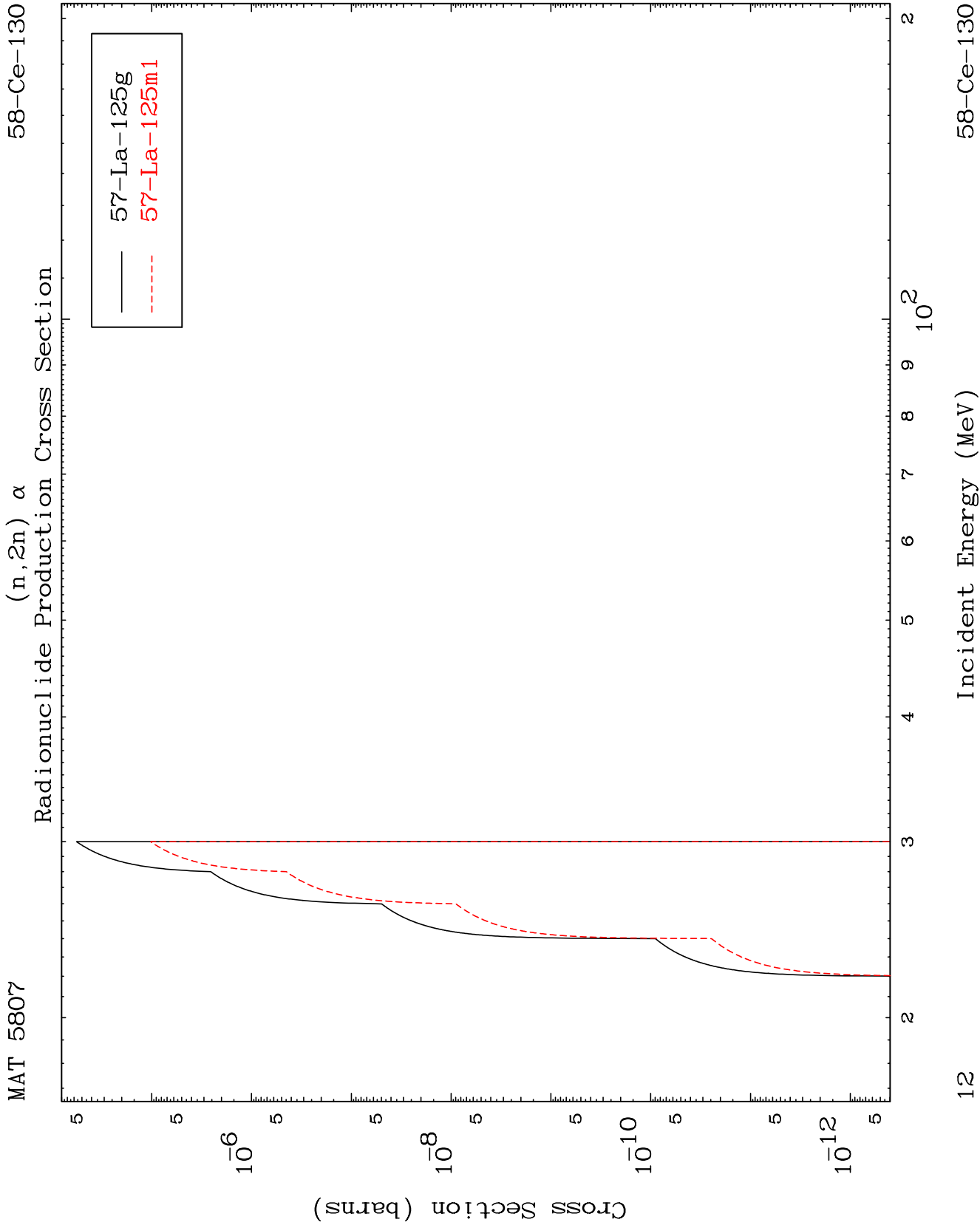
58-Ce-130



11

Incident Energy (MeV)

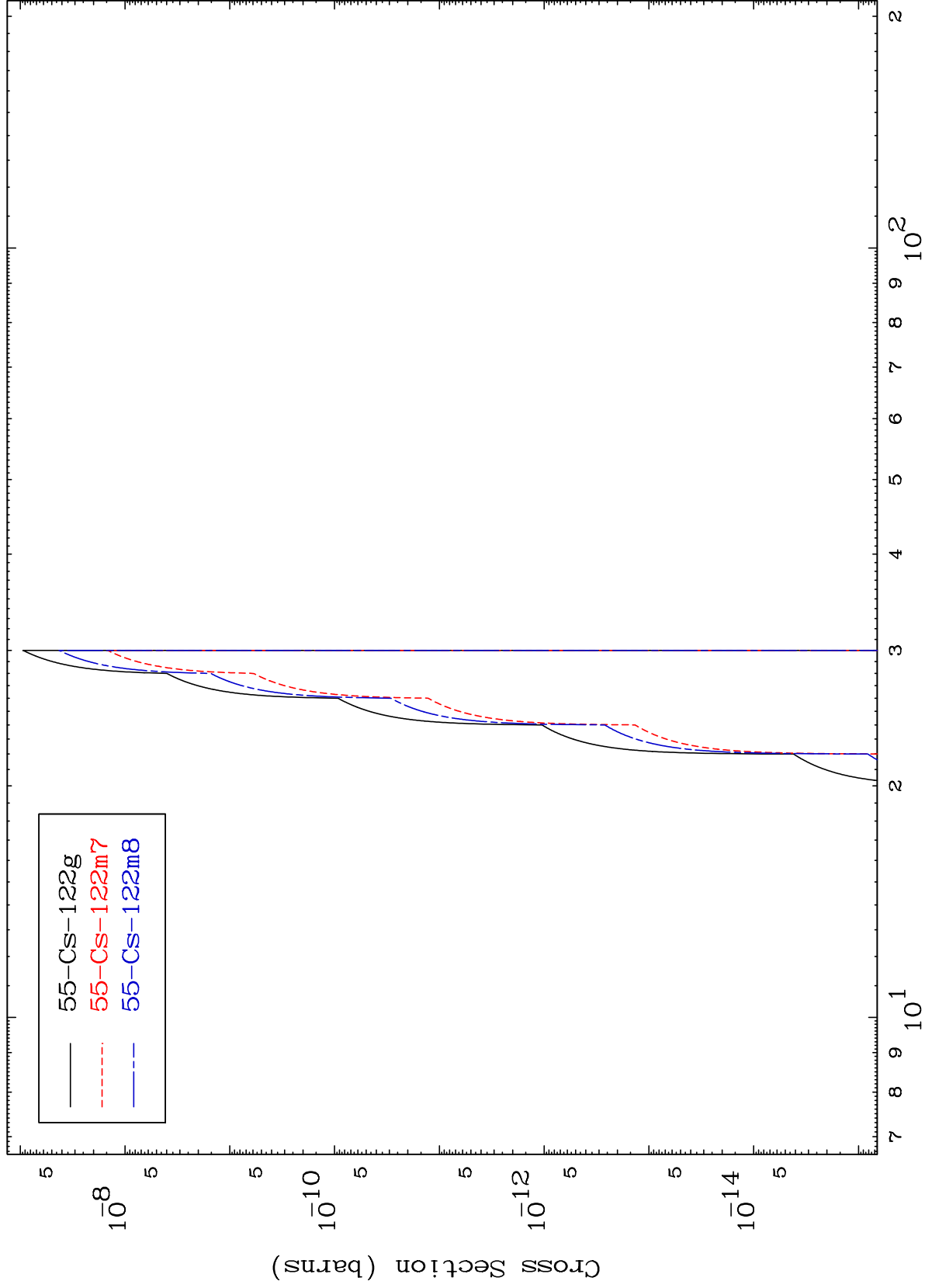
58-Ce-130



MAT 5807

58-Ce-130

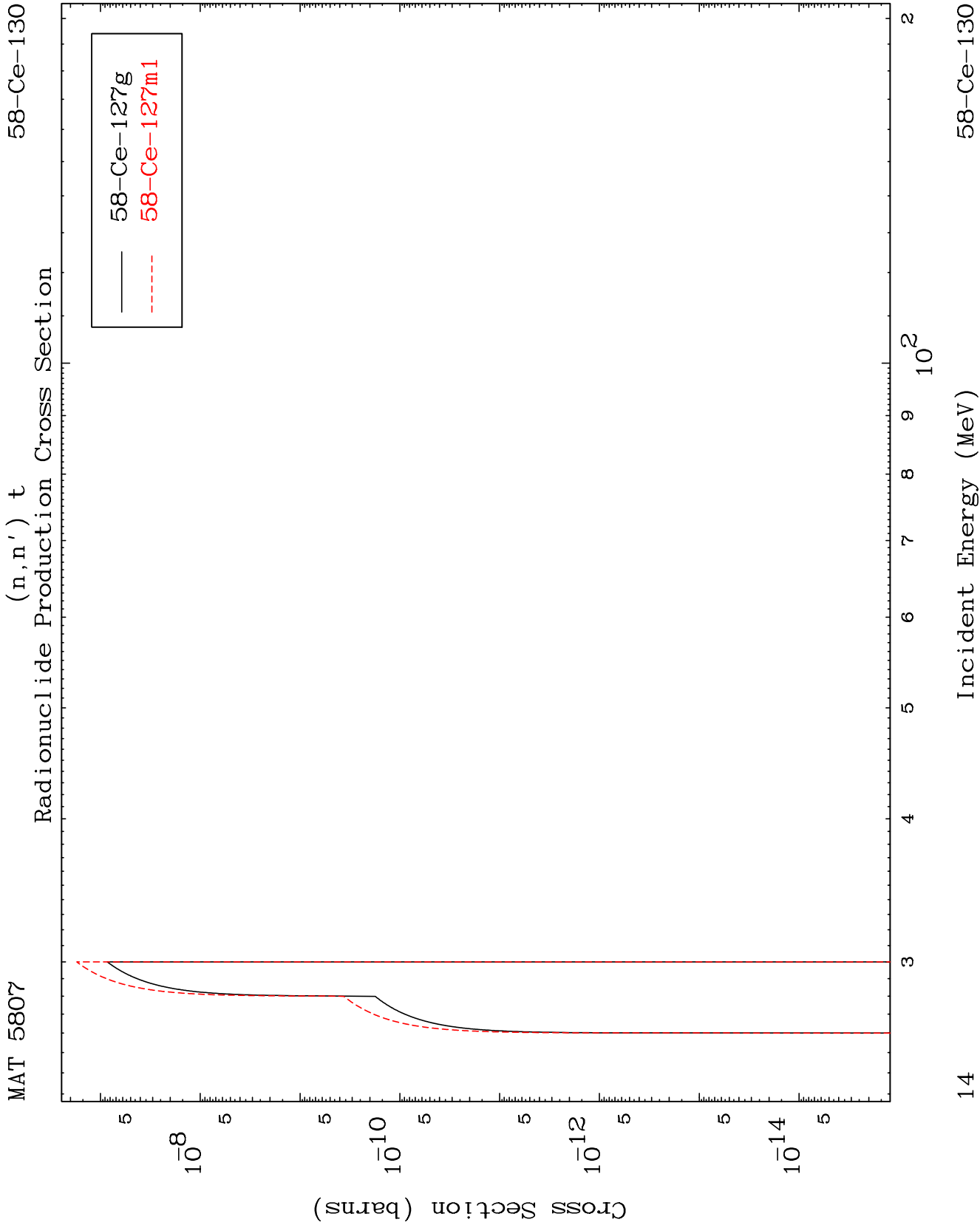
(n,n') 2 α
Radionuclide Production Cross Section

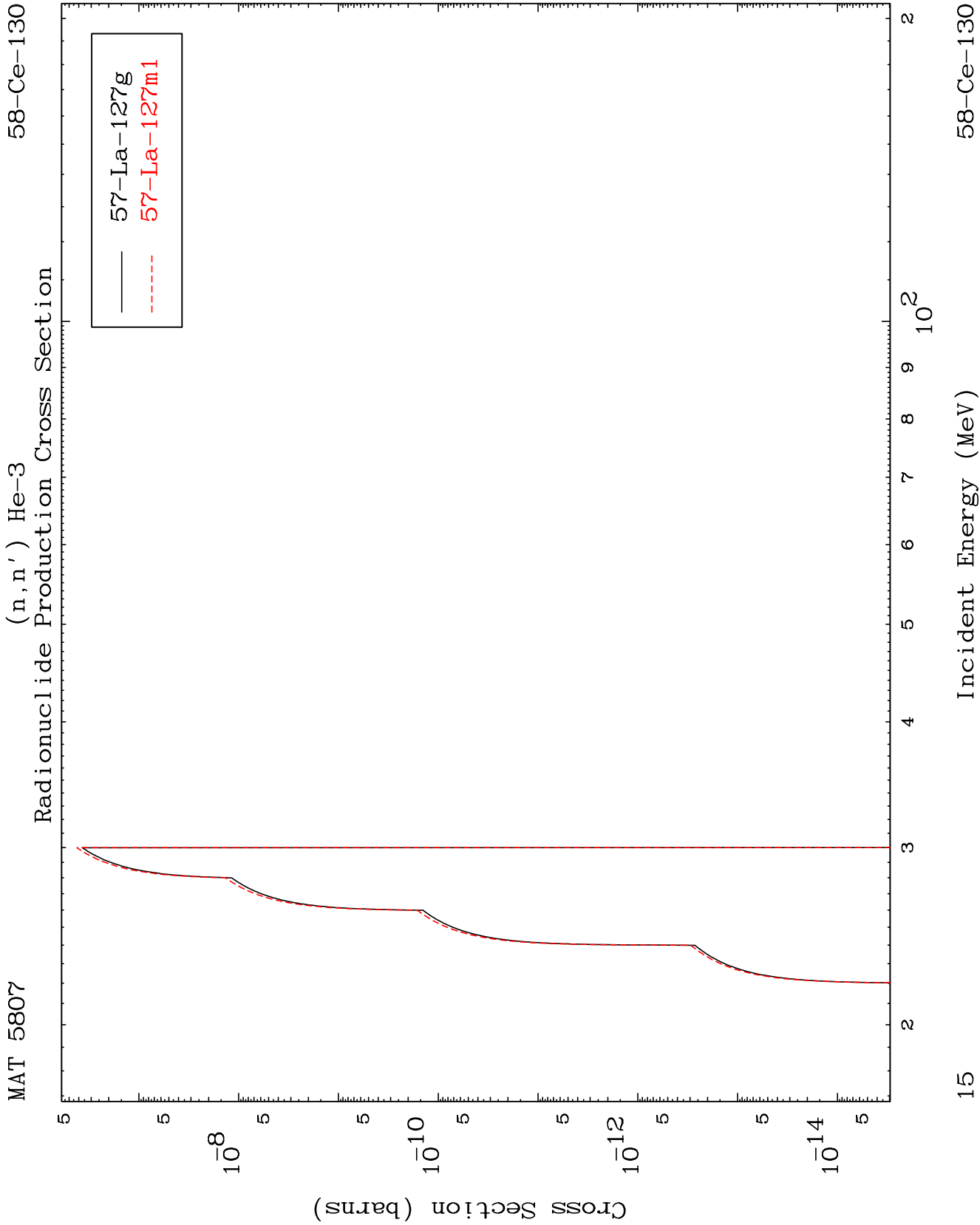


58-Ce-130

Incident Energy (MeV)

13



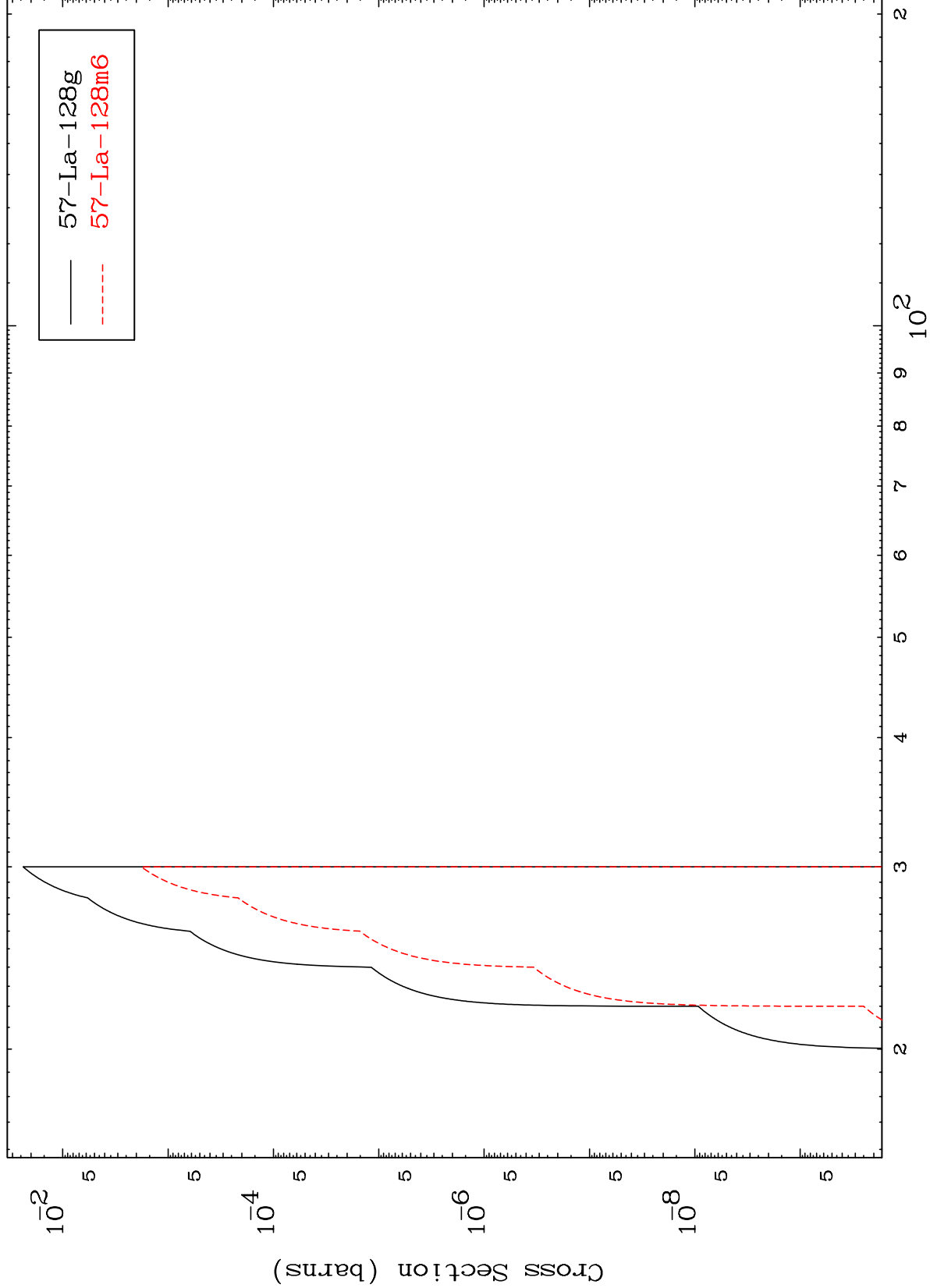


MAT 5807

(n,2n) p

58-Ce-130

Radionuclide Production Cross Section



16

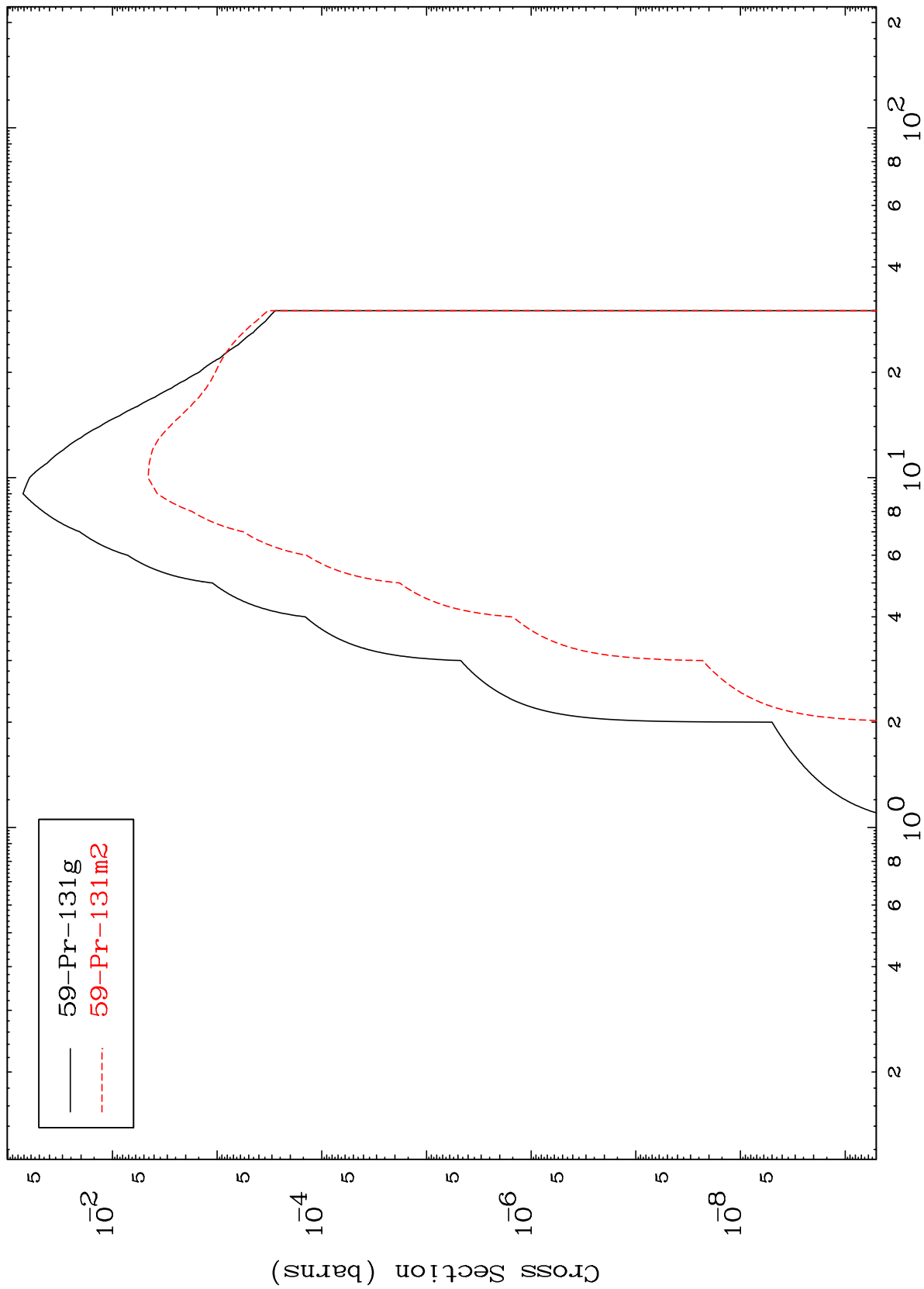
Incident Energy (MeV)

58-Ce-130

MAT 5807

58-Ce-130

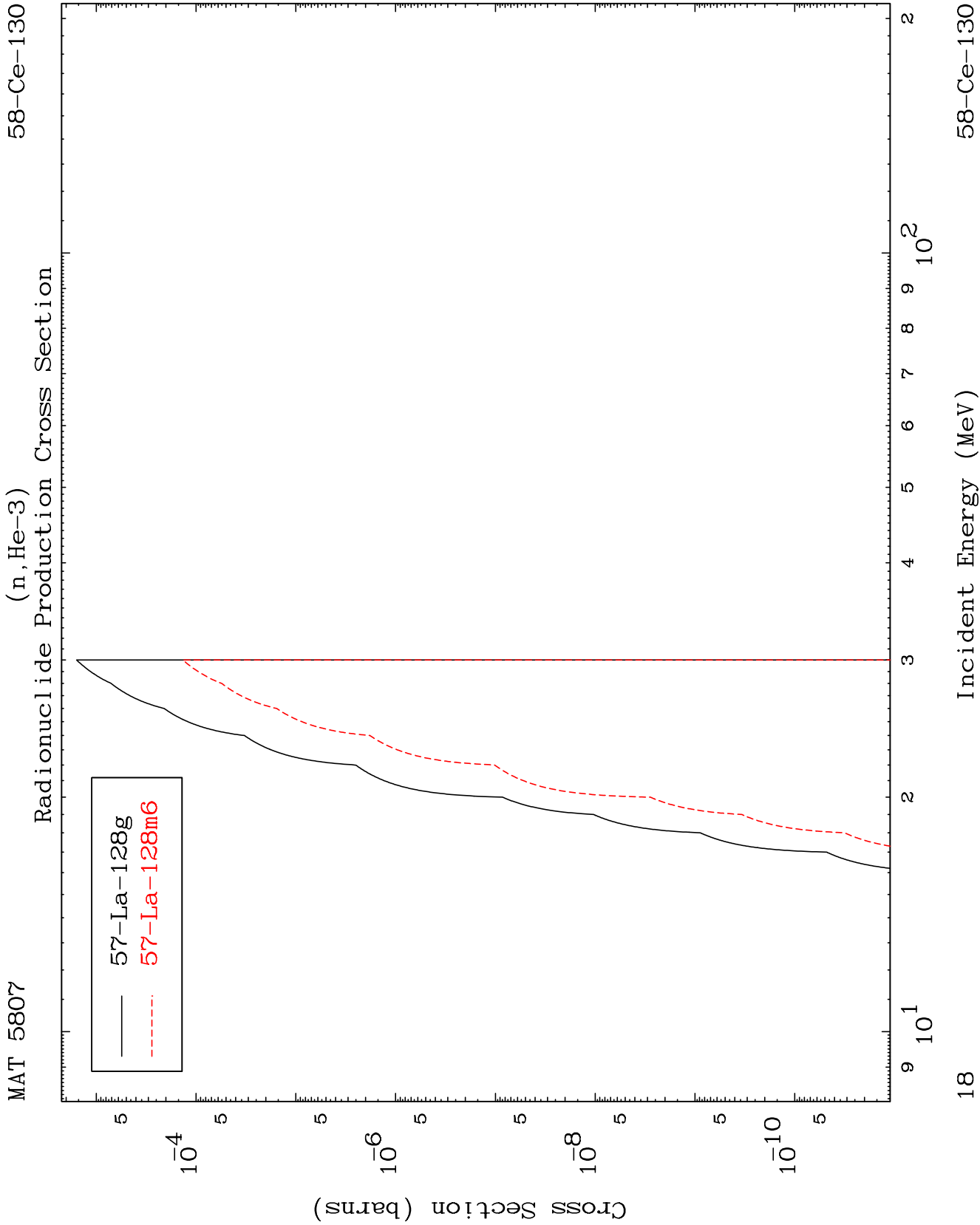
Radionuclide Production Cross Section
(n, γ)

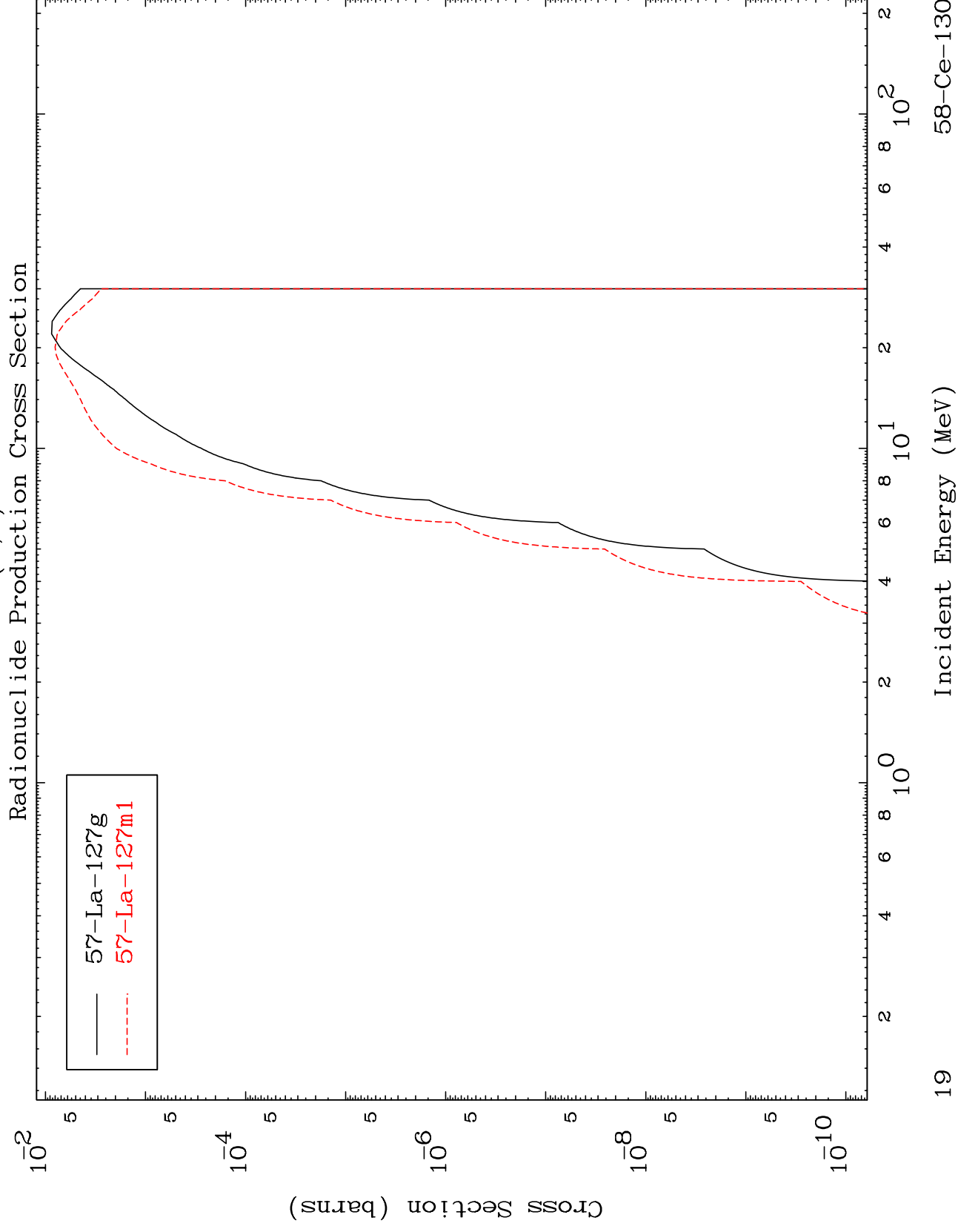


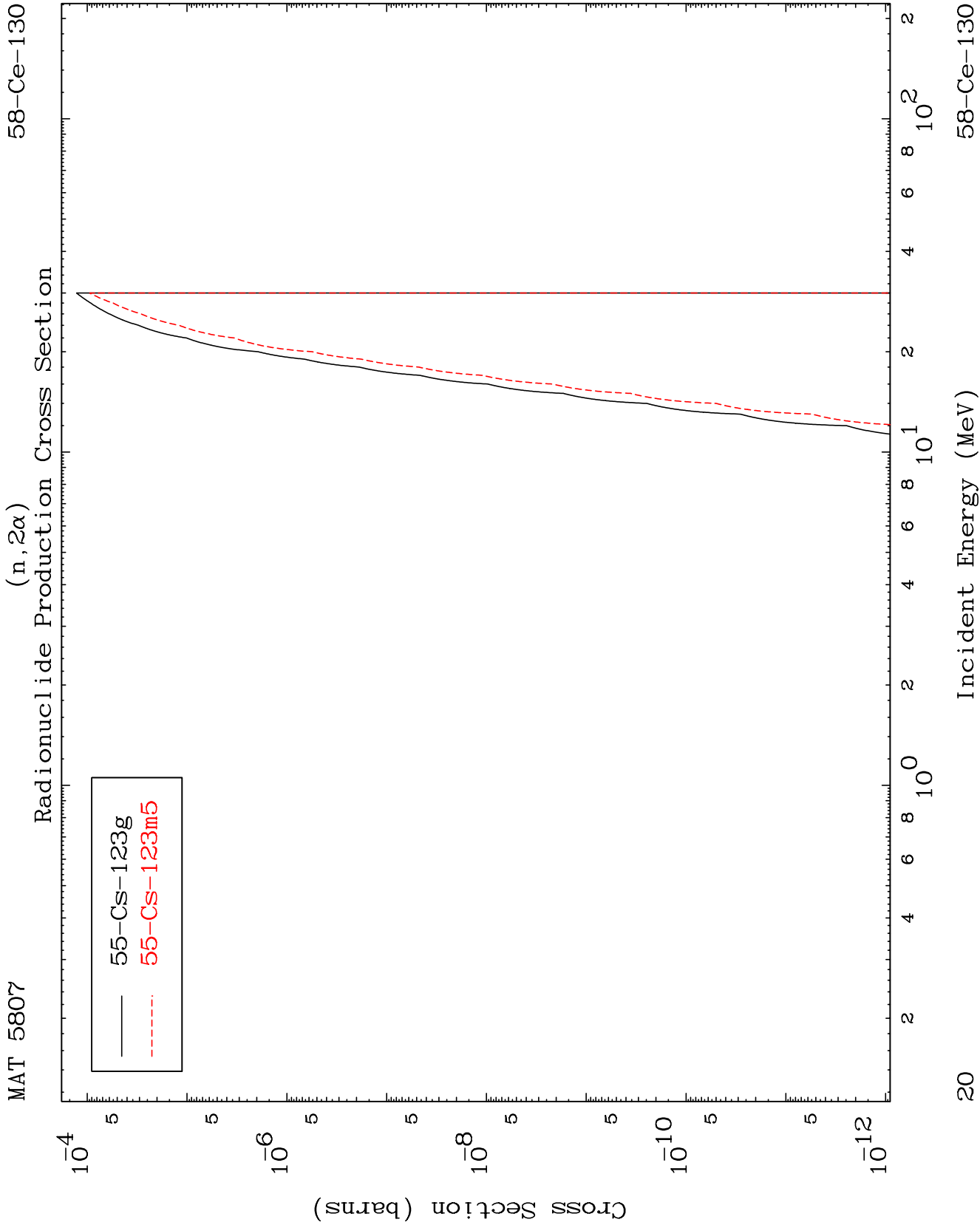
17

Incident Energy (MeV)

58-Ce-130



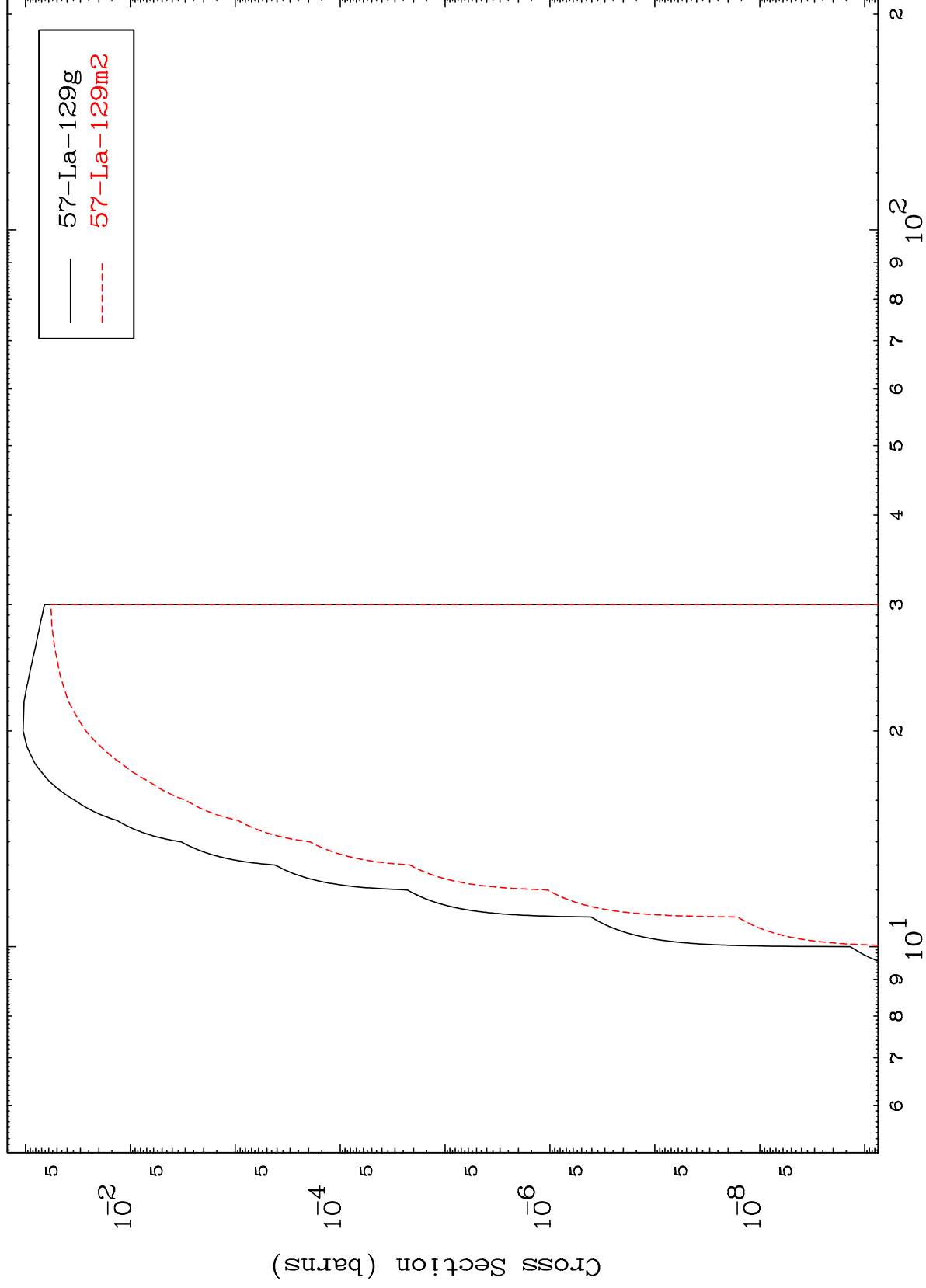




MAT 5807

58-Ce-130

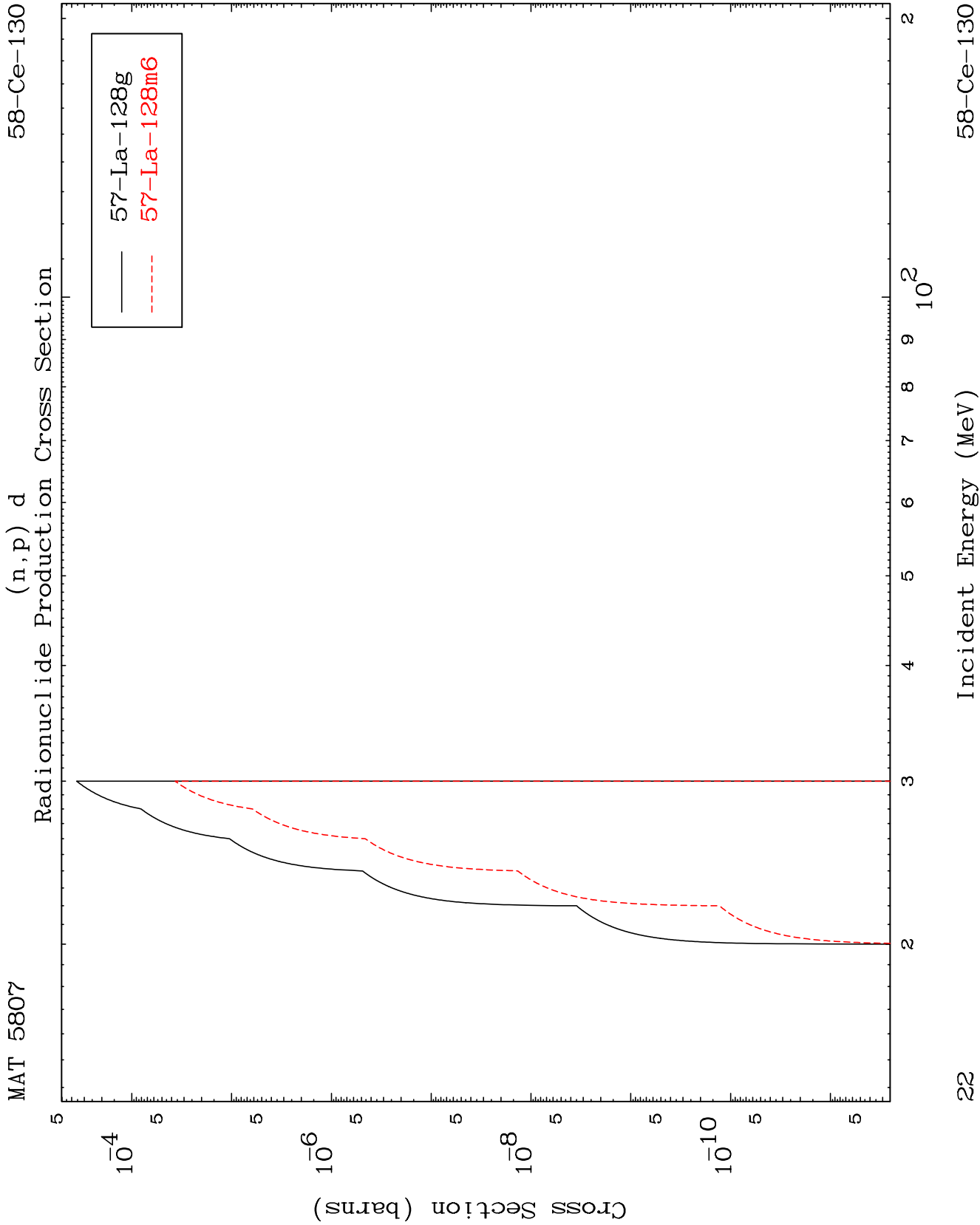
(n,2p)
Radionuclide Production Cross Section



21

58-Ce-130

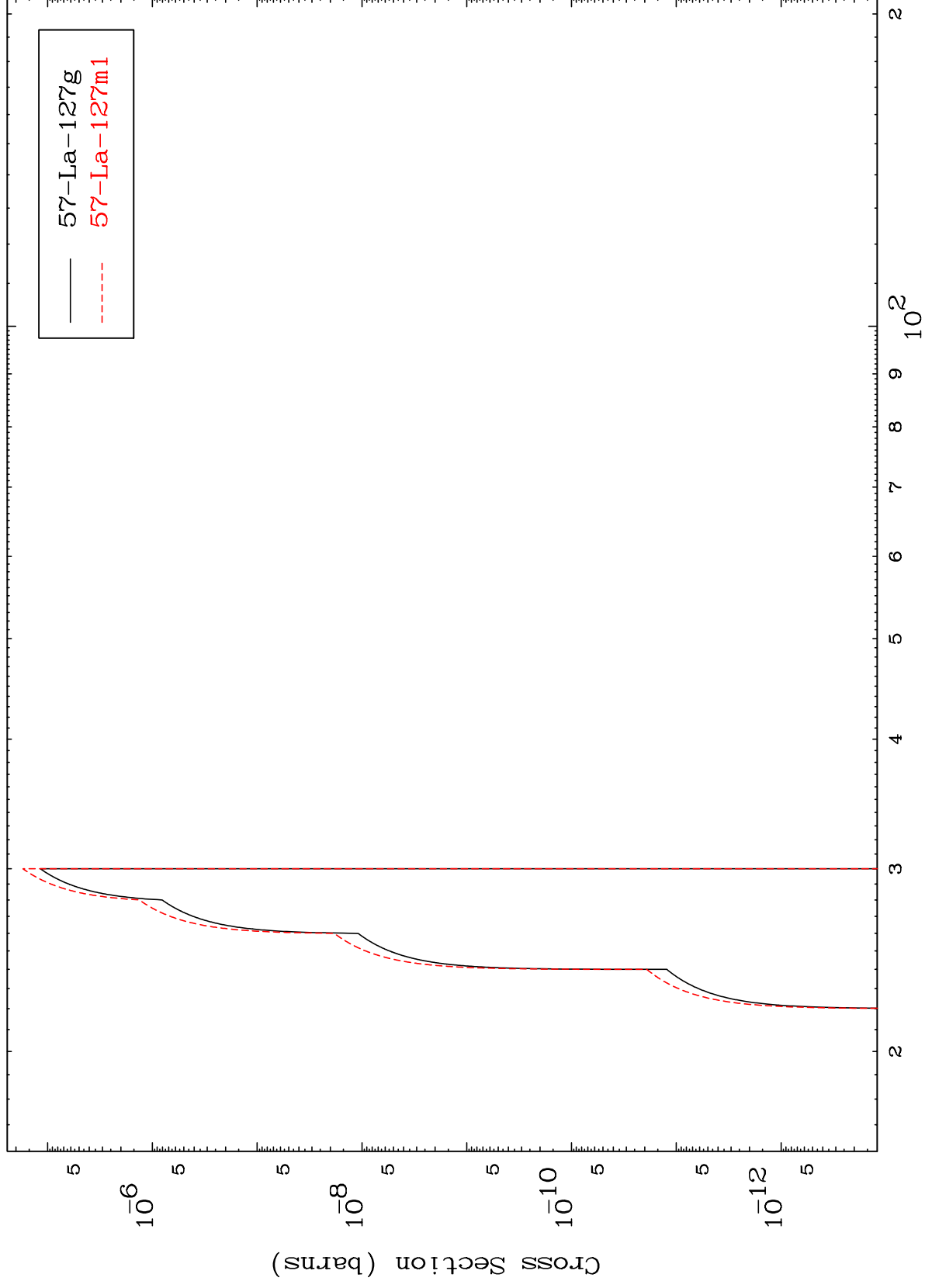
Incident Energy (MeV)



MAT 5807

58-Ce-130

(n,p) t
Radionuclide Production Cross Section



23

Incident Energy (MeV)

58-Ce-130