

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

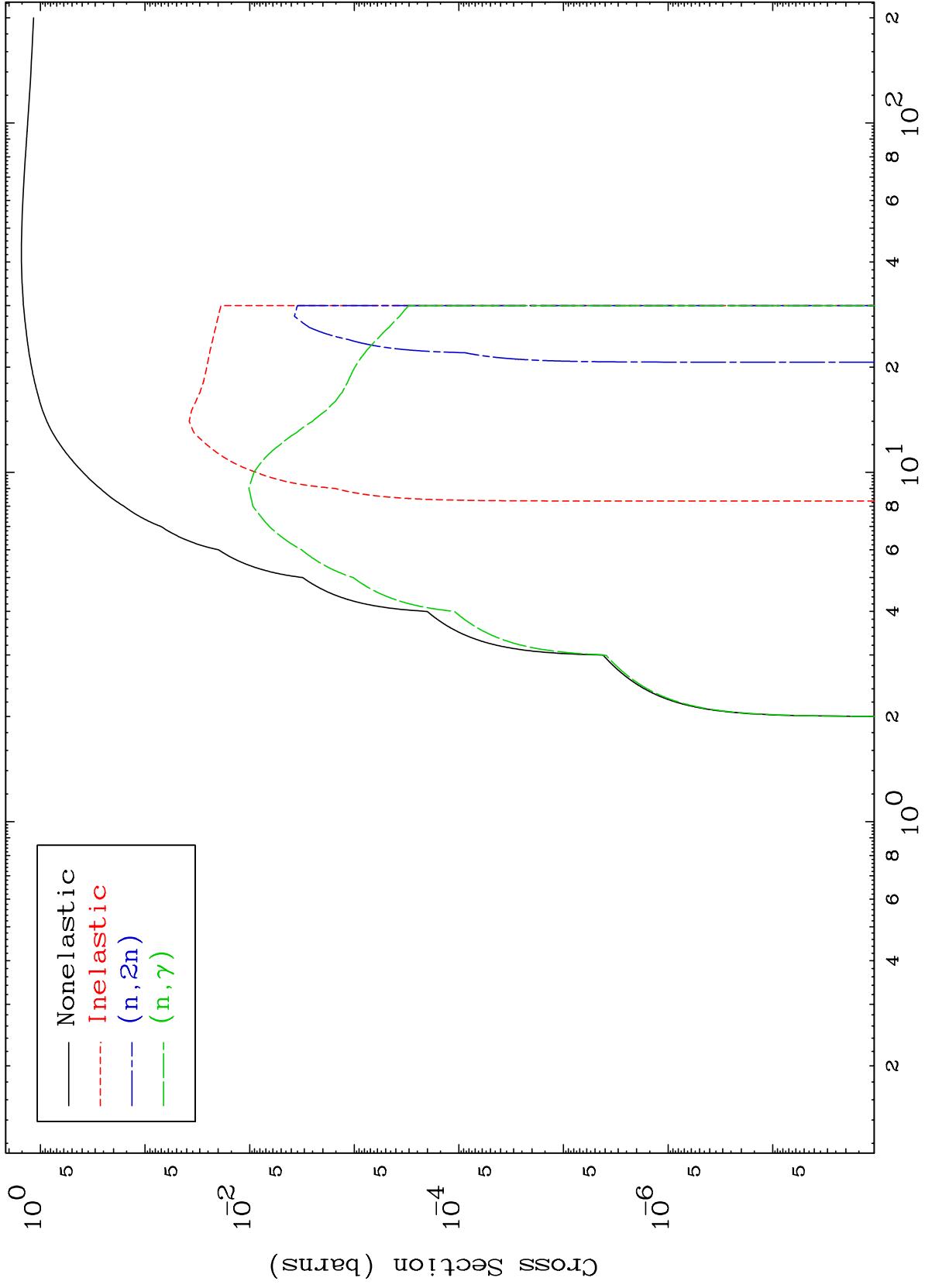
Web:redcullen1.net/HOMEPAGE.NEW

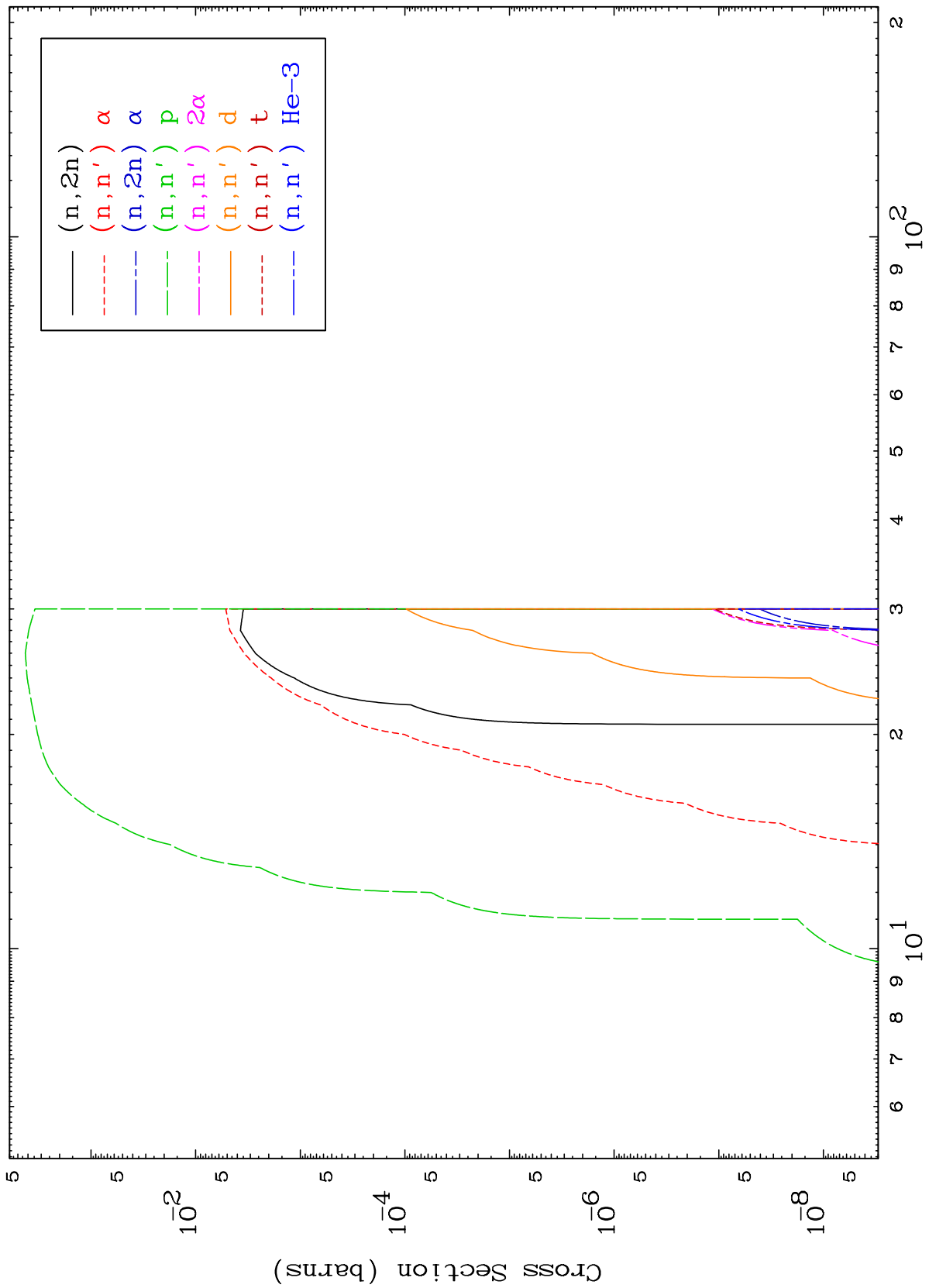
Press Mouse Button to Start

MAT 5799

Proton Major
0 Kelvin Cross Sections

58-Ce-127m

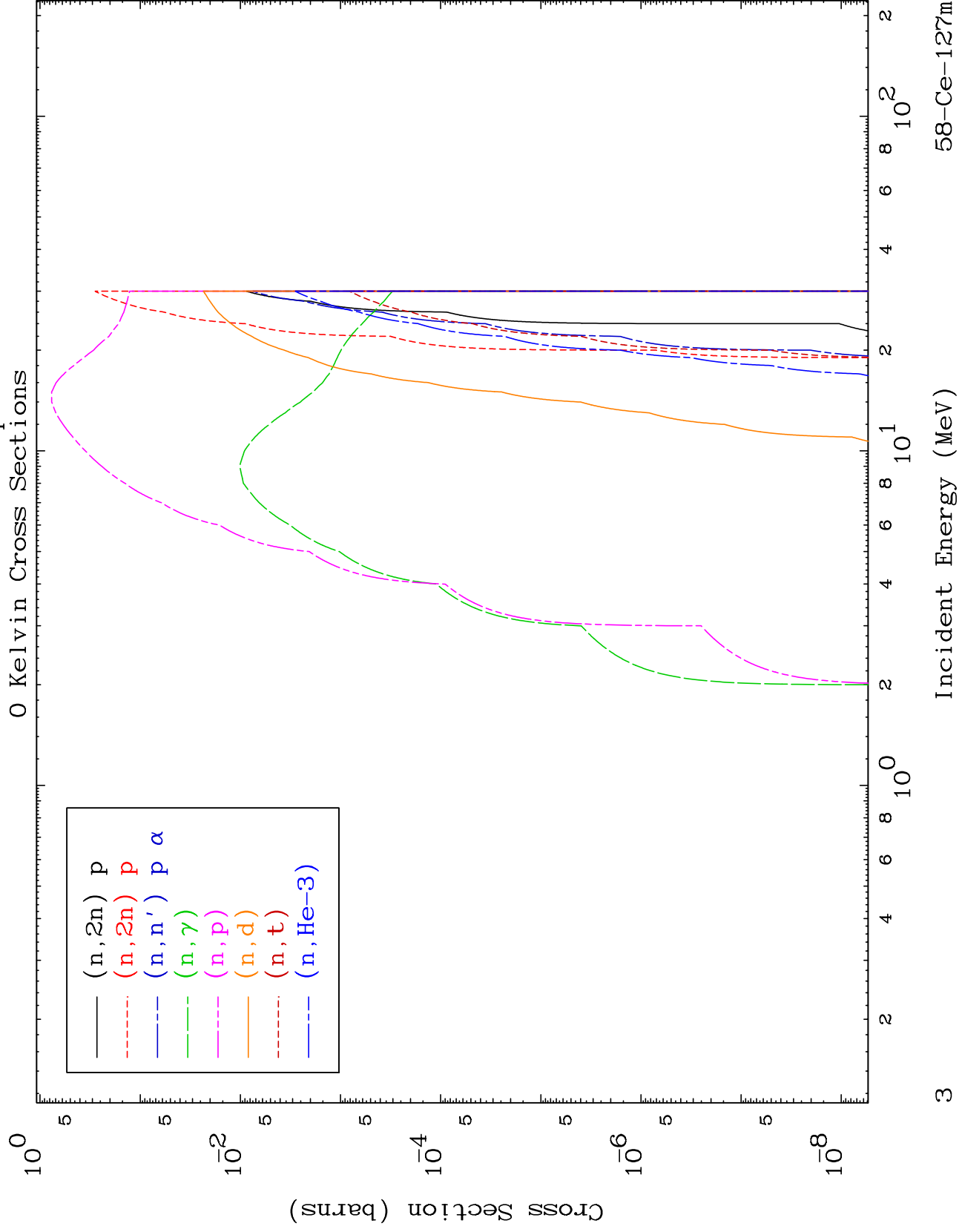




MAT 5799

Proton Neutron Absorption
0 Kelvin Cross Sections

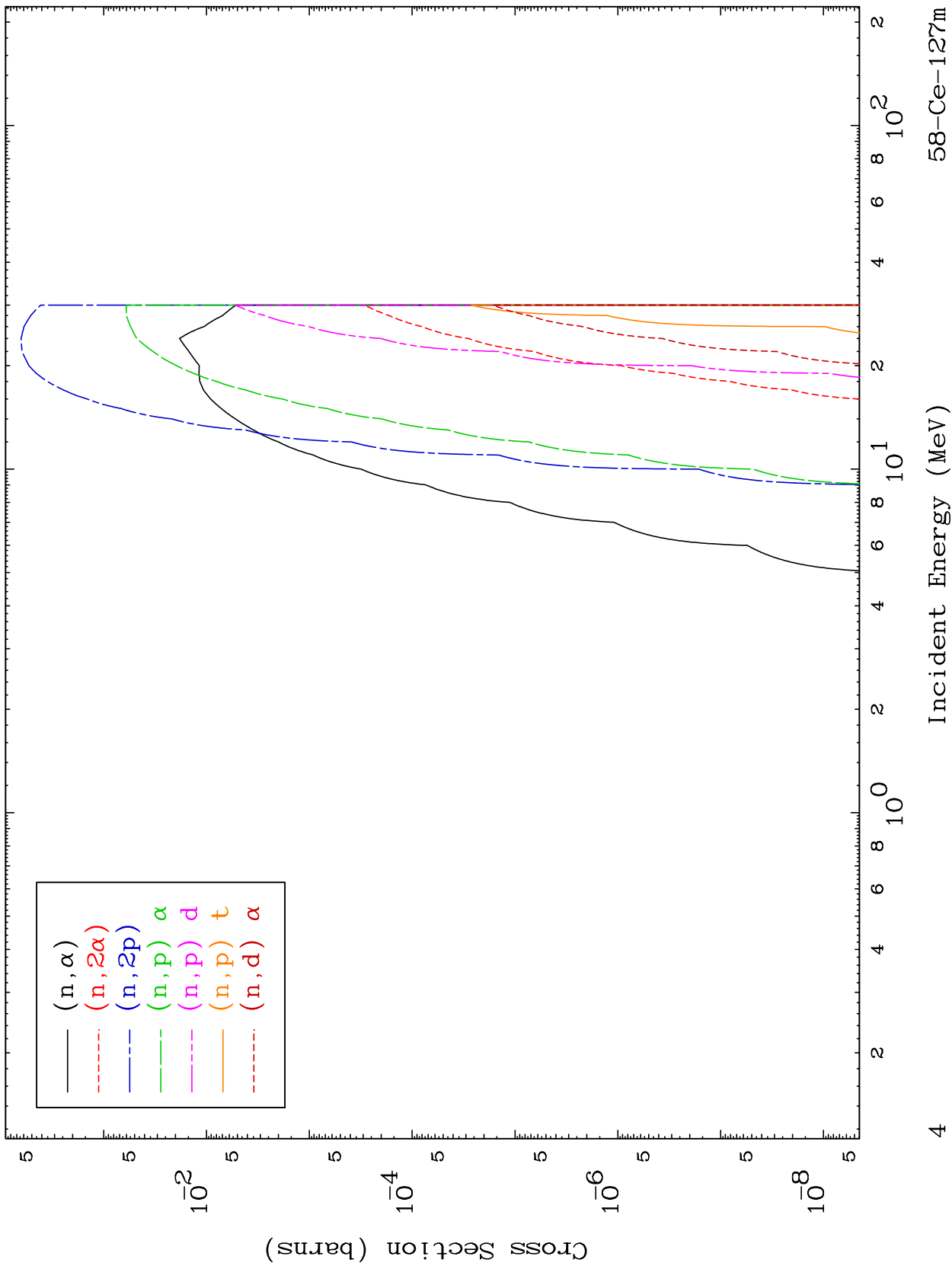
58-Ce-127m



MAT 5799

Proton Neutron Absorption
0 Kelvin Cross Sections

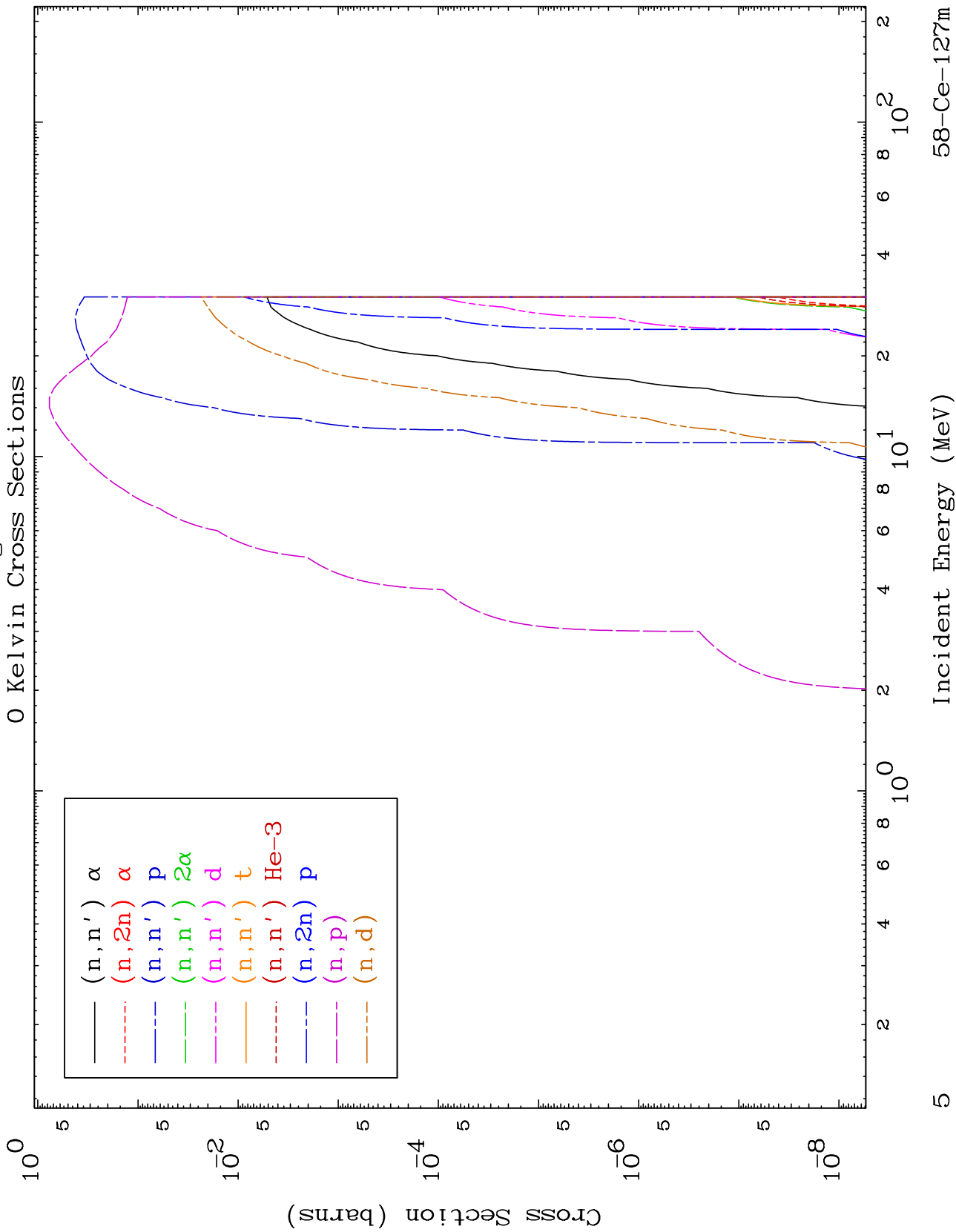
58-Ce-127m



MAT 5799

Proton Charged Particle
0 Kelvin Cross Sections

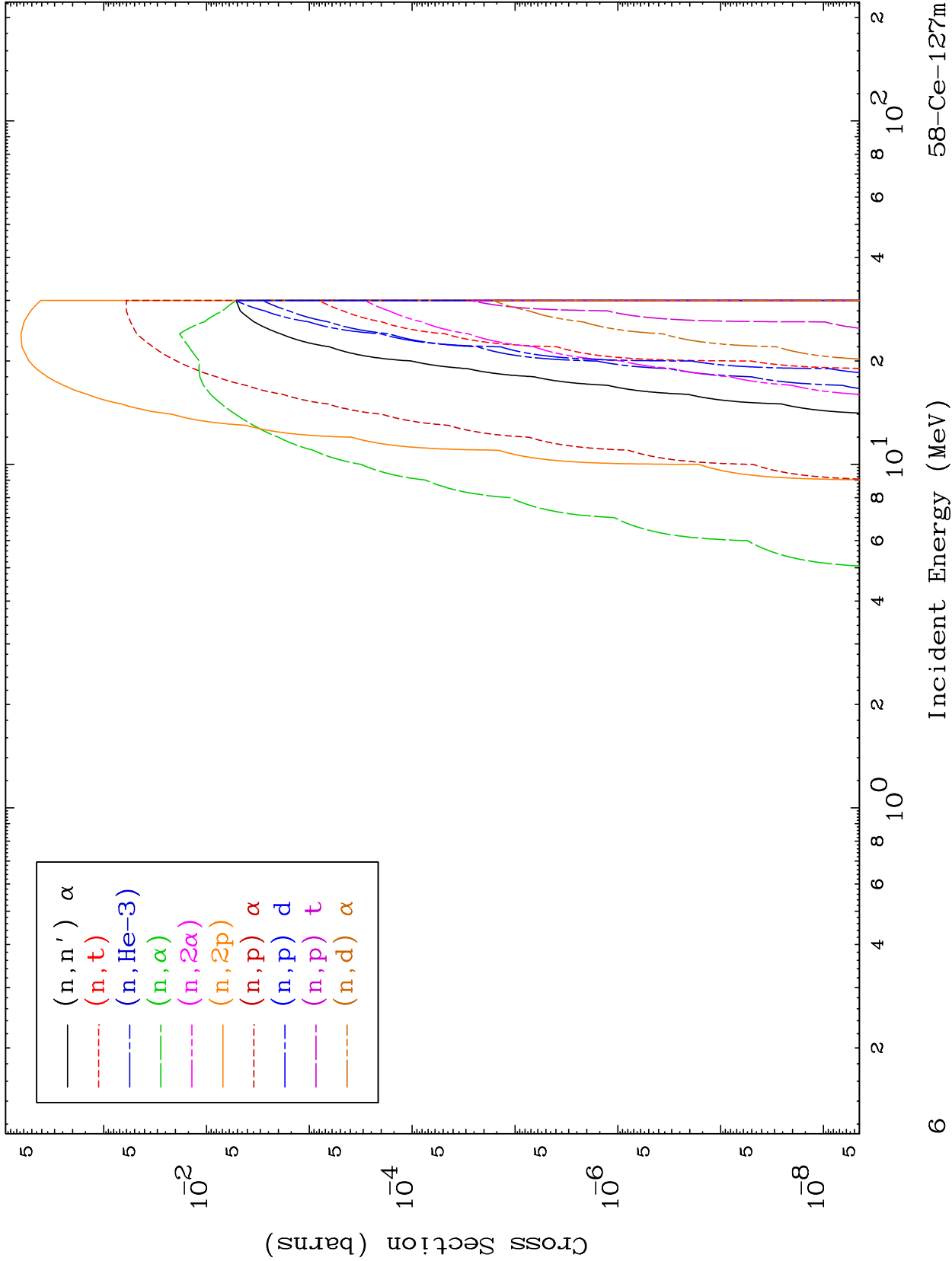
58-Ce-127m



MAT 5799

Proton Charged Particle
0 Kelvin Cross Sections

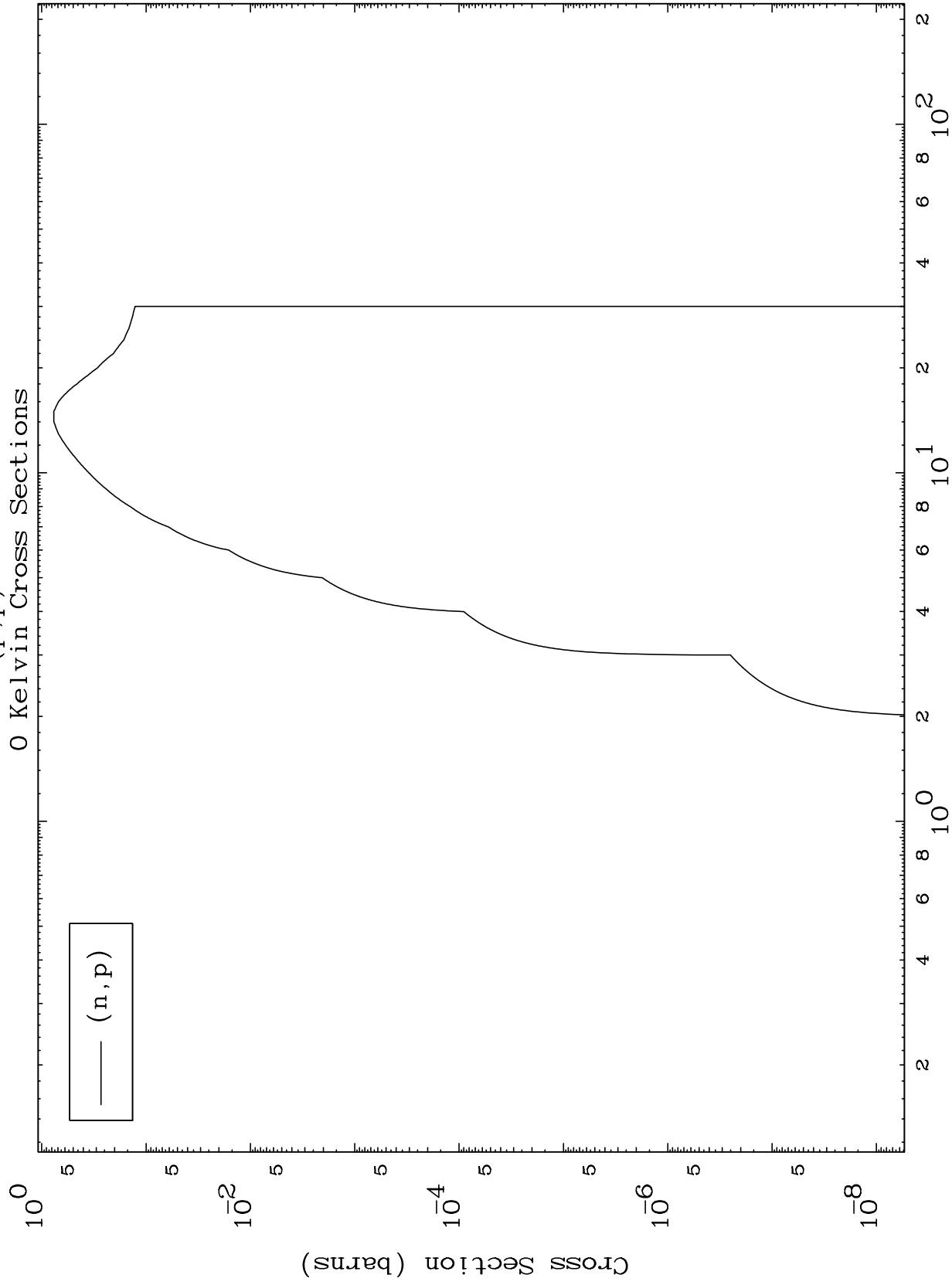
58-Ce-127m



MAT 5799

(p,p) Levels

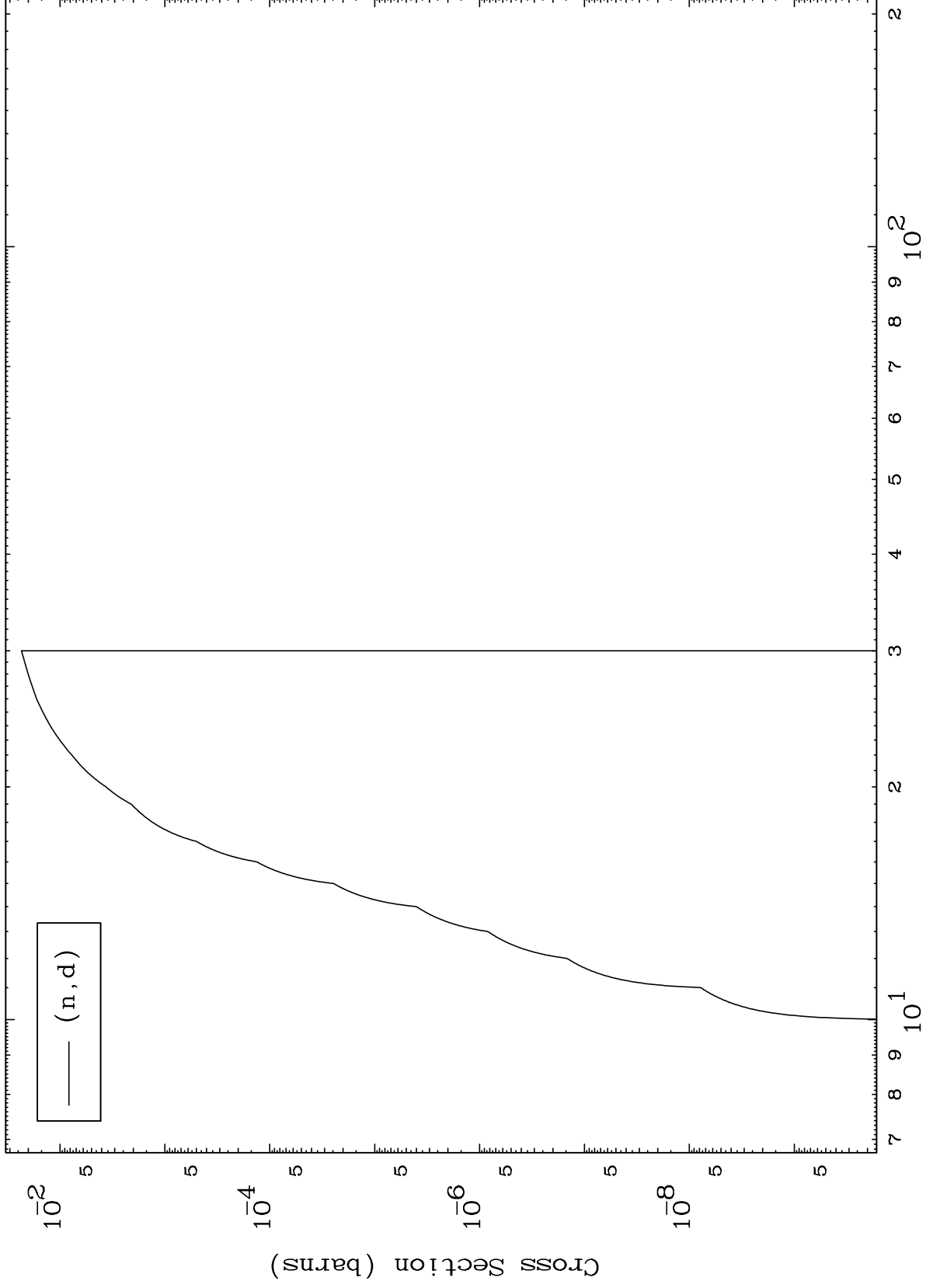
58-Ce-127m



MAT 5799

(p,d) Levels
0 Kelvin Cross Sections

58-Ce-127m



8

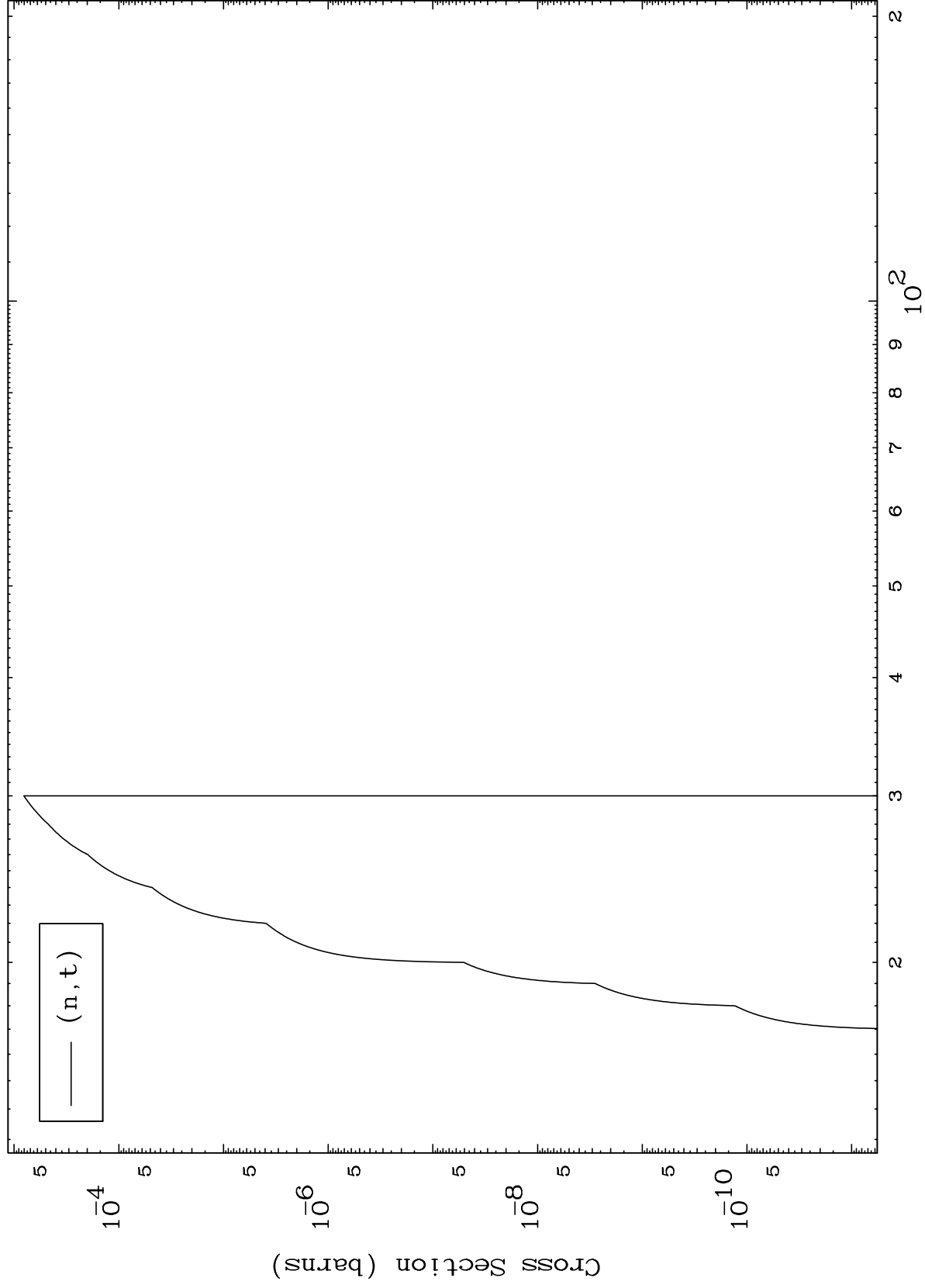
Incident Energy (MeV)

58-Ce-127m

MAT 5799

(p,t) Levels
0 Kelvin Cross Sections

58-Ce-127m



9

Incident Energy (MeV)

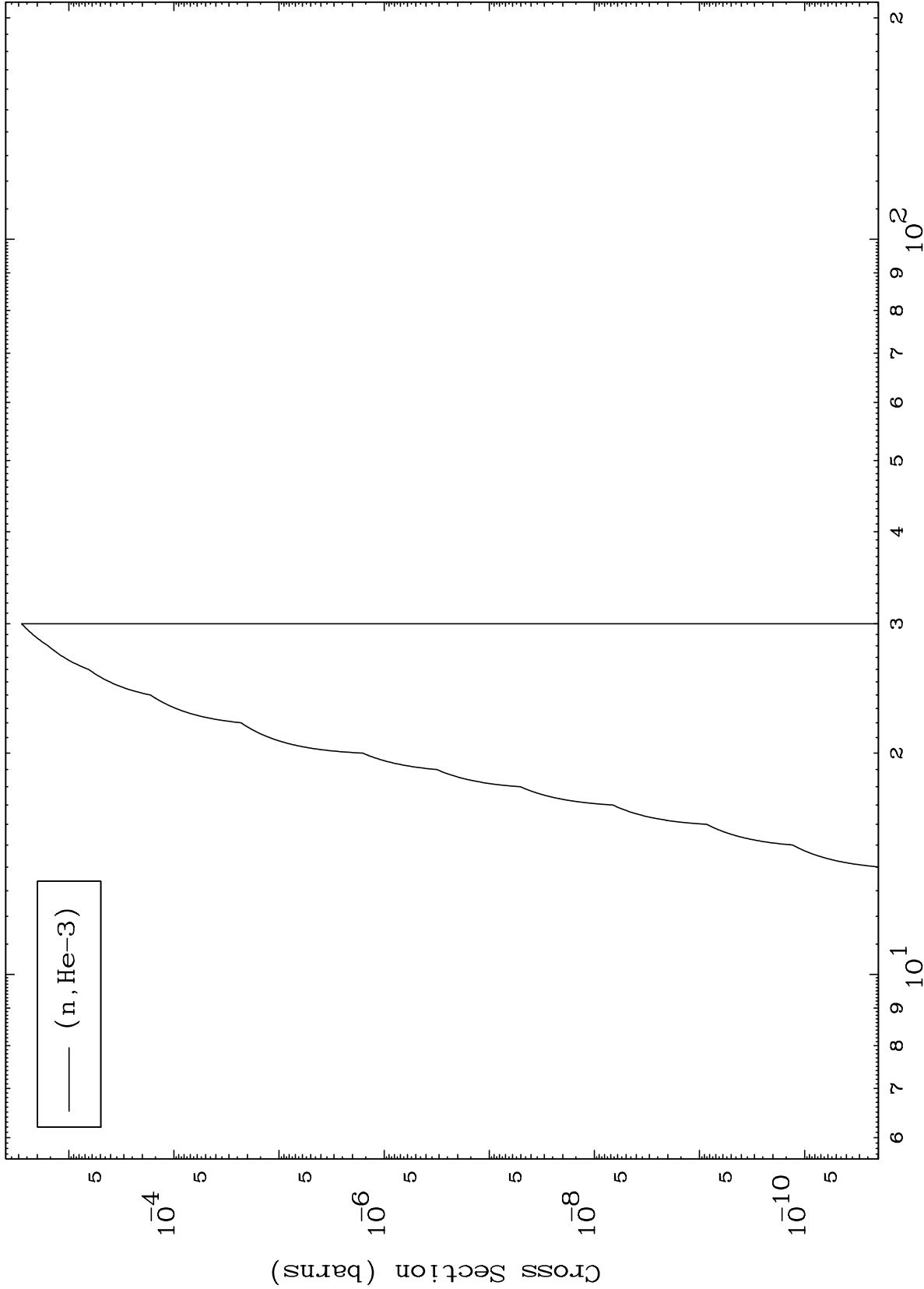
58-Ce-127m

MAT 5799

(p,He3) Levels

58-Ce-127m

0 Kelvin Cross Sections



10

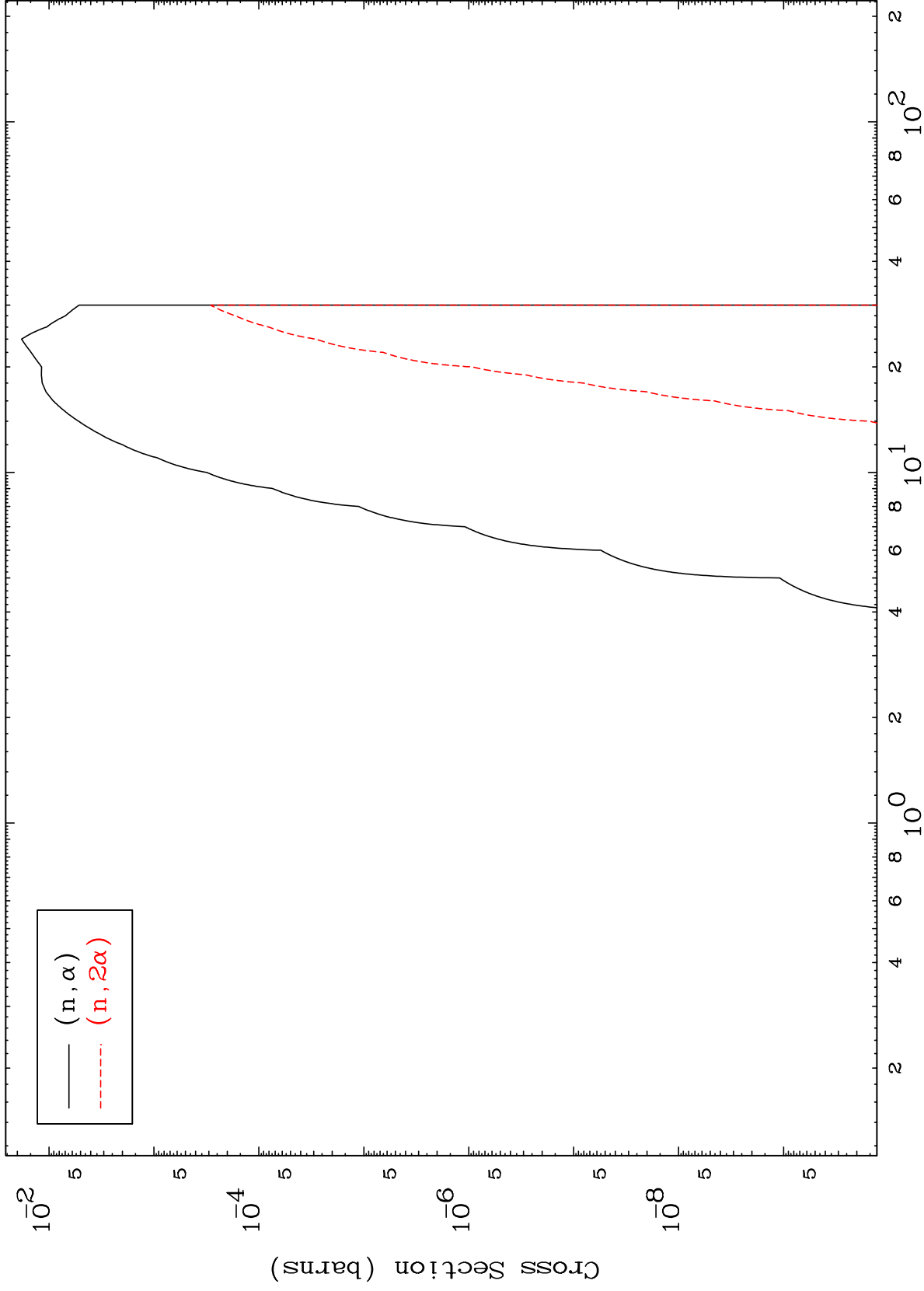
Incident Energy (MeV)

58-Ce-127m

MAT 5799

(p, α) Levels
0 Kelvin Cross Sections

58-Ce-127m



11

Incident Energy (MeV)

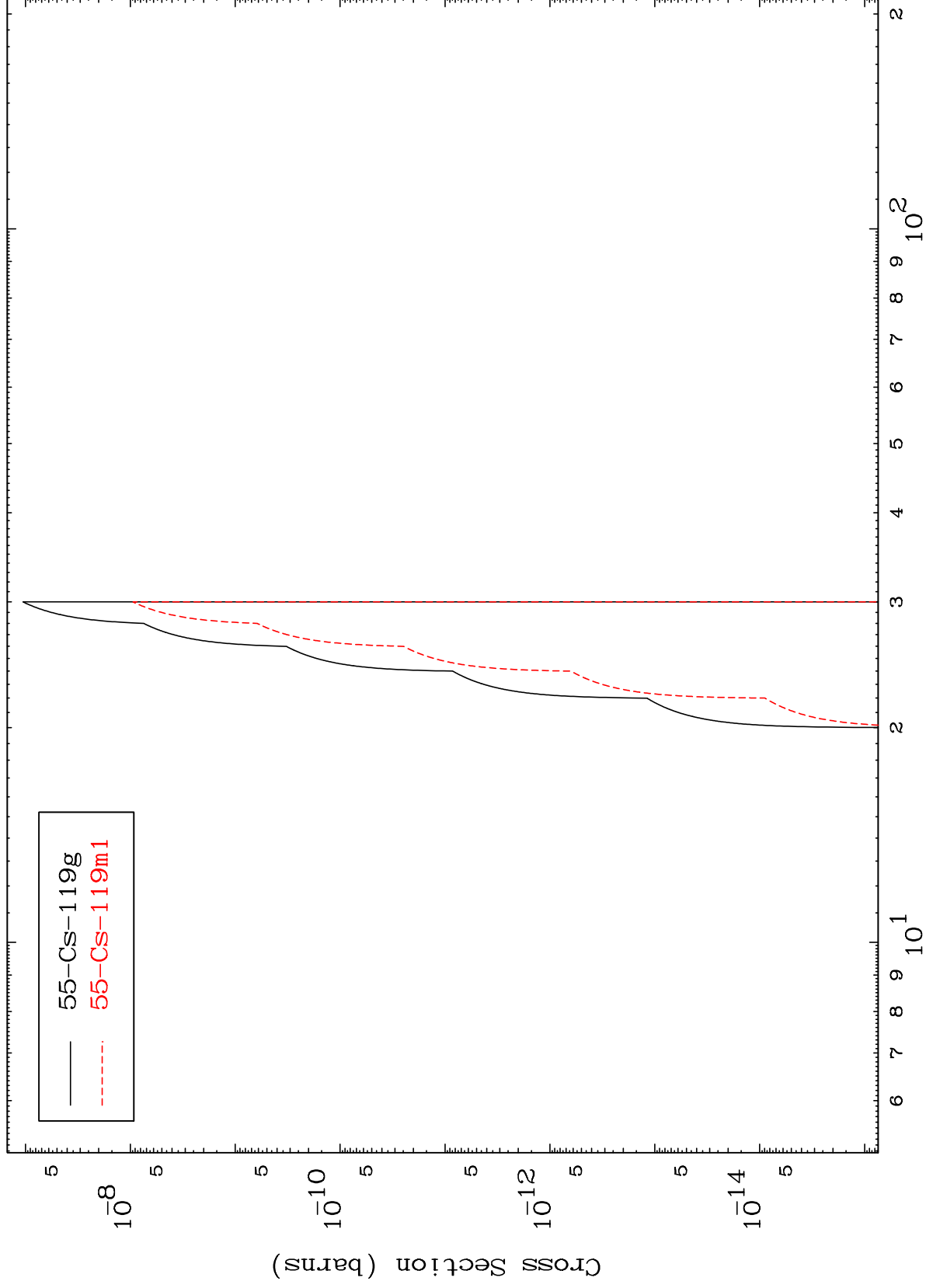
58-Ce-127m

MAT 5799

(n,n') 2α

58-Ce-127m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

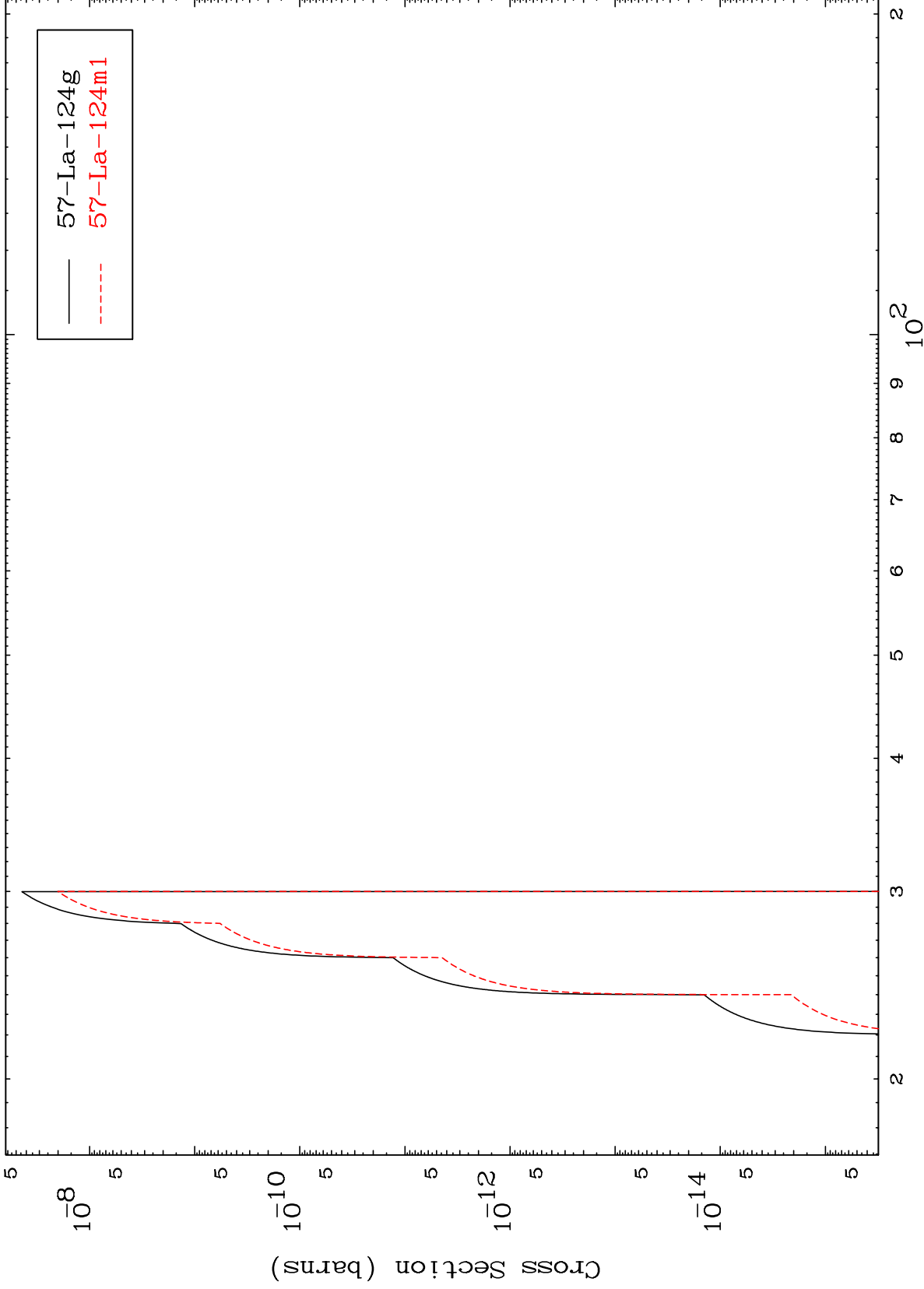
58-Ce-127m

MAT 5799

(n,n') He-3

58-Ce-127m

Radionuclide Production Cross Section



13

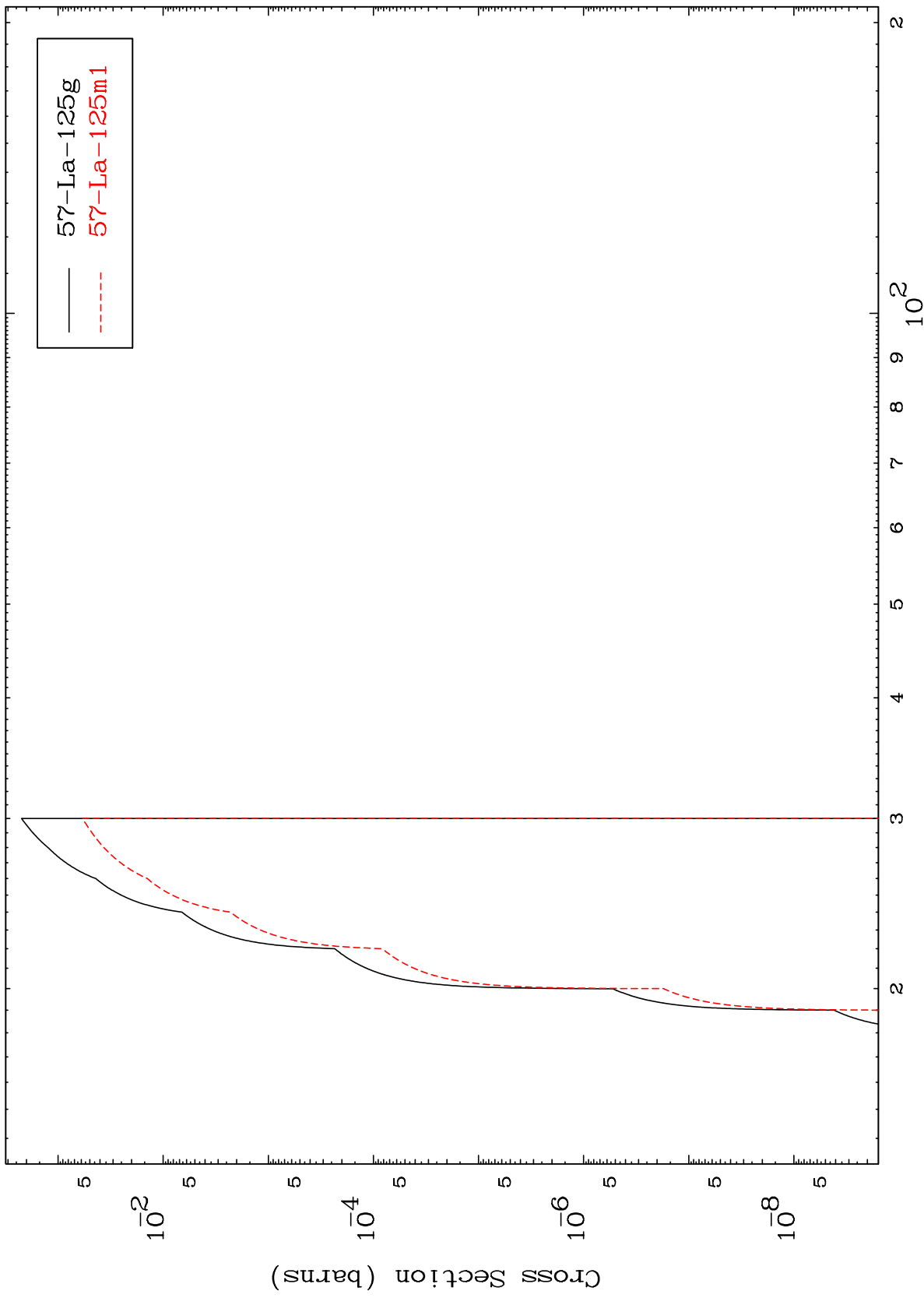
Incident Energy (MeV)

58-Ce-127m

MAT 5799

58-Ce-127m

(n,2n) p
Radionuclide Production Cross Section



14

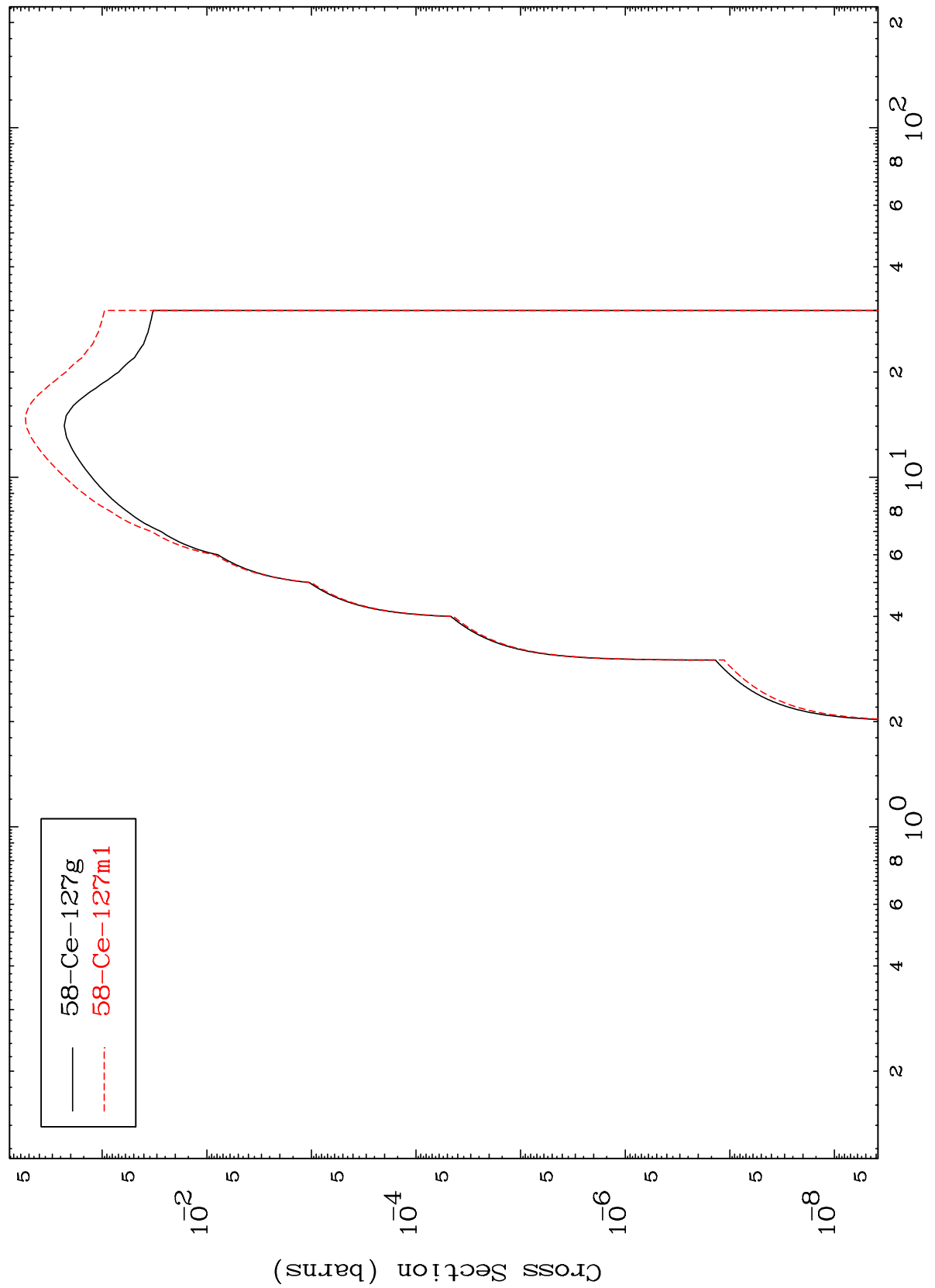
58-Ce-127m

Incident Energy (MeV)

MAT 5799

58-Ce-127m

(n,p)
Radionuclide Production Cross Section



15

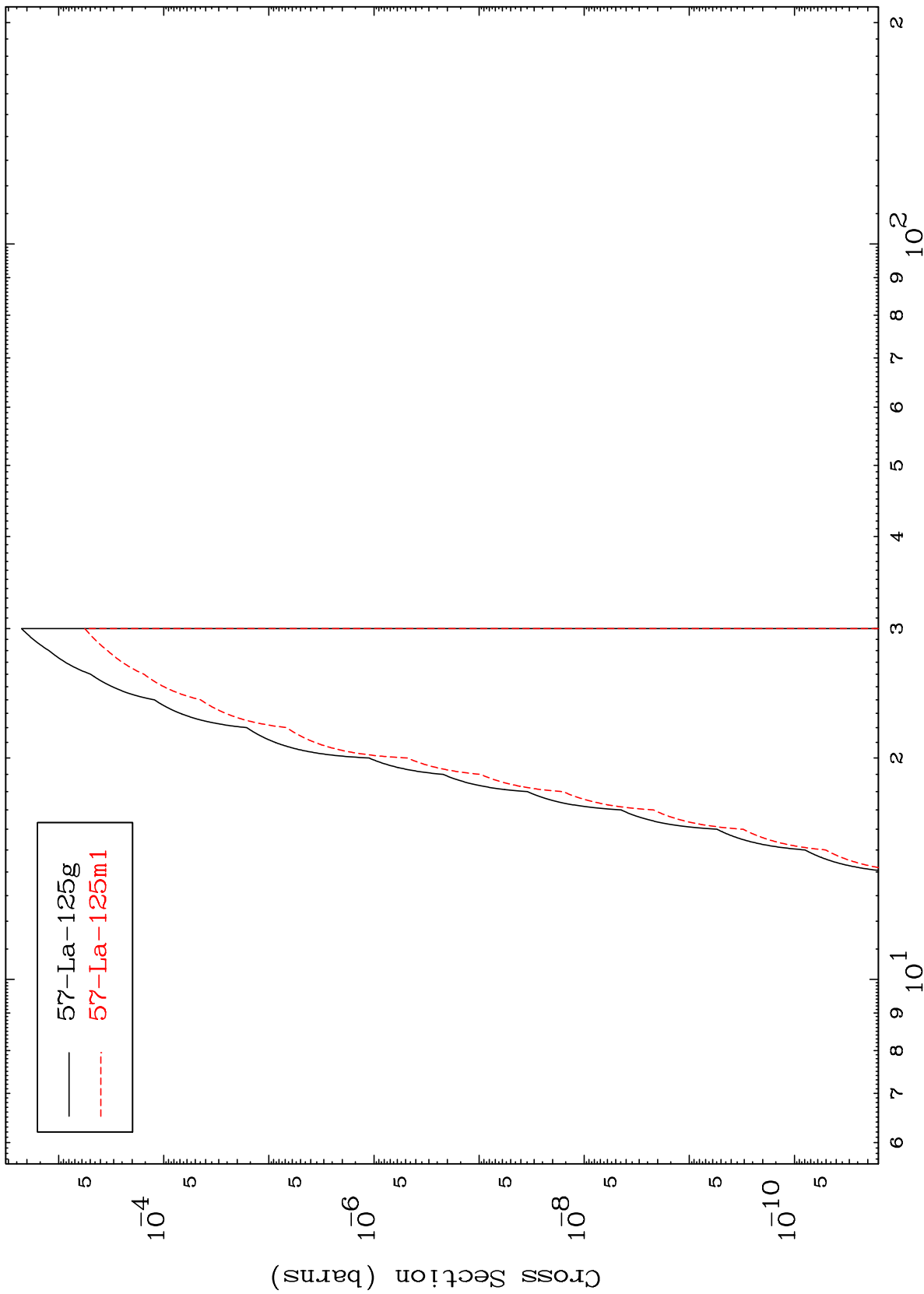
58-Ce-127m

Incident Energy (MeV)

MAT 5799

58-Ce-127m

(n,He-3)
Radionuclide Production Cross Section



57-La-125g
57-La-125m1

58-Ce-127m

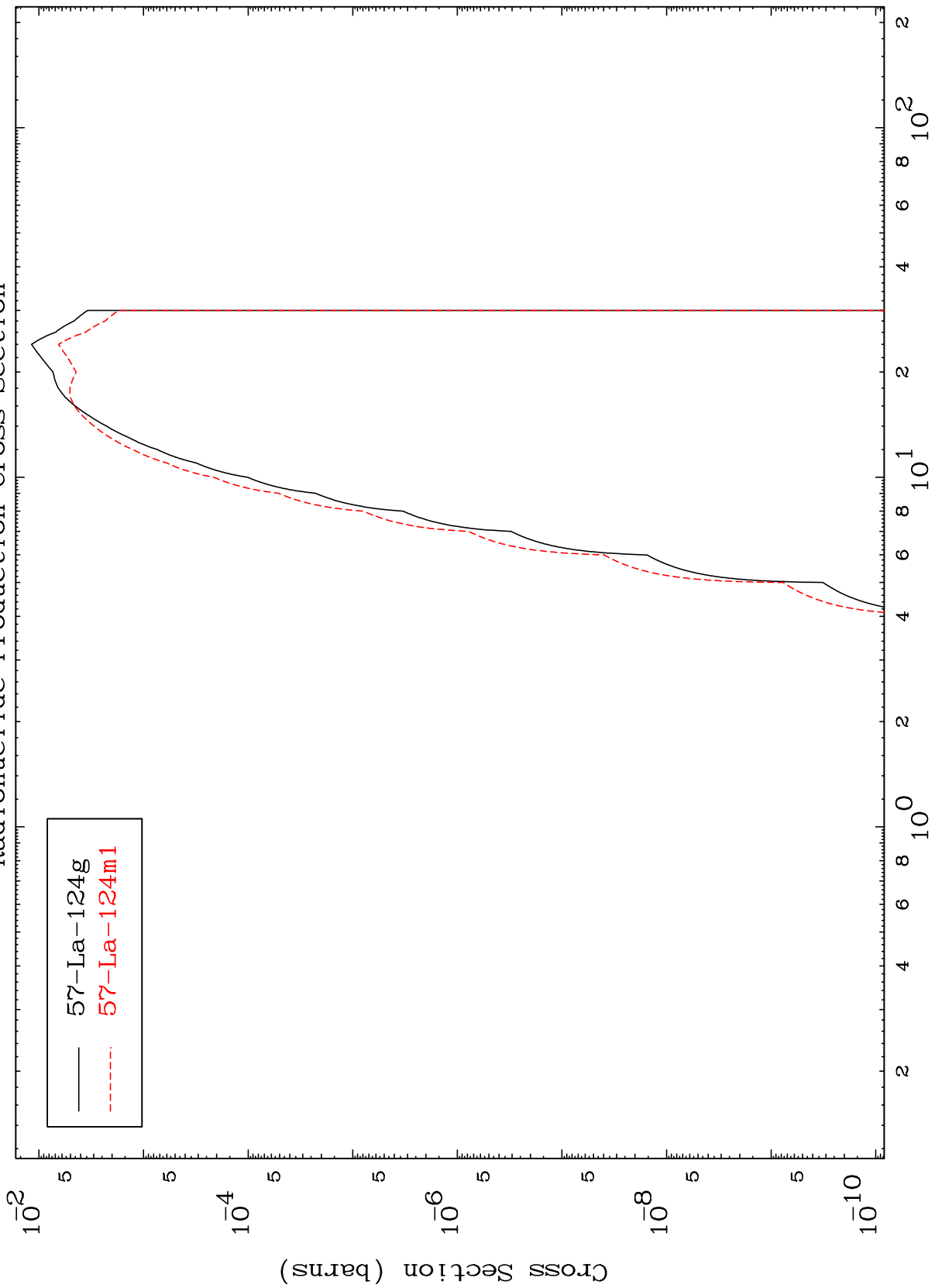
Incident Energy (MeV)

16

MAT 5799

58-Ce-127m

Radionuclide Production Cross Section

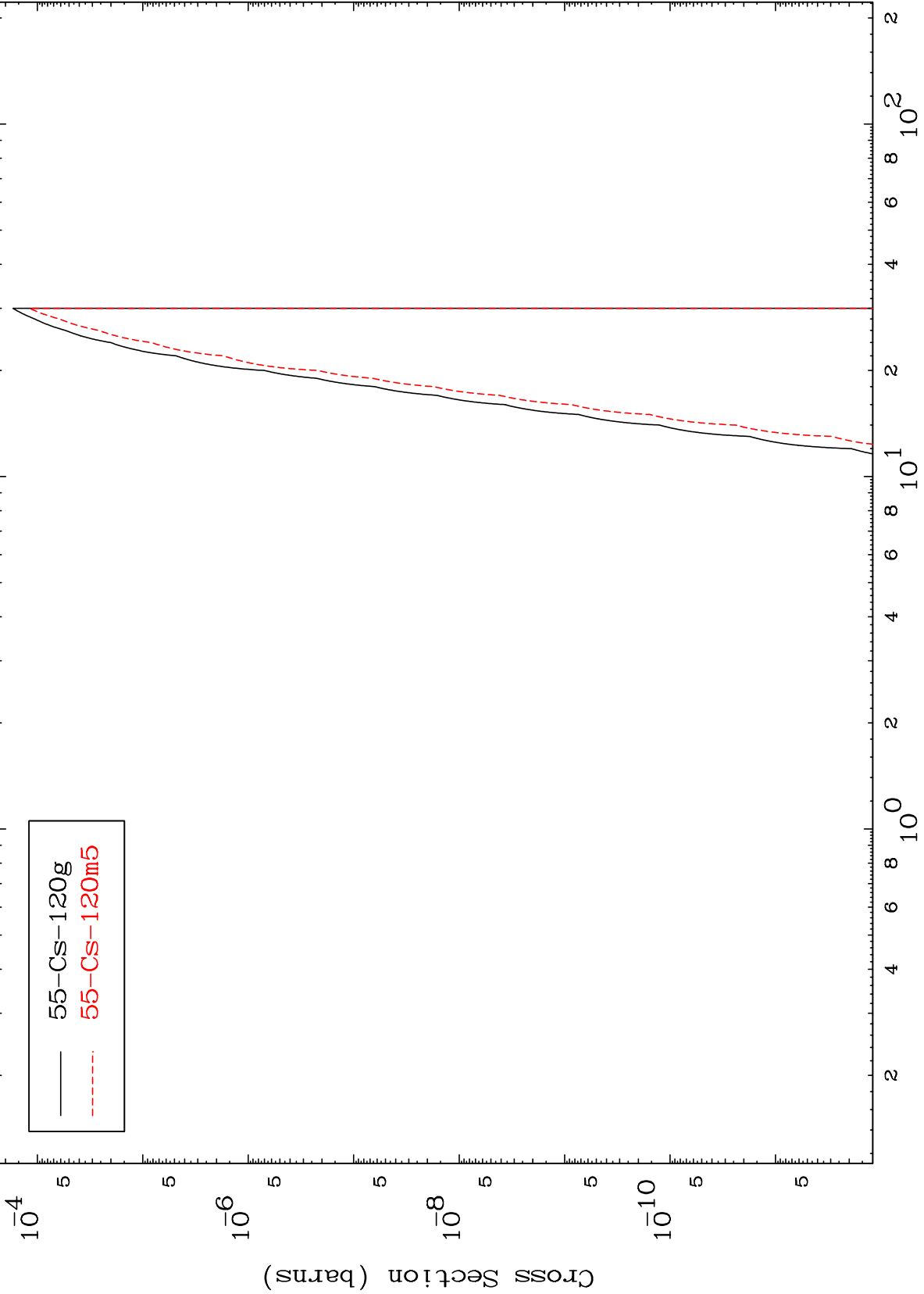


MAT 5799

(n,2α)

58-Ce-127m

Radionuclide Production Cross Section

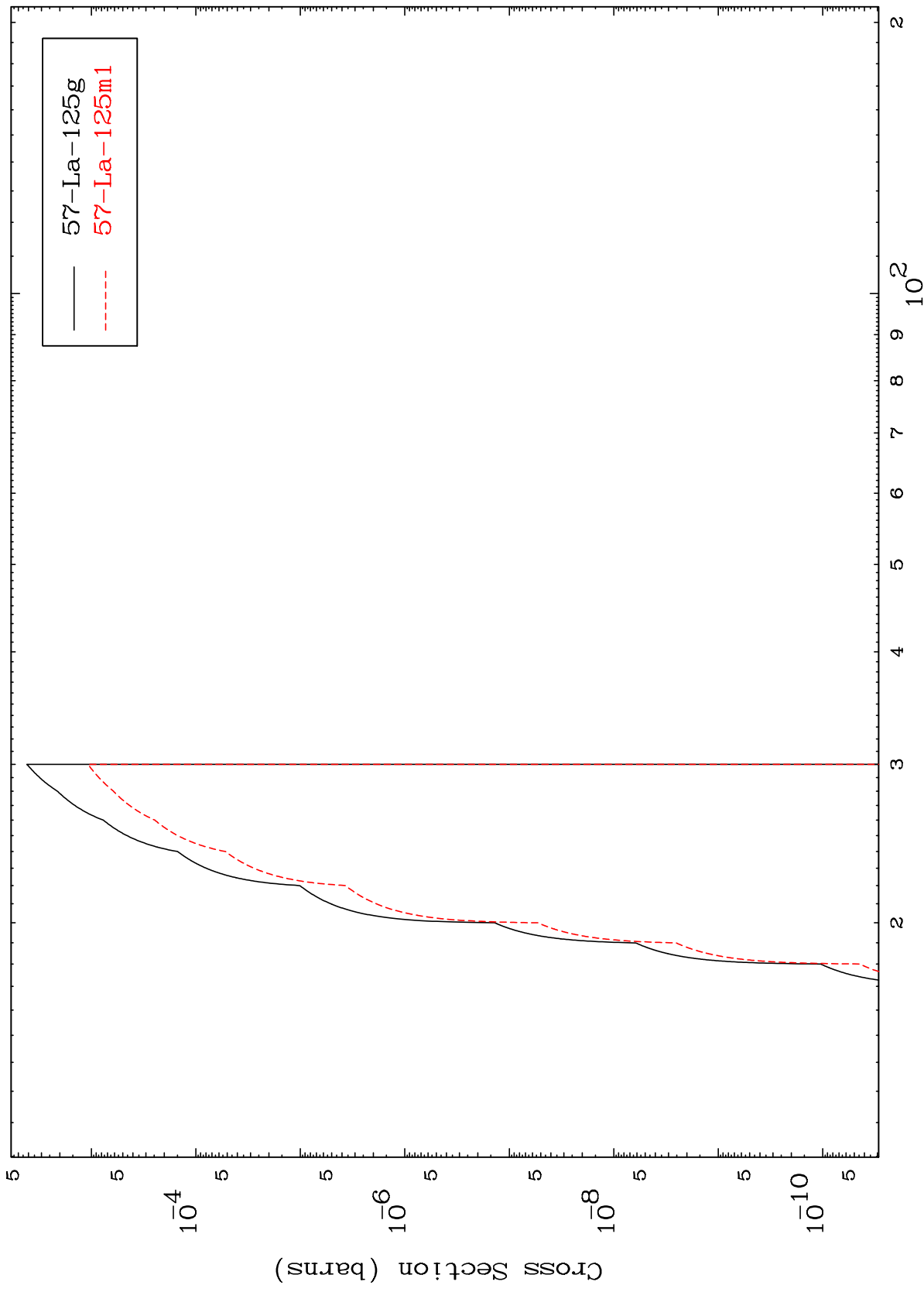


MAT 5799

(n,p) d

58-Ce-127m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

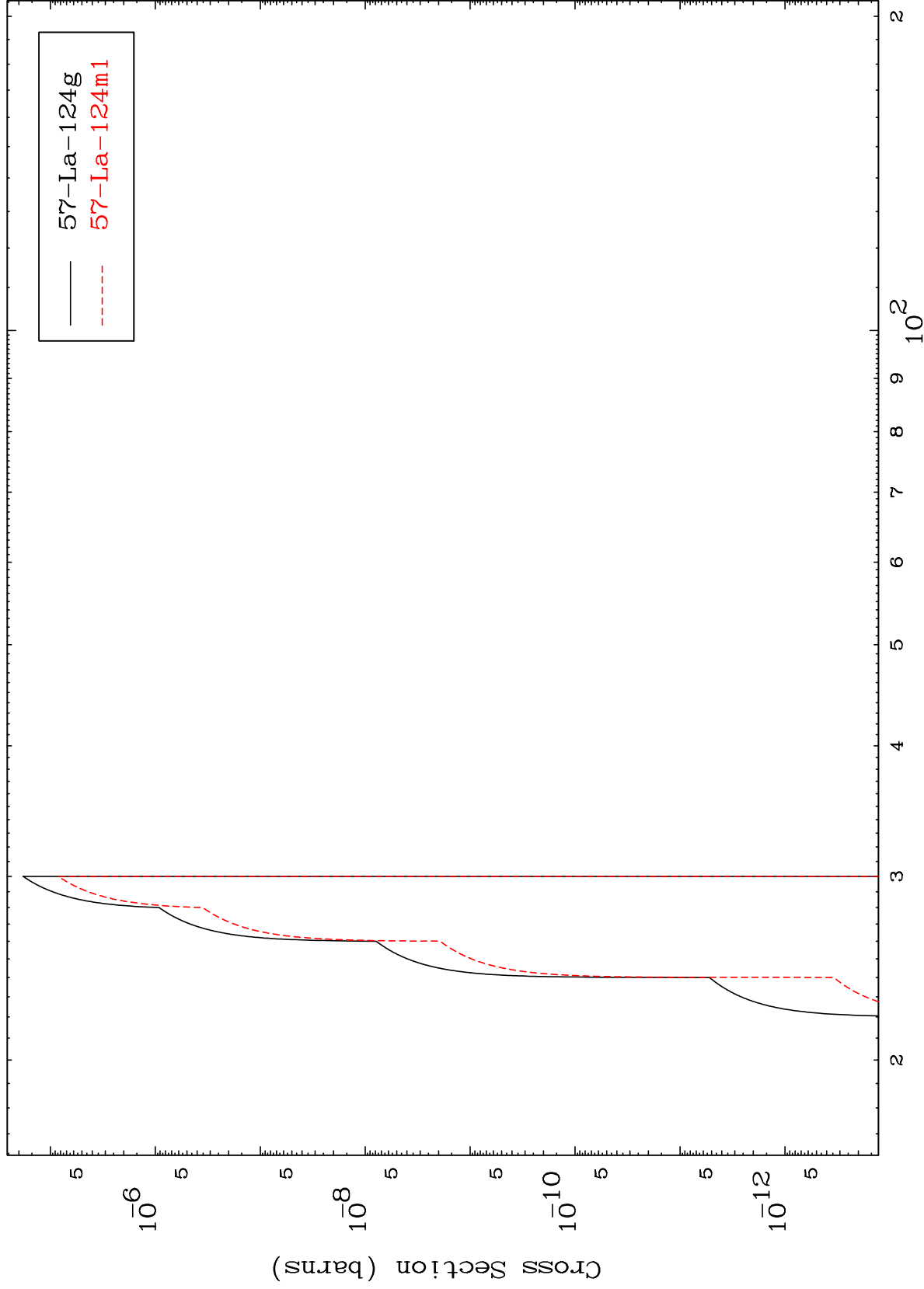
58-Ce-127m

MAT 5799

(n,p) t

58-Ce-127m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

58-Ce-127m