

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

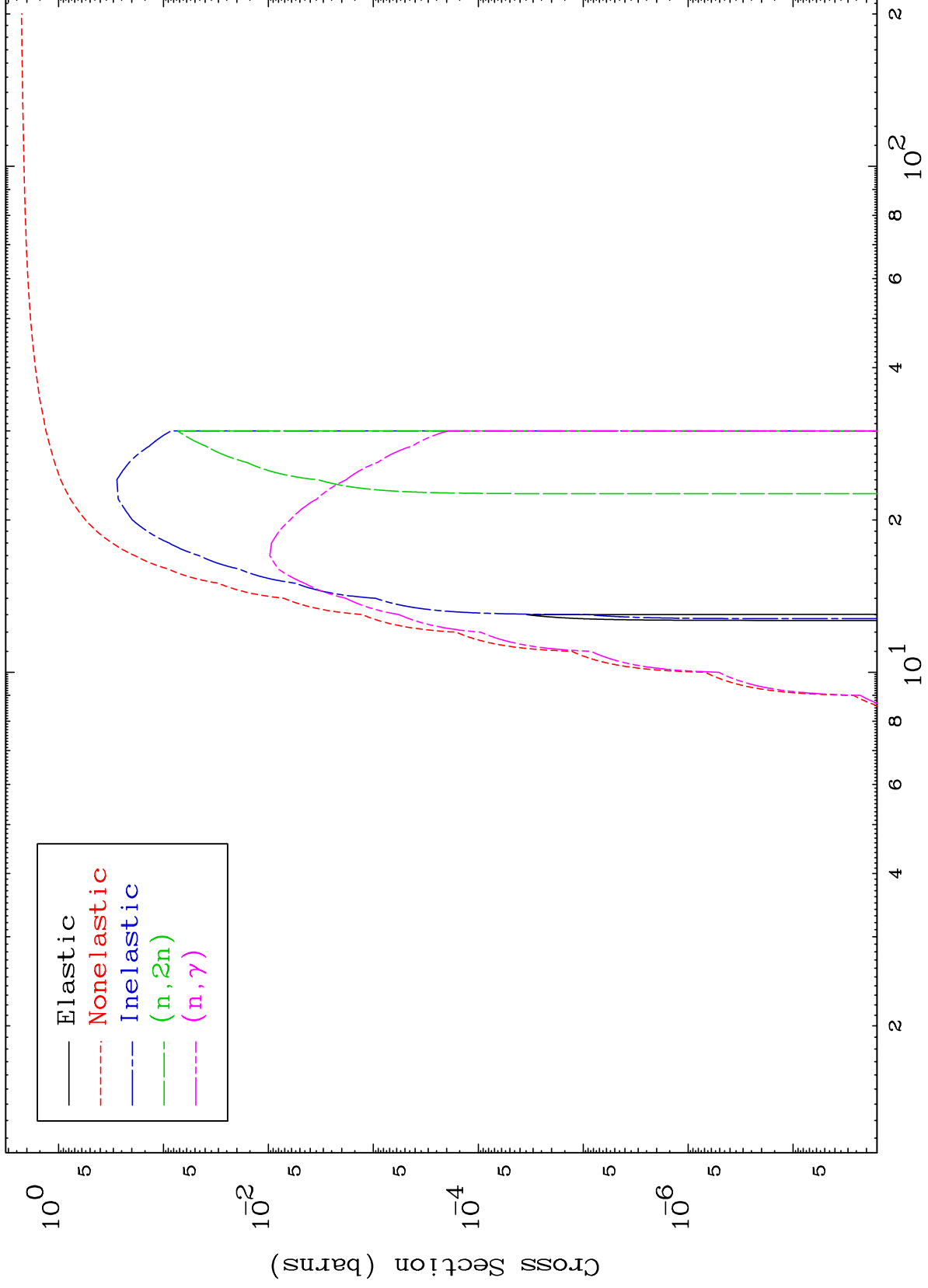
Press Mouse Button to Start

MAT 5692

0 Kelvin Cross Sections

α Major

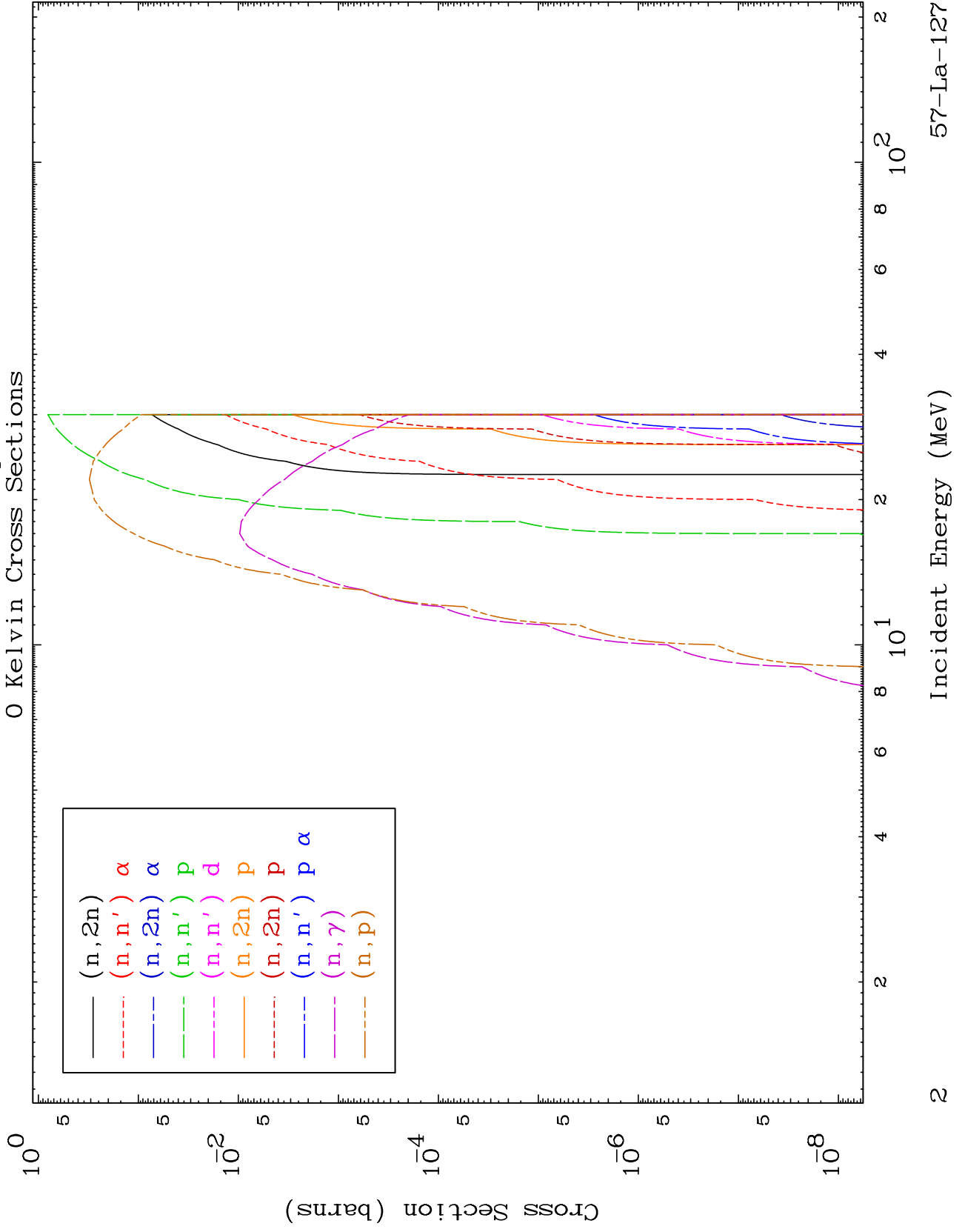
57-La-127



MAT 5692

α Neutron Absorption
0 Kelvin Cross Sections

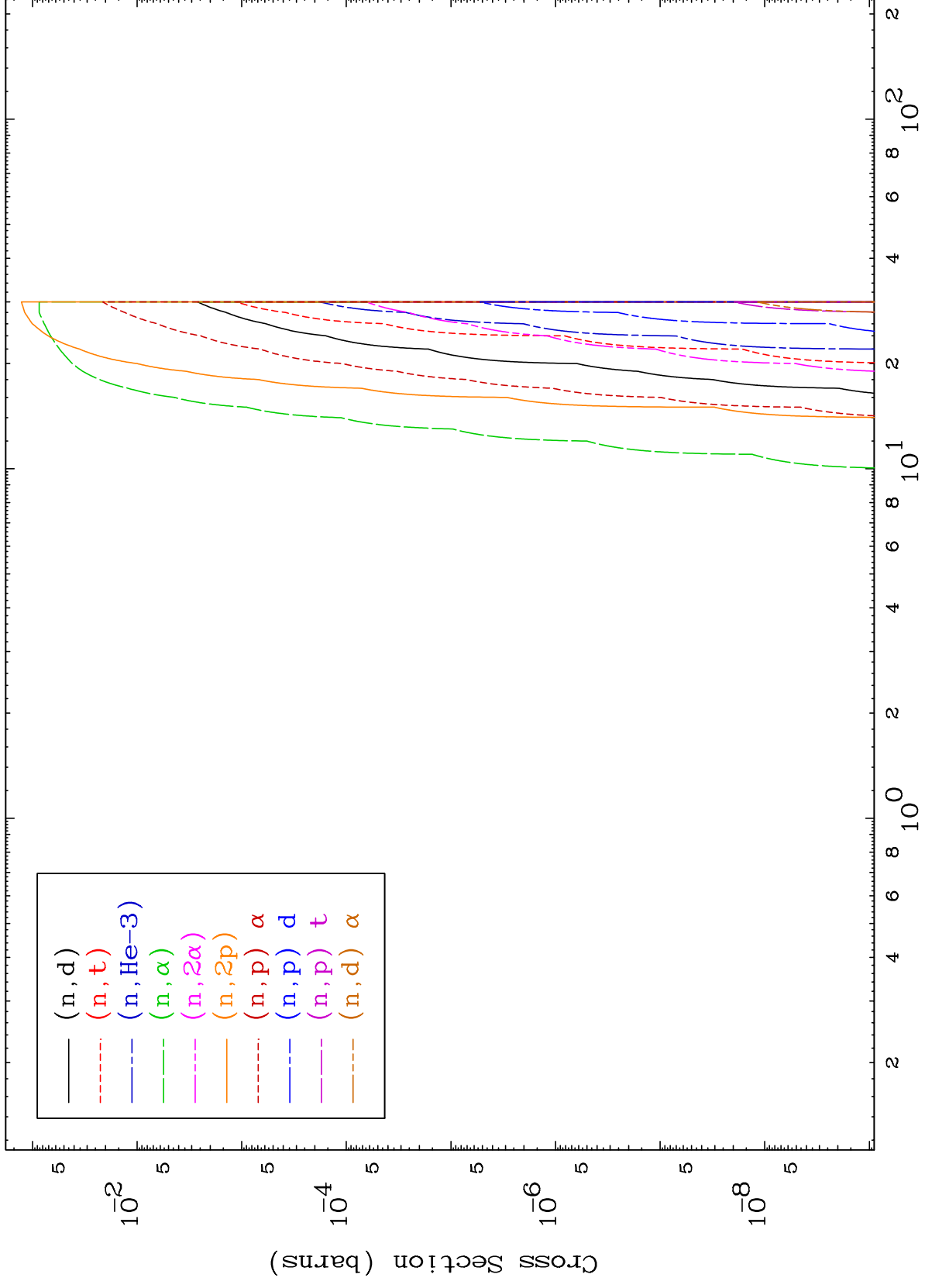
57-La-127



MAT 5692

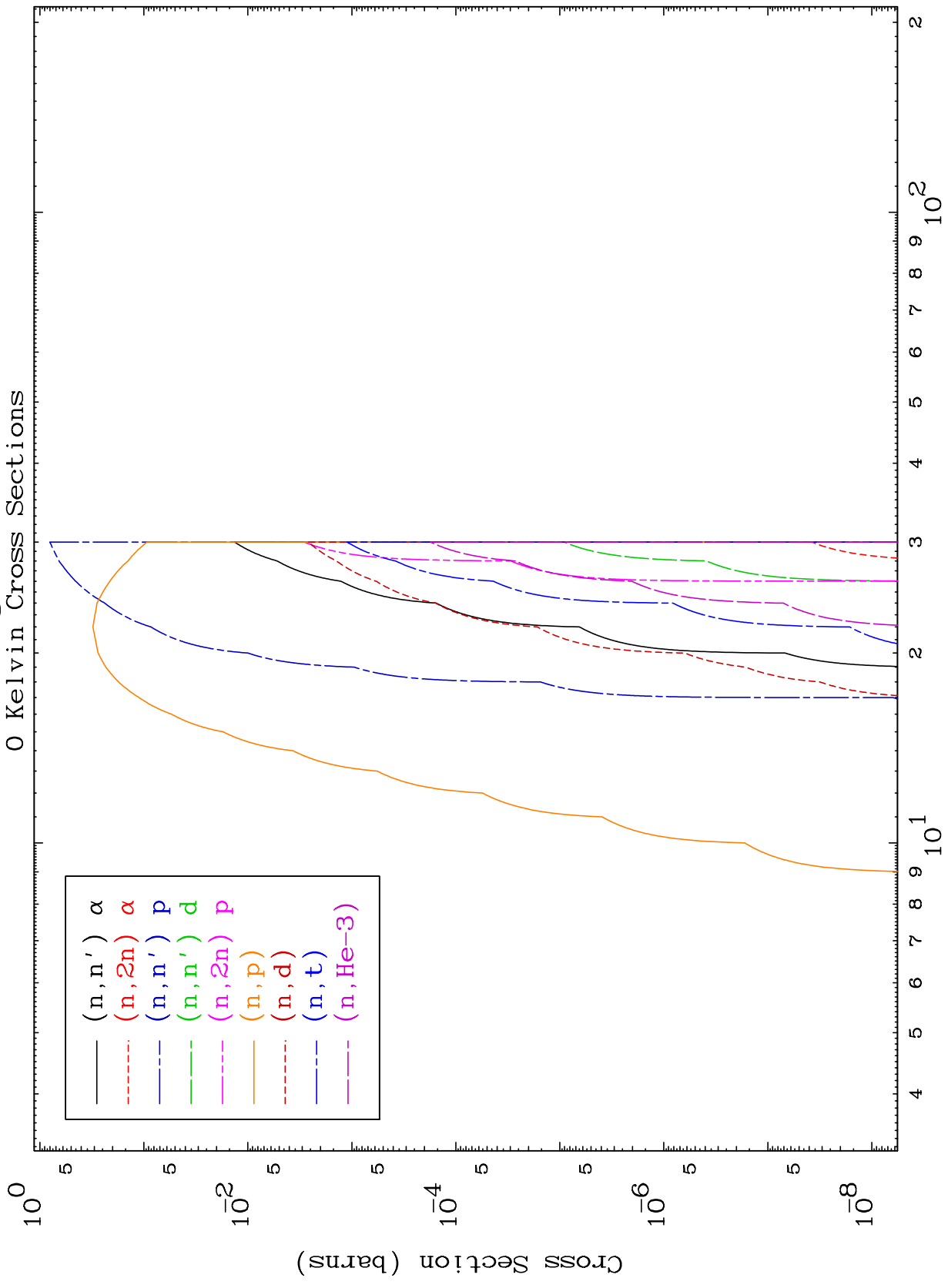
α Neutron Absorption
0 Kelvin Cross Sections

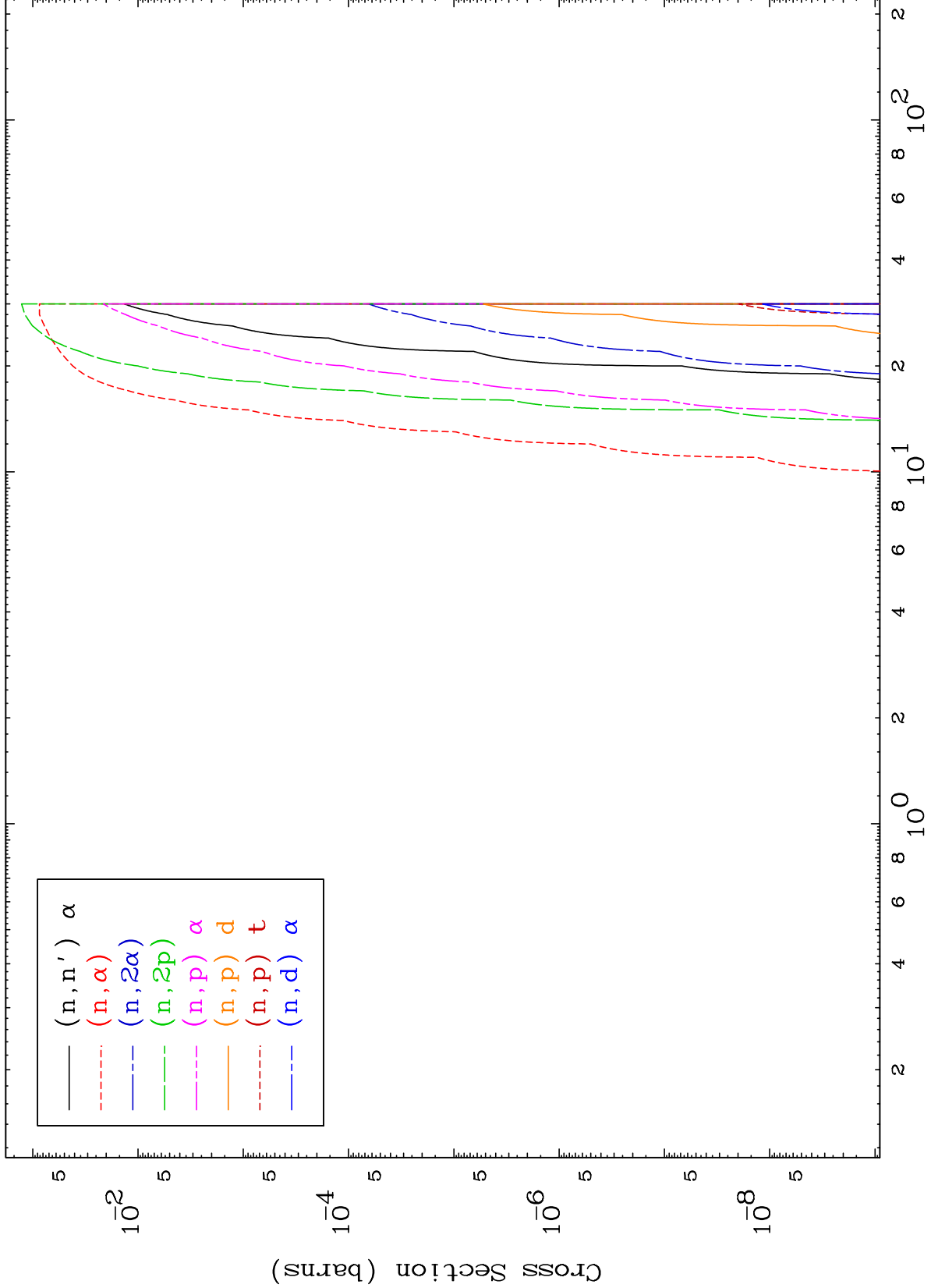
57-La-127



57-La-127

Incident Energy (MeV)

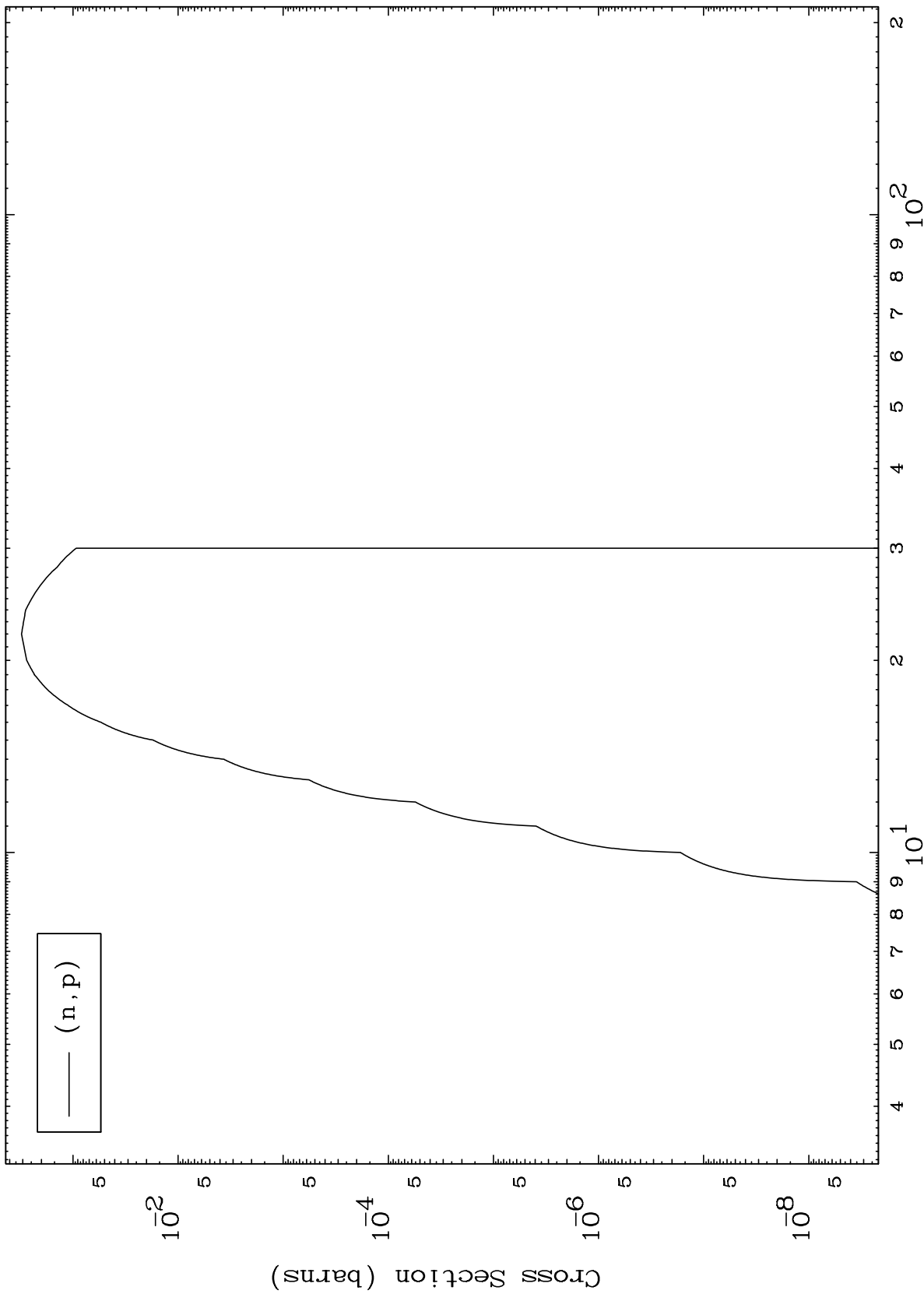




MAT 5692

57-La-127

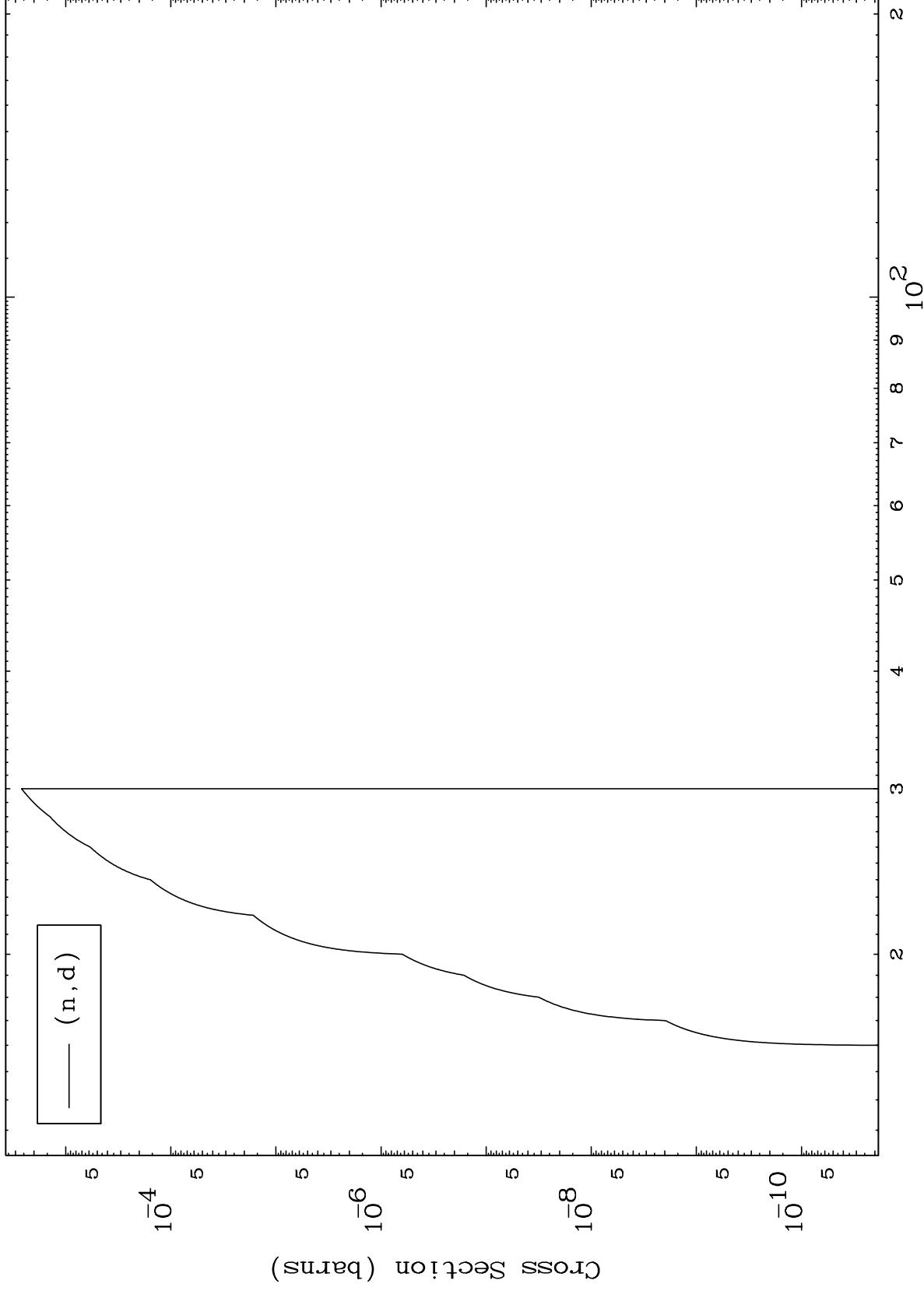
(α, p) Levels
0 Kelvin Cross Sections



57-La-127

Incident Energy (MeV)

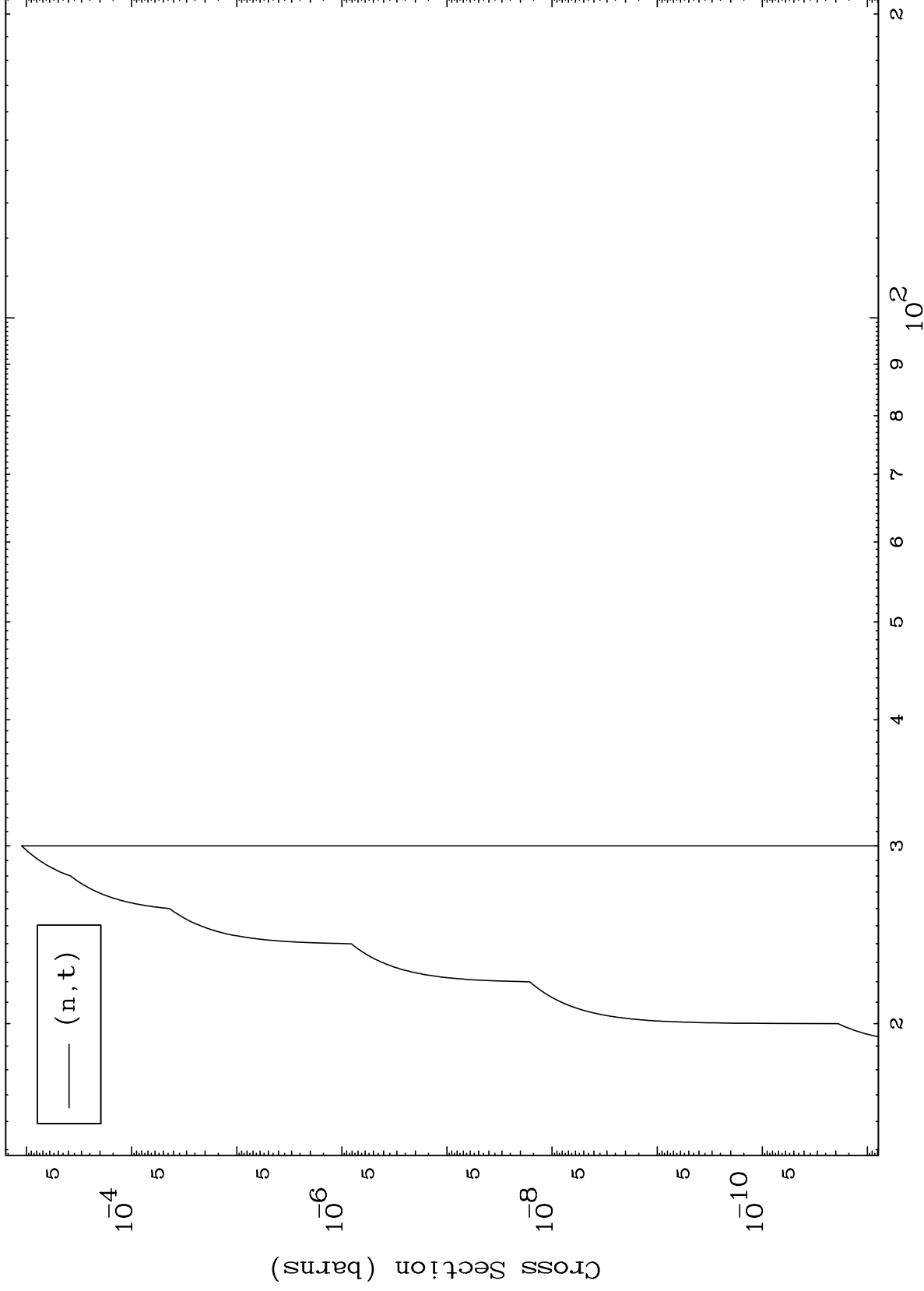
6



MAT 5692

(α, t) Levels
0 Kelvin Cross Sections

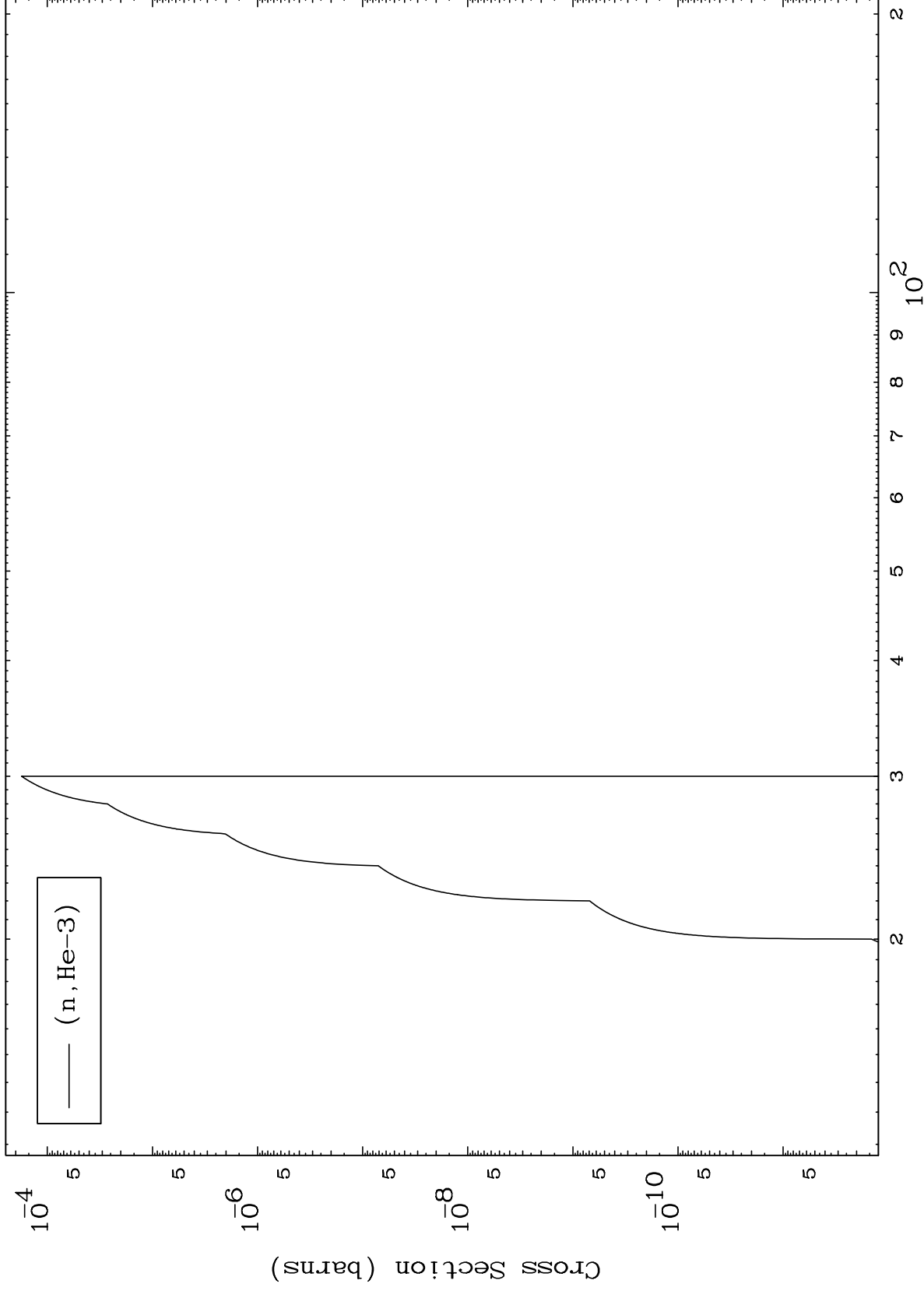
57-La-127



8

Incident Energy (MeV)

57-La-127

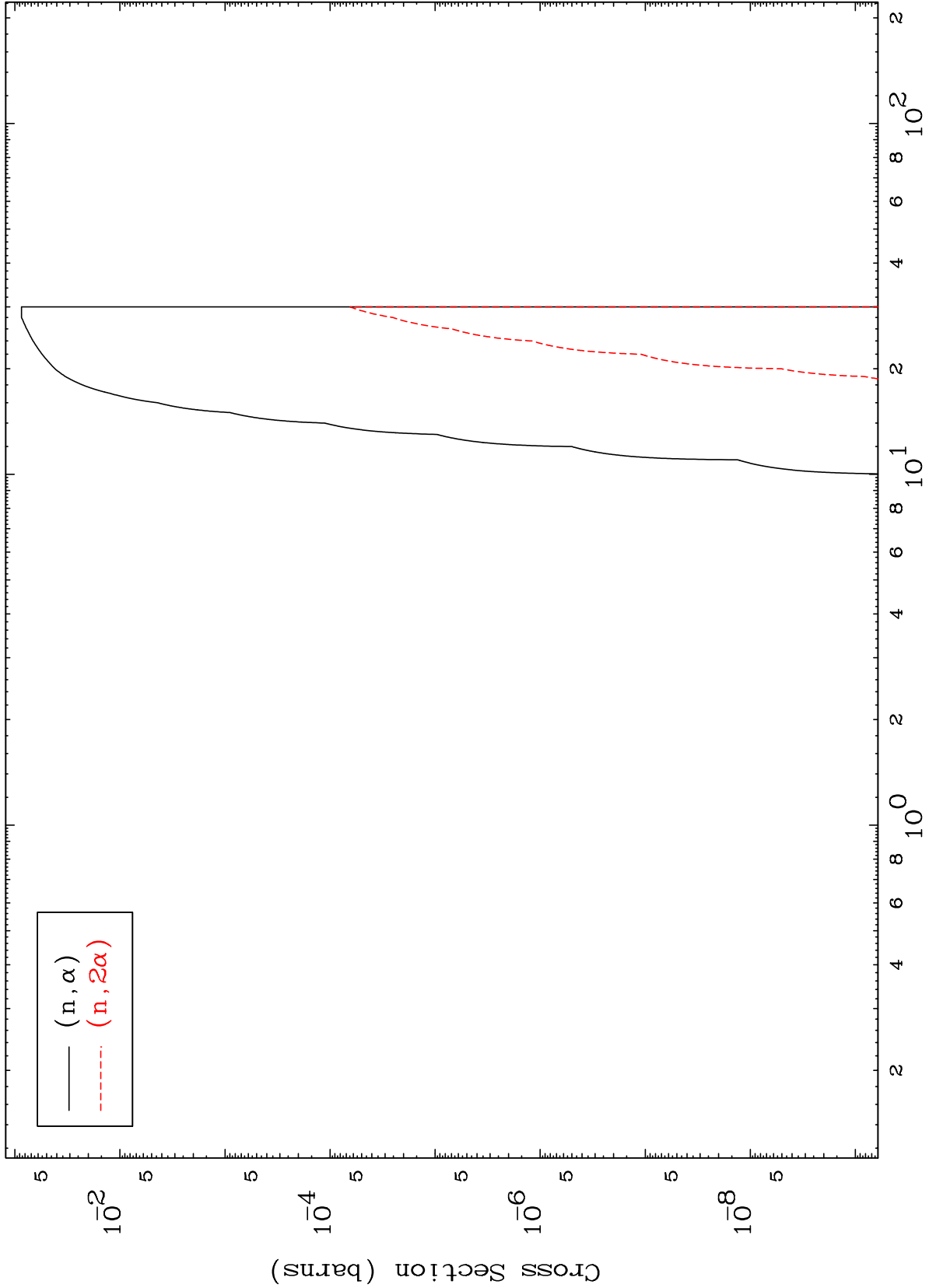


MAT 5692

(α, α) Levels

57-La-127

0 Kelvin Cross Sections



10

Incident Energy (MeV)

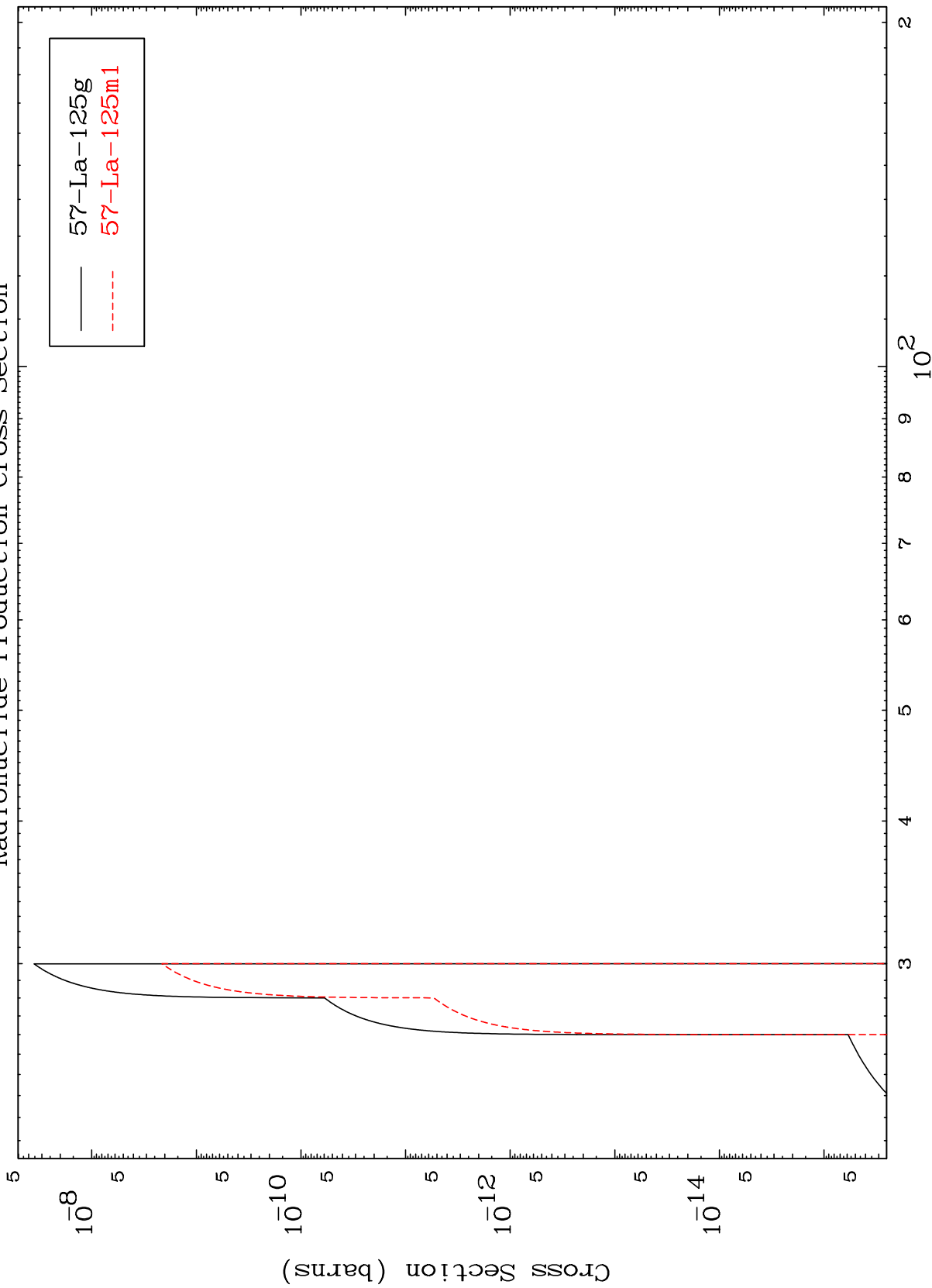
57-La-127

MAT 5692

$(n,2n) \alpha$

57-La-127

Radionuclide Production Cross Section



11

Incident Energy (MeV)

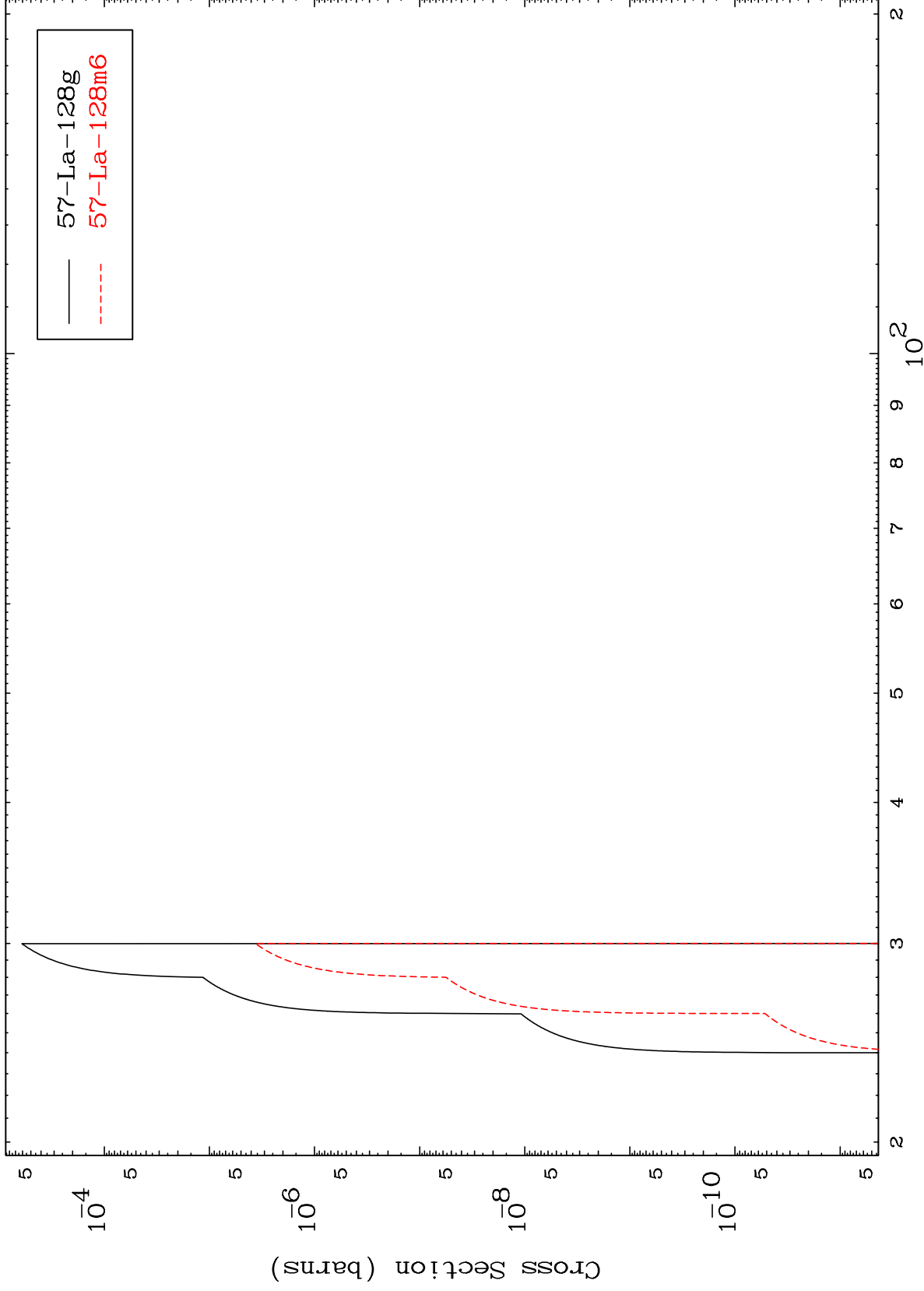
57-La-127

MAT 5692

$(n,2n)$ p

57-La-127

Radionuclide Production Cross Section



12

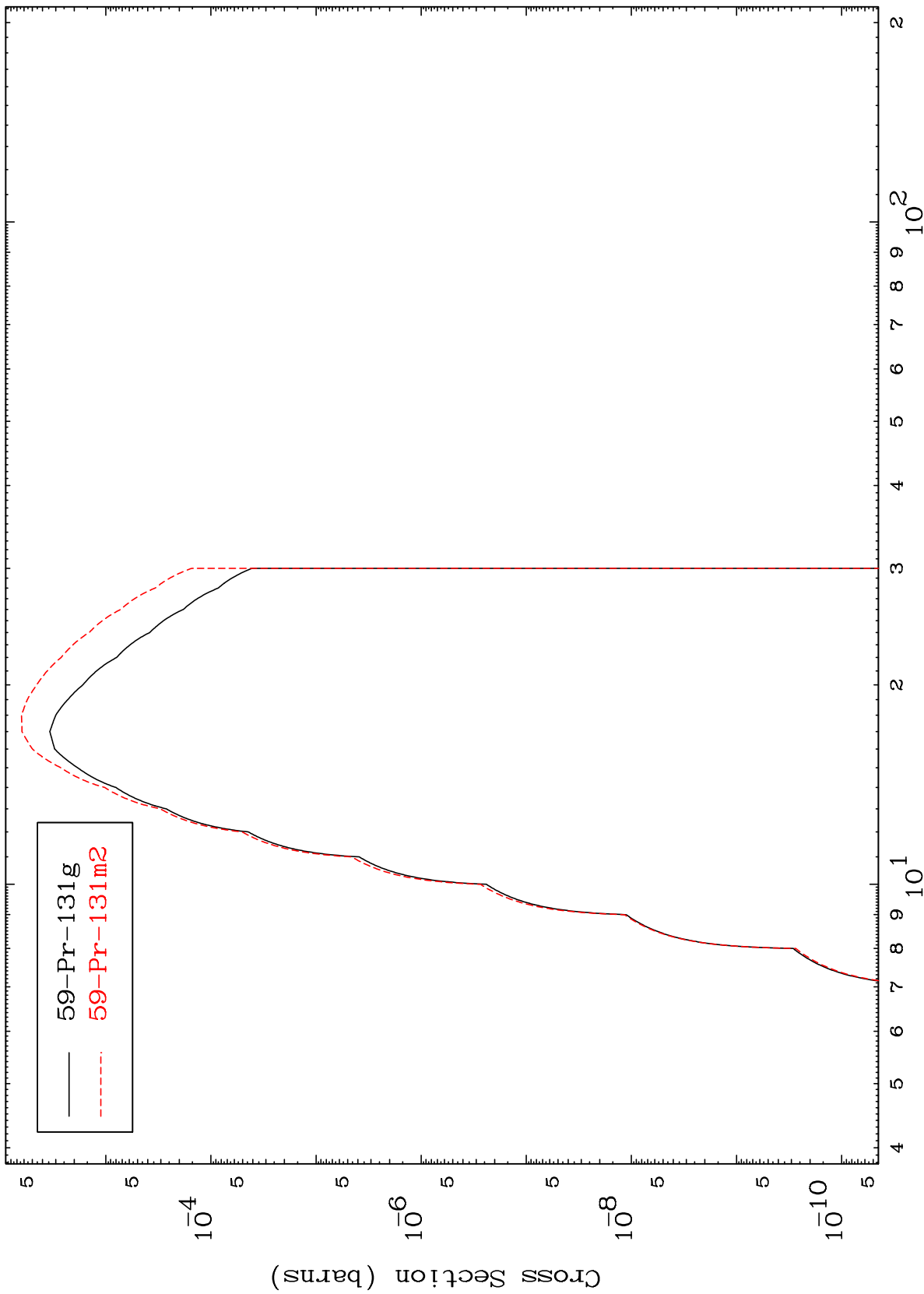
Incident Energy (MeV)

57-La-127

MAT 5692

57-La-127

Radionuclide Production Cross Section
(n, γ)



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

57-La-127

Incident Energy (MeV)

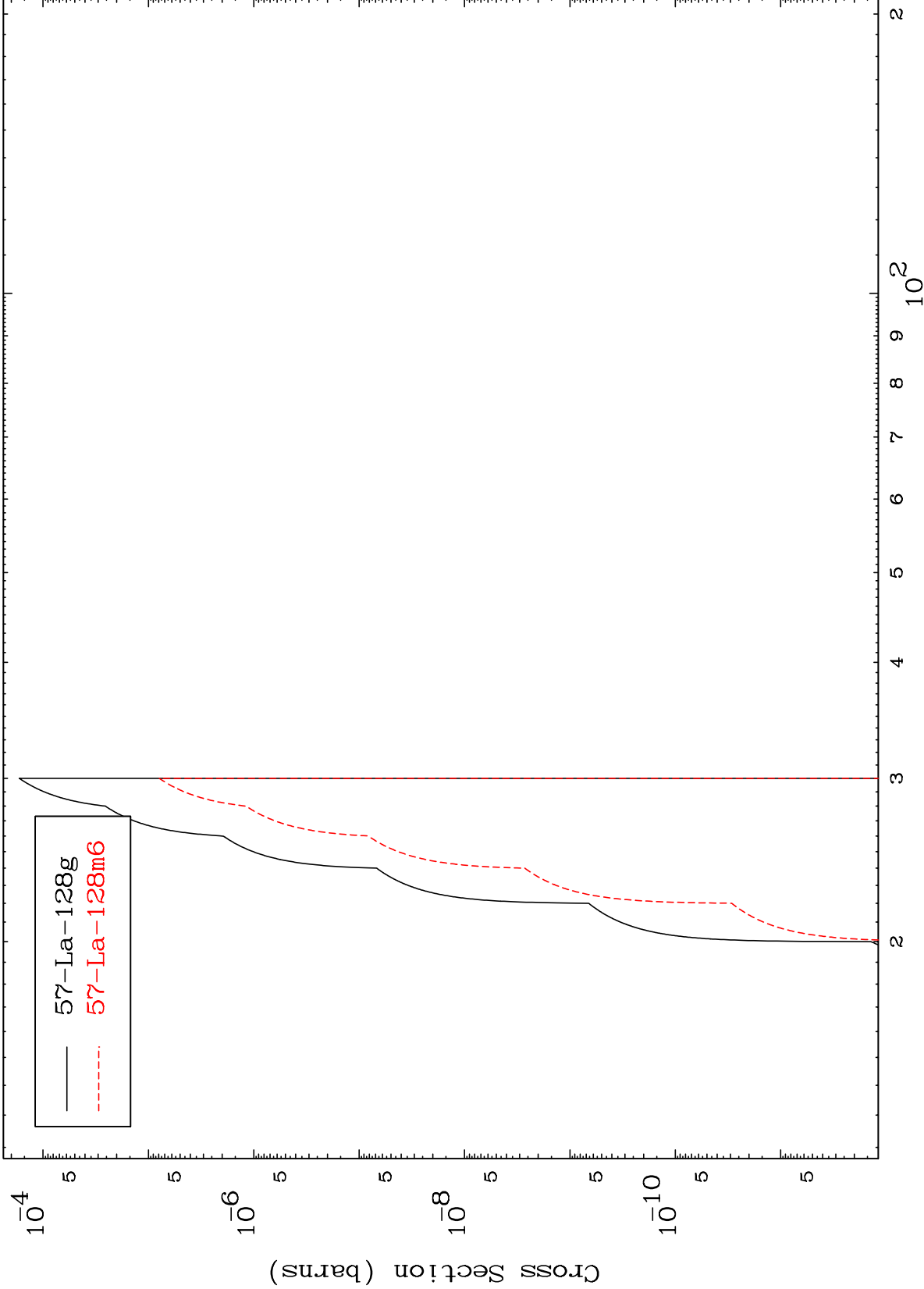
13

MAT 5692

(n,He-3)

57-La-127

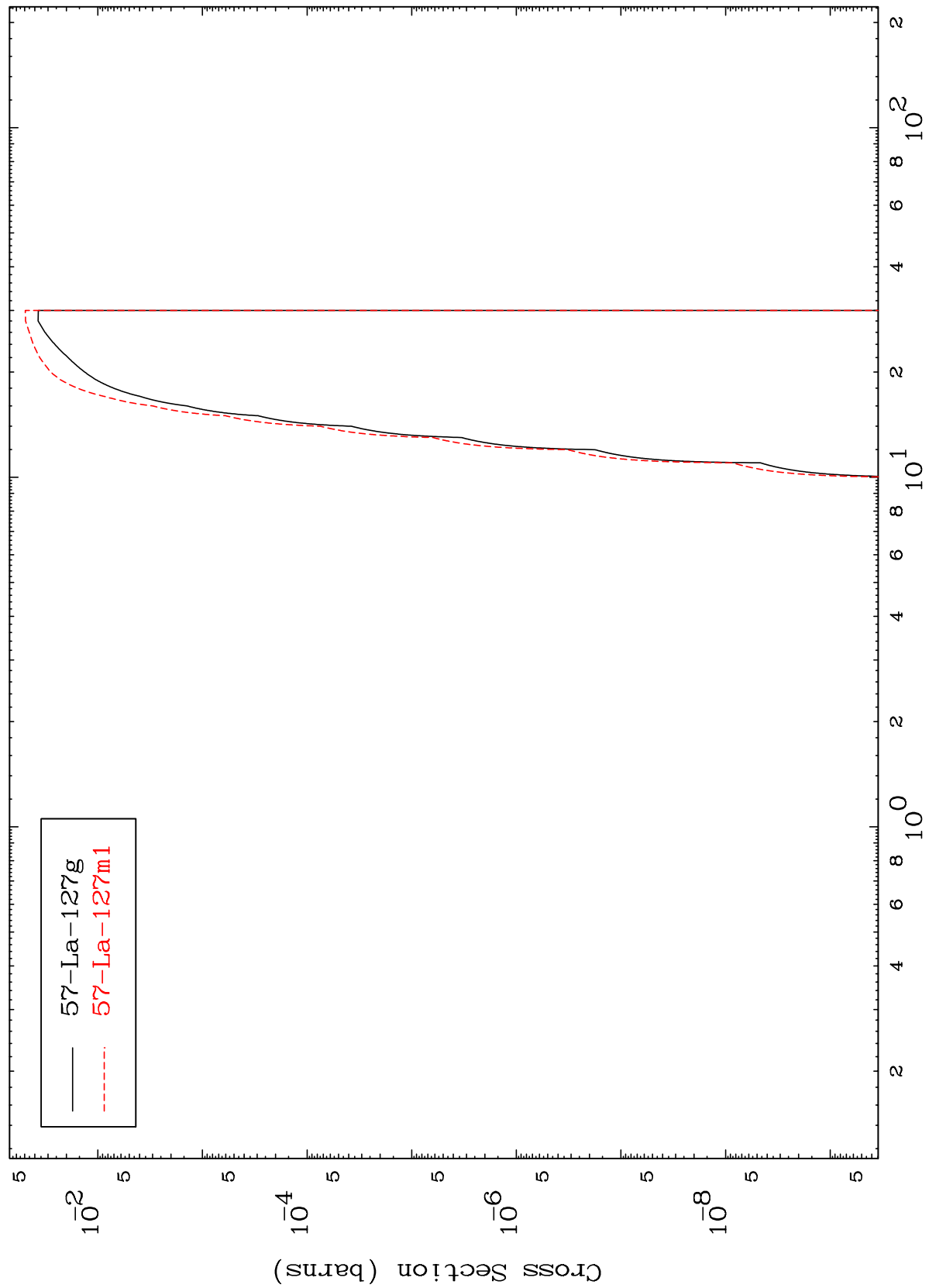
Radionuclide Production Cross Section



MAT 5692

57-La-127

(n, α)
Radionuclide Production Cross Section



57-La-127

Incident Energy (MeV)

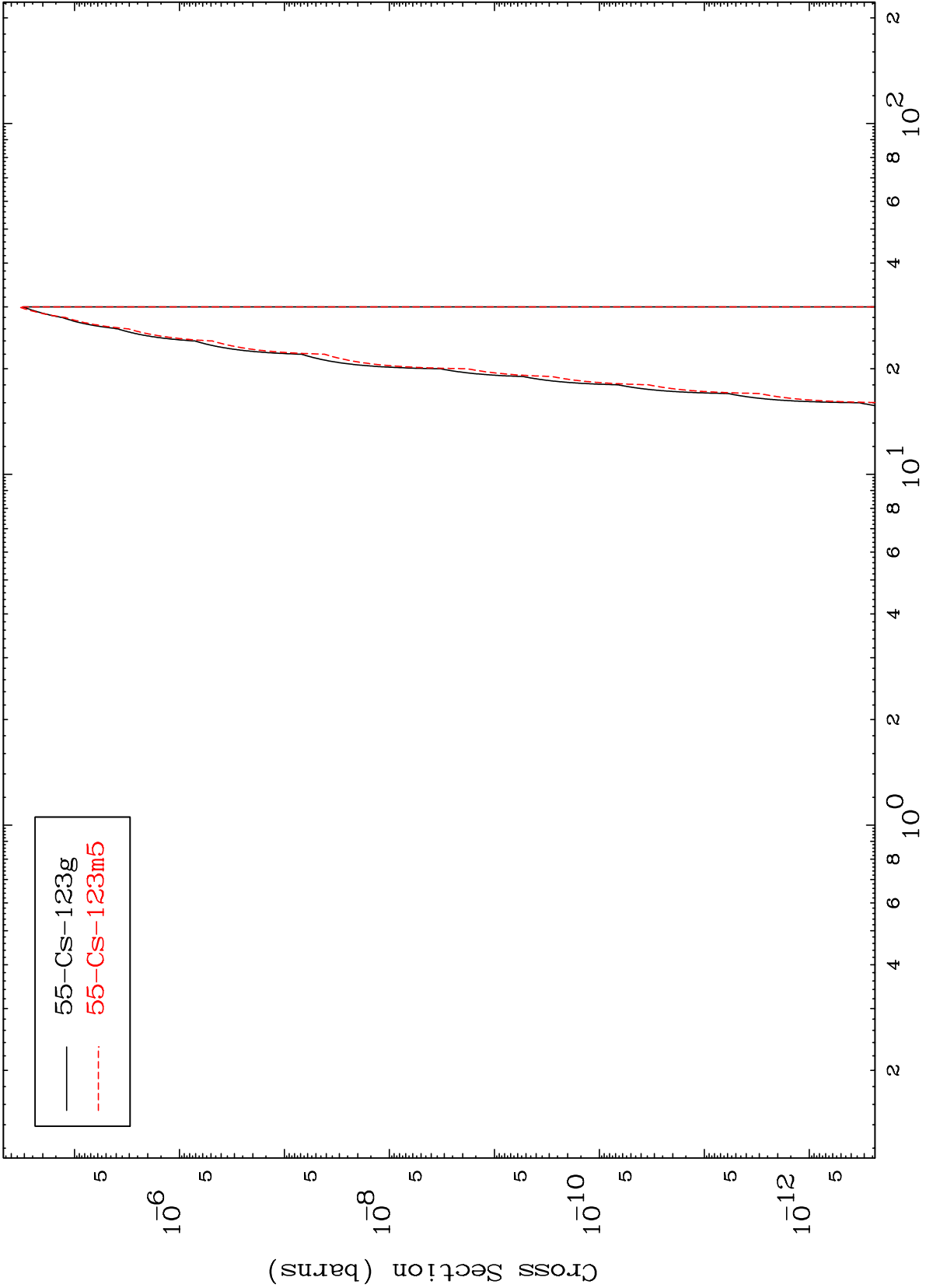
15

MAT 5692

(n,2α)

57-La-127

Radionuclide Production Cross Section

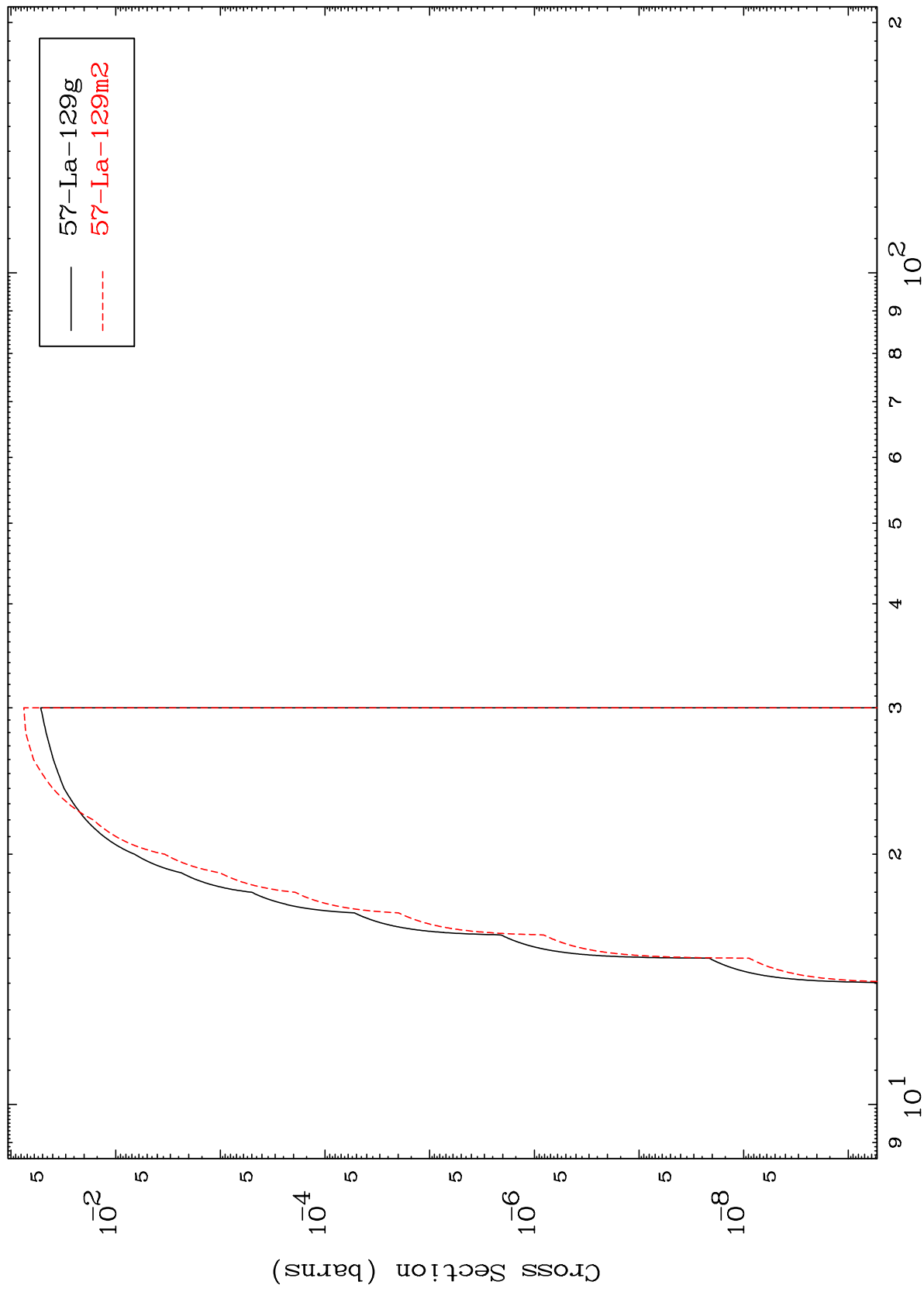


55-Cs-123g
55-Cs-123m5

MAT 5692

57-La-127

(n,2p)
Radionuclide Production Cross Section

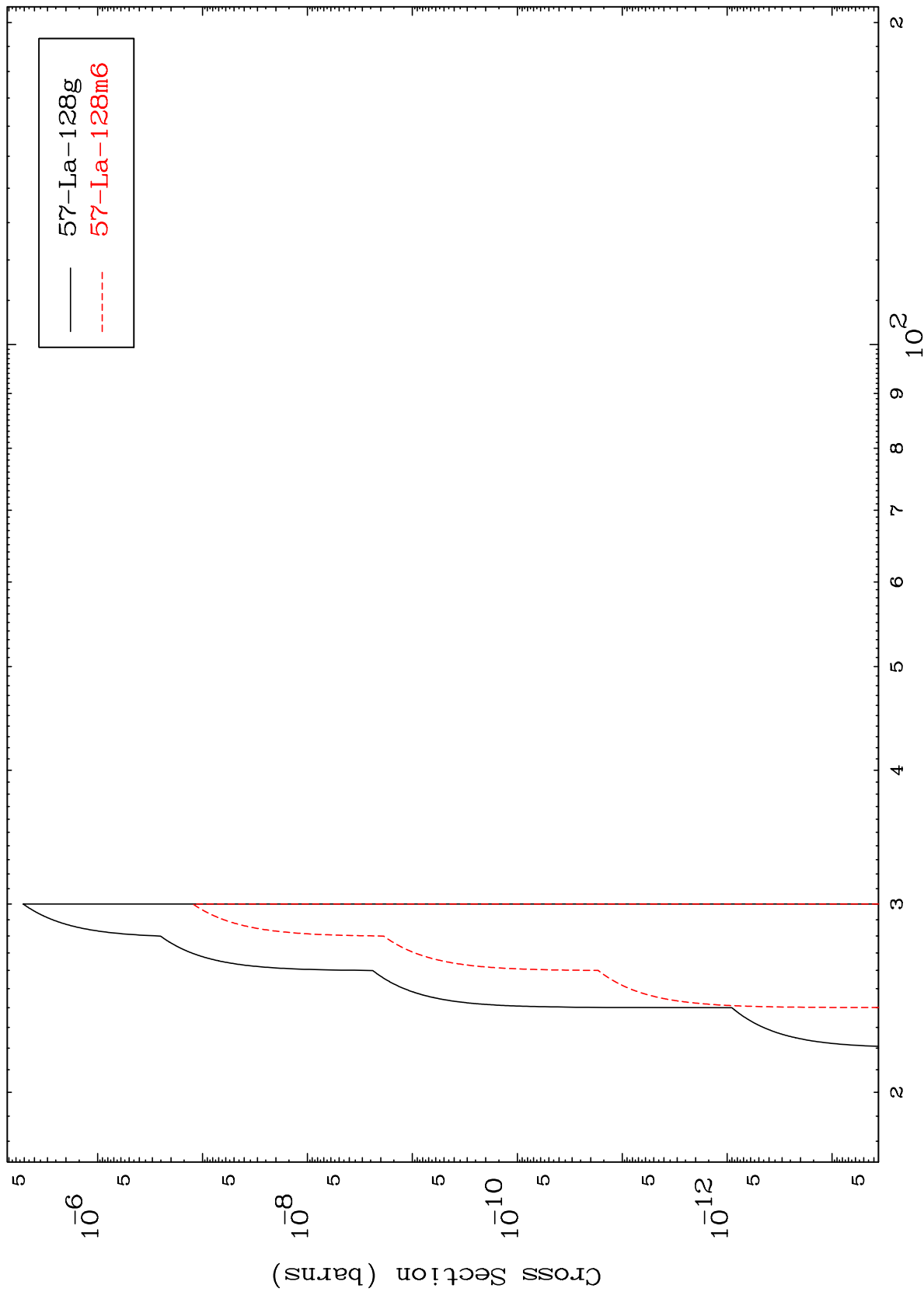


57-La-127

Incident Energy (MeV)

17

Radionuclide Production Cross Section

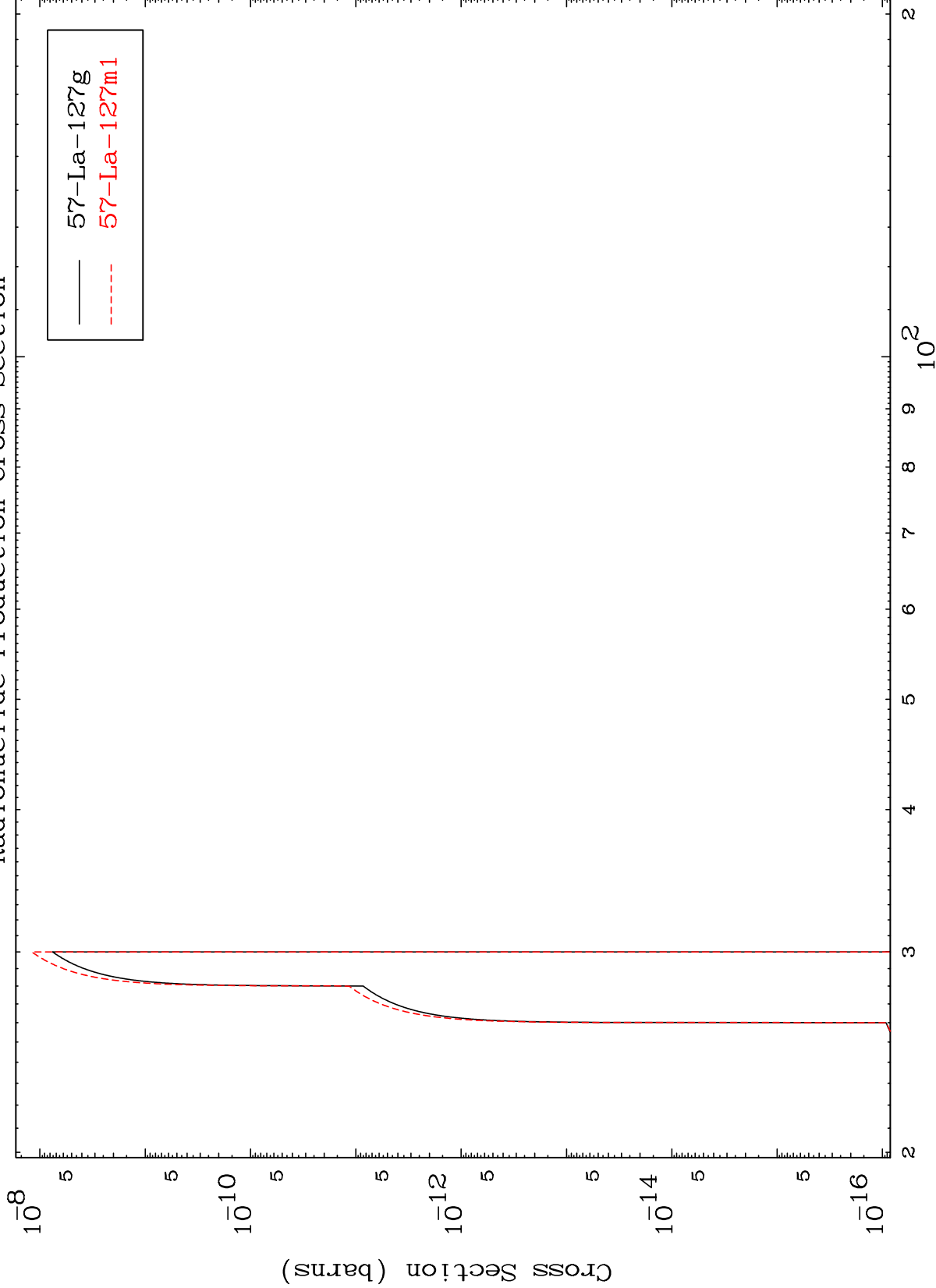


MAT 5692

(n,p) t

57-La-127

Radionuclide Production Cross Section



19

Incident Energy (MeV)

57-La-127