

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

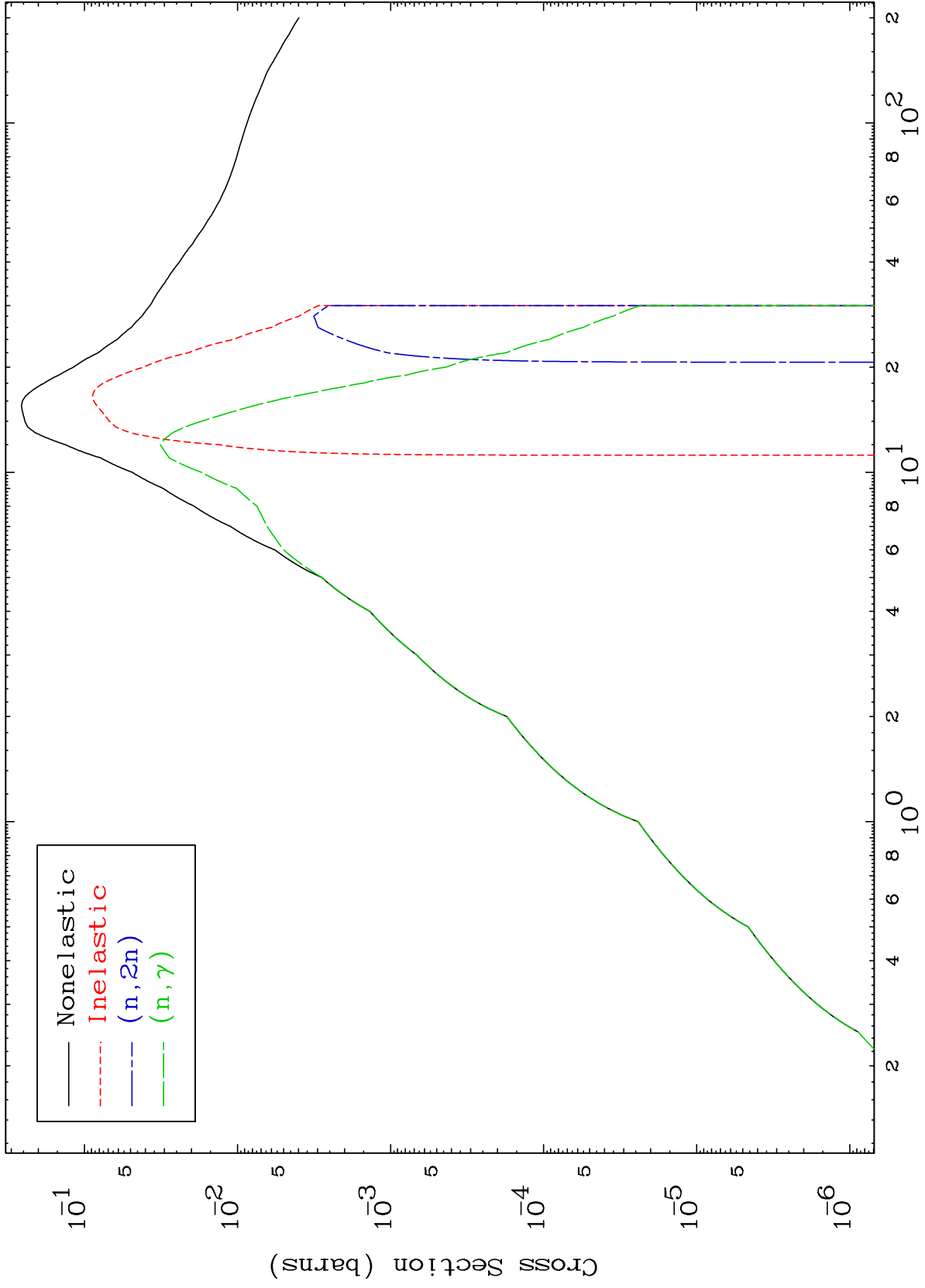
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5895

0 Kelvin Major
Photon Cross Sections

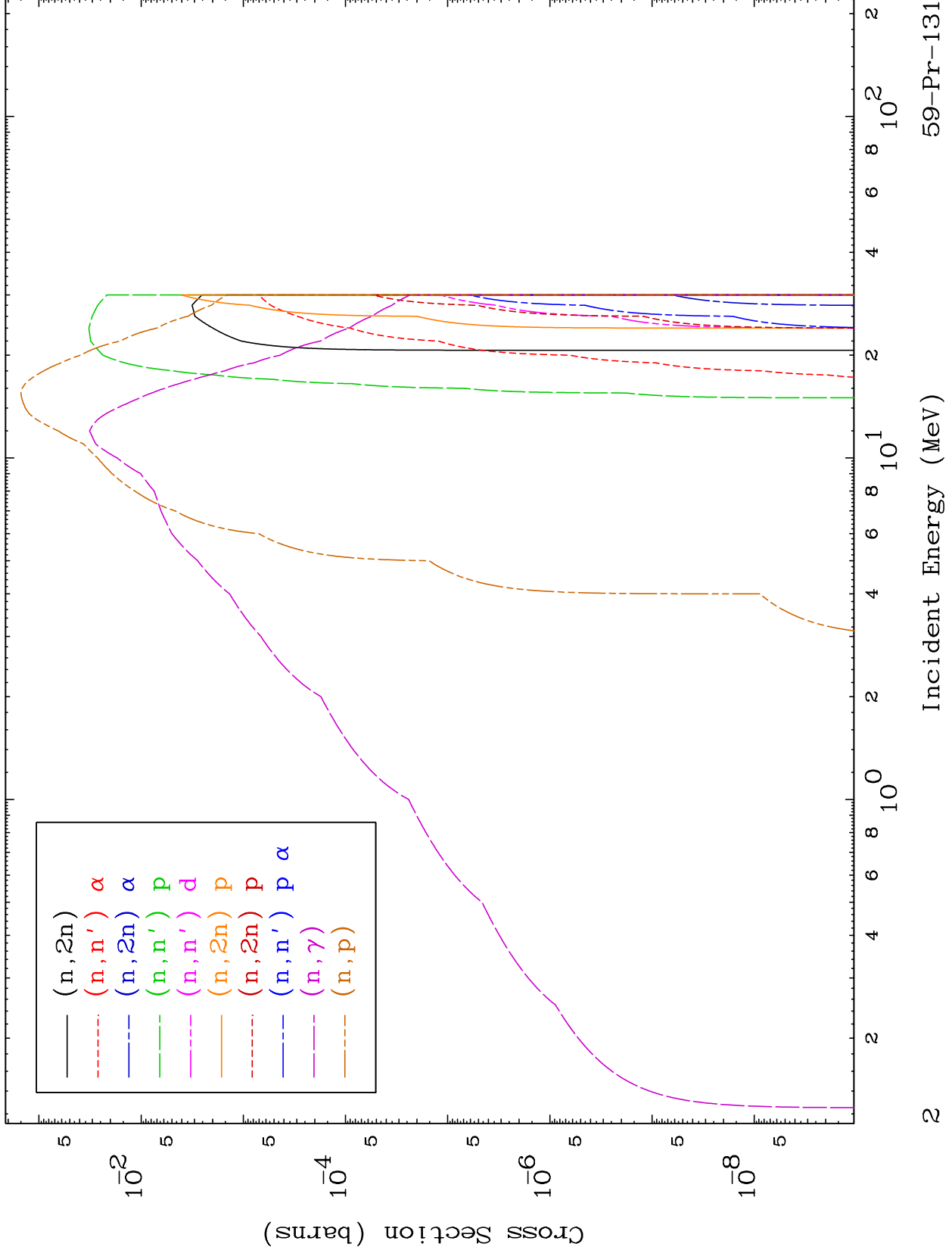
59-Pr-131

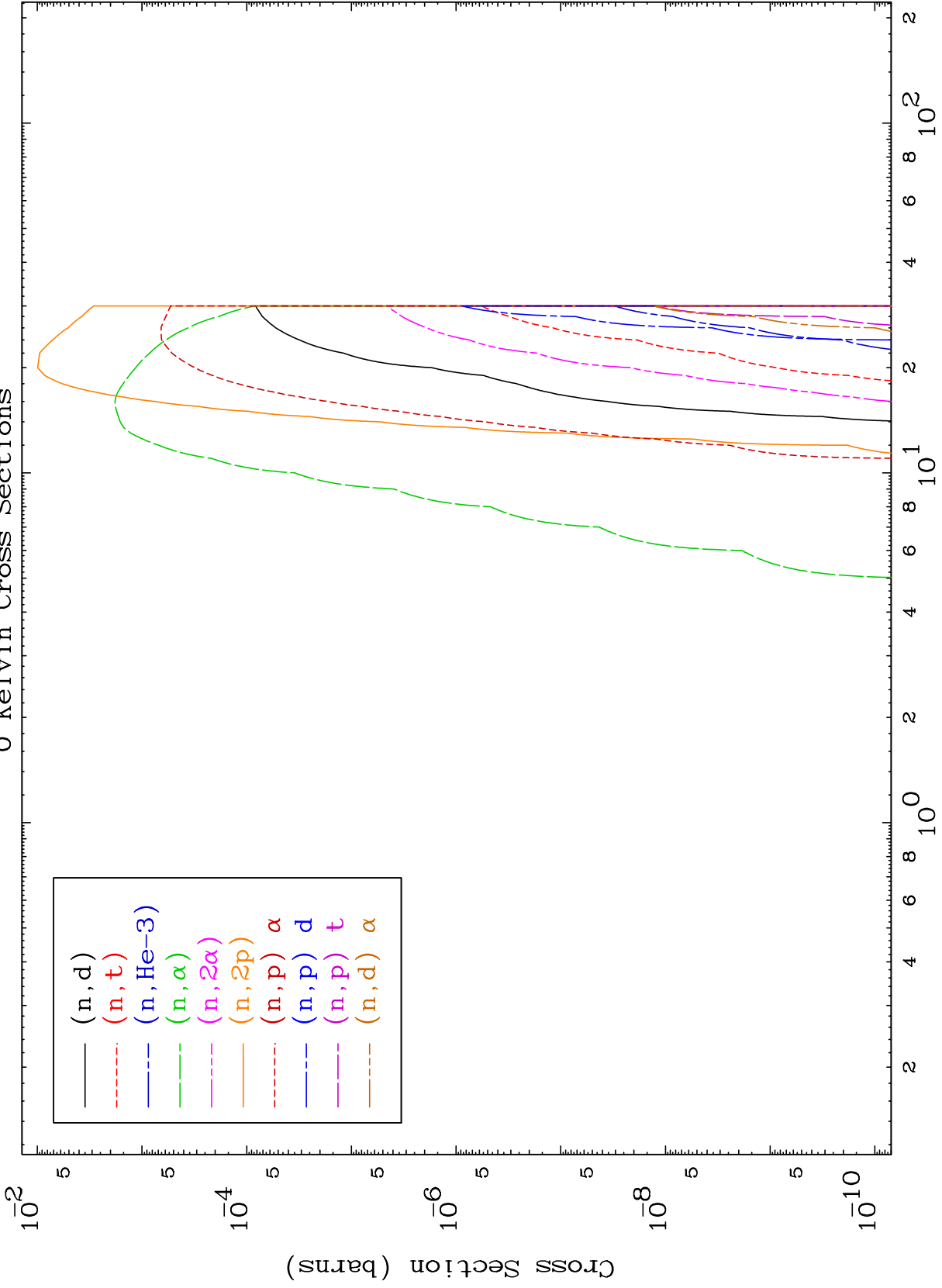


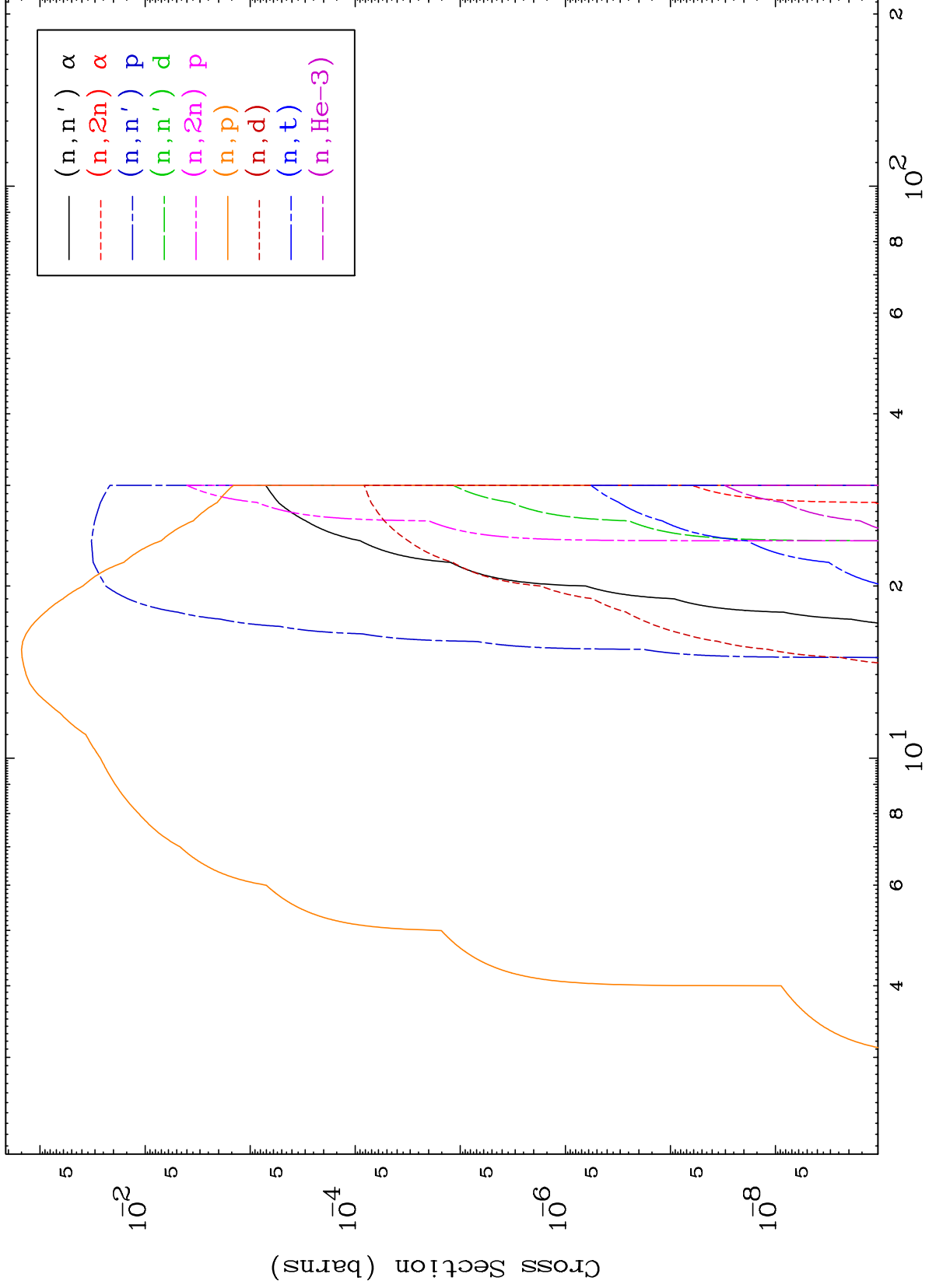
1

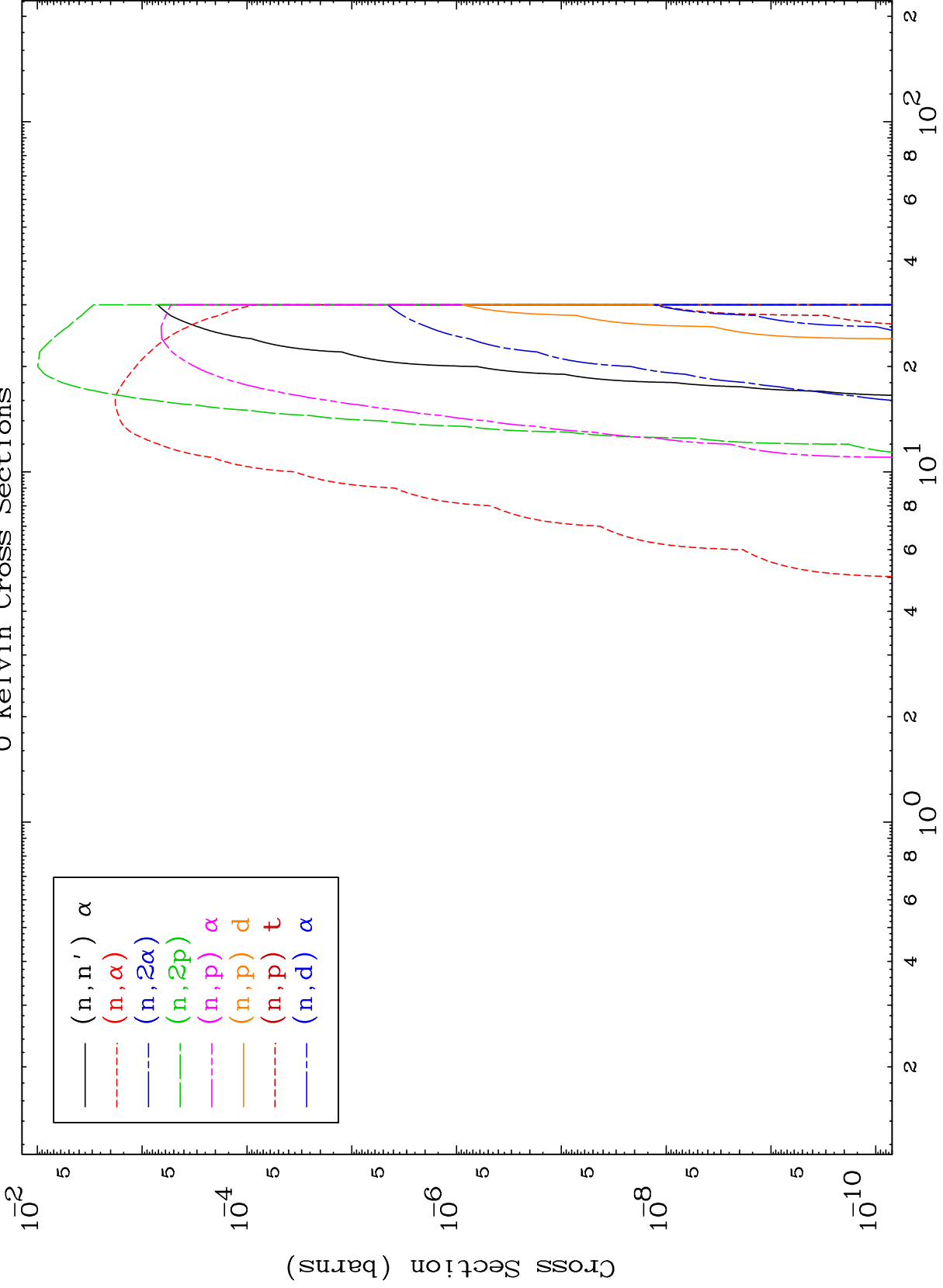
Incident Energy (MeV)

59-Pr-131

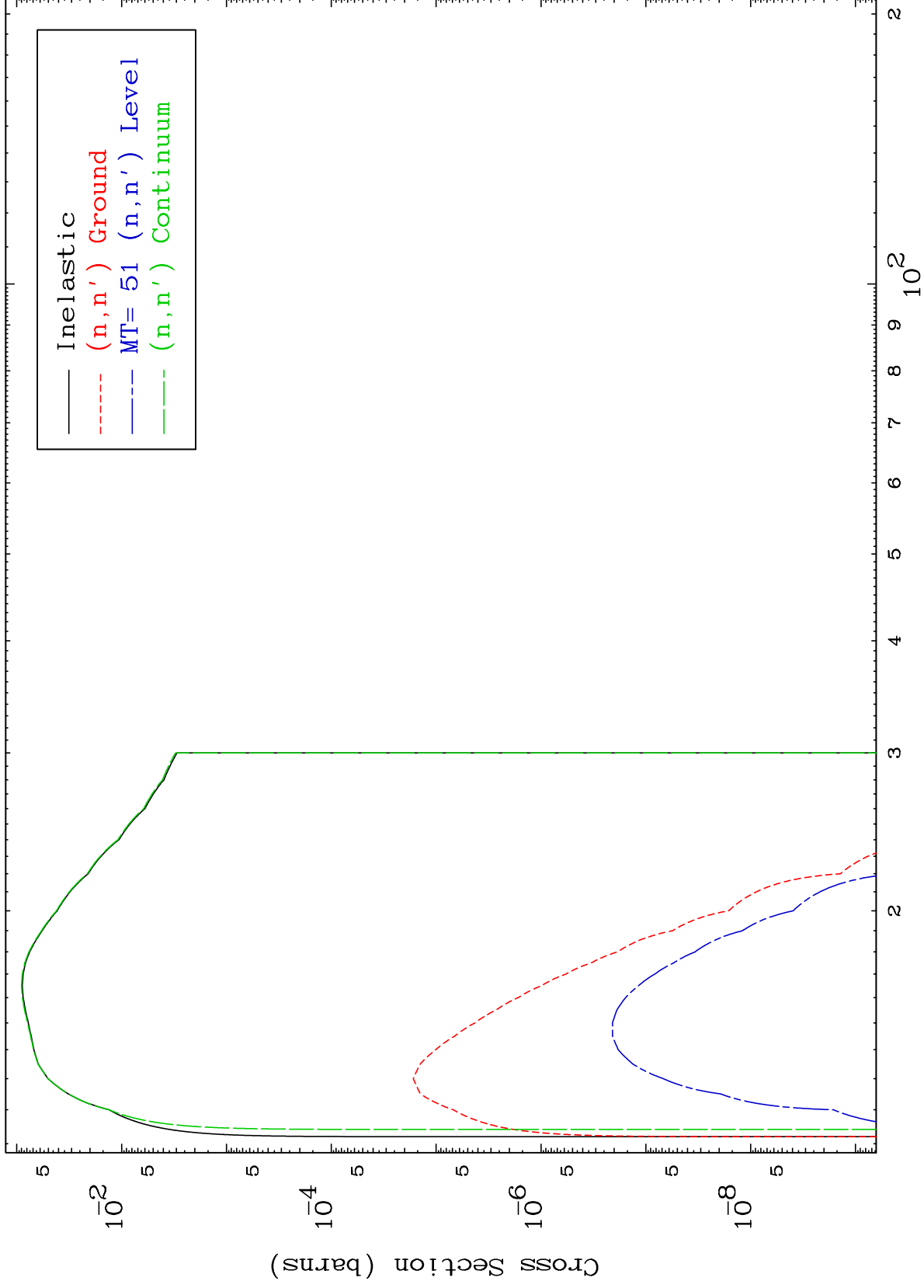




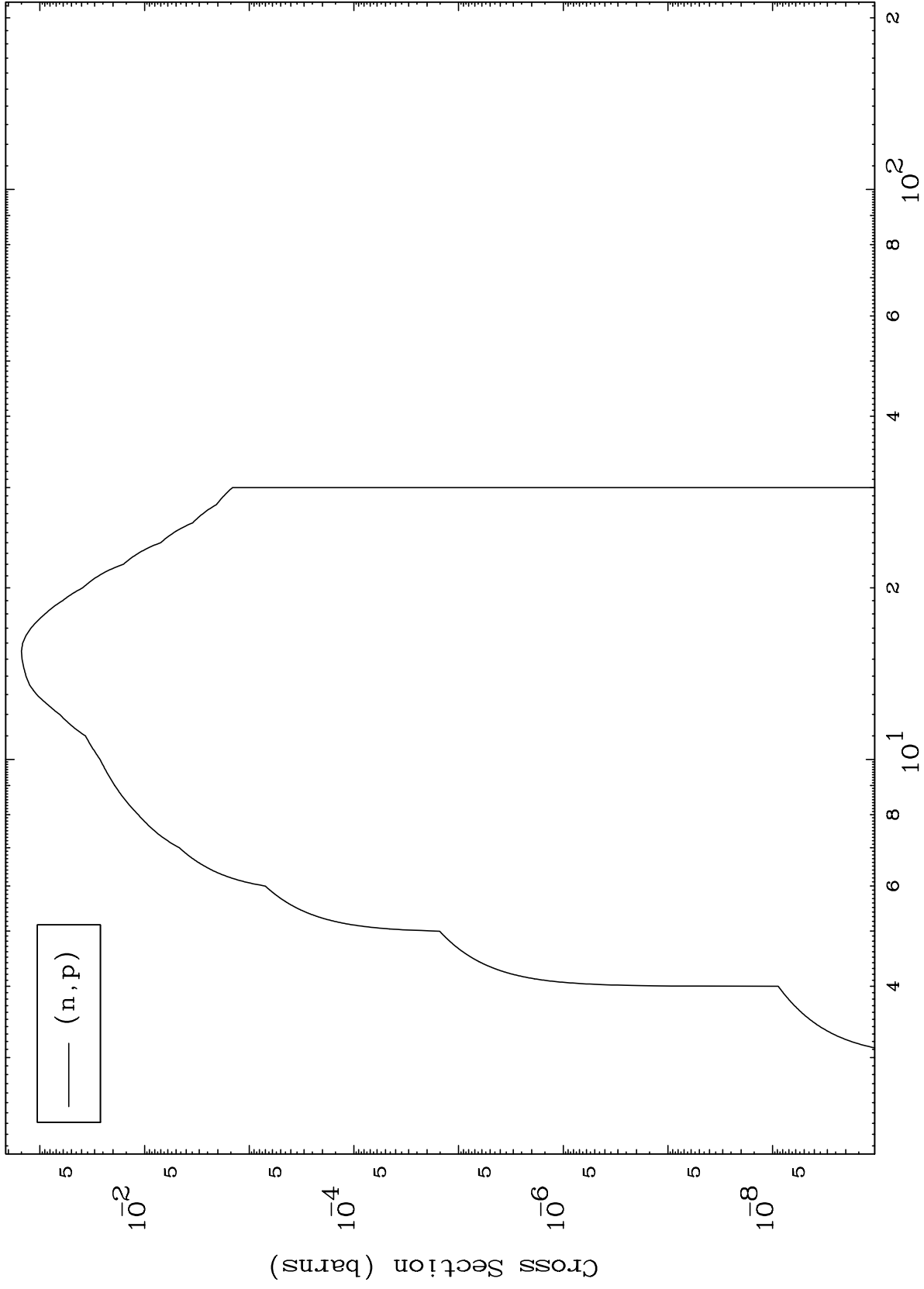




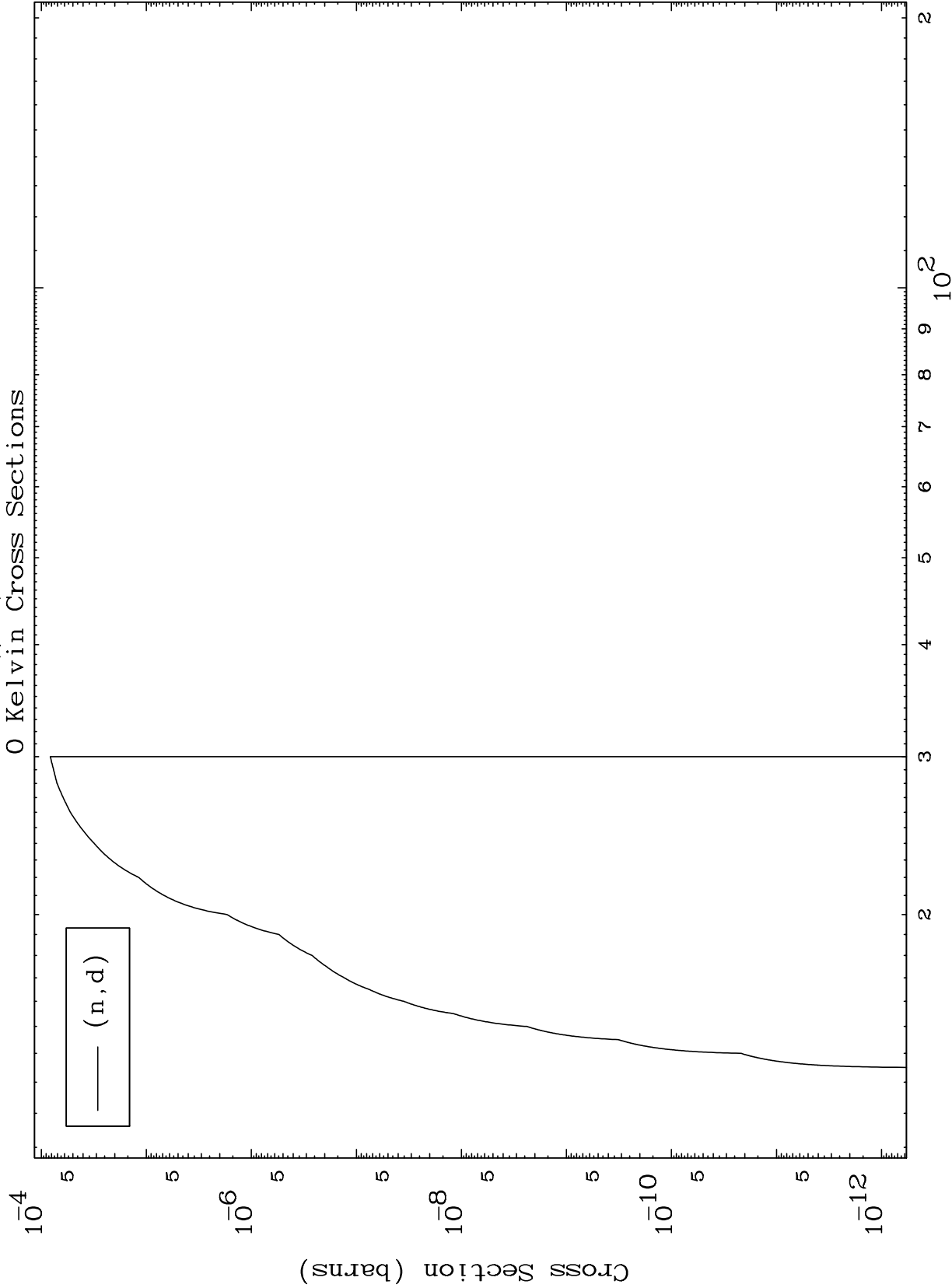
0 Kelvin Cross Sections



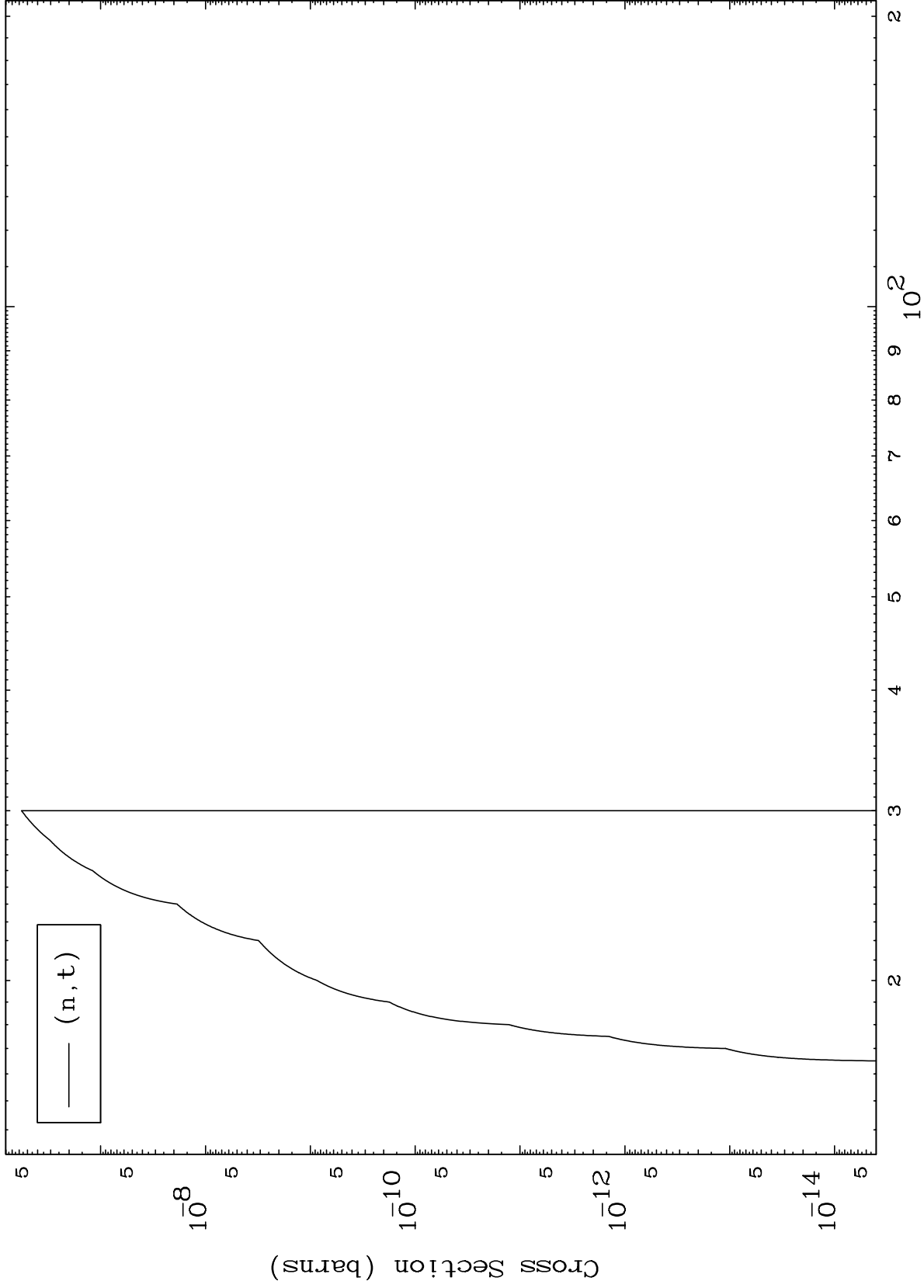
(γ, p) Levels
0 Kelvin Cross Sections

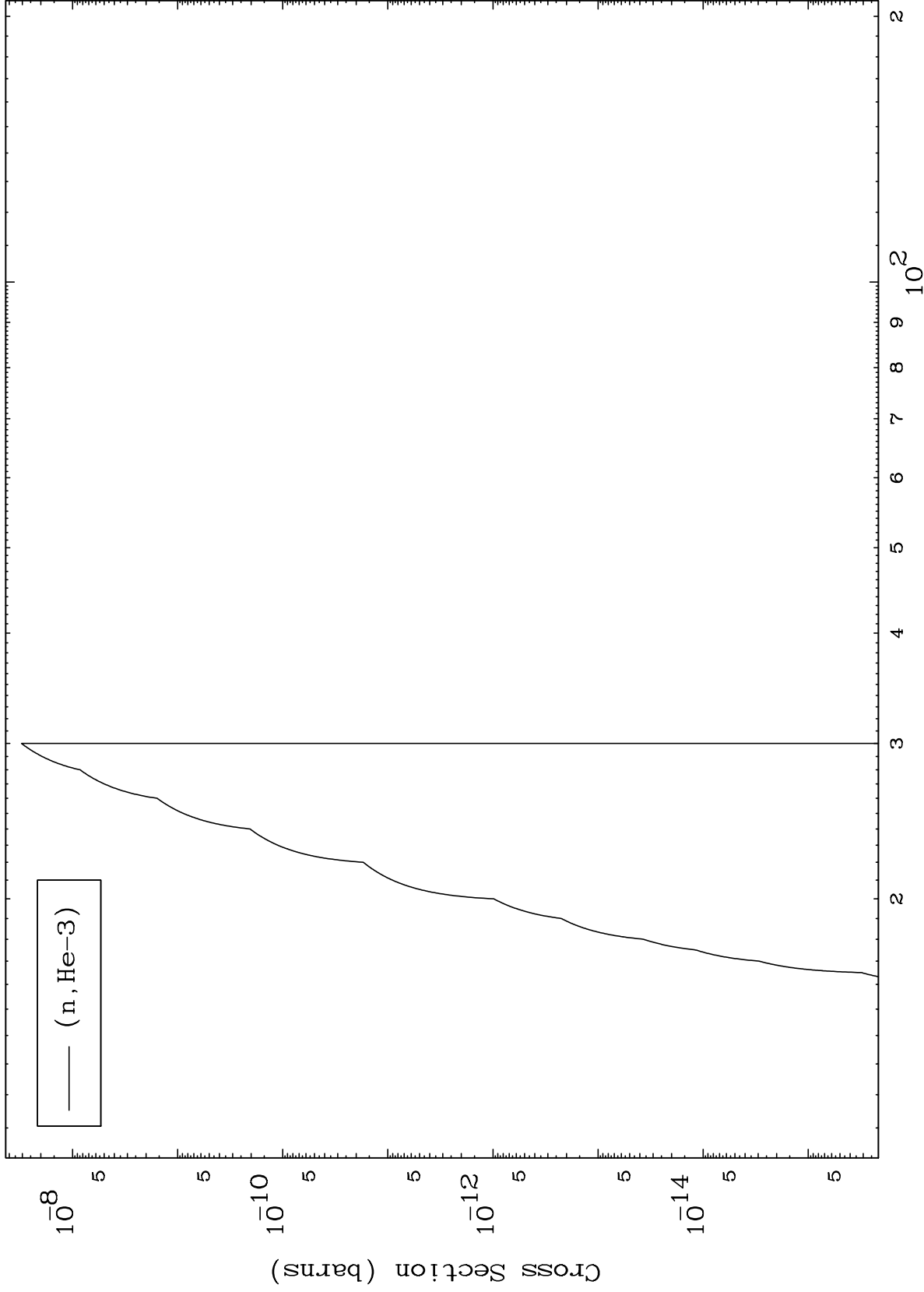


(γ, d) Levels
0 Kelvin Cross Sections



Incident Energy (MeV)



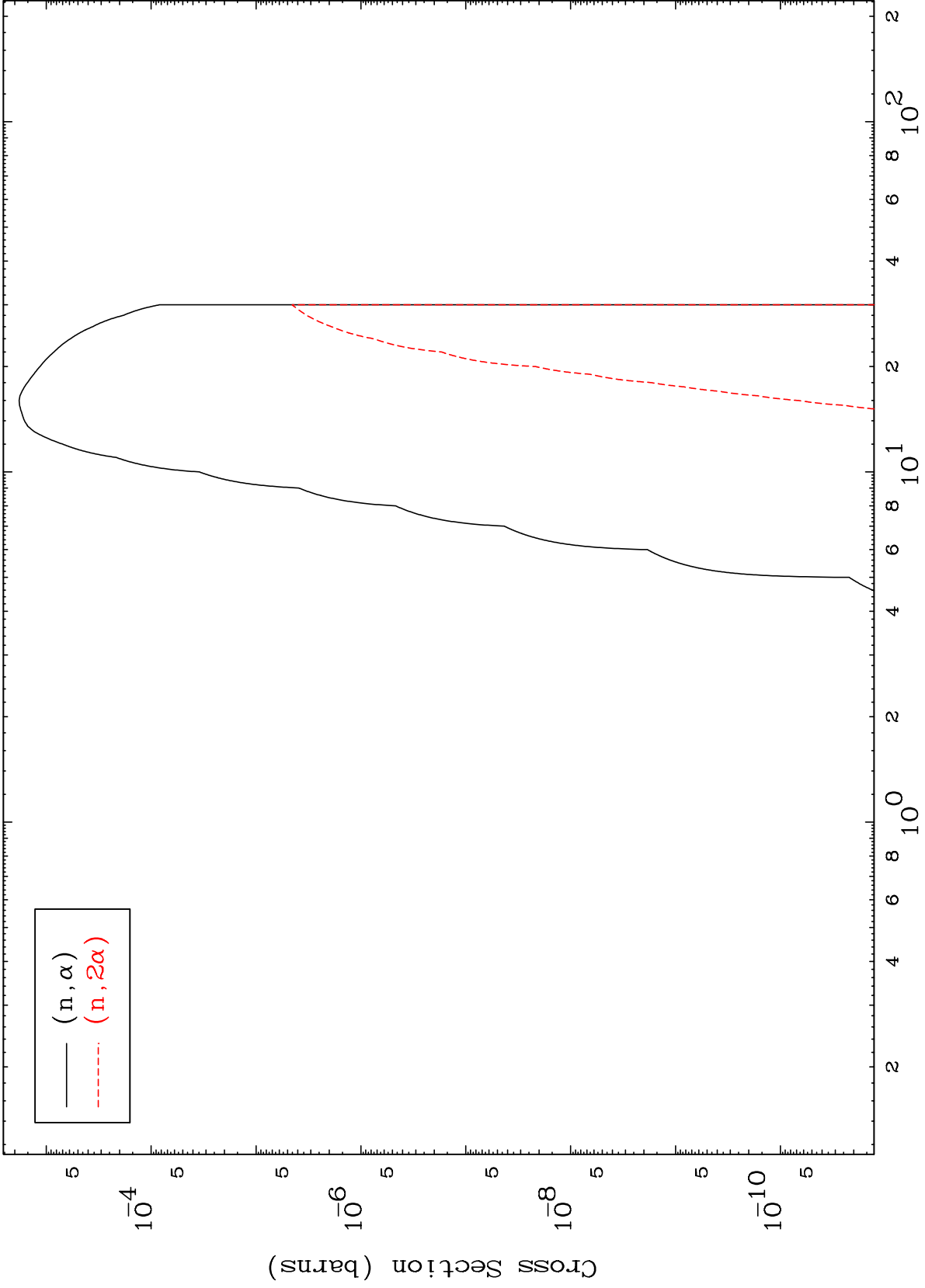


MAT 5895

(γ, α) Levels

59-Pr-131

0 Kelvin Cross Sections

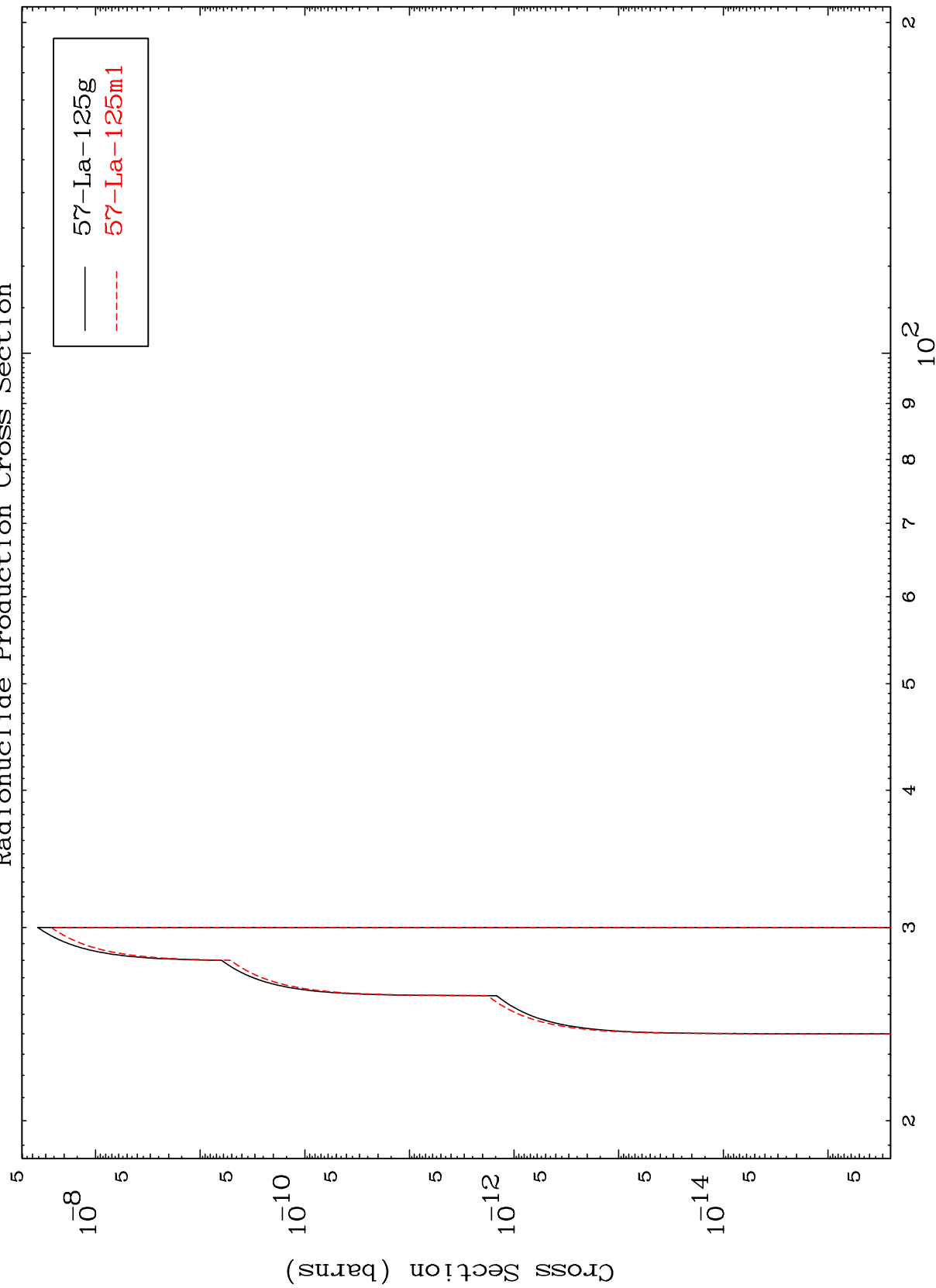


MAT 5895

$(n,2n) \alpha$

59-Pr-131

Radionuclide Production Cross Section

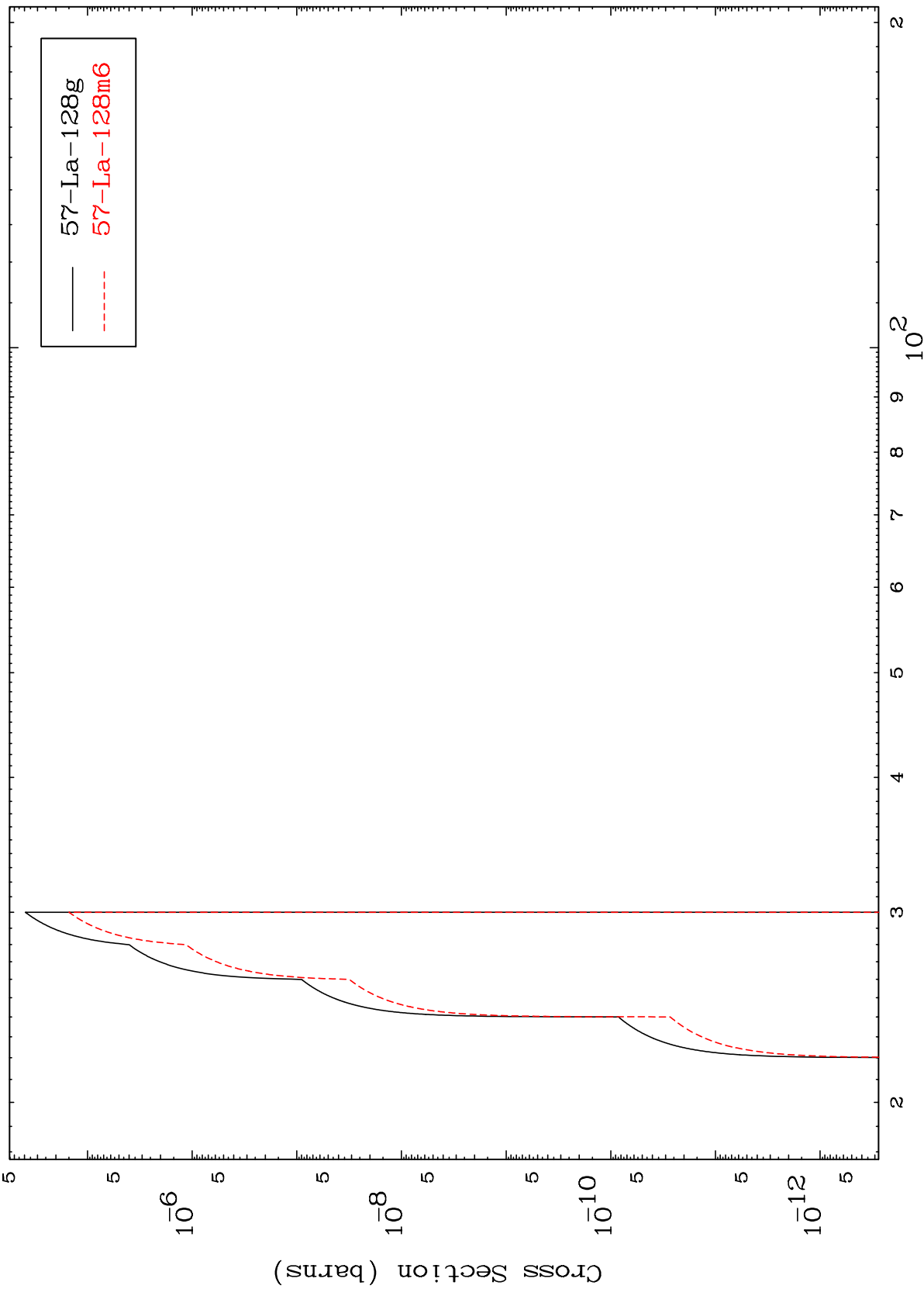


12

Incident Energy (MeV)

59-Pr-131

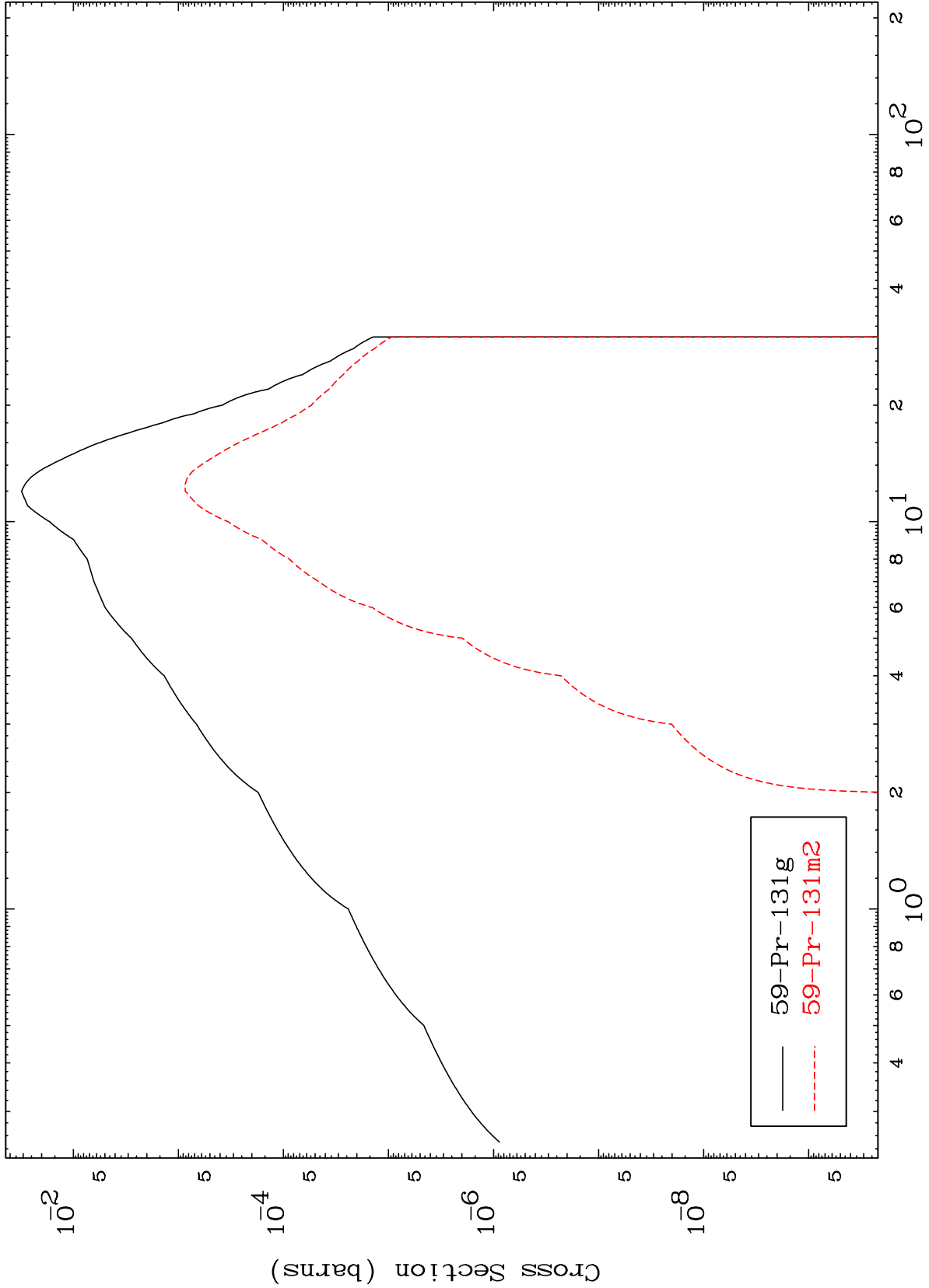
Radionuclide Production Cross Section



MAT 5895

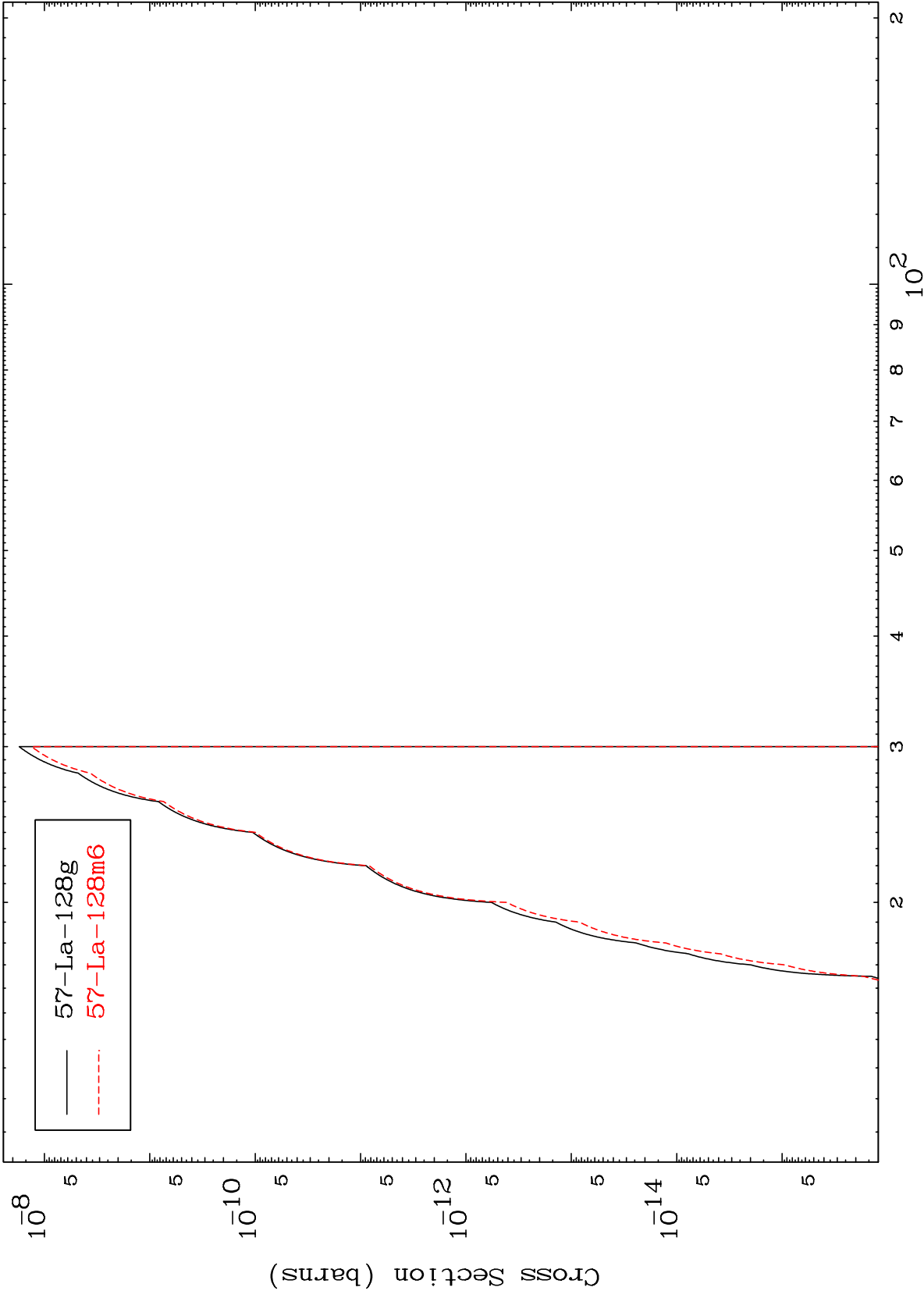
59-Pr-131

(n, γ)
Radionuclide Production Cross Section



— 59-Pr-131g
- - - 59-Pr-131m2

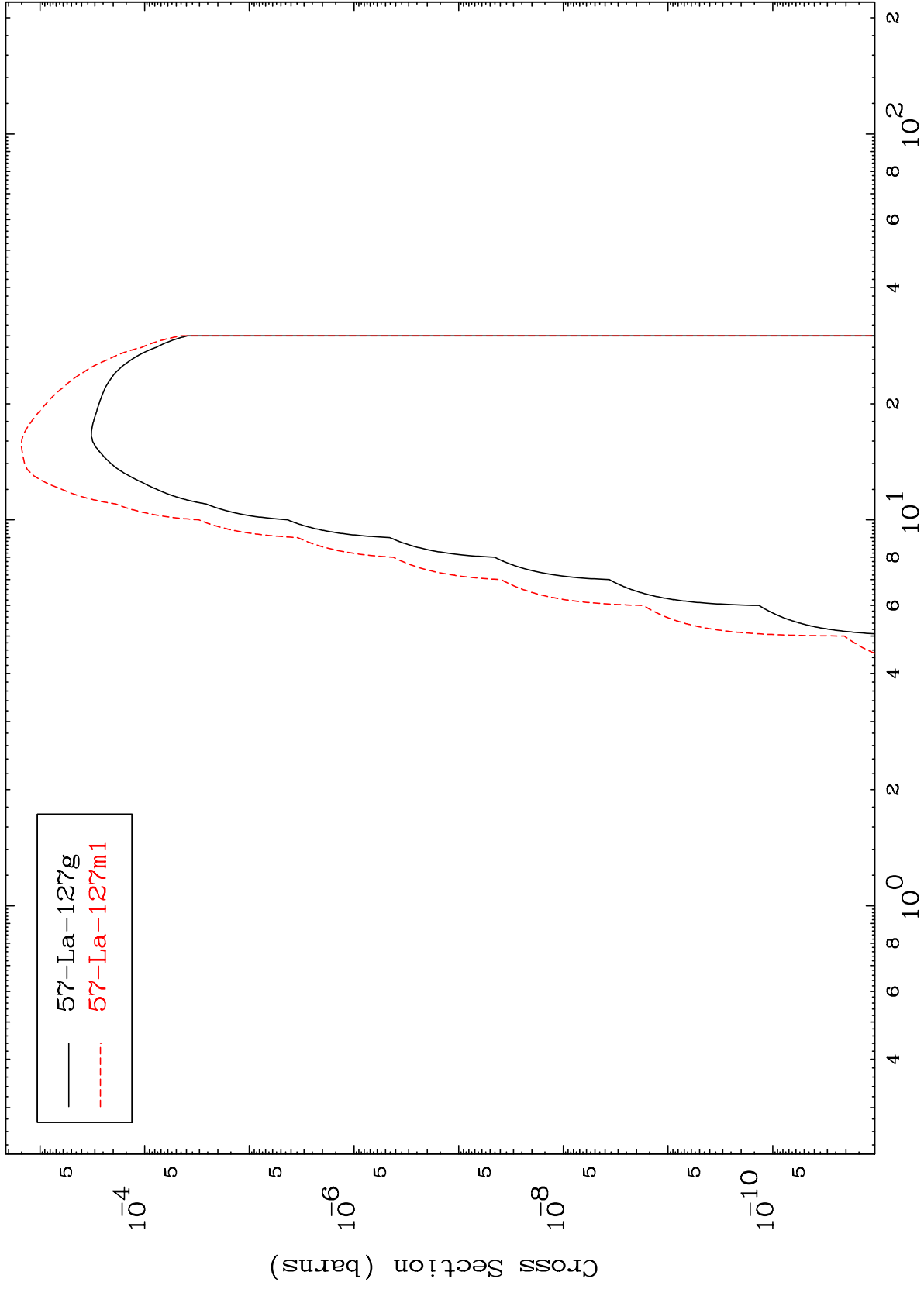
Radionuclide Production Cross Section



MAT 5895

59-Pr-131

(n, α)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

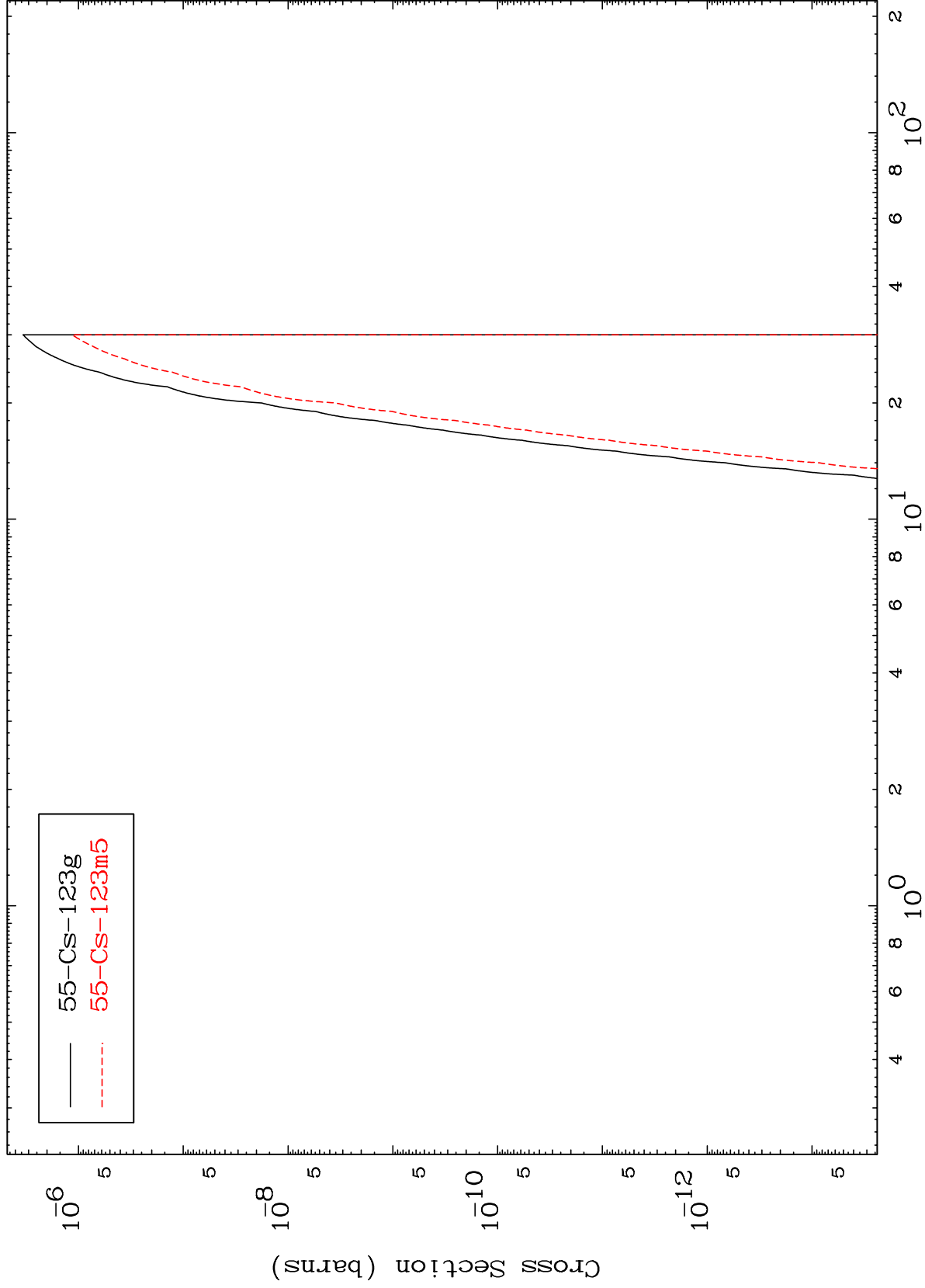
59-Pr-131

MAT 5895

(n,2α)

59-Pr-131

Radionuclide Production Cross Section



17

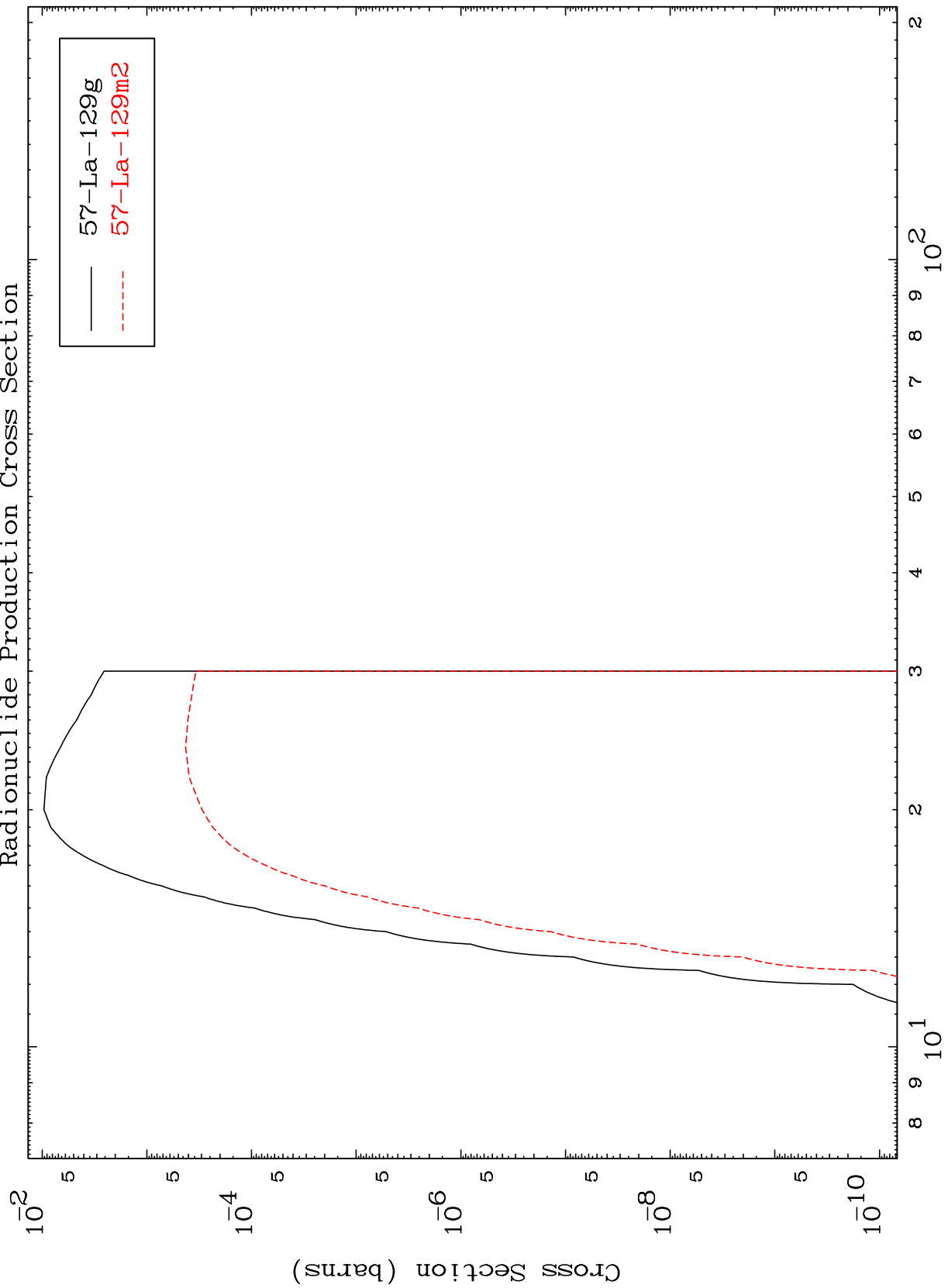
Incident Energy (MeV)

59-Pr-131

MAT 5895

59-Pr-131

(n,2p)
Radionuclide Production Cross Section

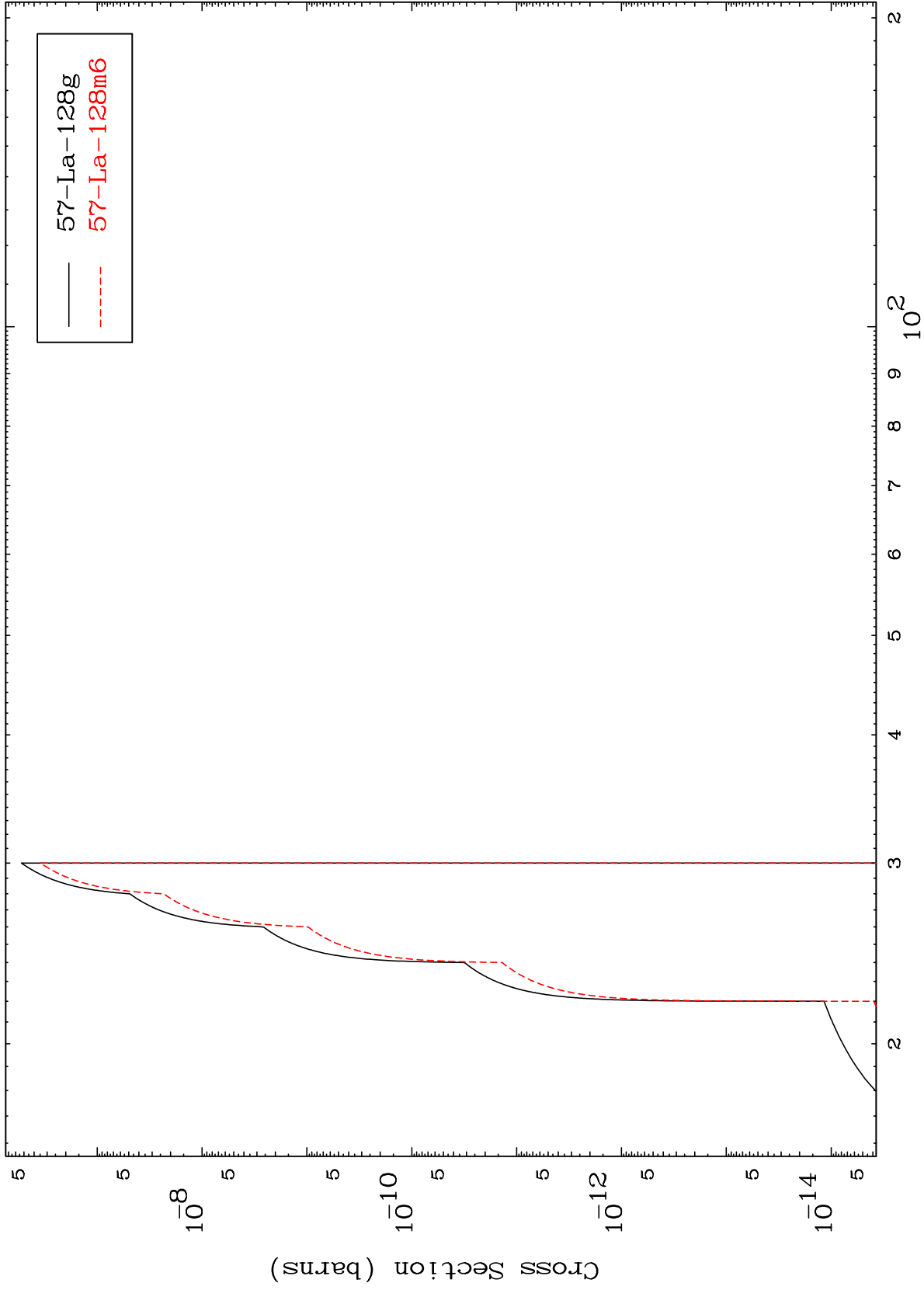


18

Incident Energy (MeV)

59-Pr-131

Radionuclide Production Cross Section

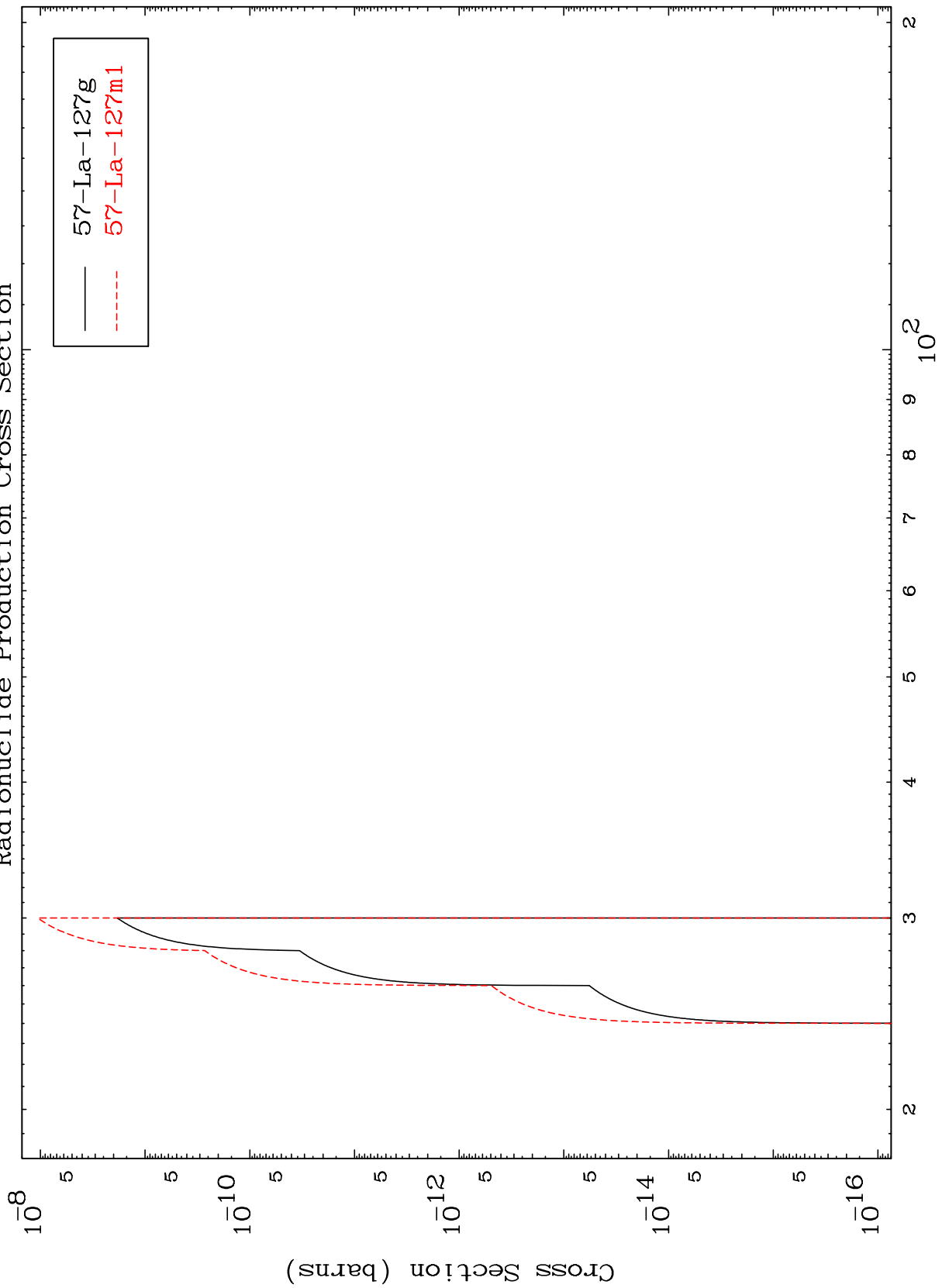


MAT 5895

(n,p) t

59-Pr-131

Radionuclide Production Cross Section



57-La-127g
57-La-127m1

20

Incident Energy (MeV)

59-Pr-131