

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

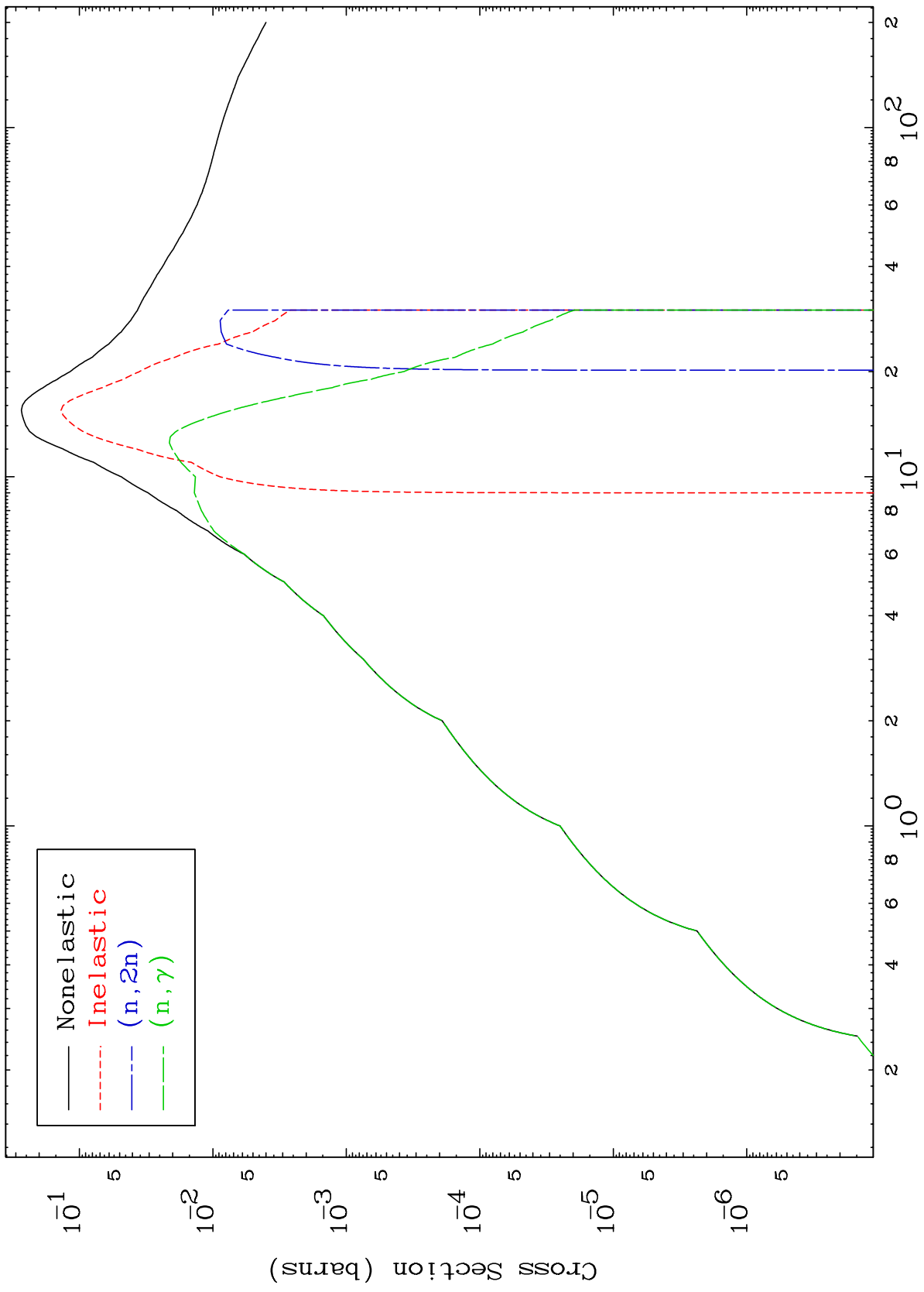
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5898

Photon Major
0 Kelvin Cross Sections

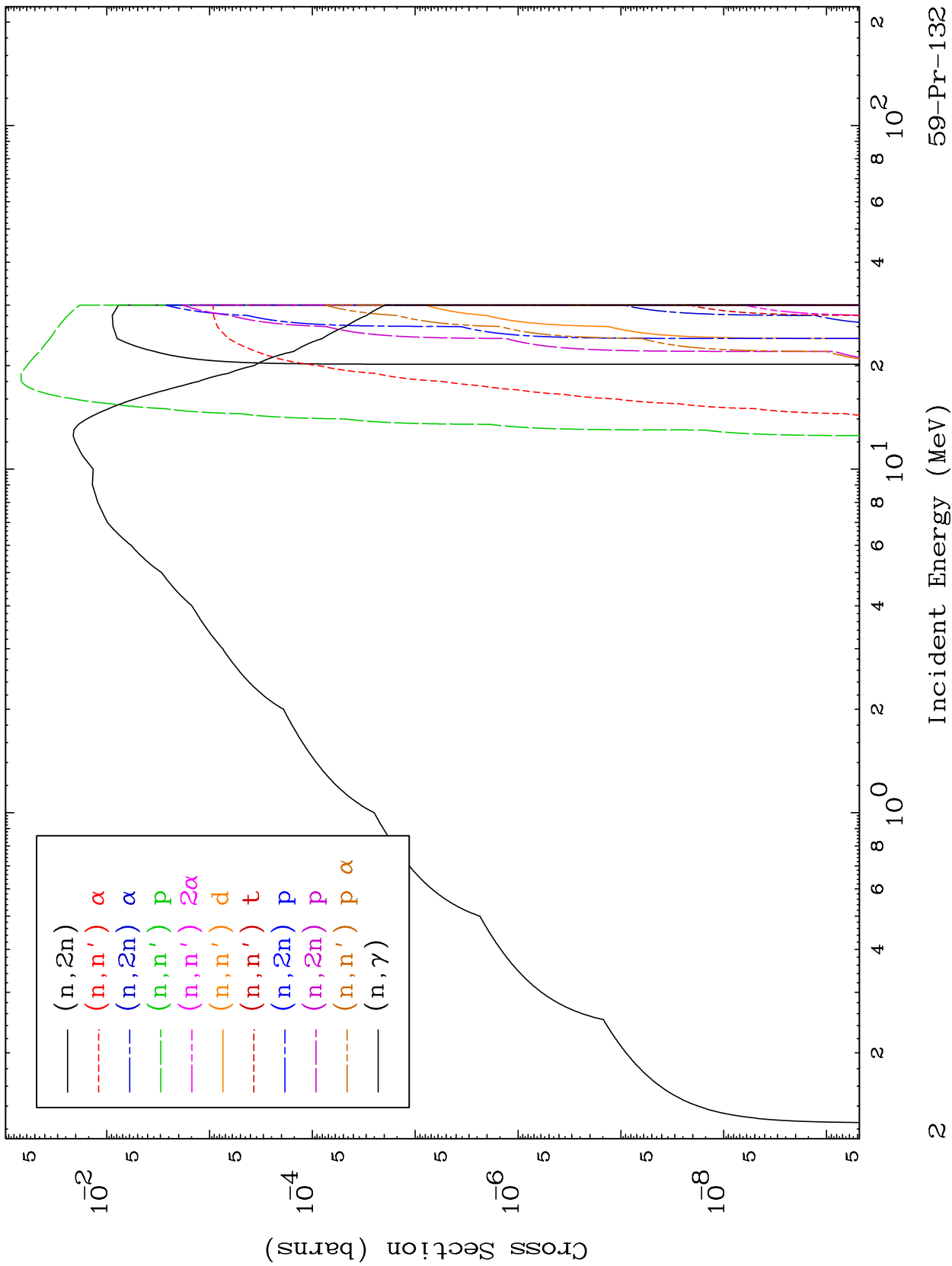
59-Pr-132

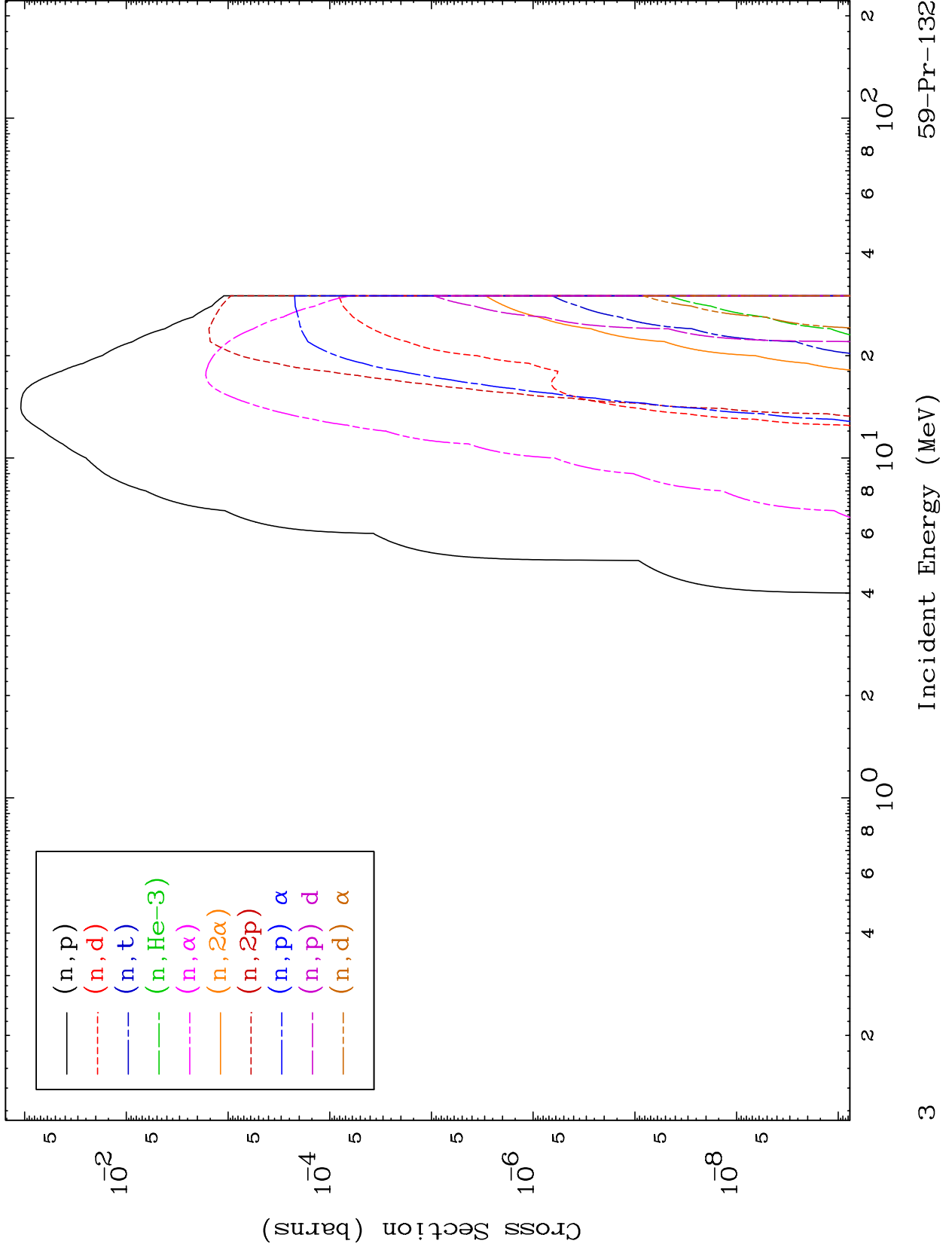


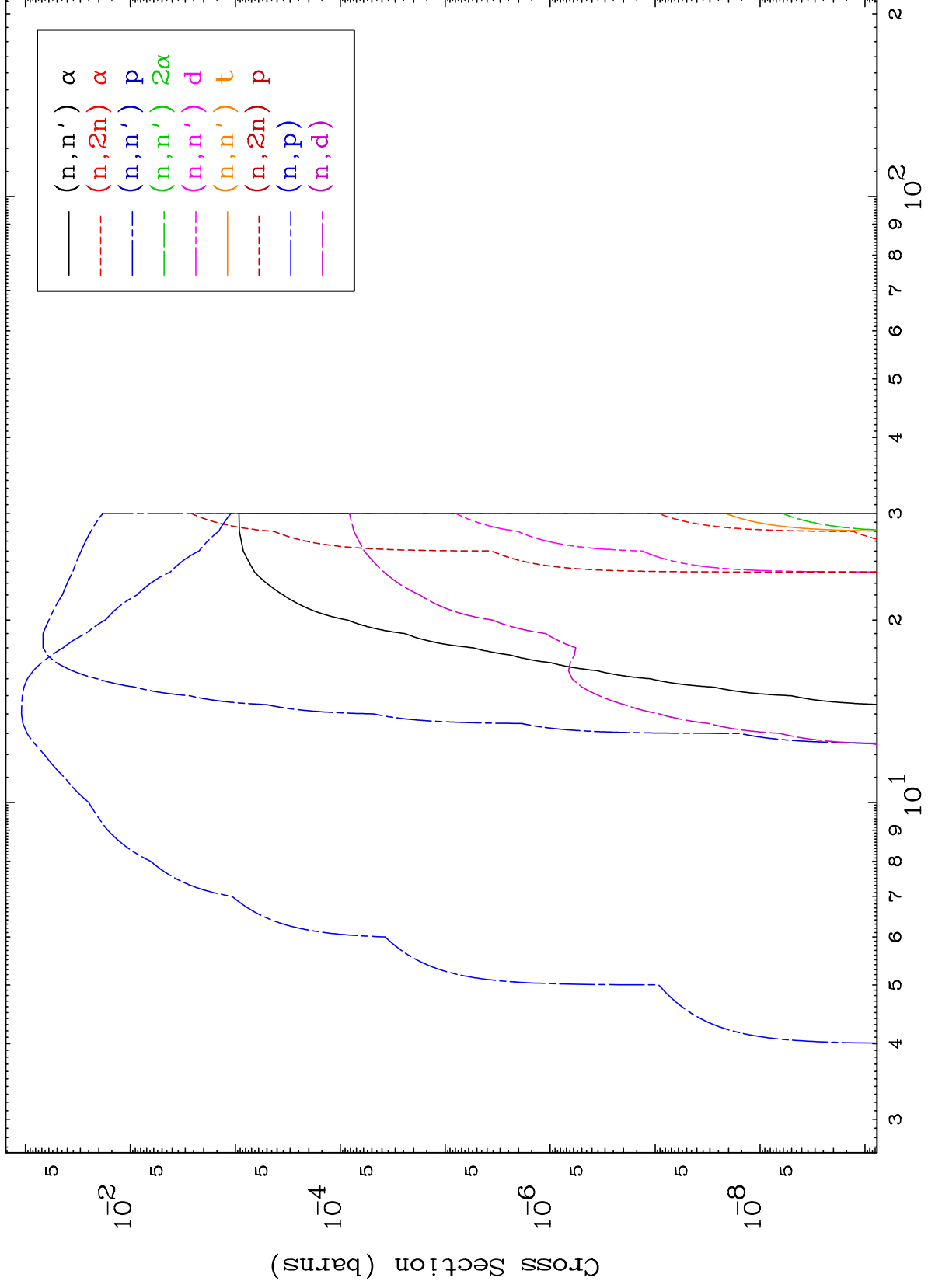
1

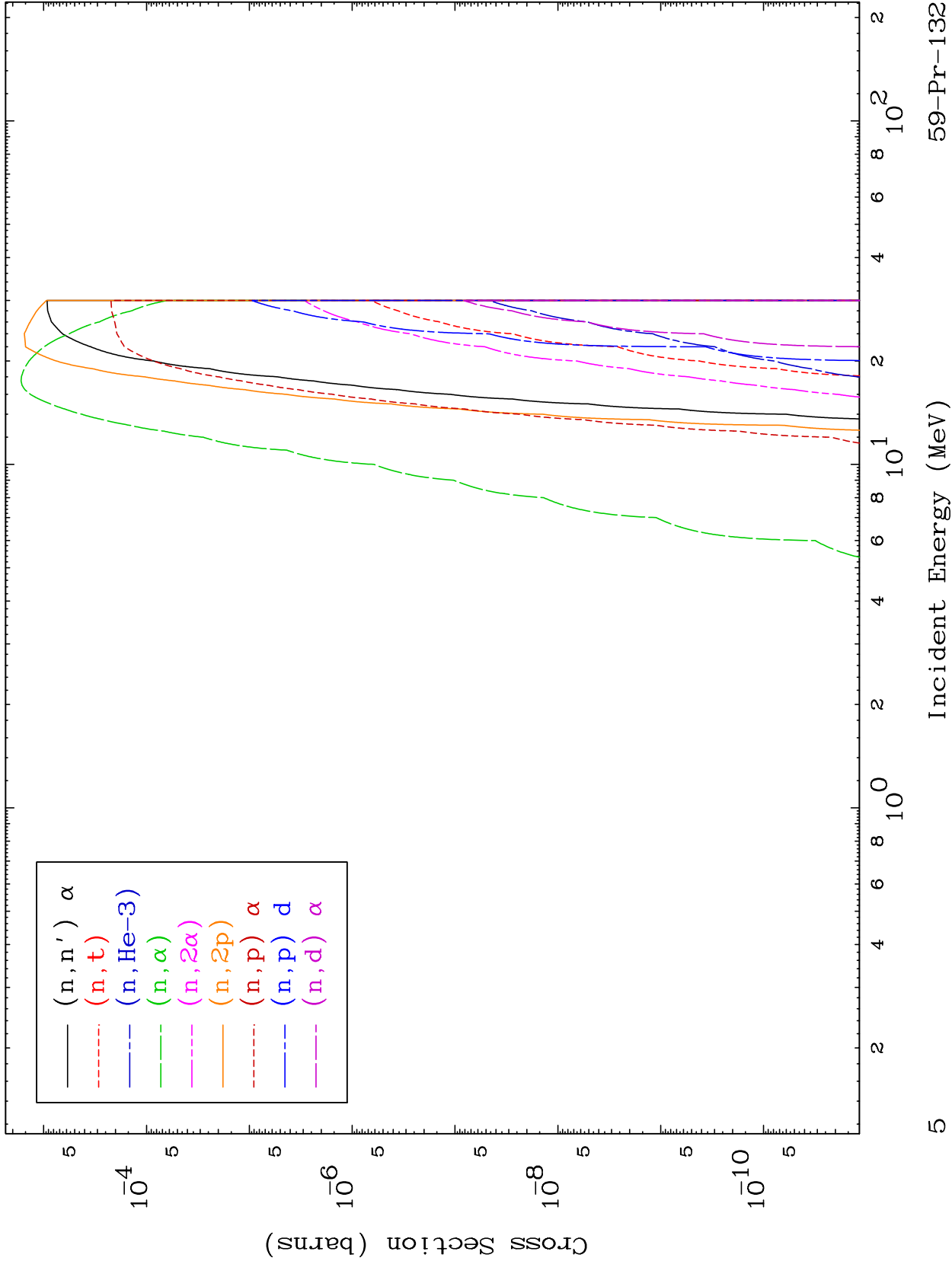
Incident Energy (MeV)

59-Pr-132







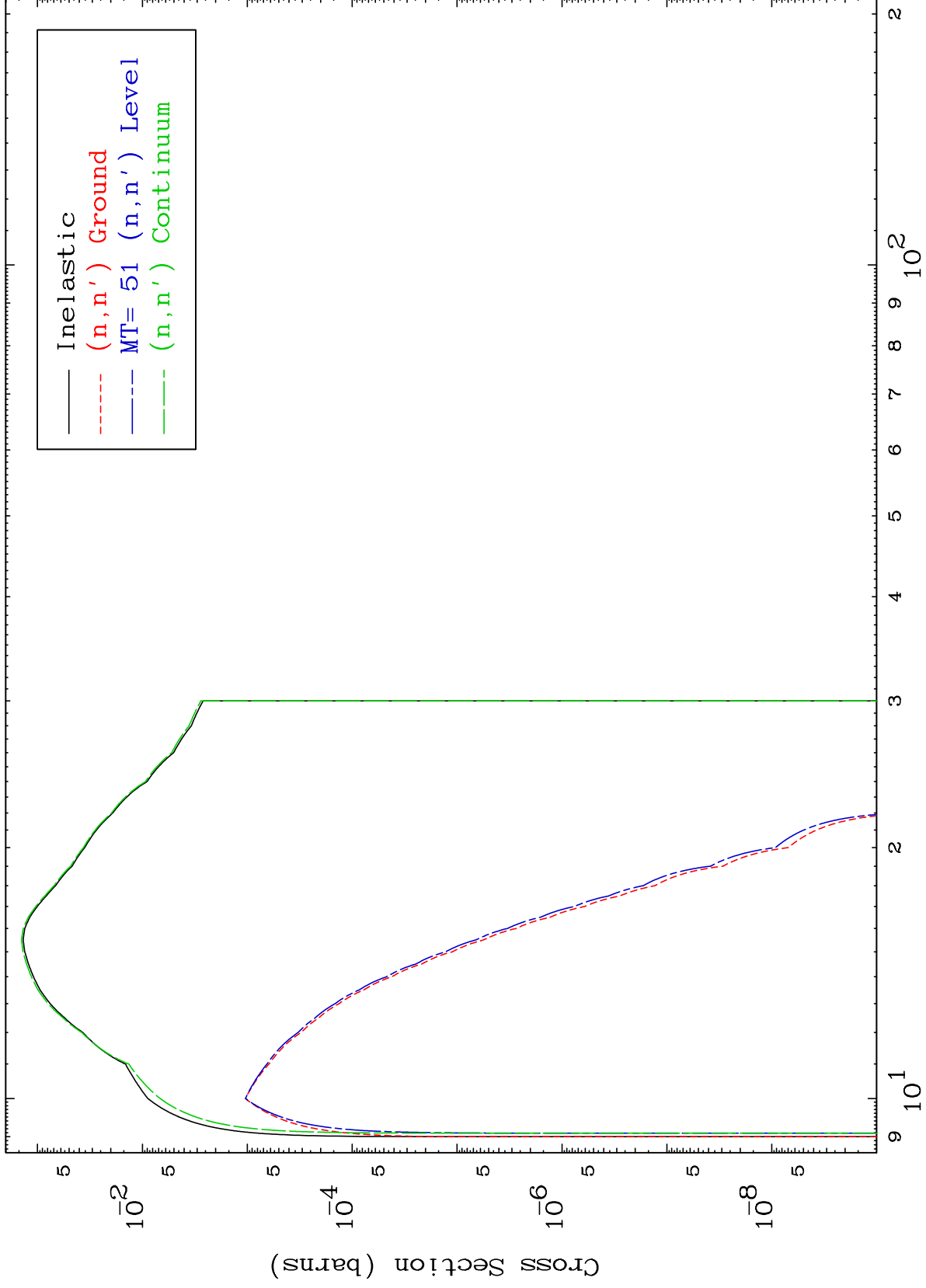


MAT 5898

(γ, n') Levels

59-Pr-132

0 Kelvin Cross Sections



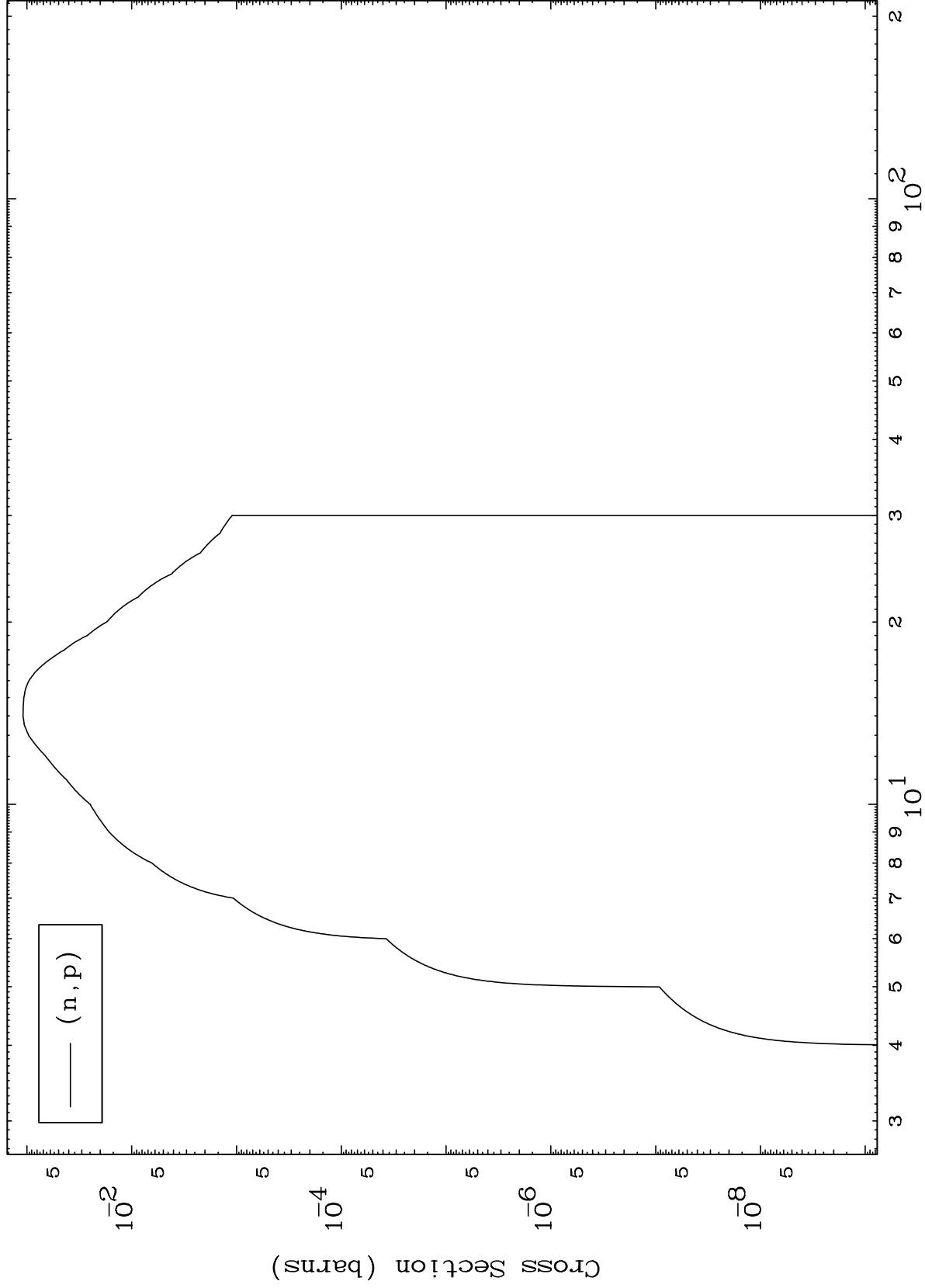
Incident Energy (MeV)

59-Pr-132

MAT 5898

59-Pr-132

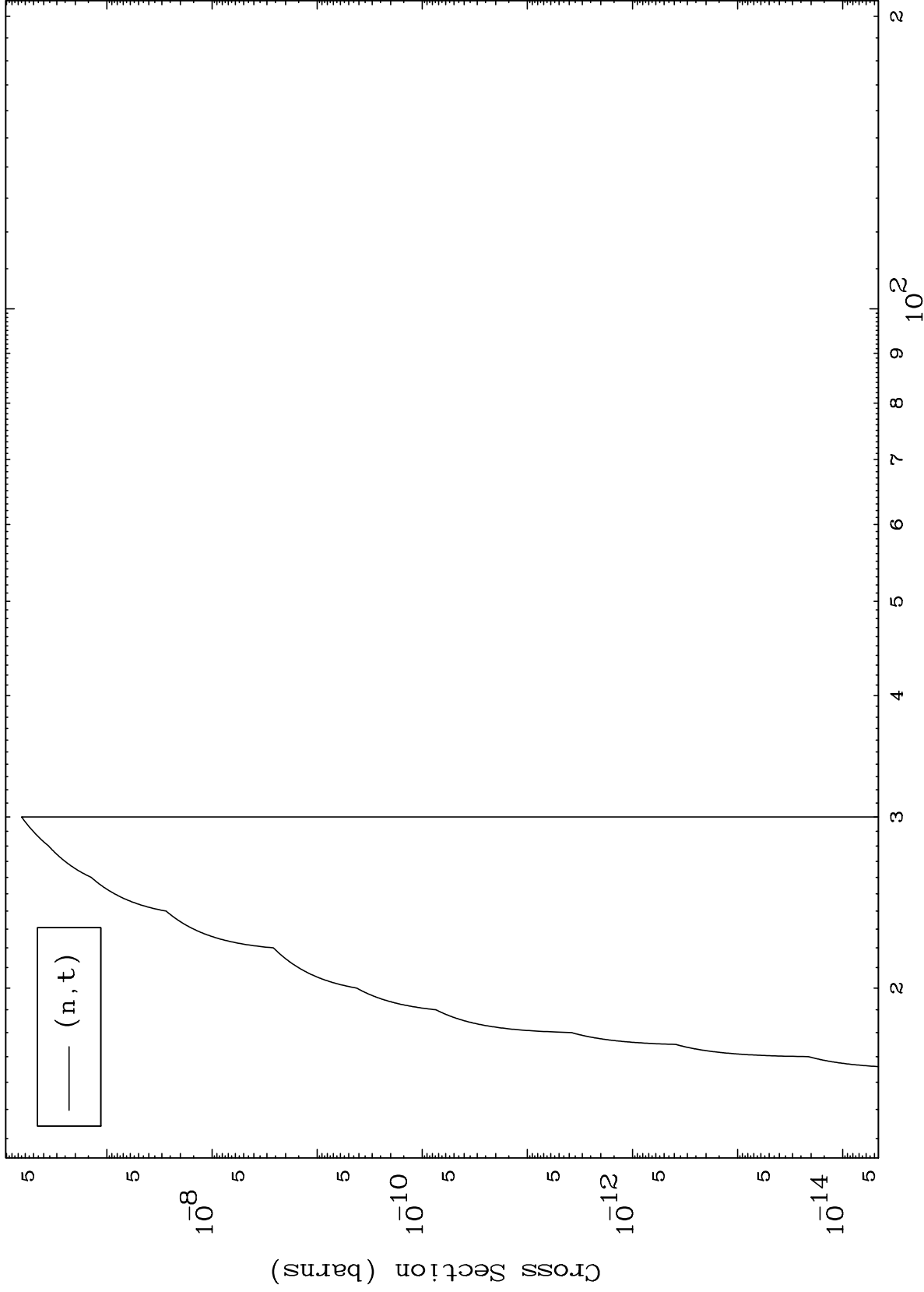
(γ, p) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

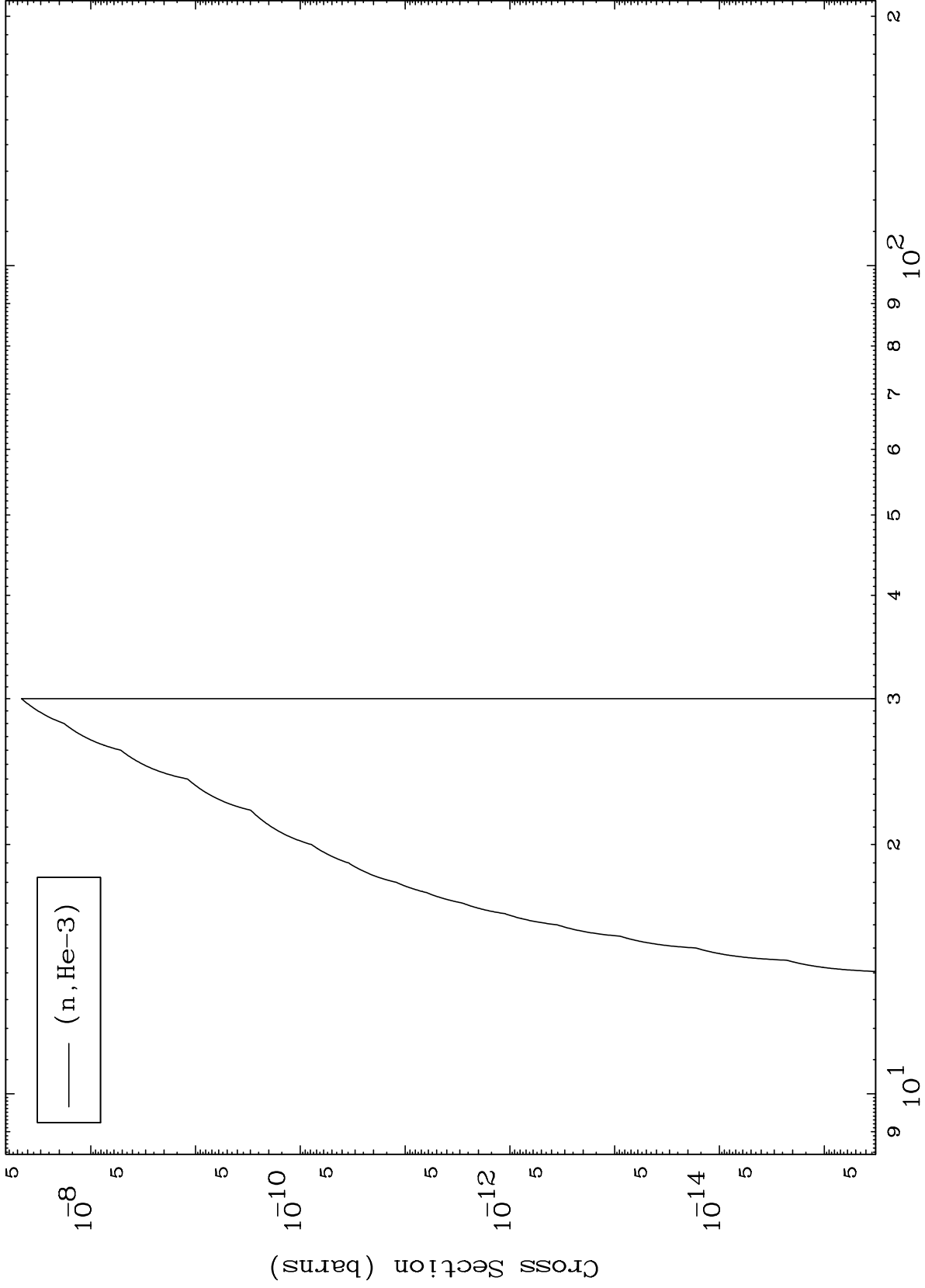
59-Pr-132



MAT 5898

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

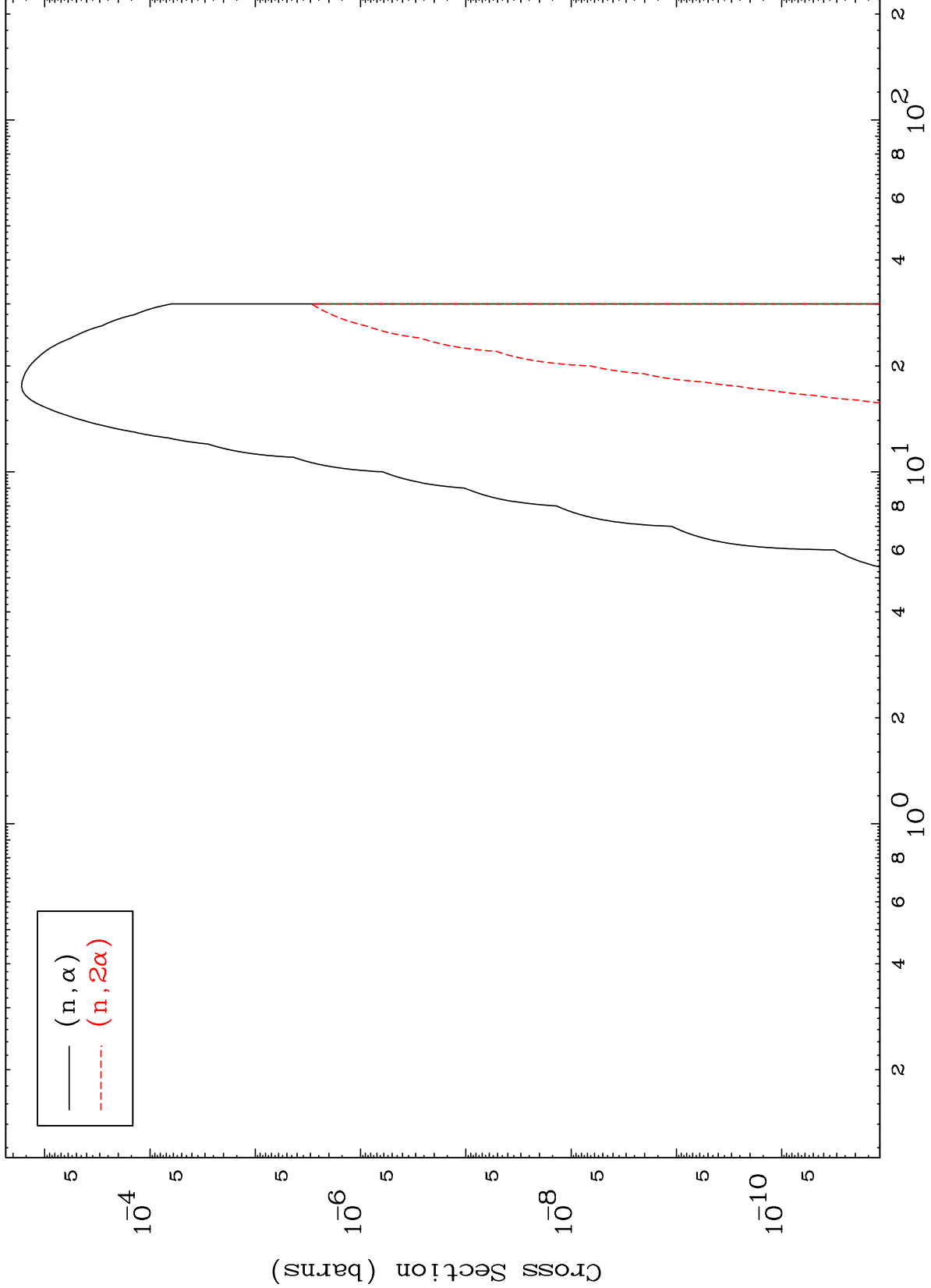
59-Pr-132



Incident Energy (MeV)

59-Pr-132

0 Kelvin Cross Sections

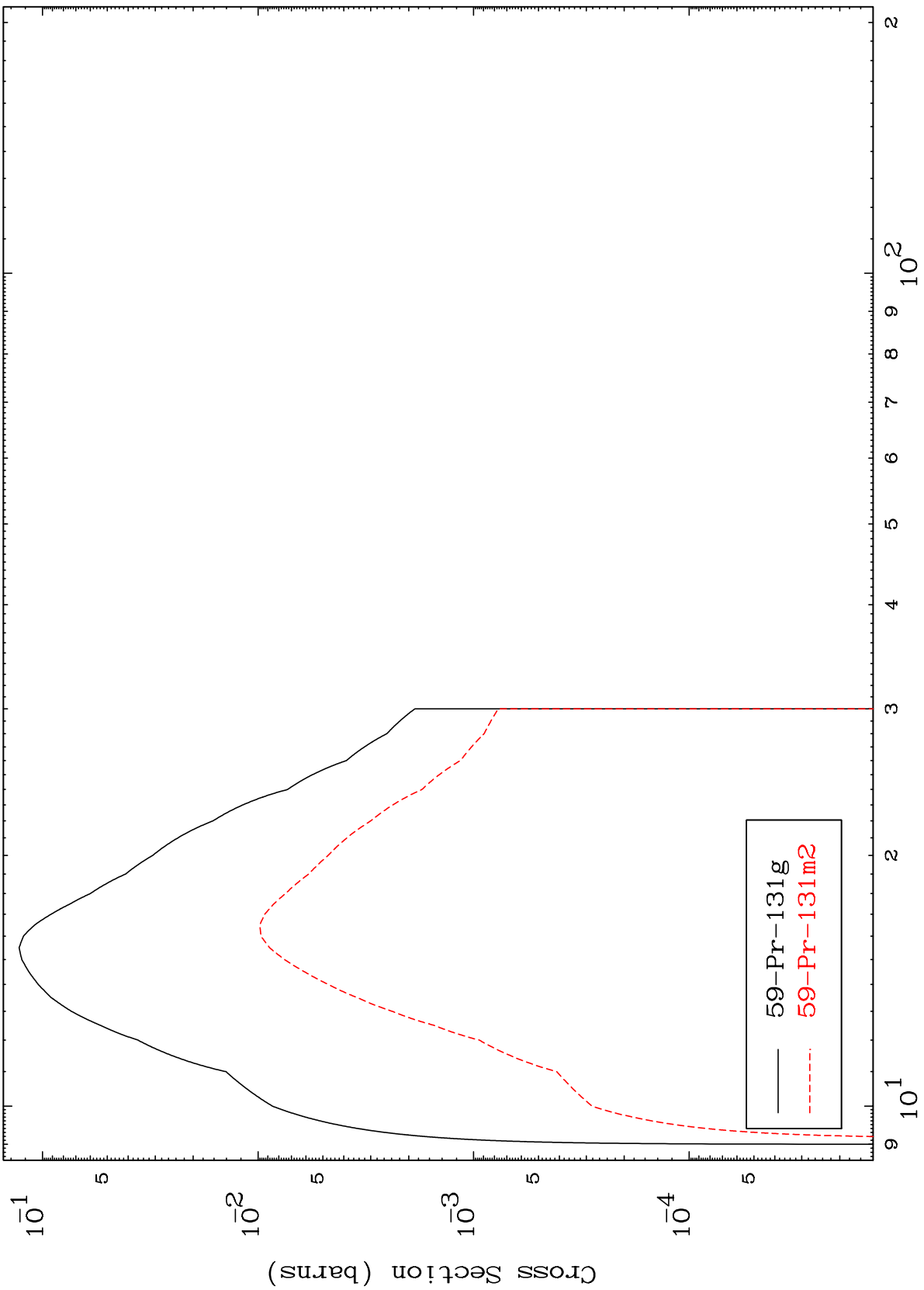


— (n, α)
- - - ($n, 2\alpha$)

MAT 5898

59-Pr-132

Inelastic
Radionuclide Production Cross Section



— 59-Pr-131g
- - - 59-Pr-131m2

59-Pr-132

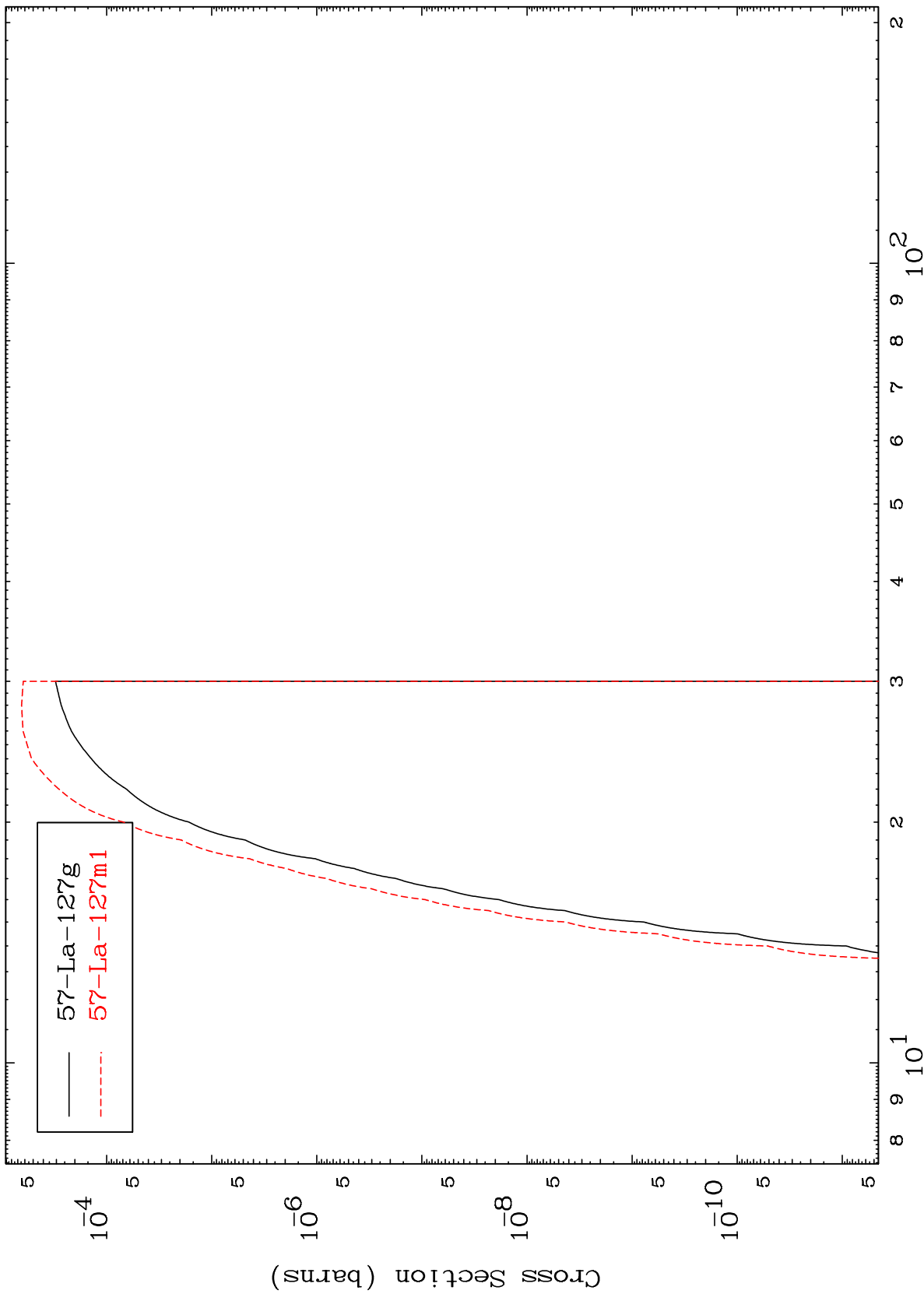
Incident Energy (MeV)

12

MAT 5898

59-Pr-132

(n,n') α
Radionuclide Production Cross Section



59-Pr-132

Incident Energy (MeV)

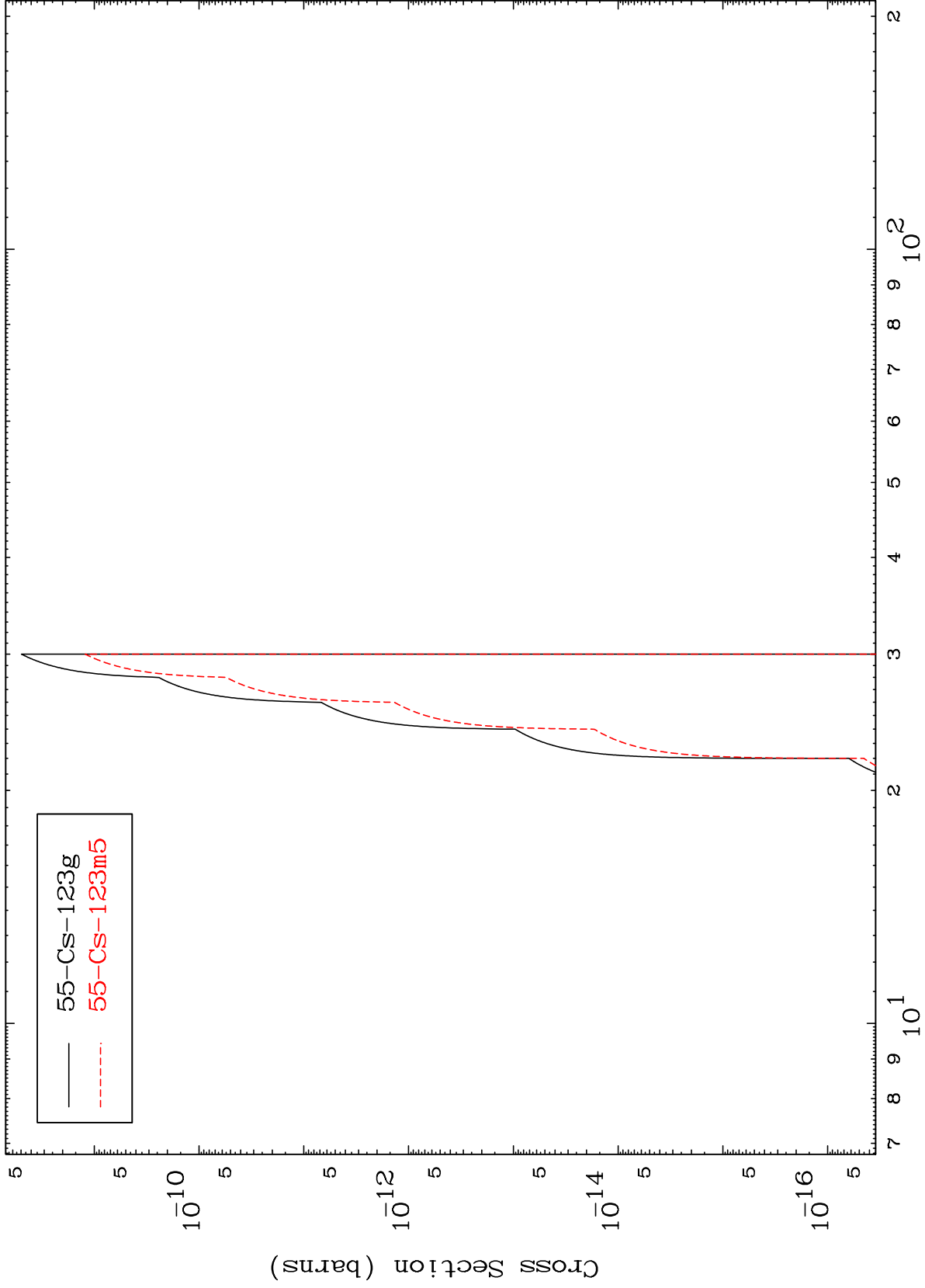
13

MAT 5898

(n,n') 2α

59-Pr-132

Radionuclide Production Cross Section



14

Incident Energy (MeV)

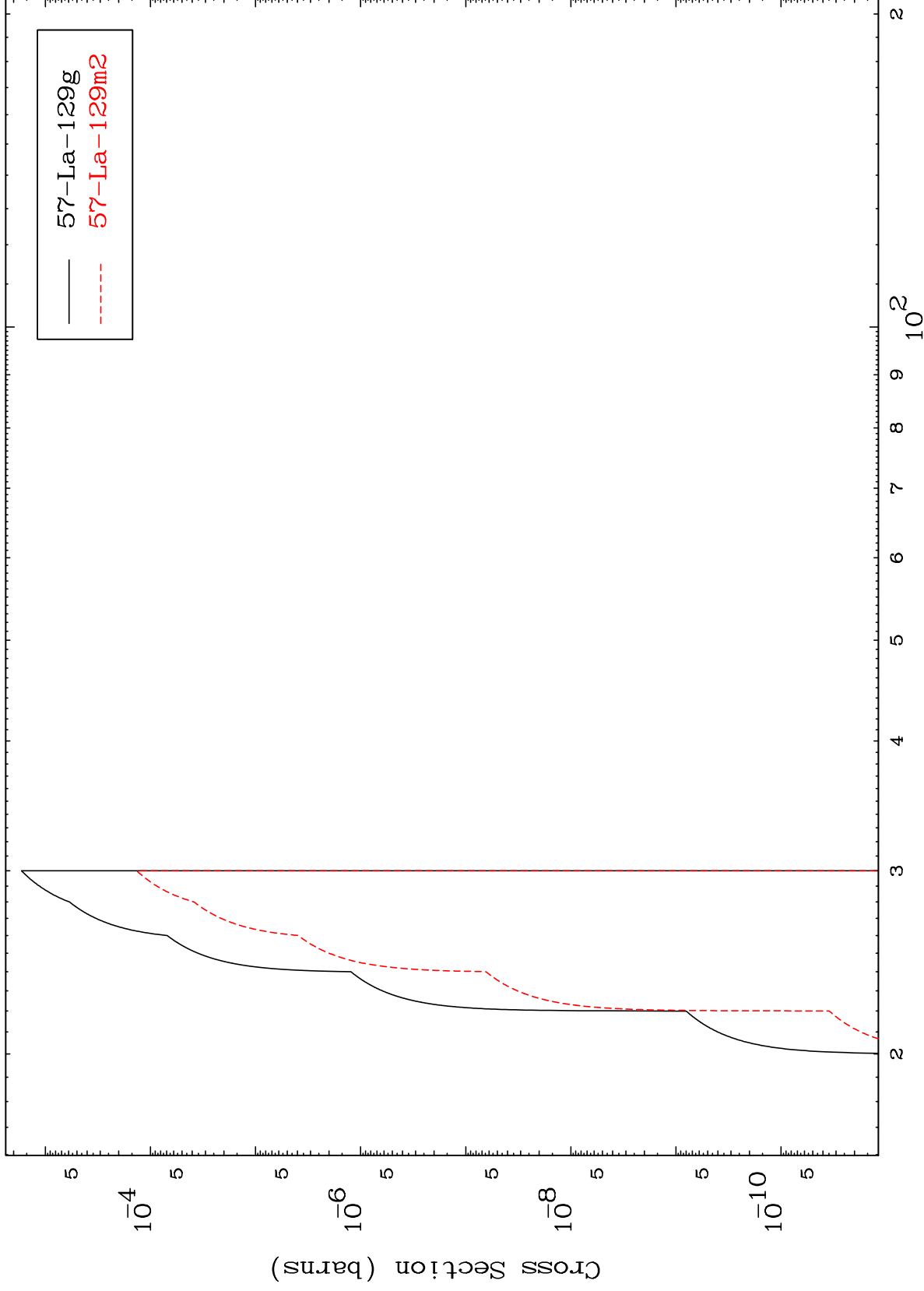
59-Pr-132

MAT 5898

(n,2n) p

59-Pr-132

Radionuclide Production Cross Section



15

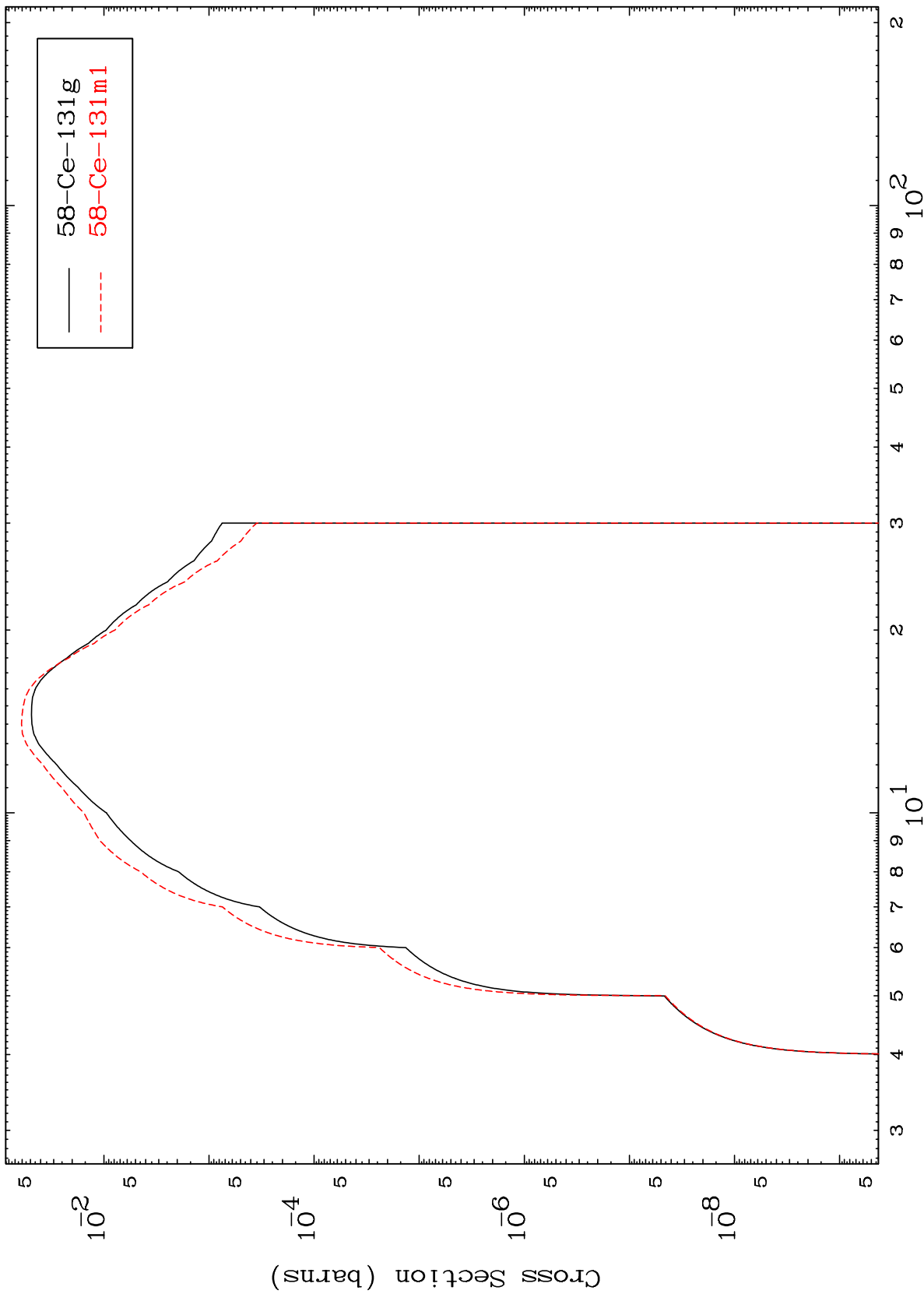
Incident Energy (MeV)

59-Pr-132

MAT 5898

59-Pr-132

(n,p)
Radionuclide Production Cross Section



59-Pr-132

Incident Energy (MeV)

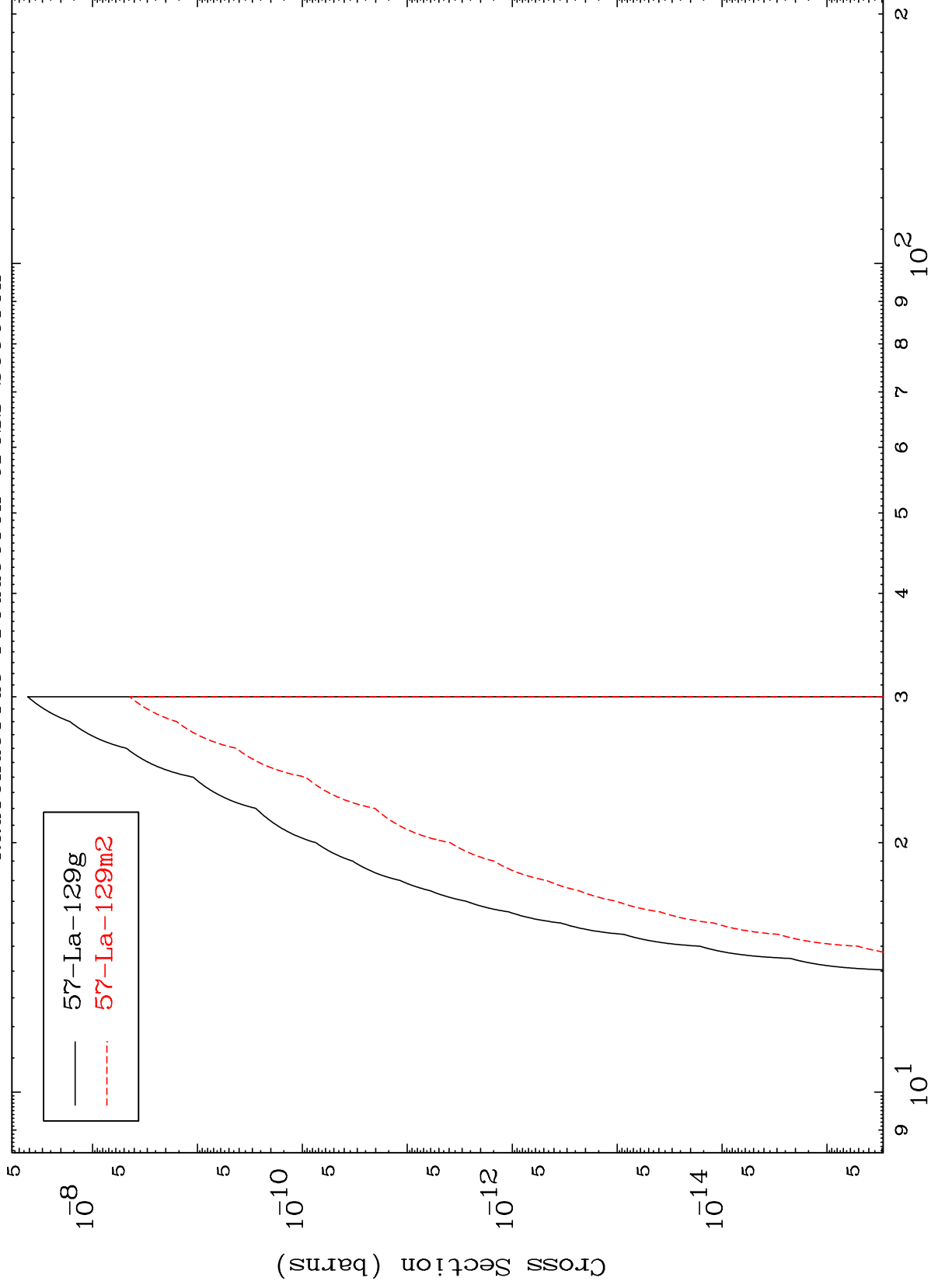
16

MAT 5898

(n,He-3)

59-Pr-132

Radionuclide Production Cross Section



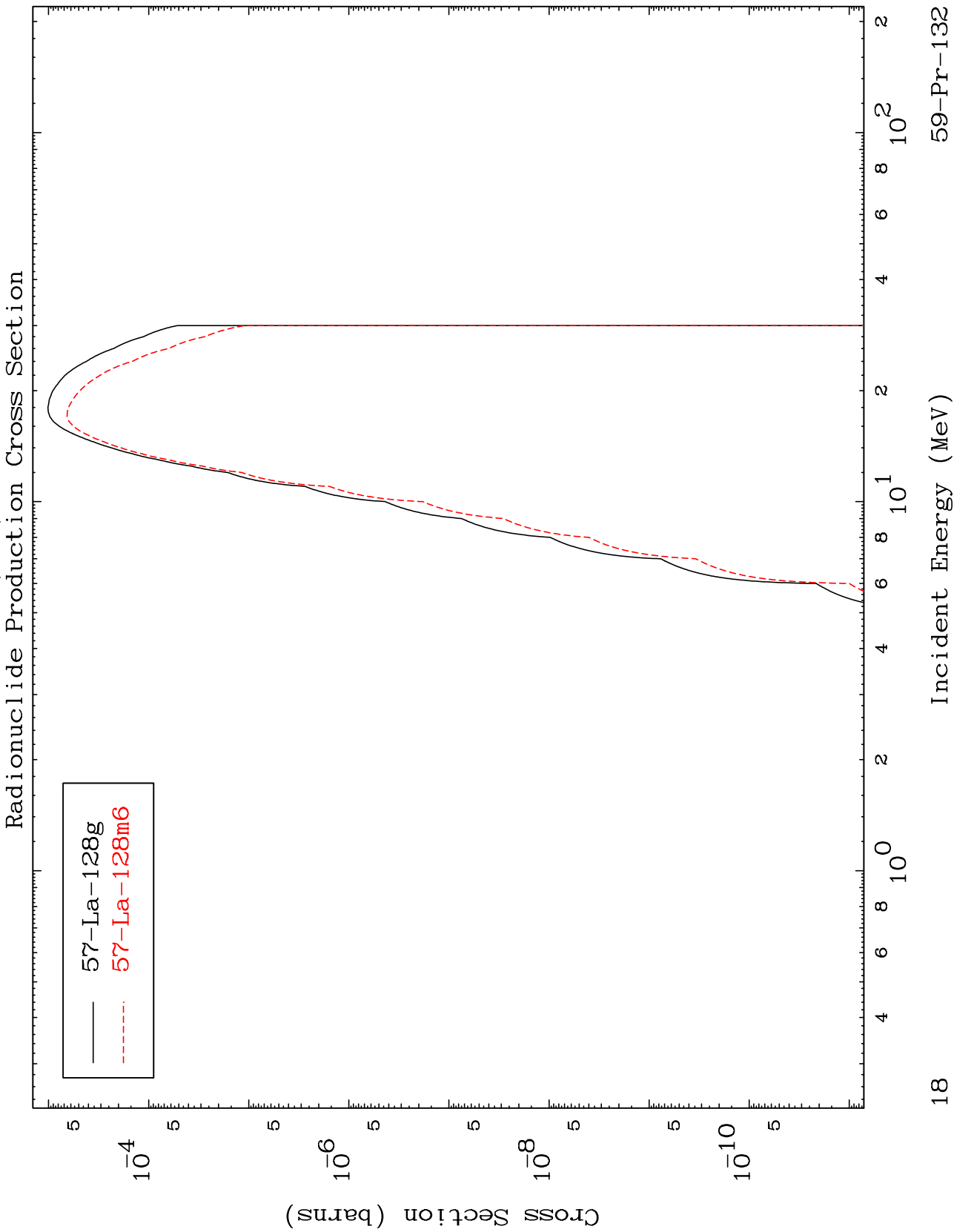
17

Incident Energy (MeV)

59-Pr-132

MAT 5898

59-Pr-132

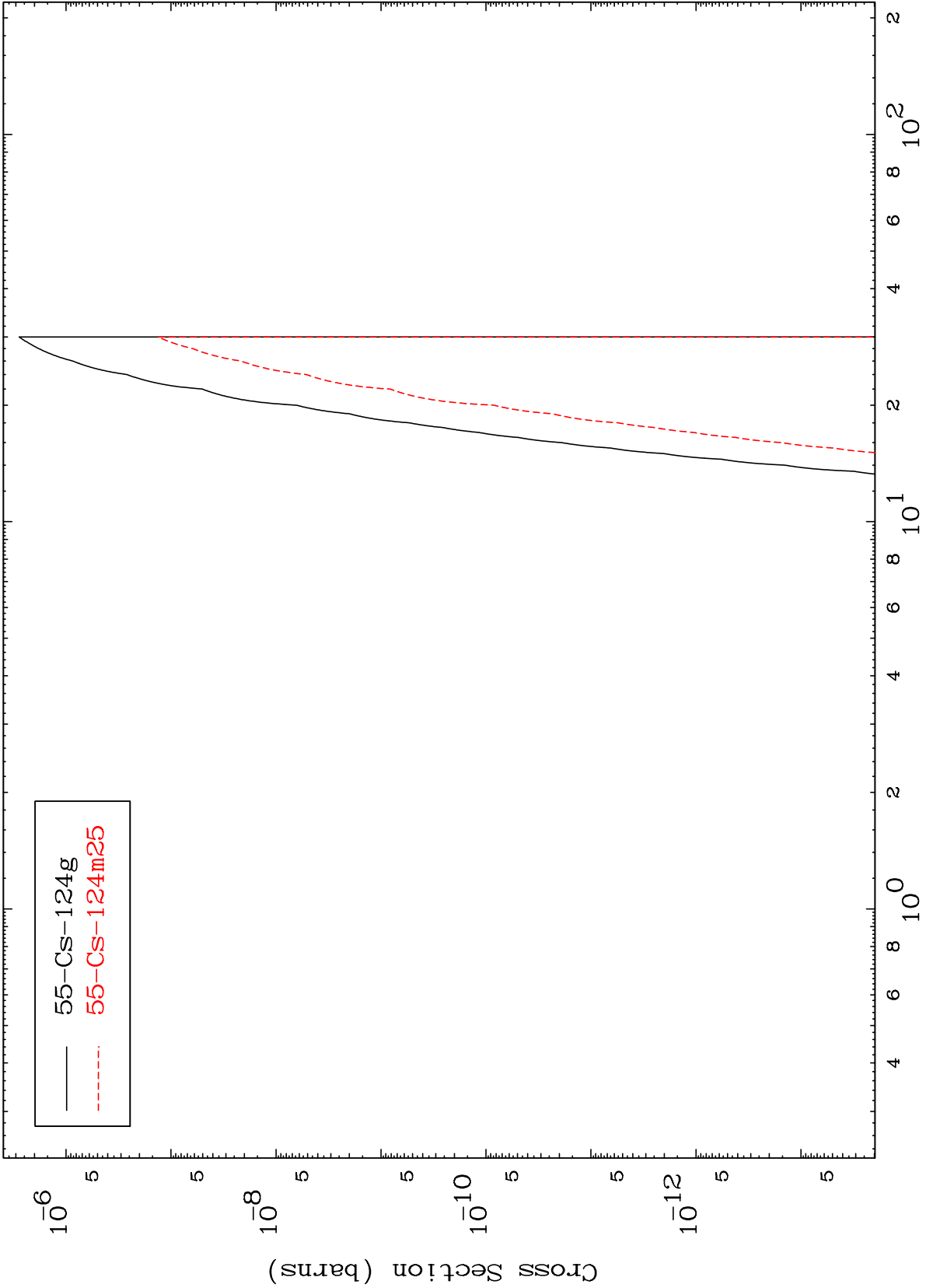


MAT 5898

(n,2α)

59-Pr-132

Radionuclide Production Cross Section



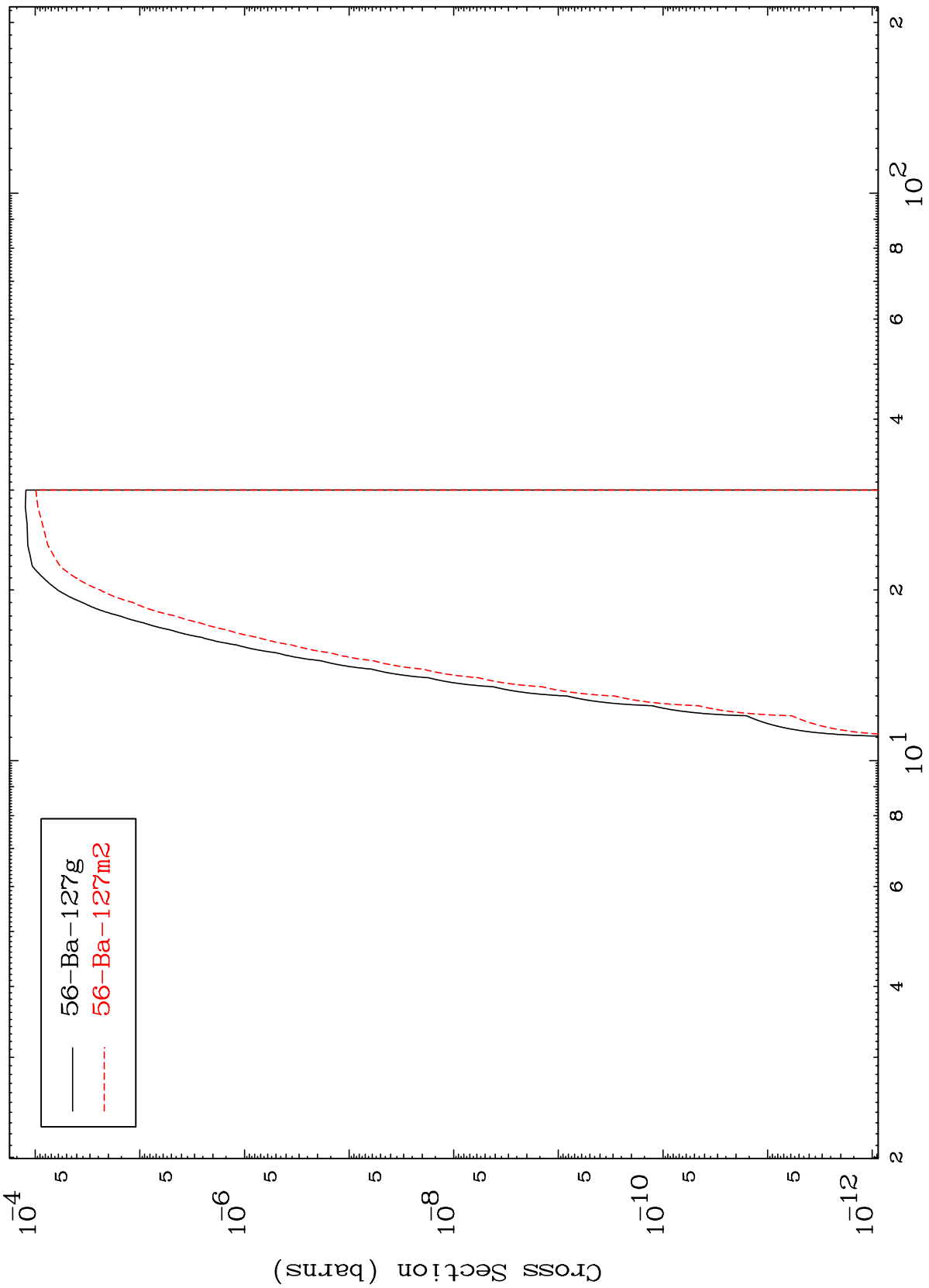
55-Cs-124g
55-Cs-124m25

MAT 5898

(n,p) α

59-Pr-132

Radionuclide Production Cross Section



20

Incident Energy (MeV)

59-Pr-132

Radionuclide Production Cross Section

