

Program EVALPLOT
(Version 2018-1)

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

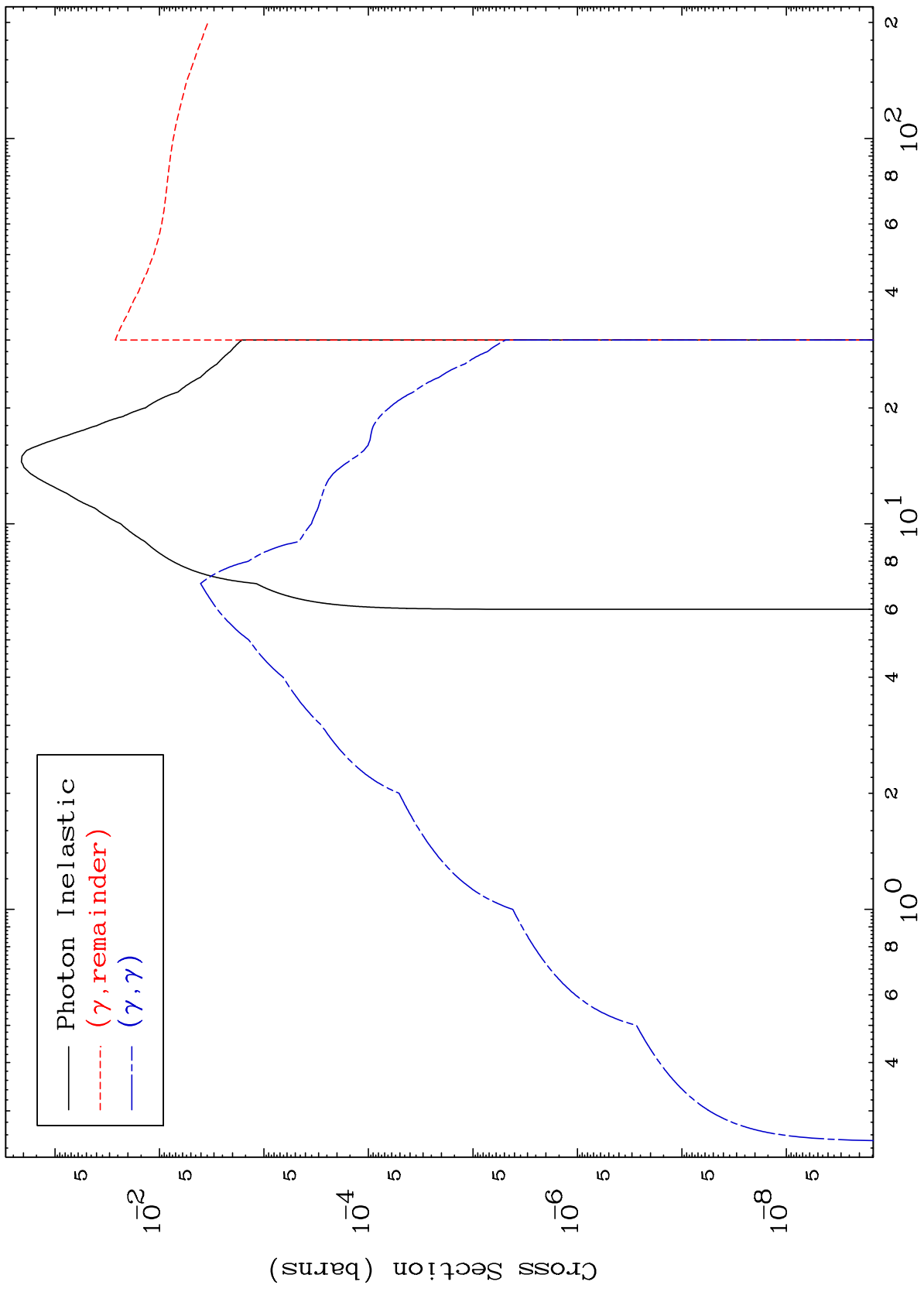
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4853

Photon Major
0 Kelvin Cross Sections

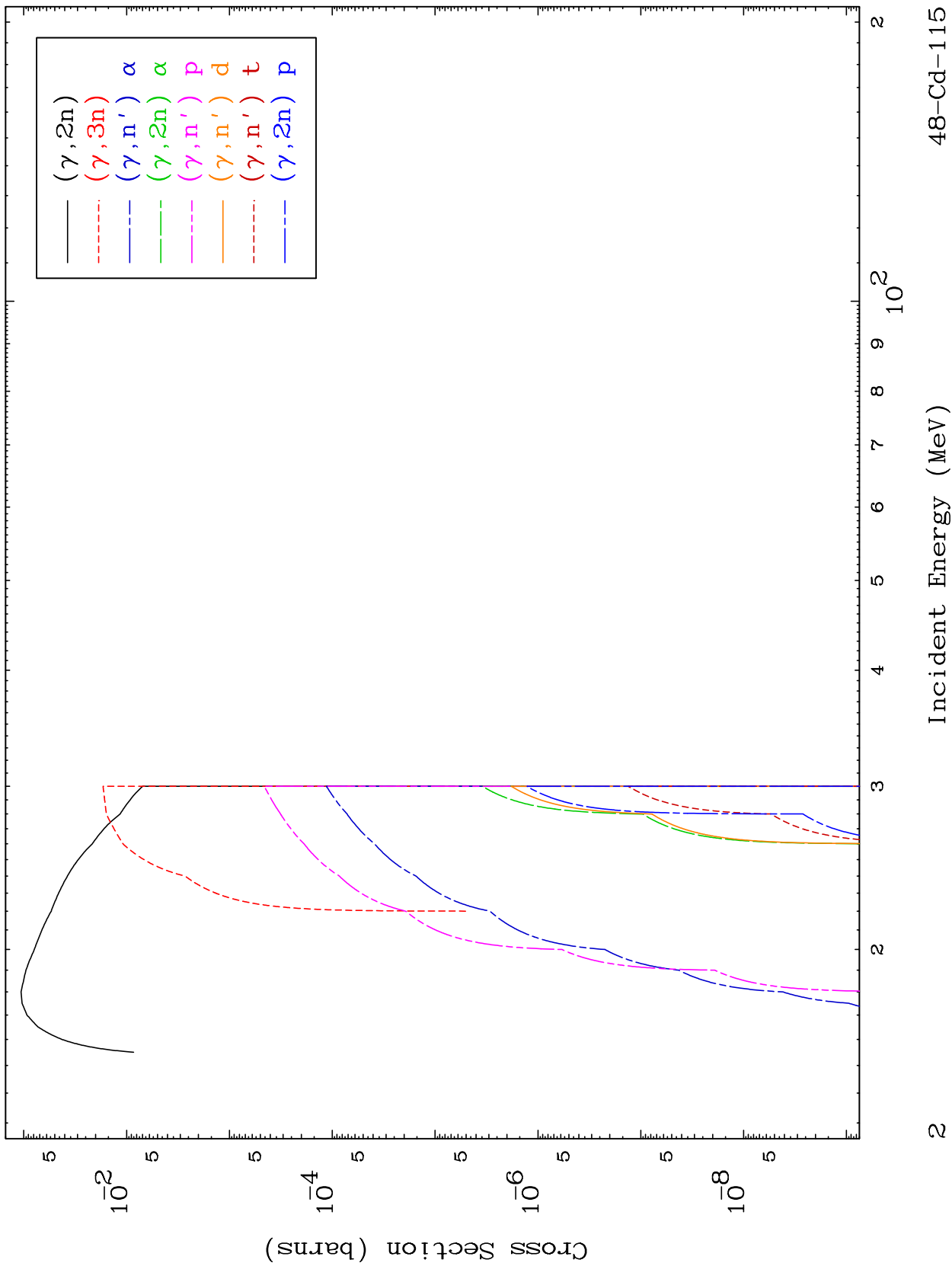
48-Cd-115



MAT 4853

Photon Neutron Production
0 Kelvin Cross Sections

48-Cd-115



48-Cd-115

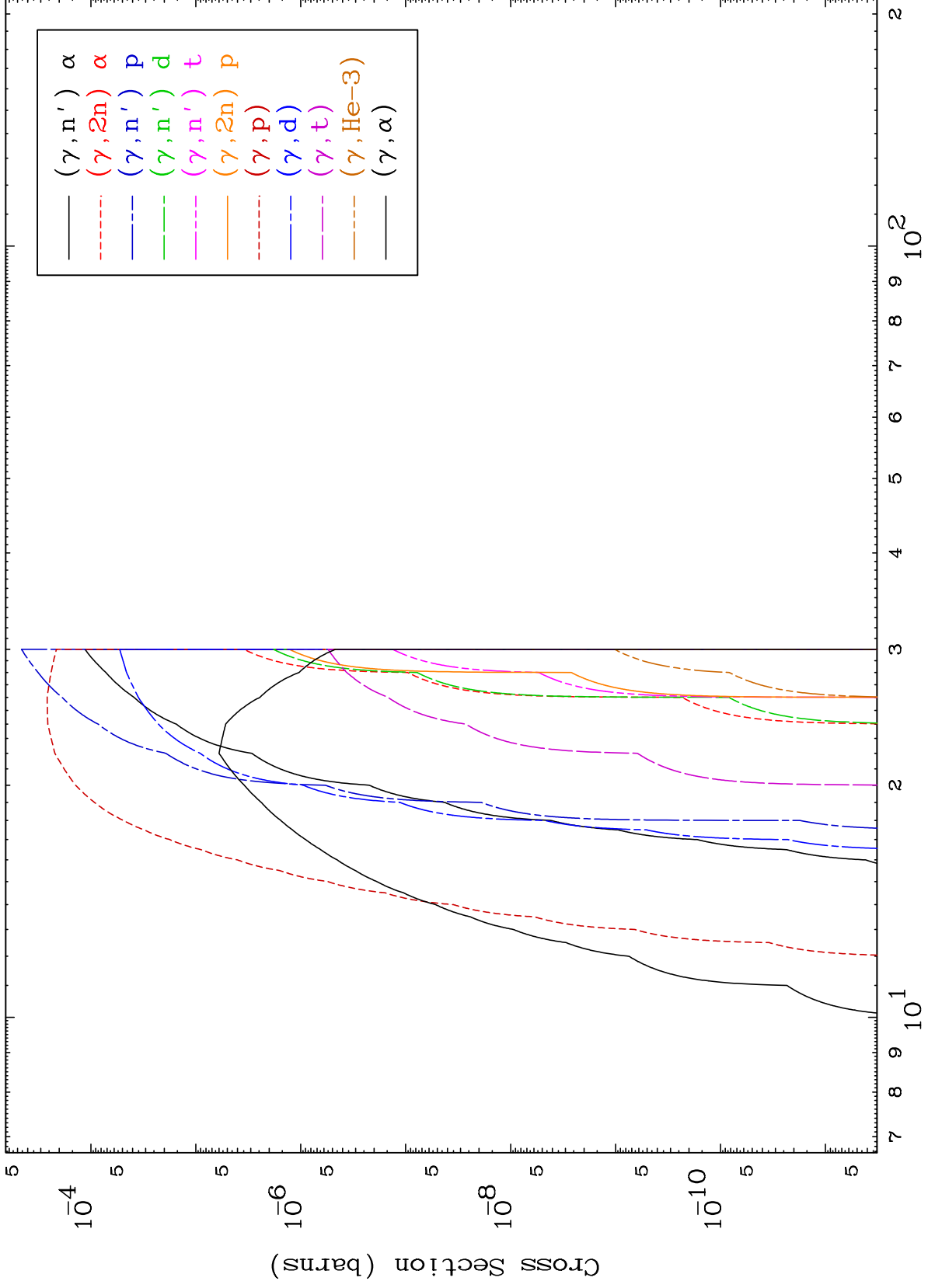
Incident Energy (MeV)

2

MAT 4853

Photon Charged Particle
0 Kelvin Cross Sections

48-Cd-115



3

Incident Energy (MeV)

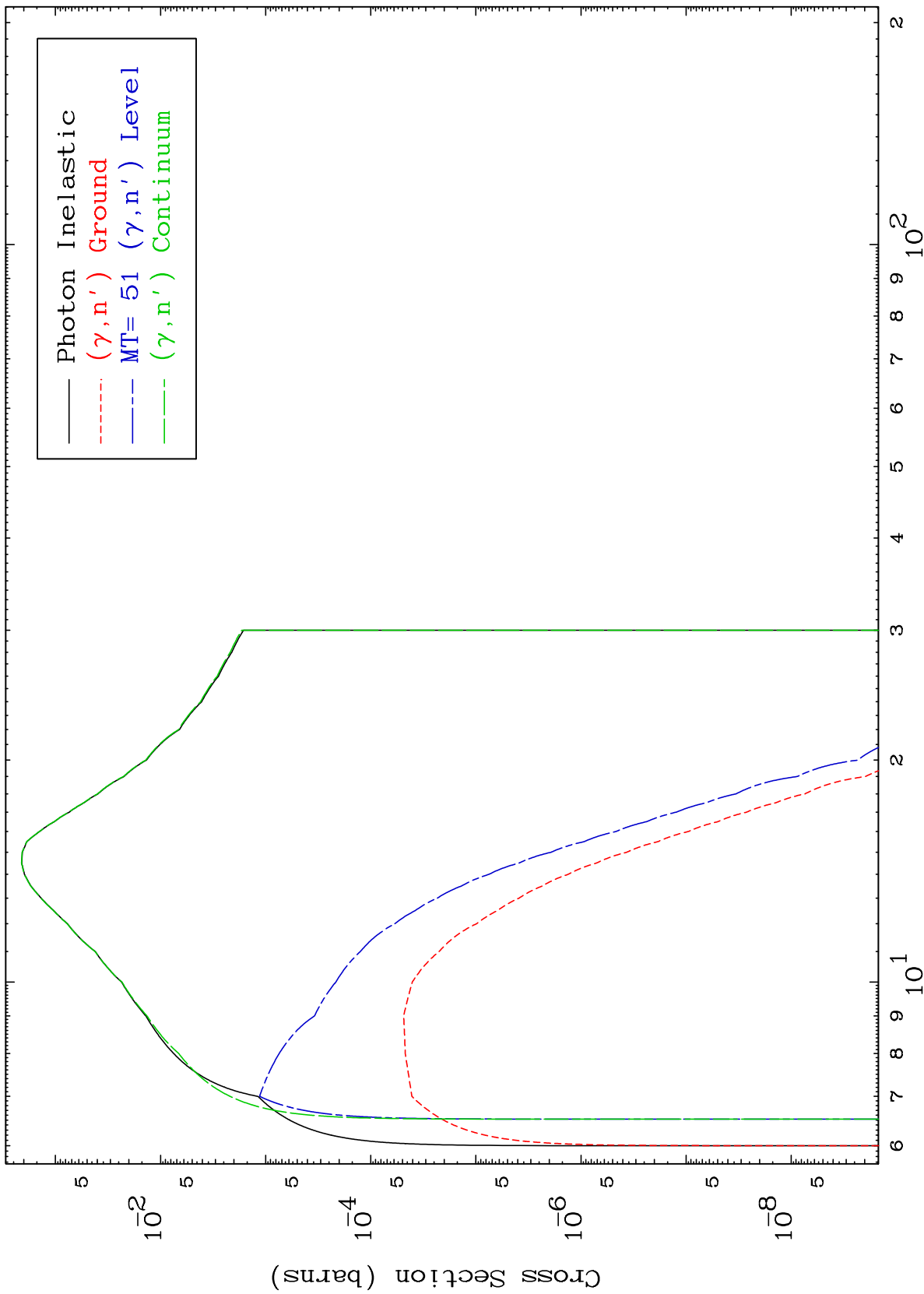
48-Cd-115

MAT 4853

(γ, n') Level

48-Cd-115

0 Kelvin Cross Sections



Incident Energy (MeV)

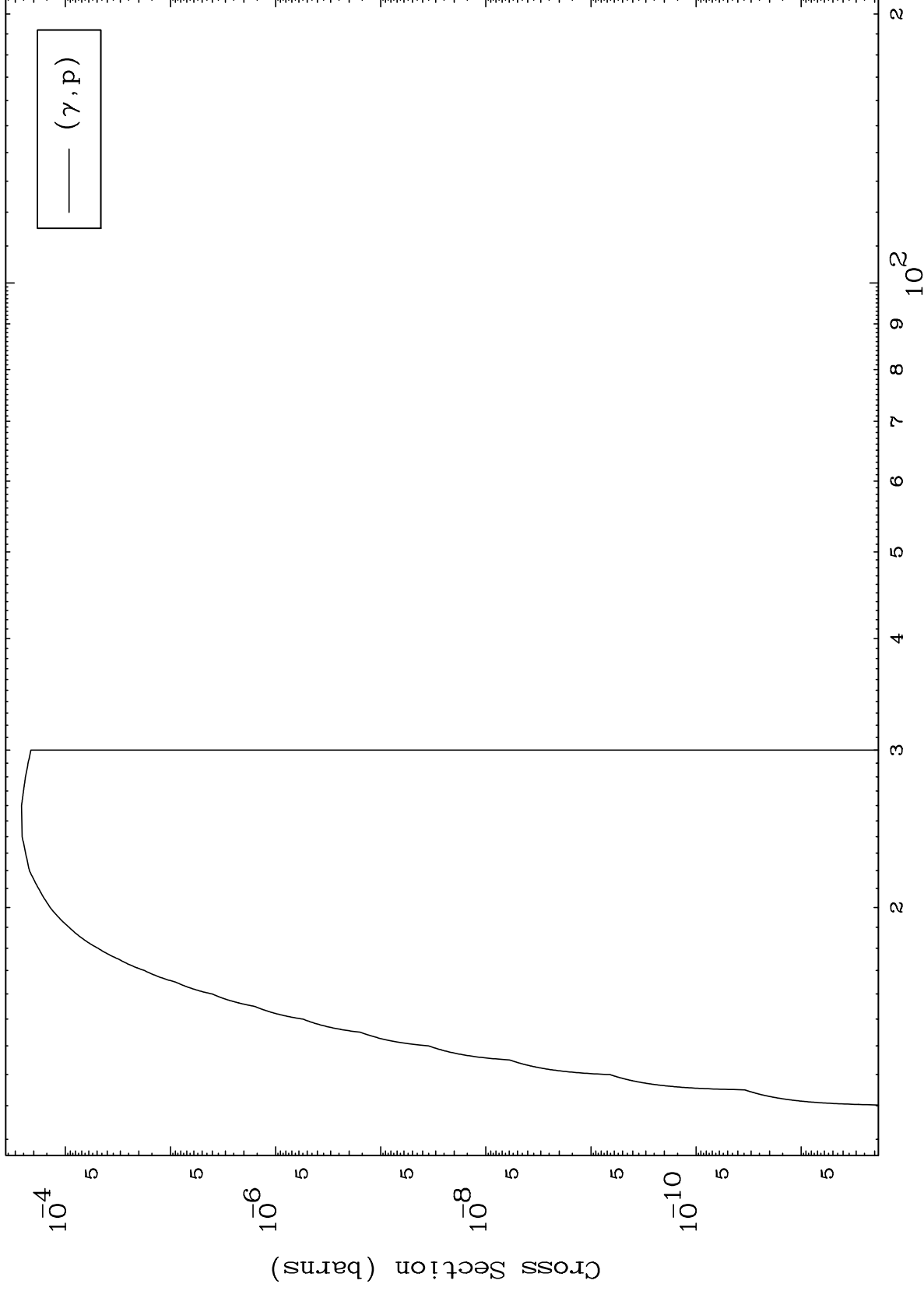
48-Cd-115

4

MAT 4853

(γ, p) Levels
0 Kelvin Cross Sections

48-Cd-115



5

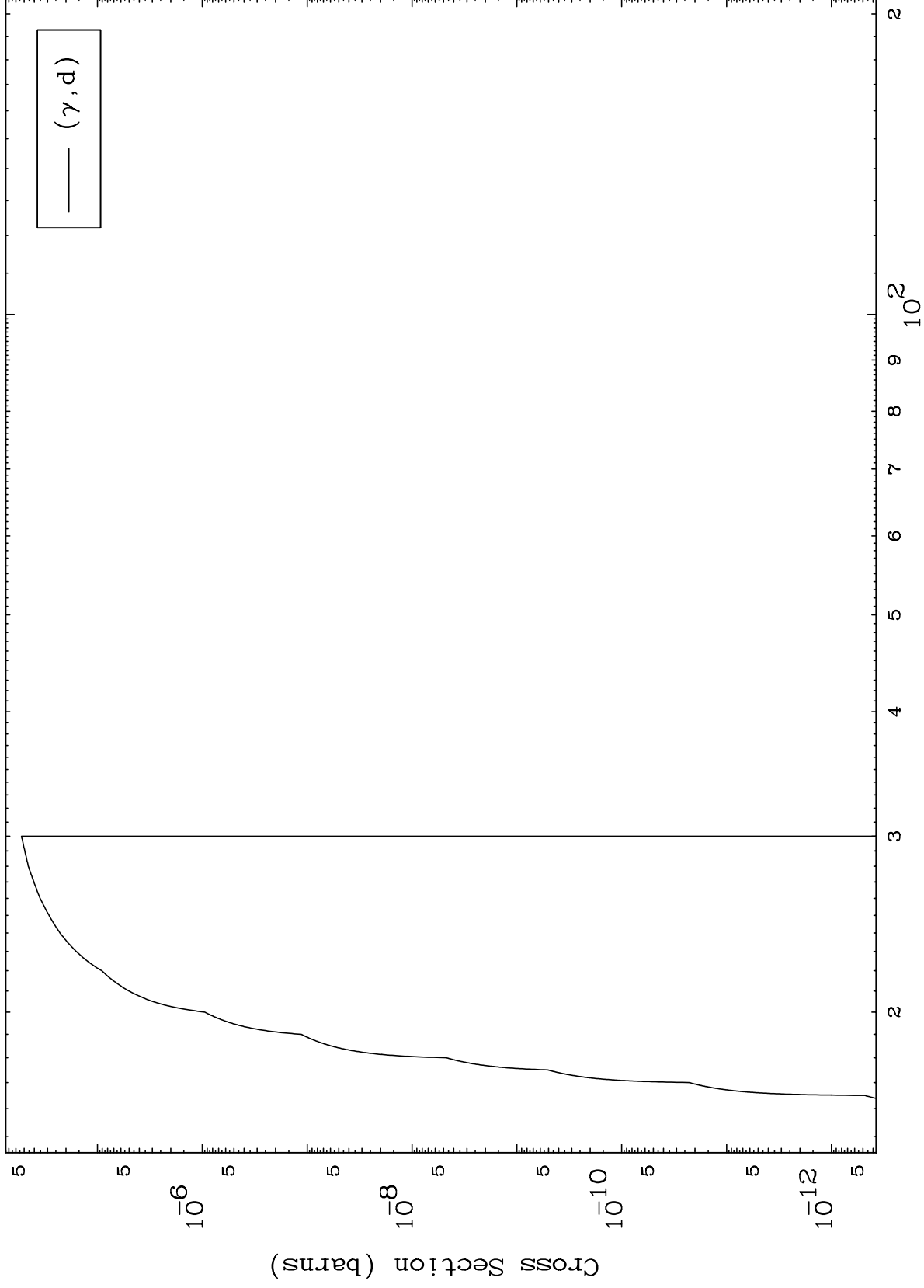
Incident Energy (MeV)

48-Cd-115

MAT 4853

(γ, d) Levels
0 Kelvin Cross Sections

48-Cd-115



6

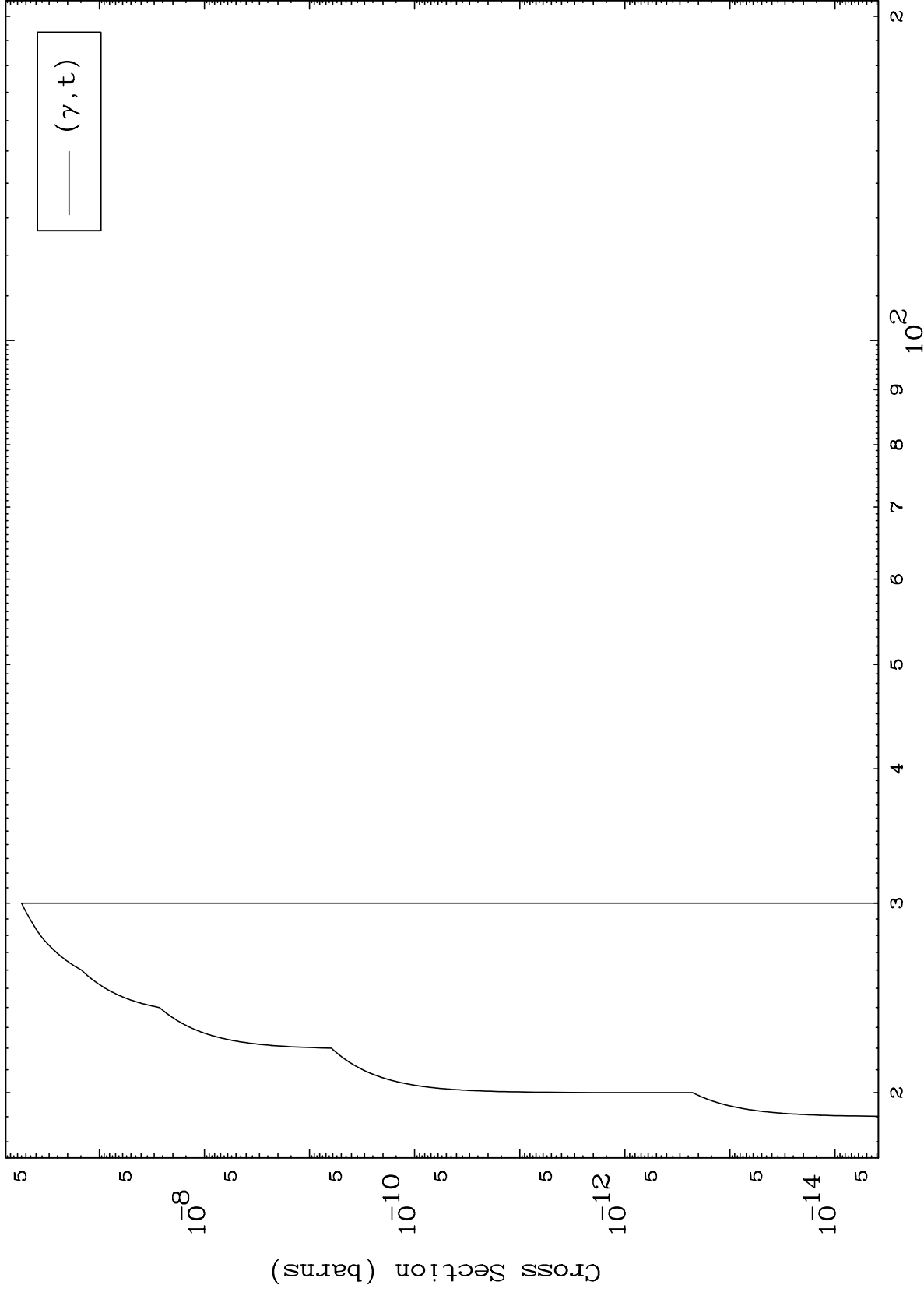
Incident Energy (MeV)

48-Cd-115

MAT 4853

(γ, t) Levels
0 Kelvin Cross Sections

48-Cd-115



7

Incident Energy (MeV)

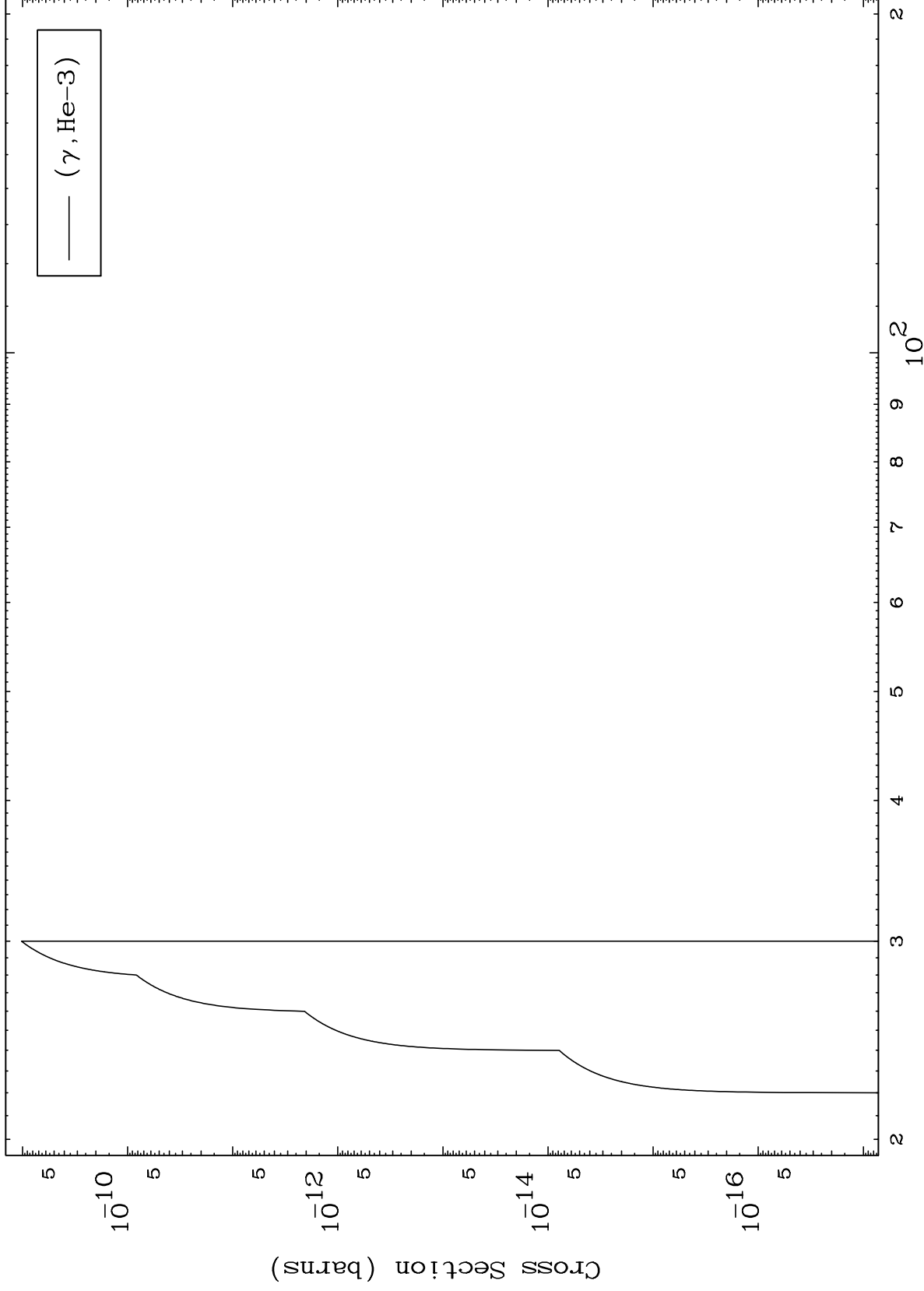
48-Cd-115

MAT 4853

($\gamma, \text{He}3$) Levels

48-Cd-115

0 Kelvin Cross Sections



8

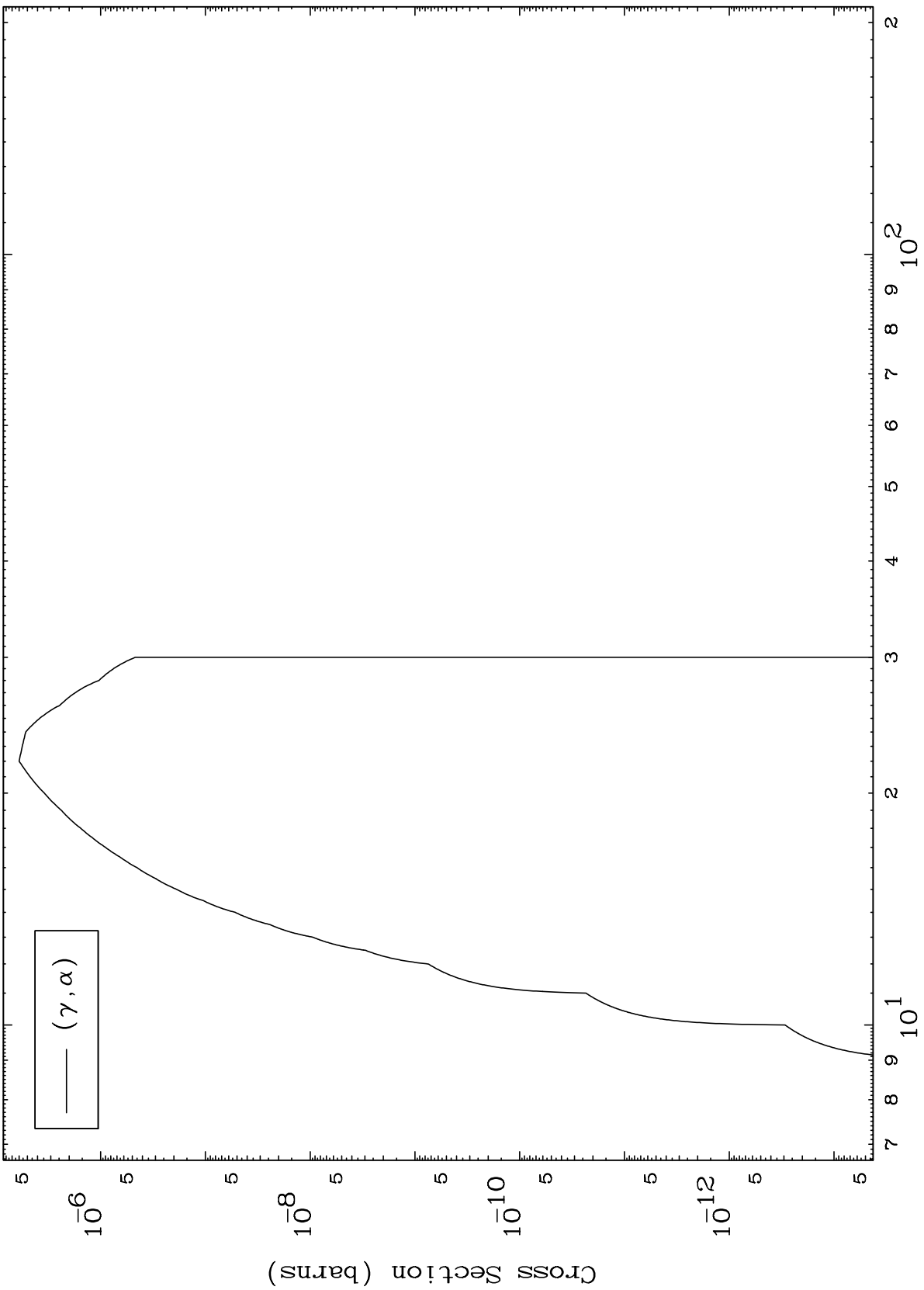
Incident Energy (MeV)

48-Cd-115

MAT 4853

48-Cd-115

(γ, α) Levels
0 Kelvin Cross Sections



9

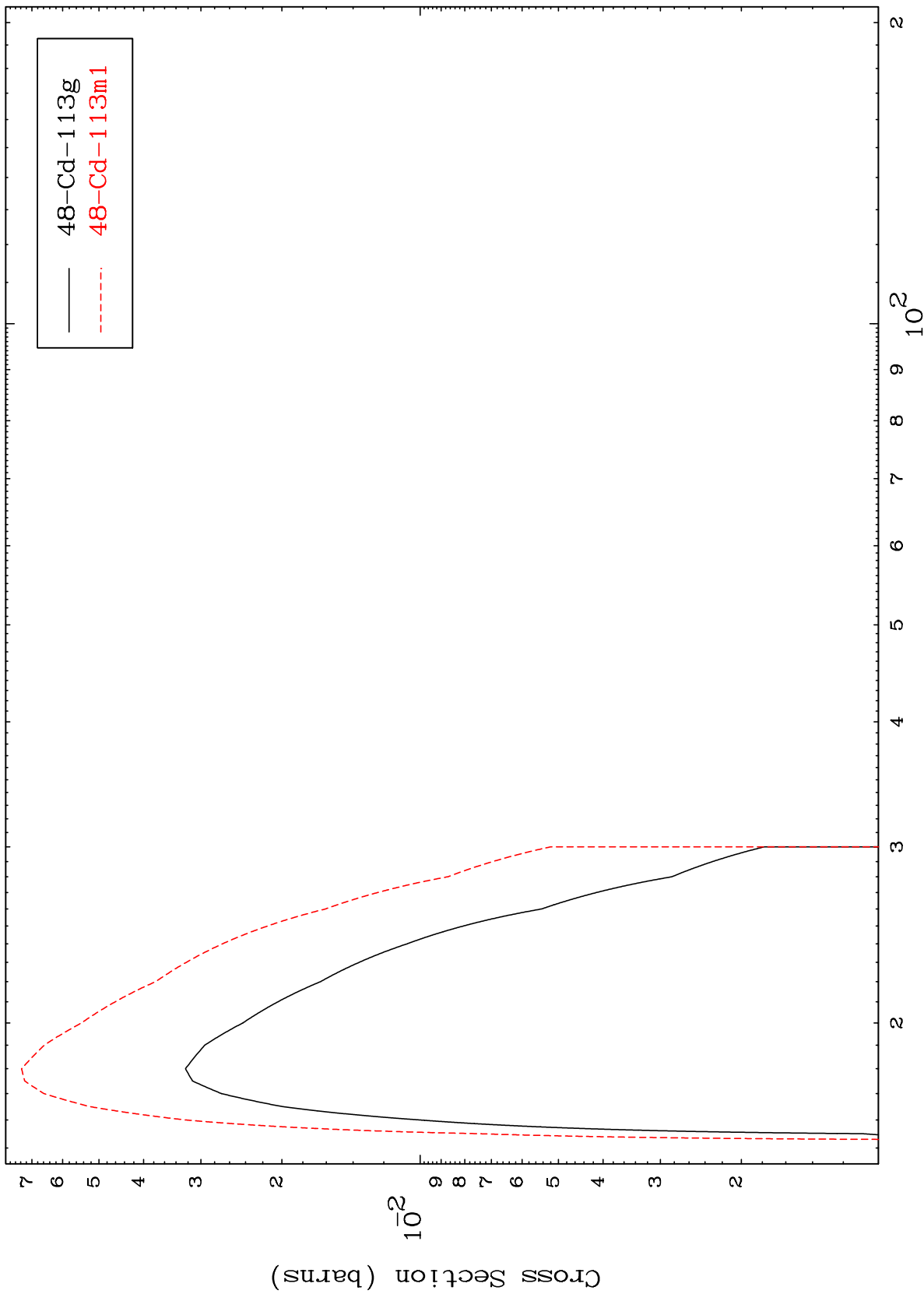
Incident Energy (MeV)

48-Cd-115

MAT 4853

48-Cd-115

($\gamma, 2n$)
Radionuclide Production Cross Section



48-Cd-115

Incident Energy (MeV)

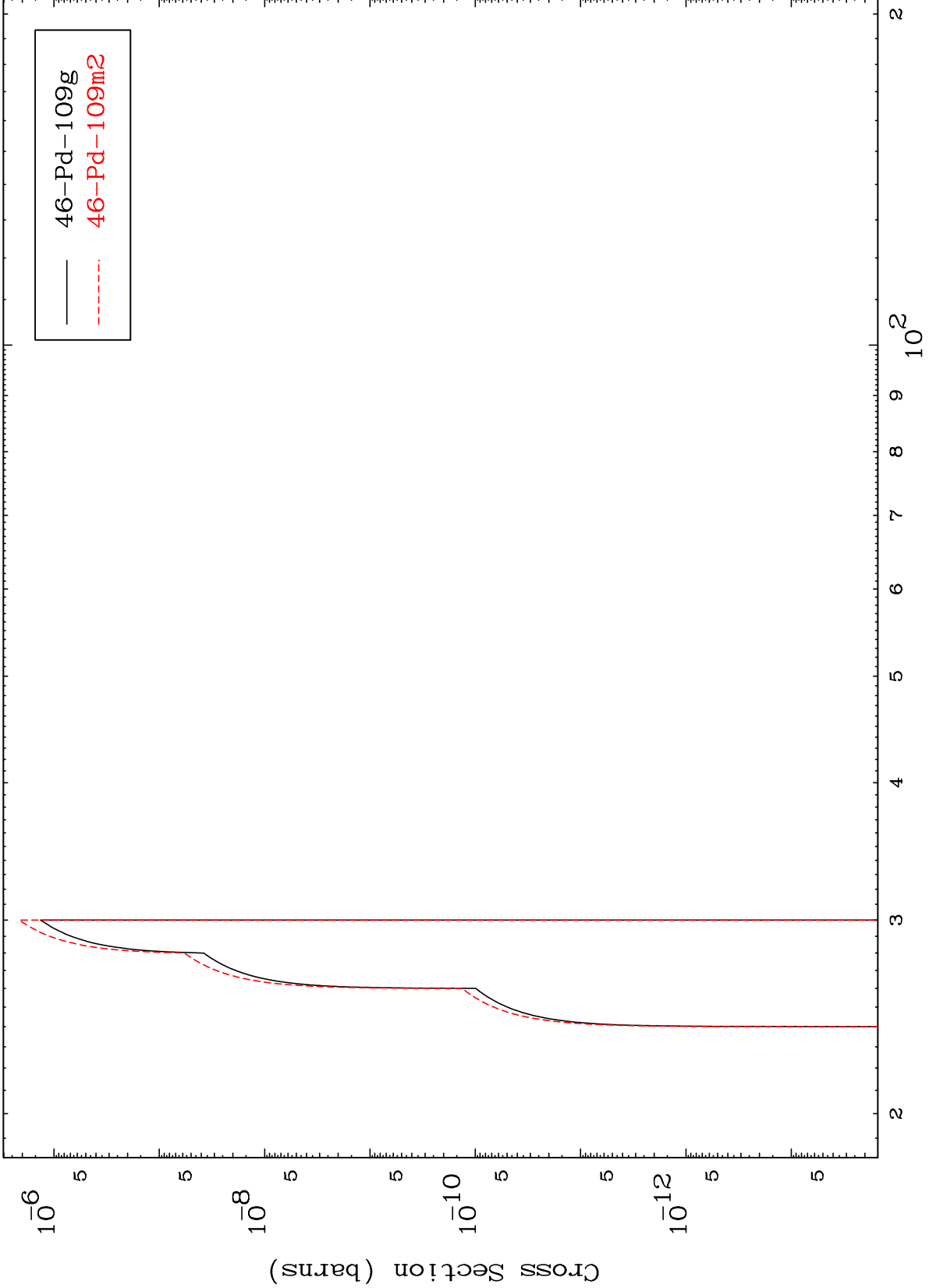
10

MAT 4853

48-Cd-115

$(\gamma, 2n) \alpha$

Radionuclide Production Cross Section



11

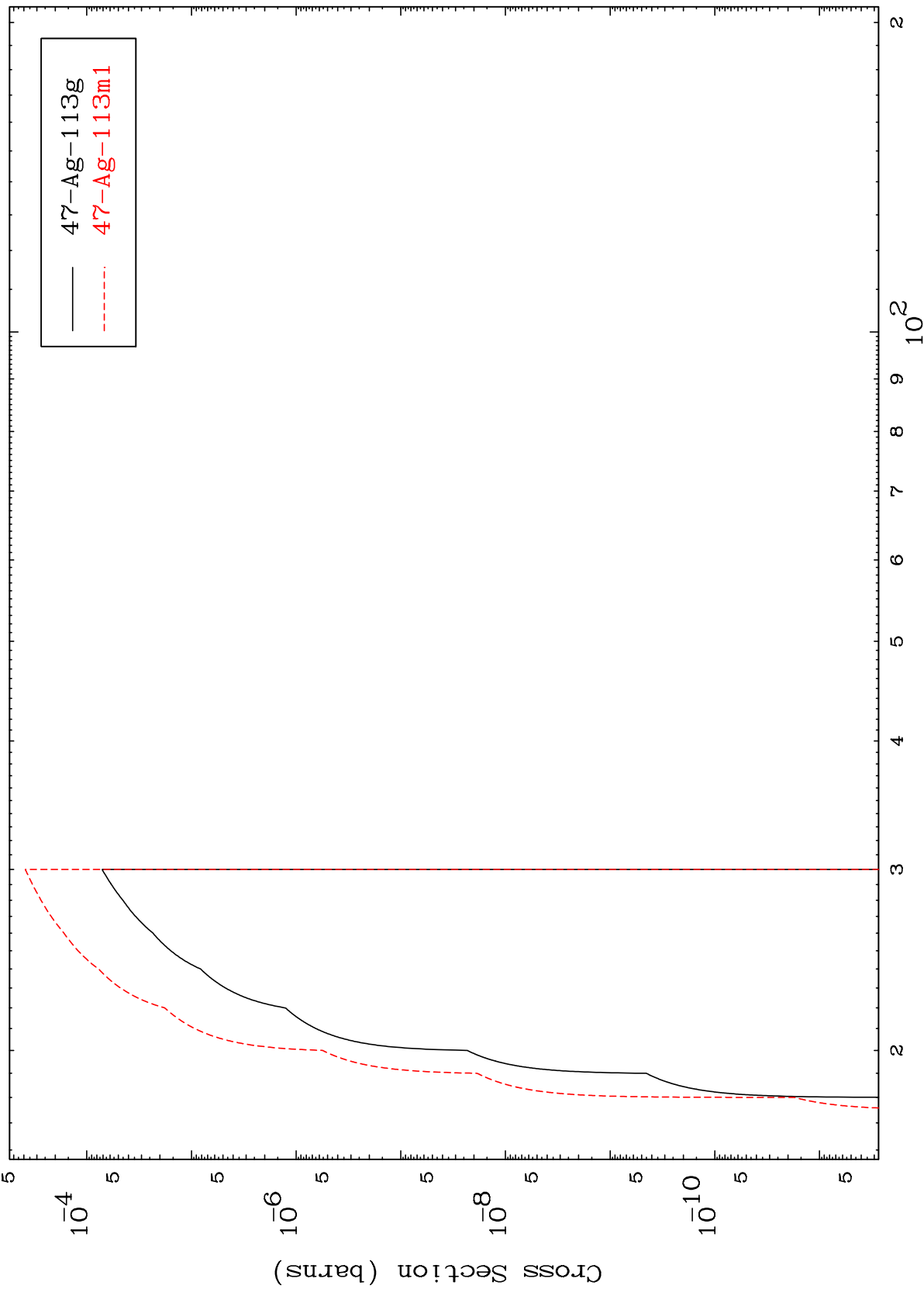
Incident Energy (MeV)

48-Cd-115

MAT 4853

48-Cd-115

(γ, n') p
Radionuclide Production Cross Section



12

Incident Energy (MeV)

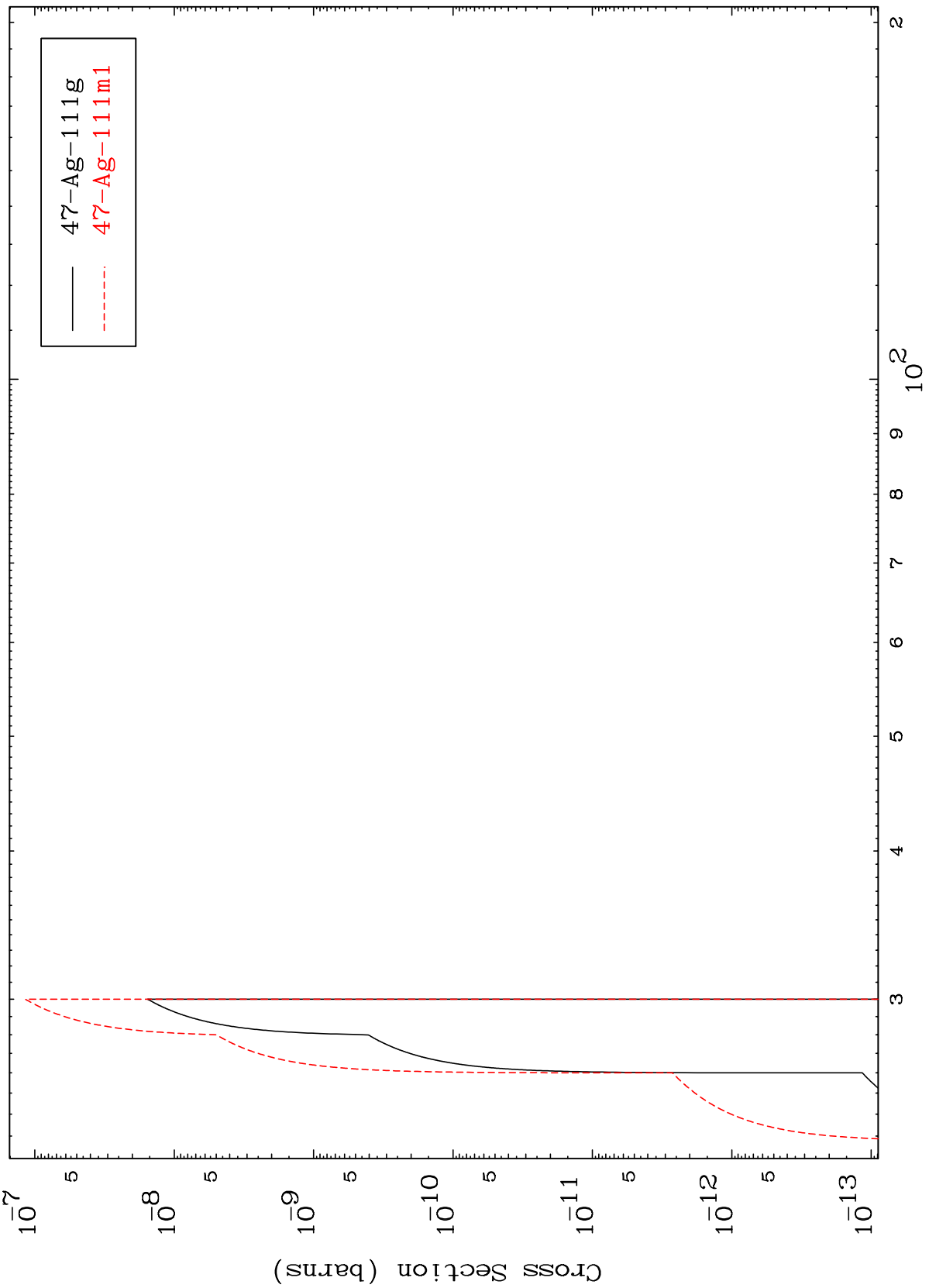
48-Cd-115

MAT 4853

(γ, n') t

48-Cd-115

Radionuclide Production Cross Section



13

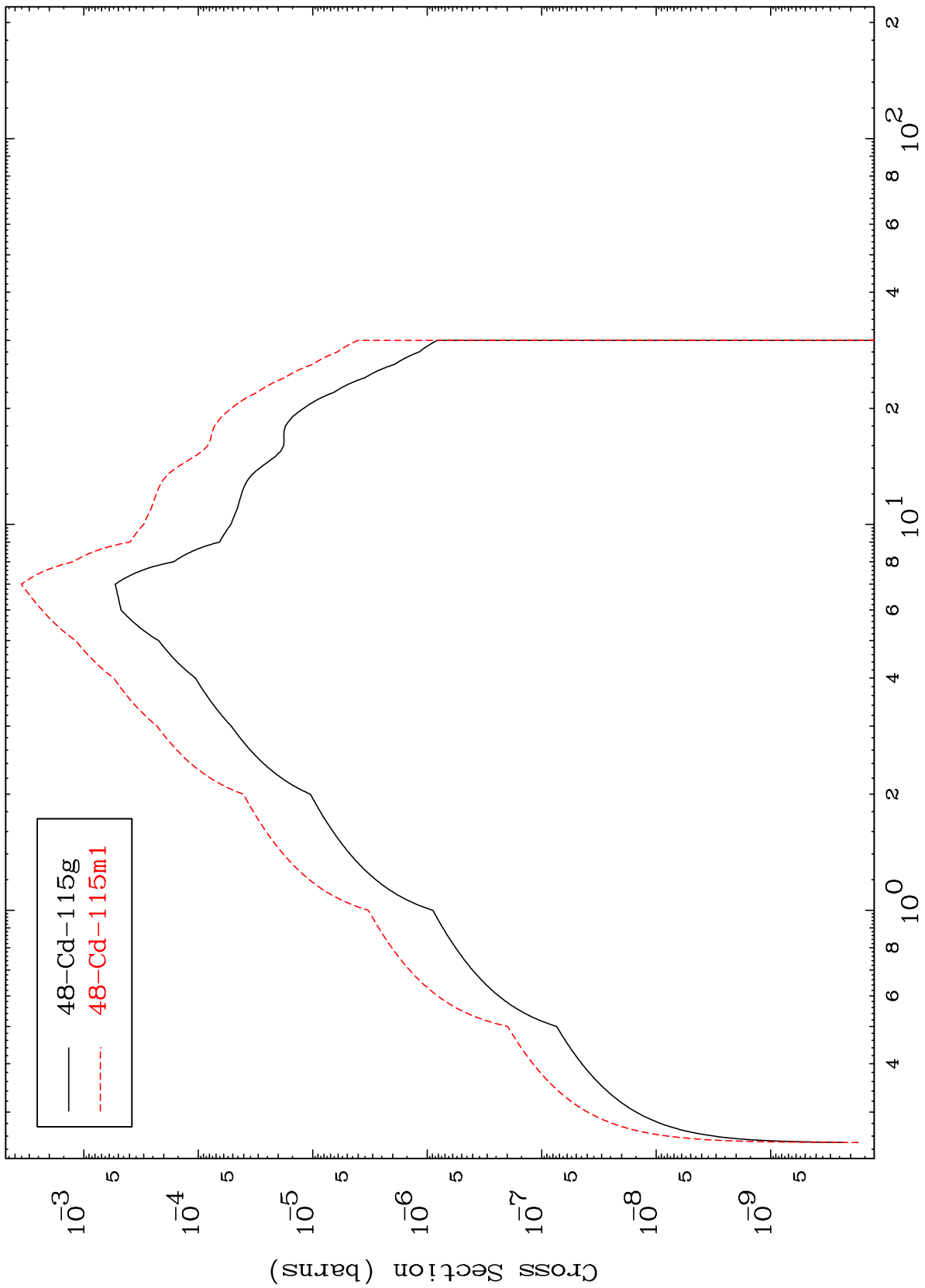
Incident Energy (MeV)

48-Cd-115

MAT 4853

48-Cd-115

(γ, γ)
Radionuclide Production Cross Section



— 48-Cd-115g
- - - 48-Cd-115m1

48-Cd-115

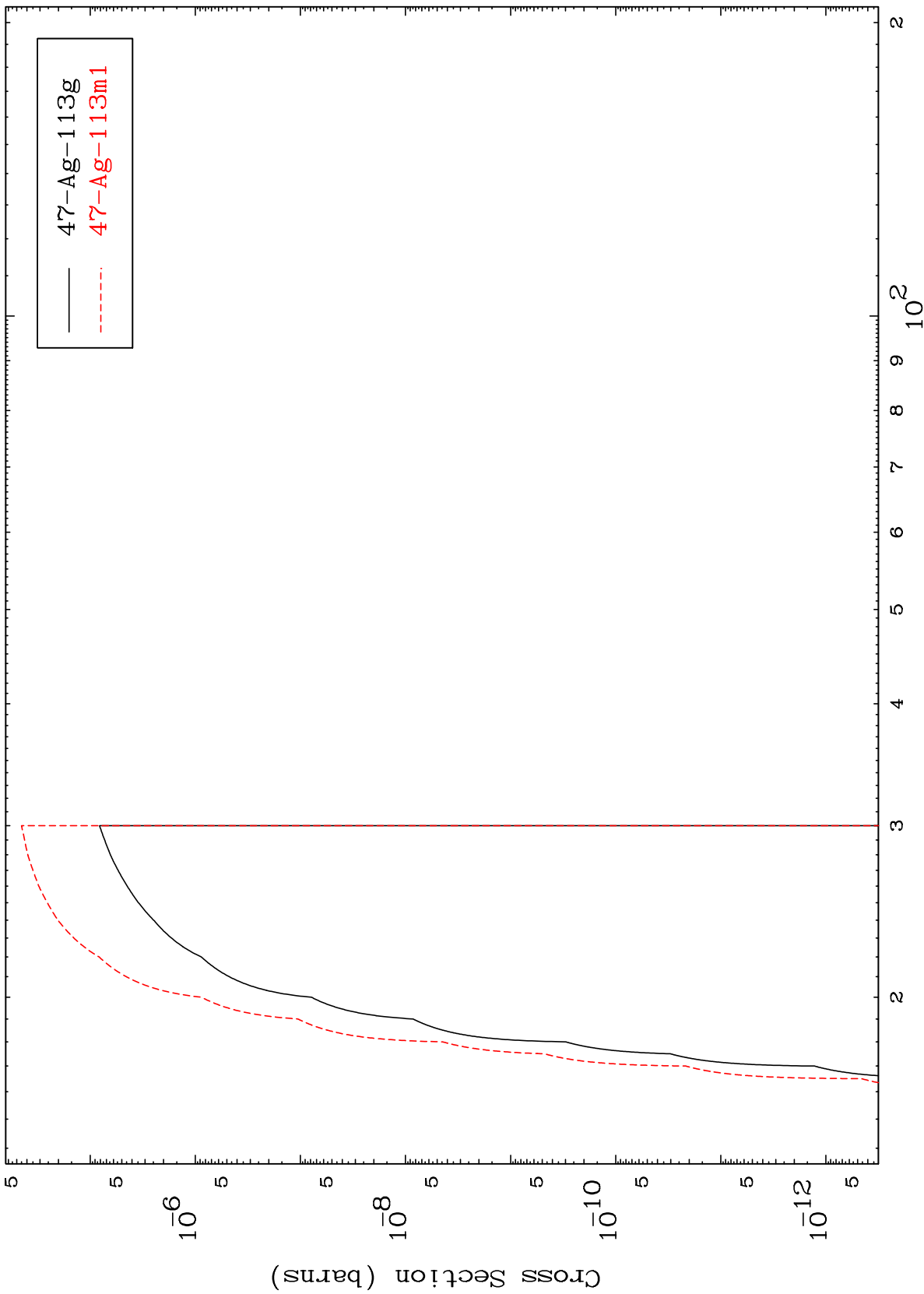
Incident Energy (MeV)

14

MAT 4853

48-Cd-115

(γ, d)
Radionuclide Production Cross Section



15

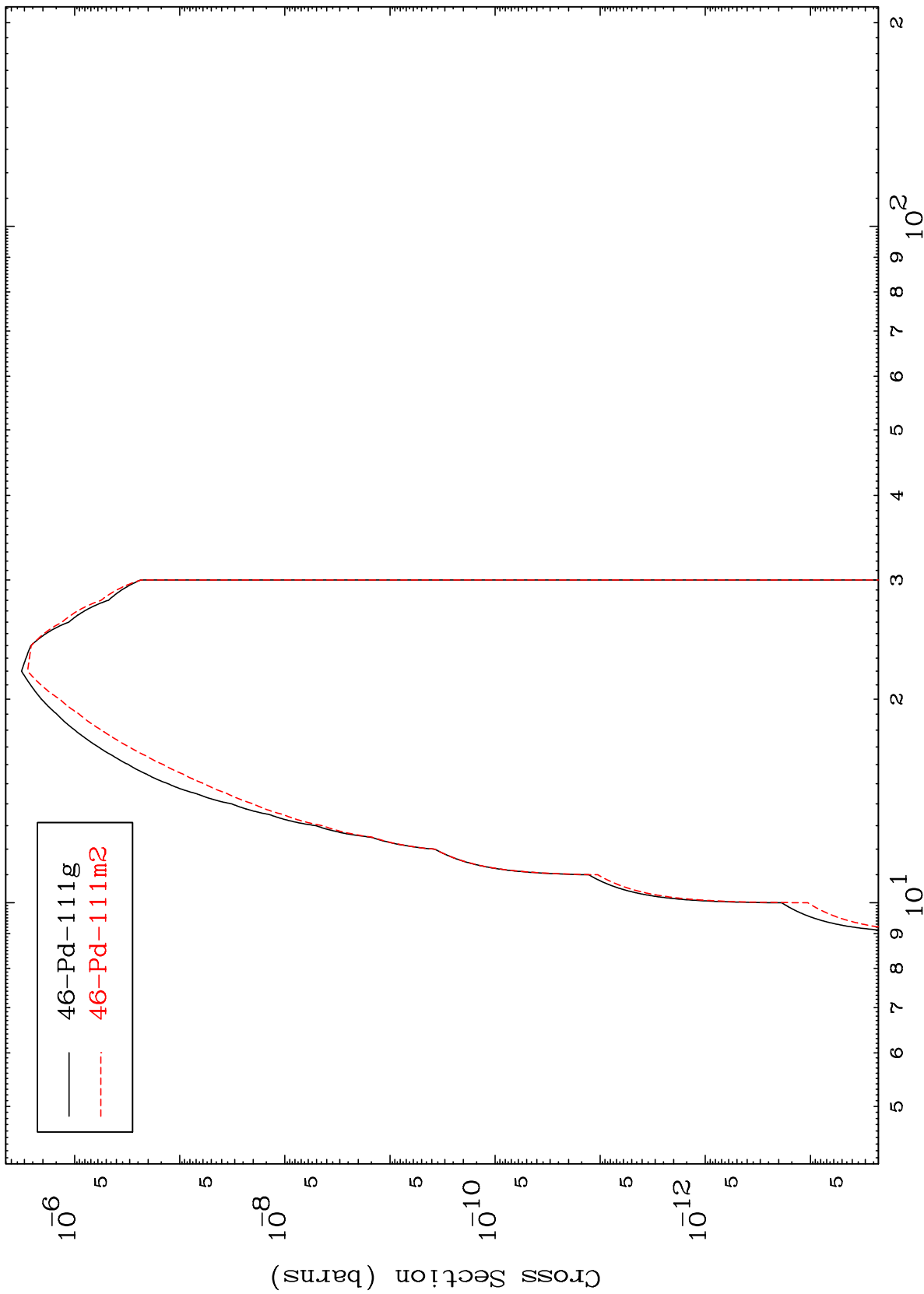
Incident Energy (MeV)

48-Cd-115

MAT 4853

48-Cd-115

Radionuclide Production Cross Section
(γ, α)



16

Incident Energy (MeV)

48-Cd-115