

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

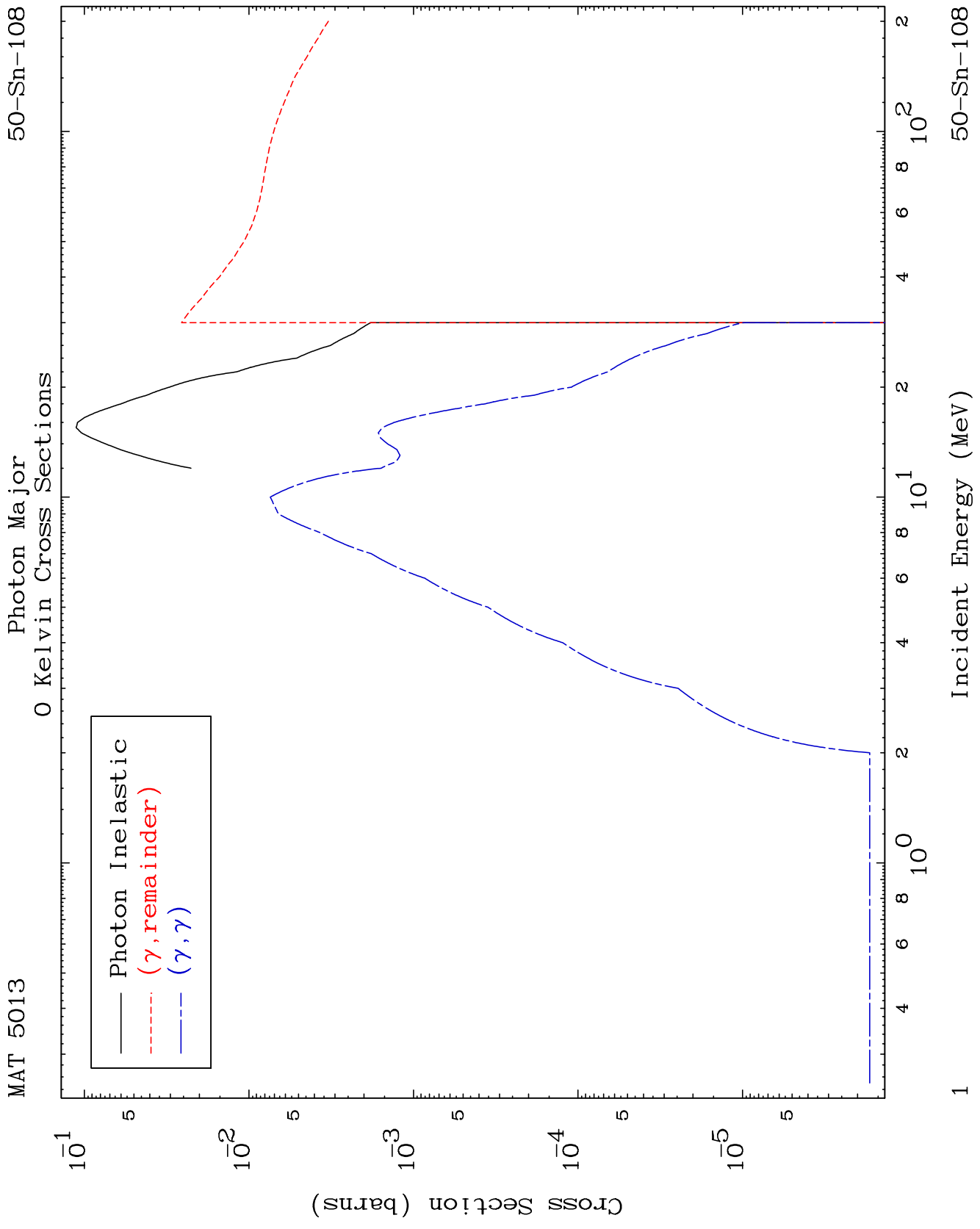
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Web:redcullen1.net/HOMEPAGE.NEW

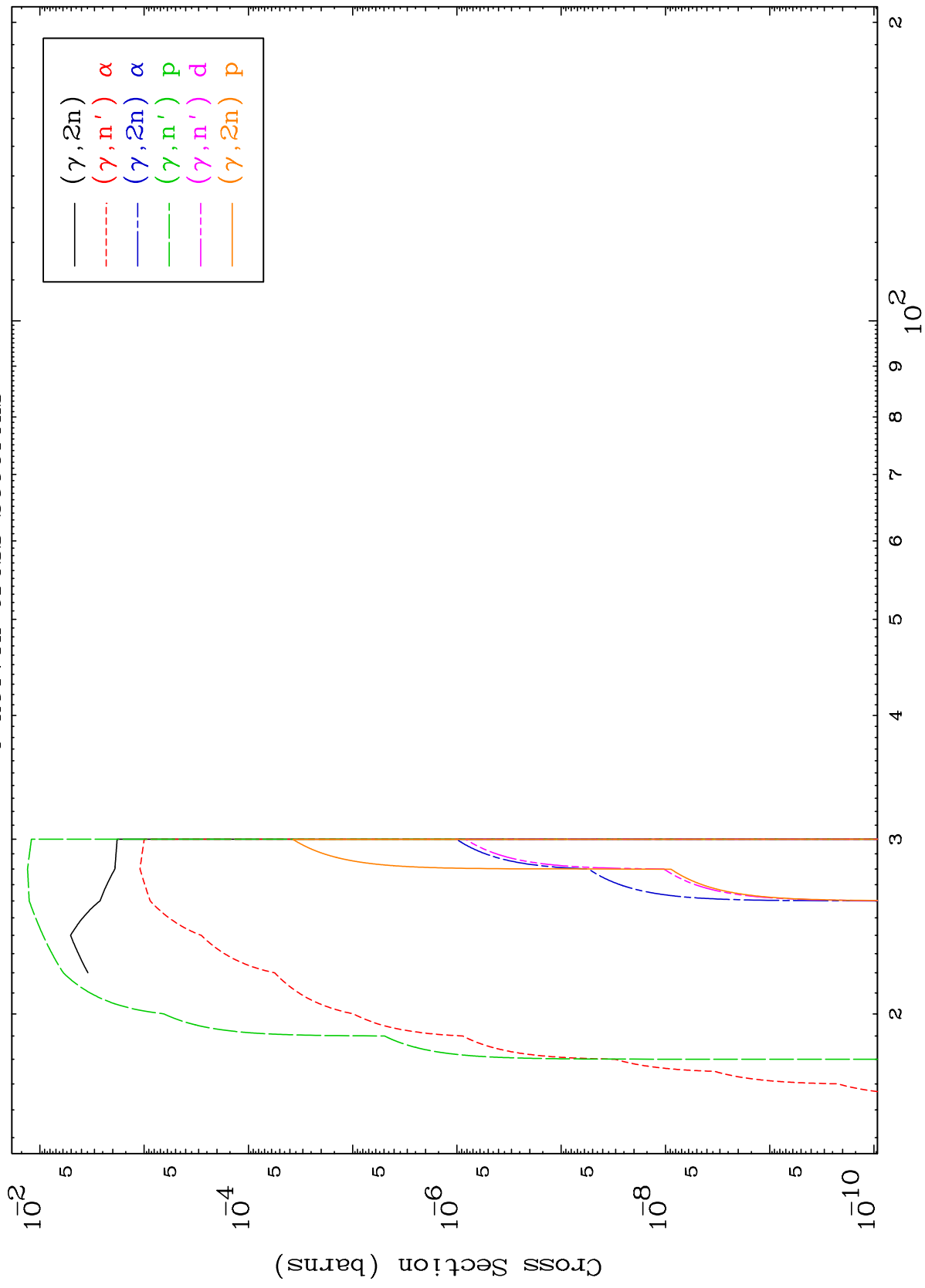
Press Mouse Button to Start



MAT 5013

Photon Neutron Production
0 Kelvin Cross Sections

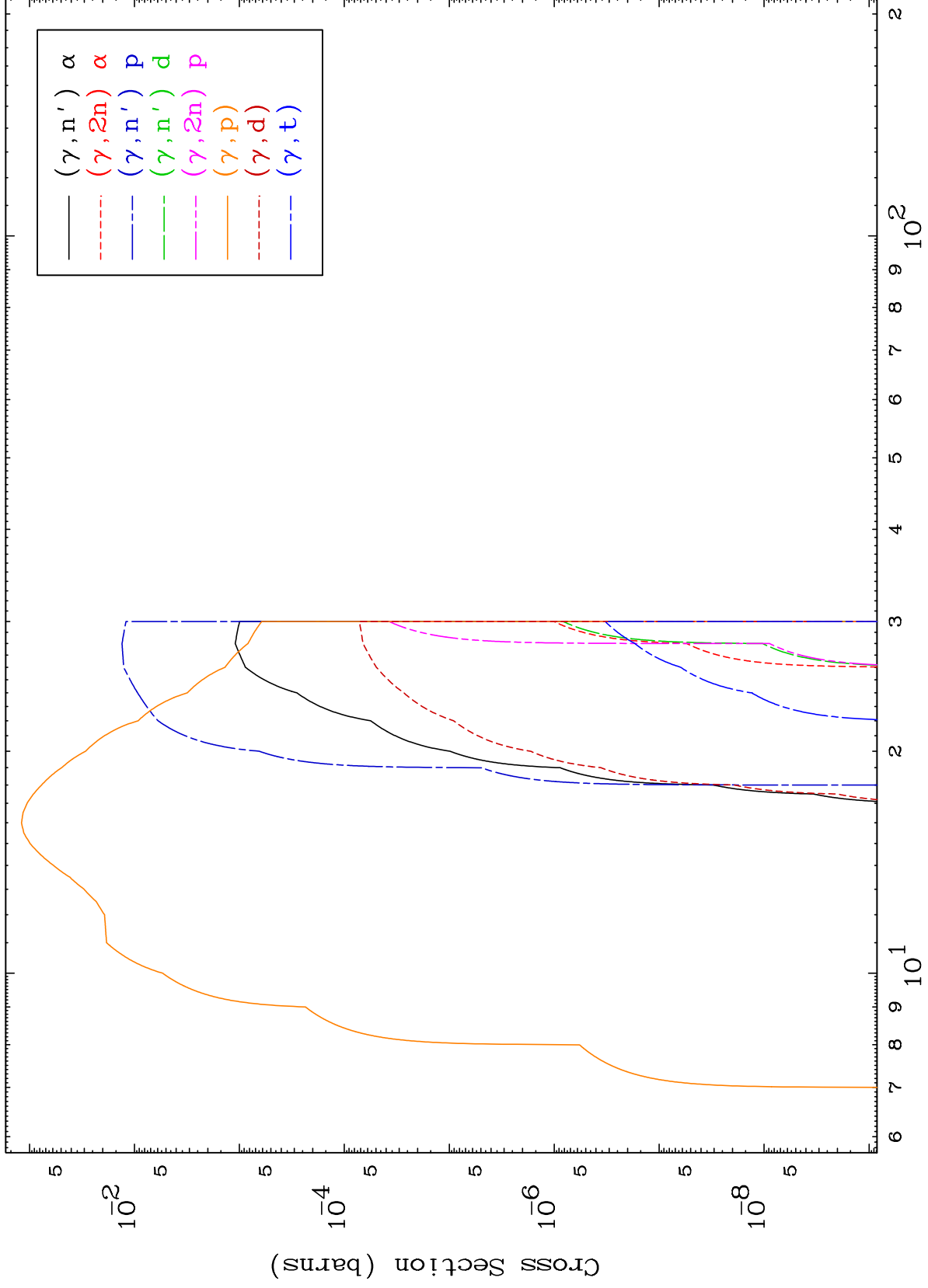
50-Sn-108



2

Incident Energy (MeV)

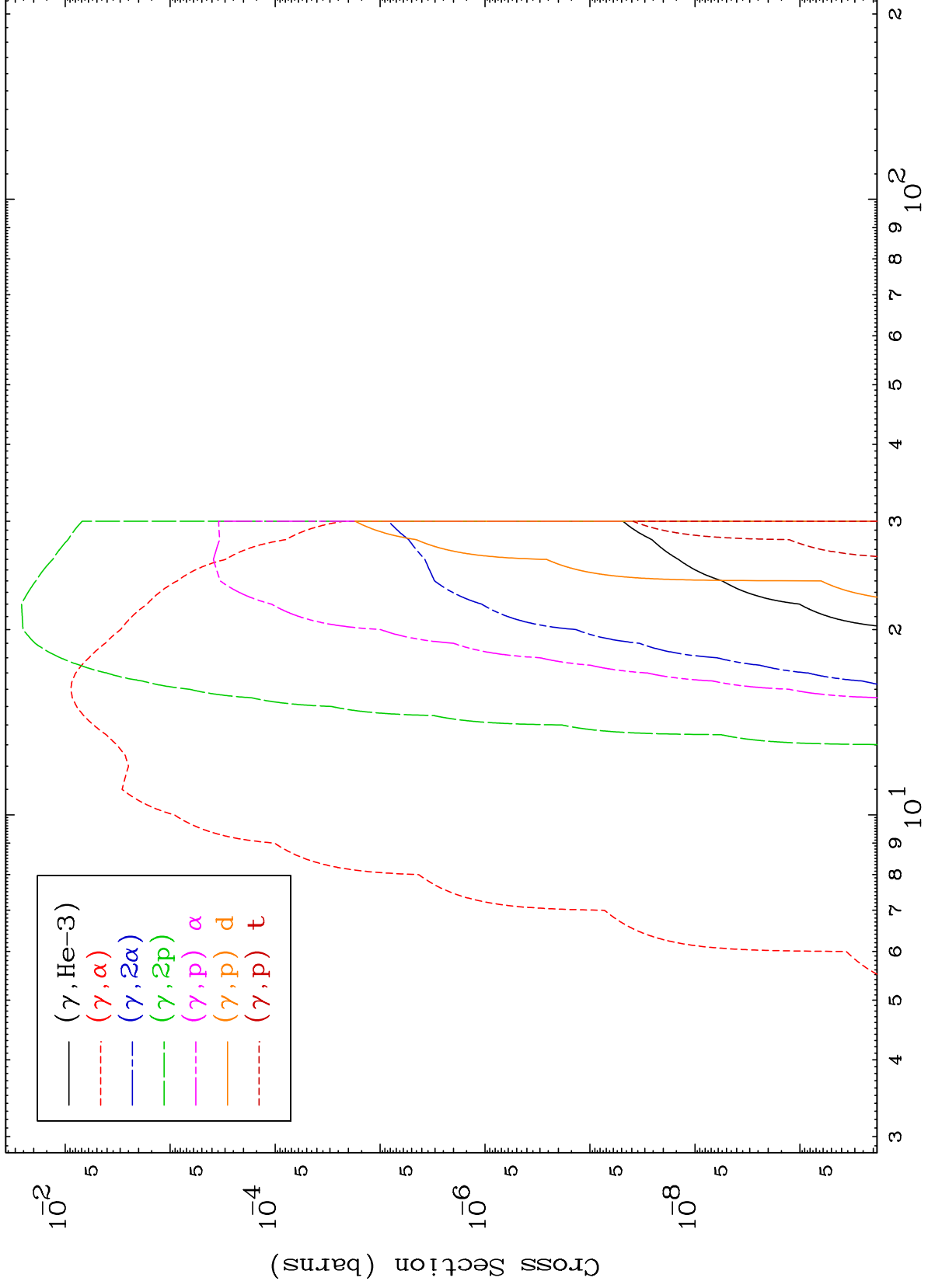
50-Sn-108



MAT 5013

Photon Charged Particle
0 Kelvin Cross Sections

50-Sn-108



50-Sn-108

Incident Energy (MeV)

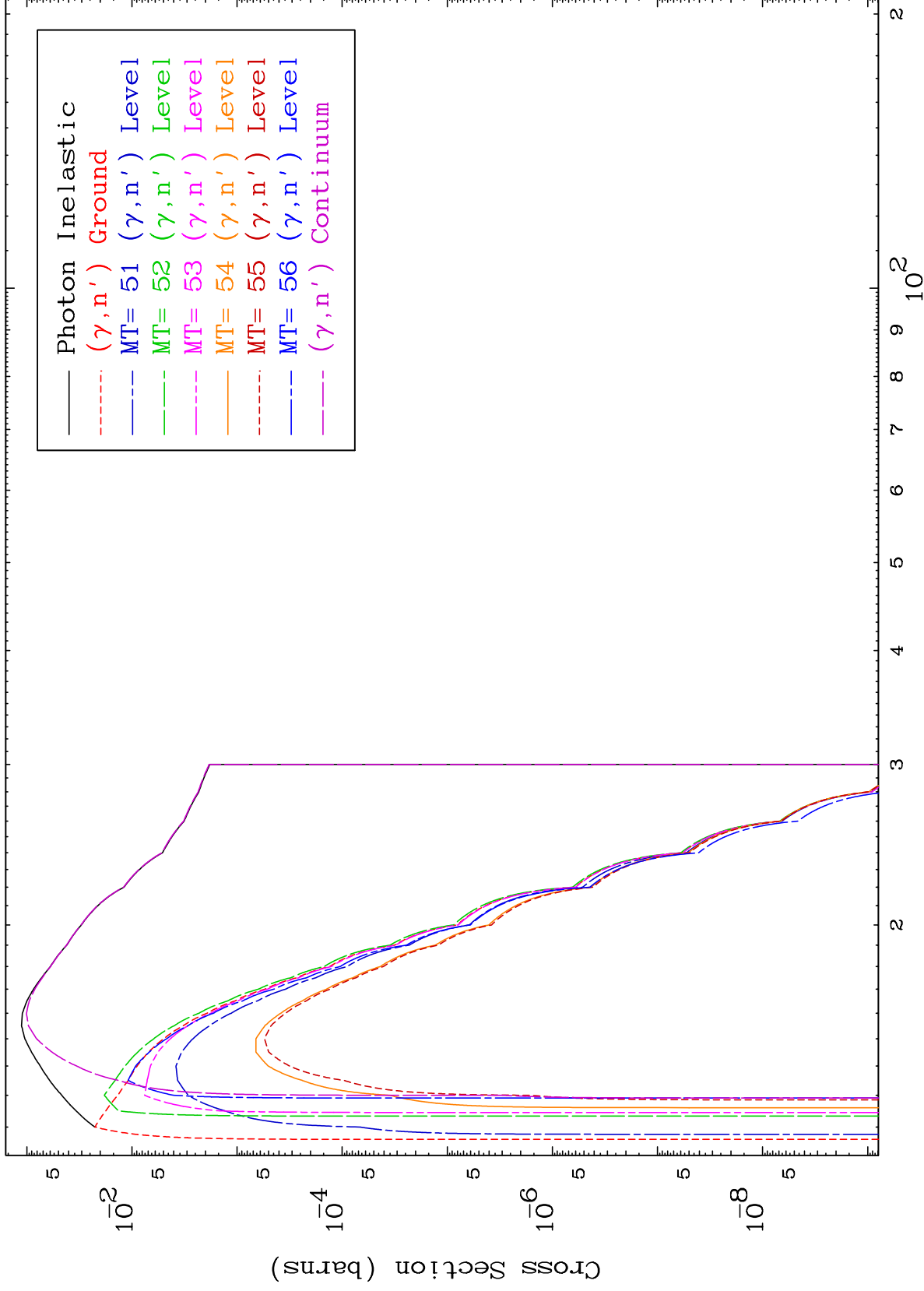
4

MAT 5013

(γ, n') Level

50-Sn-108

0 Kelvin Cross Sections



Incident Energy (MeV)

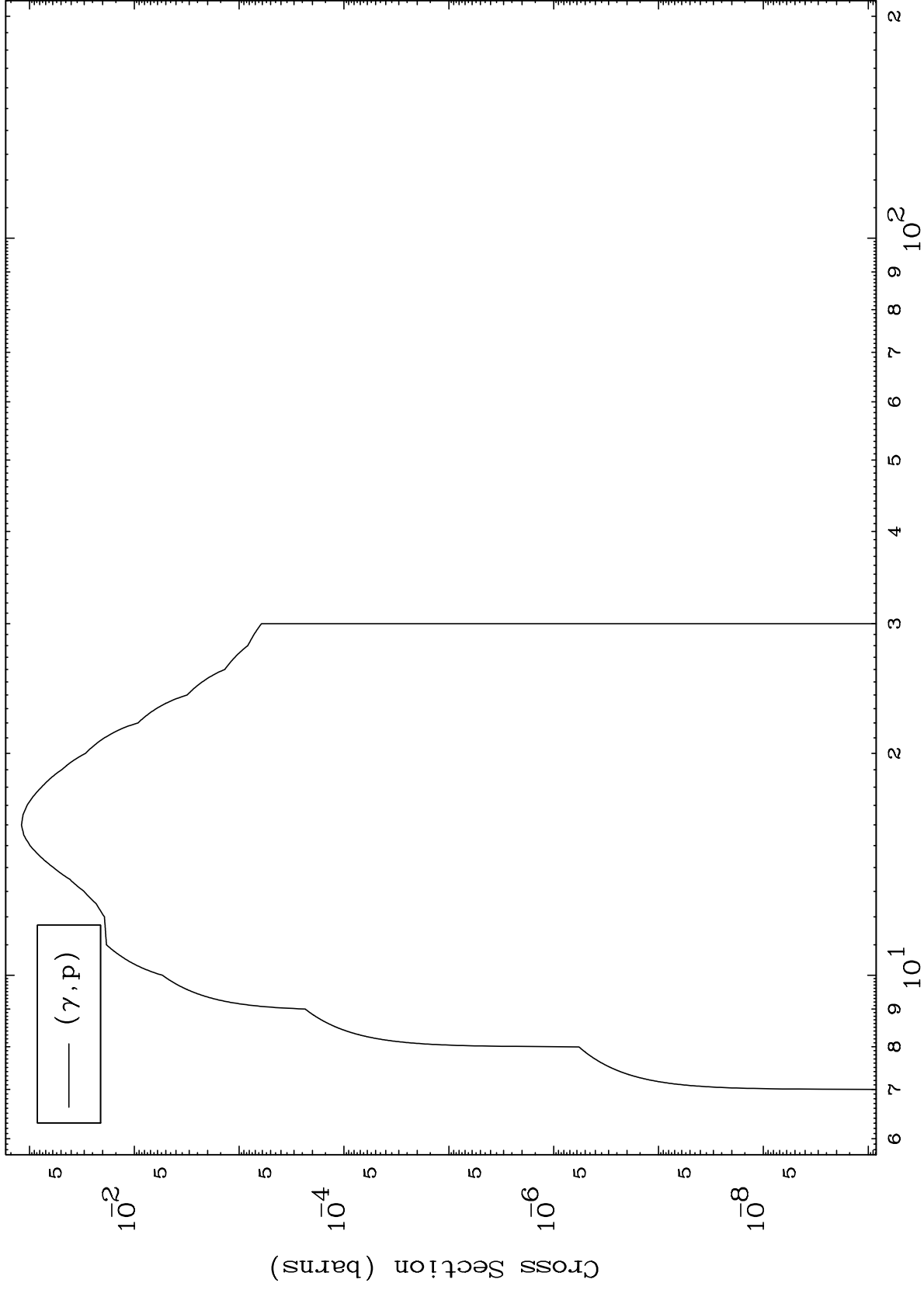
50-Sn-108

5

MAT 5013

(γ, p) Levels
0 Kelvin Cross Sections

50-Sn-108



6

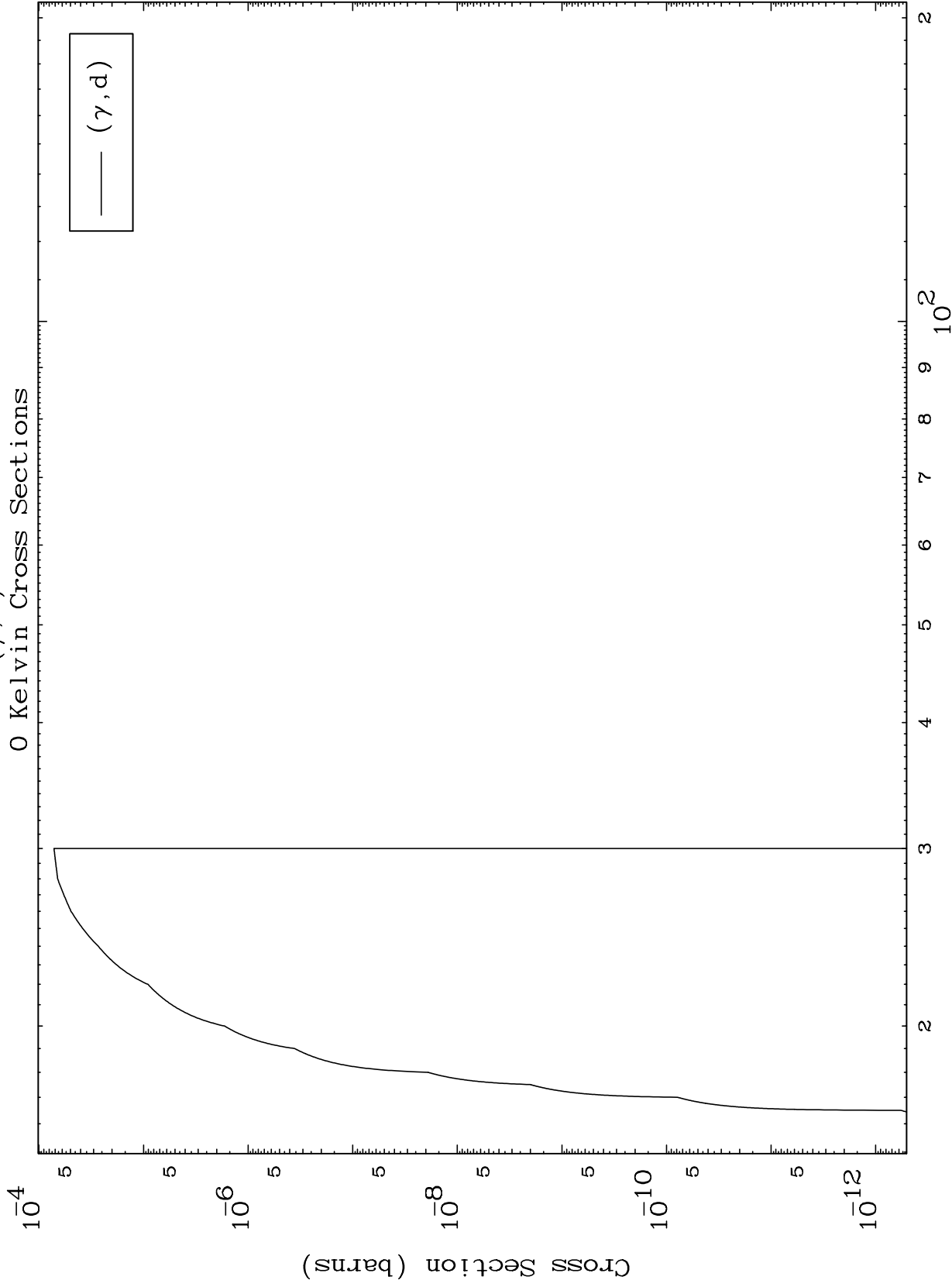
Incident Energy (MeV)

50-Sn-108

MAT 5013

(γ, d) Levels

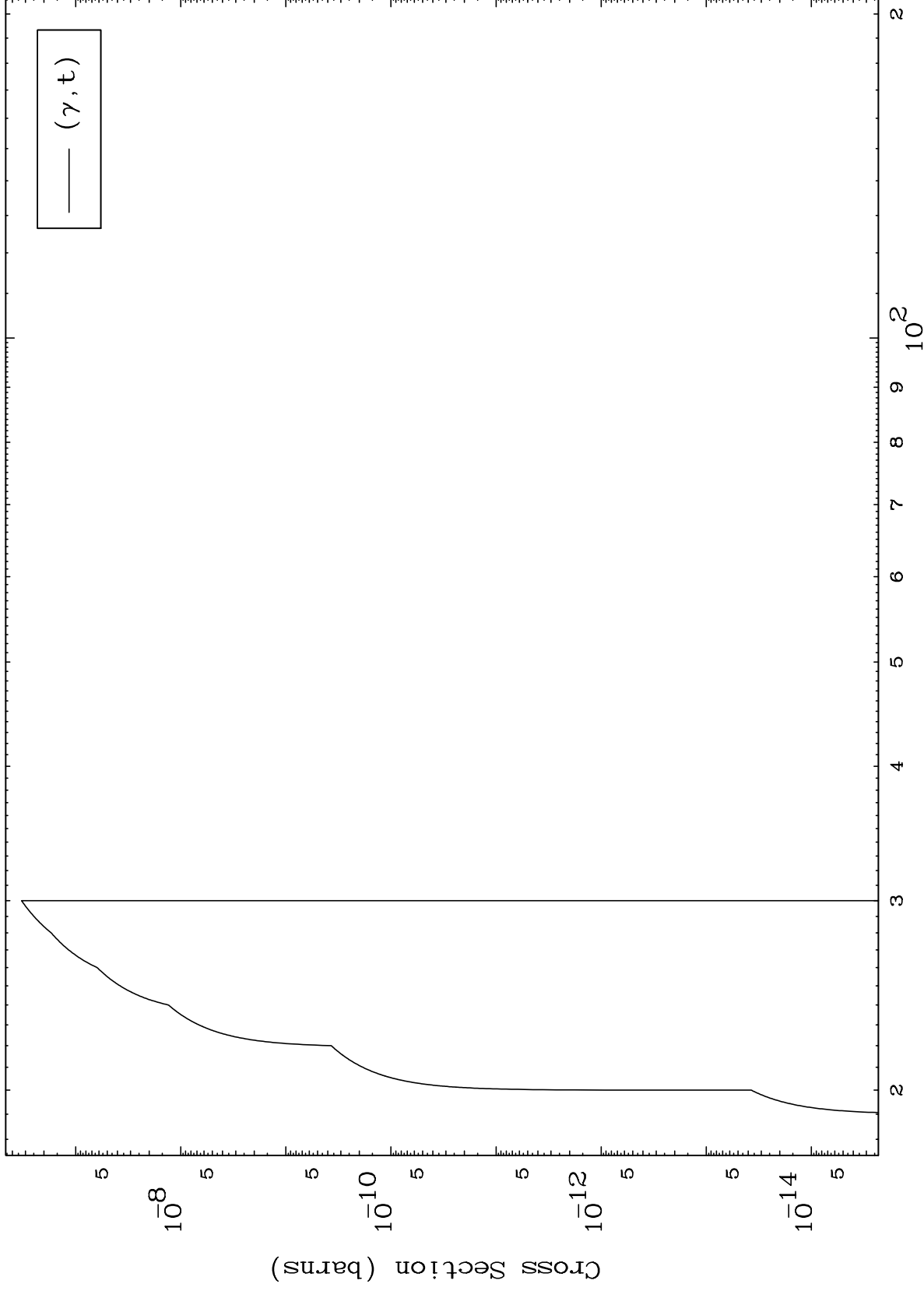
50-Sn-108



MAT 5013

(γ, t) Levels
0 Kelvin Cross Sections

50-Sn-108

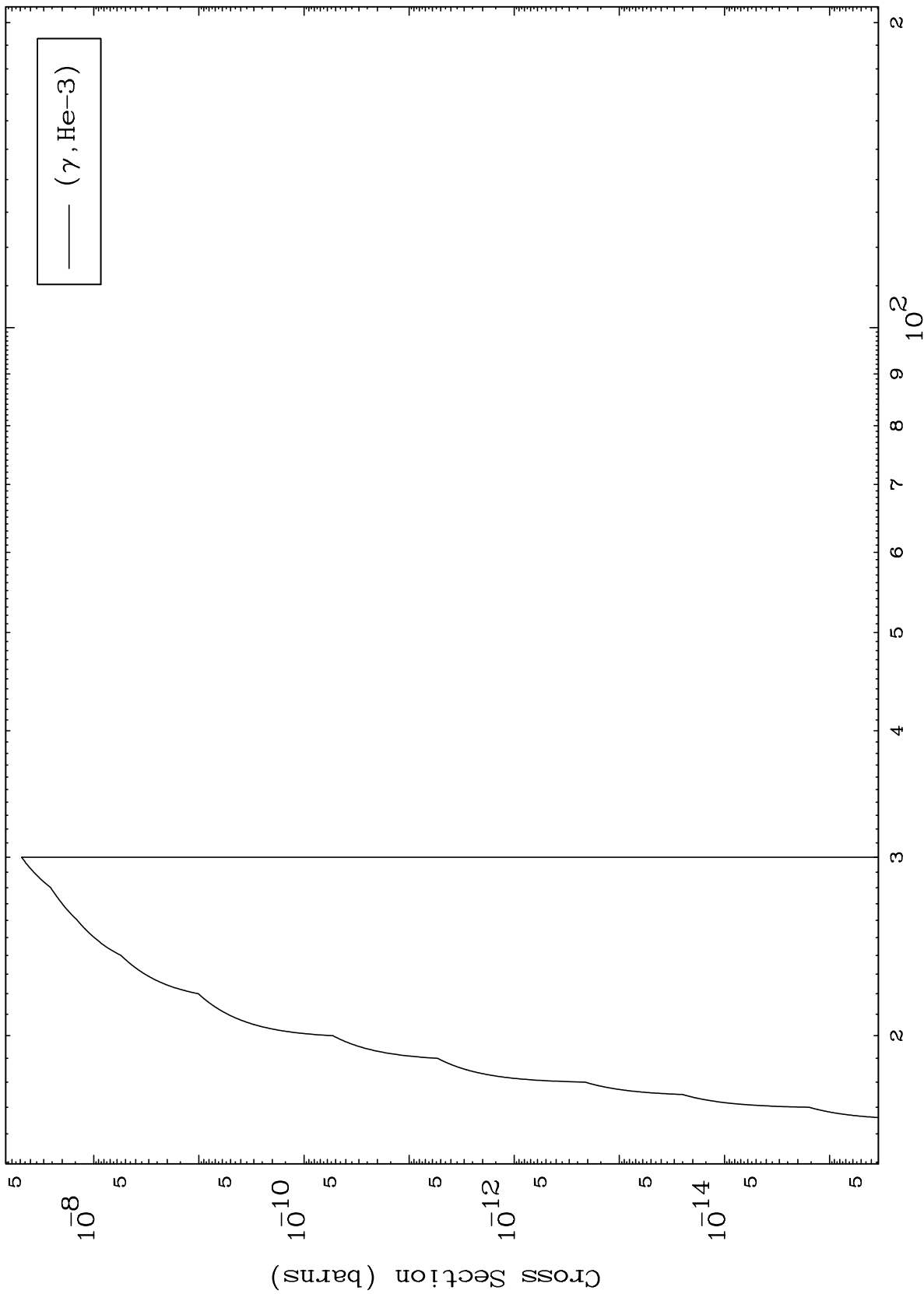


8

Incident Energy (MeV)

50-Sn-108

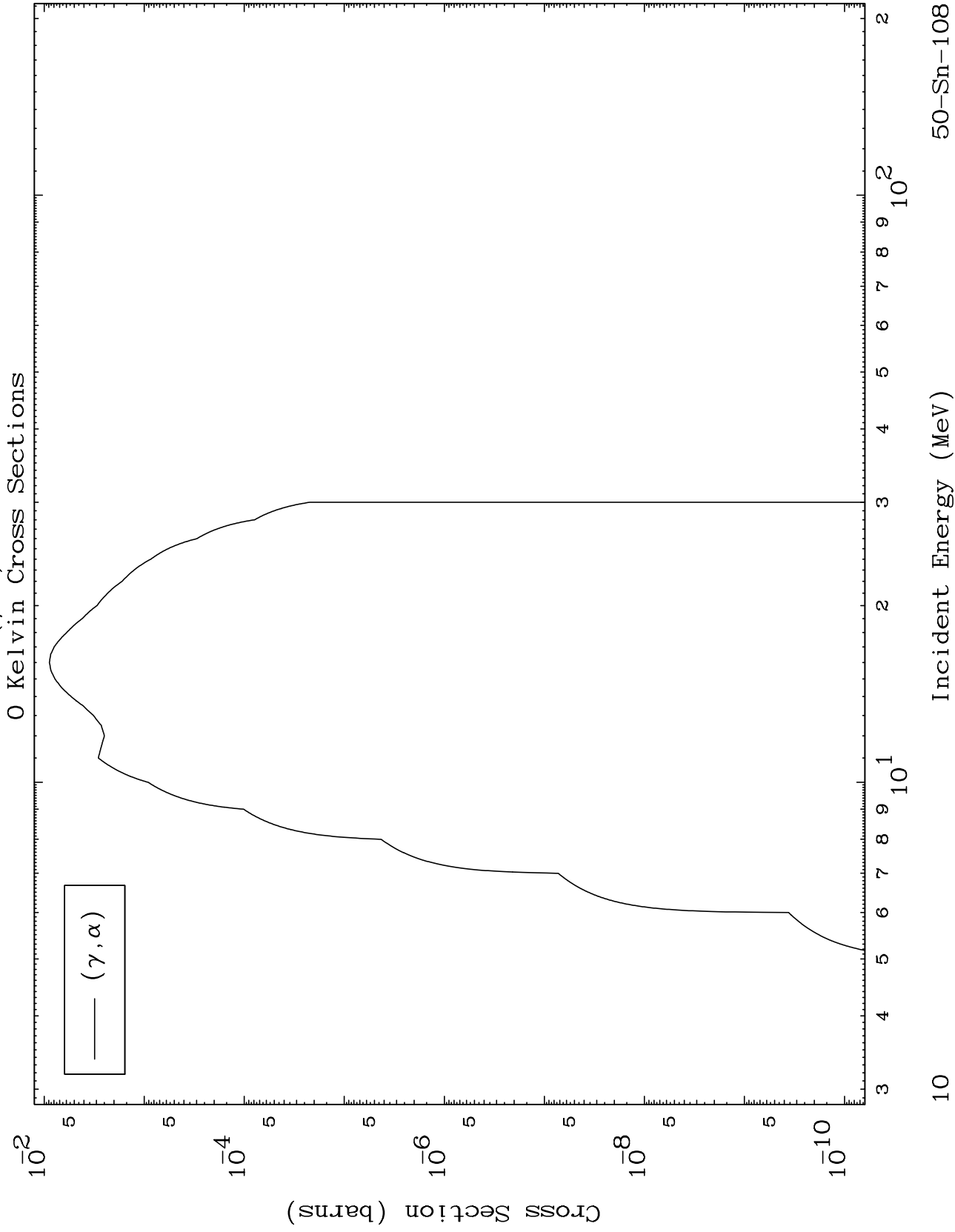
($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections



MAT 5013

(γ, α) Levels

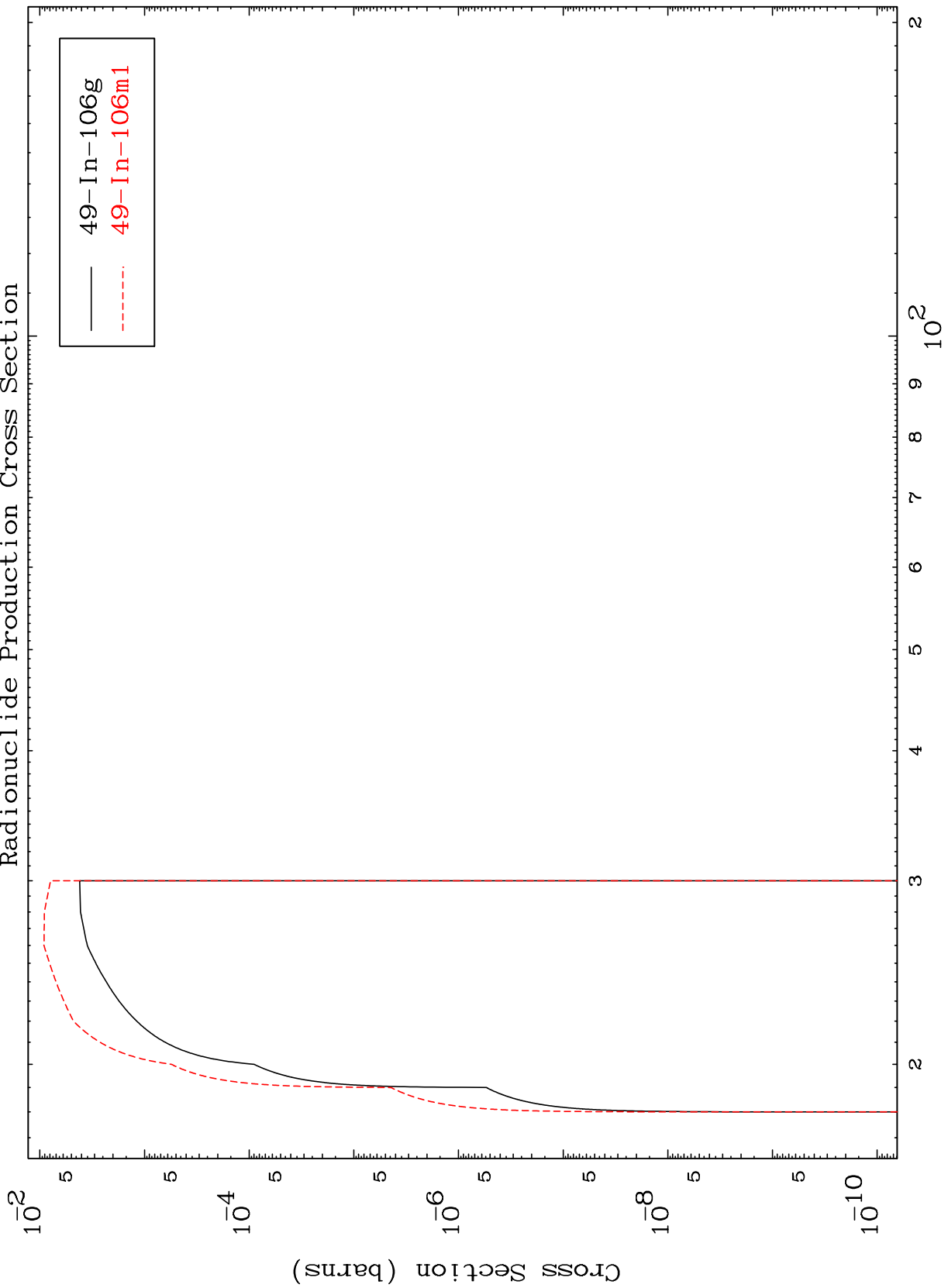
50-Sn-108



MAT 5013

50-Sn-108

(γ, n') p
Radionuclide Production Cross Section



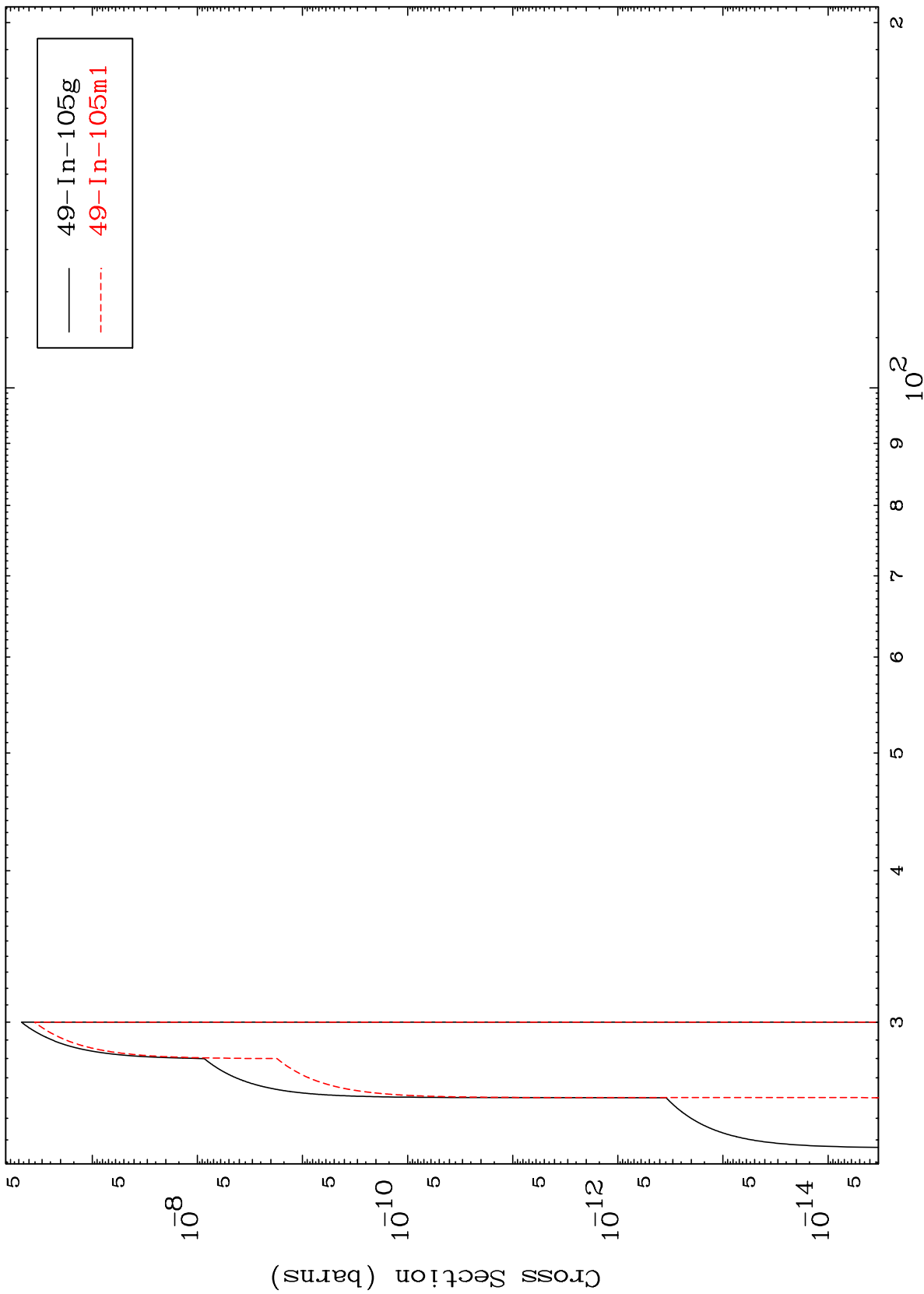
49-In-106g
49-In-106m1

50-Sn-108

Incident Energy (MeV)

11

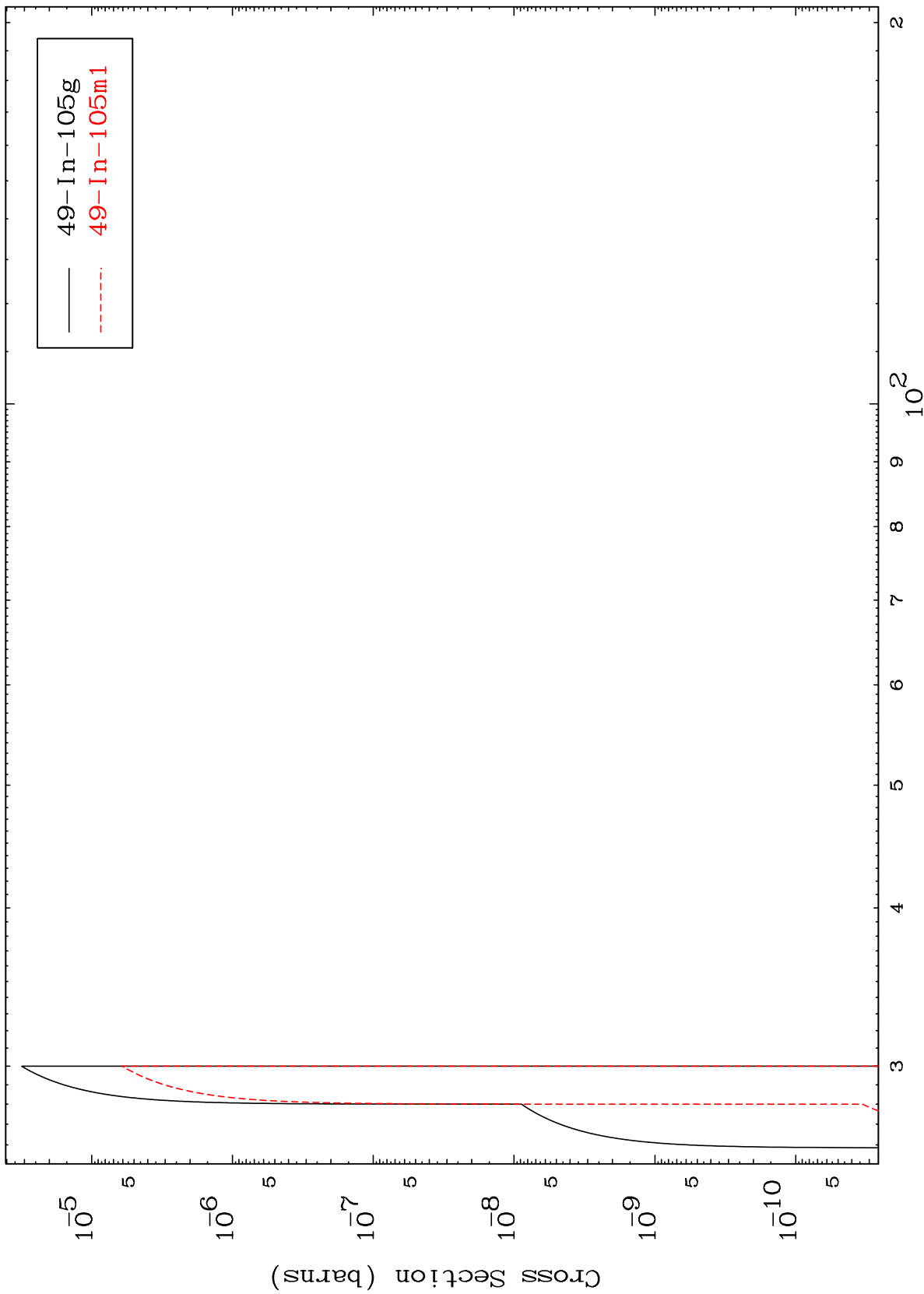
(γ, n') d
Radionuclide Production Cross Section



MAT 5013

50-Sn-108

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



50-Sn-108

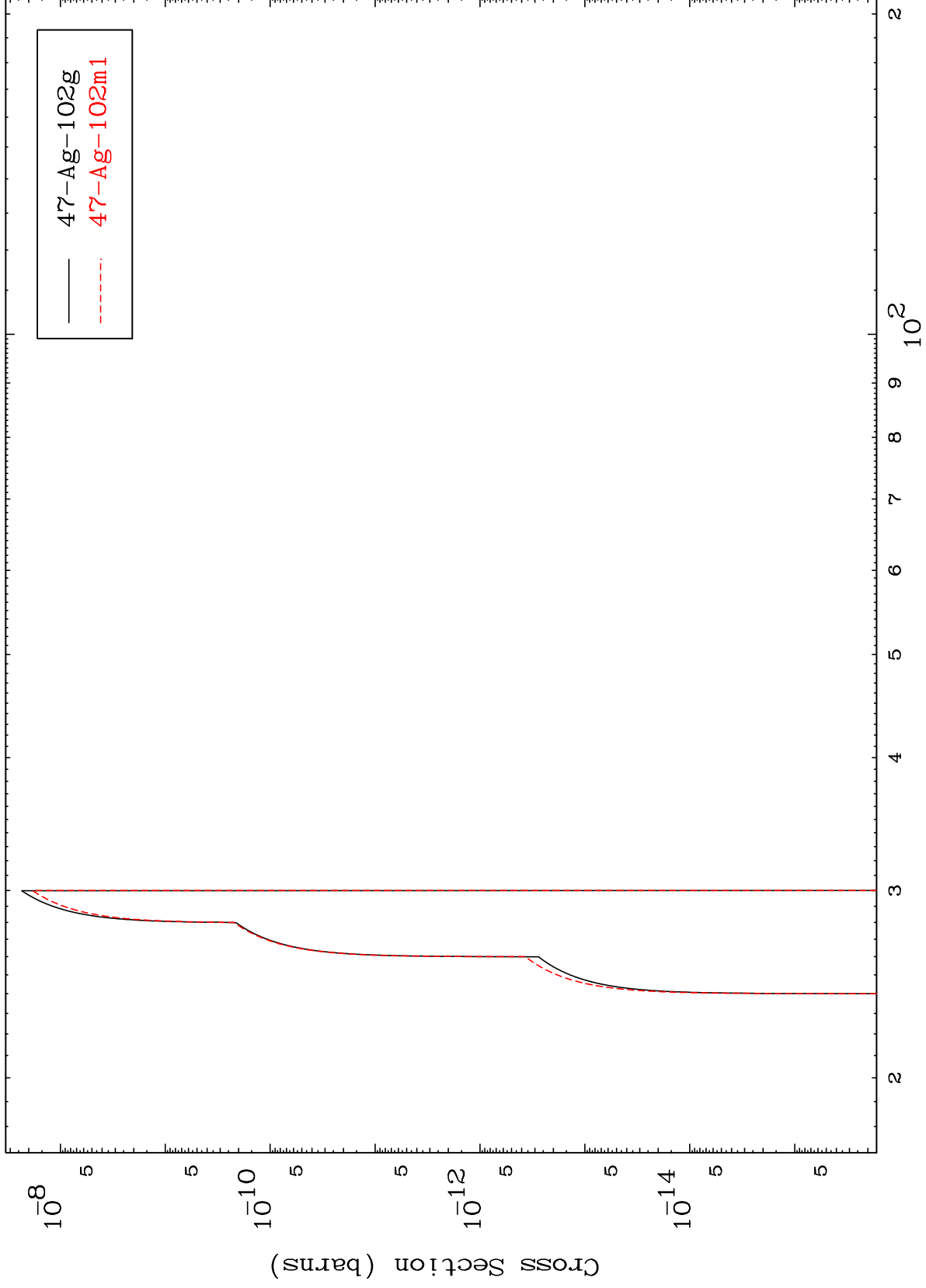
Incident Energy (MeV)

13

MAT 5013

50-Sn-108

(γ, n') p α
Radionuclide Production Cross Section



14

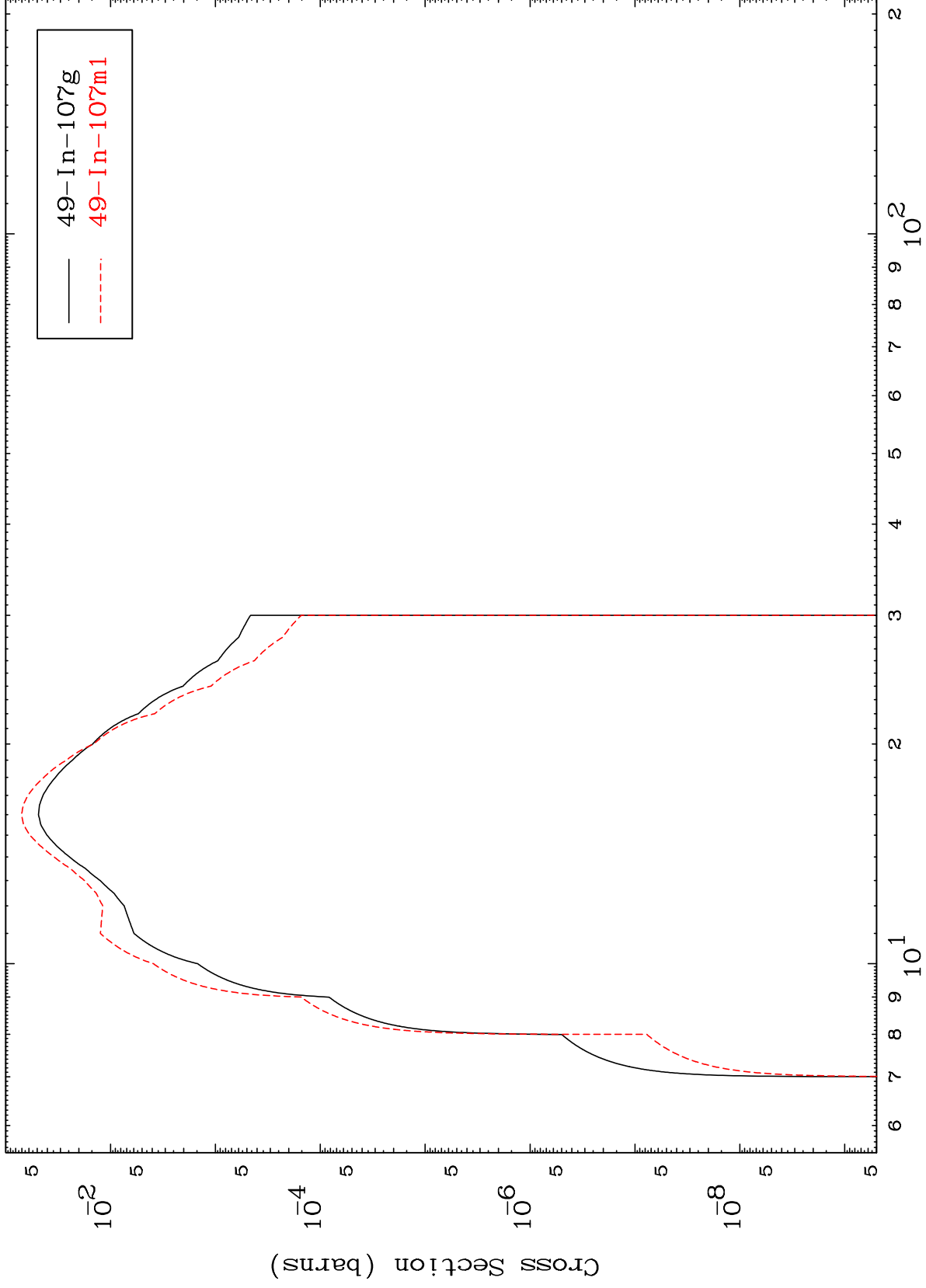
Incident Energy (MeV)

50-Sn-108

MAT 5013

50-Sn-108

(γ, p)
Radionuclide Production Cross Section

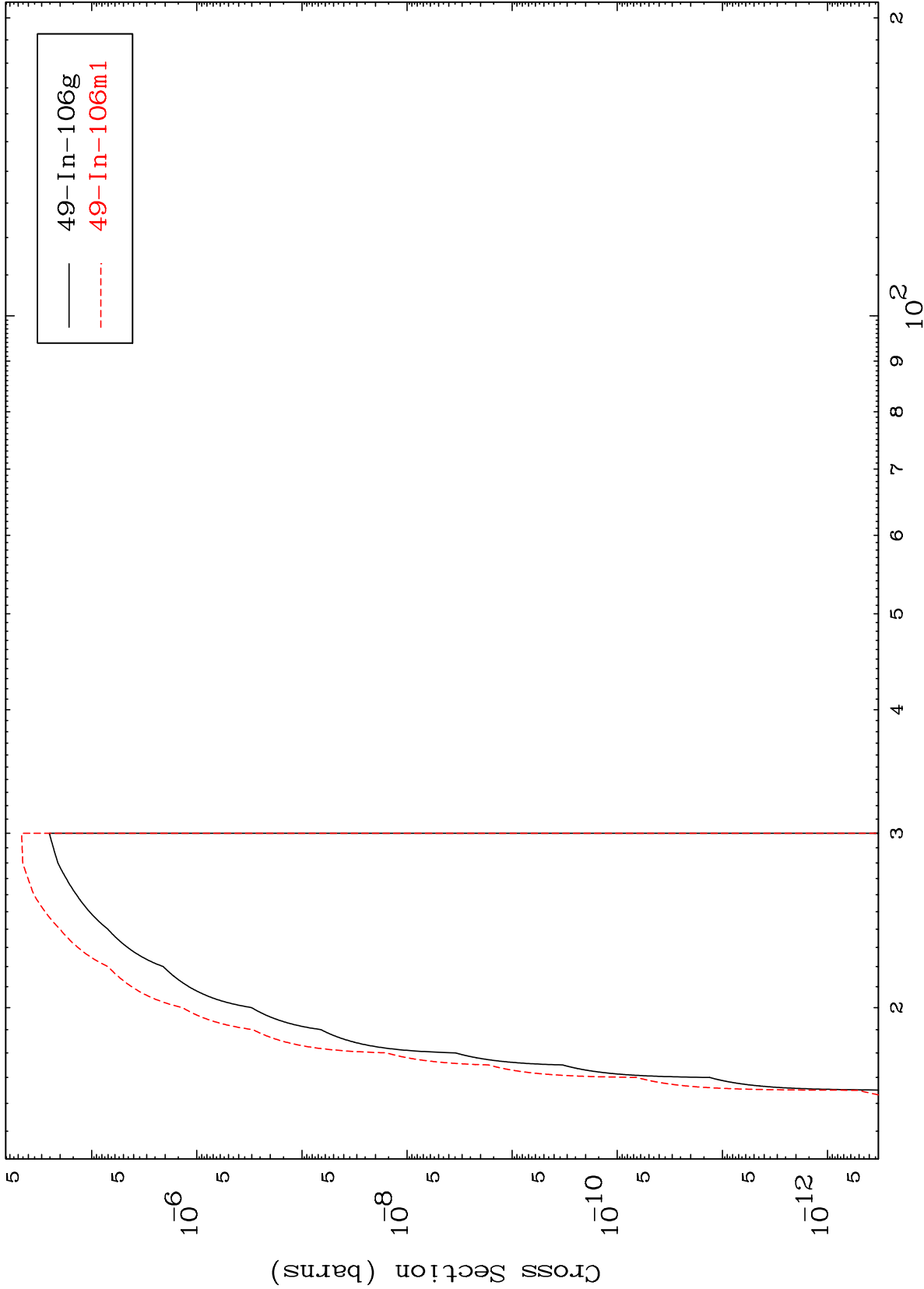


50-Sn-108

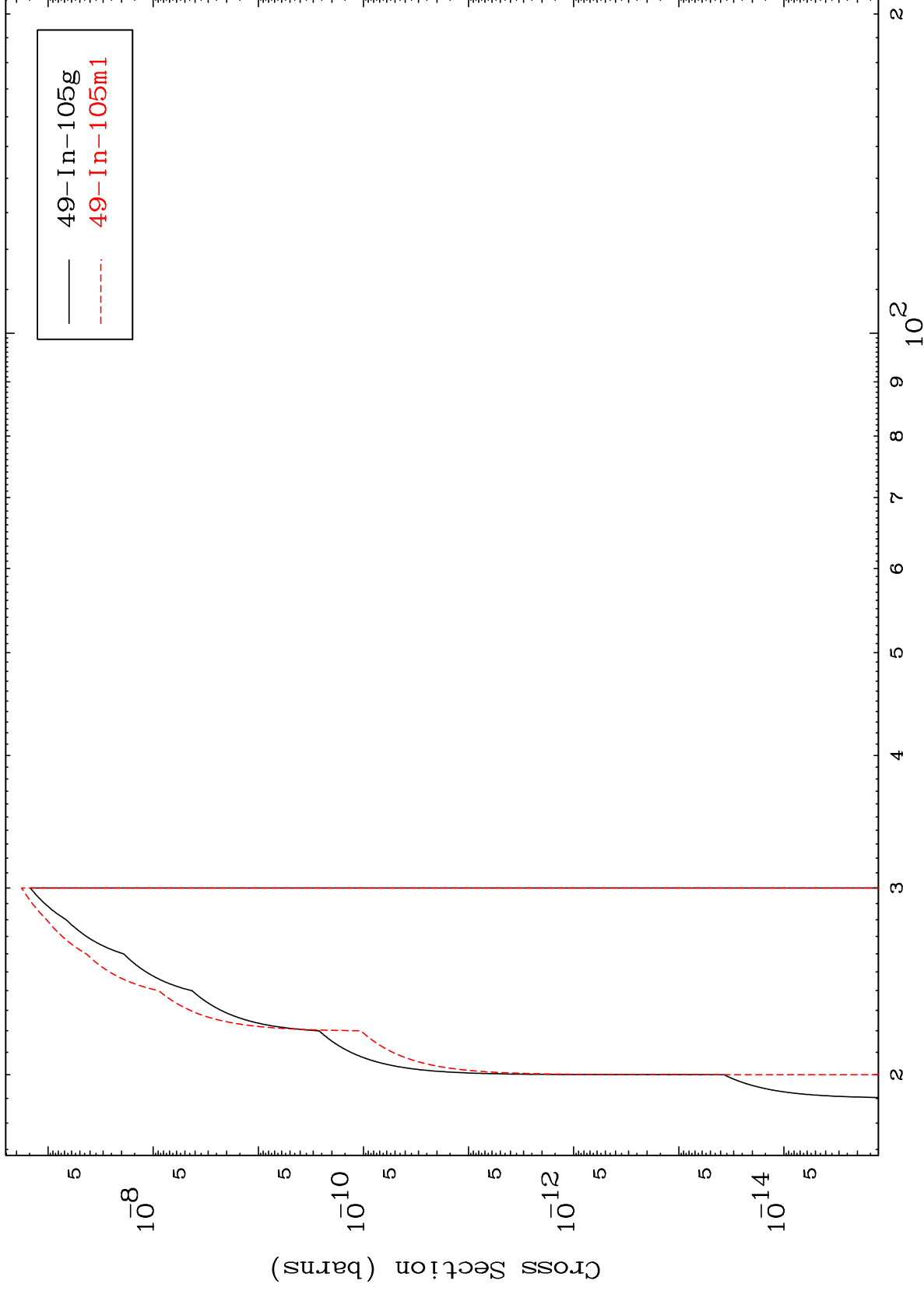
Incident Energy (MeV)

15

(γ, d)
Radionuclide Production Cross Section



(γ, t)
Radionuclide Production Cross Section

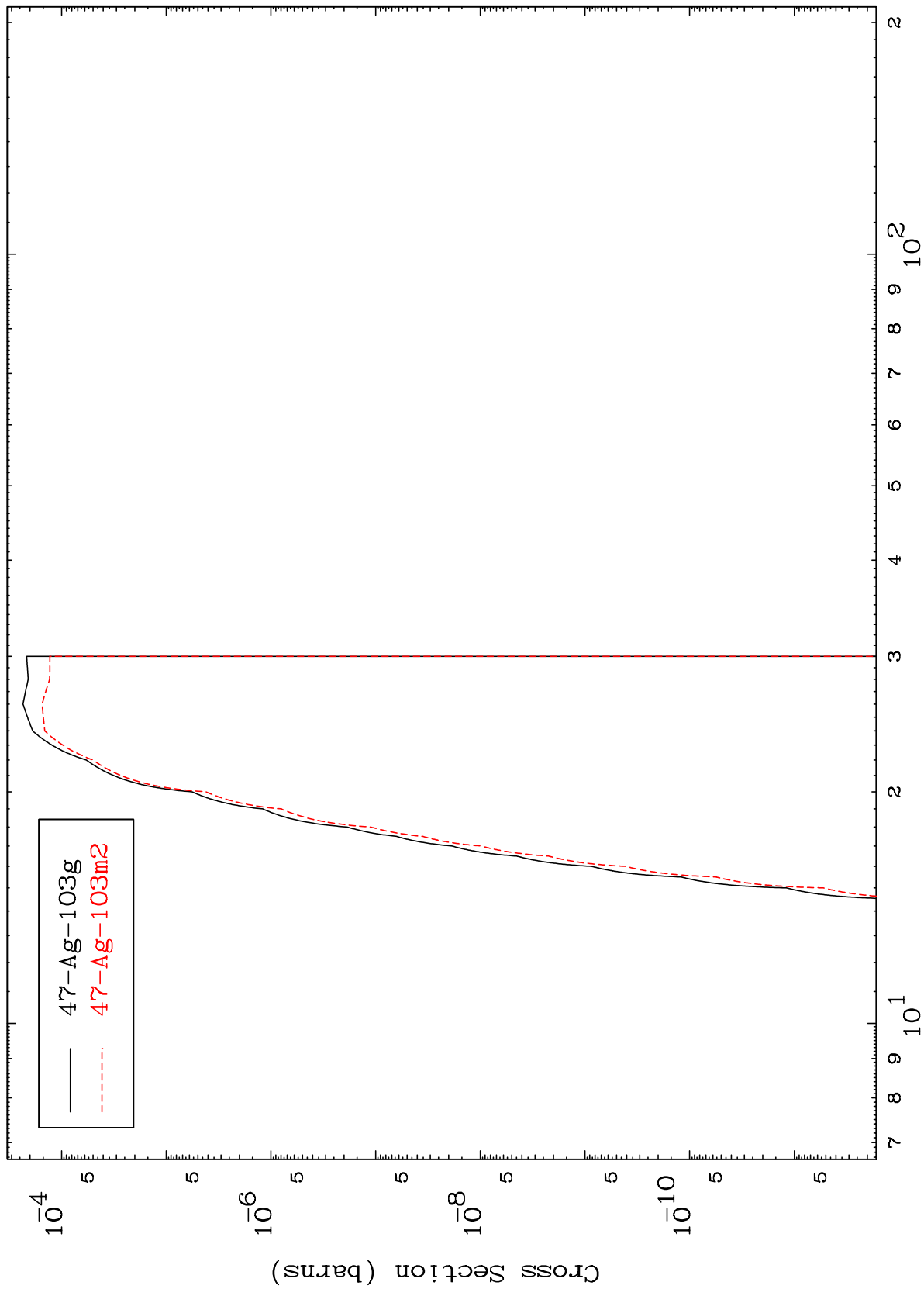


MAT 5013

(γ, p) α

50-Sn-108

Radionuclide Production Cross Section



18

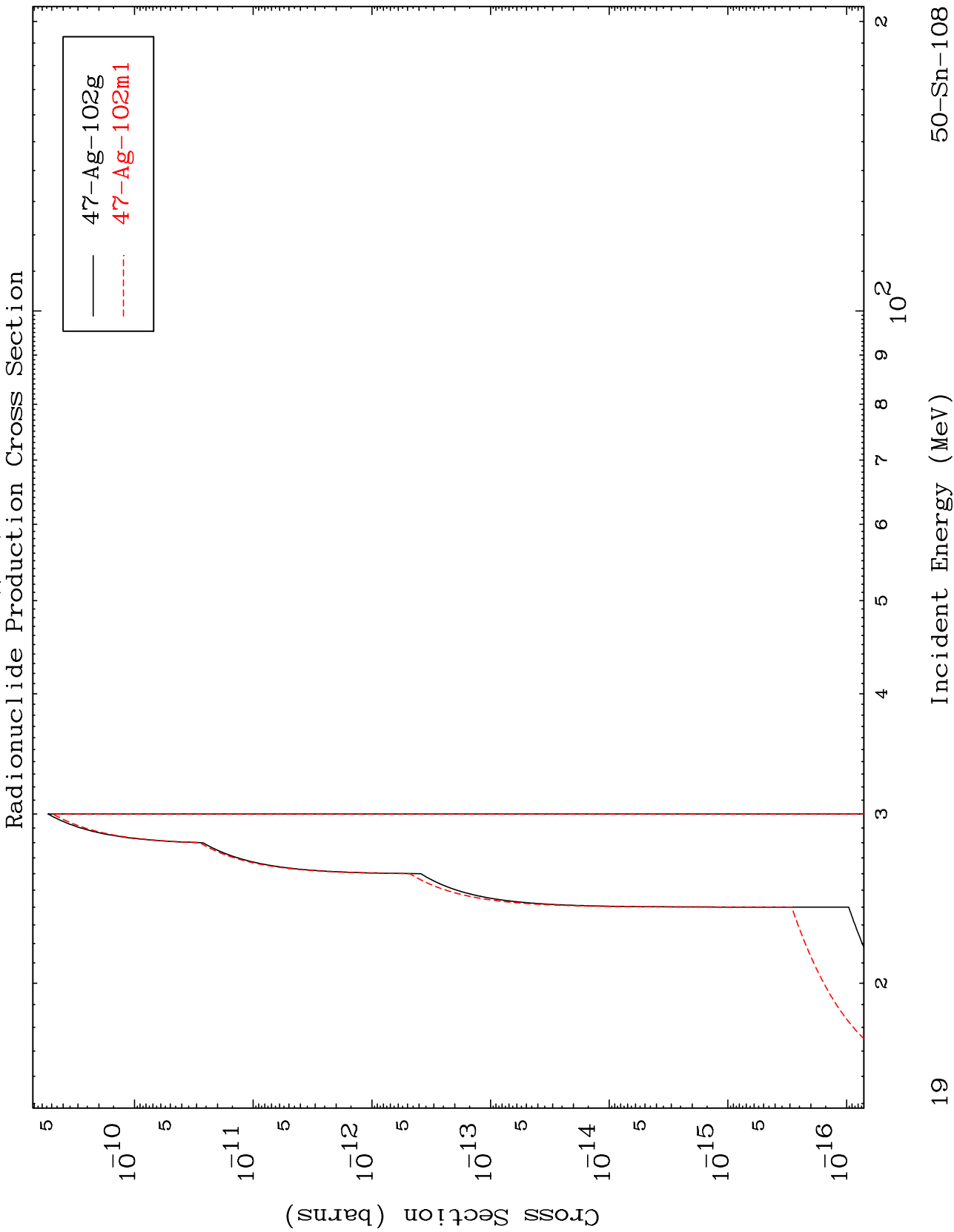
Incident Energy (MeV)

50-Sn-108

MAT 5013

(γ, d) α

50-Sn-108



19

Incident Energy (MeV)

50-Sn-108