

Program EVALPLOT
(Version 2017-1)

by

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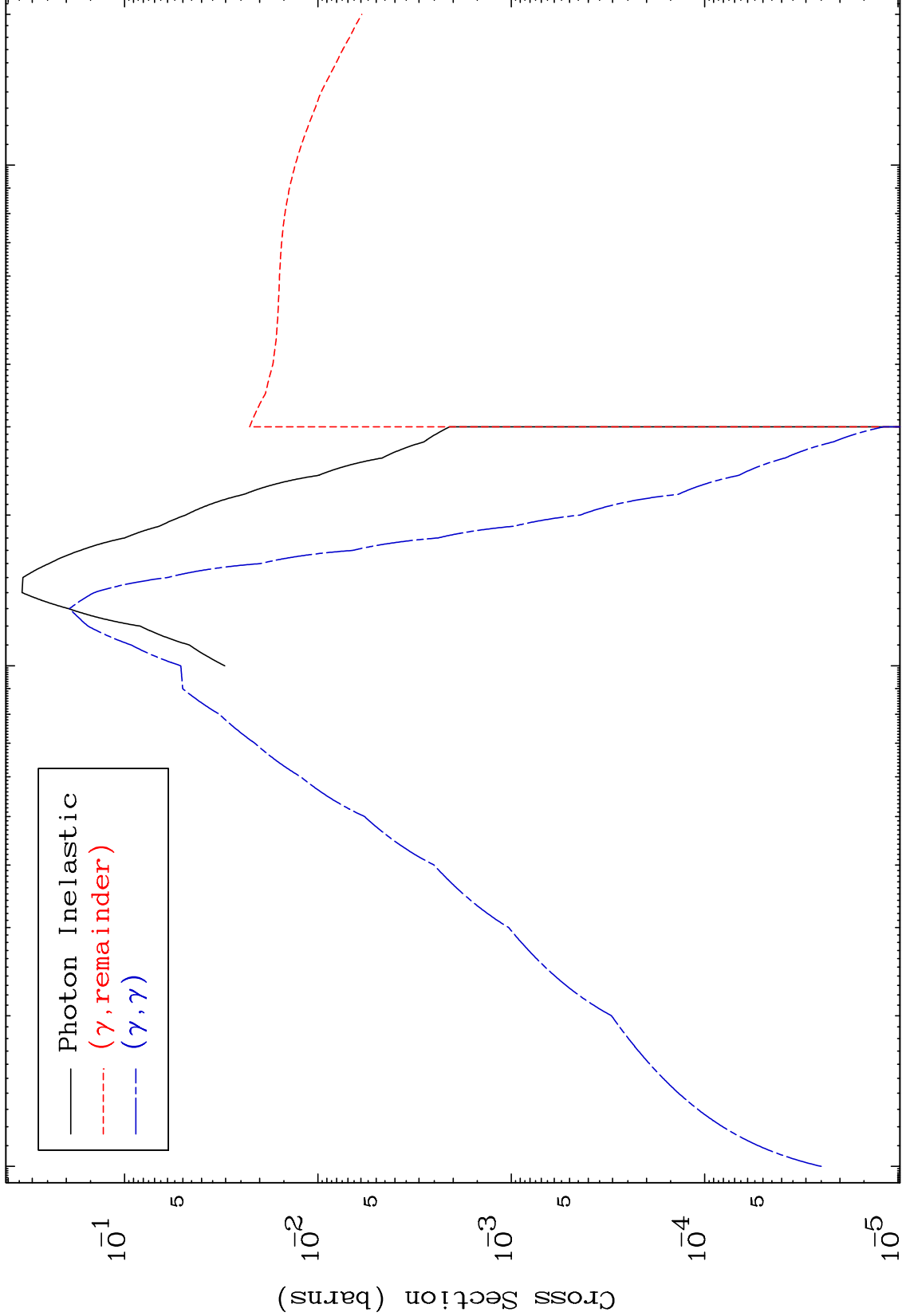
Press Mouse Button to Start

MAT 8013

Photon Major

80-Hg-192

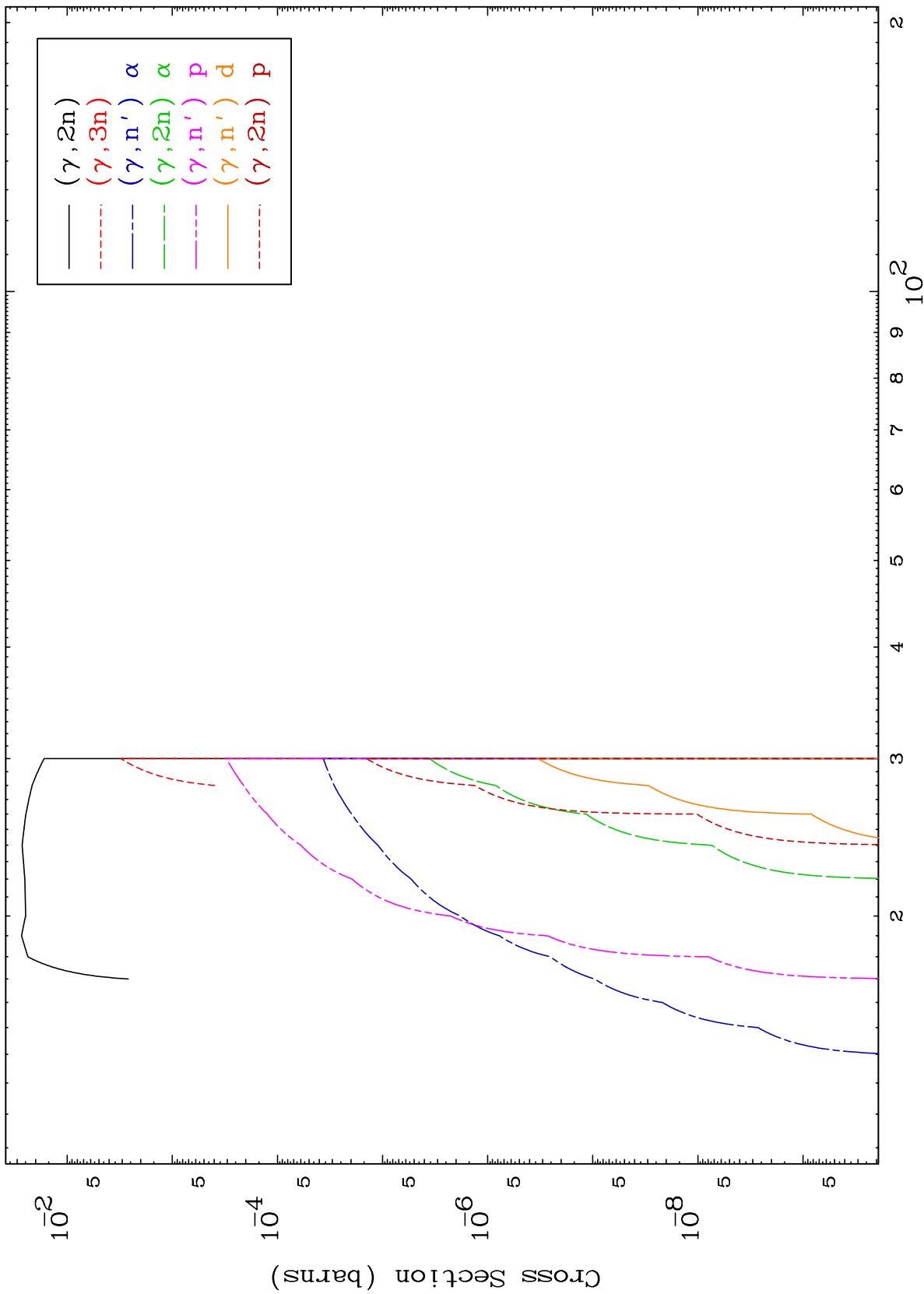
0 Kelvin Cross Sections



— Photon Inelastic
- - - $(\gamma, \text{remainder})$
- . - (γ, γ)

Incident Energy (MeV)

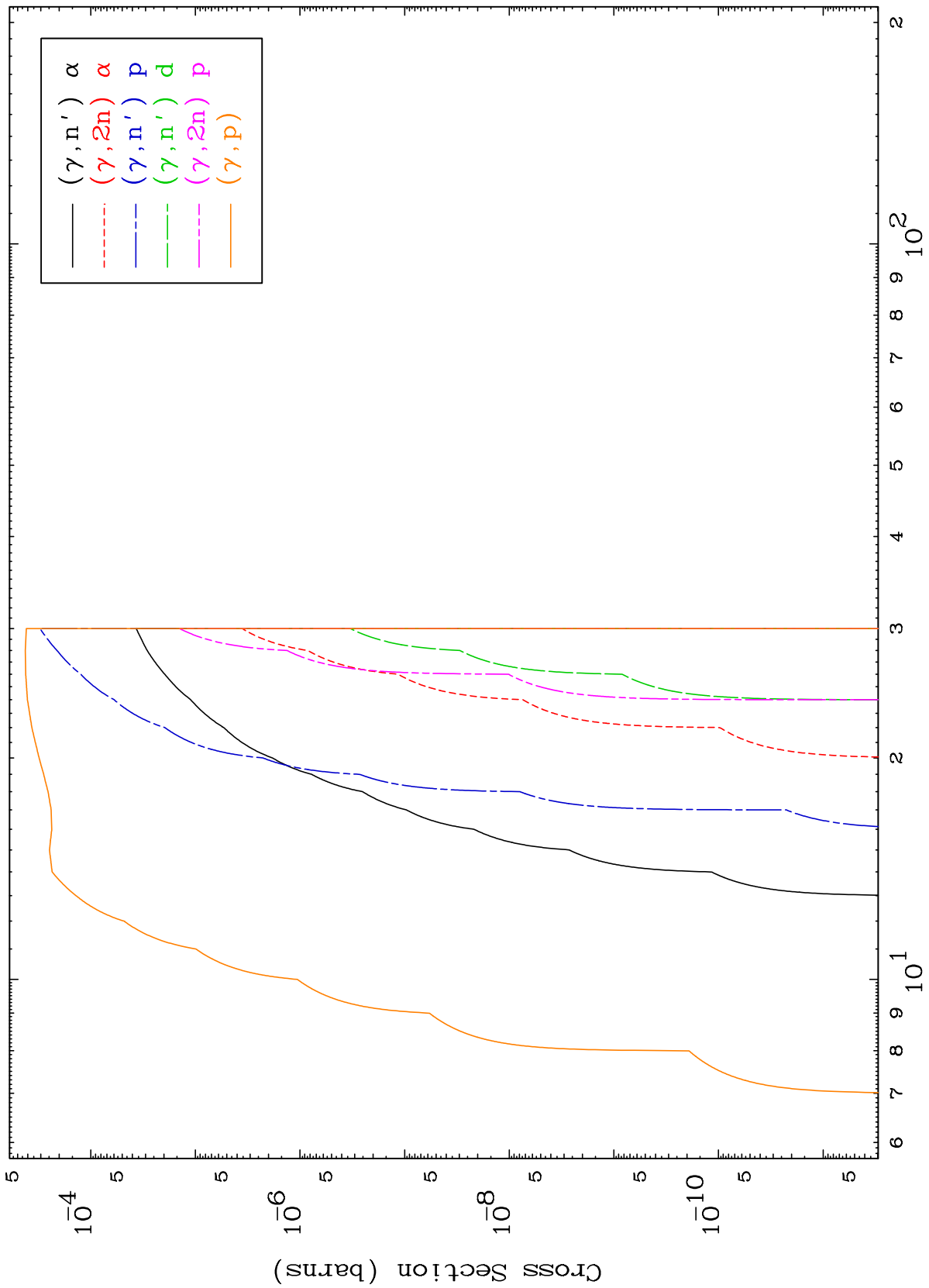
80-Hg-192



MAT 8013

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-192



3

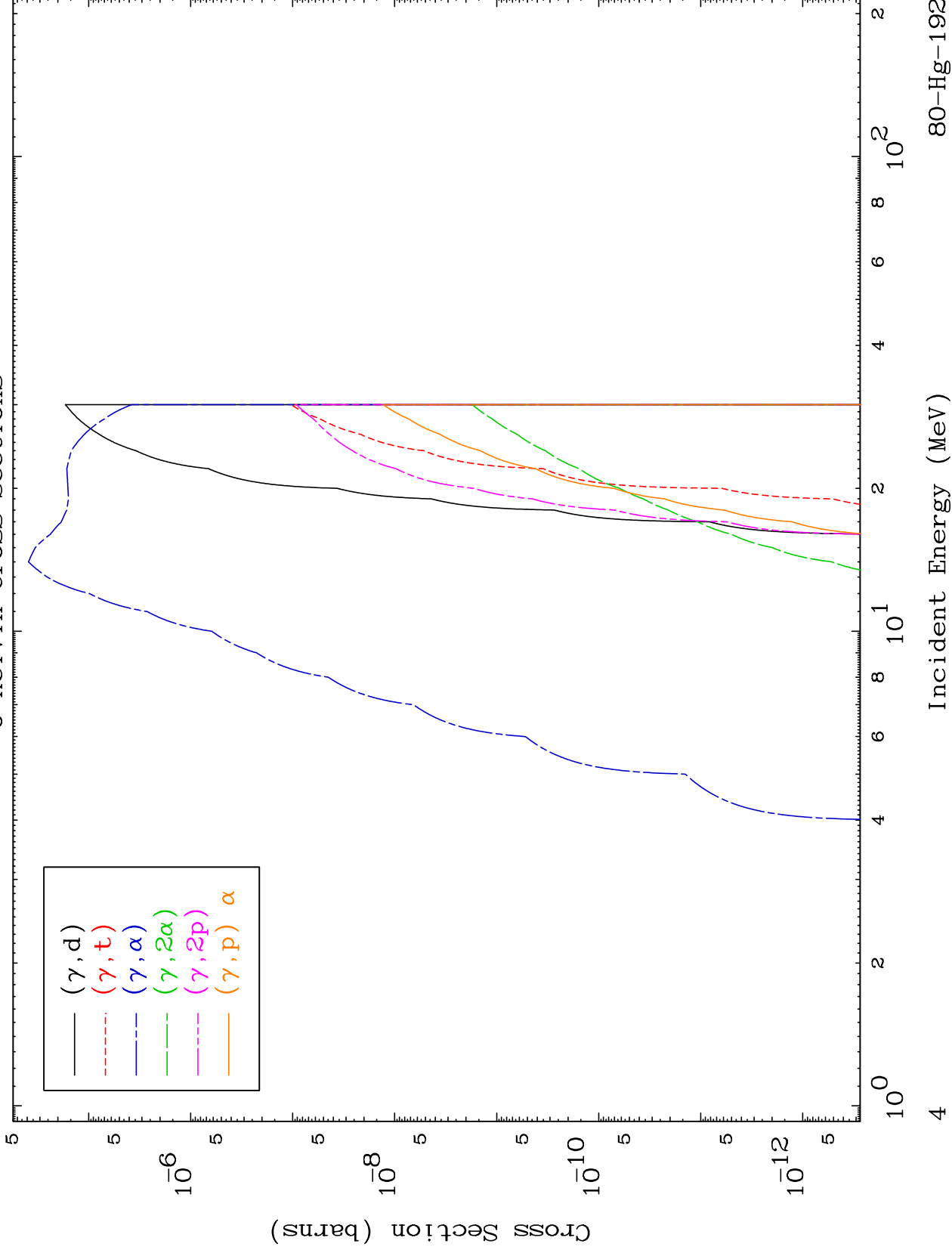
Incident Energy (MeV)

80-Hg-192

MAT 8013

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-192



80-Hg-192

Incident Energy (MeV)

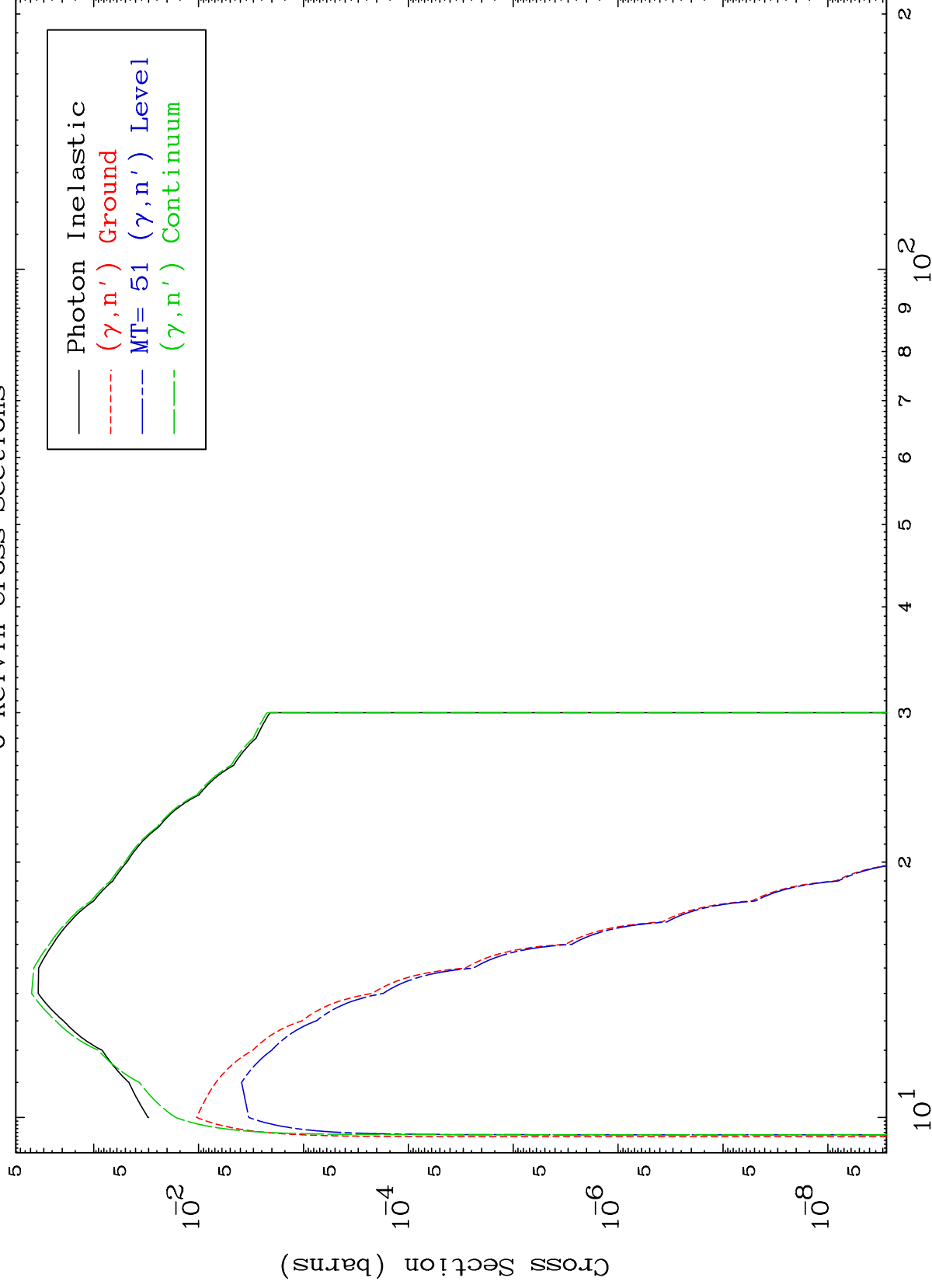
4

MAT 8013

(γ, n') Level

80-Hg-192

0 Kelvin Cross Sections



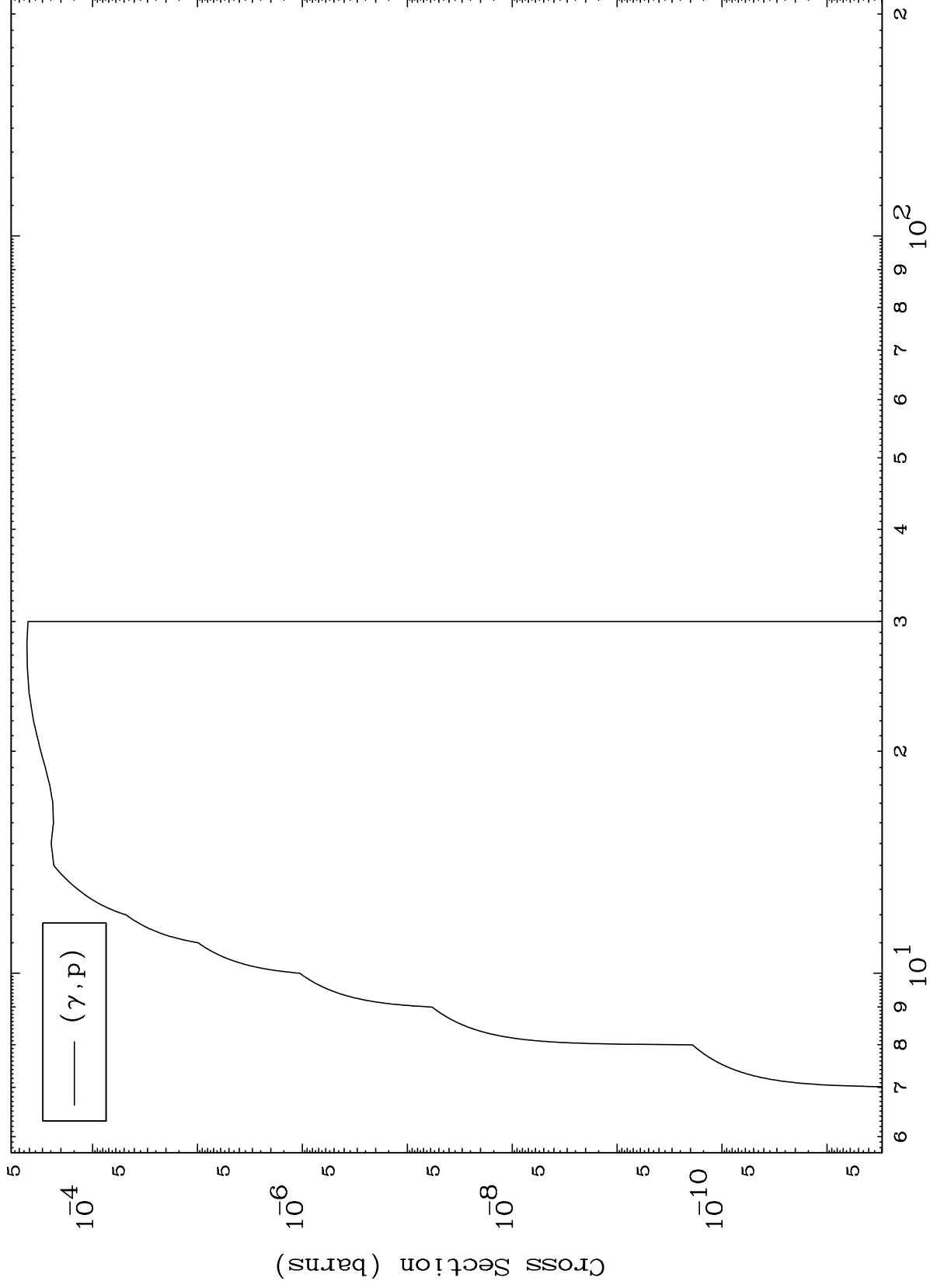
Incident Energy (MeV)

80-Hg-192

MAT 8013

(γ, p) Levels
0 Kelvin Cross Sections

80-Hg-192



6

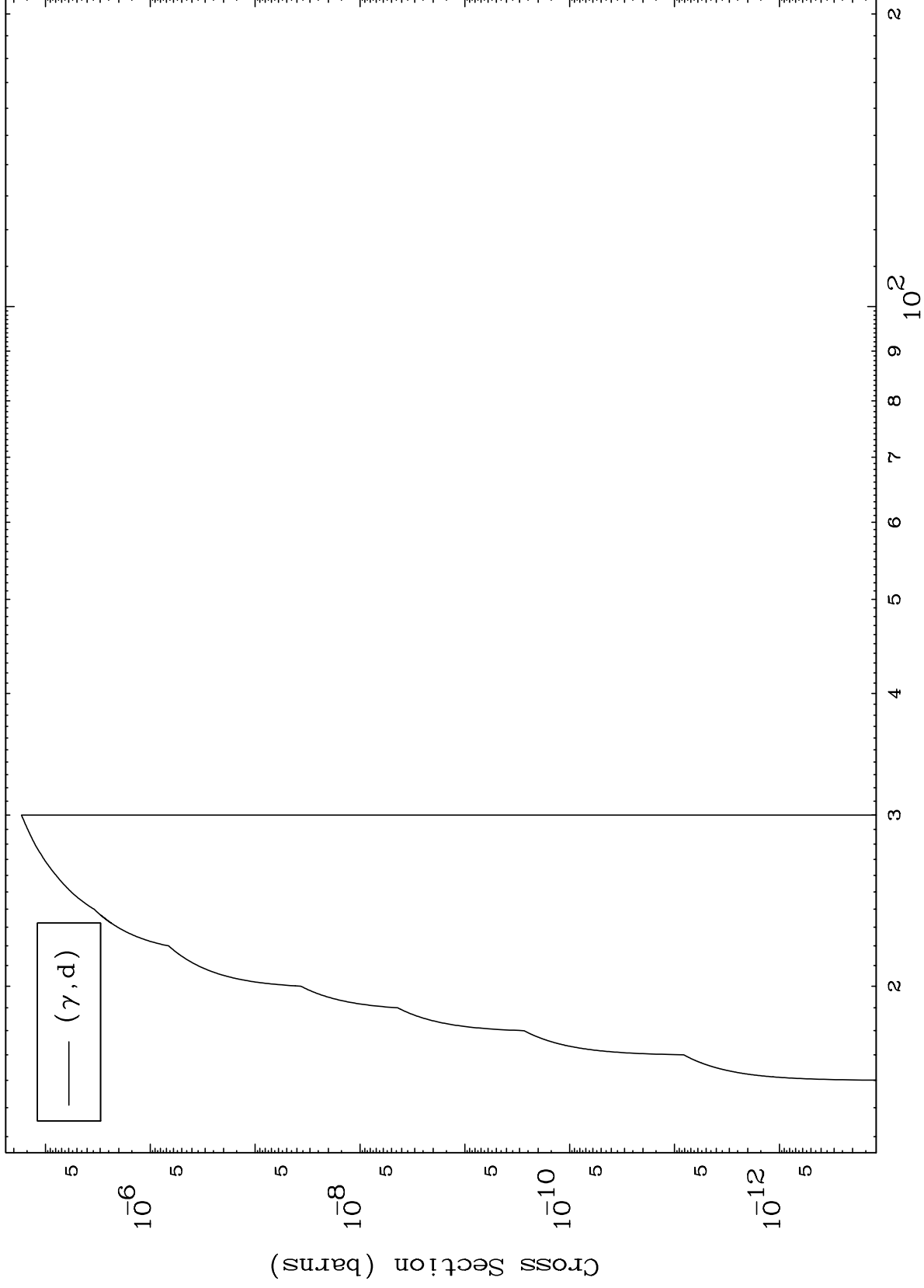
Incident Energy (MeV)

80-Hg-192

MAT 8013

(γ, d) Levels
0 Kelvin Cross Sections

80-Hg-192



7

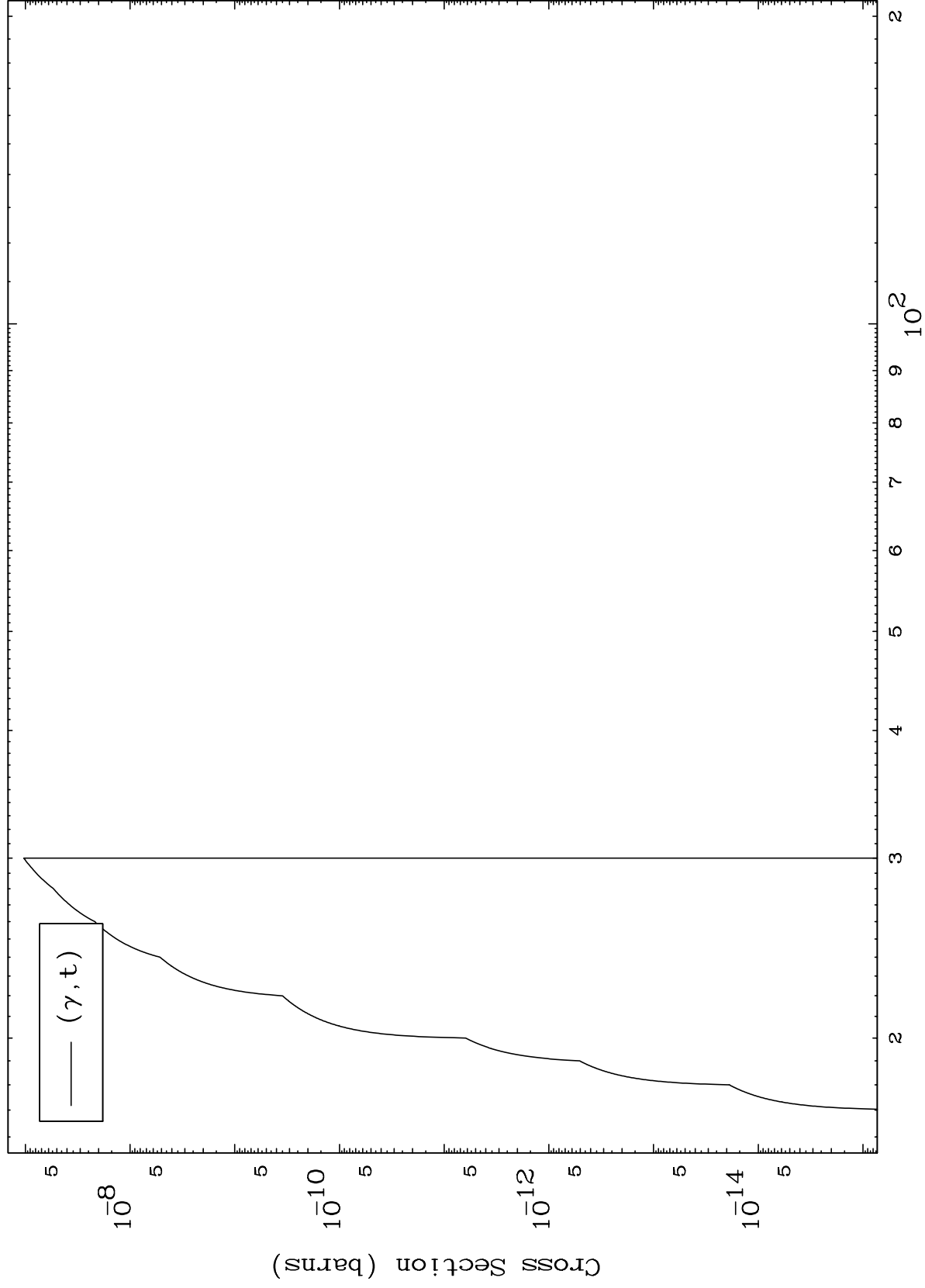
Incident Energy (MeV)

80-Hg-192

MAT 8013

(γ, t) Levels
0 Kelvin Cross Sections

80-Hg-192



8

Incident Energy (MeV)

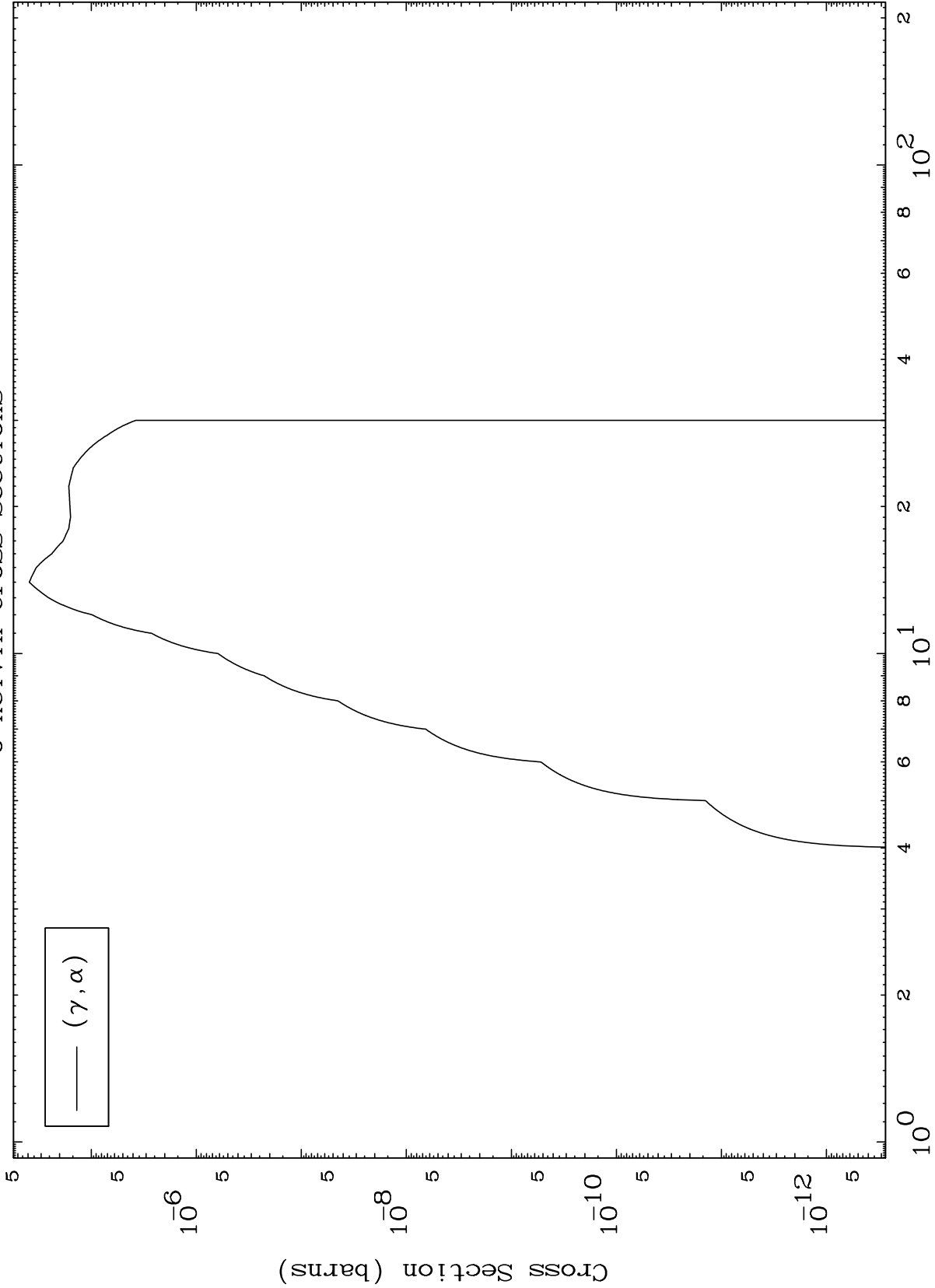
80-Hg-192

MAT 8013

(γ, α) Levels

80-Hg-192

0 Kelvin Cross Sections



Incident Energy (MeV)

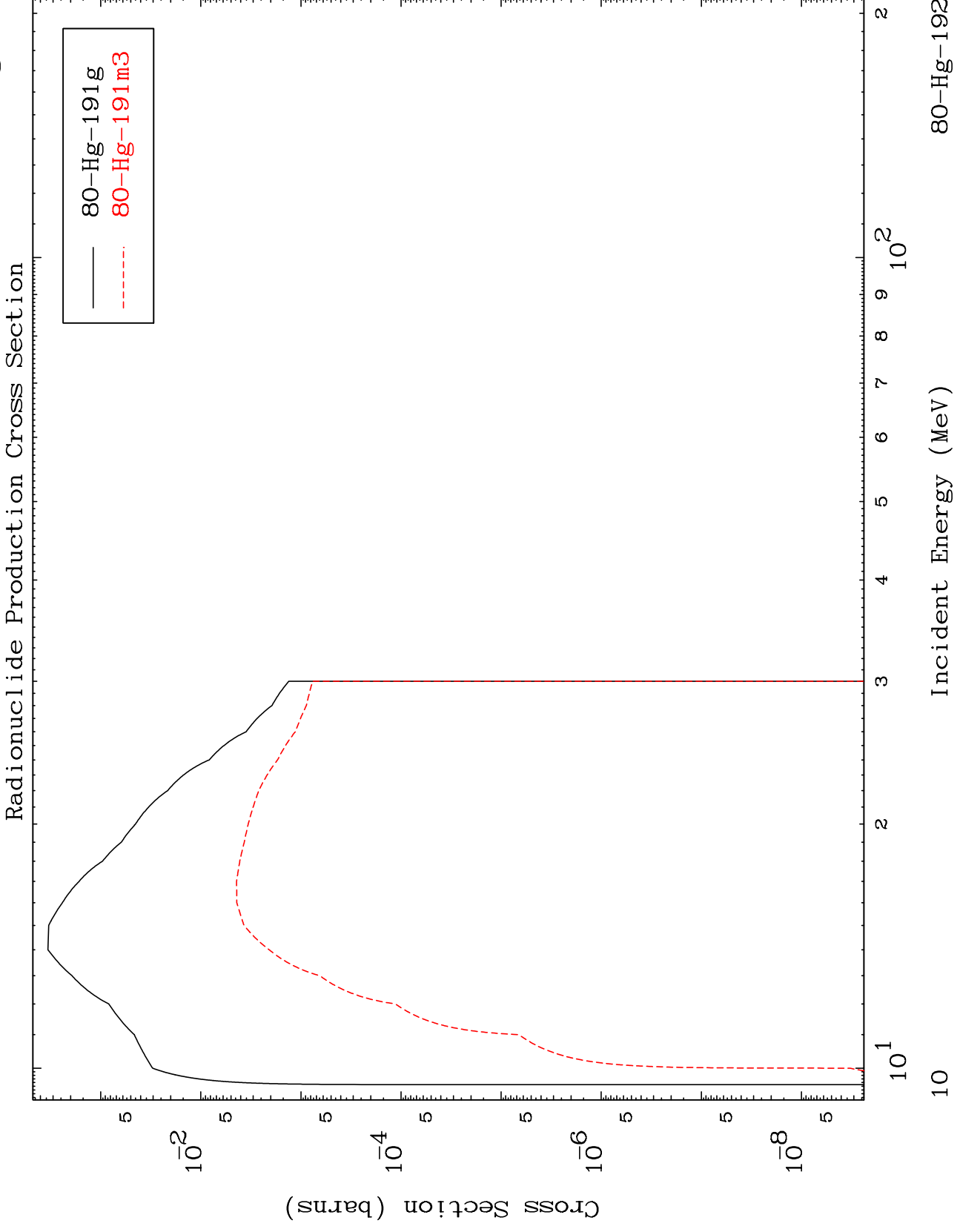
80-Hg-192

9

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Photon Inelastic
Radionuclide Production Cross Section

80-Hg-192



80-Hg-191g
80-Hg-191m3

80-Hg-192

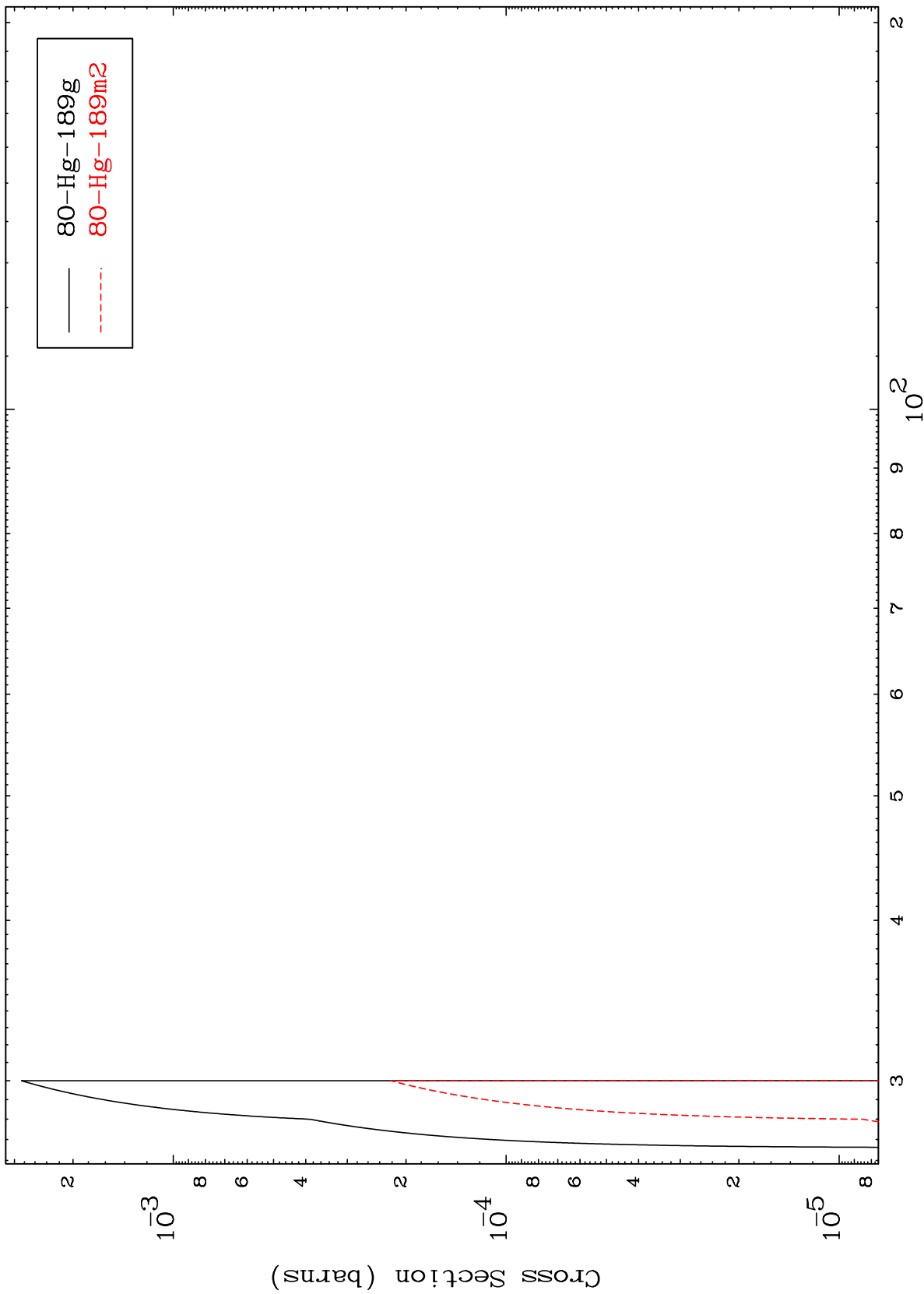
Incident Energy (MeV)

MAT 8013

80-Hg-192

($\gamma, 3n$)

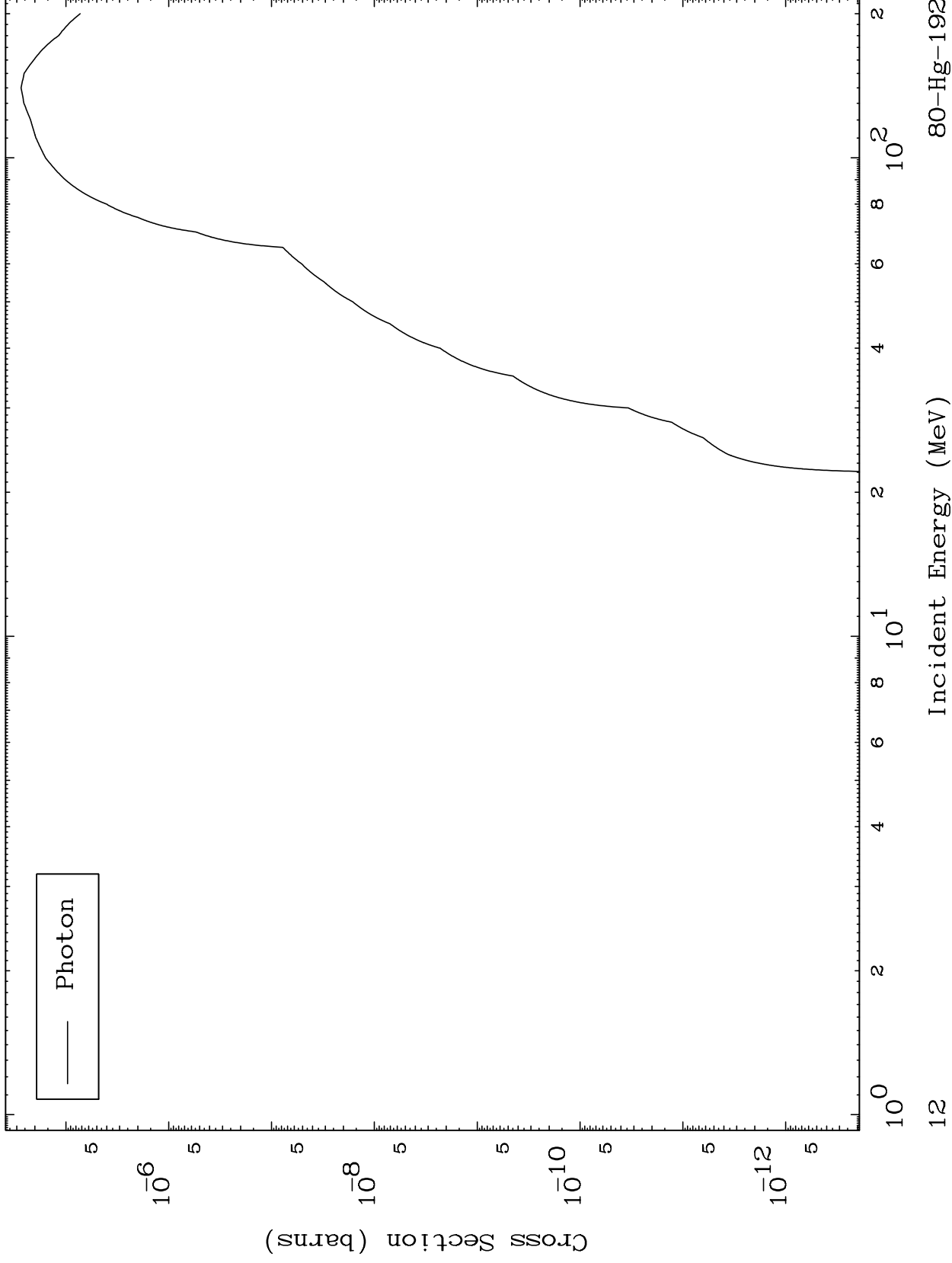
Radionuclide Production Cross Section



MAT 8013

Photon Fission
Radionuclide Production Cross Section

80-Hg-192



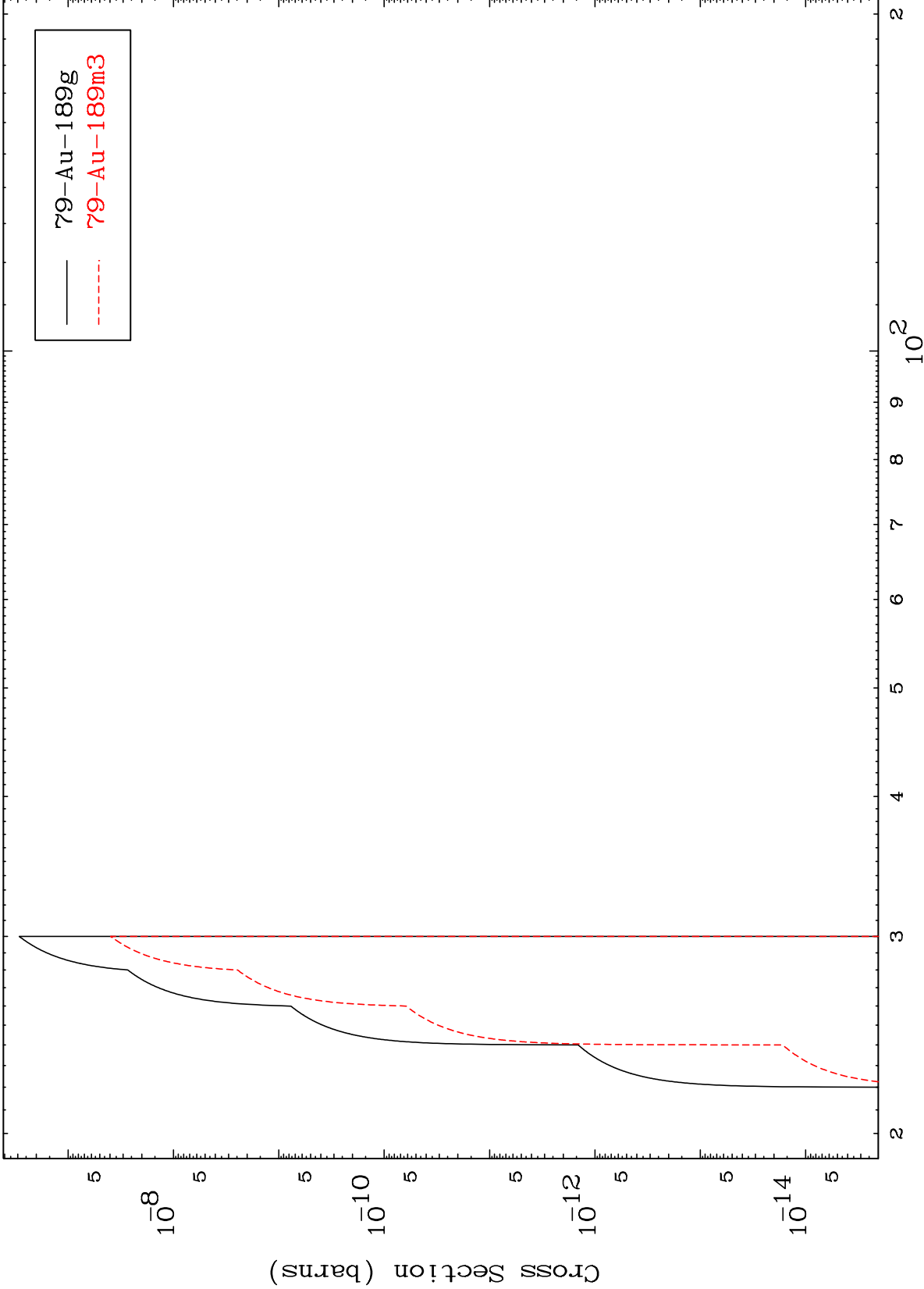
80-Hg-192

MAT 8013

(γ, n') d

80-Hg-192

Radionuclide Production Cross Section



13

Incident Energy (MeV)

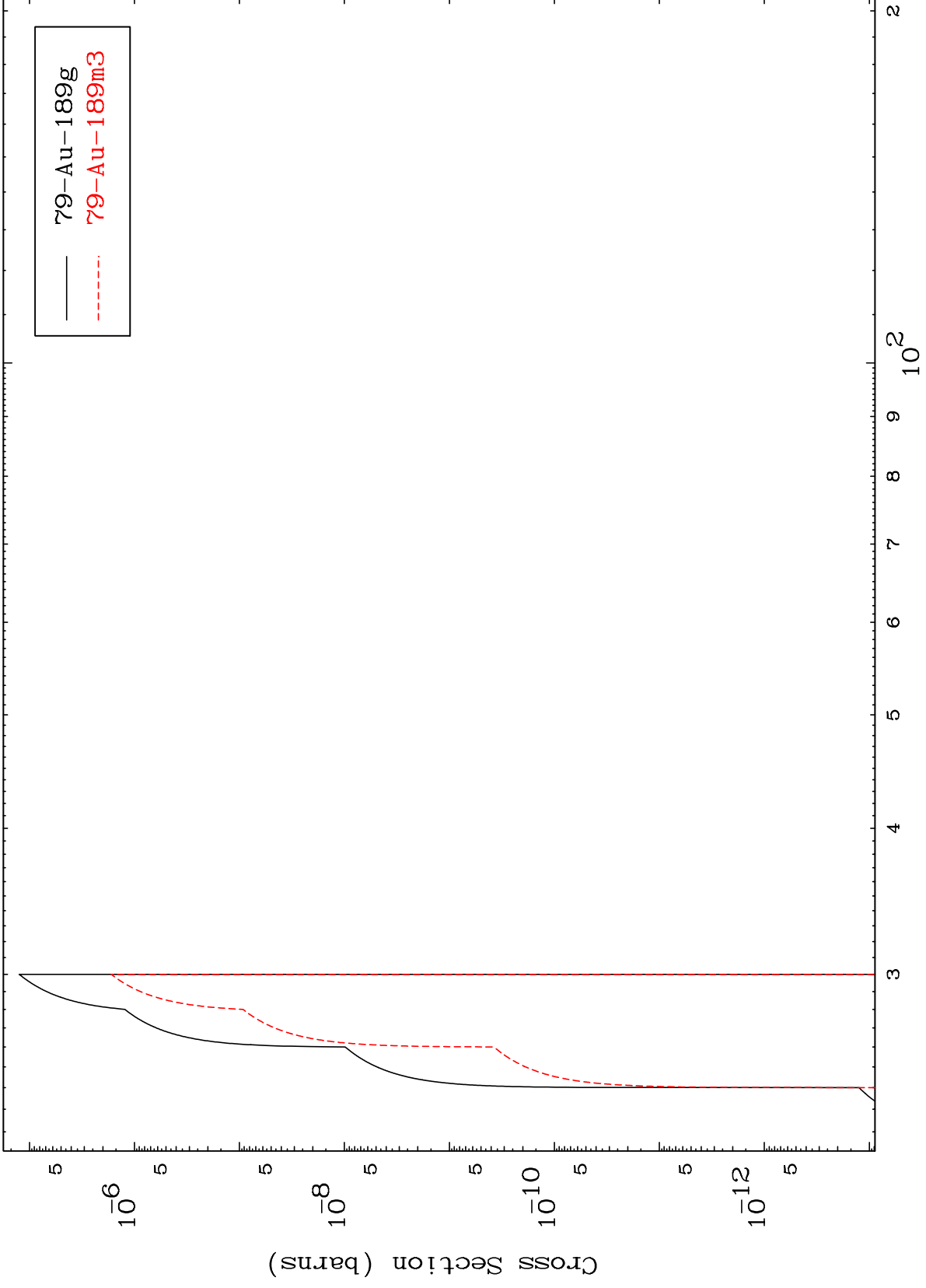
80-Hg-192

MAT 8013

$(\gamma, 2n)$ p

80-Hg-192

Radionuclide Production Cross Section



14

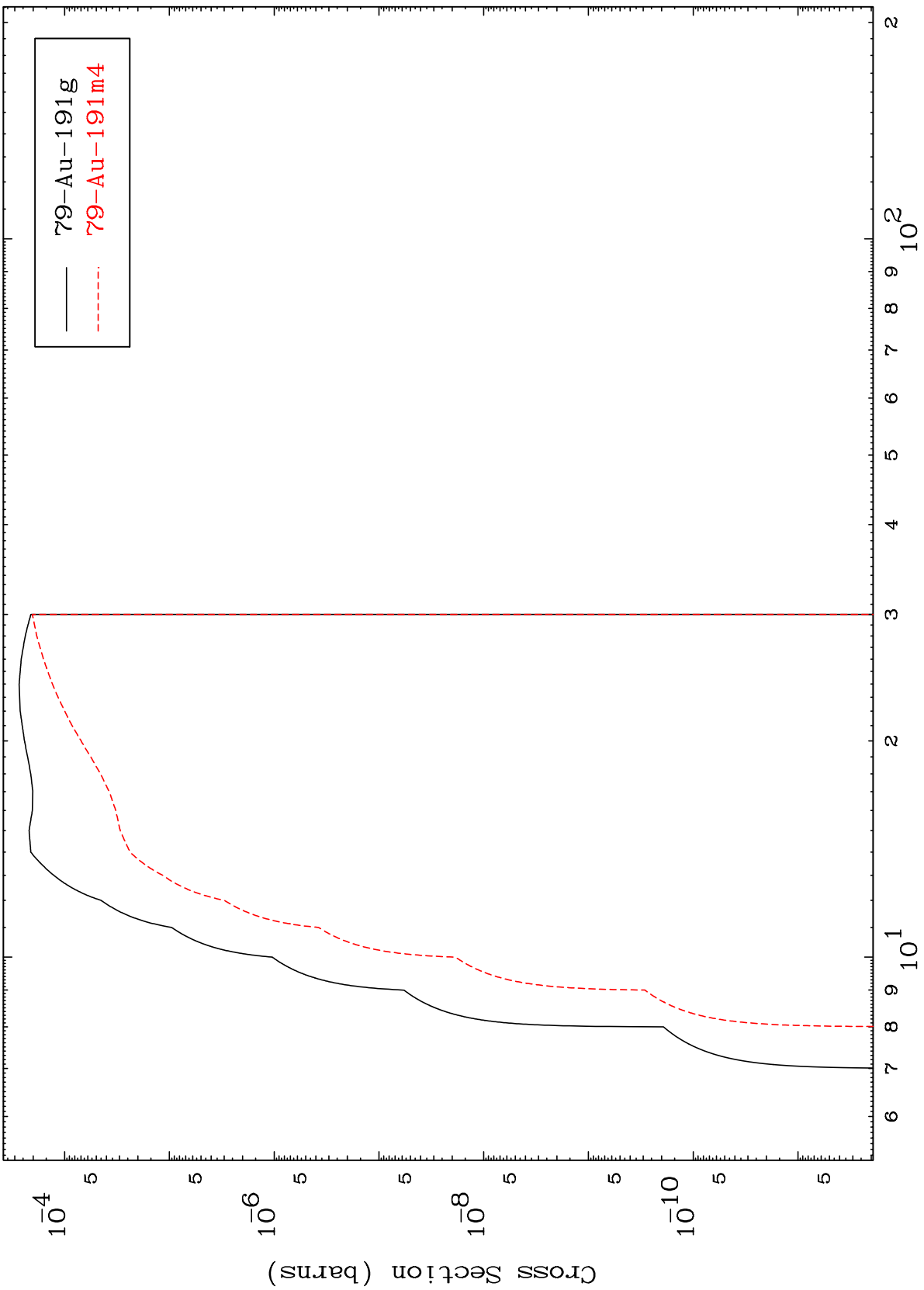
Incident Energy (MeV)

80-Hg-192

MAT 8013

80-Hg-192

(γ, p)
Radionuclide Production Cross Section



15

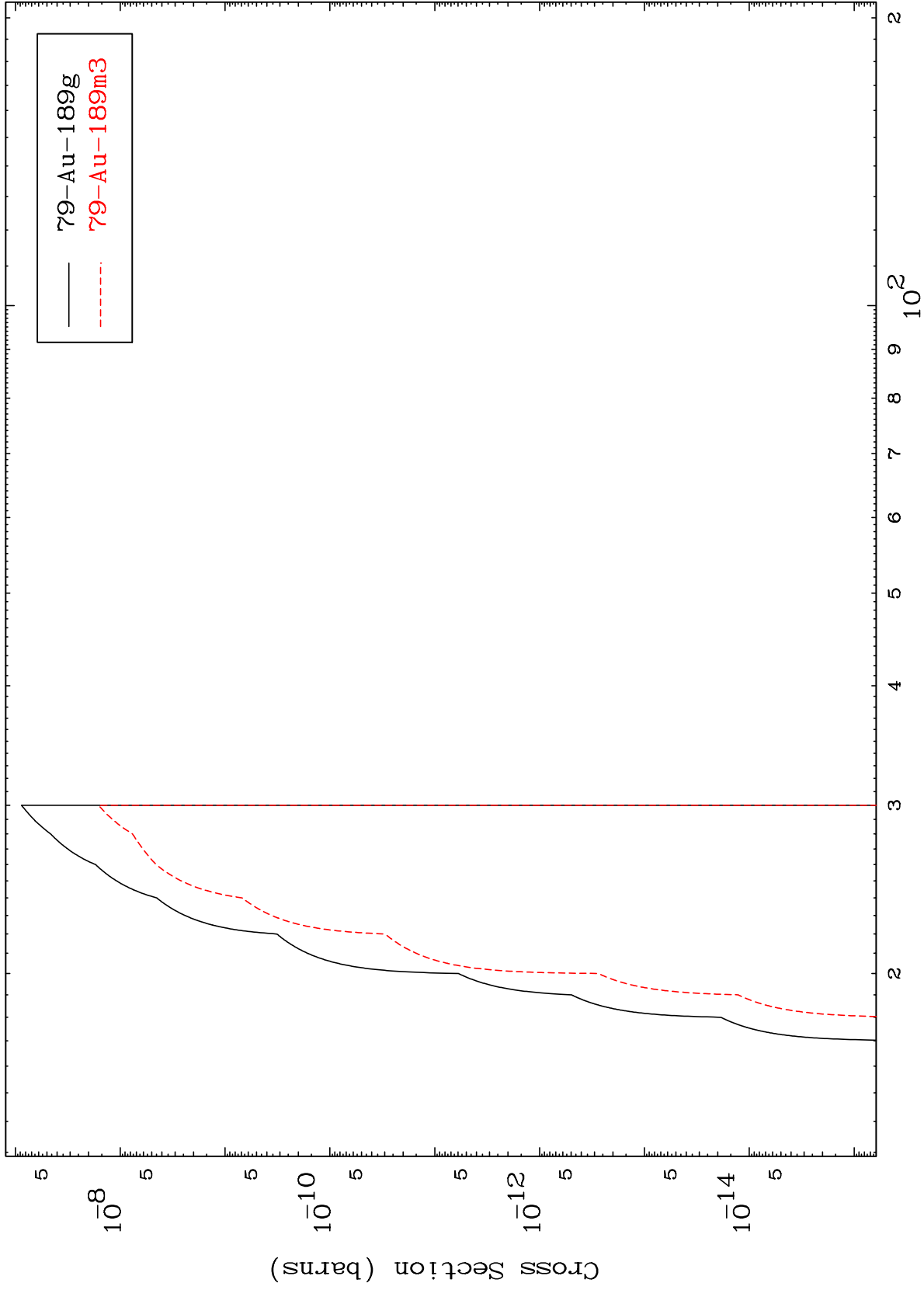
Incident Energy (MeV)

80-Hg-192

MAT 8013

80-Hg-192

(γ, t)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

80-Hg-192