

Program EVALPLOT
(Version 2018-1)

by

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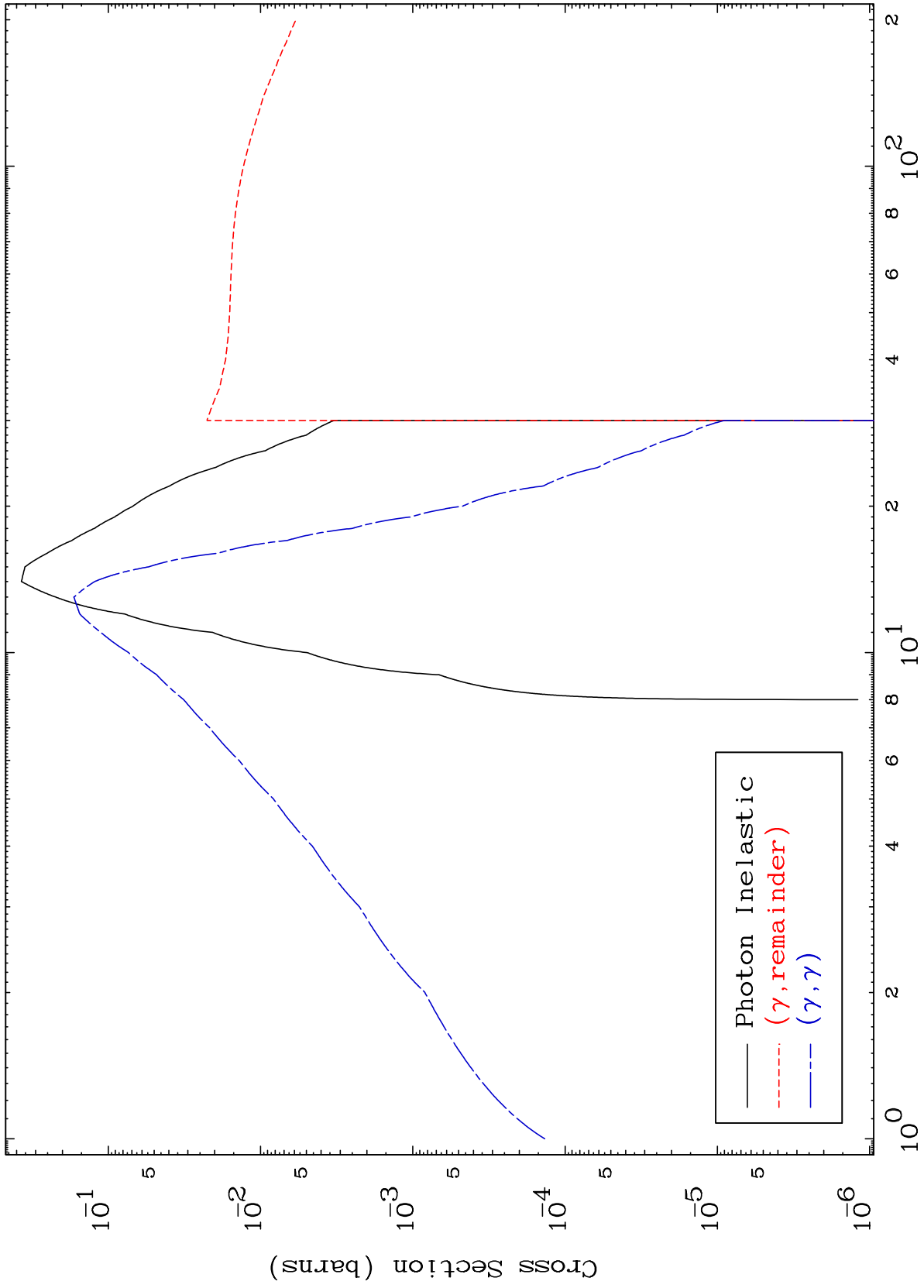
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8005

Photon Major
0 Kelvin Cross Sections

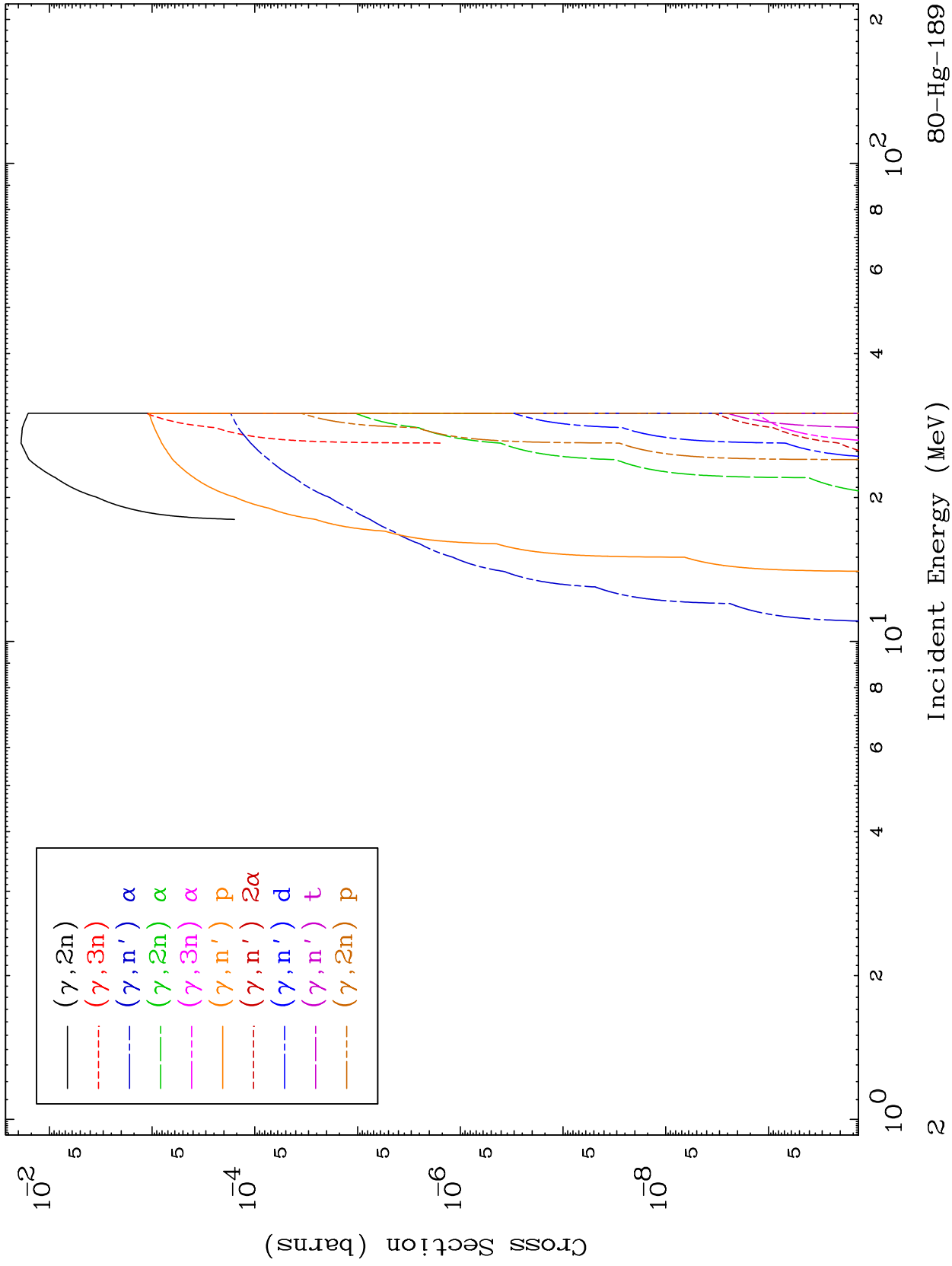
80-Hg-189



MAT 8005

Photon Neutron Production
0 Kelvin Cross Sections

80-Hg-189

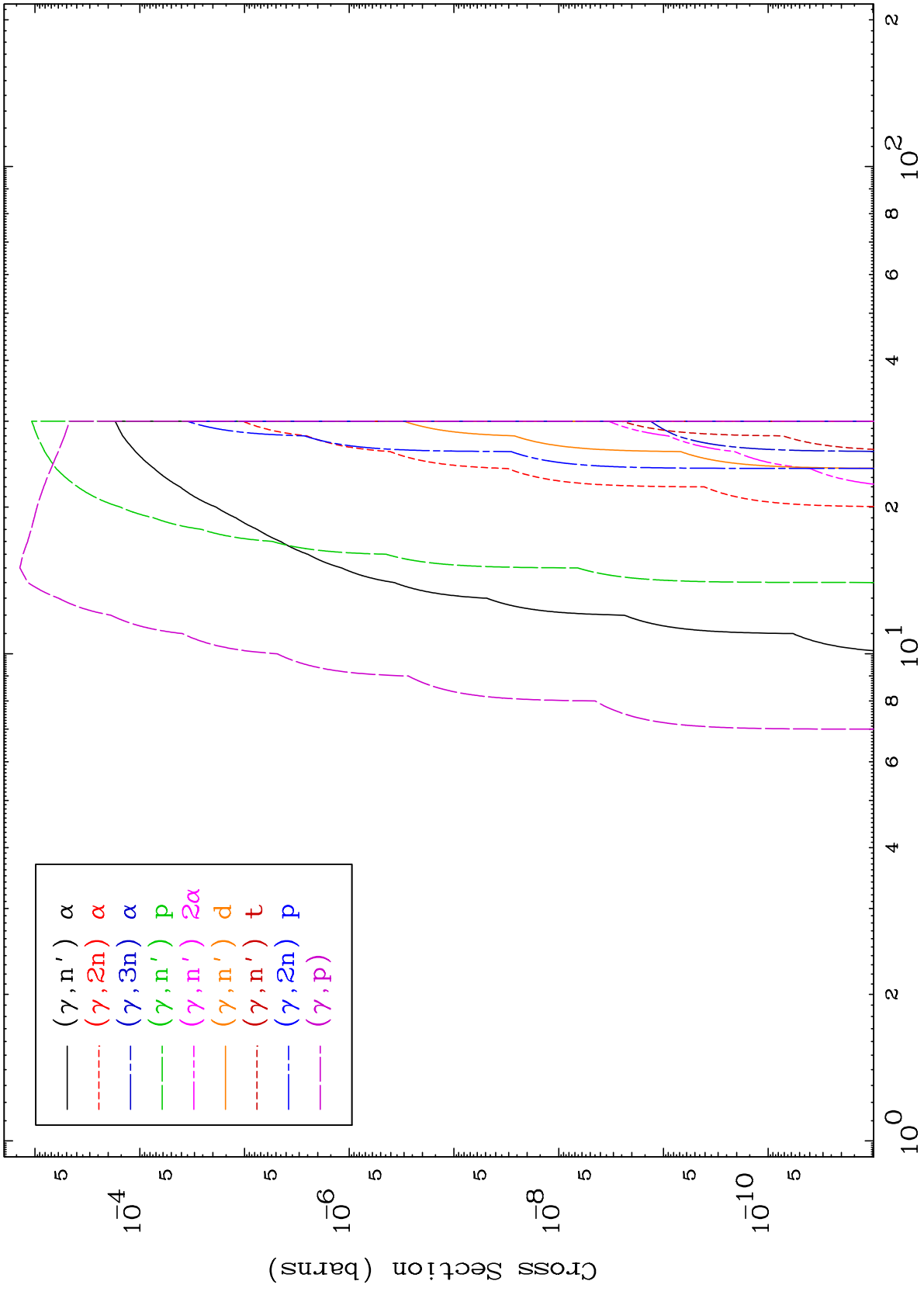


80-Hg-189

MAT 8005

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-189



80-Hg-189

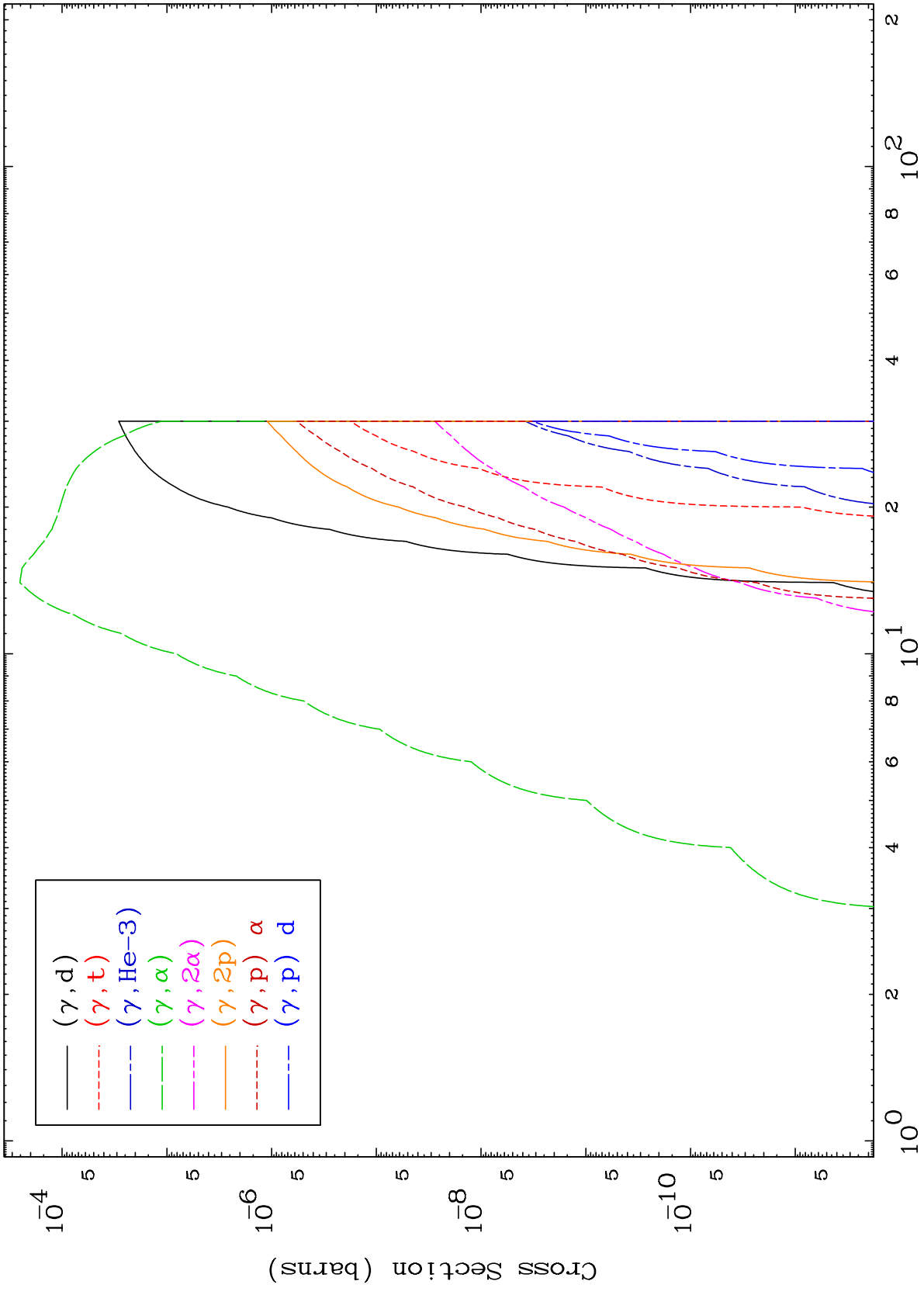
Incident Energy (MeV)

3

MAT 8005

Photon Charged Particle
0 Kelvin Cross Sections

80-Hg-189



80-Hg-189

Incident Energy (MeV)

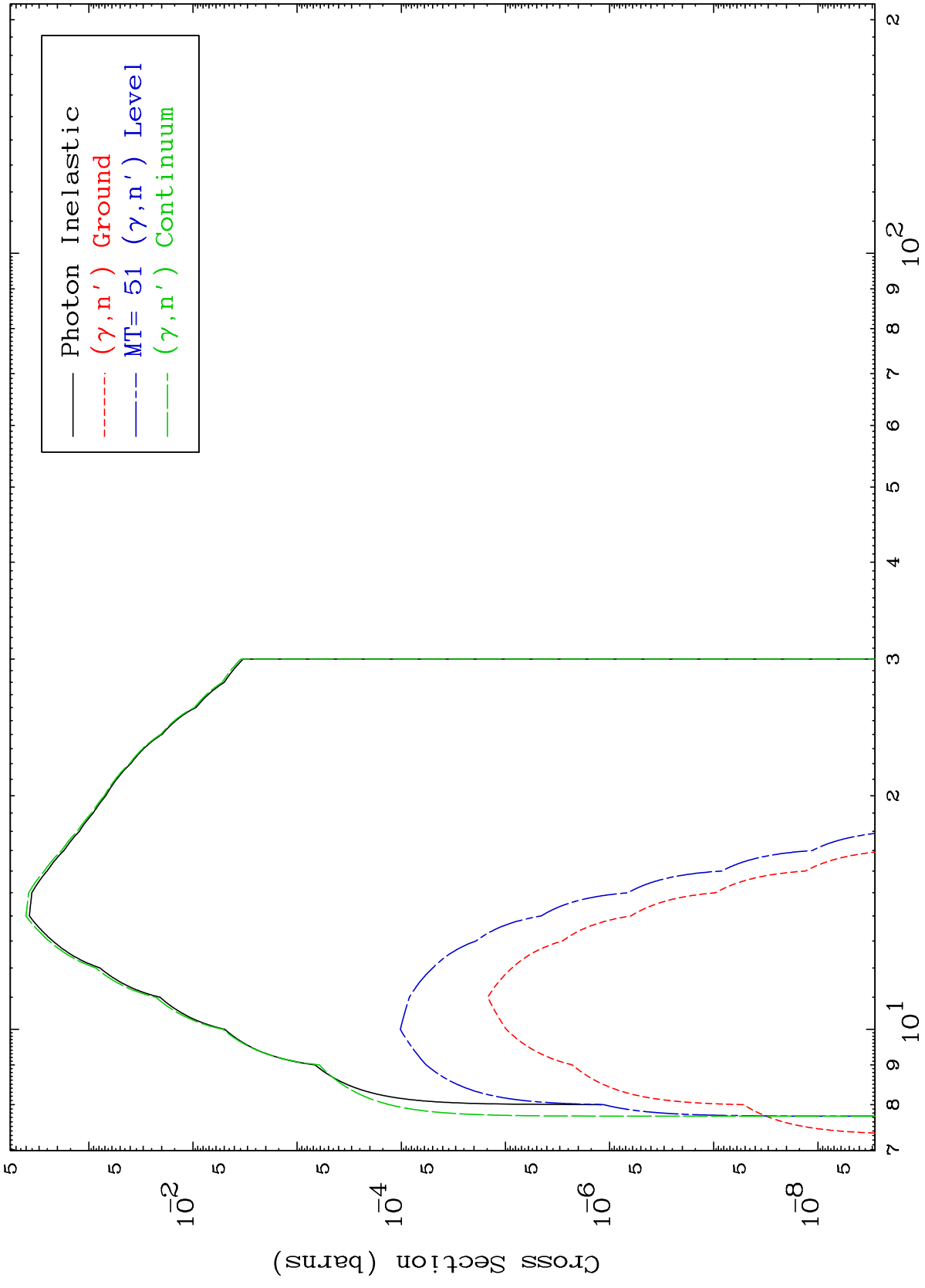
4

MAT 8005

(γ, n') Level

80-Hg-189

0 Kelvin Cross Sections



5

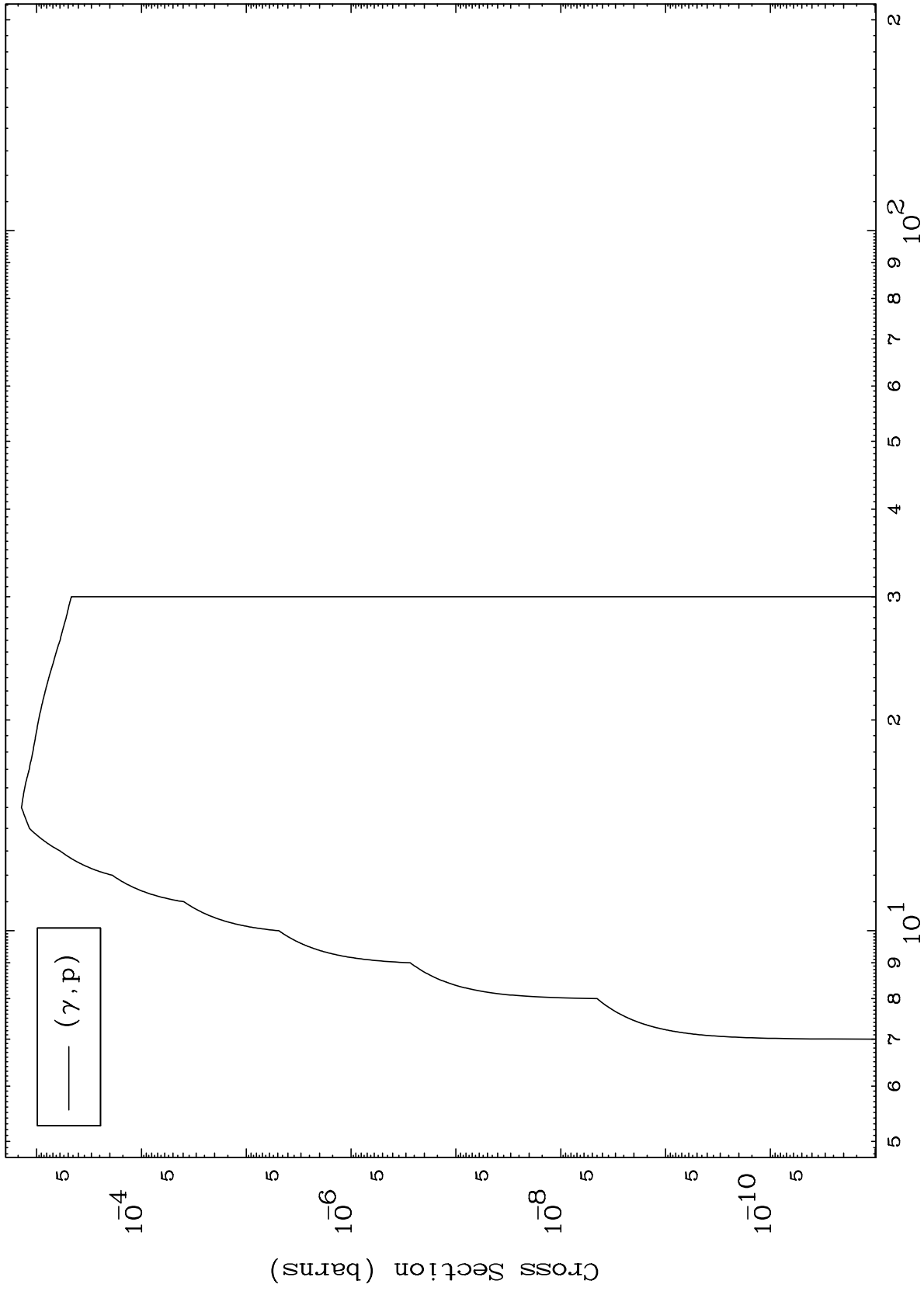
Incident Energy (MeV)

80-Hg-189

MAT 8005

(γ, p) Levels
0 Kelvin Cross Sections

80-Hg-189



6

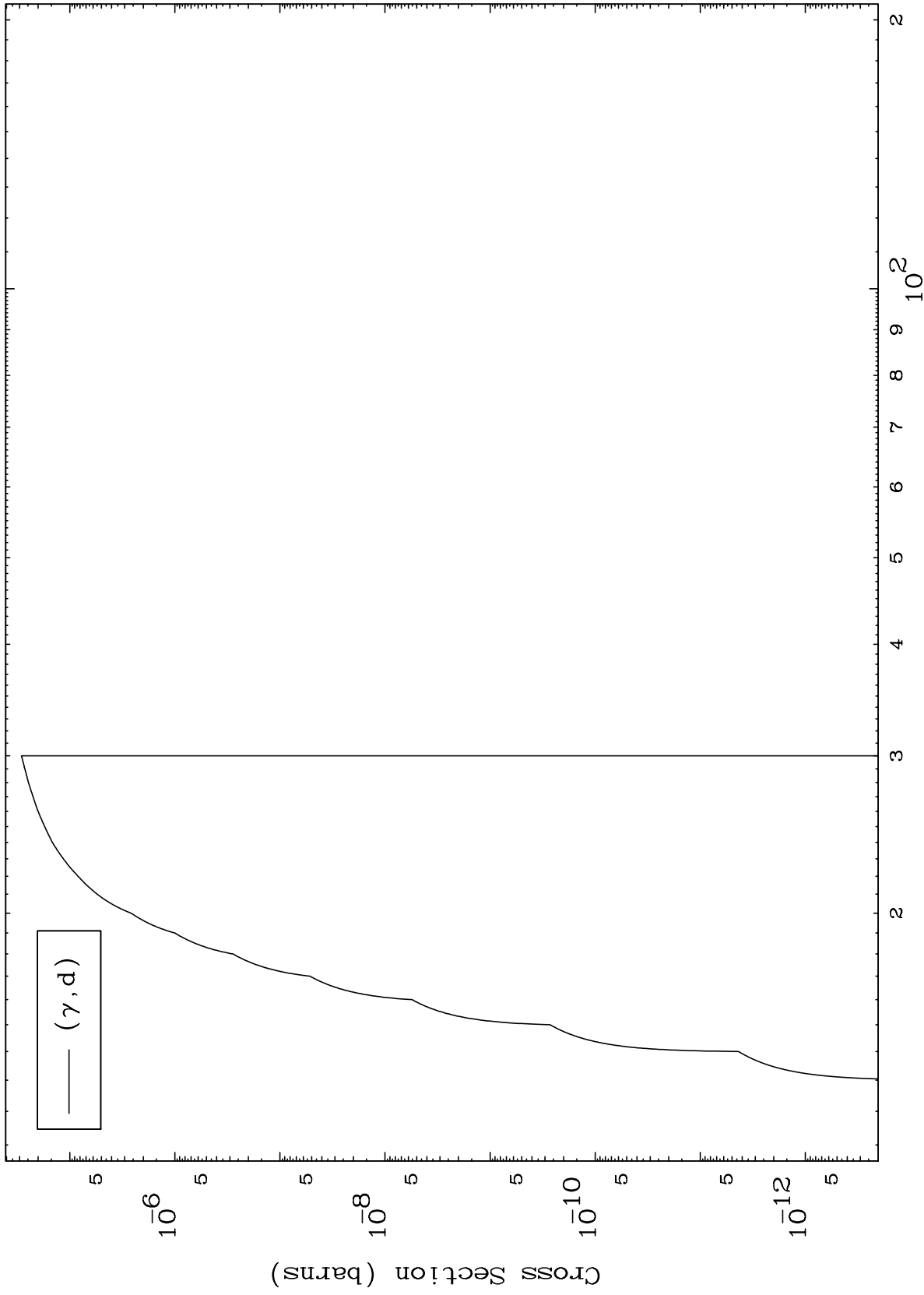
Incident Energy (MeV)

80-Hg-189

MAT 8005

(γ, d) Levels
0 Kelvin Cross Sections

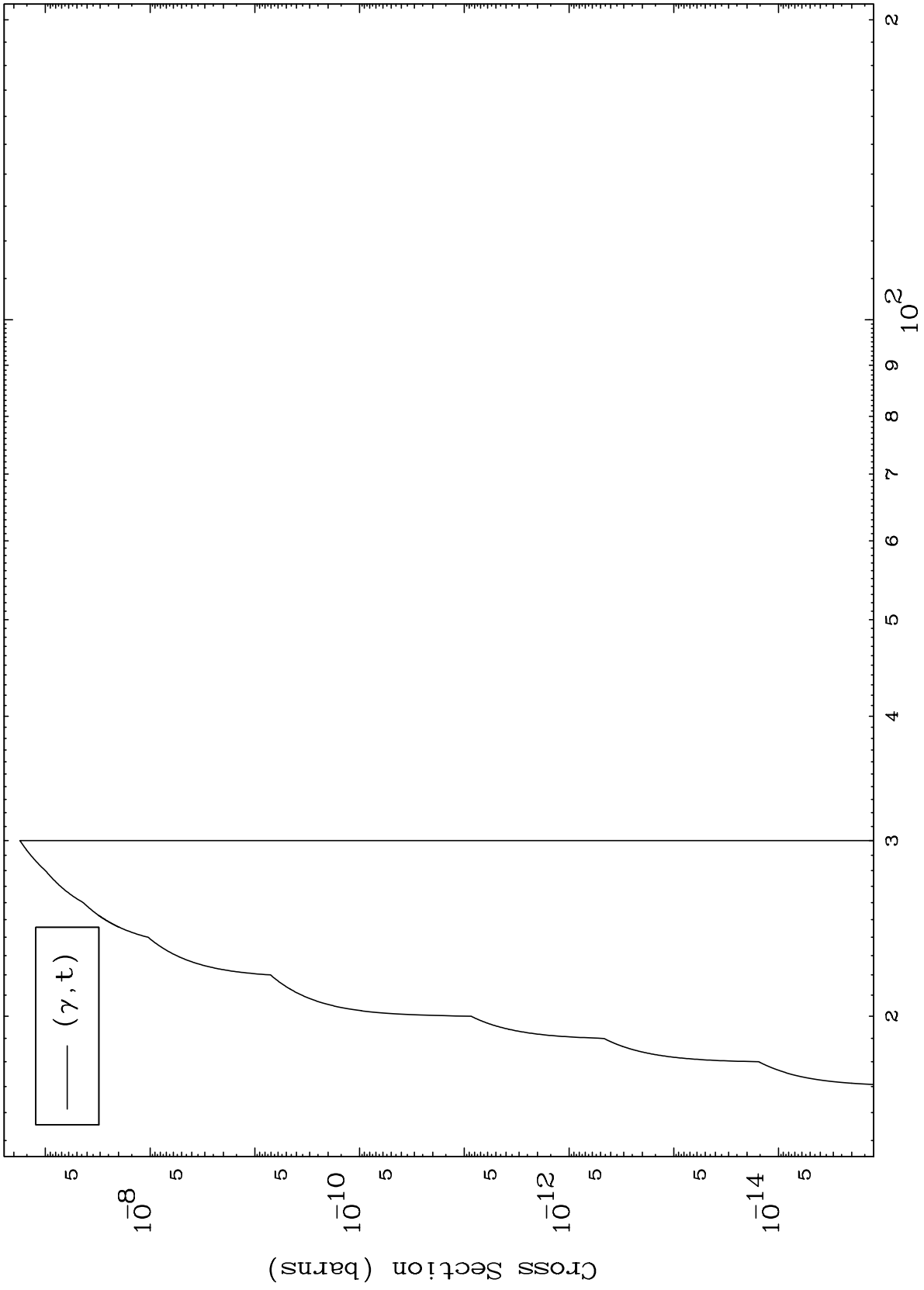
80-Hg-189



MAT 8005

(γ, t) Levels
0 Kelvin Cross Sections

80-Hg-189



8

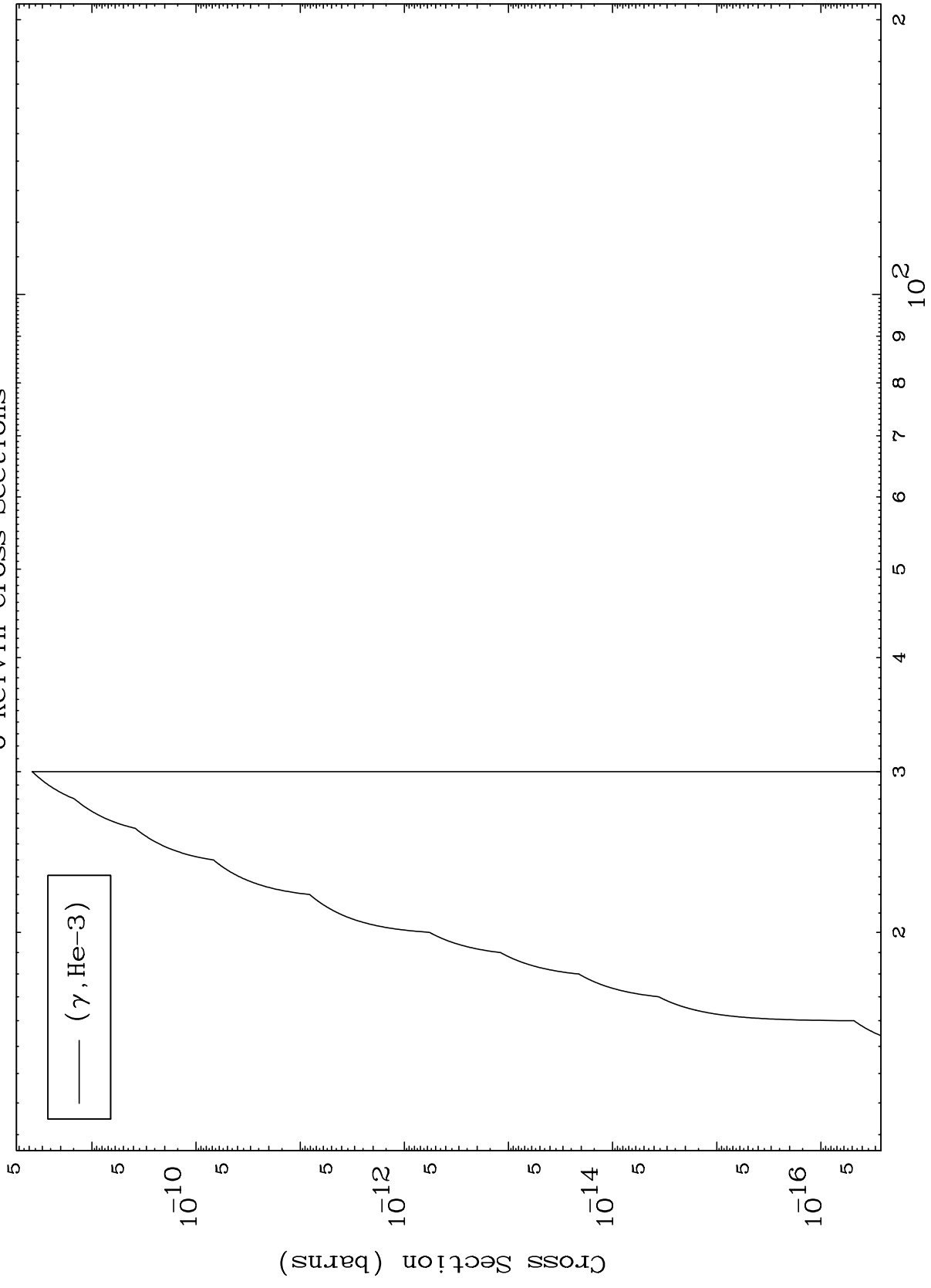
Incident Energy (MeV)

80-Hg-189

MAT 8005

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

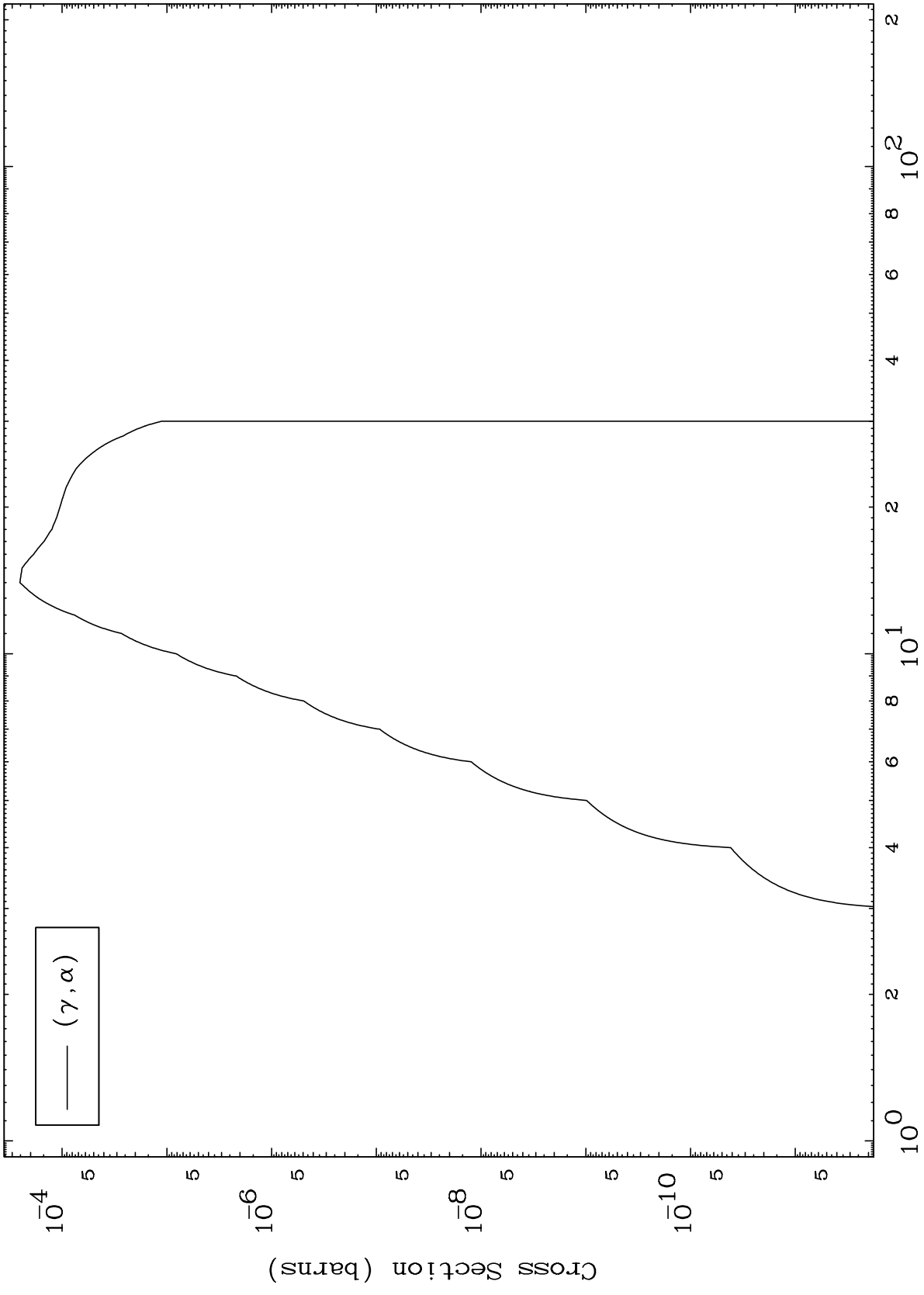
80-Hg-189



MAT 8005

(γ, α) Levels
0 Kelvin Cross Sections

80-Hg-189



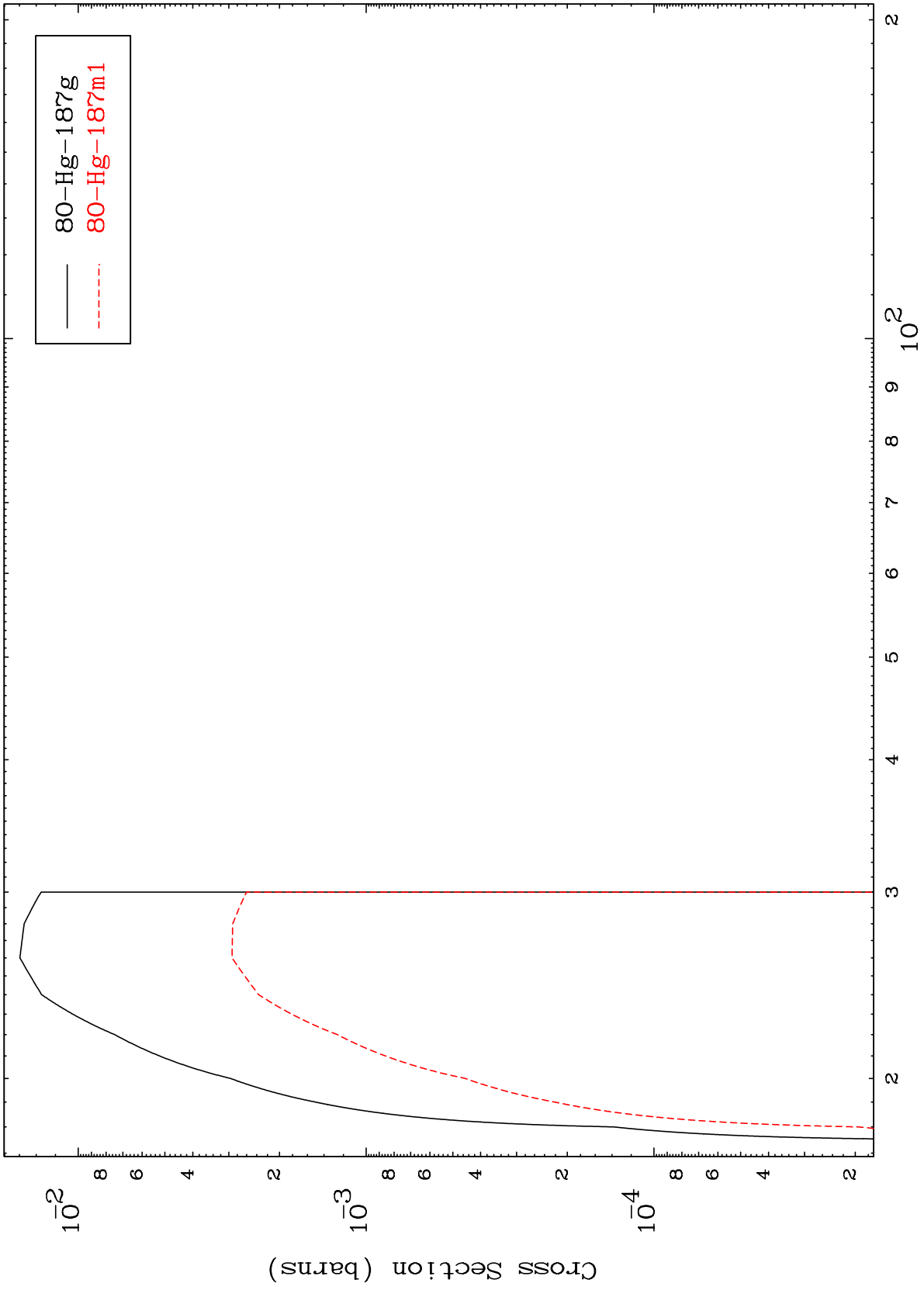
Incident Energy (MeV)

80-Hg-189

MAT 8005

80-Hg-189

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



11

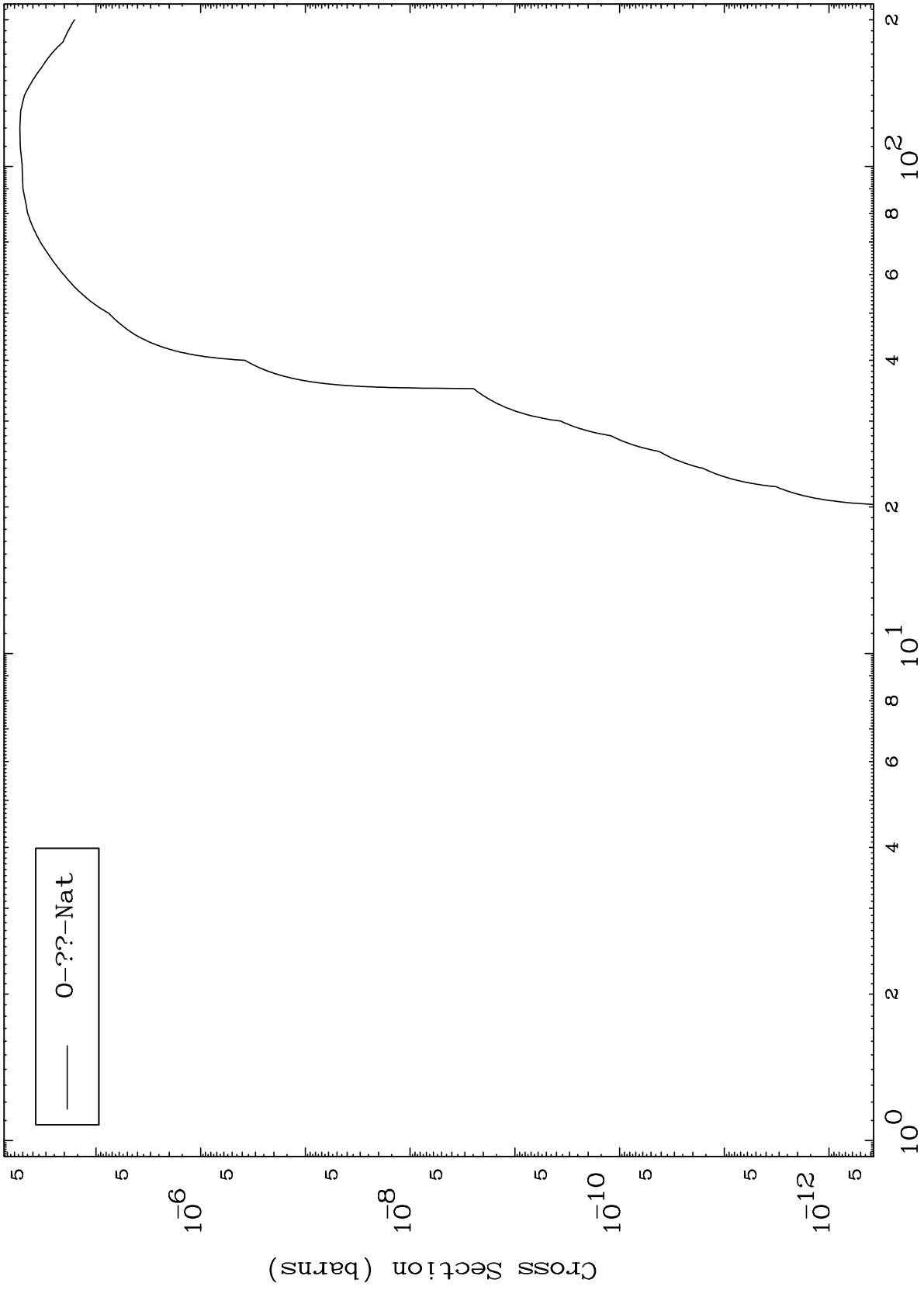
Incident Energy (MeV)

80-Hg-189

MAT 8005

Photon Fission
Radionuclide Production Cross Section

80-Hg-189



Incident Energy (MeV)

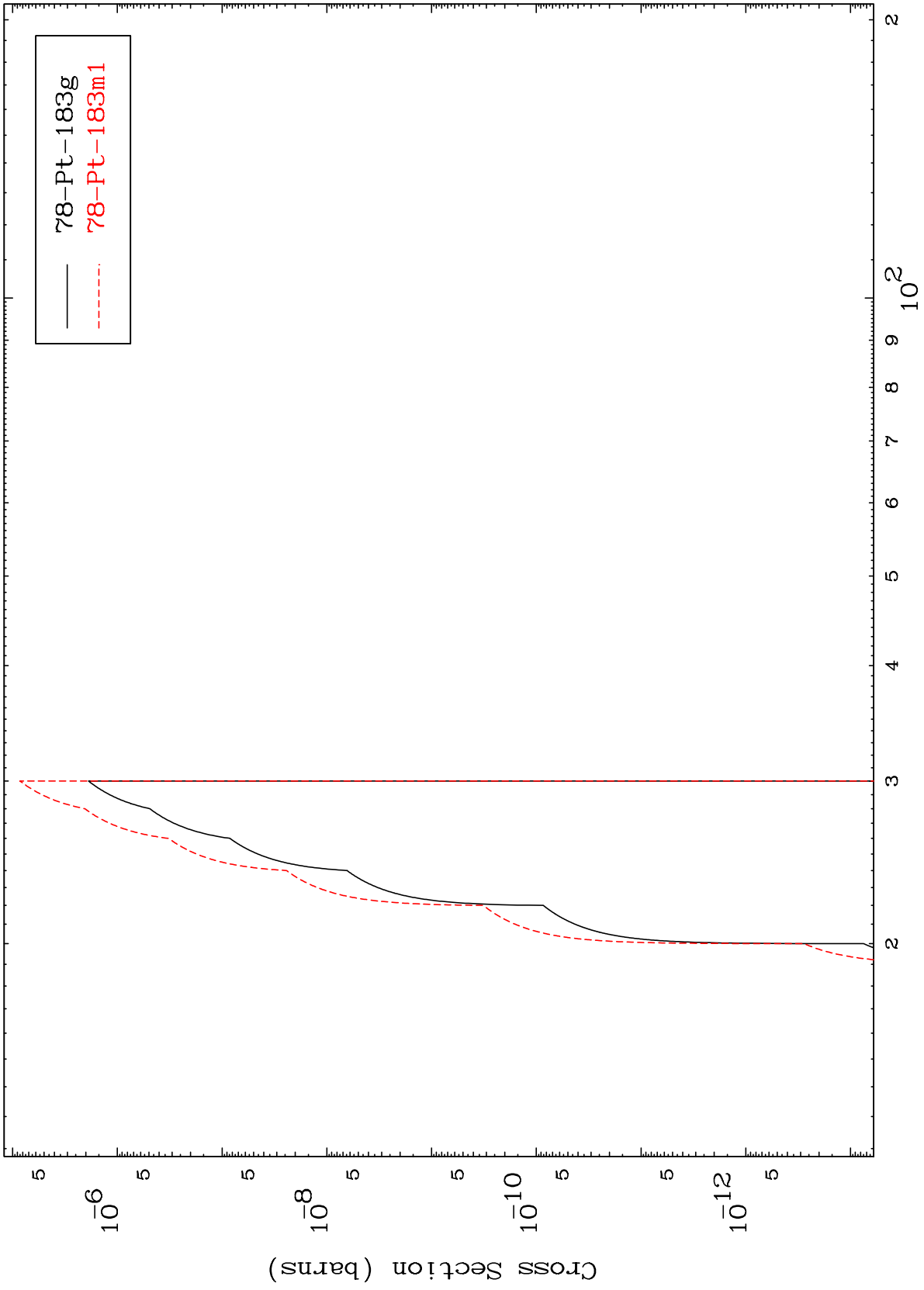
80-Hg-189

MAT 8005

$(\gamma, 2n) \alpha$

80-Hg-189

Radionuclide Production Cross Section



13

Incident Energy (MeV)

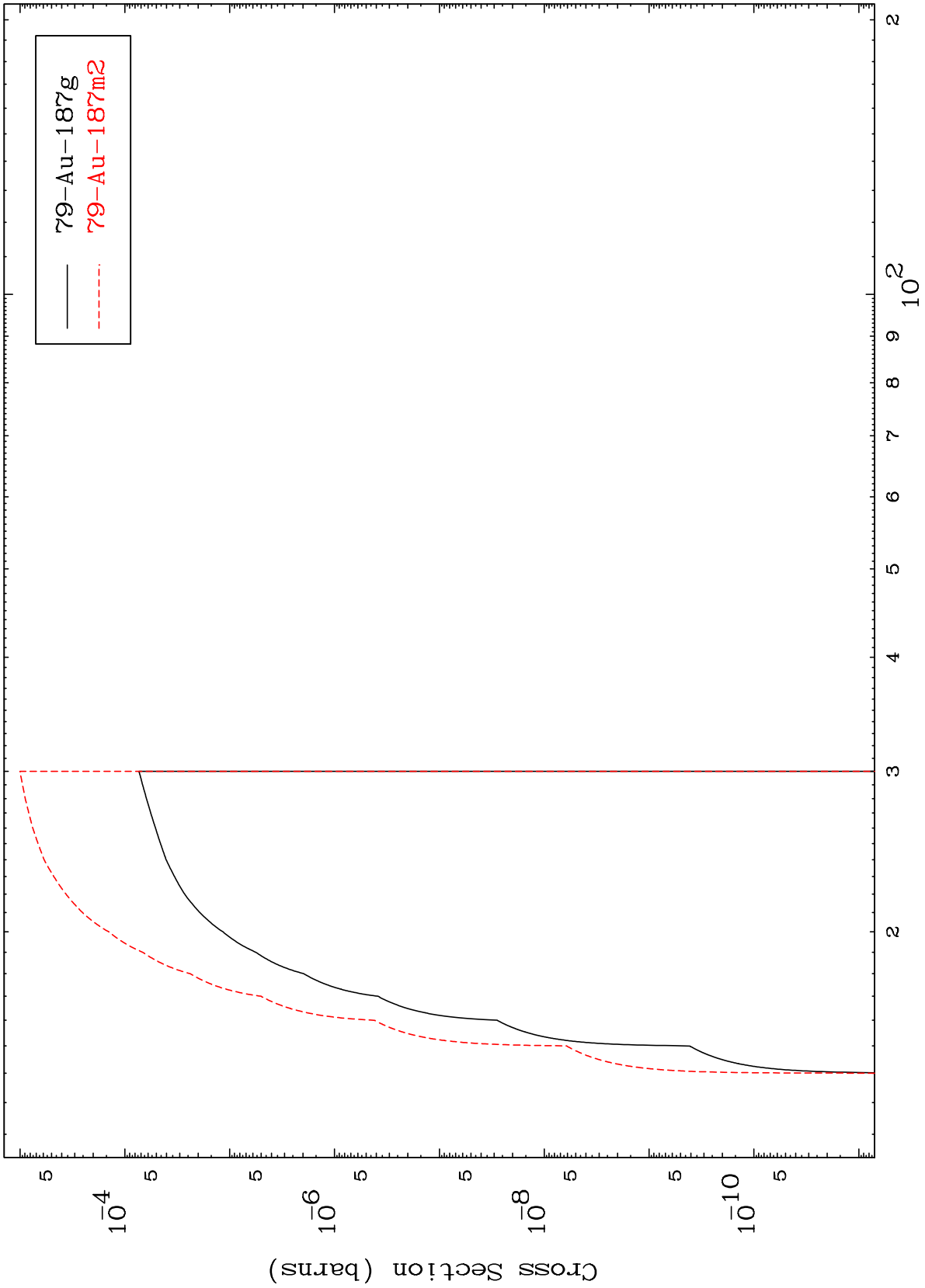
80-Hg-189

MAT 8005

(γ, n') p

80-Hg-189

Radionuclide Production Cross Section



14

Incident Energy (MeV)

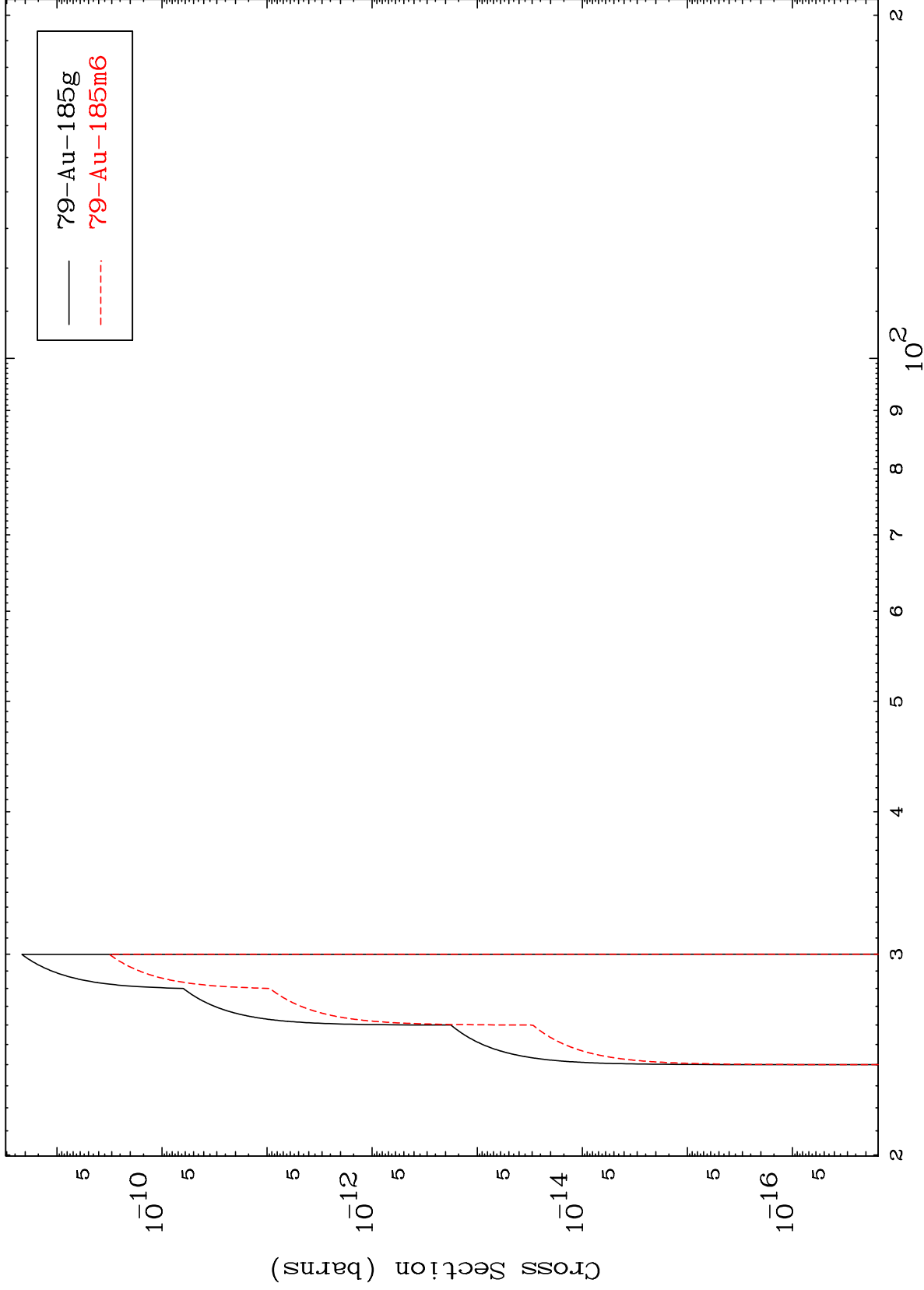
80-Hg-189

MAT 8005

(γ, n') t

80-Hg-189

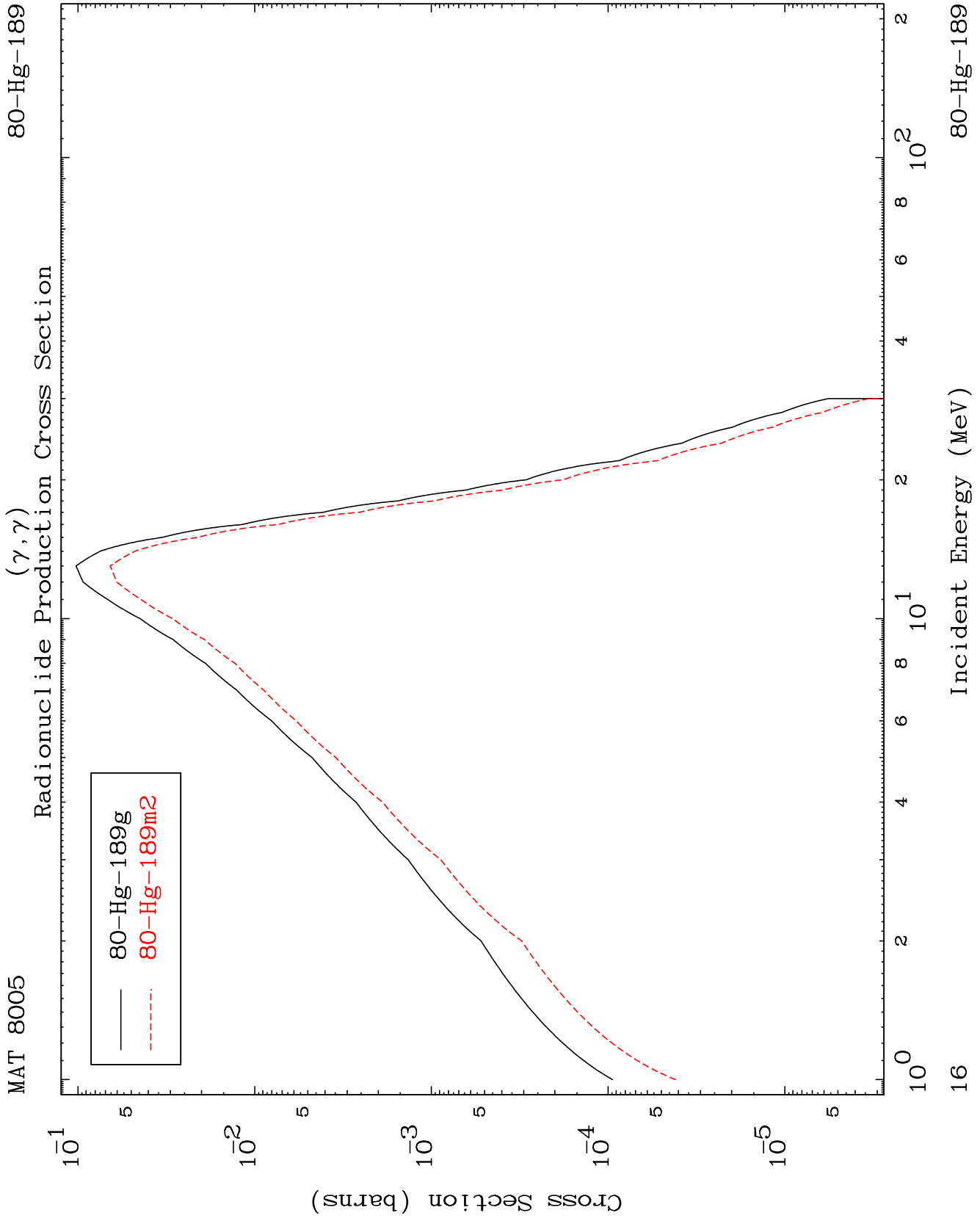
Radionuclide Production Cross Section



15

Incident Energy (MeV)

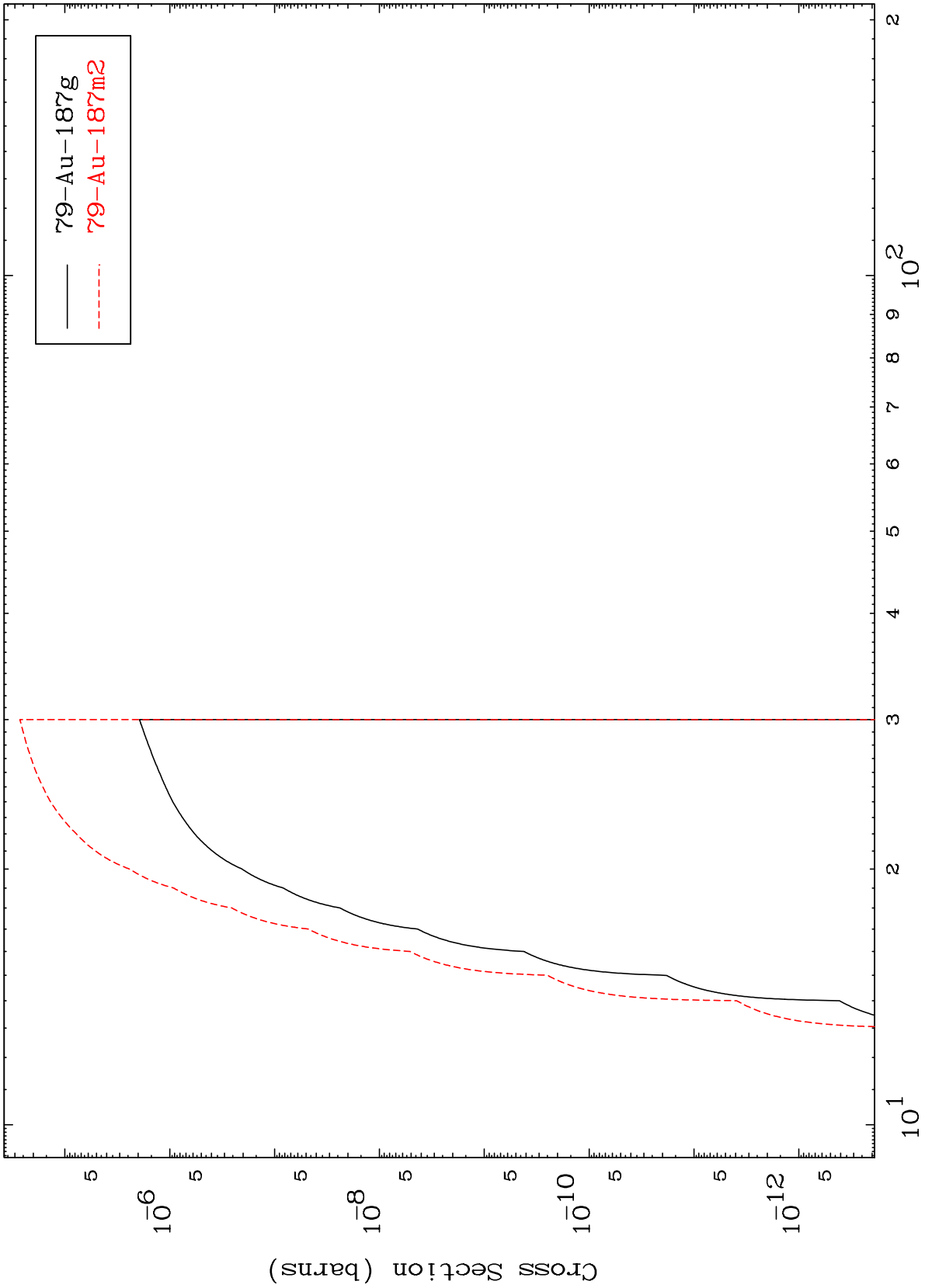
80-Hg-189



MAT 8005

80-Hg-189

(γ, d)
Radionuclide Production Cross Section



17

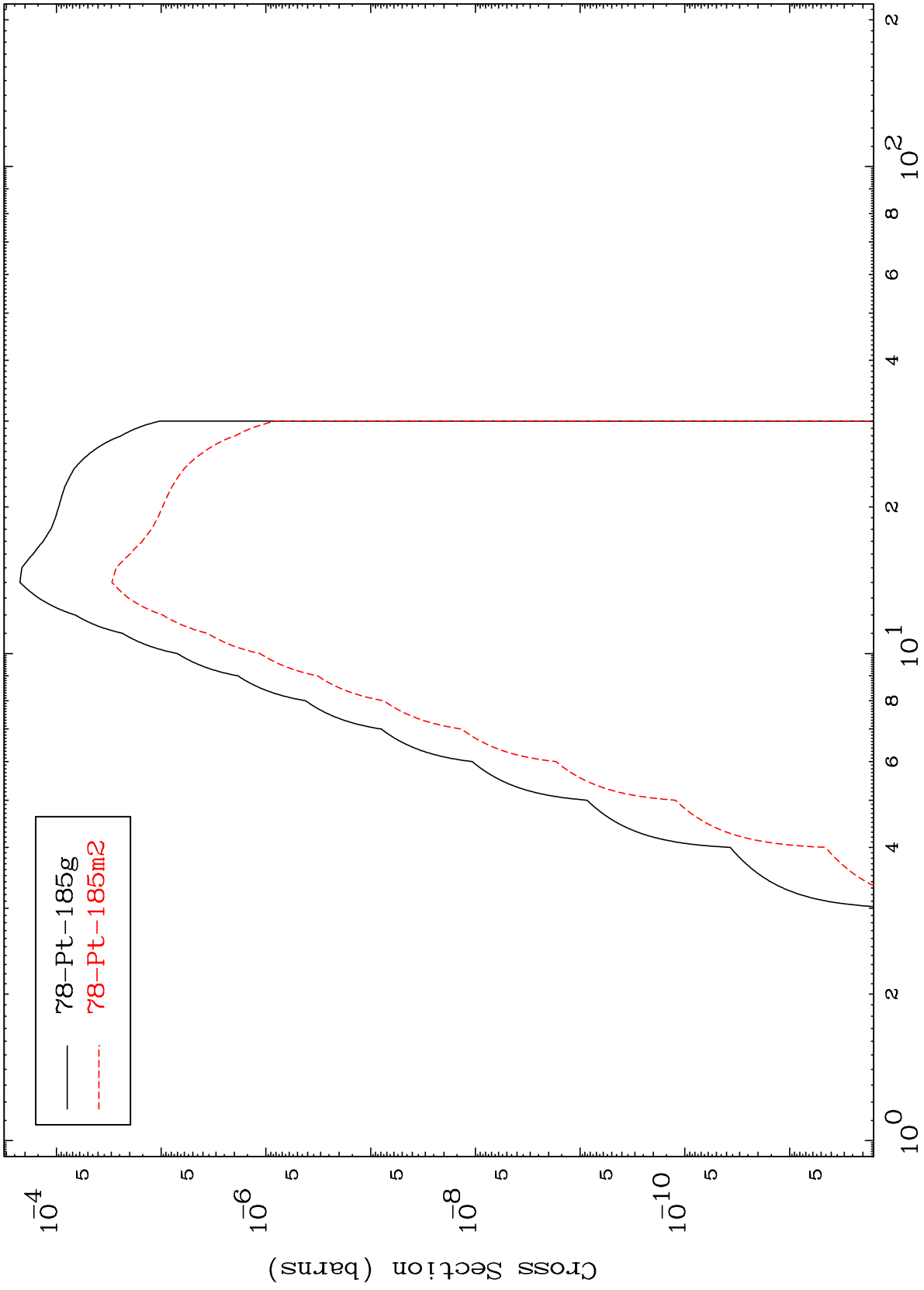
Incident Energy (MeV)

80-Hg-189

MAT 8005

Radionuclide Production Cross Section
(γ, α)

80-Hg-189



18

Incident Energy (MeV)

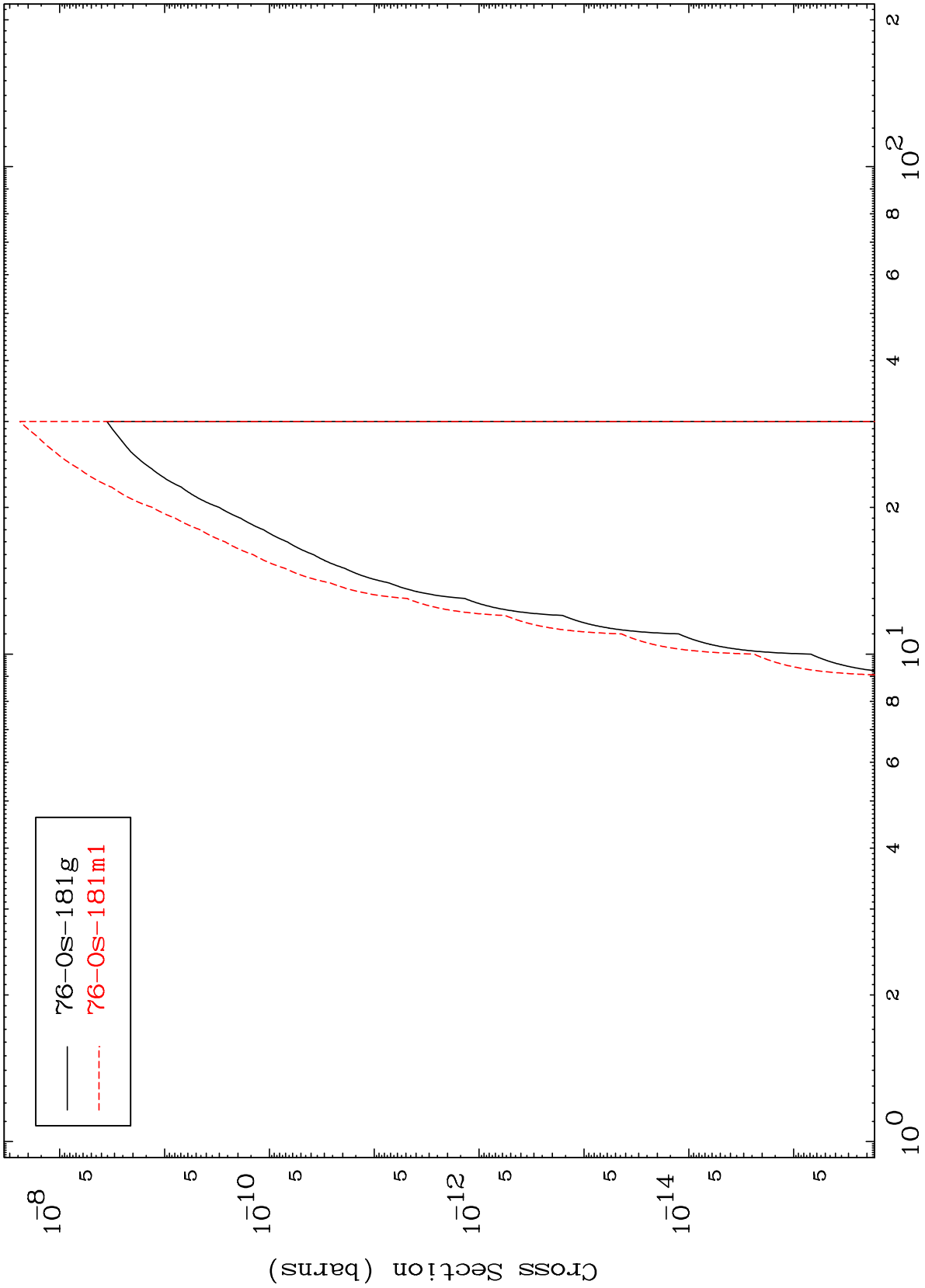
80-Hg-189

MAT 8005

($\gamma, 2\alpha$)

80-Hg-189

Radionuclide Production Cross Section



19

Incident Energy (MeV)

80-Hg-189