

Program EVALPLOT
(Version 2018-1)

by

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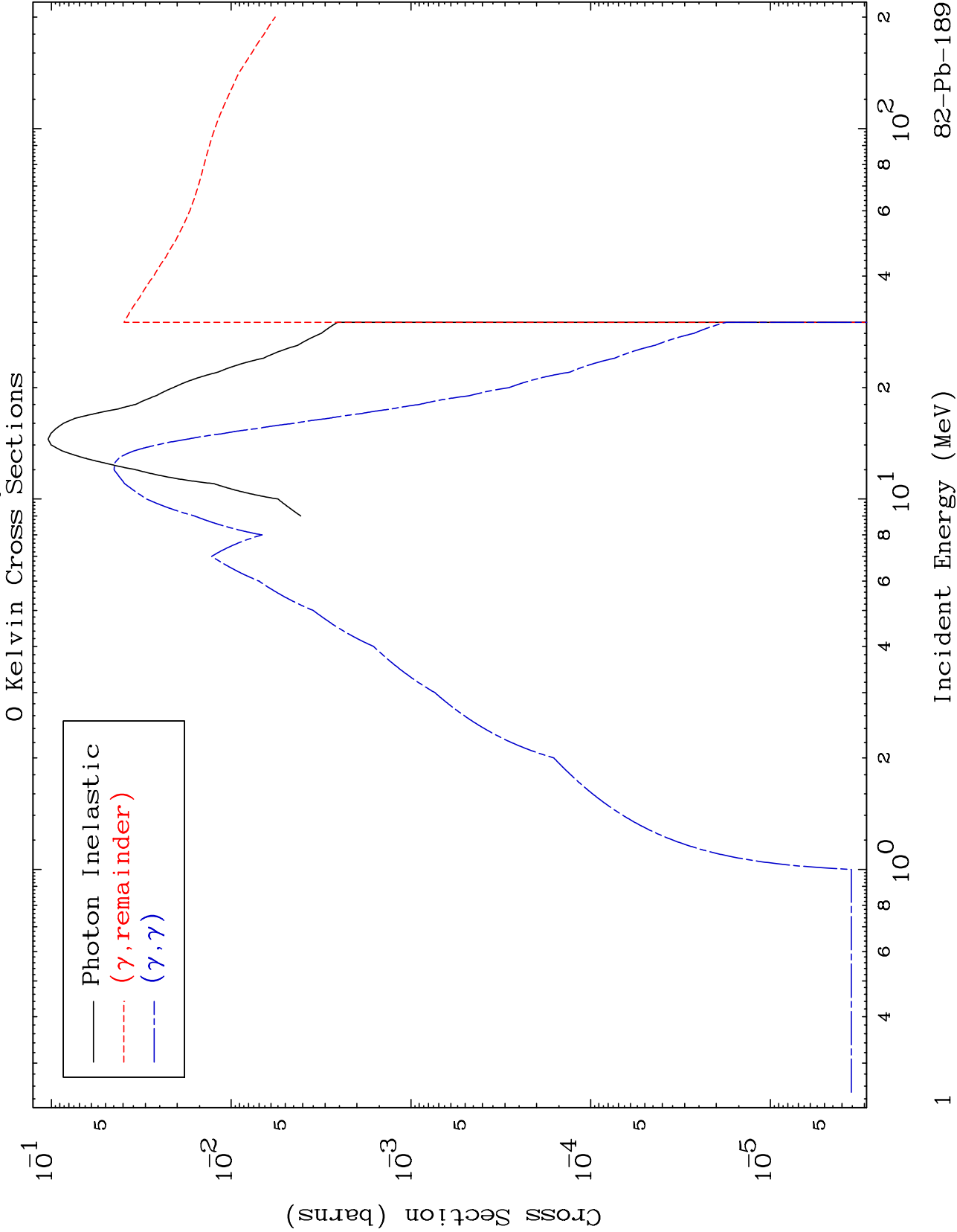
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8180

Photon Major

82-Pb-189

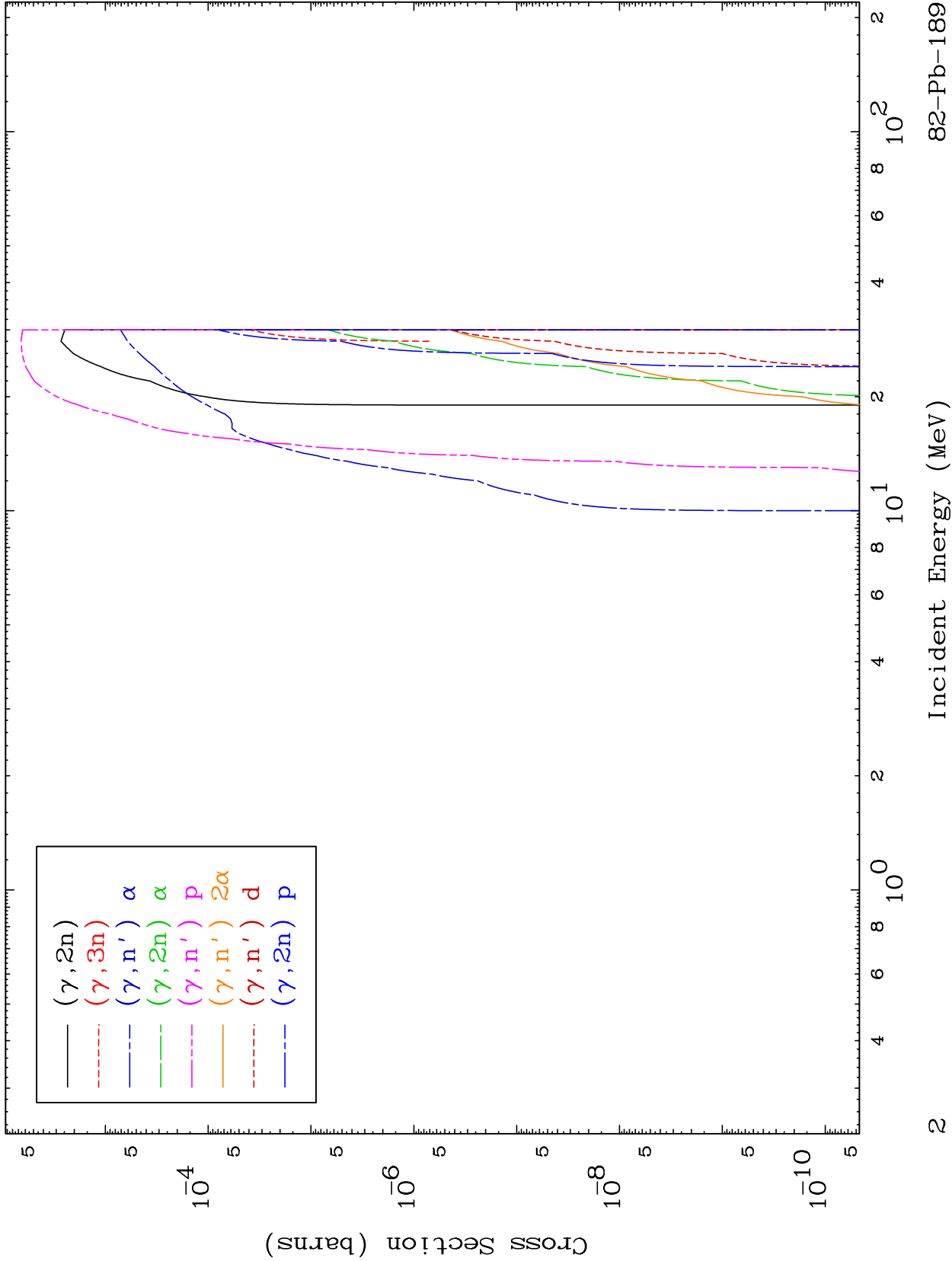


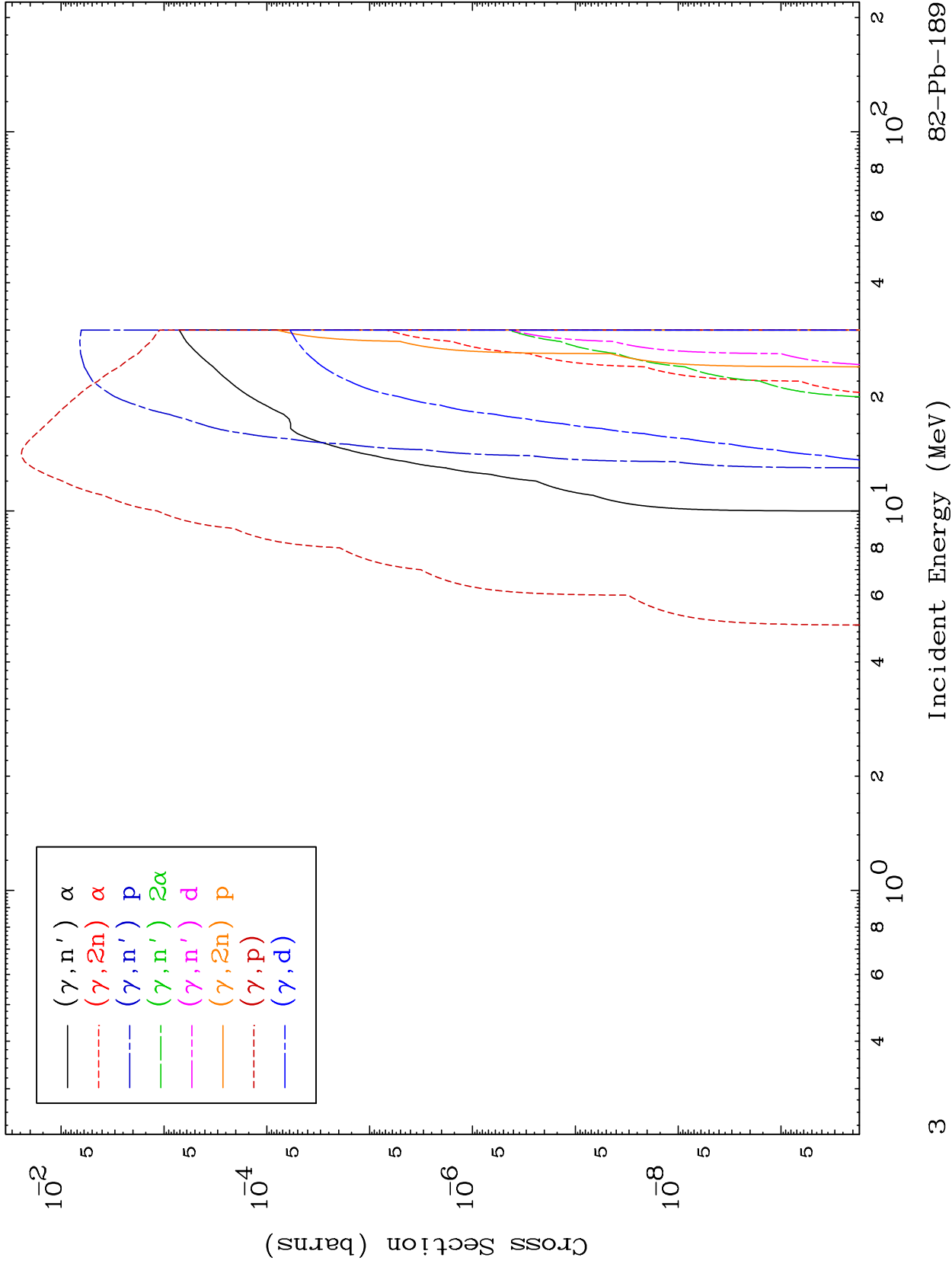
Photon Inelastic
(γ , remainder)
(γ , γ)

MAT 8180

Photon Neutron Production
0 Kelvin Cross Sections

82-Pb-189

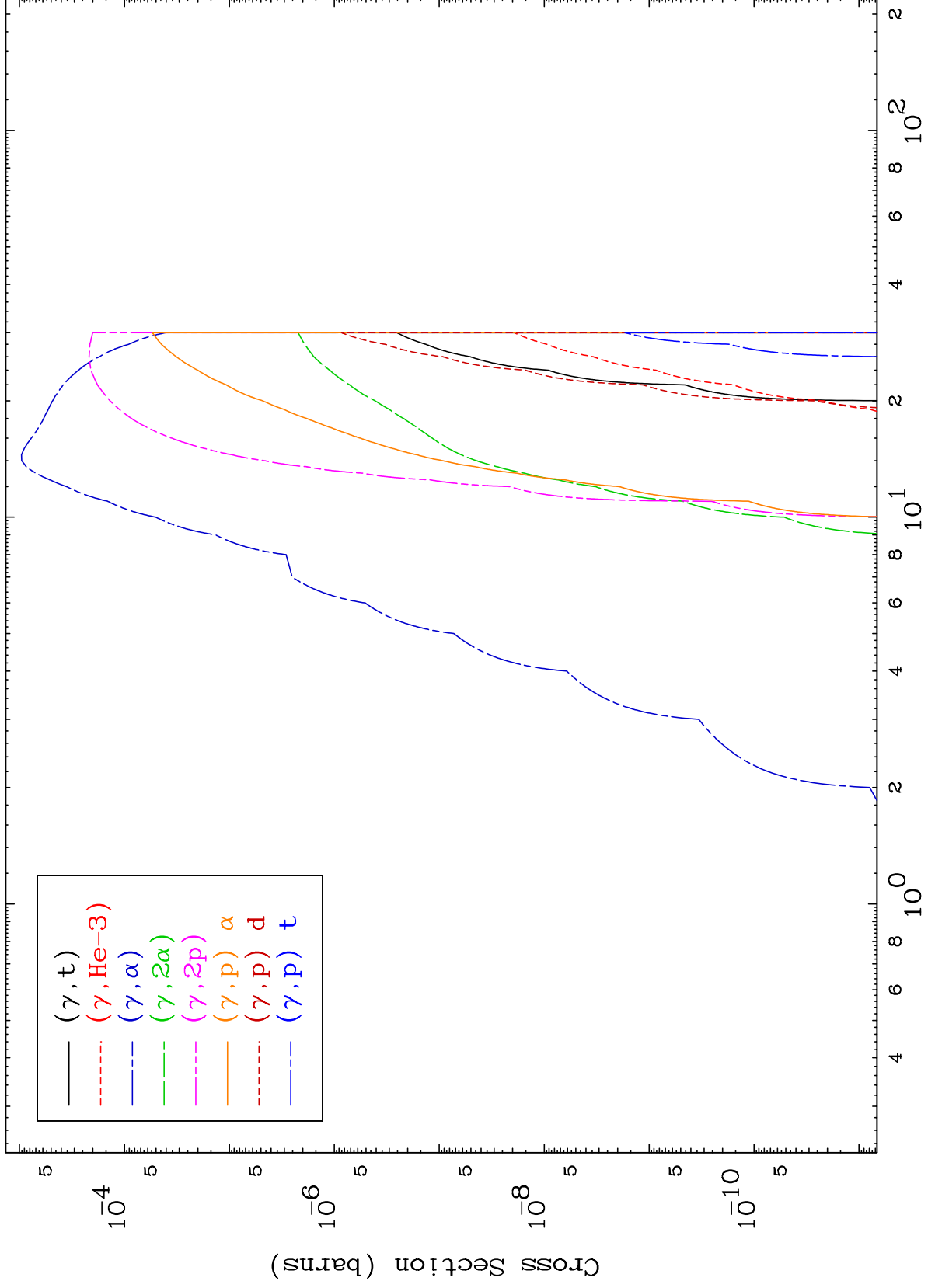




MAT 8180

Photon Charged Particle
0 Kelvin Cross Sections

82-Pb-189

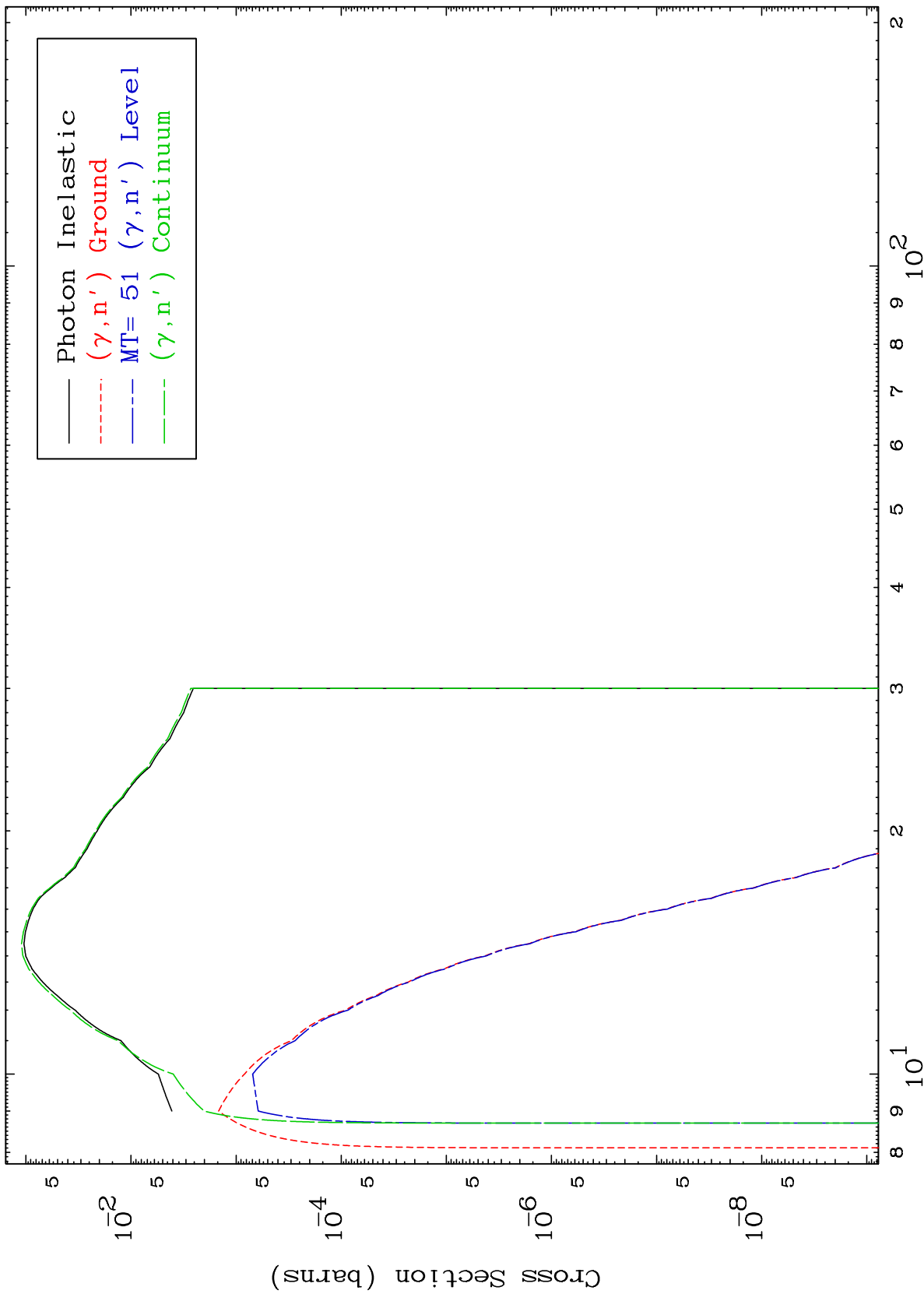


MAT 8180

(γ, n') Level

82-Pb-189

0 Kelvin Cross Sections



Incident Energy (MeV)

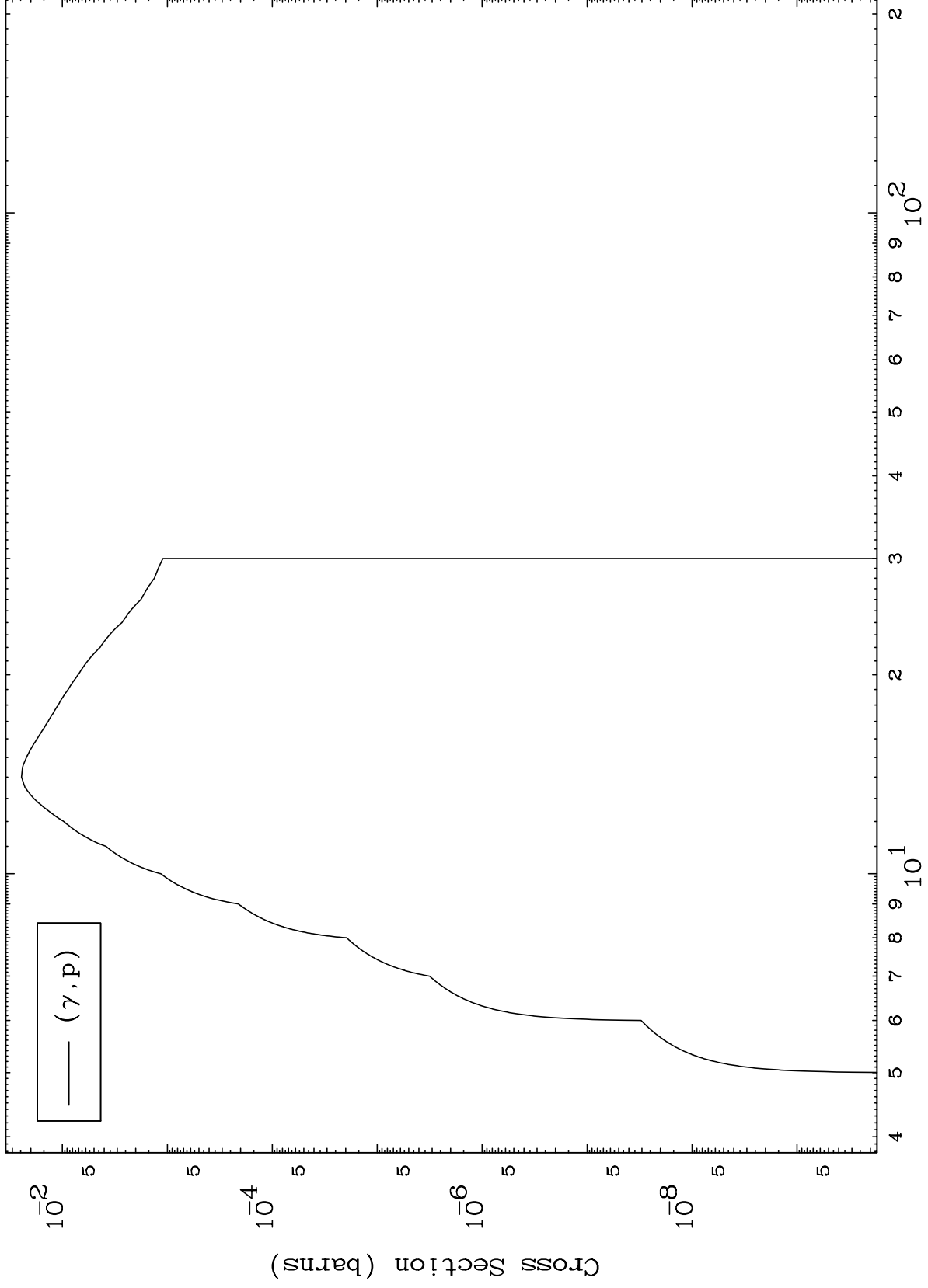
82-Pb-189

5

MAT 8180

(γ, p) Levels
0 Kelvin Cross Sections

82-Pb-189



Incident Energy (MeV)

82-Pb-189

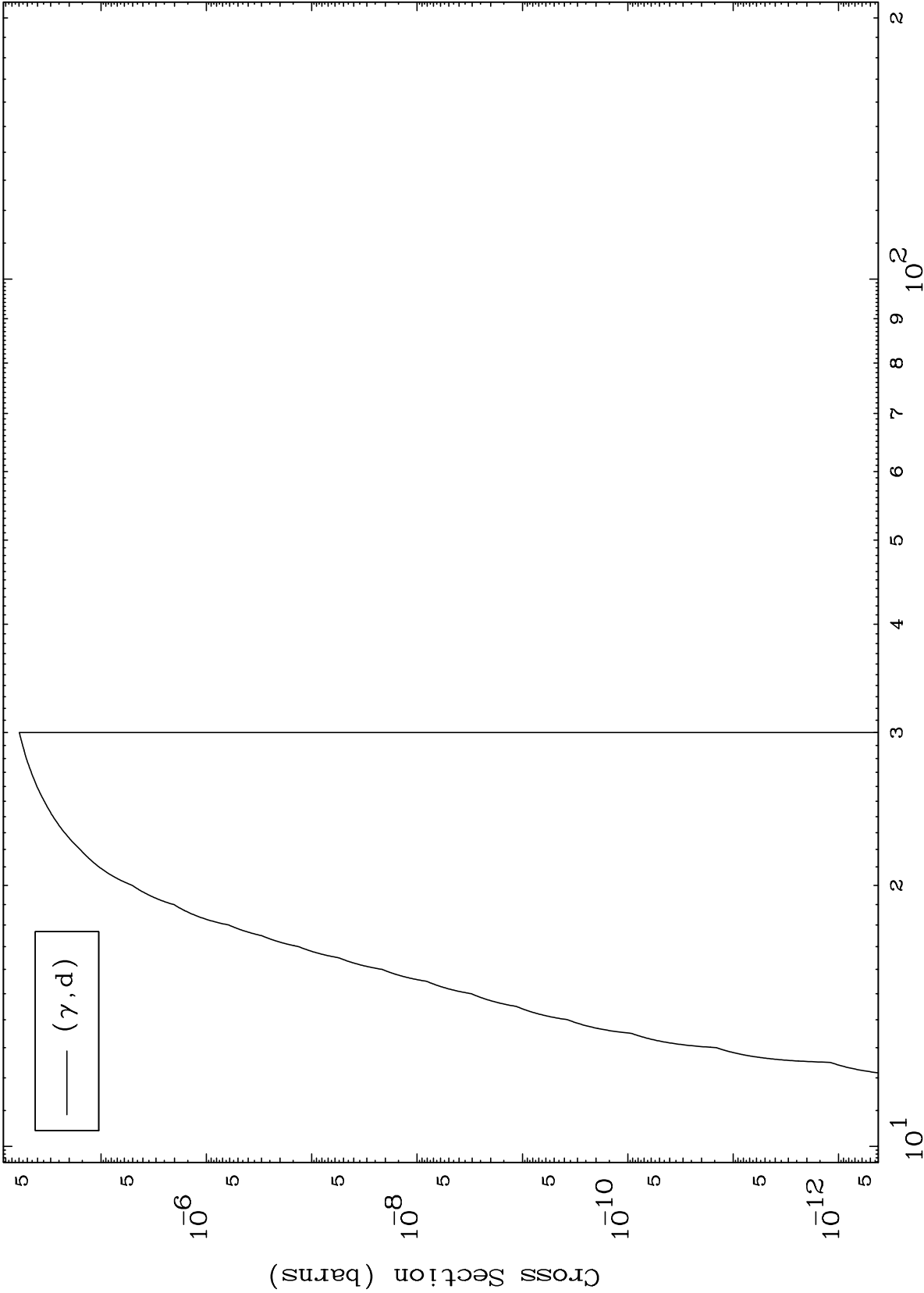
6

MAT 8180

(γ, d) Levels

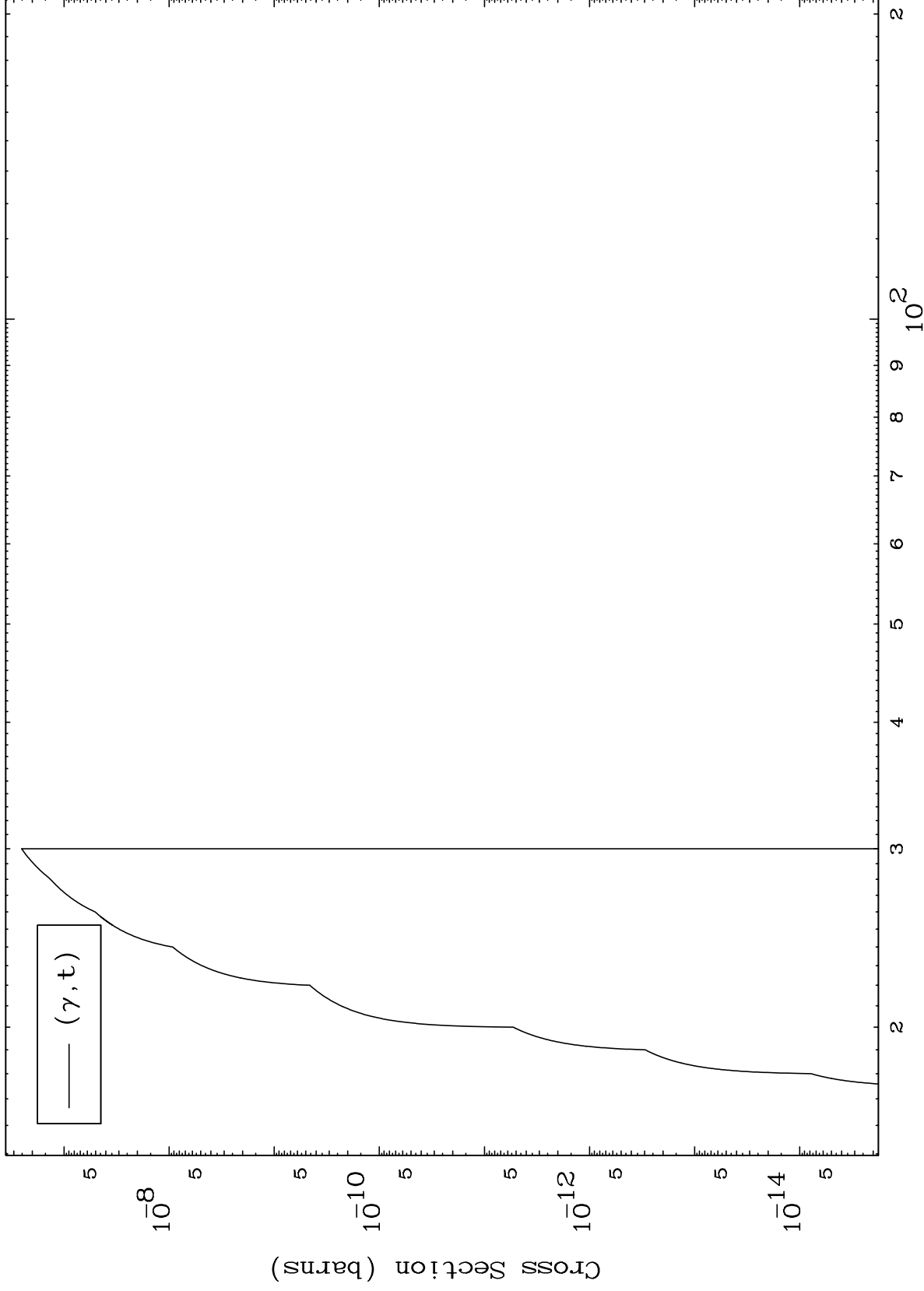
82-Pb-189

0 Kelvin Cross Sections



Incident Energy (MeV)

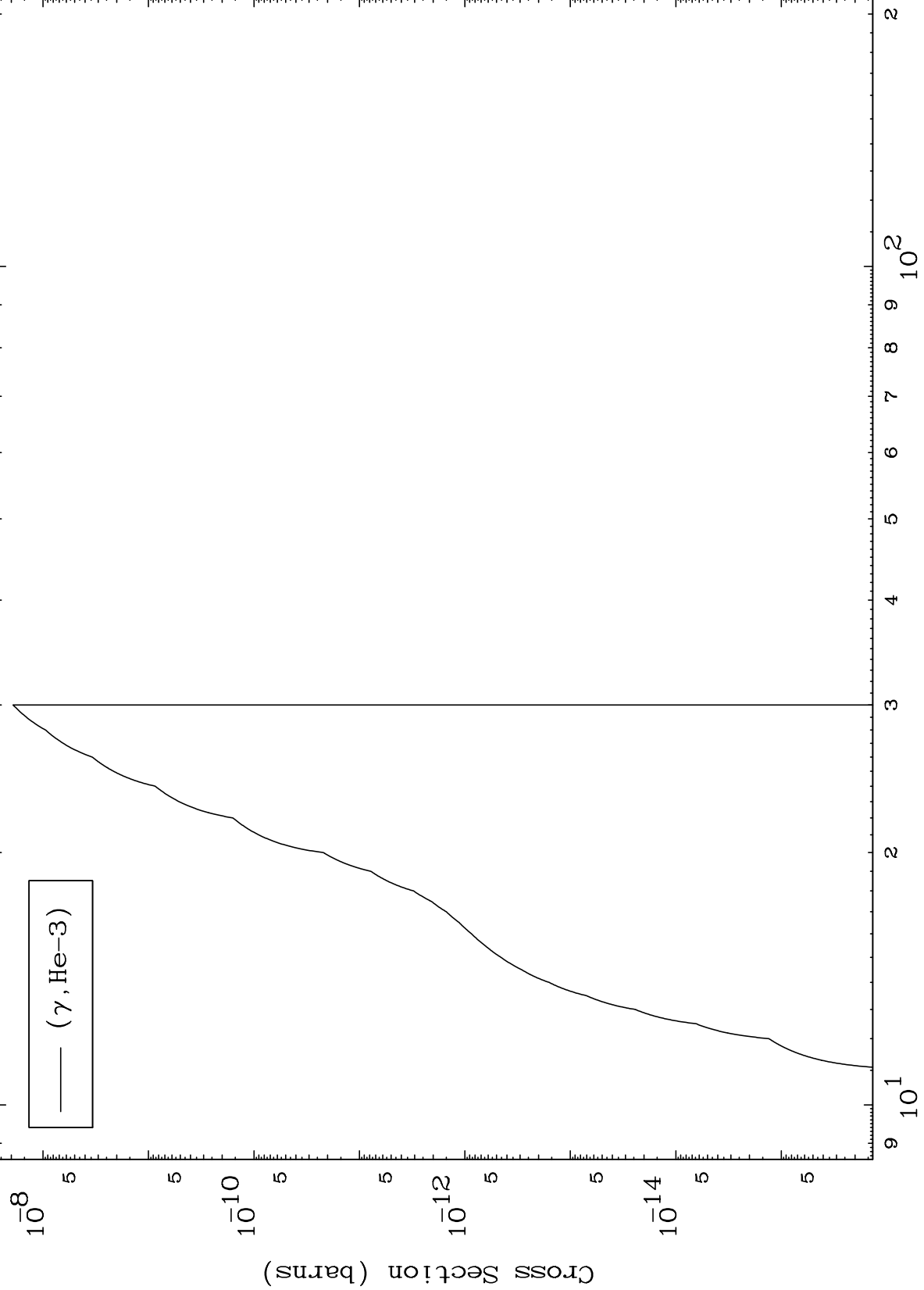
82-Pb-189



MAT 8180

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

82-Pb-189



9

Incident Energy (MeV)

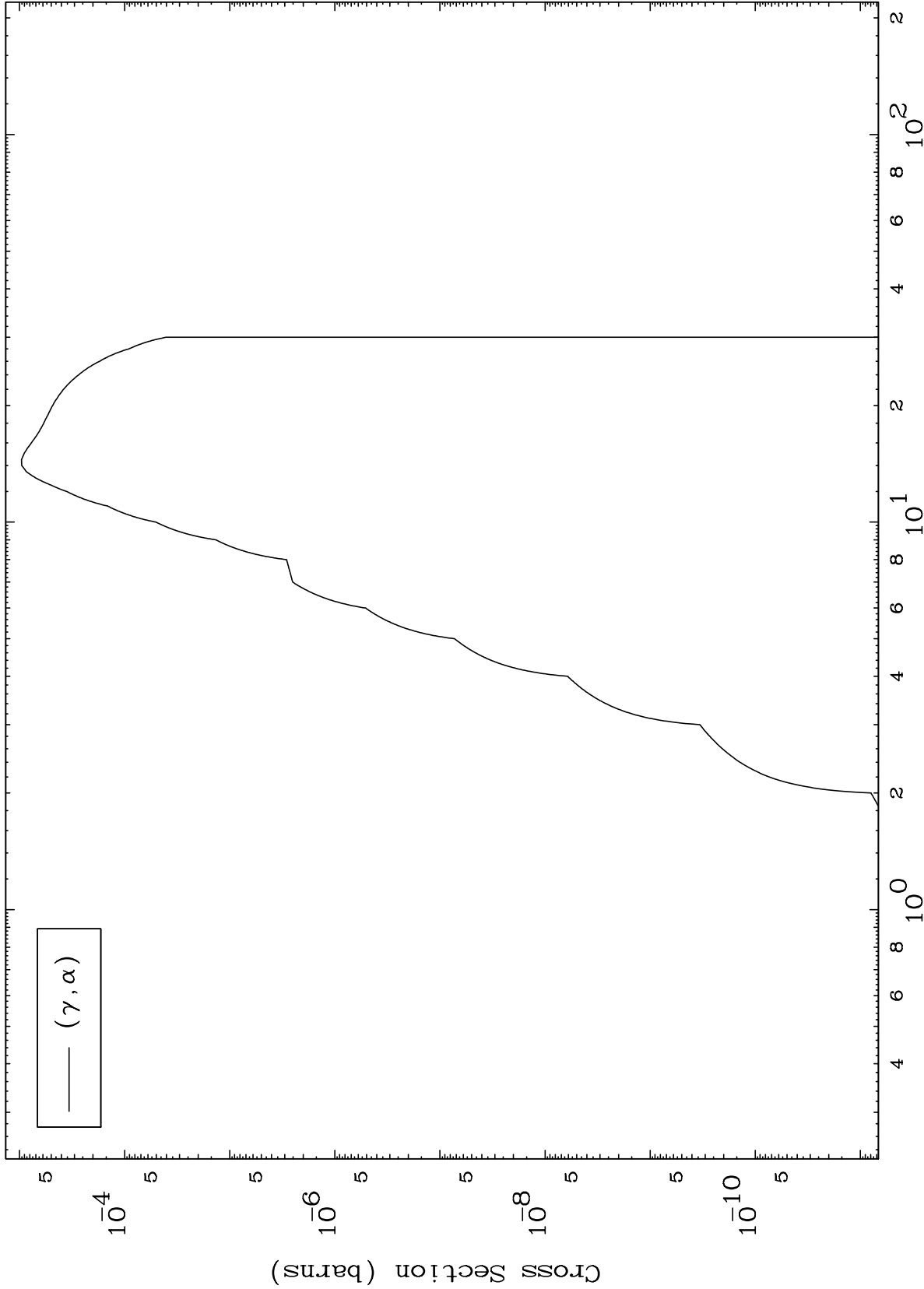
82-Pb-189

MAT 8180

(γ, α) Levels

82-Pb-189

0 Kelvin Cross Sections



10

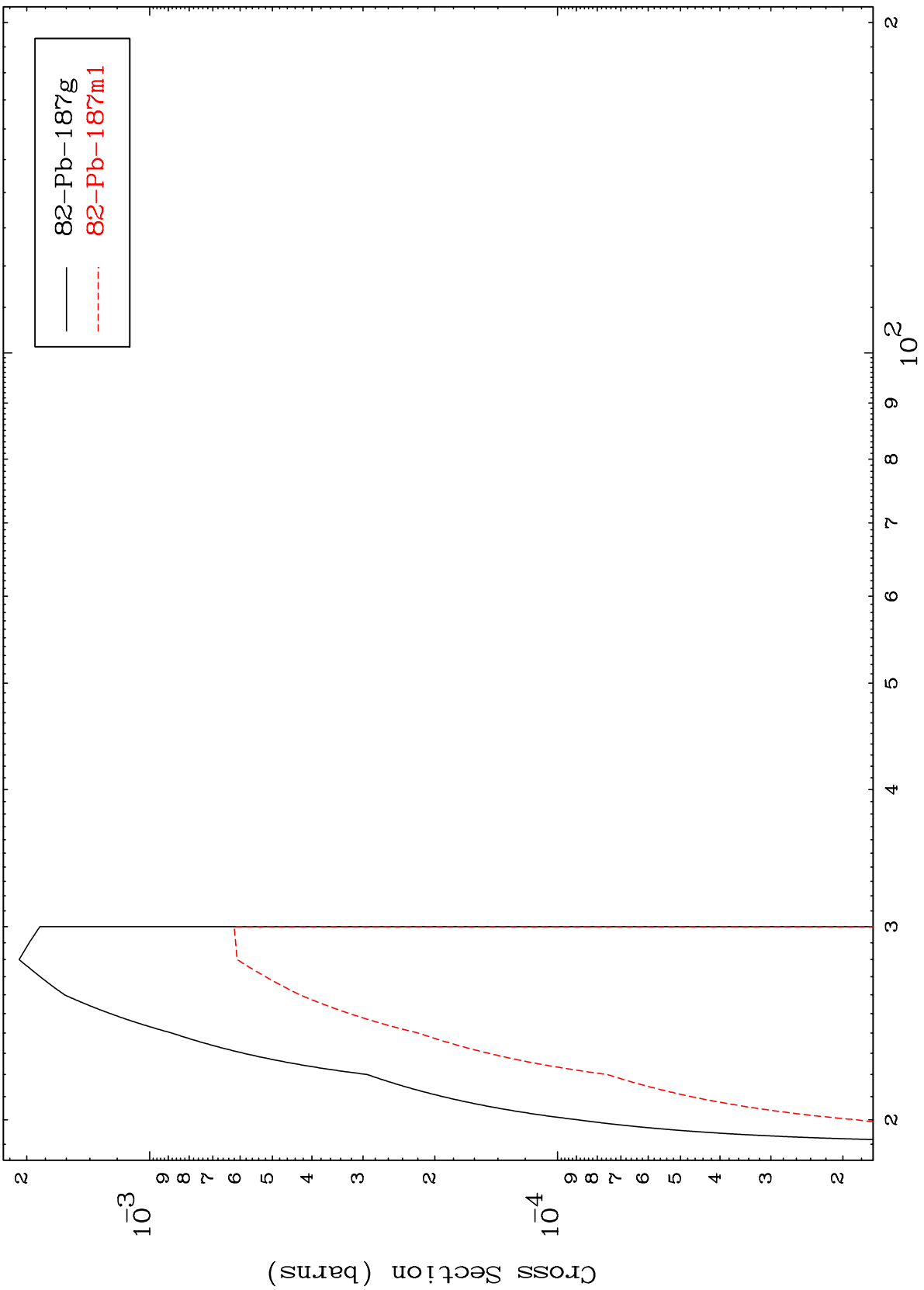
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

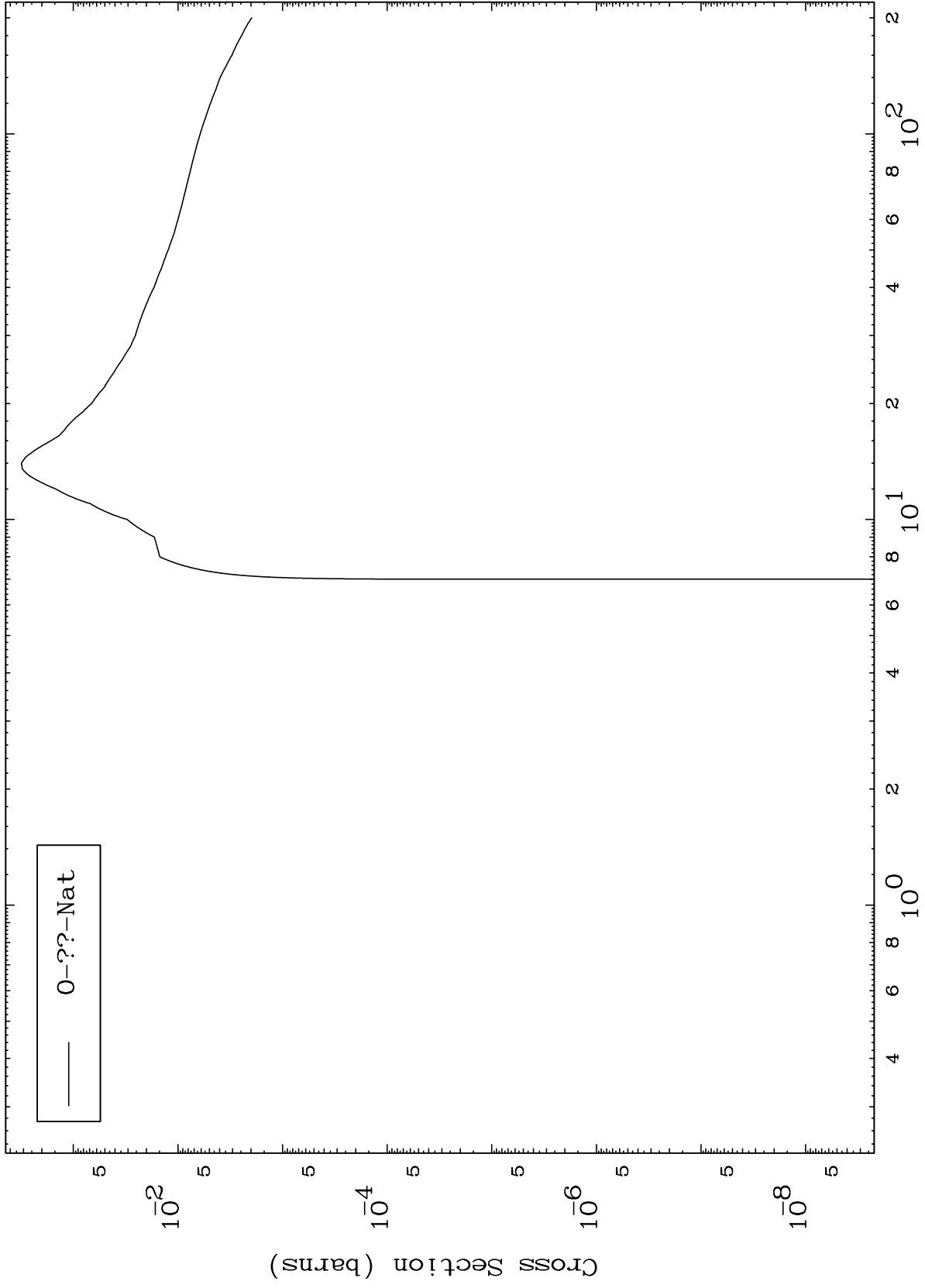
($\gamma, 2n$)
Radionuclide Production Cross Section



MAT 8180

82-Pb-189

Photon Fission
Radionuclide Production Cross Section



12

Incident Energy (MeV)

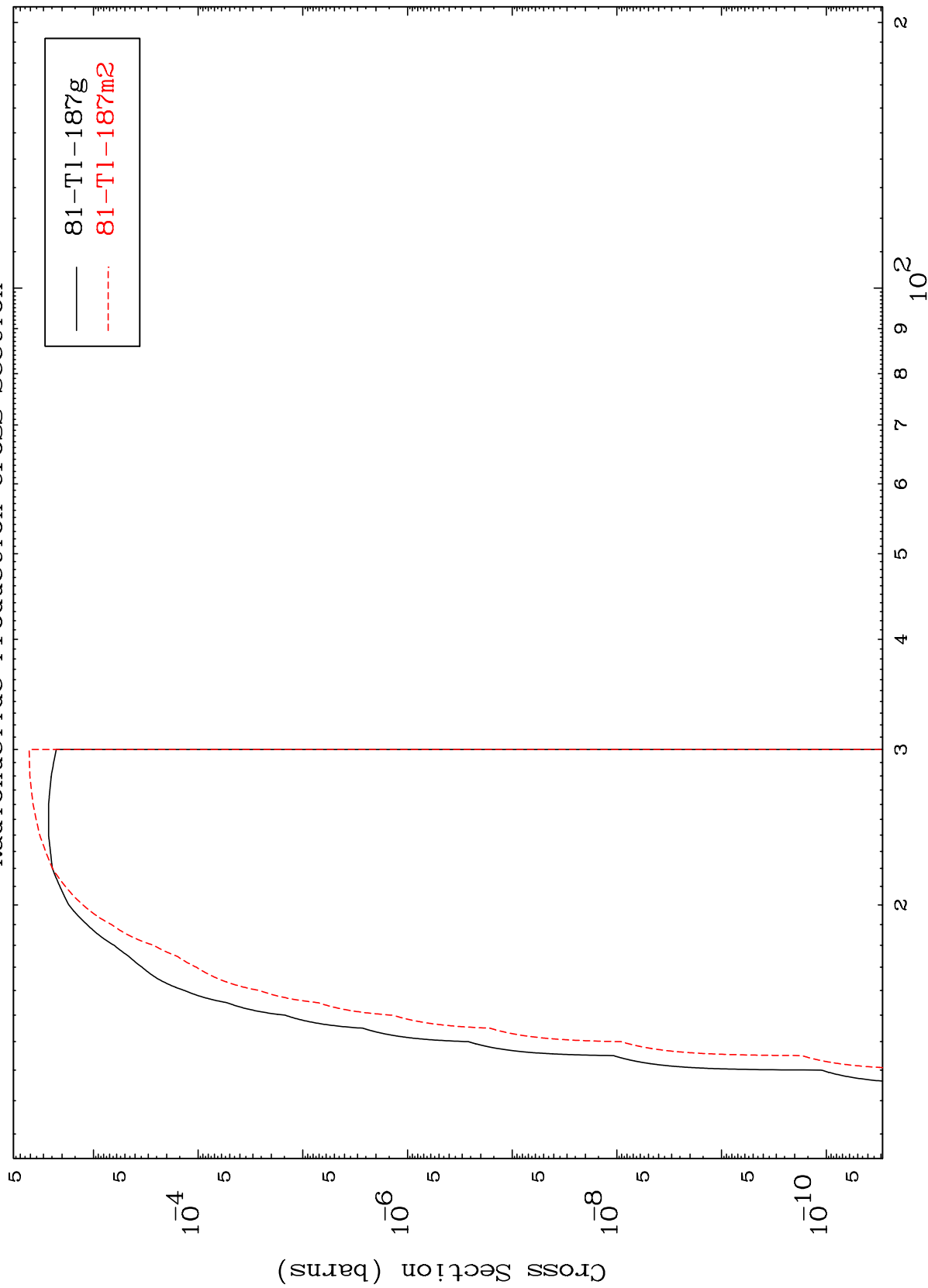
82-Pb-189

MAT 8180

(γ, n') p

82-Pb-189

Radionuclide Production Cross Section



13

Incident Energy (MeV)

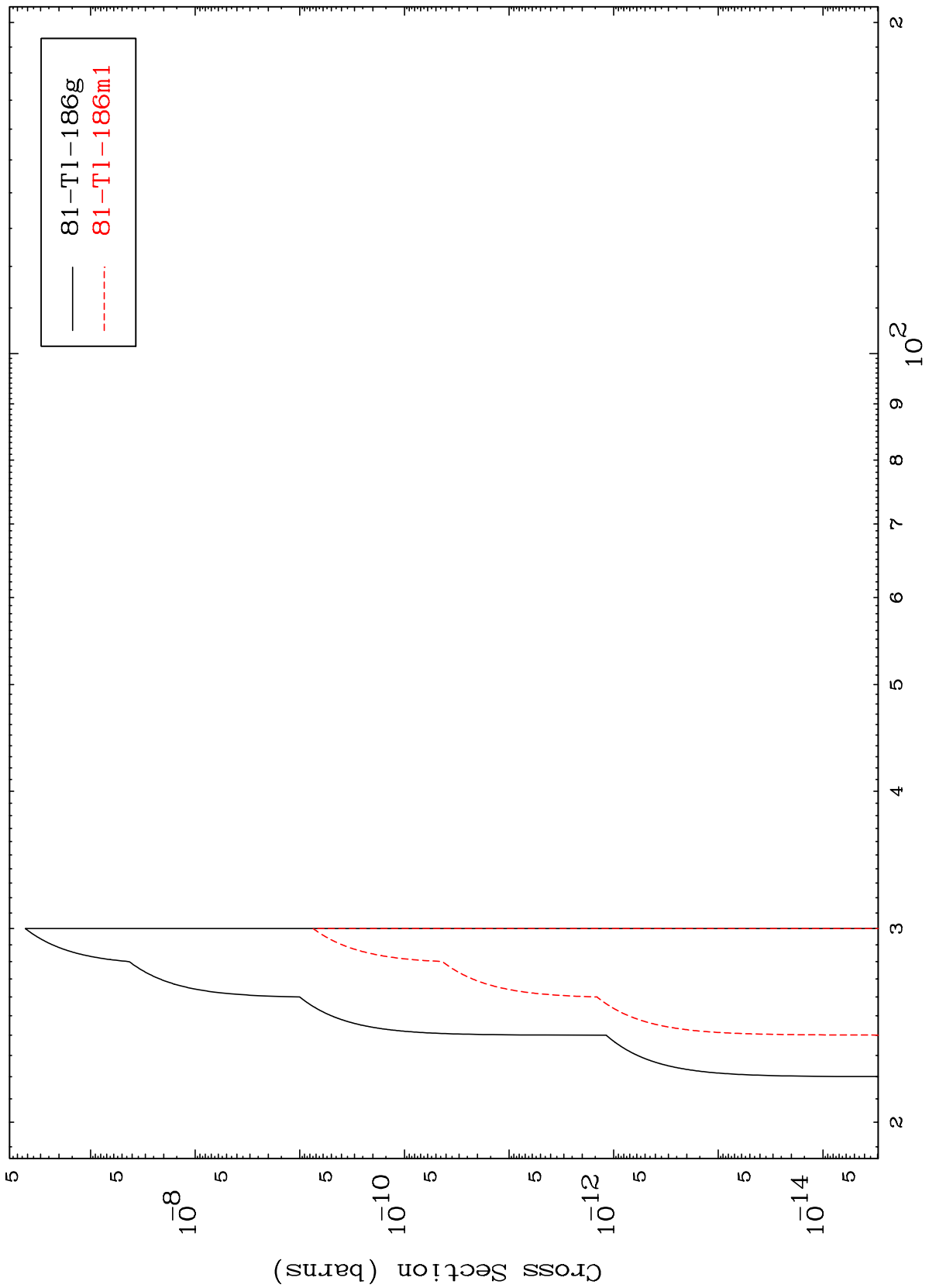
82-Pb-189

MAT 8180

(γ, n') d

82-Pb-189

Radionuclide Production Cross Section



14

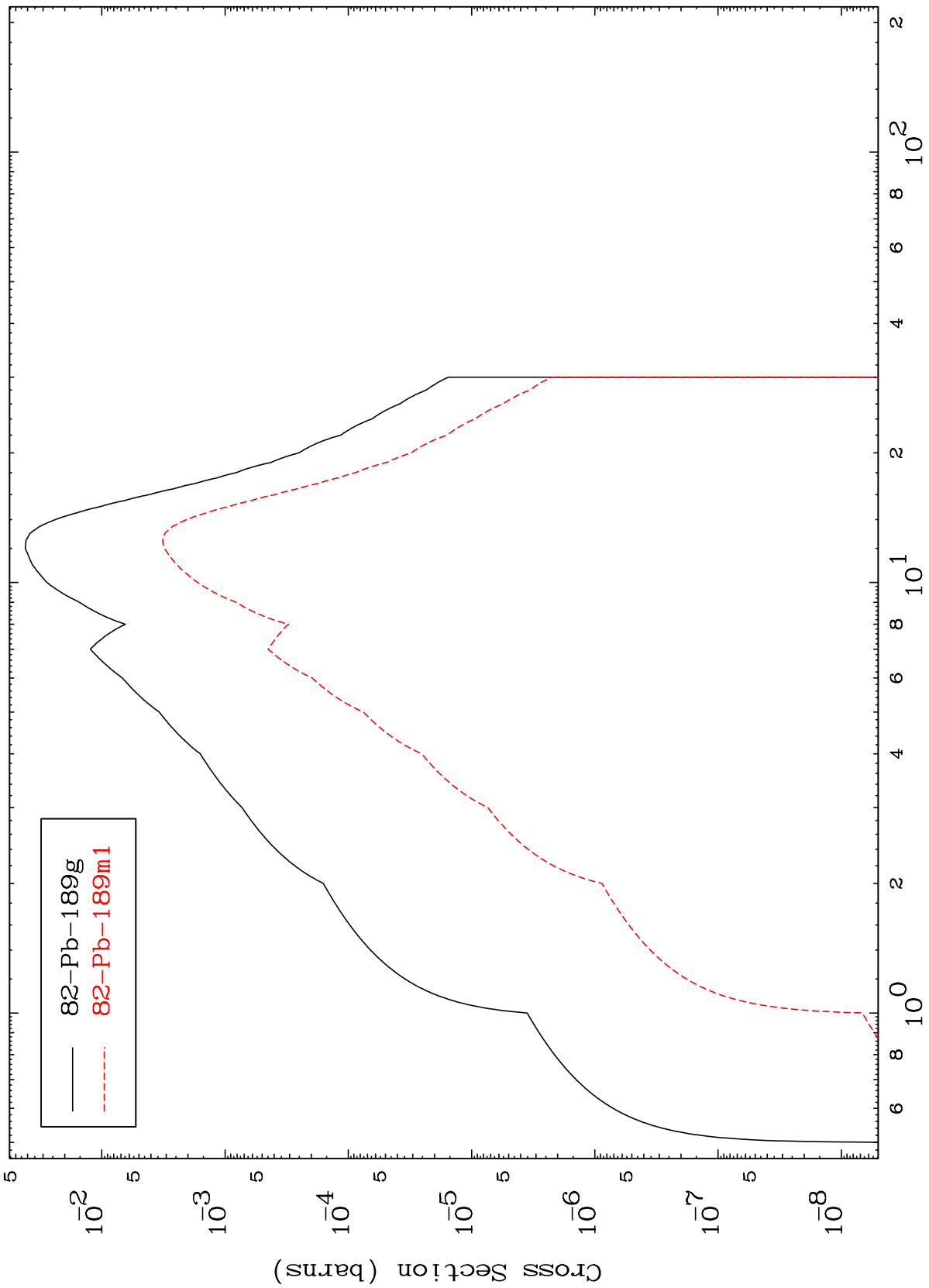
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

Radionuclide Production Cross Section
(γ, γ)



82-Pb-189g
82-Pb-189m1

16

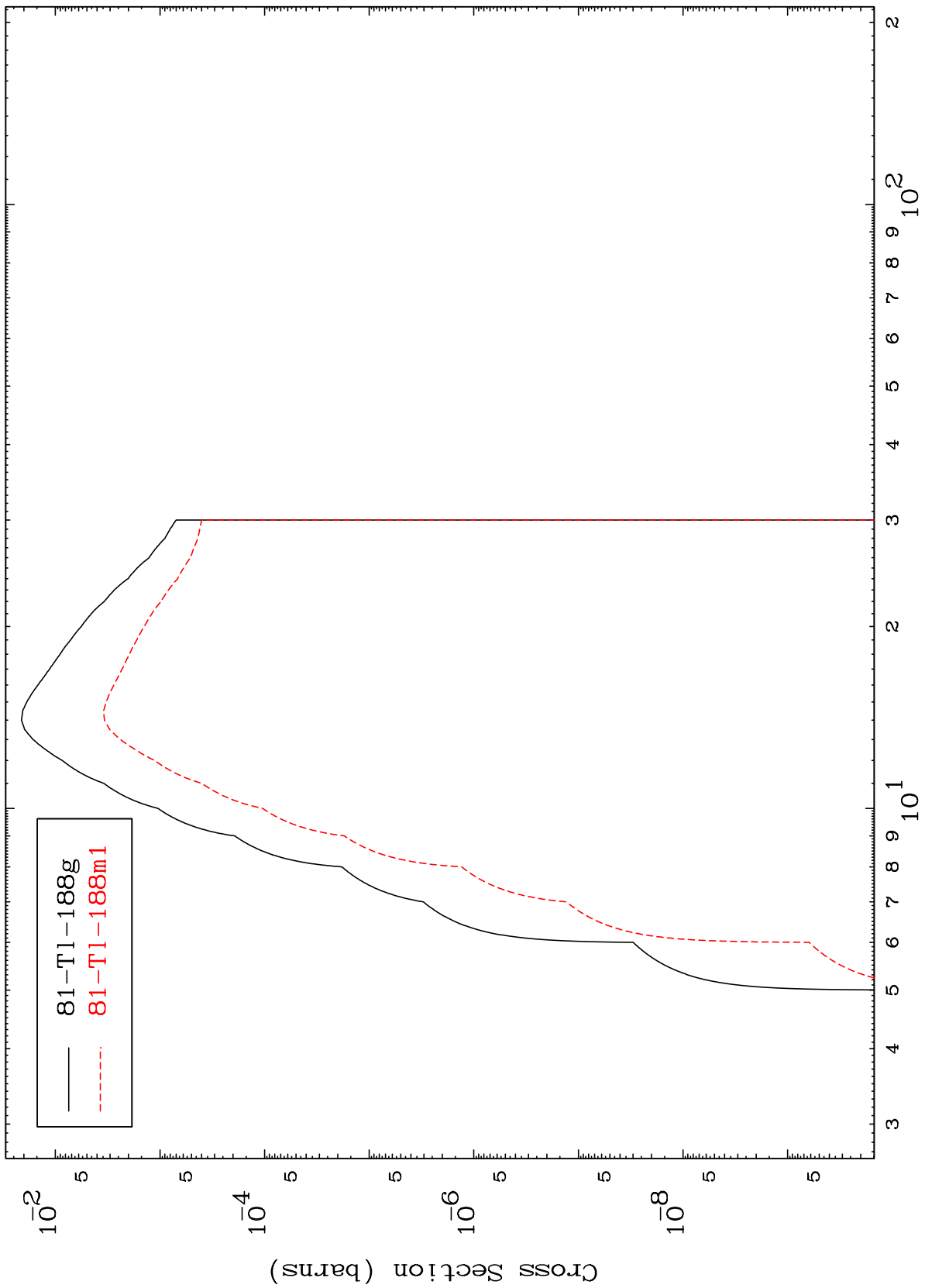
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

Radionuclide Production Cross Section
(γ, p)



17

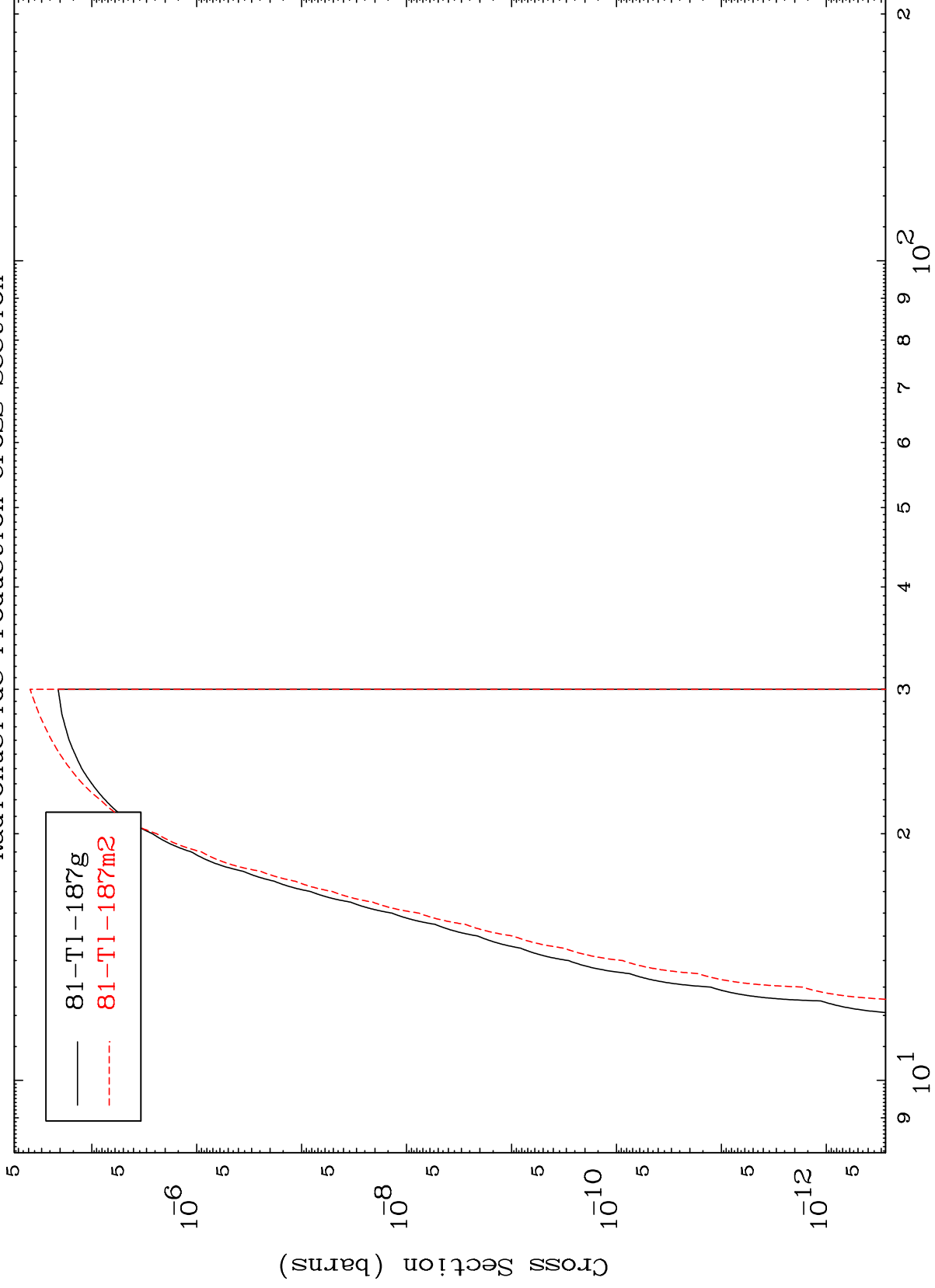
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

(γ, d)
Radionuclide Production Cross Section



18

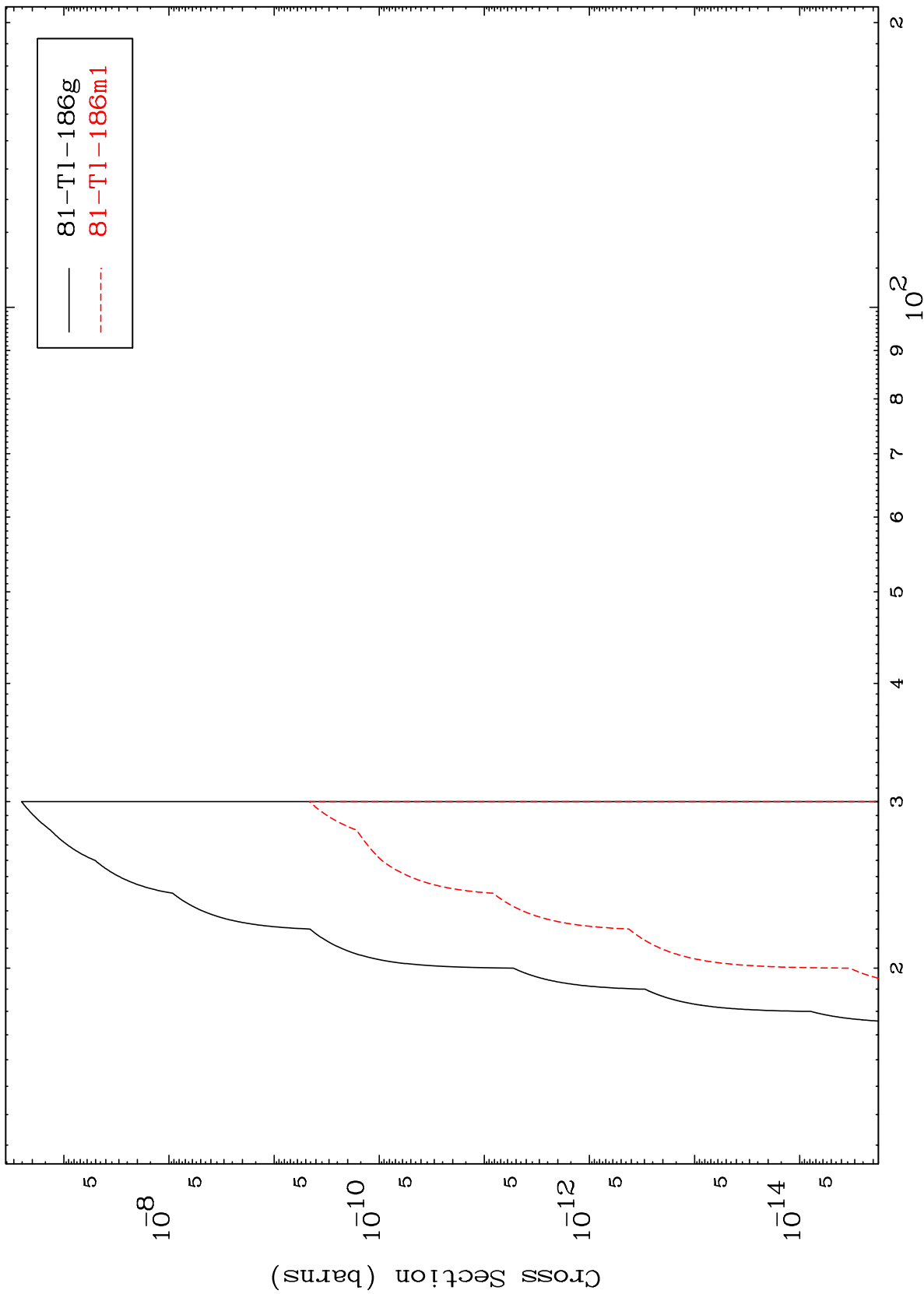
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

(γ, t)
Radionuclide Production Cross Section



19

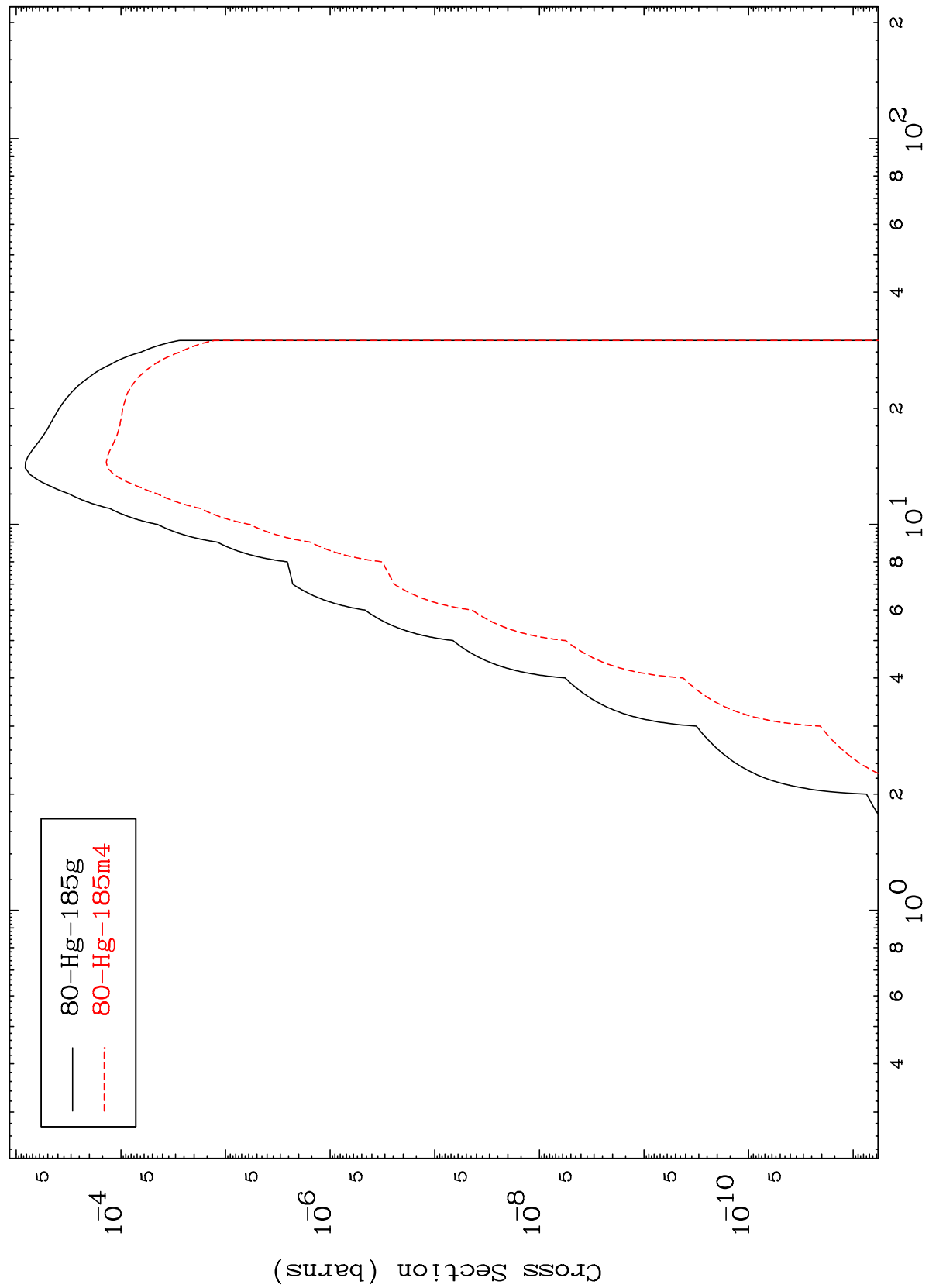
82-Pb-189

Incident Energy (MeV)

MAT 8180

82-Pb-189

Radionuclide Production Cross Section
(γ, α)



82-Pb-189

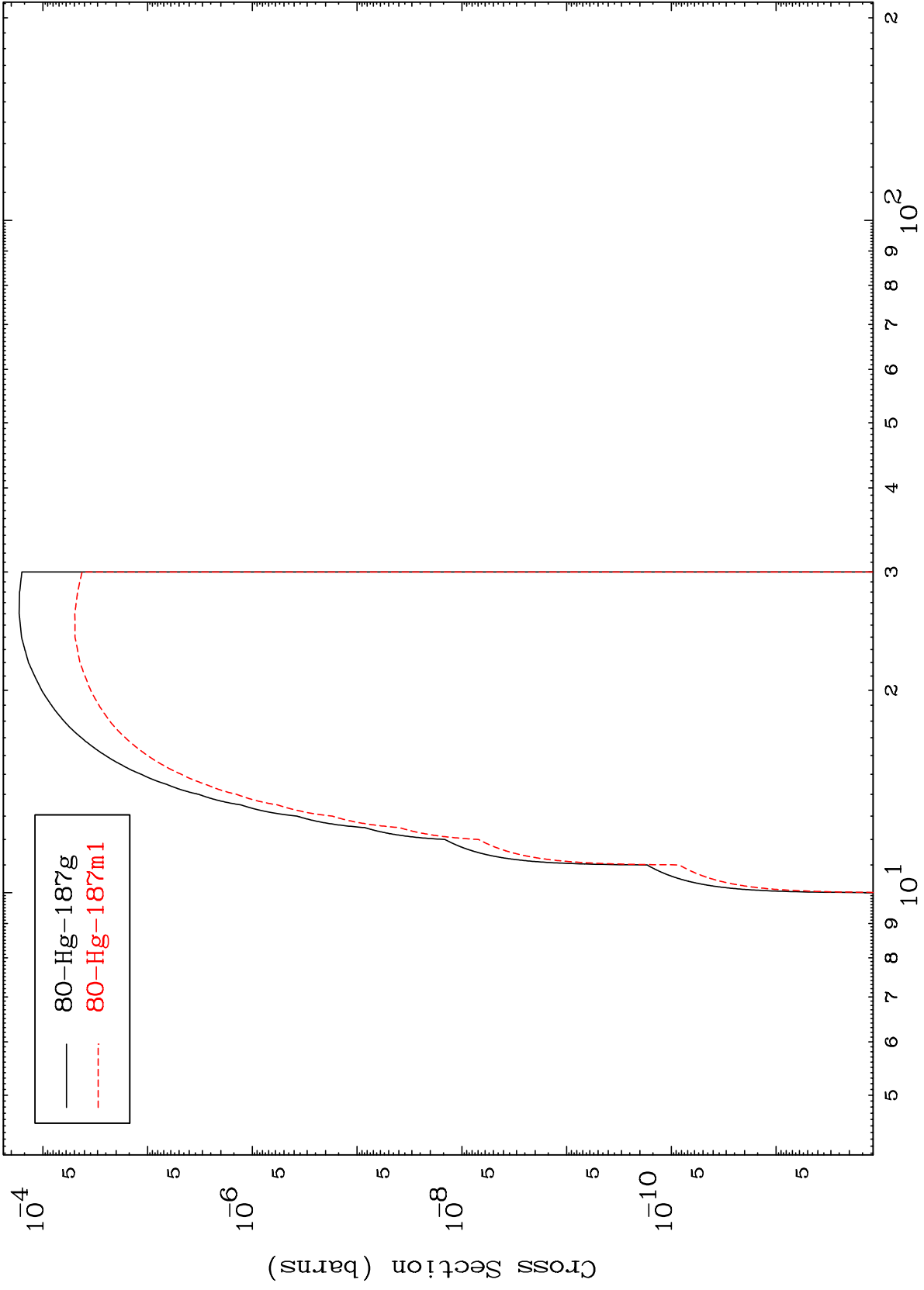
Incident Energy (MeV)

20

MAT 8180

82-Pb-189

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



21

Incident Energy (MeV)

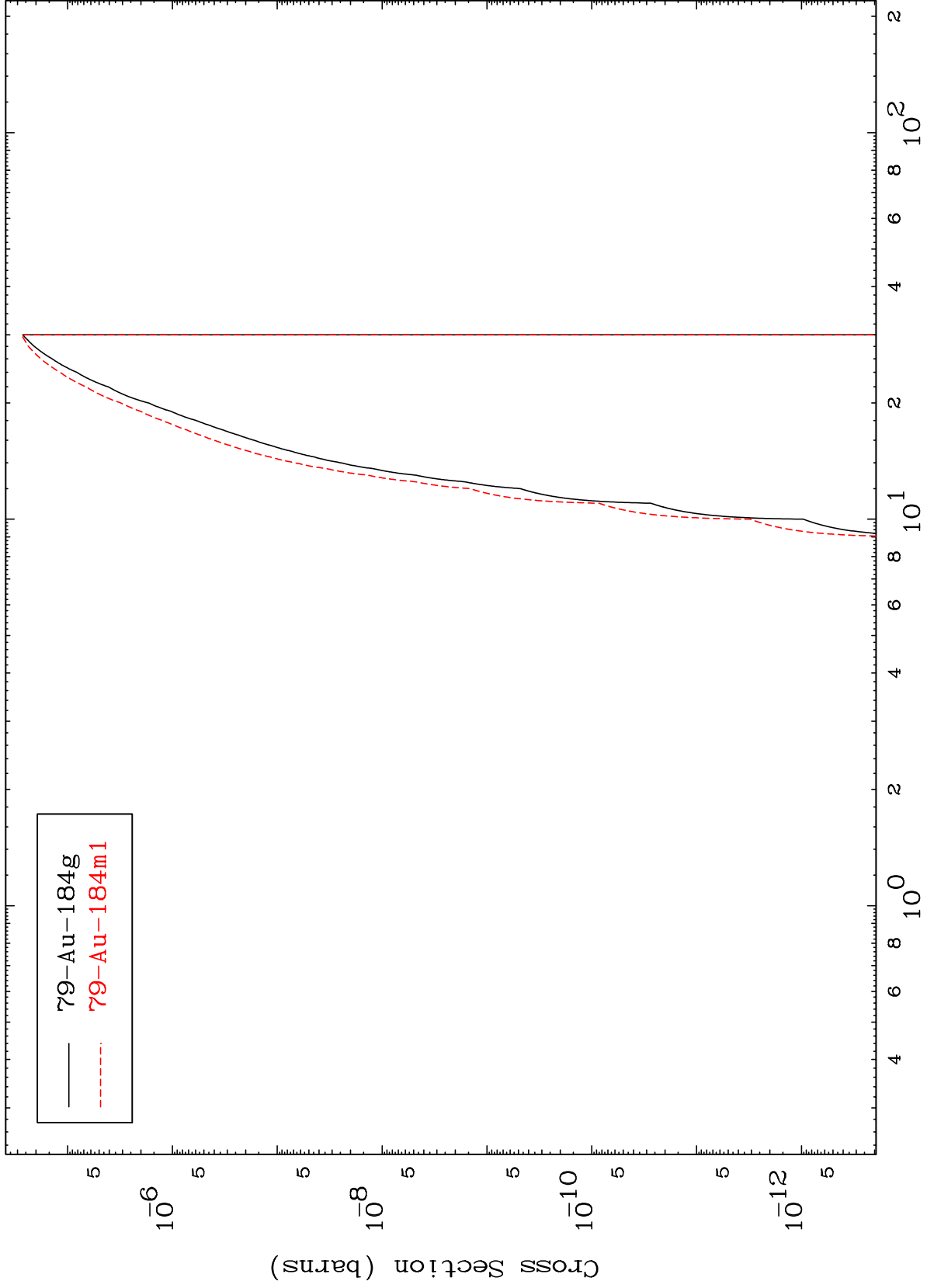
82-Pb-189

MAT 8180

(γ, p) α

82-Pb-189

Radionuclide Production Cross Section

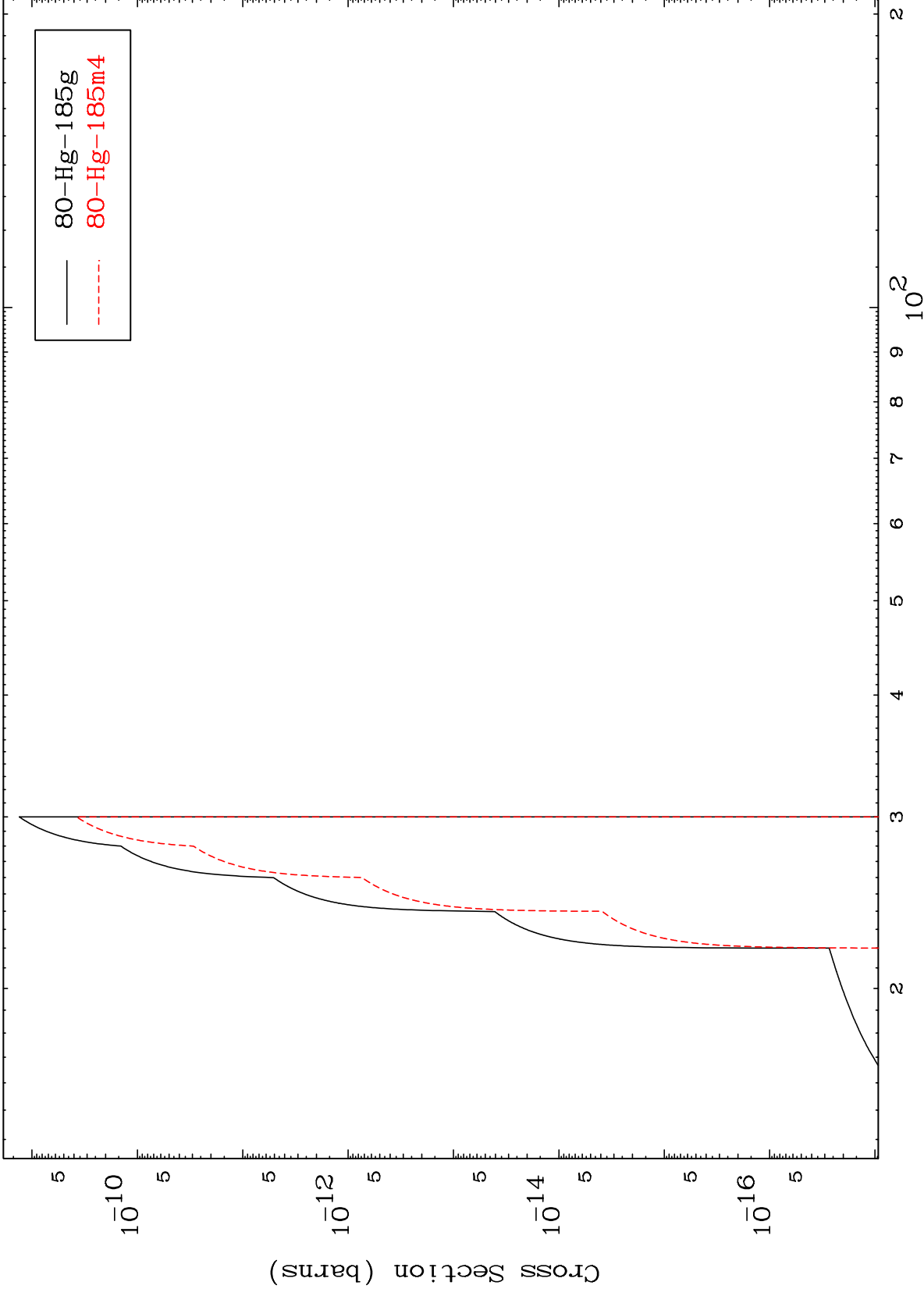


MAT 8180

(γ,p) t

82-Pb-189

Radionuclide Production Cross Section



23

Incident Energy (MeV)

82-Pb-189