

Program EVALPLOT
(Version 2018-1)

by

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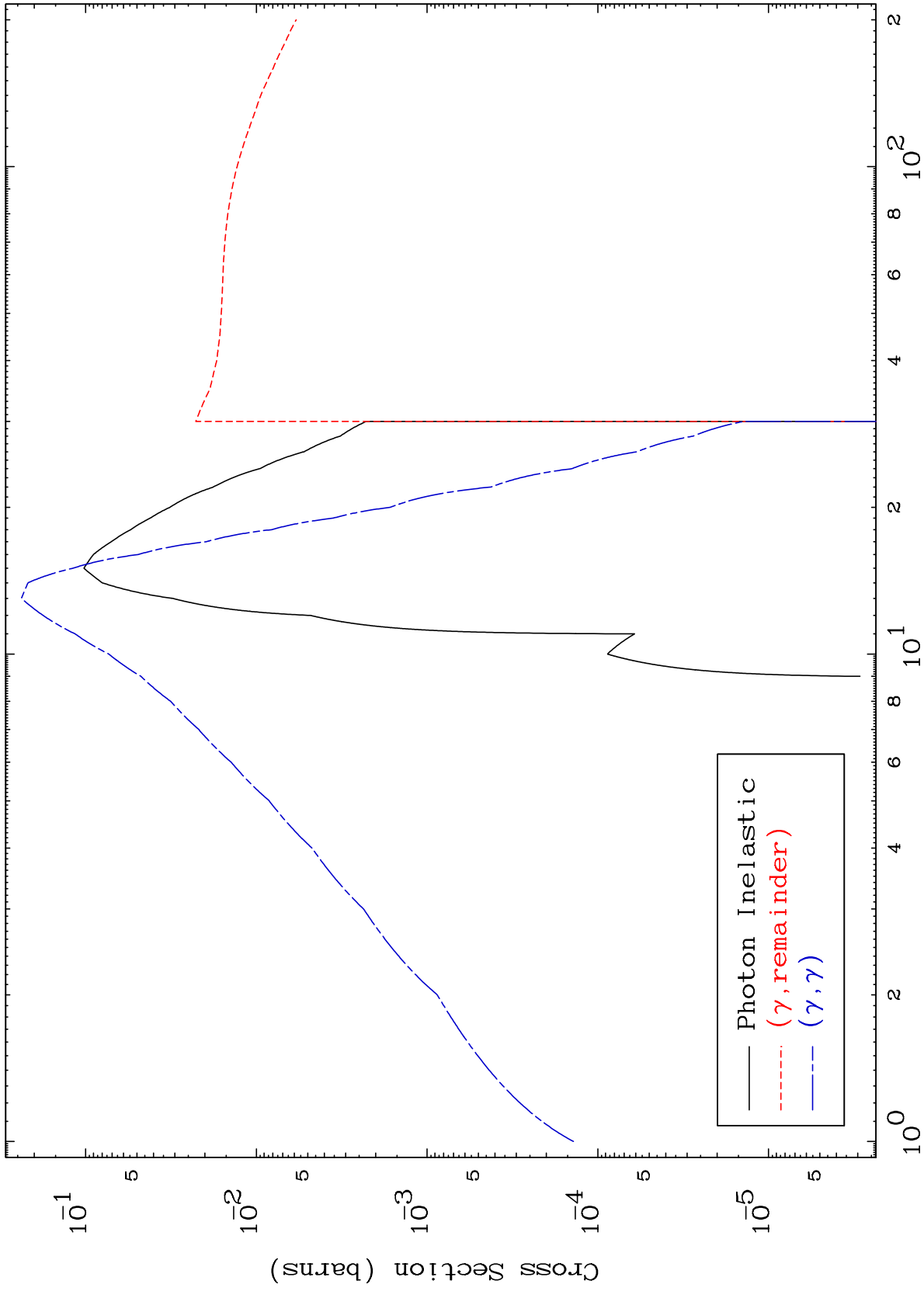
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8269

Photon Major
0 Kelvin Cross Sections

83-Bi-190



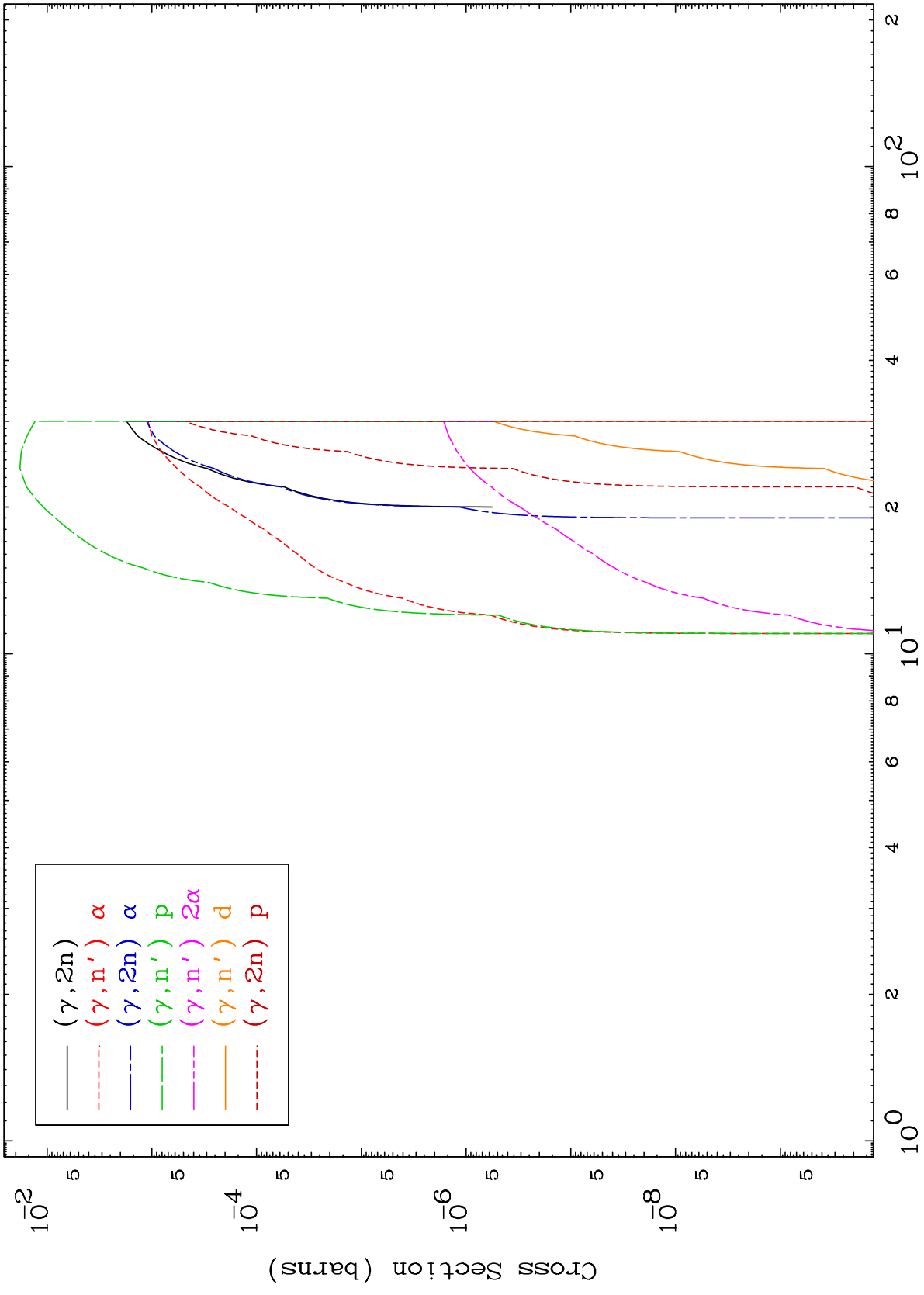
Incident Energy (MeV)

83-Bi-190

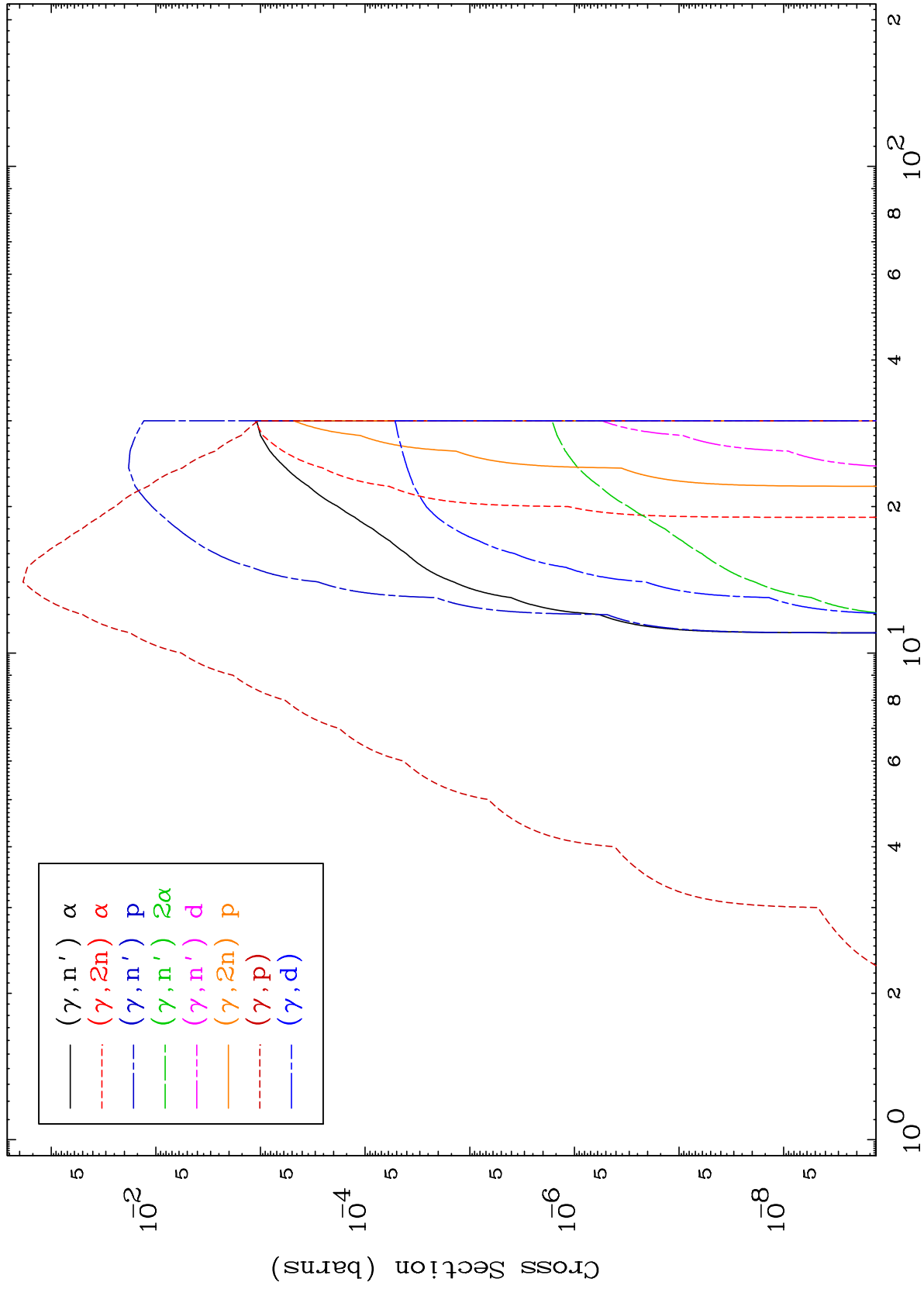
MAT 8269

Photon Neutron Production
0 Kelvin Cross Sections

83-Bi-190



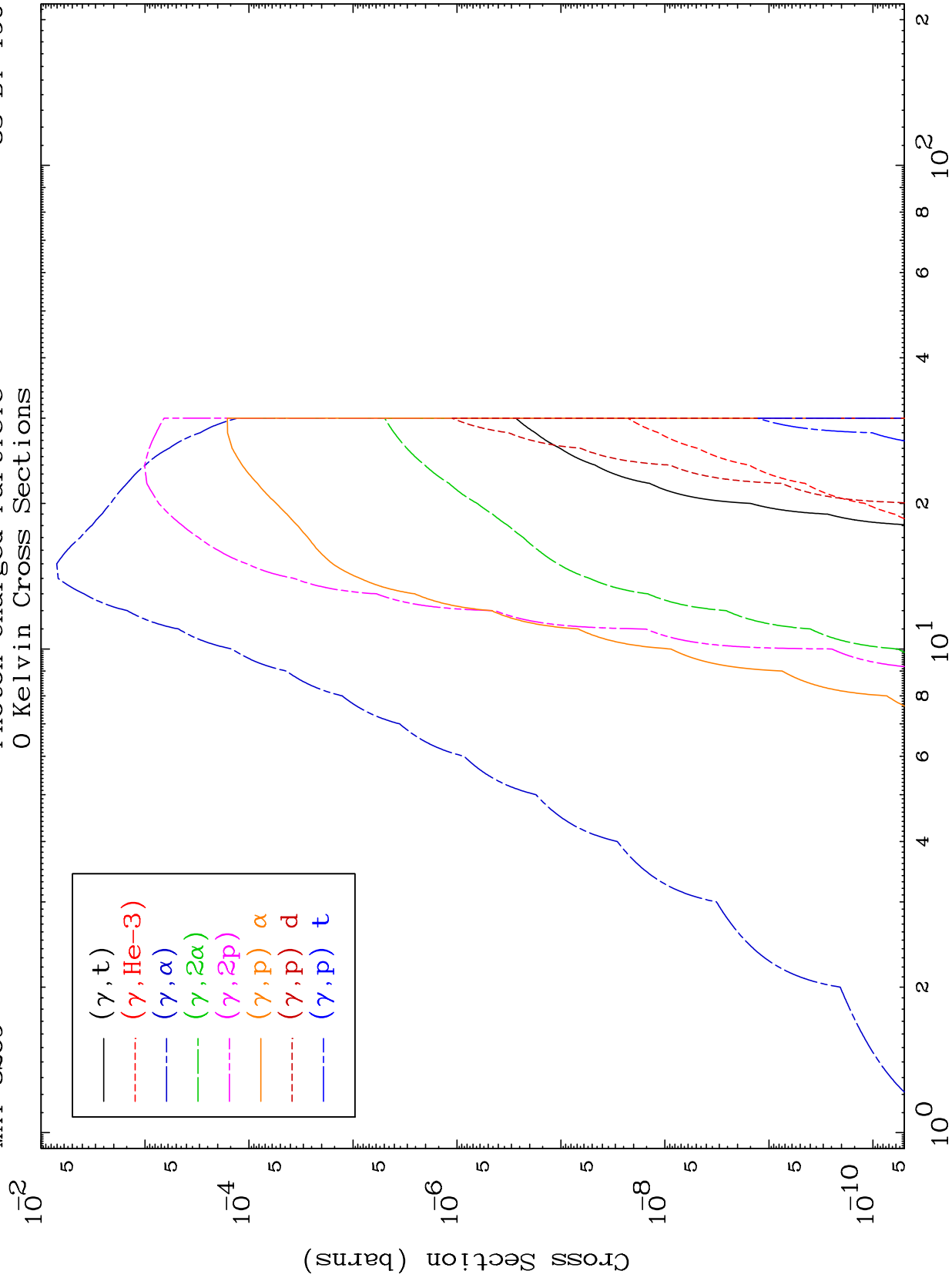
83-Bi-190



MAT 8269

Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-190



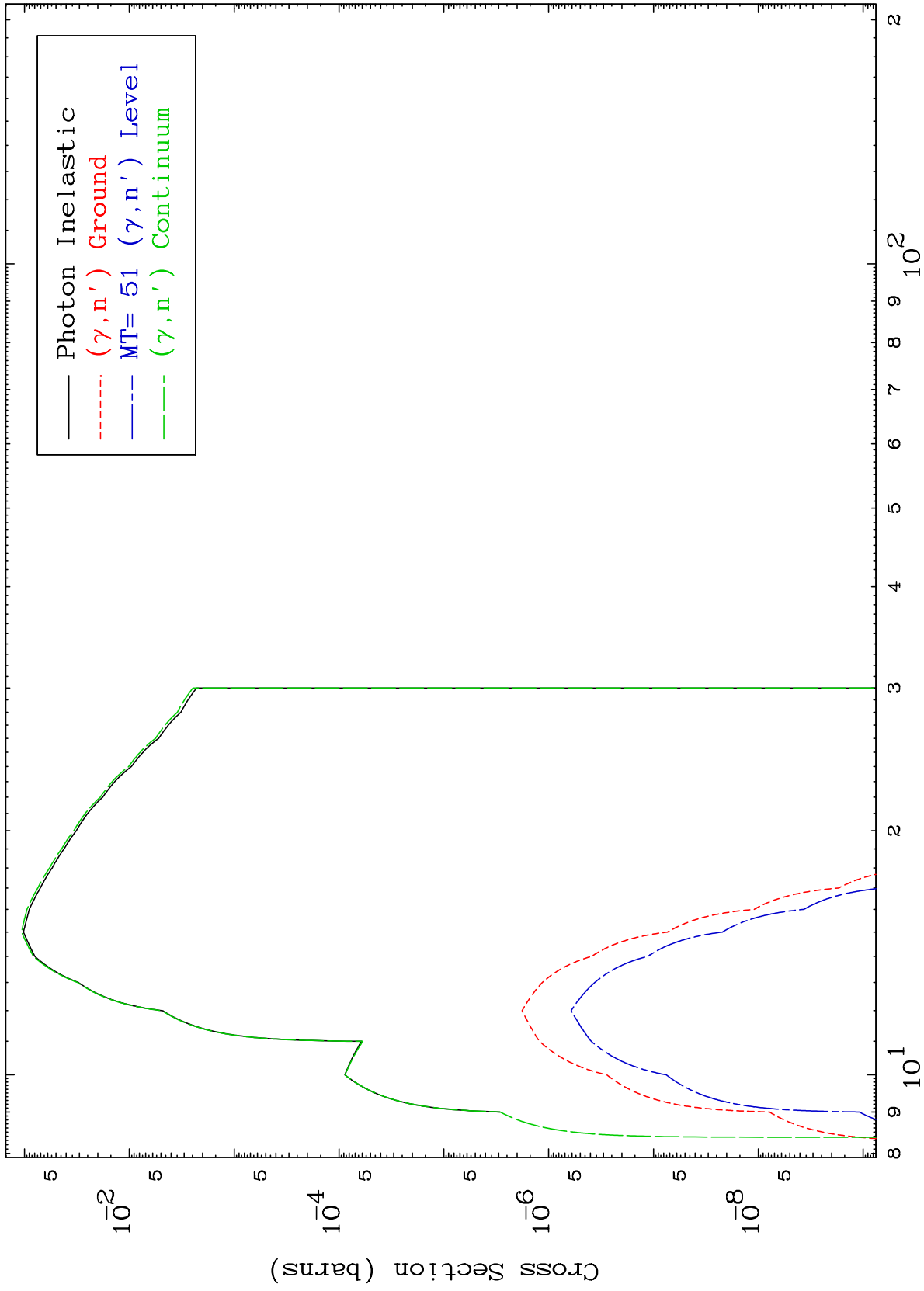
Incident Energy (MeV)

83-Bi-190

MAT 8269

(γ, n') Level
0 Kelvin Cross Sections

83-Bi-190



5

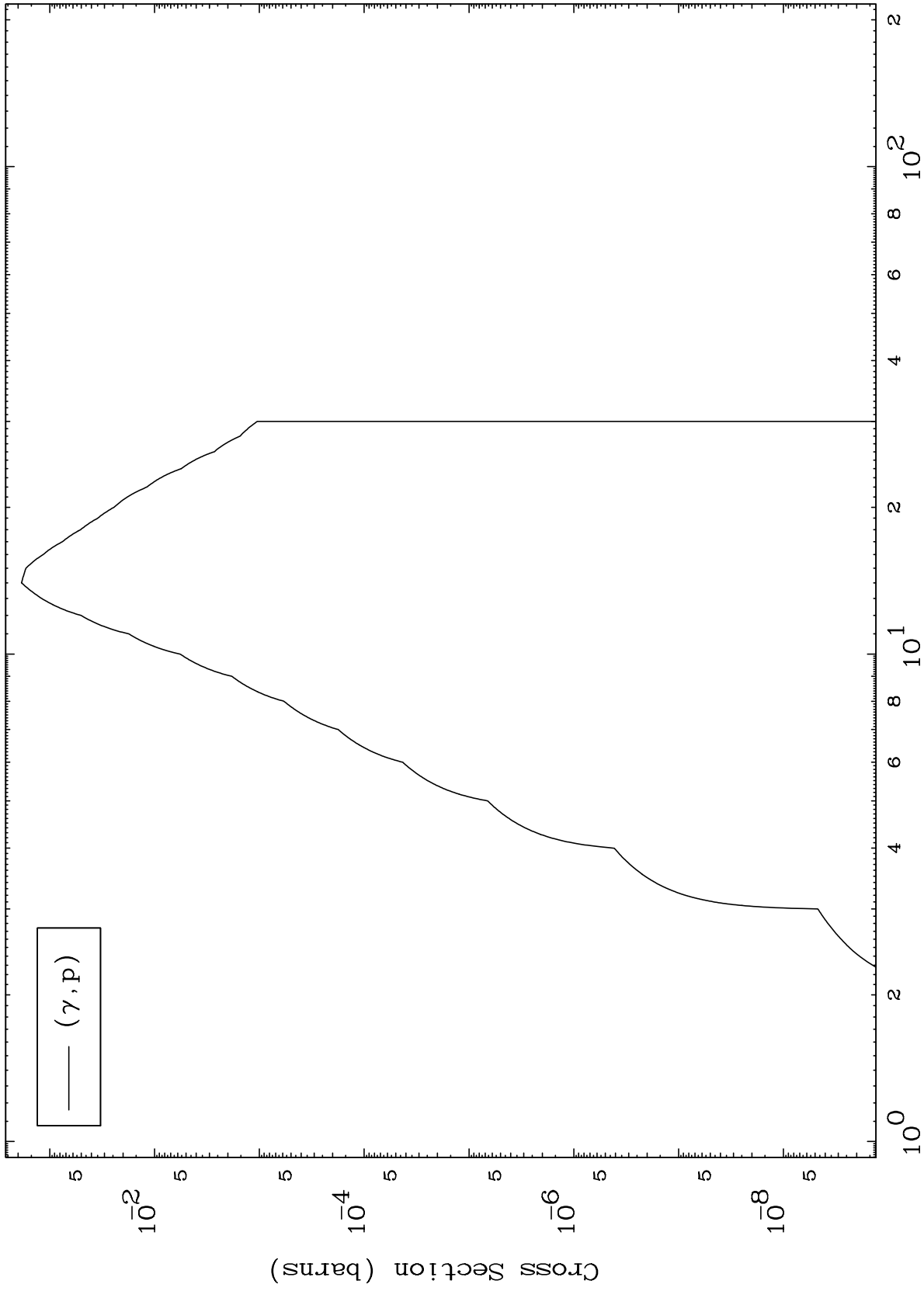
Incident Energy (MeV)

83-Bi-190

MAT 8269

(γ, p) Levels
0 Kelvin Cross Sections

83-Bi-190



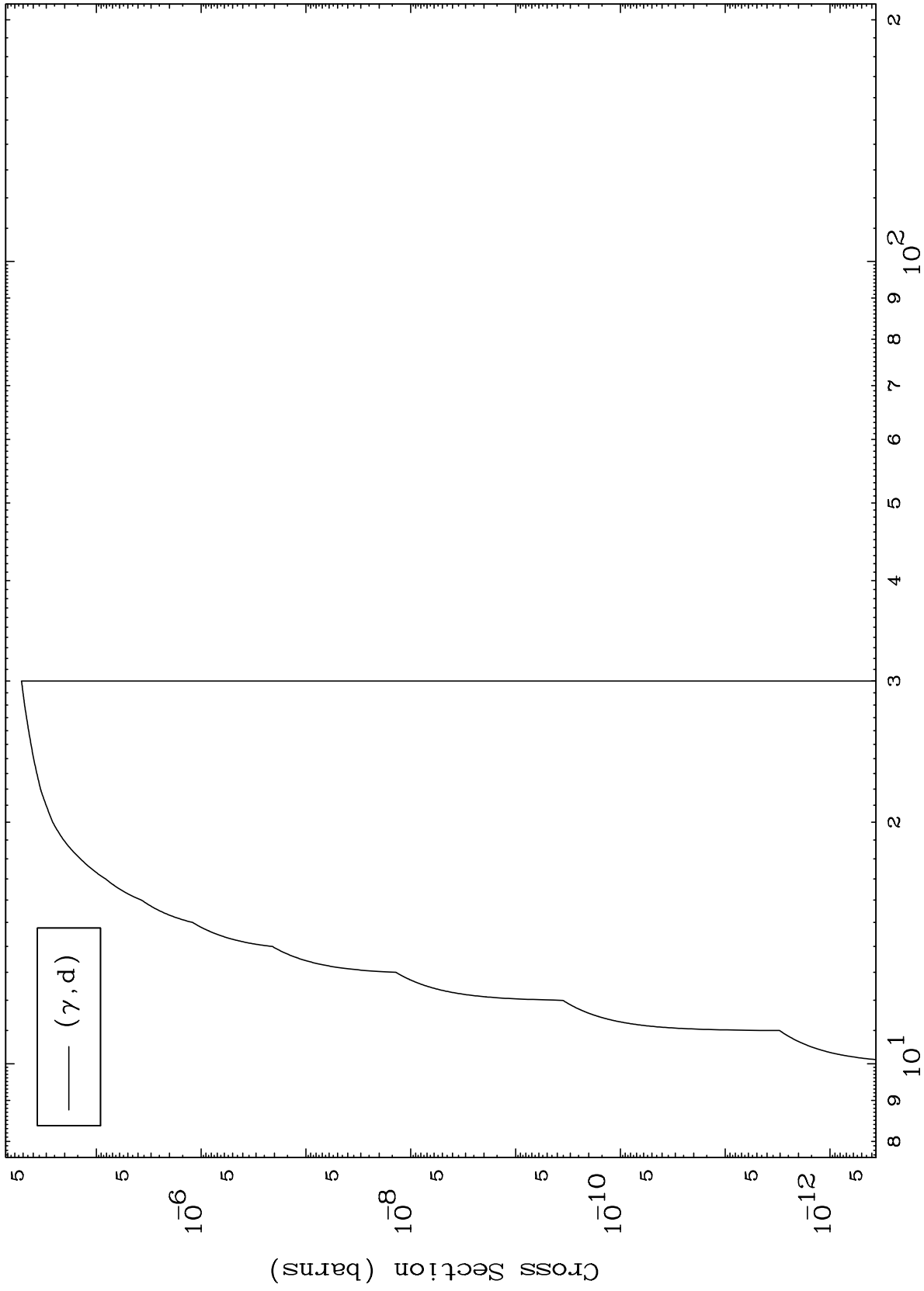
Incident Energy (MeV)

83-Bi-190

MAT 8269

(γ, d) Levels
0 Kelvin Cross Sections

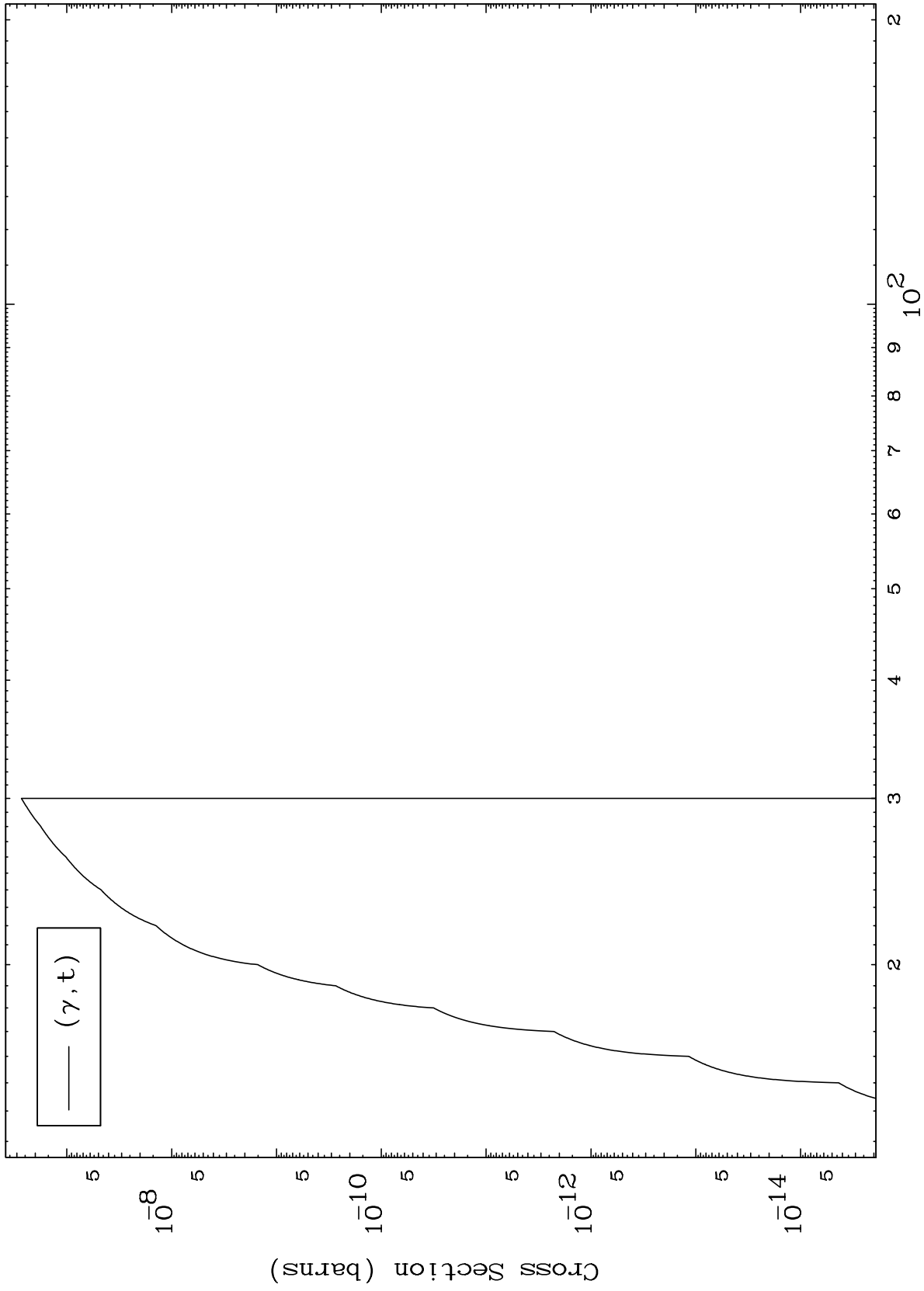
83-Bi-190



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Incident Energy (MeV)

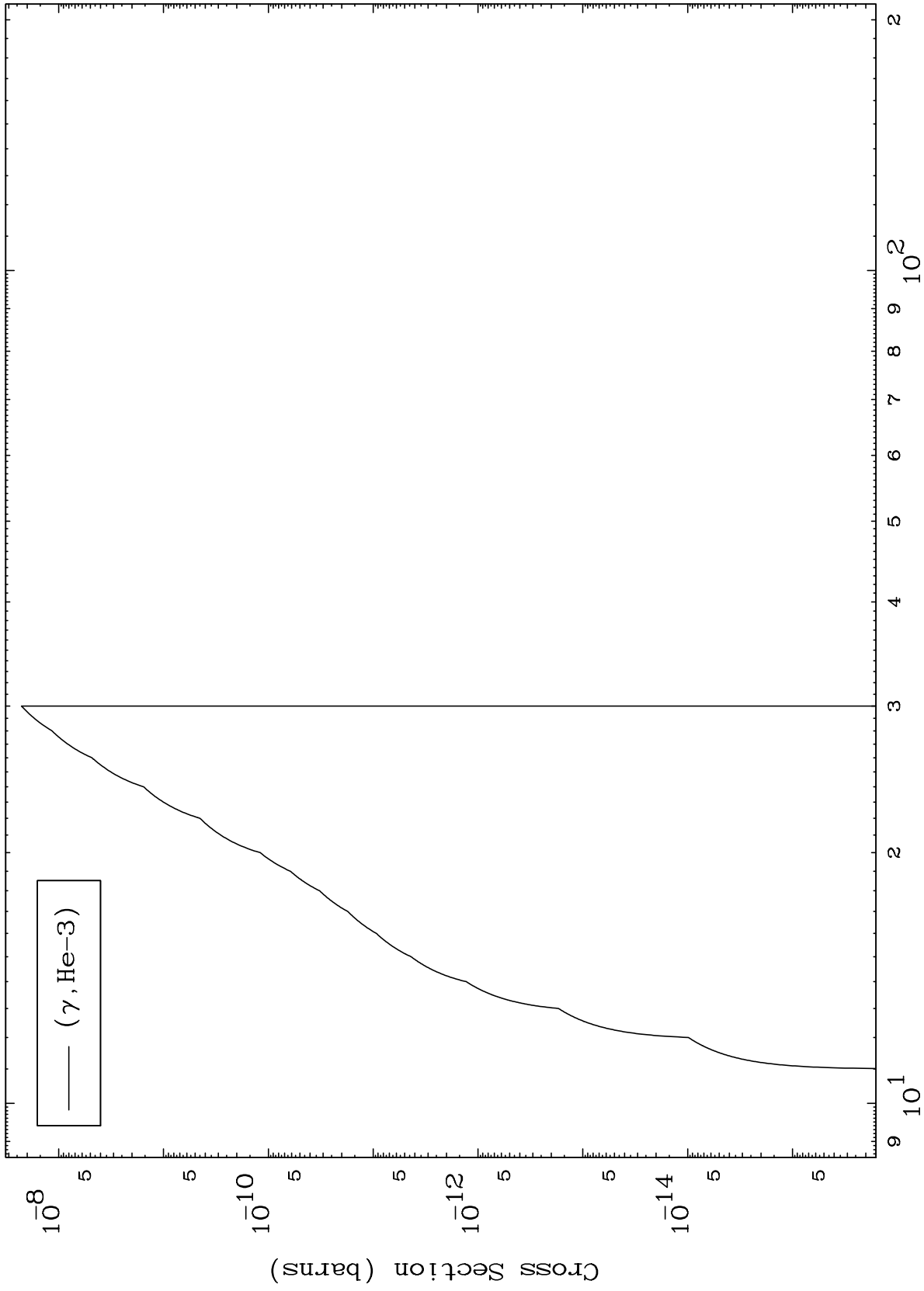
83-Bi-190



MAT 8269

(γ ,He3) Levels
0 Kelvin Cross Sections

83-Bi-190



9

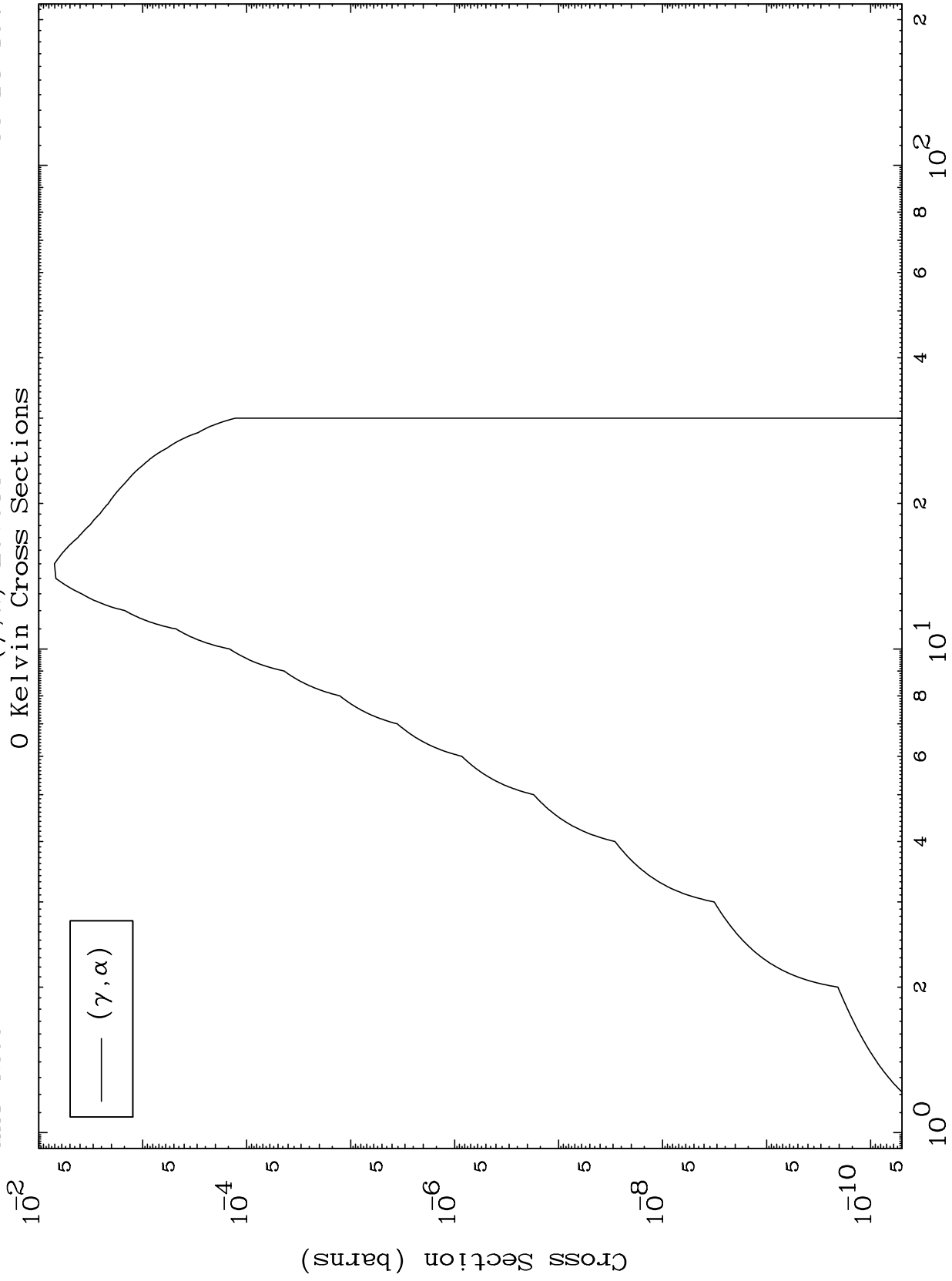
Incident Energy (MeV)

83-Bi-190

MAT 8269

(γ, α) Levels
0 Kelvin Cross Sections

83-Bi-190



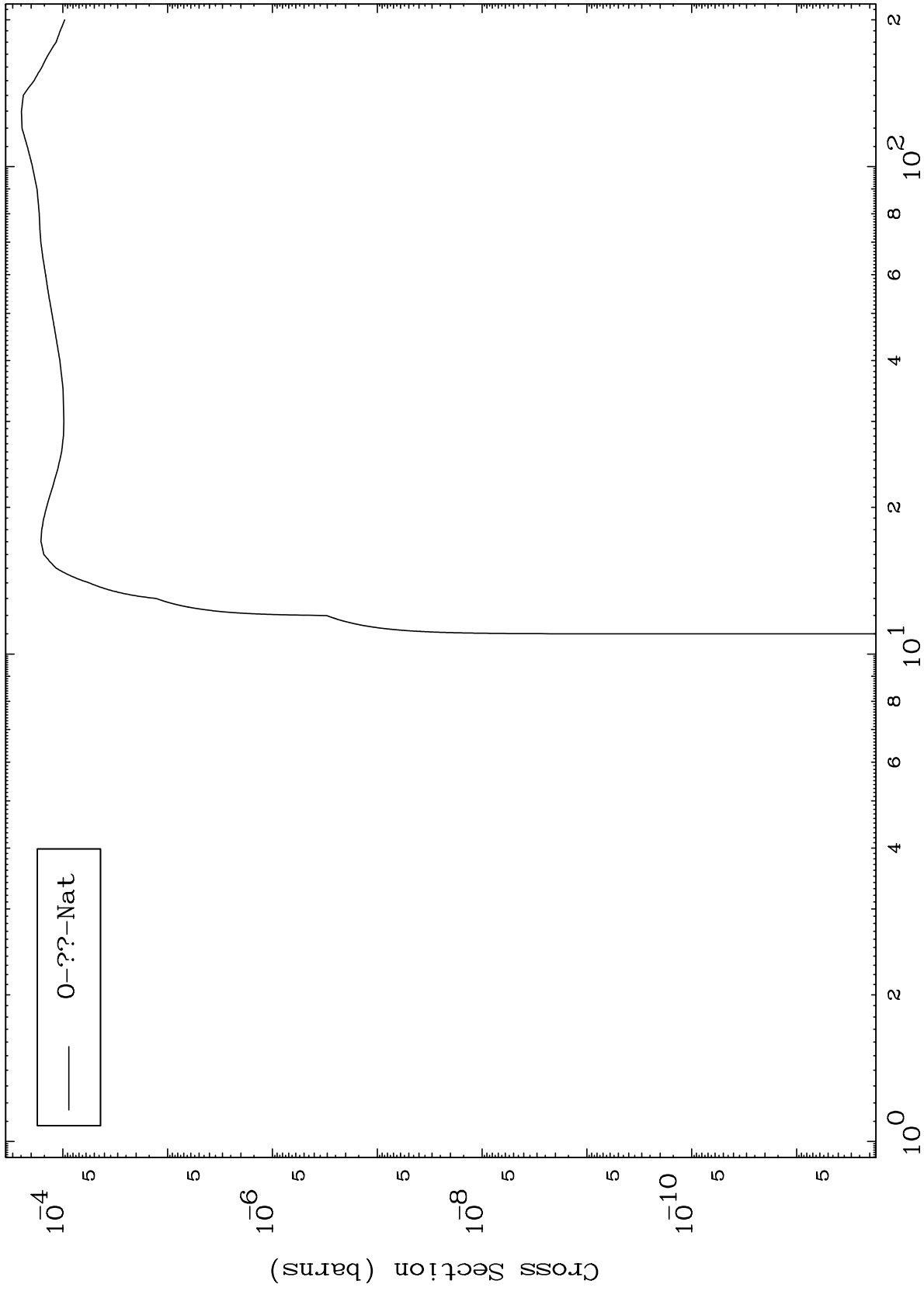
Incident Energy (MeV)

83-Bi-190

MAT 8269

83-Bi-190

Photon Fission
Radionuclide Production Cross Section



11

Incident Energy (MeV)

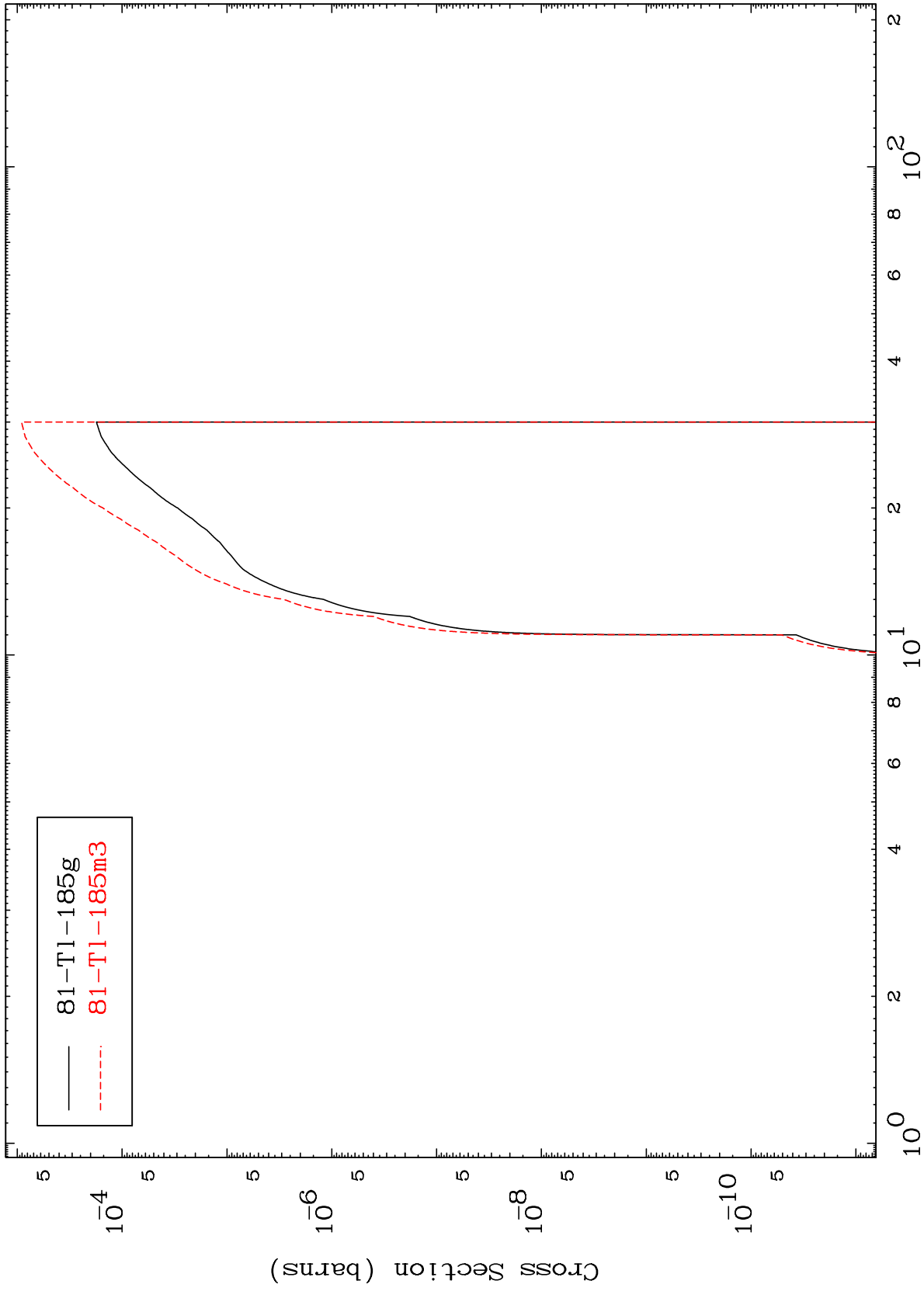
83-Bi-190

MAT 8269

(γ, n') α

83-Bi-190

Radionuclide Production Cross Section



12

Incident Energy (MeV)

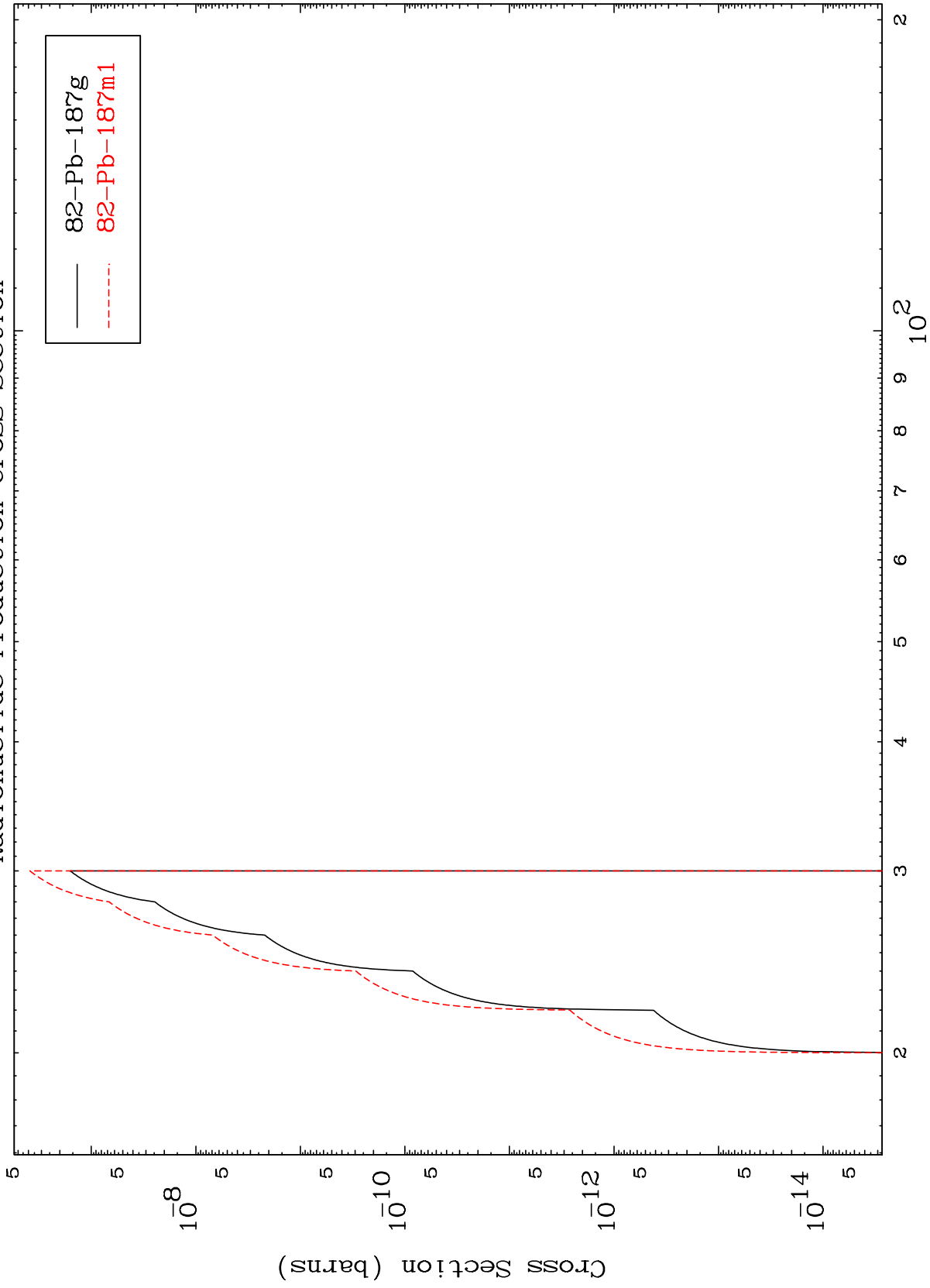
83-Bi-190

MAT 8269

(γ, n') d

83-Bi-190

Radionuclide Production Cross Section



13

Incident Energy (MeV)

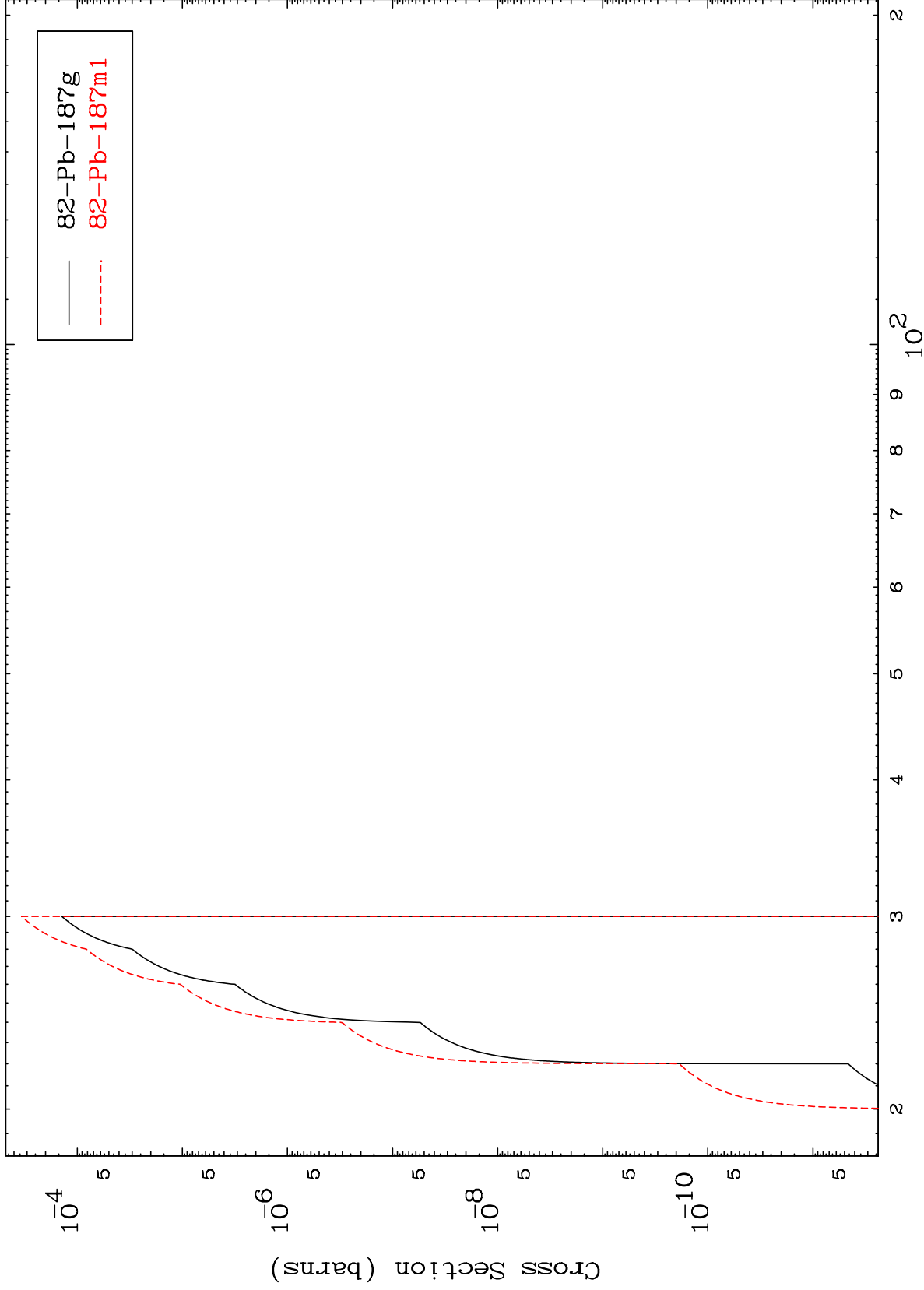
83-Bi-190

MAT 8269

($\gamma, 2n$) p

83-Bi-190

Radionuclide Production Cross Section



14

Incident Energy (MeV)

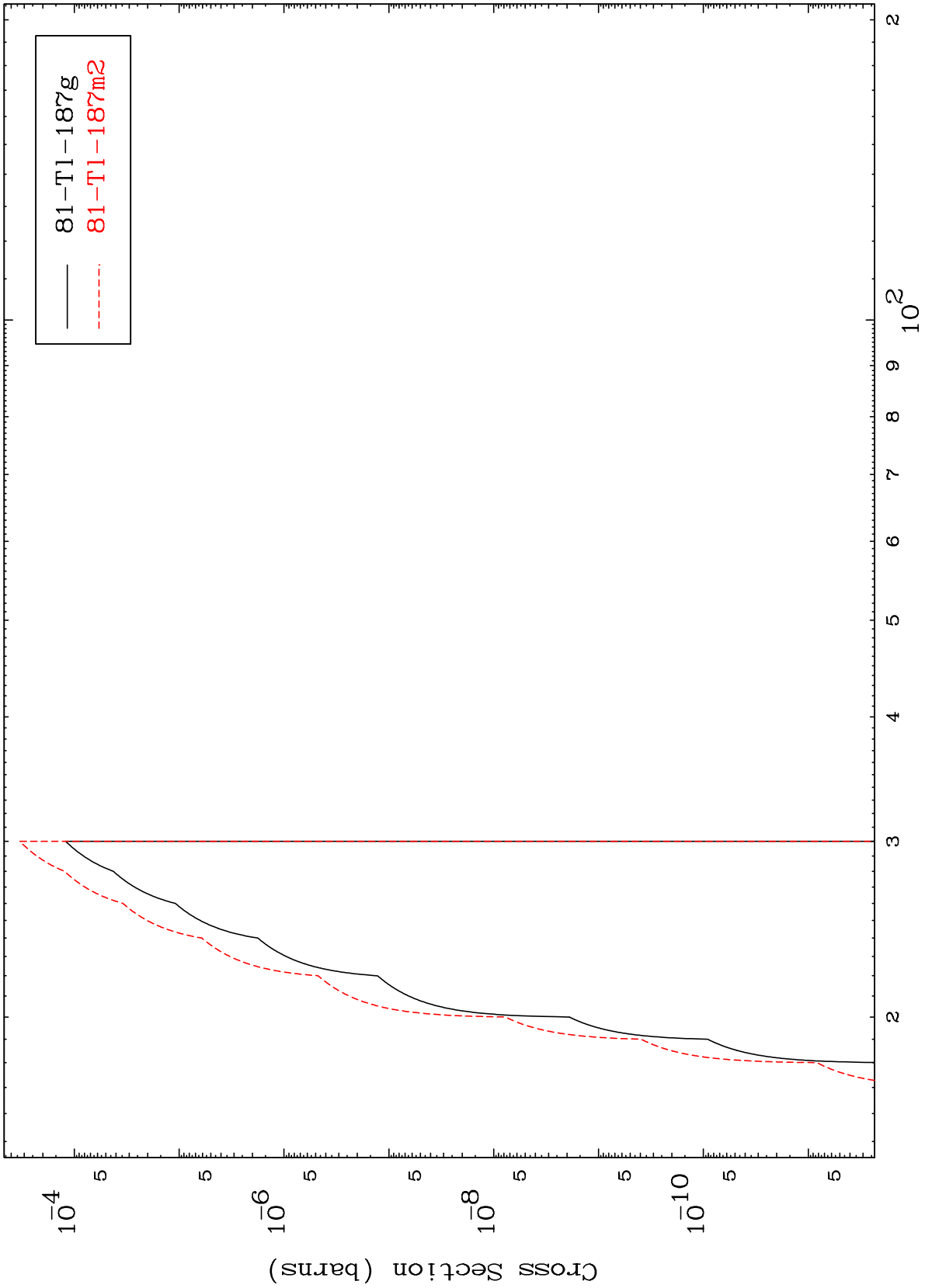
83-Bi-190

MAT 8269

($\gamma, 2n$) p

83-Bi-190

Radionuclide Production Cross Section



15

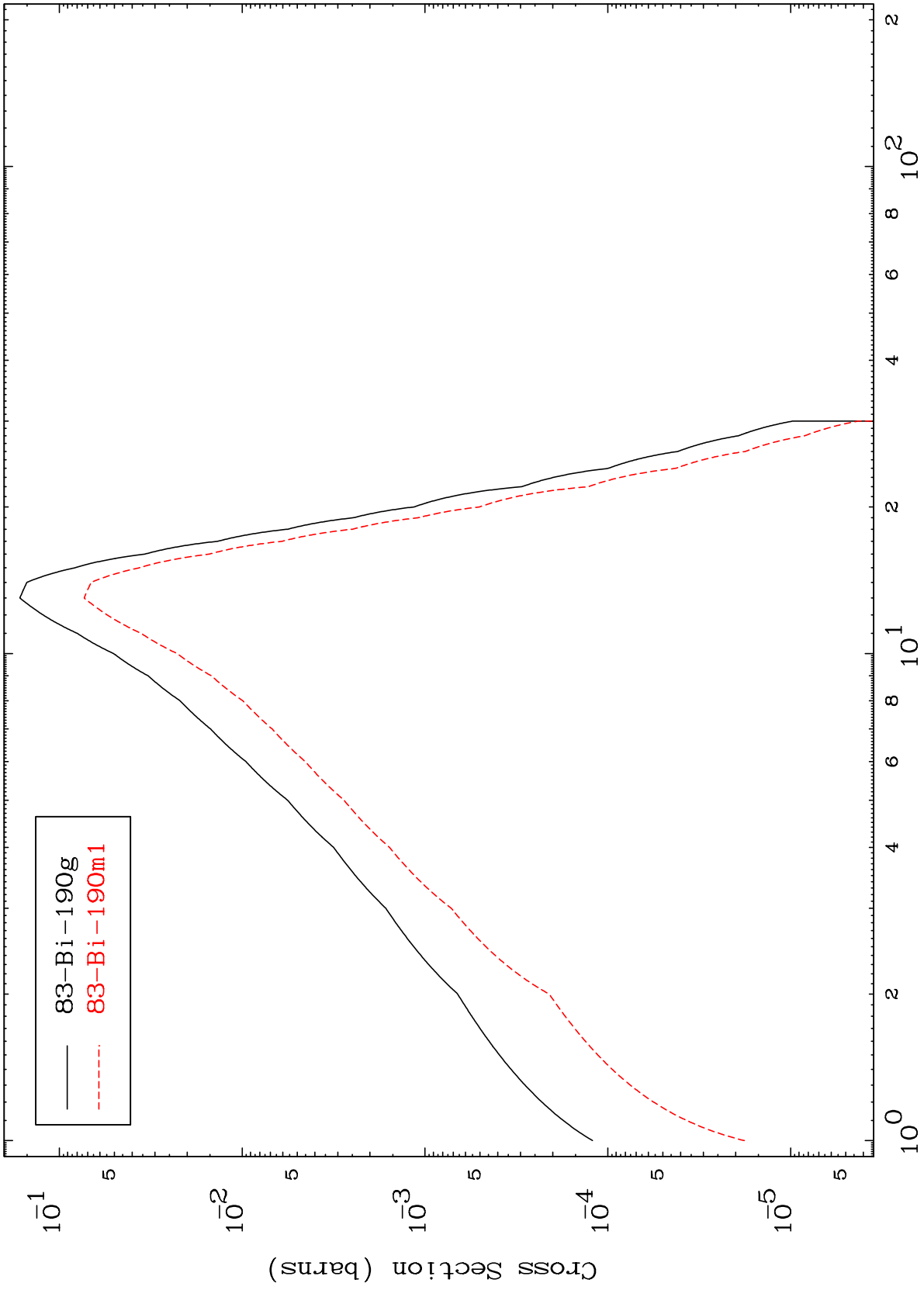
Incident Energy (MeV)

83-Bi-190

MAT 8269

83-Bi-190

Radionuclide Production Cross Section
(γ, γ)



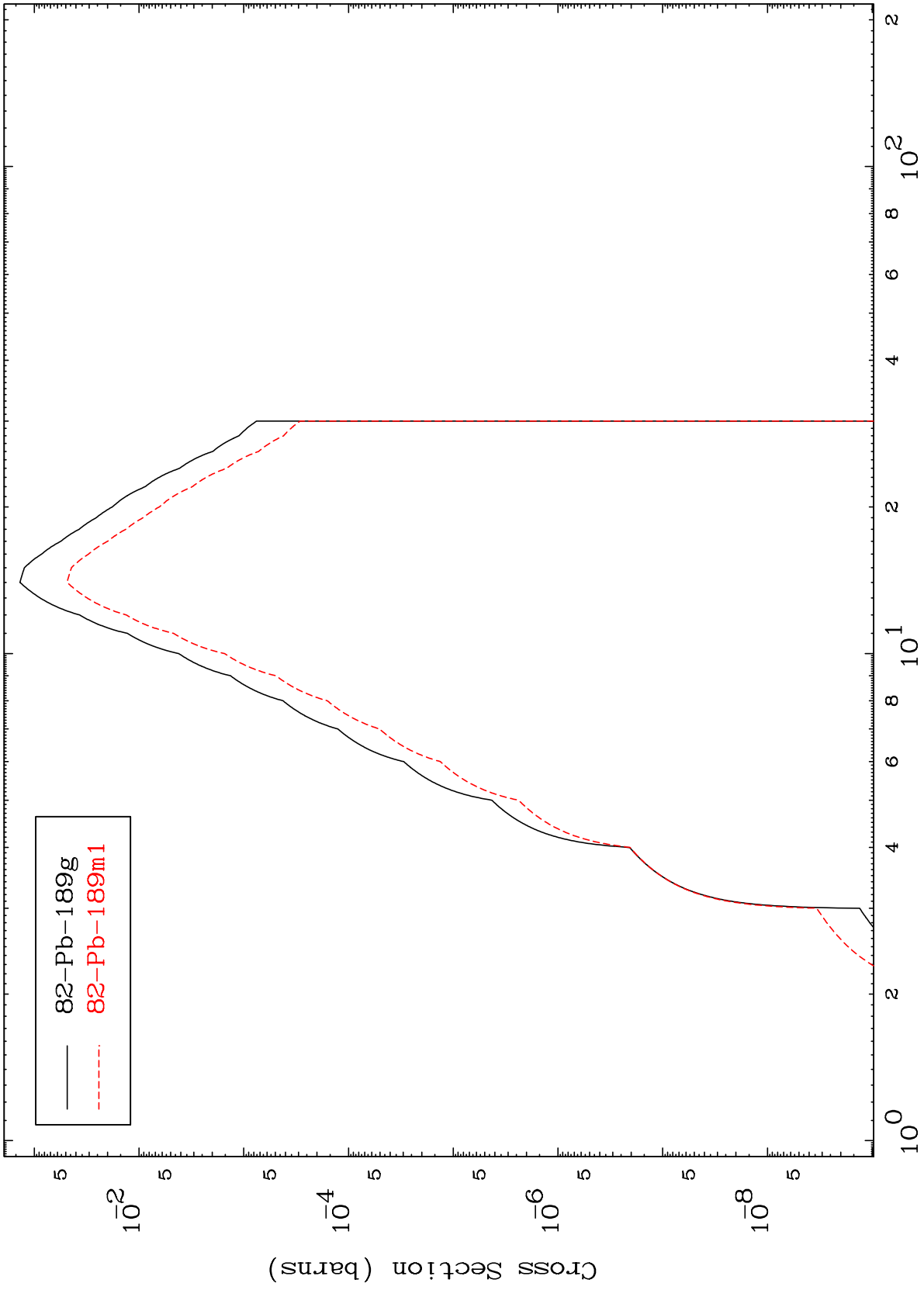
Incident Energy (MeV)

83-Bi-190

MAT 8269

83-Bi-190

Radionuclide Production Cross Section



17

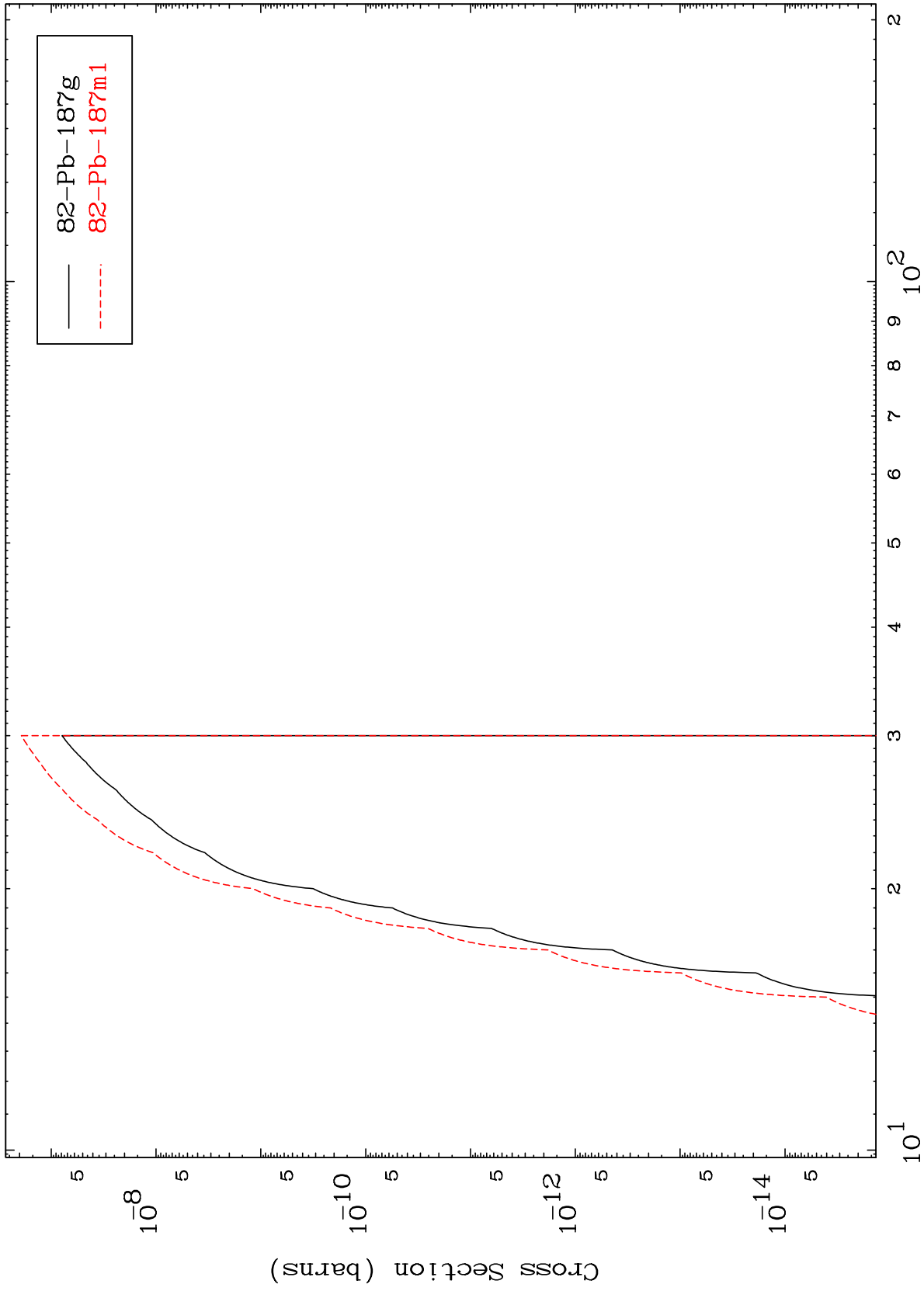
Incident Energy (MeV)

83-Bi-190

MAT 8269

83-Bi-190

(γ, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

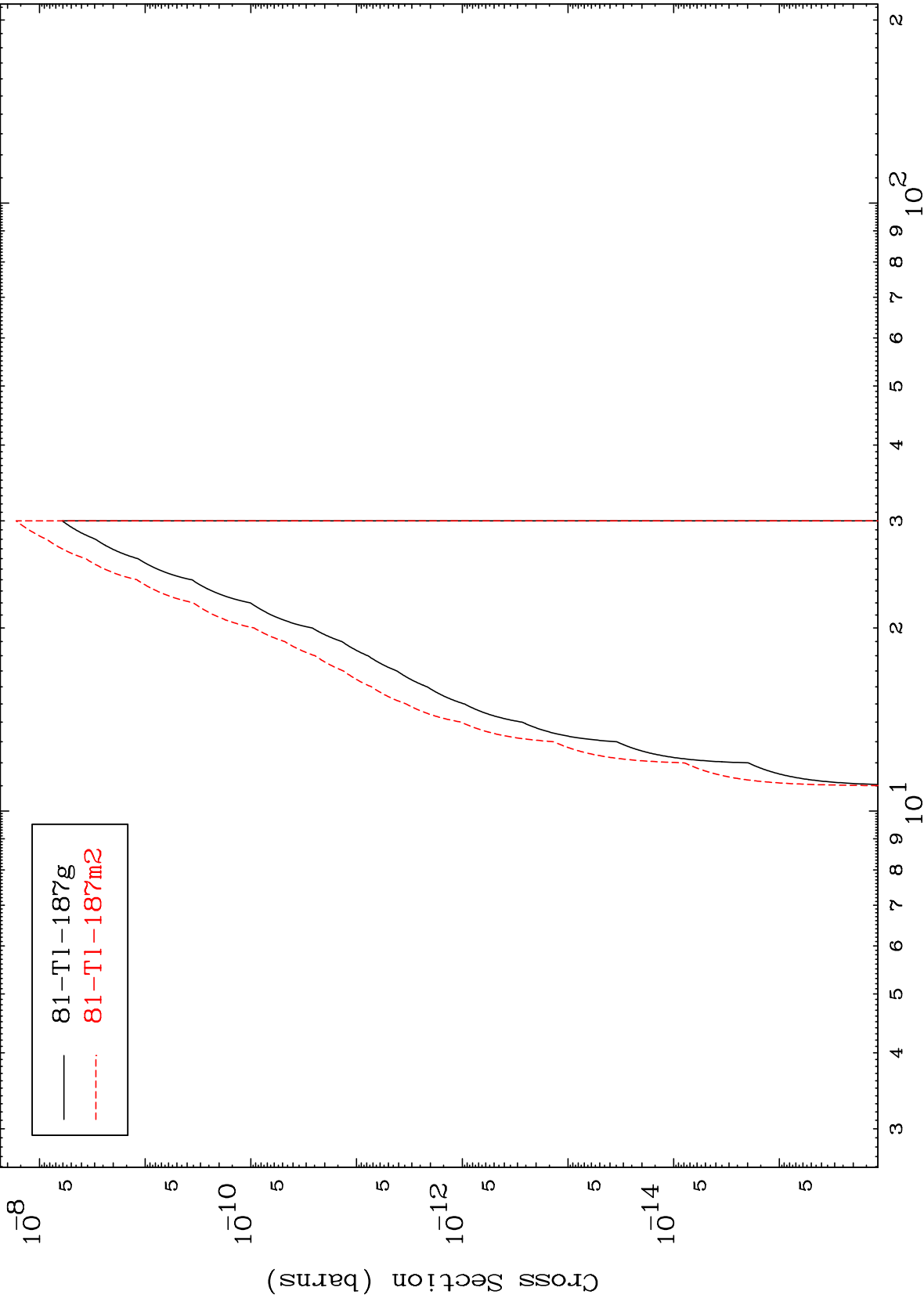
83-Bi-190

MAT 8269

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

83-Bi-190

Radionuclide Production Cross Section



19

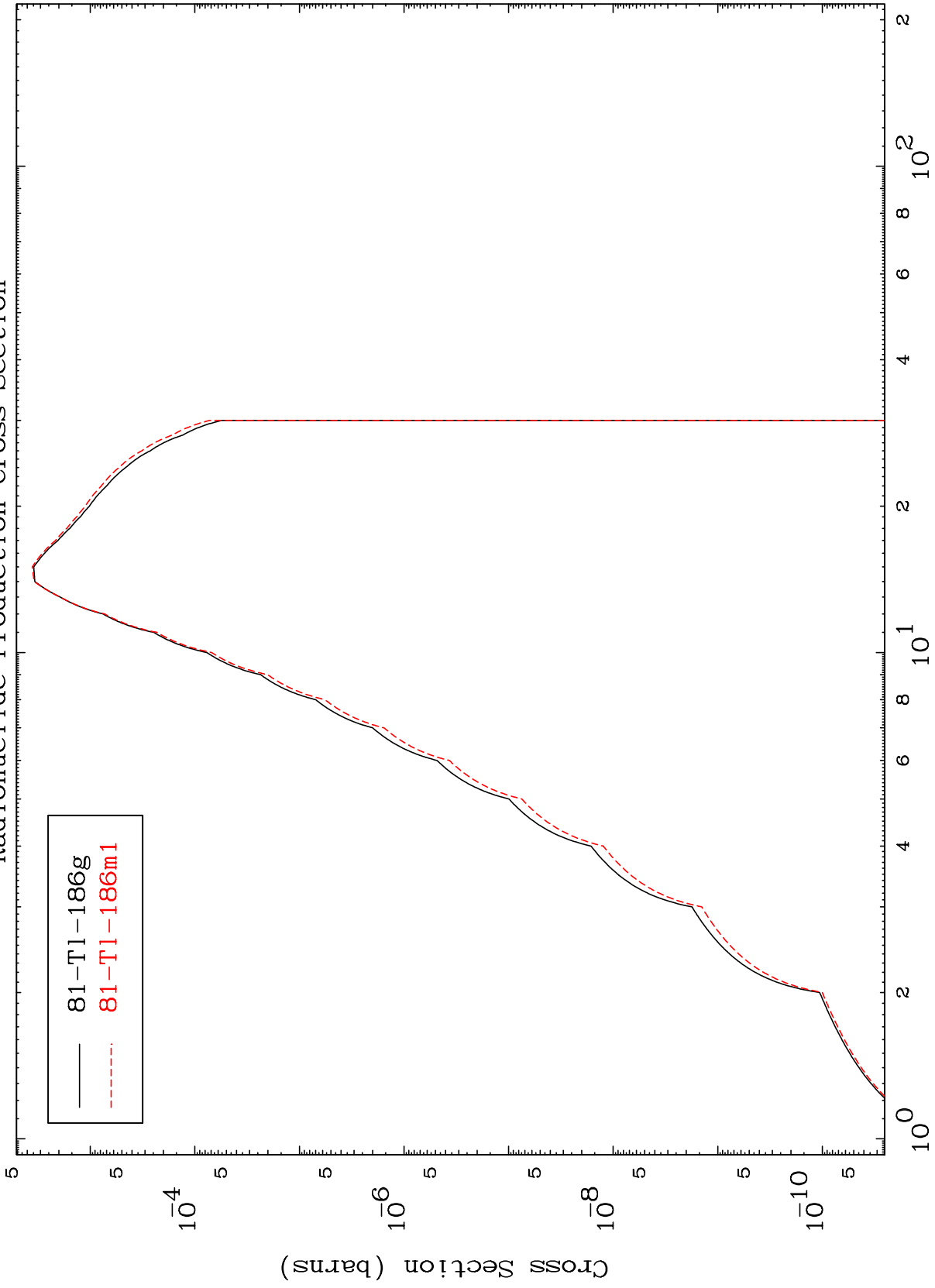
Incident Energy (MeV)

83-Bi-190

MAT 8269

83-Bi-190

Radionuclide Production Cross Section
(γ, α)



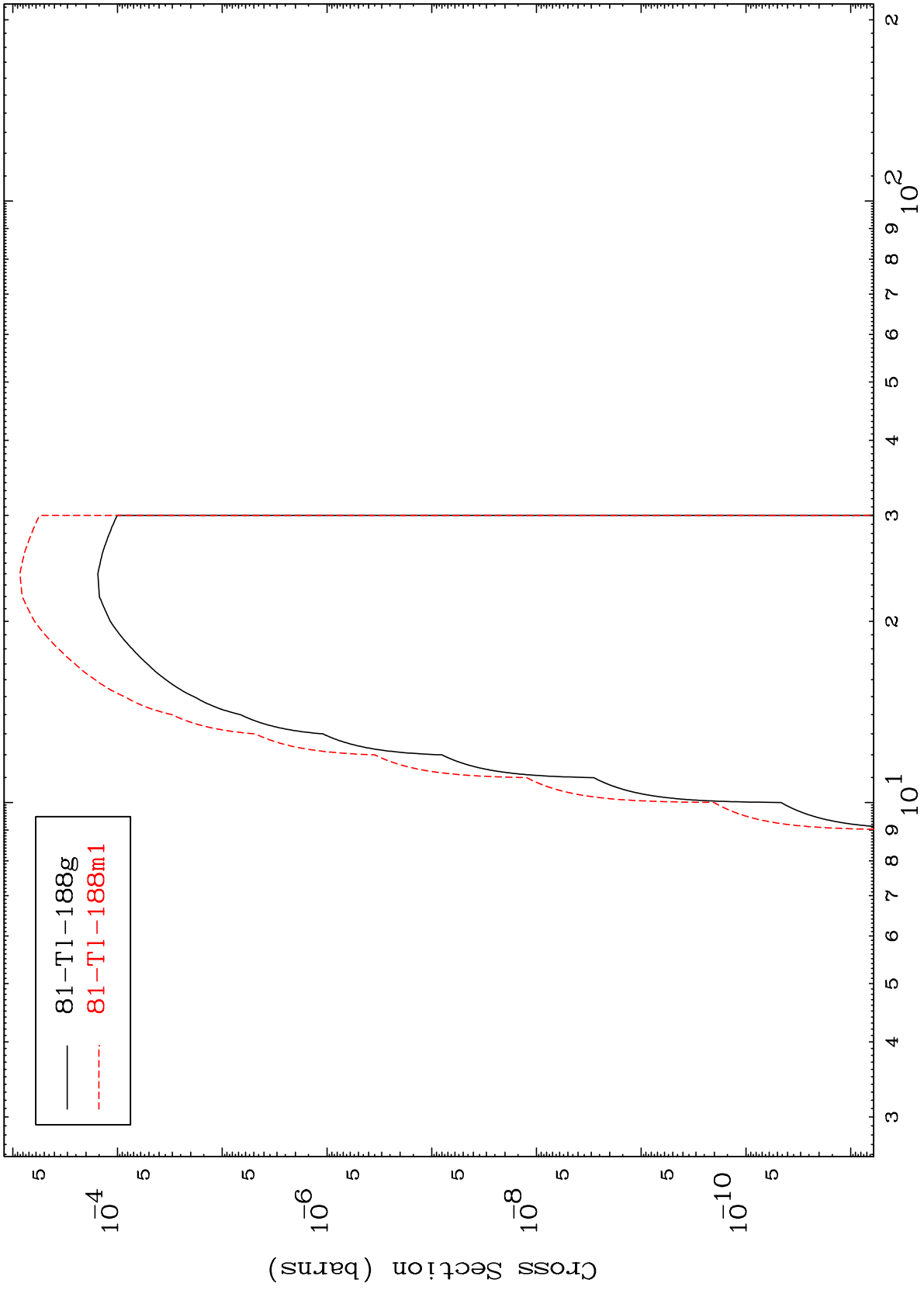
Incident Energy (MeV)

83-Bi-190

MAT 8269

83-Bi-190

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



21

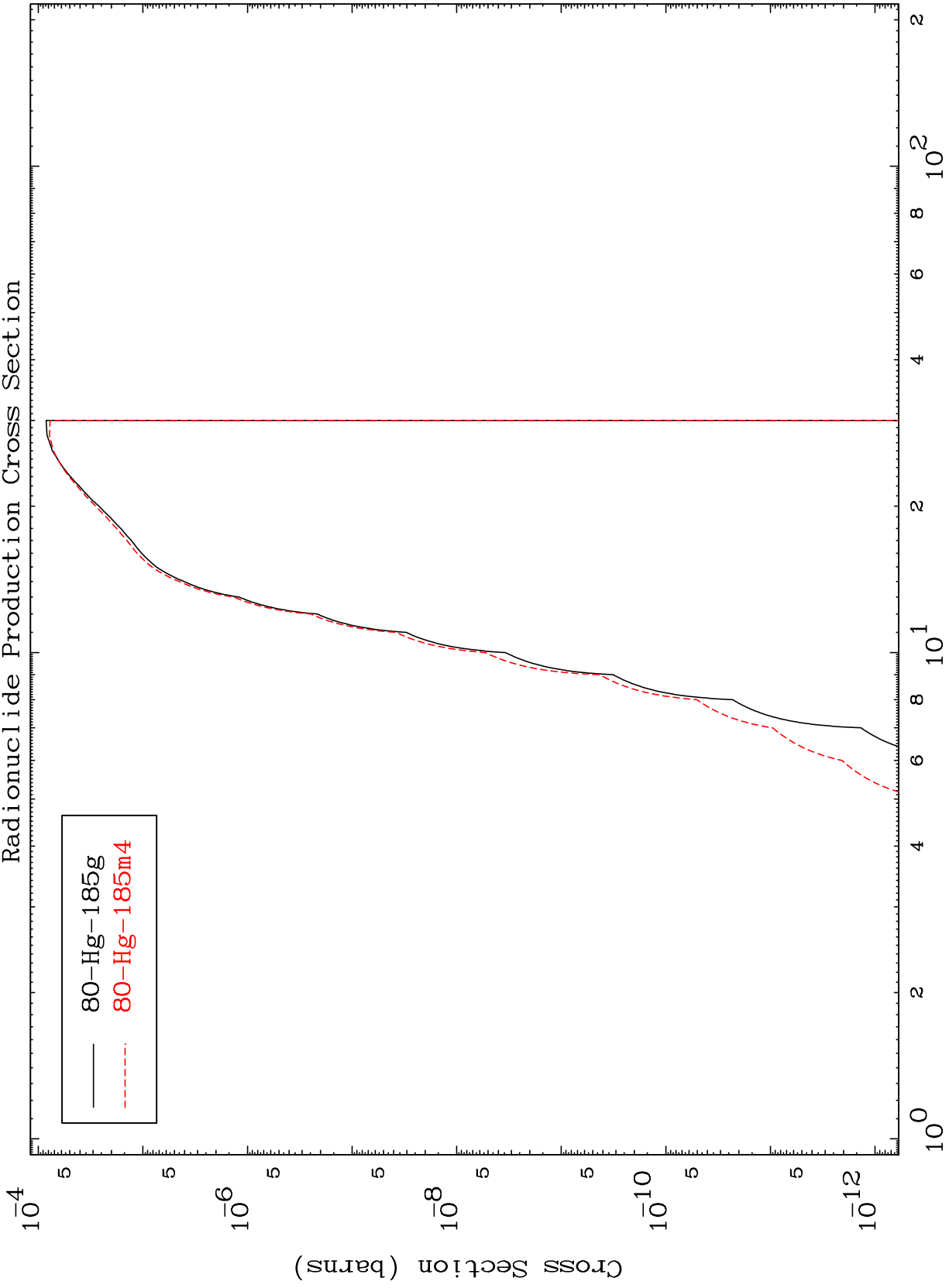
83-Bi-190

MAT 8269

(γ, p) α

83-Bi-190

Radionuclide Production Cross Section



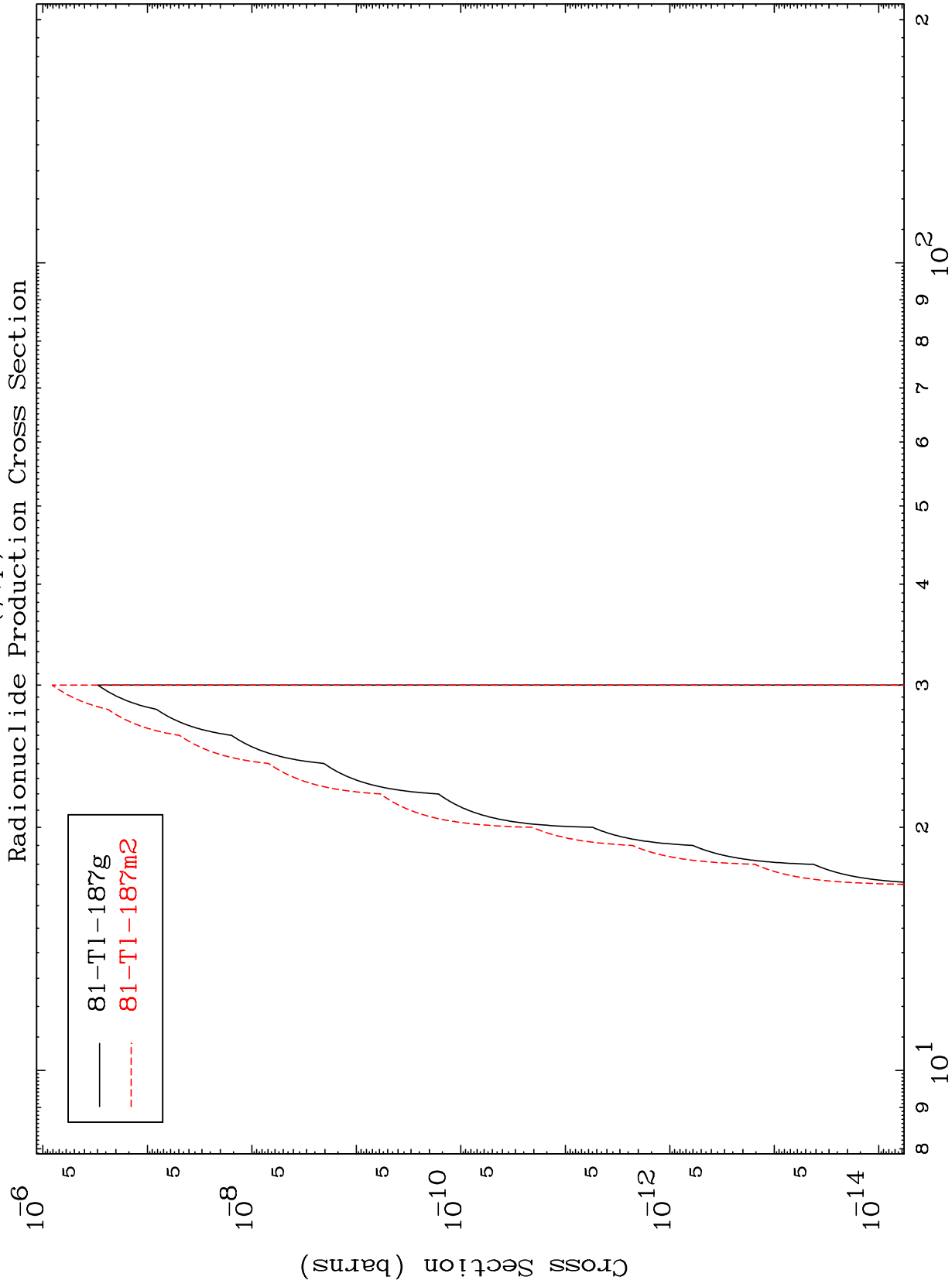
80-Hg-185g
80-Hg-185m4

22

MAT 8269

(γ, p) d

83-Bi-190



81-Tl-187g
81-Tl-187m2

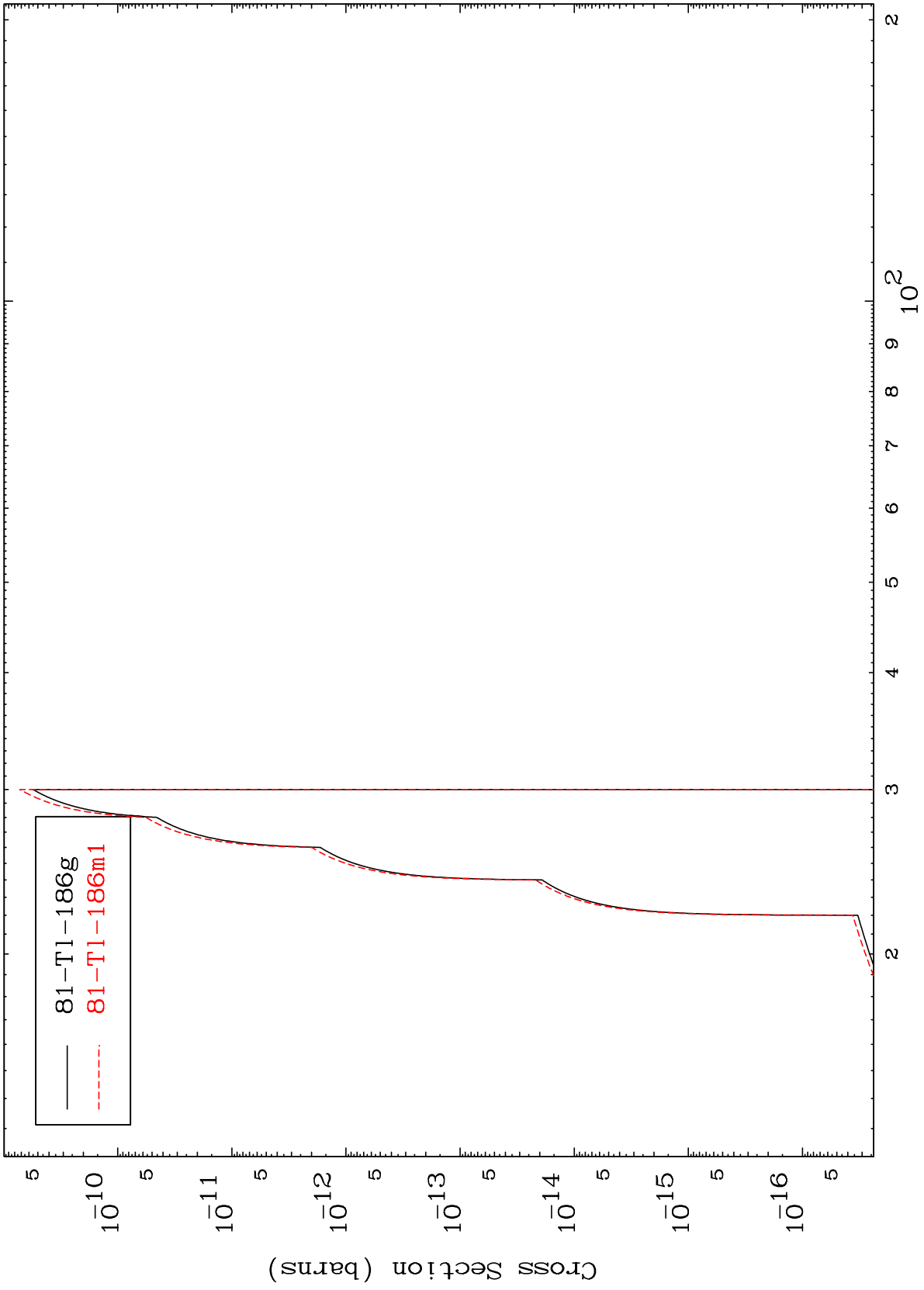
23

MAT 8269

(γ, p) t

83-Bi-190

Radionuclide Production Cross Section



24

Incident Energy (MeV)

83-Bi-190