

Program EVALPLOT
(Version 2018-1)

by

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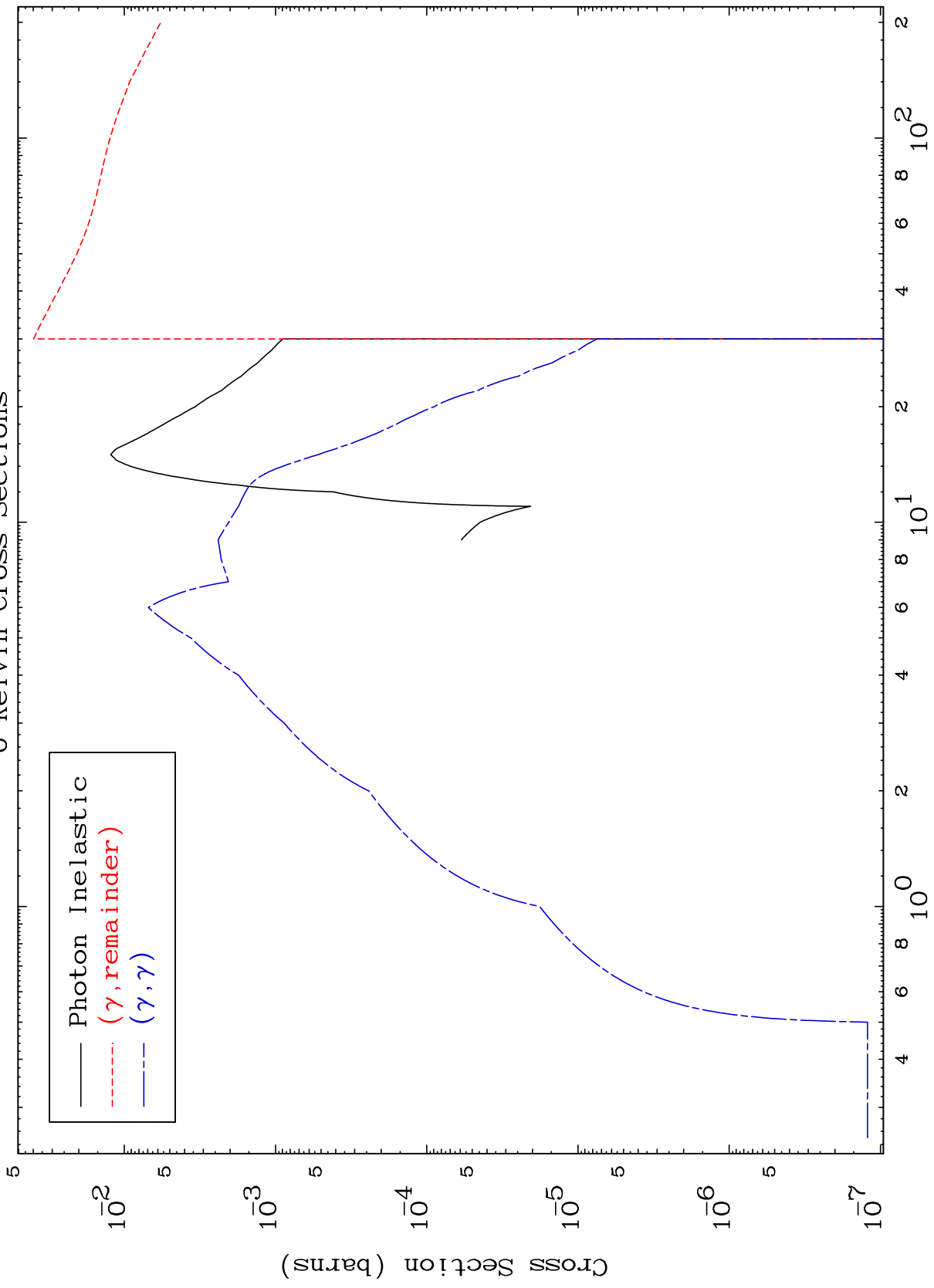
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8268

Photon Major
0 Kelvin Cross Sections

83-Bi-190

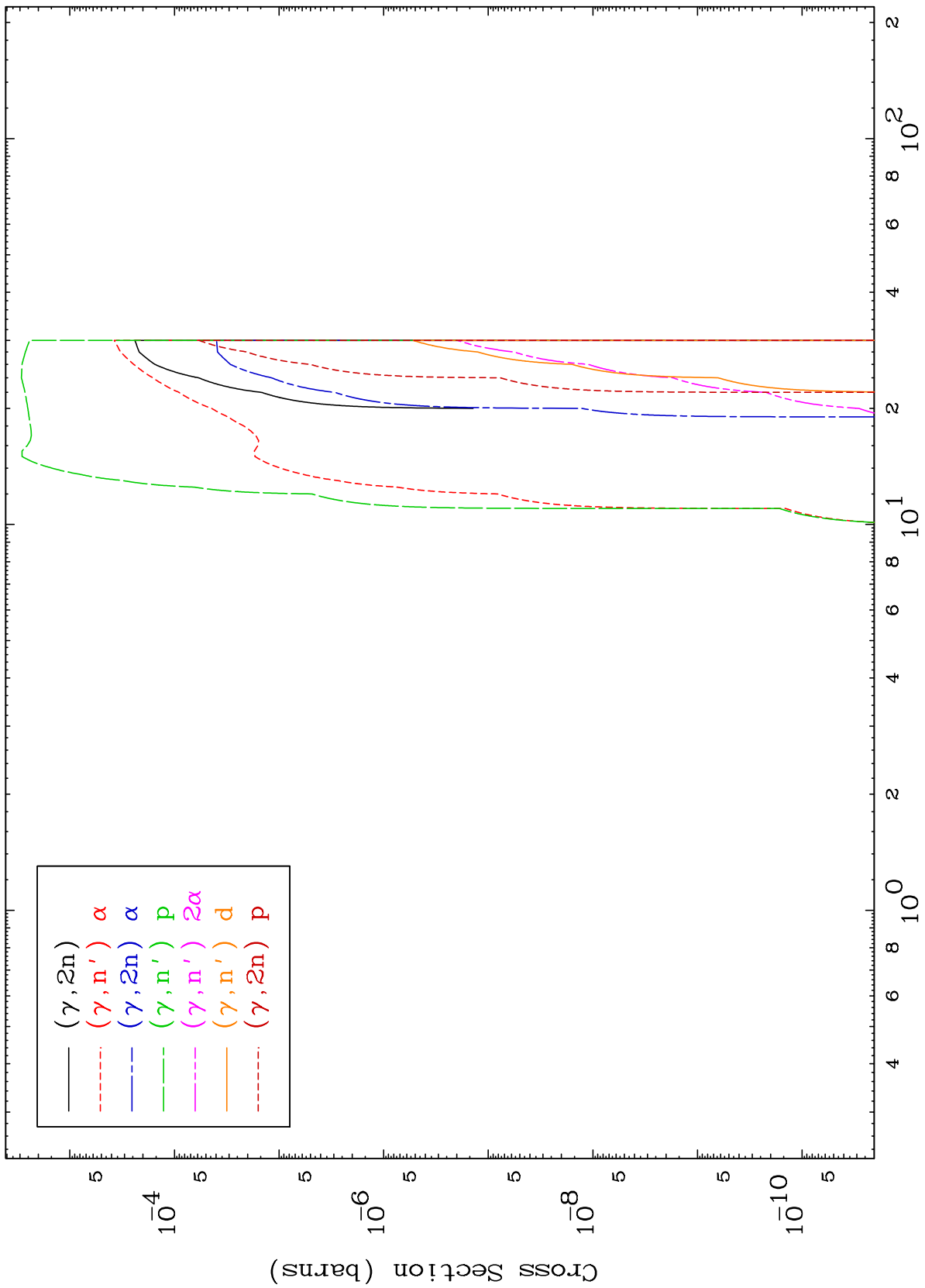


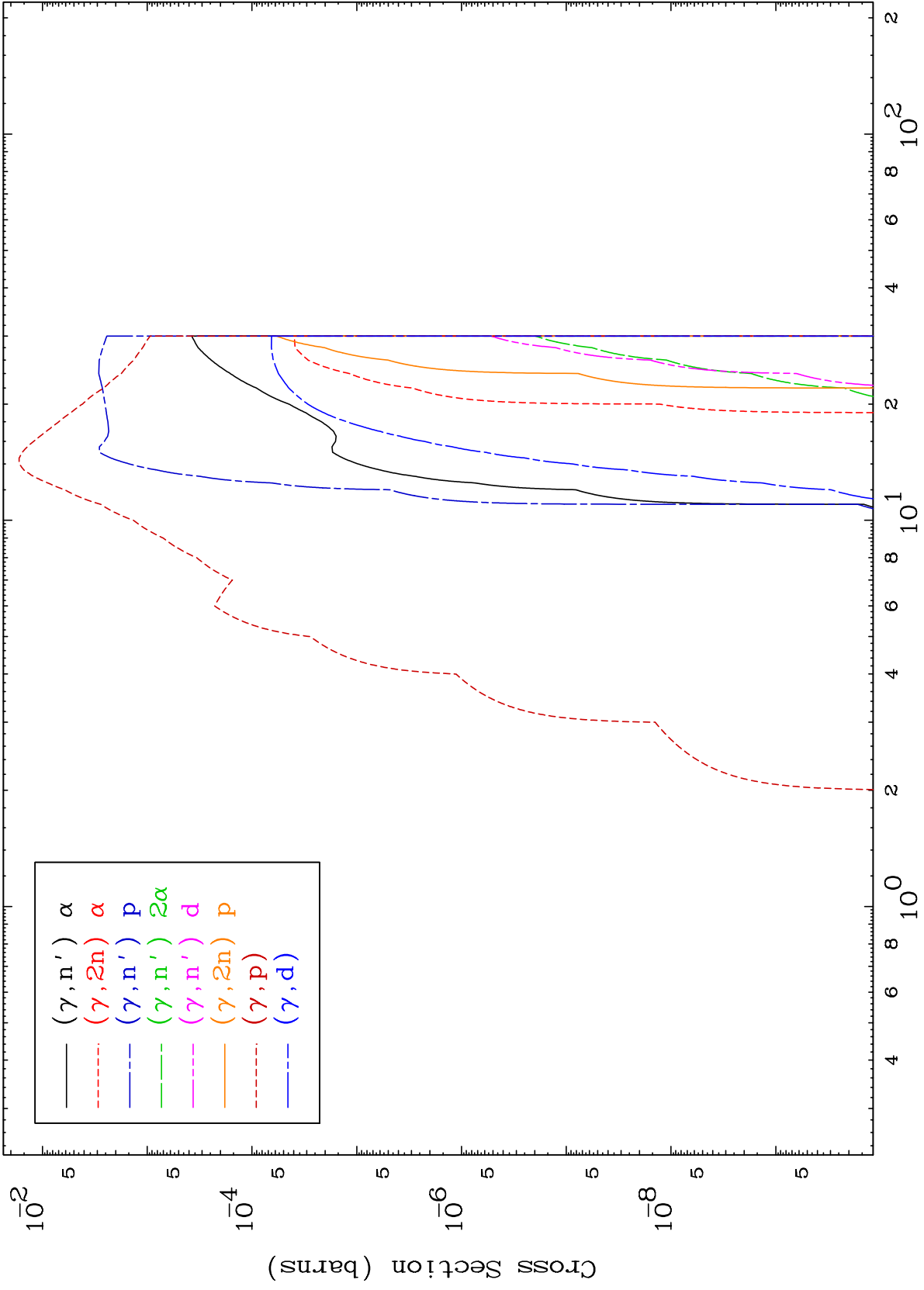
Photon Inelastic
(γ , remainder)
(γ , γ)

1

Incident Energy (MeV)

83-Bi-190

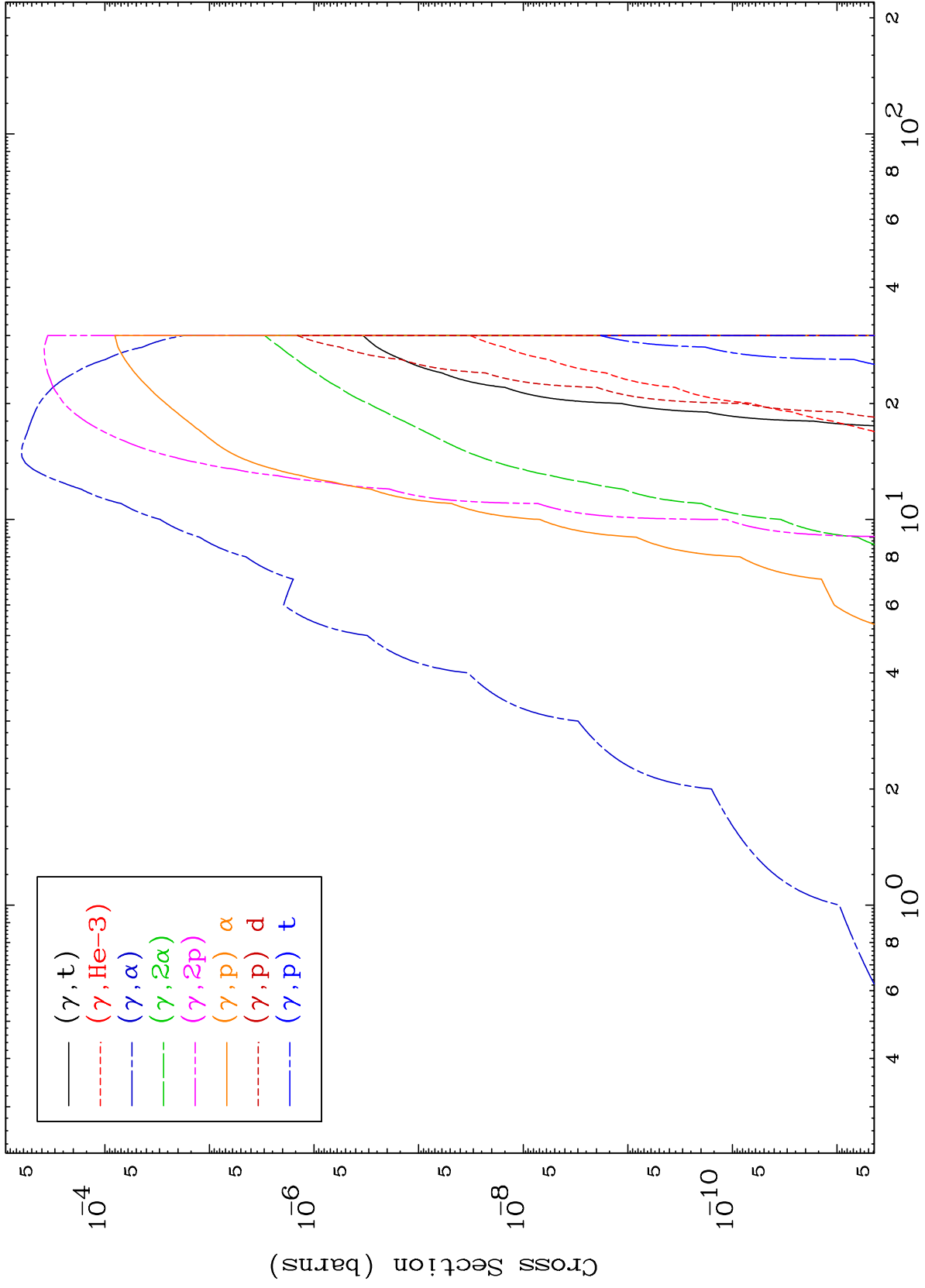




MAT 8268

Photon Charged Particle
0 Kelvin Cross Sections

83-Bi-190



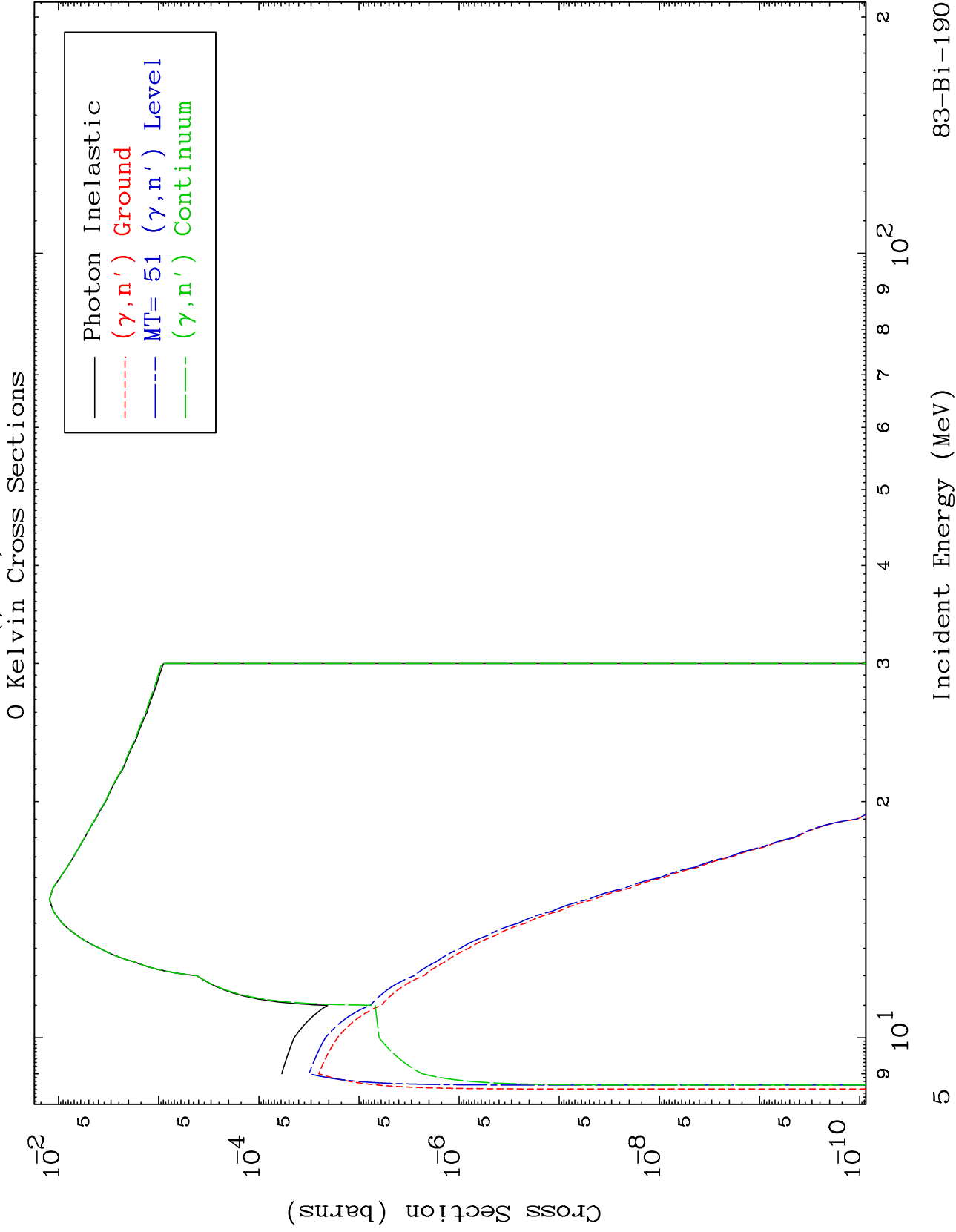
Incident Energy (MeV)

83-Bi-190

MAT 8268

(γ, n') Level

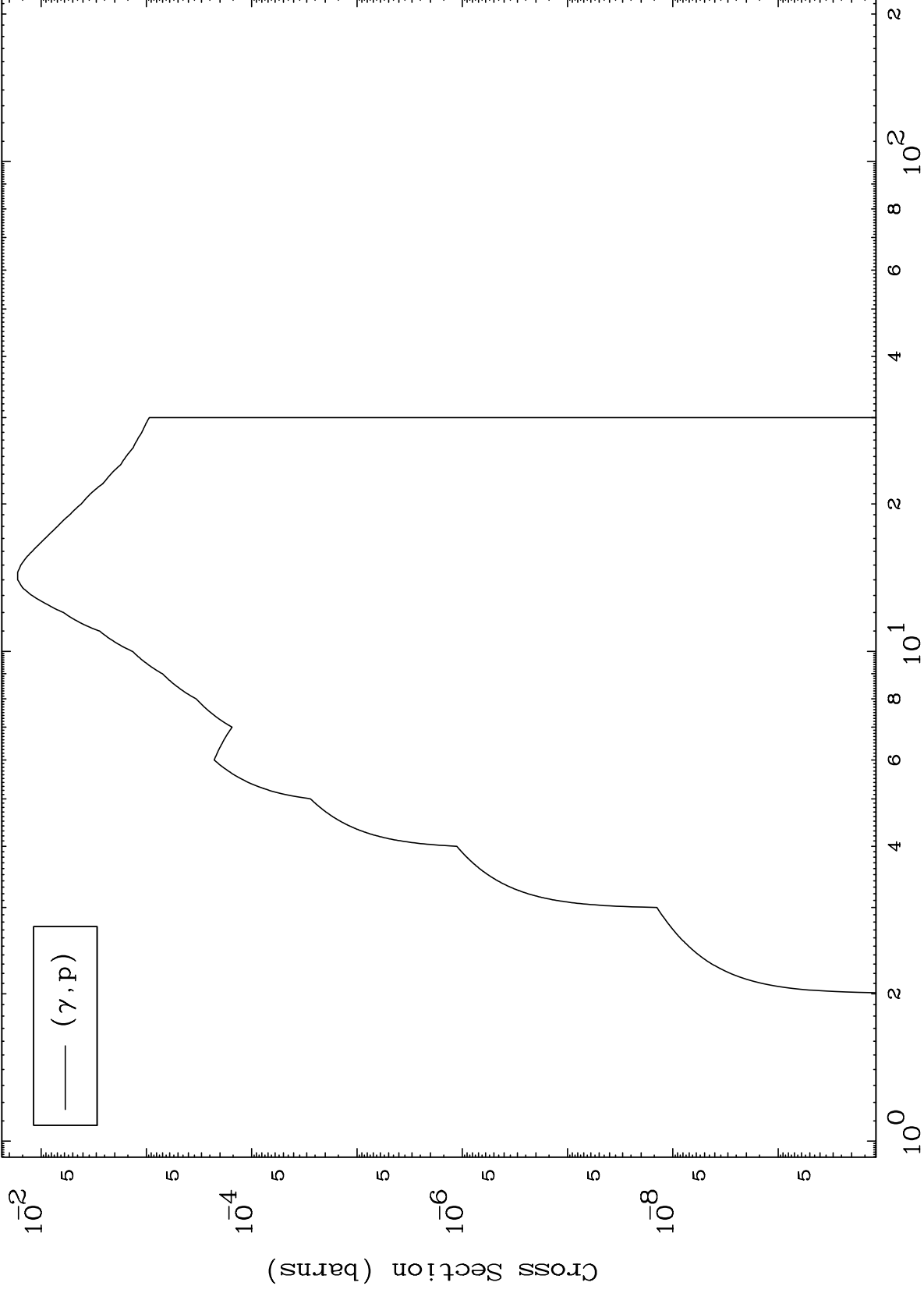
83-Bi-190



MAT 8268

(γ, p) Levels
0 Kelvin Cross Sections

83-Bi-190



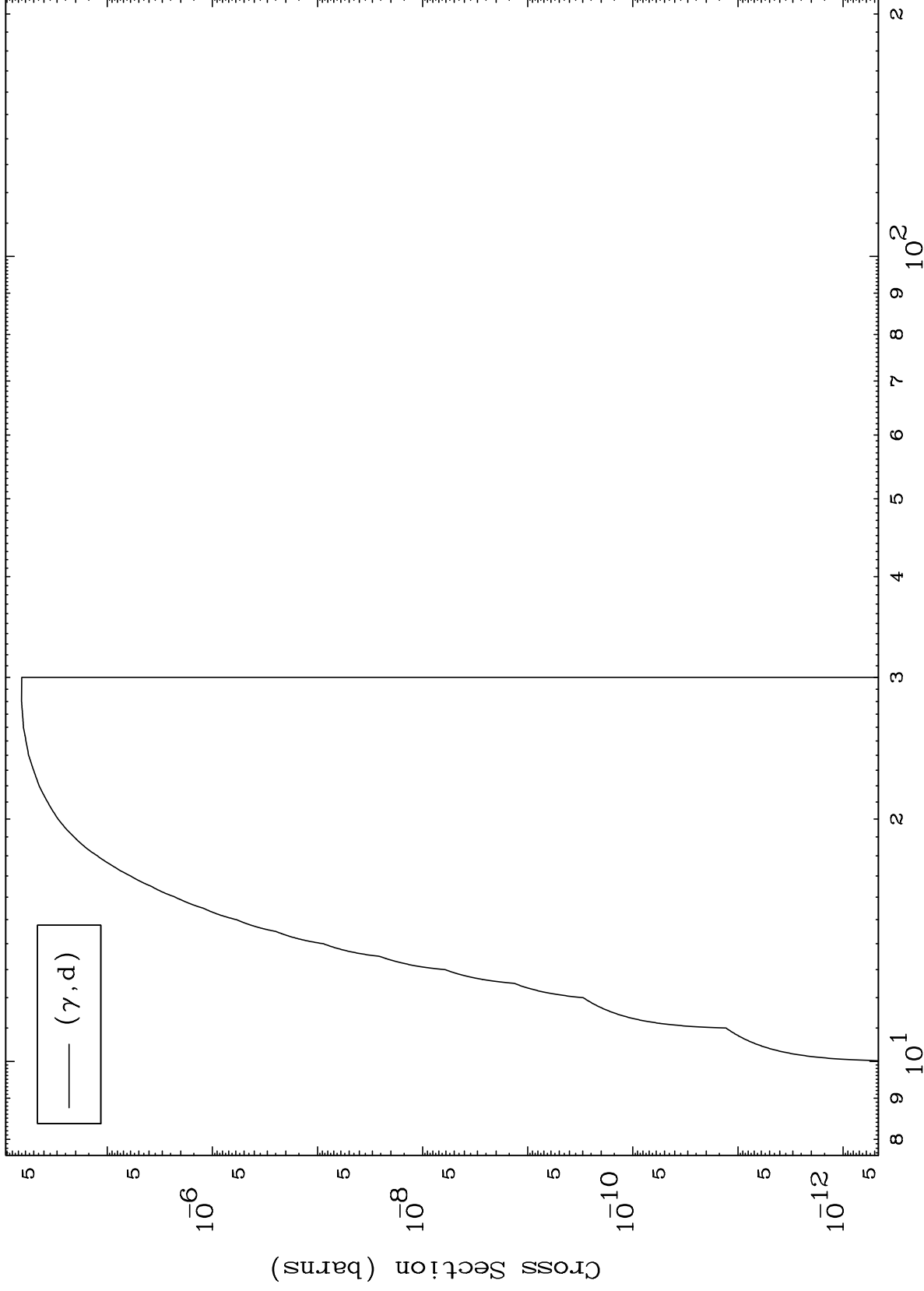
Incident Energy (MeV)

83-Bi-190

MAT 8268

(γ, d) Levels
0 Kelvin Cross Sections

83-Bi-190



Incident Energy (MeV)

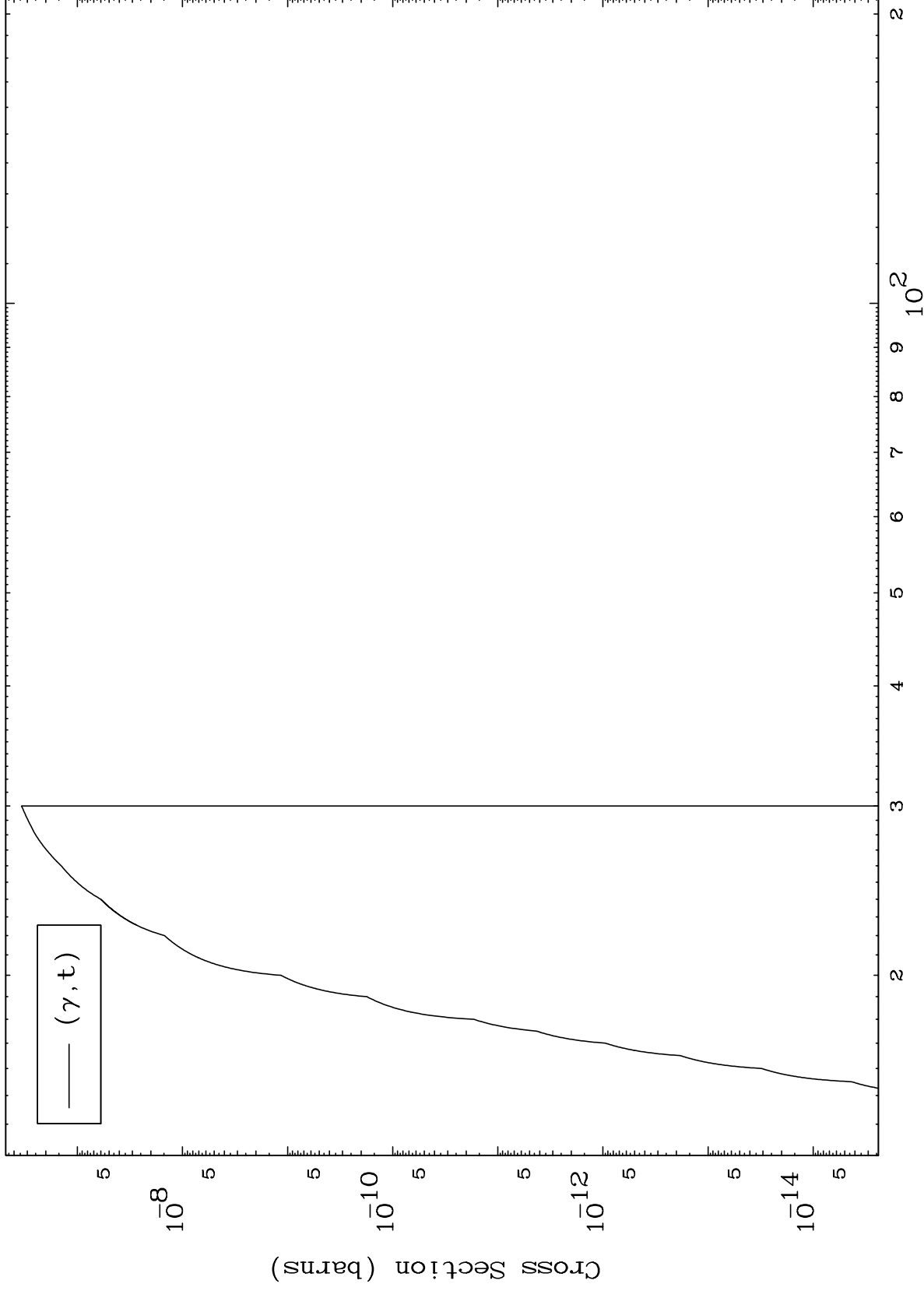
83-Bi-190

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MAT 8268

(γ, t) Levels
0 Kelvin Cross Sections

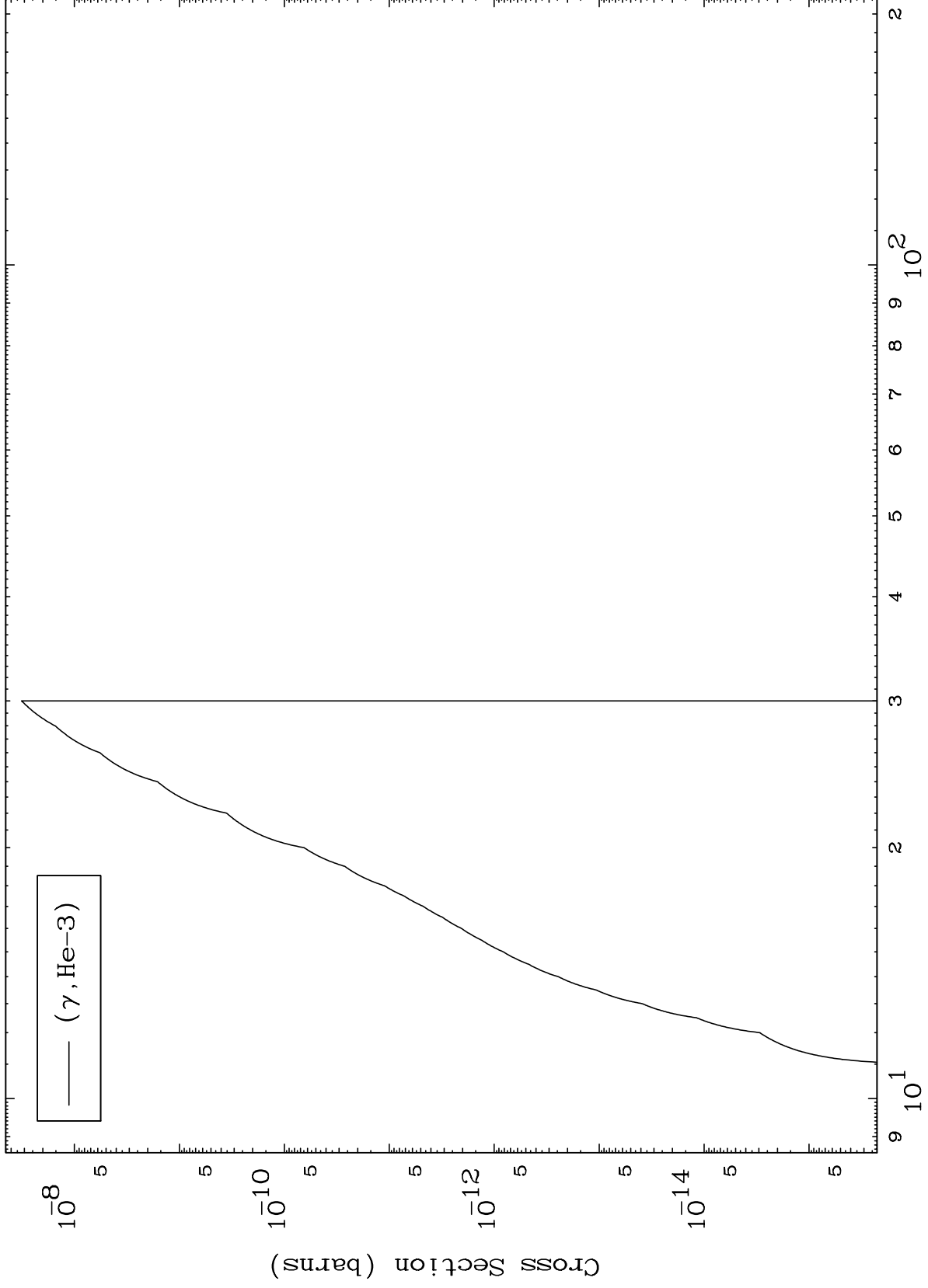
83-Bi-190



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

83-Bi-190



9

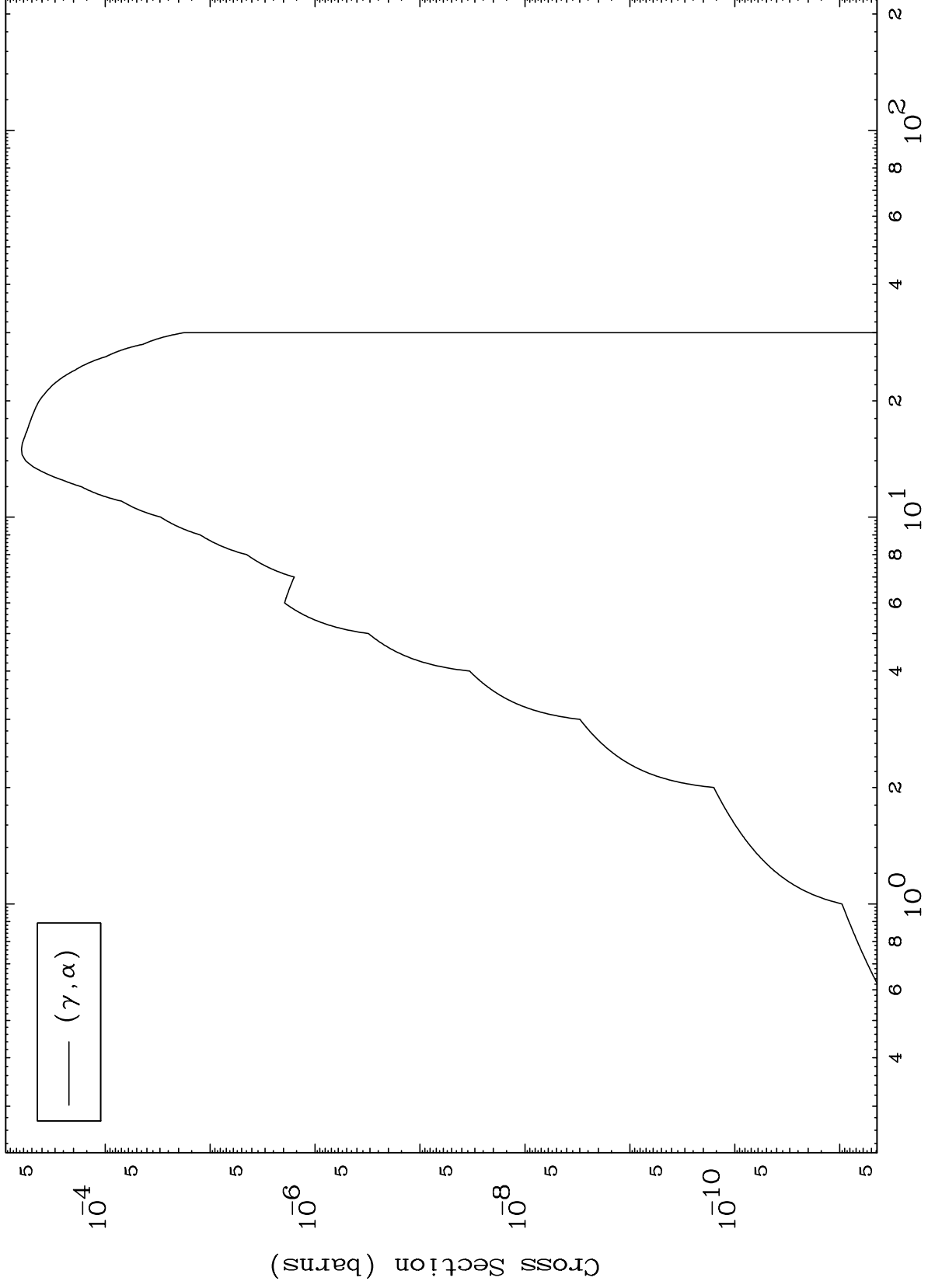
Incident Energy (MeV)

83-Bi-190

MAT 8268

(γ, α) Levels
0 Kelvin Cross Sections

83-Bi-190



10

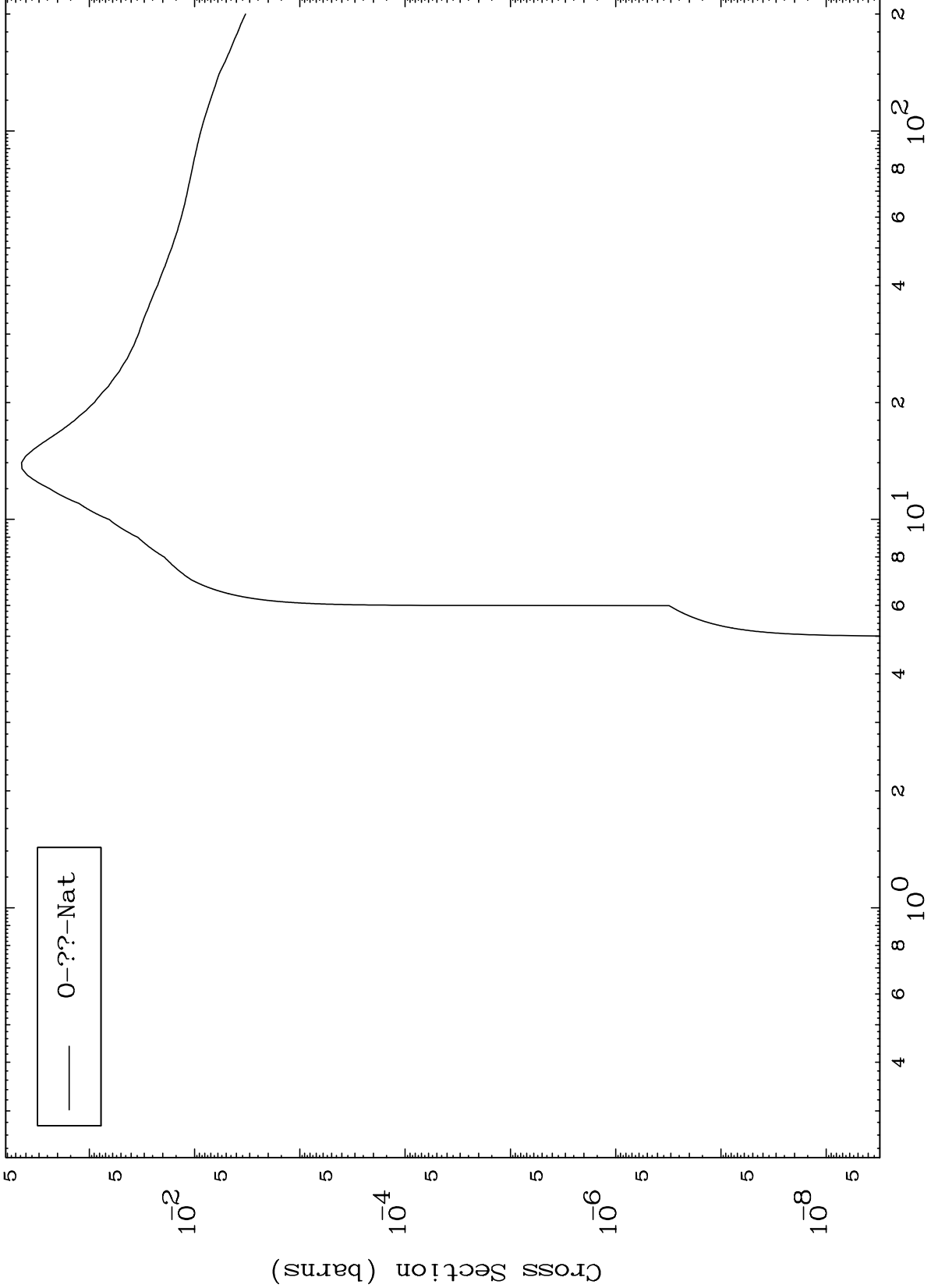
Incident Energy (MeV)

83-Bi-190

MAT 8268

83-Bi-190

Photon Fission
Radionuclide Production Cross Section

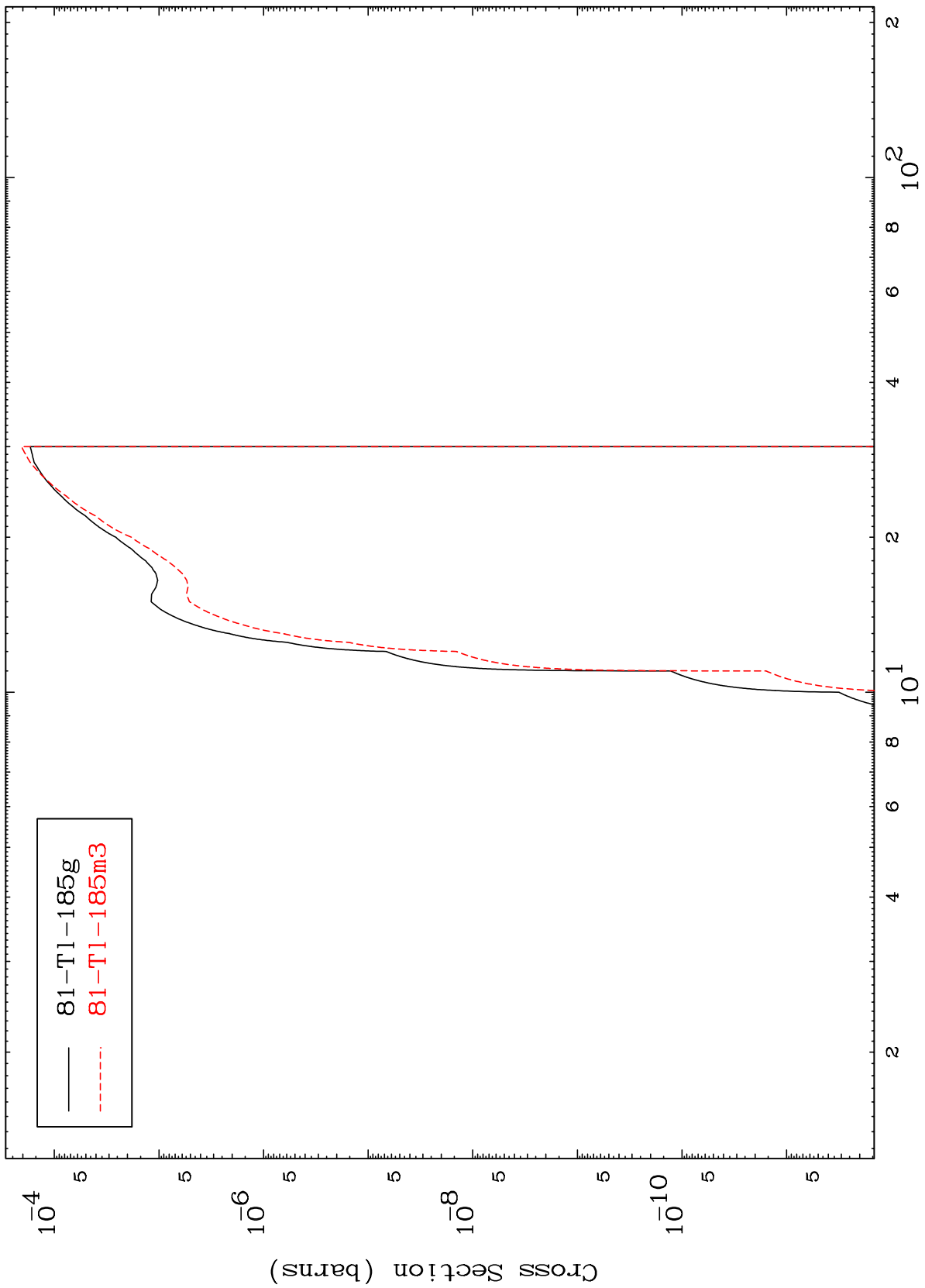


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(γ, n') α

83-Bi-190

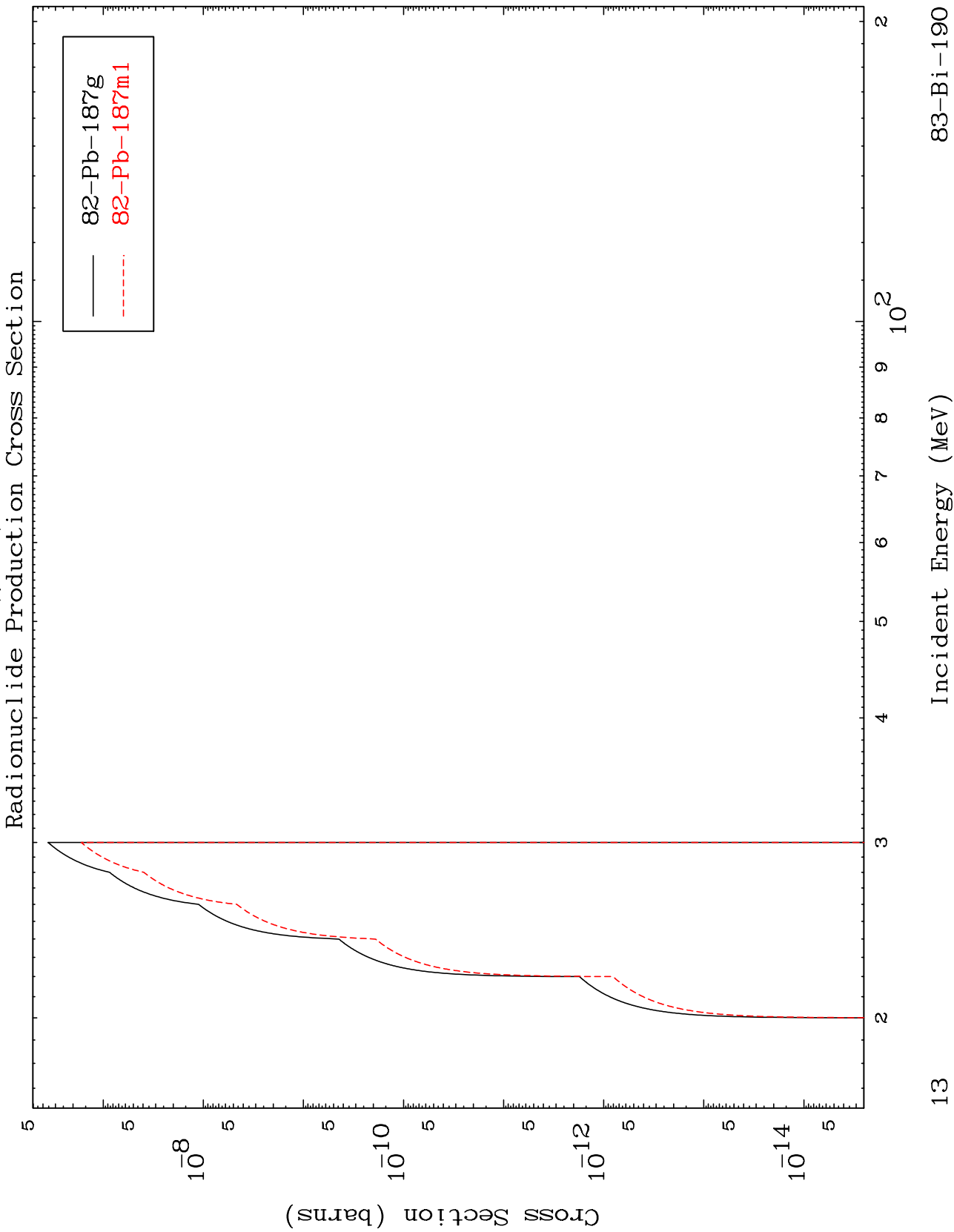
Radionuclide Production Cross Section



MAT 8268

(γ, n') d

83-Bi-190



13

Incident Energy (MeV)

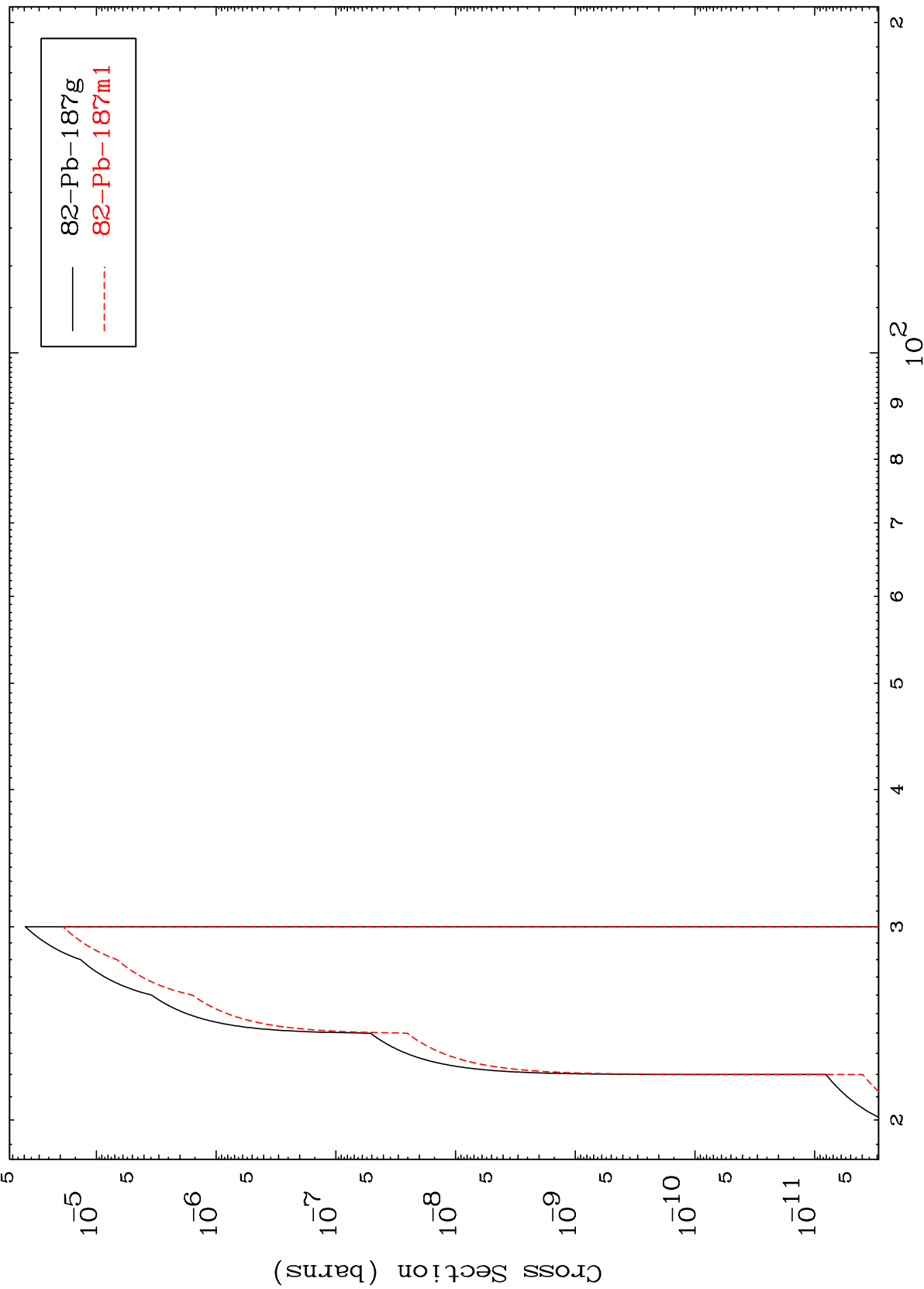
83-Bi-190

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$(\gamma, 2n)$ p

83-Bi-190

Radionuclide Production Cross Section



14

Incident Energy (MeV)

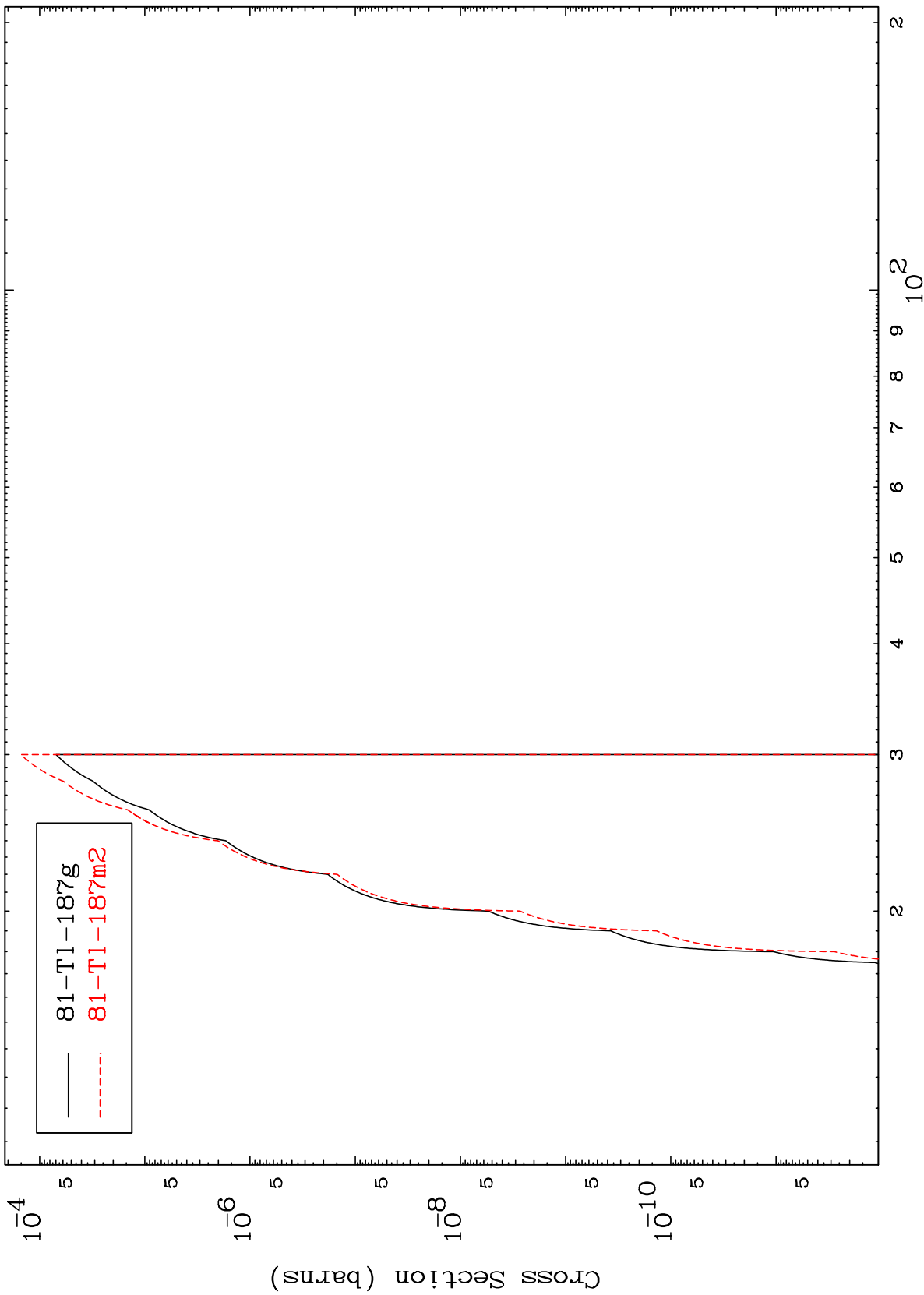
83-Bi-190

MAT 8268

($\gamma, 2n$) p

83-Bi-190

Radionuclide Production Cross Section



15

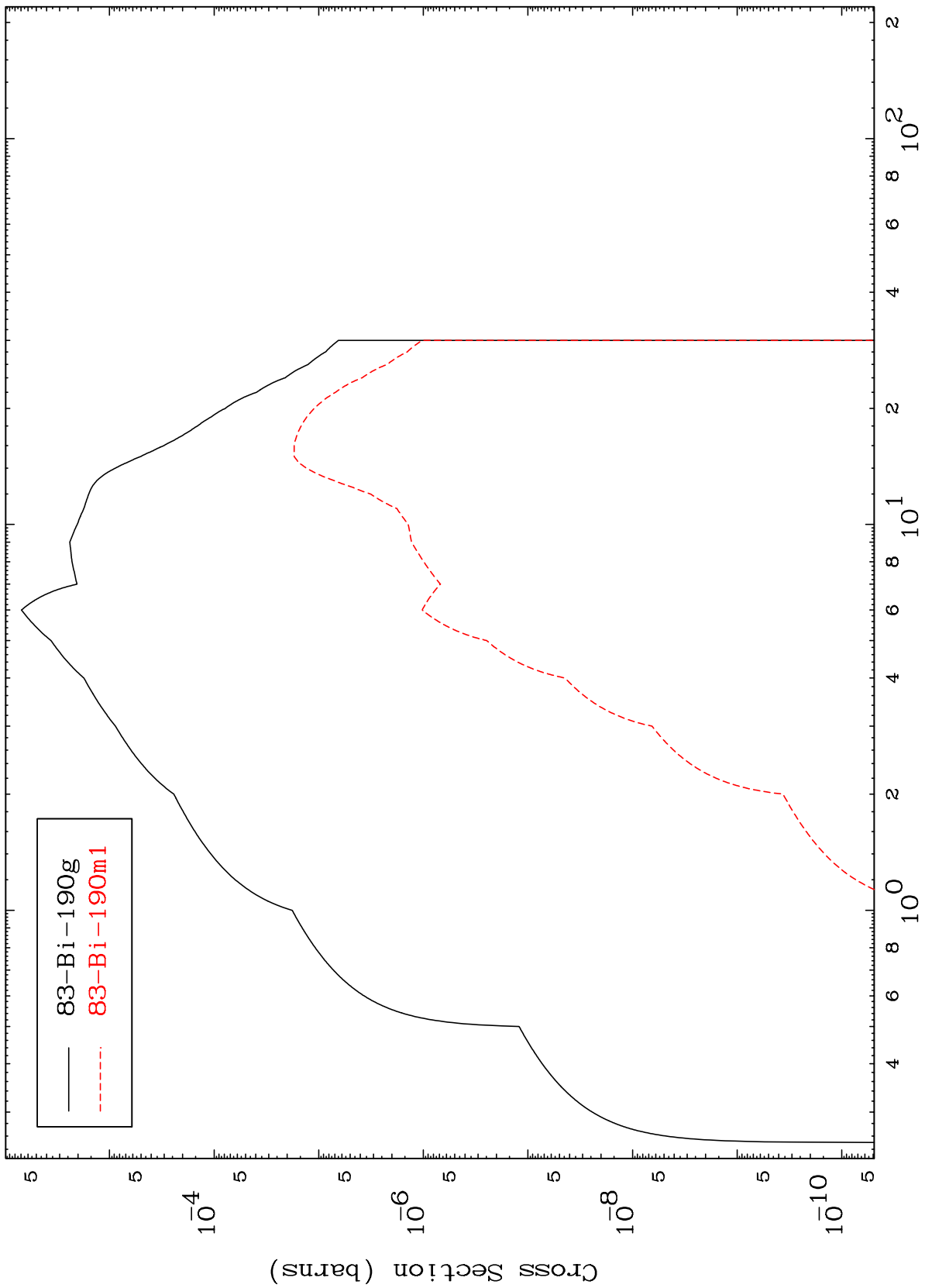
Incident Energy (MeV)

83-Bi-190

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83-Bi-190

Radionuclide Production Cross Section
(γ, γ)



83-Bi-190g
83-Bi-190m1

16

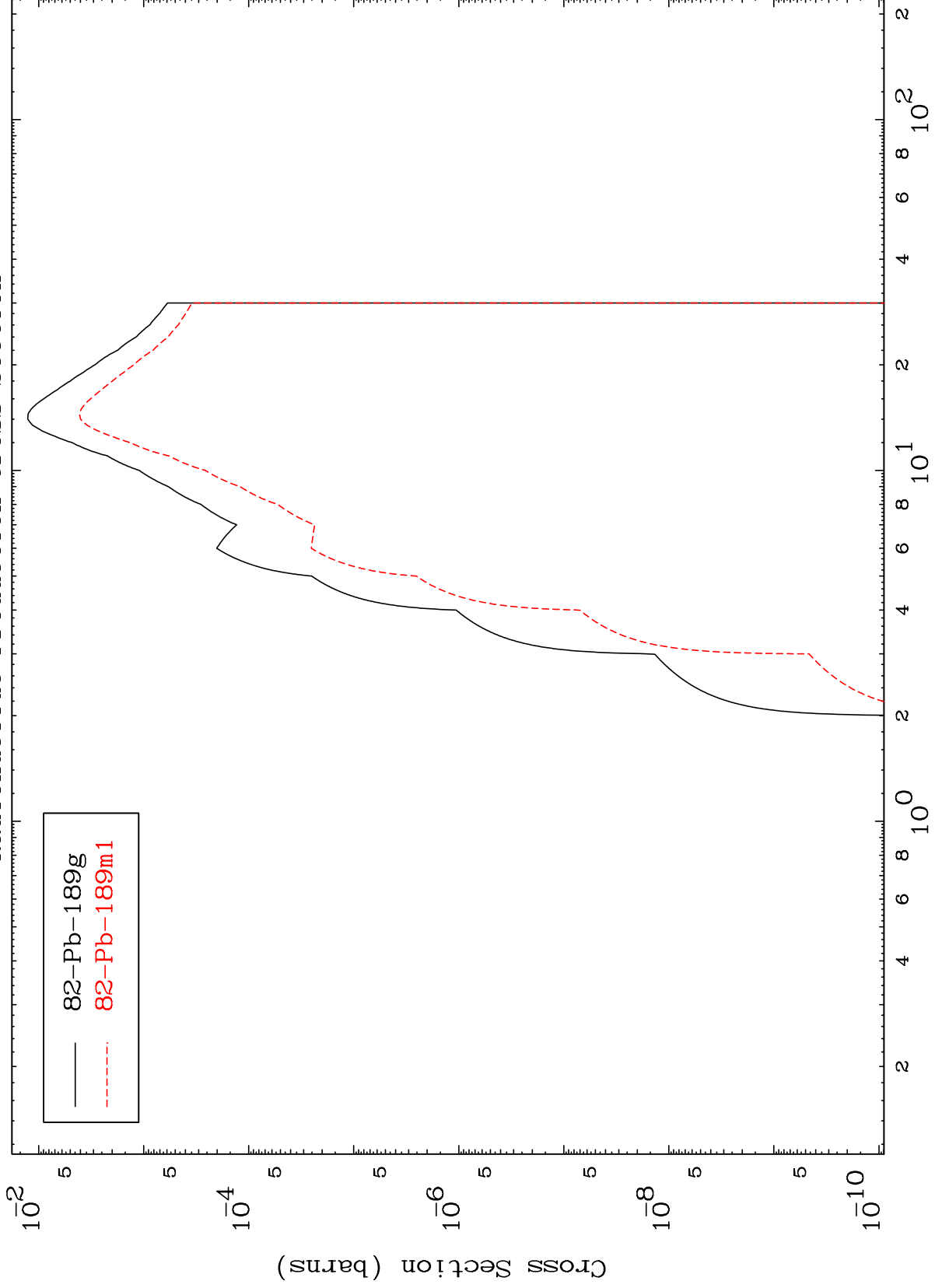
83-Bi-190

Incident Energy (MeV)

MAT 8268

83-Bi-190

(γ, p)
Radionuclide Production Cross Section

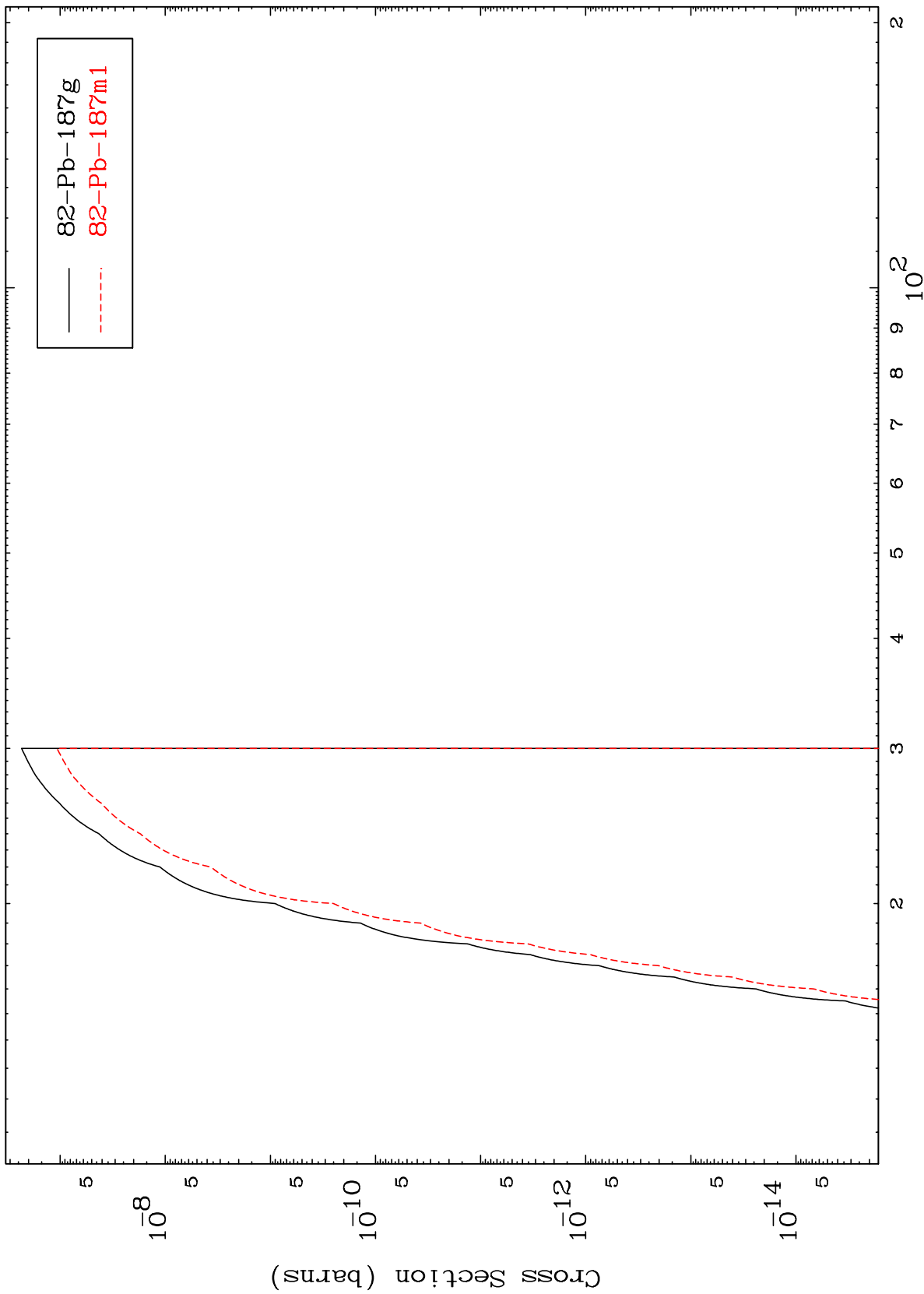


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83-Bi-190

Incident Energy (MeV)

(γ, t)
Radionuclide Production Cross Section

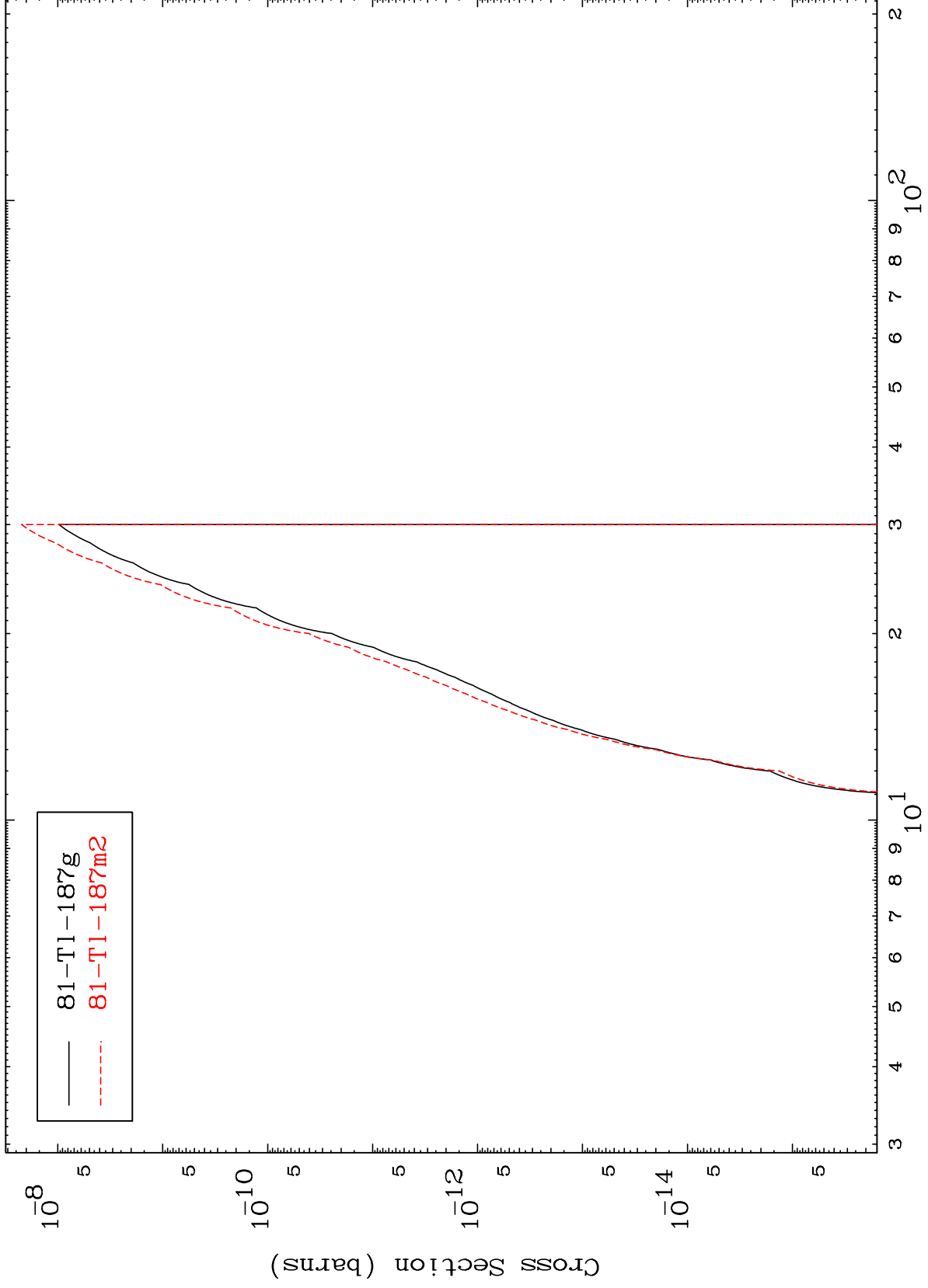


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($\gamma, \text{He-3}$)

83-Bi-190

Radionuclide Production Cross Section



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

19

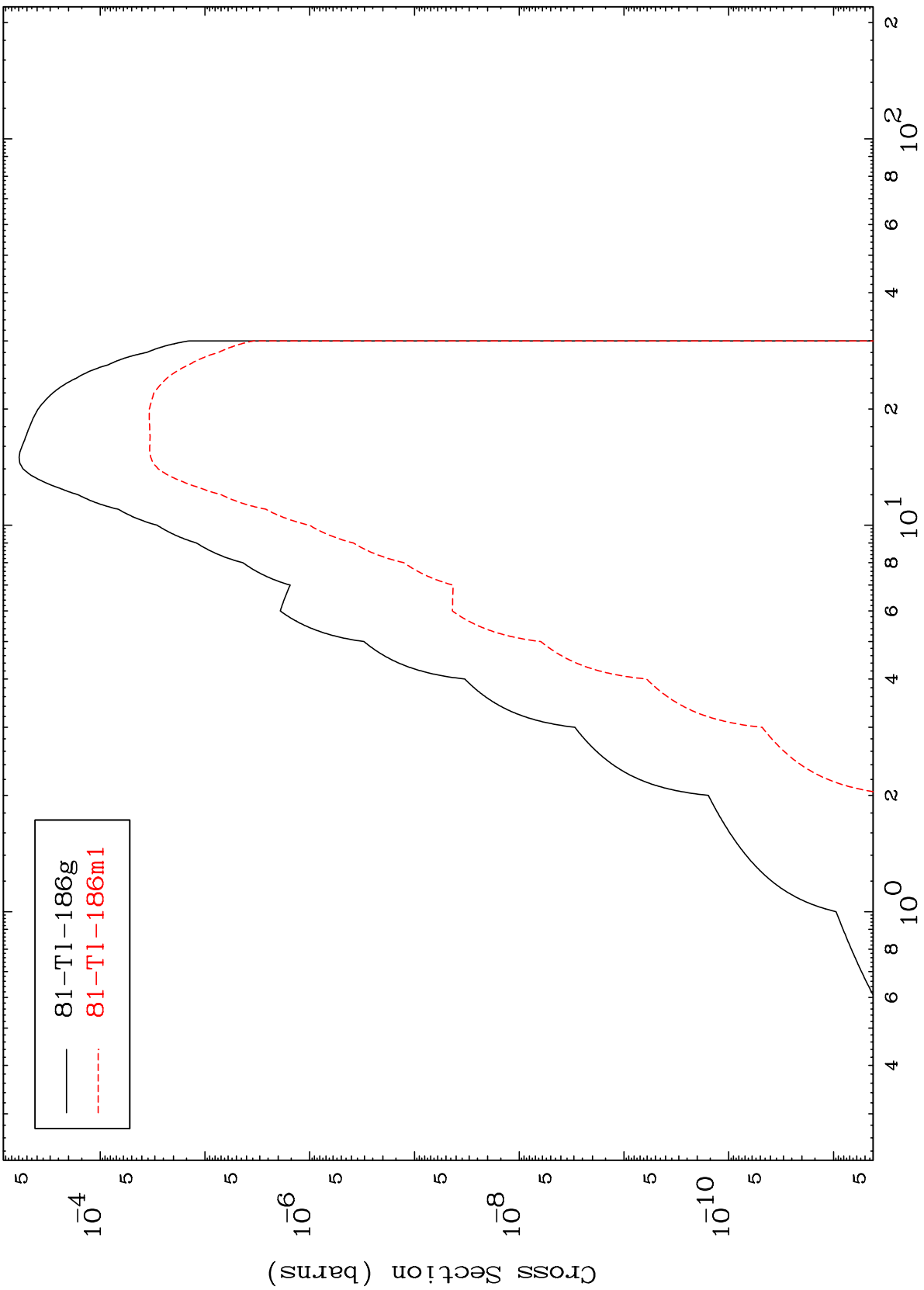
Incident Energy (MeV)

83-Bi-190

MAT 8268

83-Bi-190

Radionuclide Production Cross Section
(γ, α)



81-Tl-186g
81-Tl-186m1

20

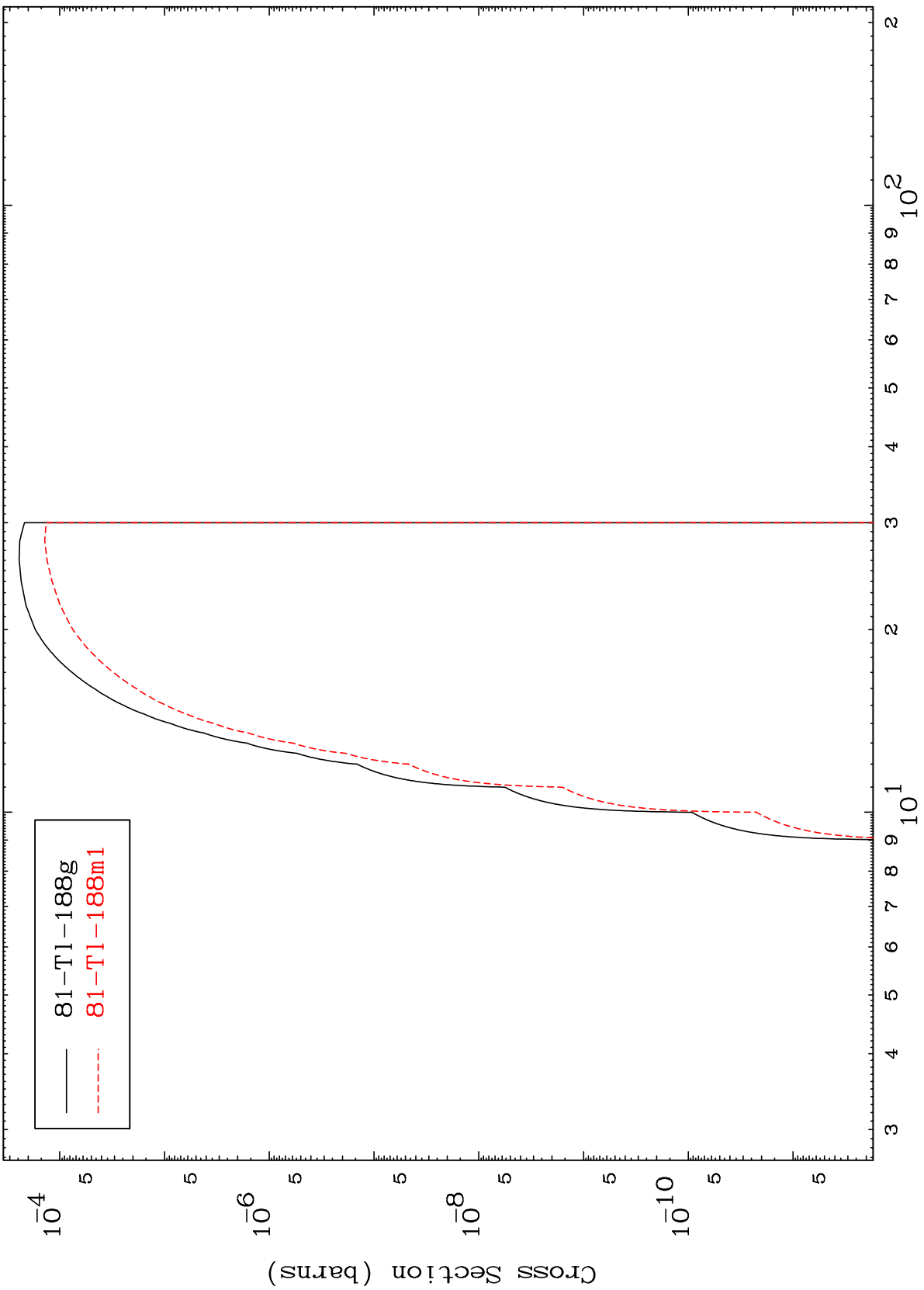
Incident Energy (MeV)

83-Bi-190

MAT 8268

83-Bi-190

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



21

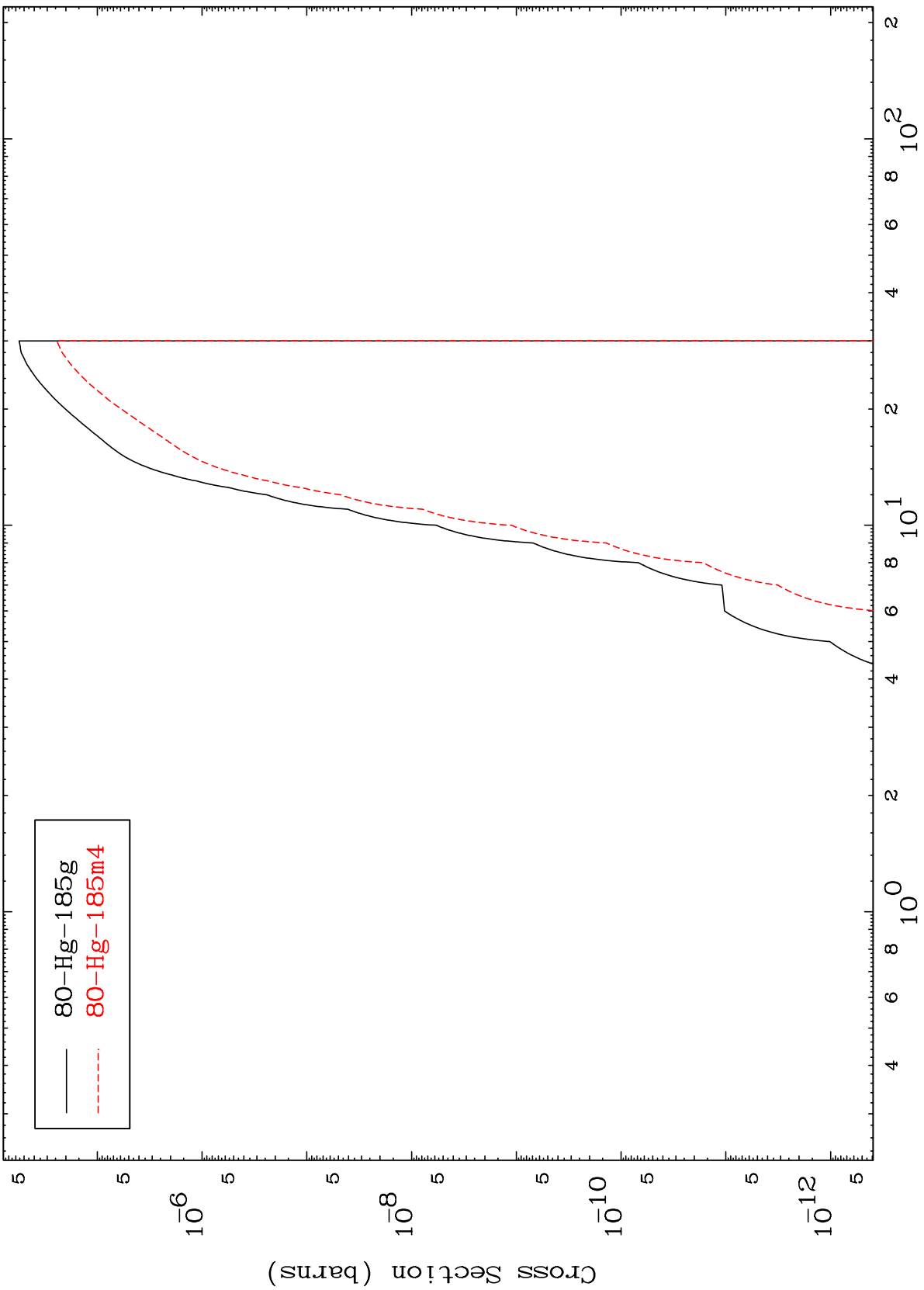
83-Bi-190

MAT 8268

(γ, p) α

83-Bi-190

Radionuclide Production Cross Section

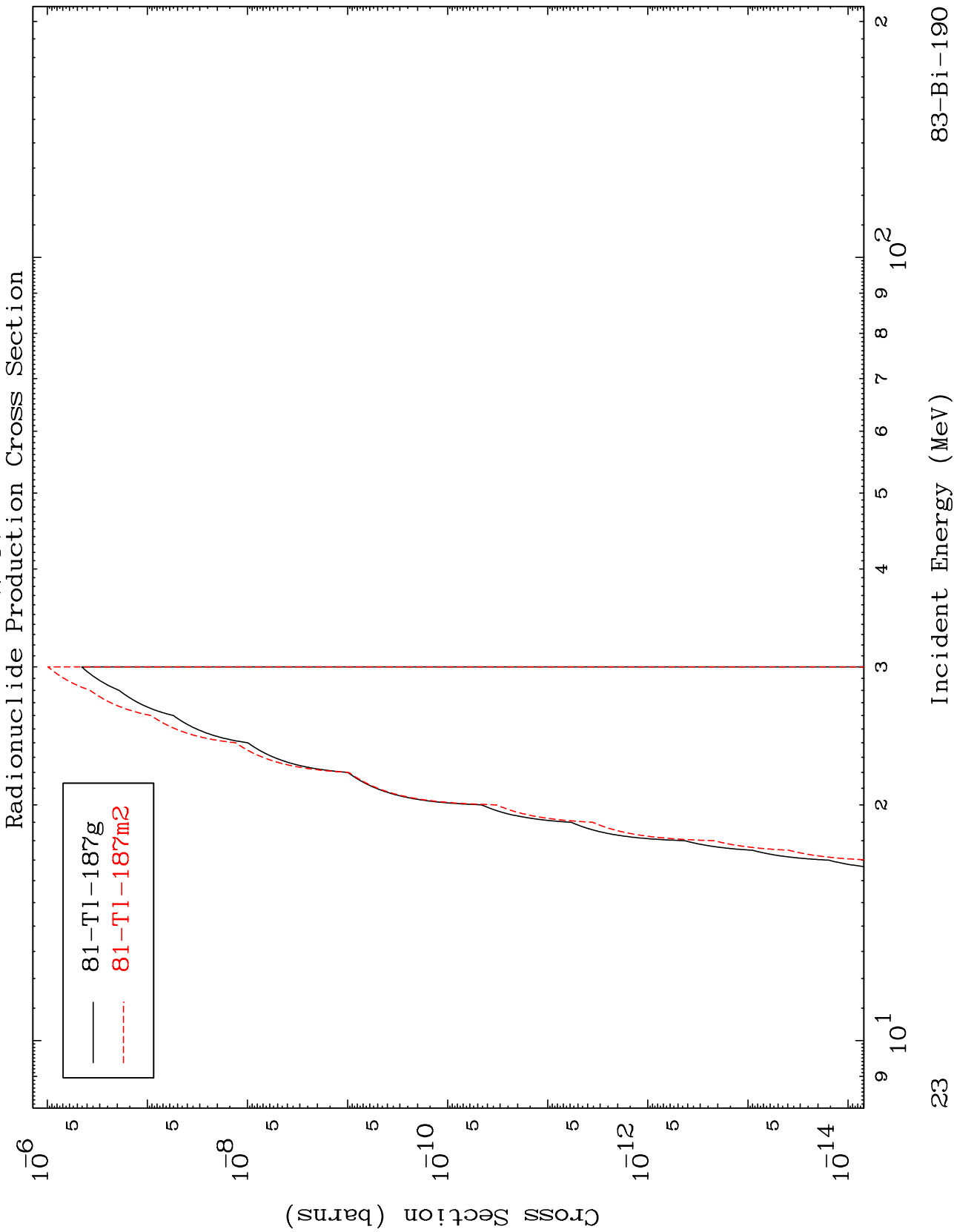


80-Hg-185g
80-Hg-185m4

MAT 8268

(γ, p) d

83-Bi-190



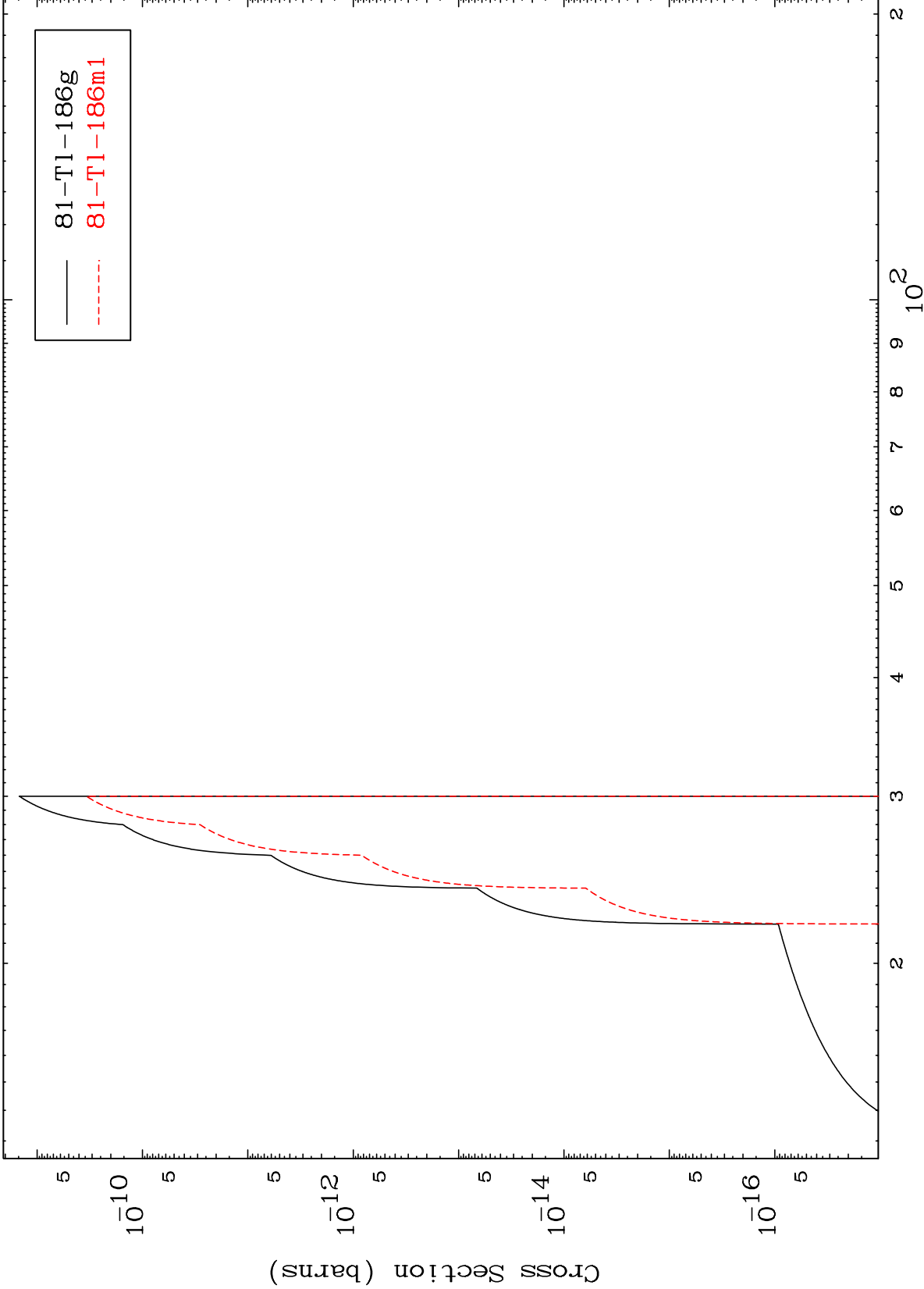
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MAT 8268

(γ, p) t

83-Bi-190

Radionuclide Production Cross Section



81-Tl-186g
81-Tl-186m1

24

Incident Energy (MeV)

83-Bi-190