

Program EVALPLOT
(Version 2018-1)

by

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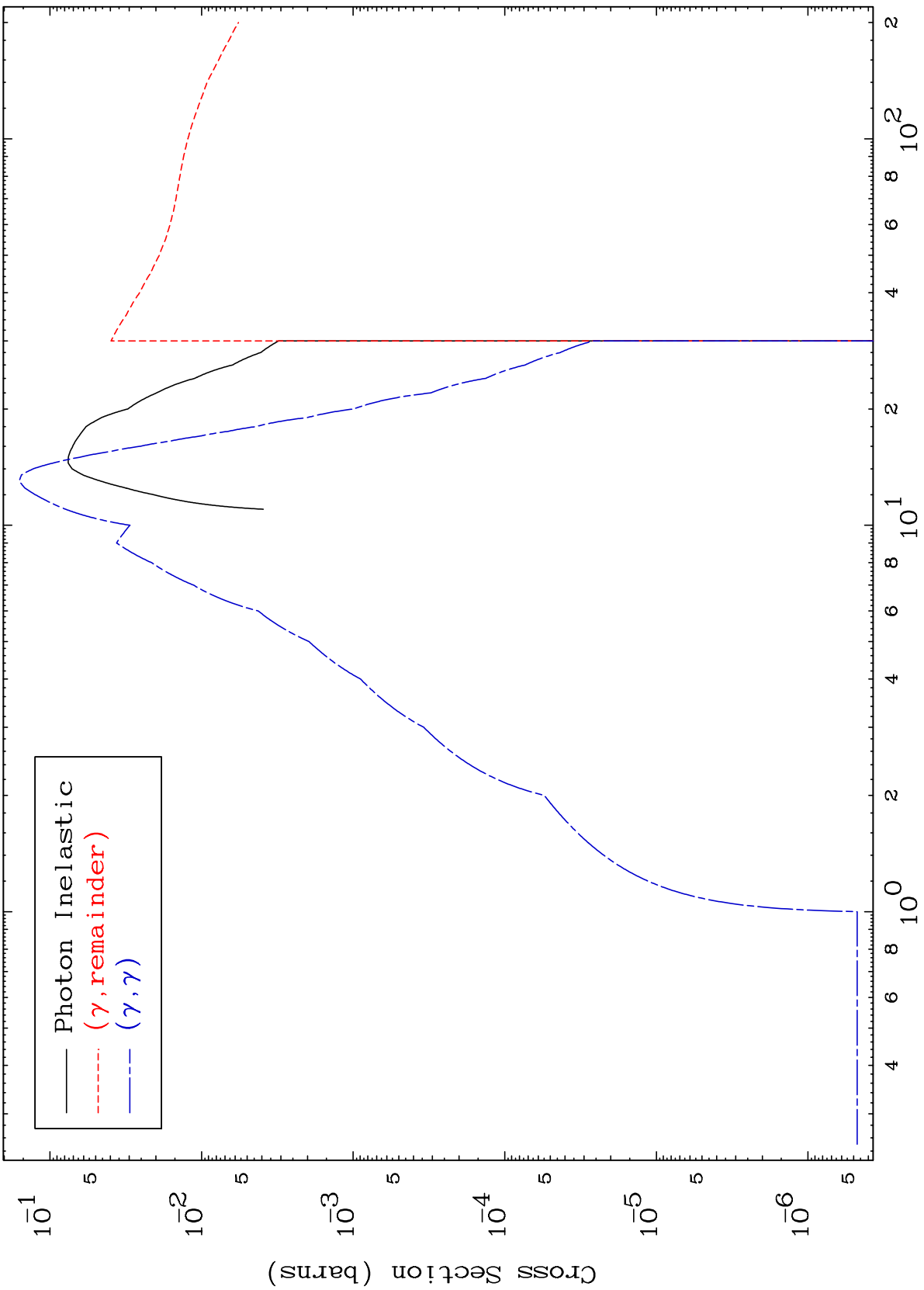
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8183

Photon Major
0 Kelvin Cross Sections

82-Pb-190

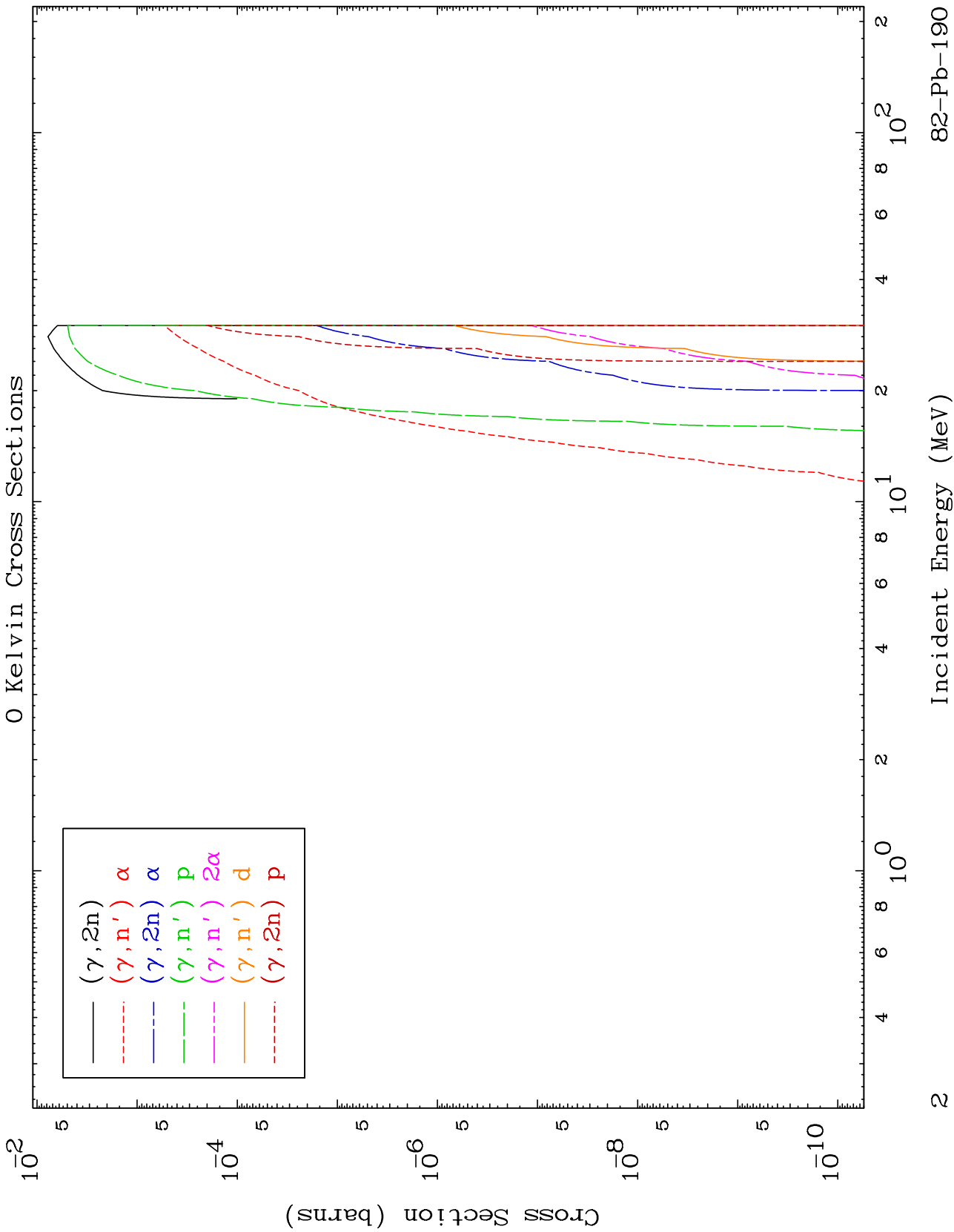


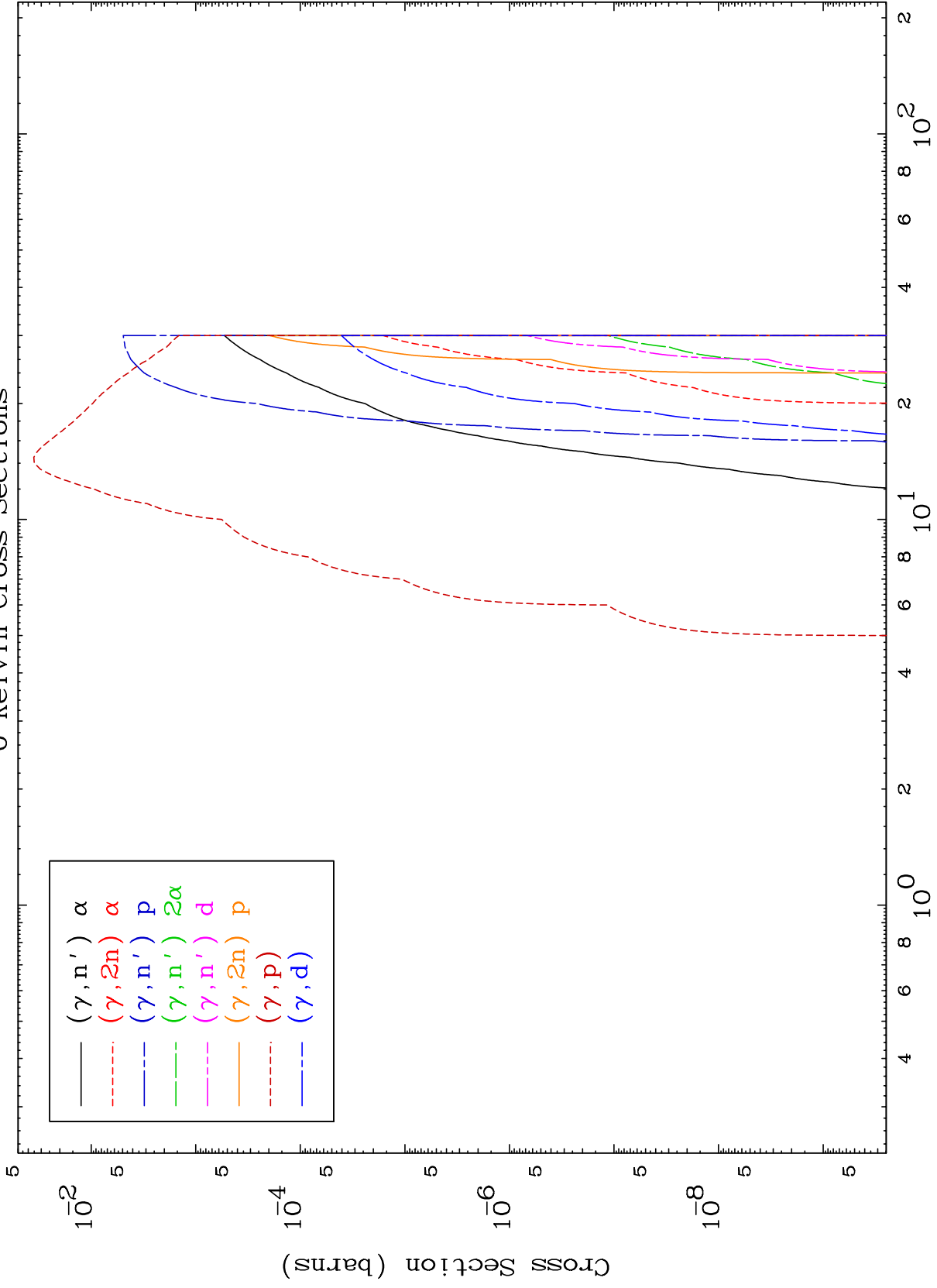
— Photon Inelastic
- - - (γ , remainder)
- - - (γ , γ)

MAT 8183

Photon Neutron Production
0 Kelvin Cross Sections

82-Pb-190

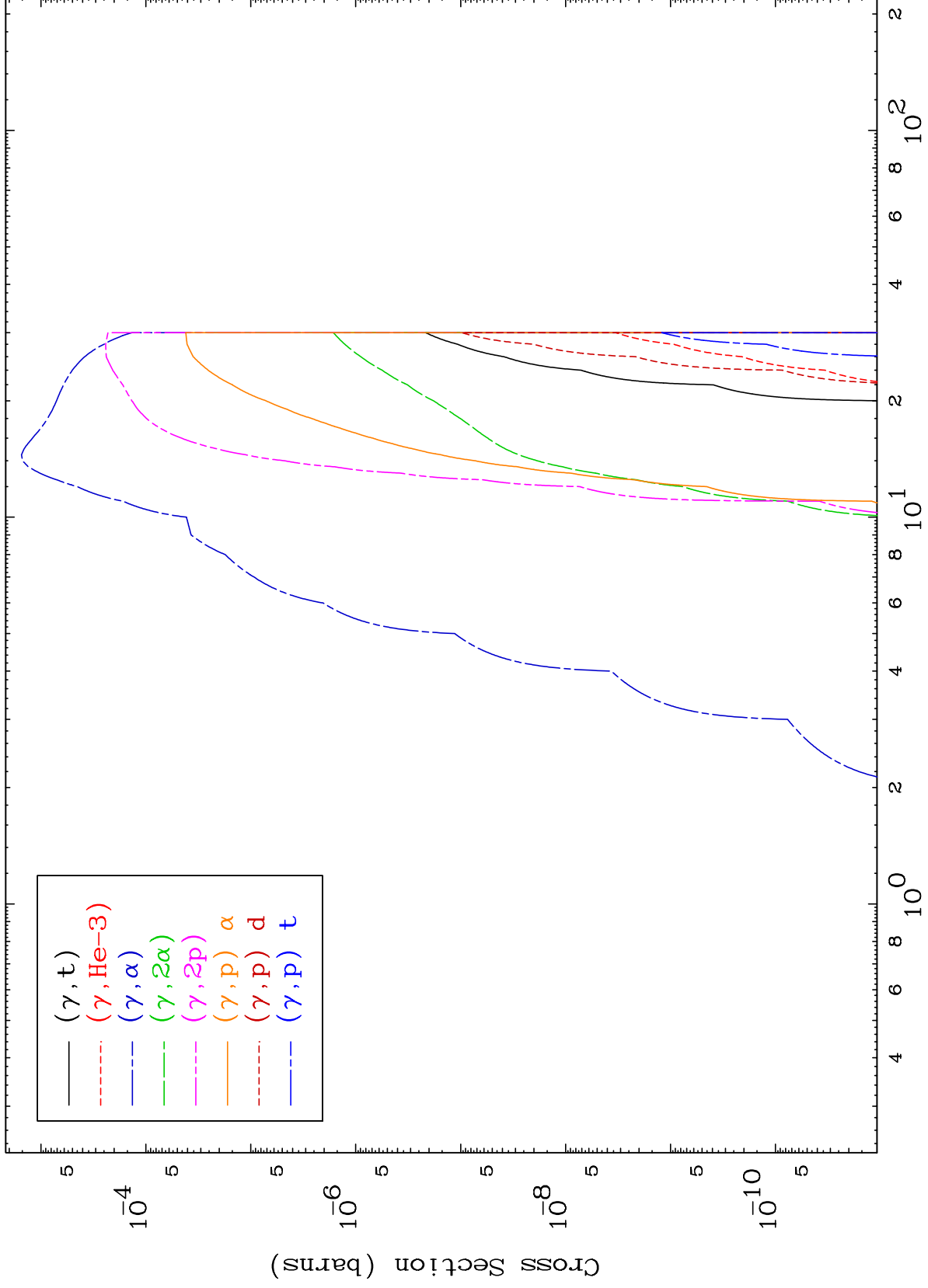




MAT 8183

Photon Charged Particle
0 Kelvin Cross Sections

82-Pb-190

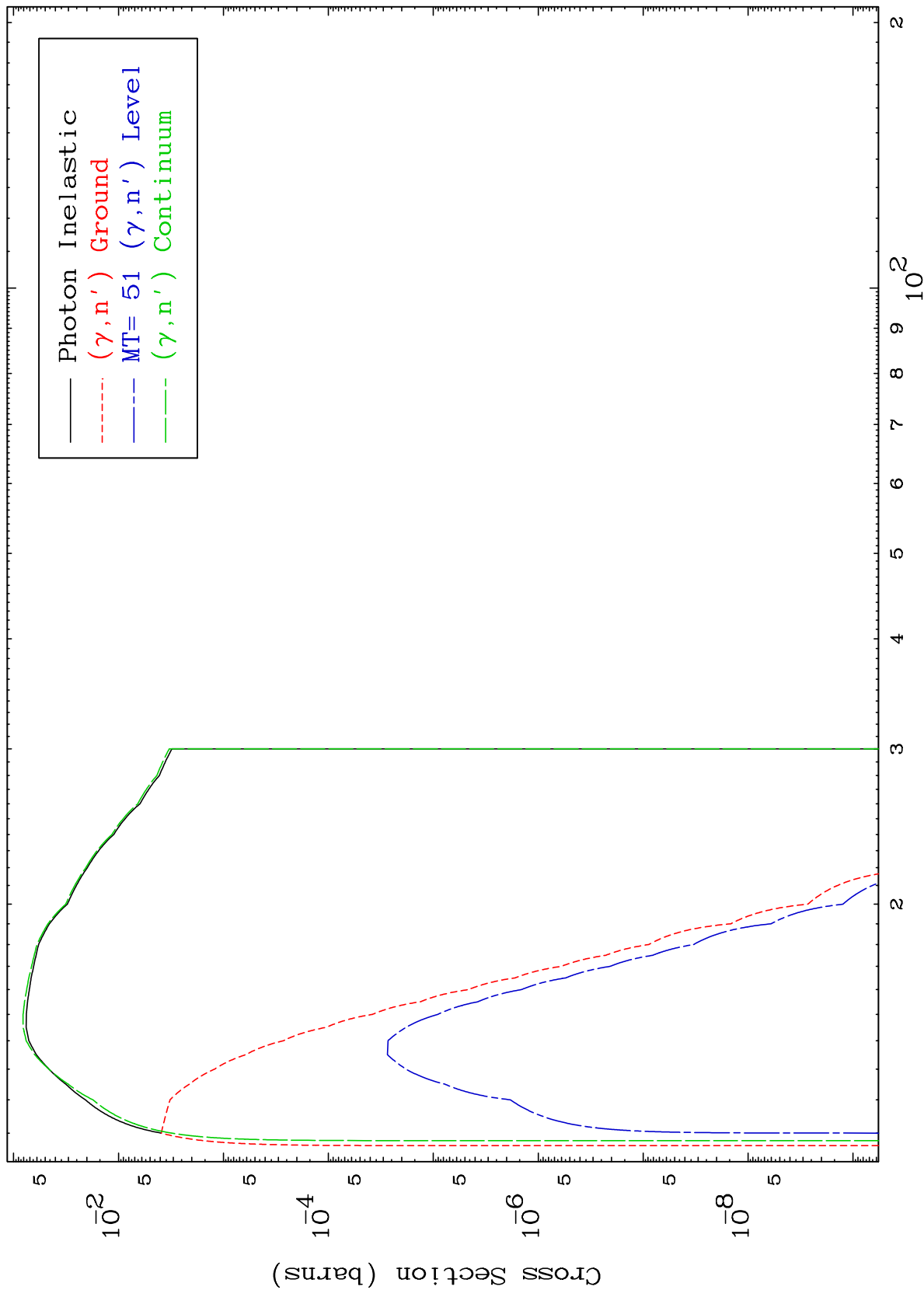


MAT 8183

(γ, n') Level

82-Pb-190

0 Kelvin Cross Sections



Incident Energy (MeV)

82-Pb-190

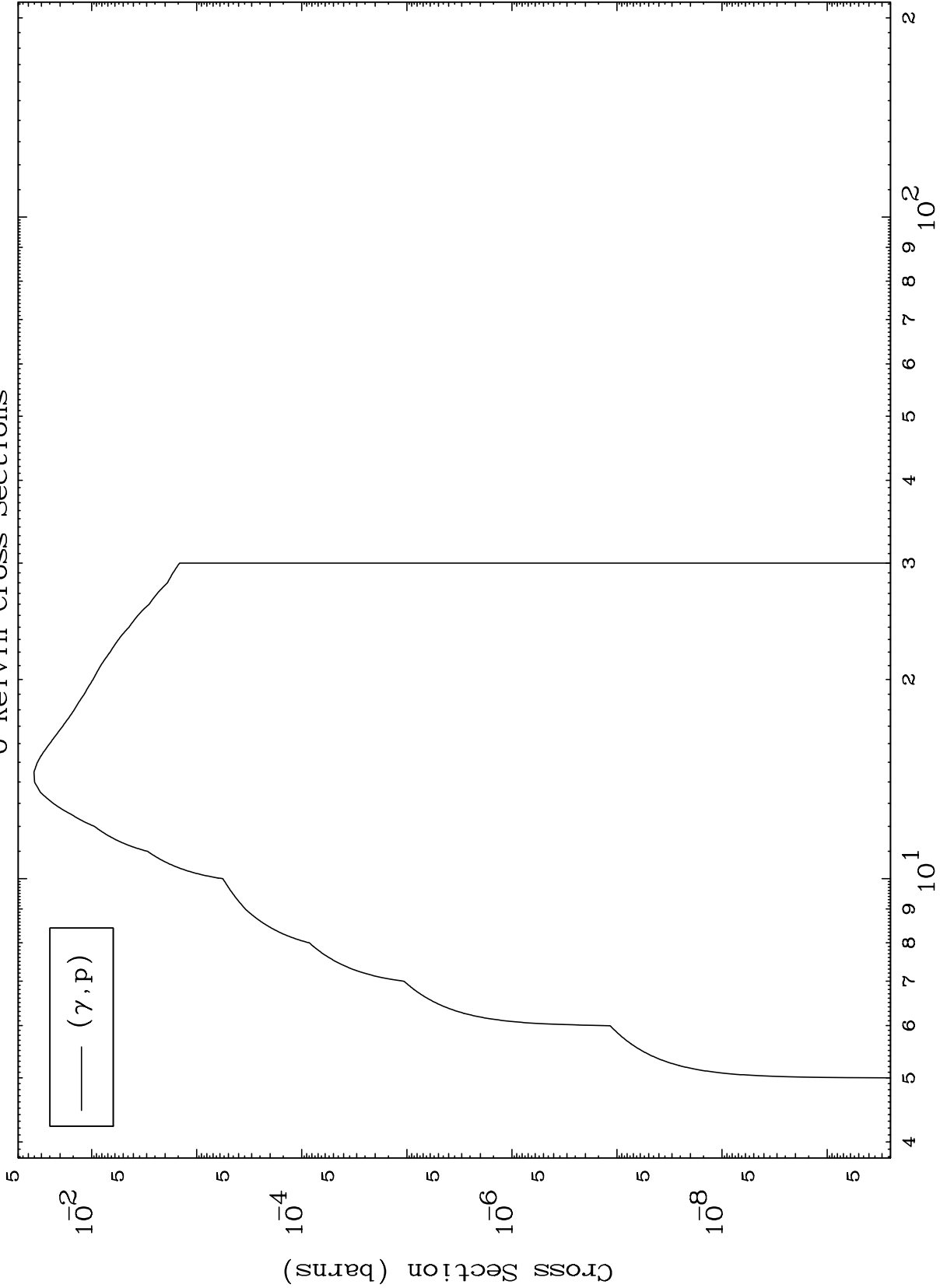
5

MAT 8183

(γ, p) Levels

82-Pb-190

0 Kelvin Cross Sections



(γ, p)

82-Pb-190

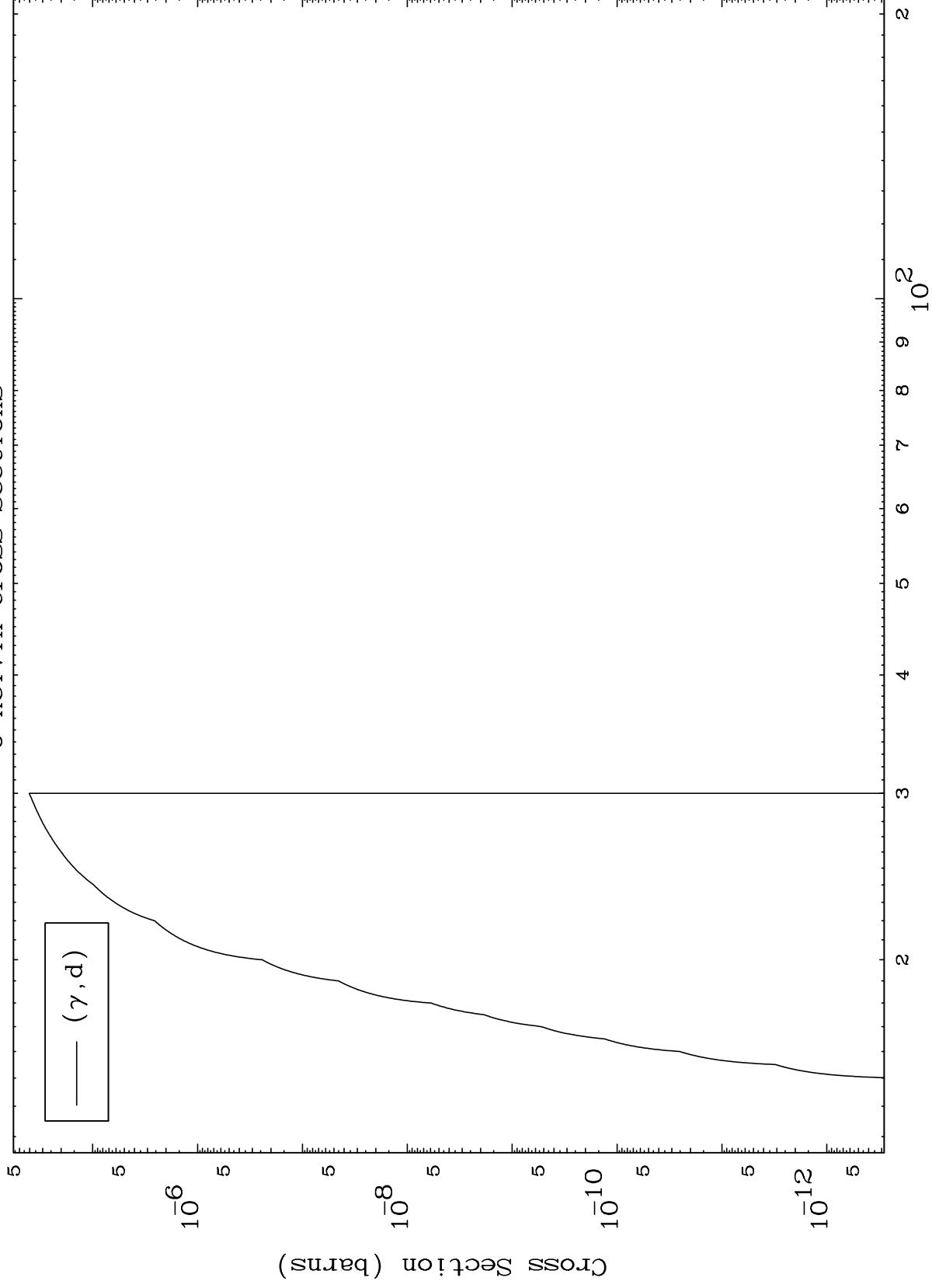
Incident Energy (MeV)

6

MAT 8183

(γ, d) Levels
0 Kelvin Cross Sections

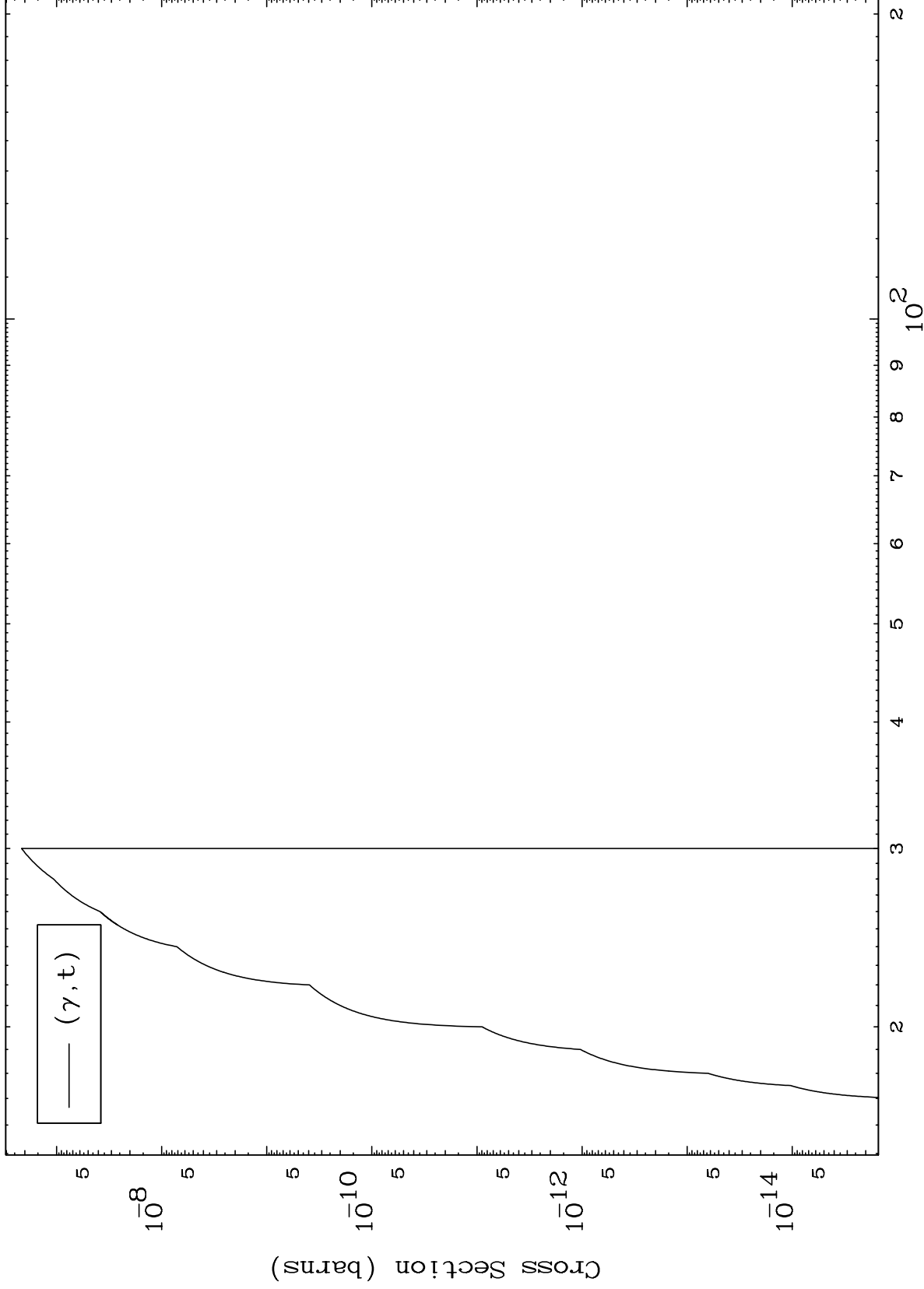
82-Pb-190



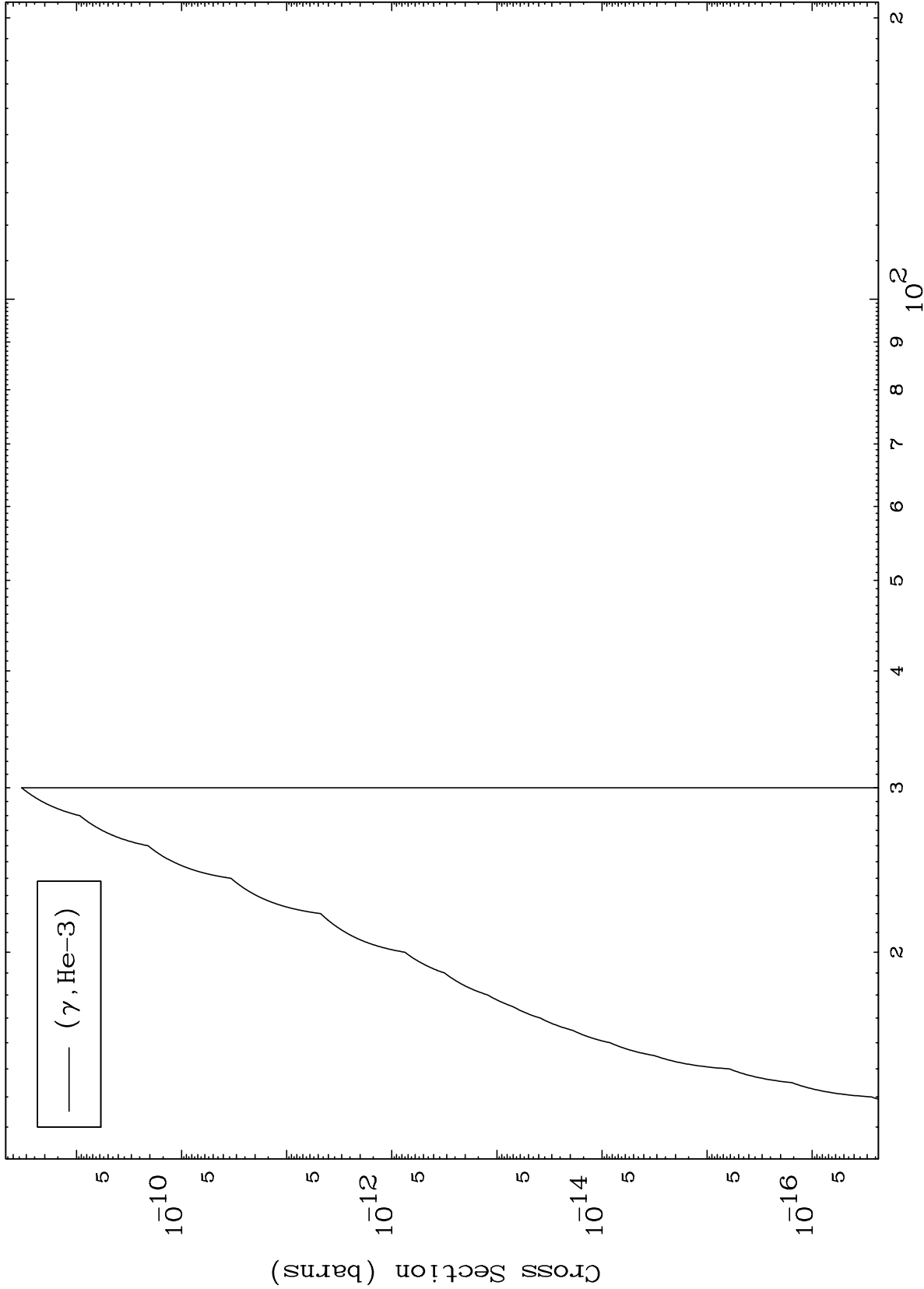
7

Incident Energy (MeV)

82-Pb-190



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

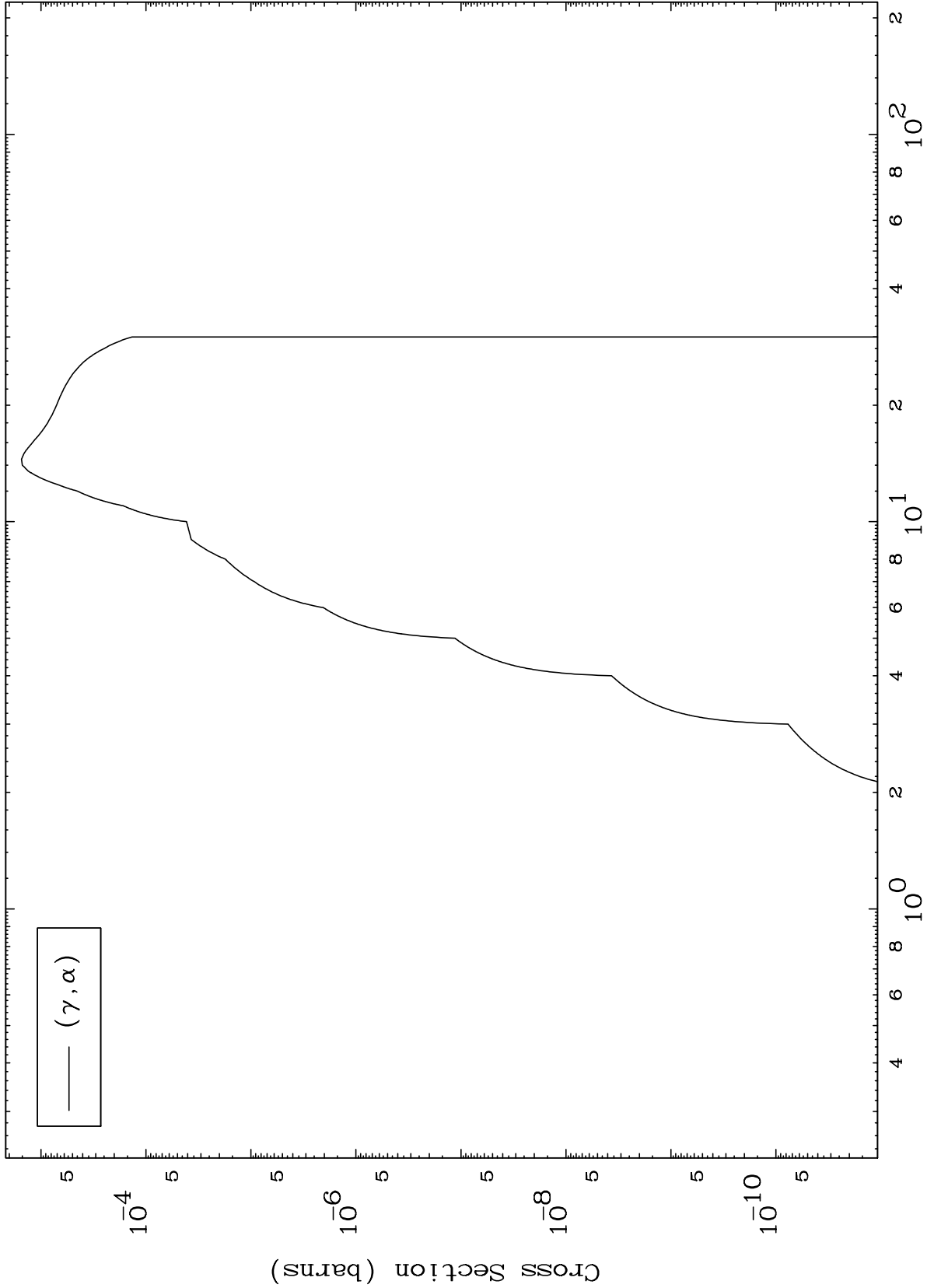


MAT 8183

(γ, α) Levels

82-Pb-190

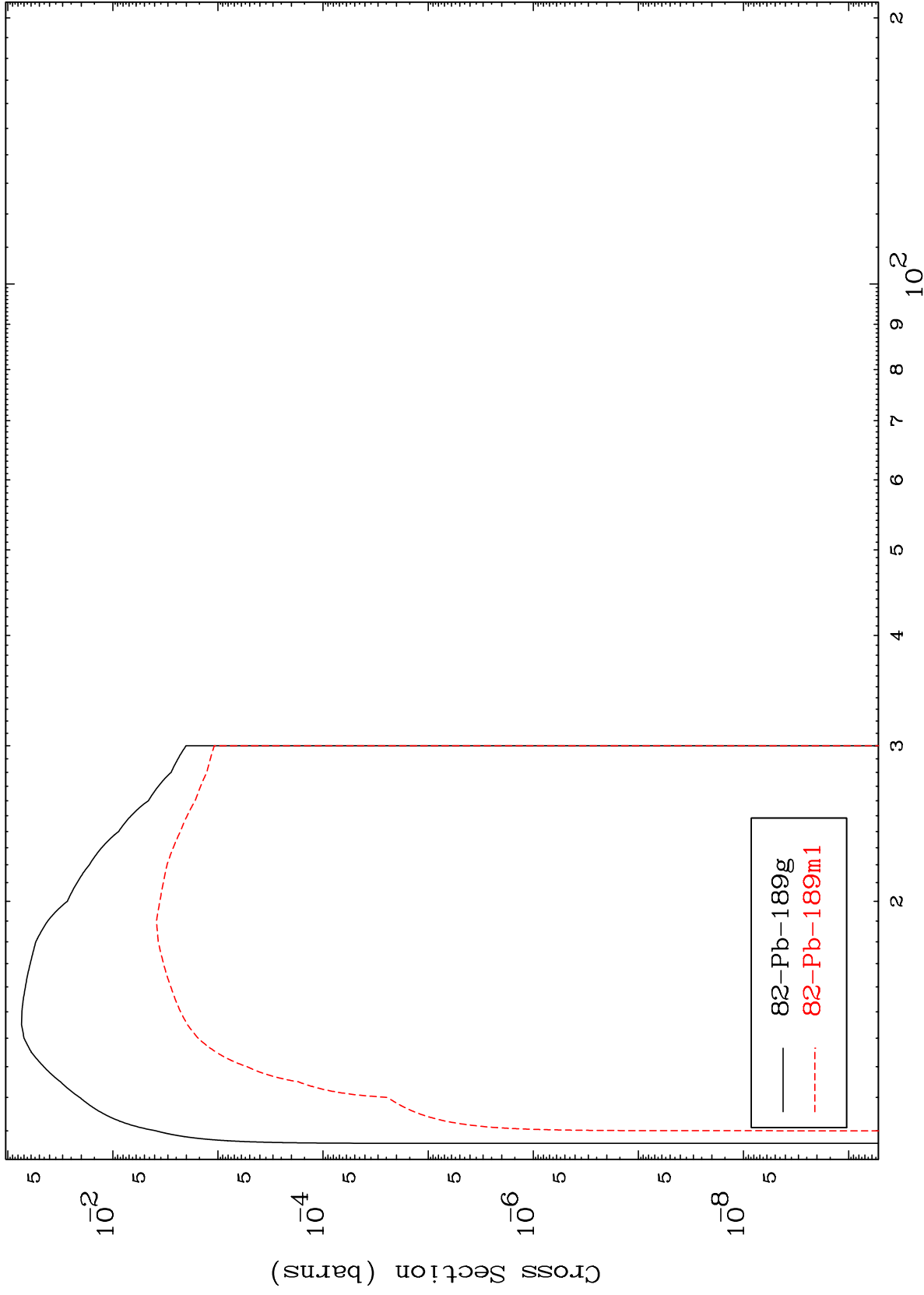
0 Kelvin Cross Sections



10

Incident Energy (MeV)

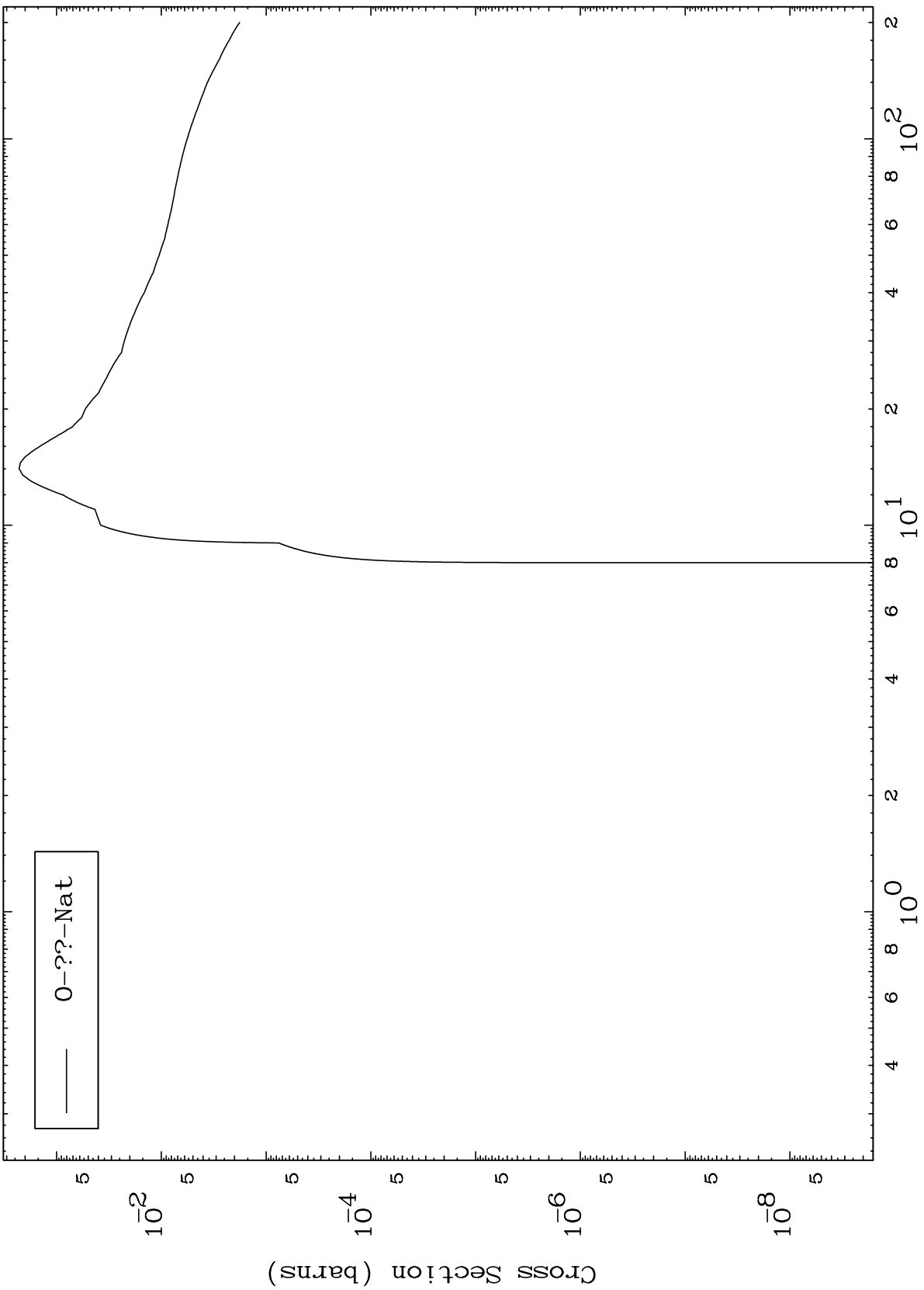
82-Pb-190



MAT 8183

Photon Fission
Radionuclide Production Cross Section

82-Pb-190

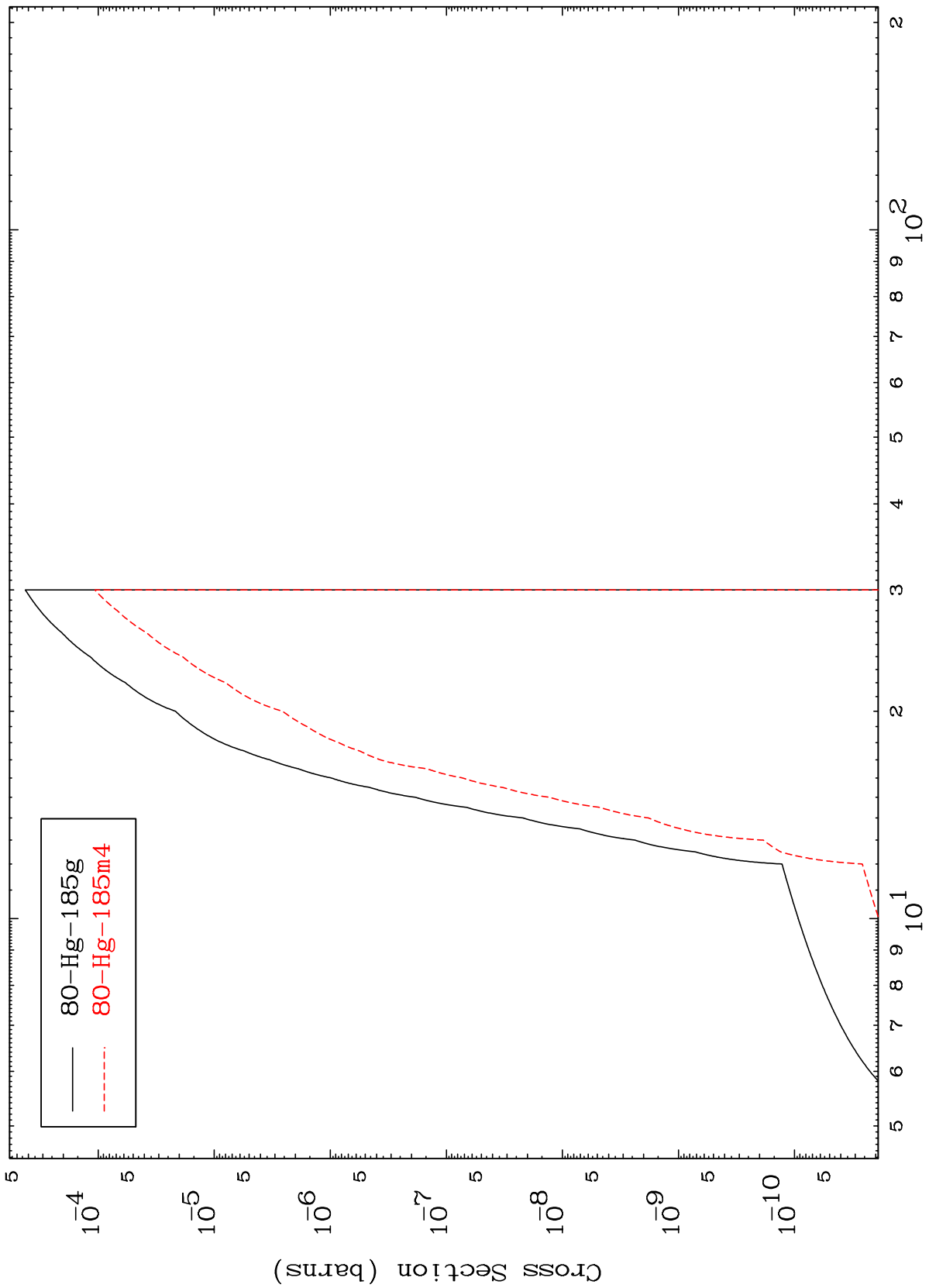


— 0-??-Nat

MAT 8183

82-Pb-190

(γ, n') α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

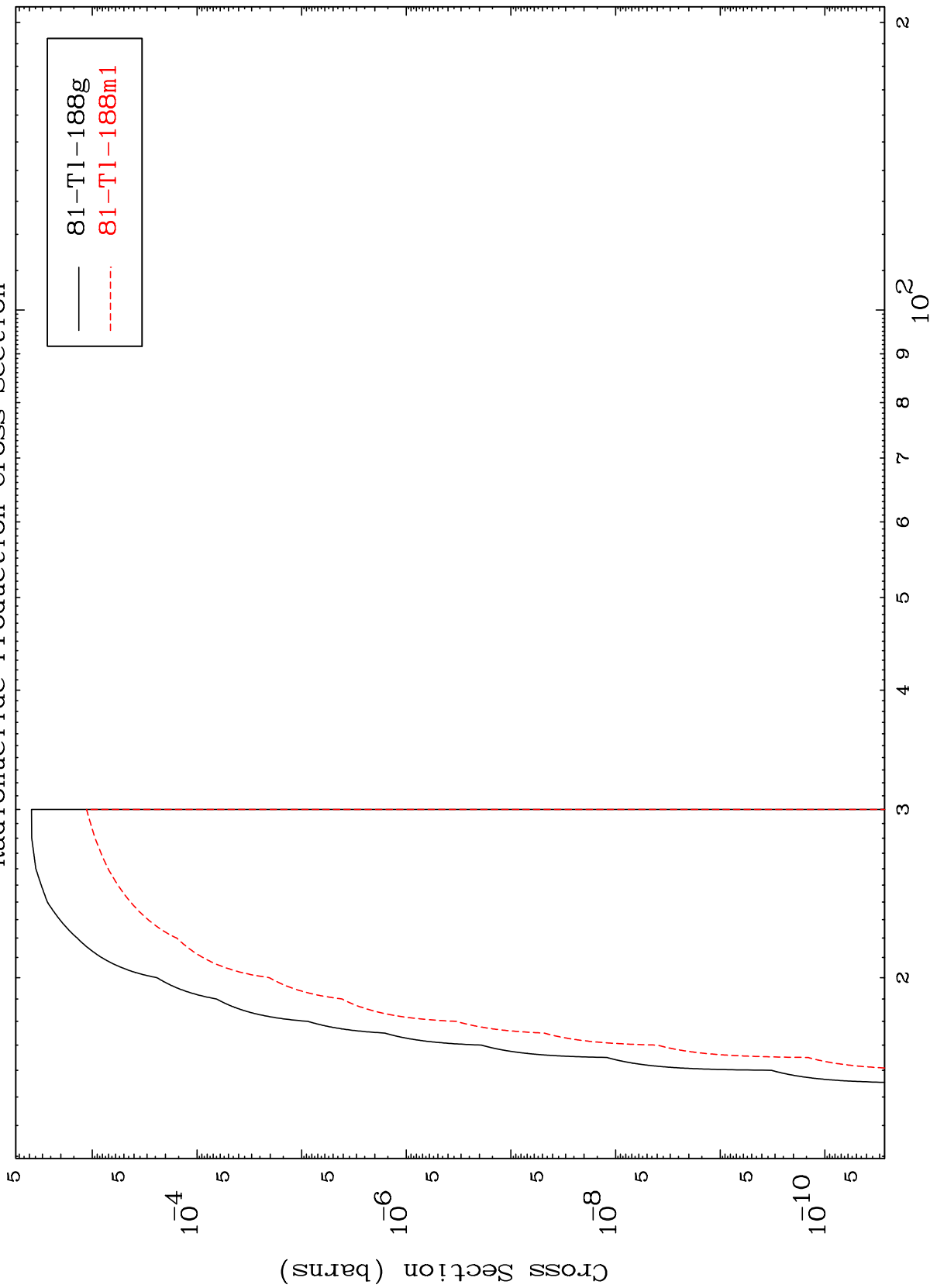
82-Pb-190

MAT 8183

(γ, n') p

82-Pb-190

Radionuclide Production Cross Section



14

Incident Energy (MeV)

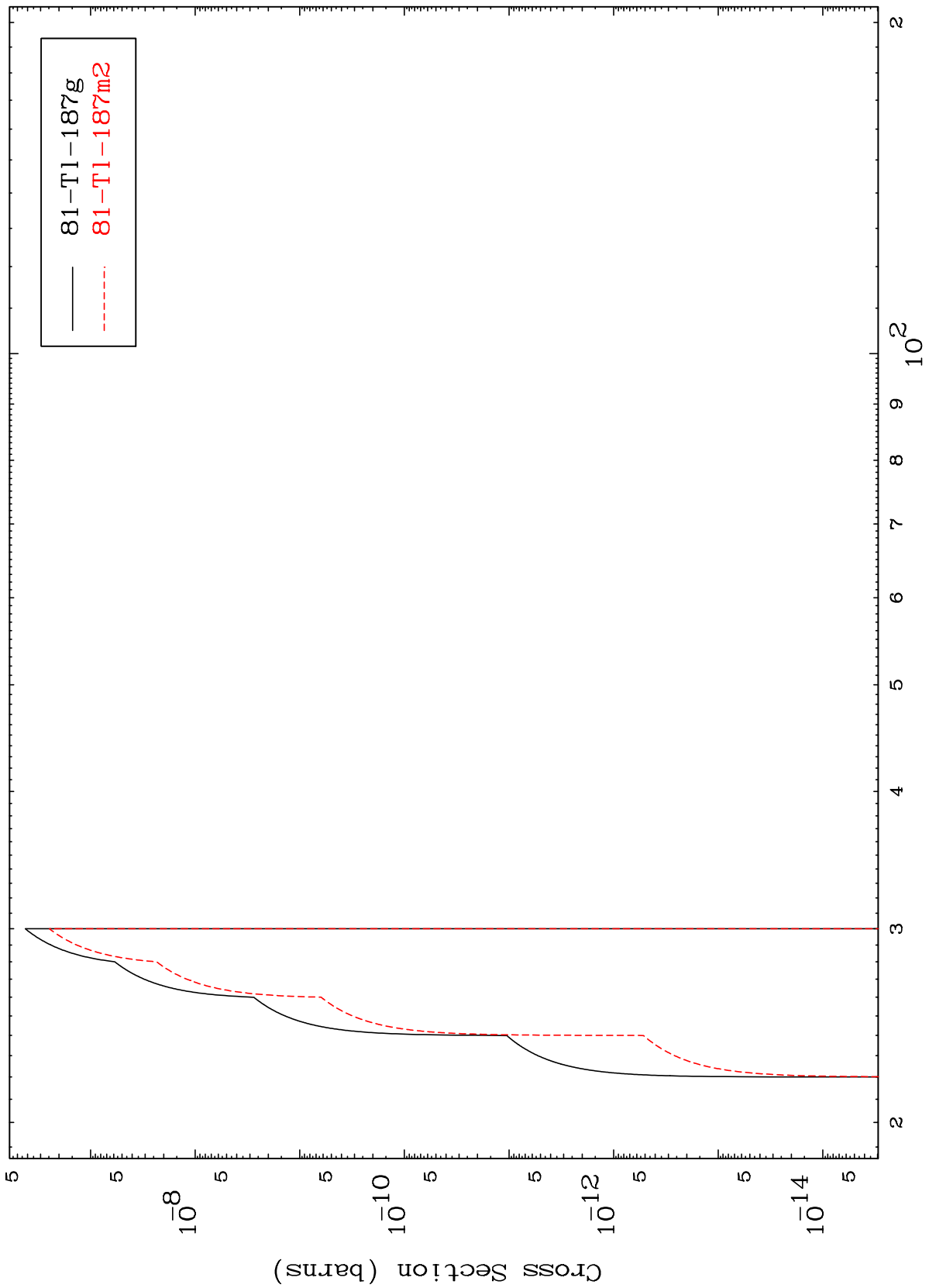
82-Pb-190

MAT 8183

(γ, n') d

82-Pb-190

Radionuclide Production Cross Section



15

Incident Energy (MeV)

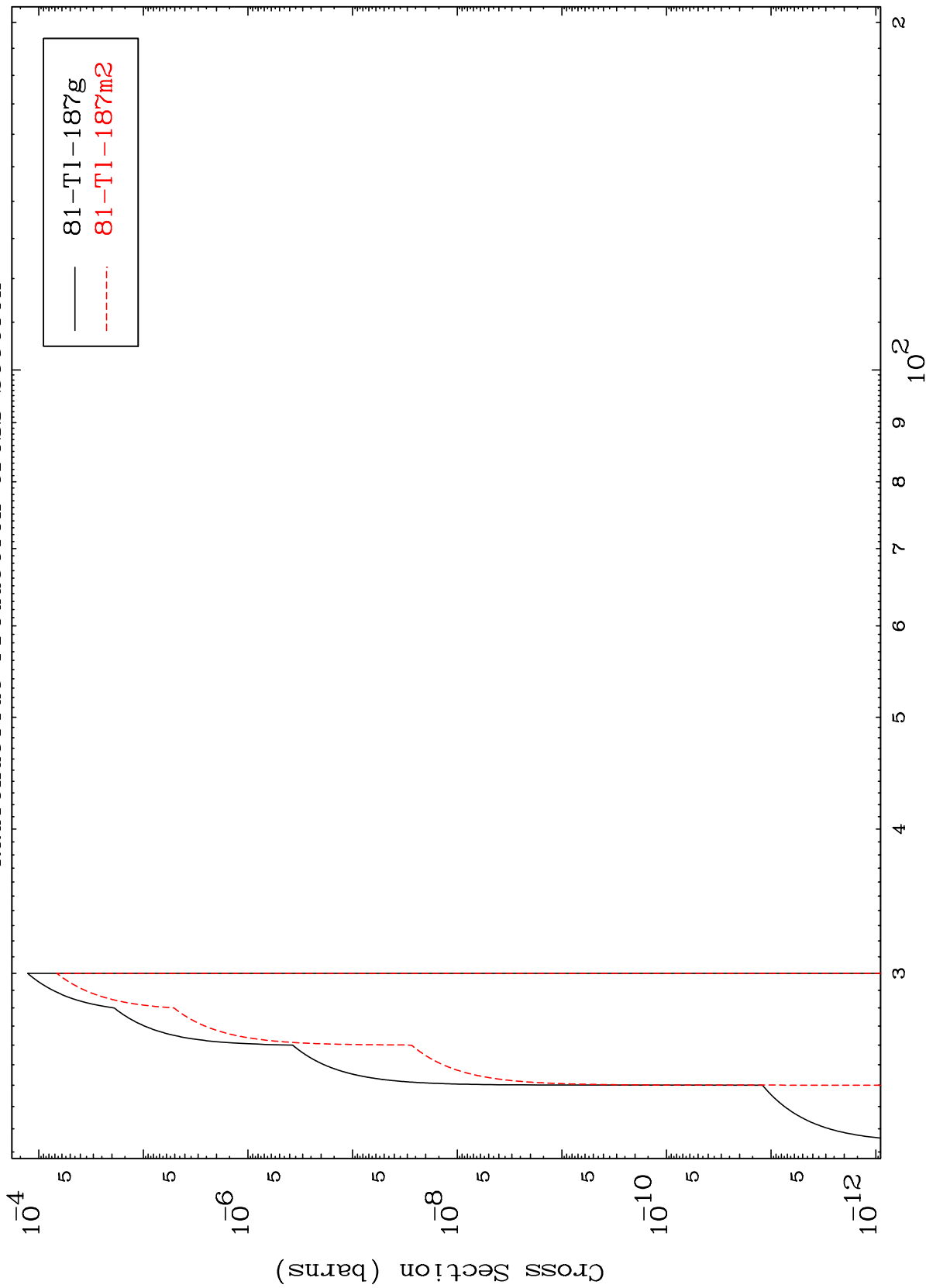
82-Pb-190

MAT 8183

($\gamma, 2n$) p

82-Pb-190

Radionuclide Production Cross Section



16

Incident Energy (MeV)

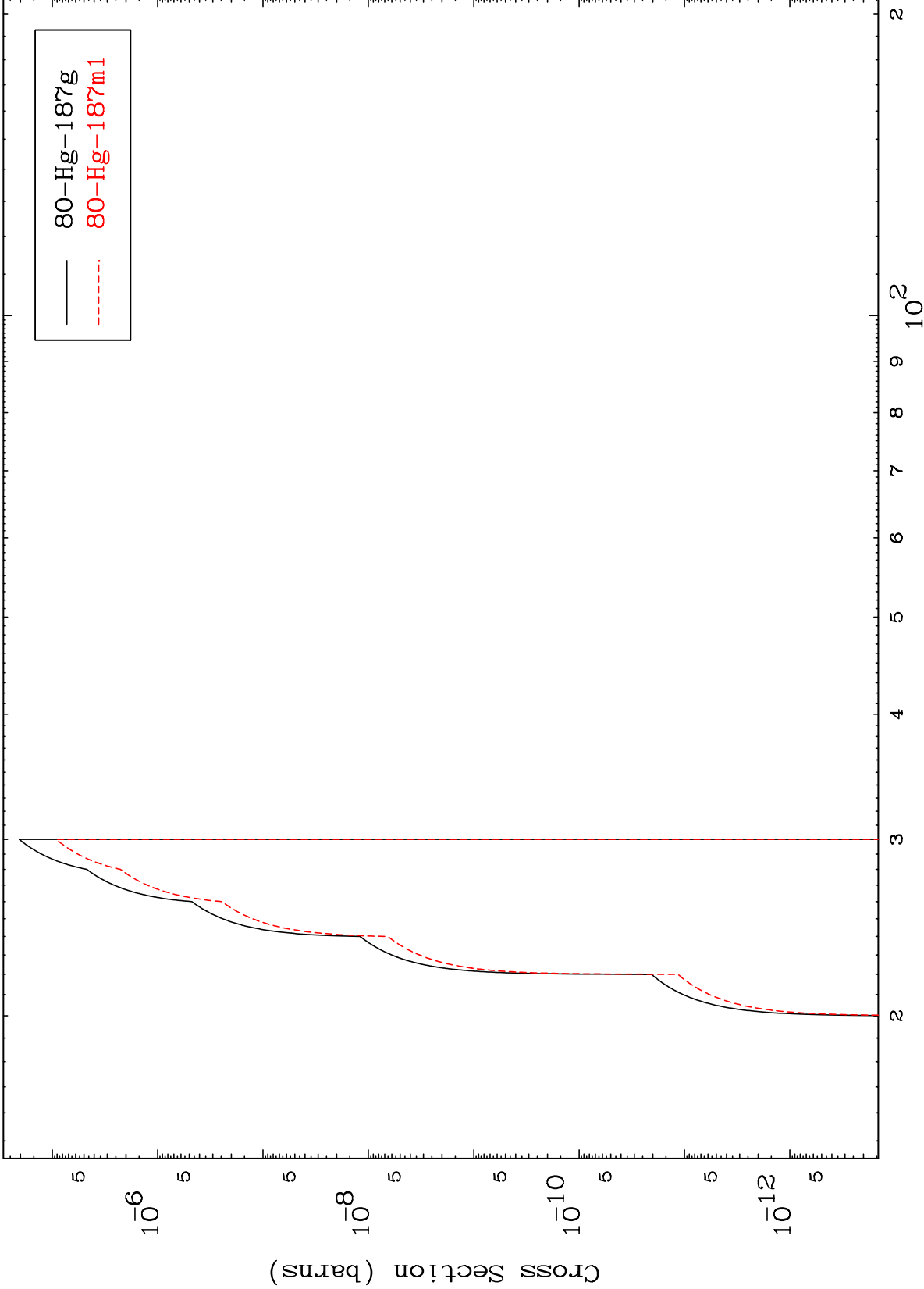
82-Pb-190

MAT 8183

($\gamma, 2n$) p

82-Pb-190

Radionuclide Production Cross Section

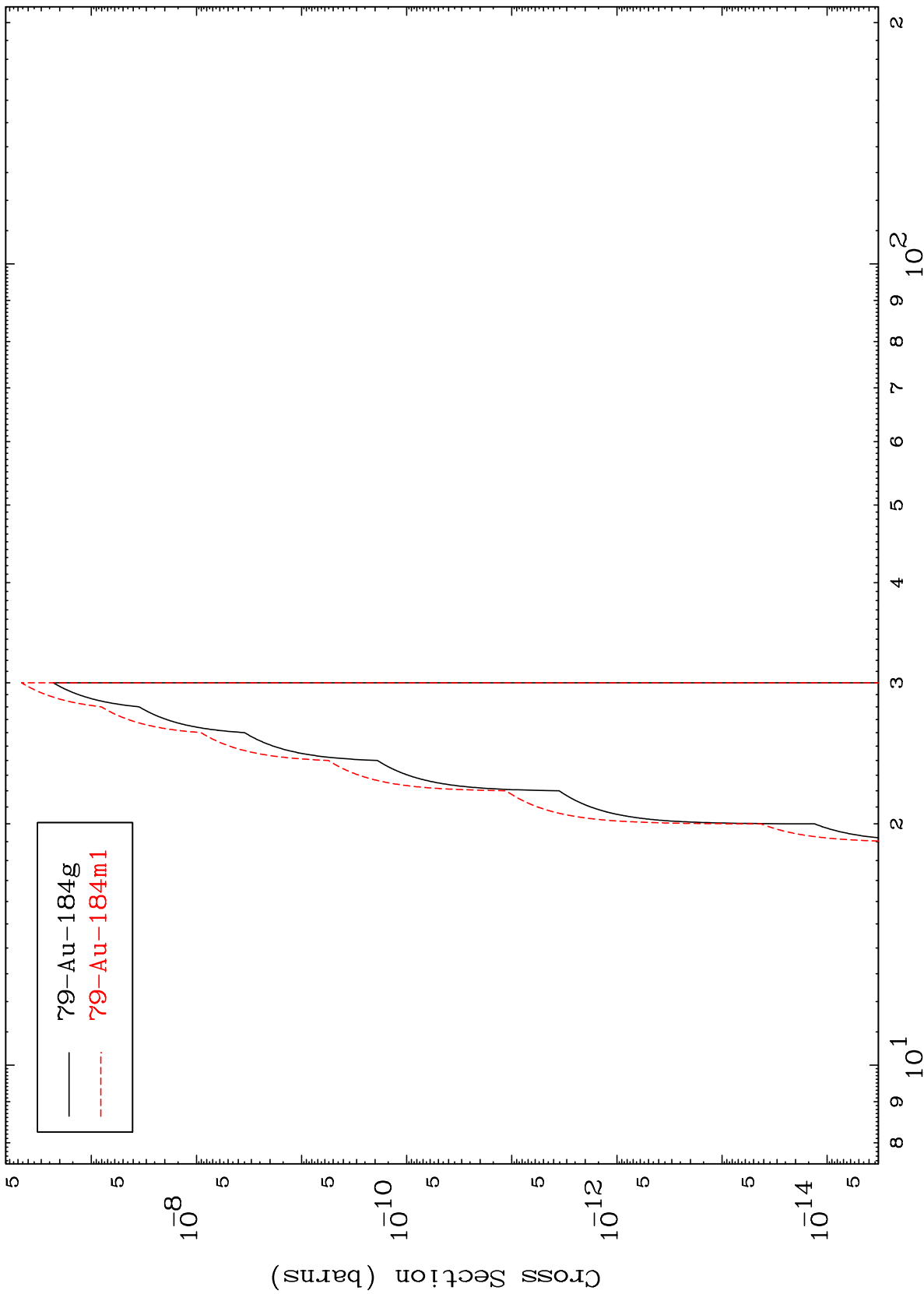


MAT 8183

(γ, n') p α

82-Pb-190

Radionuclide Production Cross Section



18

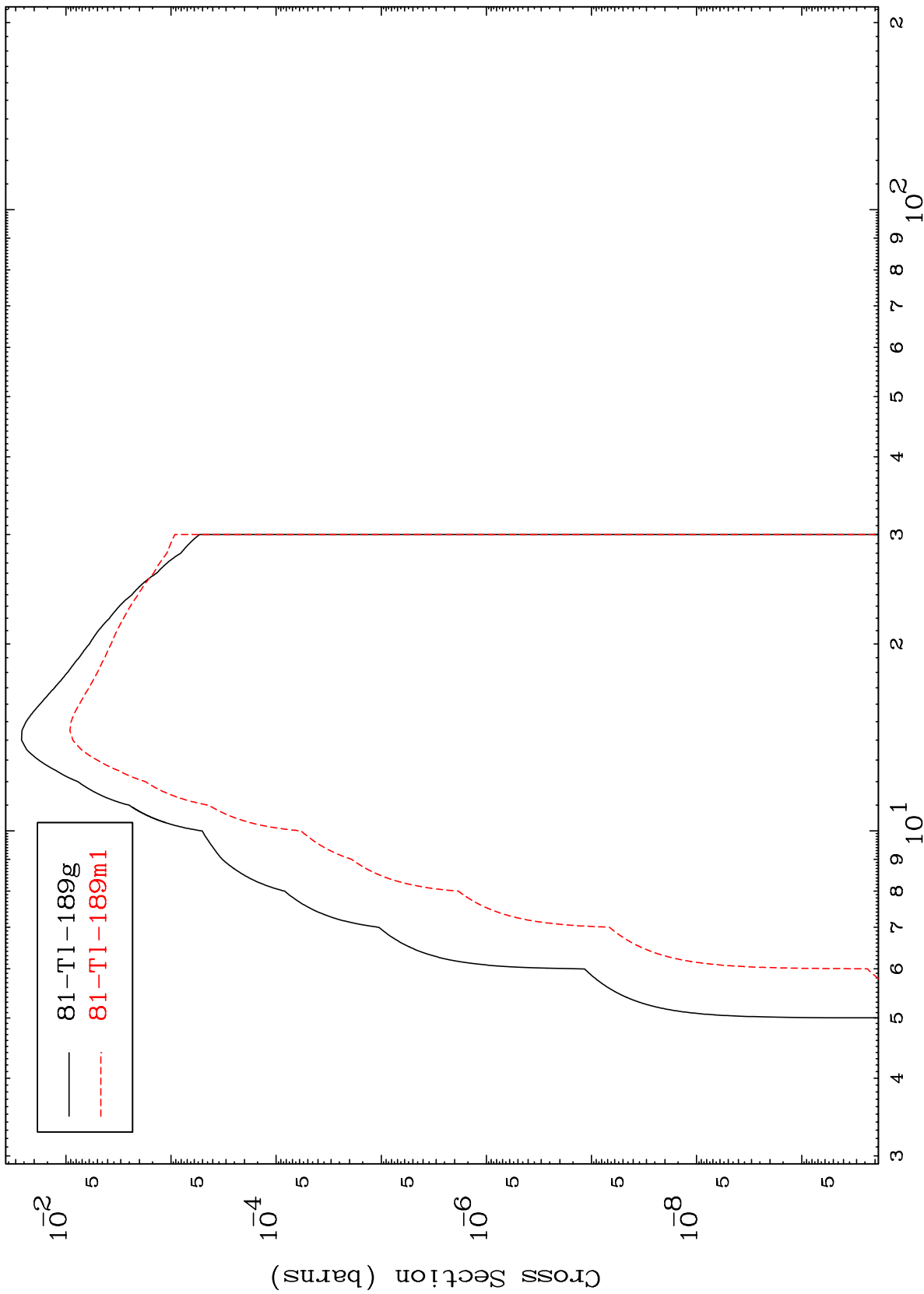
Incident Energy (MeV)

82-Pb-190

MAT 8183

82-Pb-190

Radionuclide Production Cross Section
(γ, p)



19

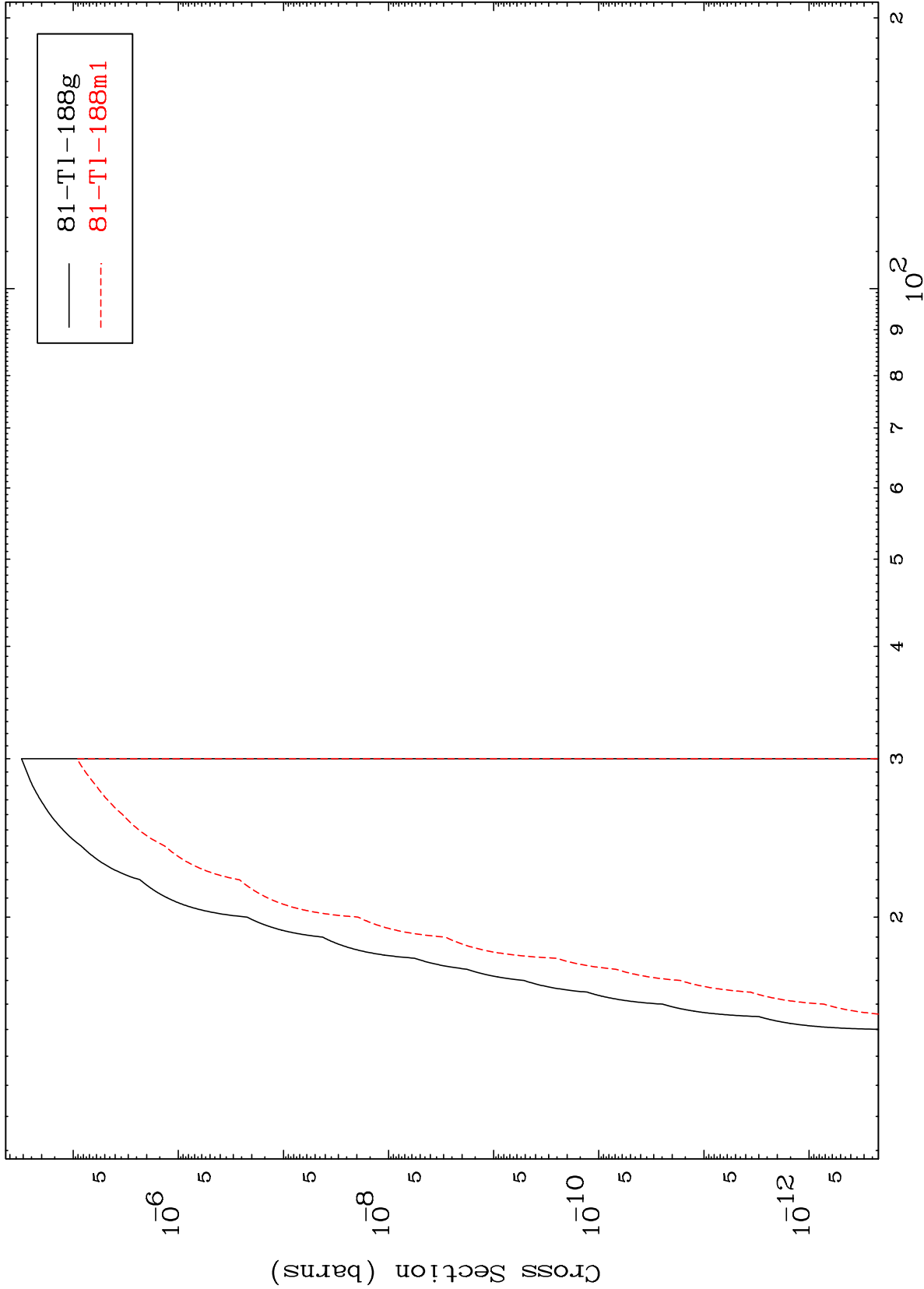
Incident Energy (MeV)

82-Pb-190

MAT 8183

82-Pb-190

(γ, d)
Radionuclide Production Cross Section



20

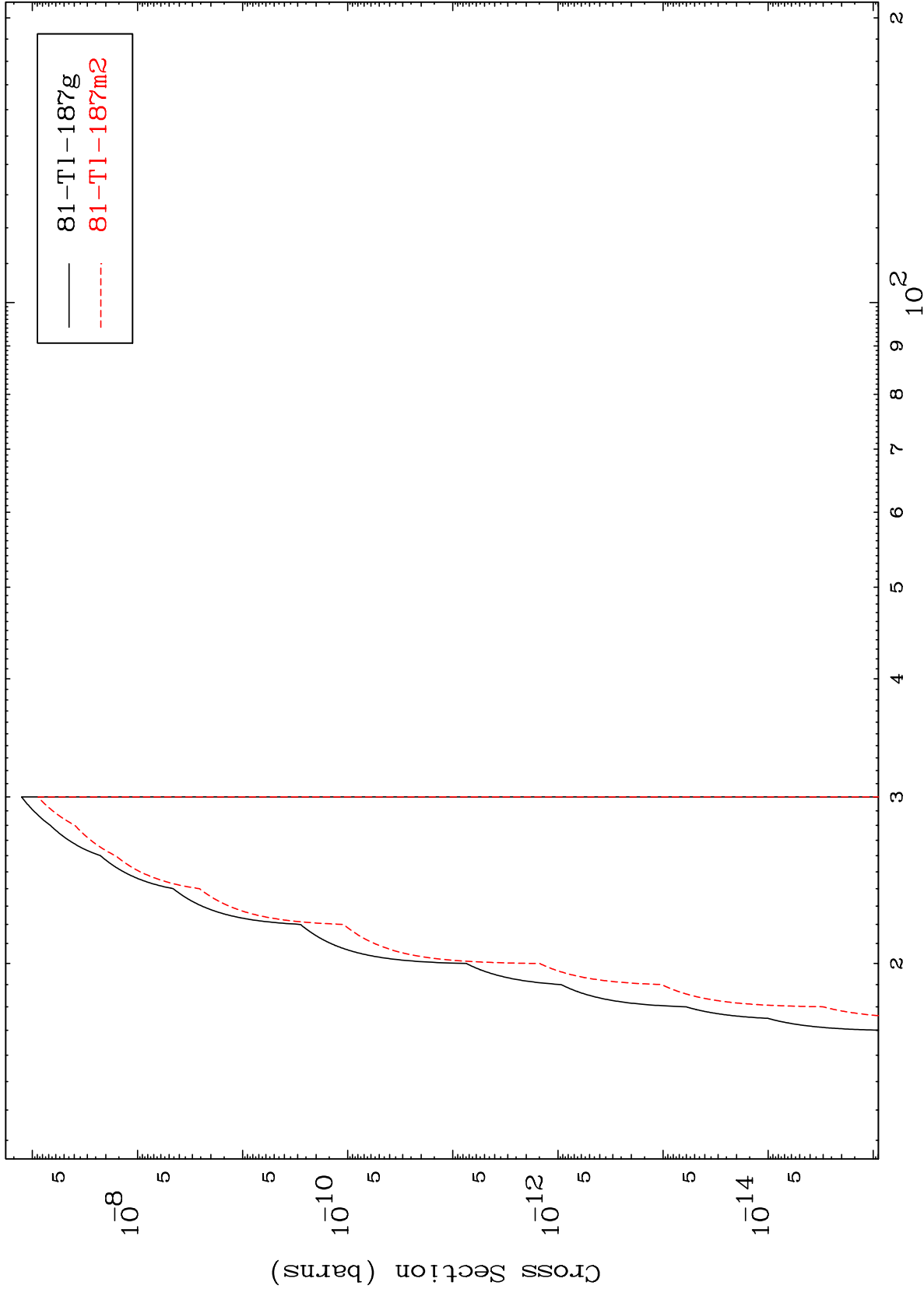
Incident Energy (MeV)

82-Pb-190

MAT 8183

82-Pb-190

(γ, t)
Radionuclide Production Cross Section



21

82-Pb-190

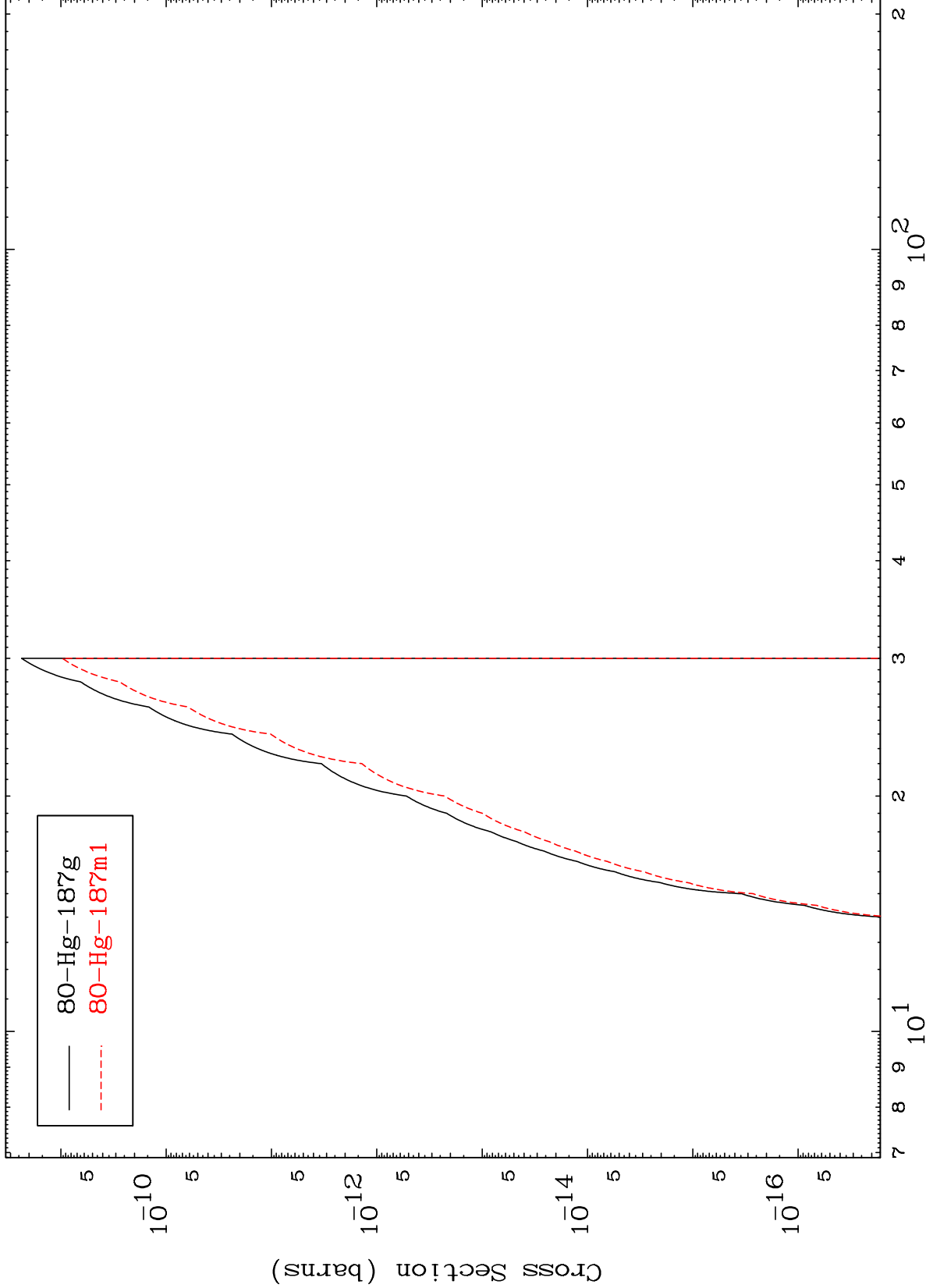
Incident Energy (MeV)

MAT 8183

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

82-Pb-190

Radionuclide Production Cross Section



22

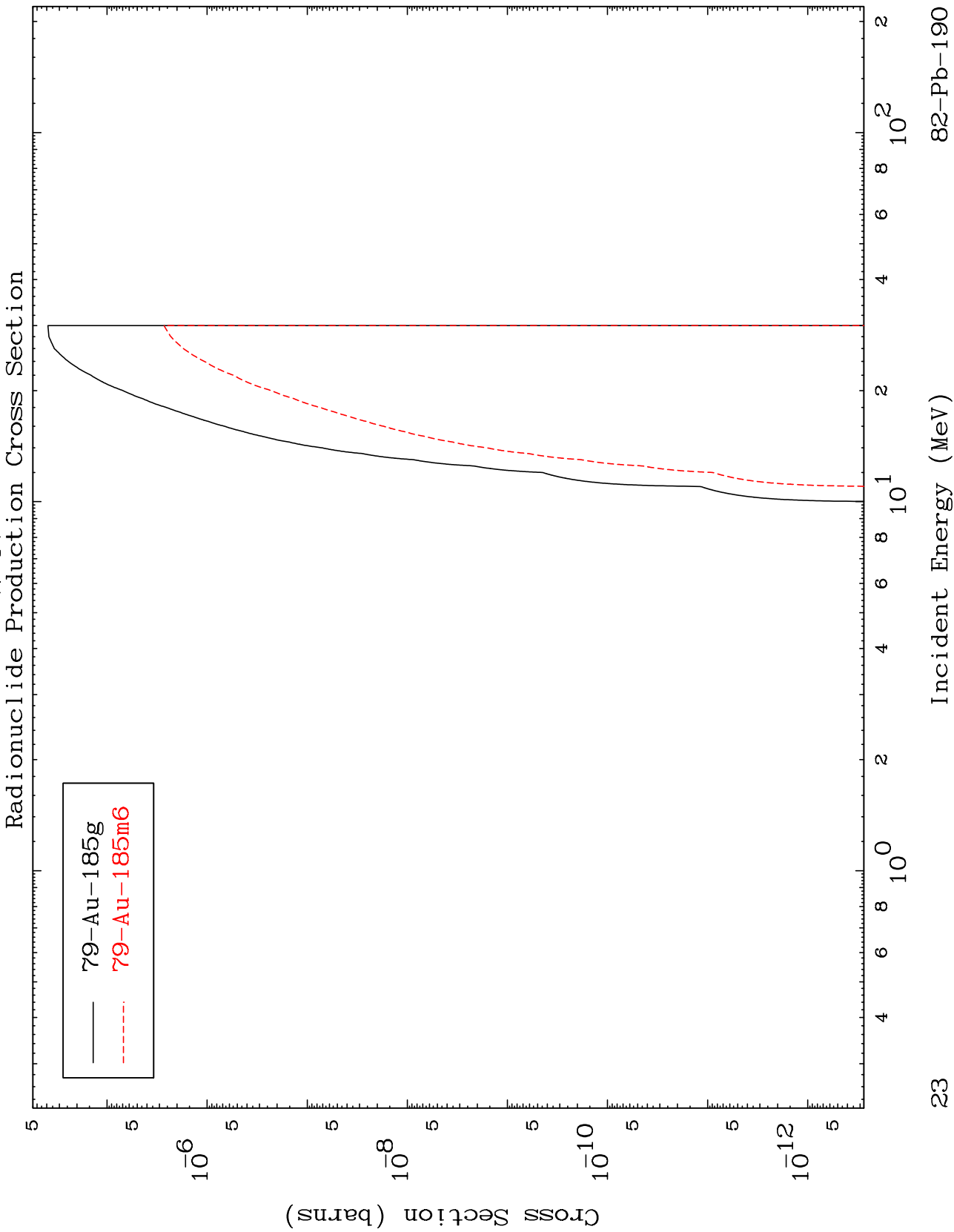
Incident Energy (MeV)

82-Pb-190

MAT 8183

(γ, p) α

82-Pb-190

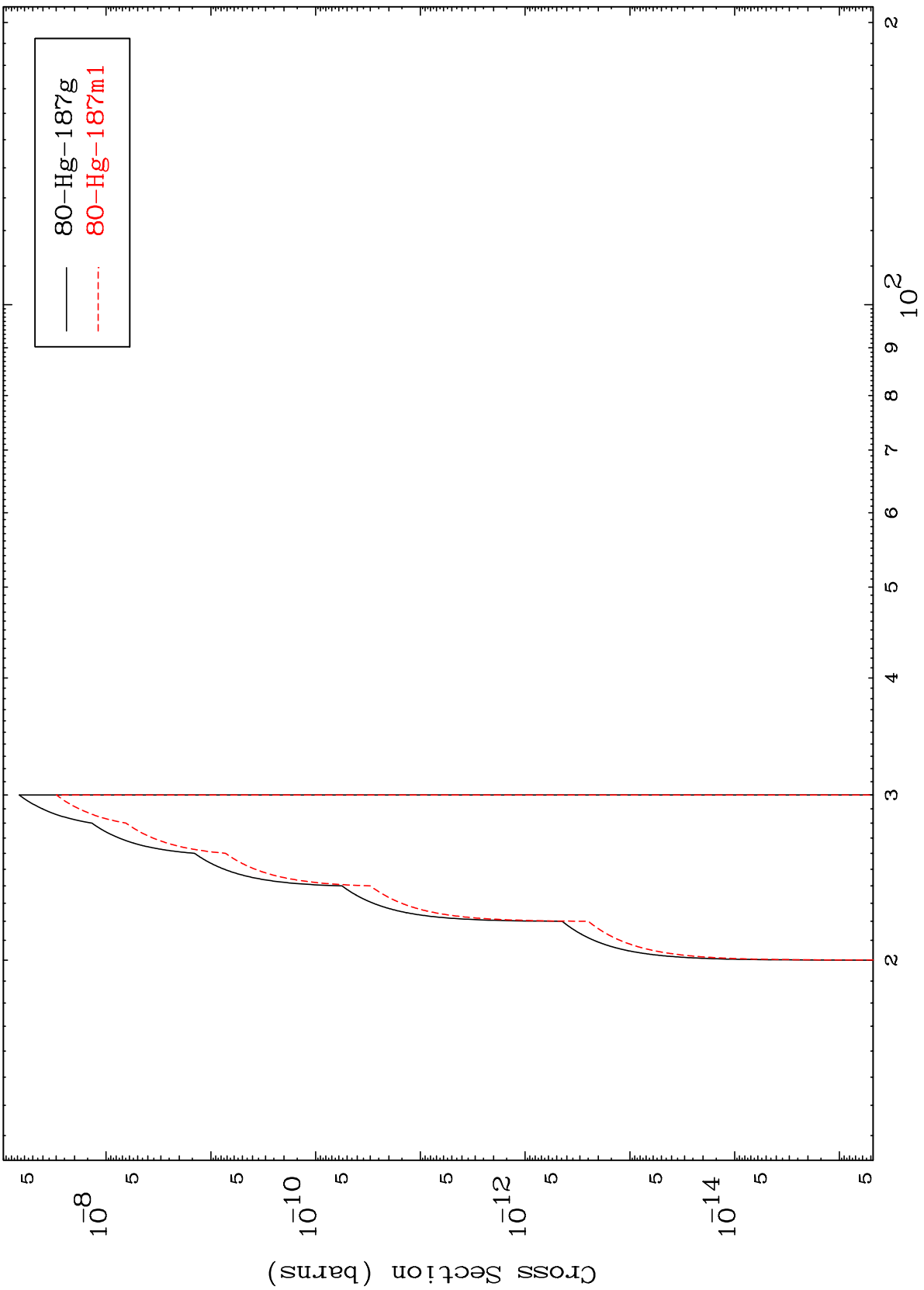


MAT 8183

(γ, p) d

82-Pb-190

Radionuclide Production Cross Section



24

Incident Energy (MeV)

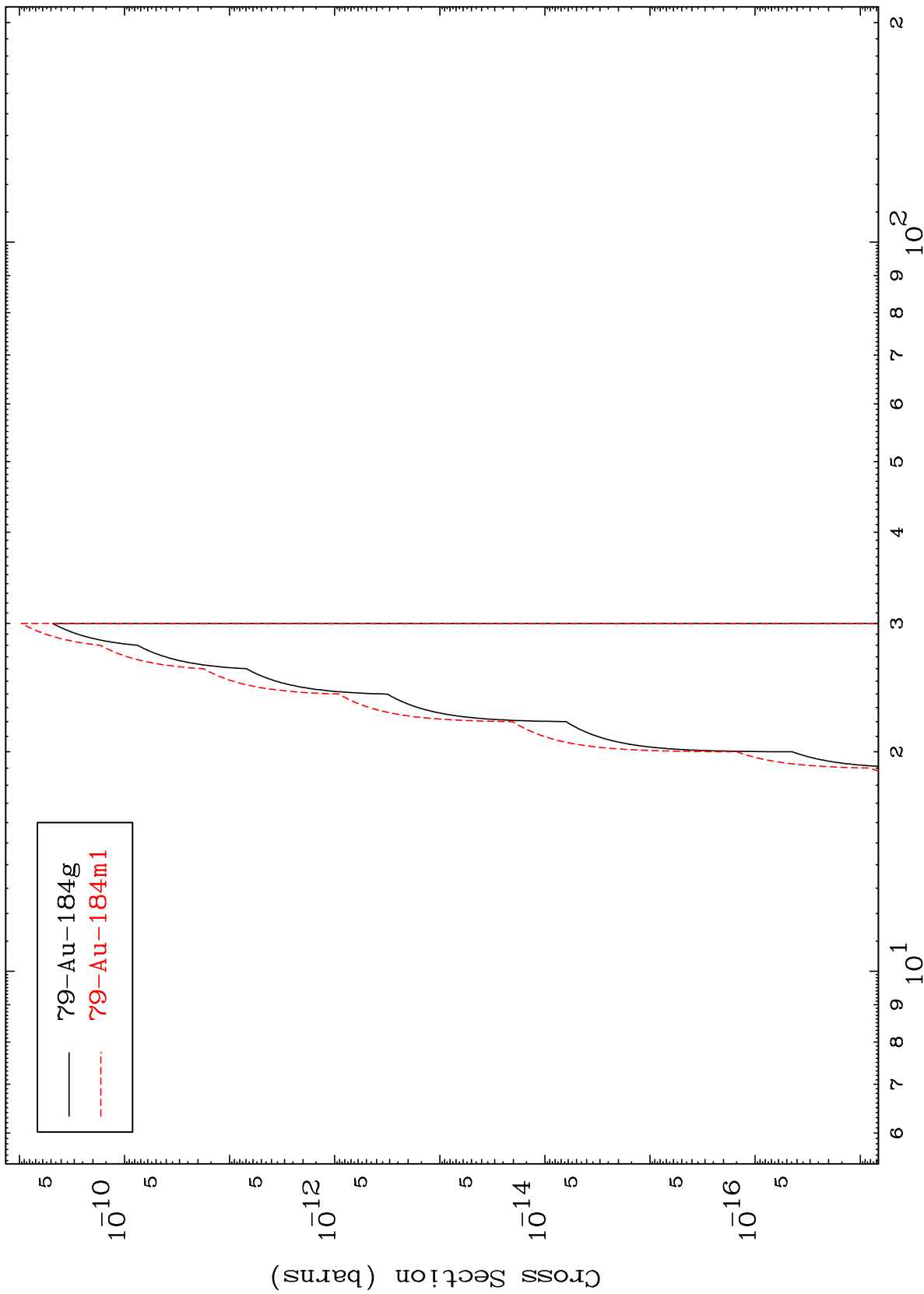
82-Pb-190

MAT 8183

$(\gamma, d) \alpha$

82-Pb-190

Radionuclide Production Cross Section



— $^{79}\text{Au-184g}$
- - - $^{79}\text{Au-184m1}$

25

Incident Energy (MeV)

82-Pb-190