

Program EVALPLOT
(Version 2017-1)

by

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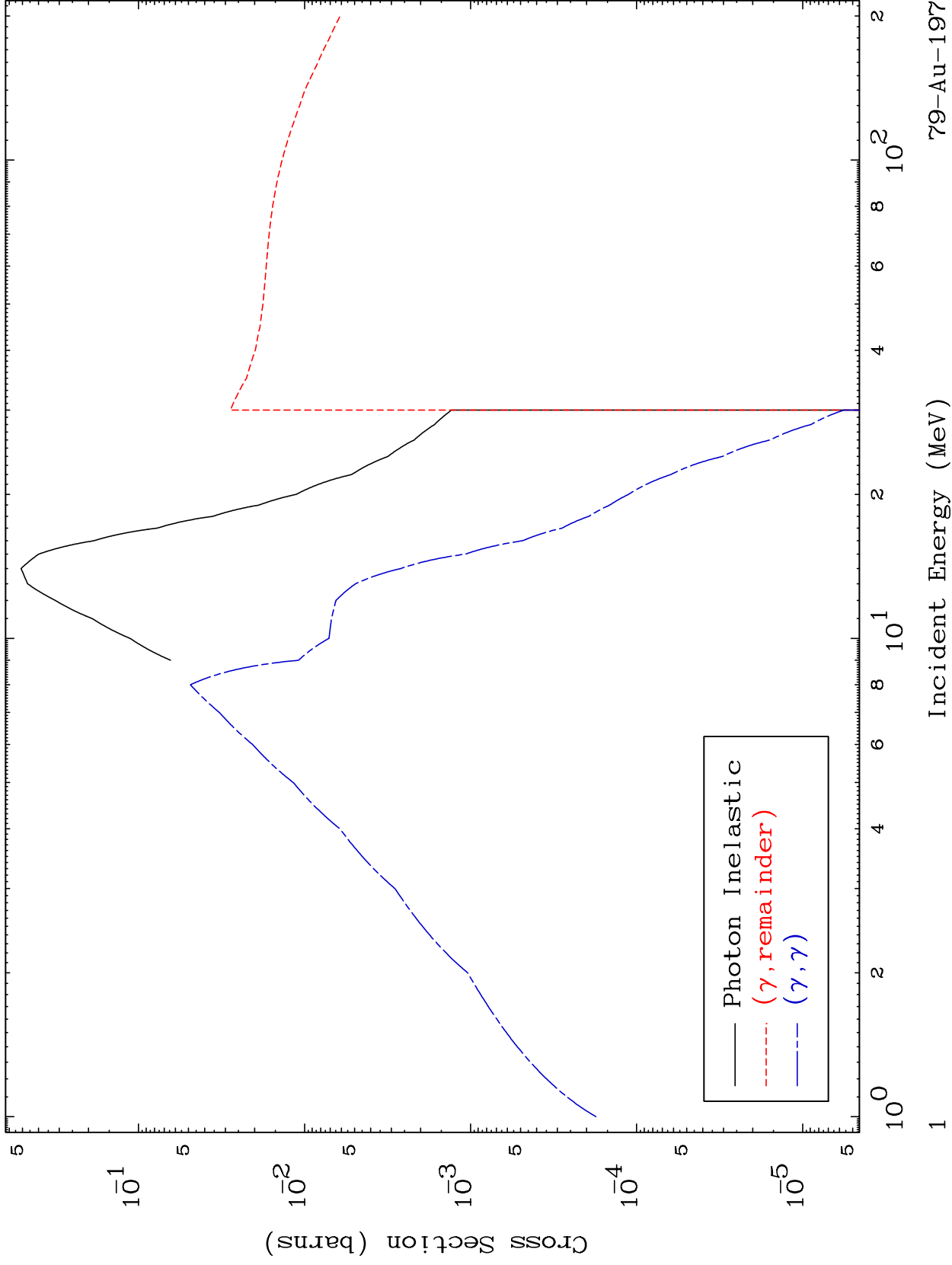
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Press Mouse Button to Start

MAT 7925

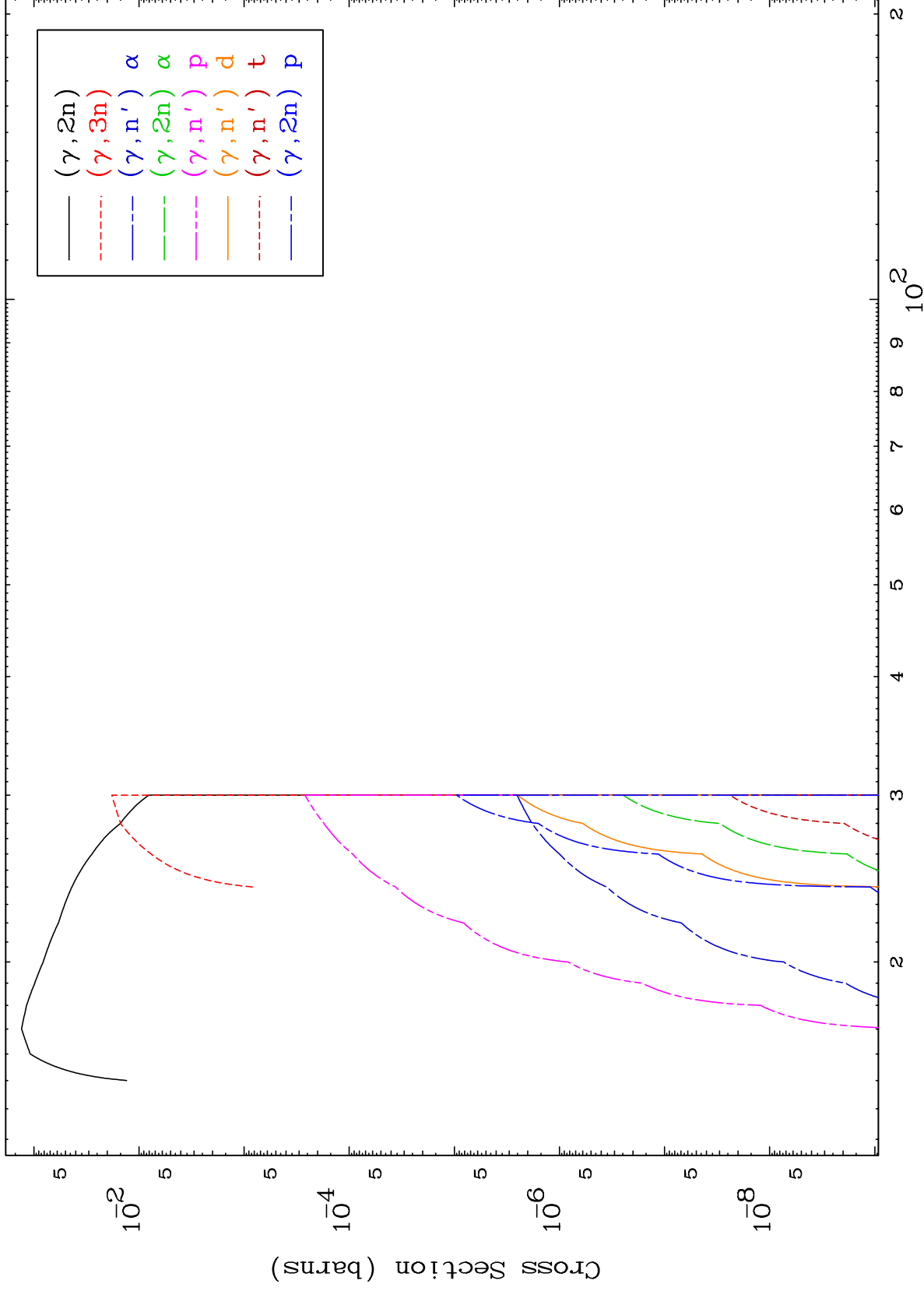
Photon Major
0 Kelvin Cross Sections

79-Au-197



79-Au-197

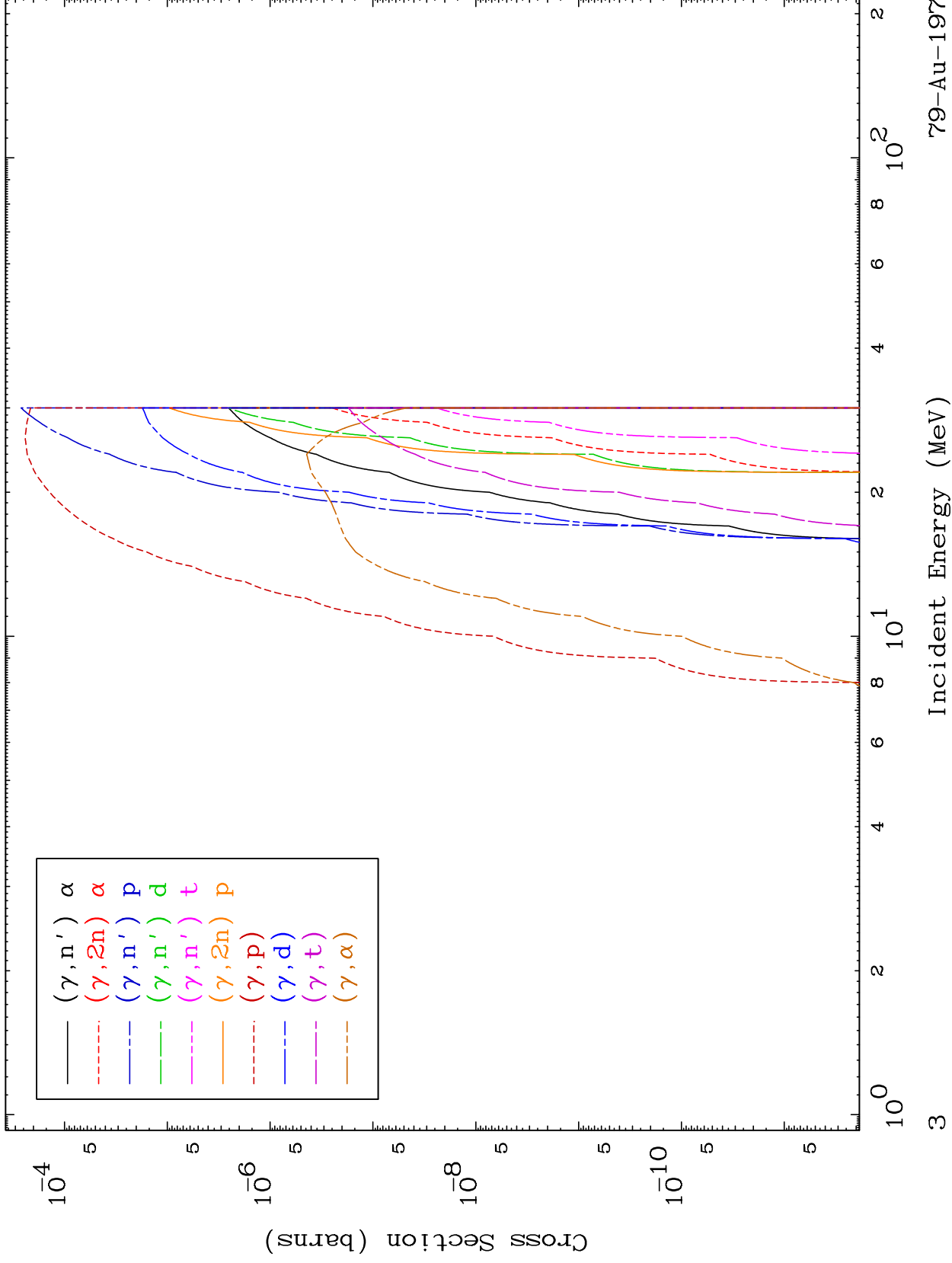
Incident Energy (MeV)



MAT 7925

Photon Charged Particle
0 Kelvin Cross Sections

79-Au-197



Incident Energy (MeV)

79-Au-197

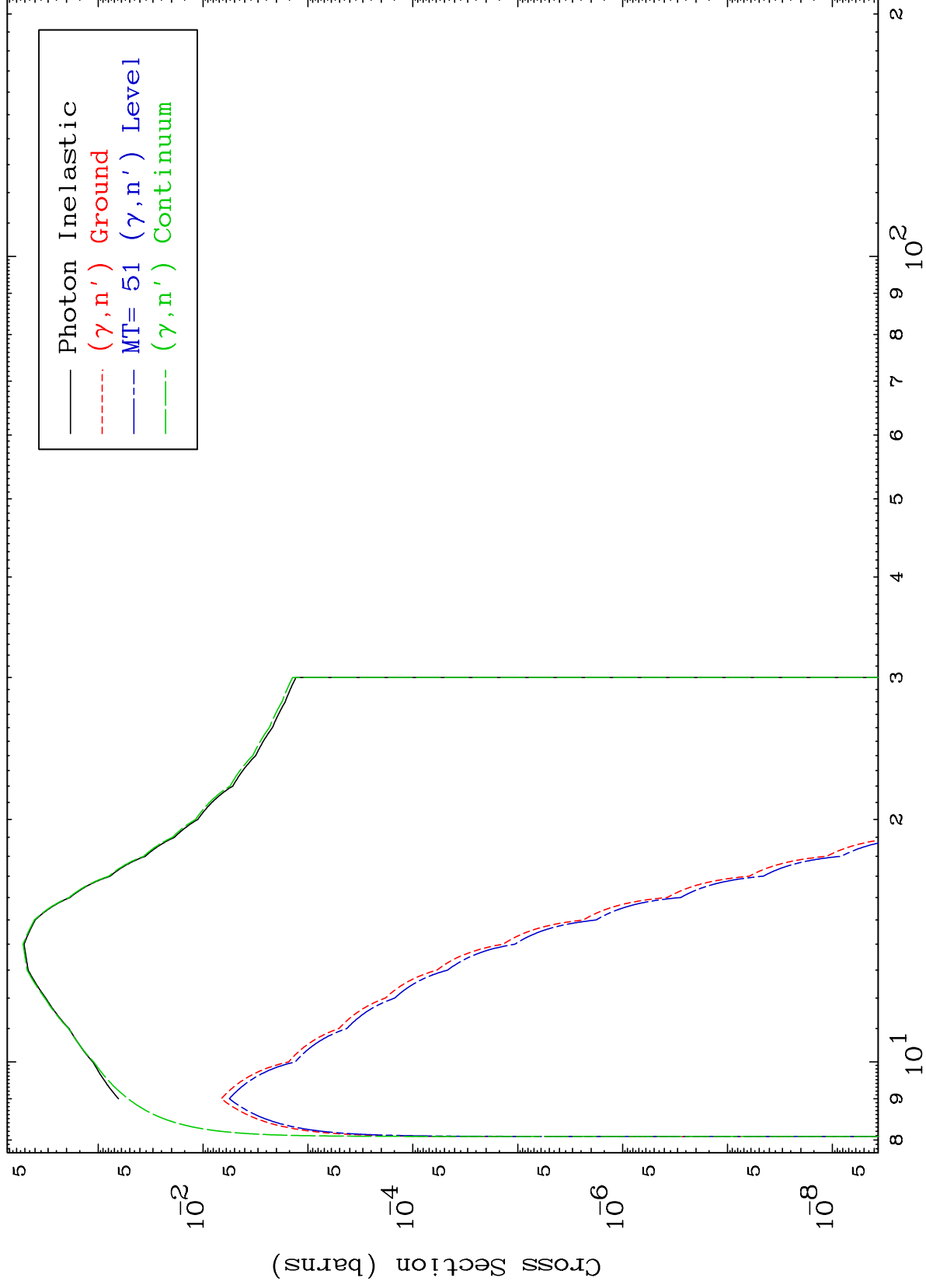
3

MAT 7925

(γ, n') Level

79-Au-197

0 Kelvin Cross Sections



Incident Energy (MeV)

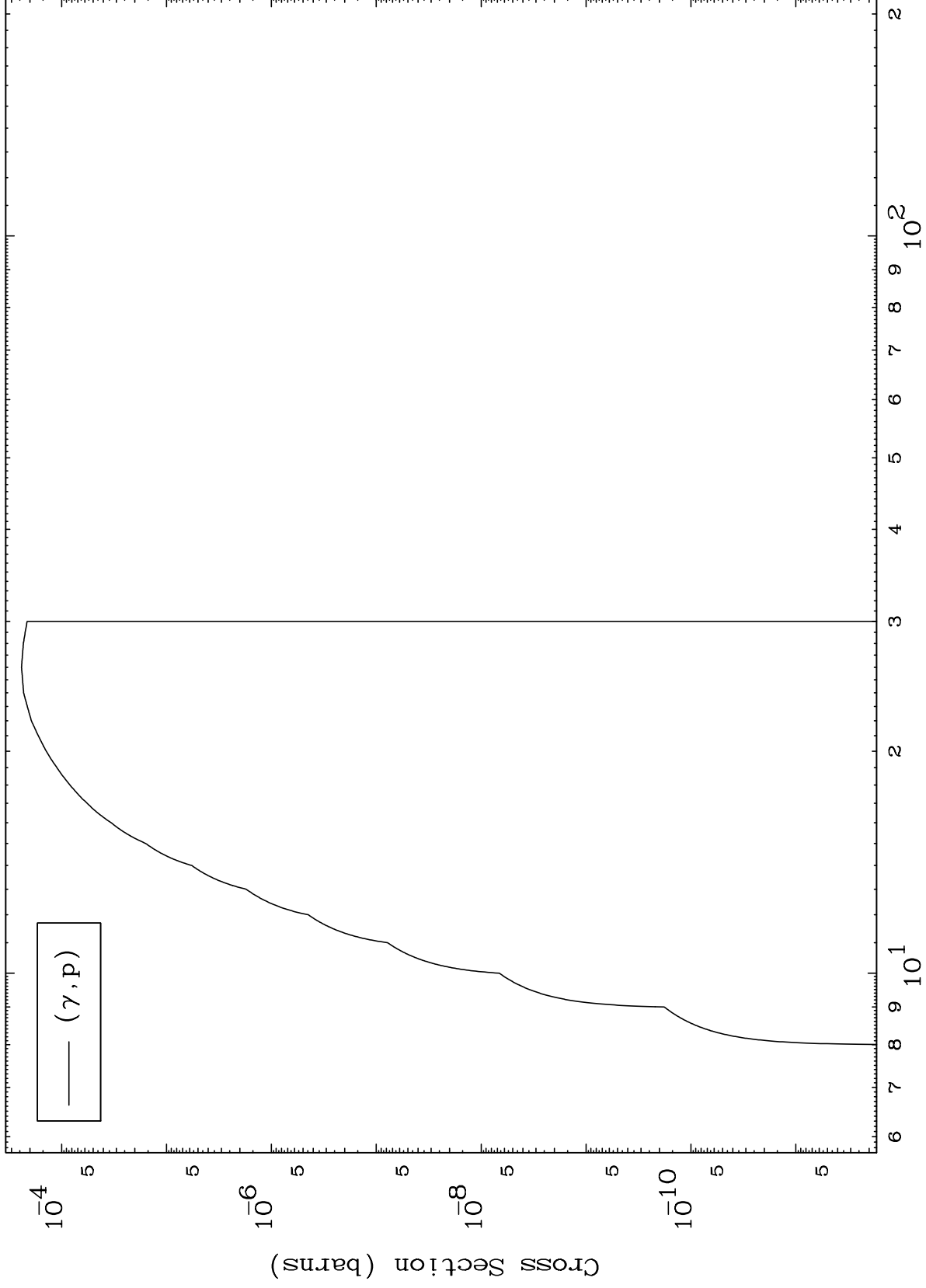
79-Au-197

4

MAT 7925

(γ, p) Levels
0 Kelvin Cross Sections

79-Au-197



(γ, p)

Incident Energy (MeV)

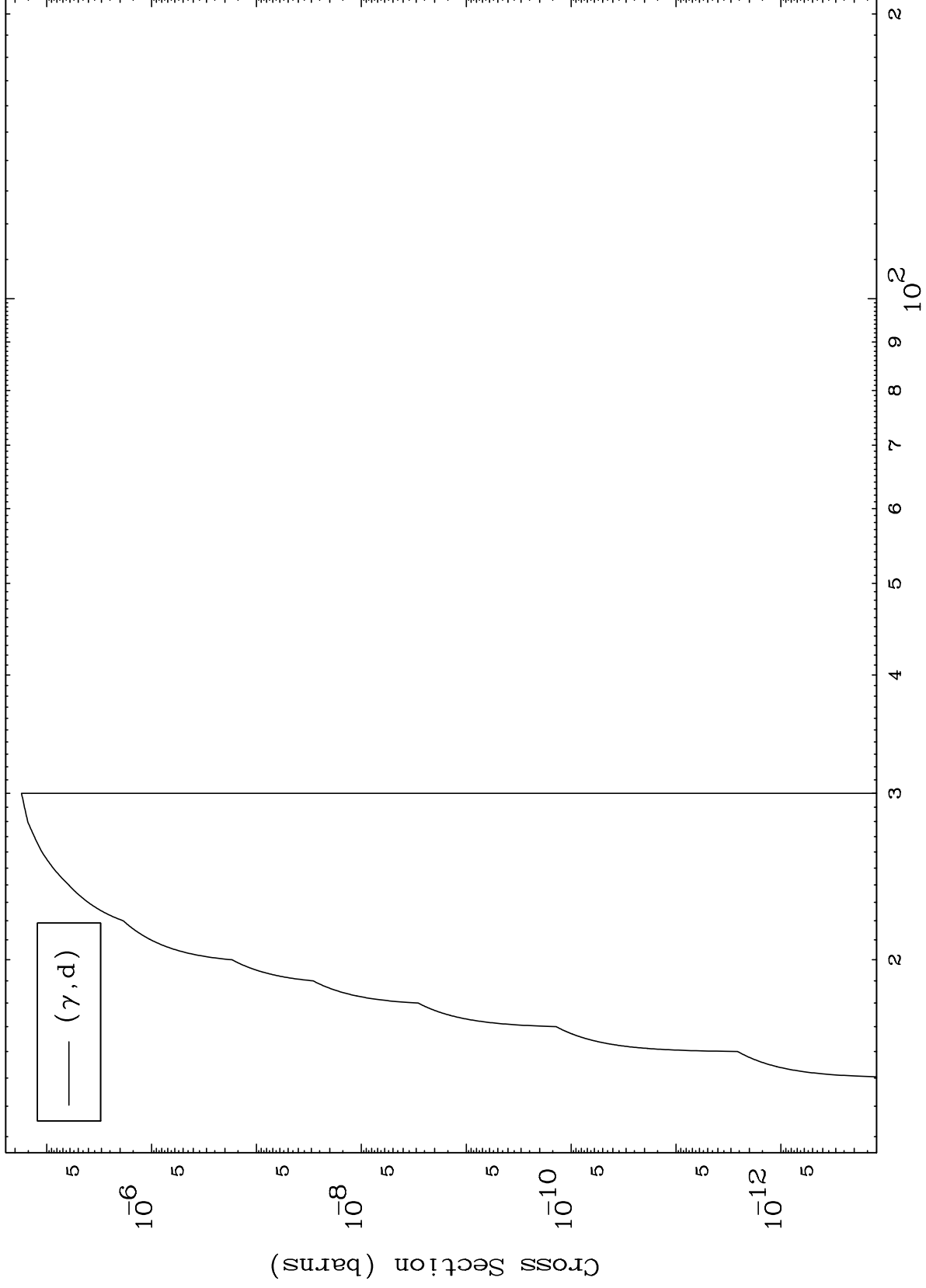
79-Au-197

5

MAT 7925

(γ, d) Levels
0 Kelvin Cross Sections

79-Au-197



6

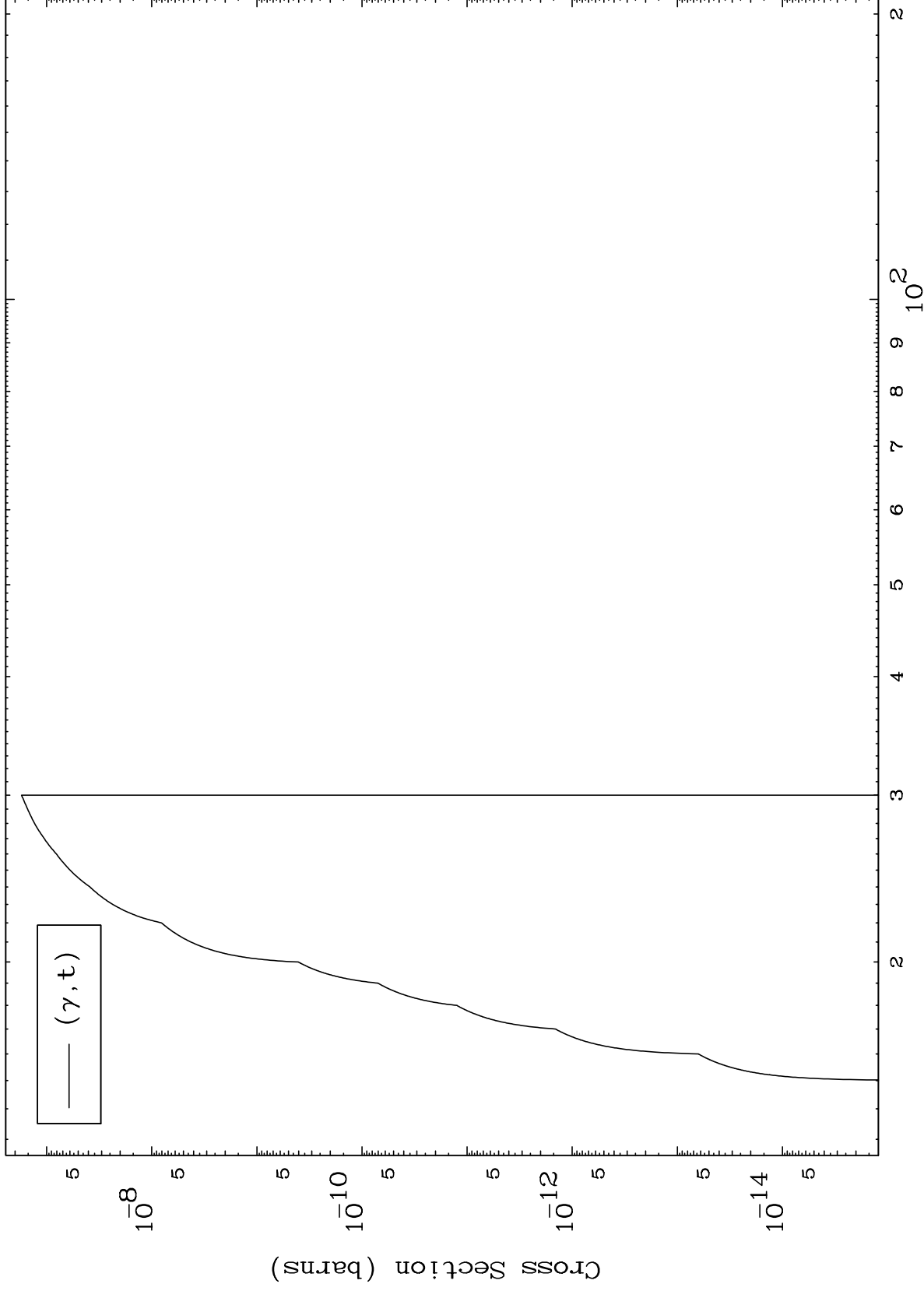
Incident Energy (MeV)

79-Au-197

MAT 7925

(γ, t) Levels
0 Kelvin Cross Sections

79-Au-197



7

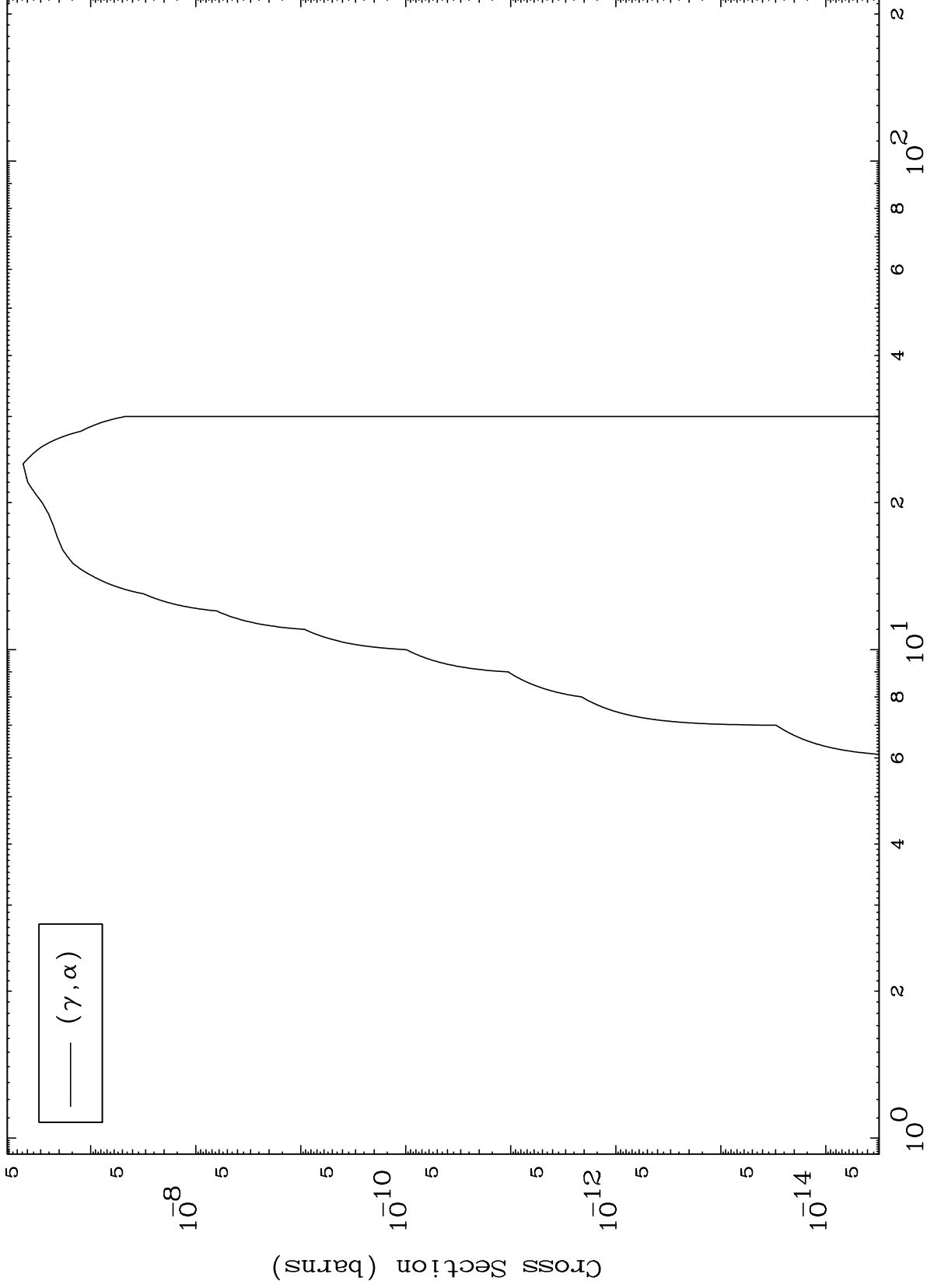
Incident Energy (MeV)

79-Au-197

MAT 7925

(γ, α) Levels
0 Kelvin Cross Sections

79-Au-197



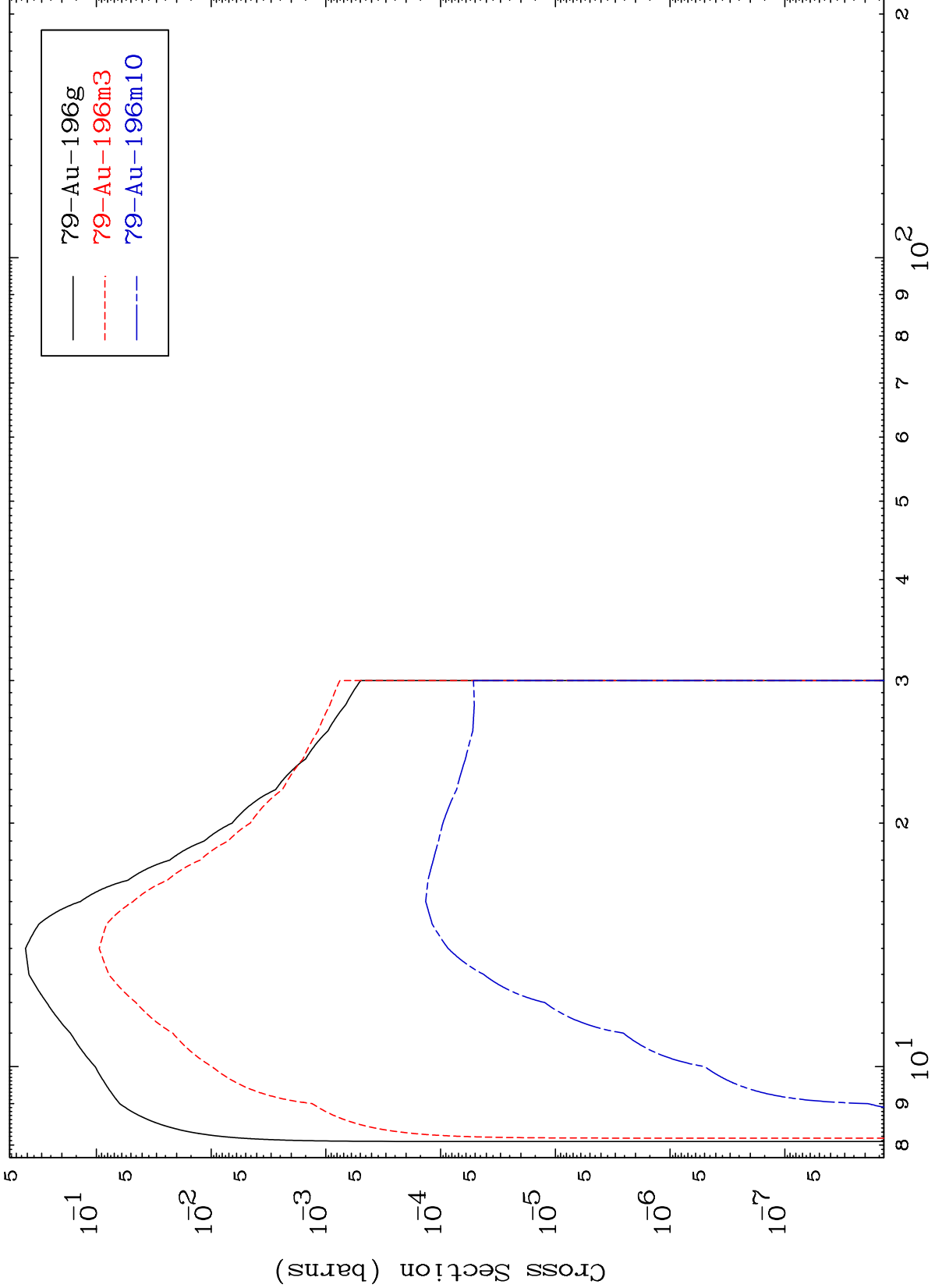
Incident Energy (MeV)

79-Au-197

MAT 7925

Photon Inelastic
Radionuclide Production Cross Section

79-Au-197

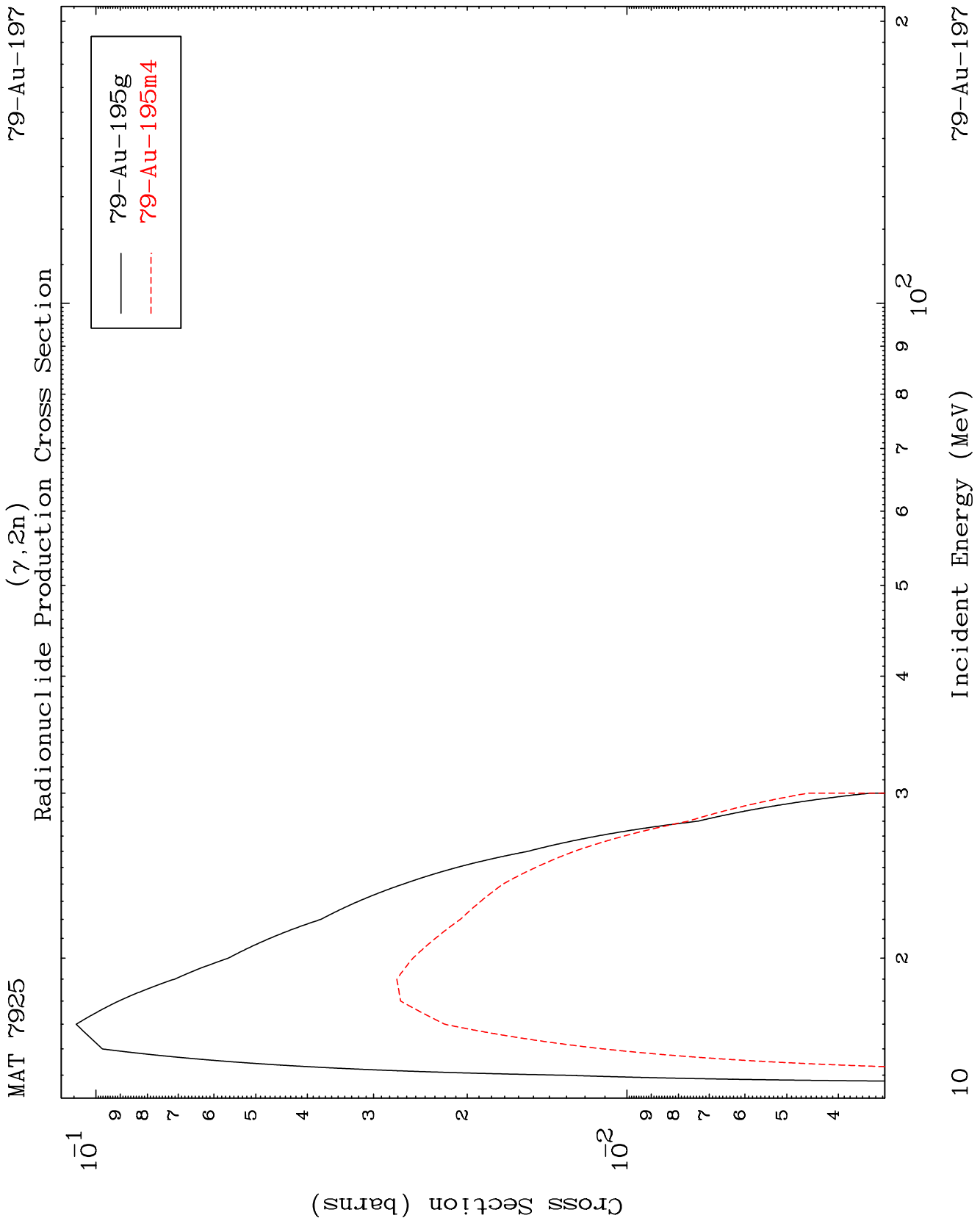


79-Au-196g
79-Au-196m3
79-Au-196m10

Incident Energy (MeV)

79-Au-197

9



10

Incident Energy (MeV)

10²

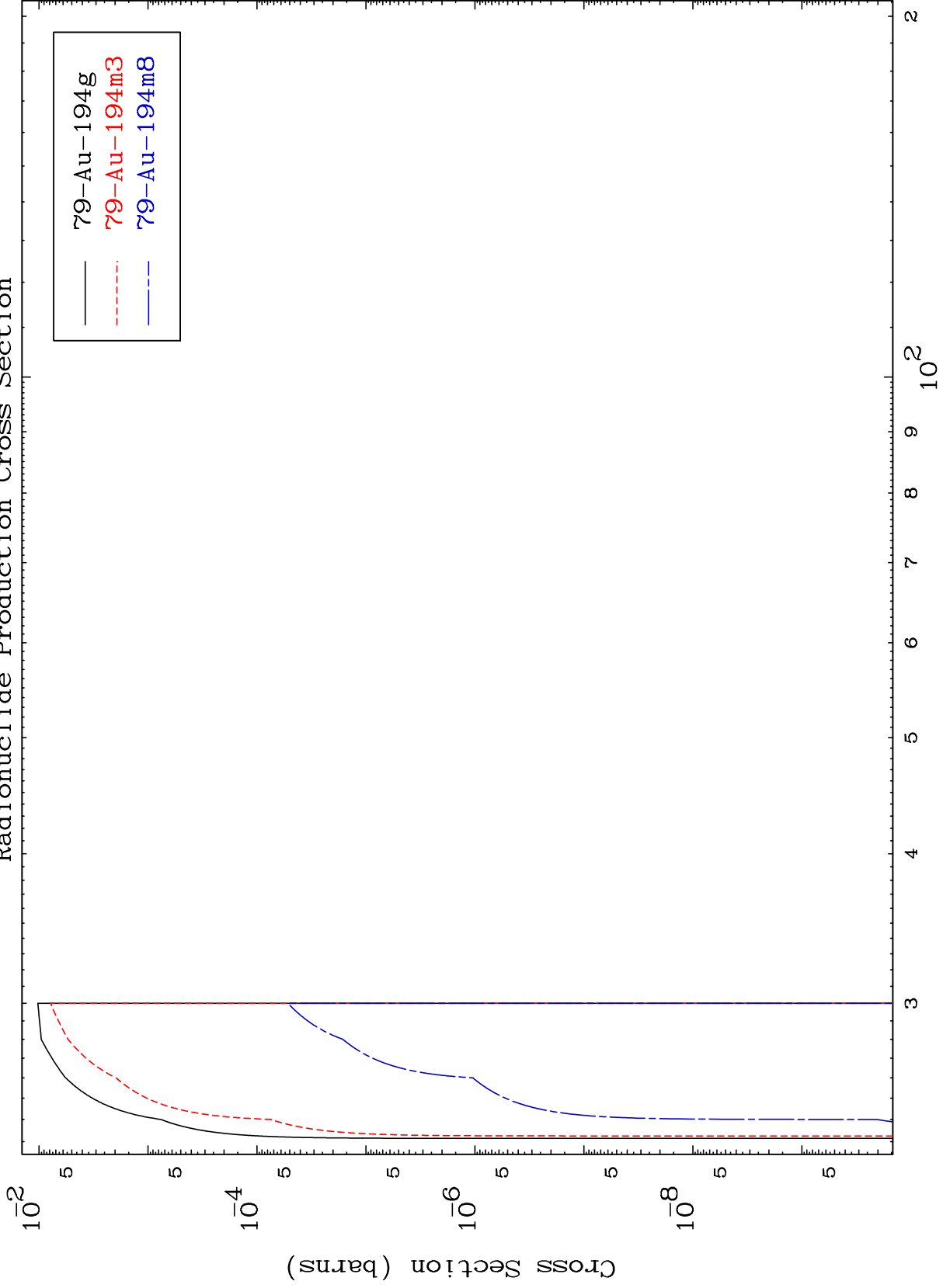
79-Au-197

MAT 7925

($\gamma, 3n$)

79-Au-197

Radionuclide Production Cross Section



11

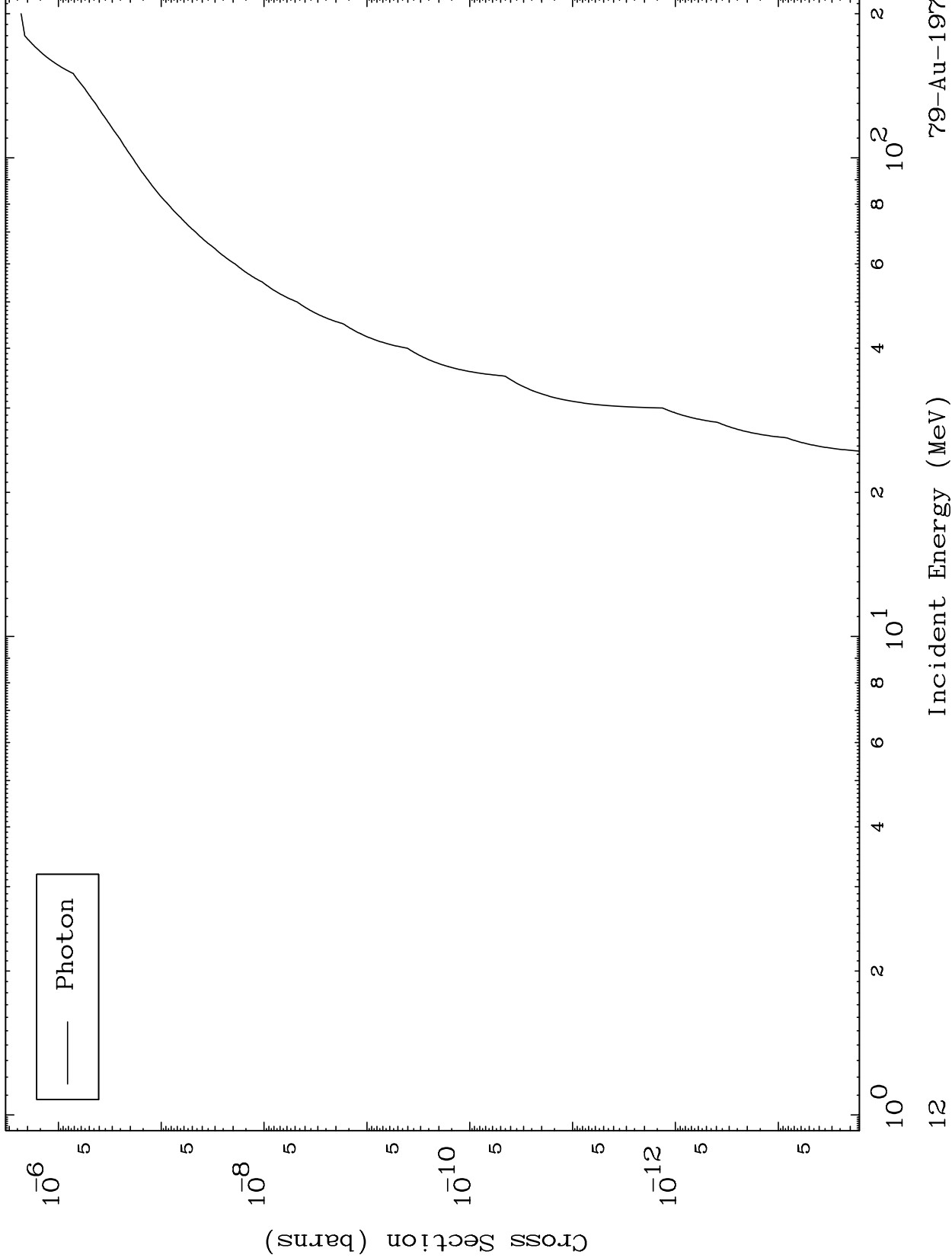
Incident Energy (MeV)

79-Au-197

MAT 7925

Photon Fission
Radionuclide Production Cross Section

79-Au-197



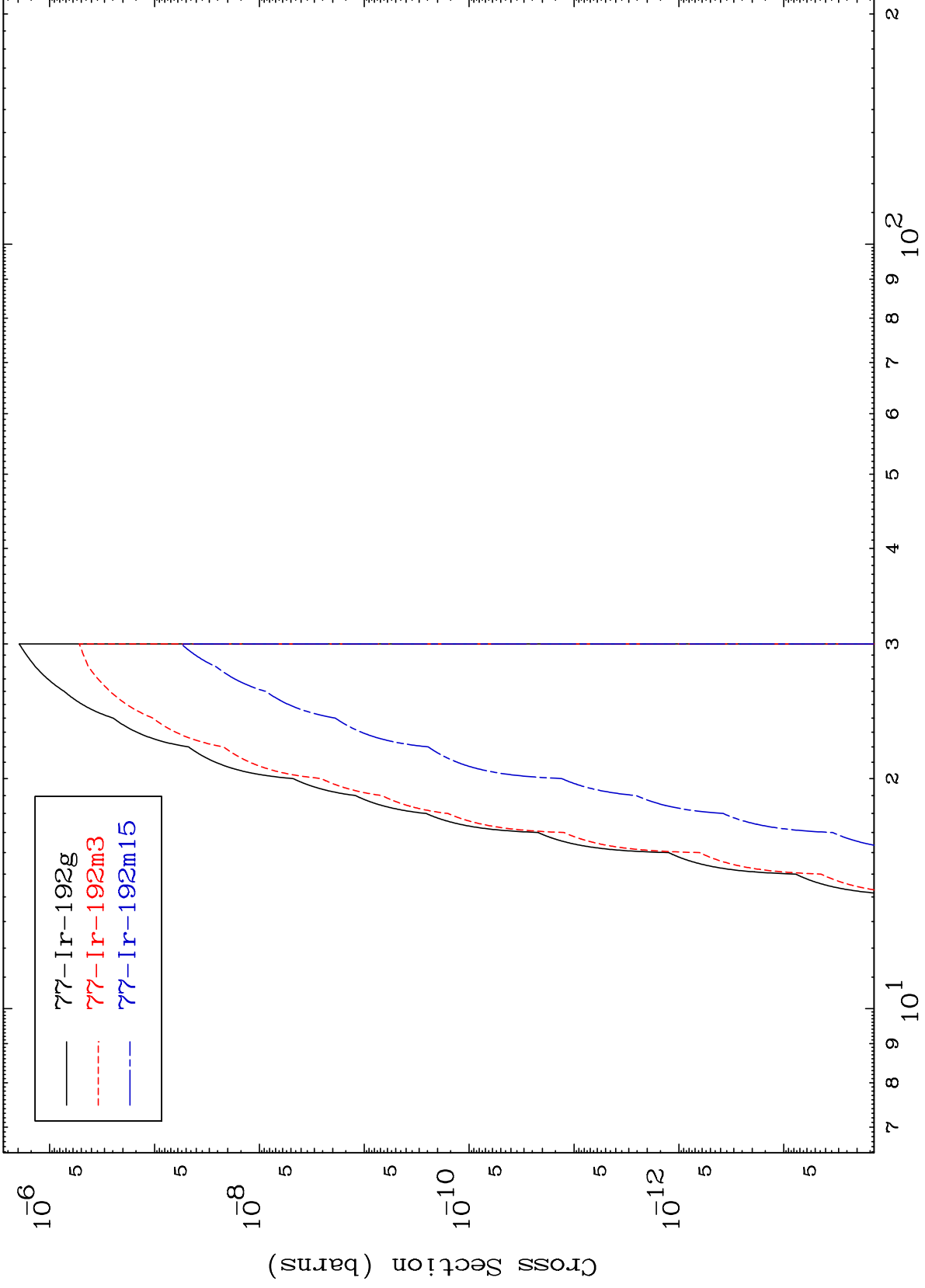
79-Au-197

MAT 7925

(γ, n') α

79-Au-197

Radionuclide Production Cross Section



13

Incident Energy (MeV)

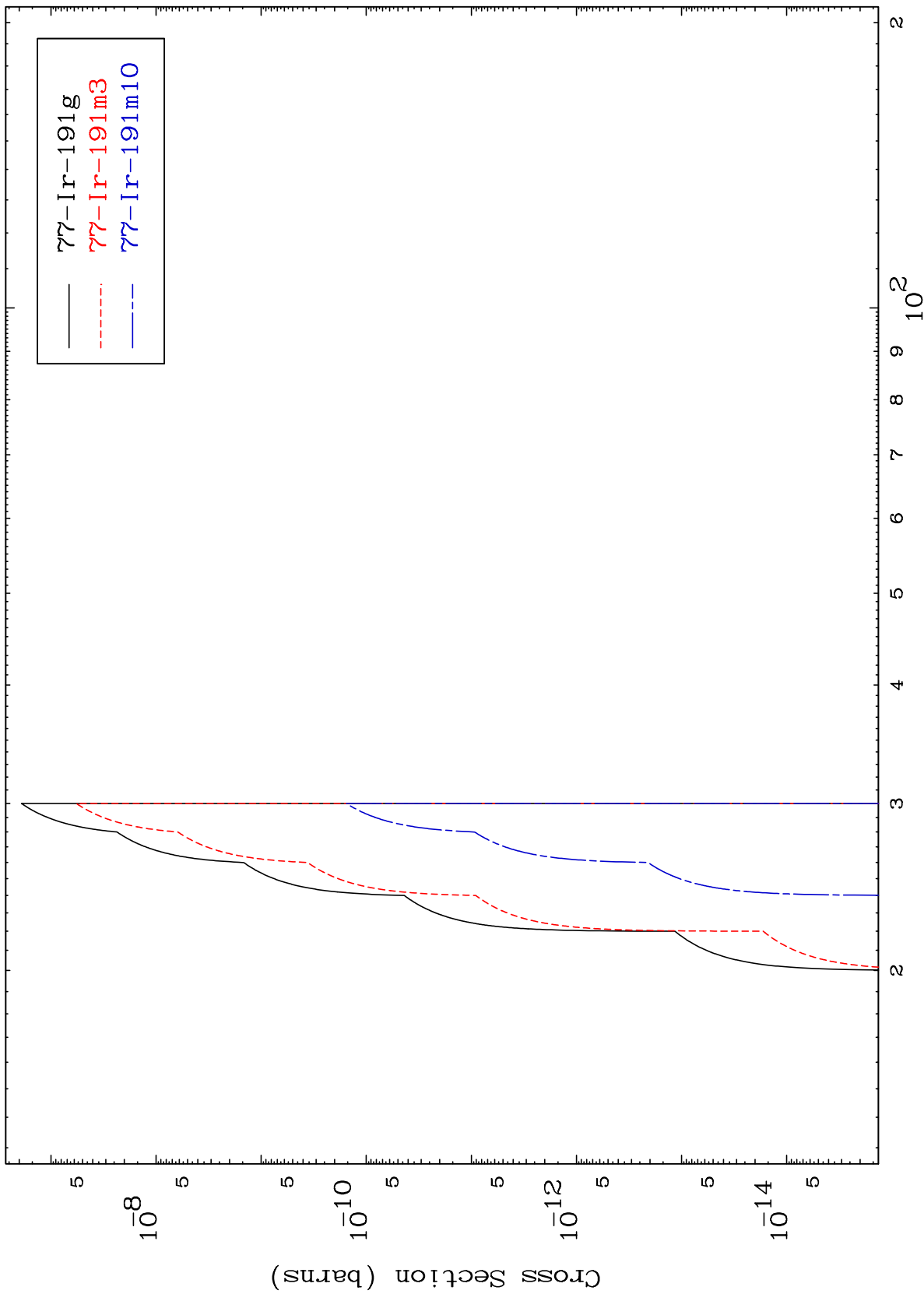
79-Au-197

MAT 7925

$(\gamma, 2n) \alpha$

79-Au-197

Radionuclide Production Cross Section



14

Incident Energy (MeV)

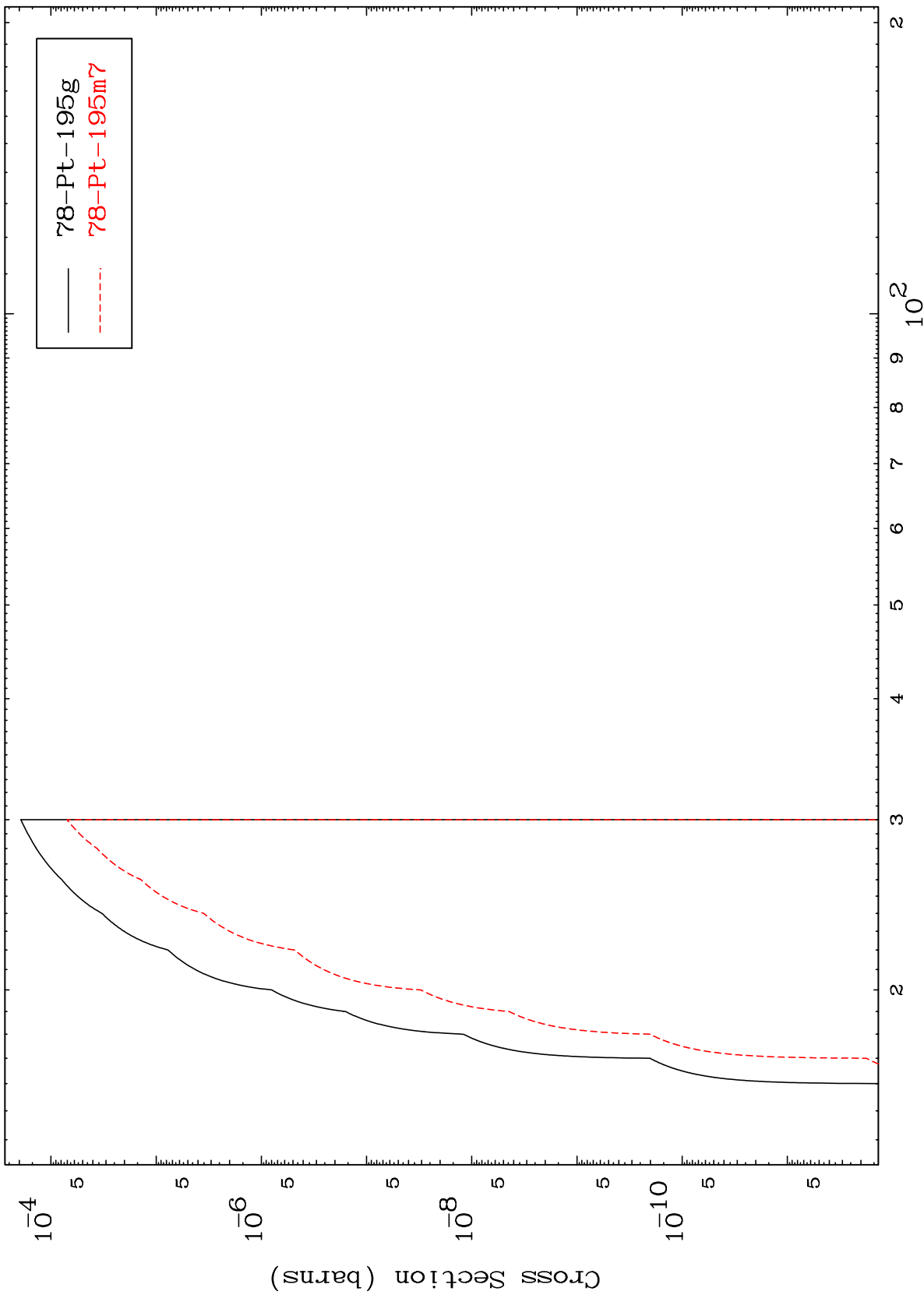
79-Au-197

MAT 7925

(γ, n') p

79-Au-197

Radionuclide Production Cross Section



15

Incident Energy (MeV)

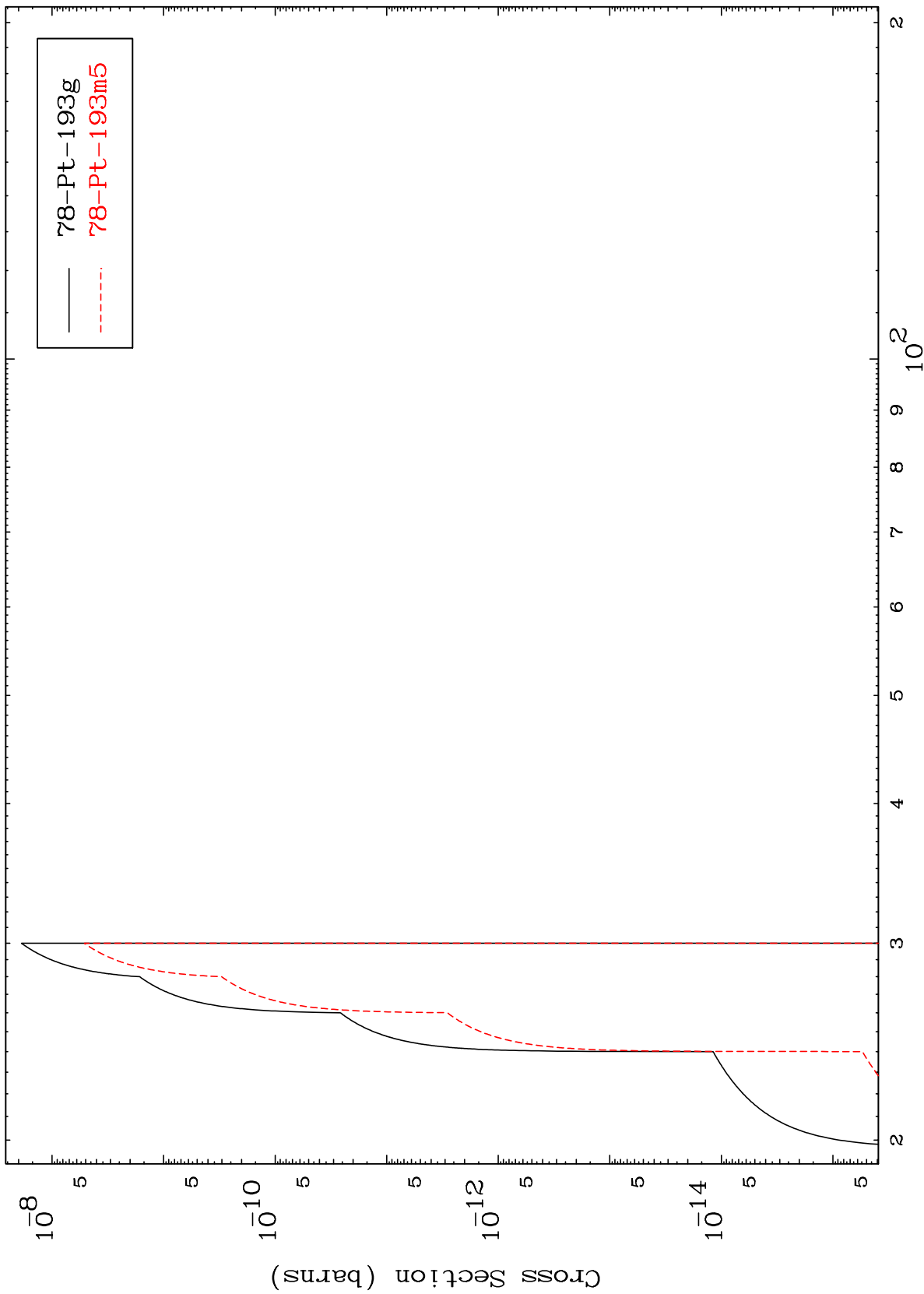
79-Au-197

MAT 7925

(γ, n') t

79-Au-197

Radionuclide Production Cross Section



16

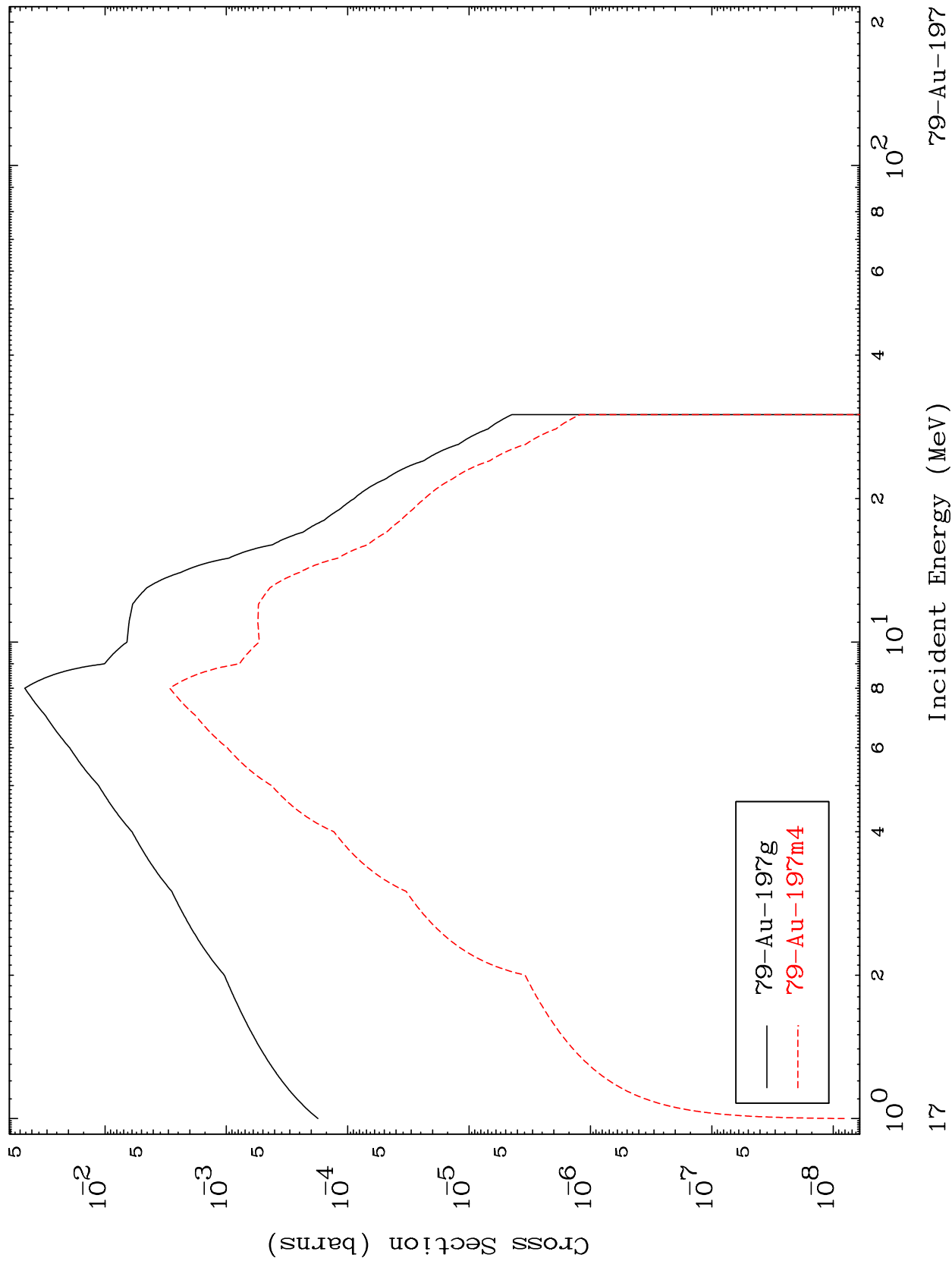
Incident Energy (MeV)

79-Au-197

MAT 7925

⁷⁹Au-197

(γ, γ)
Radionuclide Production Cross Section



⁷⁹Au-197

Incident Energy (MeV)

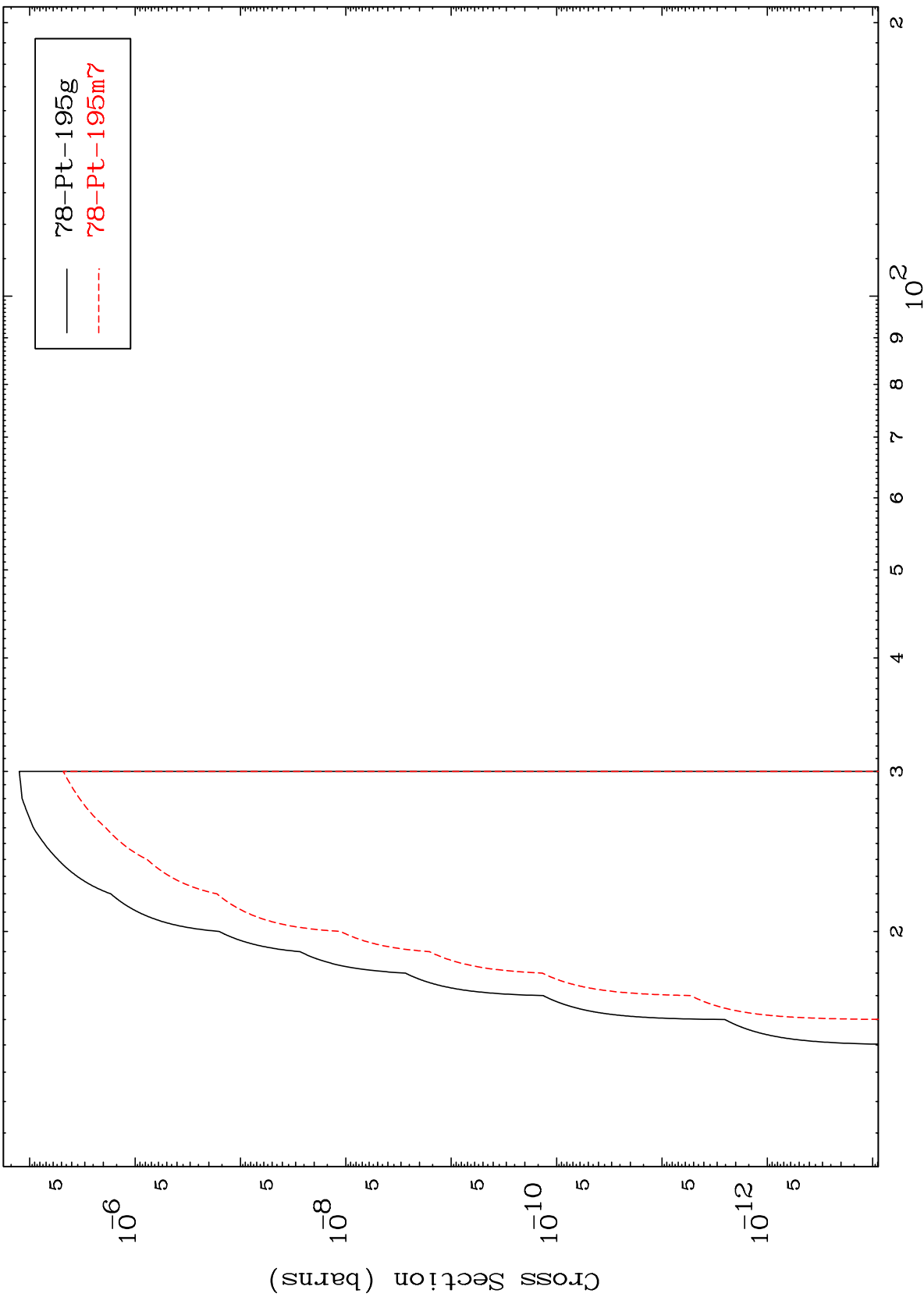
17

MAT 7925

(γ, d)

79-Au-197

Radionuclide Production Cross Section



18

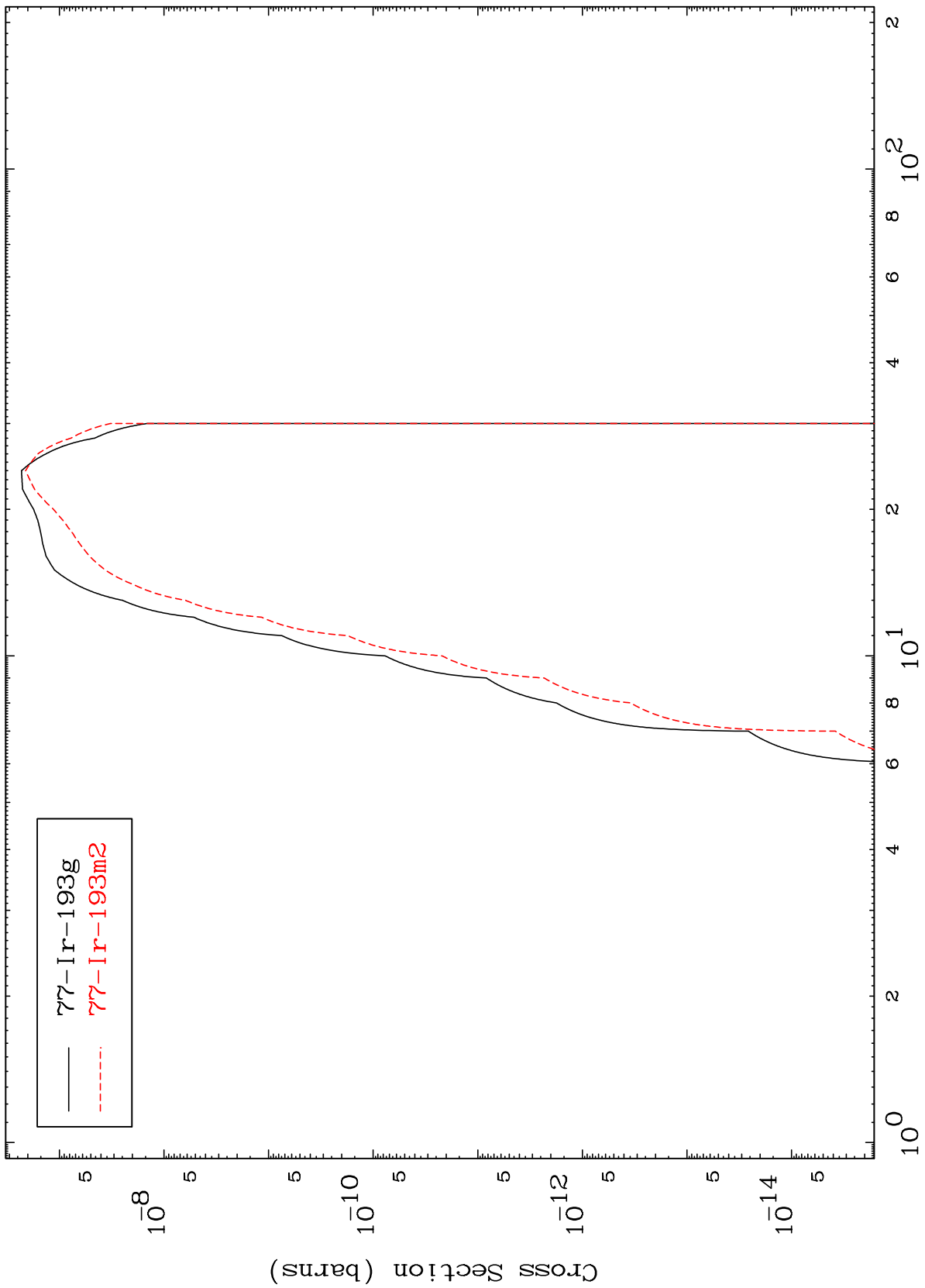
Incident Energy (MeV)

79-Au-197

MAT 7925

79-Au-197

(γ, α)
Radionuclide Production Cross Section



Incident Energy (MeV)

79-Au-197

19