

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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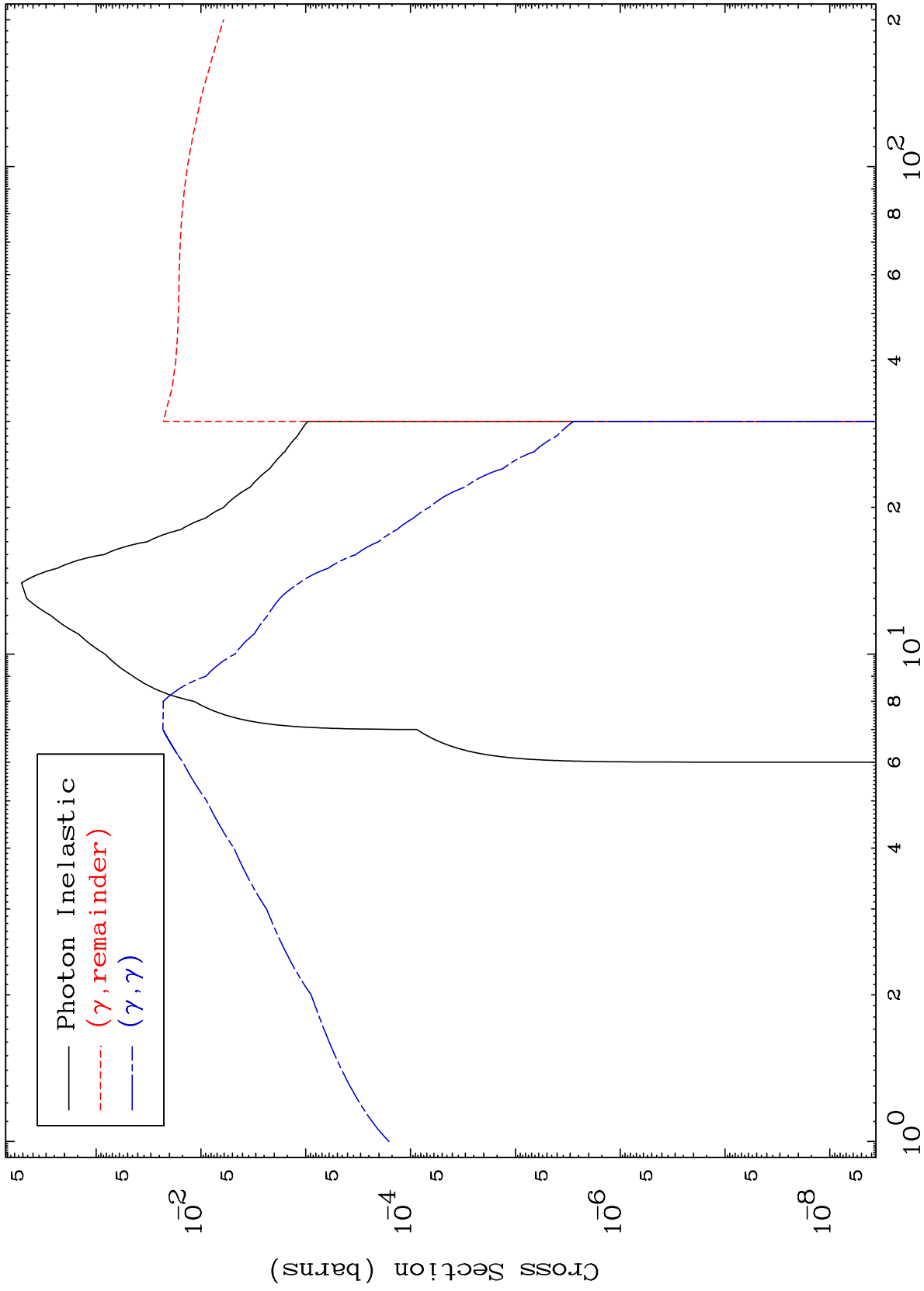
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7935

Photon Major
0 Kelvin Cross Sections

79-Au-200



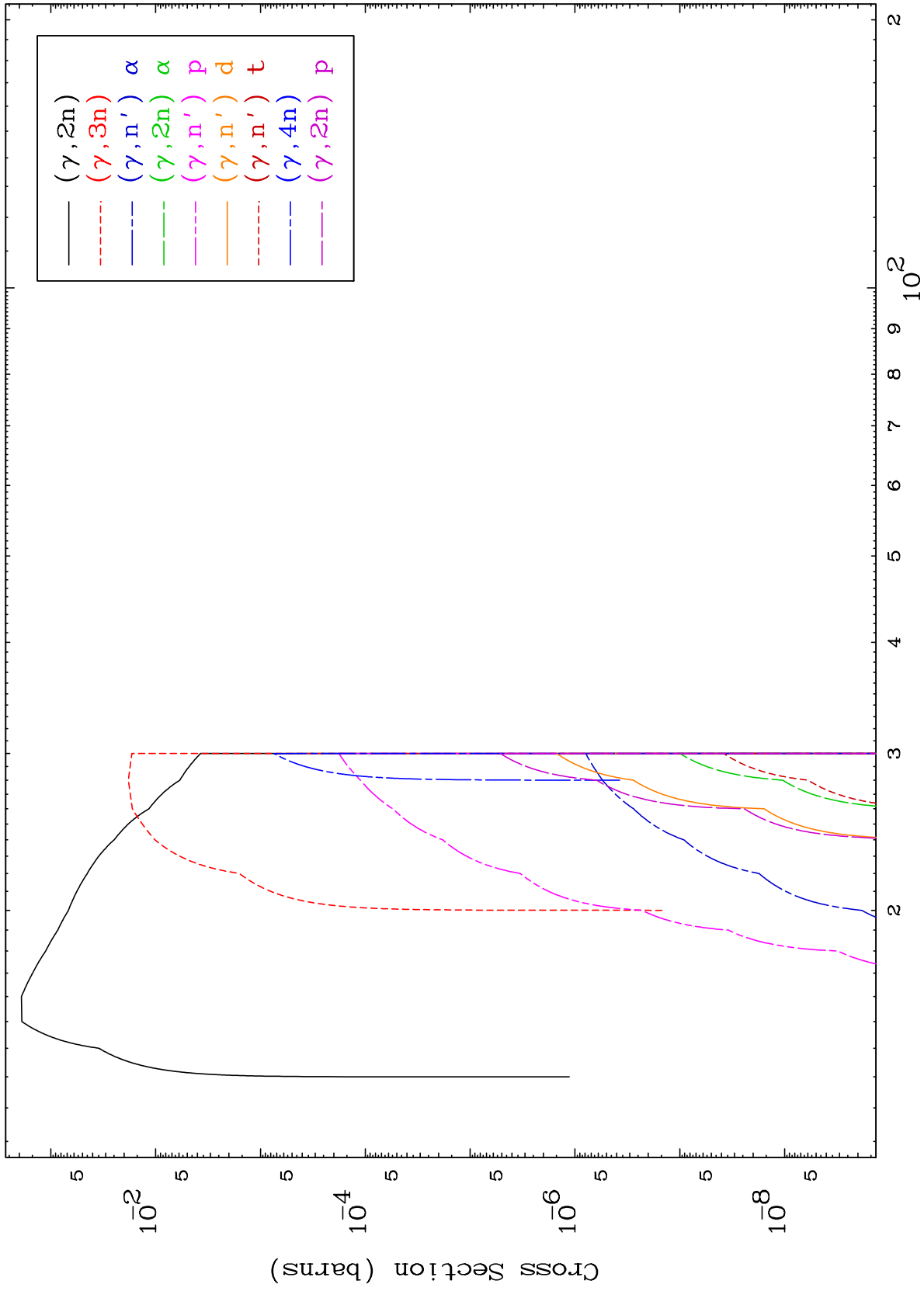
Incident Energy (MeV)

79-Au-200

MAT 7935

Photon Neutron Production
0 Kelvin Cross Sections

79-Au-200



2

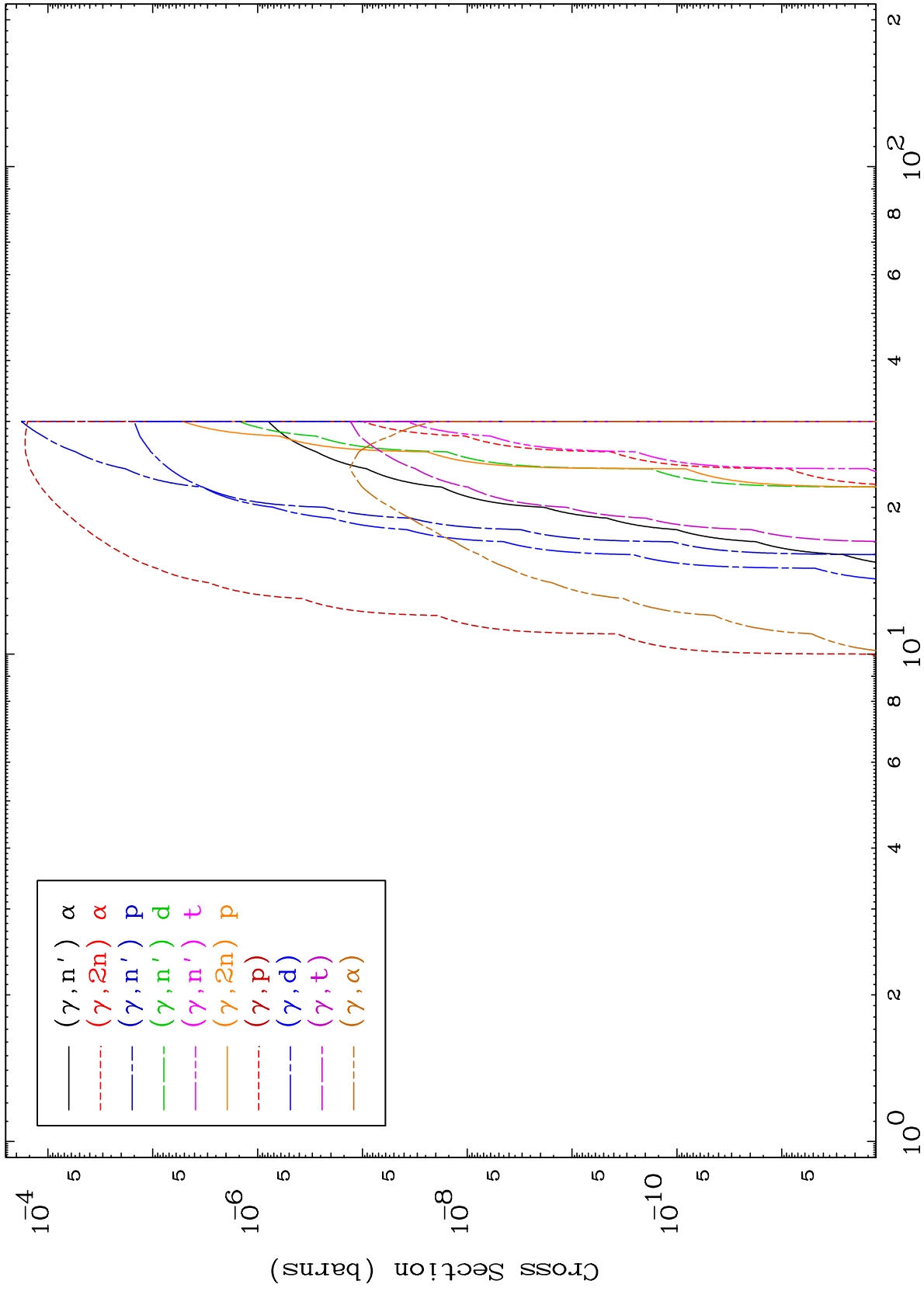
Incident Energy (MeV)

79-Au-200

MAT 7935

Photon Charged Particle
0 Kelvin Cross Sections

79-Au-200



3

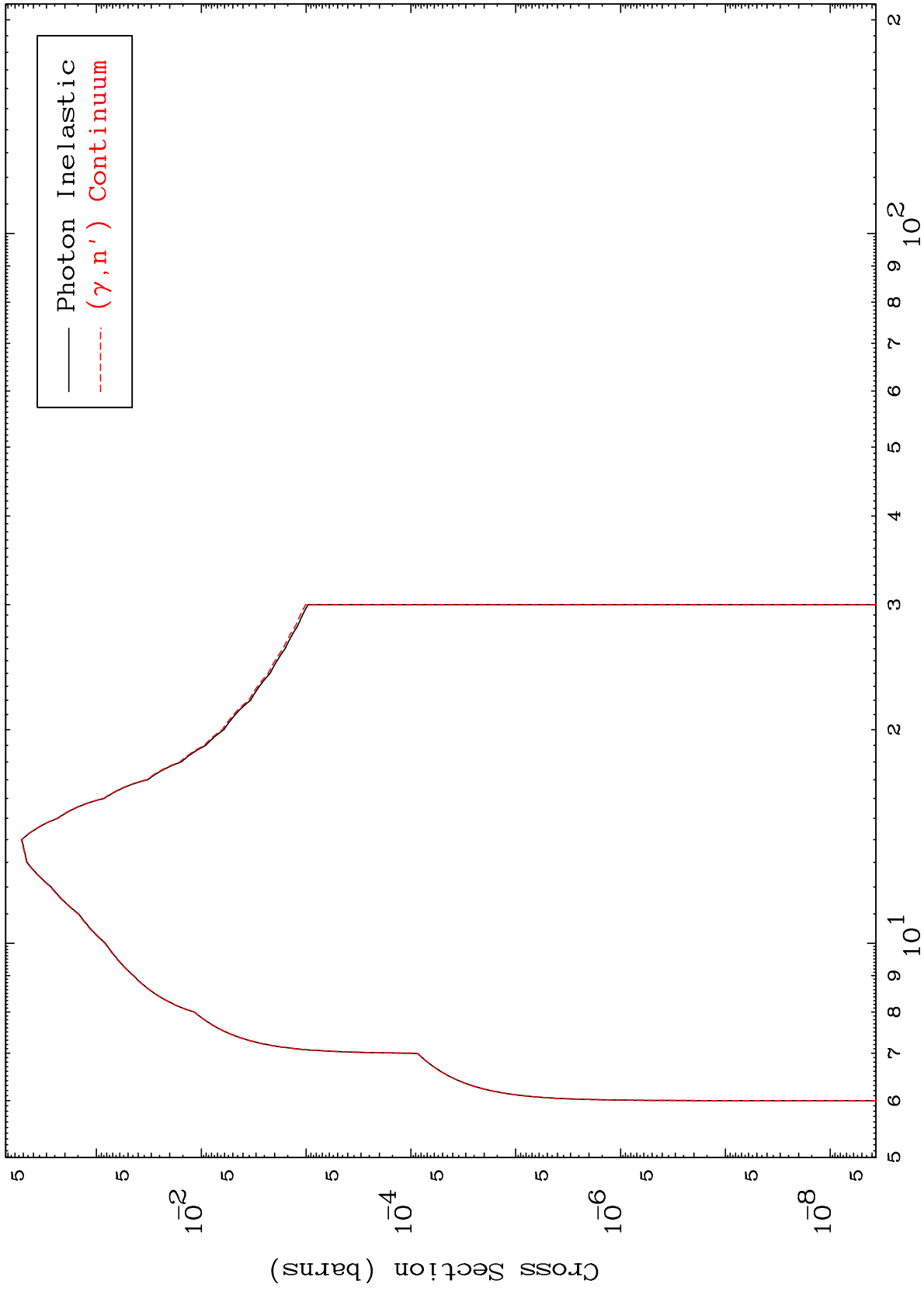
Incident Energy (MeV)

79-Au-200

MAT 7935

(γ, n') Level
0 Kelvin Cross Sections

79-Au-200



4

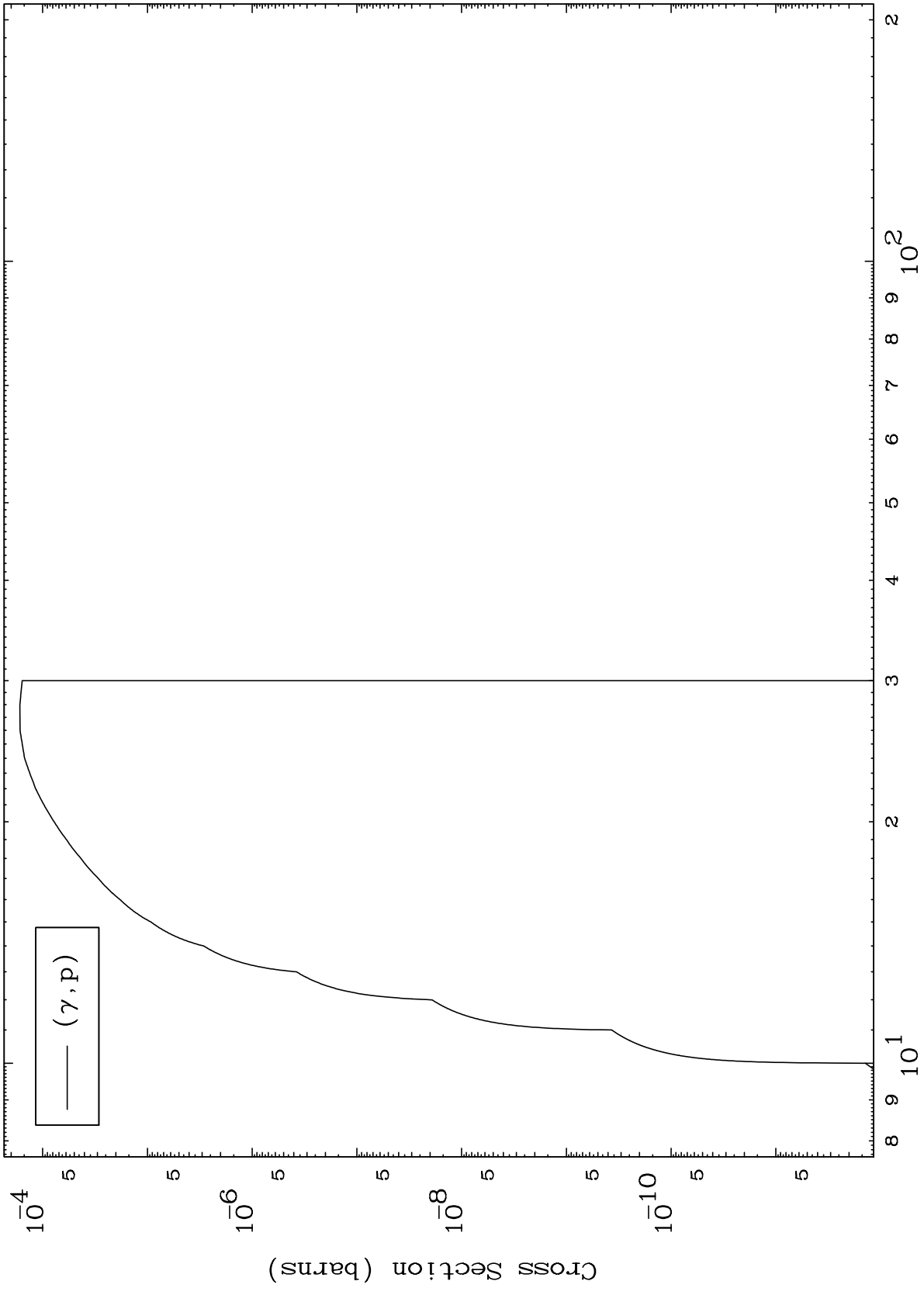
Incident Energy (MeV)

79-Au-200

MAT 7935

(γ, p) Levels
0 Kelvin Cross Sections

79-Au-200



5

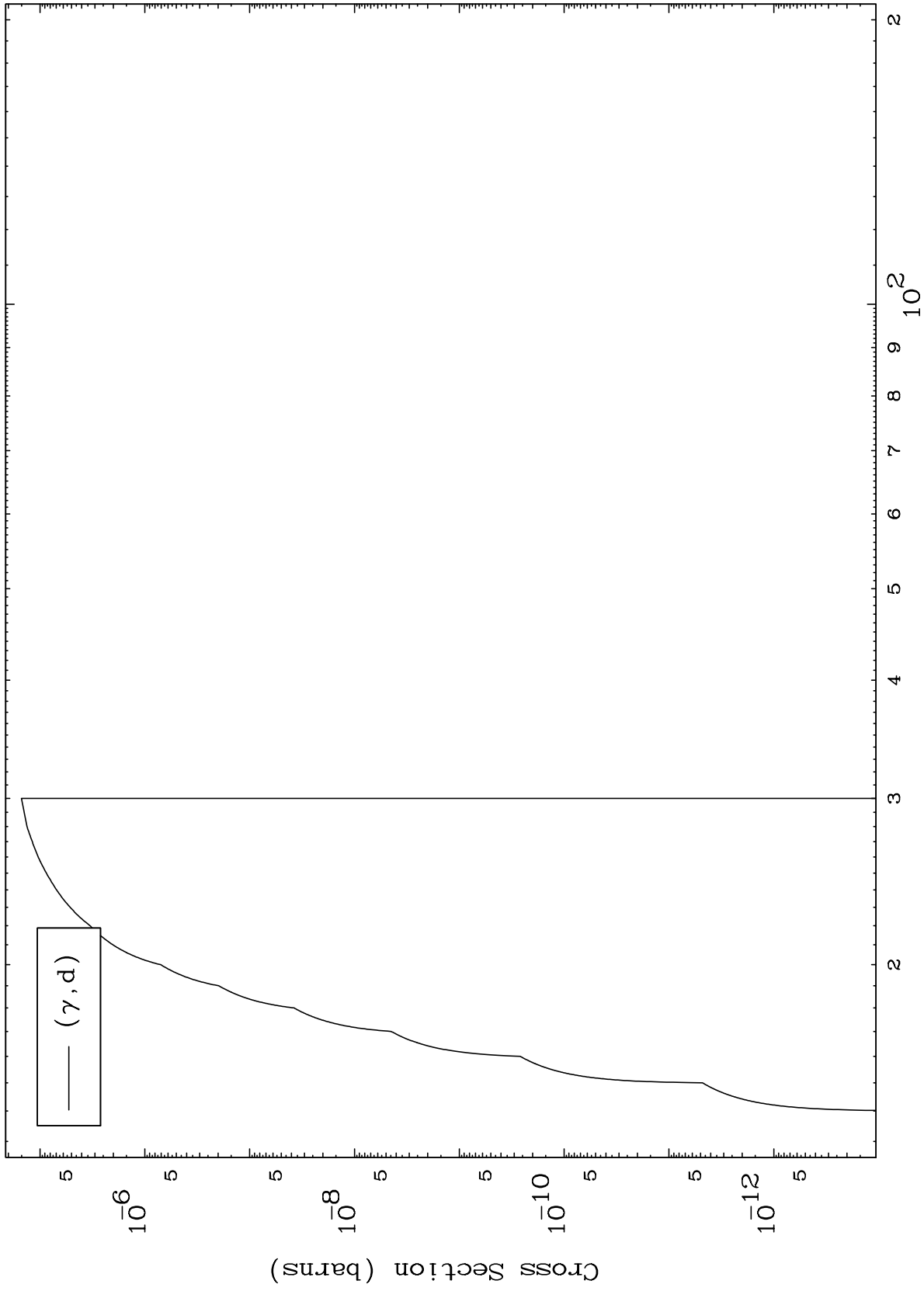
Incident Energy (MeV)

79-Au-200

MAT 7935

(γ, d) Levels
0 Kelvin Cross Sections

79-Au-200



6

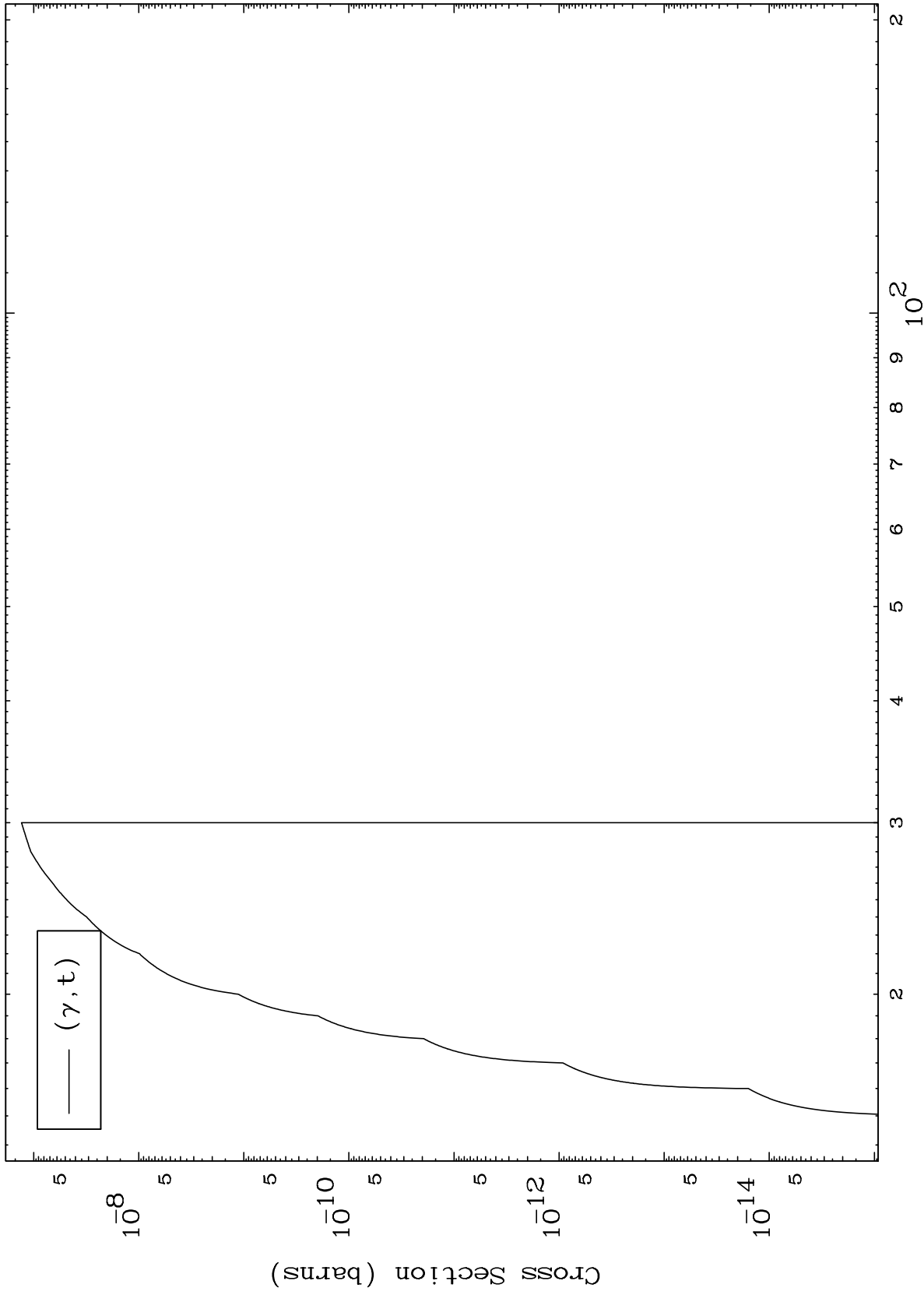
Incident Energy (MeV)

79-Au-200

MAT 7935

(γ, t) Levels
0 Kelvin Cross Sections

79-Au-200



7

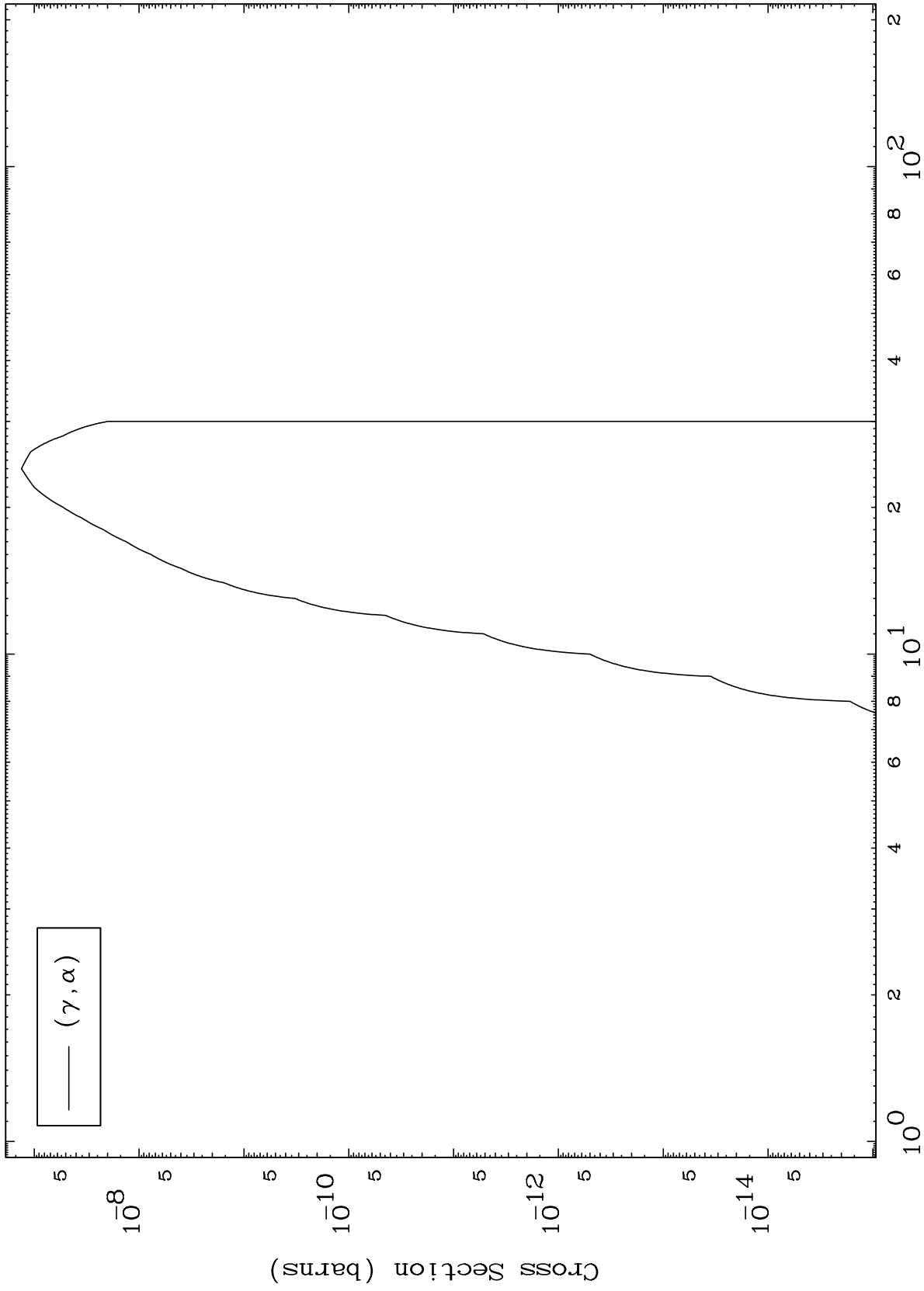
Incident Energy (MeV)

79-Au-200

MAT 7935

(γ, α) Levels
0 Kelvin Cross Sections

79-Au-200



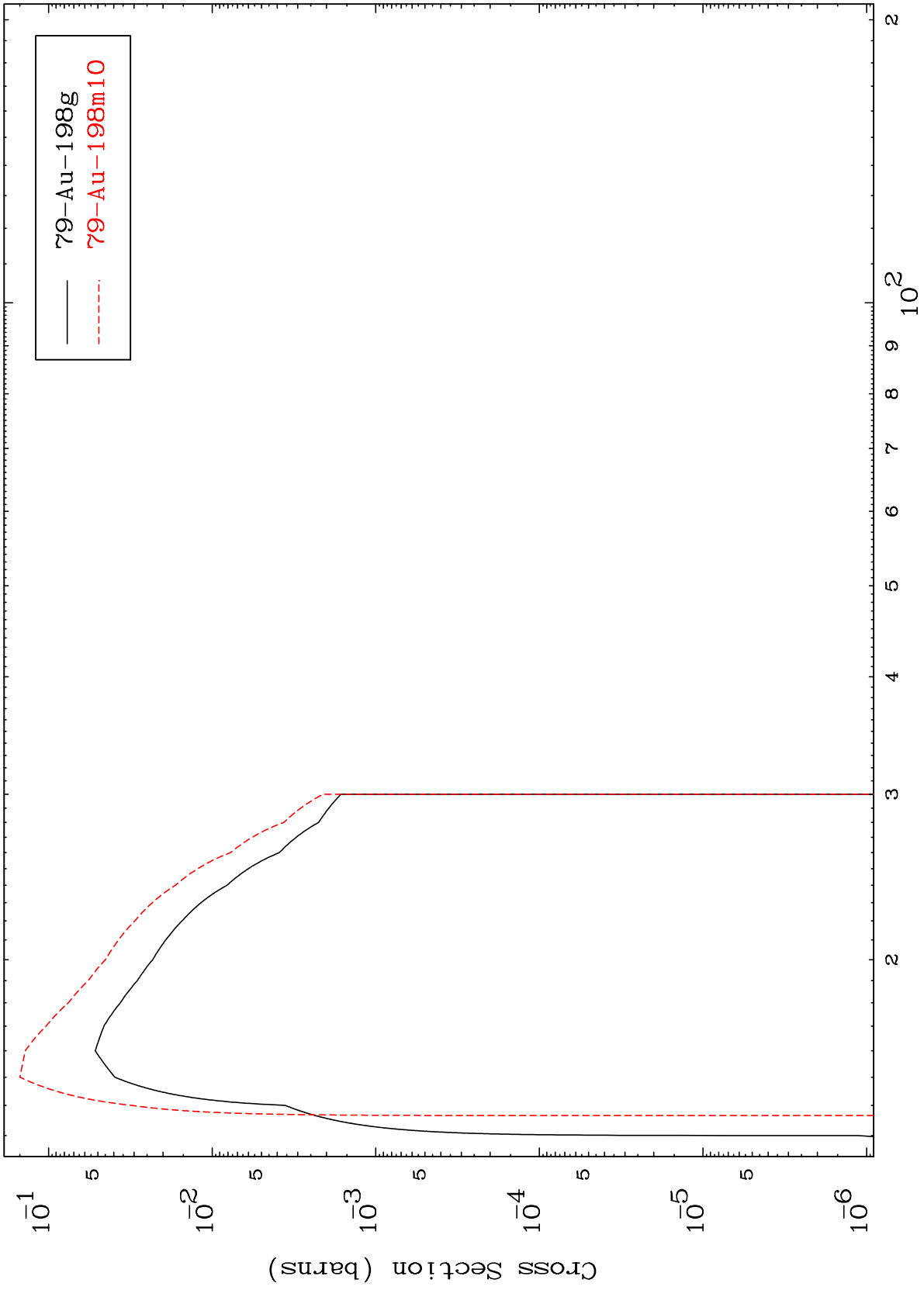
Incident Energy (MeV)

79-Au-200

MAT 7935

79-Au-200

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



9

Incident Energy (MeV)

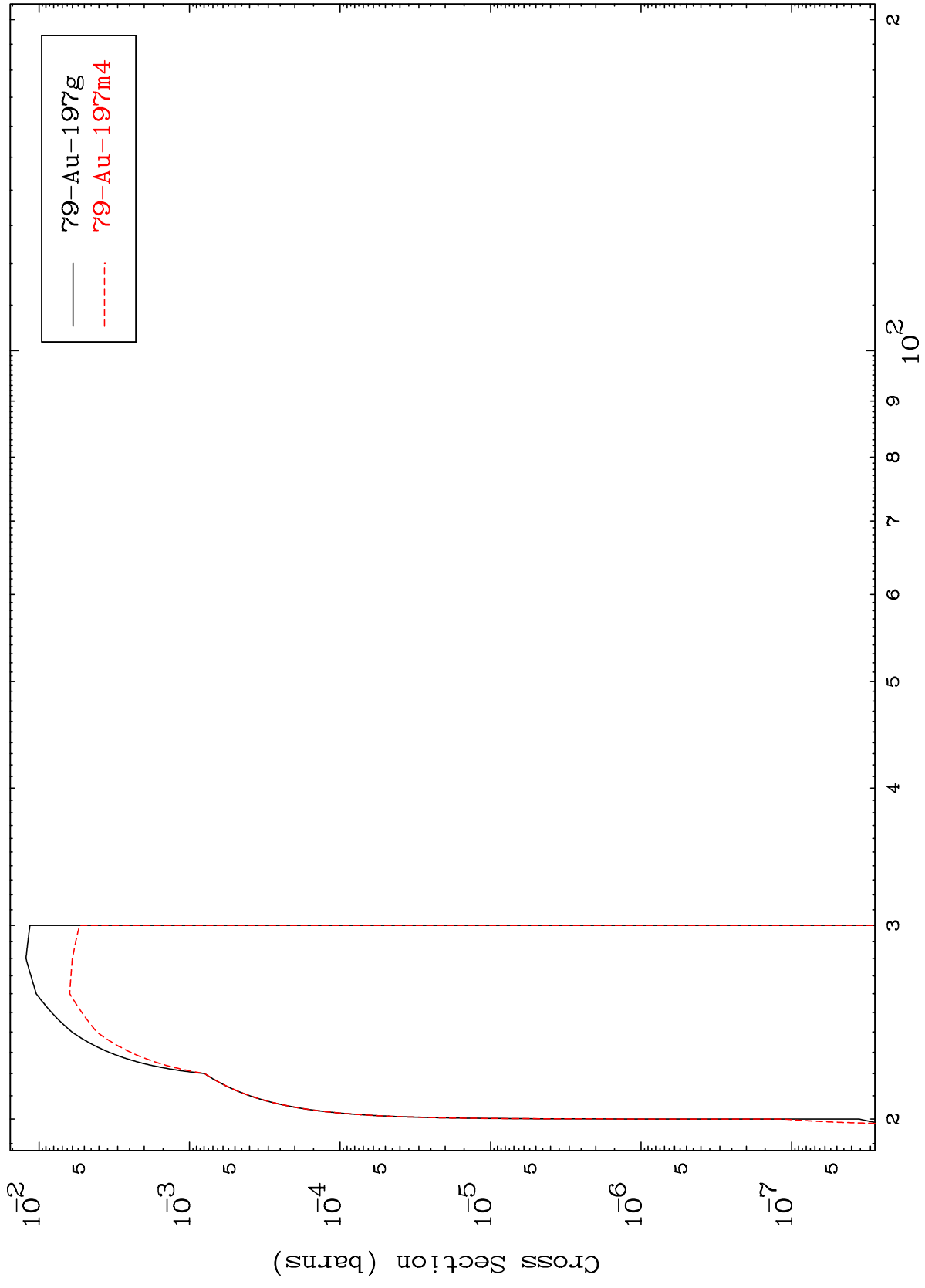
79-Au-200

MAT 7935

($\gamma, 3n$)

⁷⁹Au-200

Radionuclide Production Cross Section



10

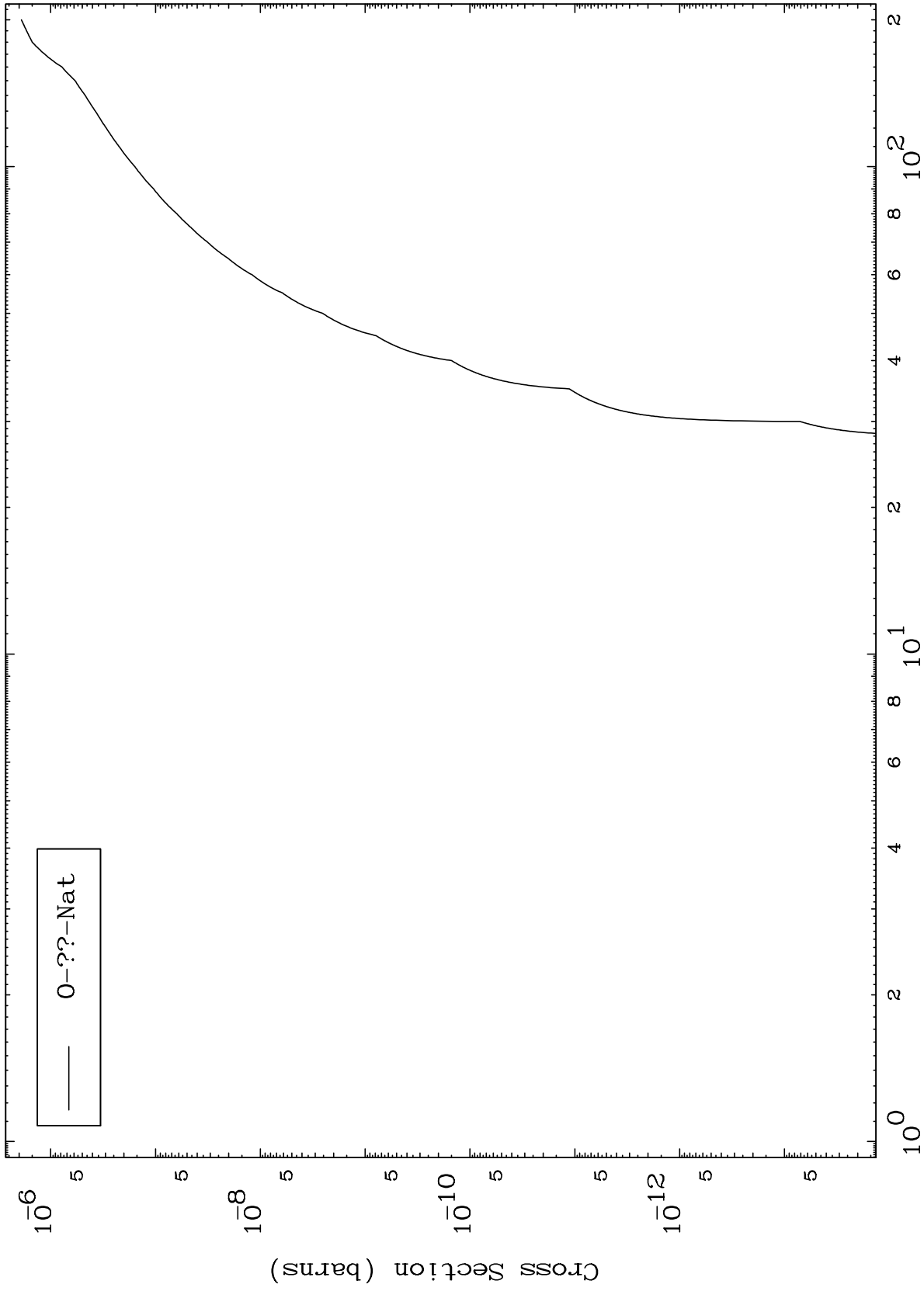
Incident Energy (MeV)

⁷⁹Au-200

MAT 7935

Photon Fission
Radionuclide Production Cross Section

⁷⁹Au-200



11

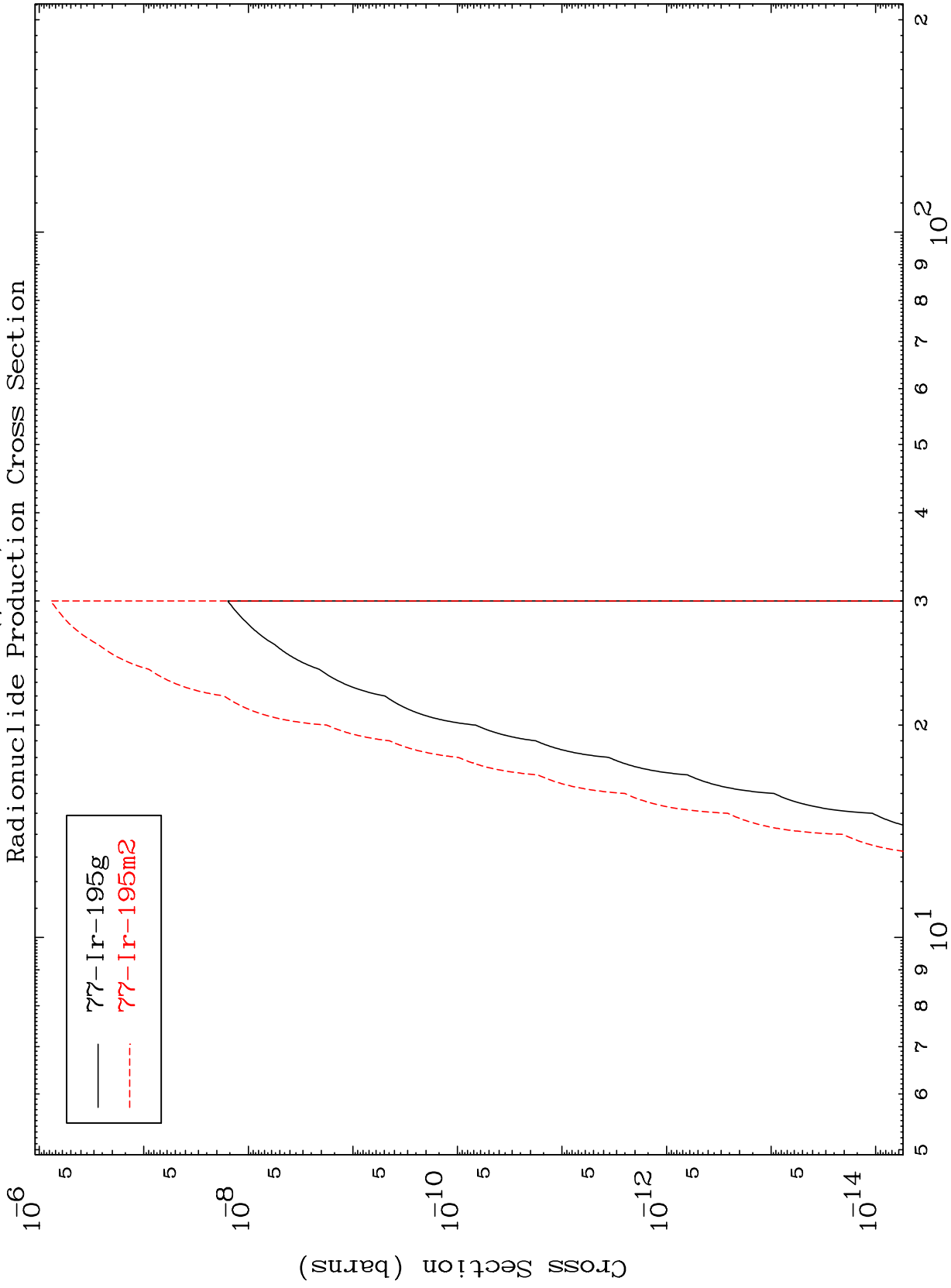
Incident Energy (MeV)

⁷⁹Au-200

MAT 7935

79-Au-200

$(\gamma, n') \alpha$
Radionuclide Production Cross Section



12

Incident Energy (MeV)

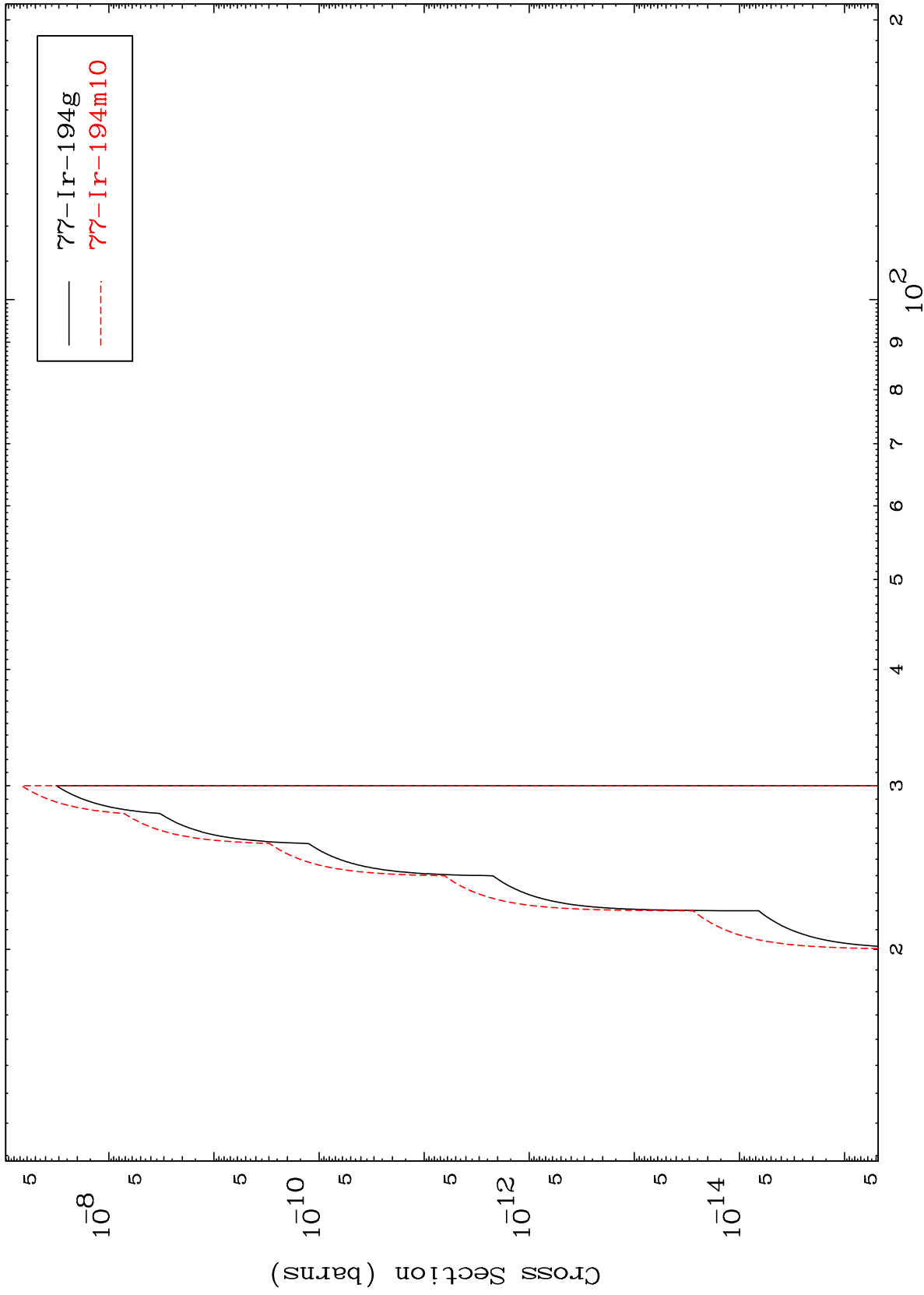
79-Au-200

MAT 7935

$(\gamma, 2n) \alpha$

⁷⁹Au-200

Radionuclide Production Cross Section



13

Incident Energy (MeV)

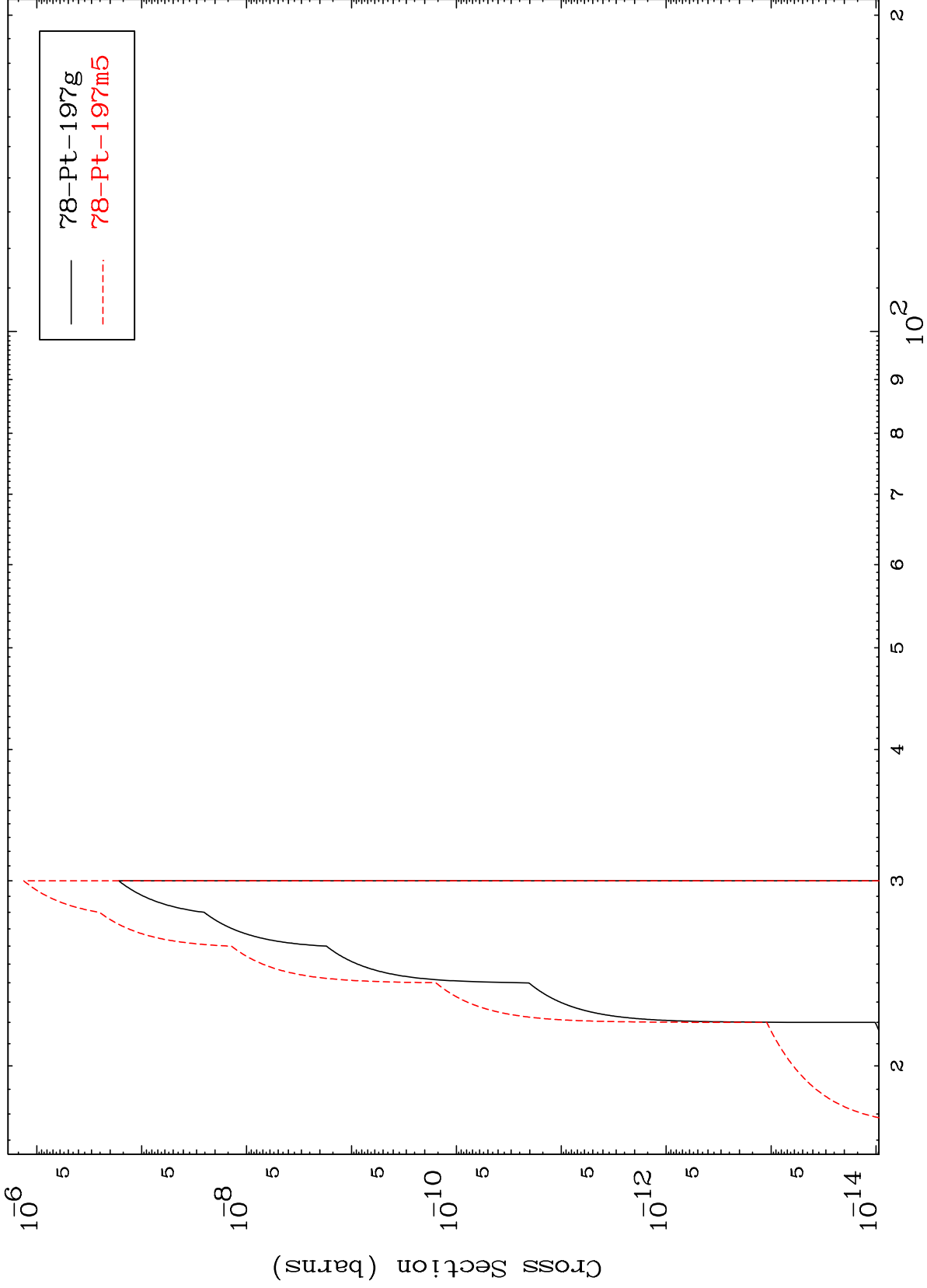
⁷⁹Au-200

MAT 7935

(γ, n') d

79-Au-200

Radionuclide Production Cross Section



14

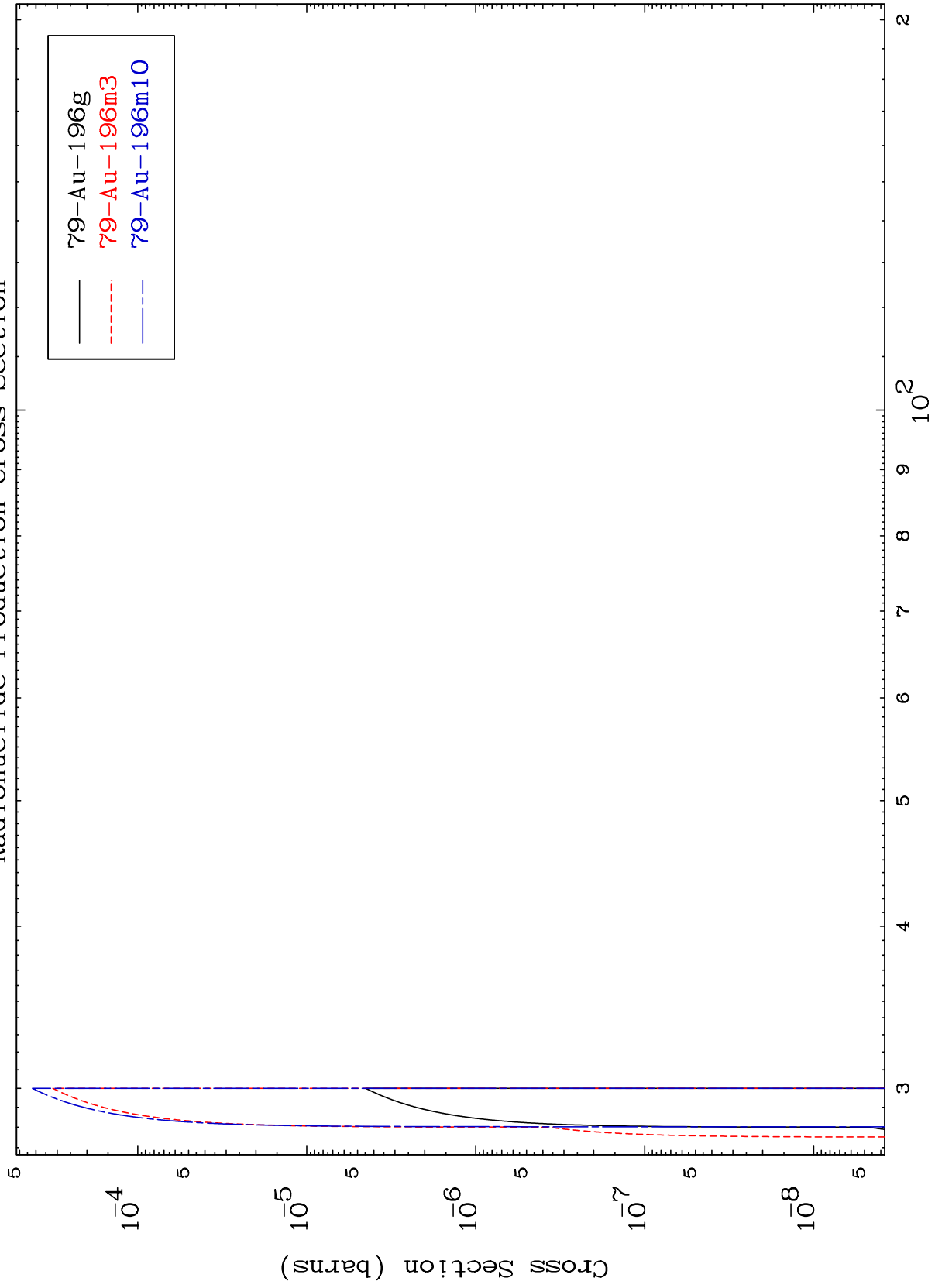
Incident Energy (MeV)

79-Au-200

MAT 7935

⁷⁹Au-200

$(\gamma, 4n)$
Radionuclide Production Cross Section



15

Incident Energy (MeV)

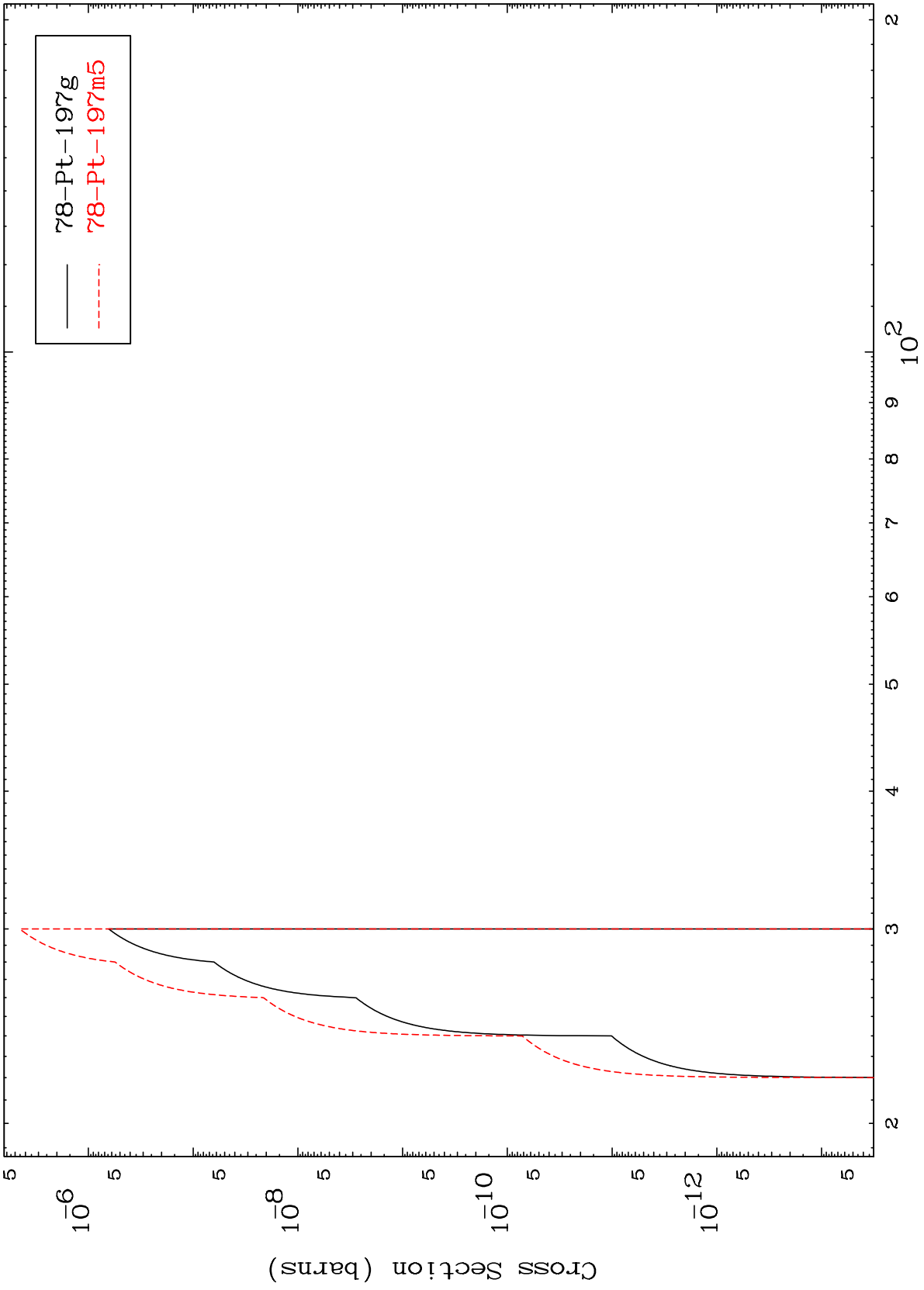
⁷⁹Au-200

MAT 7935

$(\gamma, 2n)$ p

⁷⁹Au-200

Radionuclide Production Cross Section



16

Incident Energy (MeV)

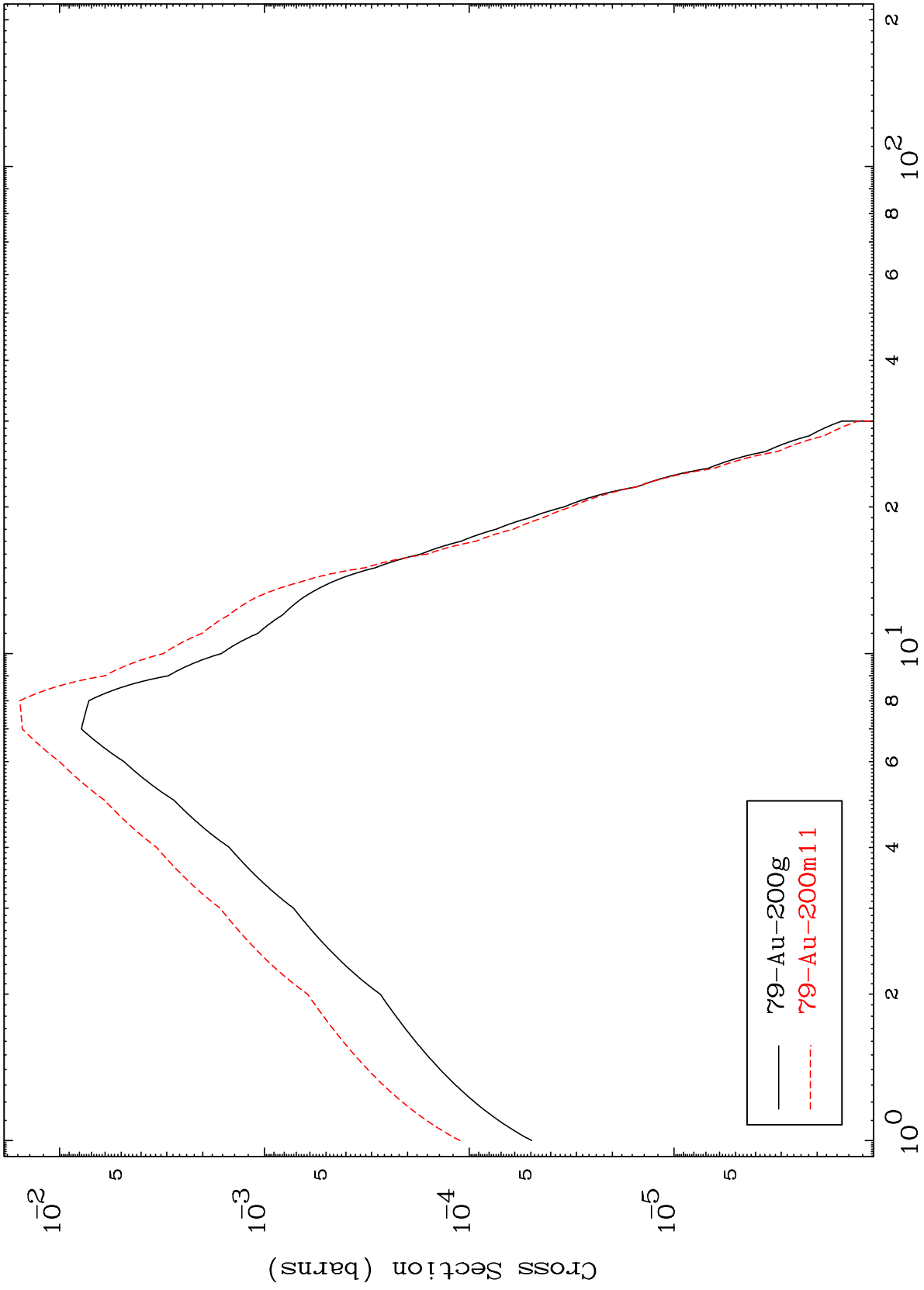
⁷⁹Au-200

MAT 7935

⁷⁹Au-200

Radionuclide Production Cross Section

(γ, γ)



17

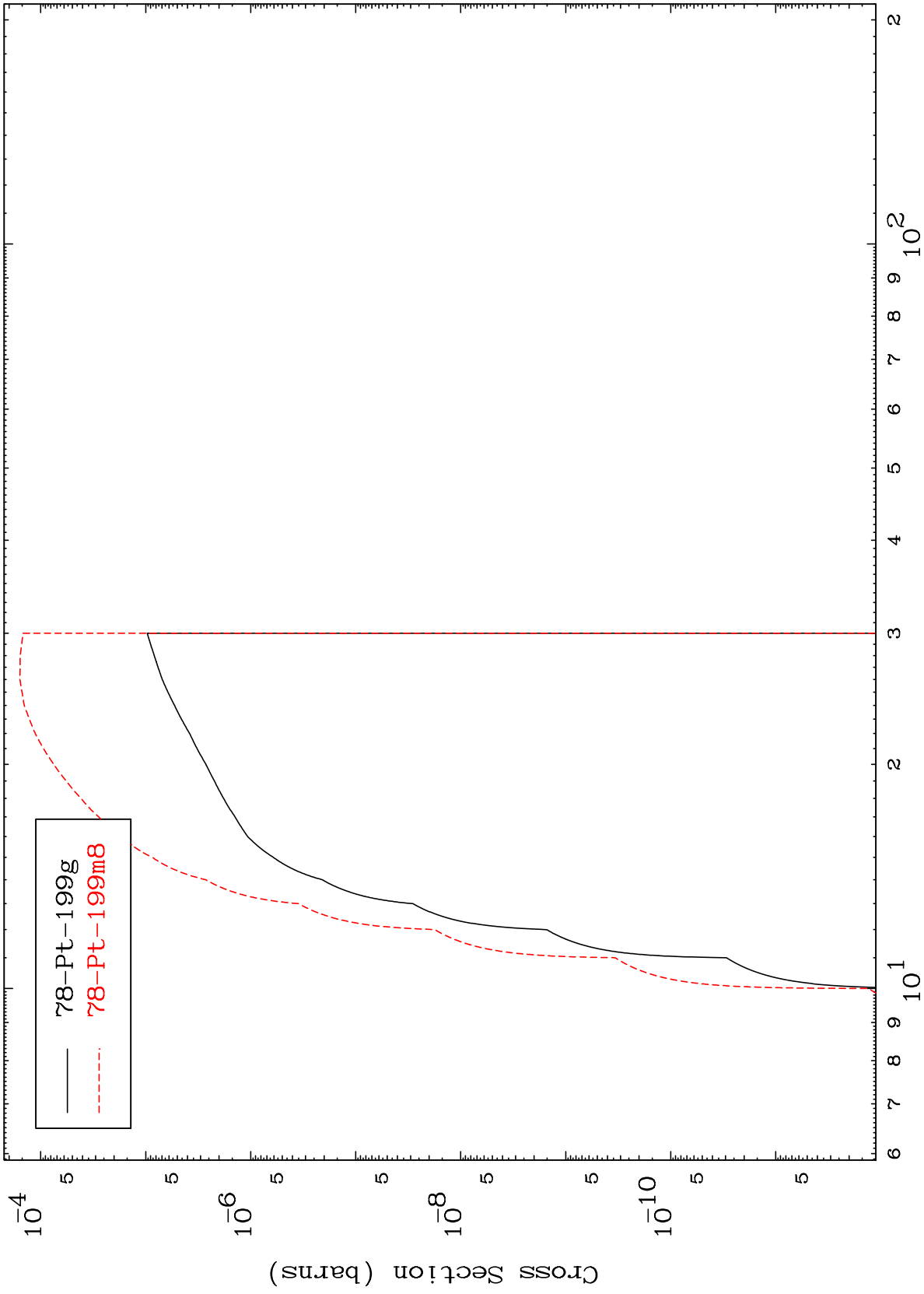
Incident Energy (MeV)

⁷⁹Au-200

MAT 7935

79-Au-200

Radionuclide Production Cross Section
(γ, p)



18

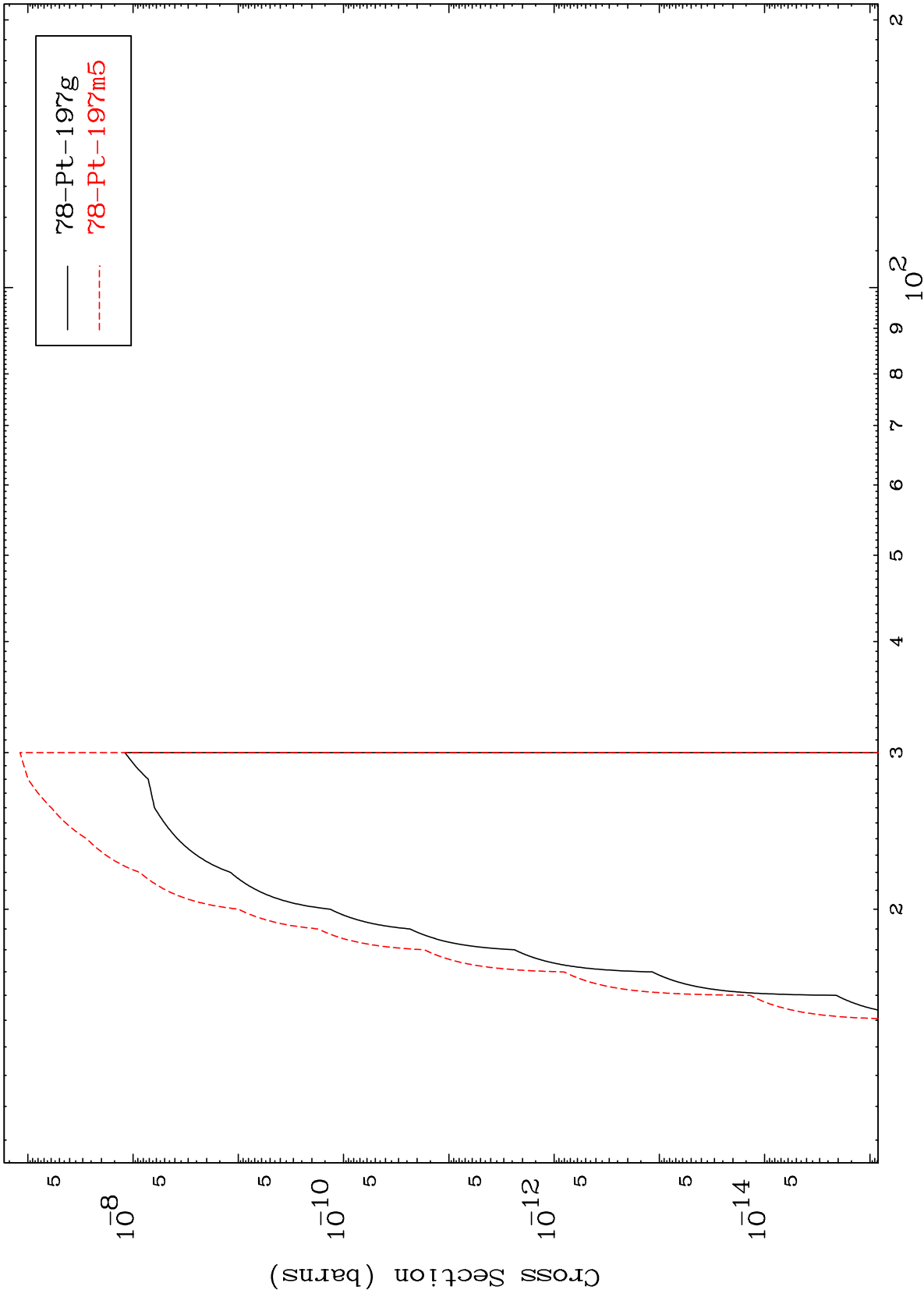
Incident Energy (MeV)

79-Au-200

MAT 7935

79-Au-200

(γ, t)
Radionuclide Production Cross Section



19

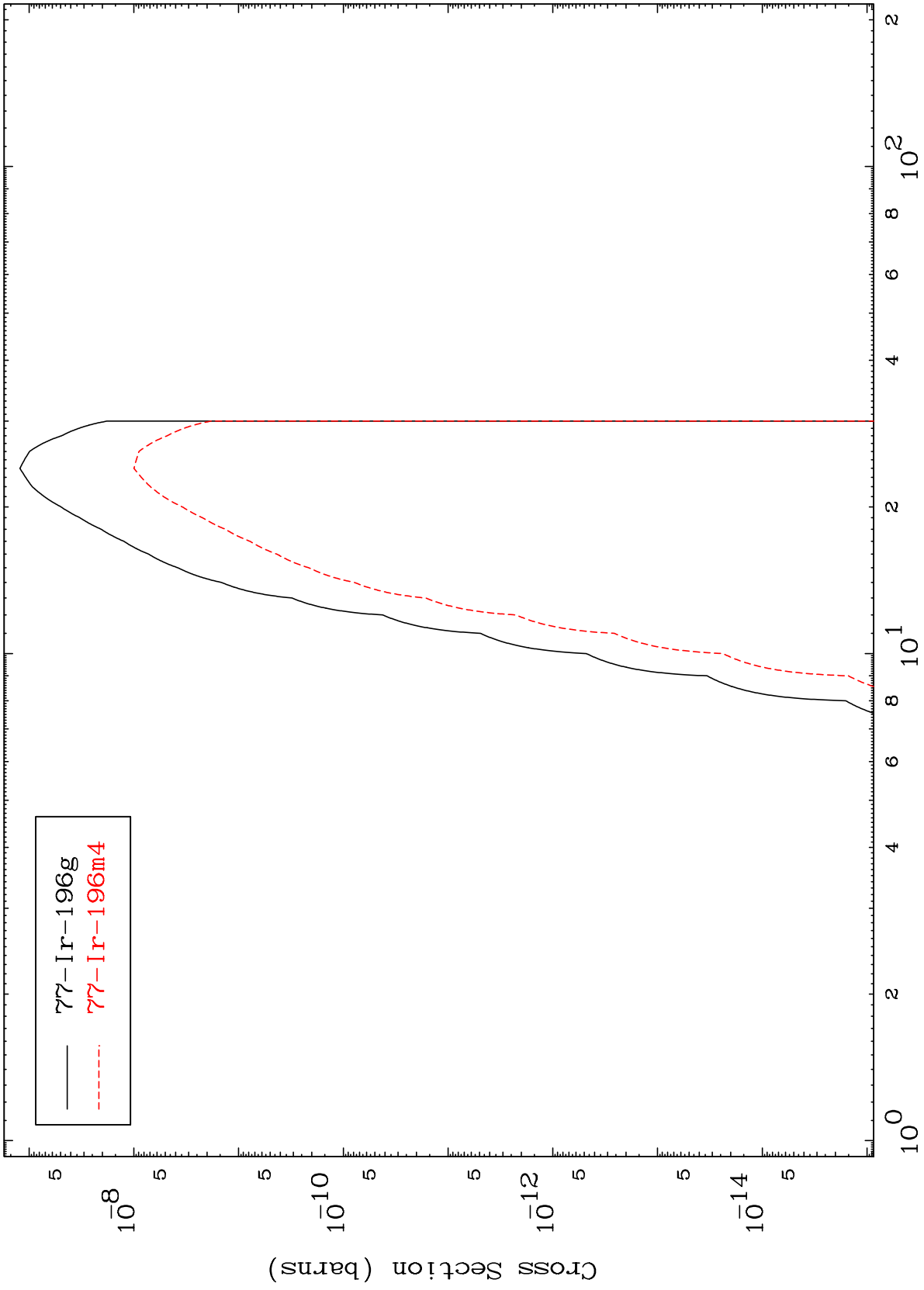
Incident Energy (MeV)

79-Au-200

MAT 7935

79-Au-200

(γ, α)
Radionuclide Production Cross Section



— $^{77}\text{Ir-196g}$
- - - $^{77}\text{Ir-196m4}$

79-Au-200

Incident Energy (MeV)

20