

Program EVALPLOT
(Version 2018-1)

by

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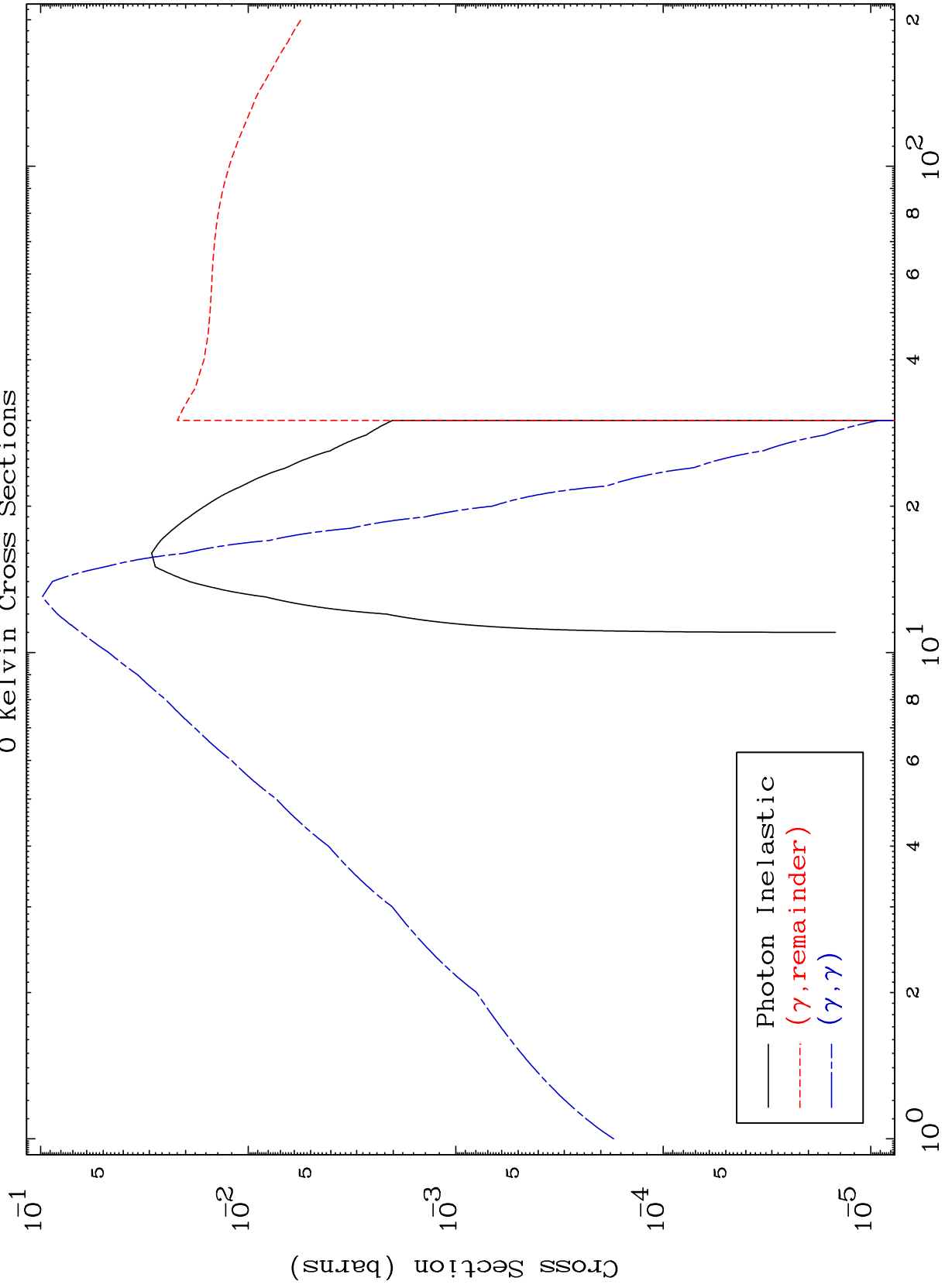
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7866

Photon Major
0 Kelvin Cross Sections

79-Au-177



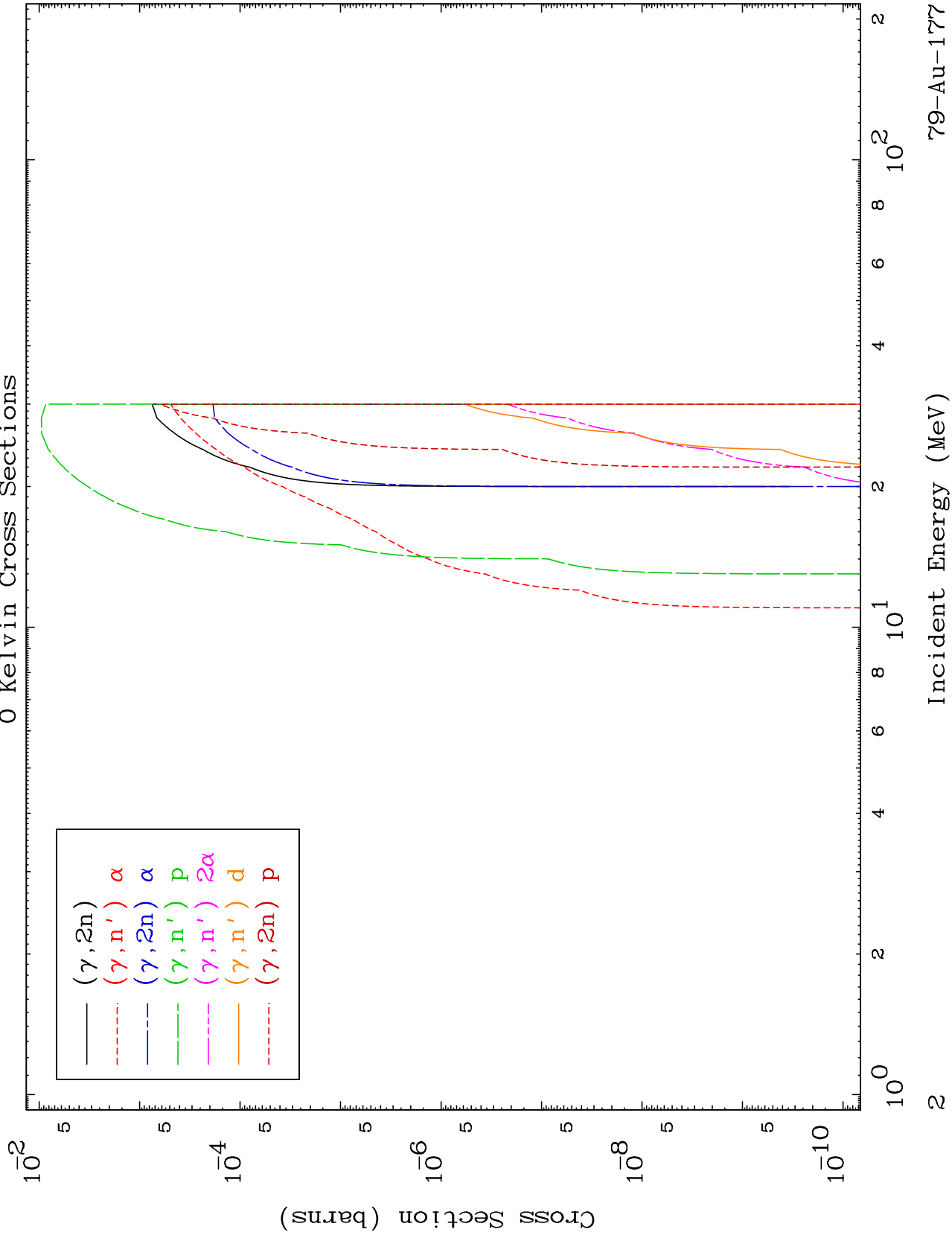
79-Au-177

Incident Energy (MeV)

MAT 7866

Photon Neutron Production
0 Kelvin Cross Sections

79-Au-177

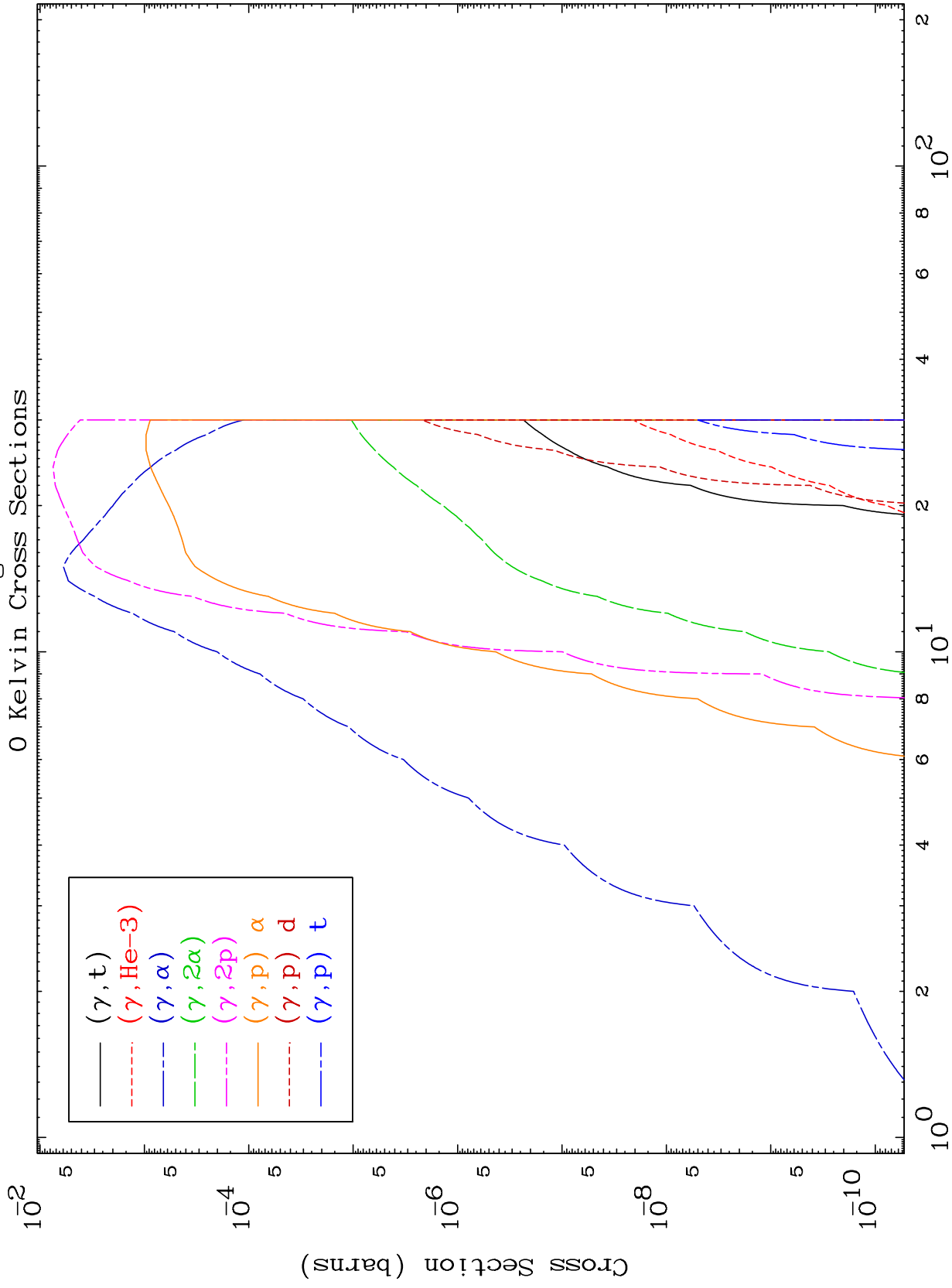


79-Au-177

MAT 7866

Photon Charged Particle
0 Kelvin Cross Sections

79-Au-177



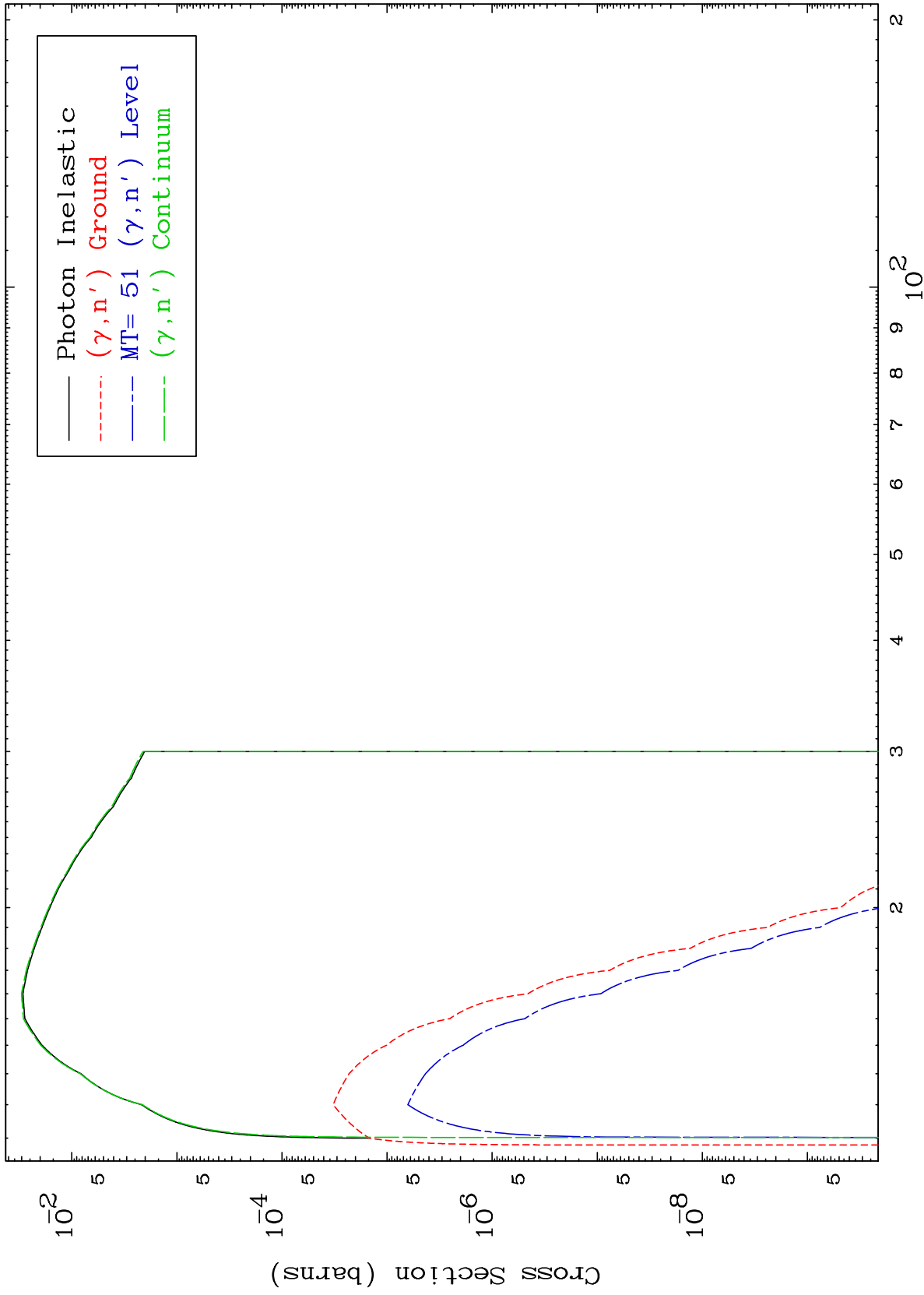
Incident Energy (MeV)

79-Au-177

MAT 7866

(γ, n') Level
0 Kelvin Cross Sections

79-Au-177



5

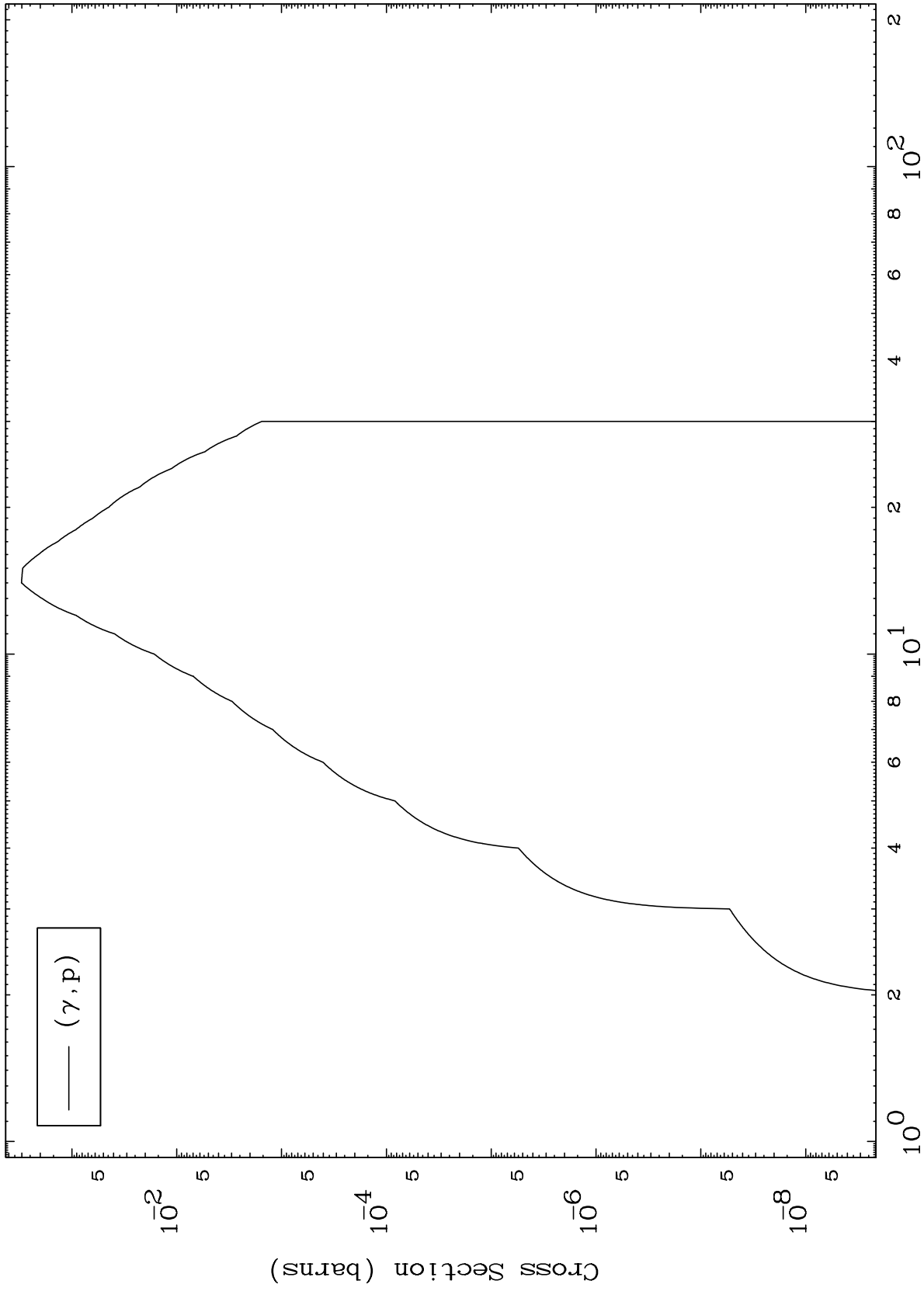
Incident Energy (MeV)

79-Au-177

MAT 7866

(γ, p) Levels
0 Kelvin Cross Sections

⁷⁹Au-177



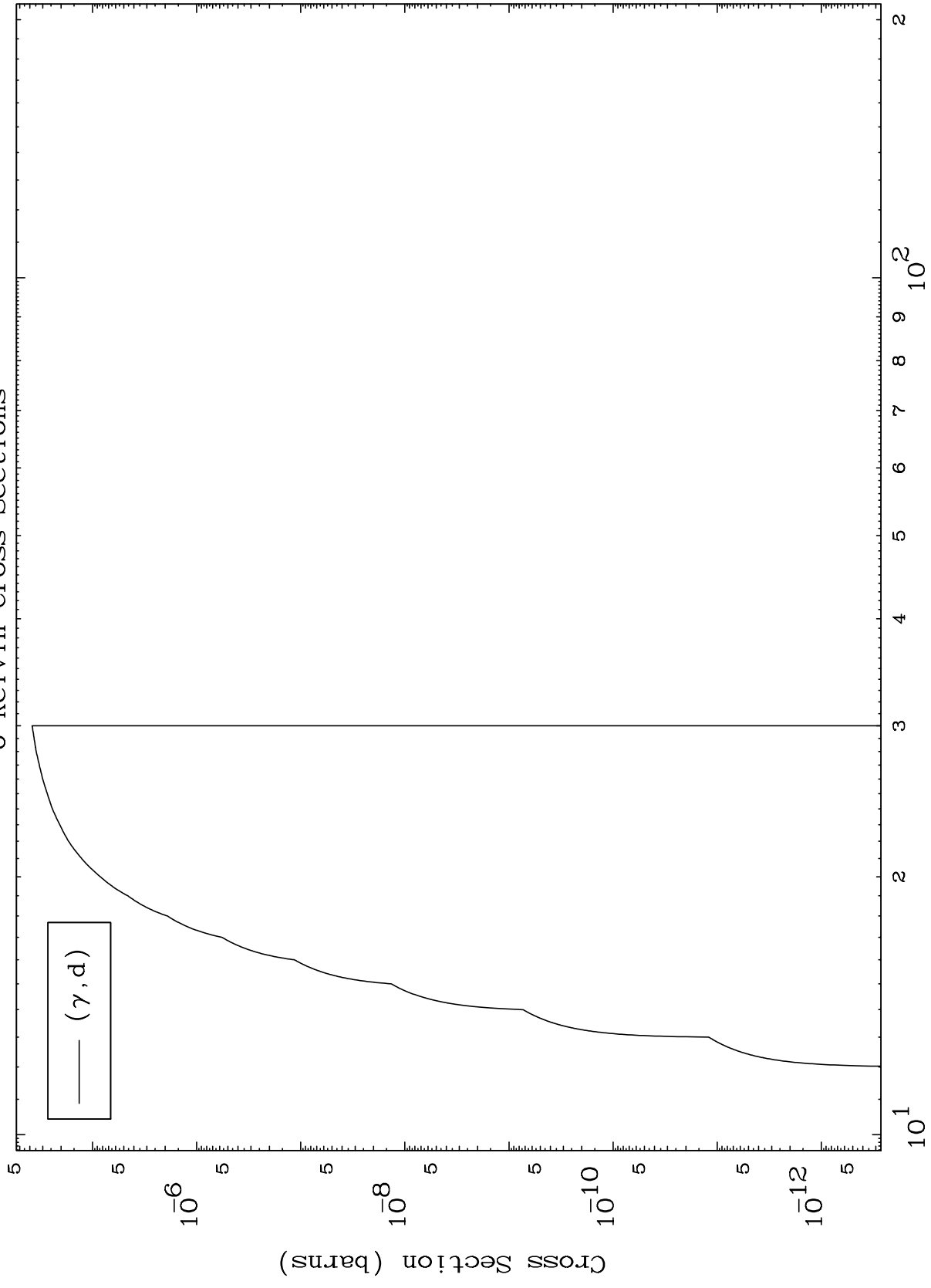
Incident Energy (MeV)

⁷⁹Au-177

MAT 7866

(γ, d) Levels
0 Kelvin Cross Sections

79-Au-177



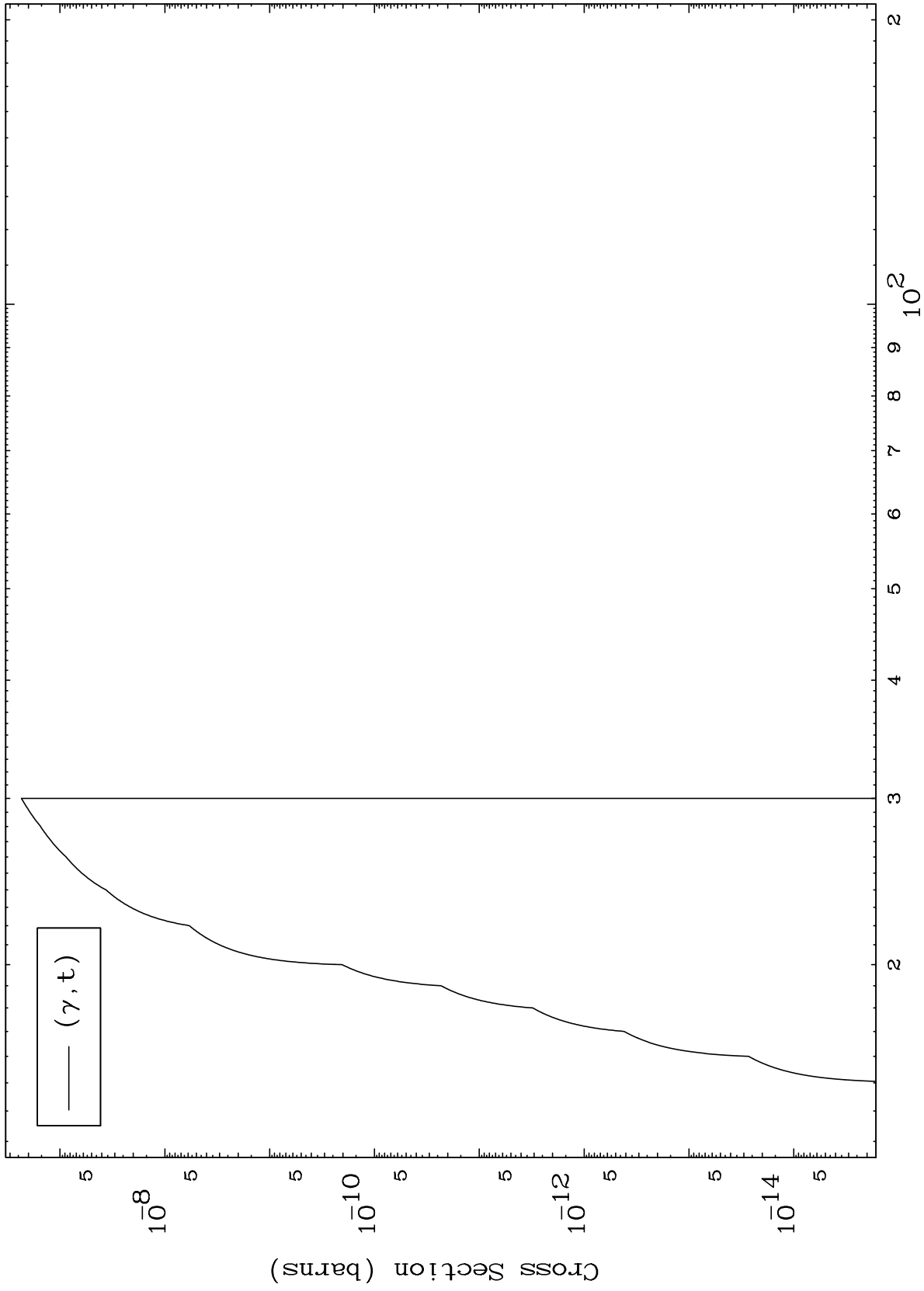
Incident Energy (MeV)

79-Au-177

MAT 7866

(γ, t) Levels
0 Kelvin Cross Sections

⁷⁹Au-177



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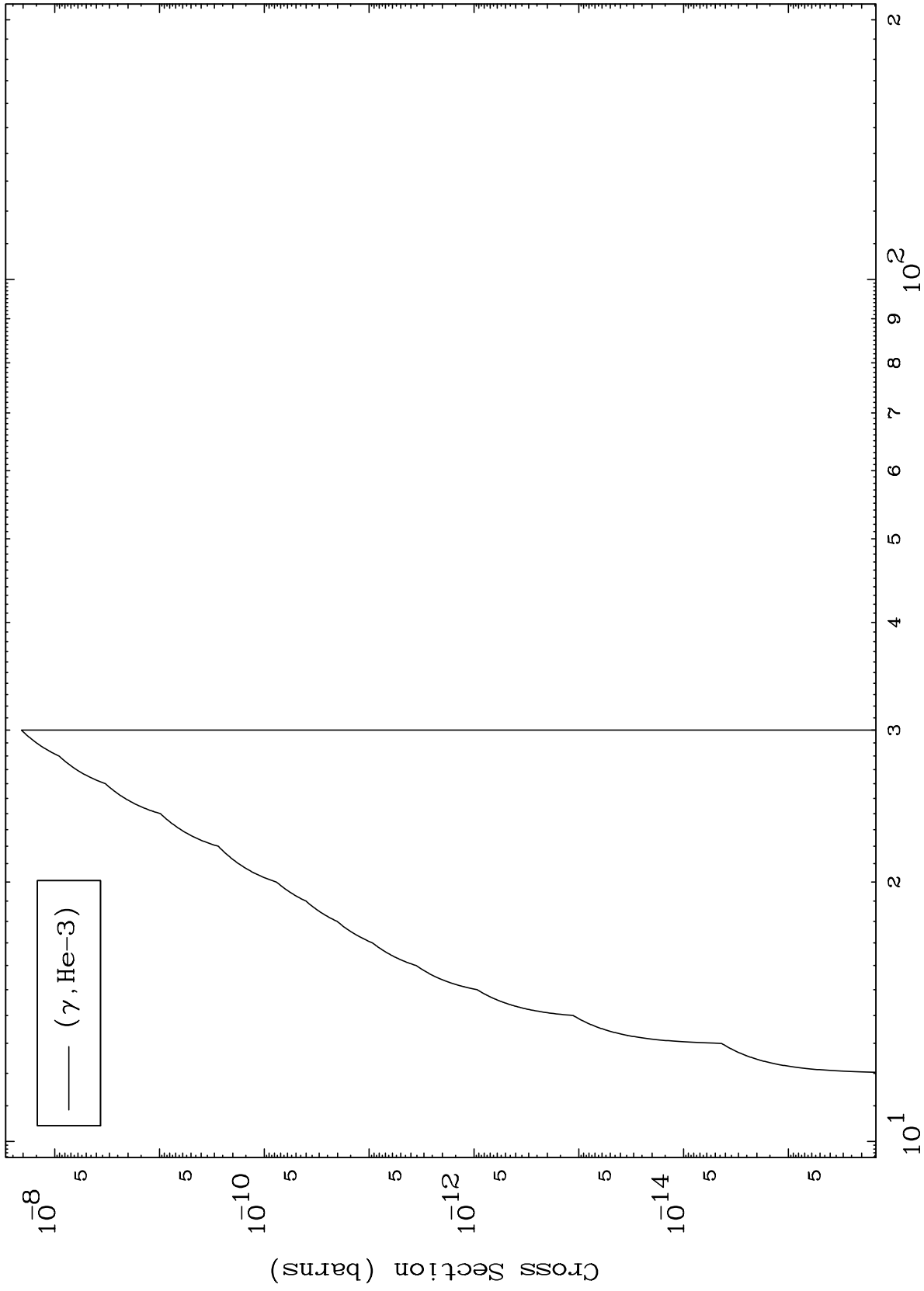
Incident Energy (MeV)

⁷⁹Au-177

MAT 7866

(γ ,He3) Levels
0 Kelvin Cross Sections

79-Au-177



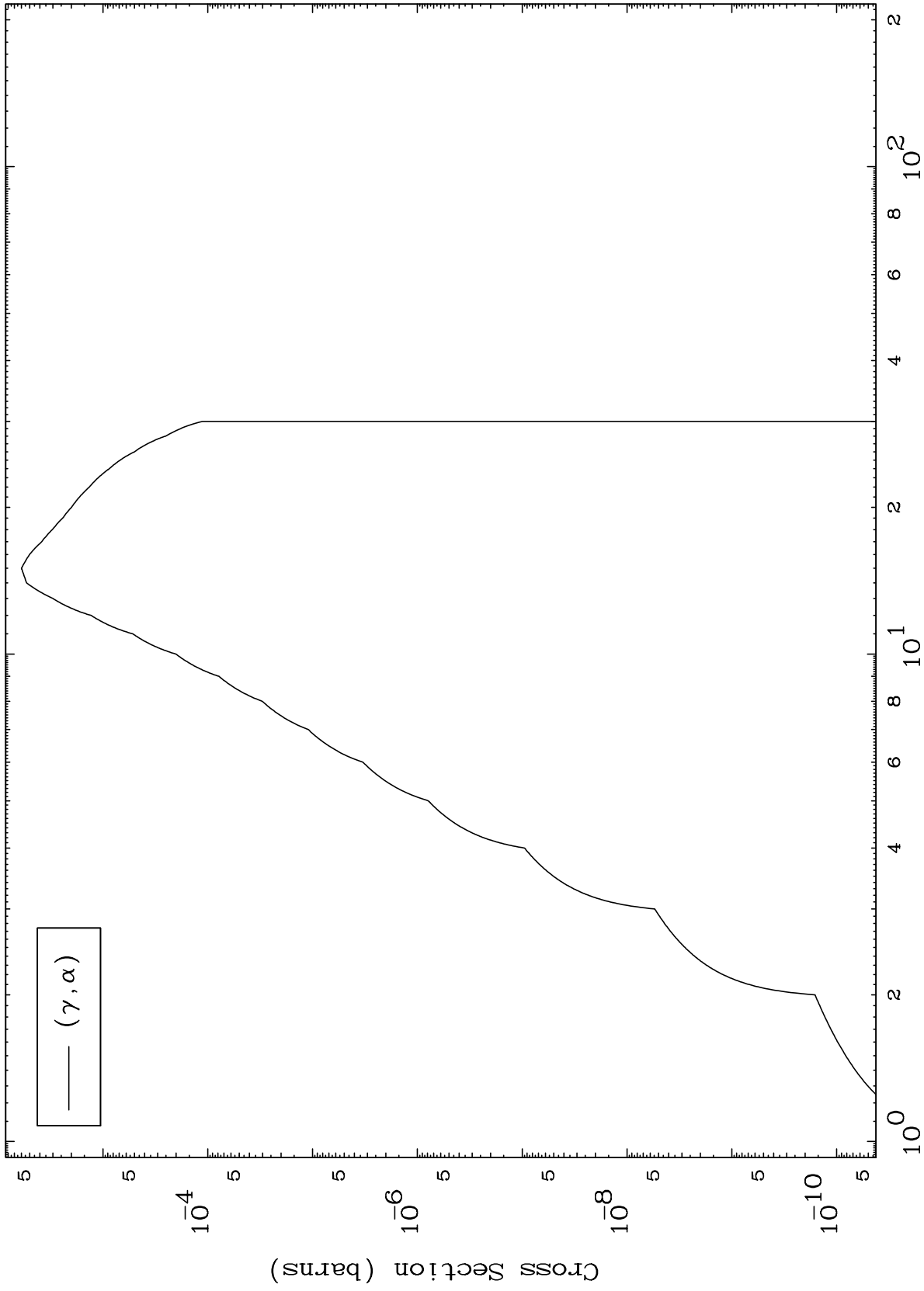
Incident Energy (MeV)

79-Au-177

MAT 7866

(γ, α) Levels
0 Kelvin Cross Sections

79-Au-177



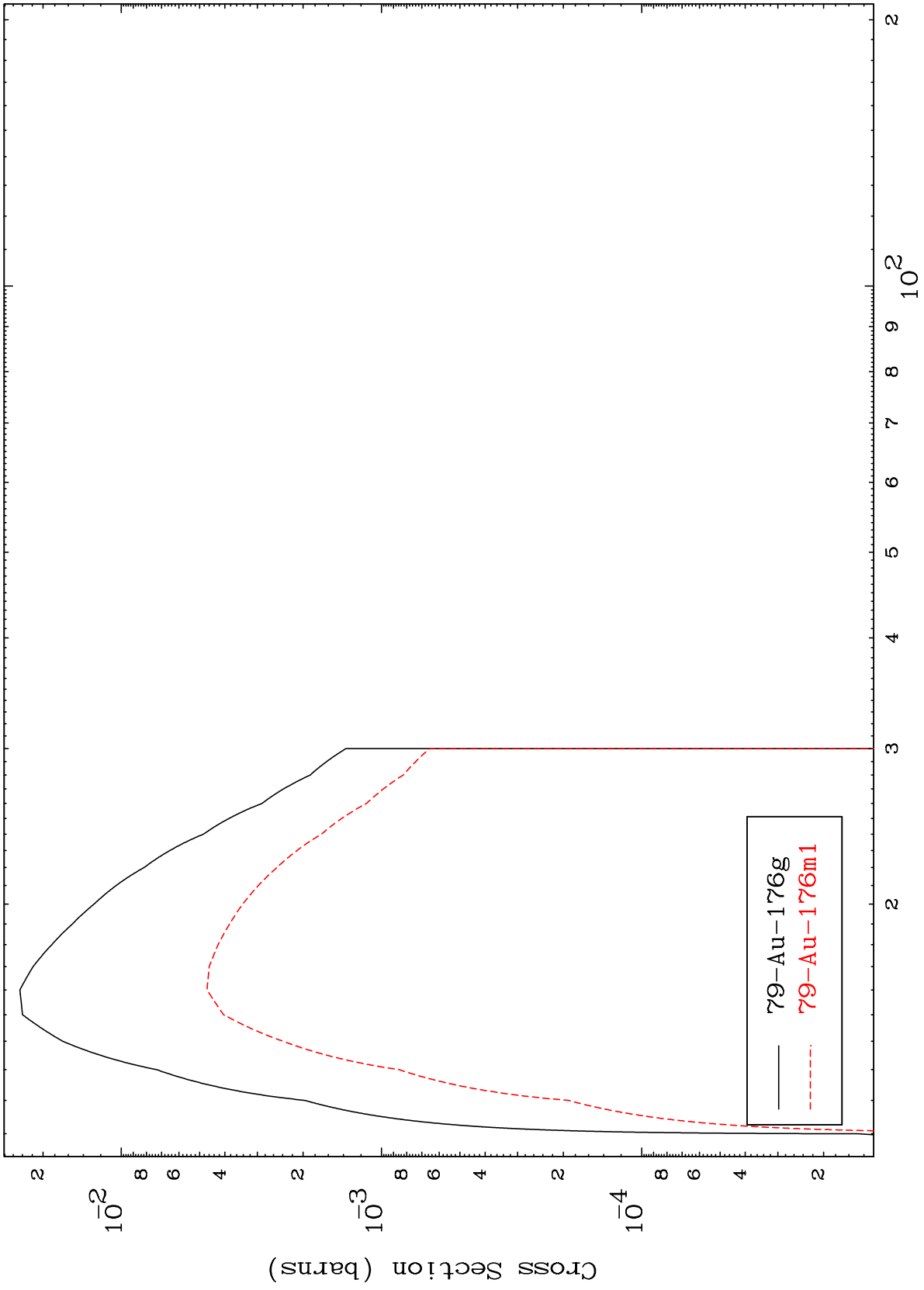
Incident Energy (MeV)

79-Au-177

MAT 7866

Photon Inelastic
Radionuclide Production Cross Section

⁷⁹Au-177



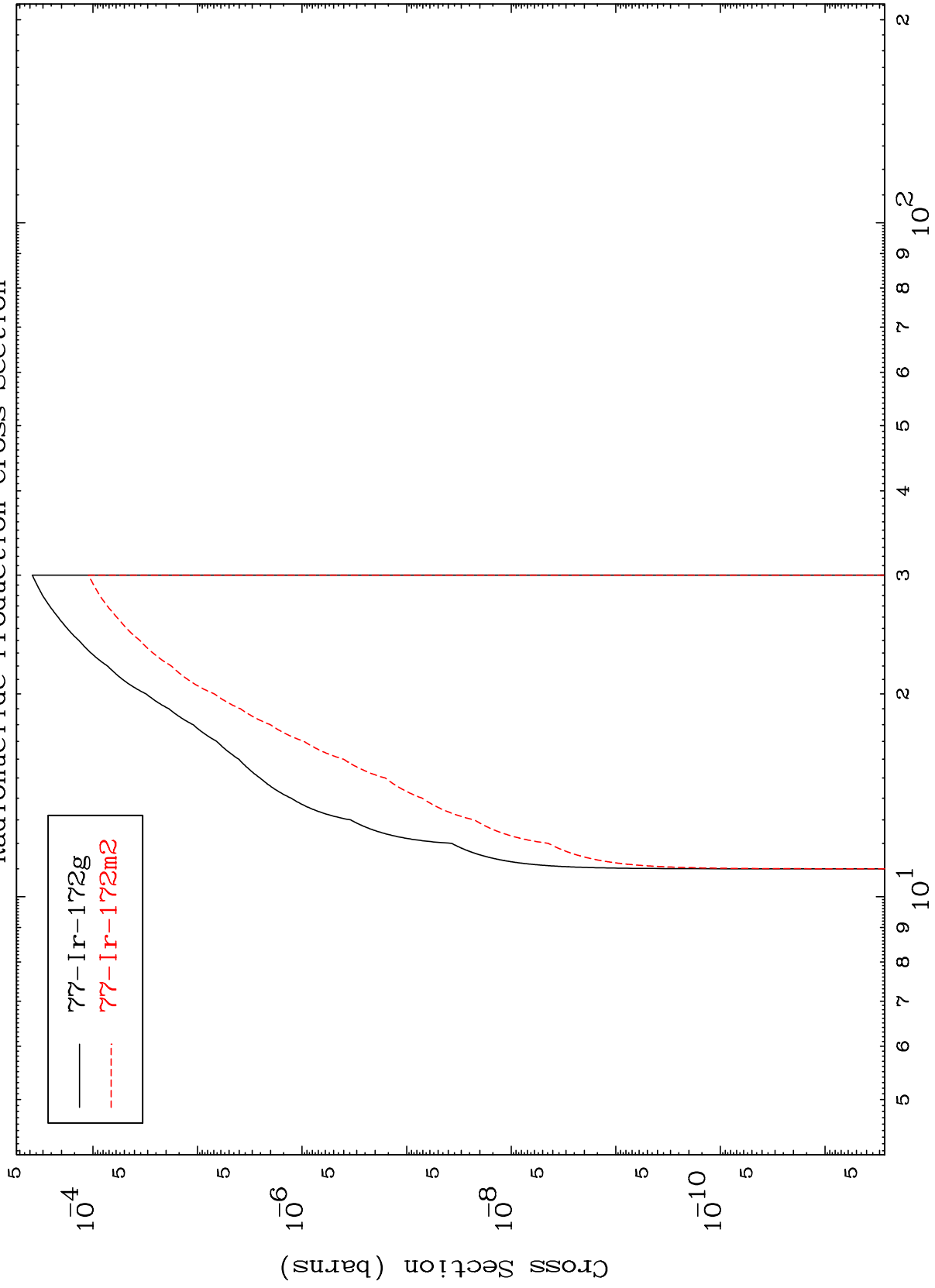
⁷⁹Au-177

MAT 7866

(γ, n') α

⁷⁹Au-177

Radionuclide Production Cross Section



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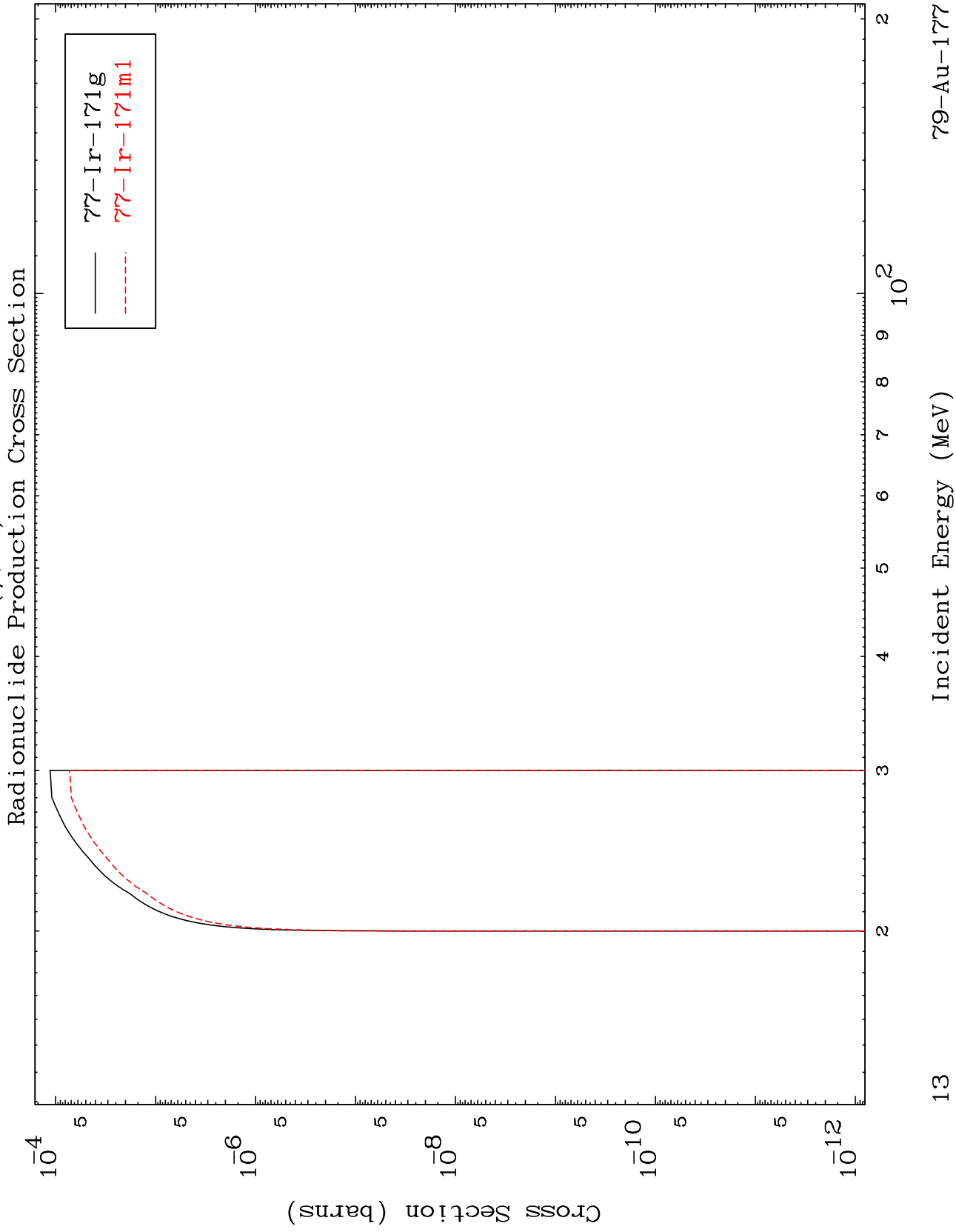
Incident Energy (MeV)

⁷⁹Au-177

MAT 7866

$(\gamma, 2n) \alpha$

⁷⁹Au-177



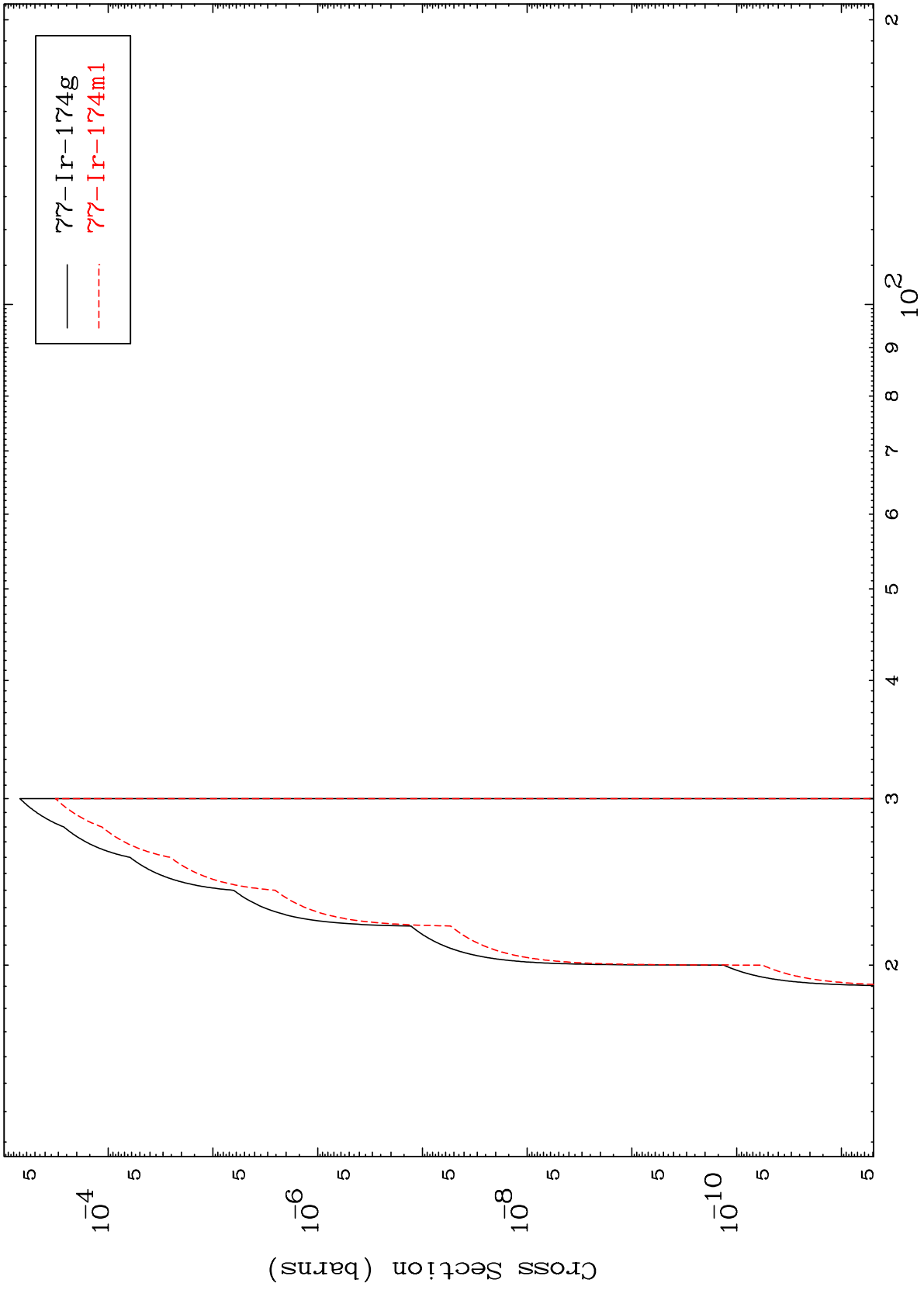
13

MAT 7866

($\gamma, 2n$) p

⁷⁹Au-177

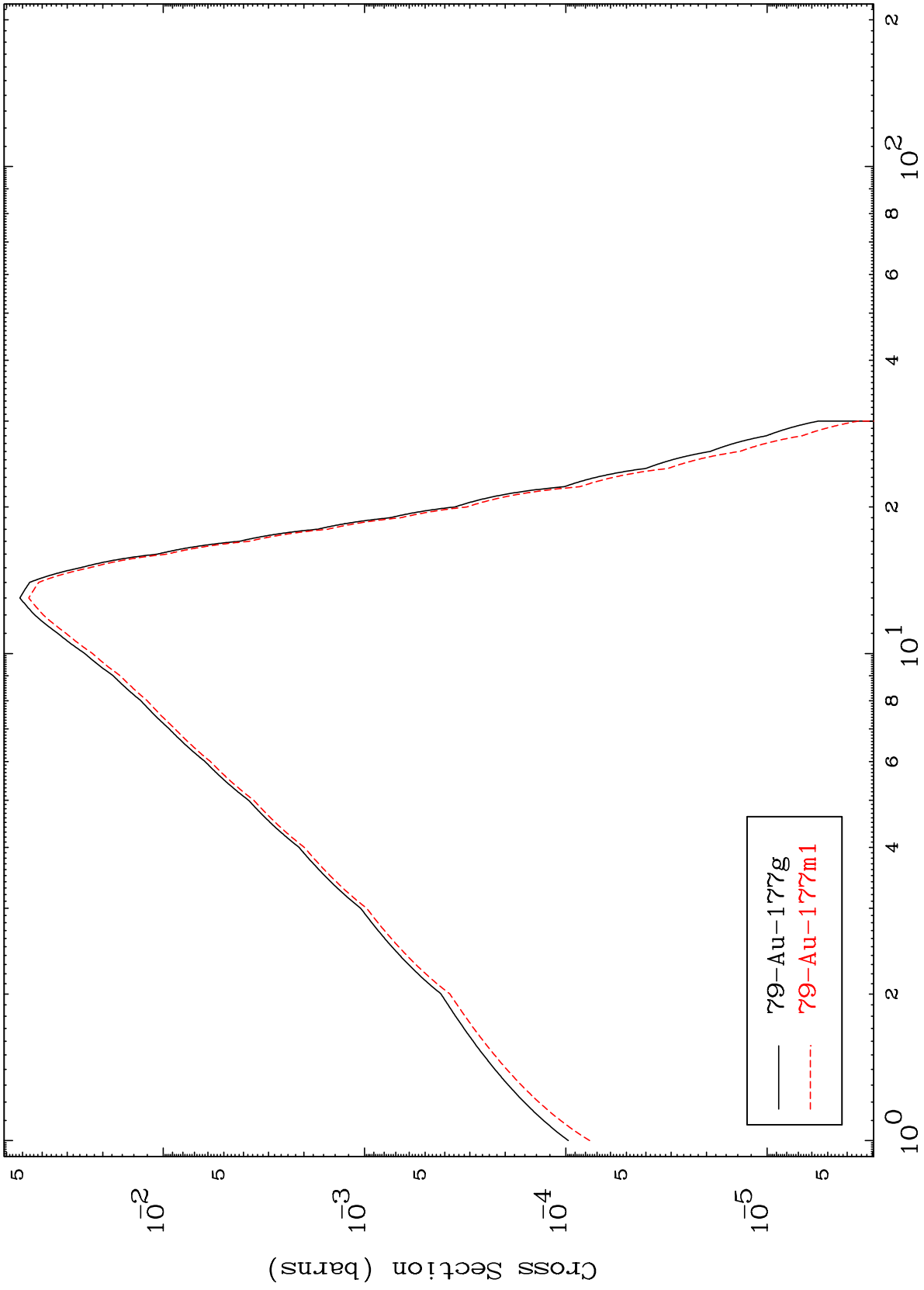
Radionuclide Production Cross Section



MAT 7866

Radionuclide Production Cross Section
(γ, γ)

⁷⁹Au-177



Incident Energy (MeV)

⁷⁹Au-177

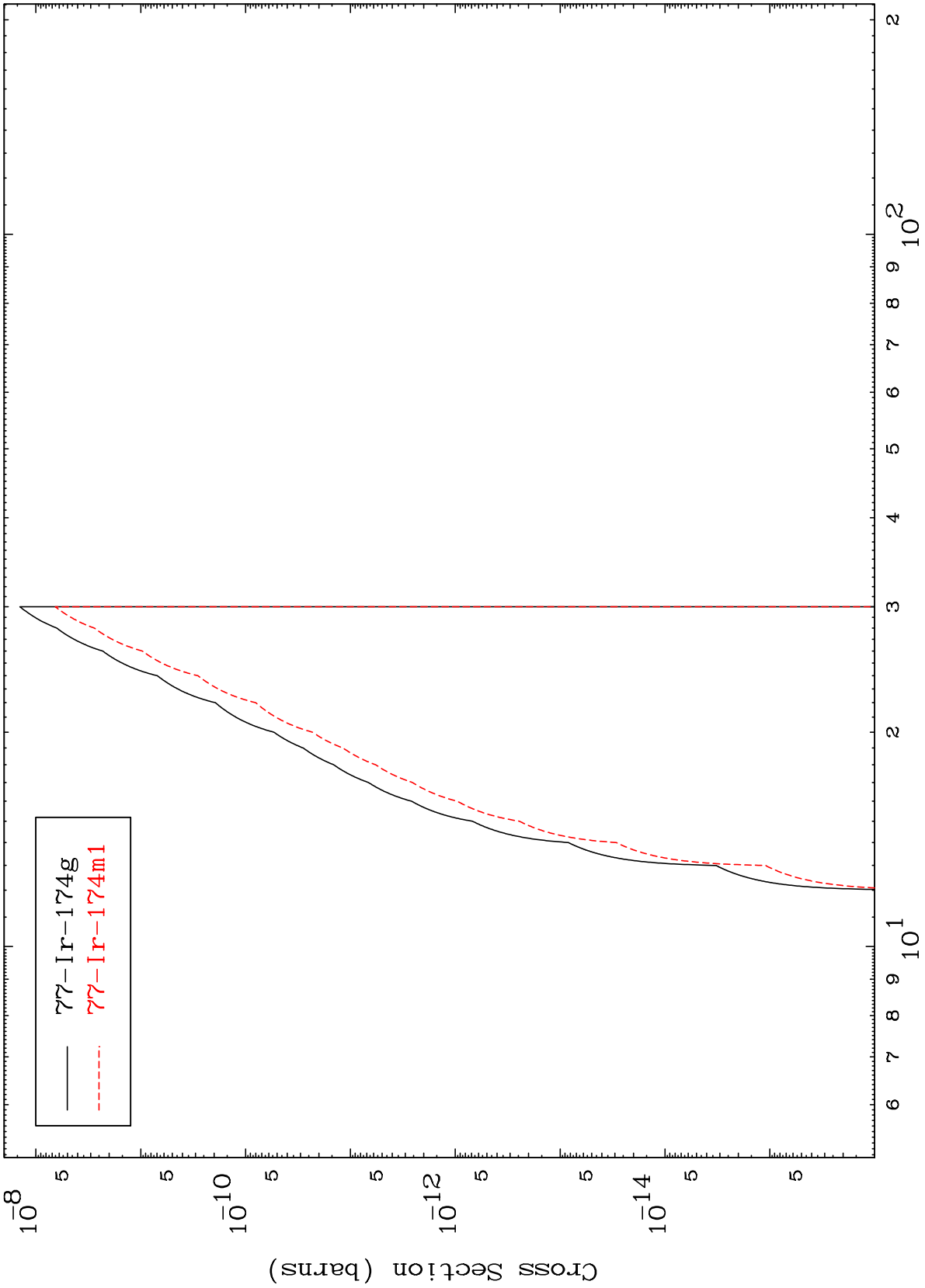
— ⁷⁹Au-177g
- - - ⁷⁹Au-177m1

MAT 7866

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

$^{79}\text{Au-177}$

Radionuclide Production Cross Section



16

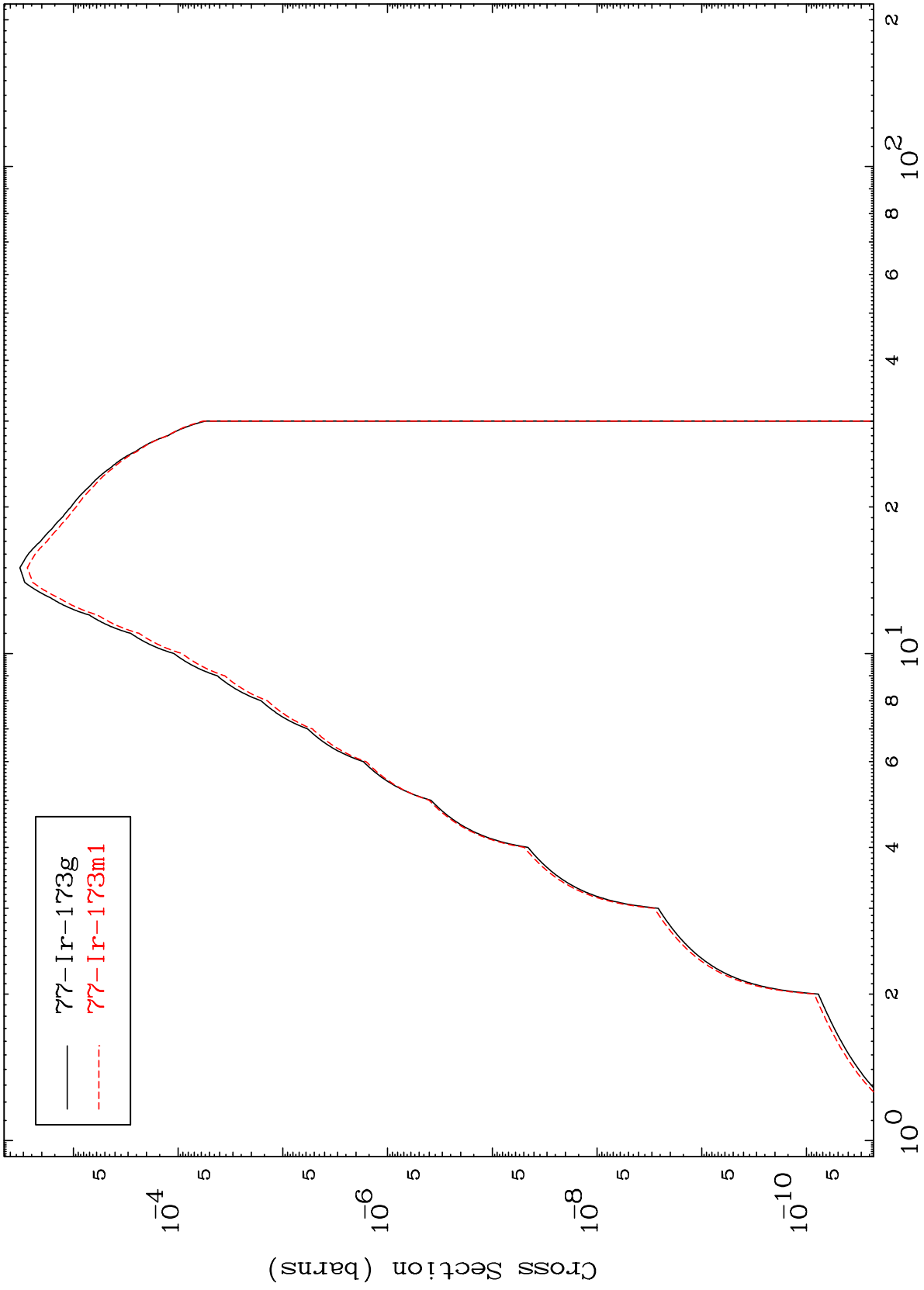
Incident Energy (MeV)

$^{79}\text{Au-177}$

MAT 7866

Radionuclide Production Cross Section
(γ, α)

⁷⁹Au-177



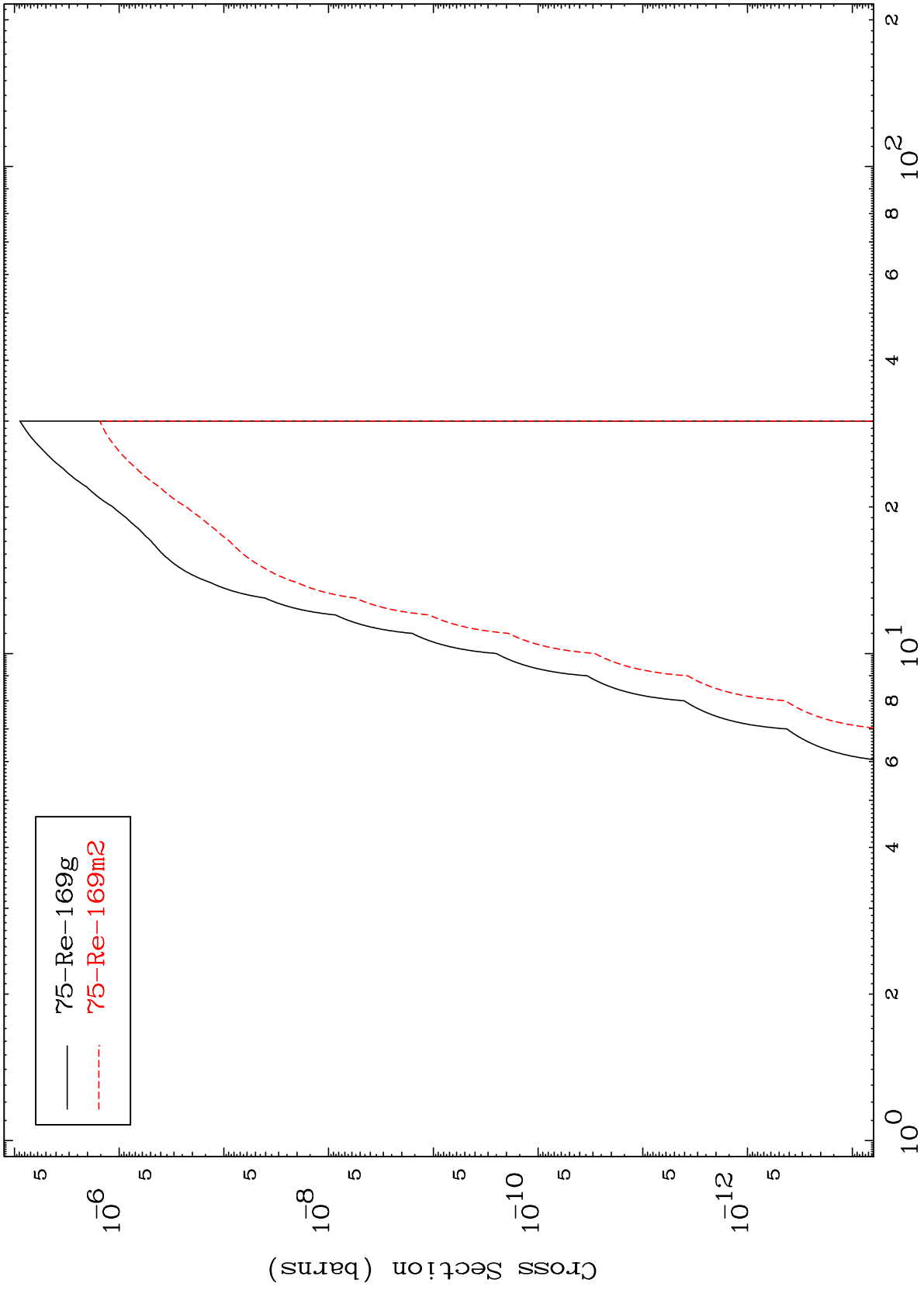
Incident Energy (MeV)

⁷⁹Au-177

MAT 7866

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

$^{79}\text{Au-177}$



18

Incident Energy (MeV)

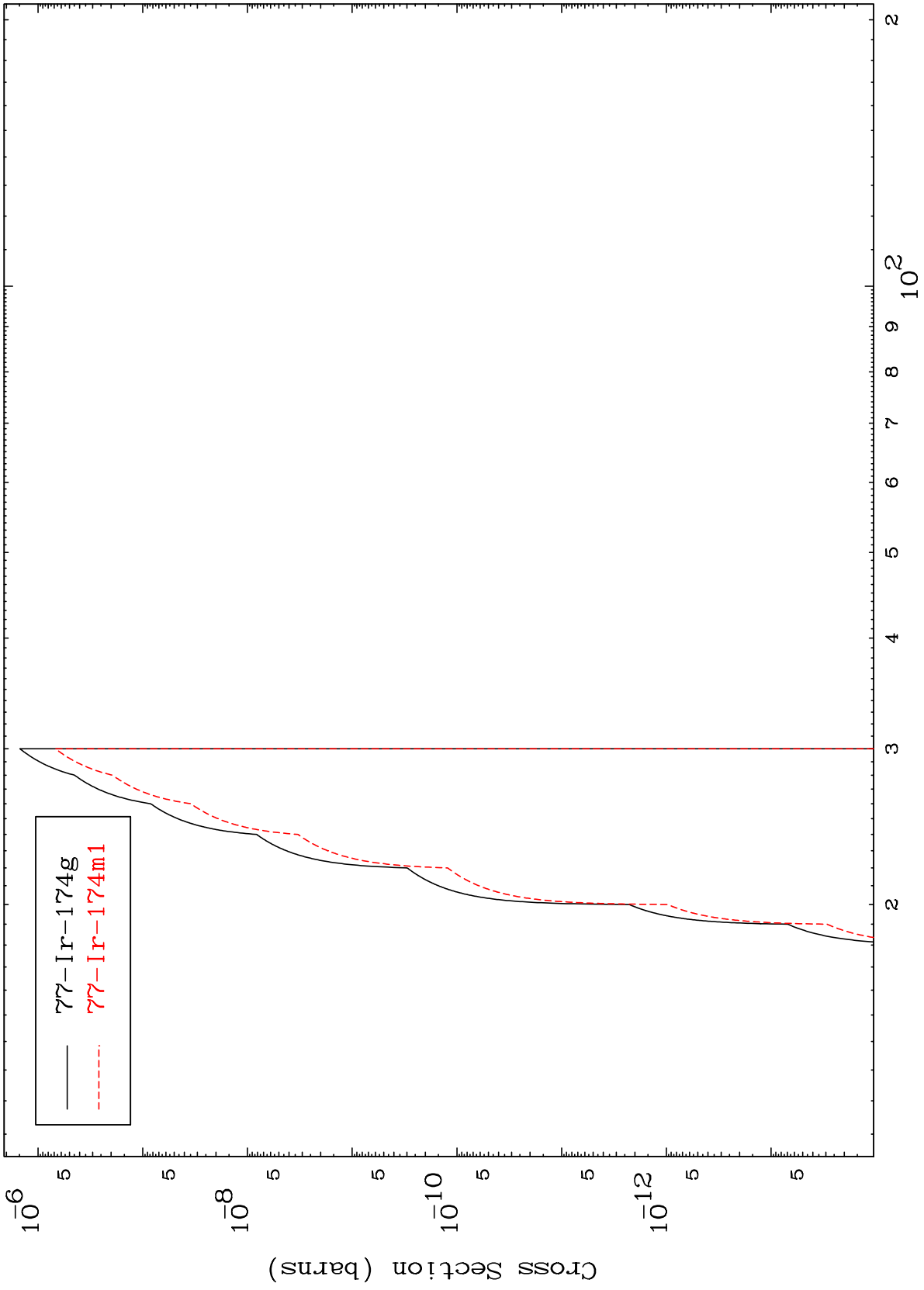
$^{79}\text{Au-177}$

MAT 7866

(γ, p) d

⁷⁹Au-177

Radionuclide Production Cross Section



19

Incident Energy (MeV)

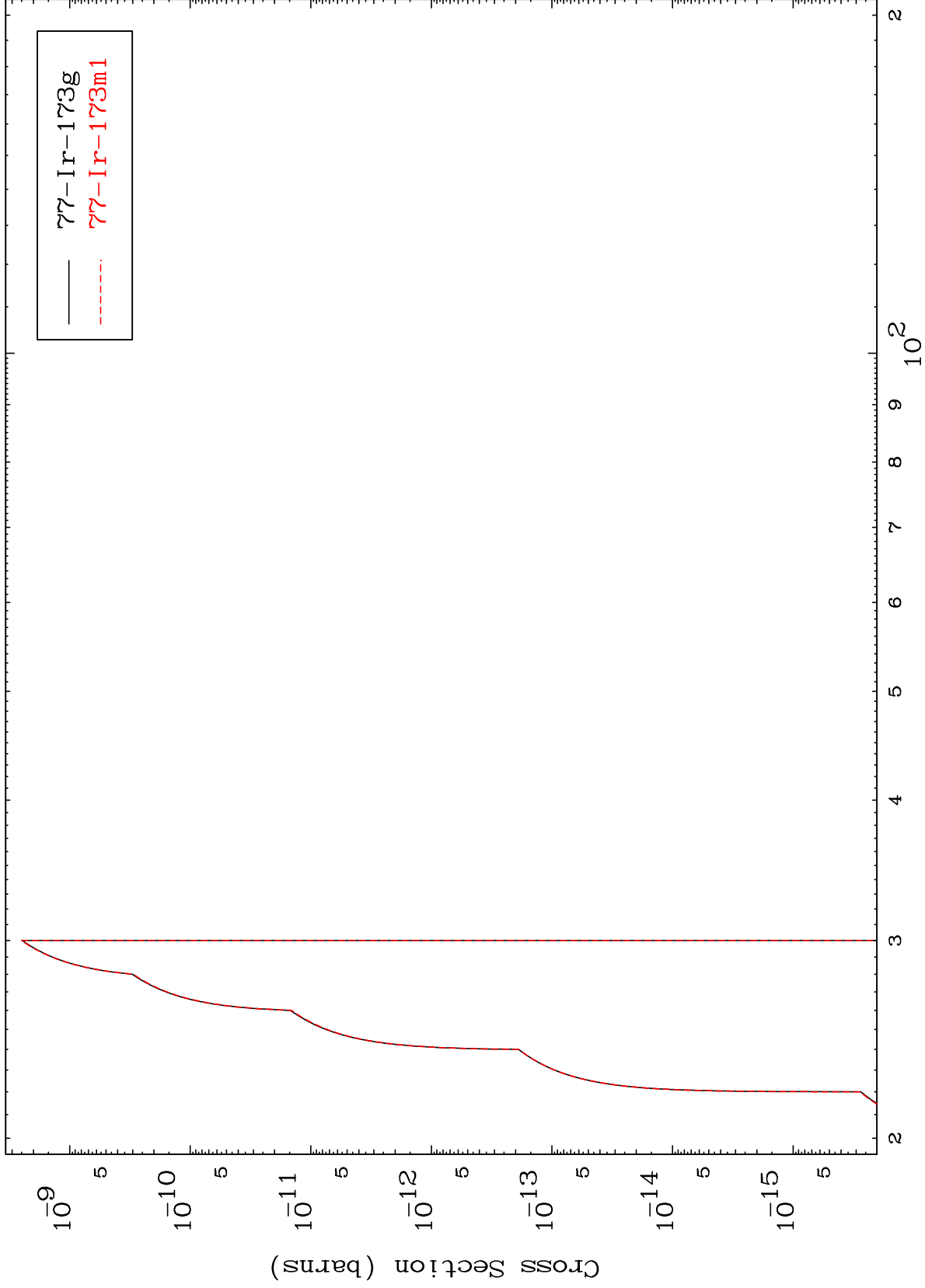
⁷⁹Au-177

MAT 7866

(γ, p) t

79-Au-177

Radionuclide Production Cross Section



20

Incident Energy (MeV)

79-Au-177