

Program EVALPLOT
(Version 2021-1)

by

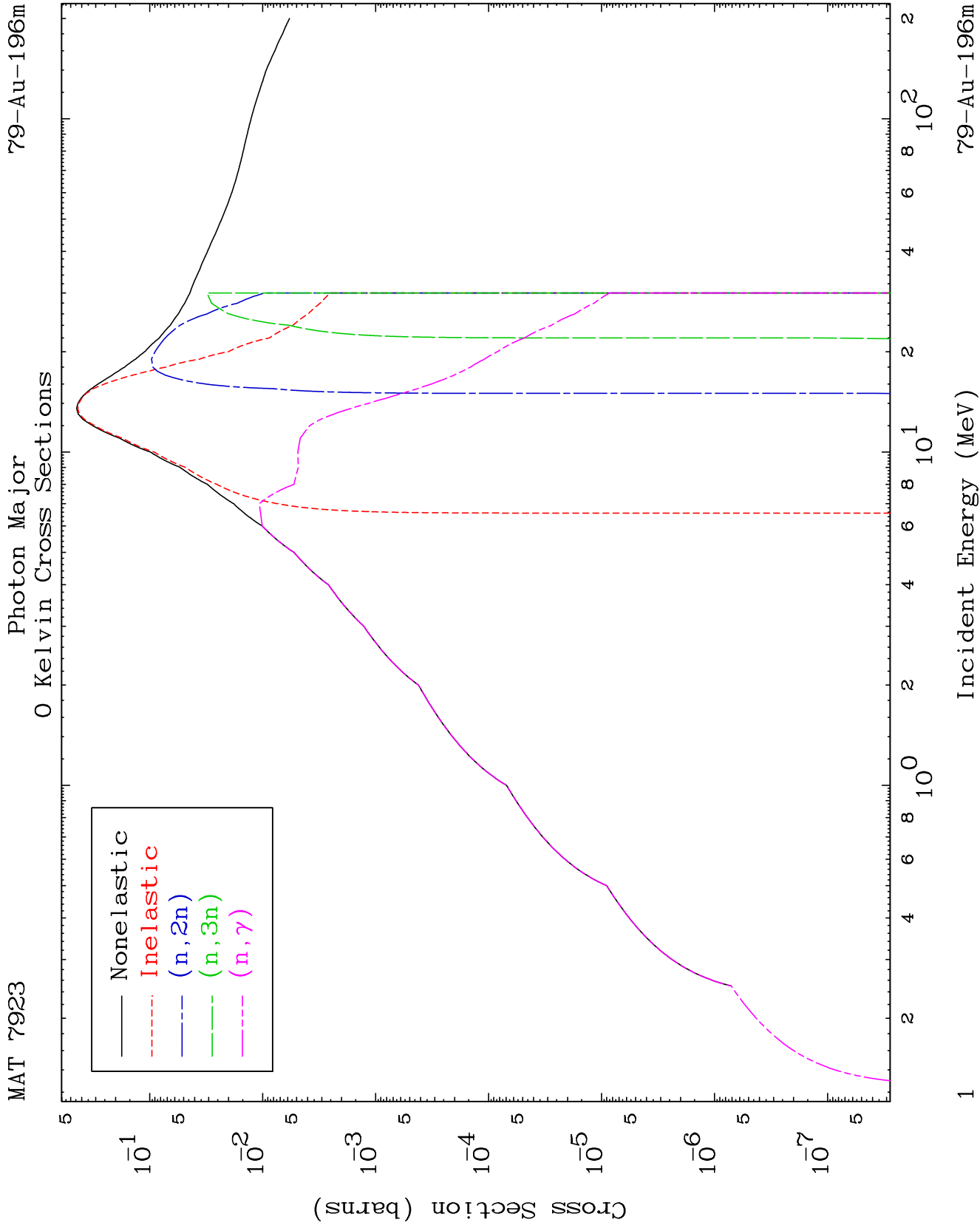
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

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

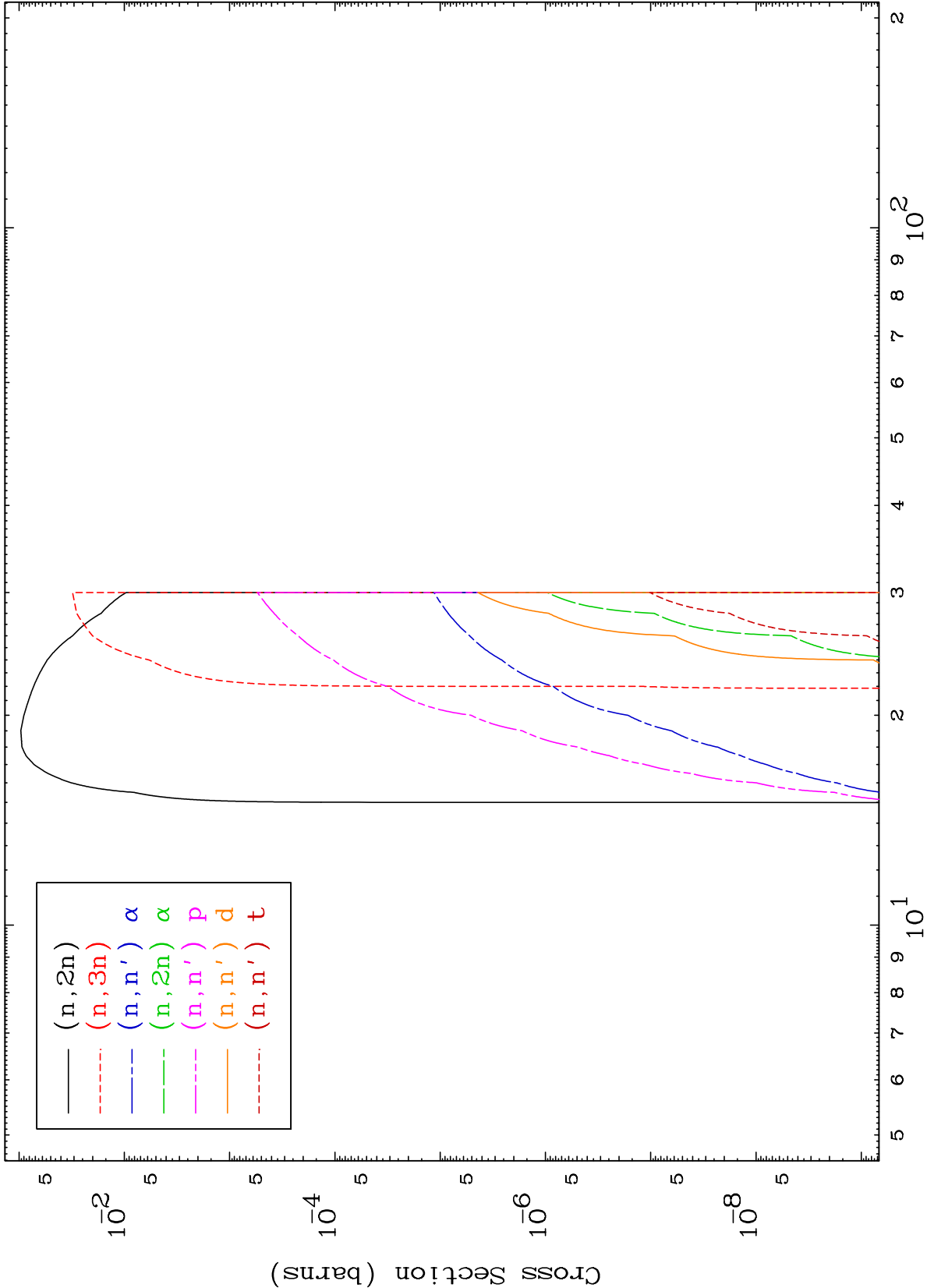
Press Mouse Button to Start

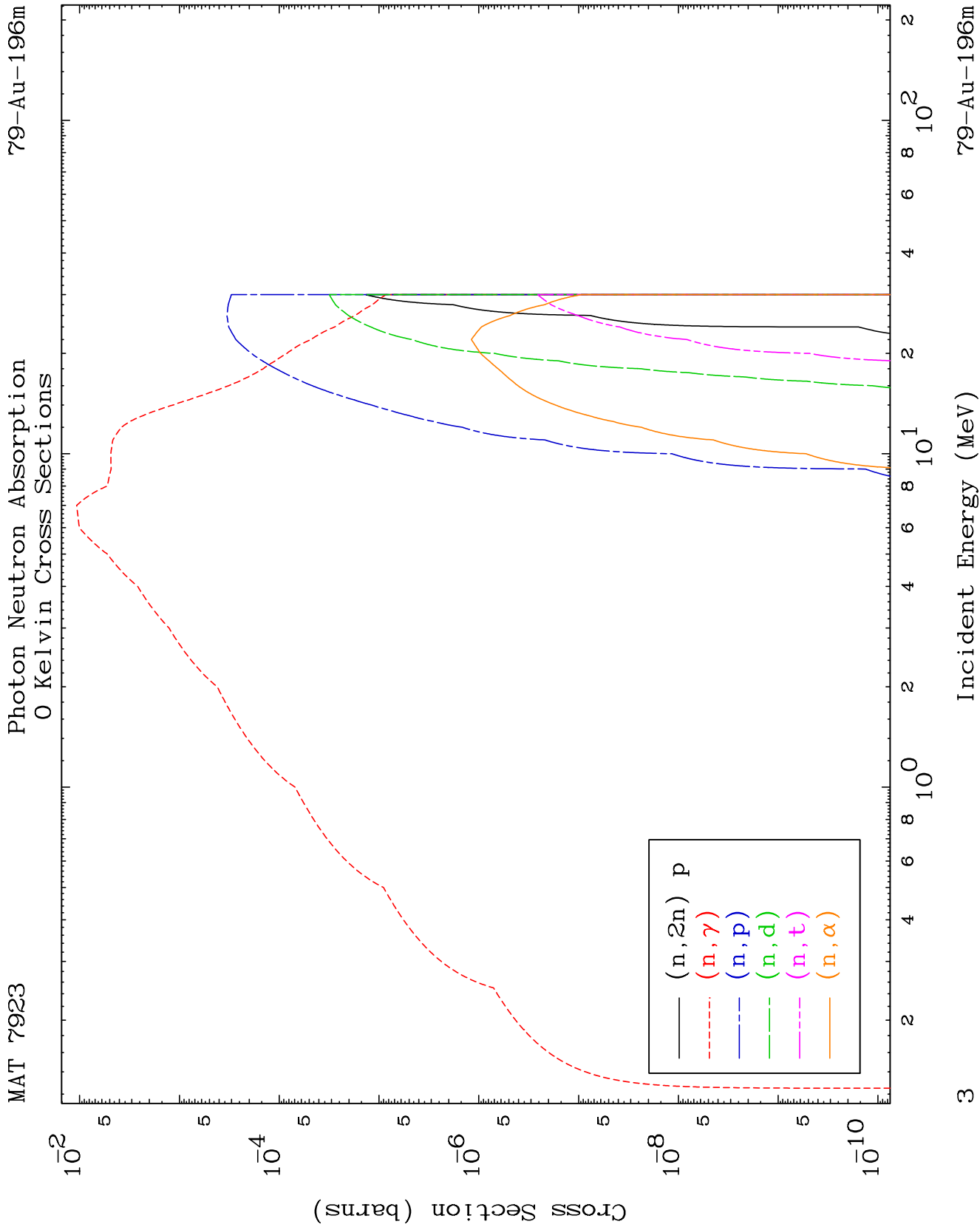


MAT 7923

Photon Neutron Absorption
0 Kelvin Cross Sections

79-Au-196m

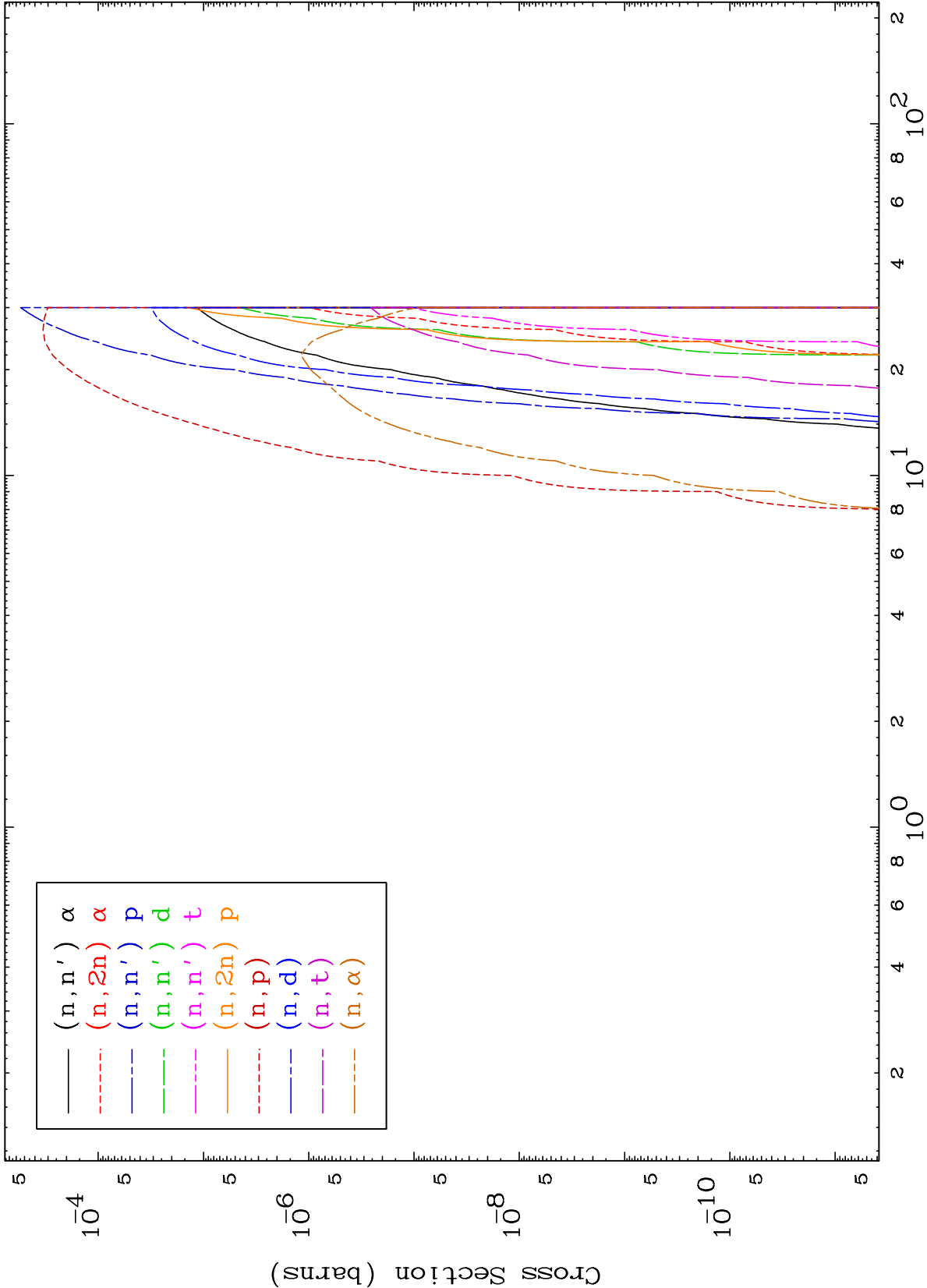


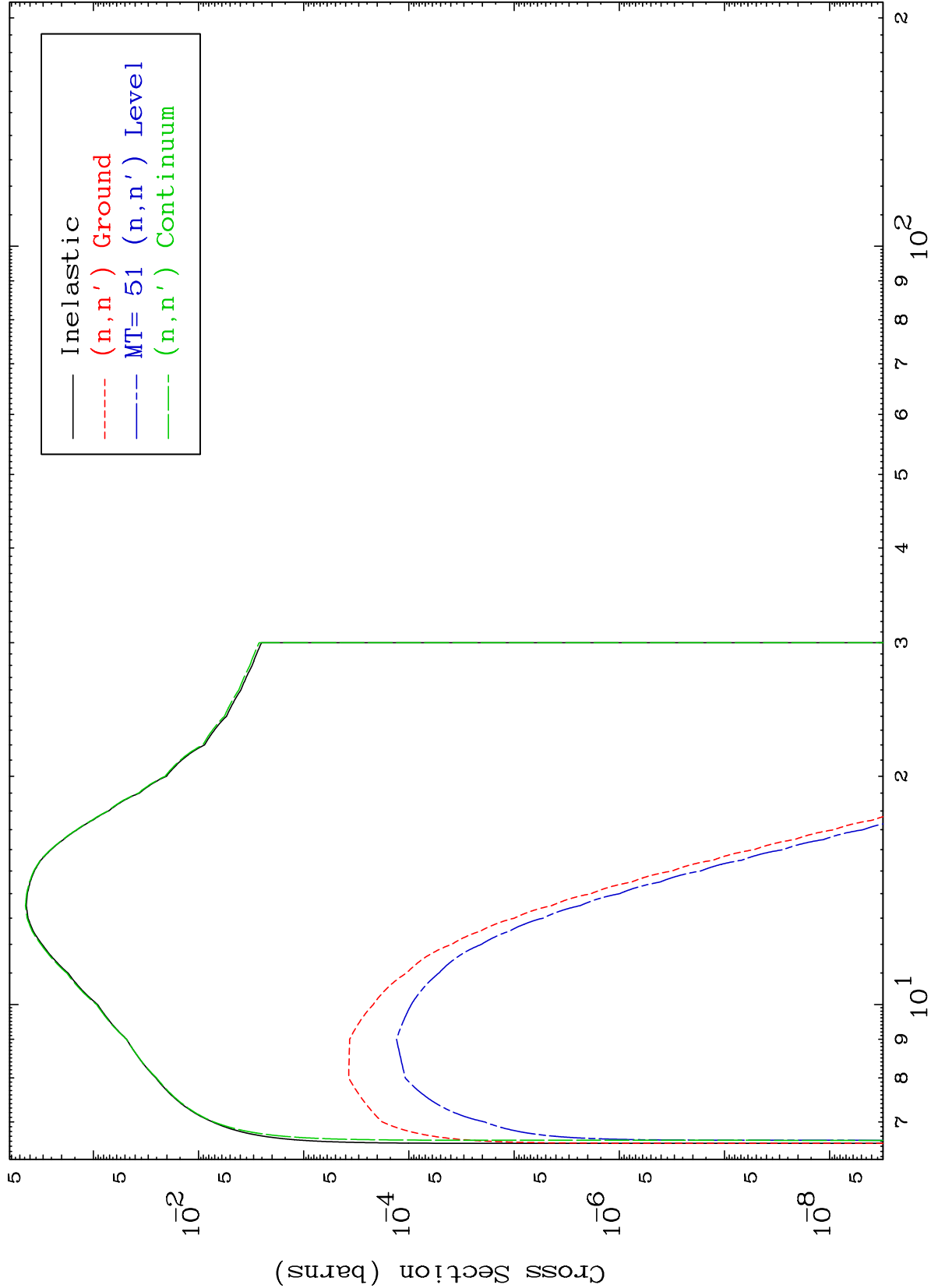


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Photon Charged Particle
0 Kelvin Cross Sections

79-Au-196m



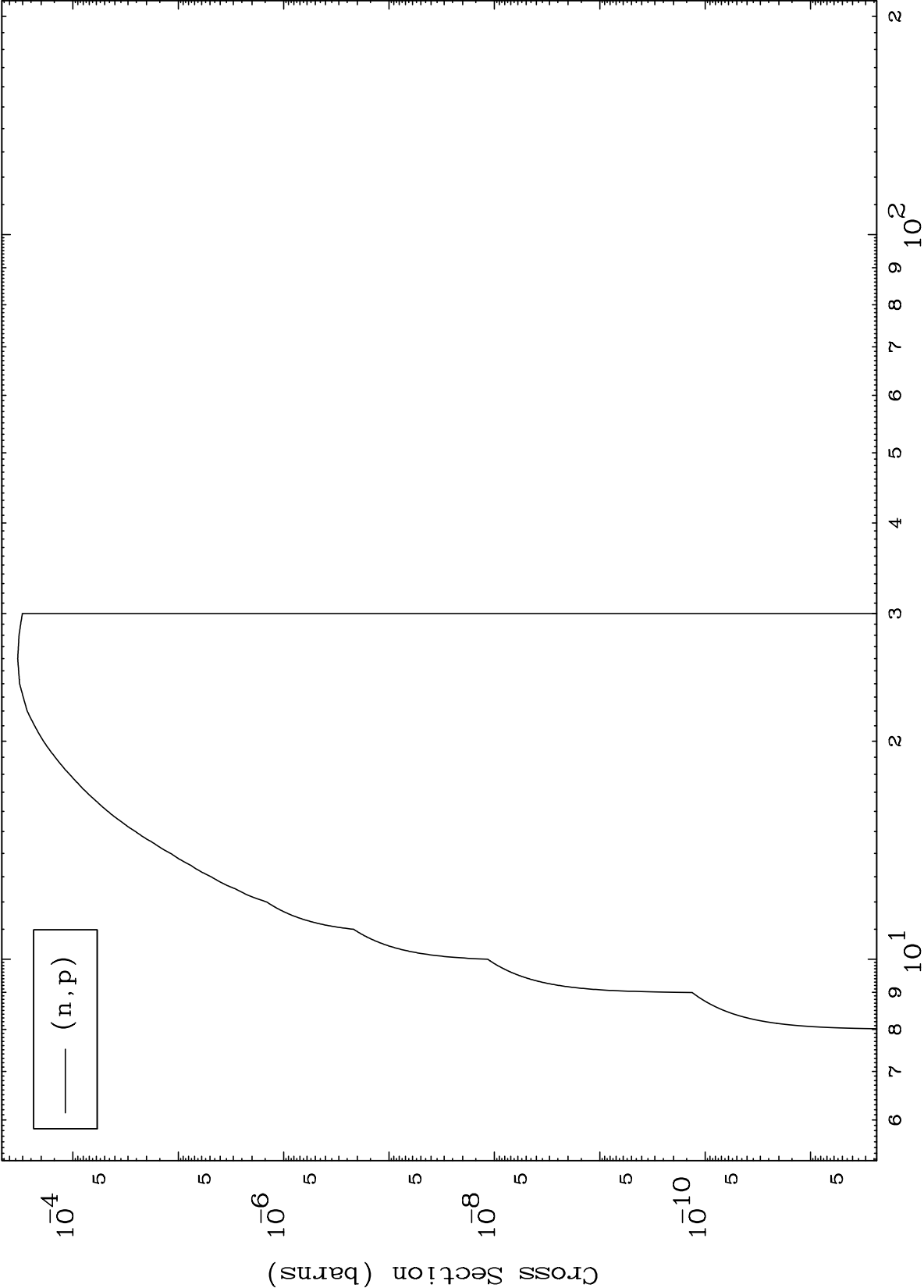


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(γ, p) Levels

79-Au-196m

0 Kelvin Cross Sections



6

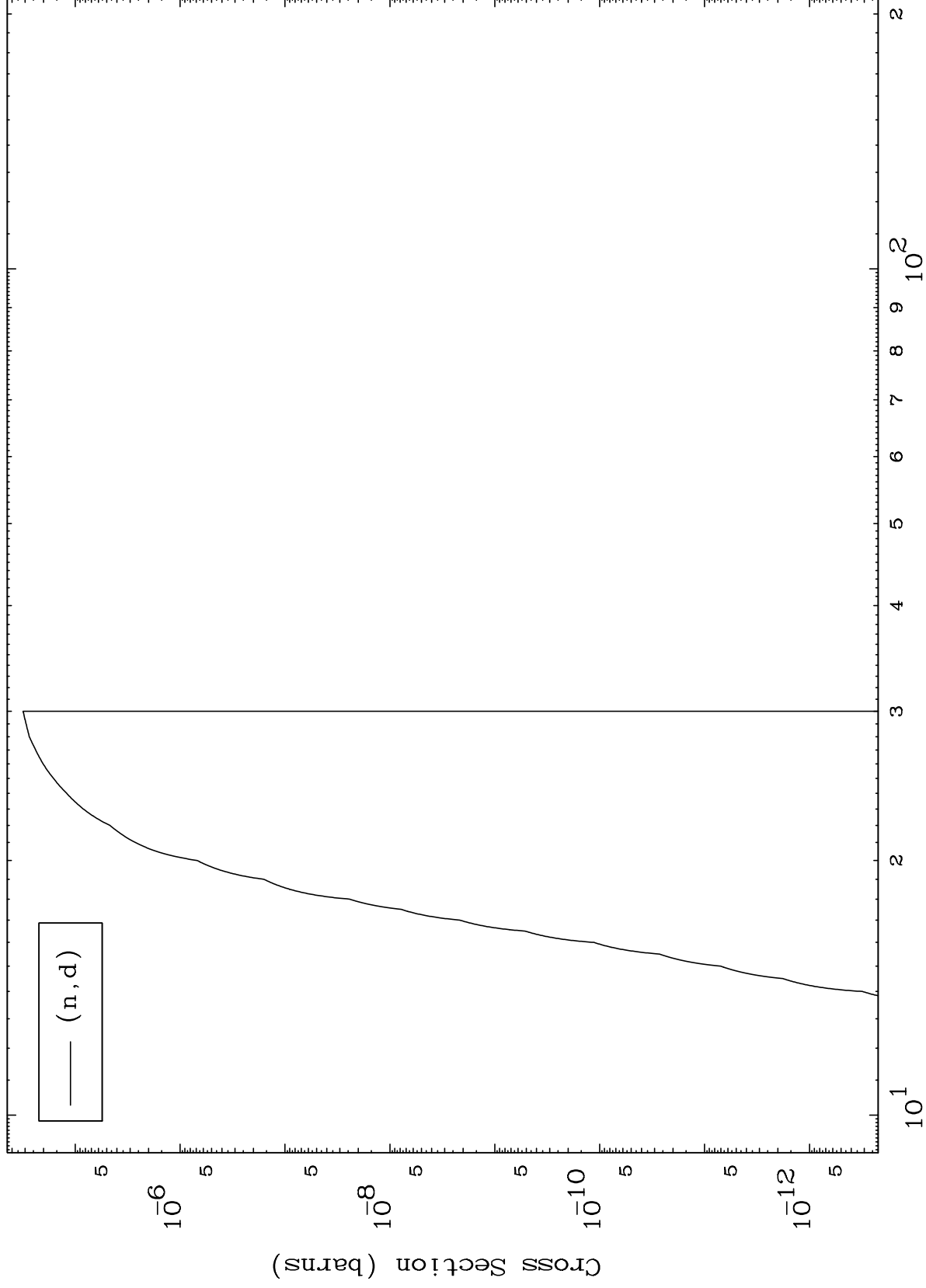
Incident Energy (MeV)

79-Au-196m

MAT 7923

79-Au-196m

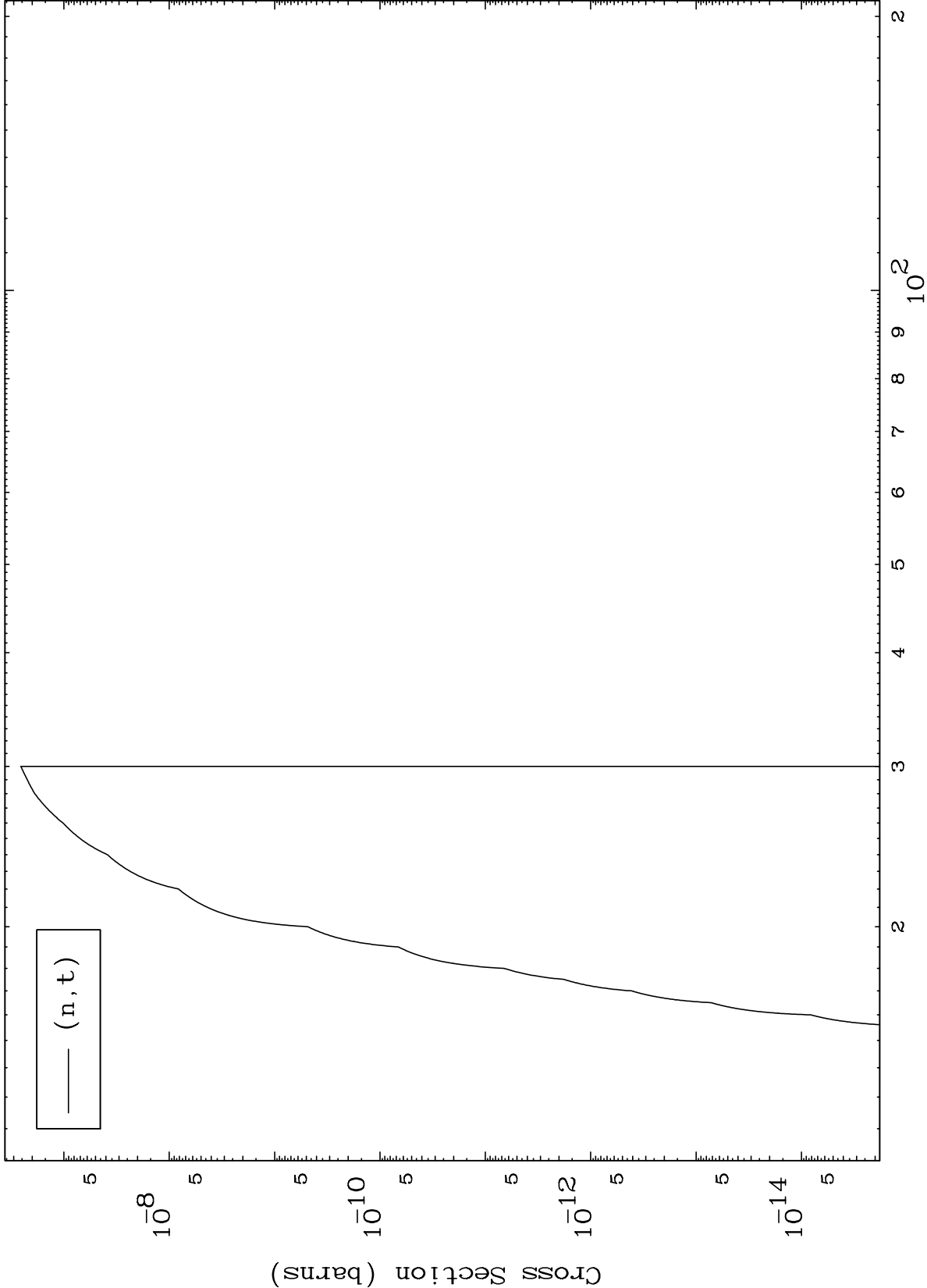
(γ, d) Levels
0 Kelvin Cross Sections

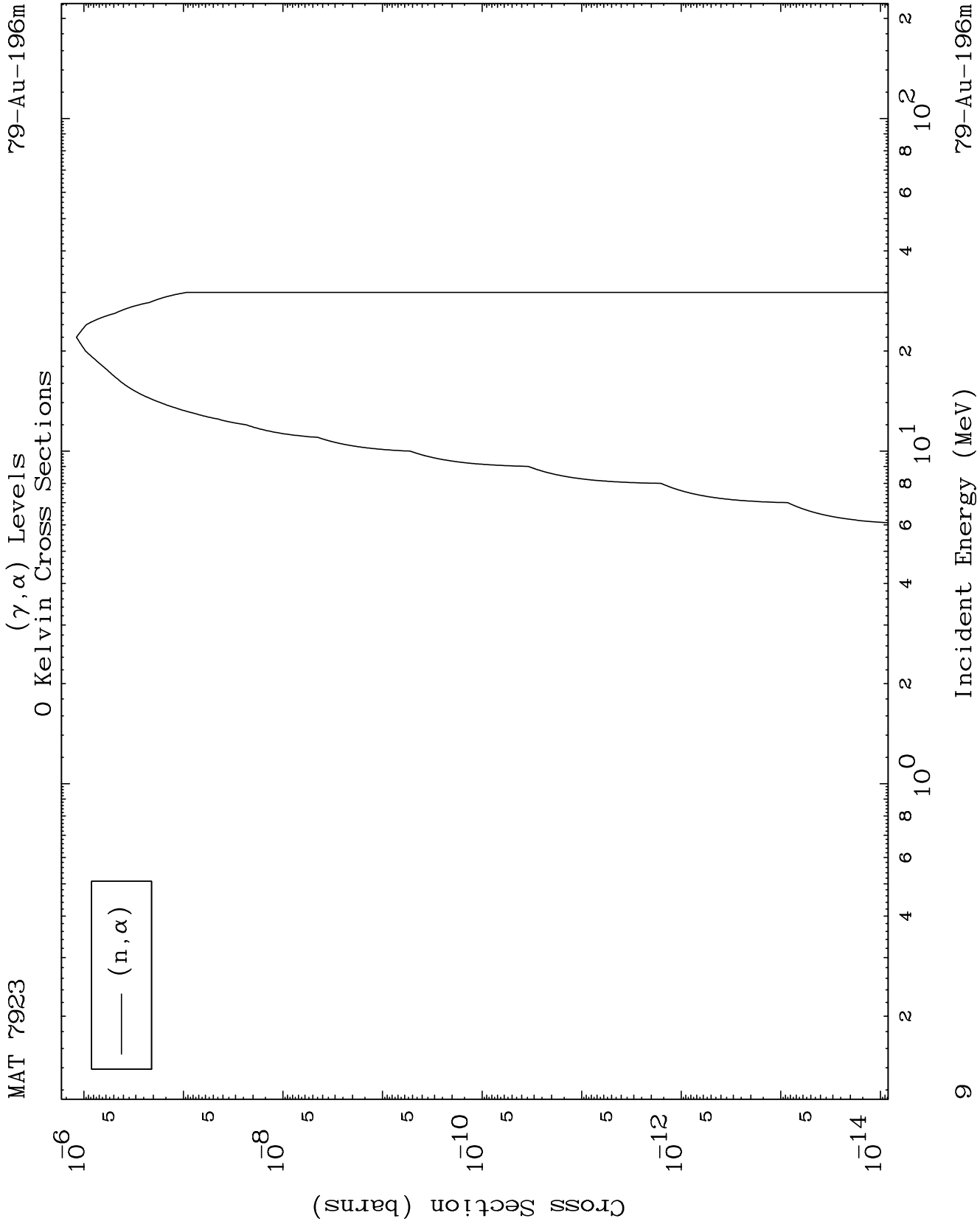


79-Au-196m

Incident Energy (MeV)

7

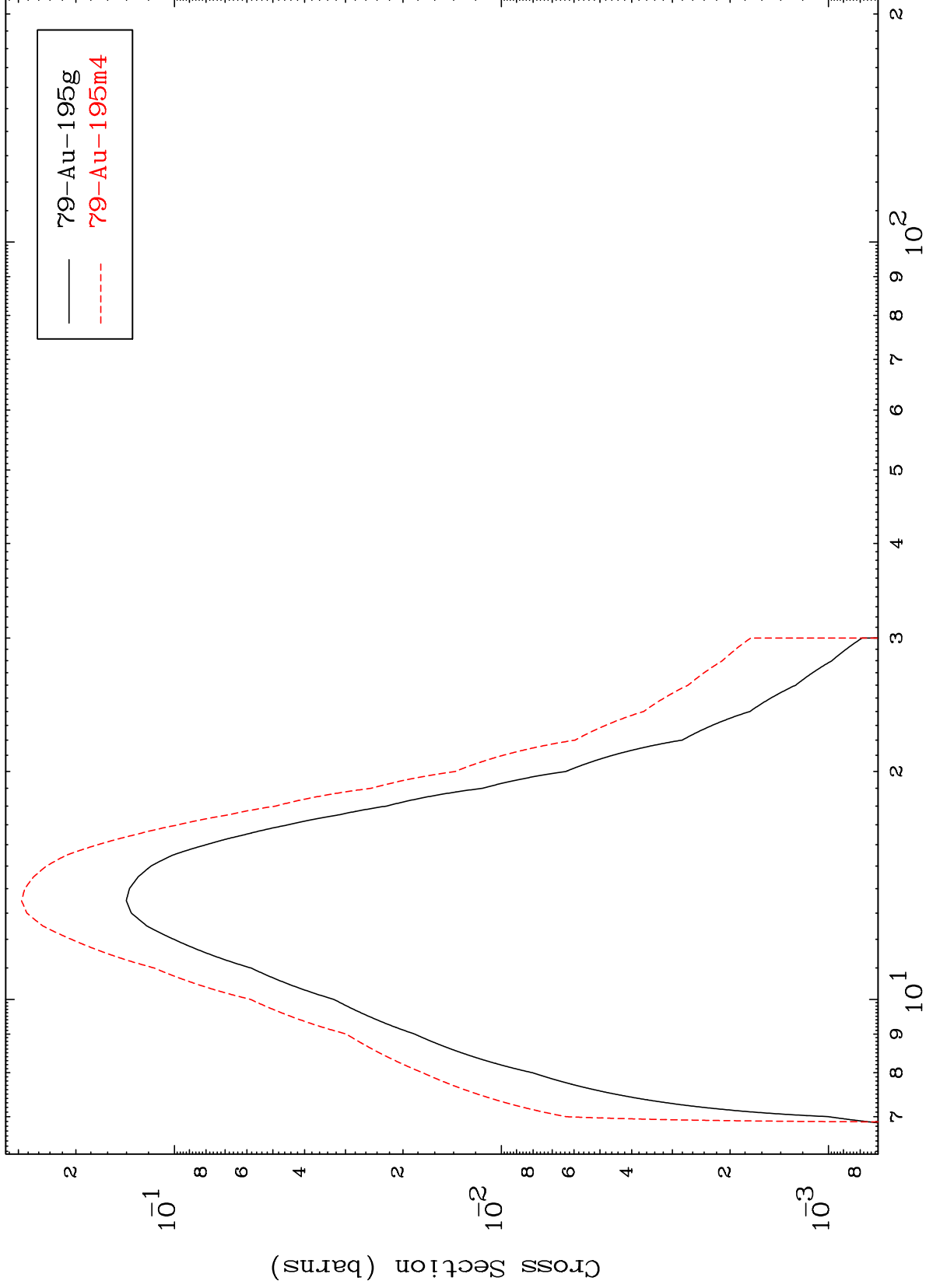




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⁷⁹Au-196m

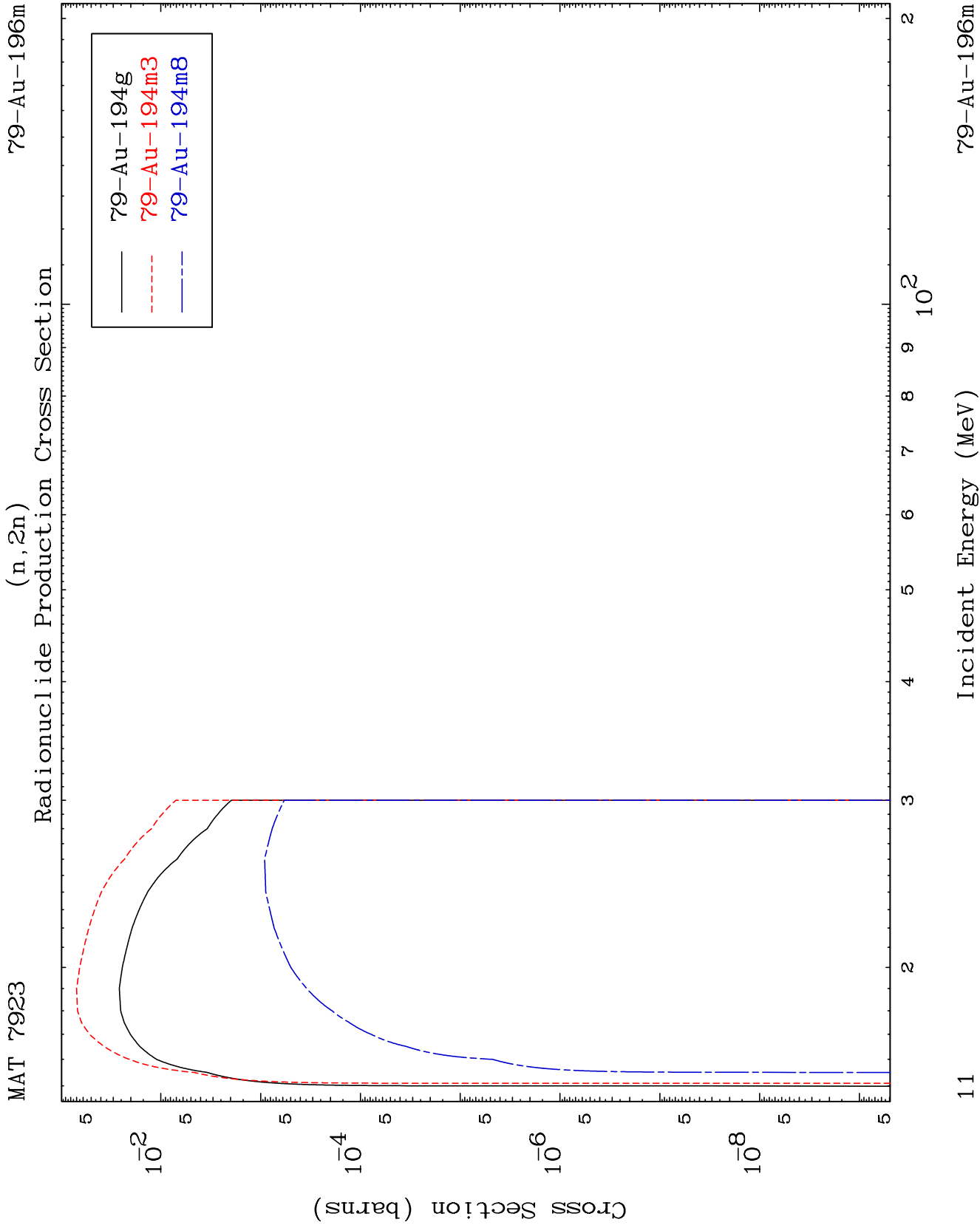
Inelastic
Radionuclide Production Cross Section



⁷⁹Au-196m

Incident Energy (MeV)

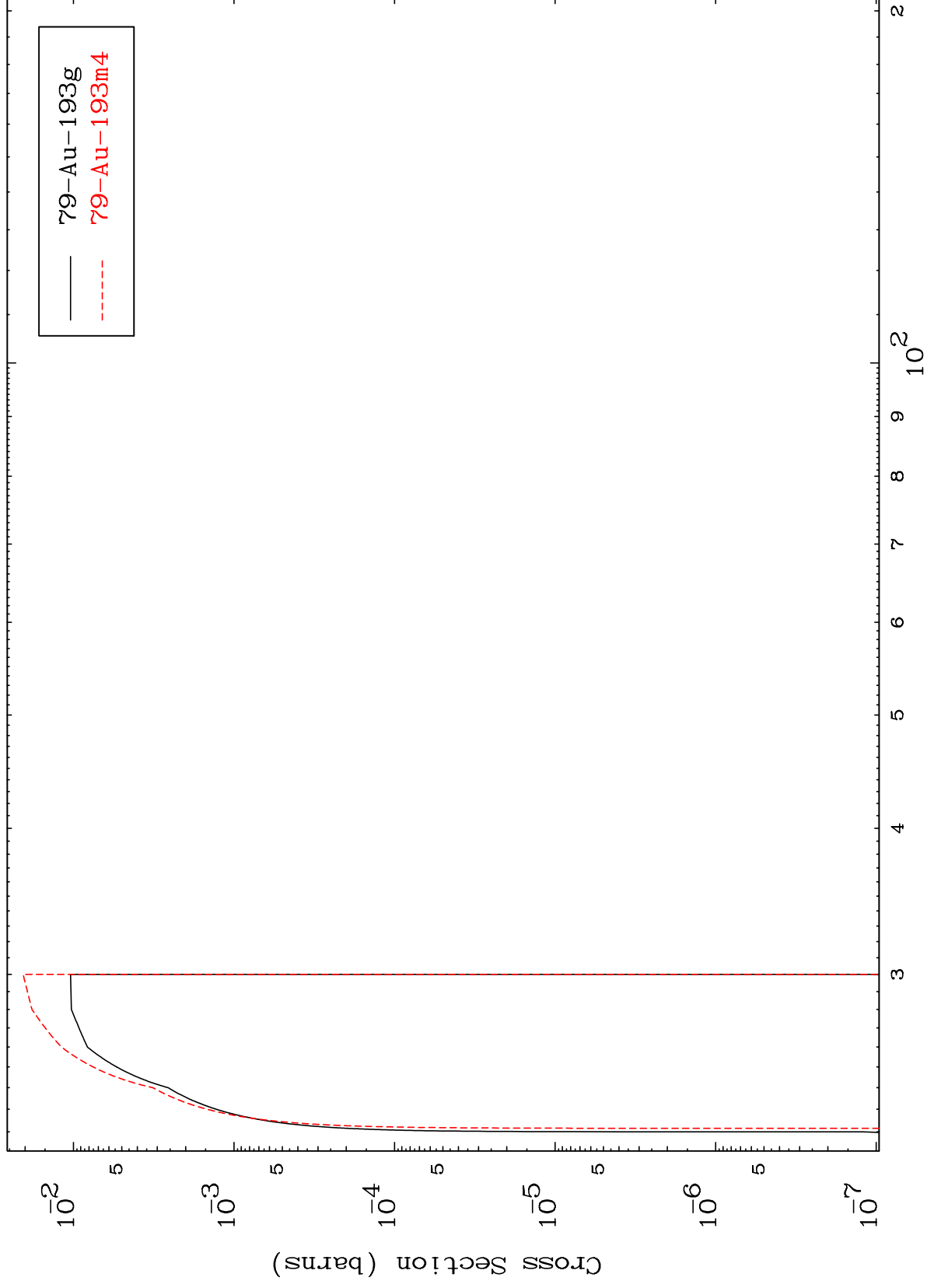
10



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⁷⁹Au-196m

(n,3n)
Radionuclide Production Cross Section



⁷⁹Au-196m

Incident Energy (MeV)

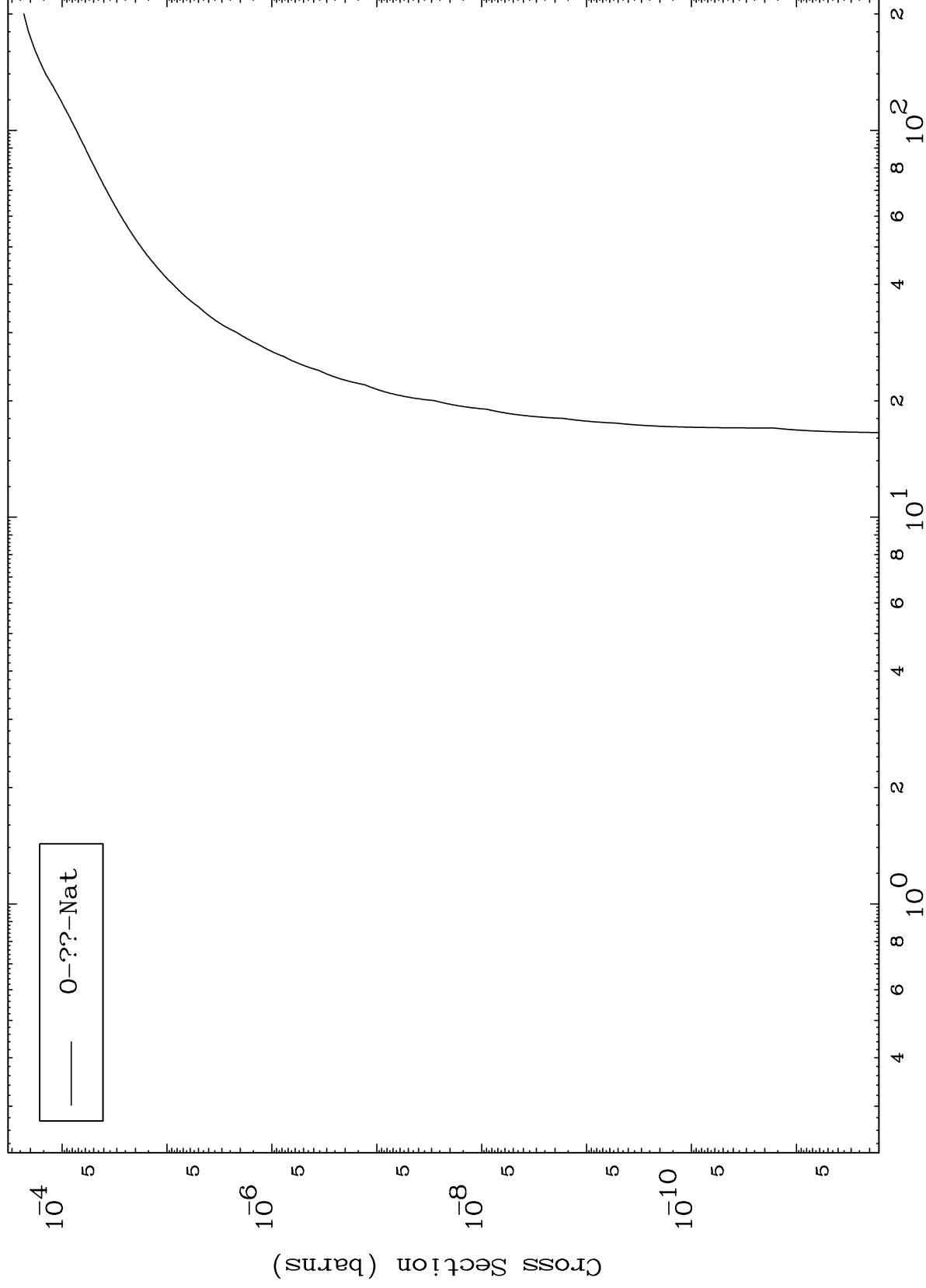
12

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Fission

⁷⁹Au-196m

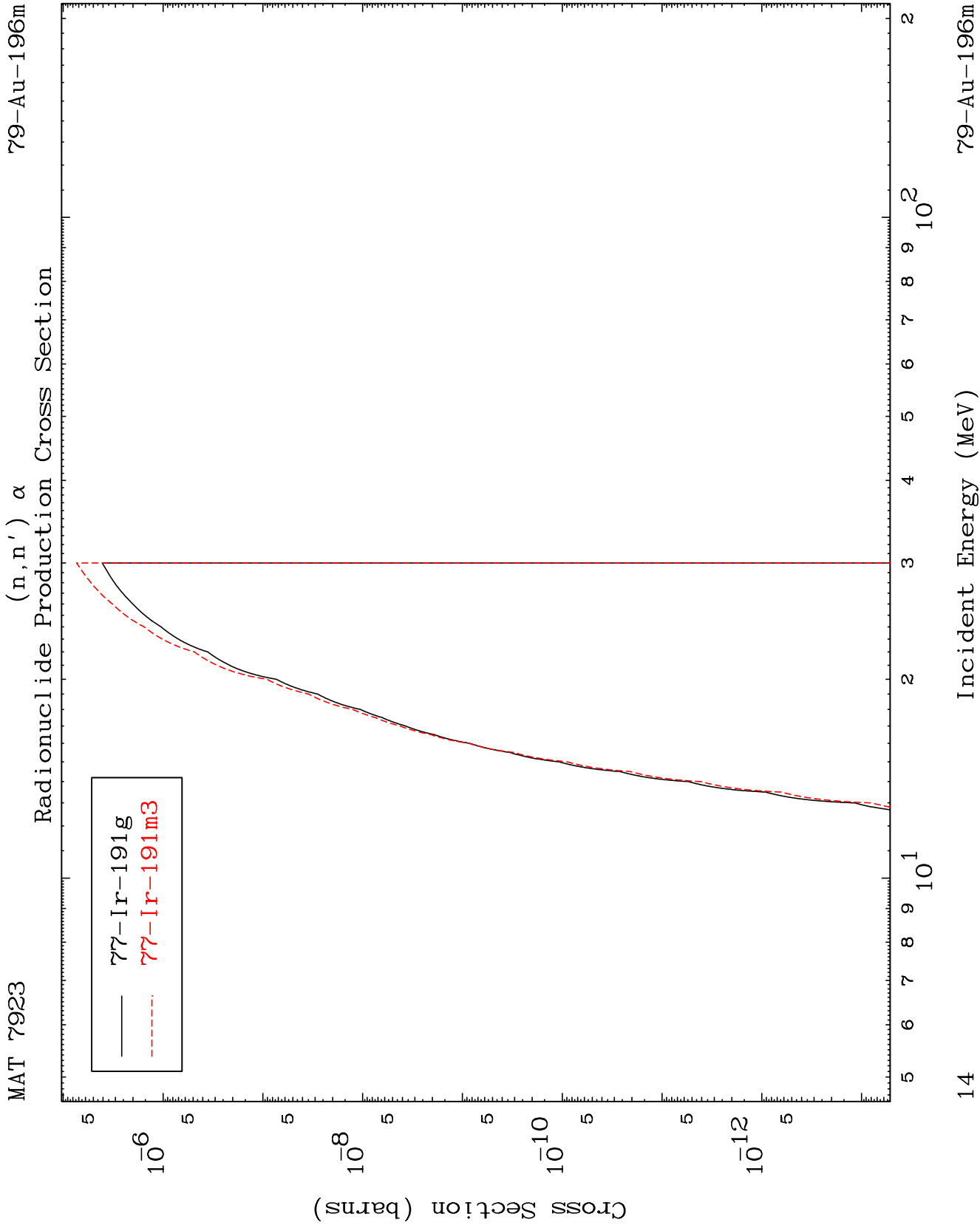
Radionuclide Production Cross Section

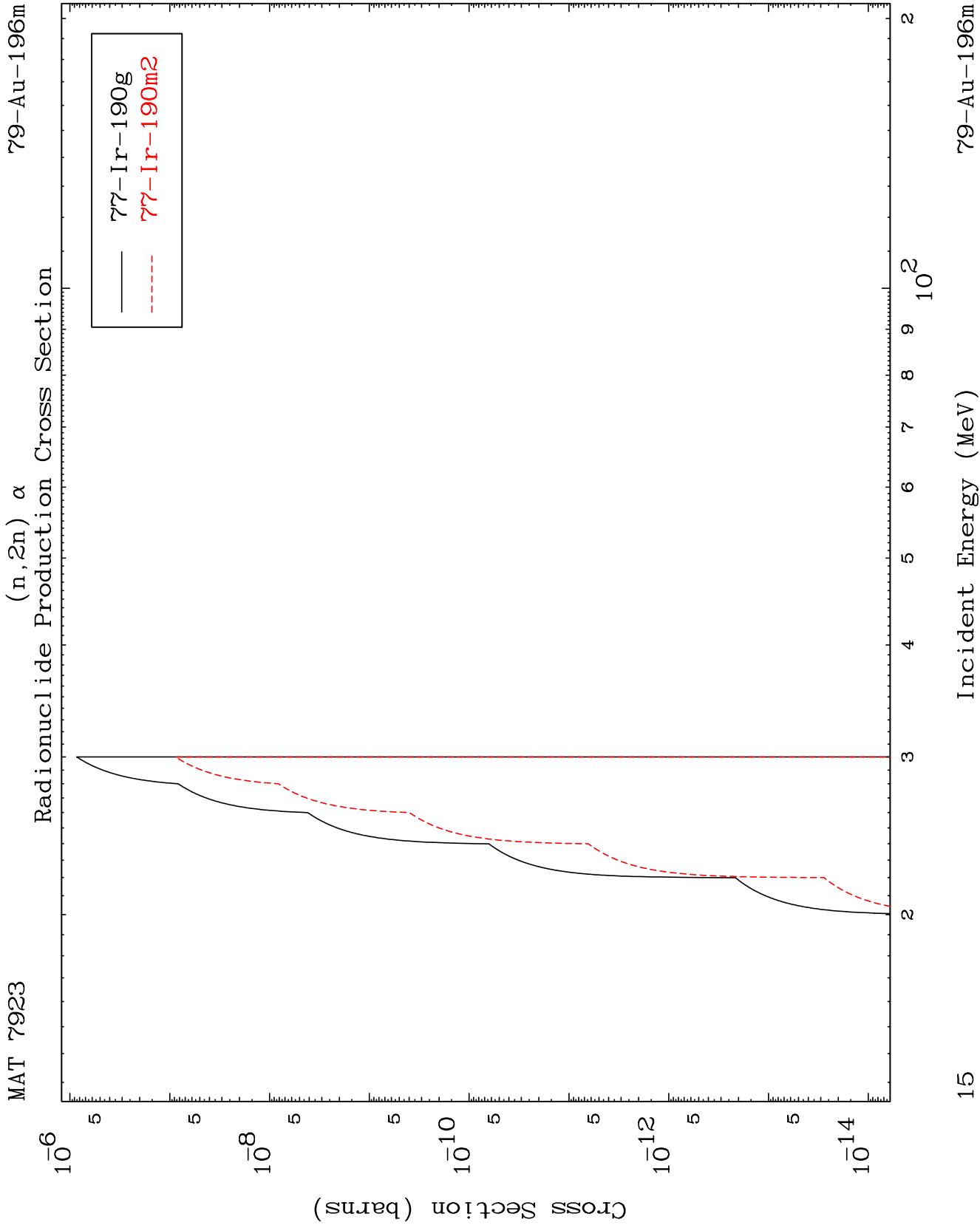


13

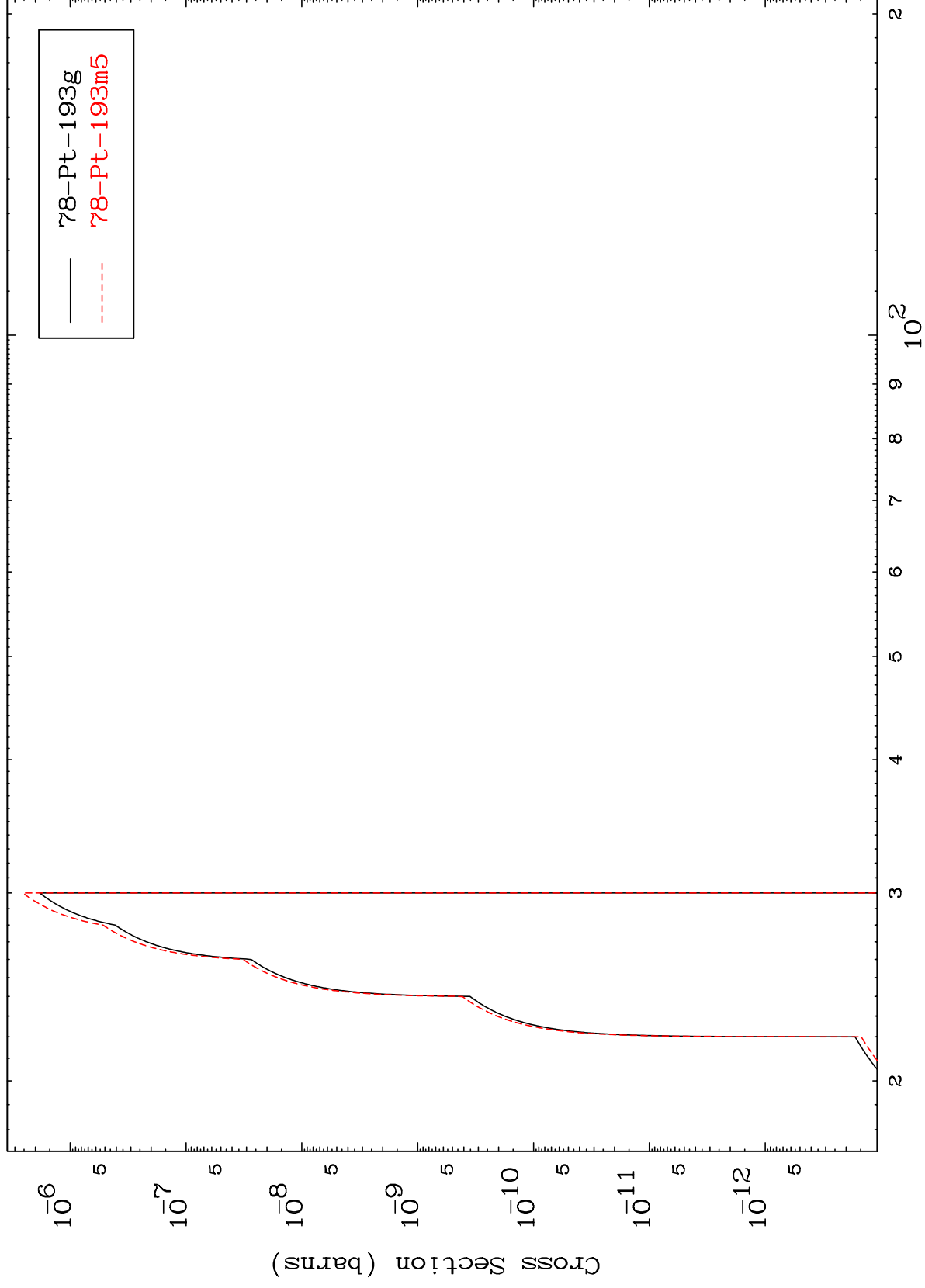
Incident Energy (MeV)

⁷⁹Au-196m





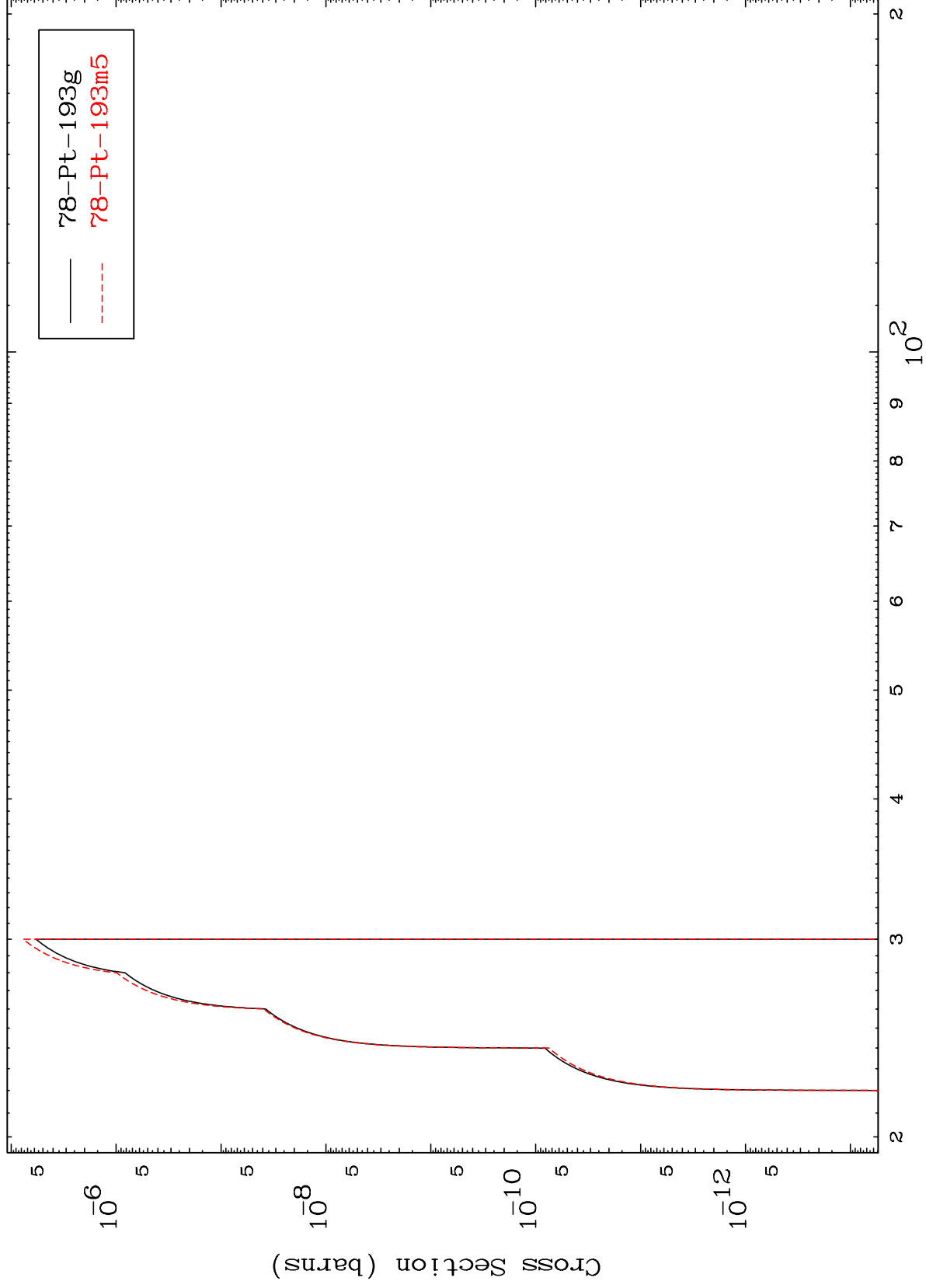
(n,n') d
Radionuclide Production Cross Section



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⁷⁹Au-196m

(n,2n) p
Radionuclide Production Cross Section



⁷⁹Au-196m

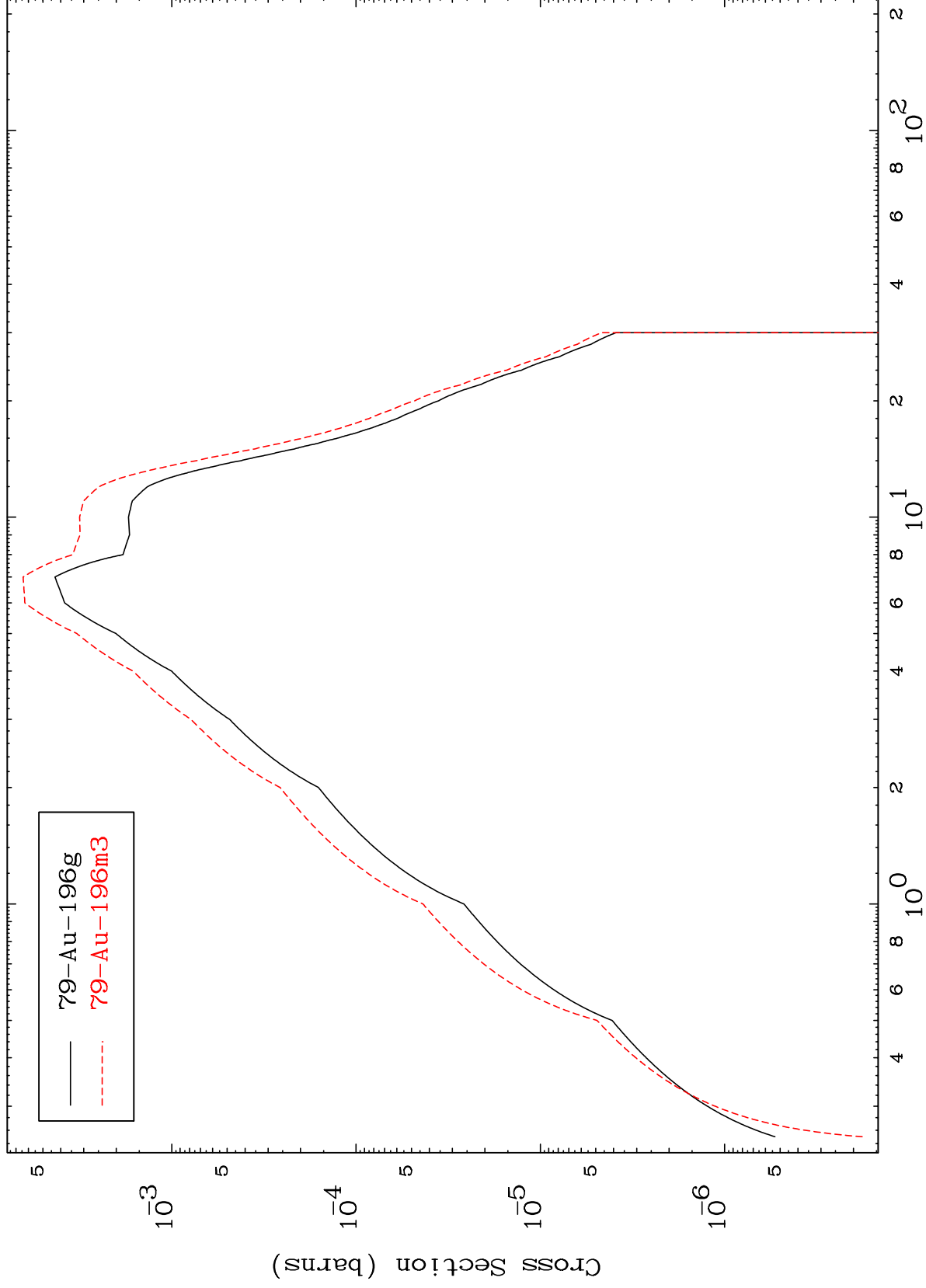
Incident Energy (MeV)

17

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⁷⁹Au-196m

Radionuclide Production Cross Section



Incident Energy (MeV)

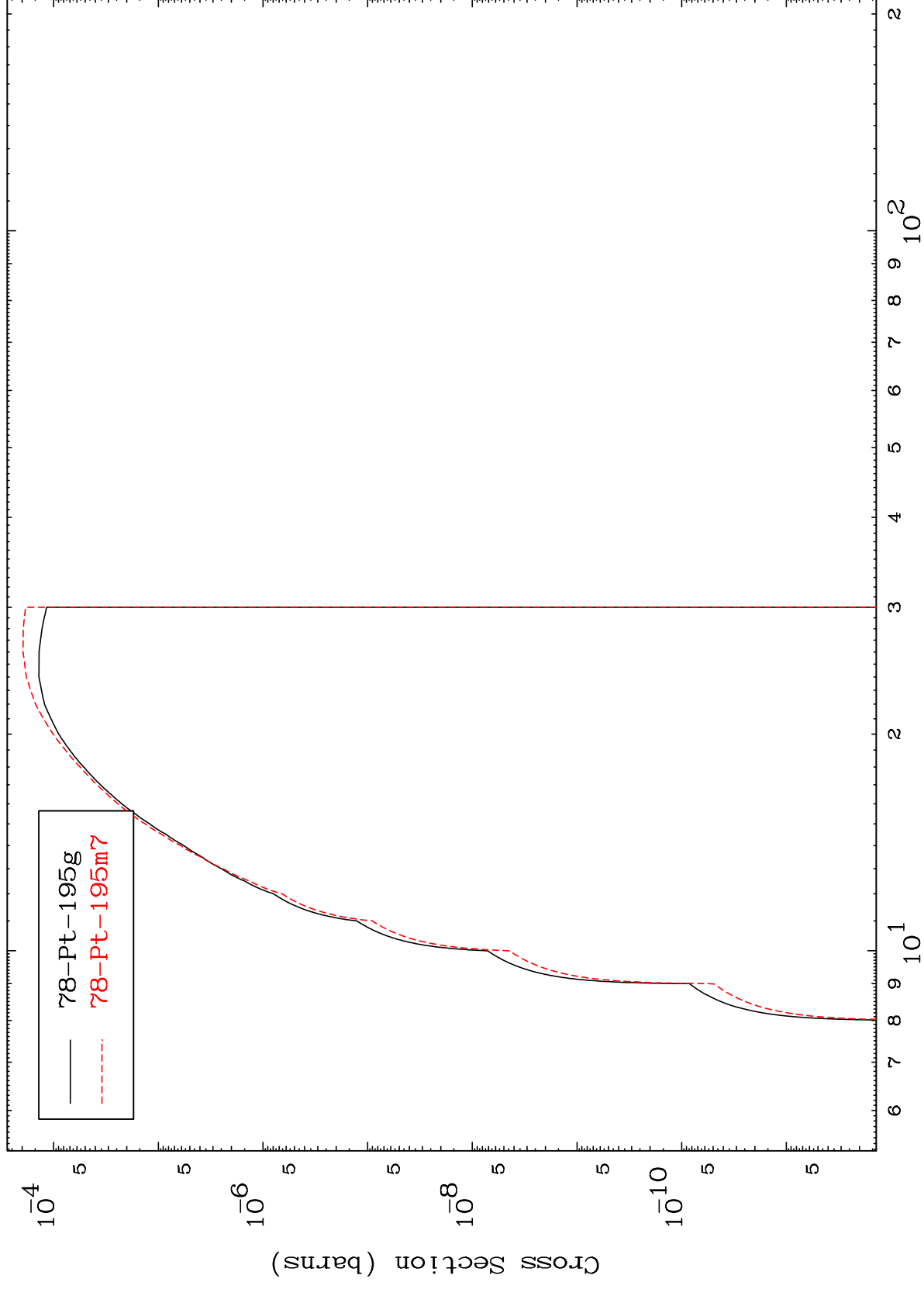
⁷⁹Au-196m

18

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79-Au-196m

(n, p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

79-Au-196m

(n,t)
Radionuclide Production Cross Section

