

Program EVALPLOT
(Version 2021-1)

by

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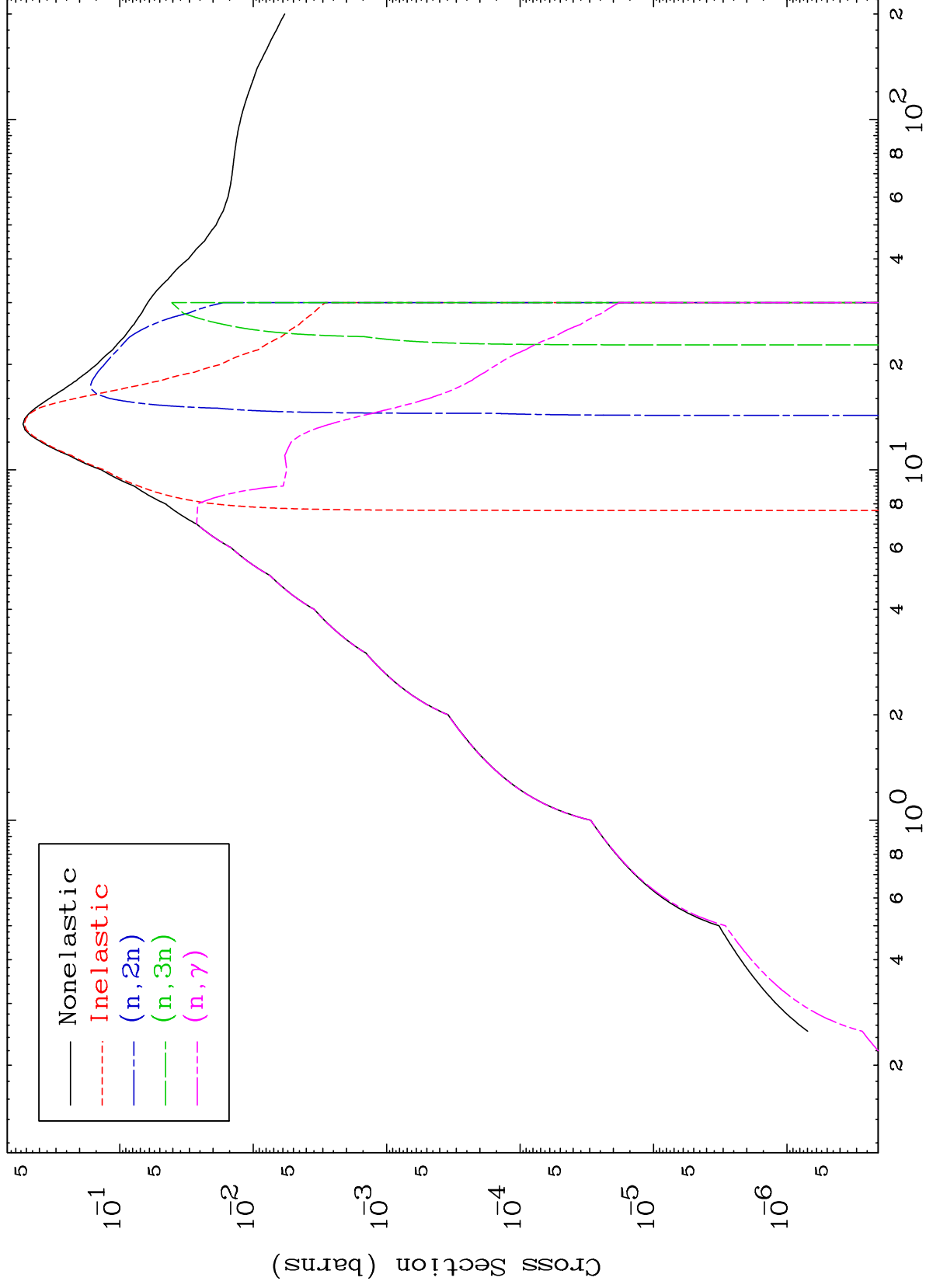
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7926

Photon Major
0 Kelvin Cross Sections

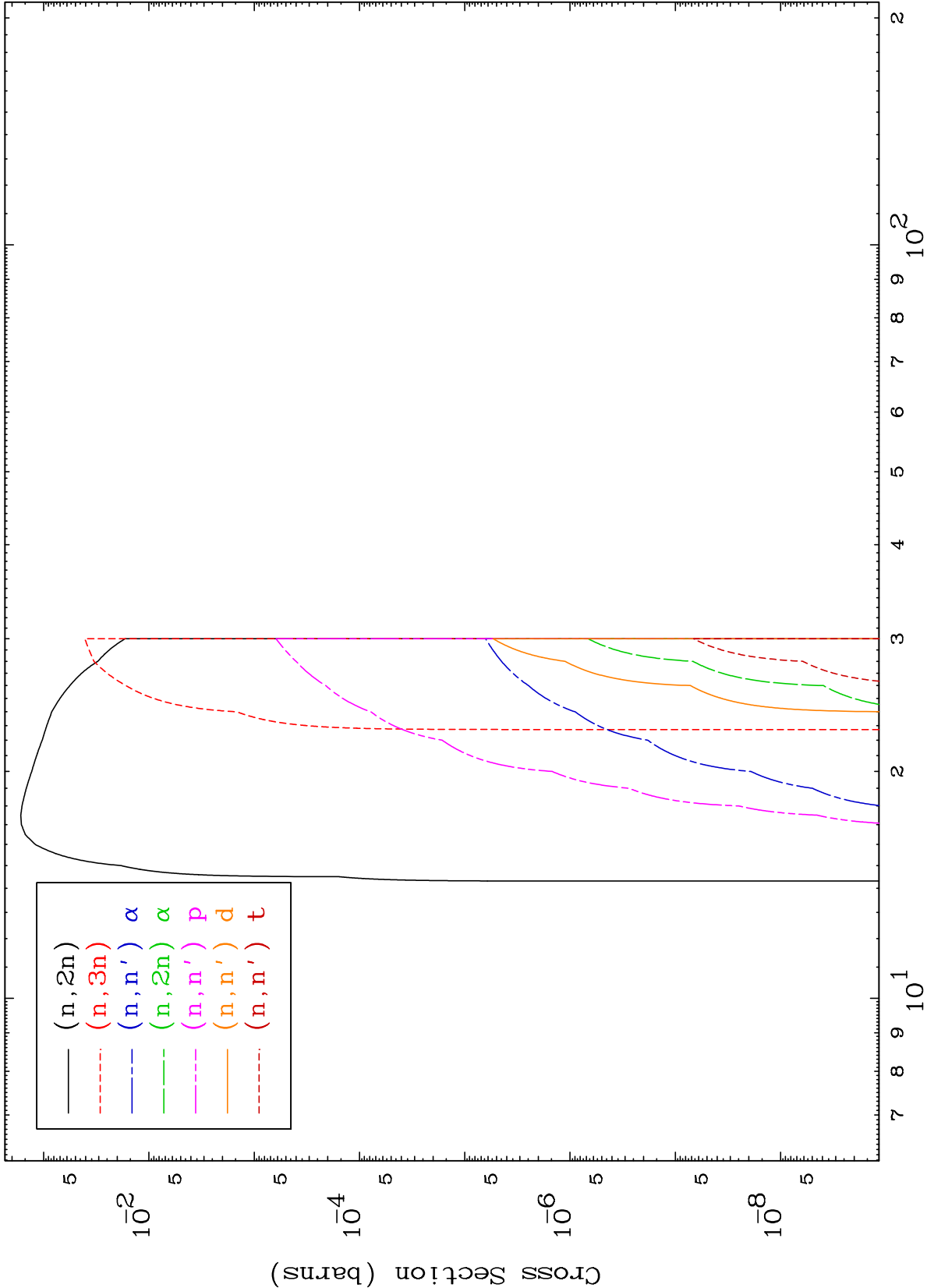
79-Au-197m

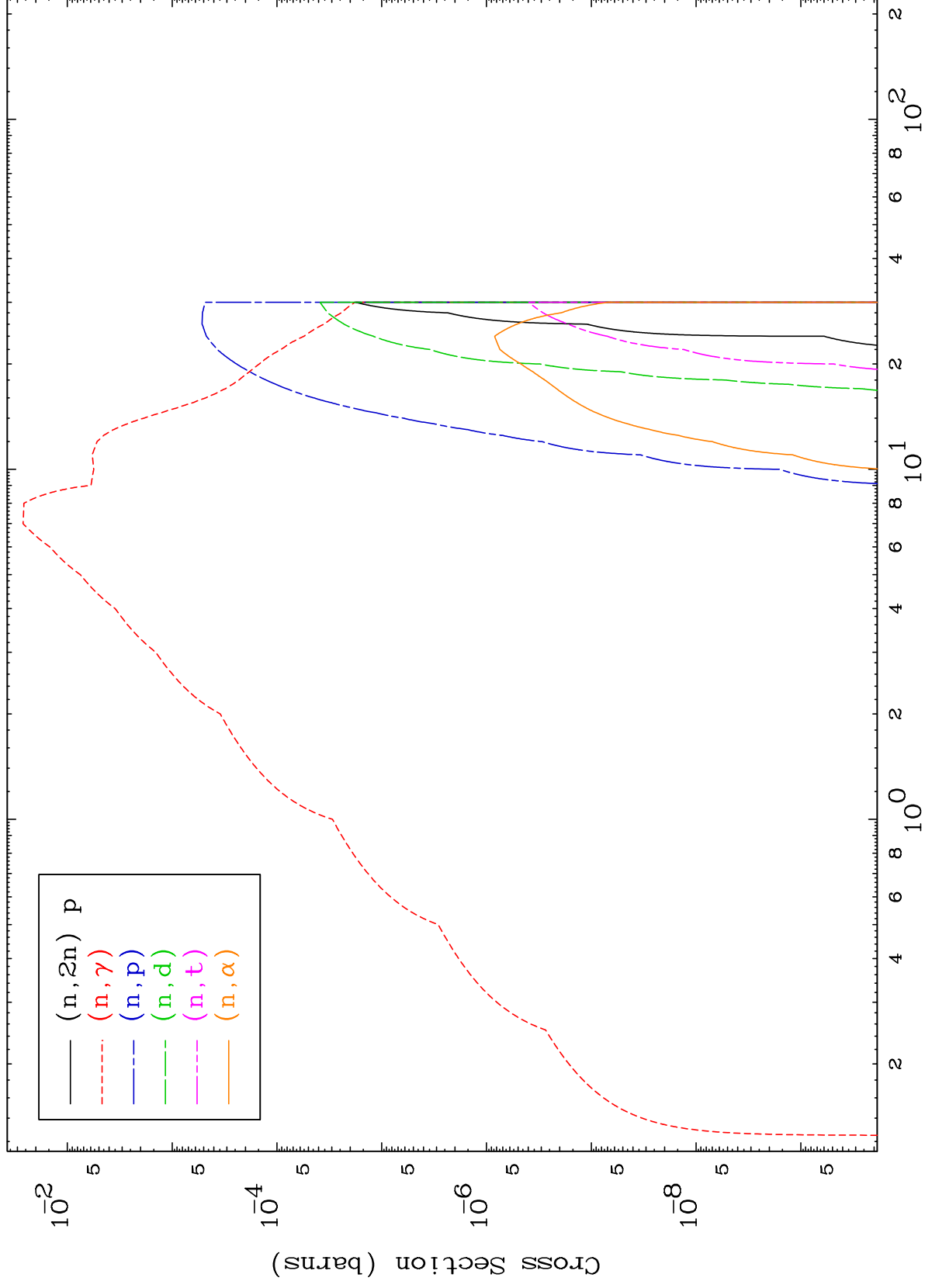


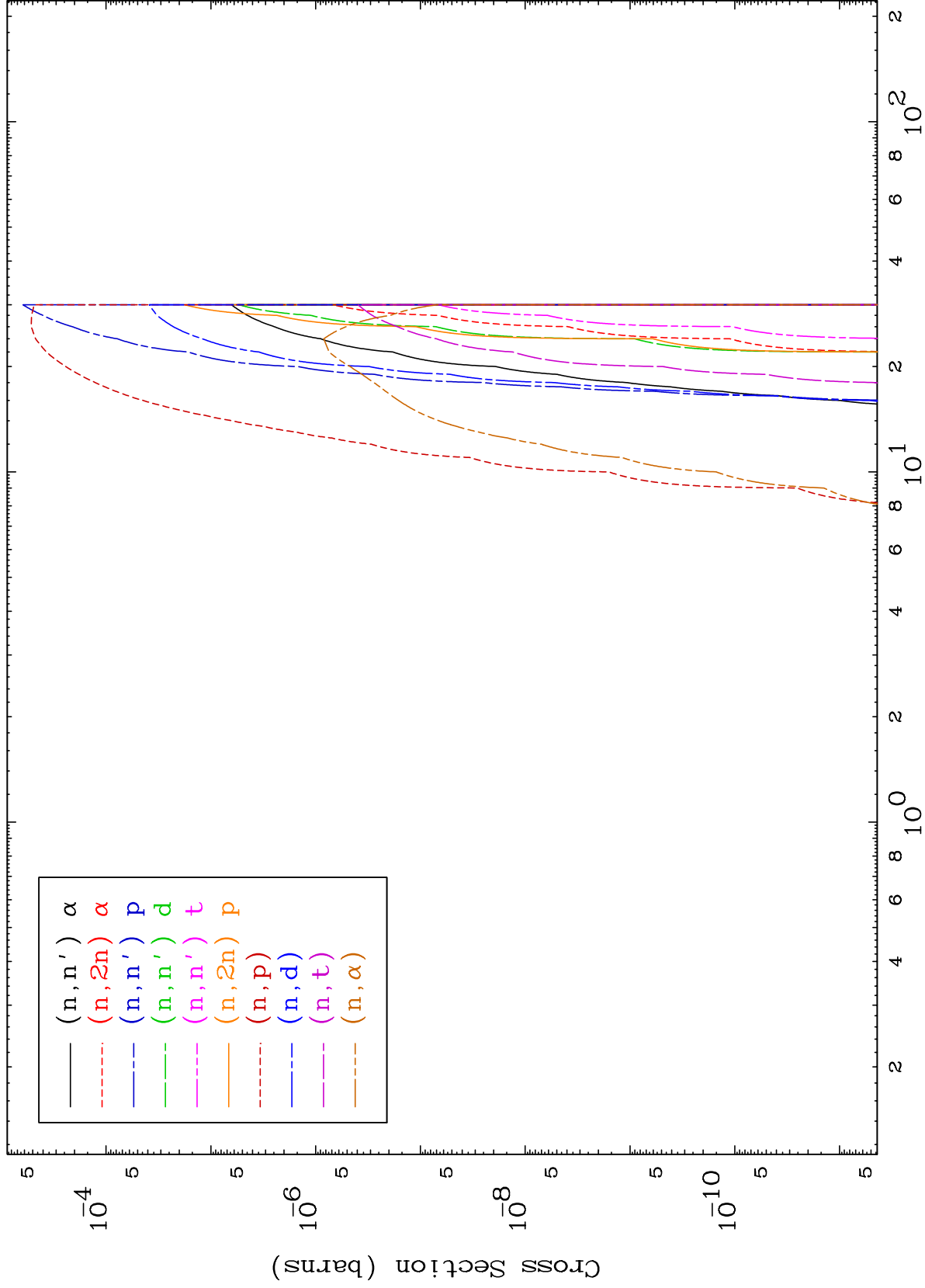
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Photon Neutron Absorption
0 Kelvin Cross Sections

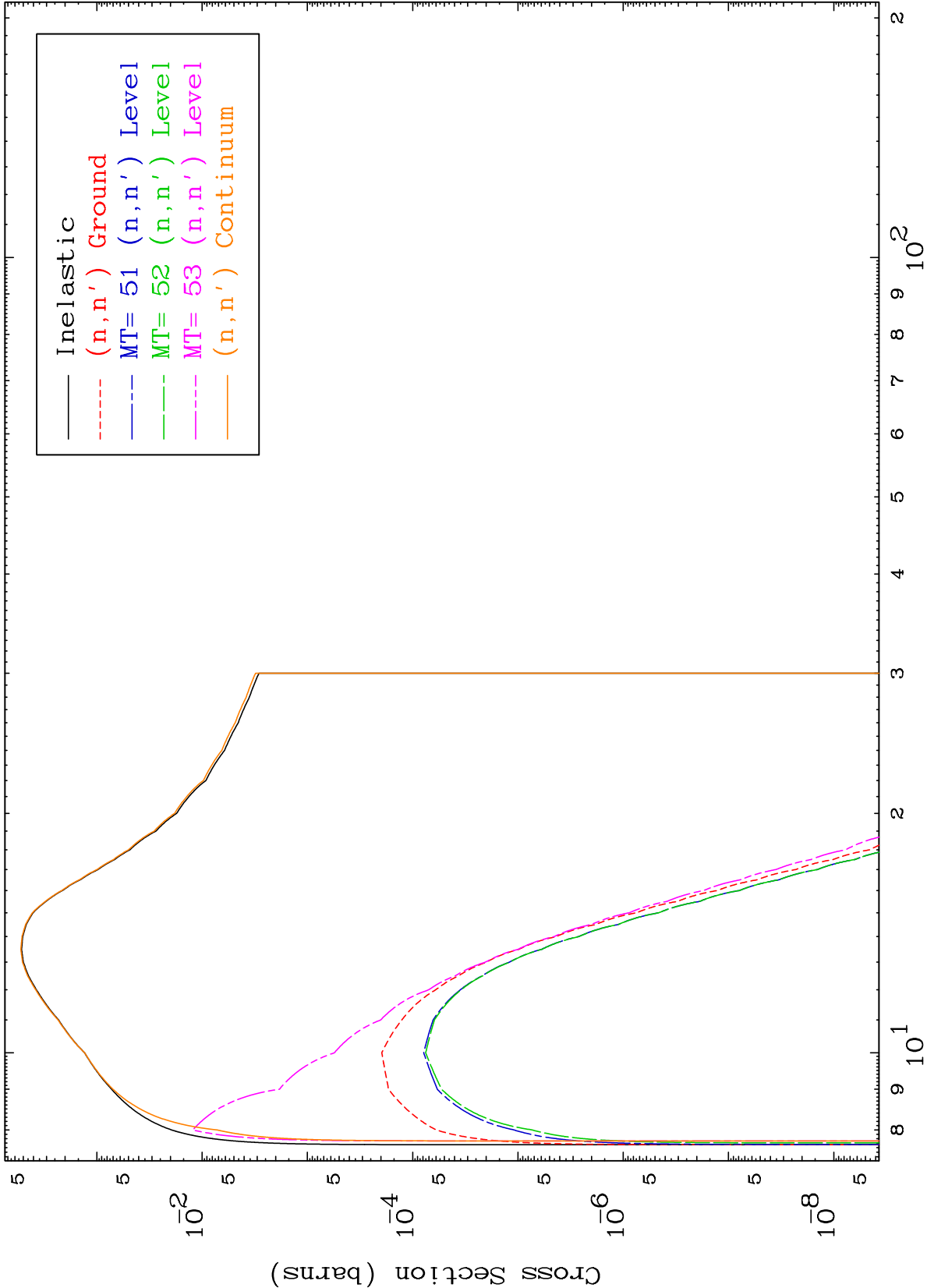
⁷⁹Au-197m







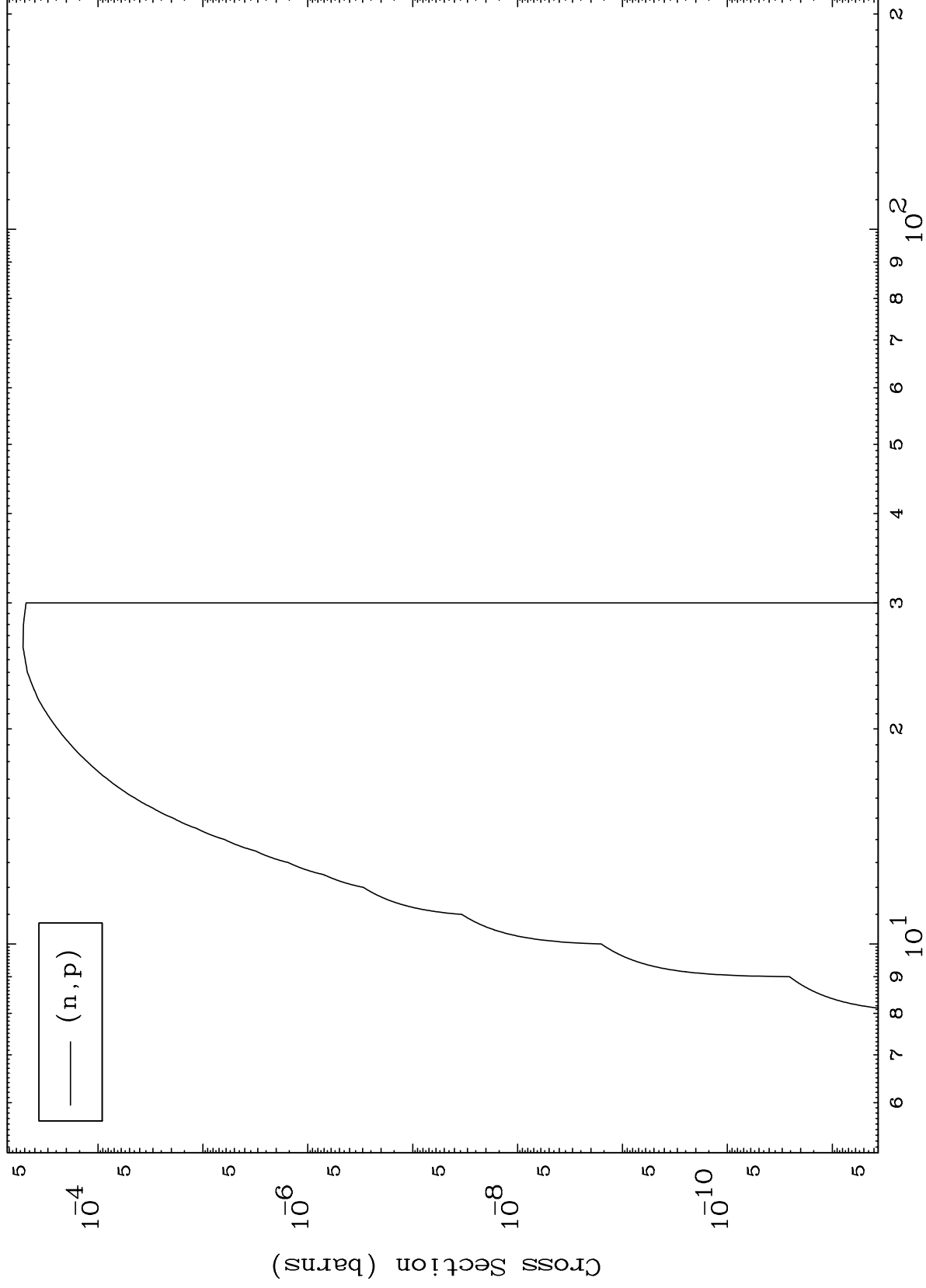
0 Kelvin Cross Sections



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79-Au-197m

(γ, p) Levels
0 Kelvin Cross Sections



79-Au-197m

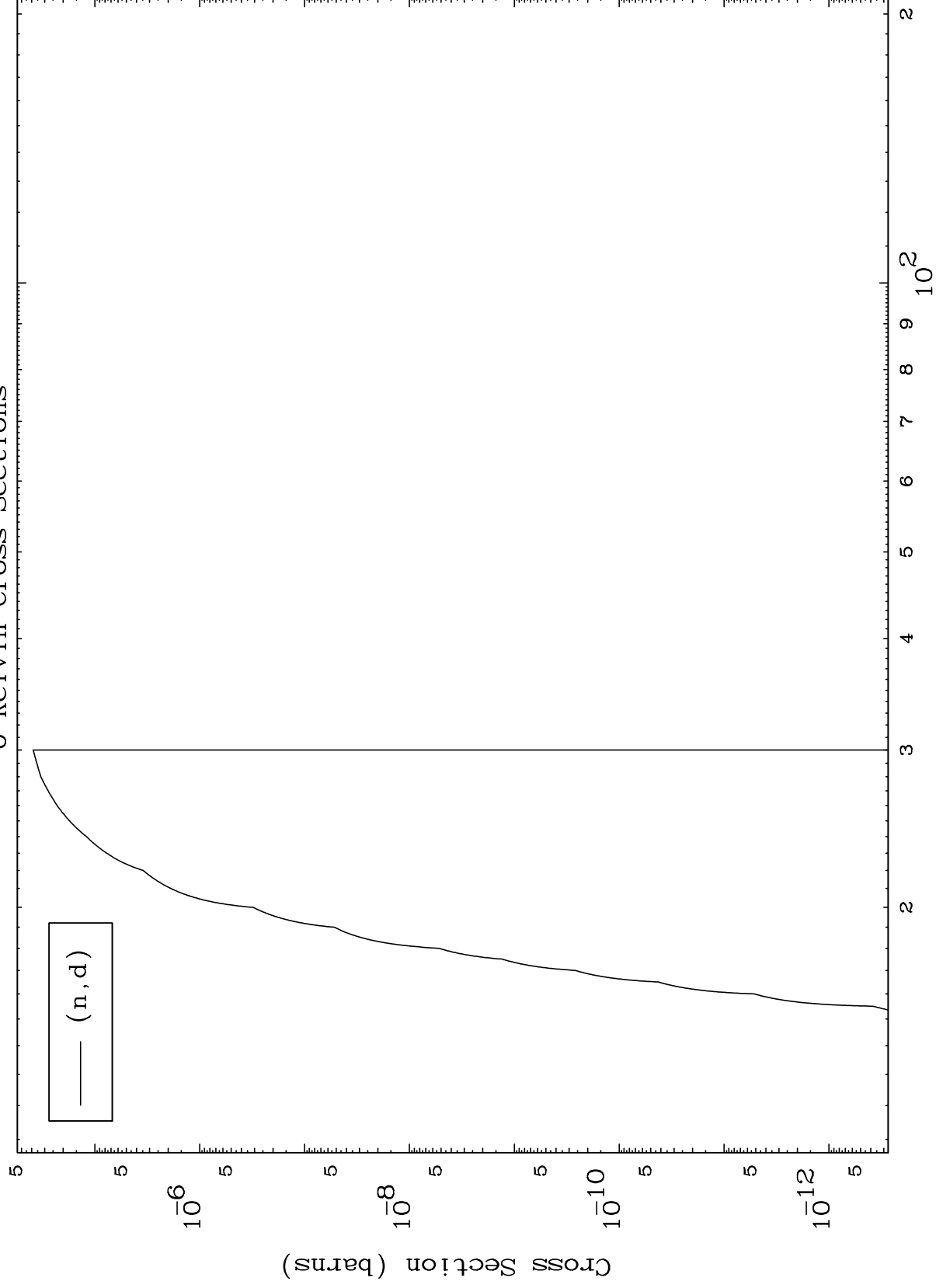
Incident Energy (MeV)

6

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$^{79}\text{Au-197m}$

(γ, d) Levels
0 Kelvin Cross Sections



$^{79}\text{Au-197m}$

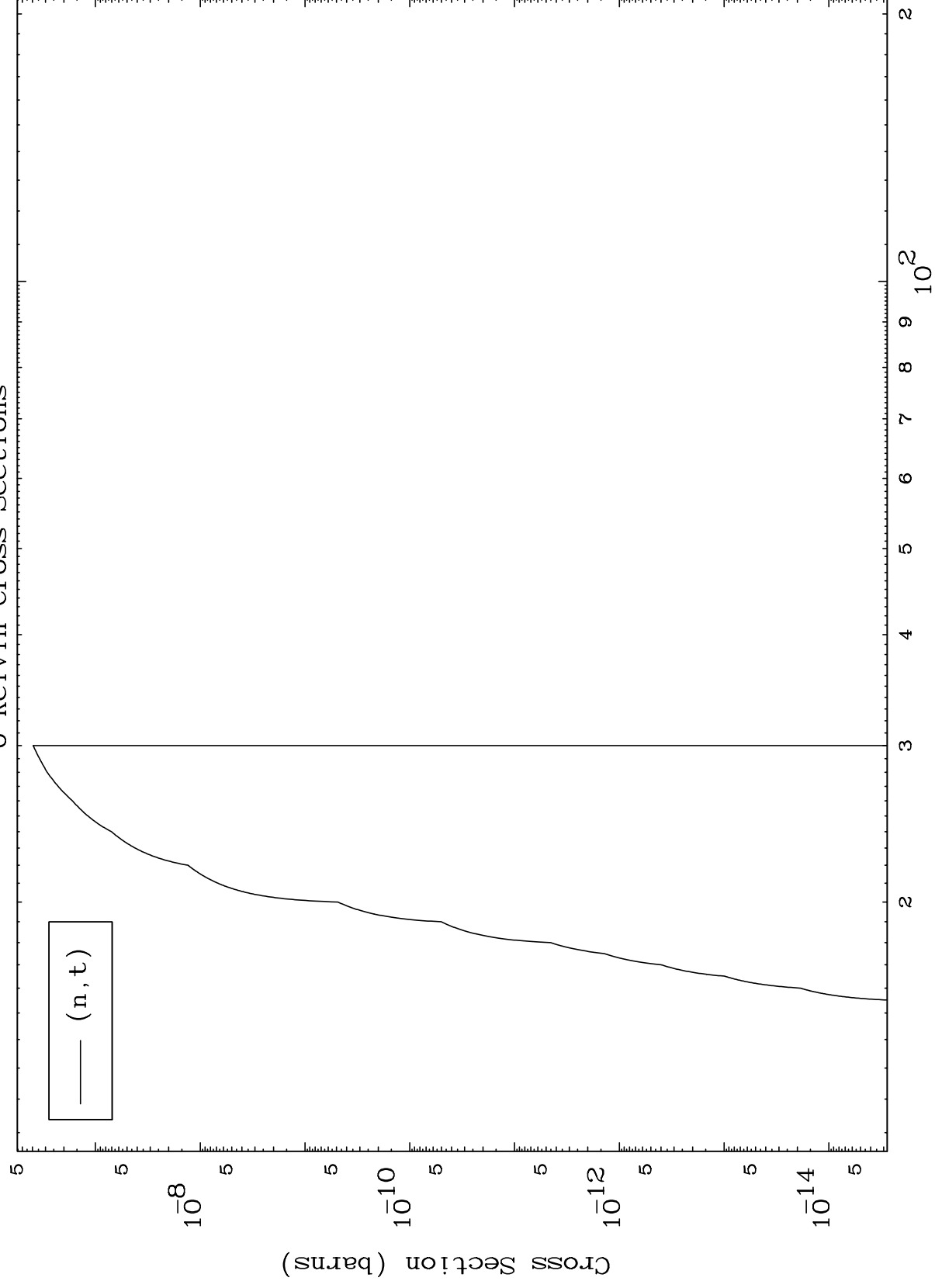
Incident Energy (MeV)

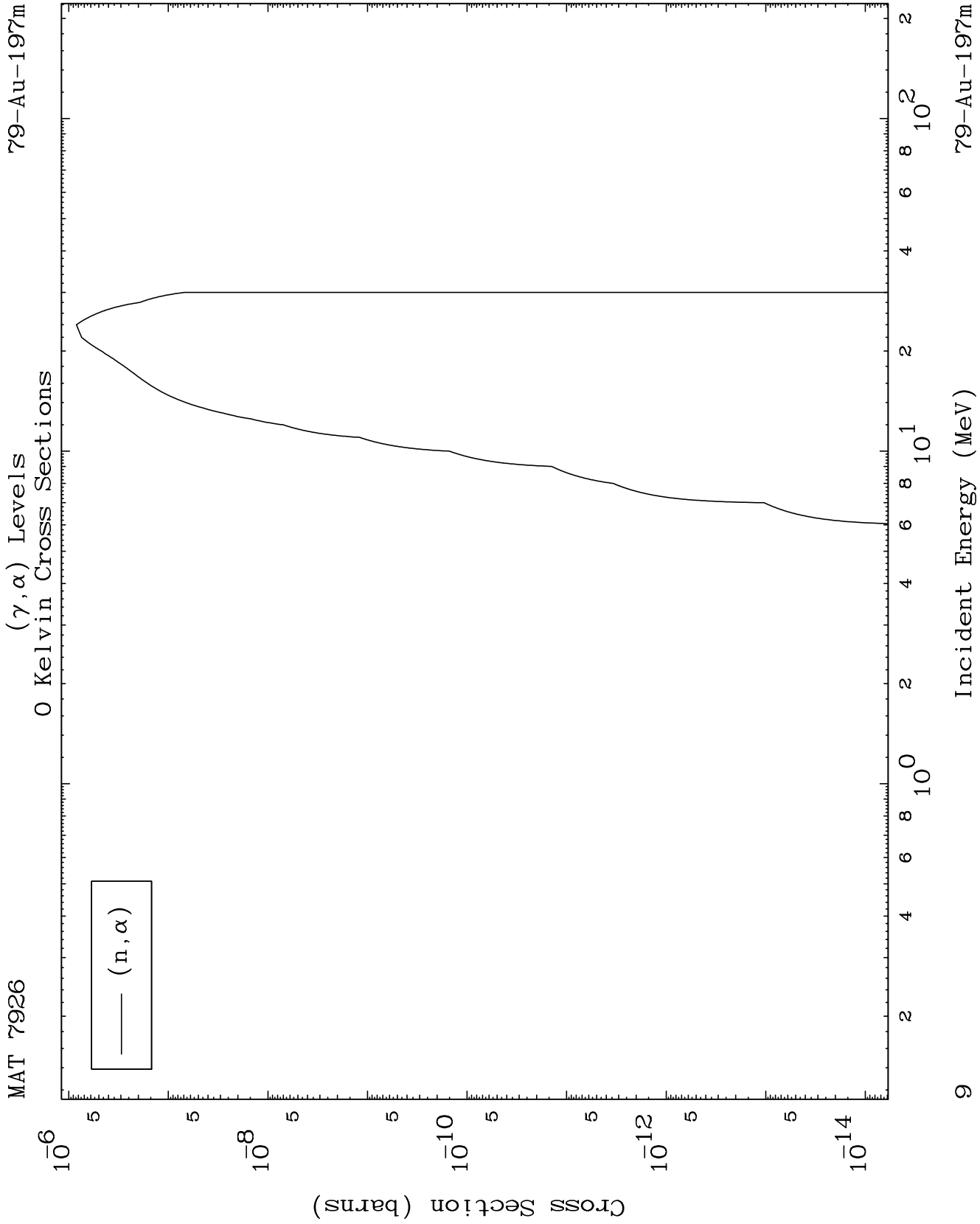
7

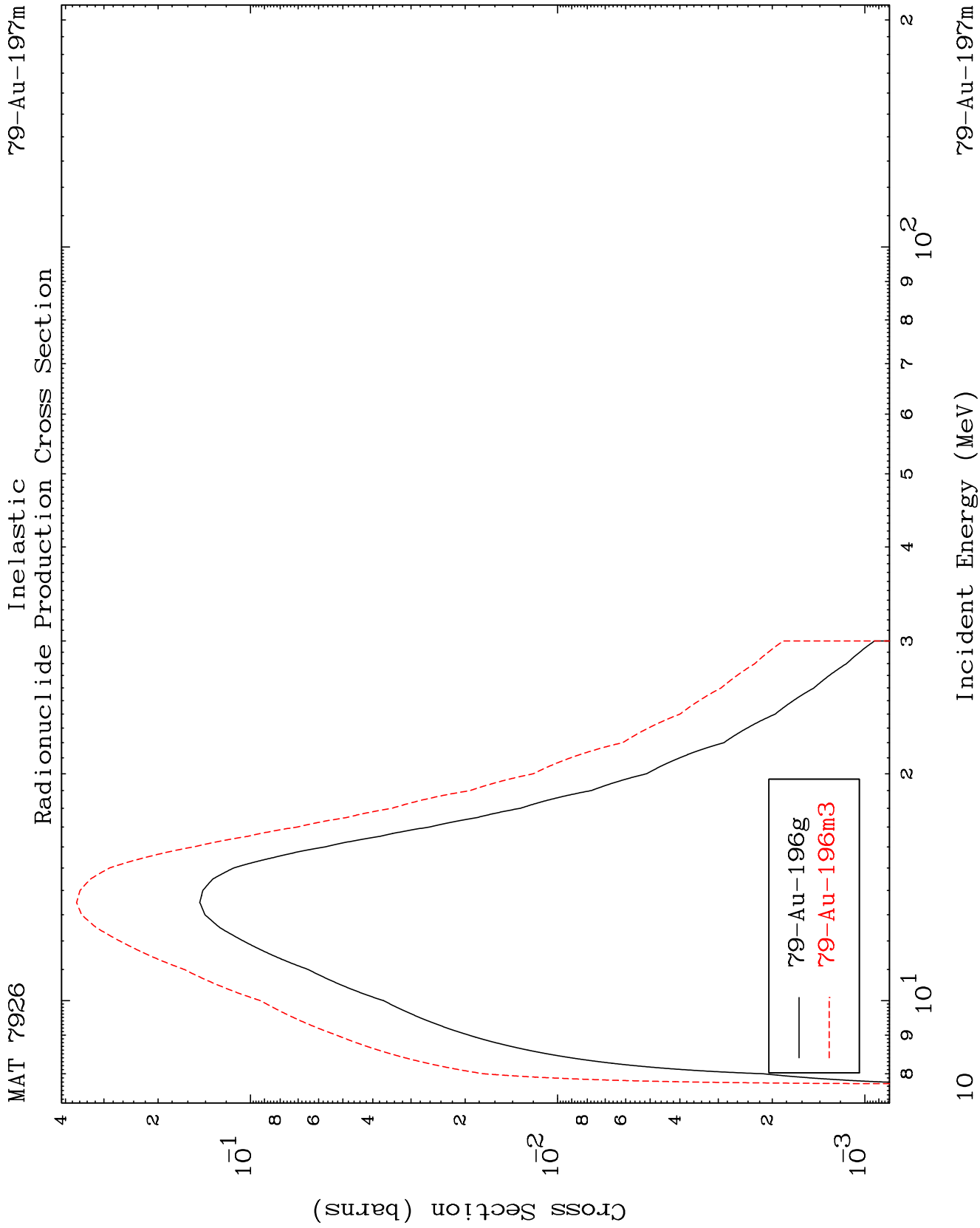
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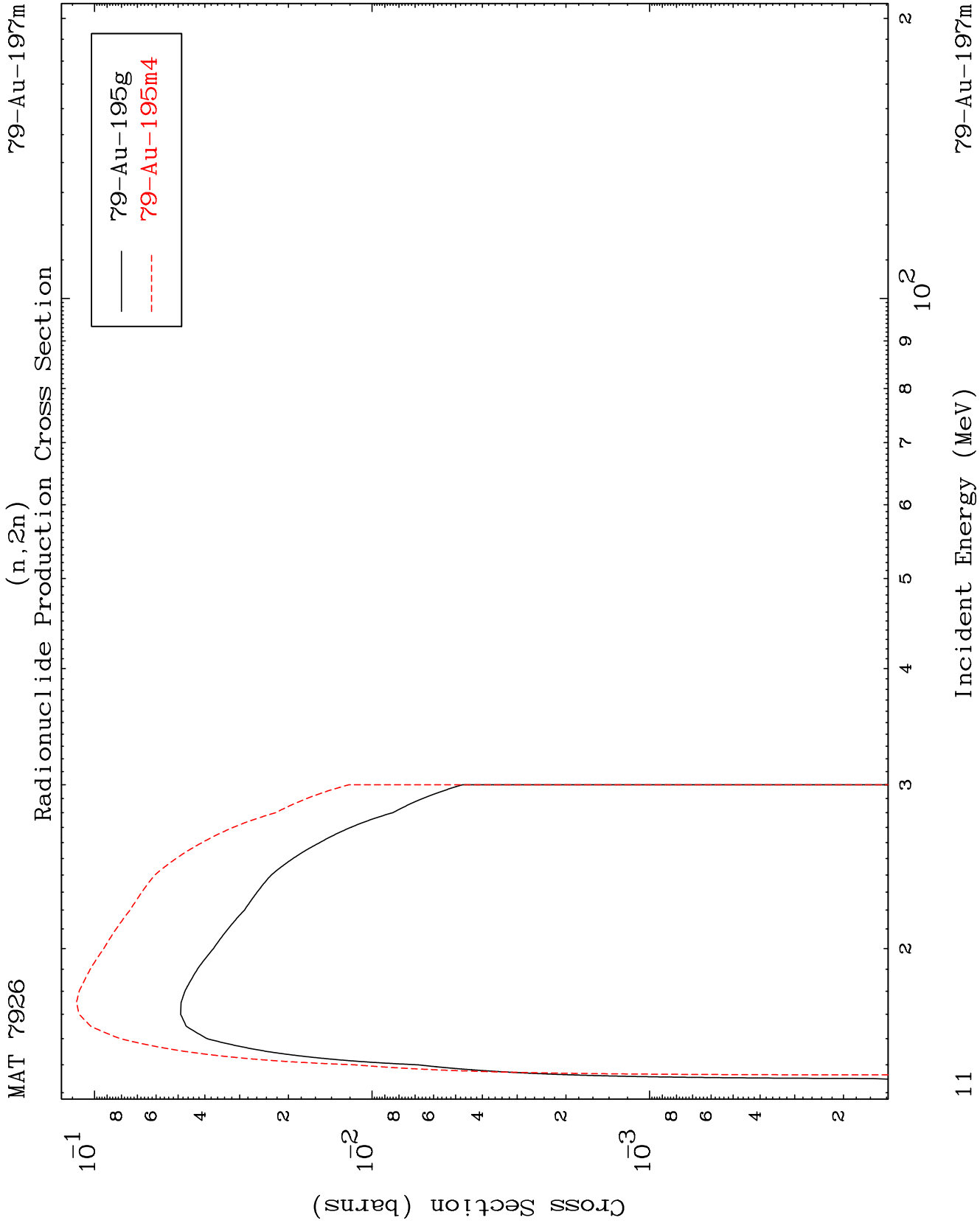
79-Au-197m

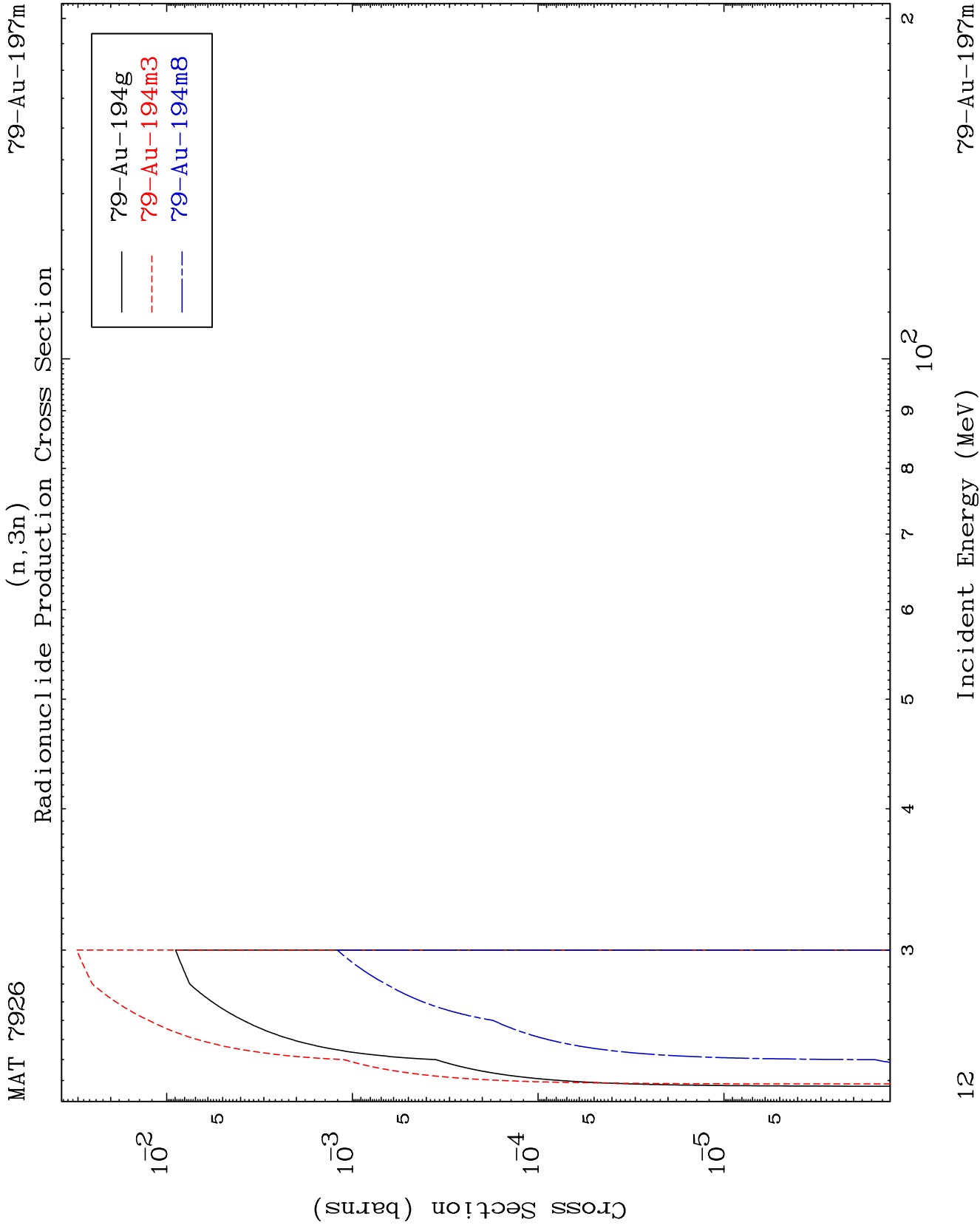
(γ, t) Levels
0 Kelvin Cross Sections







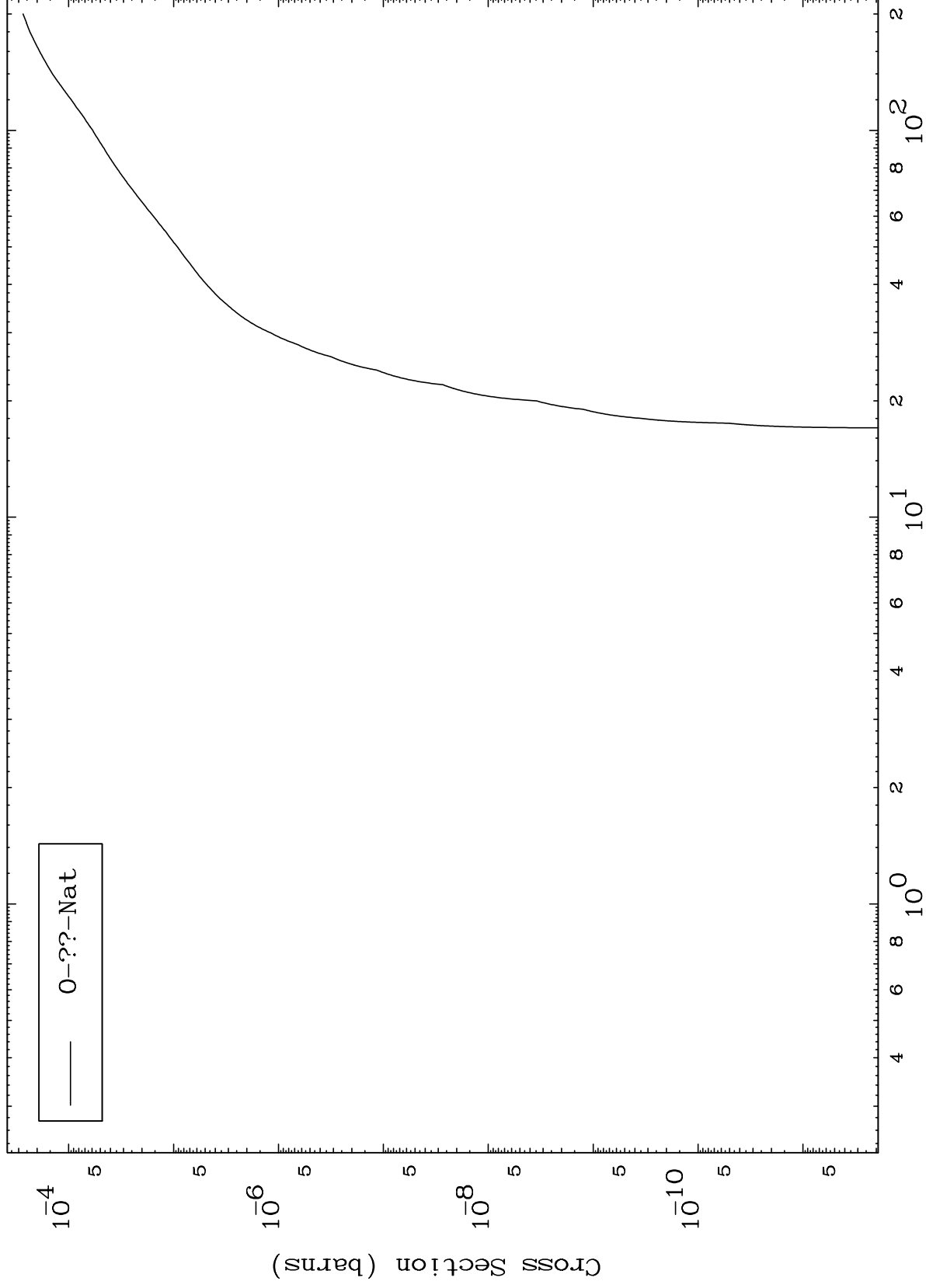




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Fission
Radionuclide Production Cross Section

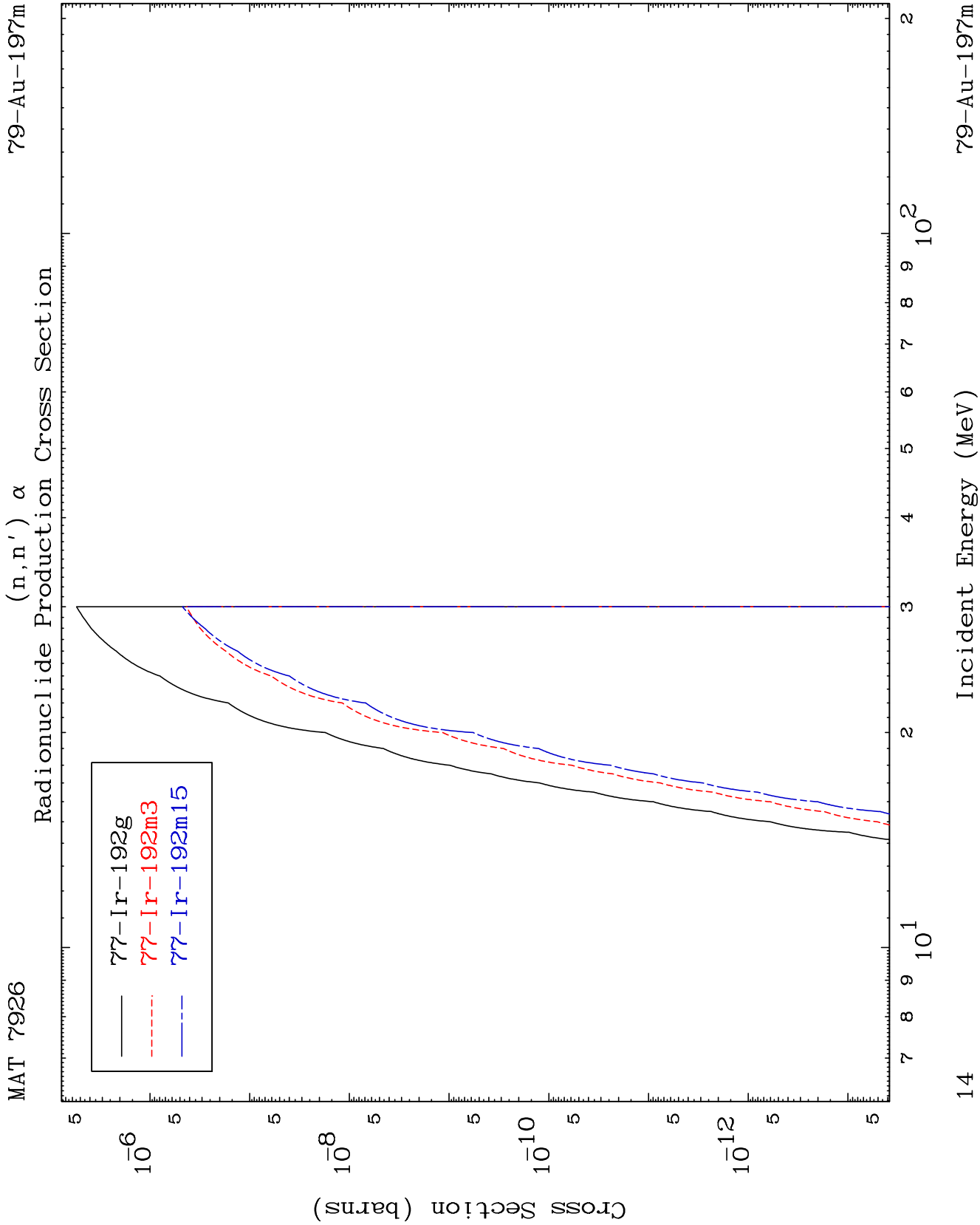
$^{79}\text{Au-197m}$



13

Incident Energy (MeV)

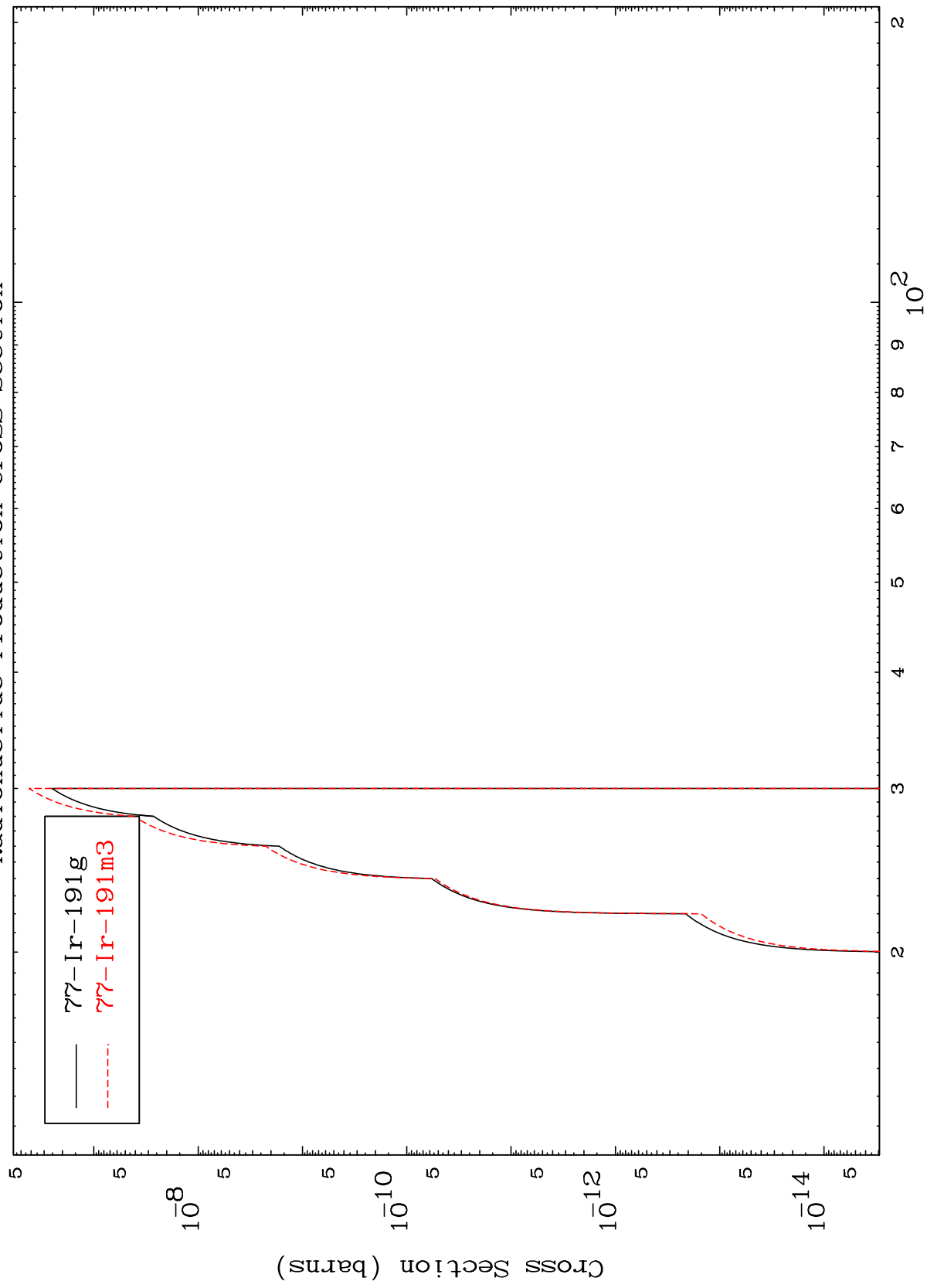
$^{79}\text{Au-197m}$



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$^{79}\text{Au}-197\text{m}$

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



15

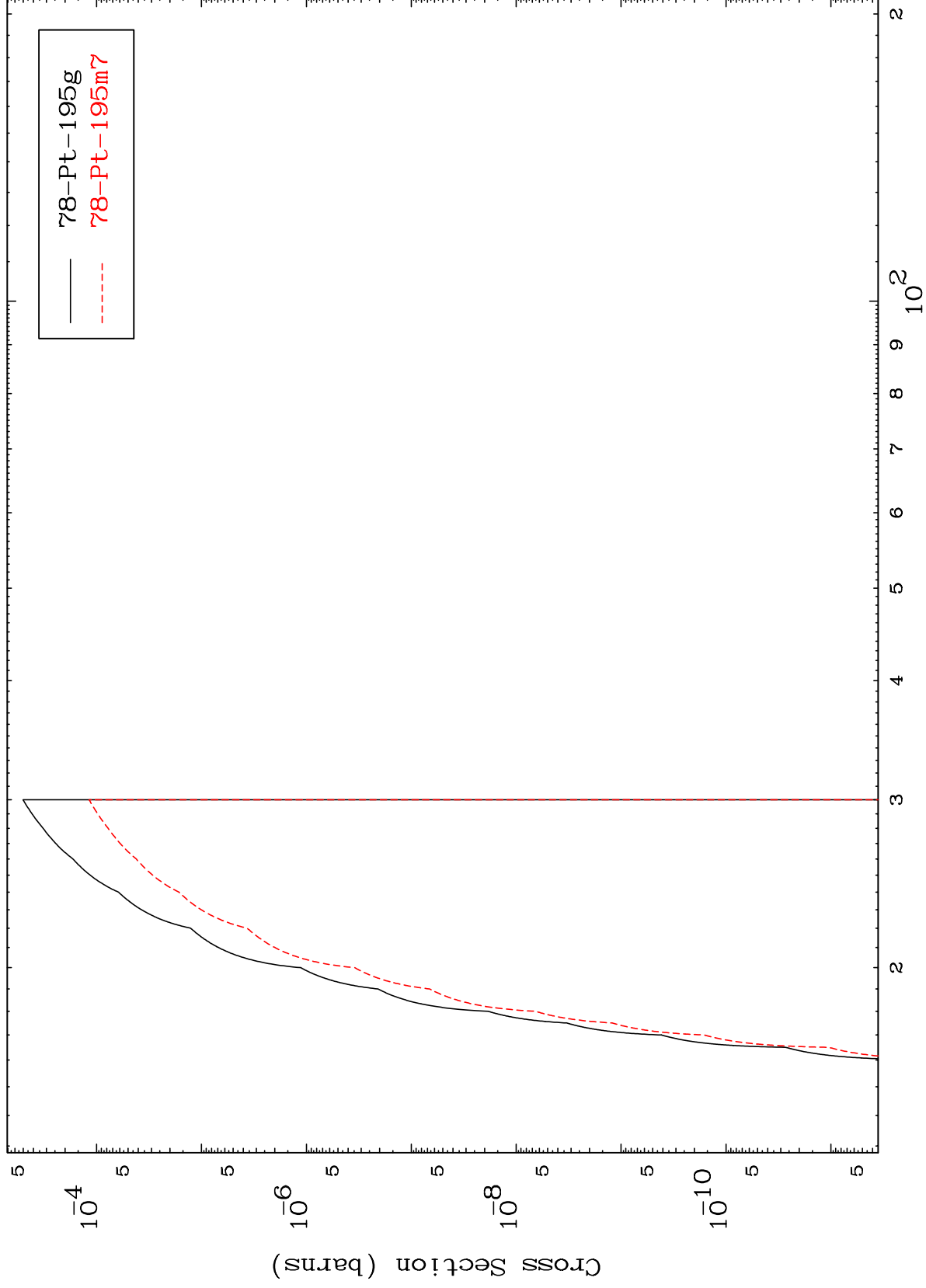
Incident Energy (MeV)

$^{79}\text{Au}-197\text{m}$

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⁷⁹Au-197m

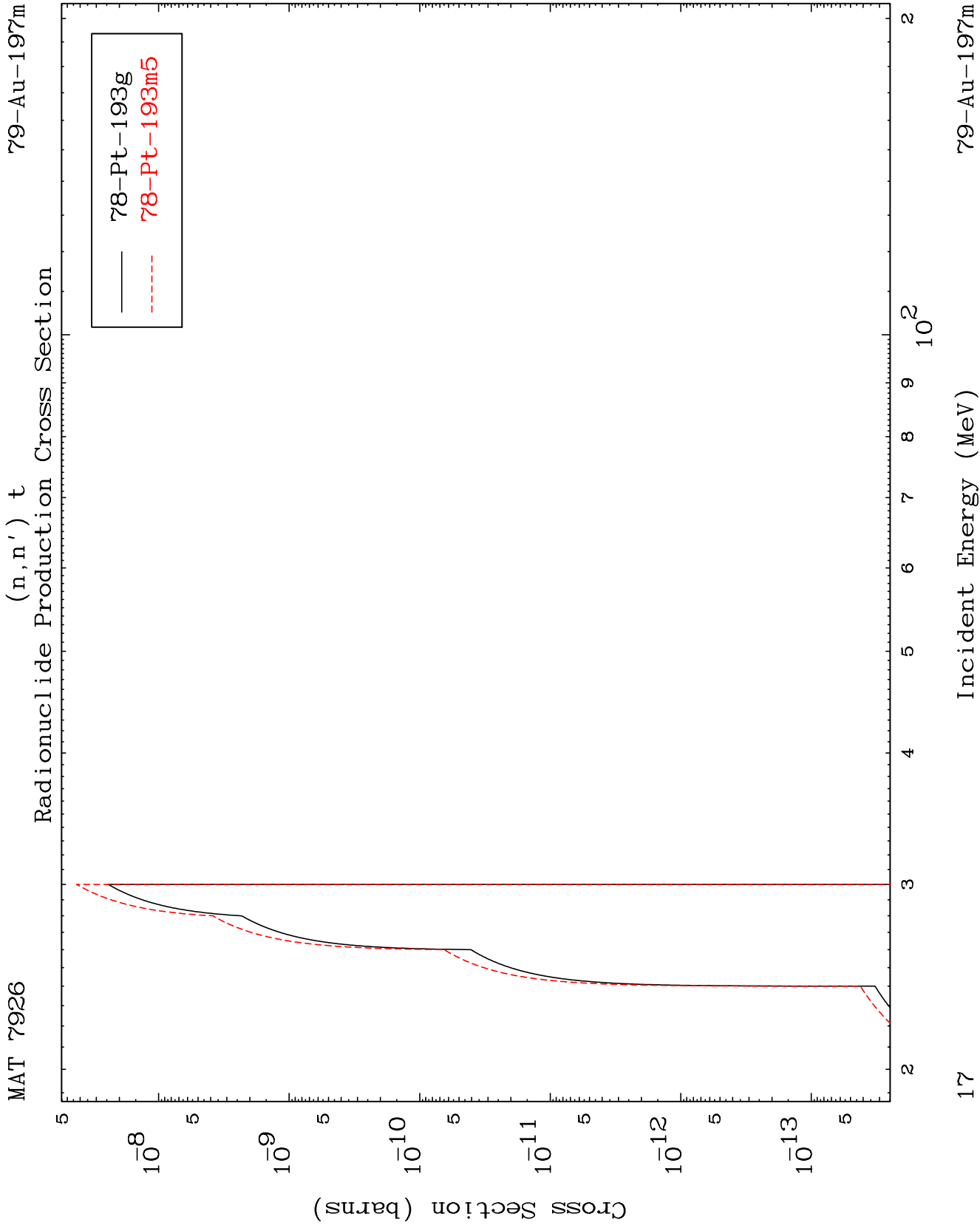
(n,n') p
Radionuclide Production Cross Section



16

Incident Energy (MeV)

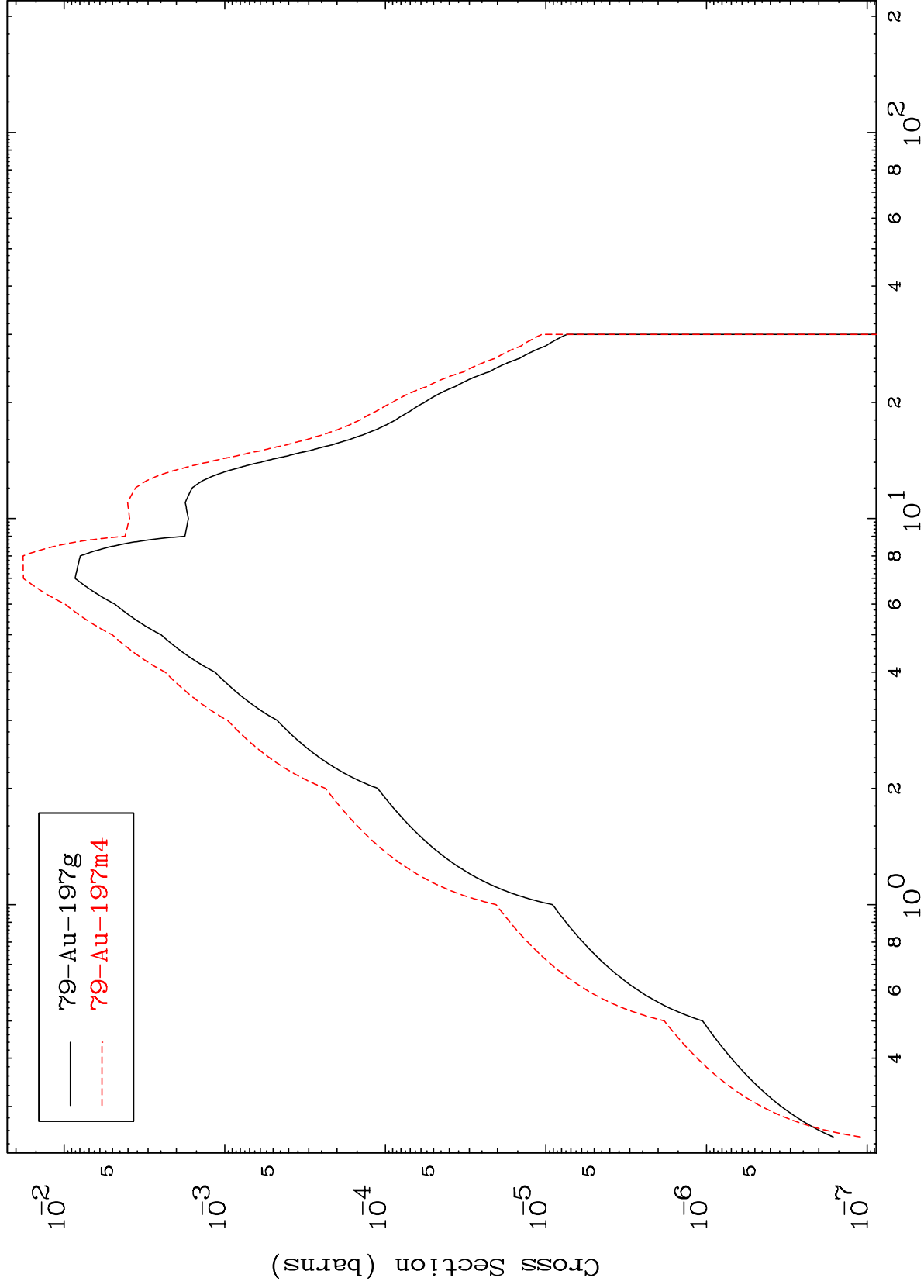
⁷⁹Au-197m



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$^{79}\text{Au-197m}$

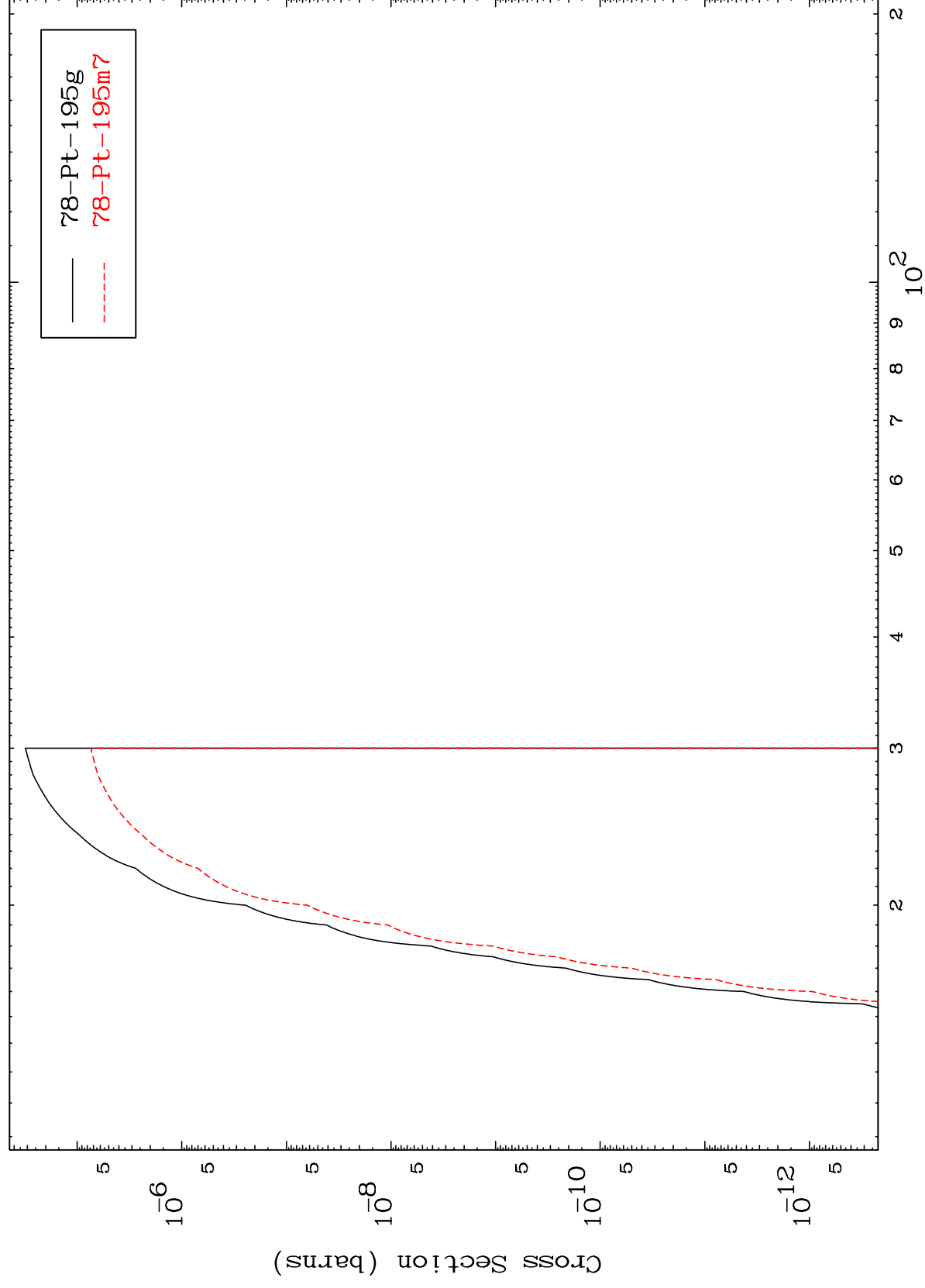
Radionuclide Production Cross Section



18

Incident Energy (MeV)

$^{79}\text{Au-197m}$



Radionuclide Production Cross Section (n, α)

