

Program EVALPLOT
(Version 2021-1)

by

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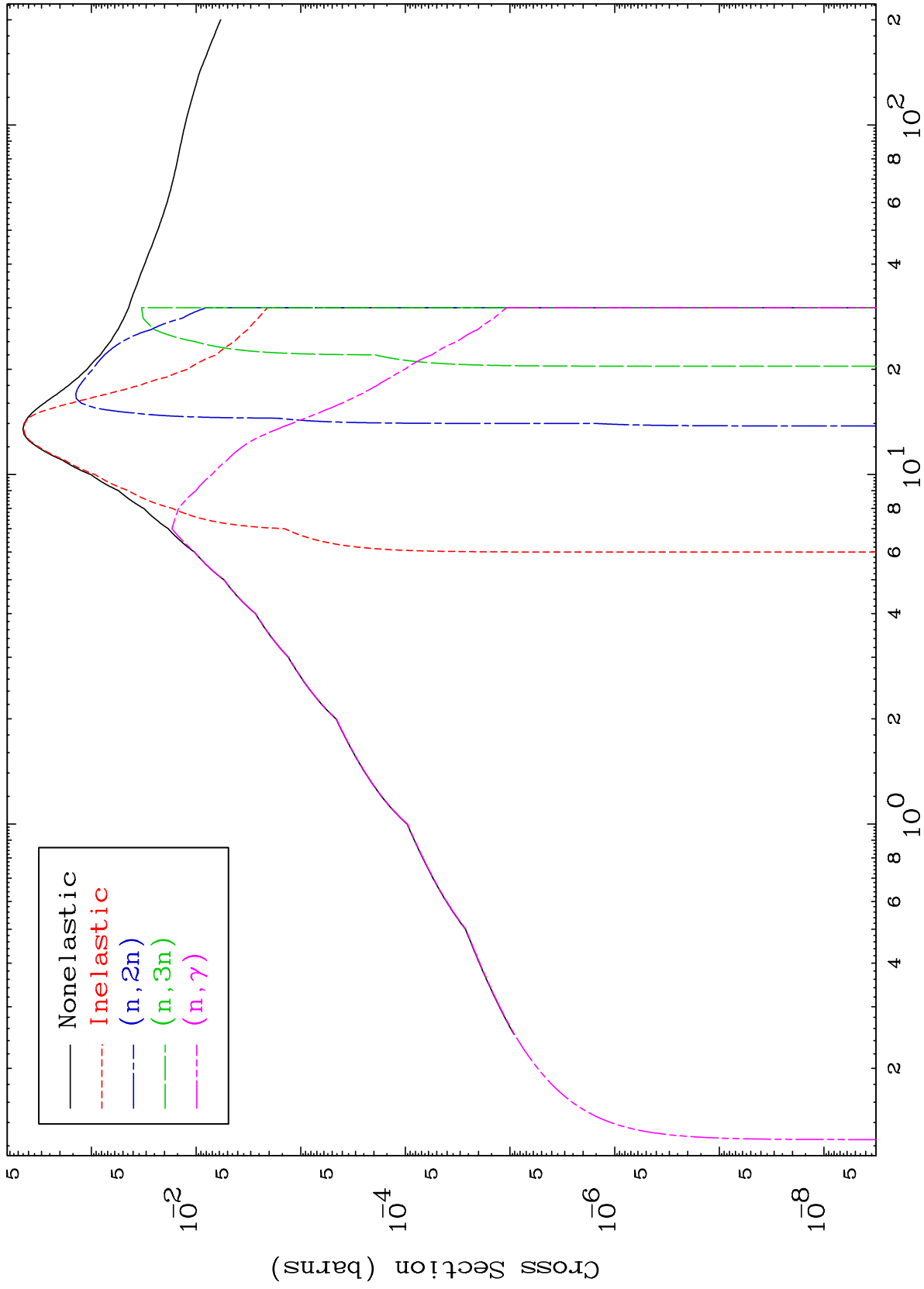
Press Mouse Button to Start

MAT 7929

Photon Major

79-Au-198m

0 Kelvin Cross Sections



1

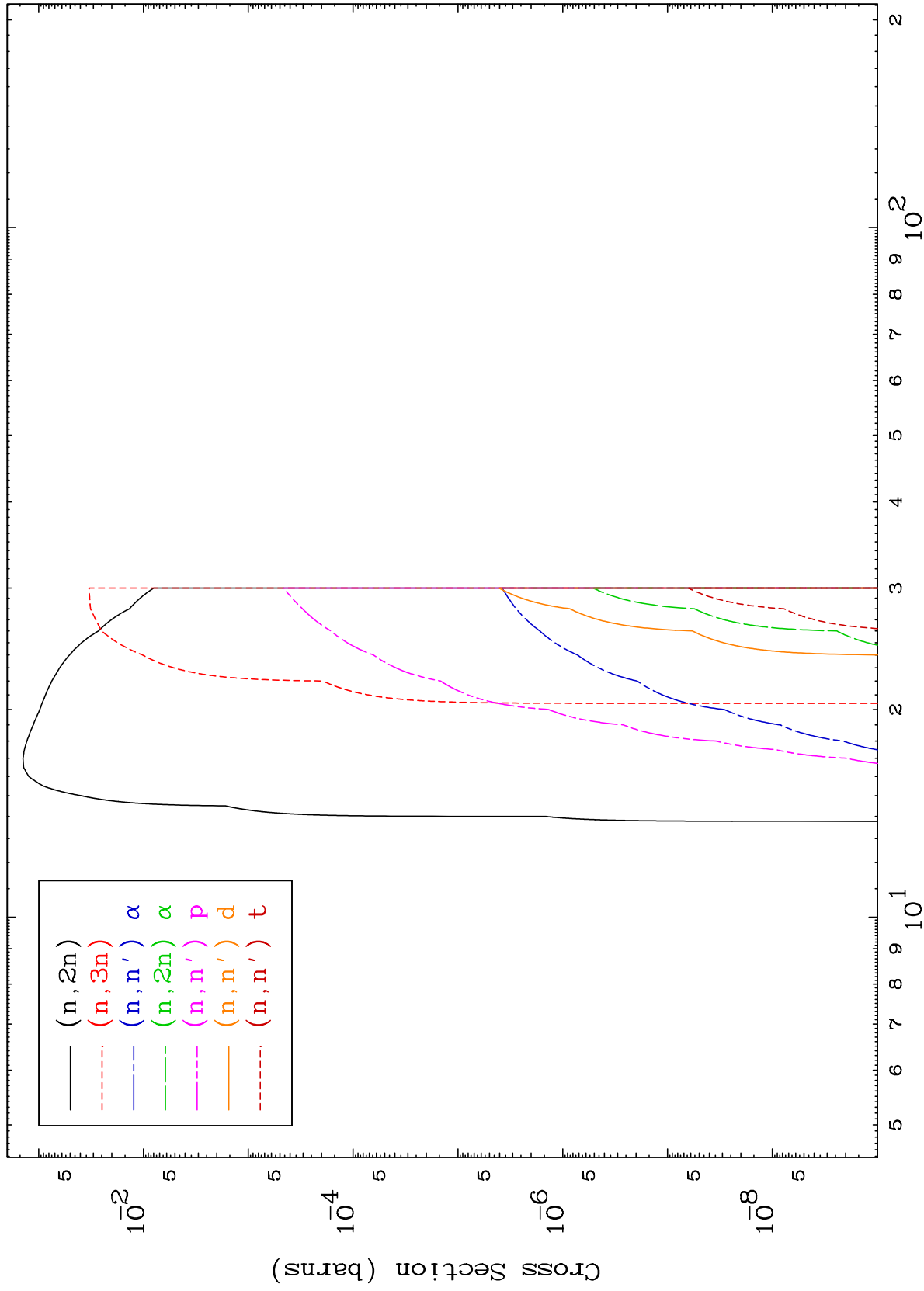
Incident Energy (MeV)

79-Au-198m

MAT 7929

Photon Neutron Absorption
0 Kelvin Cross Sections

79-Au-198m



2

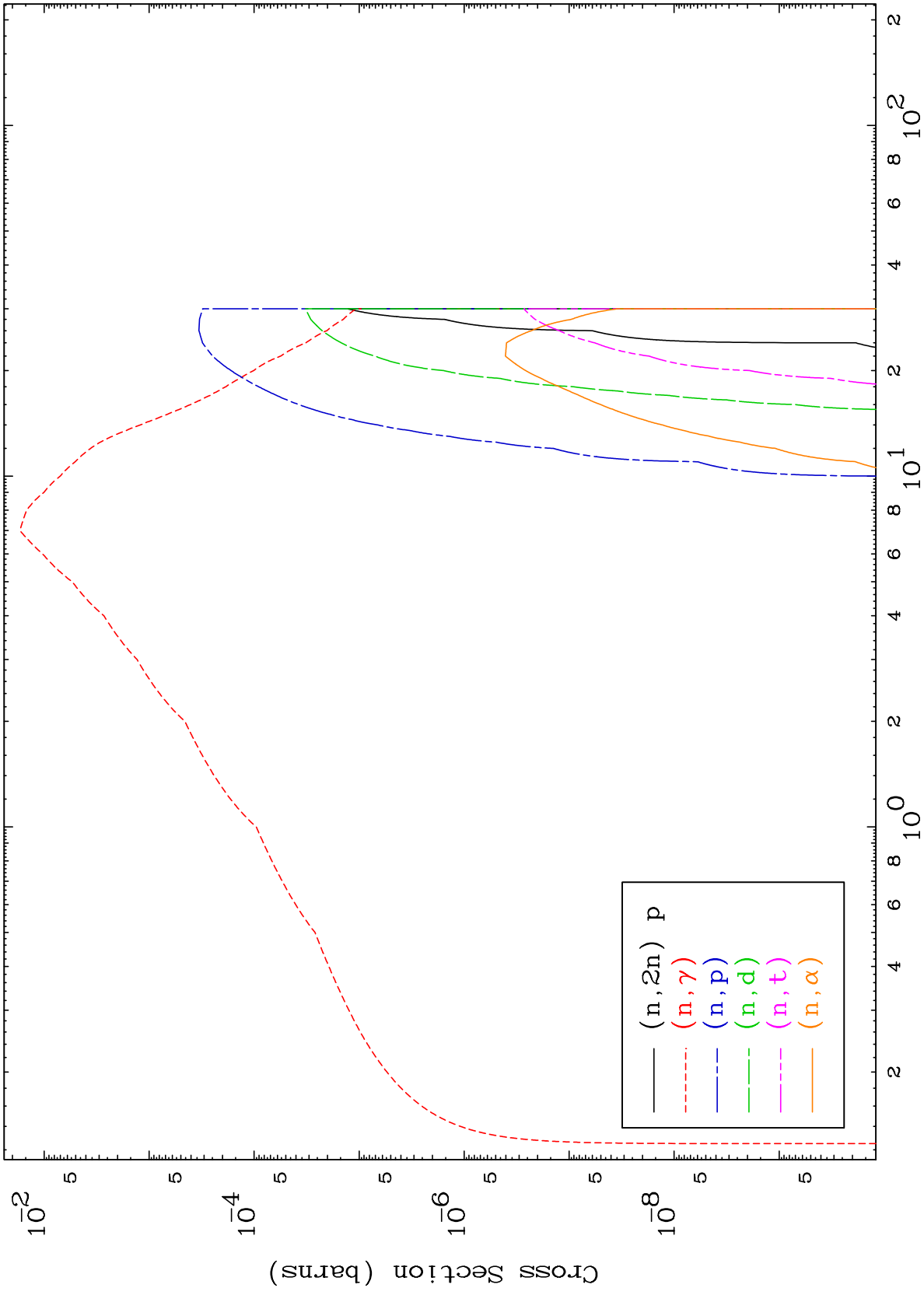
Incident Energy (MeV)

79-Au-198m

MAT 7929

Photon Neutron Absorption
0 Kelvin Cross Sections

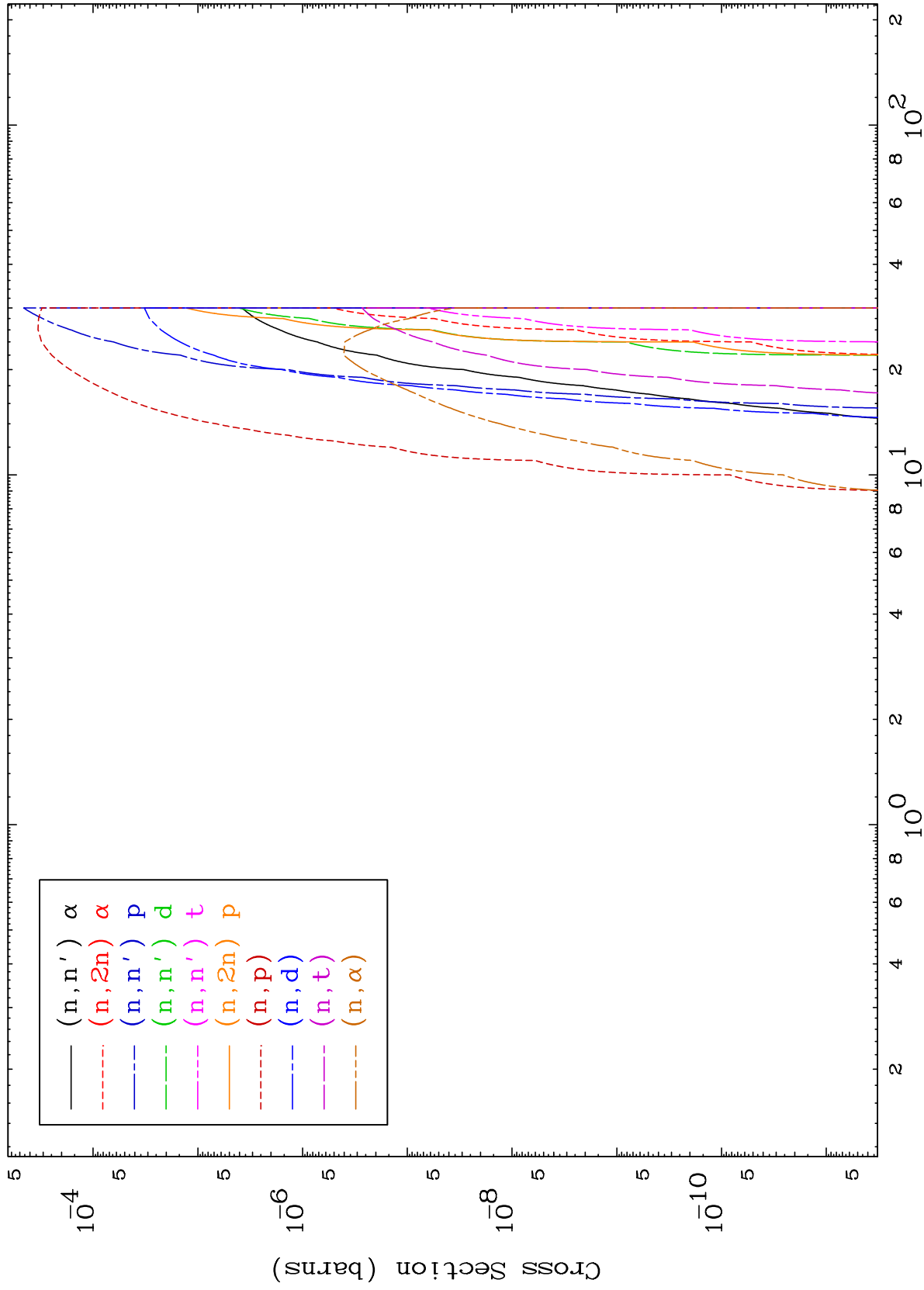
79-Au-198m



3

Incident Energy (MeV)

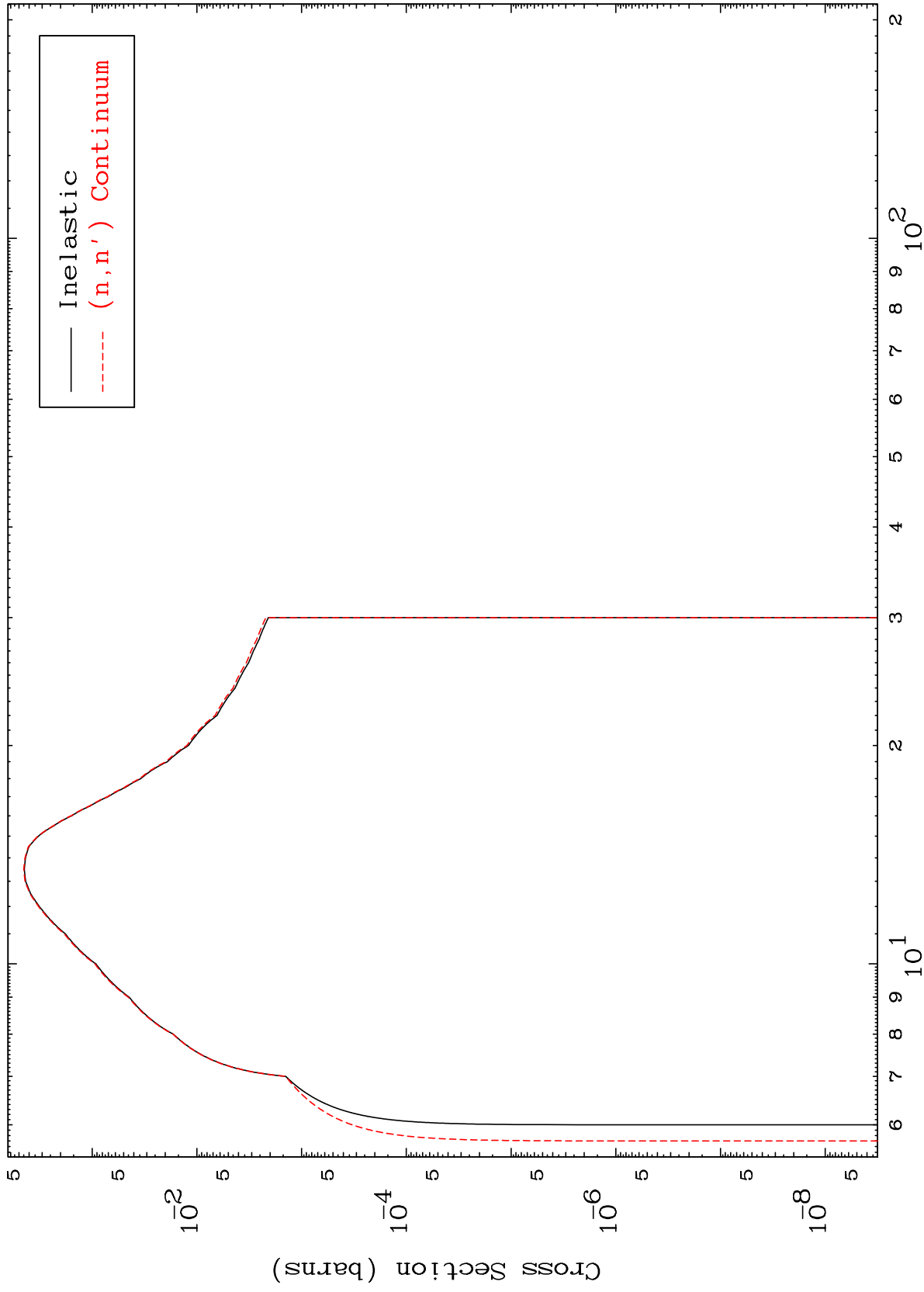
79-Au-198m



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(γ, n') Levels
0 Kelvin Cross Sections

⁷⁹Au-198m



5

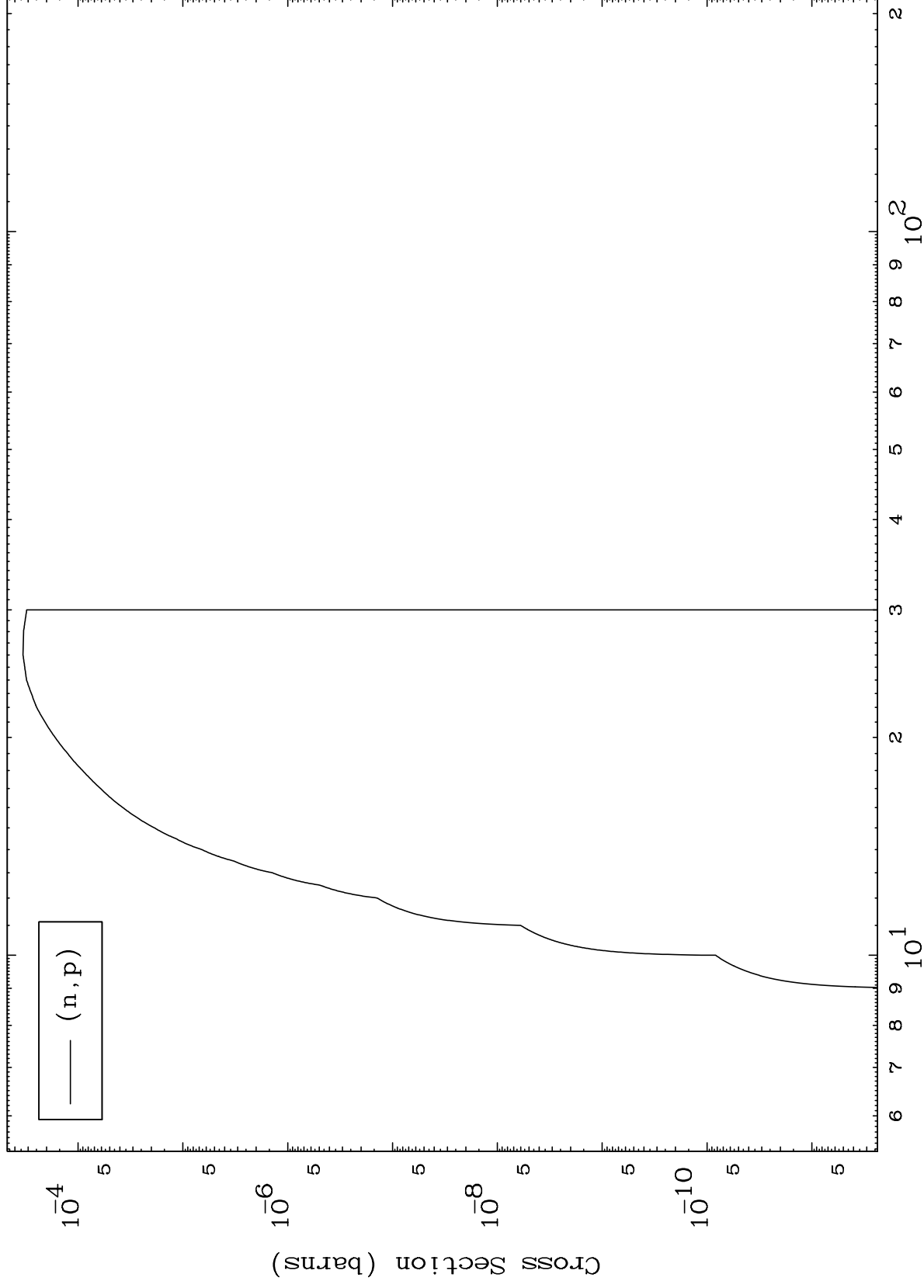
Incident Energy (MeV)

⁷⁹Au-198m

MAT 7929

79-Au-198m

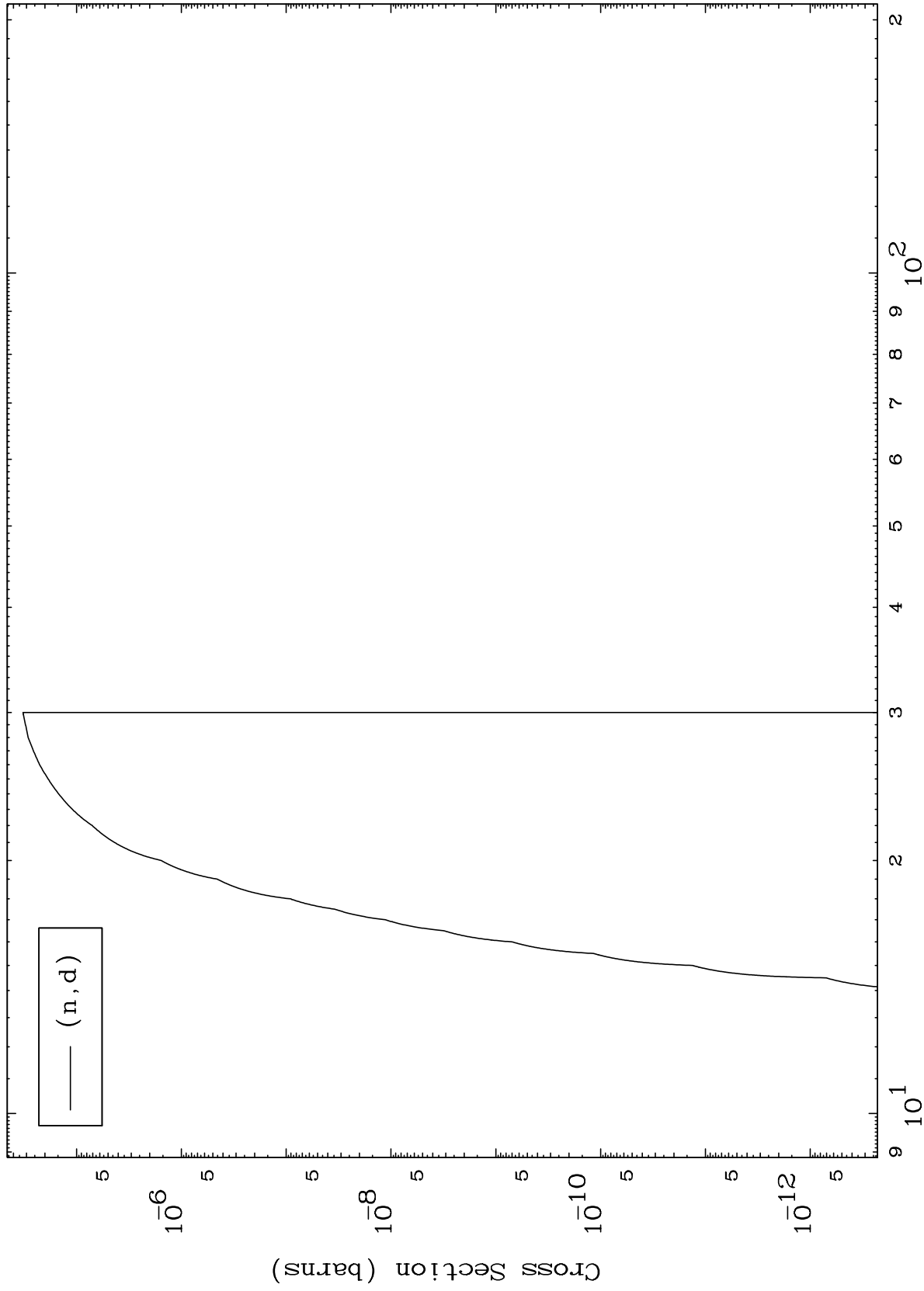
(γ, p) Levels
0 Kelvin Cross Sections



MAT 7929

79-Au-198m

(γ ,d) Levels
0 Kelvin Cross Sections



7

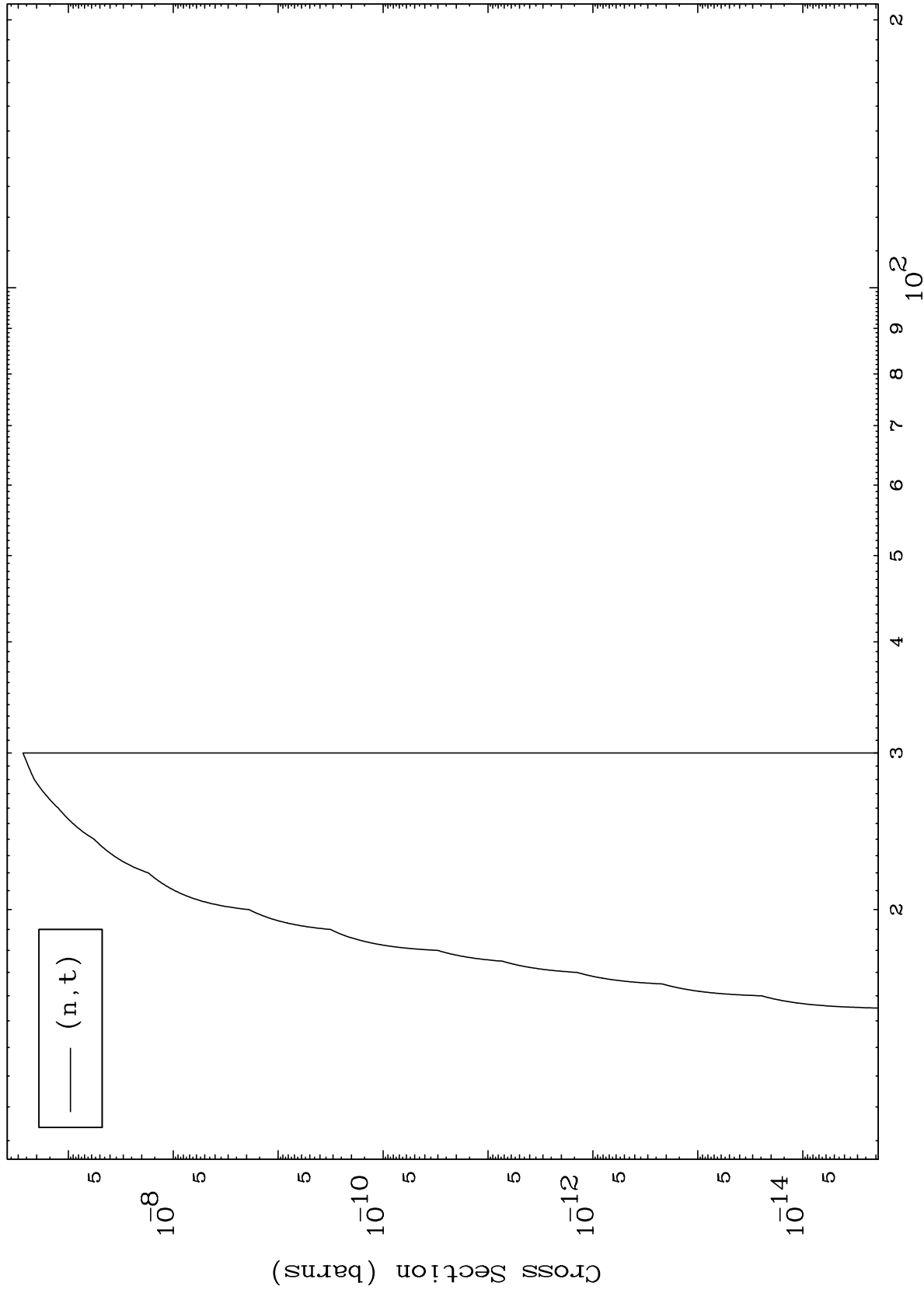
Incident Energy (MeV)

79-Au-198m

MAT 7929

79-Au-198m

(γ, t) Levels
0 Kelvin Cross Sections



8

Incident Energy (MeV)

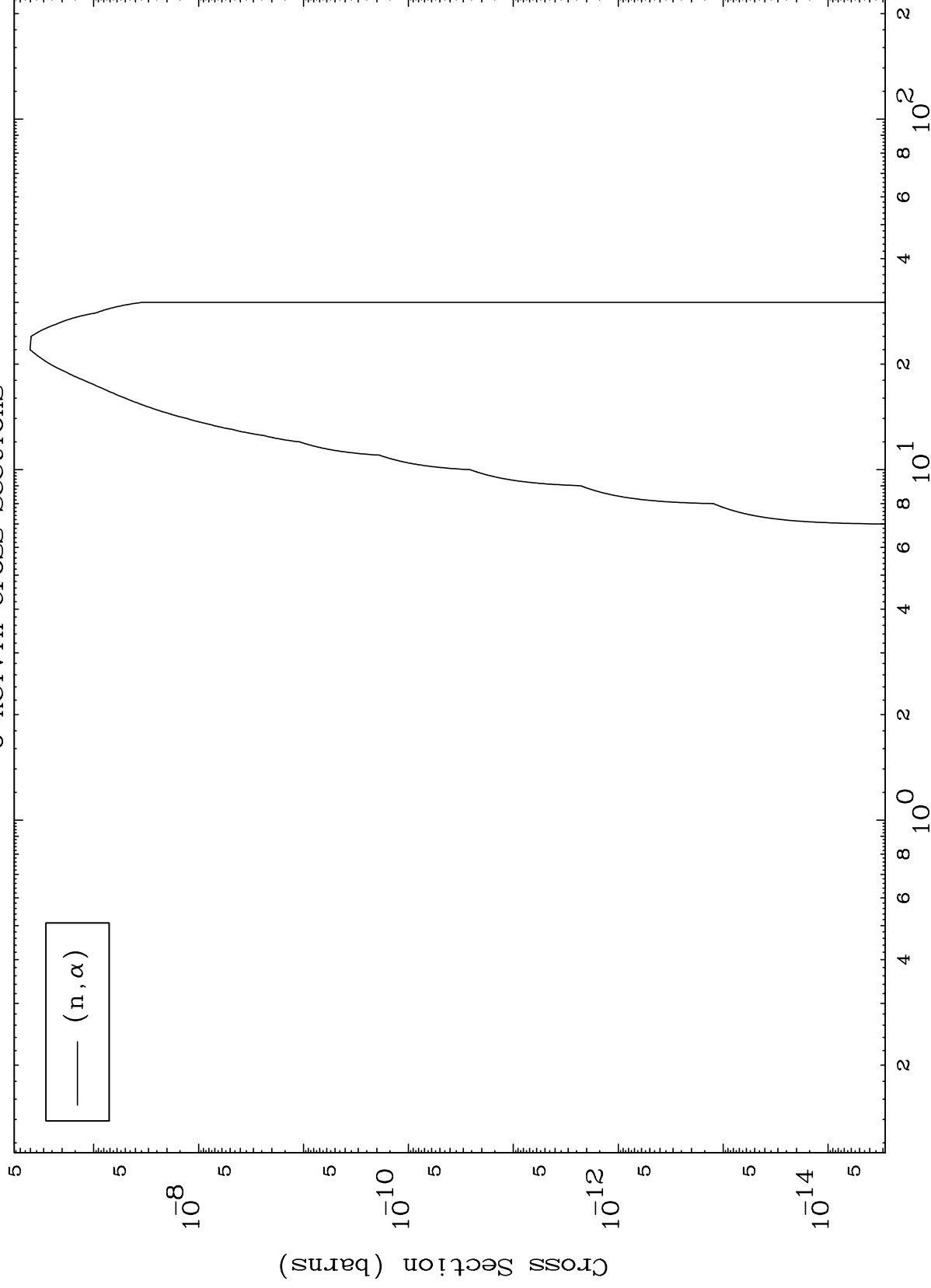
79-Au-198m

MAT 7929

(γ, α) Levels

79-Au-198m

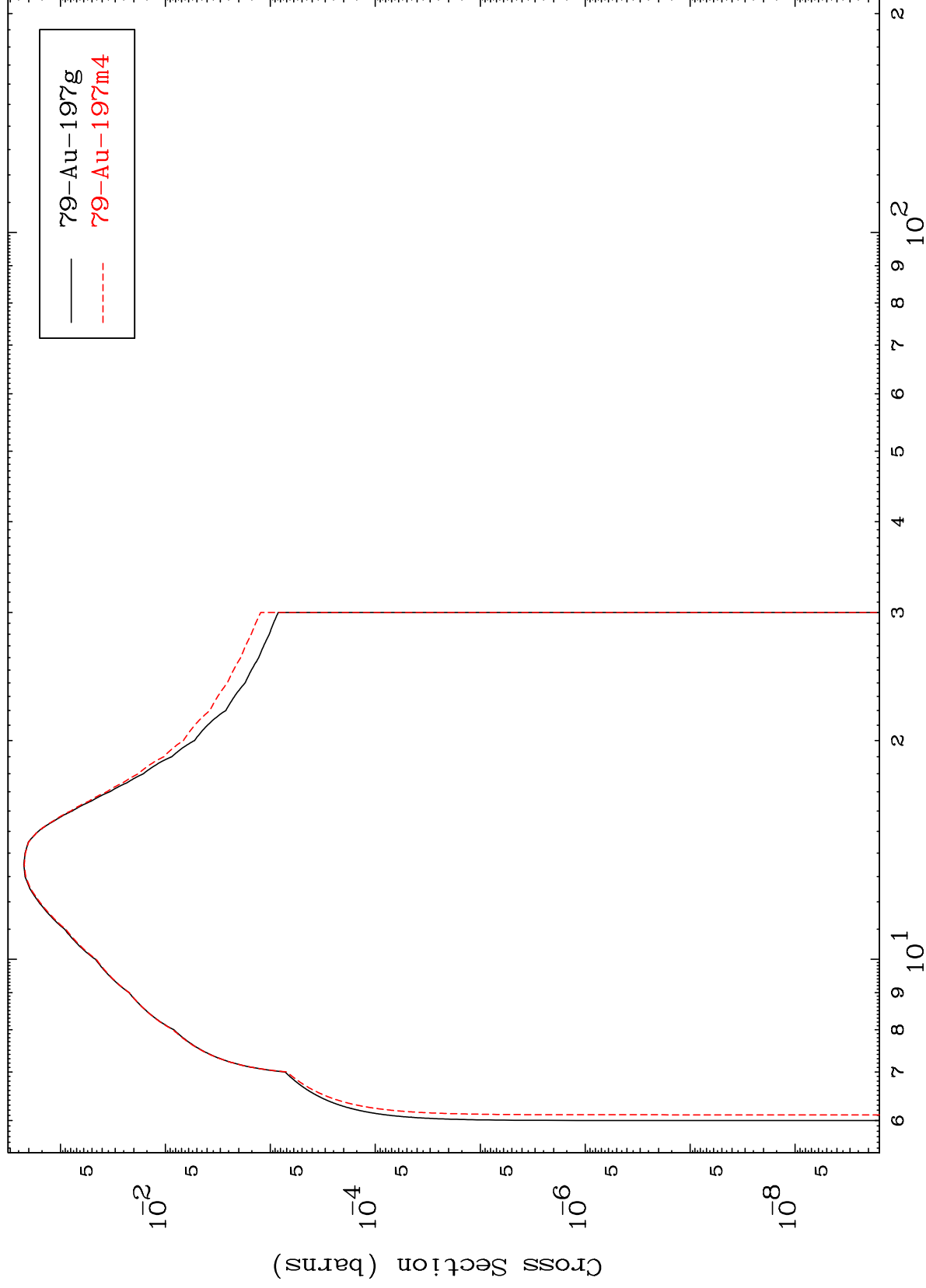
0 Kelvin Cross Sections



MAT 7929

79-Au-198m

Inelastic
Radionuclide Production Cross Section



10

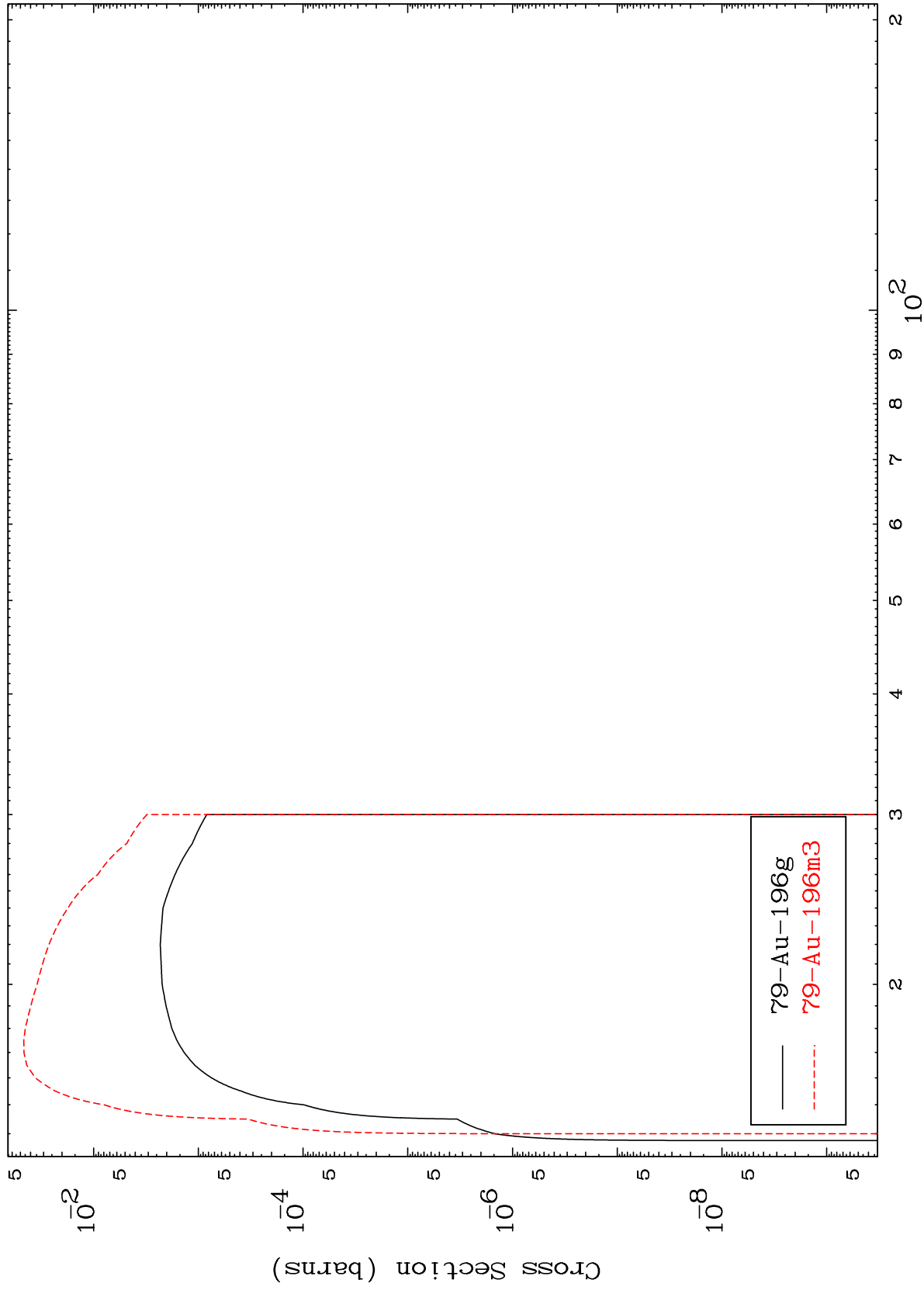
Incident Energy (MeV)

79-Au-198m

MAT 7929

⁷⁹Au-198m

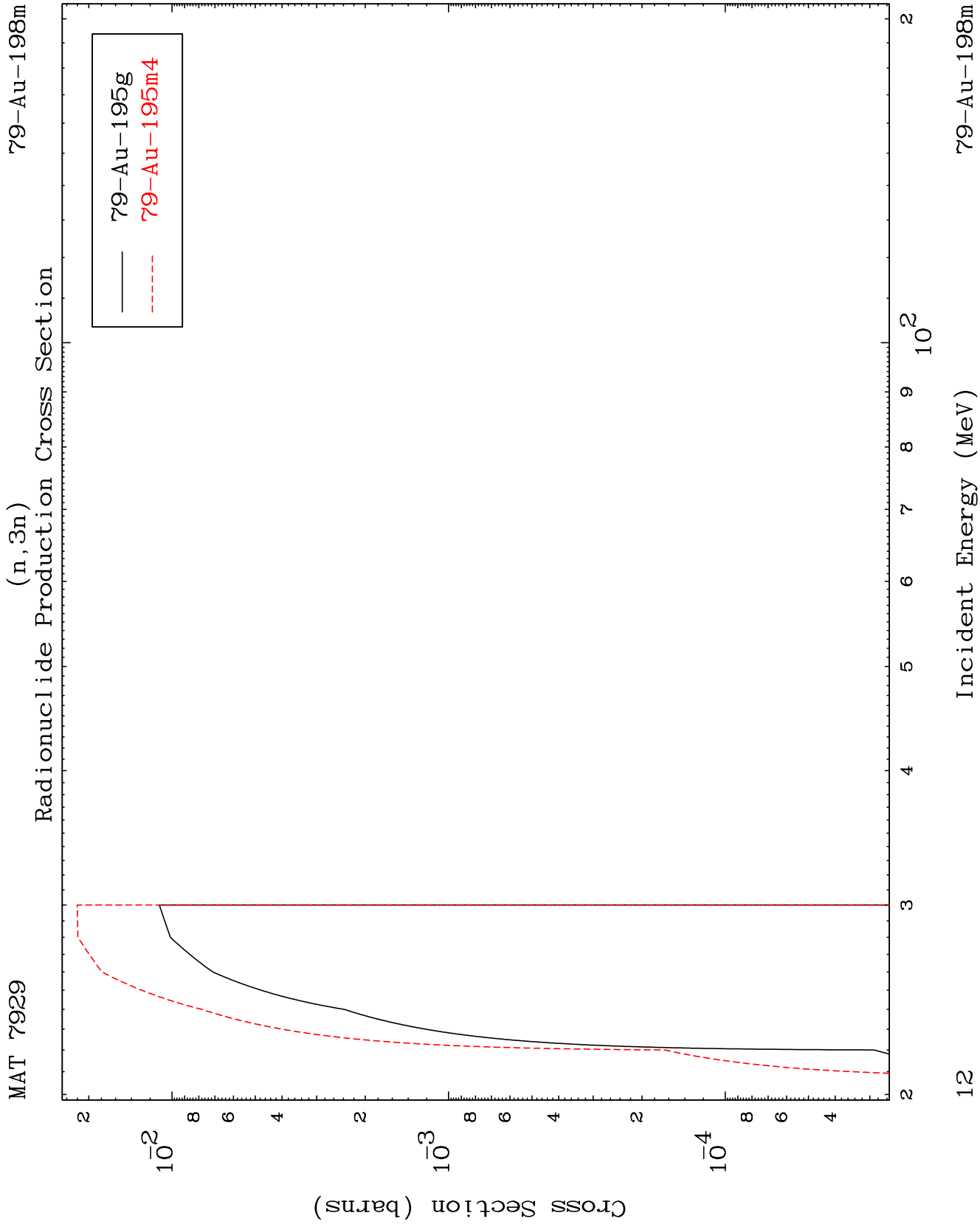
(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

⁷⁹Au-198m

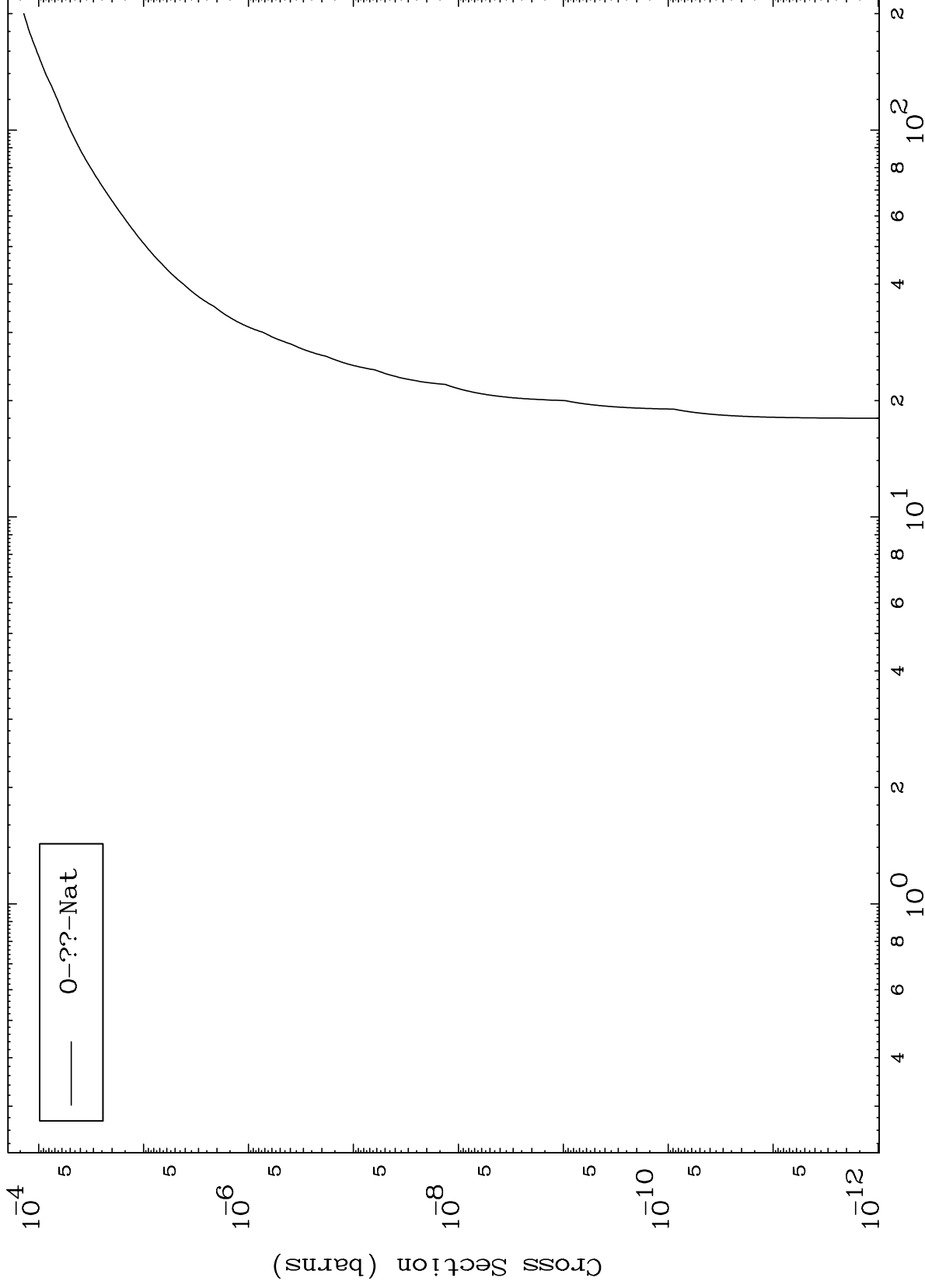


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Fission

⁷⁹Au-198m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

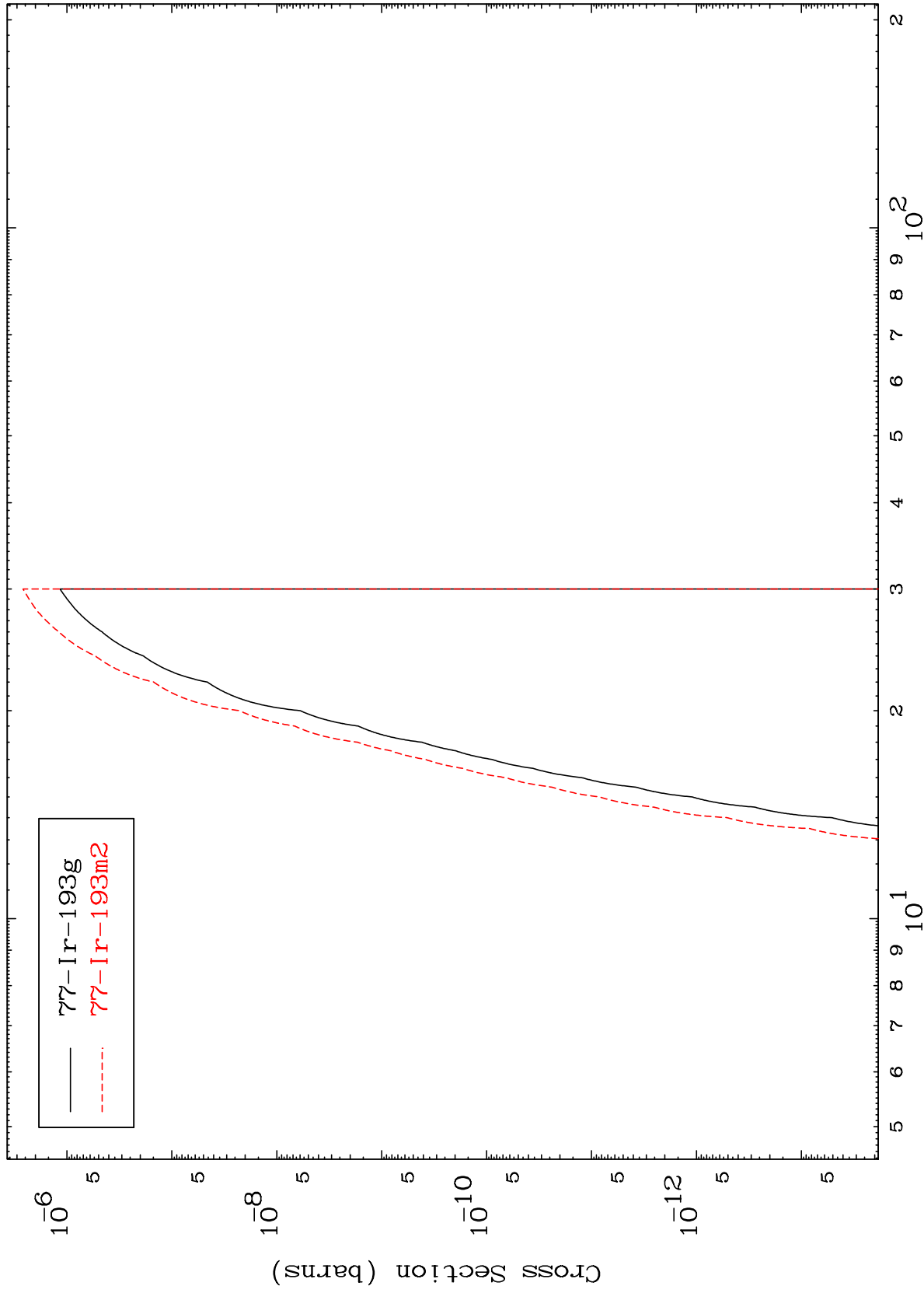
⁷⁹Au-198m

MAT 7929

$(n,n') \alpha$

$^{79}\text{Au-198m}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

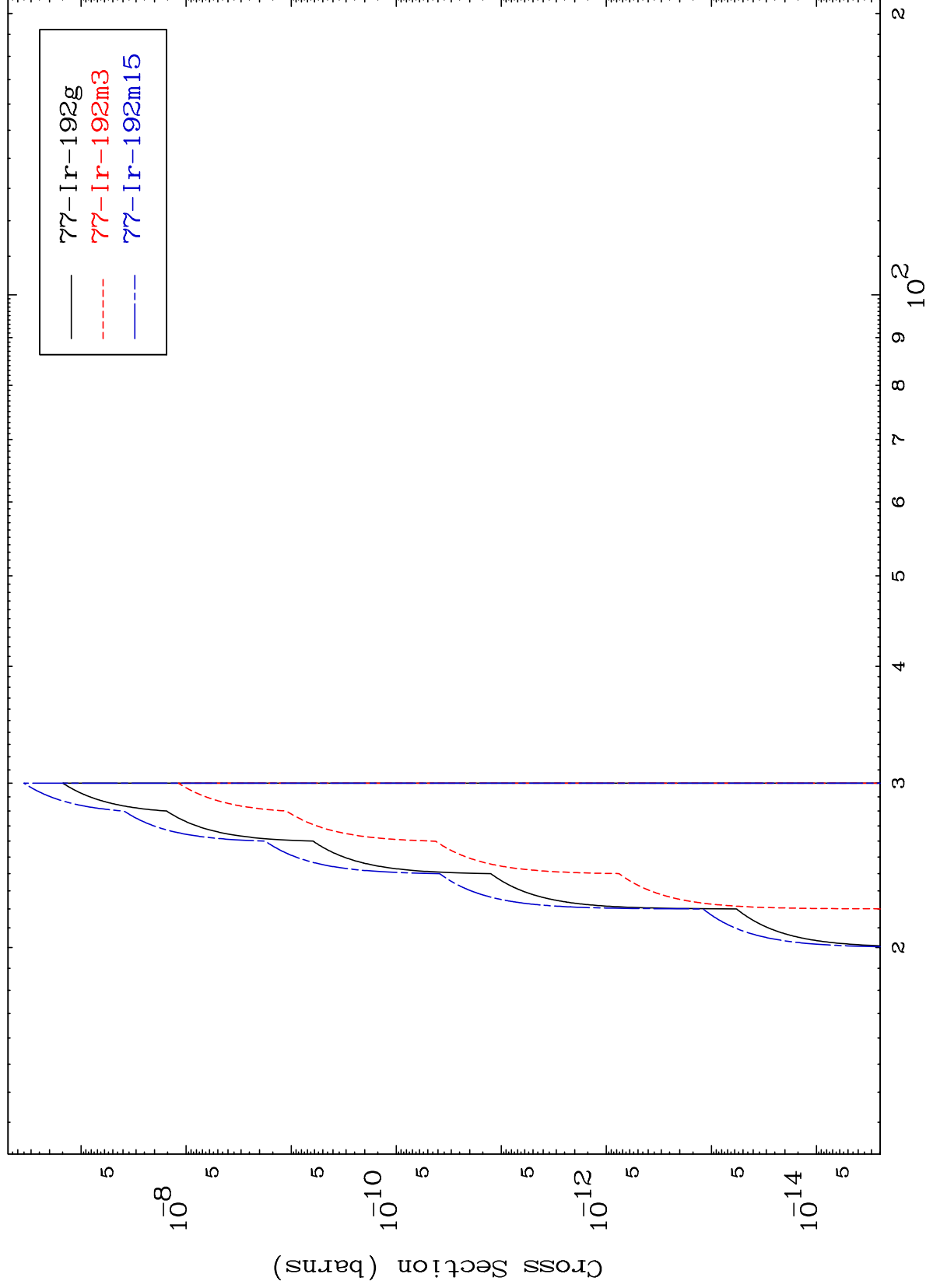
$^{79}\text{Au-198m}$

MAT 7929

$(n,2n) \alpha$

$^{79}\text{Au-198m}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

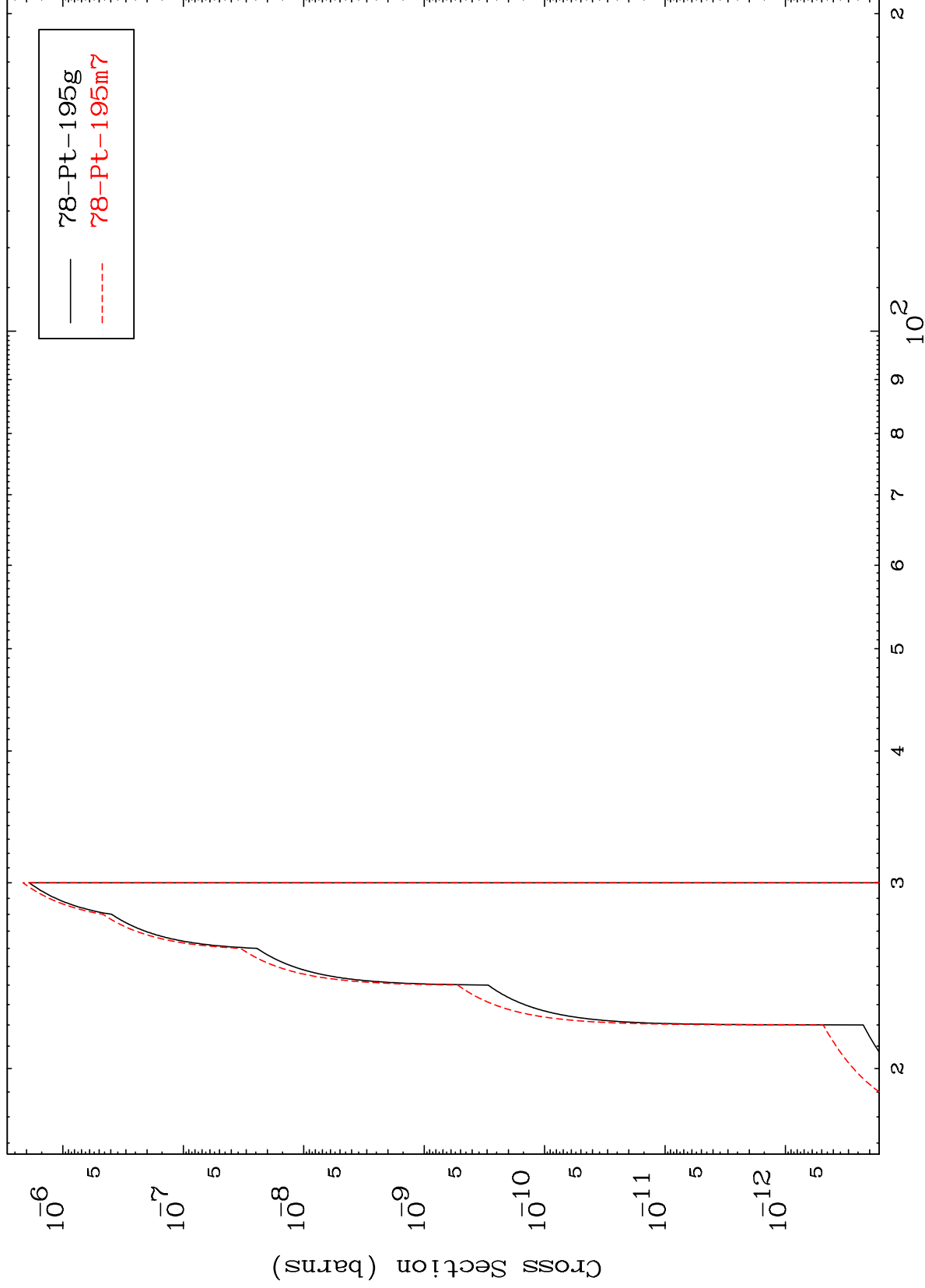
$^{79}\text{Au-198m}$

MAT 7929

(n,n') d

⁷⁹Au-198m

Radionuclide Production Cross Section



16

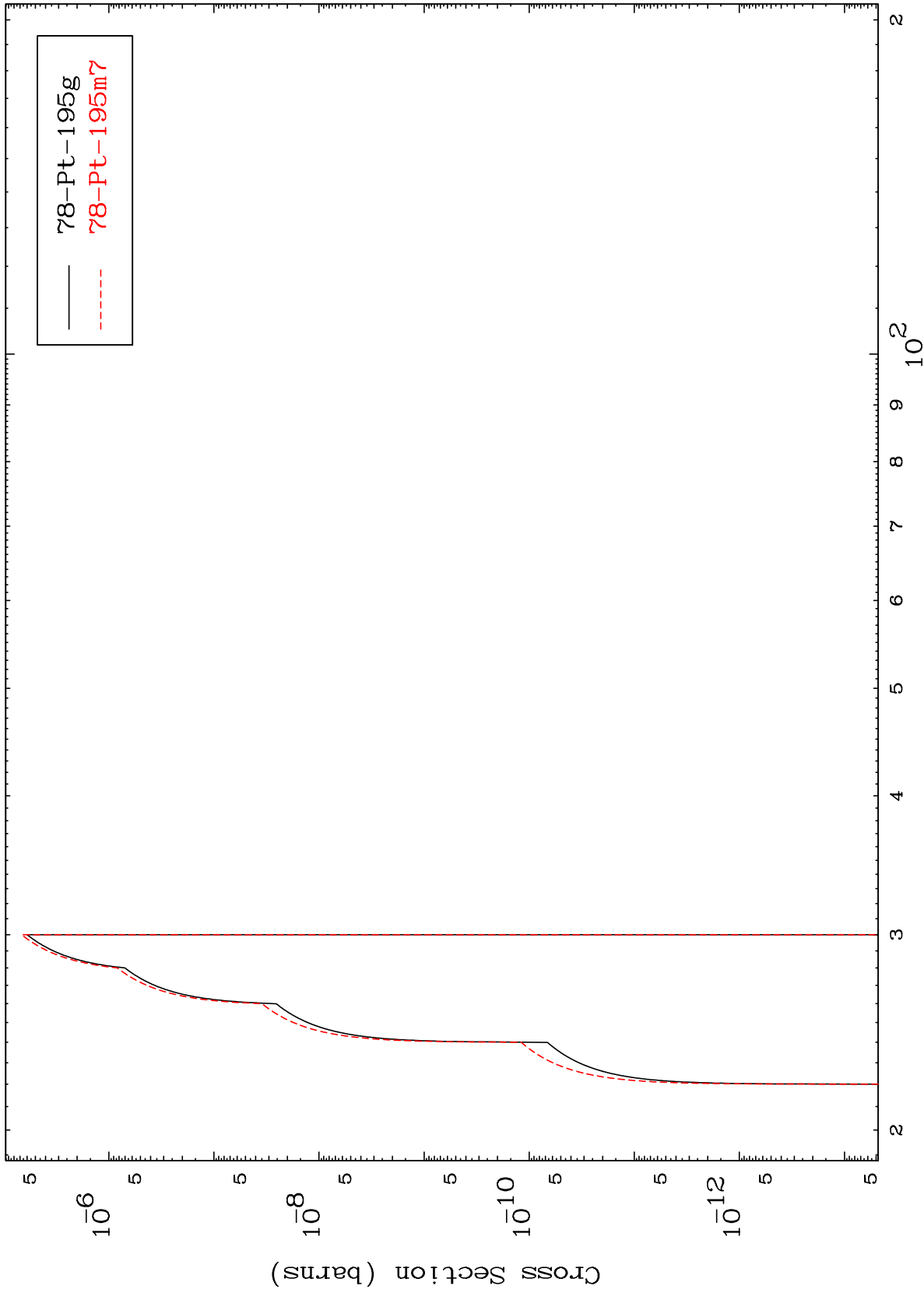
Incident Energy (MeV)

⁷⁹Au-198m

MAT 7929

79-Au-198m

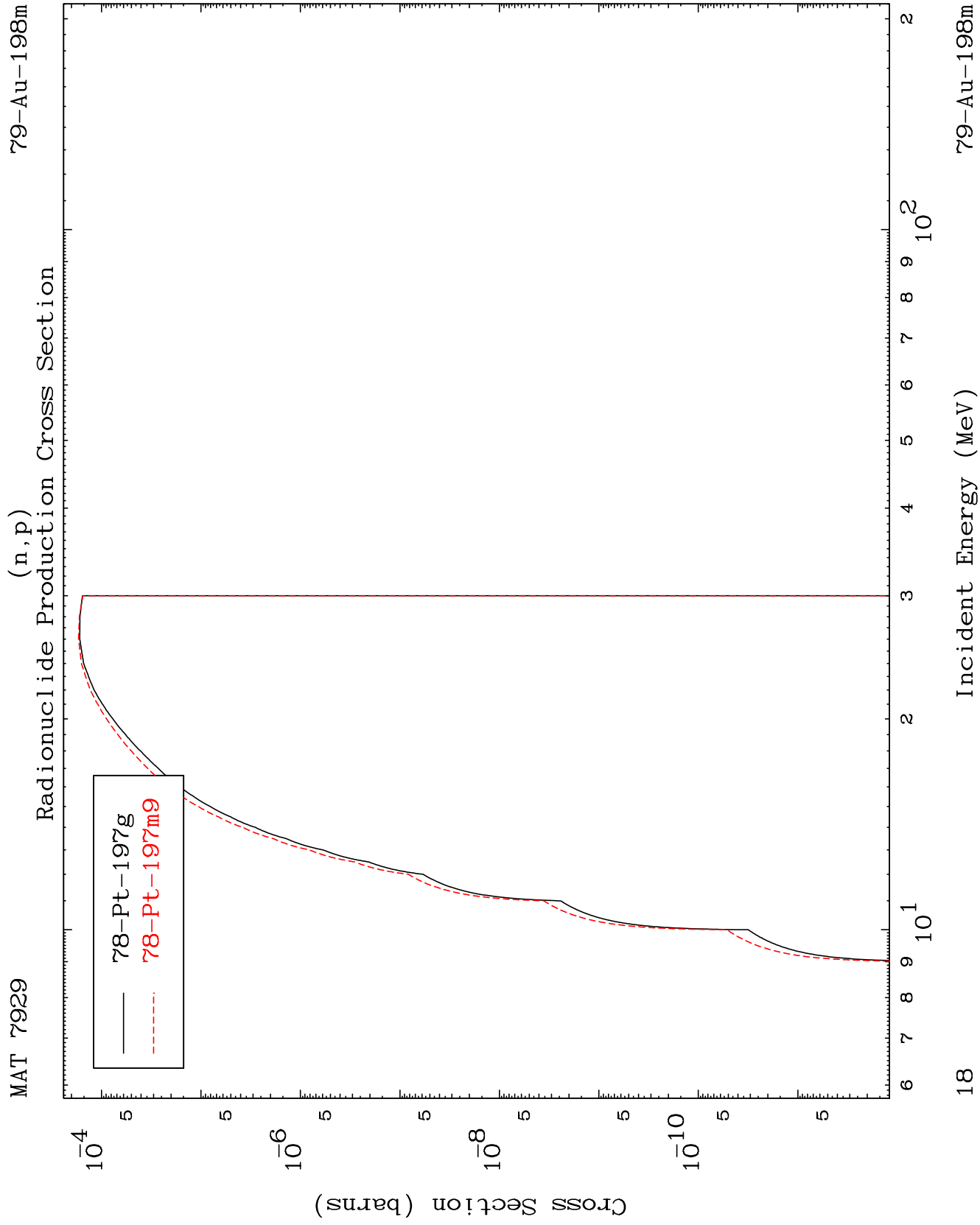
(n,2n) p
Radionuclide Production Cross Section



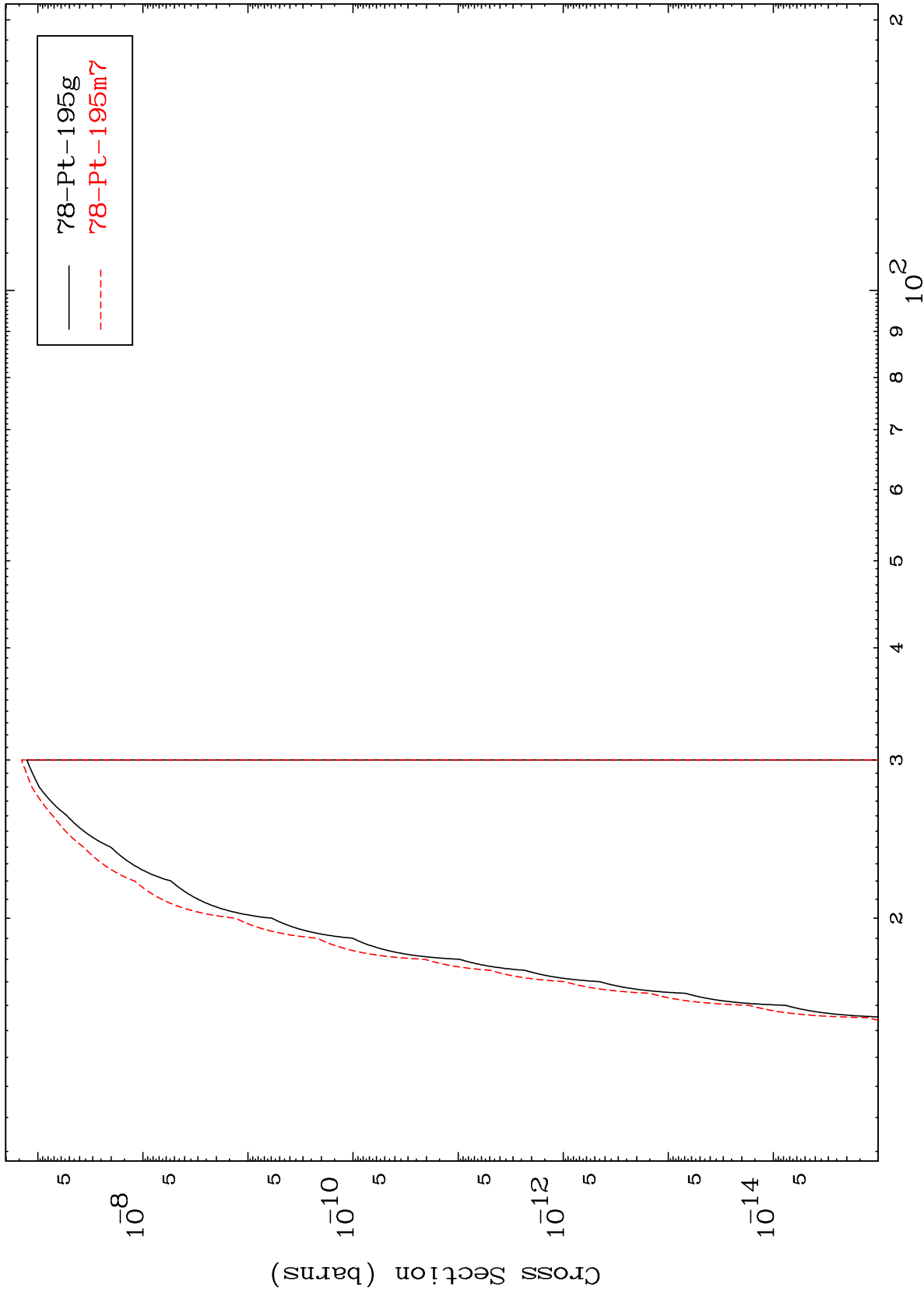
17

Incident Energy (MeV)

79-Au-198m



(n,t)
Radionuclide Production Cross Section

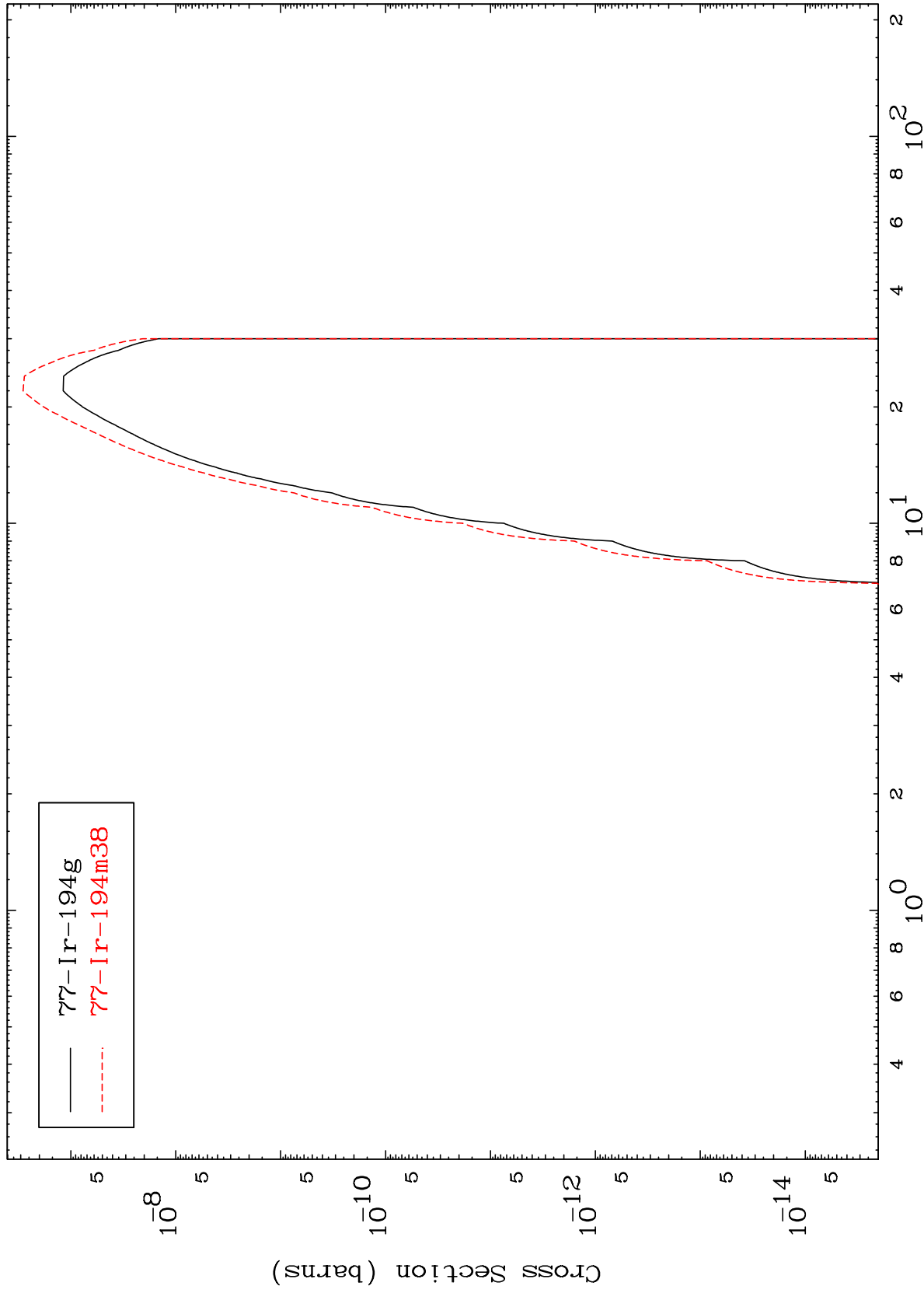


MAT 7929

(n, α)

⁷⁹Au-198m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

⁷⁹Au-198m