

Program EVALPLOT
(Version 2021-1)

by

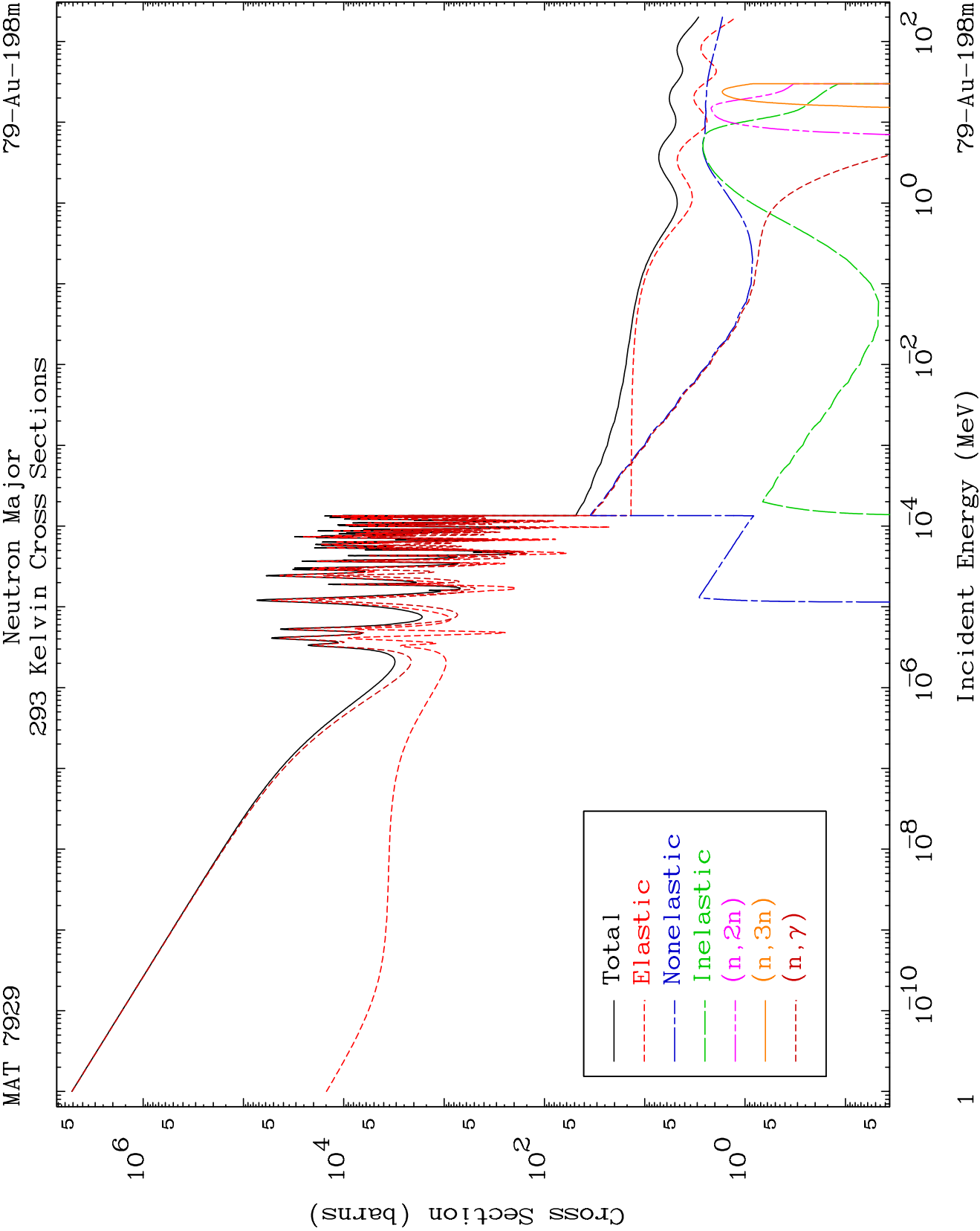
Dermott E. Cullen
(Present Contact Information)

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Tele: 925-443-1911

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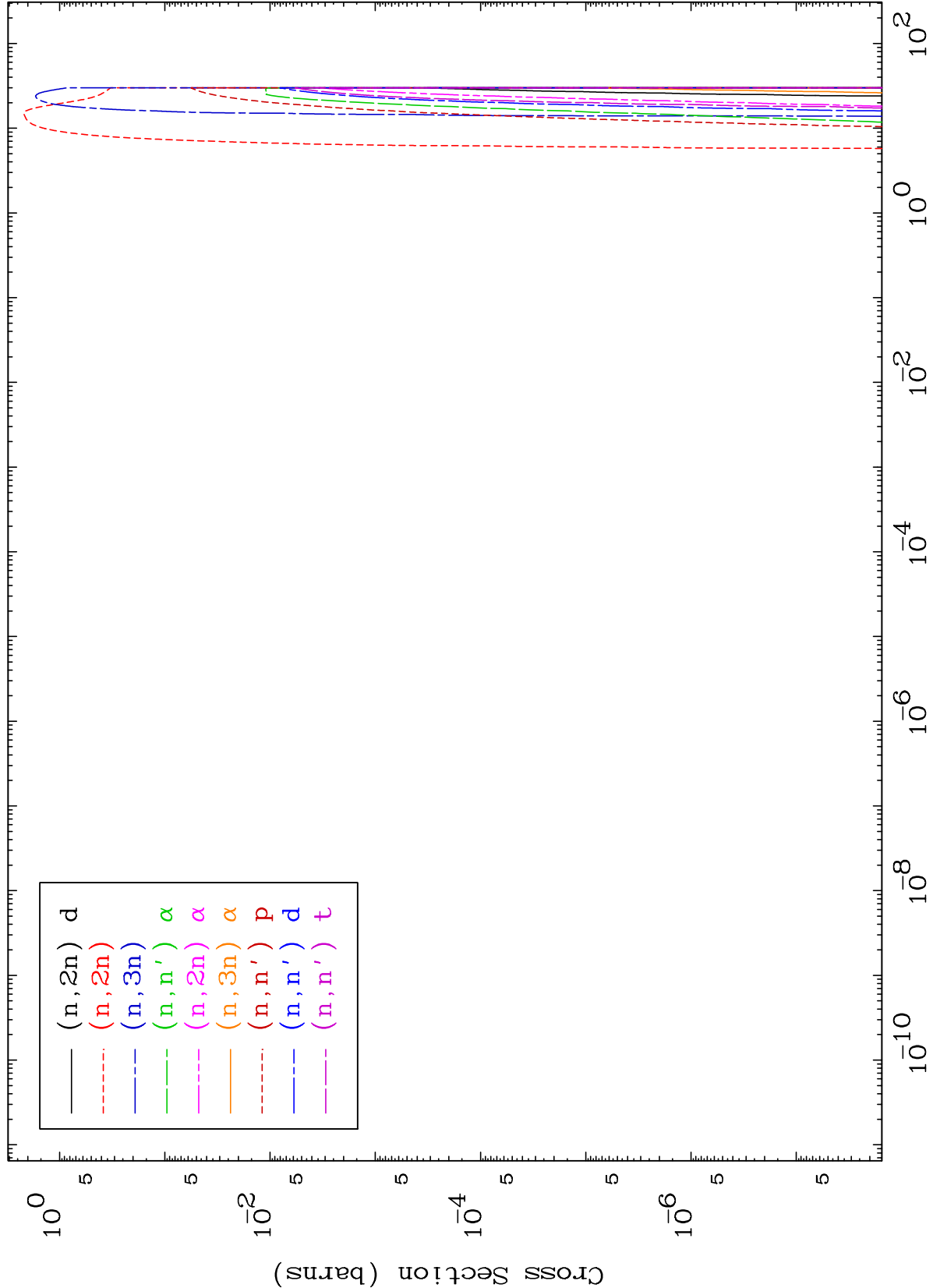
Press Mouse Button to Start

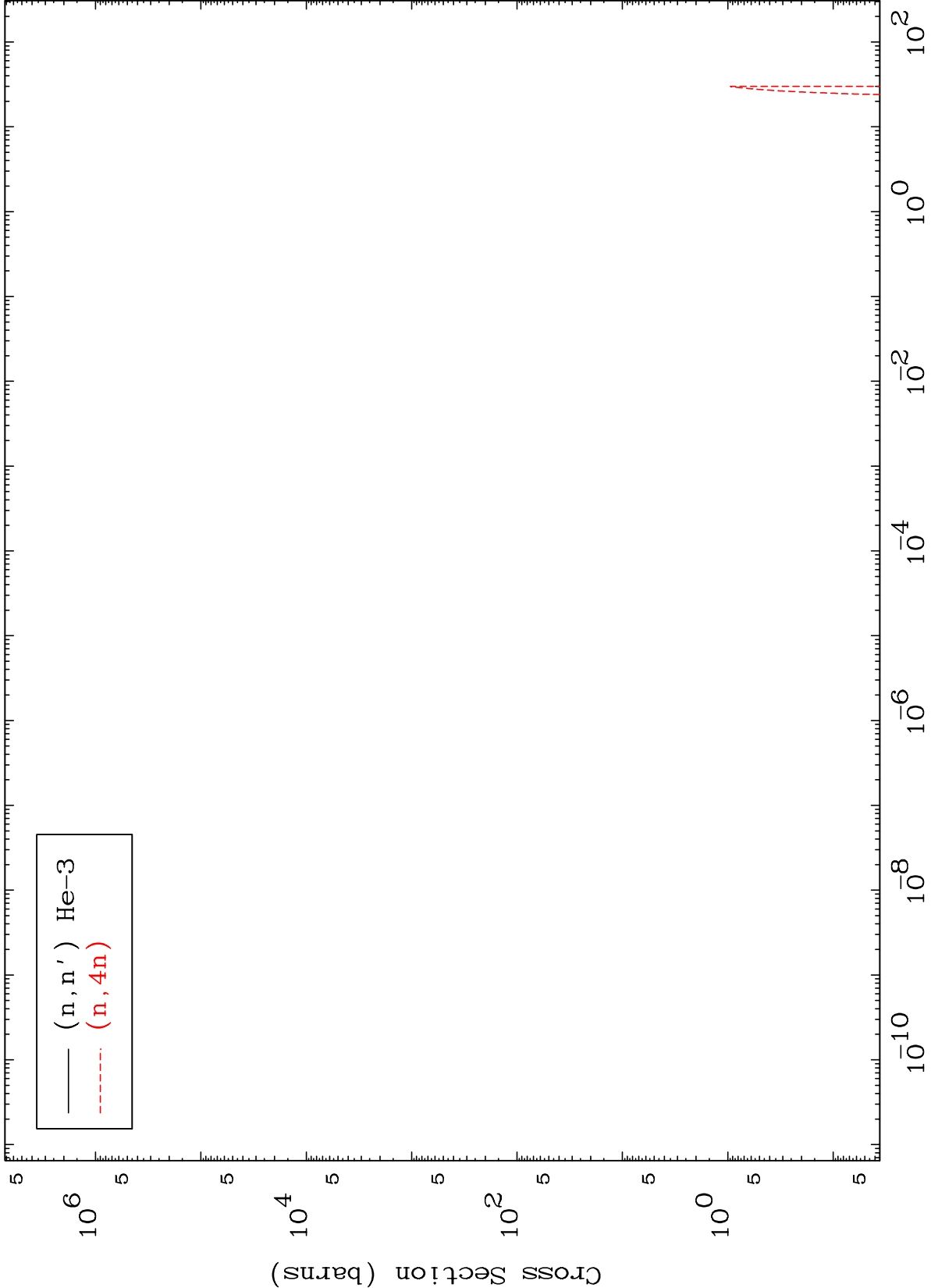


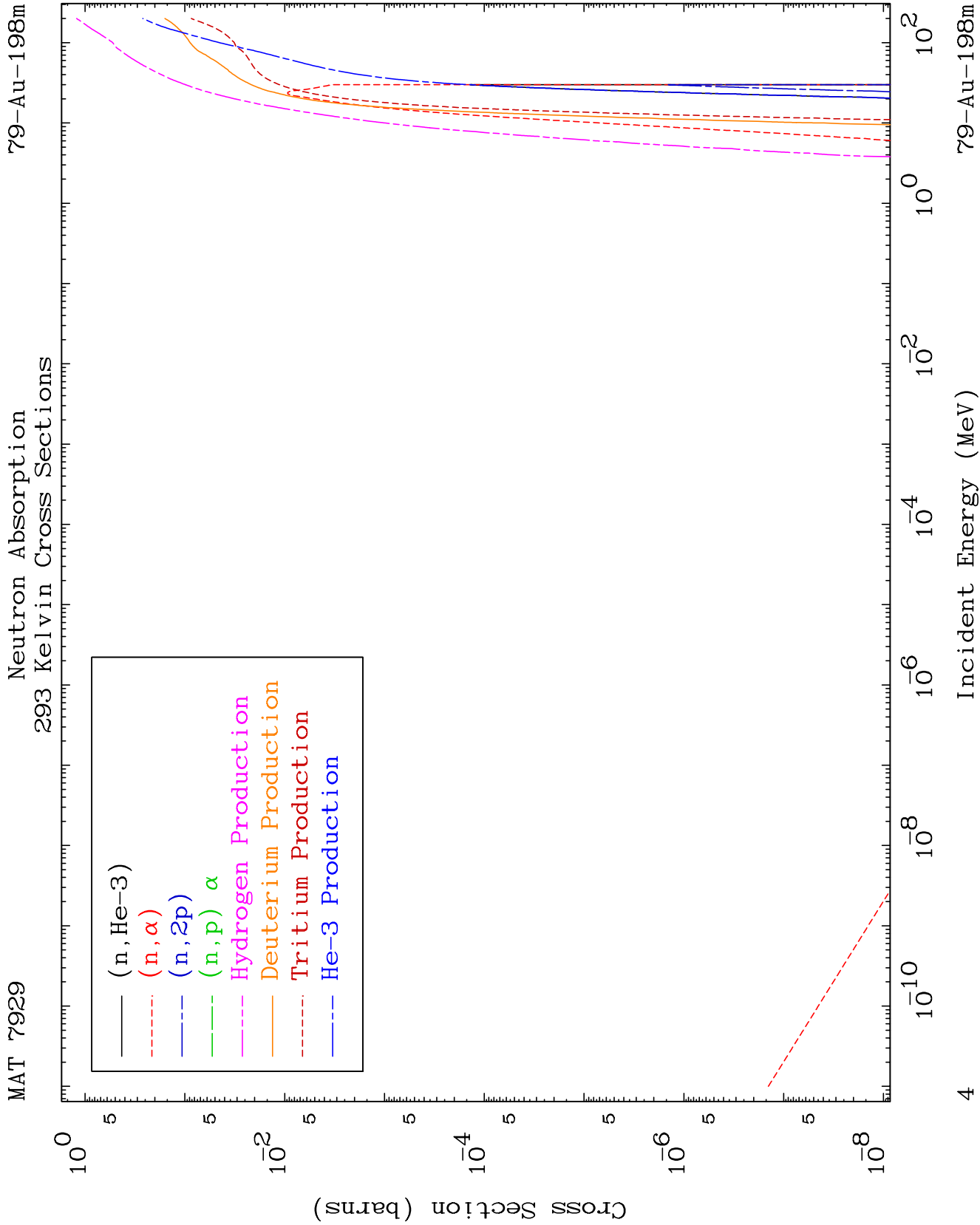
MAT 7929

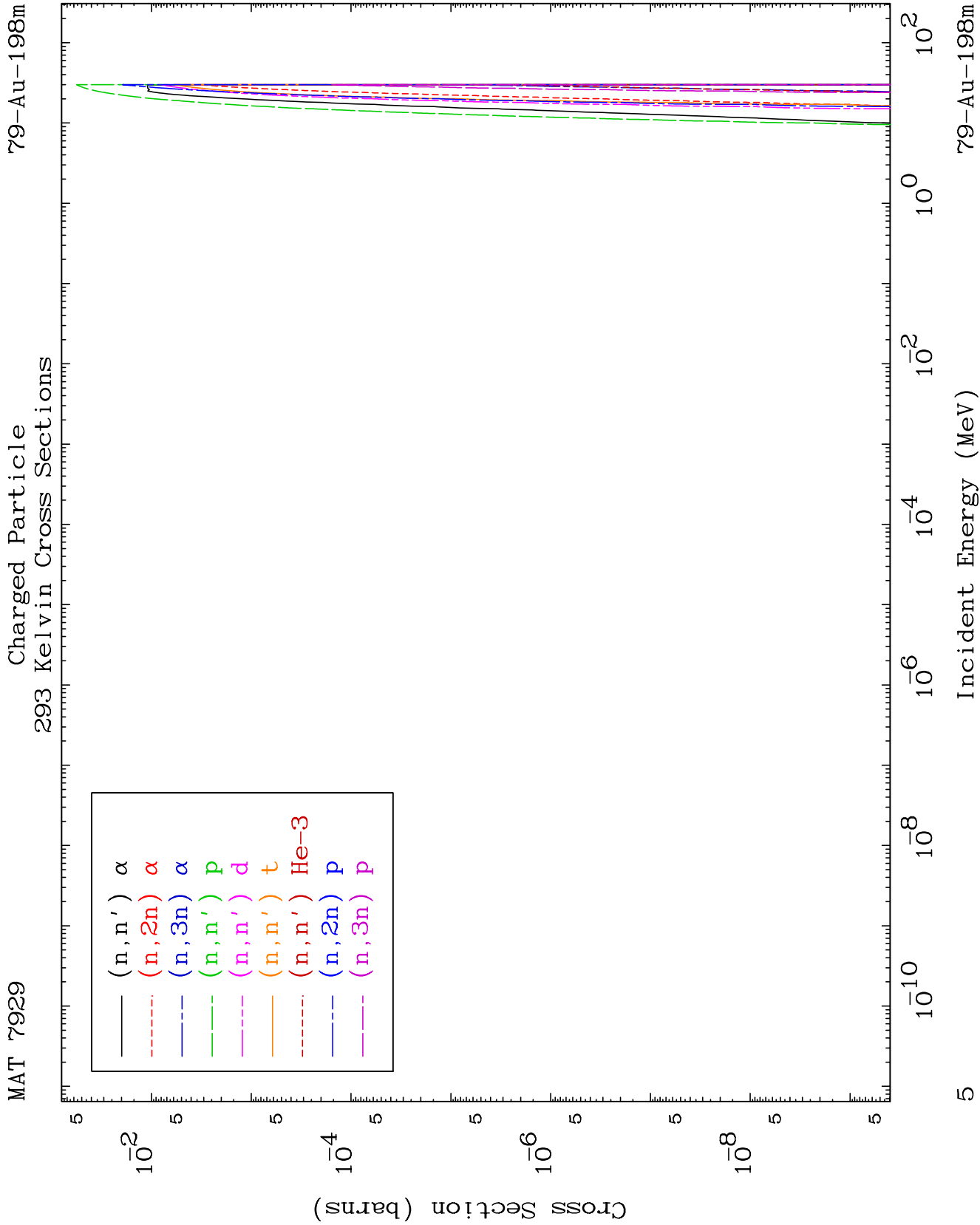
Neutron Absorption
293 Kelvin Cross Sections

79-Au-198m





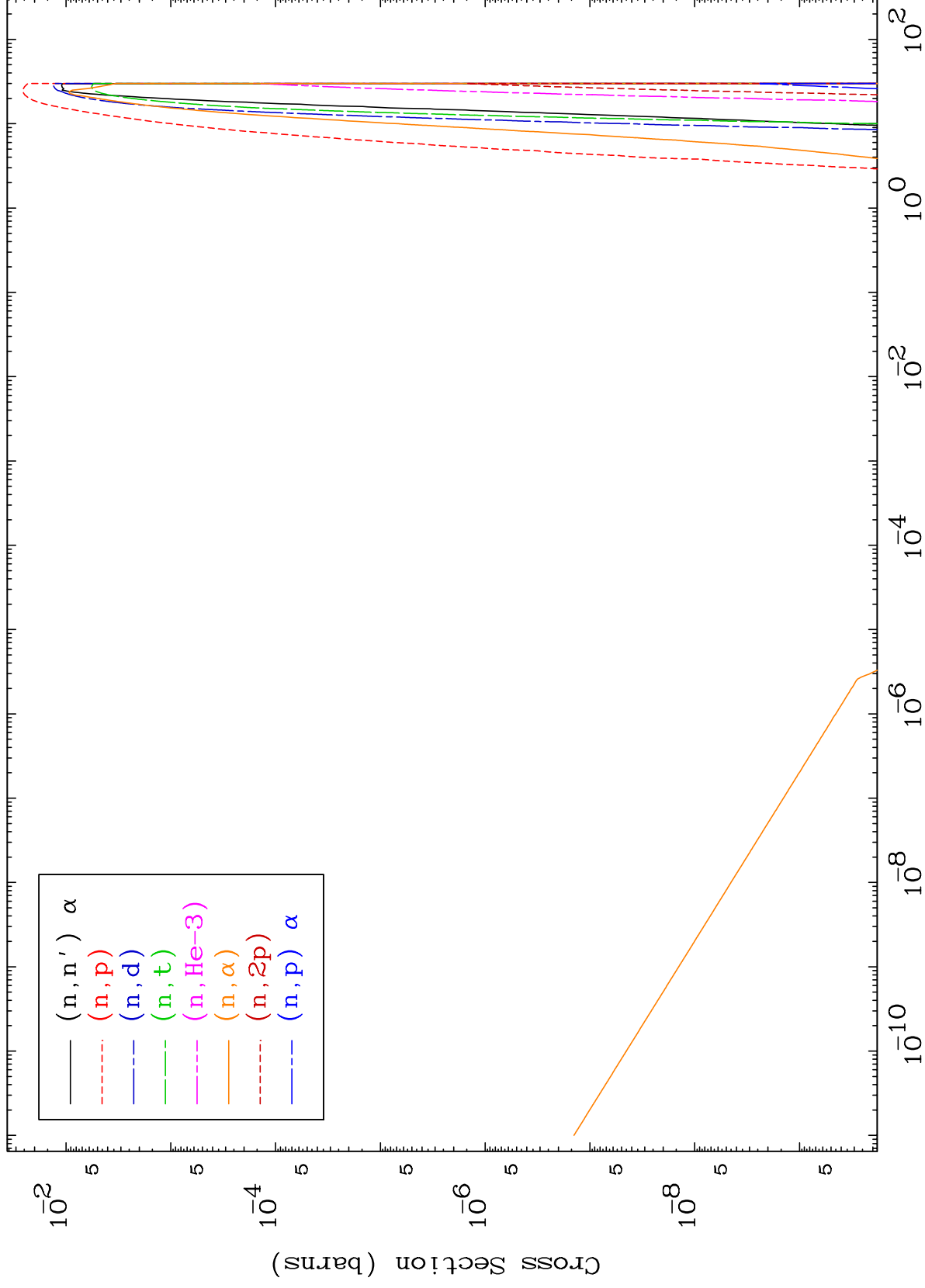


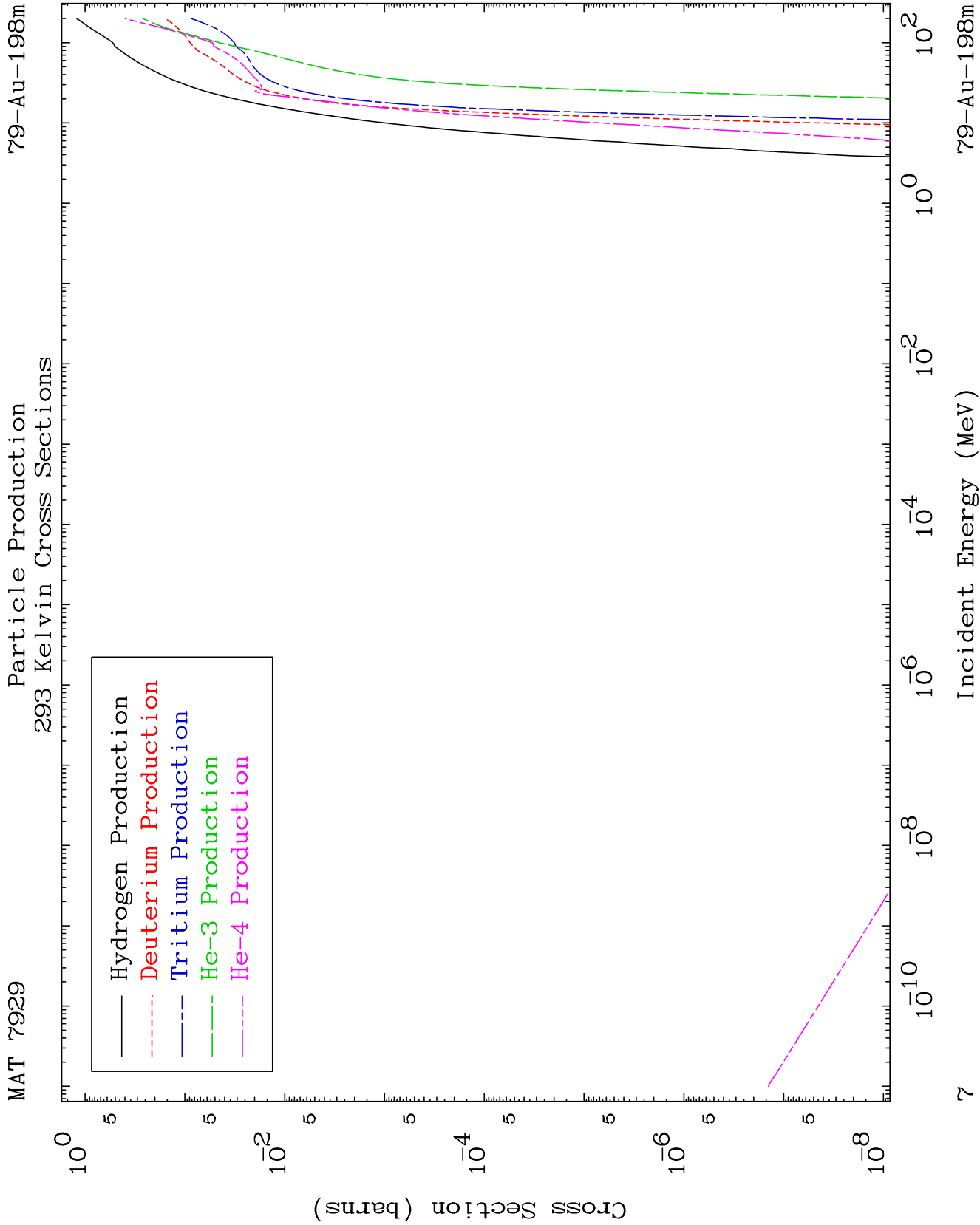


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Charged Particle
293 Kelvin Cross Sections

79-Au-198m

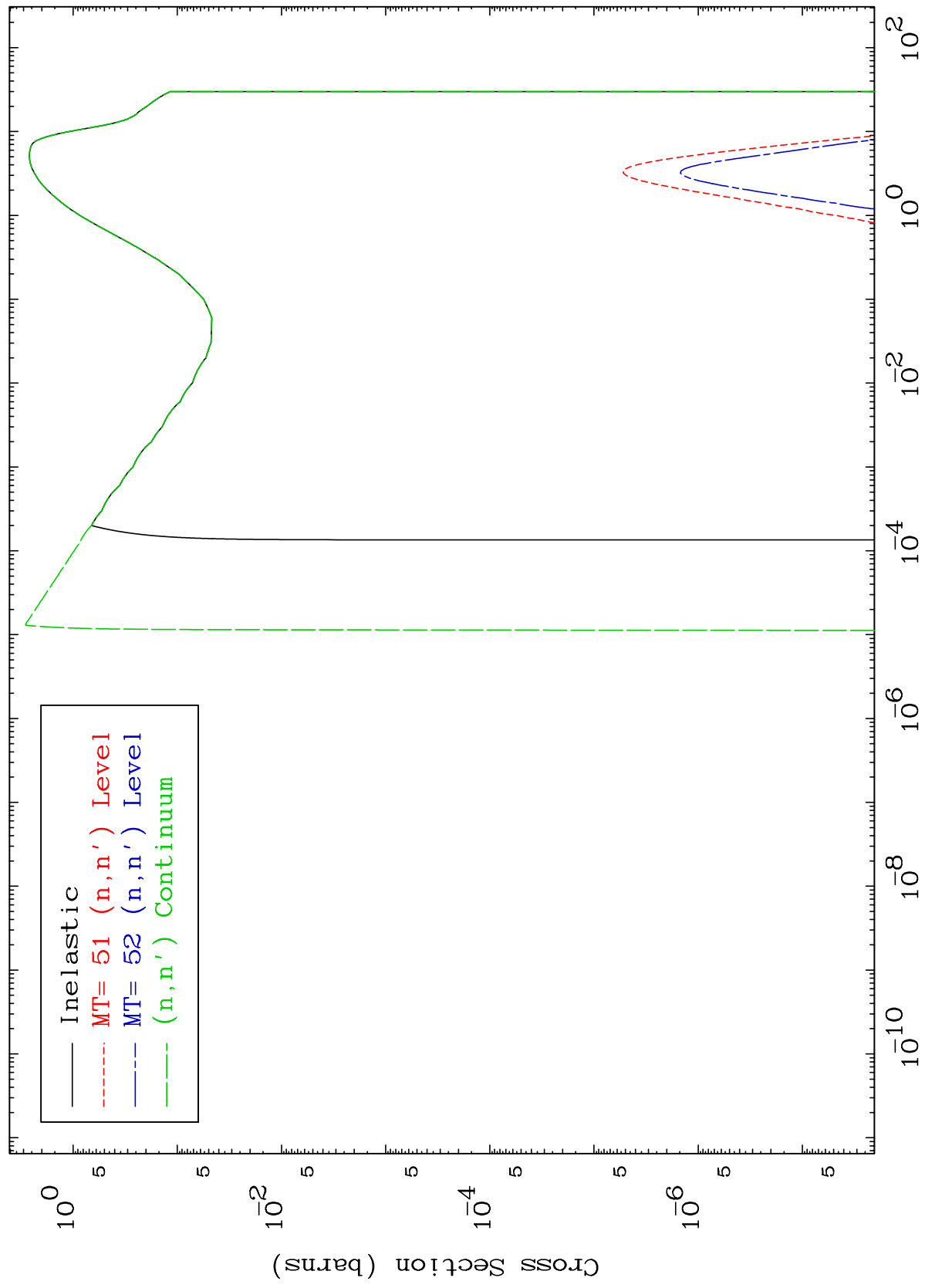




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79-Au-198m

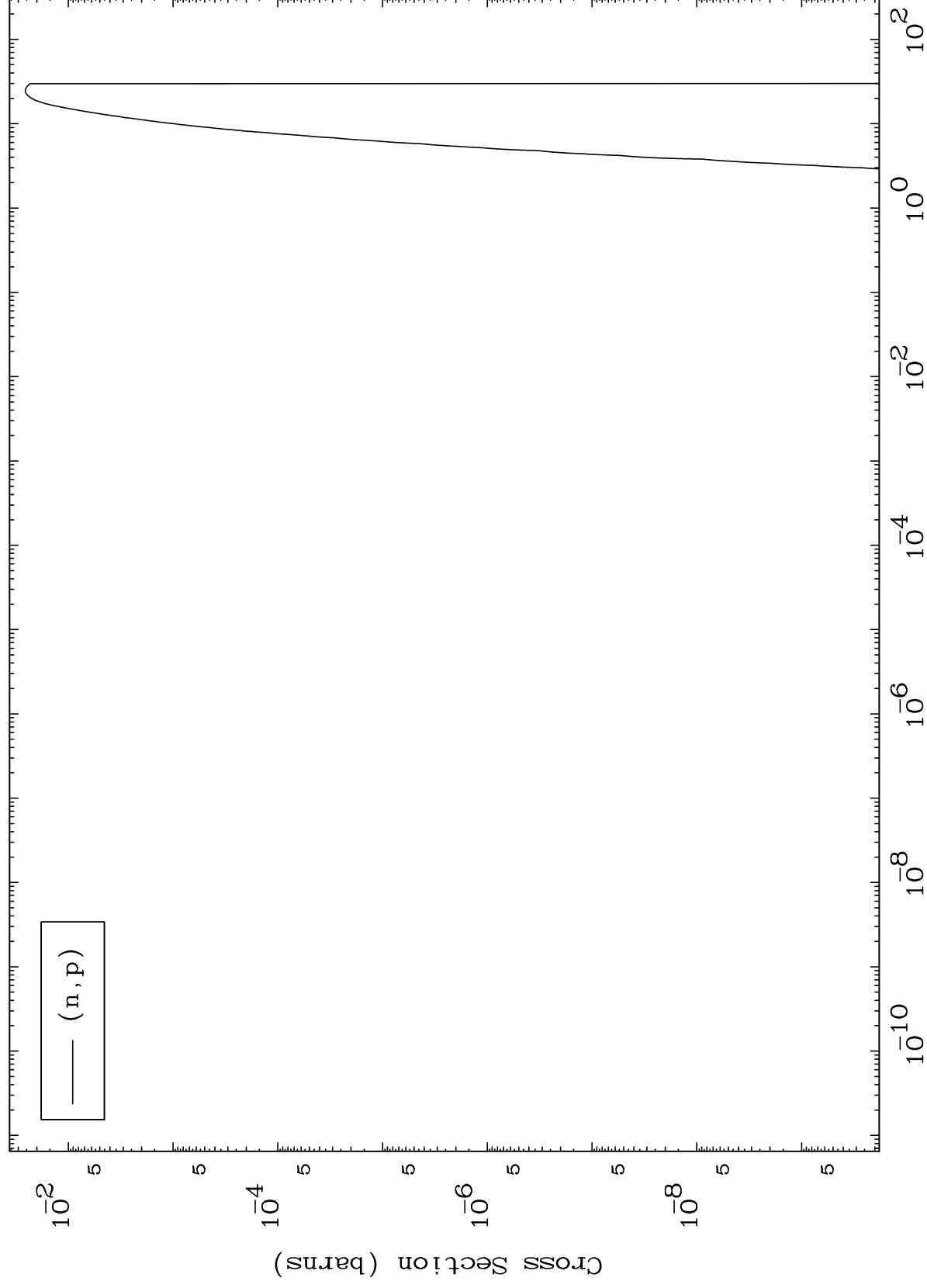
(n,n') Levels
293 Kelvin Cross Sections

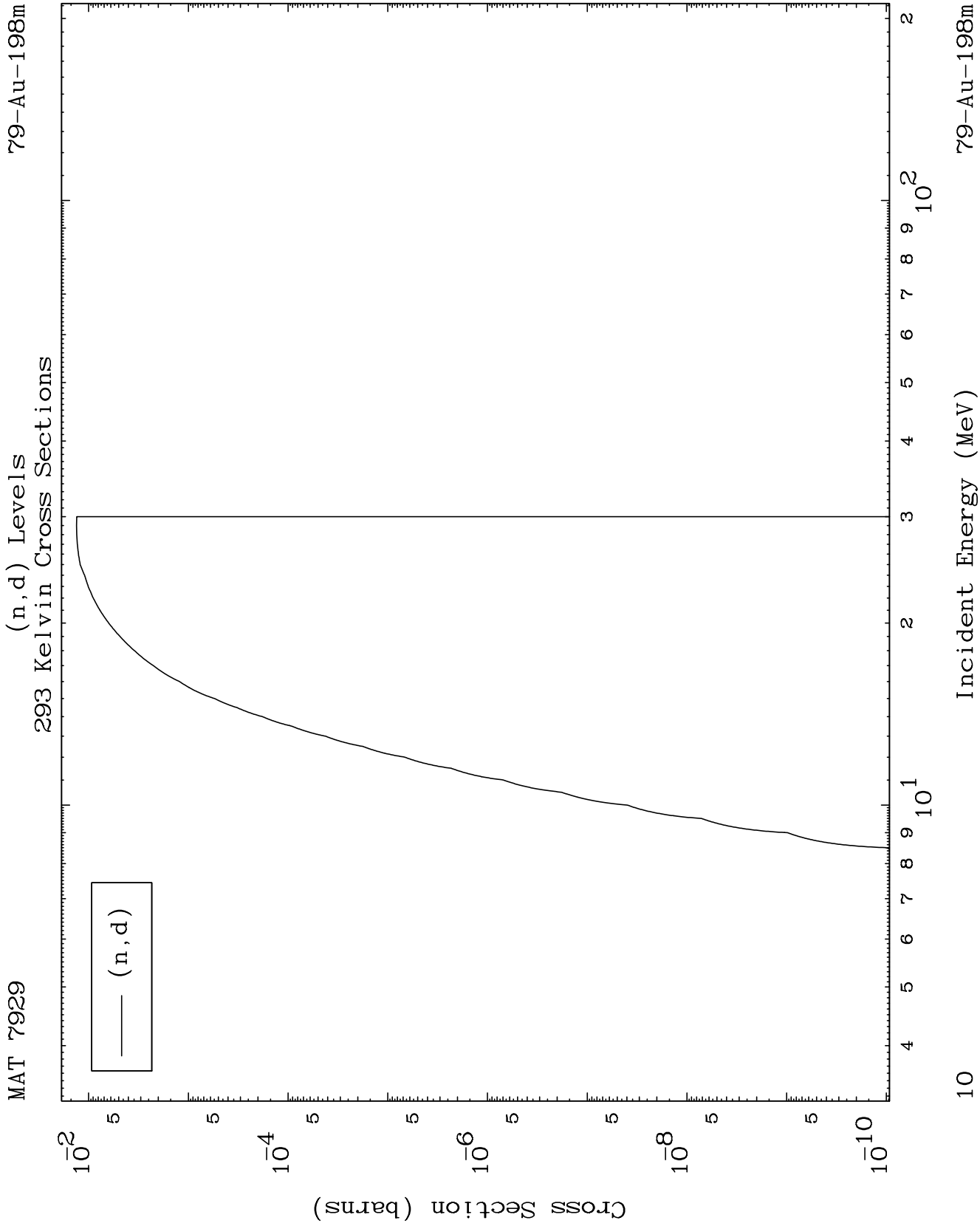


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(n,p) Levels
293 Kelvin Cross Sections

79-Au-198m

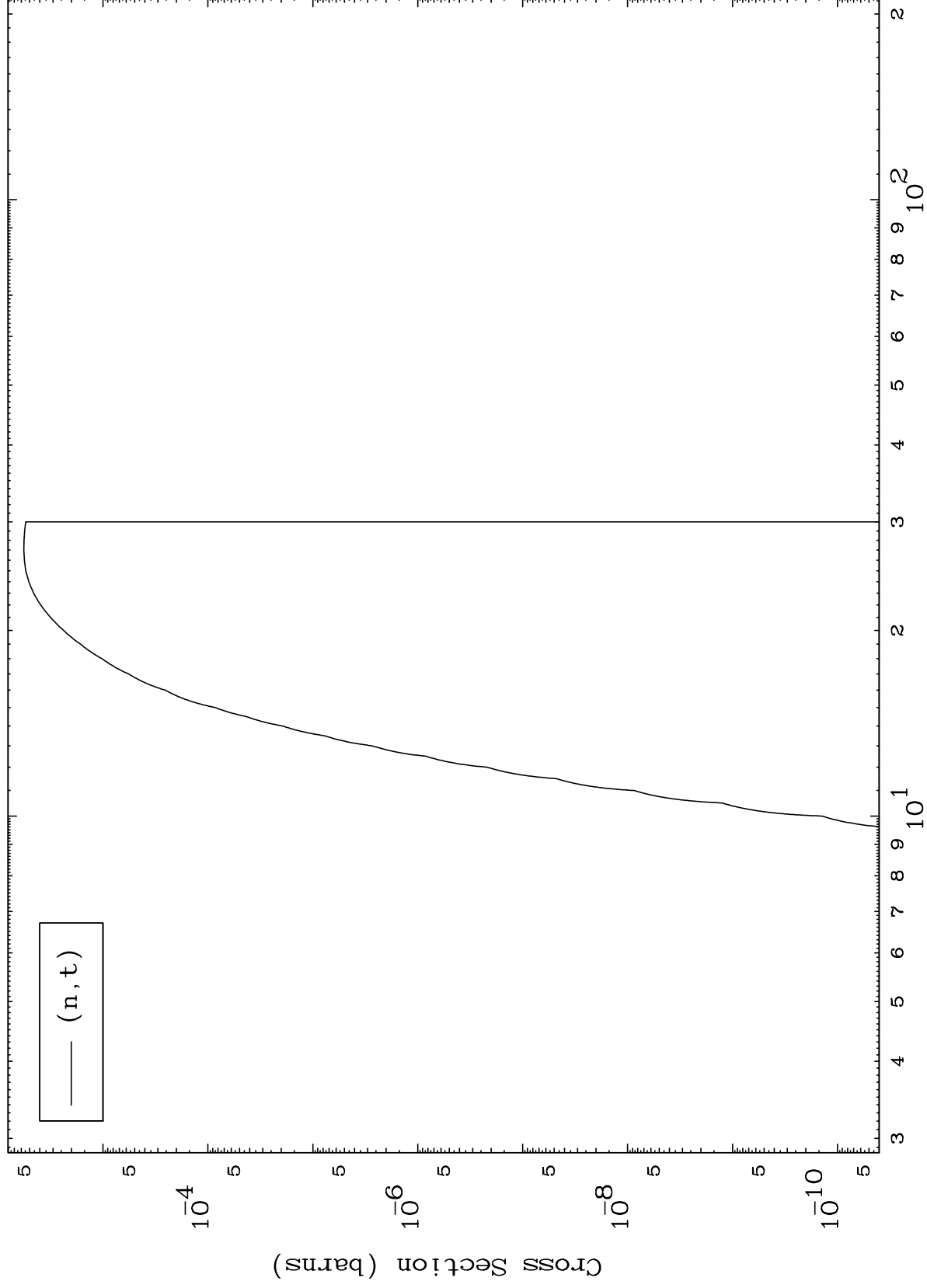




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79-Au-198m

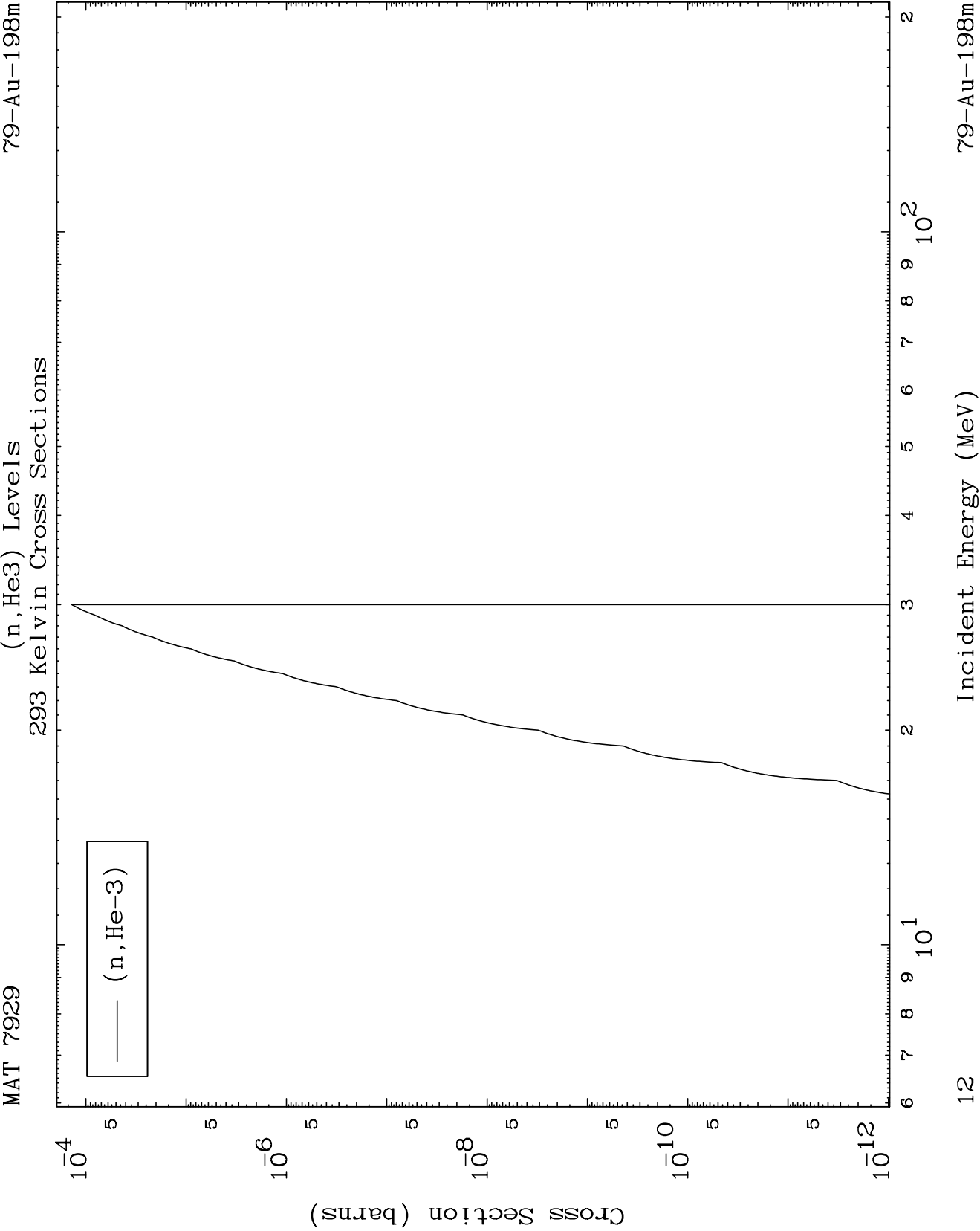
(n,t) Levels
293 Kelvin Cross Sections

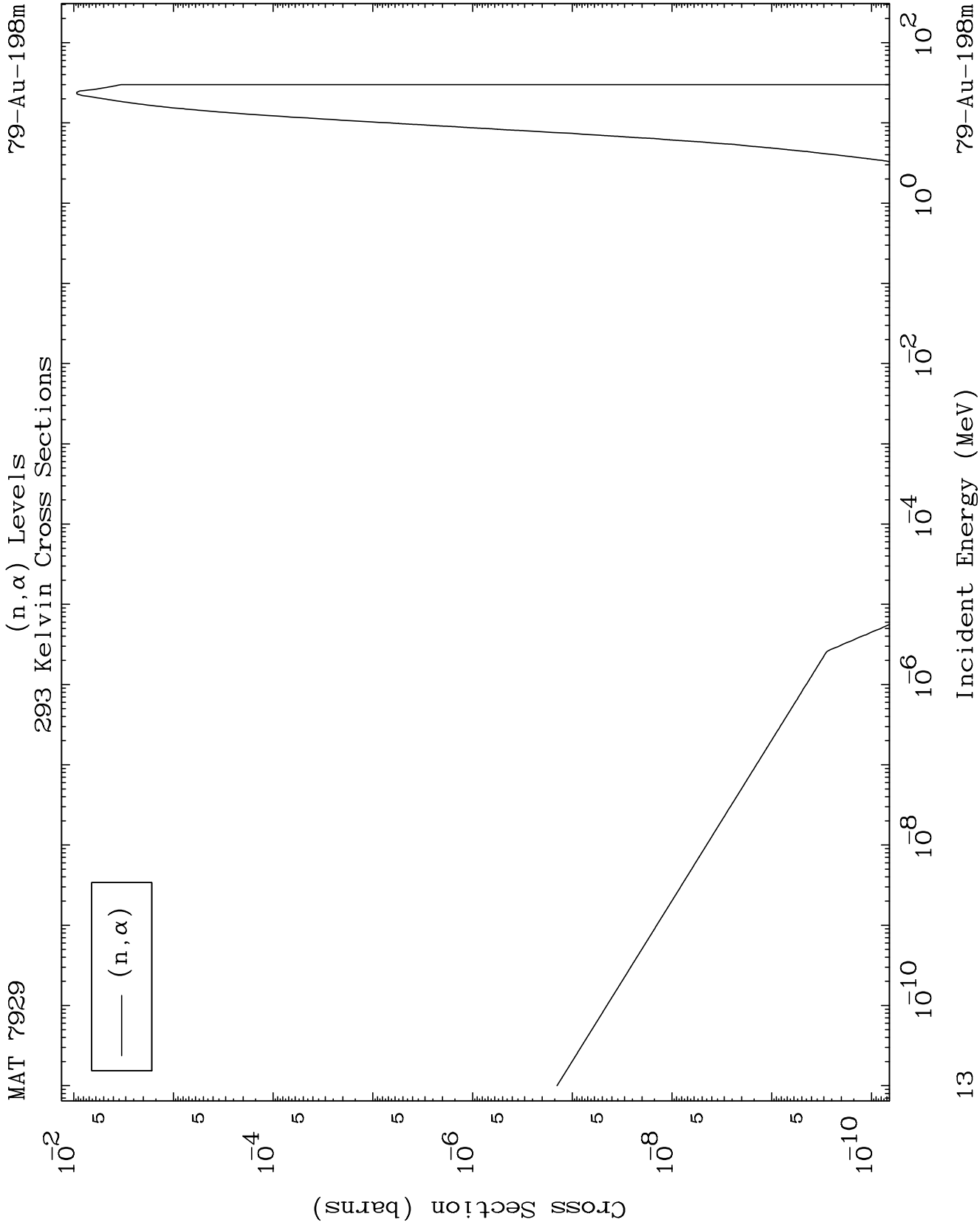


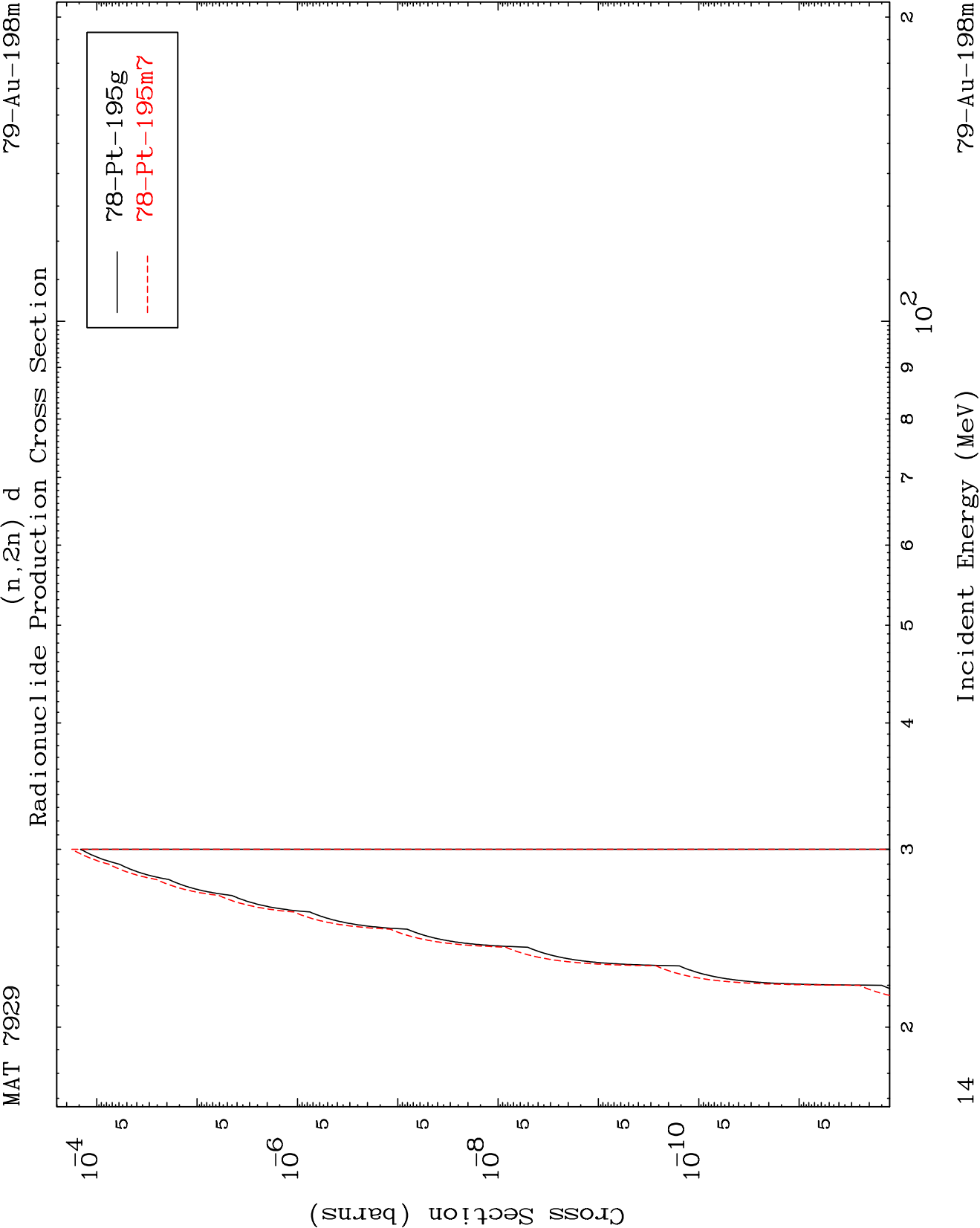
11

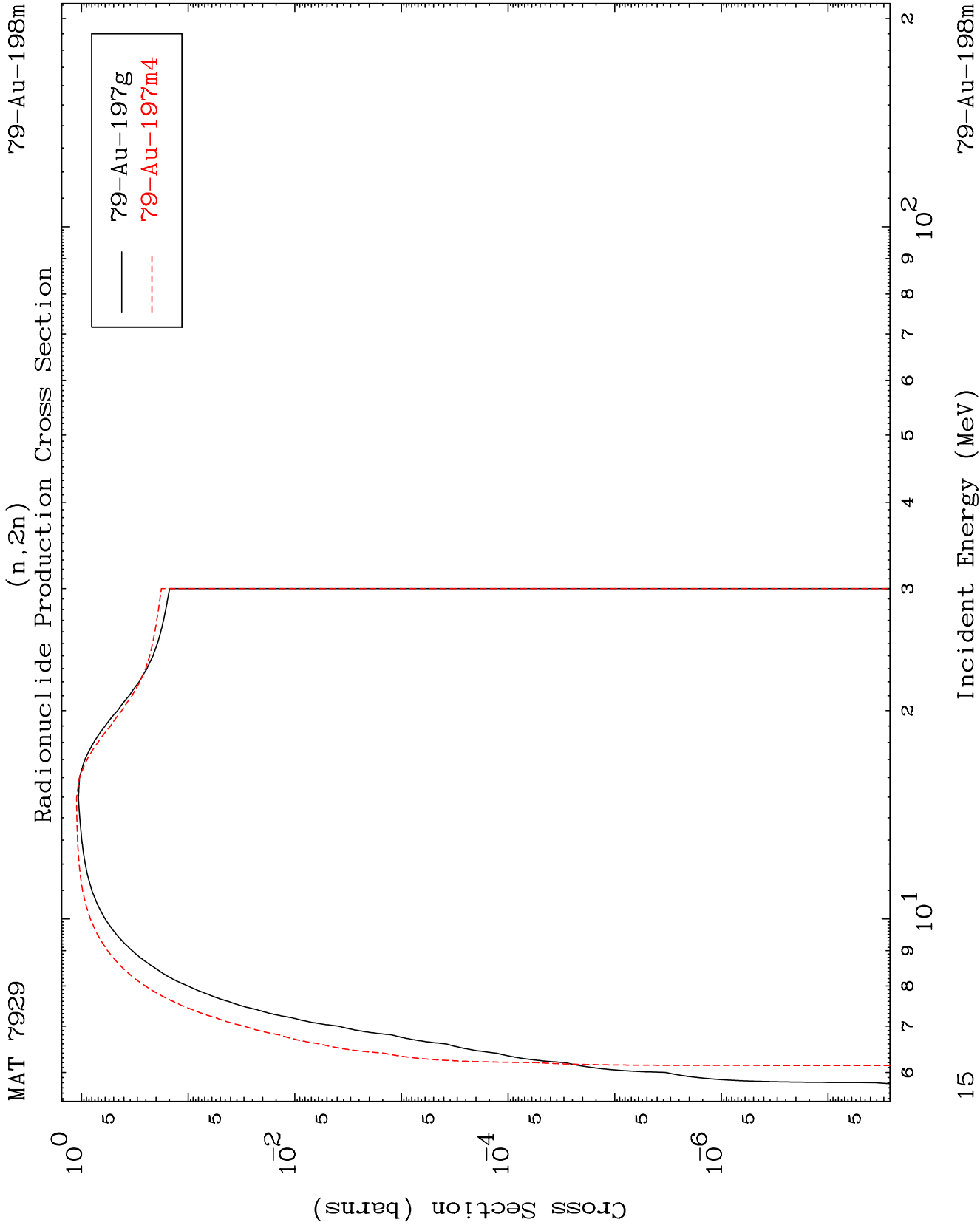
Incident Energy (MeV)

79-Au-198m

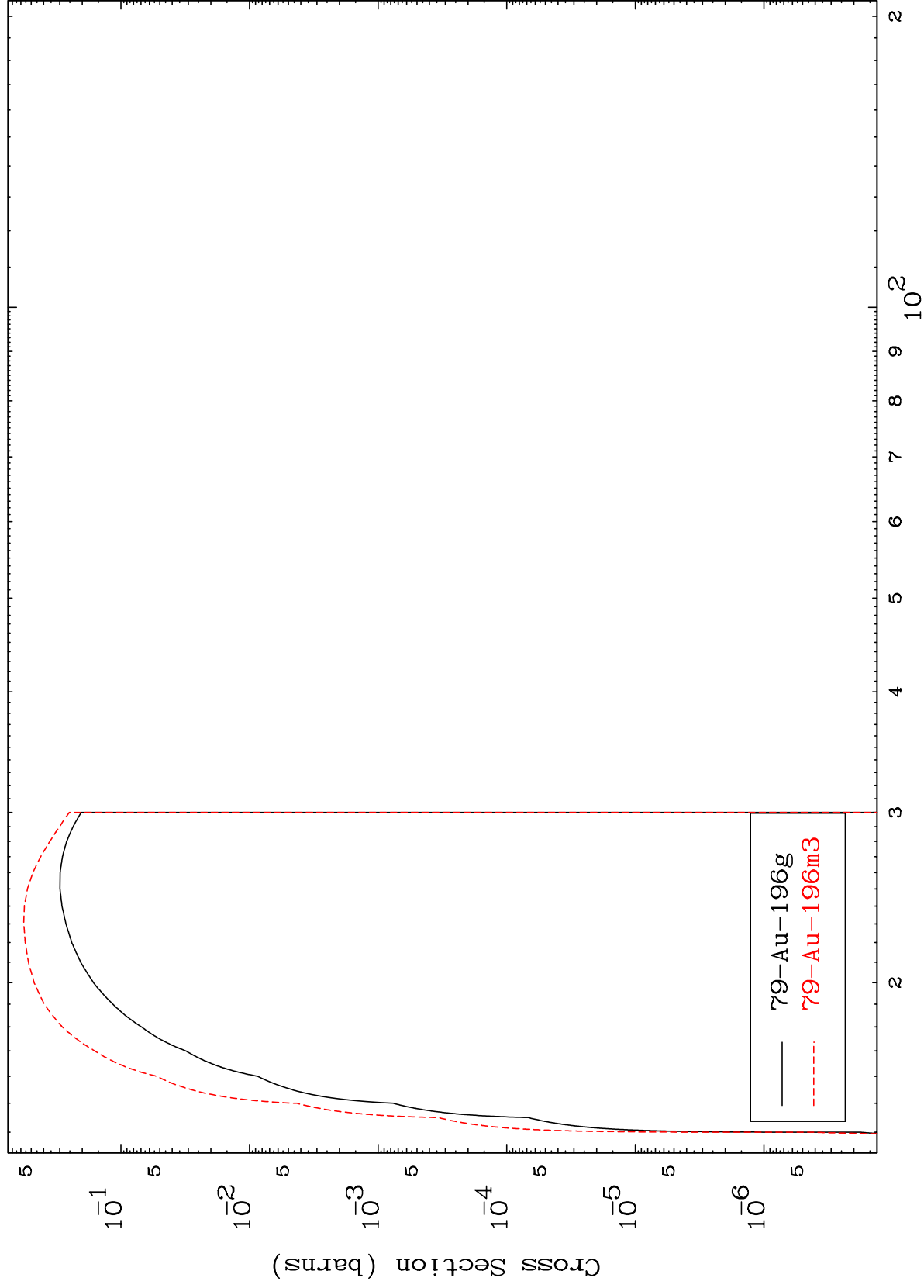








$(n,3n)$
Radionuclide Production Cross Section

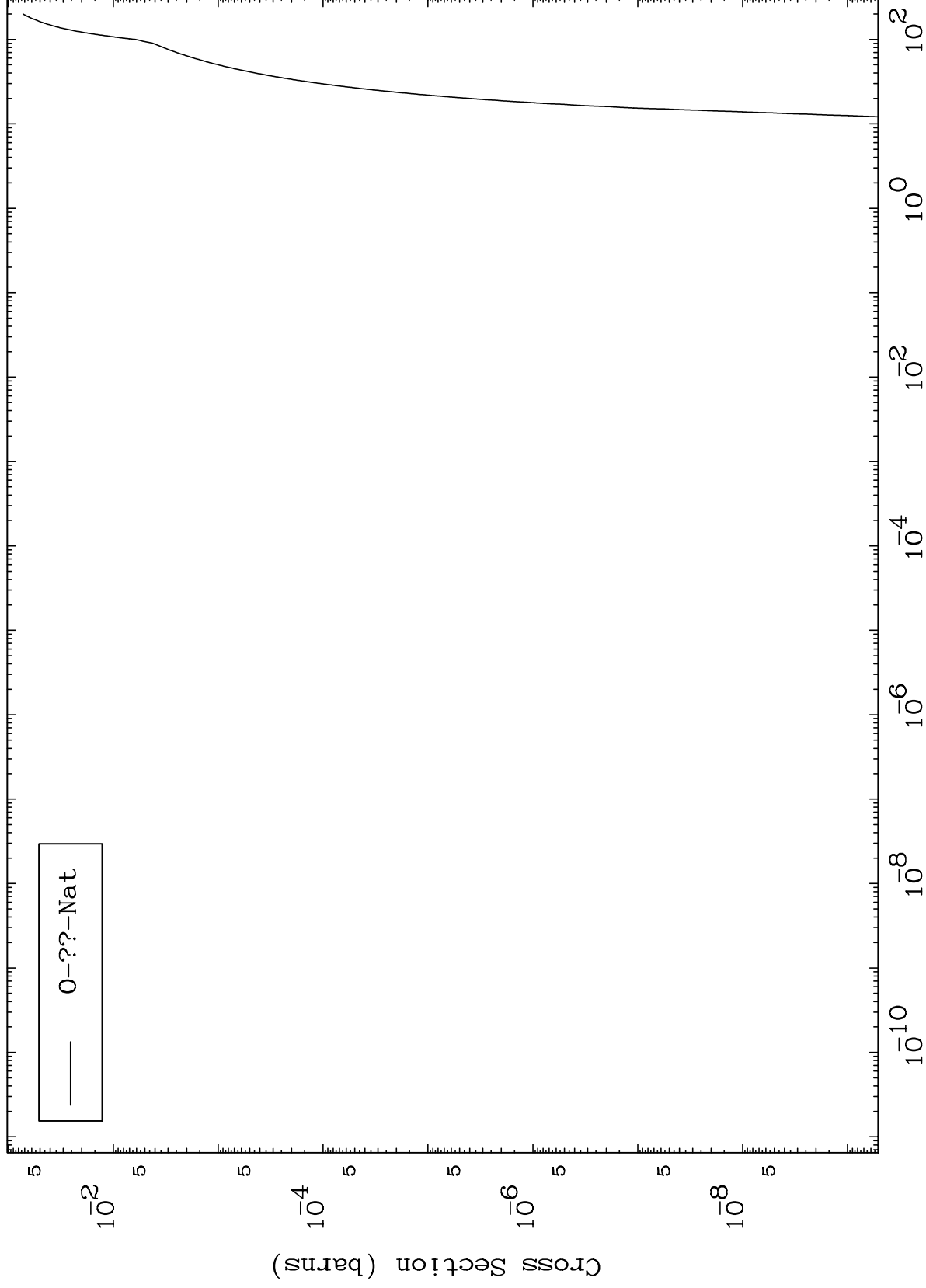


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Fission

⁷⁹Au-198m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

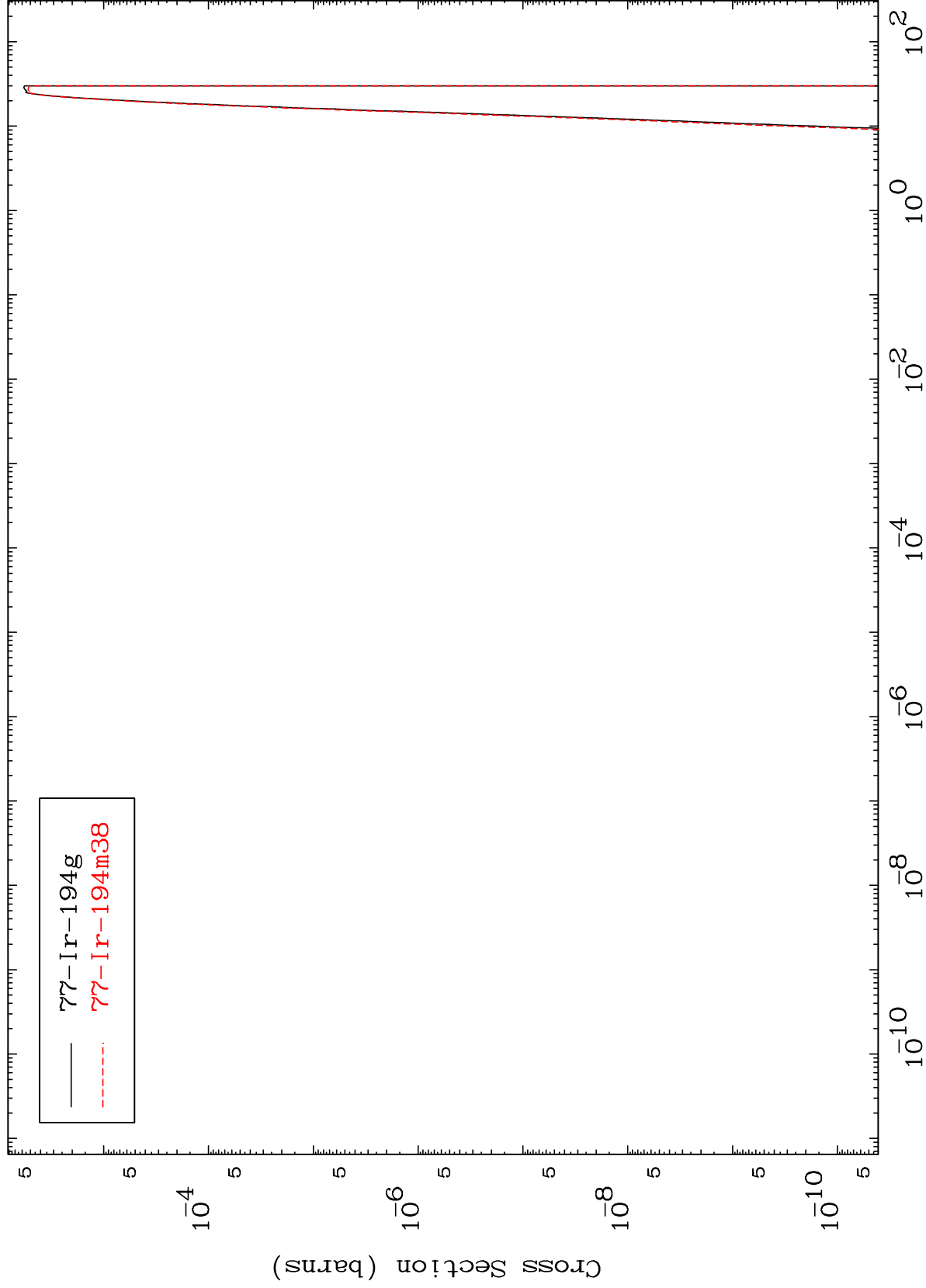
⁷⁹Au-198m

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$(n,n') \alpha$

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

Radionuclide Production Cross Section



18

Incident Energy (MeV)

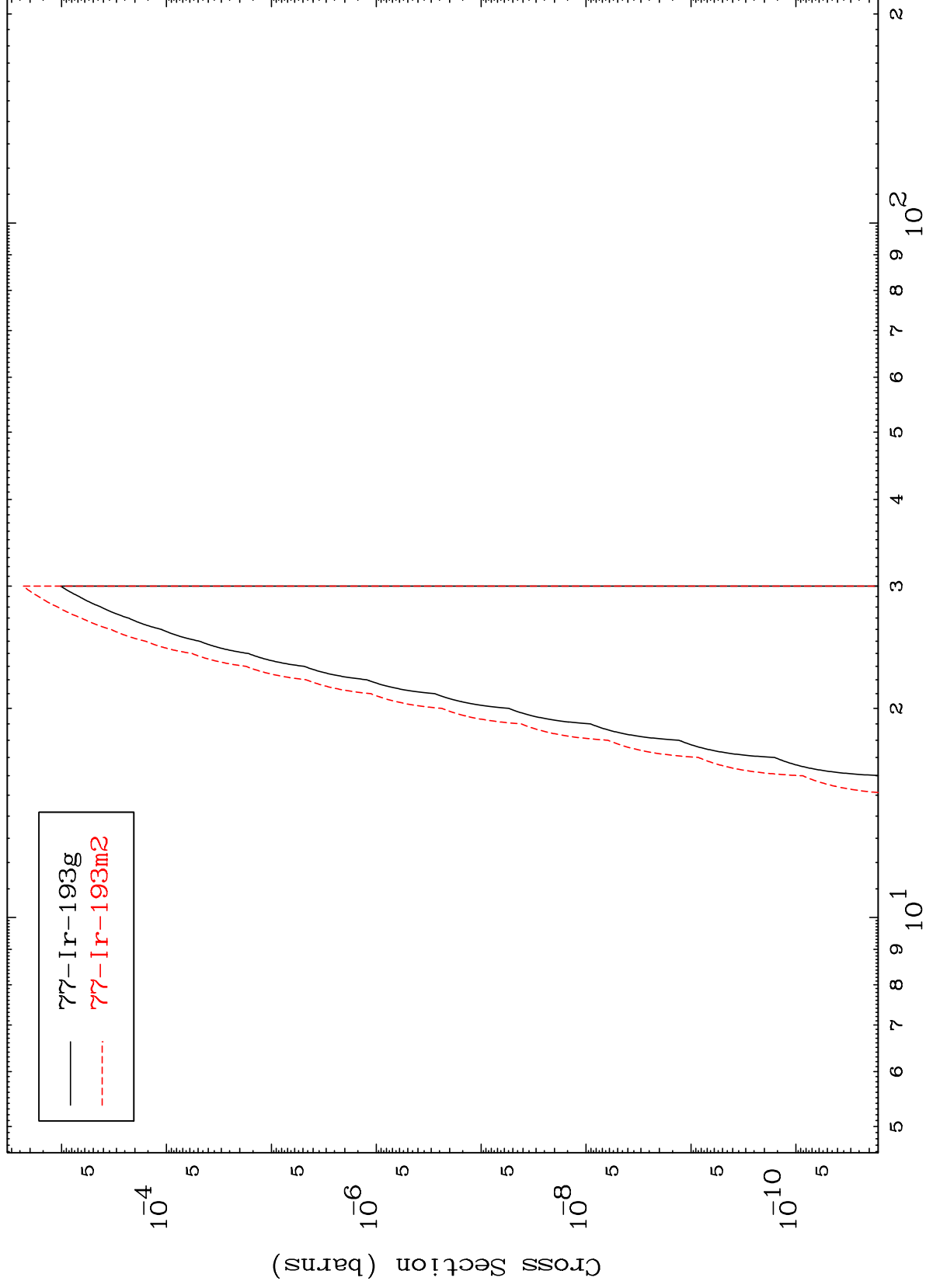
$^{79}\text{Au-198m}$

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$(n,2n) \alpha$

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

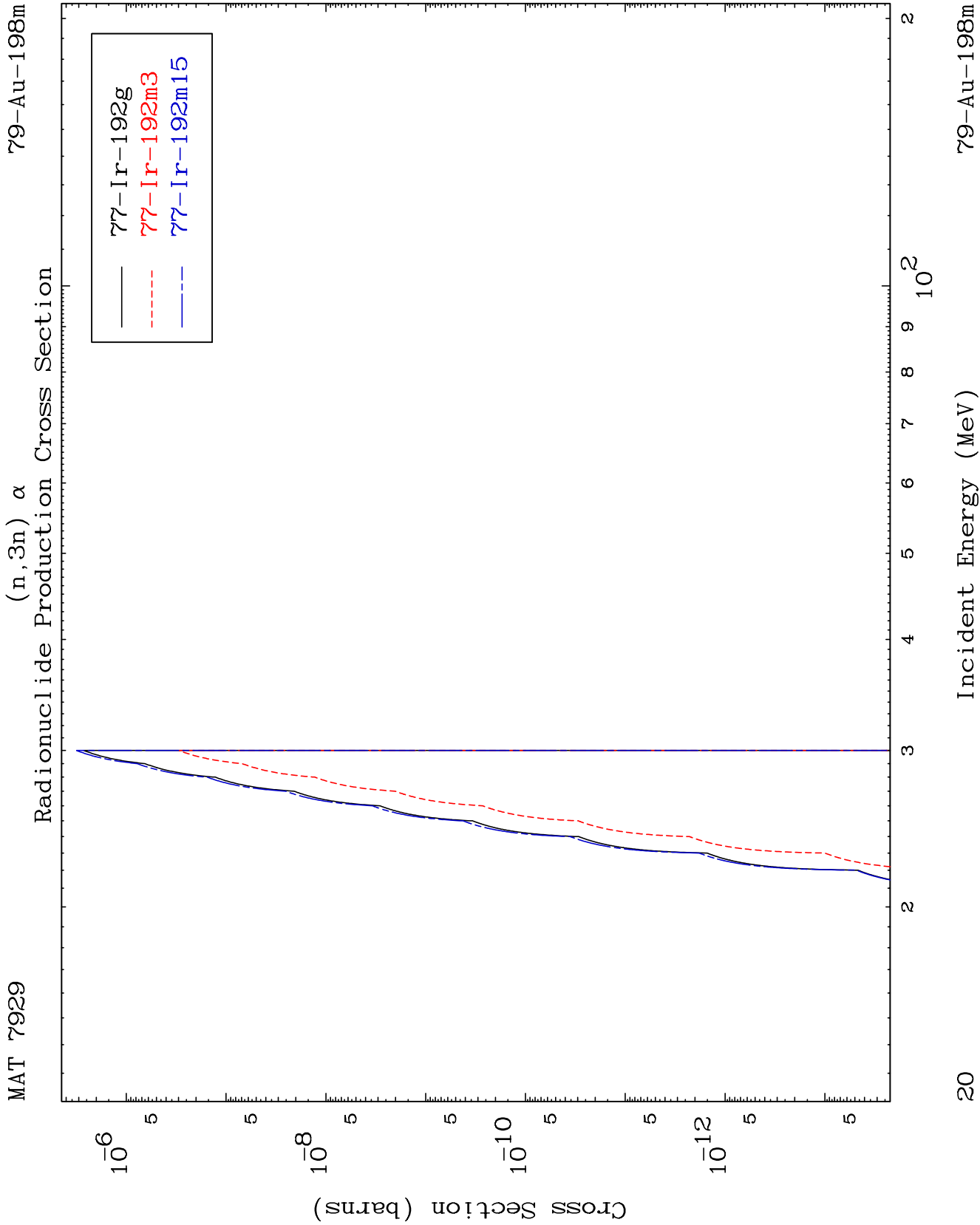
Radionuclide Production Cross Section



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Incident Energy (MeV)

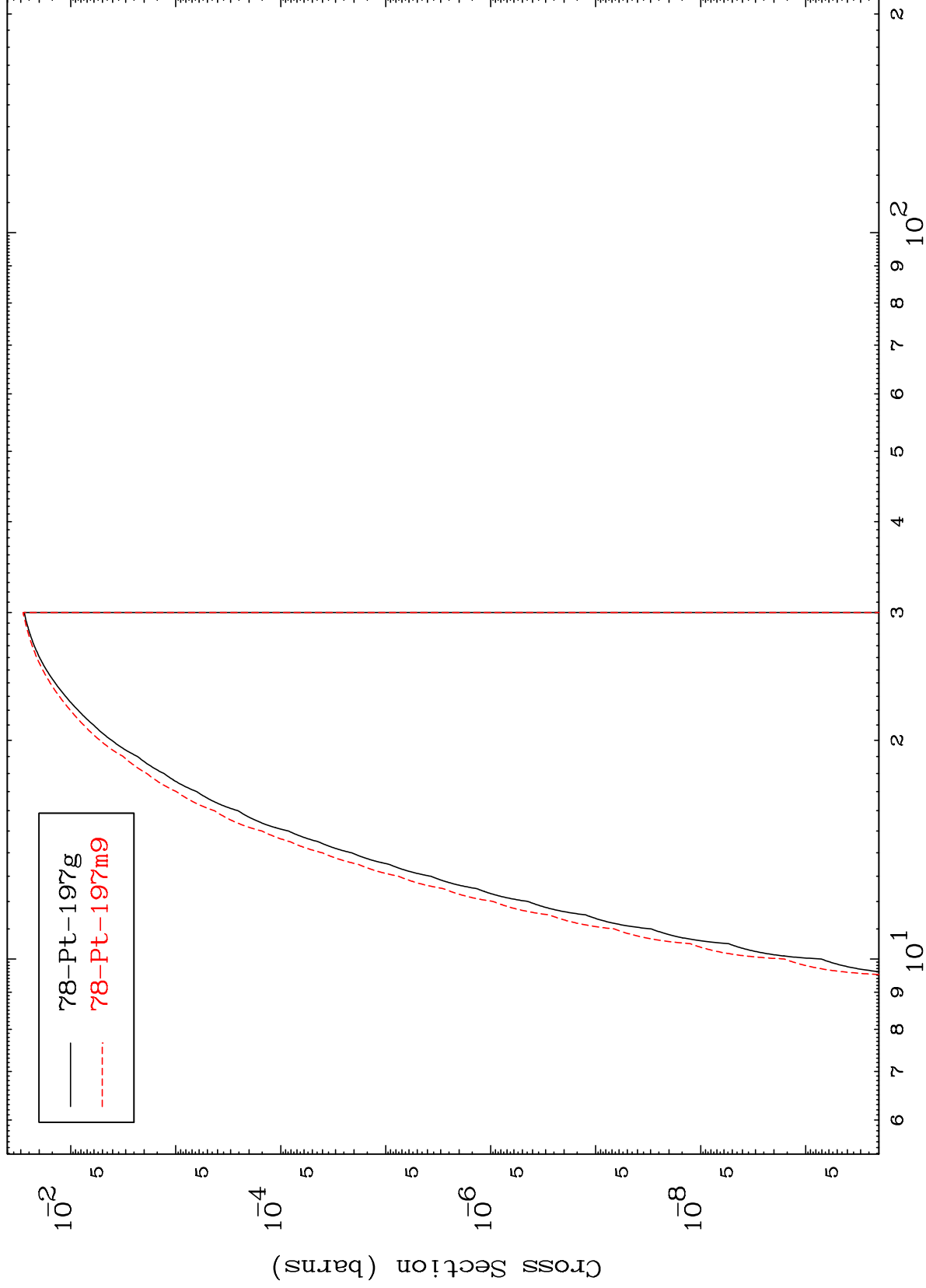
$^{79}\text{Au}-198\text{m}$



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⁷⁹Au-198m

(n,n') p
Radionuclide Production Cross Section

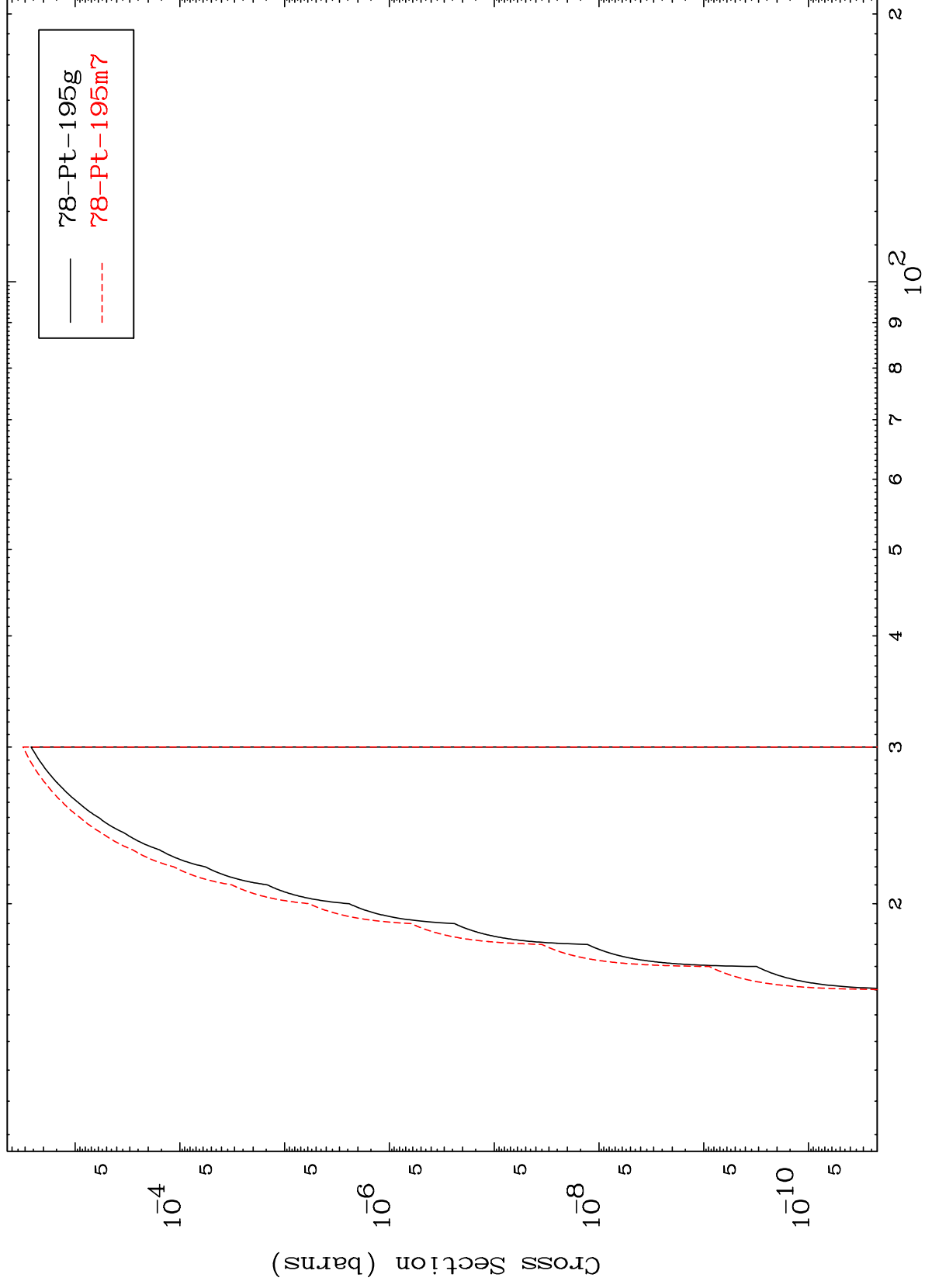


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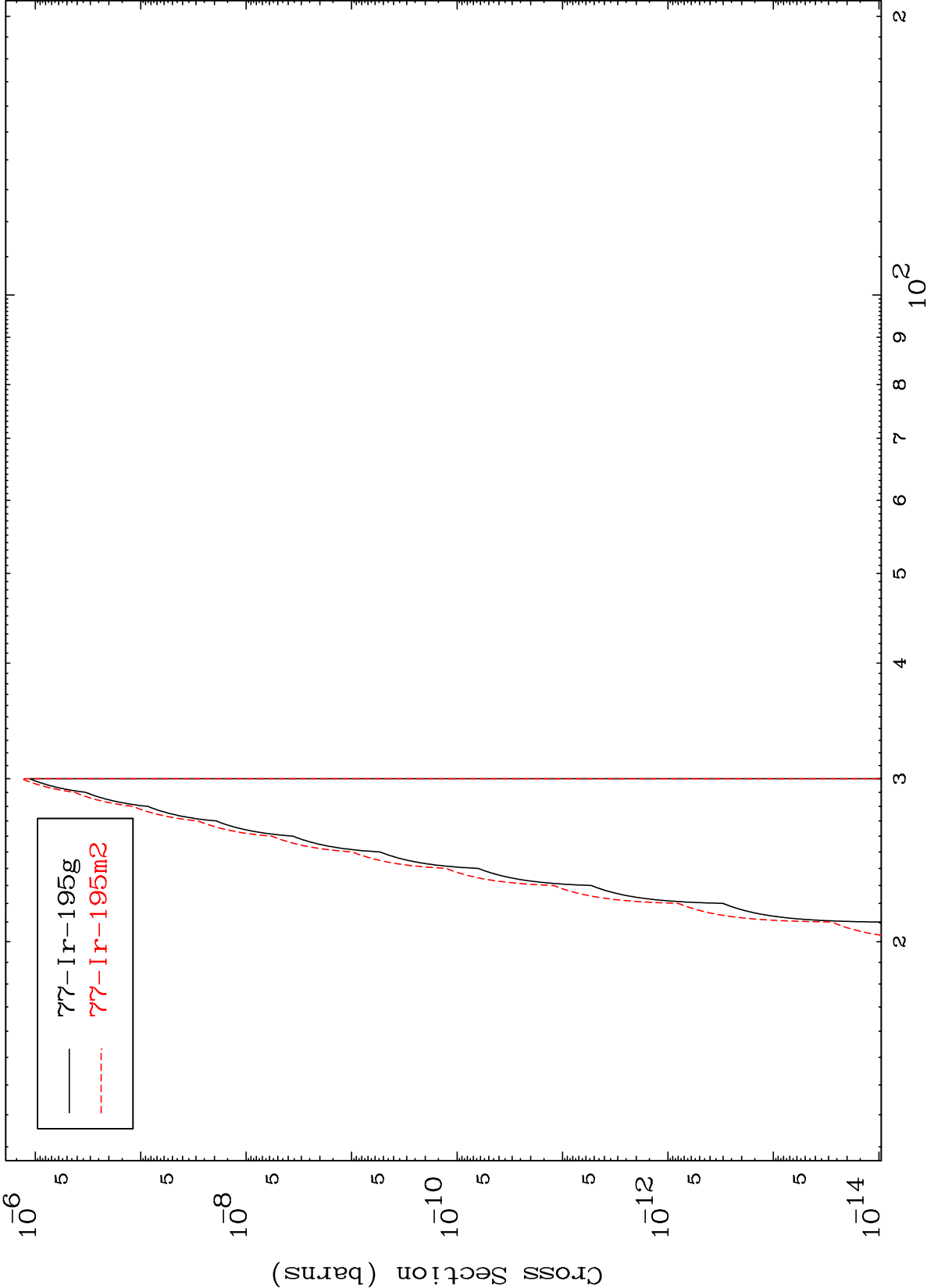
Incident Energy (MeV)

⁷⁹Au-198m

(n,n') t
Radionuclide Production Cross Section



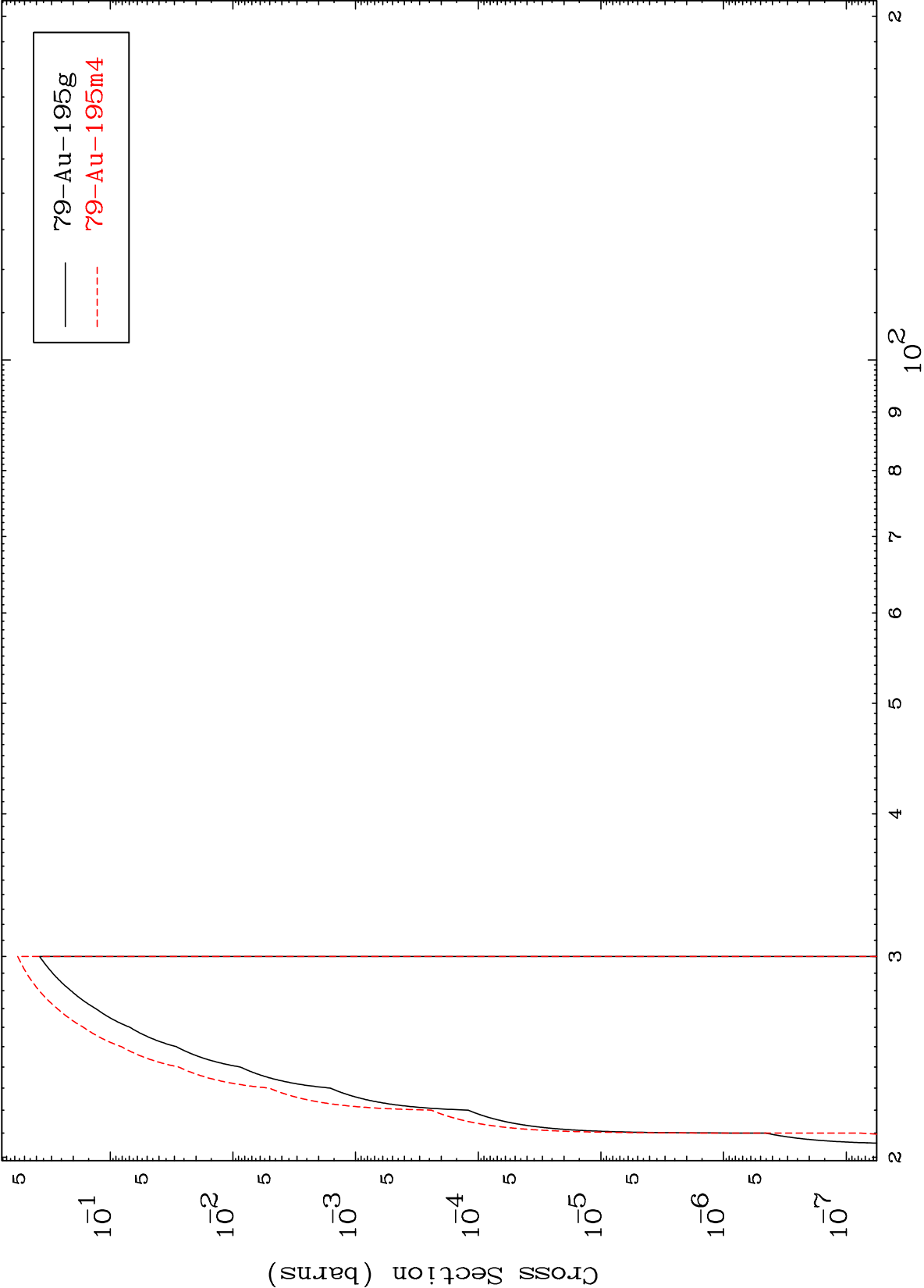
Radionuclide Production Cross Section



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79-Au-198m

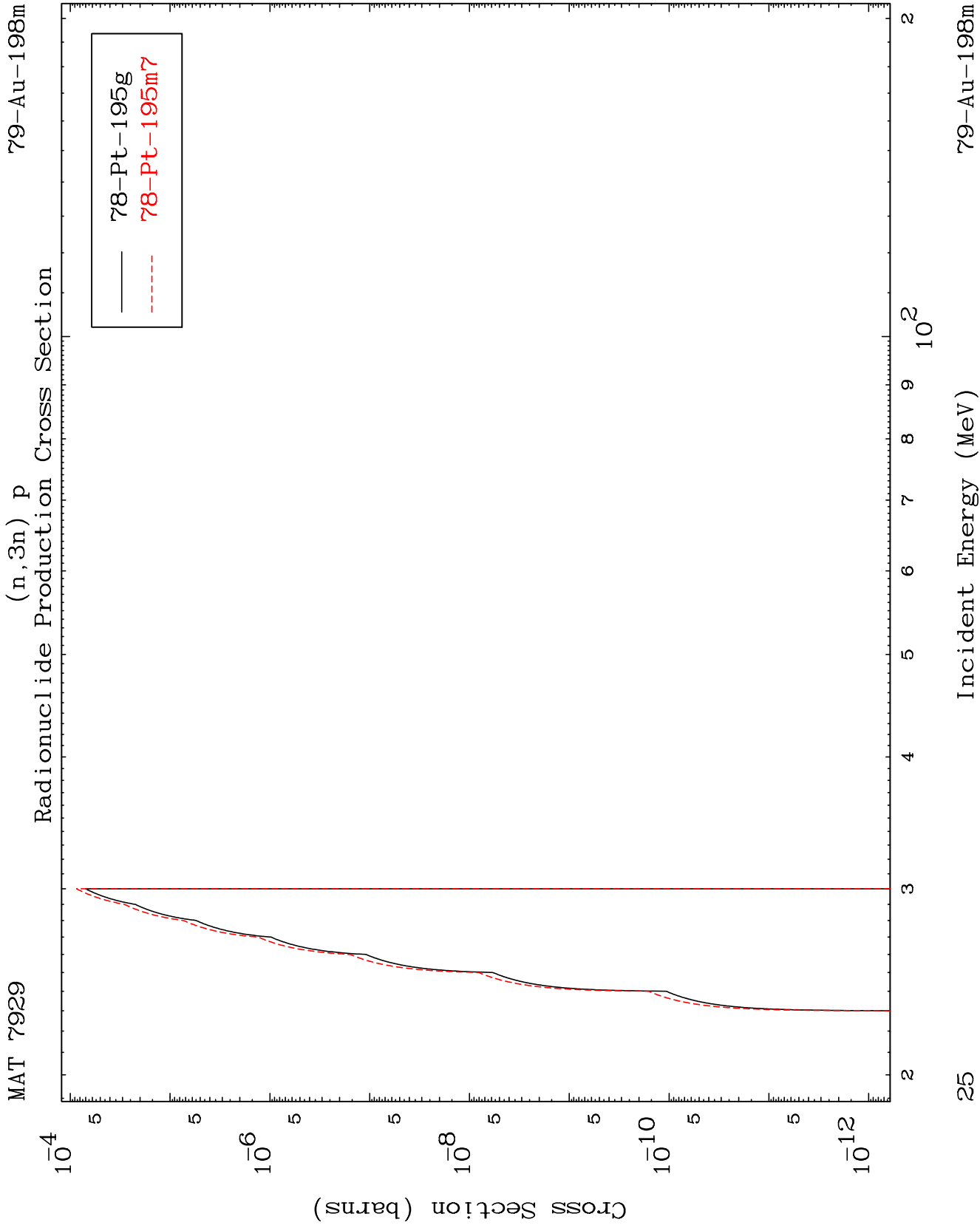
(n,4n)
Radionuclide Production Cross Section



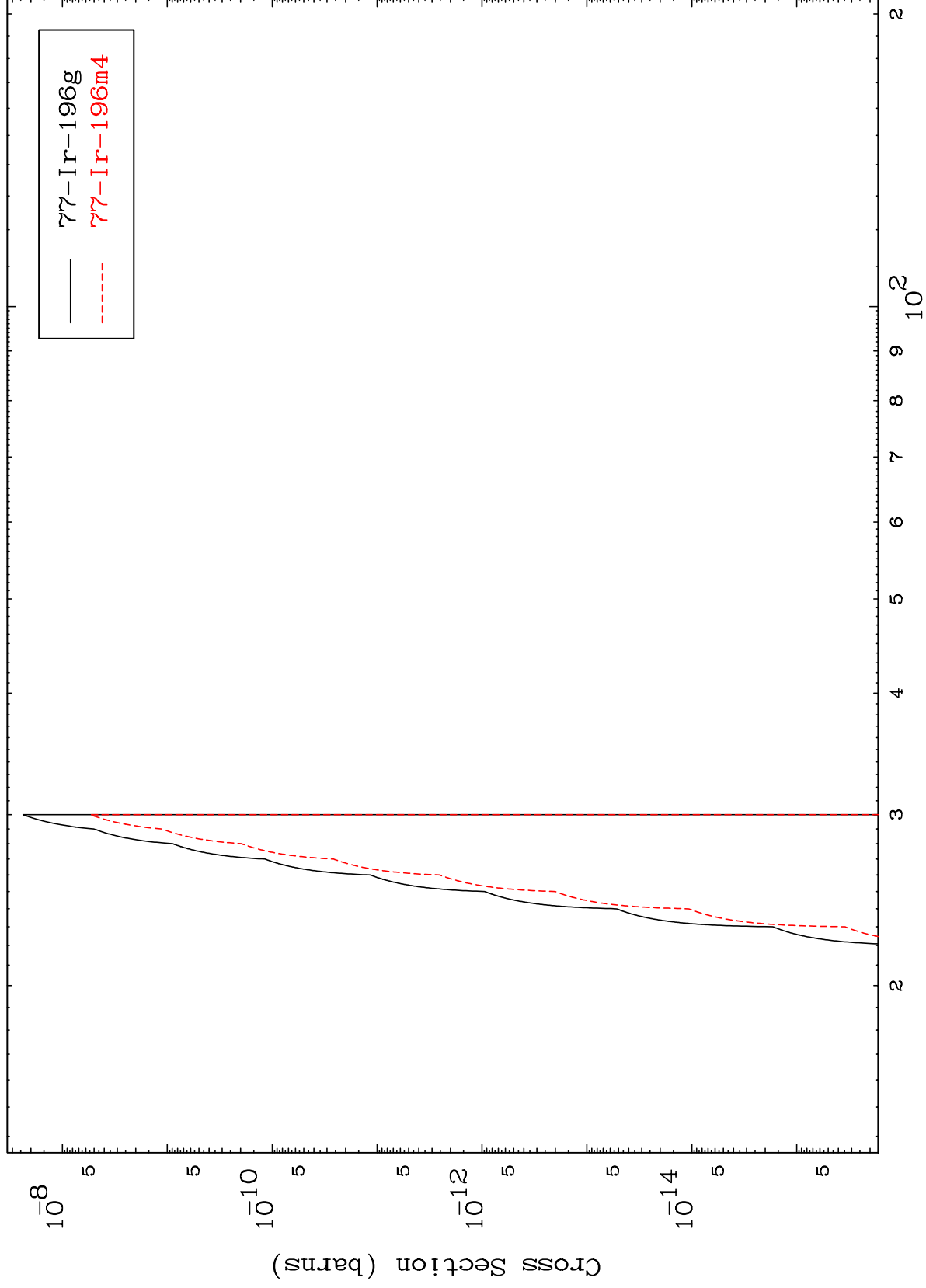
79-Au-198m

Incident Energy (MeV)

24



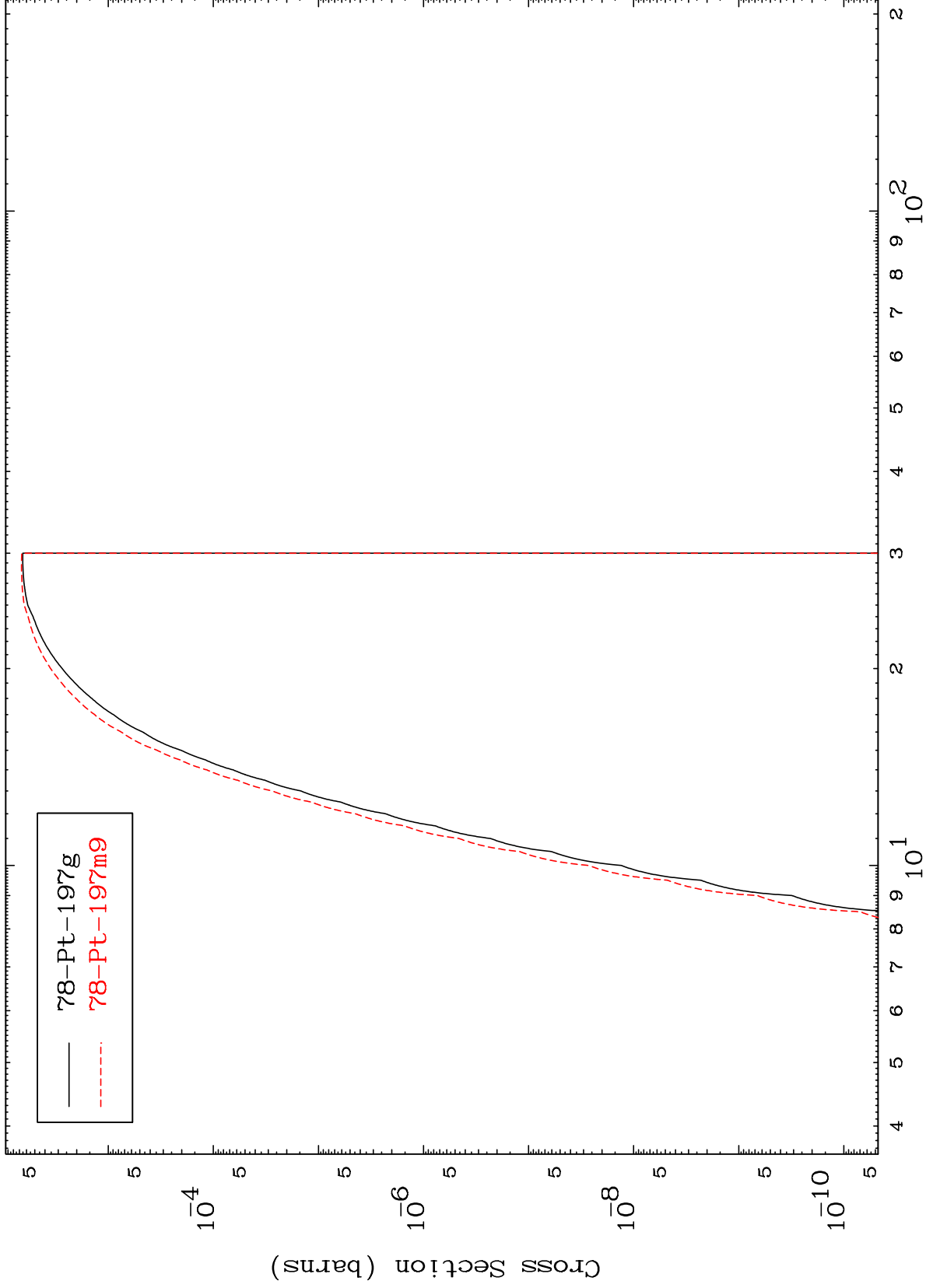
(n,2n) p
Radionuclide Production Cross Section



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⁷⁹Au-198m

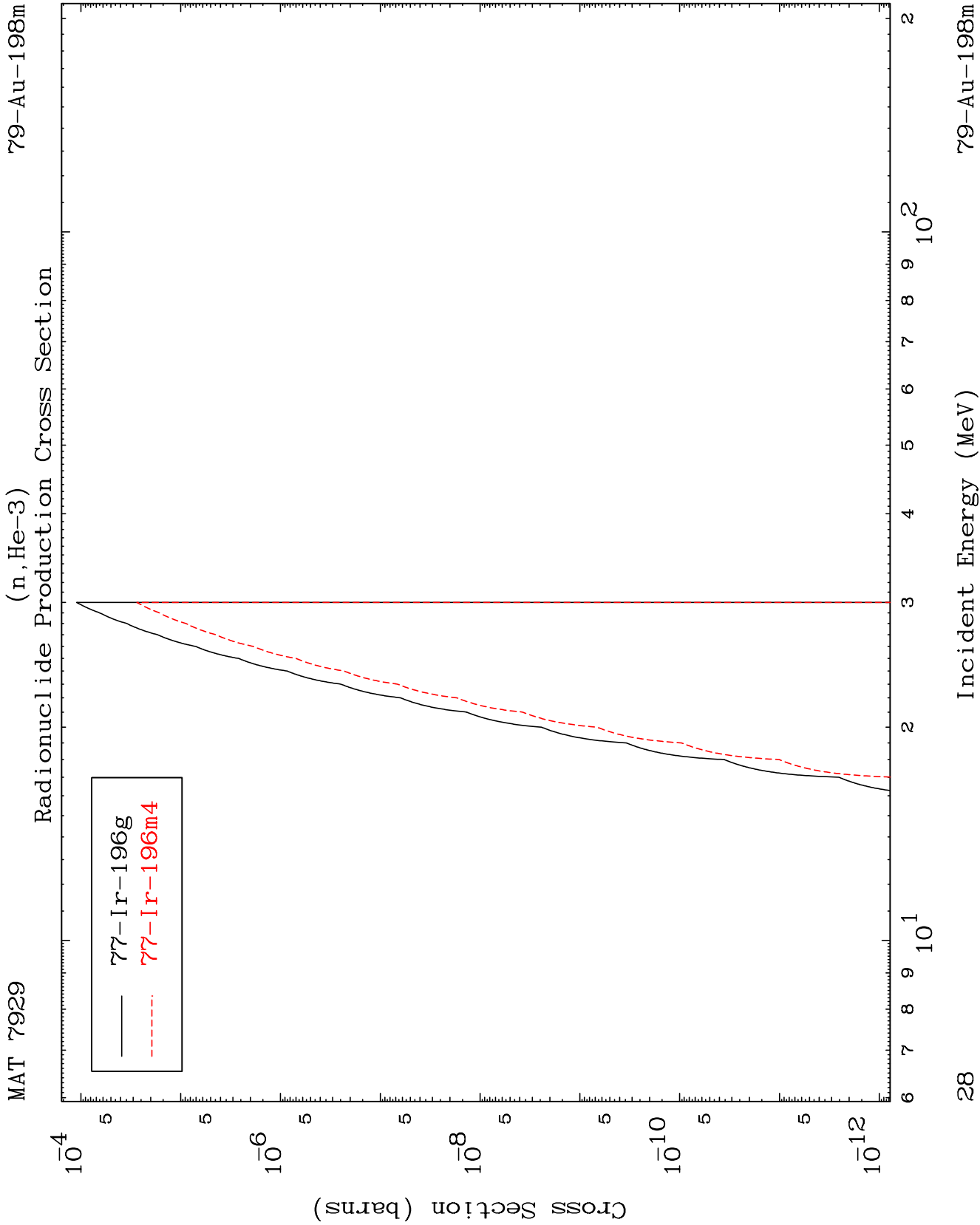
Radionuclide Production Cross Section



27

Incident Energy (MeV)

⁷⁹Au-198m

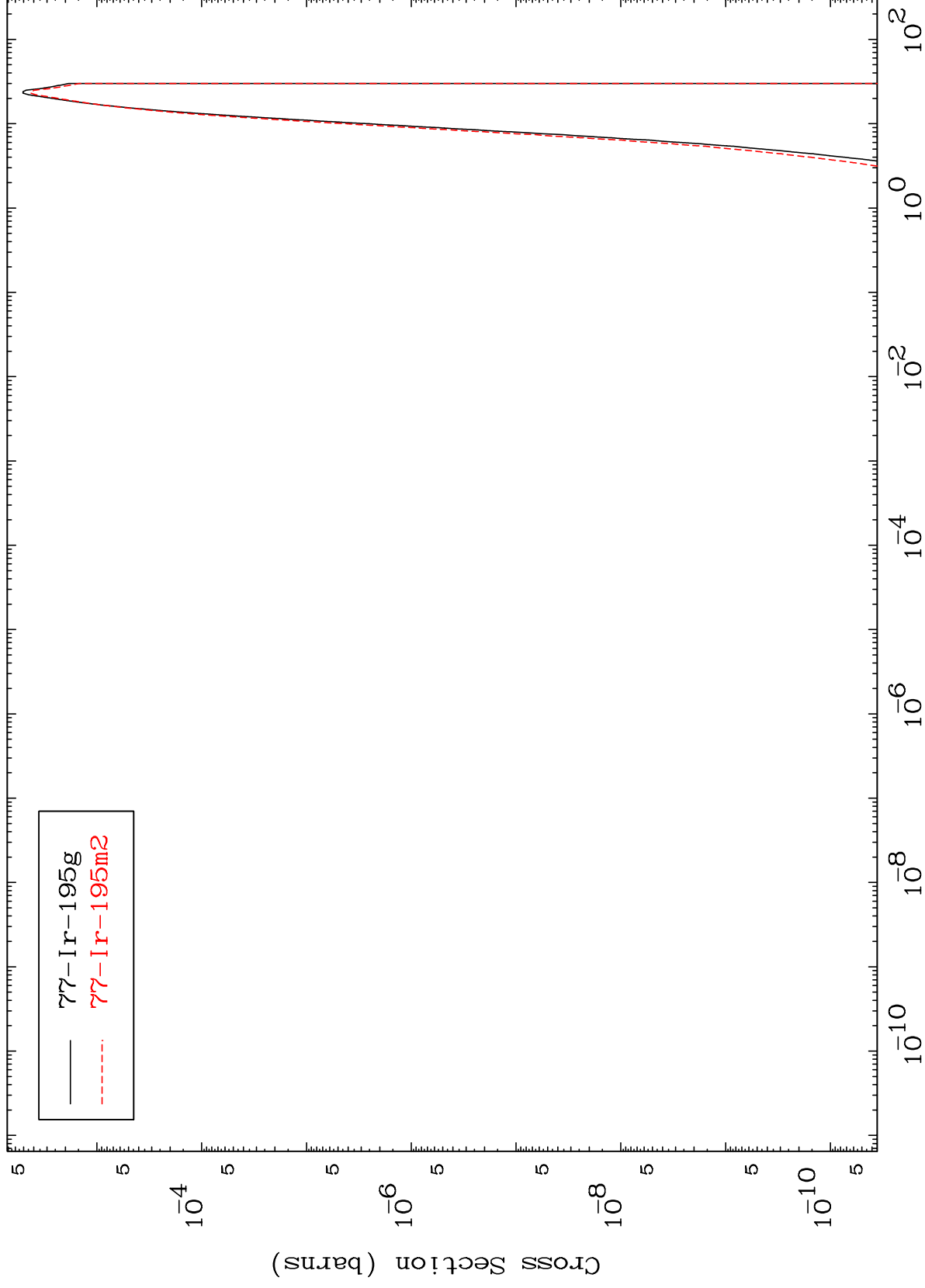


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(n, α)

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

Radionuclide Production Cross Section



29

Incident Energy (MeV)

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

