

Program EVALPLOT
(Version 2021-1)

by

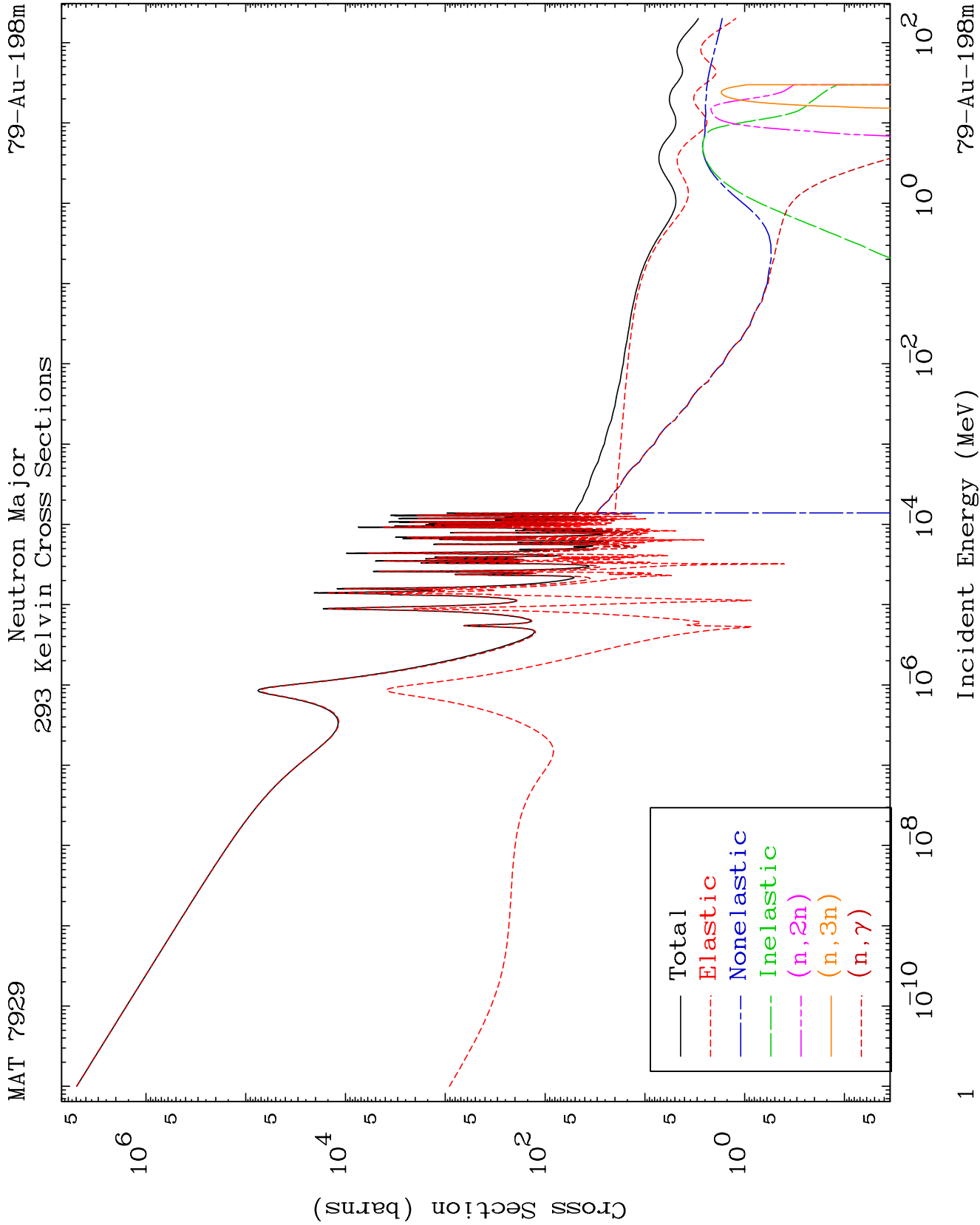
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

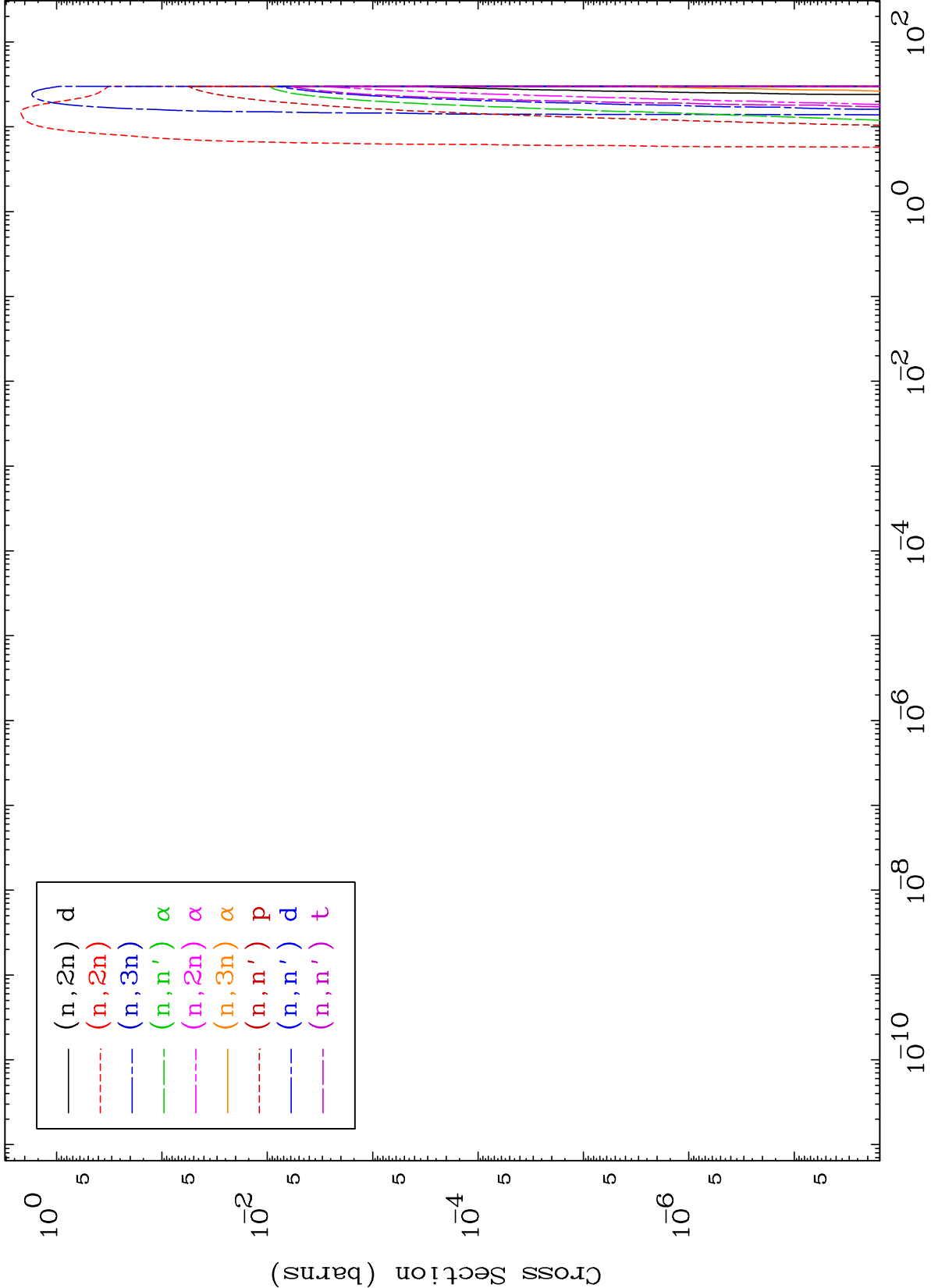
Press Mouse Button to Start



MAT 7929

Neutron Absorption
293 Kelvin Cross Sections

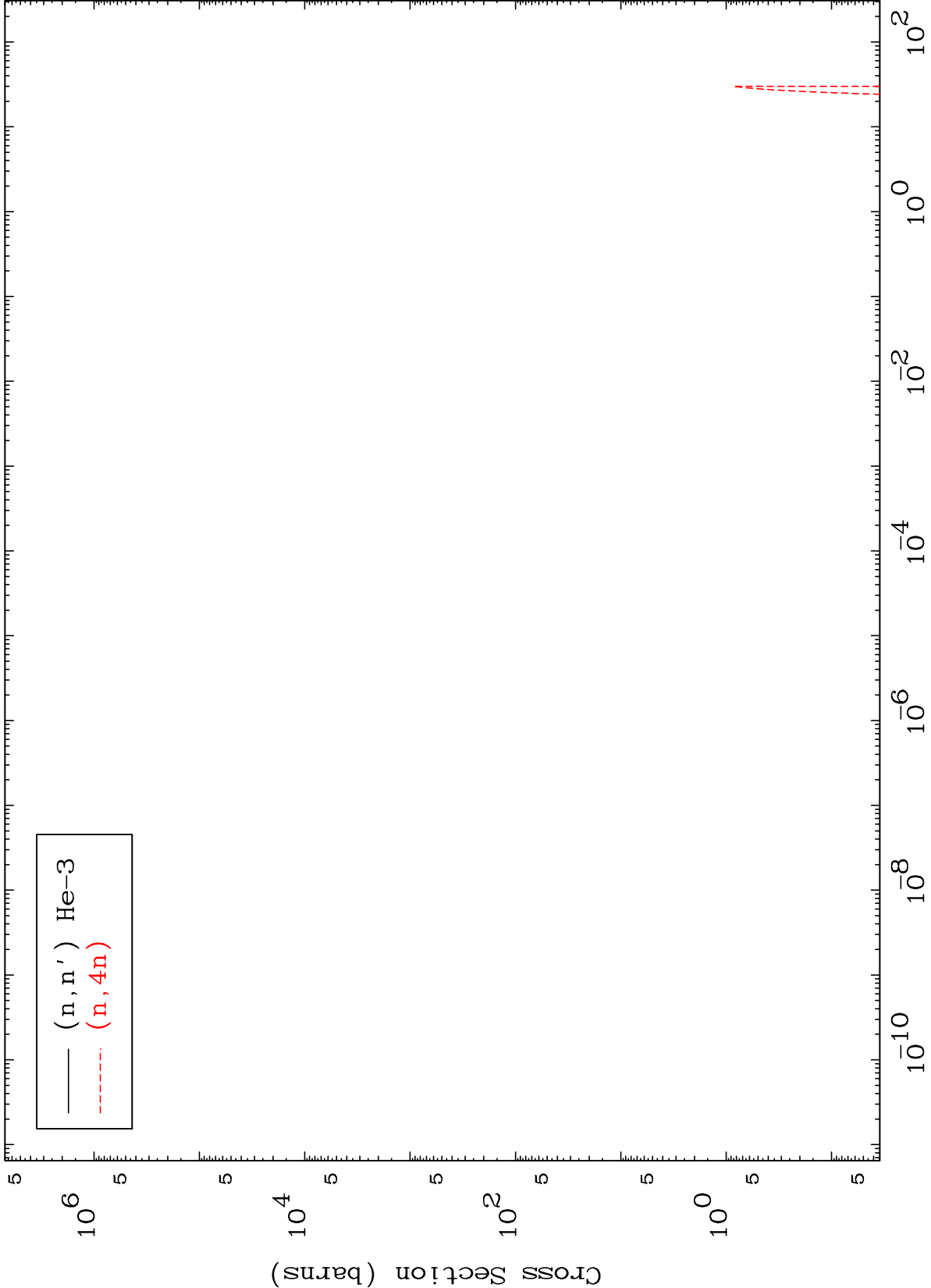
79-Au-198m

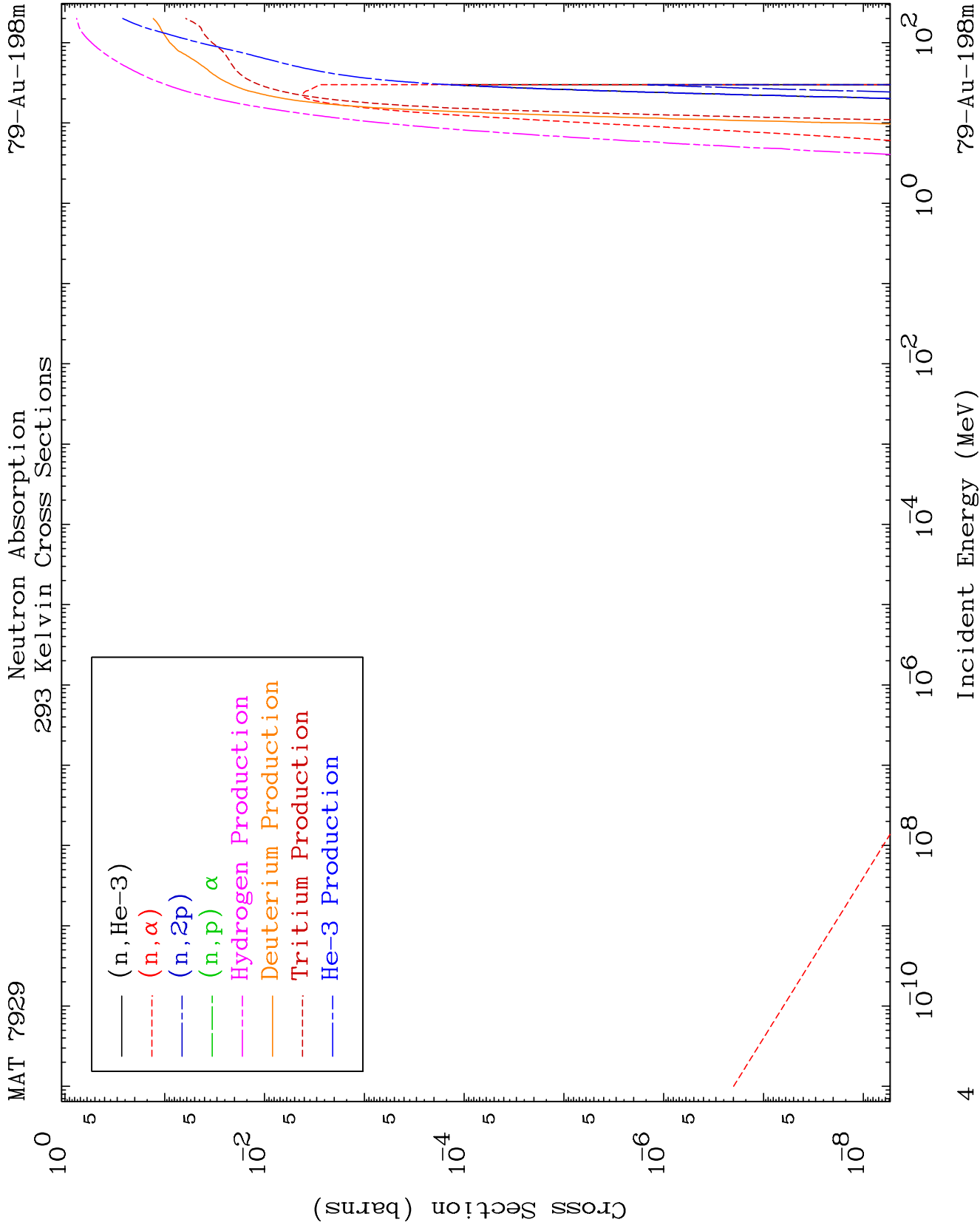


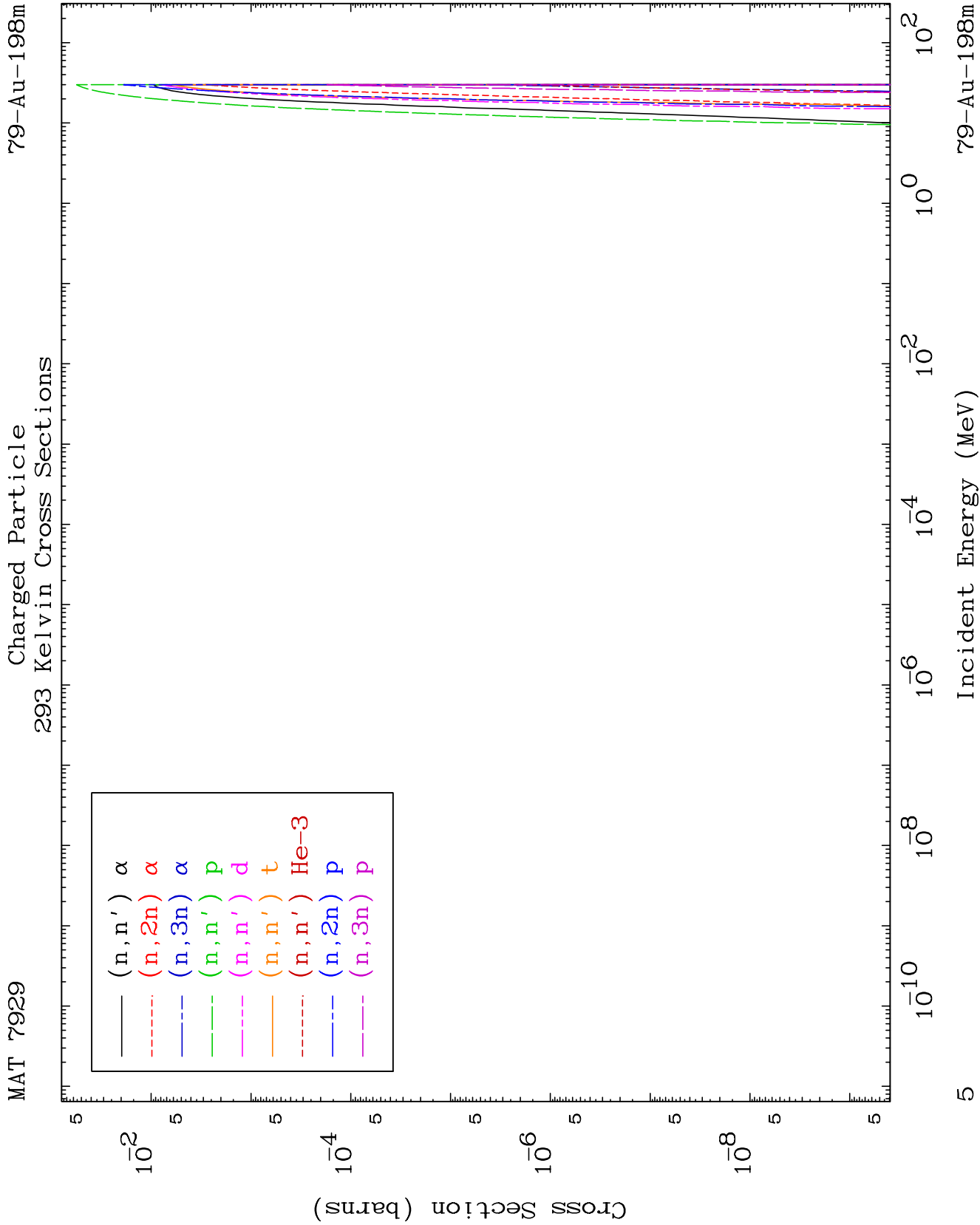
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Neutron Absorption
293 Kelvin Cross Sections

79-Au-198m



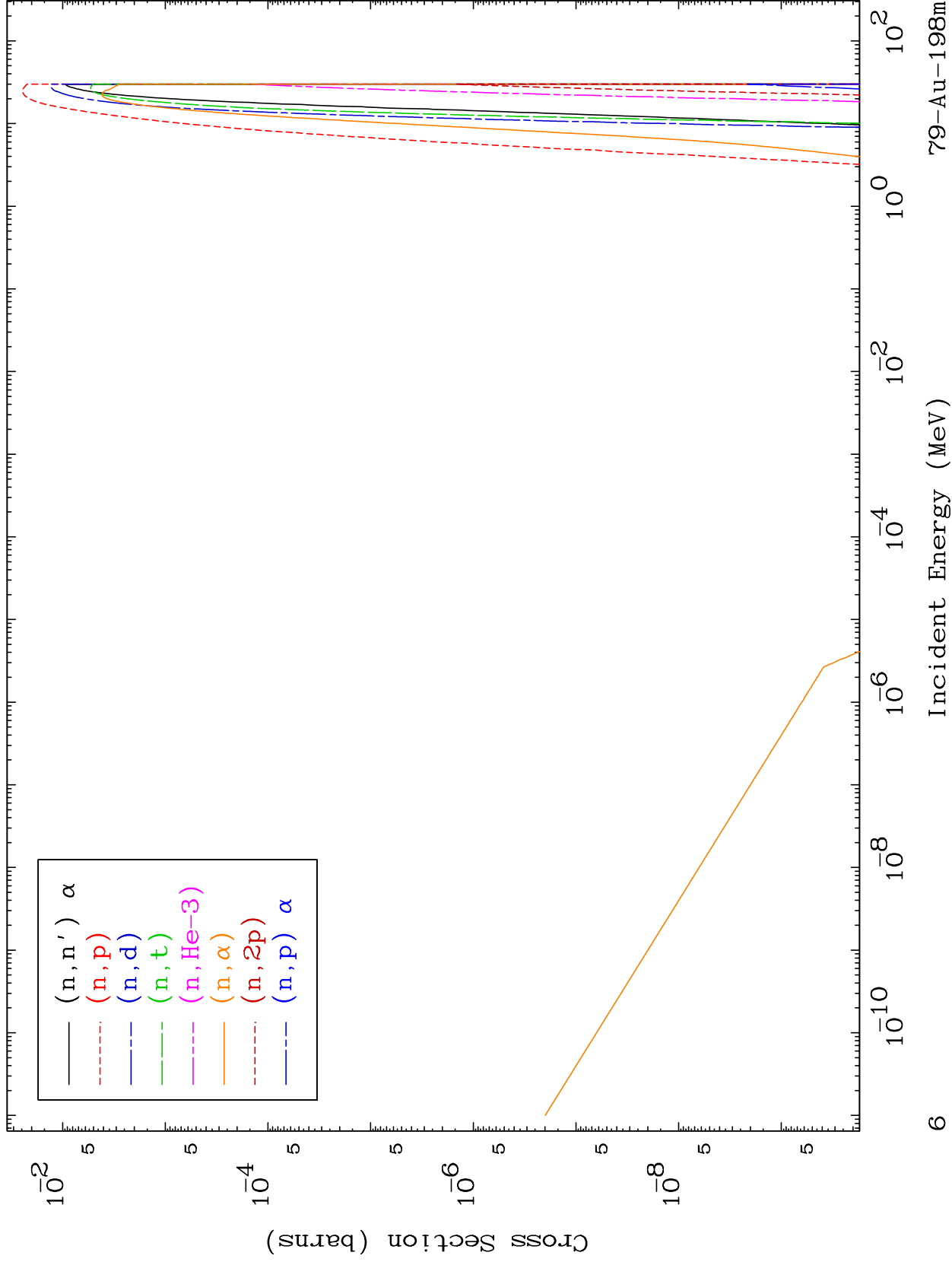


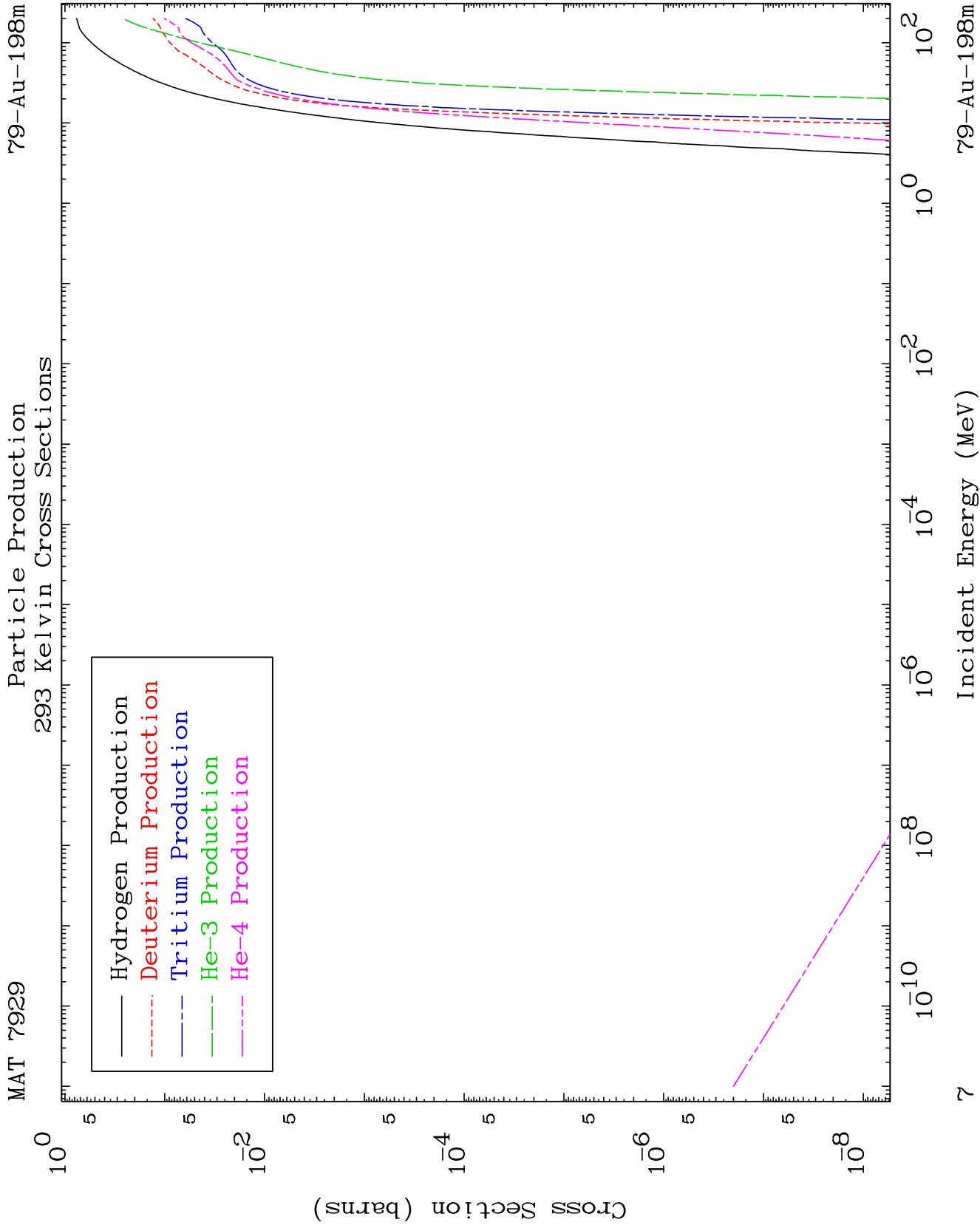


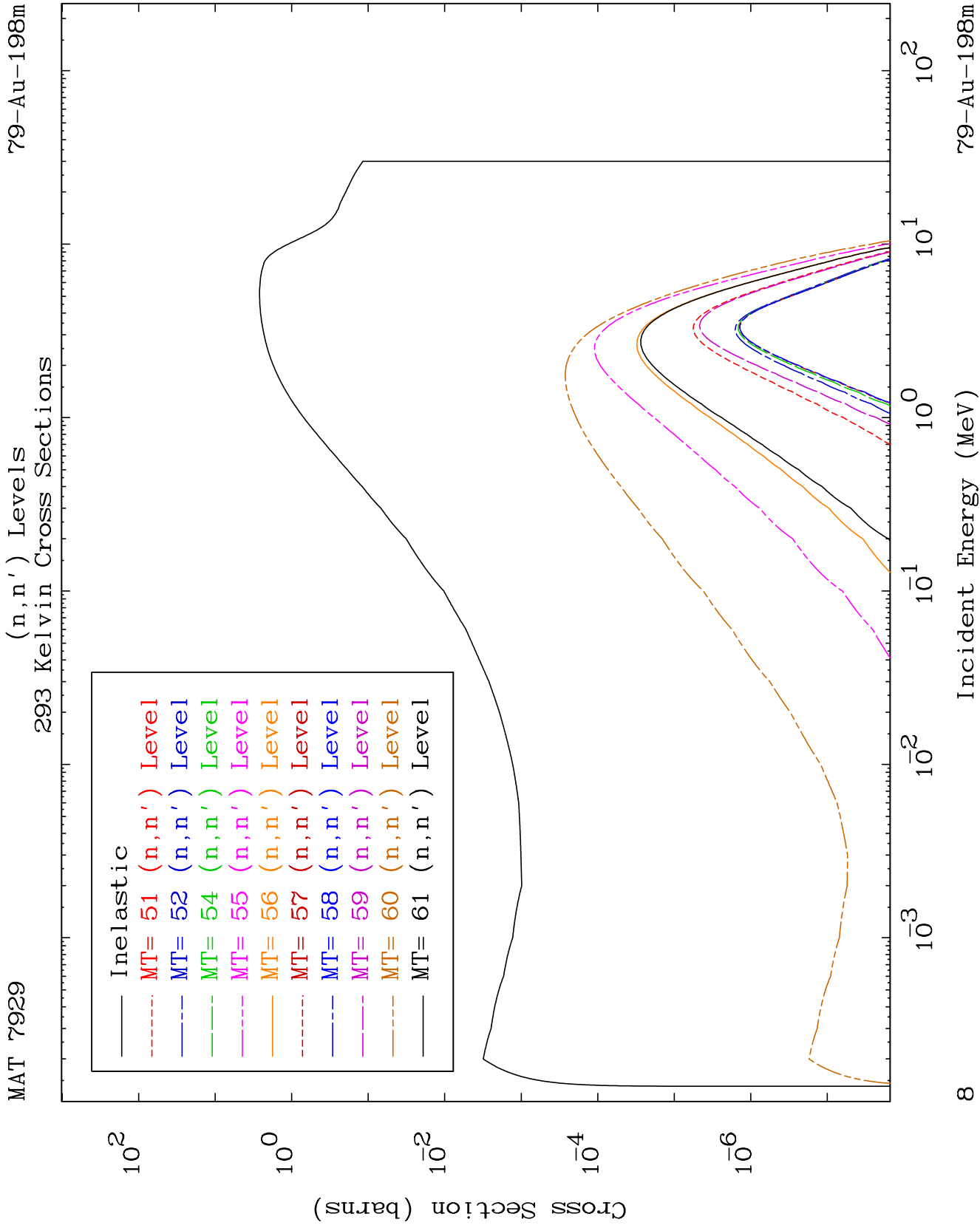
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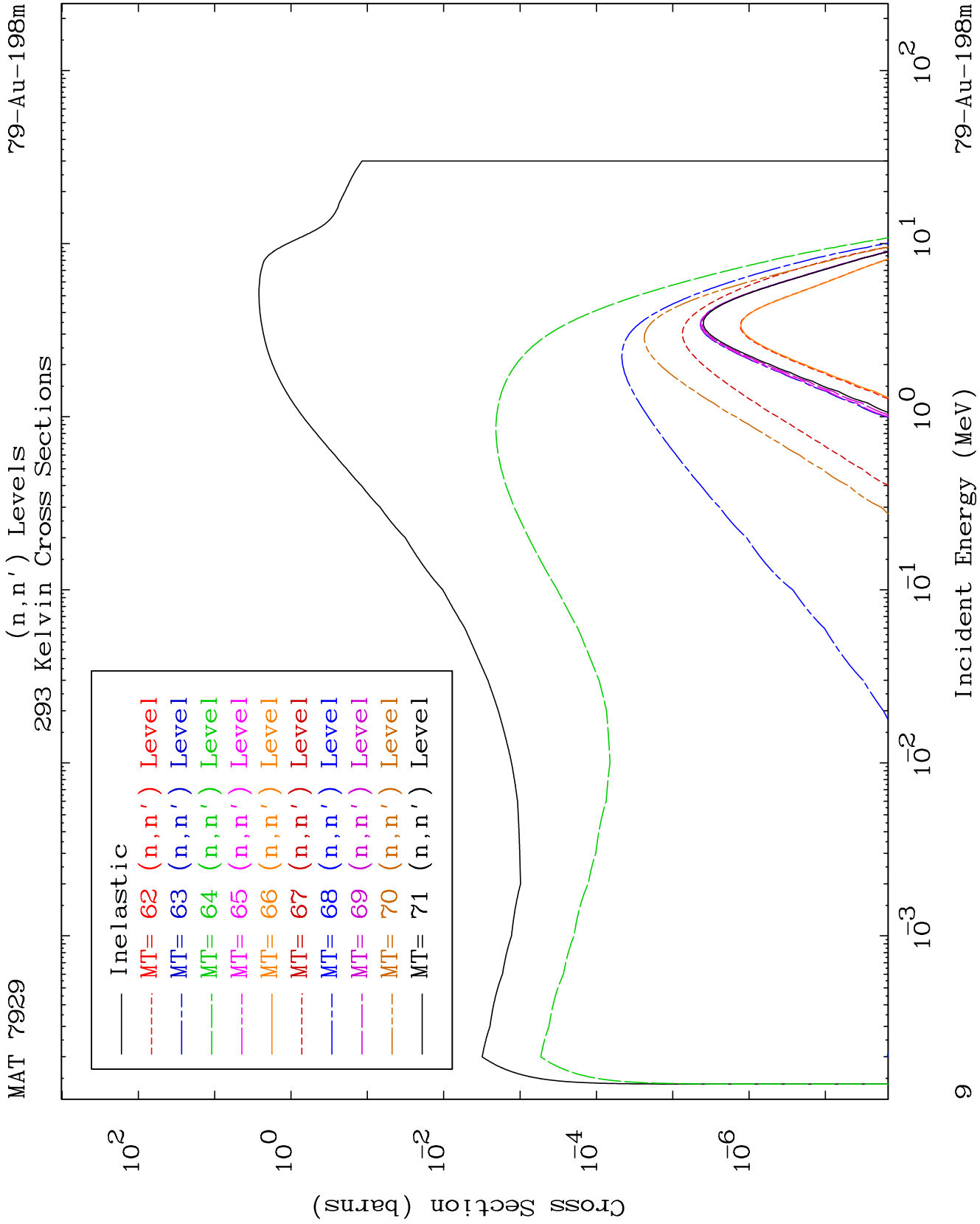
Charged Particle
293 Kelvin Cross Sections

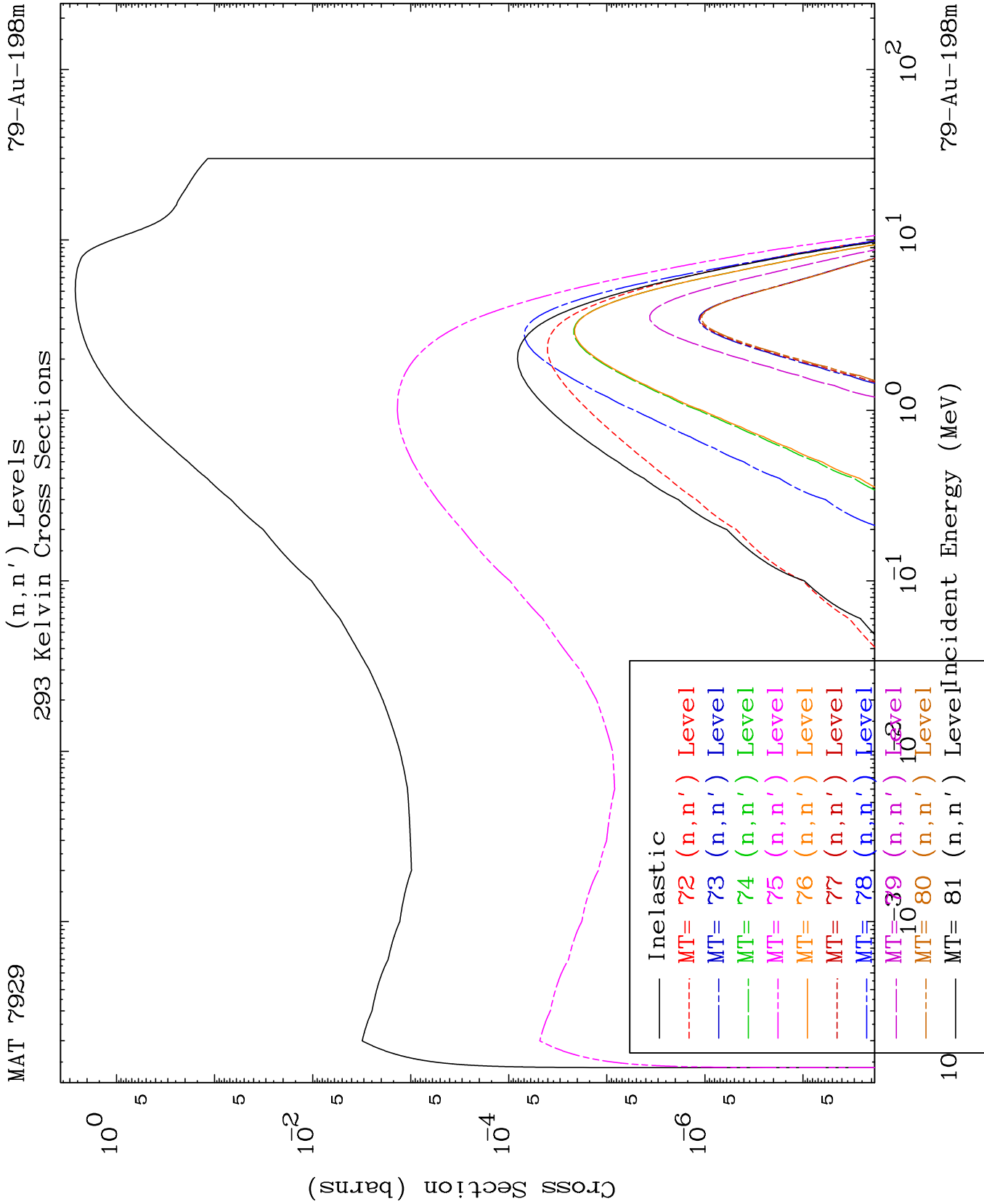
79-Au-198m







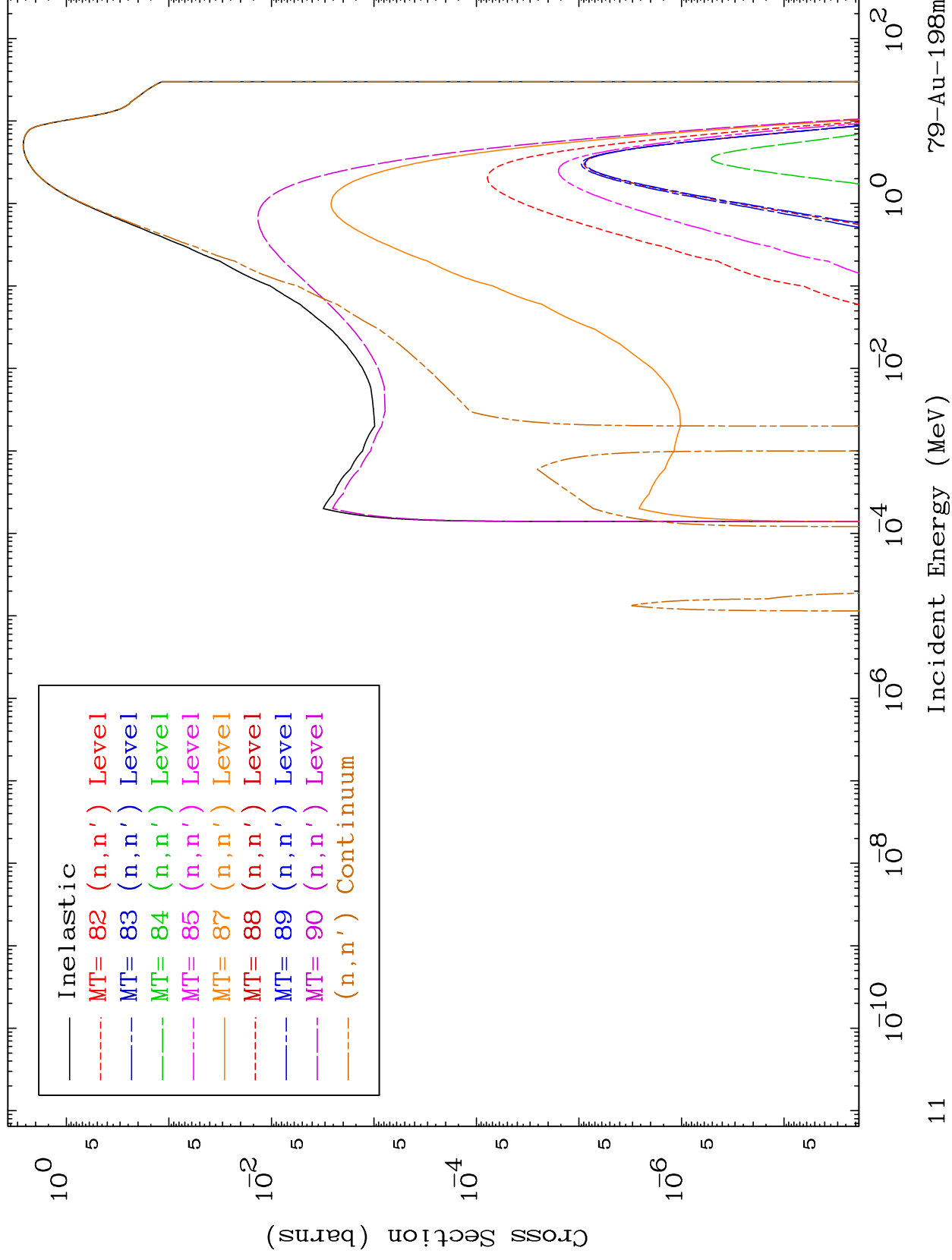




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(n,n') Levels
293 Kelvin Cross Sections

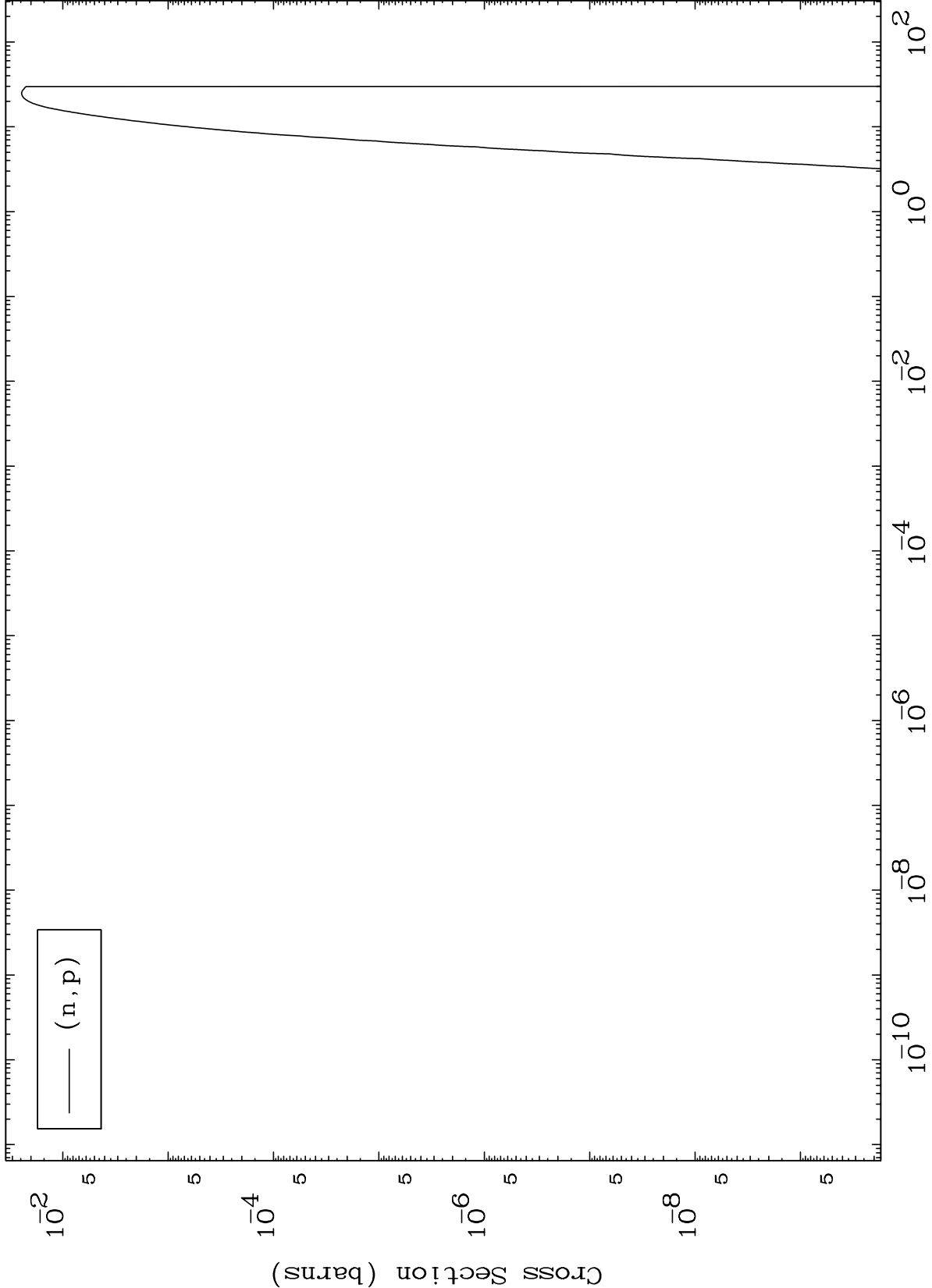
79-Au-198m

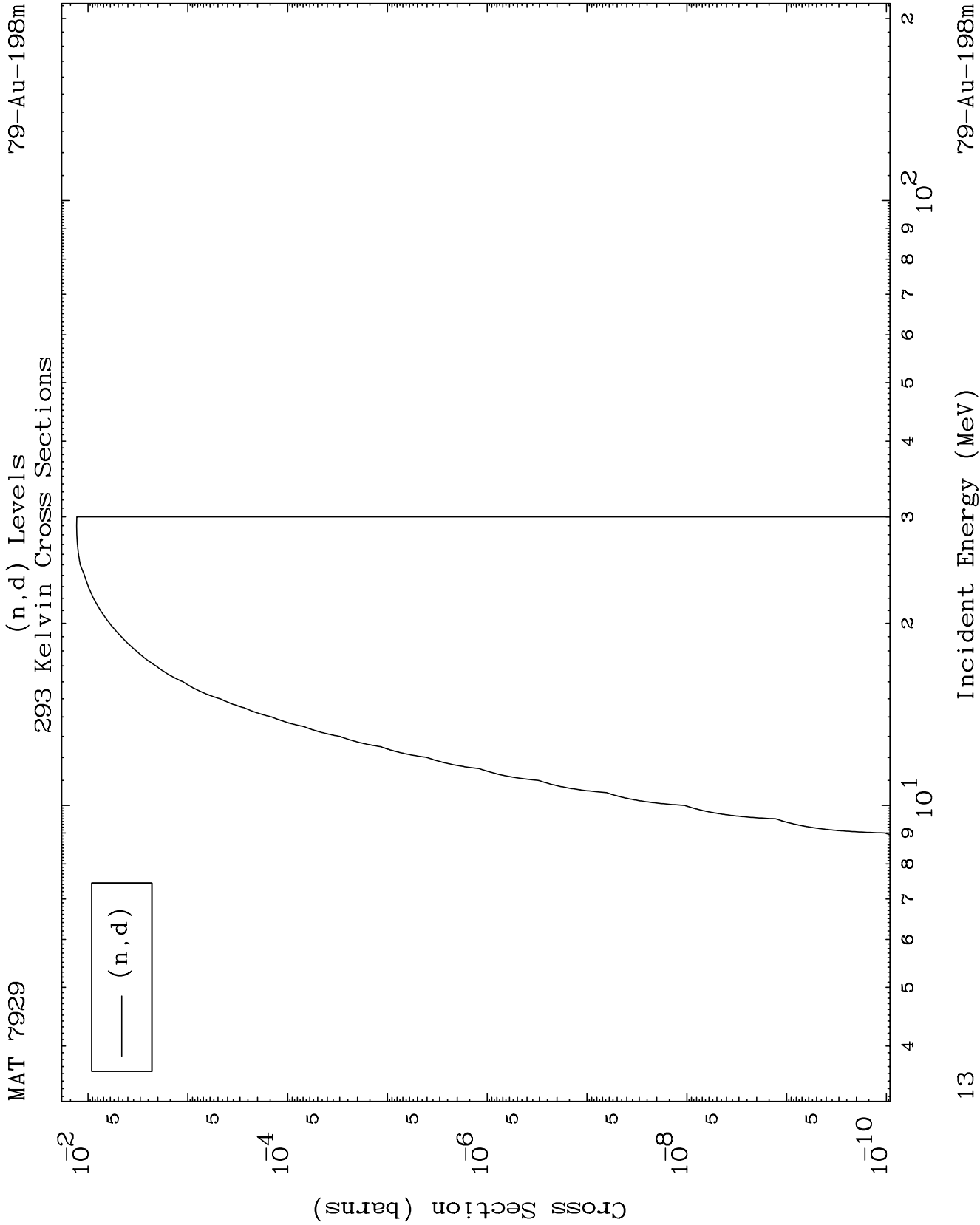


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(n,p) Levels
293 Kelvin Cross Sections

79-Au-198m

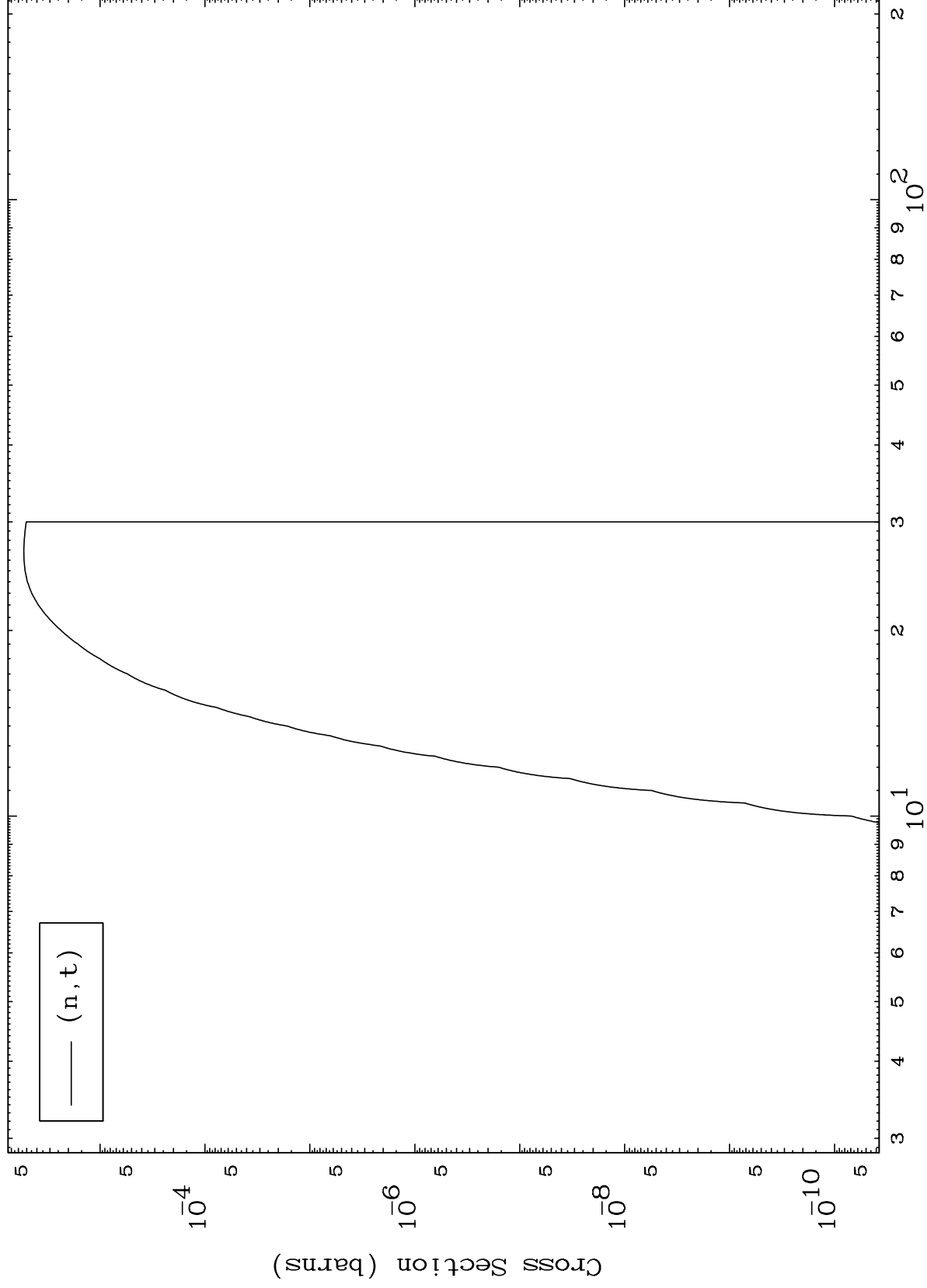




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79-Au-198m

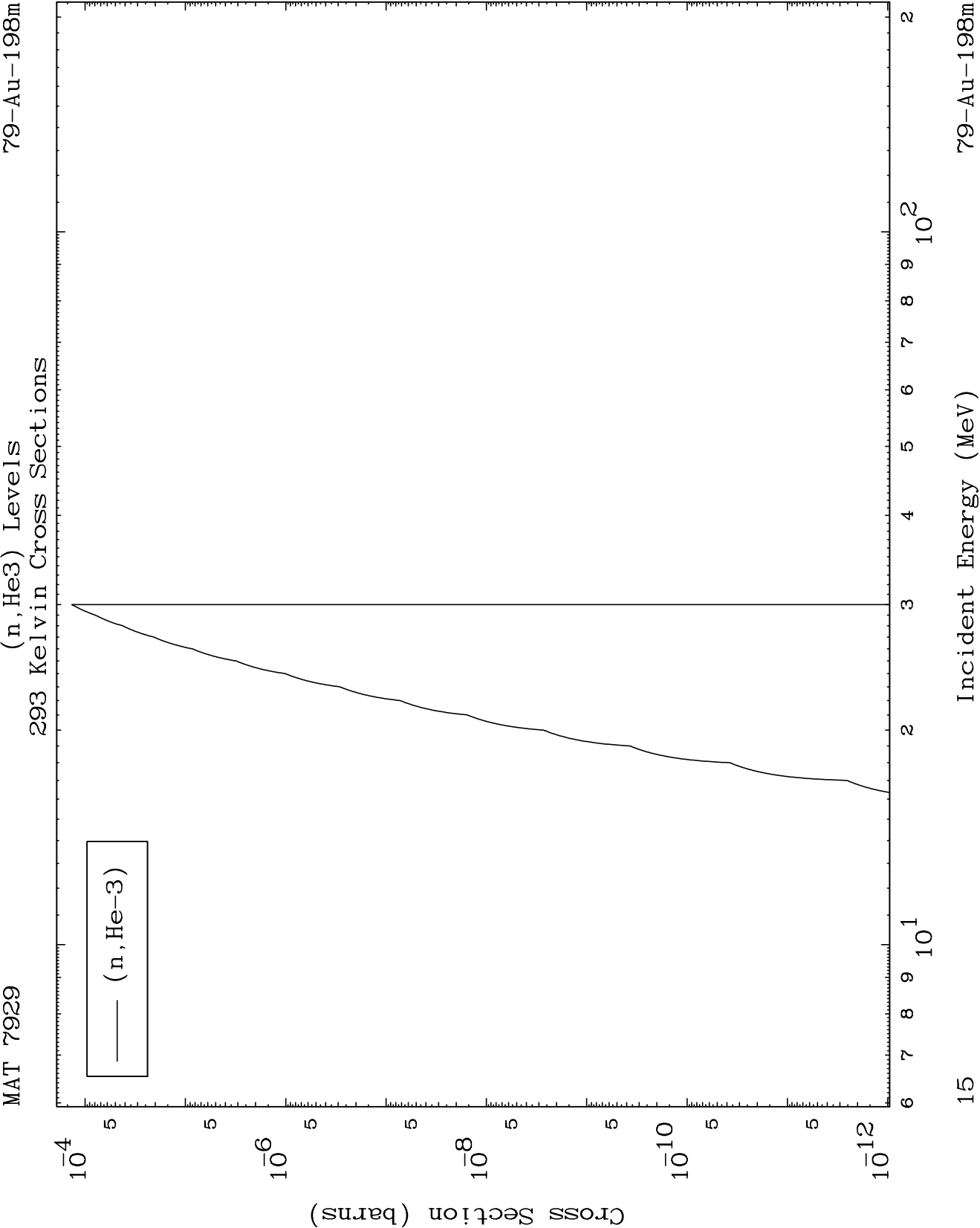
(n,t) Levels
293 Kelvin Cross Sections

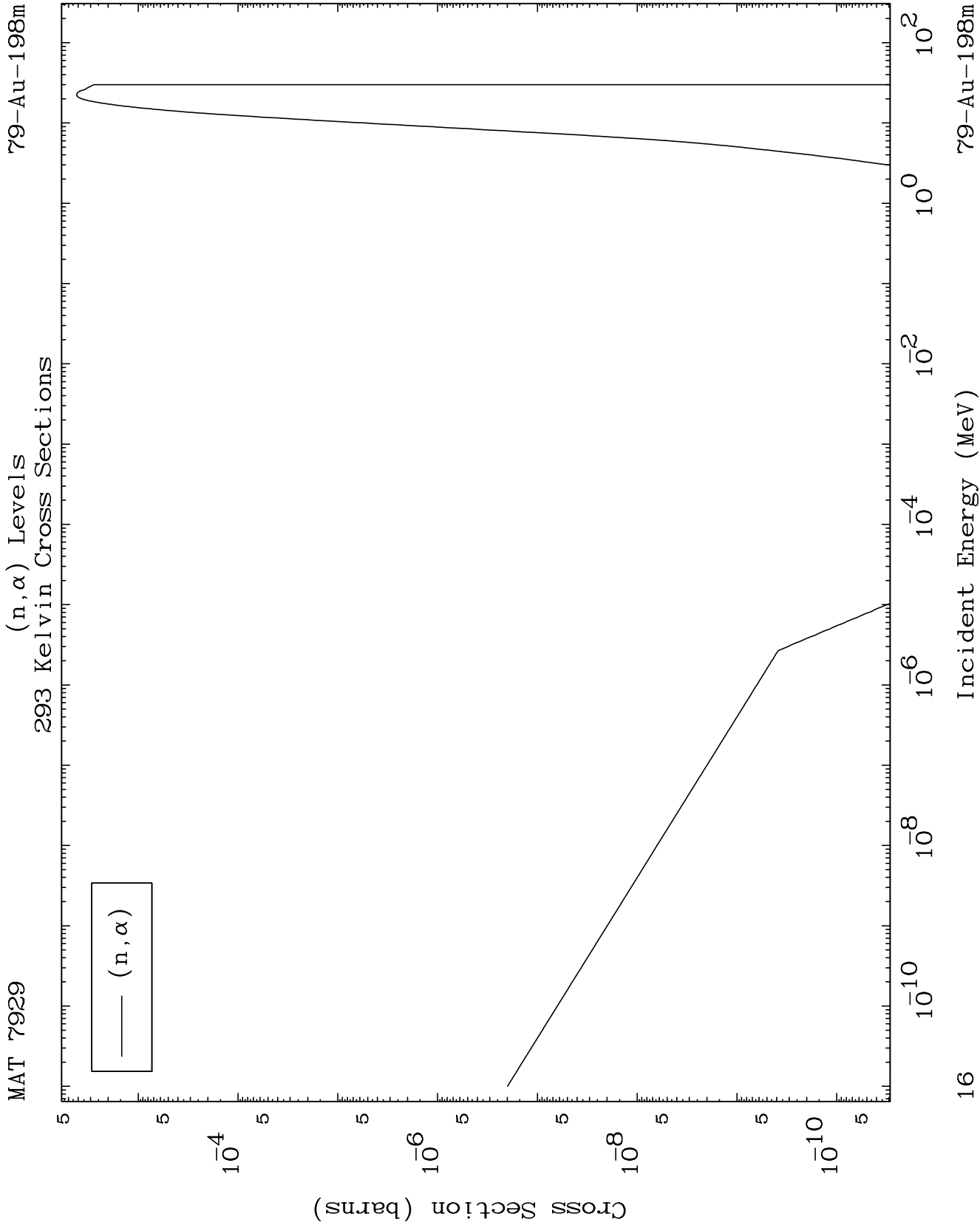


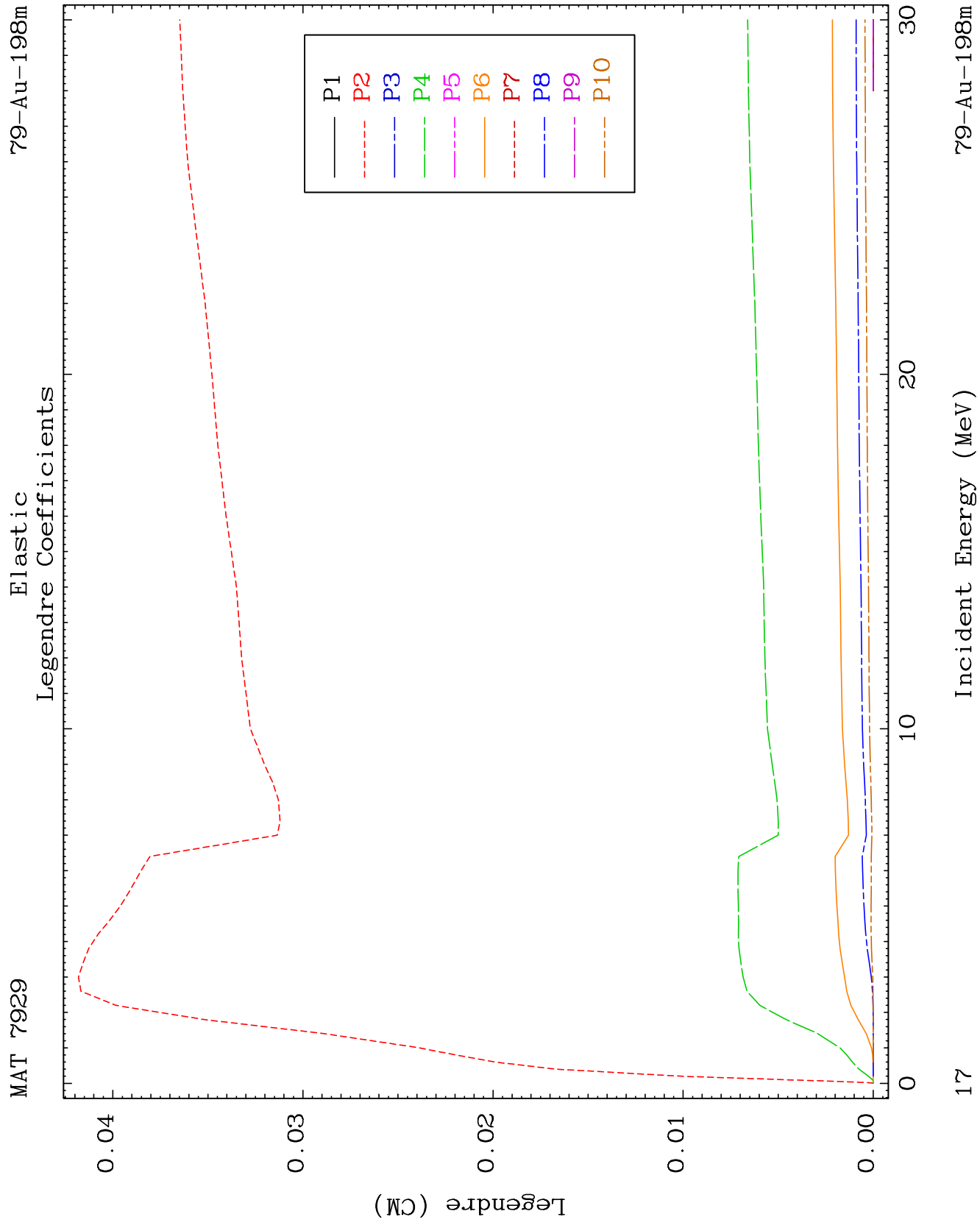
79-Au-198m

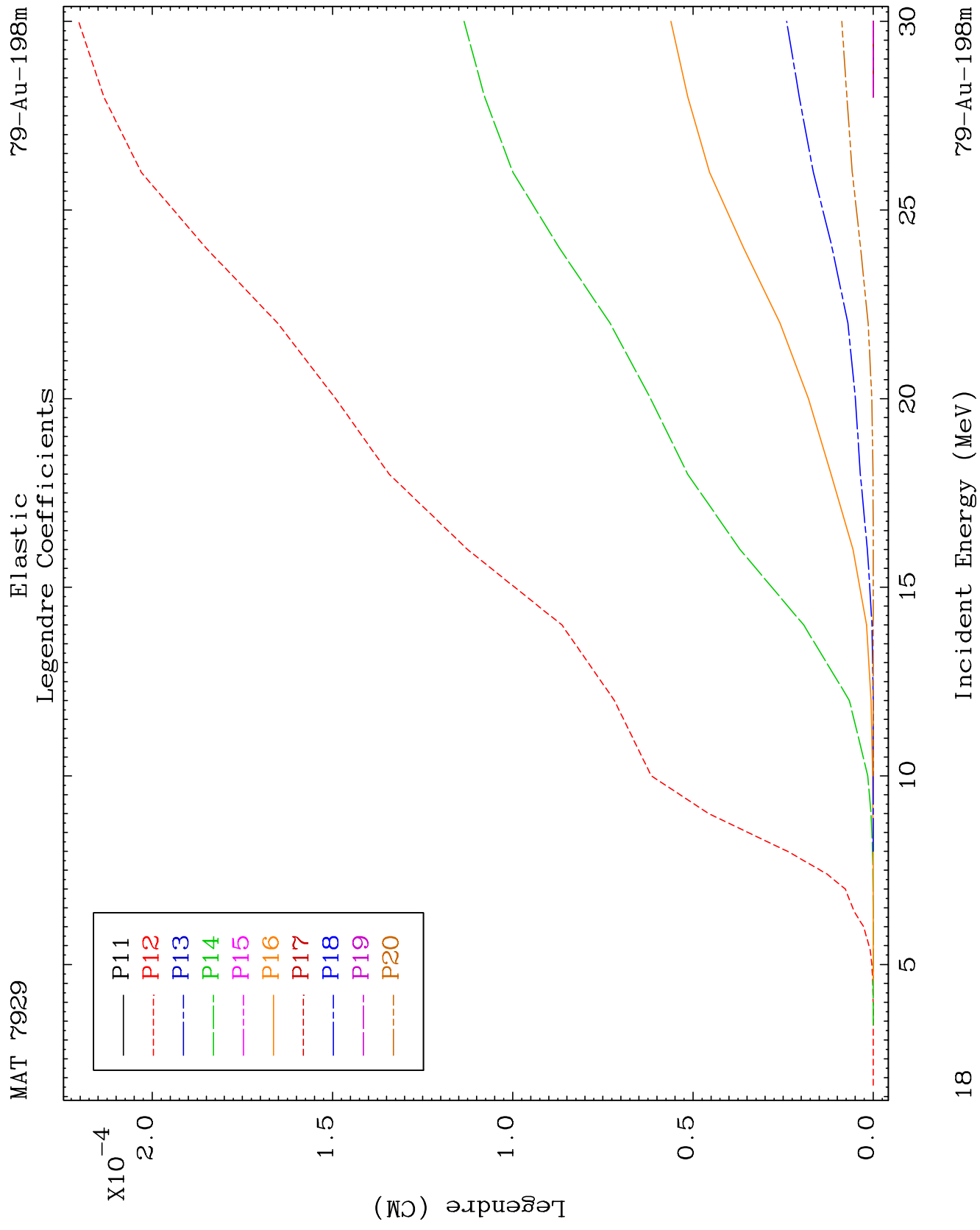
Incident Energy (MeV)

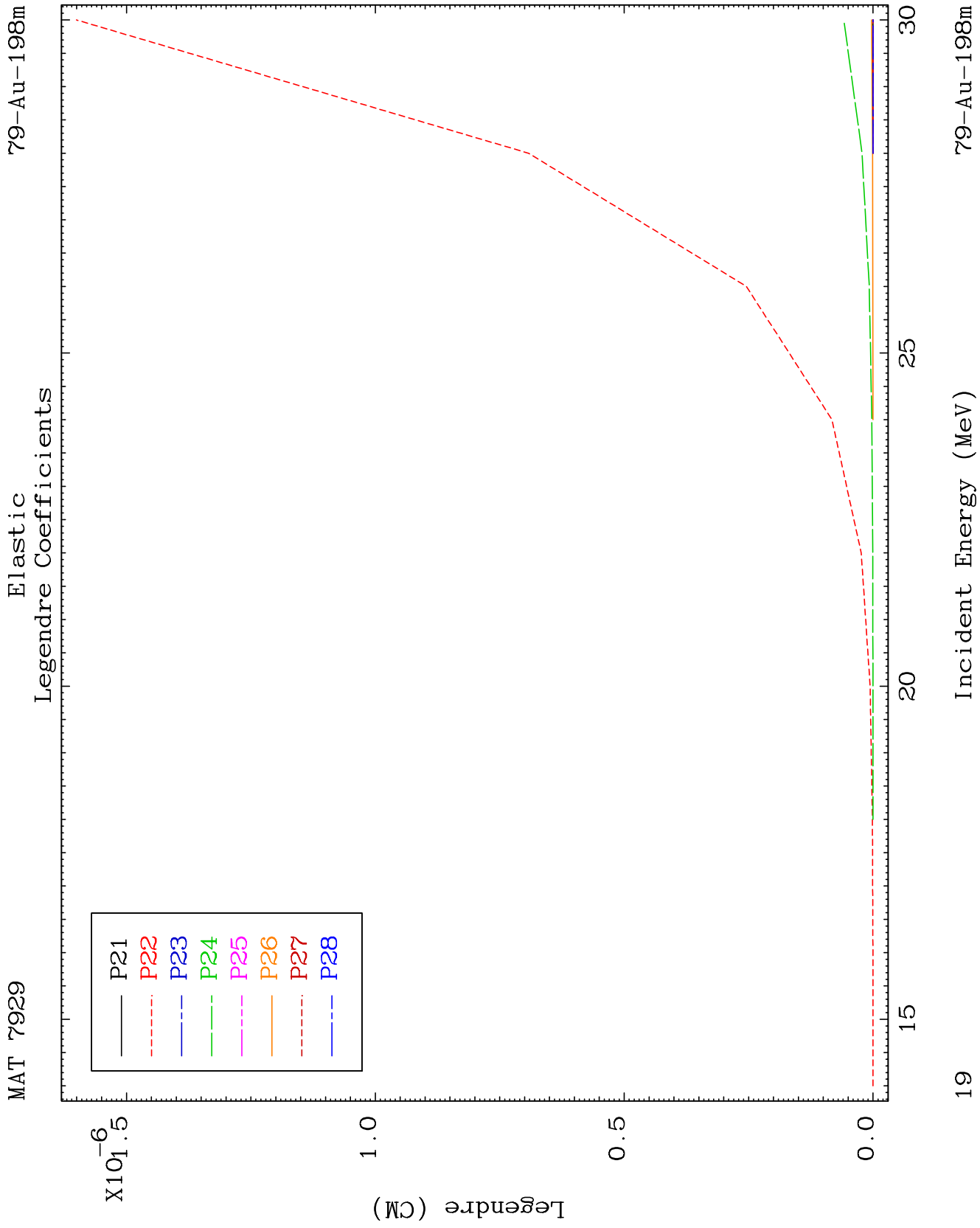
14









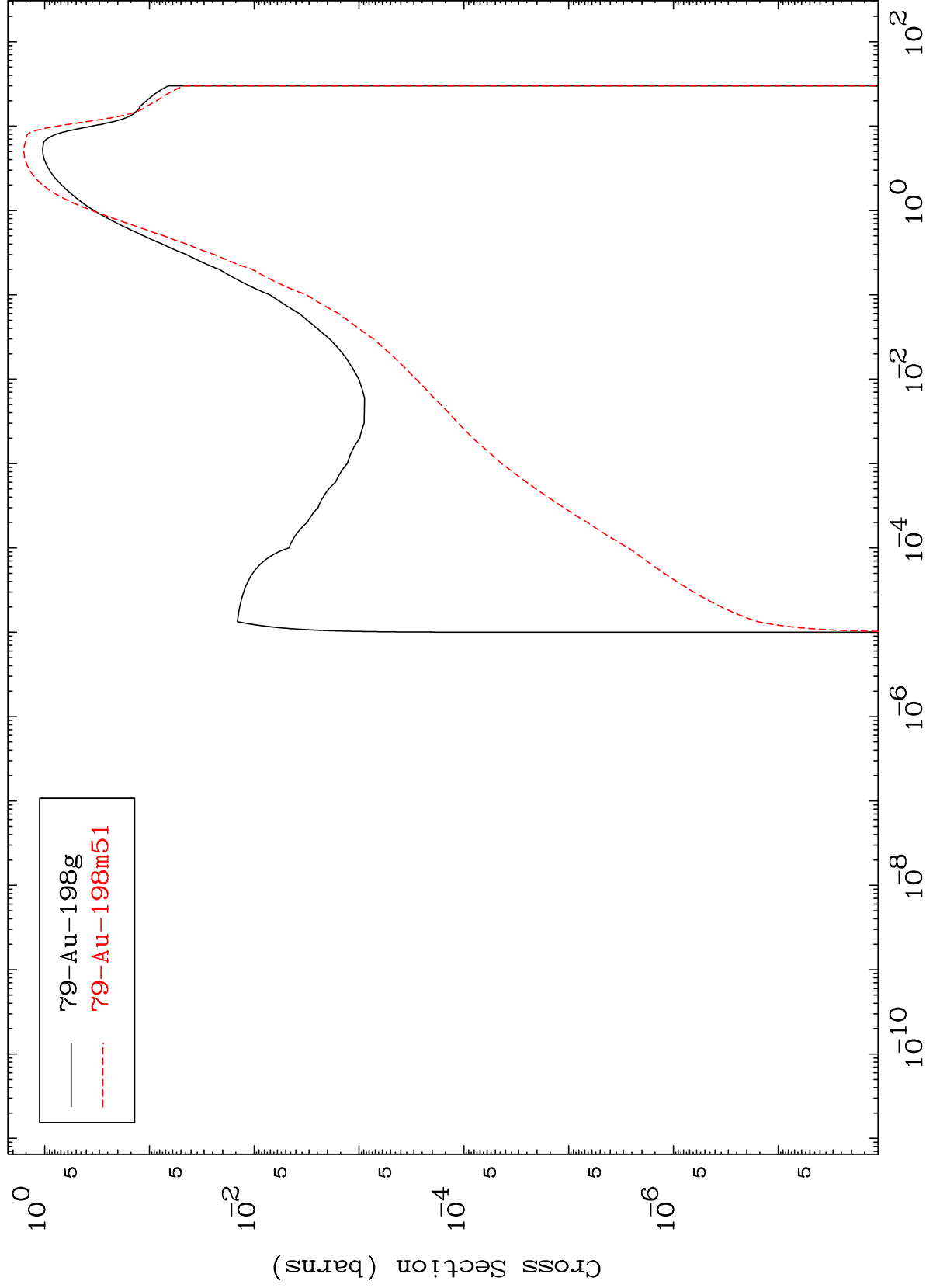


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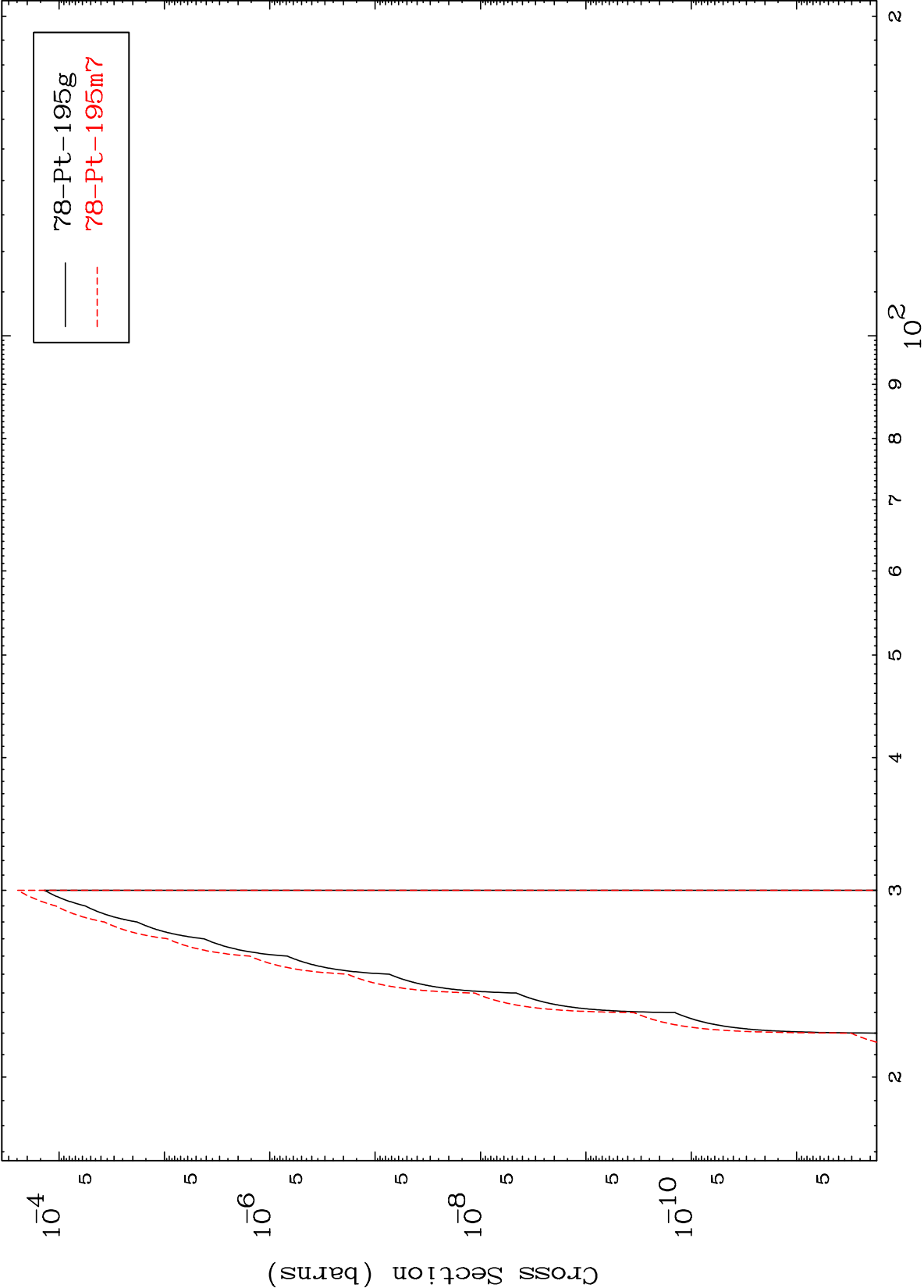
Inelastic

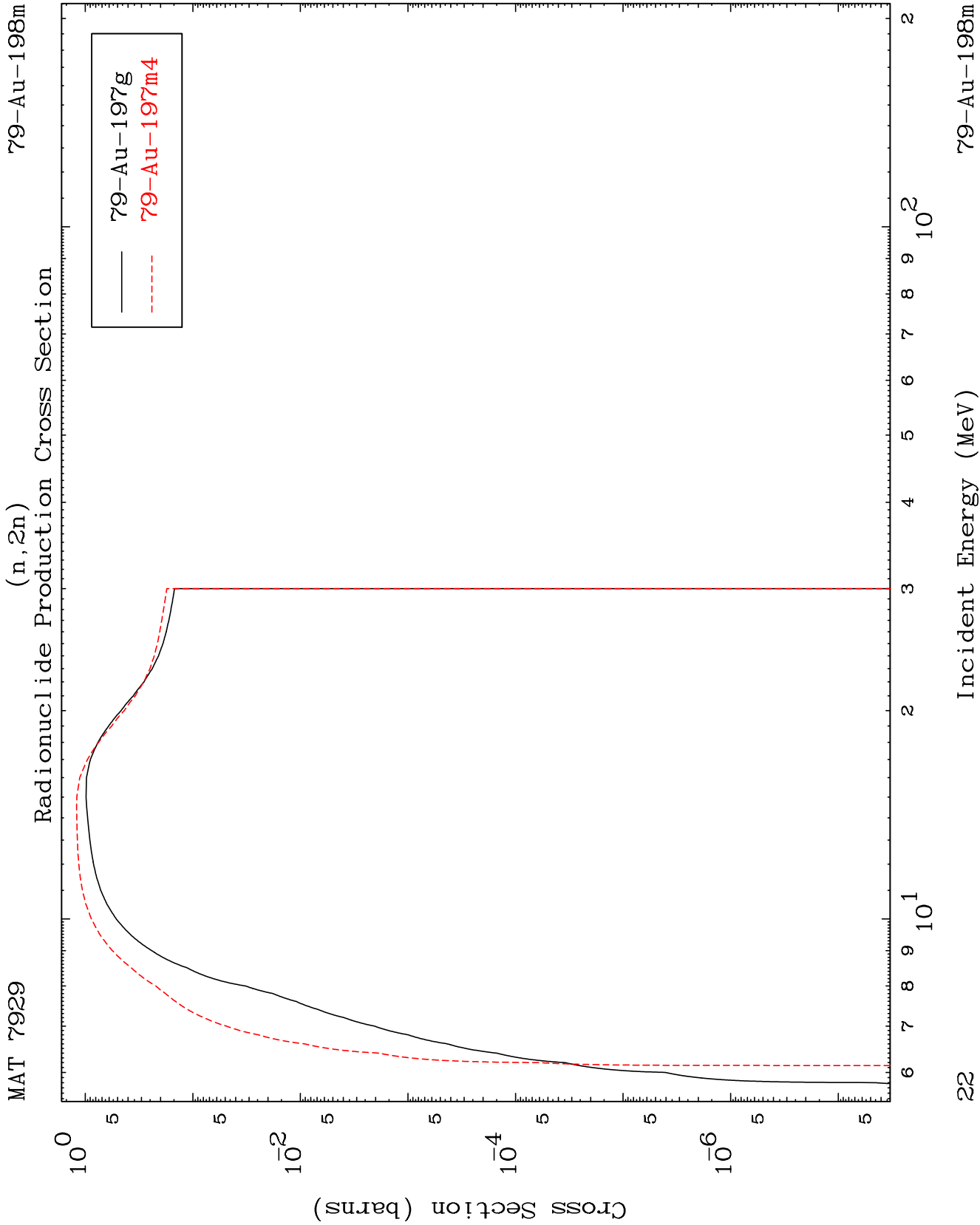
⁷⁹Au-198m

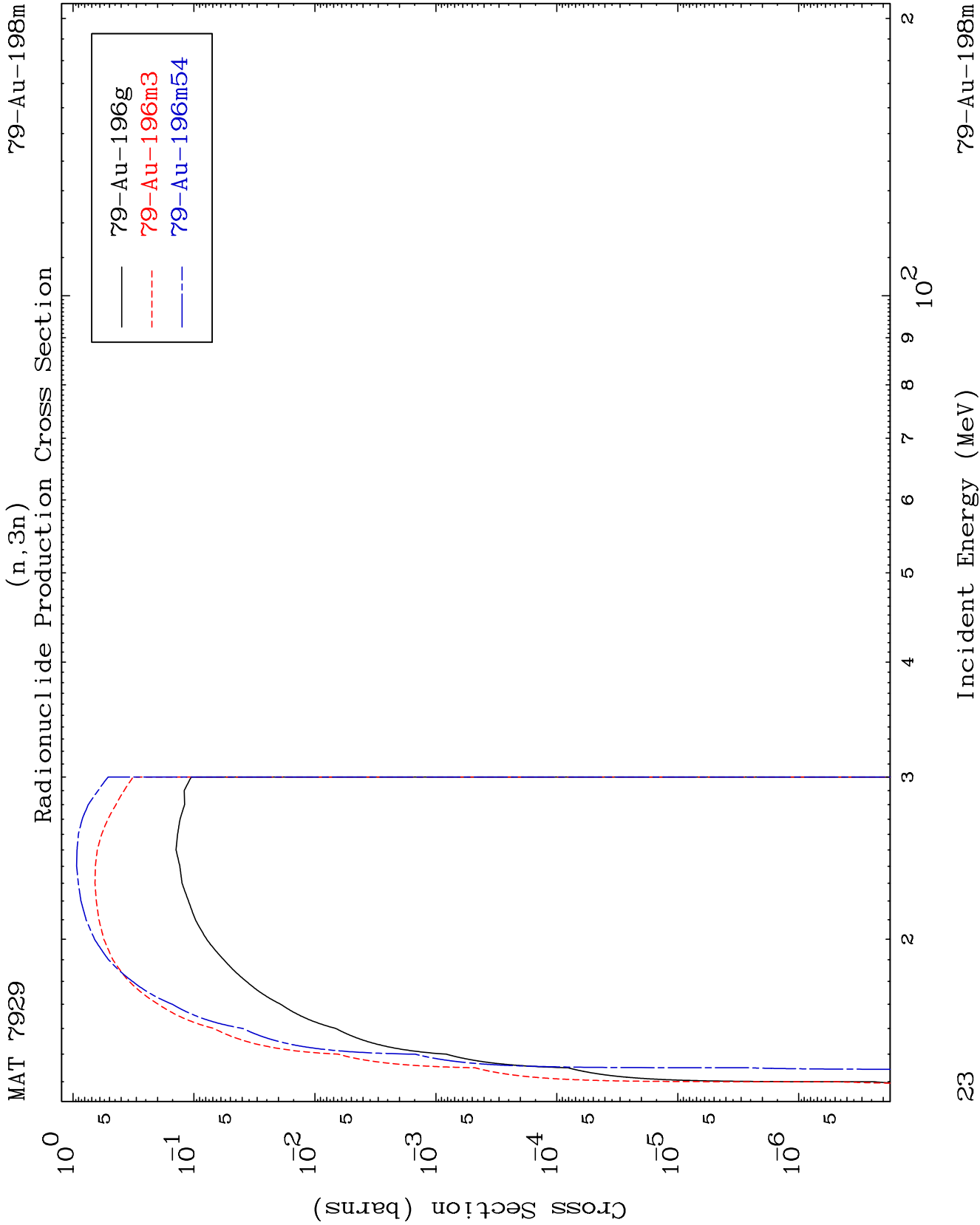
Radionuclide Production Cross Section



Radionuclide Production Cross Section





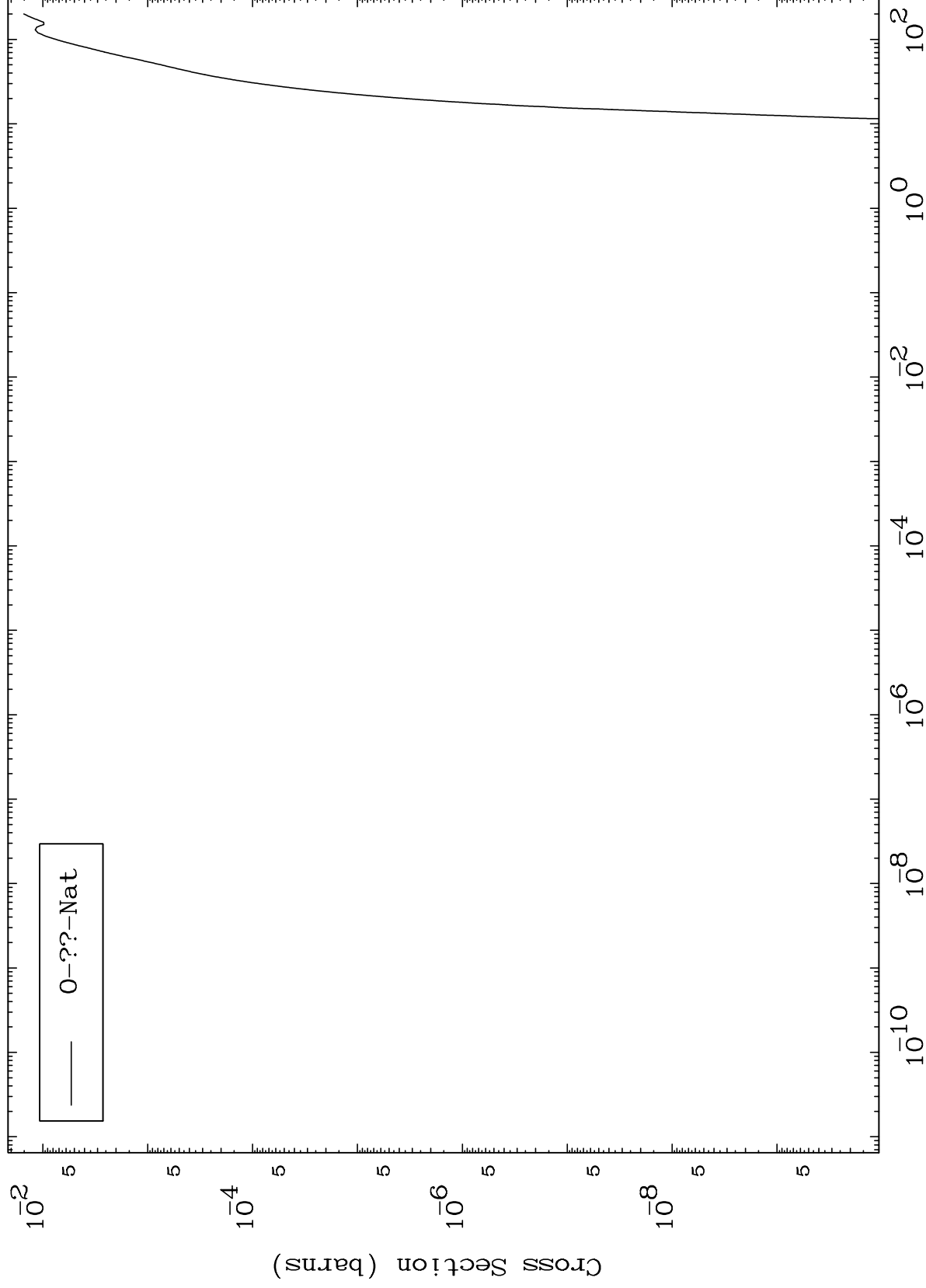


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Fission

⁷⁹Au-198m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

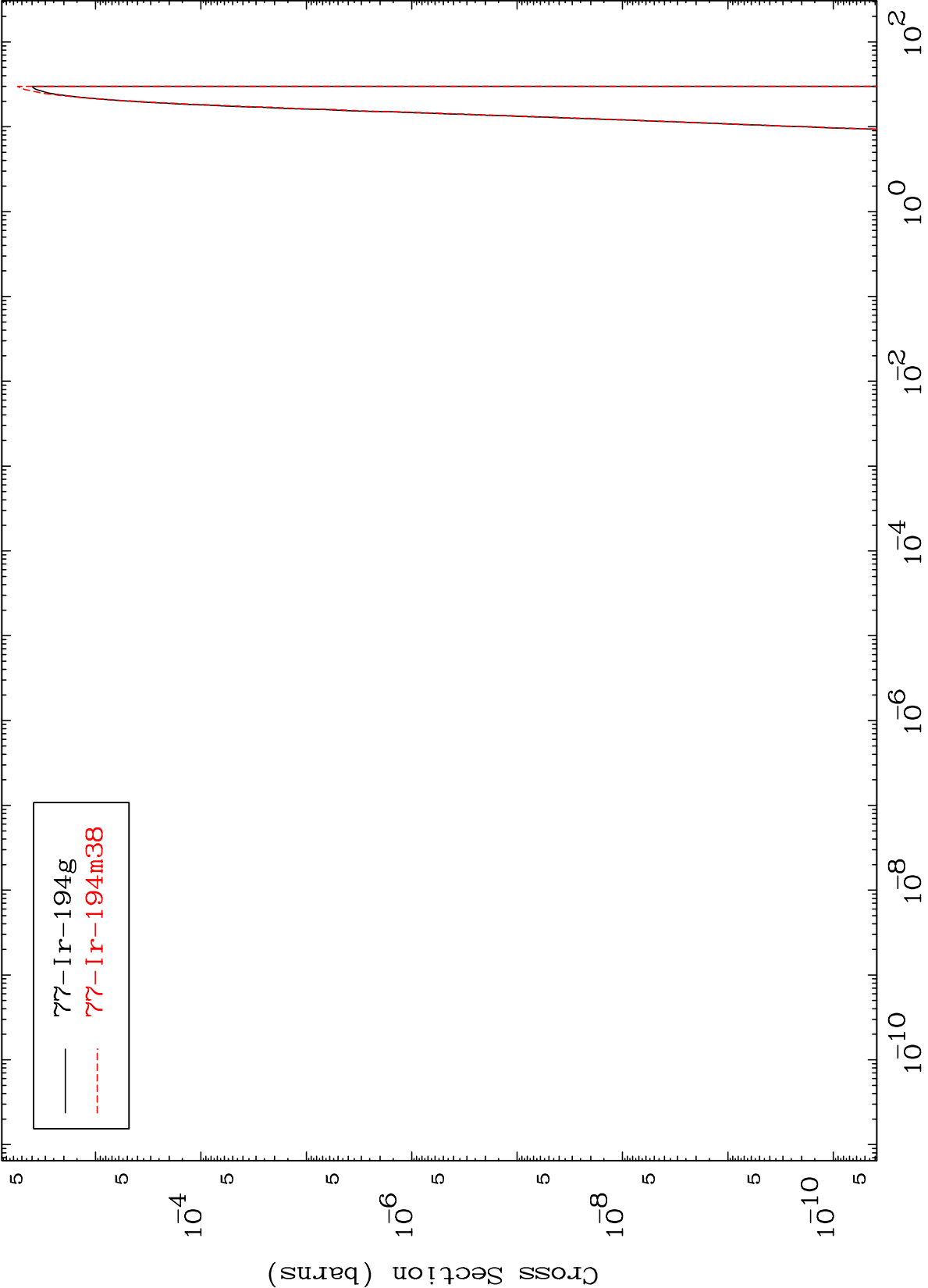
⁷⁹Au-198m

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$(n,n') \alpha$

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

Radionuclide Production Cross Section



25

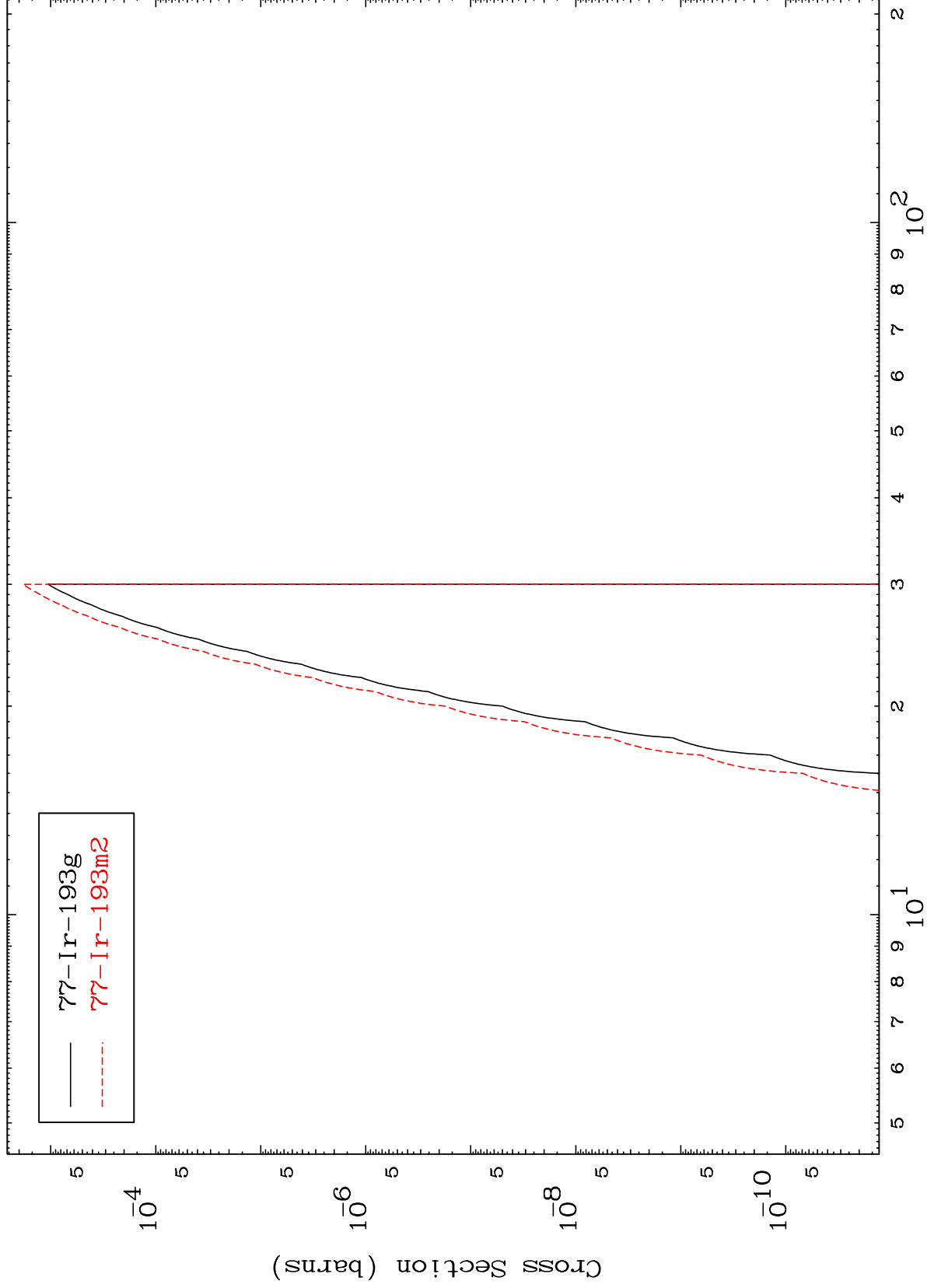
Incident Energy (MeV)

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

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

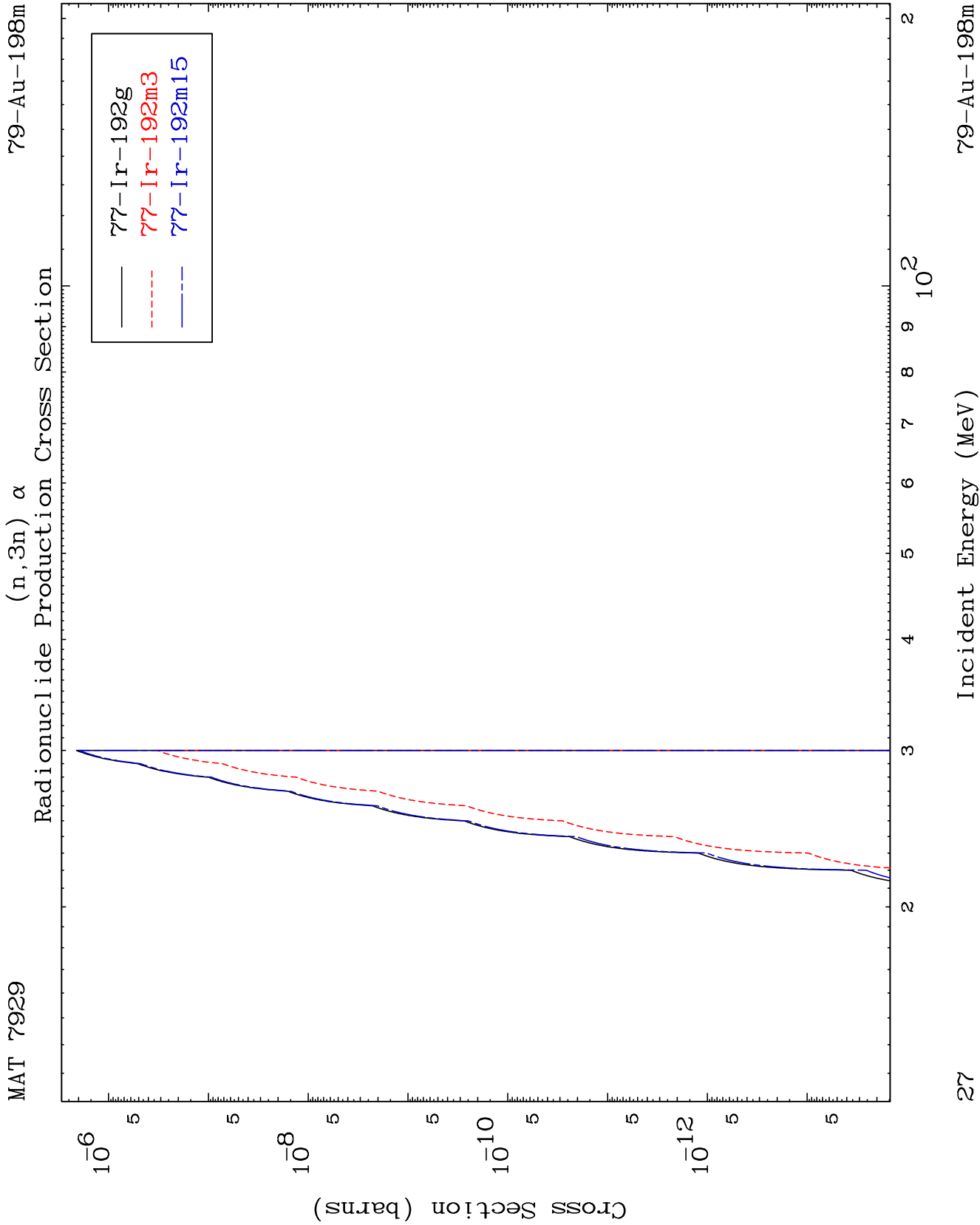
$(n,2n) \alpha$
Radionuclide Production Cross Section



26

Incident Energy (MeV)

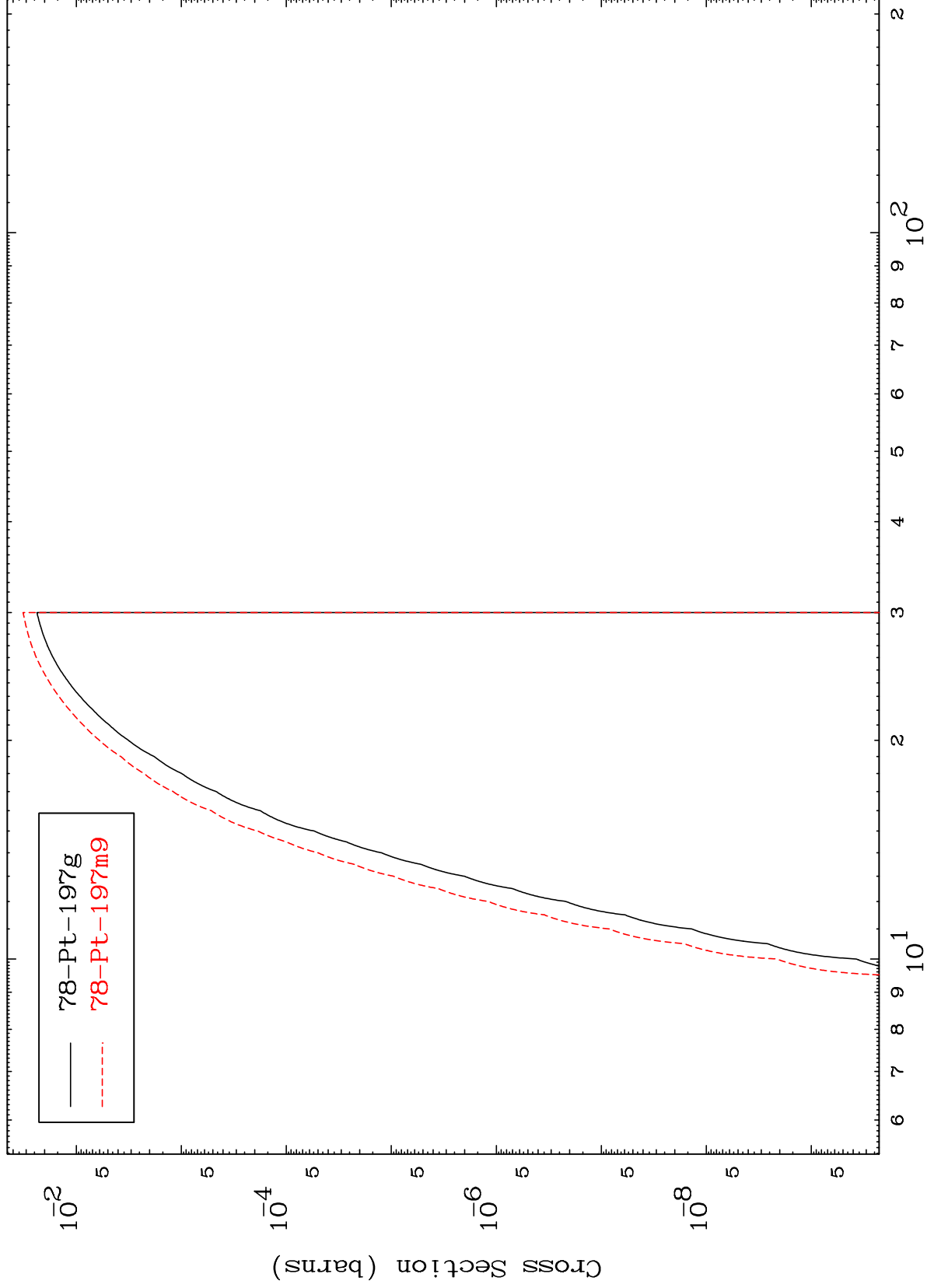
$^{79}\text{Au-198m}$



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⁷⁹Au-198m

(n,n') p
Radionuclide Production Cross Section



28

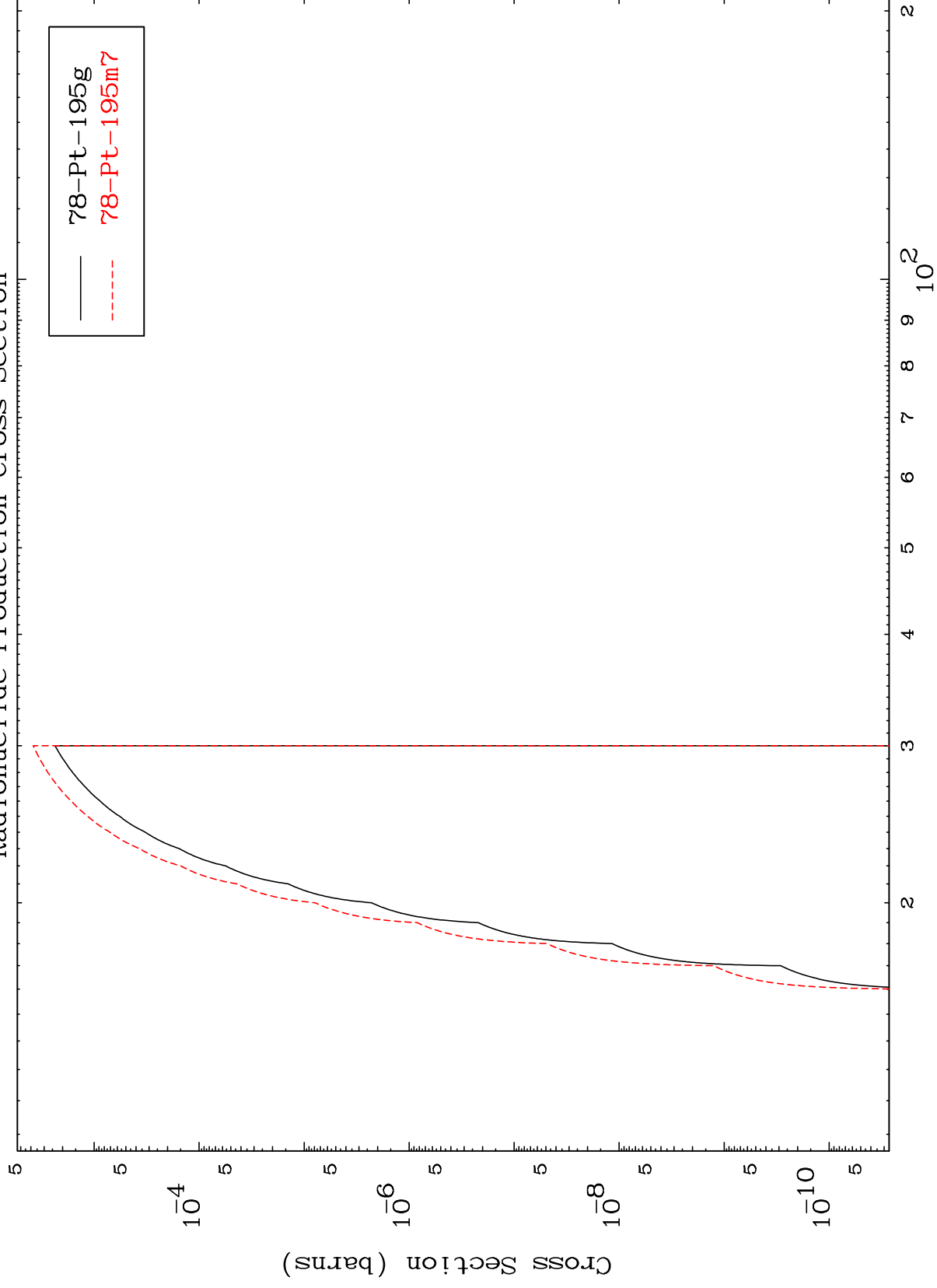
Incident Energy (MeV)

⁷⁹Au-198m

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79-Au-198m

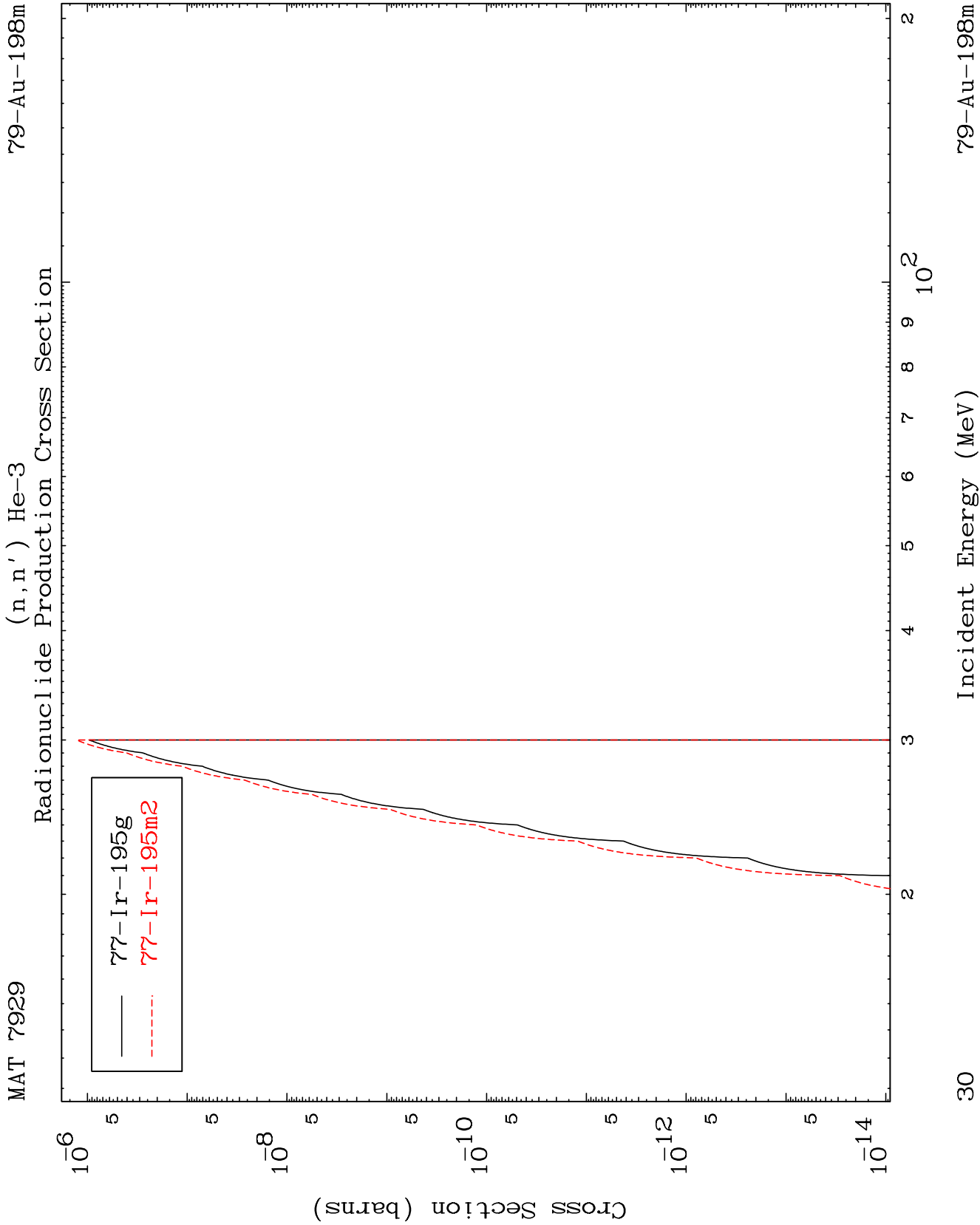
$(n,n')\ t$
Radionuclide Production Cross Section



29

Incident Energy (MeV)

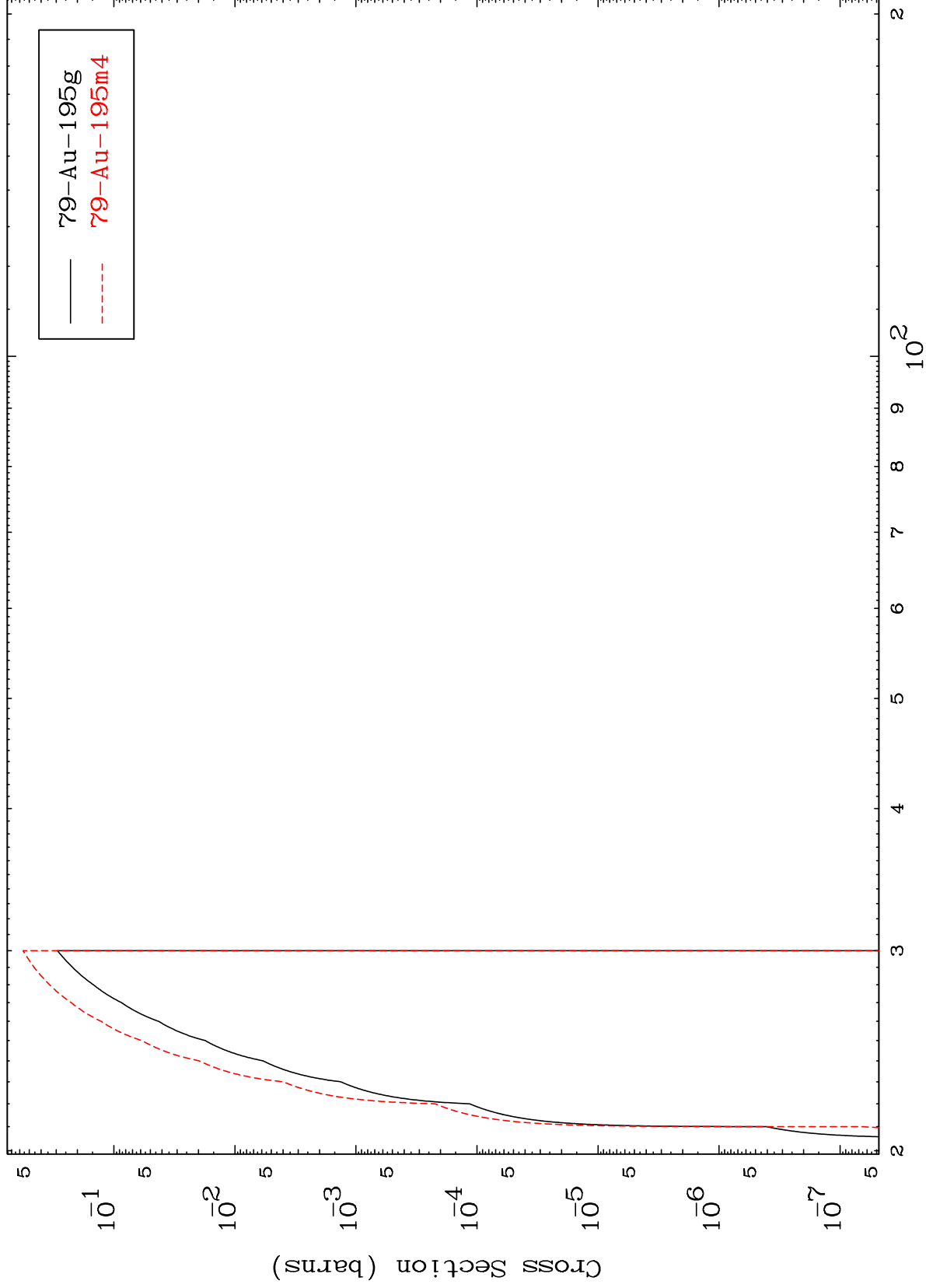
79-Au-198m



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79-Au-198m

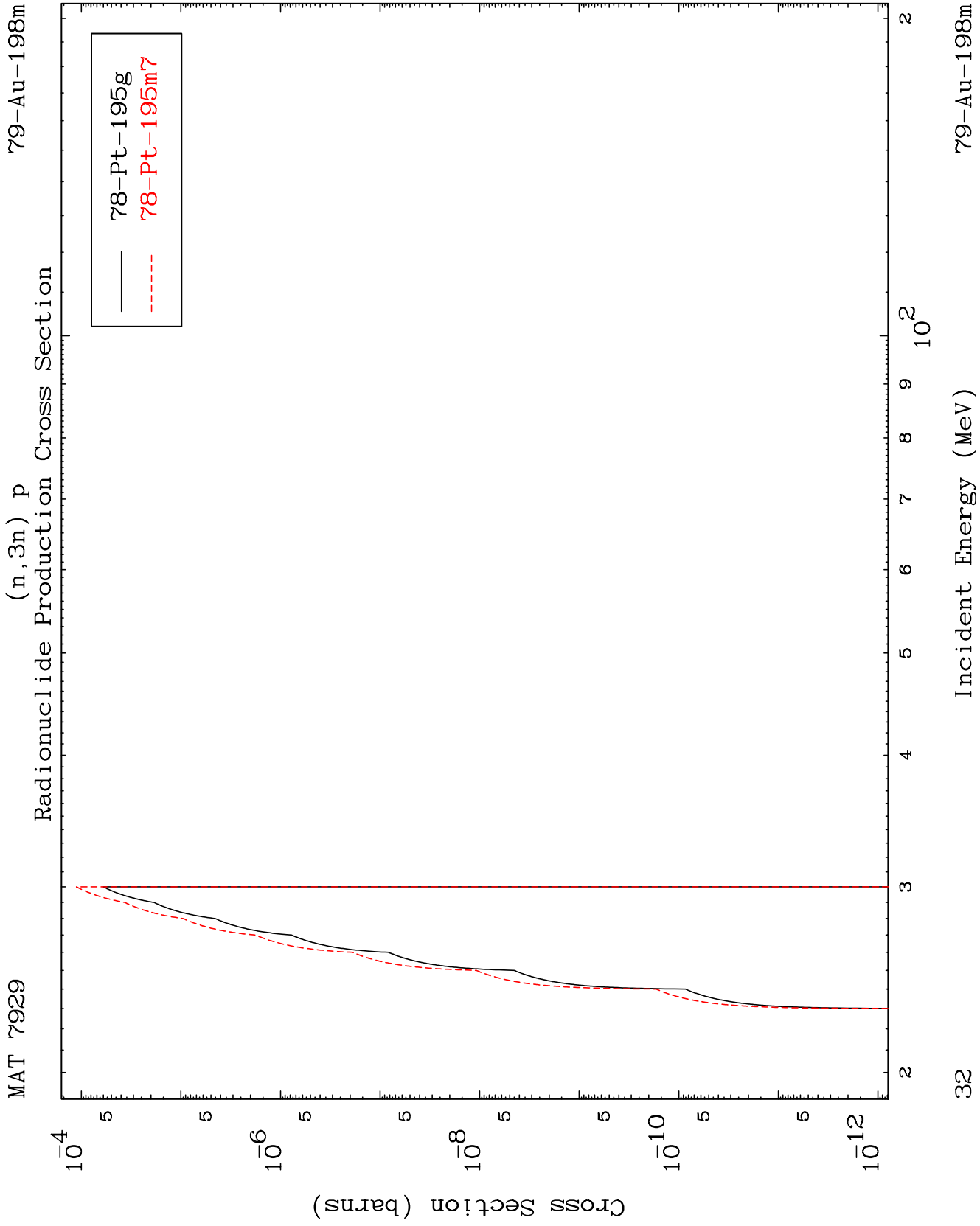
(n,4n)
Radionuclide Production Cross Section



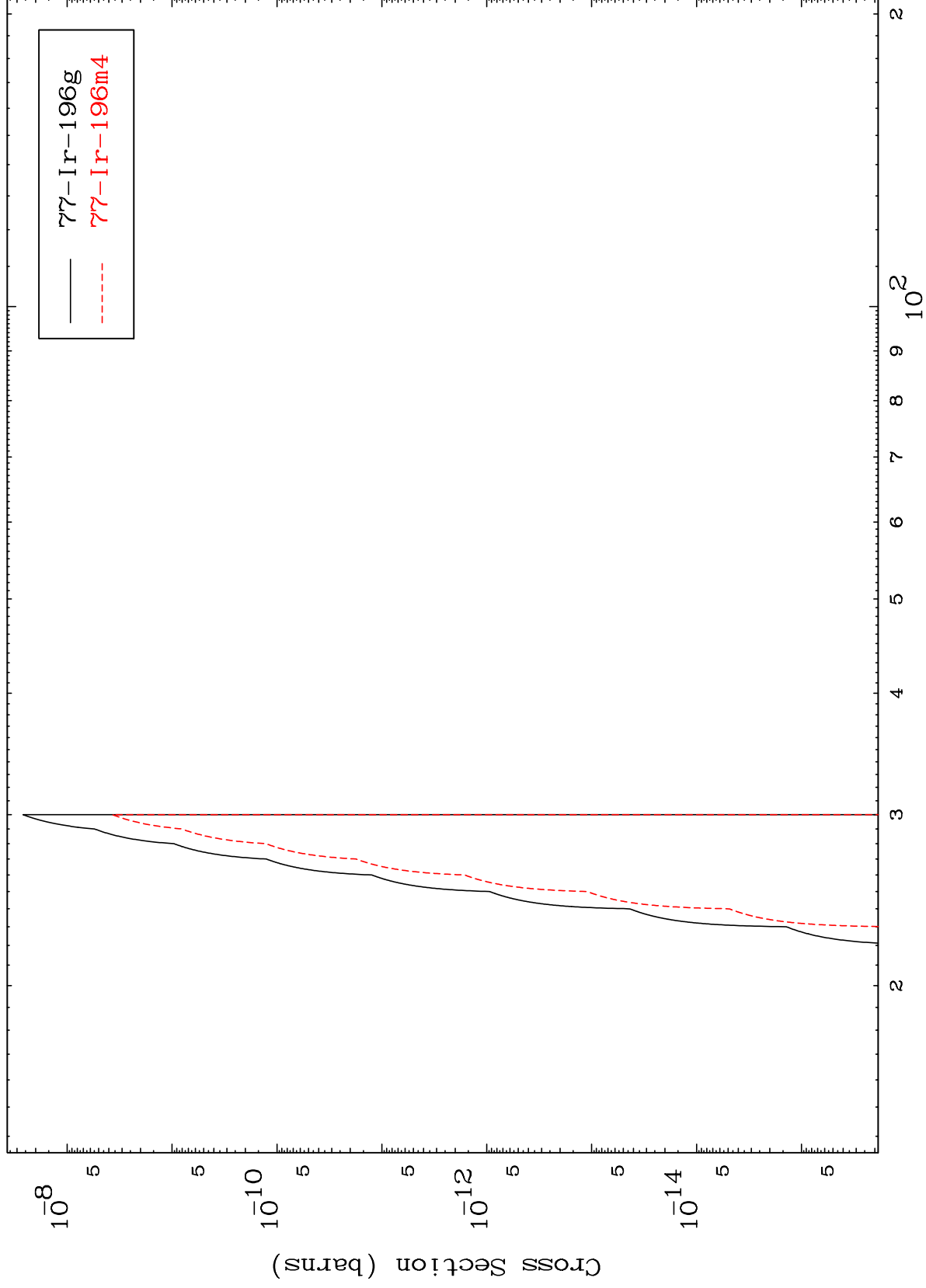
79-Au-198m

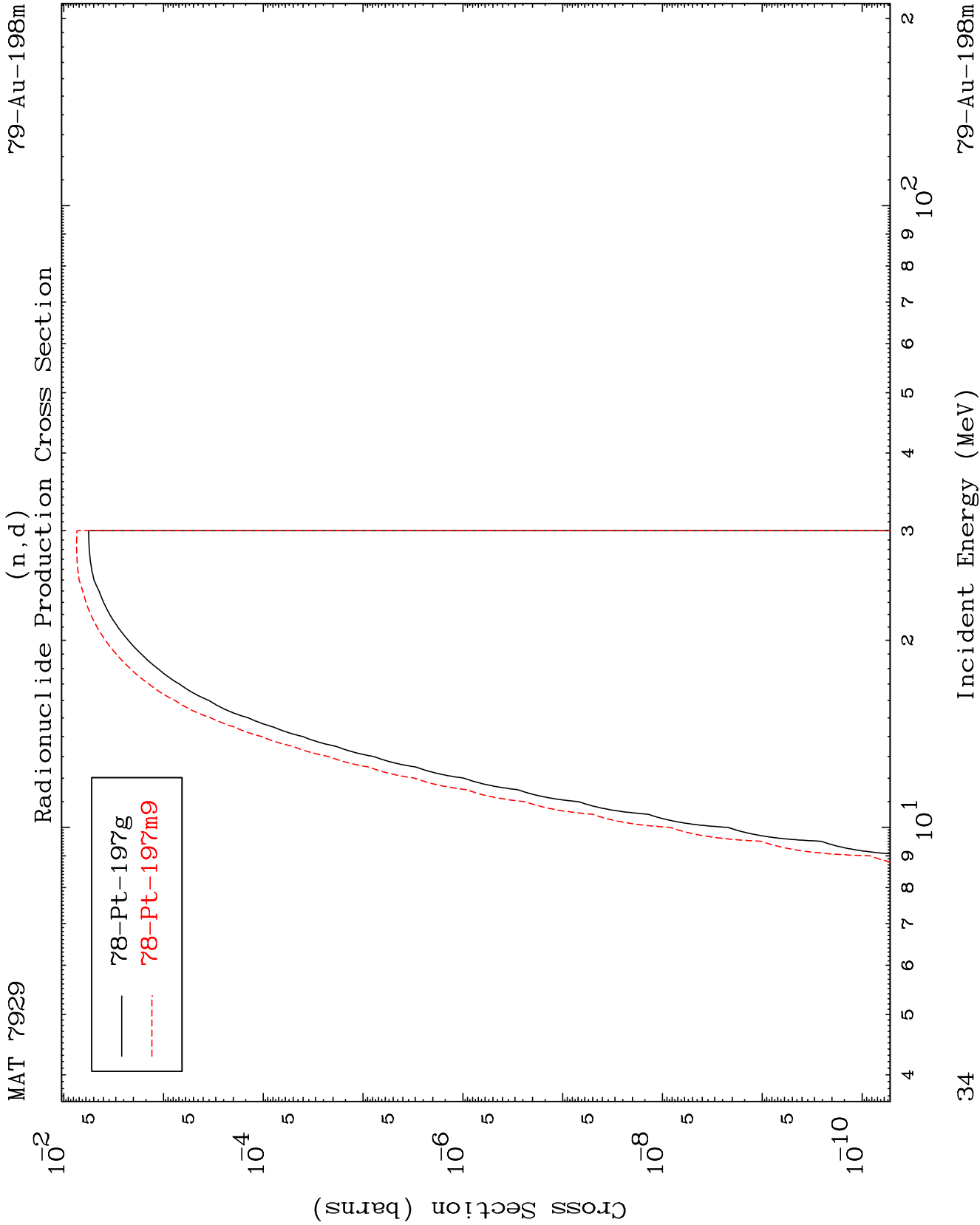
Incident Energy (MeV)

31



(n,2n) p
Radionuclide Production Cross Section

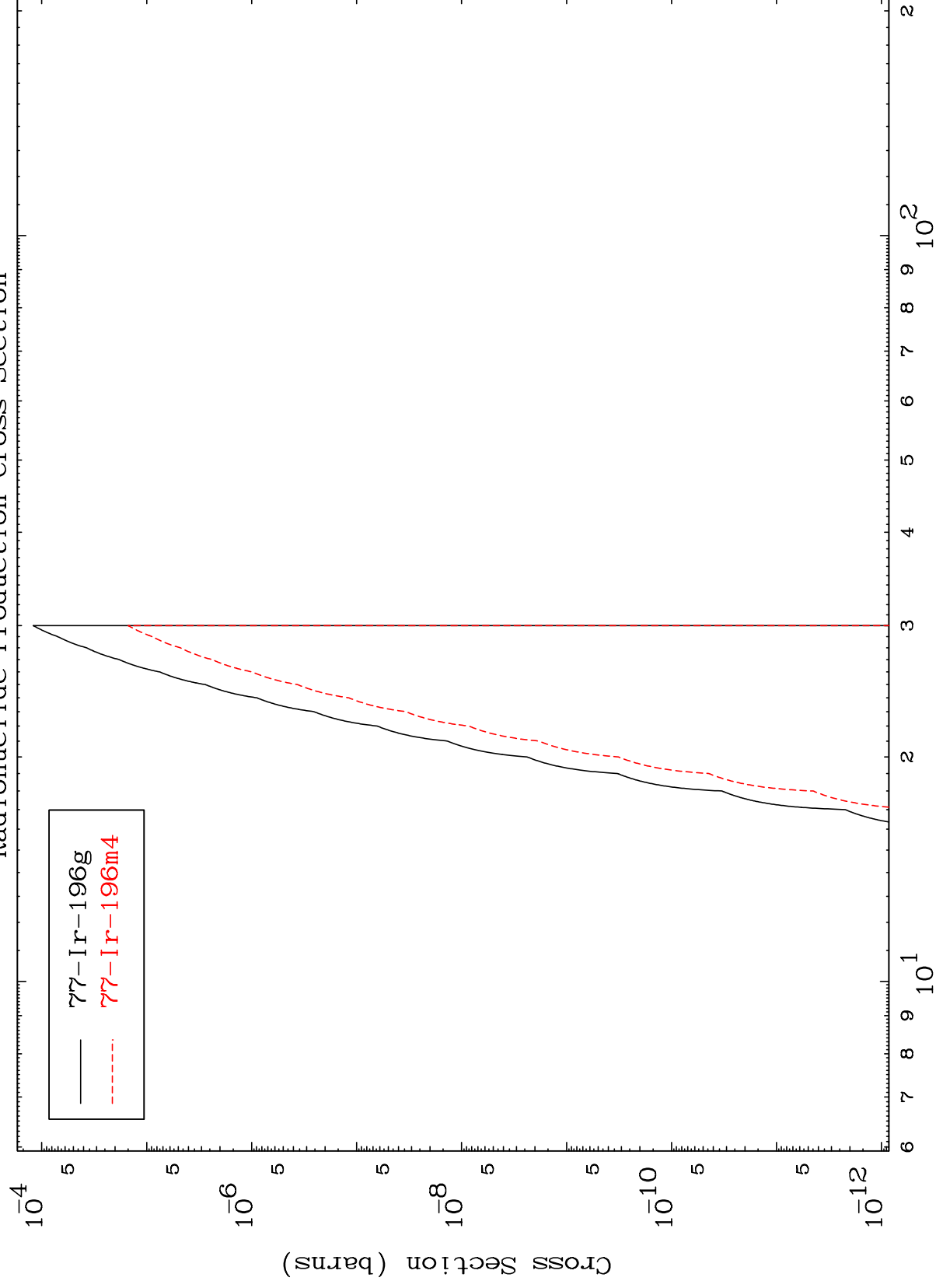




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⁷⁹Au-198m

Radionuclide Production Cross Section



35

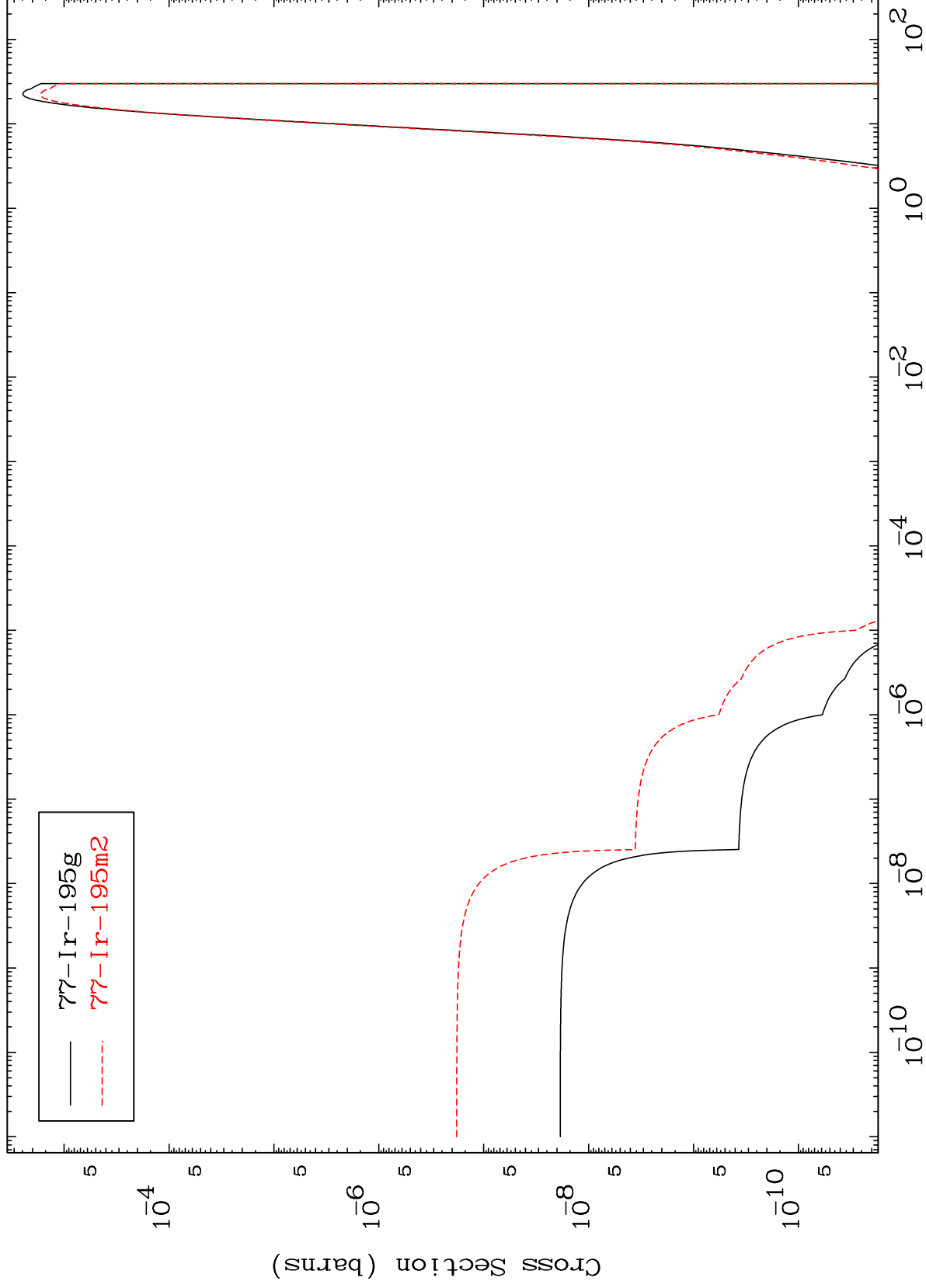
Incident Energy (MeV)

⁷⁹Au-198m

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⁷⁹Au-198m

Radionuclide Production Cross Section



36

⁷⁹Au-198m

