

Program EVALPLOT
(Version 2018-1)

by

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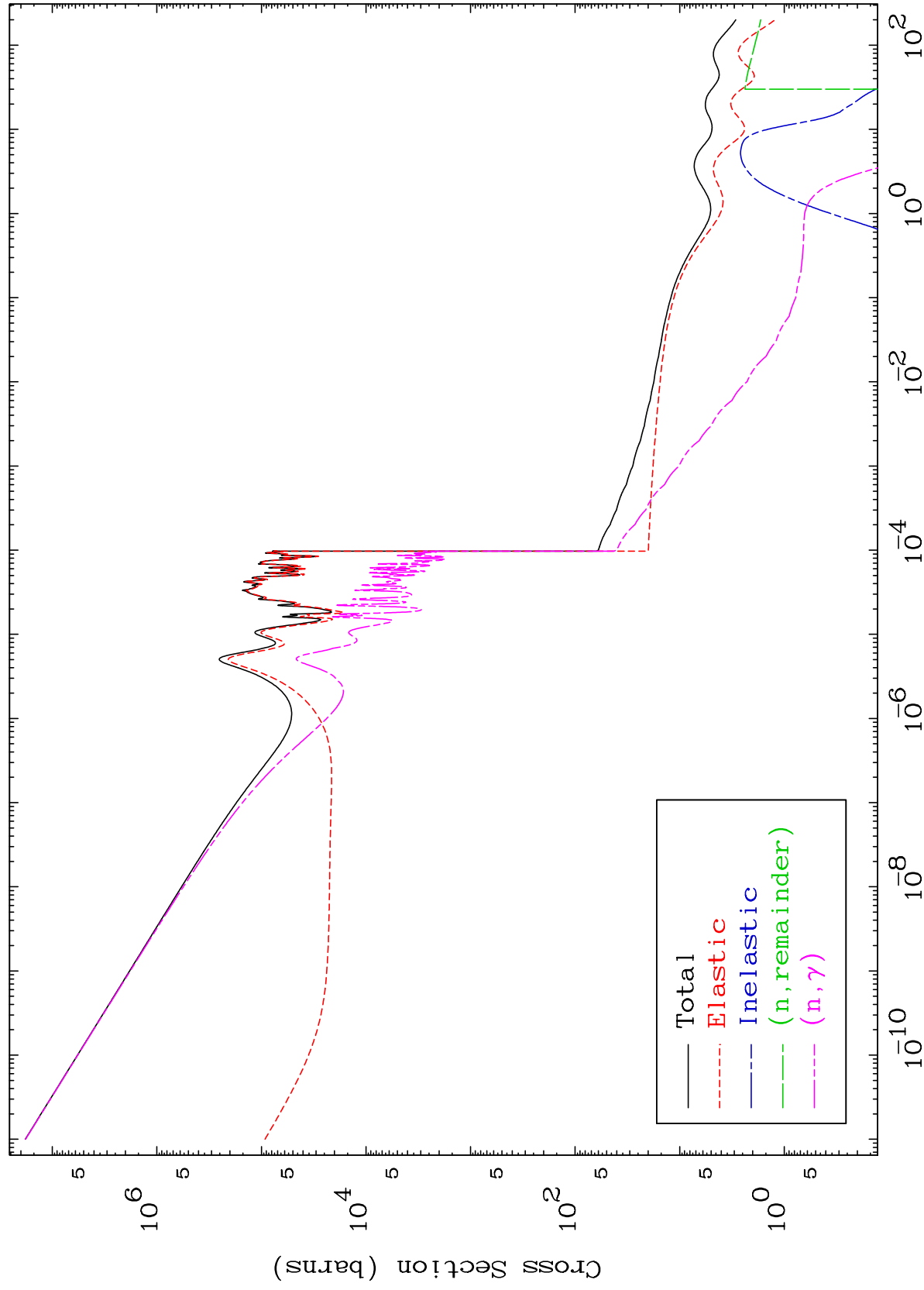
Press Mouse Button to Start

MAT 7929

Major

293 Kelvin Cross Sections

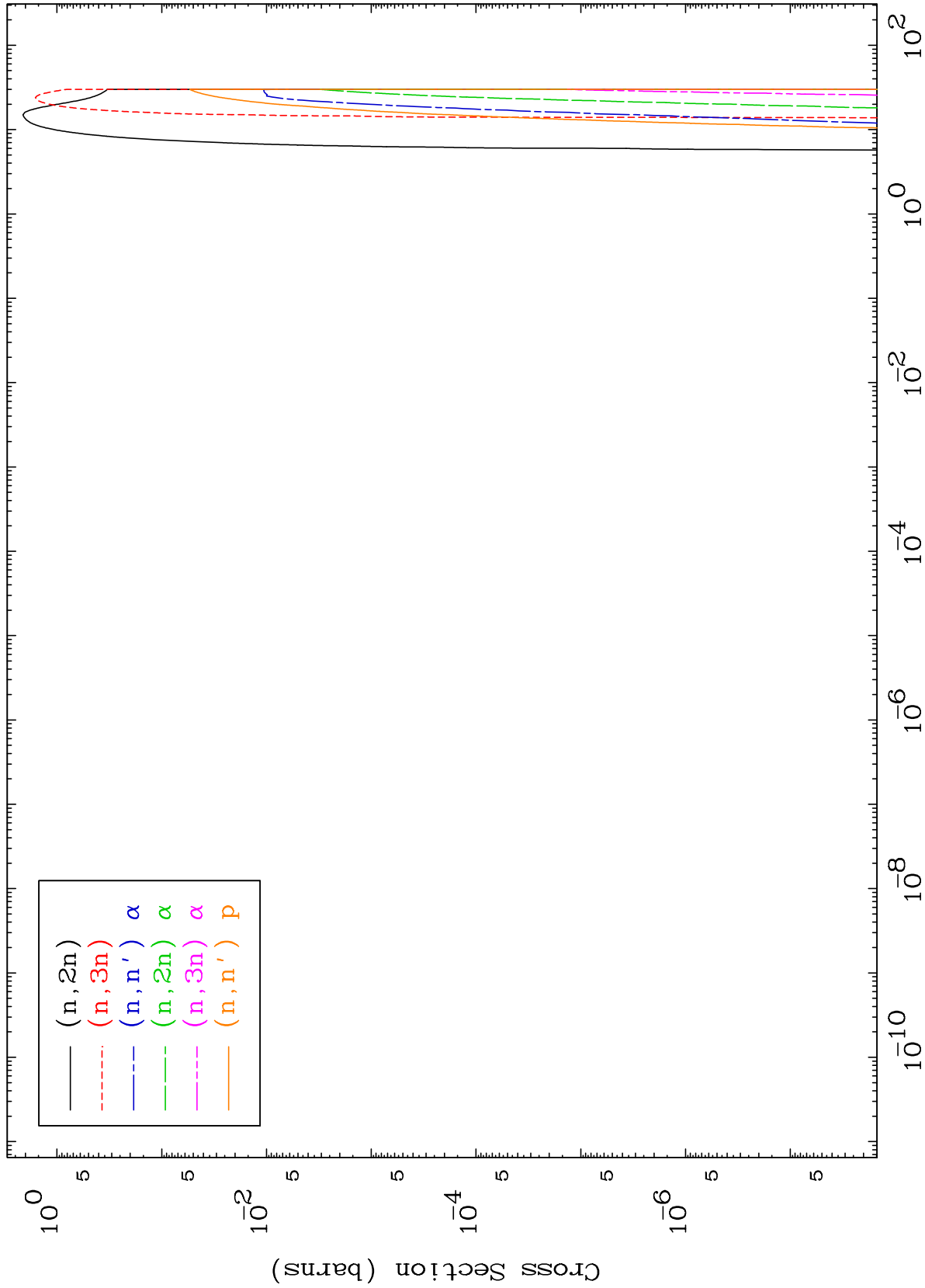
79-Au-198



1

Incident Energy (MeV)

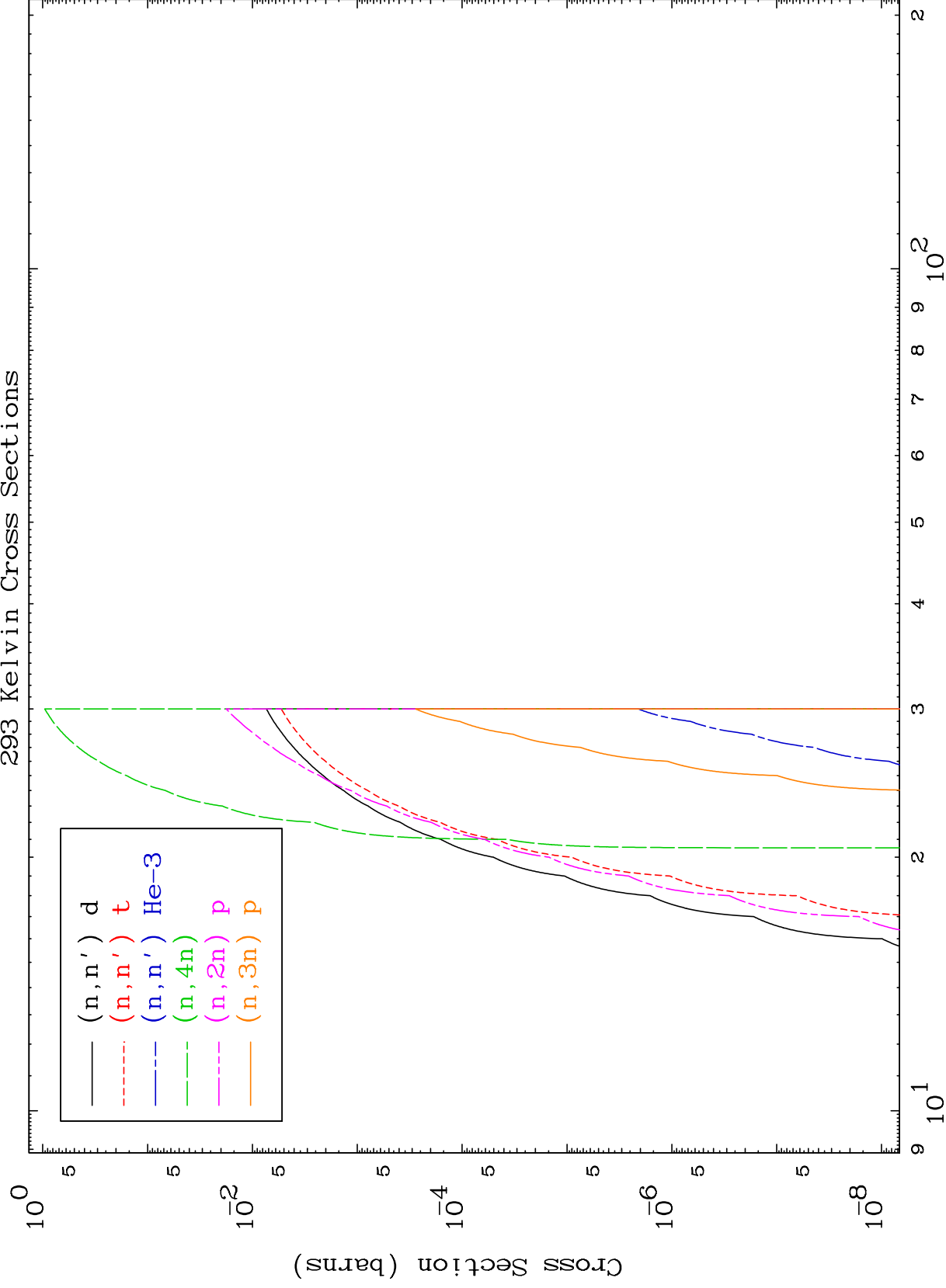
79-Au-198



MAT 7929

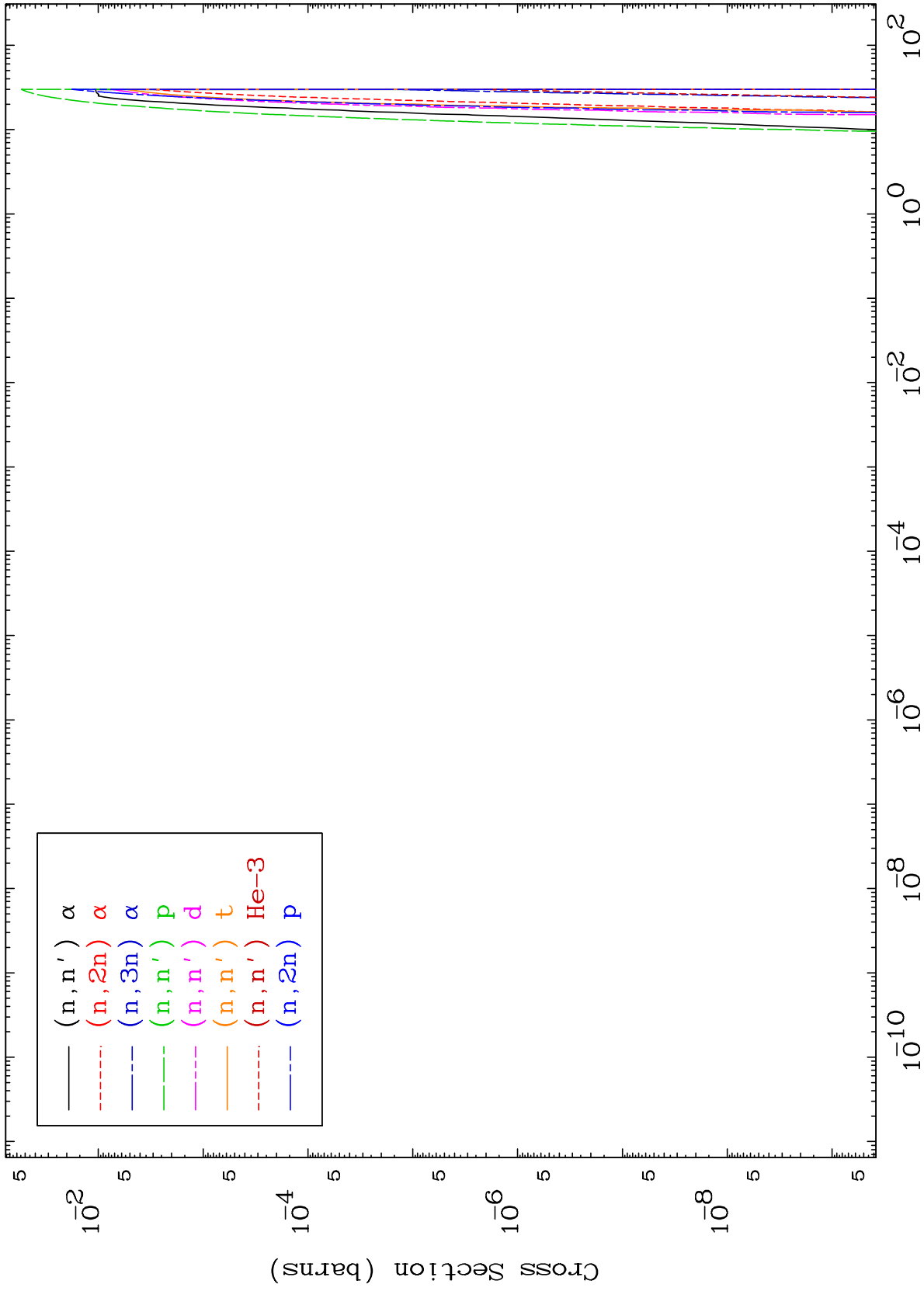
Neutron Production
293 Kelvin Cross Sections

79-Au-198



Incident Energy (MeV)

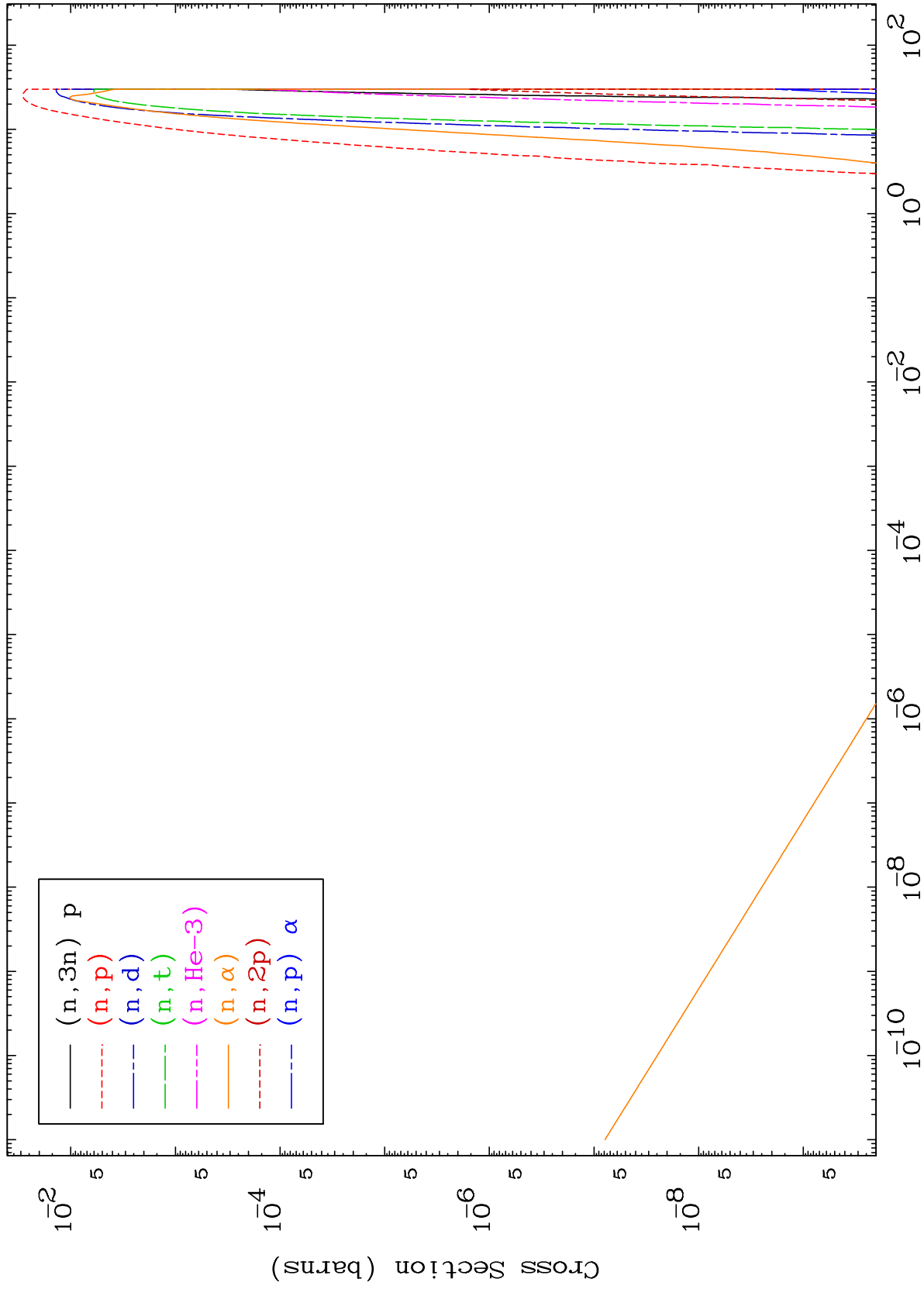
79-Au-198



MAT 7929

Charged Particle
293 Kelvin Cross Sections

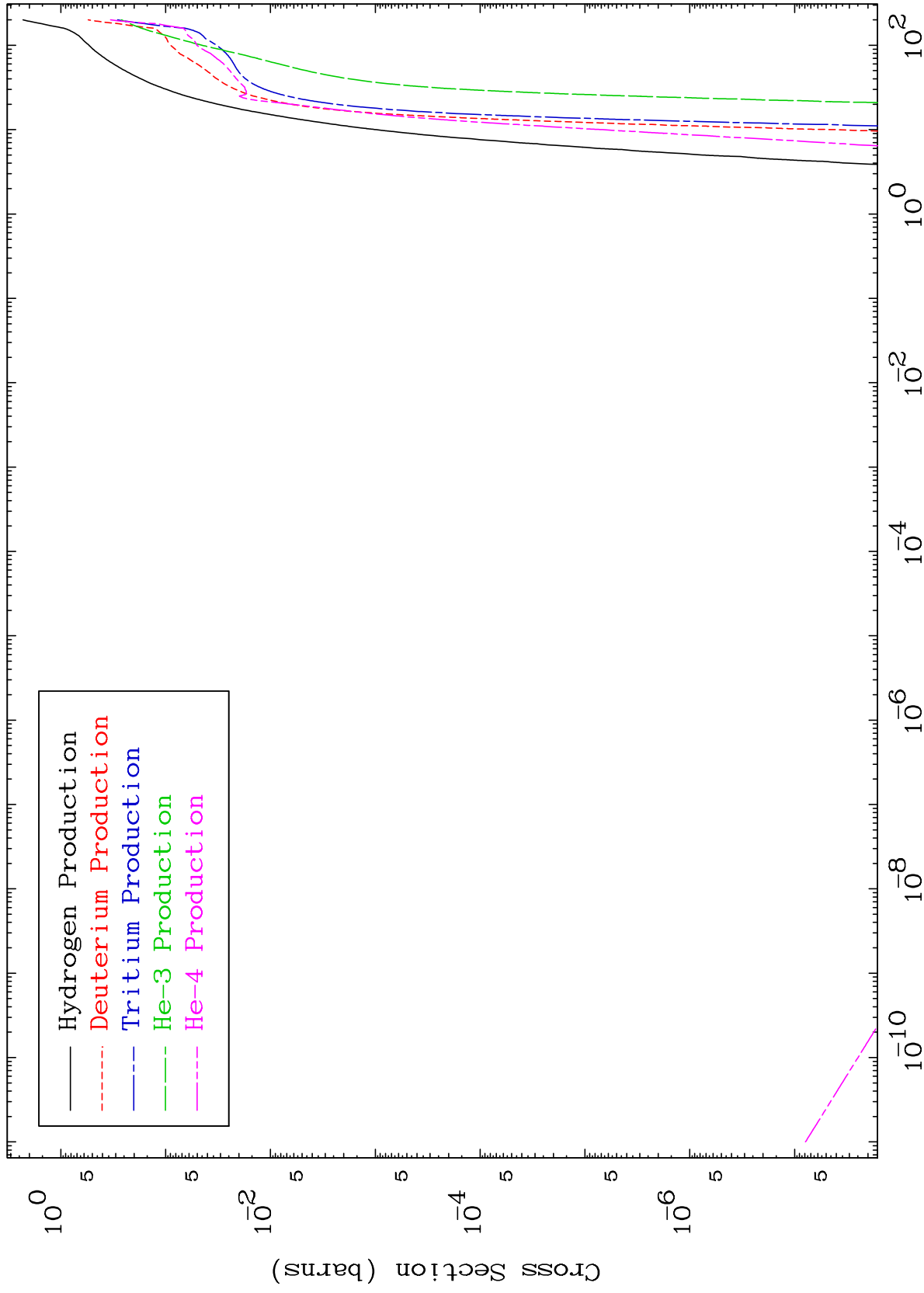
79-Au-198



5

Incident Energy (MeV)

79-Au-198

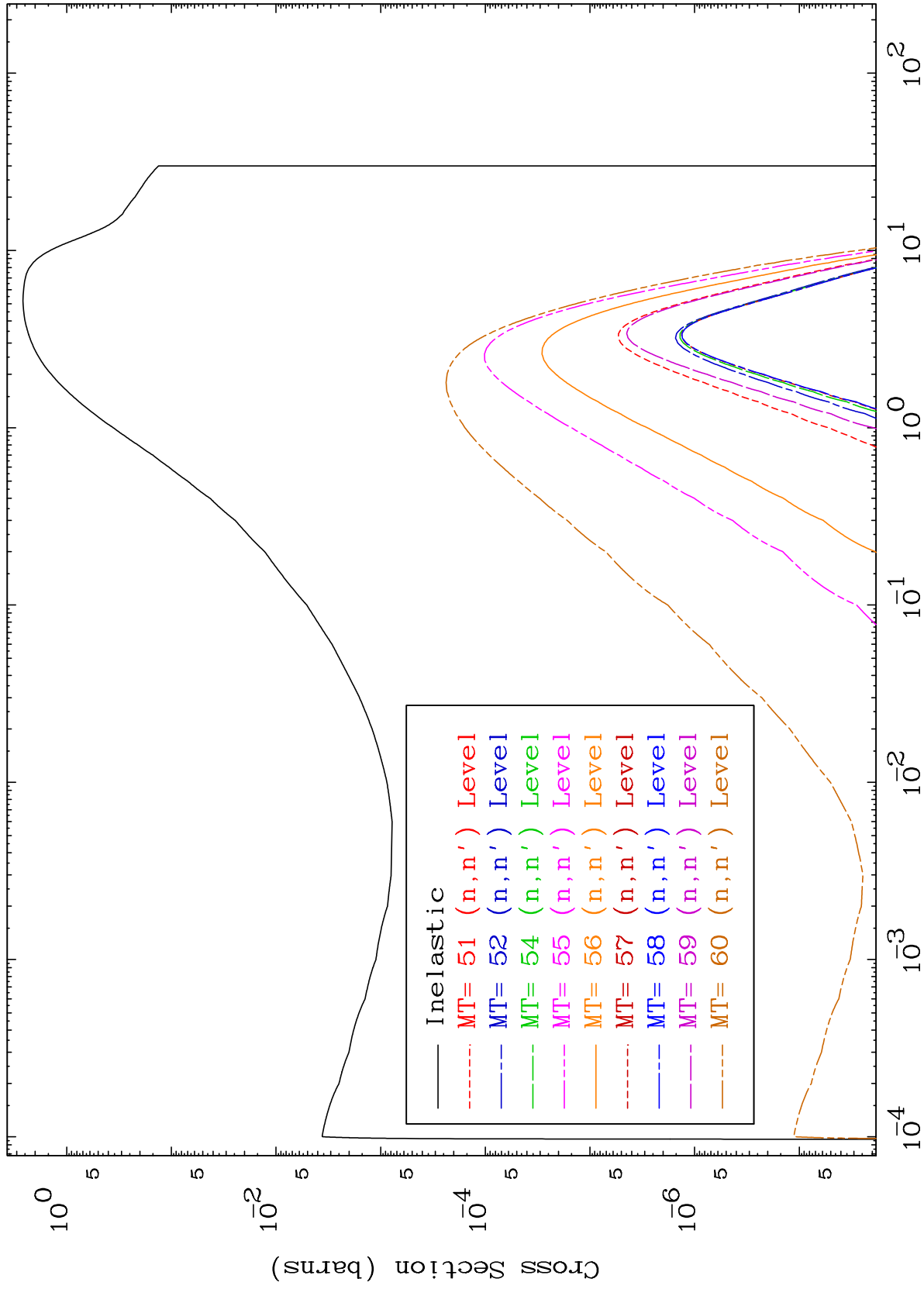


MAT 7929

(n,n') Level

79-Au-198

293 Kelvin Cross Sections



7

Incident Energy (MeV)

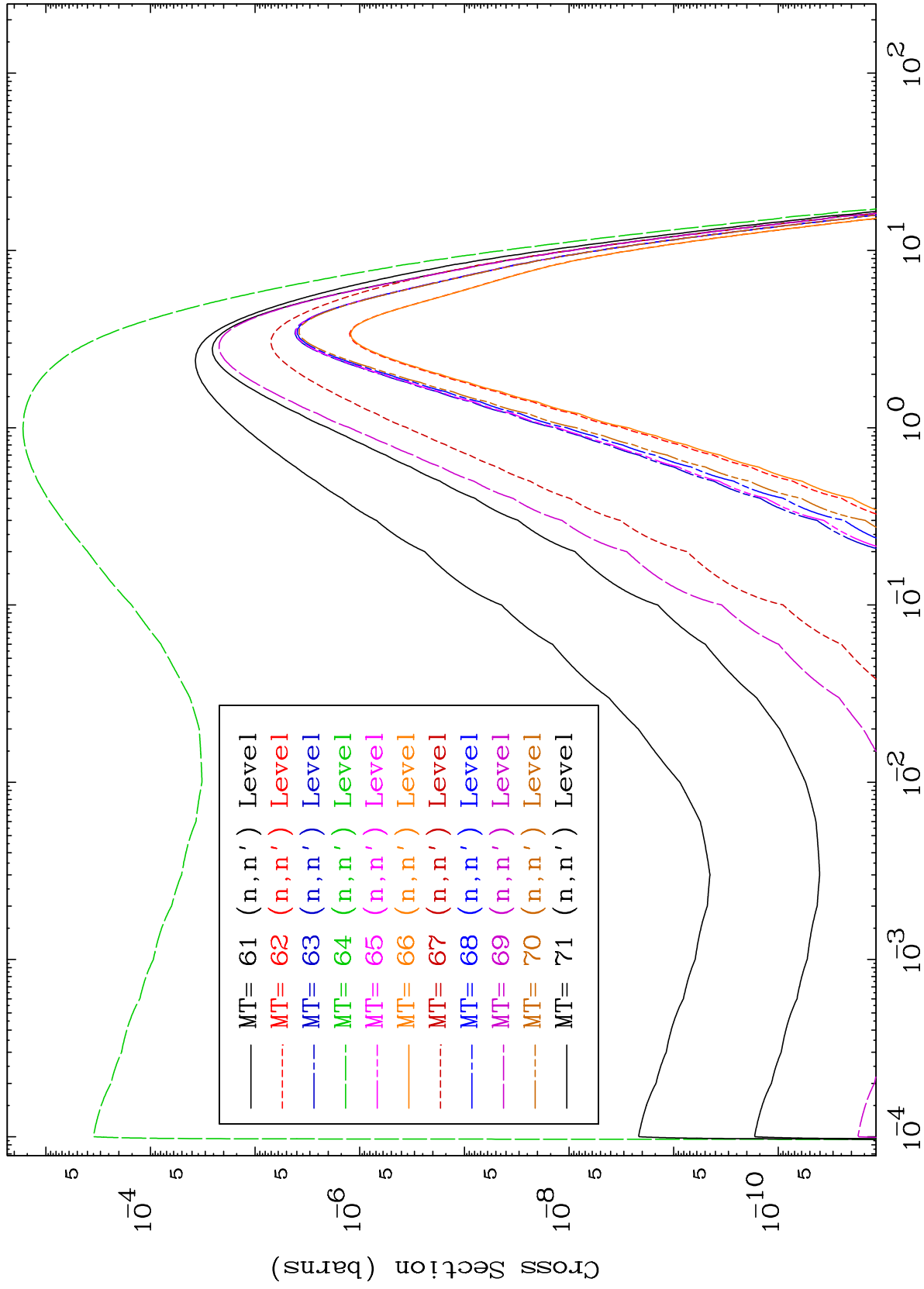
79-Au-198

MAT 7929

(n,n') Level

79-Au-198

293 Kelvin Cross Sections



8

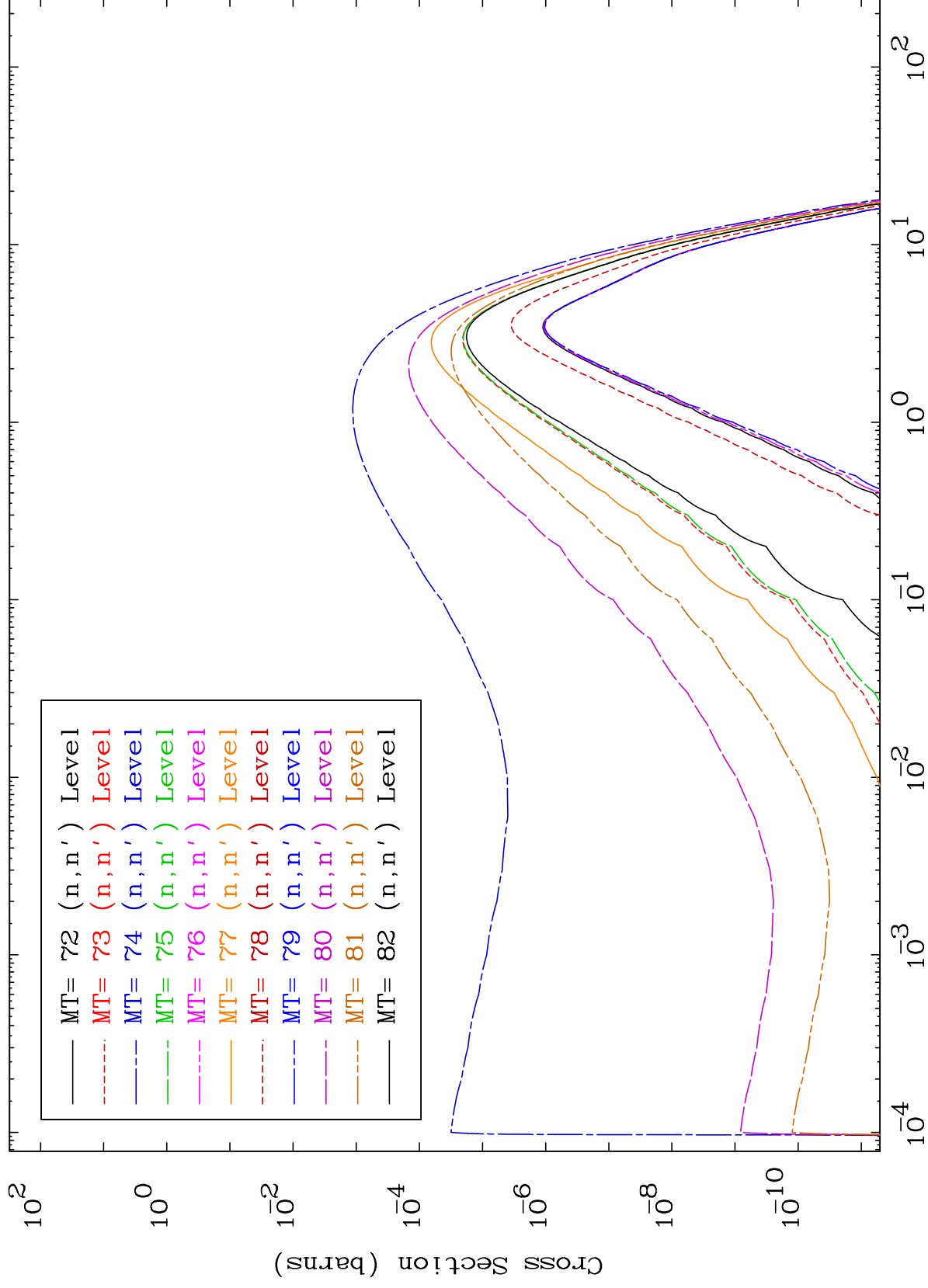
Incident Energy (MeV)

79-Au-198

MAT 7929

(n,n') Level
293 Kelvin Cross Sections

79-Au-198



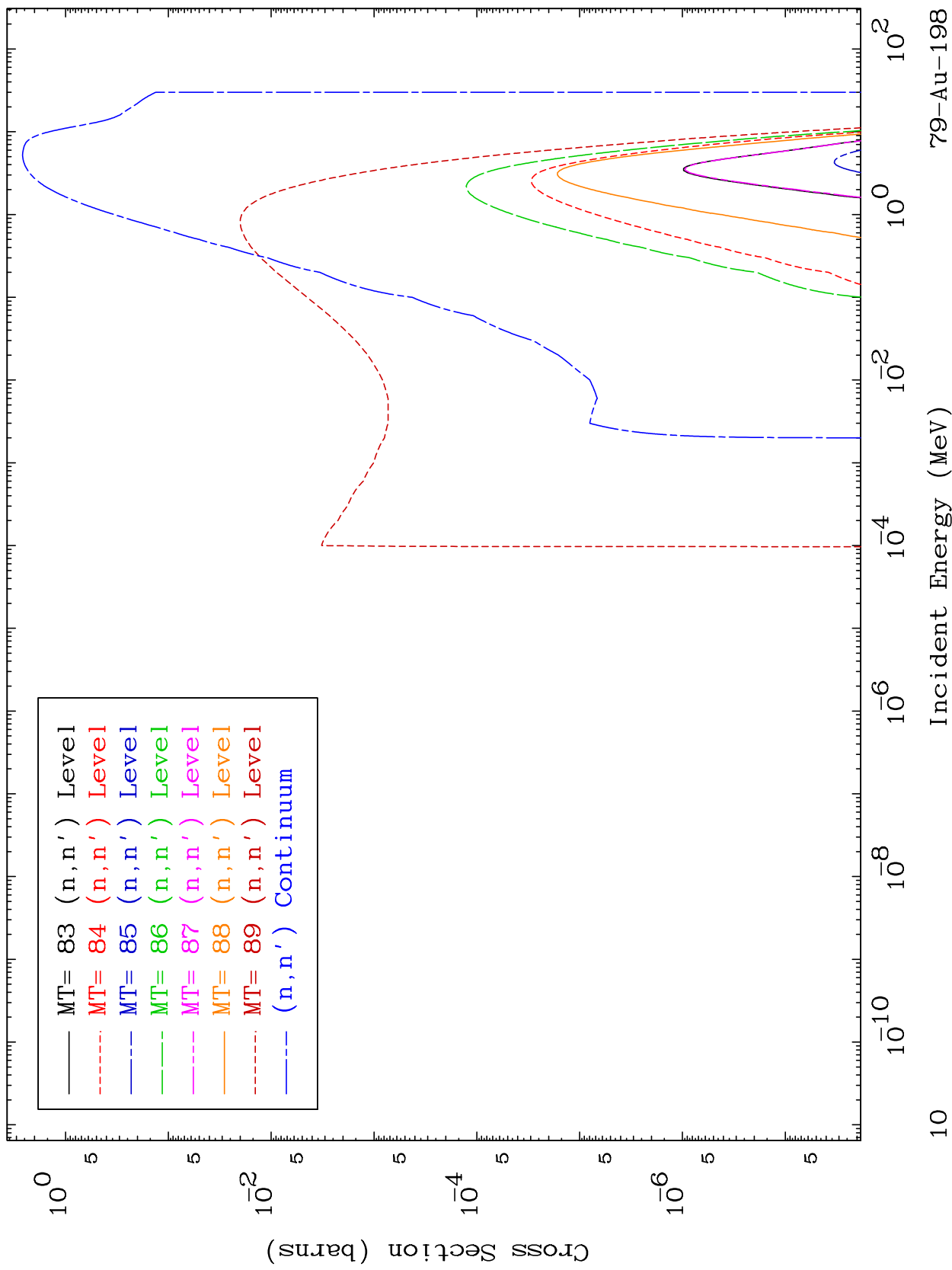
9

79-Au-198

MAT 7929

293 Kelvin Cross Sections

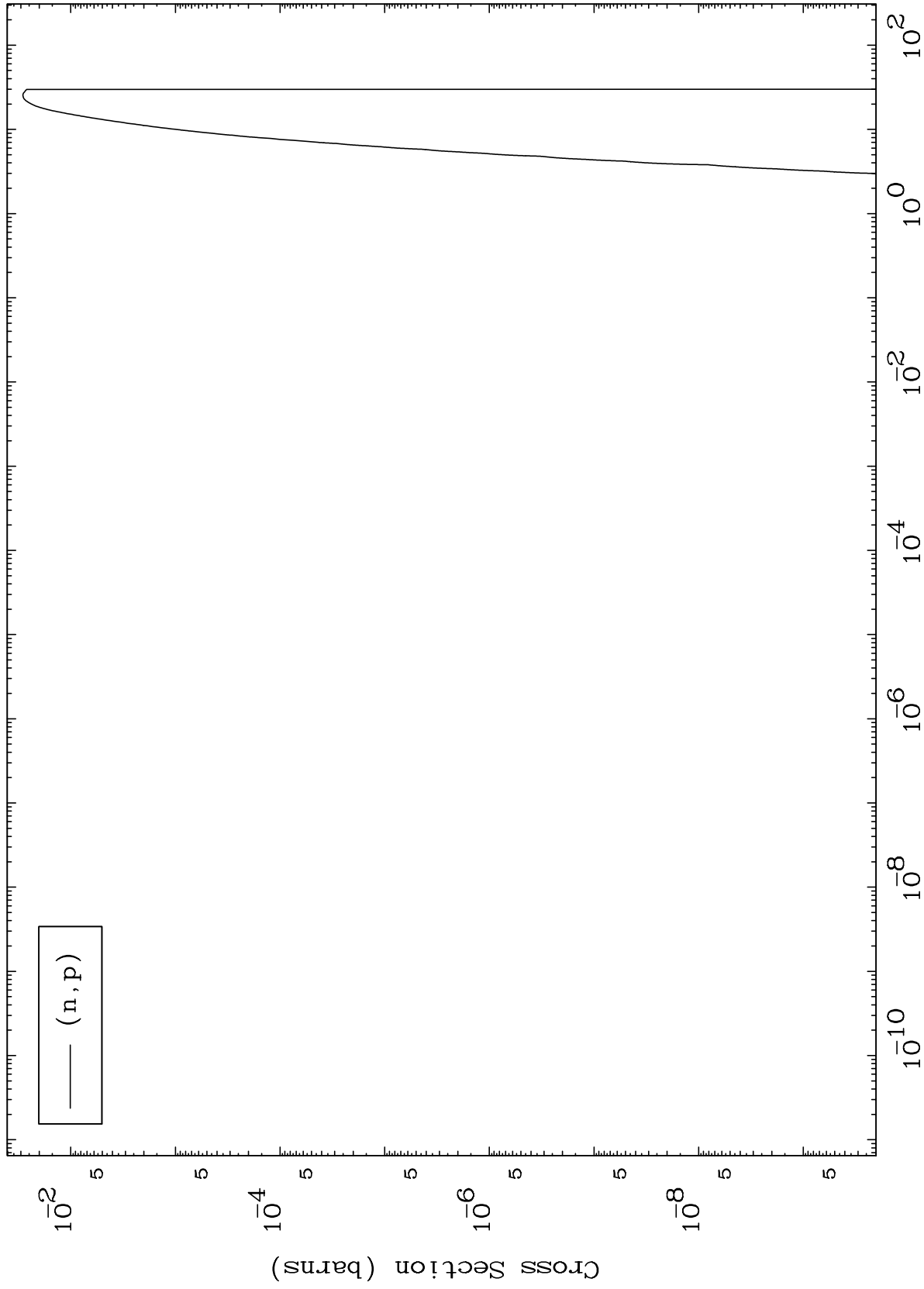
79-Au-198



MAT 7929

(n,p) Levels
293 Kelvin Cross Sections

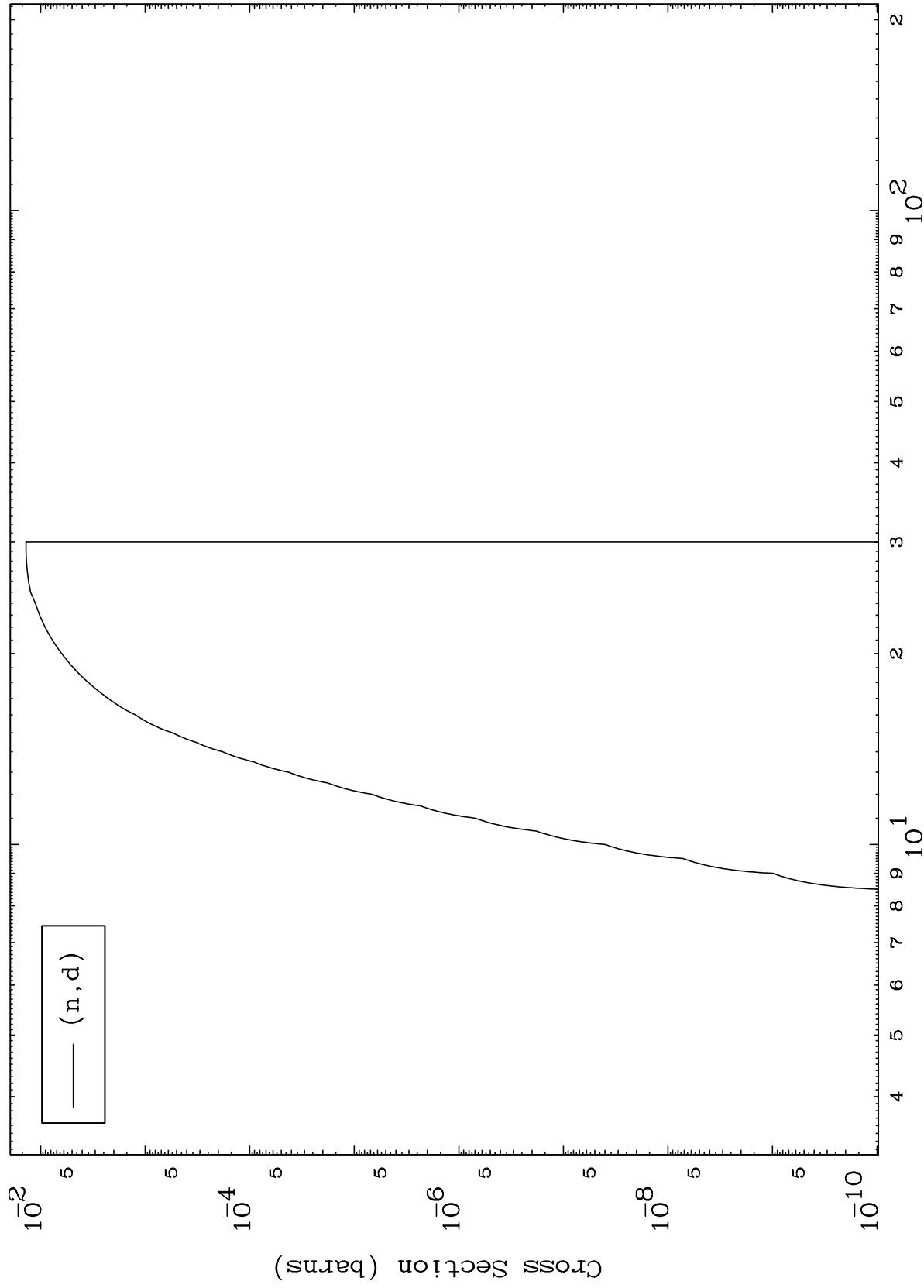
79-Au-198



MAT 7929

79-Au-198

(n,d) Levels
293 Kelvin Cross Sections



12

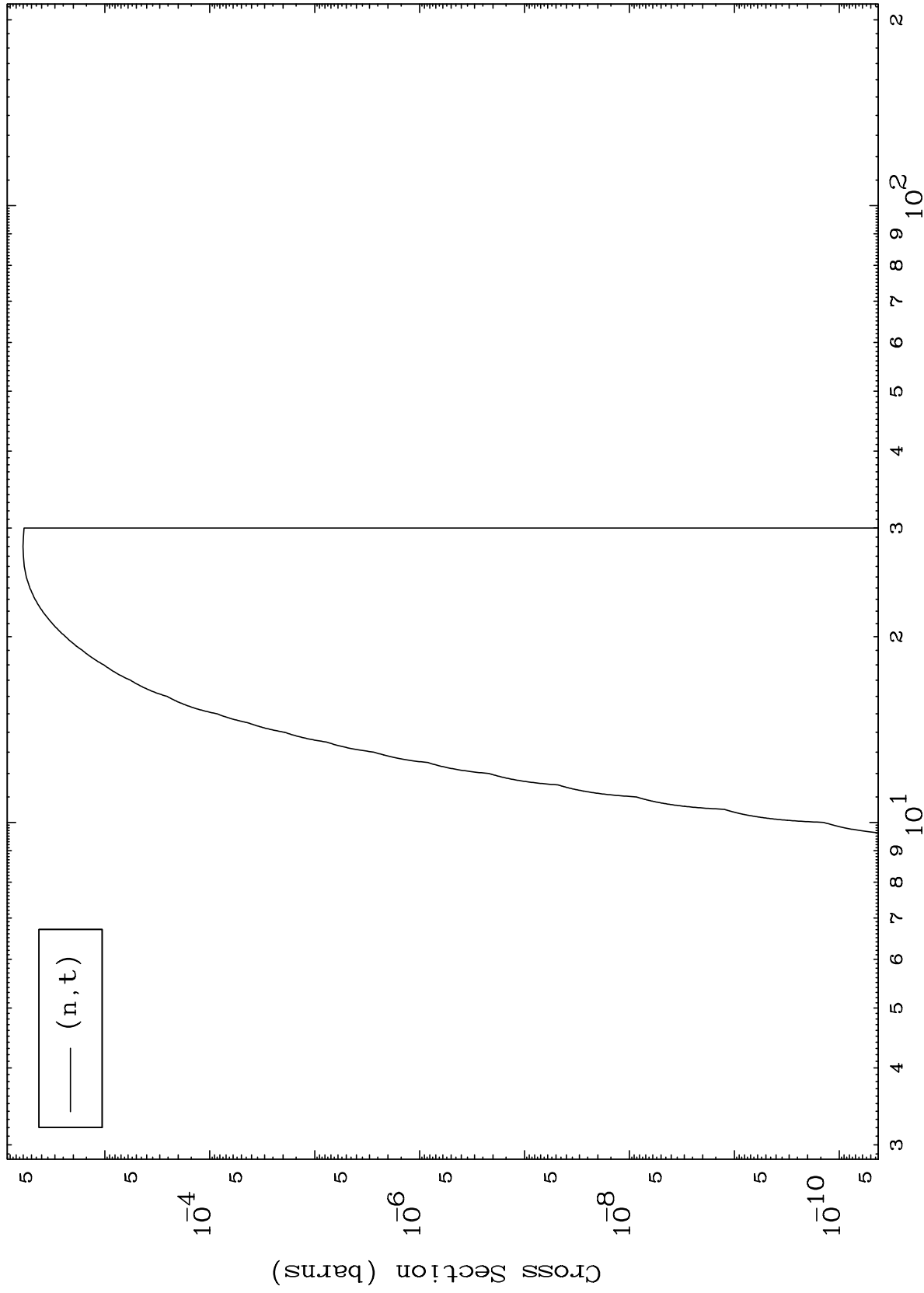
Incident Energy (MeV)

79-Au-198

MAT 7929

79-Au-198

(n,t) Levels
293 Kelvin Cross Sections



13

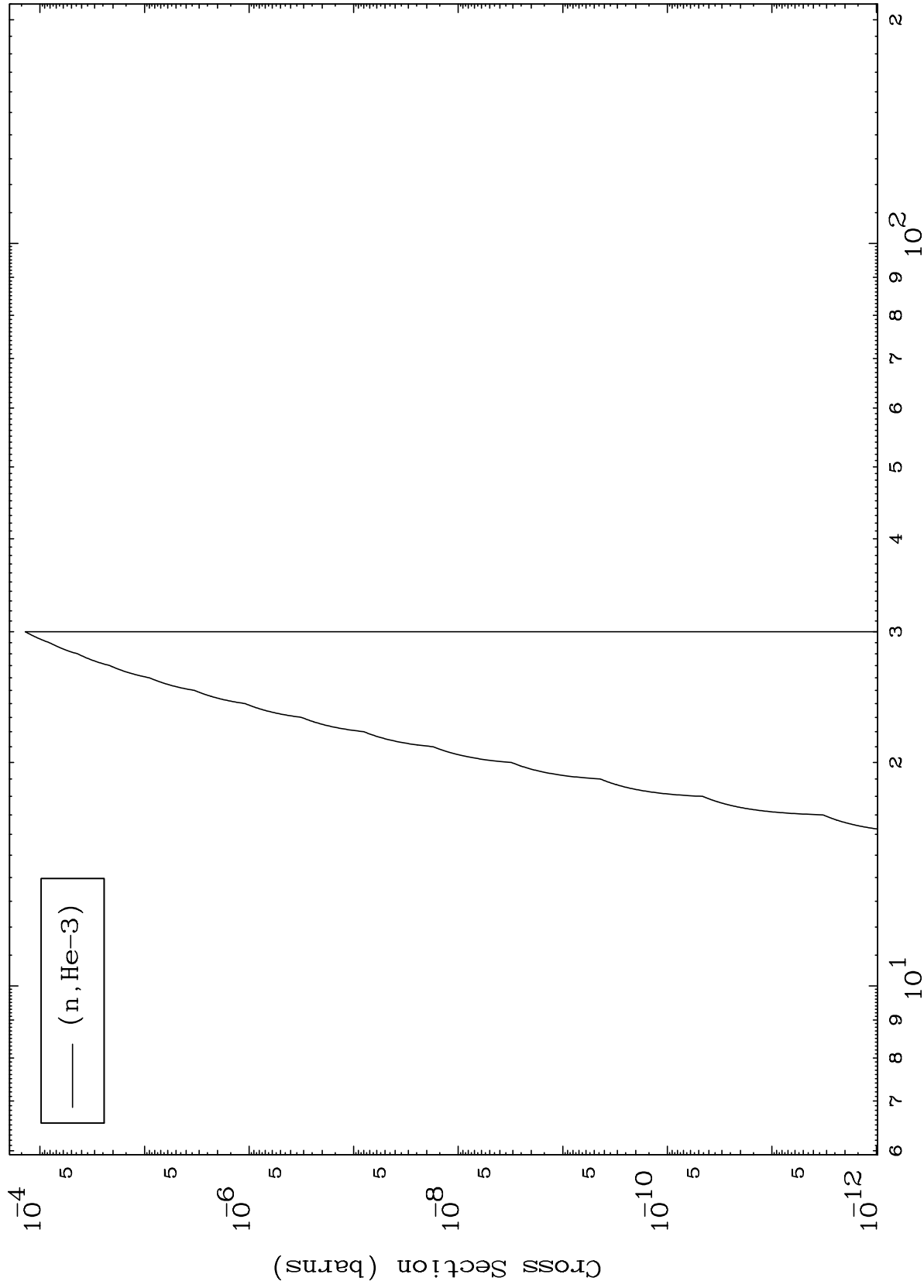
Incident Energy (MeV)

79-Au-198

MAT 7929

79-Au-198

(n,He3) Levels
293 Kelvin Cross Sections



14

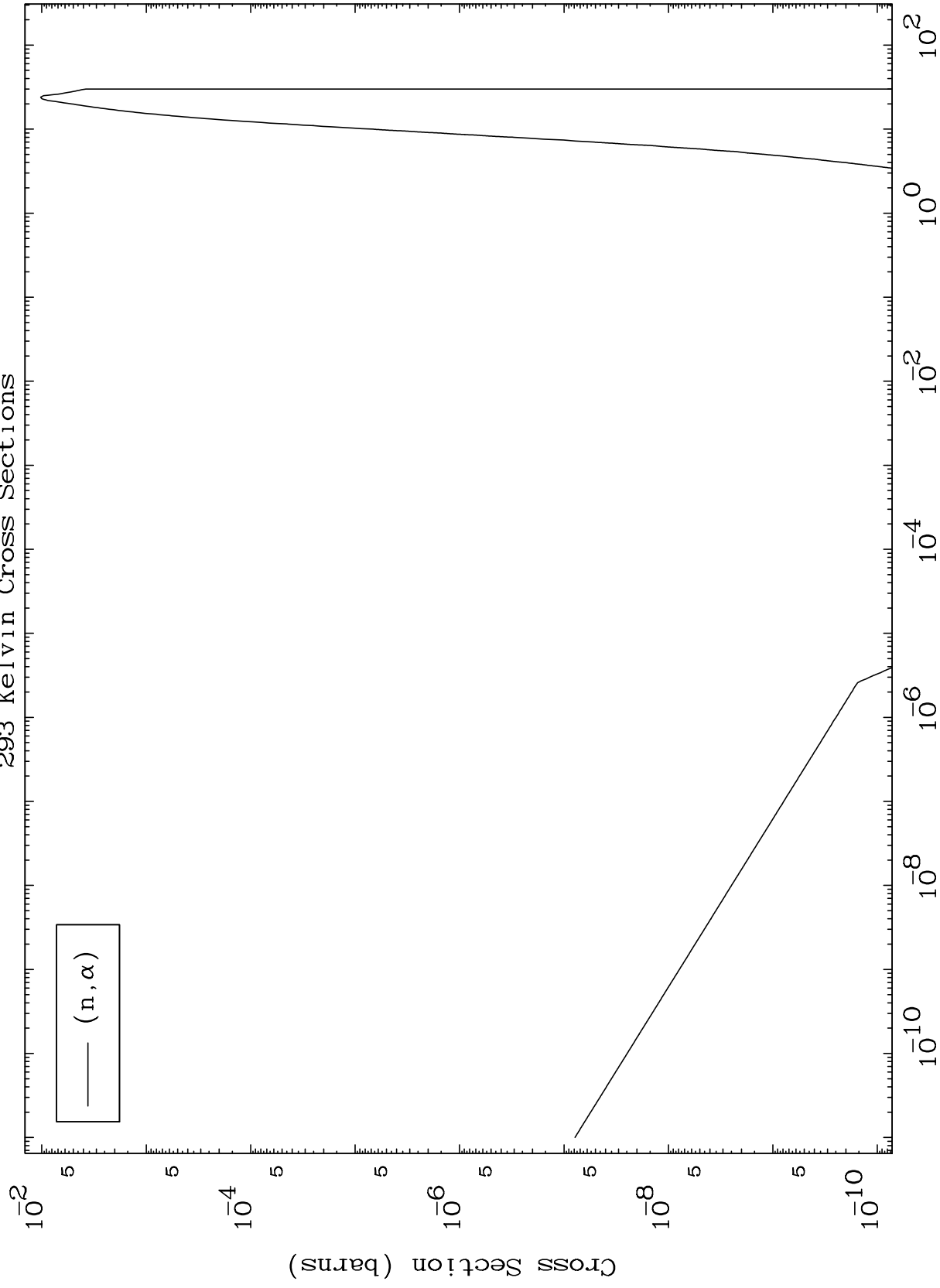
Incident Energy (MeV)

79-Au-198

MAT 7929

(n, α) Levels
293 Kelvin Cross Sections

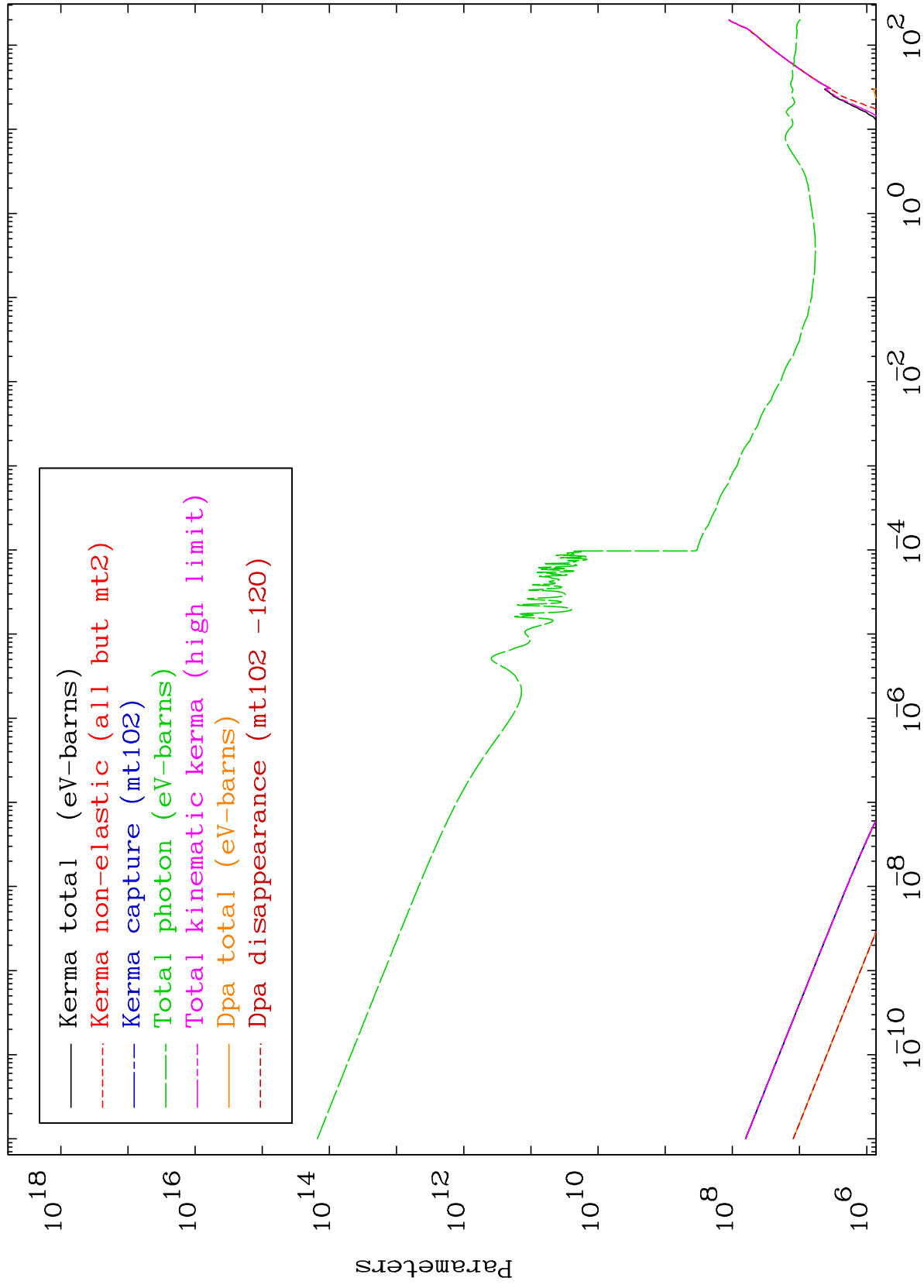
79-Au-198

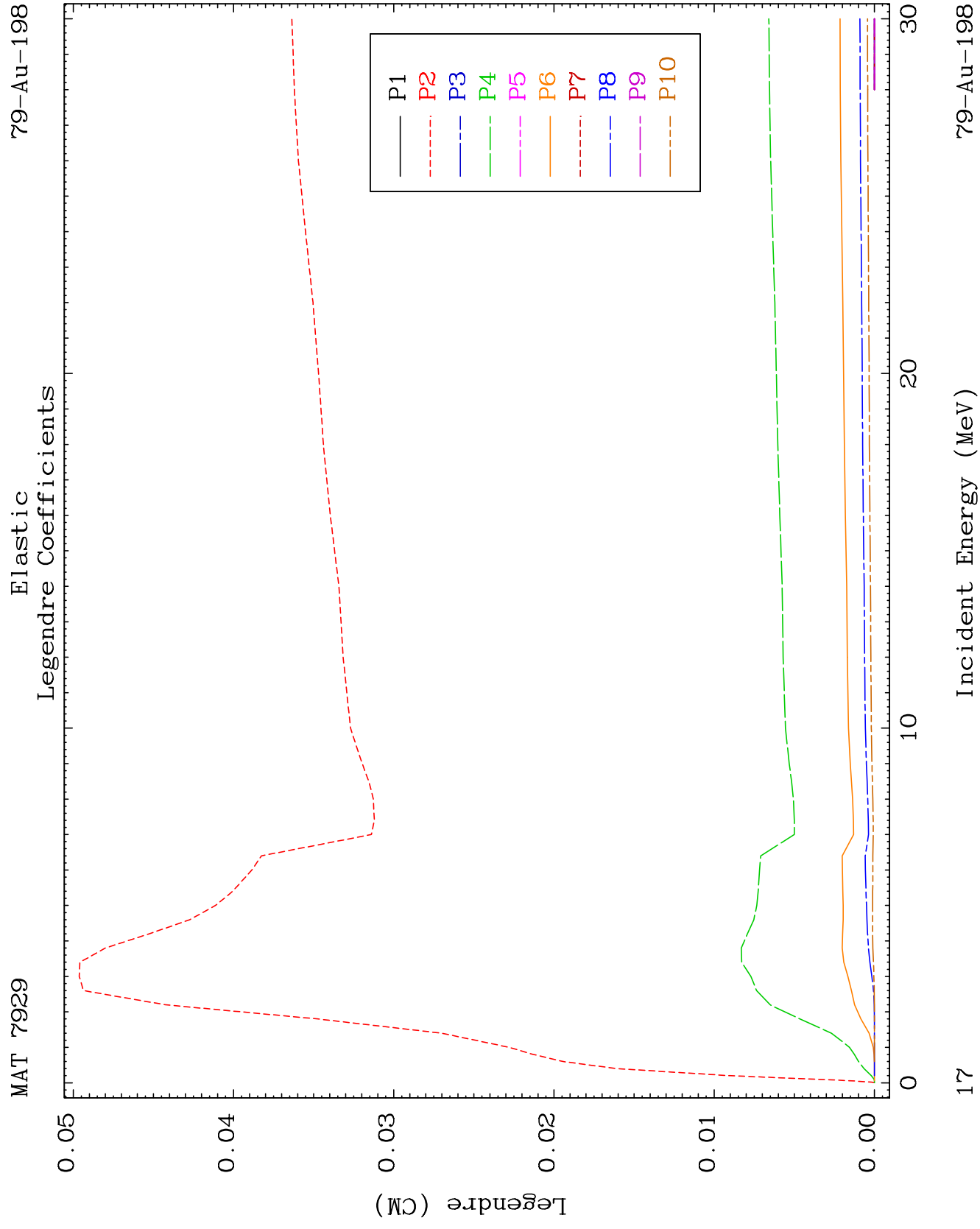


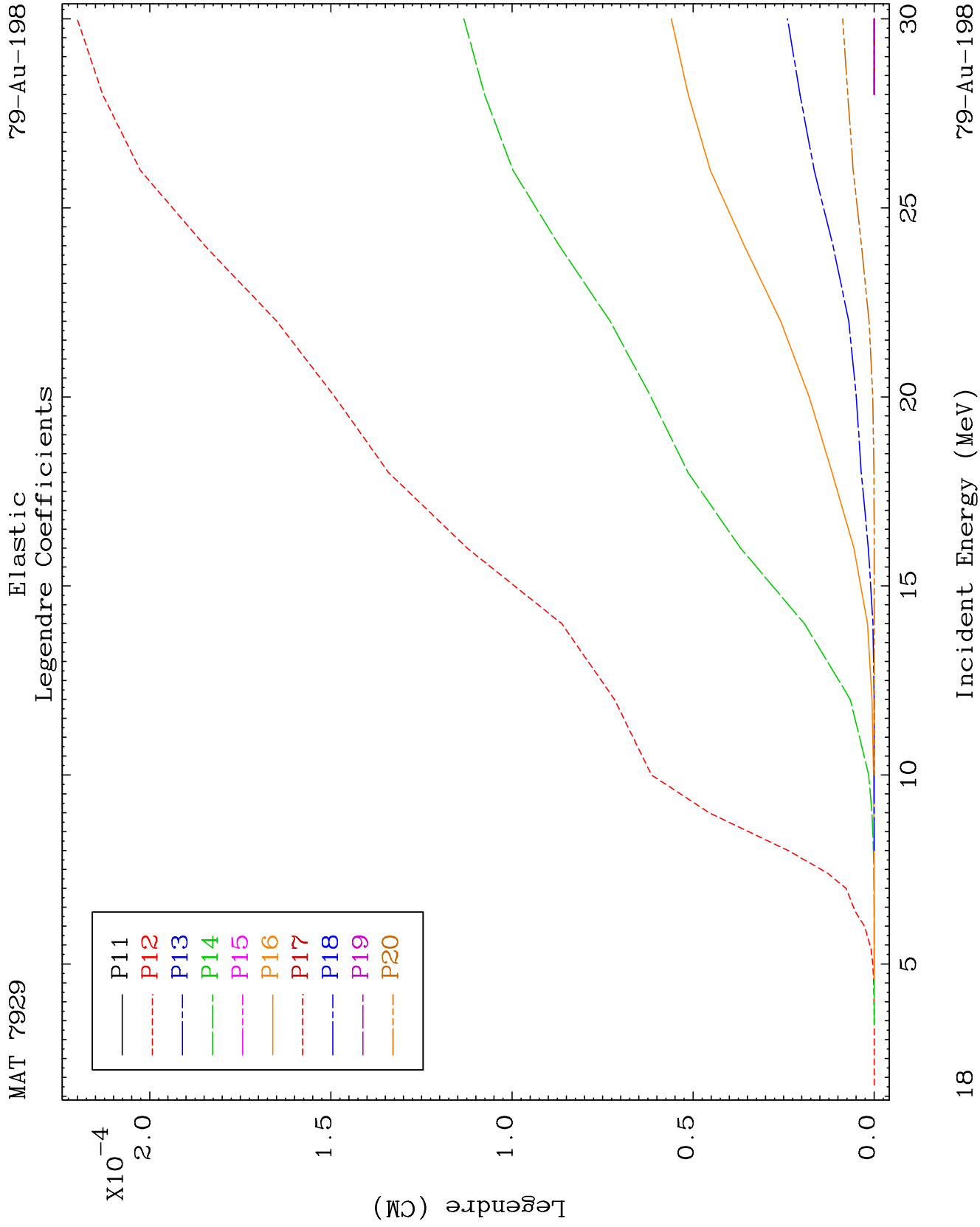
15

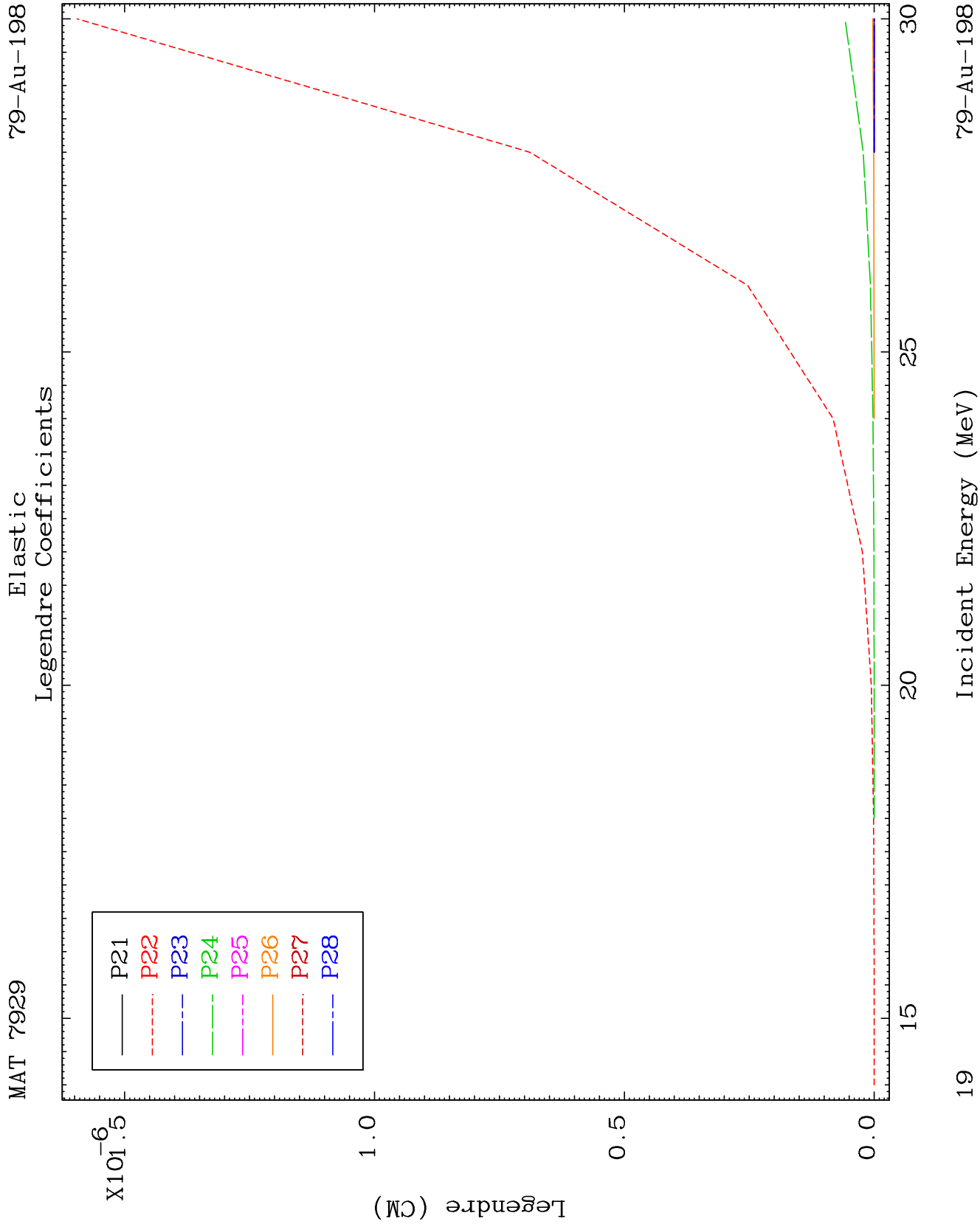
Incident Energy (MeV)

79-Au-198





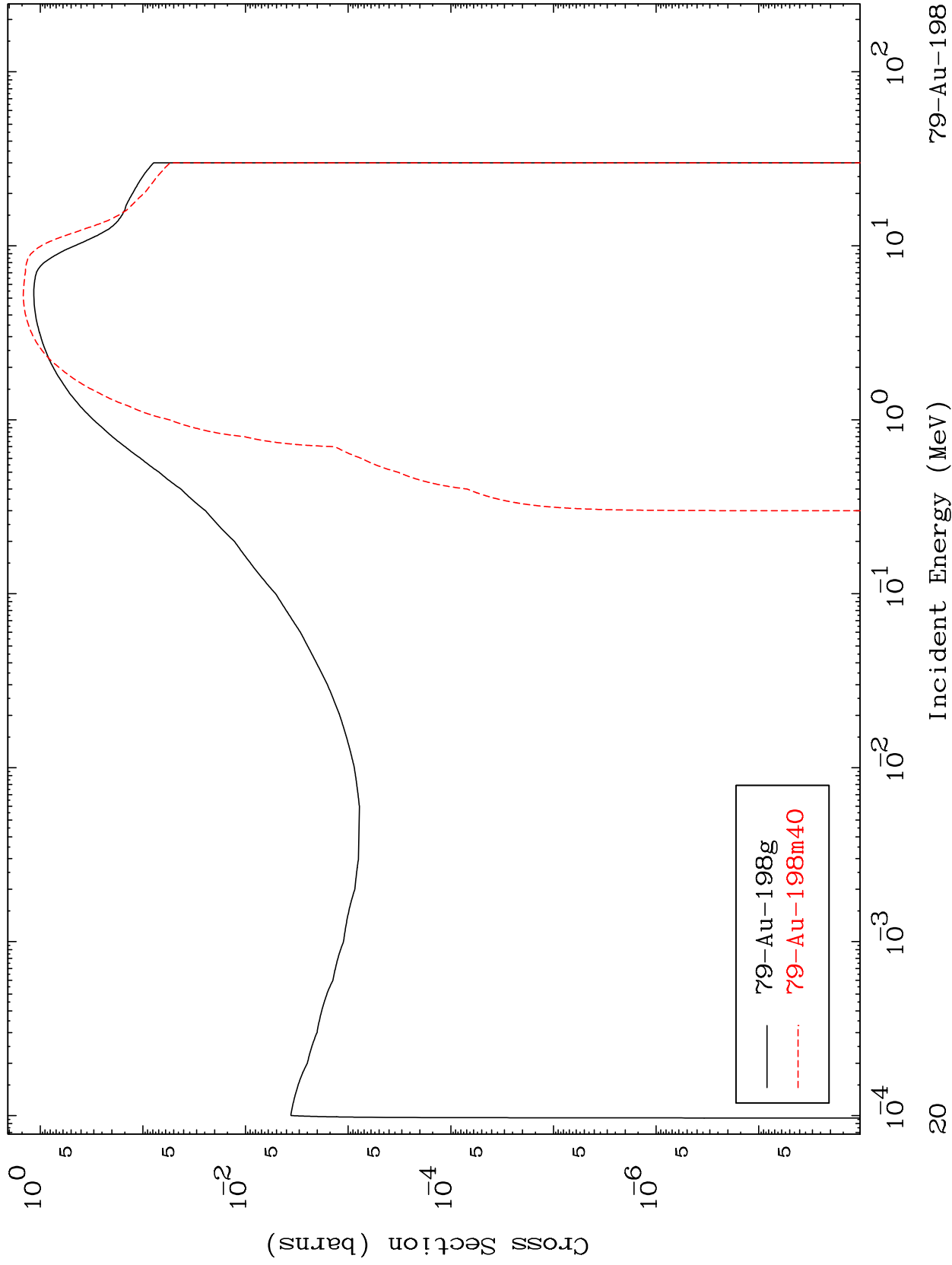




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79-Au-198

Inelastic
Radionuclide Production Cross Section

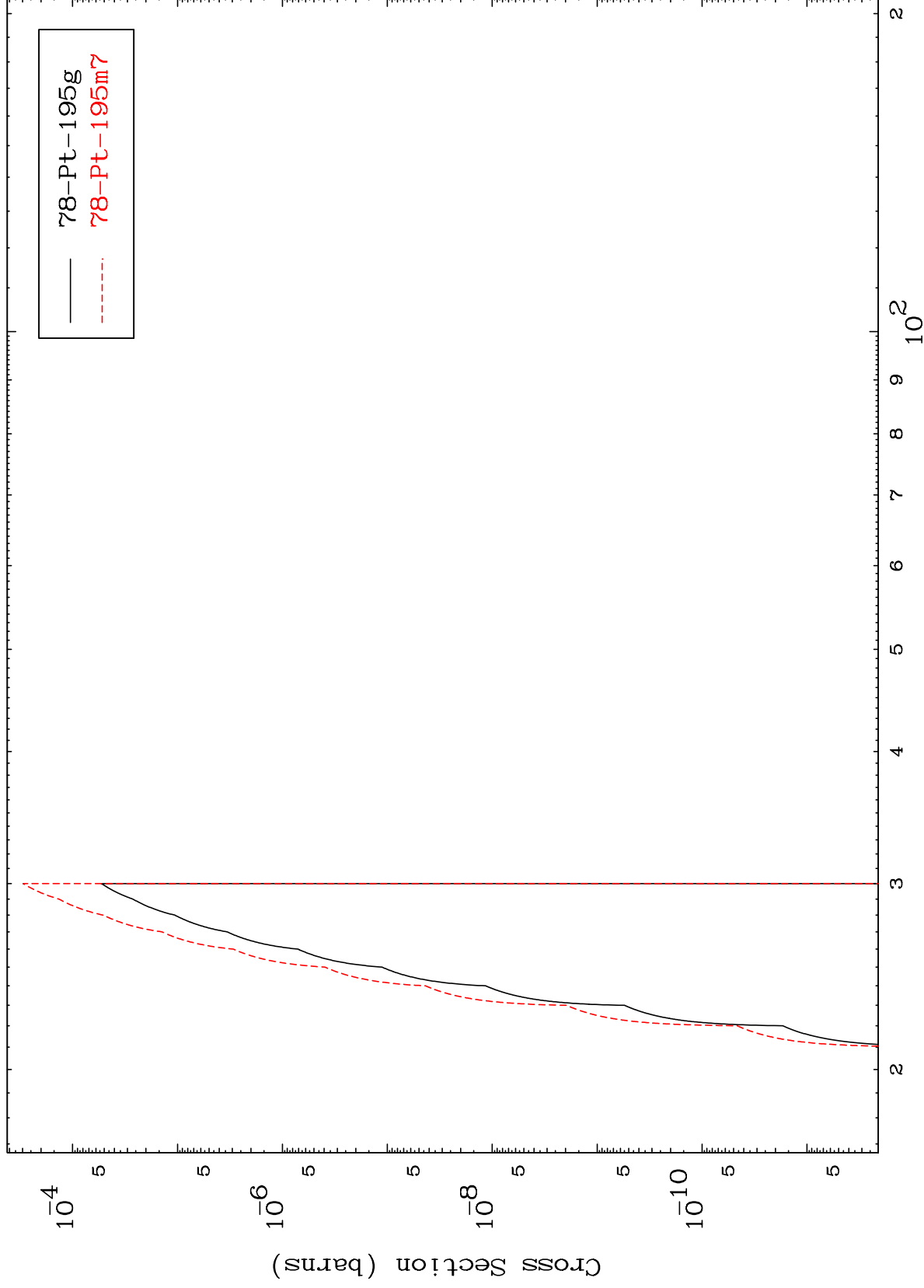


MAT 7929

(n,2n) d

⁷⁹Au-198

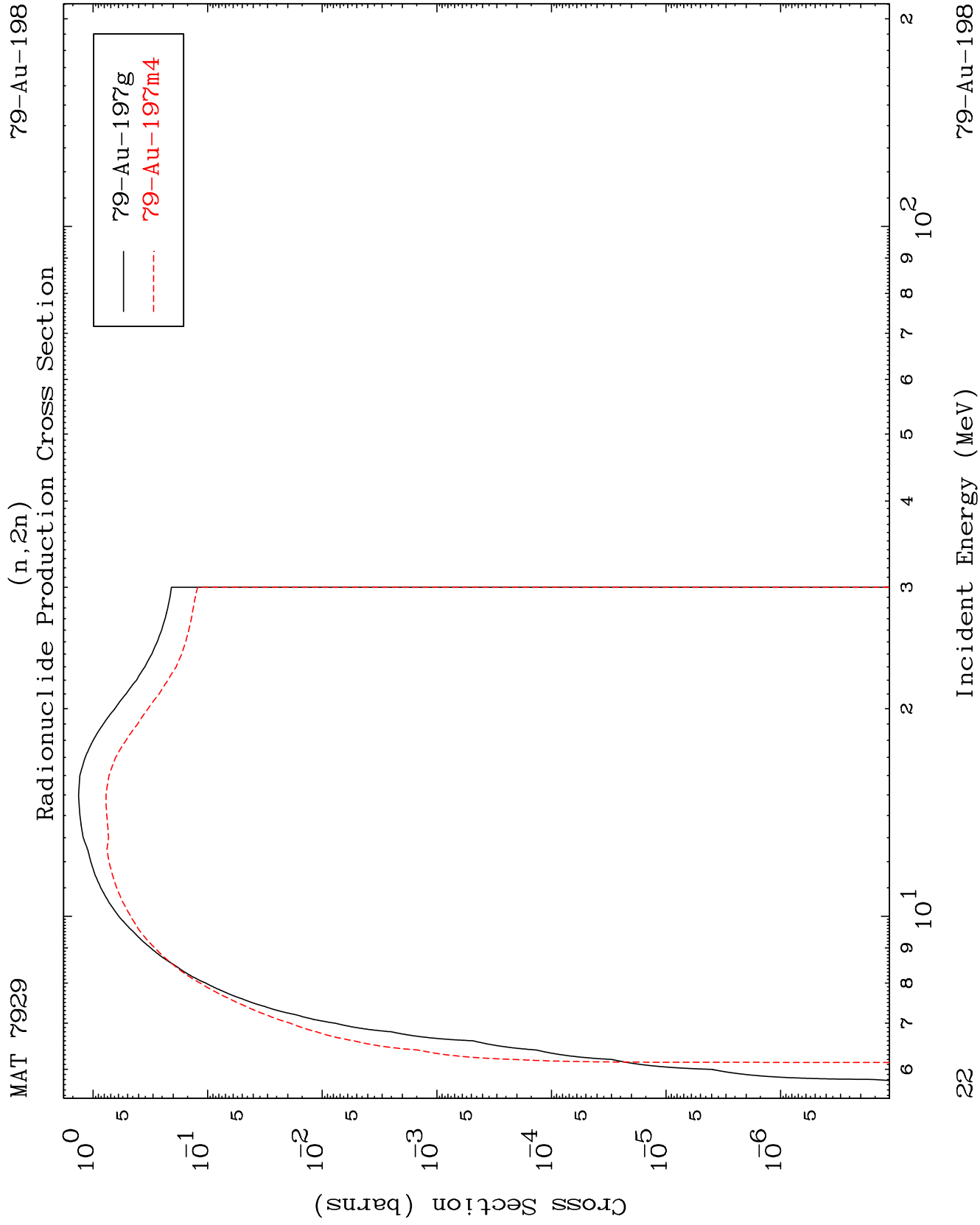
Radionuclide Production Cross Section

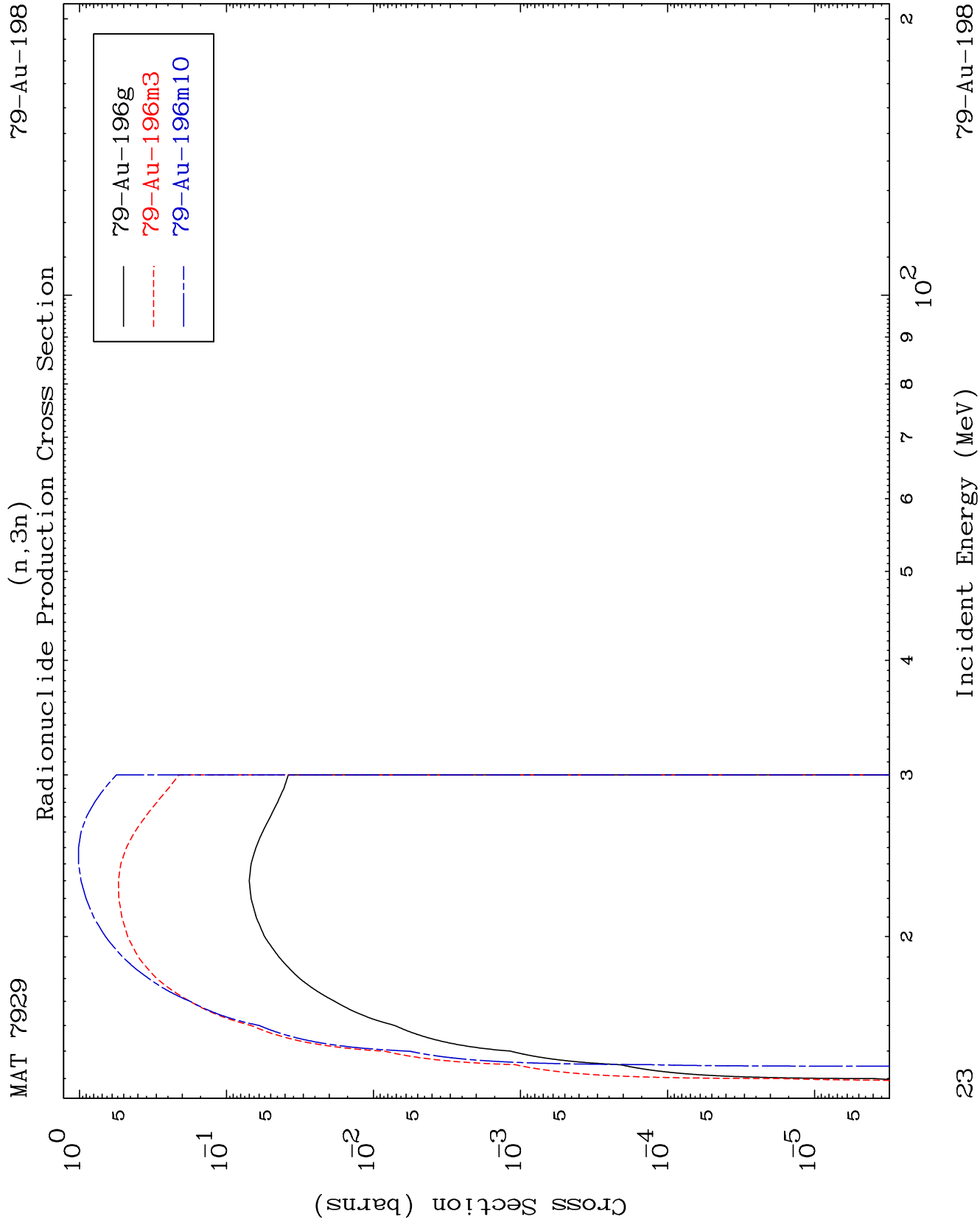


21

Incident Energy (MeV)

⁷⁹Au-198



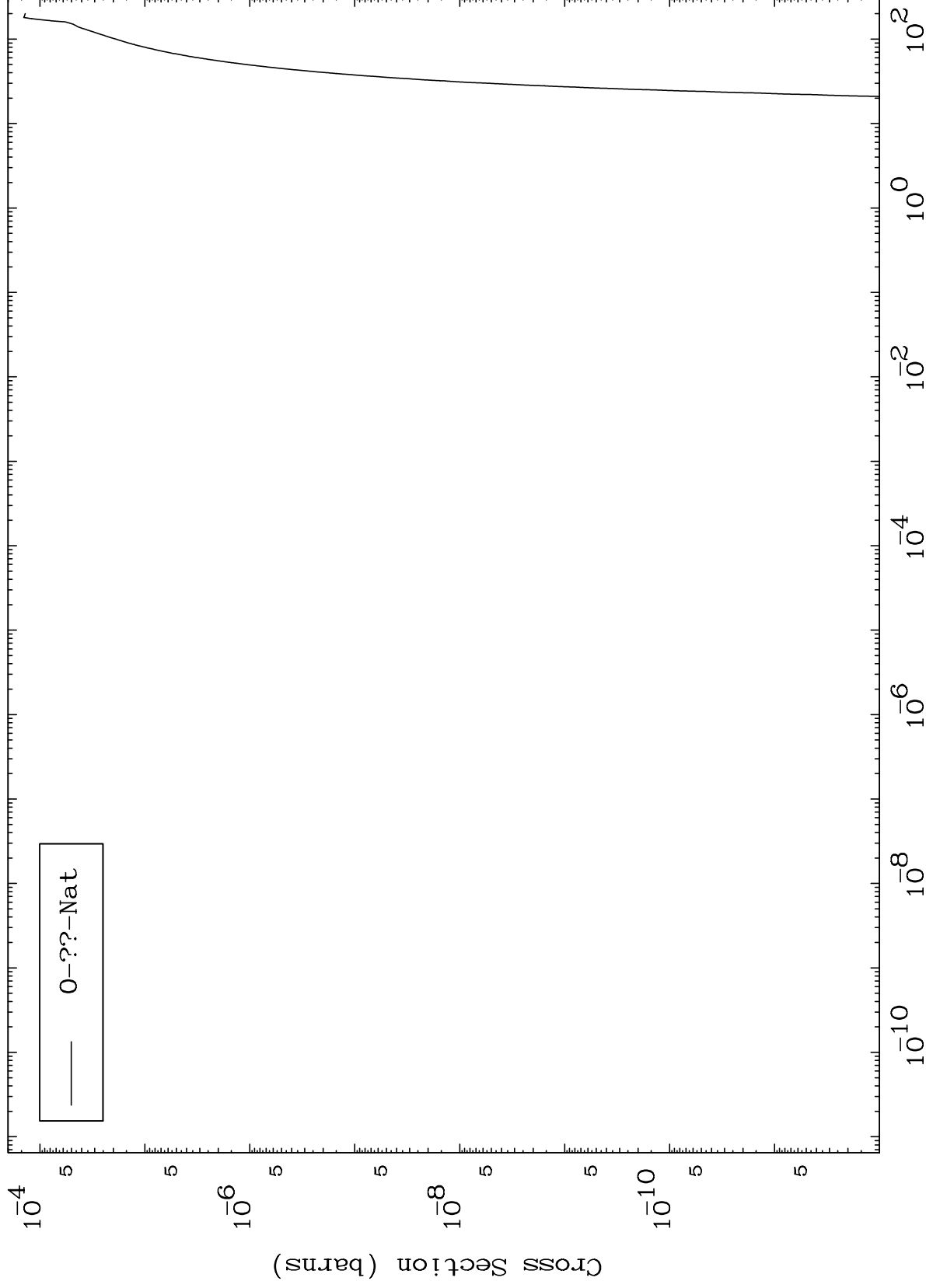


MAT 7929

Fission

⁷⁹Au-198

Radionuclide Production Cross Section



24

Incident Energy (MeV)

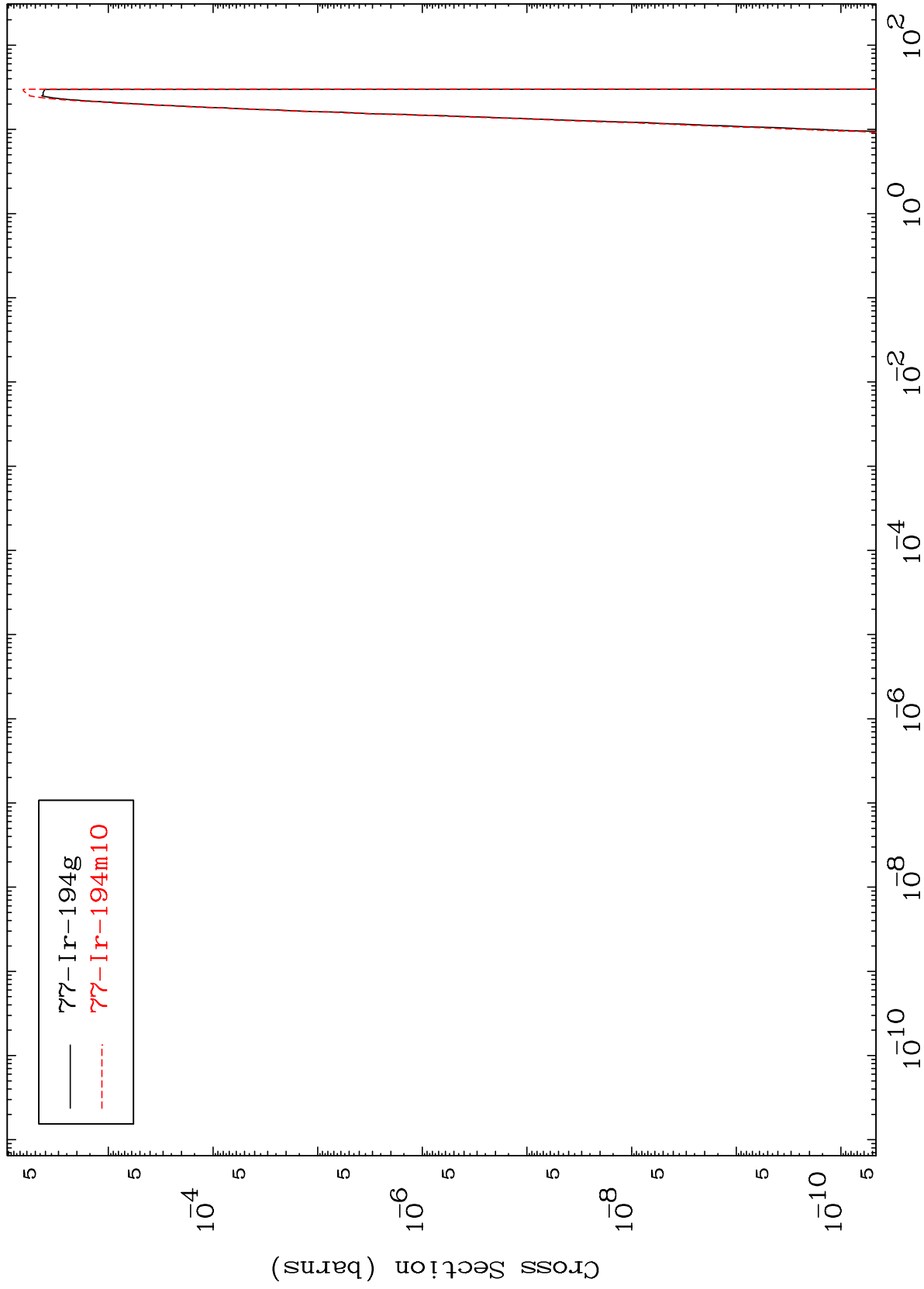
⁷⁹Au-198

MAT 7929

$(n,n') \alpha$

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

Radionuclide Production Cross Section



25

Incident Energy (MeV)

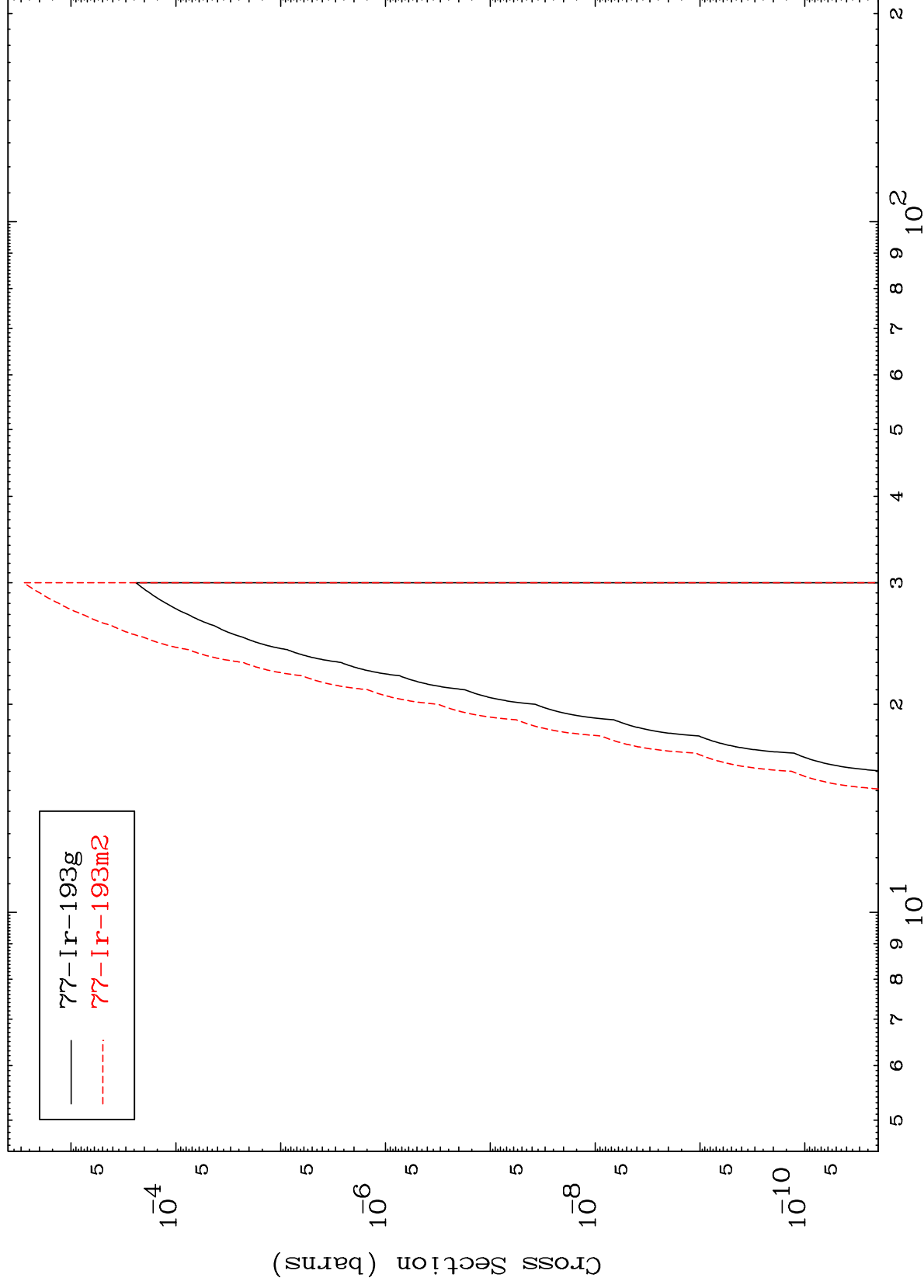
$^{79}\text{Au-198}$

MAT 7929

$(n,2n) \alpha$

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

Radionuclide Production Cross Section

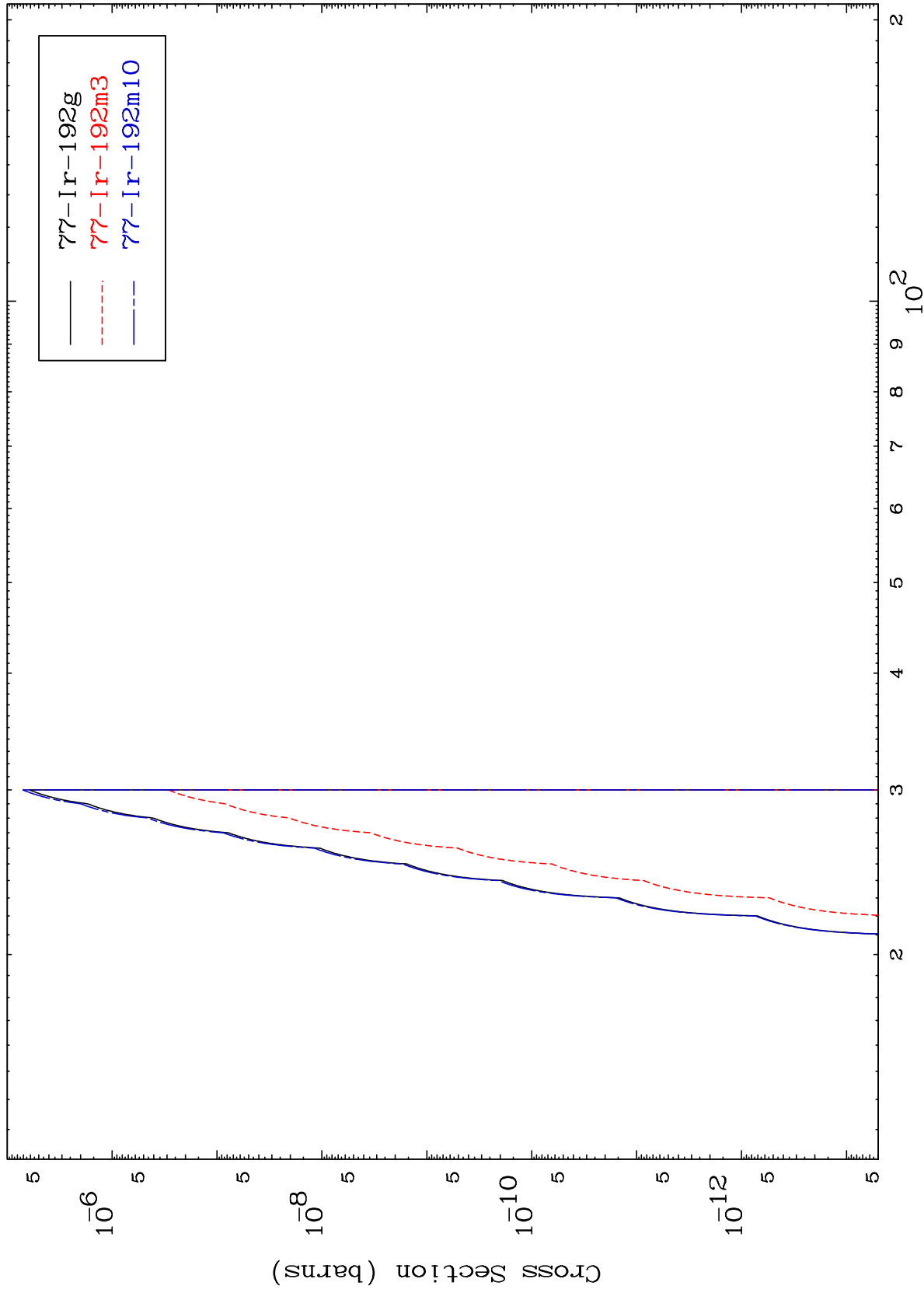


26

Incident Energy (MeV)

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

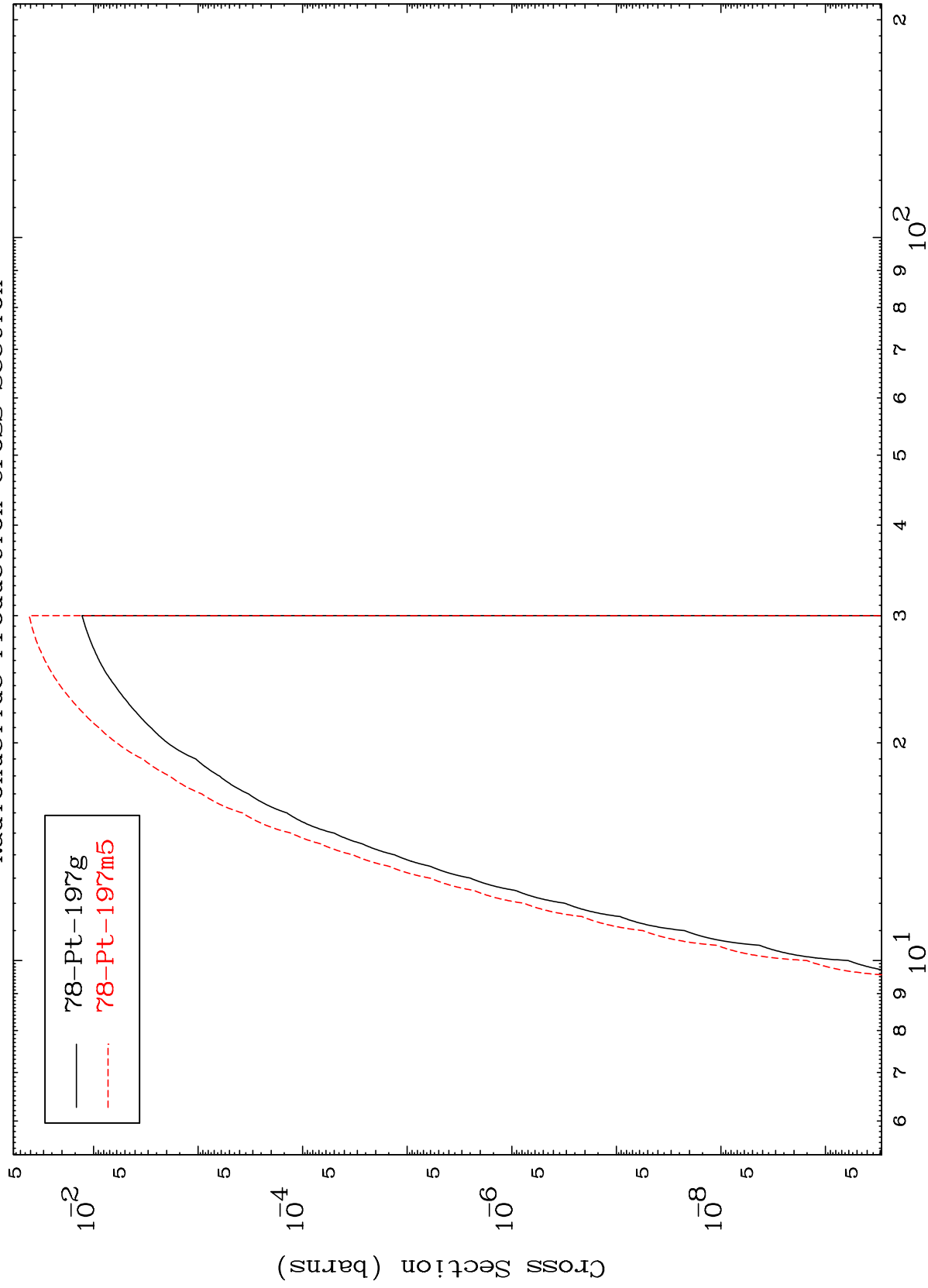
Radionuclide Production Cross Section



MAT 7929

79-Au-198

(n,n') p
Radionuclide Production Cross Section



28

Incident Energy (MeV)

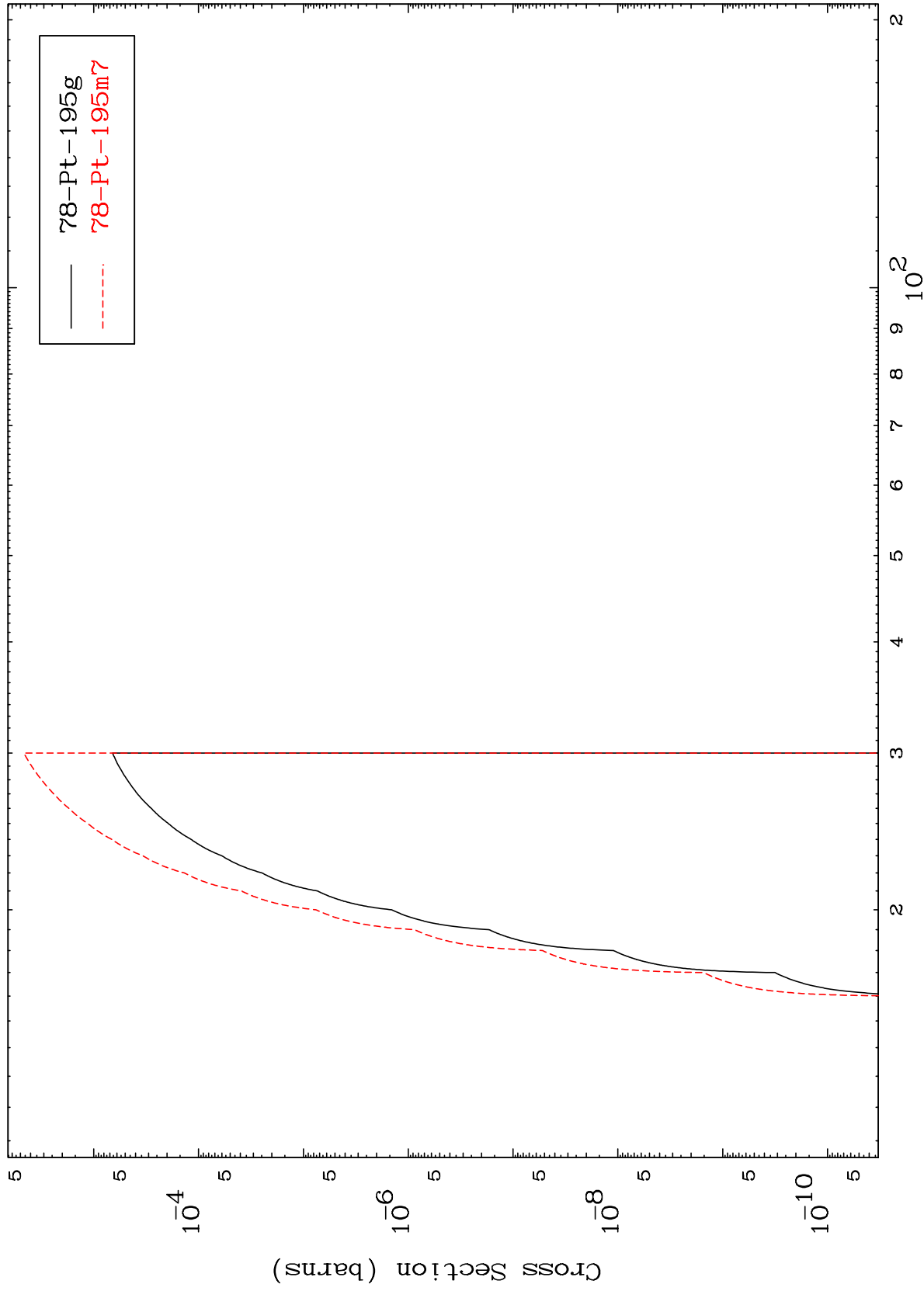
79-Au-198

MAT 7929

(n,n') t

79-Au-198

Radionuclide Production Cross Section



29

Incident Energy (MeV)

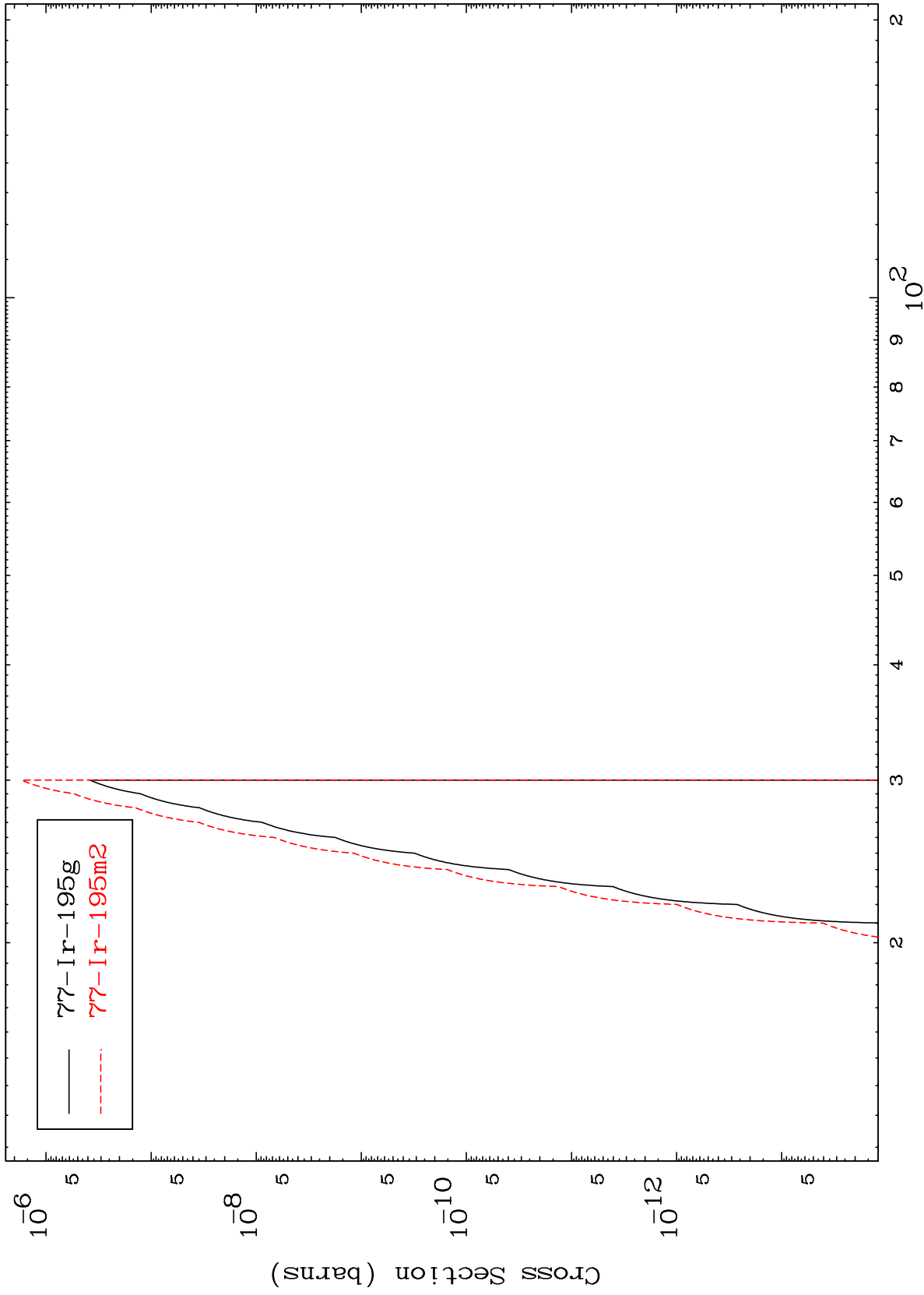
79-Au-198

MAT 7929

(n,n') He-3

79-Au-198

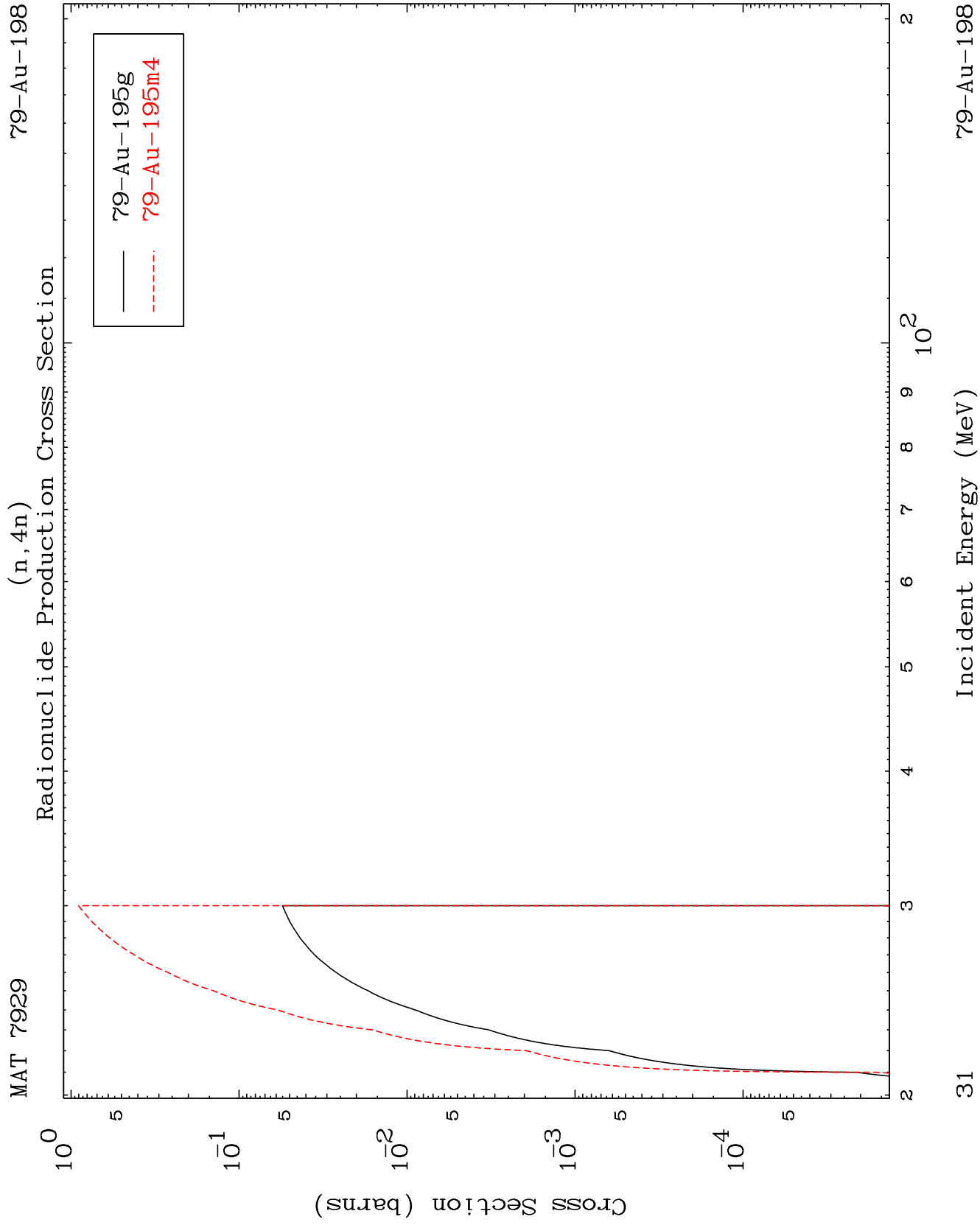
Radionuclide Production Cross Section



30

Incident Energy (MeV)

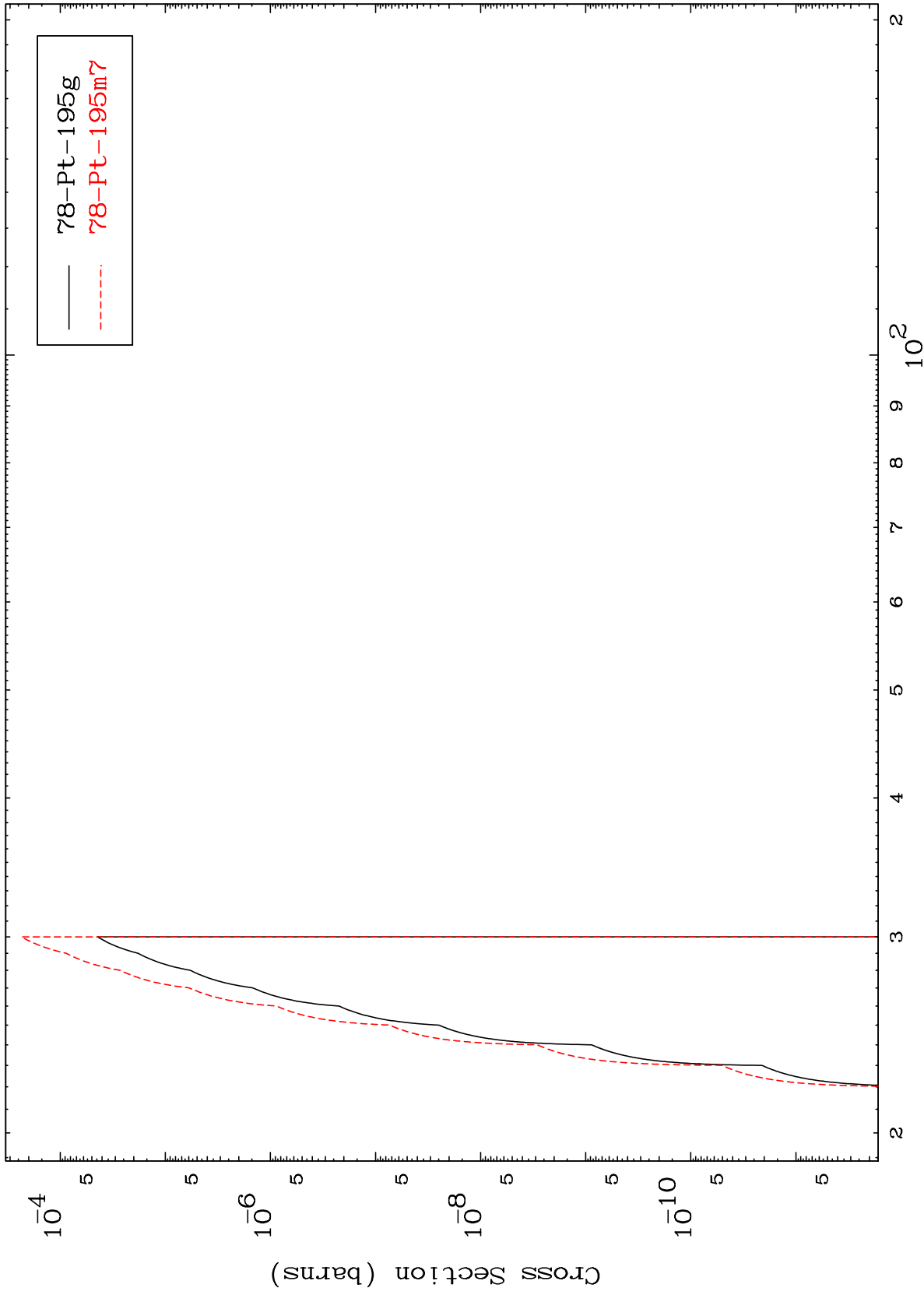
79-Au-198



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79-Au-198

(n,3n) p
Radionuclide Production Cross Section



32

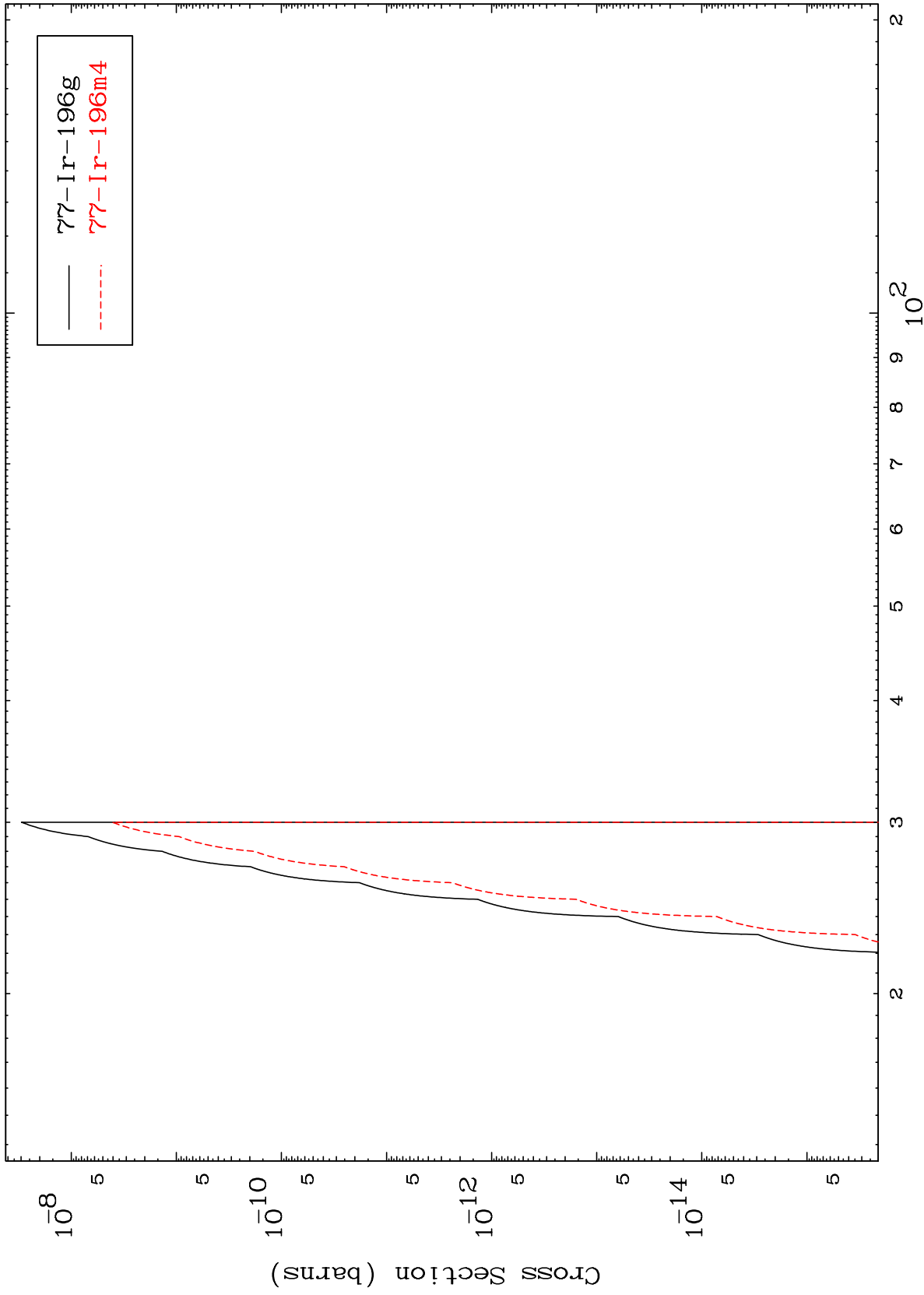
Incident Energy (MeV)

79-Au-198

MAT 7929

79-Au-198

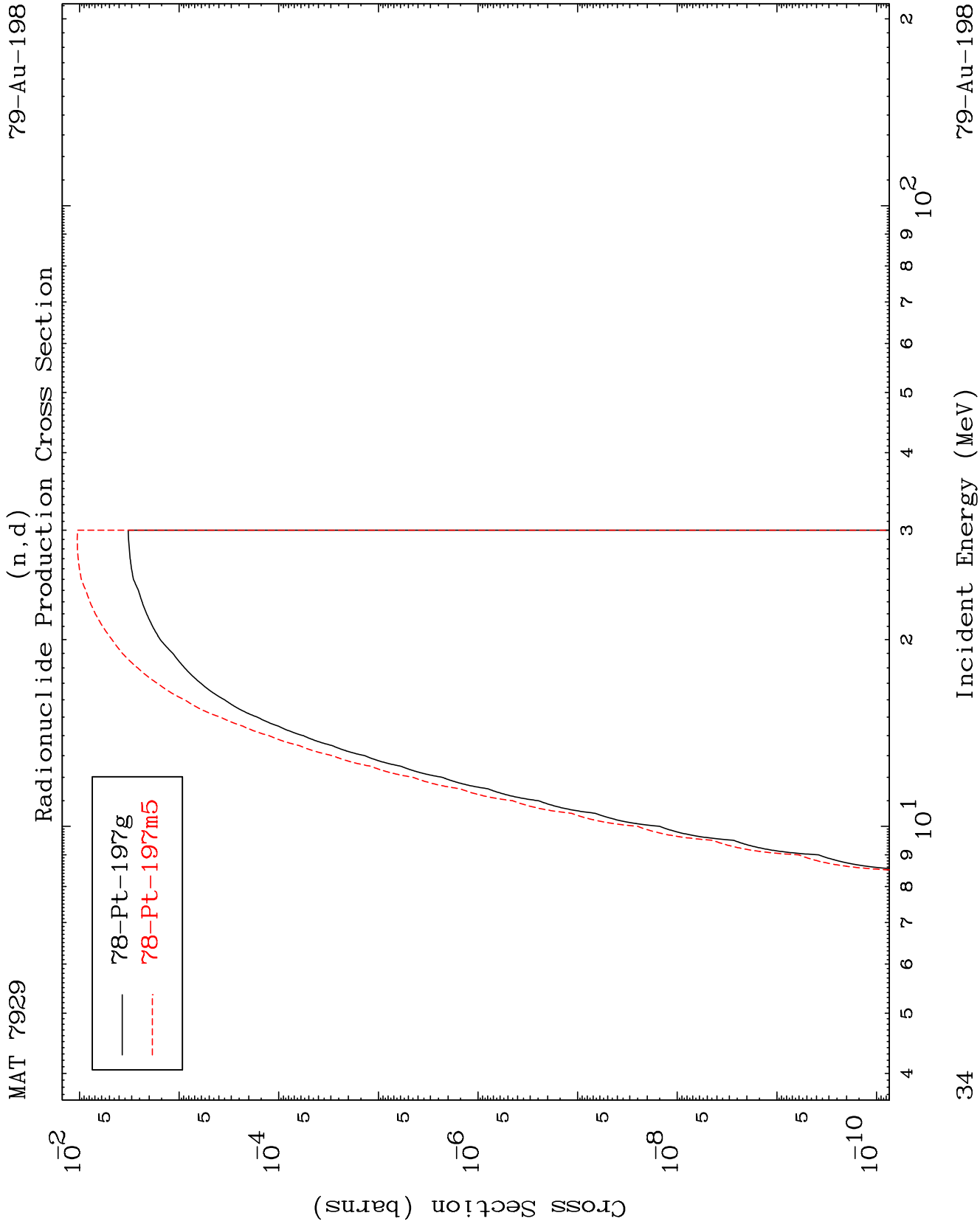
(n,2n) p
Radionuclide Production Cross Section



33

Incident Energy (MeV)

79-Au-198

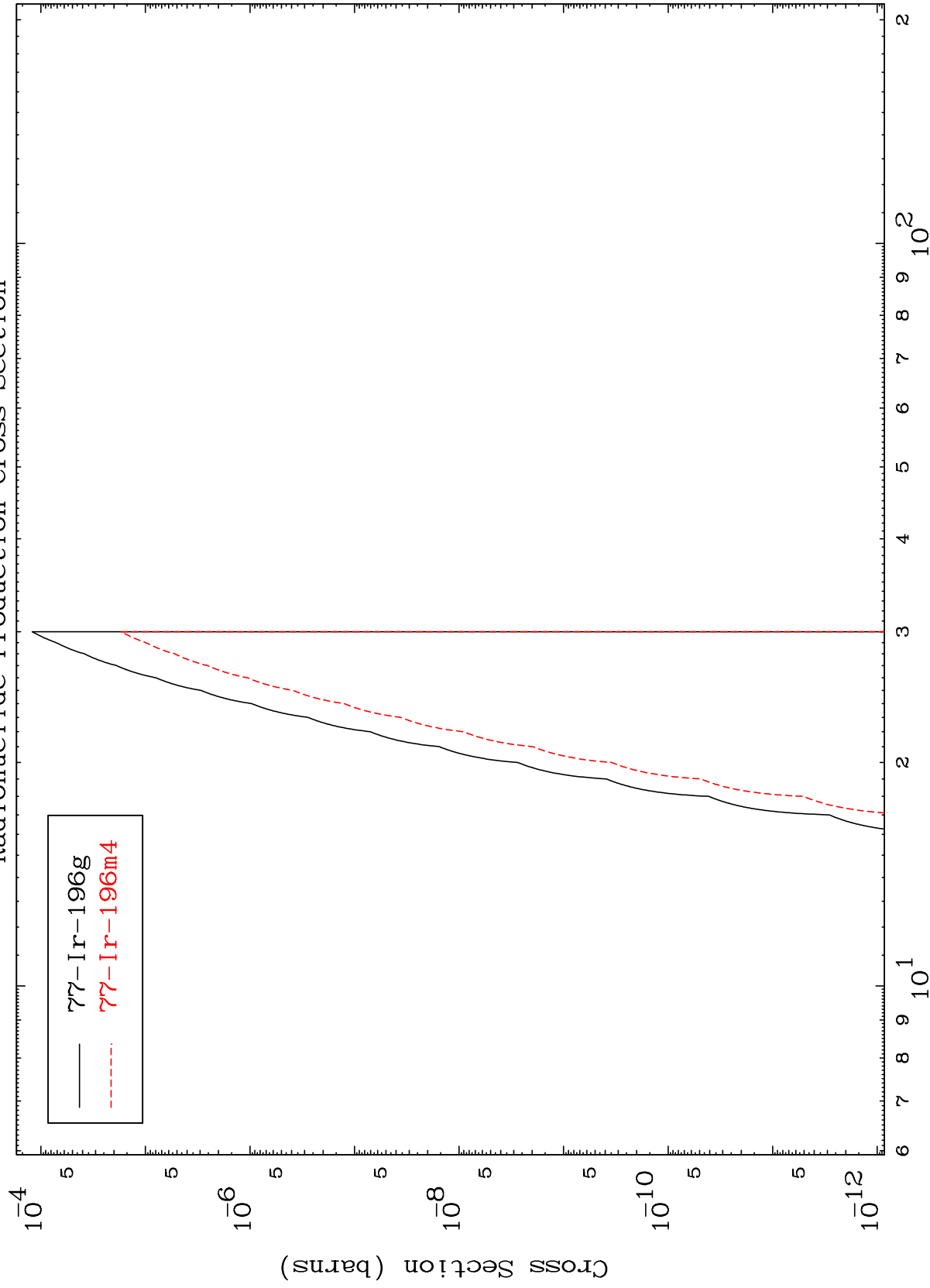


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(n,He-3)

79-Au-198

Radionuclide Production Cross Section



35

Incident Energy (MeV)

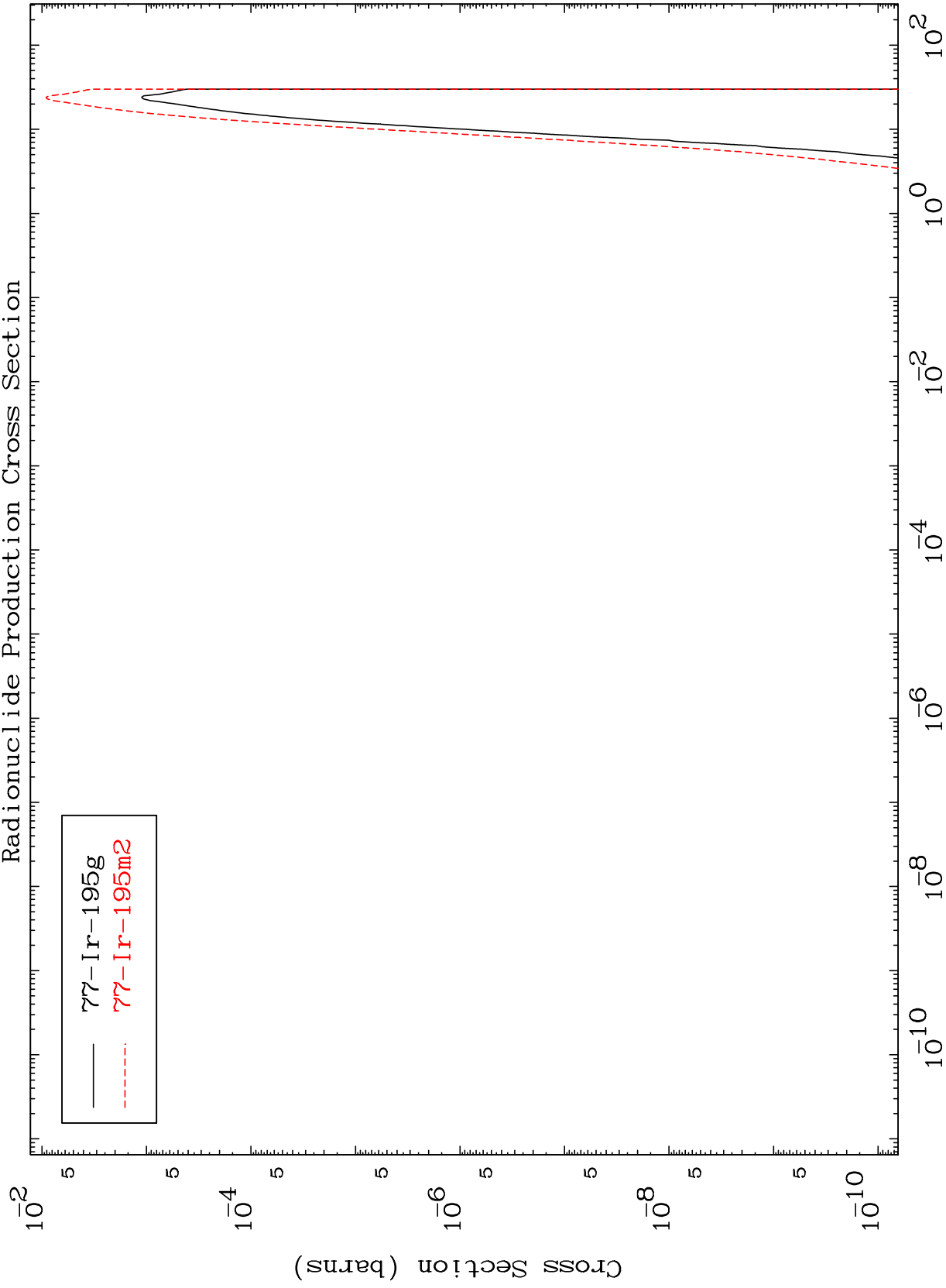
79-Au-198

MAT 7929

(n,α)

79-Au-198

Radionuclide Production Cross Section



36

Incident Energy (MeV)

79-Au-198

