

Program EVALPLOT  
(Version 2017-1)

by

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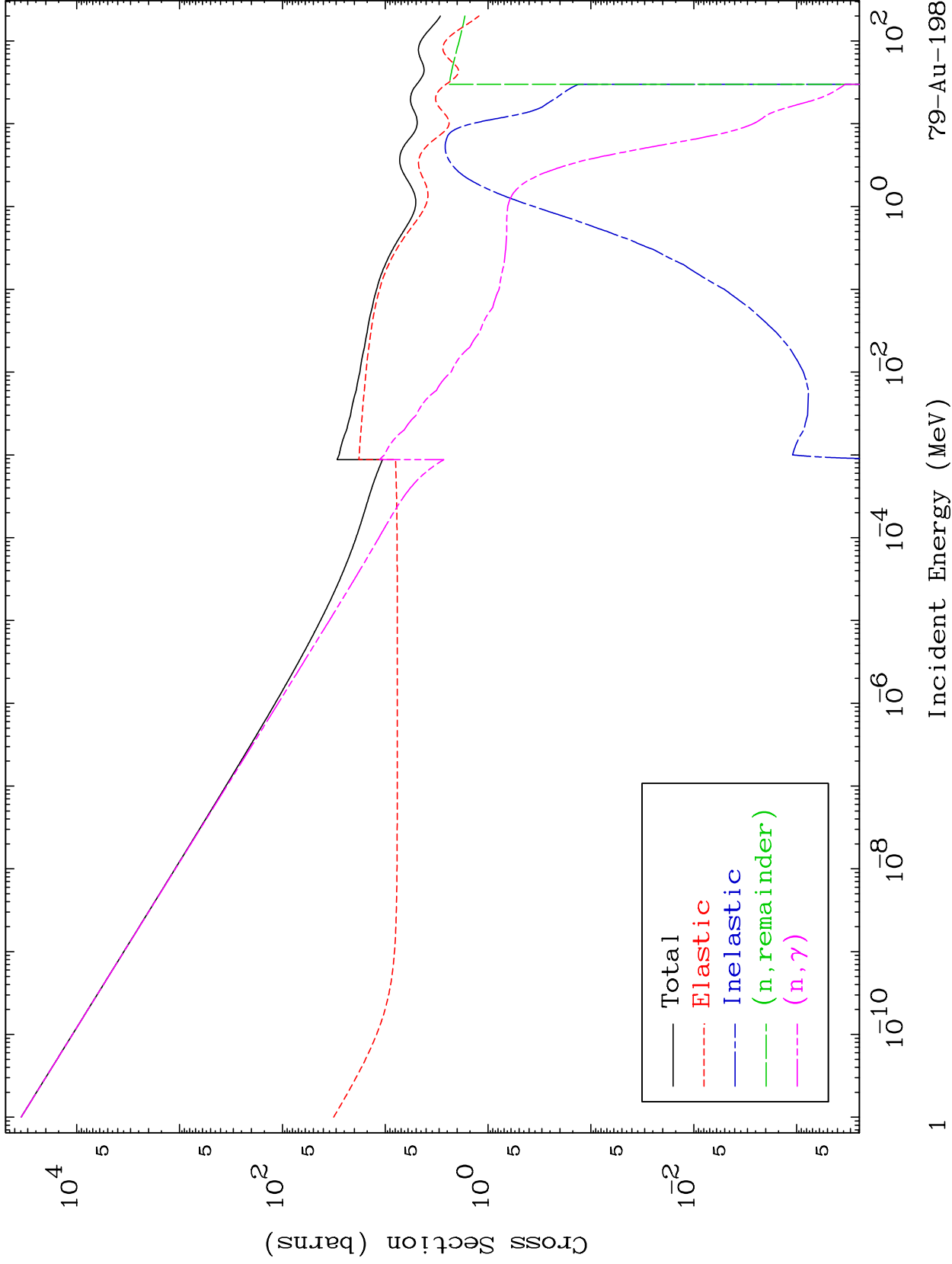
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7929

Major  
293 Kelvin Cross Sections

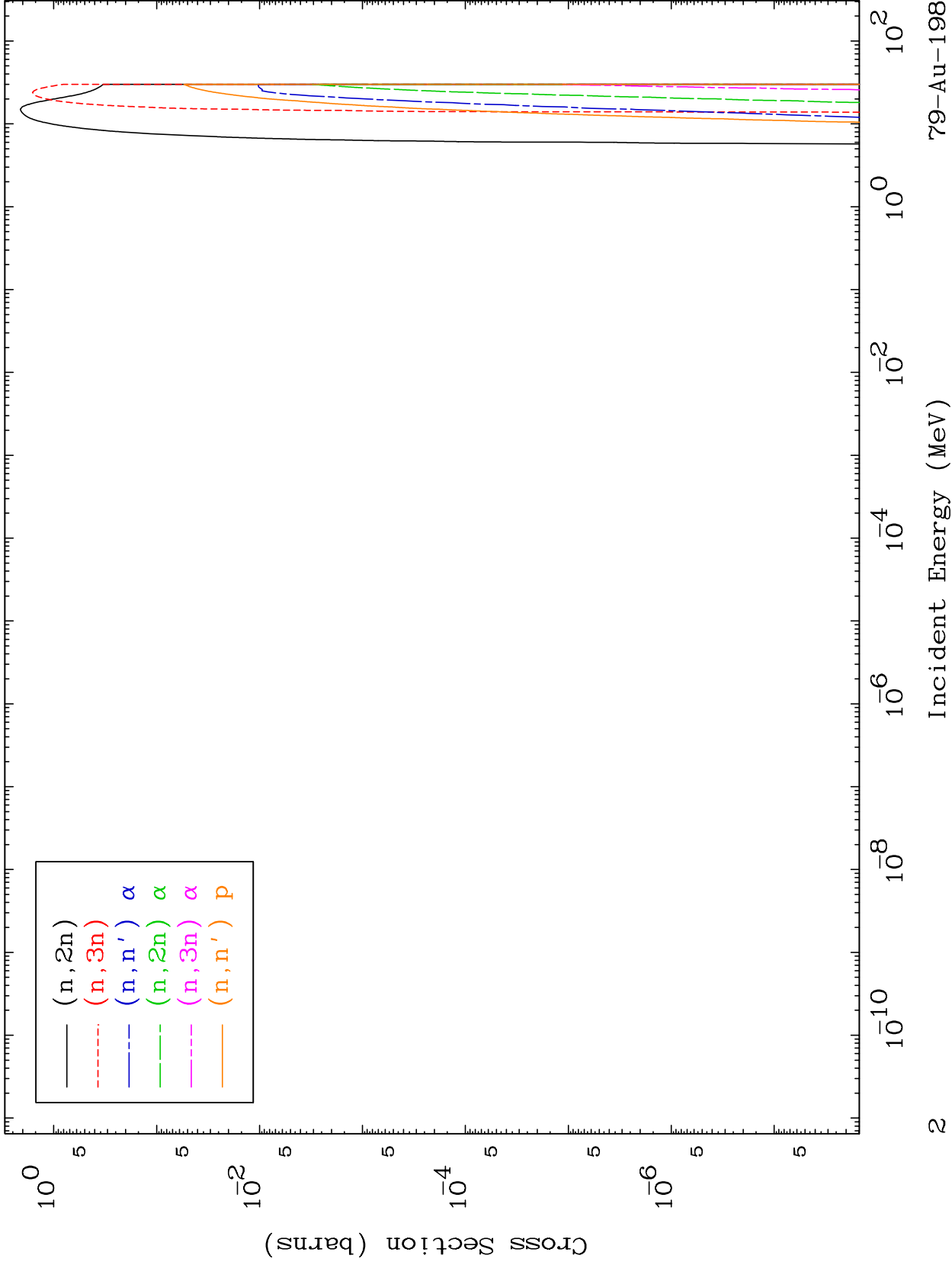
79-Au-198



MAT 7929

Neutron Production  
293 Kelvin Cross Sections

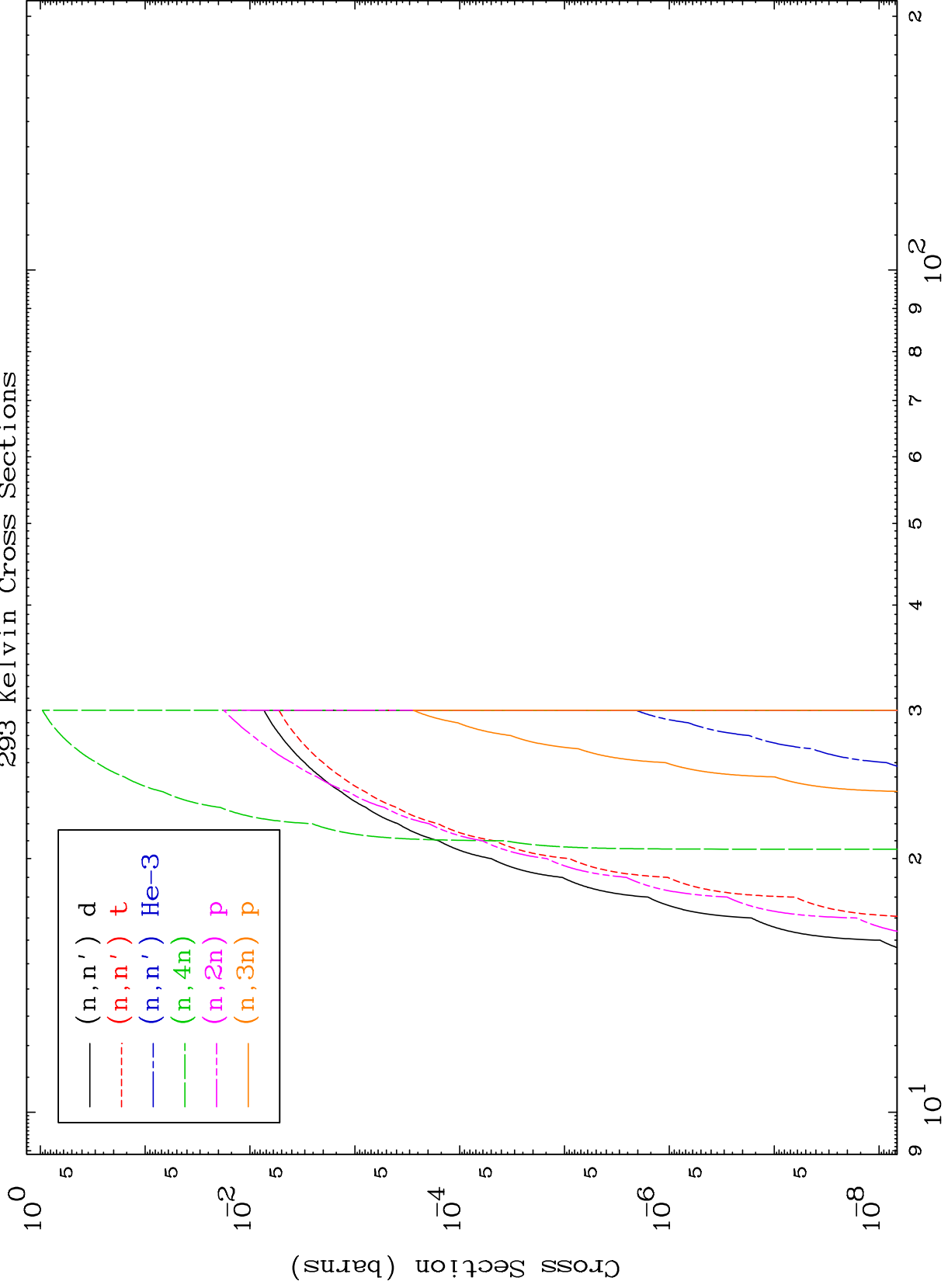
79-Au-198



MAT 7929

Neutron Production  
293 Kelvin Cross Sections

79-Au-198



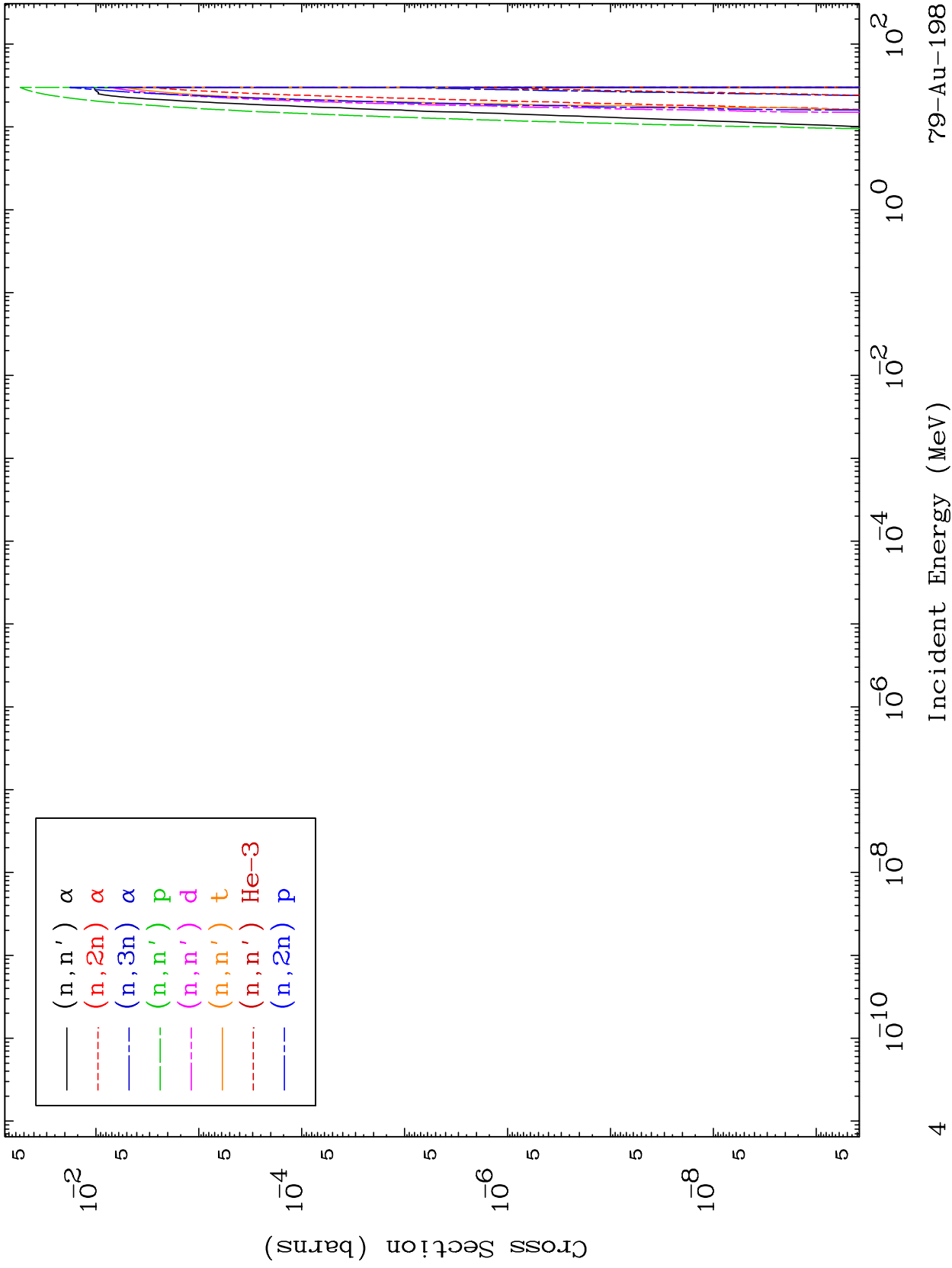
Incident Energy (MeV)

79-Au-198

MAT 7929

Charged Particle  
293 Kelvin Cross Sections

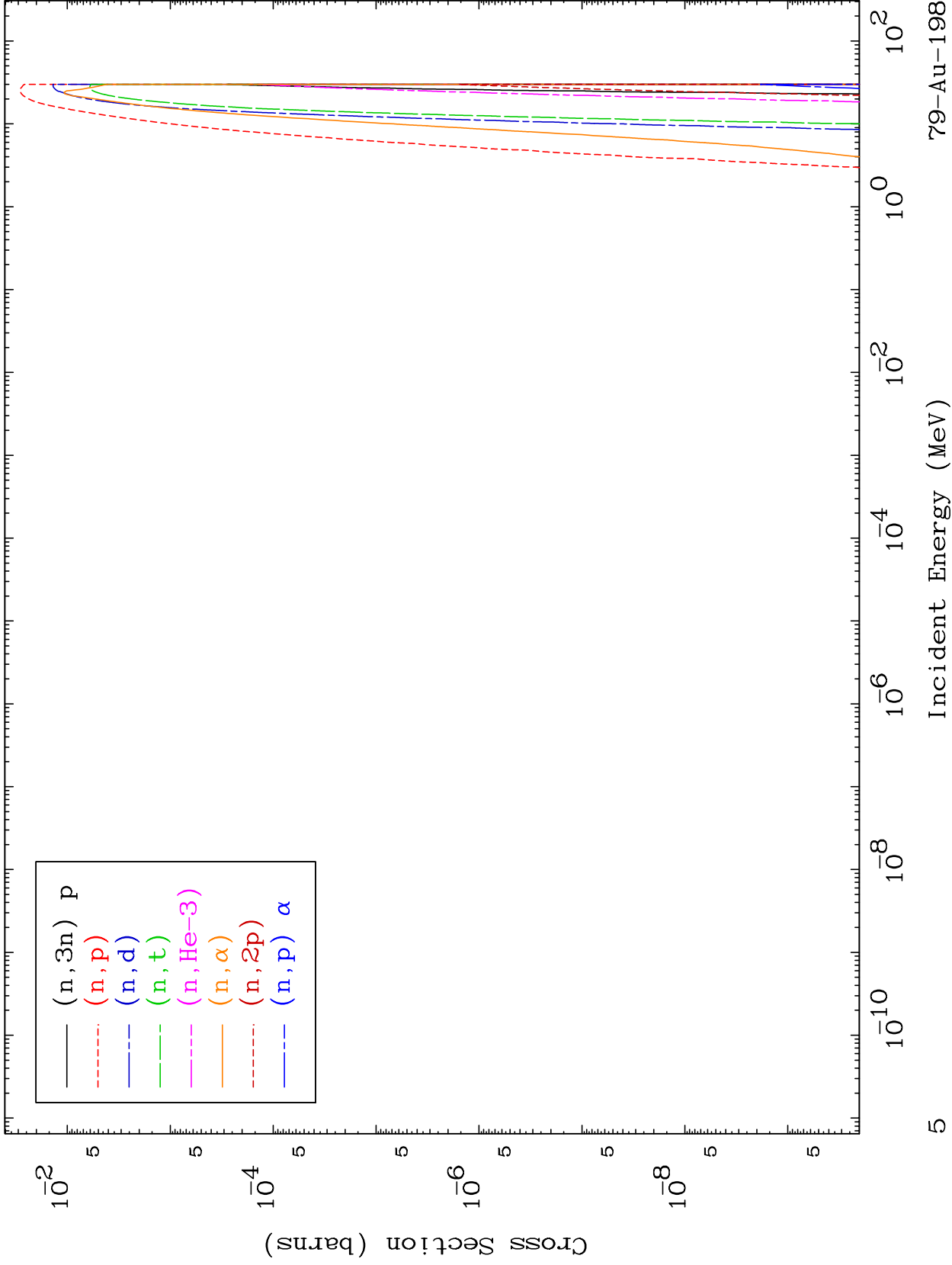
79-Au-198

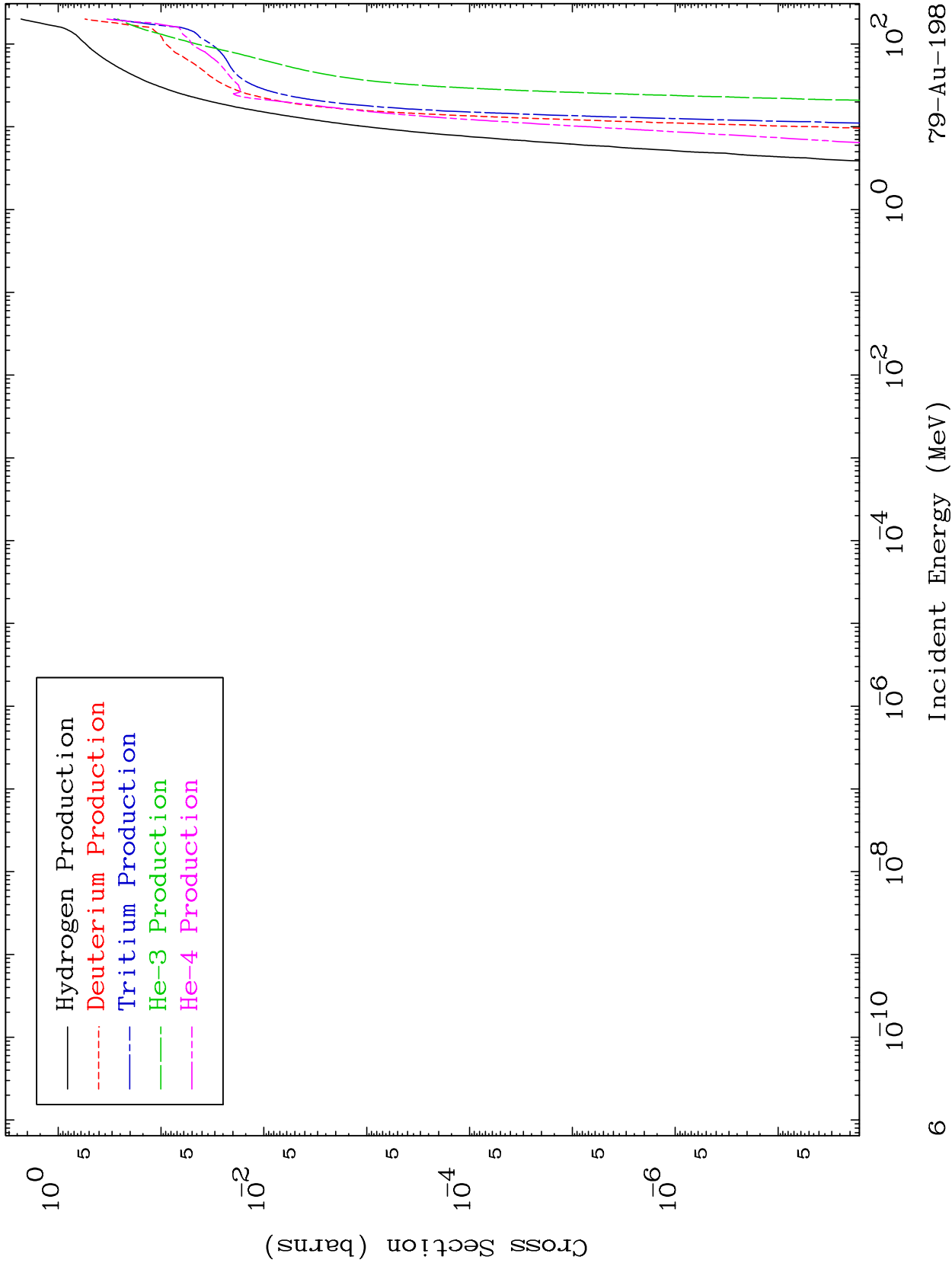


MAT 7929

Charged Particle  
293 Kelvin Cross Sections

79-Au-198

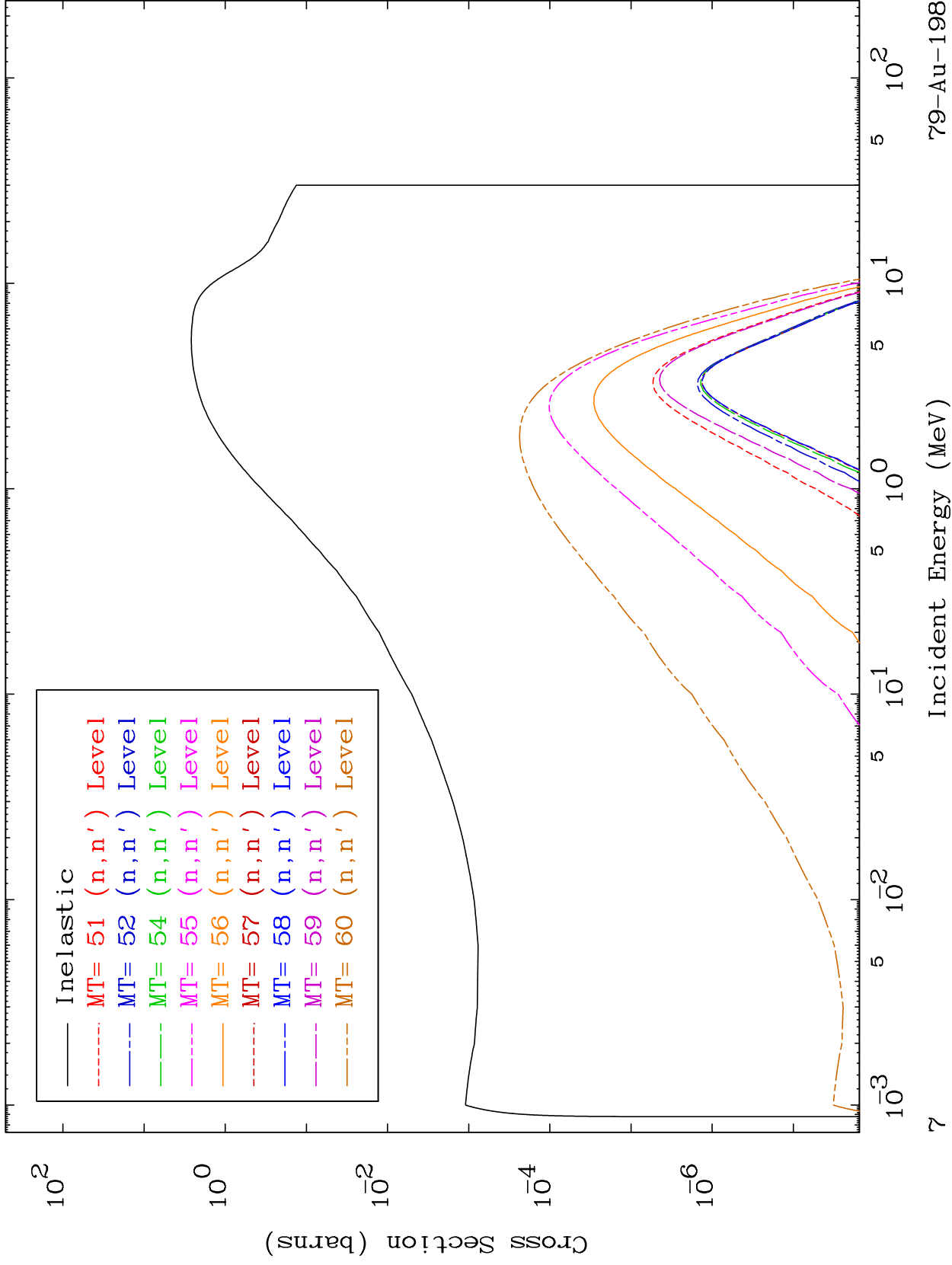




MAT 7929

(n,n') Level  
293 Kelvin Cross Sections

79-Au-198



79-Au-198

Incident Energy (MeV)

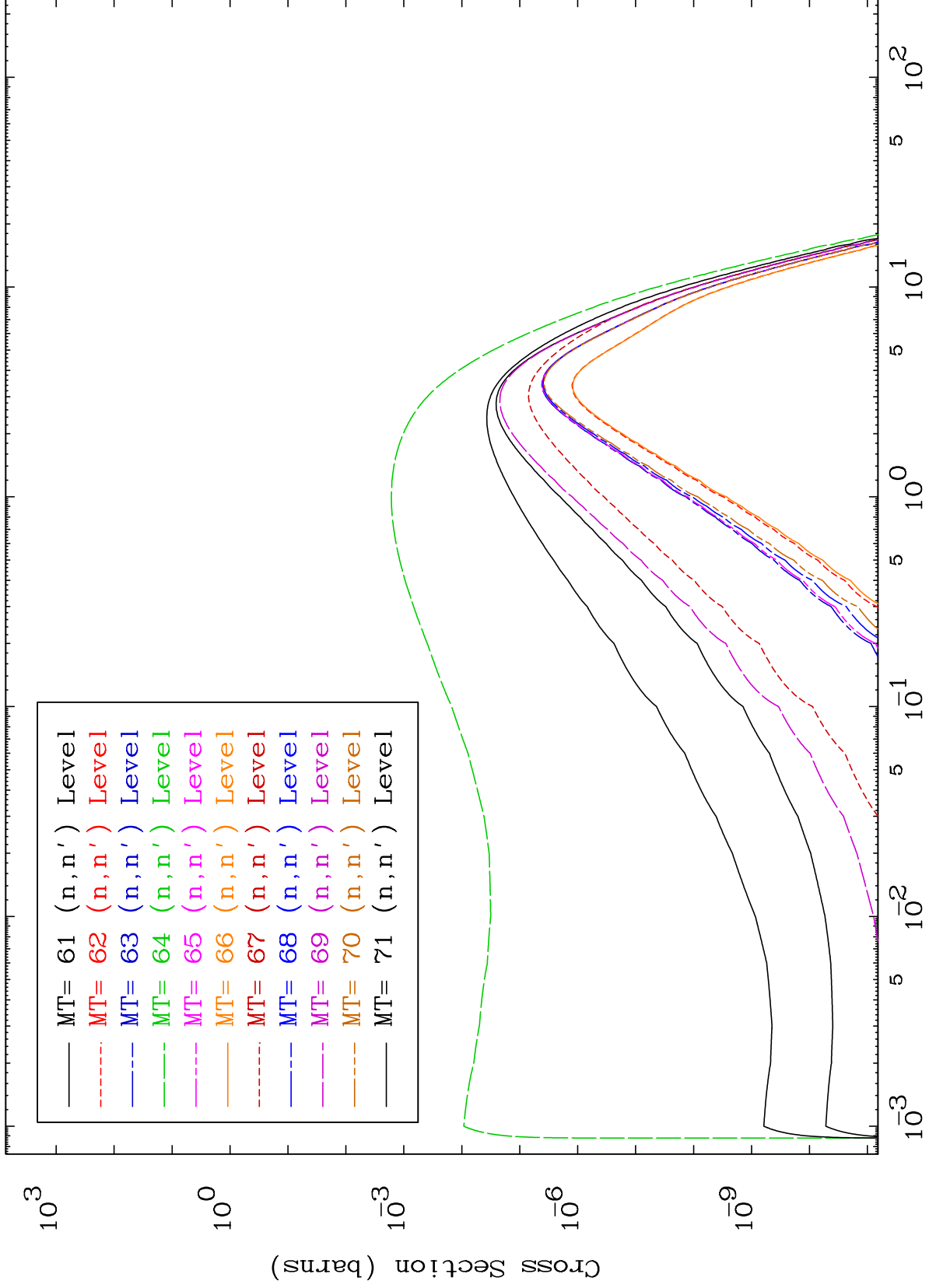
7



MAT 7929

293 (n,n') Level  
Kelvin Cross Sections

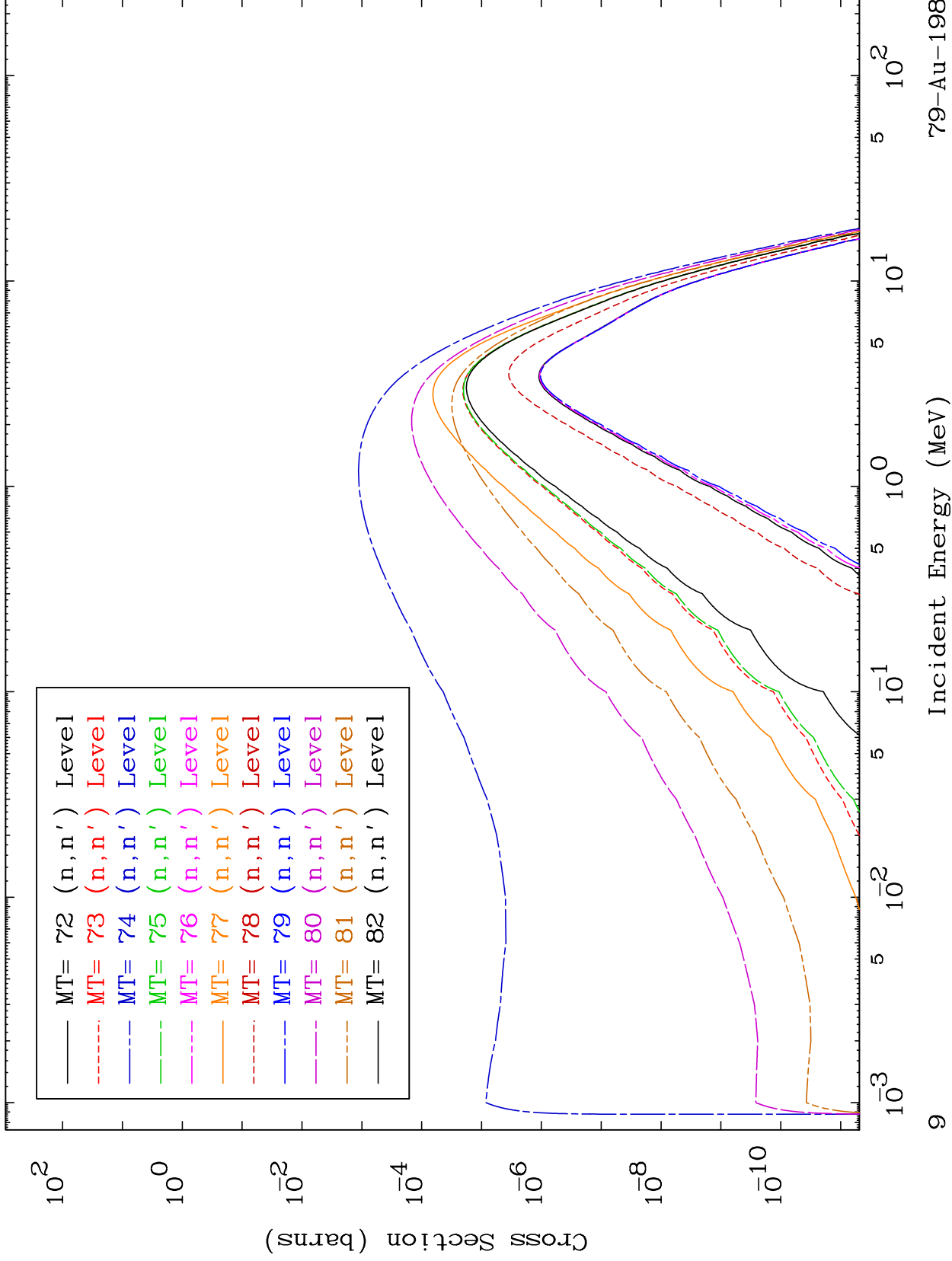
79-Au-198



MAT 7929

(n,n') Level  
293 Kelvin Cross Sections

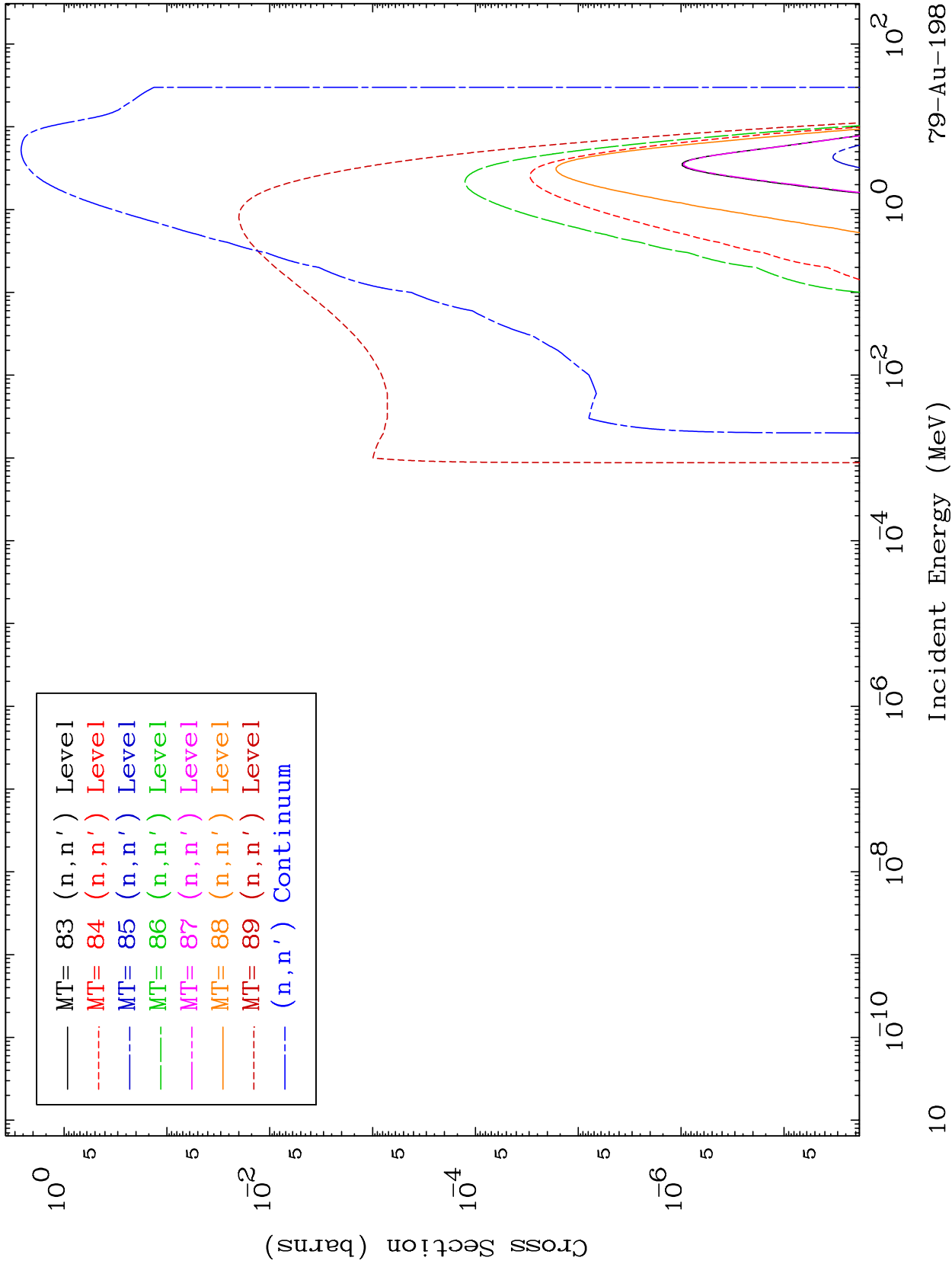
79-Au-198



MAT 7929

293 (n,n') Level  
Kelvin Cross Sections

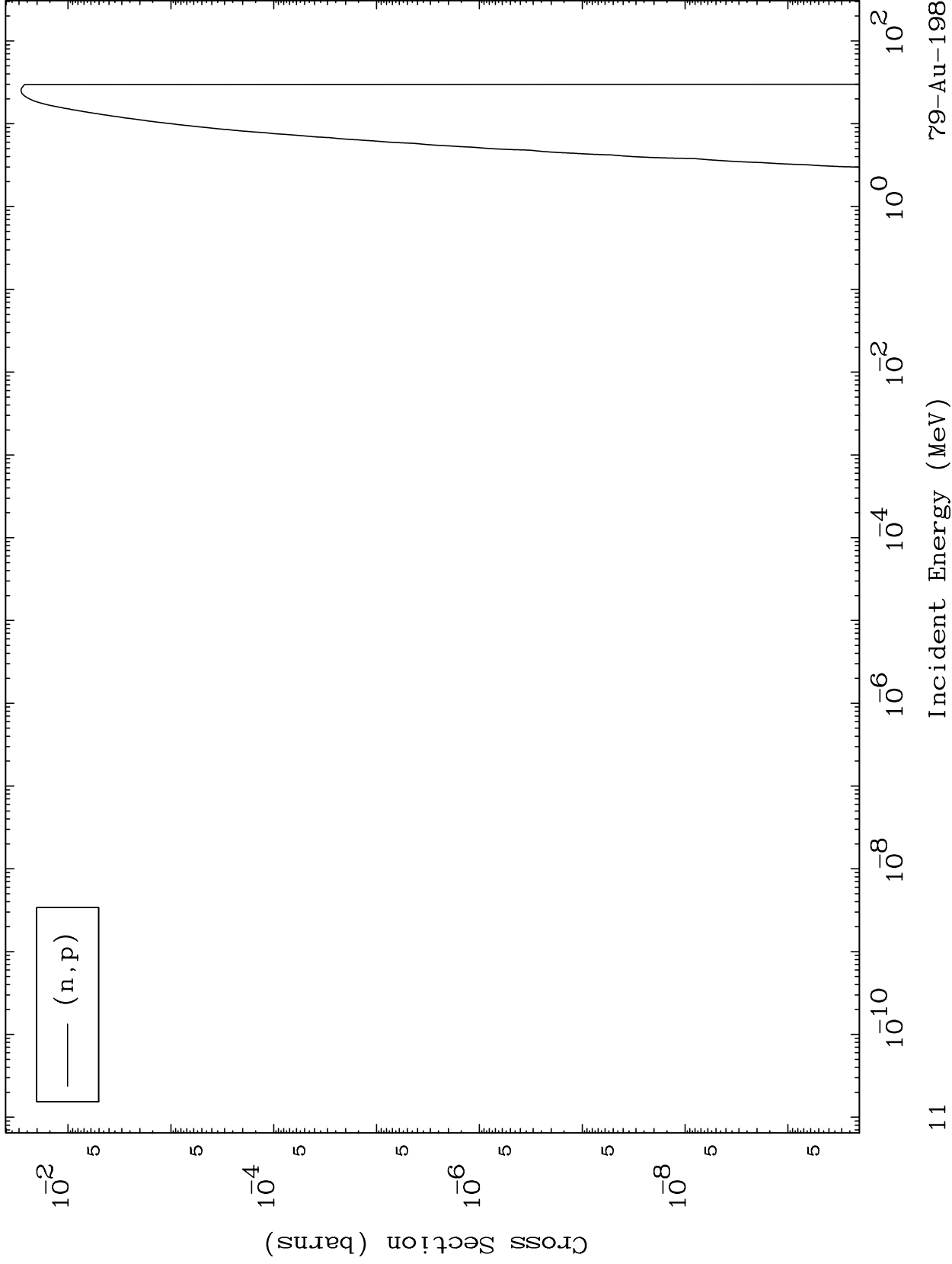
79-Au-198



MAT 7929

(n,p) Levels  
293 Kelvin Cross Sections

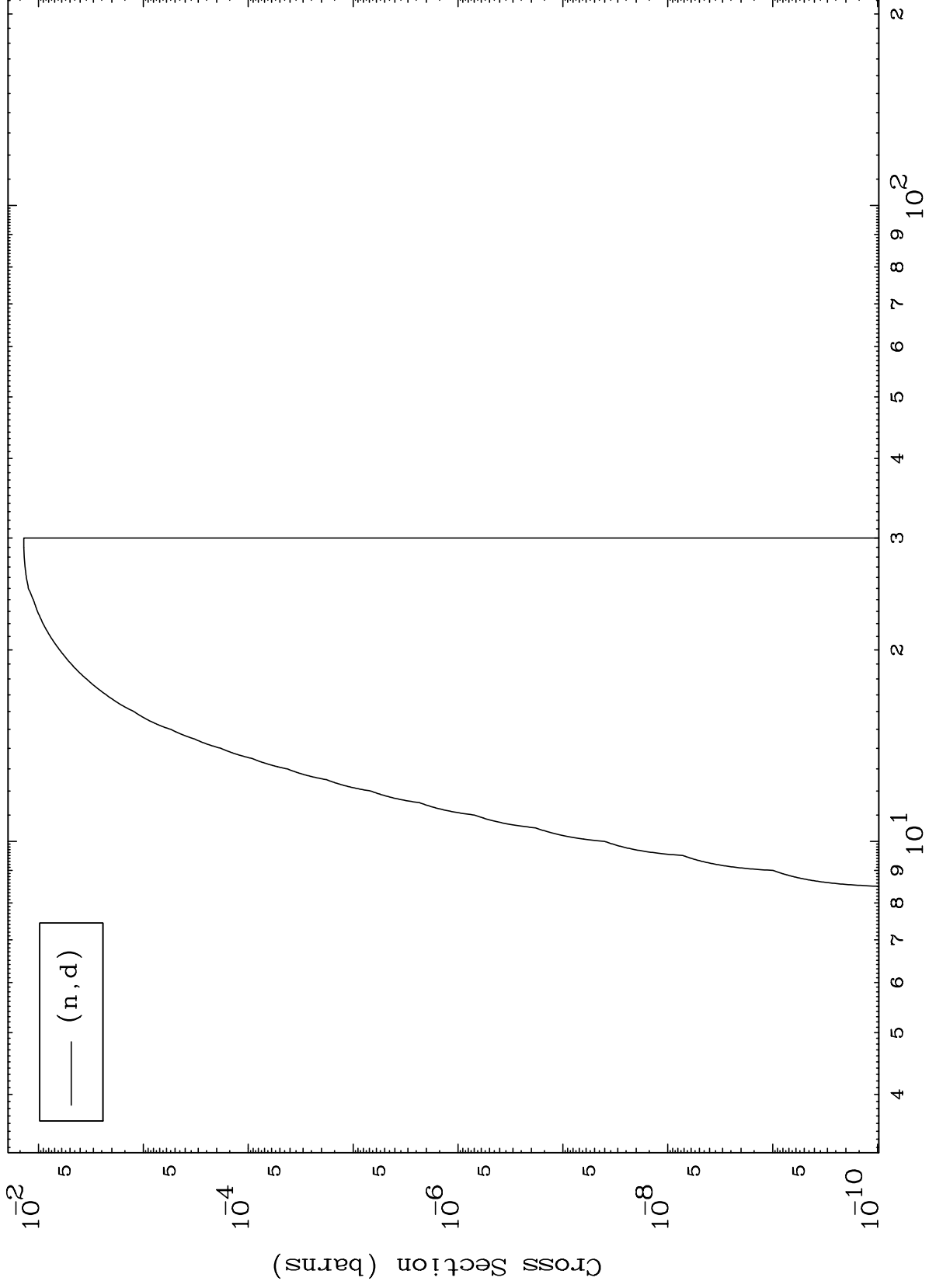
79-Au-198



MAT 7929

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-198



12

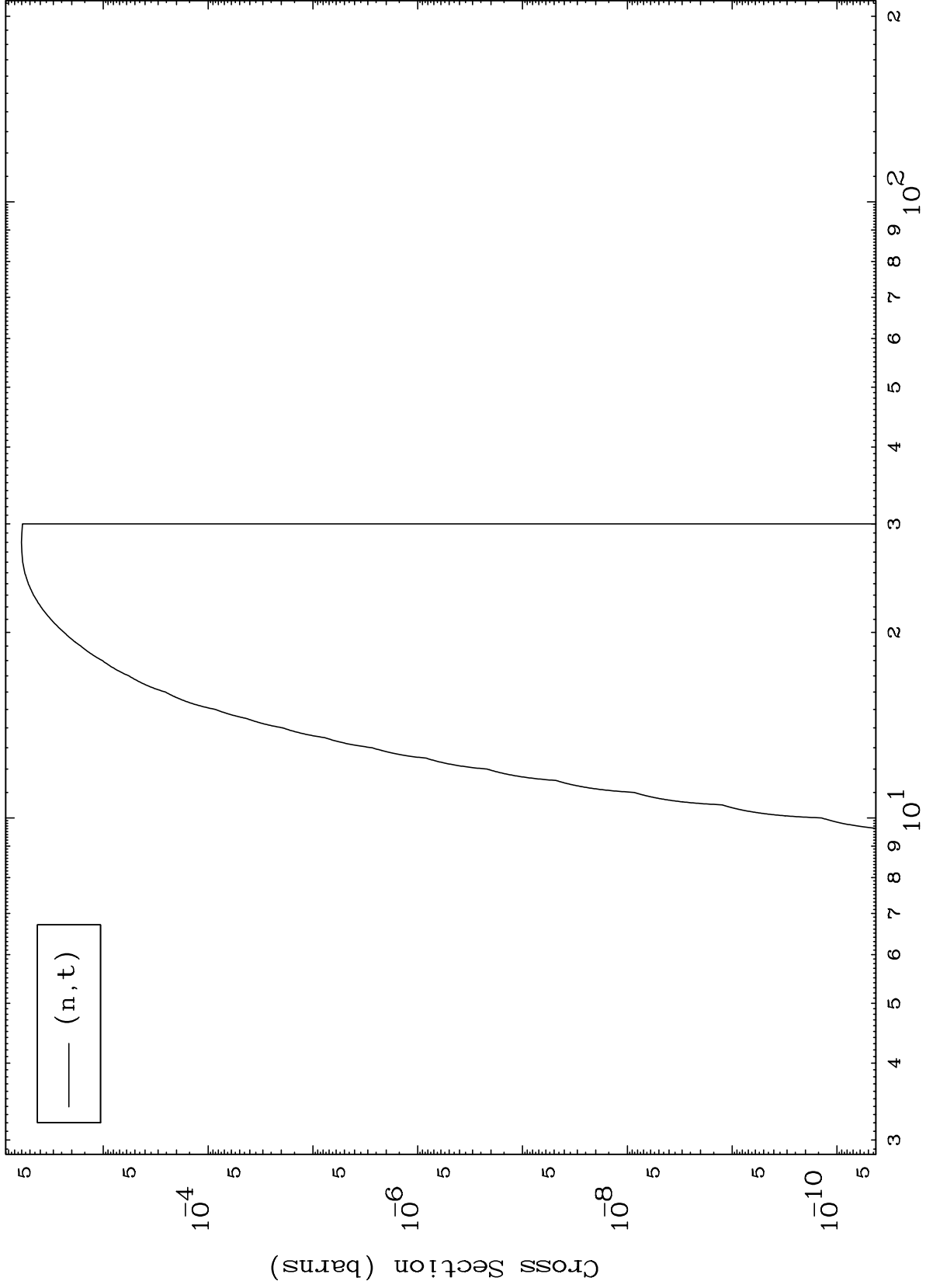
Incident Energy (MeV)

79-Au-198

MAT 7929

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-198



13

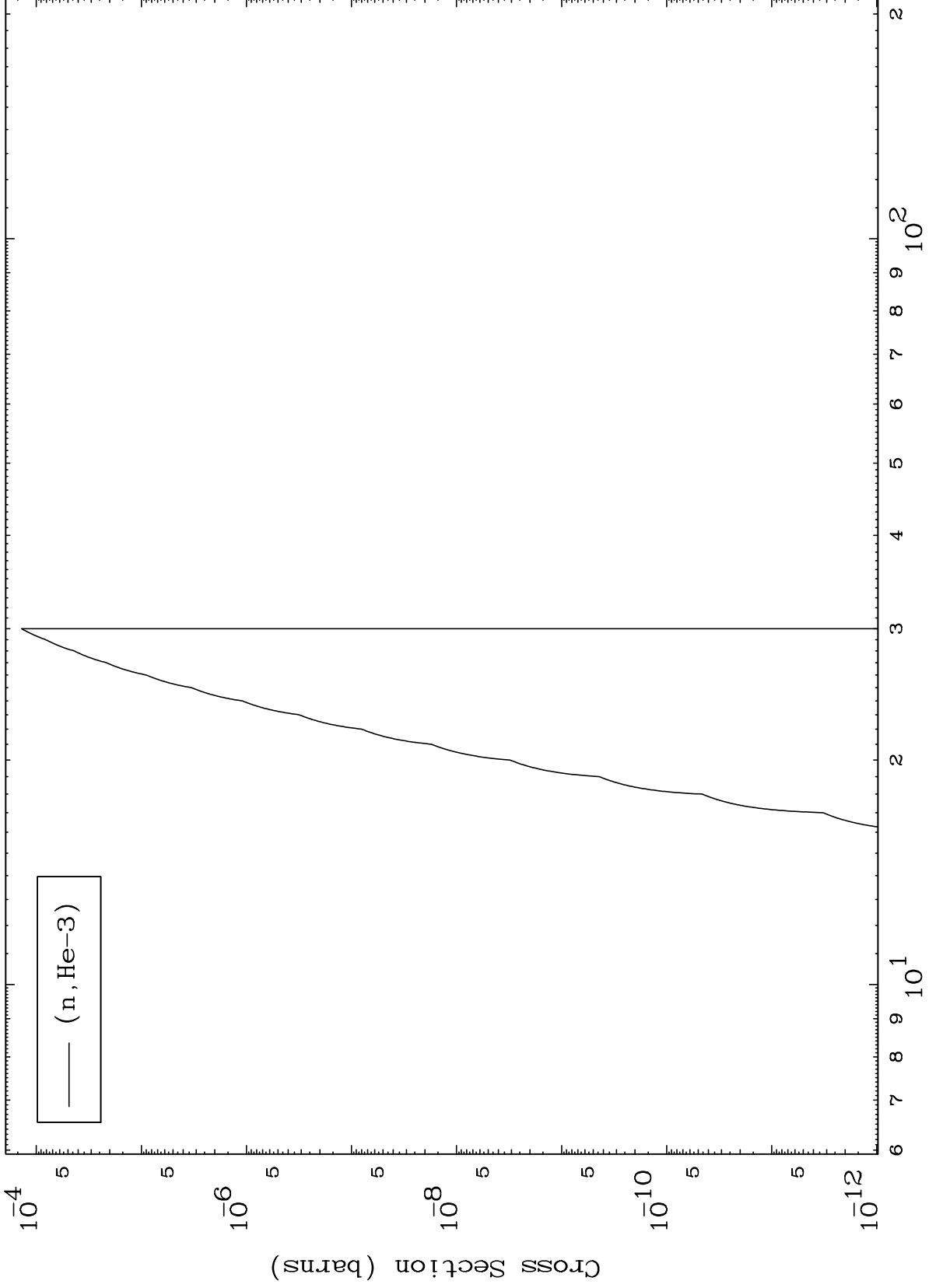
Incident Energy (MeV)

79-Au-198

MAT 7929

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-198



14

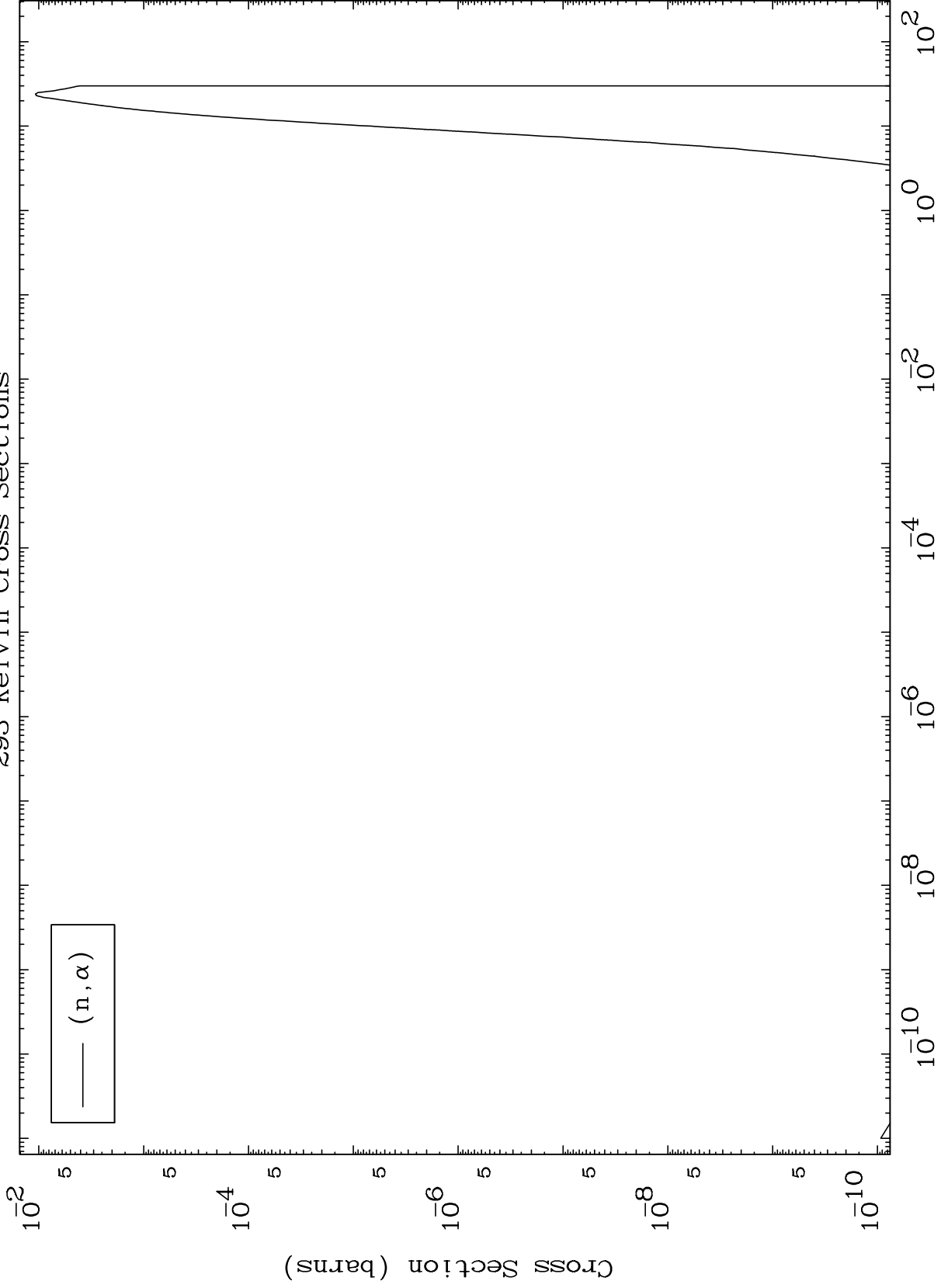
Incident Energy (MeV)

79-Au-198

MAT 7929

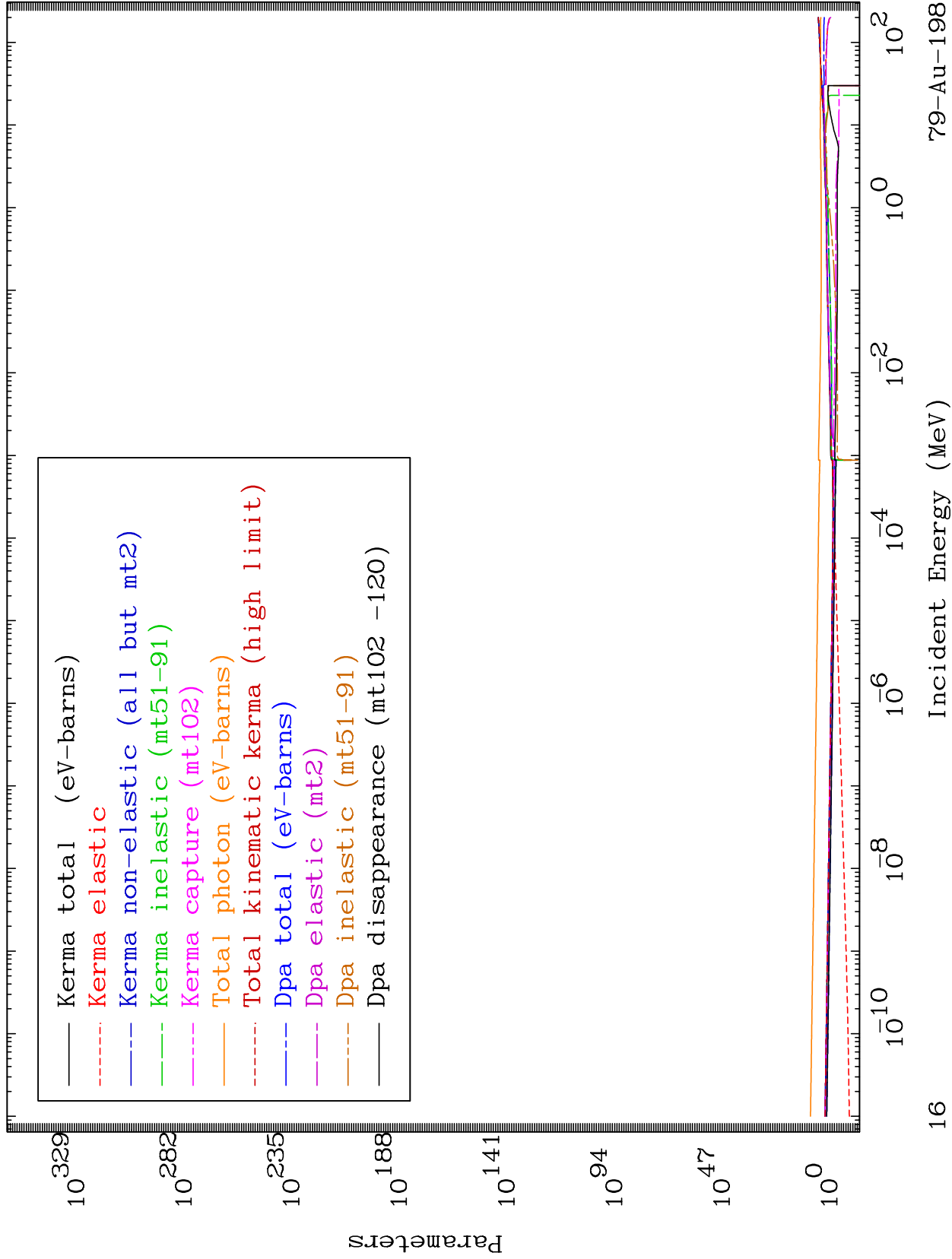
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

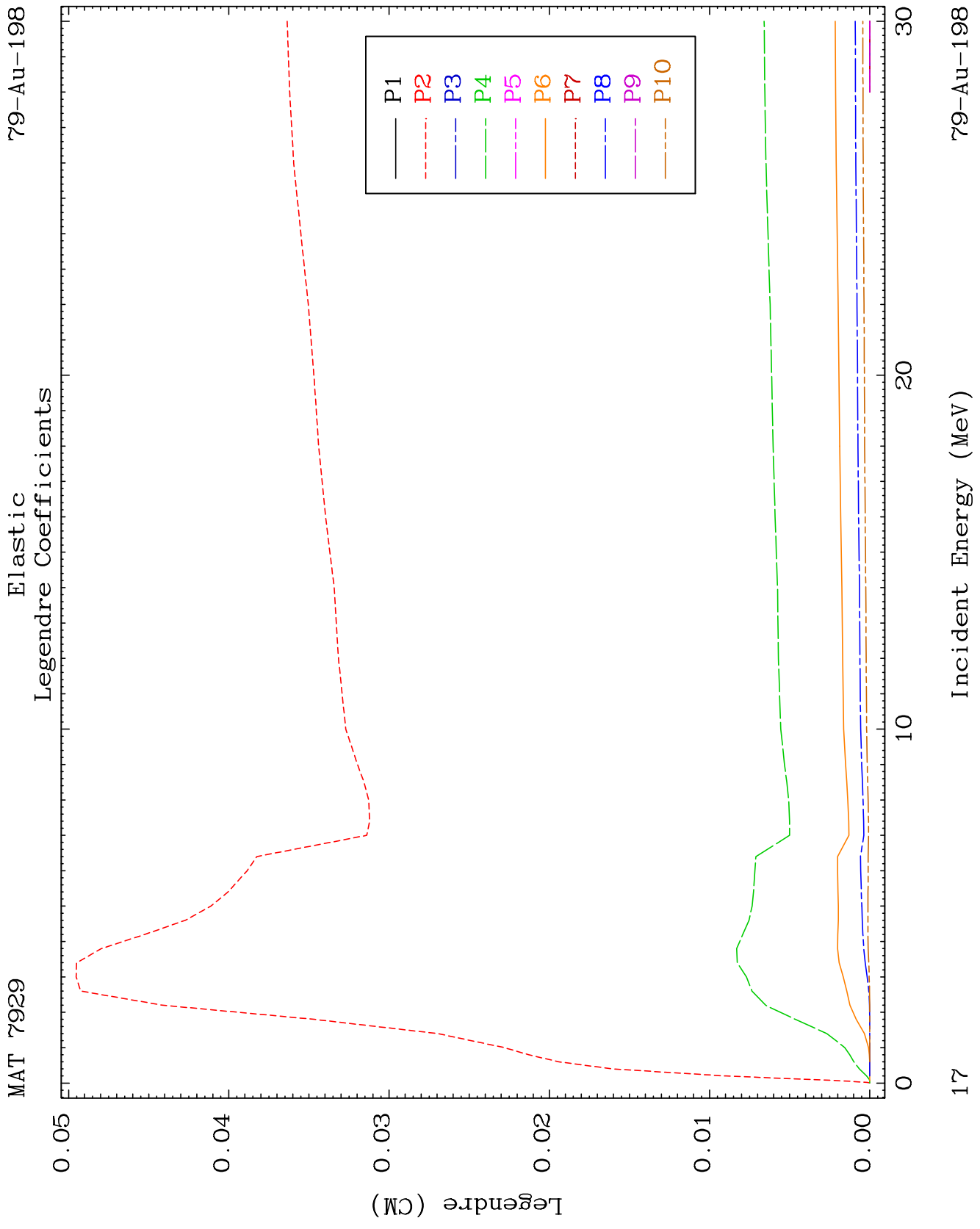
79-Au-198



(n,  $\alpha$ )



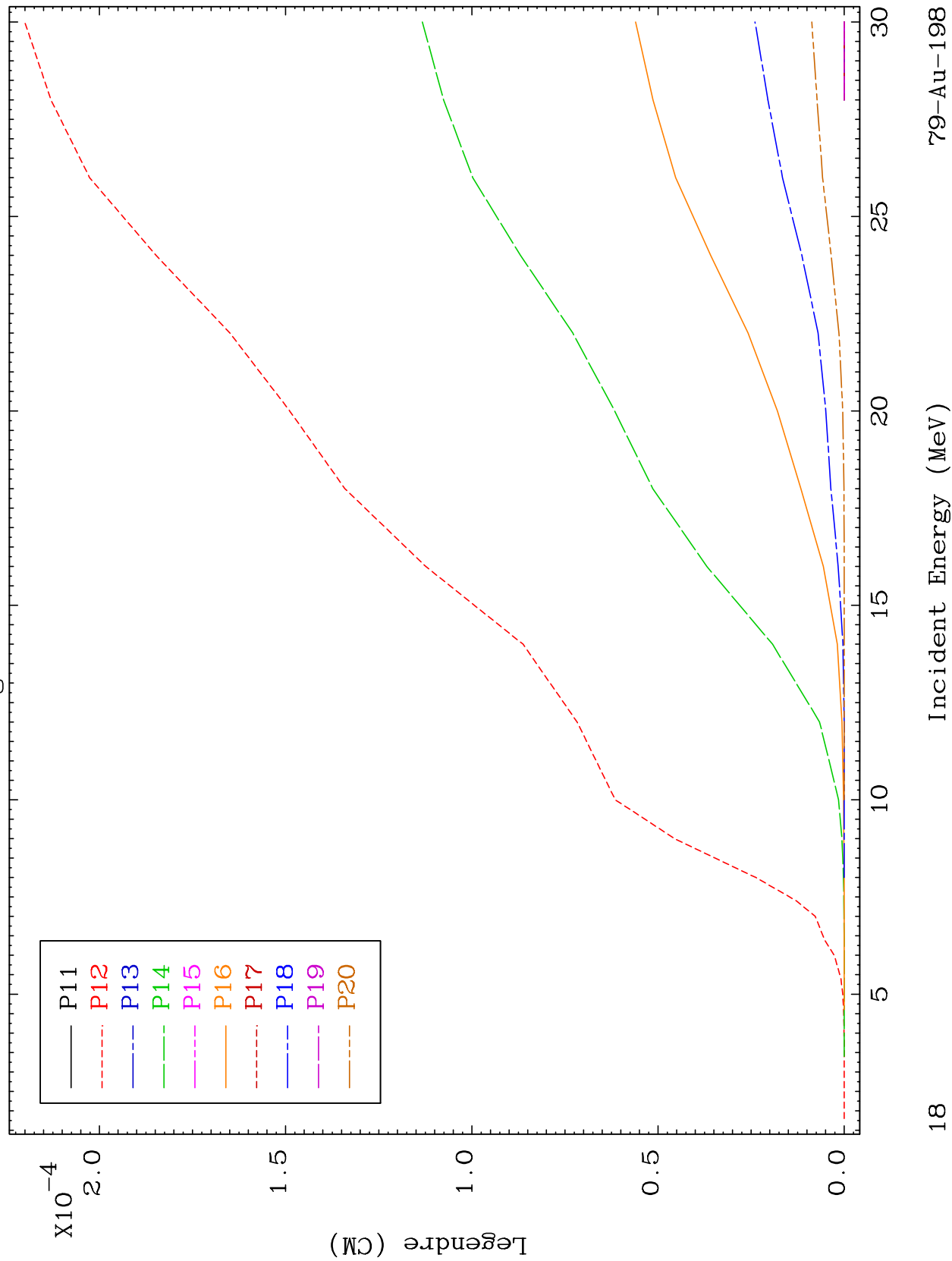




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Elastic Legendre Coefficients

79-Au-198



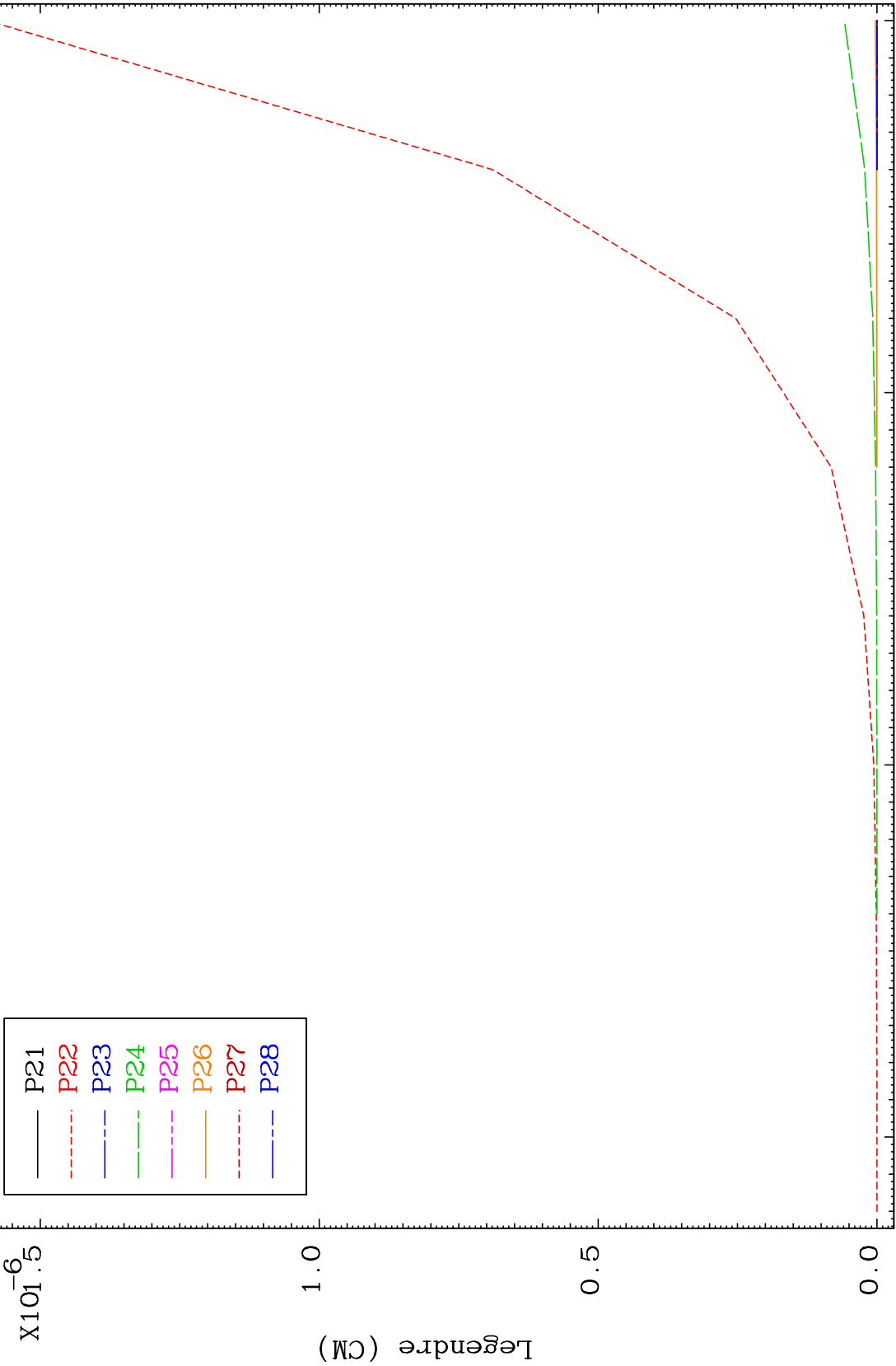
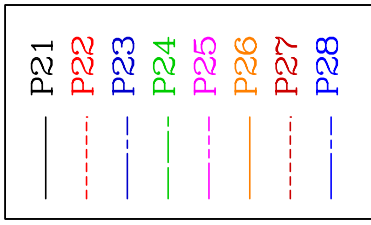
18

79-Au-198

MAT 7929

Elastic Legendre Coefficients

79-Au-198



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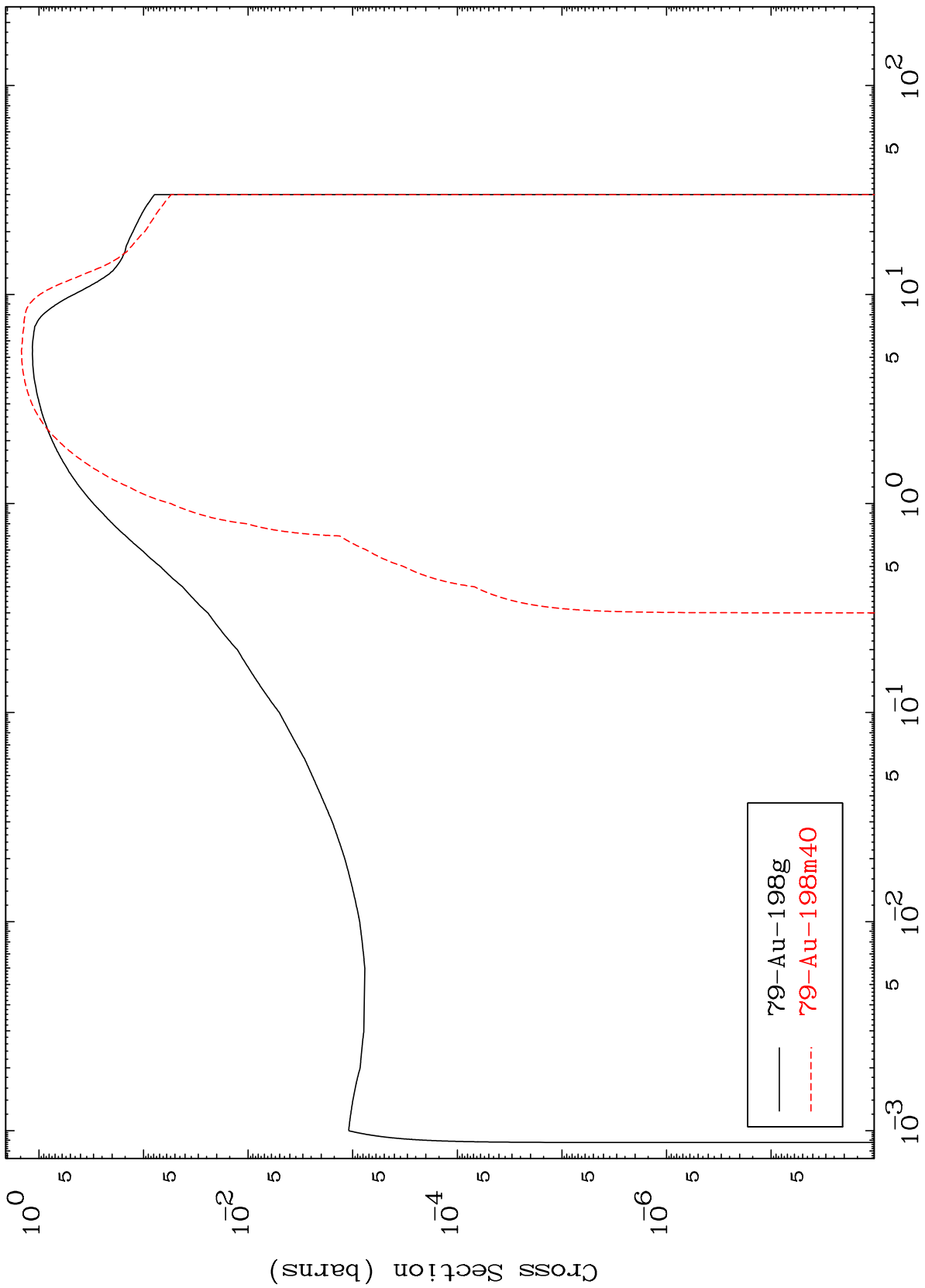
Incident Energy (MeV)

79-Au-198

MAT 7929

79-Au-198

Inelastic  
Radionuclide Production Cross Section



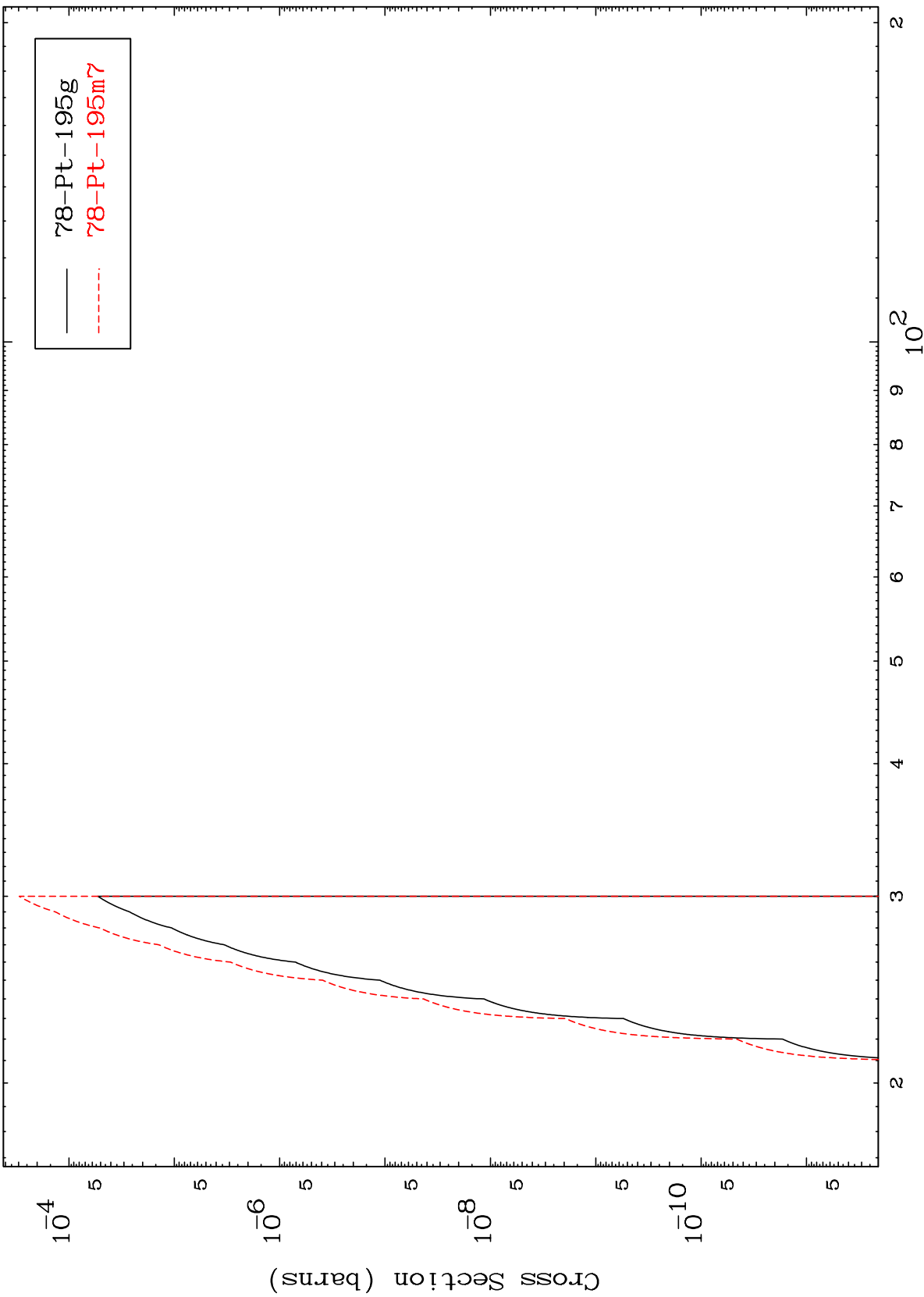
— 79-Au-198g  
- - - 79-Au-198m40

20

Incident Energy (MeV)

79-Au-198

Radionuclide Production Cross Section

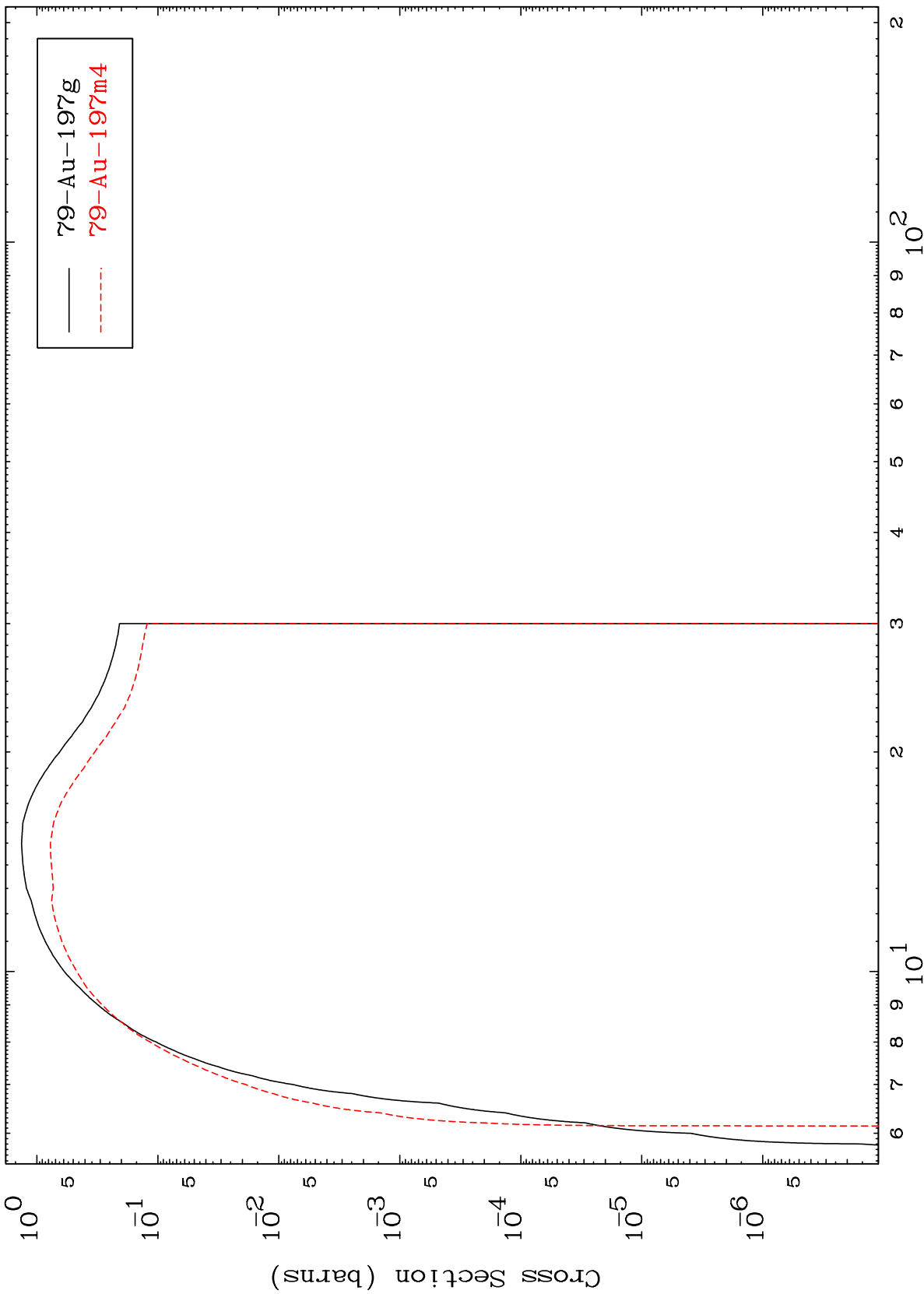


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79-Au-198

(n,2n)

Radionuclide Production Cross Section



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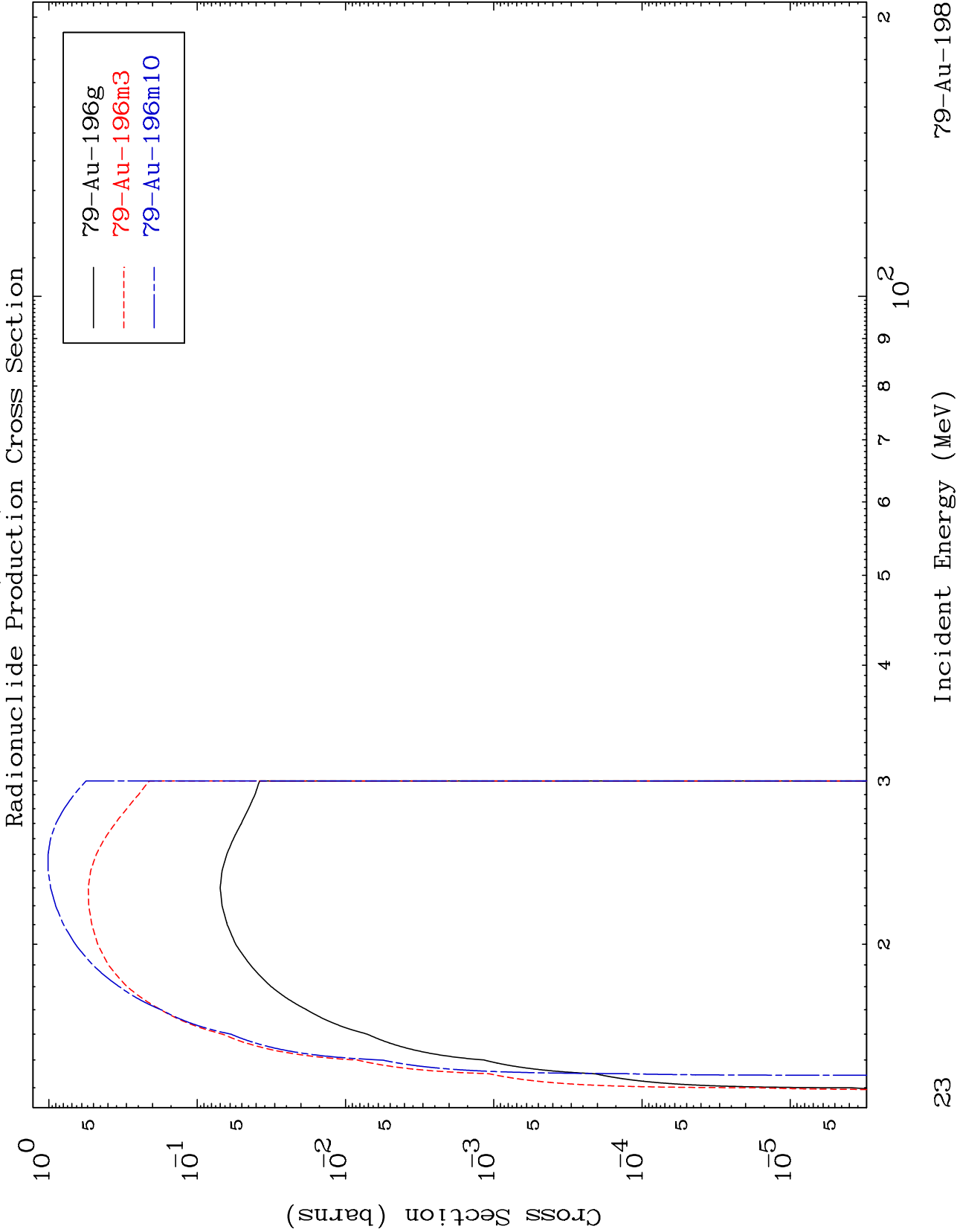
Incident Energy (MeV)

79-Au-198

MAT 7929

(n,3n)

79-Au-198



23

79-Au-198

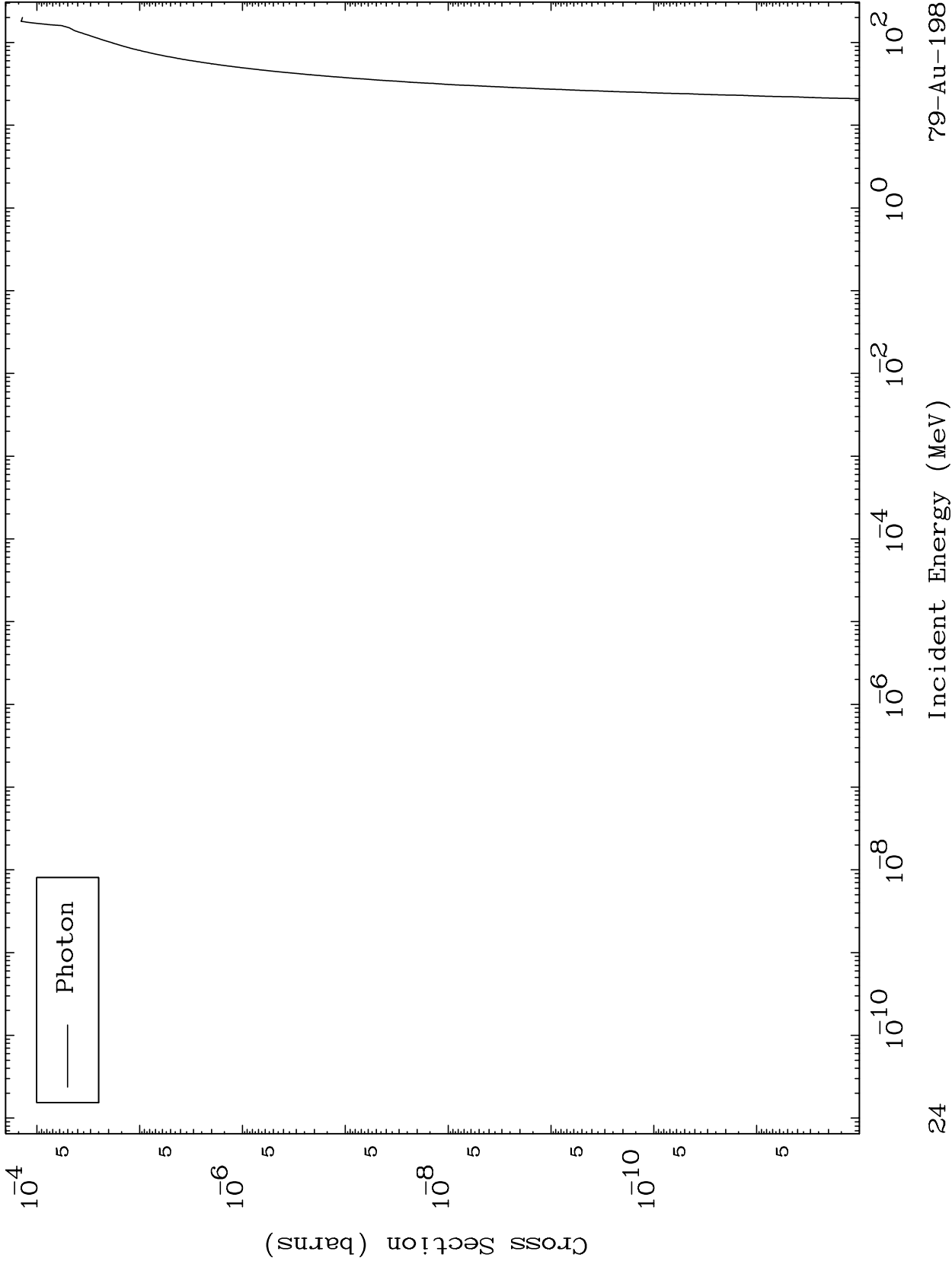


MAT 7929

Fission

79-Au-198

Radionuclide Production Cross Section

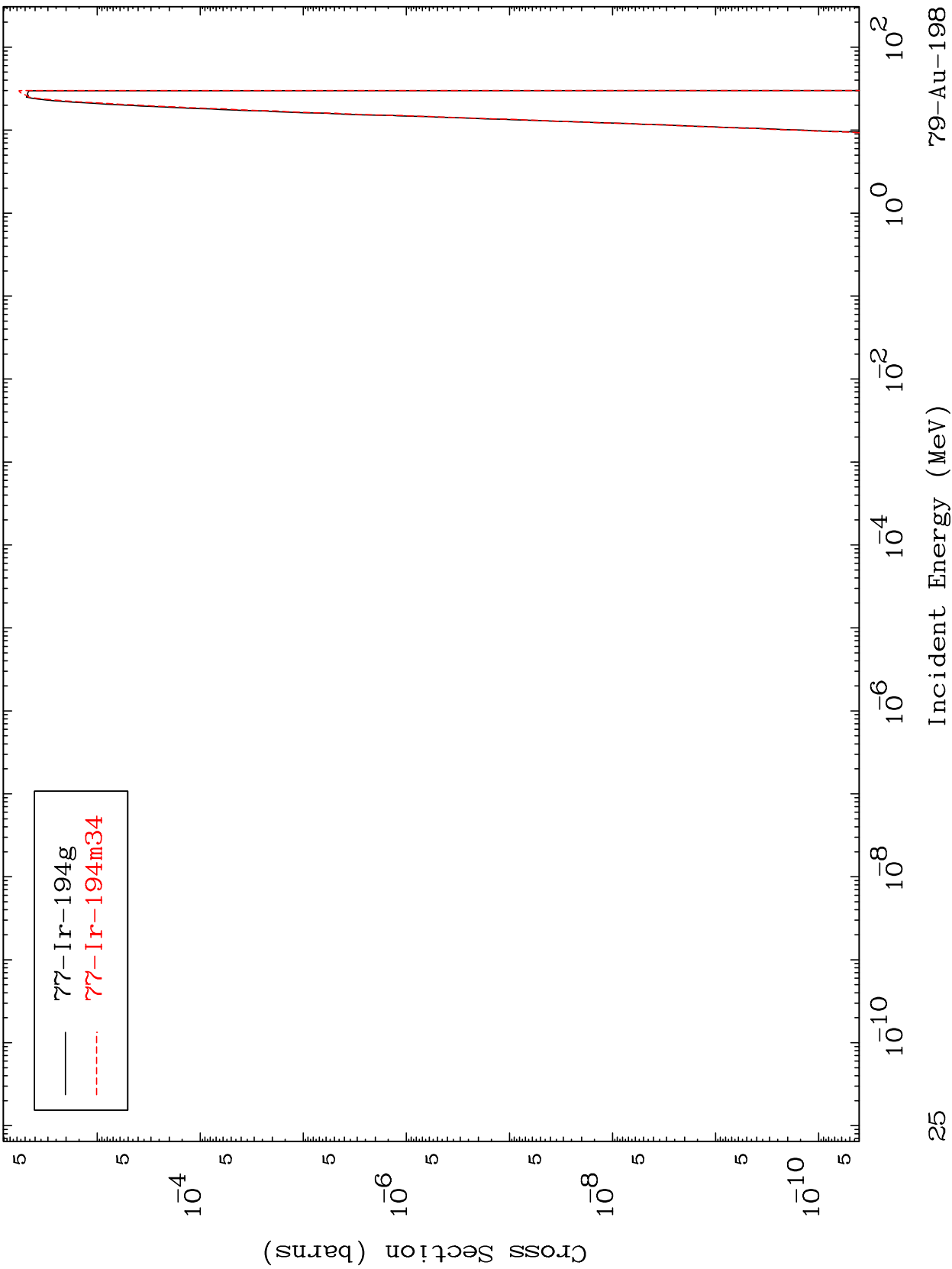


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$(n, n') \alpha$

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

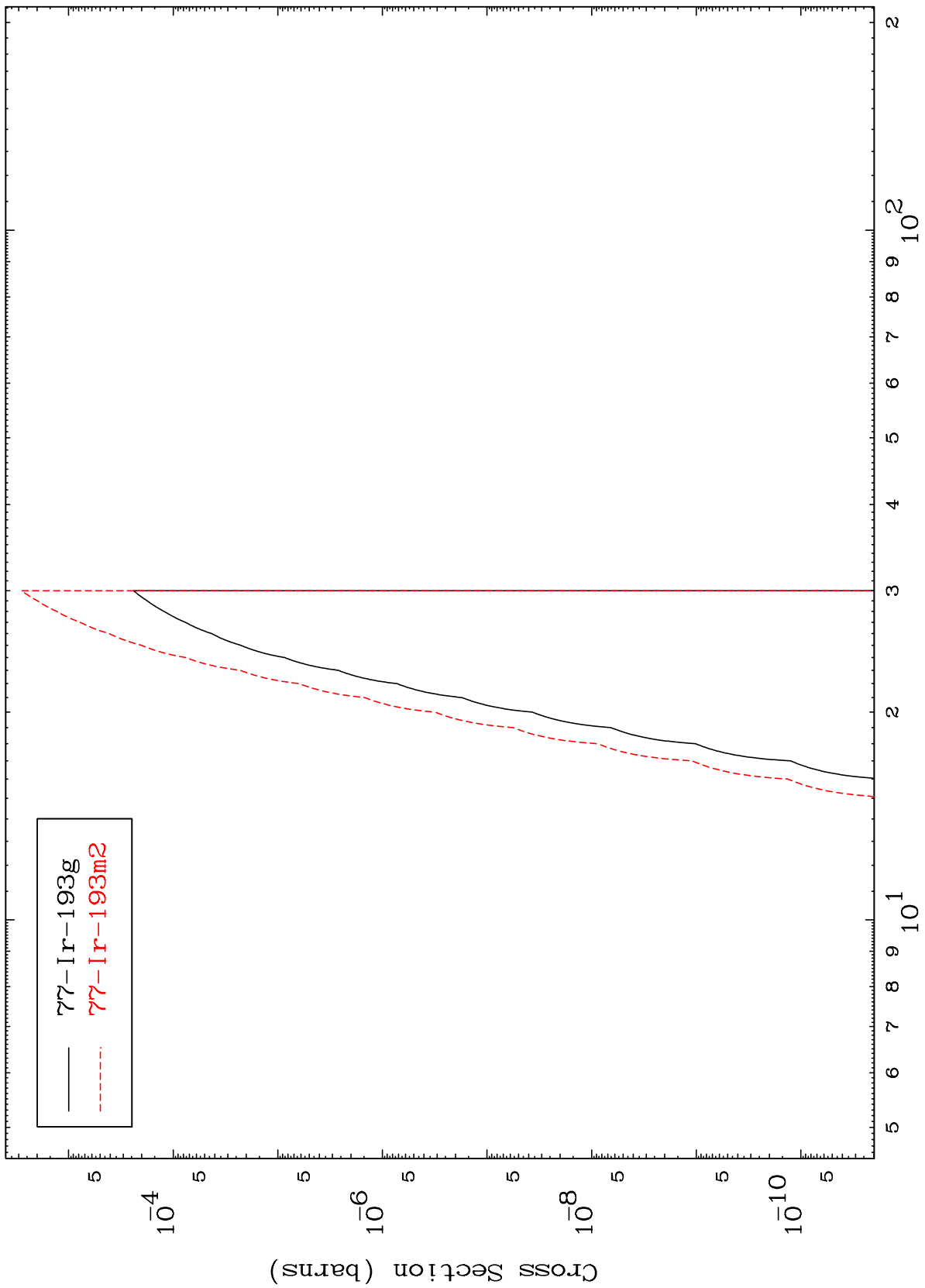
Radionuclide Production Cross Section



MAT 7929

79-Au-198

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

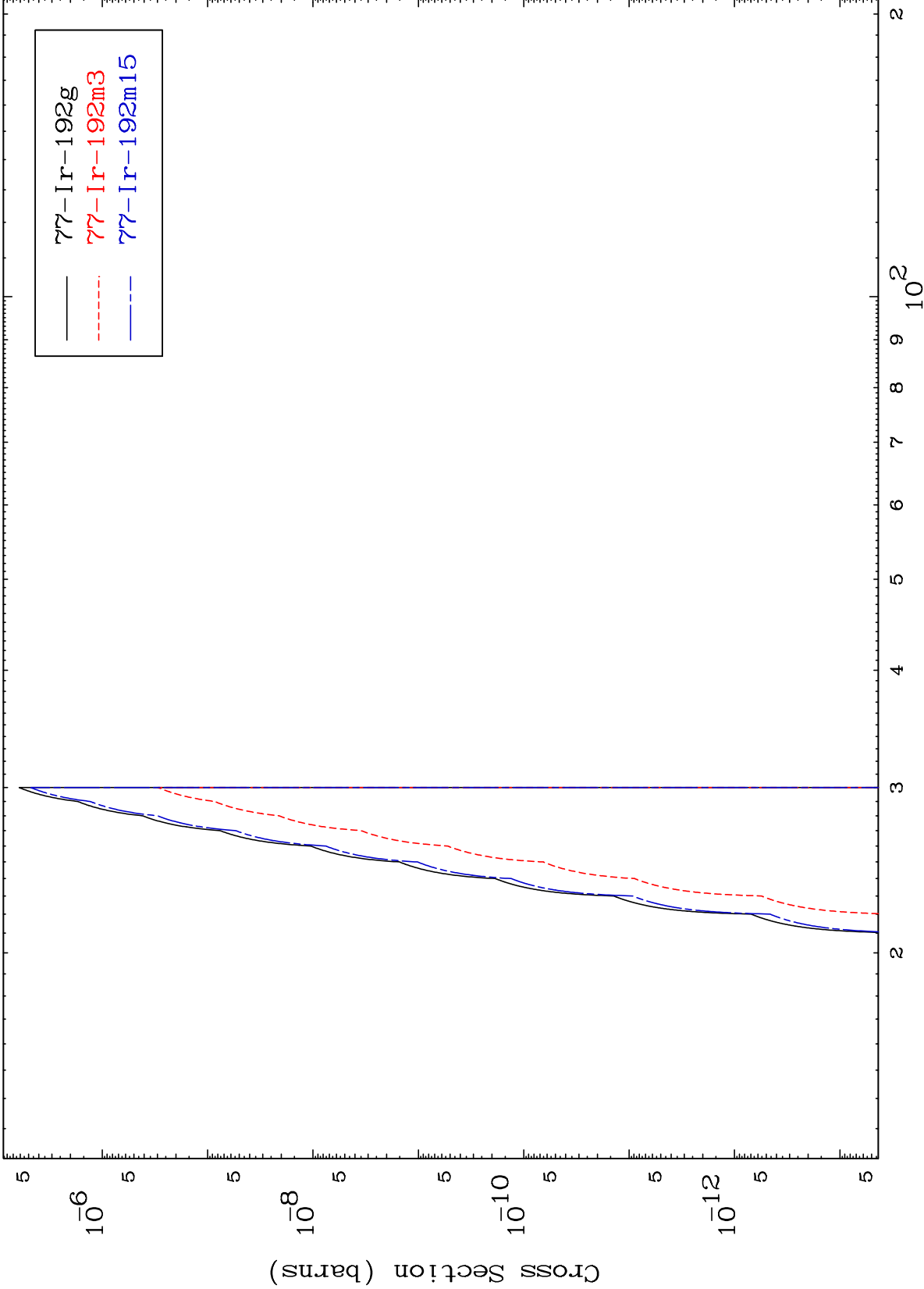


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Incident Energy (MeV)

79-Au-198

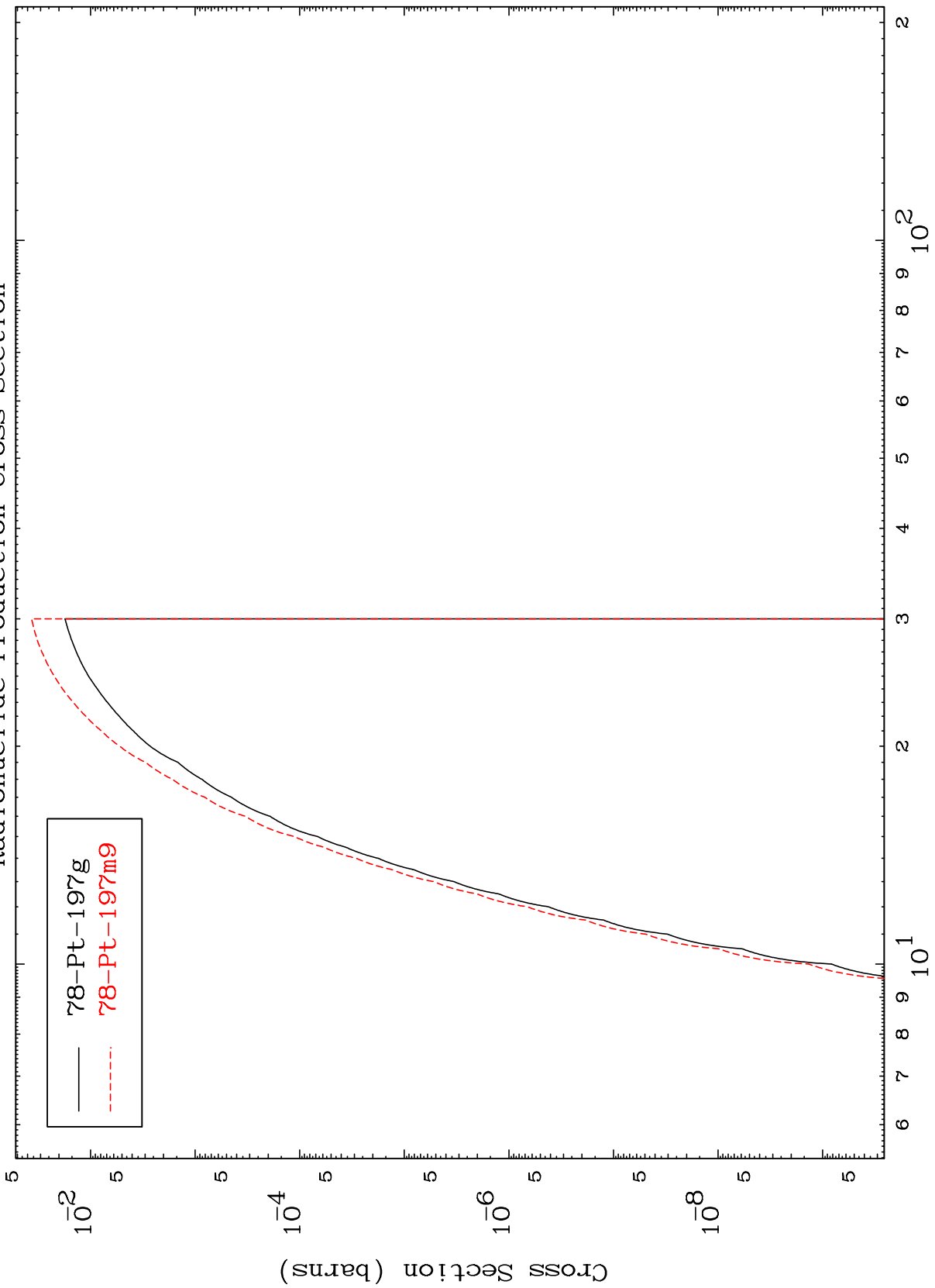
Radionuclide Production Cross Section



MAT 7929

79-Au-198

(n,n') p  
Radionuclide Production Cross Section



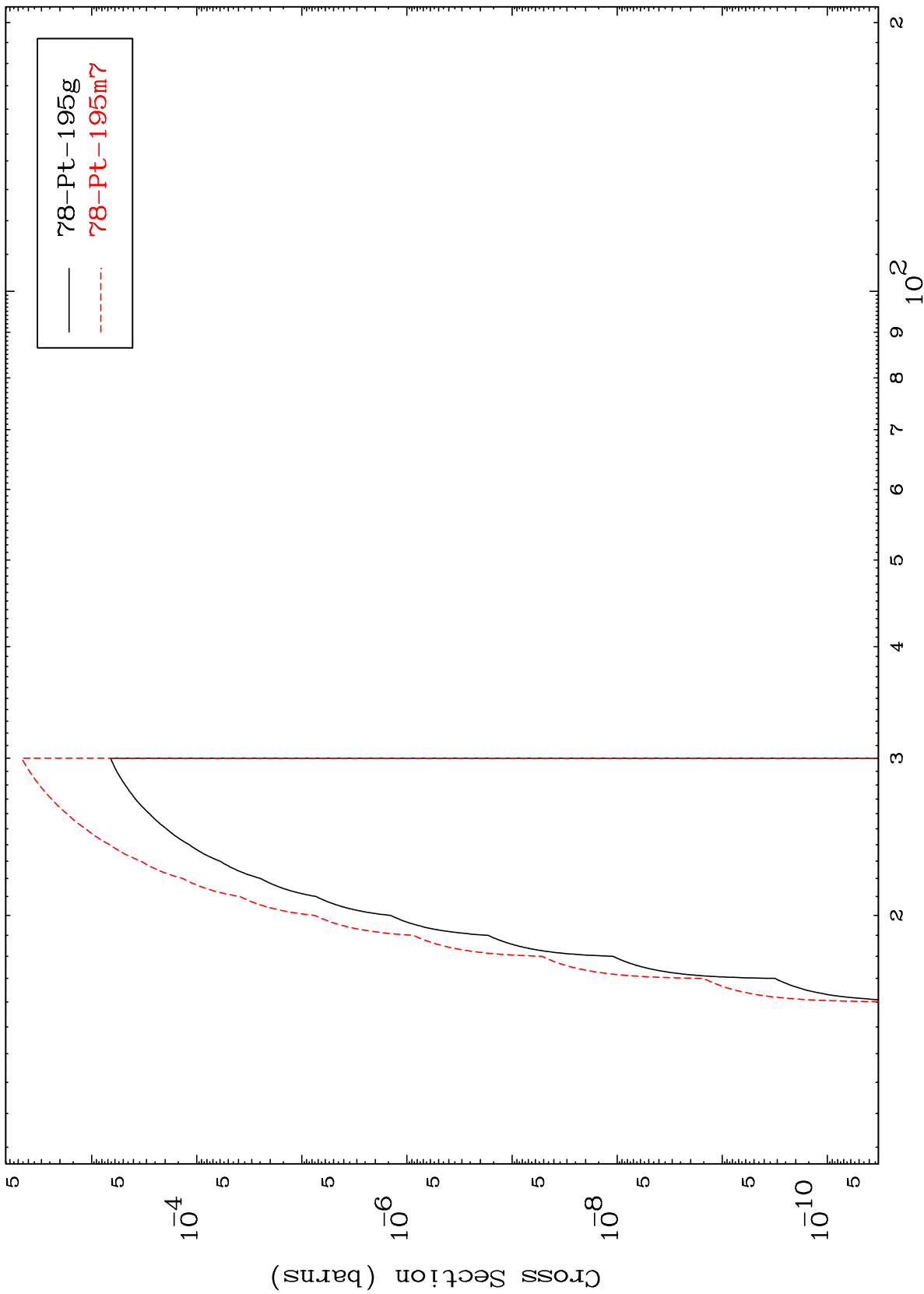
78-Pt-197g  
78-Pt-197m9

28

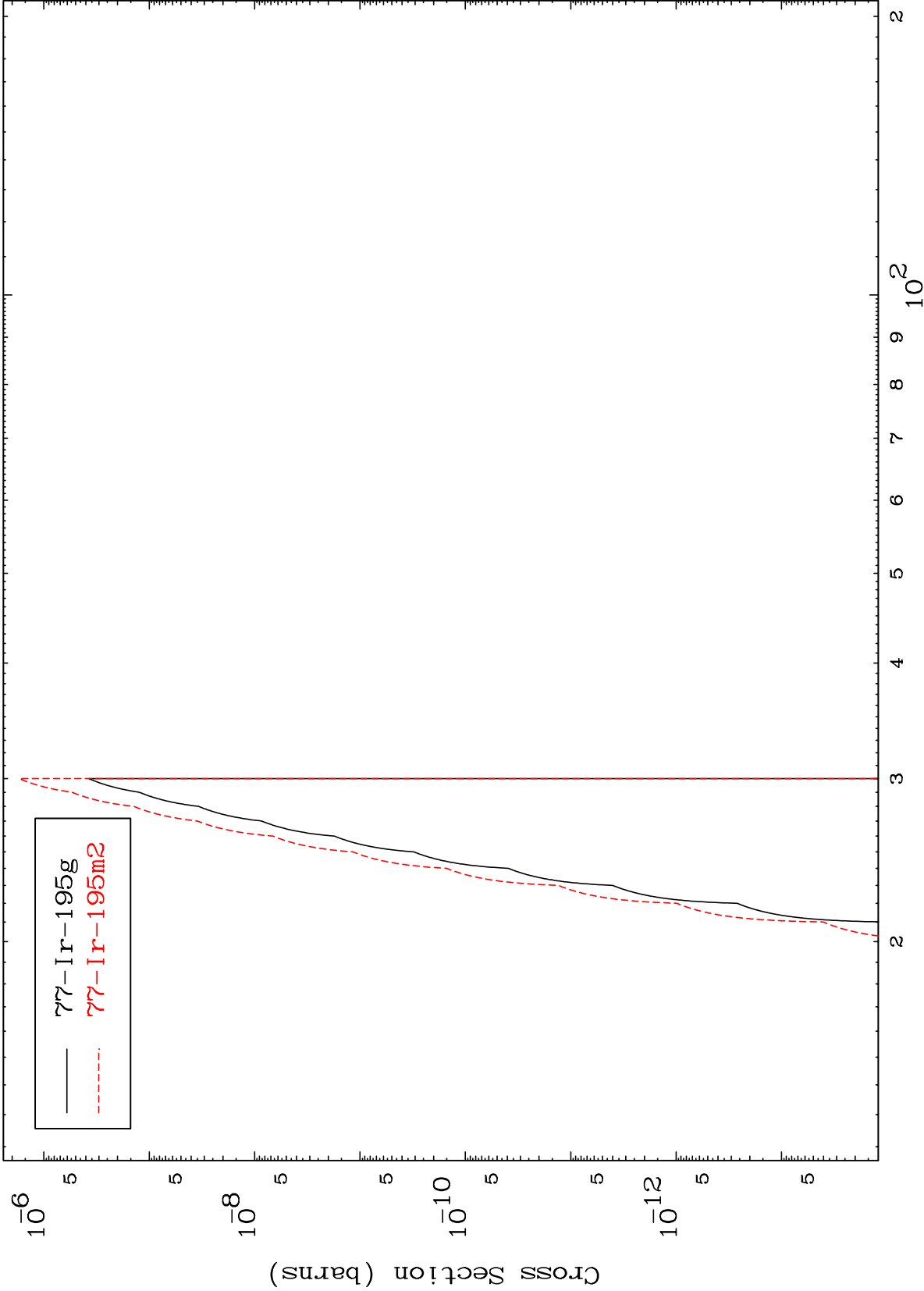
Incident Energy (MeV)

79-Au-198

Radionuclide Production Cross Section



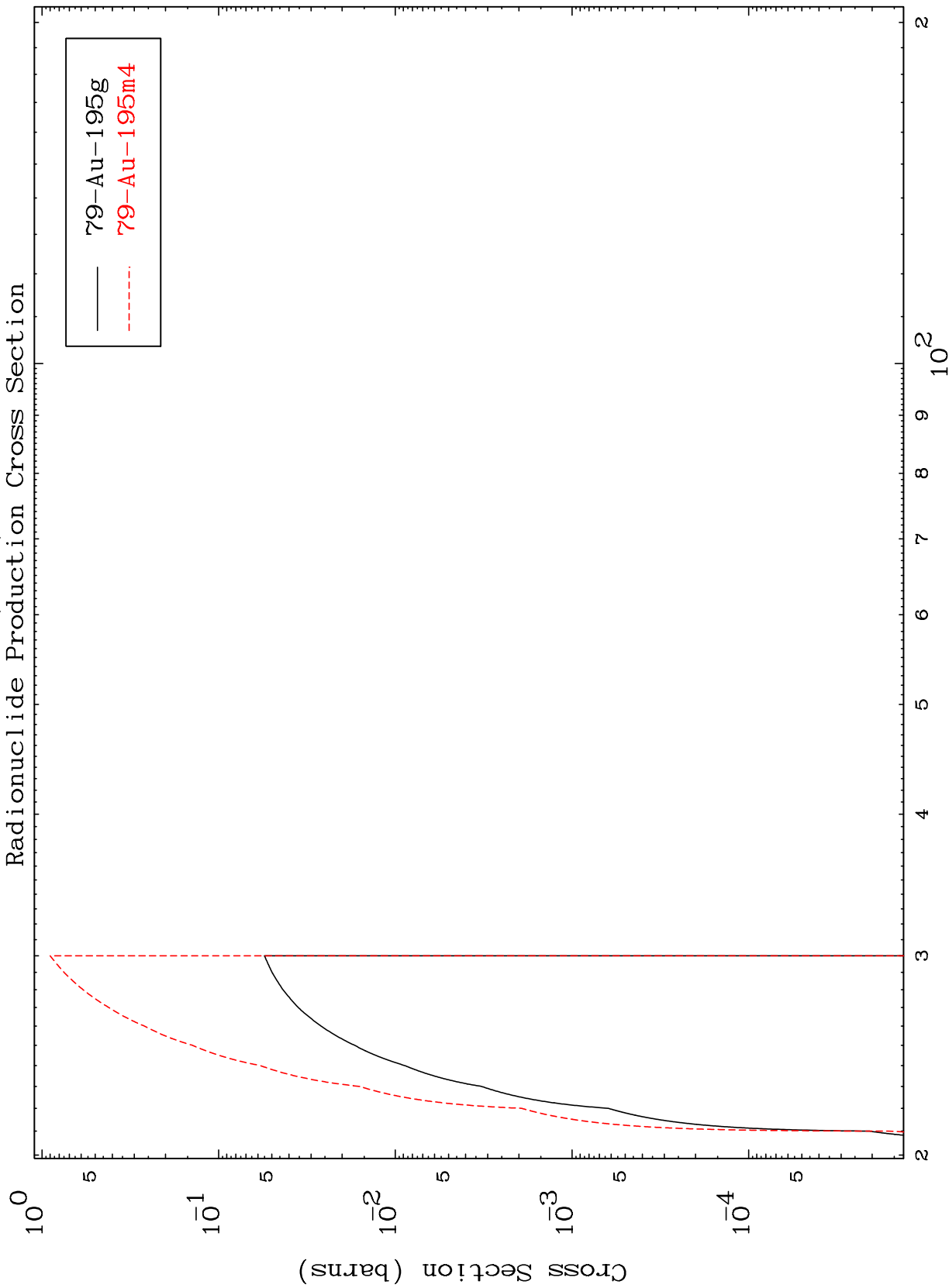
Radionuclide Production Cross Section



MAT 7929

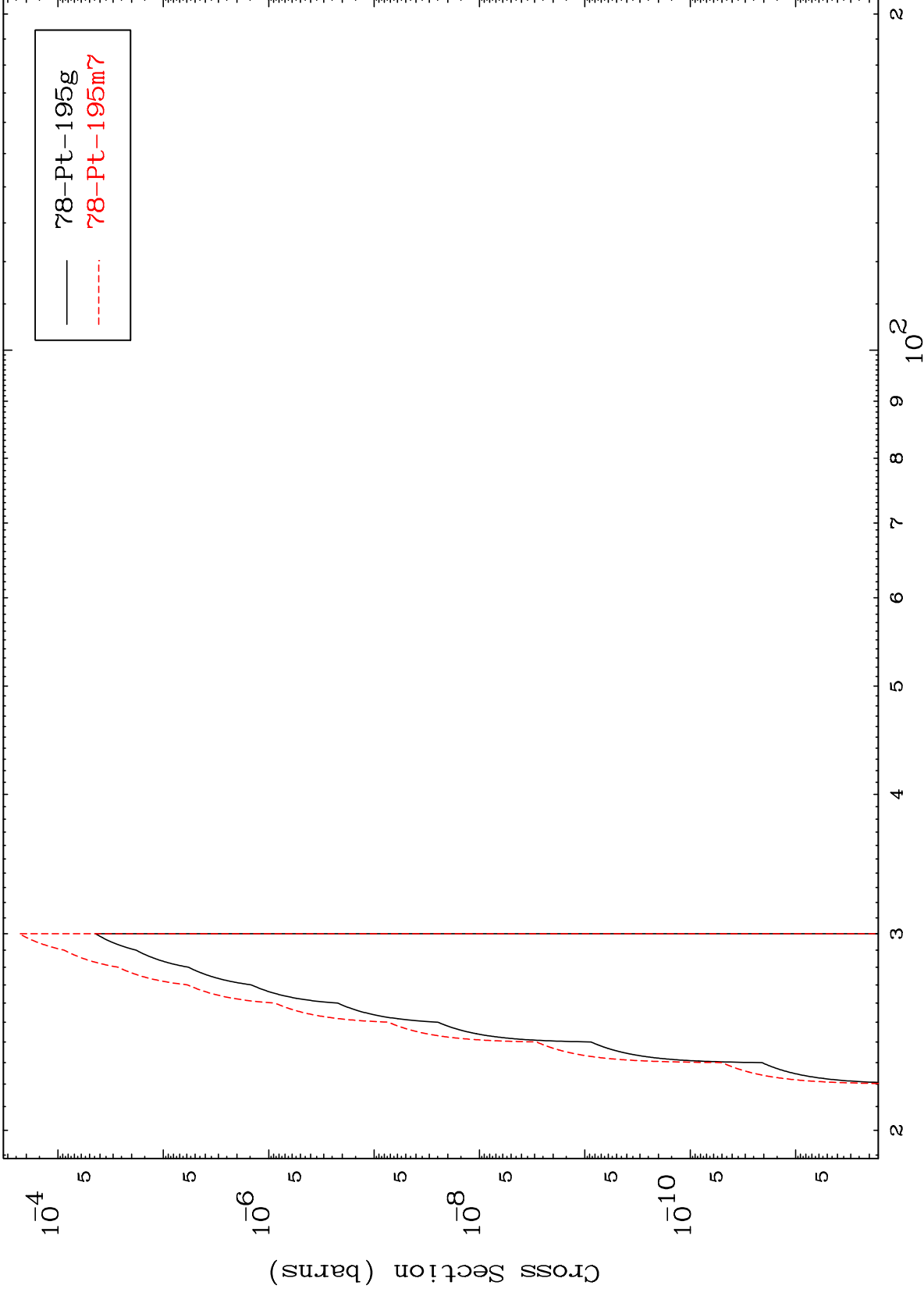
79-Au-198

(n,4n)  
Radionuclide Production Cross Section



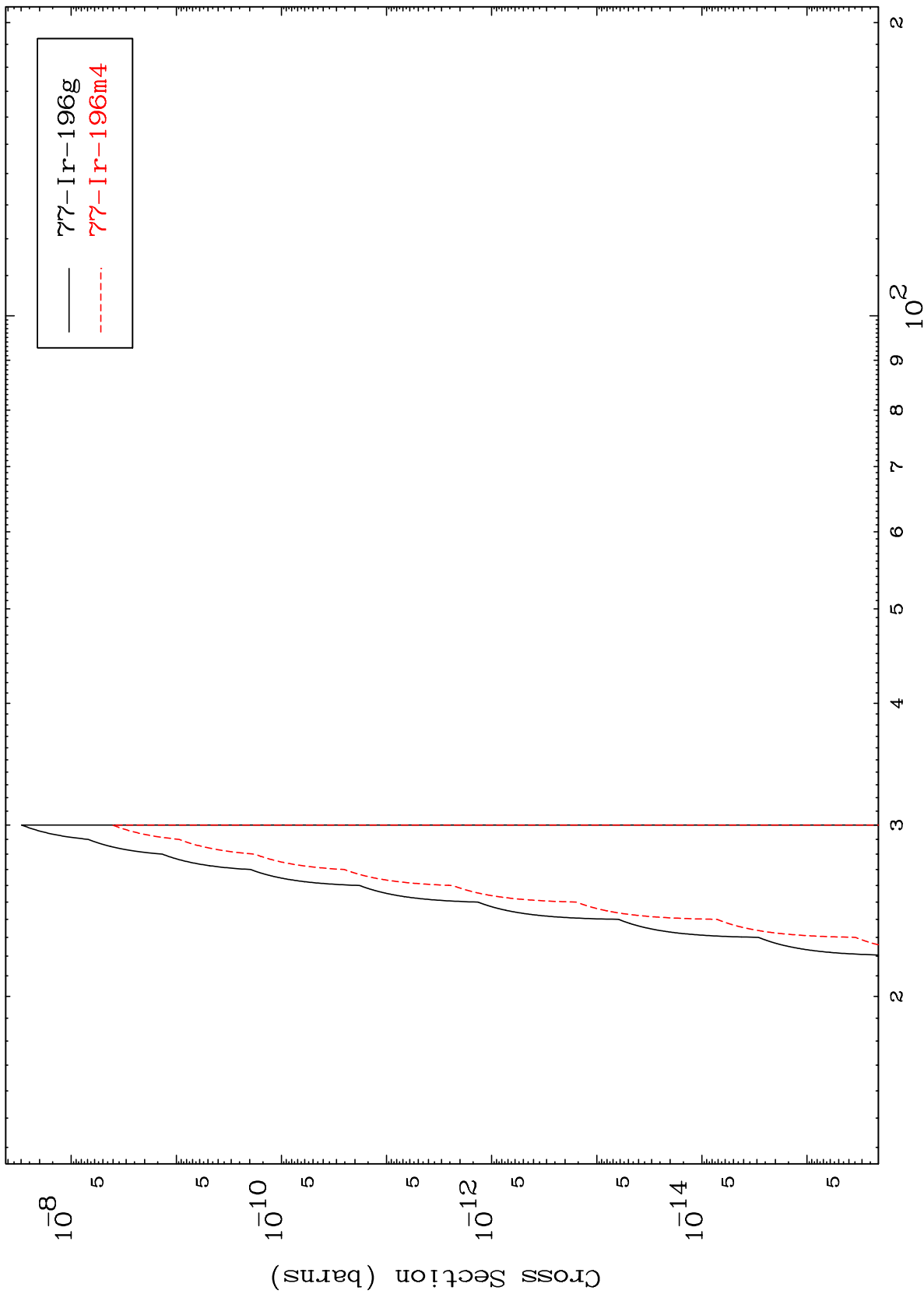


Radionuclide Production Cross Section



78-Pt-195g  
78-Pt-195m7

(n,2n) p  
Radionuclide Production Cross Section

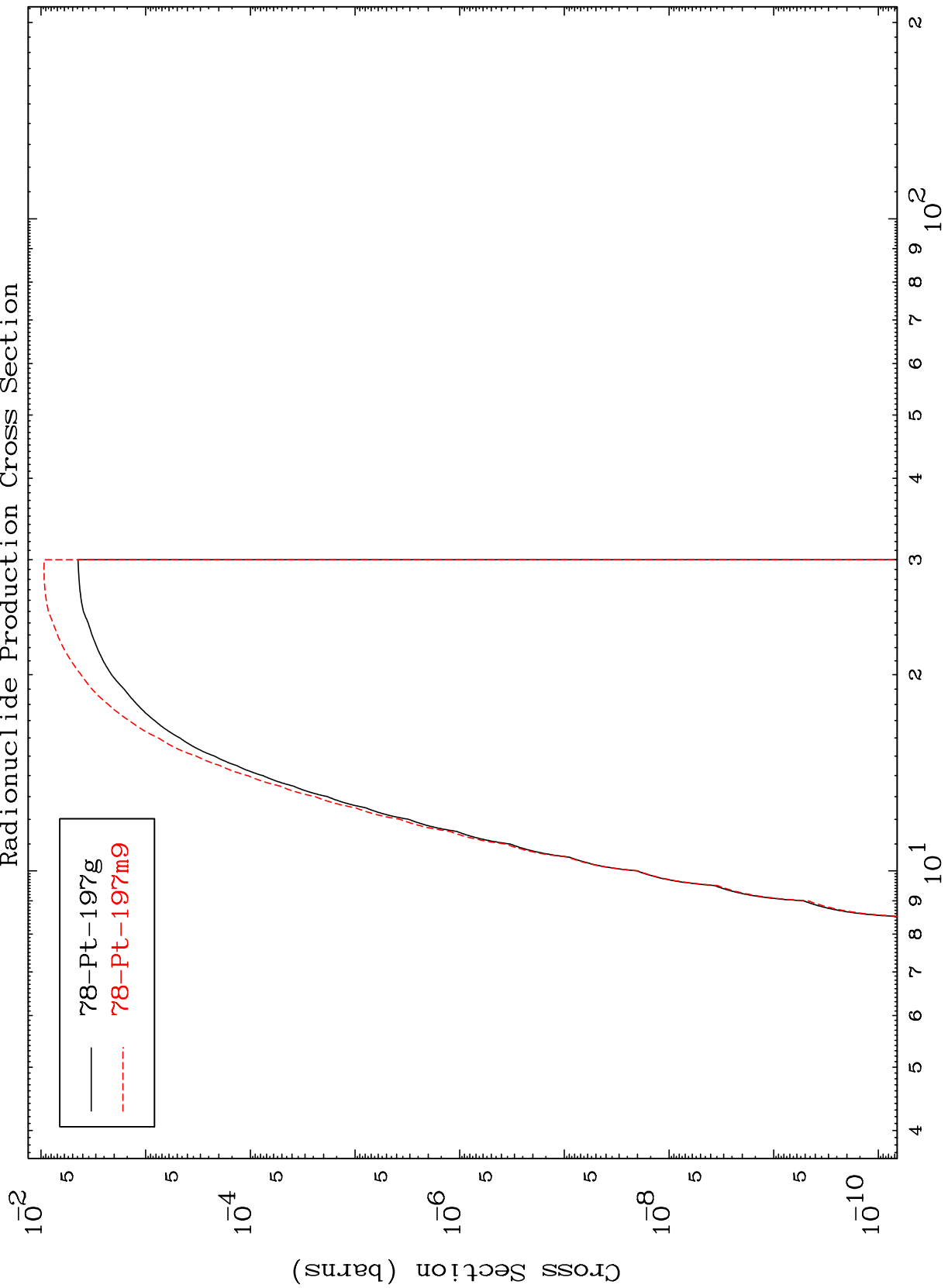


— <sup>77</sup>Ir-196g  
- - - <sup>77</sup>Ir-196m4

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79-Au-198

Radionuclide Production Cross Section (n,d)



79-Au-198

Incident Energy (MeV)

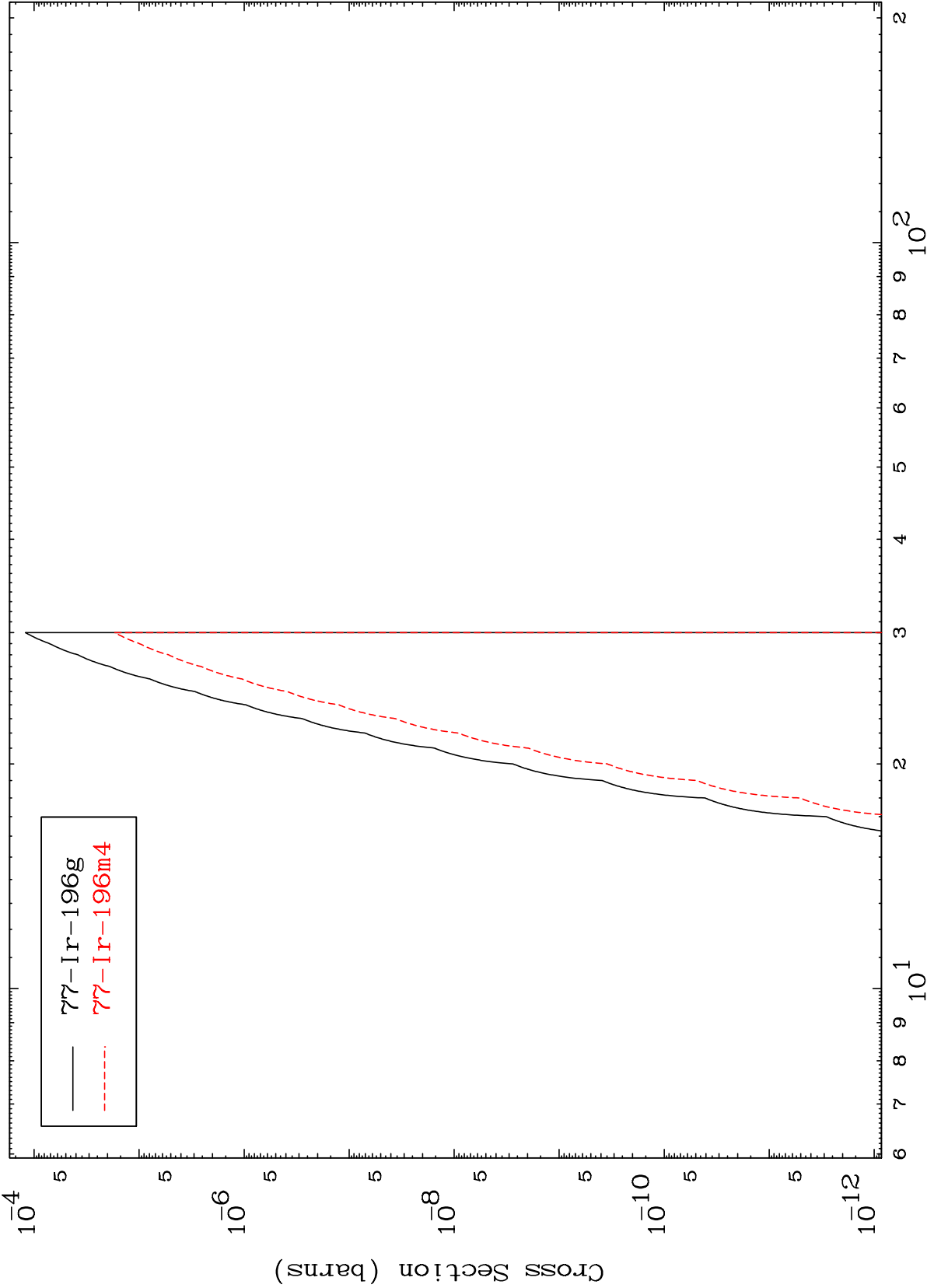
34

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(n,He-3)

79-Au-198

Radionuclide Production Cross Section



35

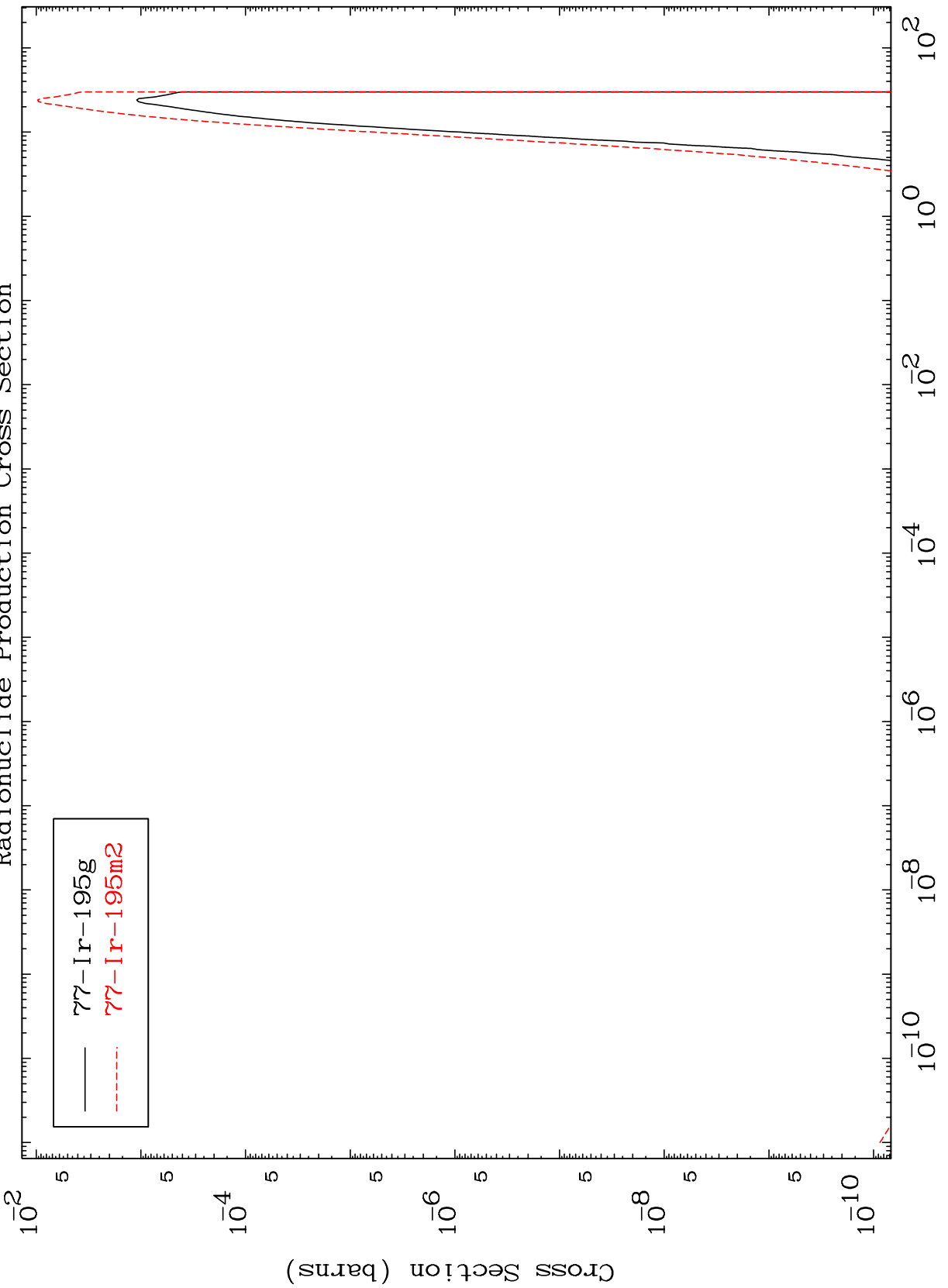
Incident Energy (MeV)

79-Au-198

MAT 7929

79-Au-198

Radionuclide Production Cross Section



79-Au-198

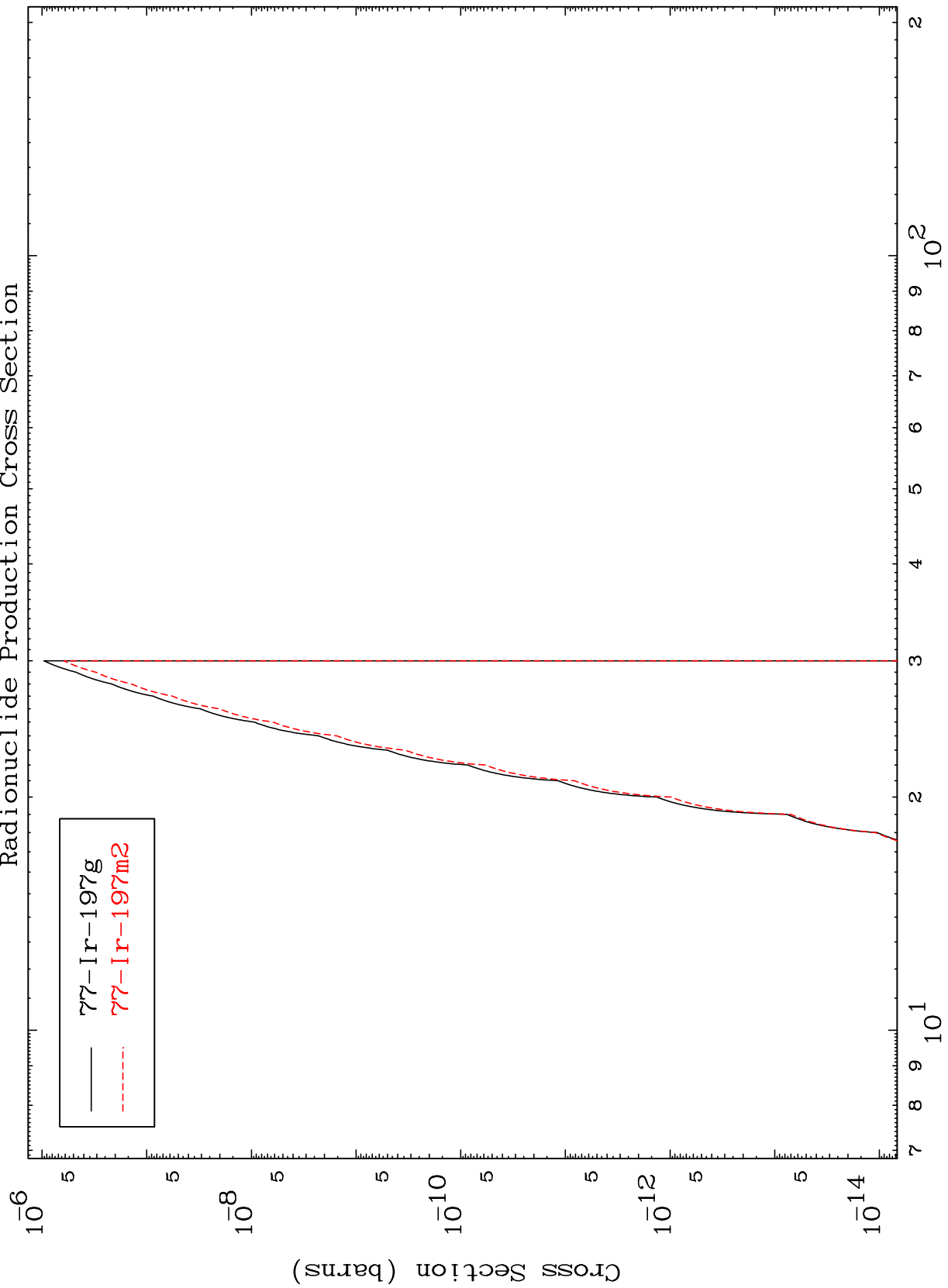
Incident Energy (MeV)

36

MAT 7929

79-Au-198

Radionuclide Production Cross Section  
(n,2p)



37

Incident Energy (MeV)

79-Au-198