

Program EVALPLOT  
(Version 2021-1)

by

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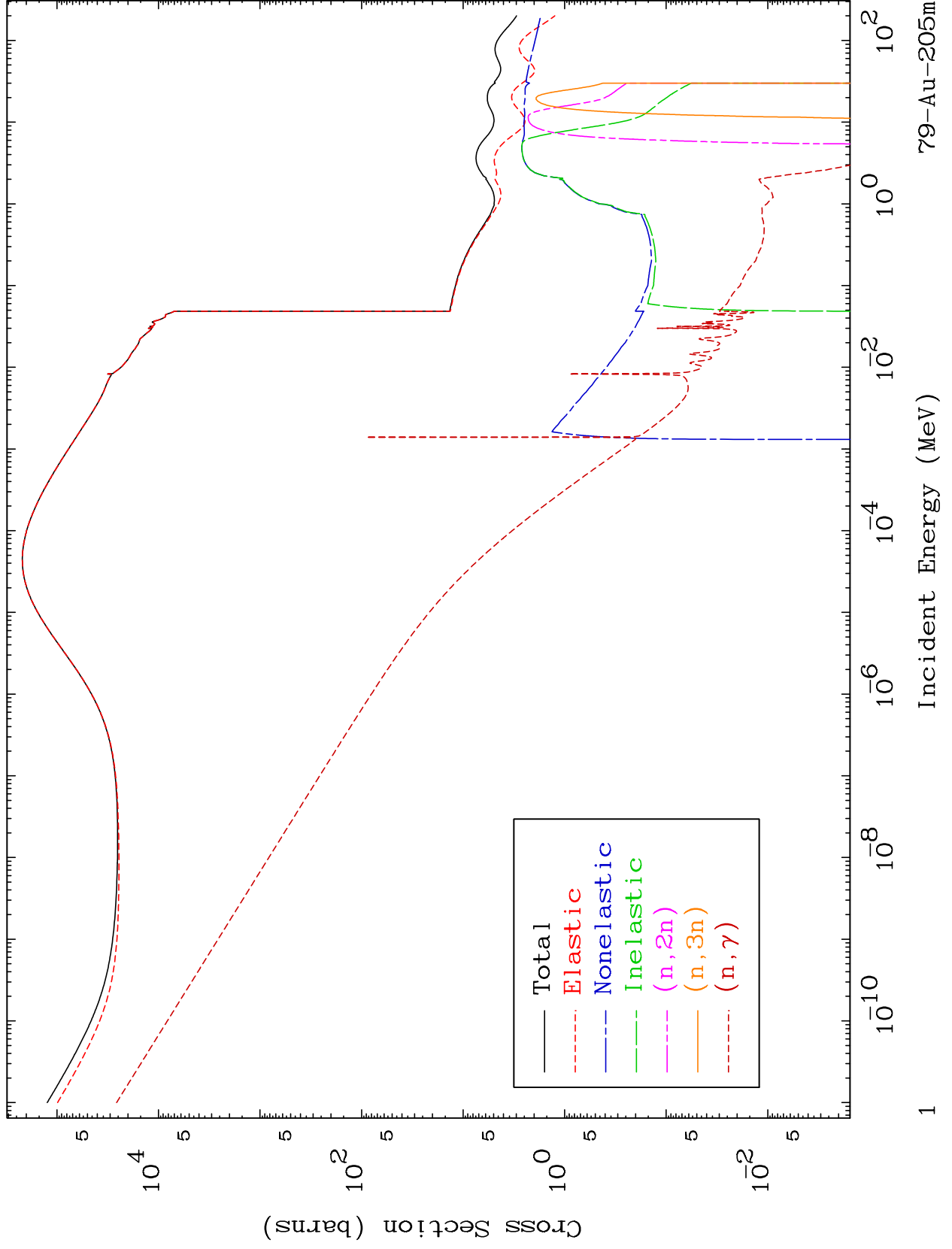
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7950

Neutron Major  
293 Kelvin Cross Sections

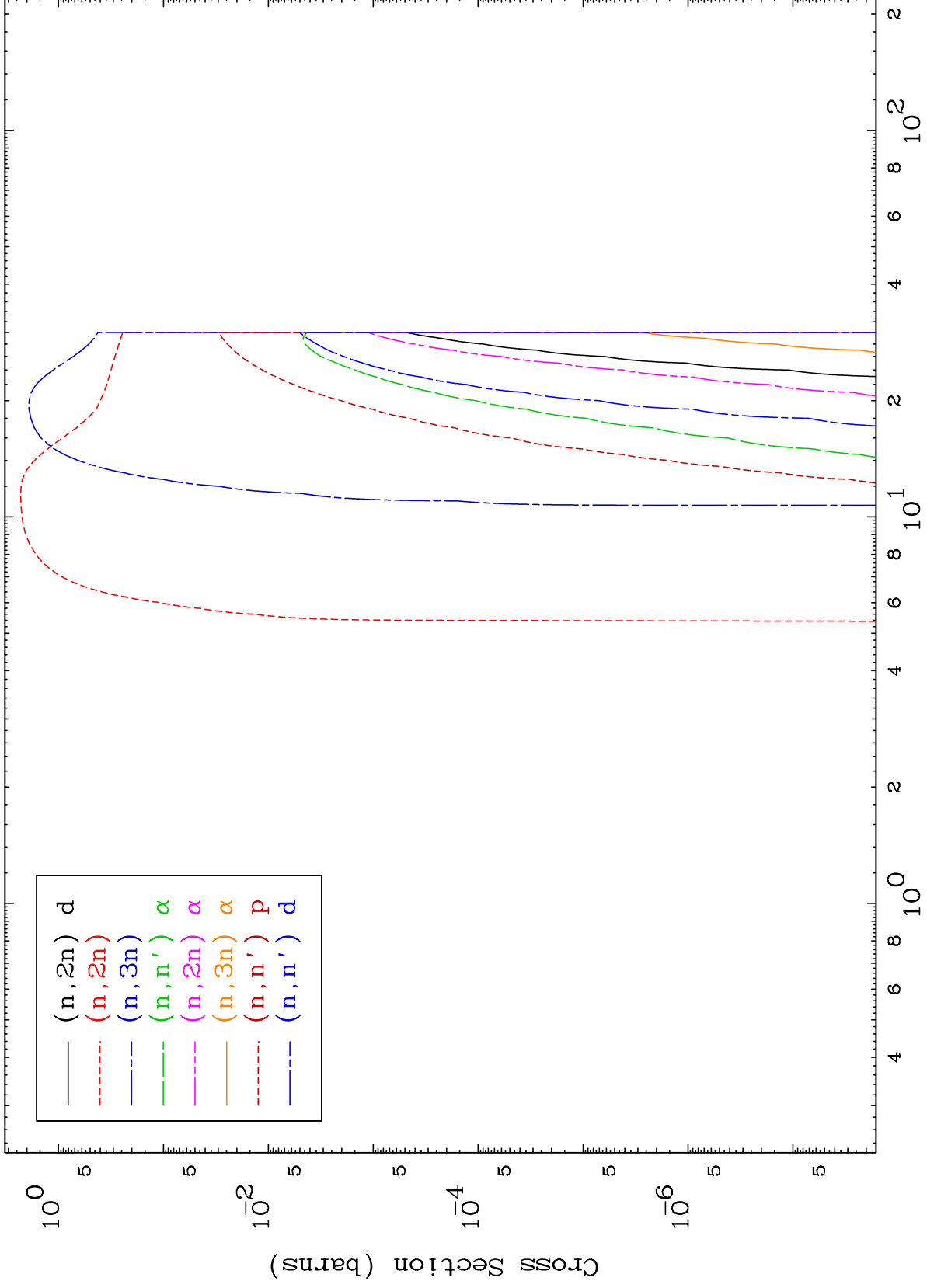
<sup>79</sup>Au-205m



MAT 7950

Neutron Absorption  
293 Kelvin Cross Sections

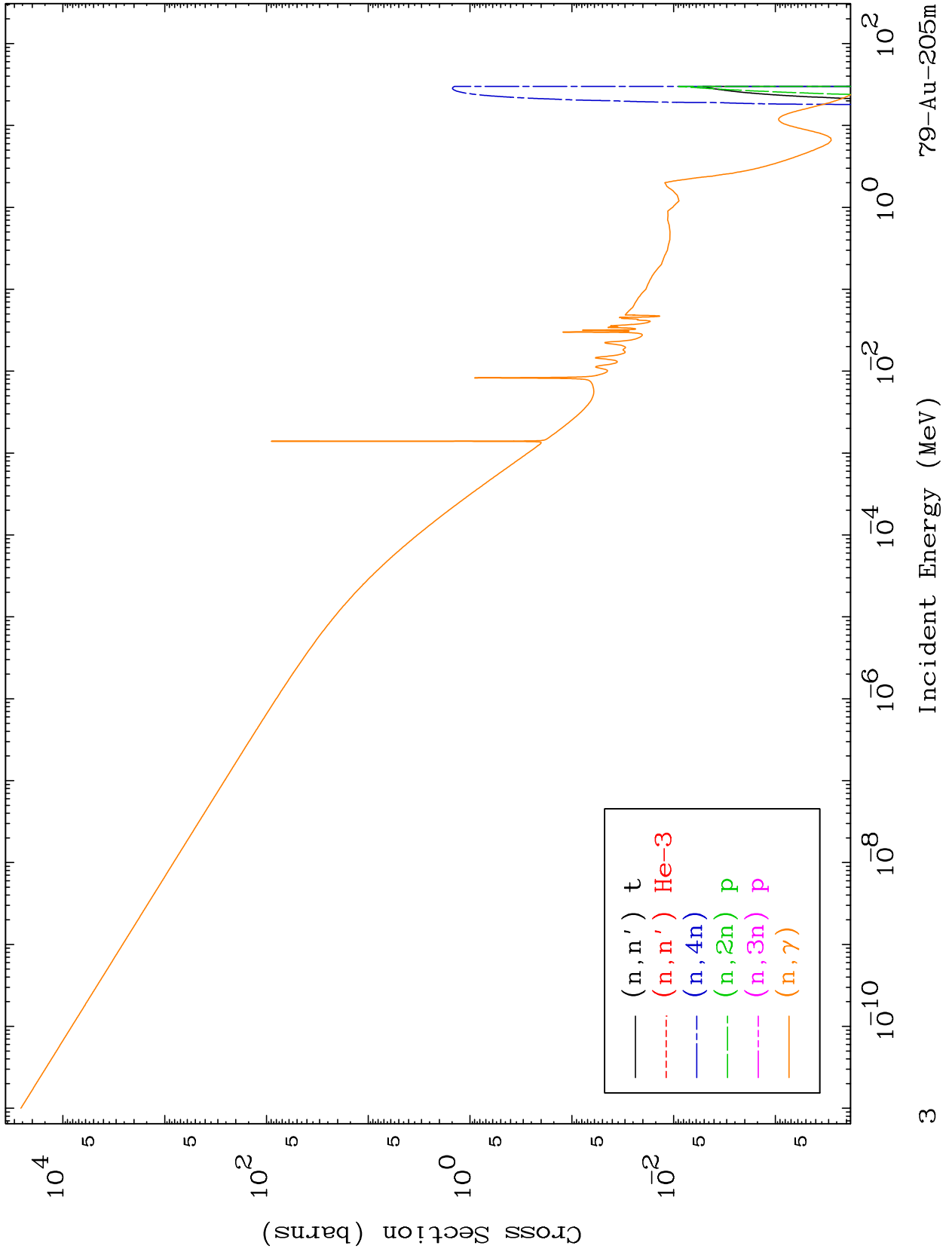
79-Au-205m

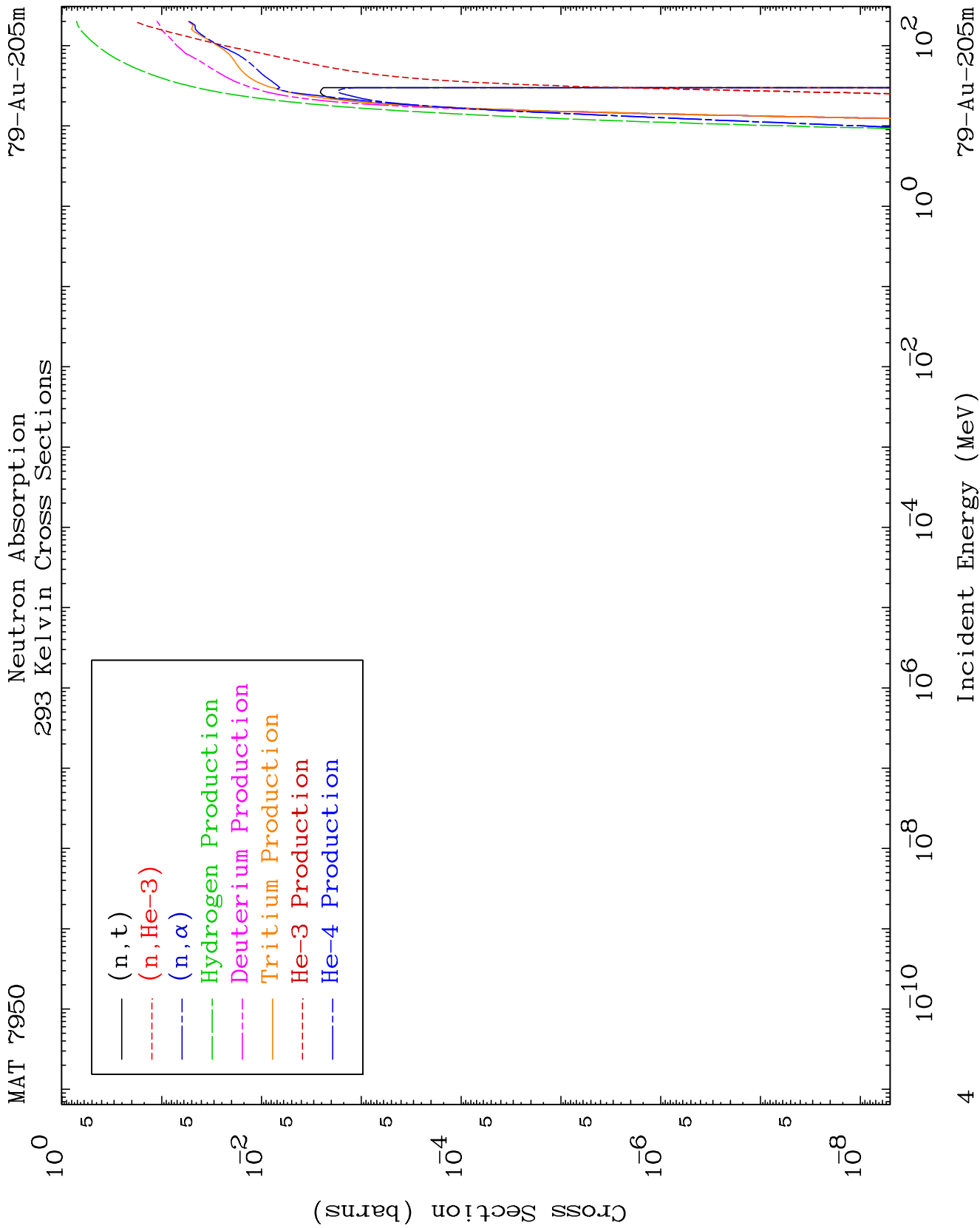


MAT 7950

Neutron Absorption  
293 Kelvin Cross Sections

<sup>79</sup>Au-205m

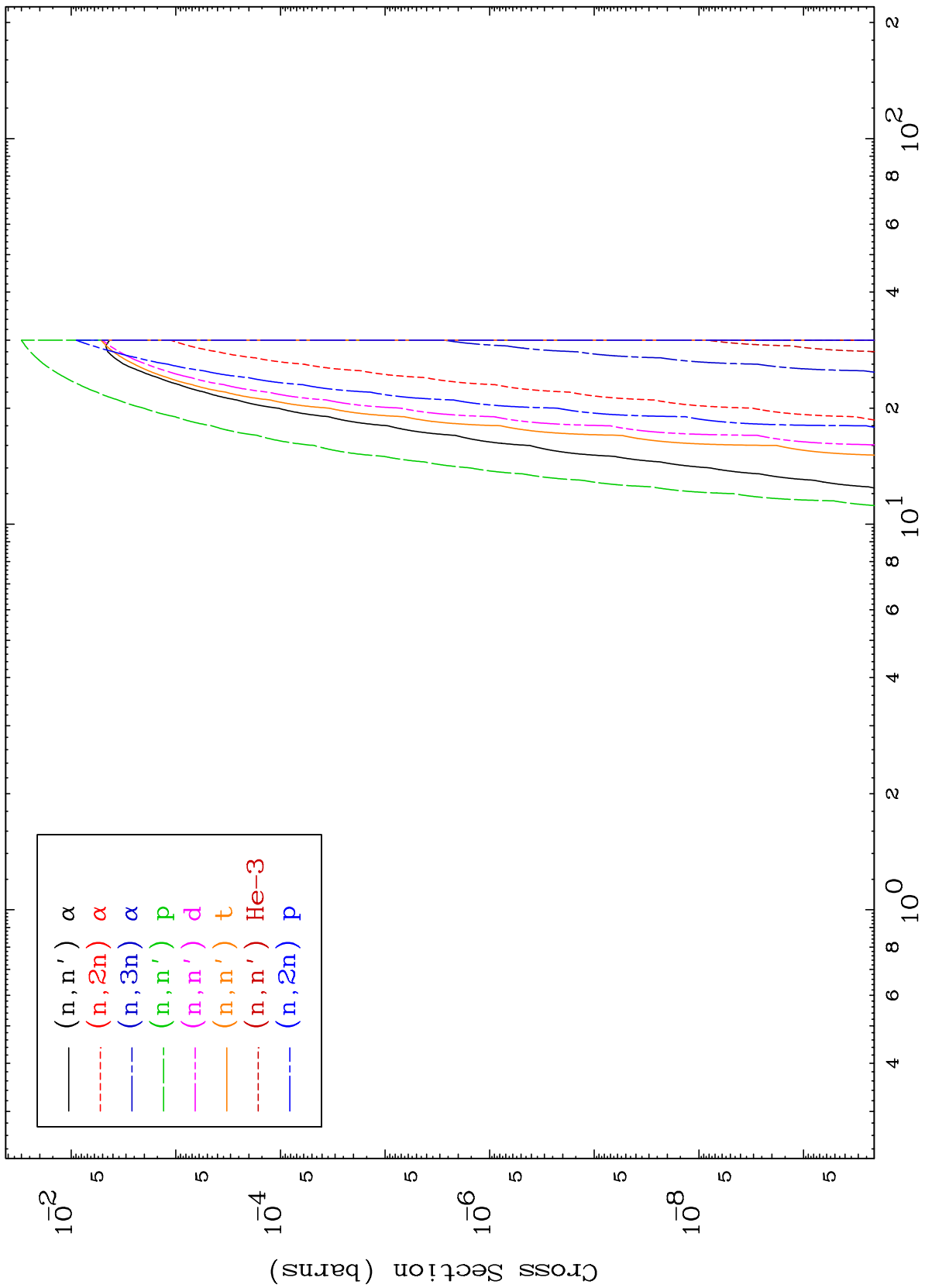




MAT 7950

Charged Particle  
293 Kelvin Cross Sections

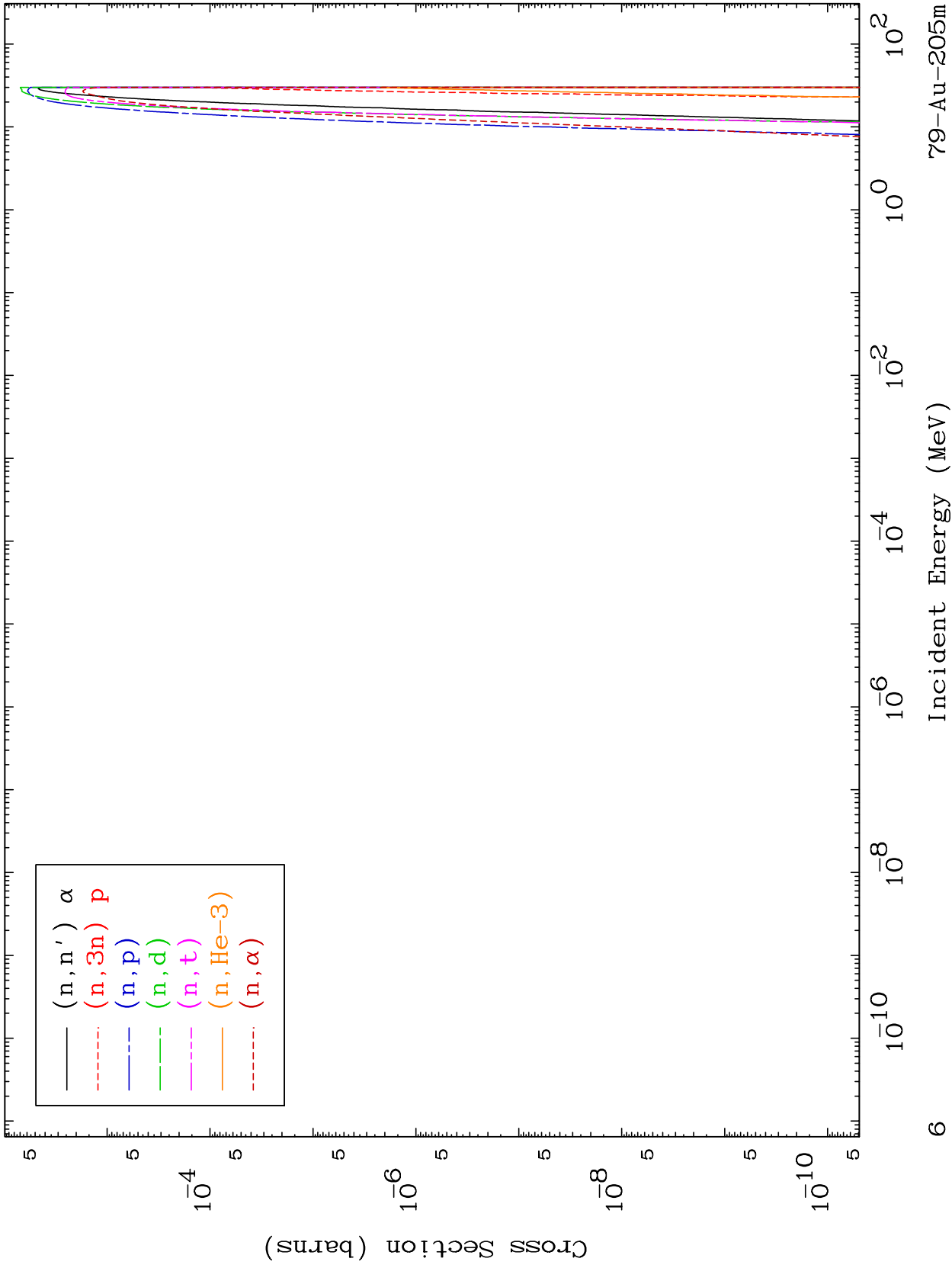
79-Au-205m

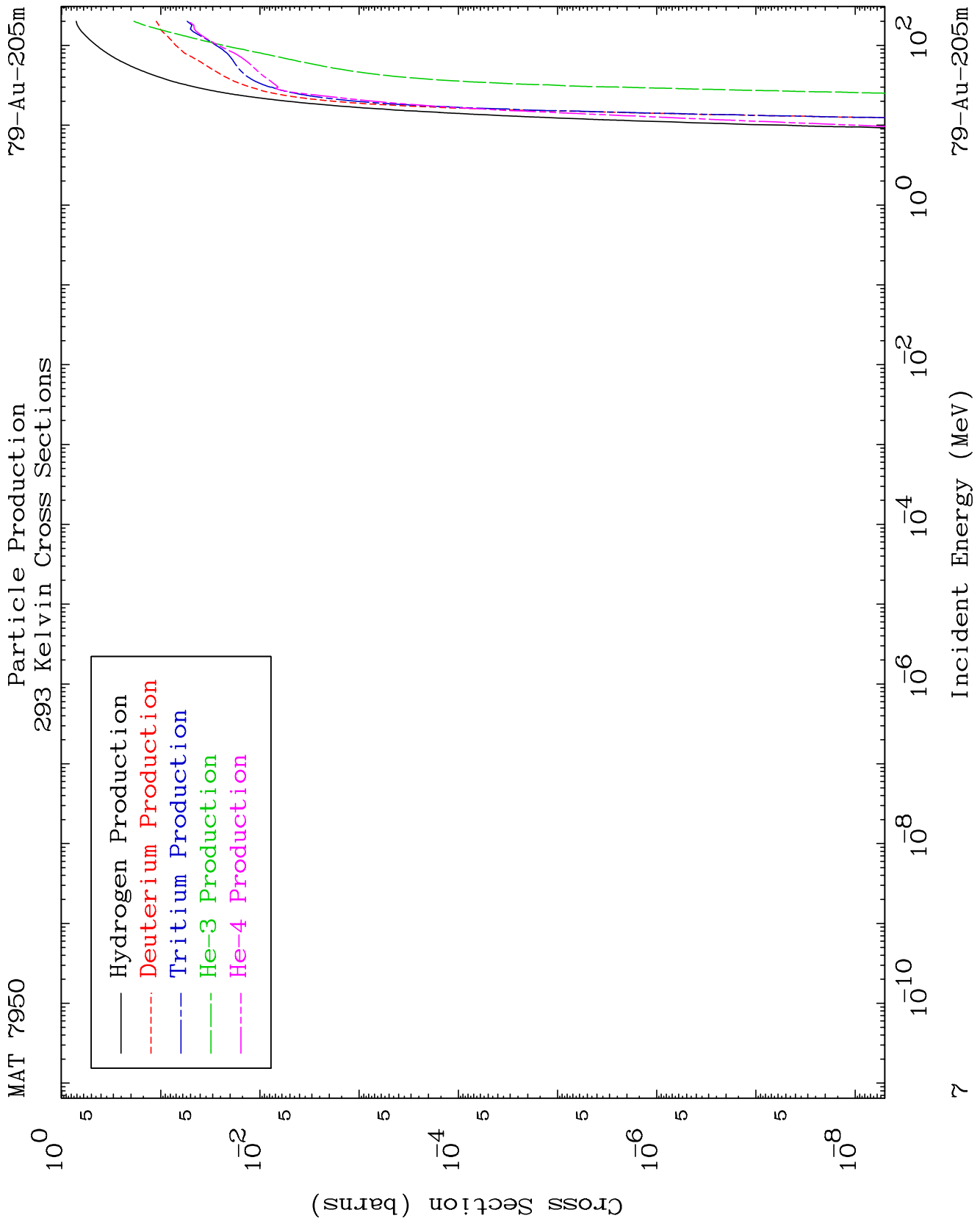


MAT 7950

Charged Particle  
293 Kelvin Cross Sections

79-Au-205m



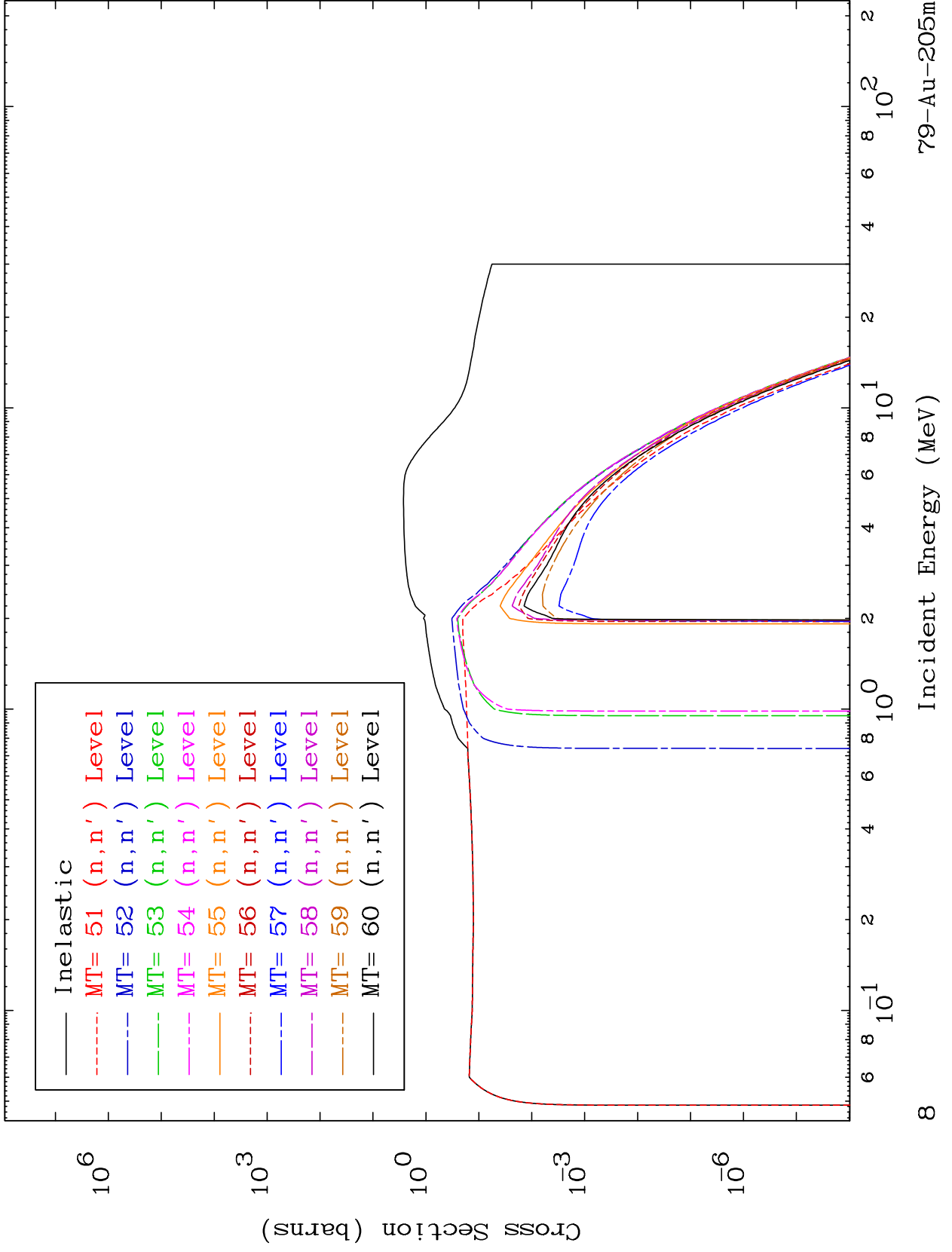




MAT 7950

(n,n') Levels  
293 Kelvin Cross Sections

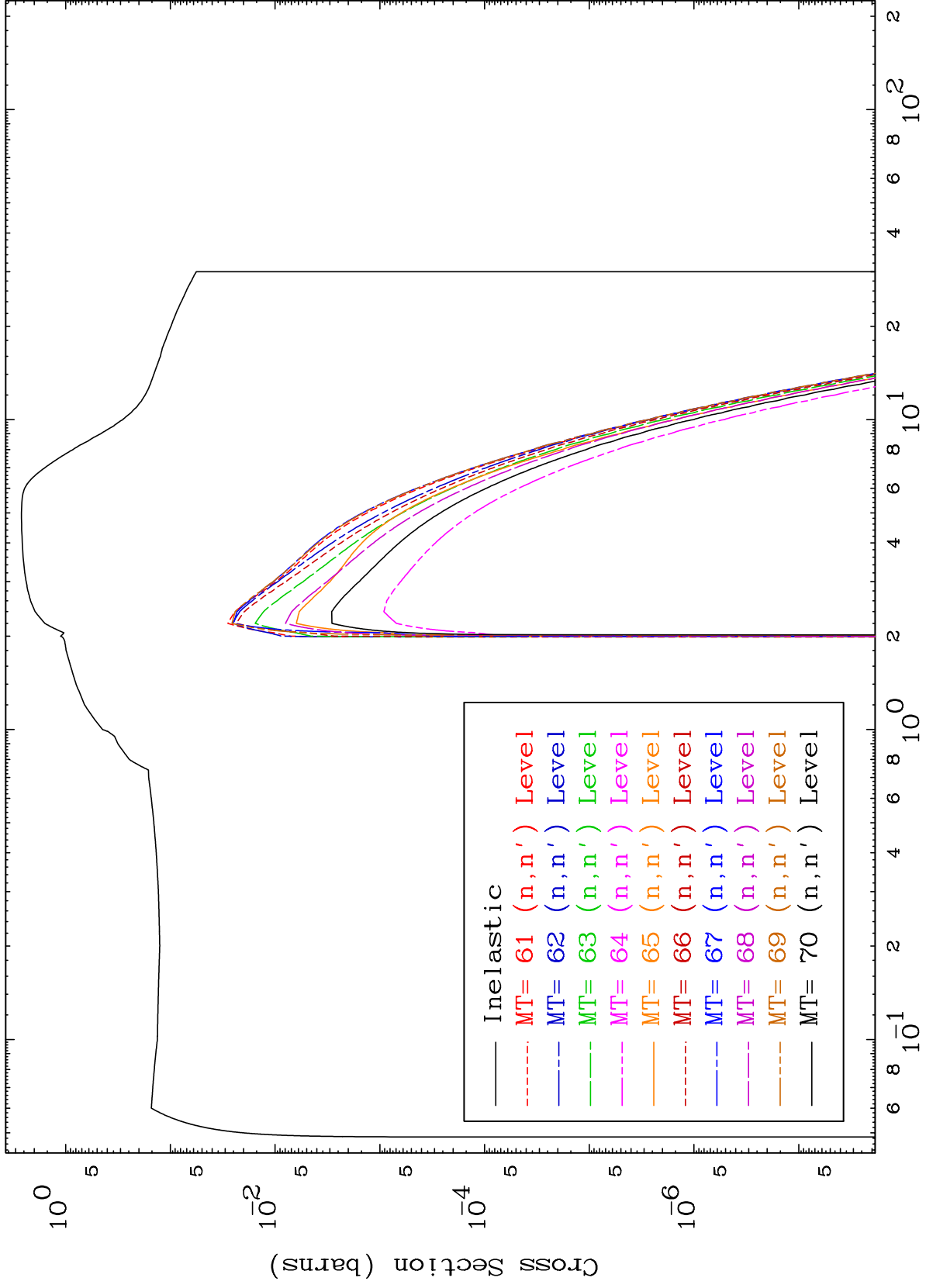
79-Au-205m



MAT 7950

(n,n') Levels  
293 Kelvin Cross Sections

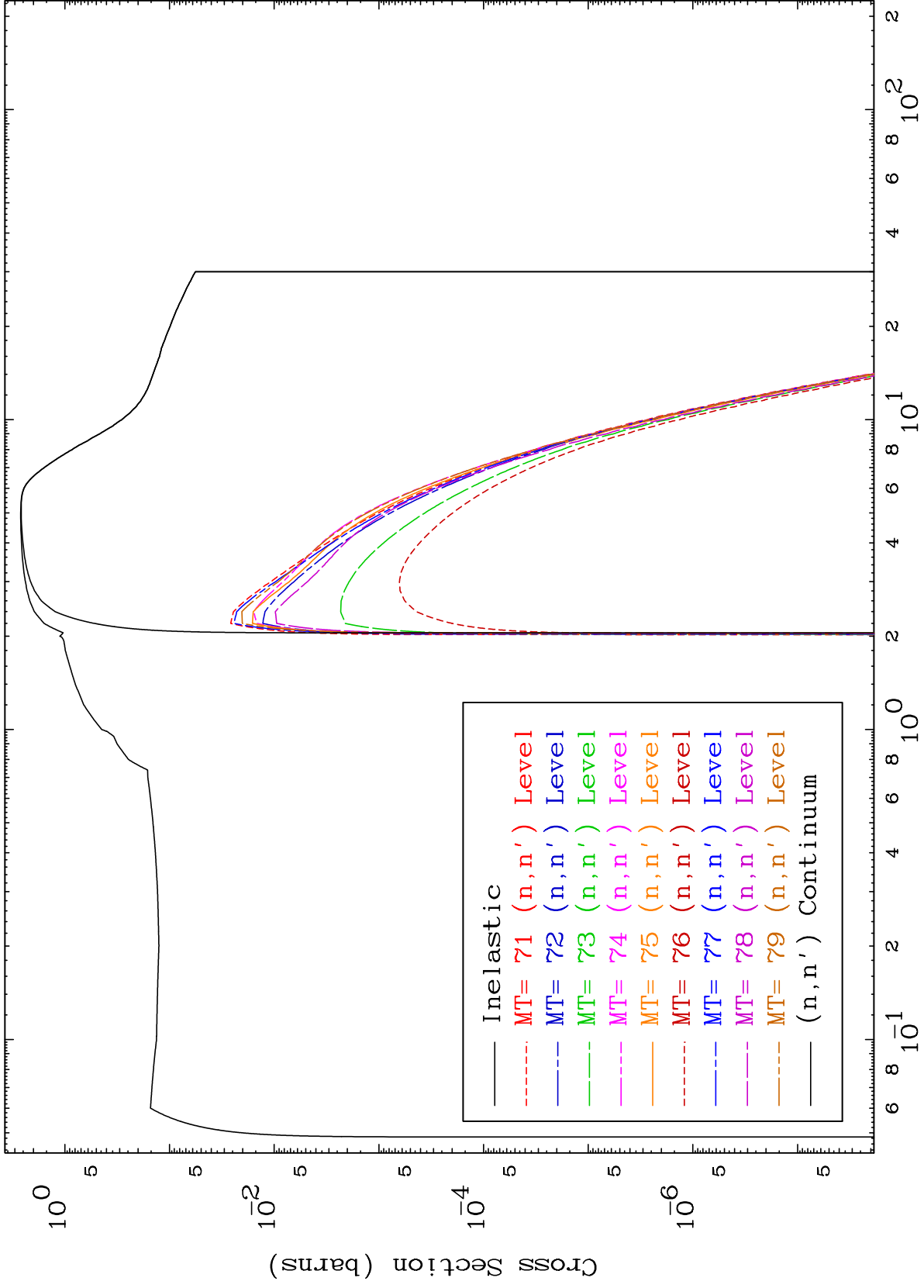
79-Au-205m



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293 Kelvin Cross Sections

<sup>79</sup>Au-205m



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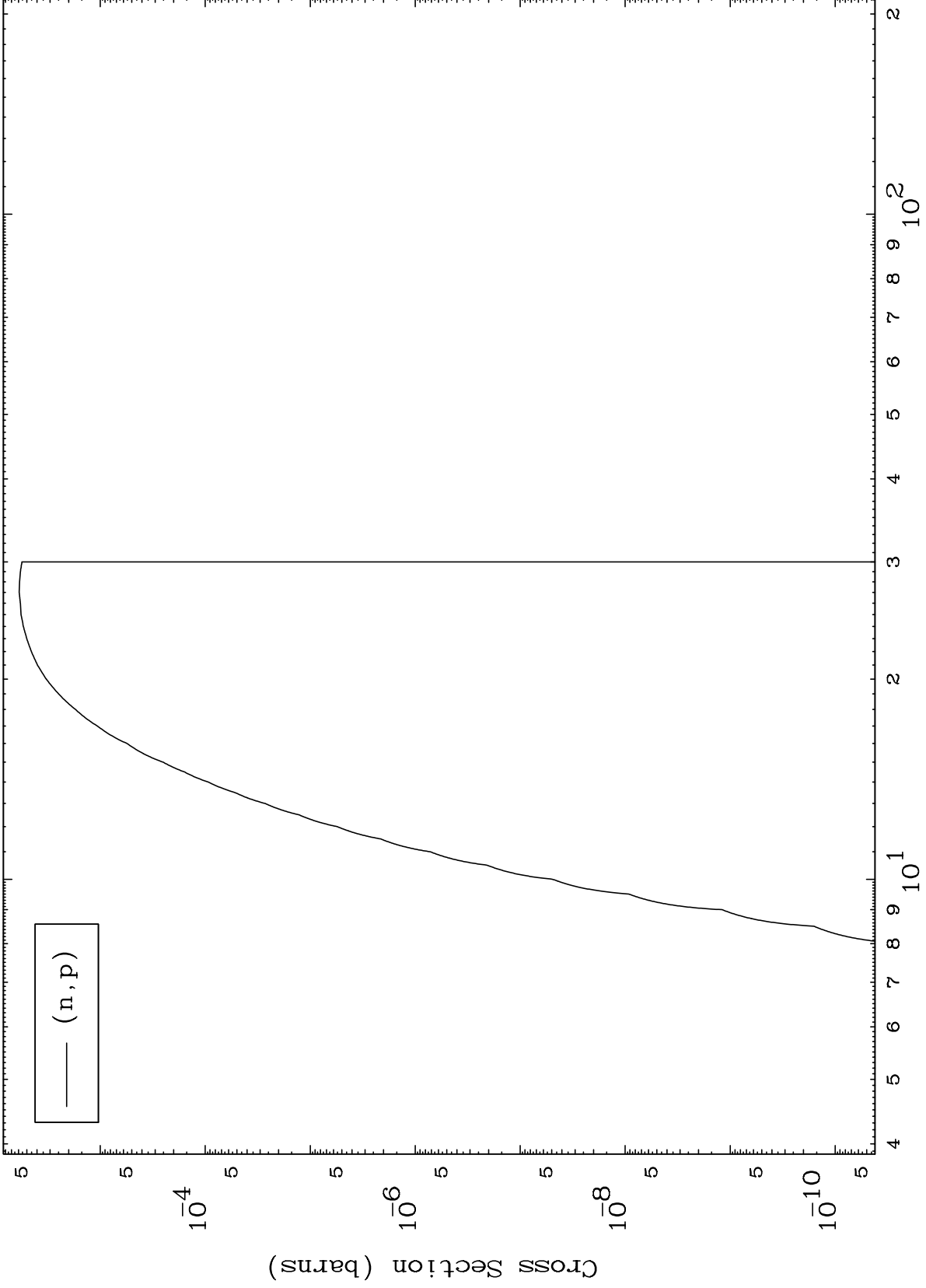
Incident Energy (MeV)

<sup>79</sup>Au-205m

MAT 7950

(n,p) Levels  
293 Kelvin Cross Sections

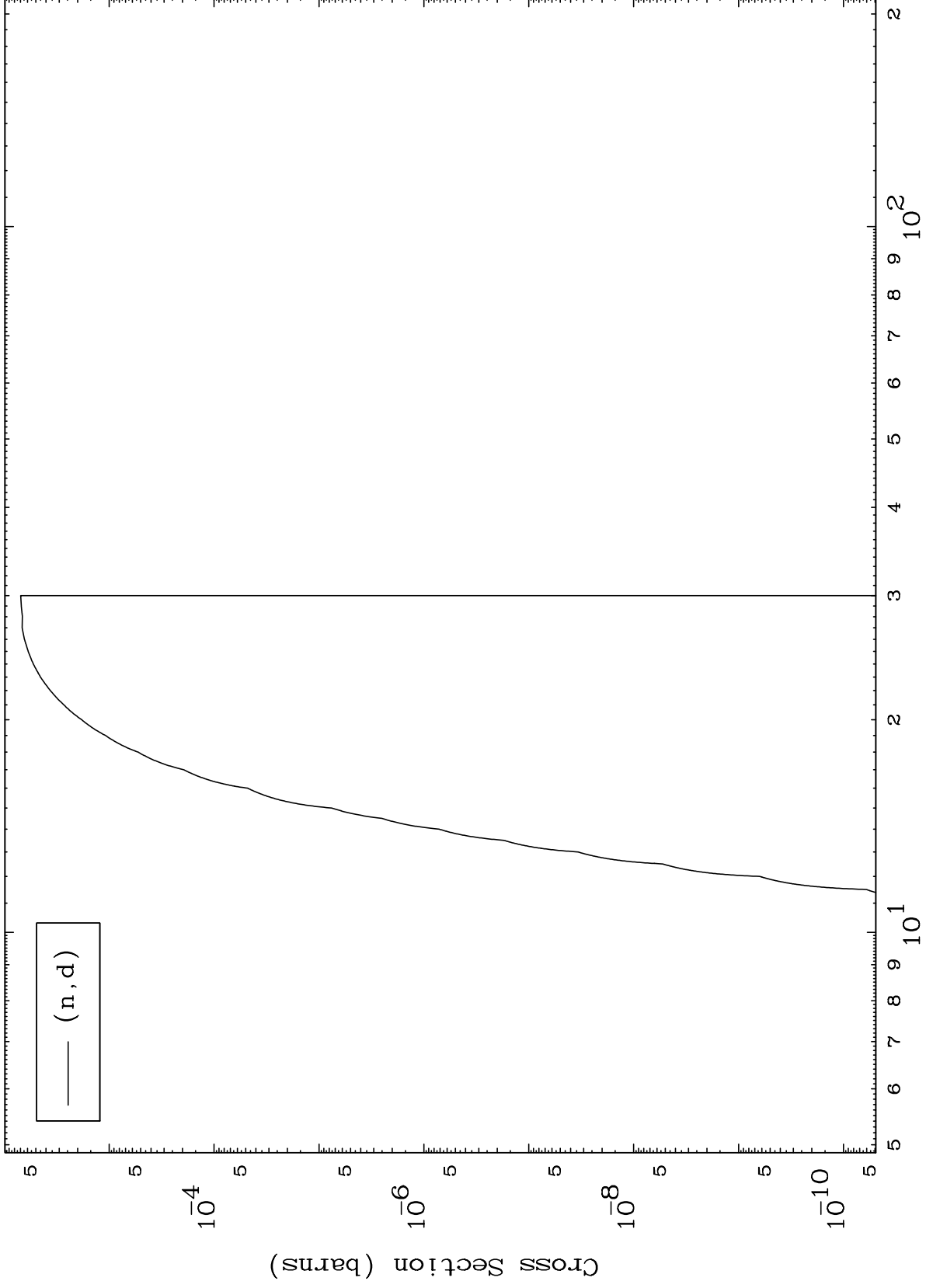
<sup>79</sup>Au-205m



MAT 7950

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-205m



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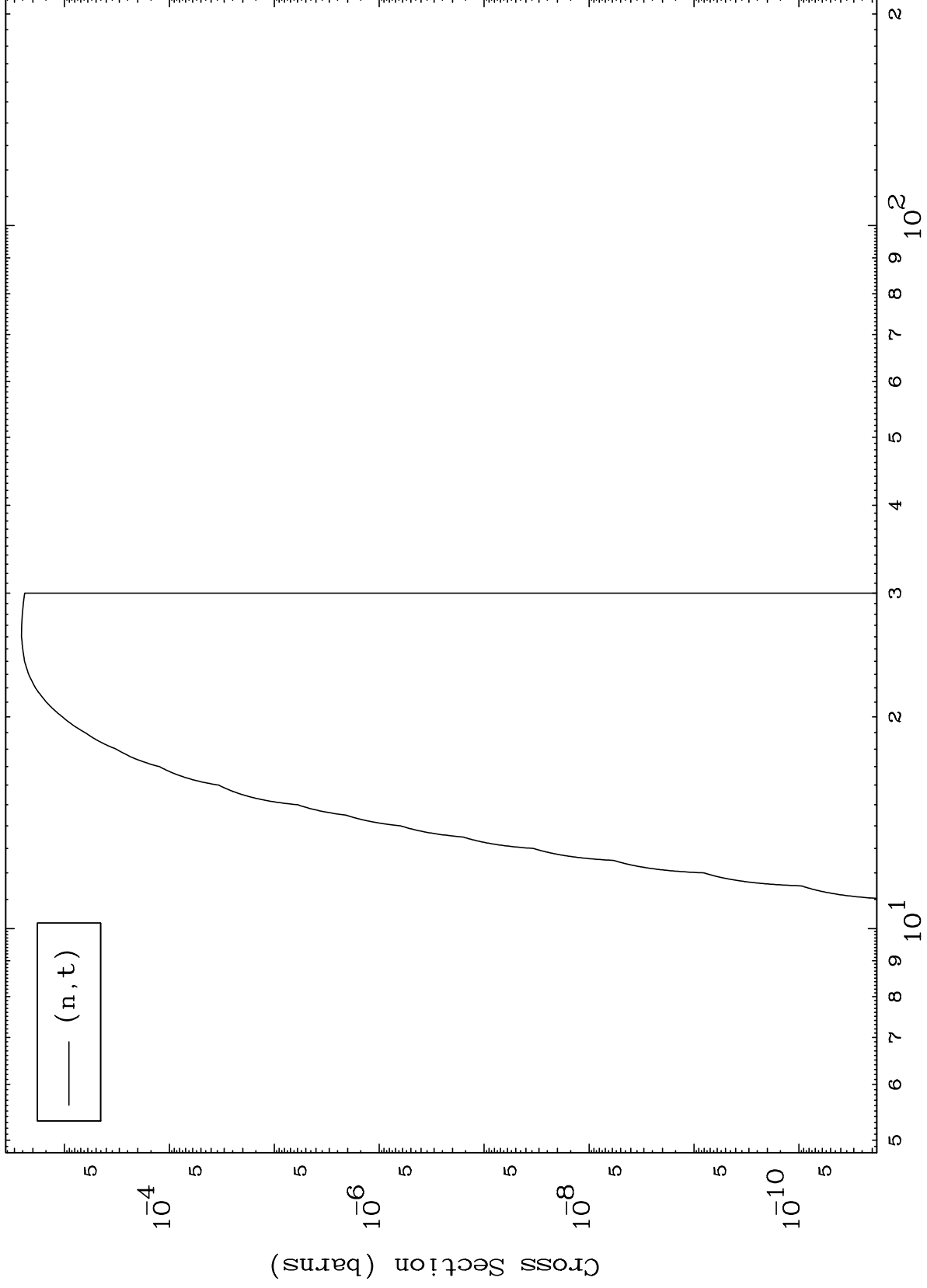
Incident Energy (MeV)

79-Au-205m

MAT 7950

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-205m



13

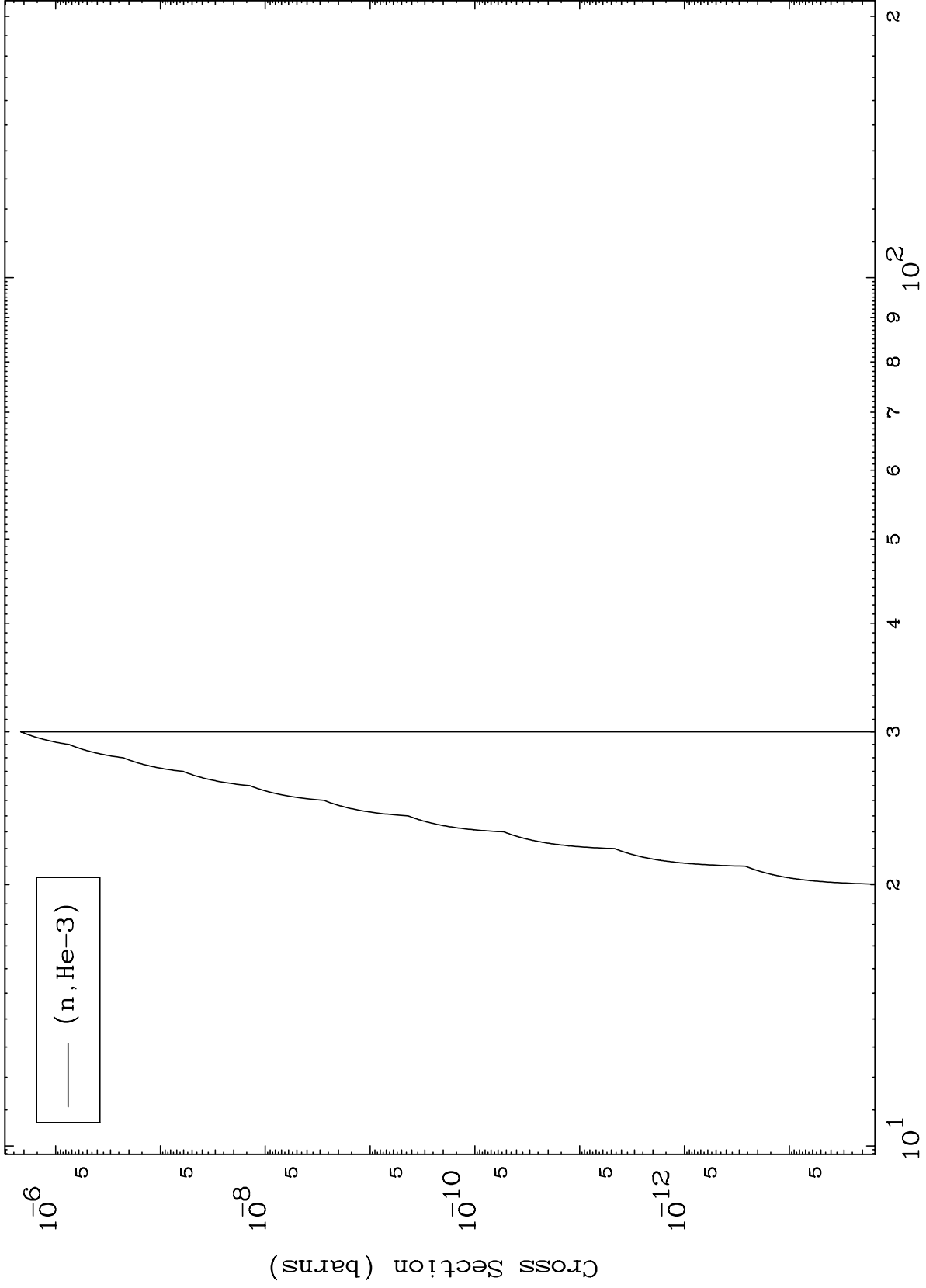
Incident Energy (MeV)

79-Au-205m

MAT 7950

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-205m



14

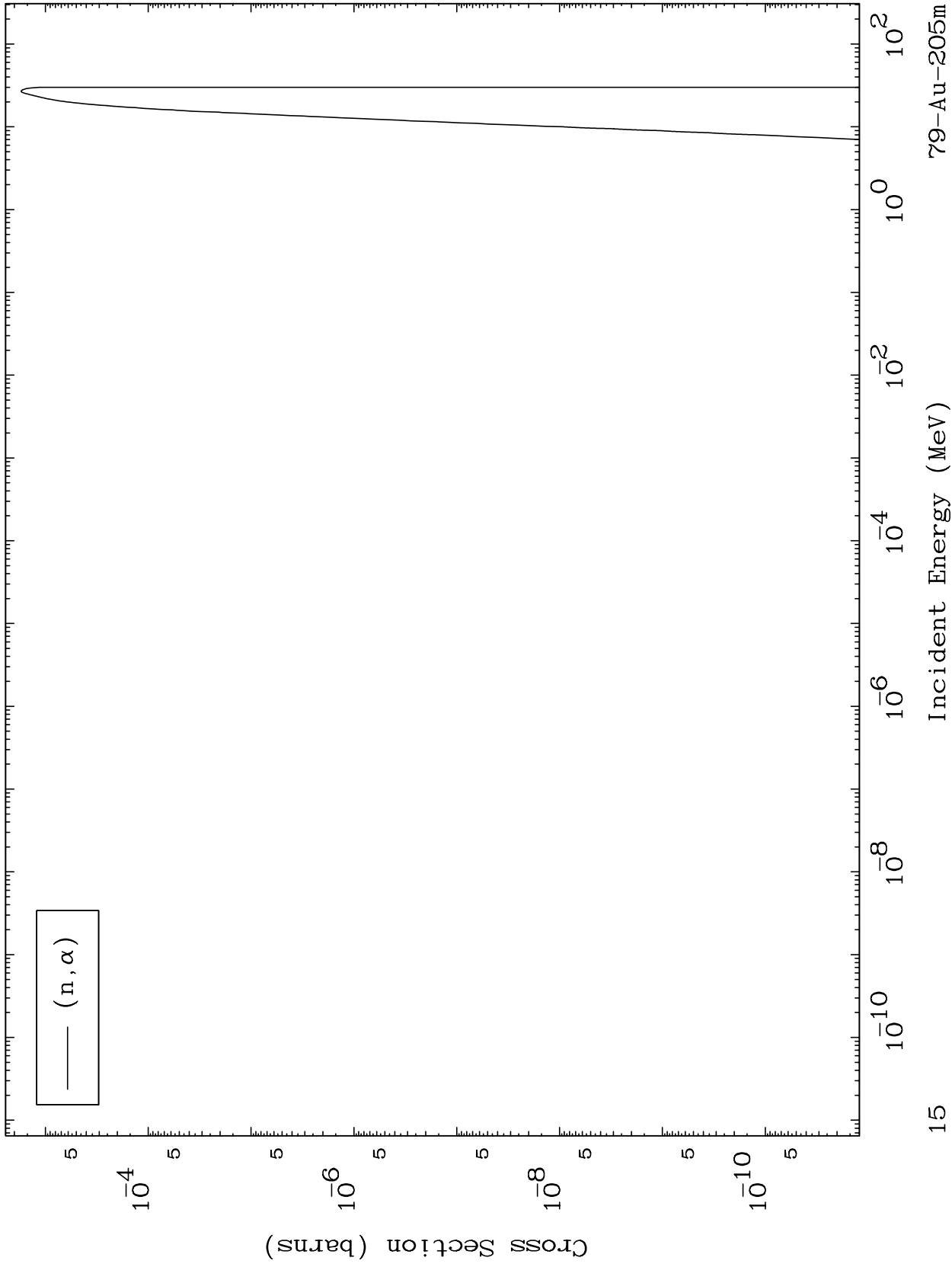
Incident Energy (MeV)

79-Au-205m

MAT 7950

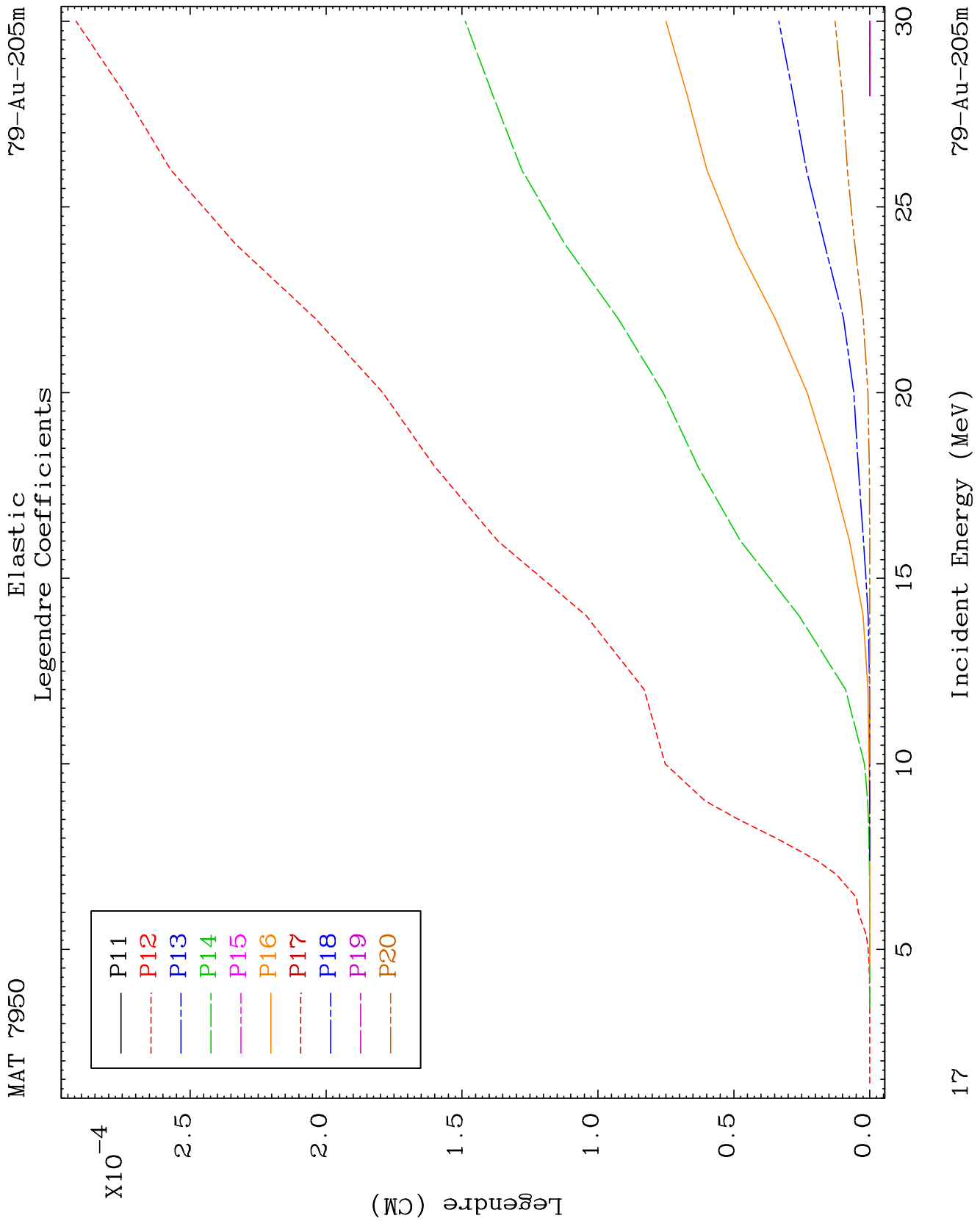
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

<sup>79</sup>Au-205m





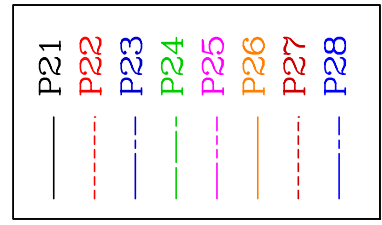




MAT 7950

Elastic Legendre Coefficients

79-Au-205m



$\times 10^{-6}$   
2.5  
2.0  
1.5  
1.0  
0.5  
0.0

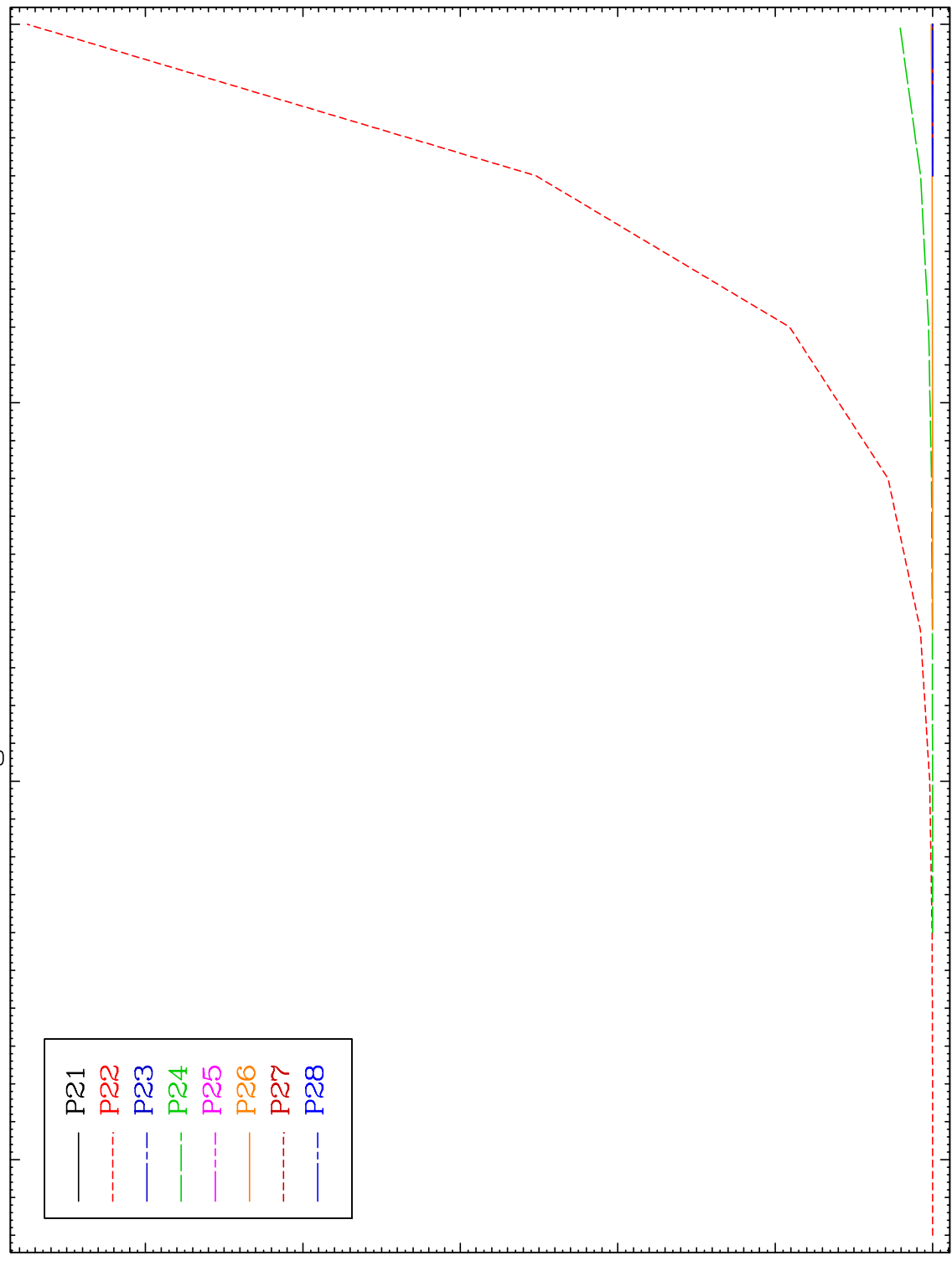
Legendre (CM)

15 20 25 30

18

Incident Energy (MeV)

79-Au-205m

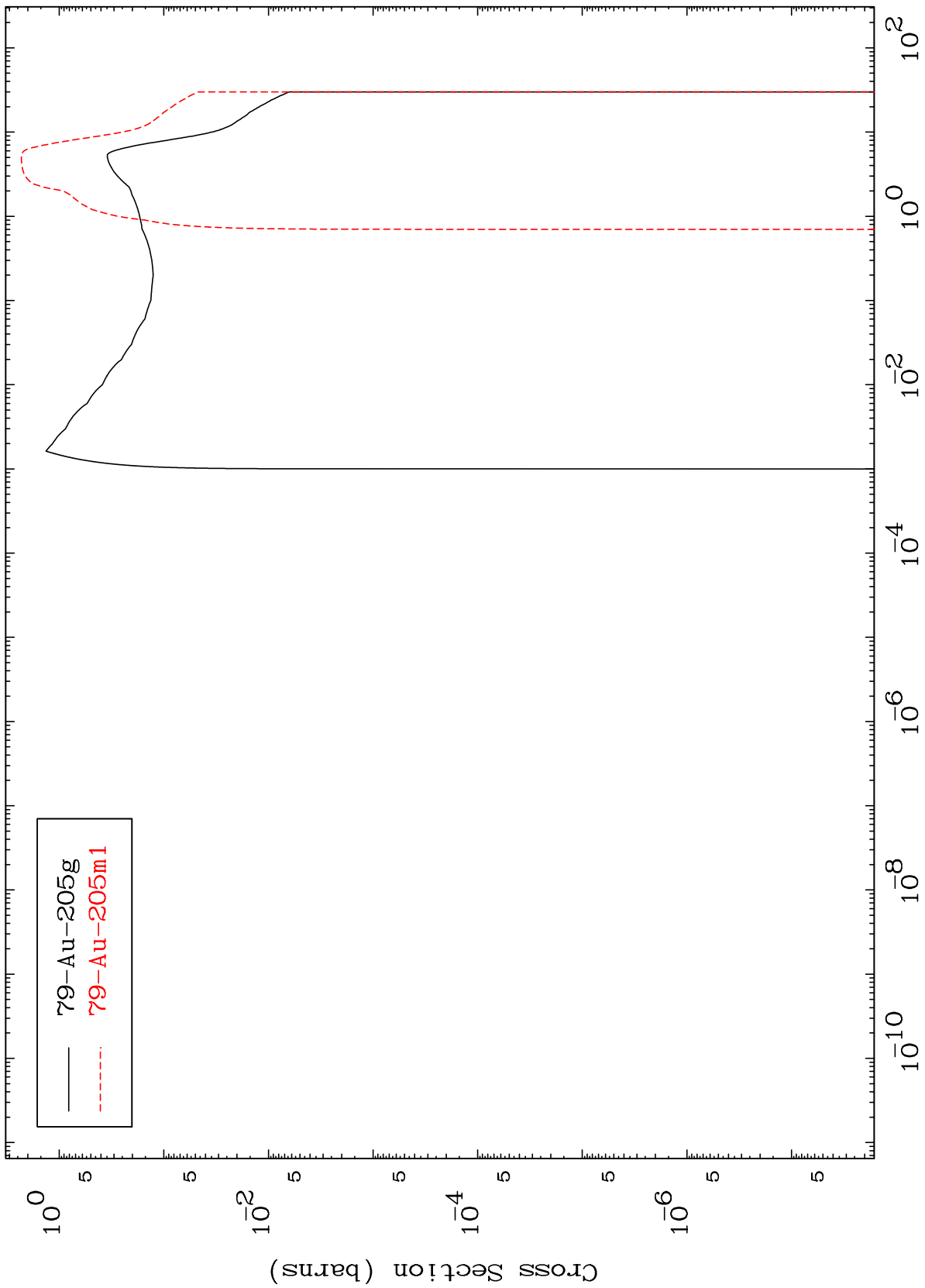


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Inelastic

<sup>79</sup>Au-<sup>205</sup>m

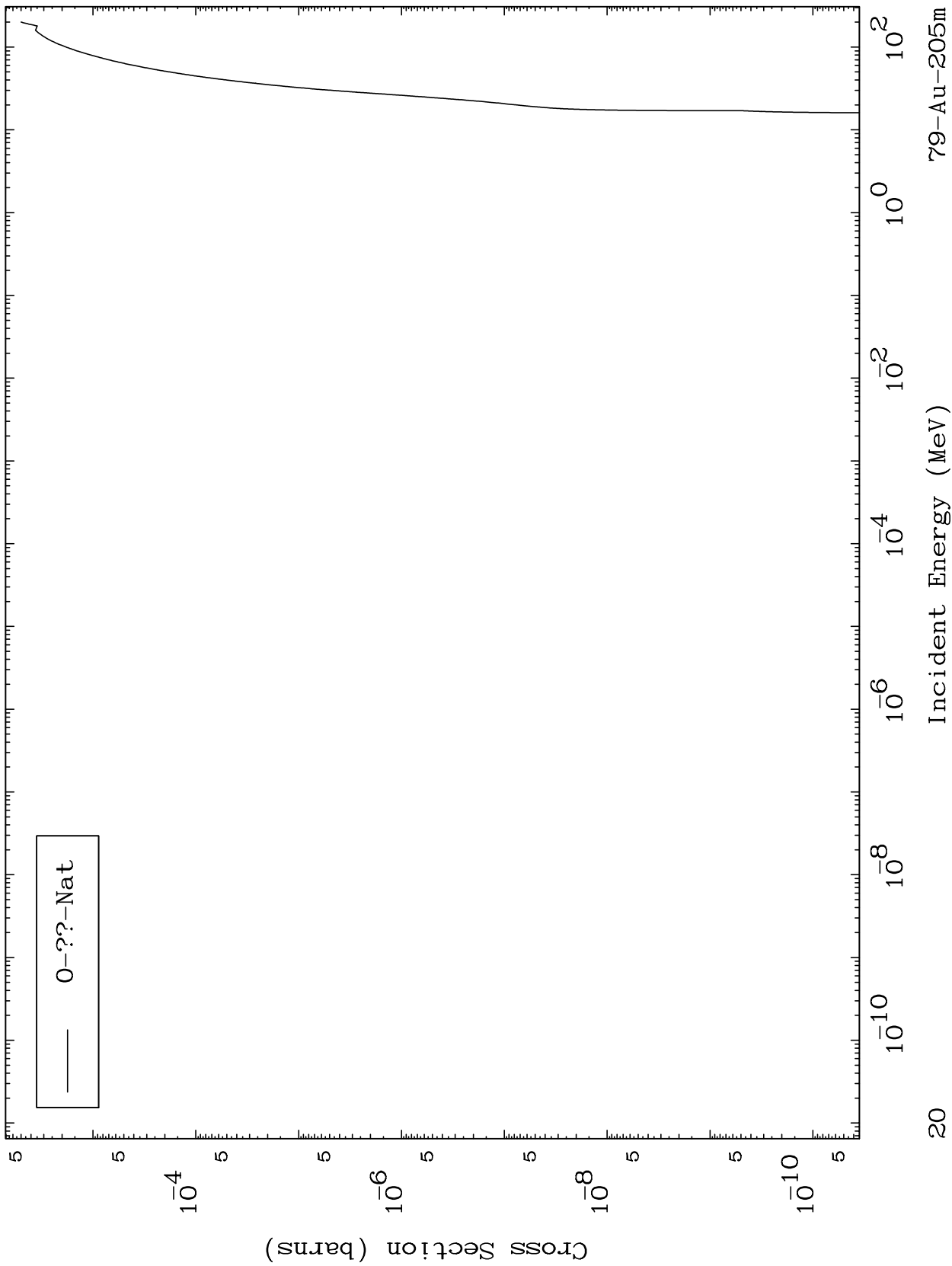
Radionuclide Production Cross Section



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Fission  
Radionuclide Production Cross Section

<sup>79</sup>Au-205m

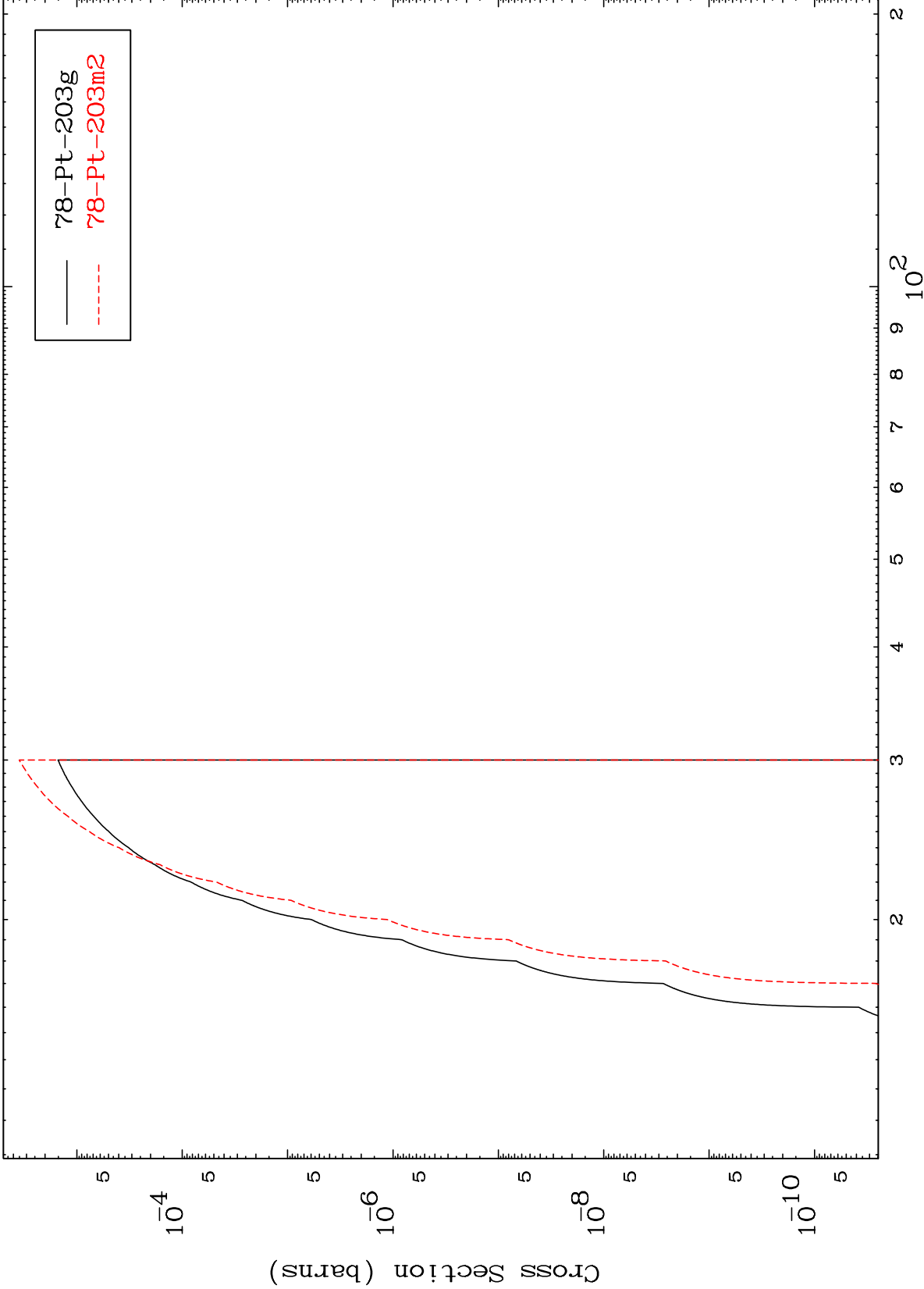


MAT 7950

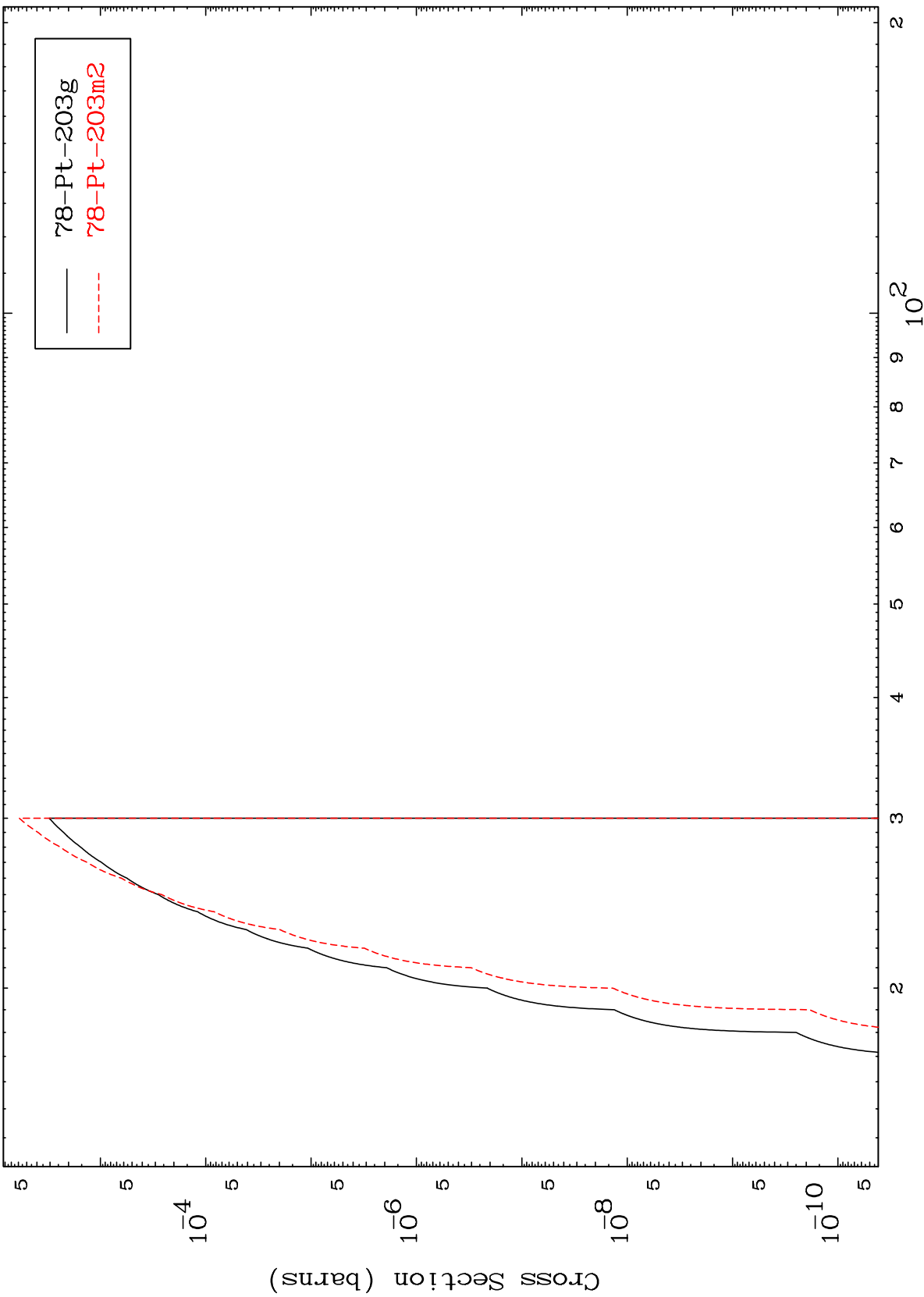
(n,n') d

79-Au-205m

Radionuclide Production Cross Section



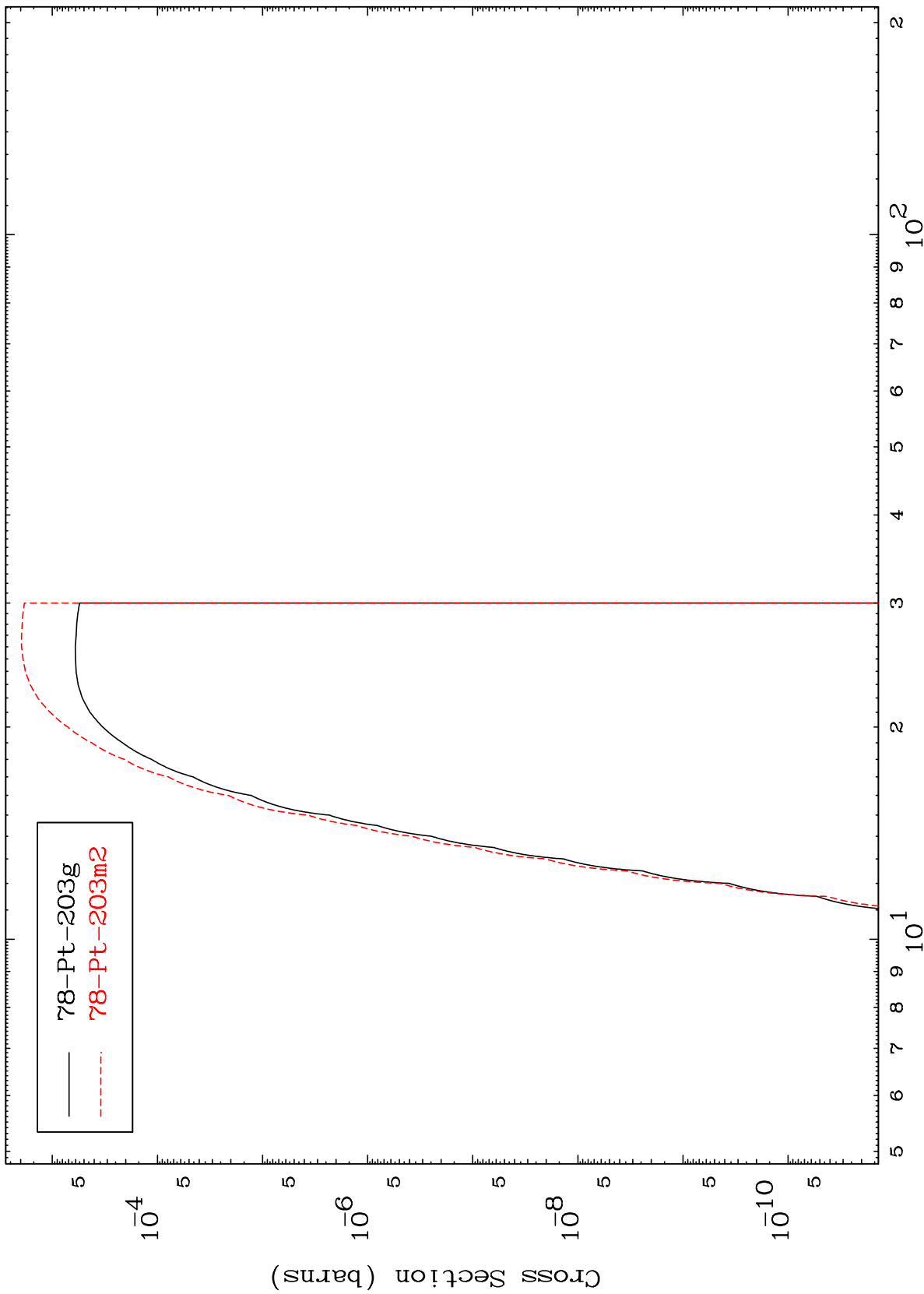
Radionuclide Production Cross Section



MAT 7950

79-Au-205m

(n, t)  
Radionuclide Production Cross Section



Incident Energy (MeV)

79-Au-205m

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