

Program EVALPLOT  
(Version 2018-1)

by

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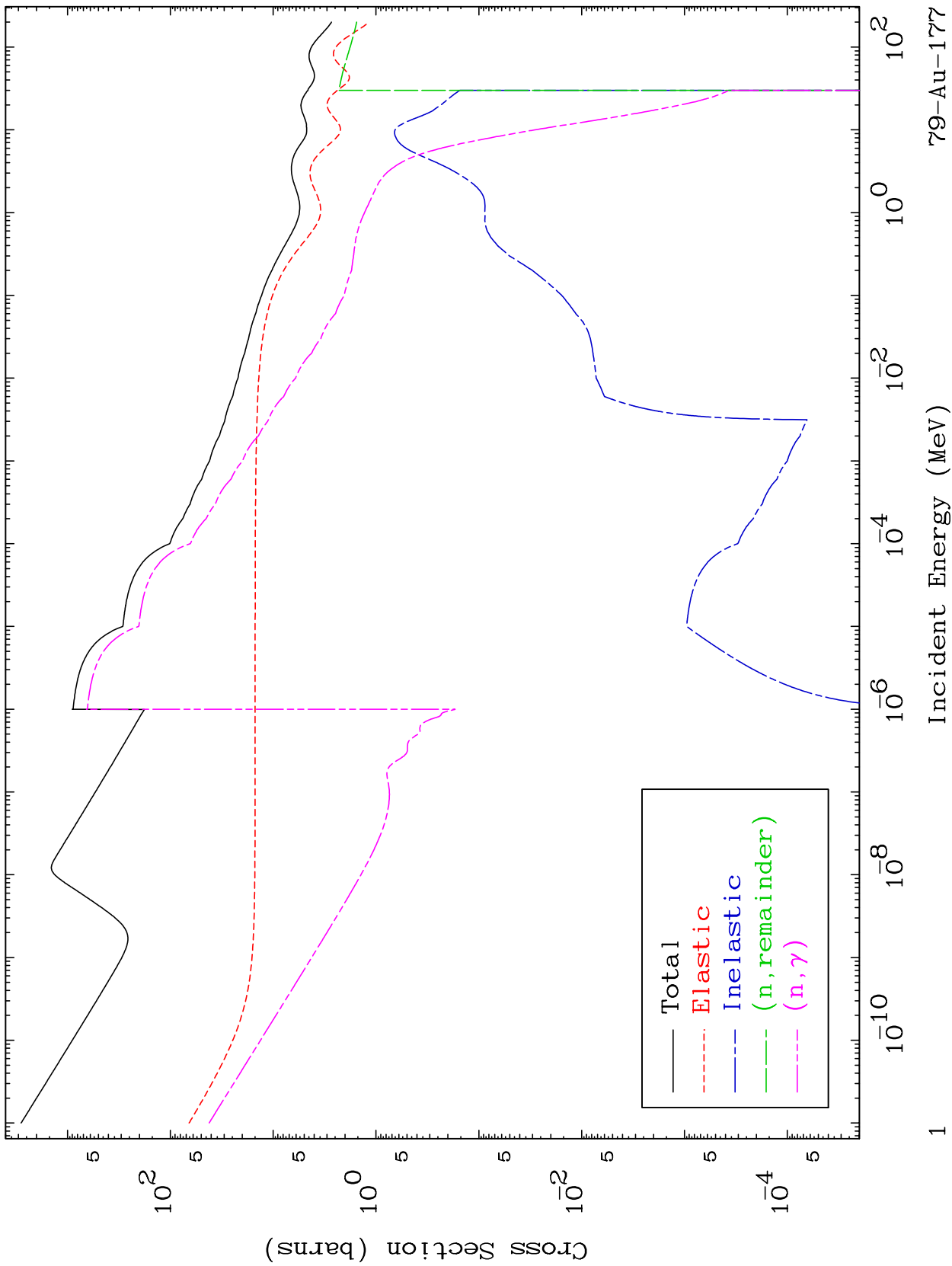
Press Mouse Button to Start

MAT 7866

Major

293 Kelvin Cross Sections

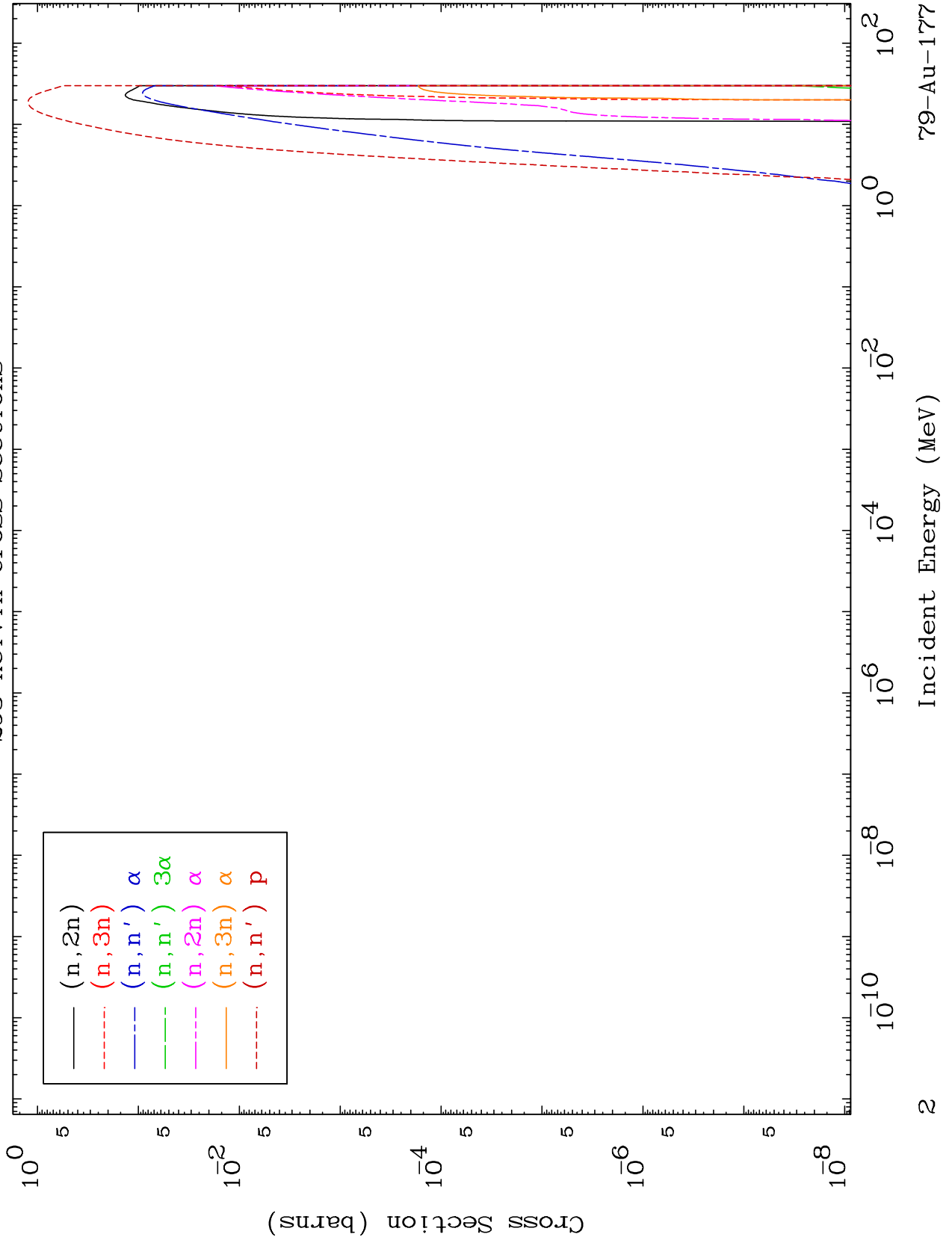
79-Au-177



MAT 7866

Neutron Production  
293 Kelvin Cross Sections

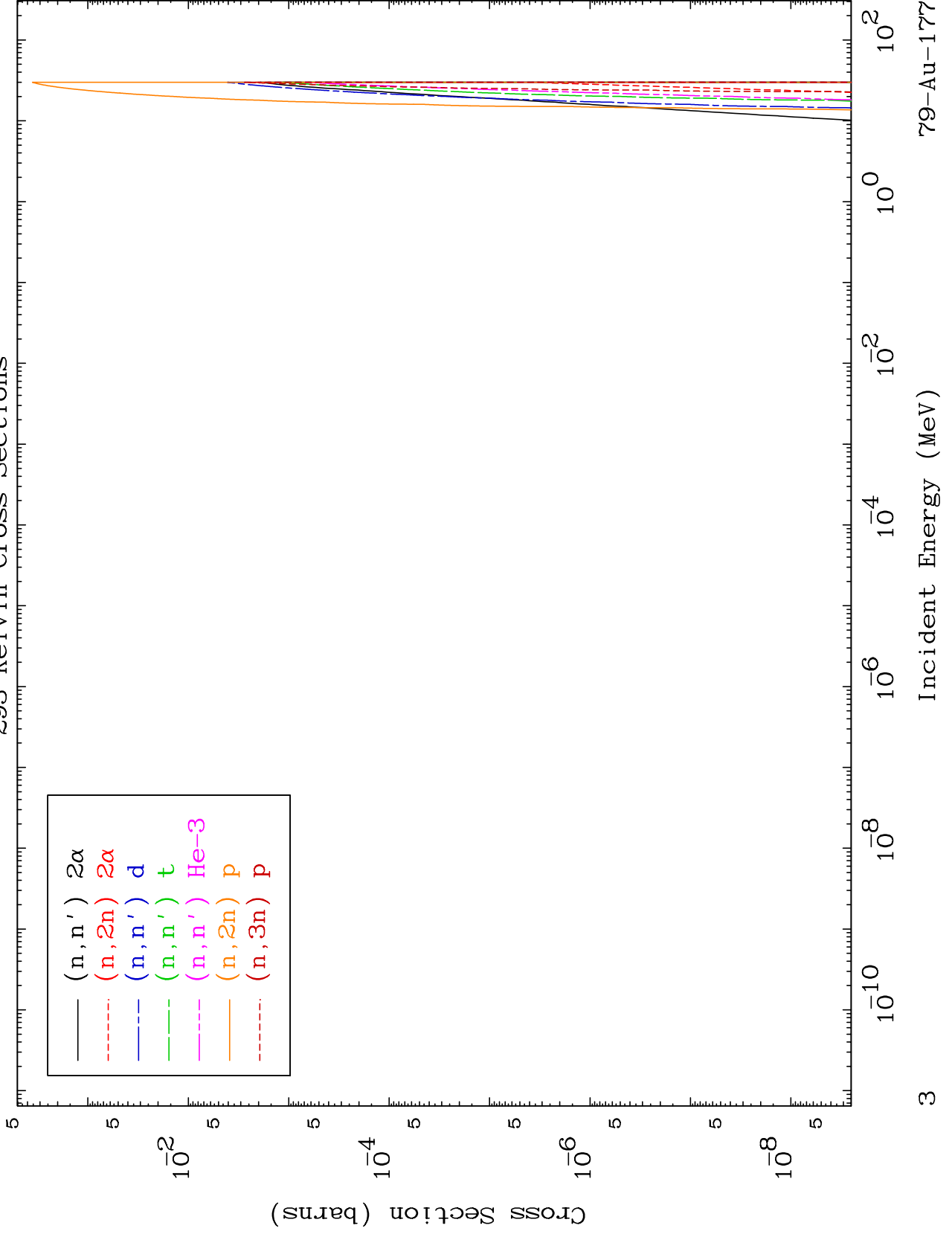
79-Au-177



MAT 7866

Neutron Production  
293 Kelvin Cross Sections

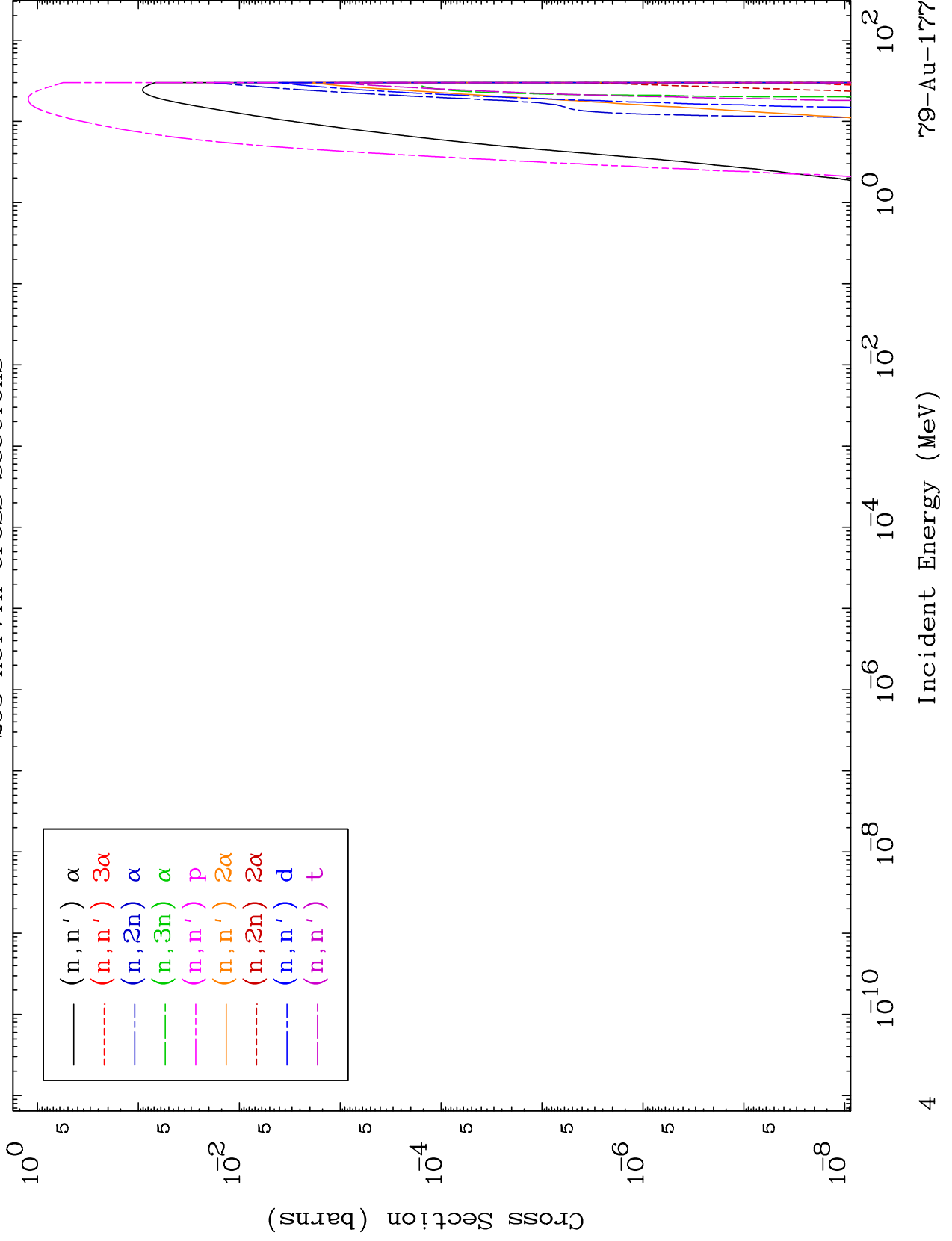
79-Au-177



MAT 7866

Charged Particle  
293 Kelvin Cross Sections

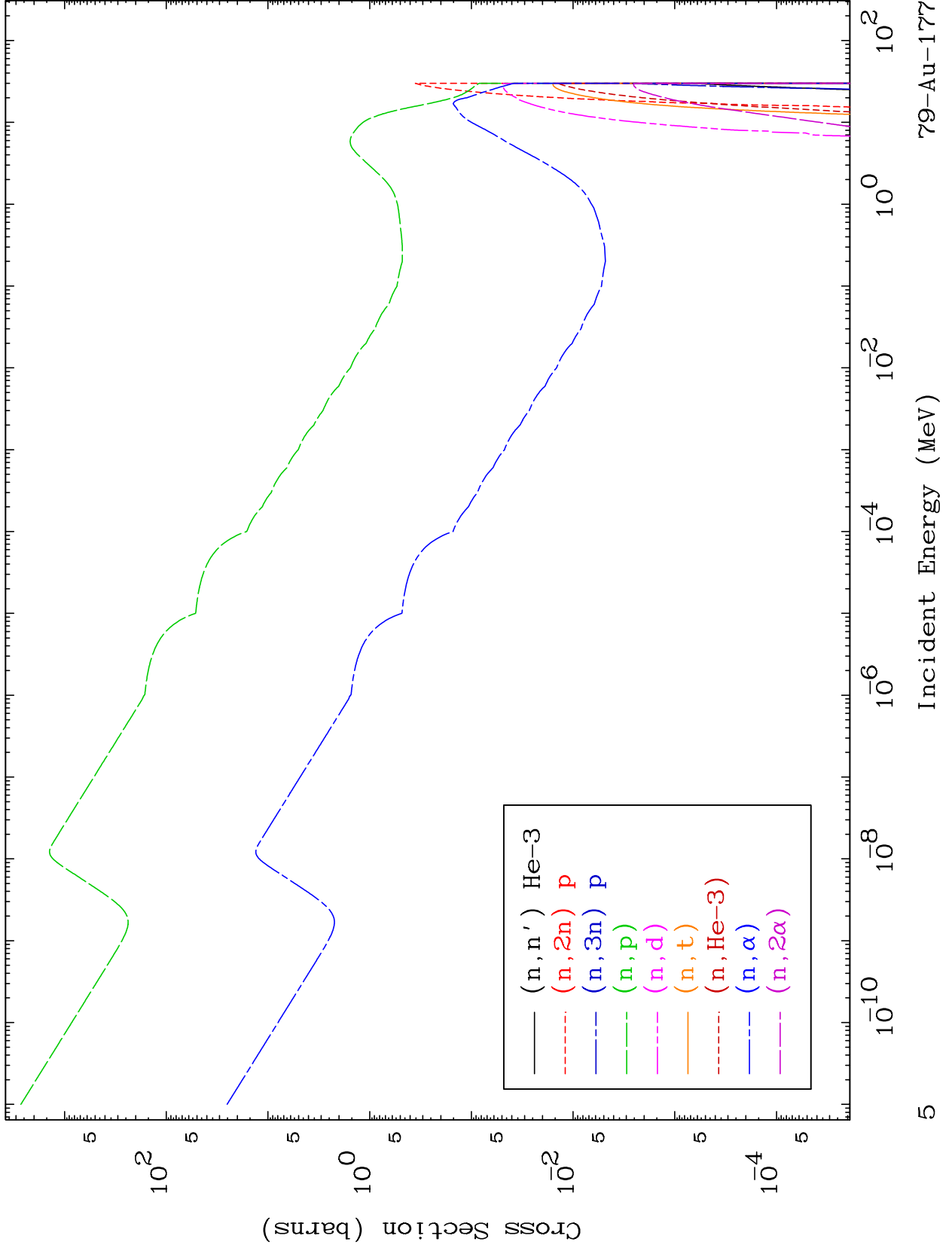
79-Au-177



MAT 7866

Charged Particle  
293 Kelvin Cross Sections

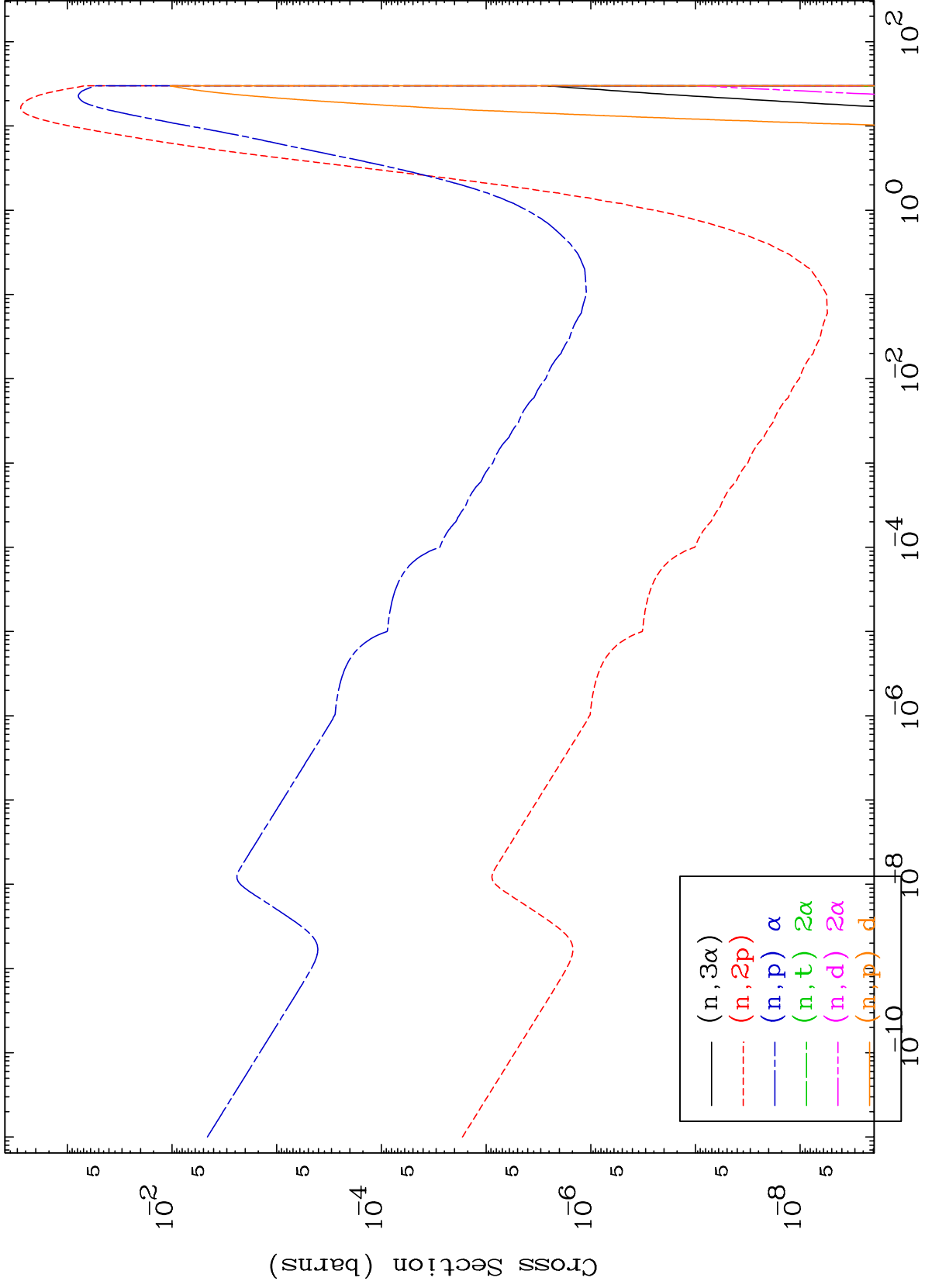
79-Au-177

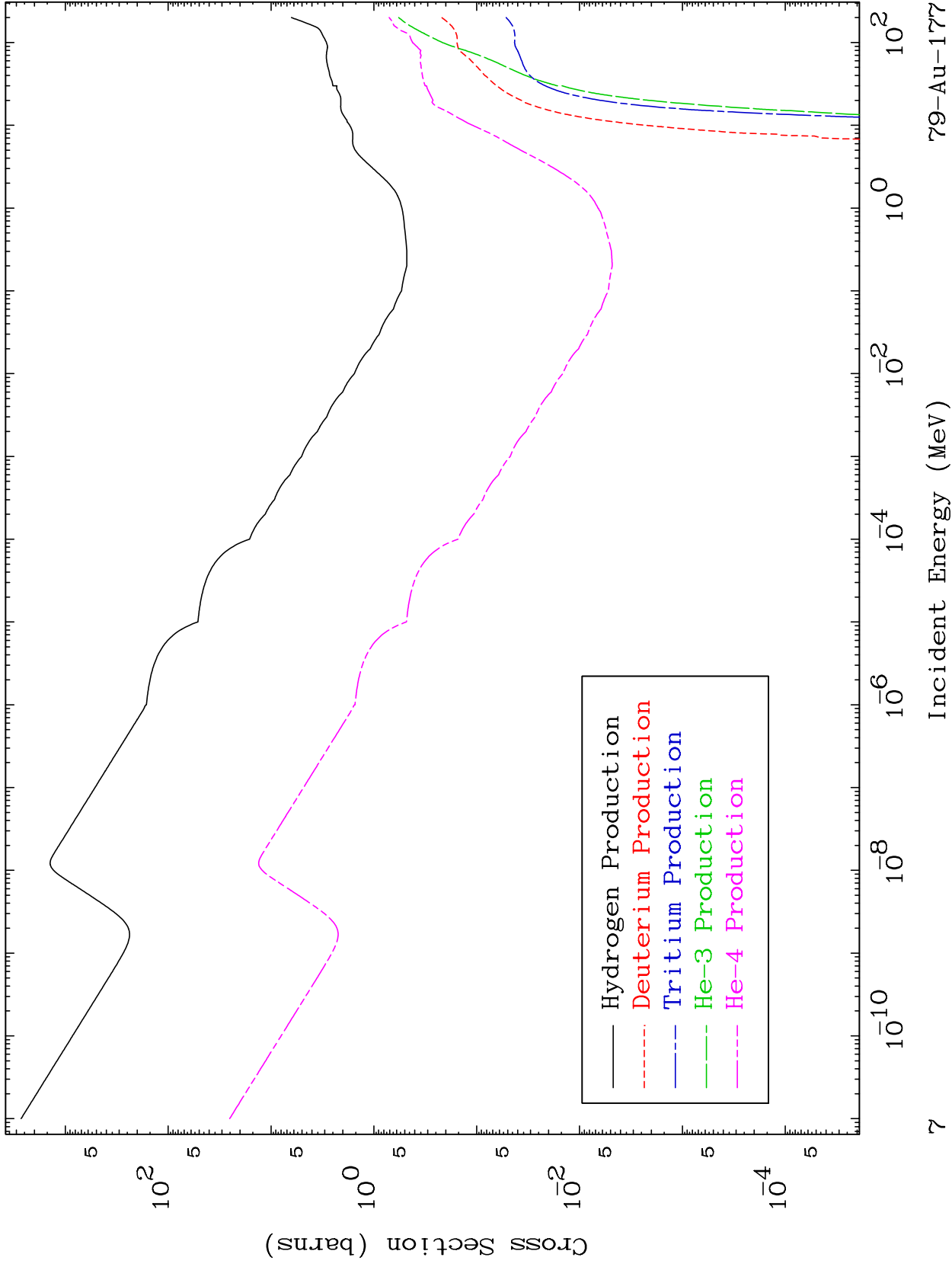


MAT 7866

Charged Particle  
293 Kelvin Cross Sections

79-Au-177



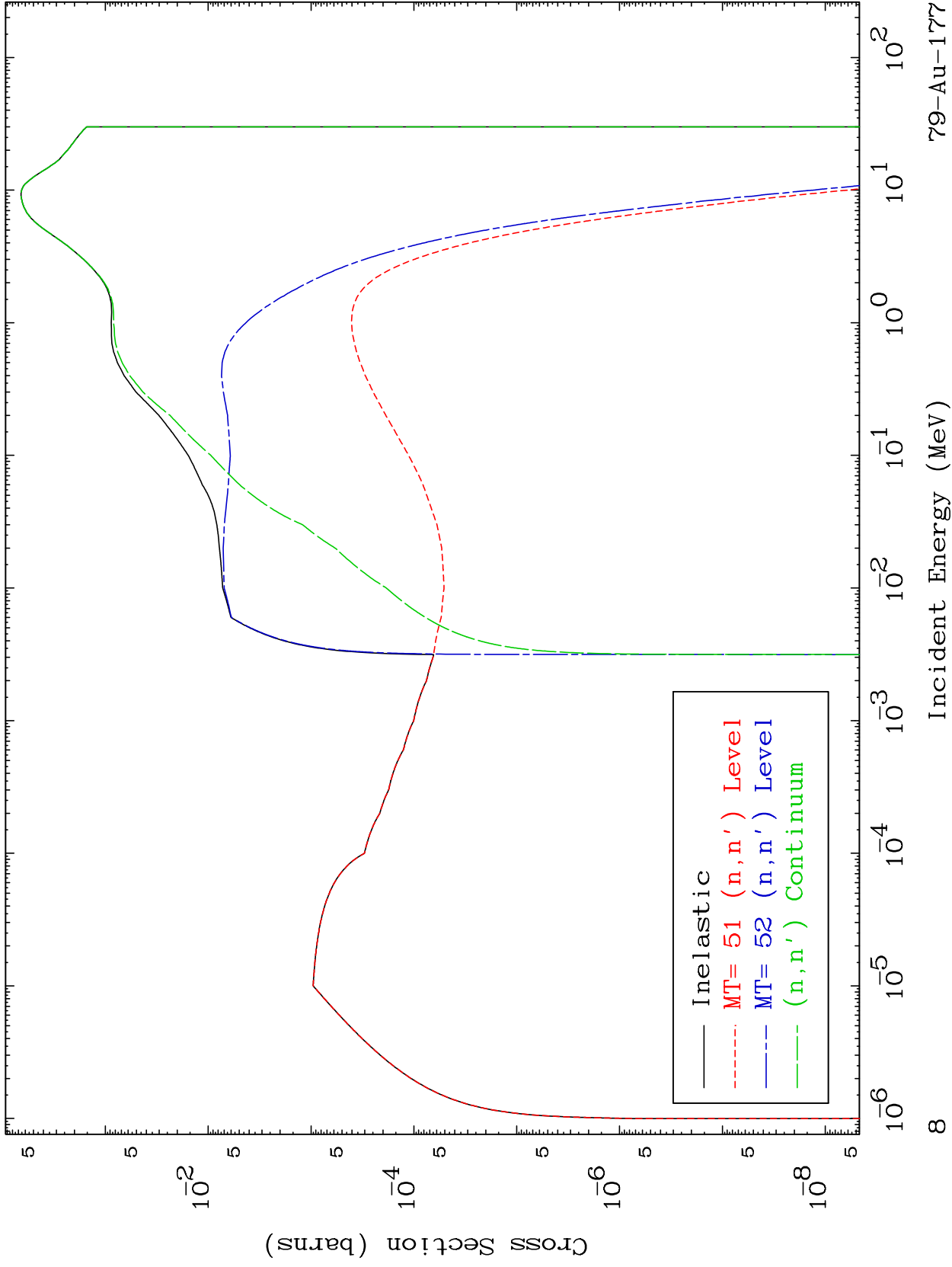




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(n,n') Level  
293 Kelvin Cross Sections

79-Au-177



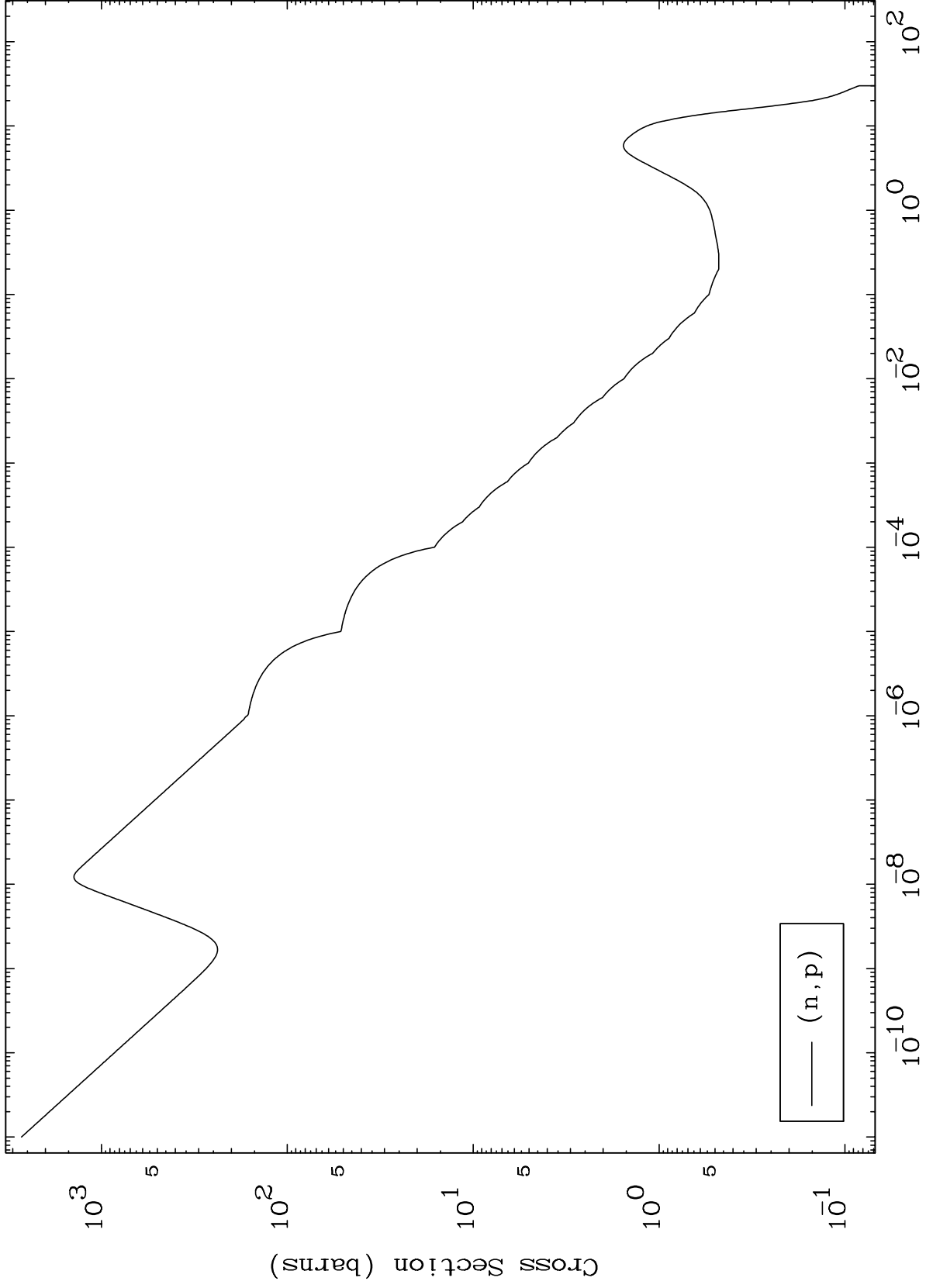
Incident Energy (MeV)

79-Au-177

MAT 7866

(n,p) Levels  
293 Kelvin Cross Sections

79-Au-177



(n,p)

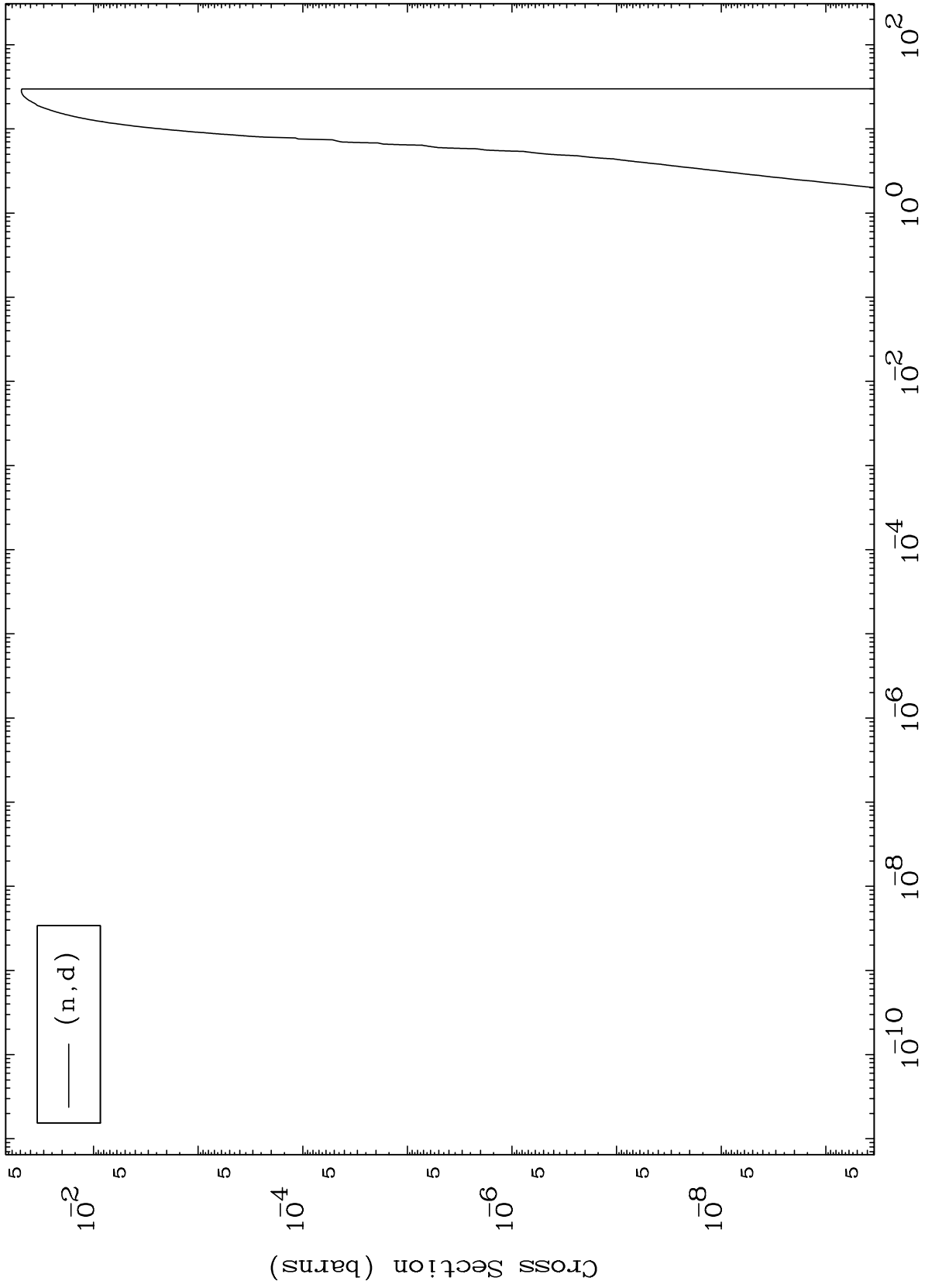
79-Au-177

Incident Energy (MeV)

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(n,d) Levels  
293 Kelvin Cross Sections

79-Au-177



10

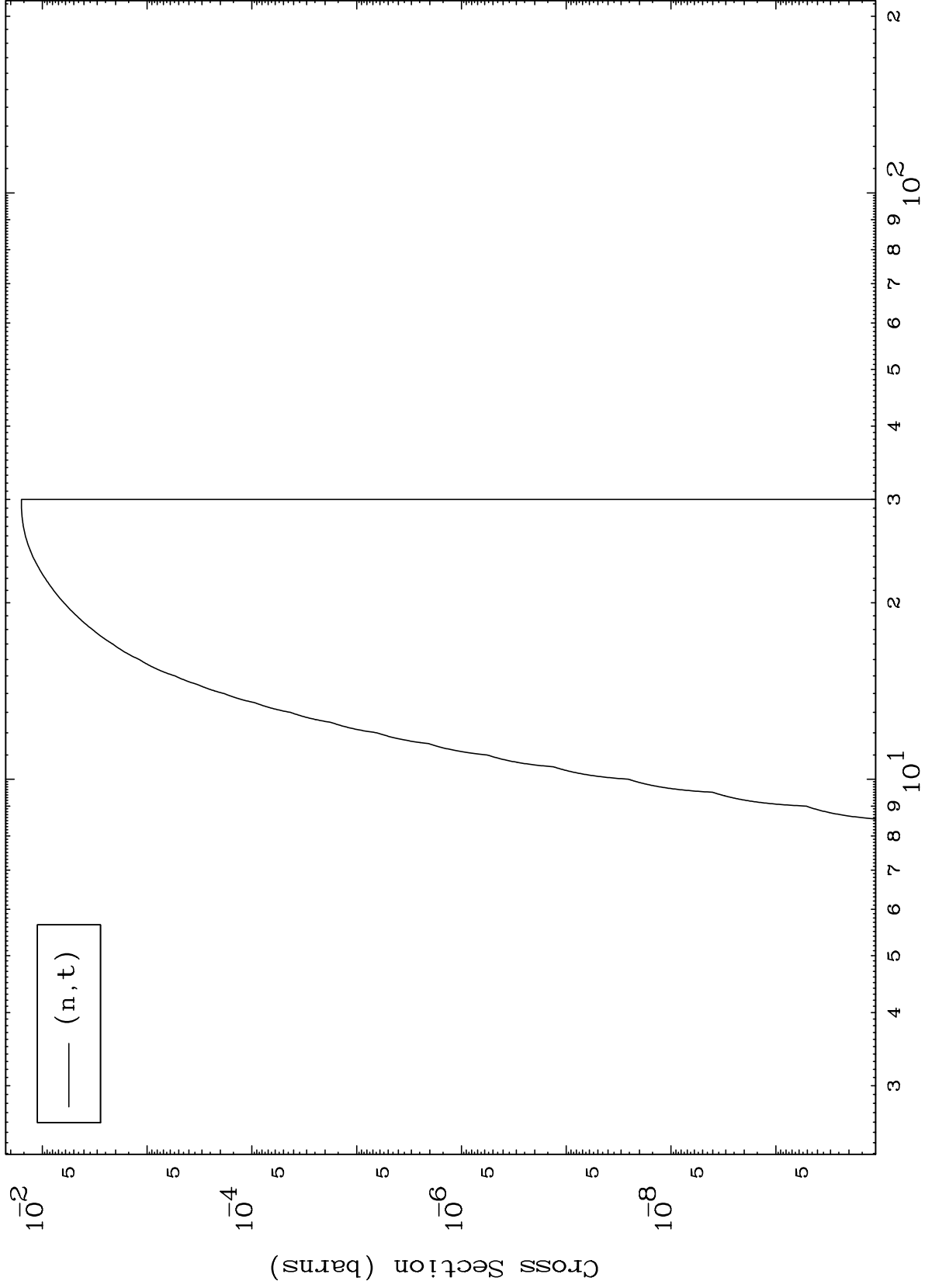
Incident Energy (MeV)

79-Au-177

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(n,t) Levels  
293 Kelvin Cross Sections

79-Au-177



11

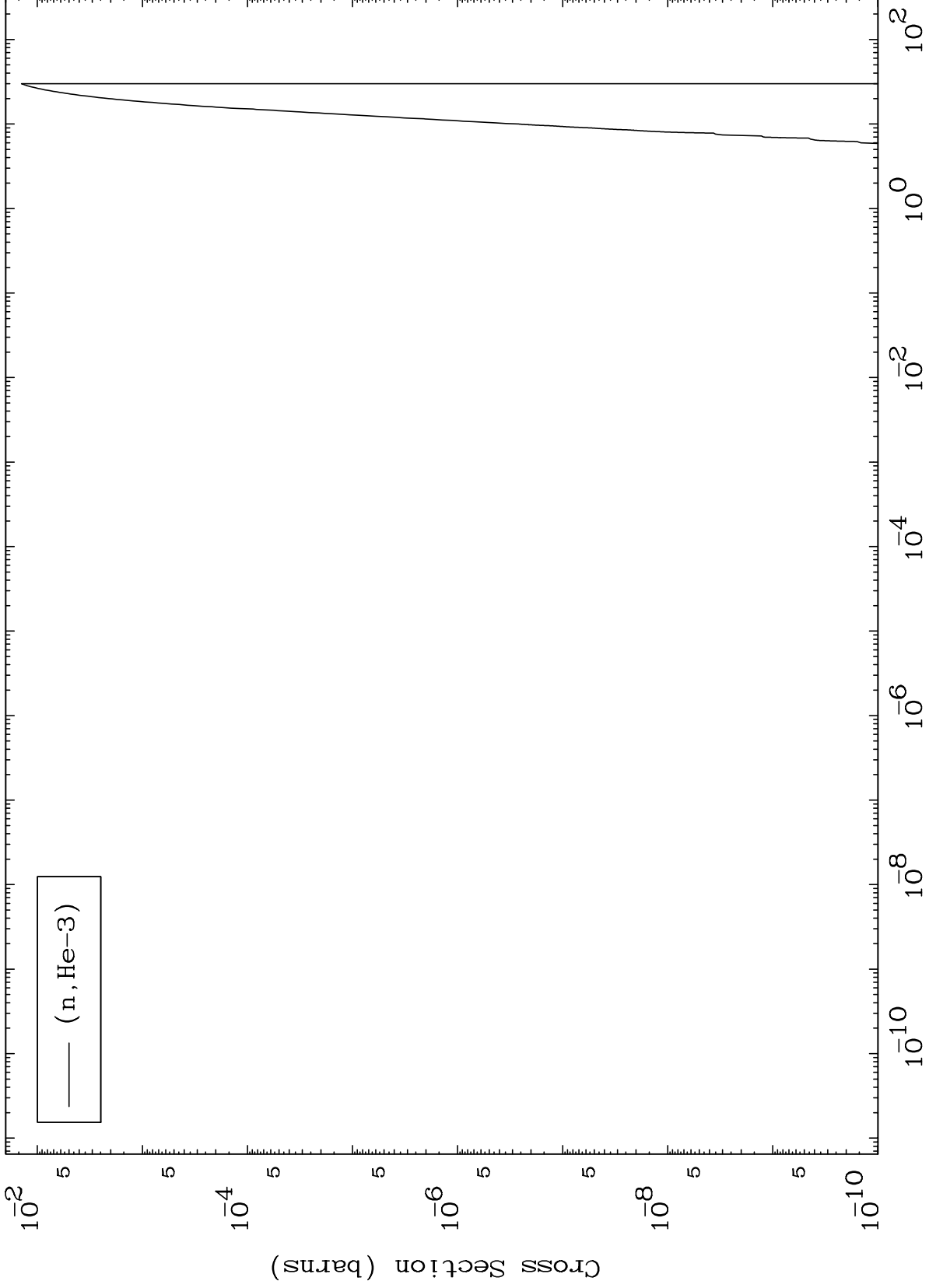
Incident Energy (MeV)

79-Au-177

MAT 7866

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-177



12

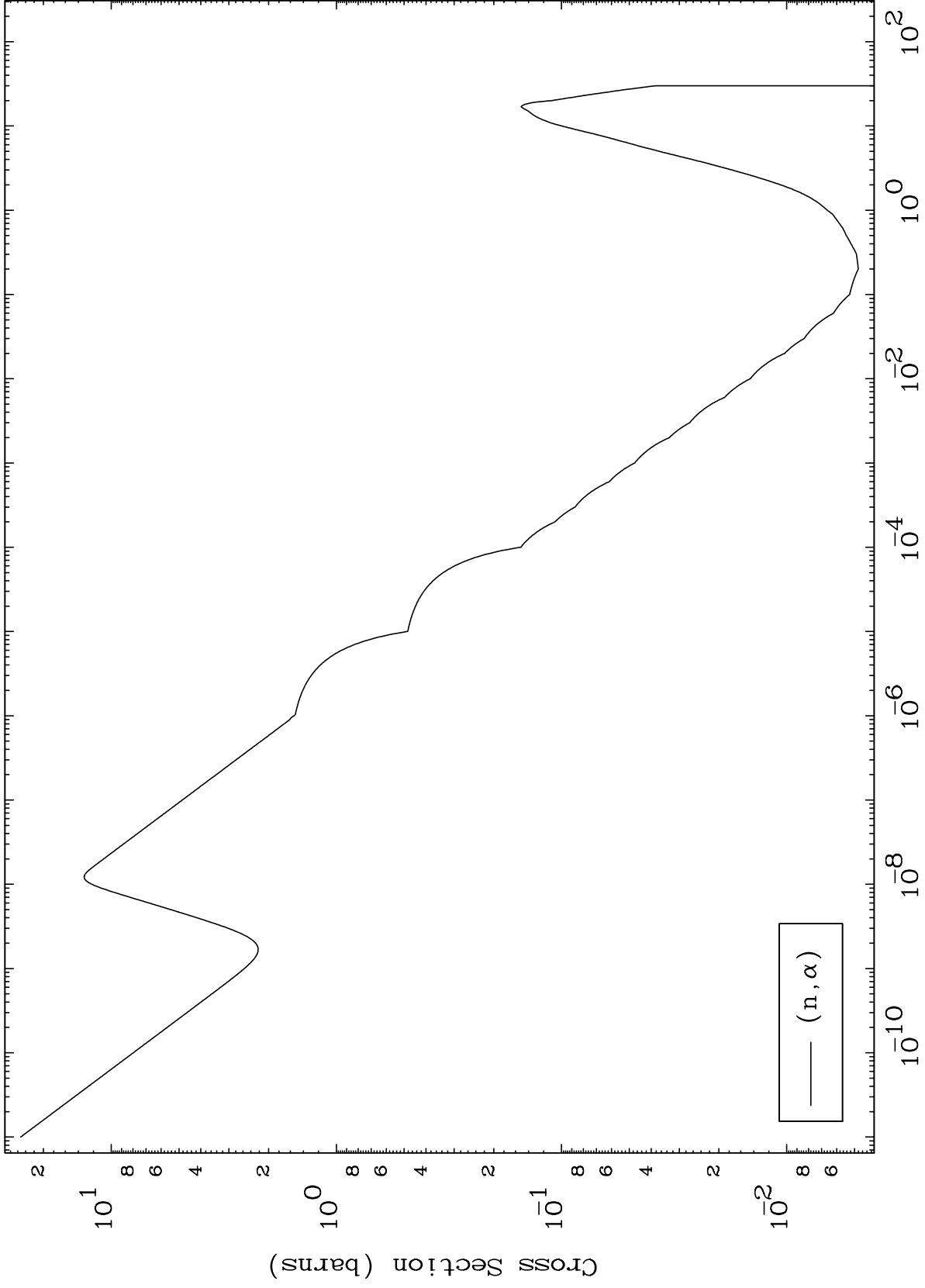
Incident Energy (MeV)

79-Au-177

MAT 7866

(n,α) Levels  
293 Kelvin Cross Sections

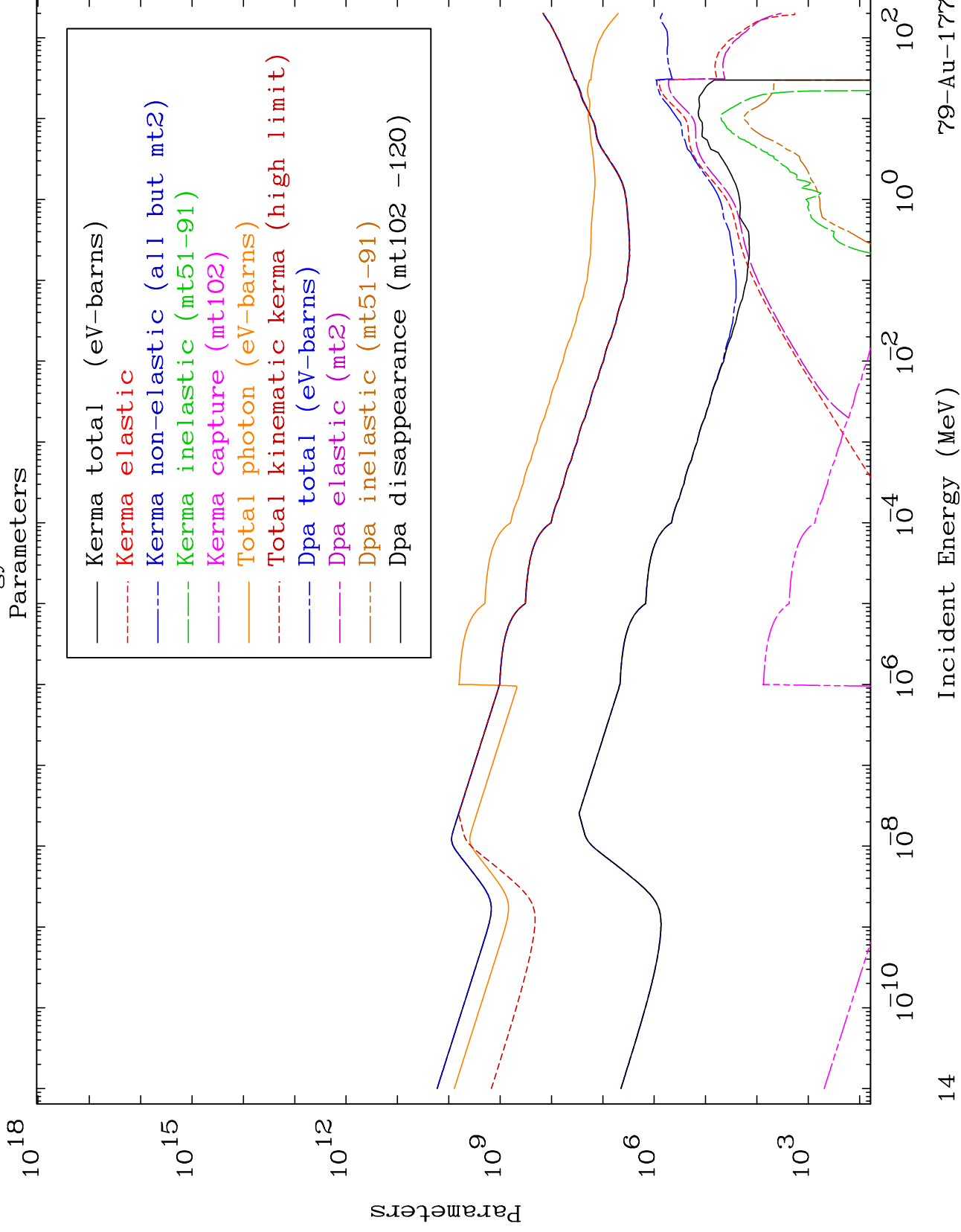
79-Au-177



13

Incident Energy (MeV)

79-Au-177



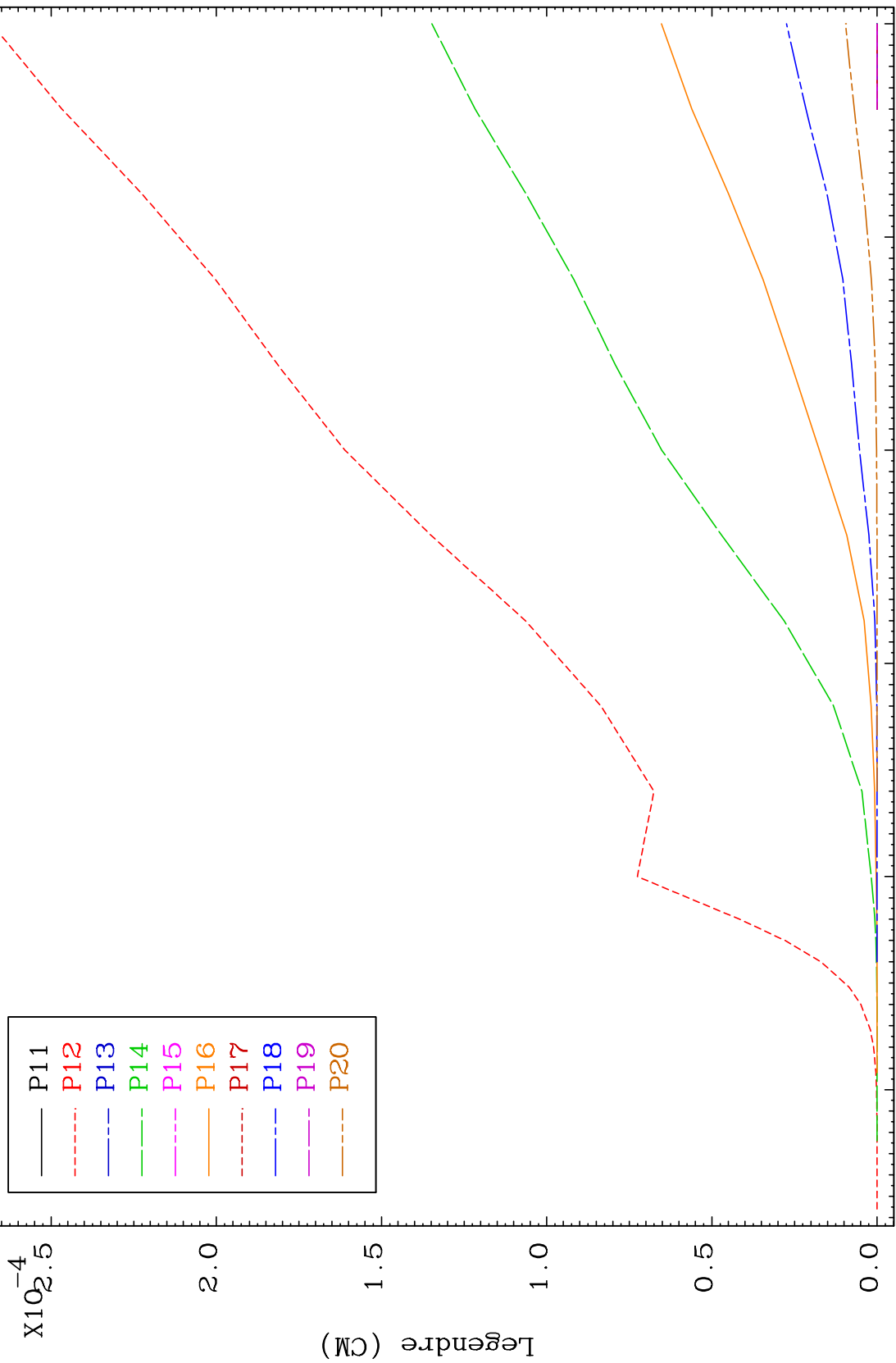
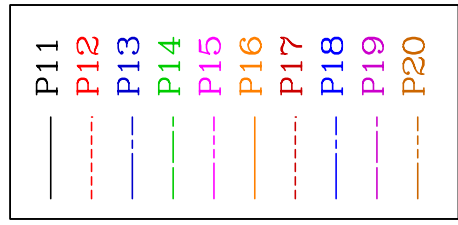




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Elastic Legendre Coefficients

79-Au-177



16

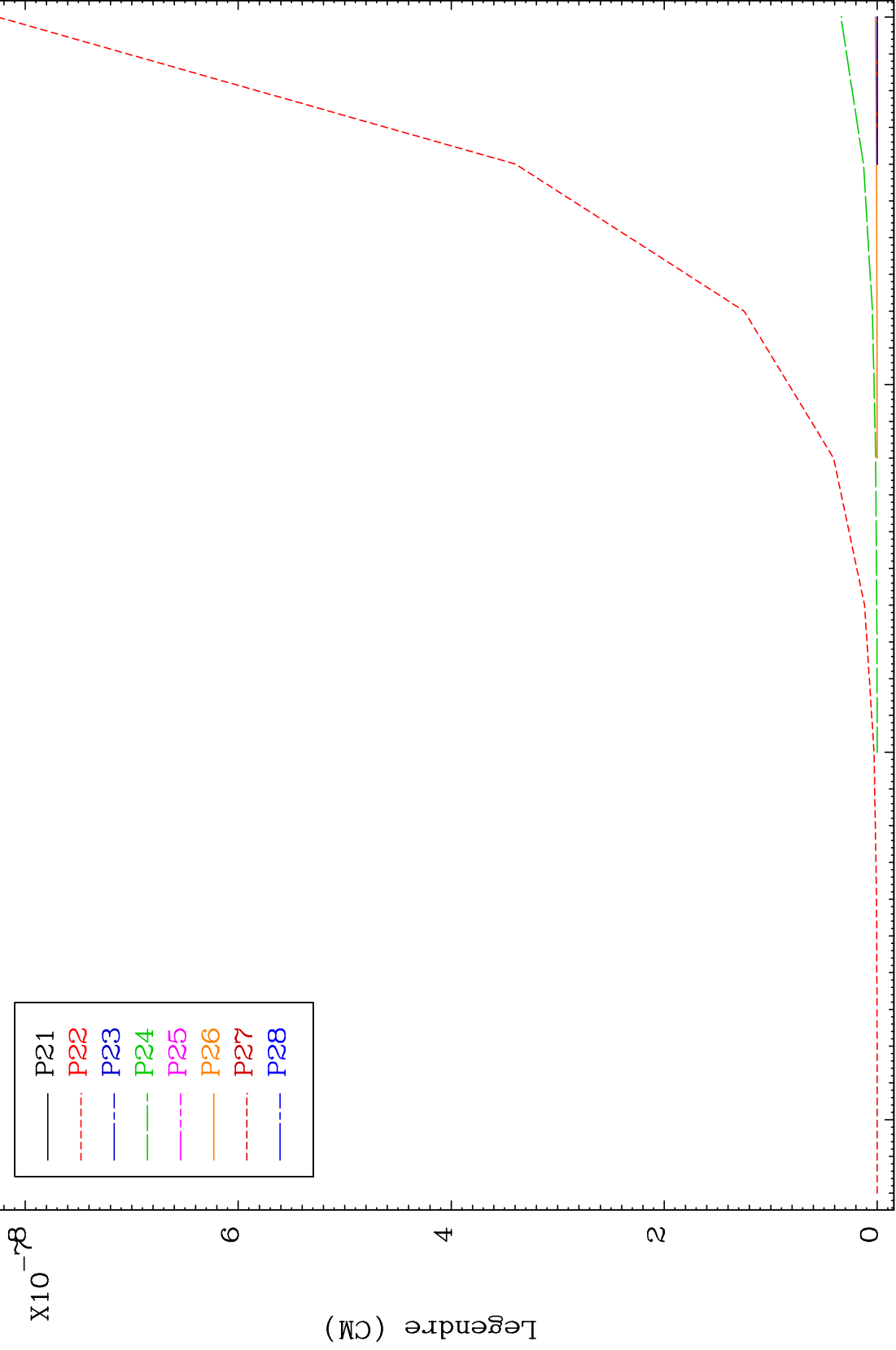
Incident Energy (MeV)

79-Au-177

MAT 7866

Elastic  
Legendre Coefficients

79-Au-177



17

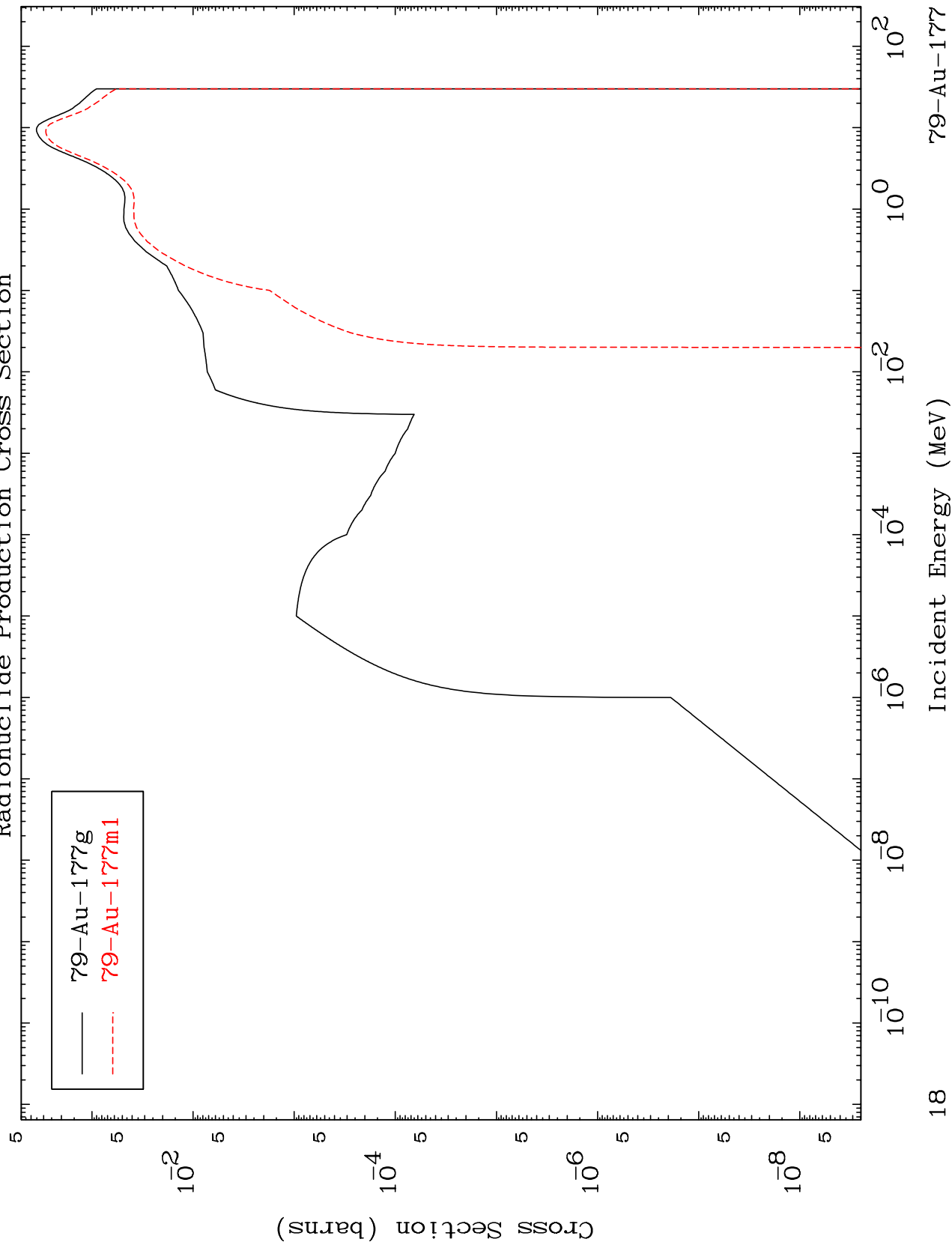
Incident Energy (MeV)

79-Au-177

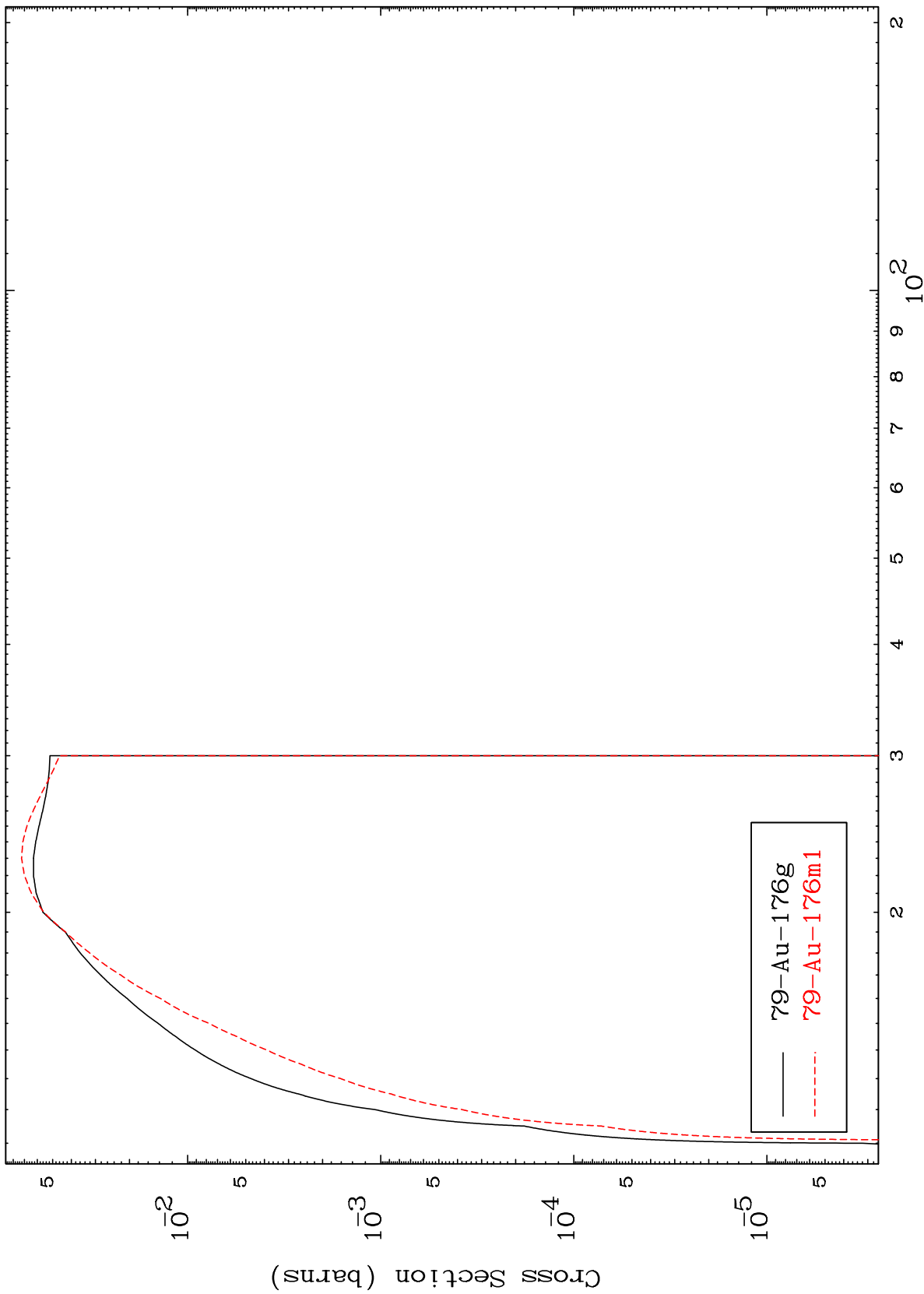
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Inelastic  
Radionuclide Production Cross Section

<sup>79</sup>Au-177



(n,2n)  
Radionuclide Production Cross Section

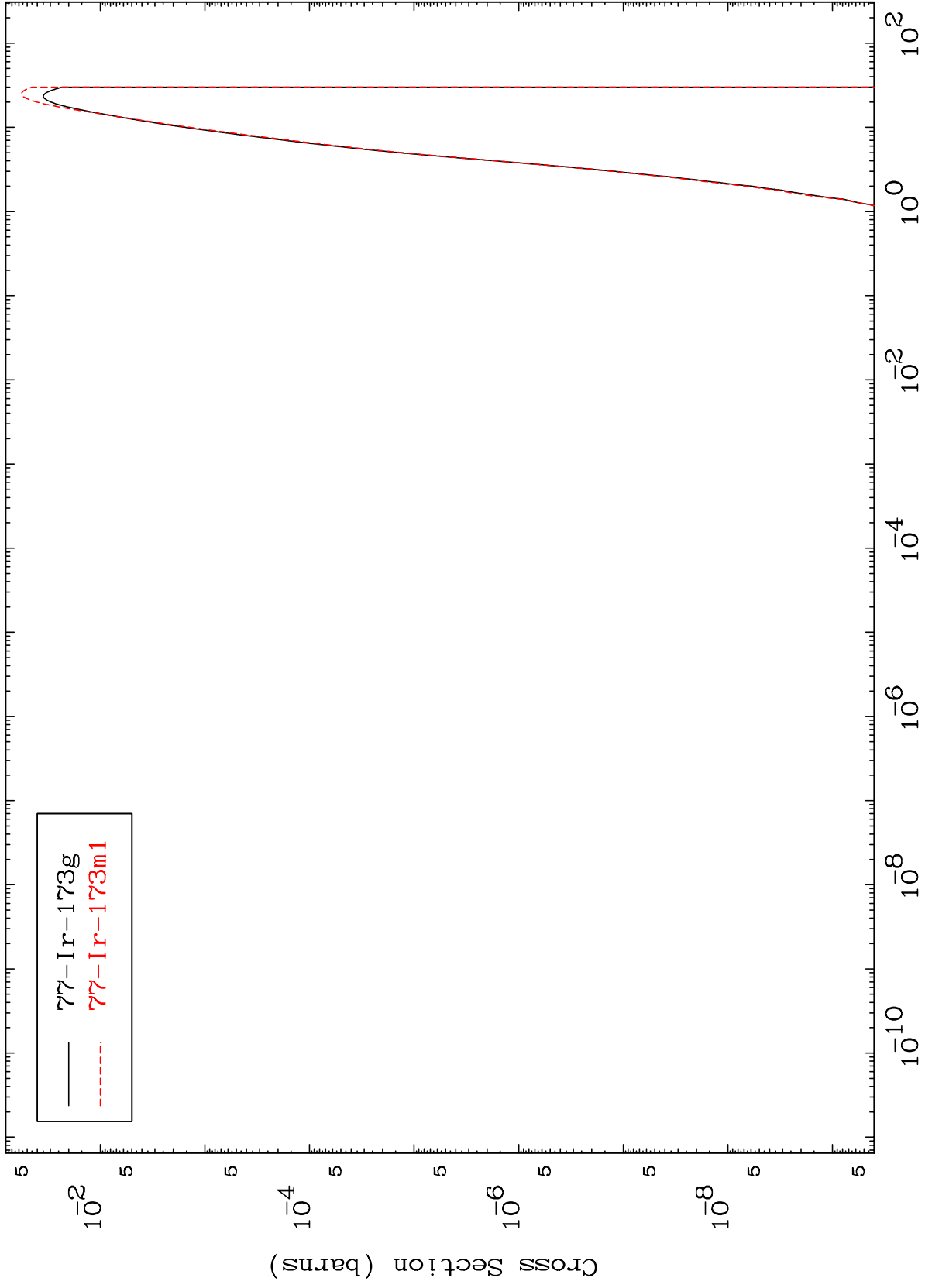


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$(n, n') \alpha$

$^{79}\text{Au-177}$

Radionuclide Production Cross Section

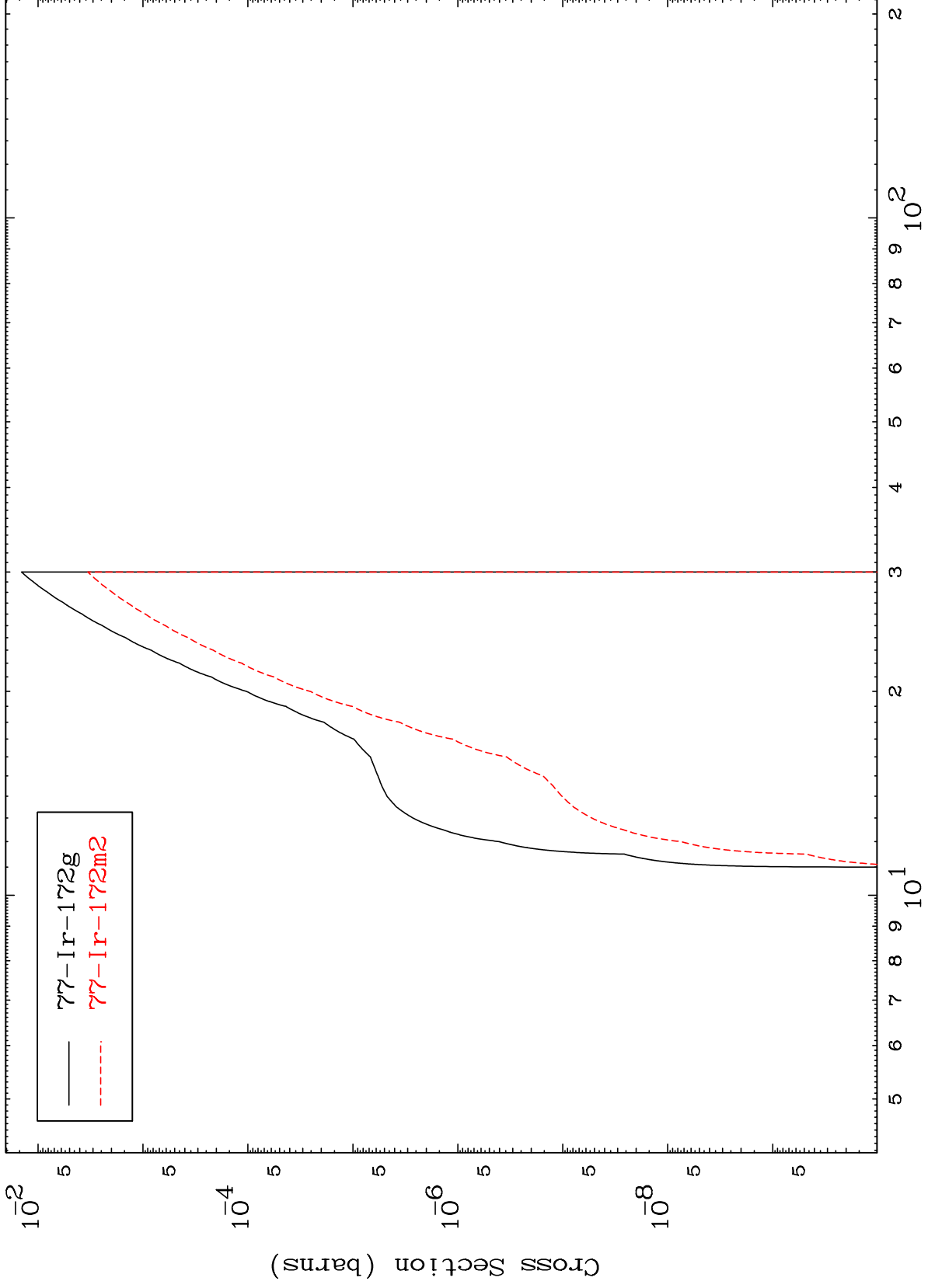


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$(n, 2n)$   $\alpha$

$^{79}\text{Au-177}$

Radionuclide Production Cross Section



21

Incident Energy (MeV)

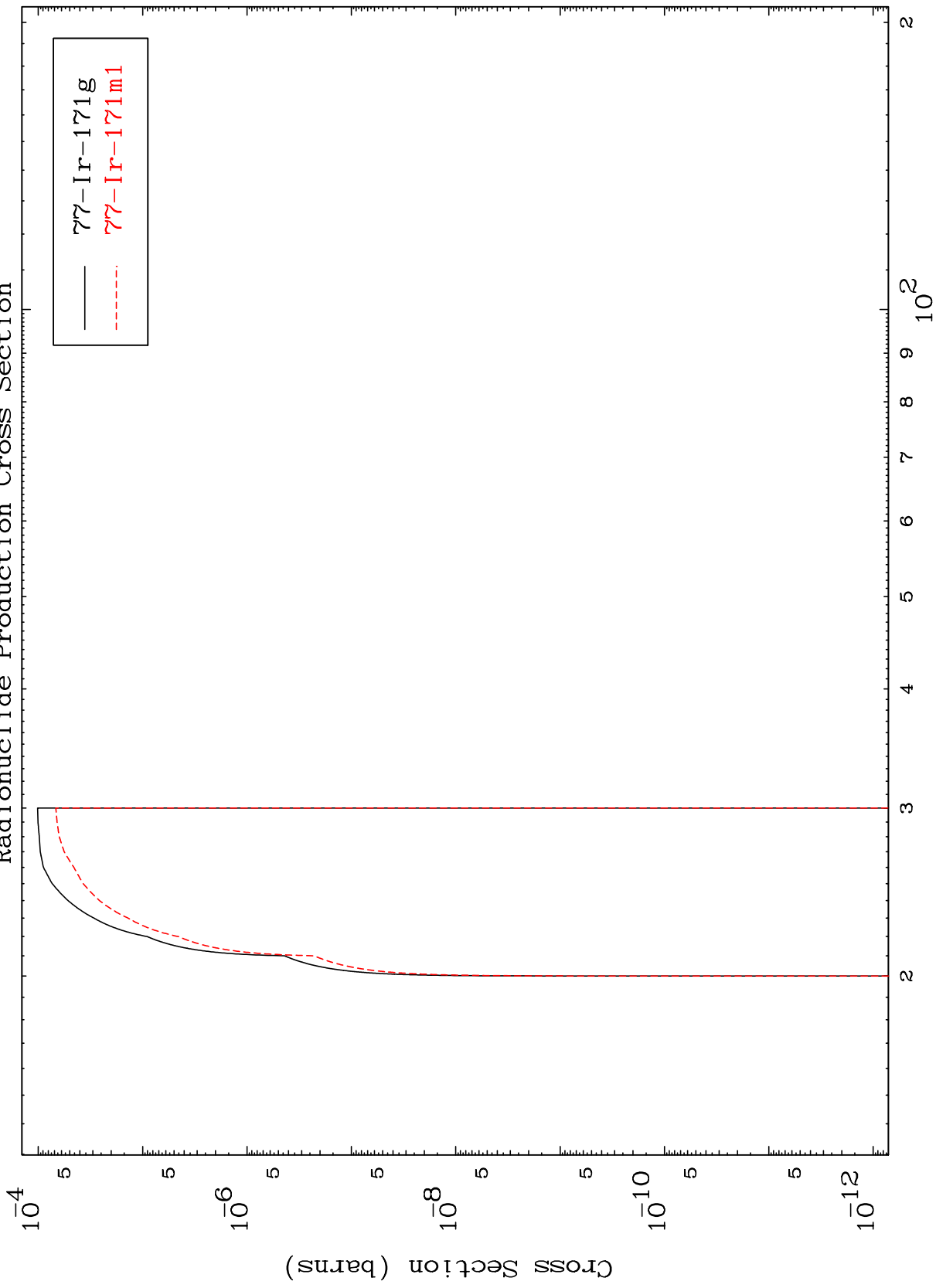
$^{79}\text{Au-177}$

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(n,3n)  $\alpha$

79-Au-177

Radionuclide Production Cross Section



22

Incident Energy (MeV)

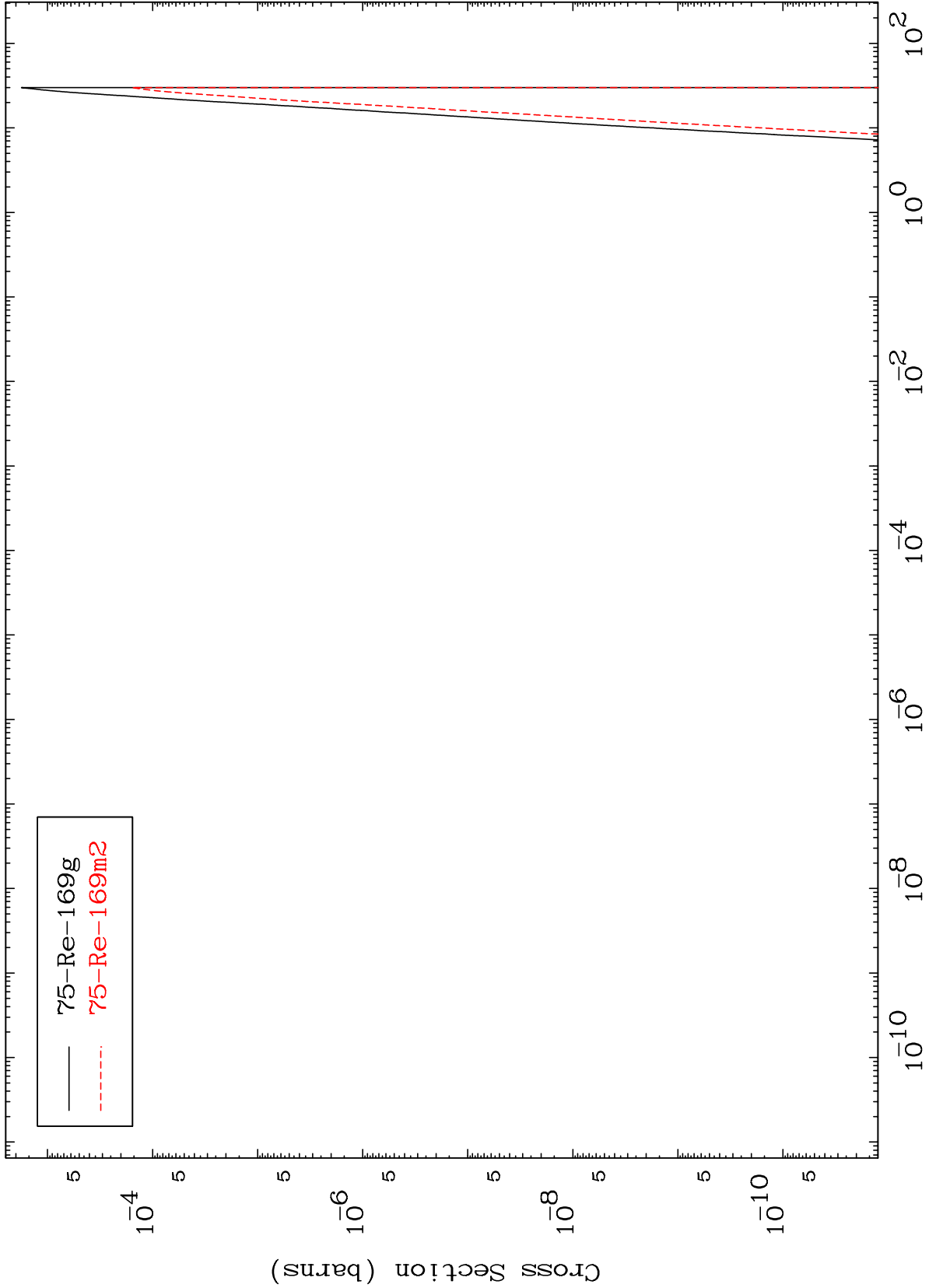
79-Au-177

MAT 7866

(n,n') 2 $\alpha$

<sup>79</sup>Au-177

Radionuclide Production Cross Section



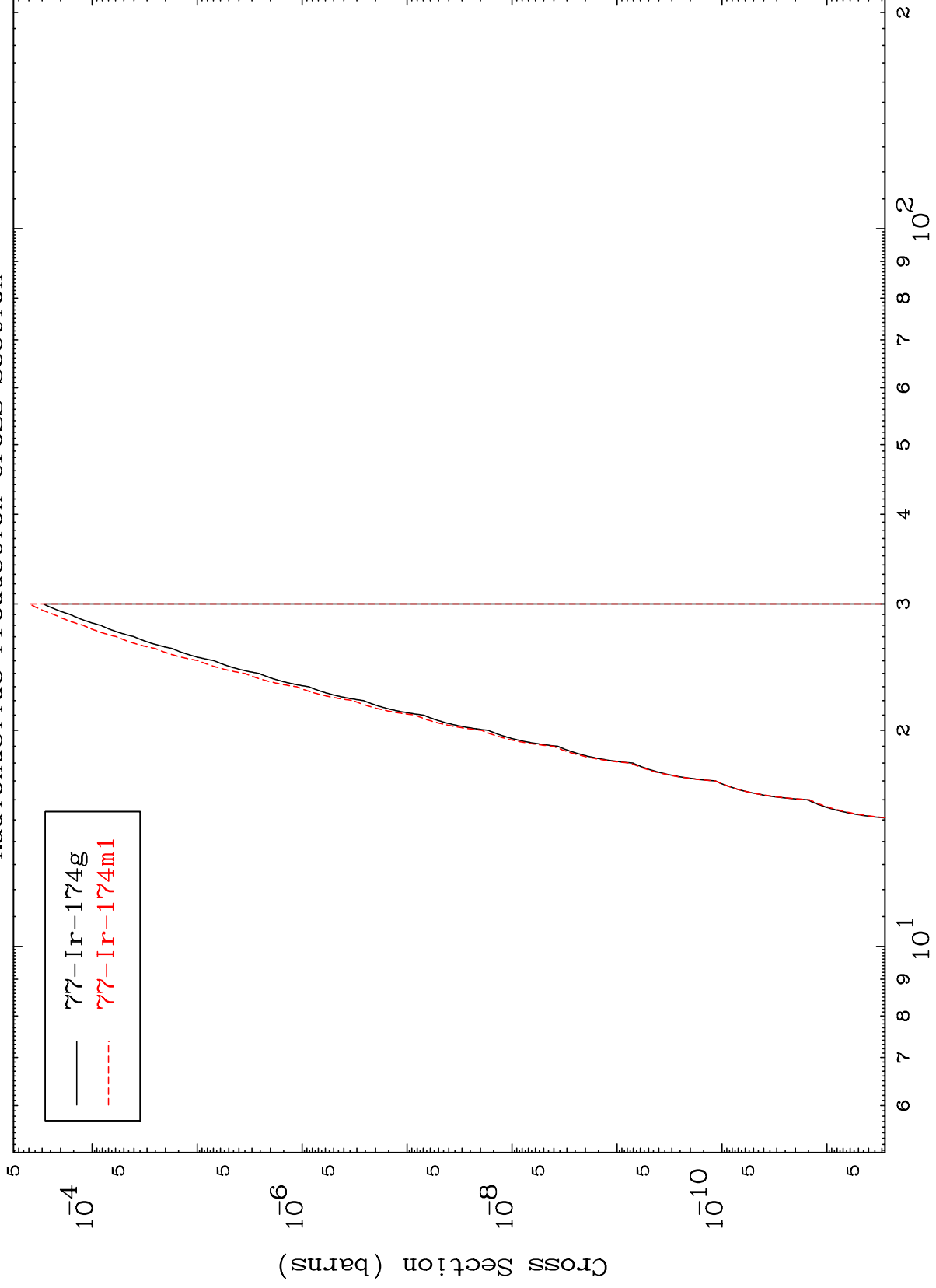


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(n,n') He-3

79-Au-177

Radionuclide Production Cross Section



24

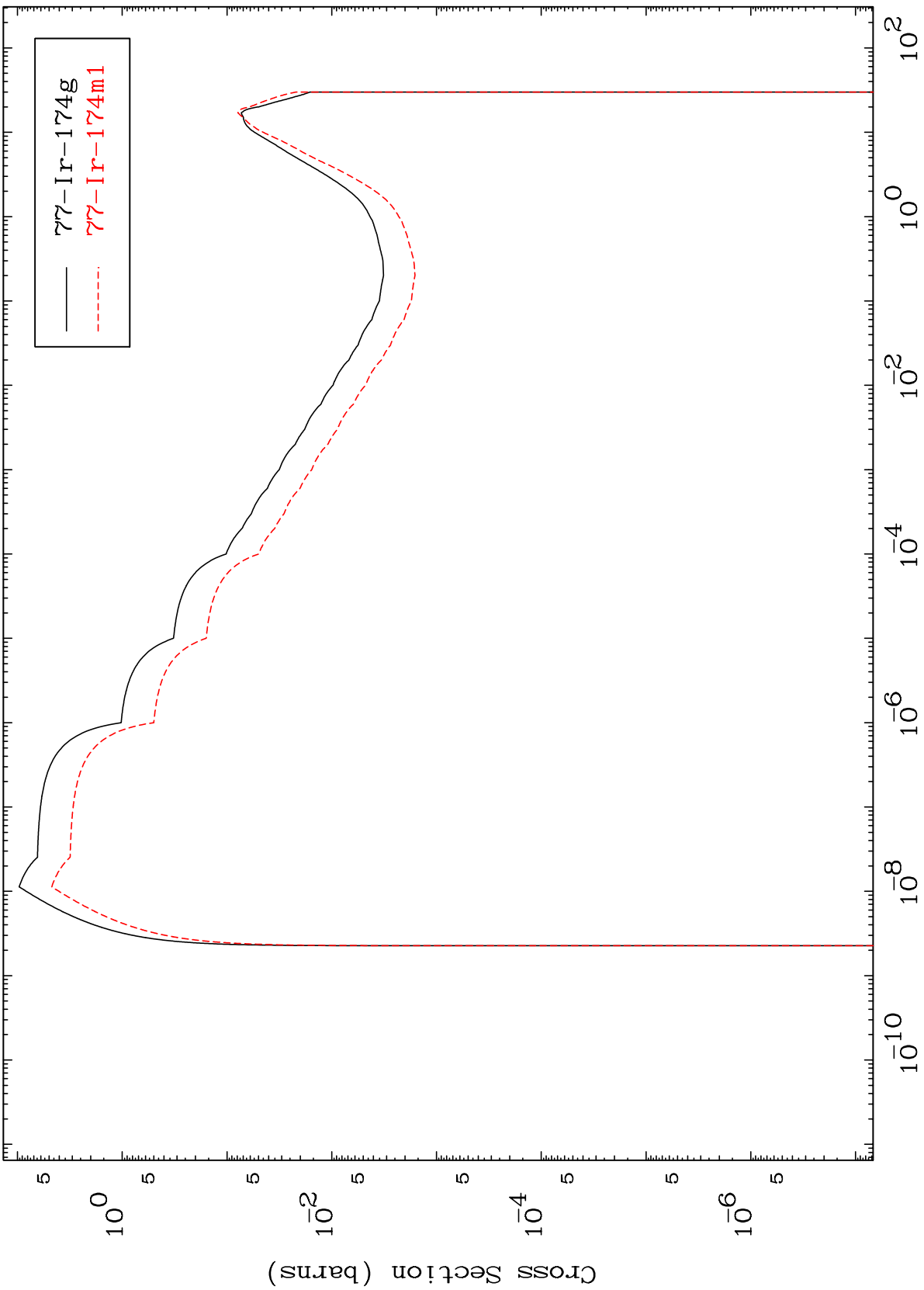
Incident Energy (MeV)

79-Au-177

MAT 7866

79-Au-177

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



25

79-Au-177

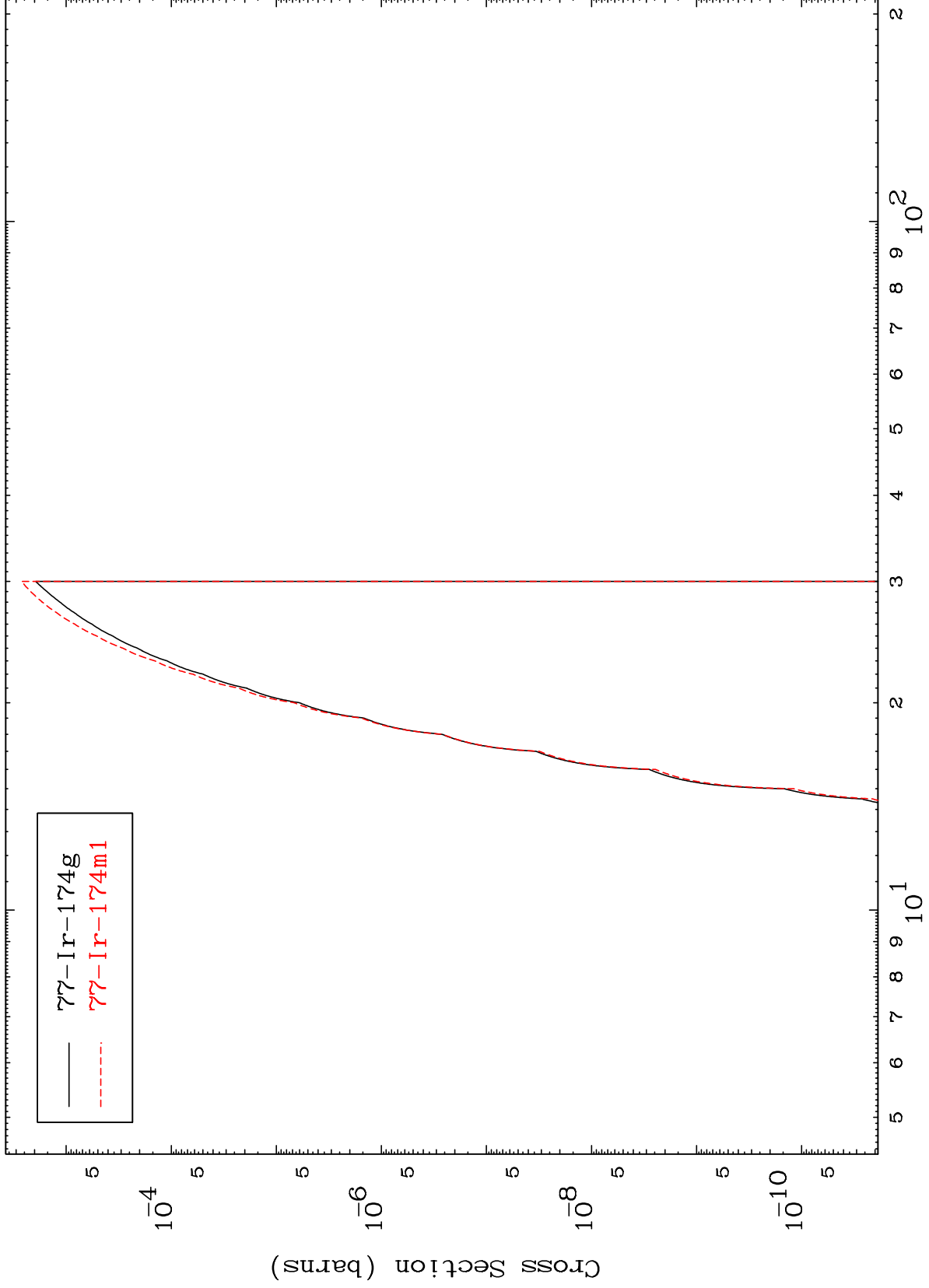
Incident Energy (MeV)

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(n,p) t

<sup>79</sup>Au-177

Radionuclide Production Cross Section



26

Incident Energy (MeV)

<sup>79</sup>Au-177