

Program EVALPLOT  
(Version 2015-2)

by

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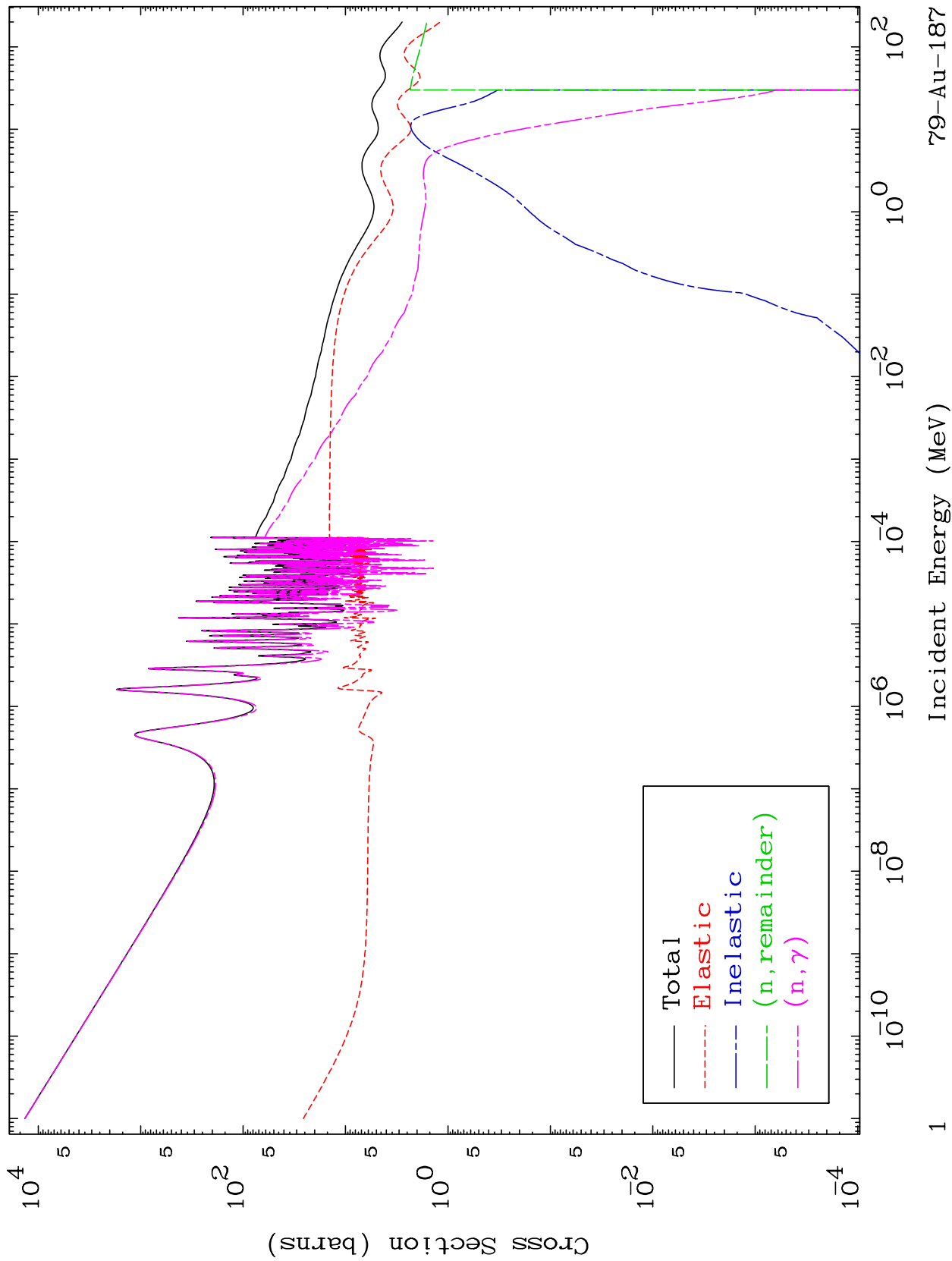
Press Mouse Button to Start

MAT 7896

Major

293 Kelvin Cross Sections

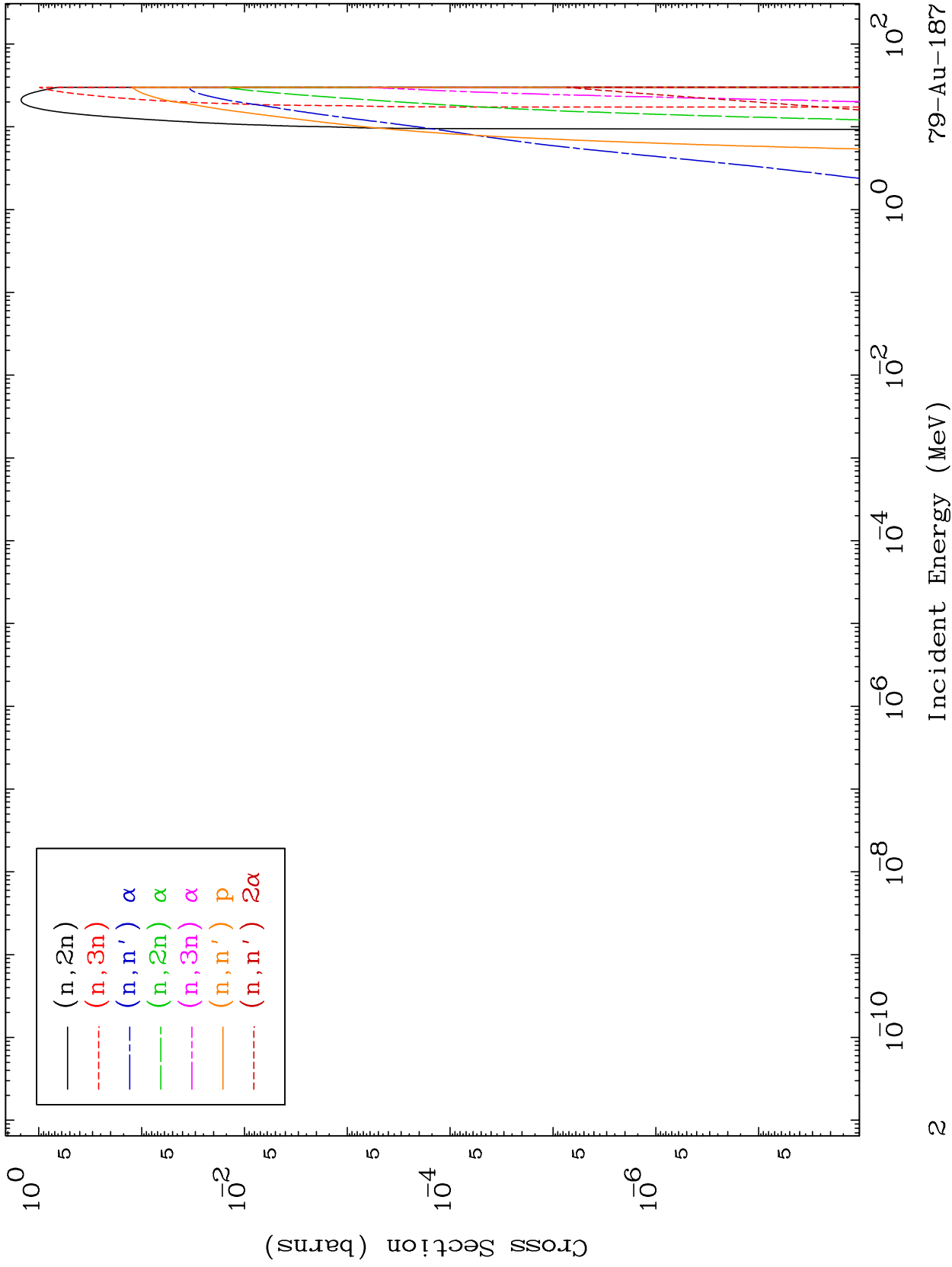
79-Au-187



MAT 7896

Neutron Production  
293 Kelvin Cross Sections

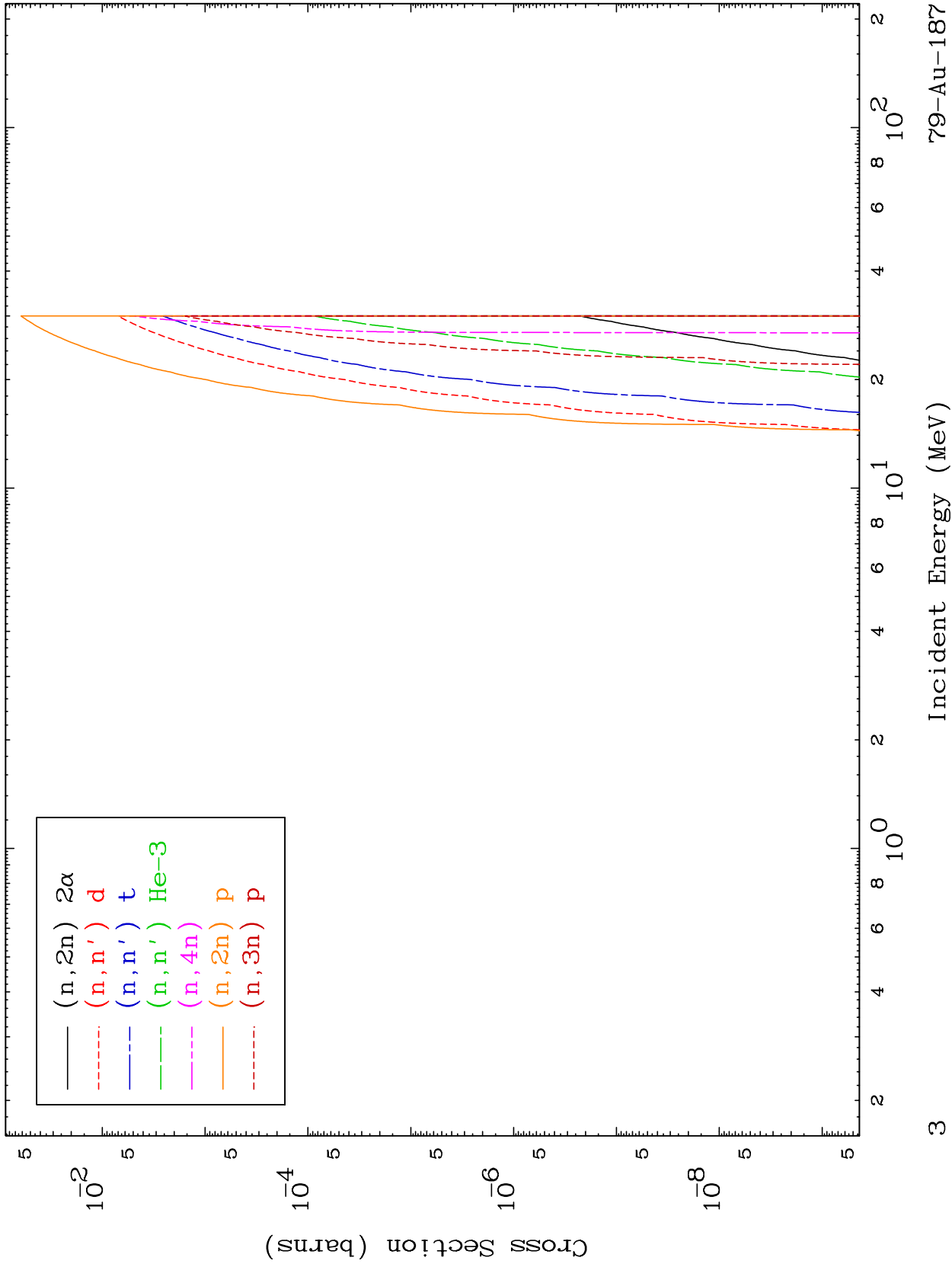
79-Au-187



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Neutron Production  
293 Kelvin Cross Sections

79-Au-187



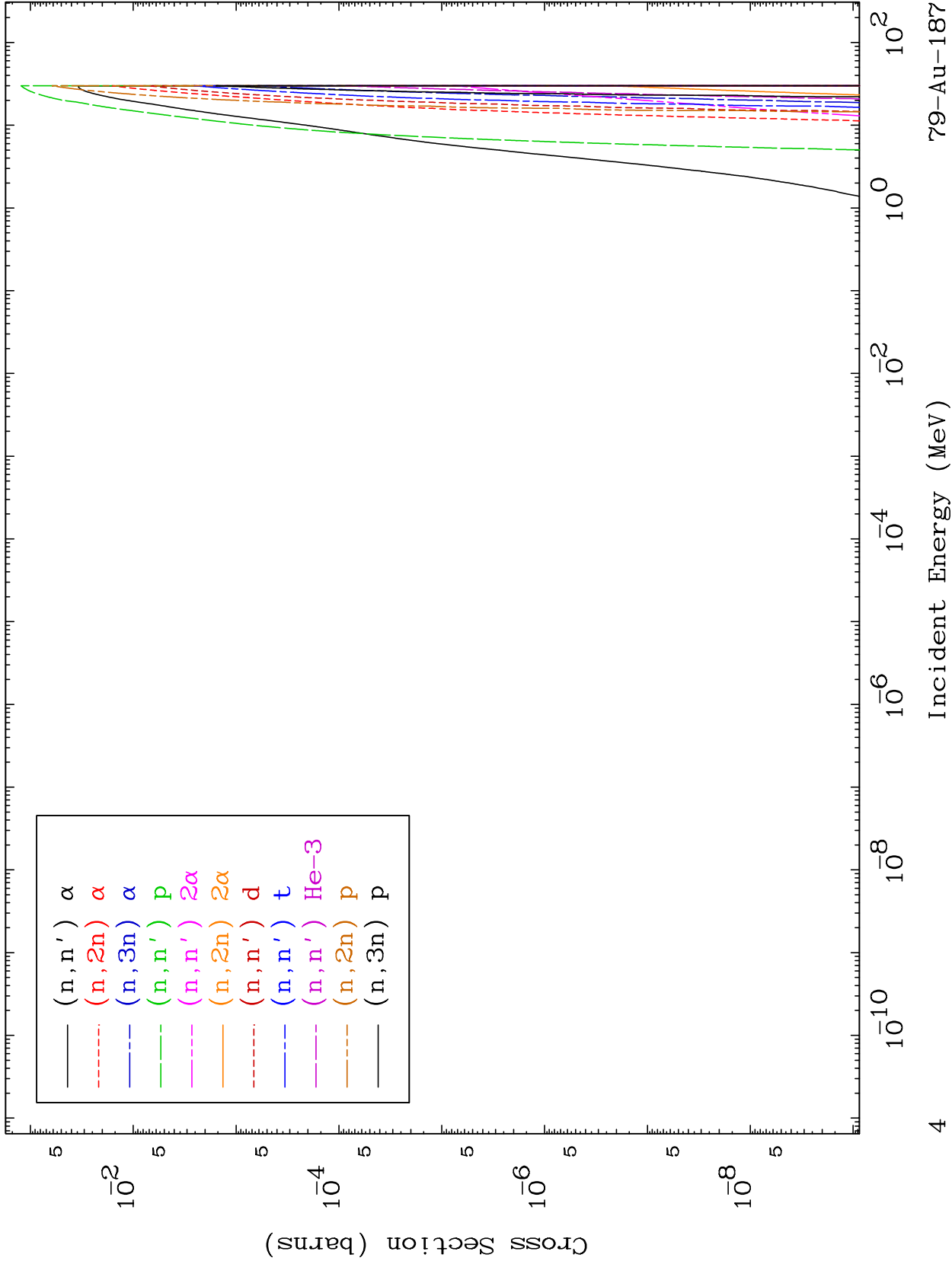
79-Au-187

Incident Energy (MeV)

MAT 7896

Charged Particle  
293 Kelvin Cross Sections

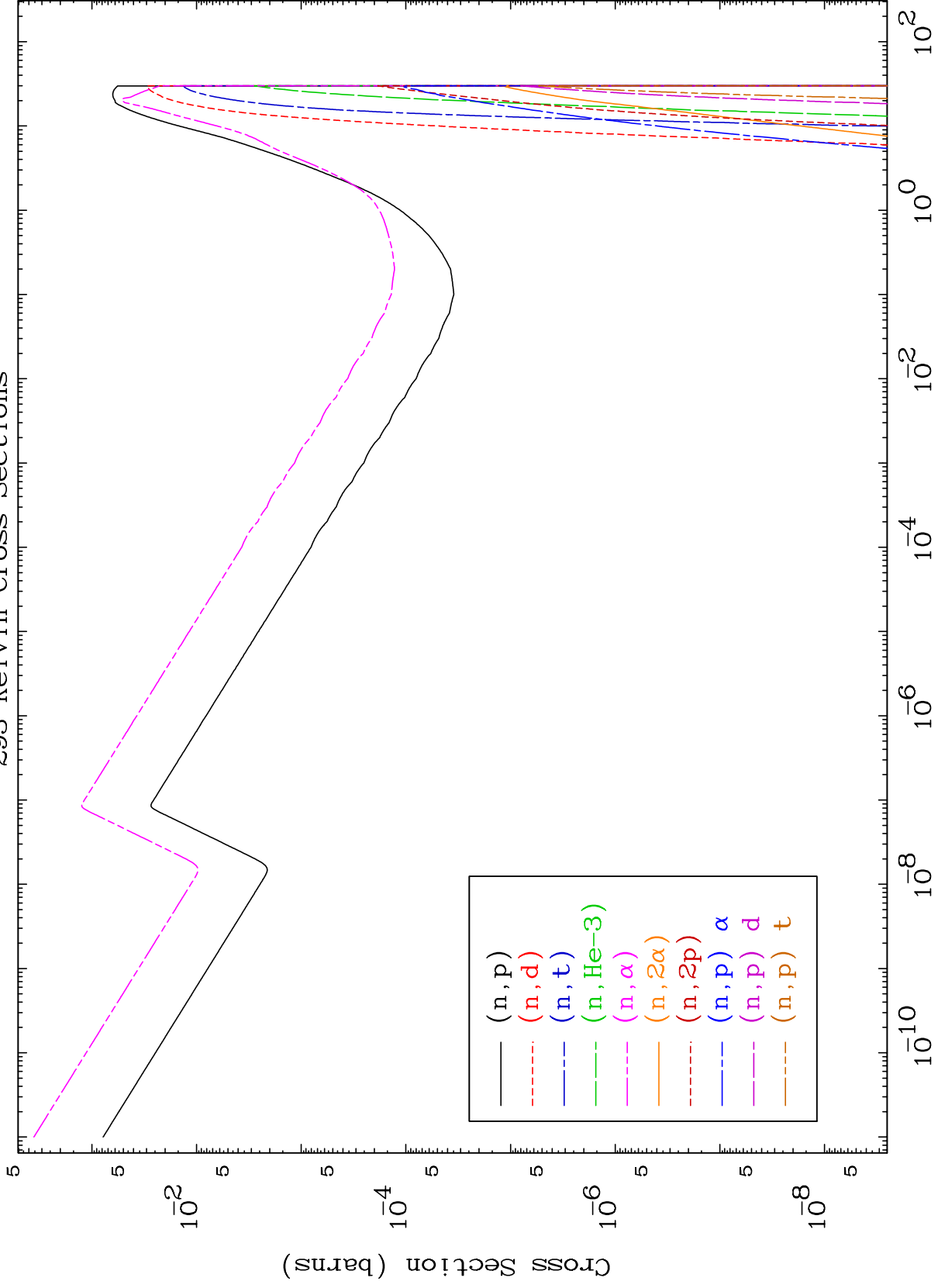
79-Au-187

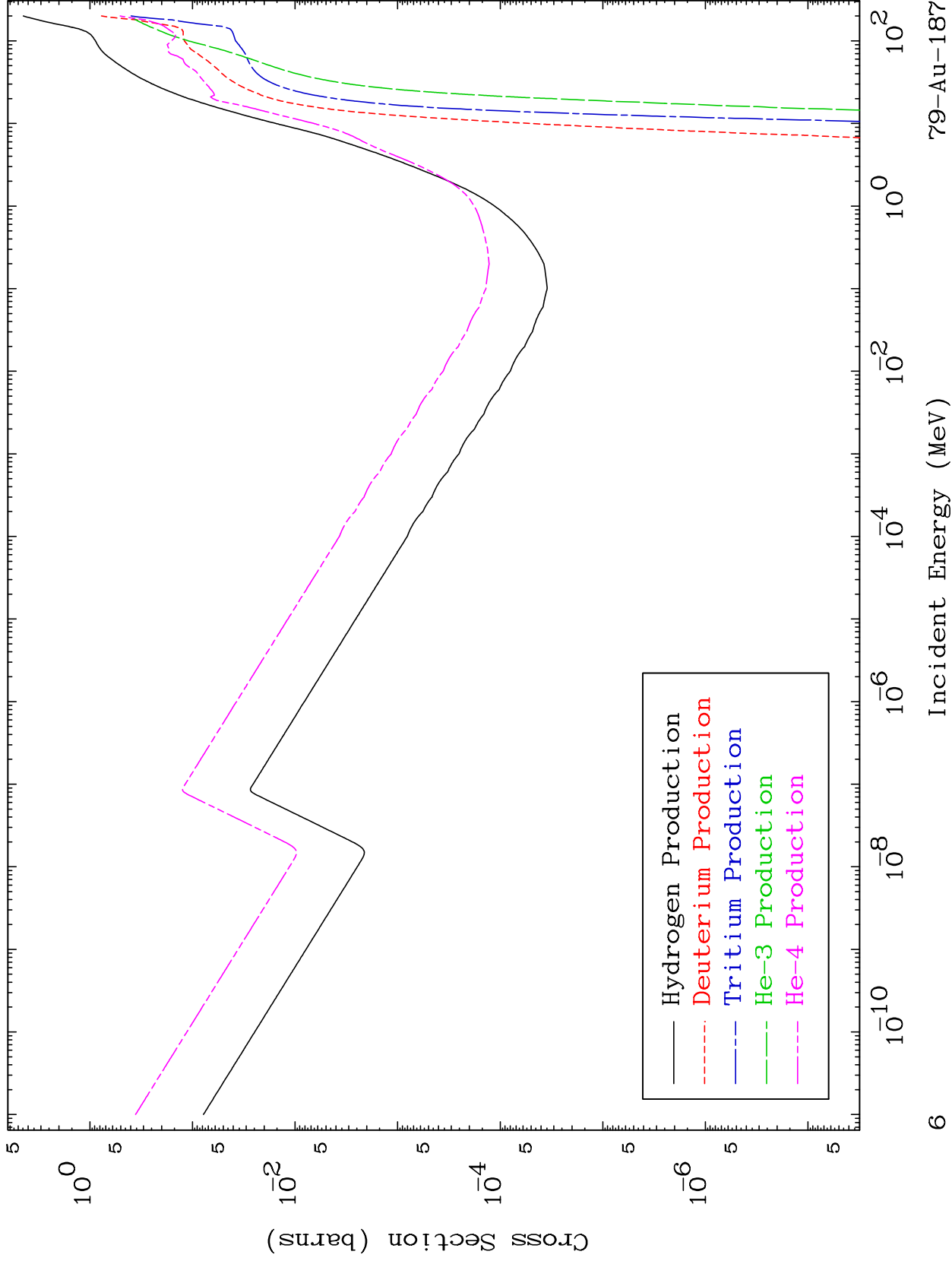


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Charged Particle  
293 Kelvin Cross Sections

79-Au-187

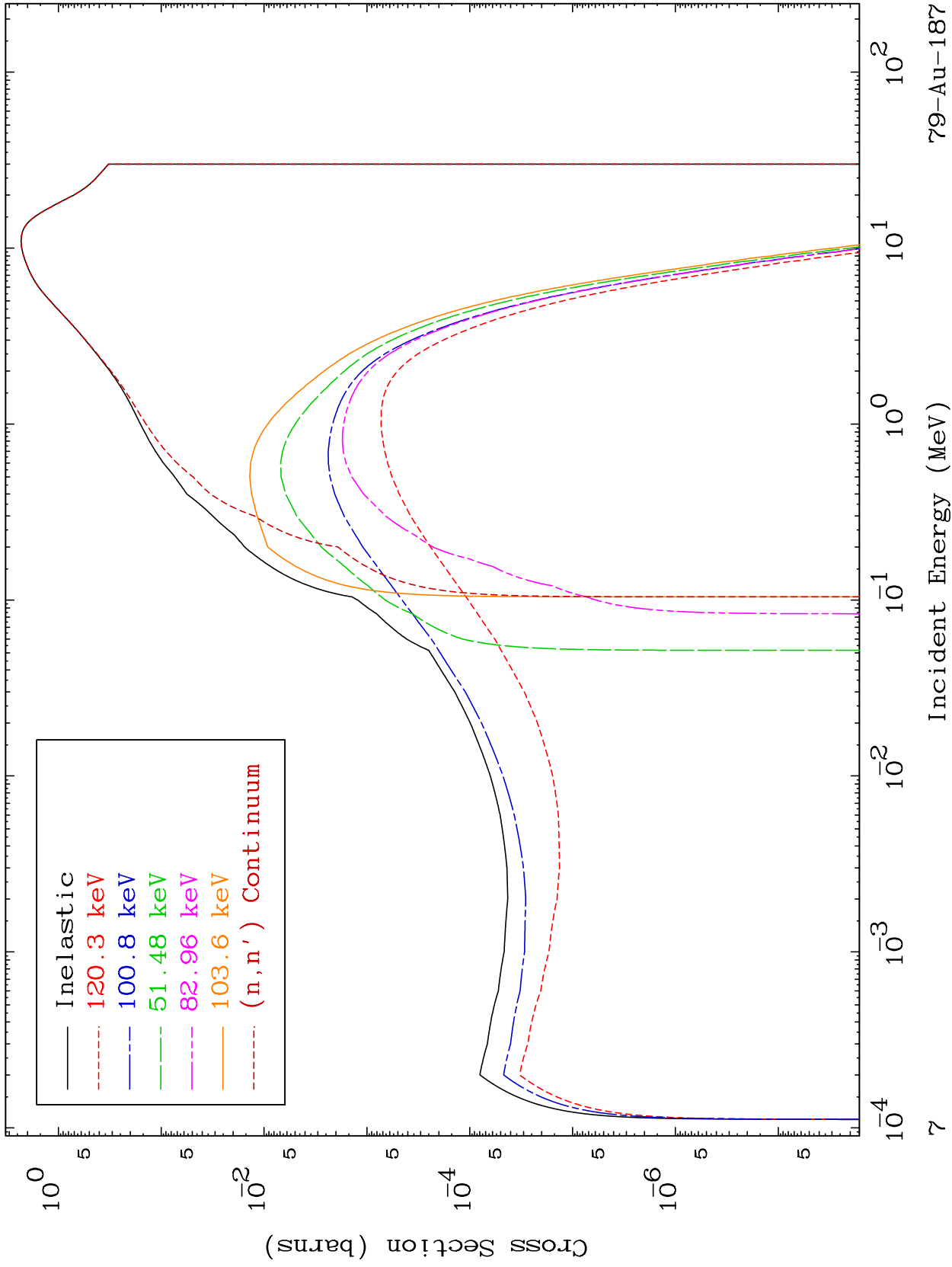




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293 Kelvin Cross Sections  
(n,n') Level

79-Au-187

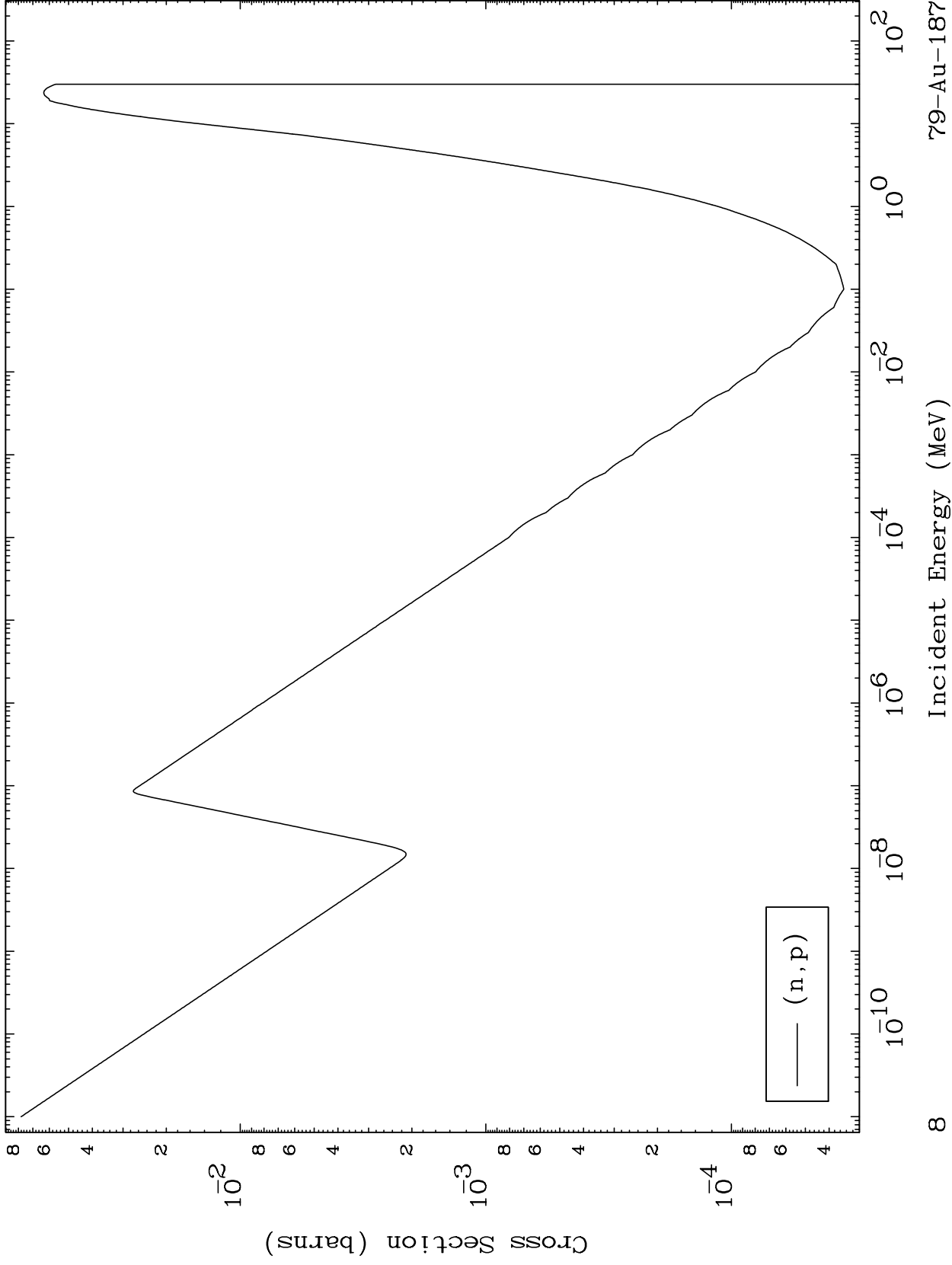




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(n,p) Levels  
293 Kelvin Cross Sections

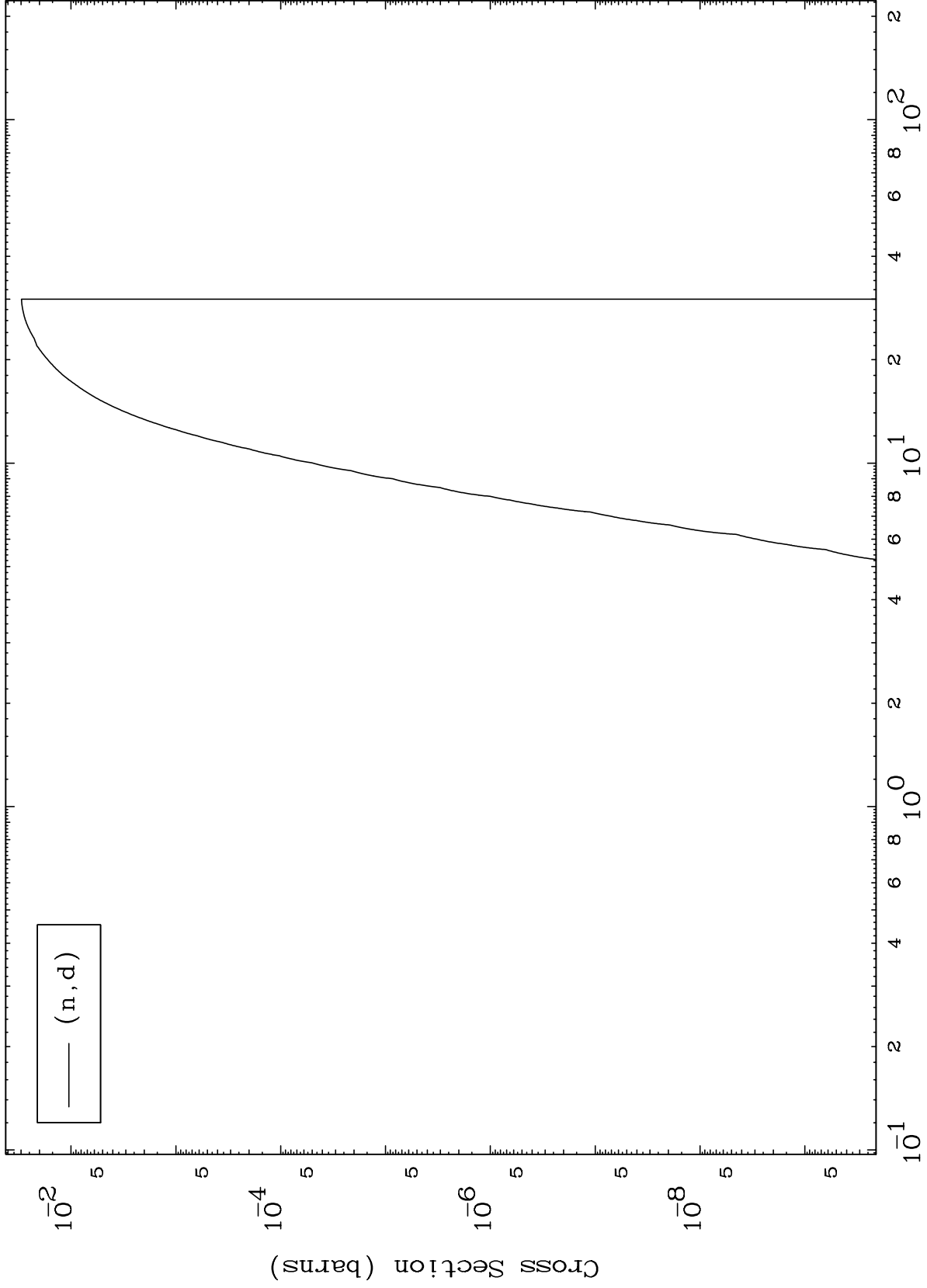
79-Au-187



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(n,d) Levels  
293 Kelvin Cross Sections

79-Au-187



9

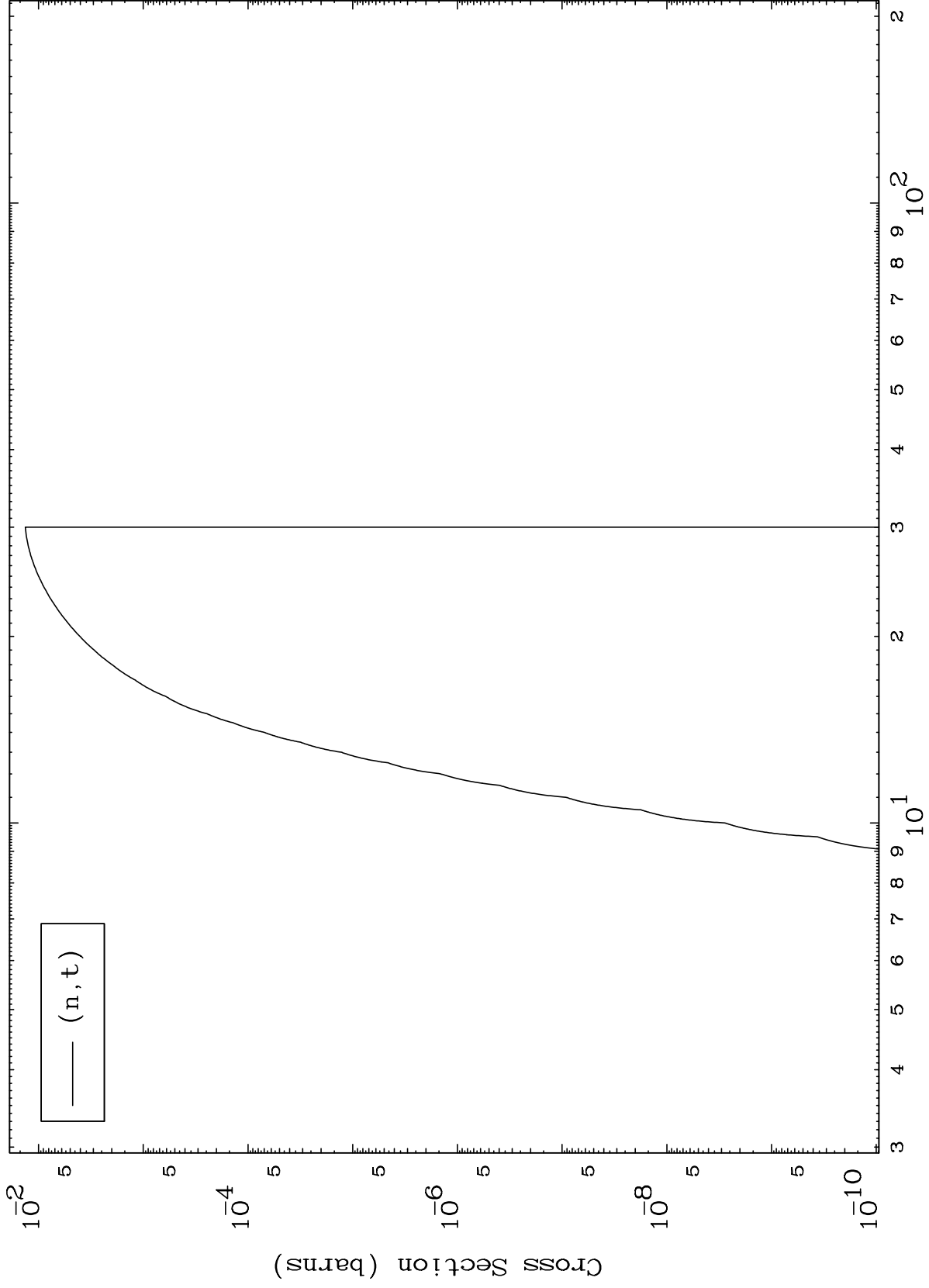
Incident Energy (MeV)

79-Au-187

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(n,t) Levels  
293 Kelvin Cross Sections

79-Au-187



10

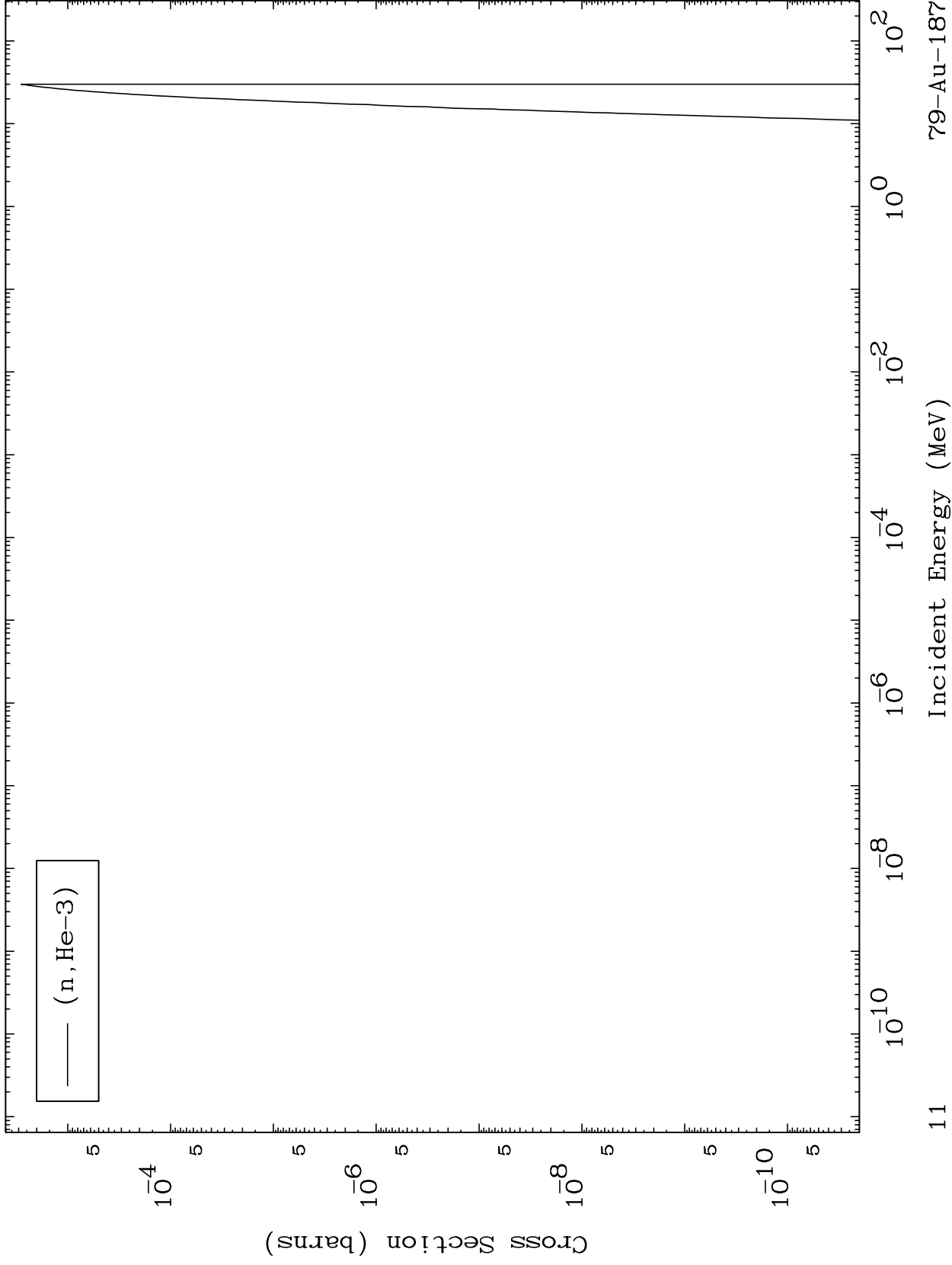
Incident Energy (MeV)

79-Au-187

MAT 7896

(n,He3) Levels  
293 Kelvin Cross Sections

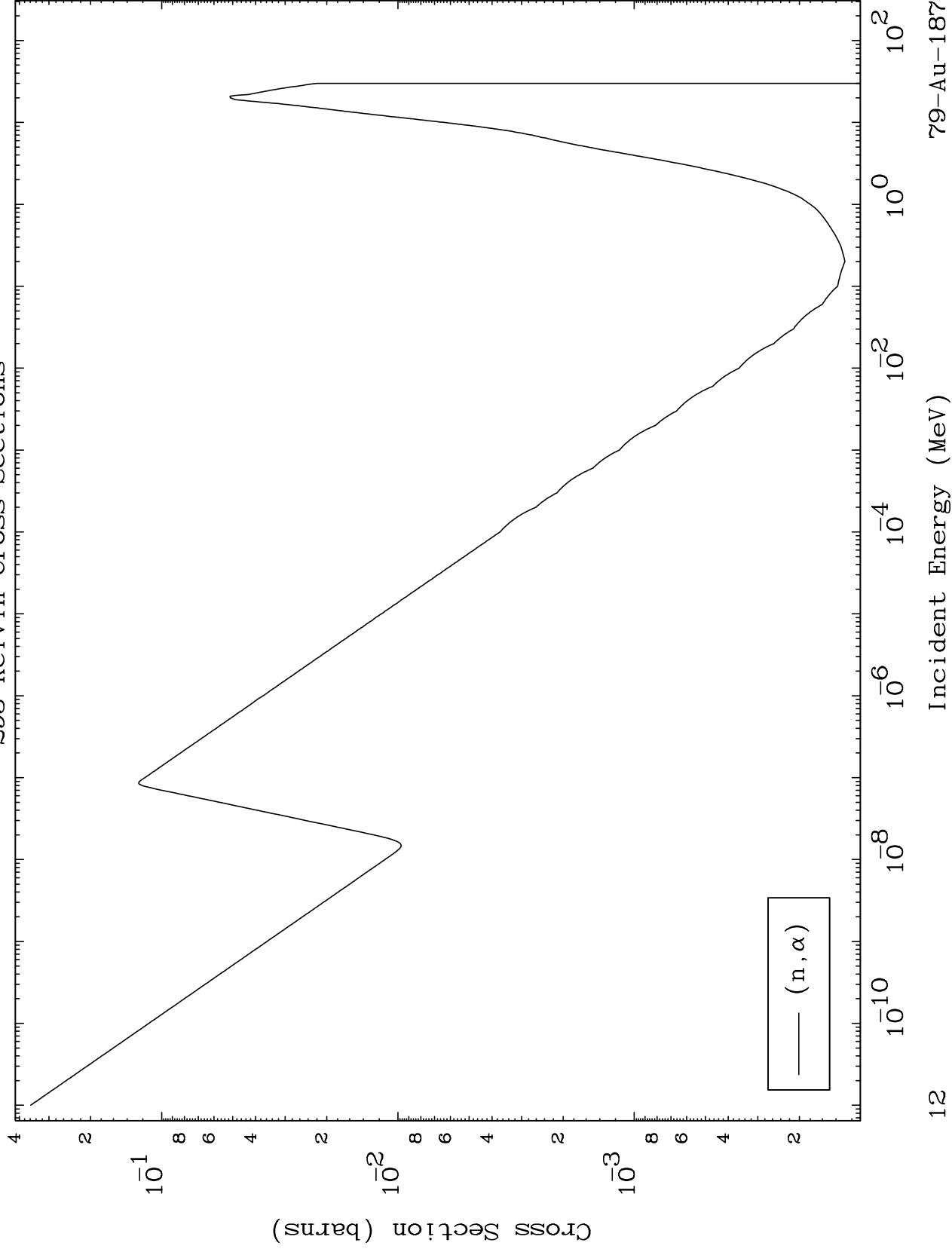
79-Au-187



MAT 7896

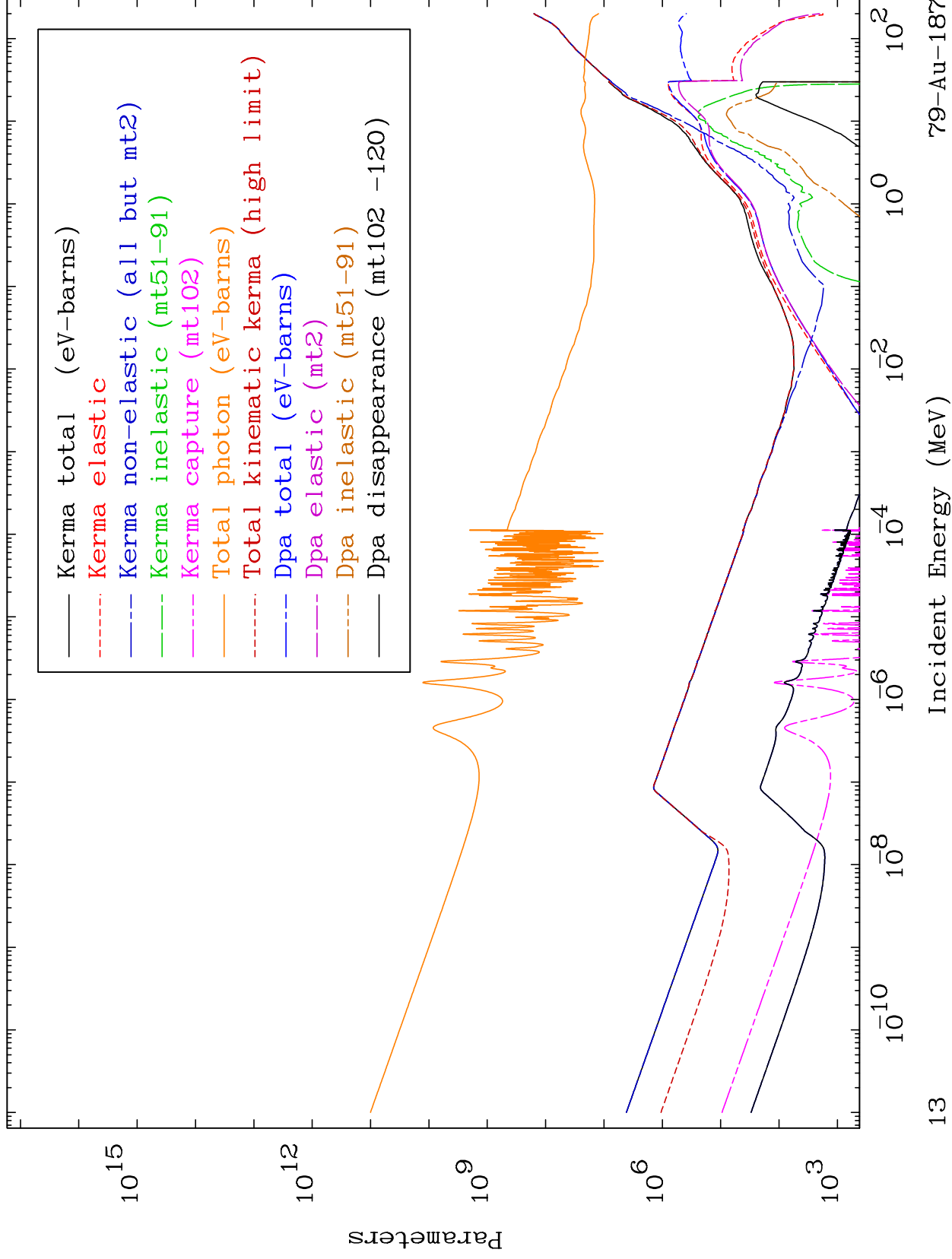
(n,α) Levels  
293 Kelvin Cross Sections

79-Au-187



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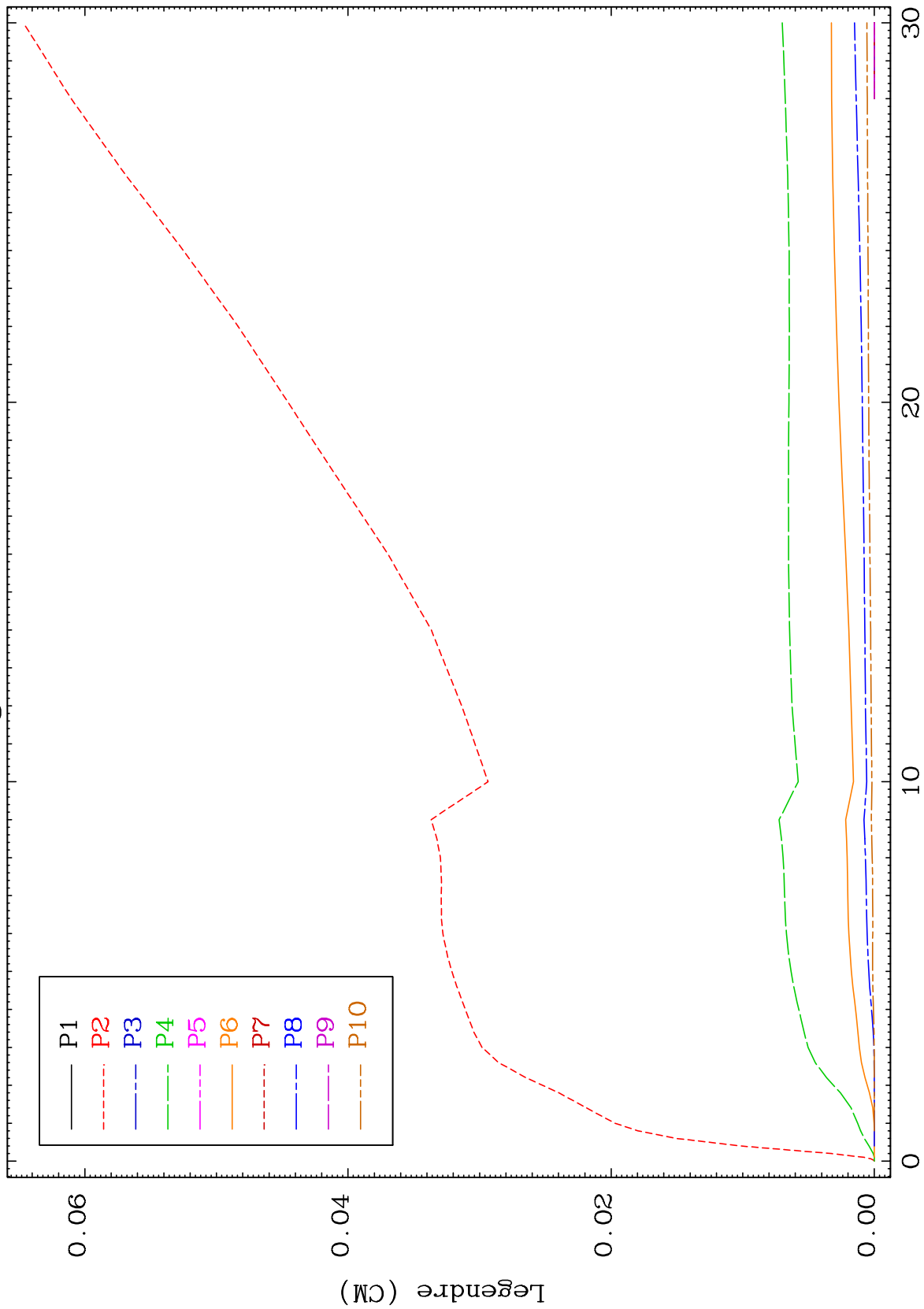
79-Au-187



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Elastic Legendre Coefficients

79-Au-187



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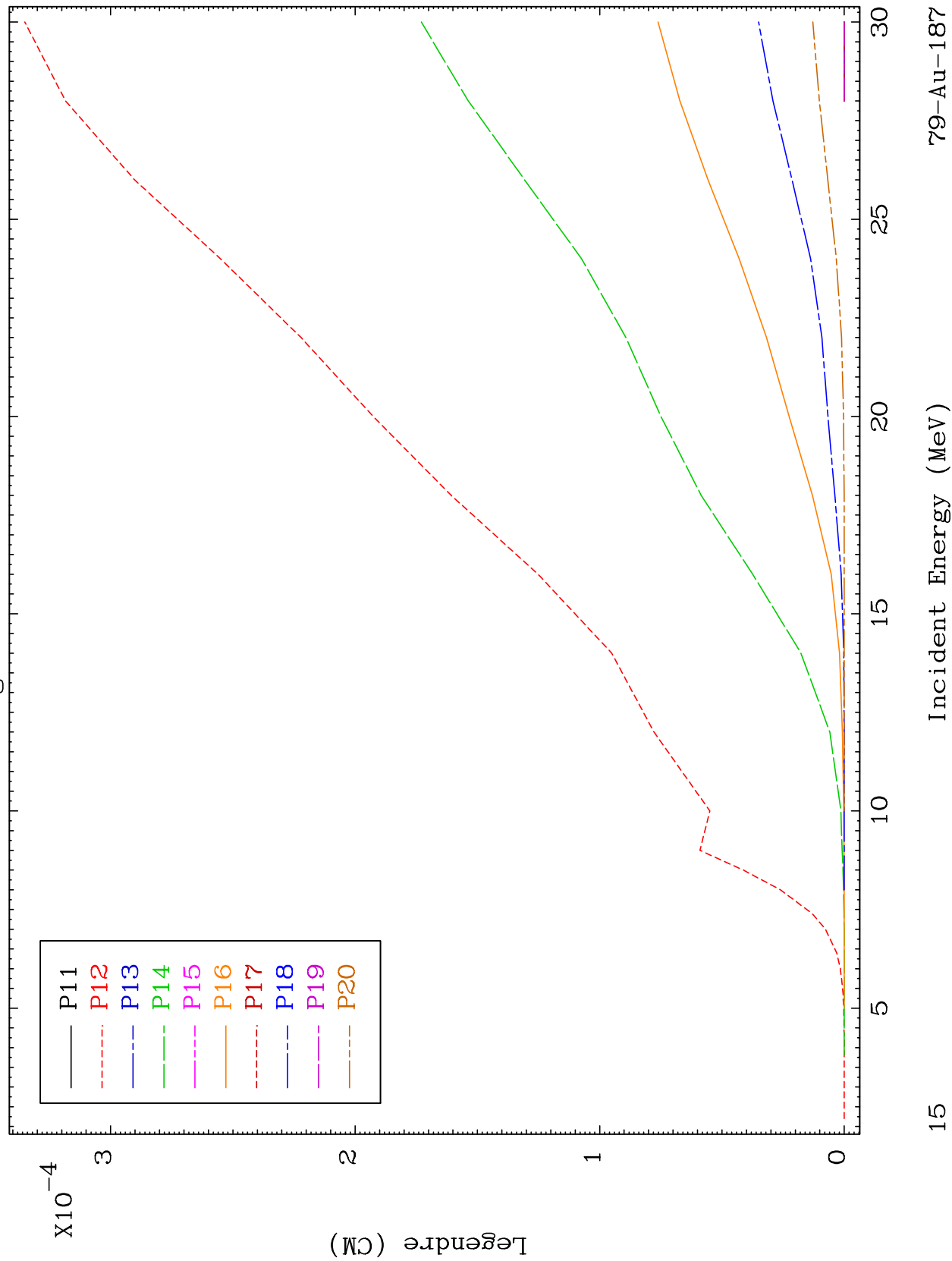
Incident Energy (MeV)

79-Au-187

MAT 7896

Elastic Legendre Coefficients

79-Au-187



15

Incident Energy (MeV)

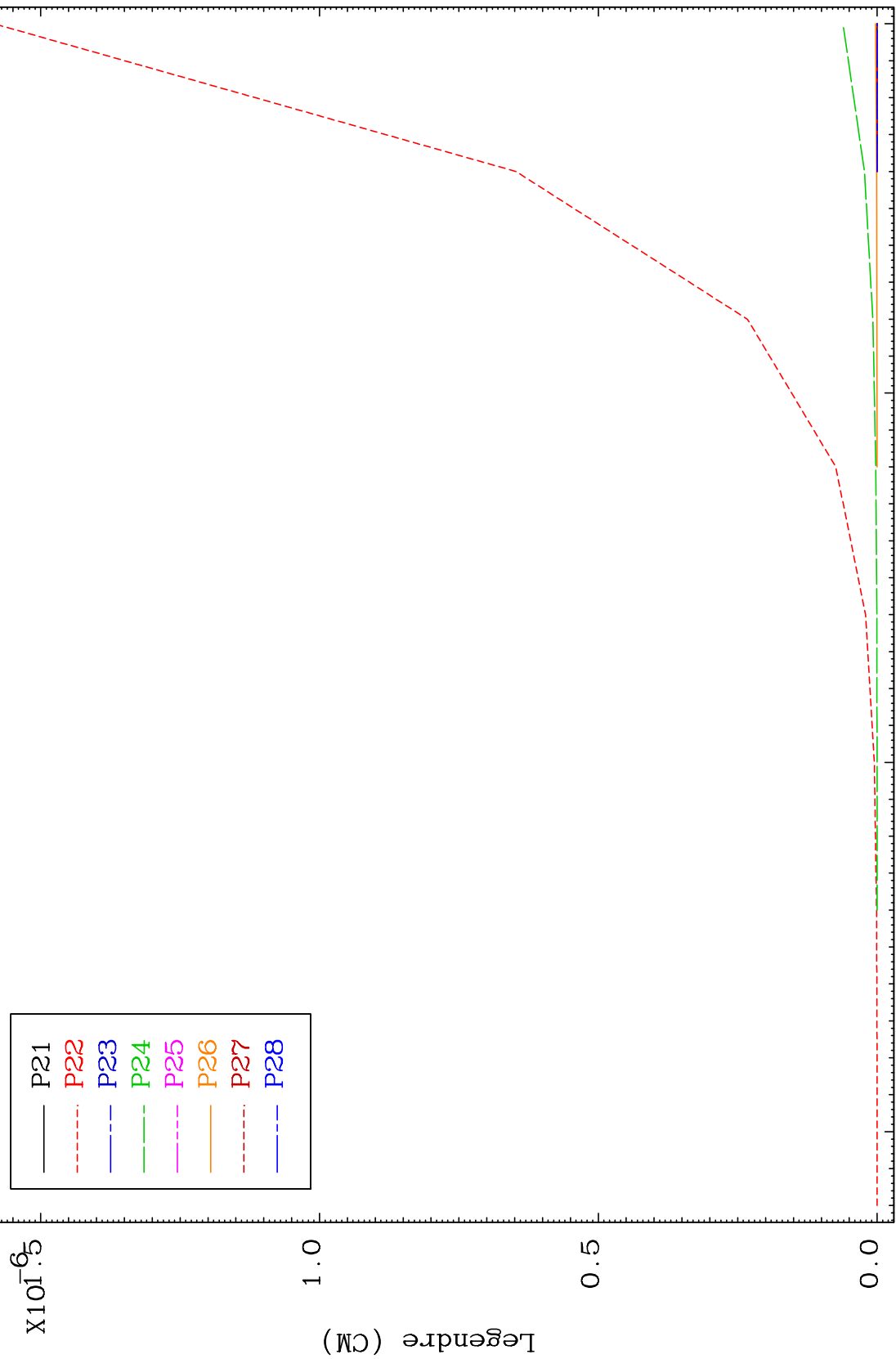
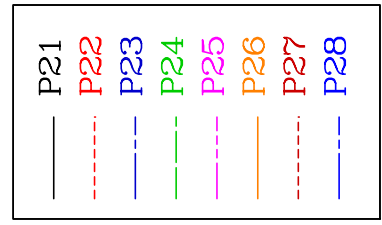
79-Au-187



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Elastic Legendre Coefficients

79-Au-187



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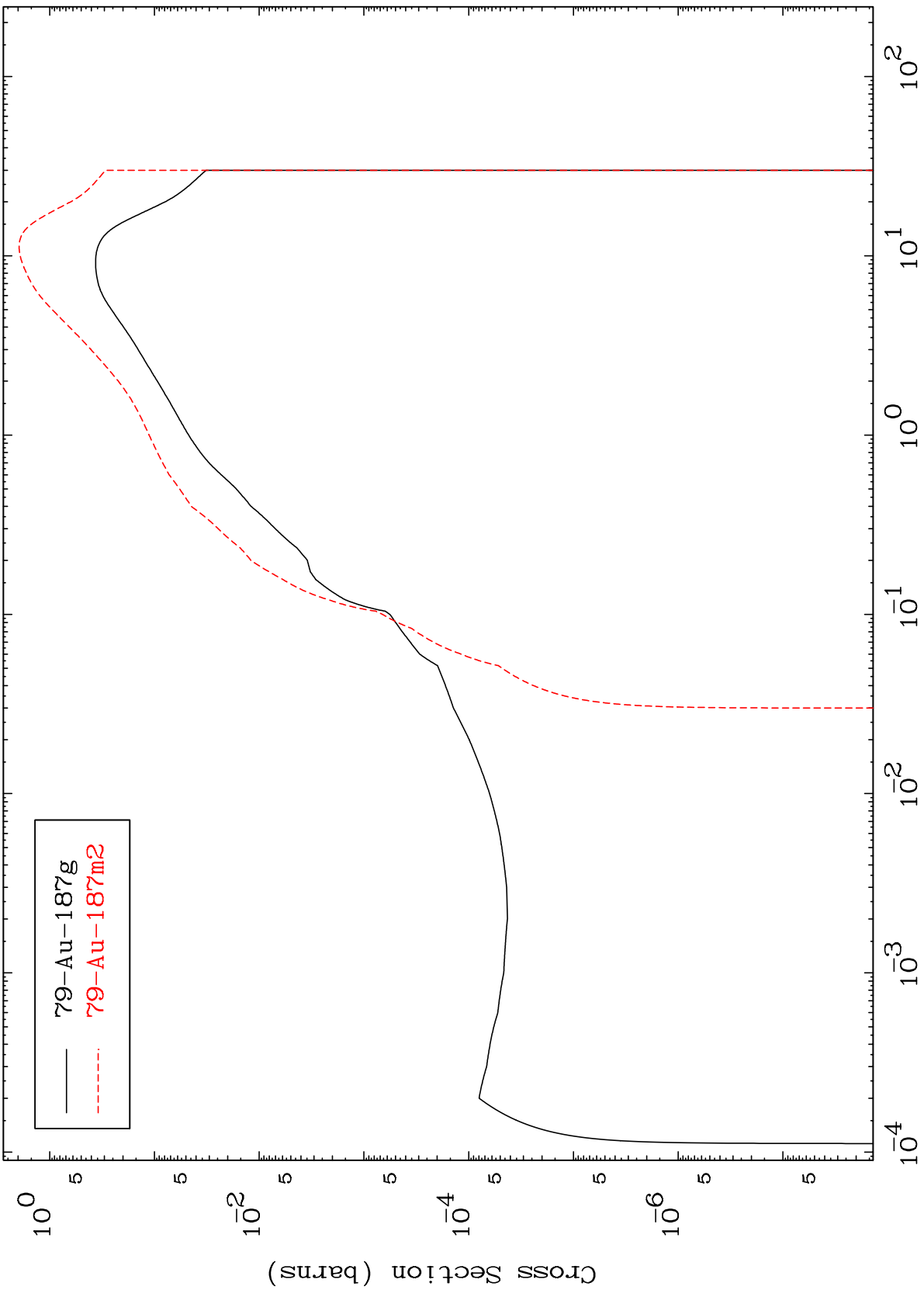
Incident Energy (MeV)

79-Au-187

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79-Au-187

Inelastic  
Radionuclide Production Cross Section



79-Au-187g  
79-Au-187m2

79-Au-187

Incident Energy (MeV)

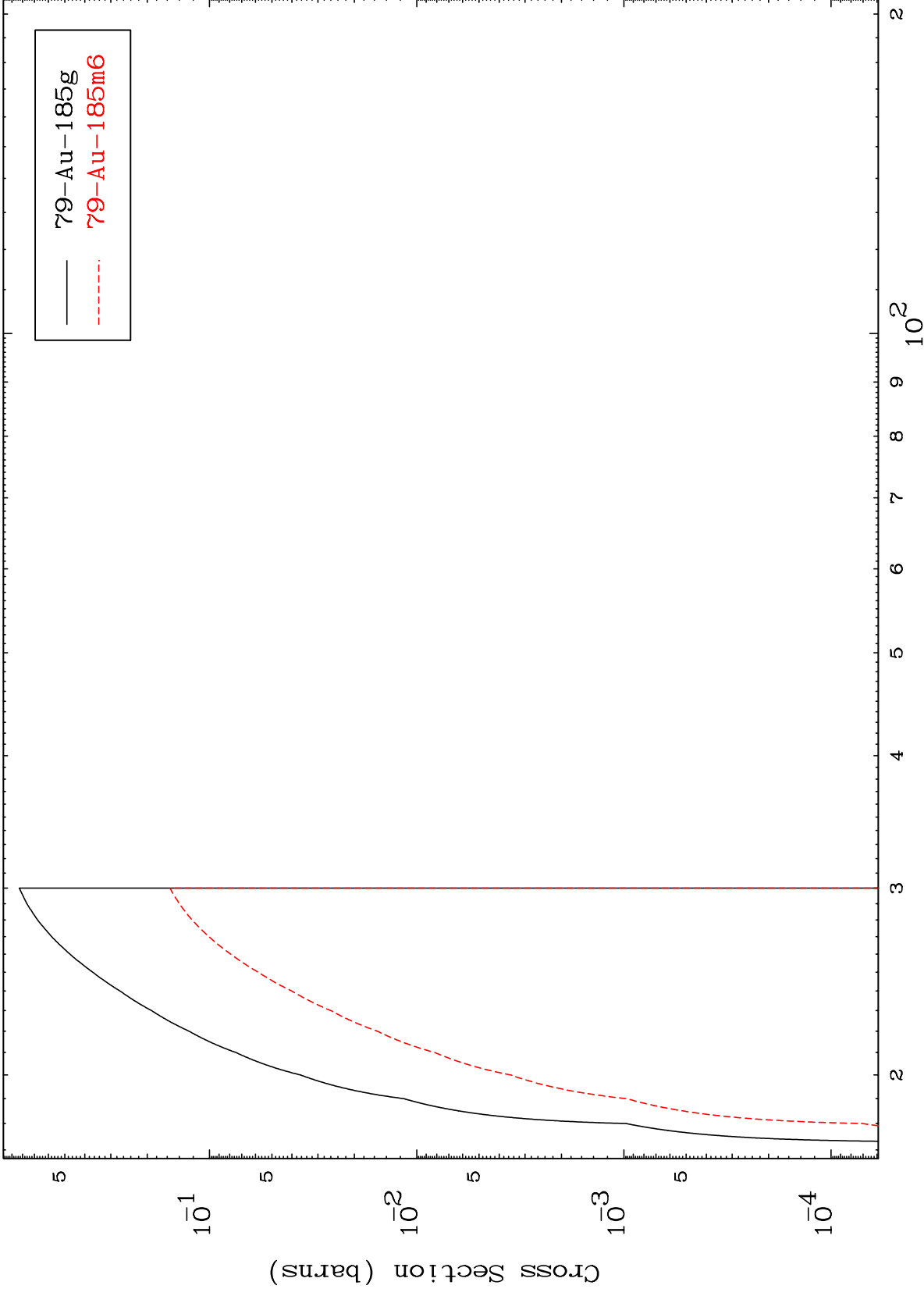
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(n,3n)

79-Au-187

Radionuclide Production Cross Section



79-Au-185g  
79-Au-185m6

18

Incident Energy (MeV)

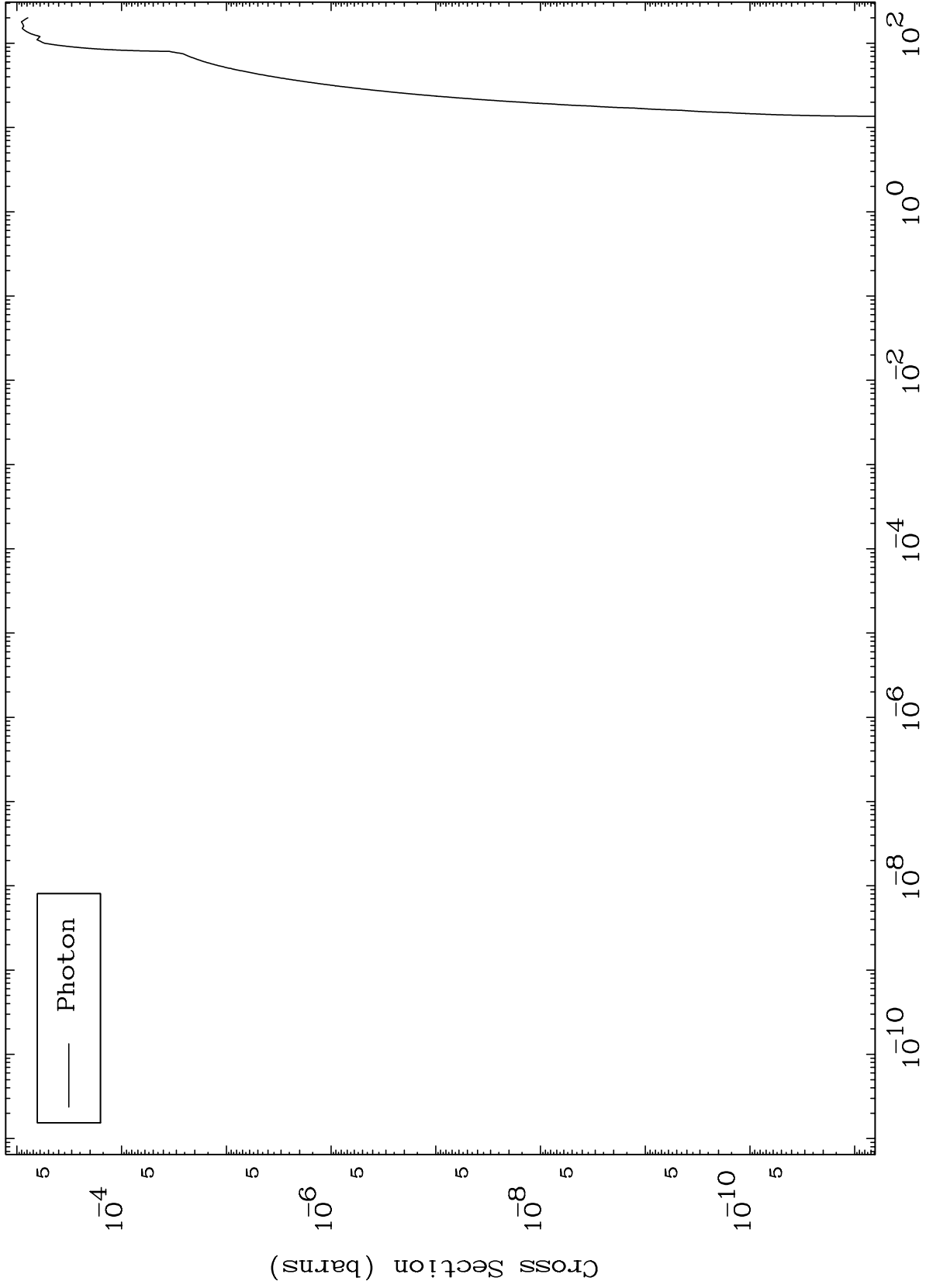
79-Au-187

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Fission

79-Au-187

Radionuclide Production Cross Section



19

Incident Energy (MeV)

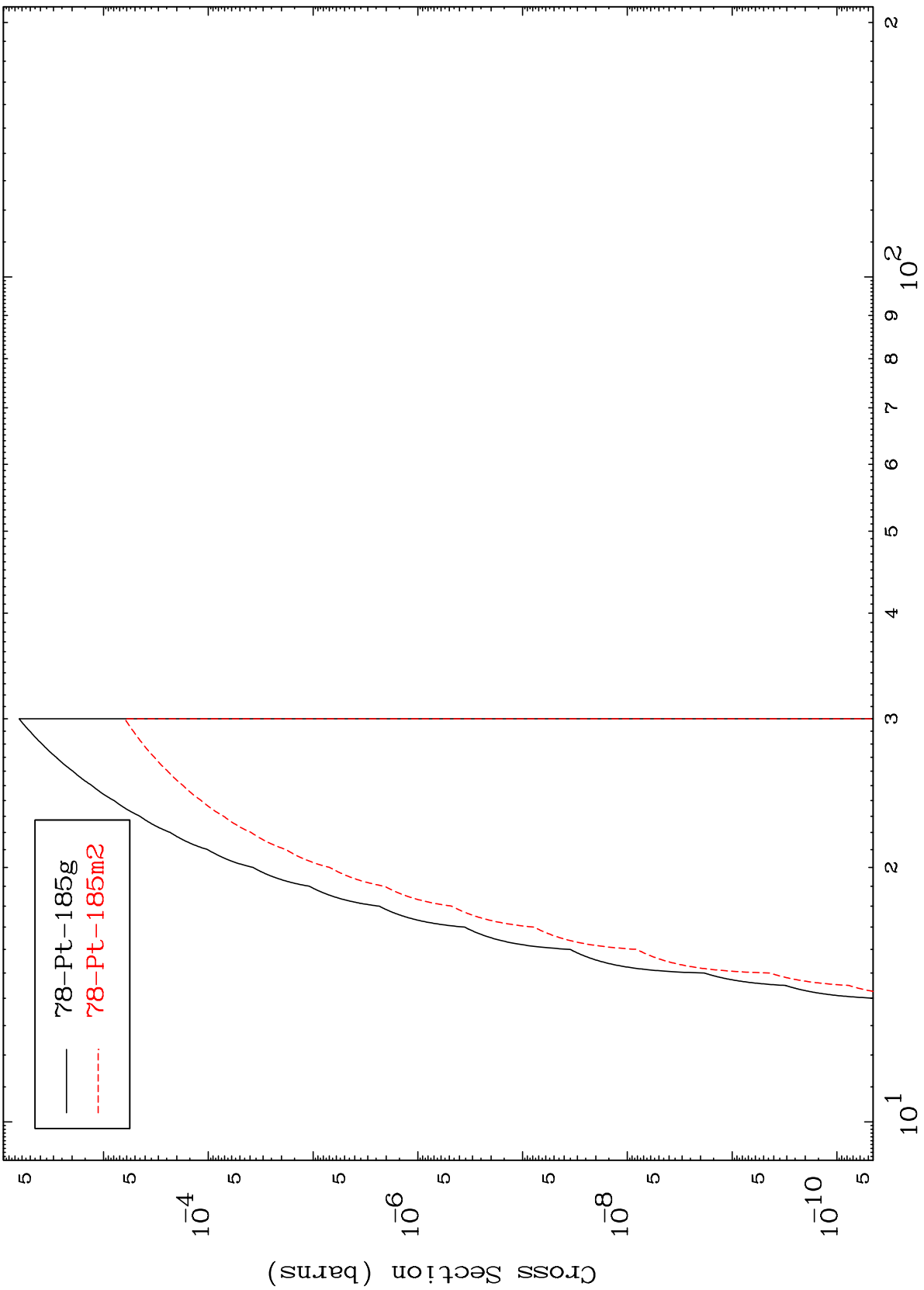
79-Au-187

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(n,n') d

79-Au-187

Radionuclide Production Cross Section



Incident Energy (MeV)

79-Au-187

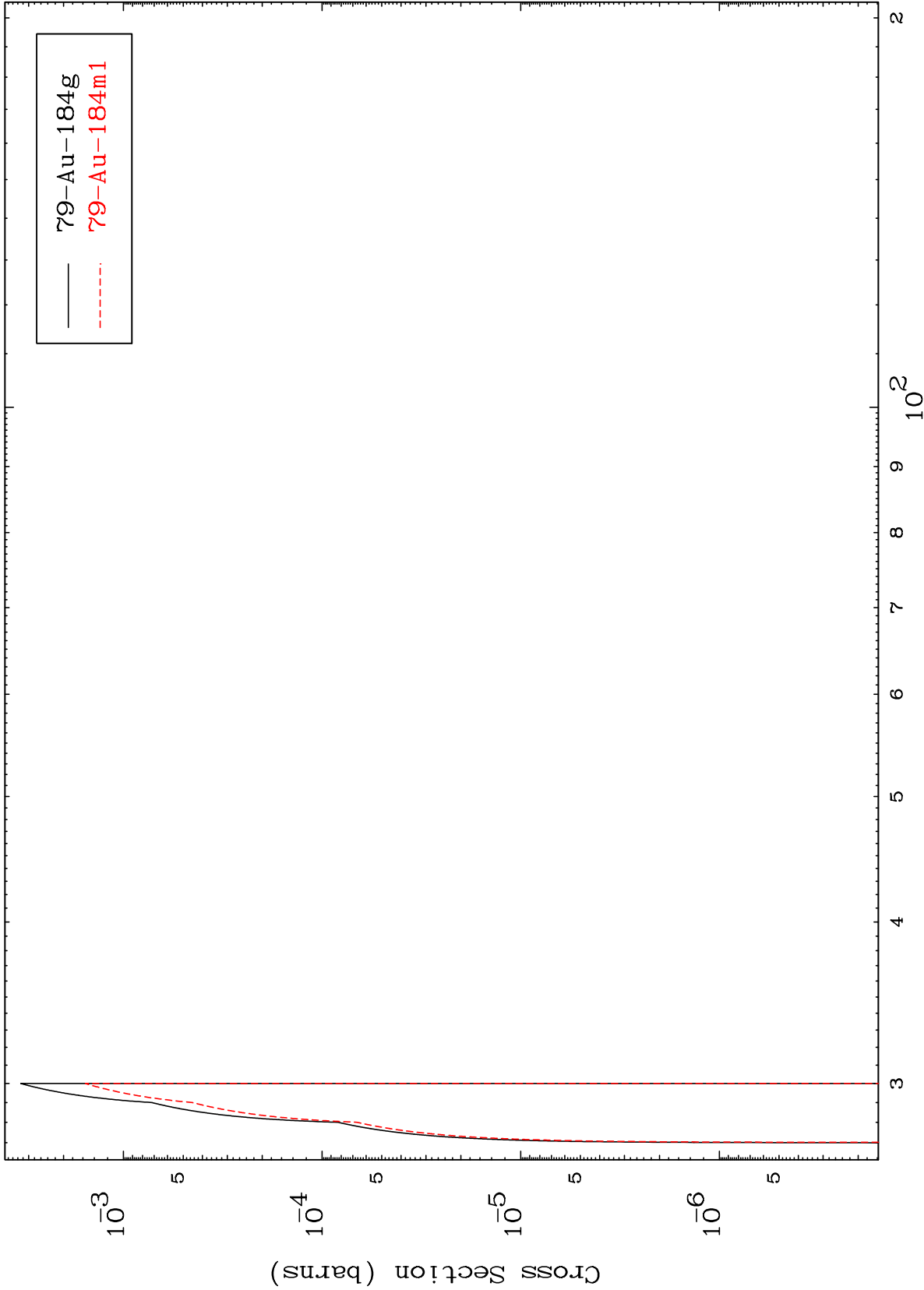
20

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(n,4n)

79-Au-187

Radionuclide Production Cross Section

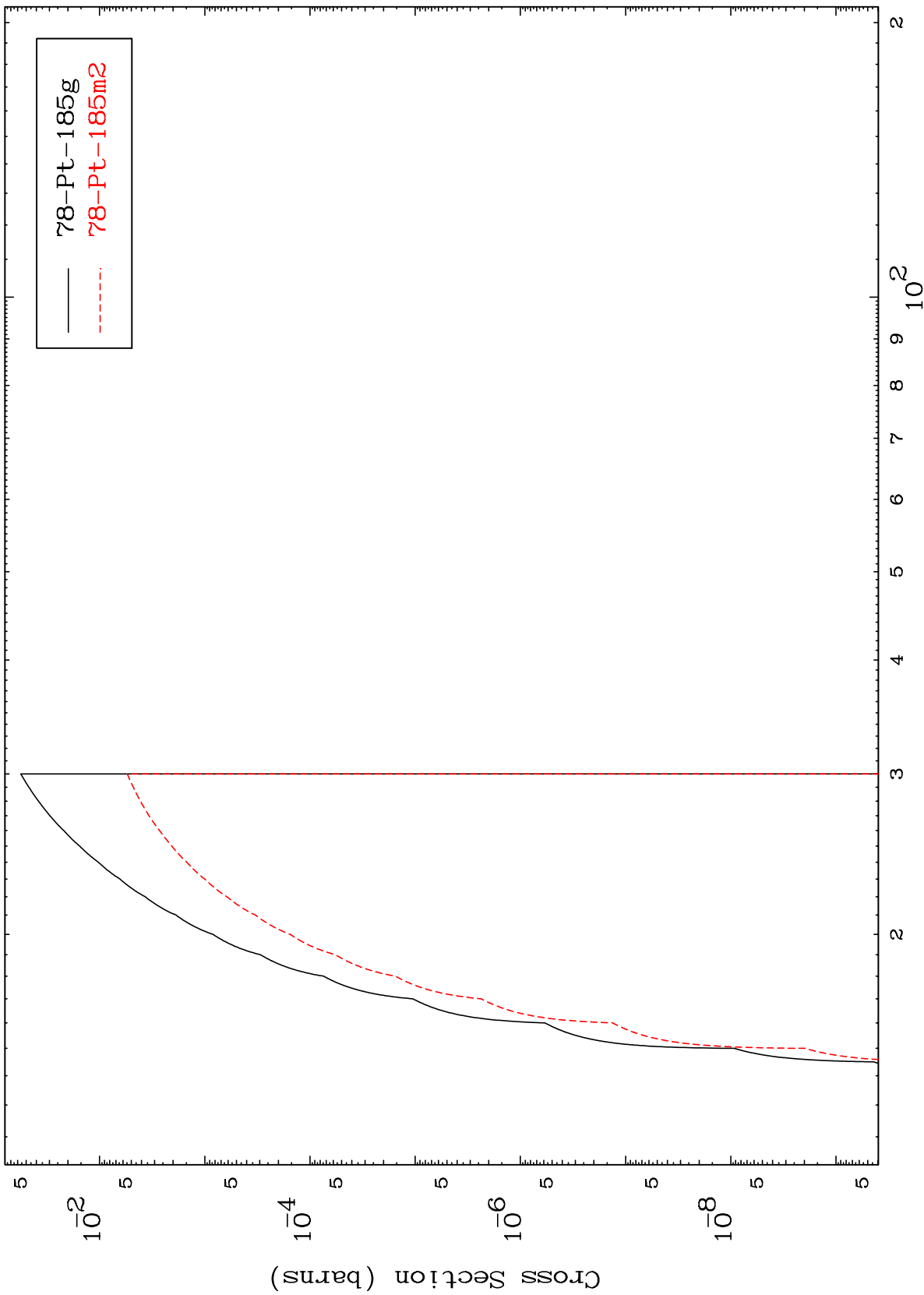


21

Incident Energy (MeV)

79-Au-187

Radionuclide Production Cross Section

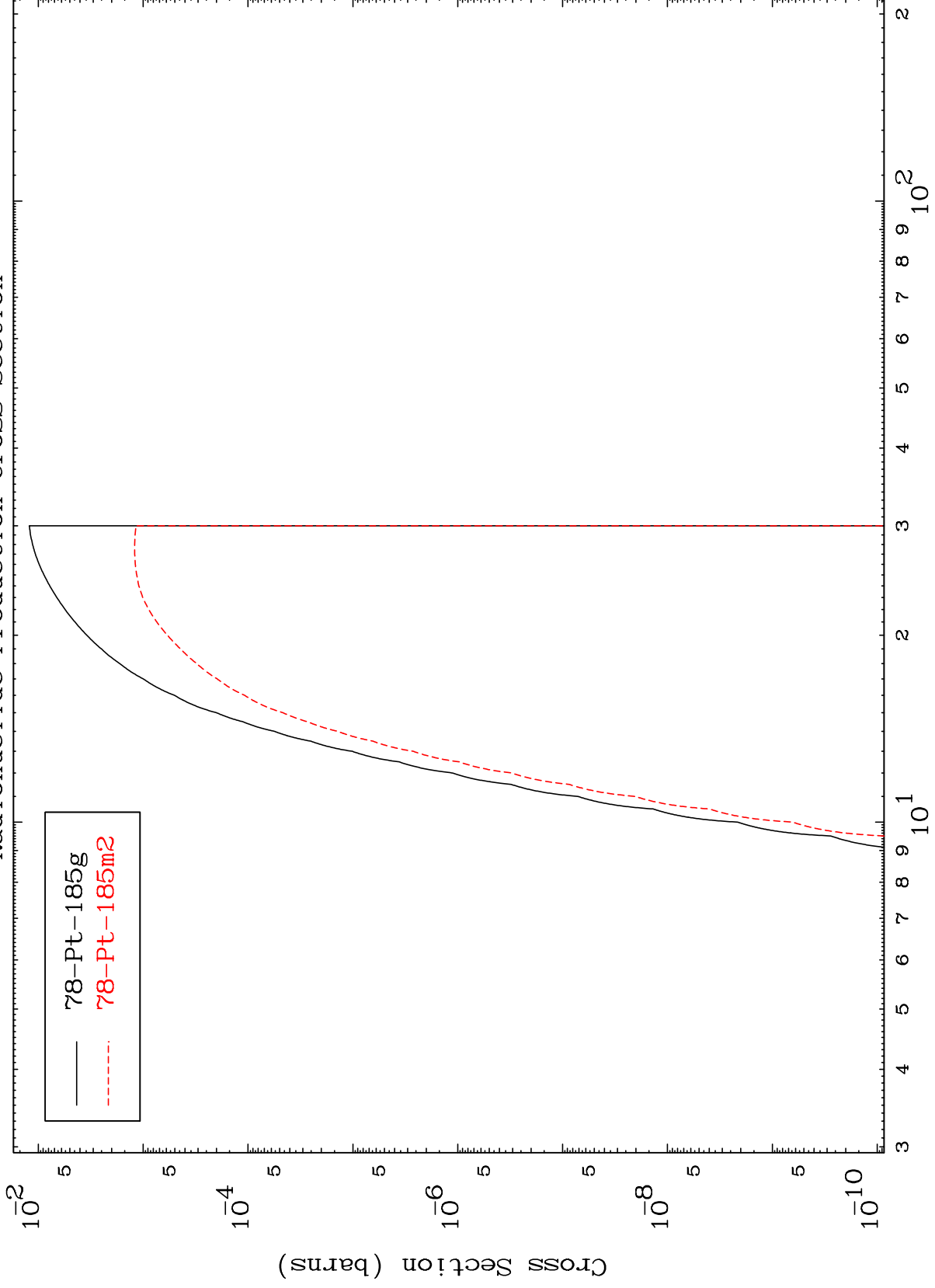


78-Pt-185g  
78-Pt-185m2

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79-Au-187

(n, t)  
Radionuclide Production Cross Section



Incident Energy (MeV)

79-Au-187

23

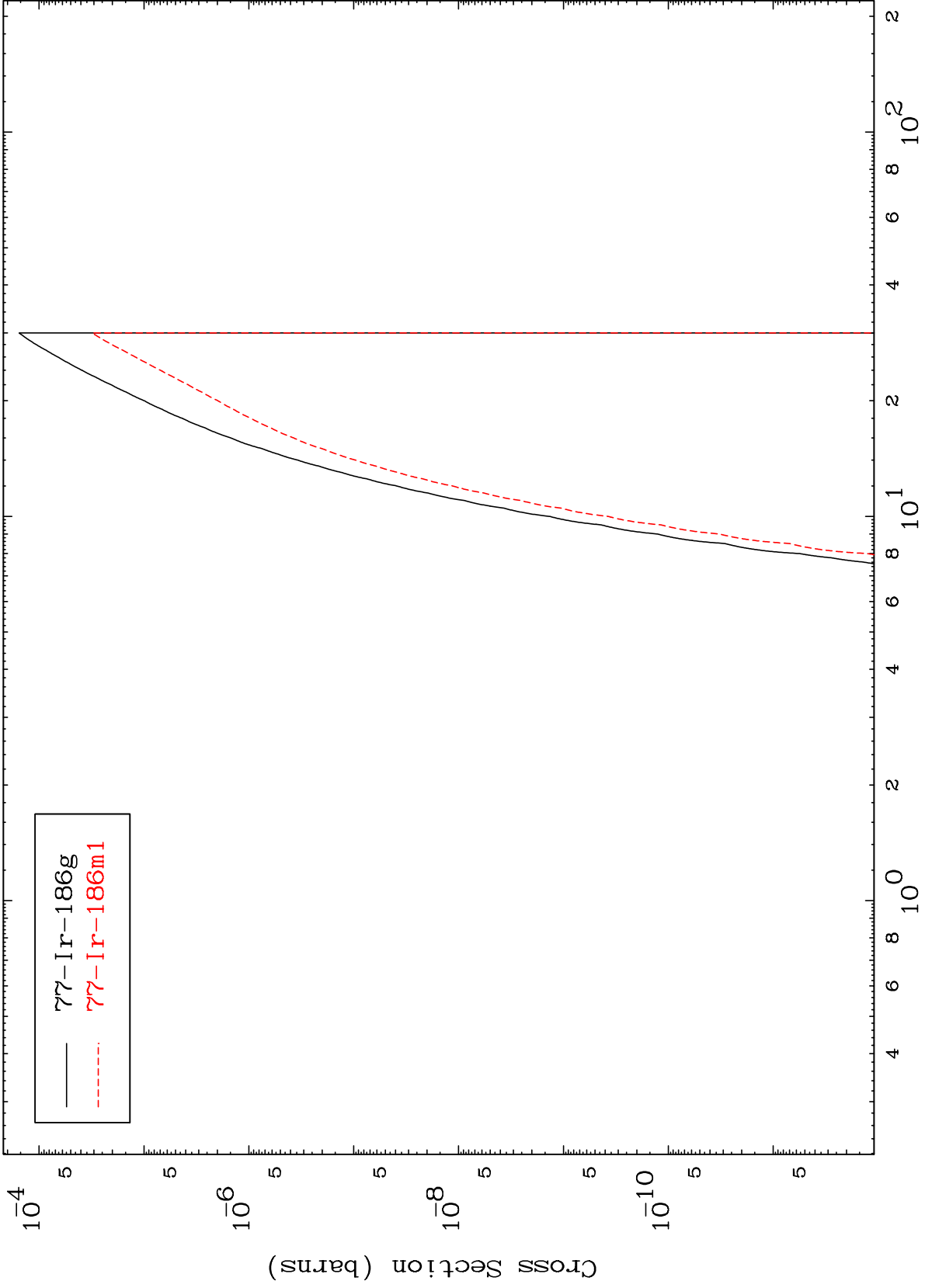


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(n,2p)

<sup>79</sup>Au-187

Radionuclide Production Cross Section

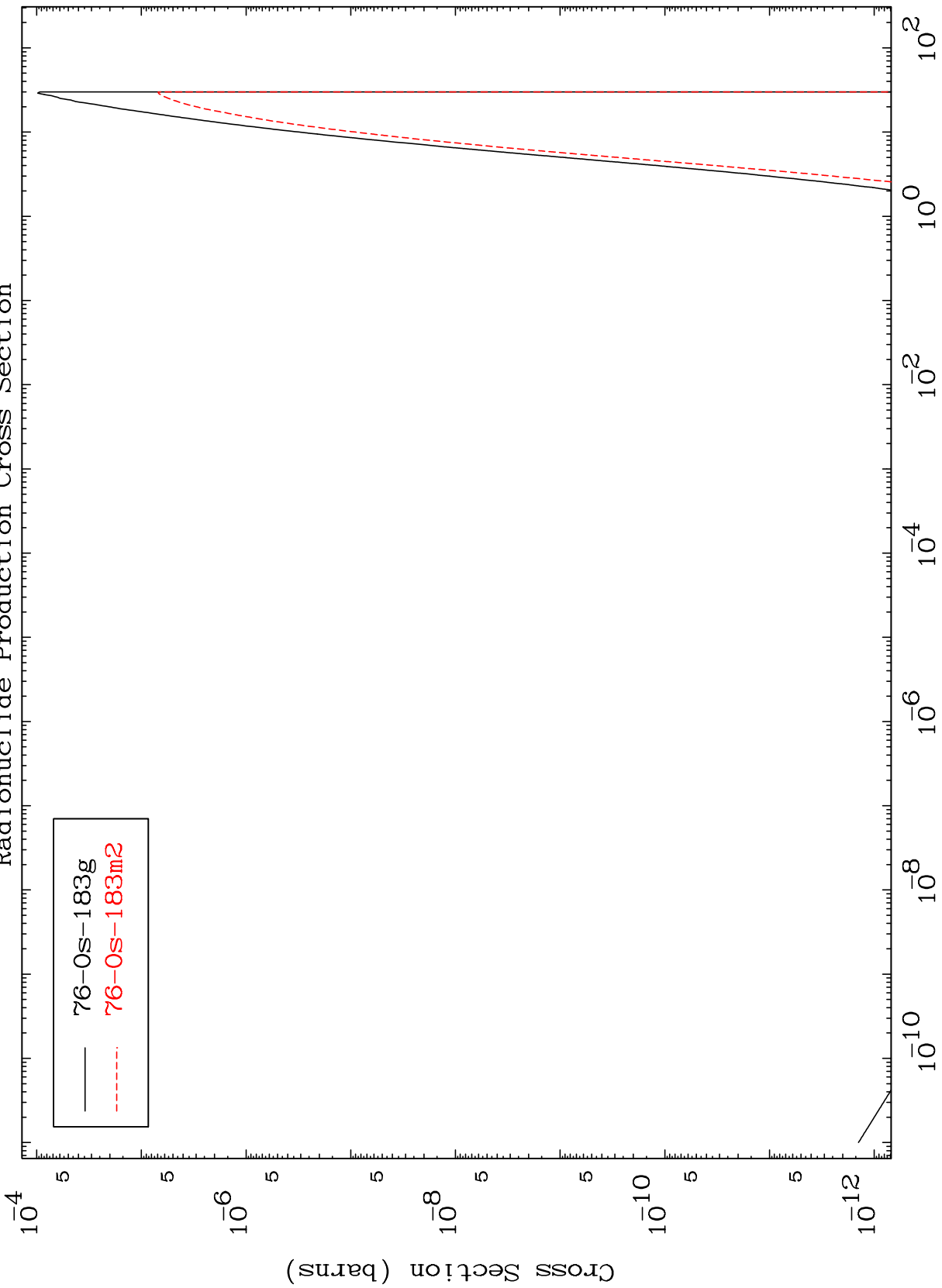


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(n,p)  $\alpha$

<sup>79</sup>Au-187

Radionuclide Production Cross Section



76-0s-183g  
76-0s-183m2

Incident Energy (MeV)

<sup>79</sup>Au-187