

Program EVALPLOT
(Version 2021-1)

by

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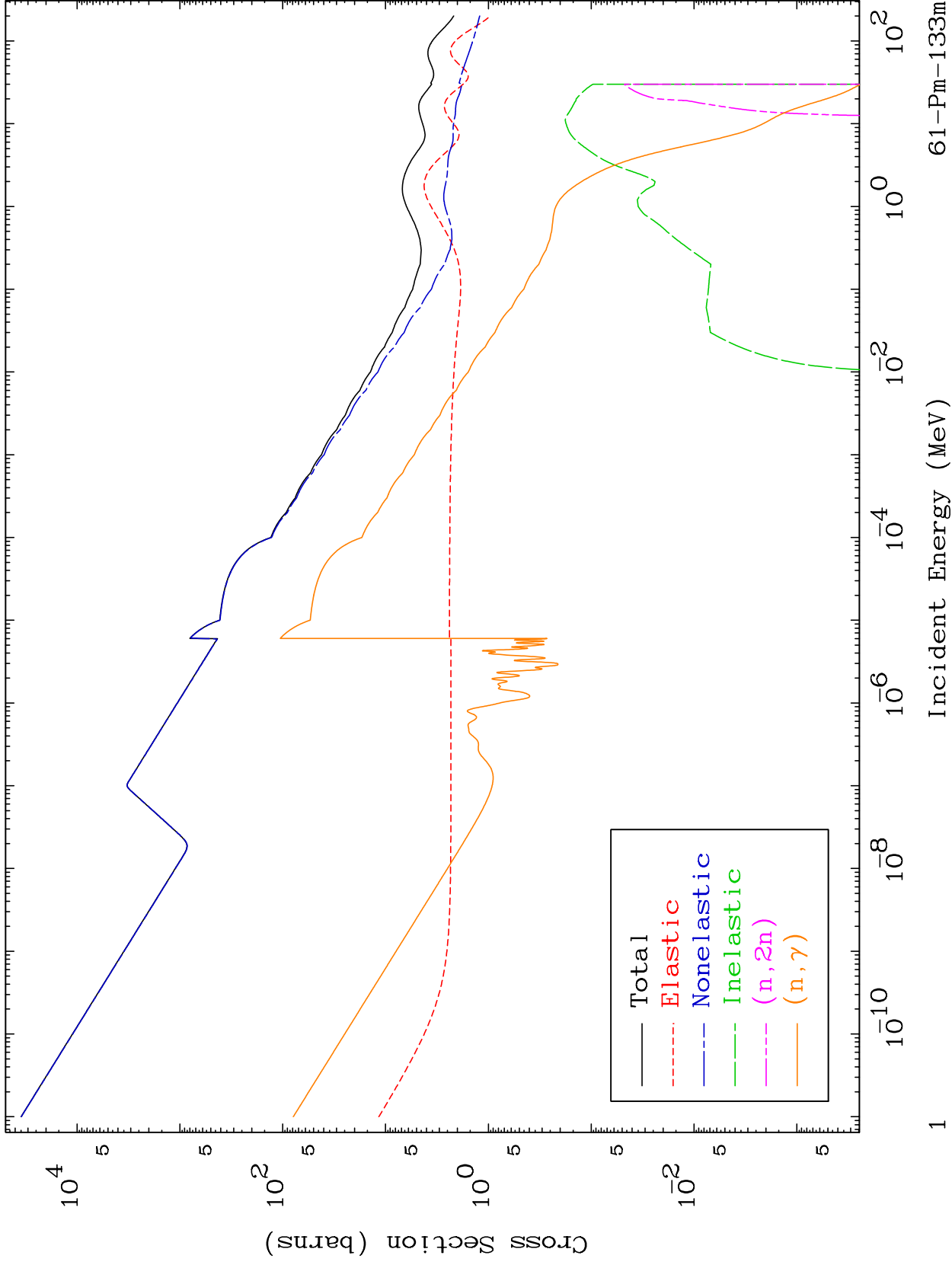
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Press Mouse Button to Start

MAT 6108

Neutron Major
293 Kelvin Cross Sections

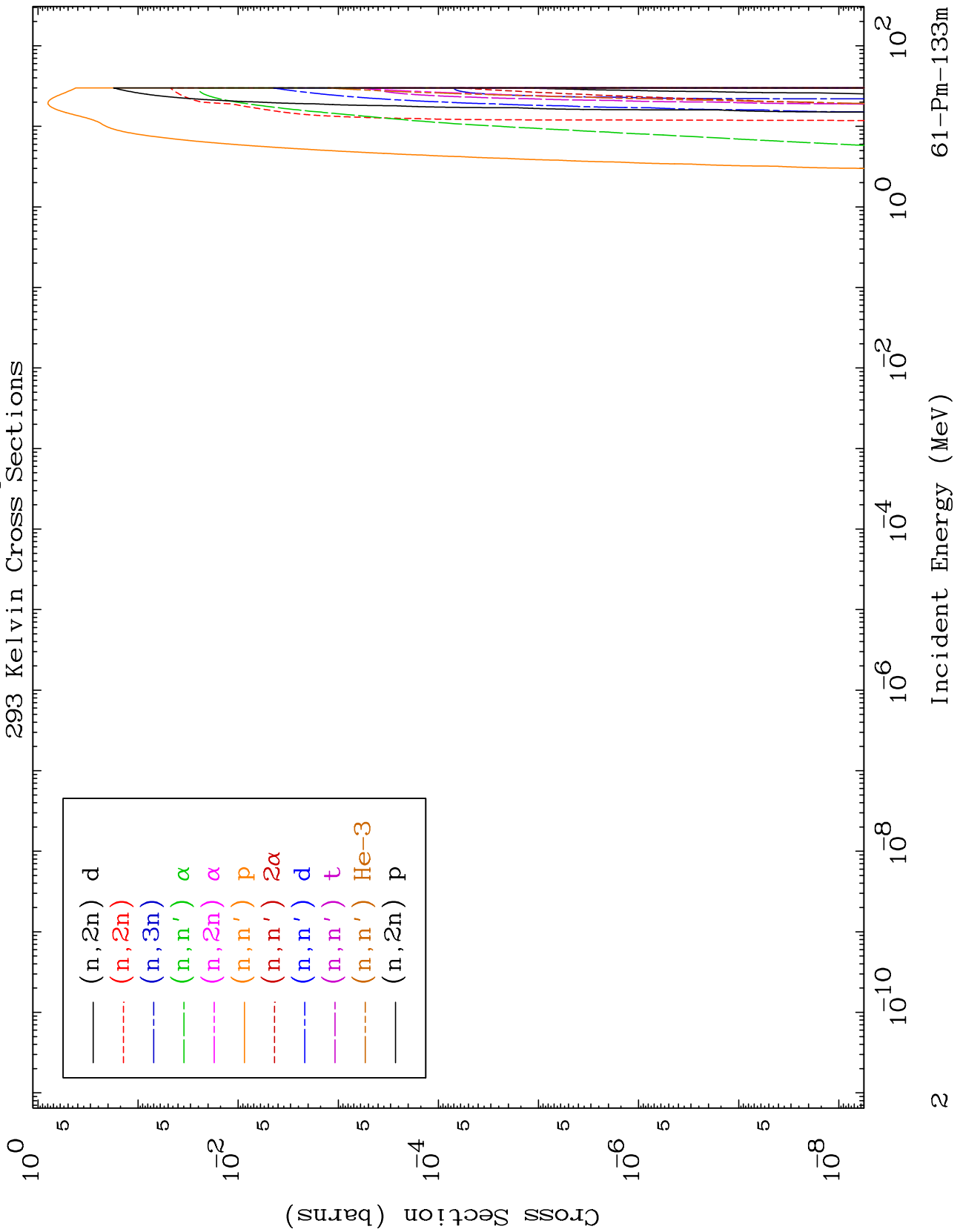
61-Pm-133m



MAT 6108

Neutron Absorption
293 Kelvin Cross Sections

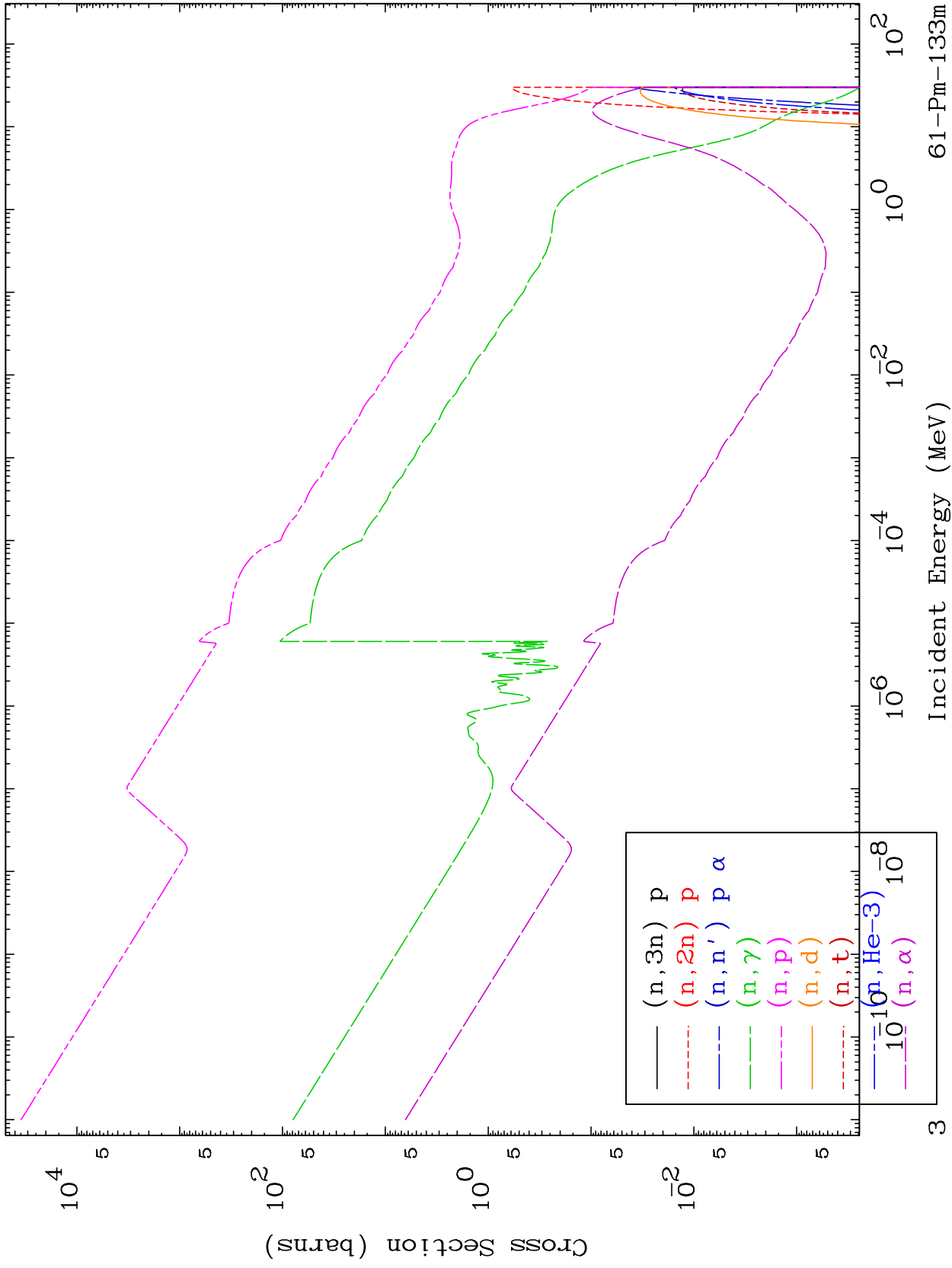
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MAT 6108

Neutron Absorption
293 Kelvin Cross Sections

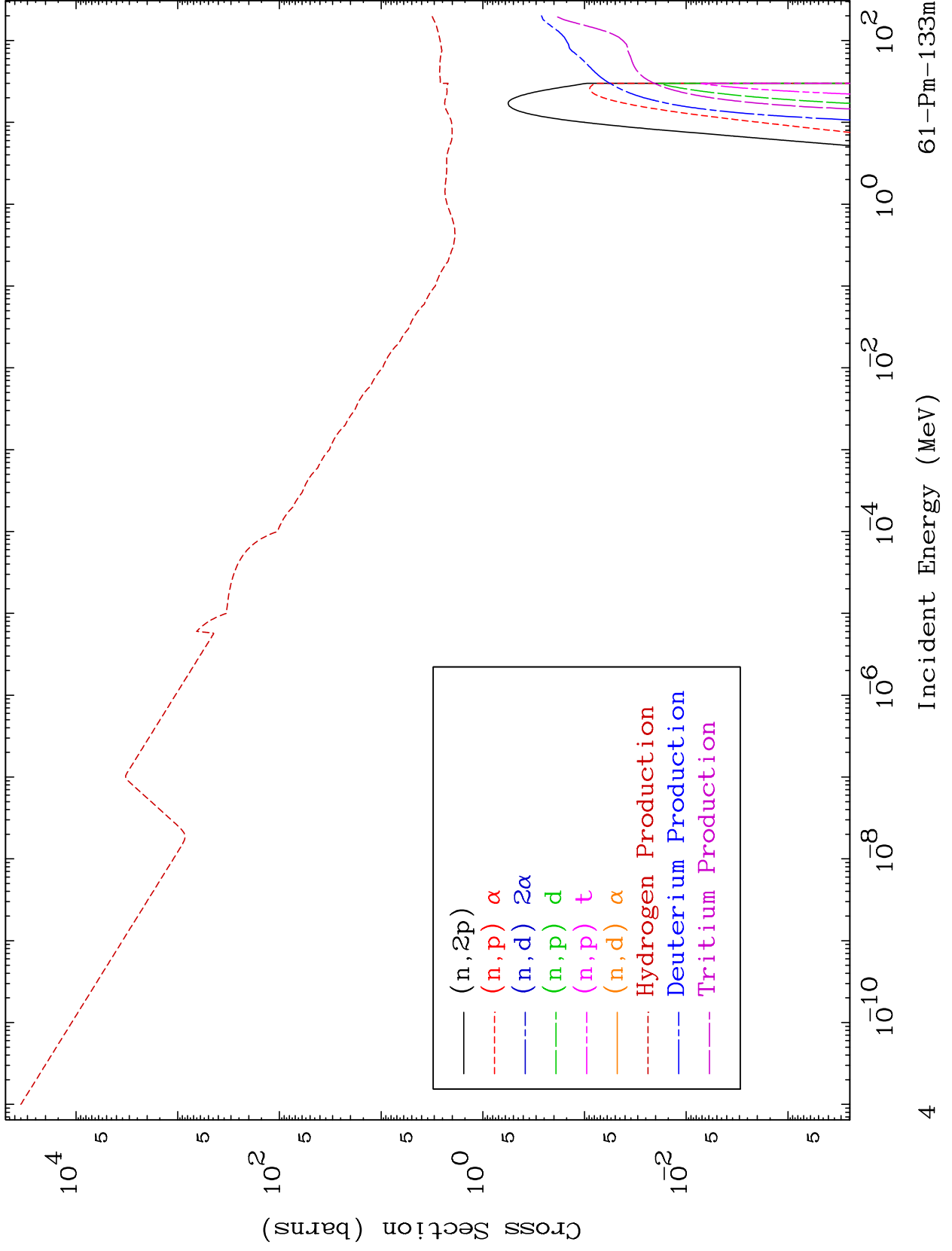
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Neutron Absorption
293 Kelvin Cross Sections

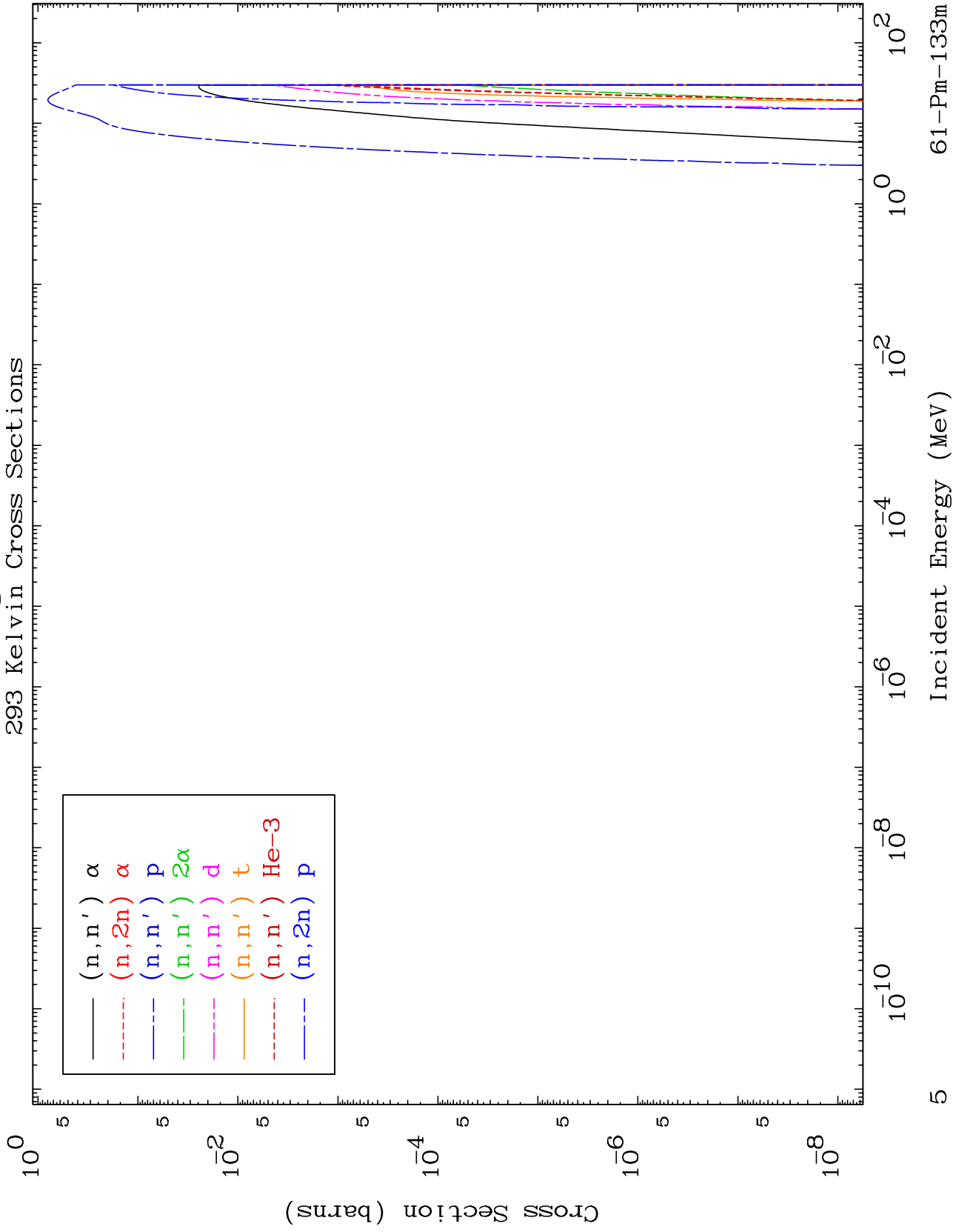
61-Pm-133m



MAT 6108

Charged Particle
293 Kelvin Cross Sections

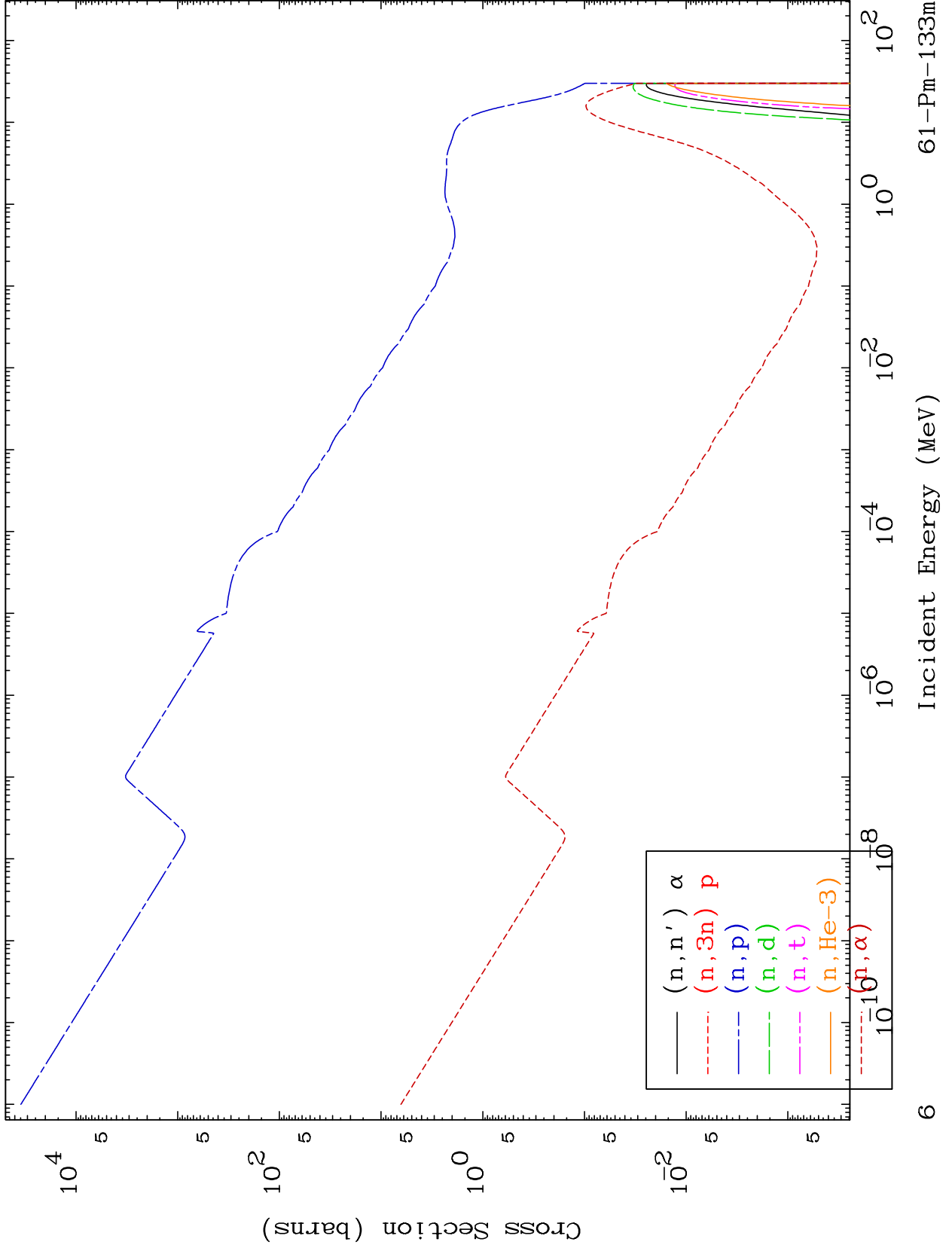
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MAT 6108

Charged Particle
293 Kelvin Cross Sections

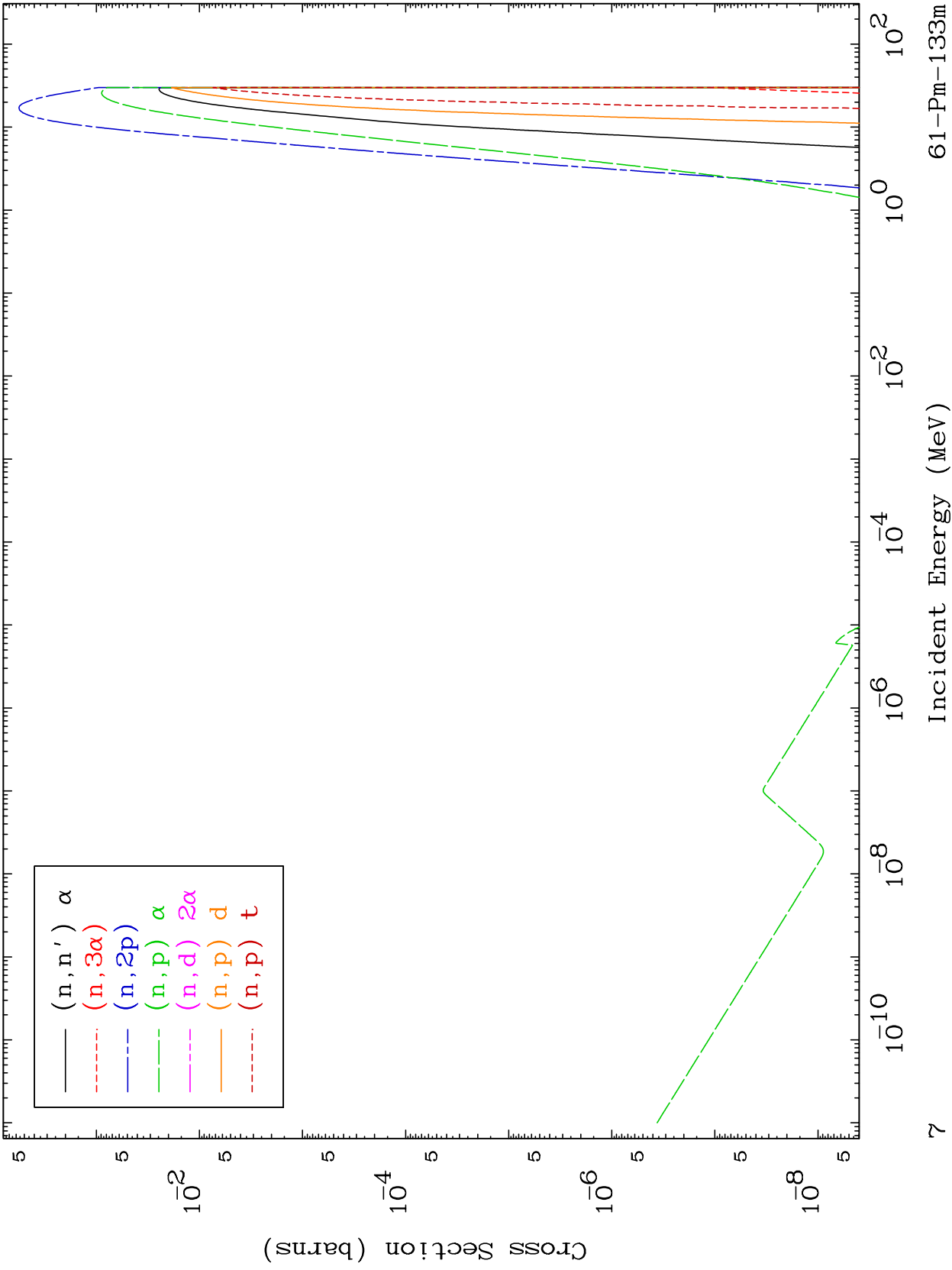
61-Pm-133m



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Charged Particle
293 Kelvin Cross Sections

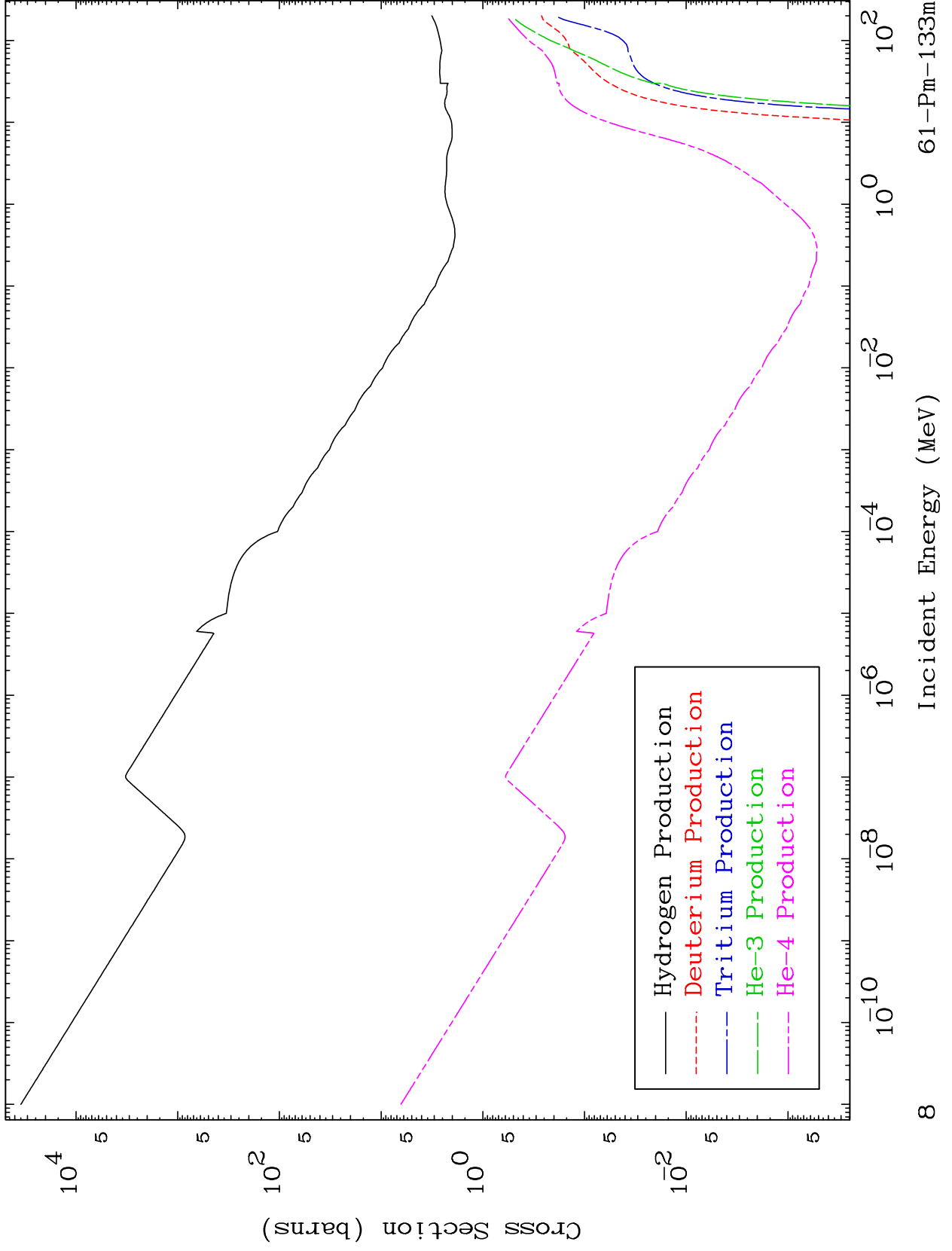
61-Pm-133m



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Particle Production
293 Kelvin Cross Sections

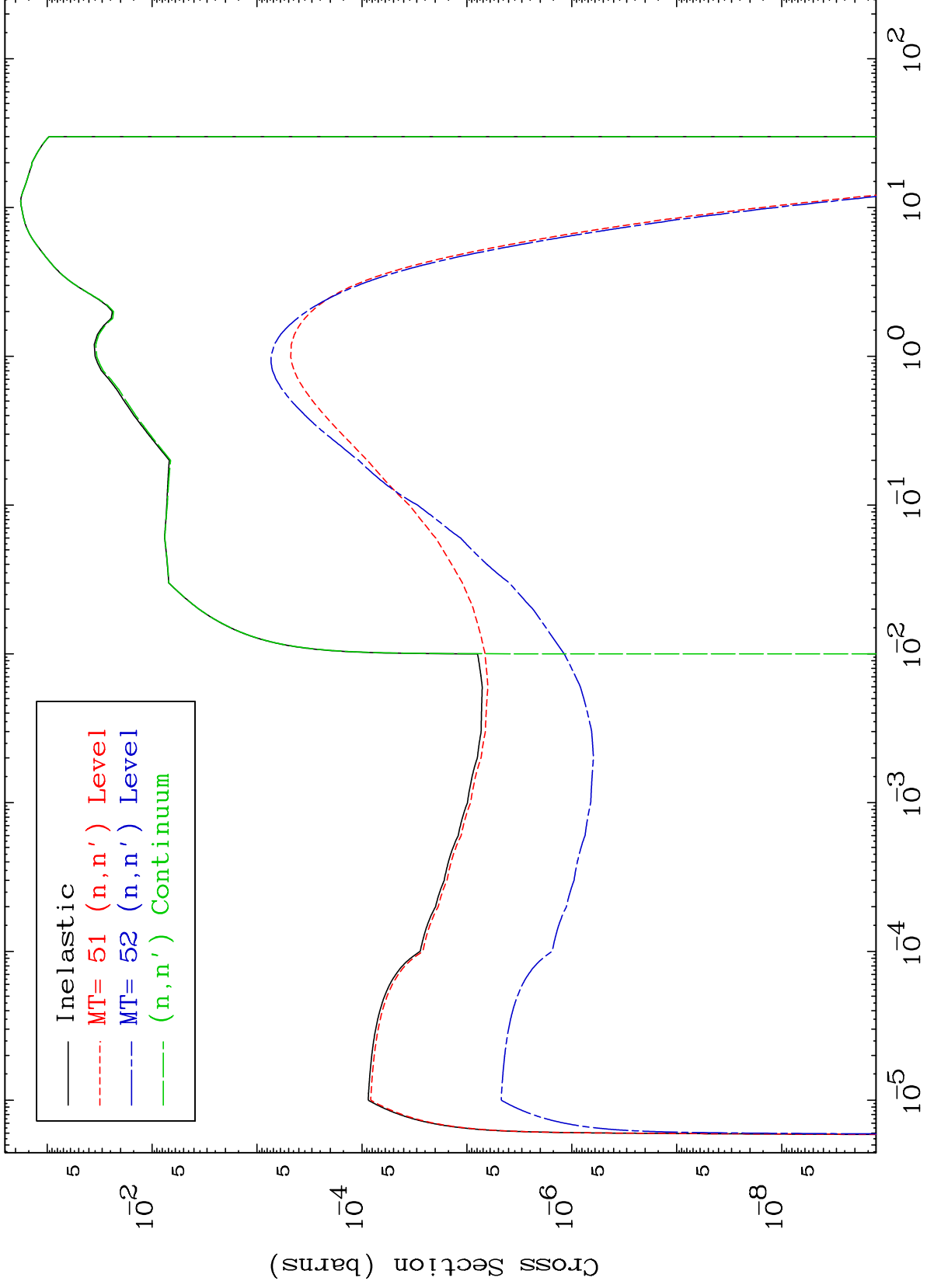
61-Pm-133m



MAT 6108

(n,n') Levels
293 Kelvin Cross Sections

61-Pm-133m



9

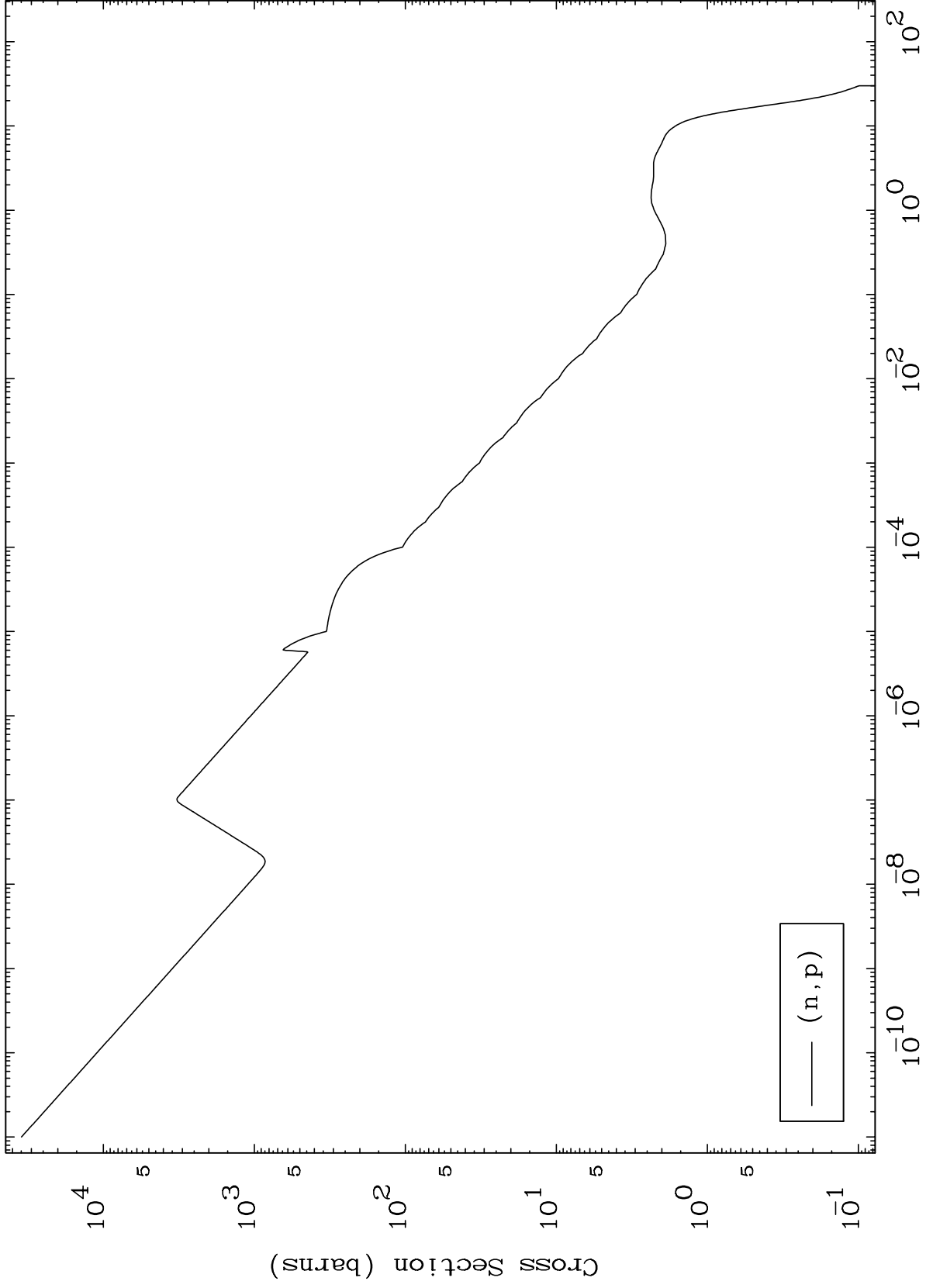
Incident Energy (MeV)

61-Pm-133m

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(n,p) Levels
293 Kelvin Cross Sections

61-Pm-133m



10

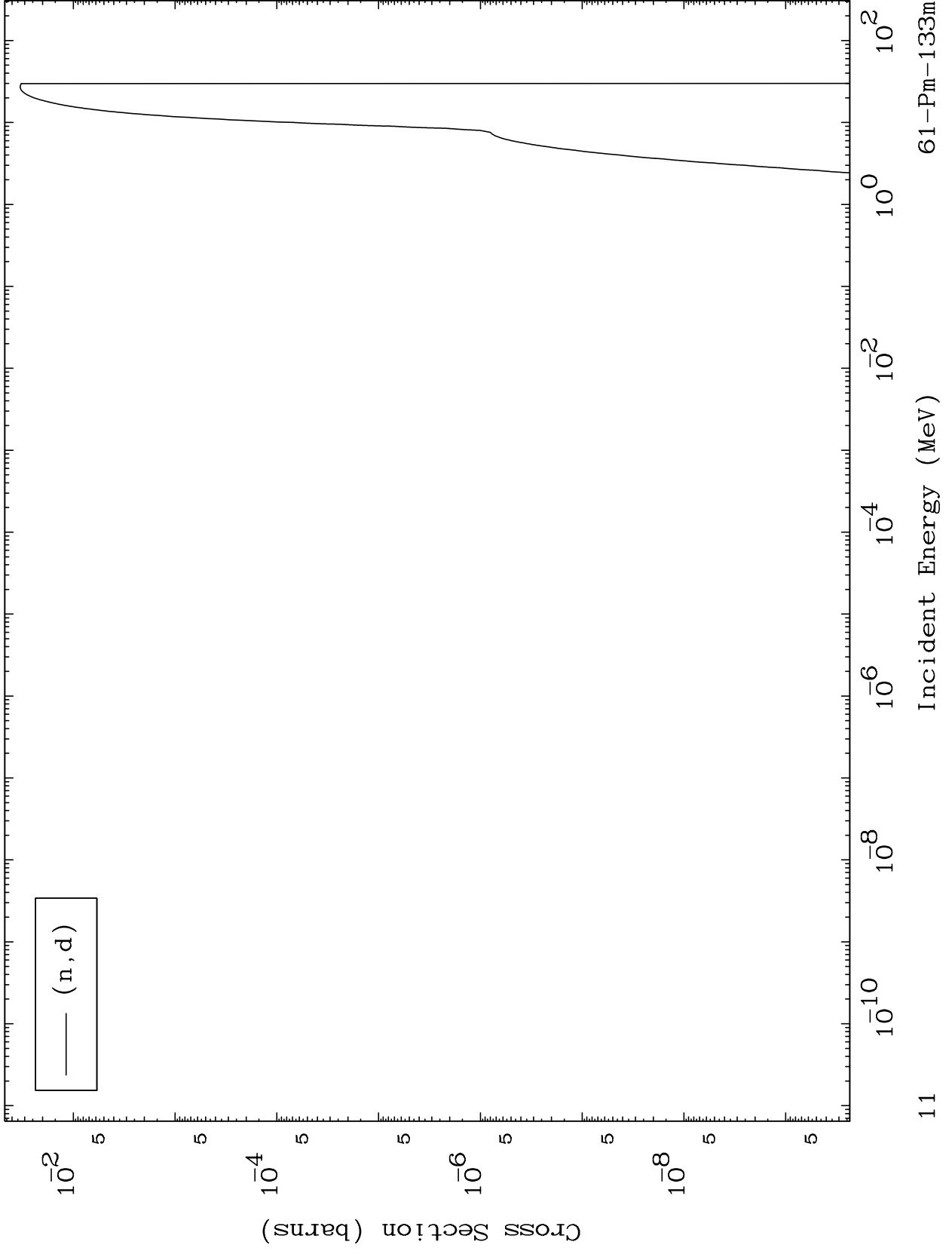
Incident Energy (MeV)

61-Pm-133m

MAT 6108

(n,d) Levels
293 Kelvin Cross Sections

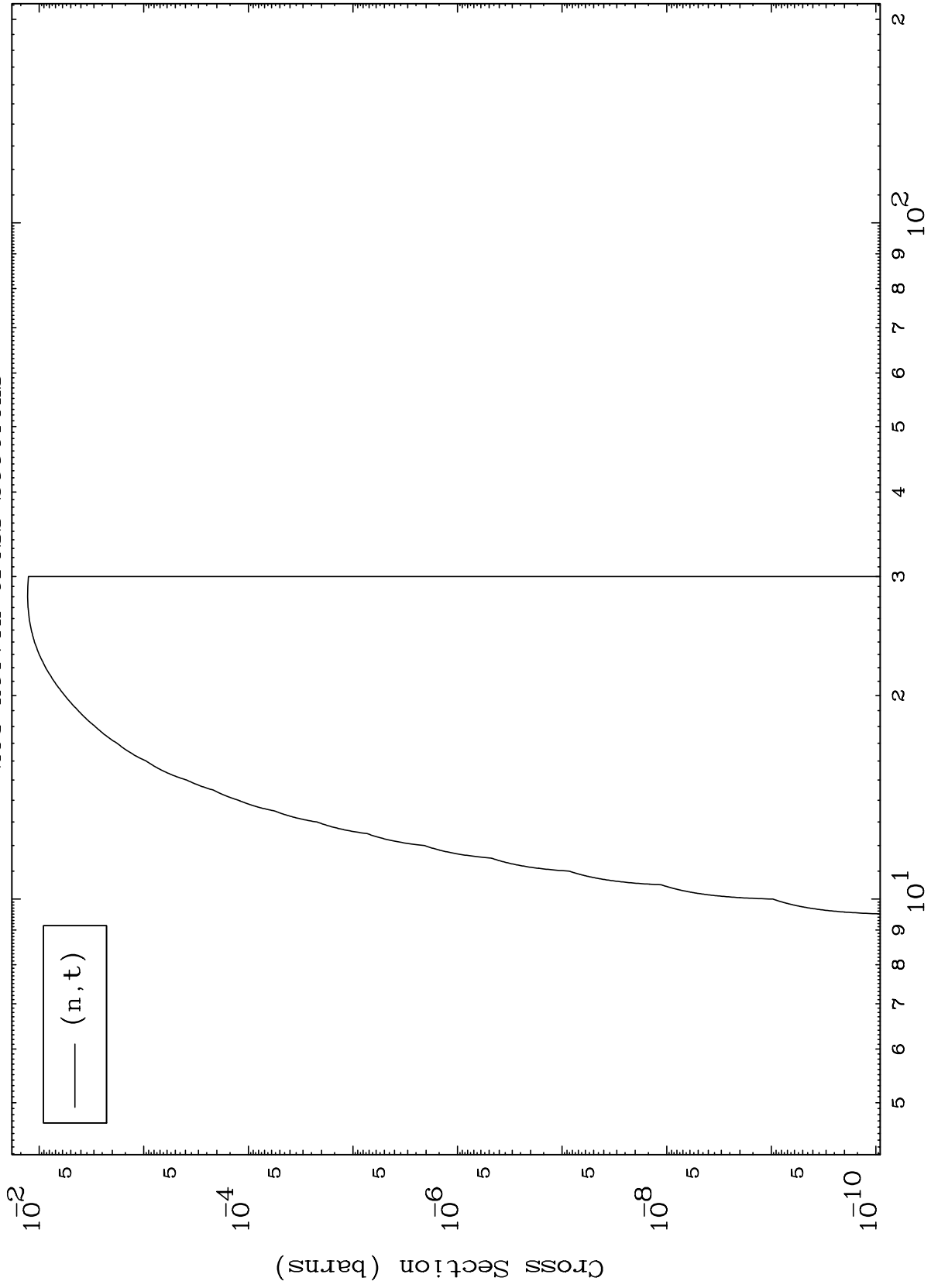
61-Pm-133m



MAT 6108

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-133m



12

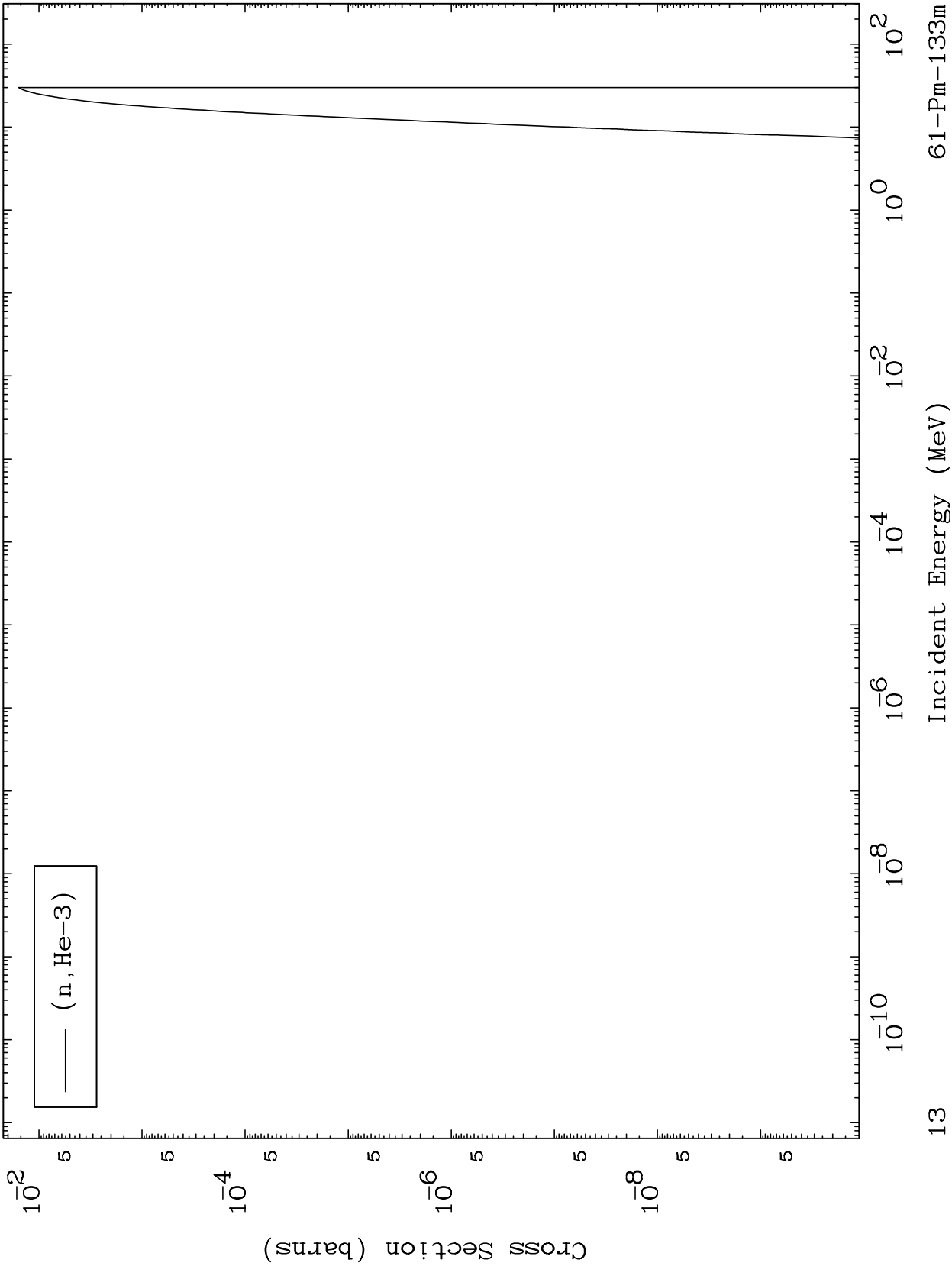
Incident Energy (MeV)

61-Pm-133m

MAT 6108

(n,He3) Levels
293 Kelvin Cross Sections

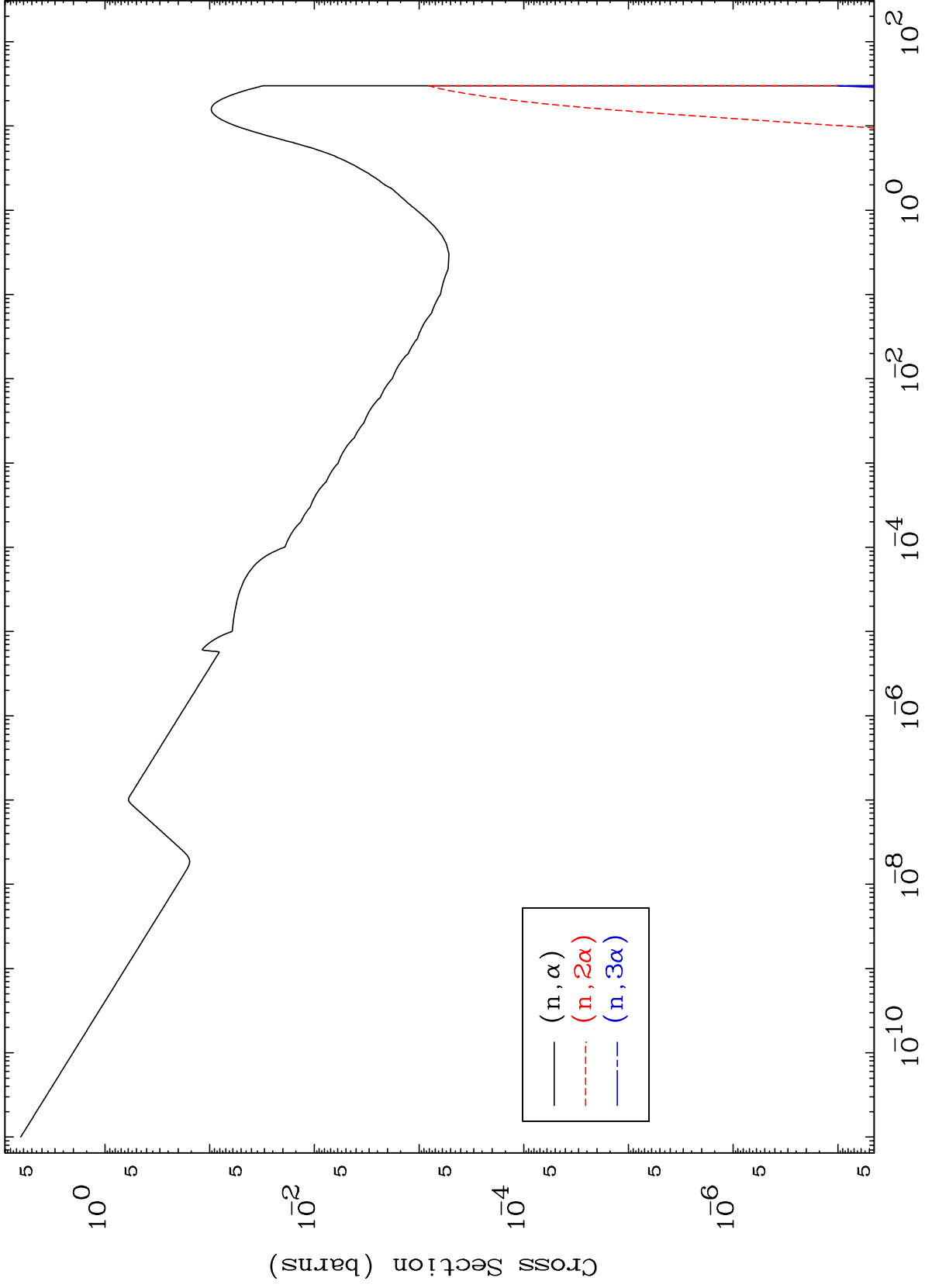
61-Pm-133m



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(n, α) Levels
293 Kelvin Cross Sections

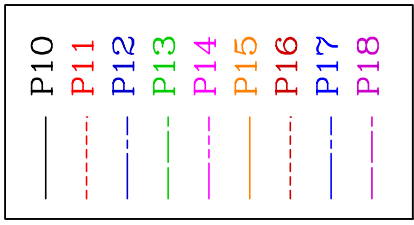
61-Pm-133m



MAT 6108

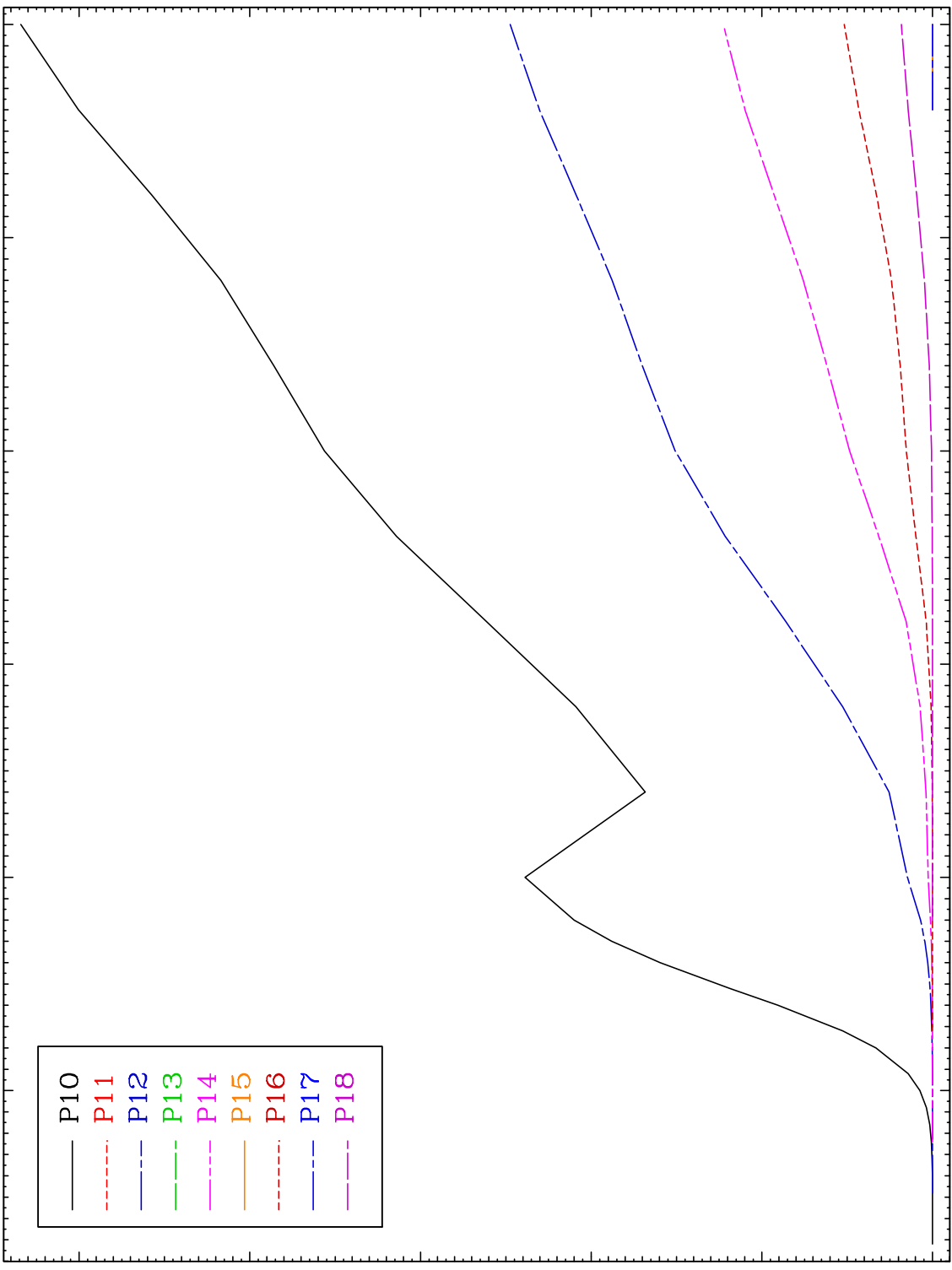
Elastic Legendre Coefficients

61-Pm-133m



$\times 10^{-4}$

Legendre (CM)



16

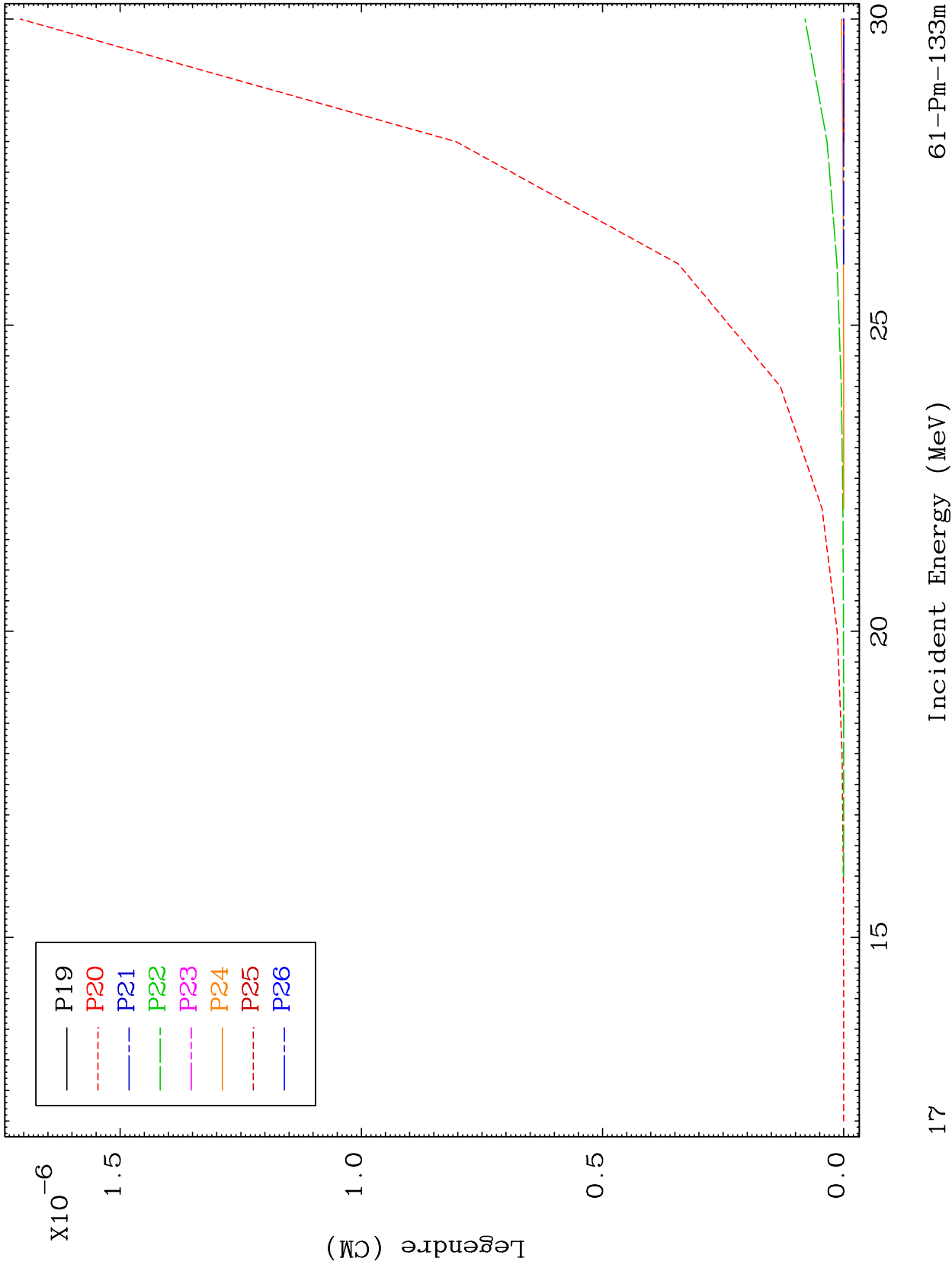
Incident Energy (MeV)

61-Pm-133m

MAT 6108

Elastic Legendre Coefficients

61-Pm-133m



17

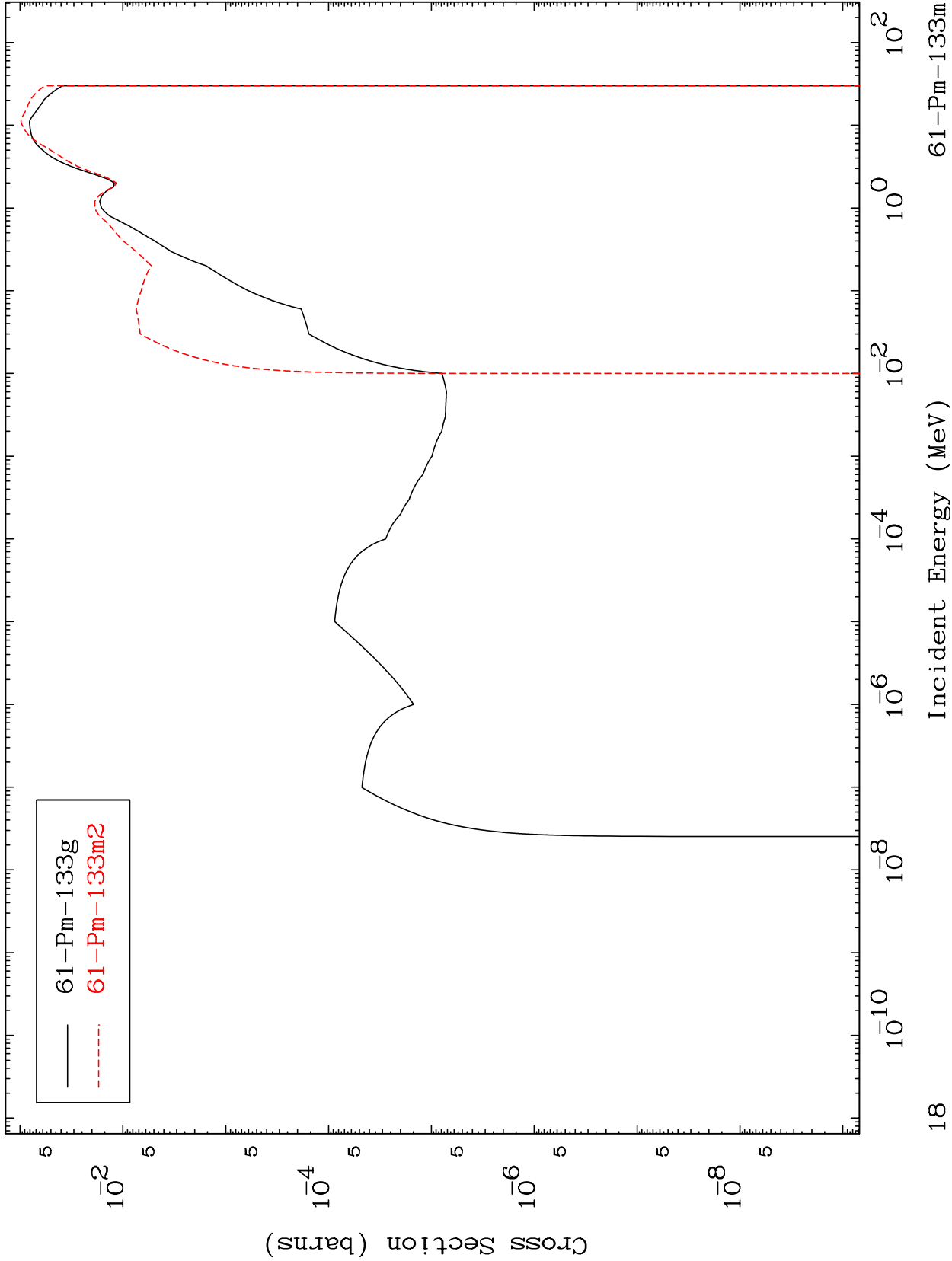
Incident Energy (MeV)

61-Pm-133m

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Inelastic
Radionuclide Production Cross Section

61-Pm-133m

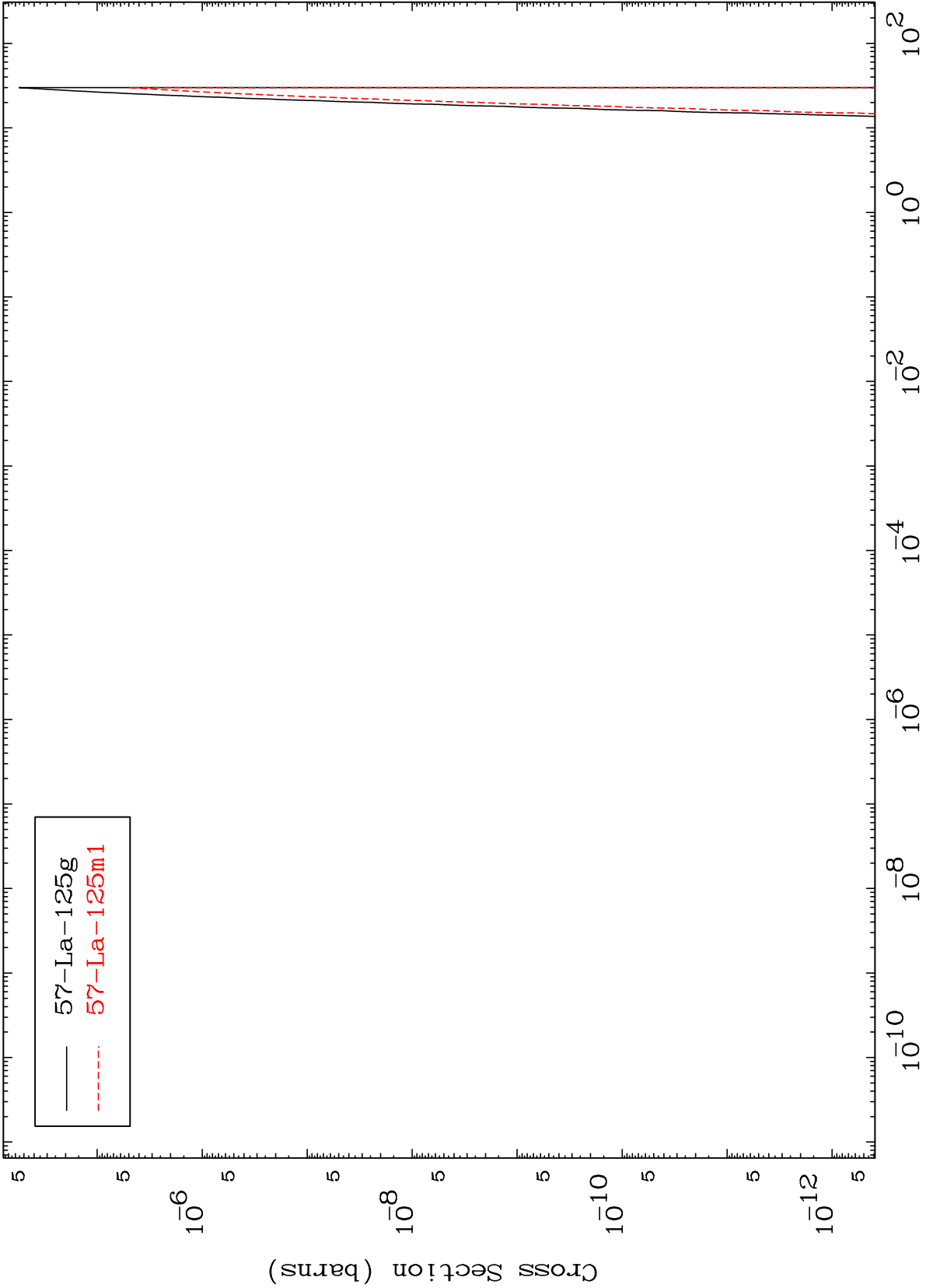


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(n,n') 2 α

61-Pm-133m

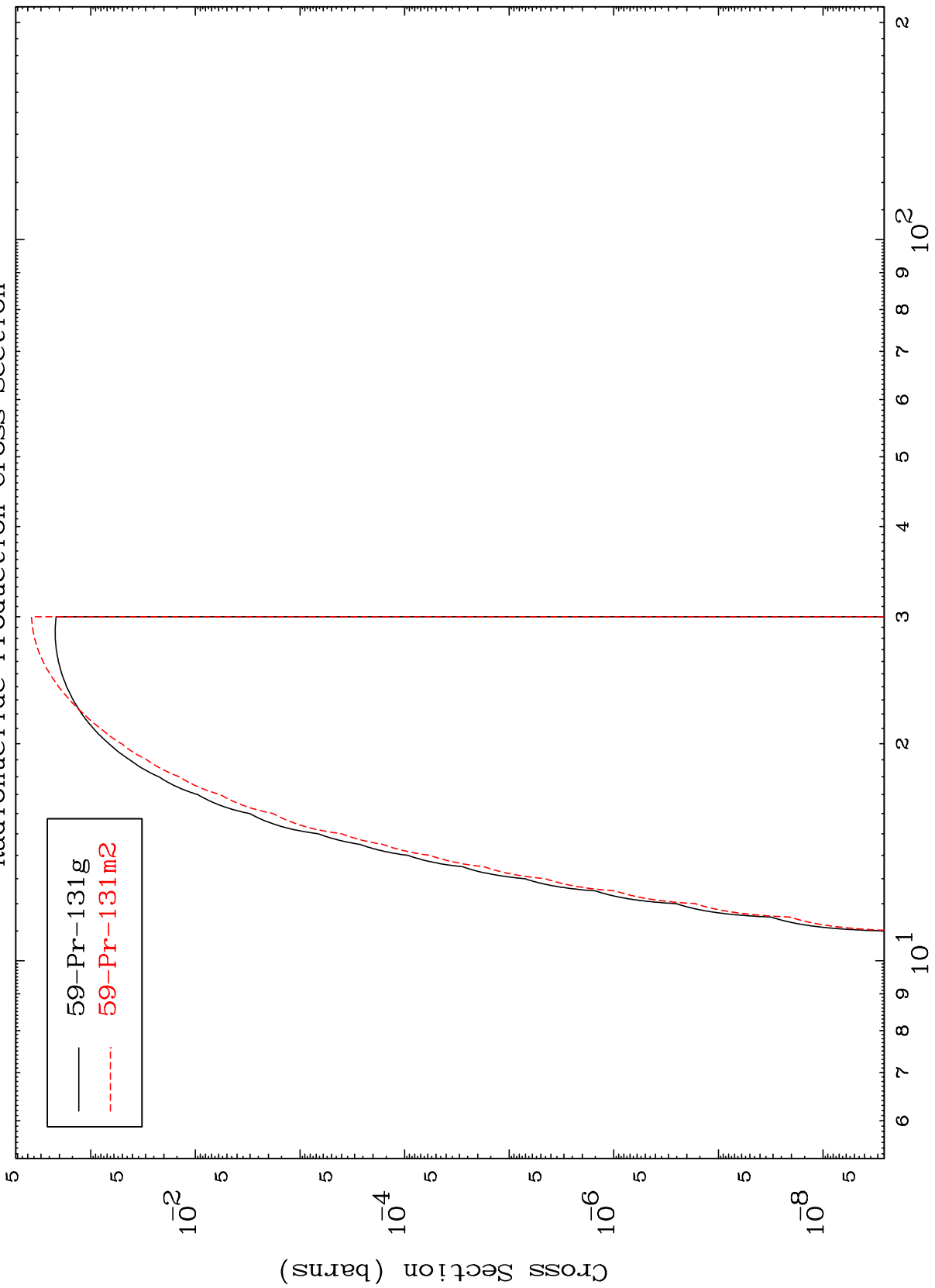
Radionuclide Production Cross Section



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61-Pm-133m

(n,2n) p
Radionuclide Production Cross Section



20

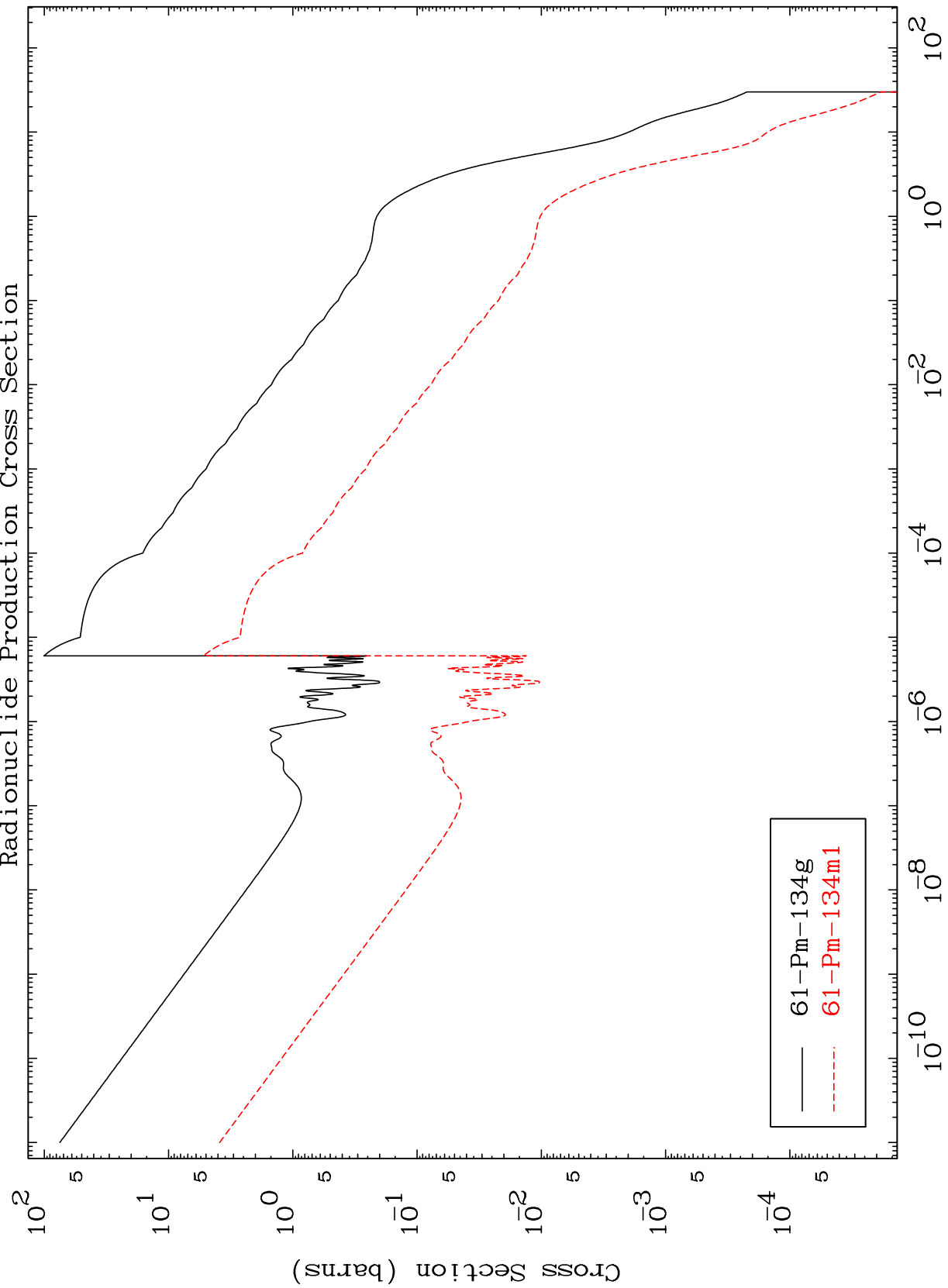
Incident Energy (MeV)

61-Pm-133m

MAT 6108

61-Pm-133m

Radionuclide Production Cross Section

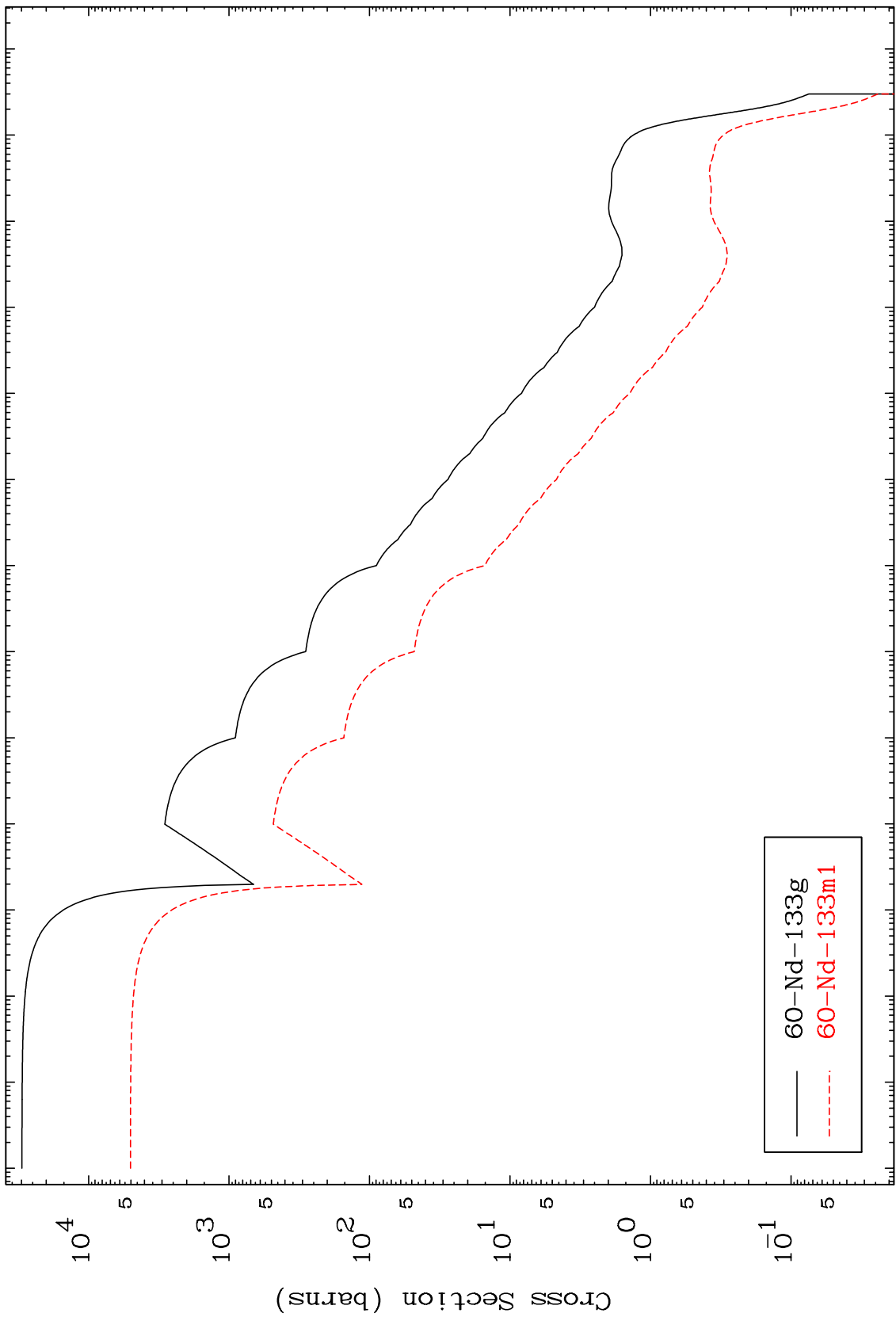


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61-Pm-133m

Radionuclide Production Cross Section

(n,p)



60-Nd-133g
60-Nd-133m1

61-Pm-133m

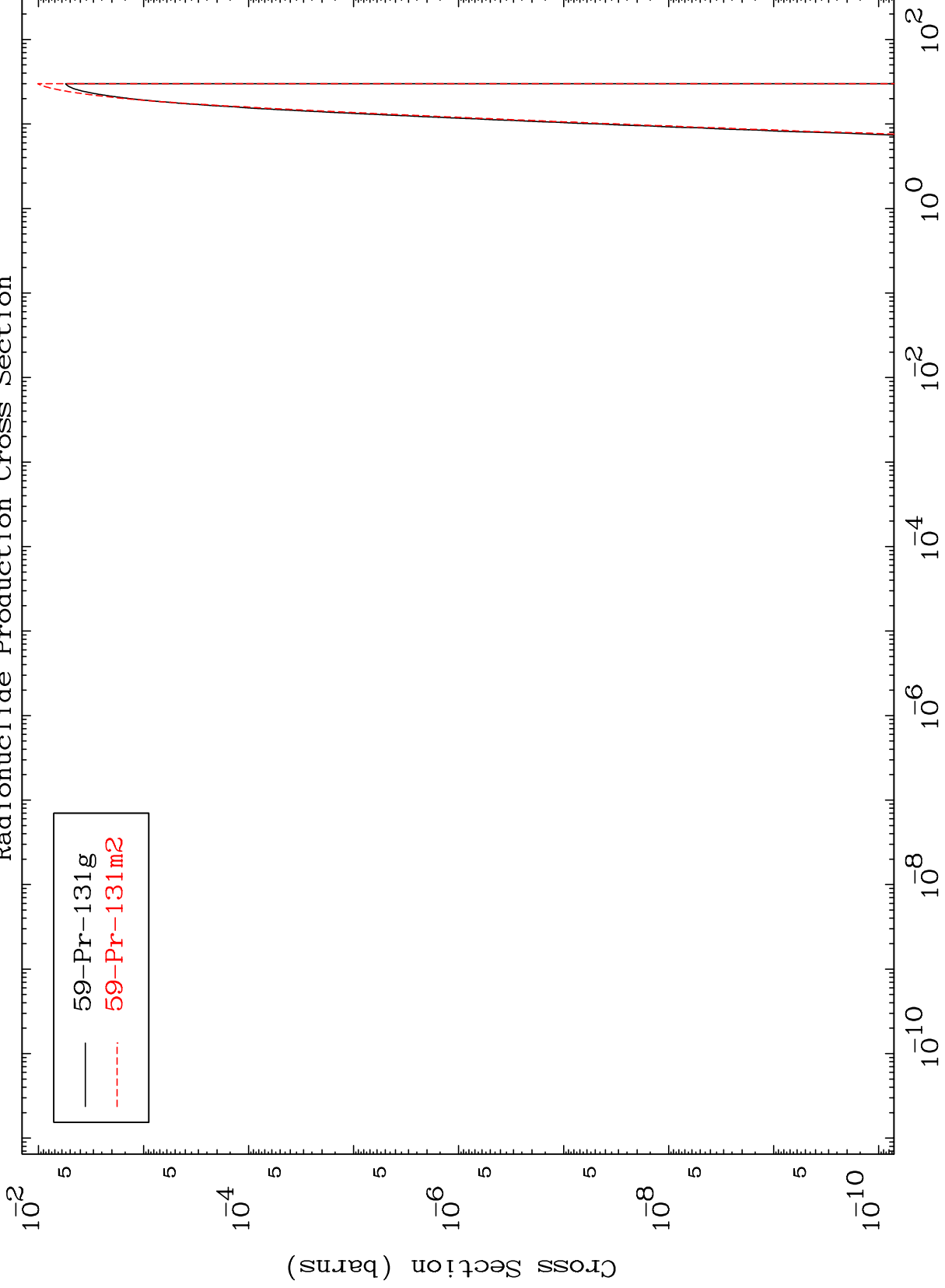
Incident Energy (MeV)

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(n,He-3)

61-Pm-133m

Radionuclide Production Cross Section



Incident Energy (MeV)

61-Pm-133m

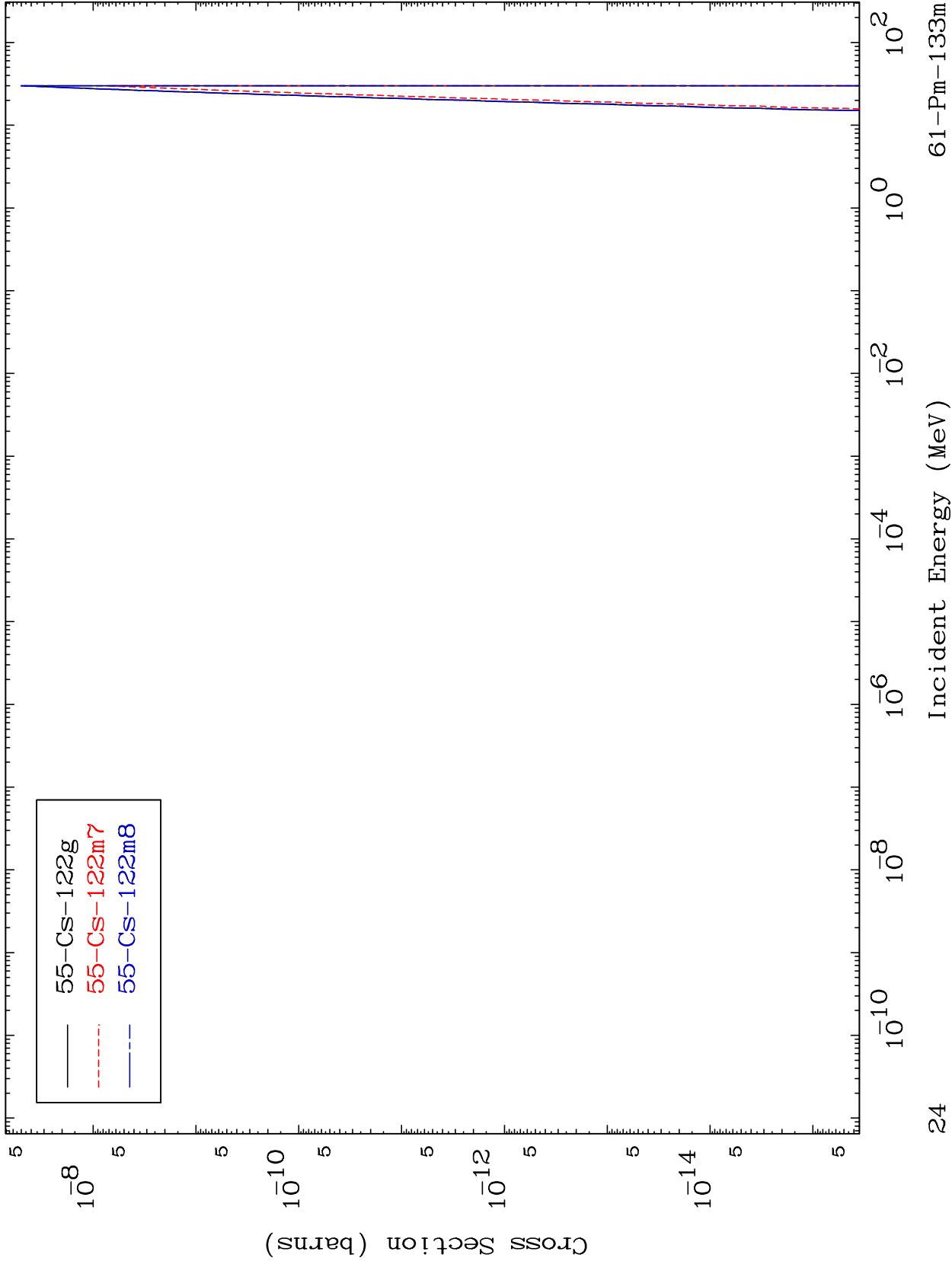
23

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(n, 3α)

61-Pm-133m

Radionuclide Production Cross Section



55-Cs-122g
55-Cs-122m7
55-Cs-122m8

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(n,p) d

61-Pm-133m

Radionuclide Production Cross Section

