

Program EVALPLOT  
(Version 2017-1)

by

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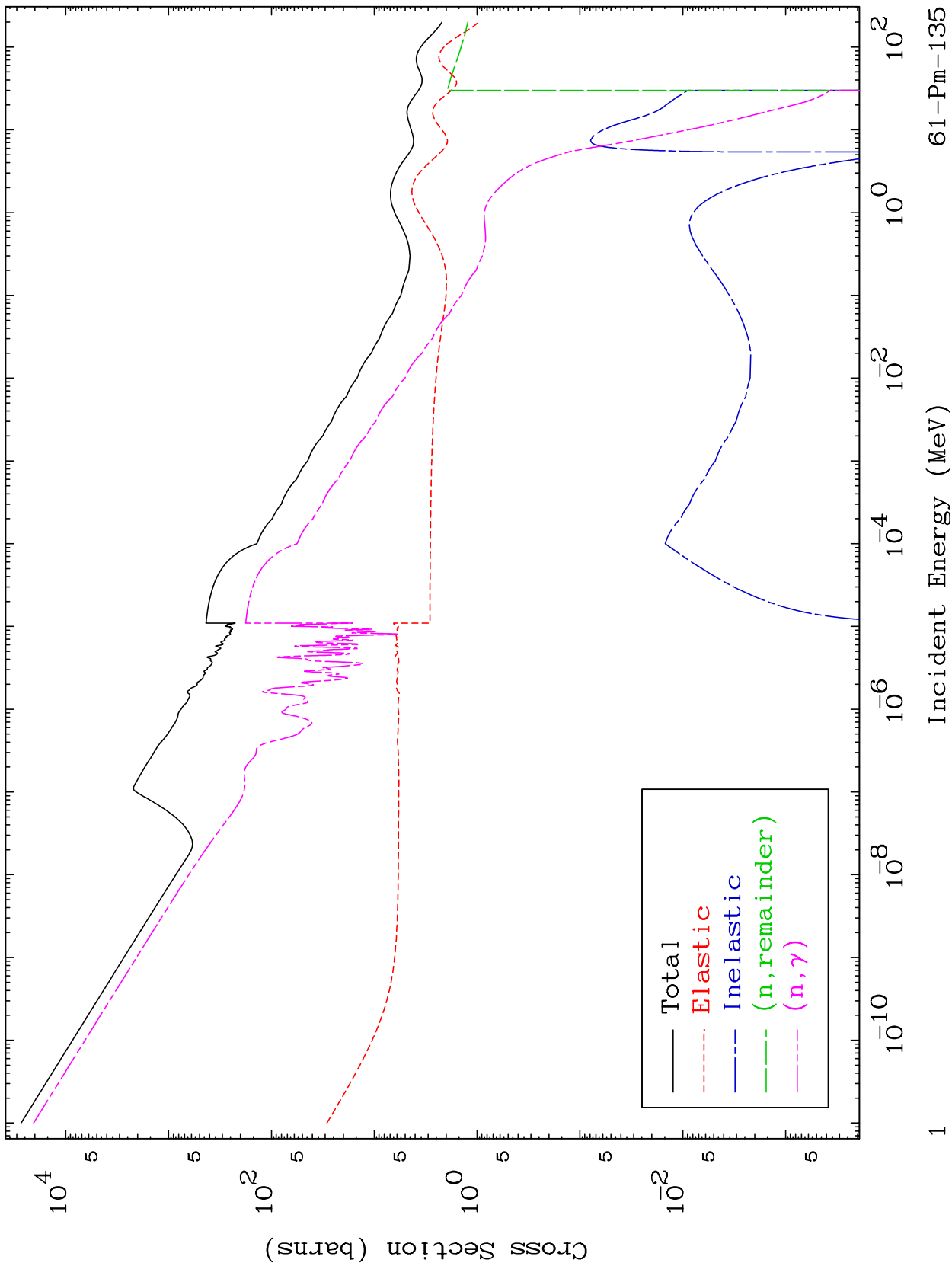
Press Mouse Button to Start

MAT 6114

Major

293 Kelvin Cross Sections

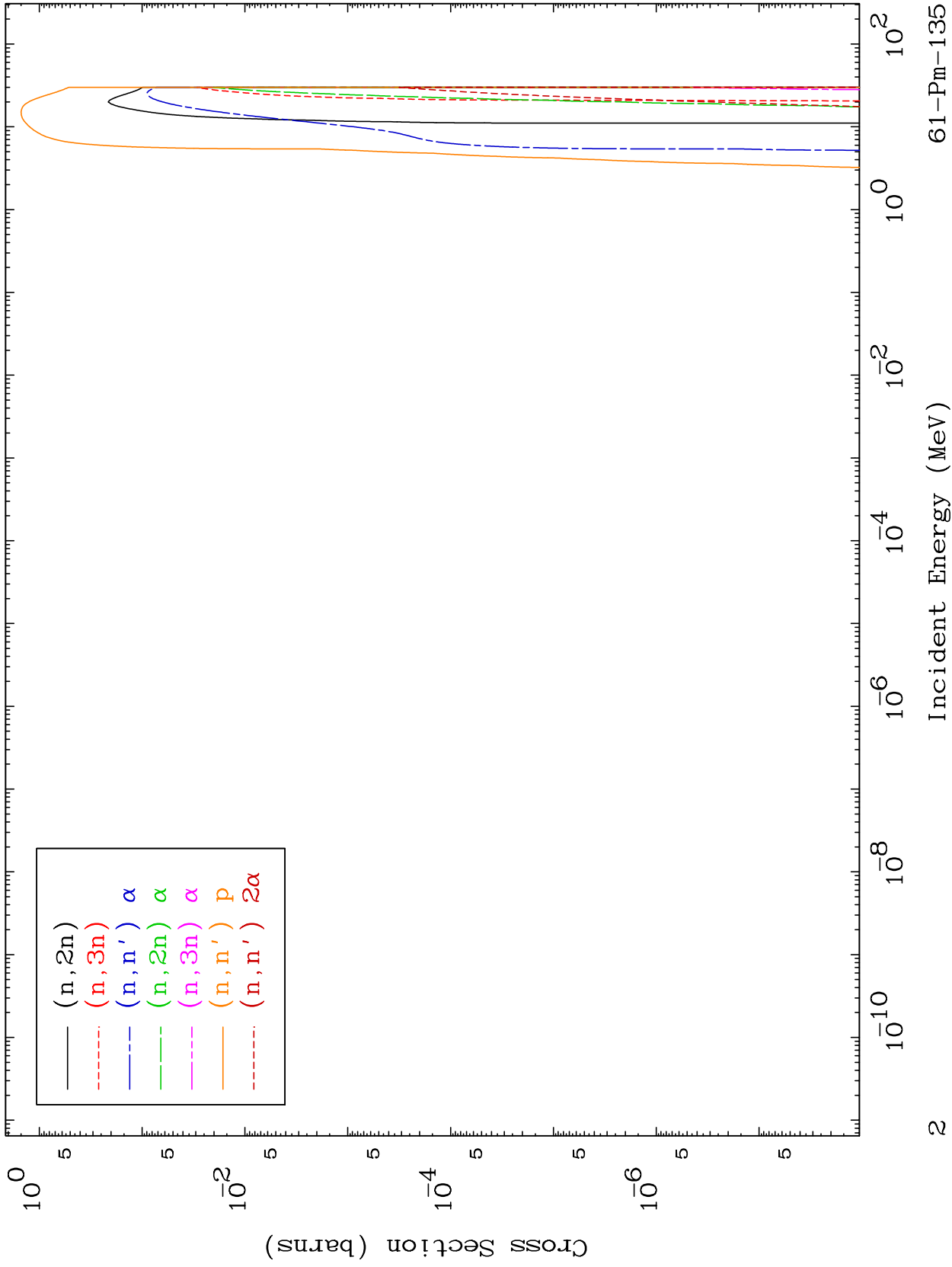
61-Pm-135

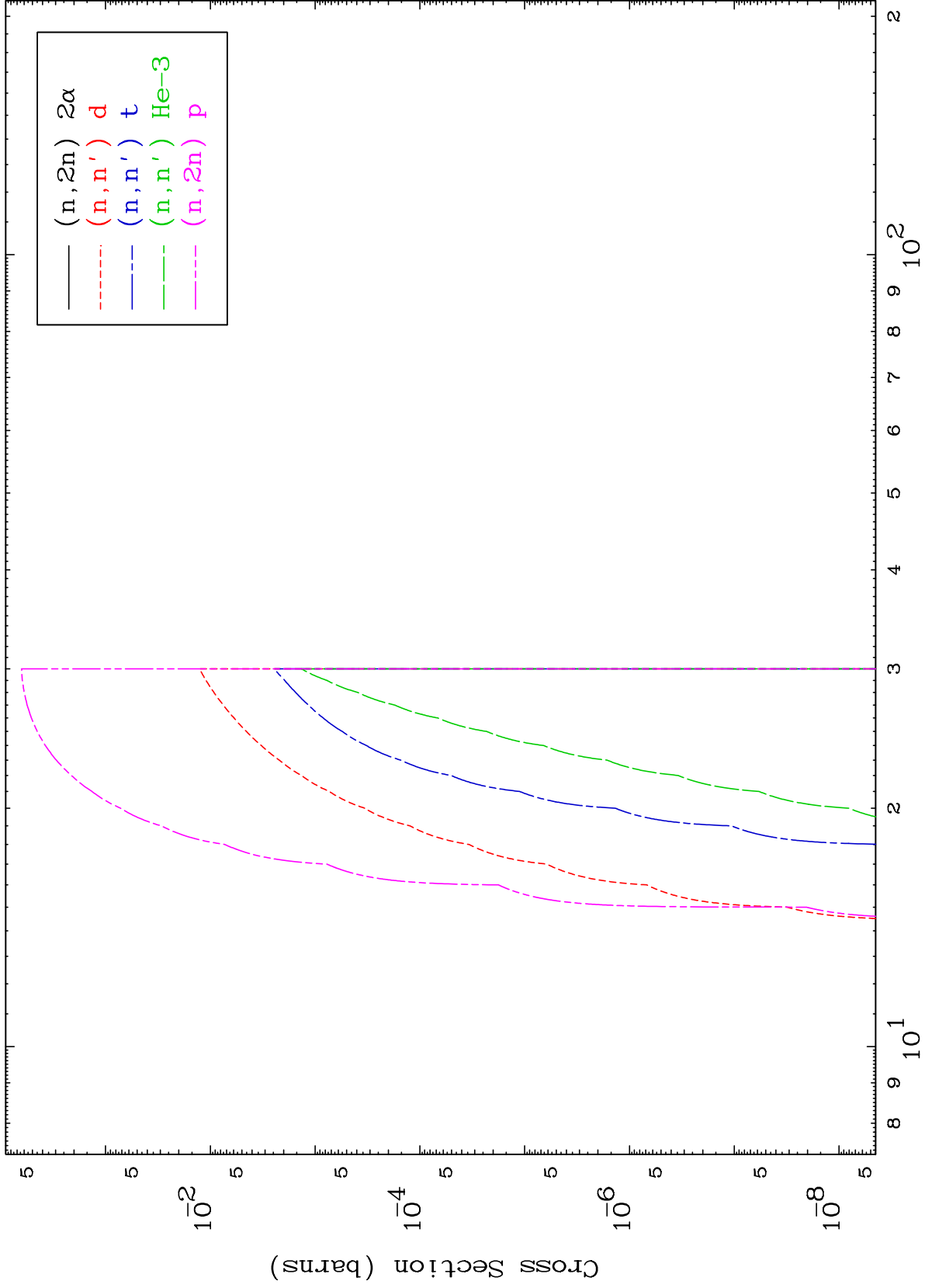


MAT 6114

Neutron Production  
293 Kelvin Cross Sections

61-Pm-135

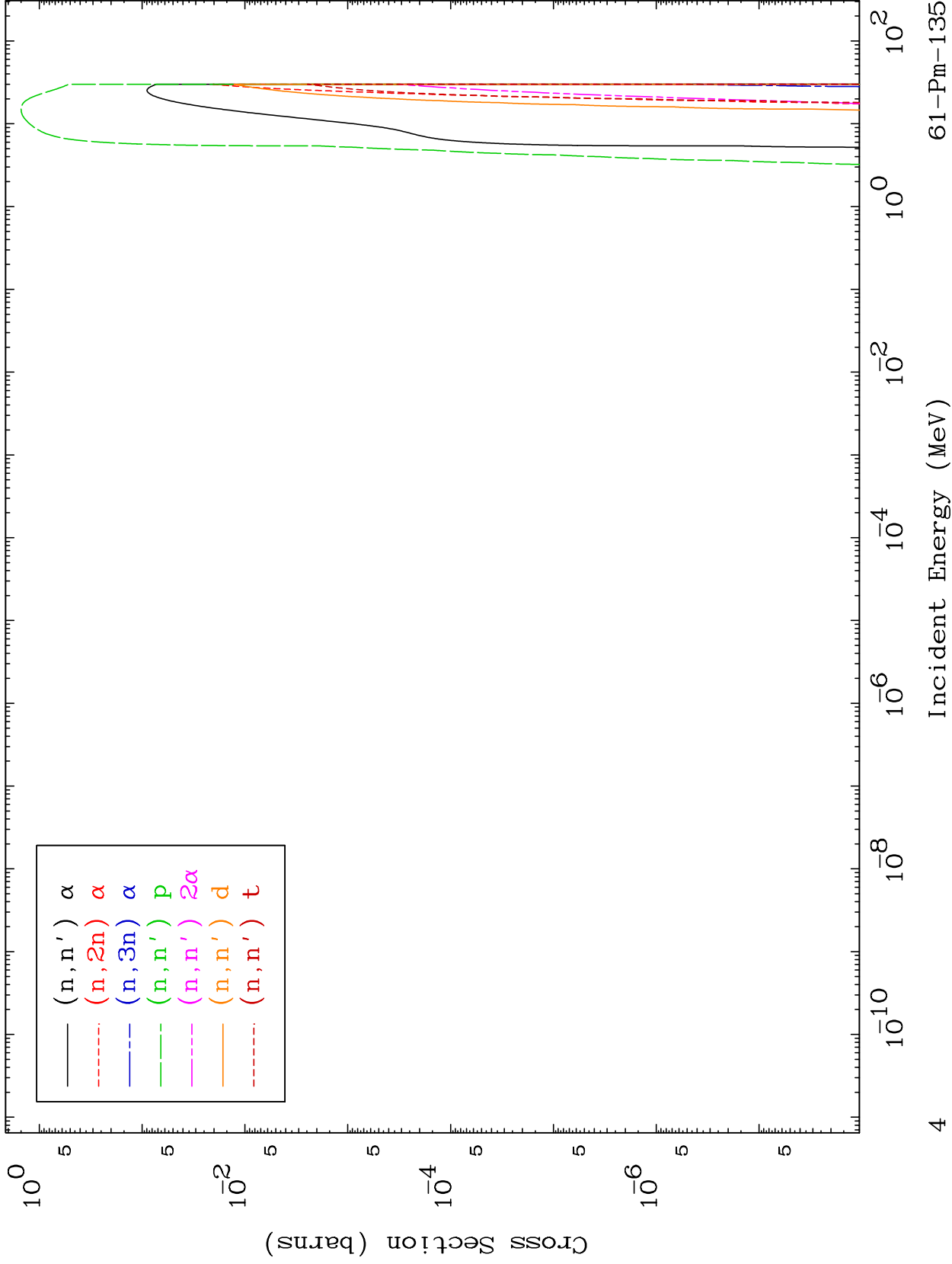




MAT 6114

Charged Particle  
293 Kelvin Cross Sections

61-Pm-135

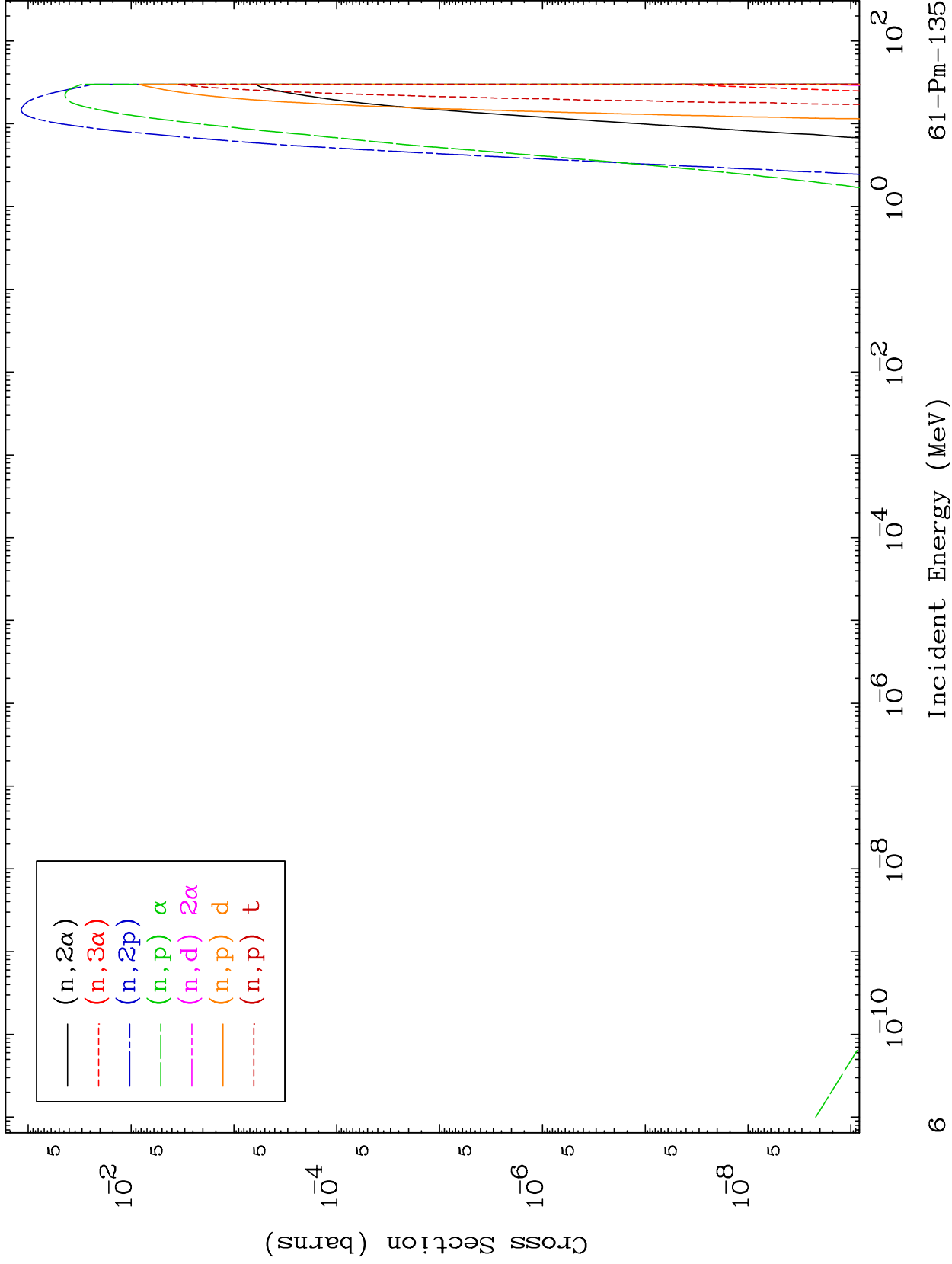




MAT 6114

Charged Particle  
293 Kelvin Cross Sections

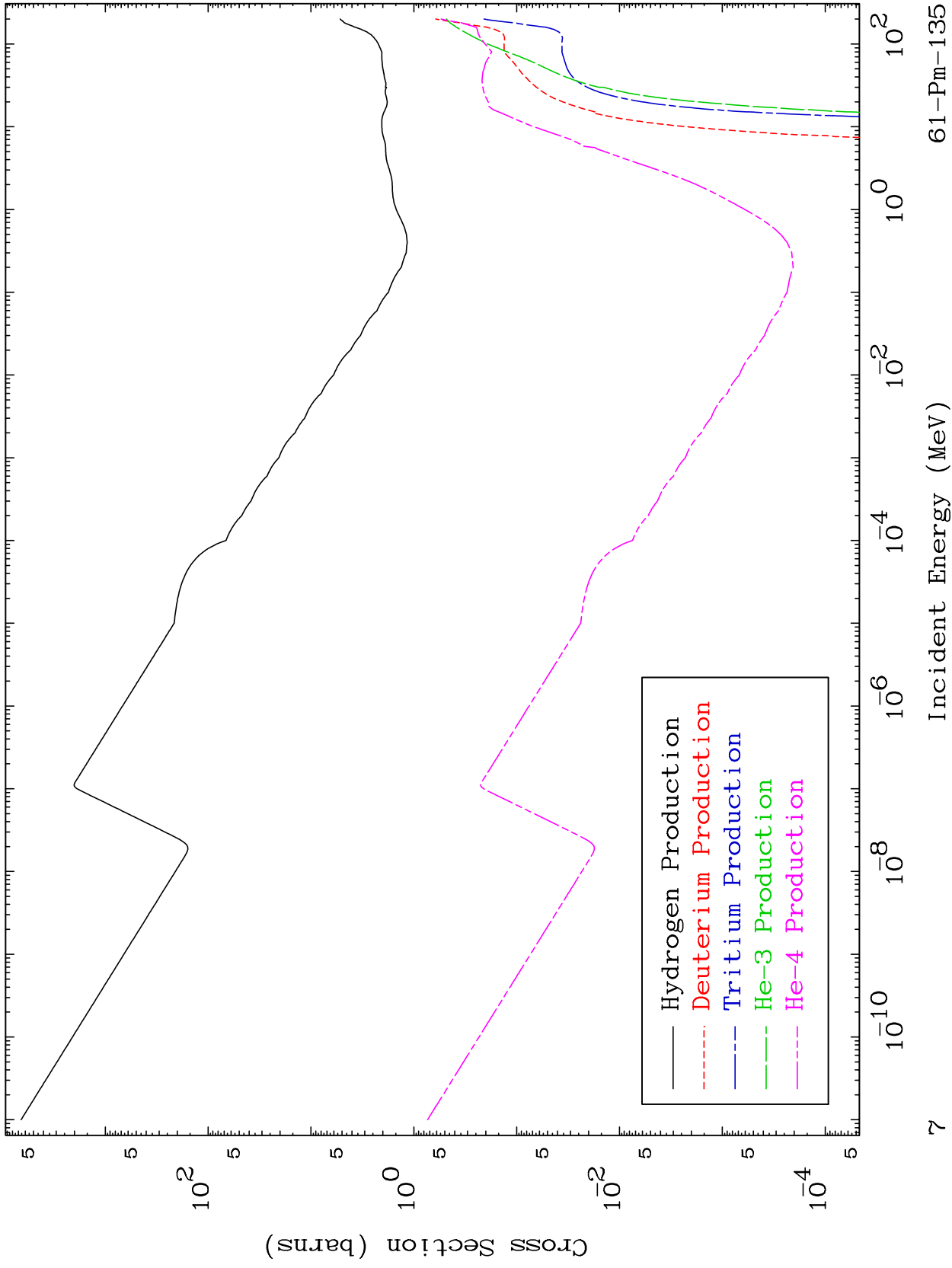
61-Pm-135



MAT 6114

Particle Production  
293 Kelvin Cross Sections

61-Pm-135

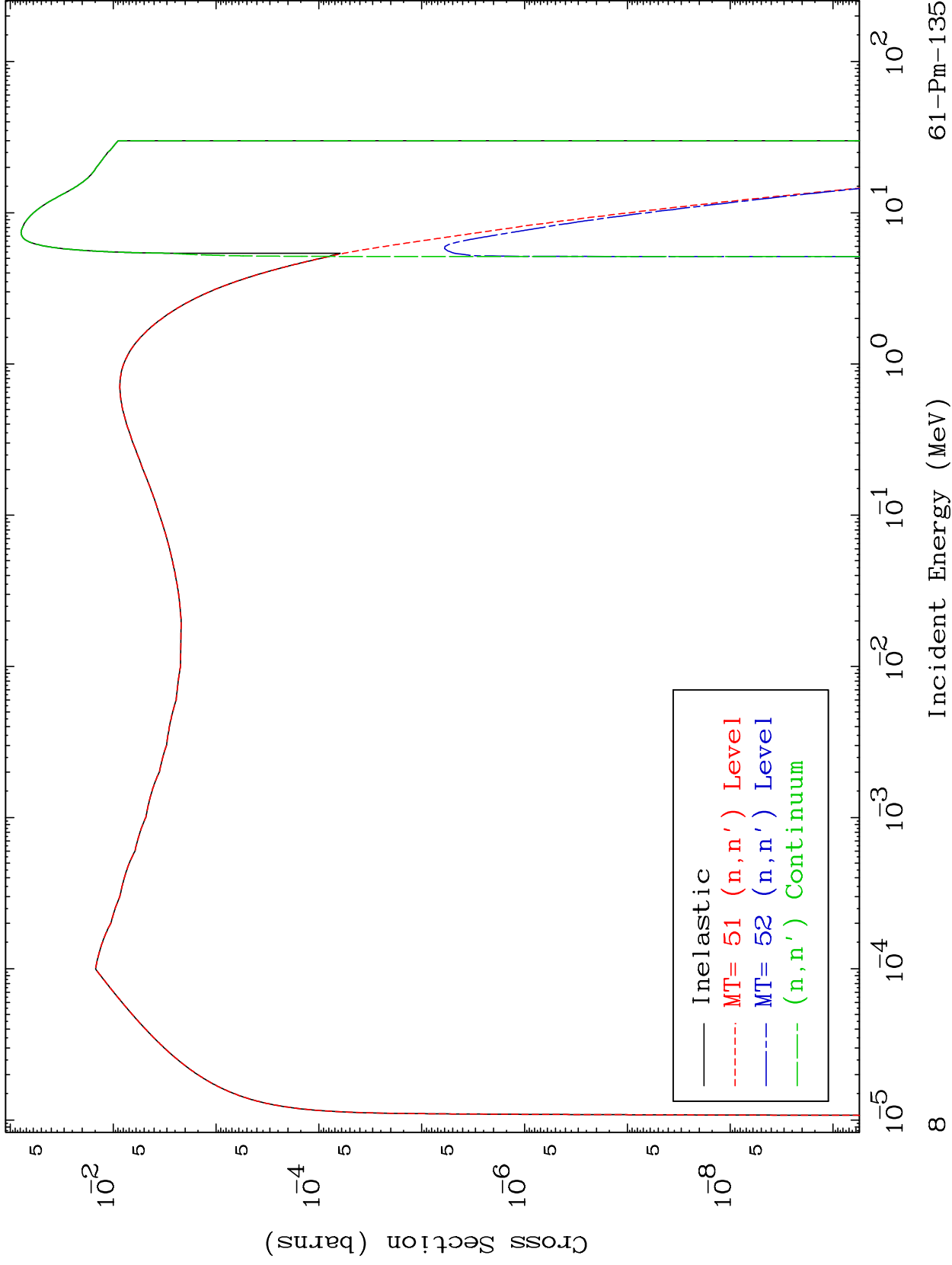




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(n,n') Level  
293 Kelvin Cross Sections

61-Pm-135



8

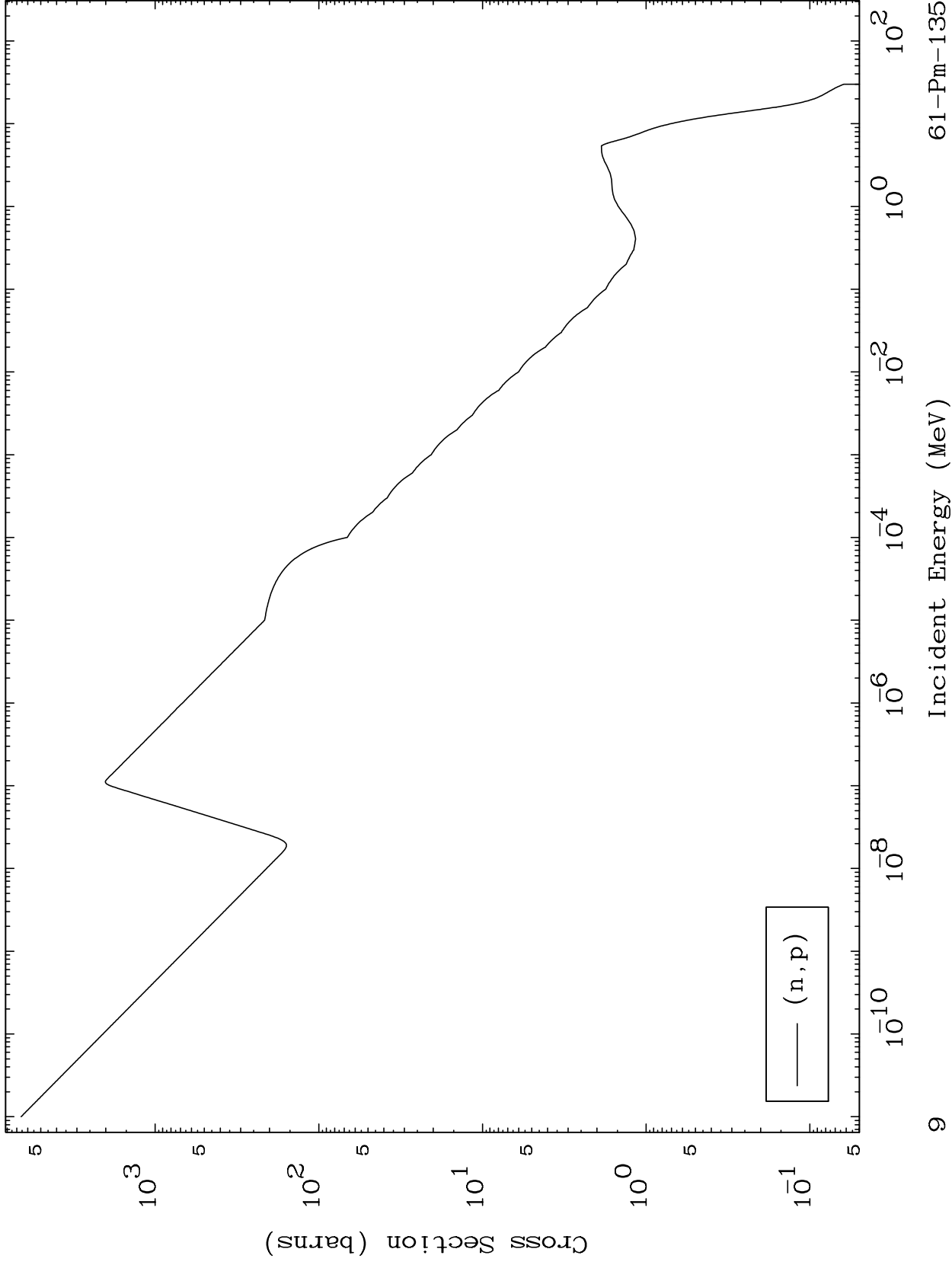
Incident Energy (MeV)

61-Pm-135

MAT 6114

(n,p) Levels  
293 Kelvin Cross Sections

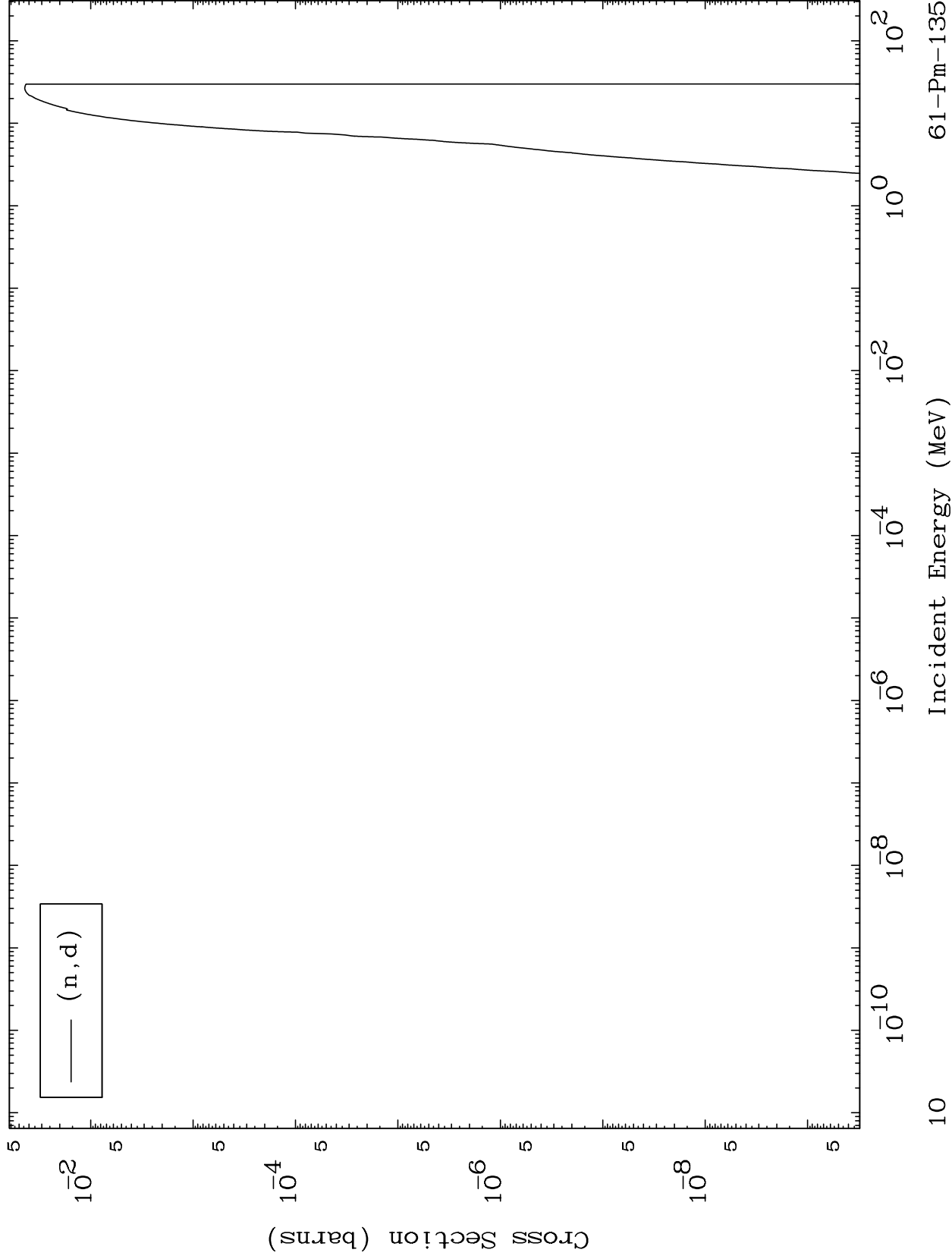
61-Pm-135



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(n,d) Levels  
293 Kelvin Cross Sections

61-Pm-135



10

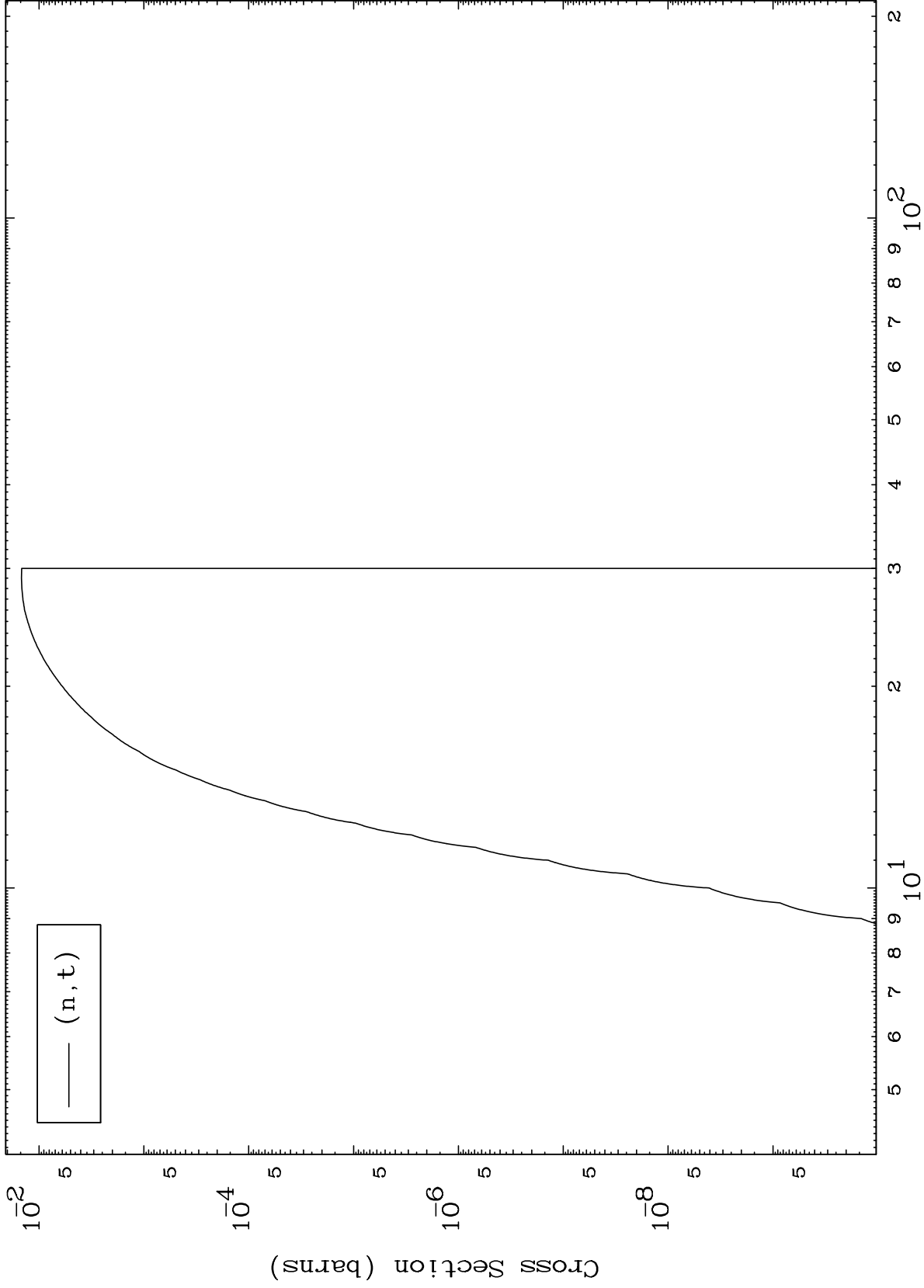
Incident Energy (MeV)

61-Pm-135

MAT 6114

(n,t) Levels  
293 Kelvin Cross Sections

61-Pm-135



11

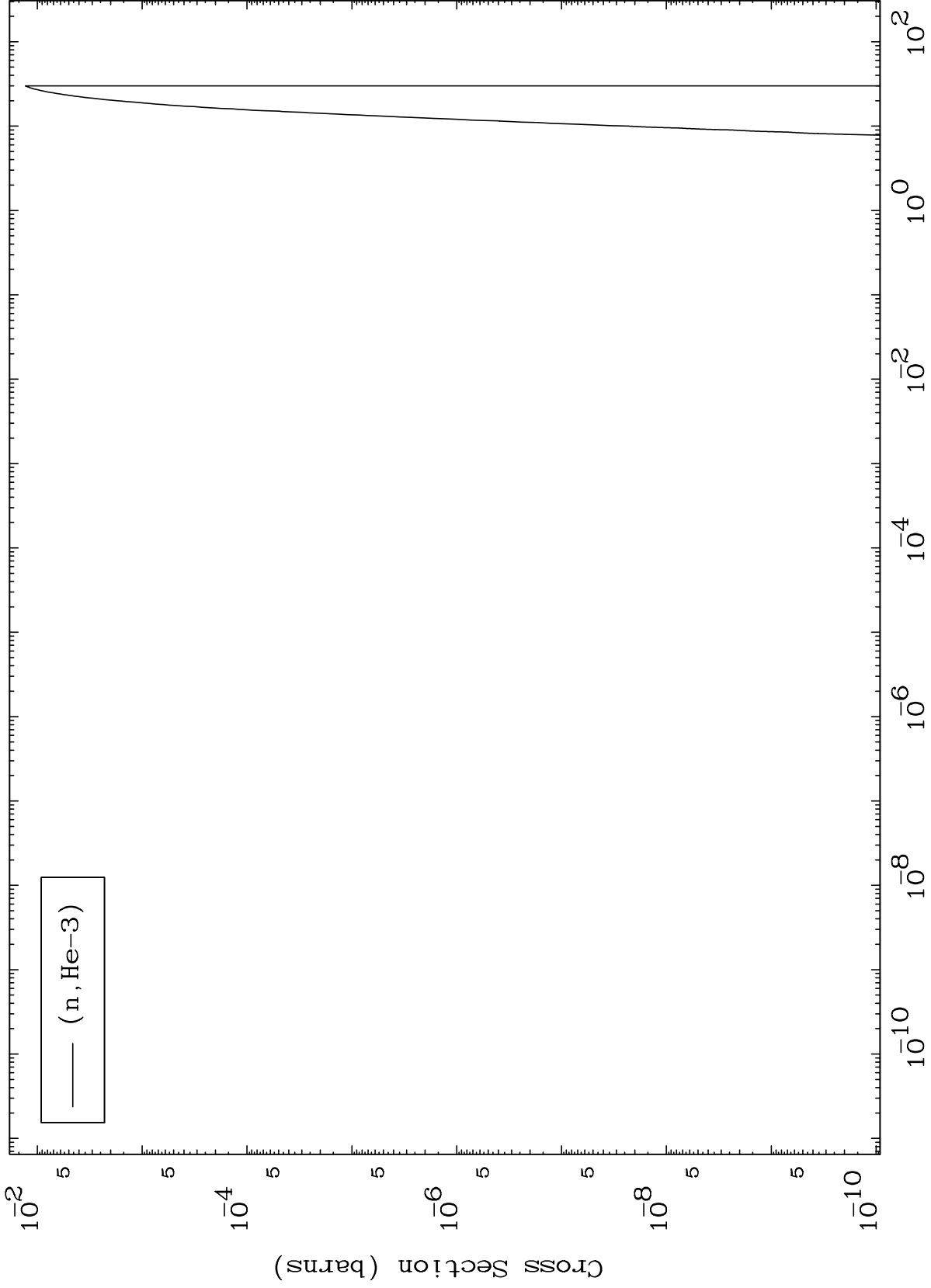
Incident Energy (MeV)

61-Pm-135

MAT 6114

(n,He3) Levels  
293 Kelvin Cross Sections

61-Pm-135



12

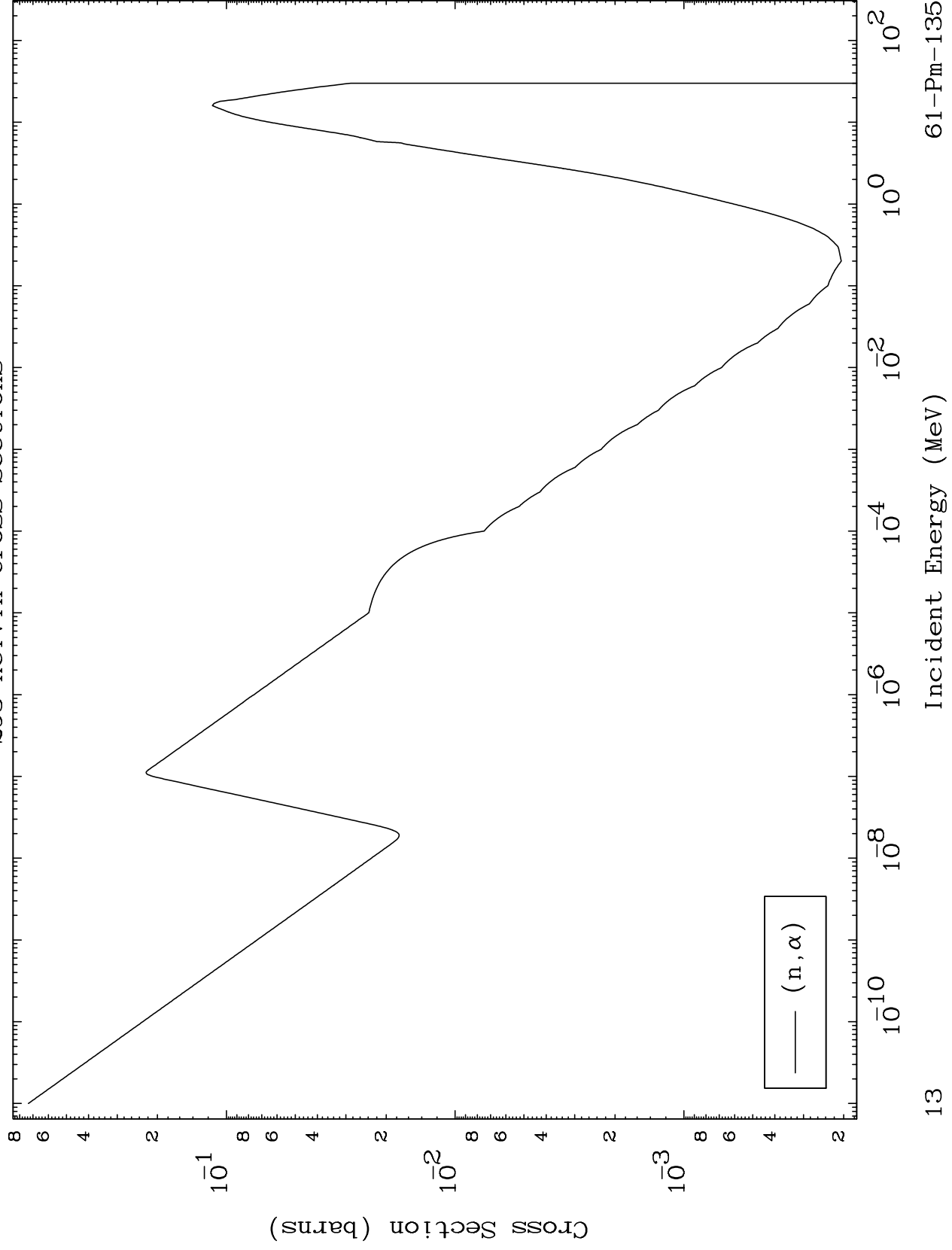
Incident Energy (MeV)

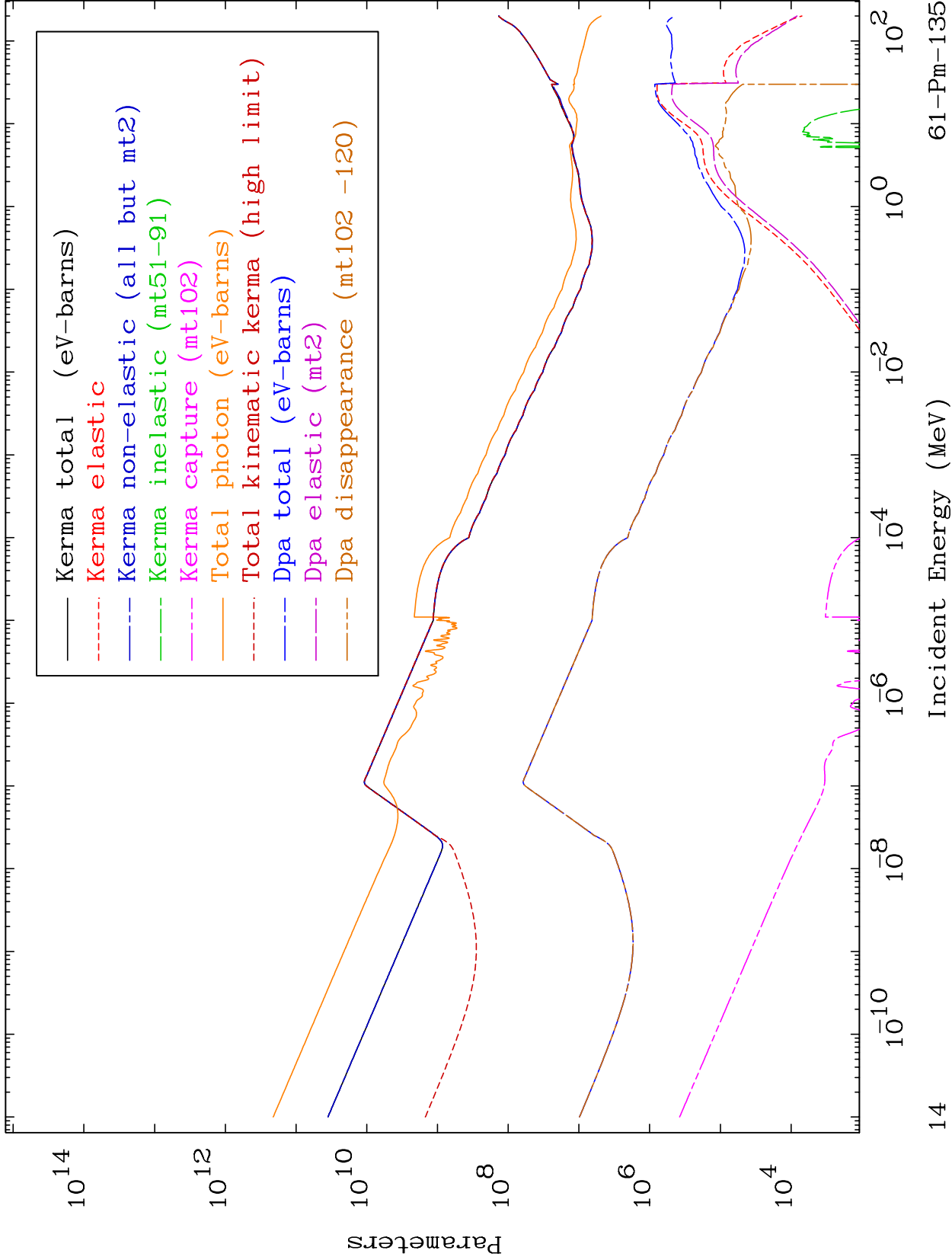
61-Pm-135

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(n,α) Levels  
293 Kelvin Cross Sections

61-Pm-135







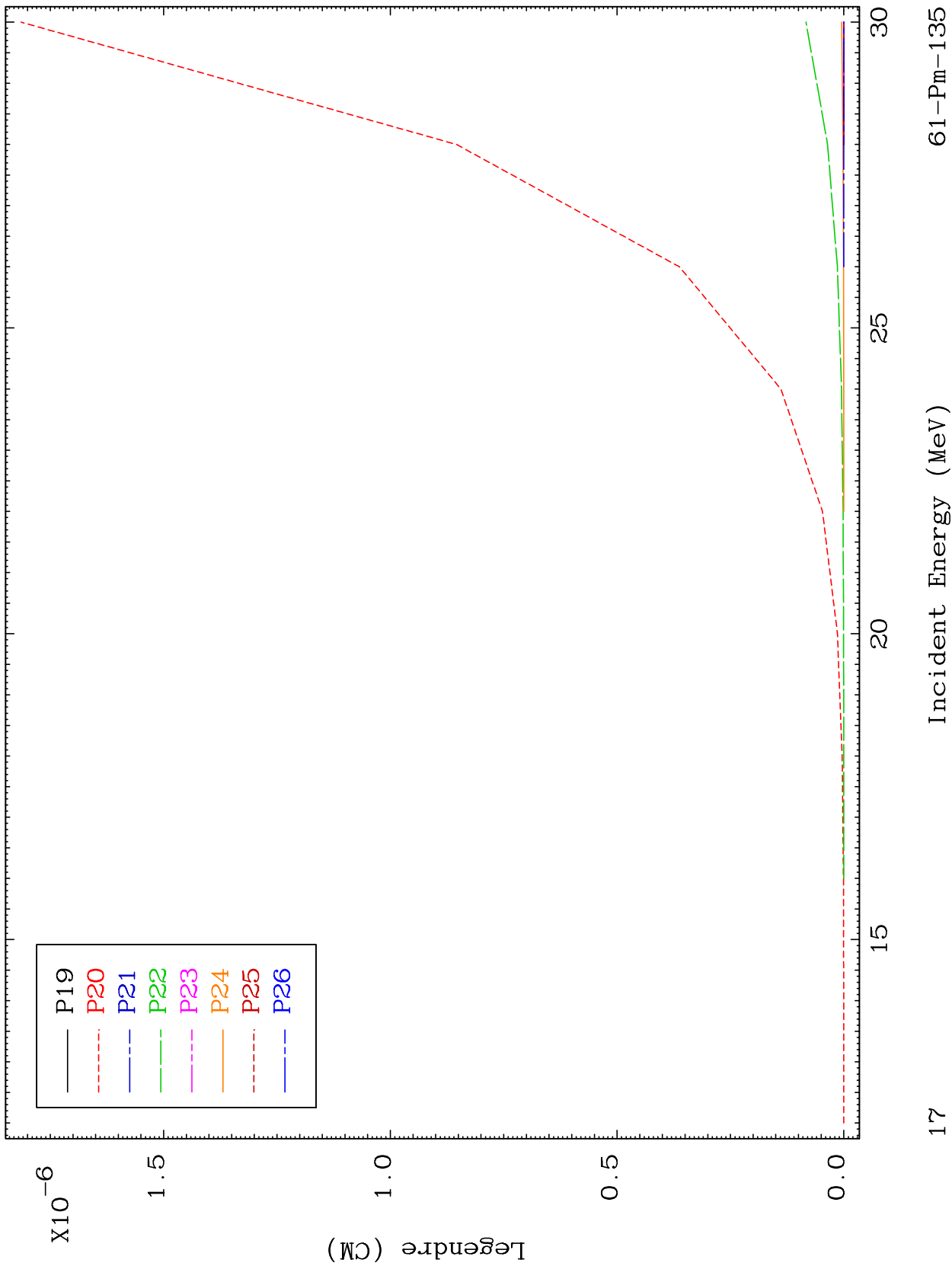




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Elastic  
Legendre Coefficients

61-Pm-135



17

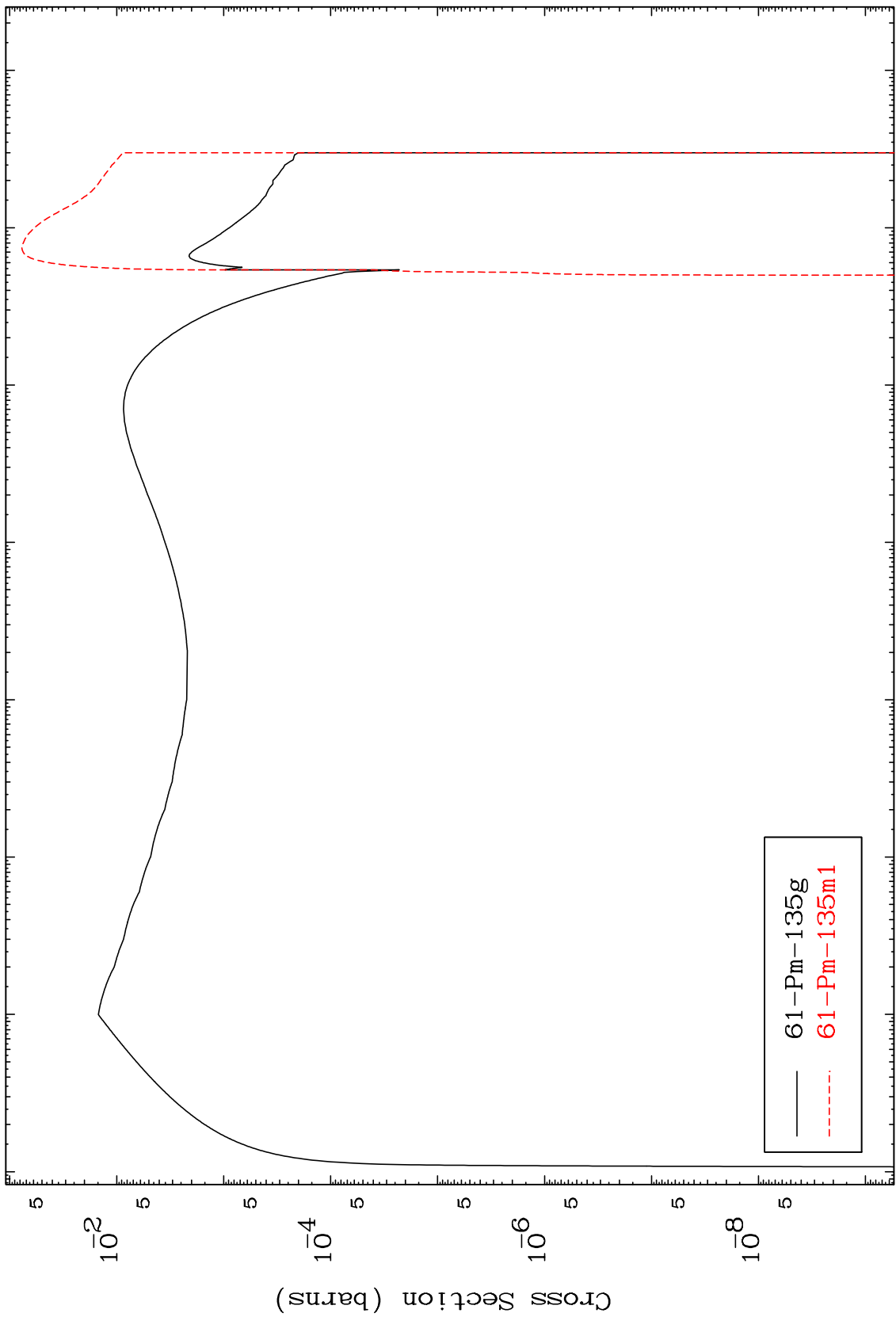
61-Pm-135

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Inelastic

61-Pm-135

Radionuclide Production Cross Section



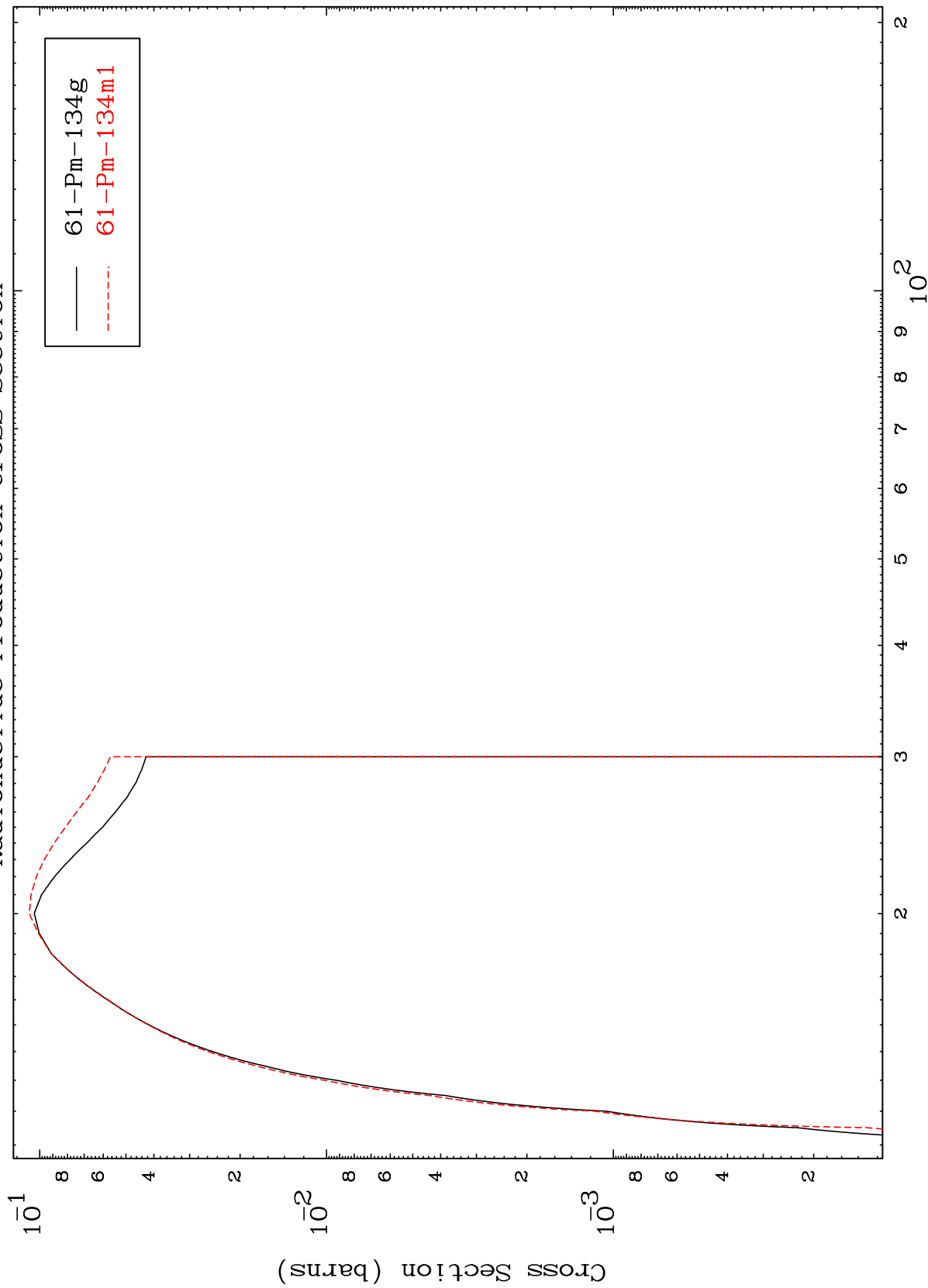
61-Pm-135g  
61-Pm-135m1

18 61-Pm-135 Incident Energy (MeV)

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61-Pm-135

(n,2n)  
Radionuclide Production Cross Section

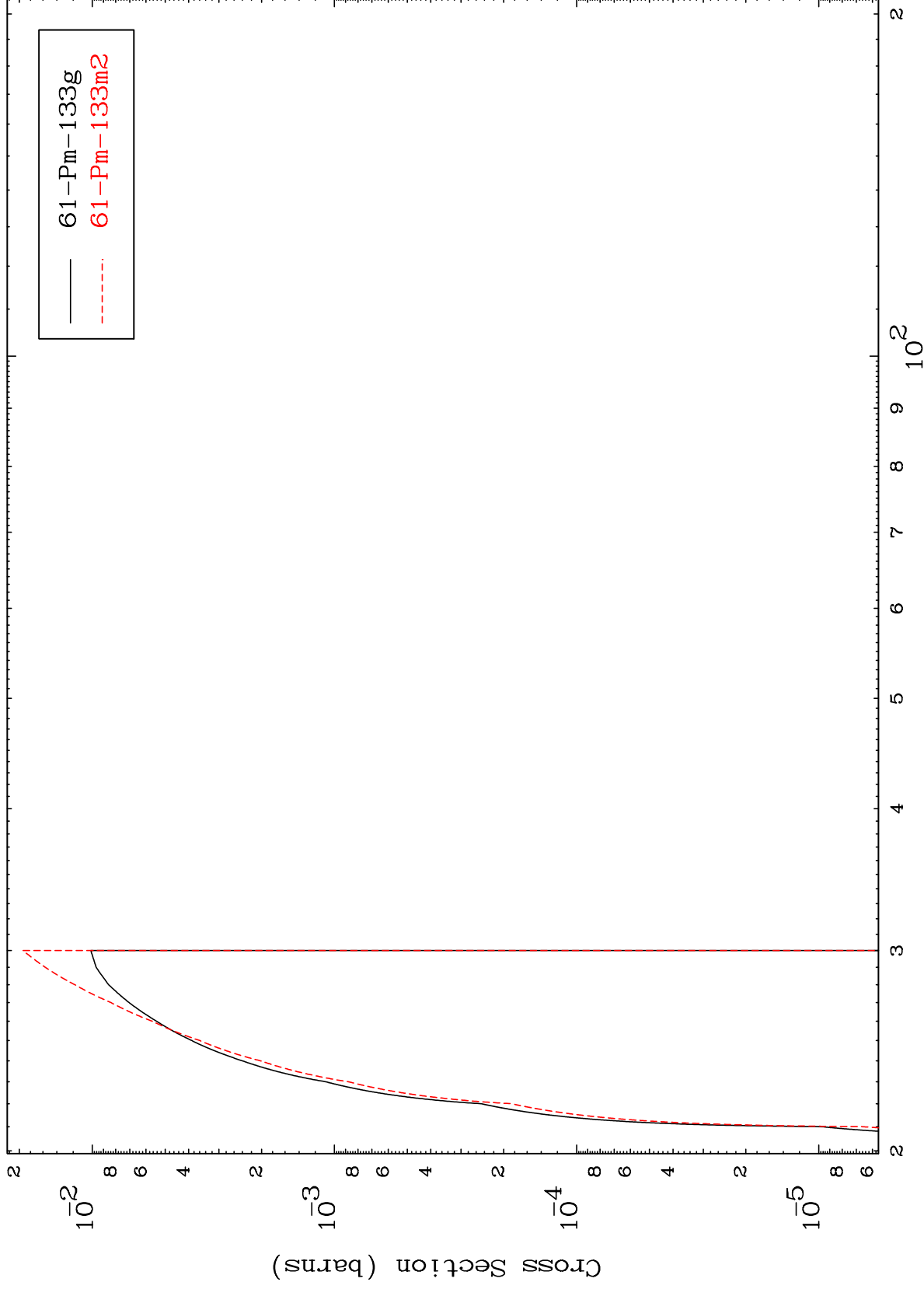


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(n,3n)

61-Pm-135

Radionuclide Production Cross Section



20

Incident Energy (MeV)

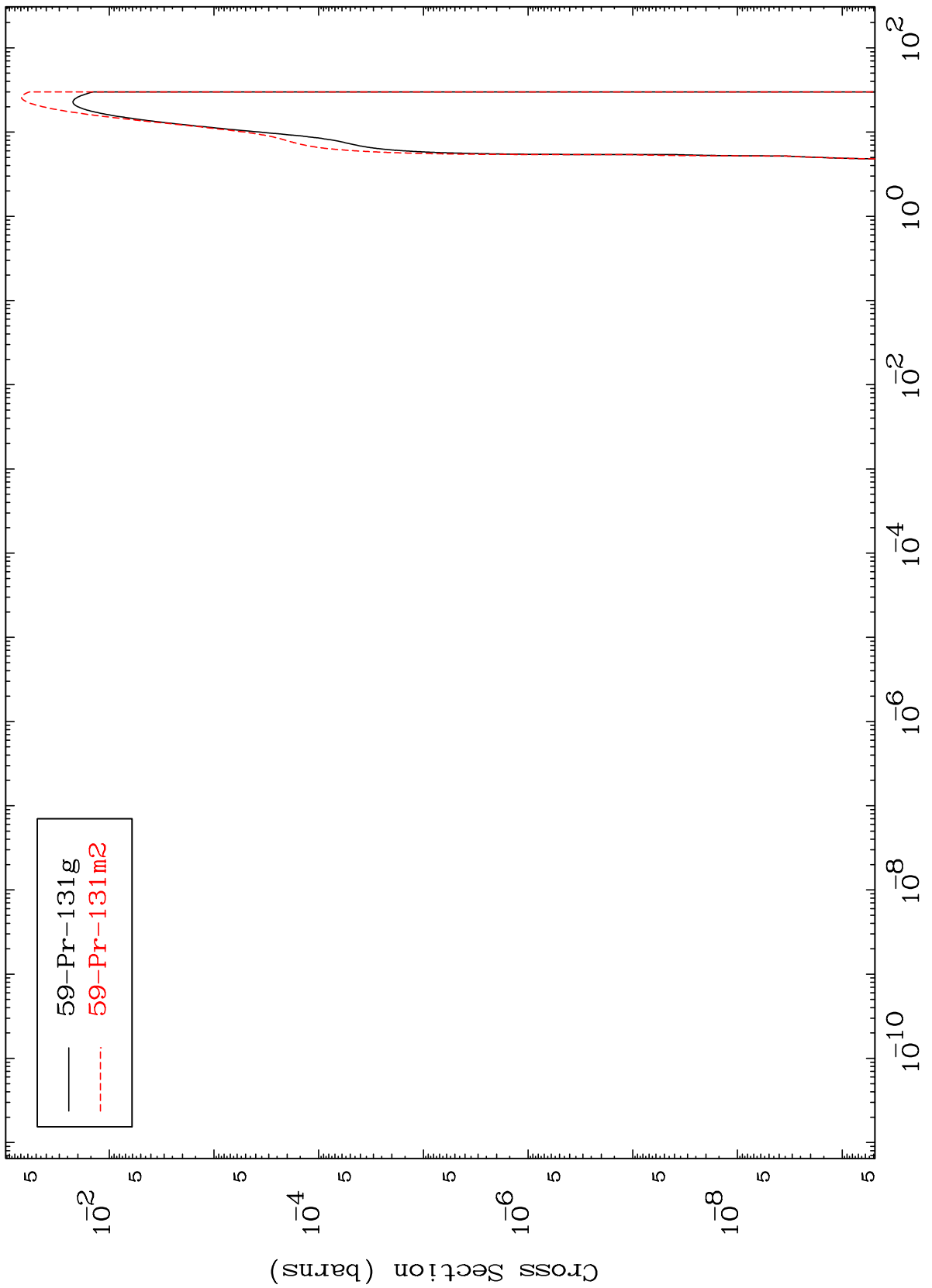
61-Pm-135

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$(n, n') \alpha$

61-Pm-135

Radionuclide Production Cross Section

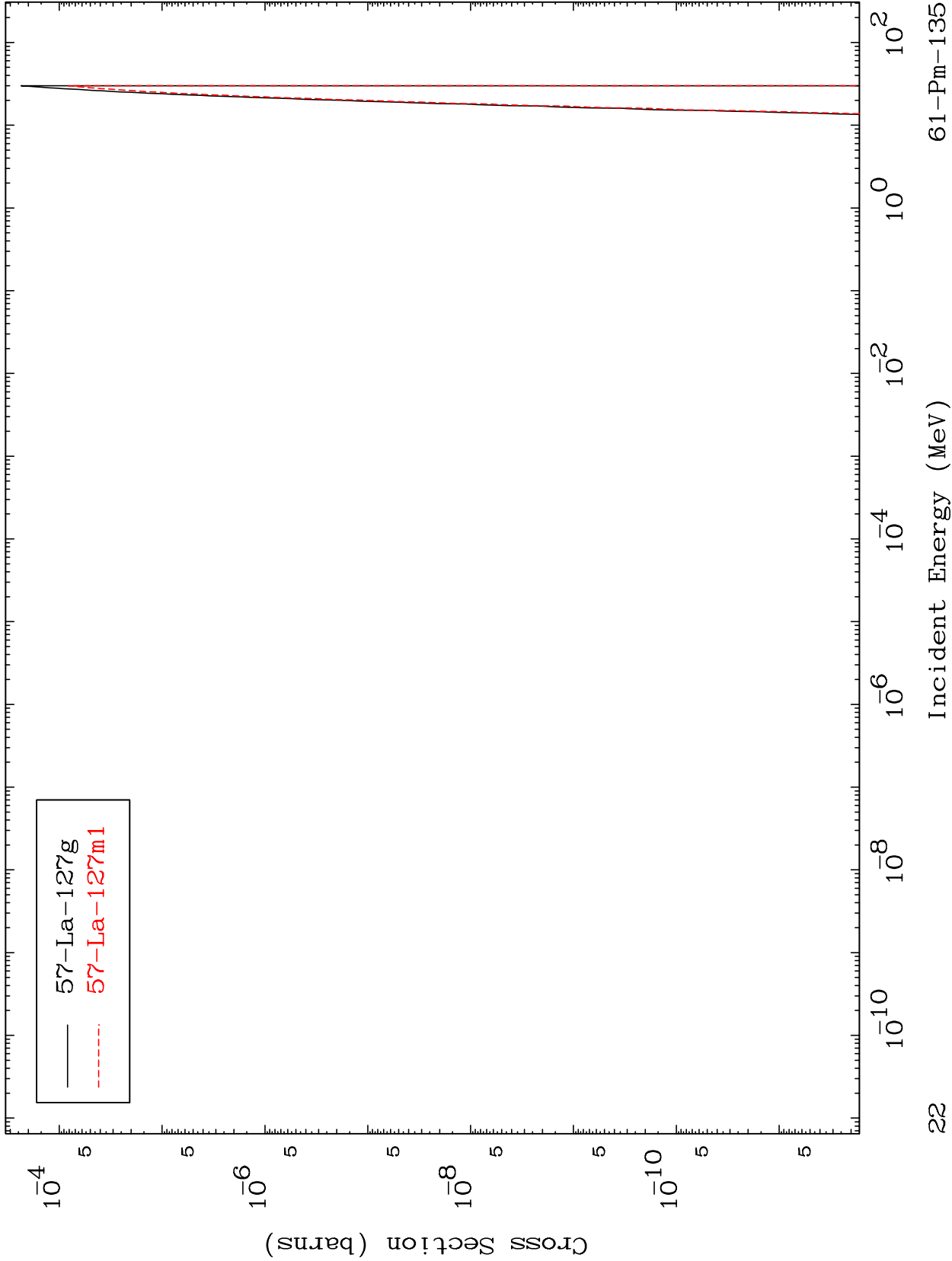


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(n,n') 2 $\alpha$

61-Pm-135

Radionuclide Production Cross Section

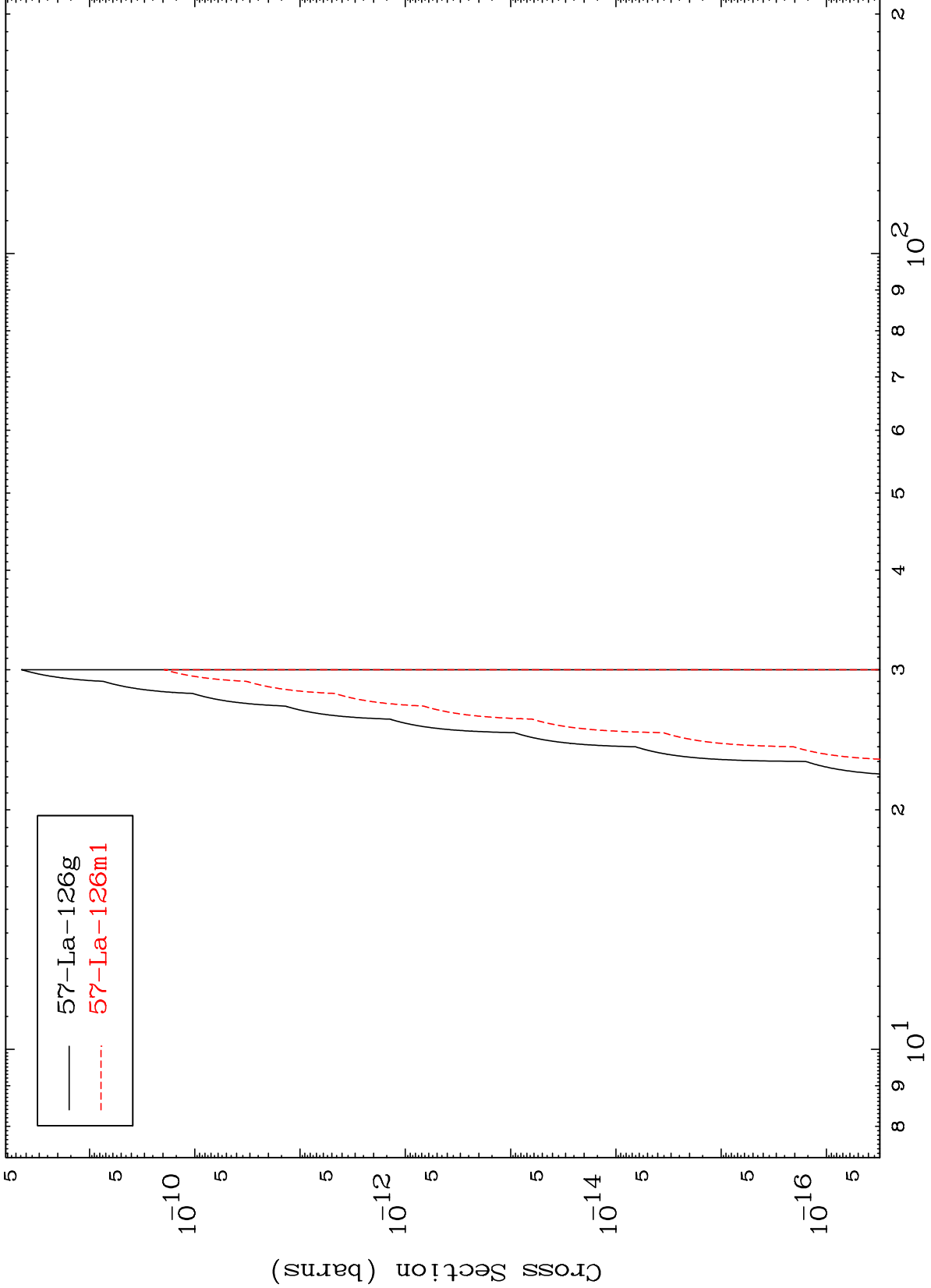


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(n,2n) 2α

61-Pm-135

Radionuclide Production Cross Section



23

Incident Energy (MeV)

61-Pm-135

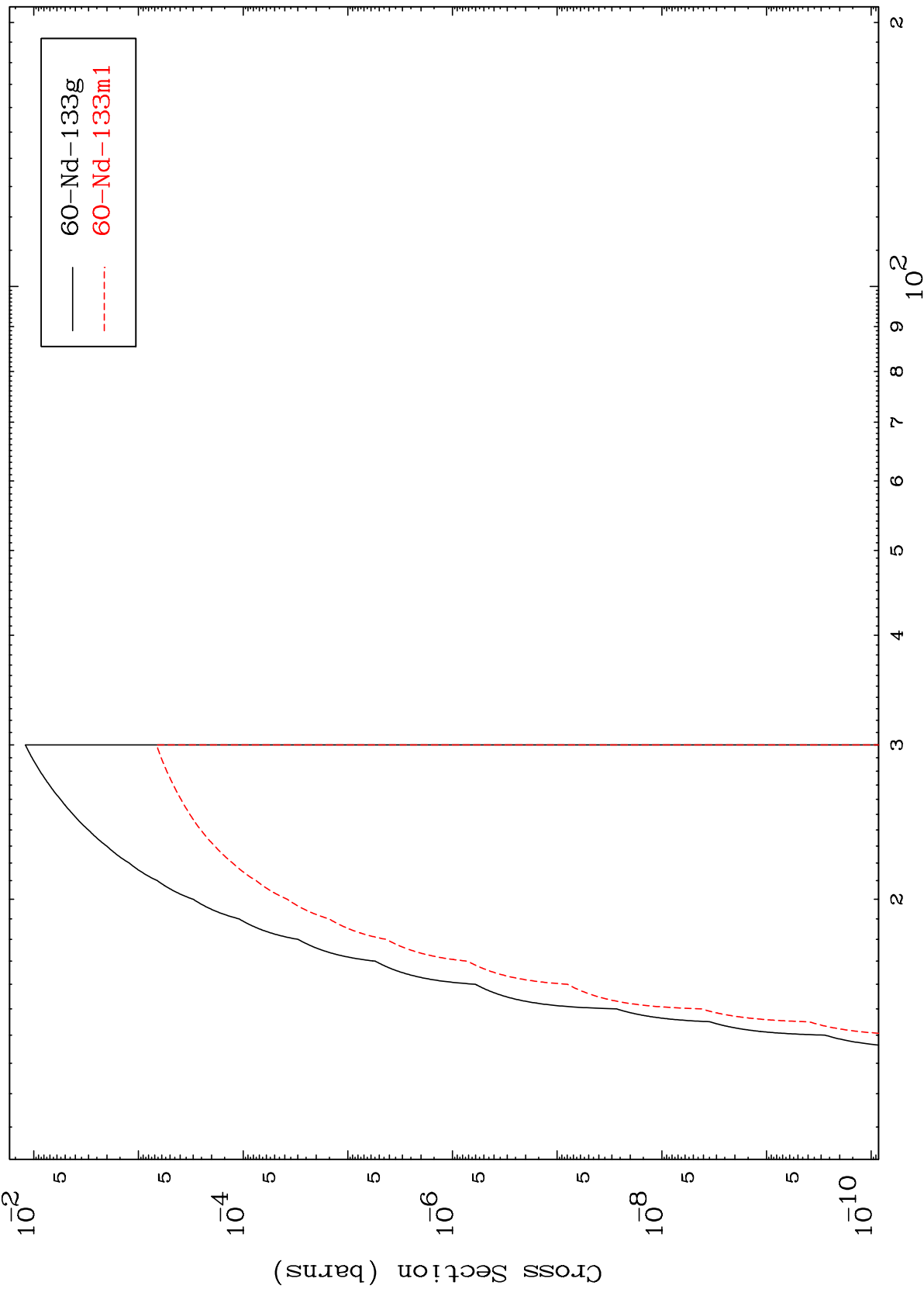


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(n,n') d

61-Pm-135

Radionuclide Production Cross Section

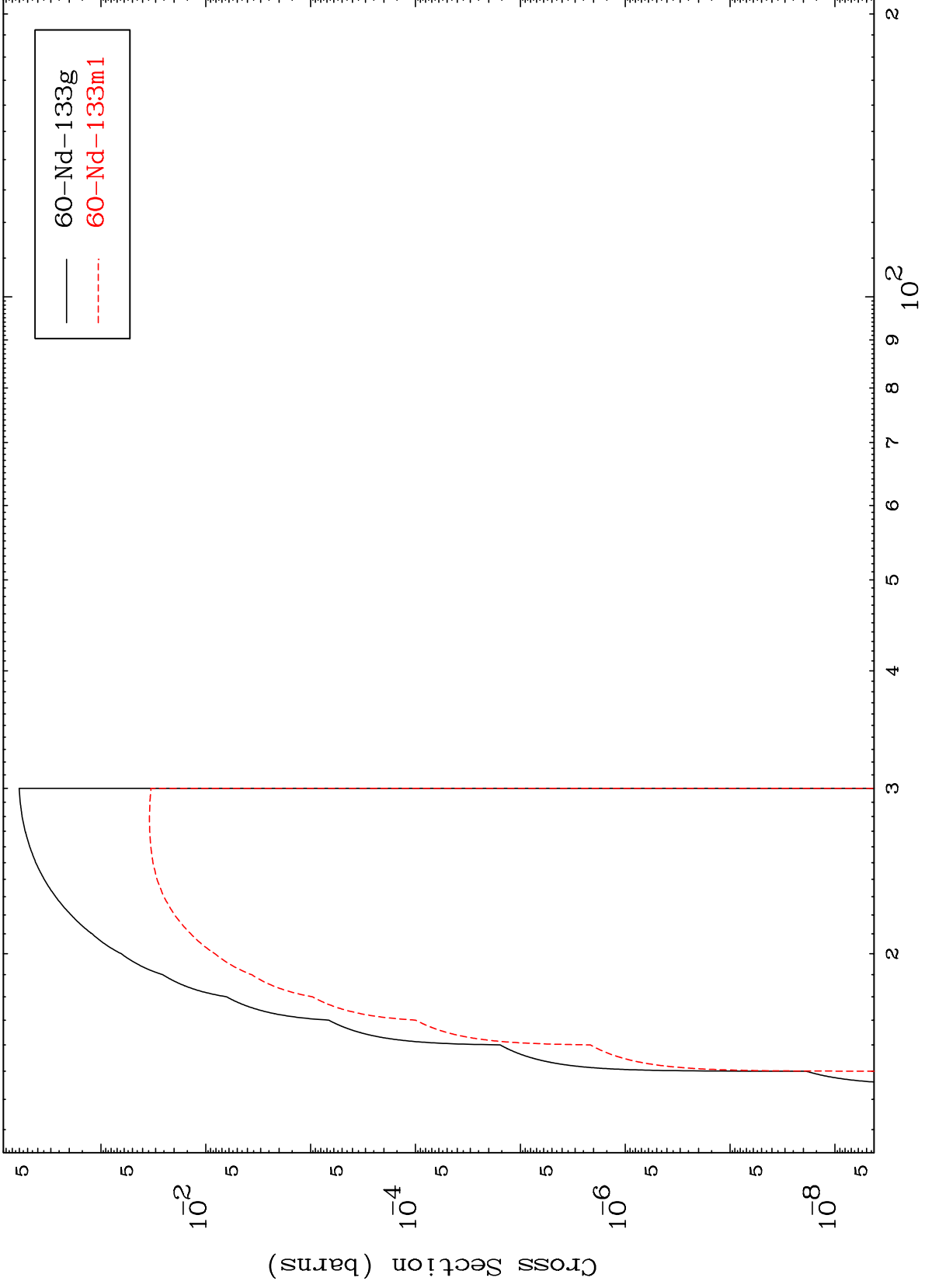


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Incident Energy (MeV)

61-Pm-135

Radionuclide Production Cross Section

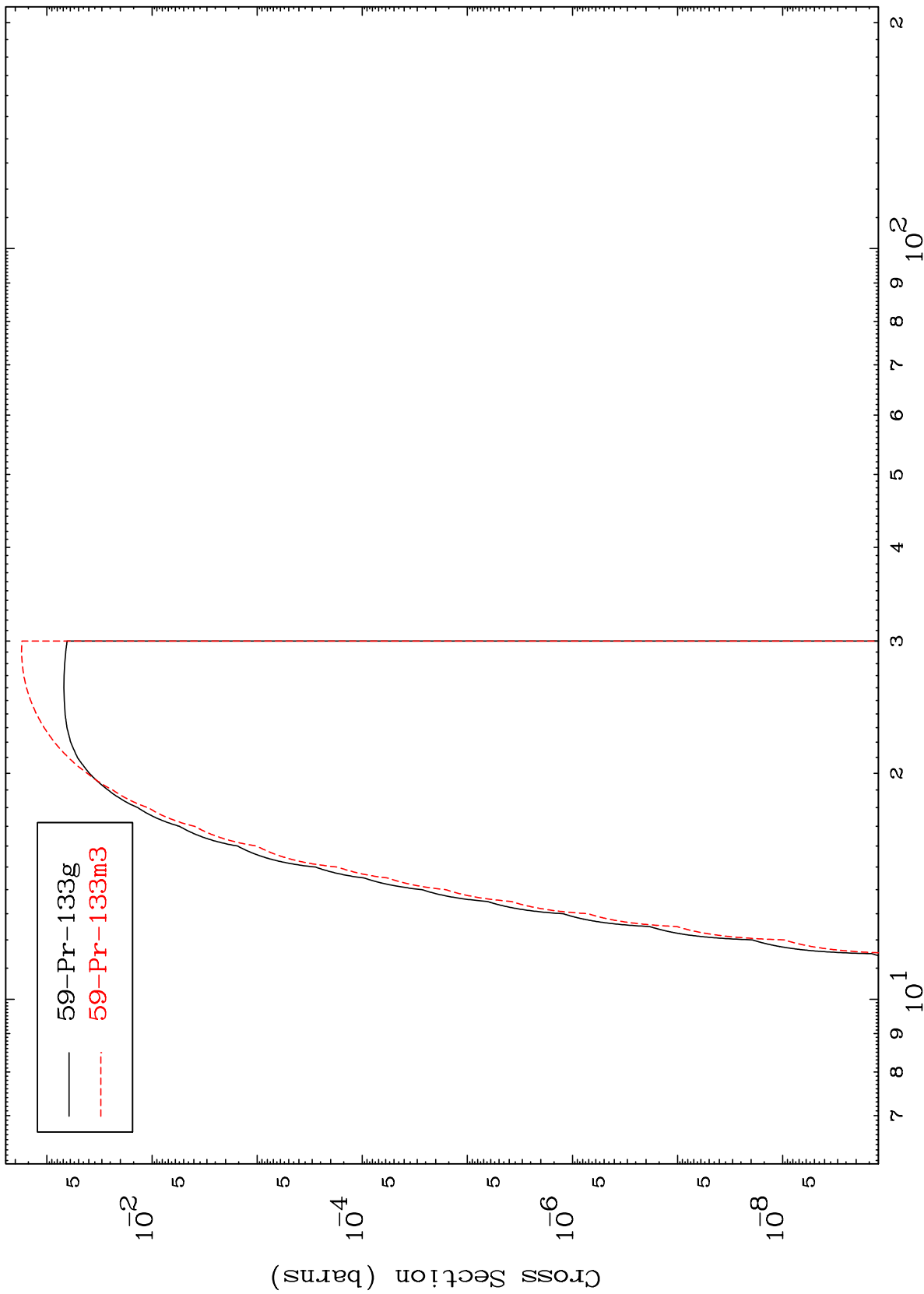


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(n,2n) p

61-Pm-135

Radionuclide Production Cross Section



59-Pr-133g  
59-Pr-133m3

26

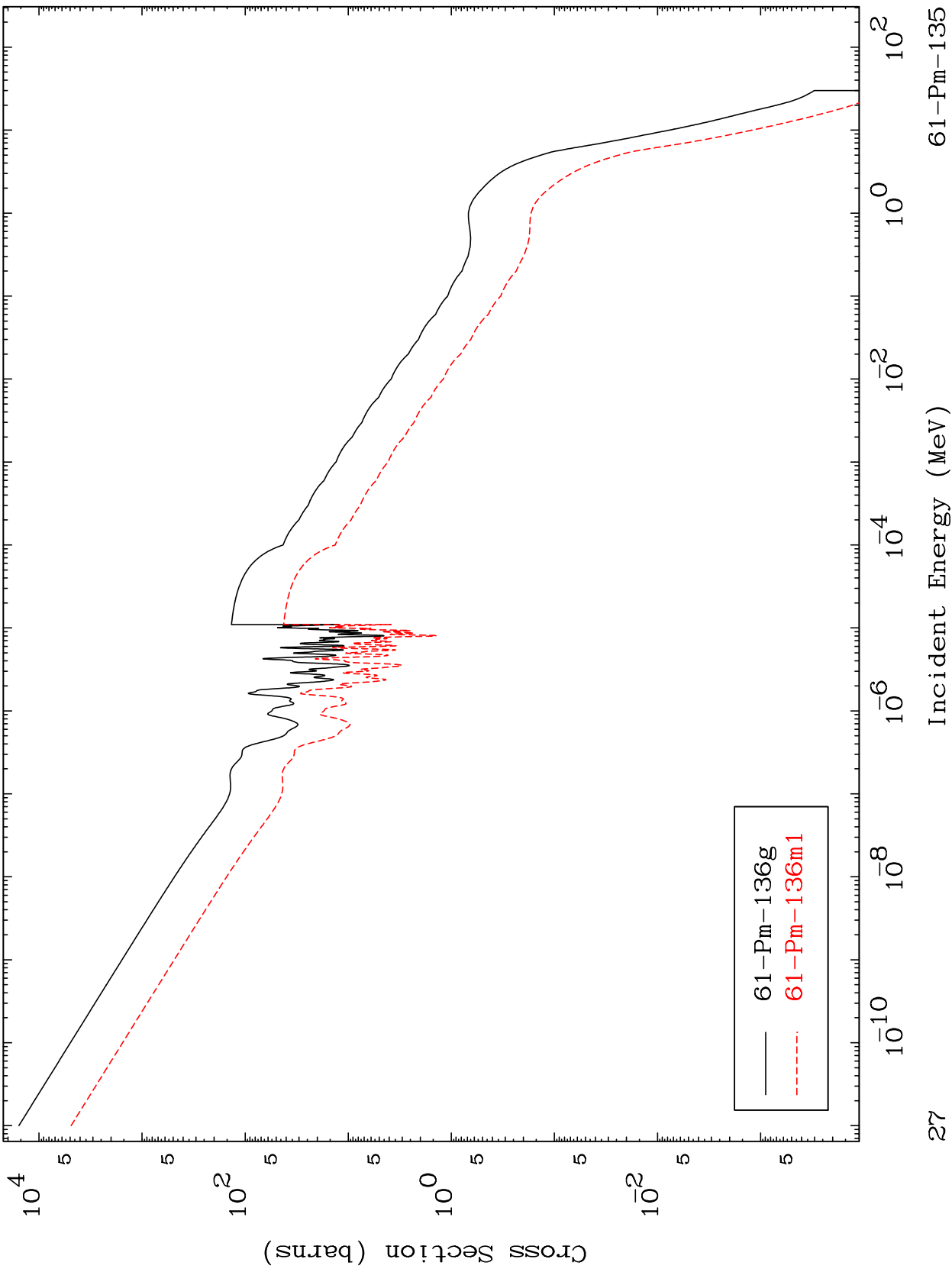
Incident Energy (MeV)

61-Pm-135

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61-Pm-135

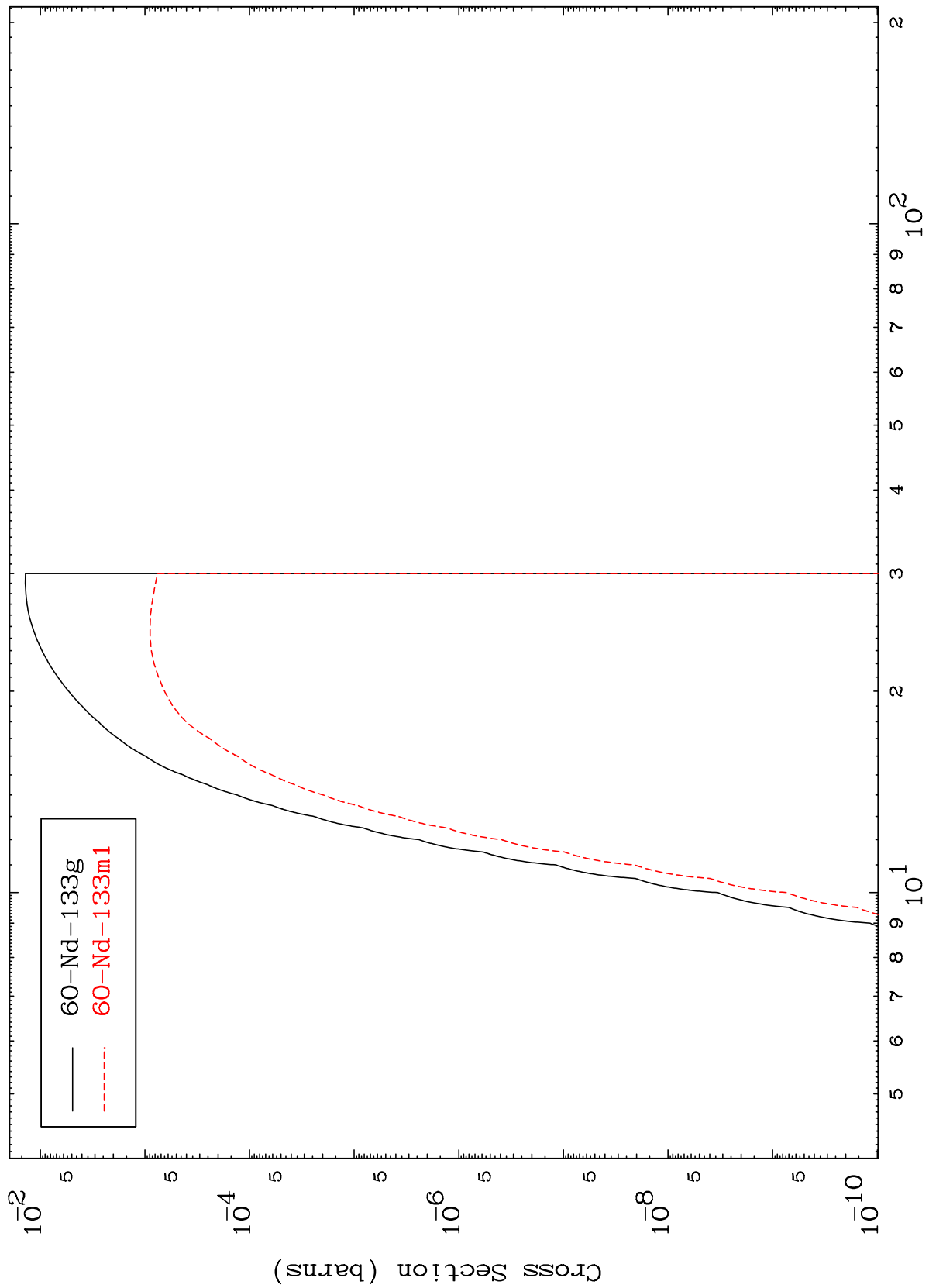
$(n, \gamma)$   
Radionuclide Production Cross Section



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61-Pm-135

Radionuclide Production Cross Section (n,t)



28

Incident Energy (MeV)

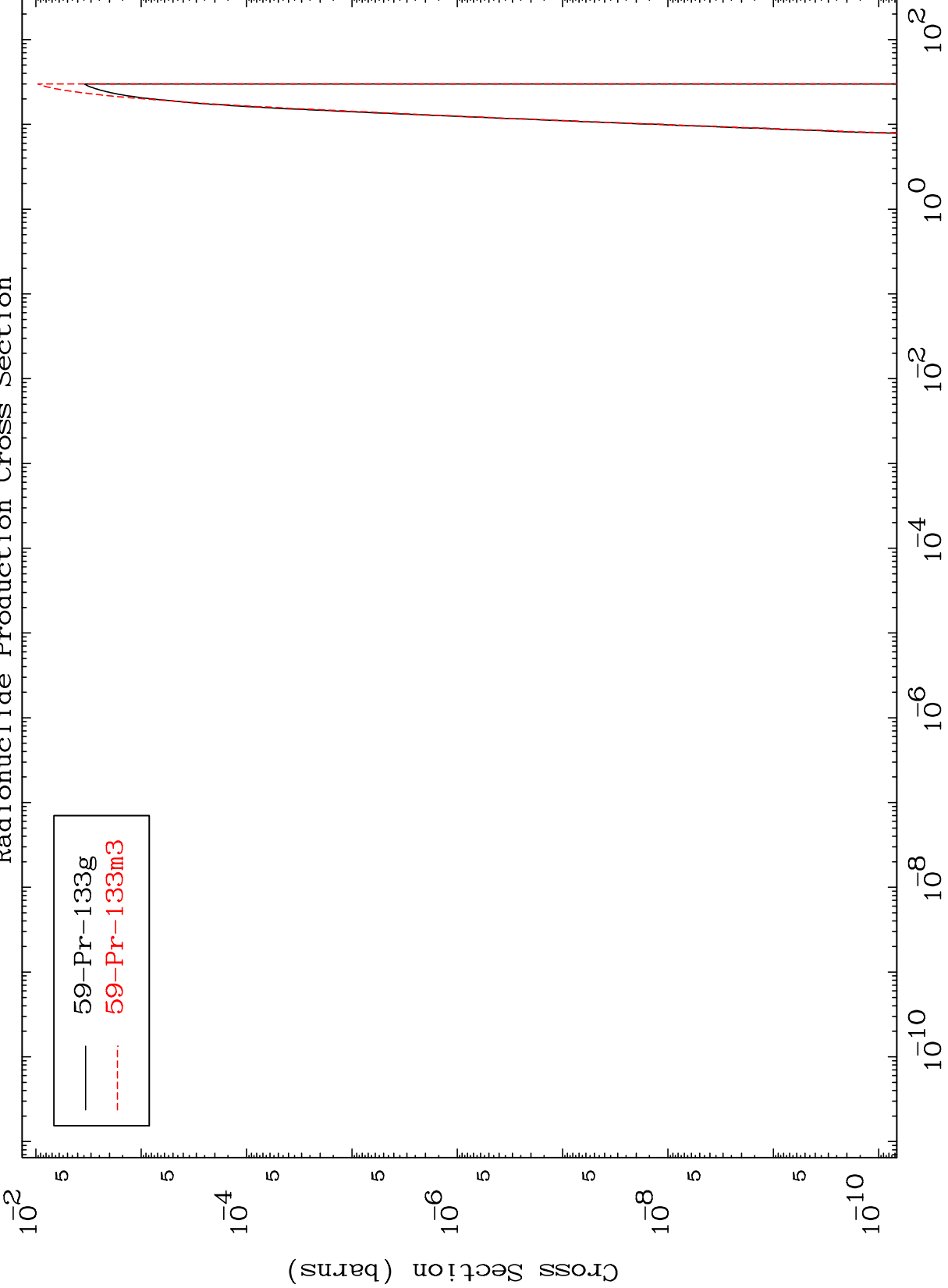
61-Pm-135

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(n,He-3)

61-Pm-135

Radionuclide Production Cross Section



59-Pr-133g  
59-Pr-133m3

Incident Energy (MeV)

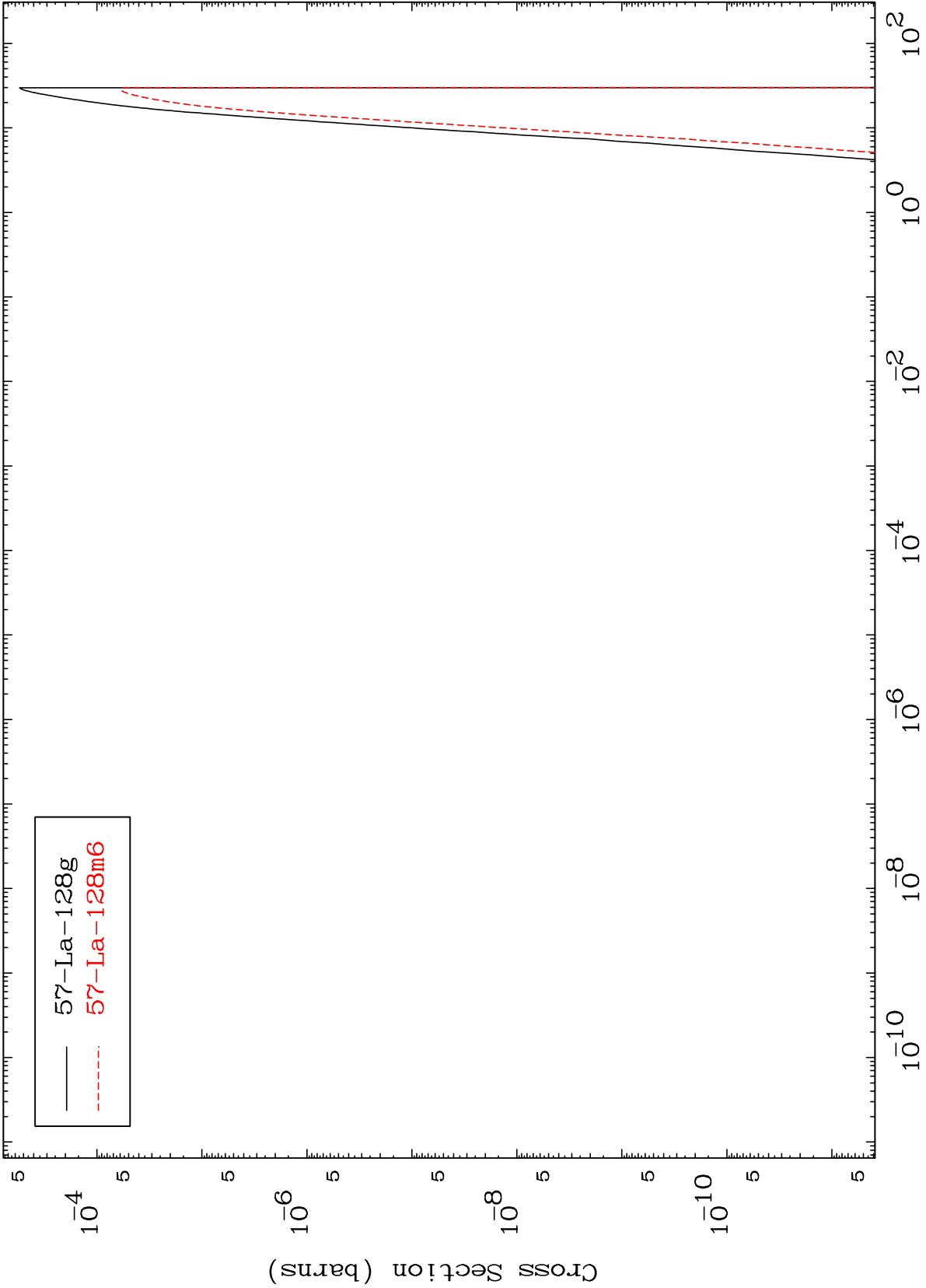
61-Pm-135

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(n,2α)

61-Pm-135

Radionuclide Production Cross Section

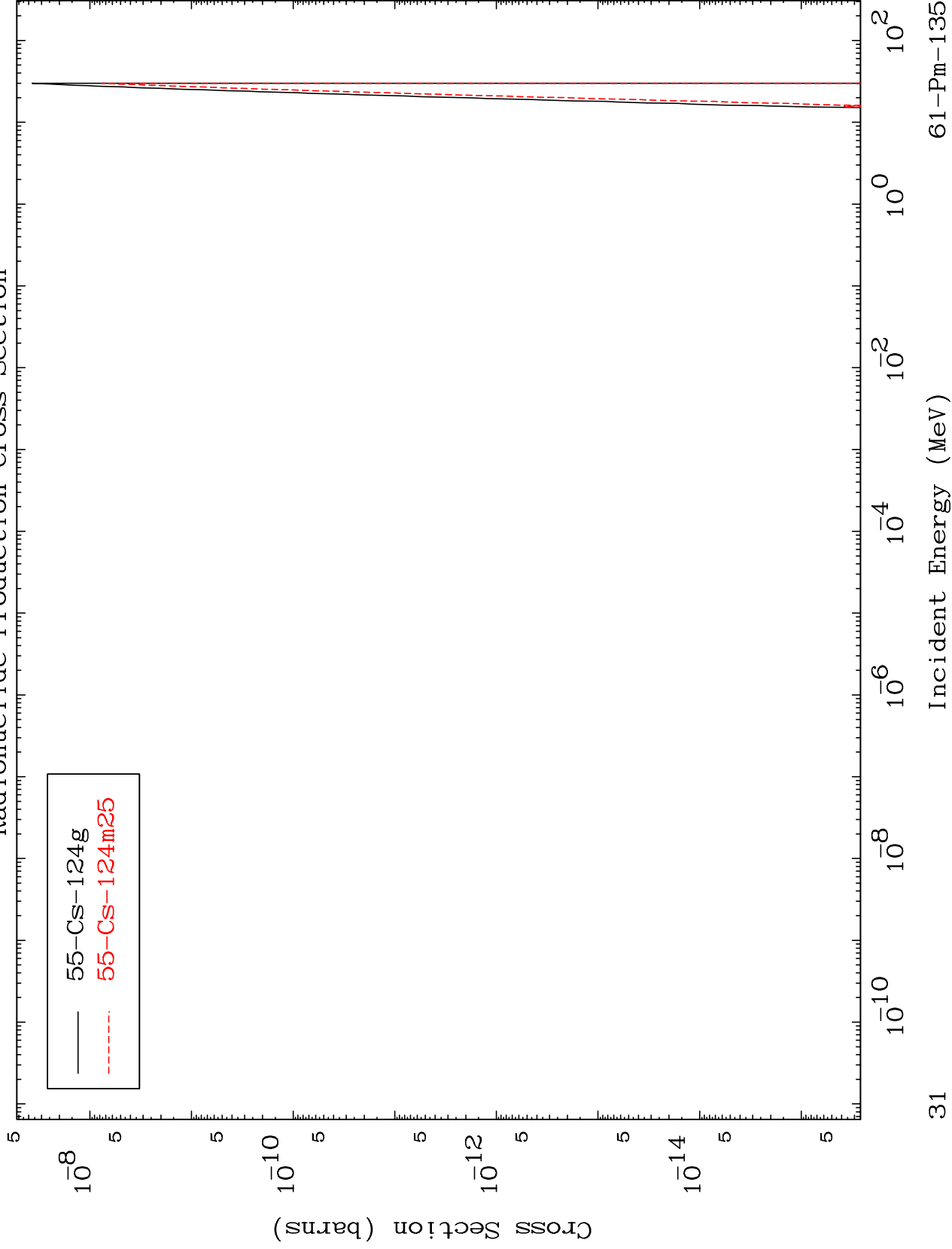


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(n, 3α)

61-Pm-135

Radionuclide Production Cross Section



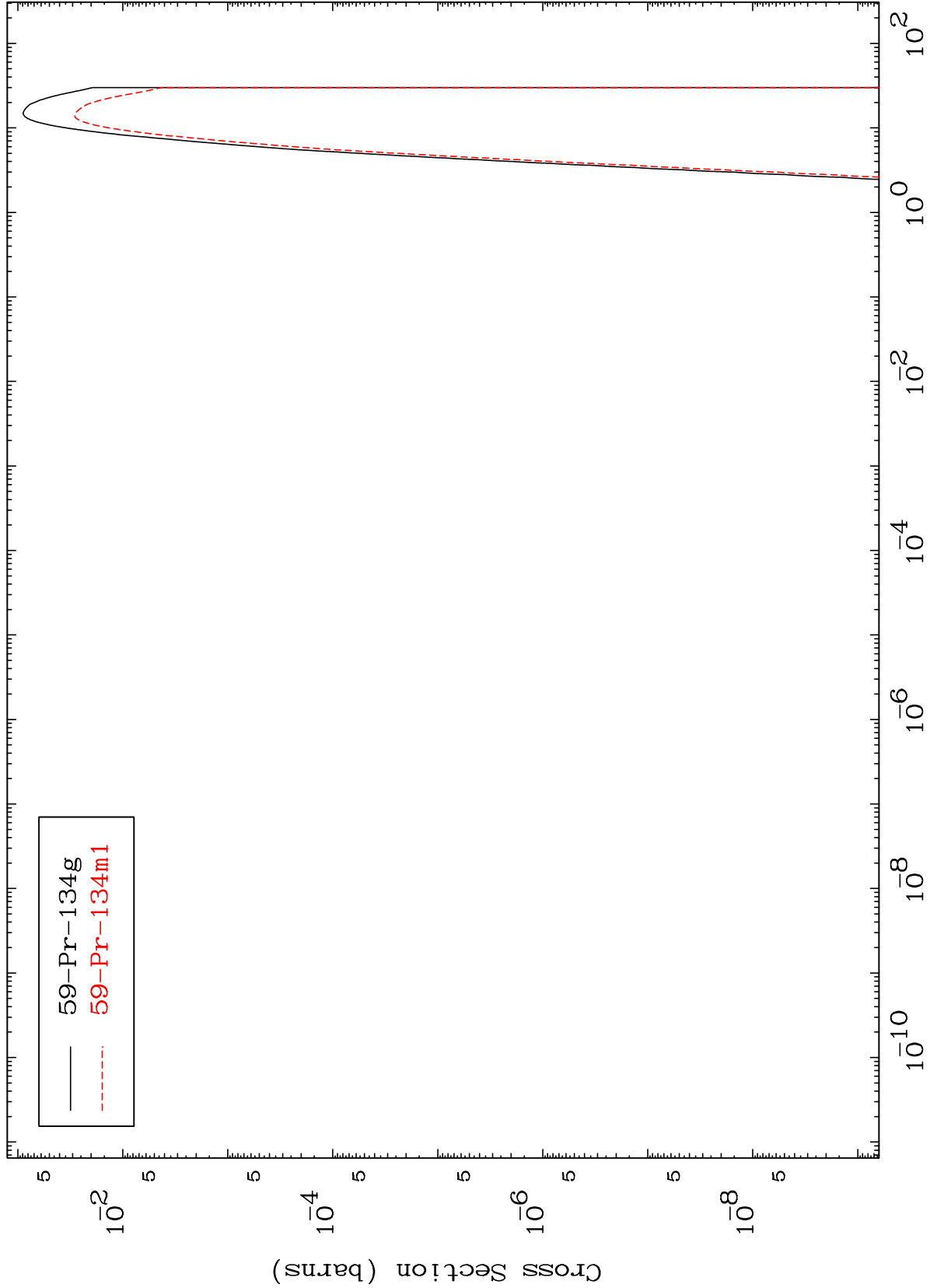


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(n,2p)

61-Pm-135

Radionuclide Production Cross Section

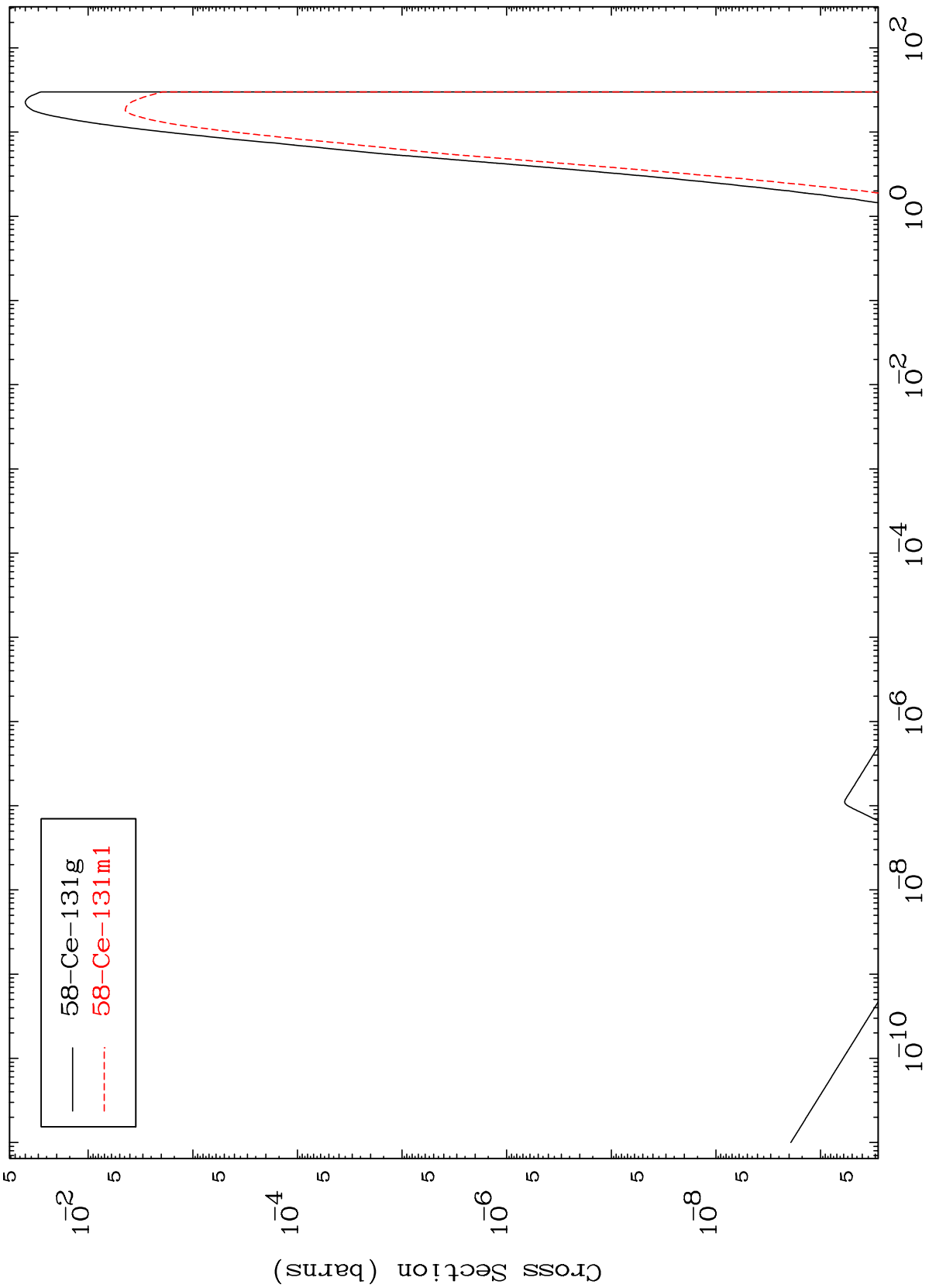


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(n,p)  $\alpha$

61-Pm-135

Radionuclide Production Cross Section

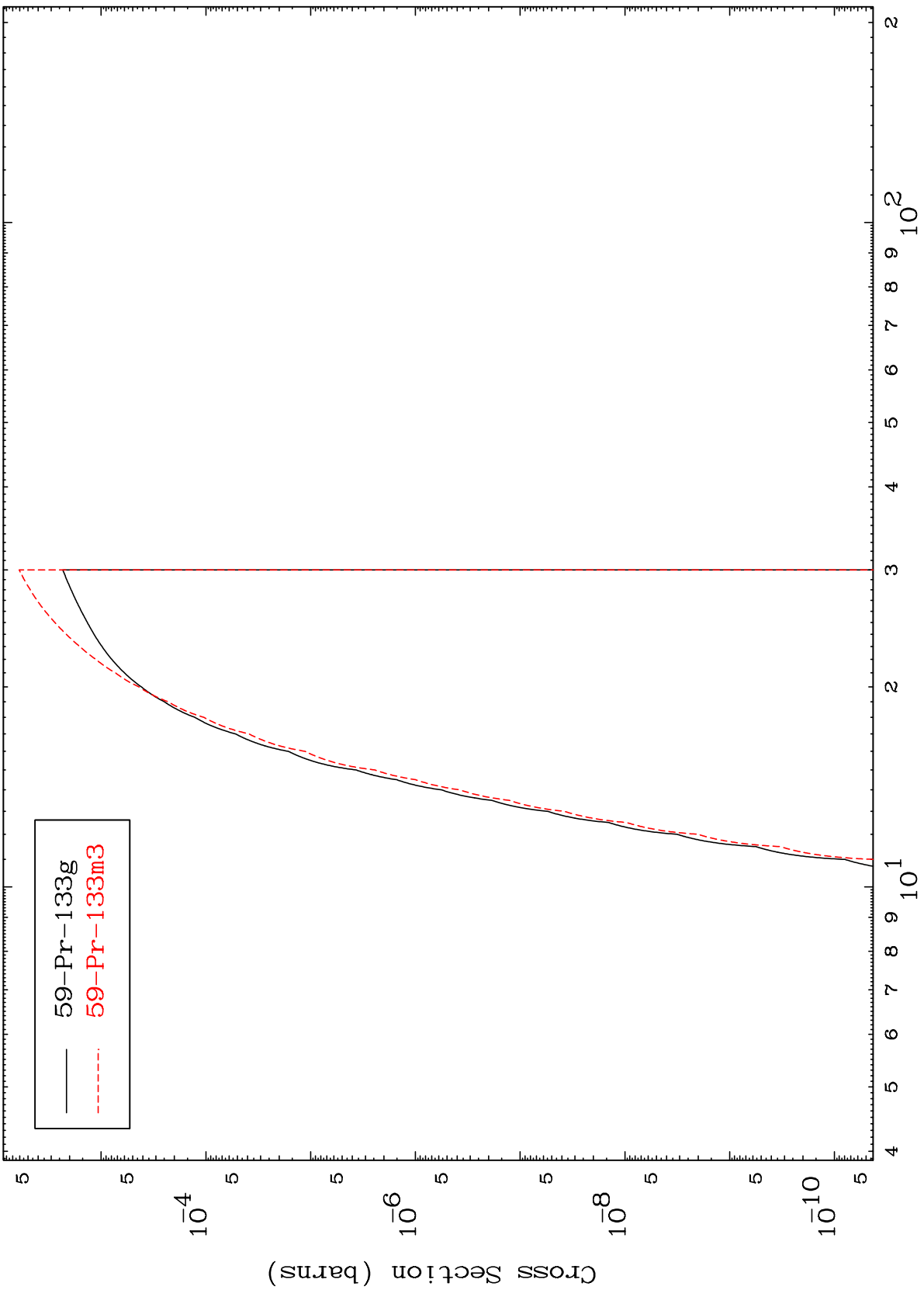


MAT 6114

(n,p) d

61-Pm-135

Radionuclide Production Cross Section



34

Incident Energy (MeV)

61-Pm-135