

Program EVALPLOT  
(Version 2021-1)

by

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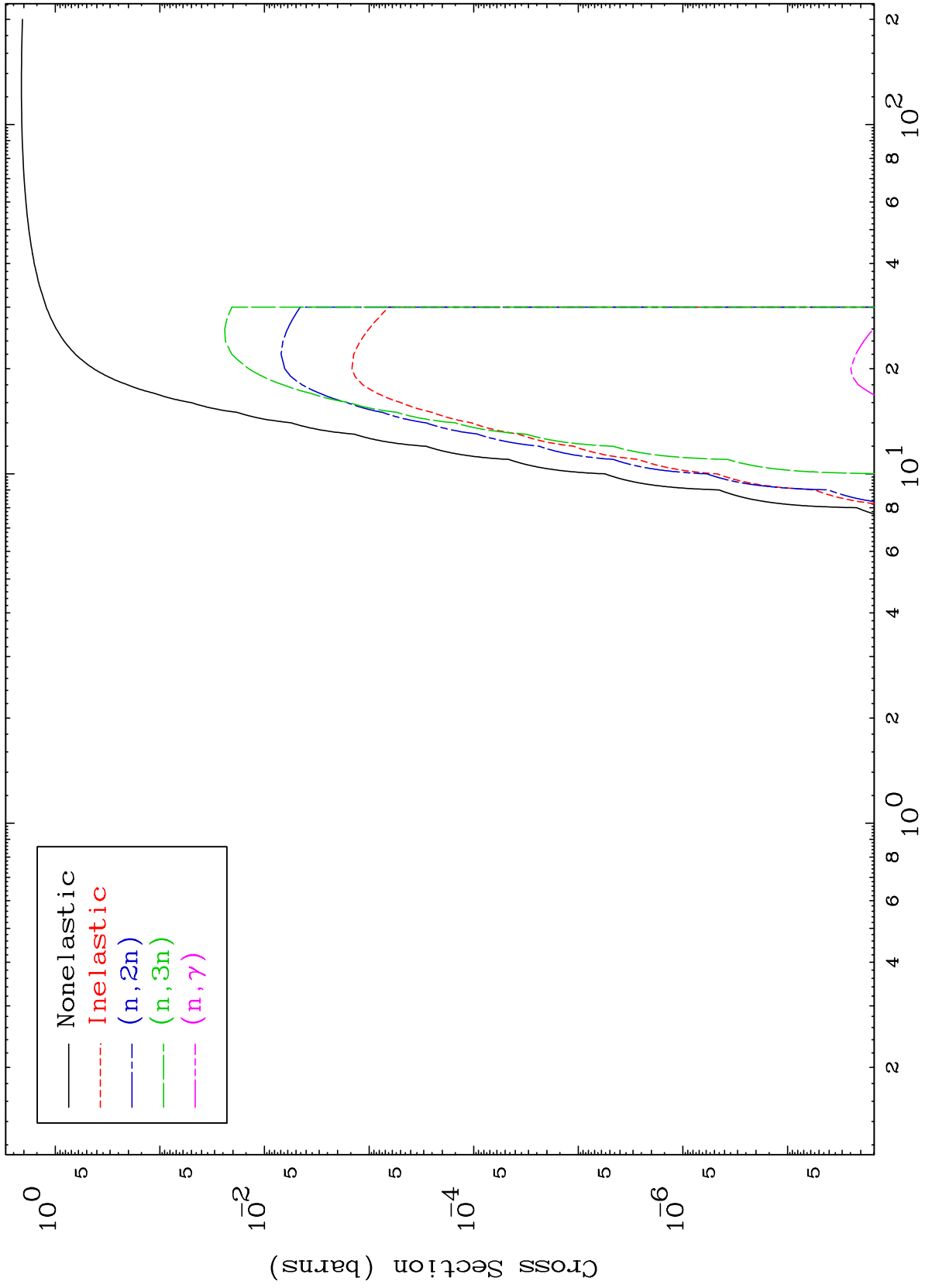
Press Mouse Button to Start

MAT 6155

He-3 Major

61-Pm-149

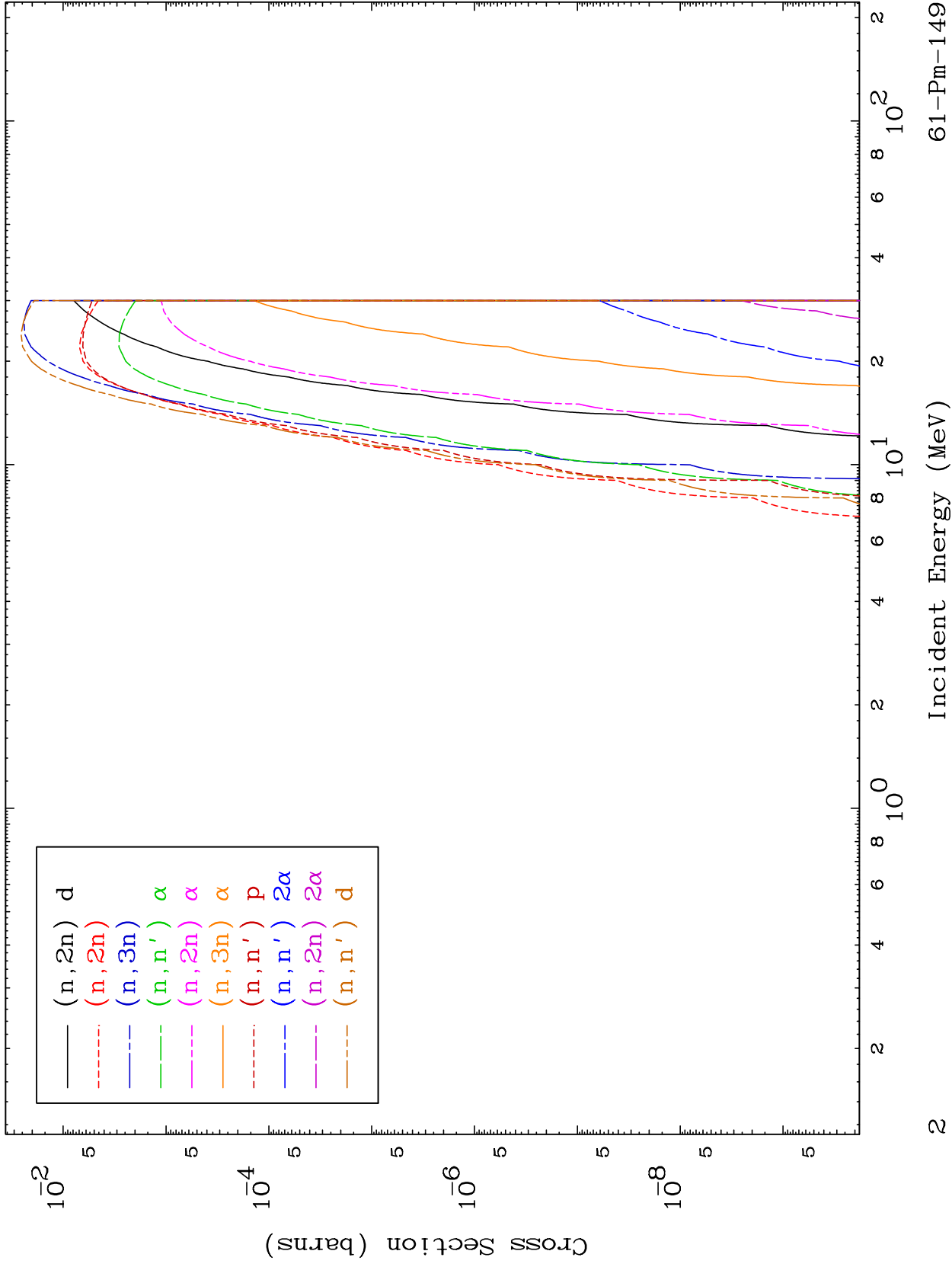
0 Kelvin Cross Sections



MAT 6155

He-3 Neutron Absorption  
0 Kelvin Cross Sections

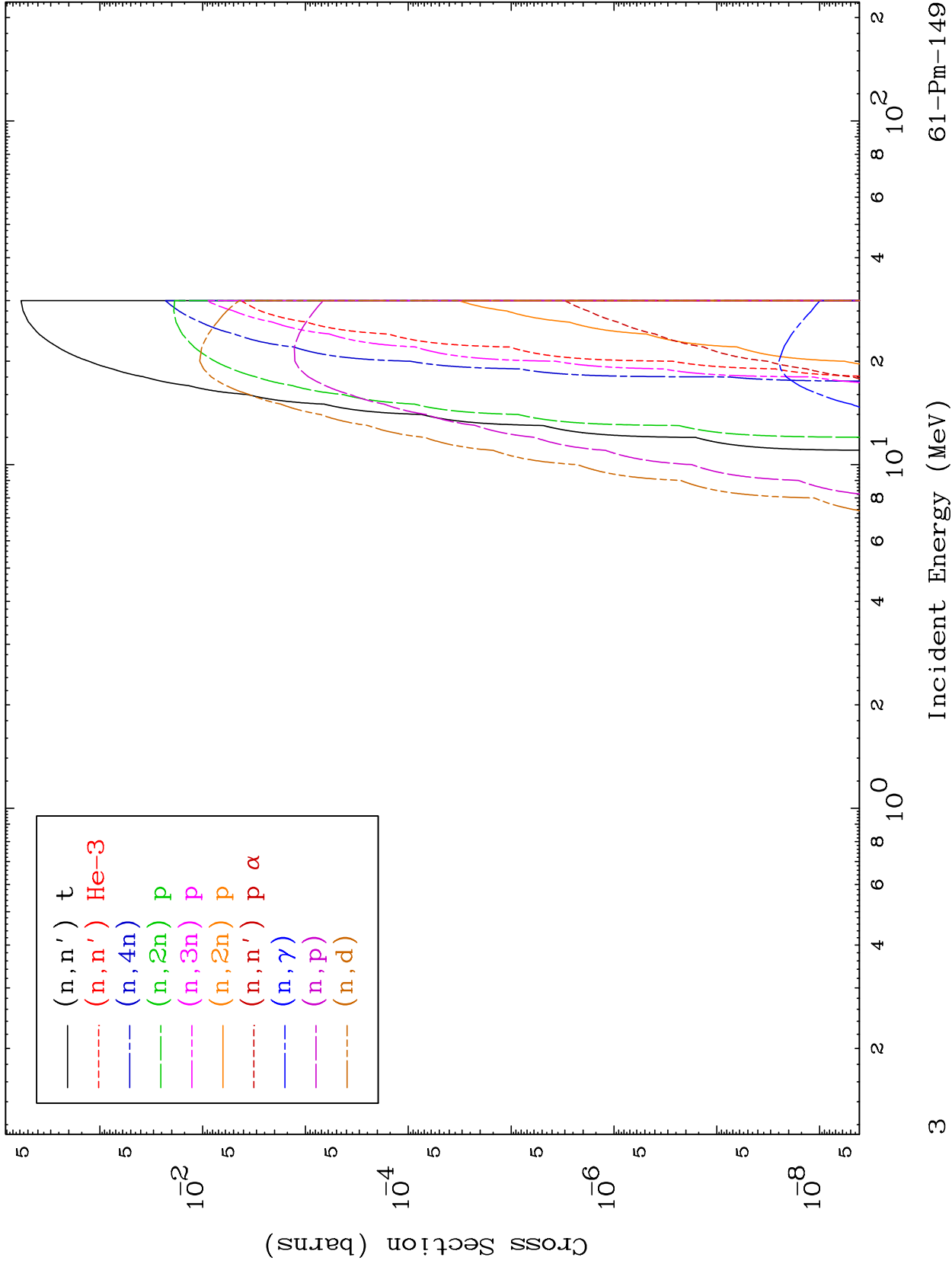
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MAT 6155

He-3 Neutron Absorption  
0 Kelvin Cross Sections

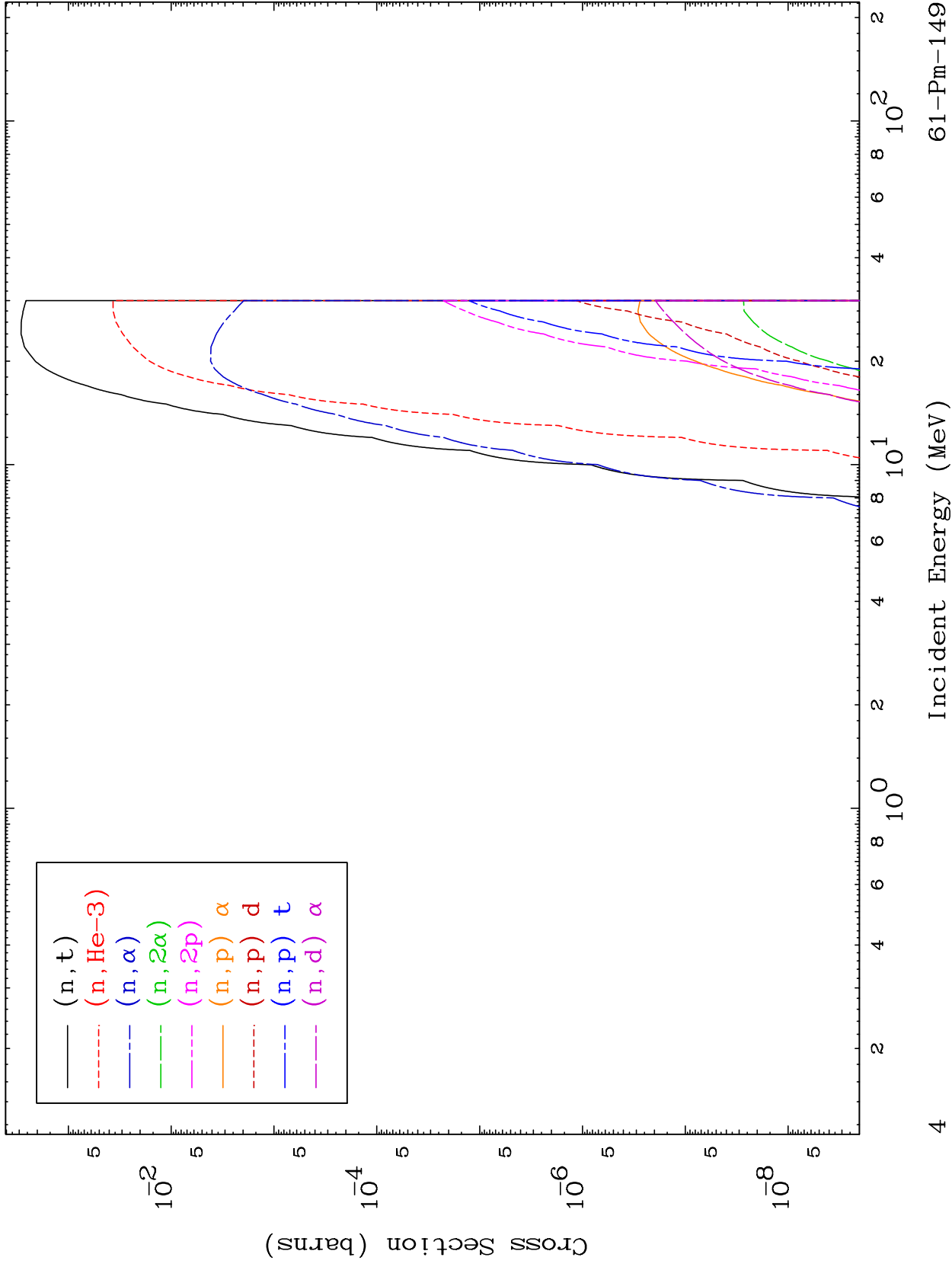
61-Pm-149



MAT 6155

He-3 Neutron Absorption  
0 Kelvin Cross Sections

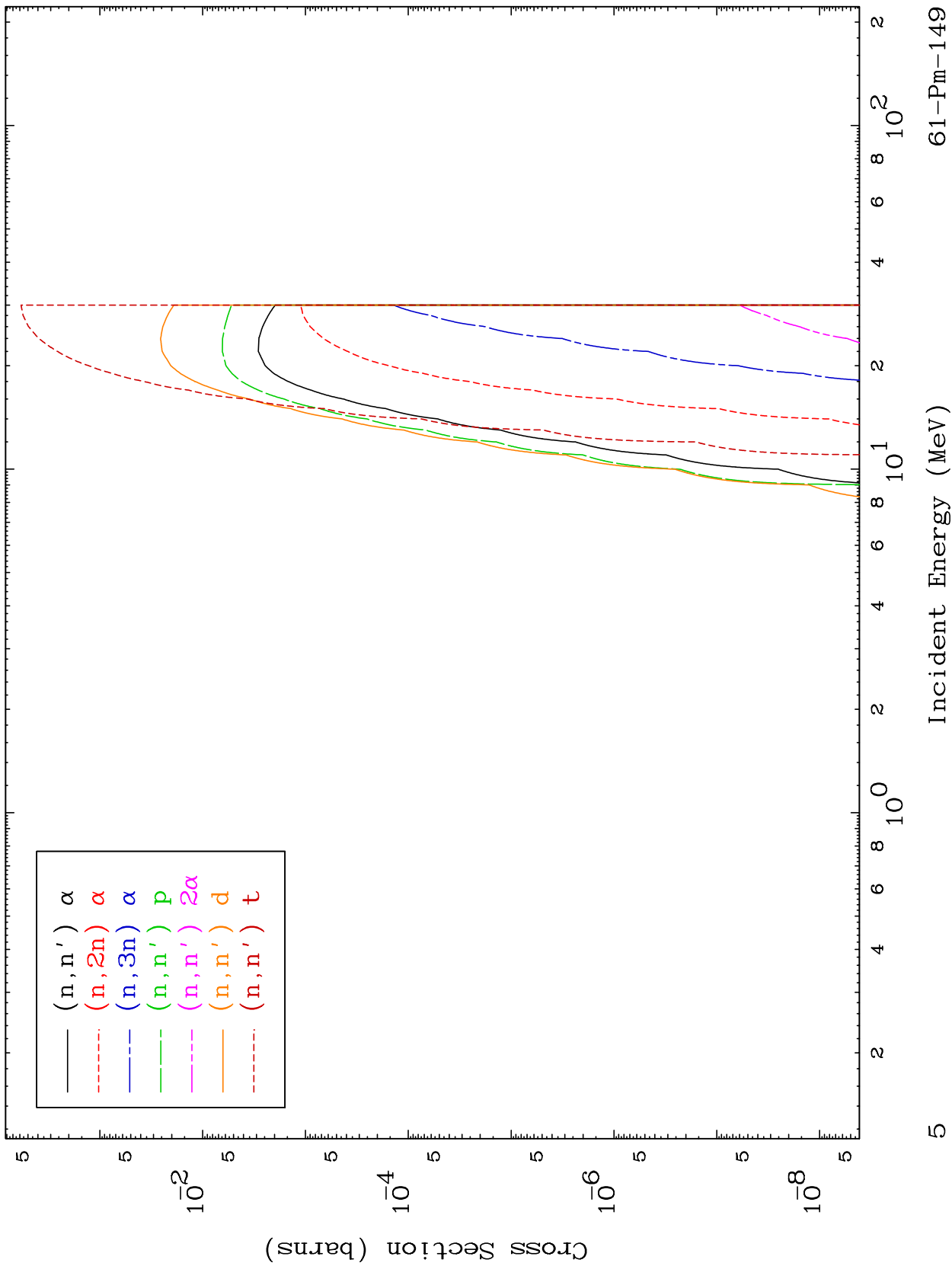
61-Pm-149



MAT 6155

He-3 Charged Particle  
0 Kelvin Cross Sections

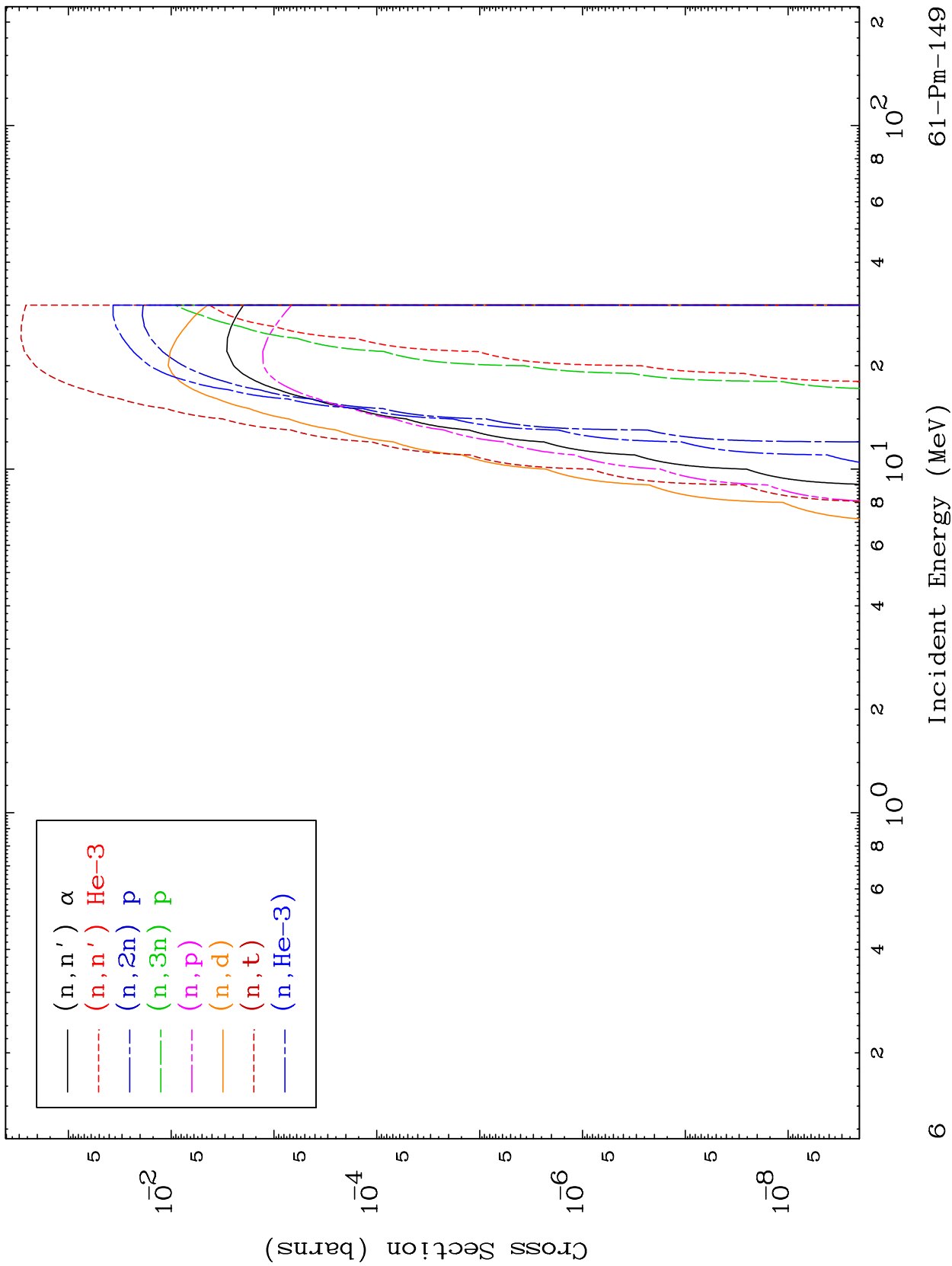
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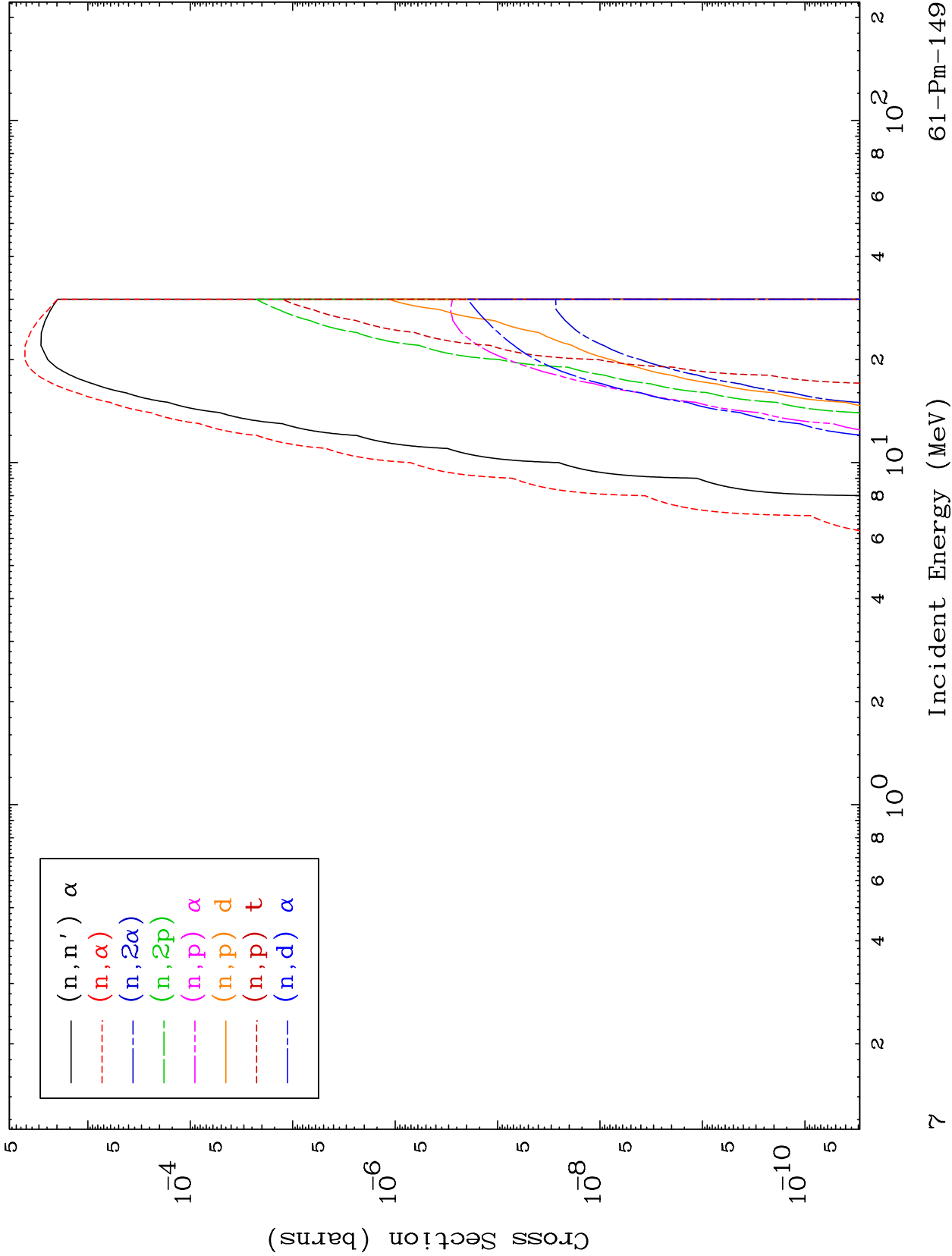


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He-3 Charged Particle  
0 Kelvin Cross Sections

61-Pm-149



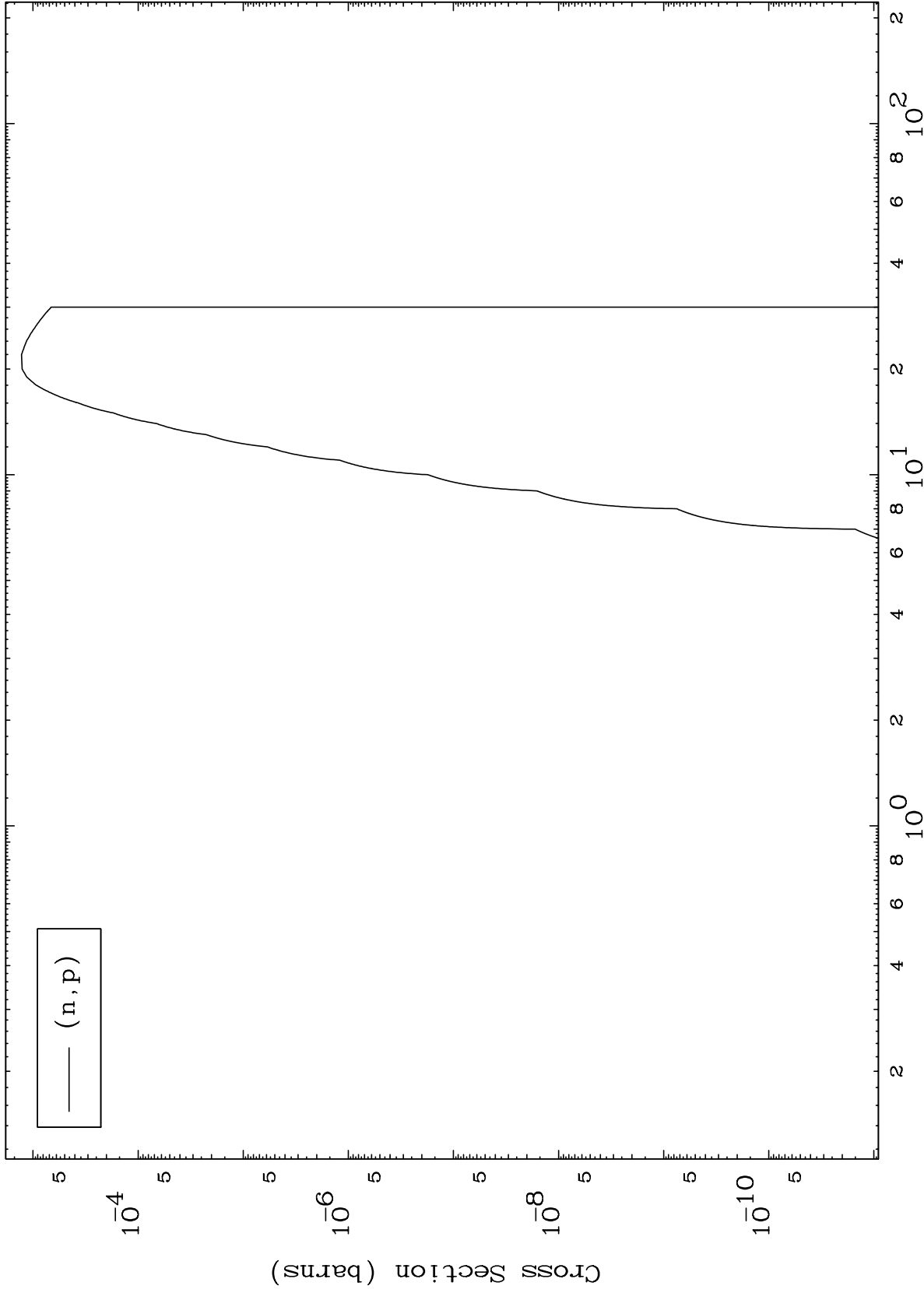




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(He-3,p) Levels  
0 Kelvin Cross Sections

61-Pm-149

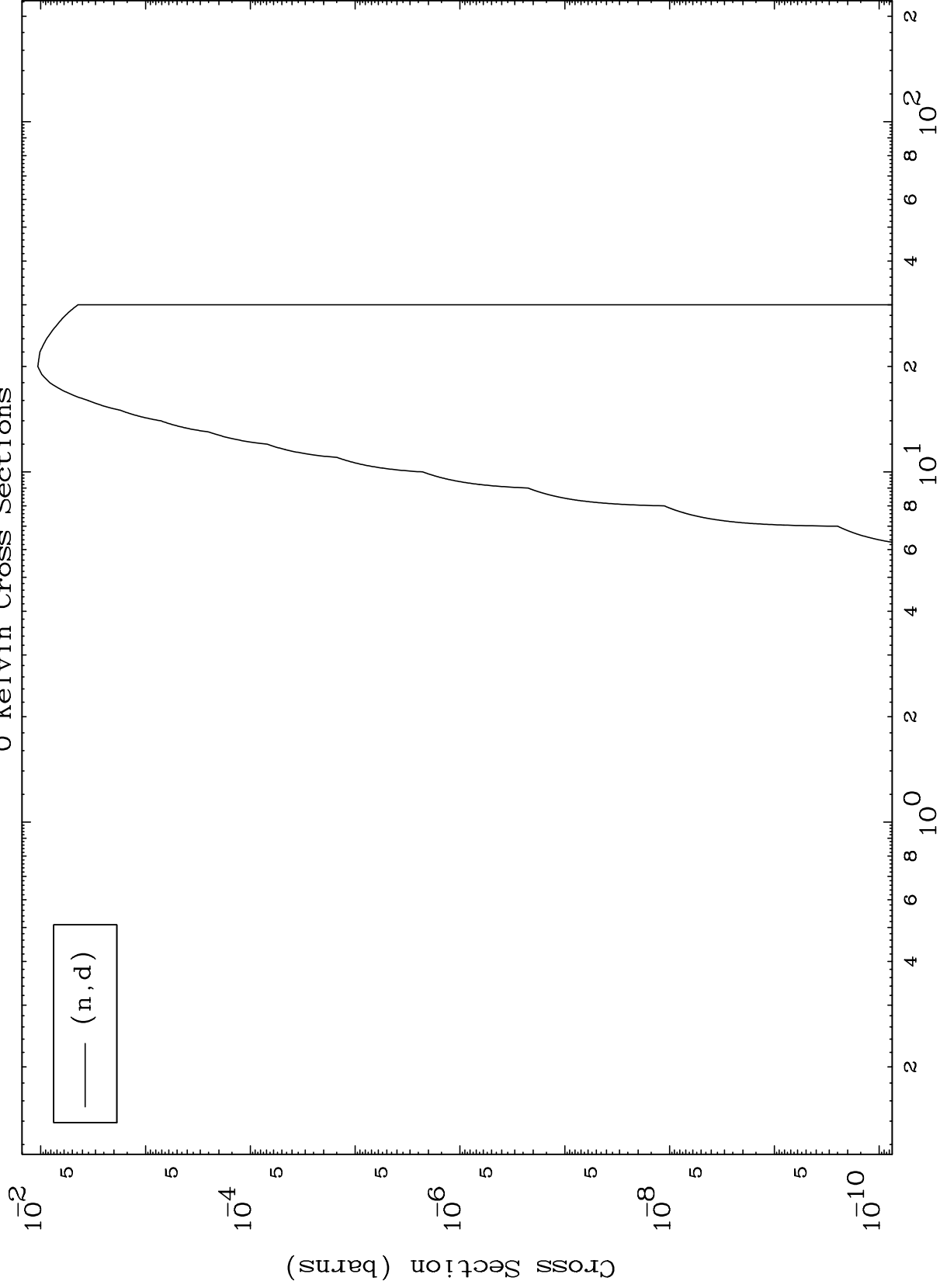


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(He-3,d) Levels

61-Pm-149

0 Kelvin Cross Sections

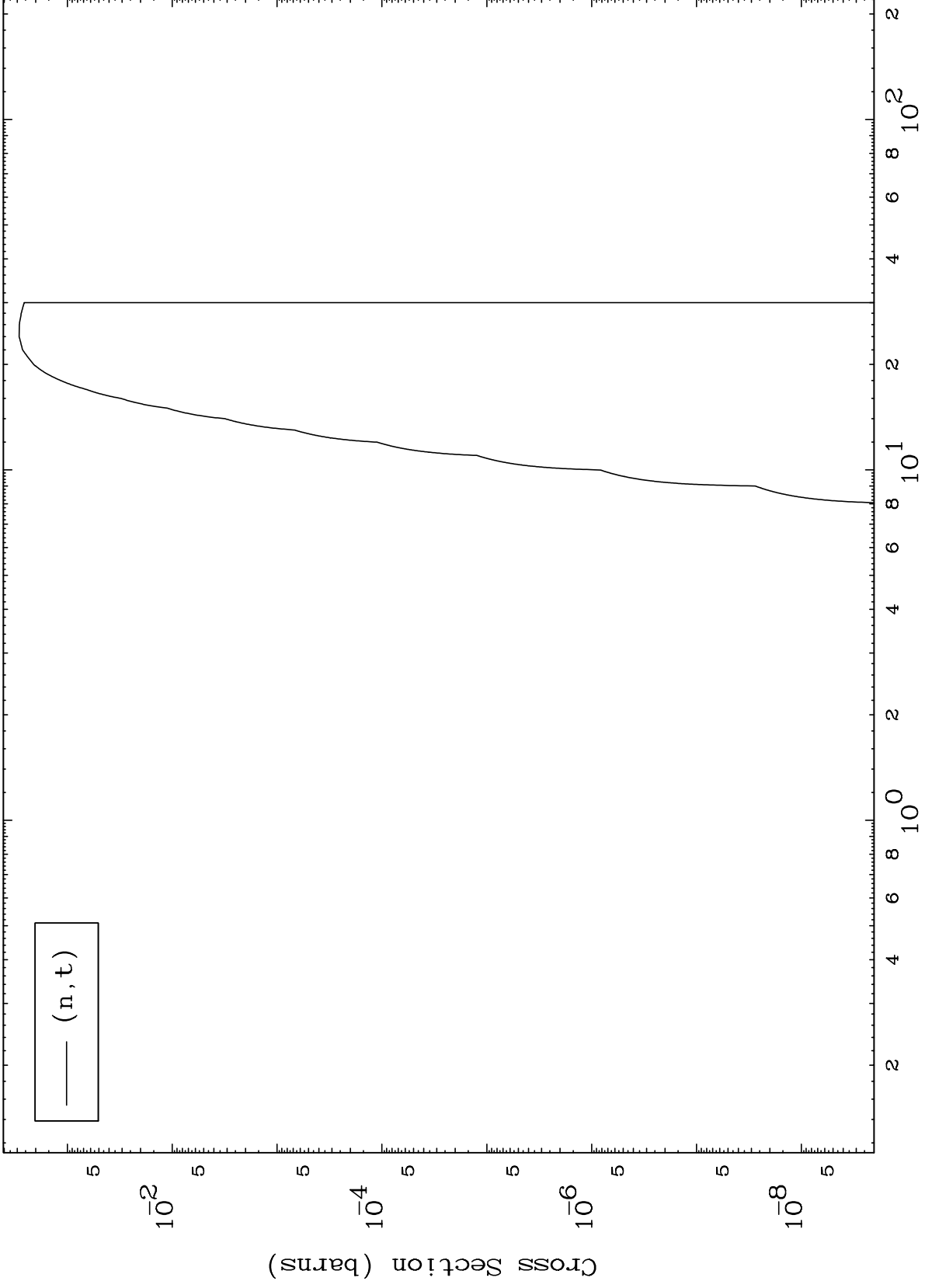


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(He-3,t) Levels

61-Pm-149

0 Kelvin Cross Sections



10

Incident Energy (MeV)

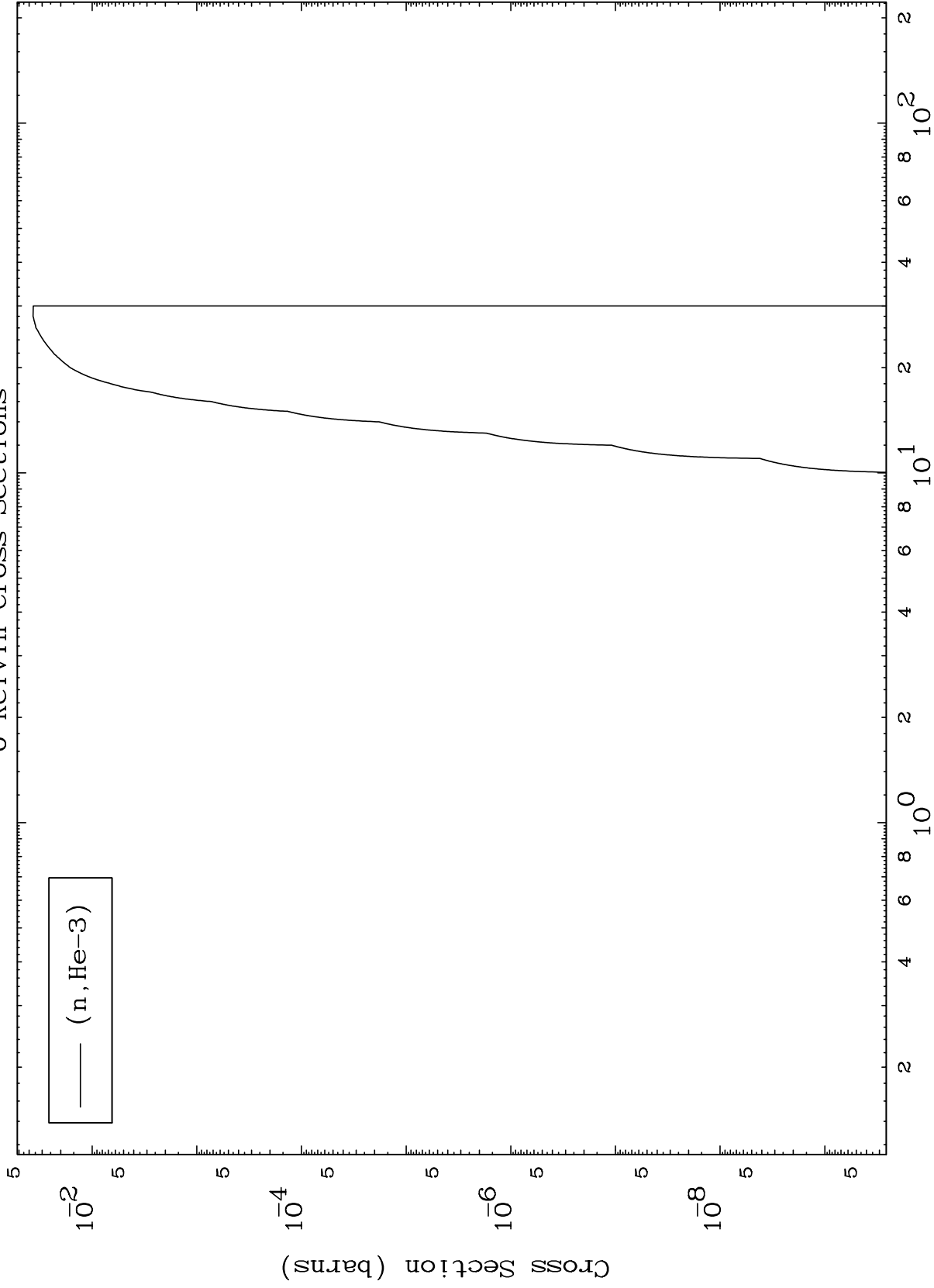
61-Pm-149

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(He-3, He3) Levels

61-Pm-149

0 Kelvin Cross Sections



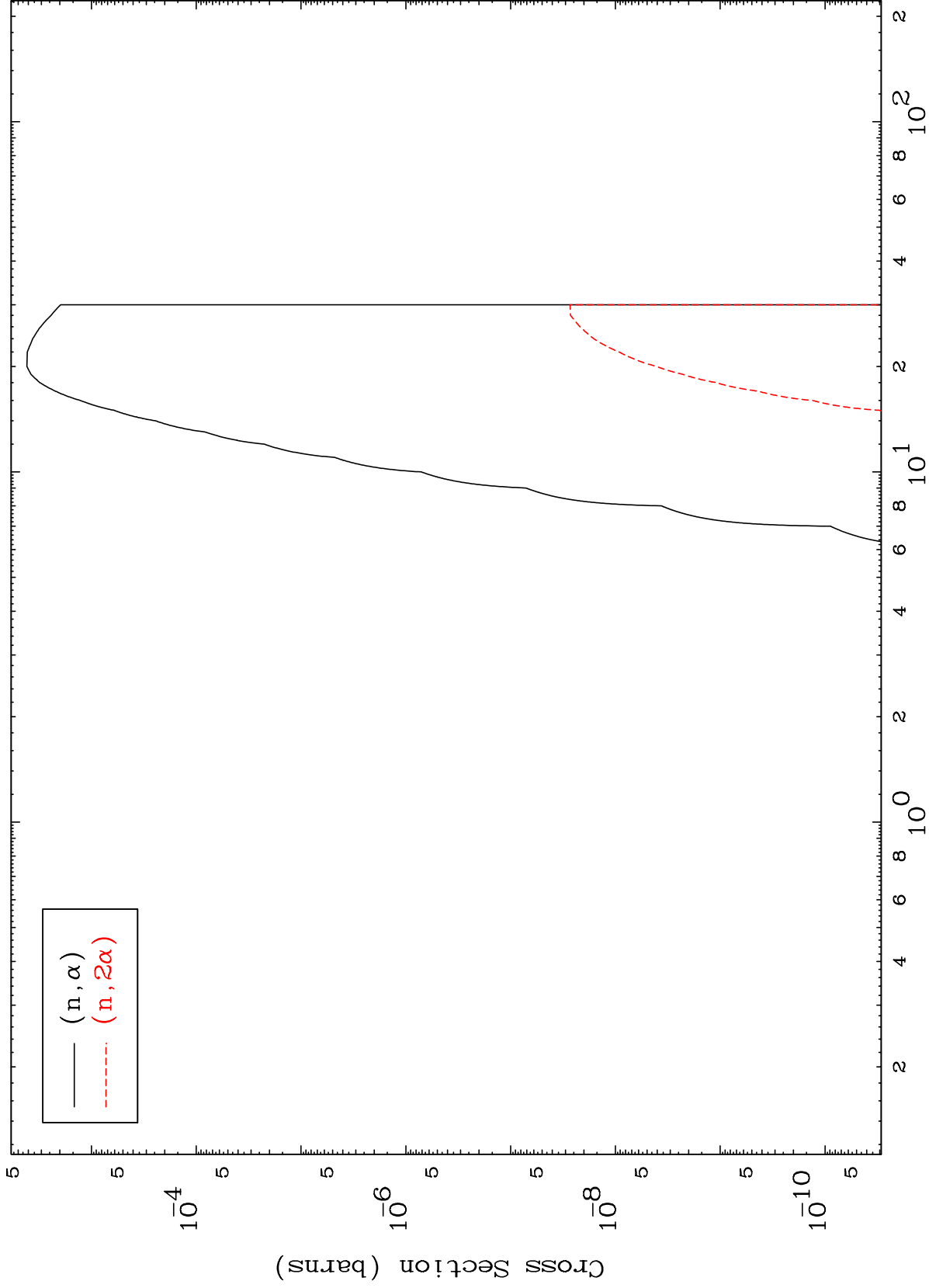
(n, He-3)

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(He-3,  $\alpha$ ) Levels

61-Pm-149

0 Kelvin Cross Sections



12

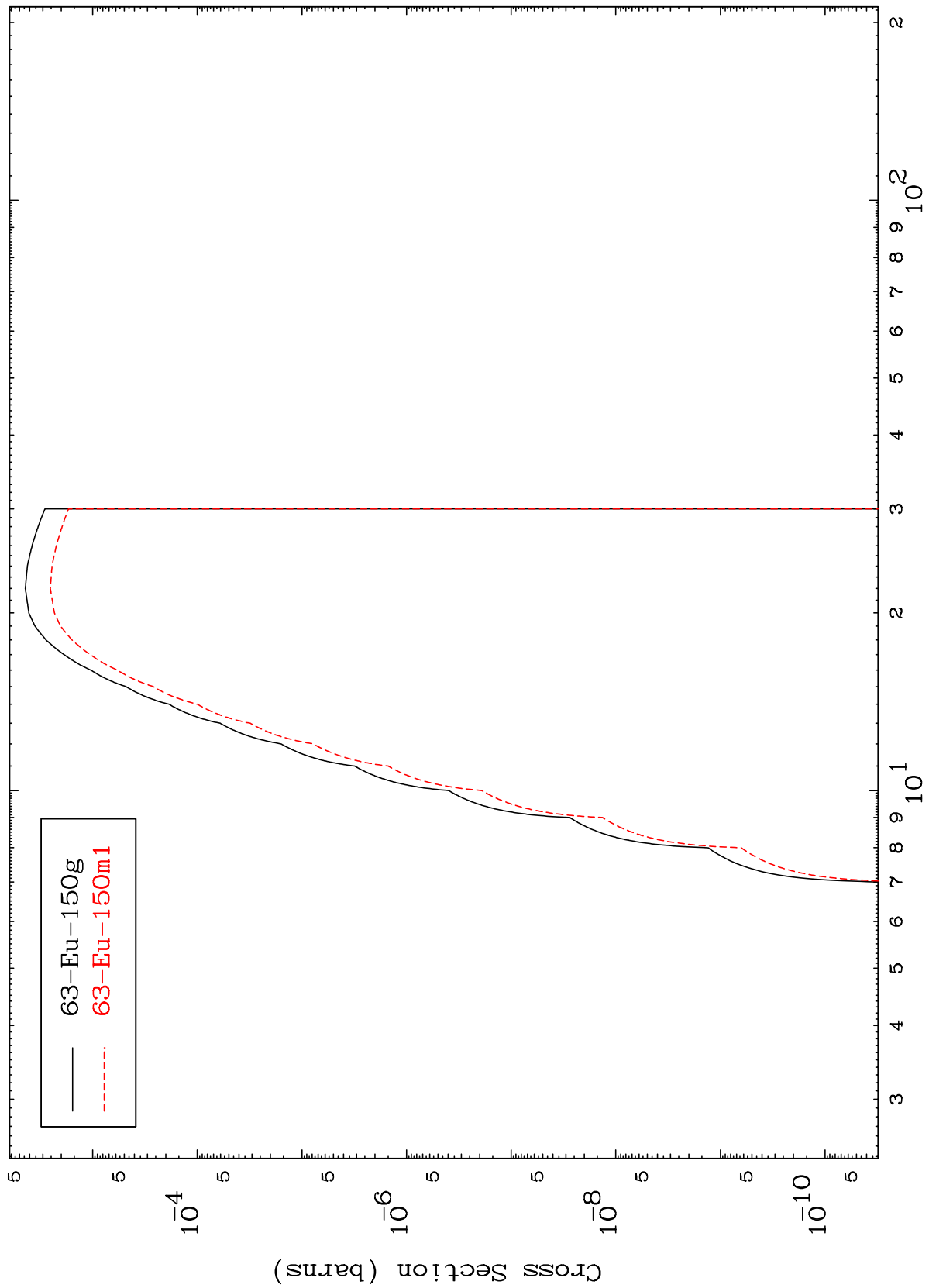
Incident Energy (MeV)

61-Pm-149

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61-Pm-149

(n,2n)  
Radionuclide Production Cross Section



Incident Energy (MeV)

61-Pm-149

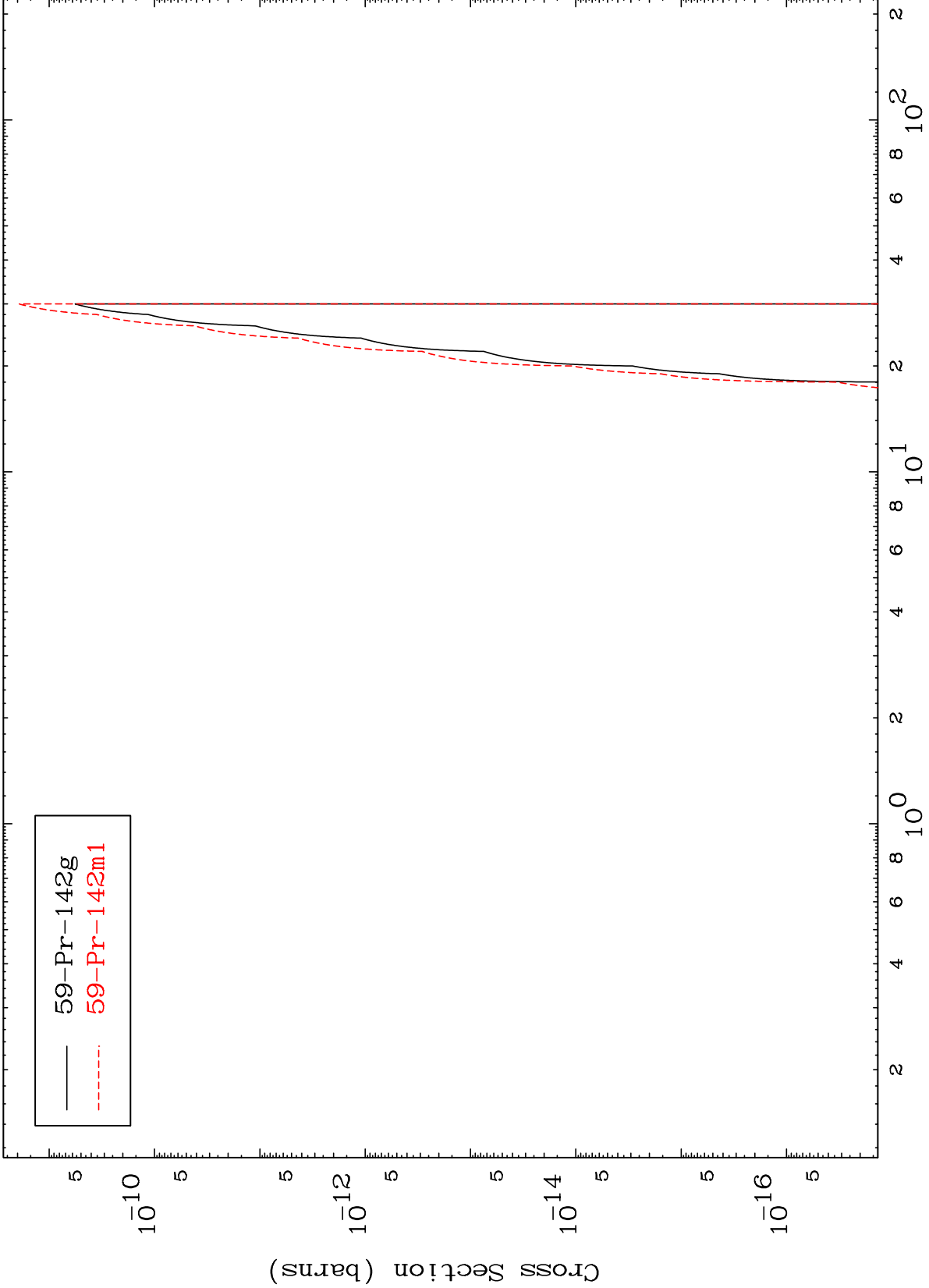
13

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(n,2n) 2α

61-Pm-149

Radionuclide Production Cross Section



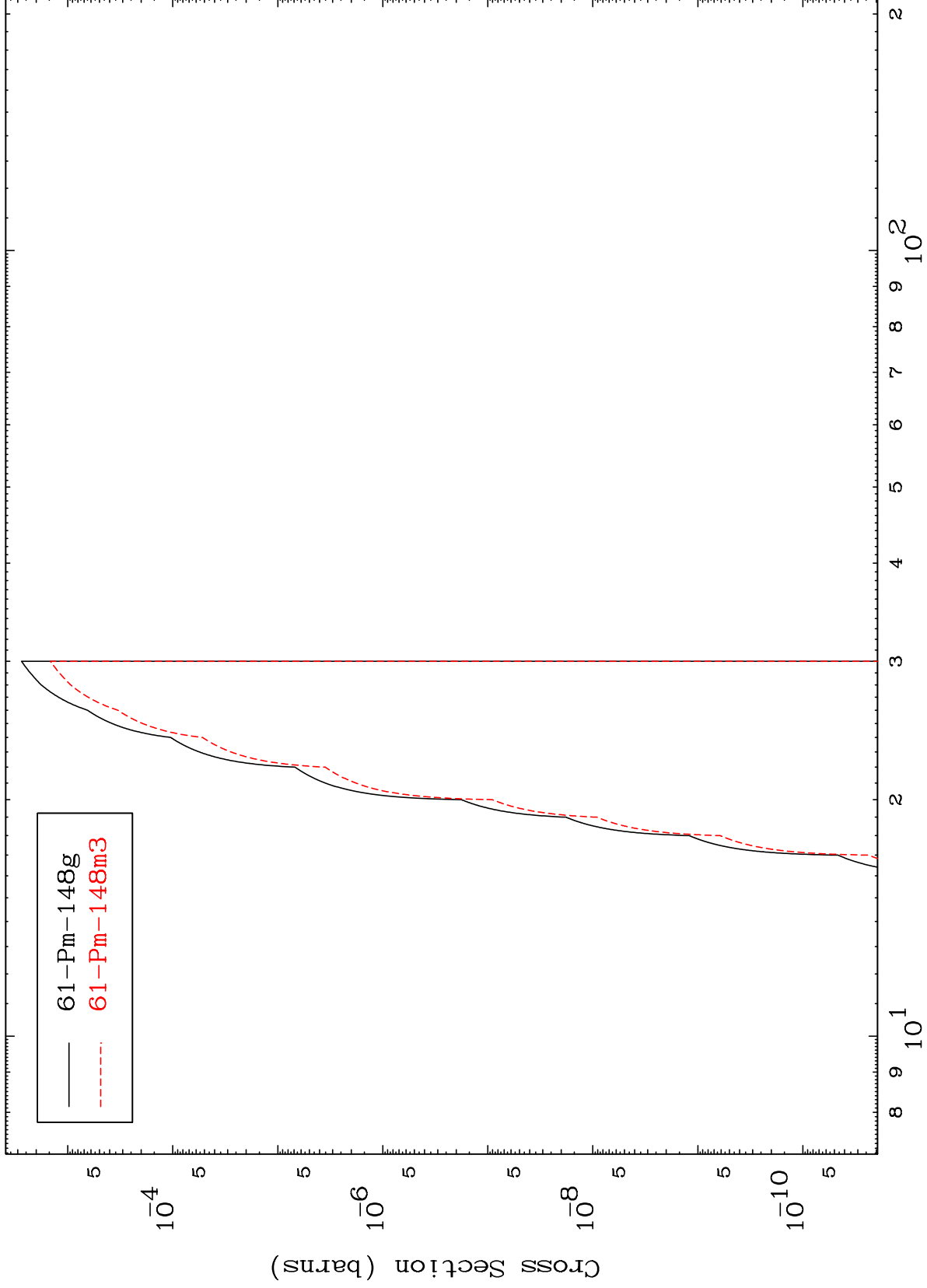
59-Pr-142g  
59-Pr-142m1

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(n,n') He-3

61-Pm-149

Radionuclide Production Cross Section



15

Incident Energy (MeV)

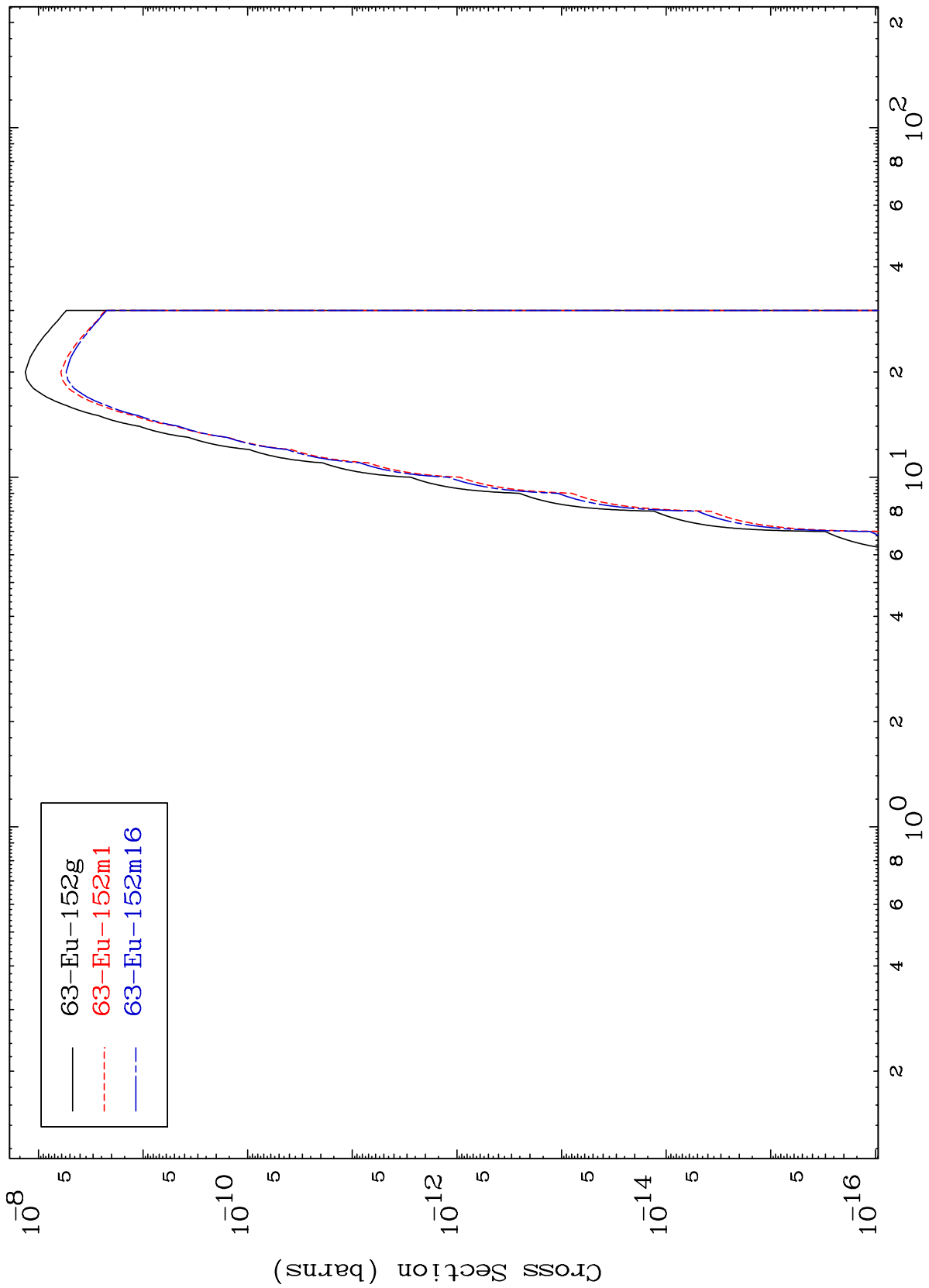
61-Pm-149



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61-Pm-149

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



16

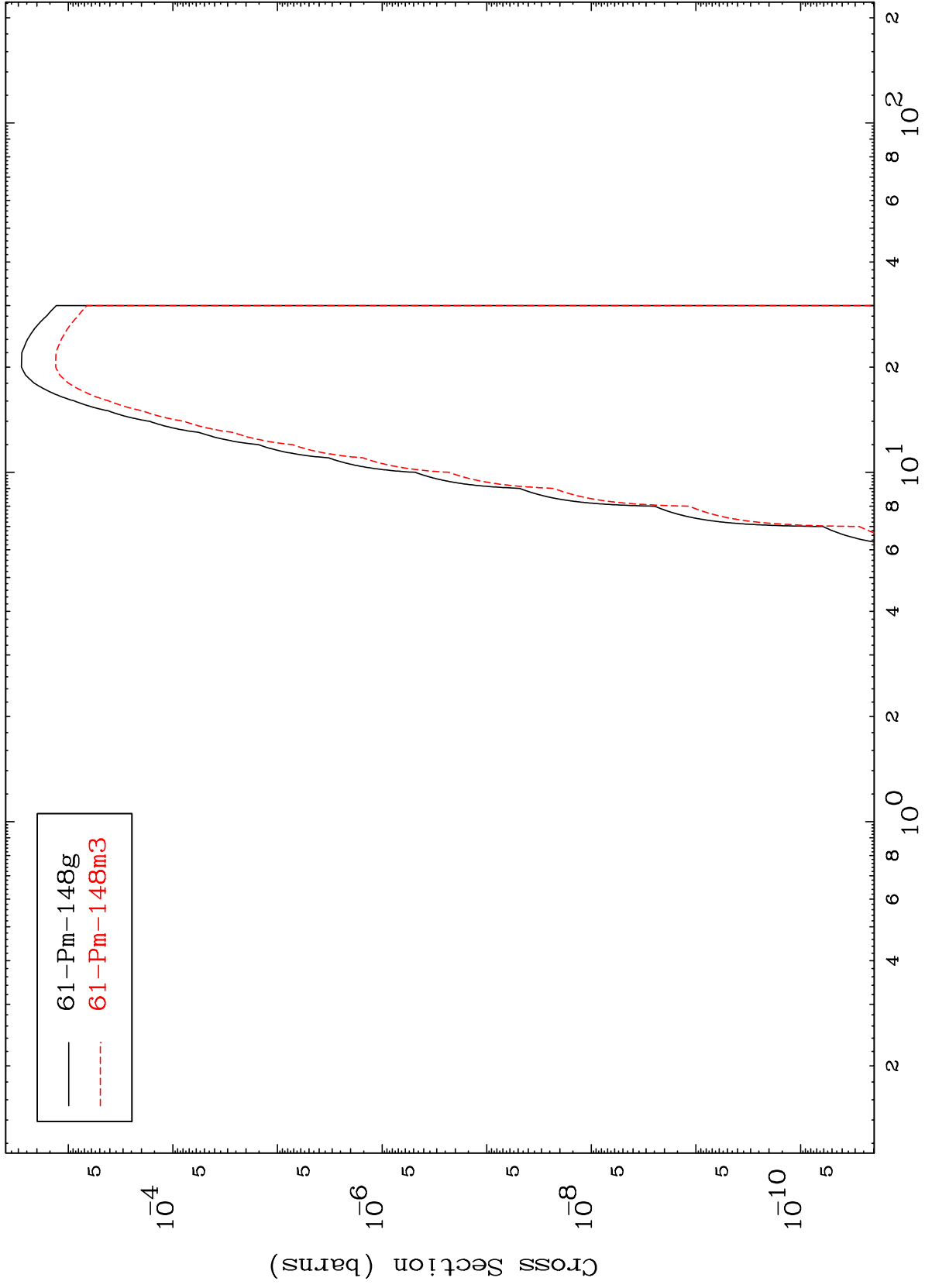
61-Pm-149

Incident Energy (MeV)

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61-Pm-149

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



61-Pm-149

Incident Energy (MeV)

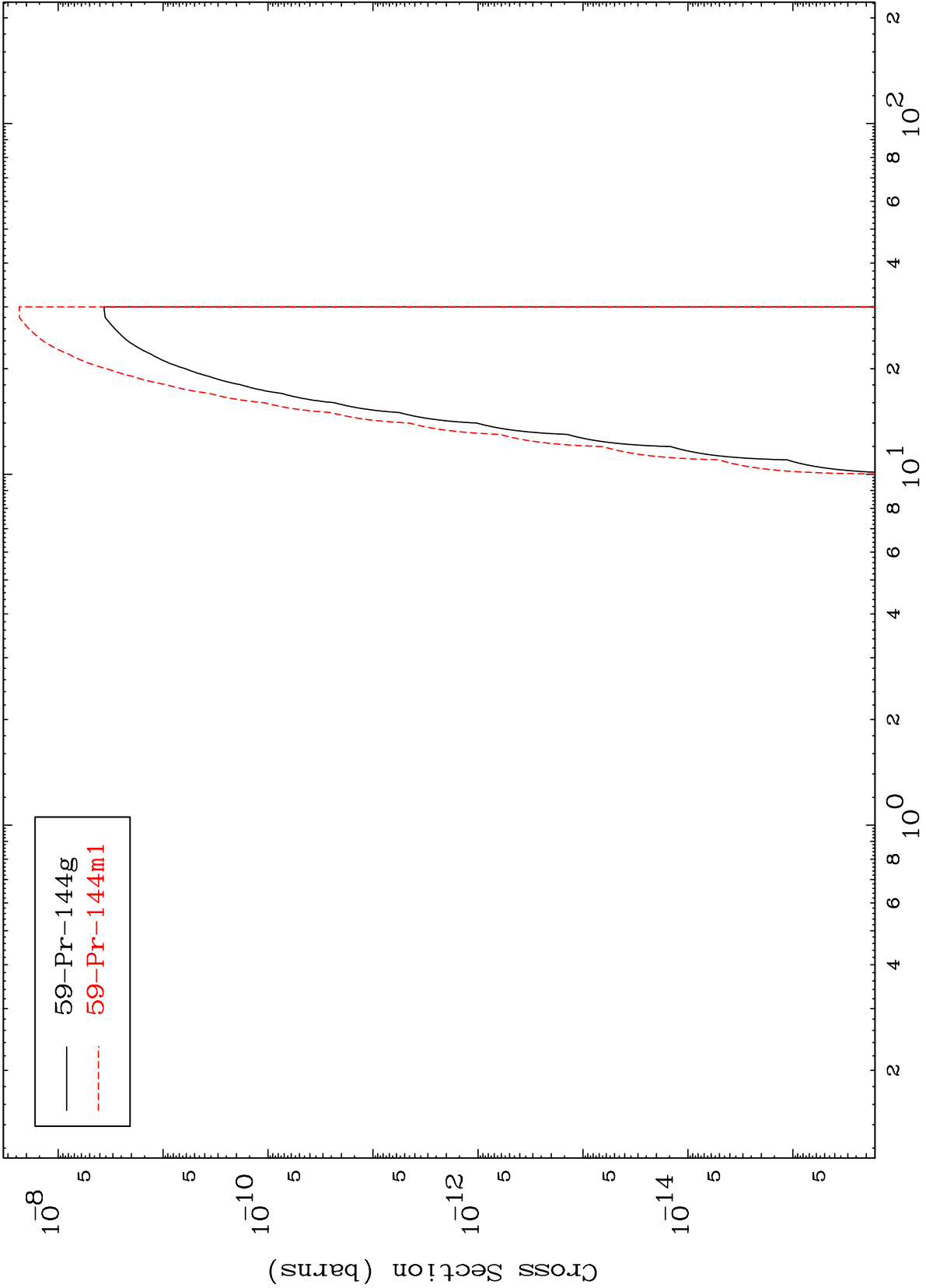
17

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(n,2α)

61-Pm-149

Radionuclide Production Cross Section



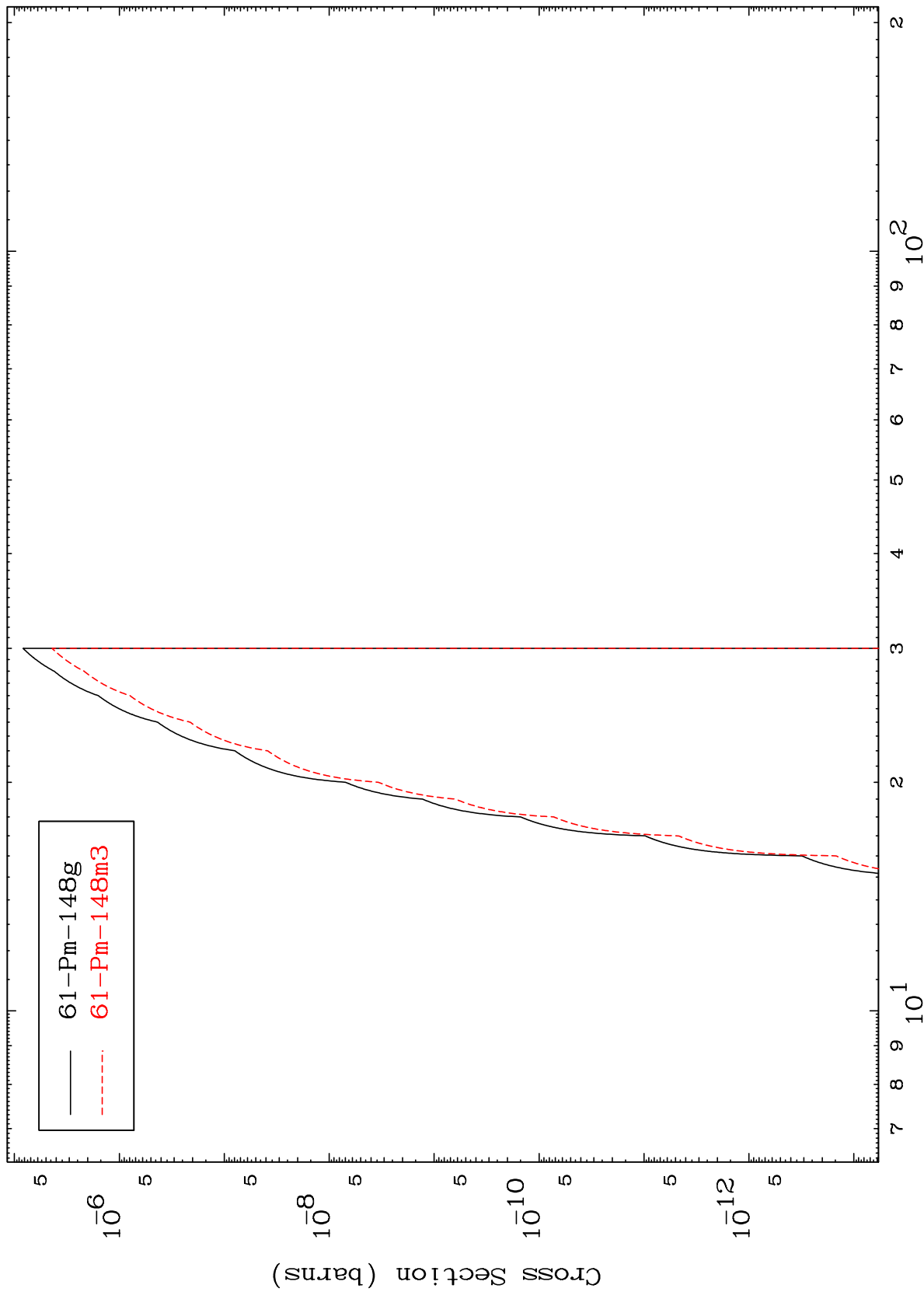
— 59-Pr-144g  
- - - 59-Pr-144m1

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(n,p) t

61-Pm-149

Radionuclide Production Cross Section



19

Incident Energy (MeV)

61-Pm-149