

Program EVALPLOT  
(Version 2021-1)

by

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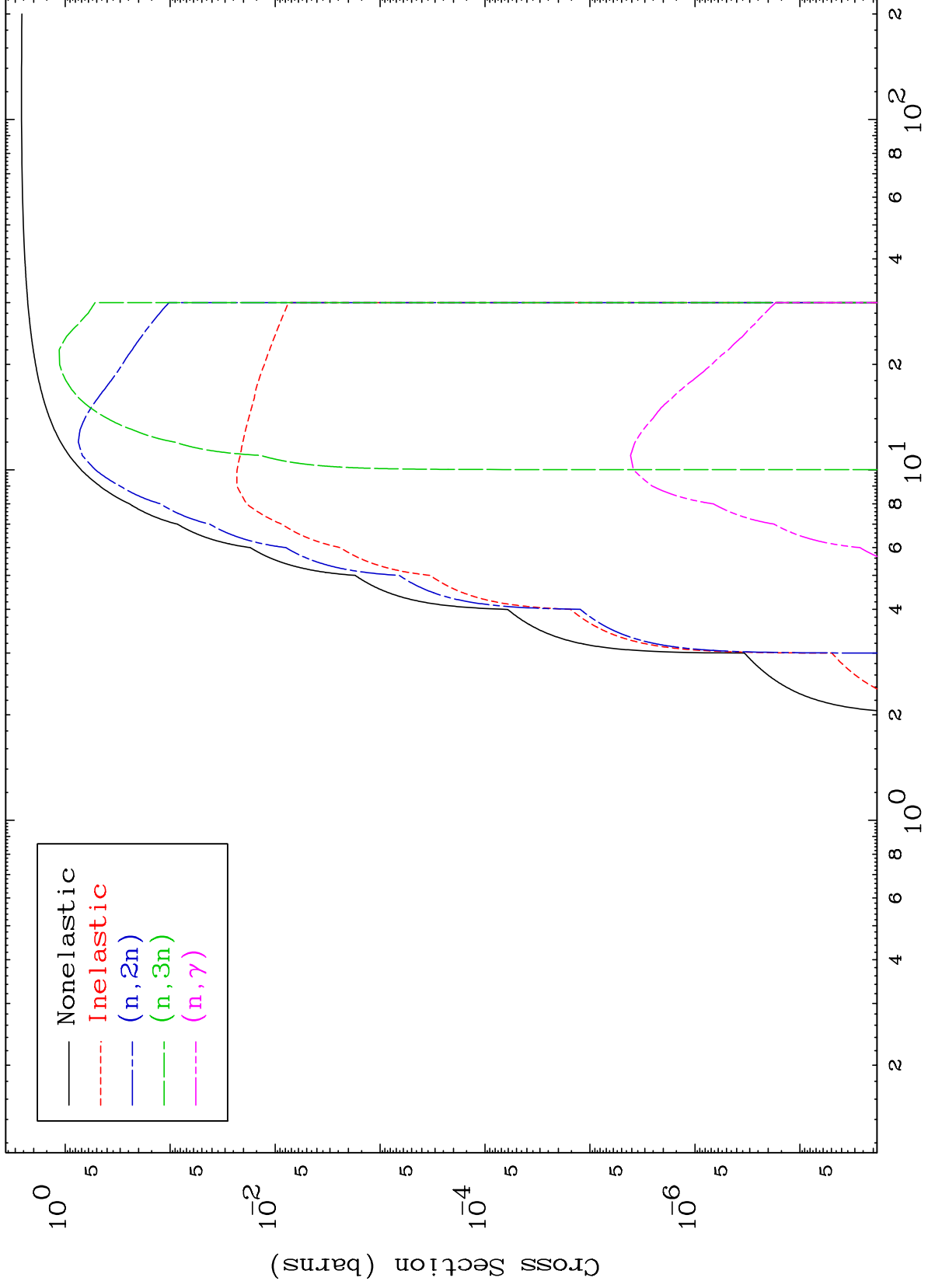
Web:redcullen1.net/HOMEPAGE.NEW

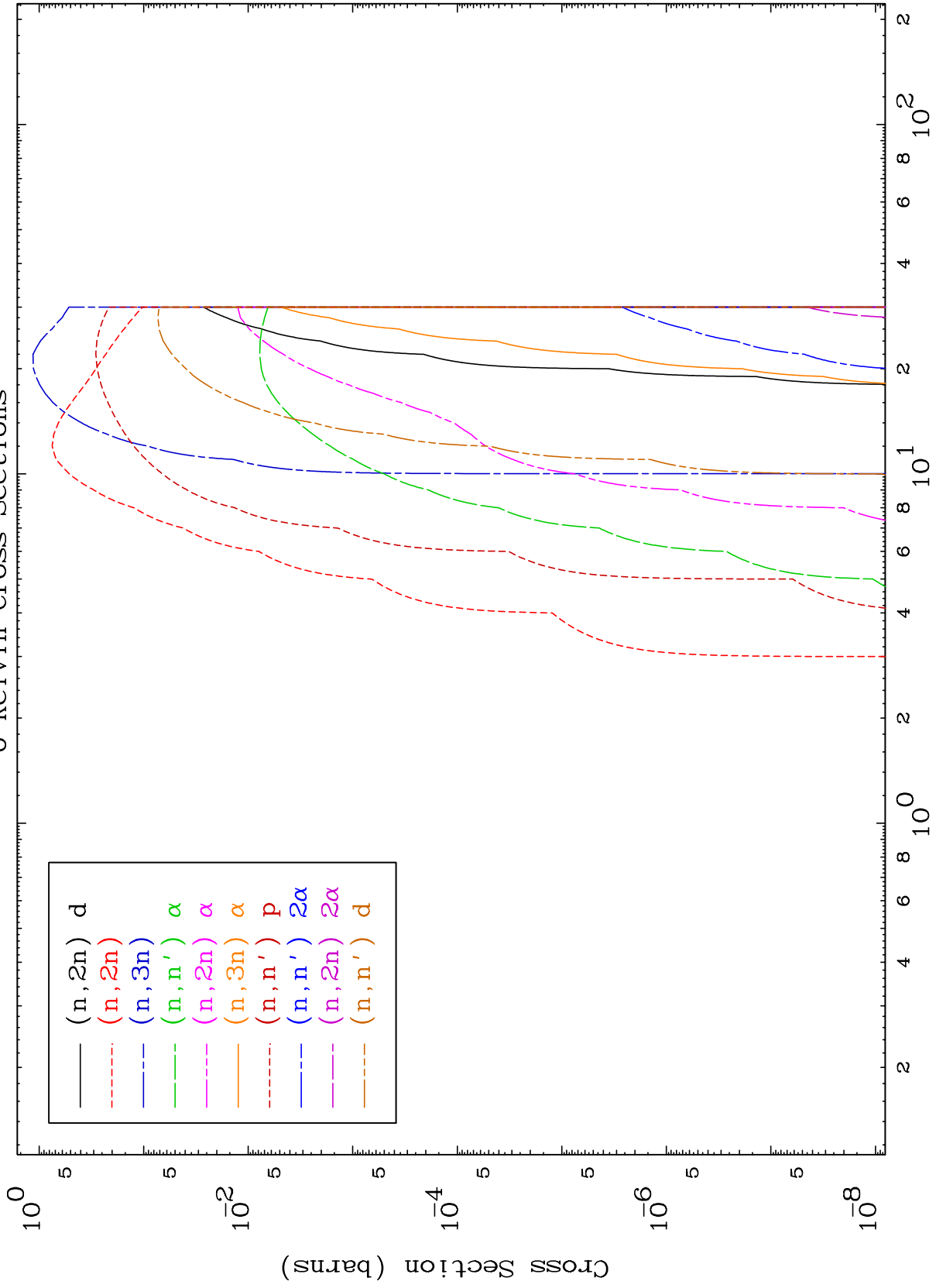
Press Mouse Button to Start

MAT 6146

Deuteron Major  
0 Kelvin Cross Sections

61-Pm-146

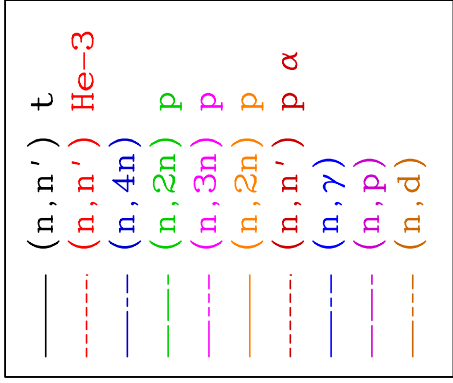
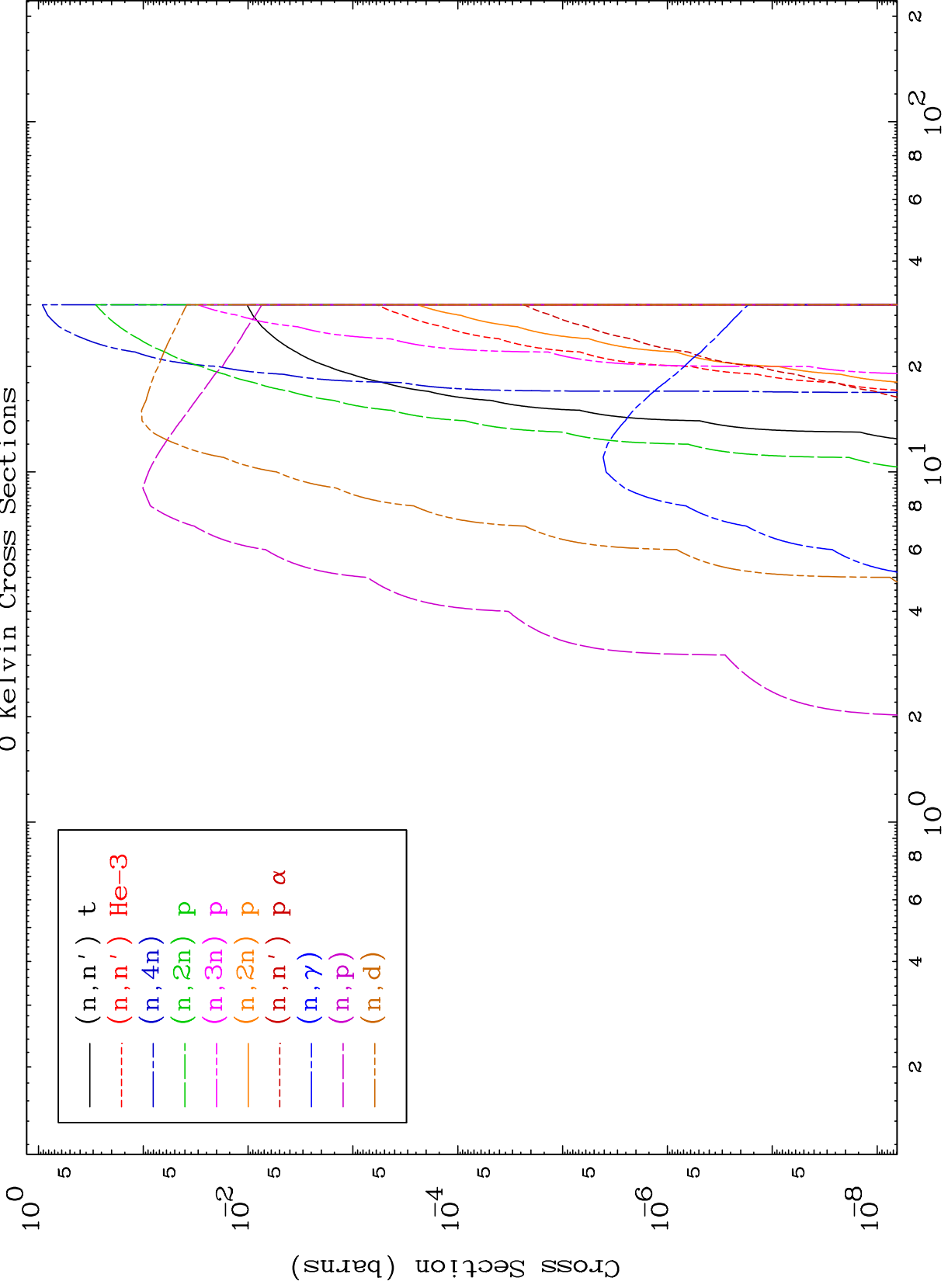




MAT 6146

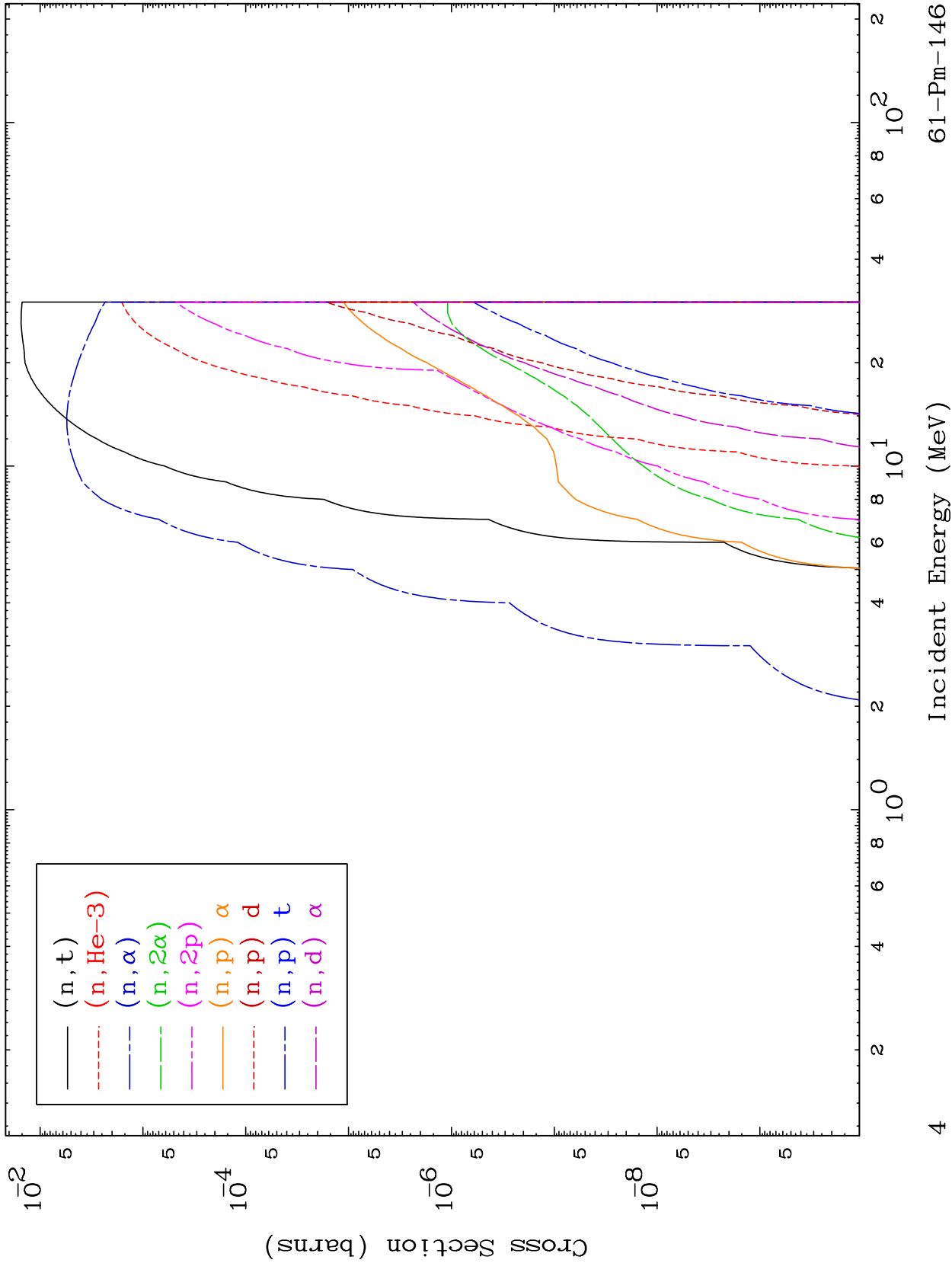
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

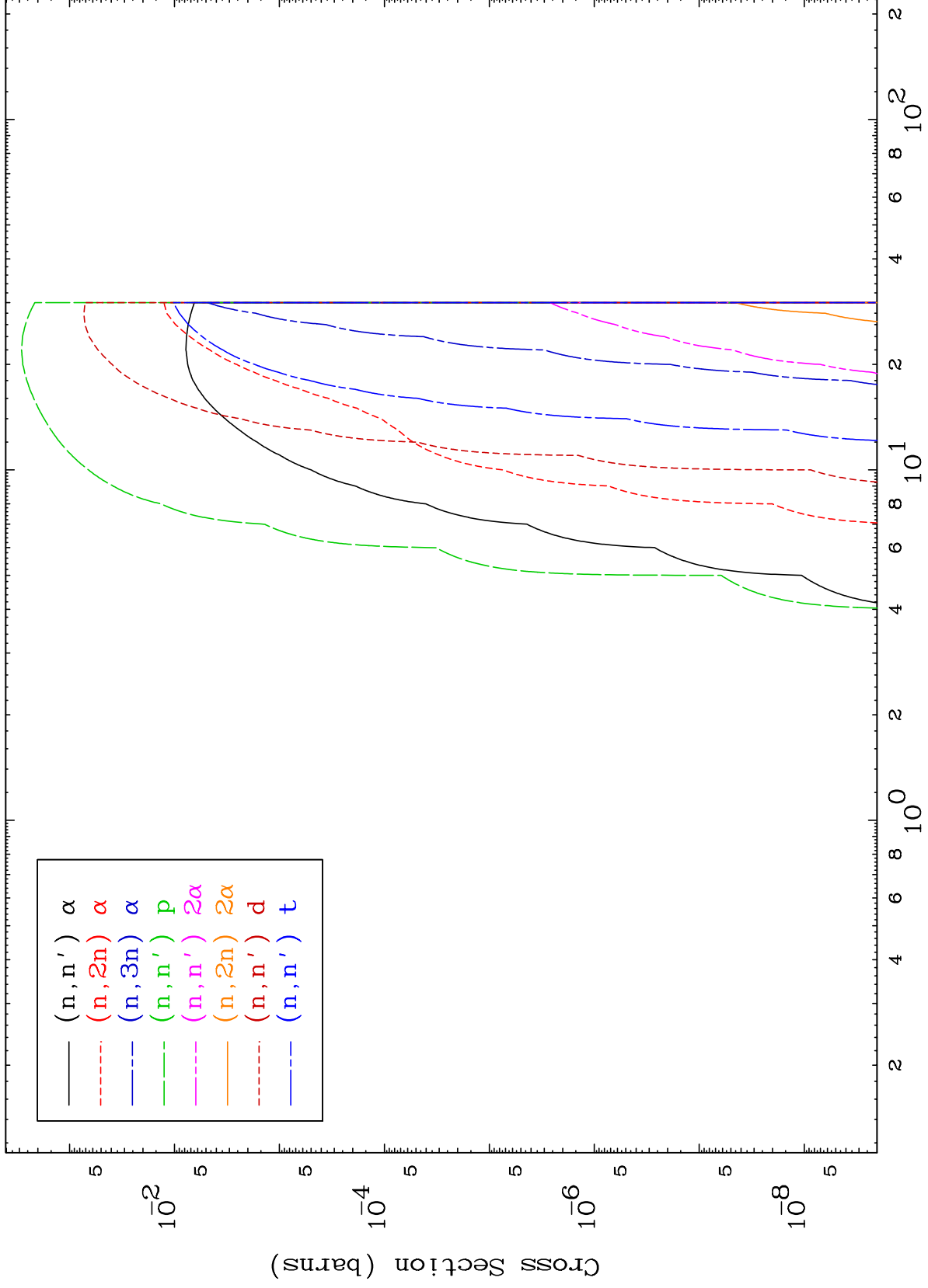
61-Pm-146



61-Pm-146

Incident Energy (MeV)

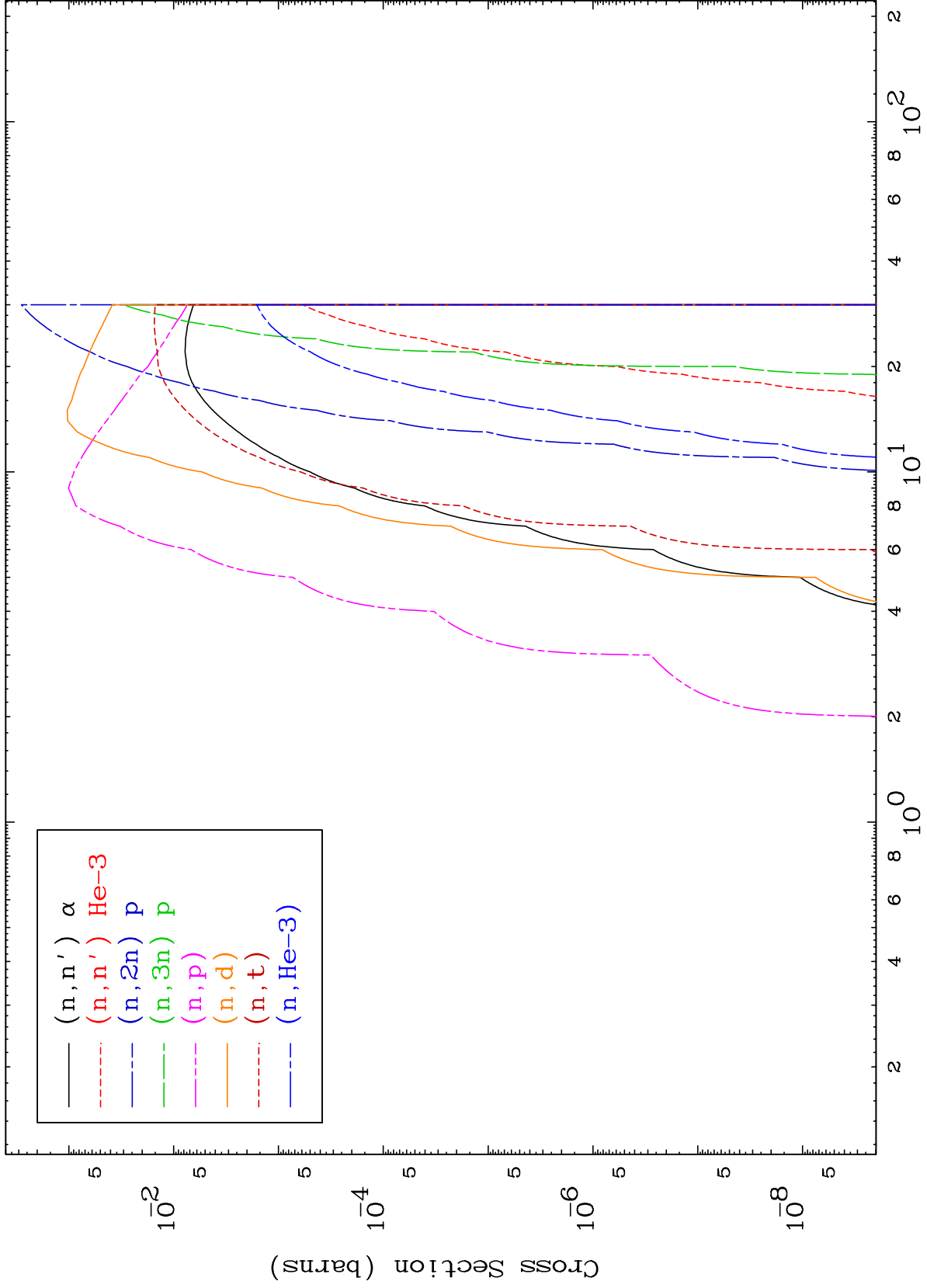




MAT 6146

Deuteron Charged Particle  
0 Kelvin Cross Sections

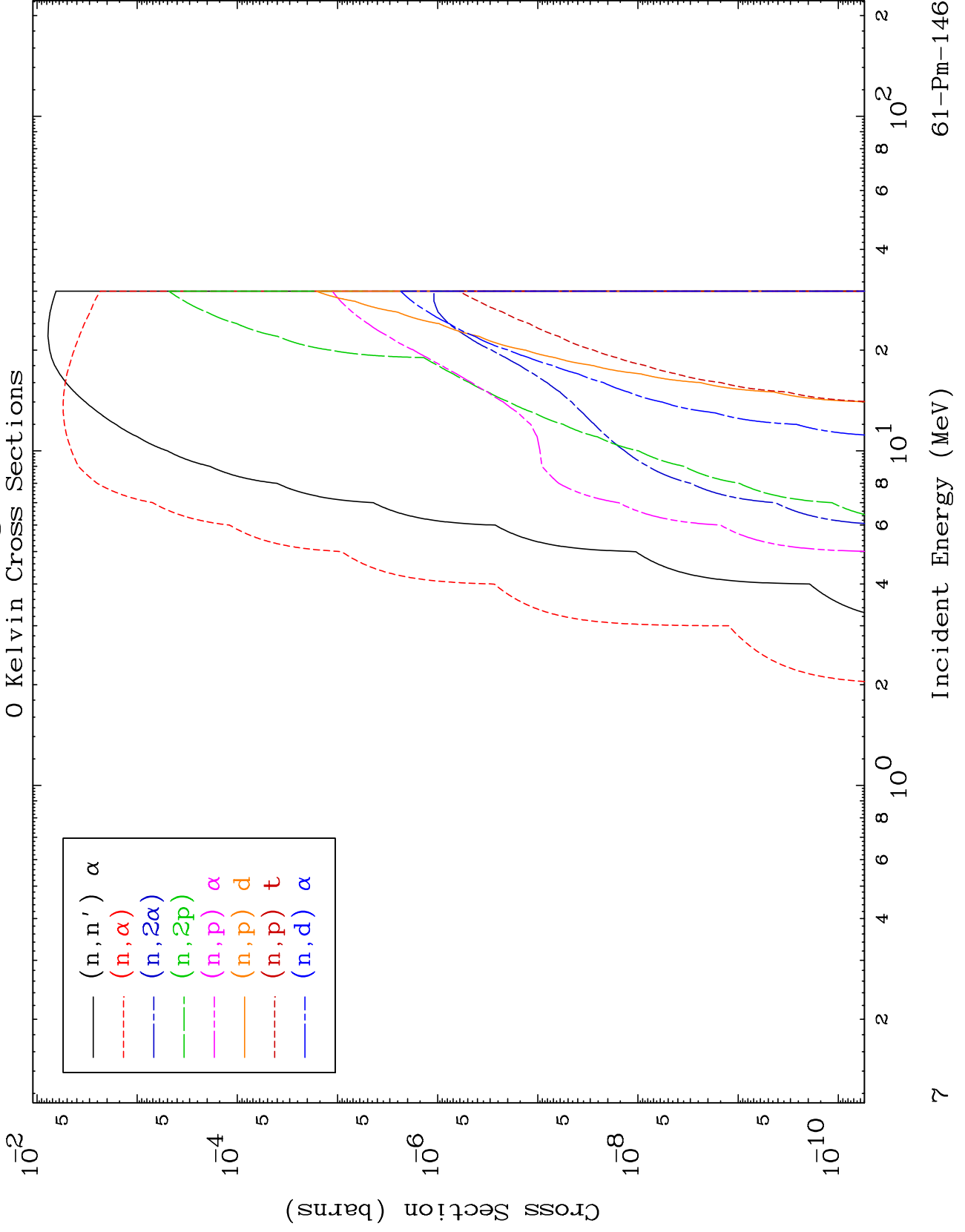
61-Pm-146



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Deuteron Charged Particle  
0 Kelvin Cross Sections

61-Pm-146



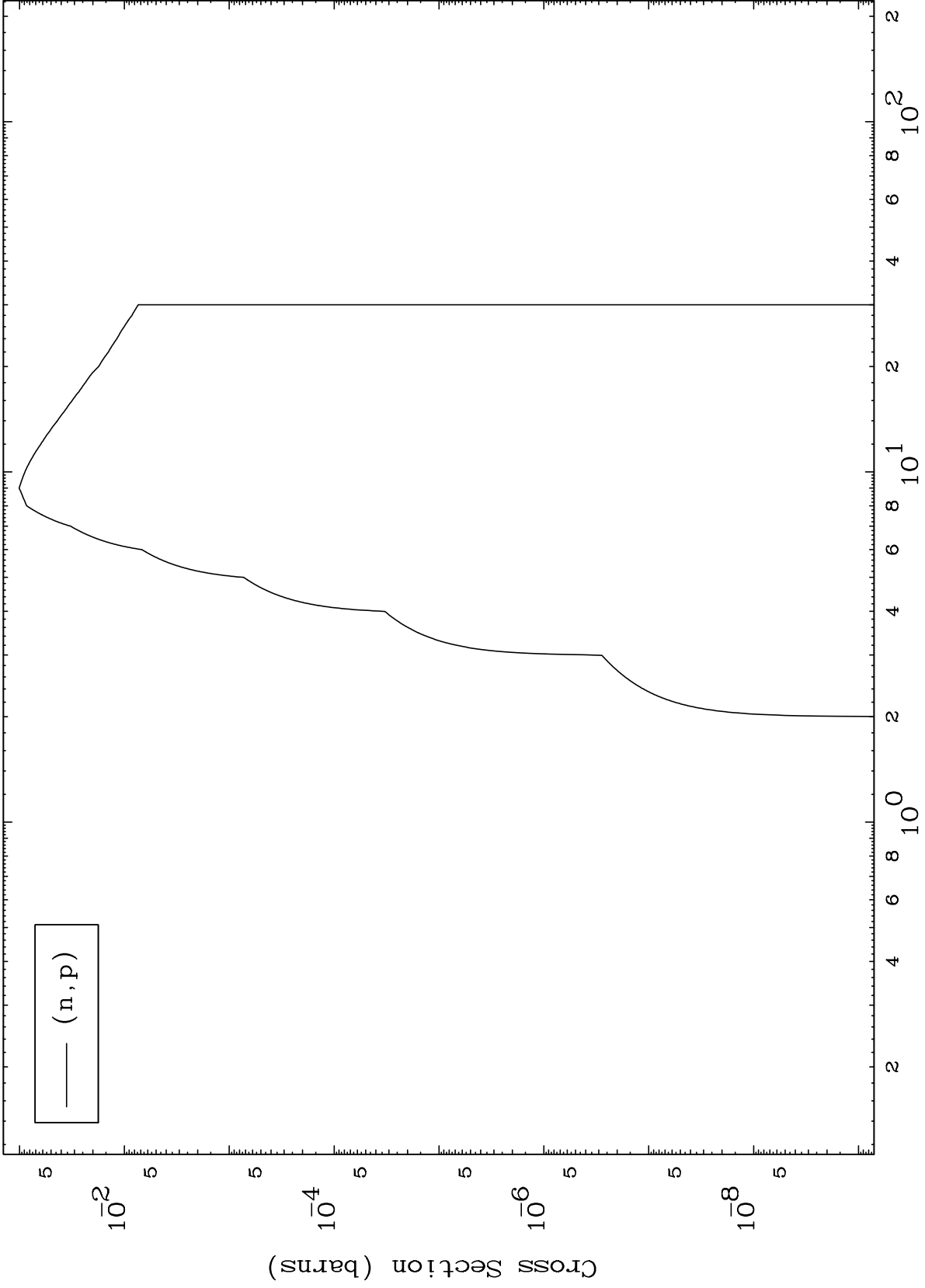


MAT 6146

(d,p) Levels

61-Pm-146

0 Kelvin Cross Sections

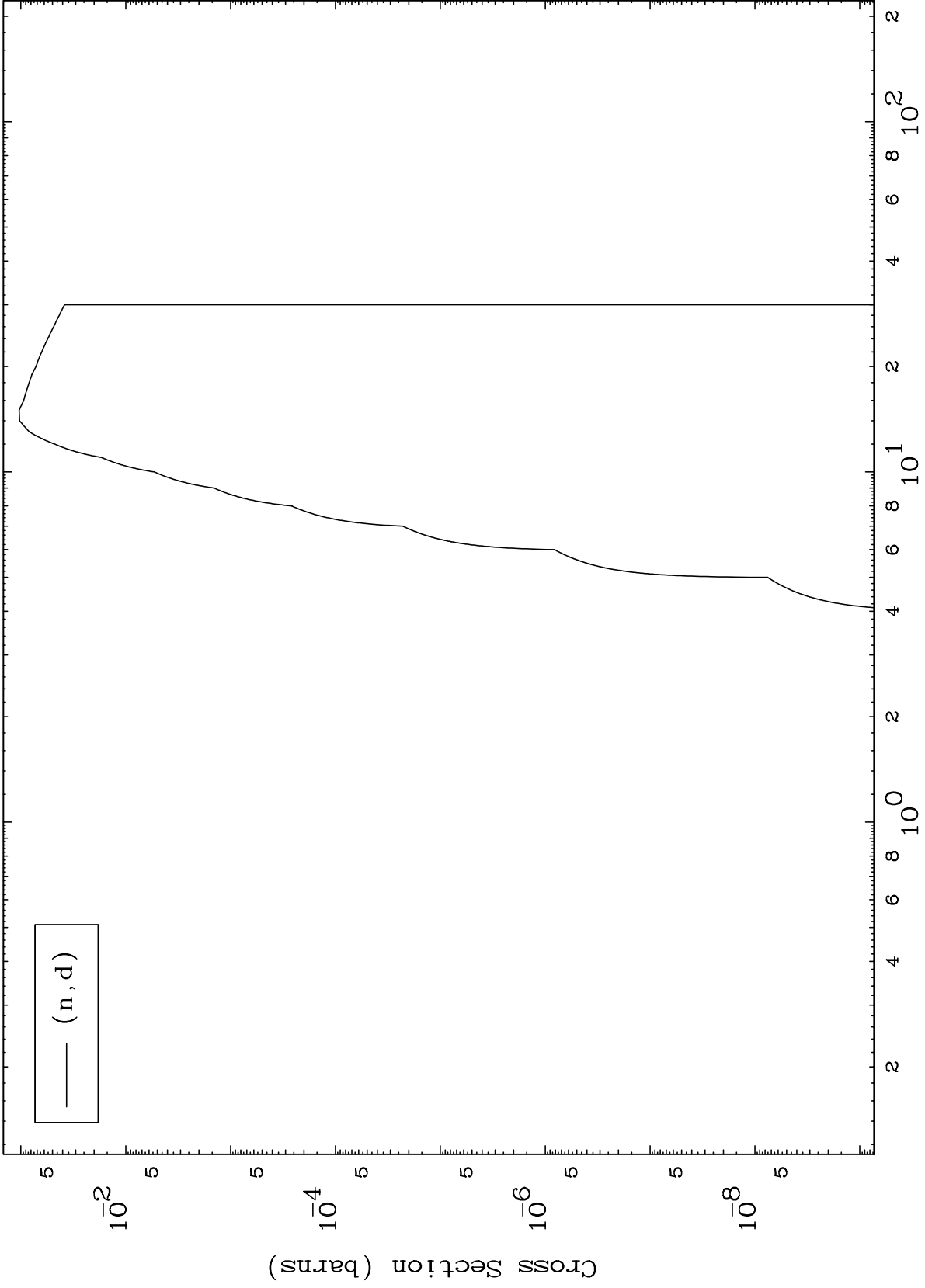


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(d,d) Levels

61-Pm-146

0 Kelvin Cross Sections

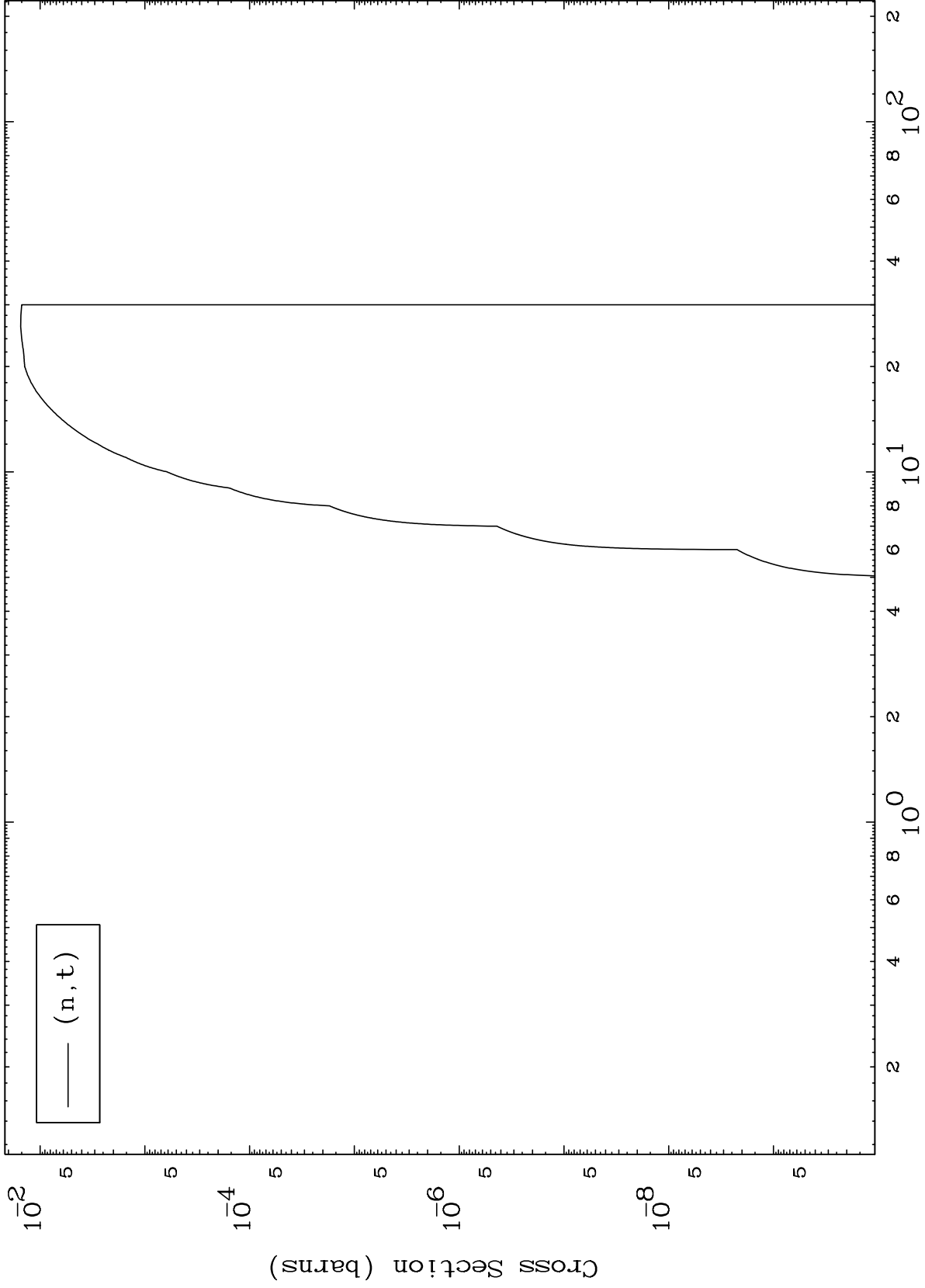


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(d, t) Levels

61-Pm-146

0 Kelvin Cross Sections



10

Incident Energy (MeV)

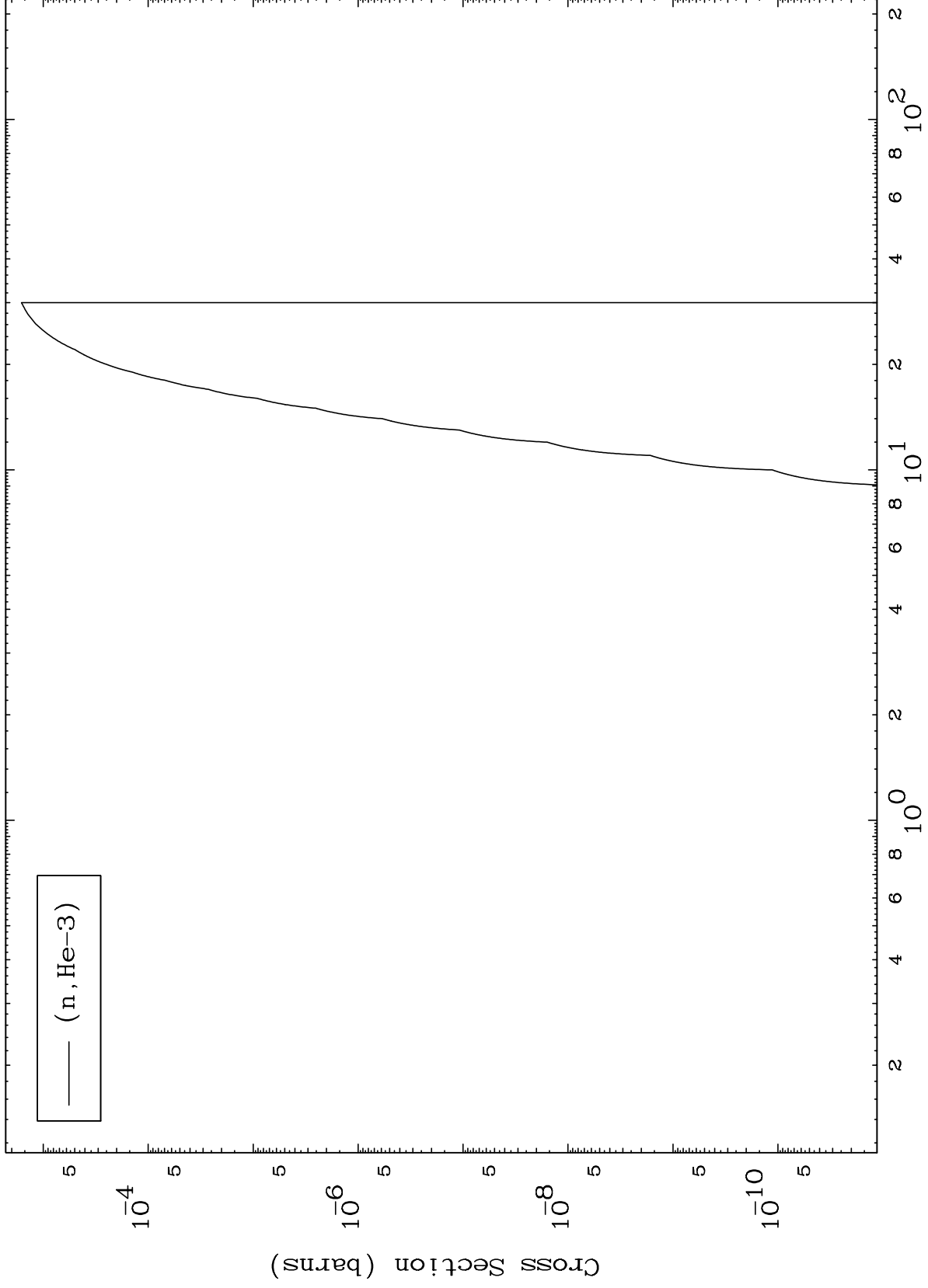
61-Pm-146

MAT 6146

(d,He3) Levels

61-Pm-146

0 Kelvin Cross Sections

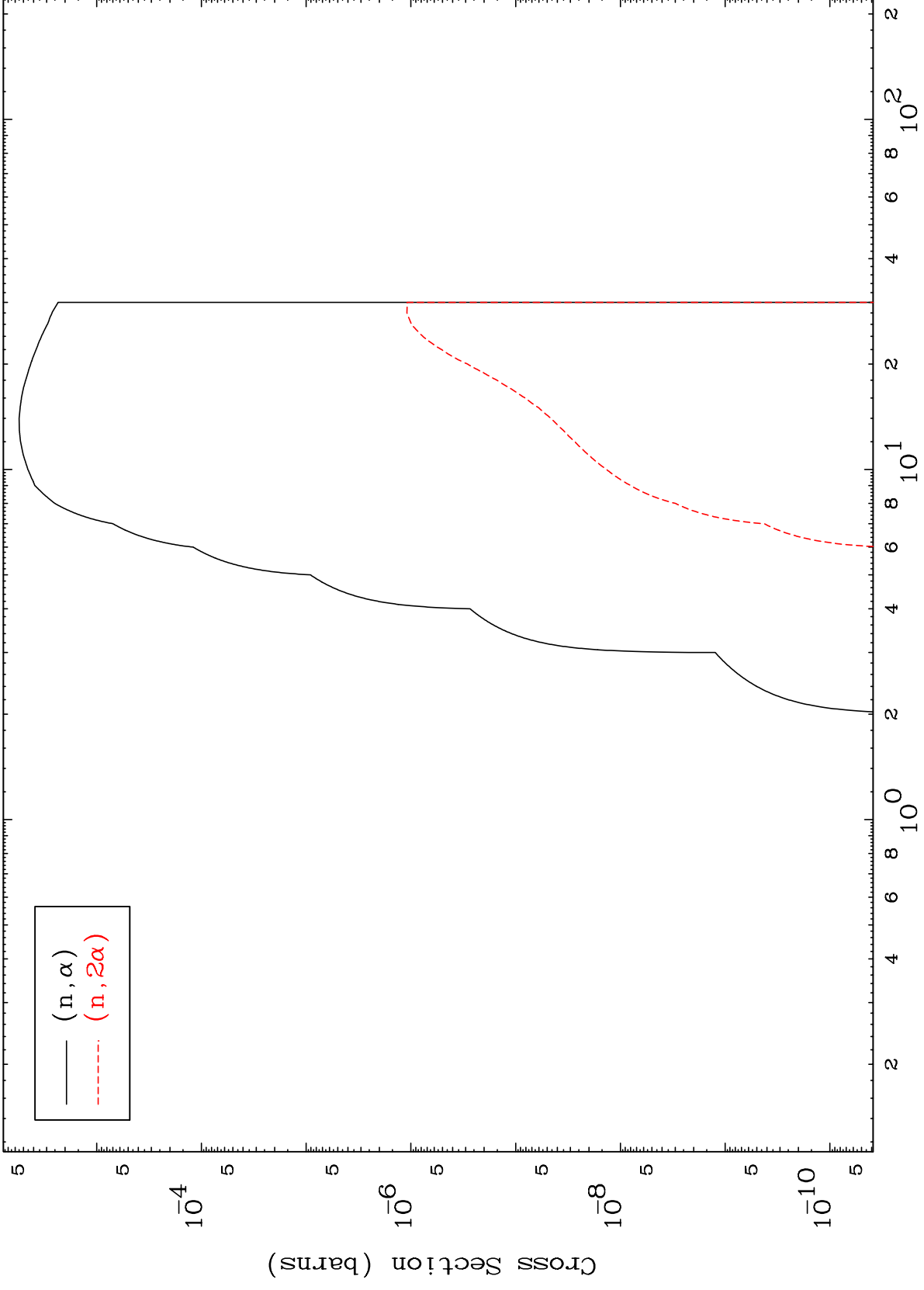


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(d,  $\alpha$ ) Levels

61-Pm-146

0 Kelvin Cross Sections



12

Incident Energy (MeV)

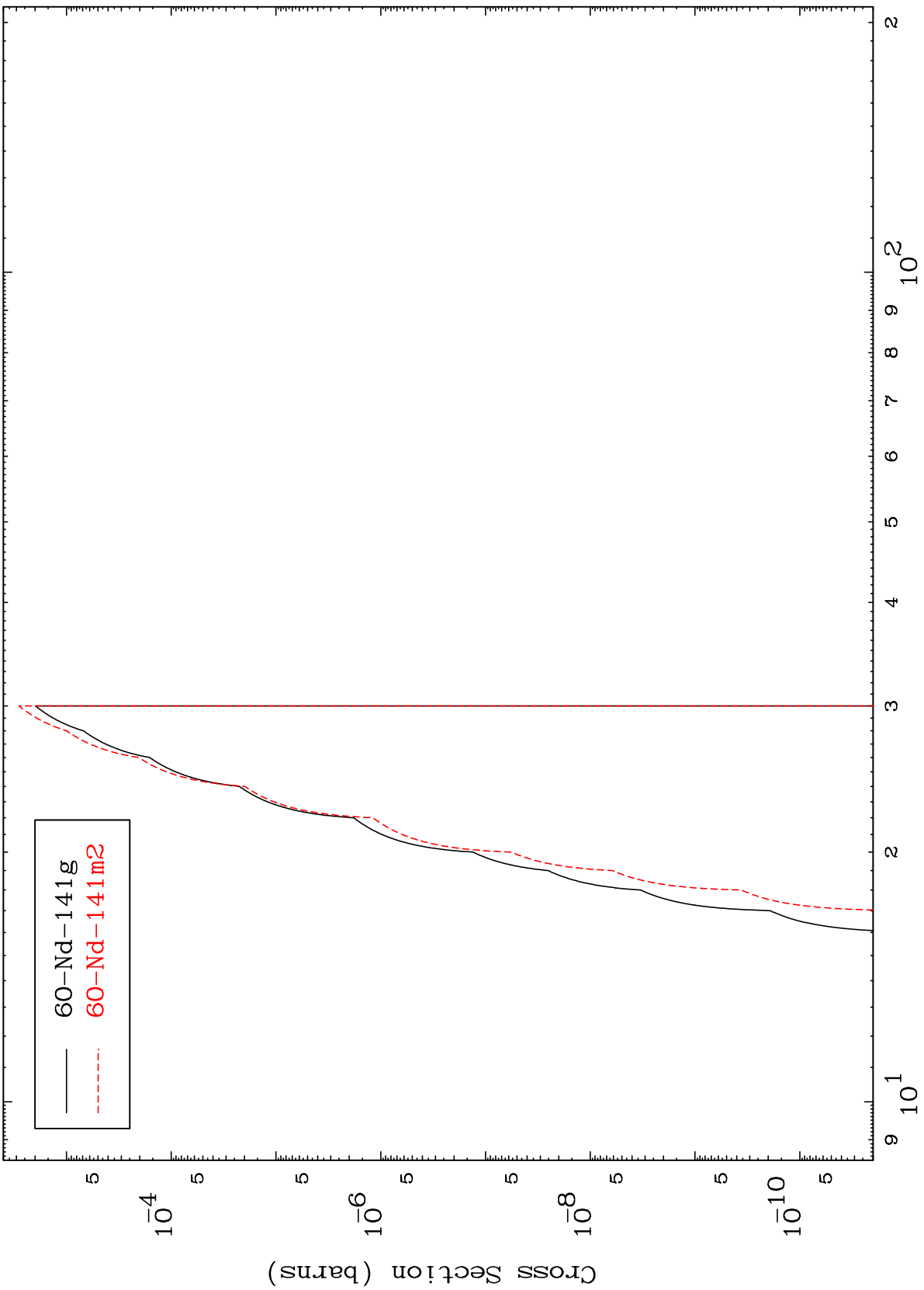
61-Pm-146

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(n,3n)  $\alpha$

61-Pm-146

Radionuclide Production Cross Section



60-Nd-141 g  
60-Nd-141 m2

13

Incident Energy (MeV)

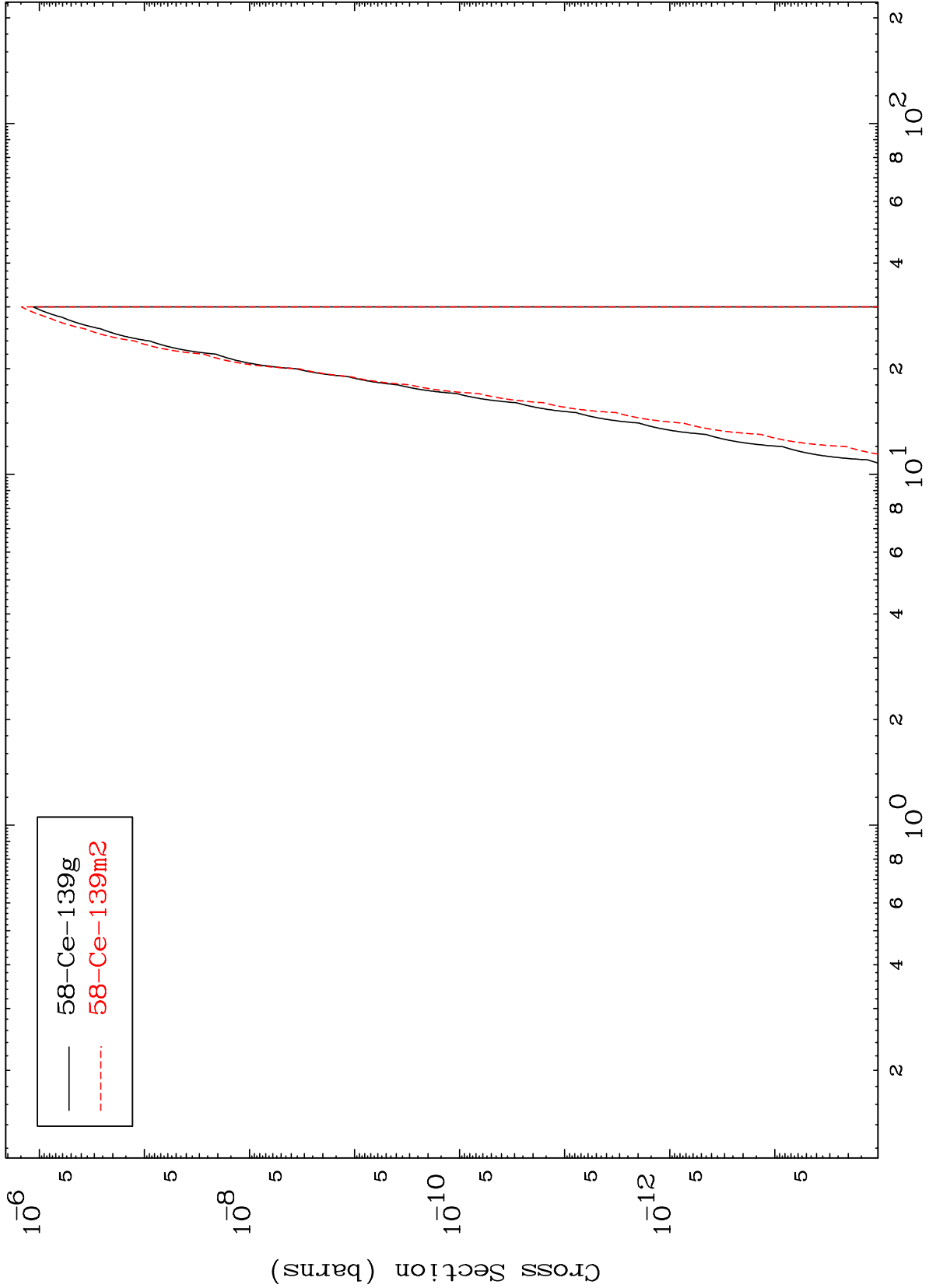
61-Pm-146

MAT 6146

(n,n') 2 $\alpha$

61-Pm-146

Radionuclide Production Cross Section



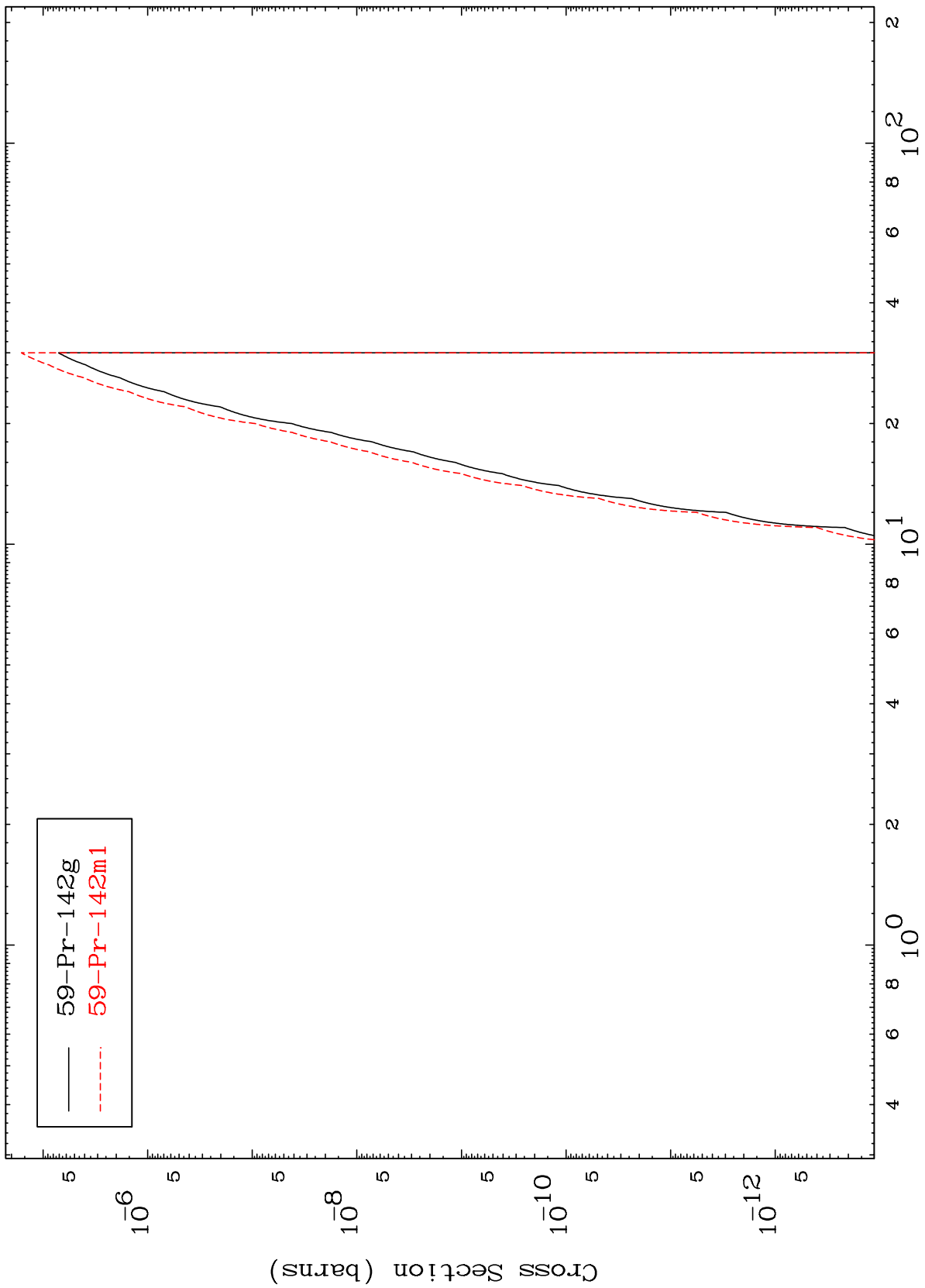
58-Ce-139g  
58-Ce-139m2

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(n,n') p  $\alpha$

61-Pm-146

Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-146

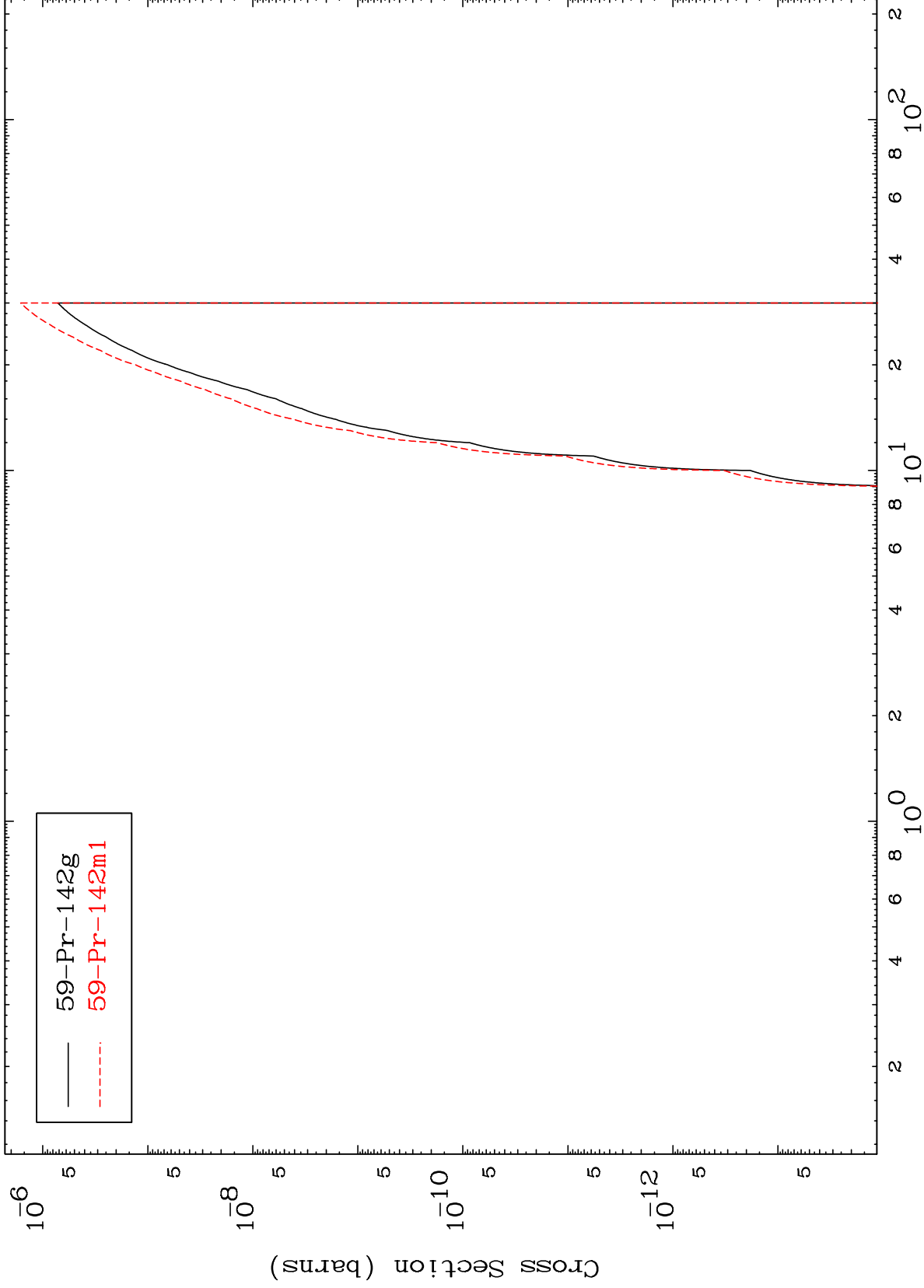


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(n,d)  $\alpha$

61-Pm-146

Radionuclide Production Cross Section



16

Incident Energy (MeV)

61-Pm-146