

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

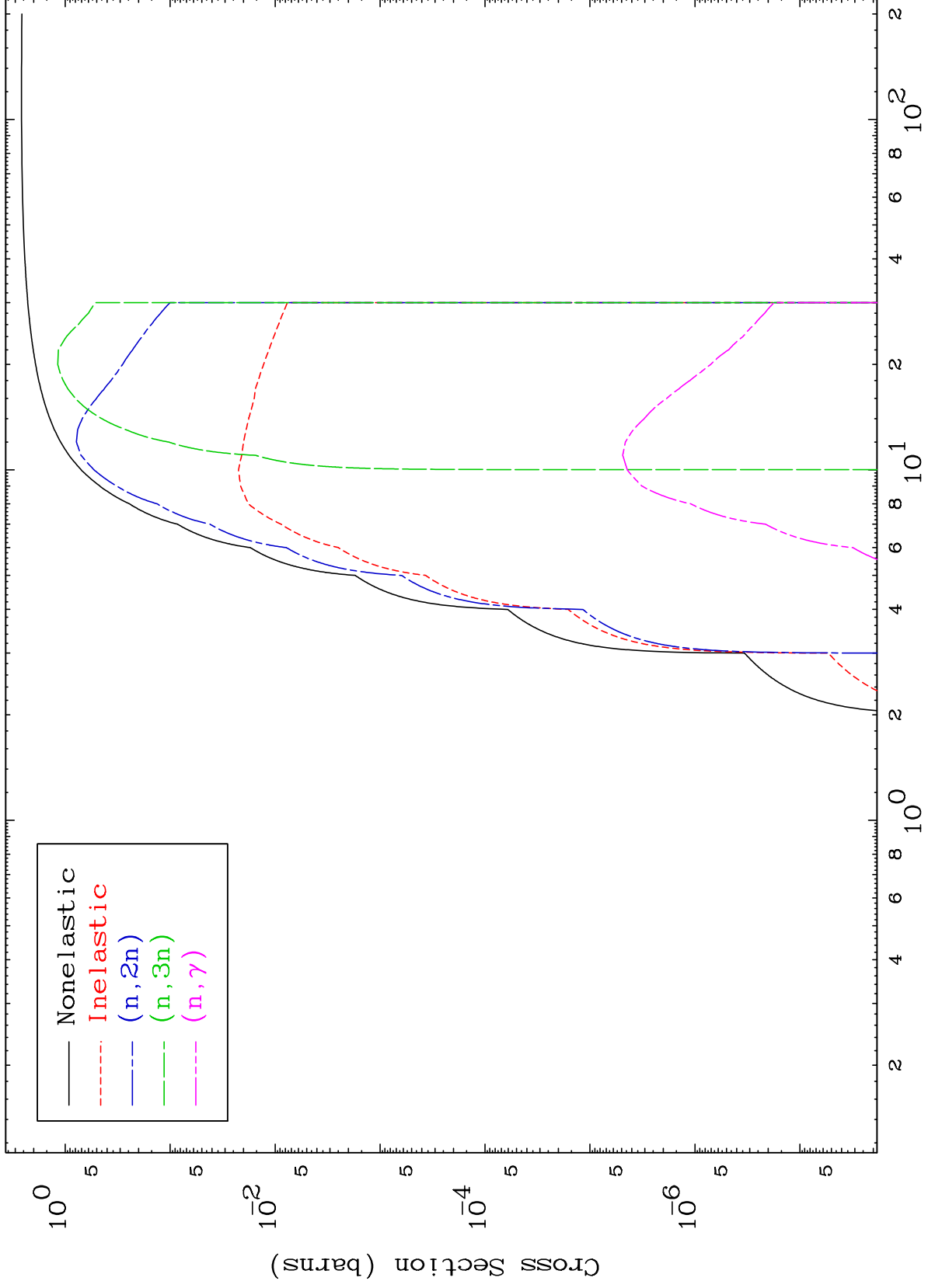
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

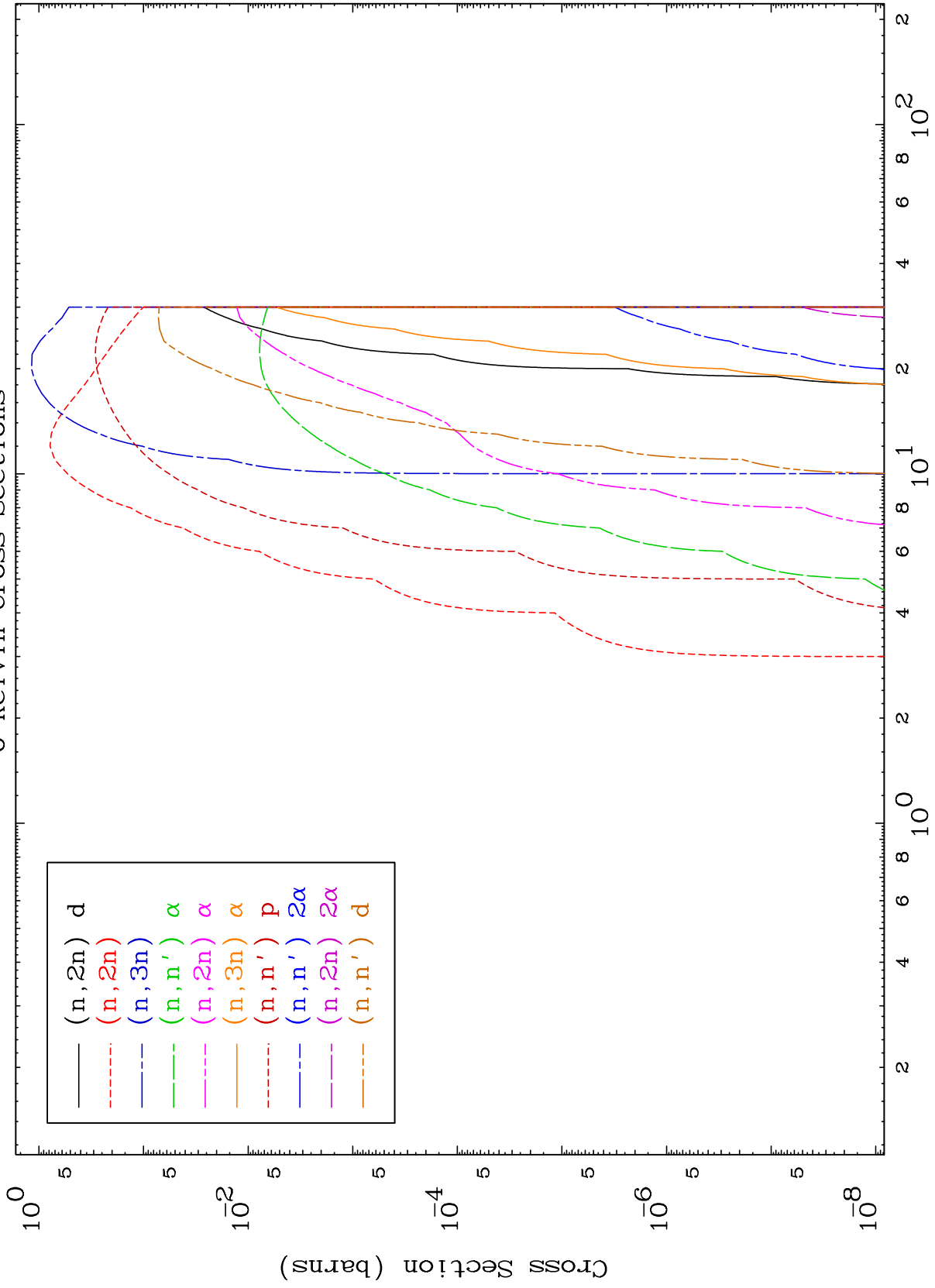
Press Mouse Button to Start



MAT 6146

Deuteron Neutron Absorption
0 Kelvin Cross Sections

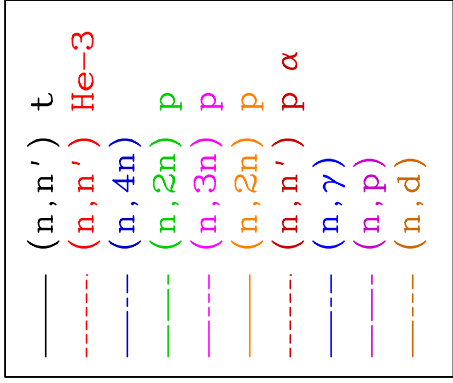
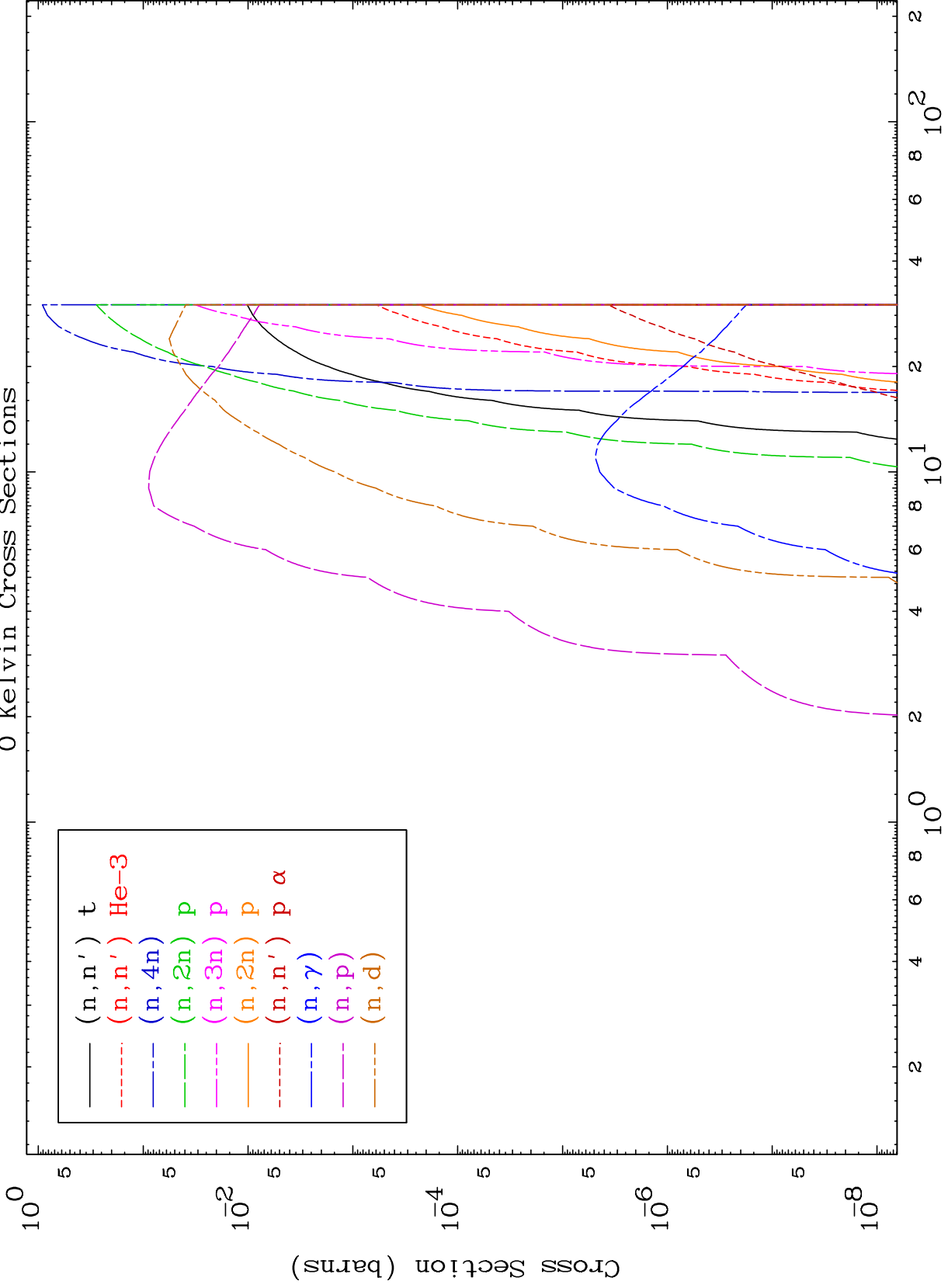
61-Pm-146



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Deuteron Neutron Absorption
0 Kelvin Cross Sections

61-Pm-146



61-Pm-146

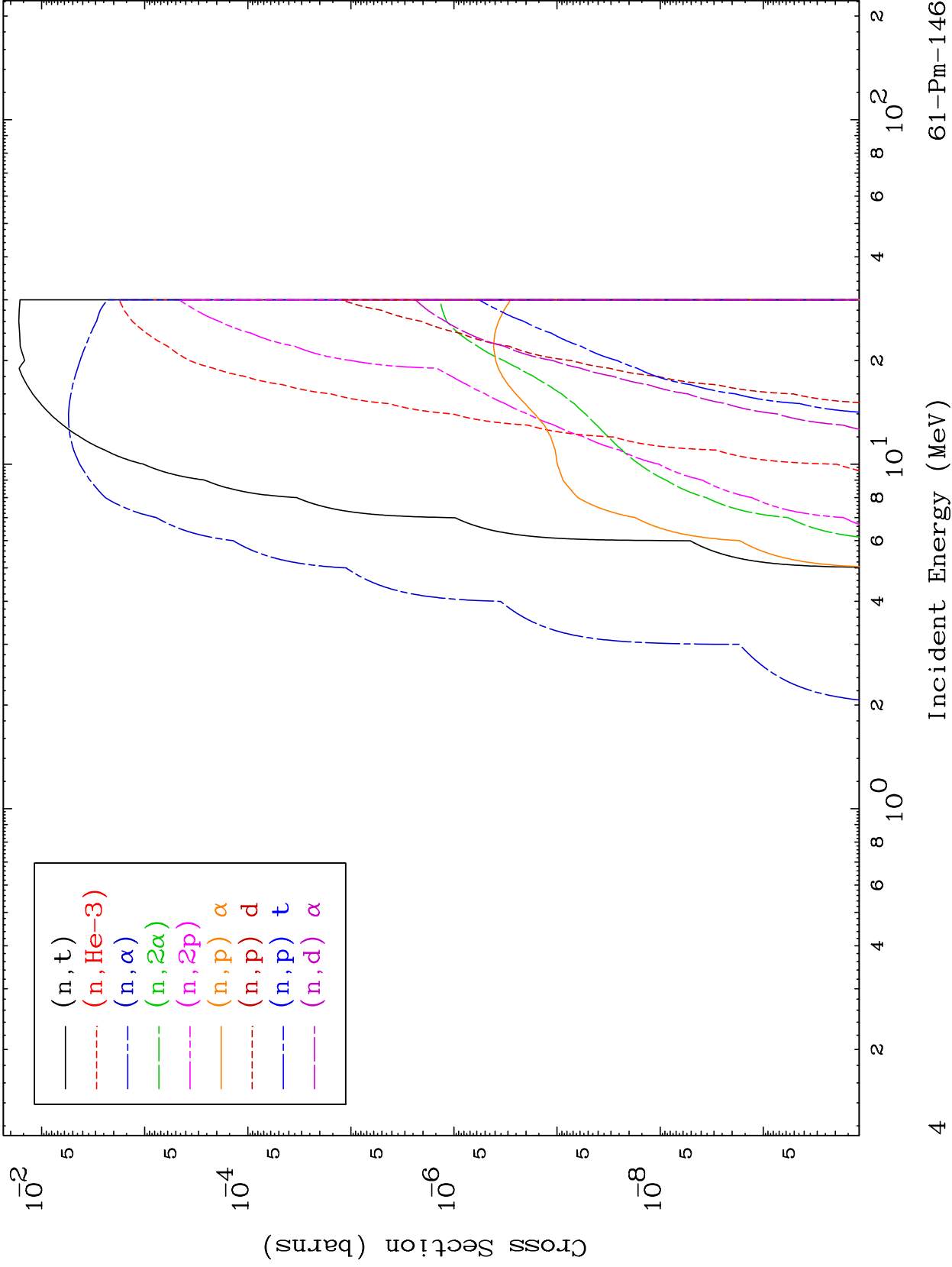
Incident Energy (MeV)

3

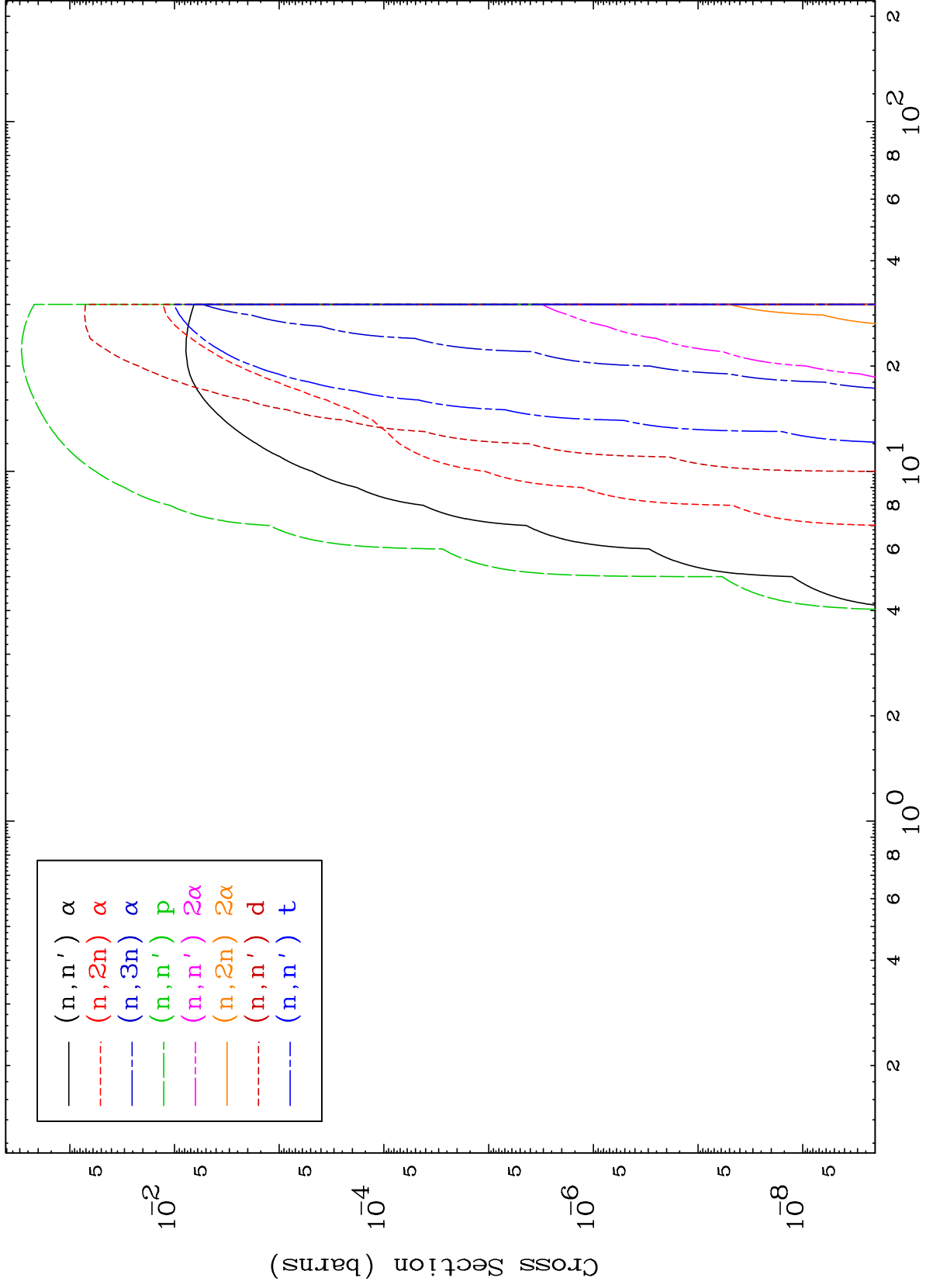
MAT 6146

Deuteron Neutron Absorption
0 Kelvin Cross Sections

61-Pm-146



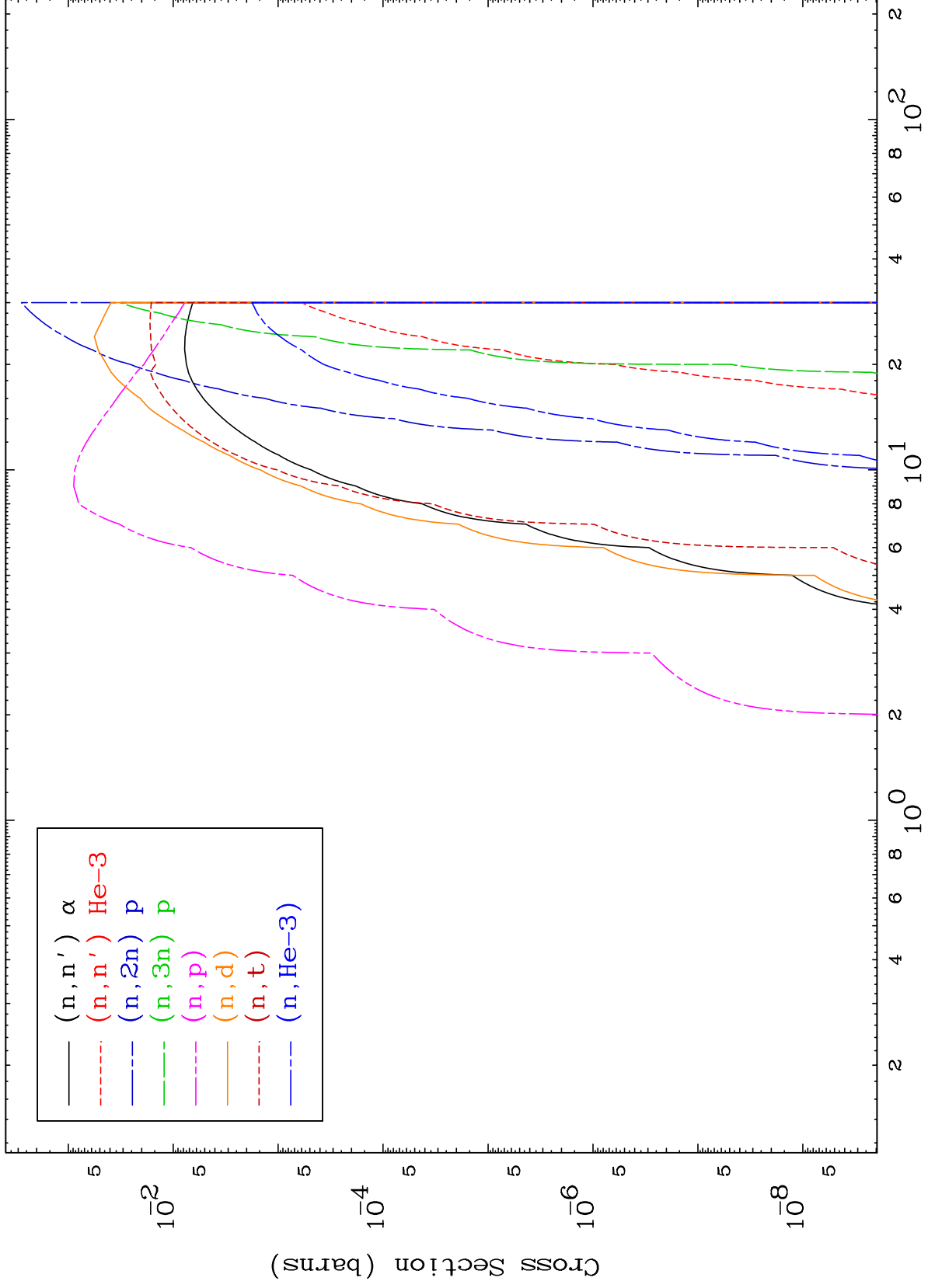
61-Pm-146



MAT 6146

Deuteron Charged Particle
0 Kelvin Cross Sections

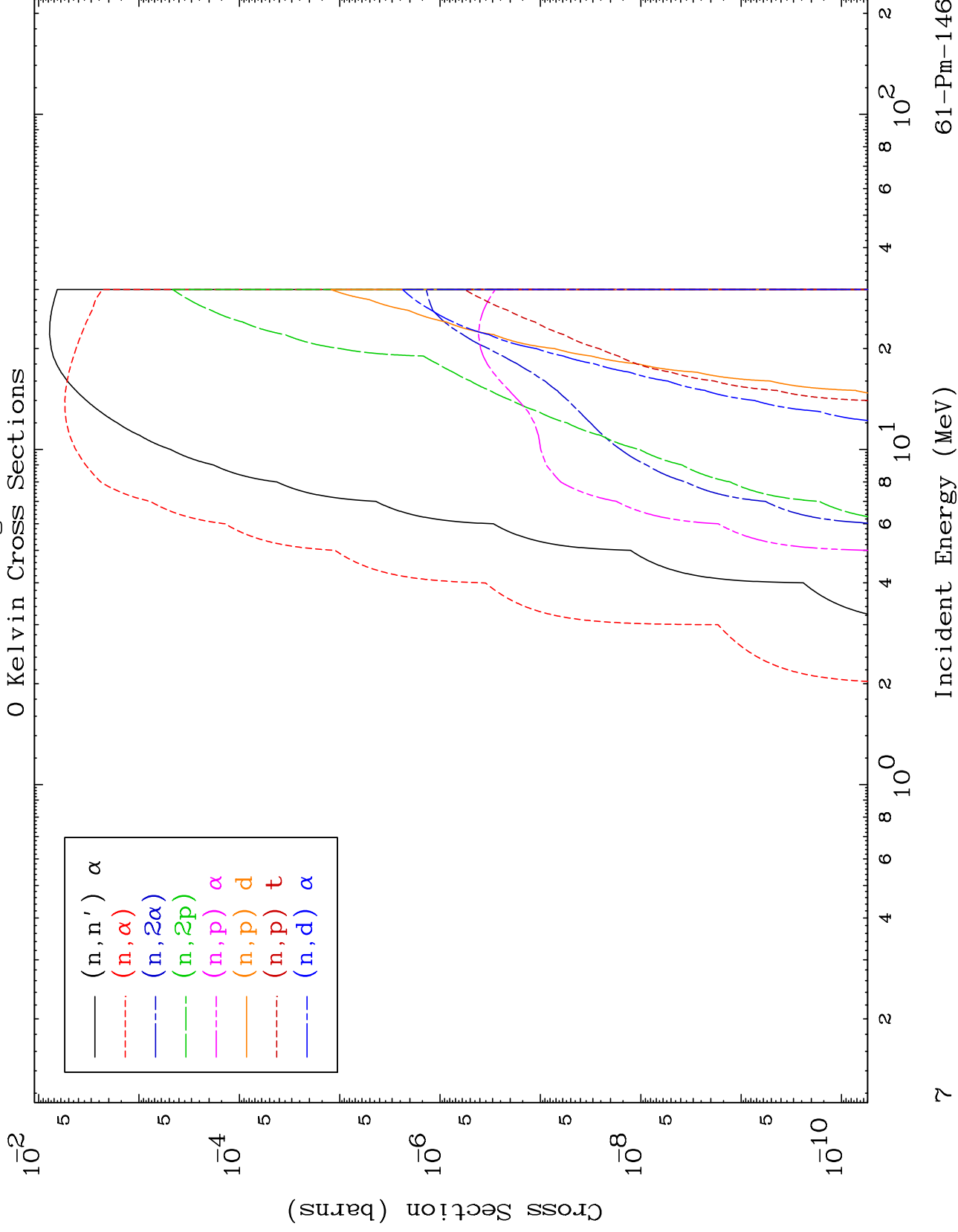
61-Pm-146



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Deuteron Charged Particle
0 Kelvin Cross Sections

61-Pm-146

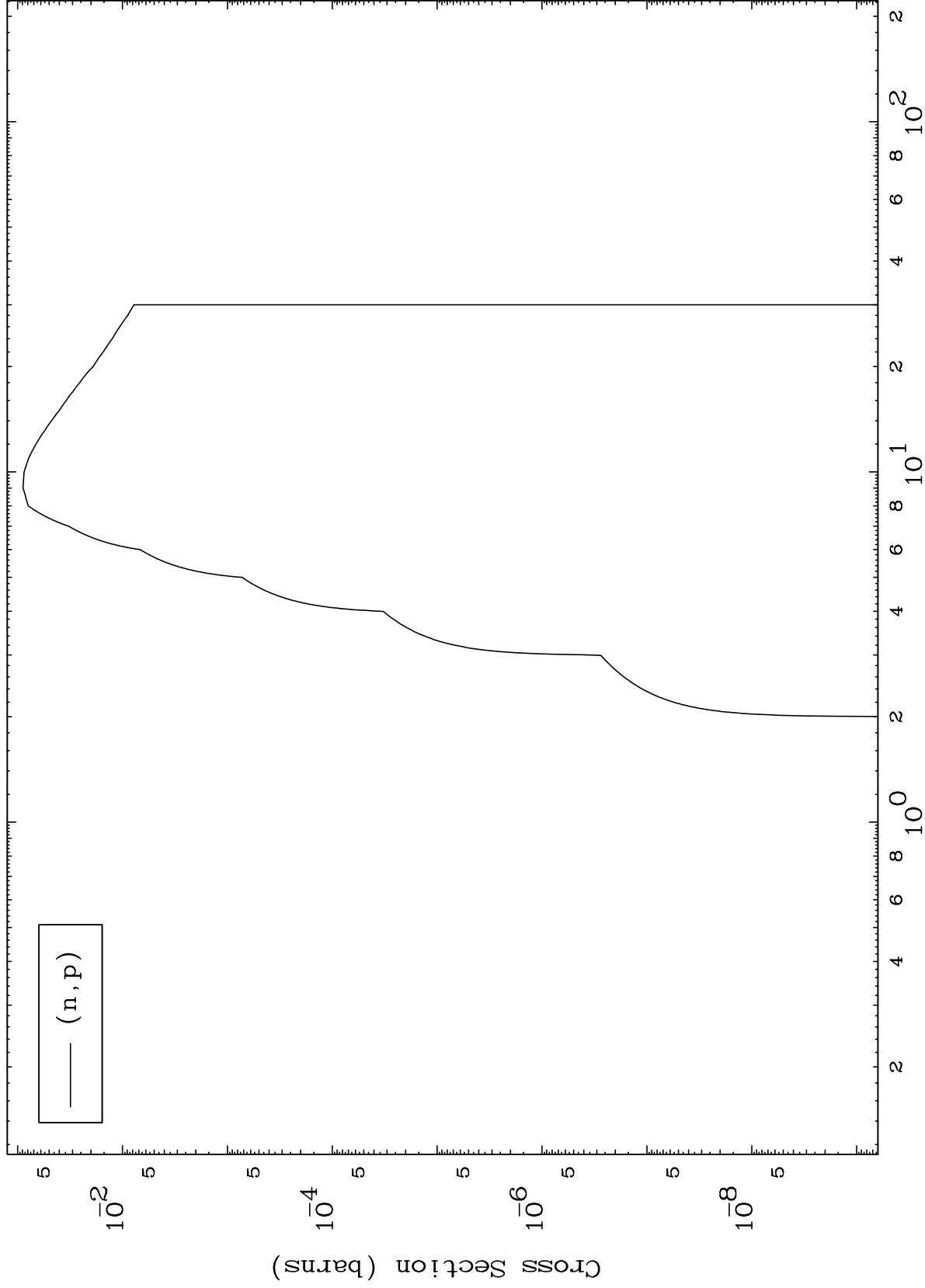


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(d,p) Levels

61-Pm-146

0 Kelvin Cross Sections

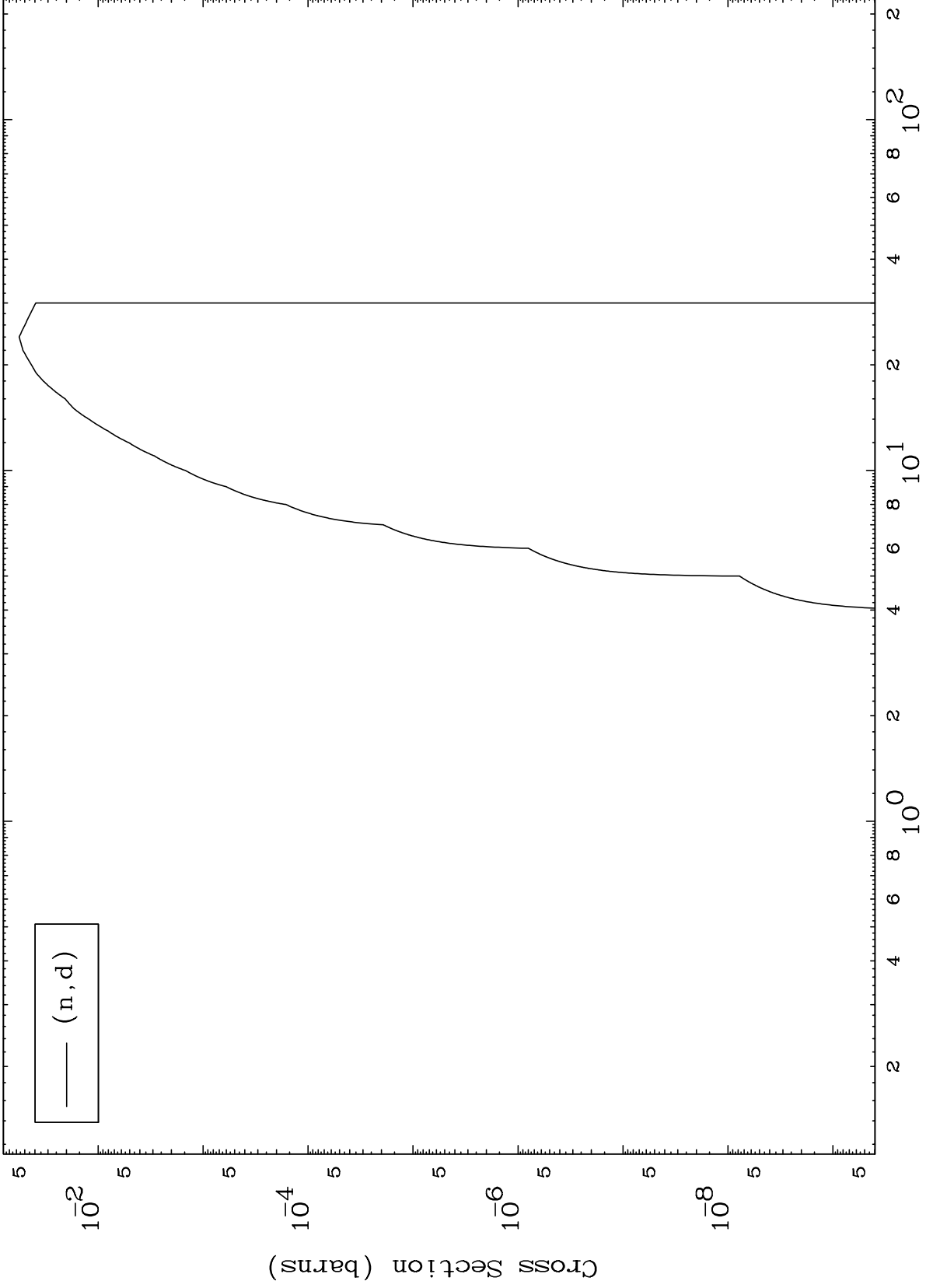


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(d,d) Levels

61-Pm-146

0 Kelvin Cross Sections

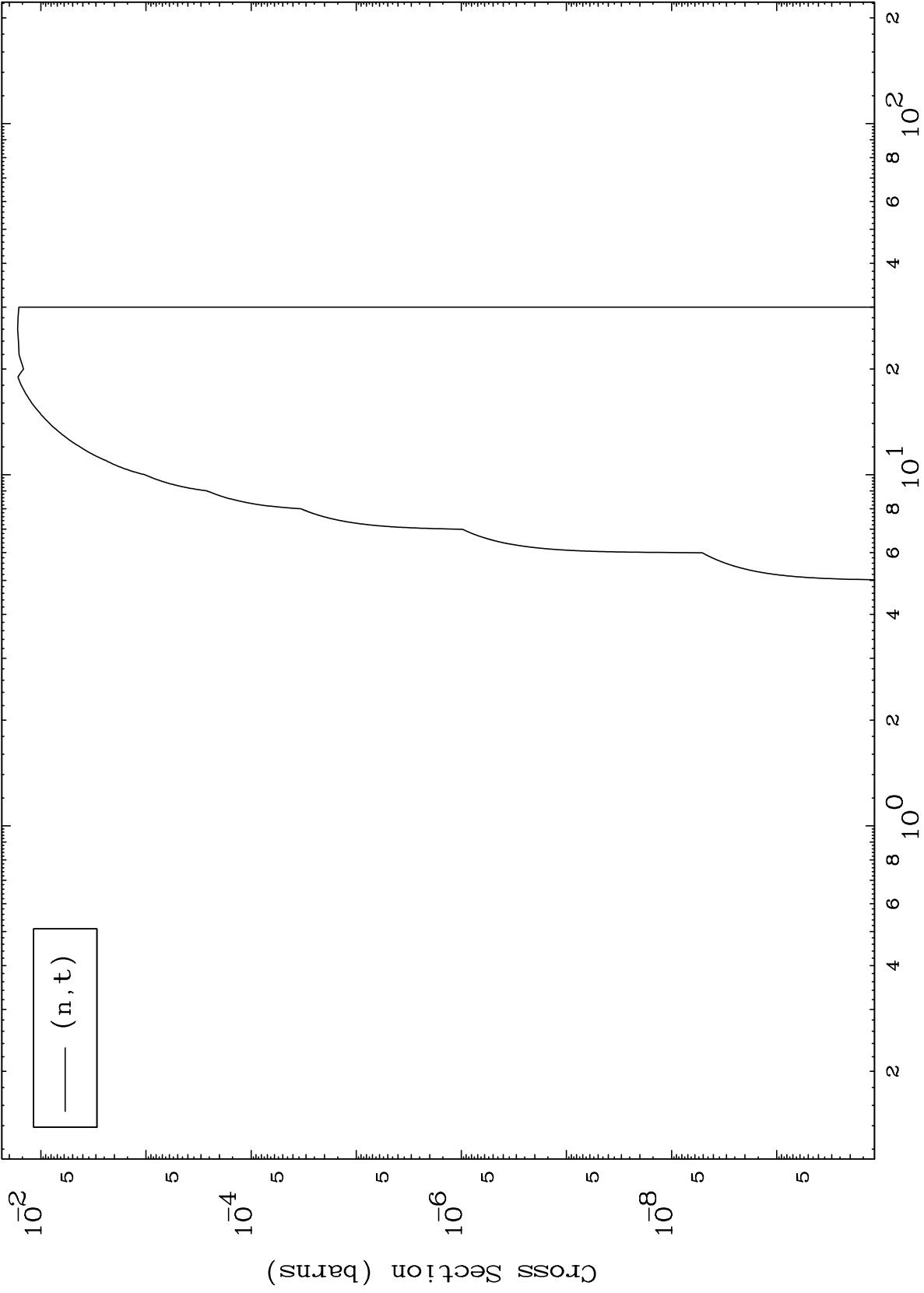


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(d, t) Levels

61-Pm-146

0 Kelvin Cross Sections



10

Incident Energy (MeV)

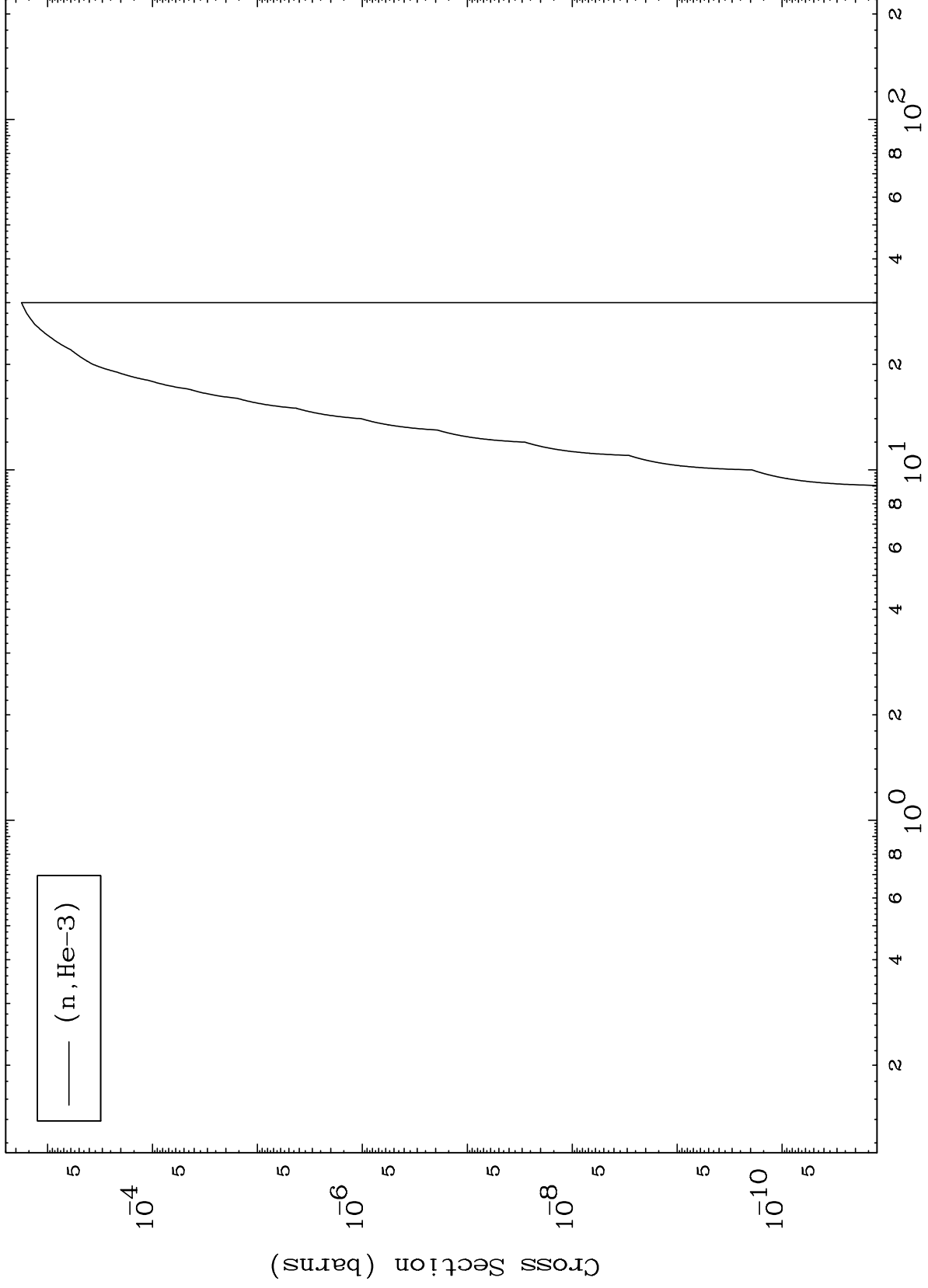
61-Pm-146

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(d,He3) Levels

61-Pm-146

0 Kelvin Cross Sections

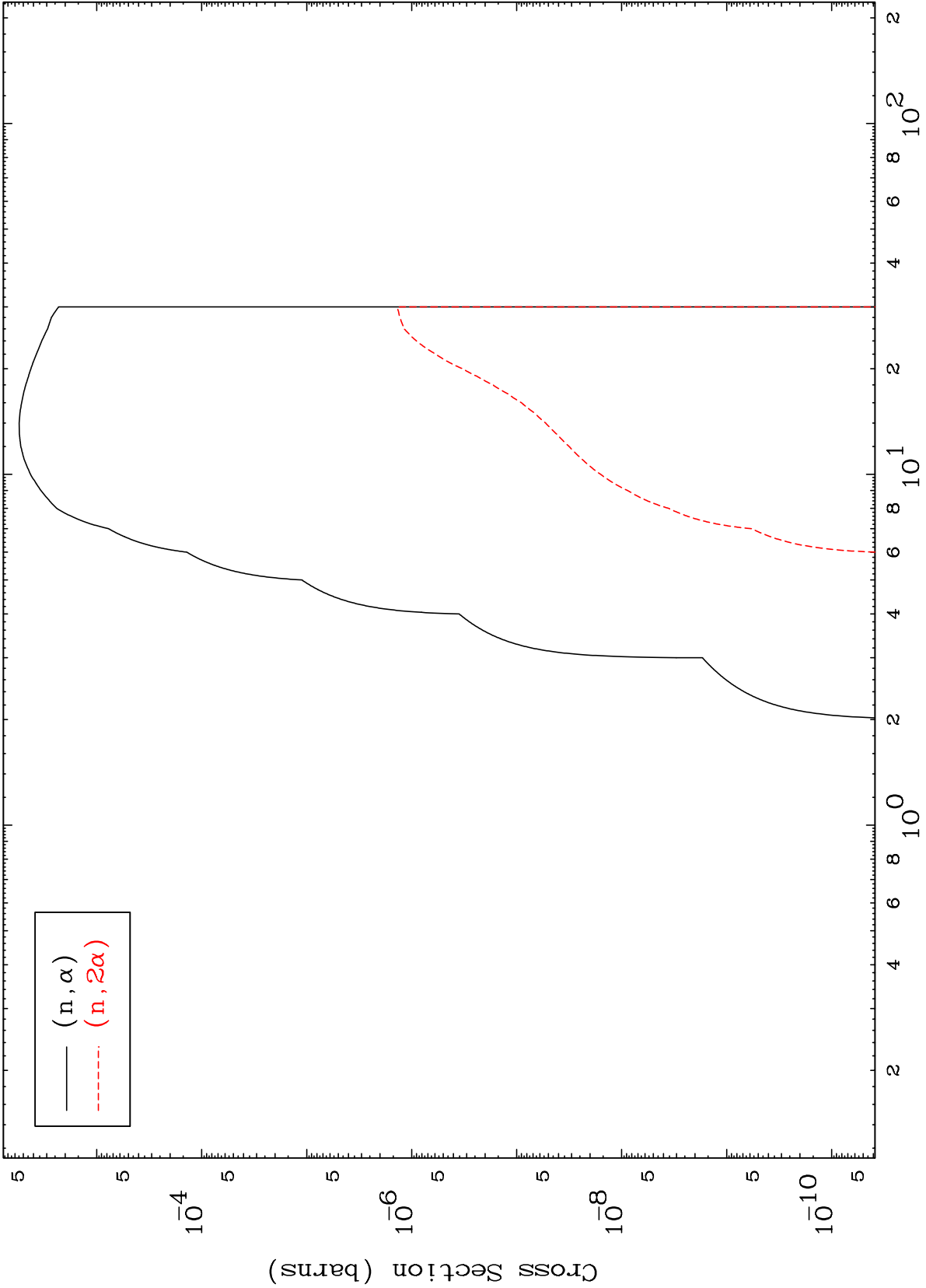


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(d, α) Levels

61-Pm-146

0 Kelvin Cross Sections



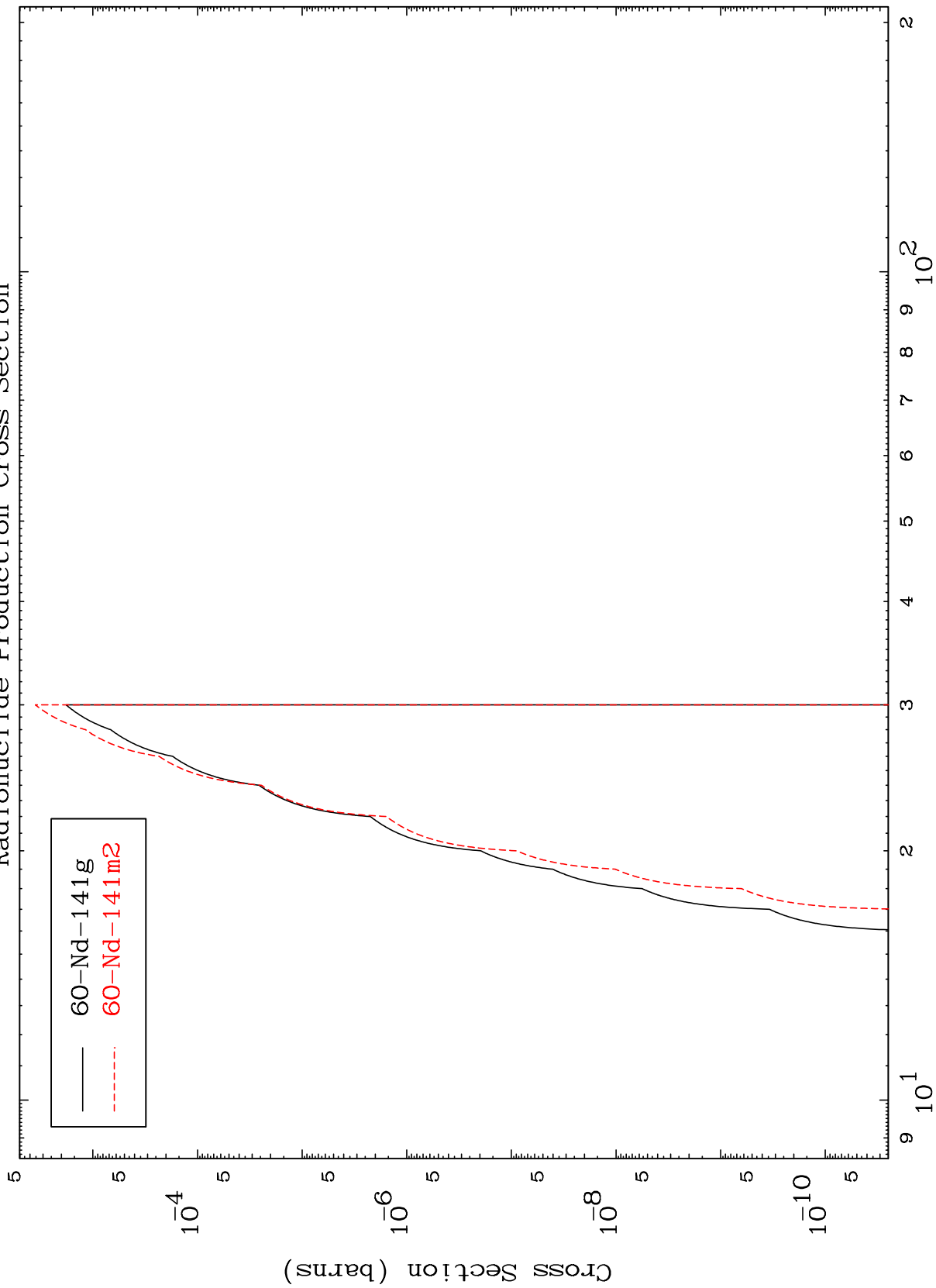
— (n, α)
- - - (n, 2 α)

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(n,3n) α

61-Pm-146

Radionuclide Production Cross Section



Incident Energy (MeV)

61-Pm-146

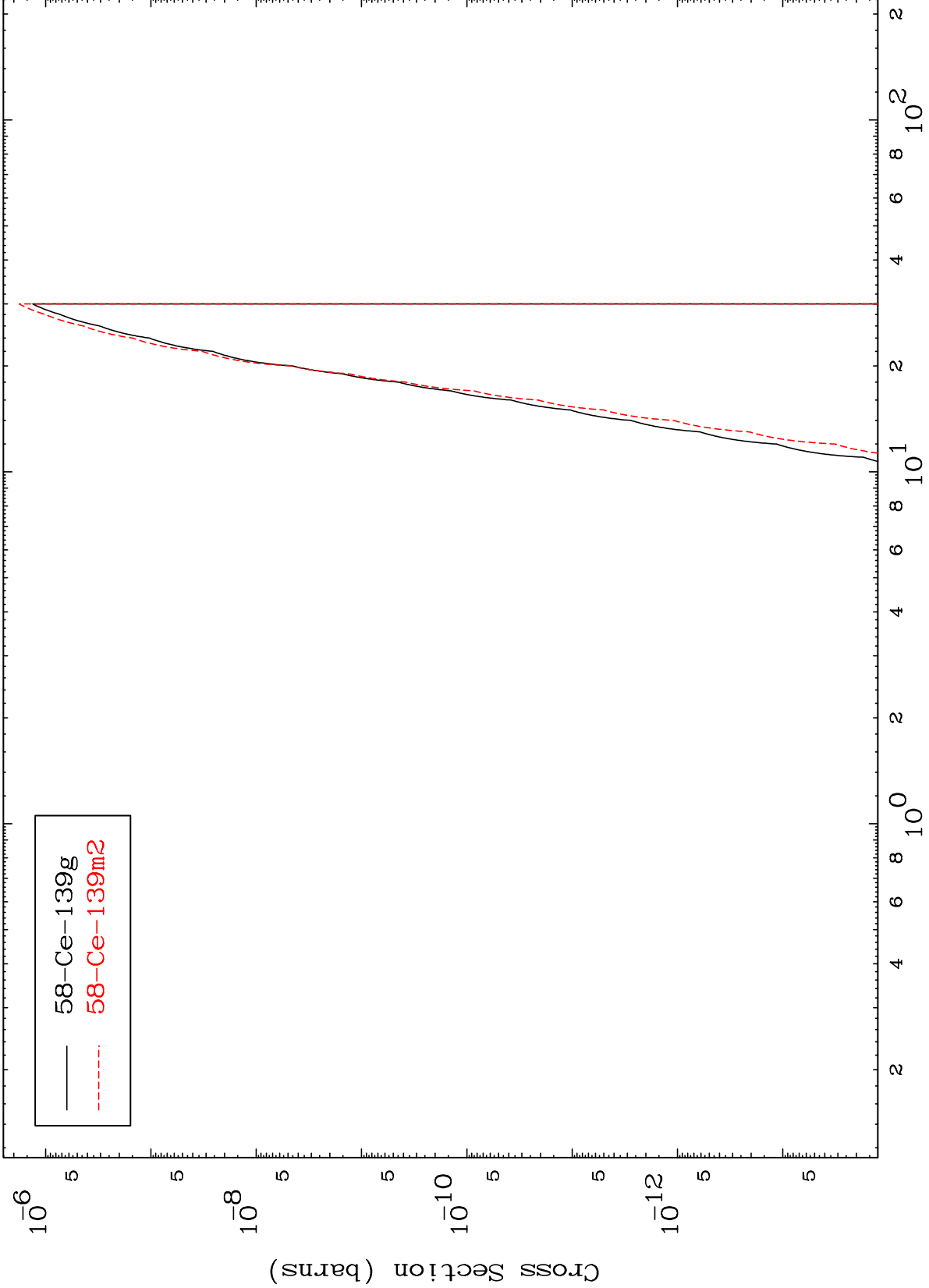
13

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(n,n') 2 α

61-Pm-146

Radionuclide Production Cross Section



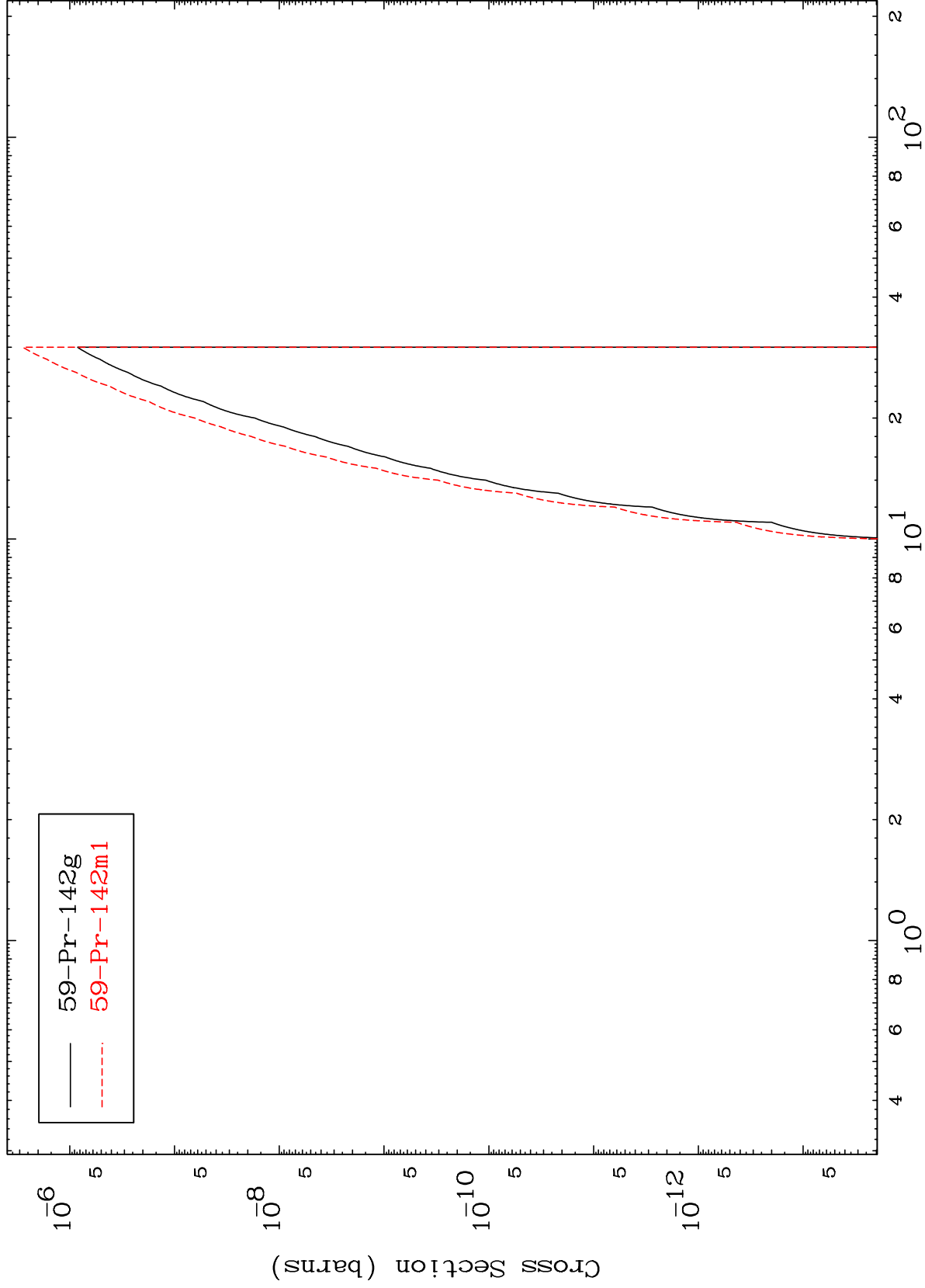
— 58-Ce-139g
- - - 58-Ce-139m2

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(n,n') p α

61-Pm-146

Radionuclide Production Cross Section



15

Incident Energy (MeV)

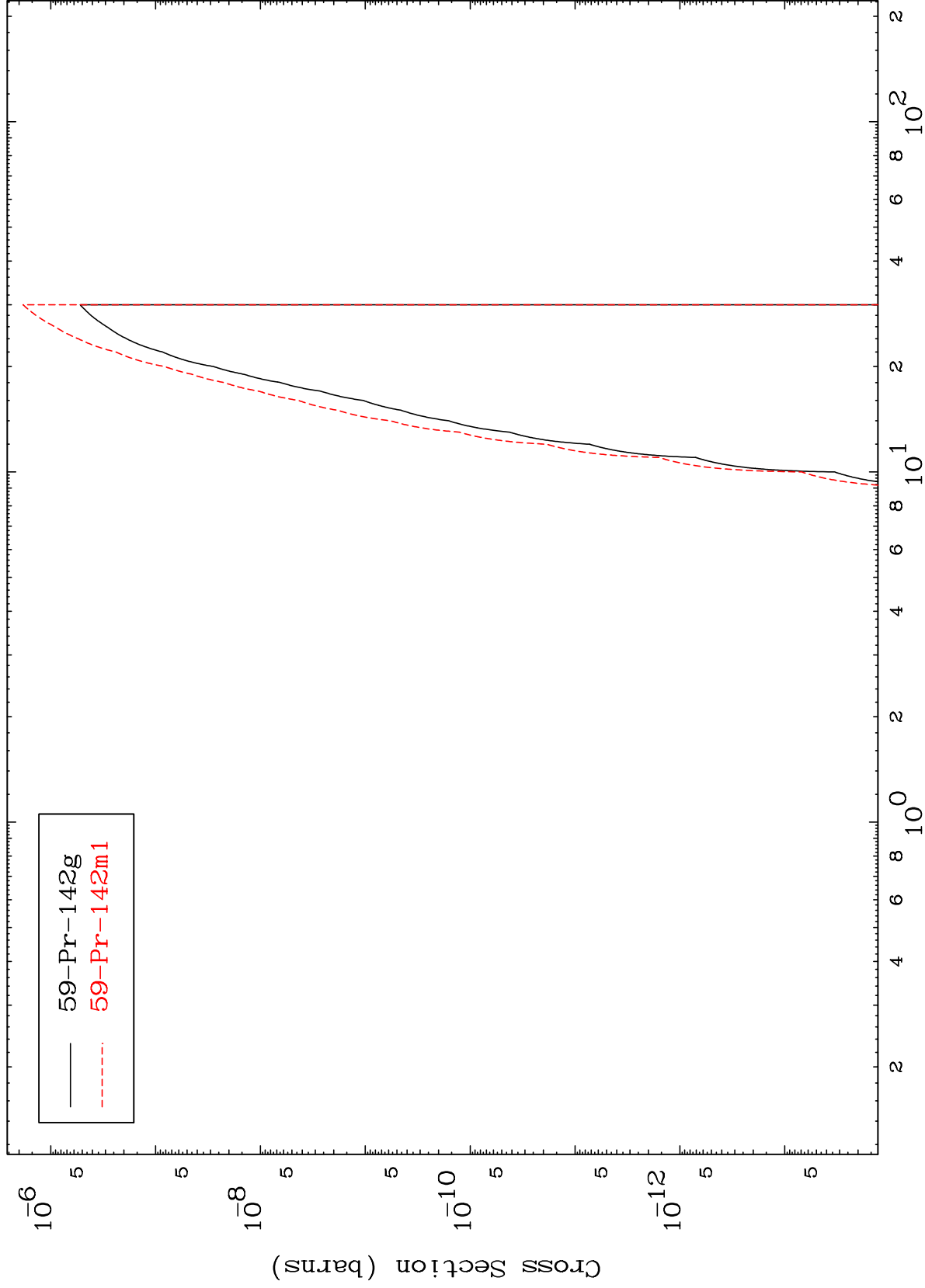
61-Pm-146

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(n,d) α

61-Pm-146

Radionuclide Production Cross Section



16

Incident Energy (MeV)

61-Pm-146