

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

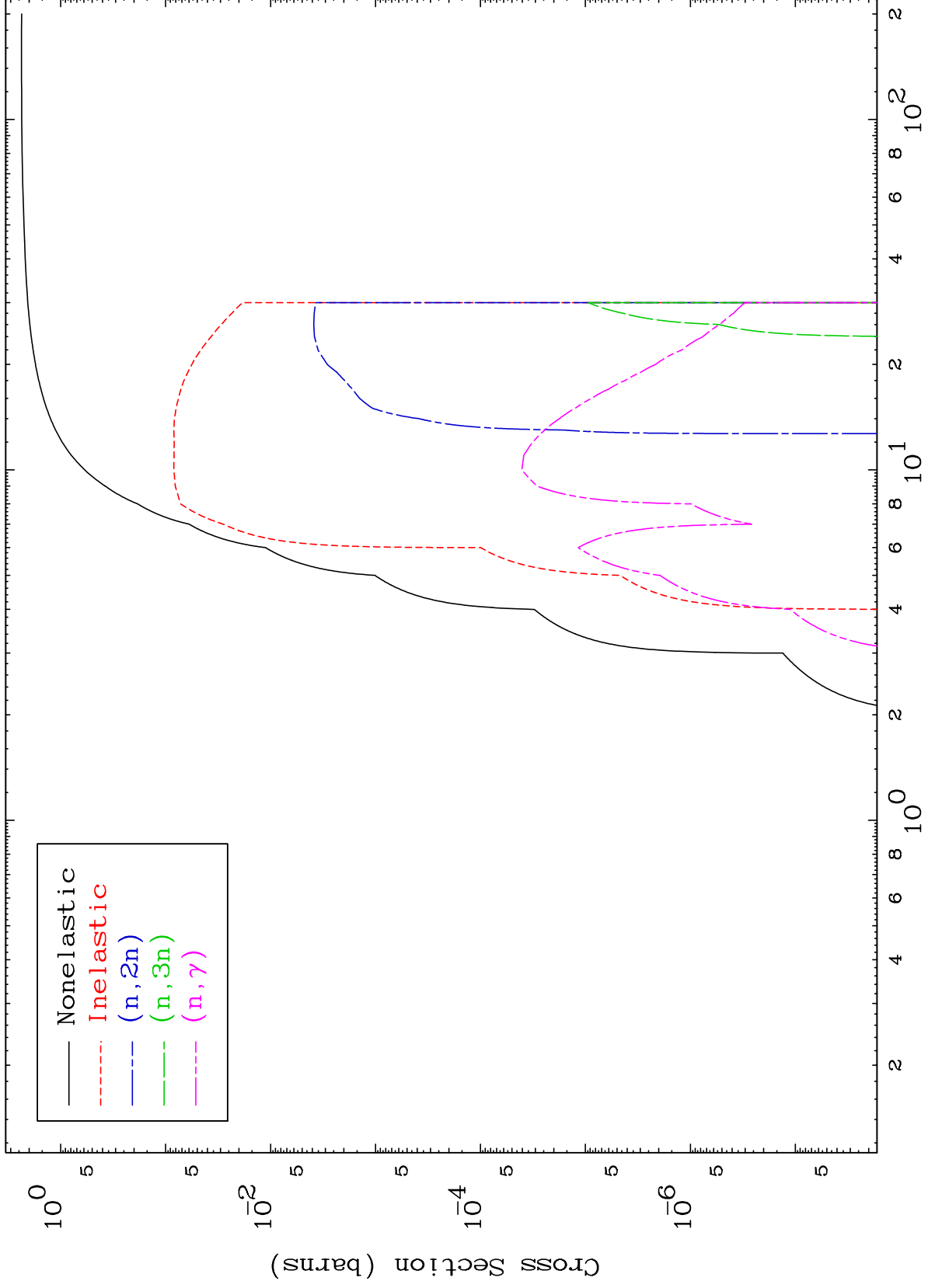
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1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

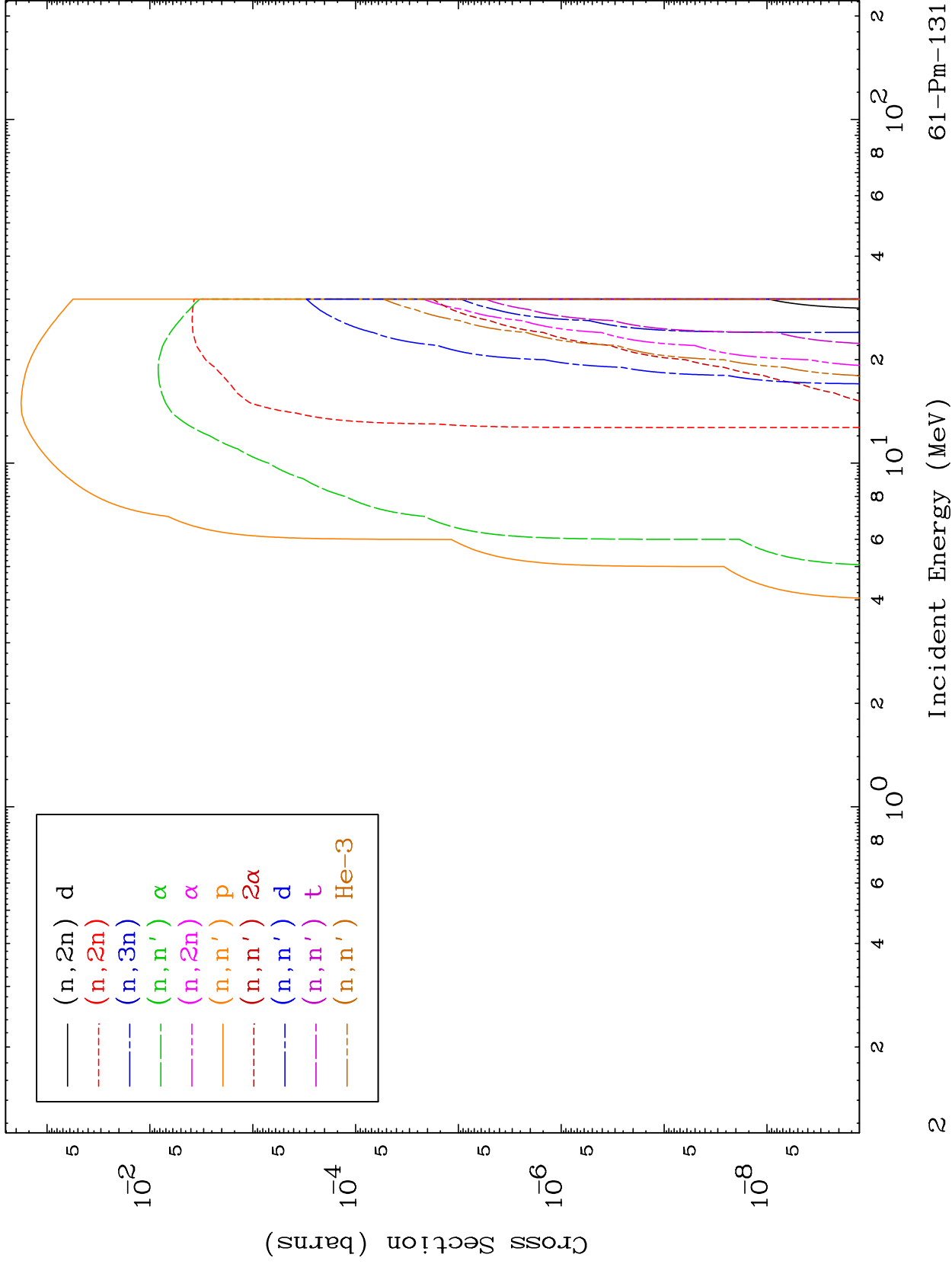
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

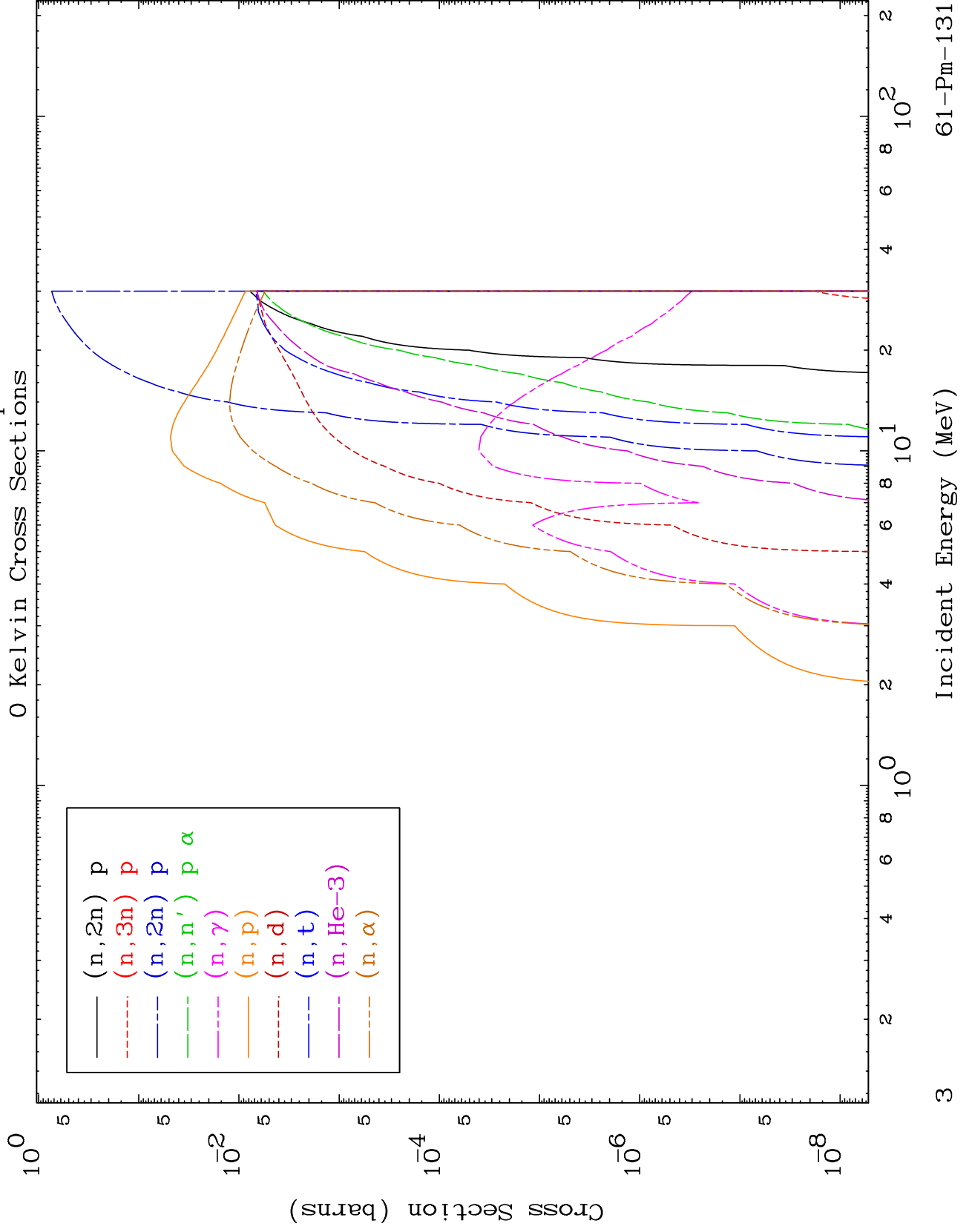




MAT 6101

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

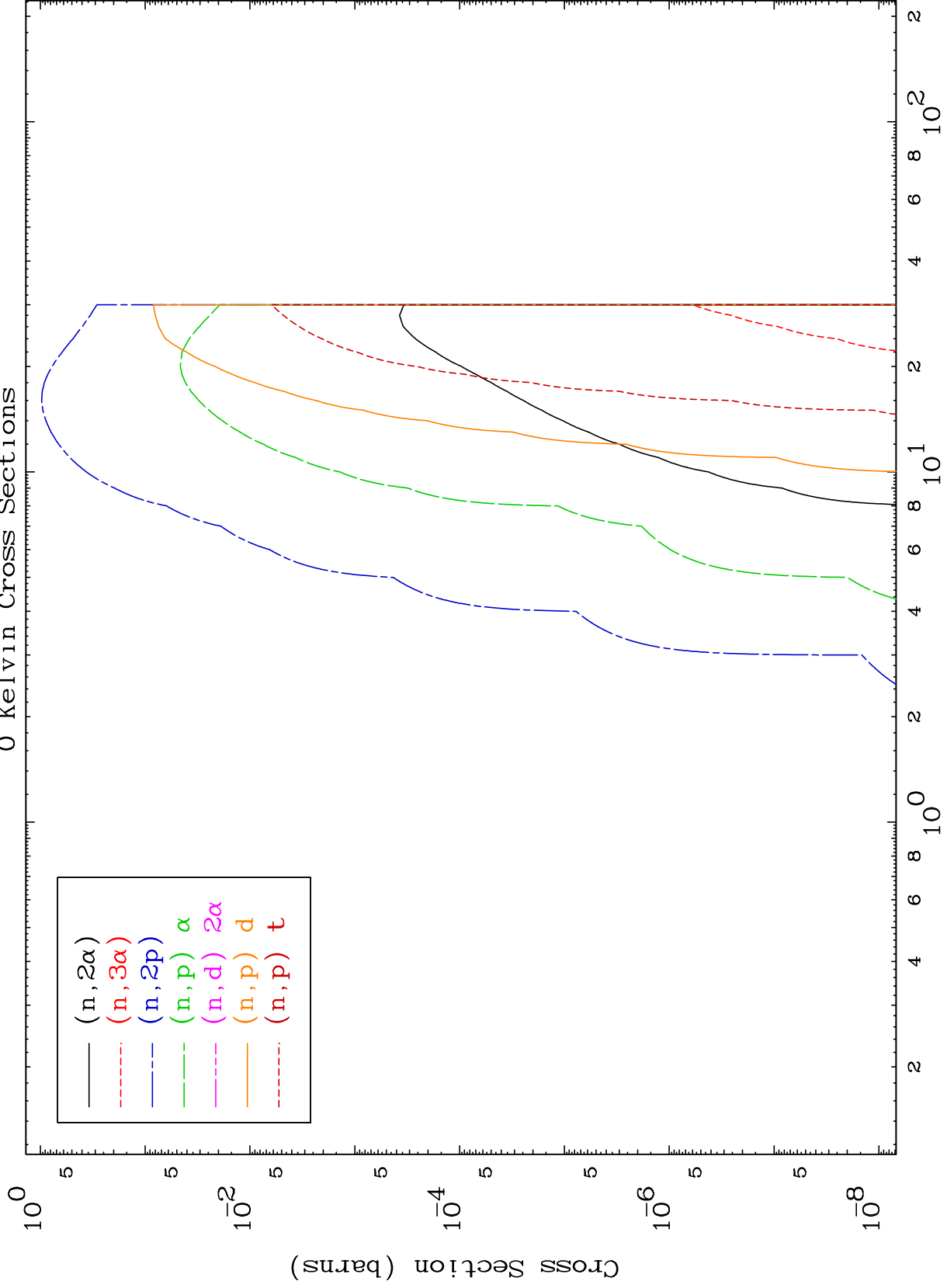
61-Pm-131

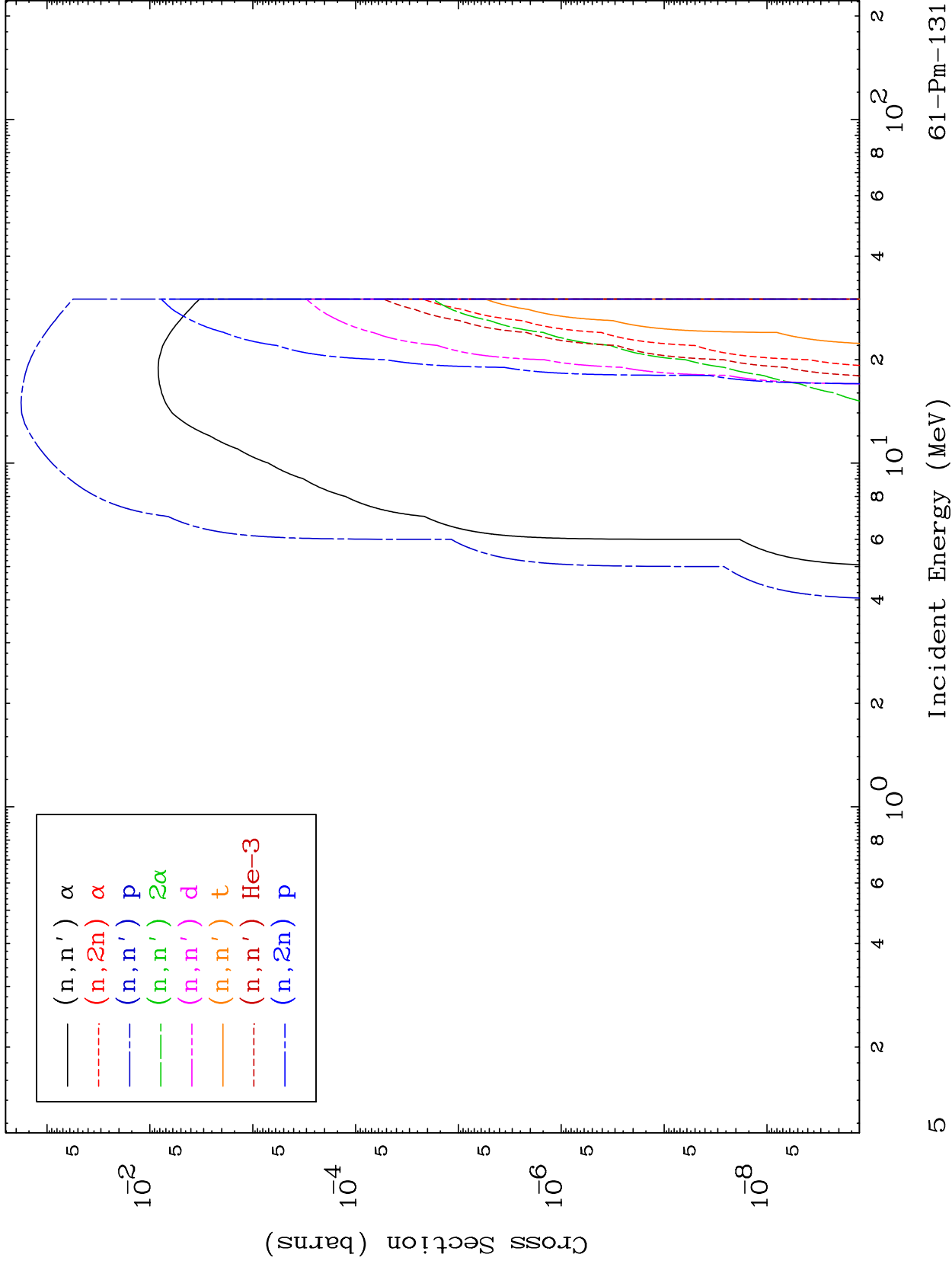


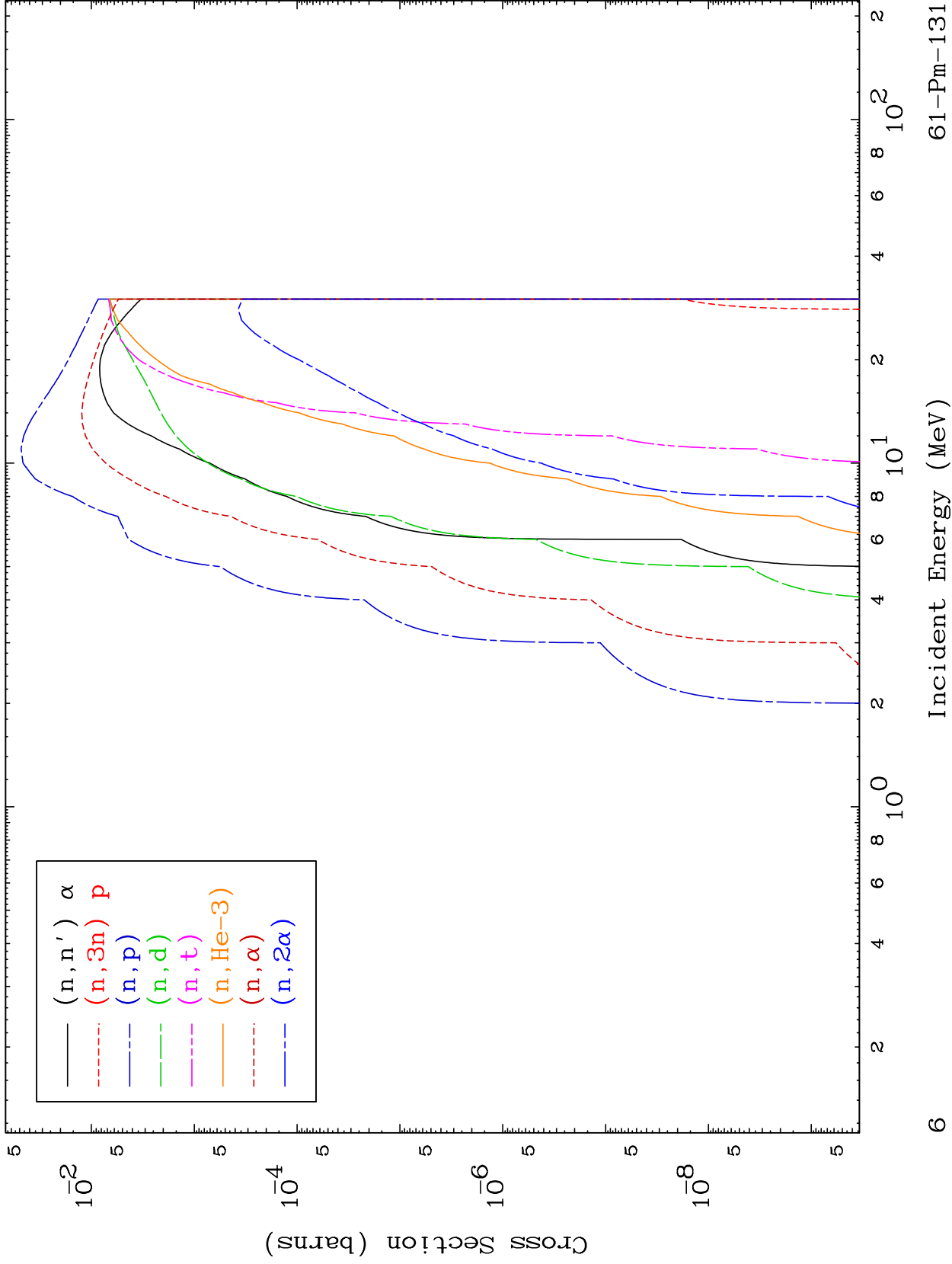
MAT 6101

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-131



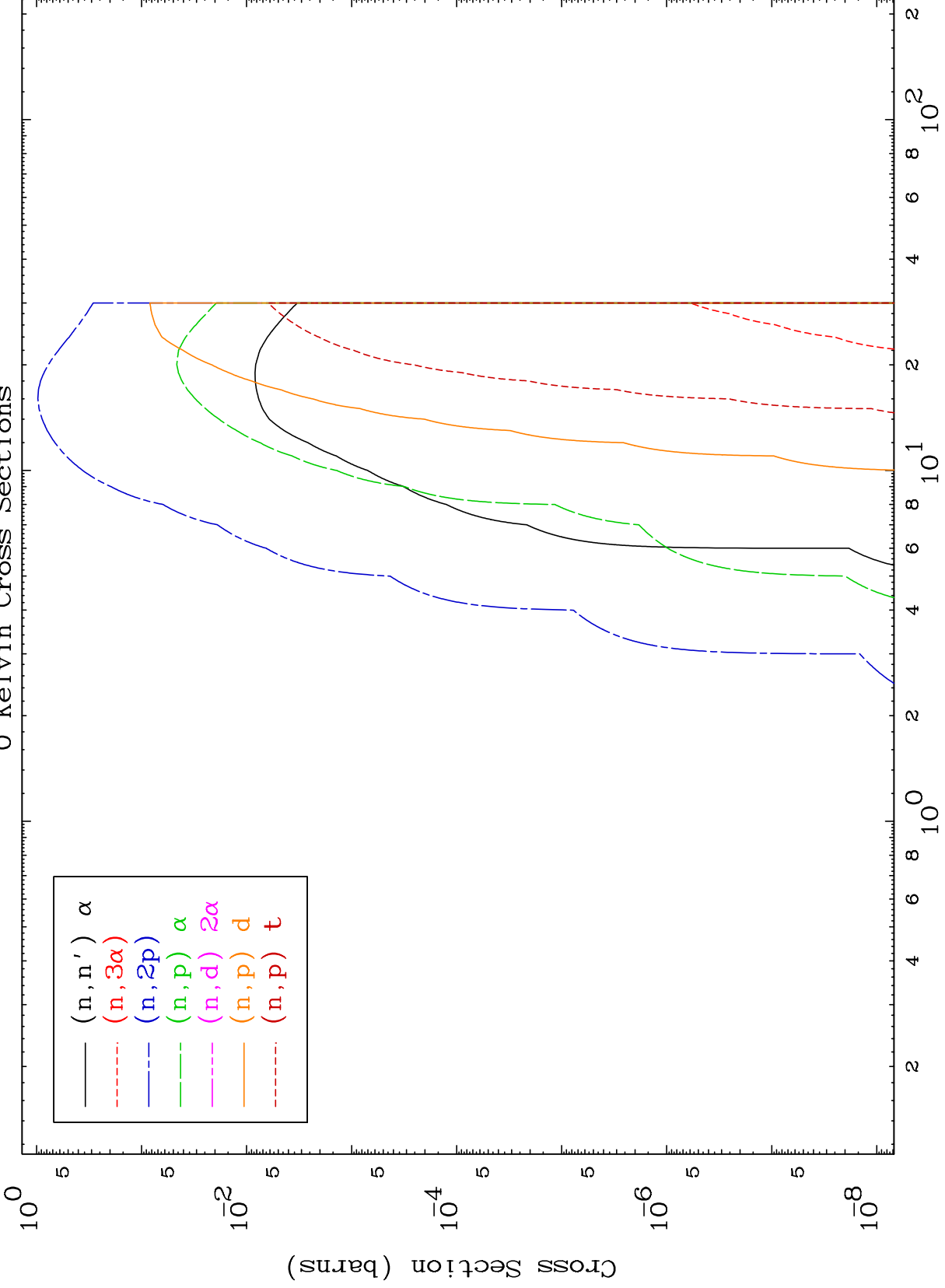




MAT 6101

Deuteron Charged Particle  
0 Kelvin Cross Sections

61-Pm-131

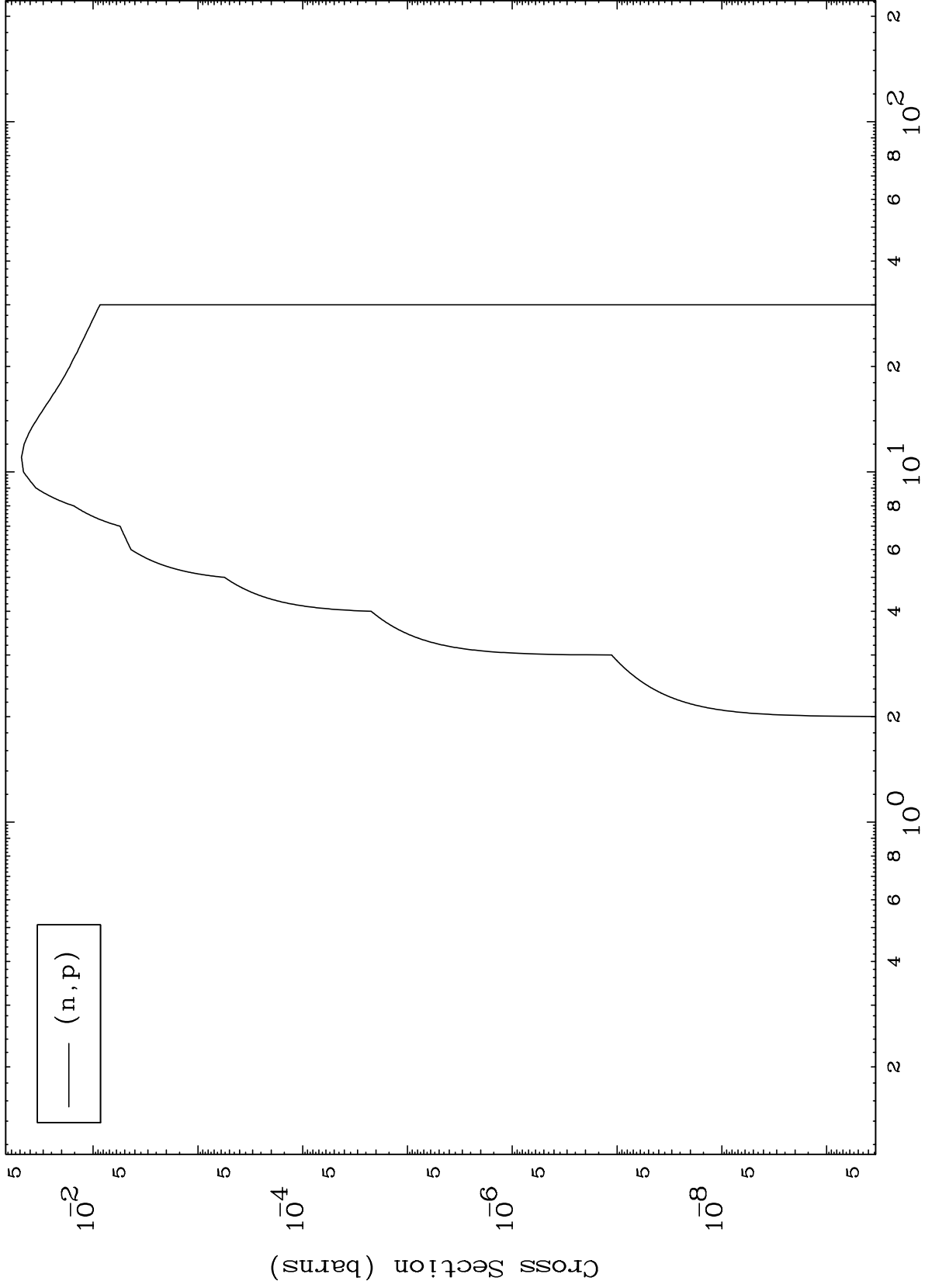


MAT 6101

(d,p) Levels

61-Pm-131

0 Kelvin Cross Sections

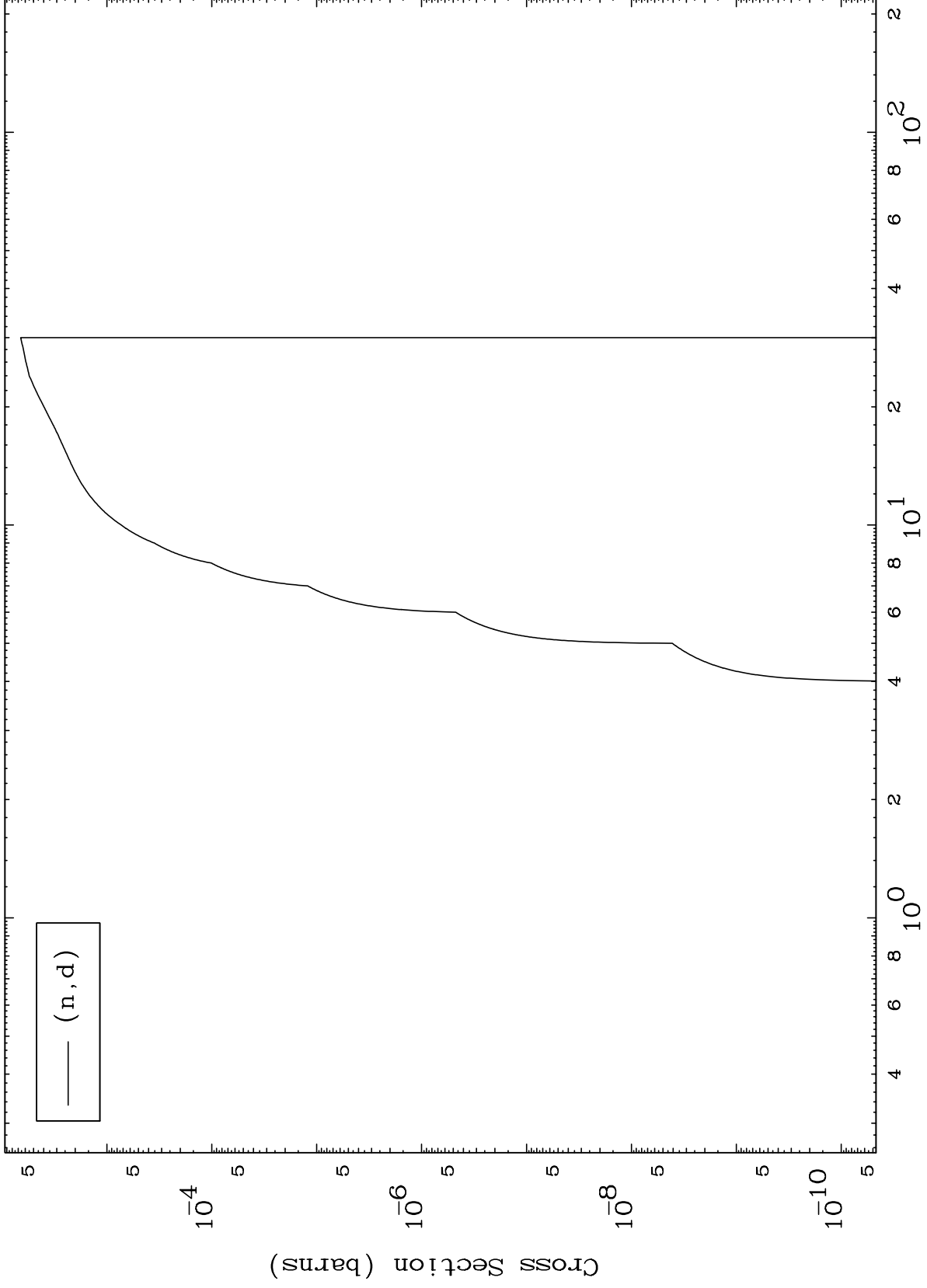


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(d,d) Levels

61-Pm-131

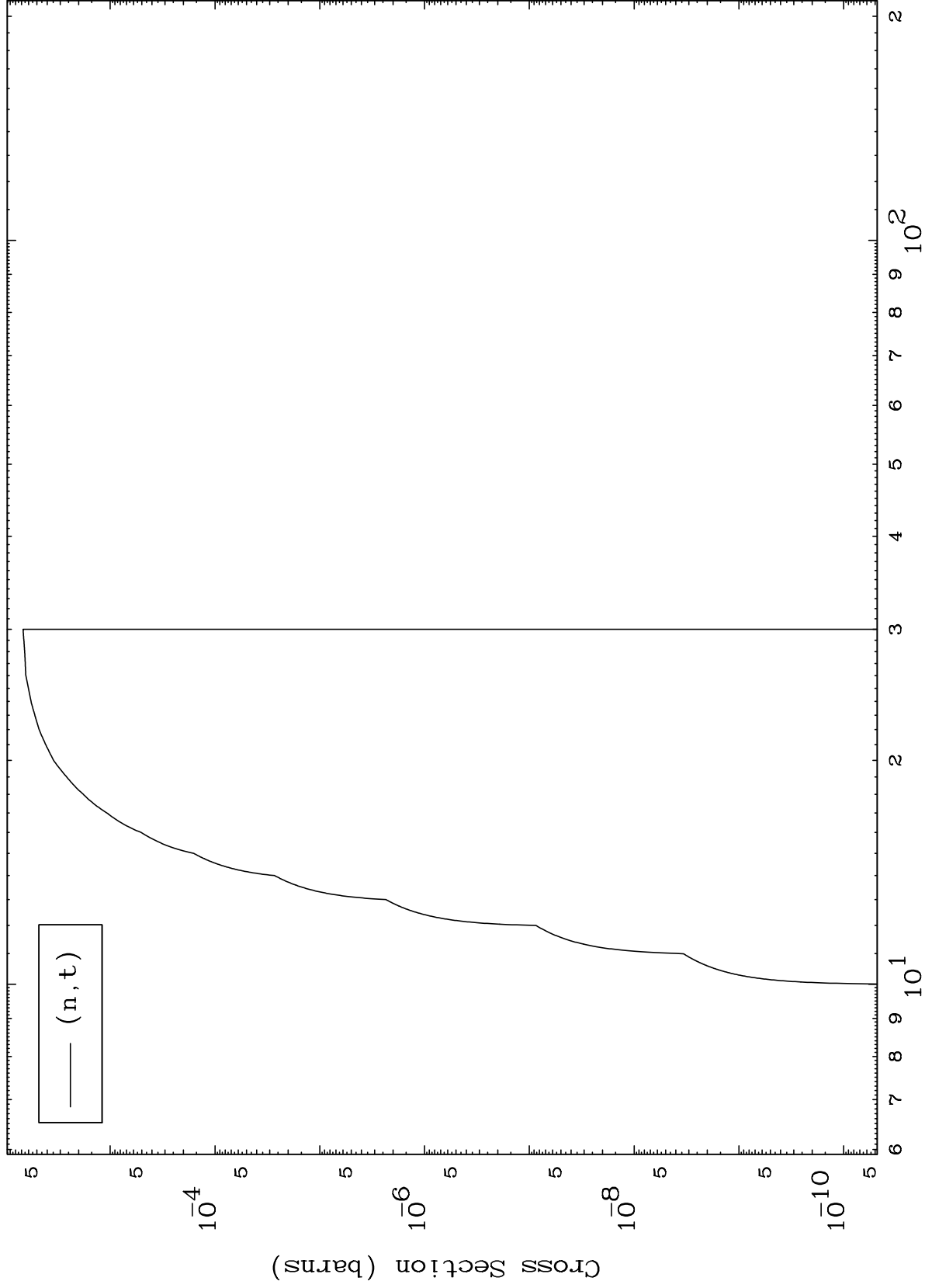
0 Kelvin Cross Sections



MAT 6101

(d, t) Levels  
0 Kelvin Cross Sections

61-Pm-131



10

Incident Energy (MeV)

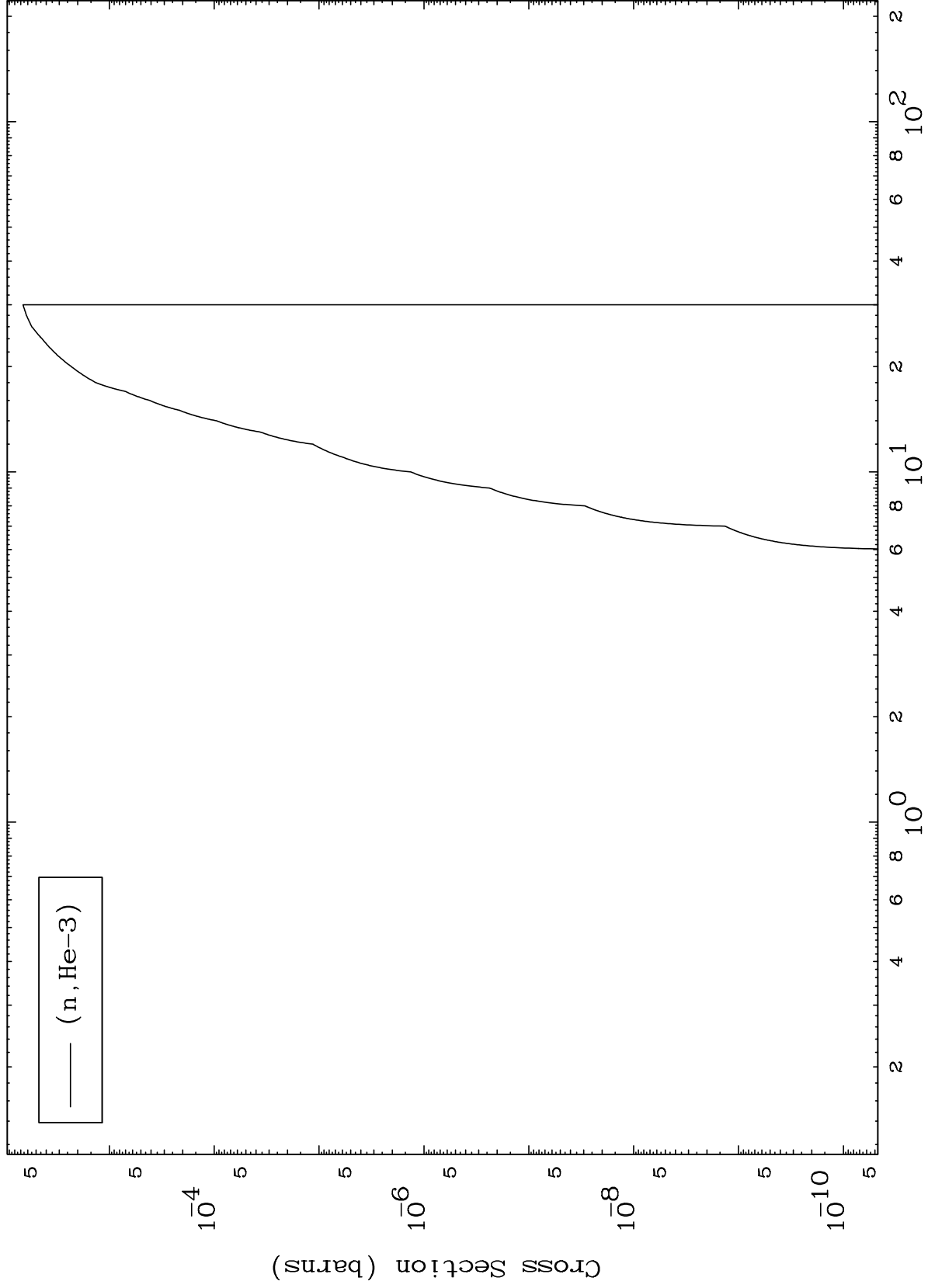
61-Pm-131

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(d,He3) Levels

61-Pm-131

0 Kelvin Cross Sections

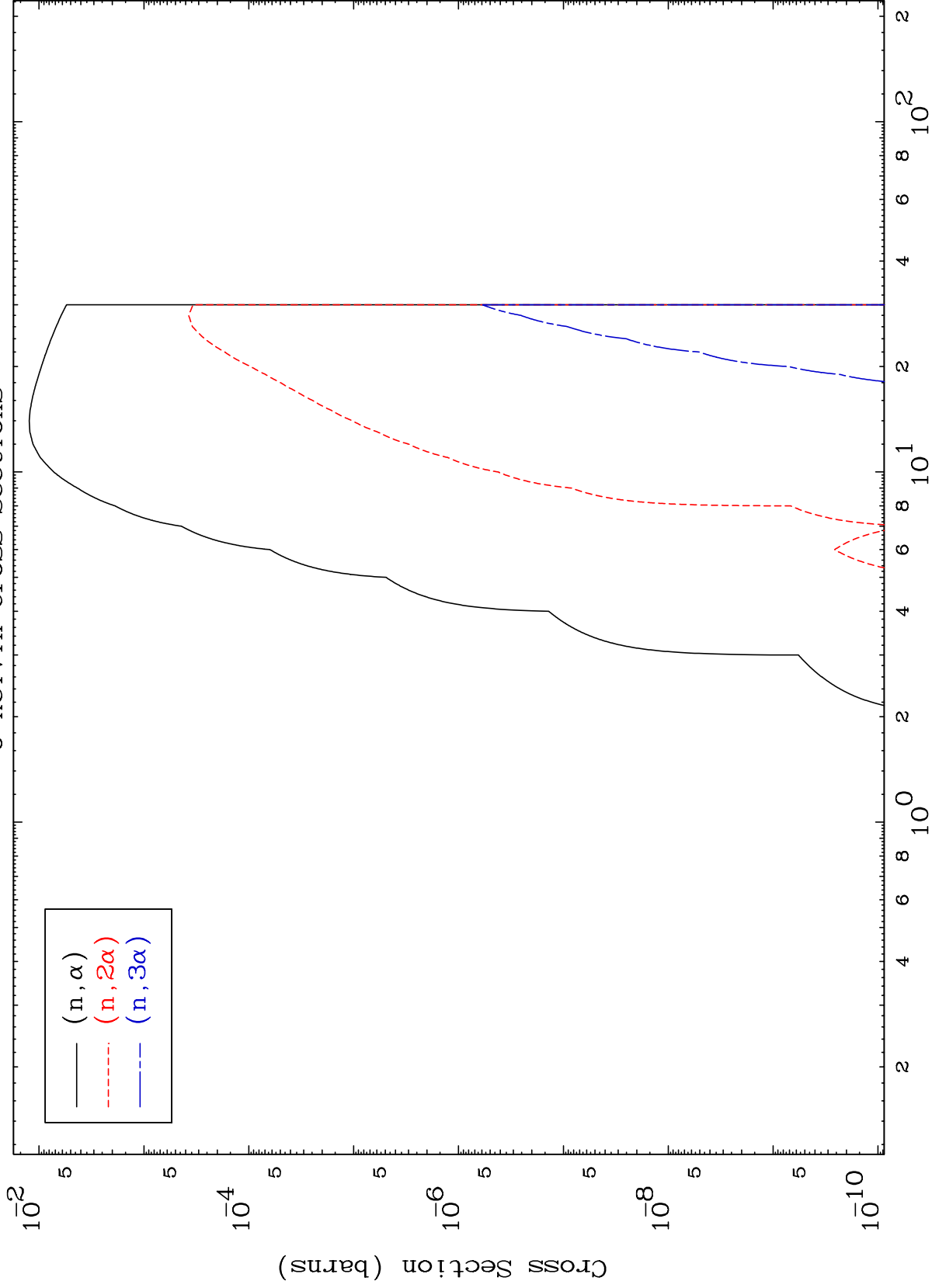


MAT 6101

(d,  $\alpha$ ) Levels

61-Pm-131

0 Kelvin Cross Sections



12

Incident Energy (MeV)

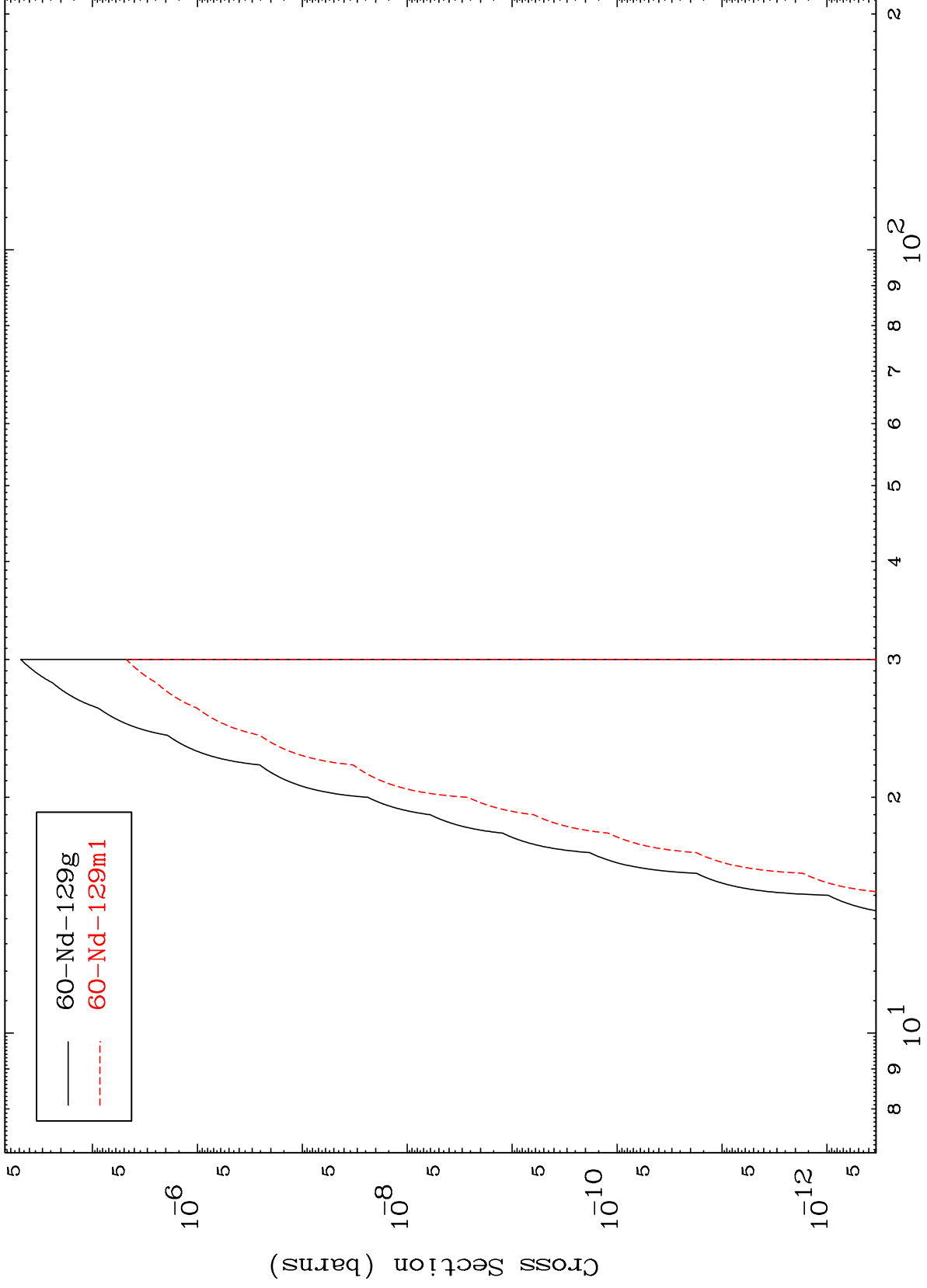
61-Pm-131

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(n,n') He-3

61-Pm-131

Radionuclide Production Cross Section



13

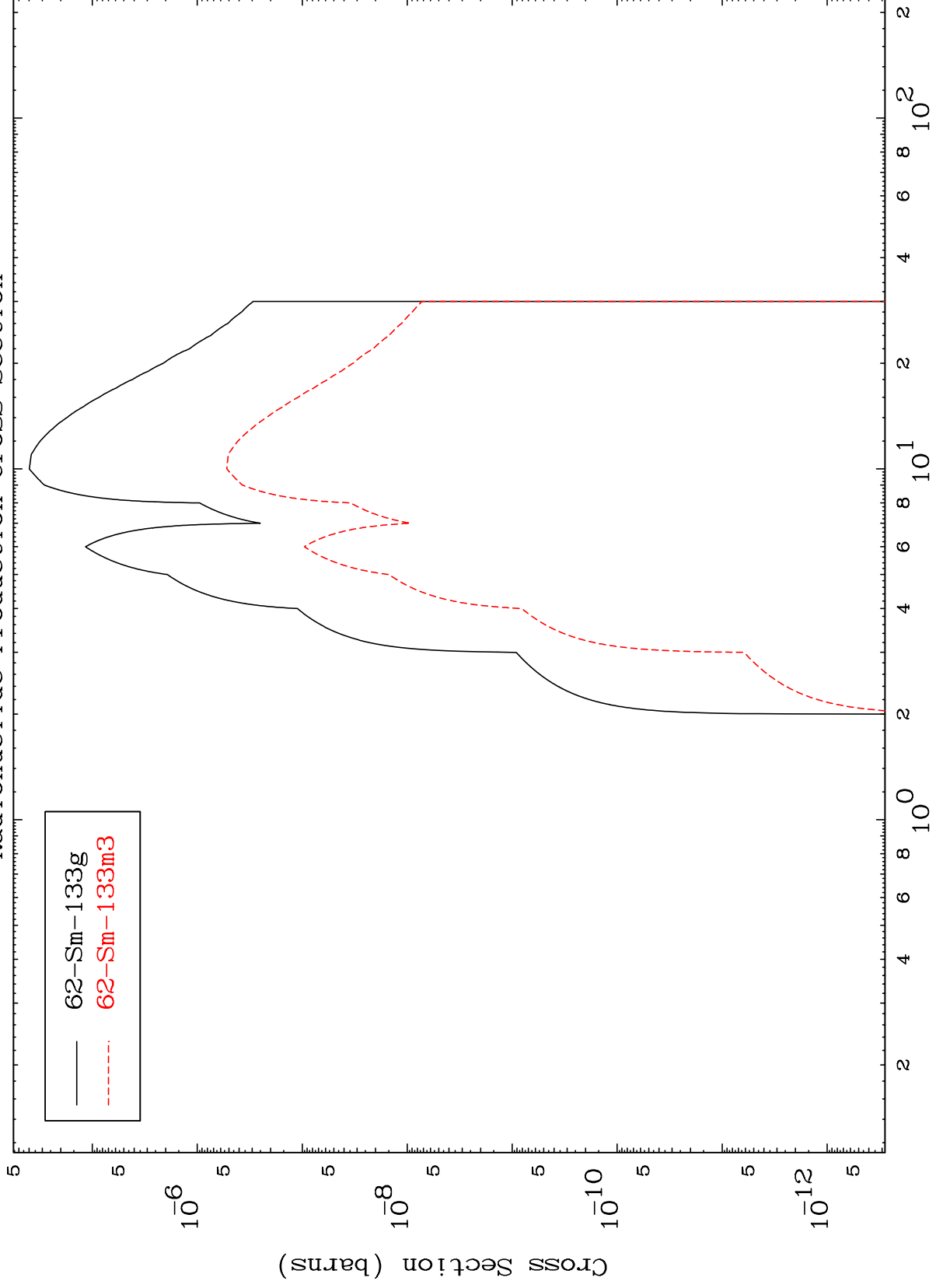
Incident Energy (MeV)

61-Pm-131

MAT 6101

61-Pm-131

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



14

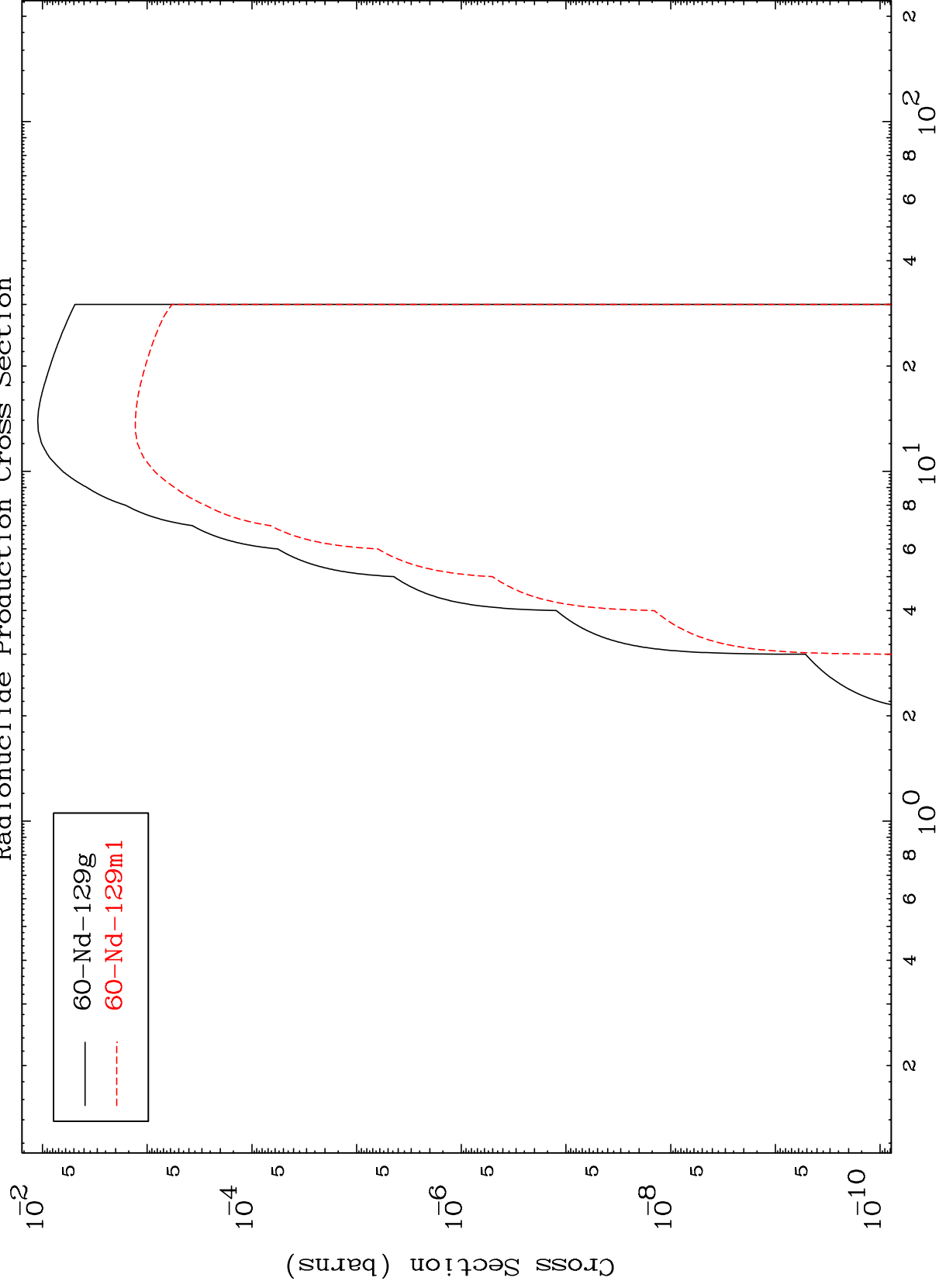
61-Pm-131

Incident Energy (MeV)

MAT 6101

61-Pm-131

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



60-Nd-129g  
60-Nd-129m1

61-Pm-131

Incident Energy (MeV)

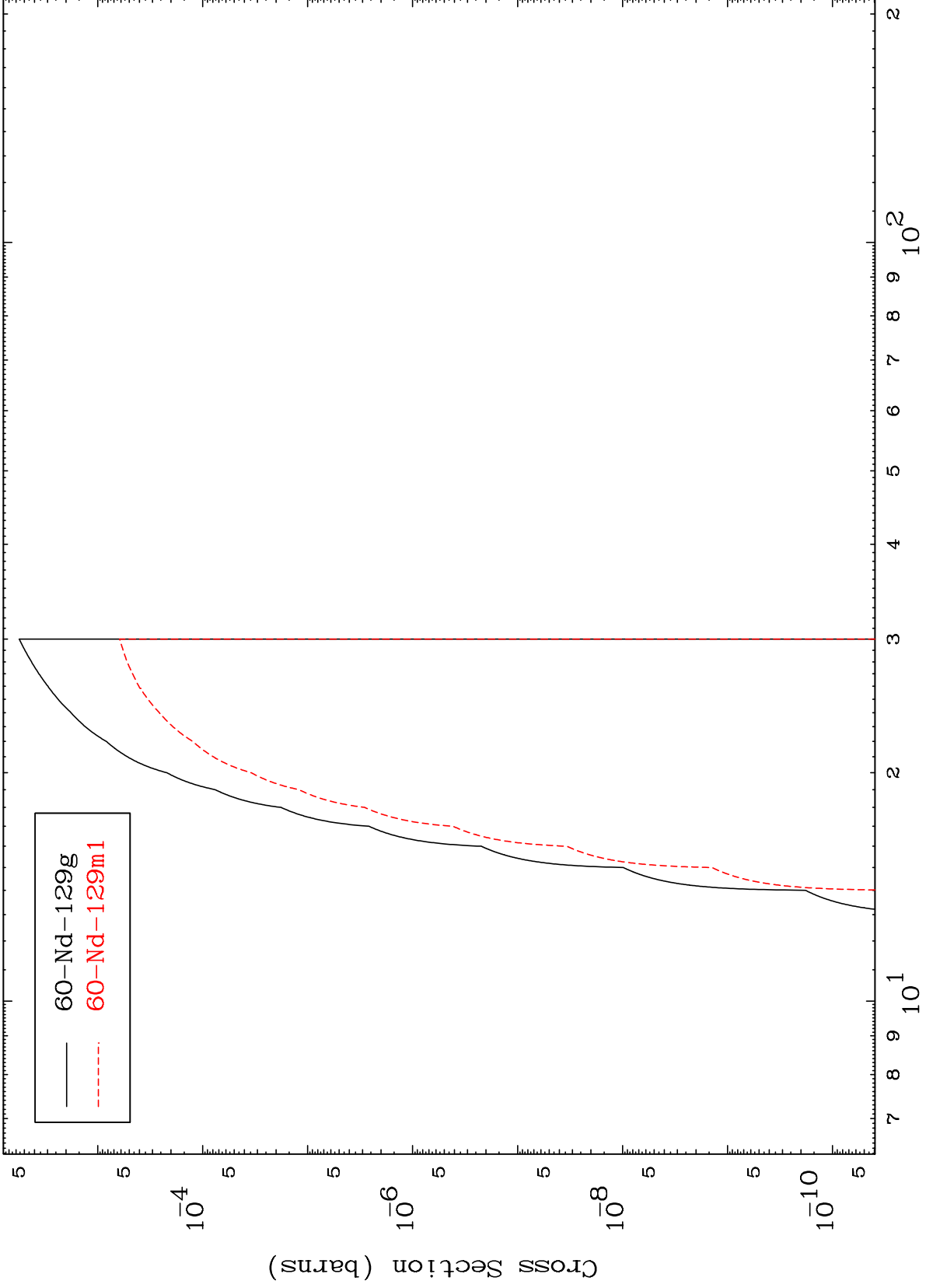
15

MAT 6101

(n,p) t

61-Pm-131

Radionuclide Production Cross Section



16

Incident Energy (MeV)

61-Pm-131