

Program EVALPLOT  
(Version 2021-1)

by

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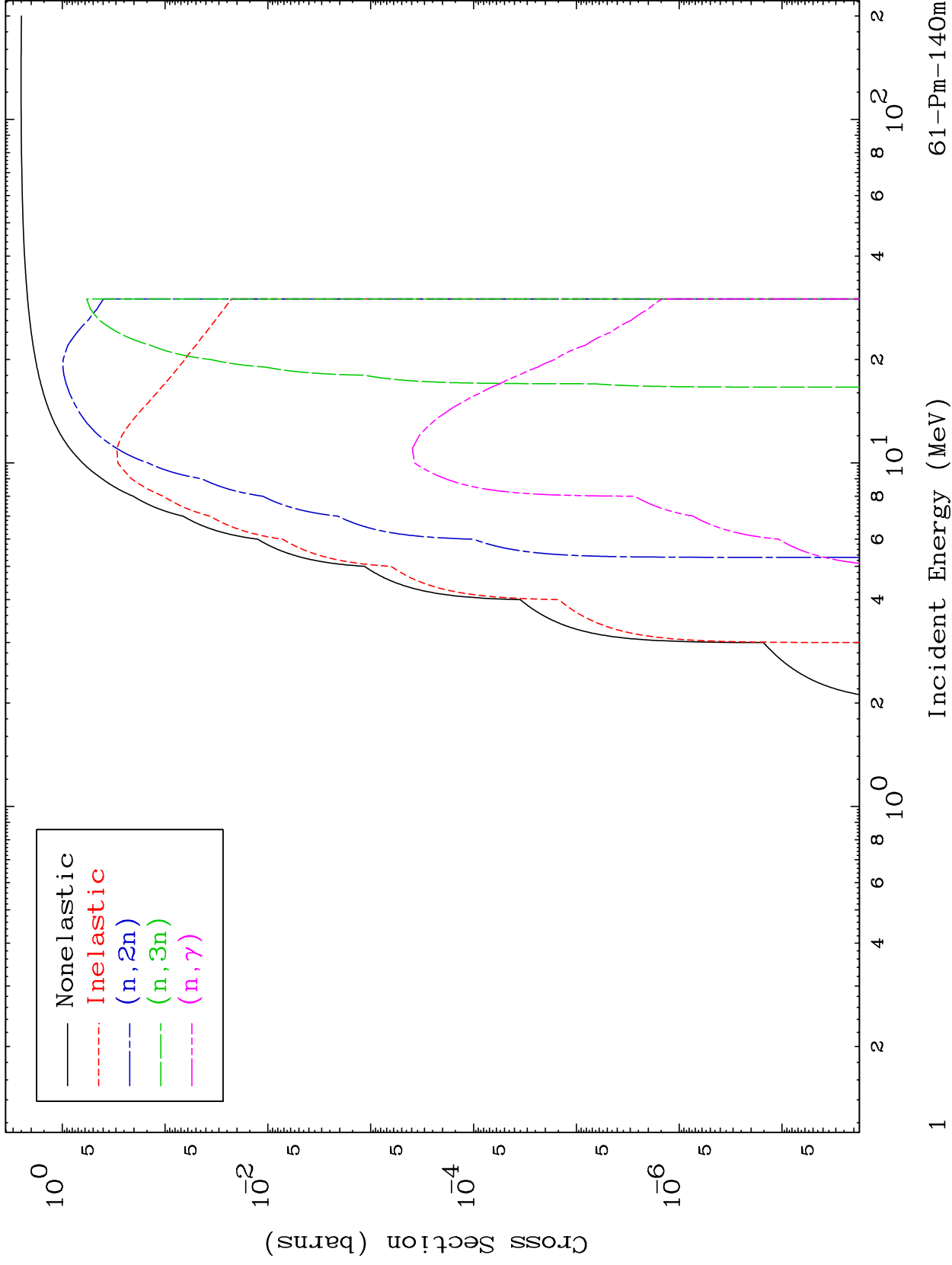
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6129

Deuteron Major  
0 Kelvin Cross Sections

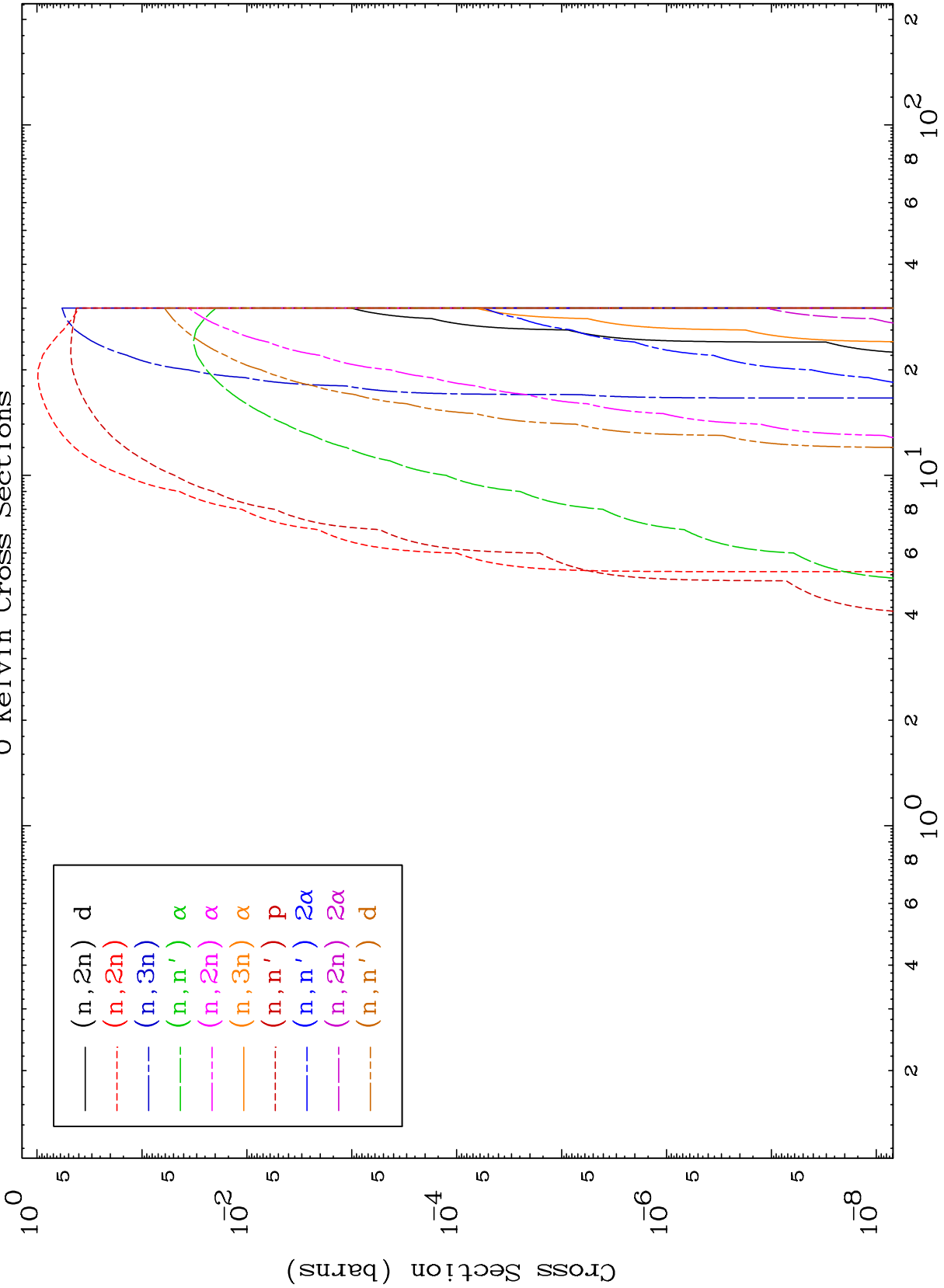
61-Pm-140m



MAT 6129

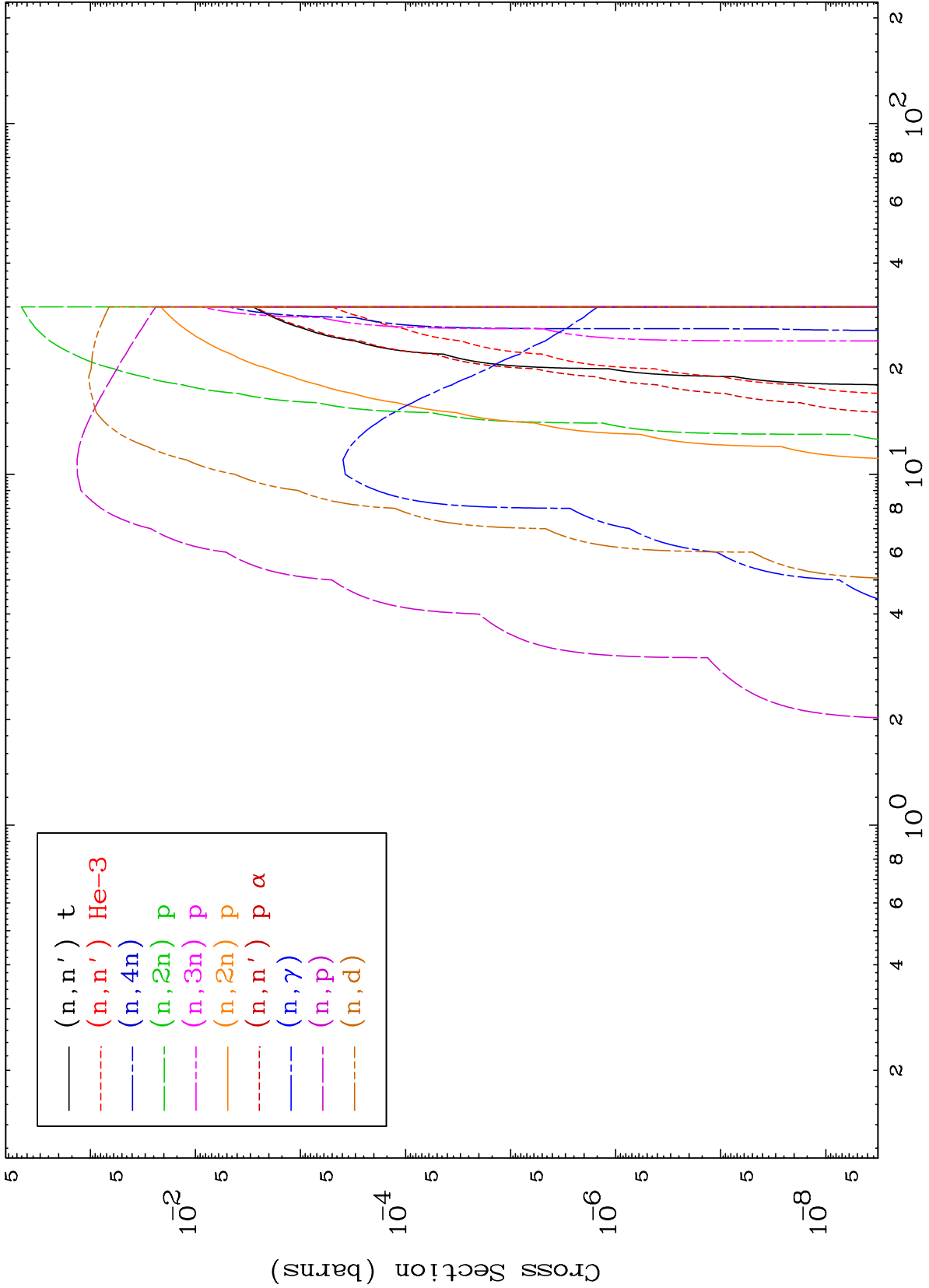
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

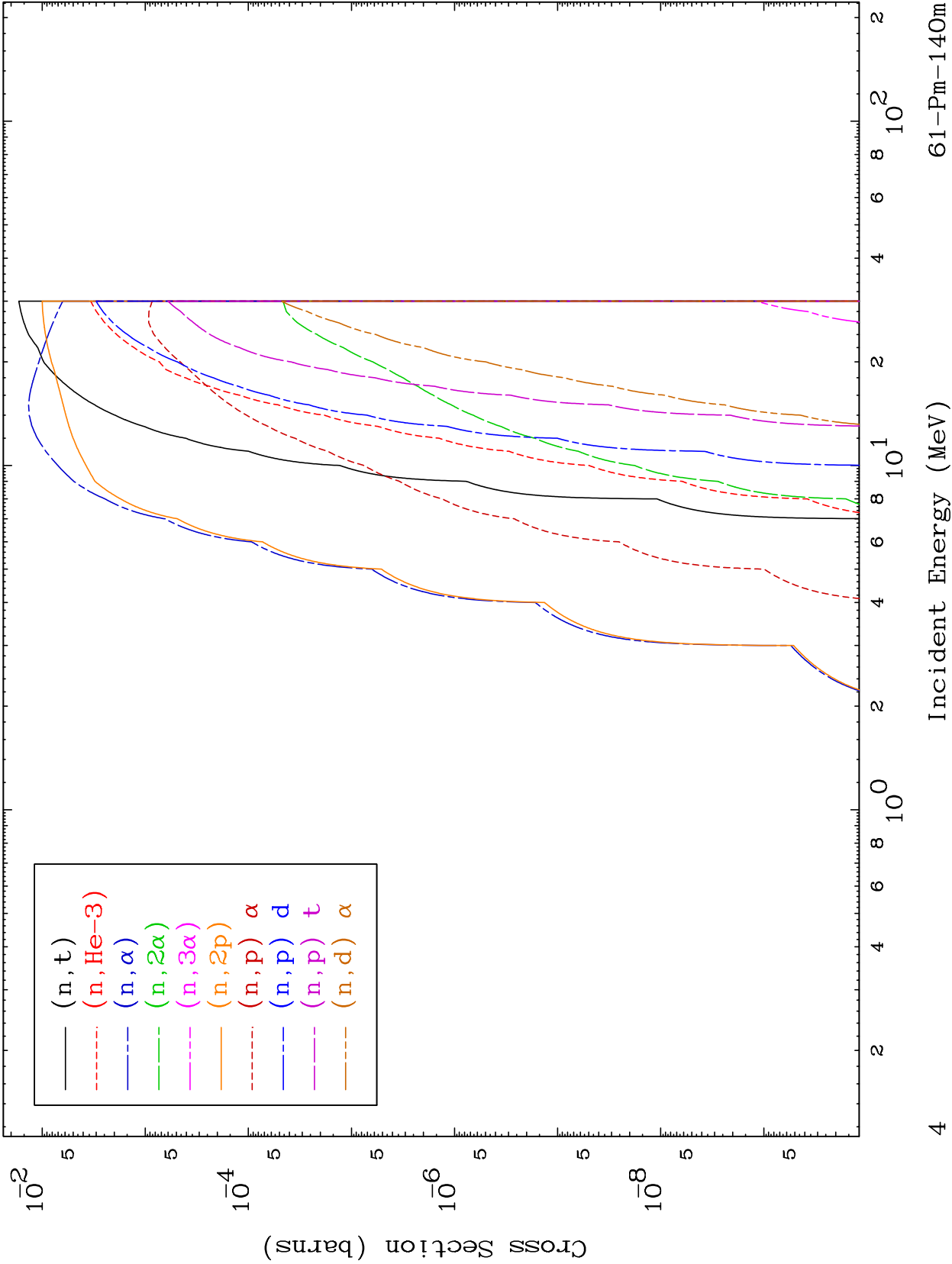
61-Pm-140m

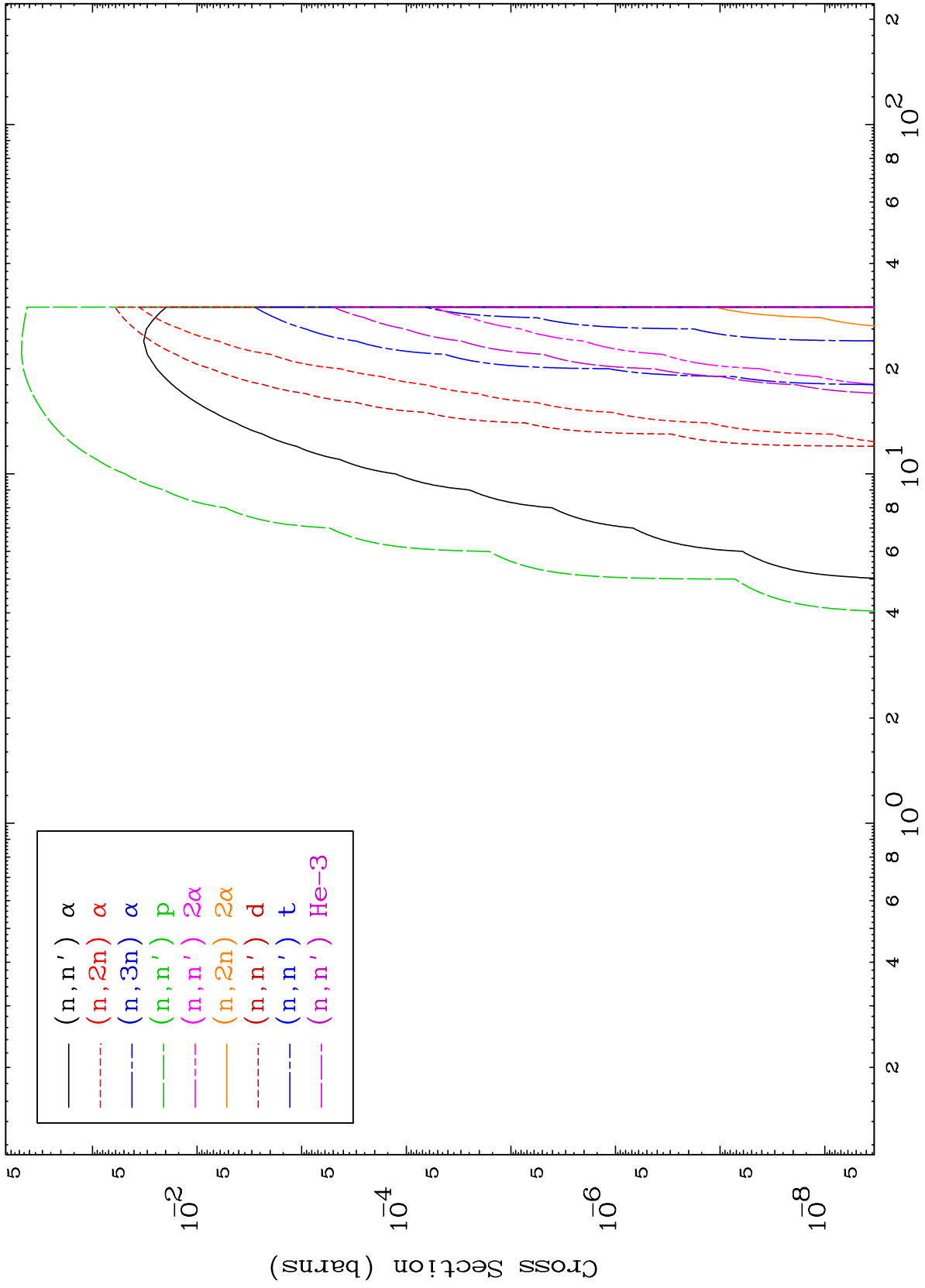


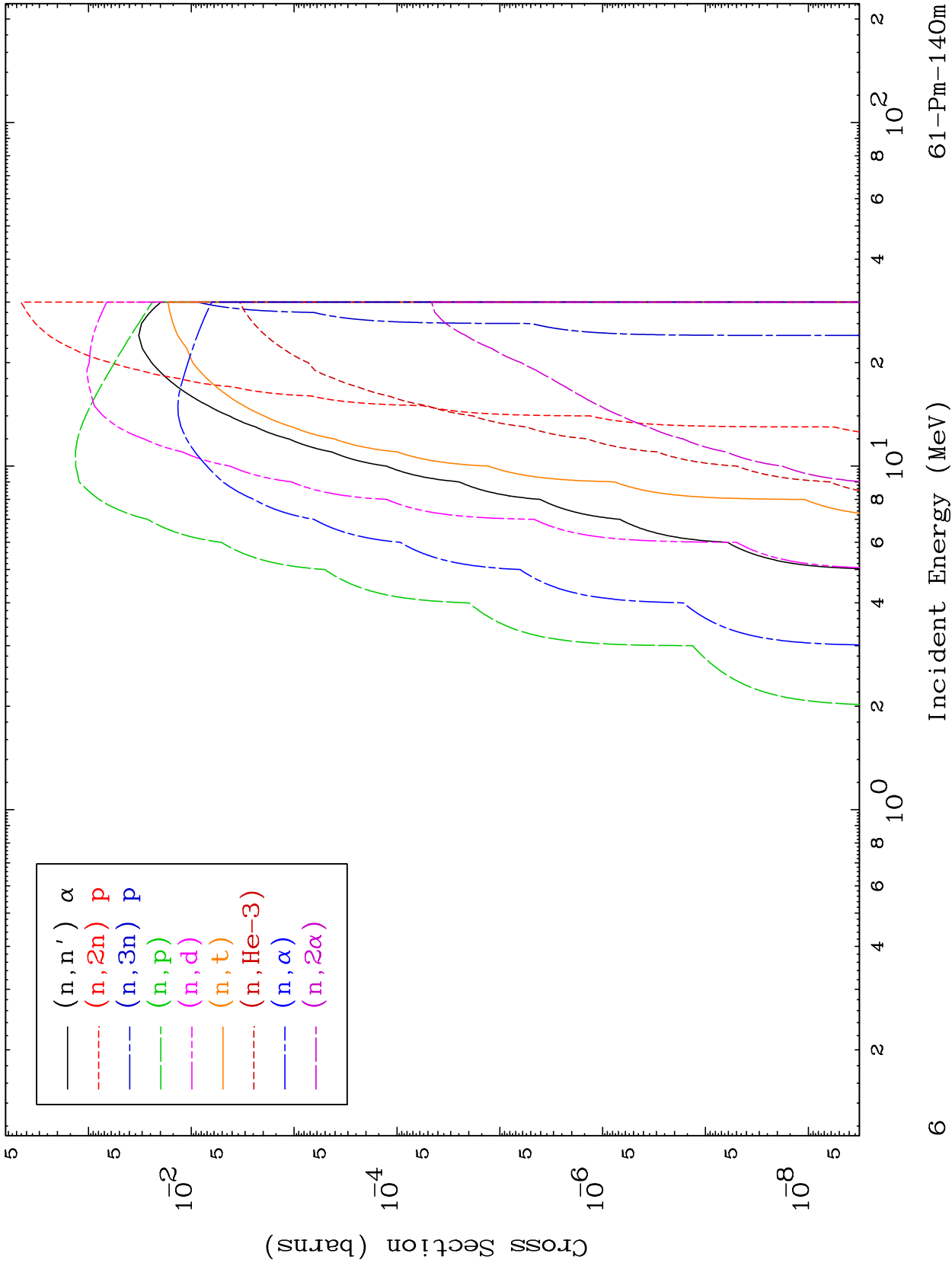
Incident Energy (MeV)

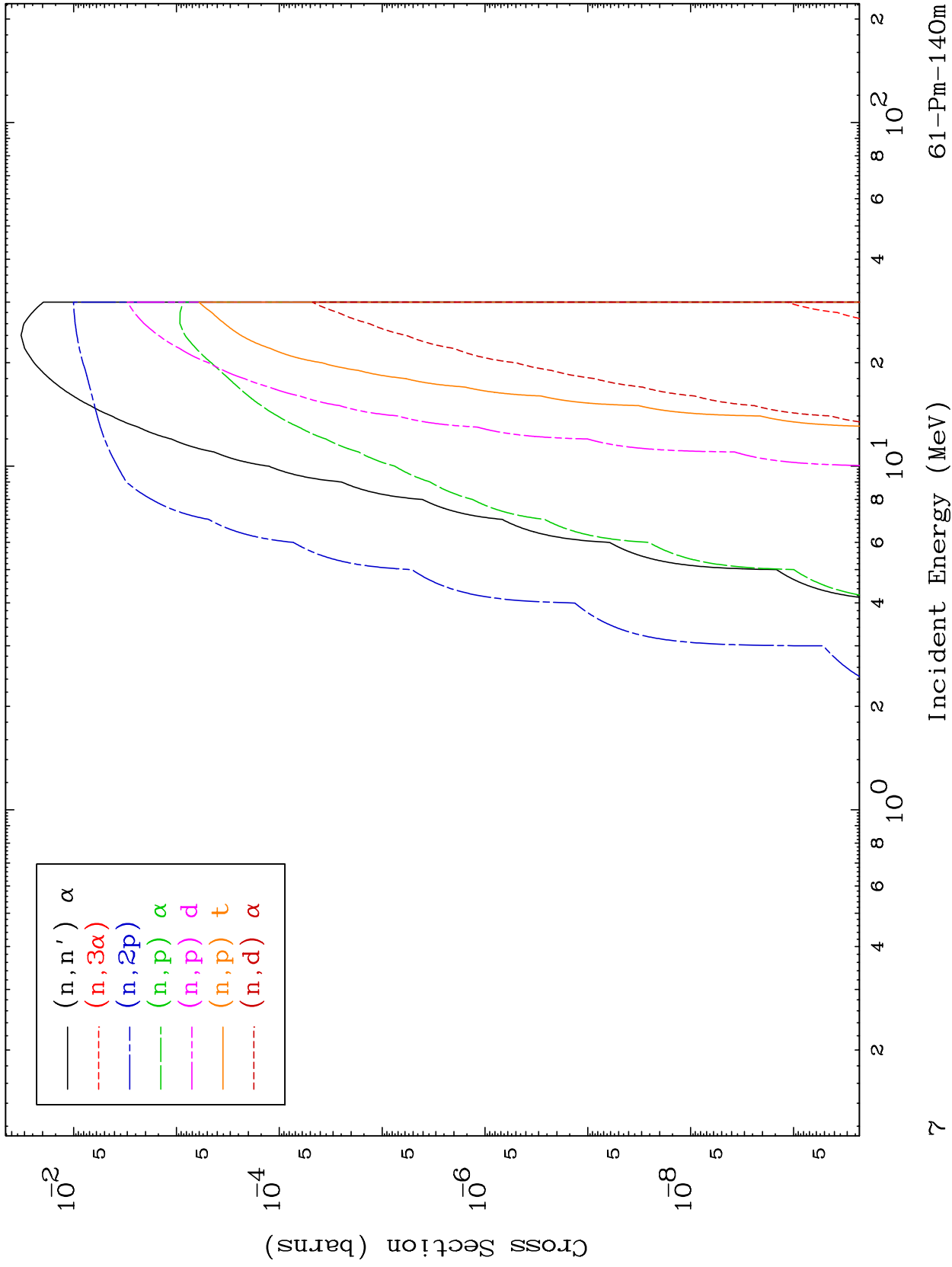
61-Pm-140m









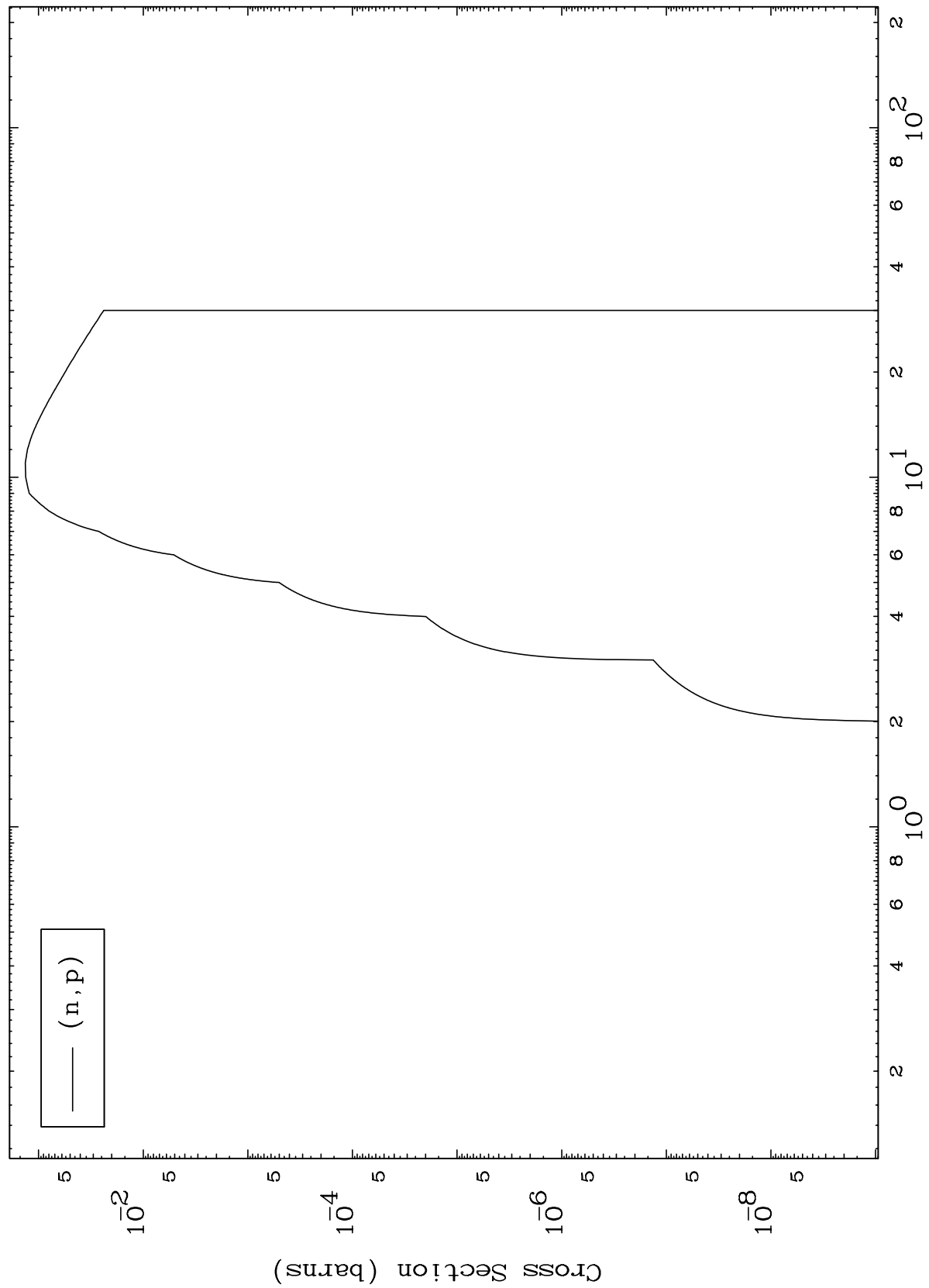




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61-Pm-140m

(d,p) Levels  
0 Kelvin Cross Sections

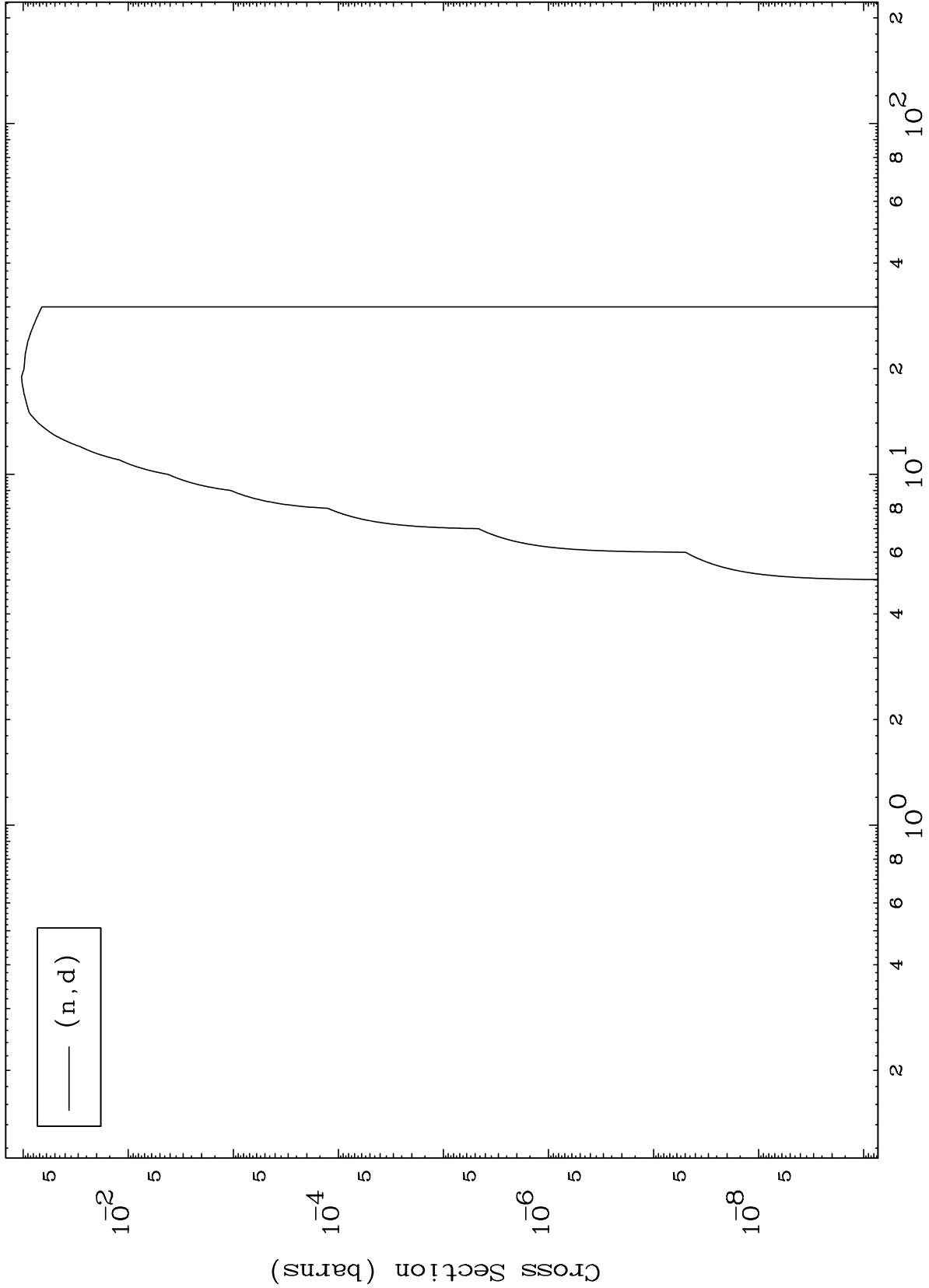


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(d,d) Levels

61-Pm-140m

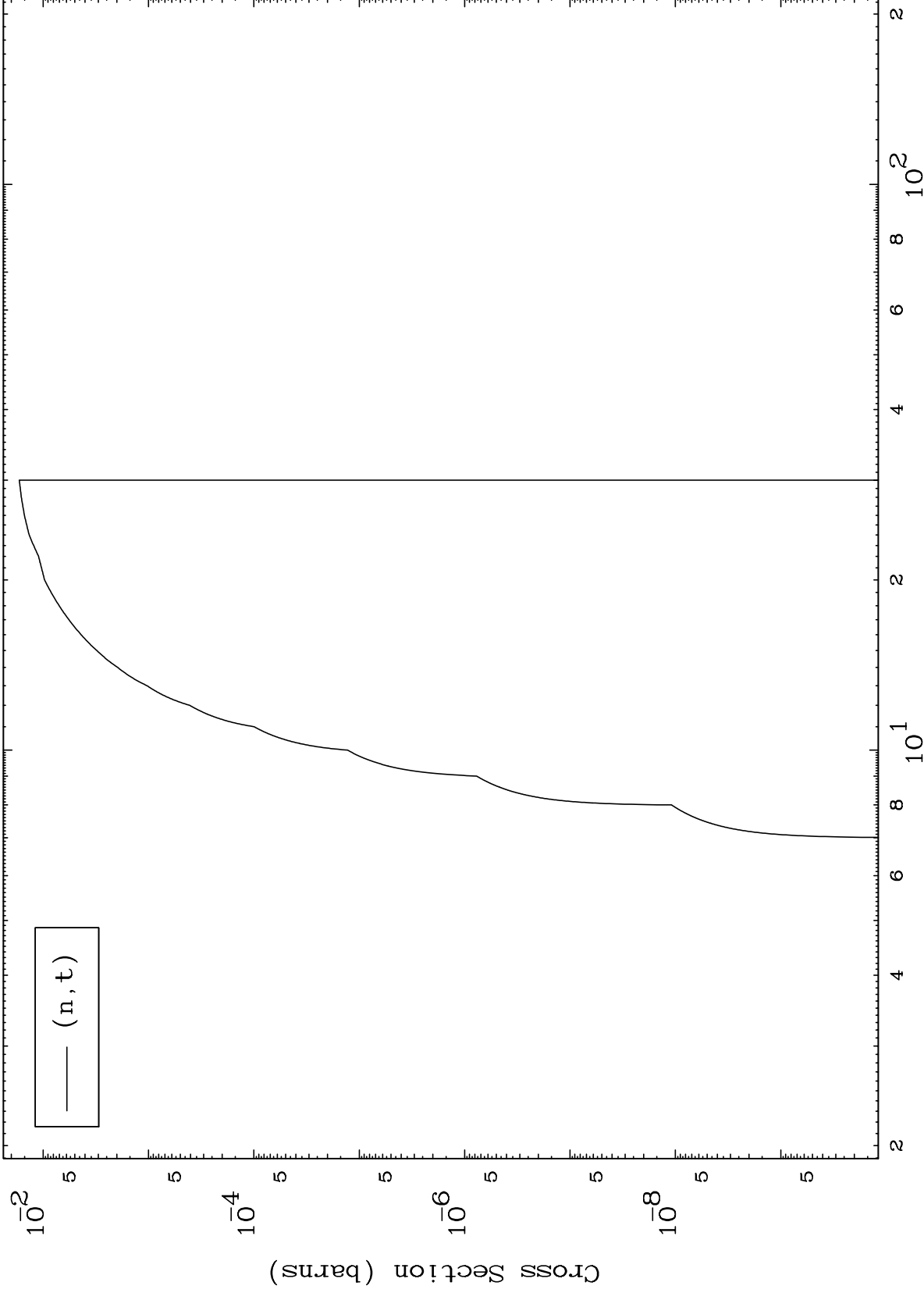
0 Kelvin Cross Sections



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(d,t) Levels  
0 Kelvin Cross Sections

61-Pm-140m



10

Incident Energy (MeV)

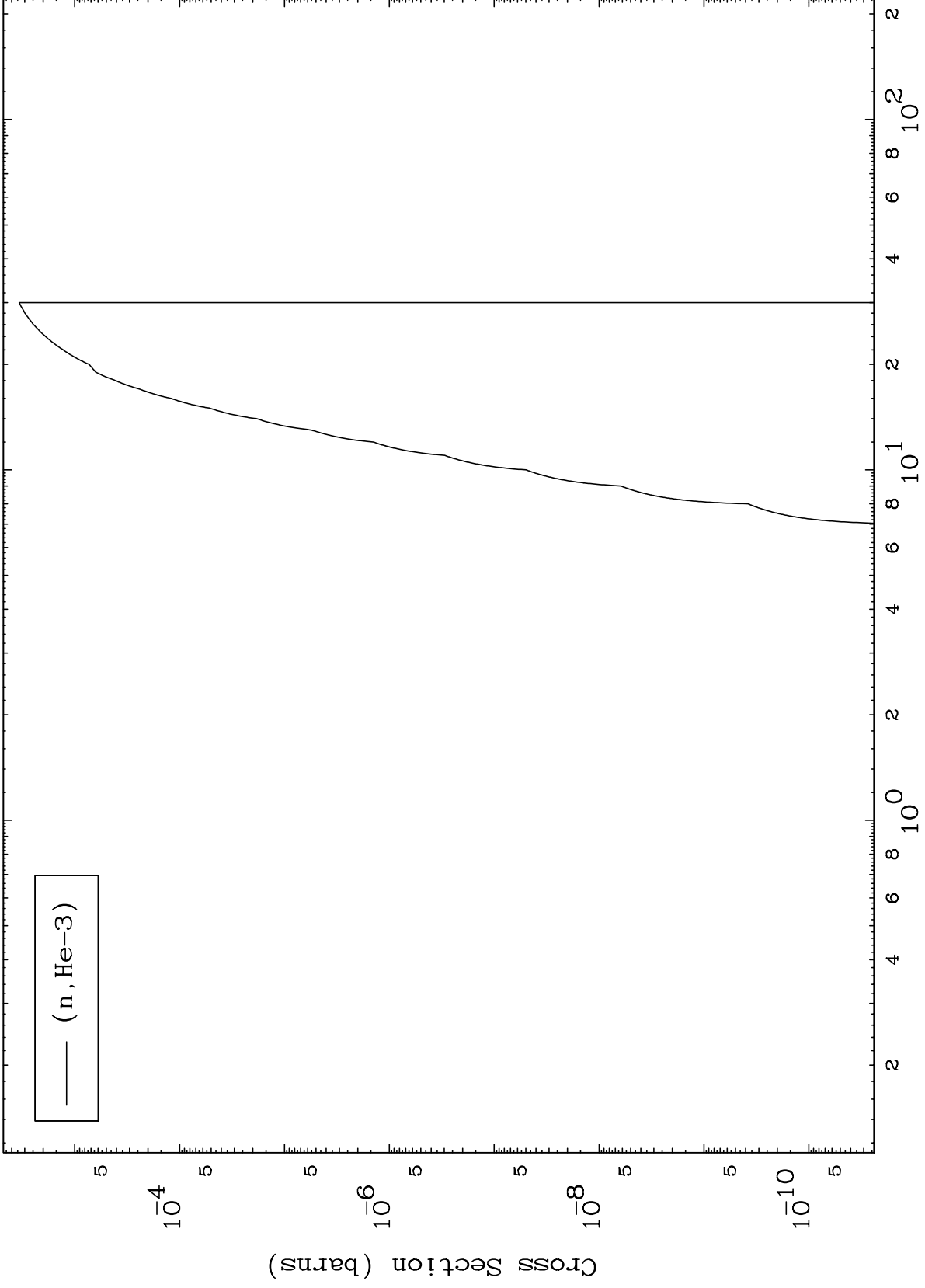
61-Pm-140m

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(d,He3) Levels

61-Pm-140m

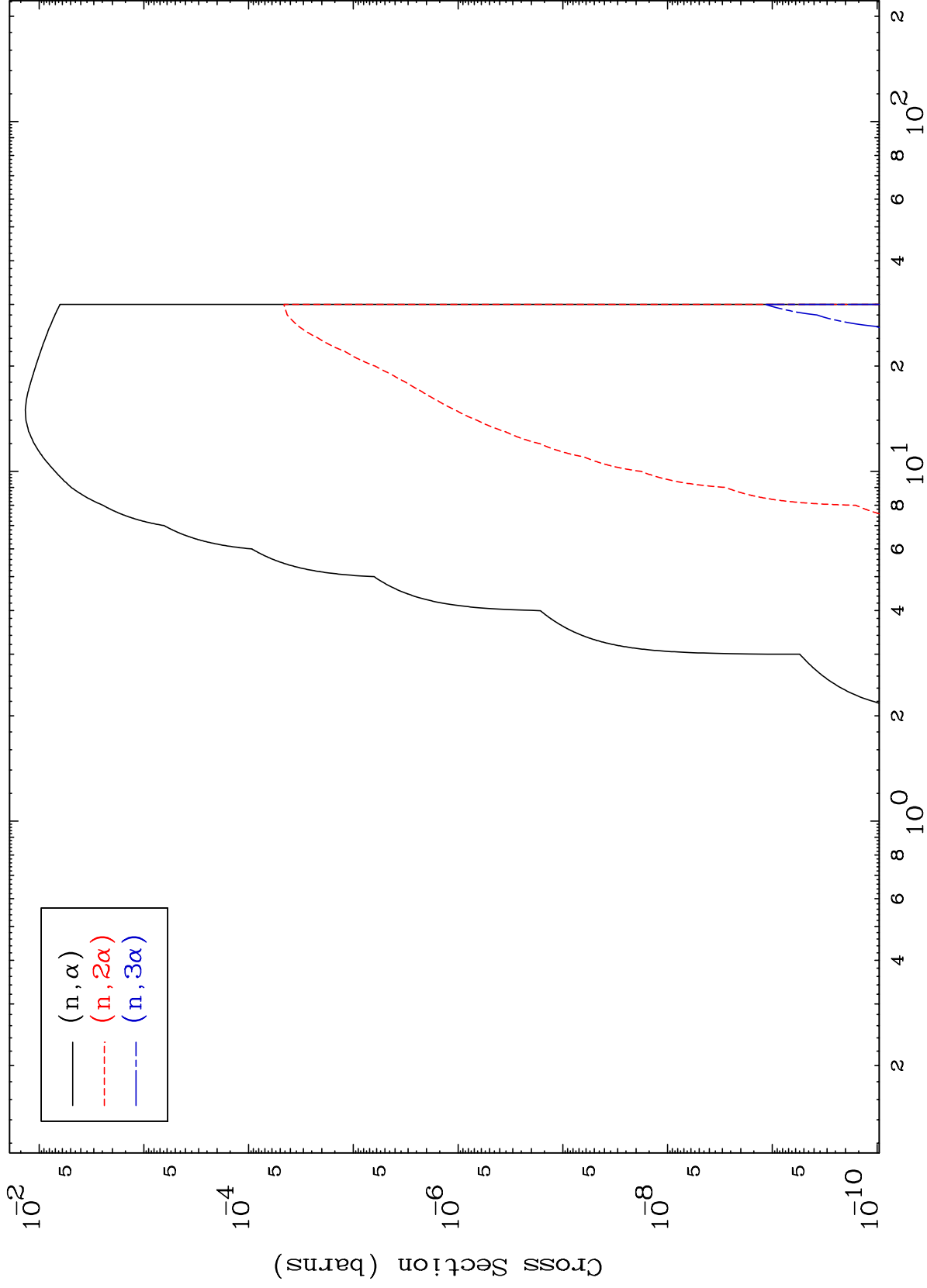
0 Kelvin Cross Sections



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(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

61-Pm-140m



12

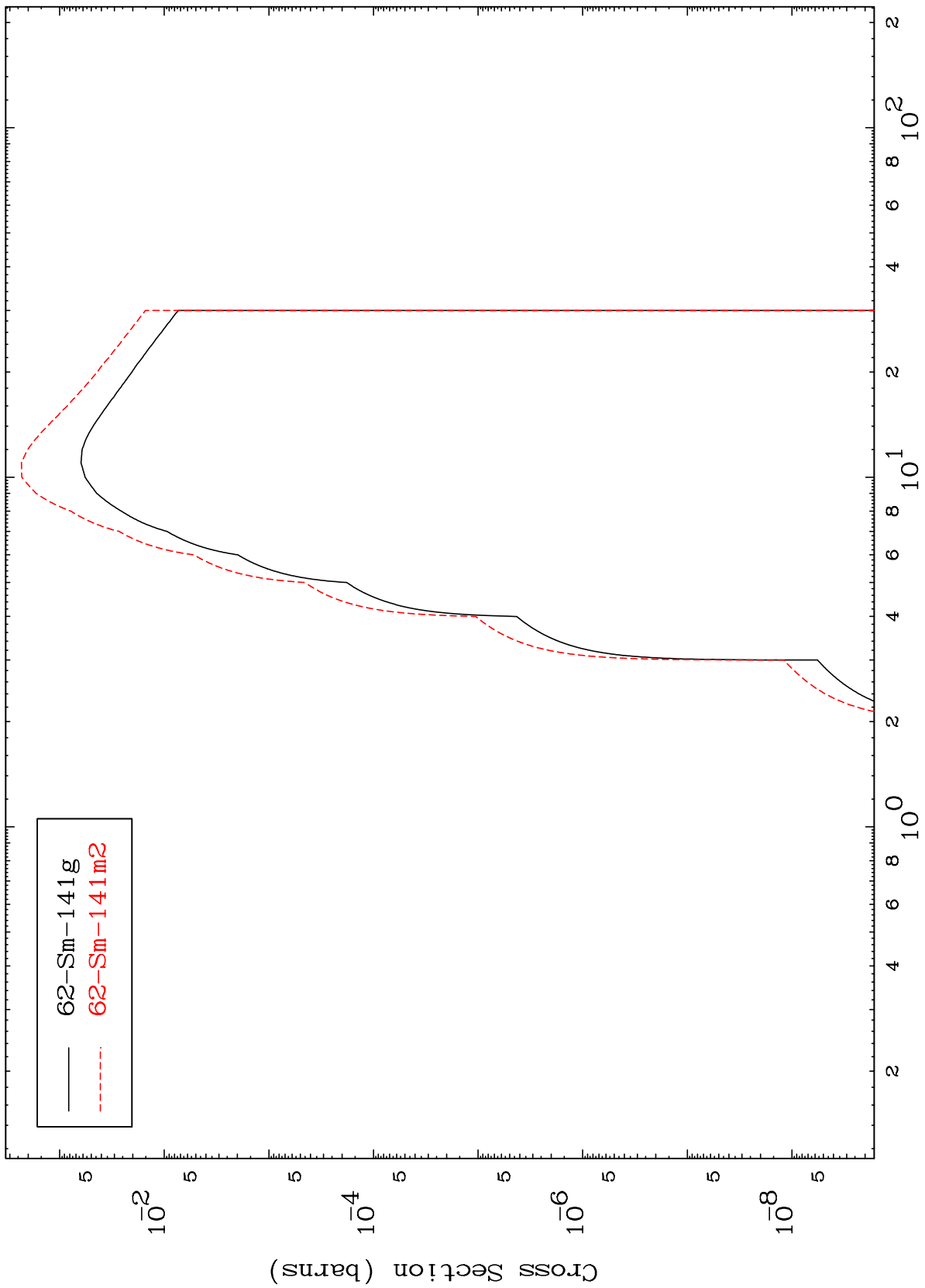
Incident Energy (MeV)

61-Pm-140m

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61-Pm-140m

Radionuclide Production Cross Section



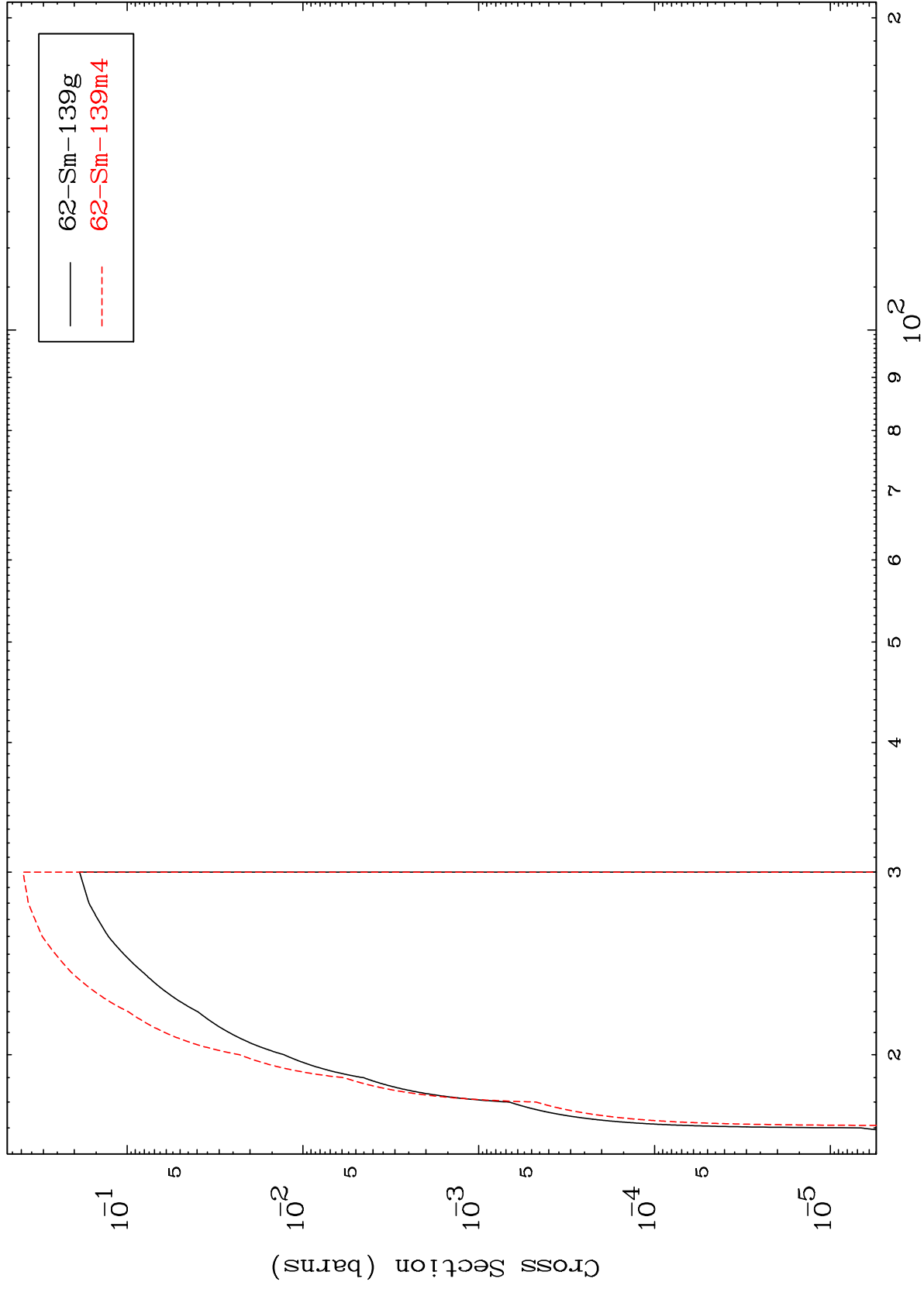
61-Pm-140m

Incident Energy (MeV)

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61-Pm-140m

(n,3n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

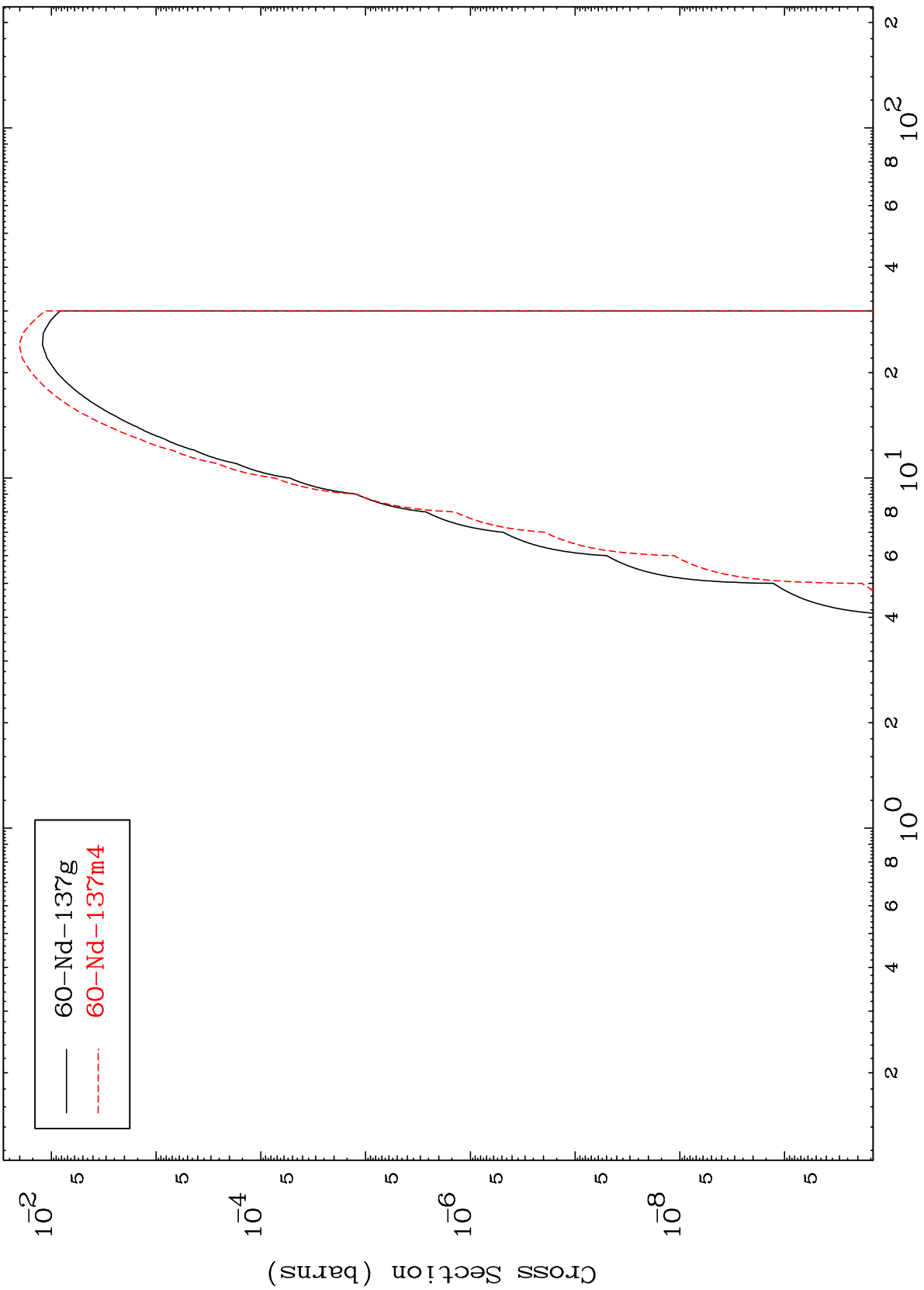
61-Pm-140m

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$(n, n') \alpha$

61-Pm-140m

Radionuclide Production Cross Section



— 60-Nd-137g  
- - - 60-Nd-137m4

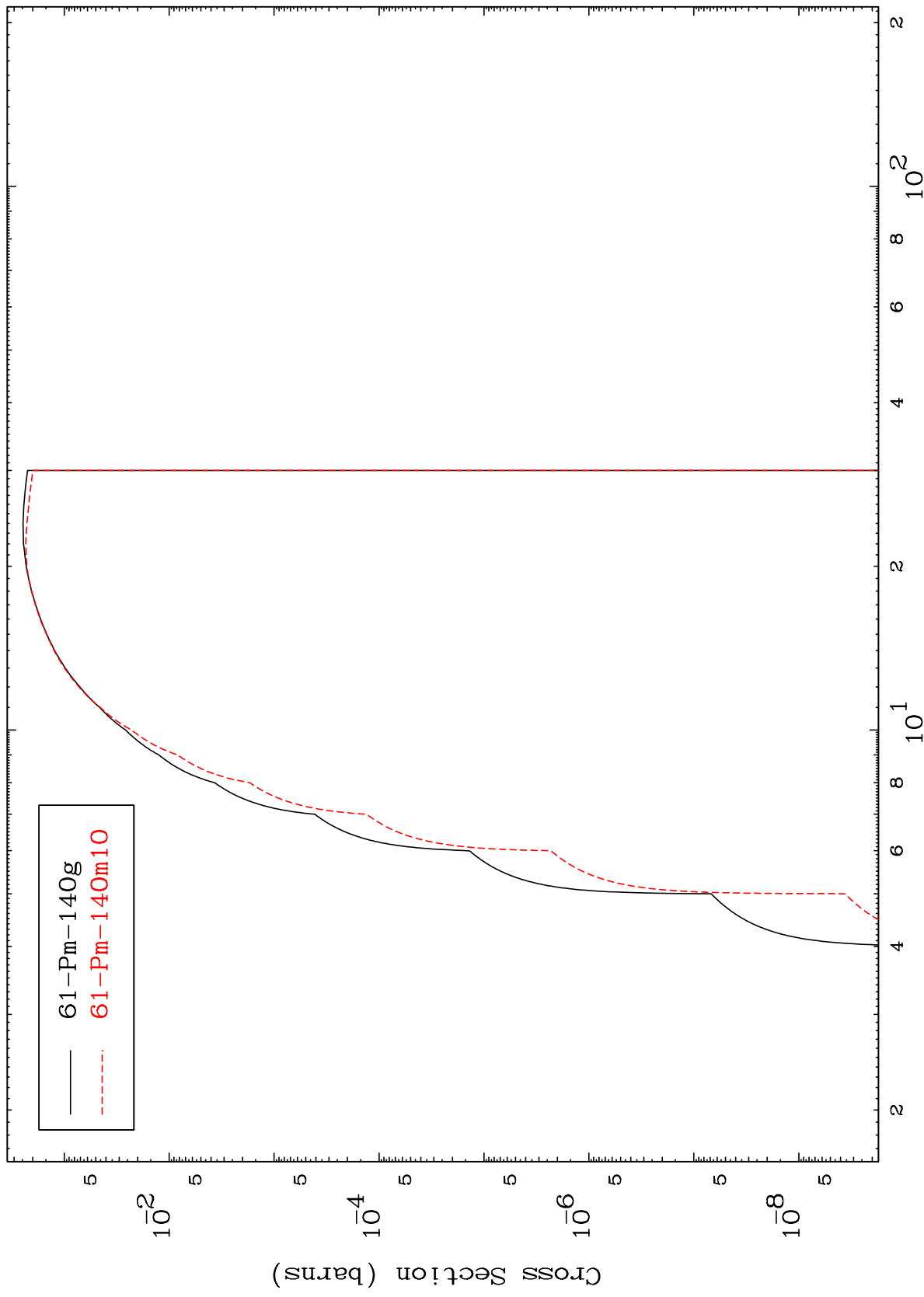


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(n,n') p

61-Pm-140m

Radionuclide Production Cross Section



16

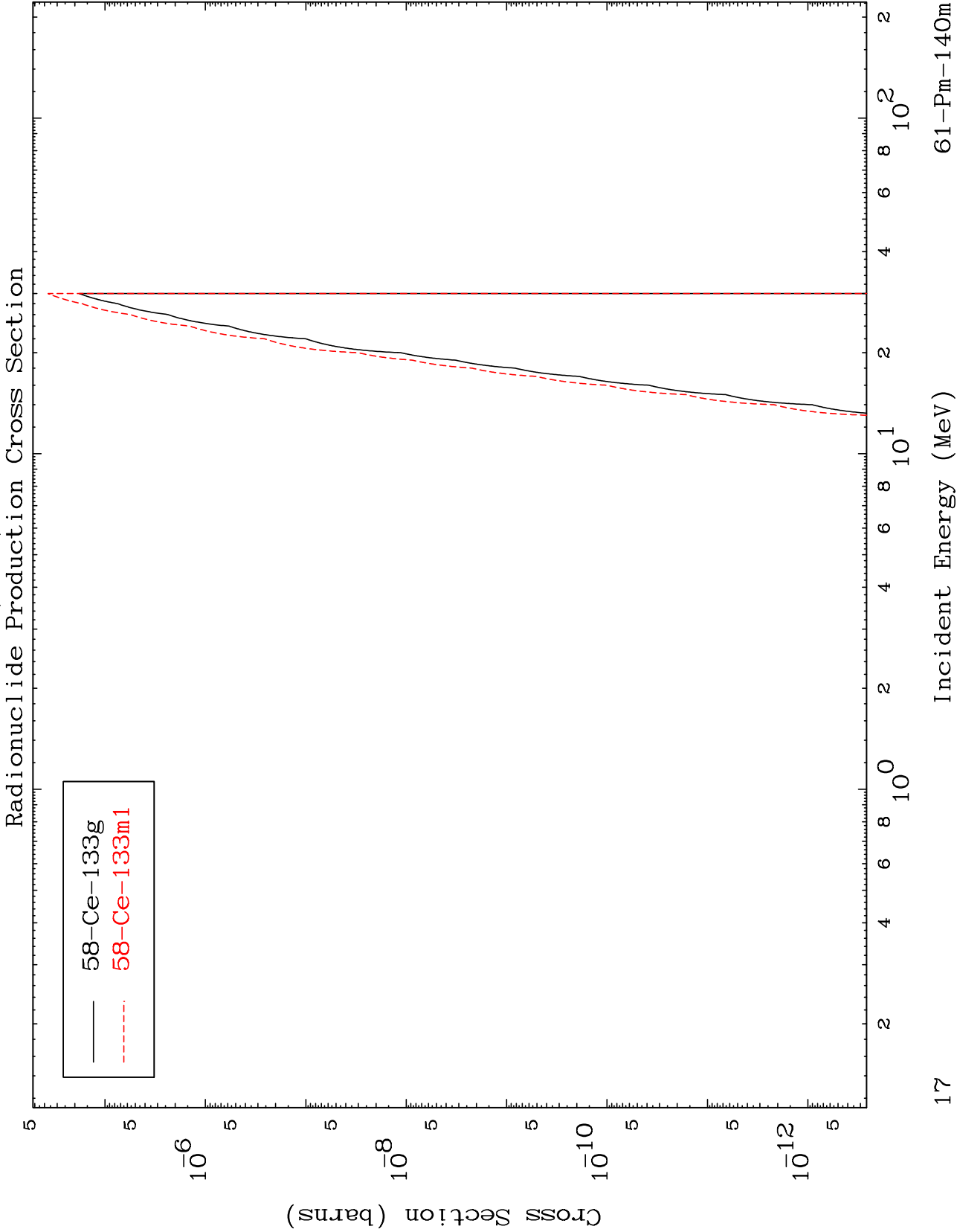
Incident Energy (MeV)

61-Pm-140m

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(n,n') 2α

61-Pm-140m

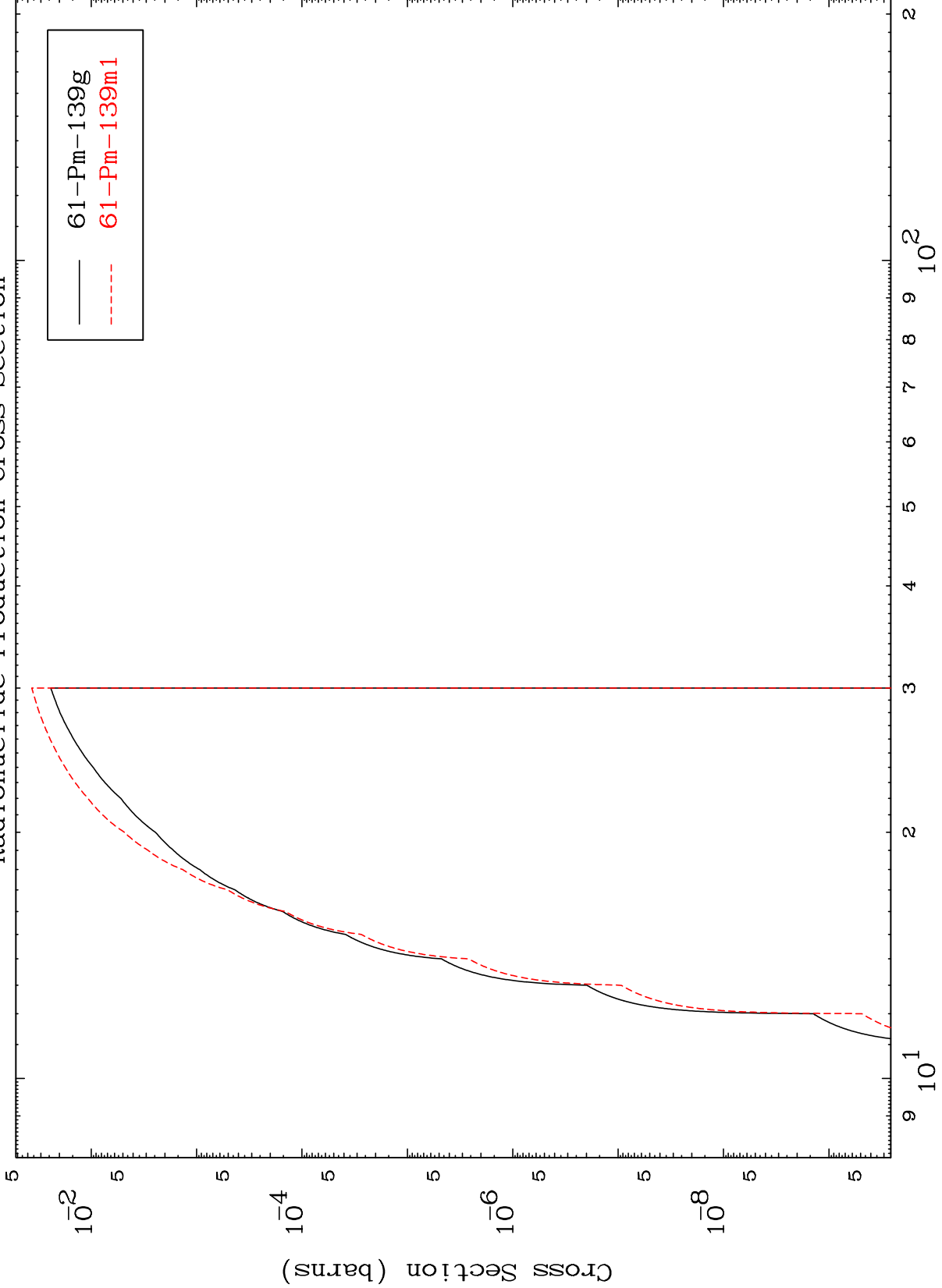


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(n,n') d

61-Pm-140m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

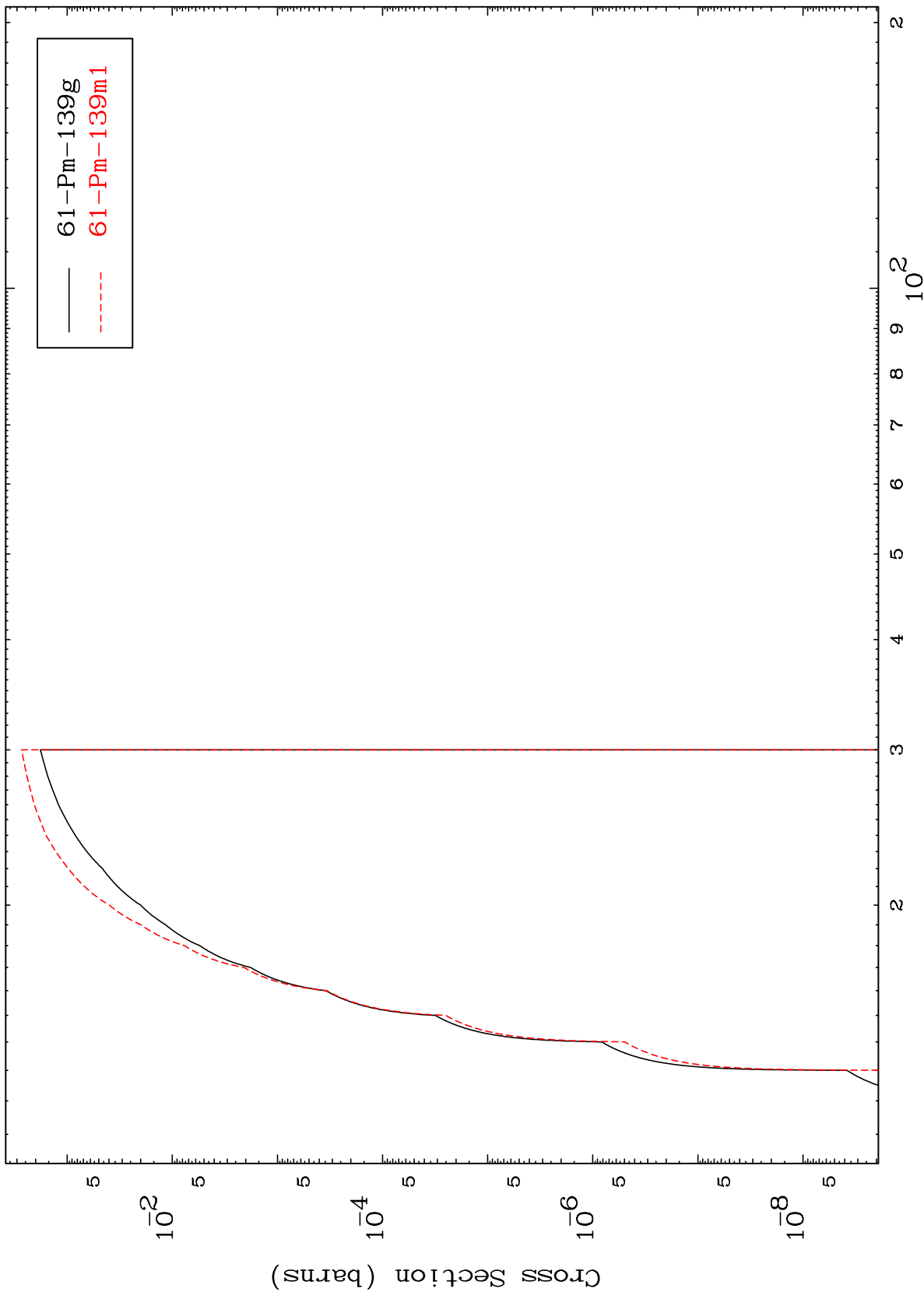
61-Pm-140m

MAT 6129

(n,2n) p

61-Pm-140m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

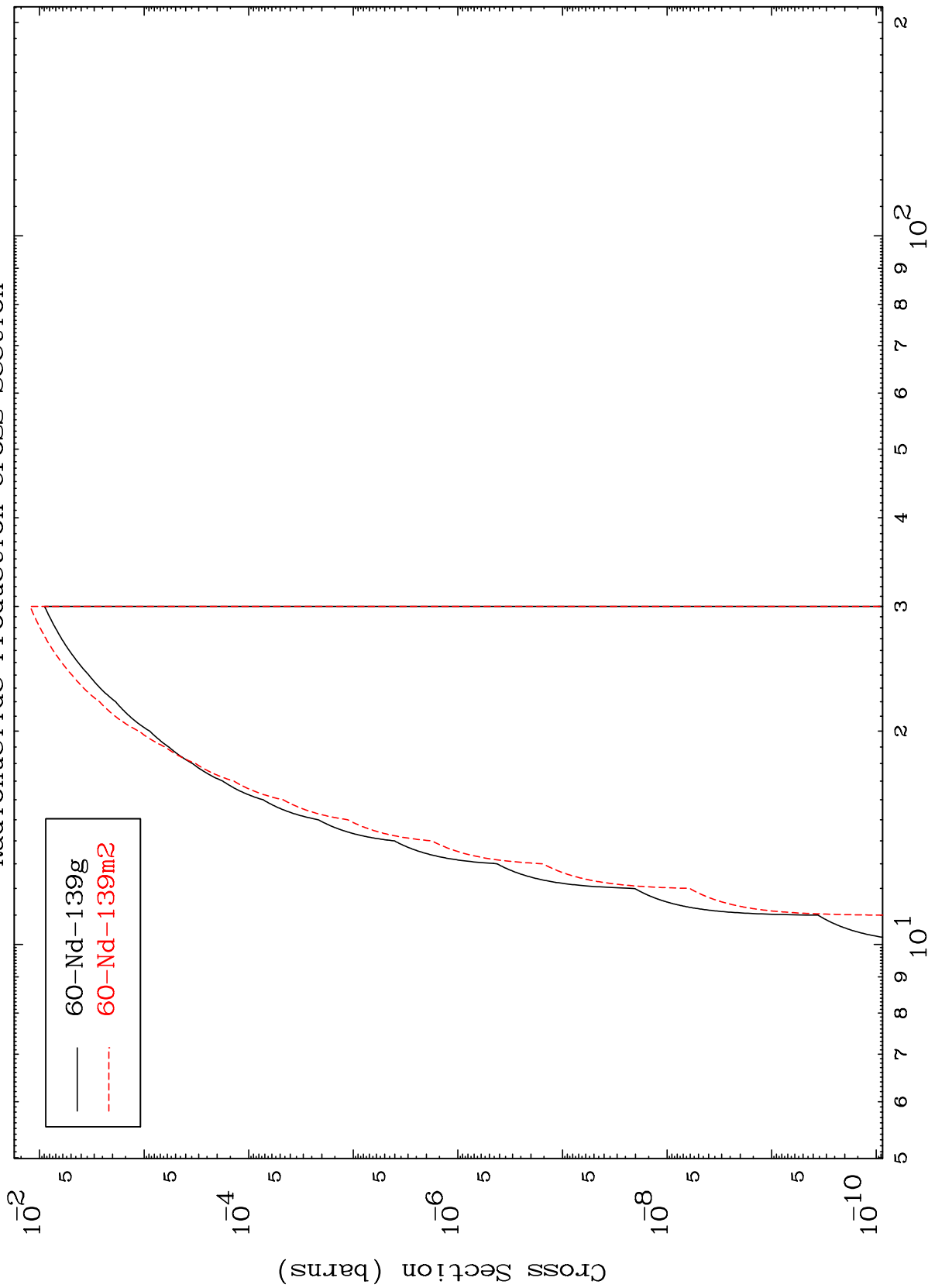
61-Pm-140m

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(n,2n) p

61-Pm-140m

Radionuclide Production Cross Section



20

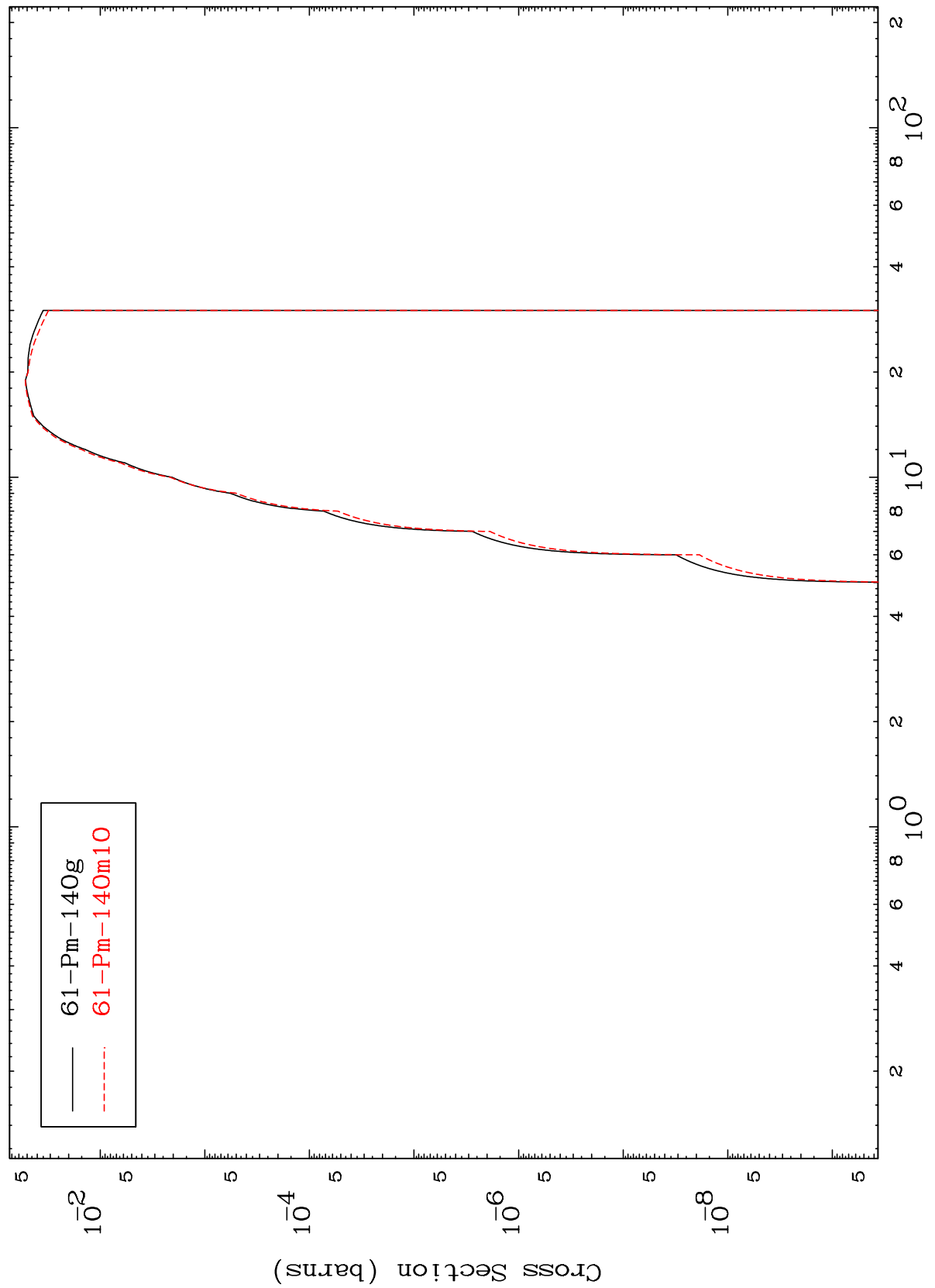
Incident Energy (MeV)

61-Pm-140m

MAT 6129

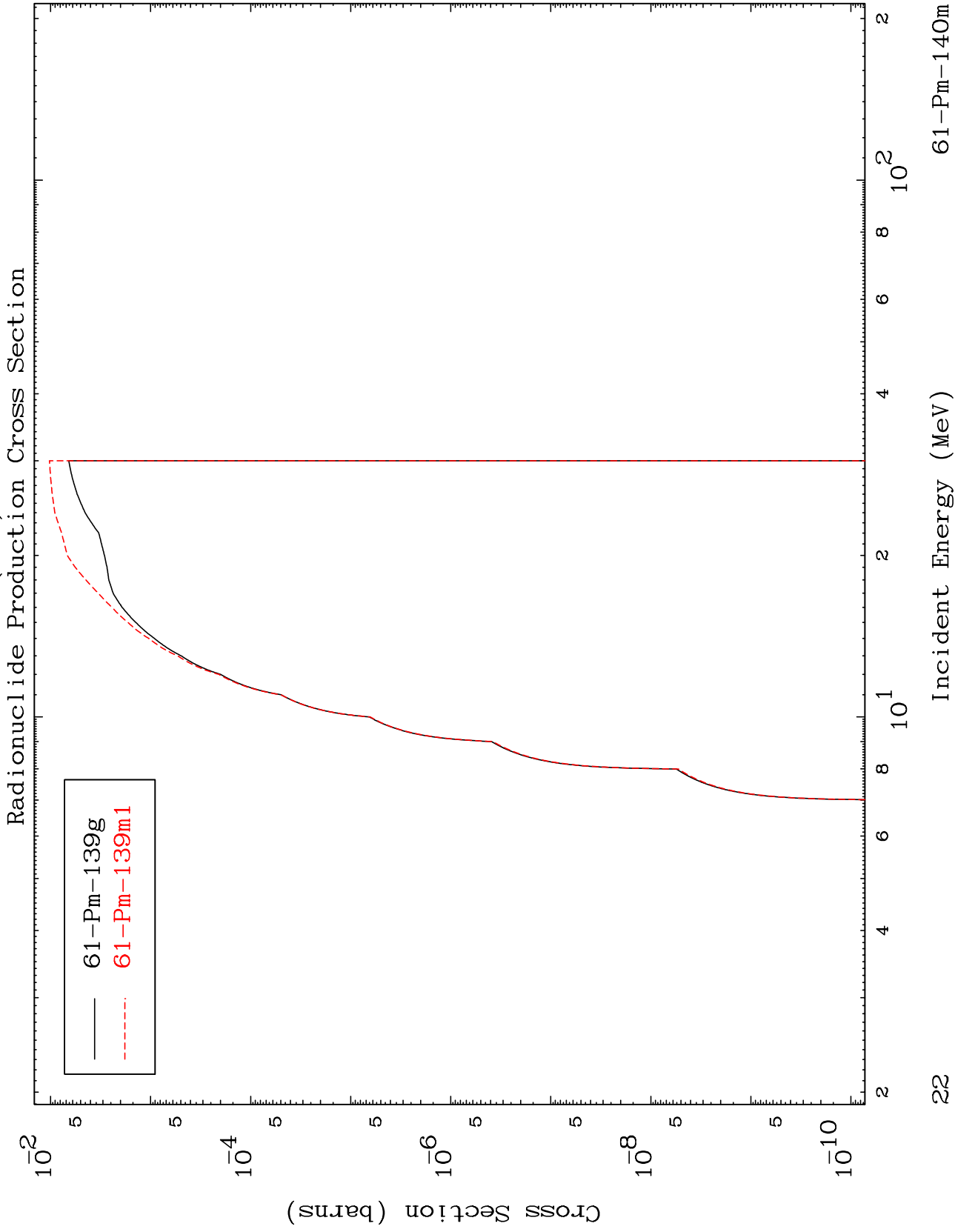
61-Pm-140m

(n, d)  
Radionuclide Production Cross Section



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61-Pm-140m



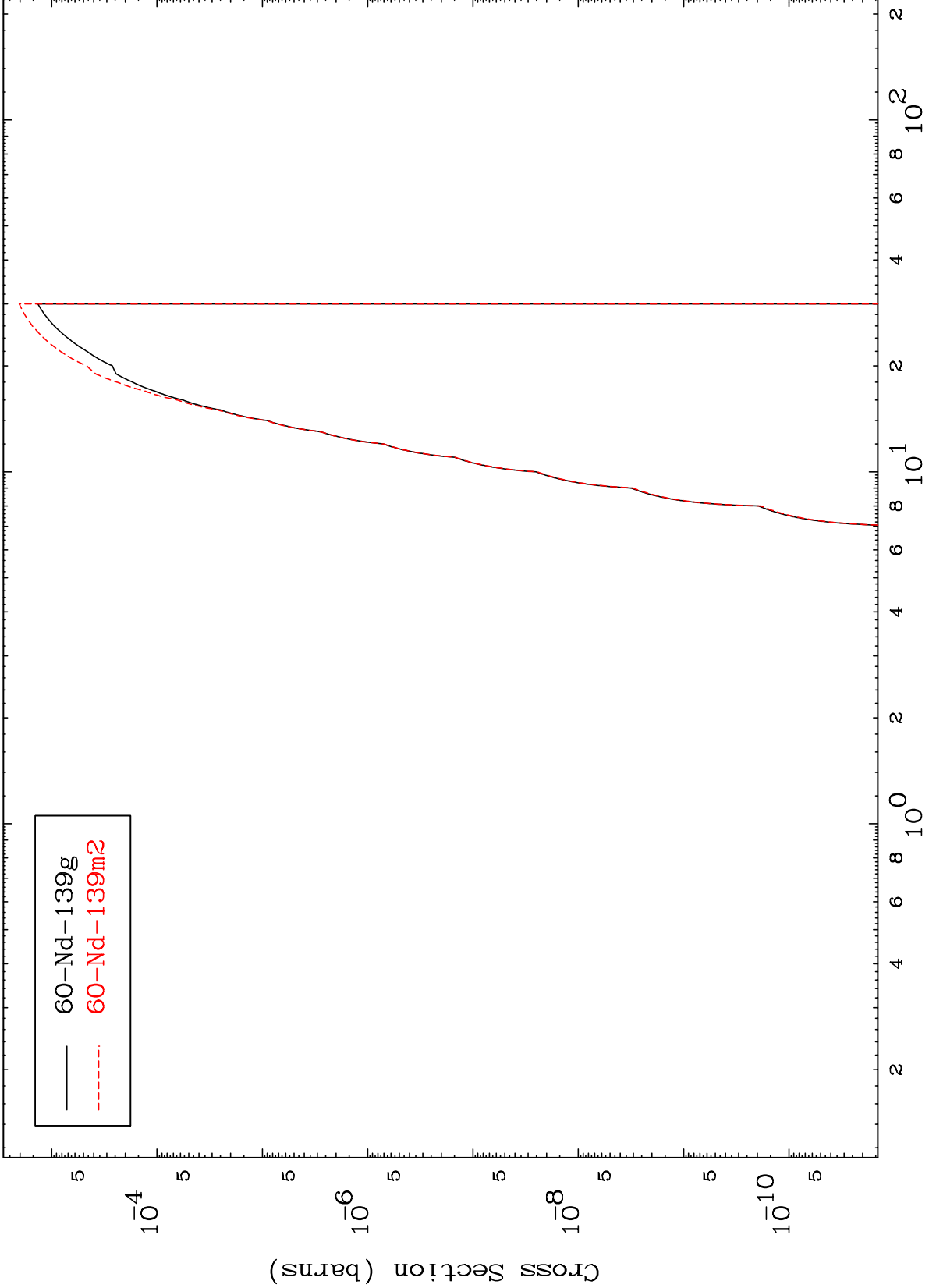
61-Pm-139g  
61-Pm-139m1

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(n,He-3)

61-Pm-140m

Radionuclide Production Cross Section



60-Nd-139g  
60-Nd-139m2

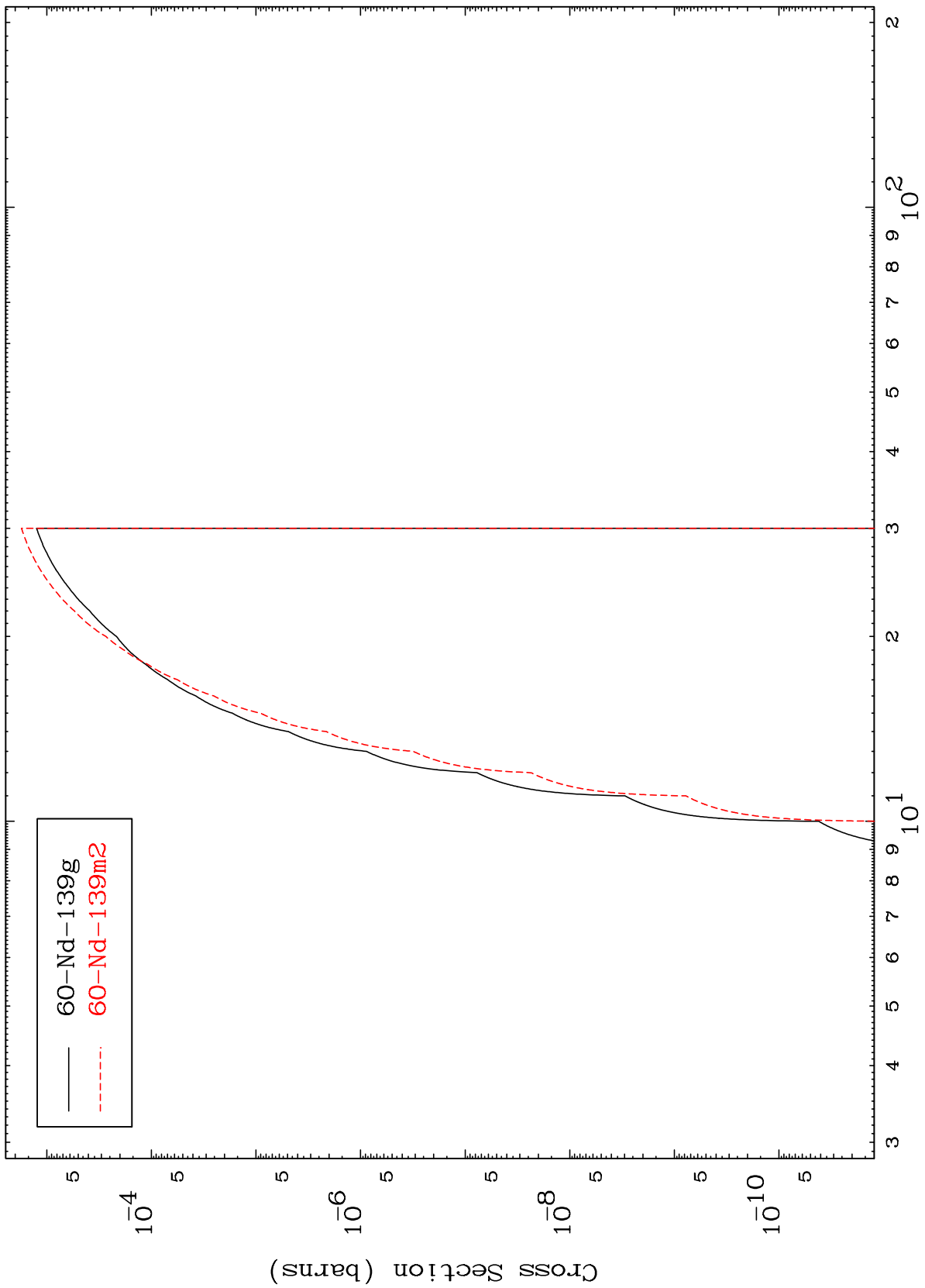


MAT 6129

(n,p) d

61-Pm-140m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

61-Pm-140m