

Program EVALPLOT  
(Version 2021-1)

by

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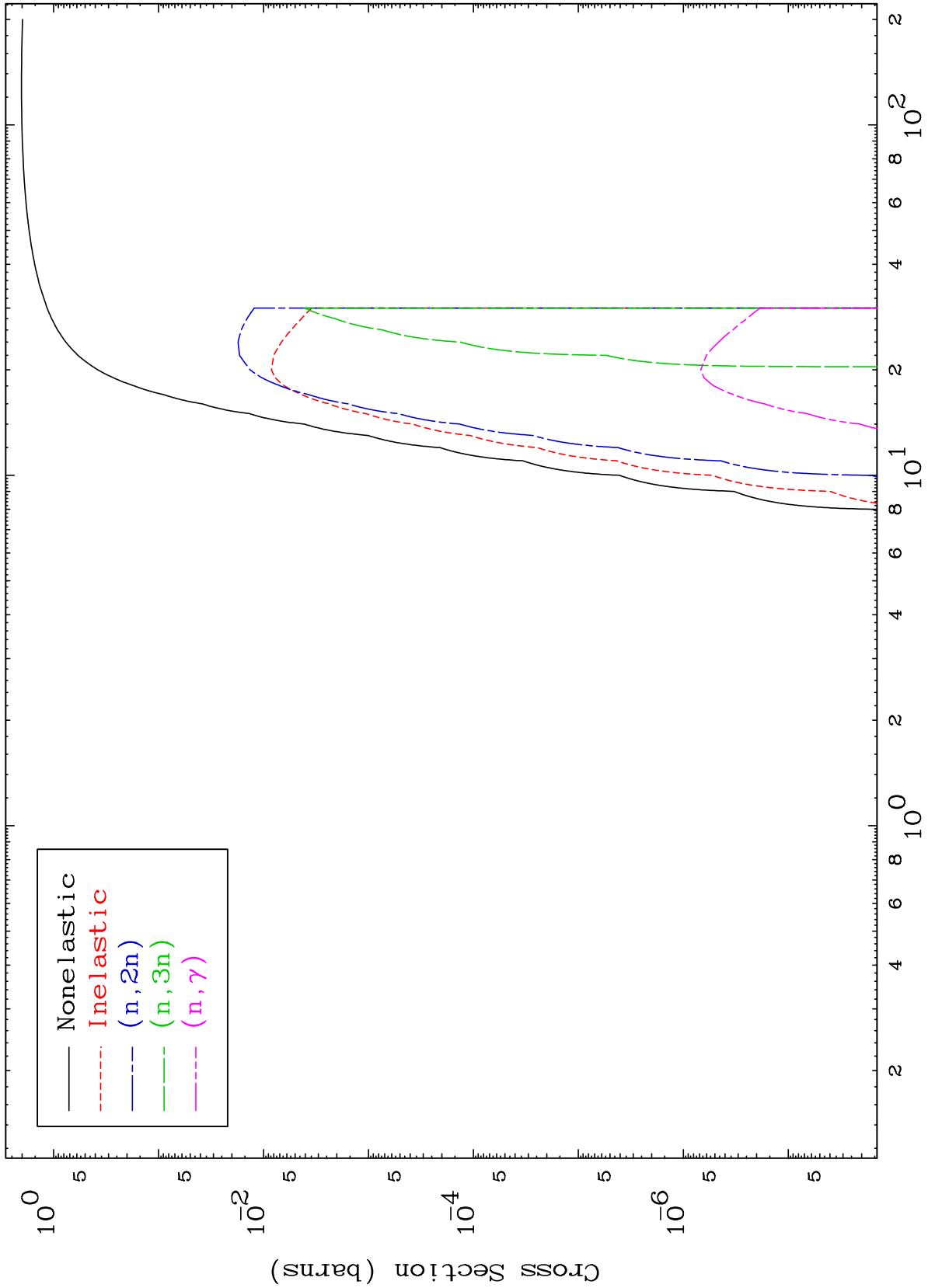
Press Mouse Button to Start

MAT 6129

He-3 Major

61-Pm-140m

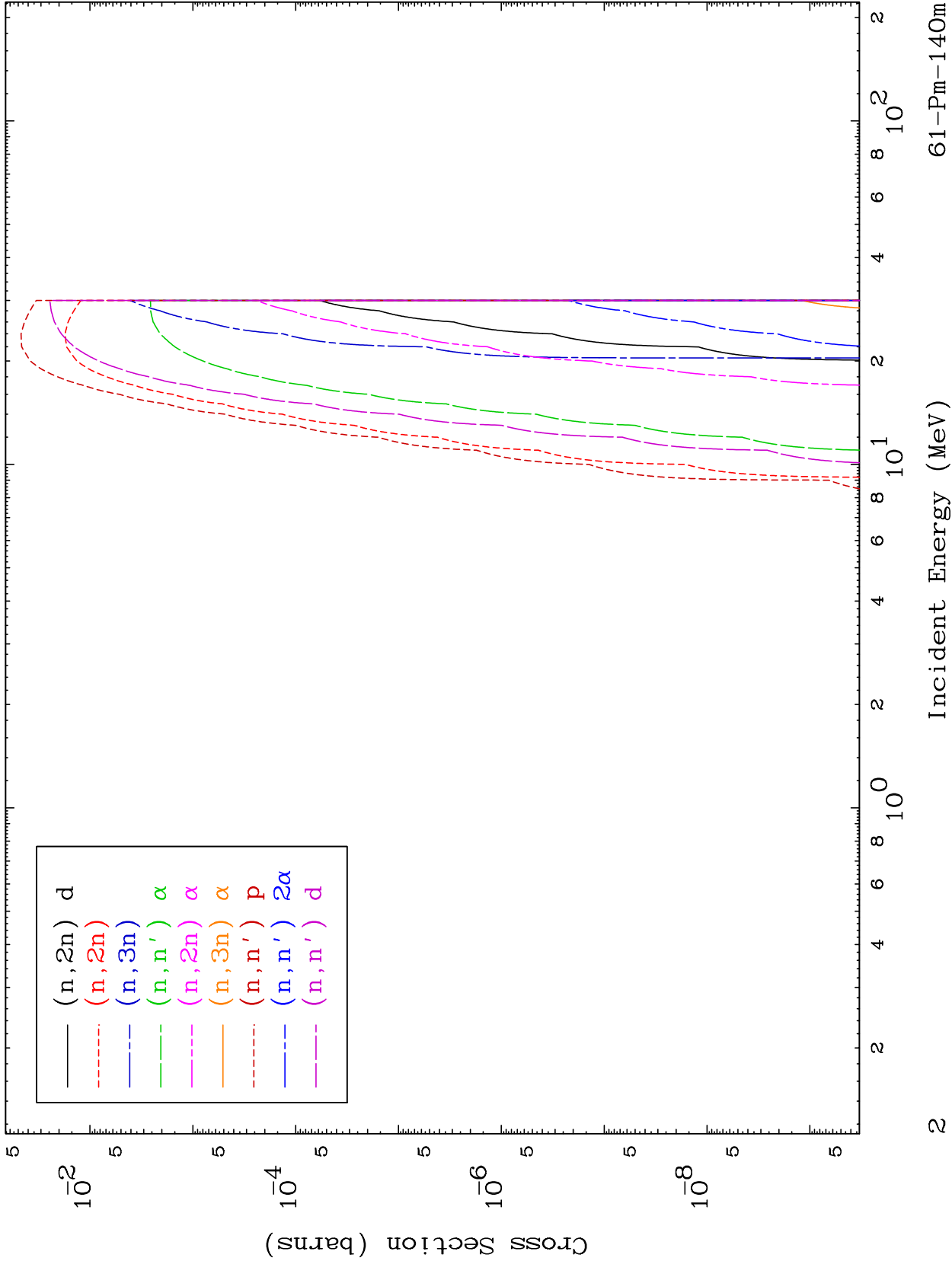
0 Kelvin Cross Sections



MAT 6129

He-3 Neutron Absorption  
0 Kelvin Cross Sections

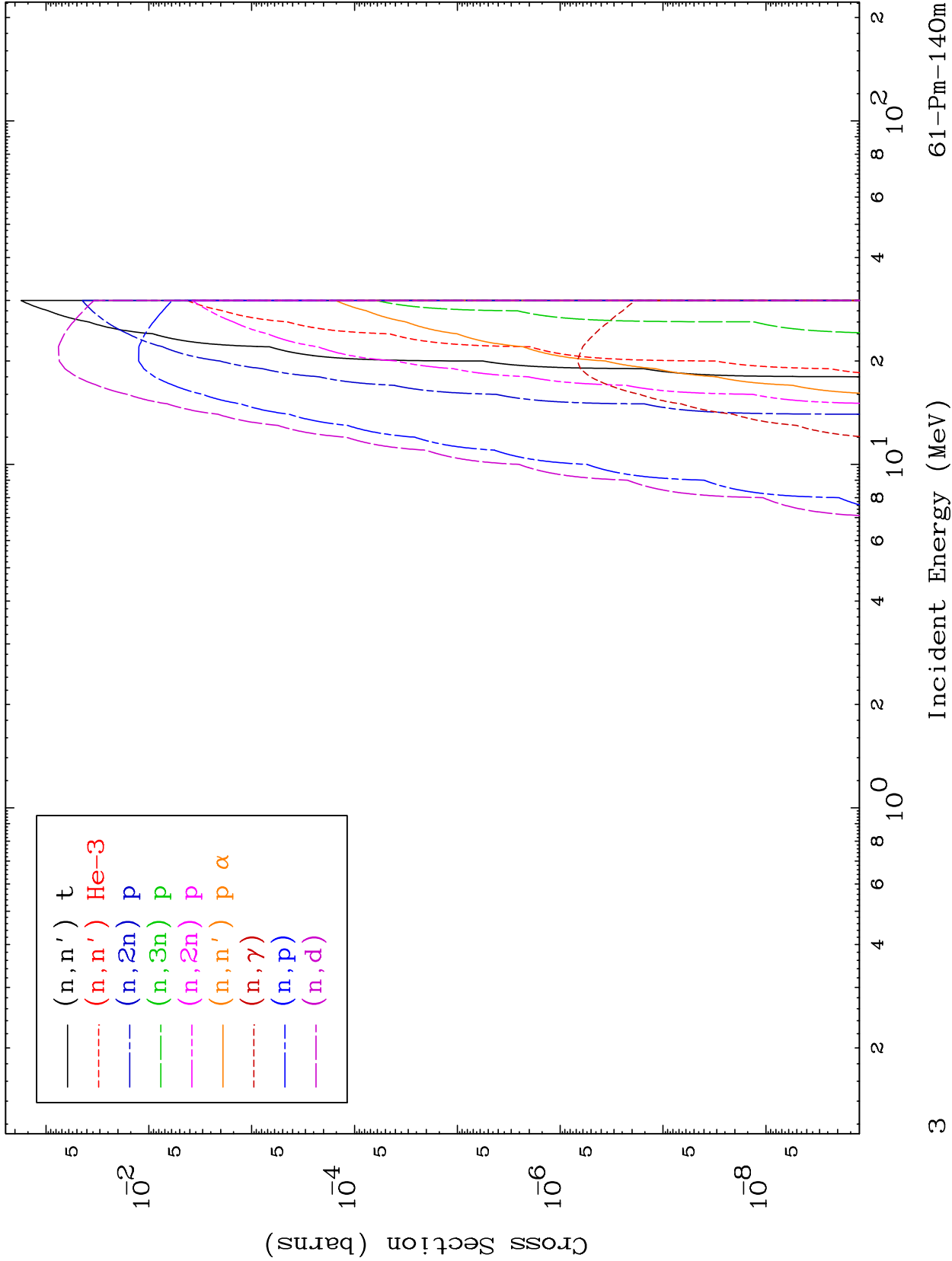
61-Pm-140m



MAT 6129

He-3 Neutron Absorption  
0 Kelvin Cross Sections

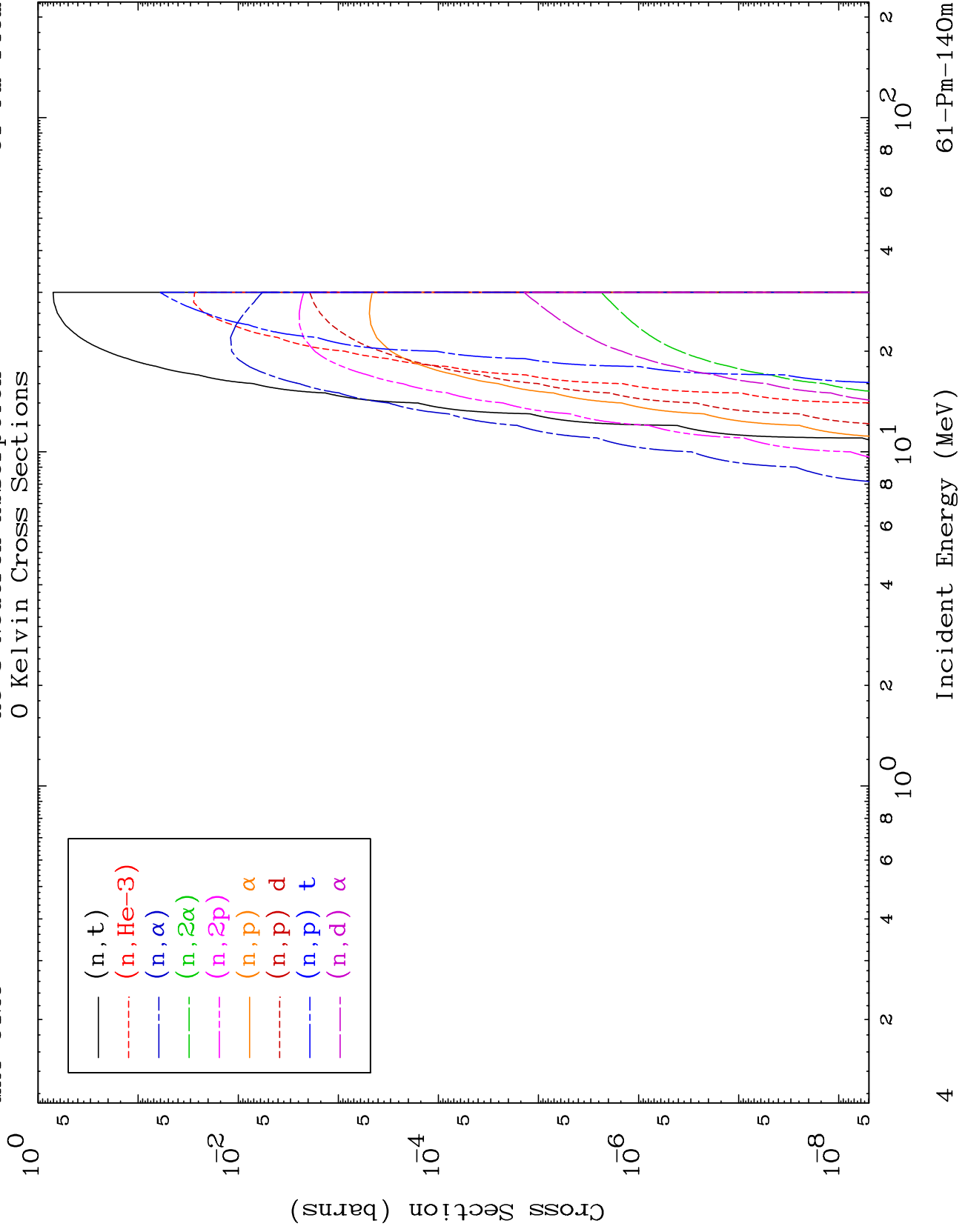
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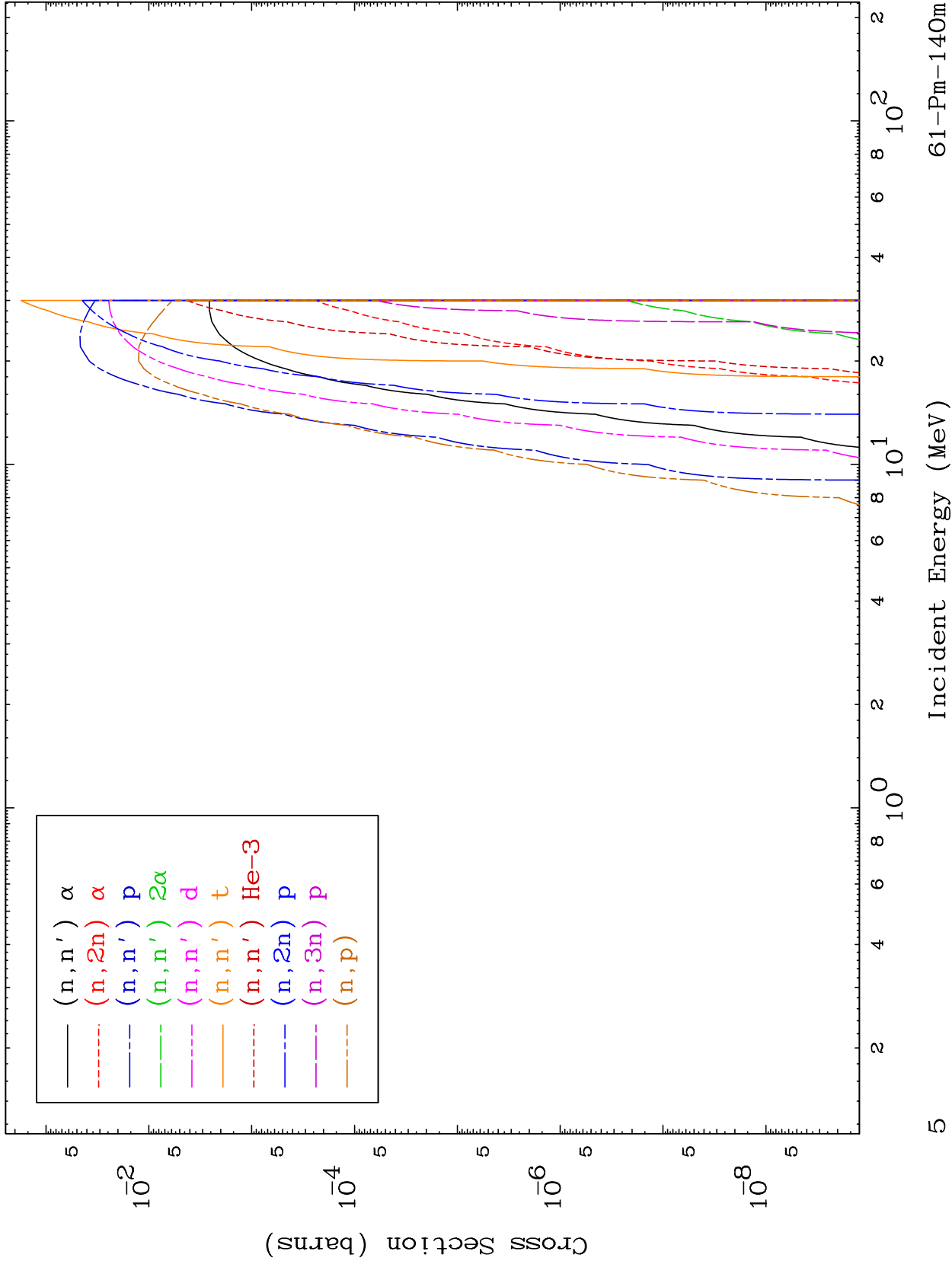


MAT 6129

He-3 Neutron Absorption  
0 Kelvin Cross Sections

61-Pm-140m

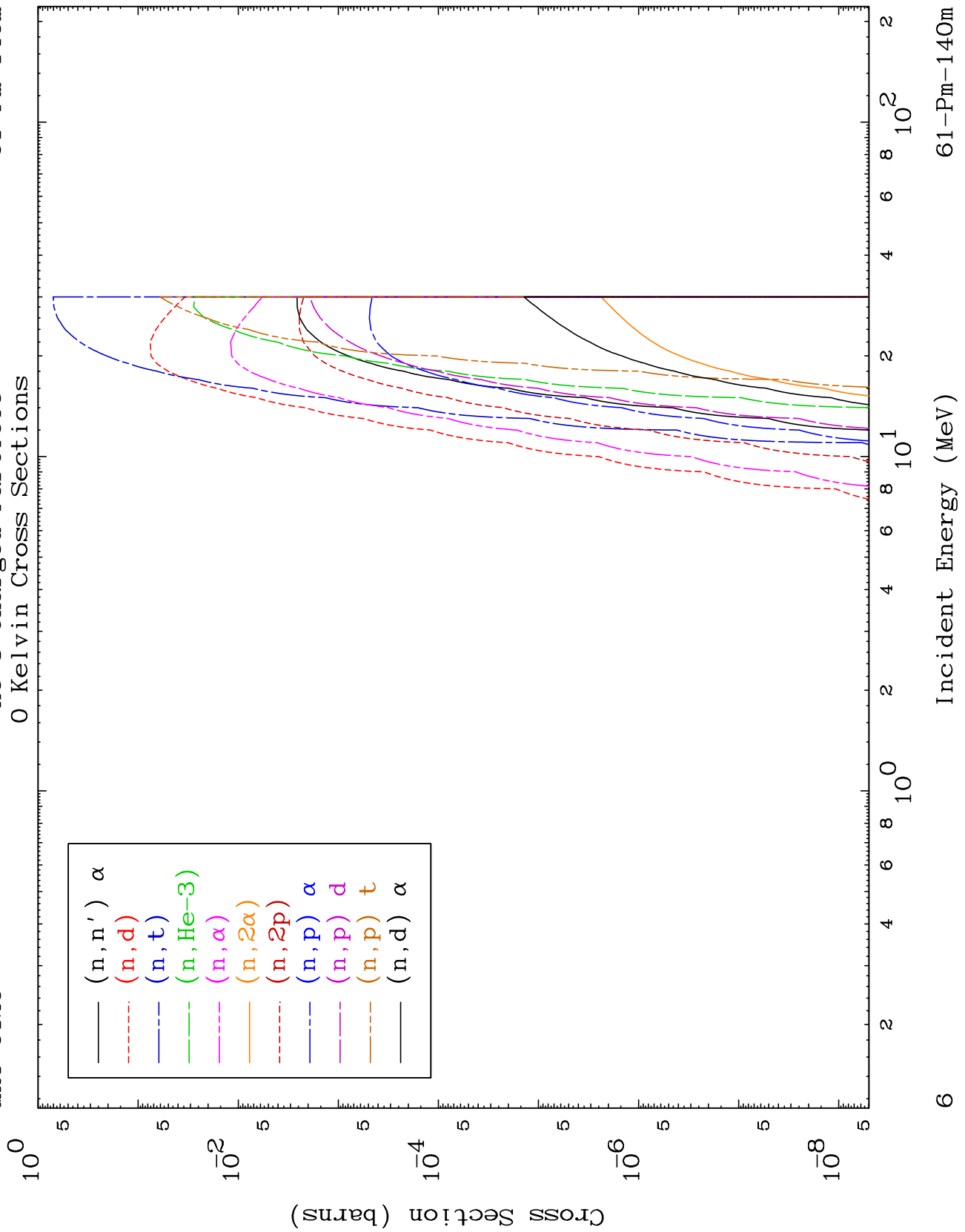




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He-3 Charged Particle  
0 Kelvin Cross Sections

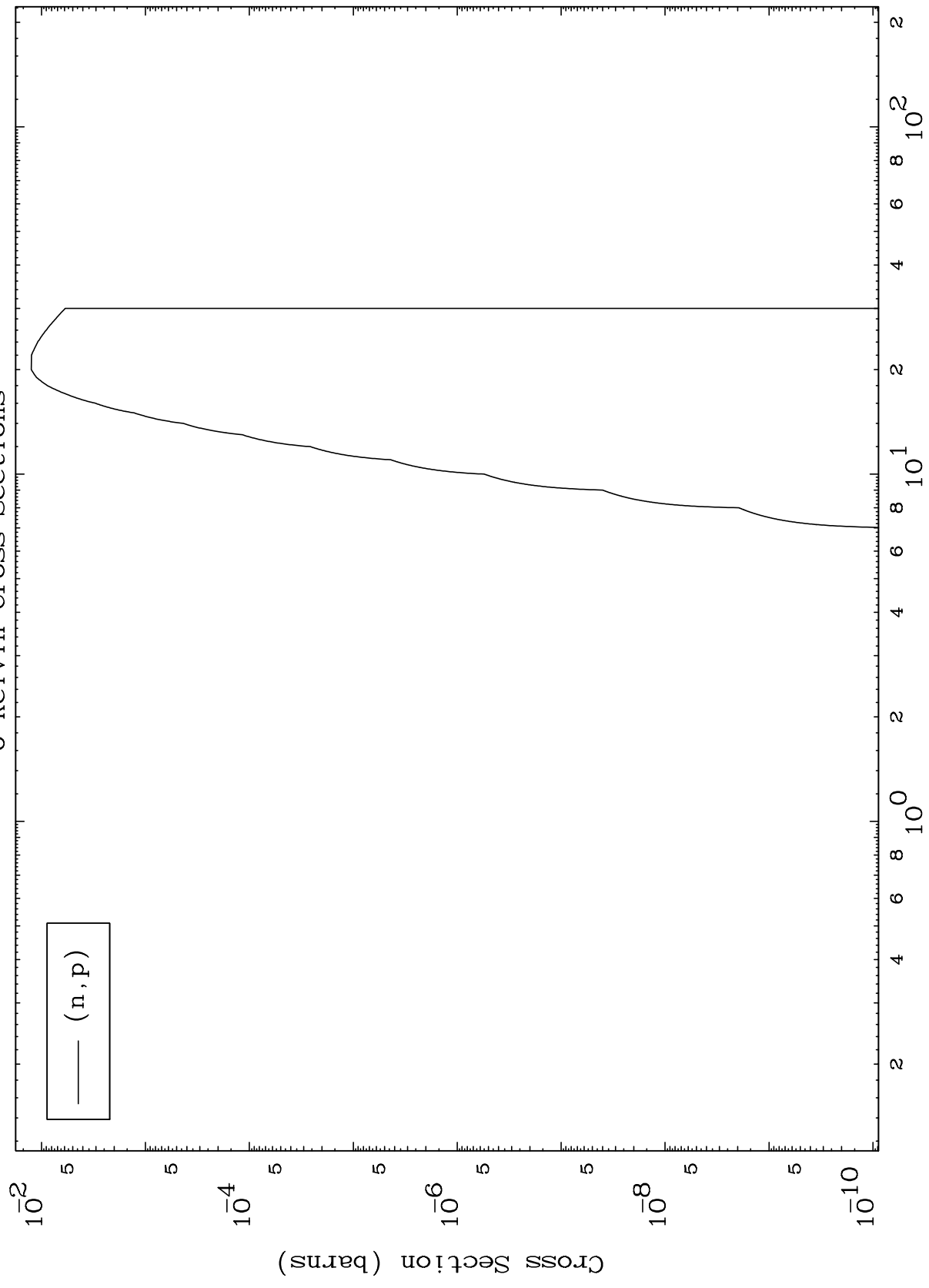
61-Pm-140m



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61-Pm-140m

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

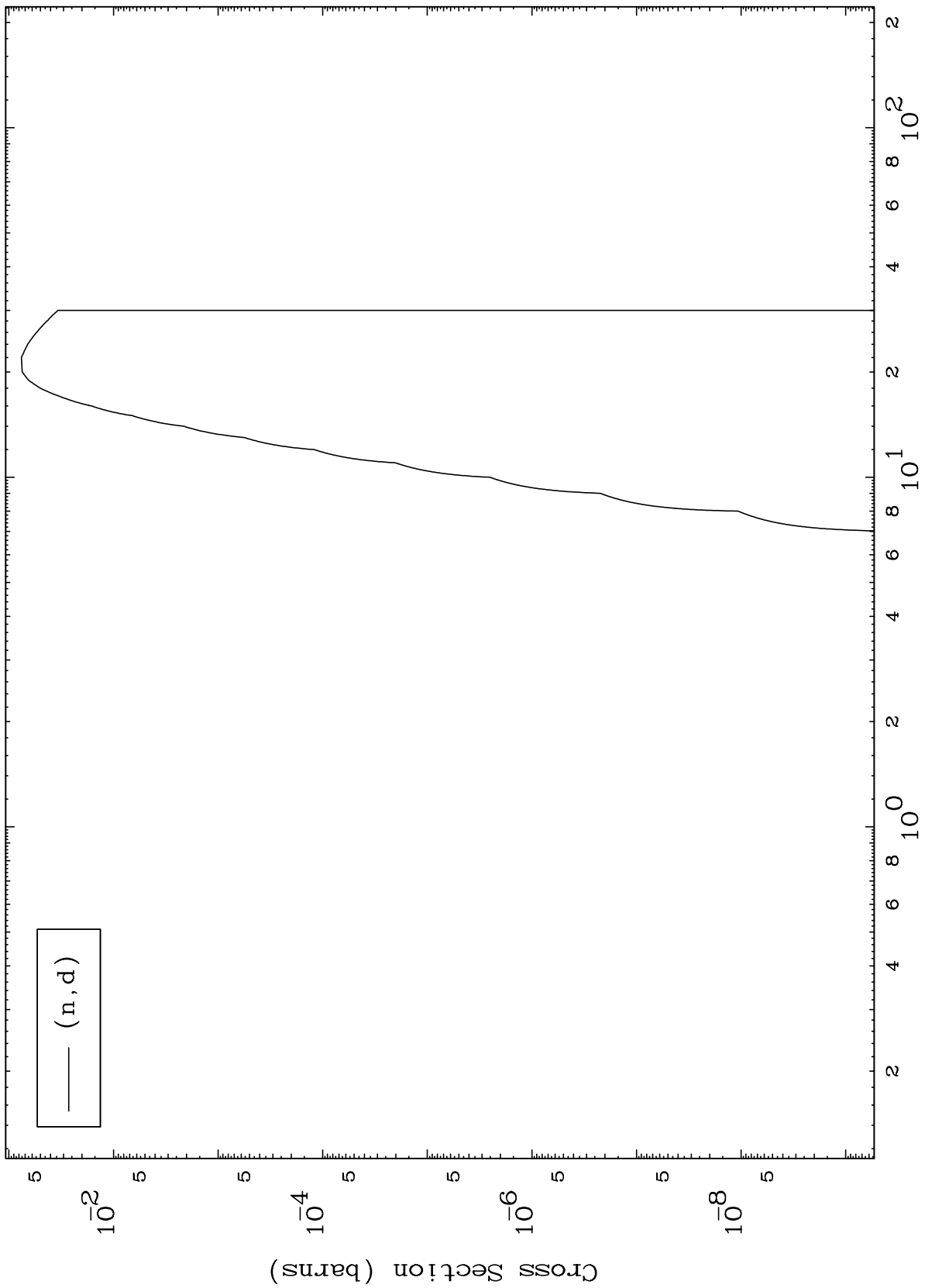


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(He-3,d) Levels

61-Pm-140m

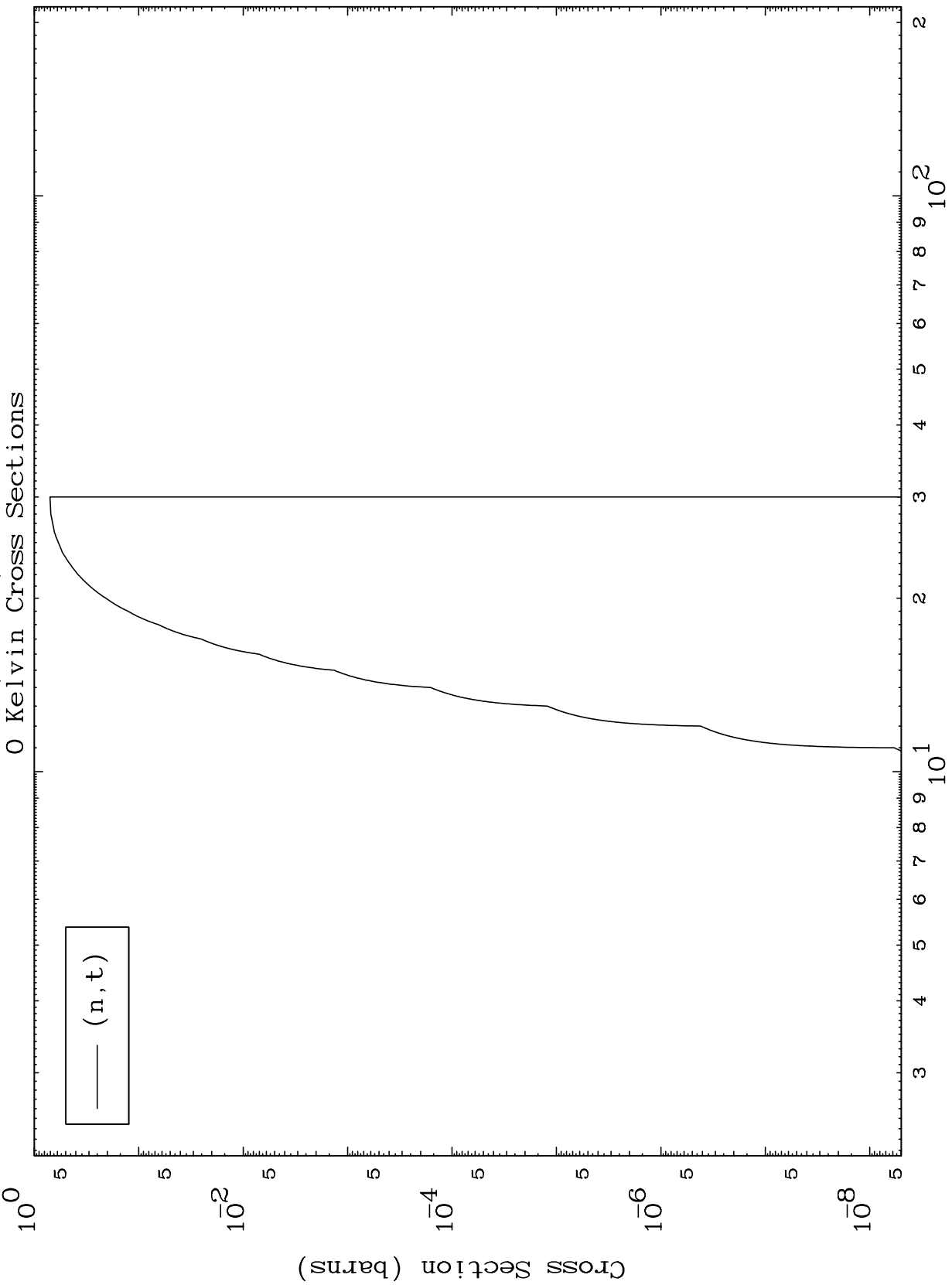
0 Kelvin Cross Sections



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(He-3,t) Levels

61-Pm-140m

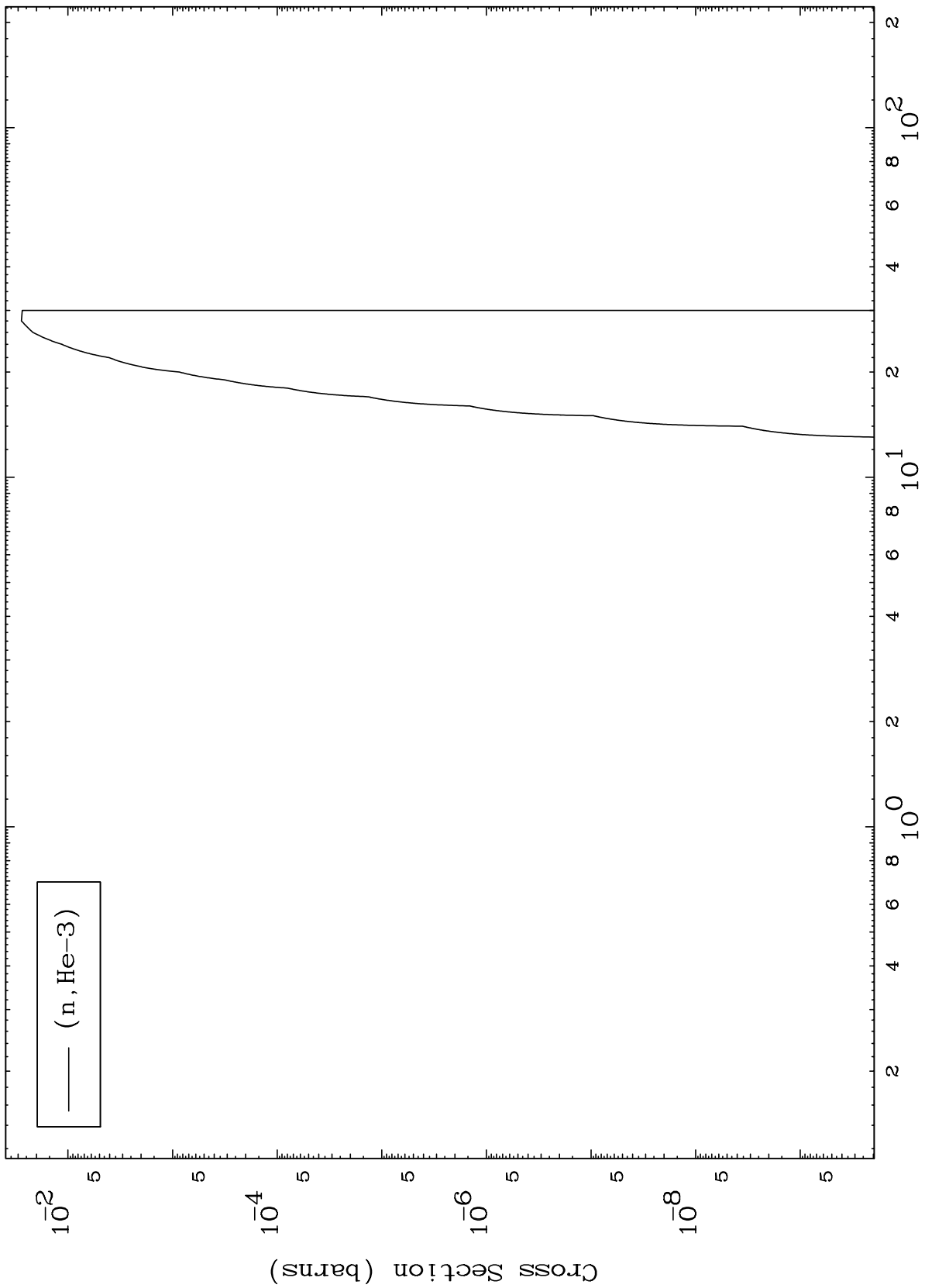


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(He-3, He3) Levels

61-Pm-140m

0 Kelvin Cross Sections



10

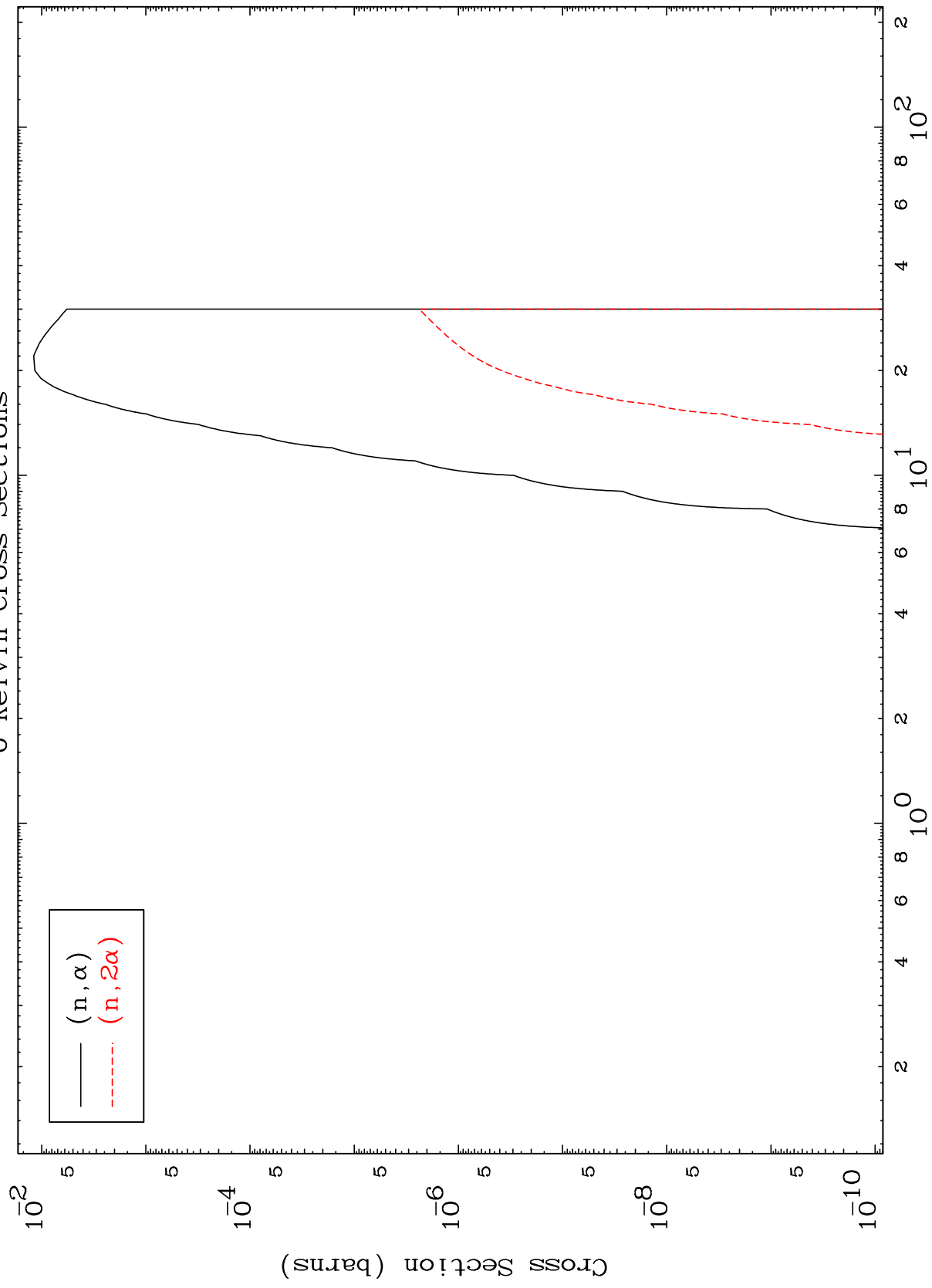
Incident Energy (MeV)

61-Pm-140m

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61-Pm-140m

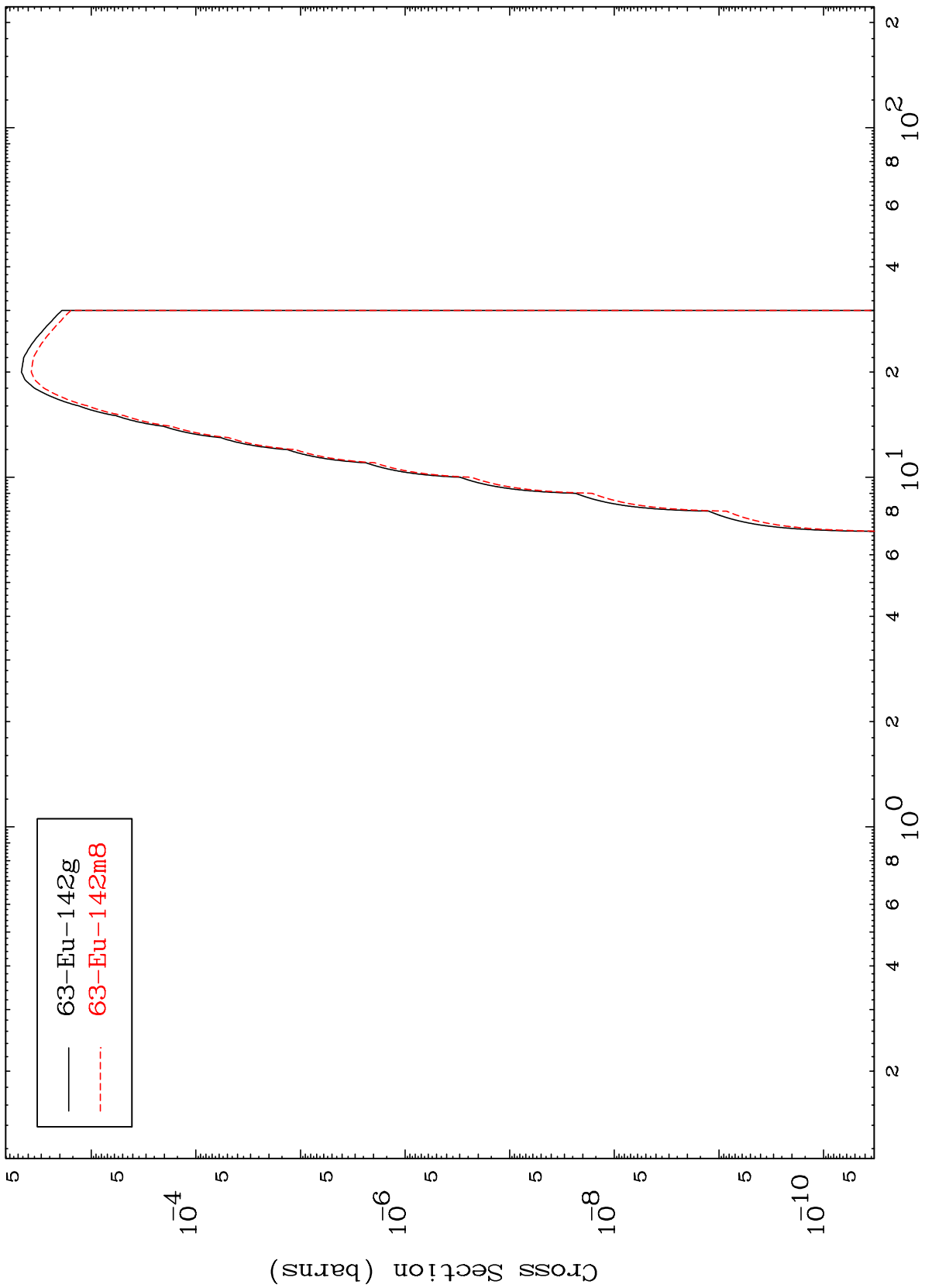
(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



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61-Pm-140m

Inelastic  
Radionuclide Production Cross Section



63-Eu-142g  
63-Eu-142m8

61-Pm-140m

Incident Energy (MeV)

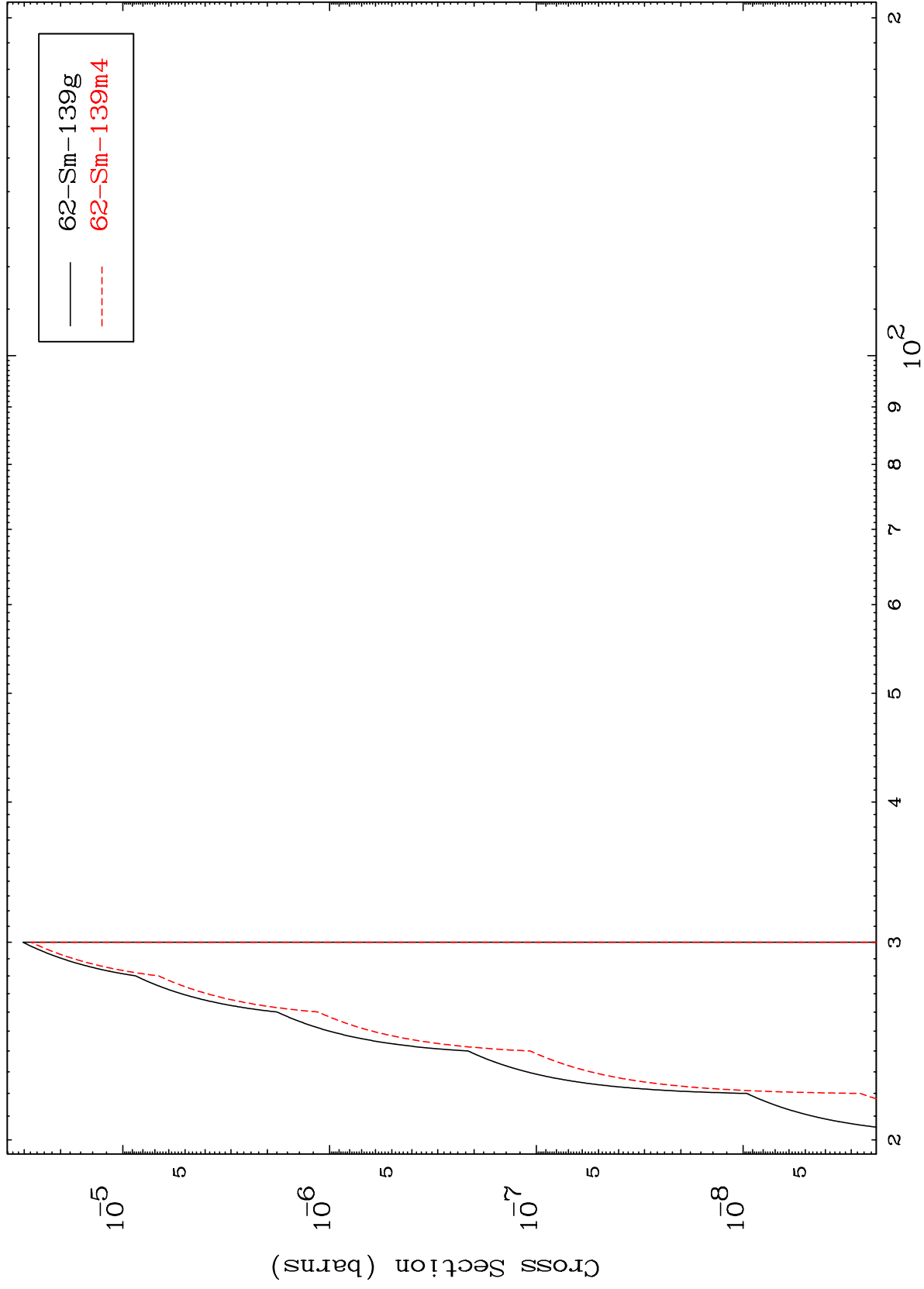
12

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(n,2n) d

61-Pm-140m

Radionuclide Production Cross Section



13

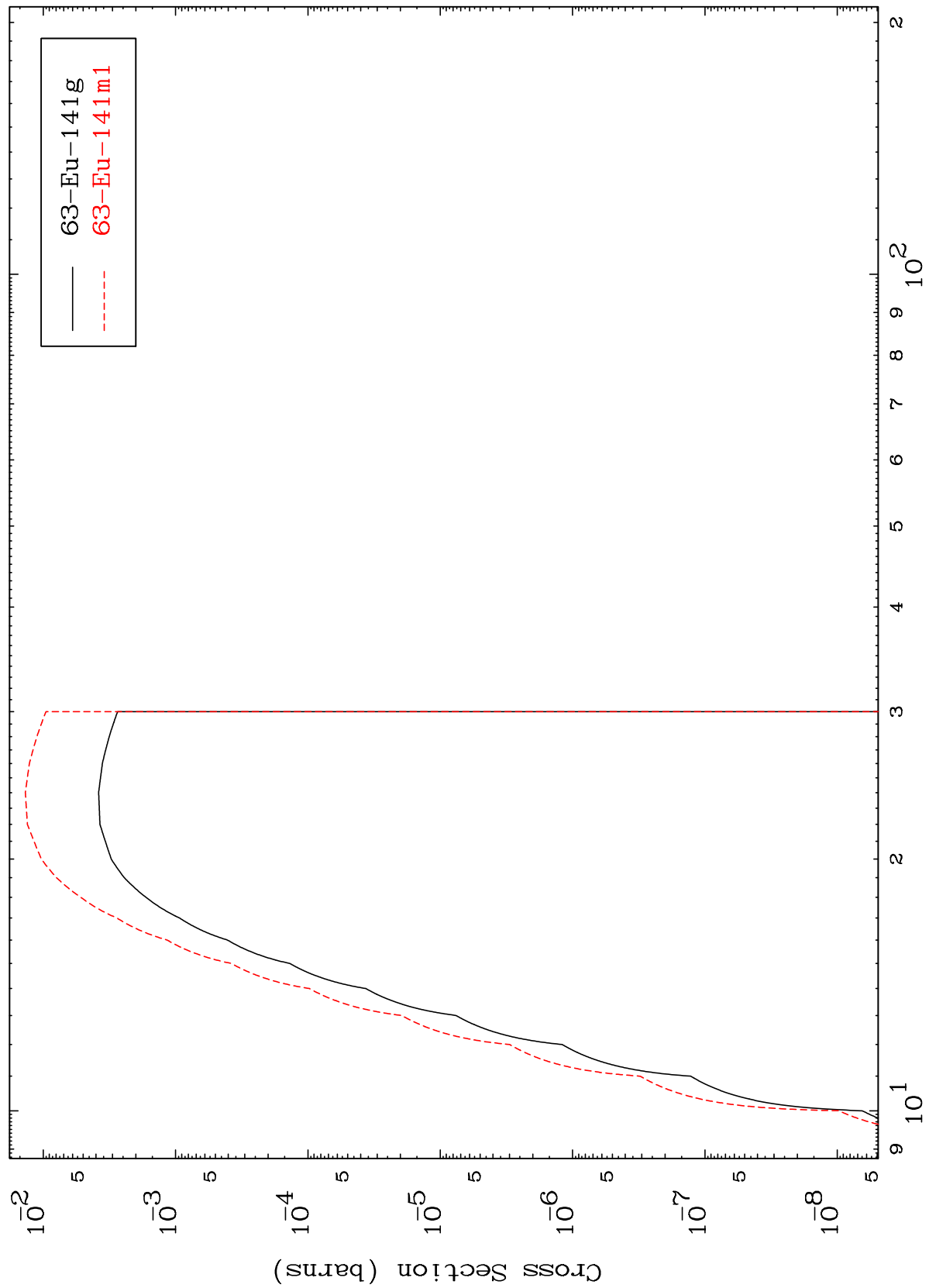
Incident Energy (MeV)

61-Pm-140m

MAT 6129

61-Pm-140m

(n,2n)  
Radionuclide Production Cross Section



61-Pm-140m

Incident Energy (MeV)

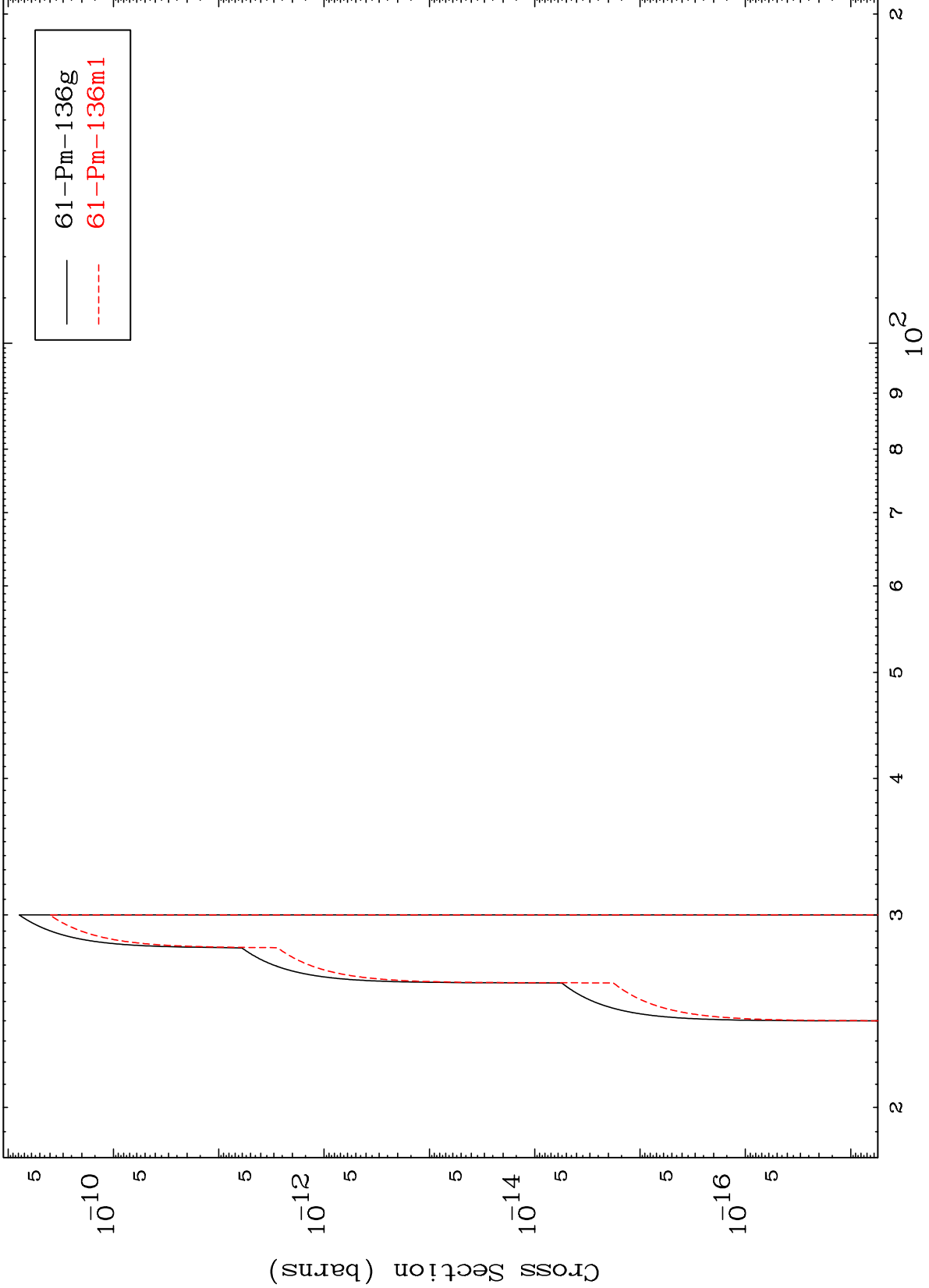
14

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(n,3n)  $\alpha$

61-Pm-140m

Radionuclide Production Cross Section



15

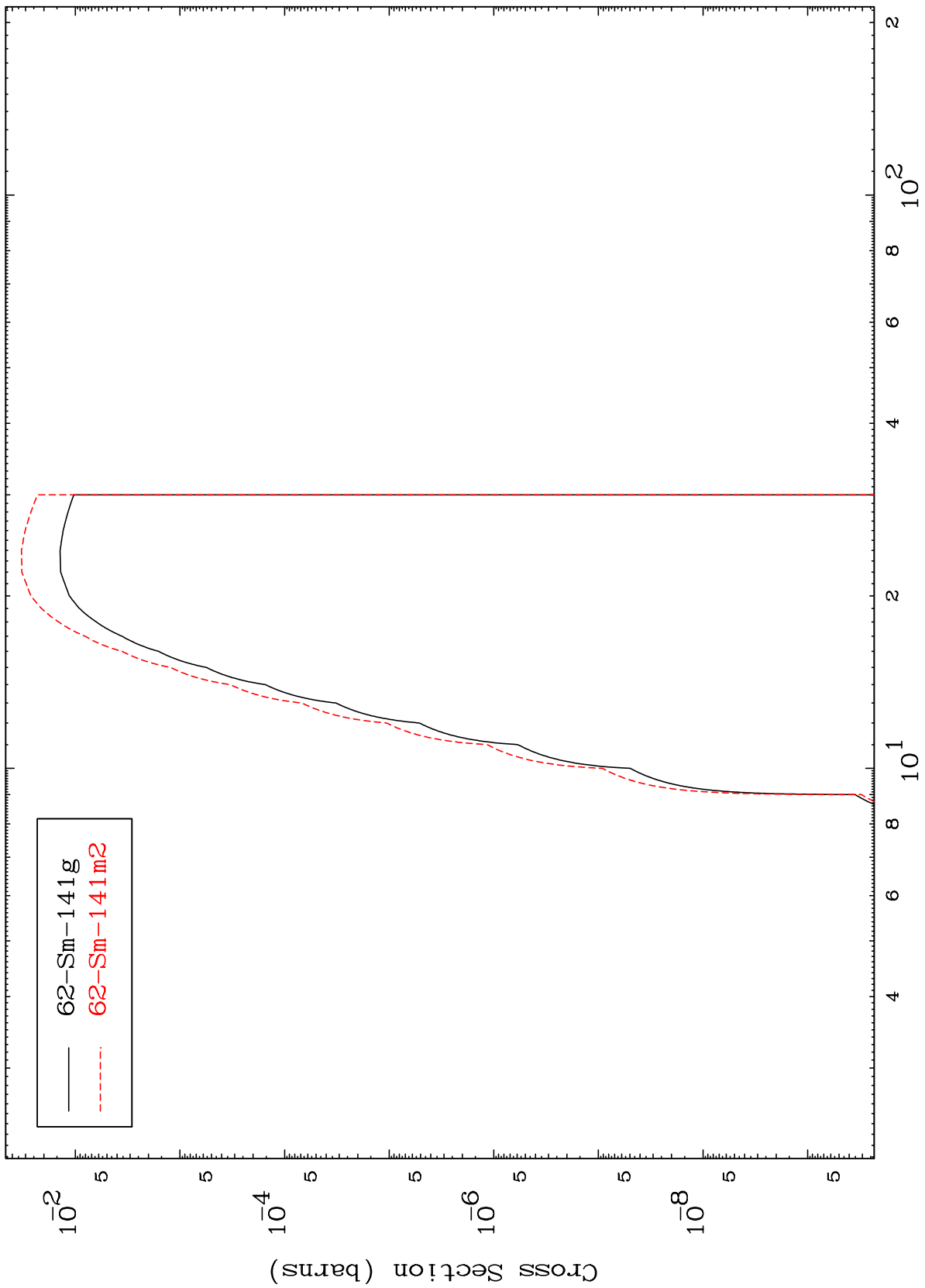
Incident Energy (MeV)

61-Pm-140m

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61-Pm-140m

(n,n') p  
Radionuclide Production Cross Section



16

61-Pm-140m

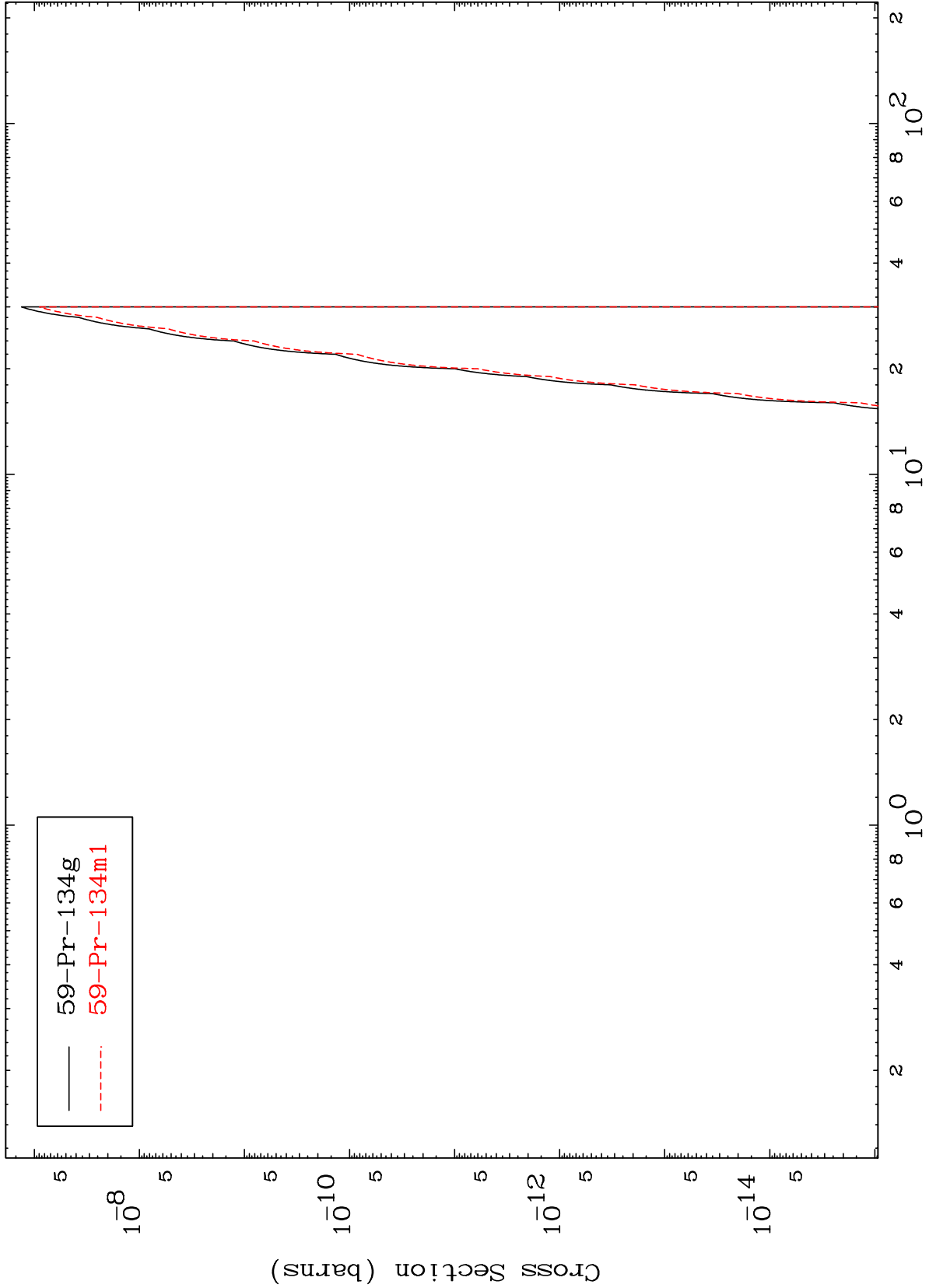
Incident Energy (MeV)

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(n,n') 2 $\alpha$

61-Pm-140m

Radionuclide Production Cross Section

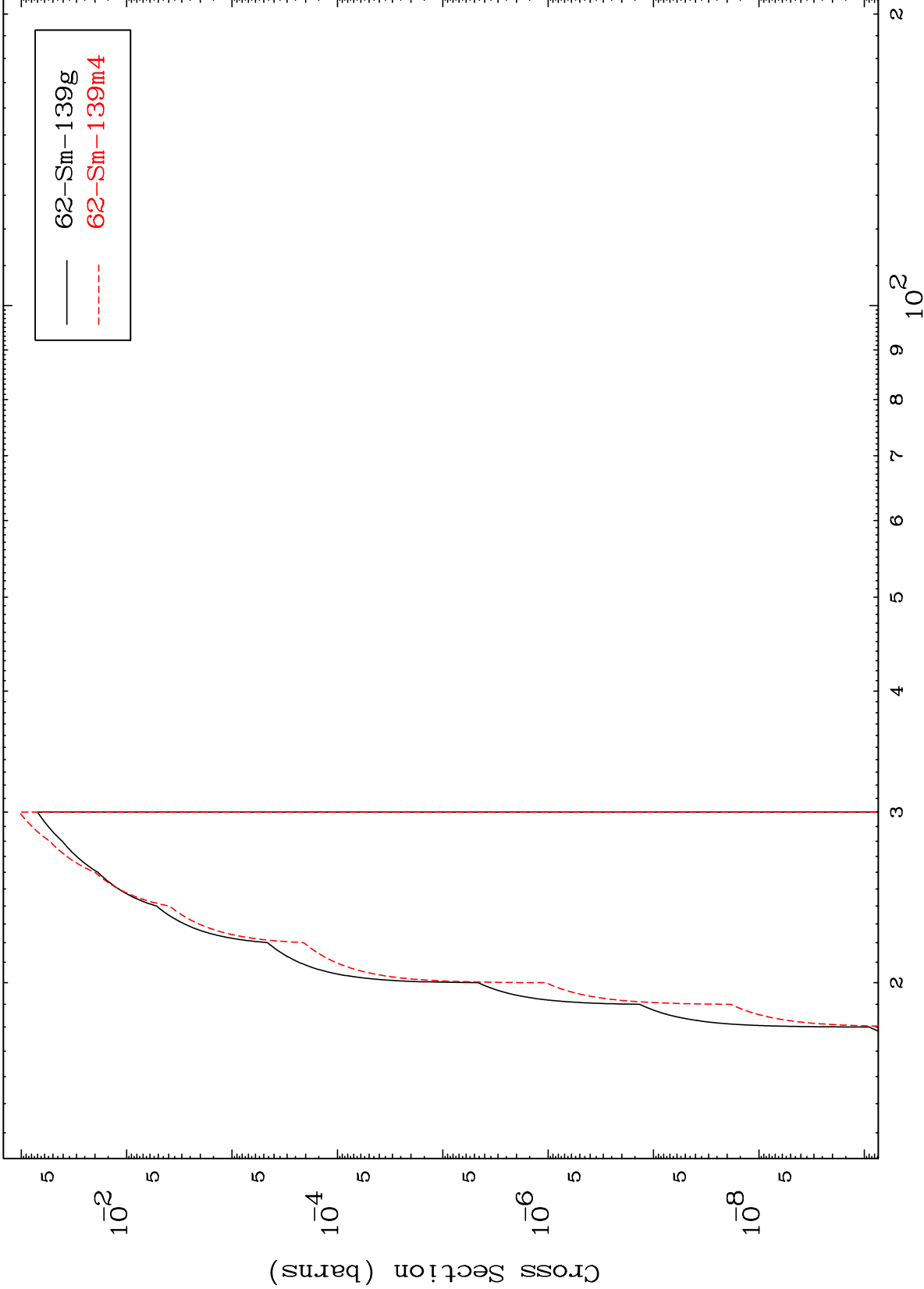


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(n,n') t

61-Pm-140m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

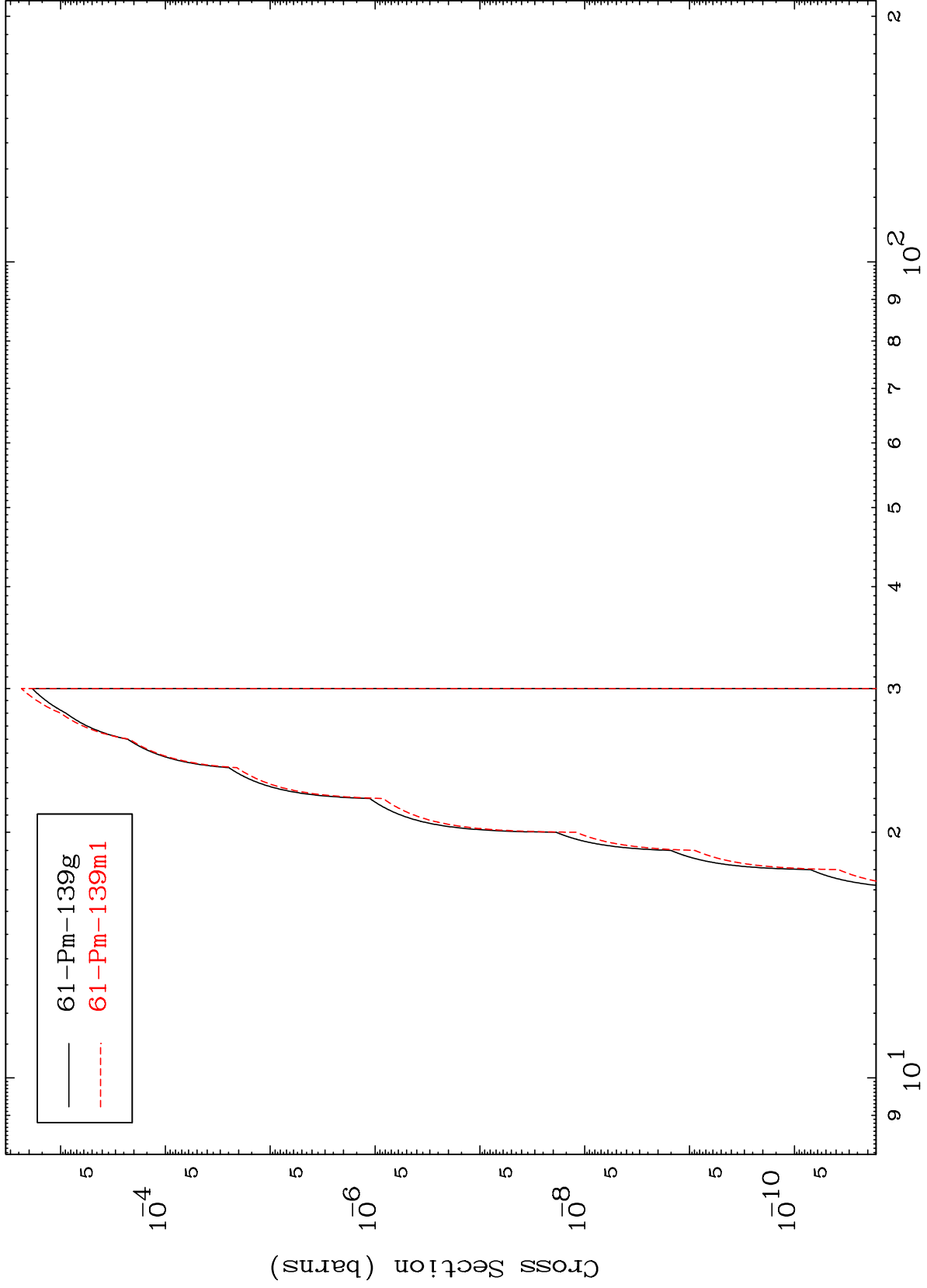
61-Pm-140m

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(n,n') He-3

61-Pm-140m

Radionuclide Production Cross Section



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

19

Incident Energy (MeV)

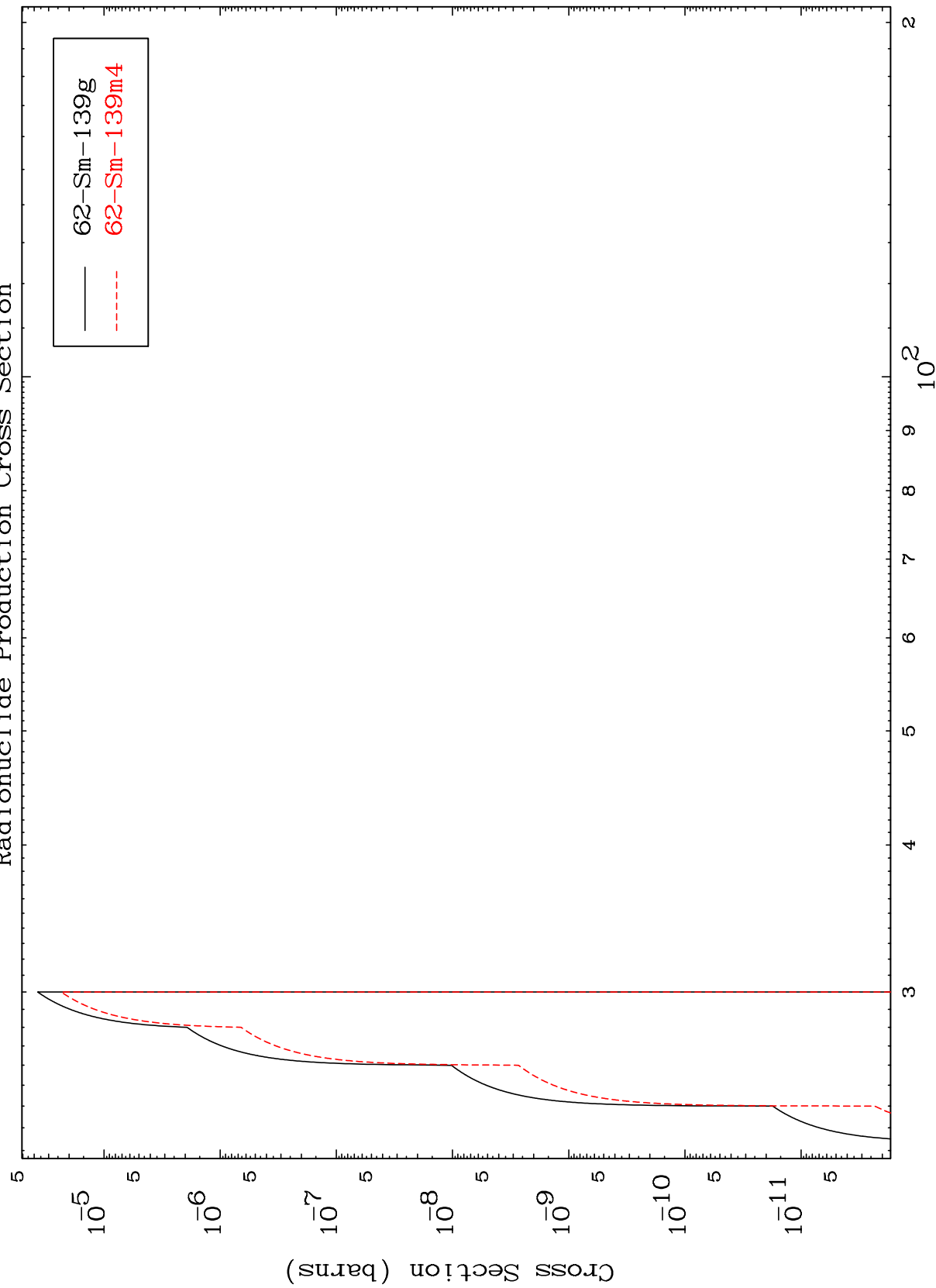
61-Pm-140m

MAT 6129

(n,3n) p

61-Pm-140m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

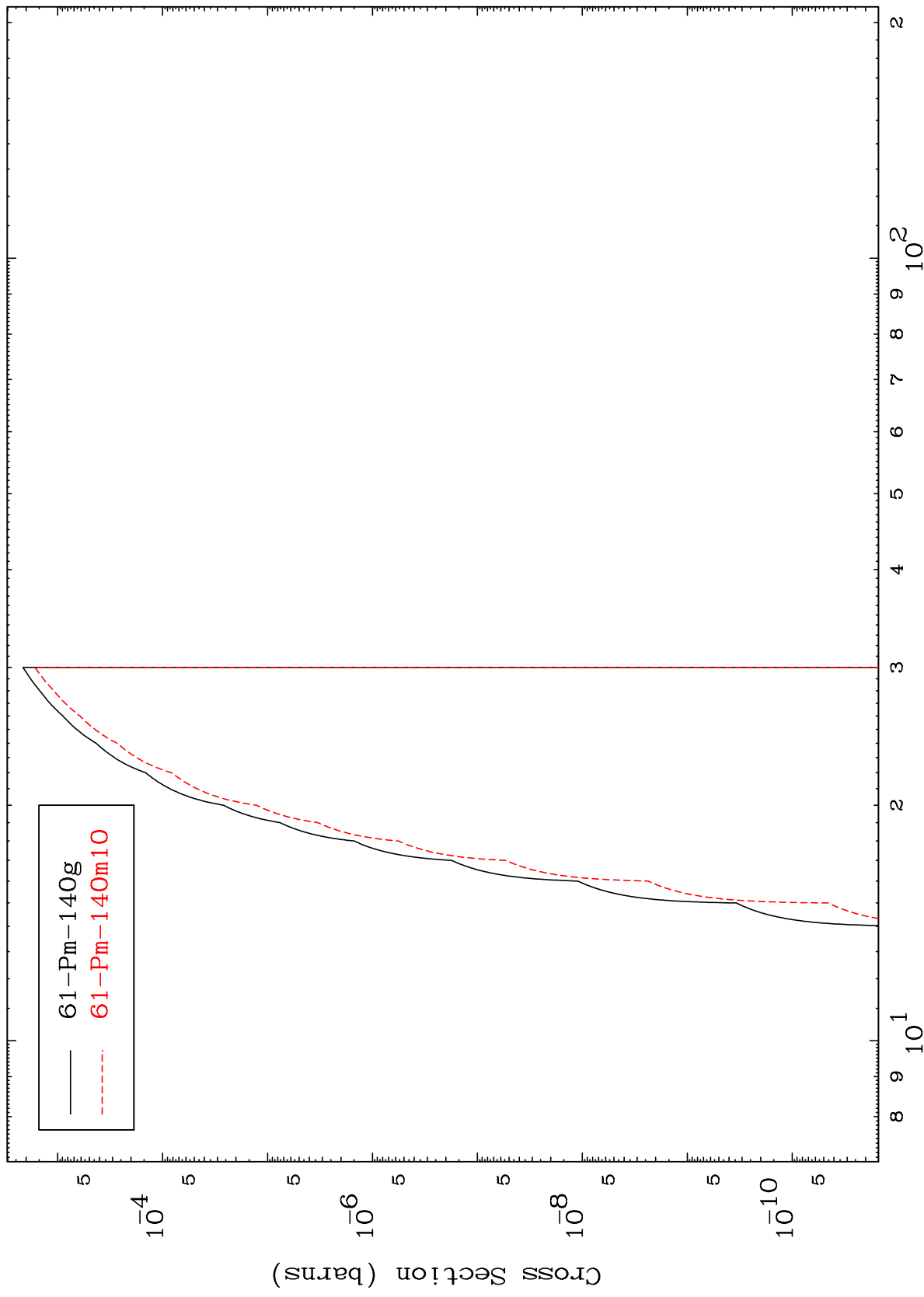
61-Pm-140m

MAT 6129

(n,2n) p

61-Pm-140m

Radionuclide Production Cross Section

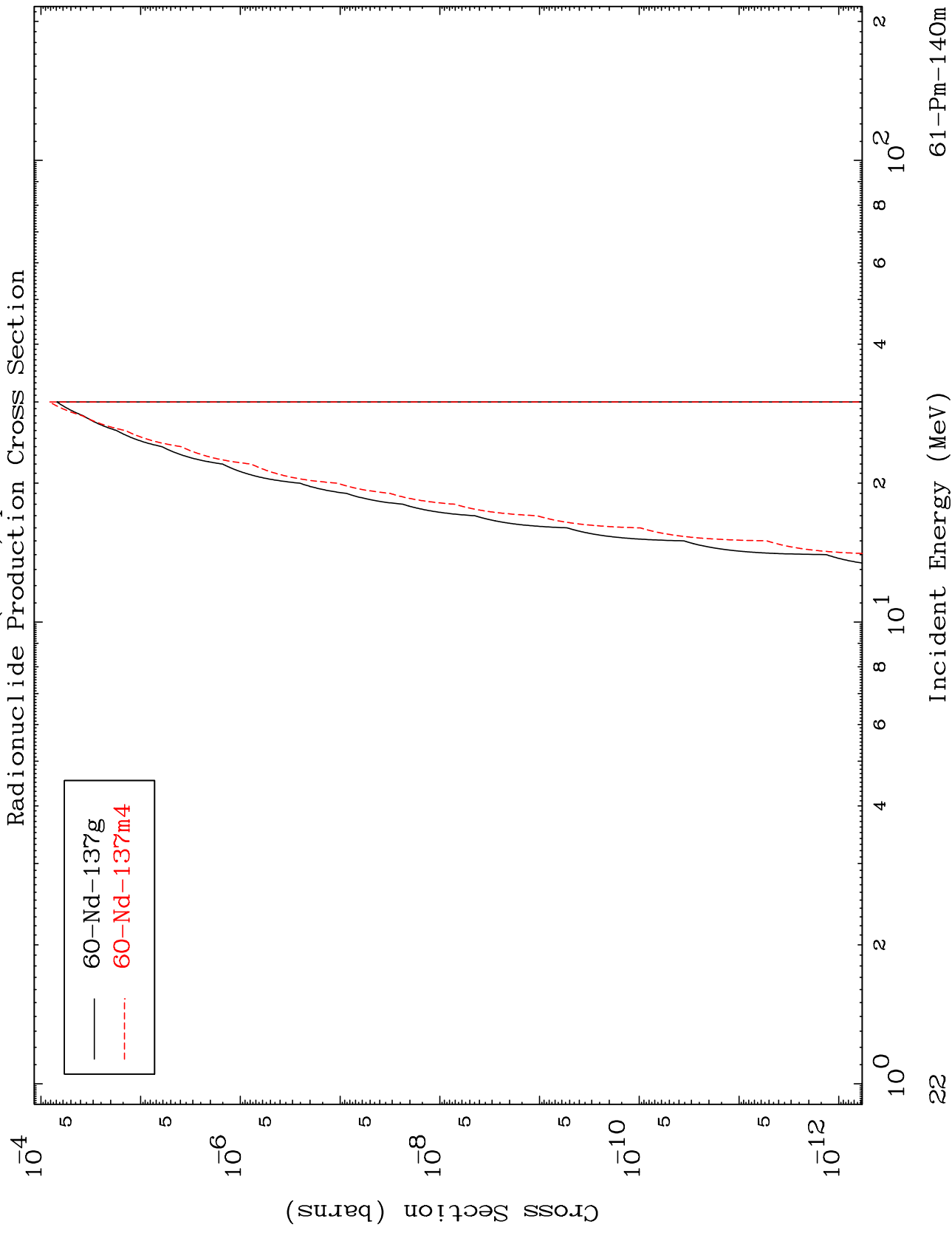


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(n,n') p  $\alpha$

61-Pm-140m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

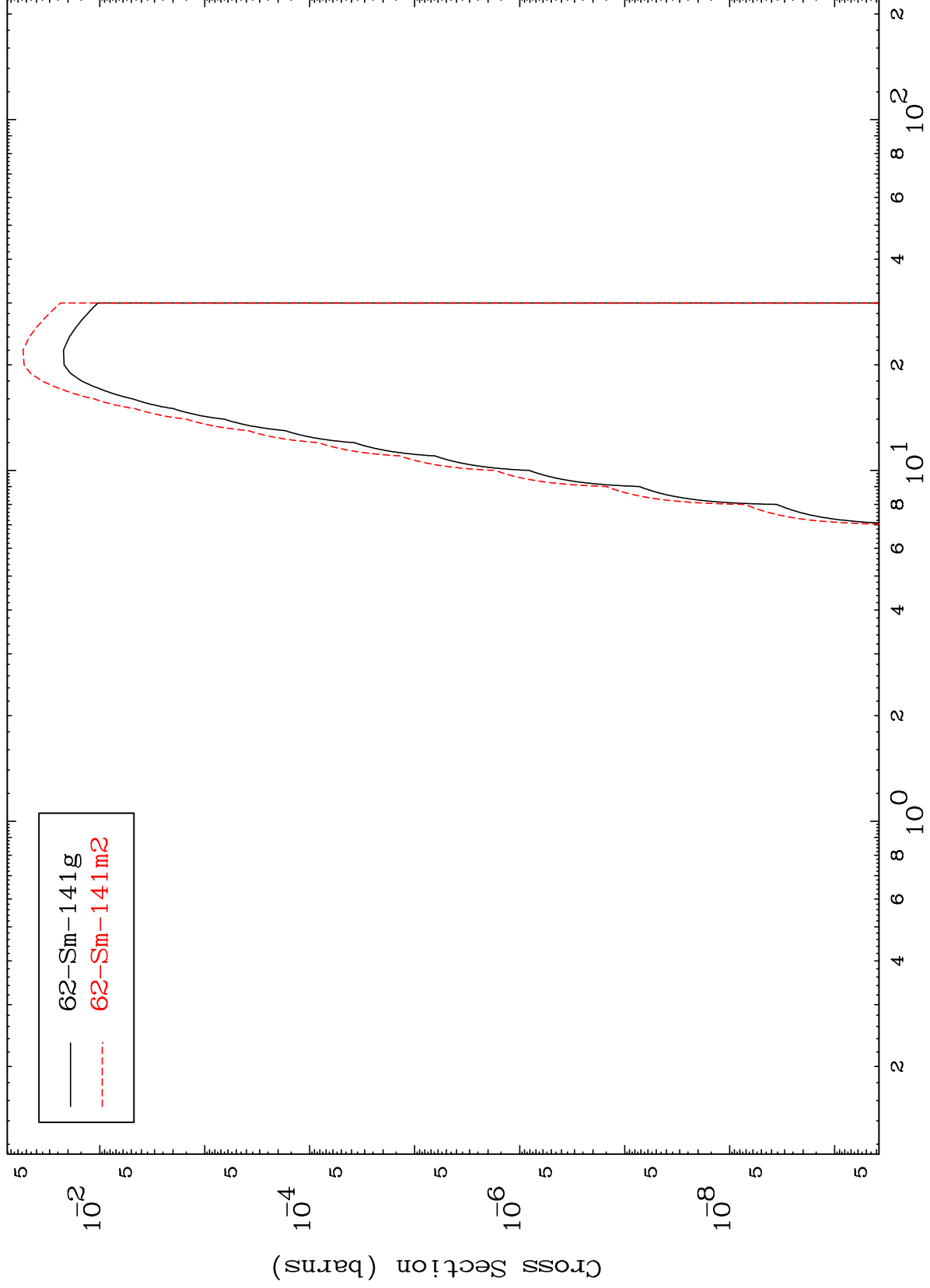
61-Pm-140m

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(n,d)

61-Pm-140m

Radionuclide Production Cross Section

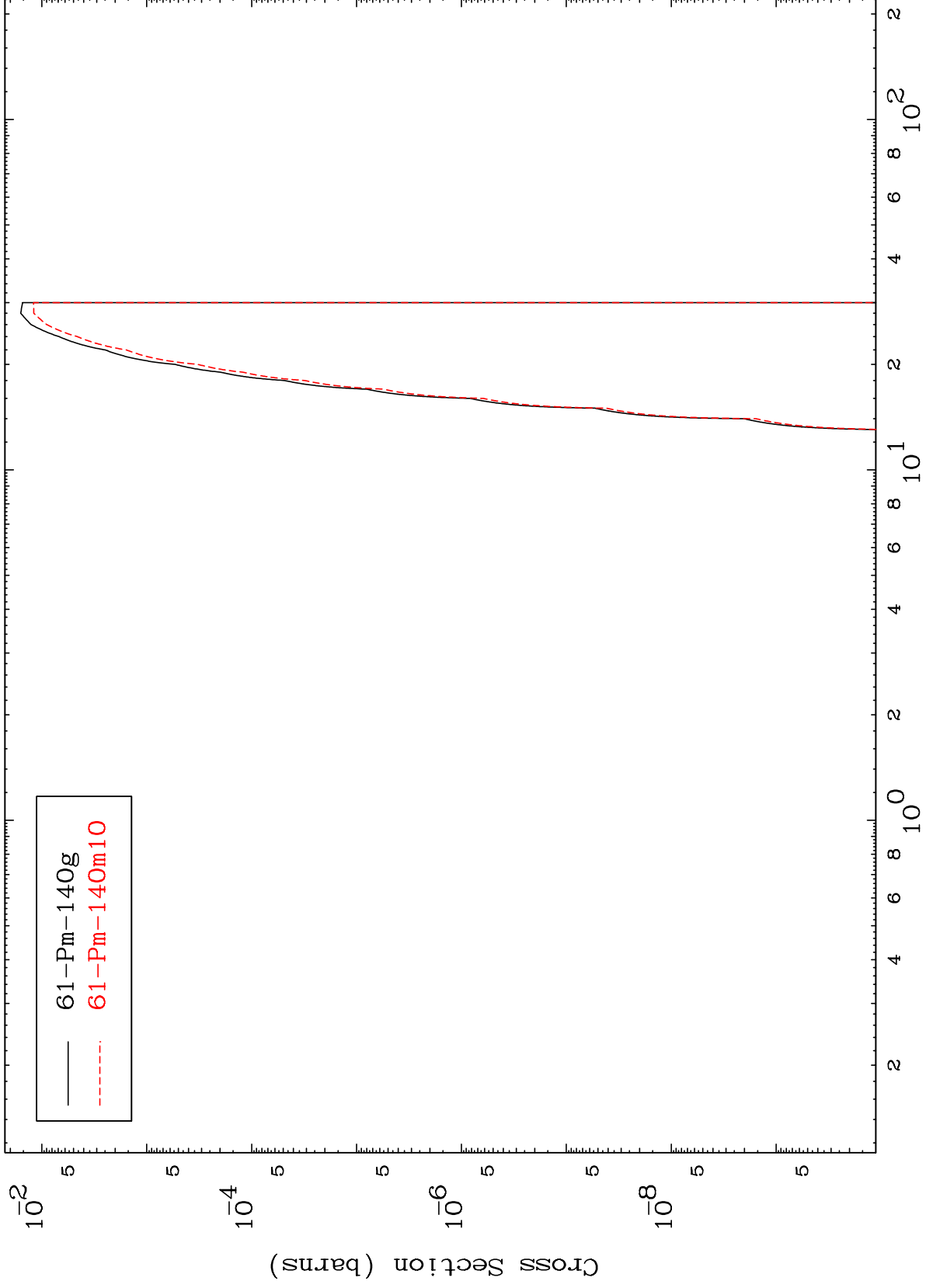


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(n,He-3)

61-Pm-140m

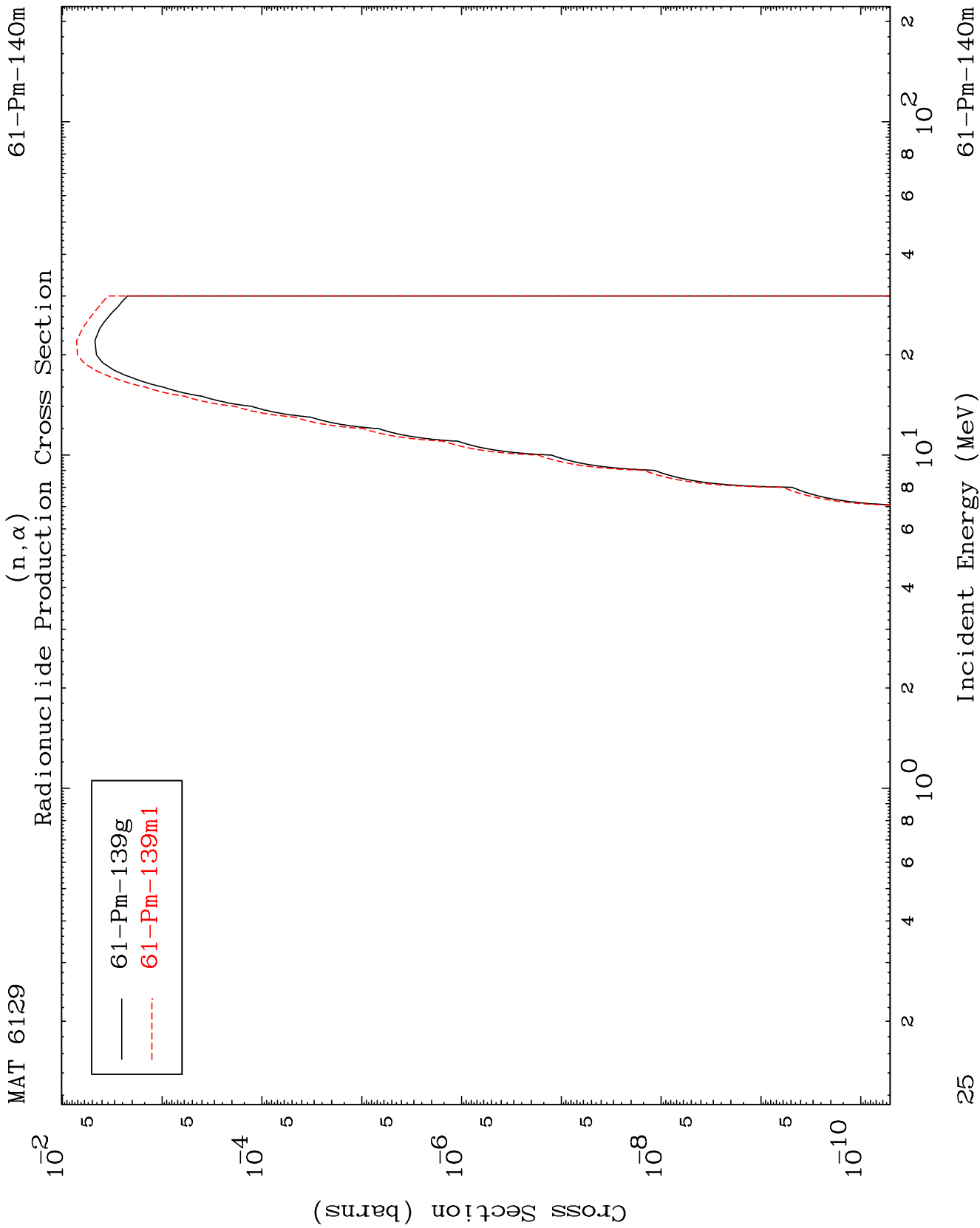
Radionuclide Production Cross Section



24

Incident Energy (MeV)

61-Pm-140m

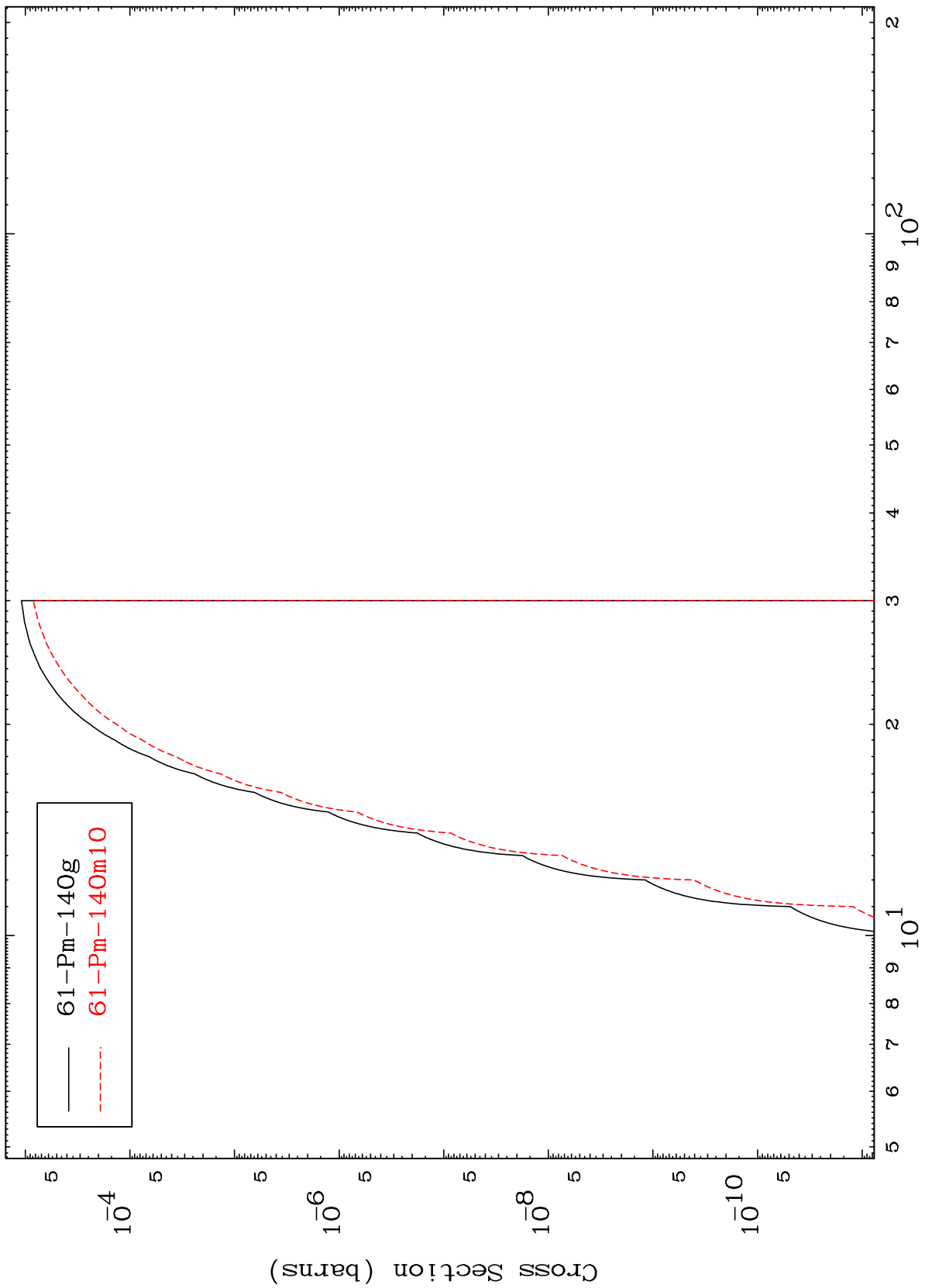


MAT 6129

(n,p) d

61-Pm-140m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

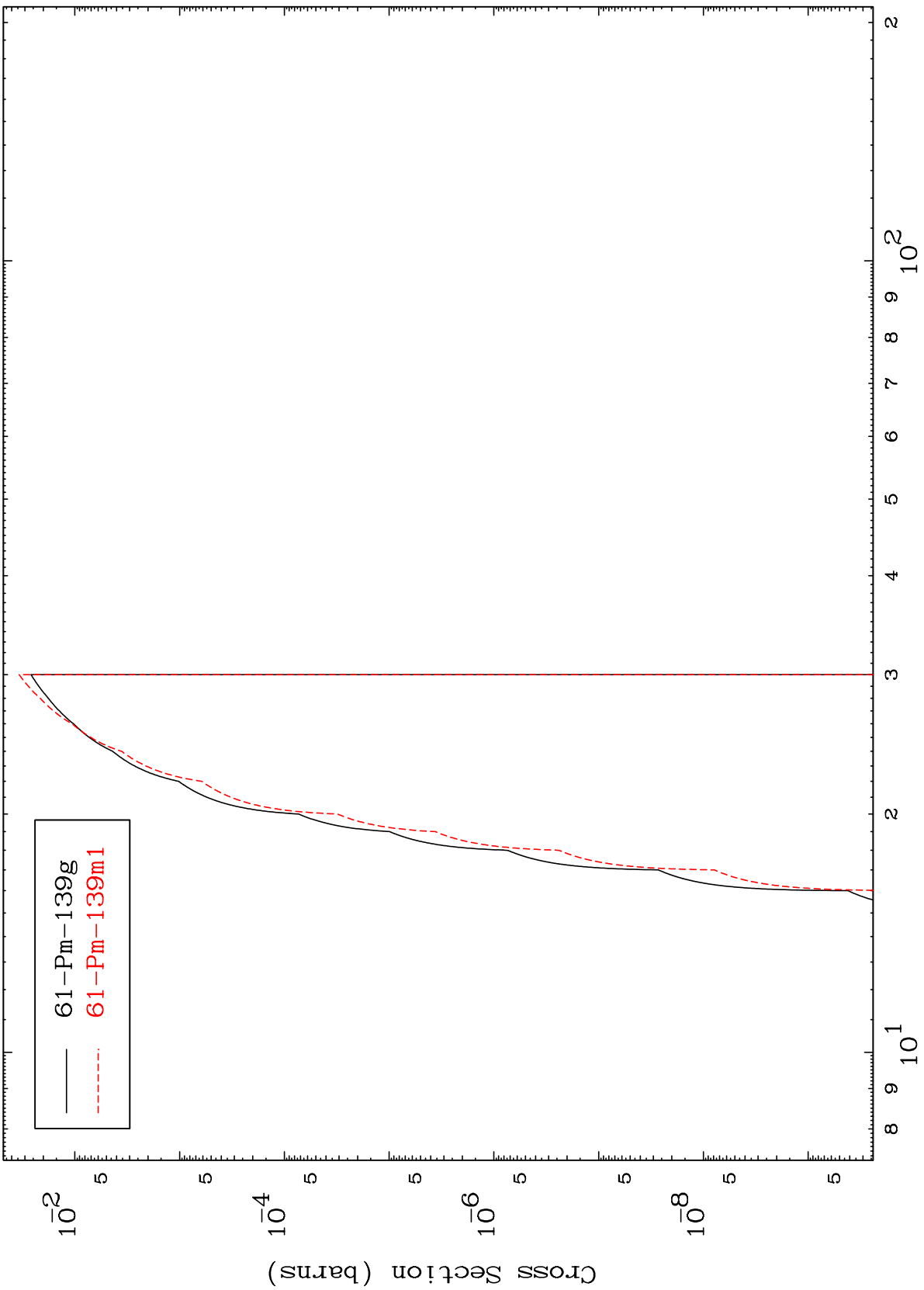
61-Pm-140m

MAT 6129

(n,p) t

61-Pm-140m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

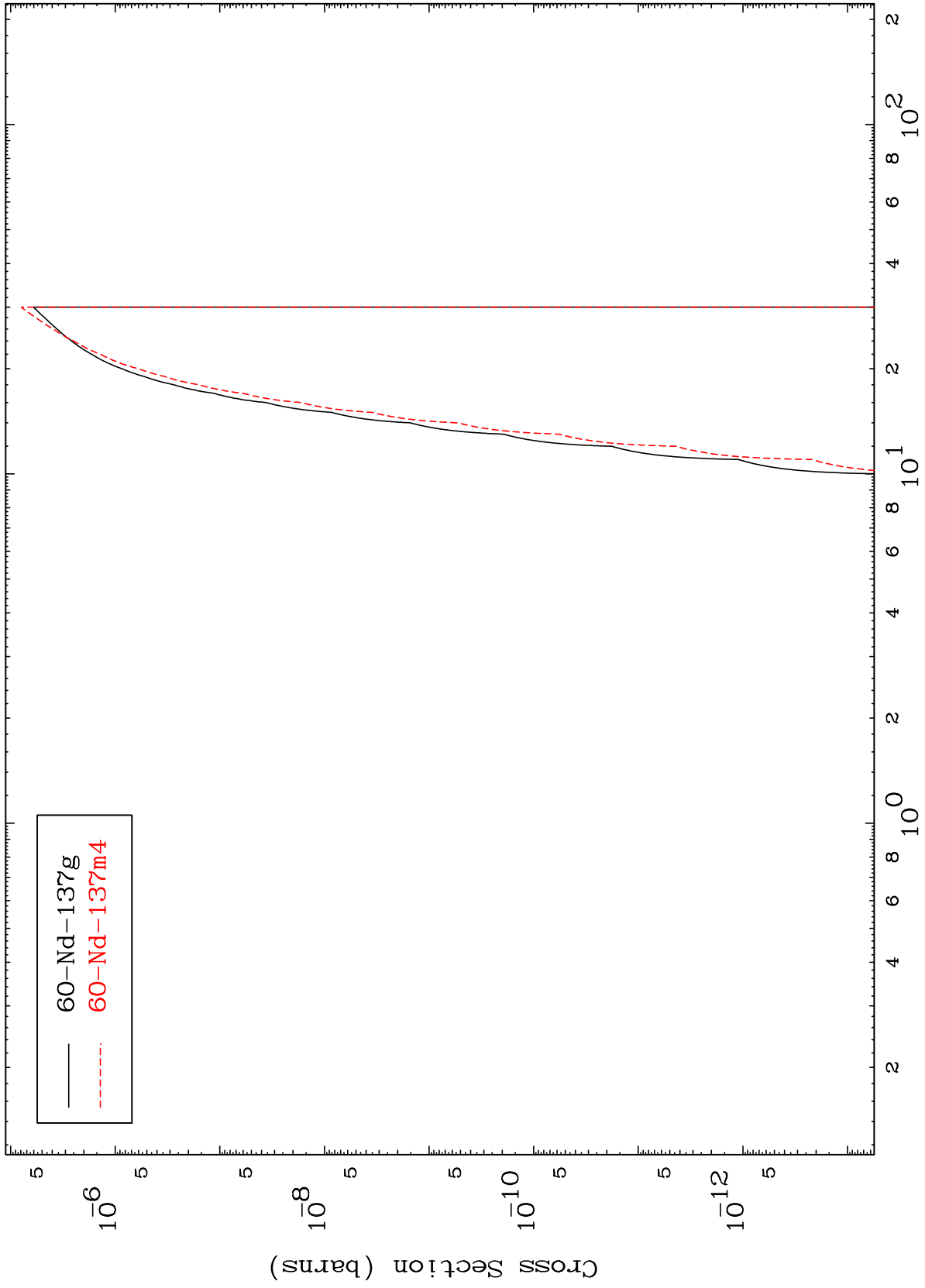
61-Pm-140m

MAT 6129

(n,d)  $\alpha$

61-Pm-140m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

61-Pm-140m