

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

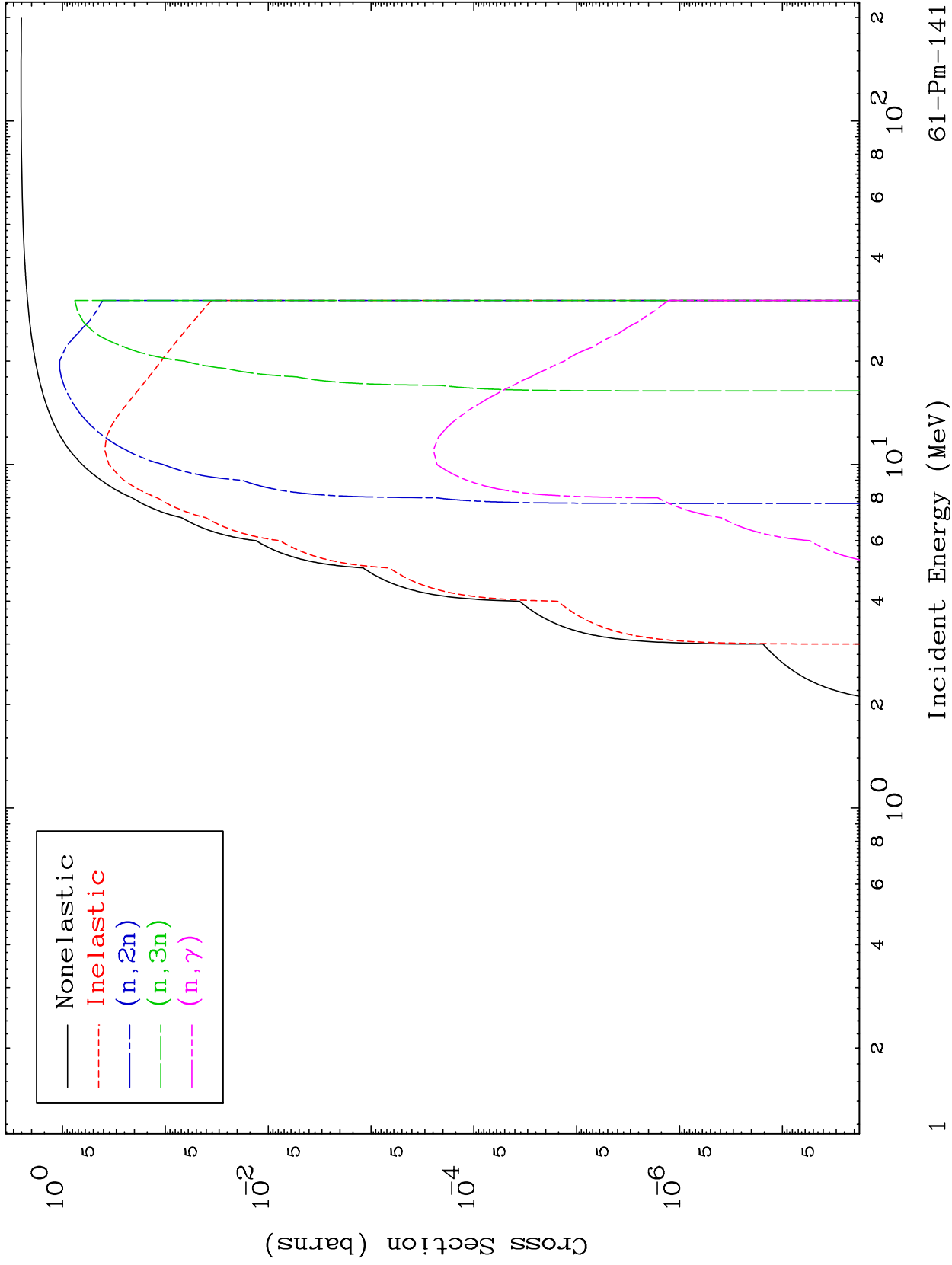
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Web:redcullen1.net/HOMEPAGE.NEW

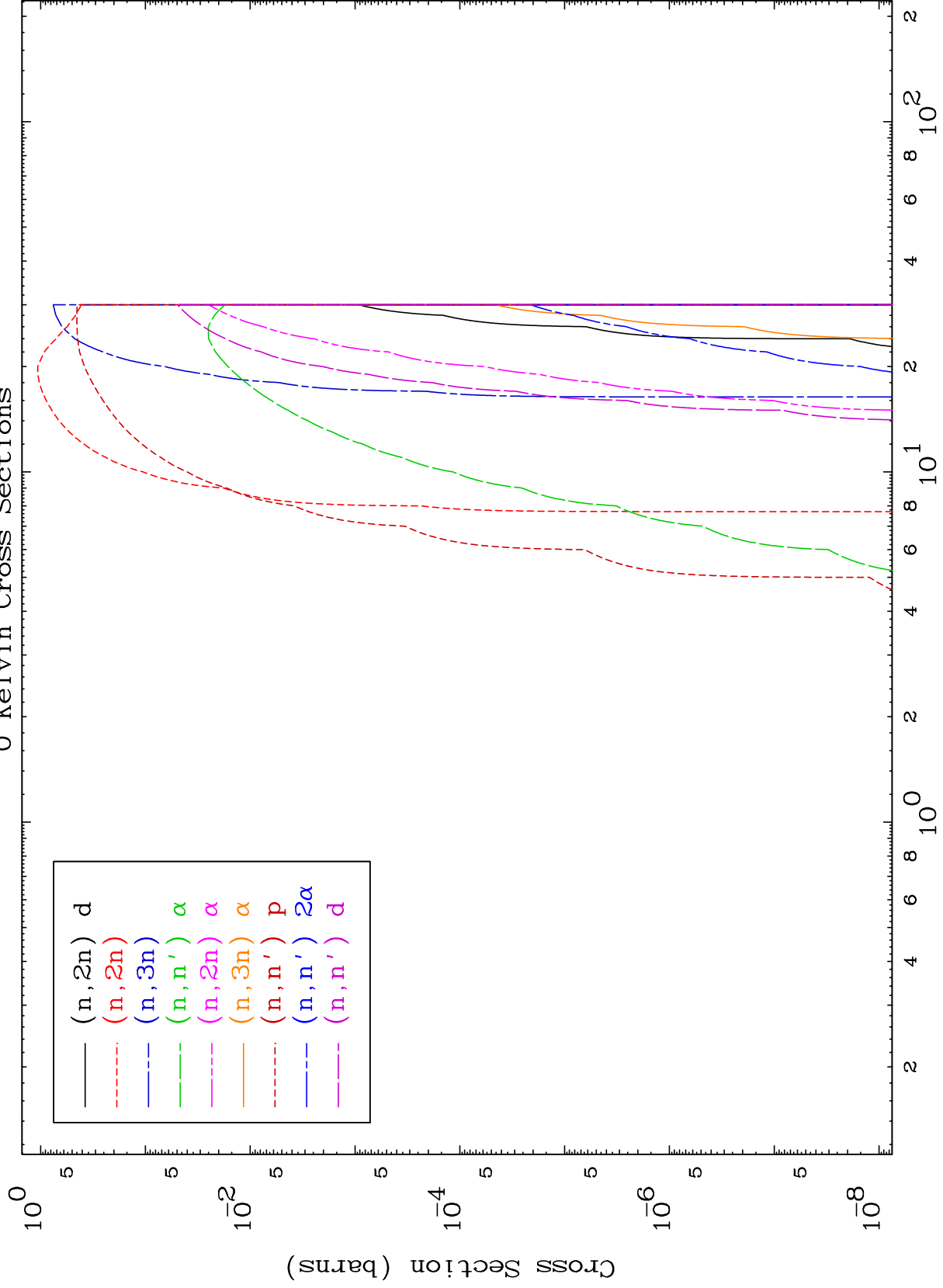
Press Mouse Button to Start

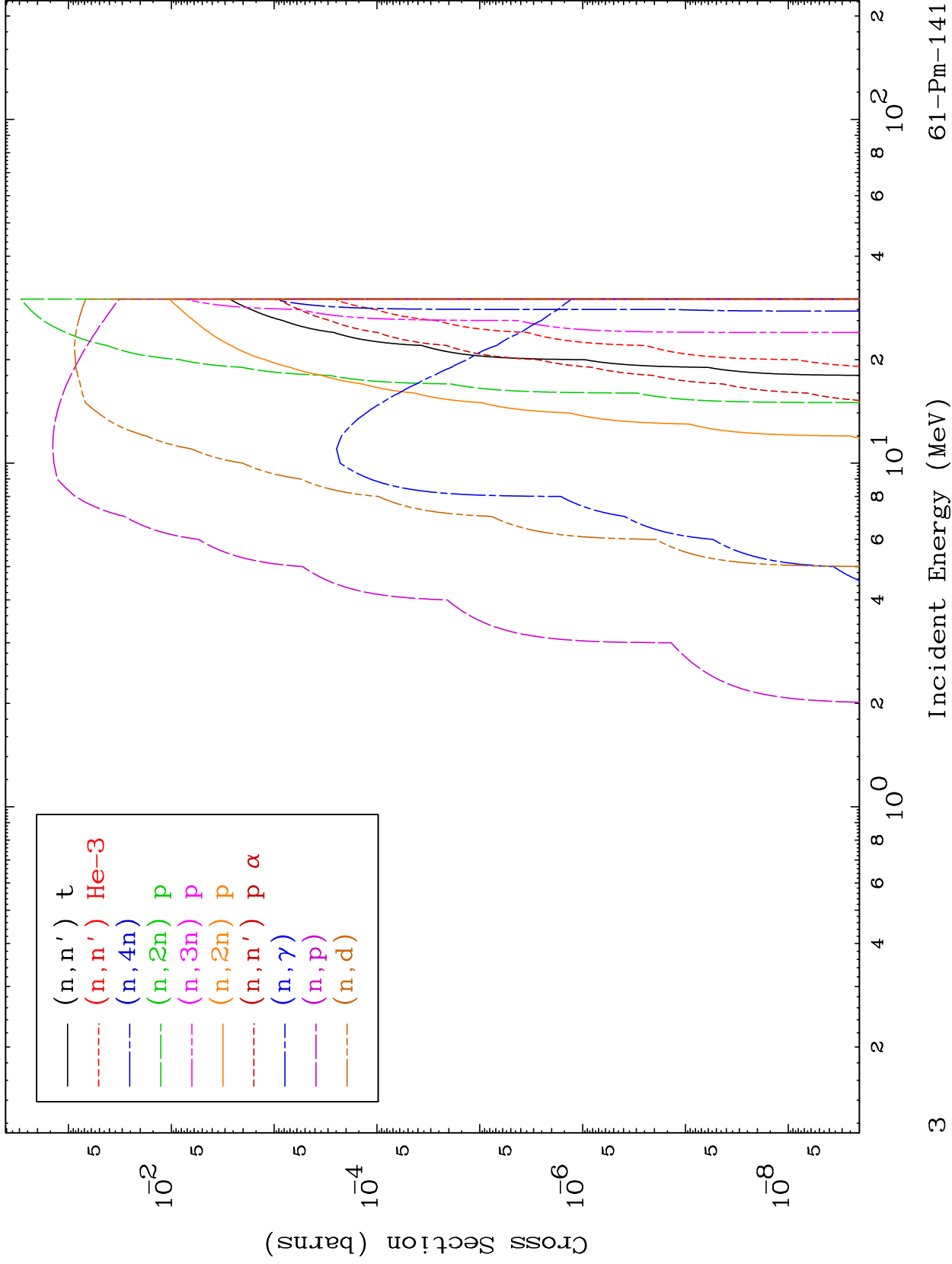


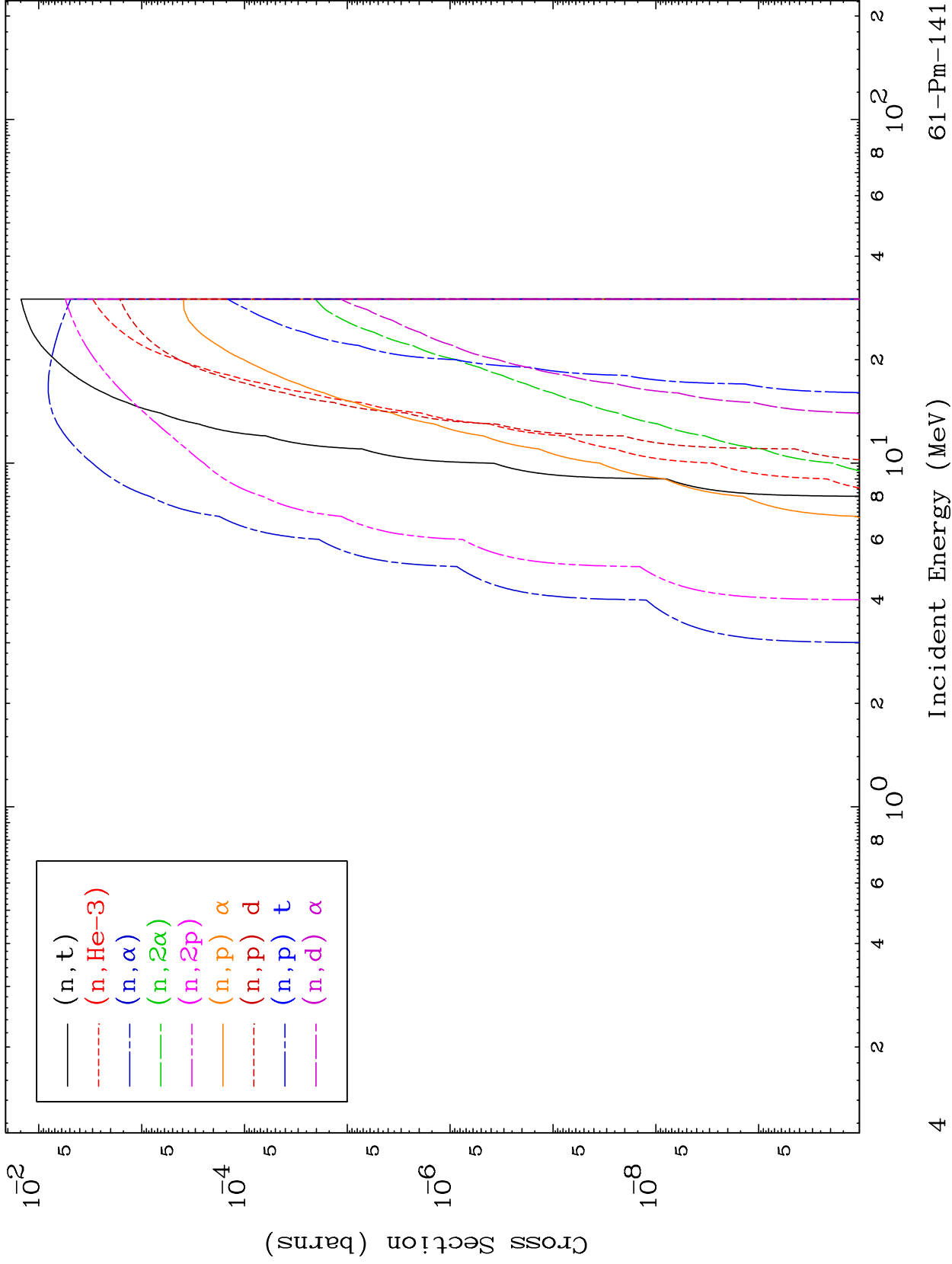
MAT 6131

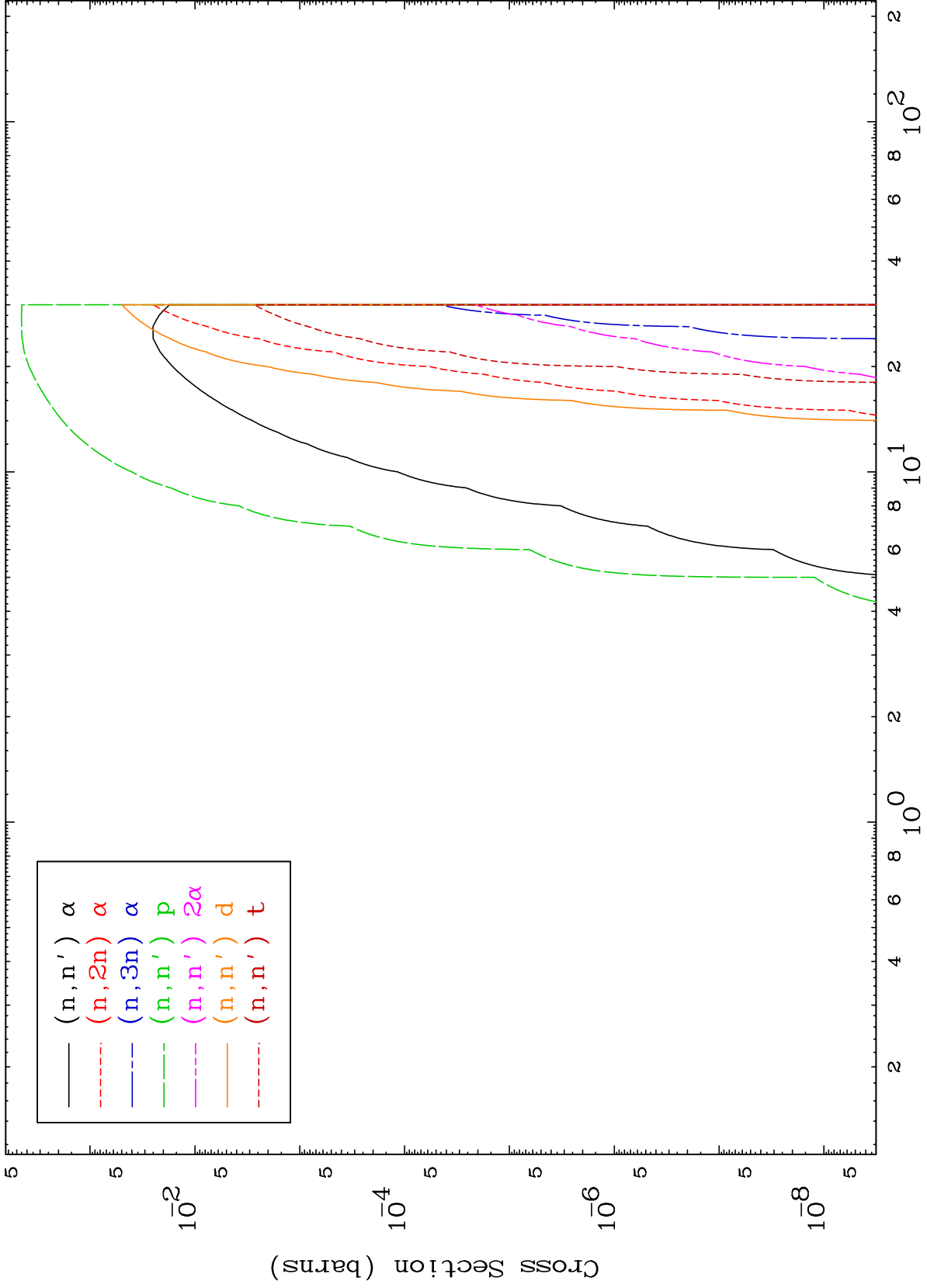
Deuteron Neutron Absorption  
0 Kelvin Cross Sections

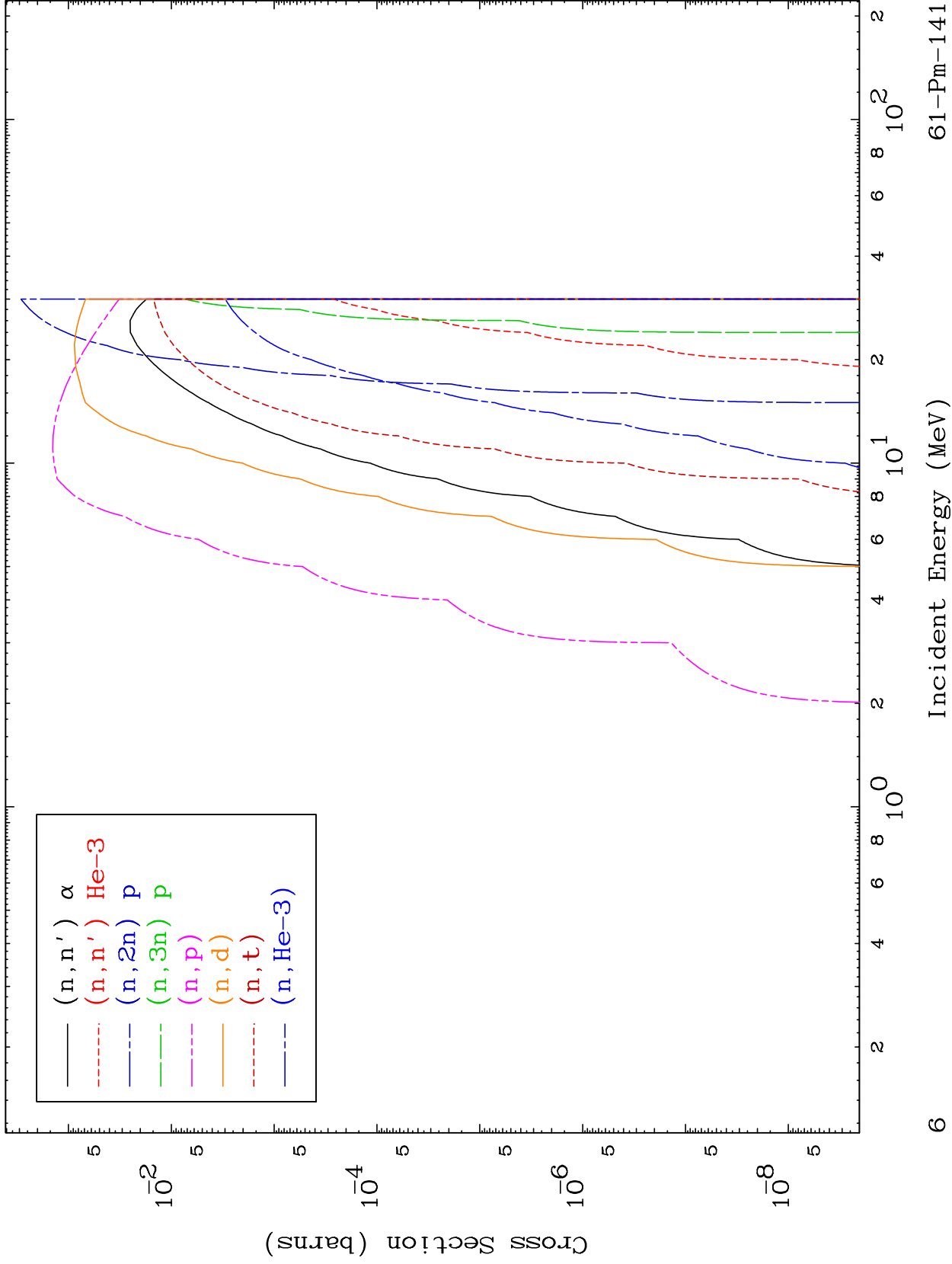
61-Pm-141

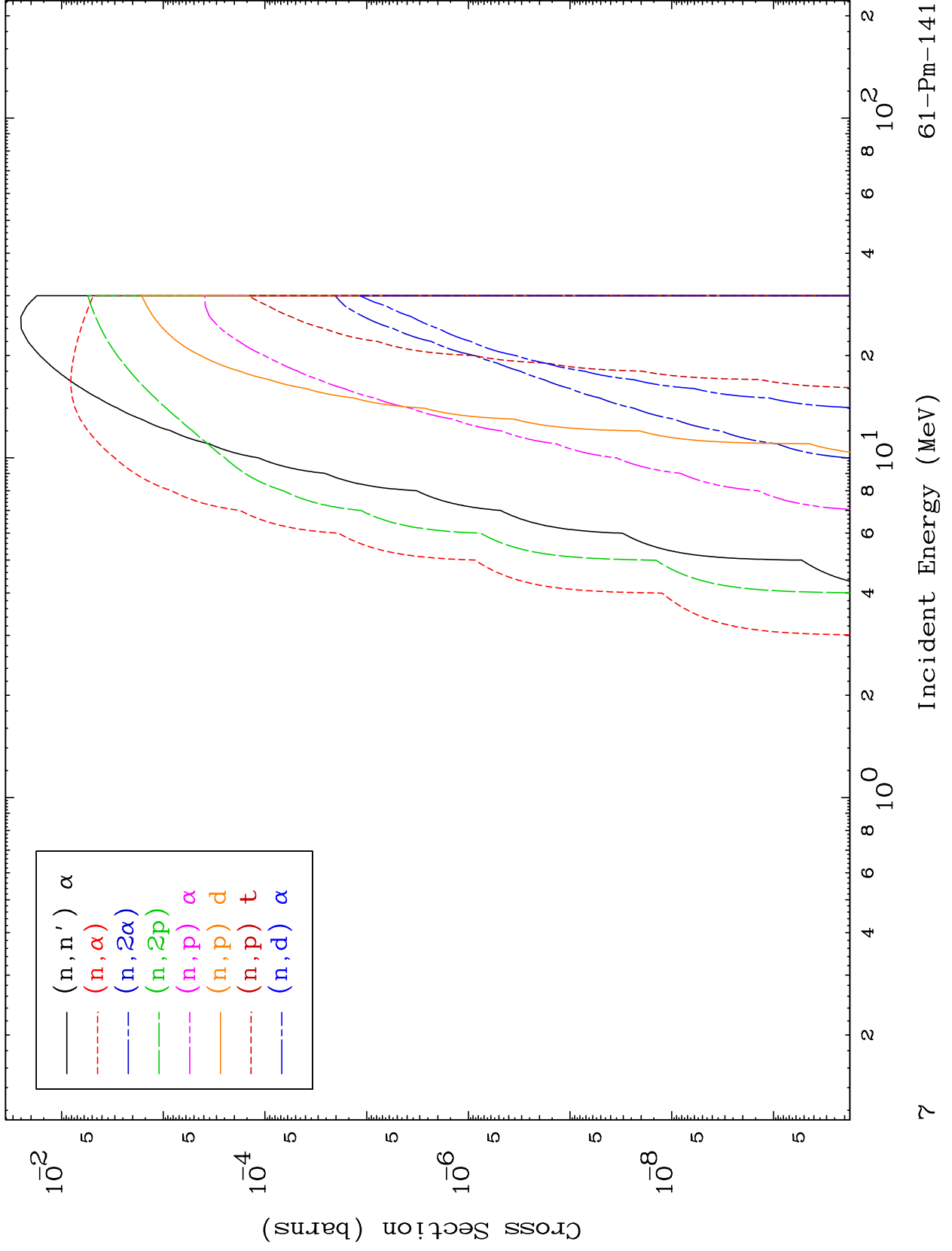












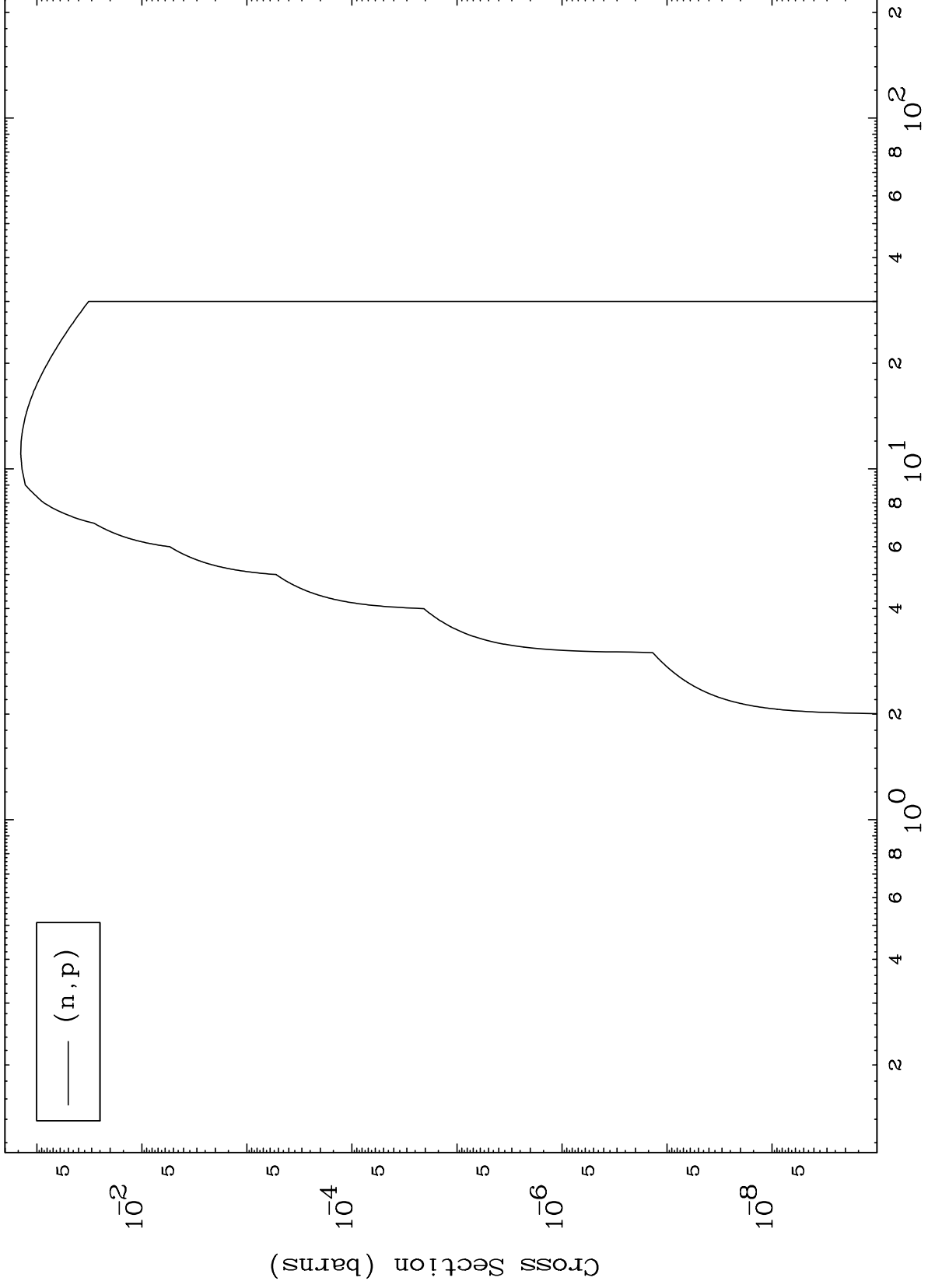


MAT 6131

(d,p) Levels

61-Pm-141

0 Kelvin Cross Sections

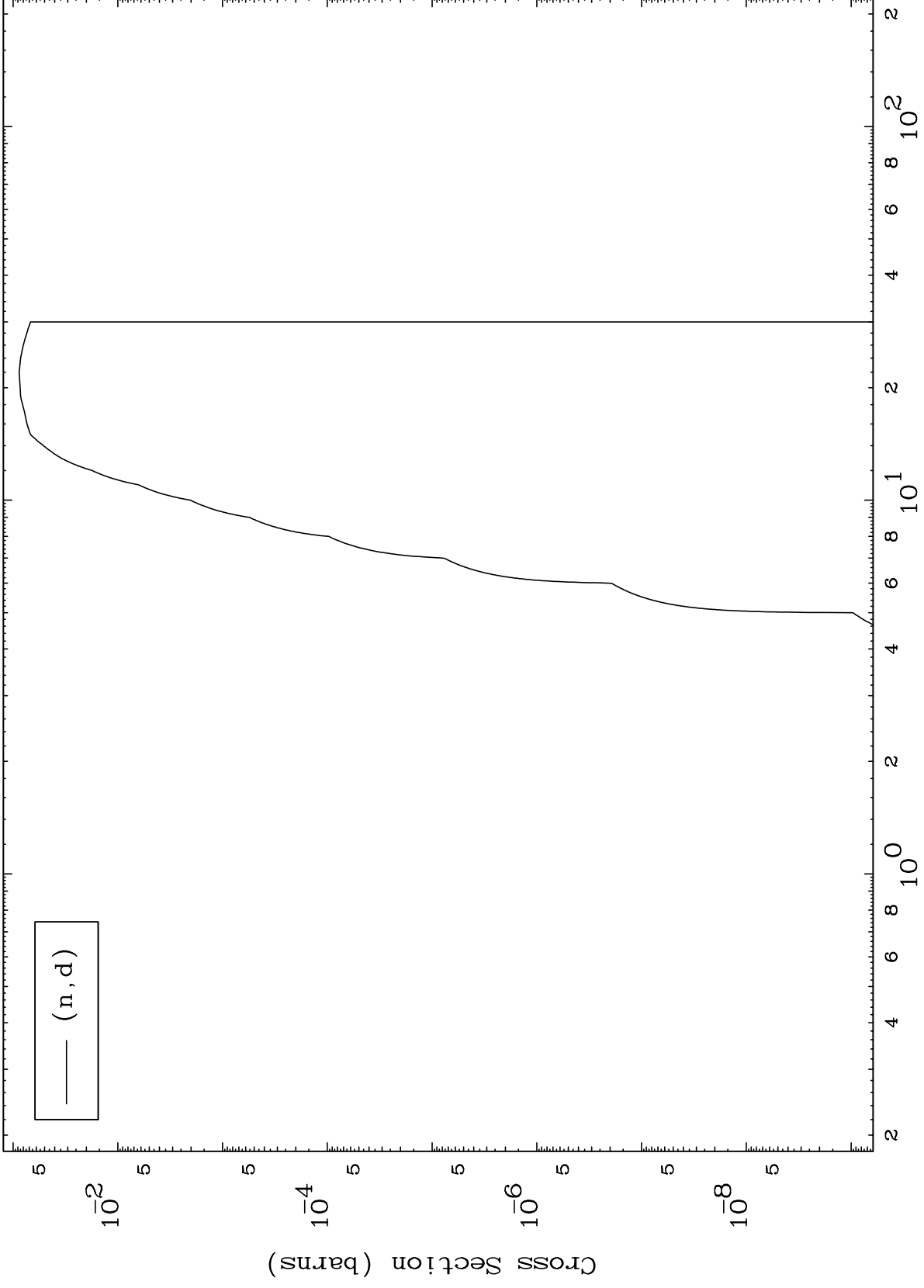


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(d,d) Levels

61-Pm-141

0 Kelvin Cross Sections



9

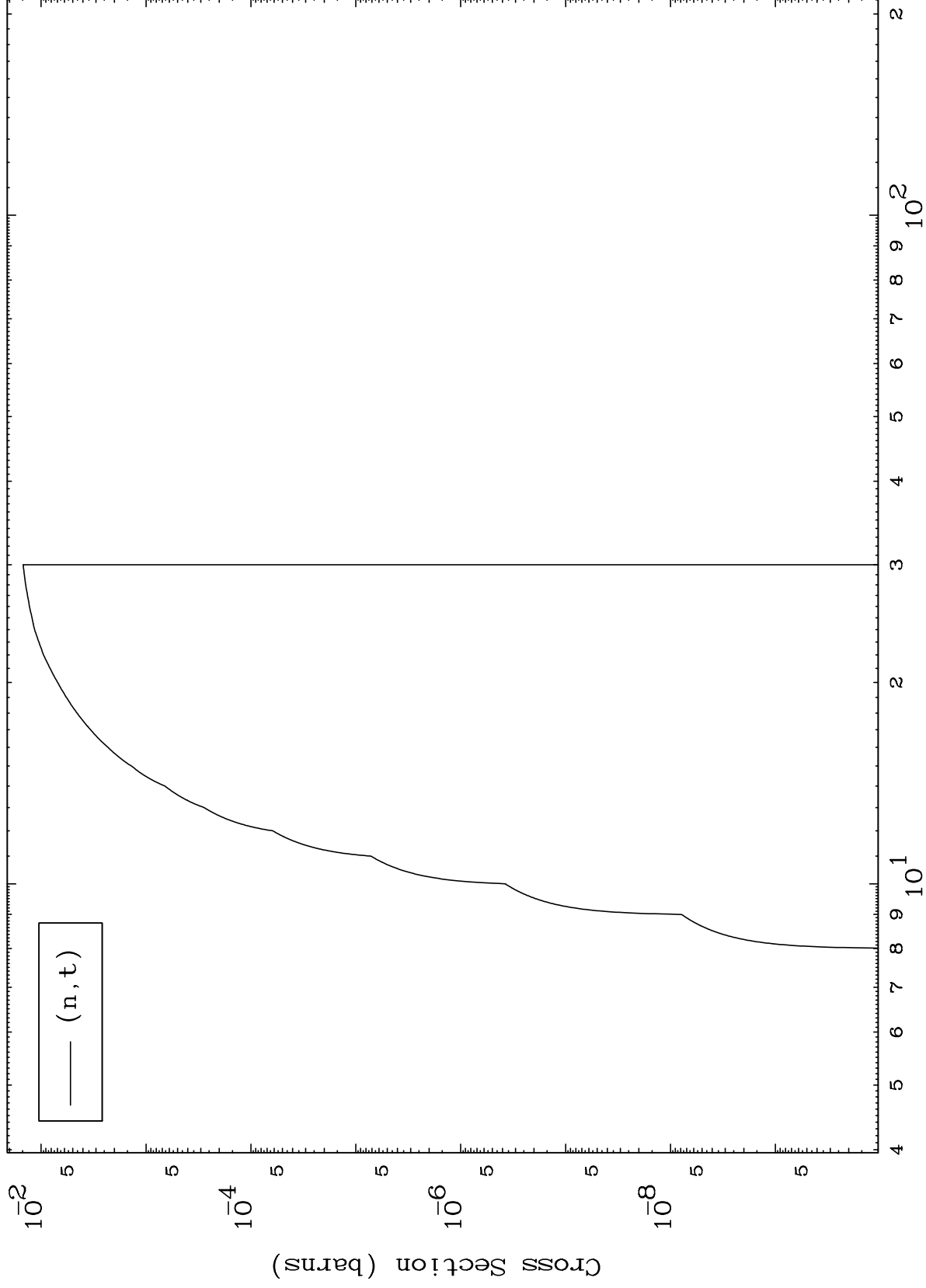
Incident Energy (MeV)

61-Pm-141

MAT 6131

(d,t) Levels  
0 Kelvin Cross Sections

61-Pm-141



10

Incident Energy (MeV)

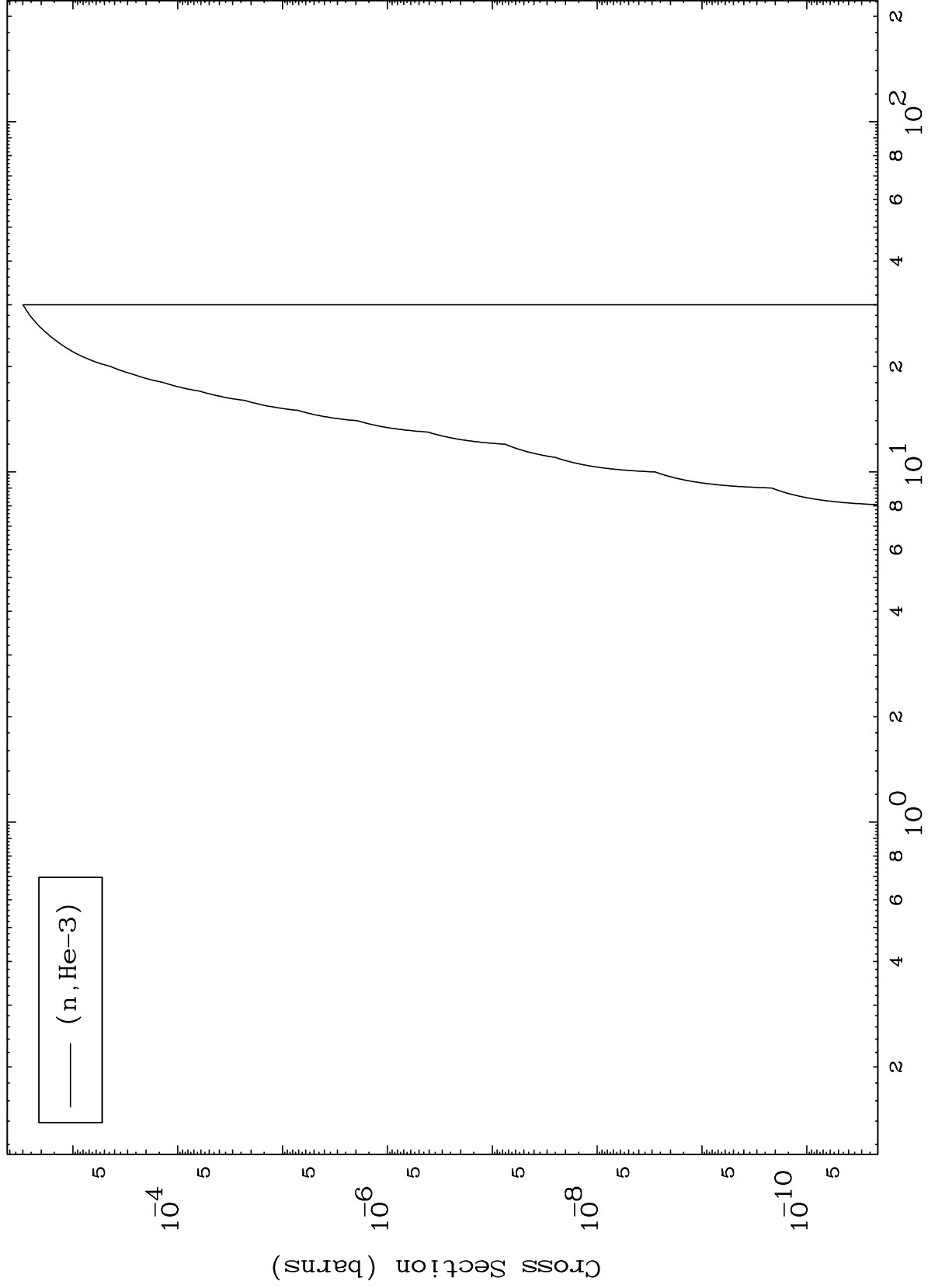
61-Pm-141

MAT 6131

(d,He3) Levels

61-Pm-141

0 Kelvin Cross Sections



11

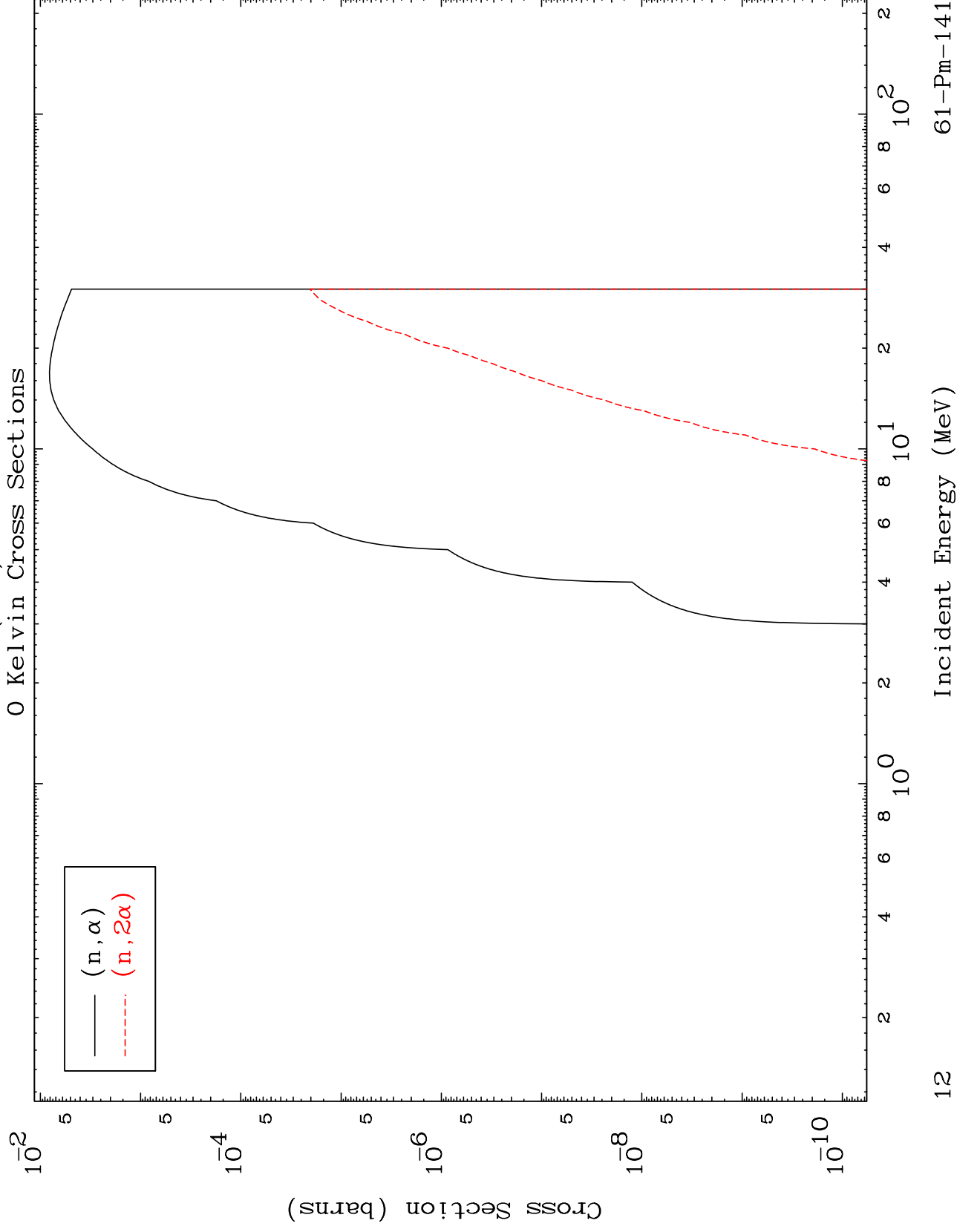
Incident Energy (MeV)

61-Pm-141

MAT 6131

(d,  $\alpha$ ) Levels

61-Pm-141



12

Incident Energy (MeV)

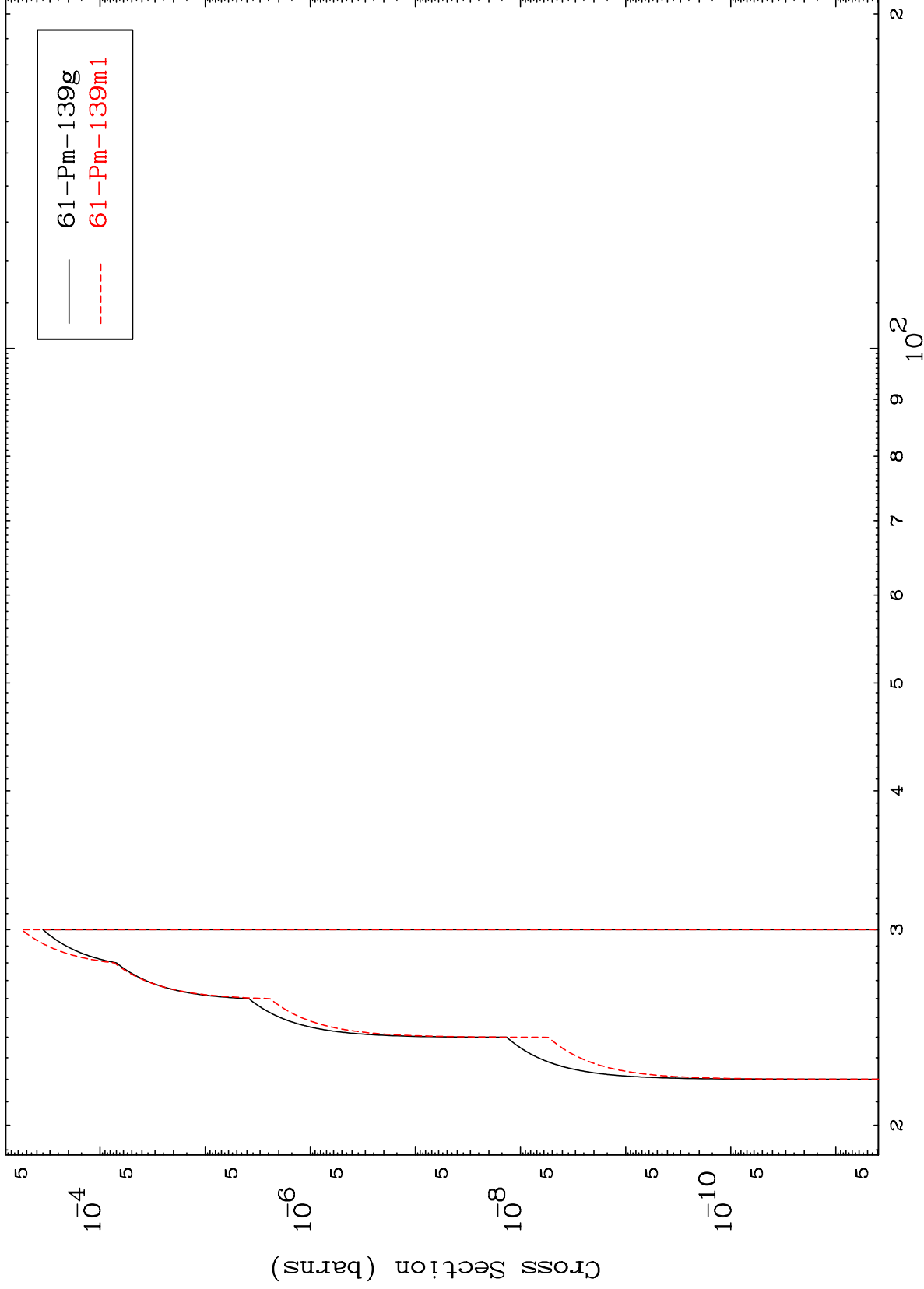
61-Pm-141

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(n,2n) d

61-Pm-141

Radionuclide Production Cross Section



13

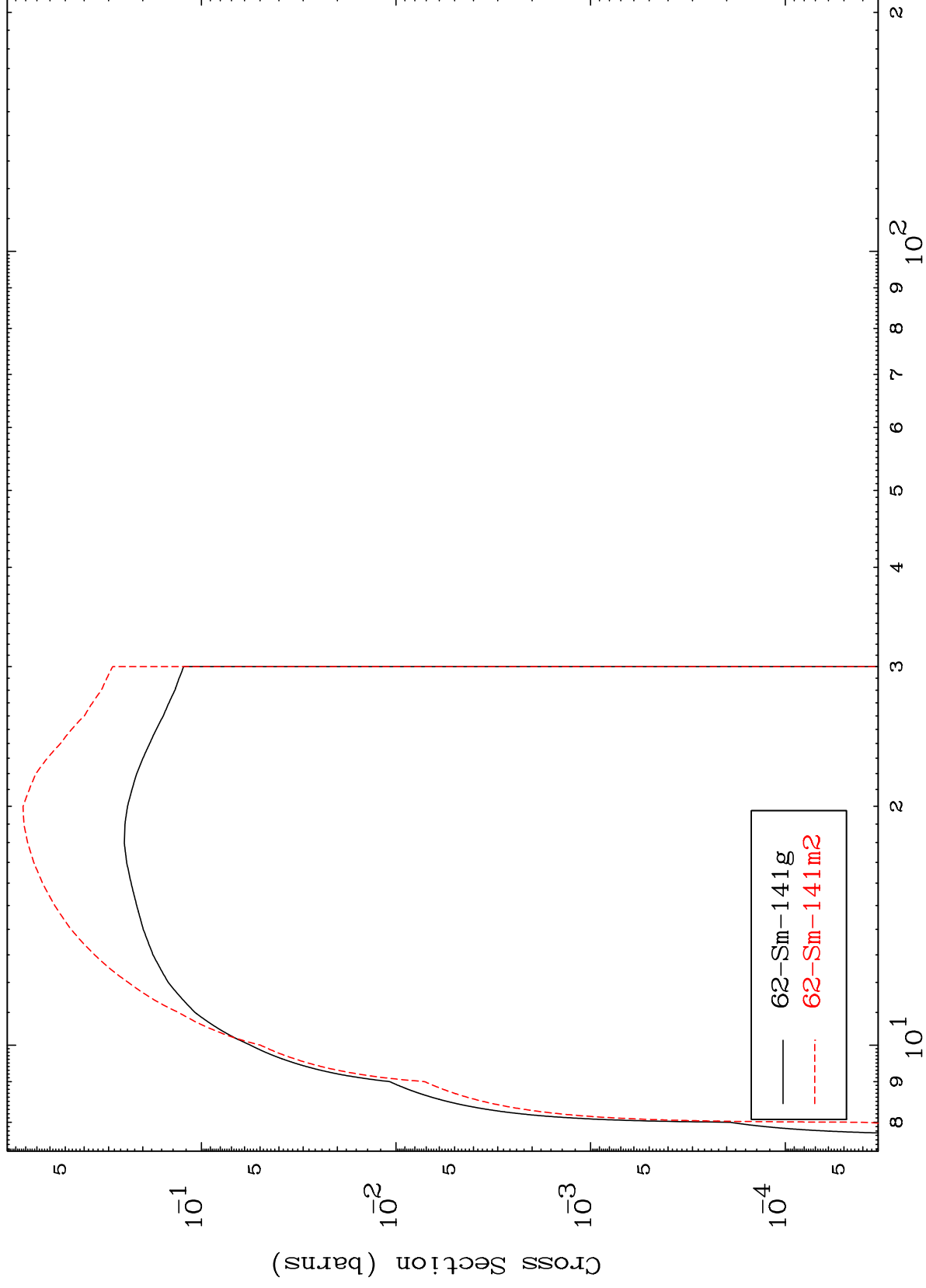
Incident Energy (MeV)

61-Pm-141

MAT 6131

61-Pm-141

Radionuclide Production Cross Section  
(n,2n)



61-Pm-141

Incident Energy (MeV)

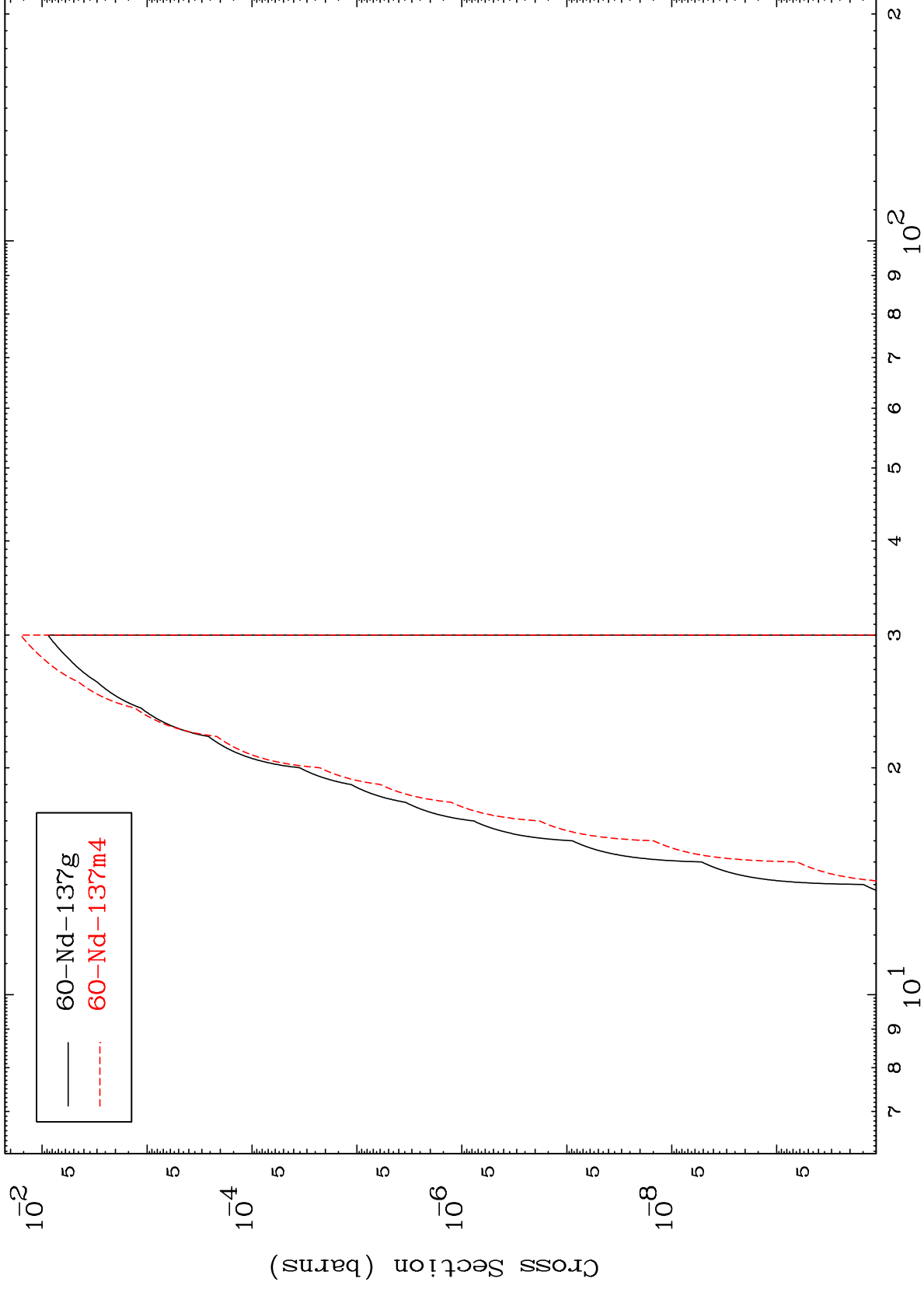
14

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61-Pm-141

(n,2n)  $\alpha$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

61-Pm-141

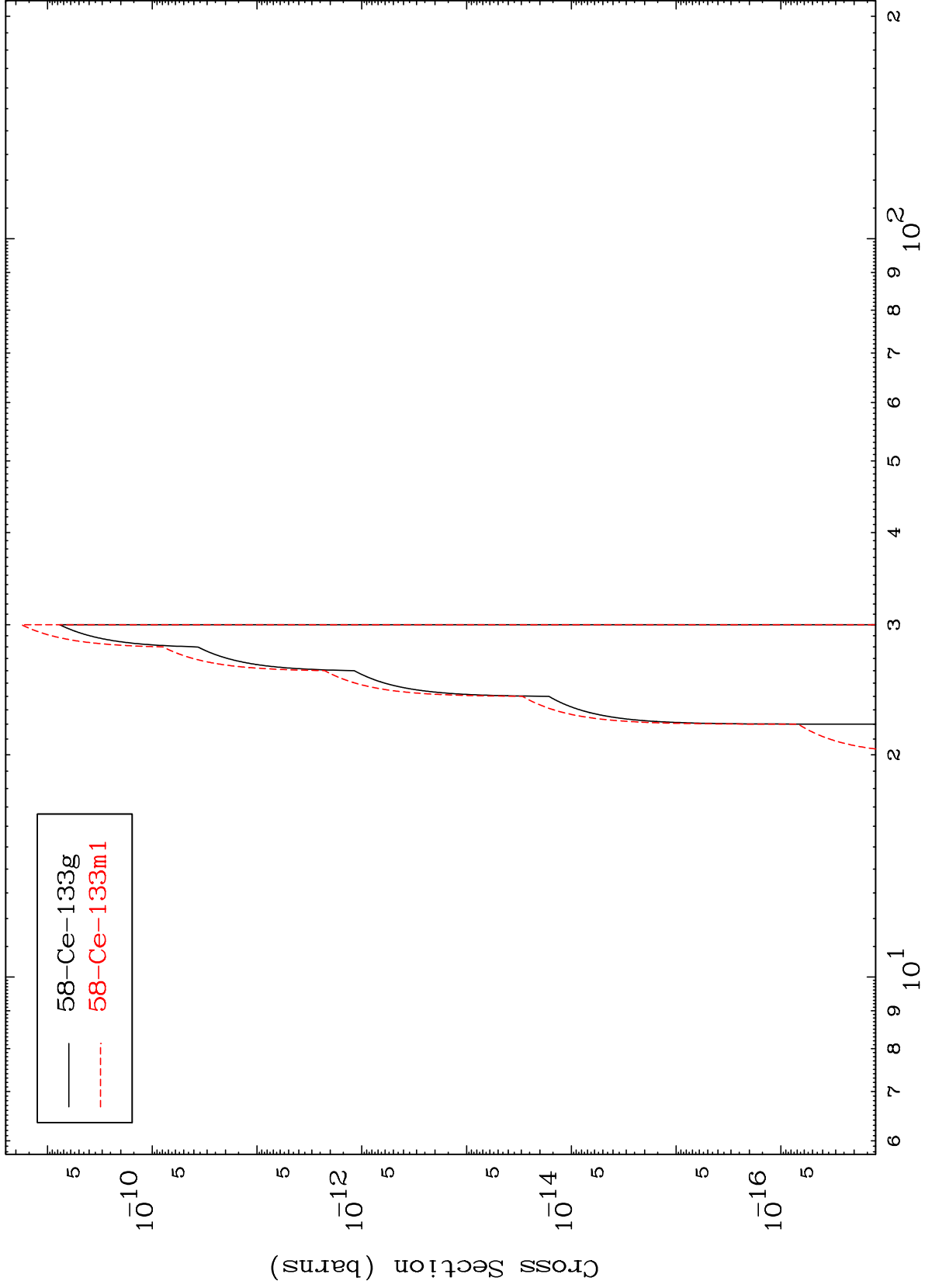


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$(n,2n) 2\alpha$

61-Pm-141

Radionuclide Production Cross Section



16

Incident Energy (MeV)

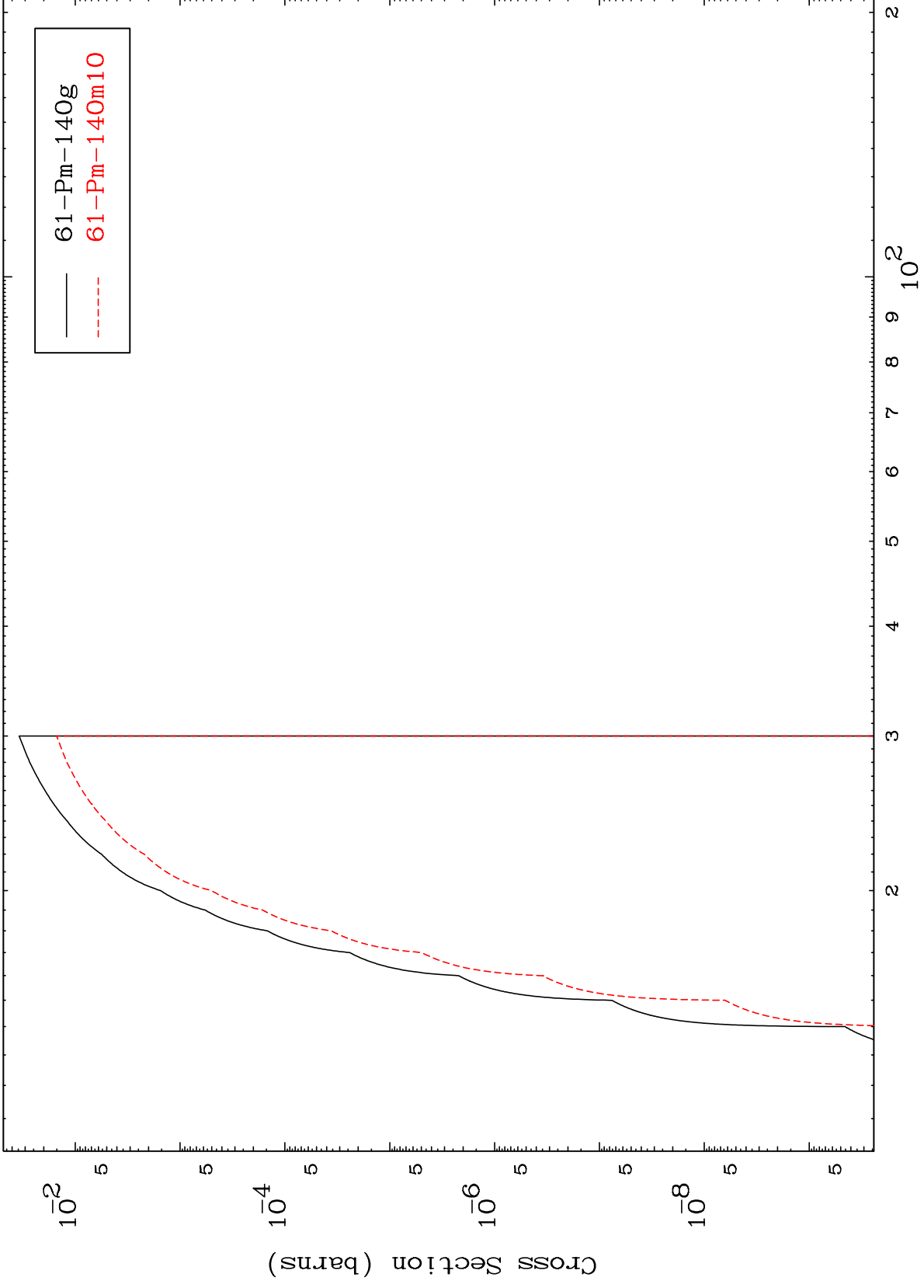
61-Pm-141

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(n,n') d

61-Pm-141

Radionuclide Production Cross Section



17

Incident Energy (MeV)

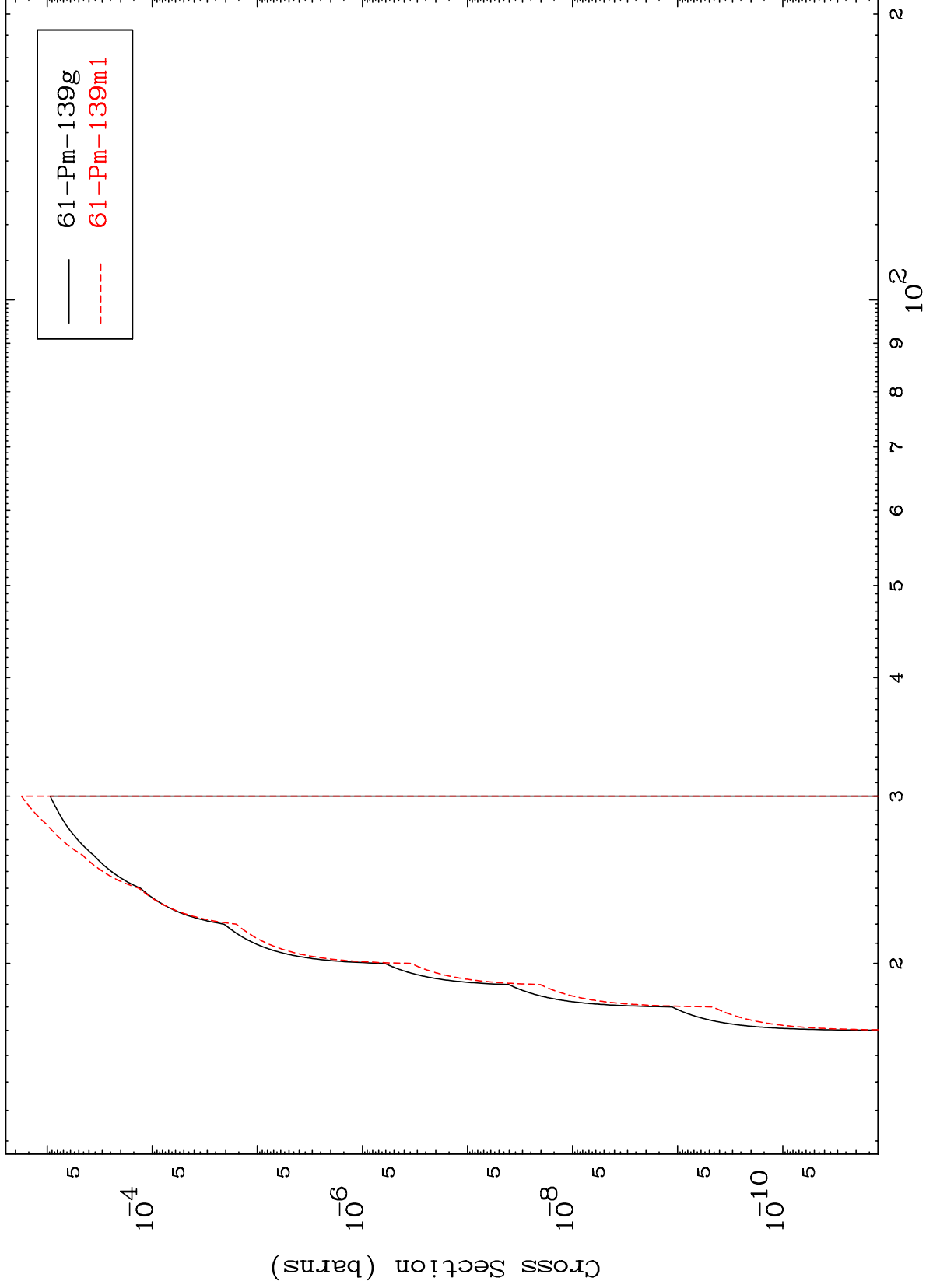
61-Pm-141

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(n,n') t

61-Pm-141

Radionuclide Production Cross Section



18

Incident Energy (MeV)

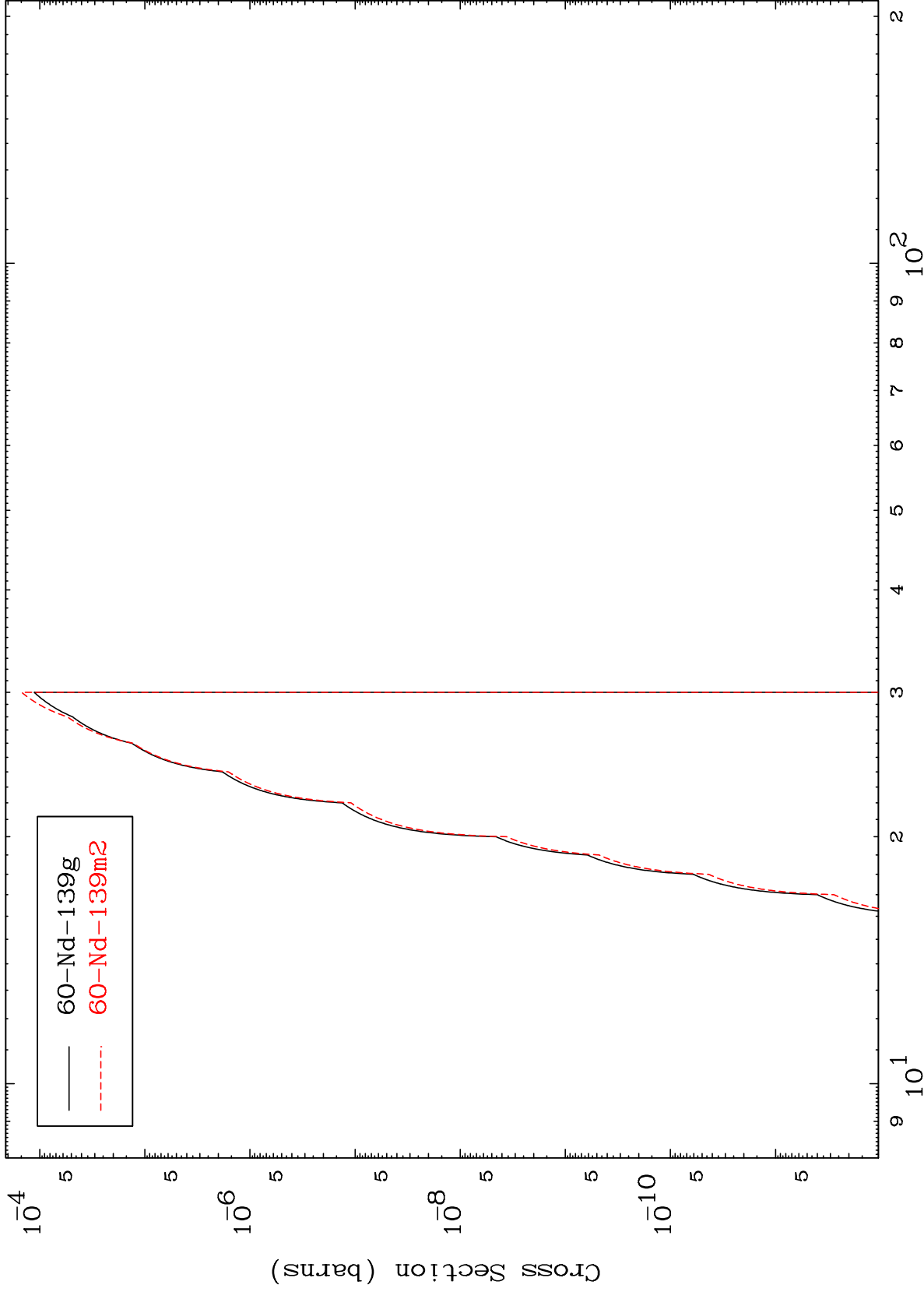
61-Pm-141

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(n,n') He-3

61-Pm-141

Radionuclide Production Cross Section



19

Incident Energy (MeV)

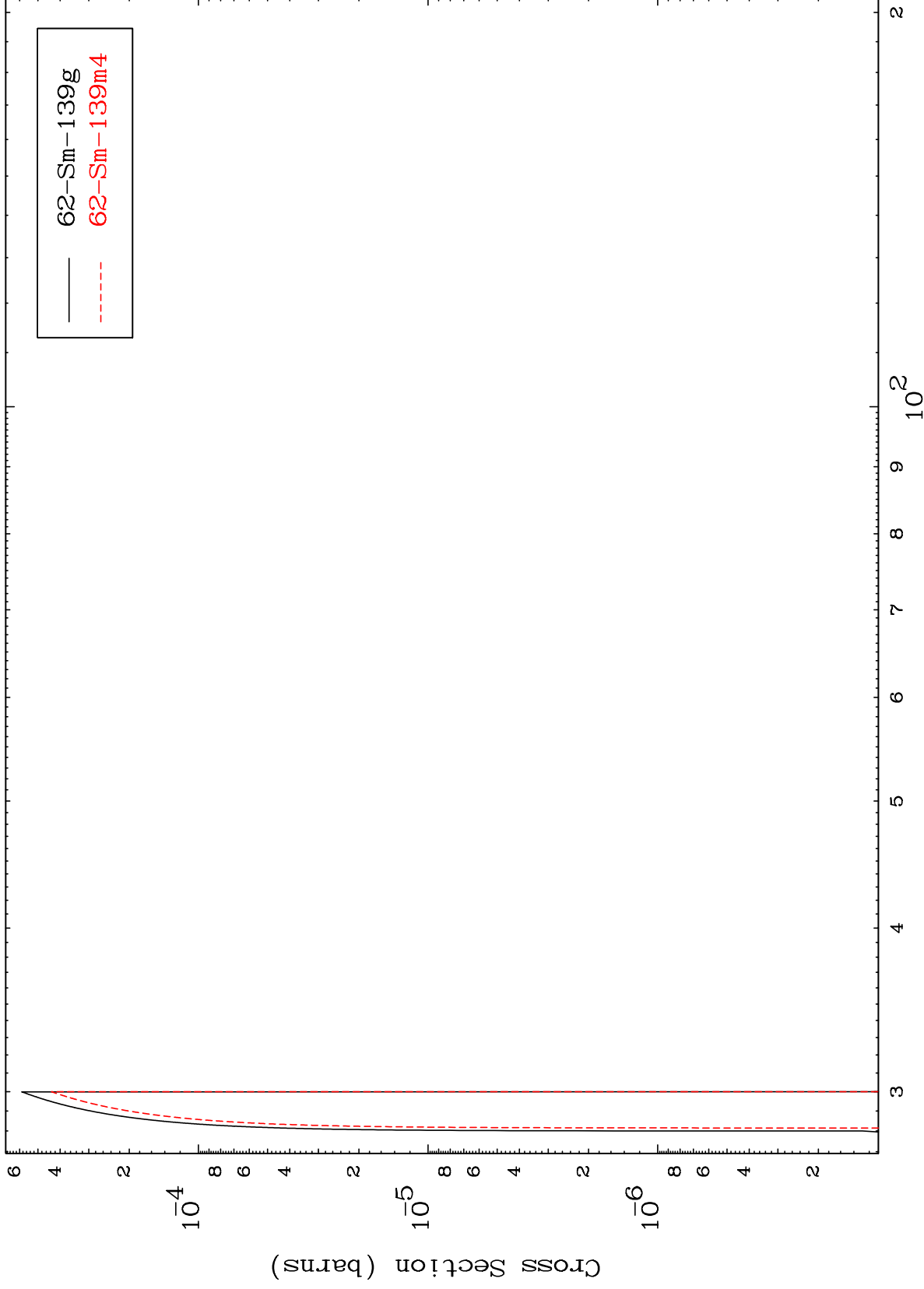
61-Pm-141

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(n,4n)

61-Pm-141

Radionuclide Production Cross Section



20

Incident Energy (MeV)

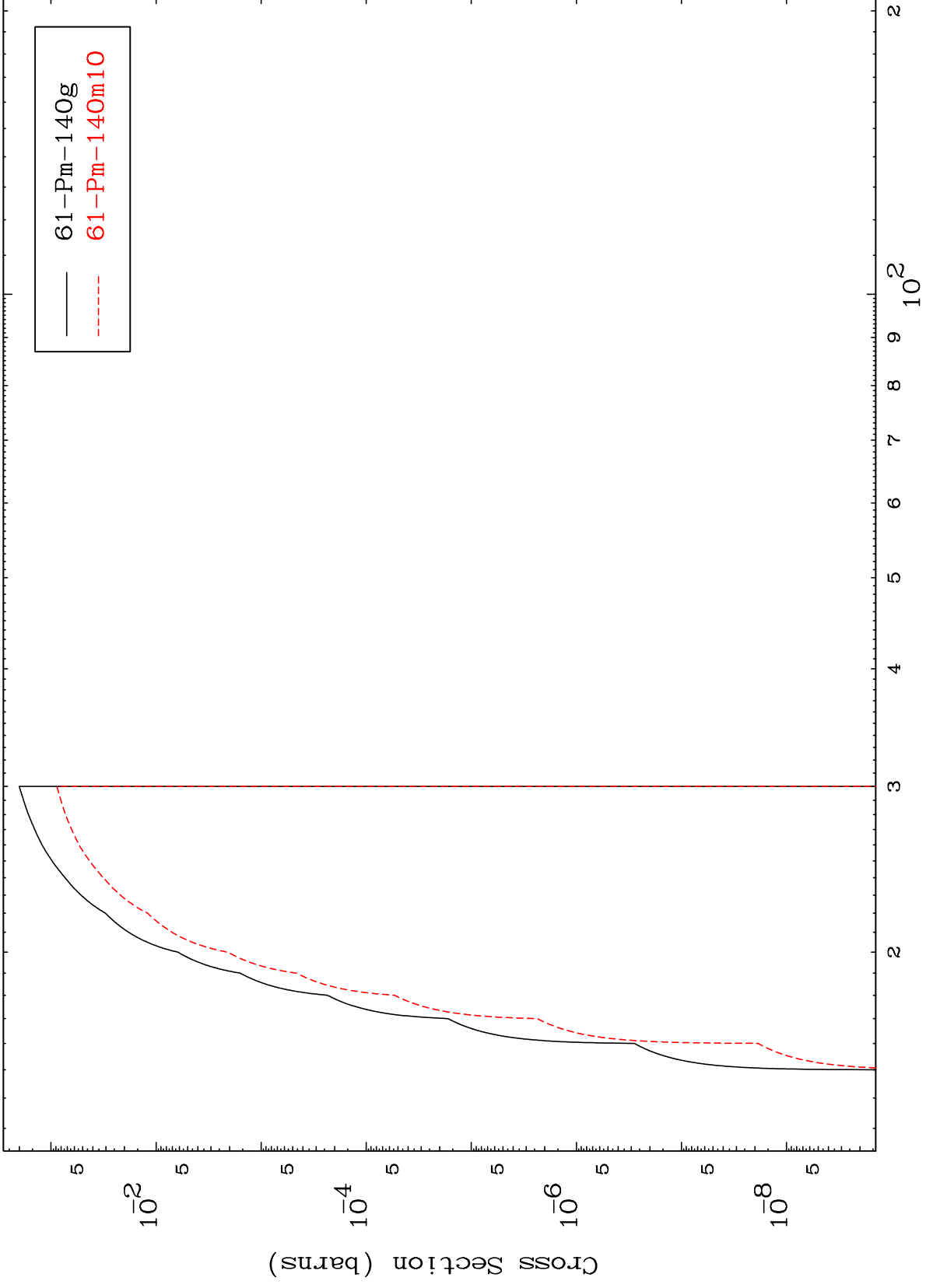
61-Pm-141

MAT 6131

(n,2n) p

61-Pm-141

Radionuclide Production Cross Section



21

Incident Energy (MeV)

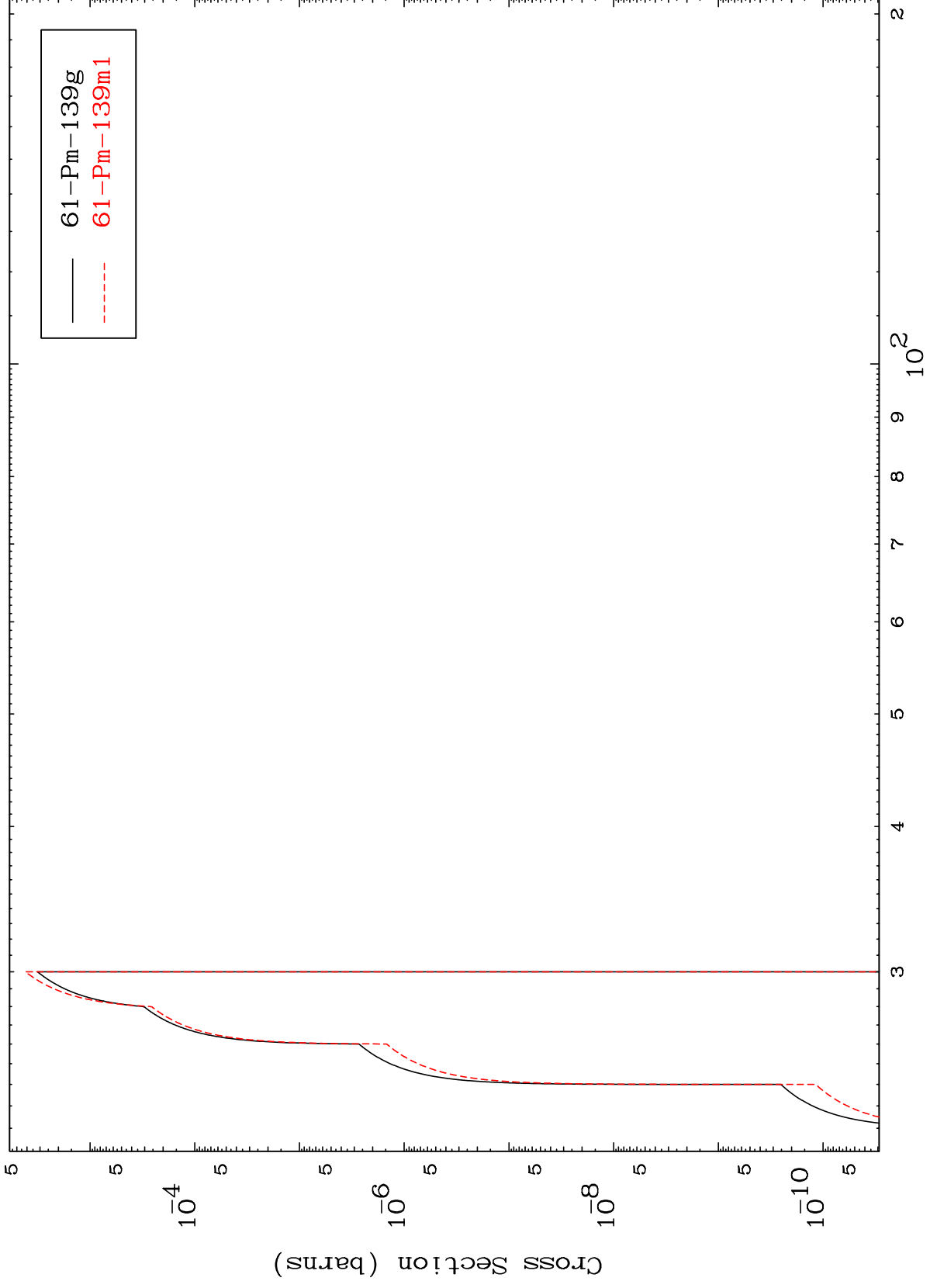
61-Pm-141

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(n,3n) p

61-Pm-141

Radionuclide Production Cross Section



22

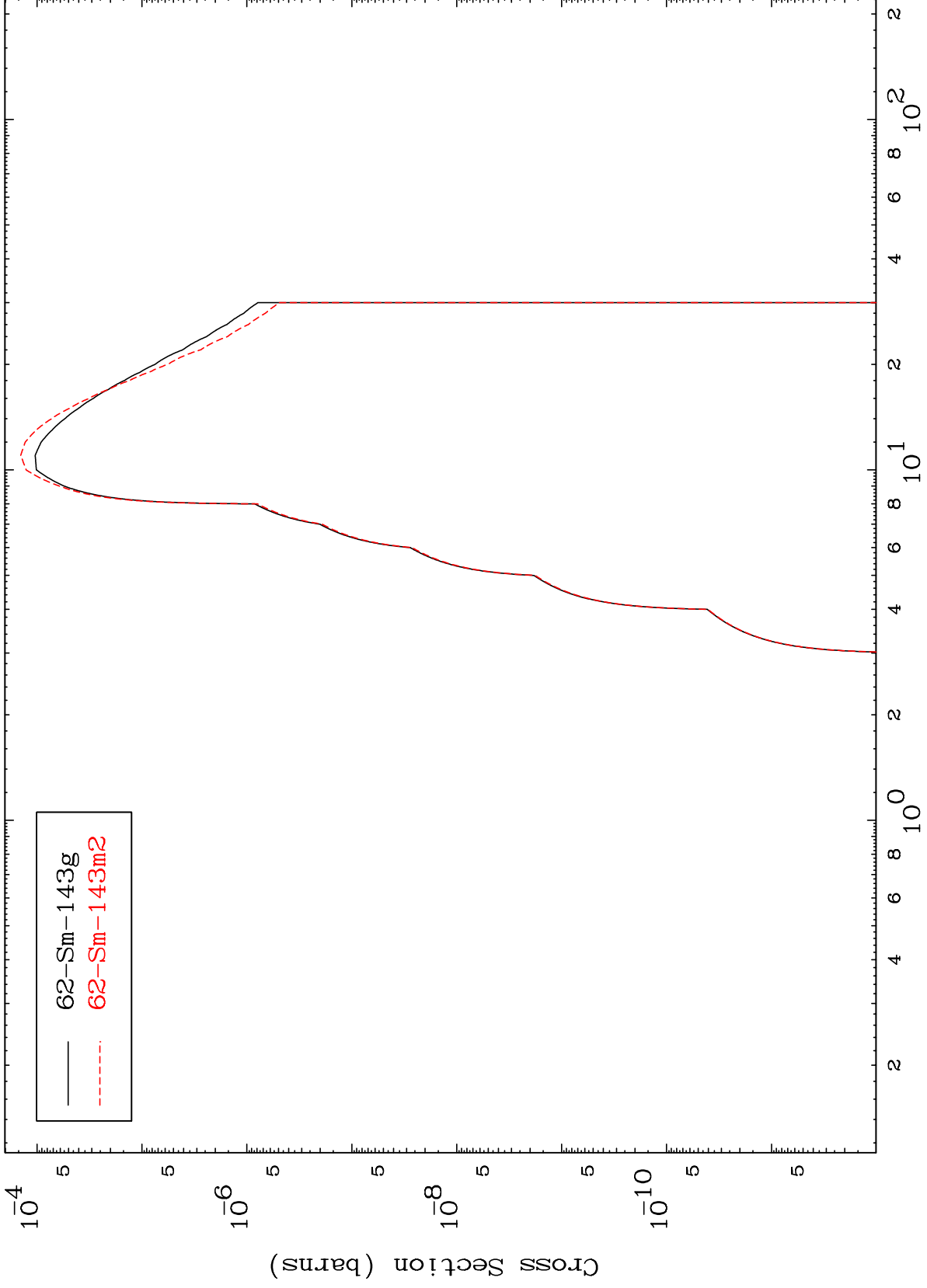
Incident Energy (MeV)

61-Pm-141

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61-Pm-141

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



23

61-Pm-141

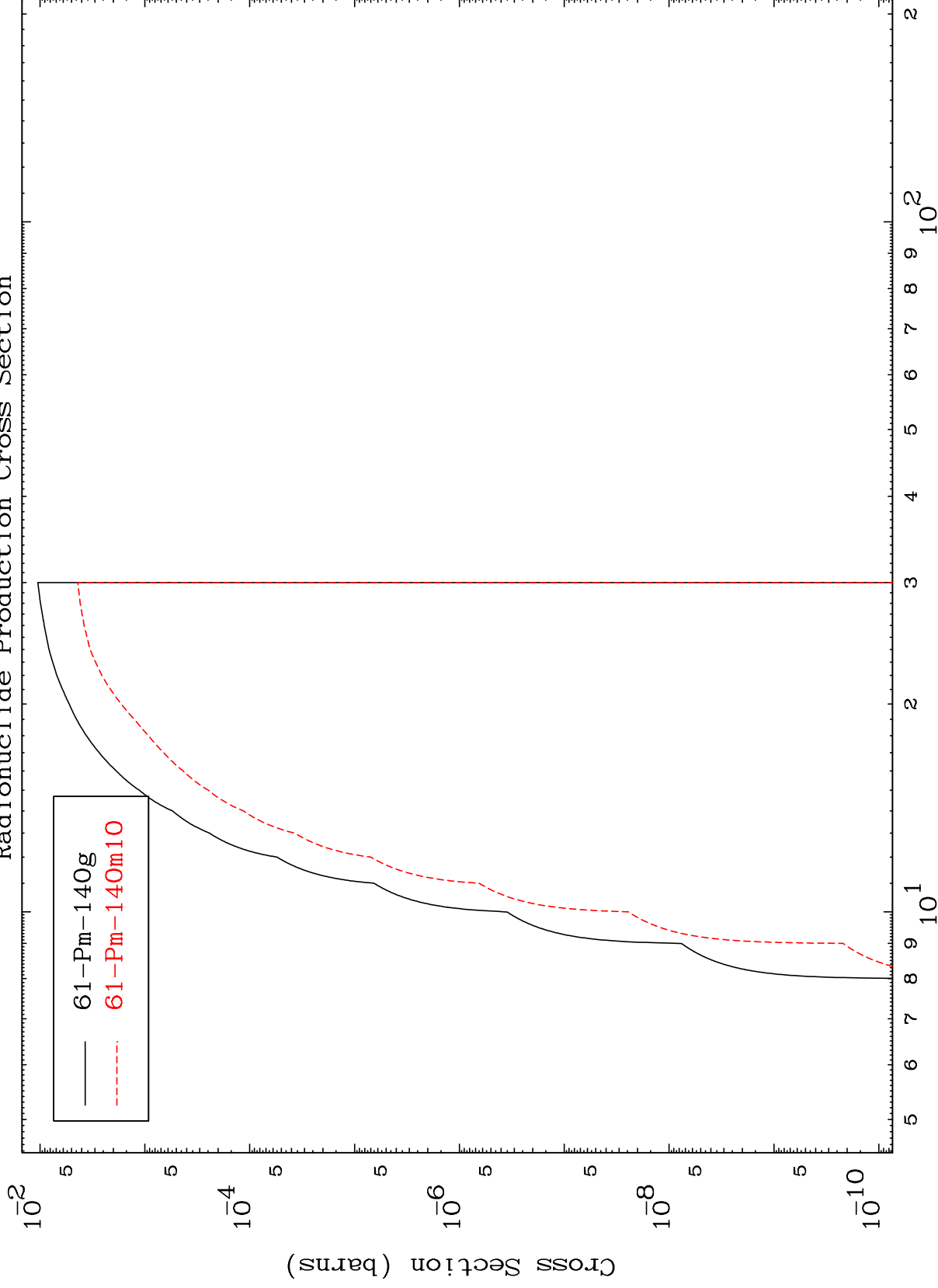
Incident Energy (MeV)



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61-Pm-141

Radionuclide Production Cross Section (n,t)



24

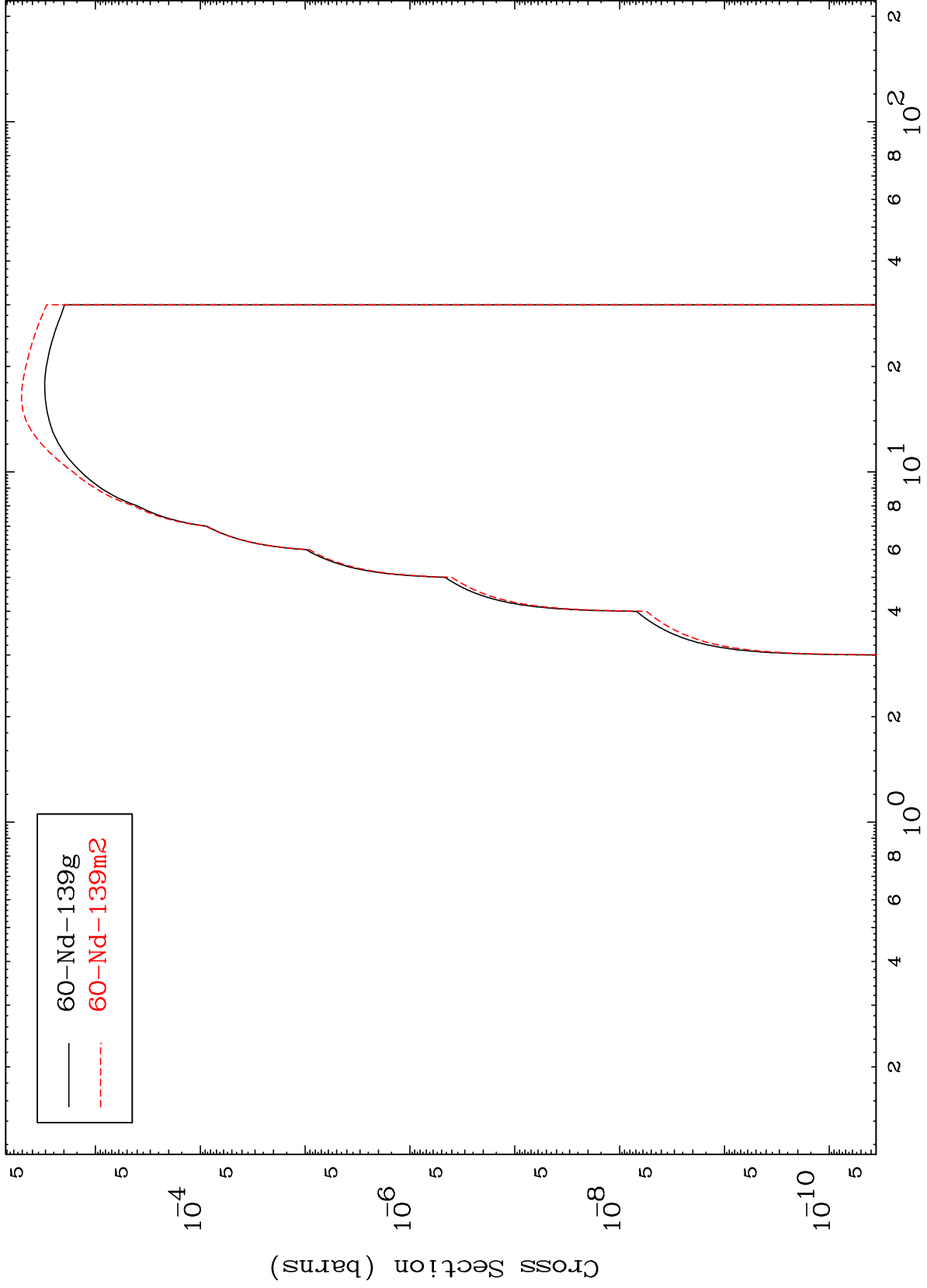
Incident Energy (MeV)

61-Pm-141

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61-Pm-141

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



25

Incident Energy (MeV)

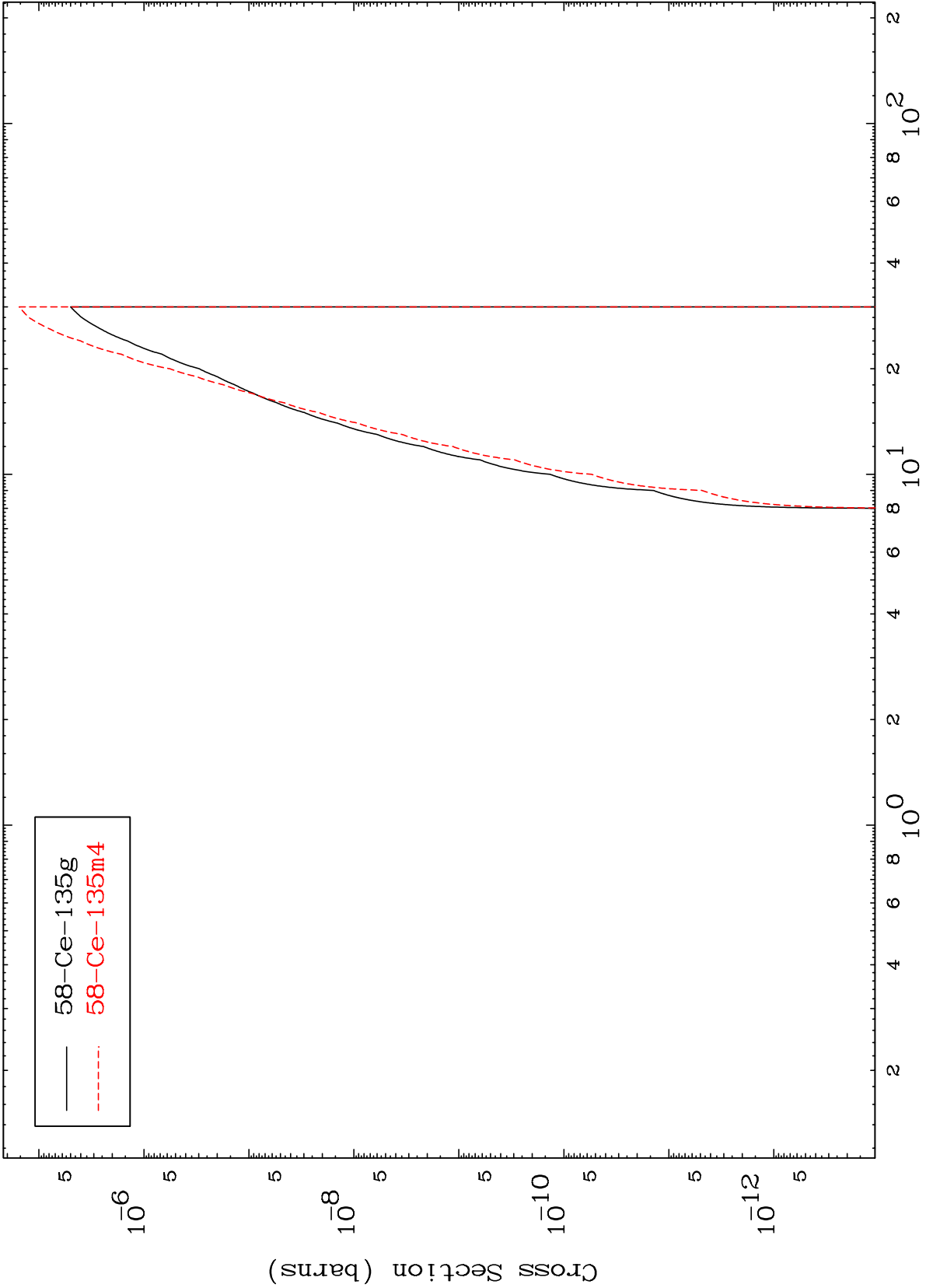
61-Pm-141

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(n,2α)

61-Pm-141

Radionuclide Production Cross Section

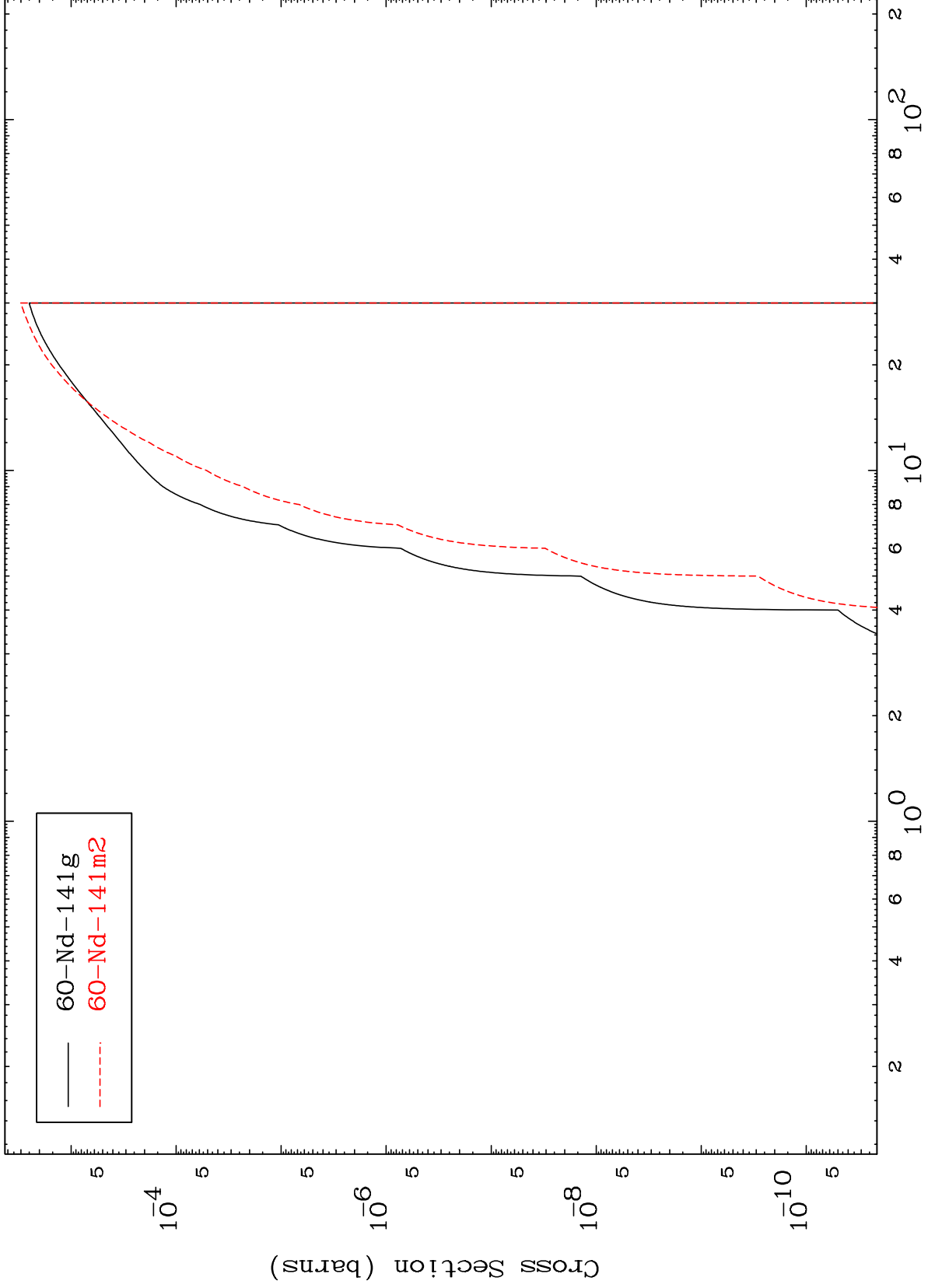
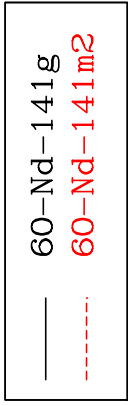


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(n,2p)

61-Pm-141

Radionuclide Production Cross Section

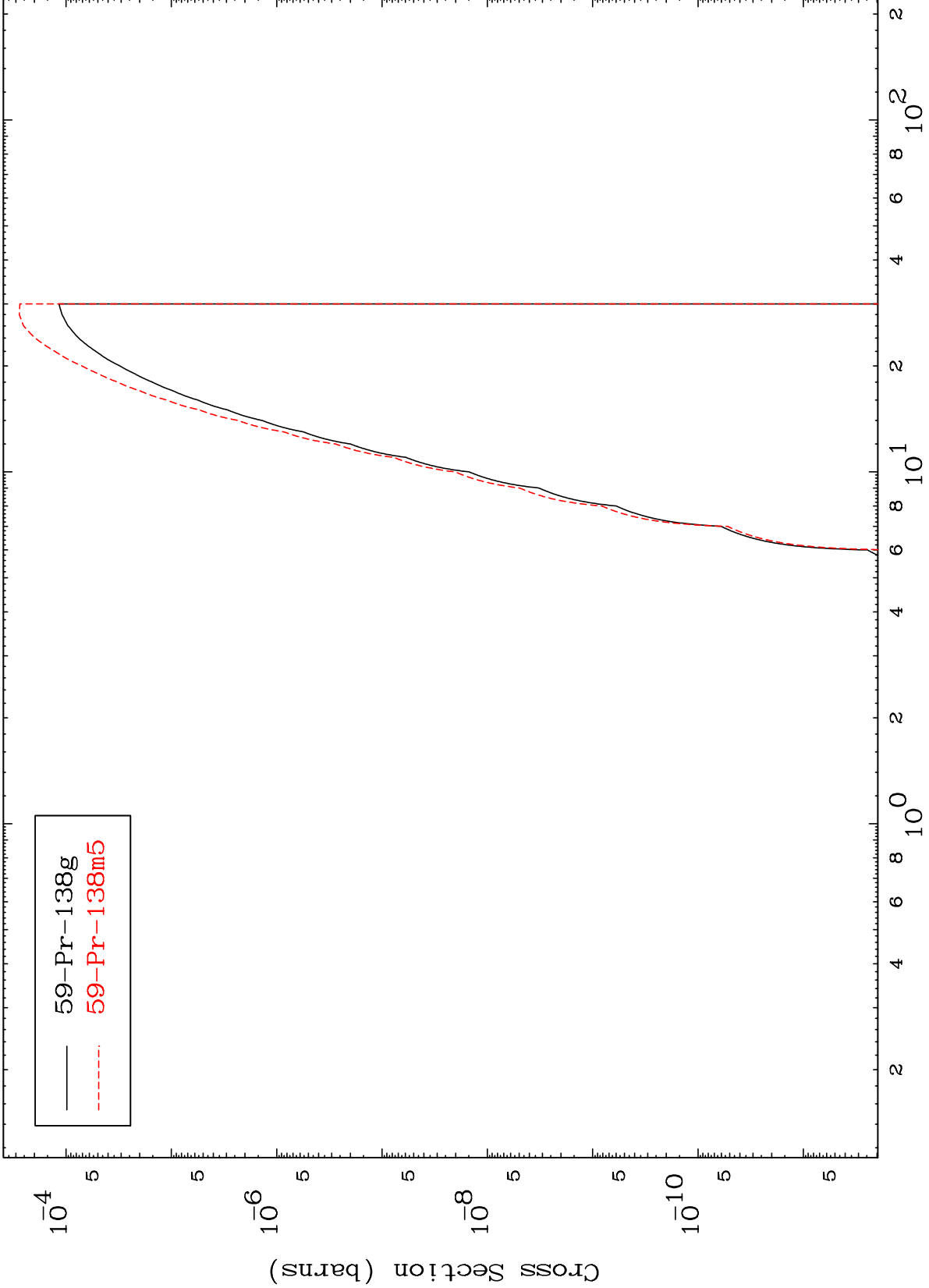
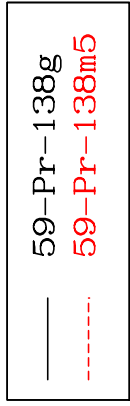


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(n,p)  $\alpha$

61-Pm-141

Radionuclide Production Cross Section



28

Incident Energy (MeV)

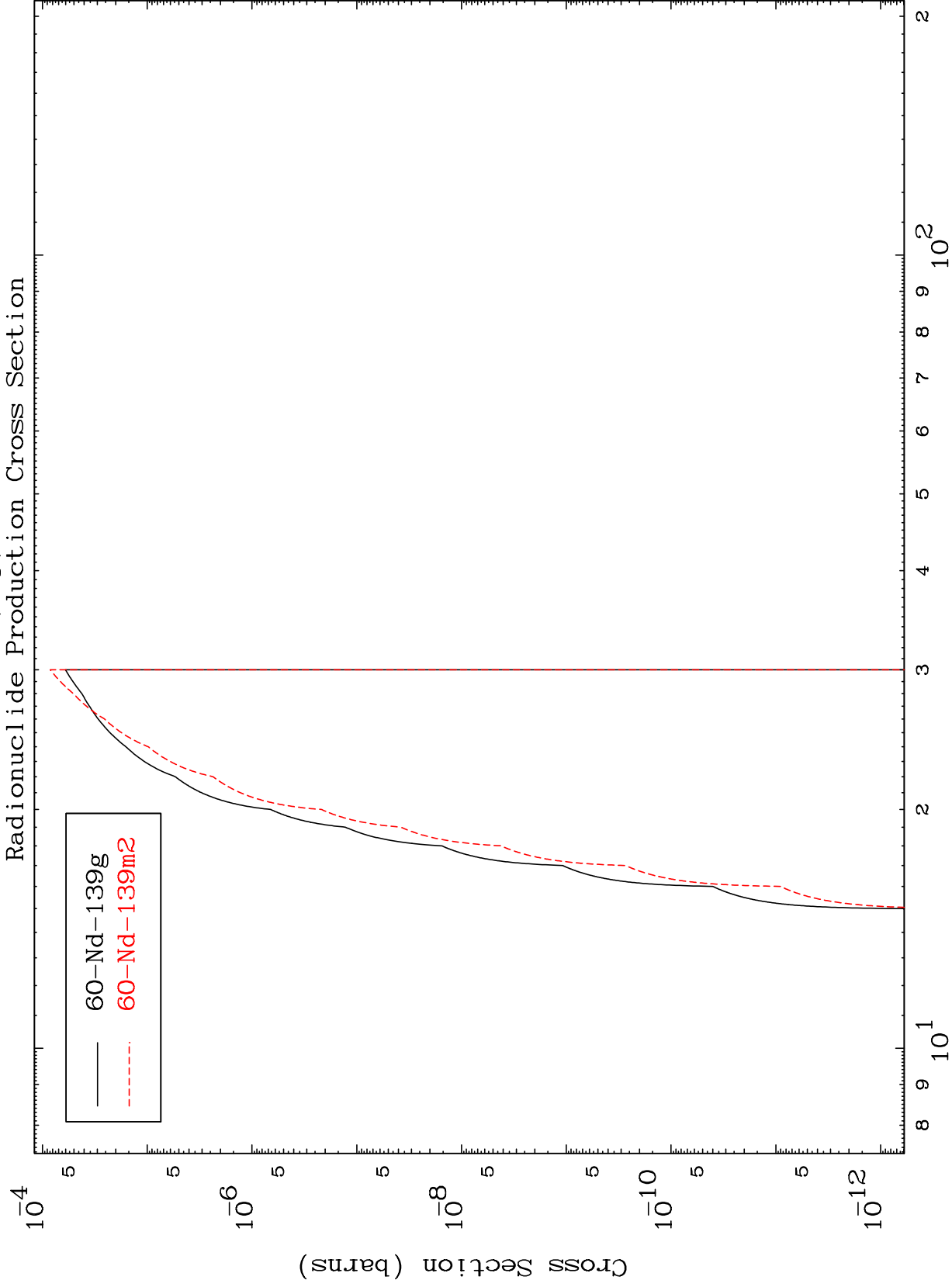
61-Pm-141

MAT 6131

(n,p) t

61-Pm-141

Radionuclide Production Cross Section



29

Incident Energy (MeV)

61-Pm-141