

Program EVALPLOT
(Version 2021-1)

by

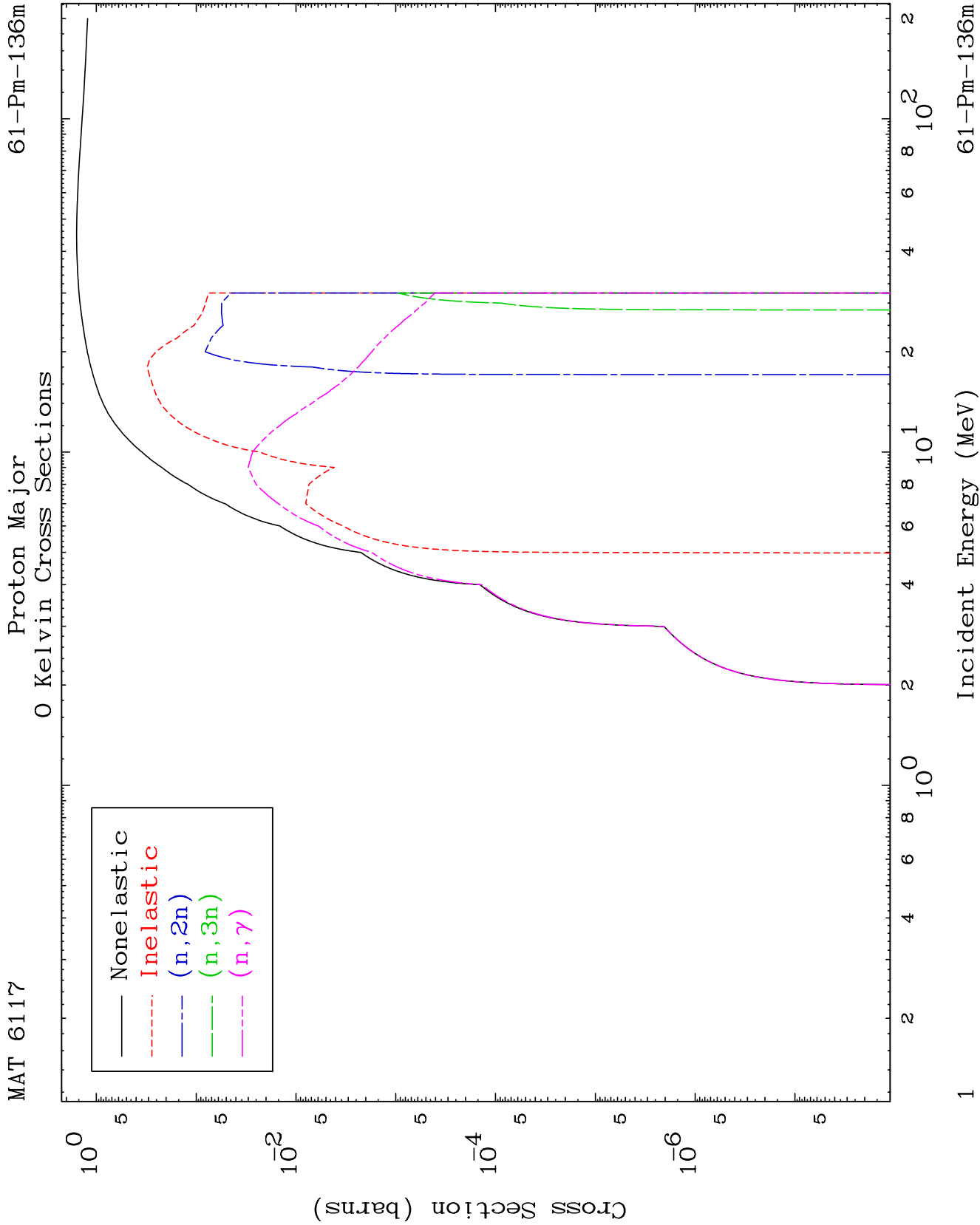
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
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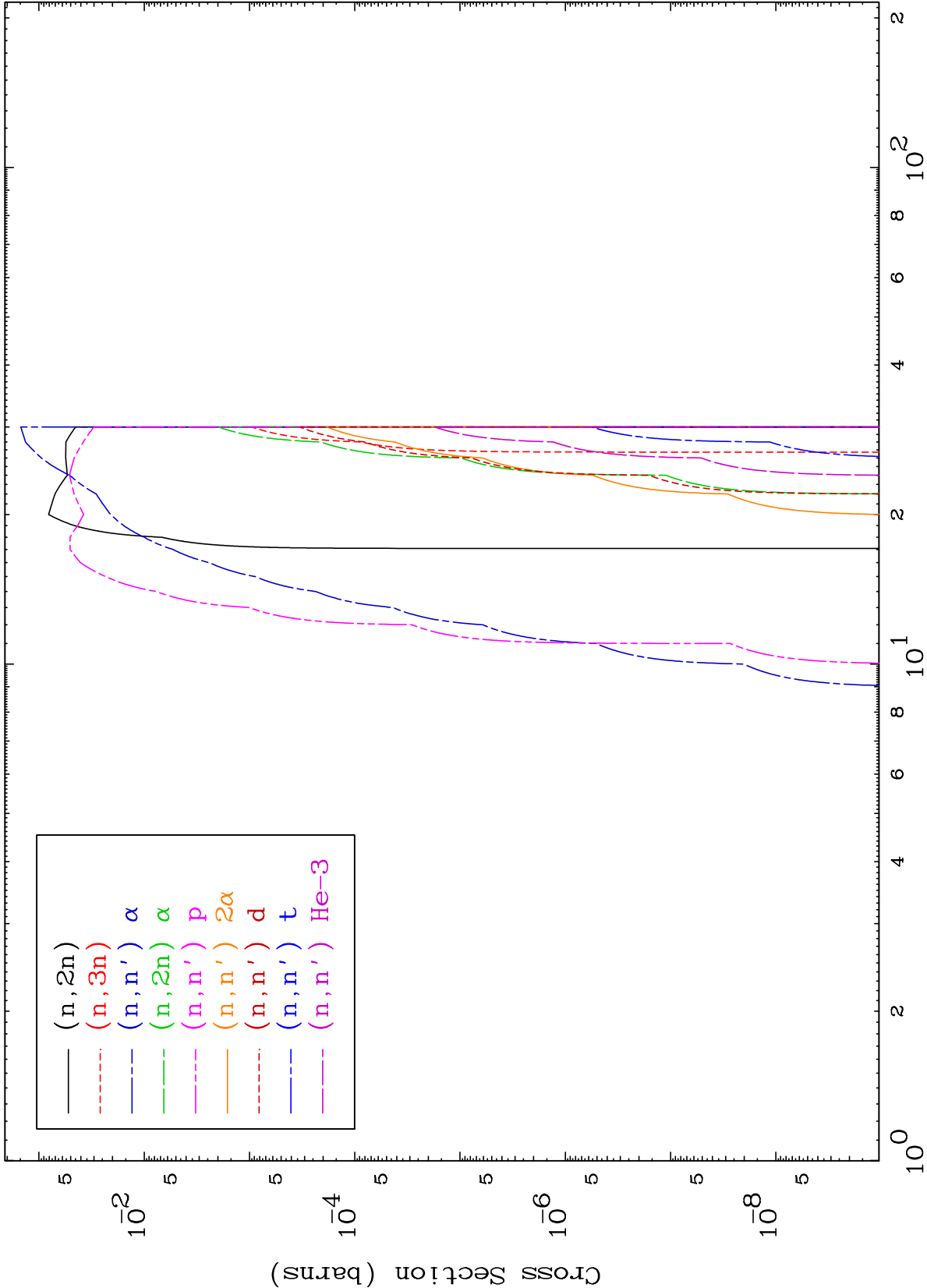
Press Mouse Button to Start



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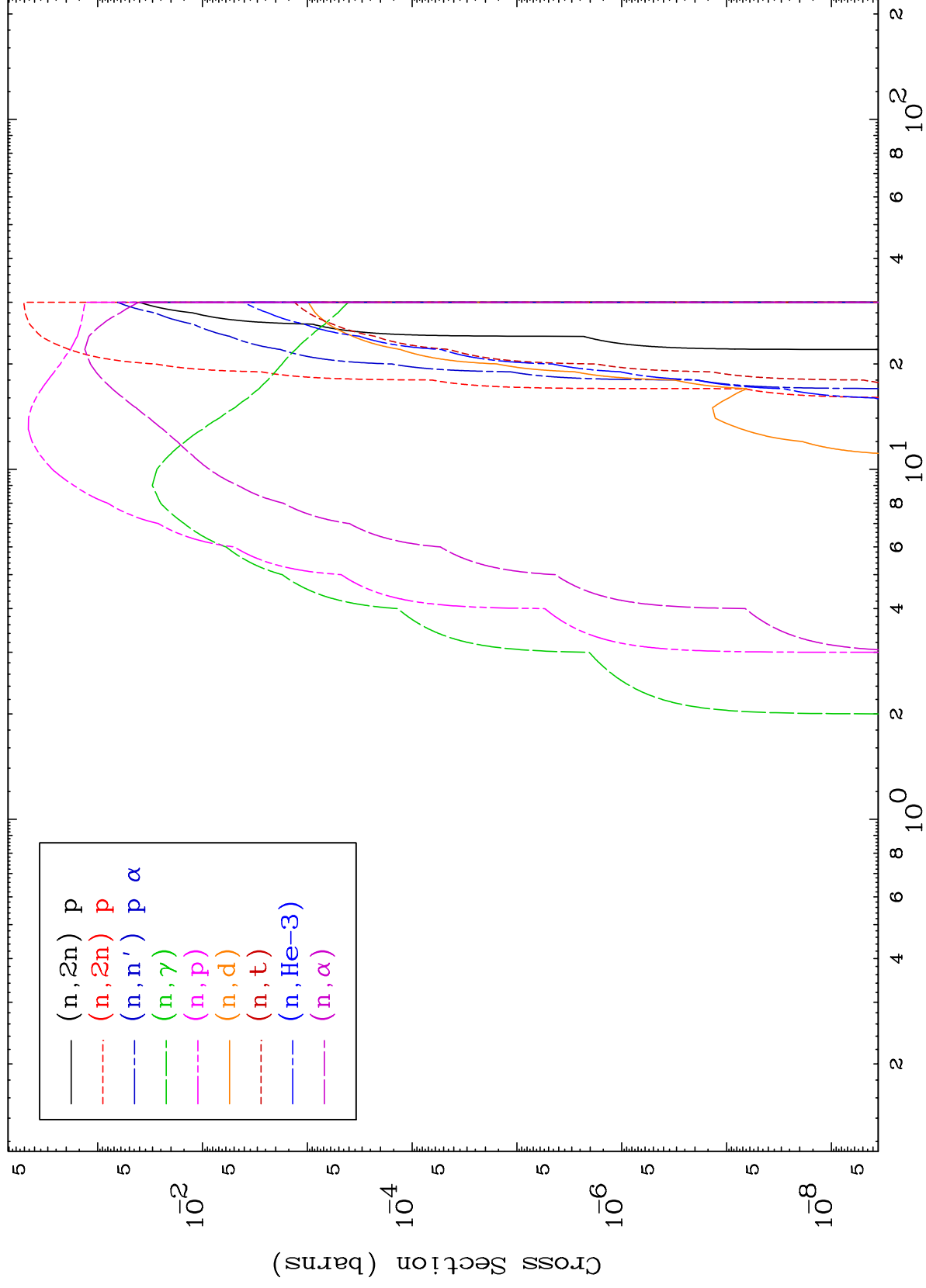
Proton Neutron Absorption
0 Kelvin Cross Sections

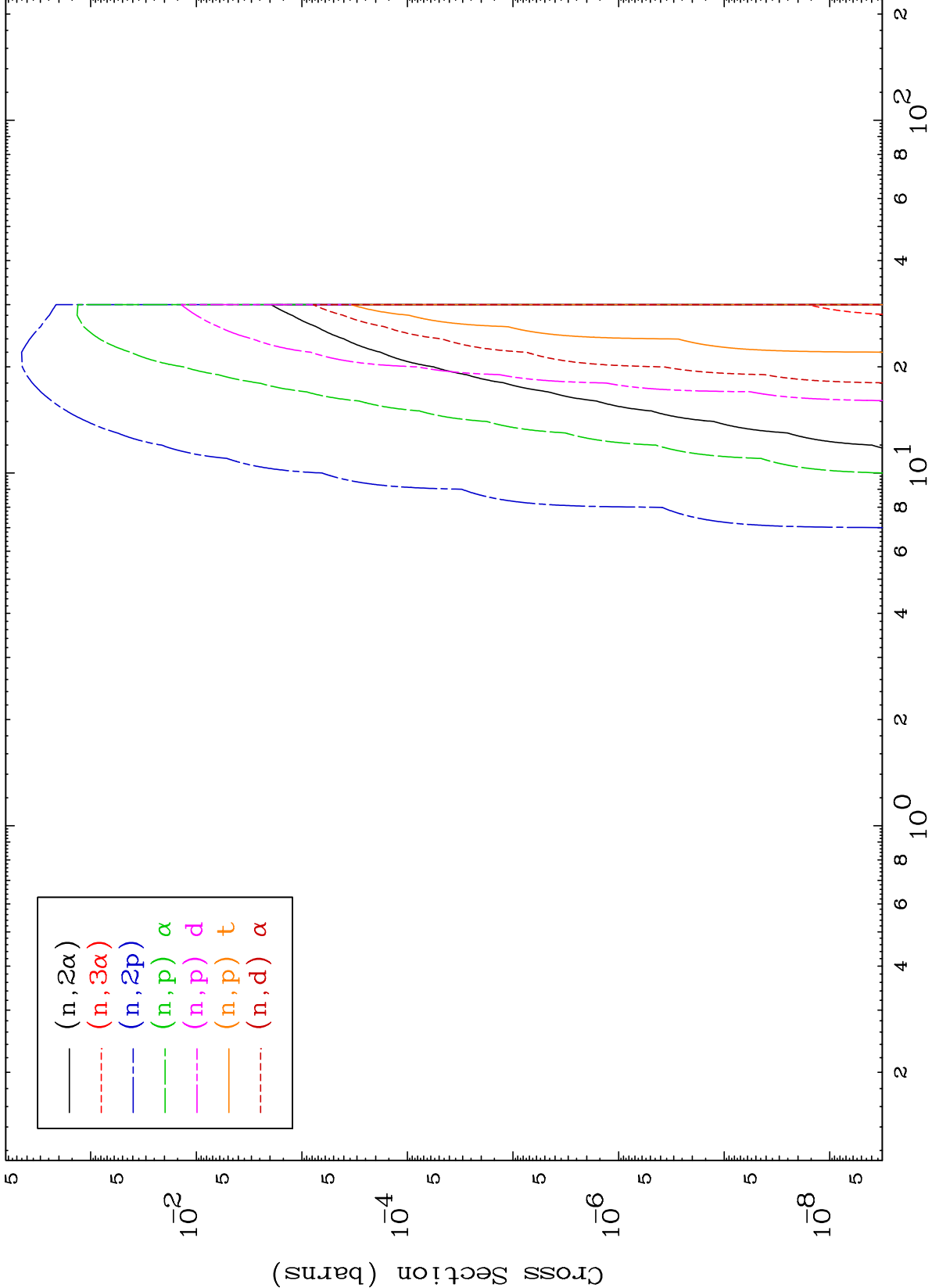
61-Pm-136m

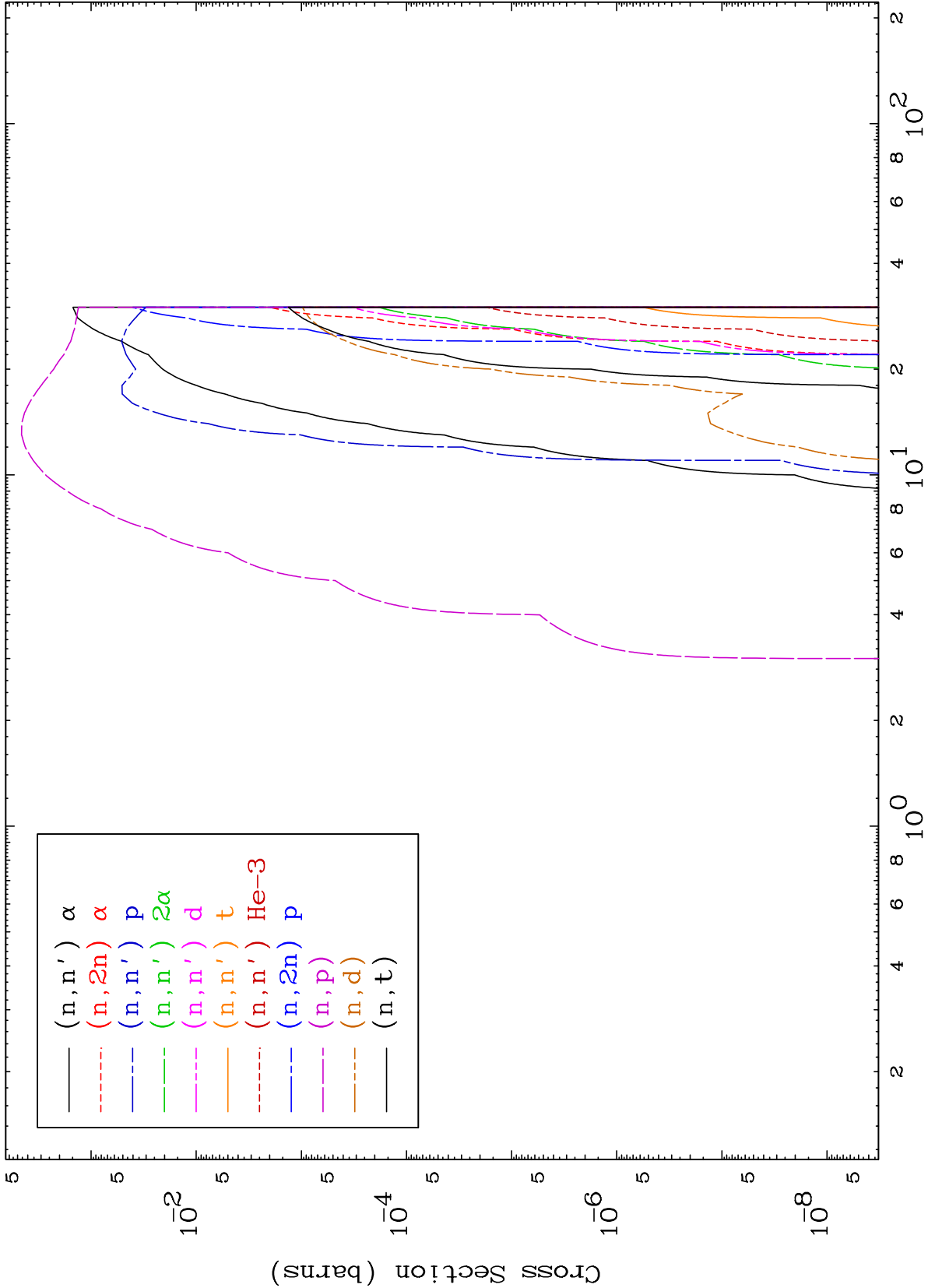


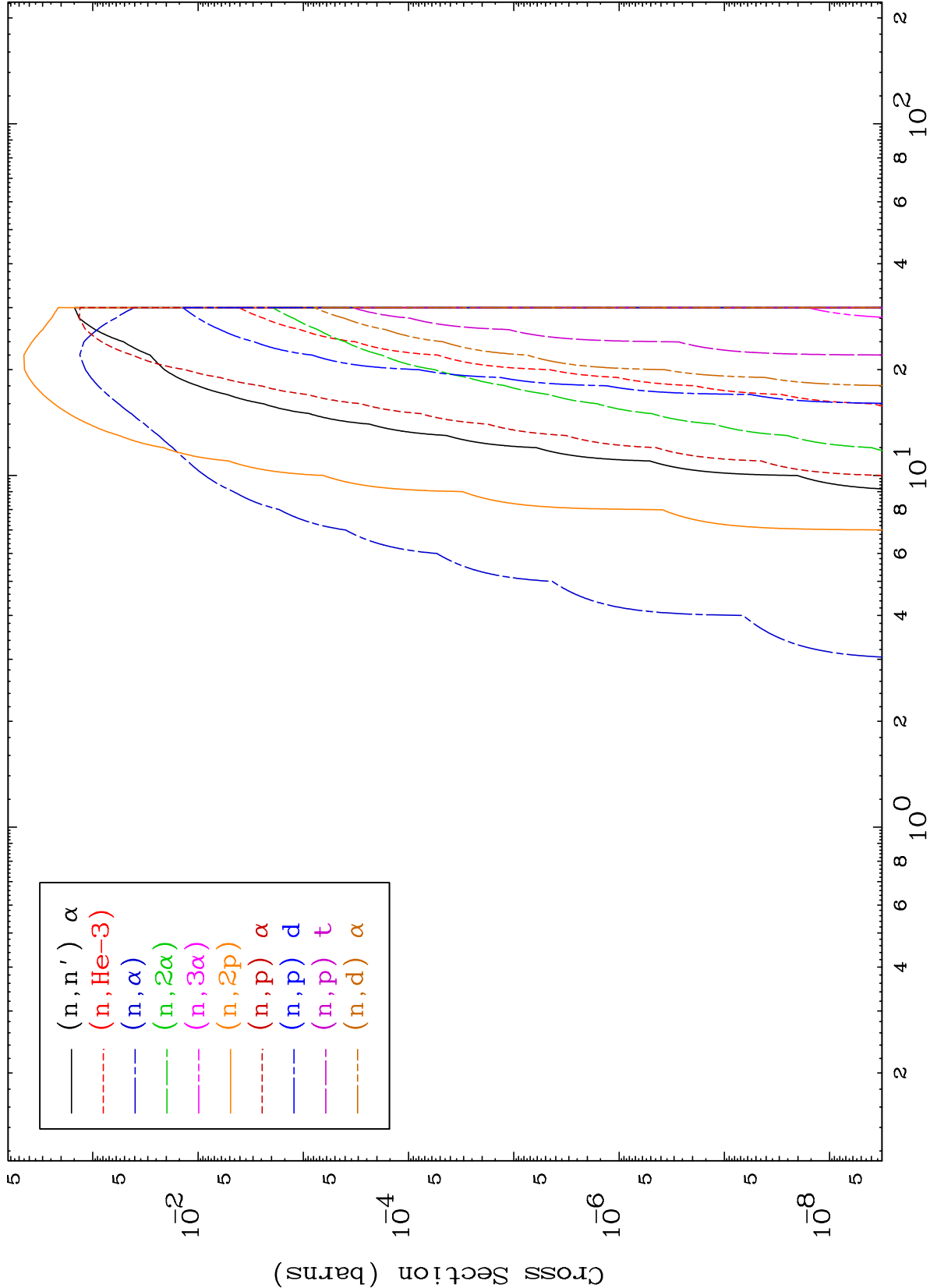
61-Pm-136m

Incident Energy (MeV)







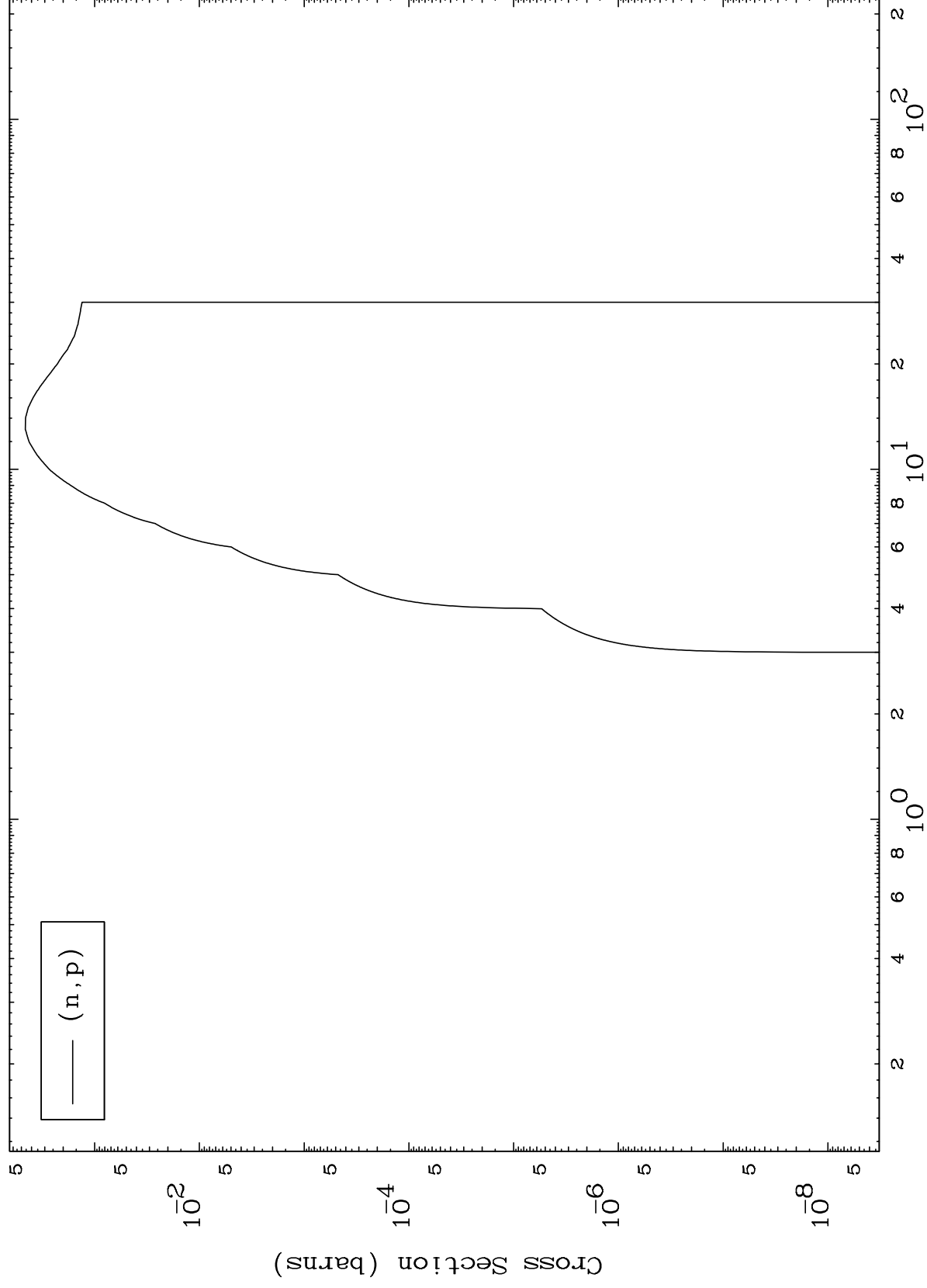


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(p,p) Levels

61-Pm-136m

0 Kelvin Cross Sections



Incident Energy (MeV)

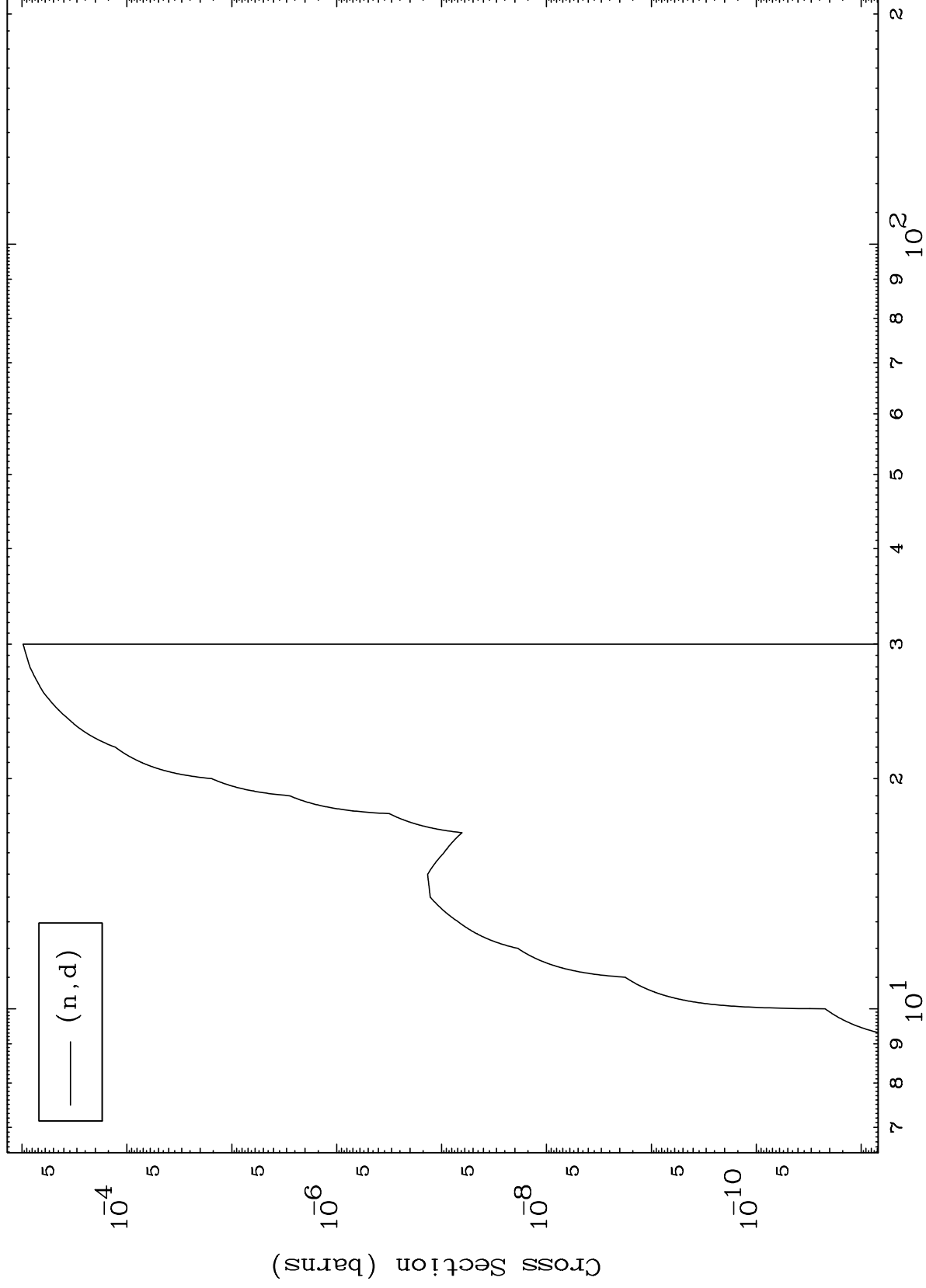
61-Pm-136m

7

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61-Pm-136m

(p,d) Levels
0 Kelvin Cross Sections

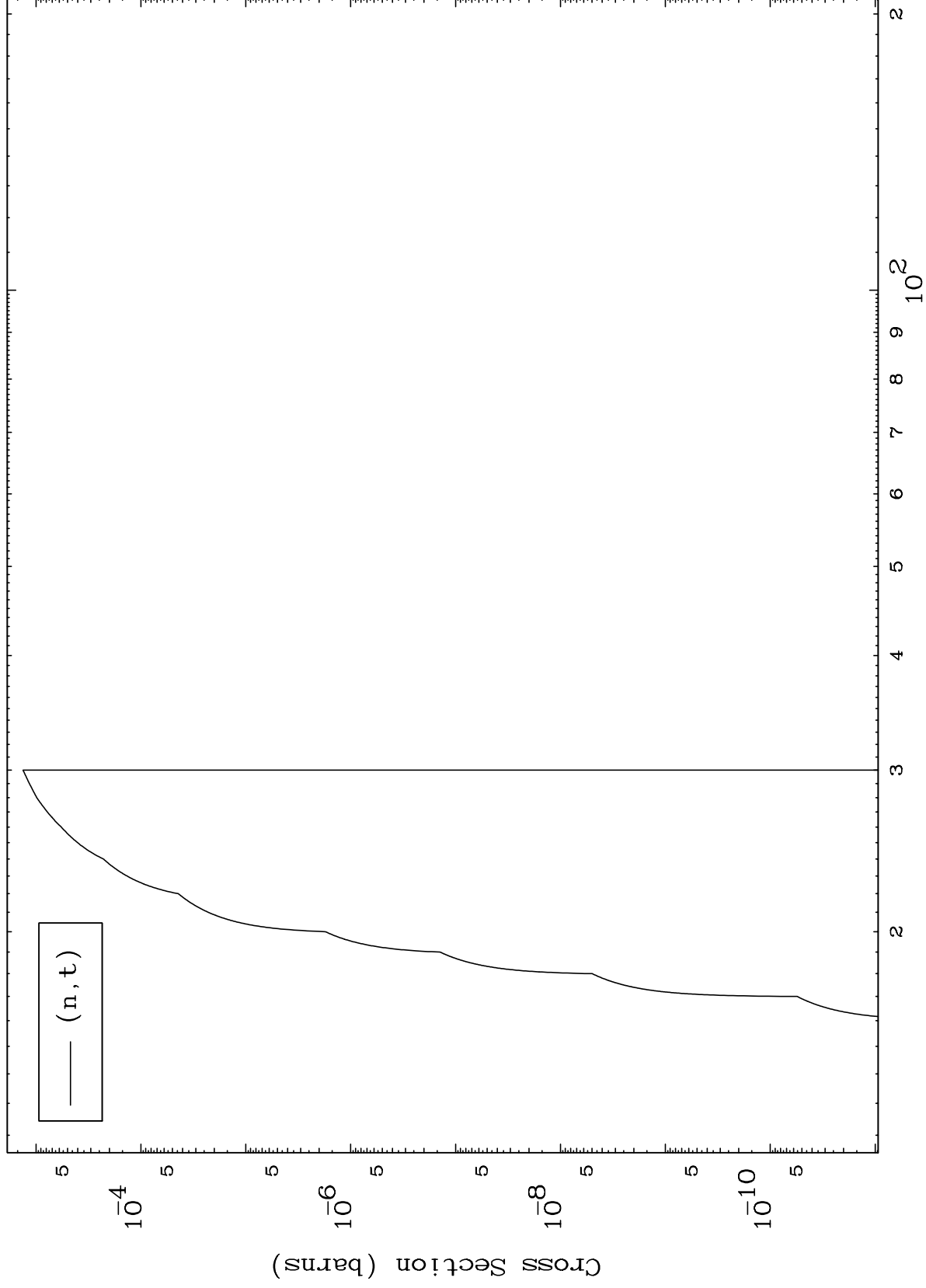


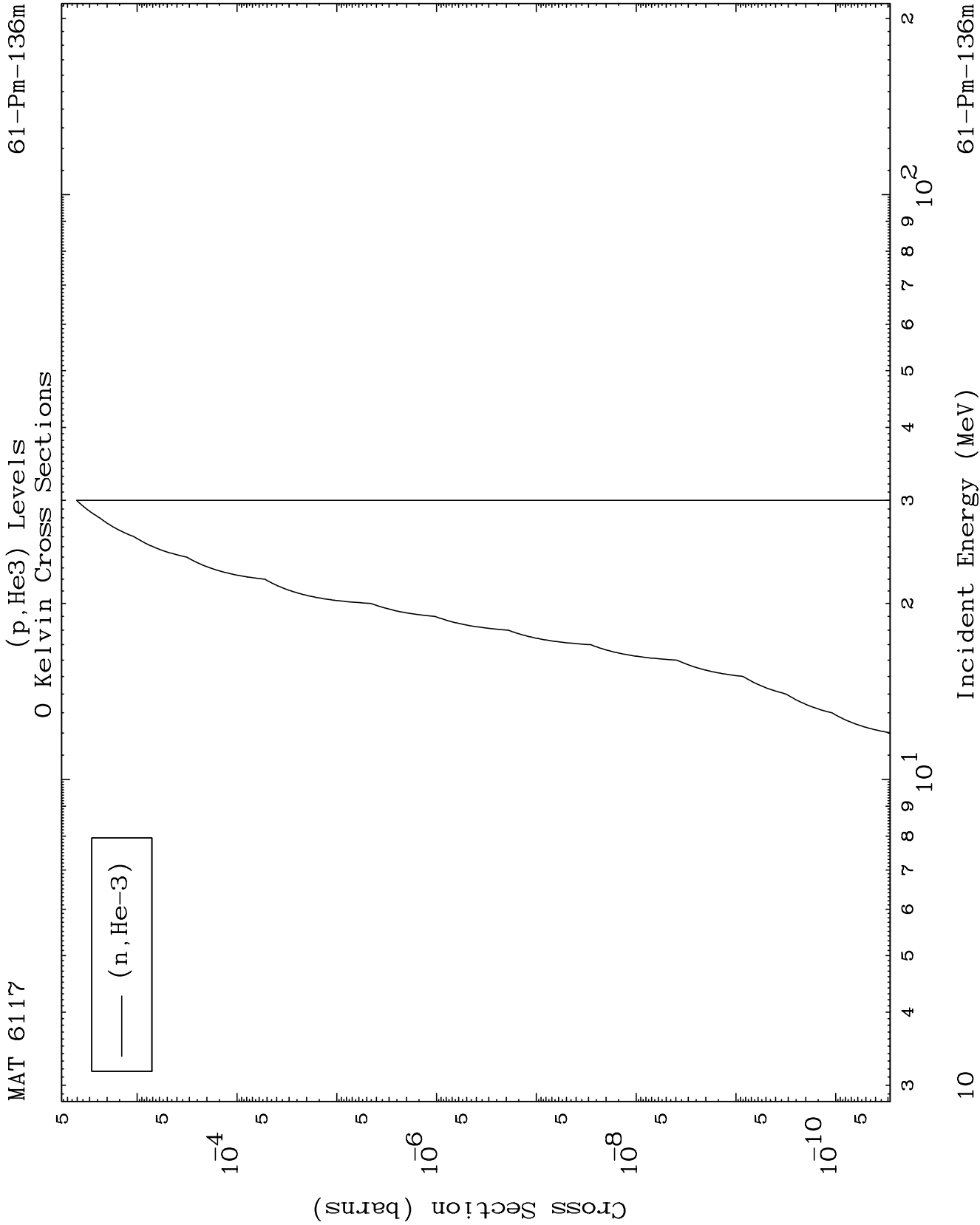
61-Pm-136m

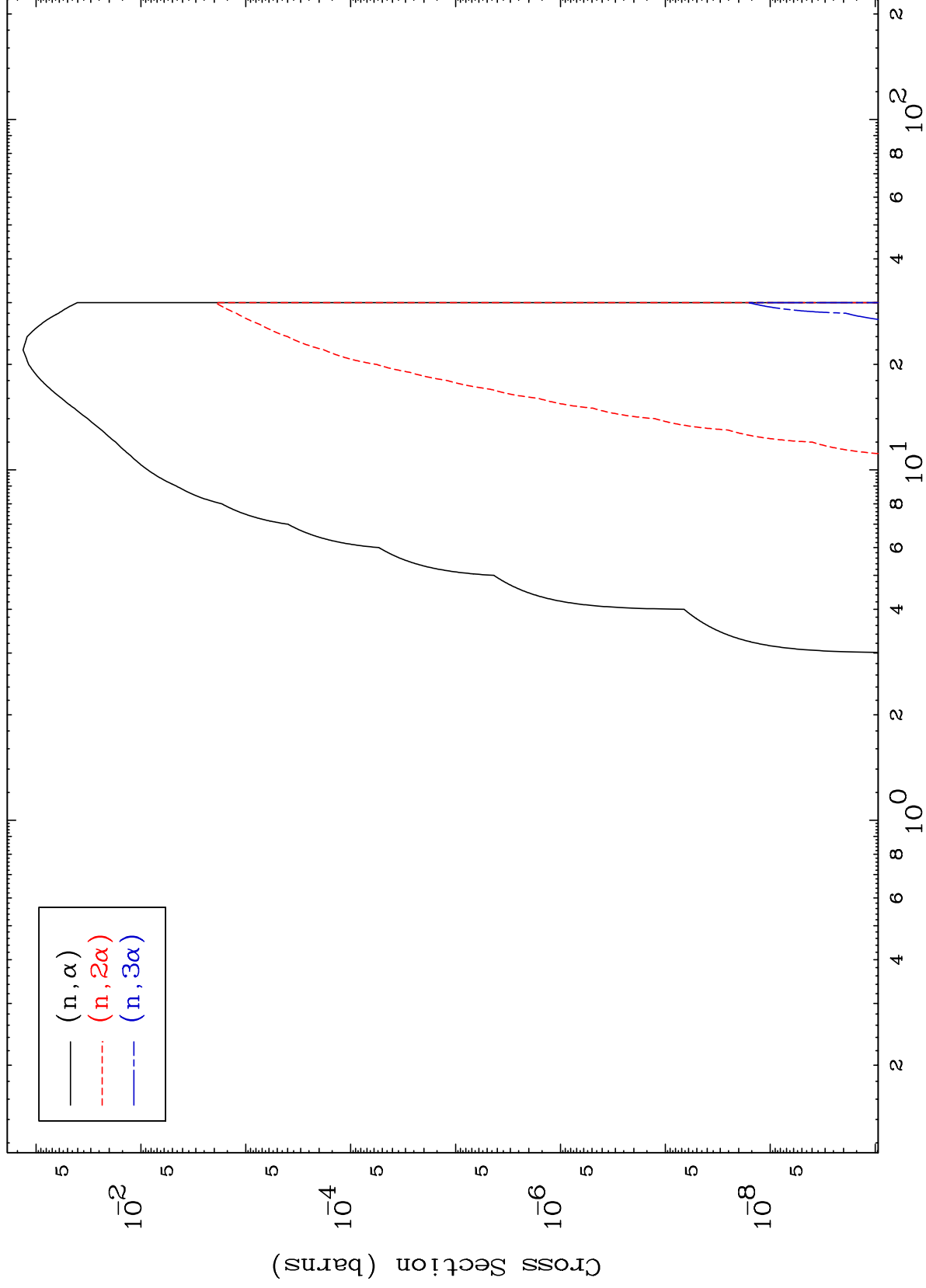
Incident Energy (MeV)

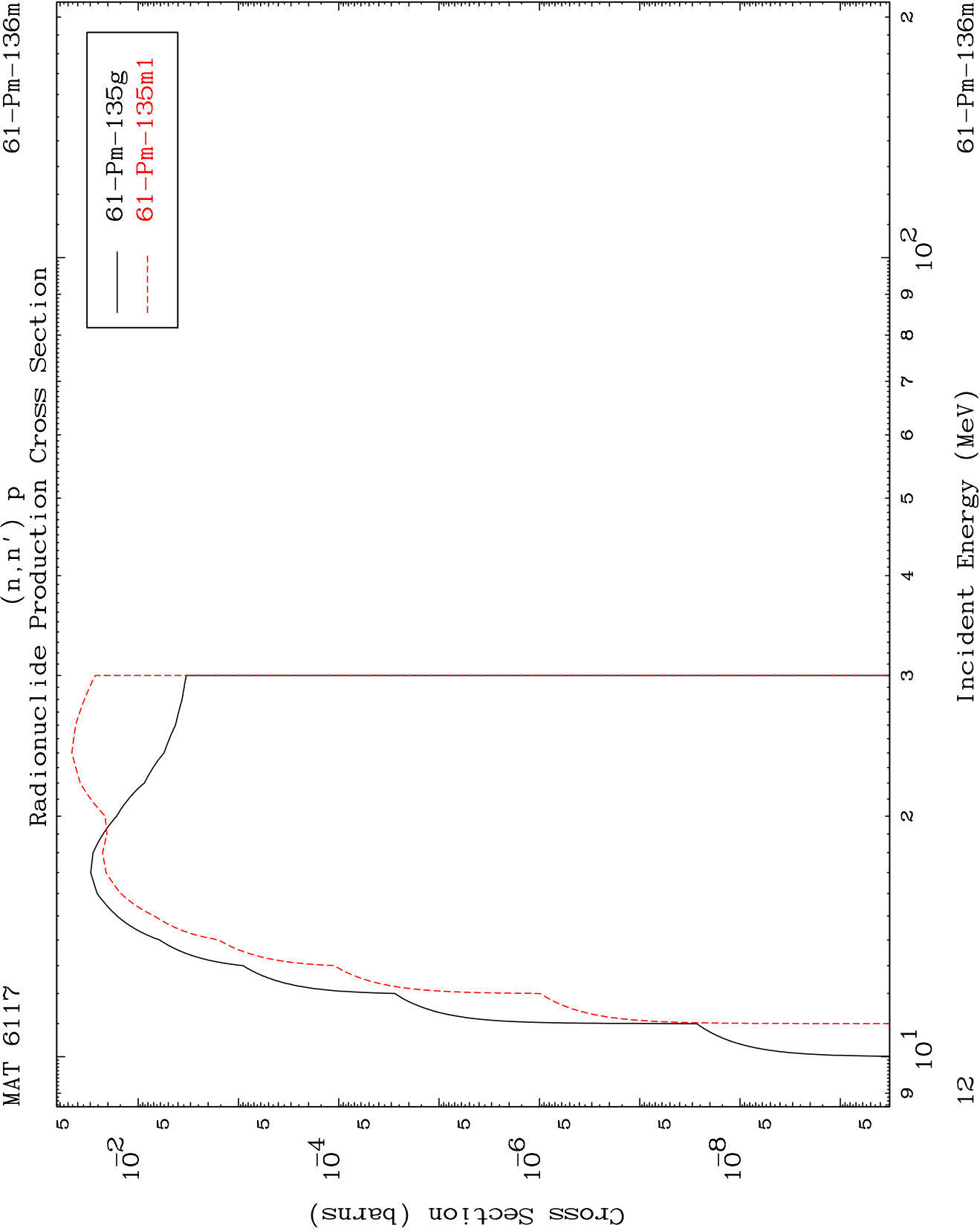
8

(p,t) Levels
0 Kelvin Cross Sections





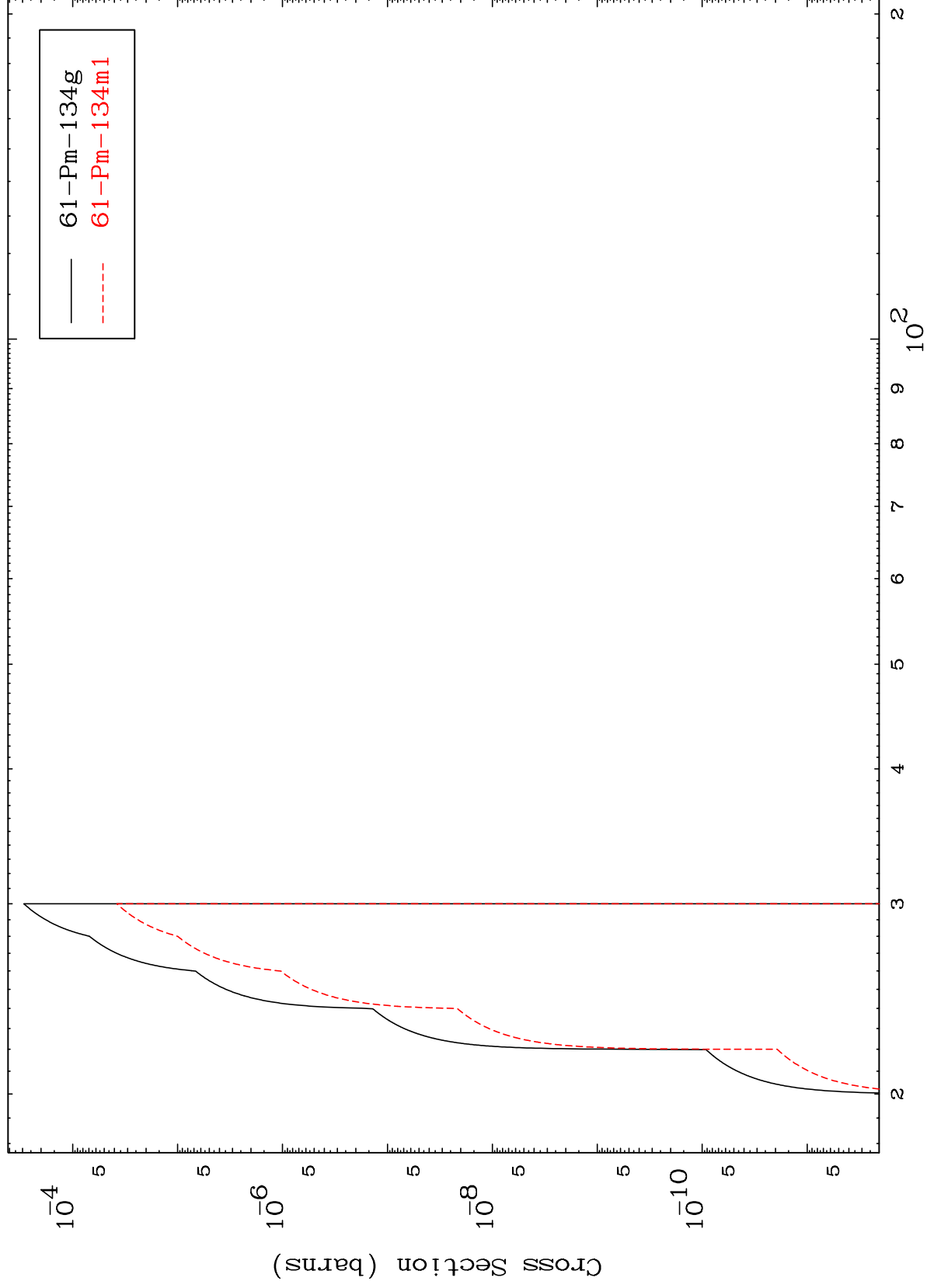




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61-Pm-136m

(n,n') d
Radionuclide Production Cross Section



13

Incident Energy (MeV)

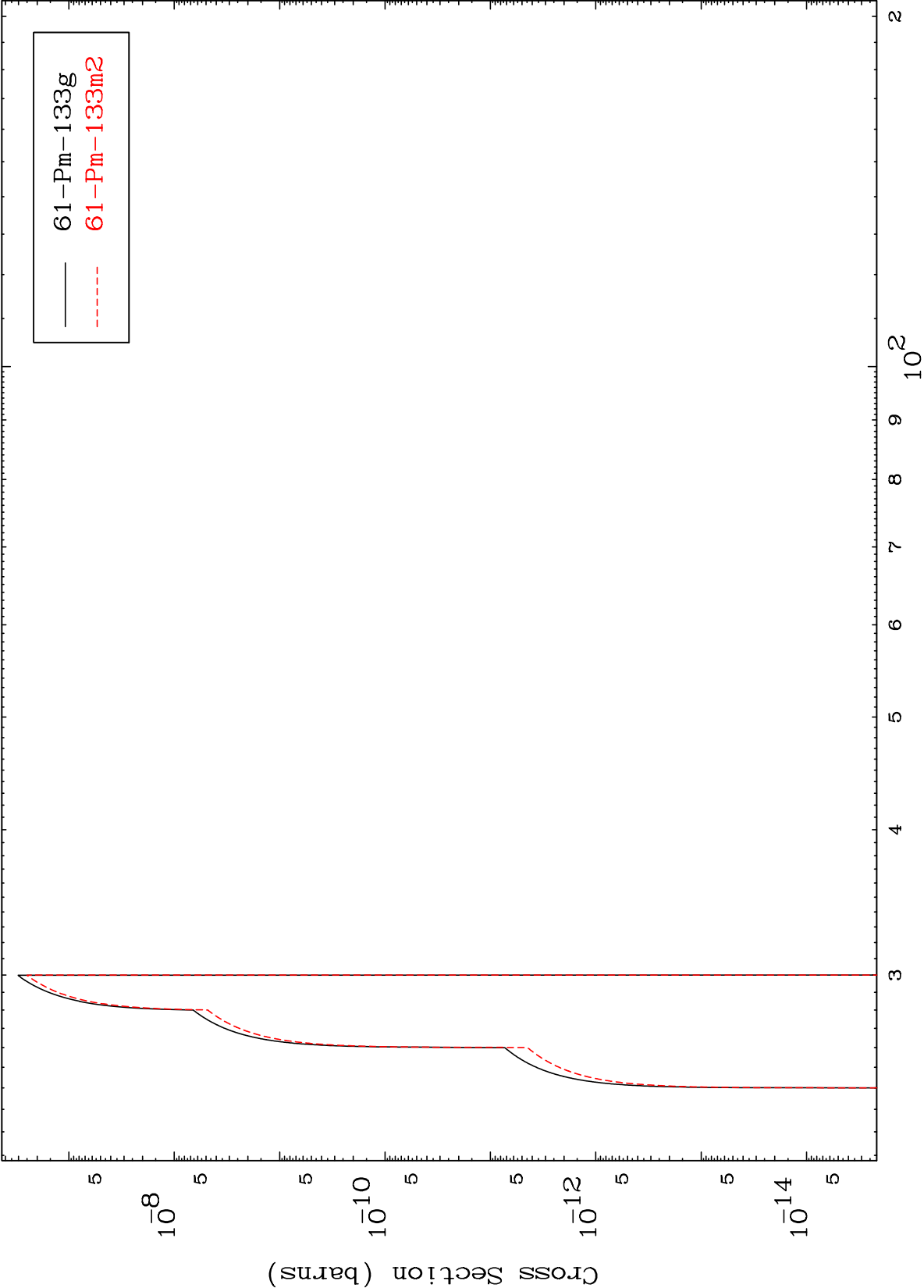
61-Pm-136m

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(n,n') t

61-Pm-136m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

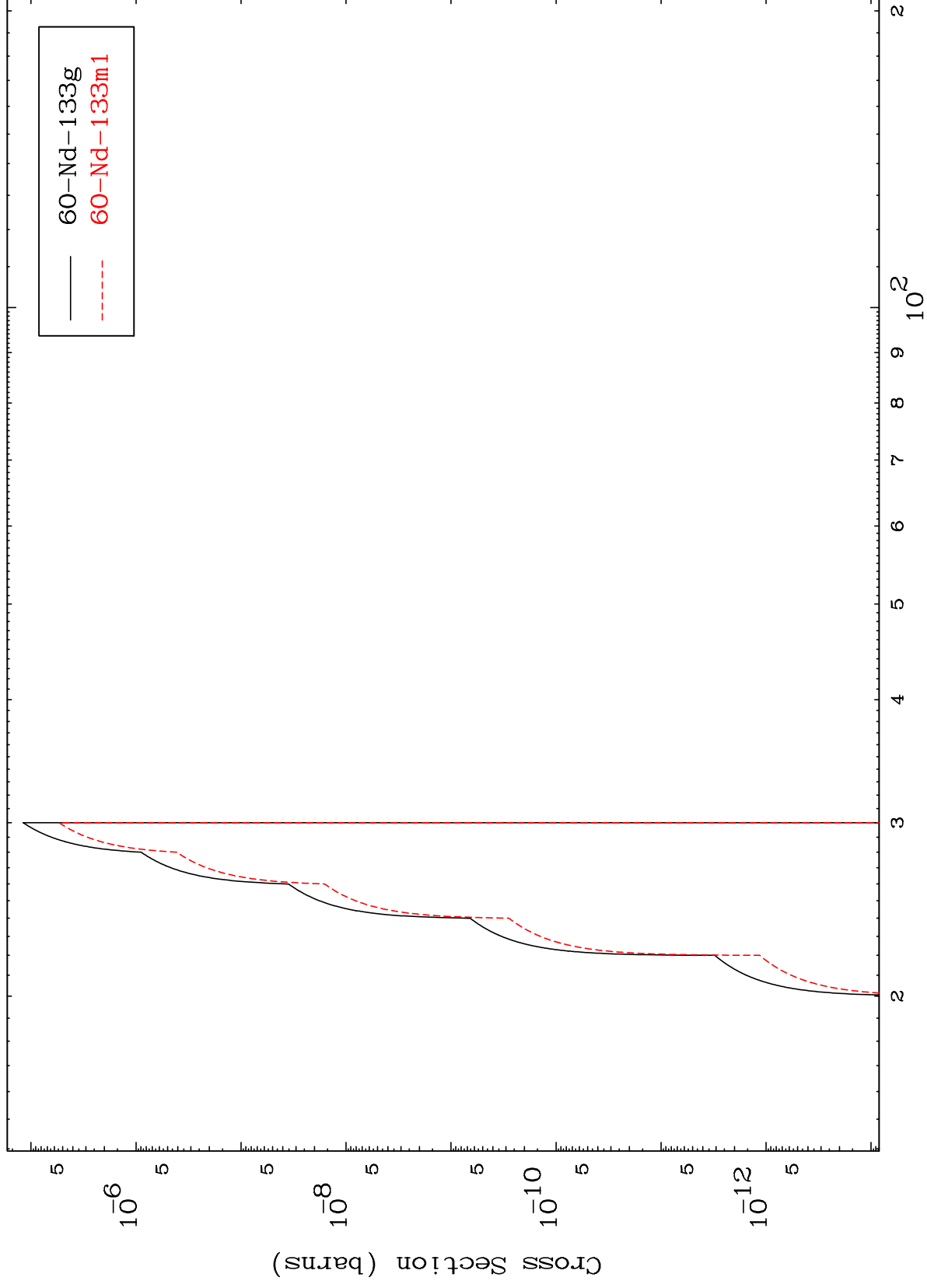
61-Pm-136m

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(n,n') He-3

61-Pm-136m

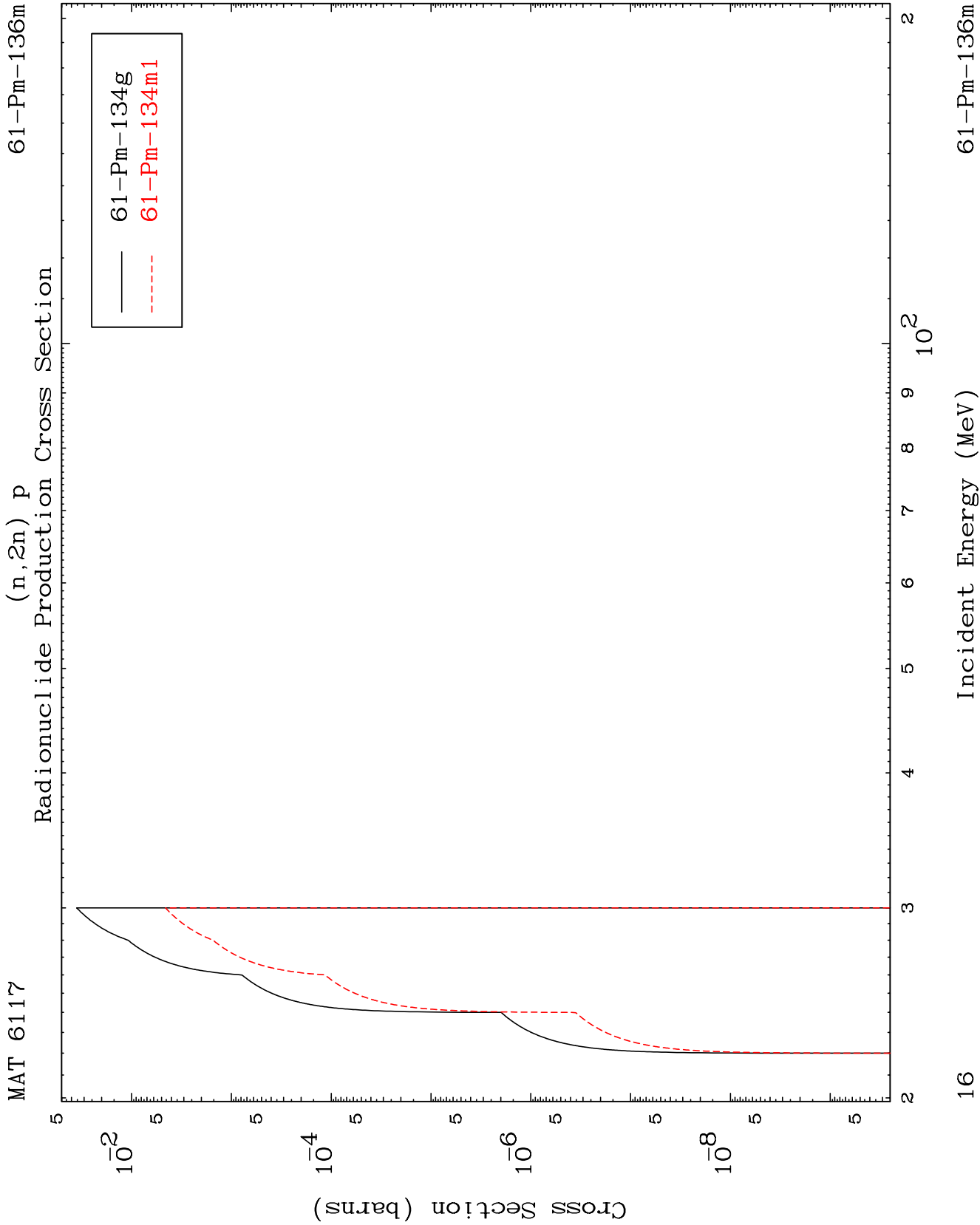
Radionuclide Production Cross Section



15

Incident Energy (MeV)

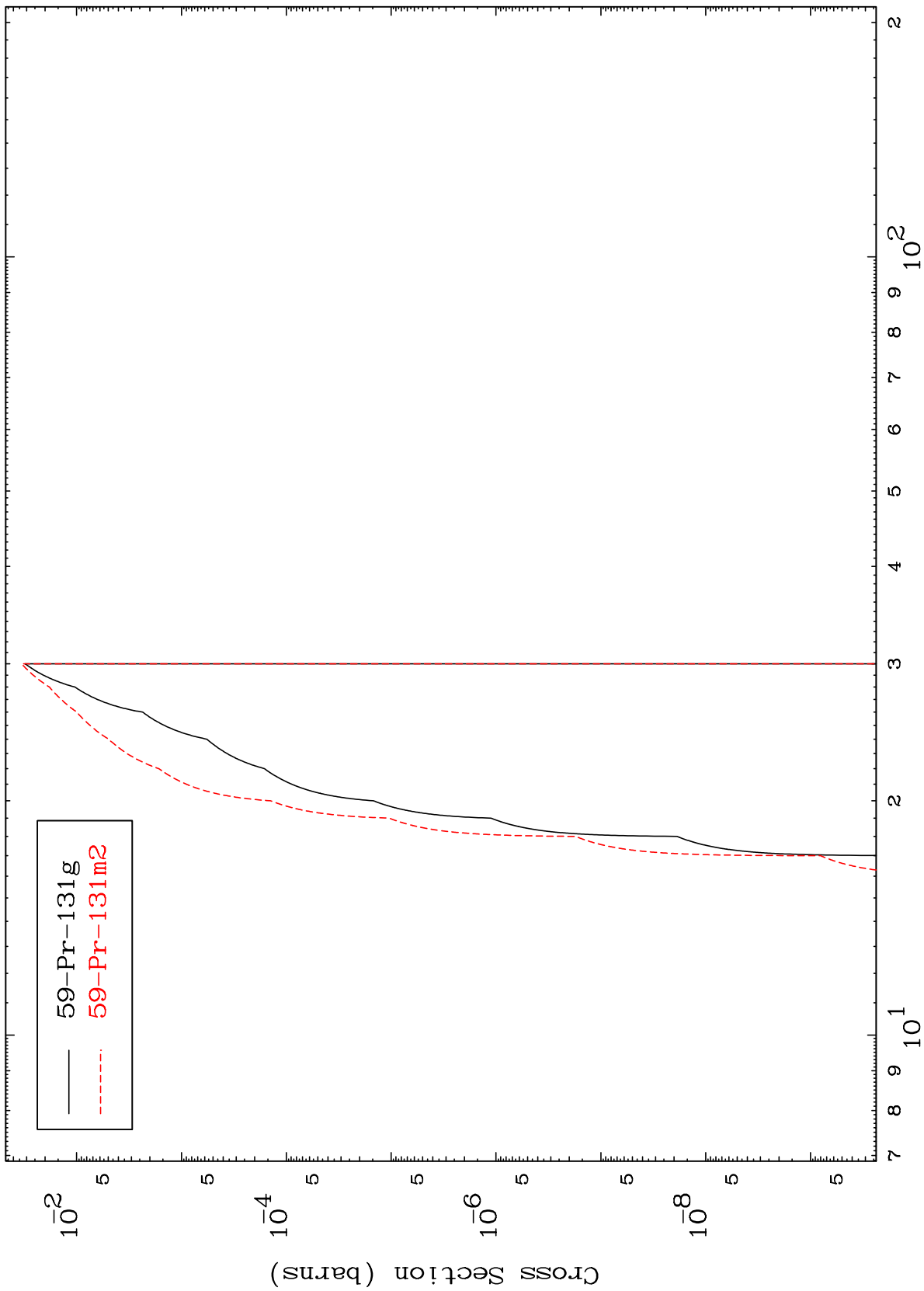
61-Pm-136m



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61-Pm-136m

(n,n') p α
Radionuclide Production Cross Section



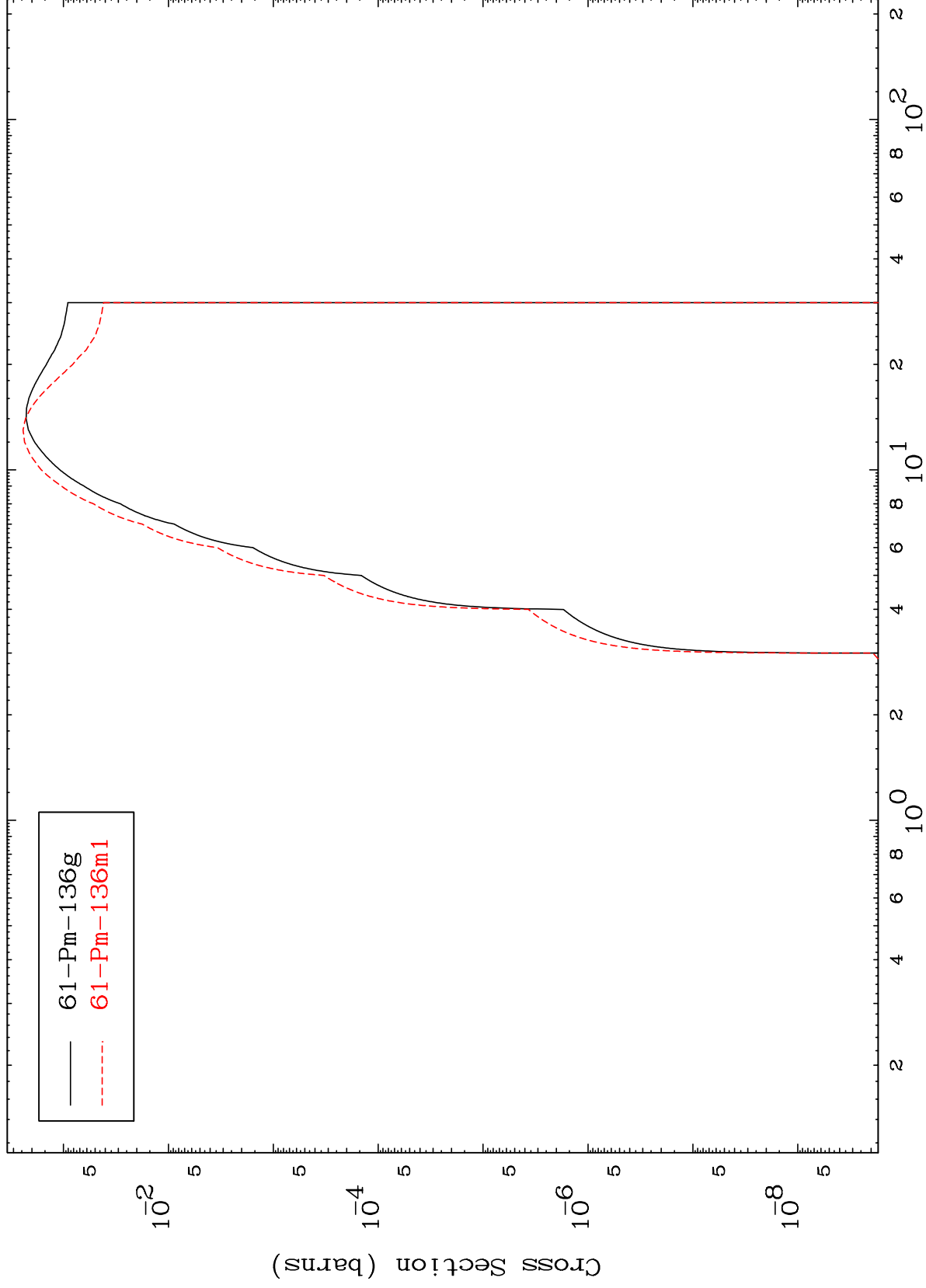
61-Pm-136m

61-Pm-136m

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61-Pm-136m

Radionuclide Production Cross Section



18

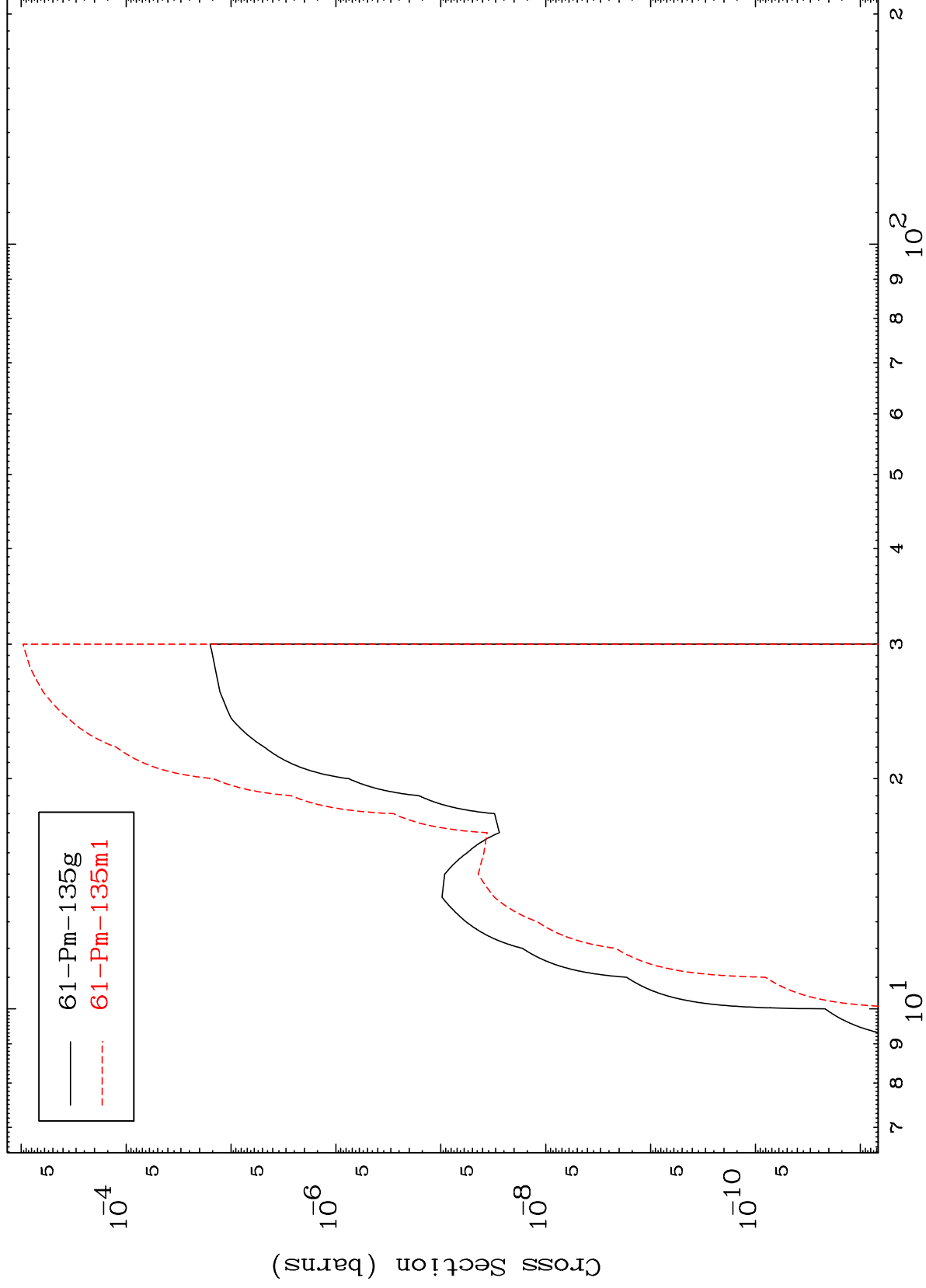
Incident Energy (MeV)

61-Pm-136m

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61-Pm-136m

Radionuclide Production Cross Section

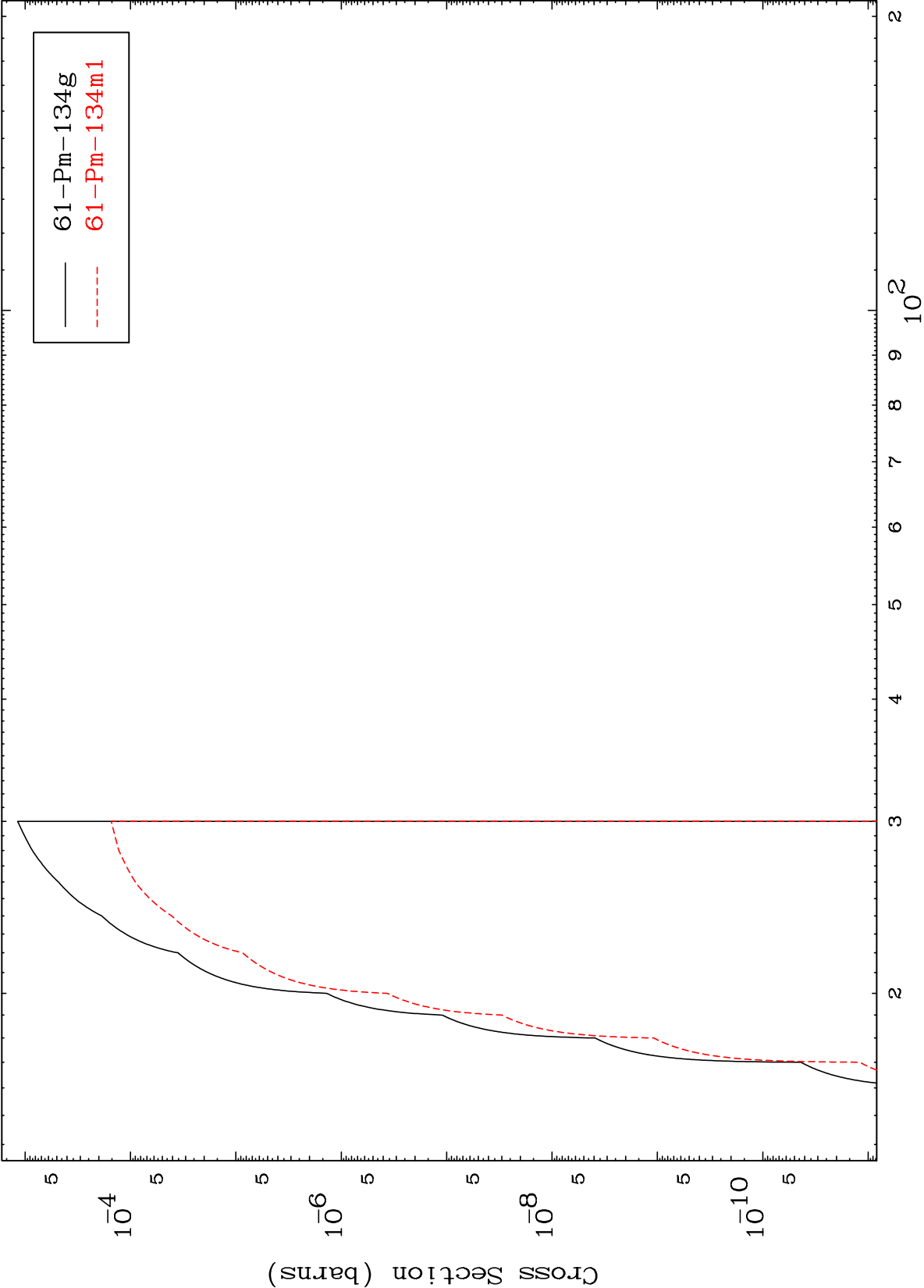


61-Pm-136m

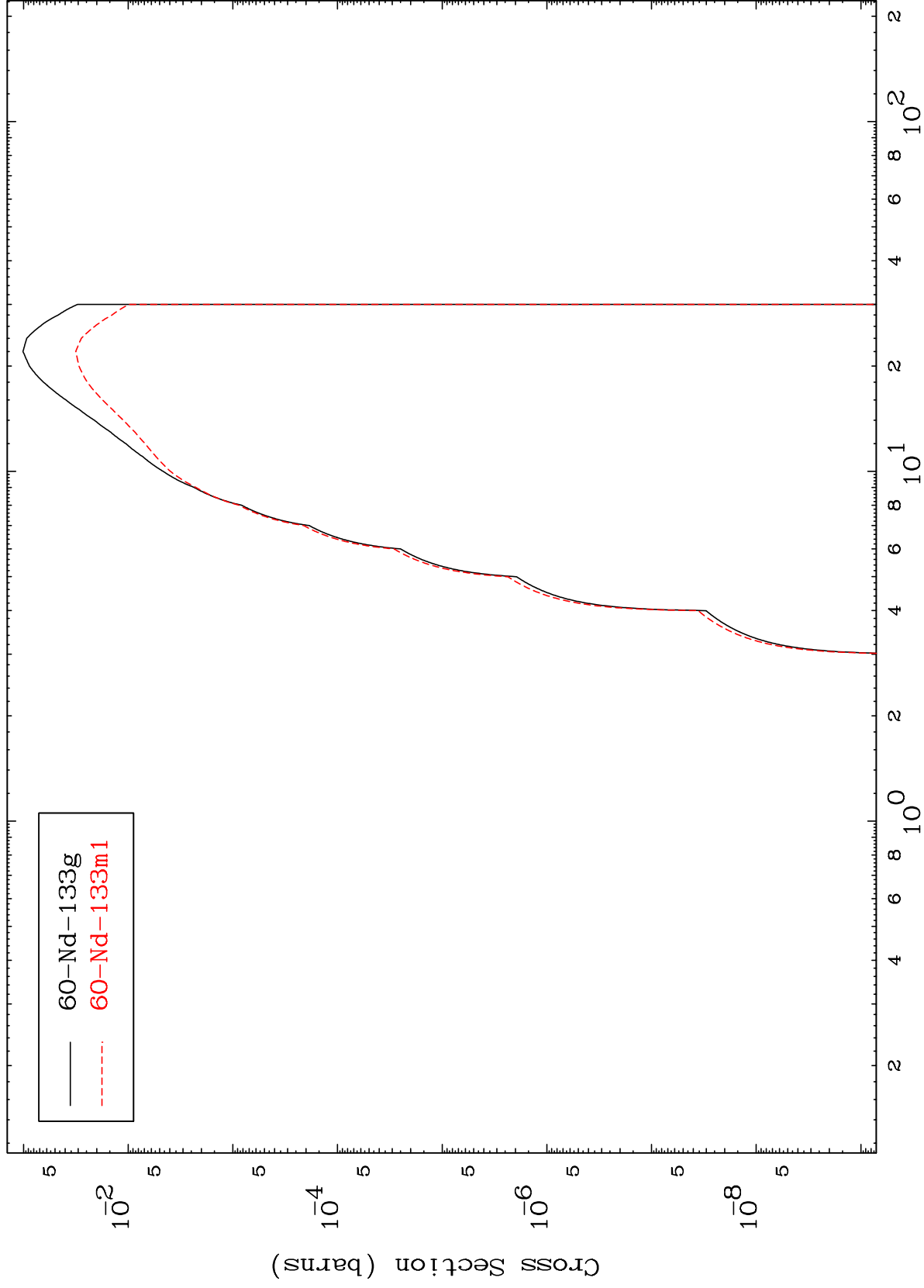
Incident Energy (MeV)

19

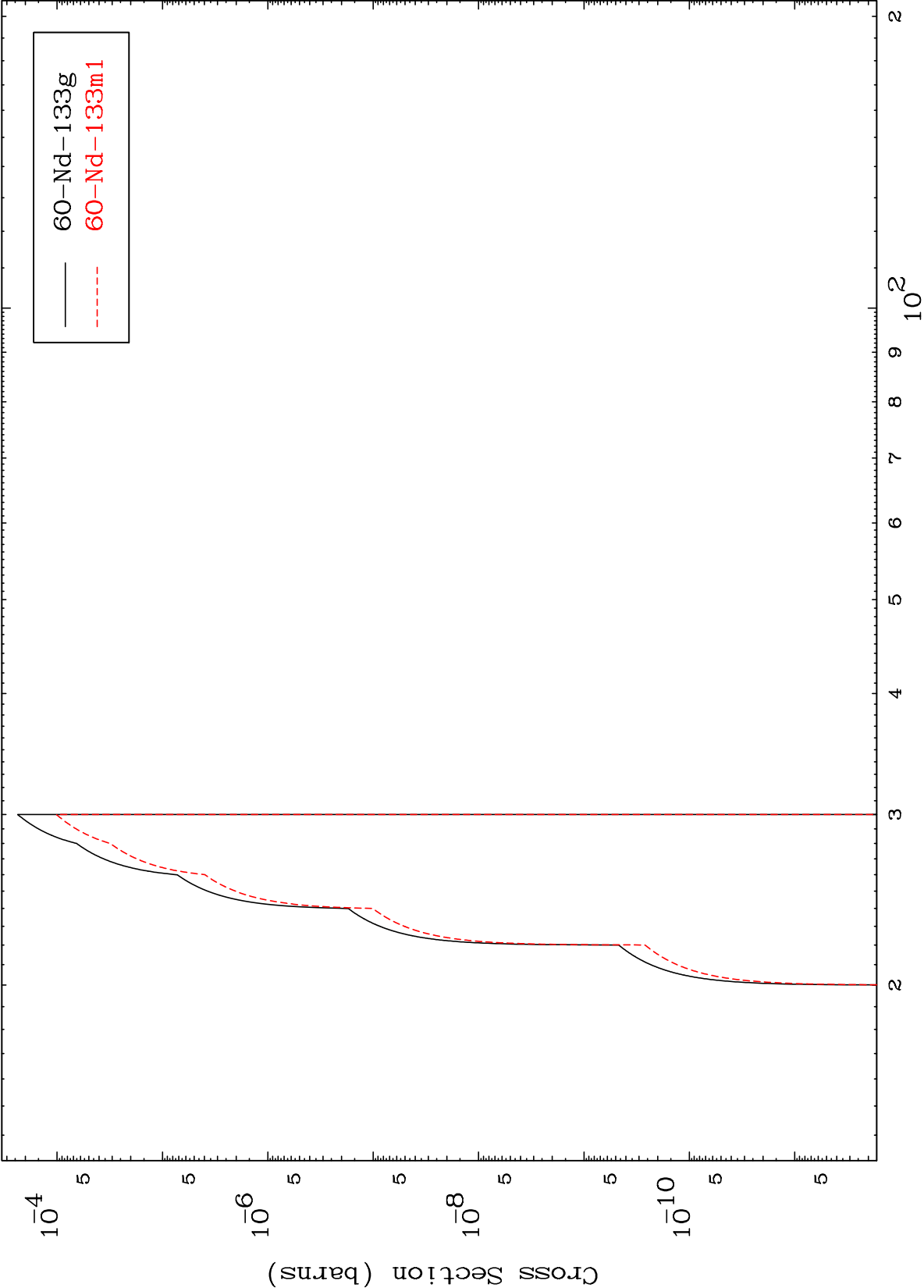
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n, α)



Radionuclide Production Cross Section

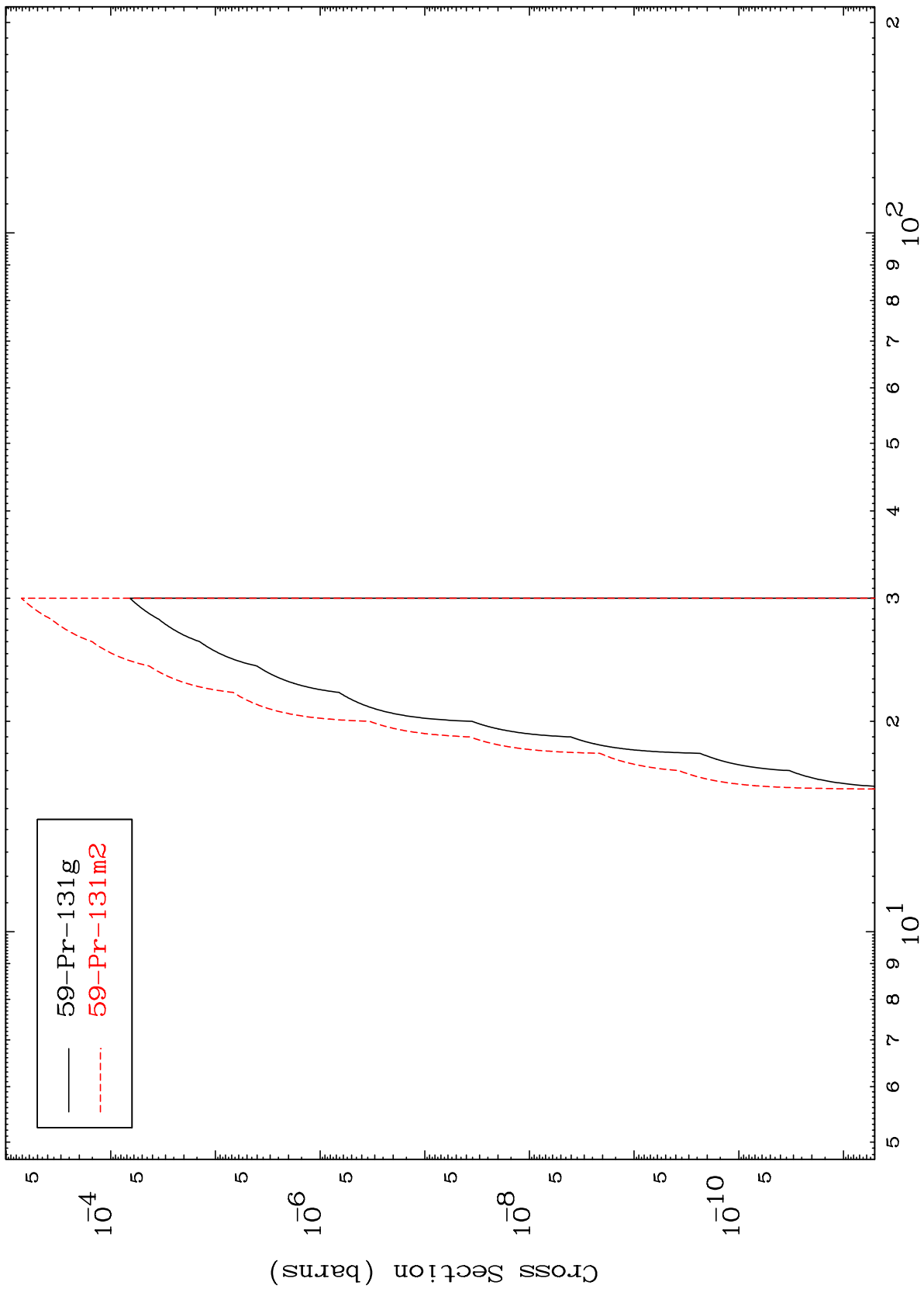


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61-Pm-136m

(n,d) α

Radionuclide Production Cross Section



23

Incident Energy (MeV)

61-Pm-136m