

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

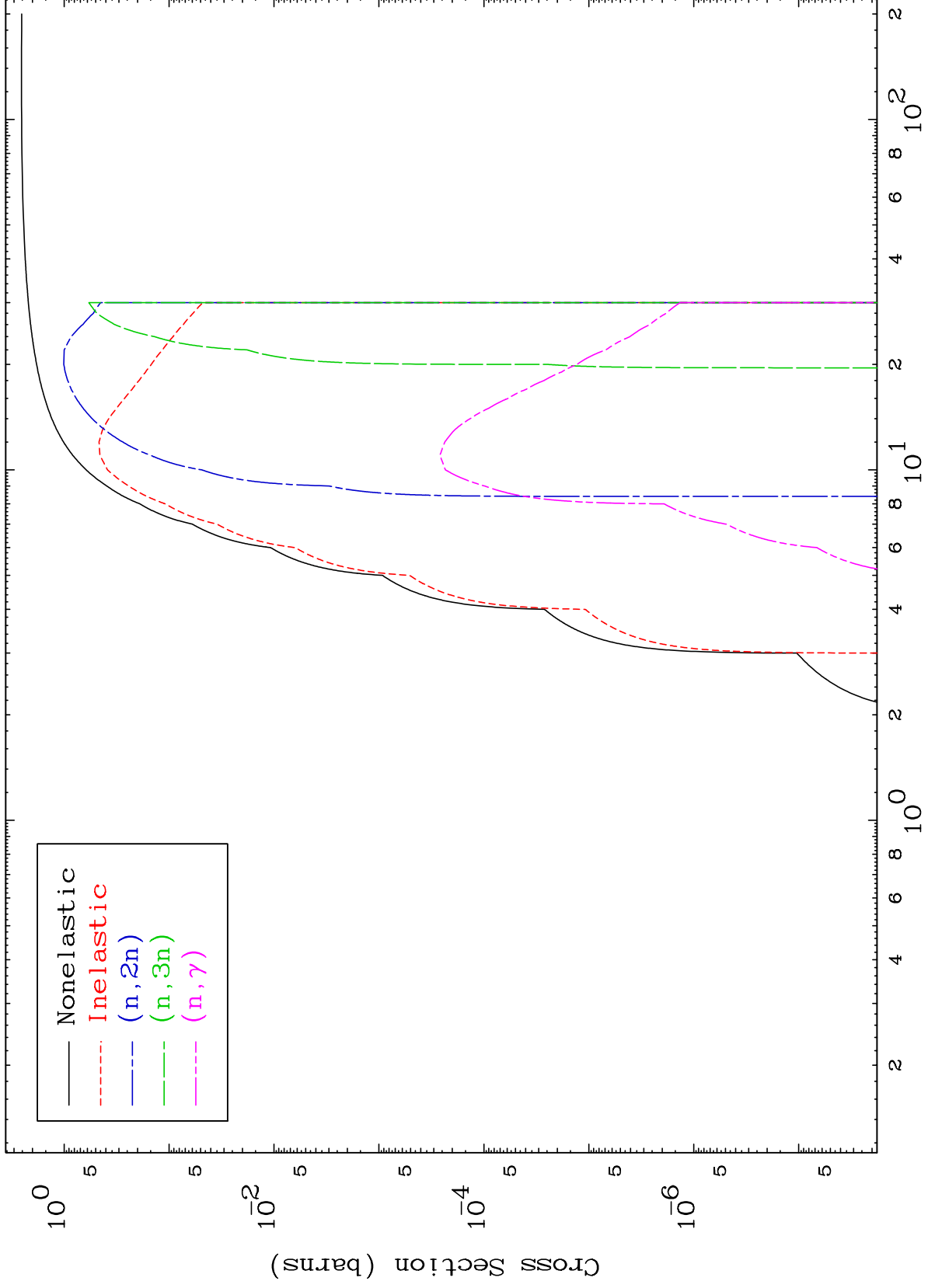
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Web:redcullen1.net/HOMEPAGE.NEW

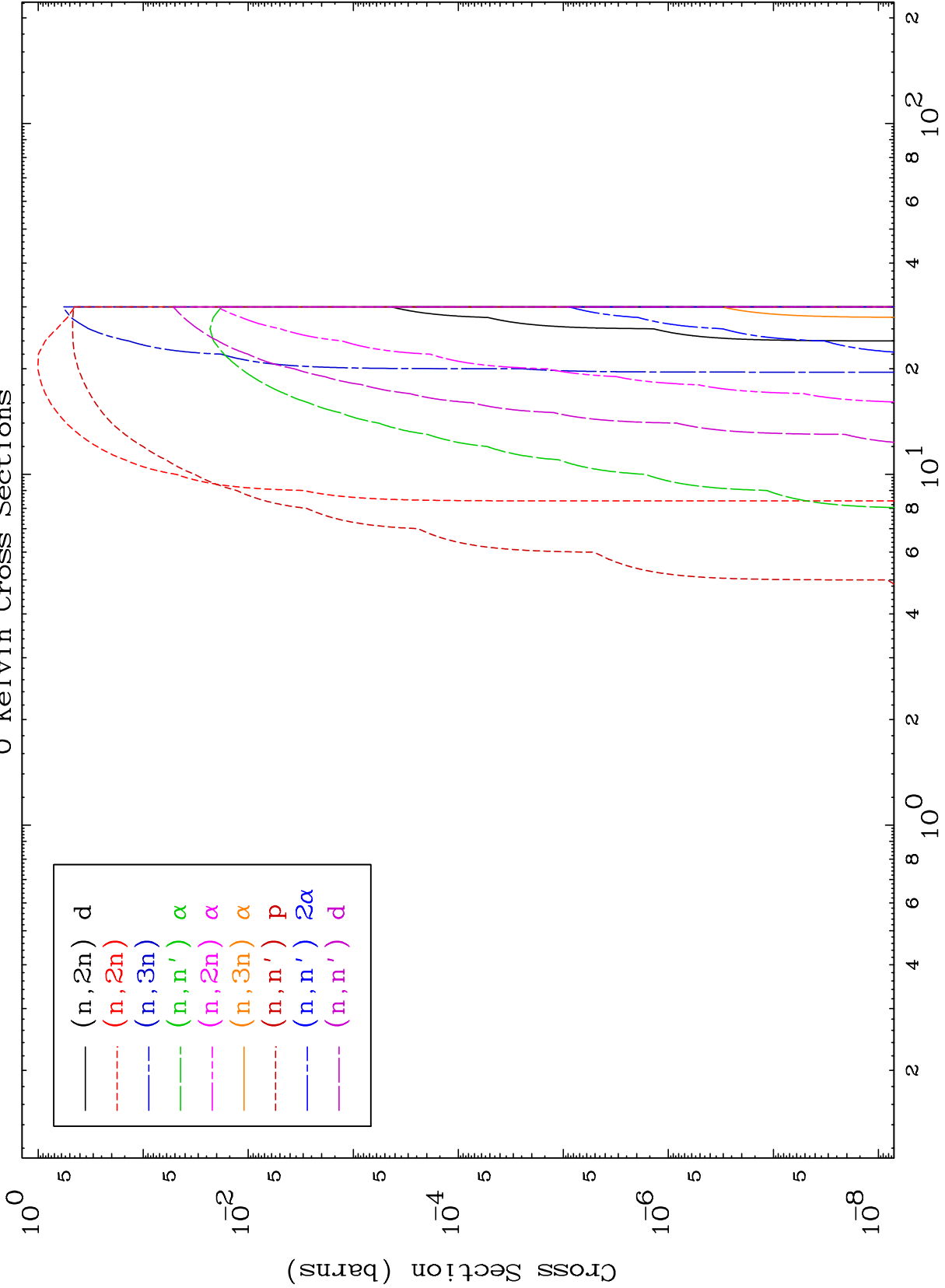
Press Mouse Button to Start

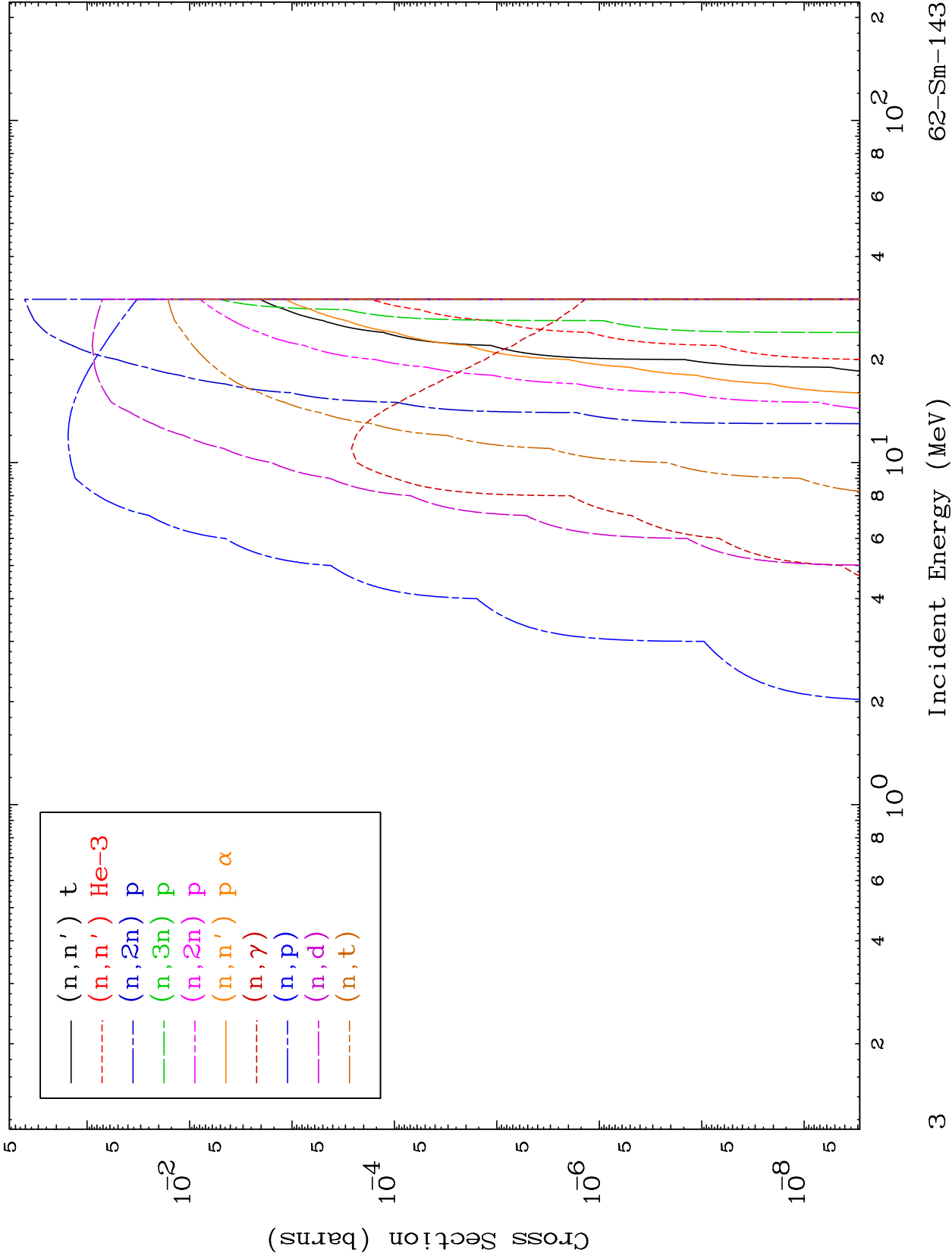


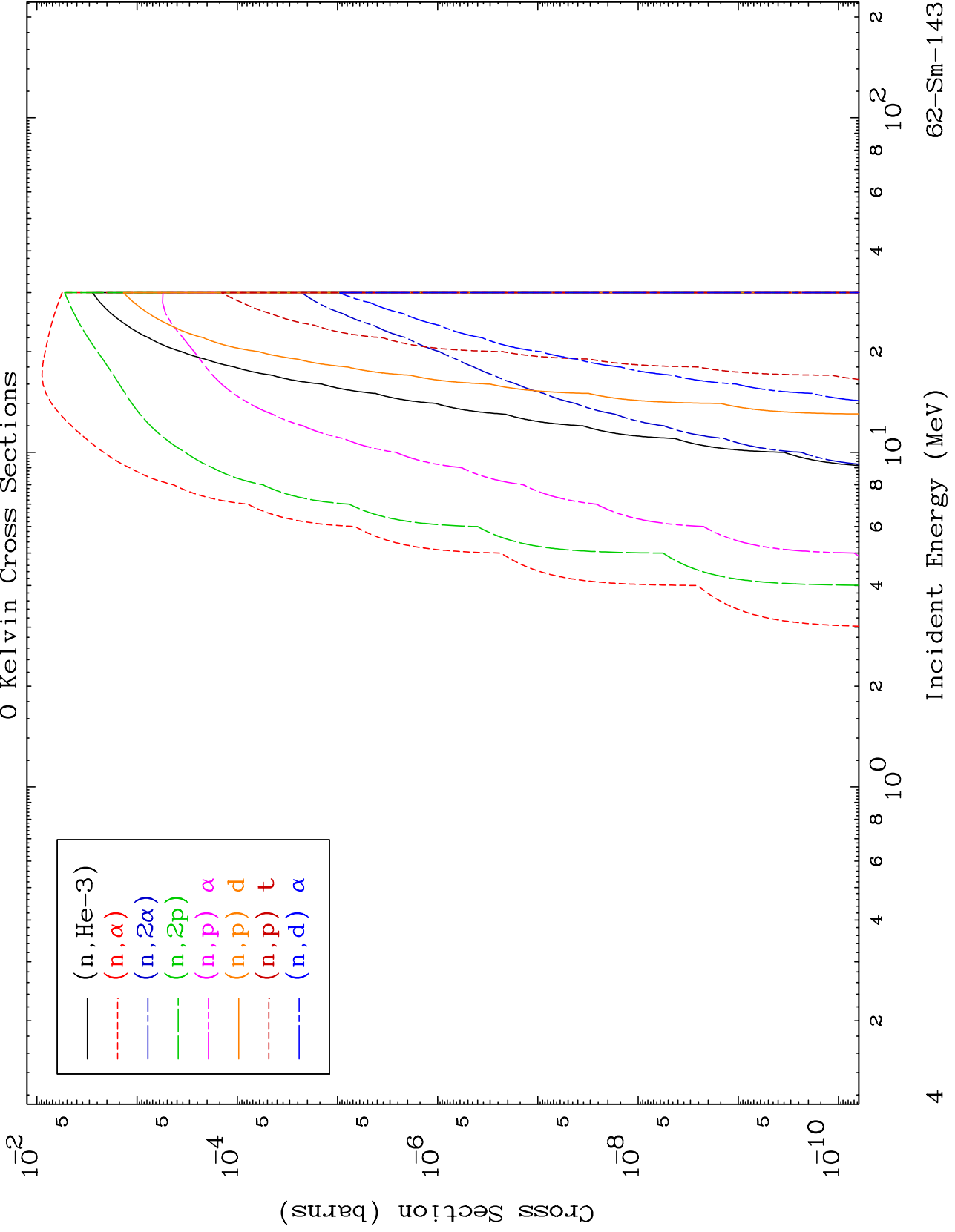
MAT 6222

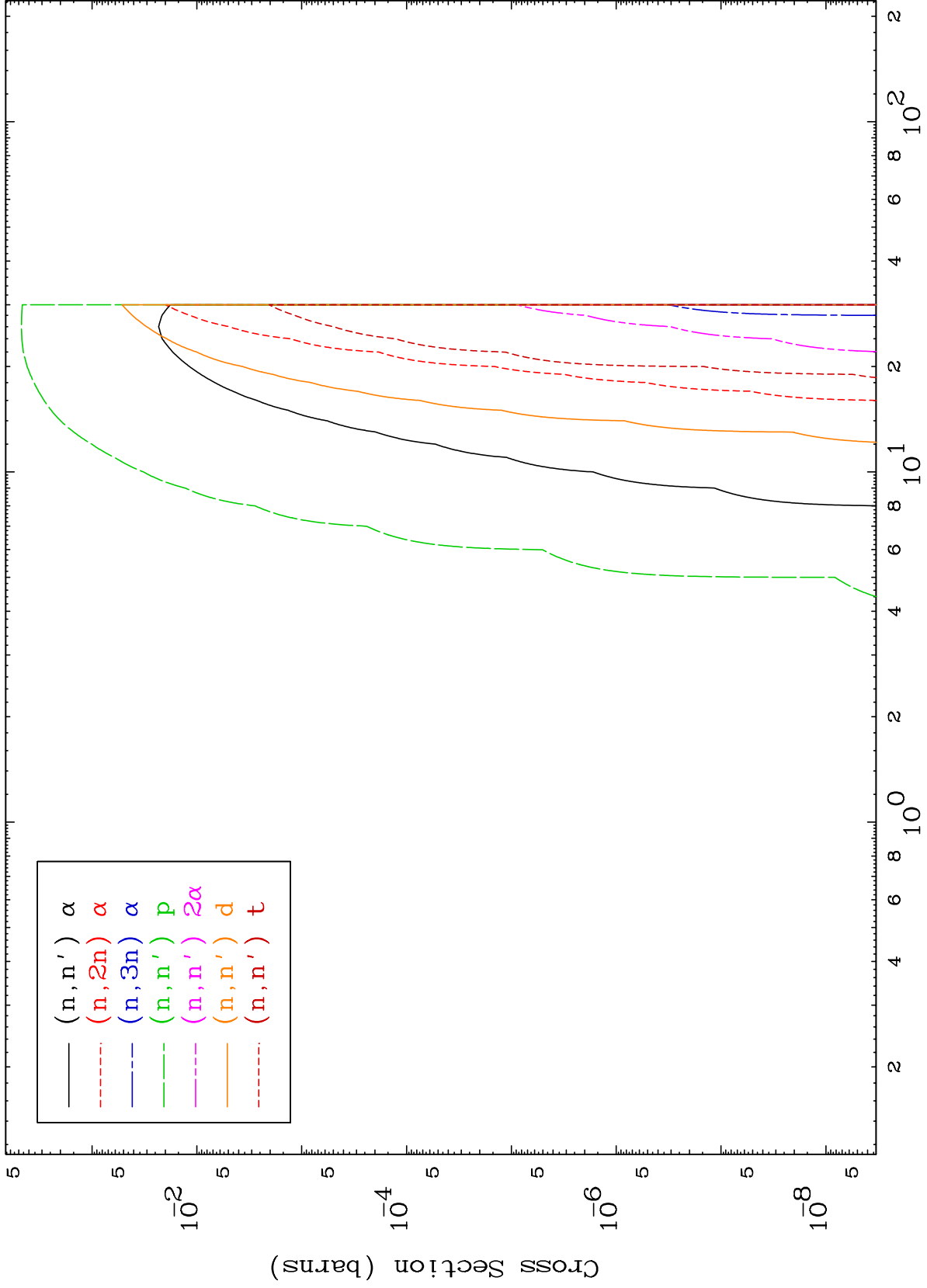
Deuteron Neutron Absorption
0 Kelvin Cross Sections

62-Sm-143





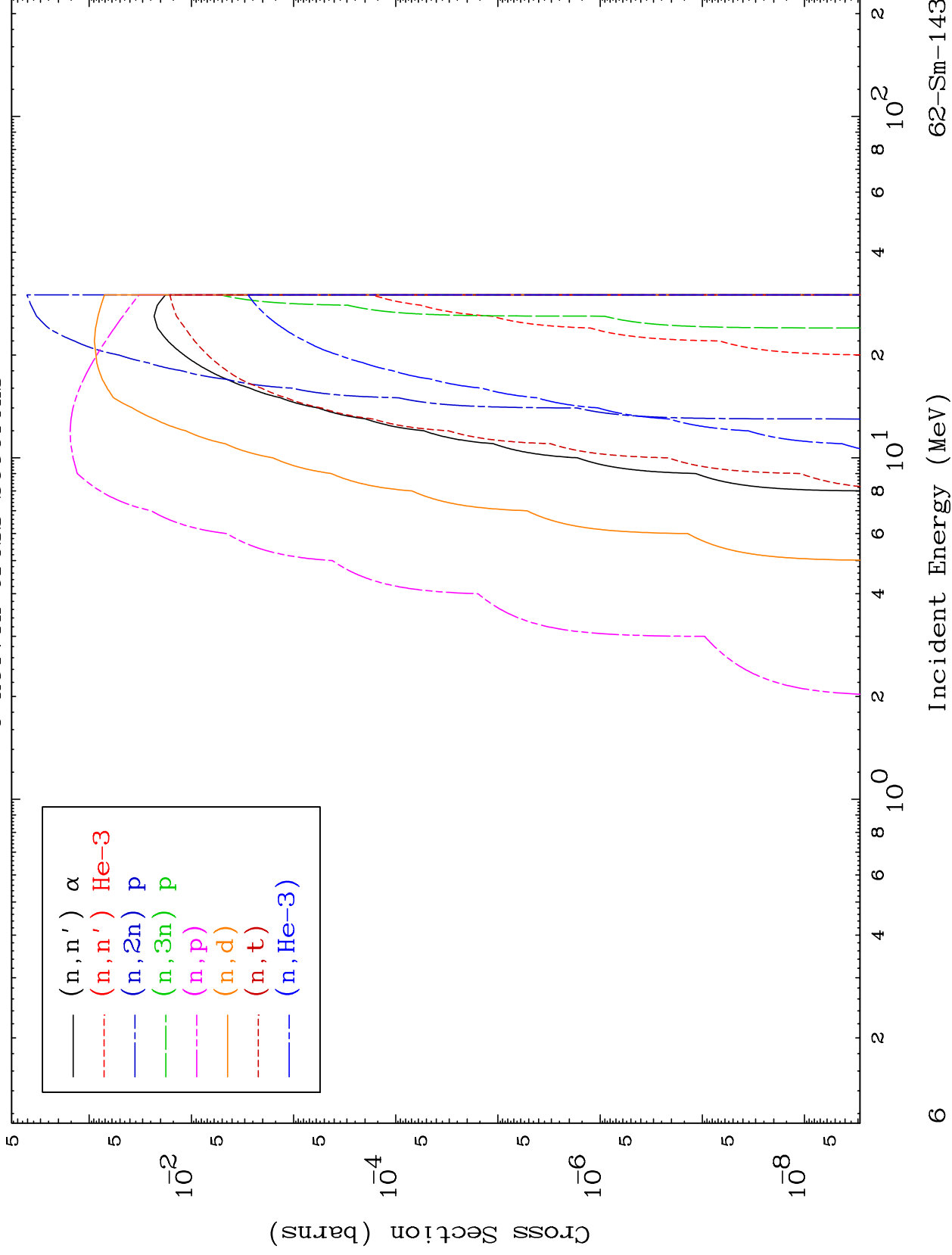


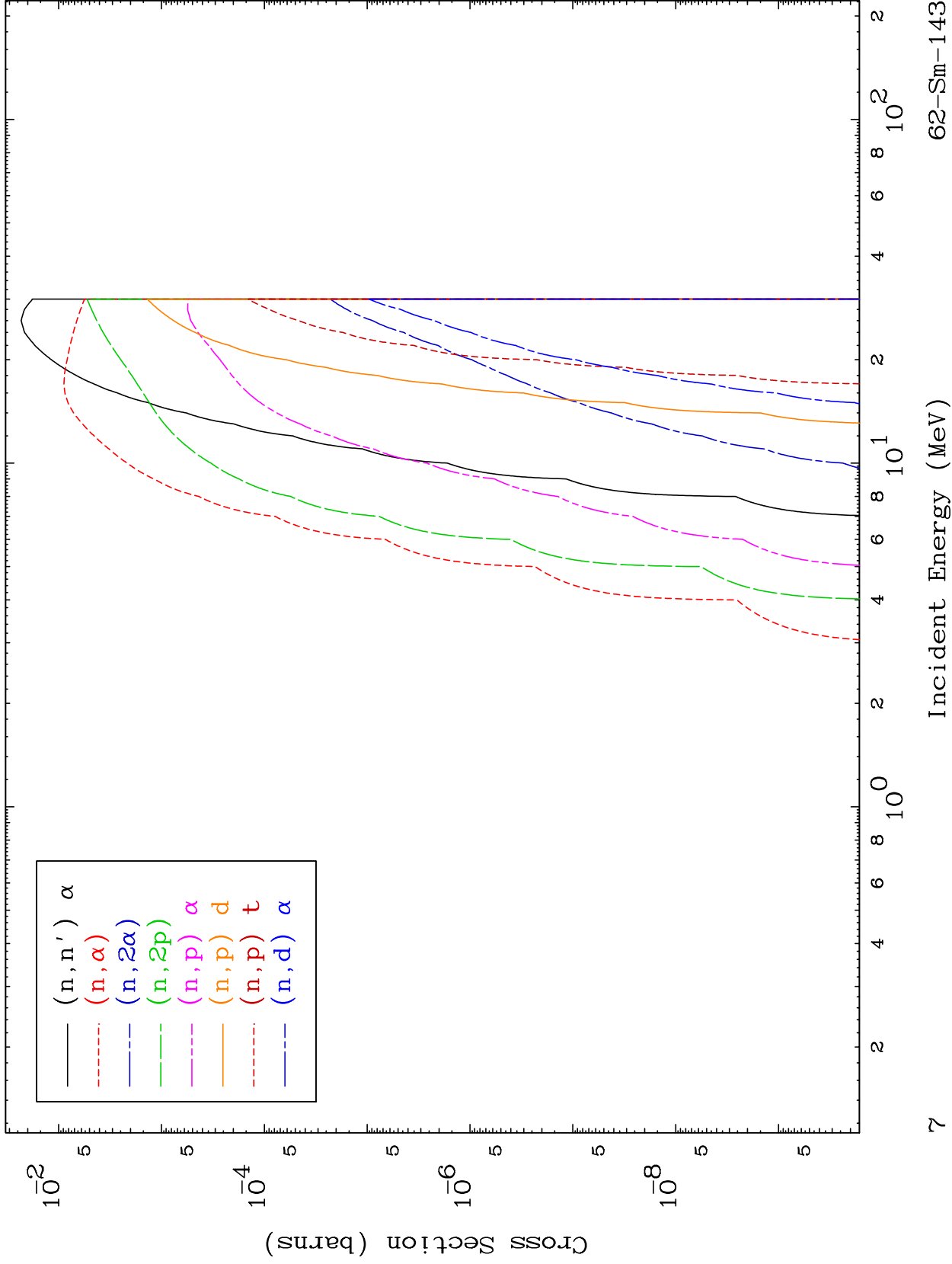


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Deuteron Charged Particle
0 Kelvin Cross Sections

62-Sm-143

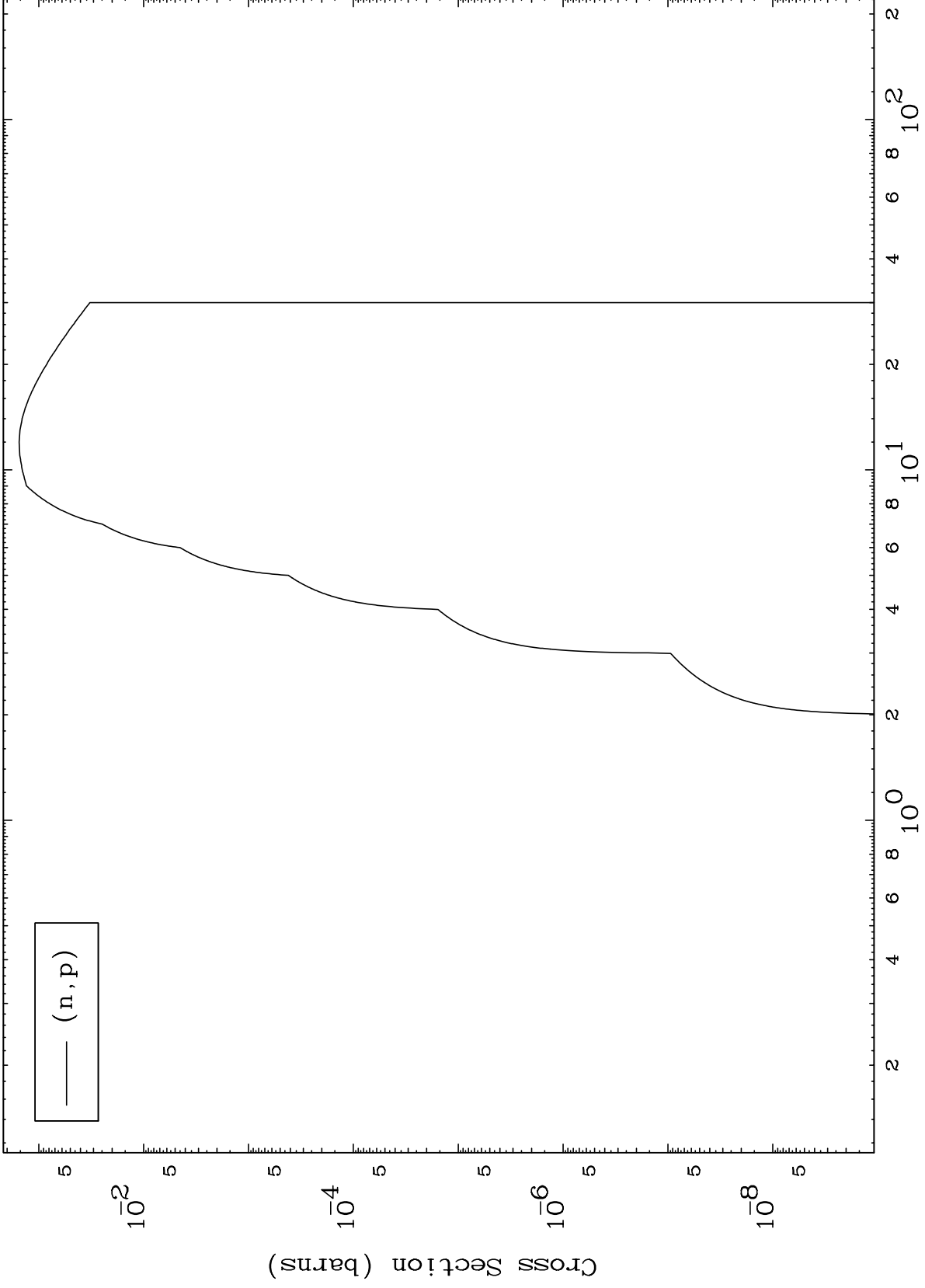




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62-Sm-143

(d,p) Levels
0 Kelvin Cross Sections

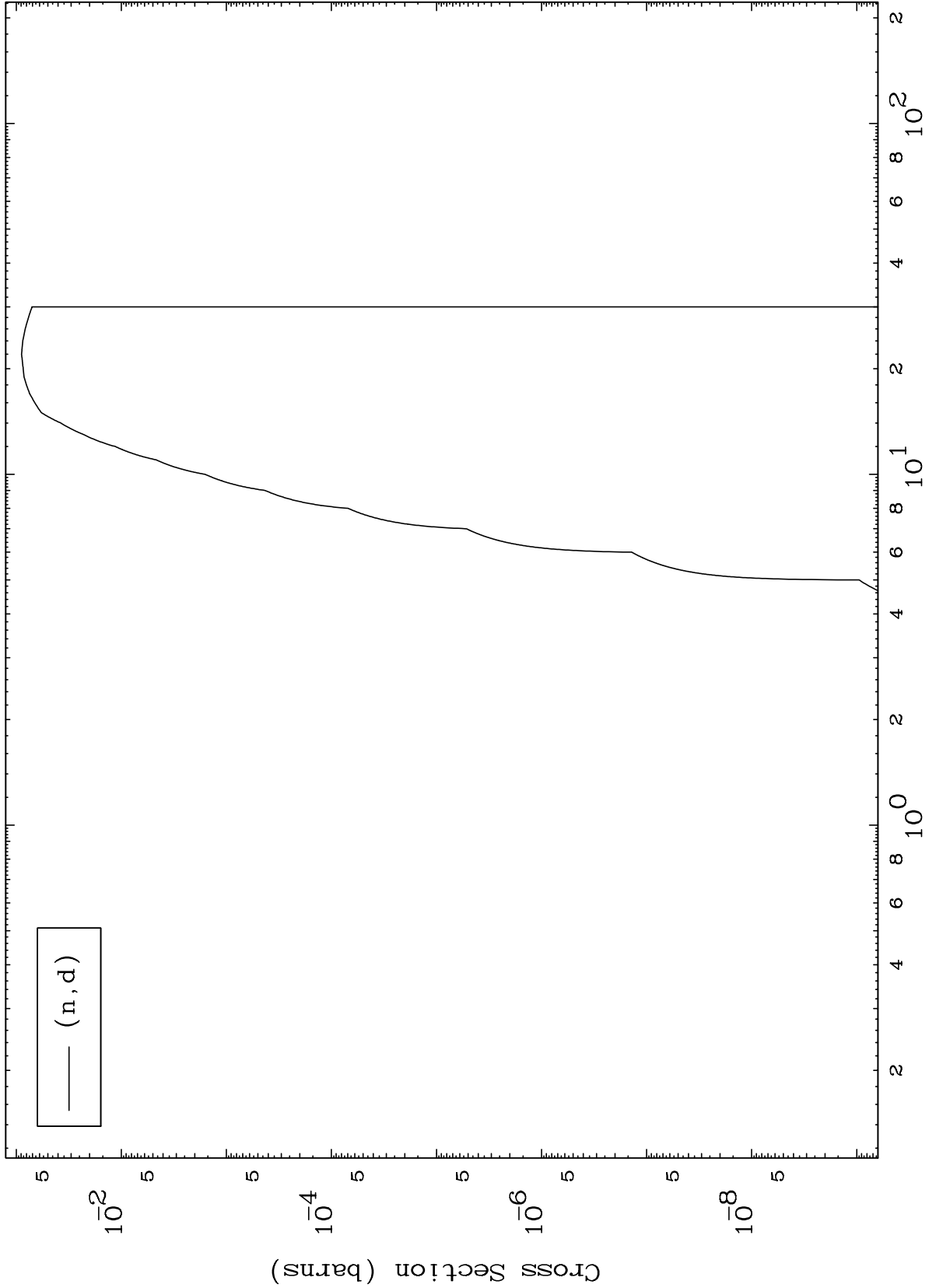


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(d,d) Levels

62-Sm-143

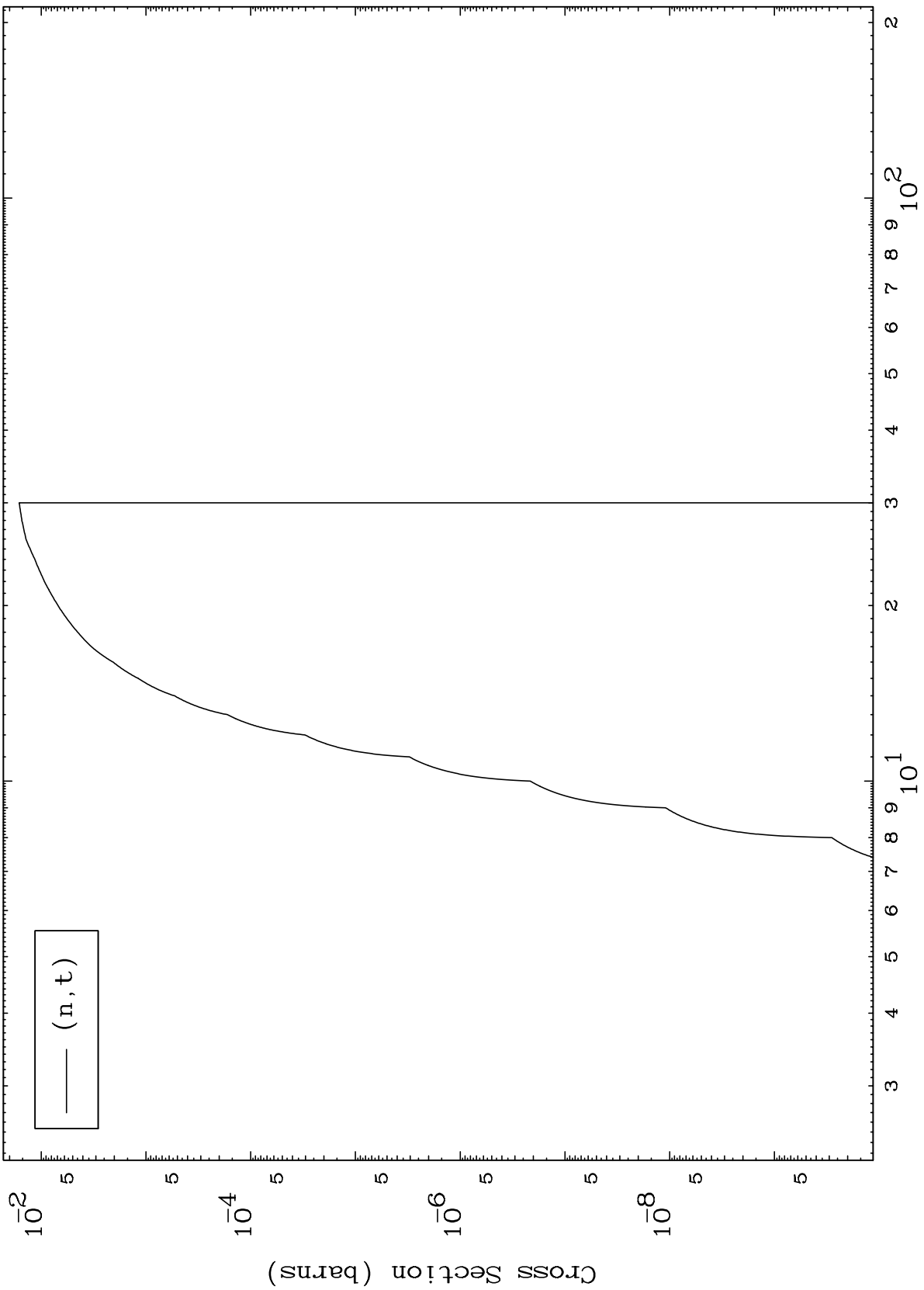
0 Kelvin Cross Sections



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62-Sm-143

(d,t) Levels
0 Kelvin Cross Sections



(n,t)

62-Sm-143

Incident Energy (MeV)

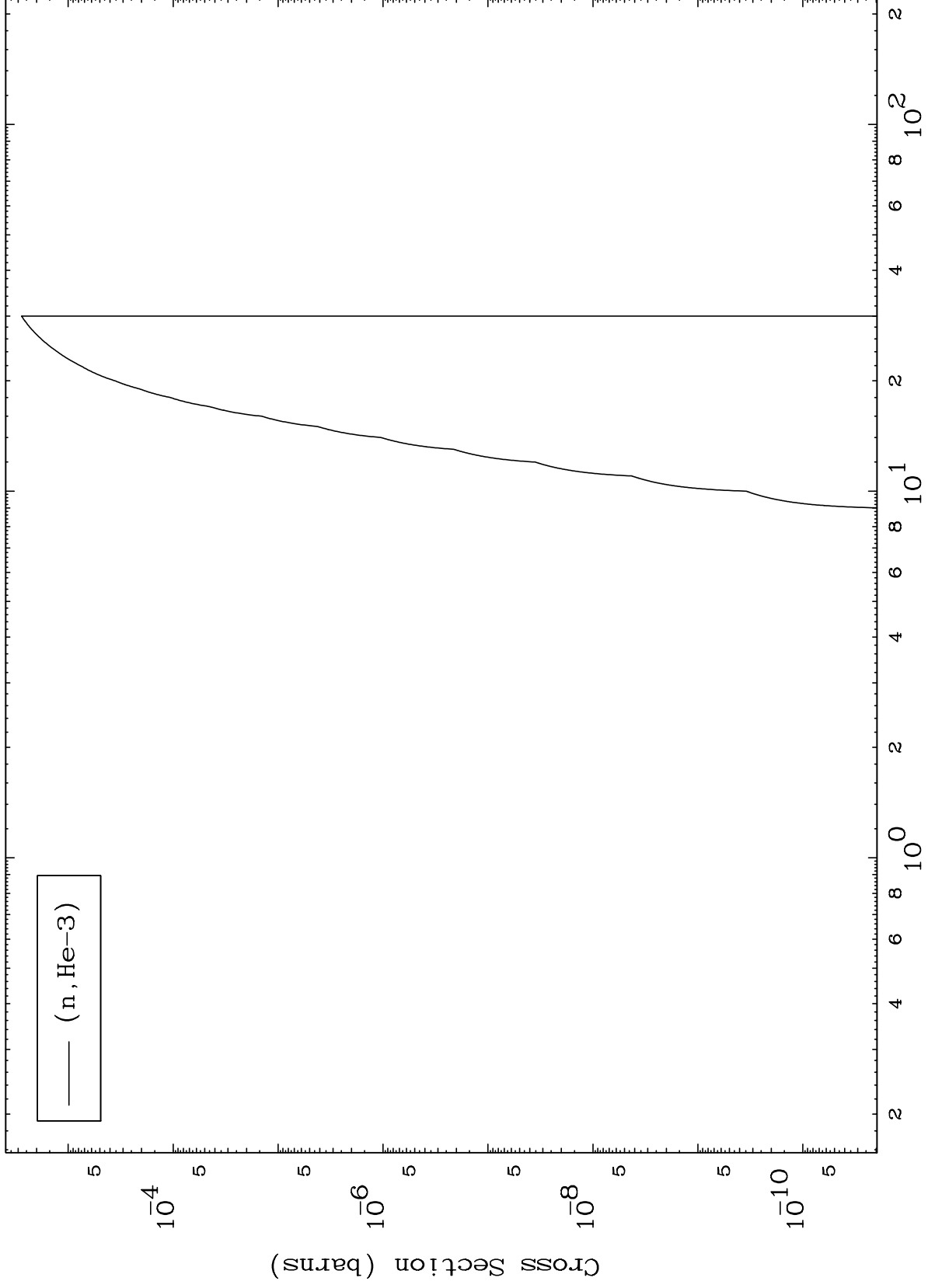
10

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(d,He3) Levels

62-Sm-143

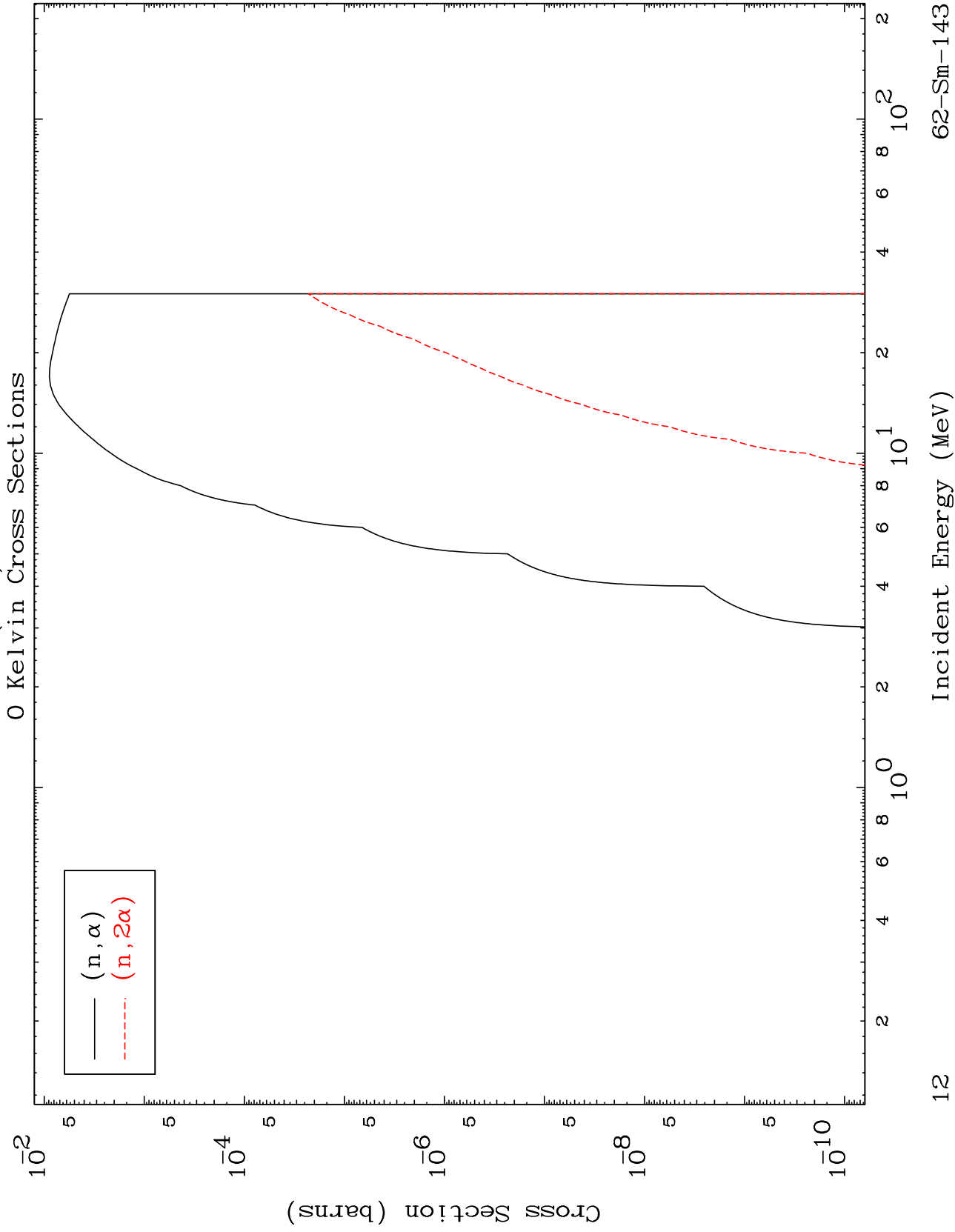
0 Kelvin Cross Sections



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(d, α) Levels

62-Sm-143

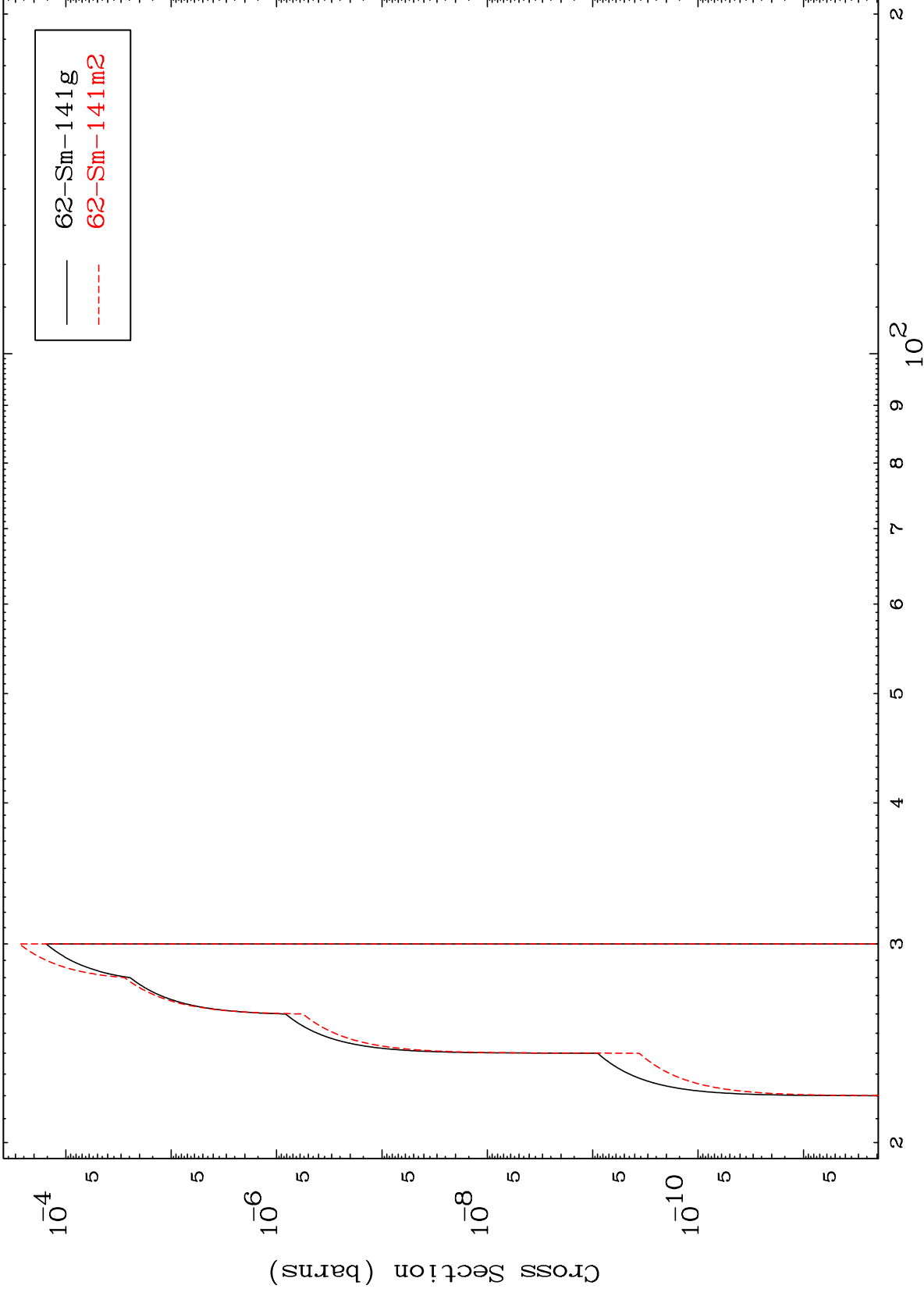


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(n,2n) d

62-Sm-143

Radionuclide Production Cross Section



13

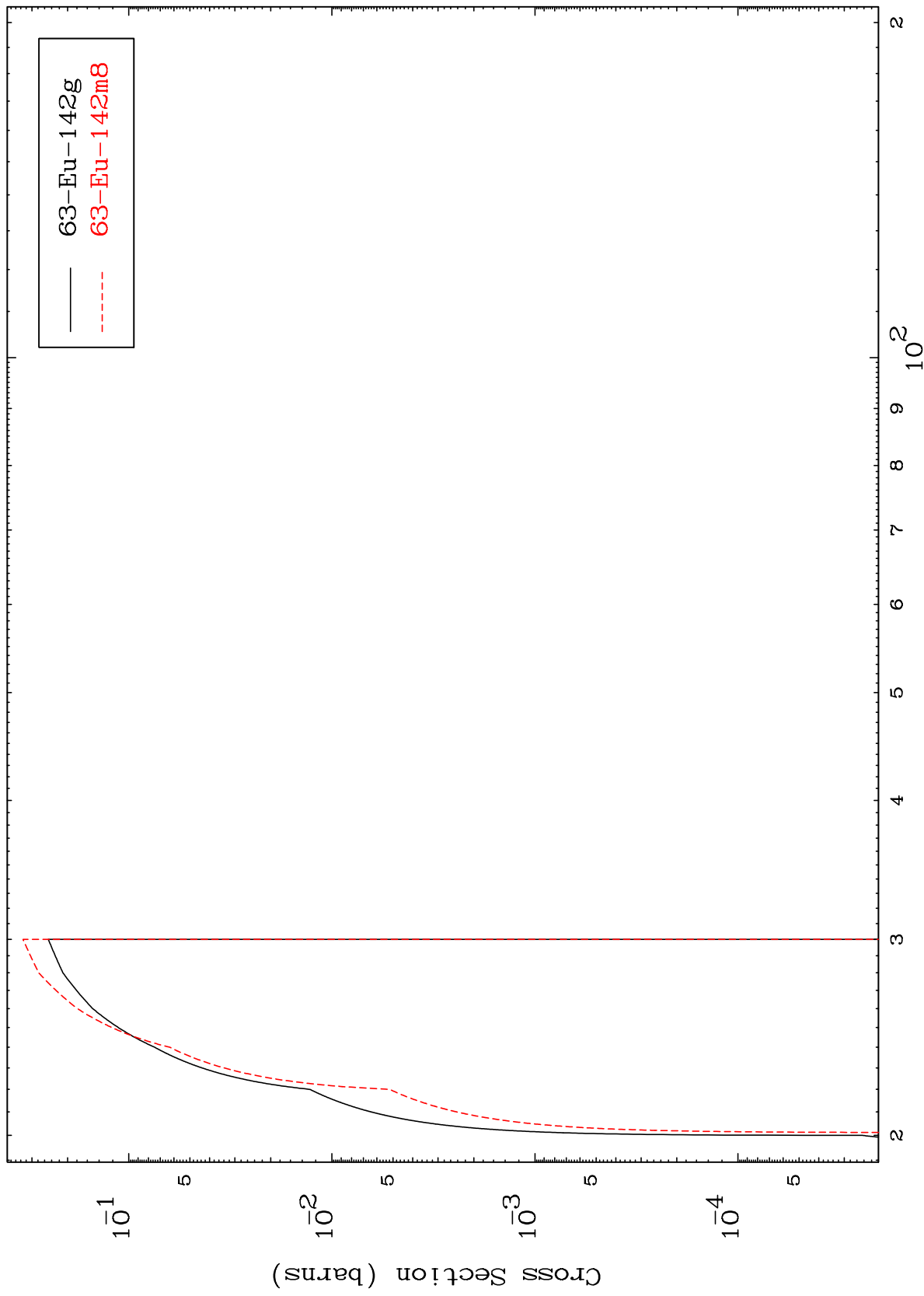
Incident Energy (MeV)

62-Sm-143

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62-Sm-143

(n,3n)
Radionuclide Production Cross Section



62-Sm-143

Incident Energy (MeV)

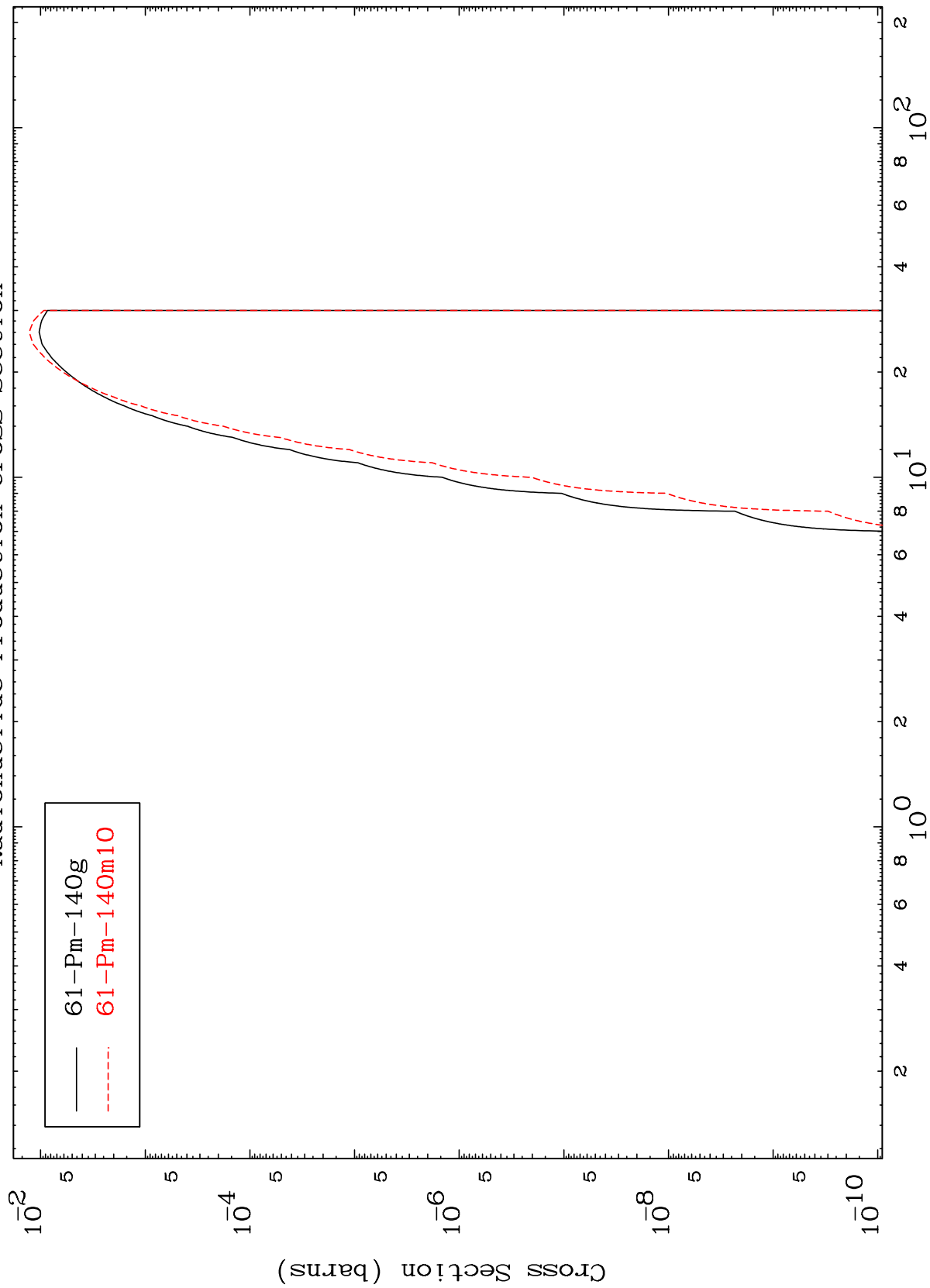
14

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$(n, n') \alpha$

62-Sm-143

Radionuclide Production Cross Section



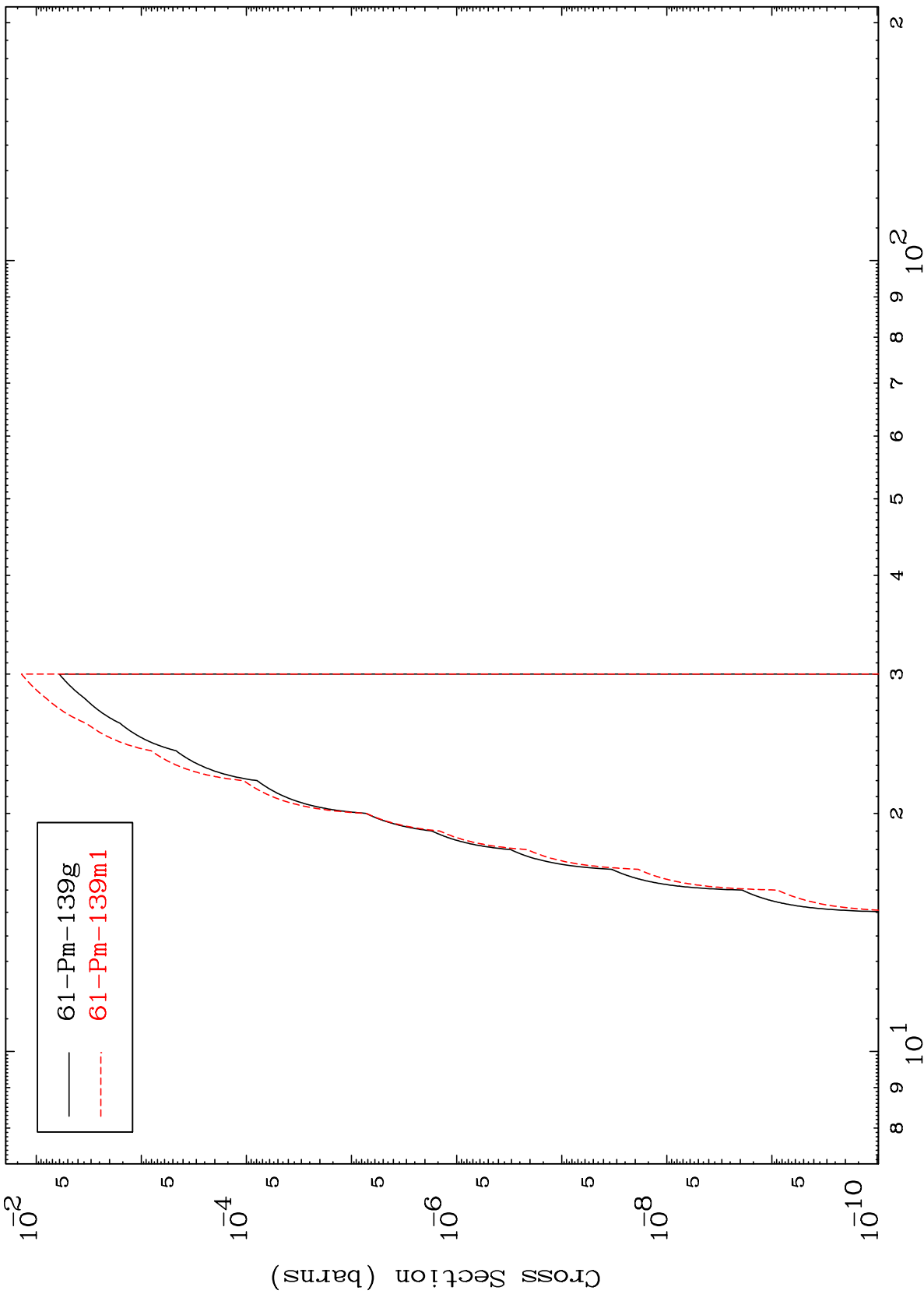
61-Pm-140g
61-Pm-140m10

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(n,2n) α

62-Sm-143

Radionuclide Production Cross Section



16

Incident Energy (MeV)

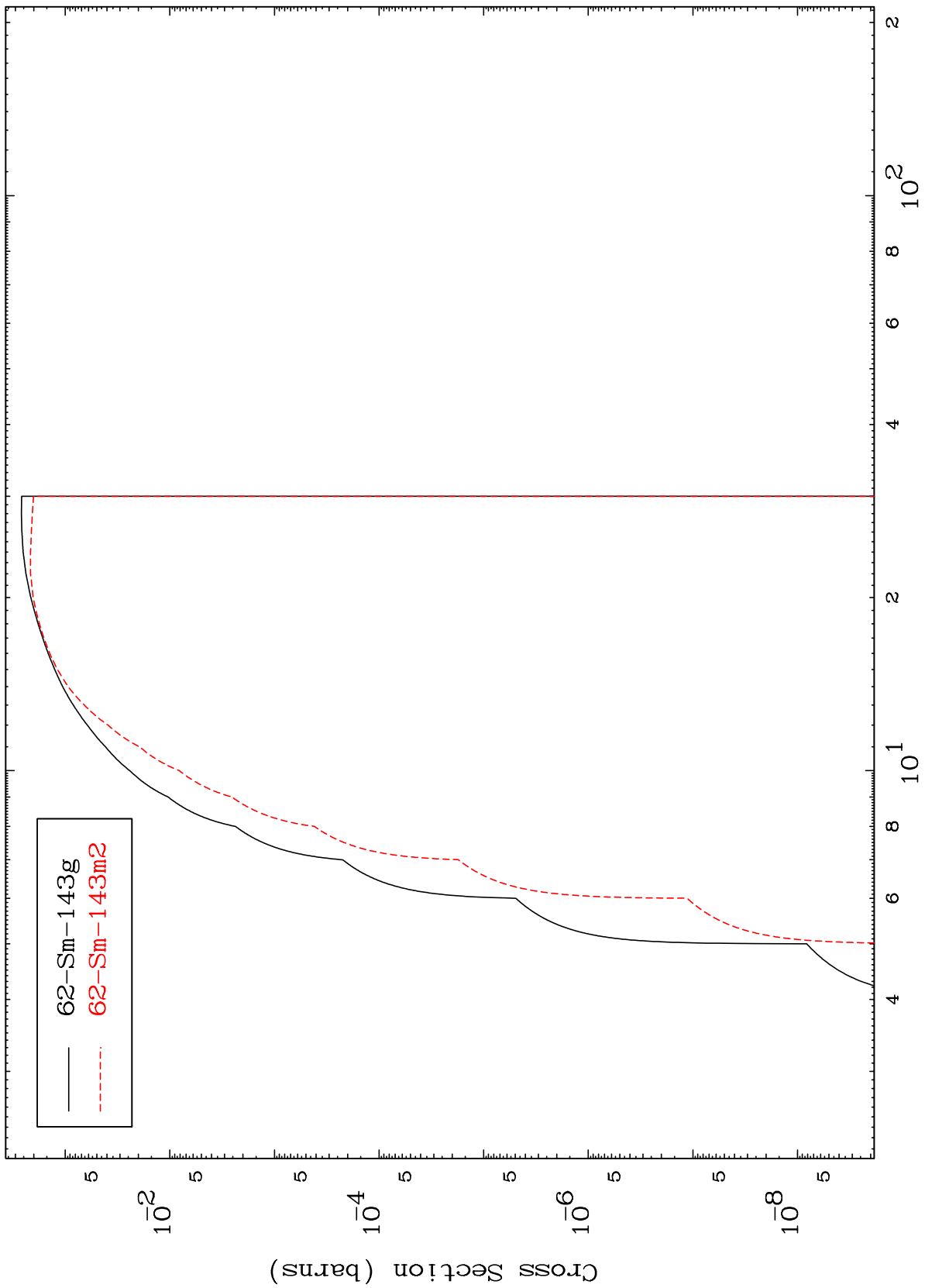
62-Sm-143

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62-Sm-143

(n,n') p

Radionuclide Production Cross Section

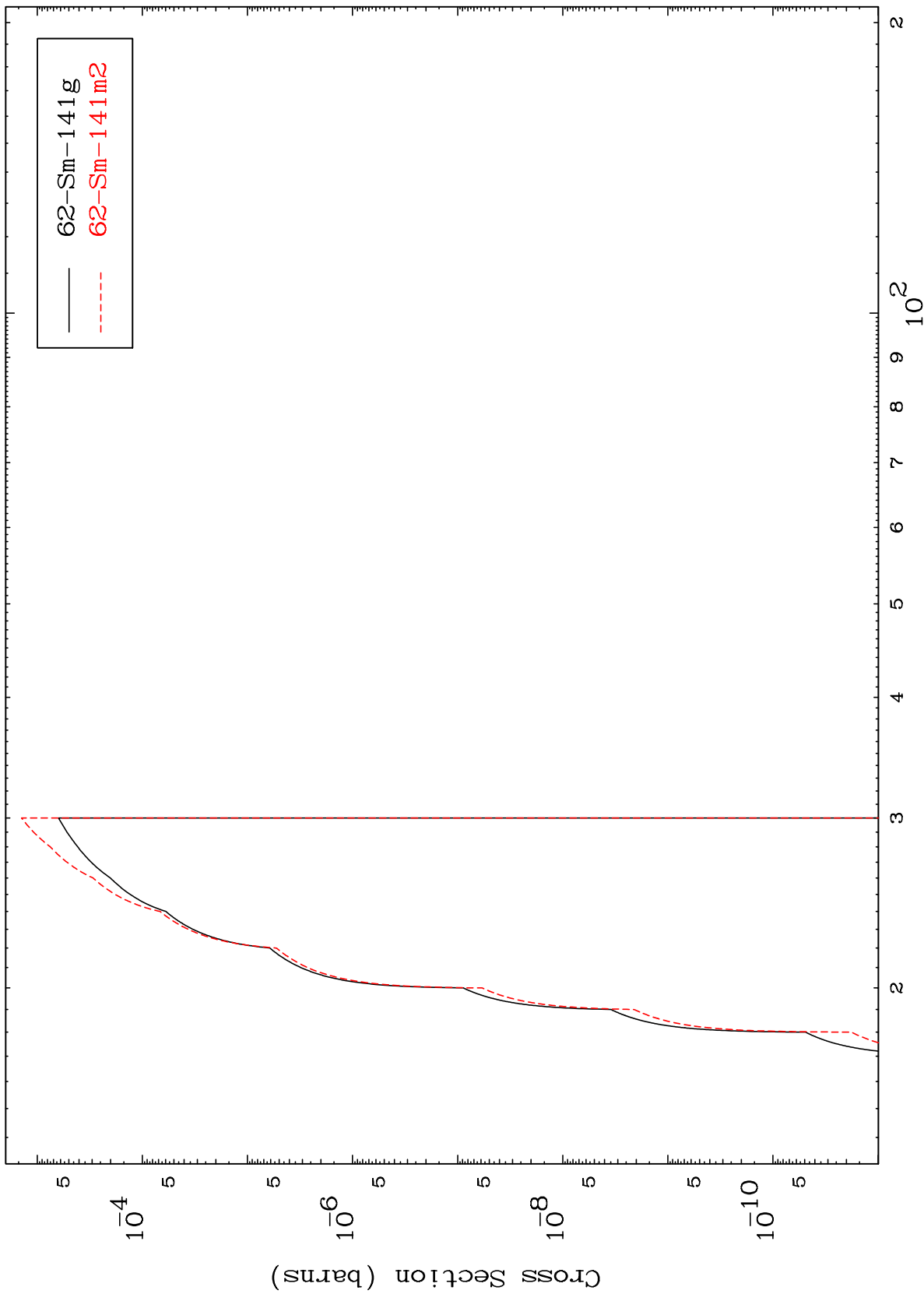


17

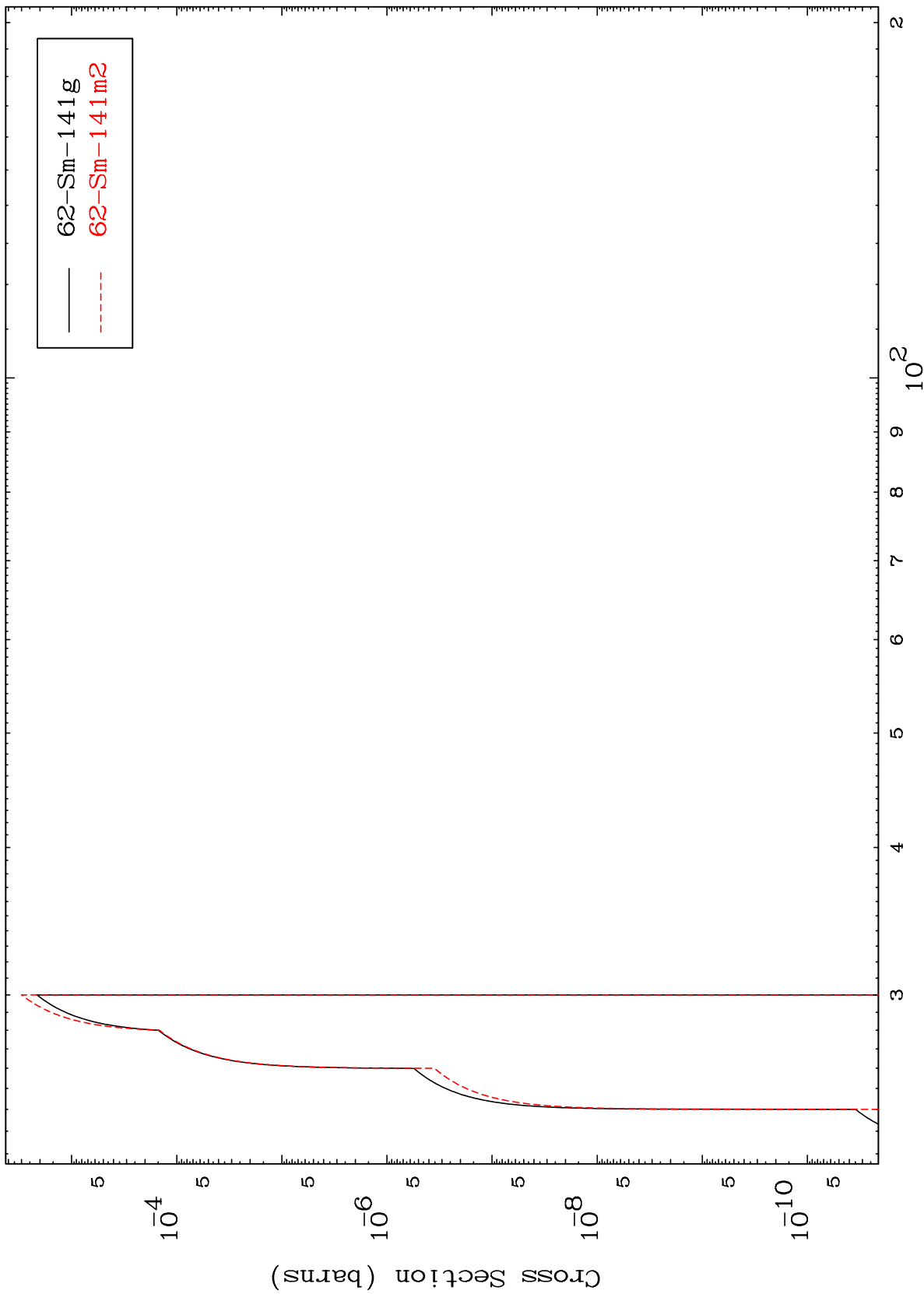
62-Sm-143

Incident Energy (MeV)

Radionuclide Production Cross Section



Radionuclide Production Cross Section

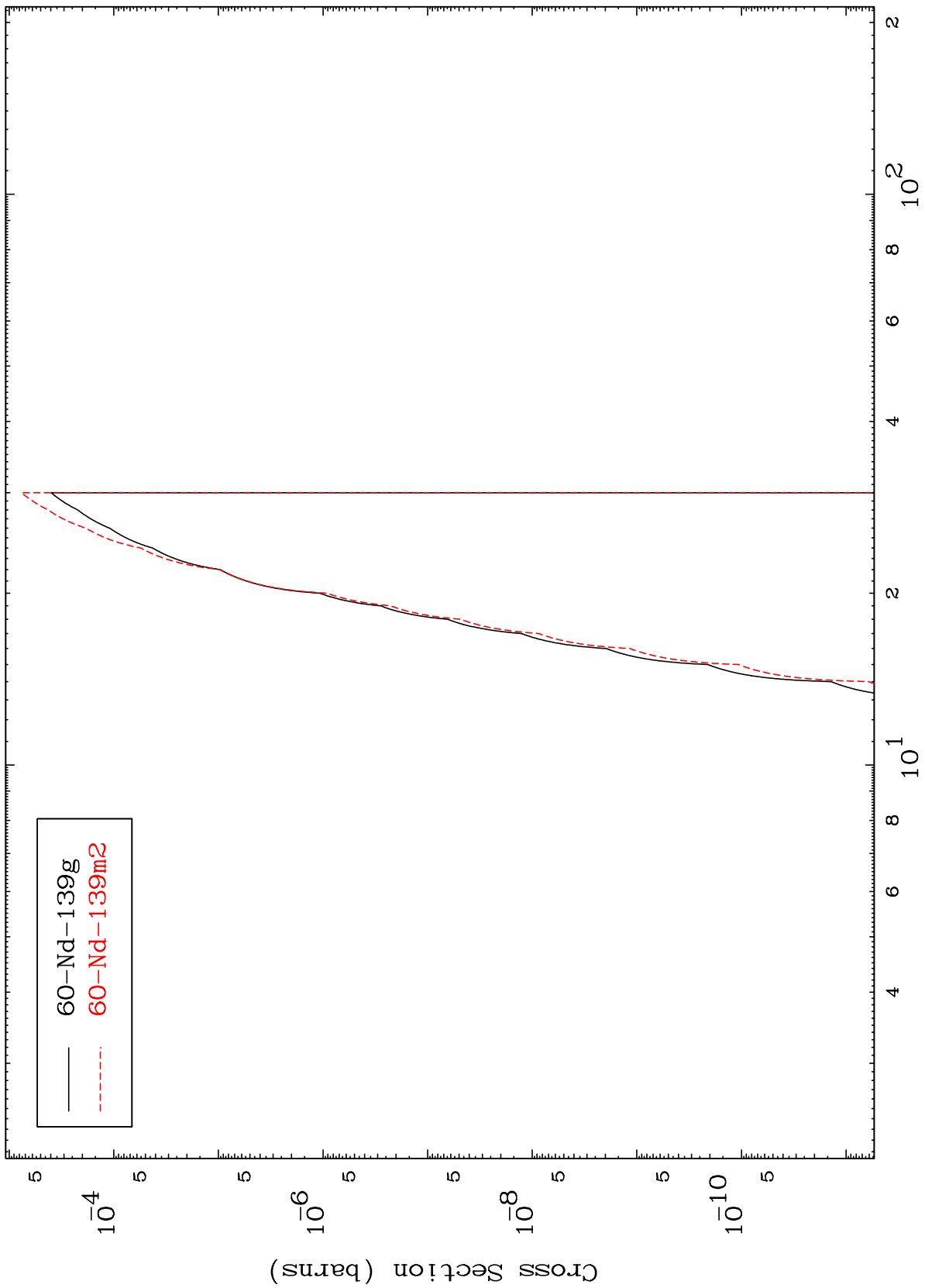


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(n,n') p α

62-Sm-143

Radionuclide Production Cross Section



20

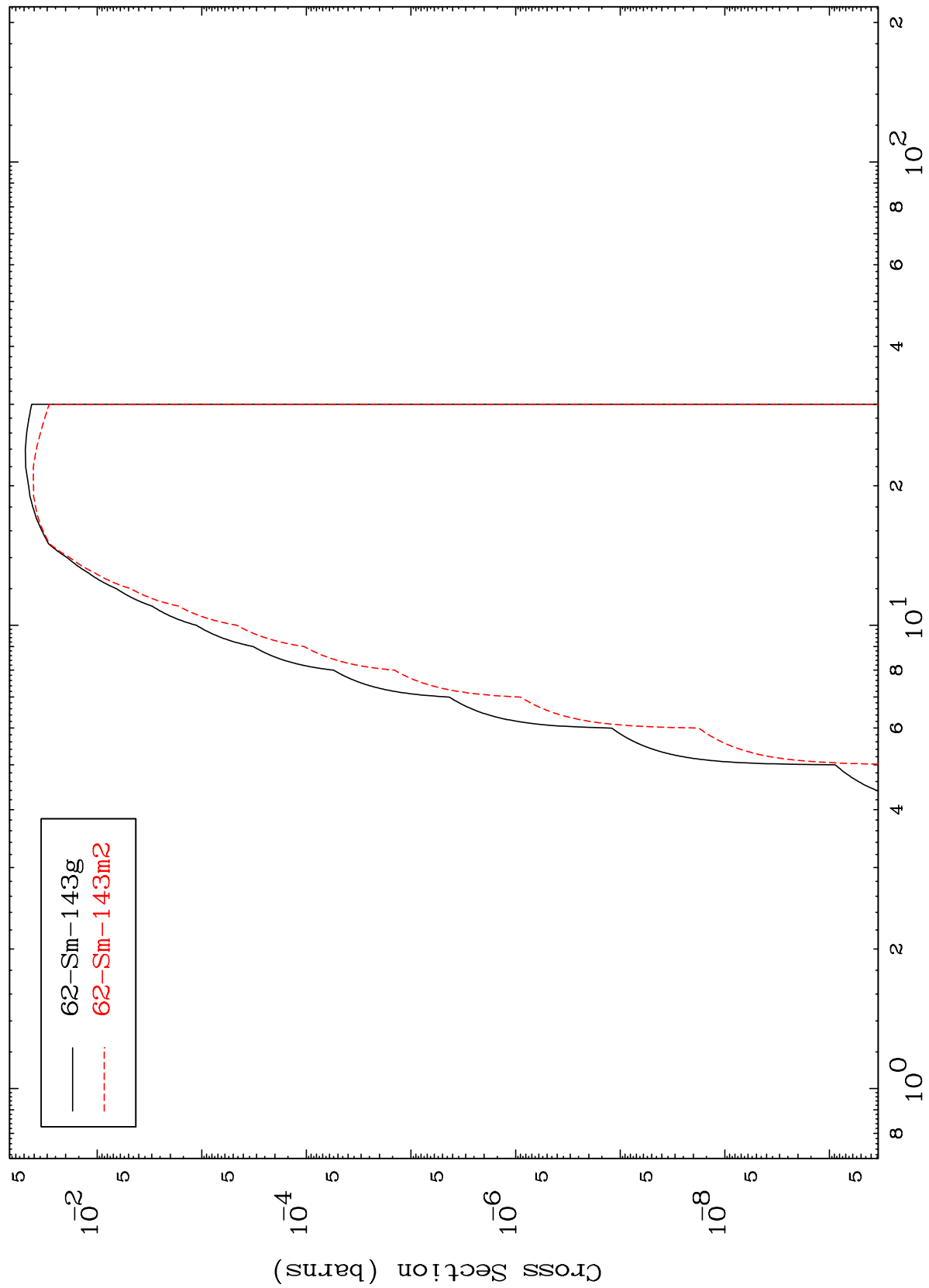
Incident Energy (MeV)

62-Sm-143

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62-Sm-143

(n,d)
Radionuclide Production Cross Section

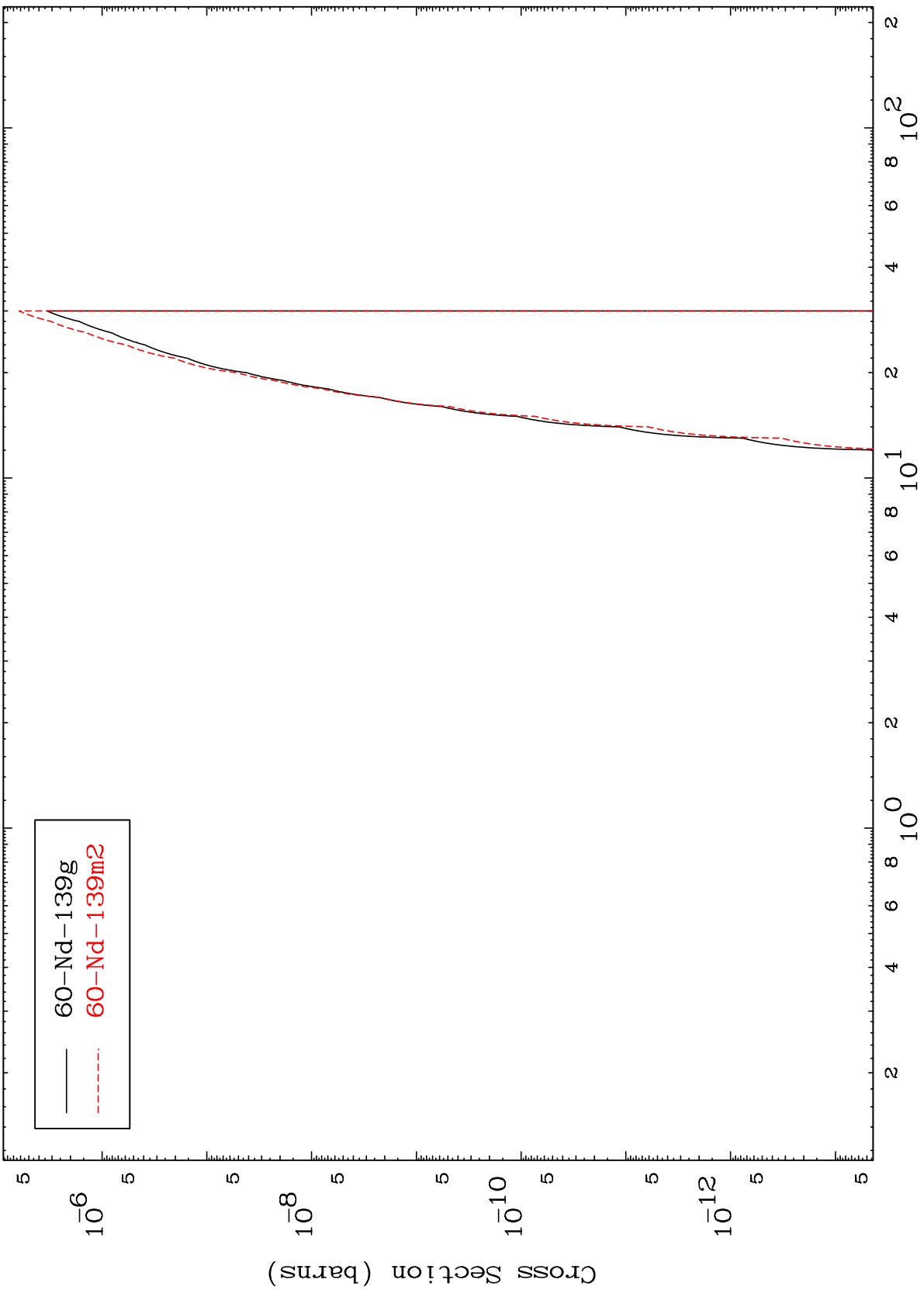


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(n,d) α

62-Sm-143

Radionuclide Production Cross Section



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

22

Incident Energy (MeV)

62-Sm-143