

Program EVALPLOT
(Version 2021-1)

by

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(Present Contact Information)

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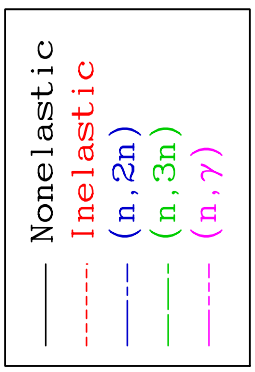
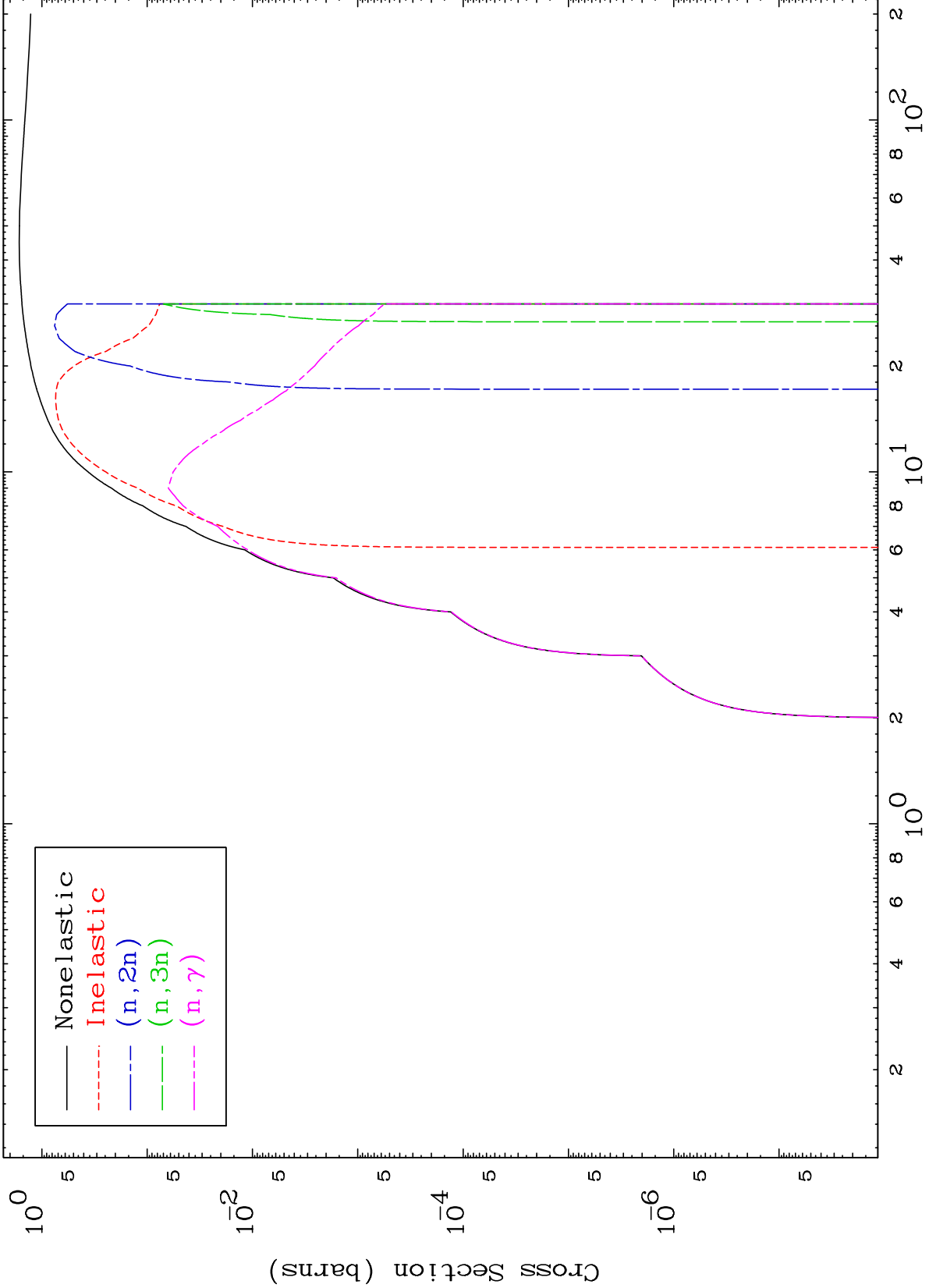
Tele: 925-443-1911

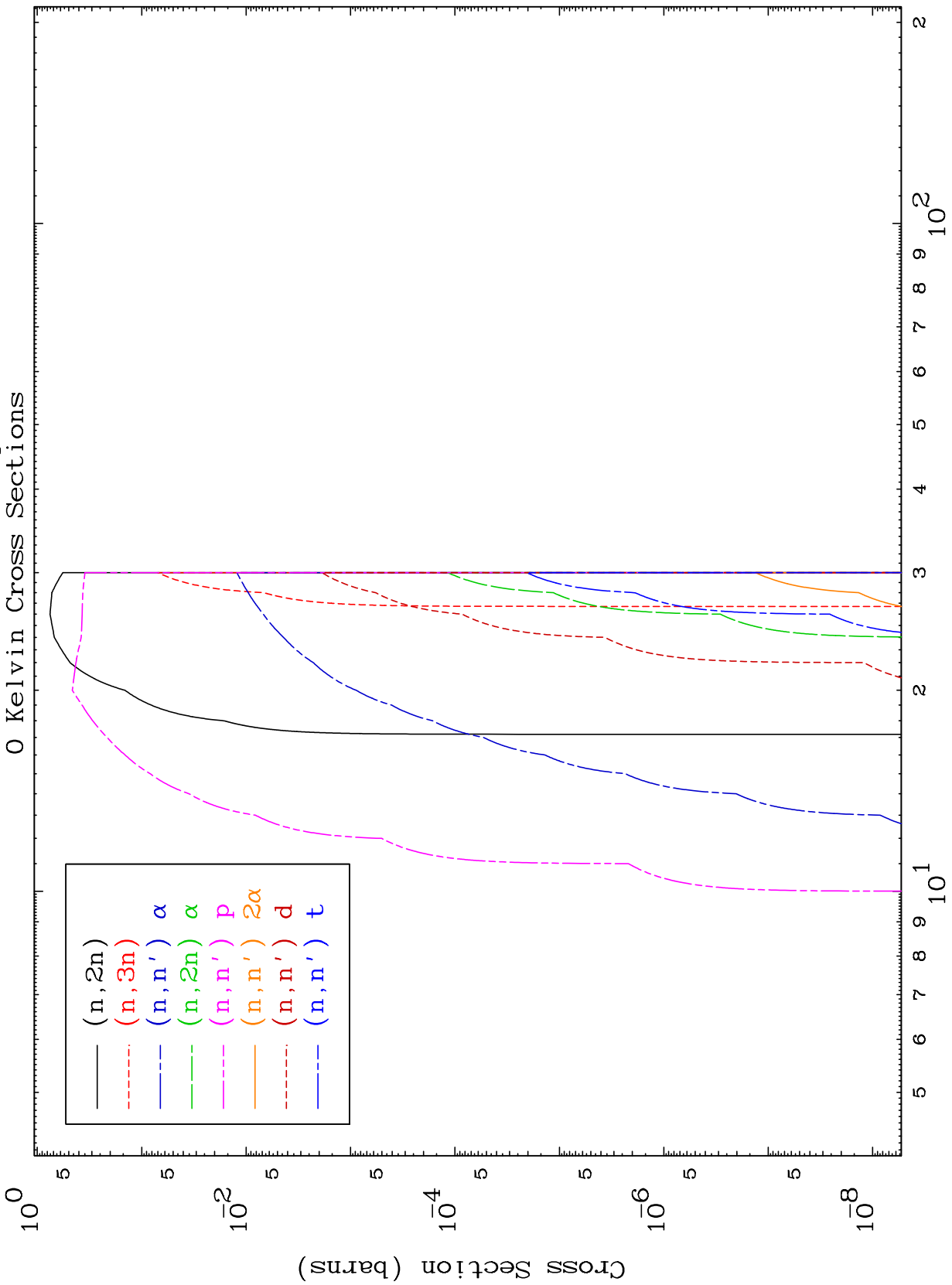
E.Mail:redcullen1@comcast.net

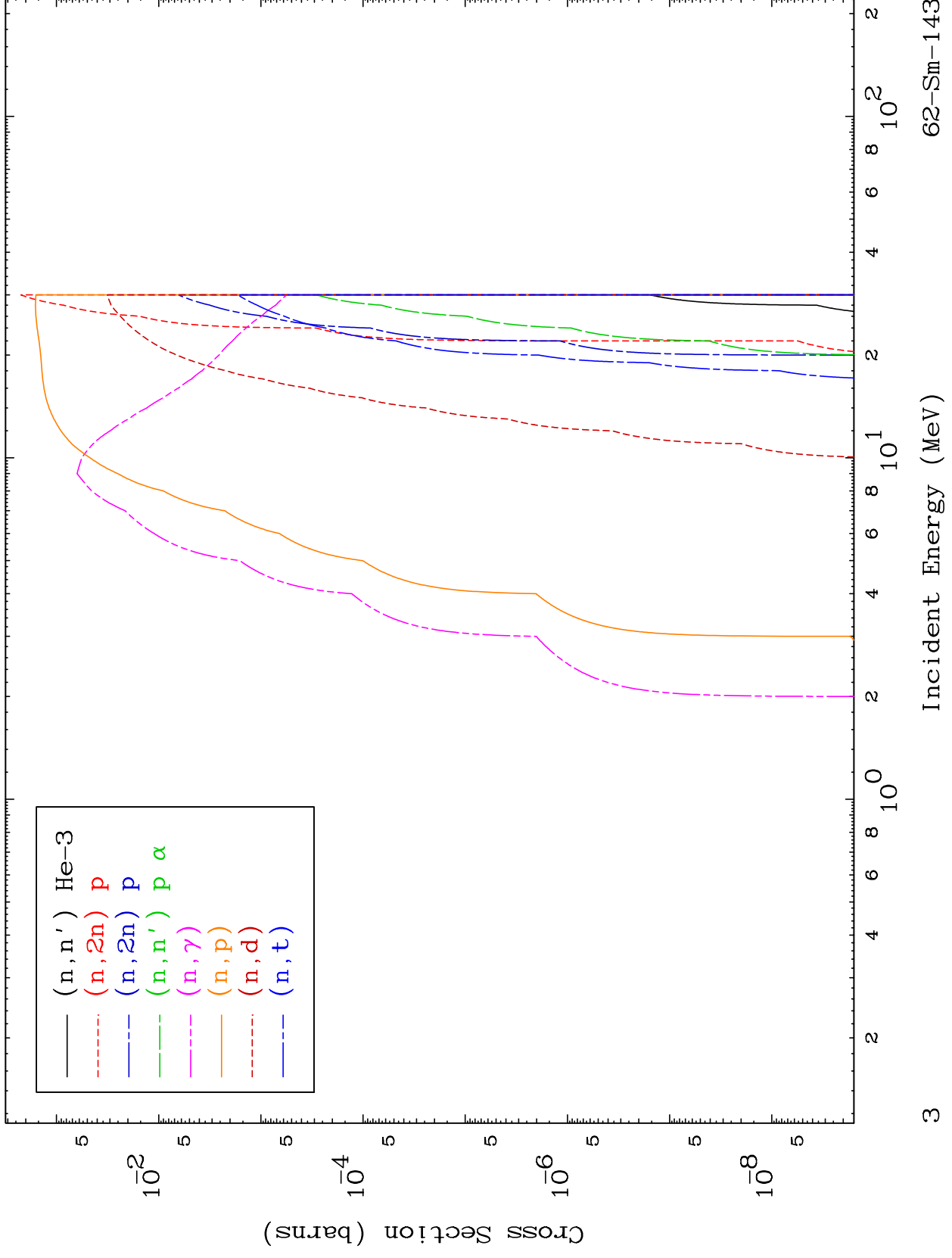
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

0 Kelvin Cross Sections



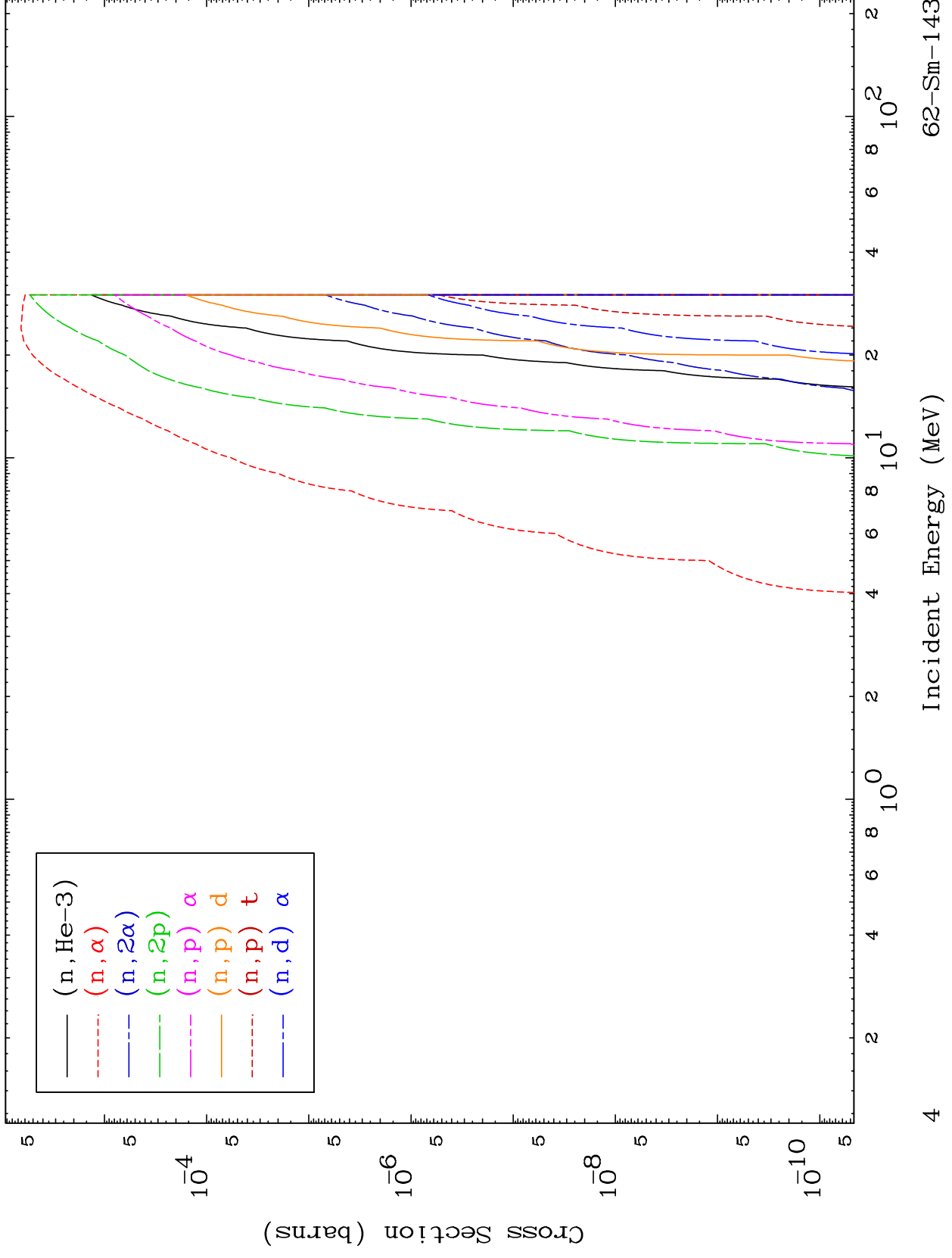


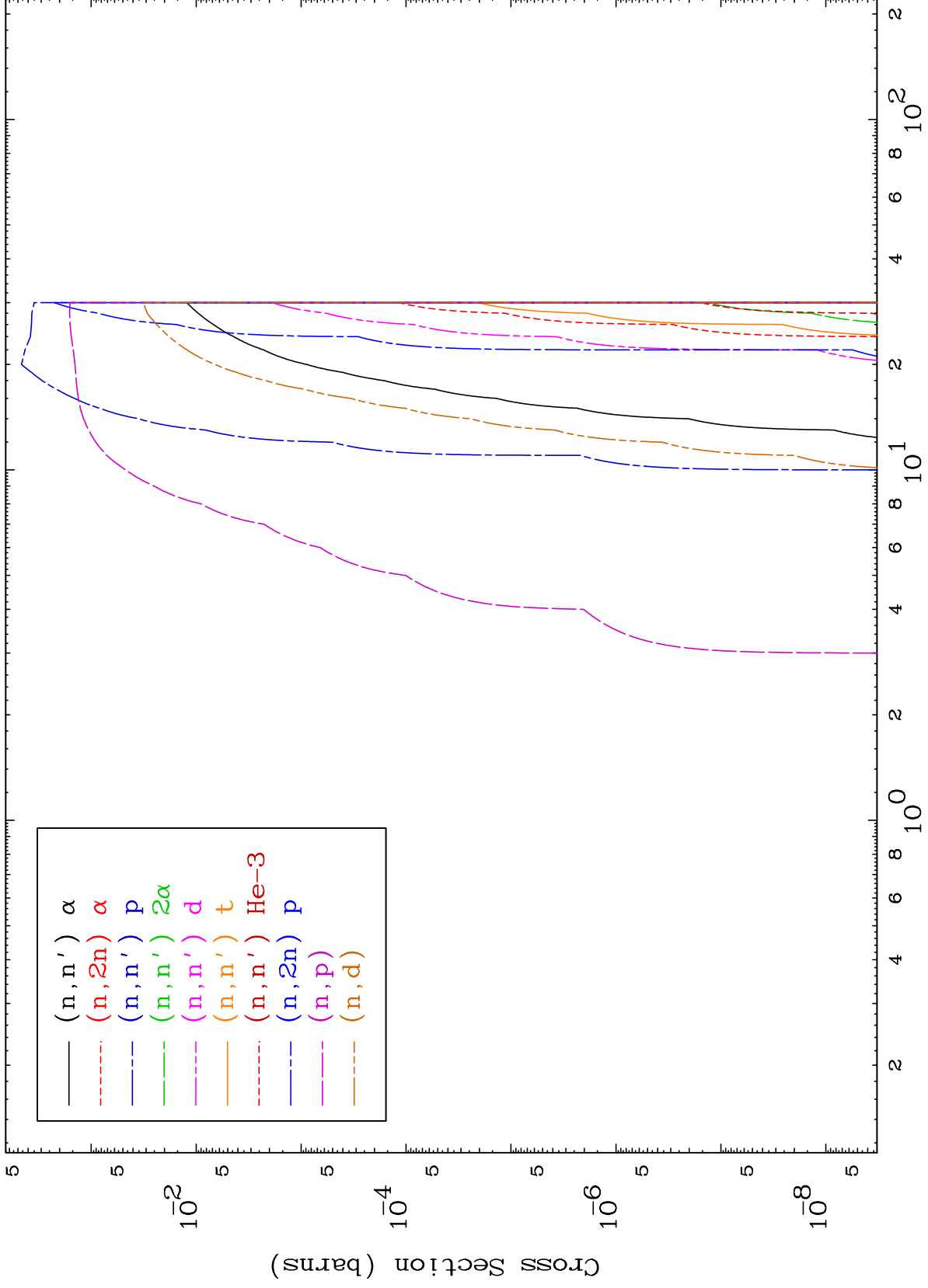


MAT 6222

Proton Neutron Absorption
0 Kelvin Cross Sections

62-Sm-143

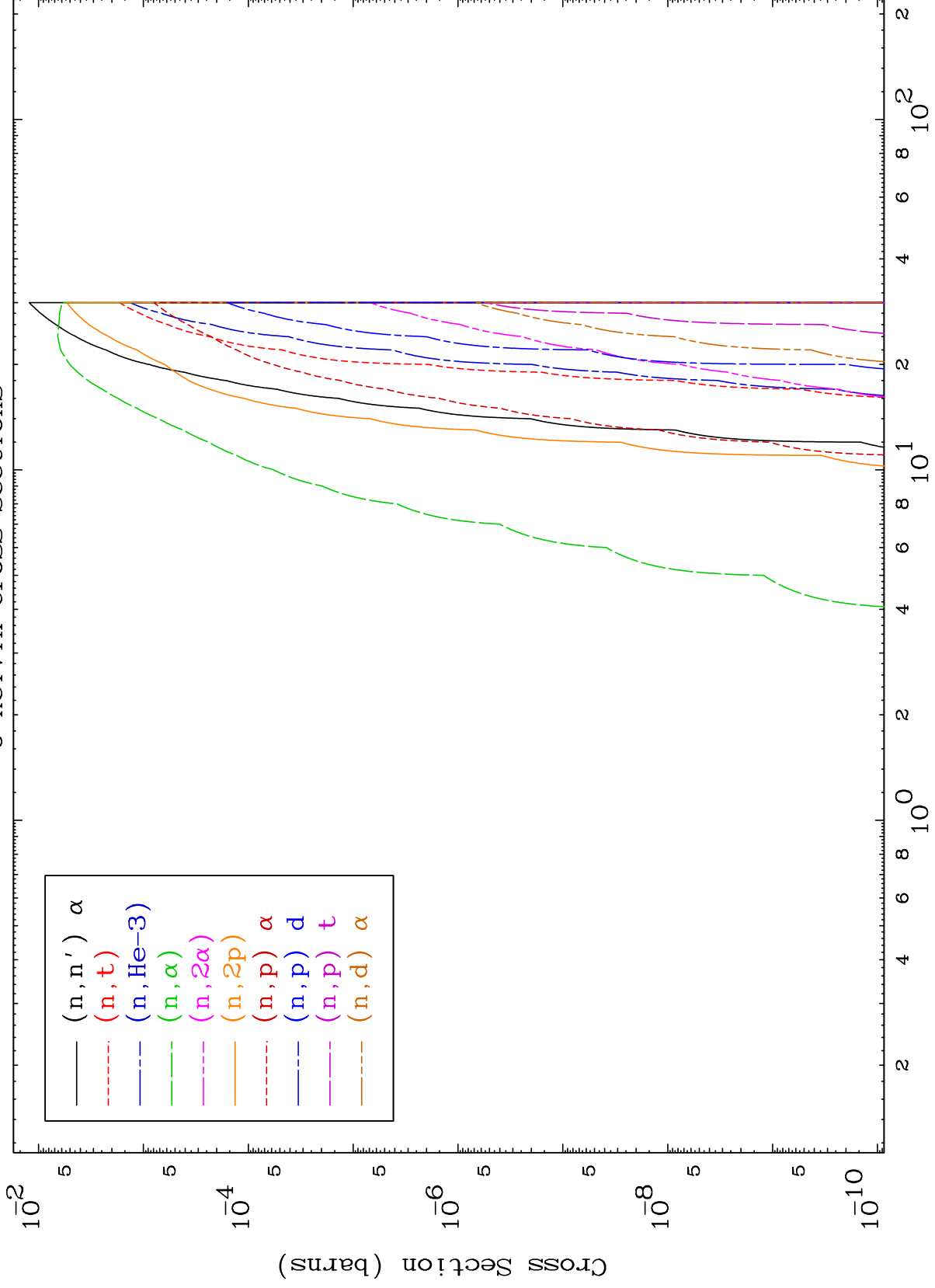




MAT 6222

Proton Charged Particle
0 Kelvin Cross Sections

62-Sm-143

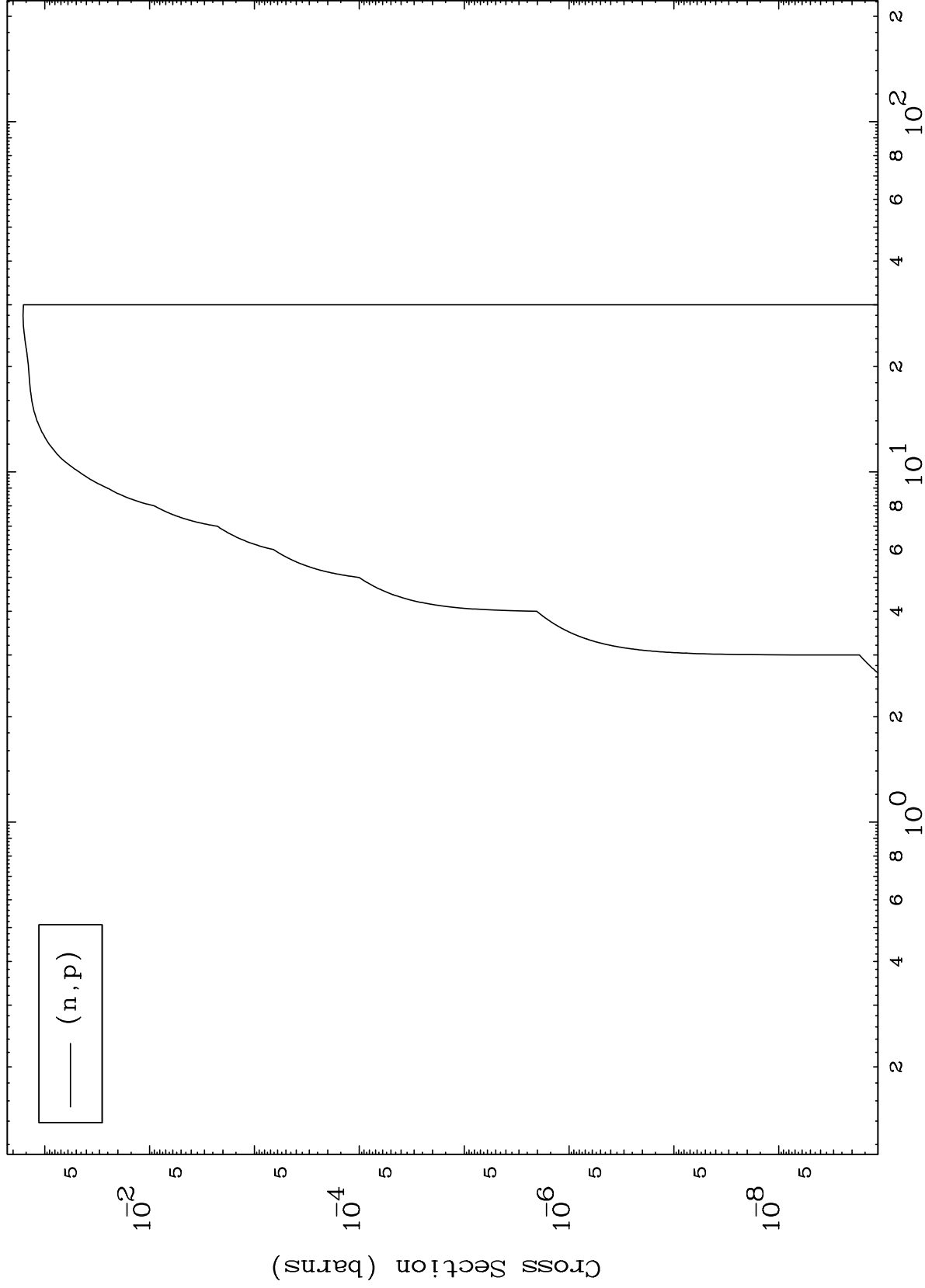


MAT 6222

(p,p) Levels

62-Sm-143

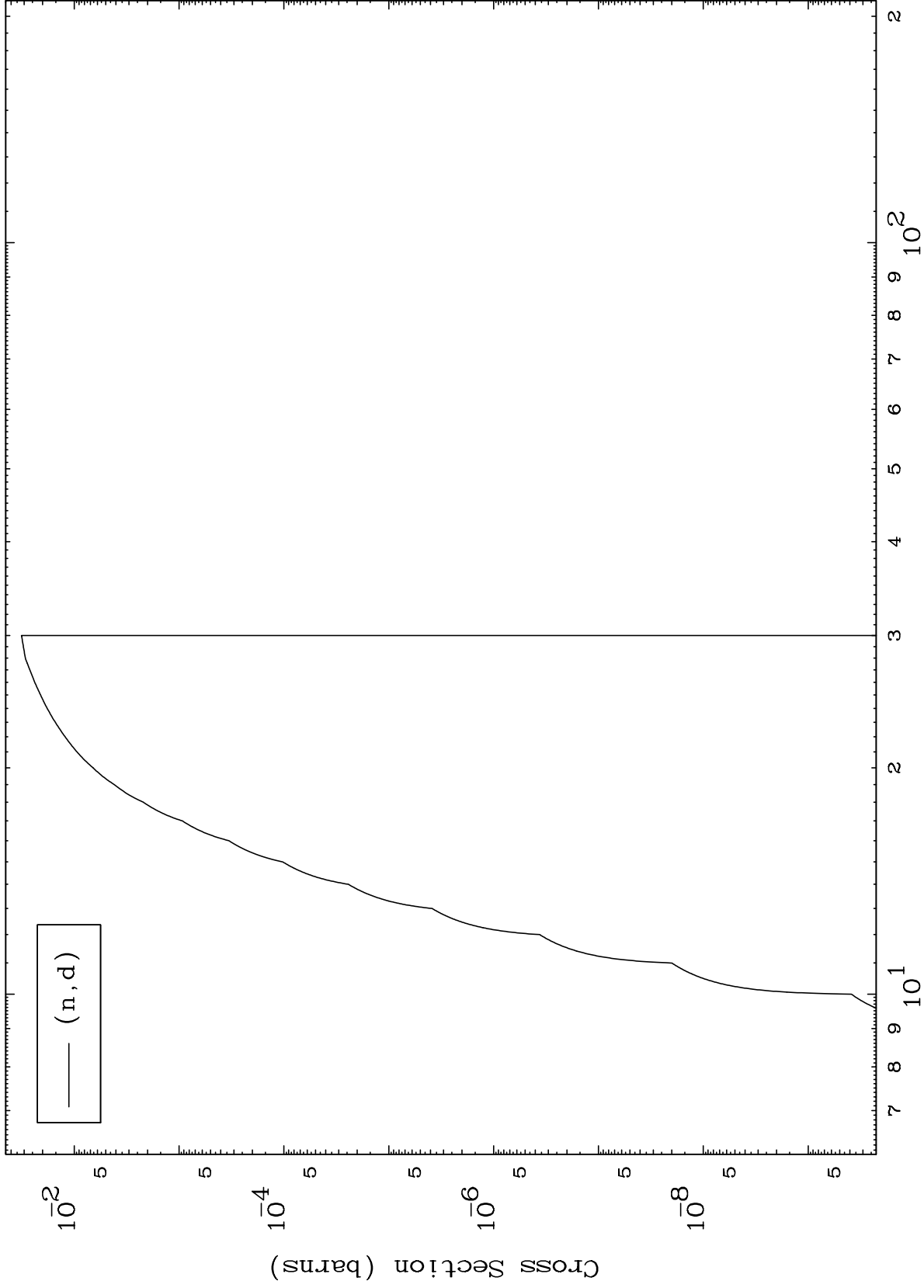
0 Kelvin Cross Sections



MAT 6222

(p,d) Levels
0 Kelvin Cross Sections

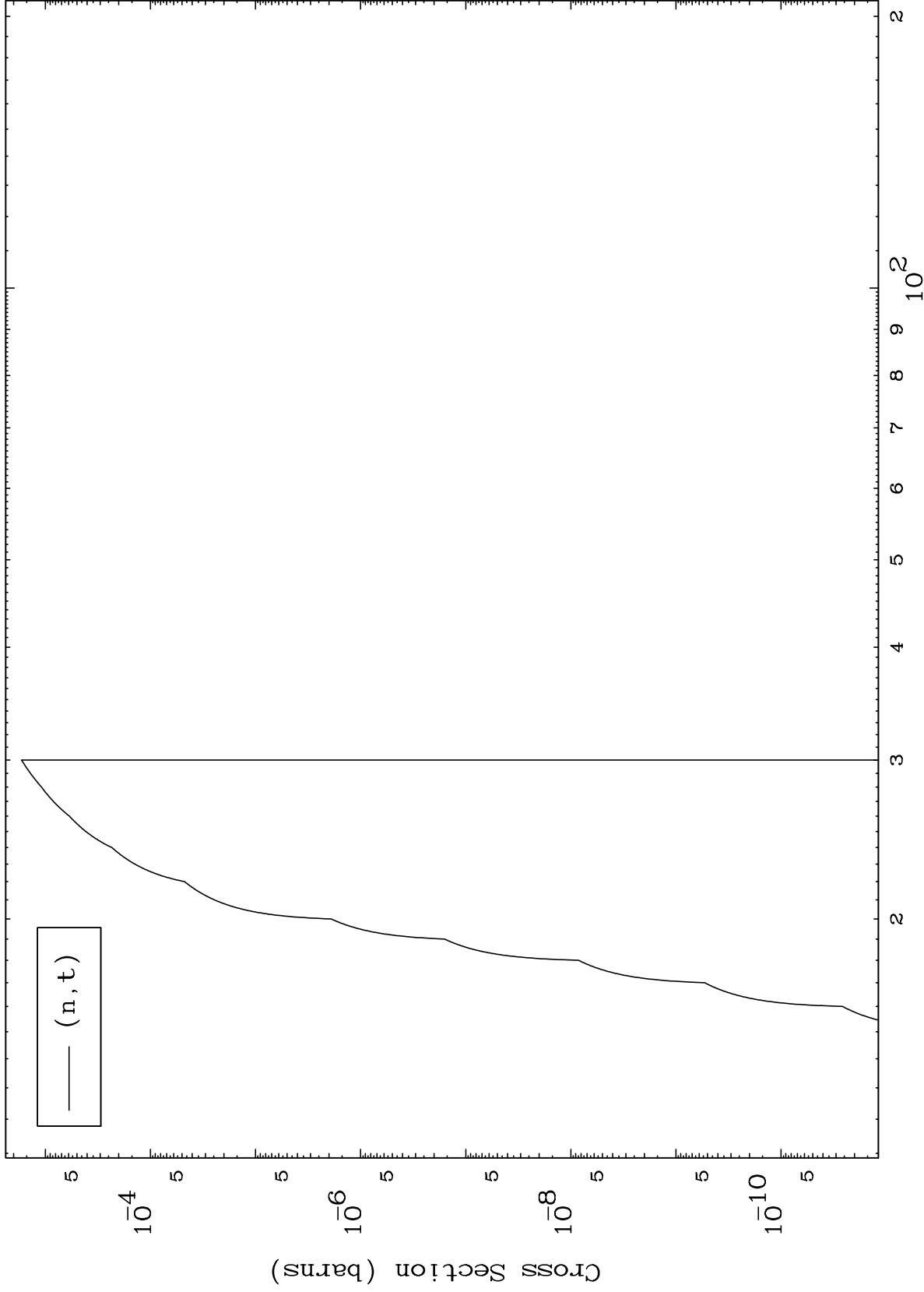
62-Sm-143



8

Incident Energy (MeV)

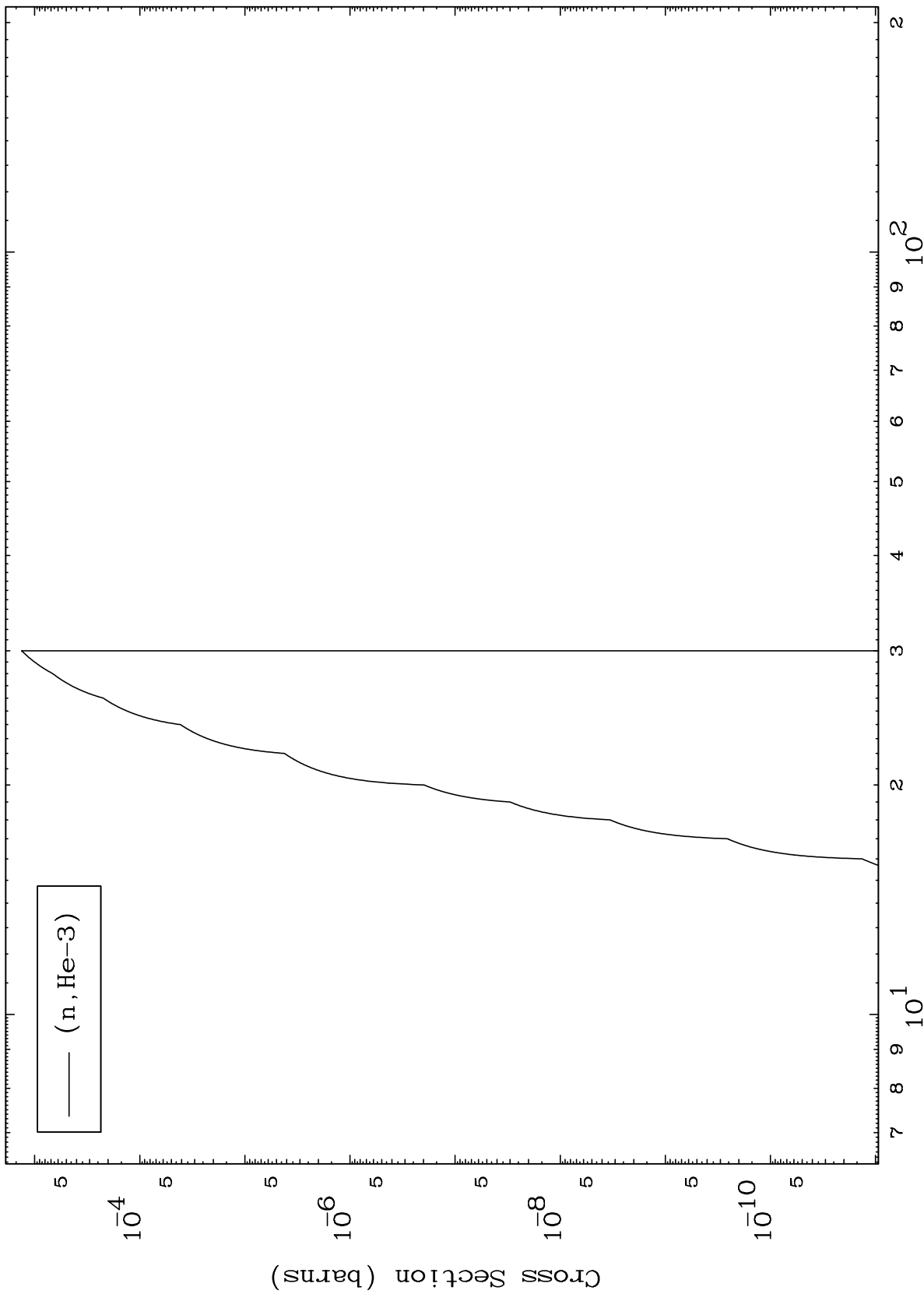
62-Sm-143



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62-Sm-143

(p,He3) Levels
0 Kelvin Cross Sections



62-Sm-143

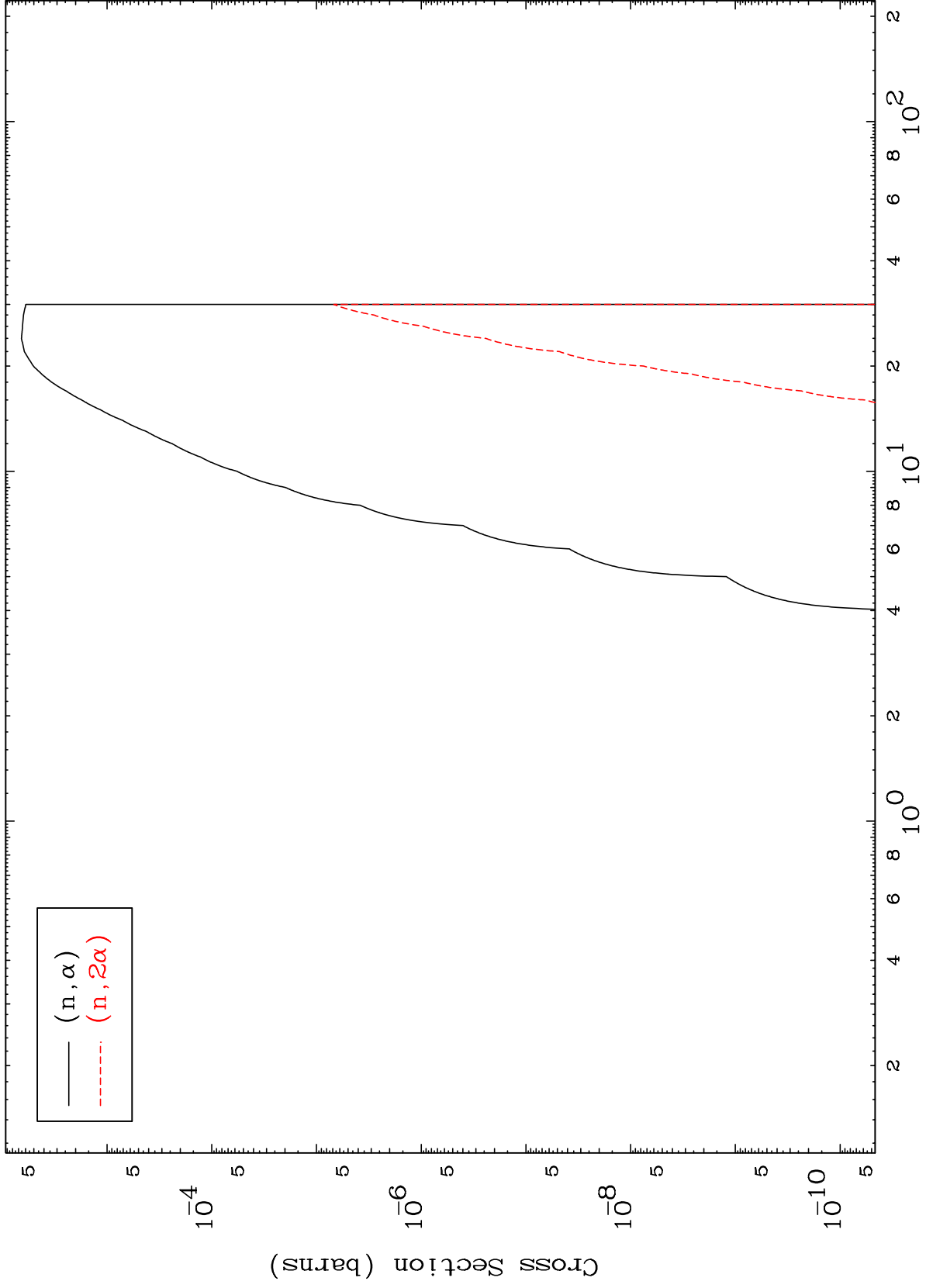
Incident Energy (MeV)

10

MAT 6222

(p, α) Levels
0 Kelvin Cross Sections

62-Sm-143



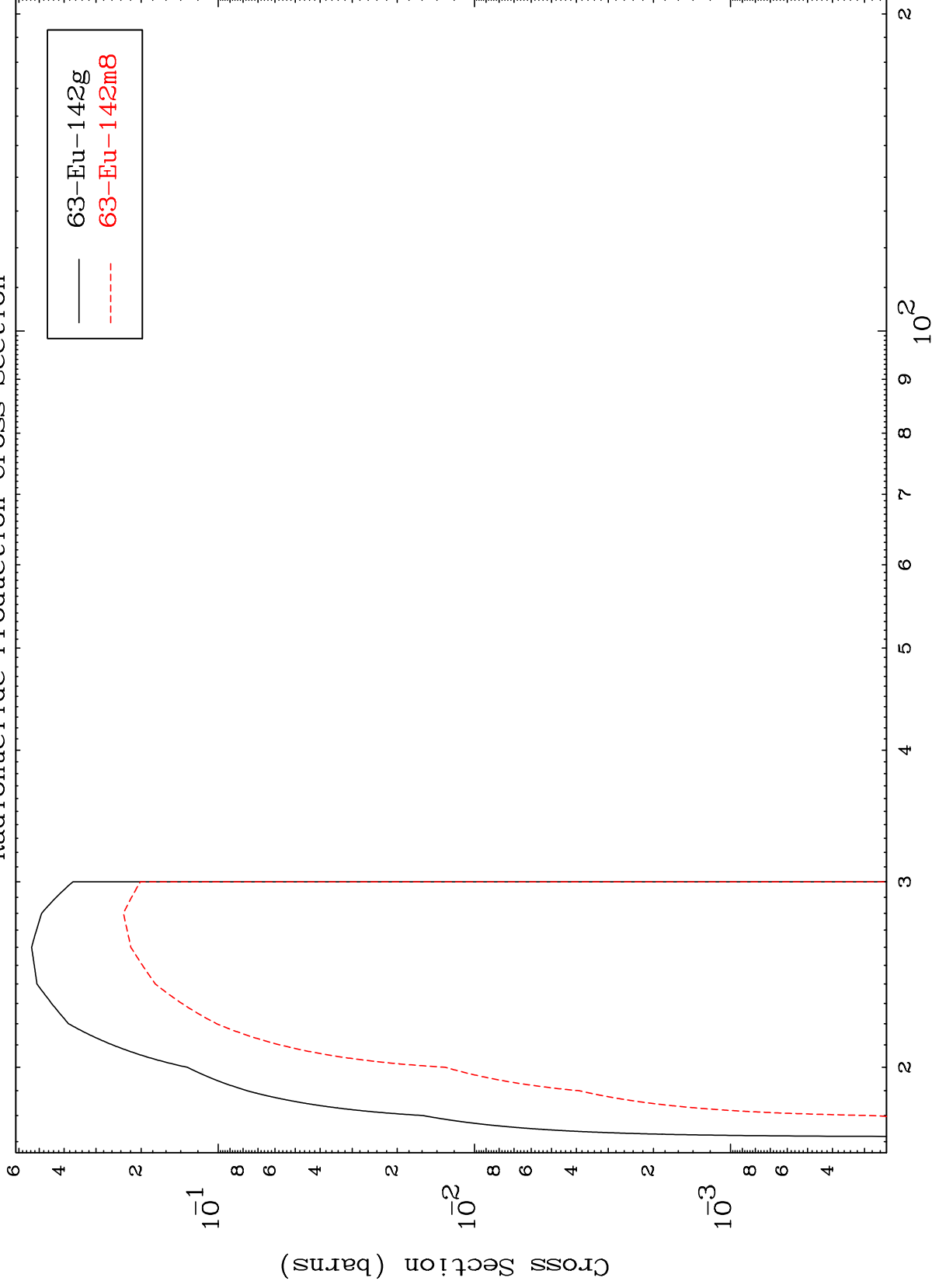
62-Sm-143

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(n,2n)

62-Sm-143

Radionuclide Production Cross Section



12

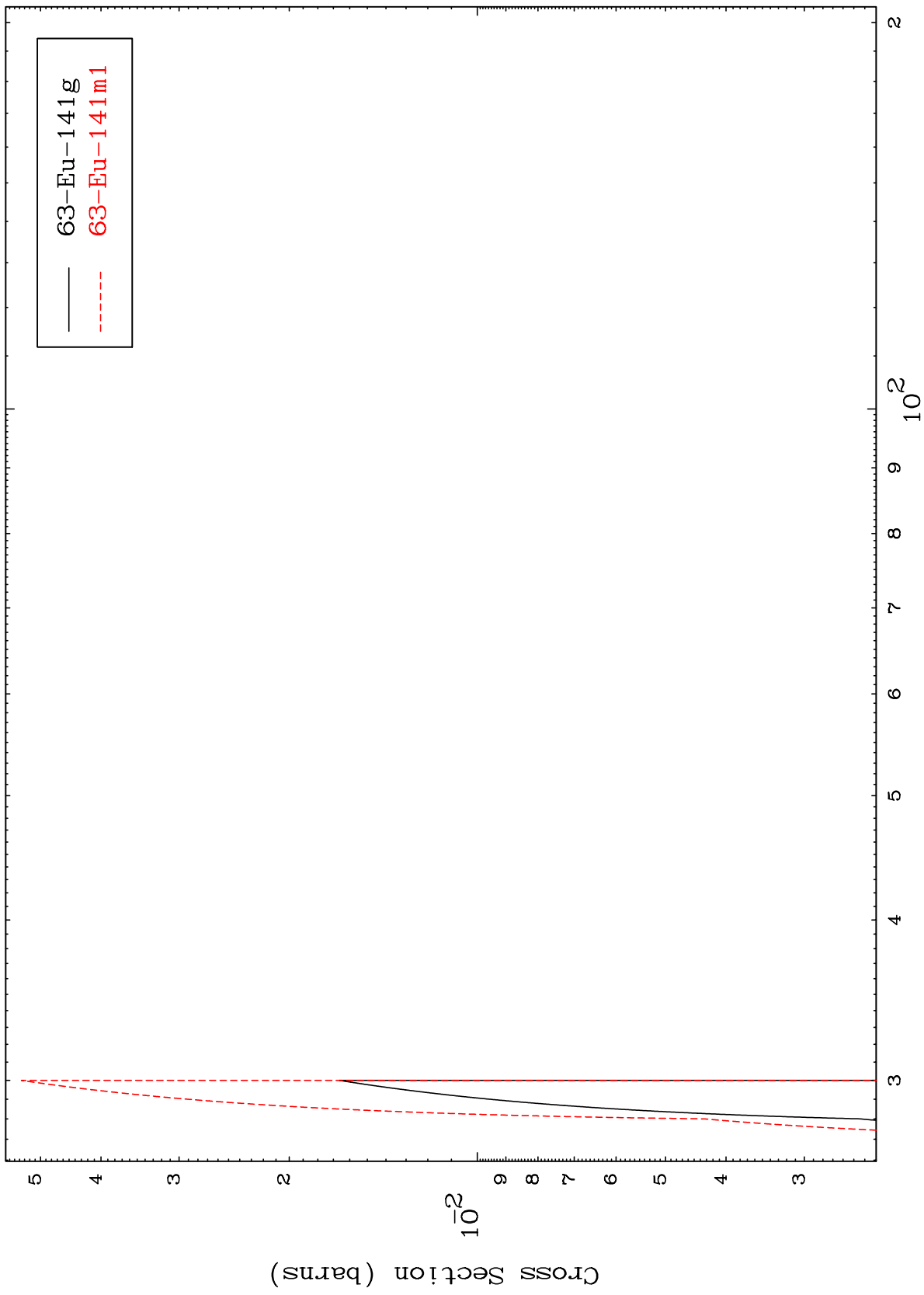
Incident Energy (MeV)

62-Sm-143

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62-Sm-143

(n,3n)
Radionuclide Production Cross Section



62-Sm-143

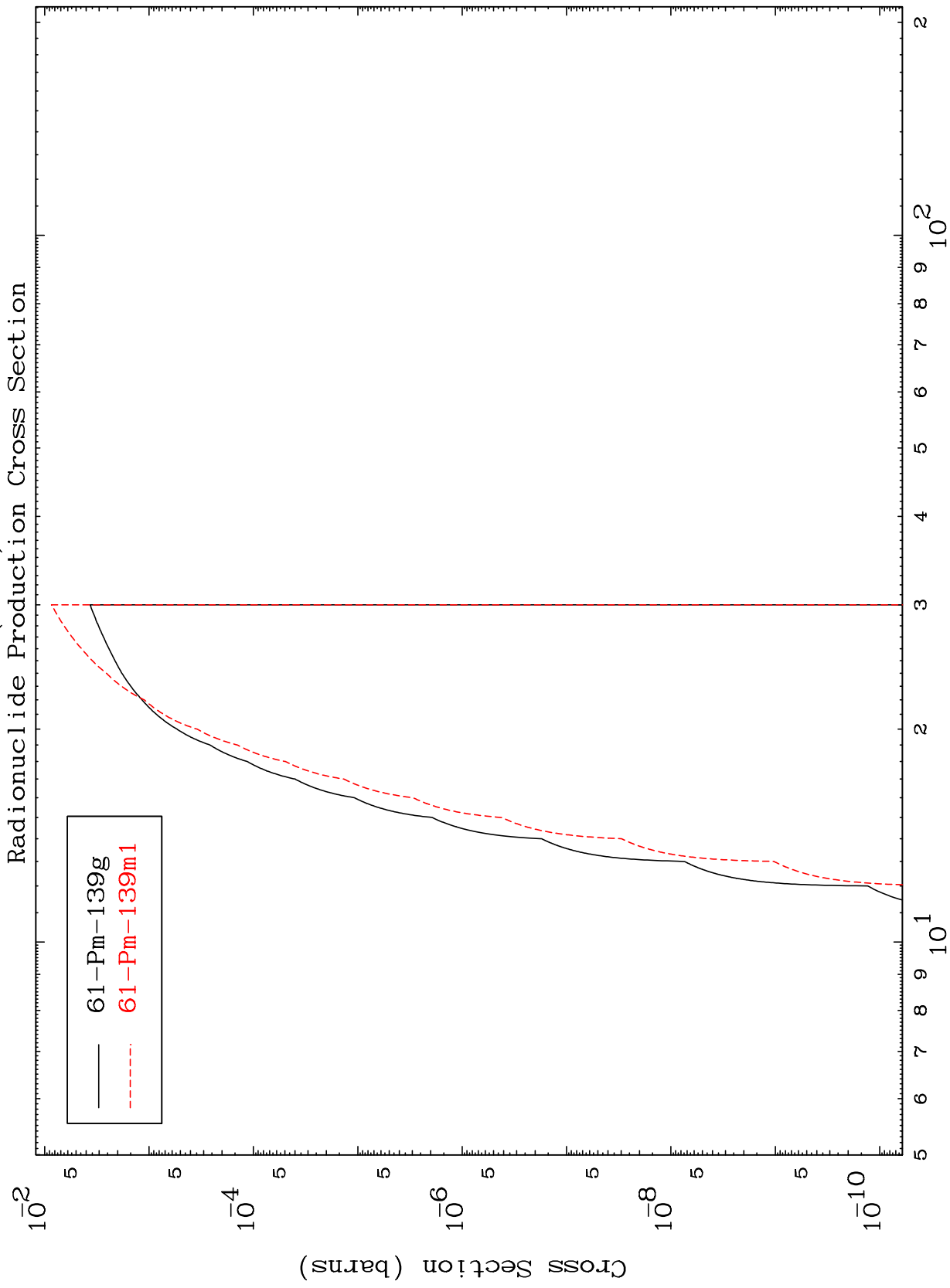
Incident Energy (MeV)

13

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$(n, n') \alpha$

62-Sm-143

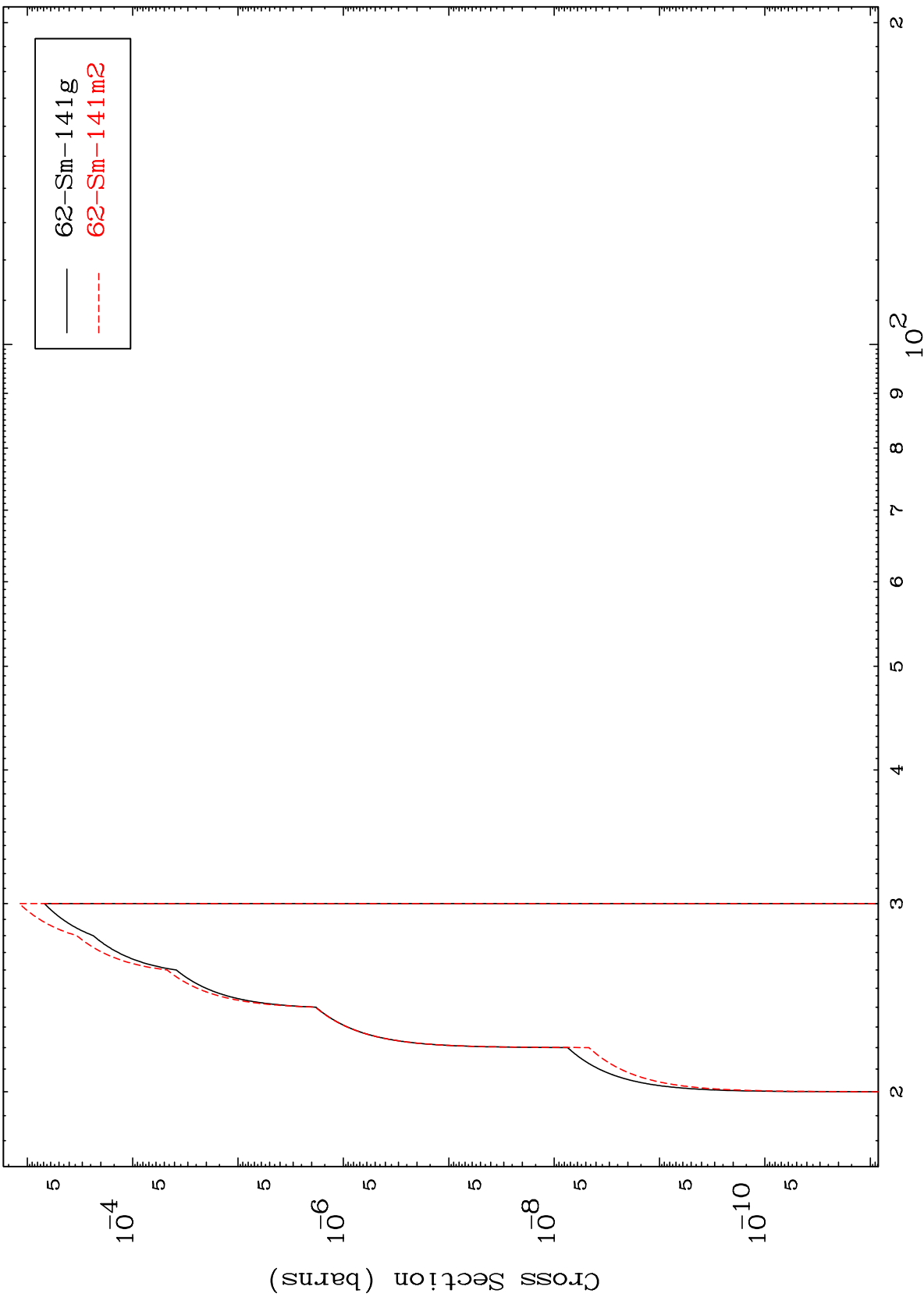


14

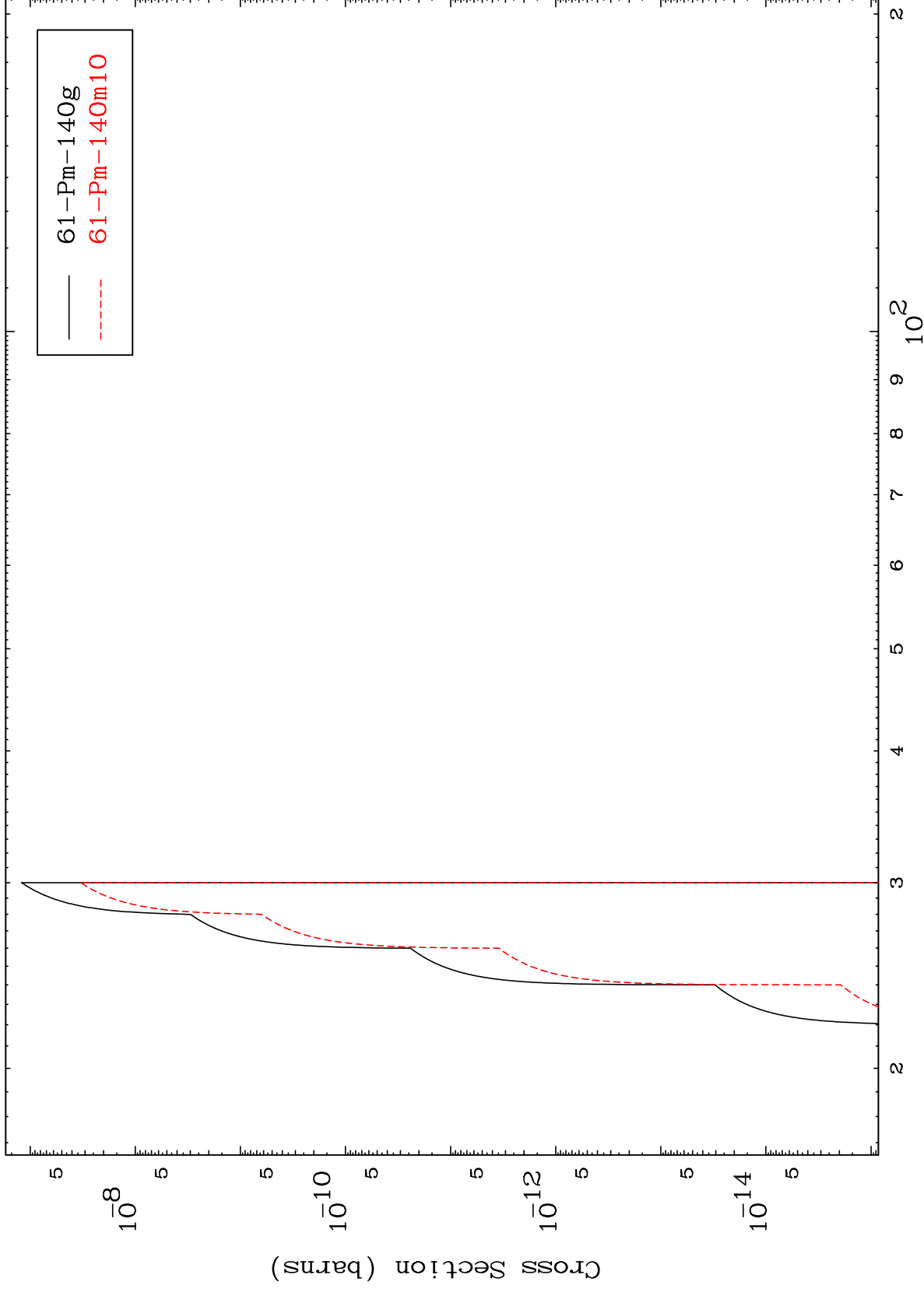
Incident Energy (MeV)

62-Sm-143

Radionuclide Production Cross Section



Radionuclide Production Cross Section

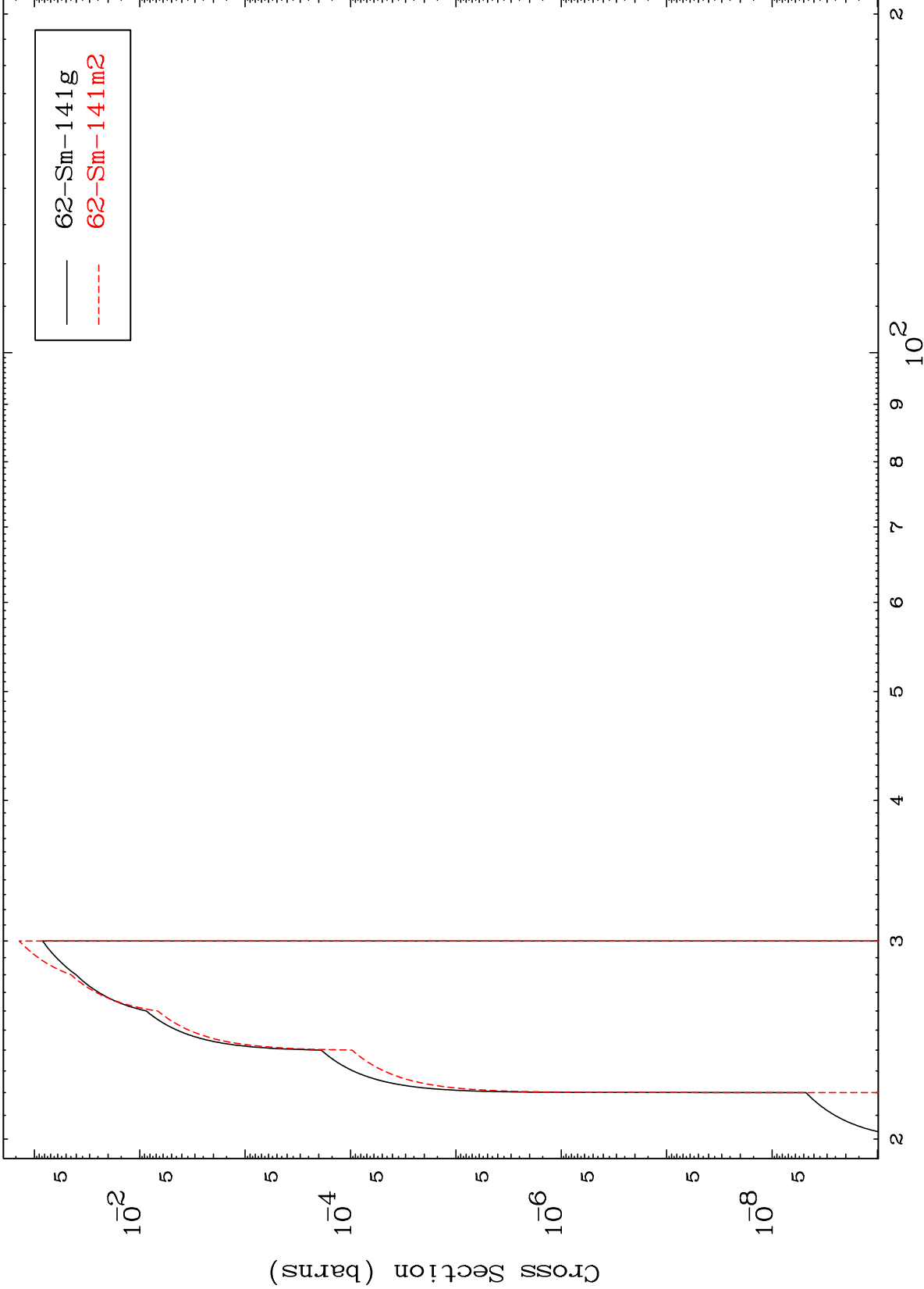


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(n,2n) p

62-Sm-143

Radionuclide Production Cross Section



62-Sm-141 g
62-Sm-141 m2

17

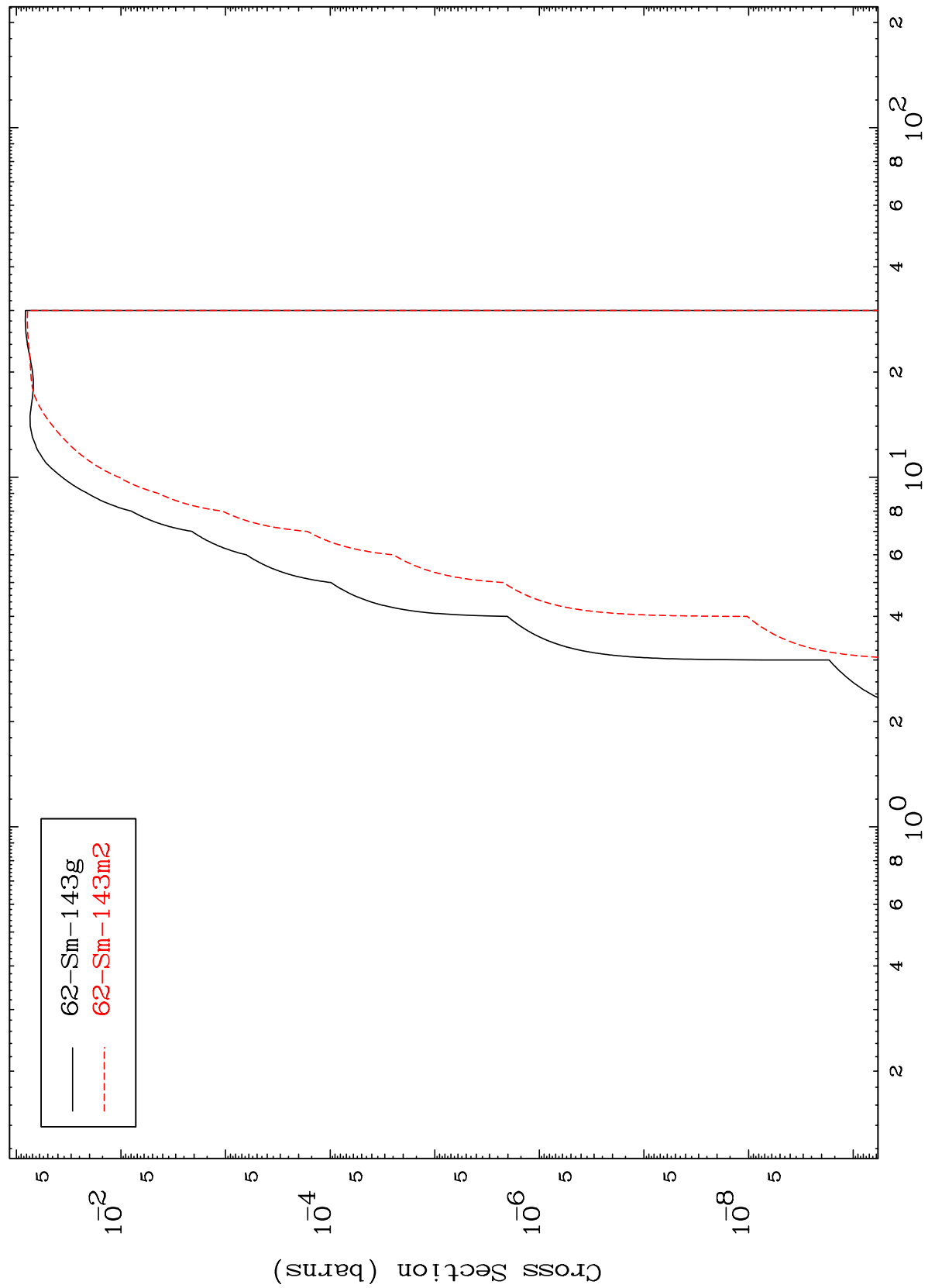
Incident Energy (MeV)

62-Sm-143

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62-Sm-143

(n,p)
Radionuclide Production Cross Section



62-Sm-143

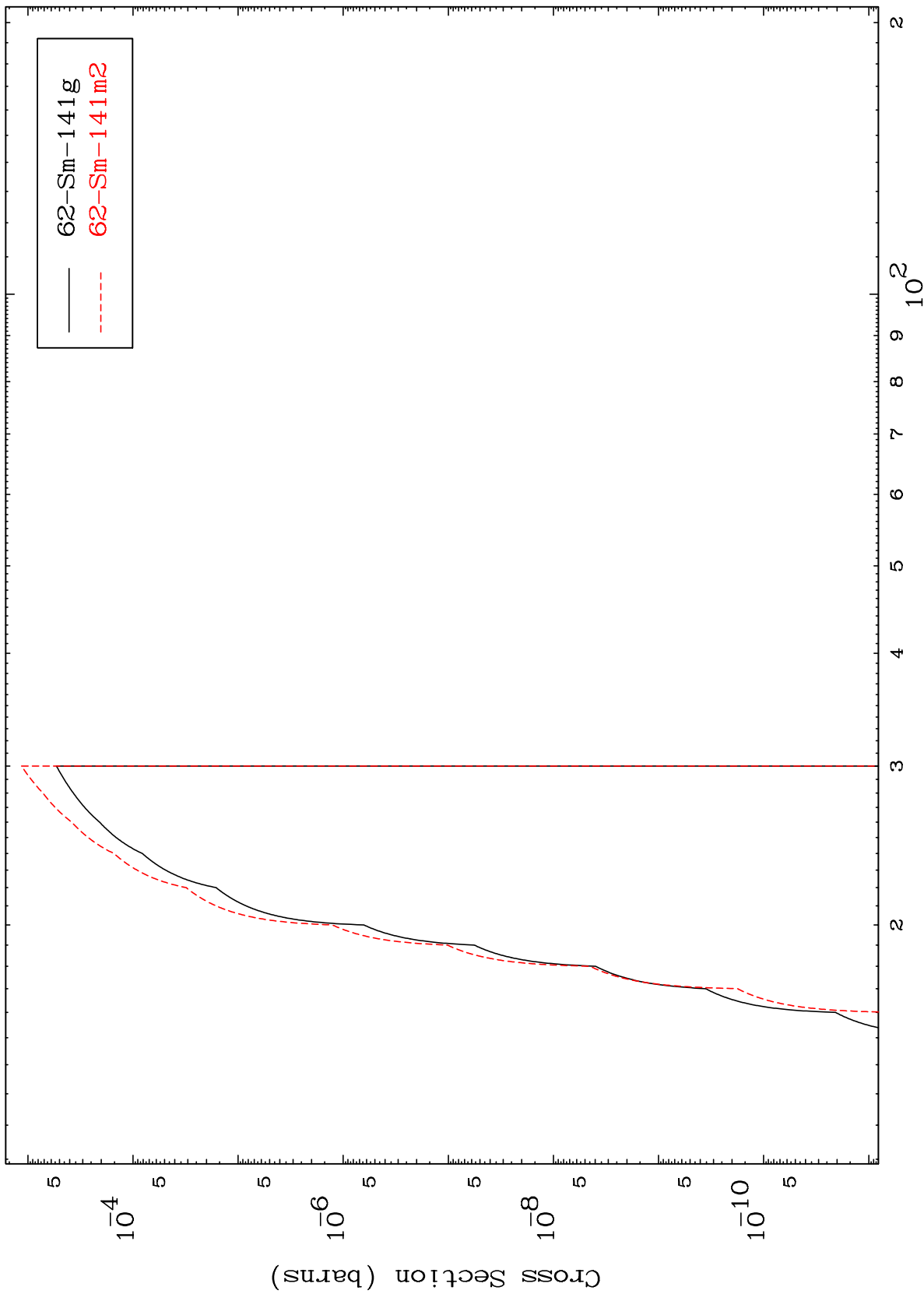
Incident Energy (MeV)

18

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62-Sm-143

(n,t)
Radionuclide Production Cross Section



19

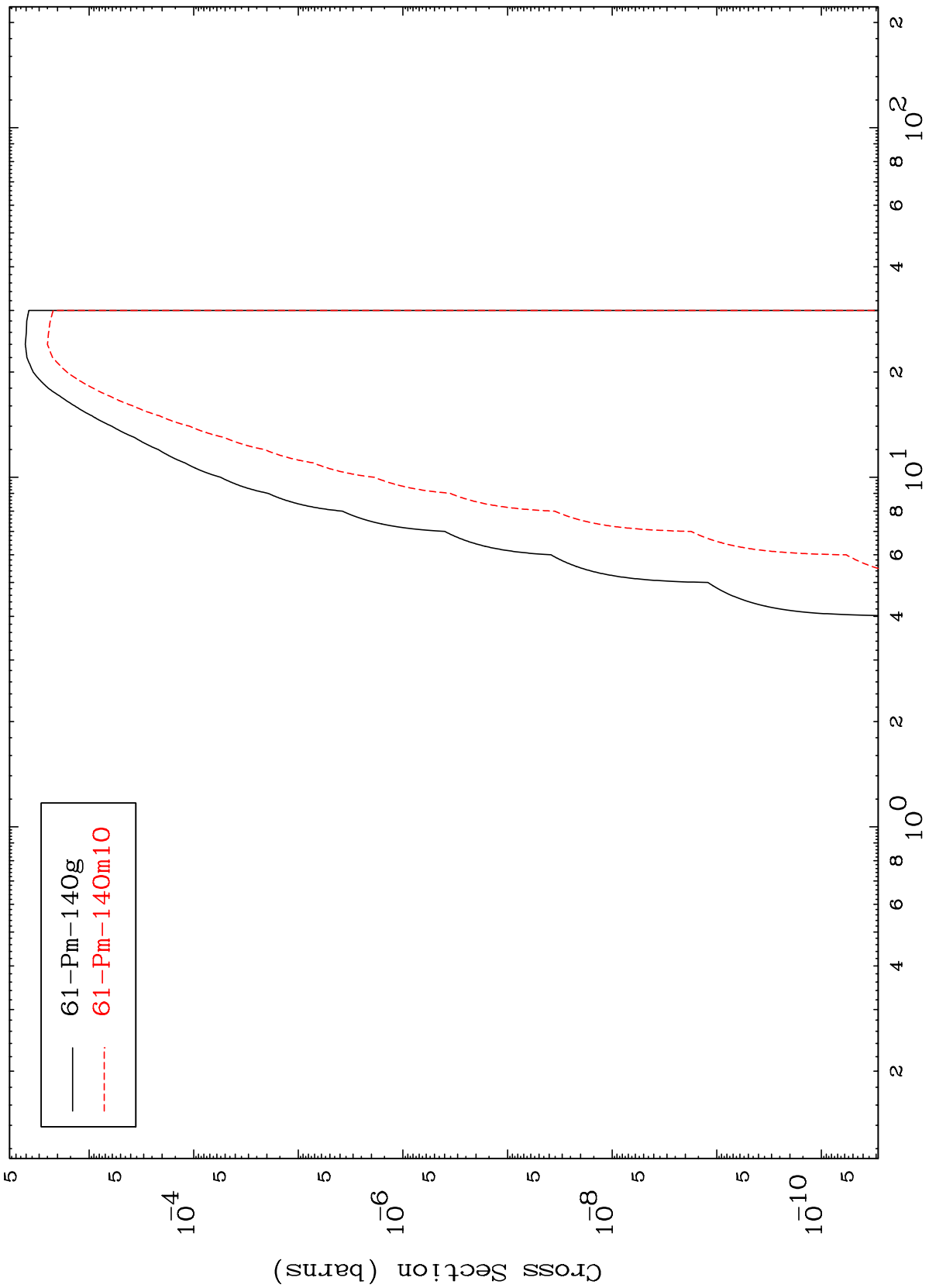
62-Sm-143

Incident Energy (MeV)

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62-Sm-143

(n, α)
Radionuclide Production Cross Section



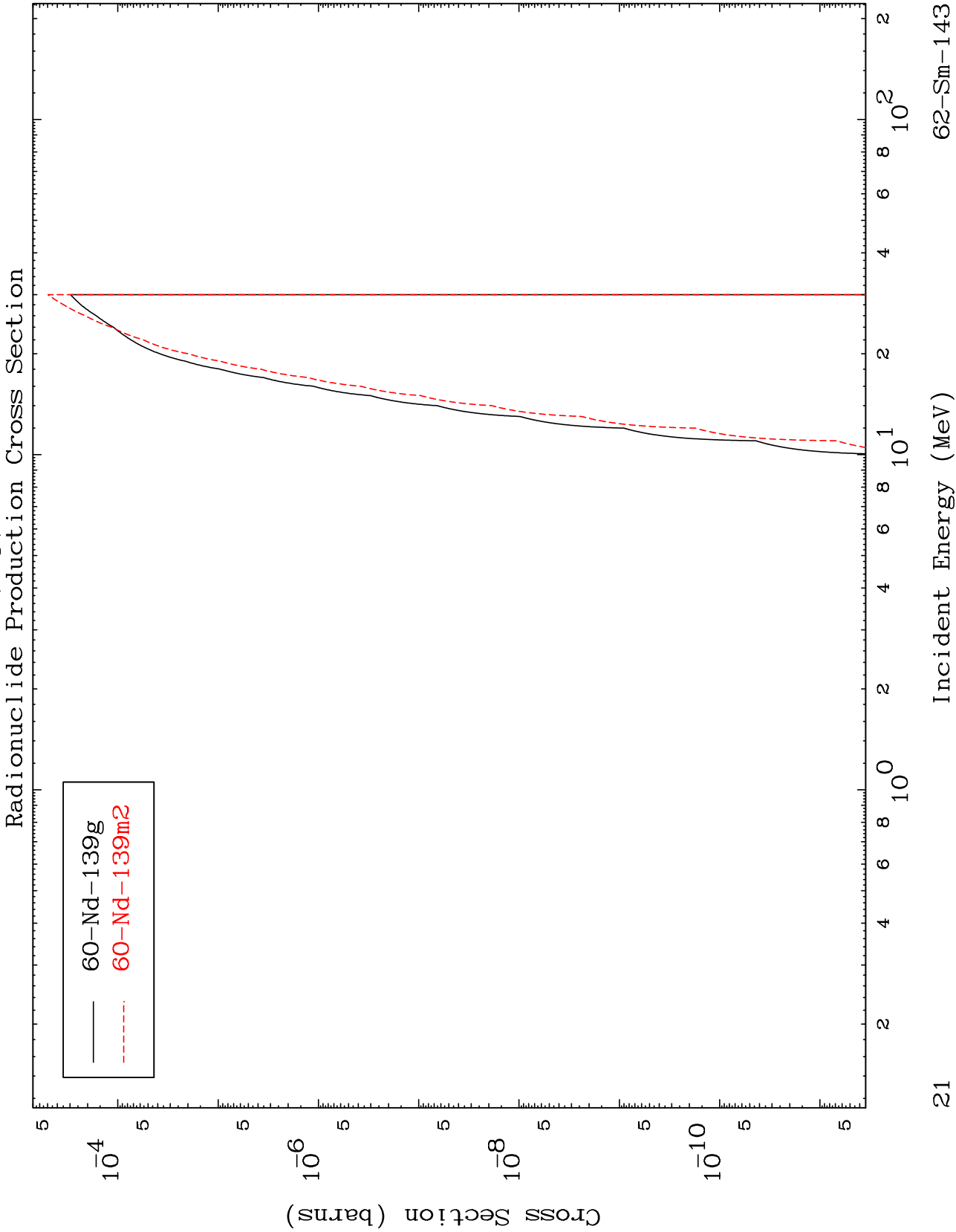
20

62-Sm-143

MAT 6222

(n,p) α

62-Sm-143

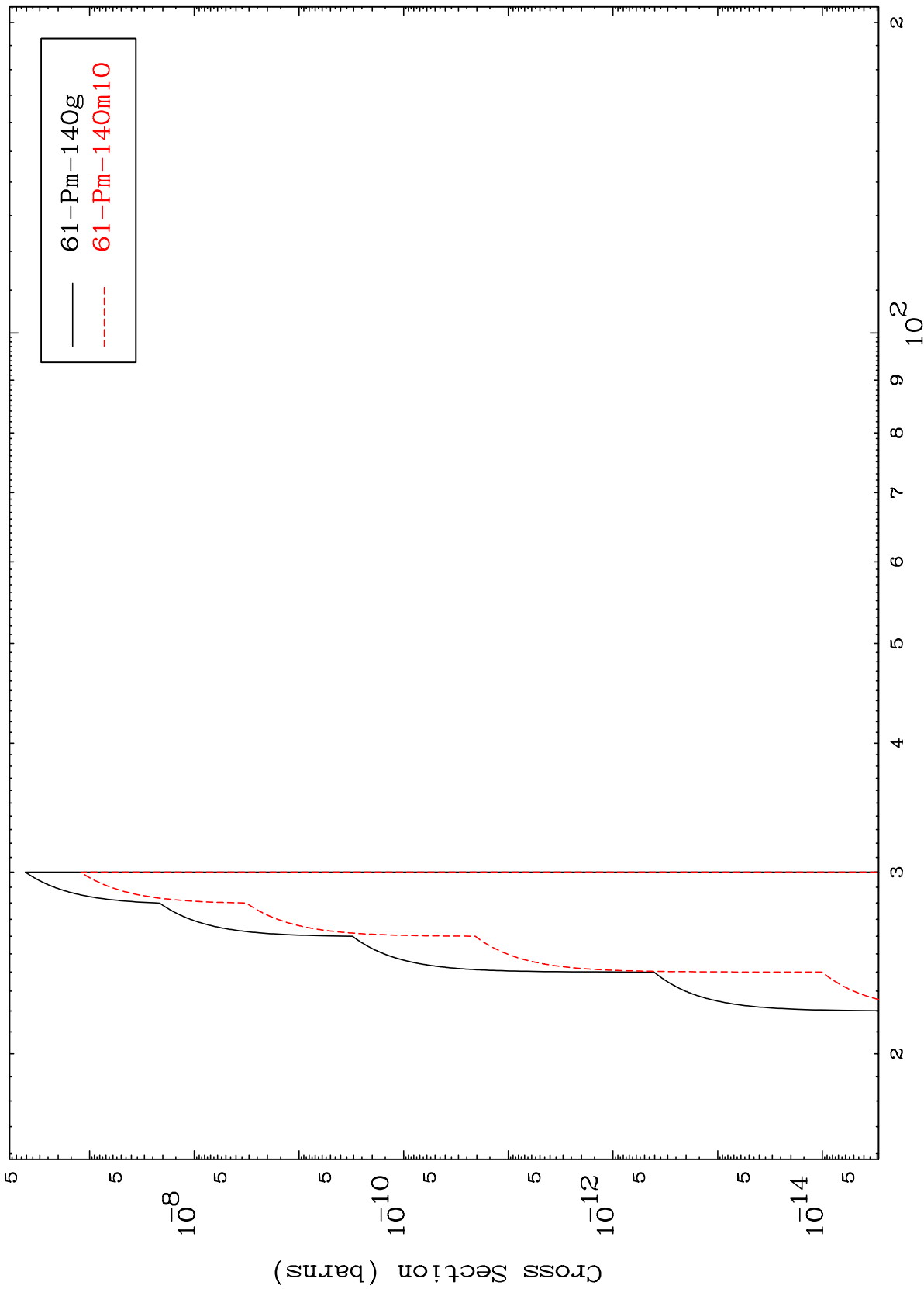


MAT 6222

(n,p) t

62-Sm-143

Radionuclide Production Cross Section



22

Incident Energy (MeV)

62-Sm-143