

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

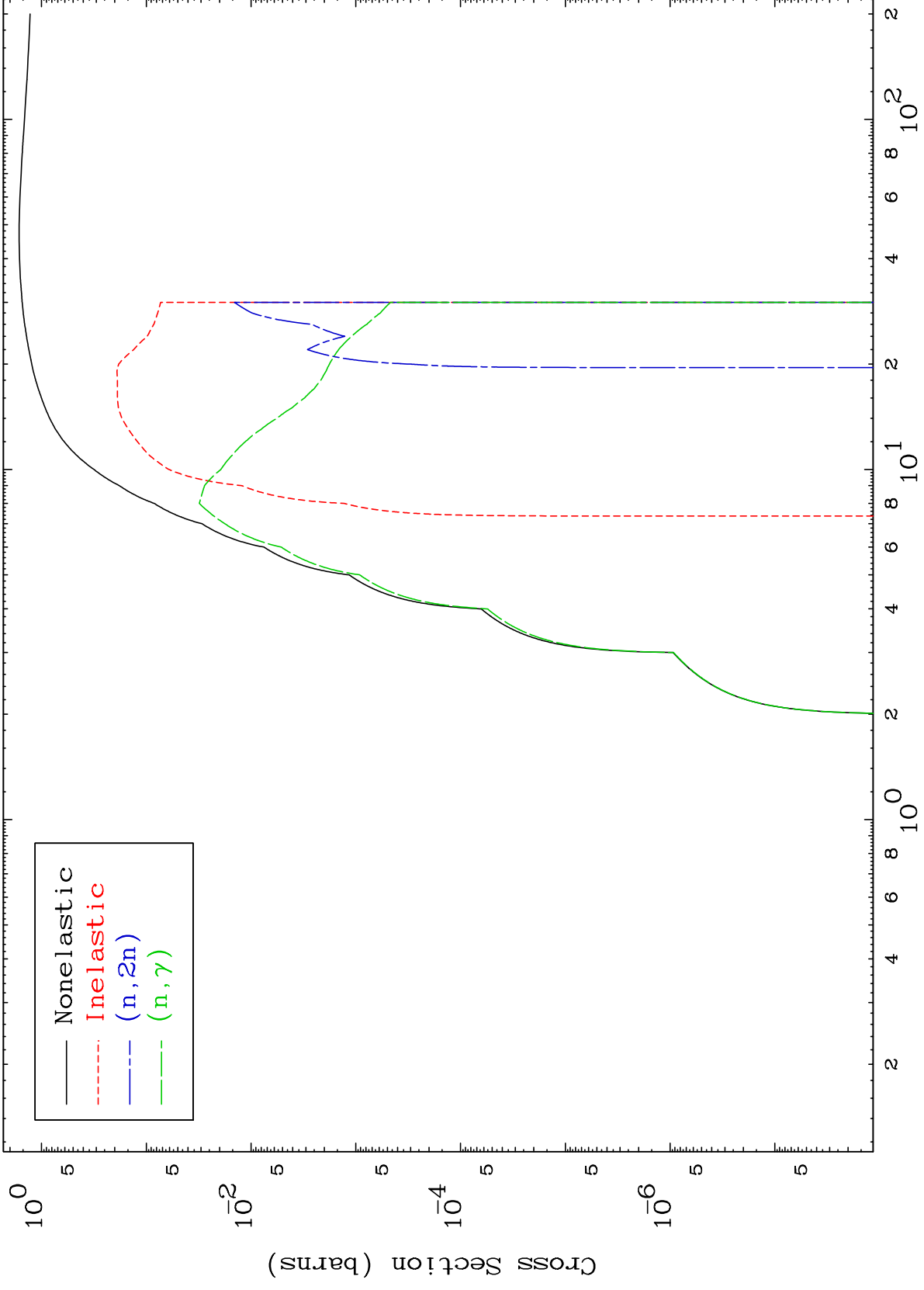
Press Mouse Button to Start

MAT 6404

Proton Major

64-Gd-145

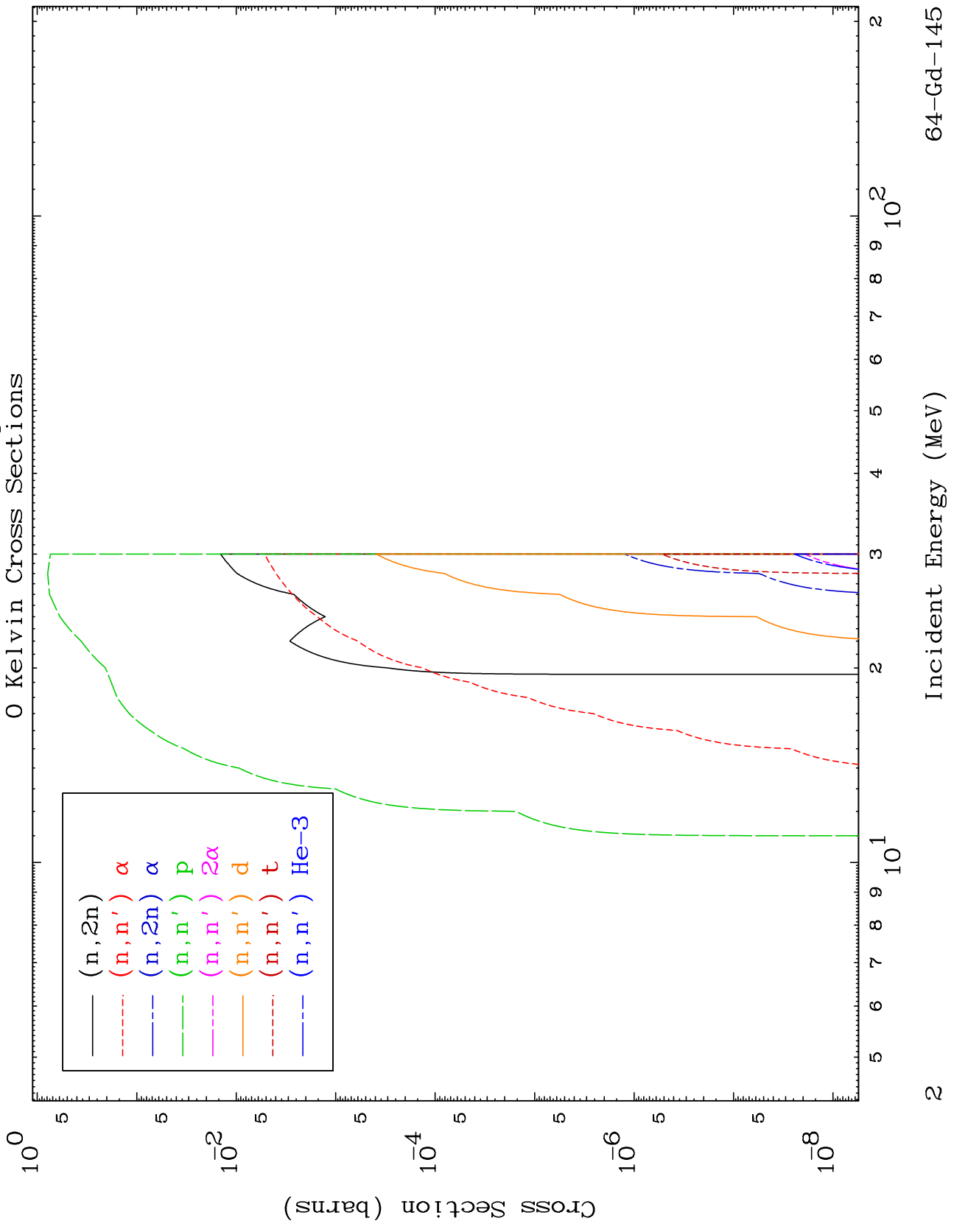
0 Kelvin Cross Sections

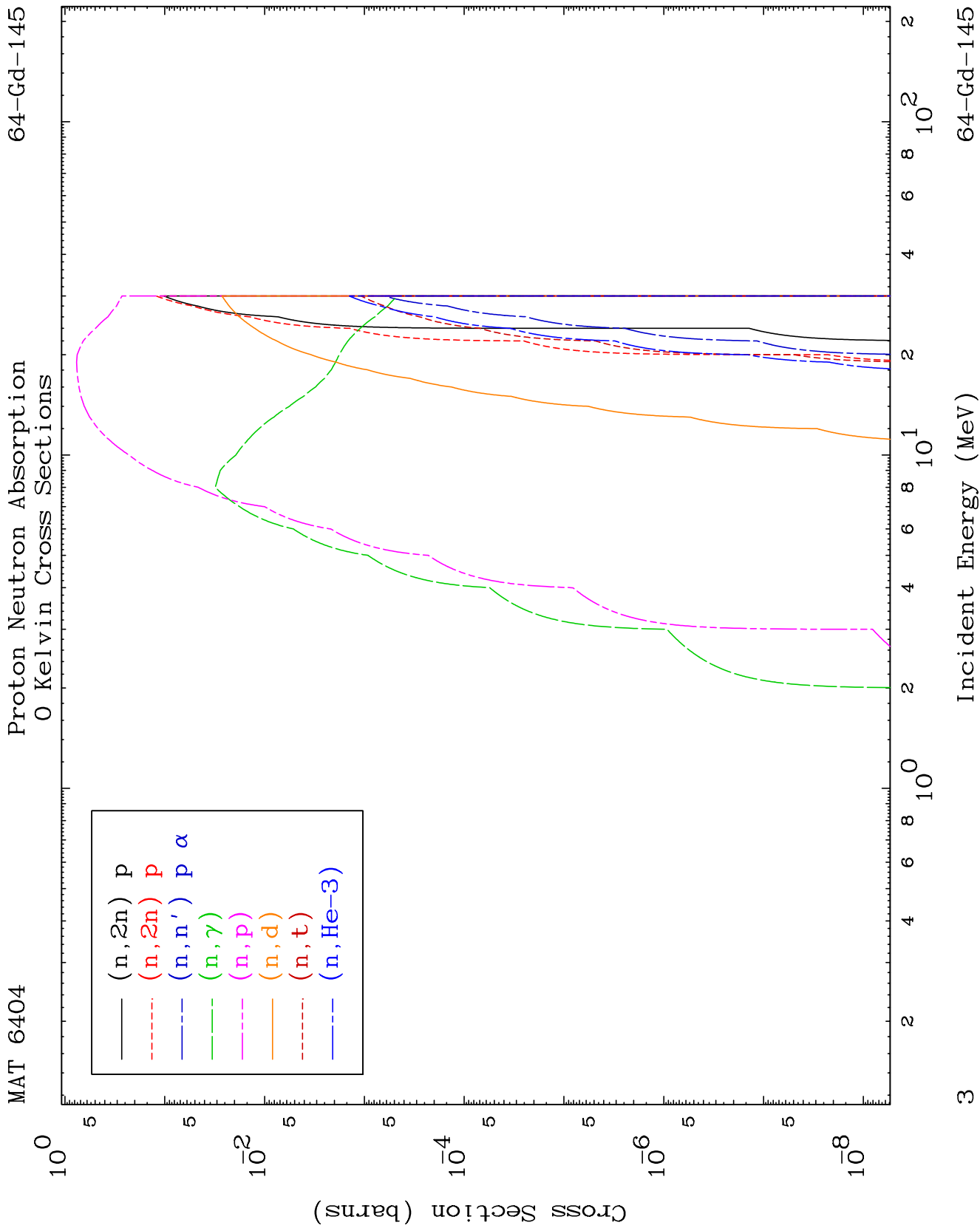


MAT 6404

Proton Neutron Absorption
0 Kelvin Cross Sections

64-Gd-145

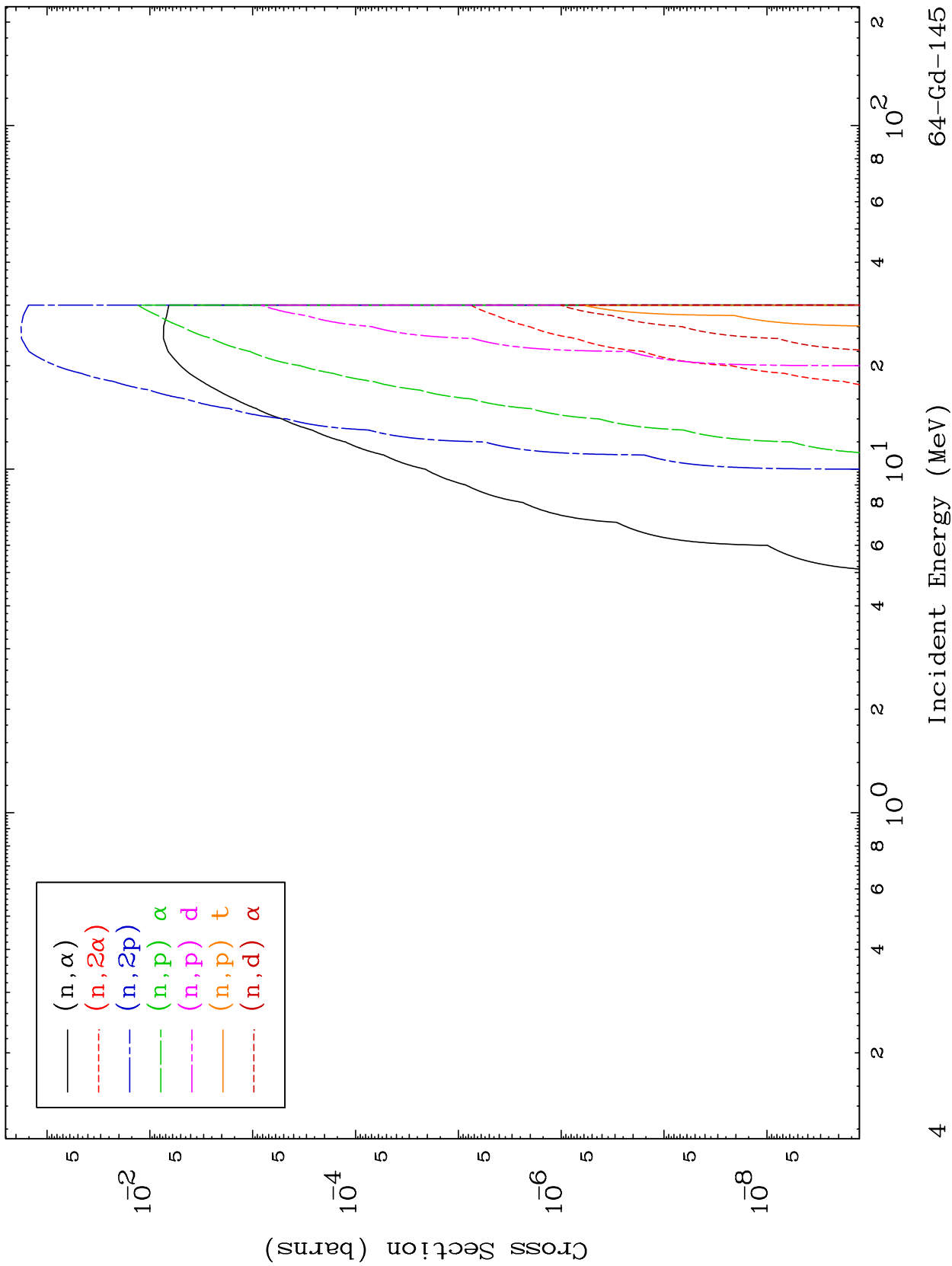




MAT 6404

Proton Neutron Absorption
0 Kelvin Cross Sections

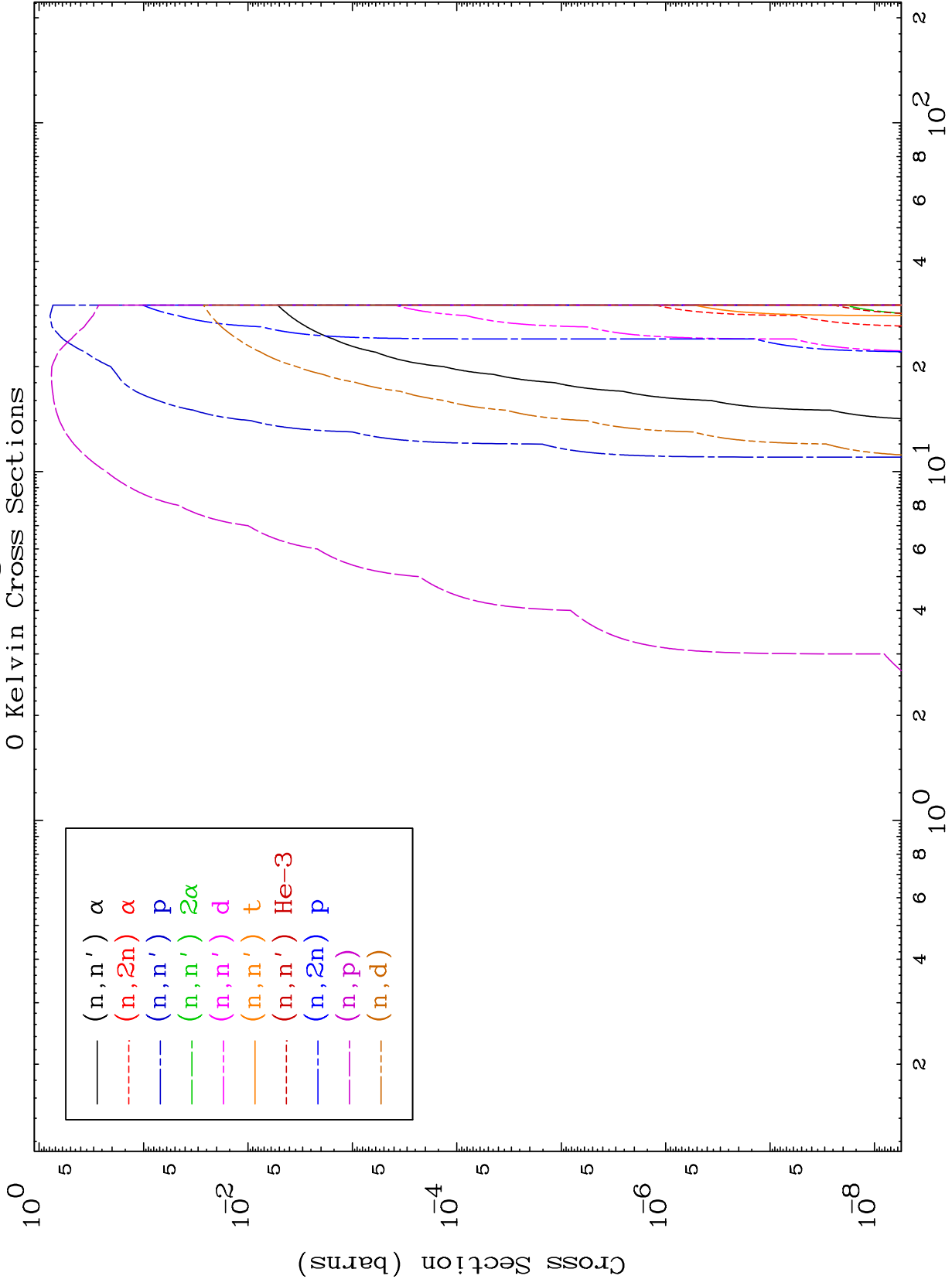
64-Gd-145



MAT 6404

Proton Charged Particle
0 Kelvin Cross Sections

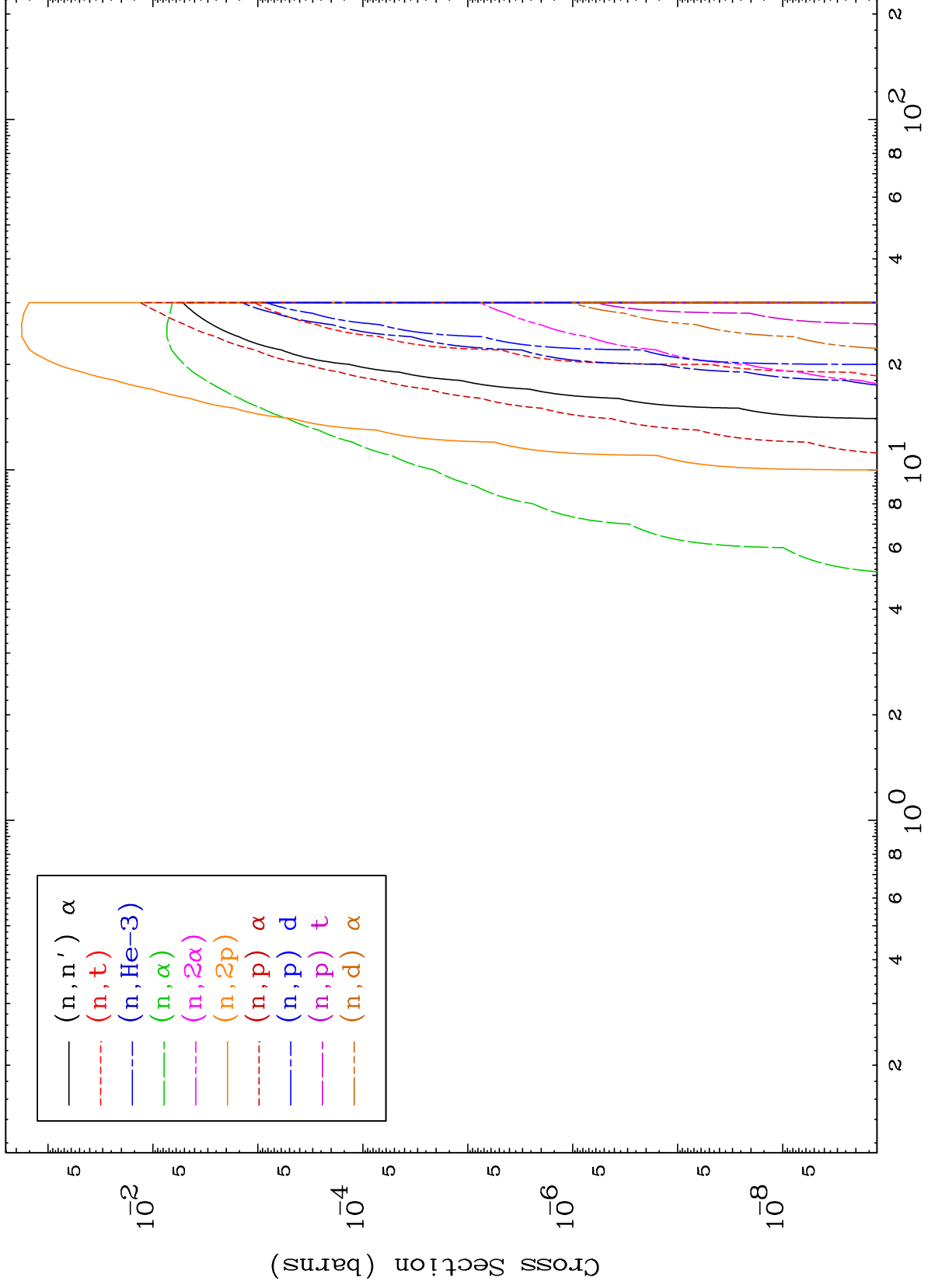
64-Gd-145



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Proton Charged Particle
0 Kelvin Cross Sections

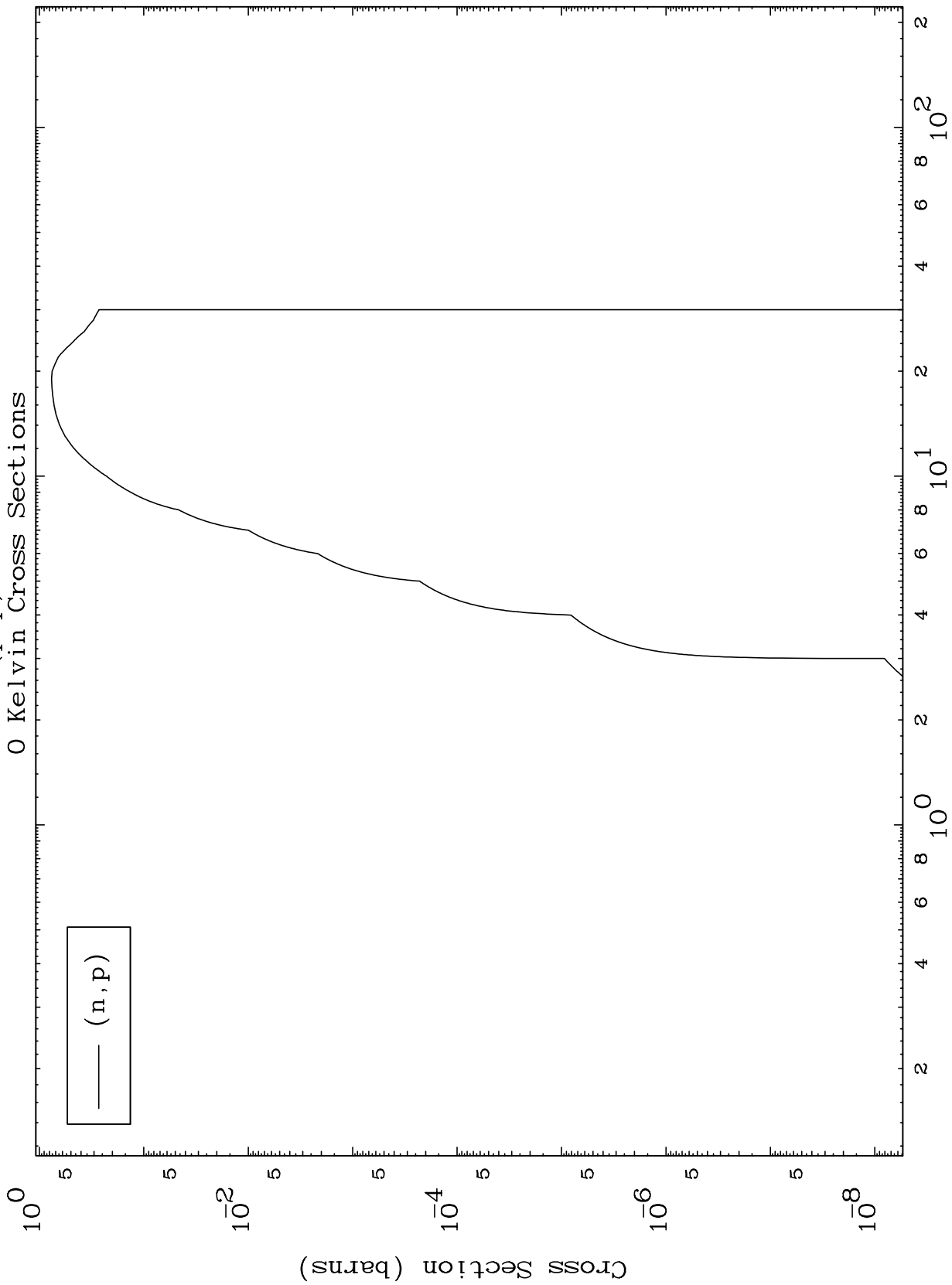
64-Gd-145



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64-Gd-145

(p,p) Levels
0 Kelvin Cross Sections



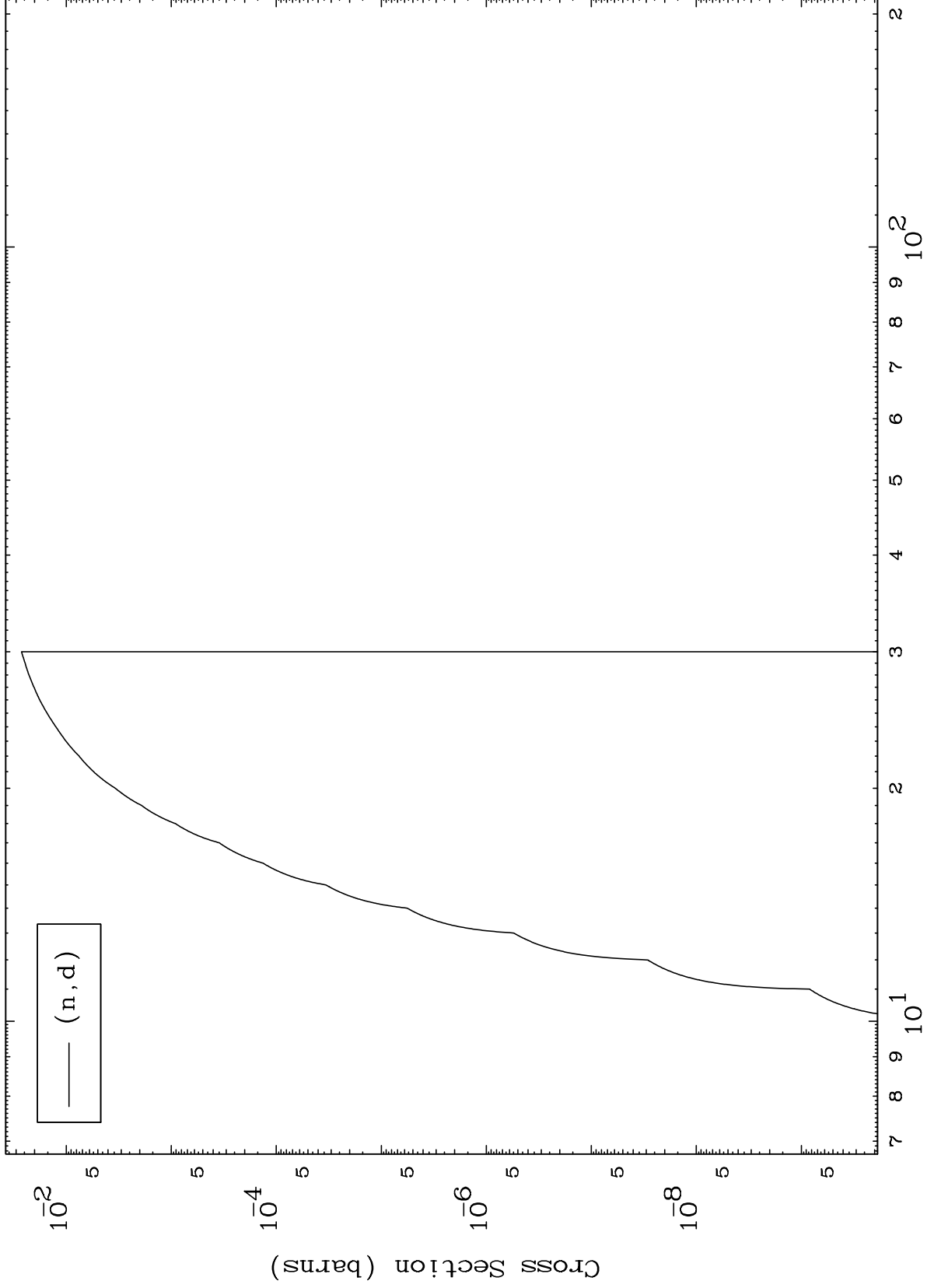
64-Gd-145

Incident Energy (MeV)

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(p,d) Levels
0 Kelvin Cross Sections

64-Gd-145



8

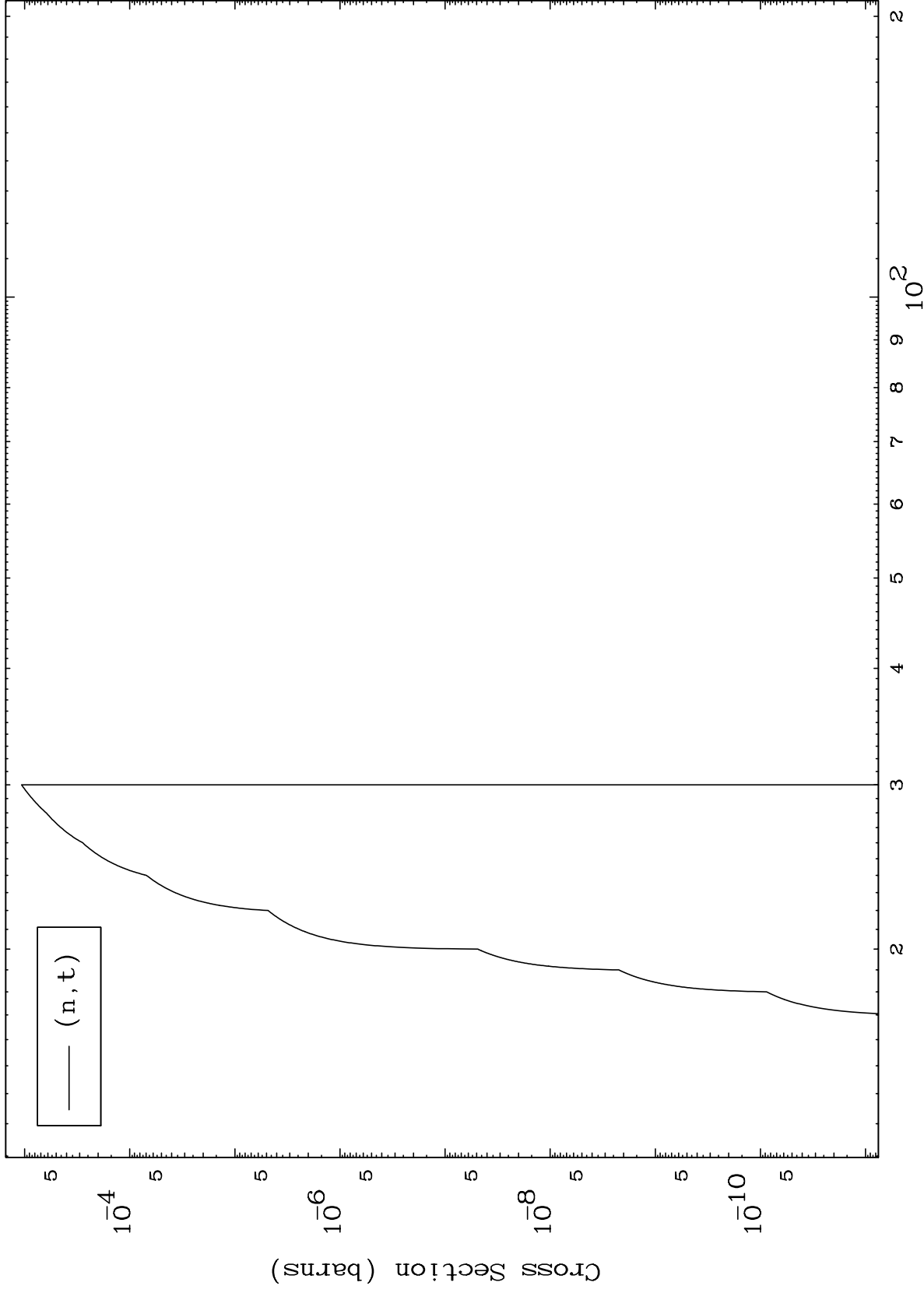
Incident Energy (MeV)

64-Gd-145

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(p, t) Levels
0 Kelvin Cross Sections

64-Gd-145



9

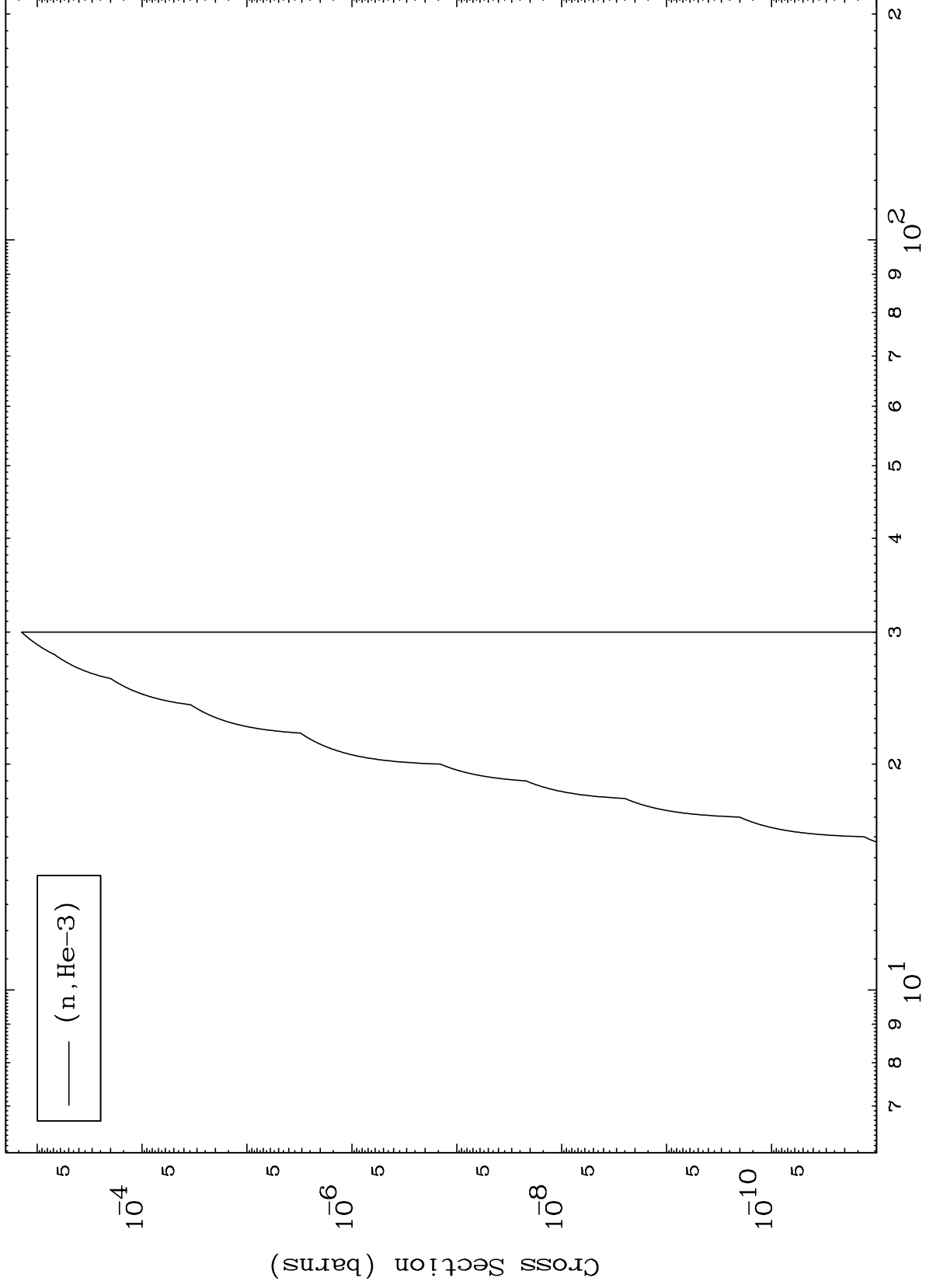
Incident Energy (MeV)

64-Gd-145

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64-Gd-145

(p,He3) Levels
0 Kelvin Cross Sections



10

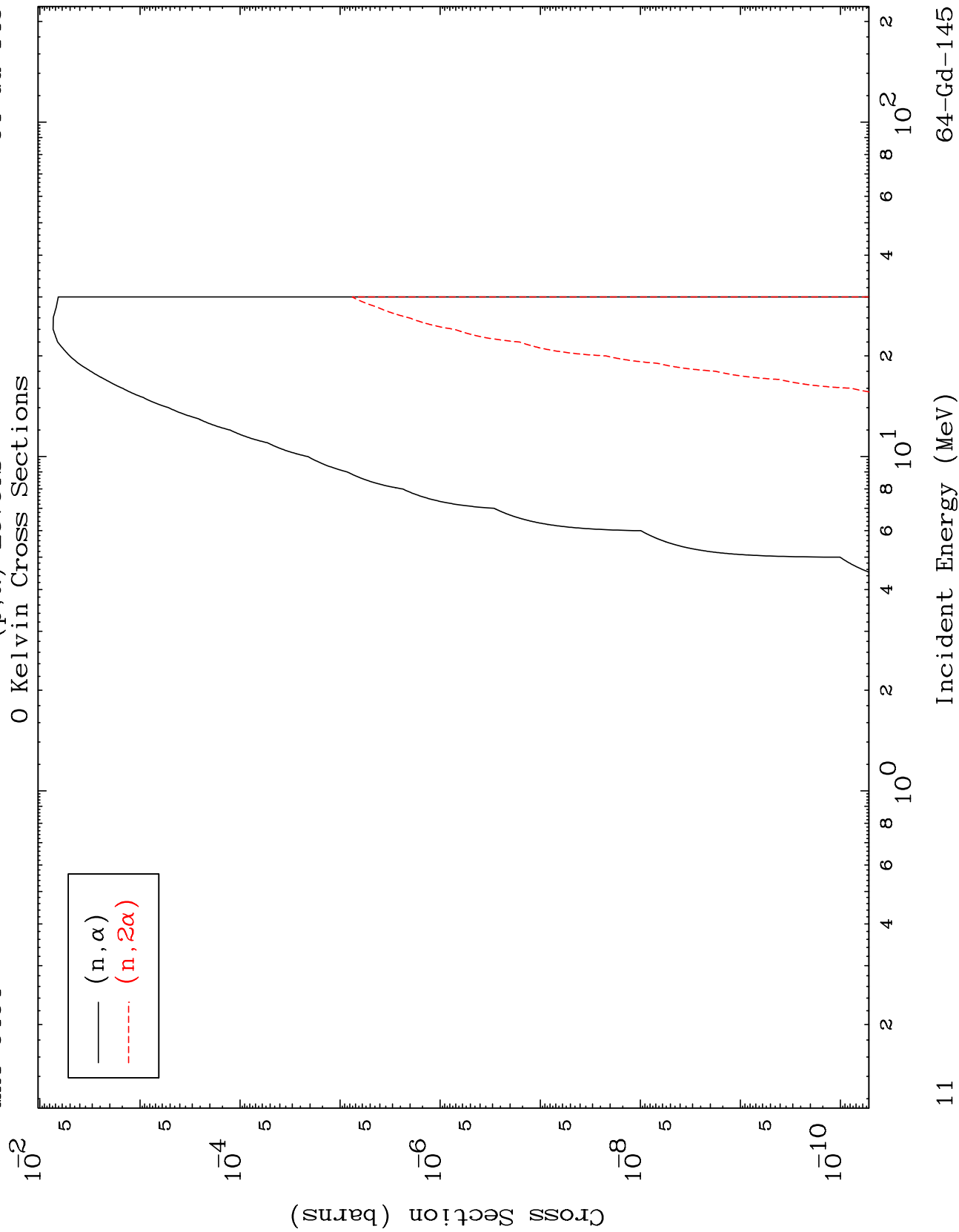
Incident Energy (MeV)

64-Gd-145

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64-Gd-145

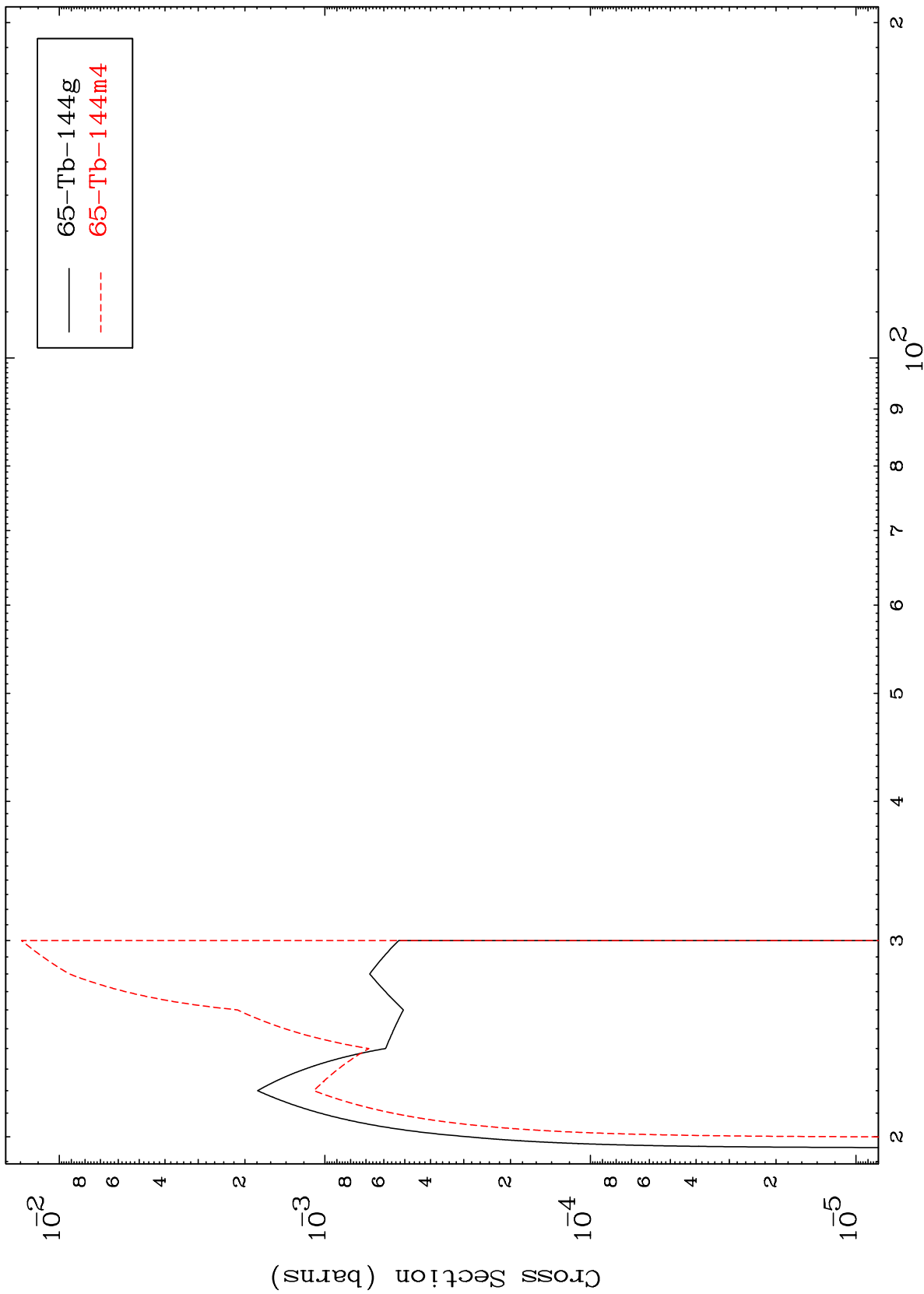
(p, α) Levels
0 Kelvin Cross Sections



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64-Gd-145

(n,2n)
Radionuclide Production Cross Section



64-Gd-145

Incident Energy (MeV)

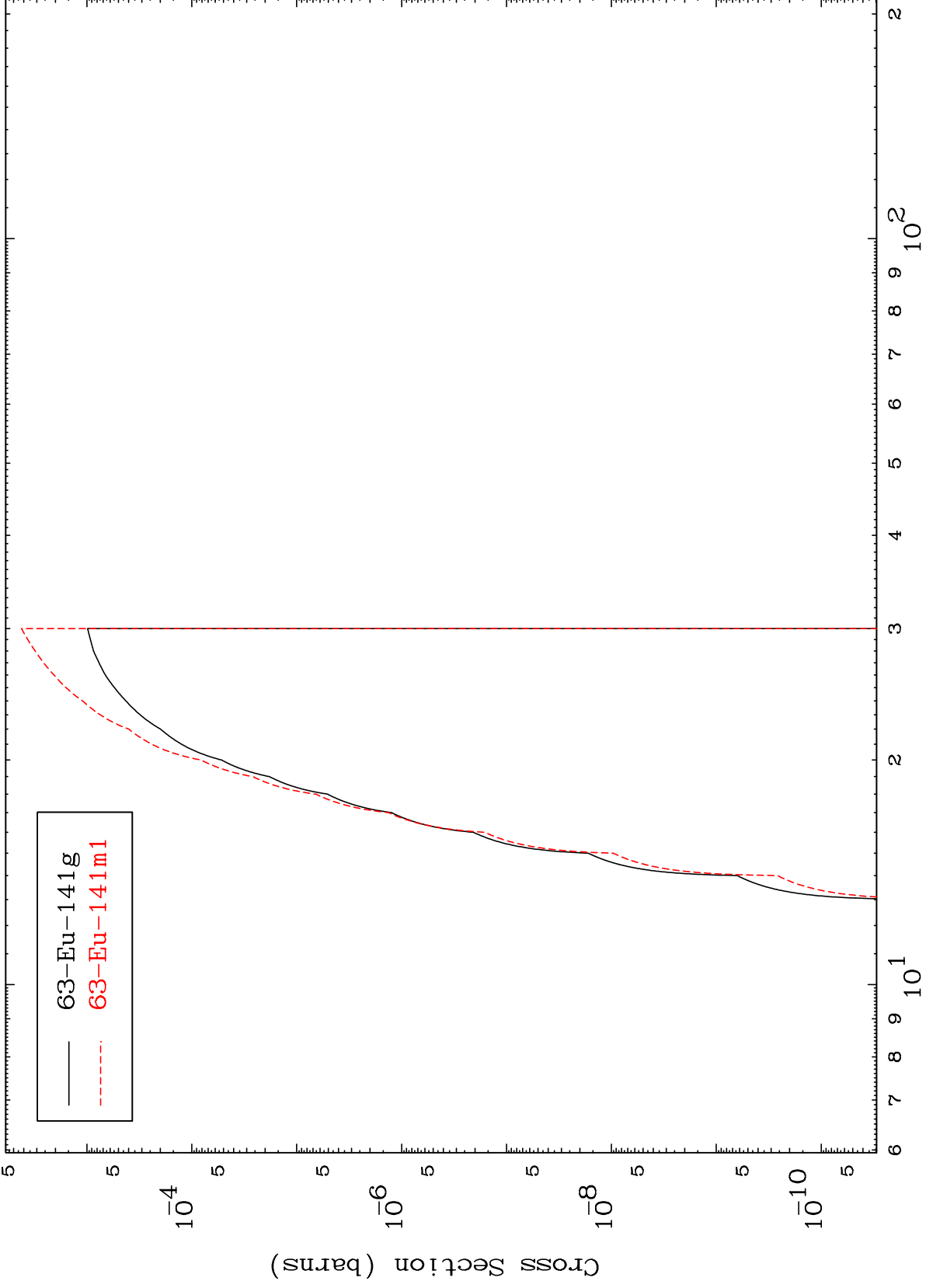
12

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64-Gd-145

(n,n') α

Radionuclide Production Cross Section



13

Incident Energy (MeV)

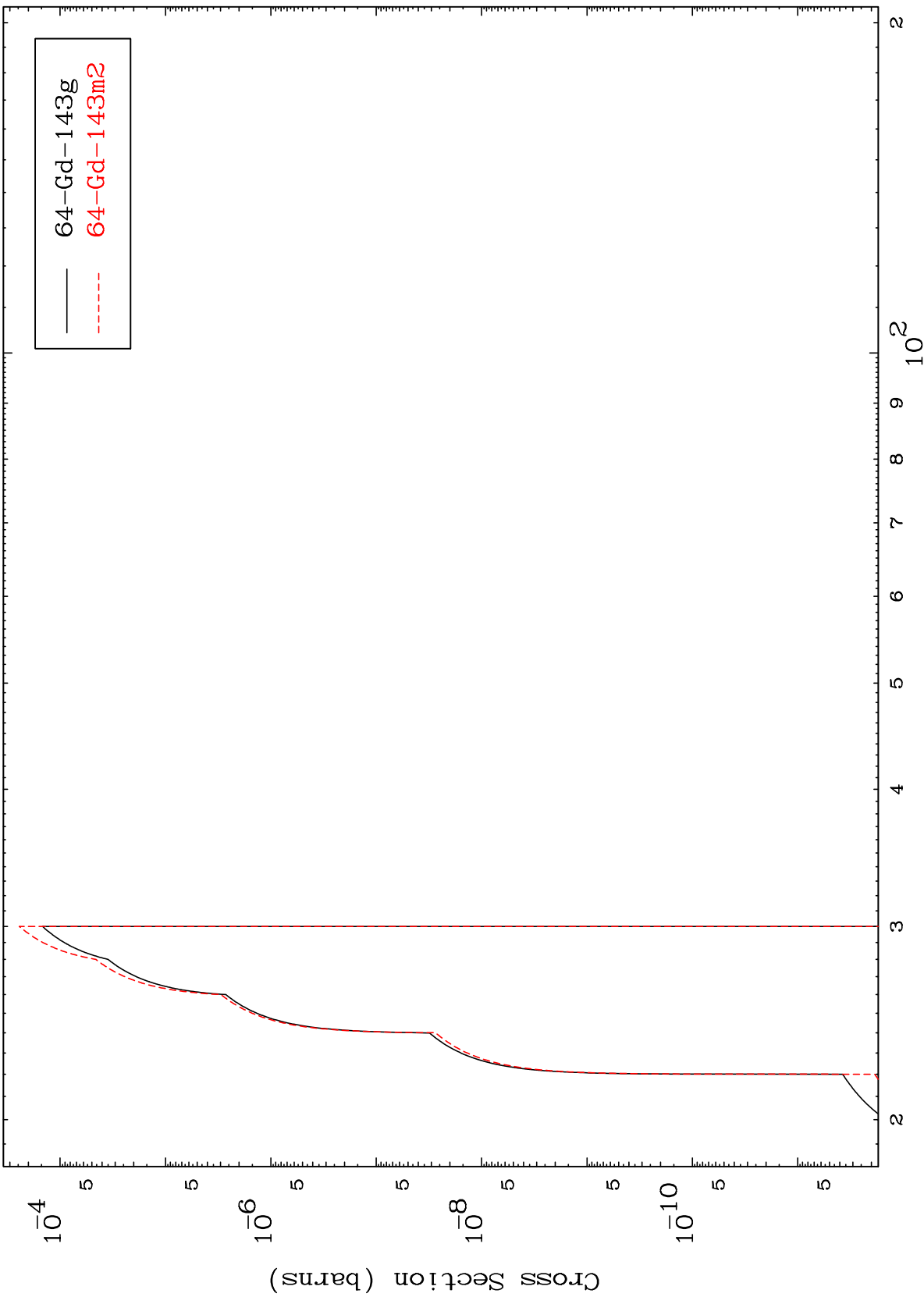
64-Gd-145

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(n,n') d

64-Gd-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

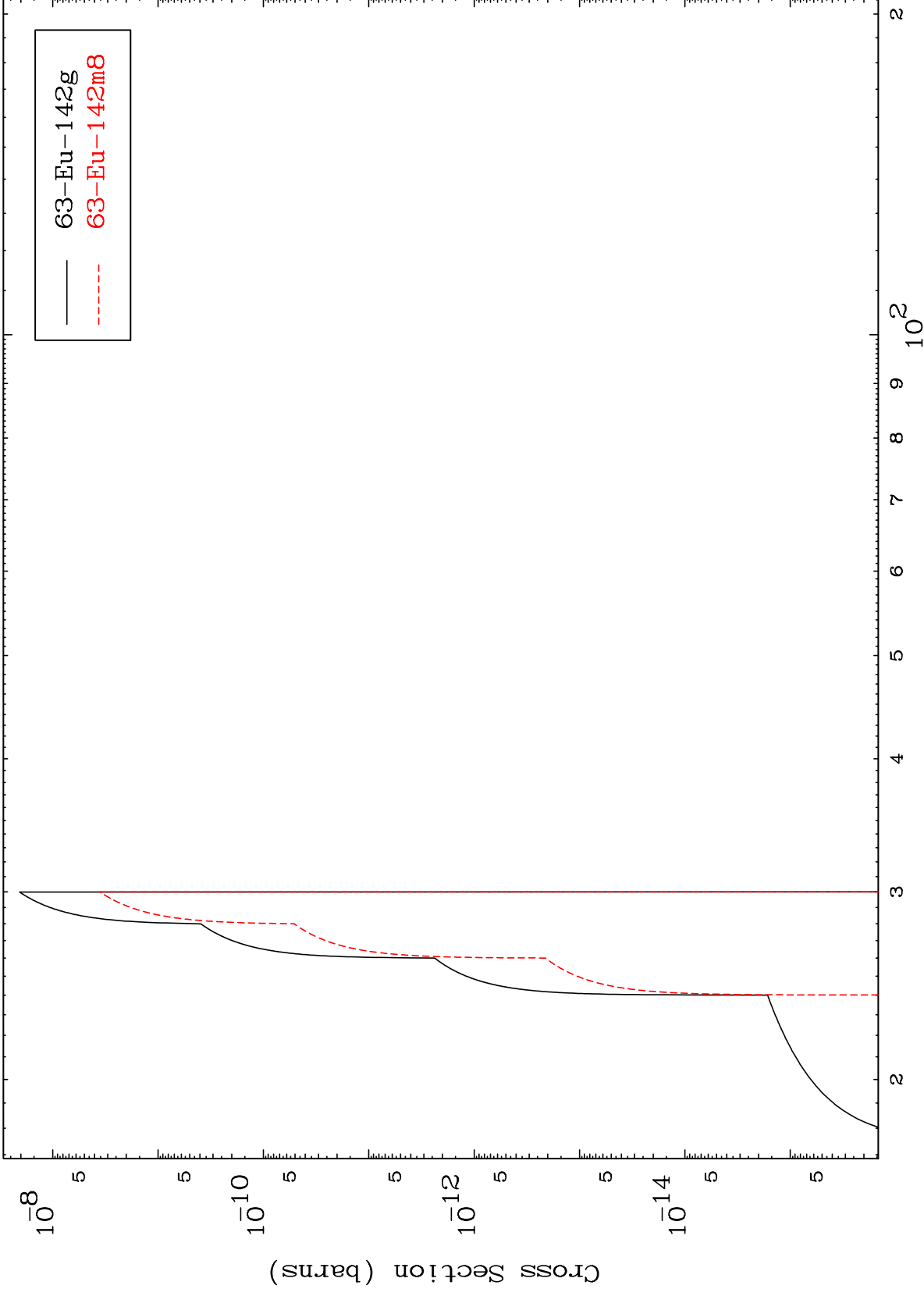
64-Gd-145

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(n,n') He-3

64-Gd-145

Radionuclide Production Cross Section



15

Incident Energy (MeV)

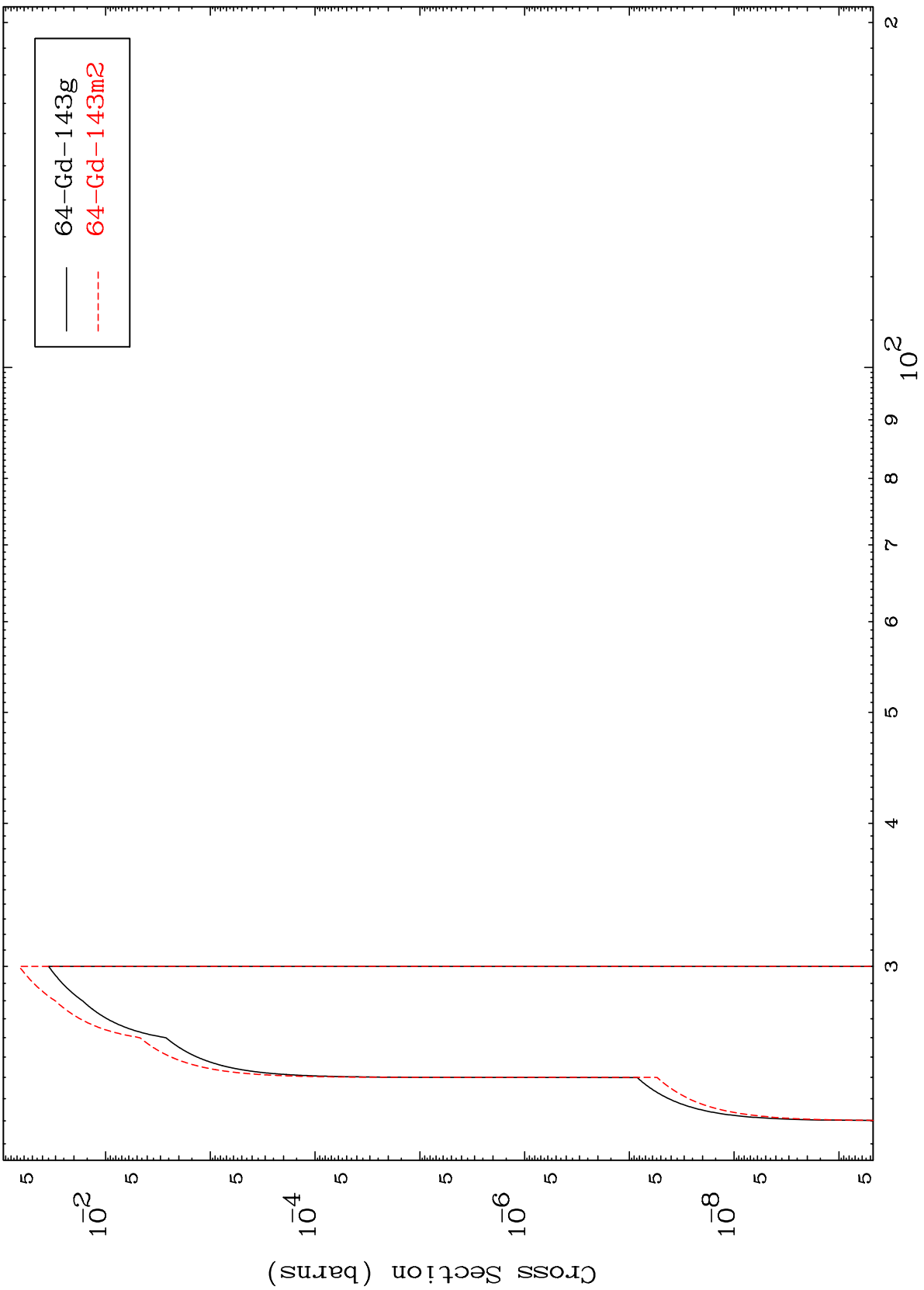
64-Gd-145

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(n,2n) p

64-Gd-145

Radionuclide Production Cross Section



16

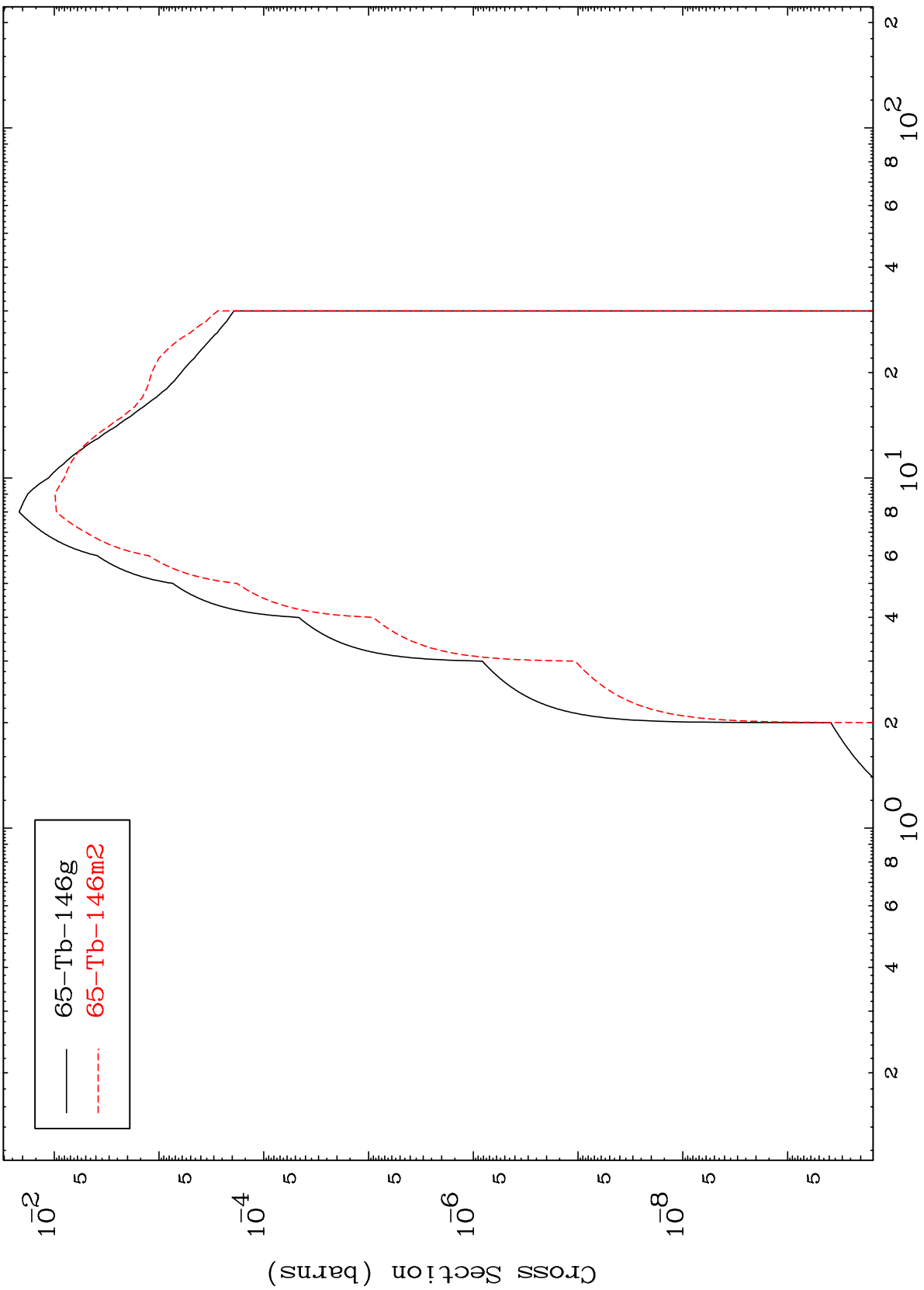
Incident Energy (MeV)

64-Gd-145

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64-Gd-145

(n, γ)
Radionuclide Production Cross Section

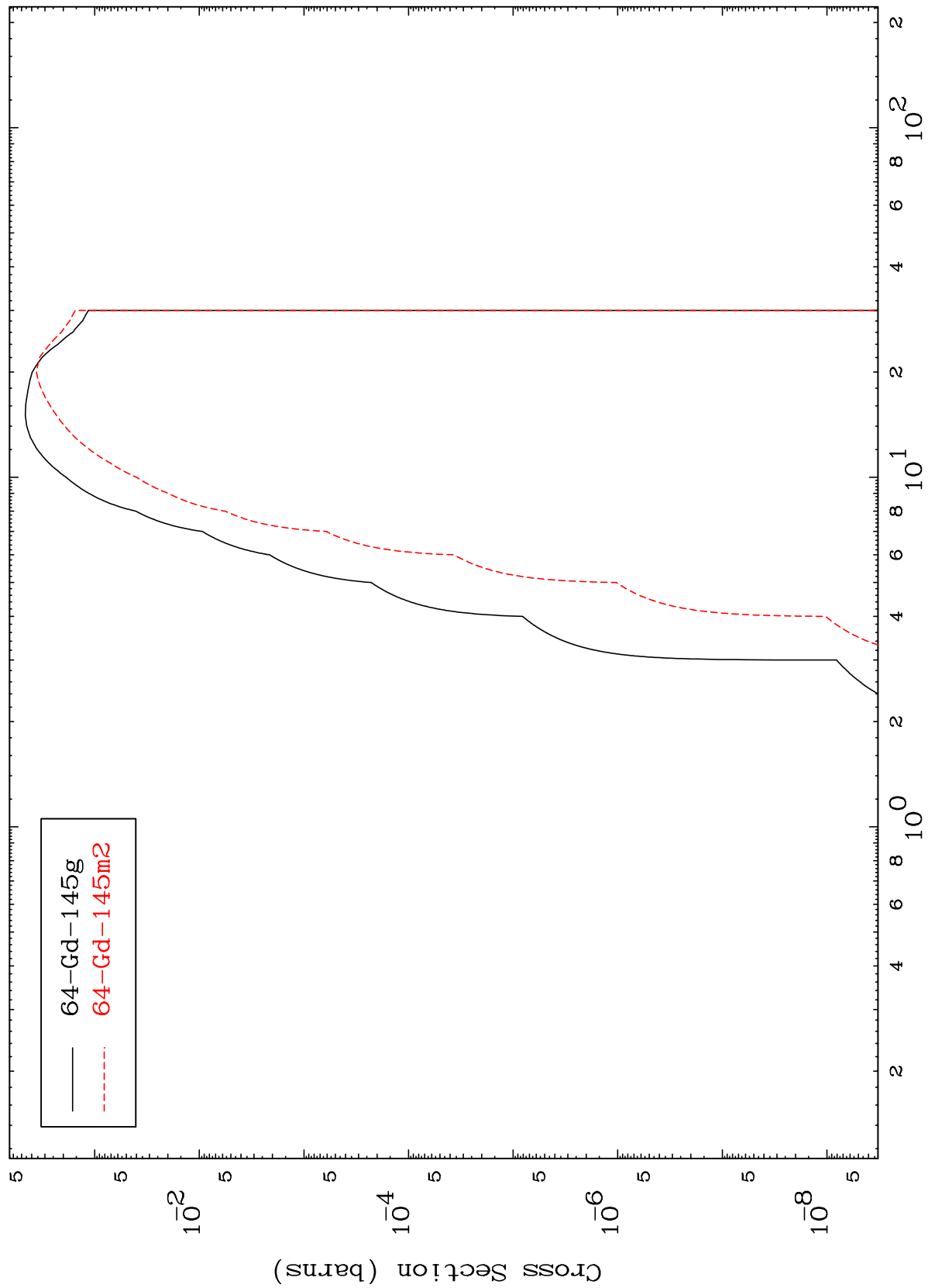


— 65-Tb-146g
- - - 65-Tb-146m2

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64-Gd-145

(n,p)
Radionuclide Production Cross Section



64-Gd-145g
64-Gd-145m2

64-Gd-145

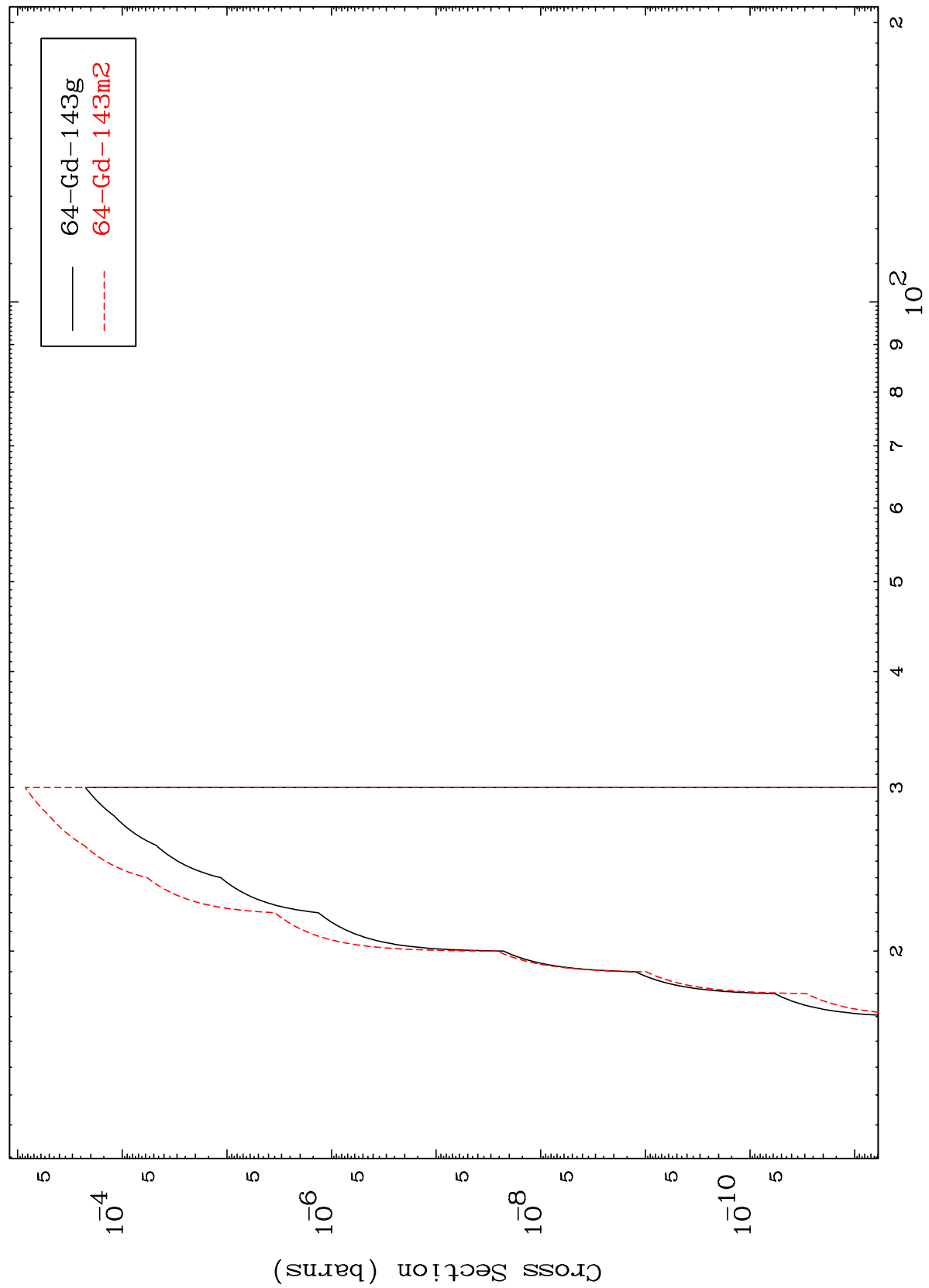
Incident Energy (MeV)

18

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64-Gd-145

(n,t)
Radionuclide Production Cross Section



19

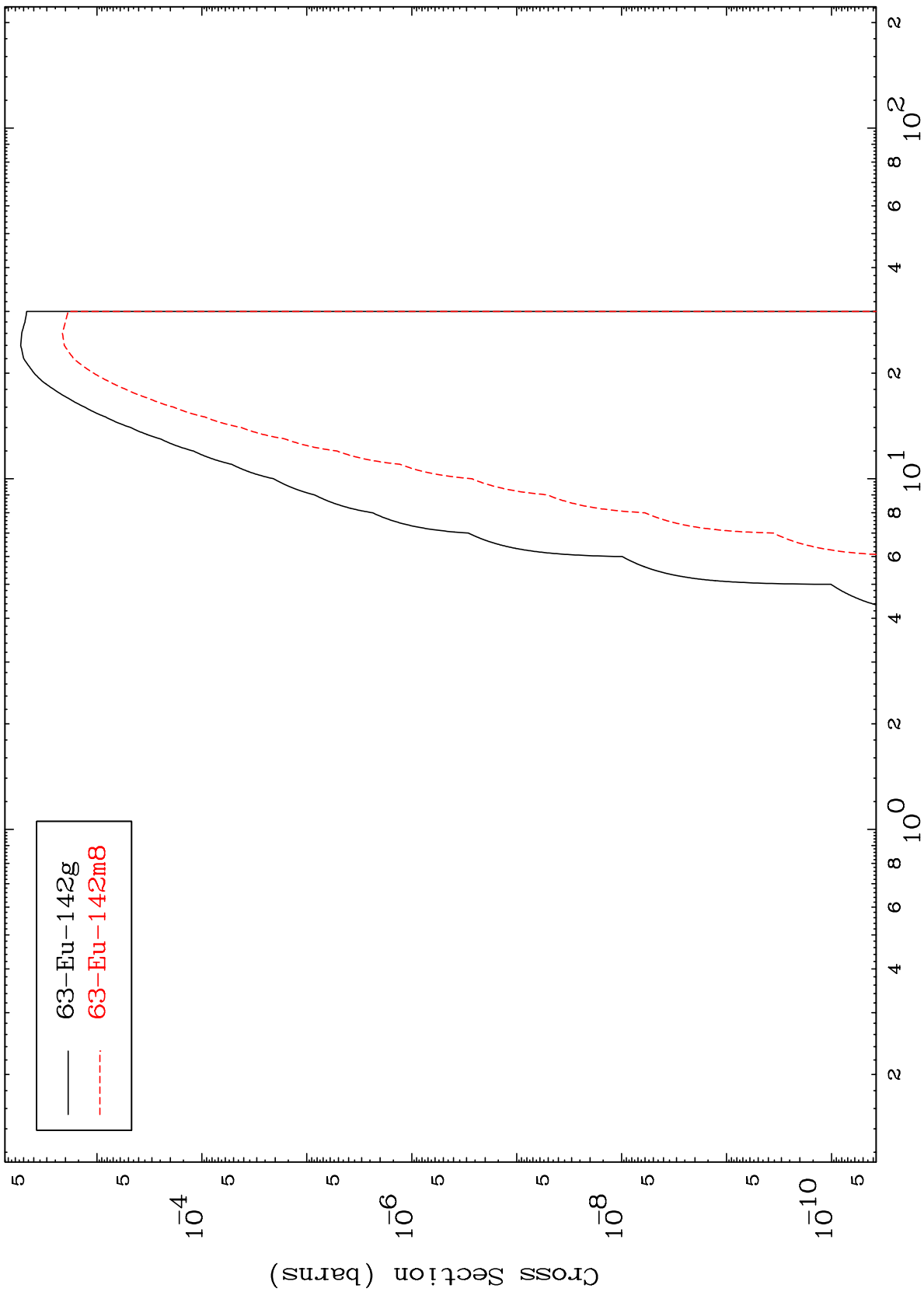
Incident Energy (MeV)

64-Gd-145

MAT 6404

64-Gd-145

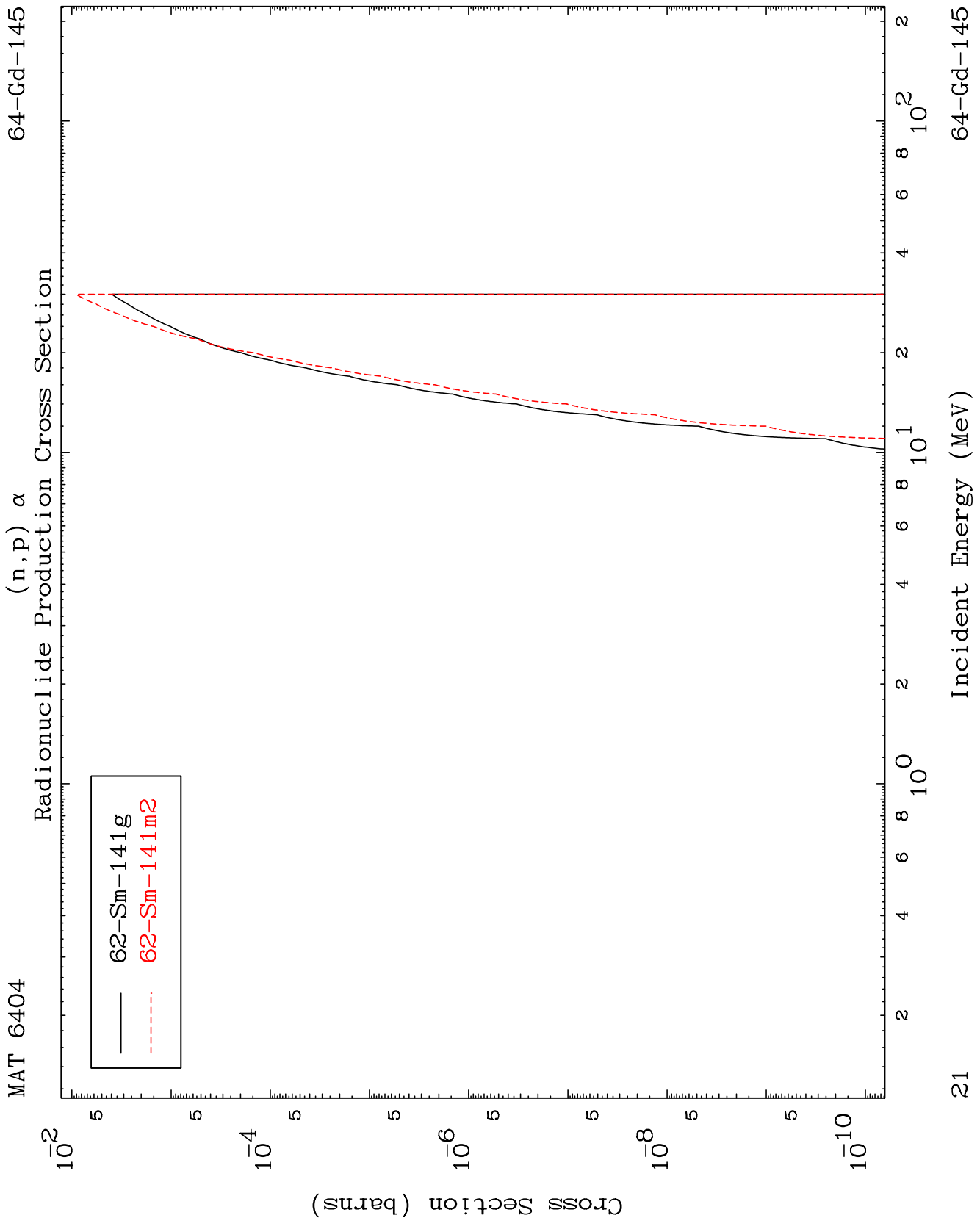
Radionuclide Production Cross Section
(n, α)



64-Gd-145

Incident Energy (MeV)

20

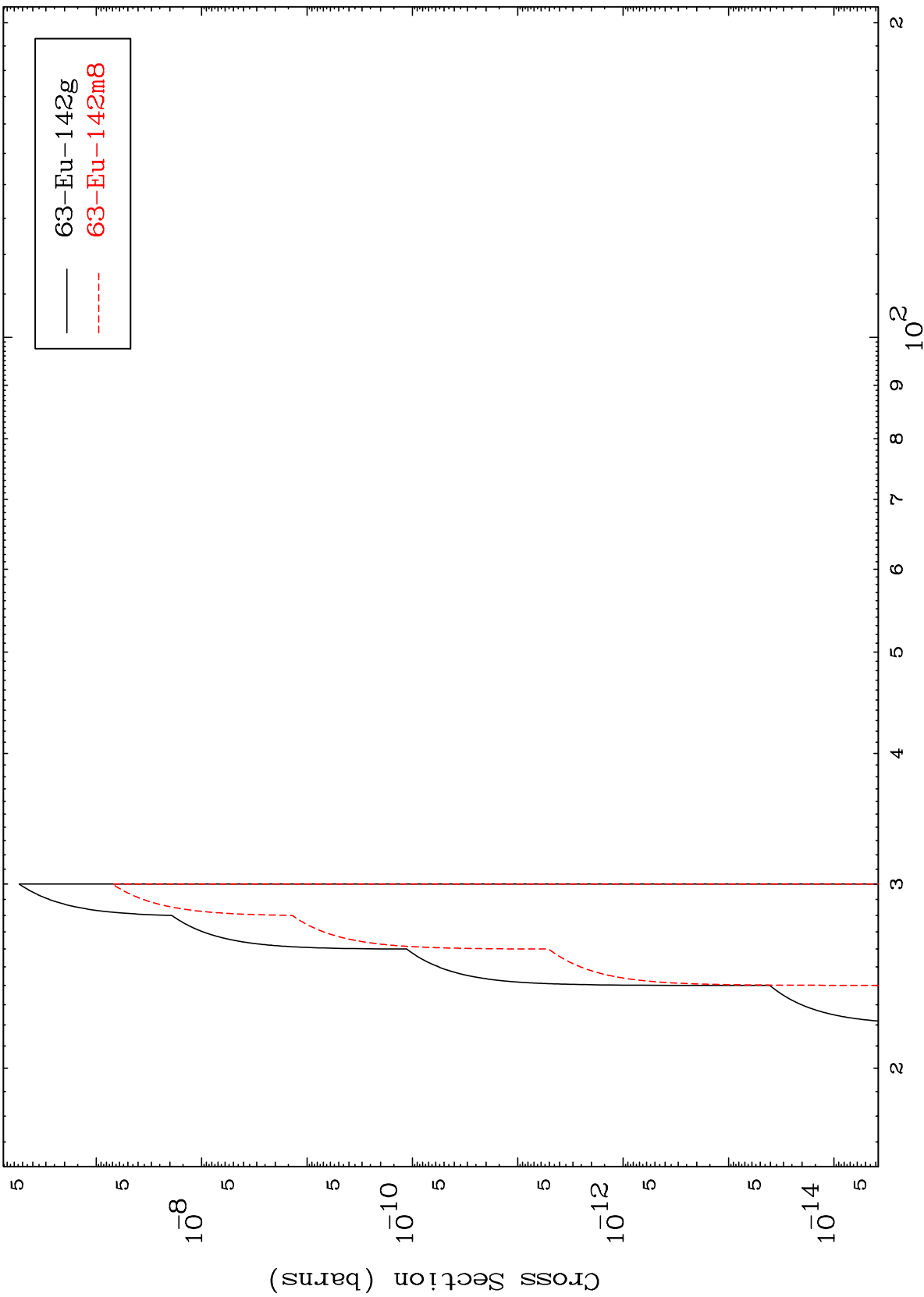


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(n,p) t

64-Gd-145

Radionuclide Production Cross Section



22

Incident Energy (MeV)

64-Gd-145