

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

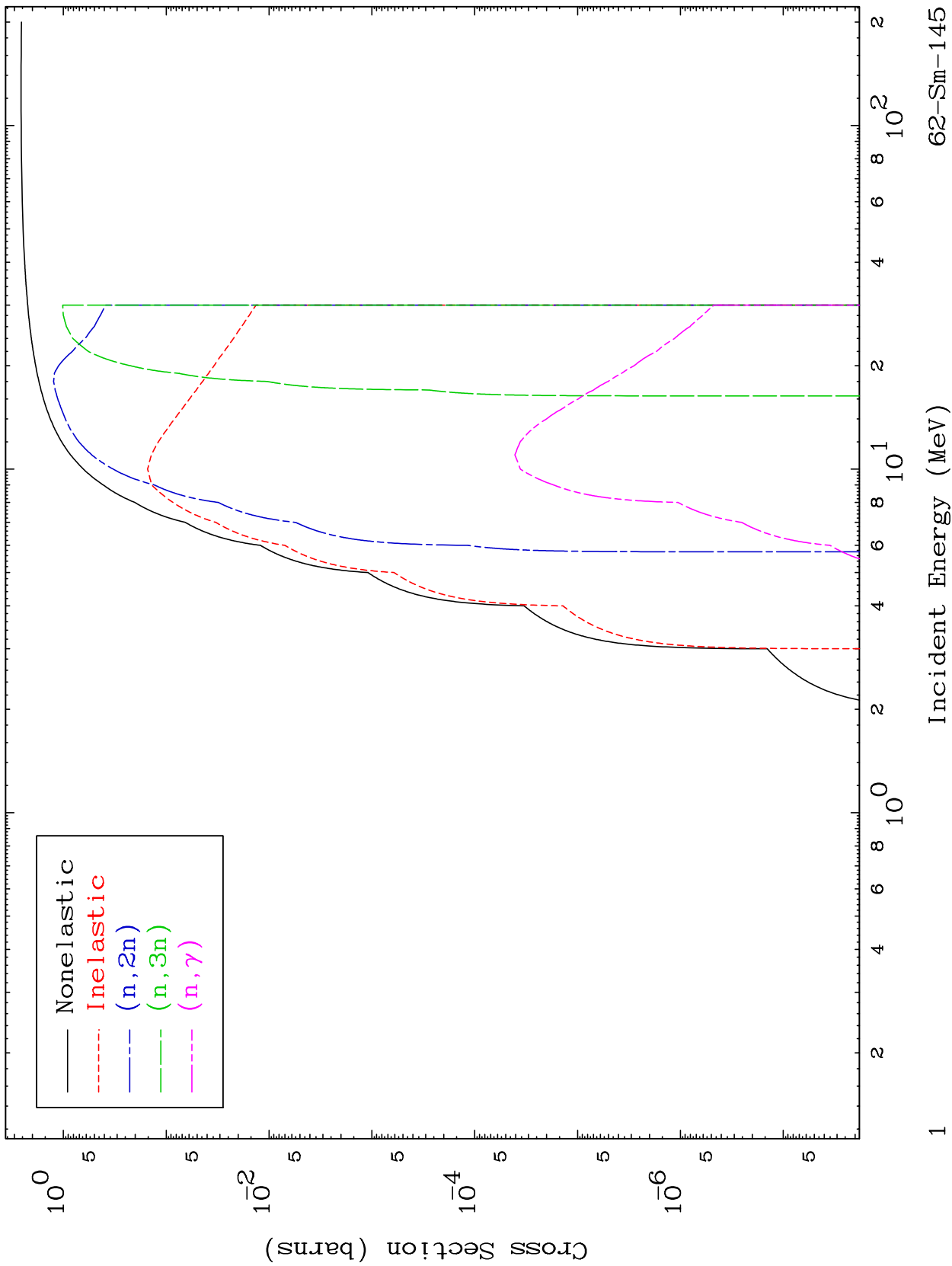
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

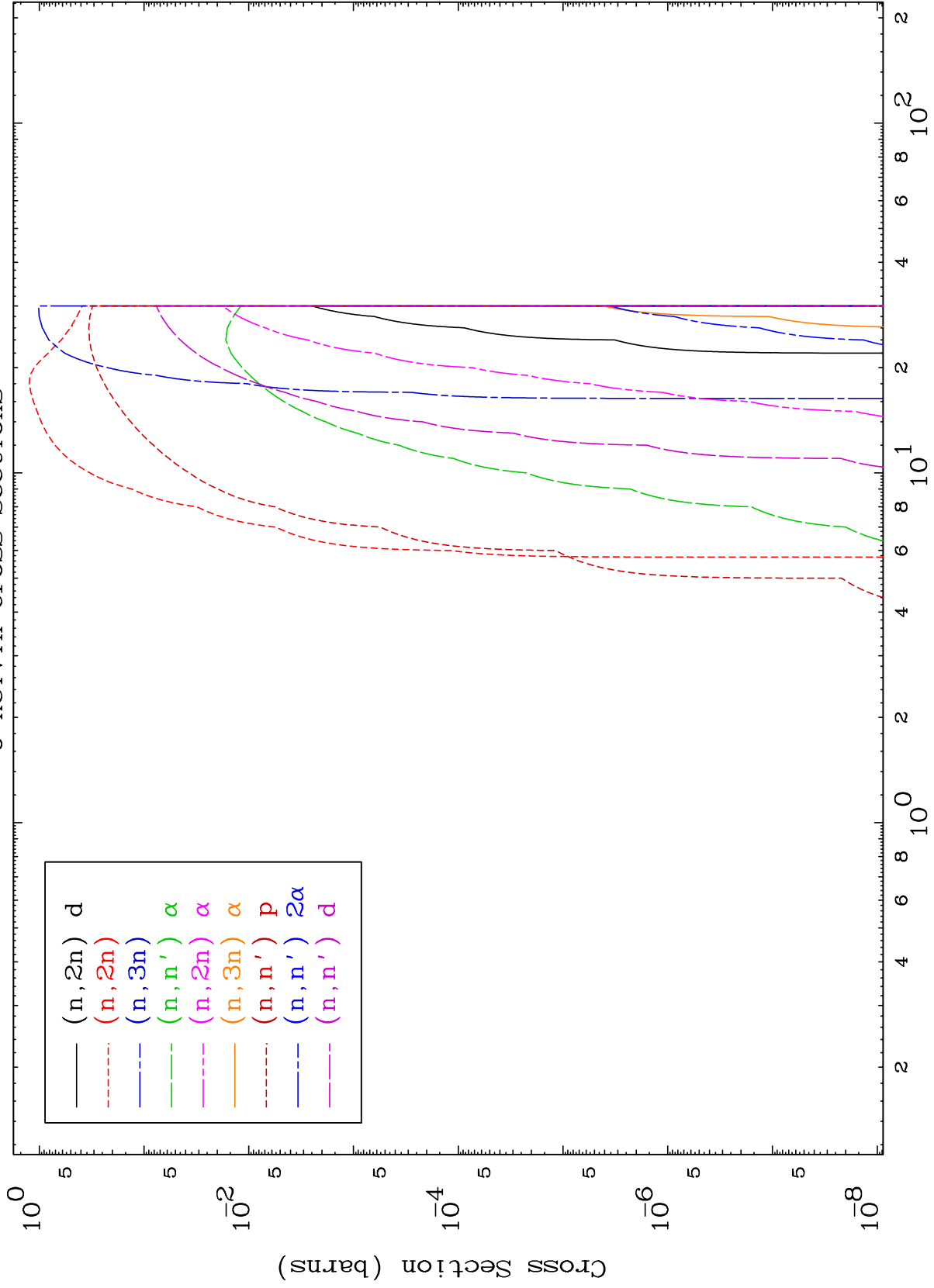
Press Mouse Button to Start

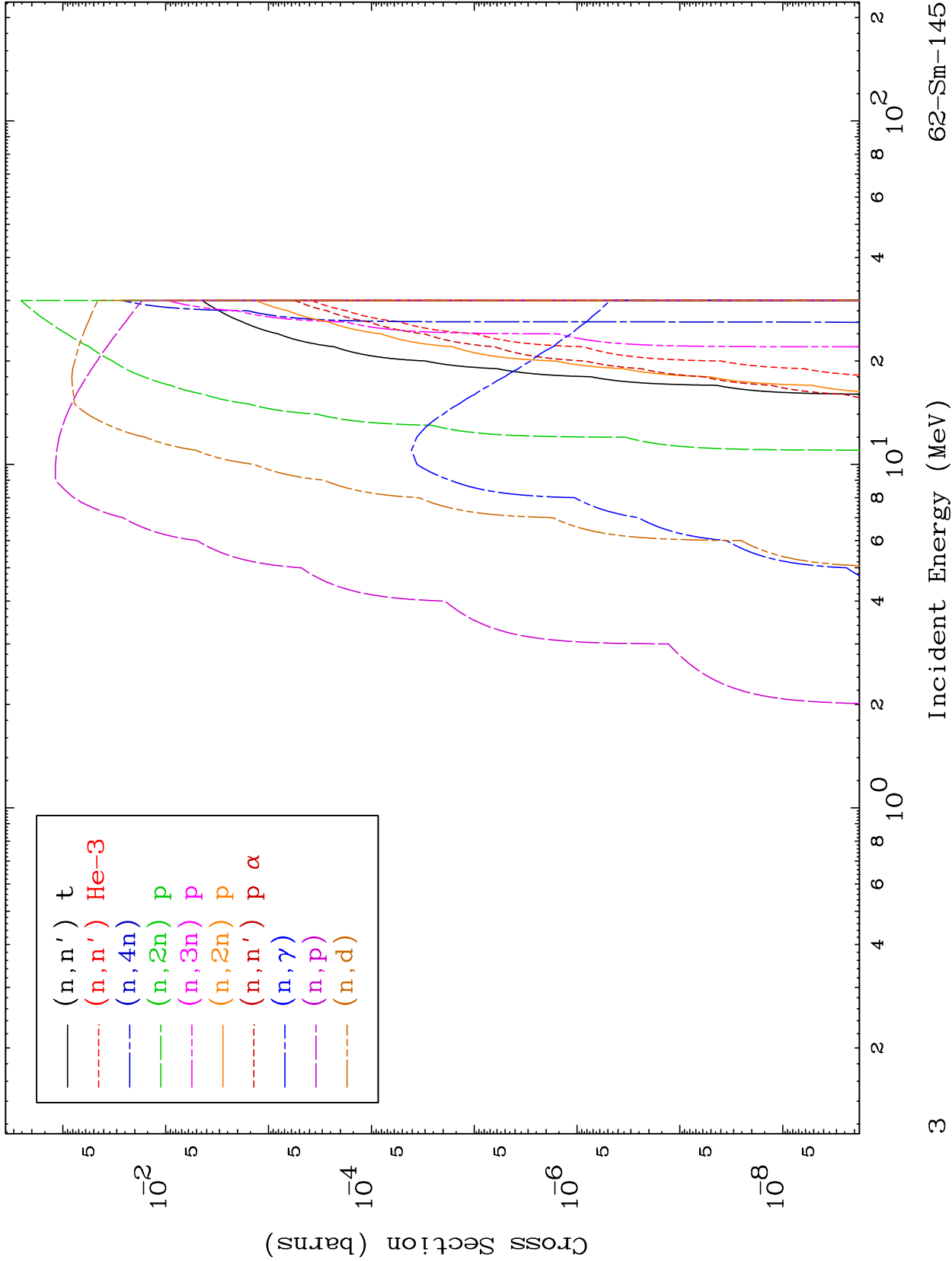


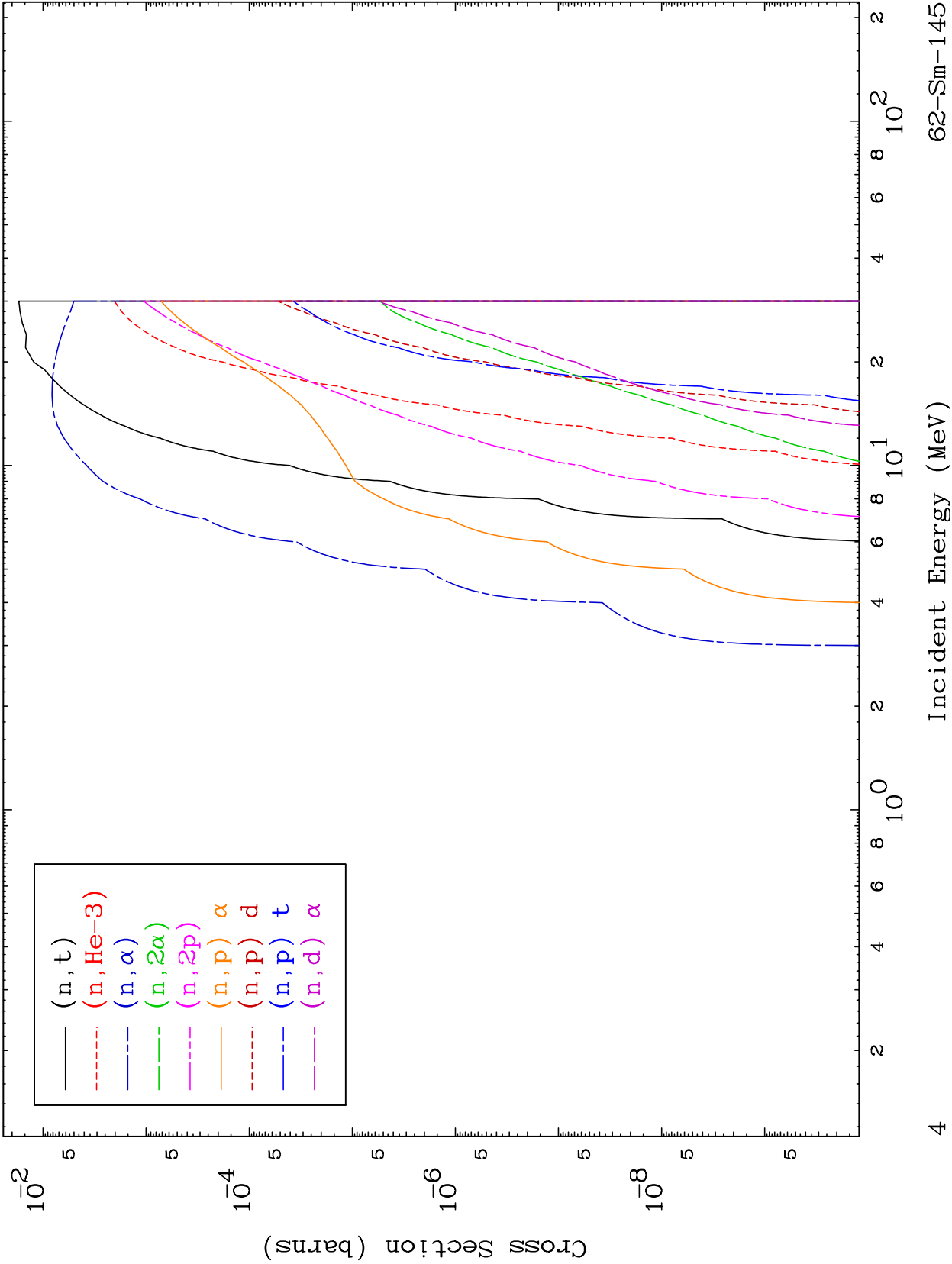
MAT 6228

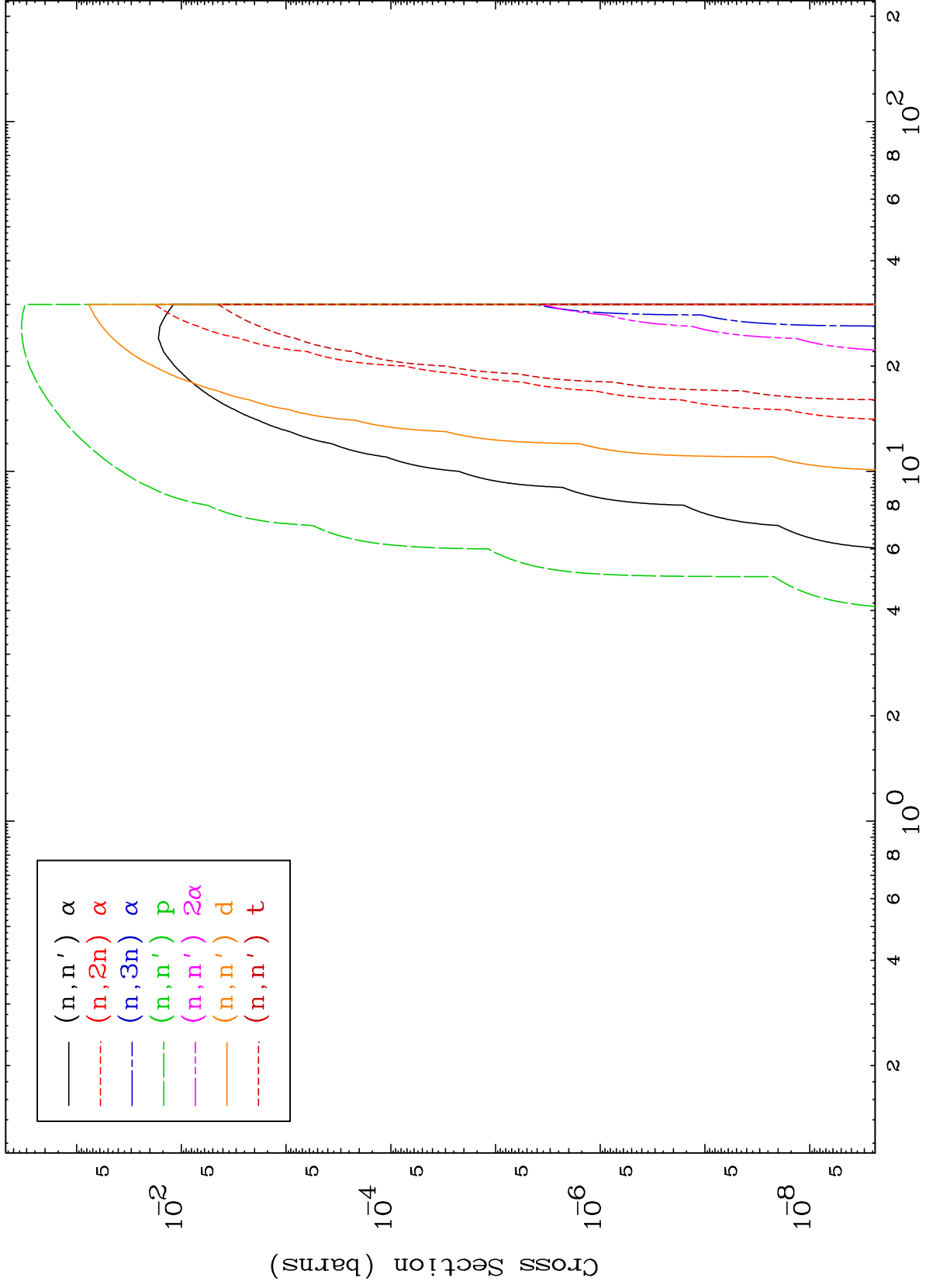
Deuteron Neutron Absorption
0 Kelvin Cross Sections

62-Sm-145





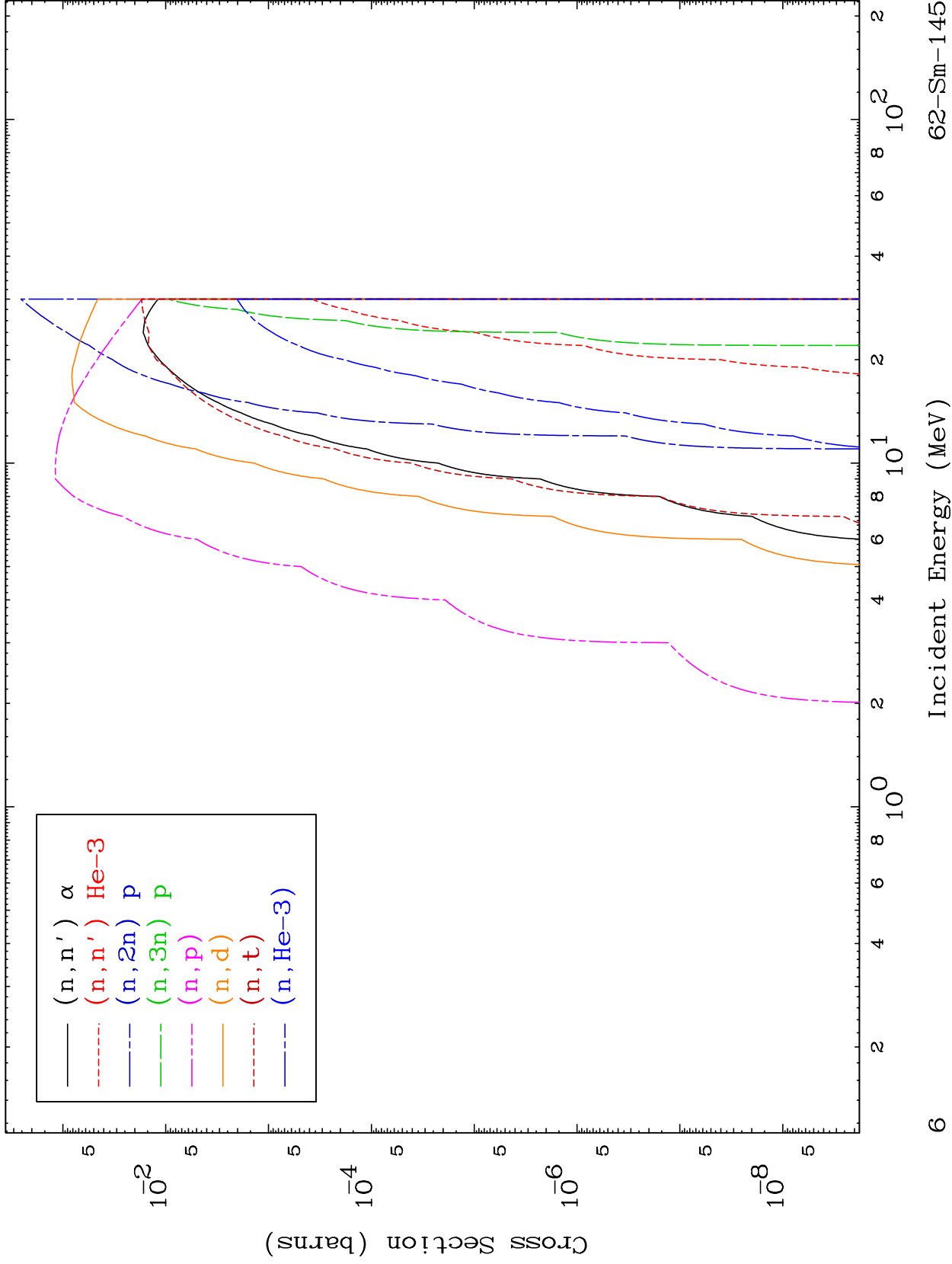


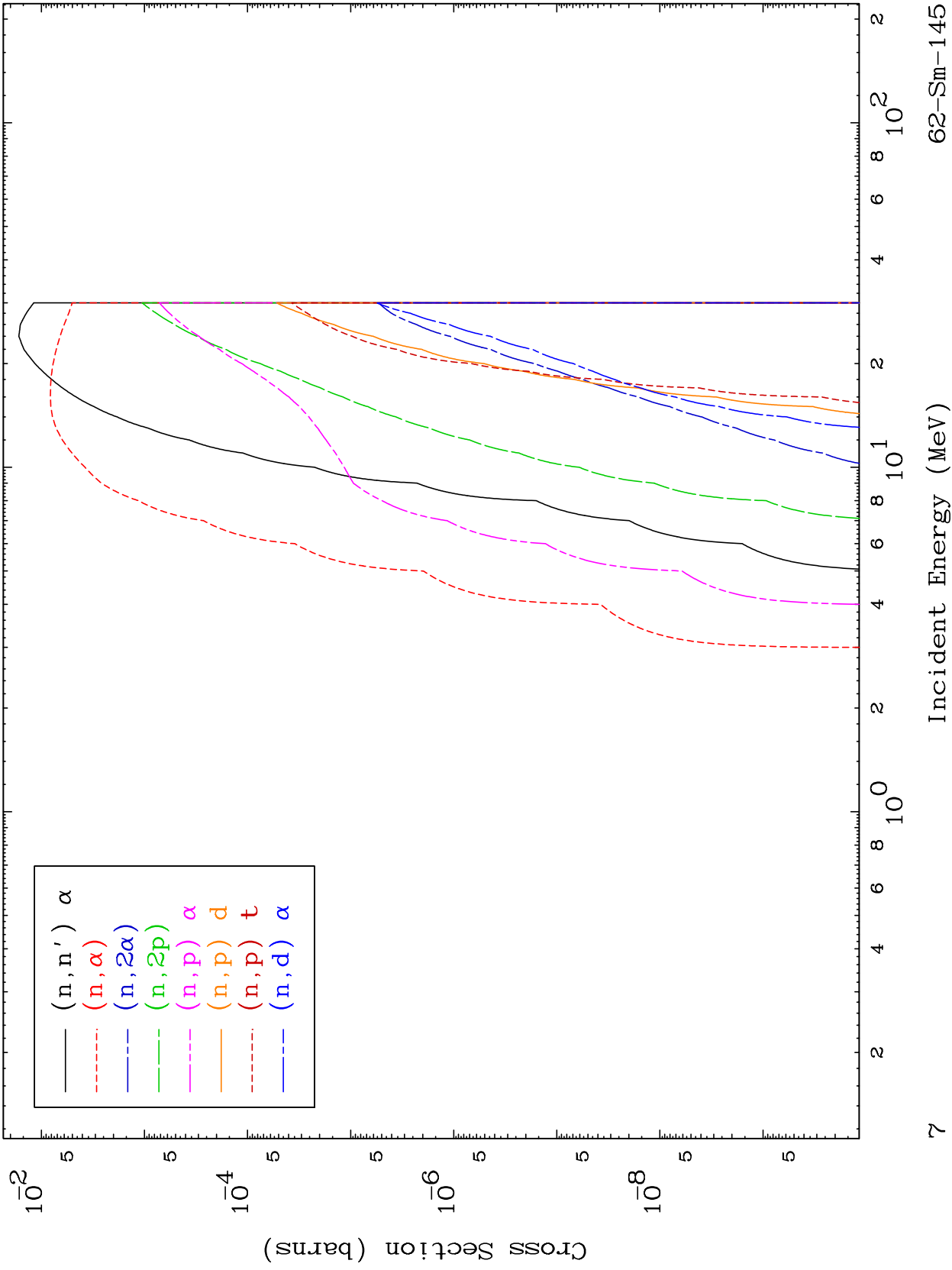


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Deuteron Charged Particle
0 Kelvin Cross Sections

62-Sm-145



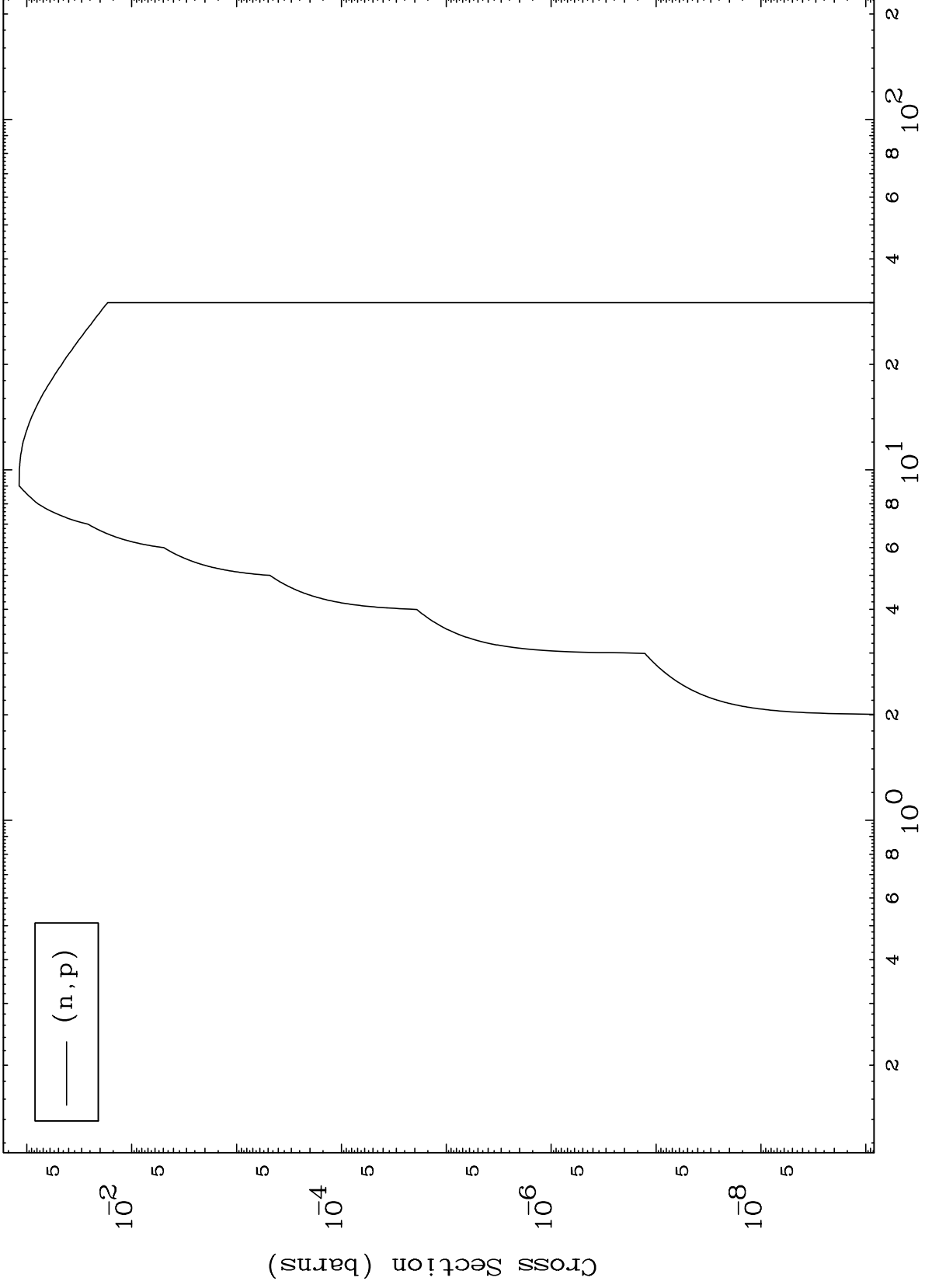


MAT 6228

(d,p) Levels

62-Sm-145

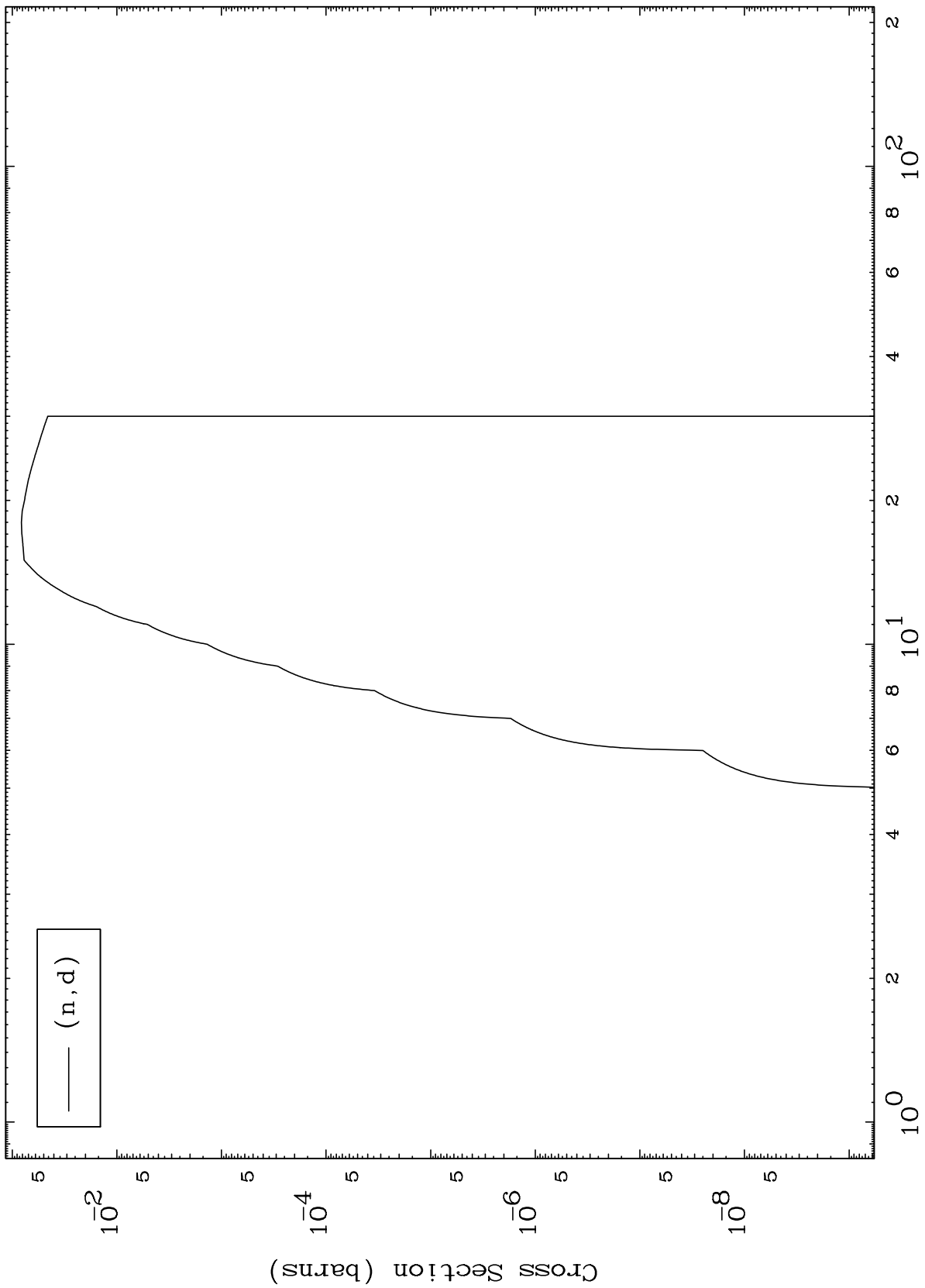
0 Kelvin Cross Sections



MAT 6228

62-Sm-145

(d,d) Levels
0 Kelvin Cross Sections



62-Sm-145

Incident Energy (MeV)

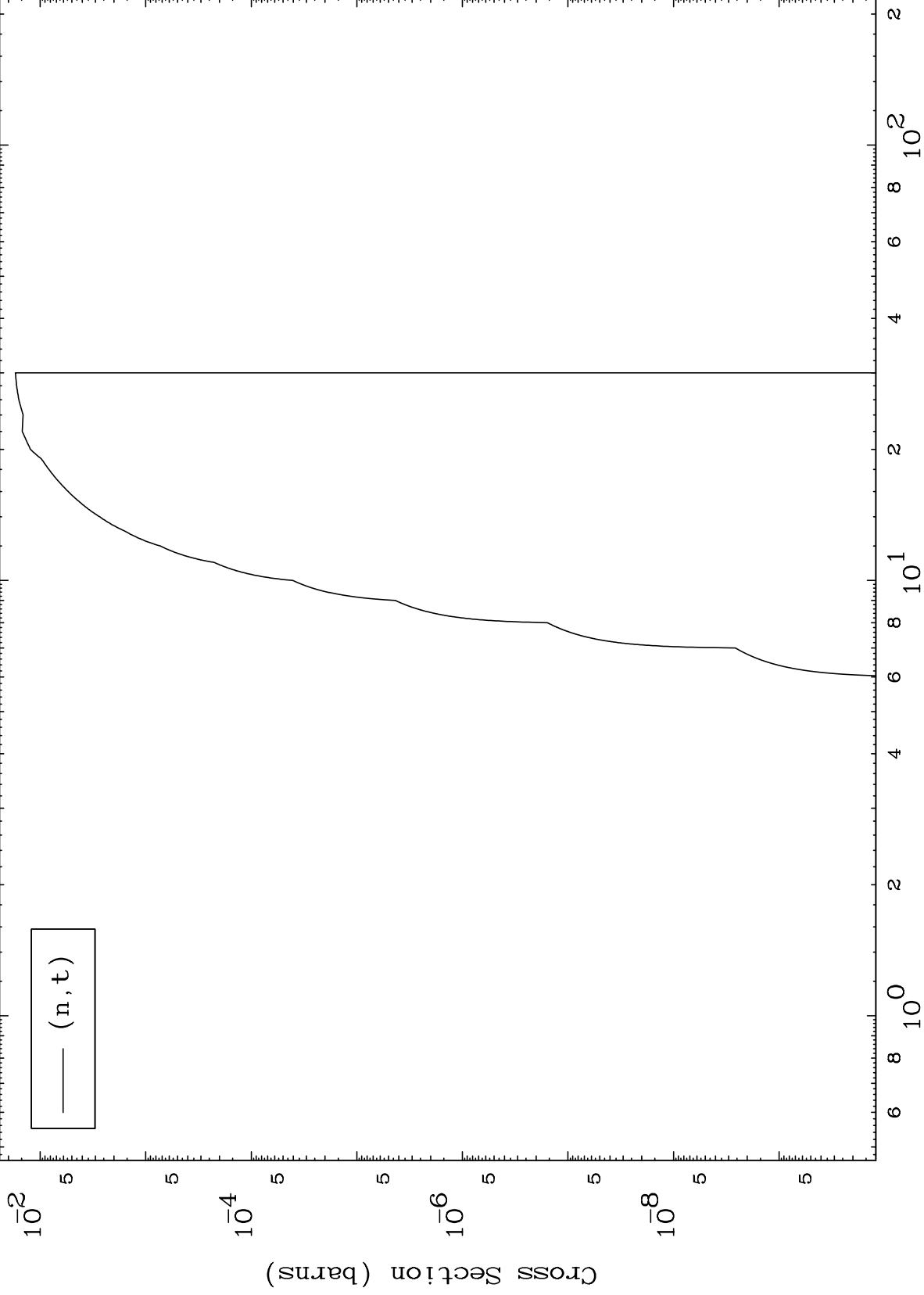
9

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(d, t) Levels

62-Sm-145

0 Kelvin Cross Sections



10

Incident Energy (MeV)

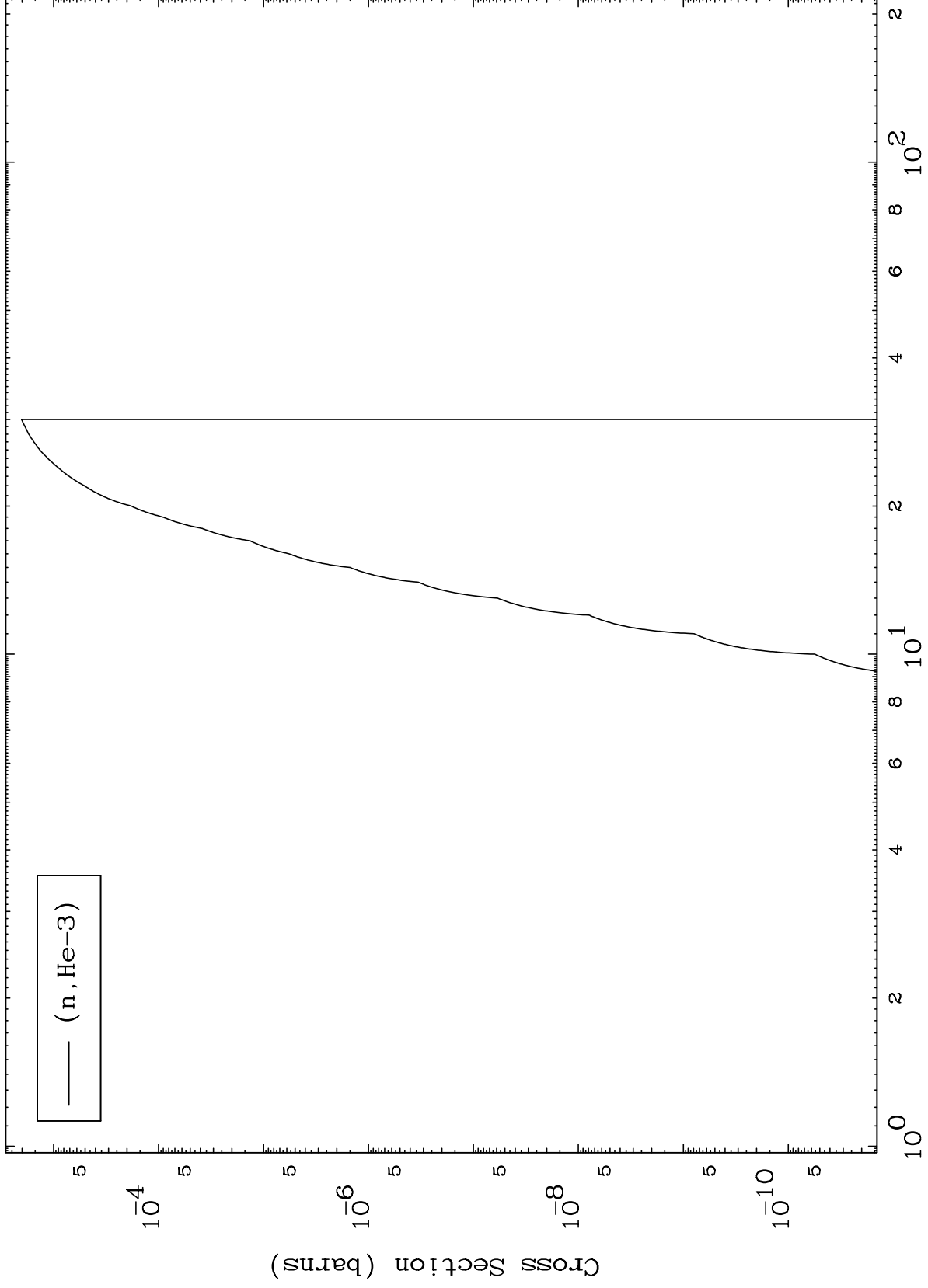
62-Sm-145

MAT 6228

(d,He3) Levels

62-Sm-145

0 Kelvin Cross Sections



11

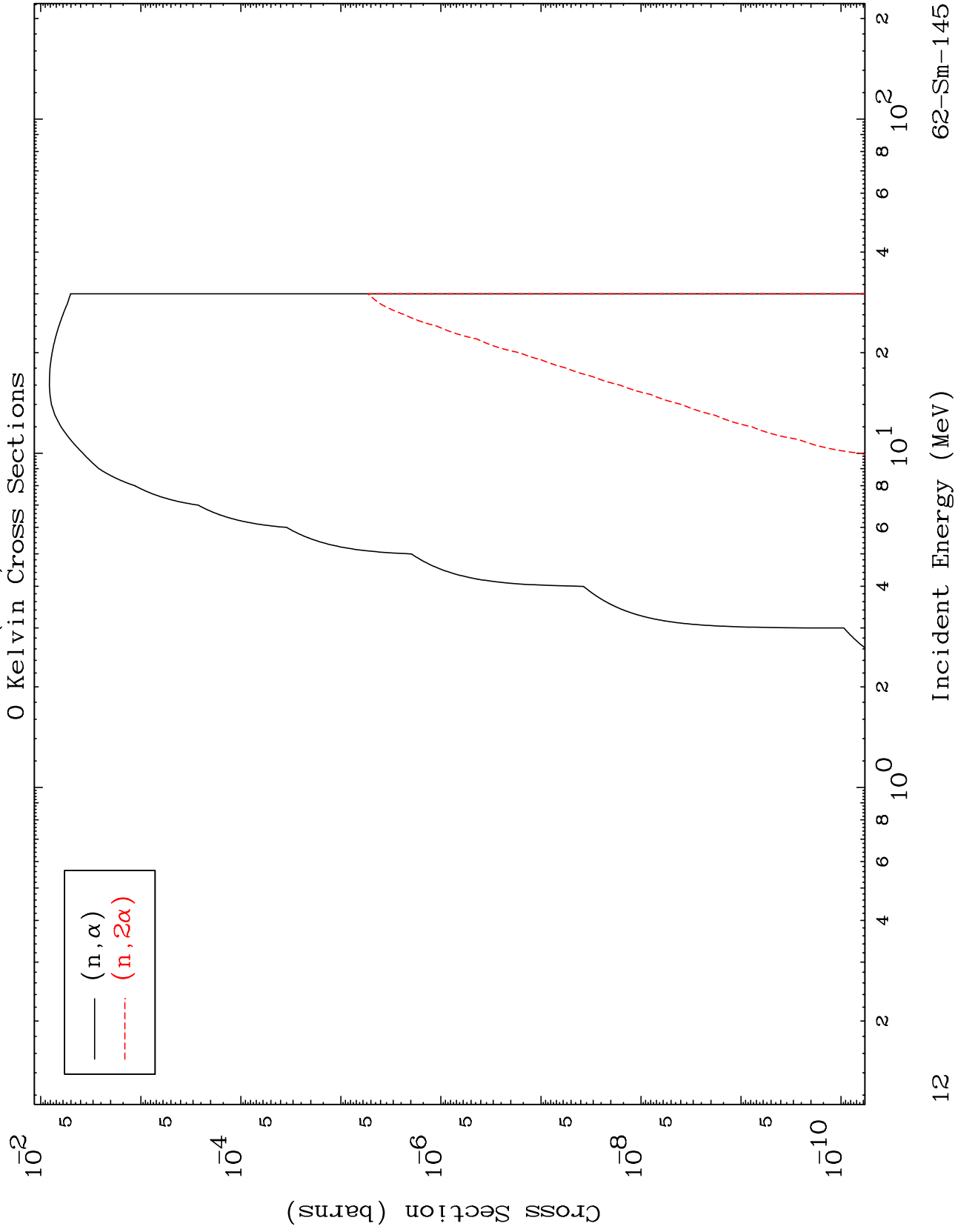
Incident Energy (MeV)

62-Sm-145

MAT 6228

(d, α) Levels

62-Sm-145



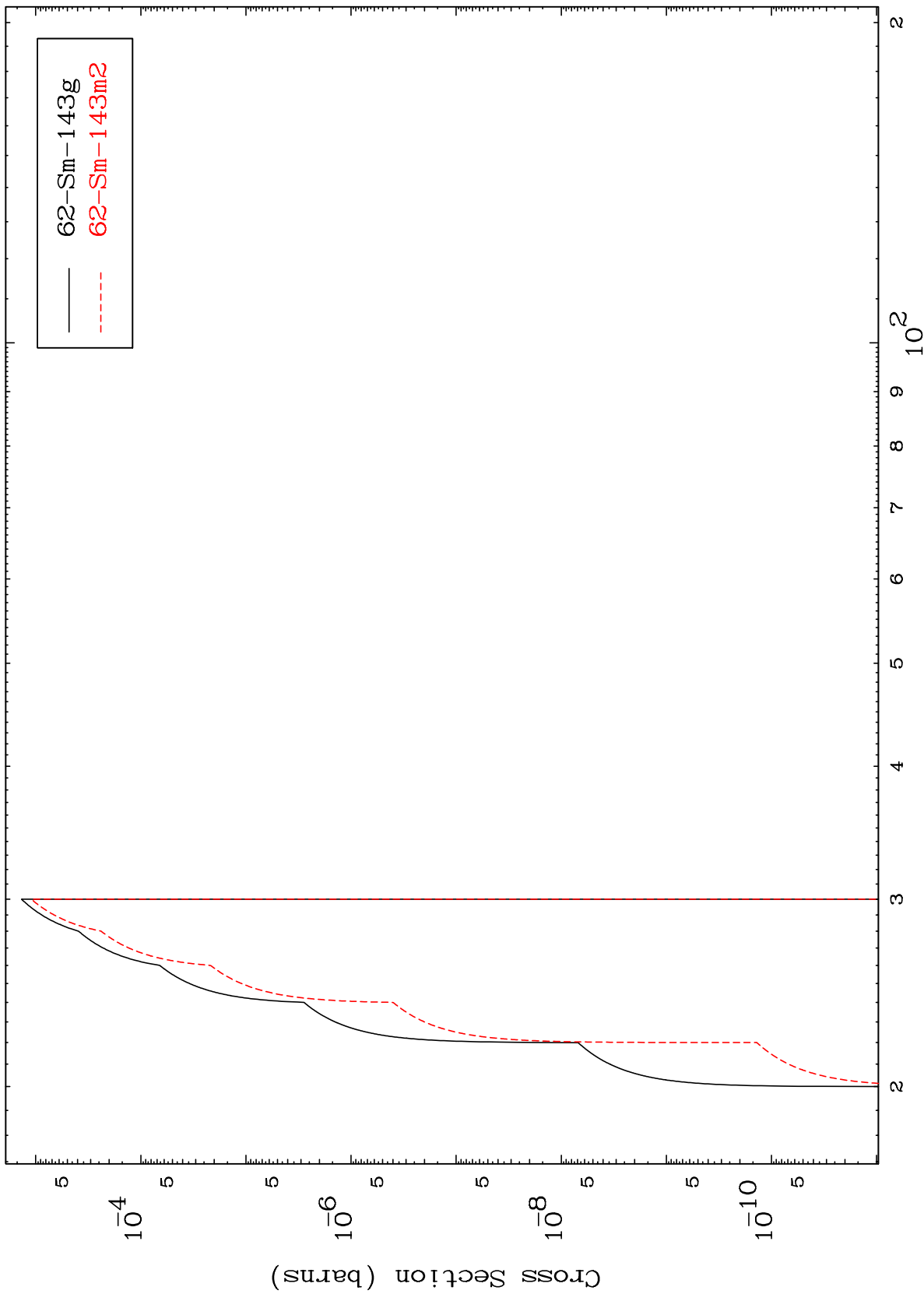
12

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(n,2n) d

62-Sm-145

Radionuclide Production Cross Section



13

Incident Energy (MeV)

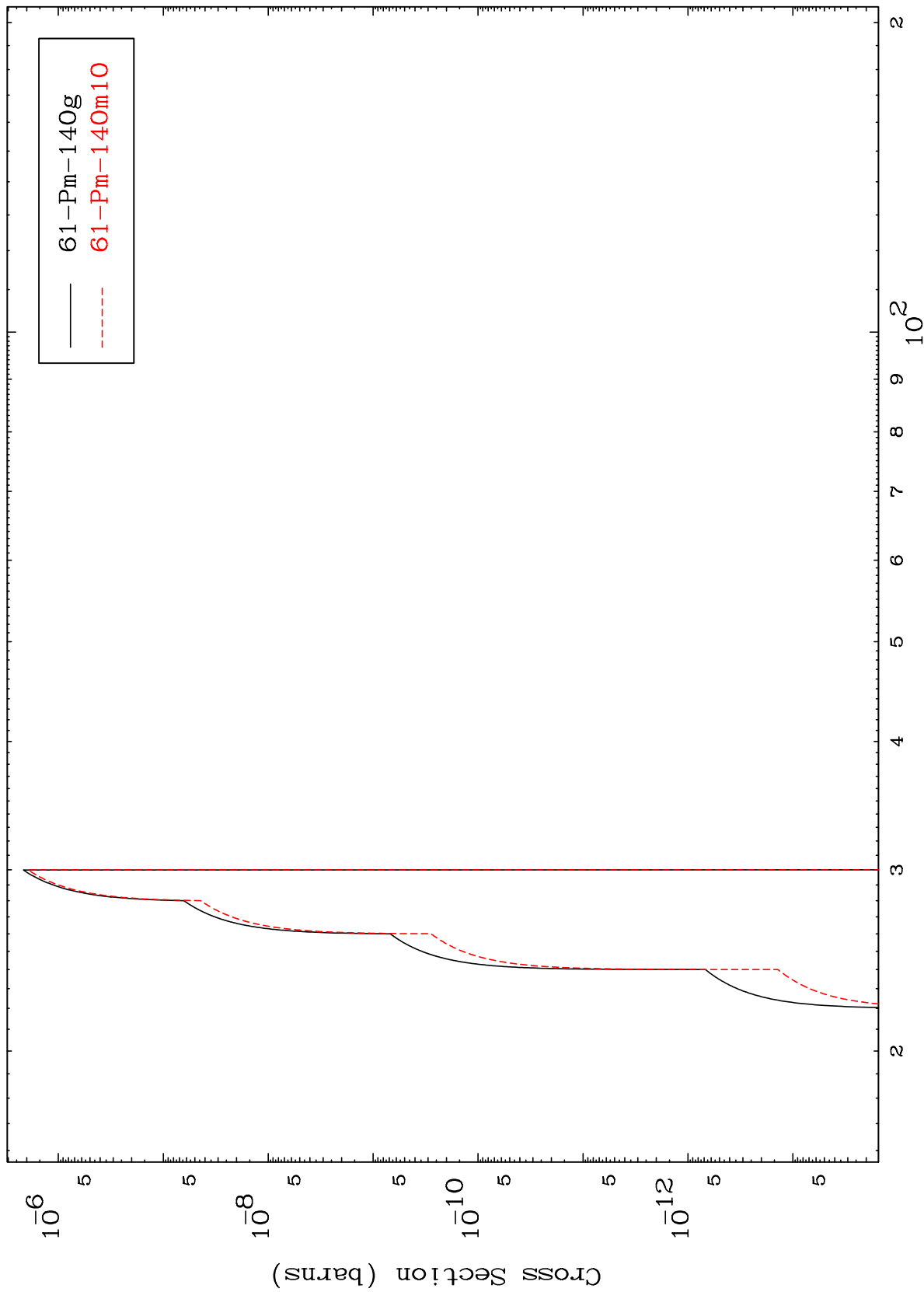
62-Sm-145

MAT 6228

(n,3n) α

62-Sm-145

Radionuclide Production Cross Section



14

Incident Energy (MeV)

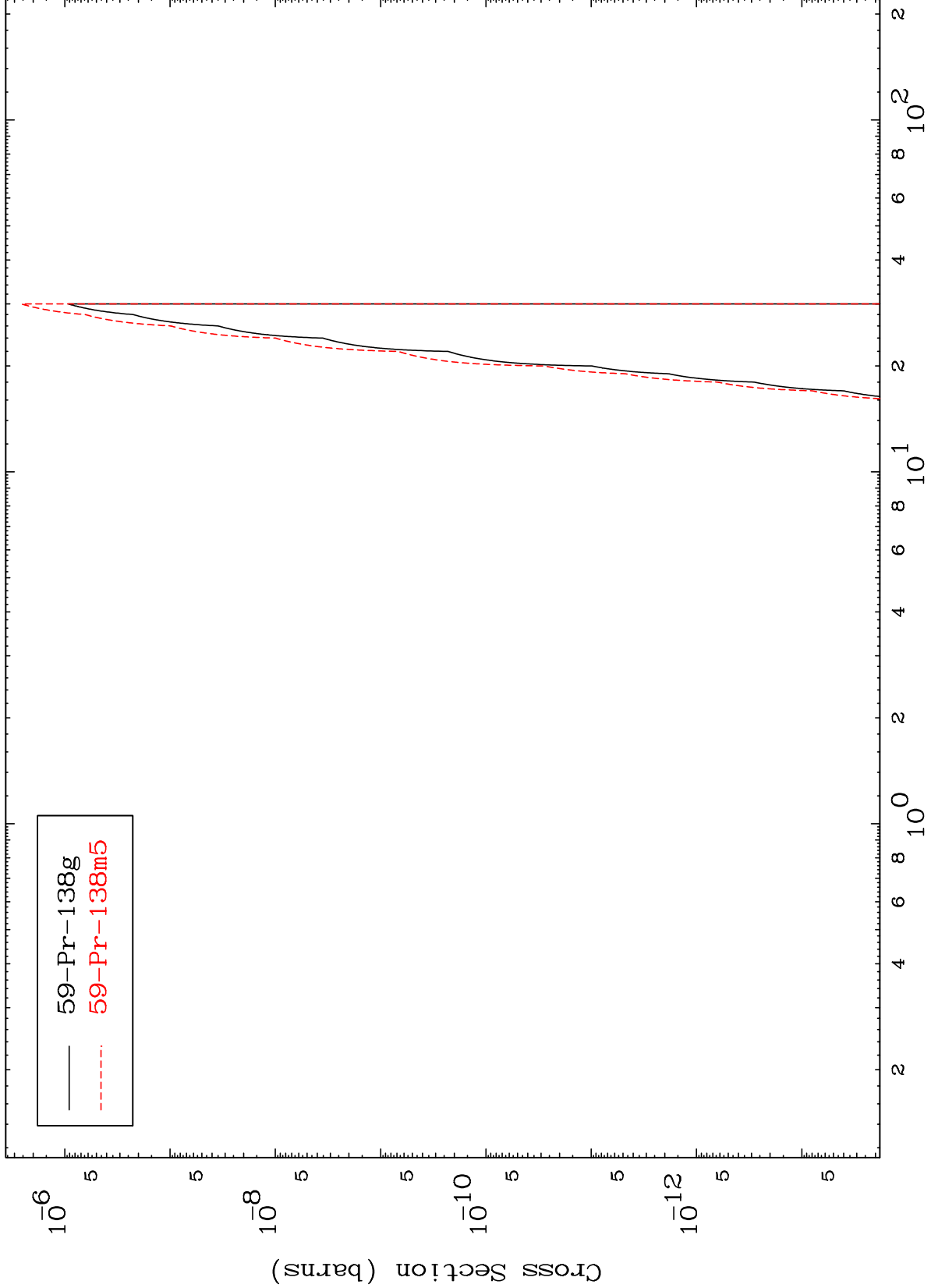
62-Sm-145

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(n,n') 2 α

62-Sm-145

Radionuclide Production Cross Section



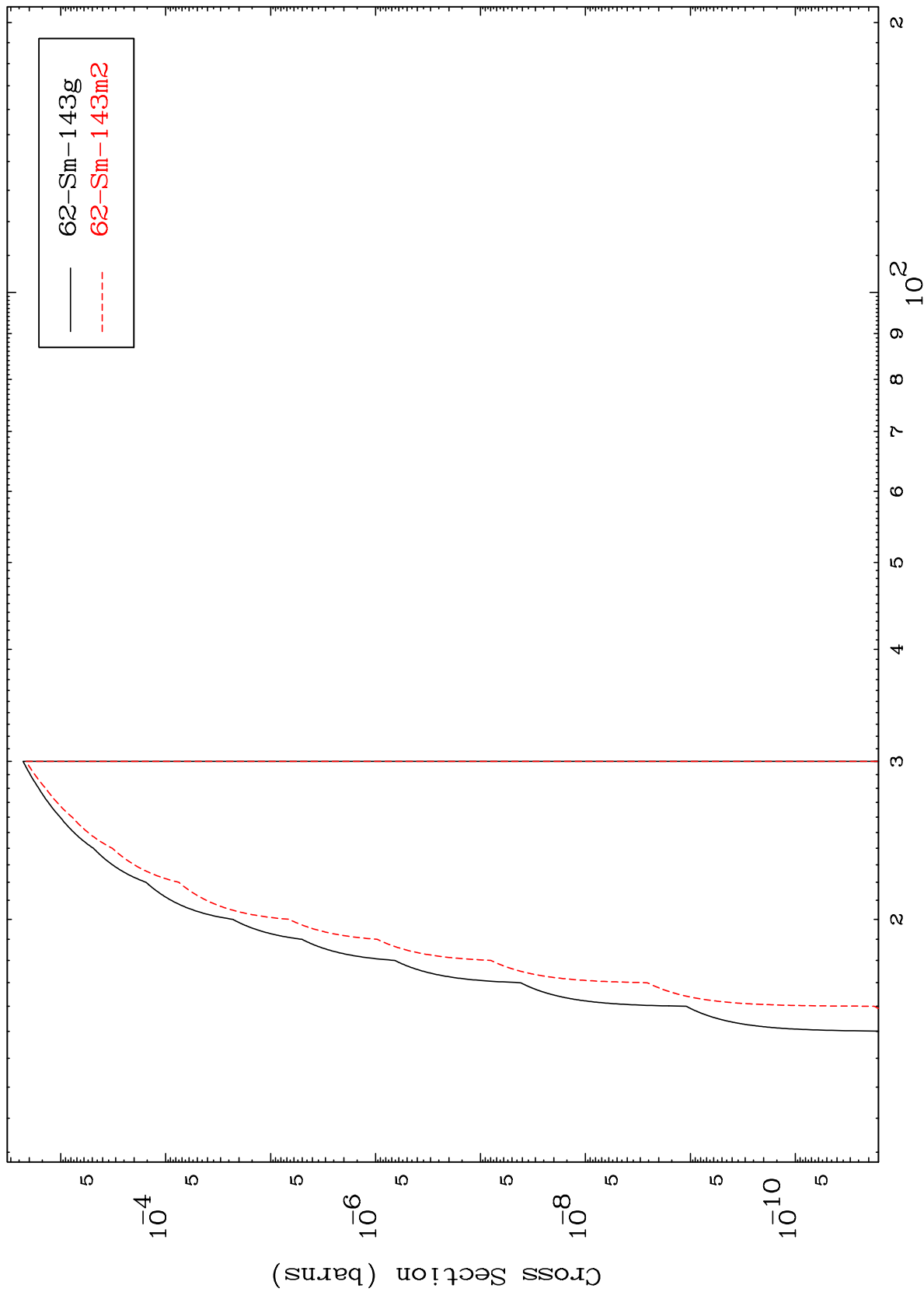
— 59-Pr-138g
- - - 59-Pr-138m5

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(n,n') t

62-Sm-145

Radionuclide Production Cross Section



16

Incident Energy (MeV)

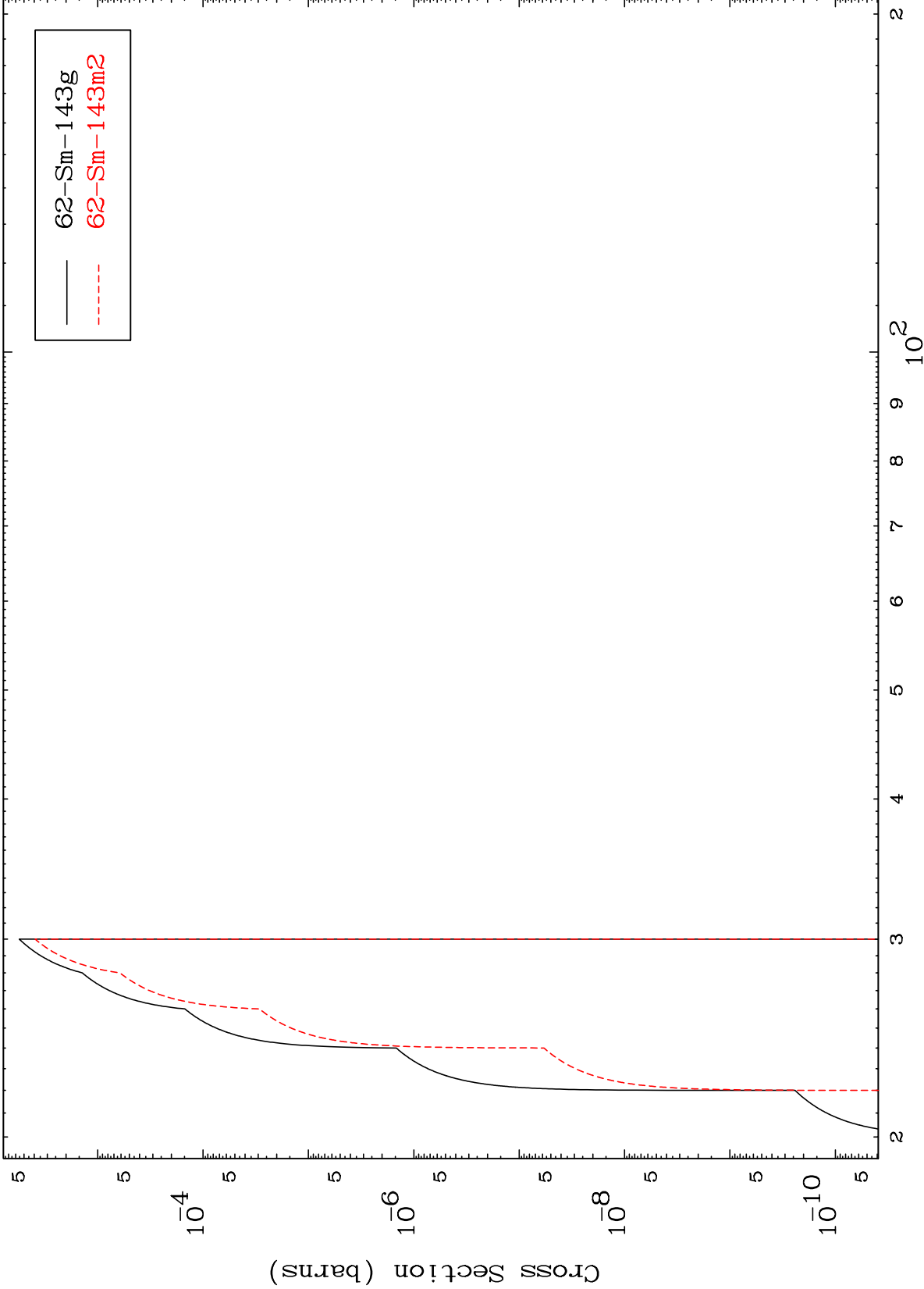
62-Sm-145

MAT 6228

(n,3n) p

62-Sm-145

Radionuclide Production Cross Section



17

Incident Energy (MeV)

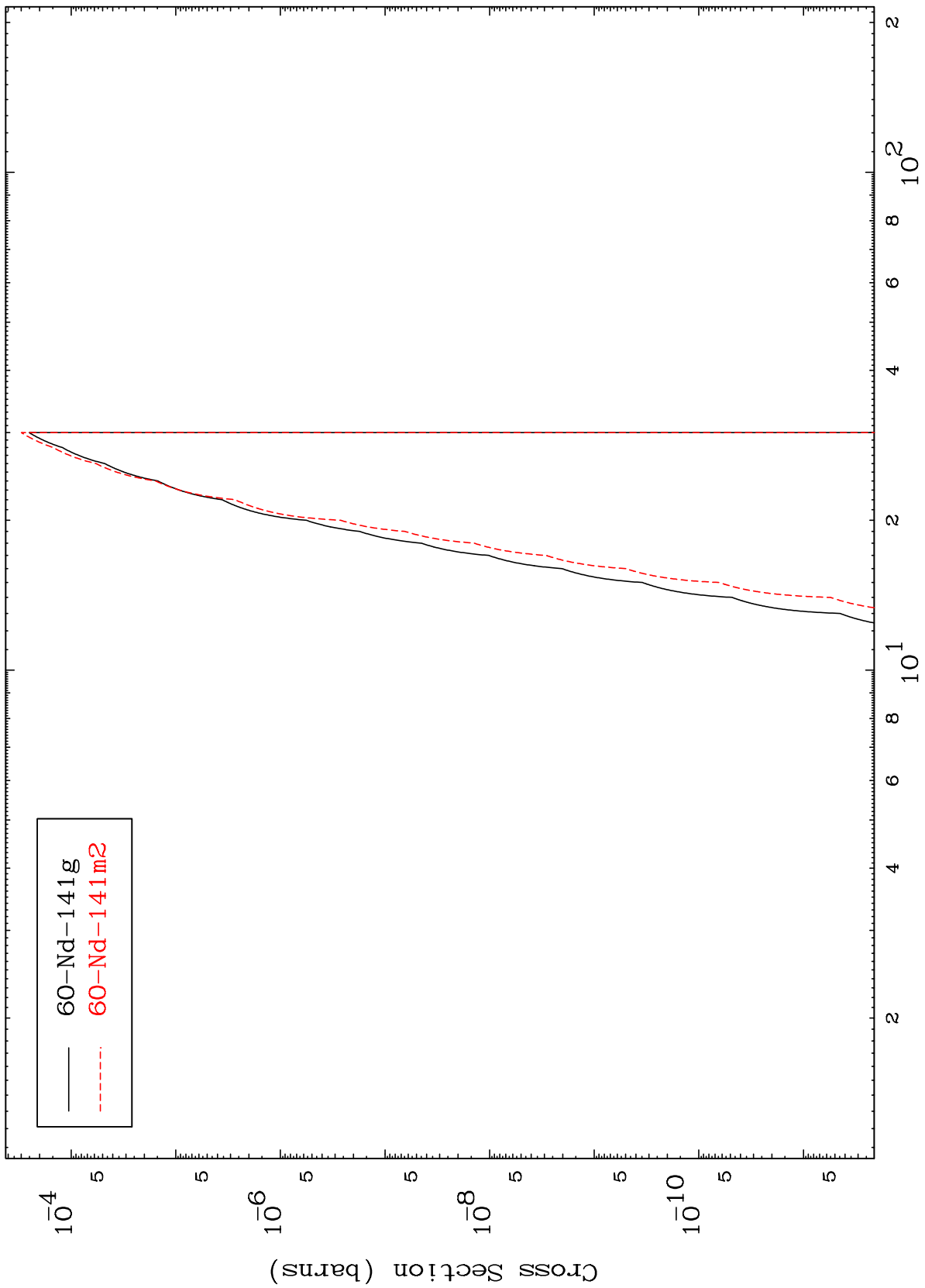
62-Sm-145

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(n,n') p α

62-Sm-145

Radionuclide Production Cross Section



60-Nd-141g
60-Nd-141m2

MAT 6228

(n,d) α

62-Sm-145

Radionuclide Production Cross Section

