

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

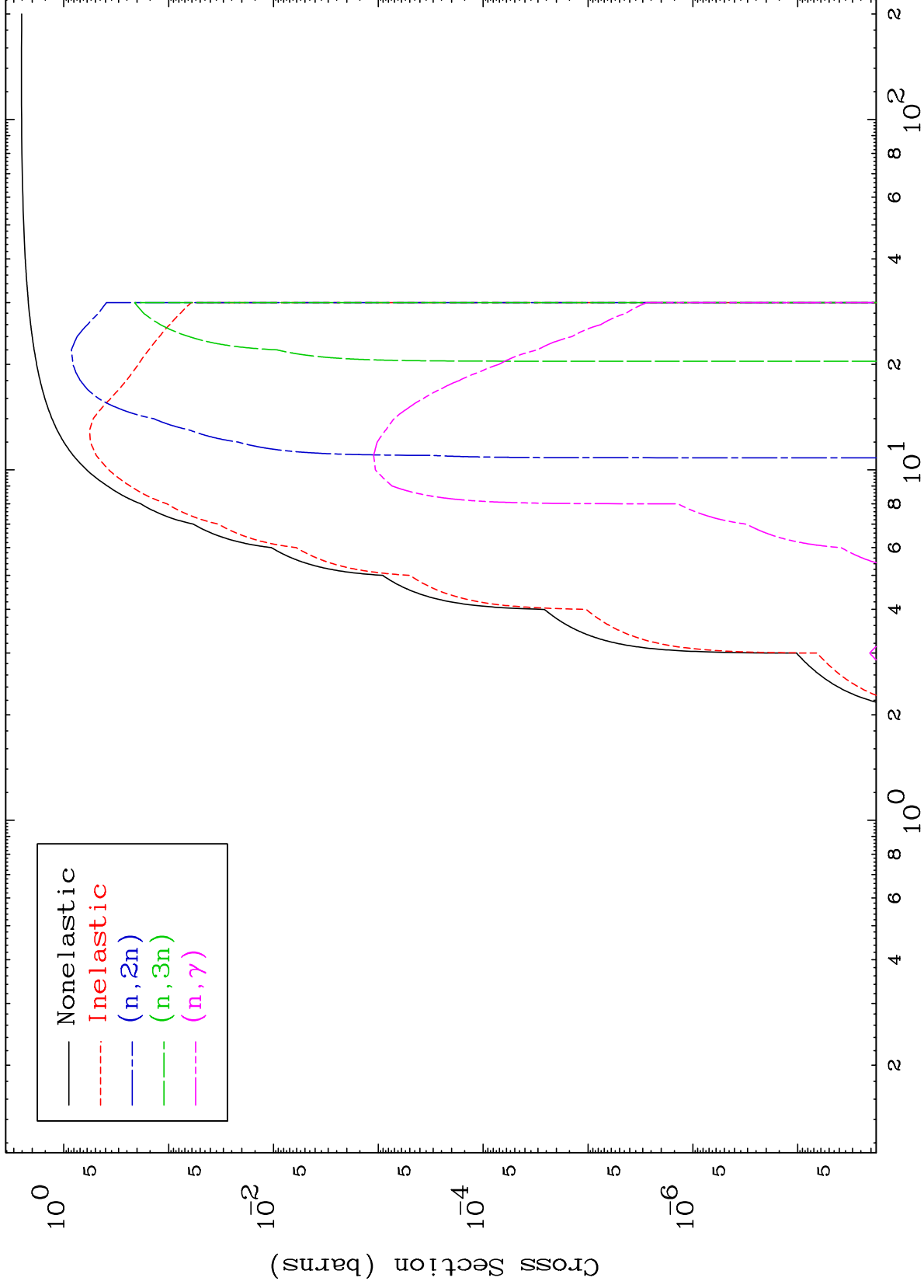
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

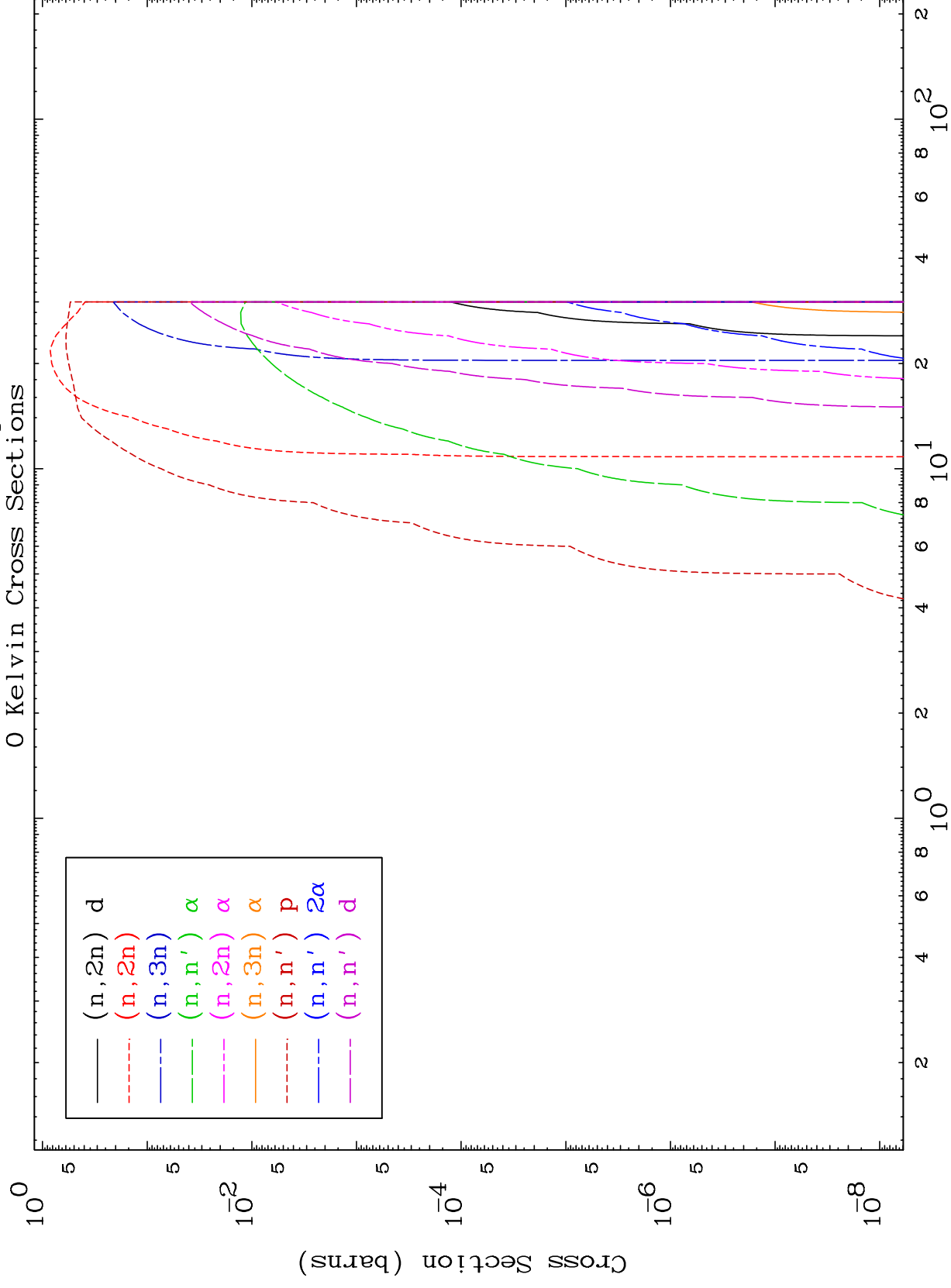
Tele: 925-443-1911

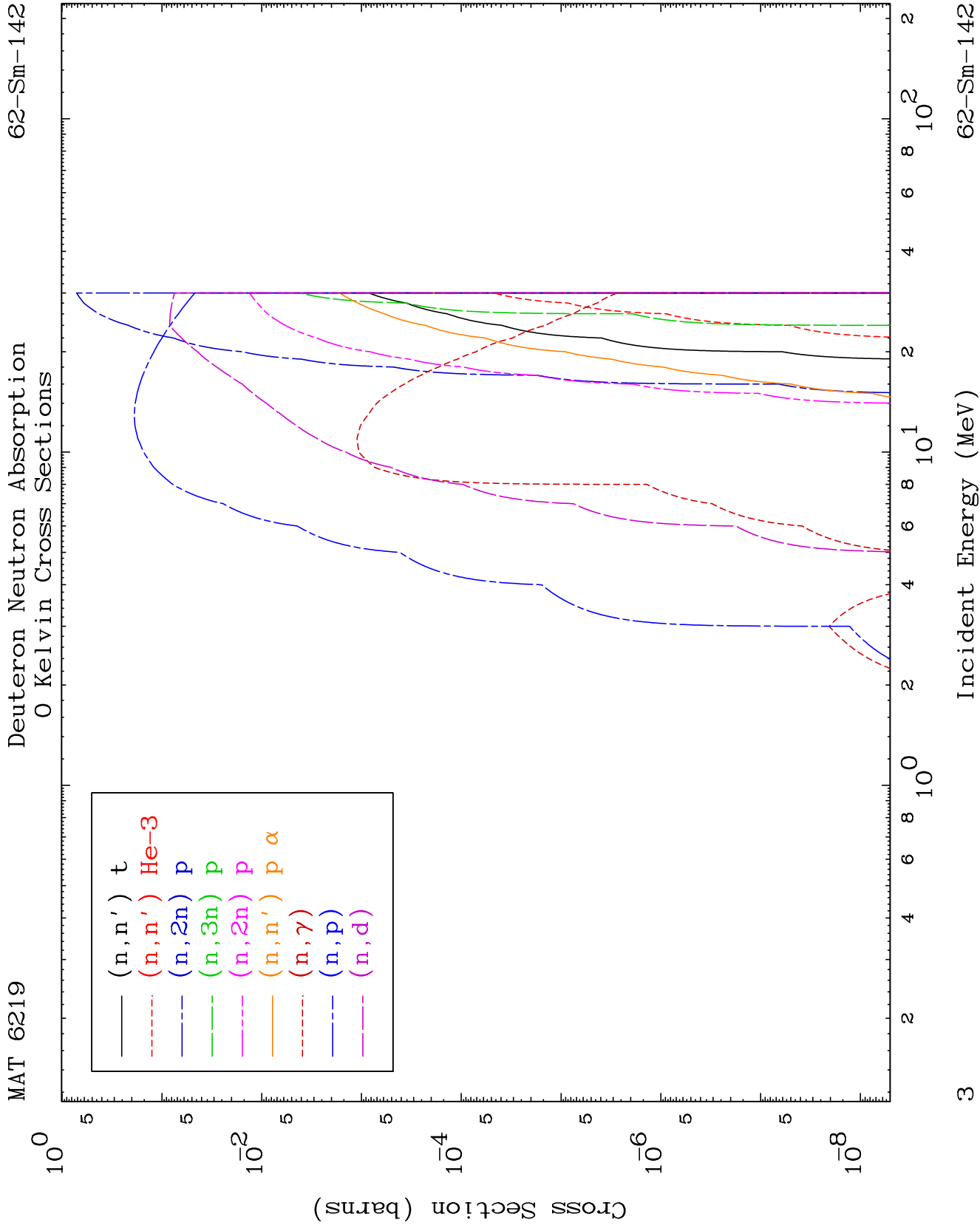
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

0 Kelvin Cross Sections



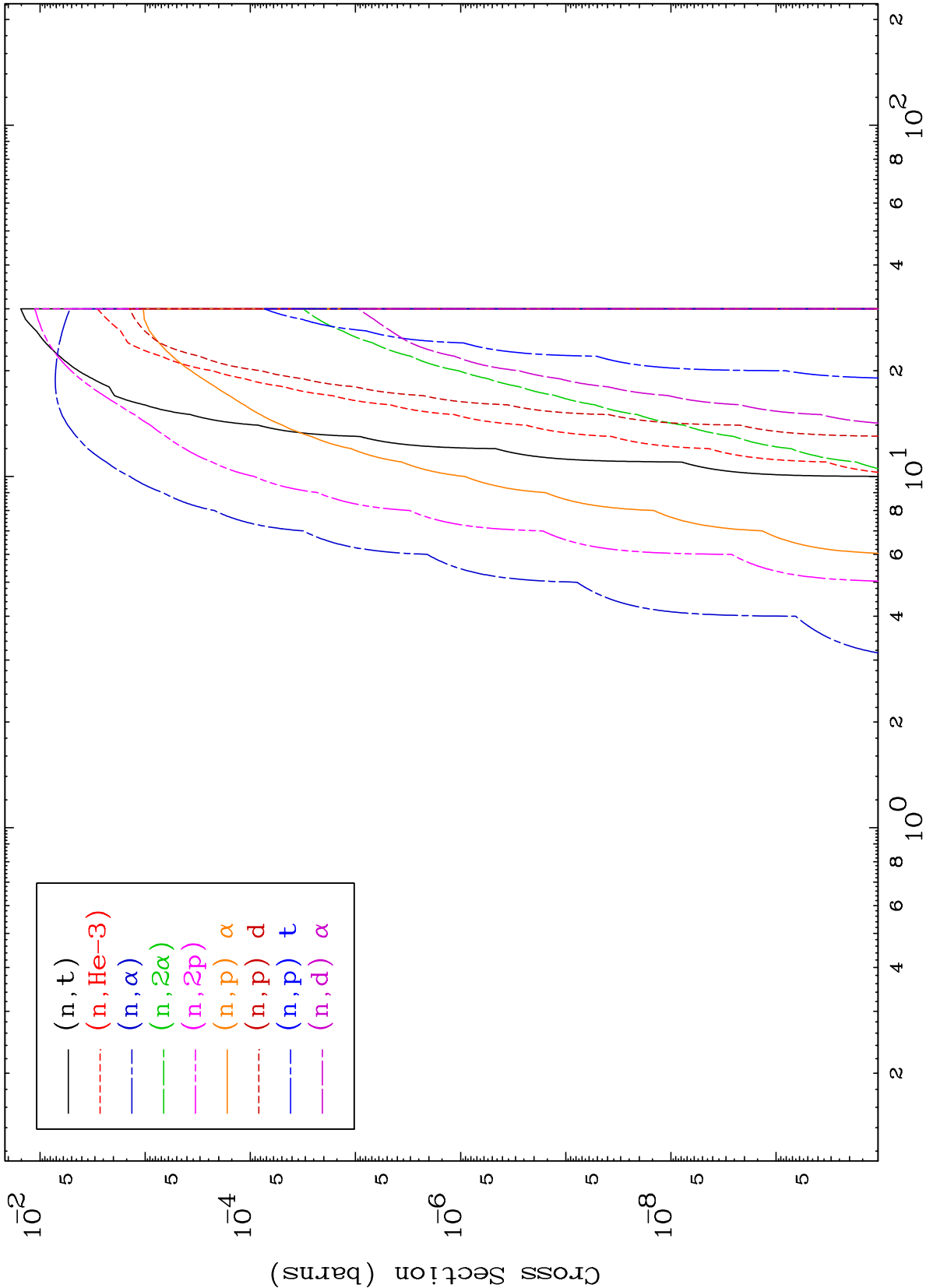


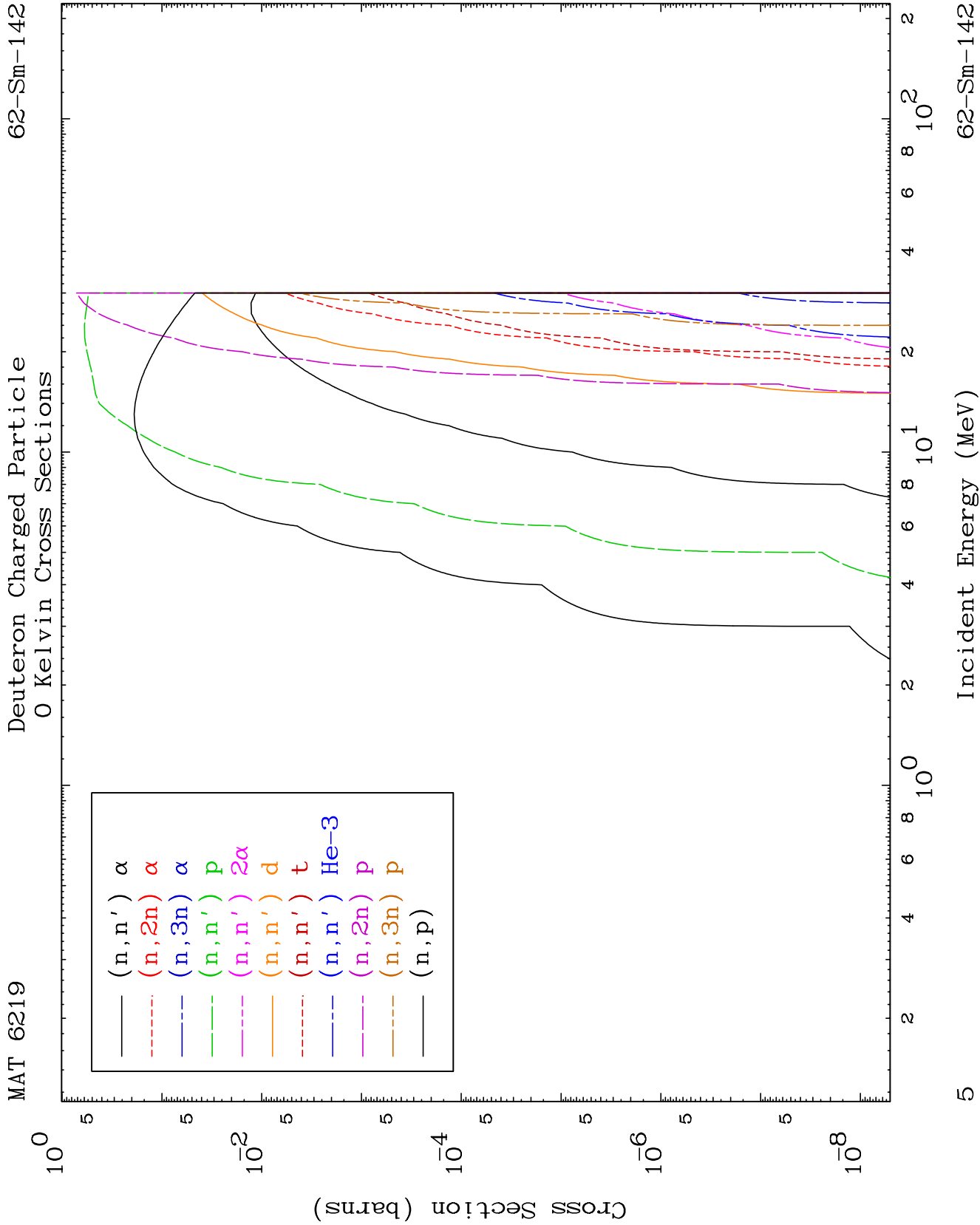


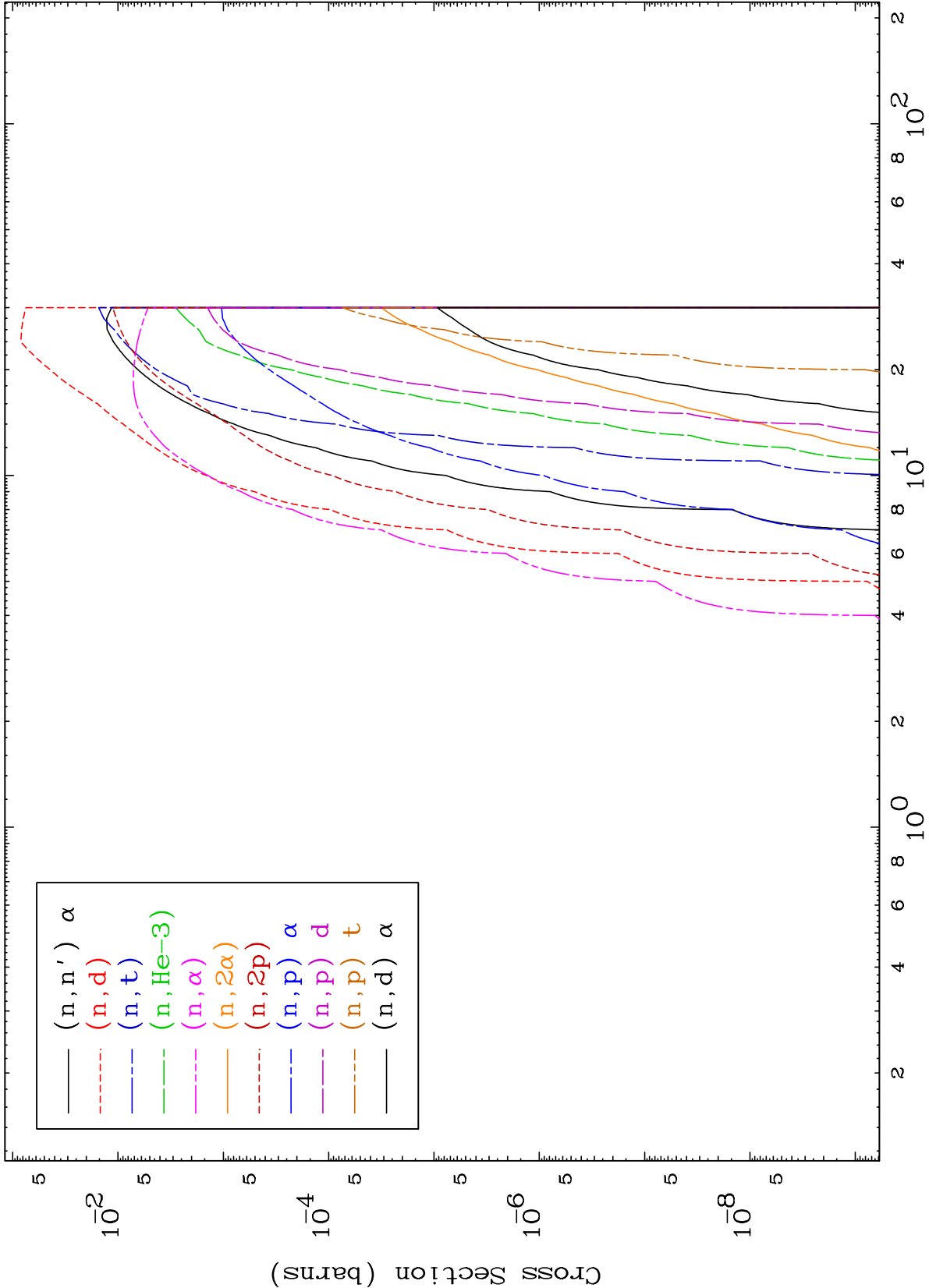
MAT 6219

Deuteron Neutron Absorption
0 Kelvin Cross Sections

62-Sm-142



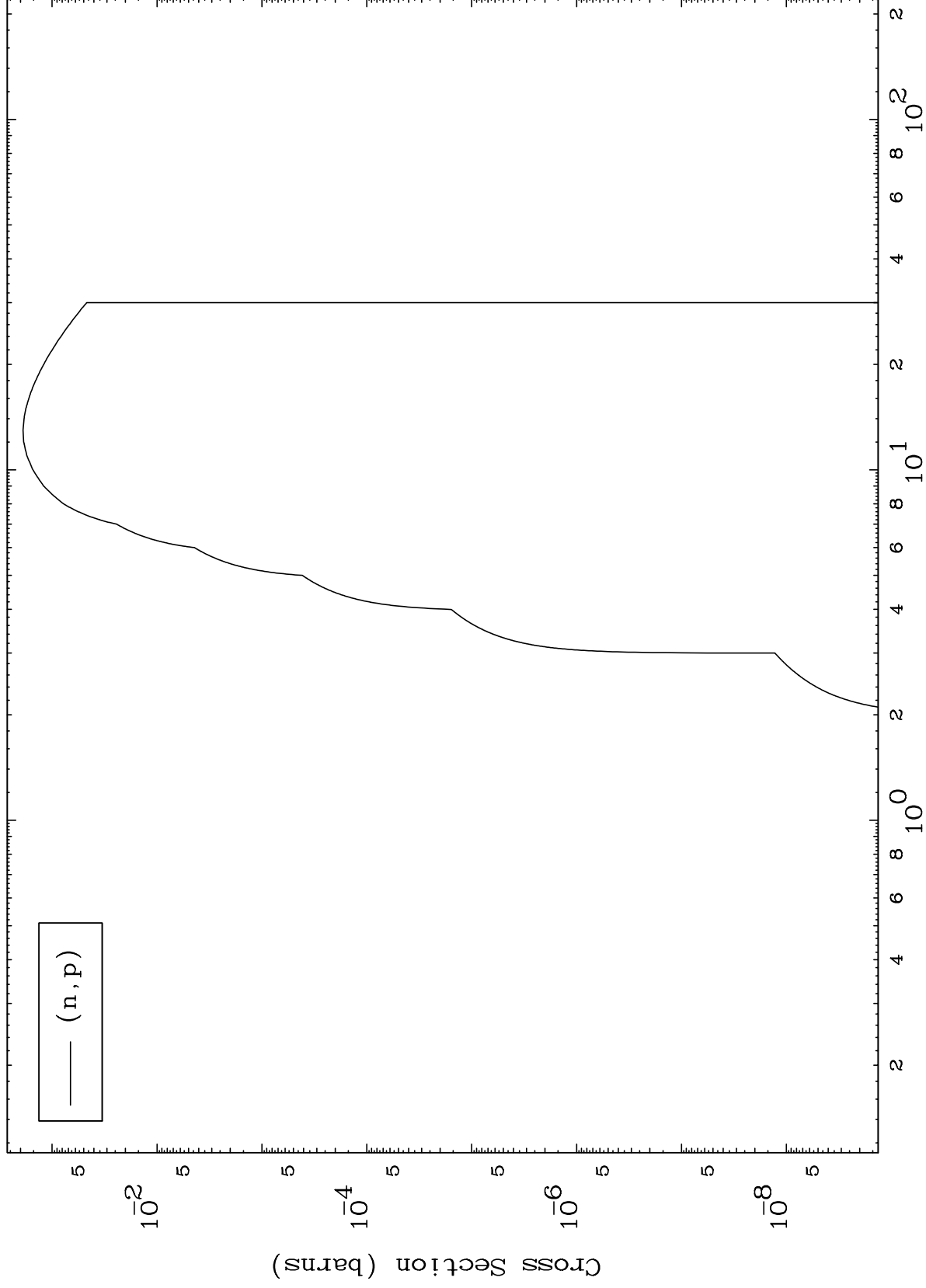




MAT 6219

62-Sm-142

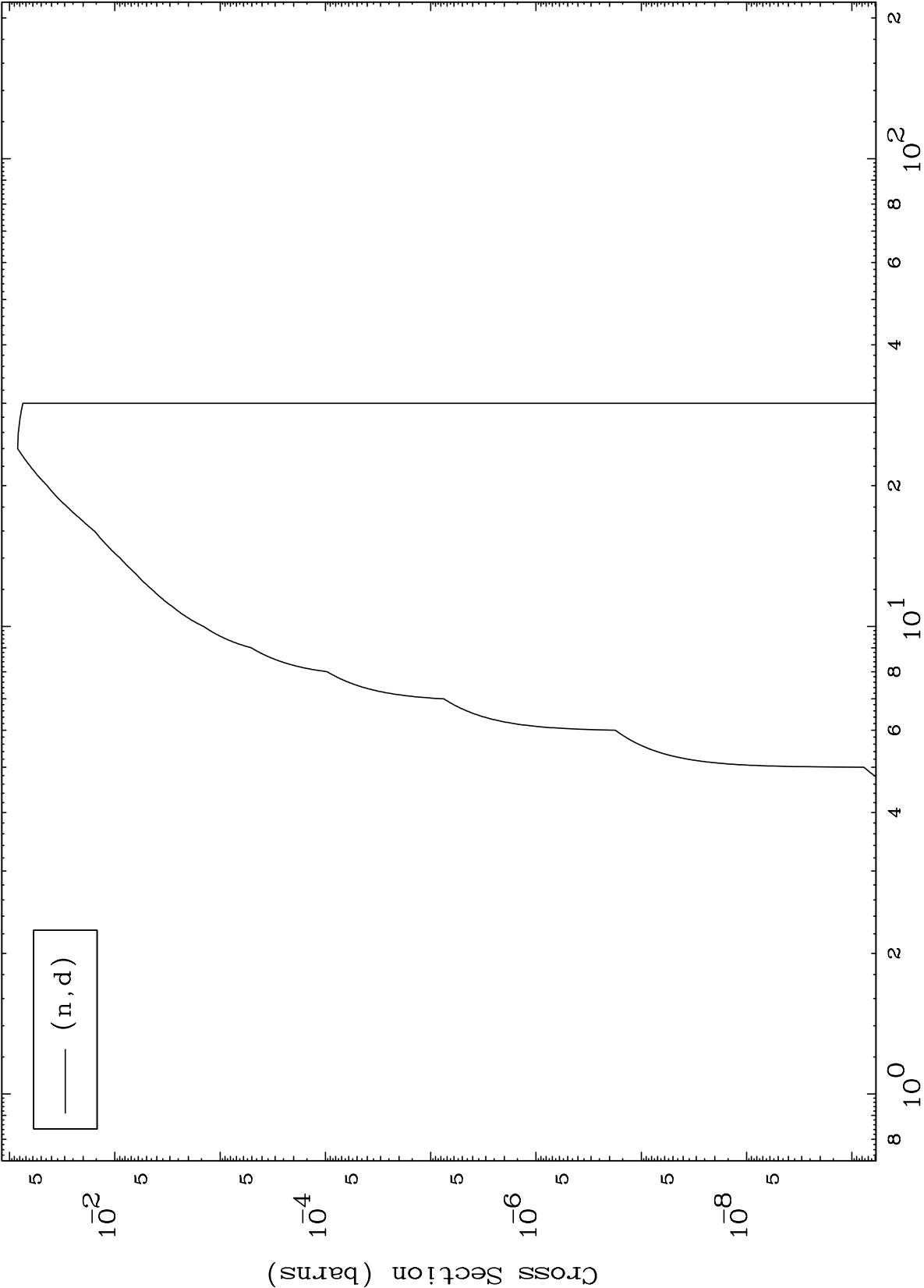
(d,p) Levels
0 Kelvin Cross Sections



MAT 6219

62-Sm-142

(d,d) Levels
0 Kelvin Cross Sections



62-Sm-142

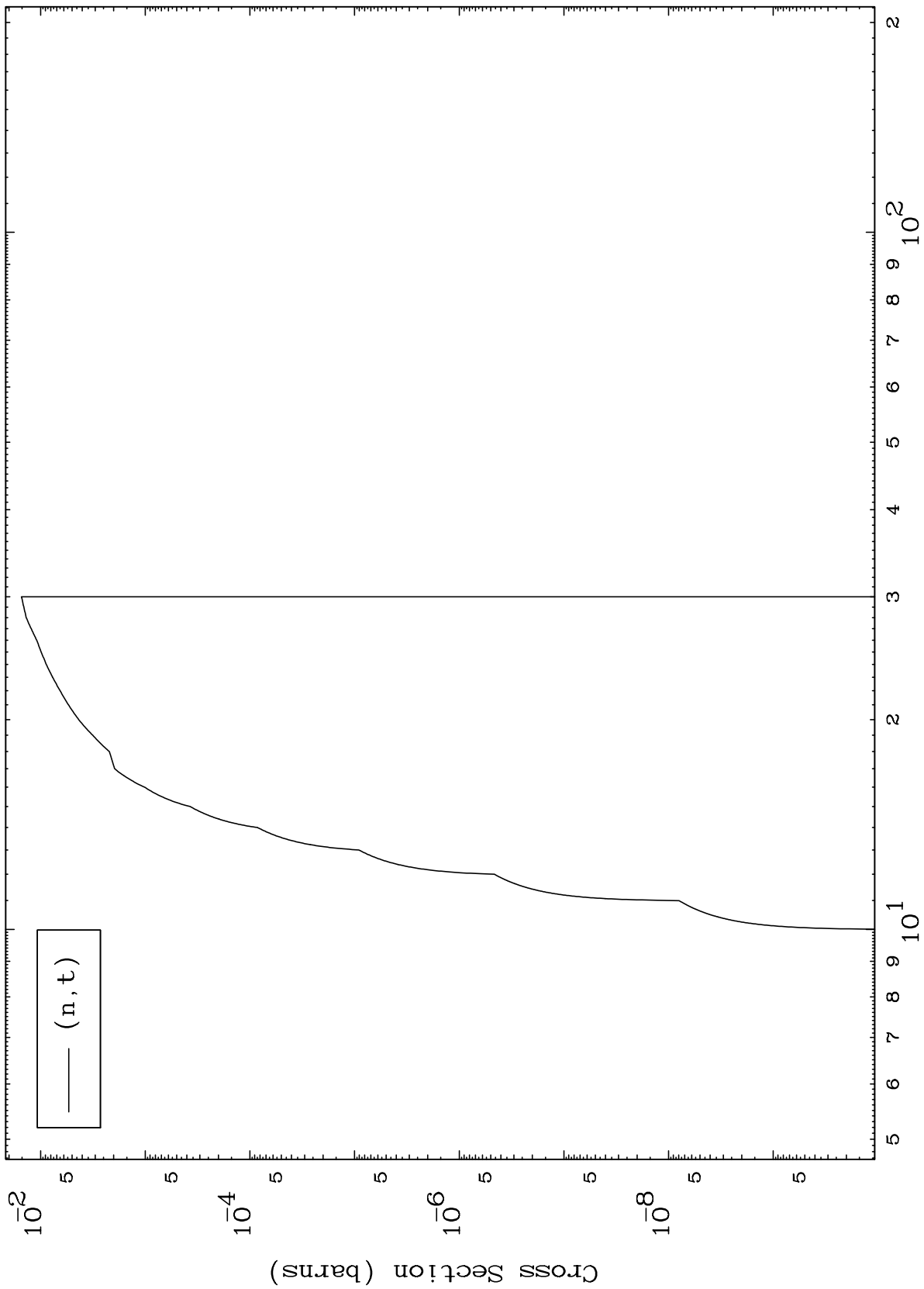
Incident Energy (MeV)

8

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62-Sm-142

(d,t) Levels
0 Kelvin Cross Sections



— (n,t)

9

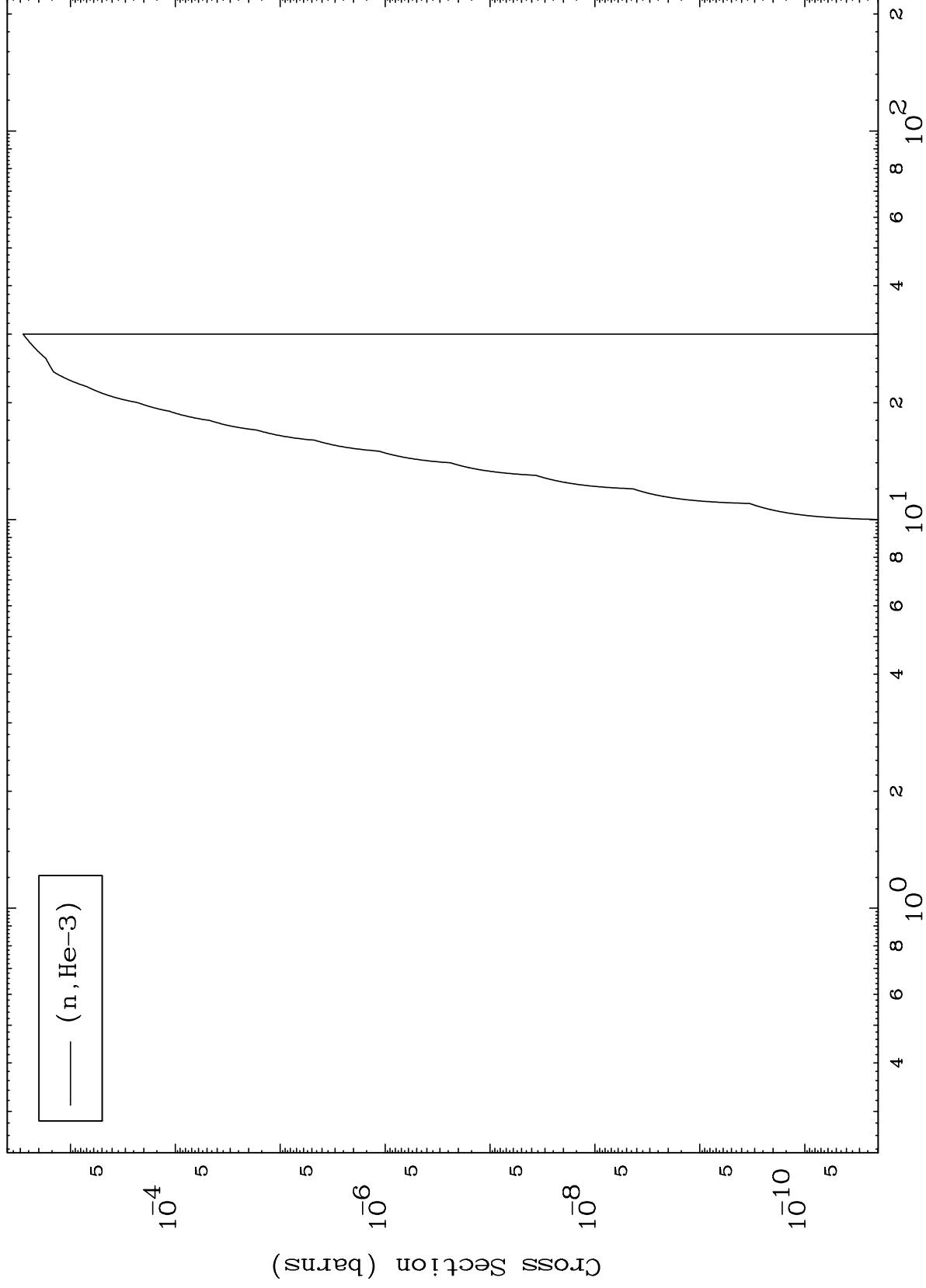
62-Sm-142

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(d,He3) Levels

62-Sm-142

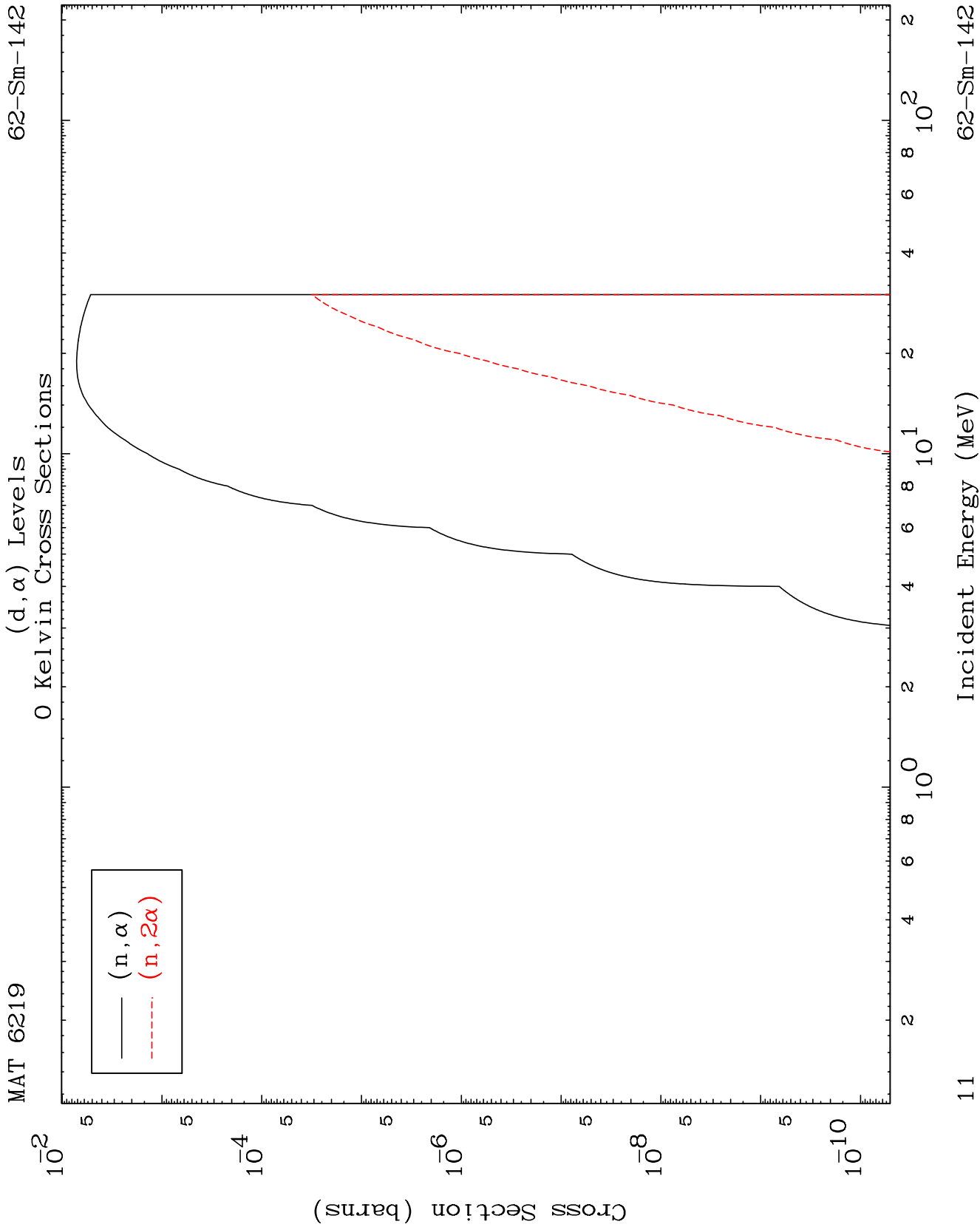
0 Kelvin Cross Sections



10

Incident Energy (MeV)

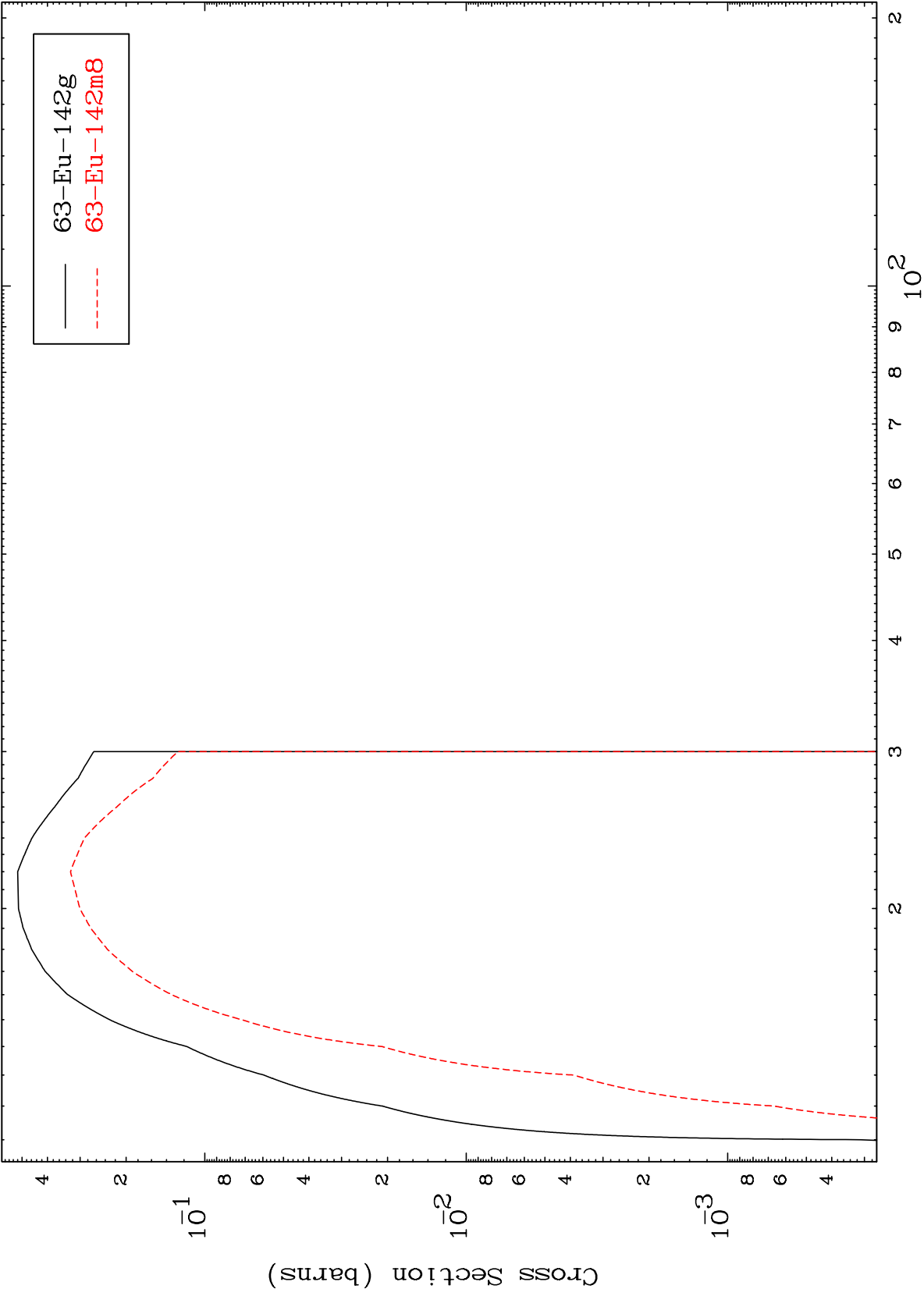
62-Sm-142



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62-Sm-142

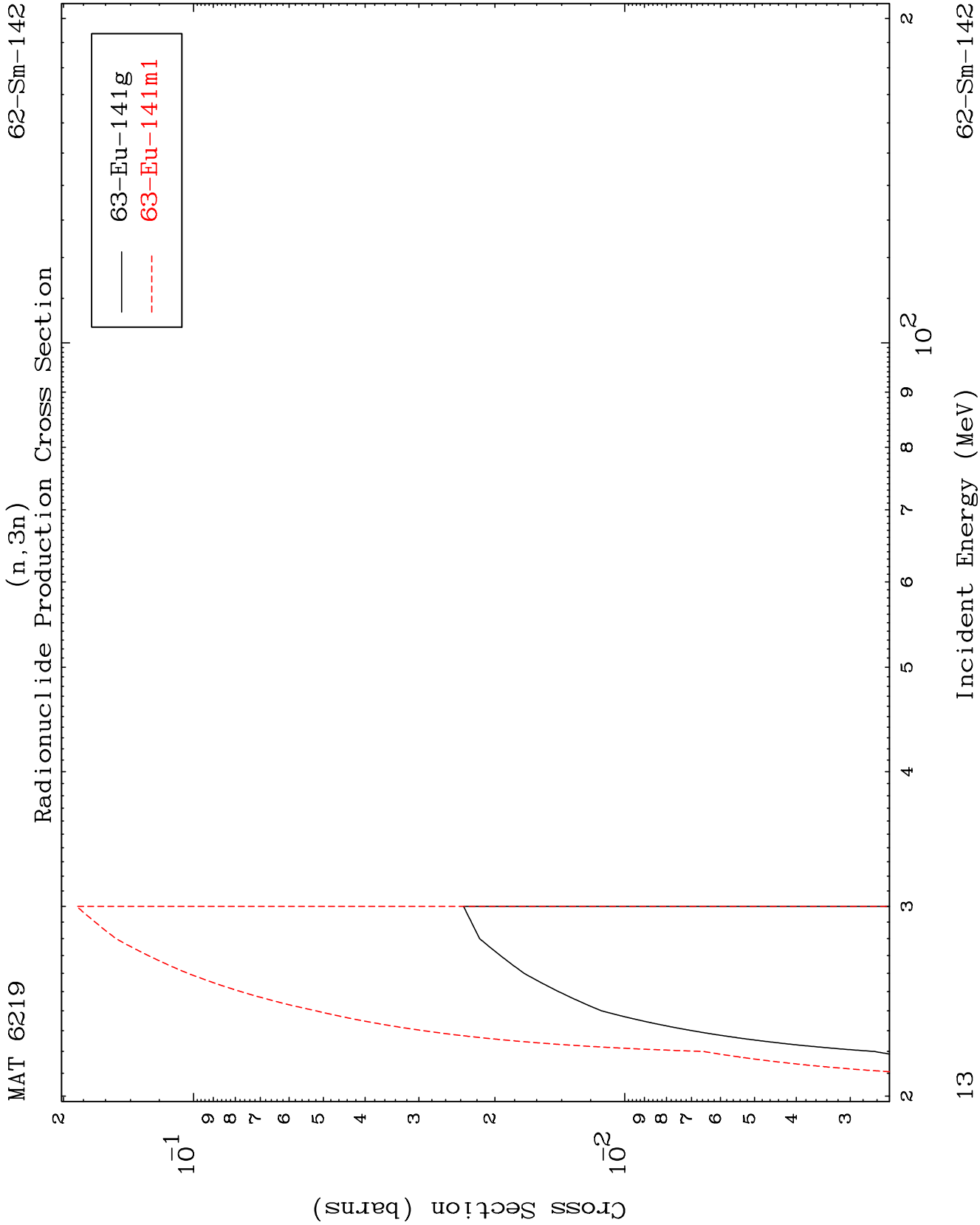
(n,2n)
Radionuclide Production Cross Section

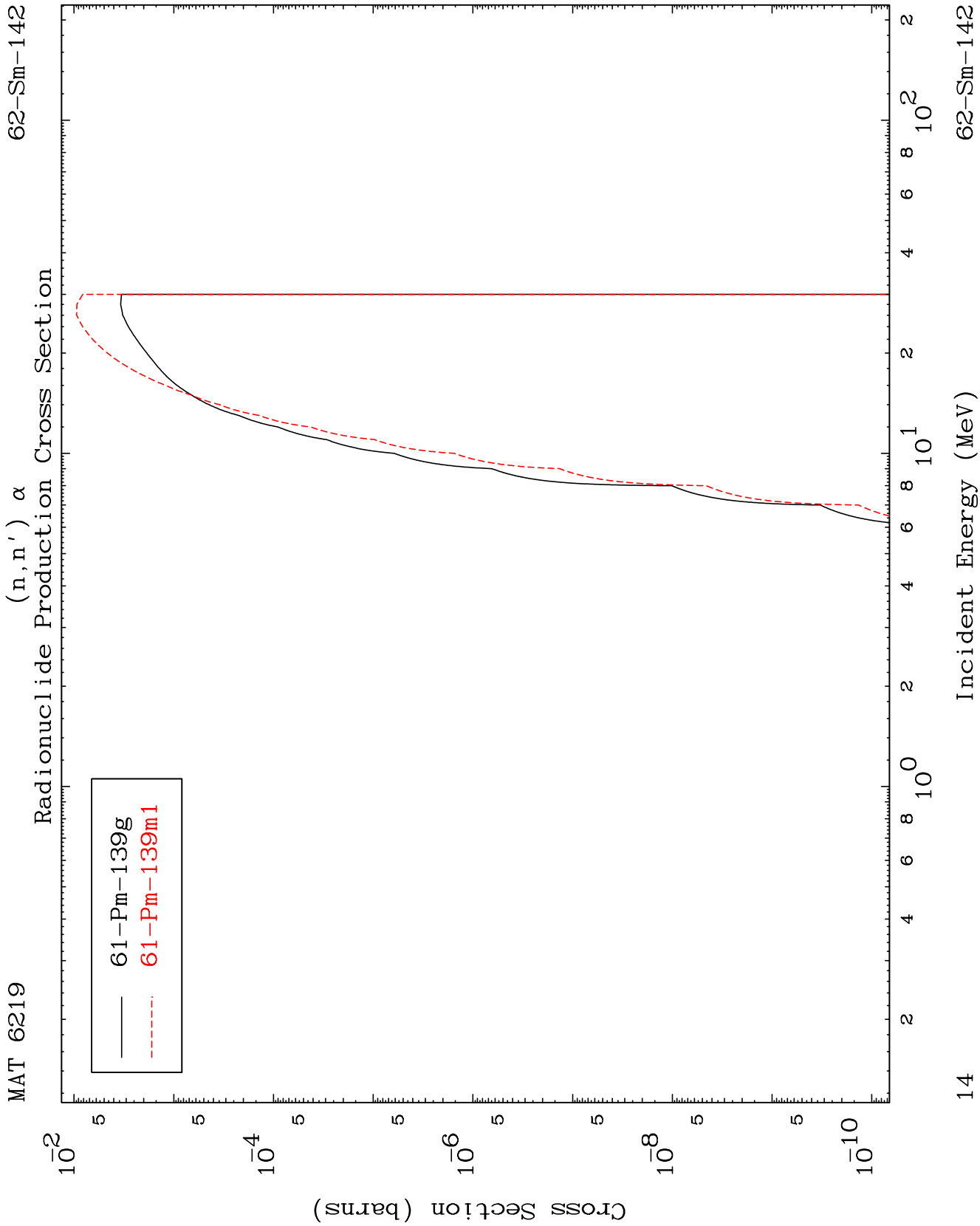


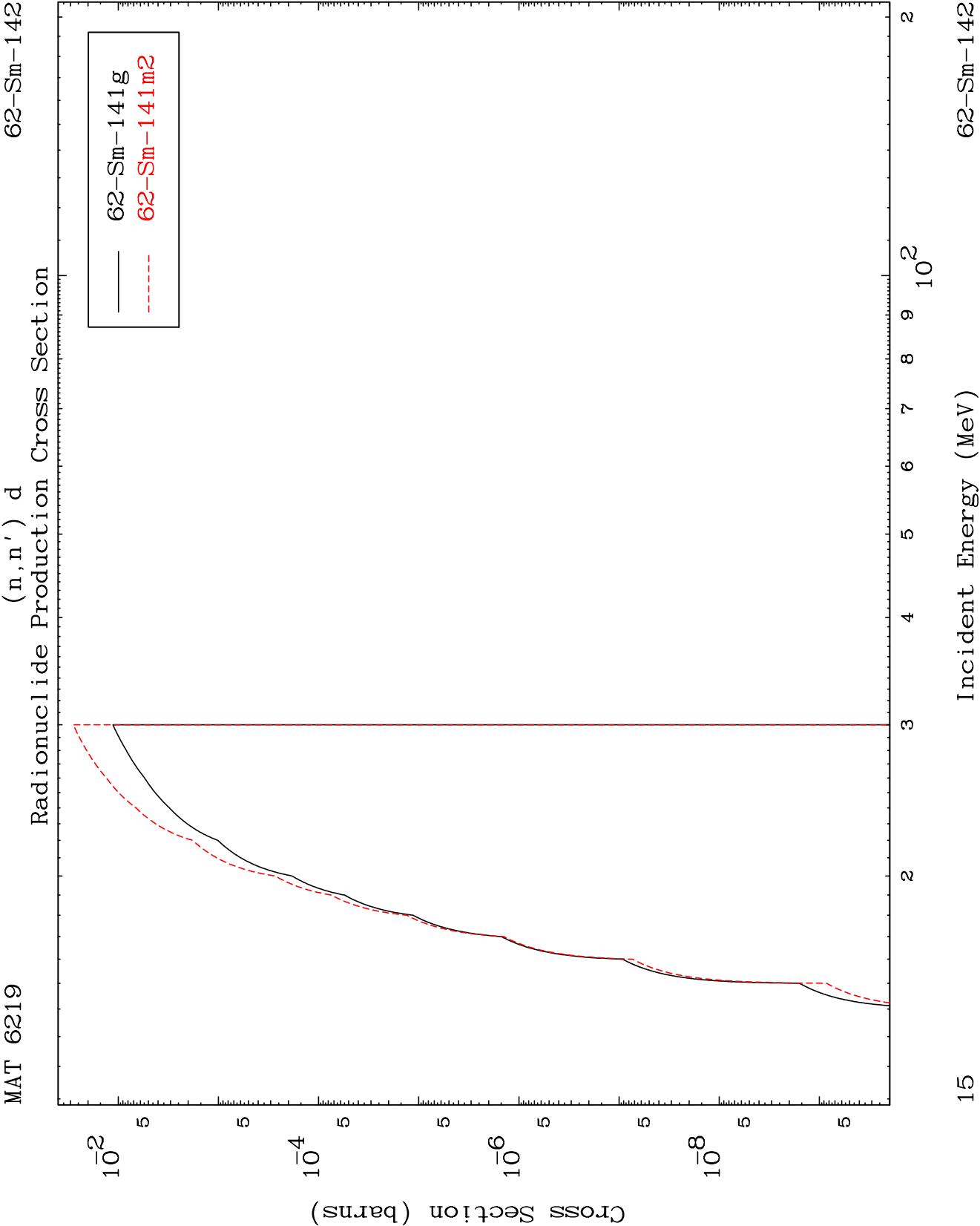
12

Incident Energy (MeV)

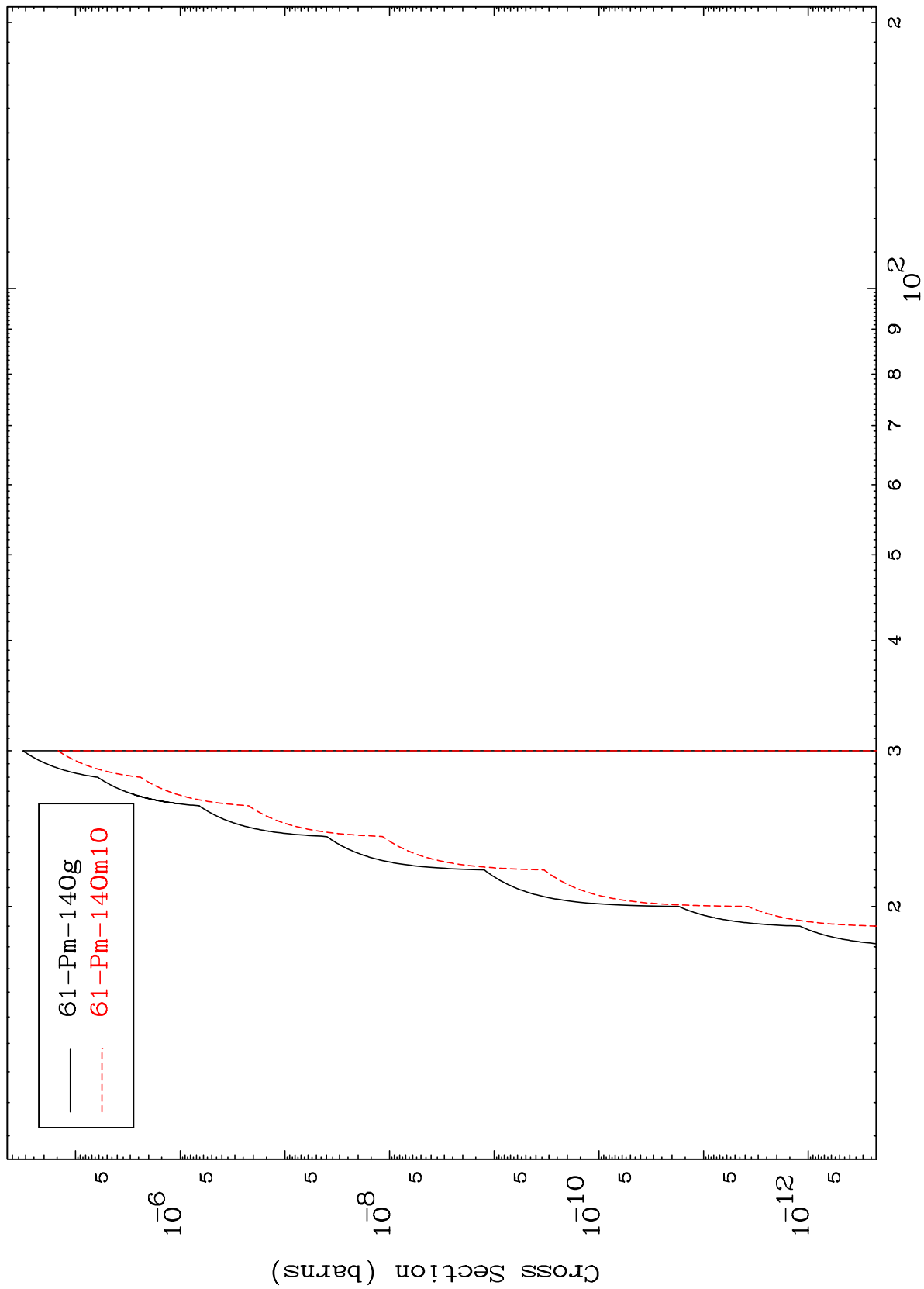
62-Sm-142

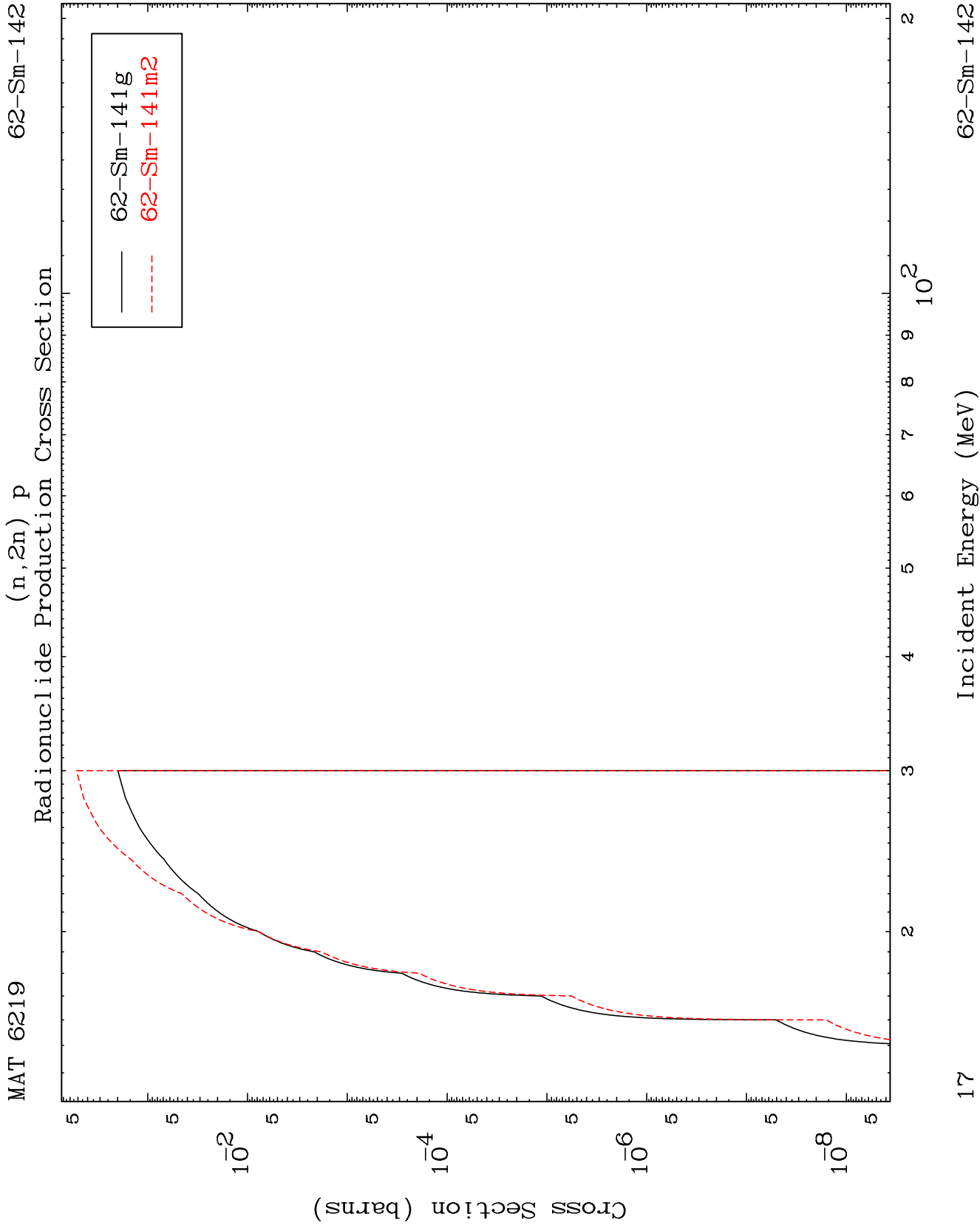






(n,n') He-3
Radionuclide Production Cross Section

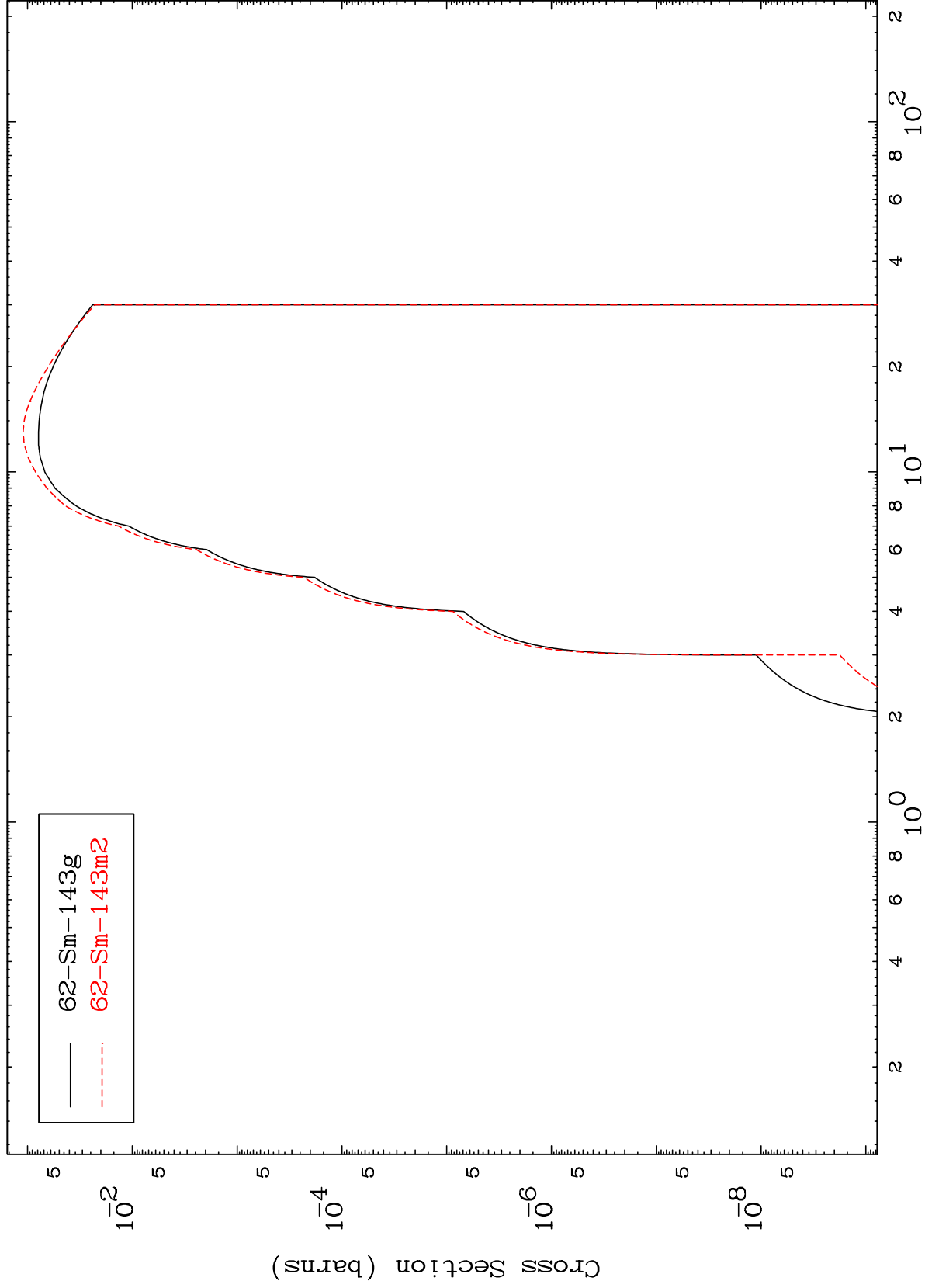




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62-Sm-142

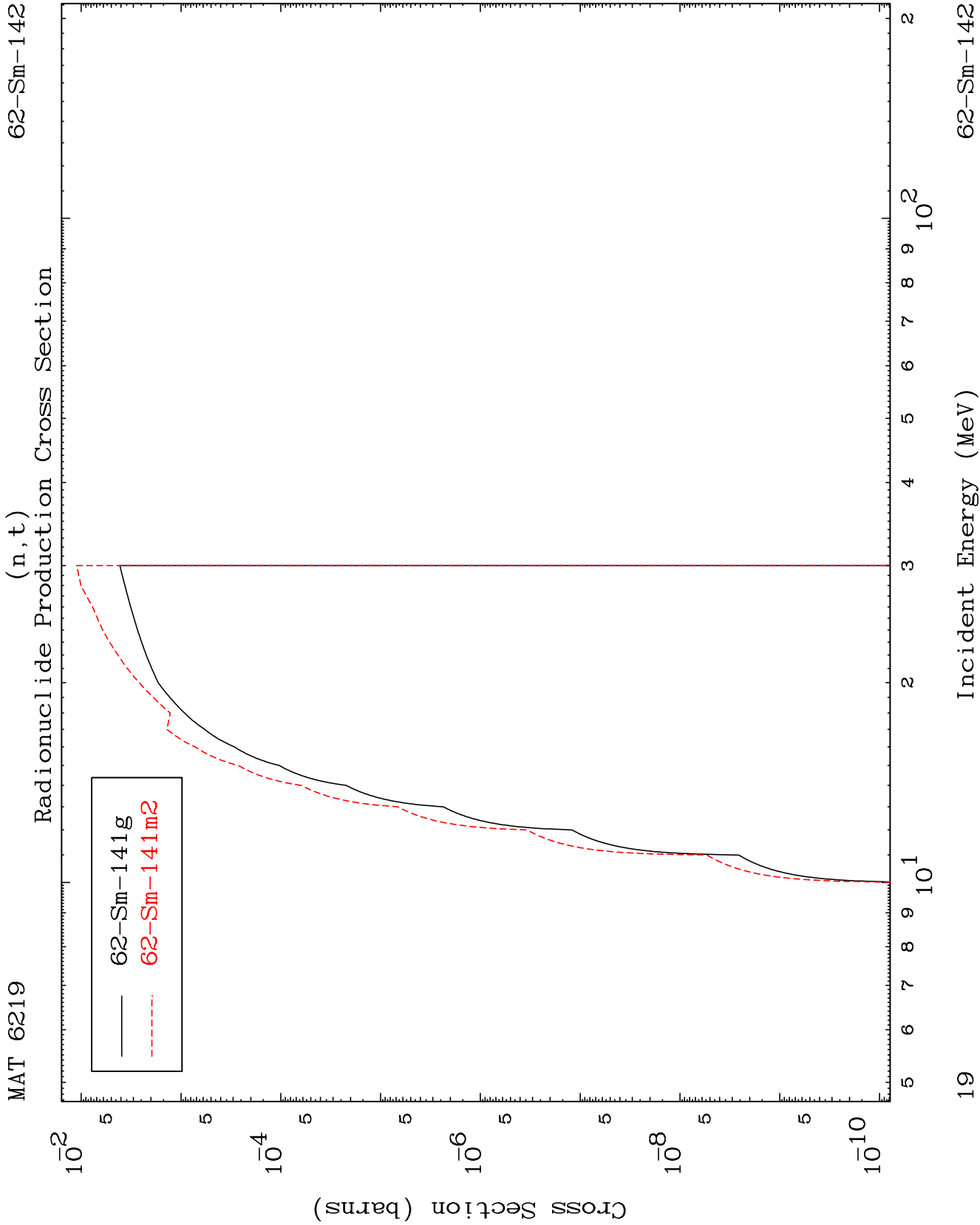
(n,p)
Radionuclide Production Cross Section

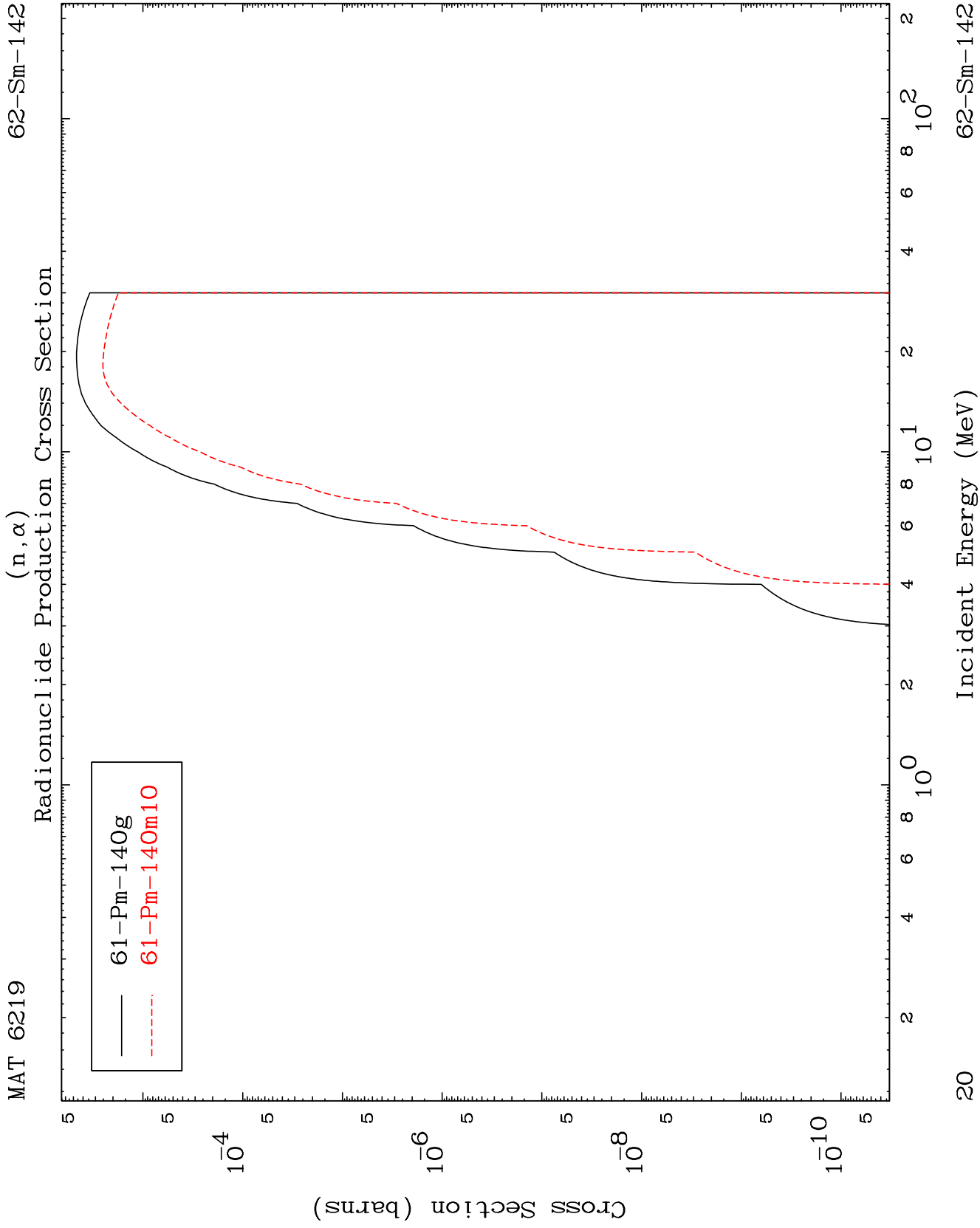


18

Incident Energy (MeV)

62-Sm-142

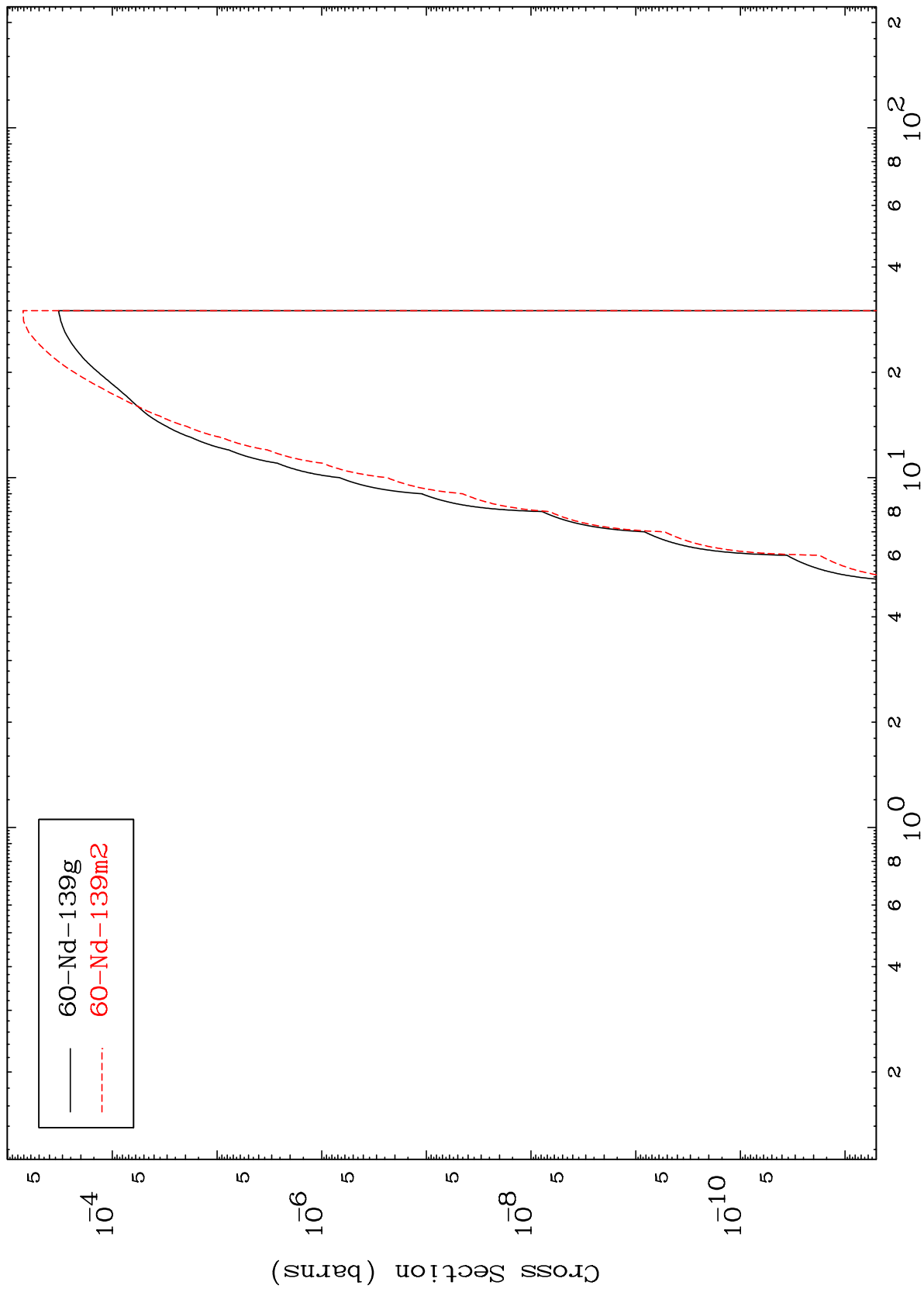




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62-Sm-142

Radionuclide Production Cross Section
(n,p) α



21

62-Sm-142

