

Program EVALPLOT
(Version 2021-1)

by

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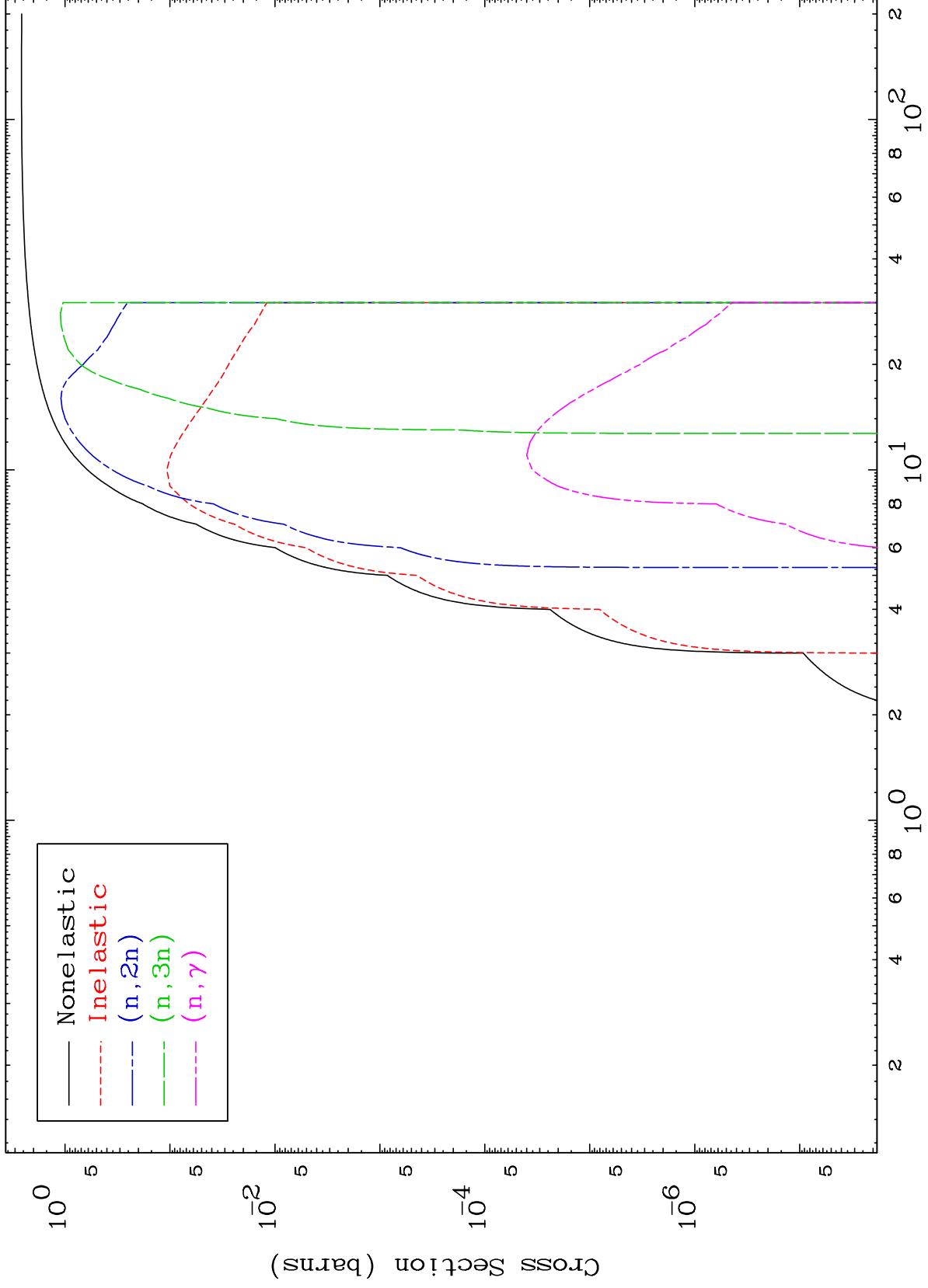
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6313

Deuteron Major
0 Kelvin Cross Sections

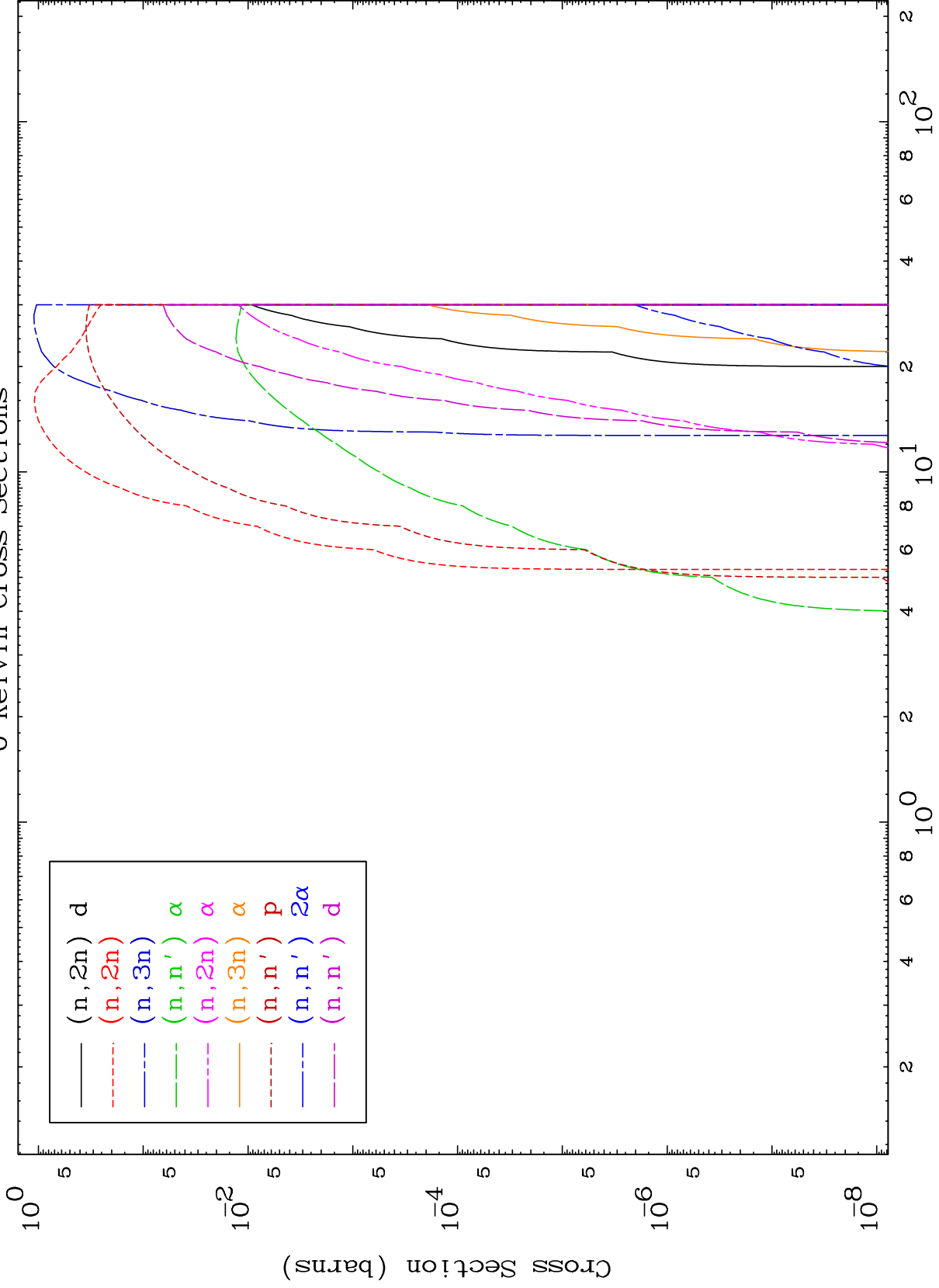
63-Eu-147



MAT 6313

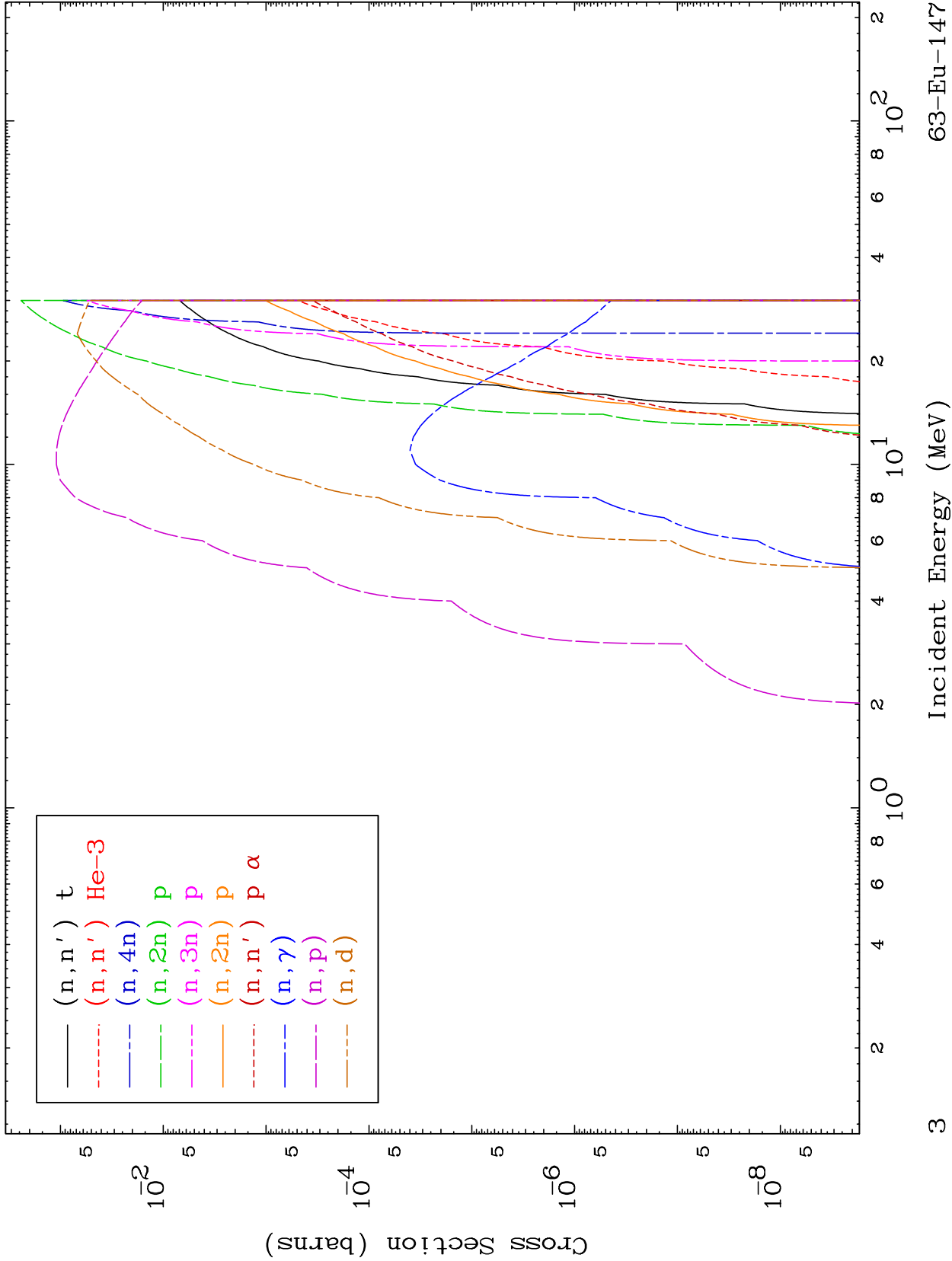
Deuteron Neutron Absorption
0 Kelvin Cross Sections

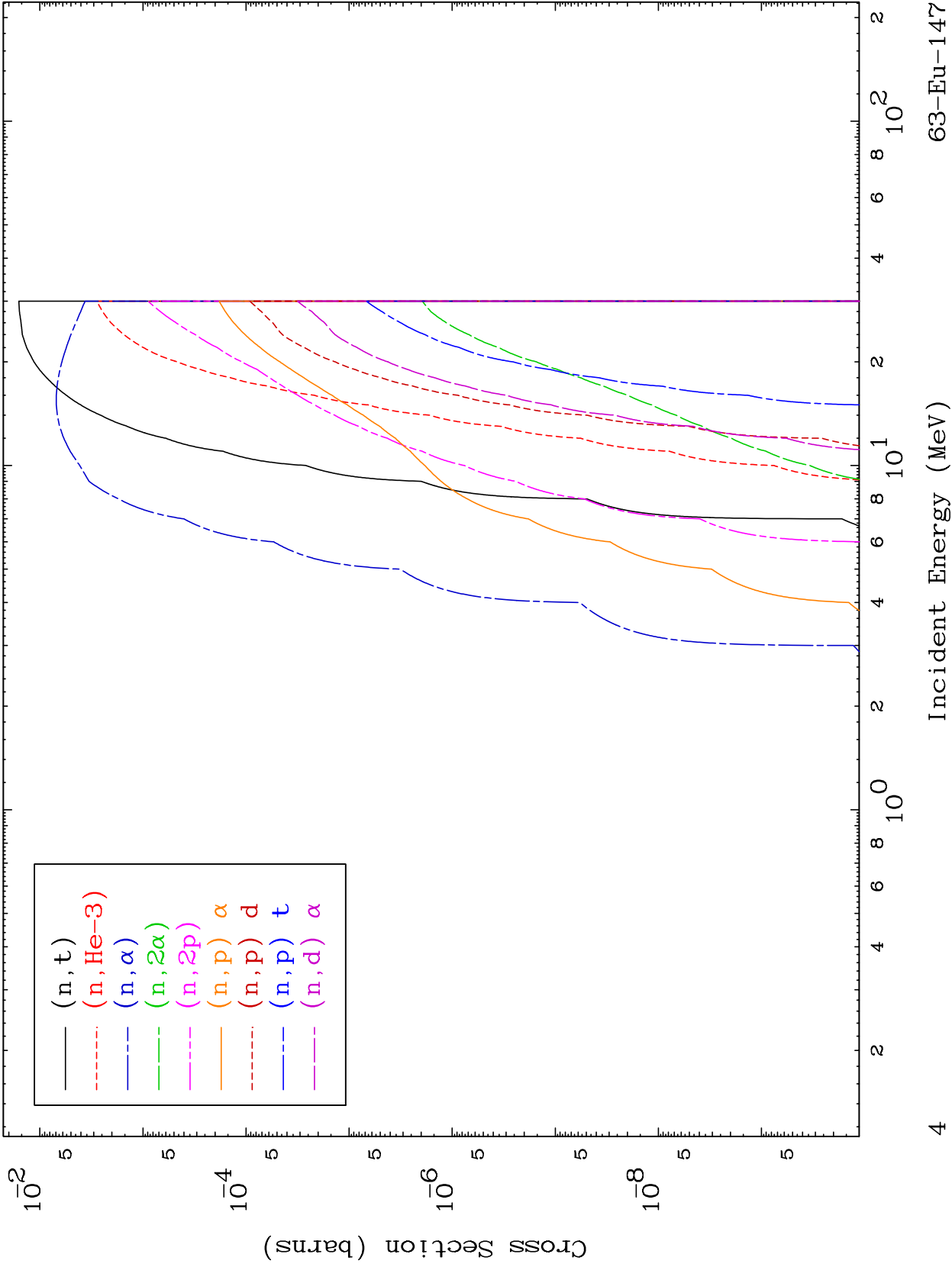
63-Eu-147

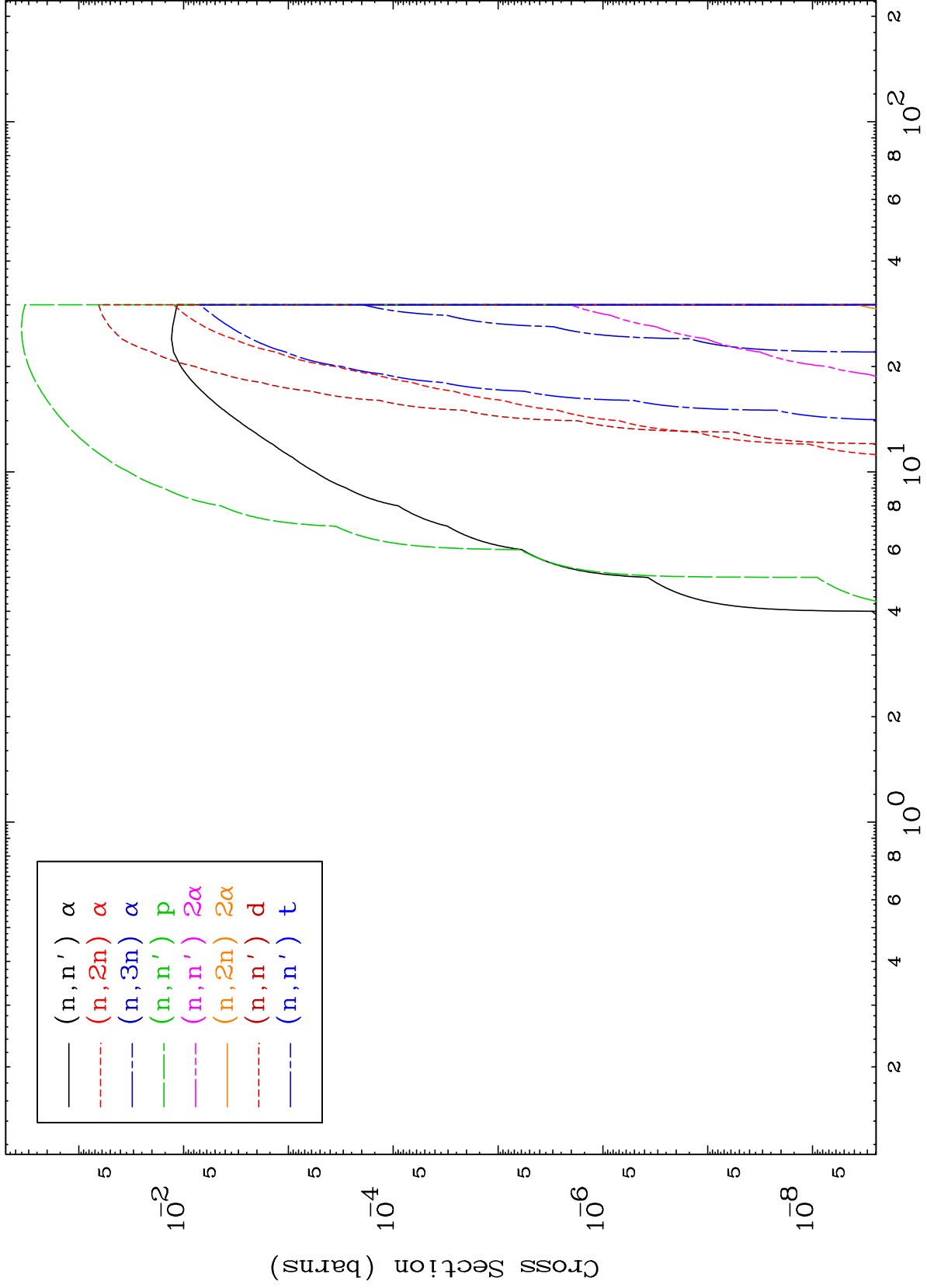


63-Eu-147

Incident Energy (MeV)



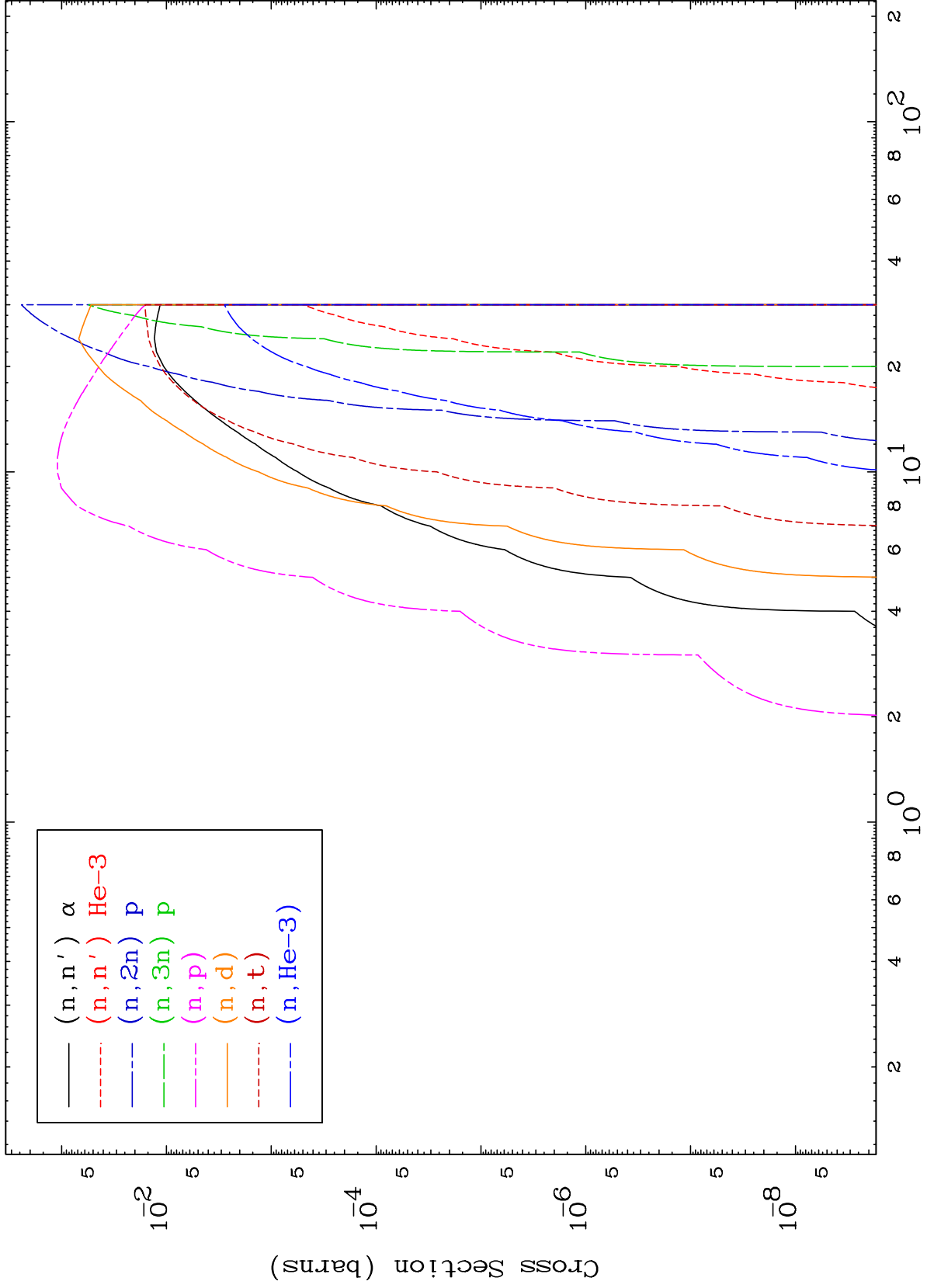


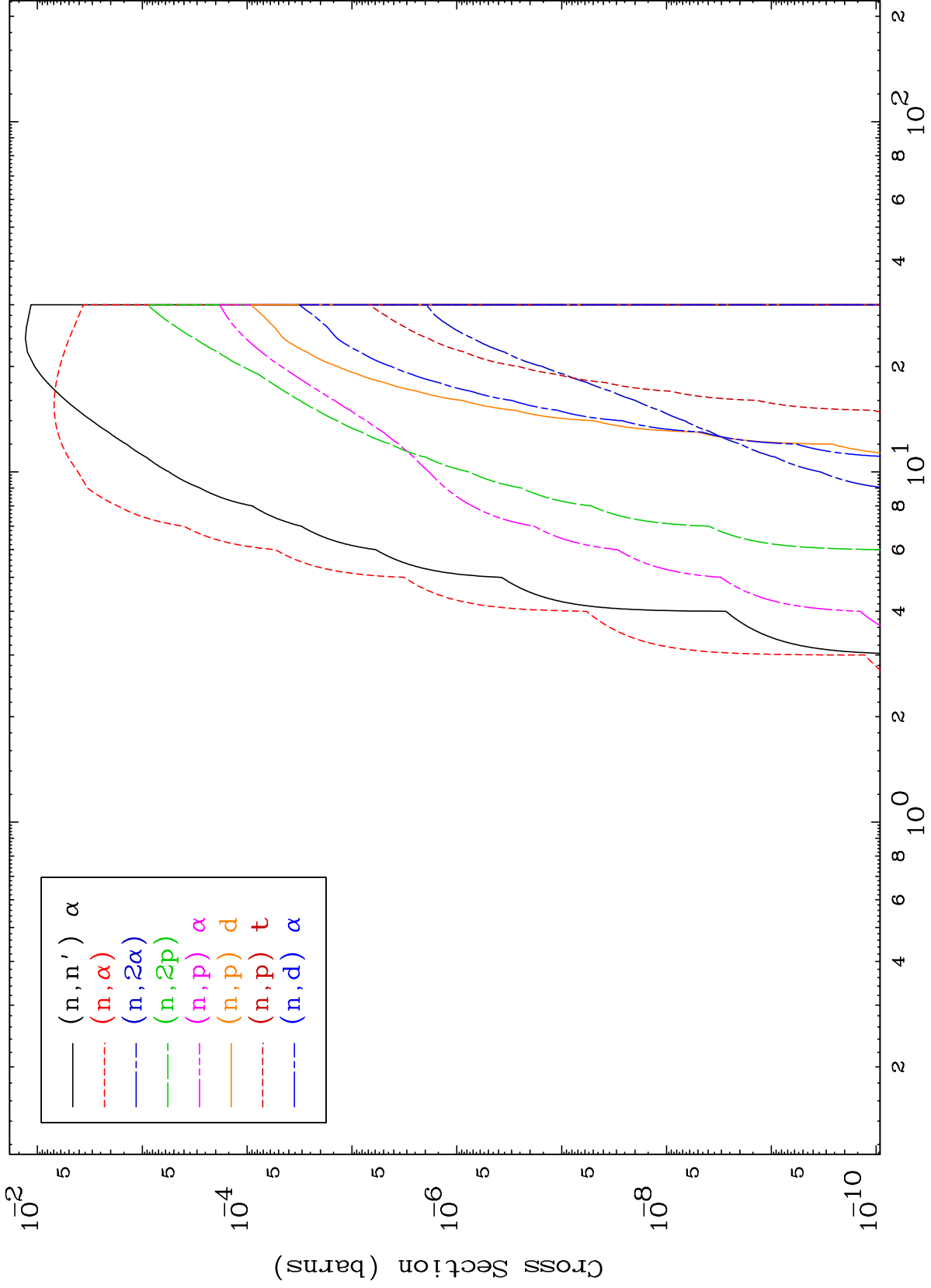


MAT 6313

Deuteron Charged Particle
0 Kelvin Cross Sections

63-Eu-147



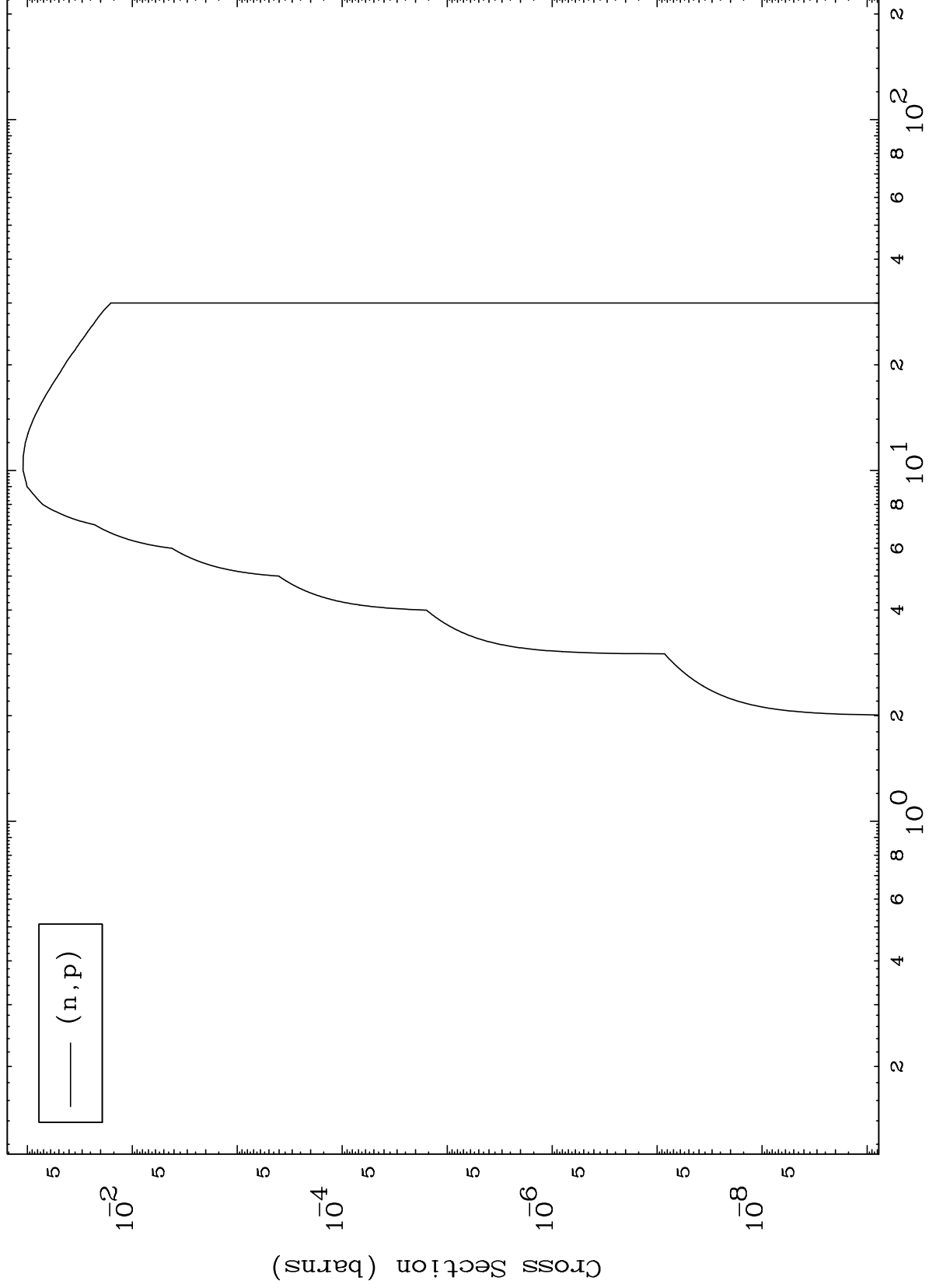


MAT 6313

(d,p) Levels

63-Eu-147

0 Kelvin Cross Sections

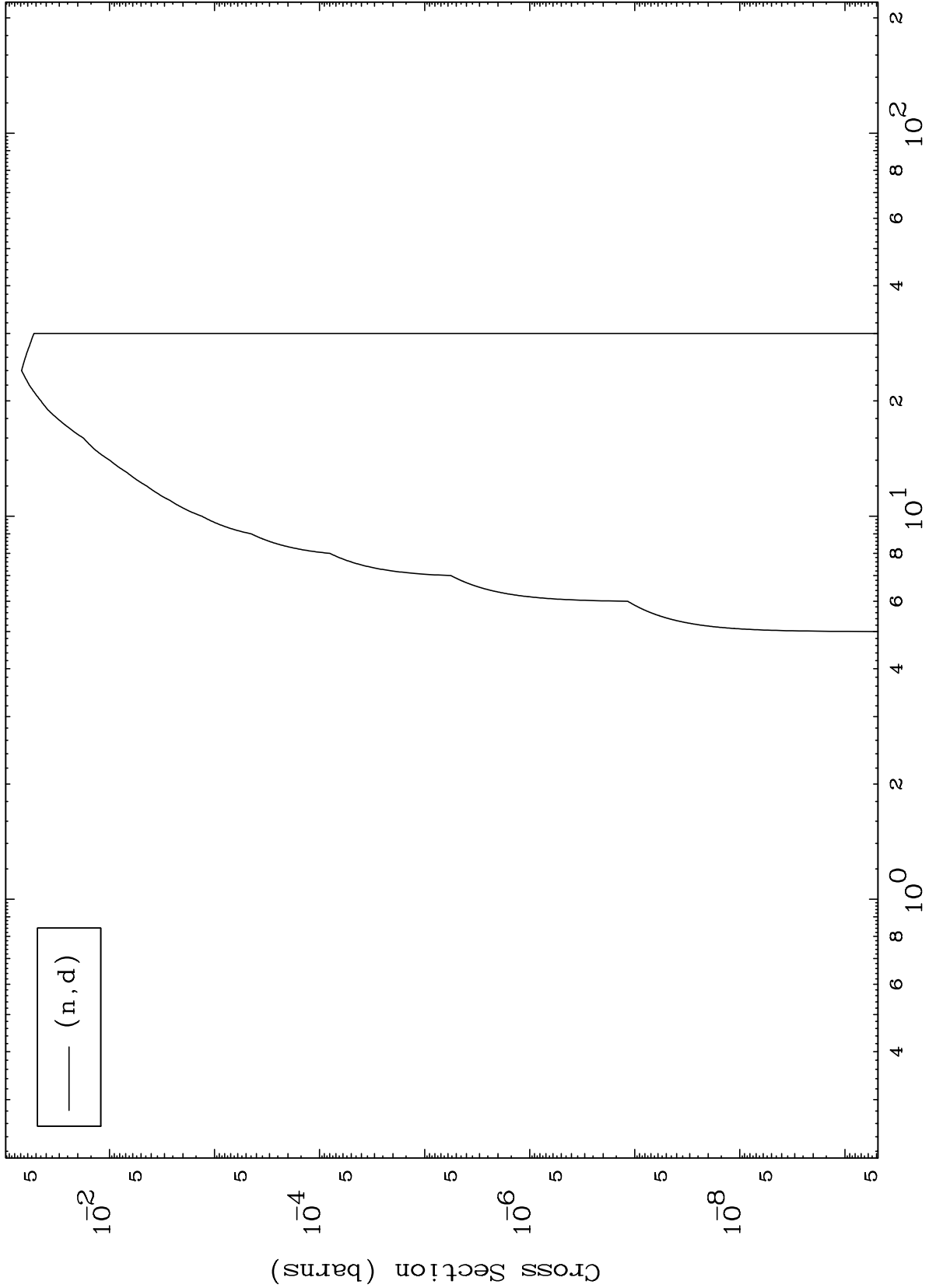


MAT 6313

(d,d) Levels

63-Eu-147

0 Kelvin Cross Sections



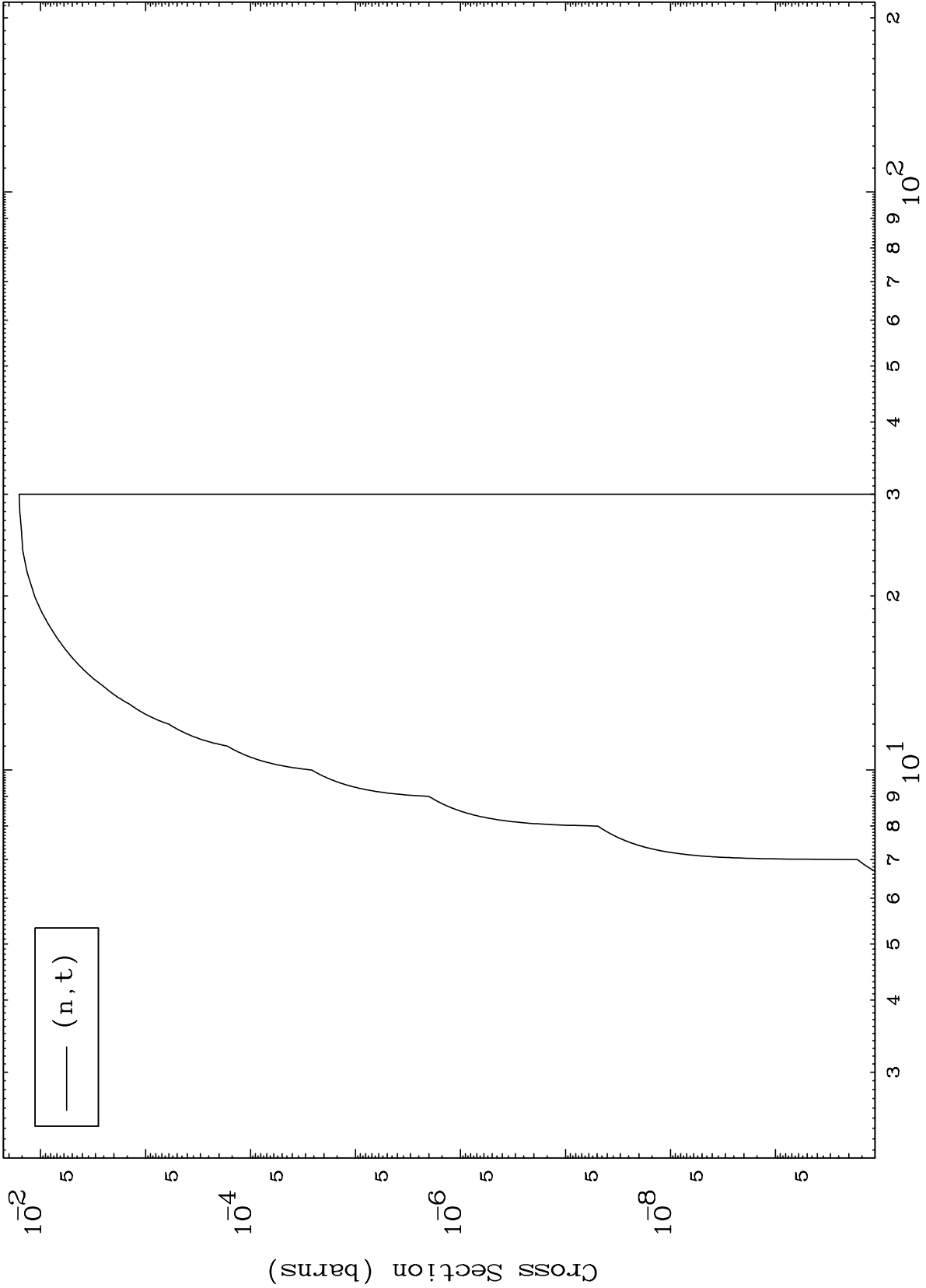
(n,d)

MAT 6313

(d,t) Levels

63-Eu-147

0 Kelvin Cross Sections



10

Incident Energy (MeV)

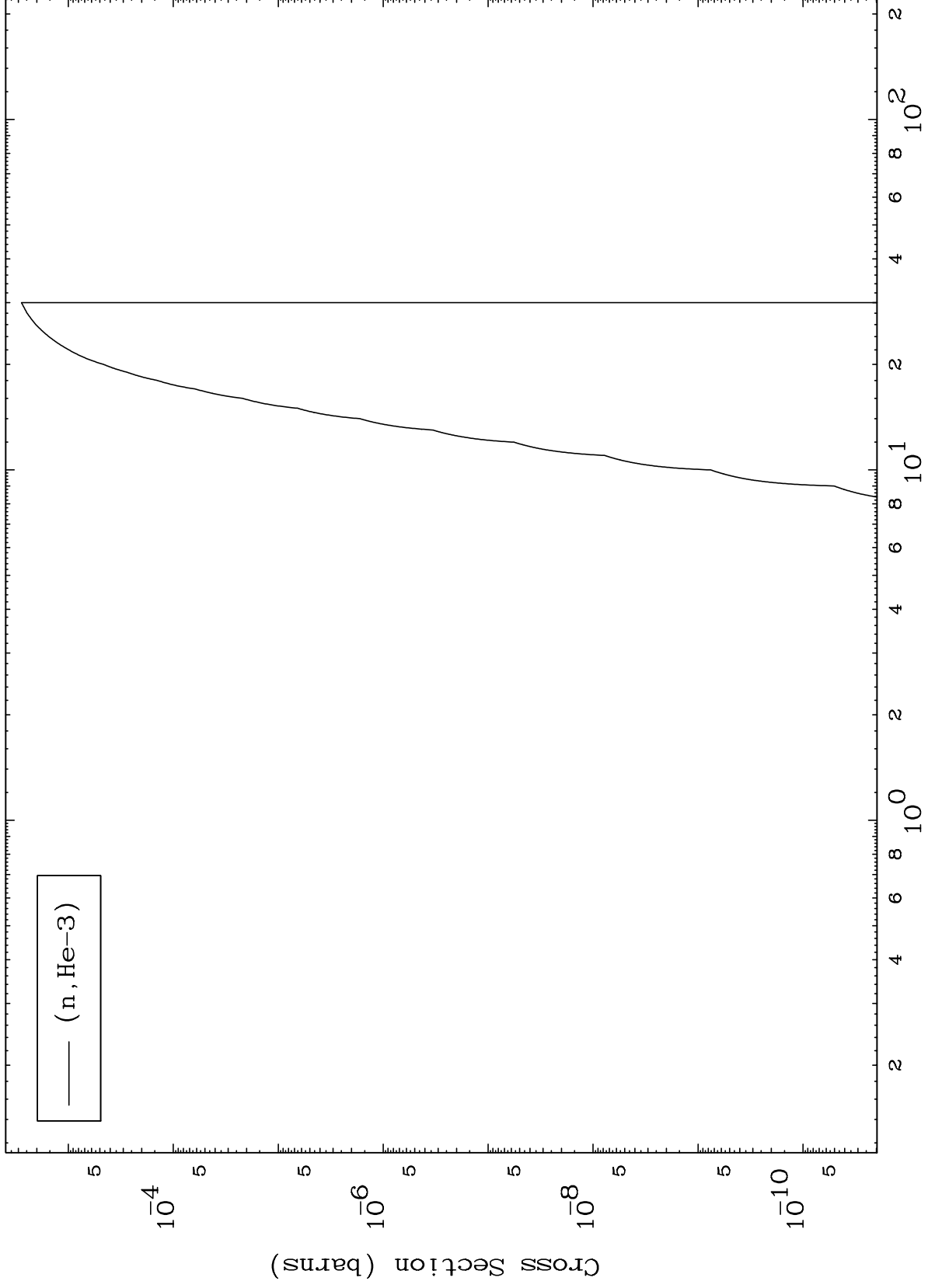
63-Eu-147

MAT 6313

(d,He3) Levels

63-Eu-147

0 Kelvin Cross Sections

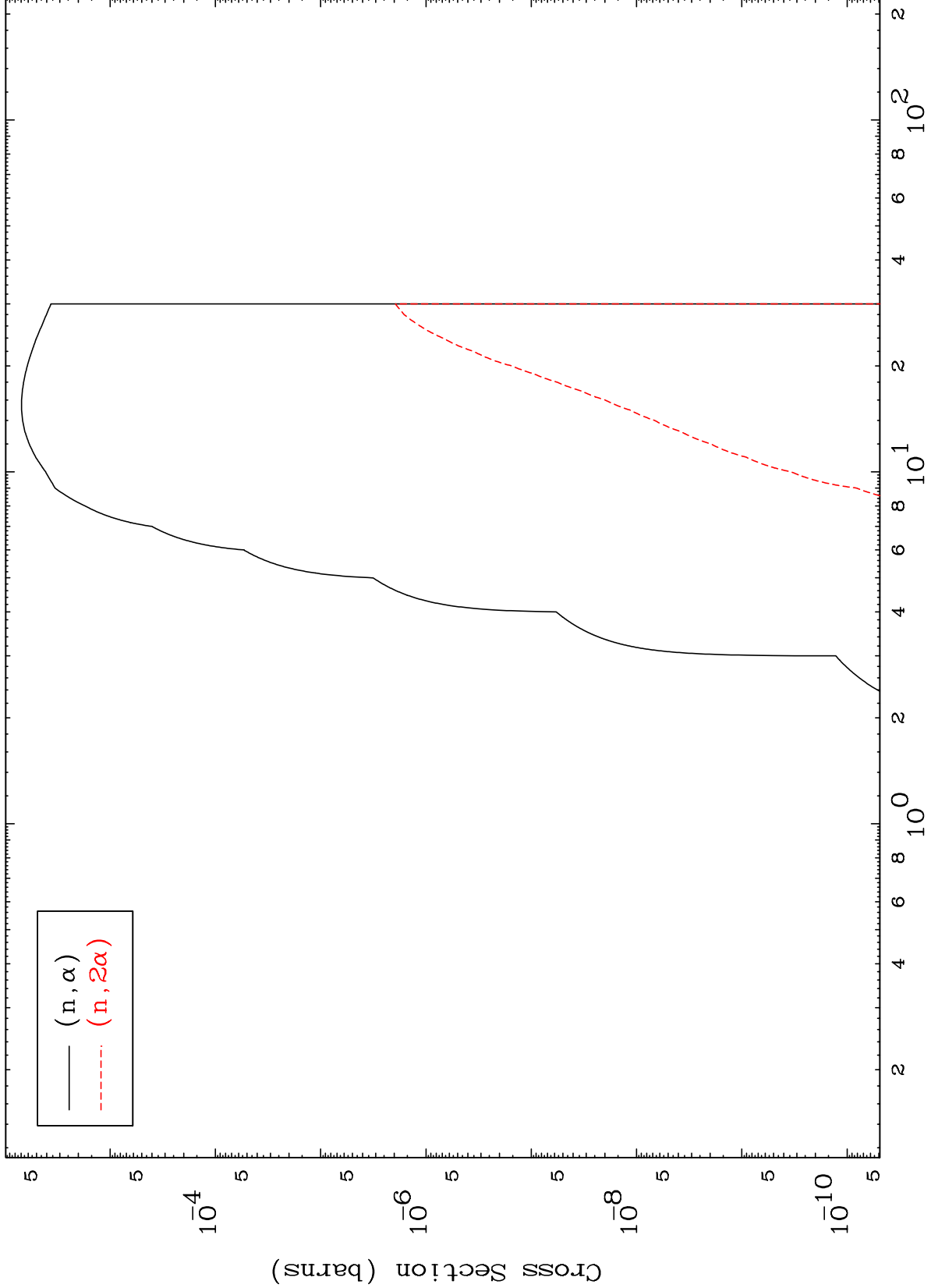


MAT 6313

(d, α) Levels

63-Eu-147

0 Kelvin Cross Sections



12

Incident Energy (MeV)

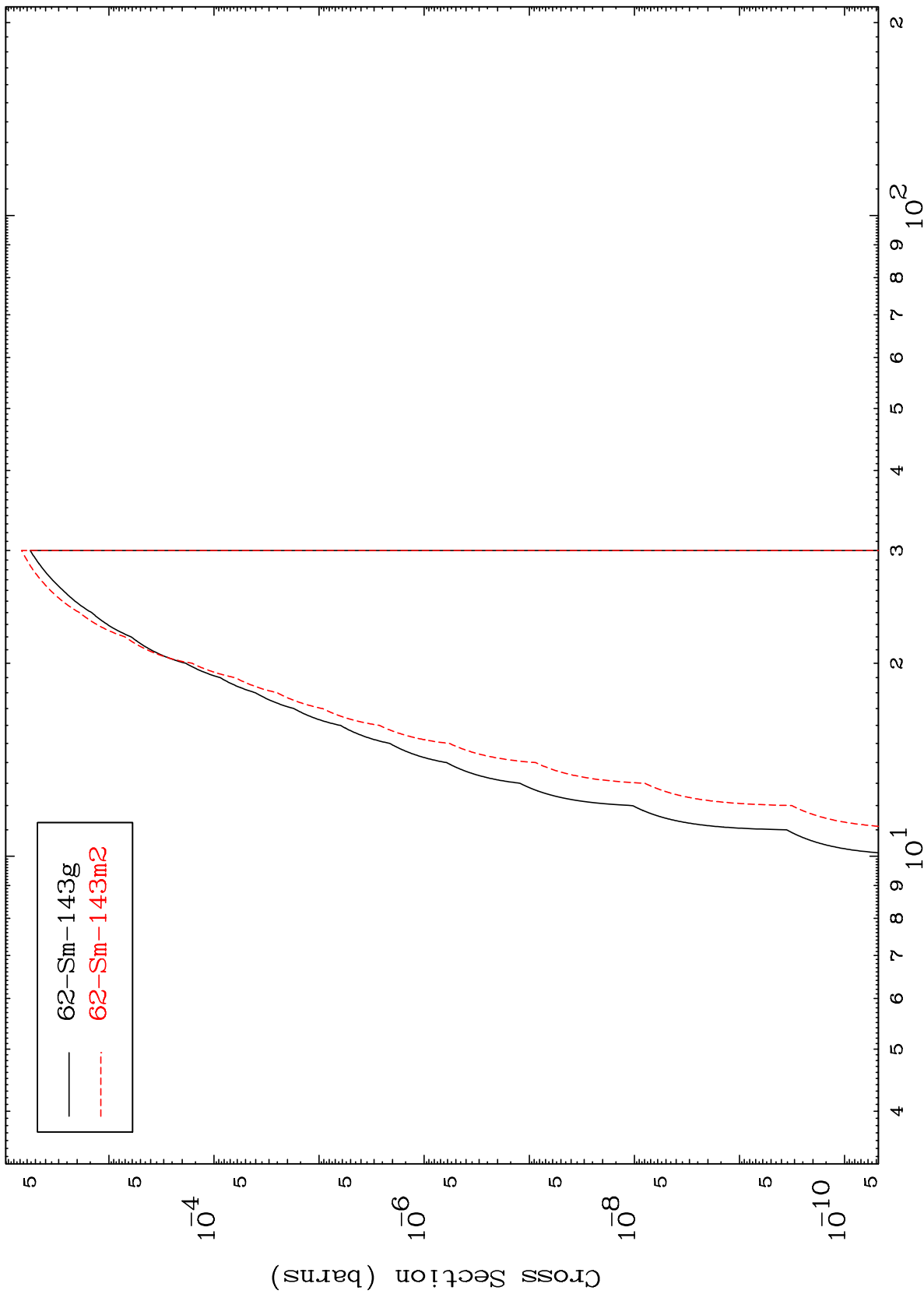
63-Eu-147

MAT 6313

63-Eu-147

(n,2n) α

Radionuclide Production Cross Section



Legend:
— 62-Sm-143g
- - - 62-Sm-143m2

13

Incident Energy (MeV)

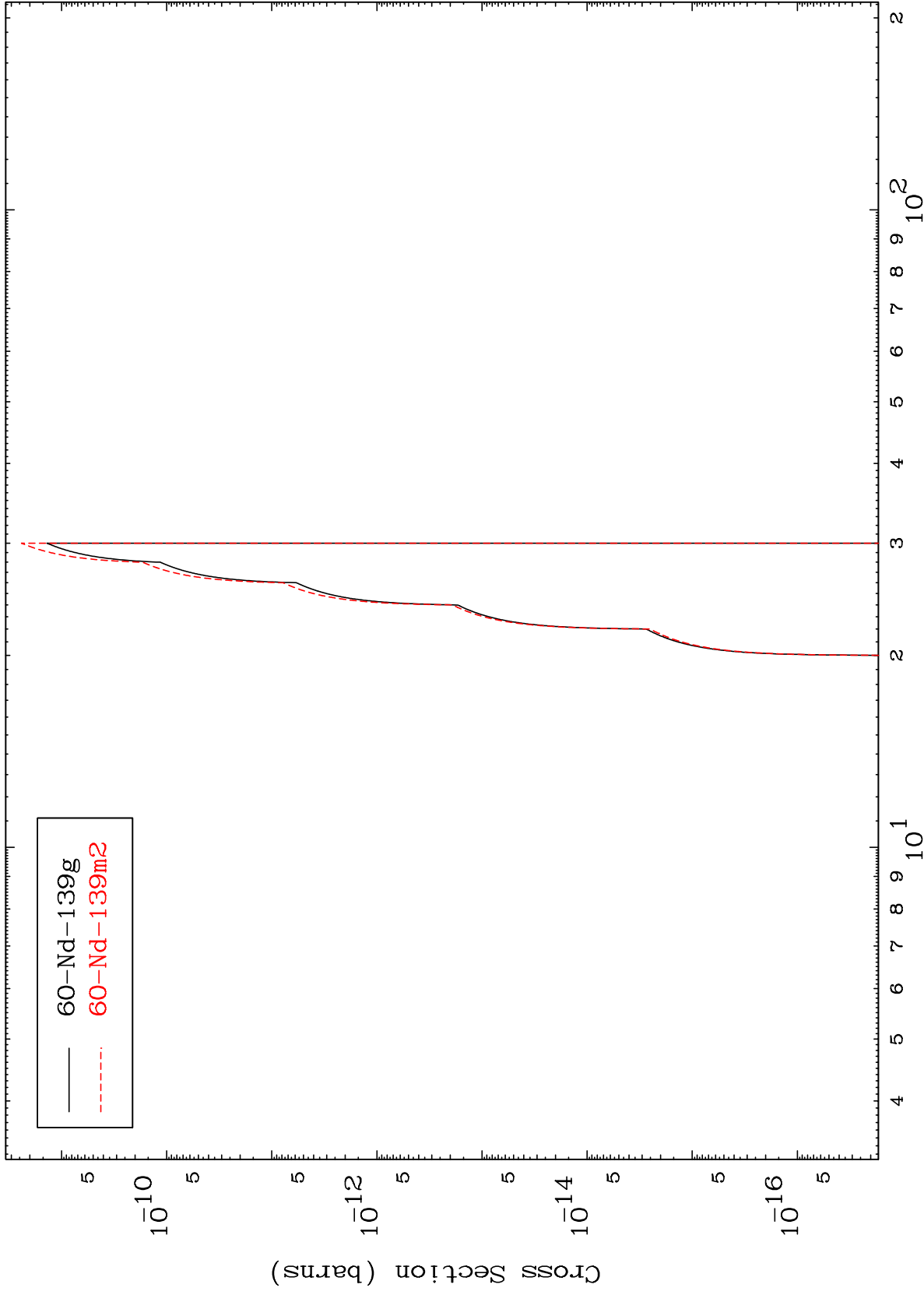
63-Eu-147

MAT 6313

^{60}Nd 2α

^{63}Eu -147

Radionuclide Production Cross Section



14

Incident Energy (MeV)

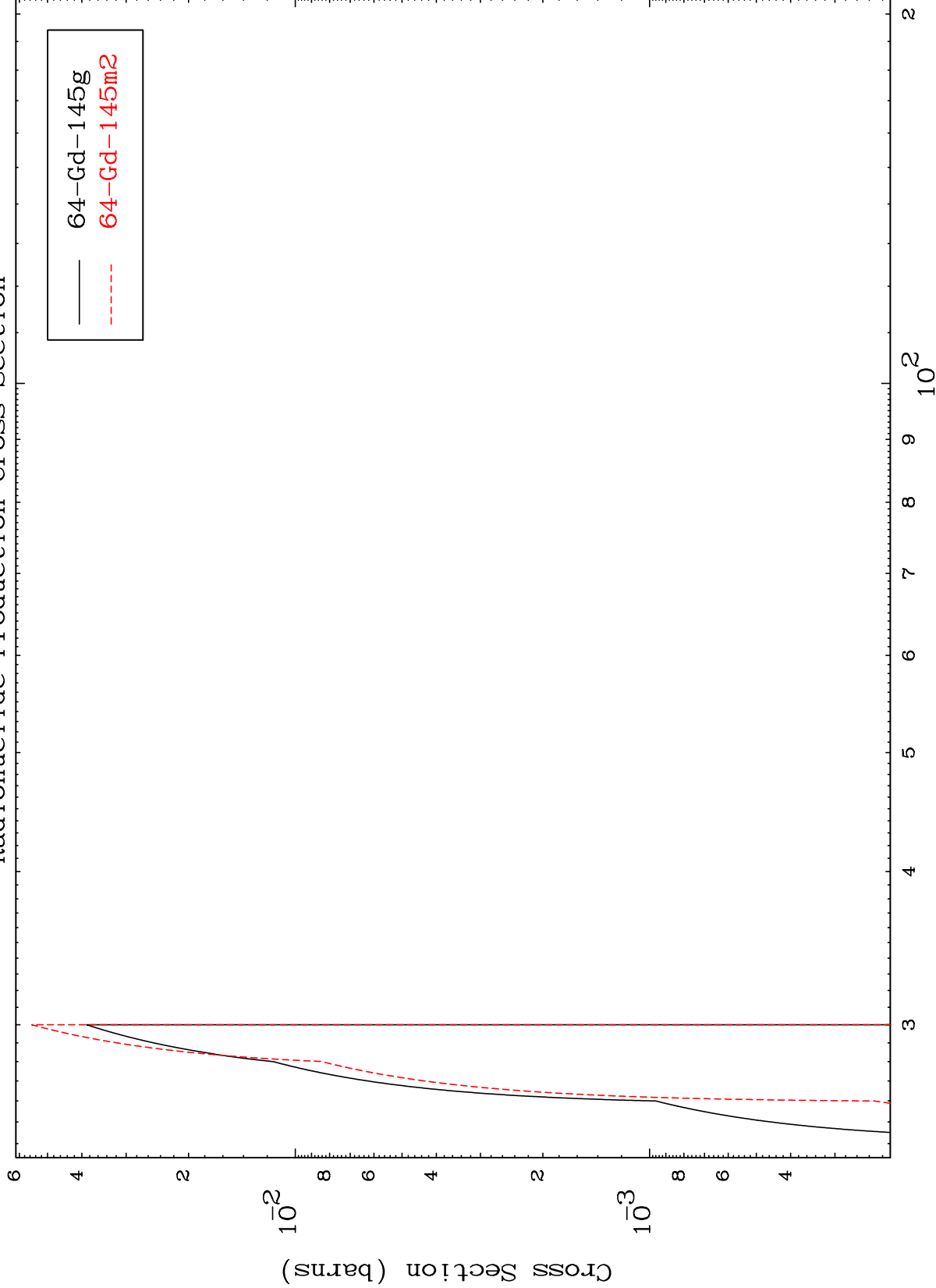
^{63}Eu -147

MAT 6313

(n,4n)

63-Eu-147

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

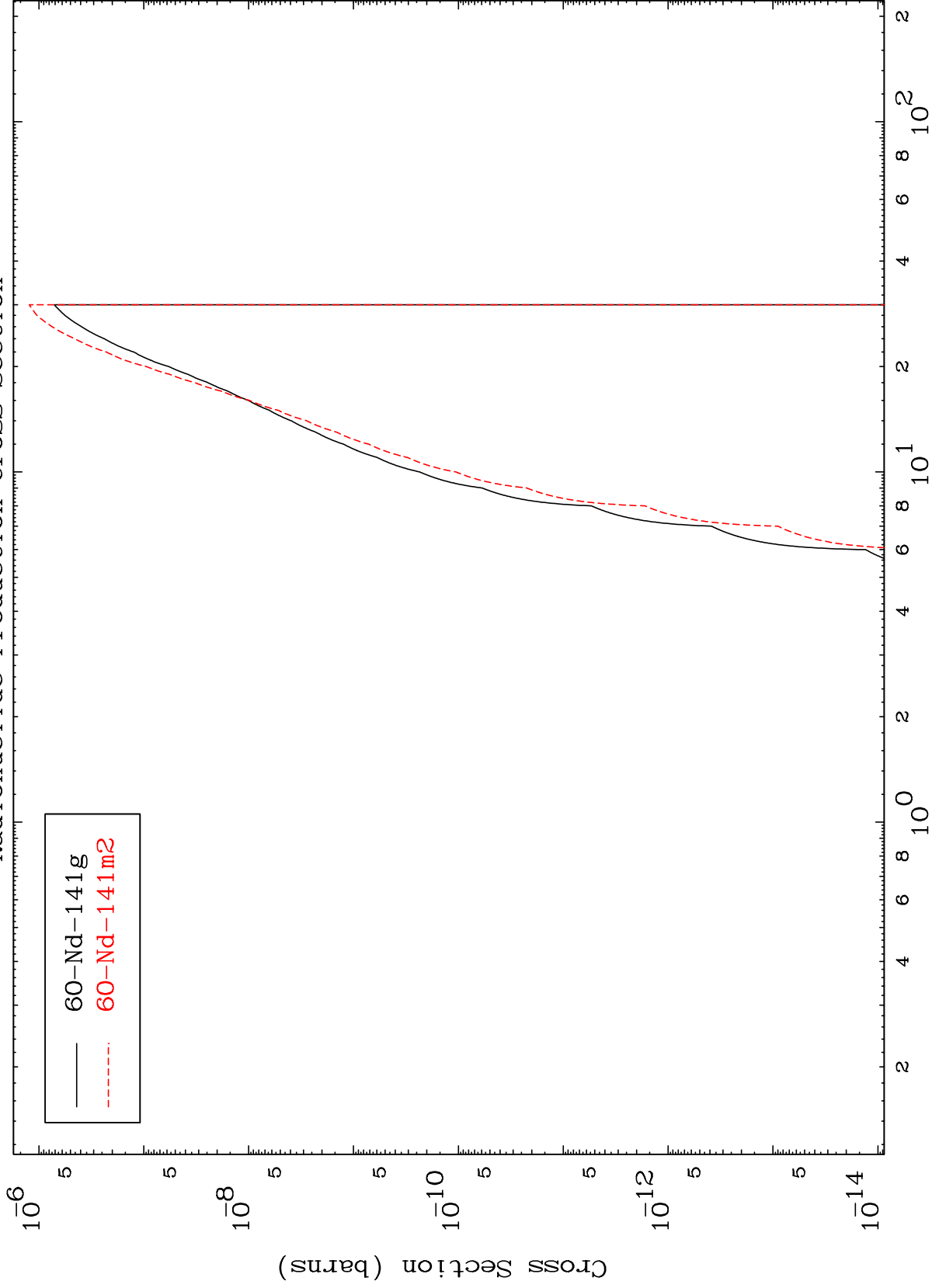
63-Eu-147

MAT 6313

(n,2α)

63-Eu-147

Radionuclide Production Cross Section



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