

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550

U.S.A.

Tele: 925-443-1911

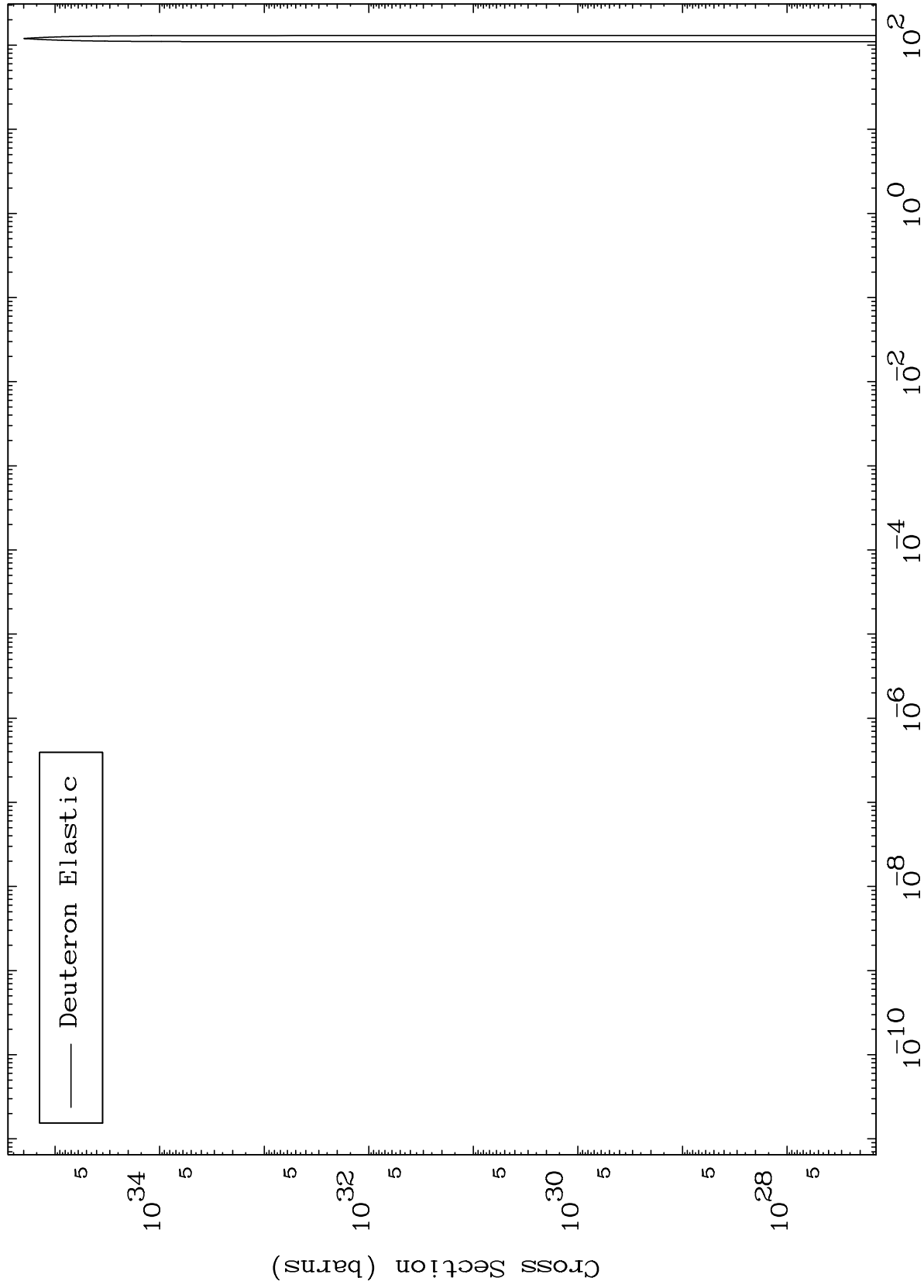
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6007

Deuteron Major
0 Kelvin Cross Sections

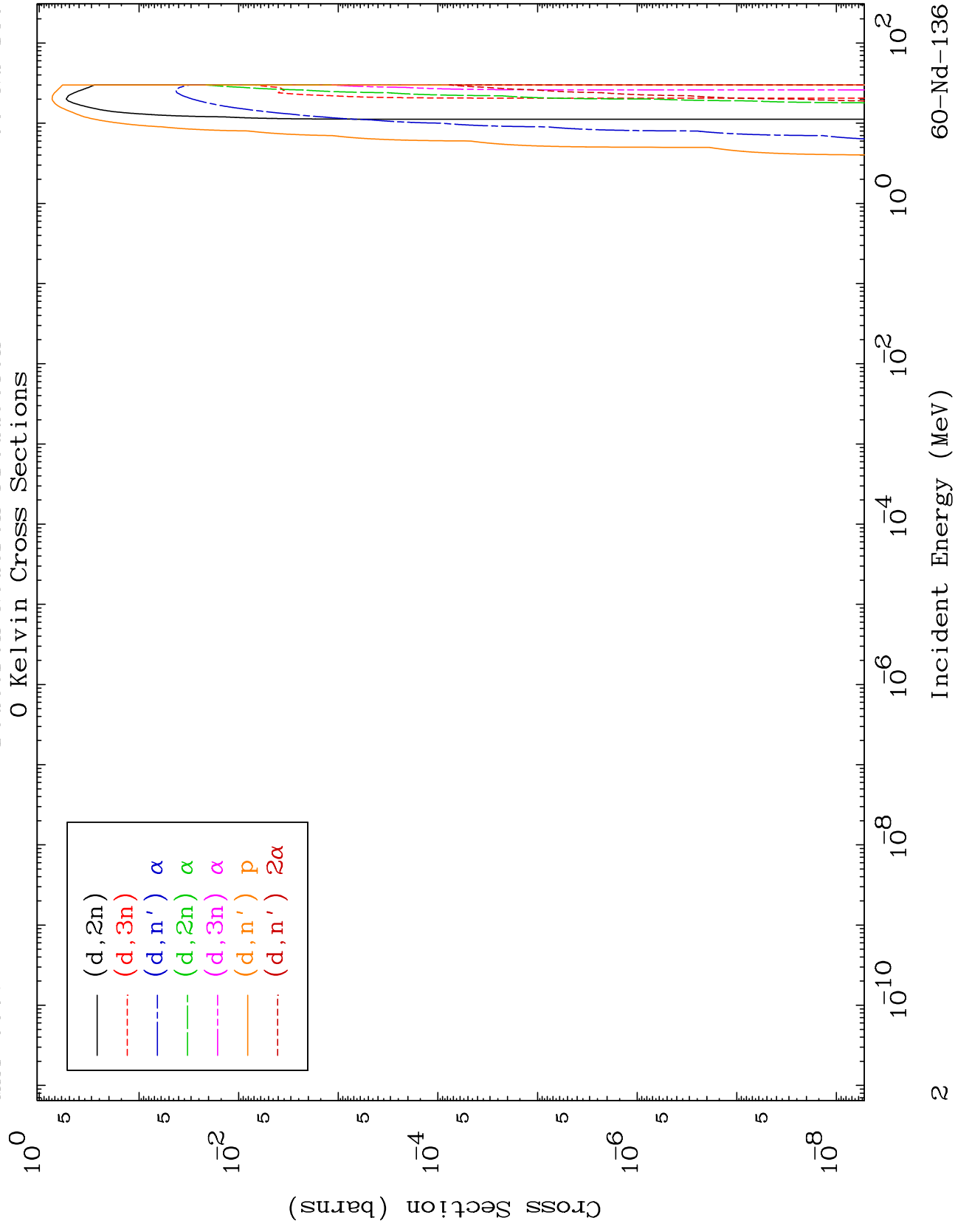
60-Nd-136

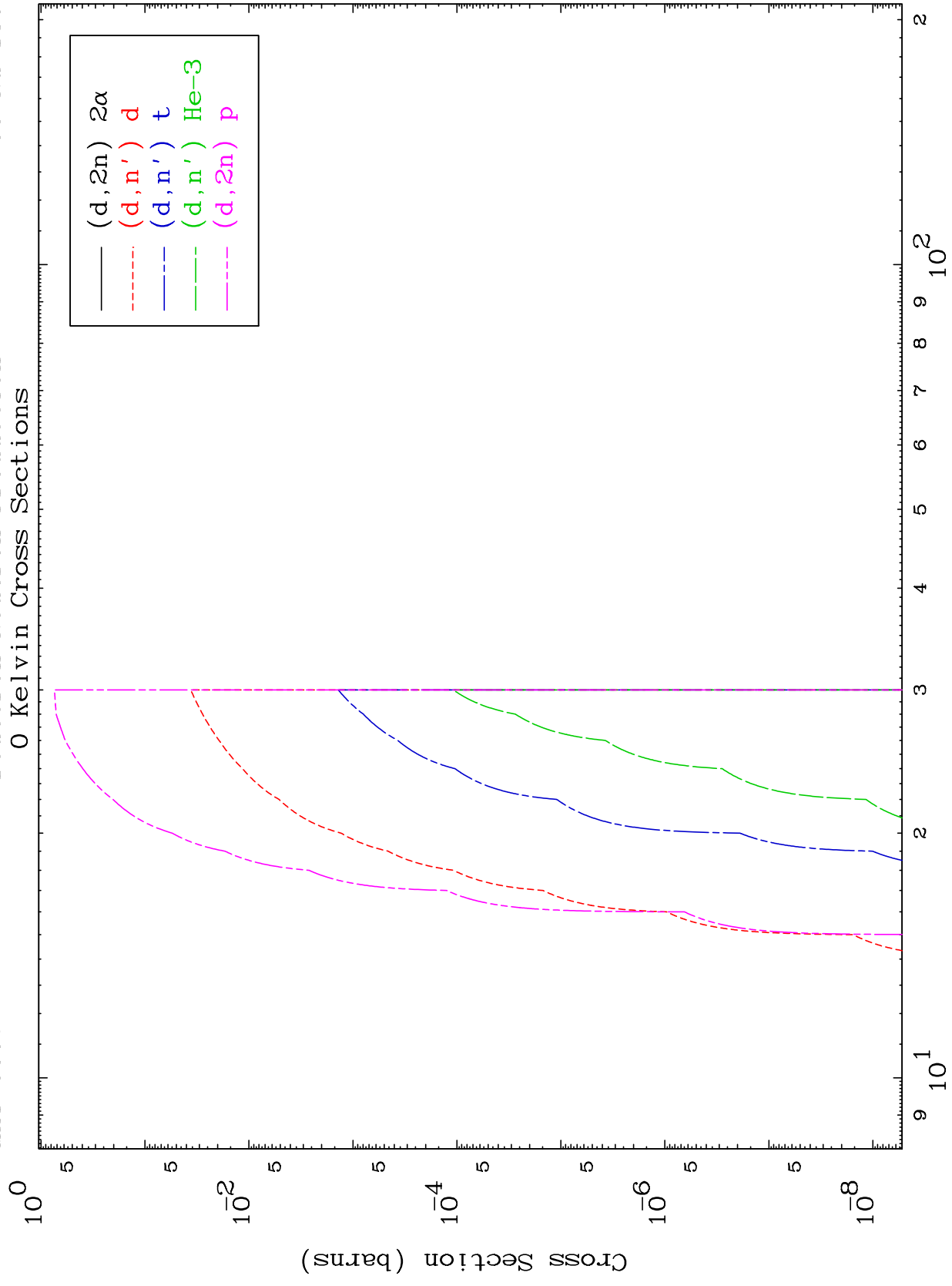


MAT 6007

Deuteron Neutron Production
0 Kelvin Cross Sections

60-Nd-136

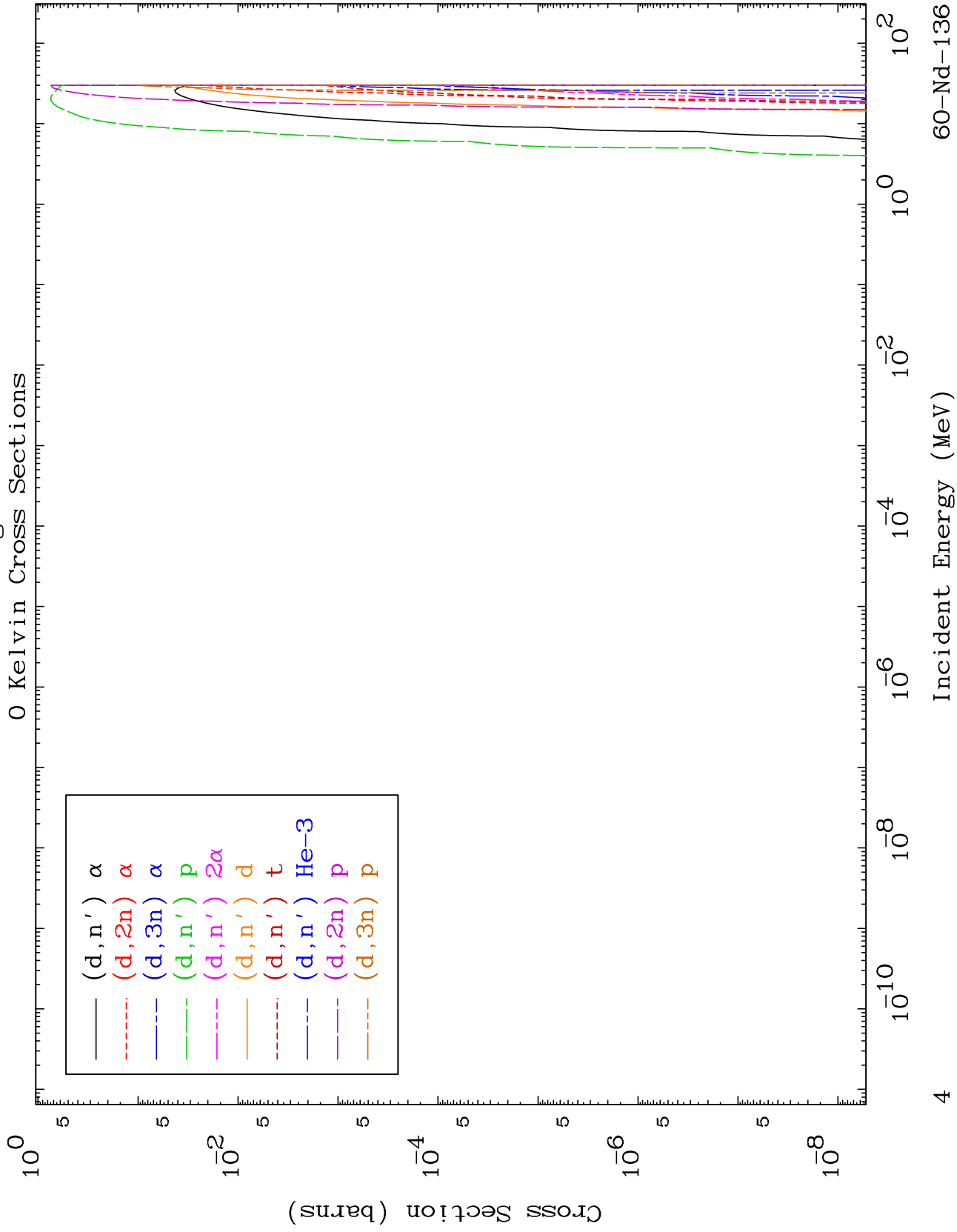




MAT 6007

Deuteron Charged Particle
0 Kelvin Cross Sections

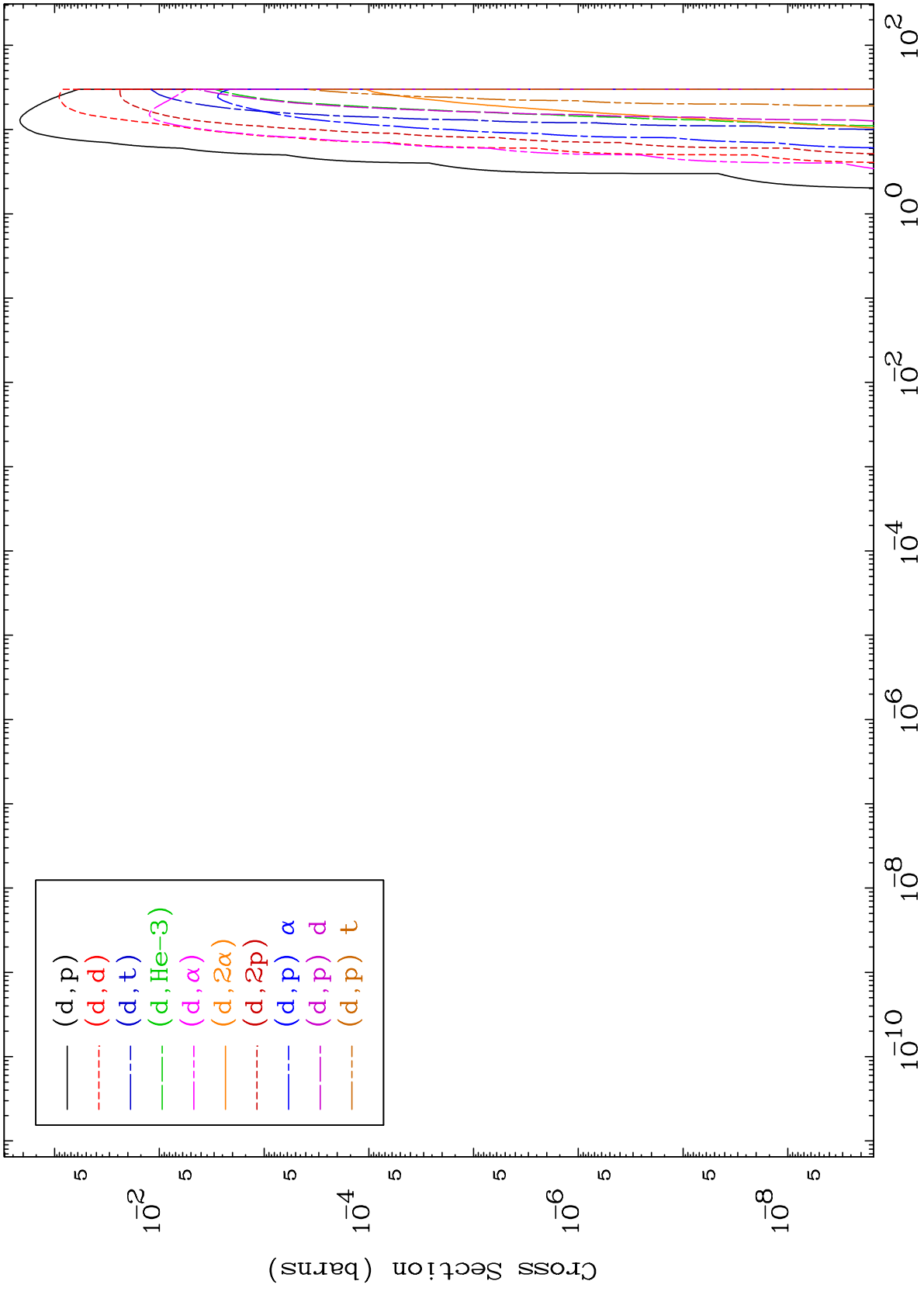
60-Nd-136



MAT 6007

Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-136



5

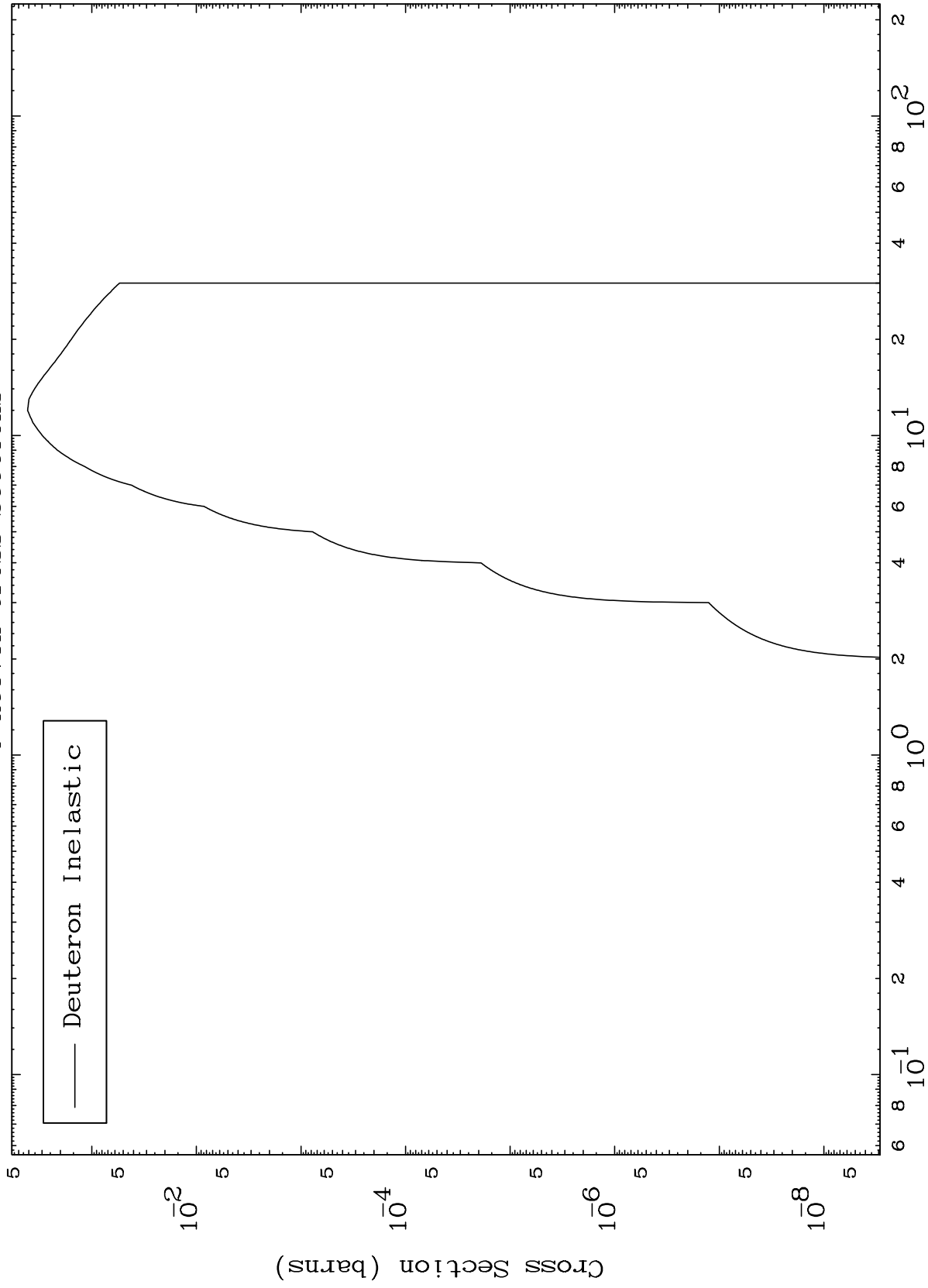
Incident Energy (MeV)

60-Nd-136

MAT 6007

(d,n') Level
0 Kelvin Cross Sections

60-Nd-136



6

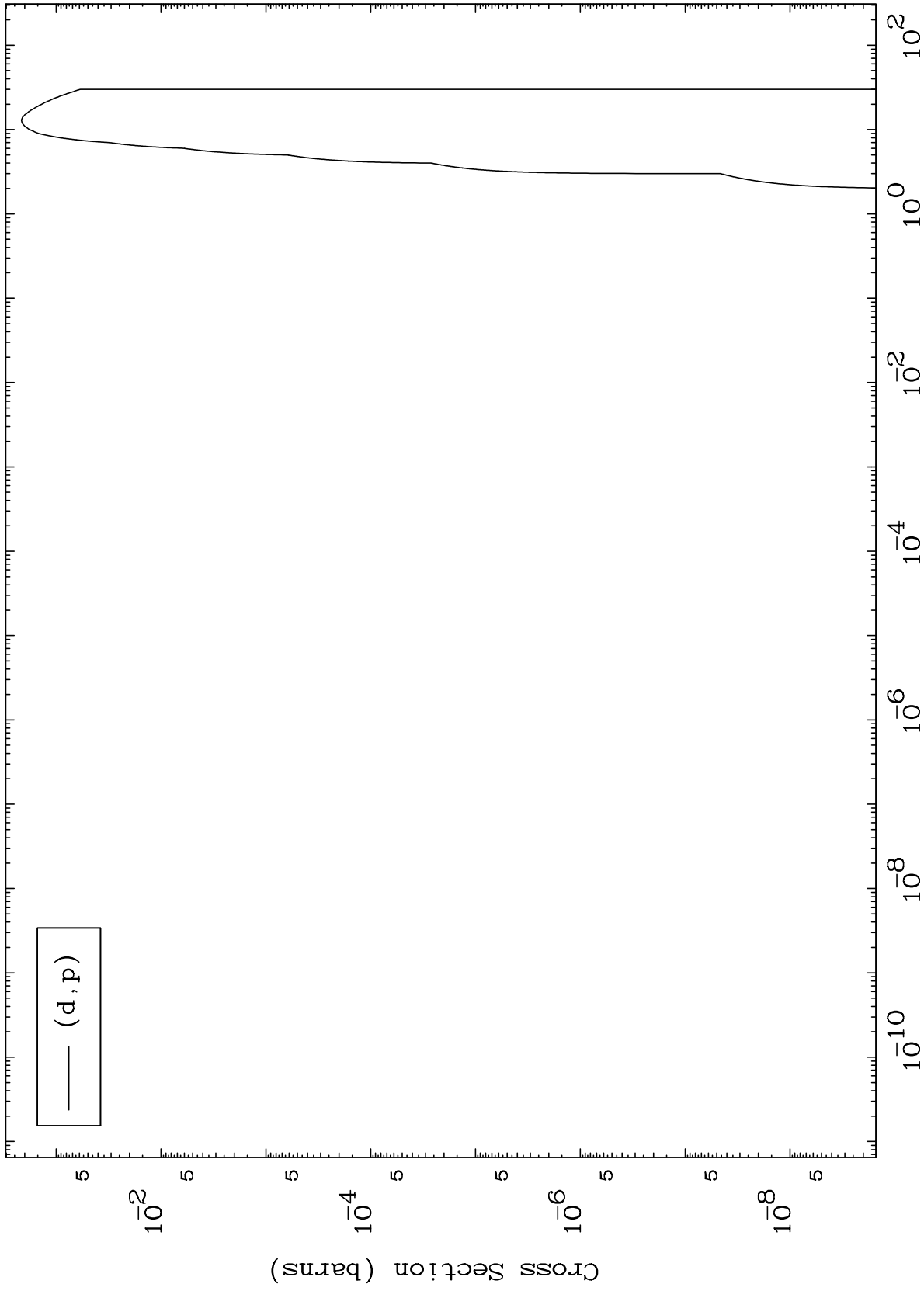
Incident Energy (MeV)

60-Nd-136

MAT 6007

(d,p) Levels
0 Kelvin Cross Sections

60-Nd-136



7

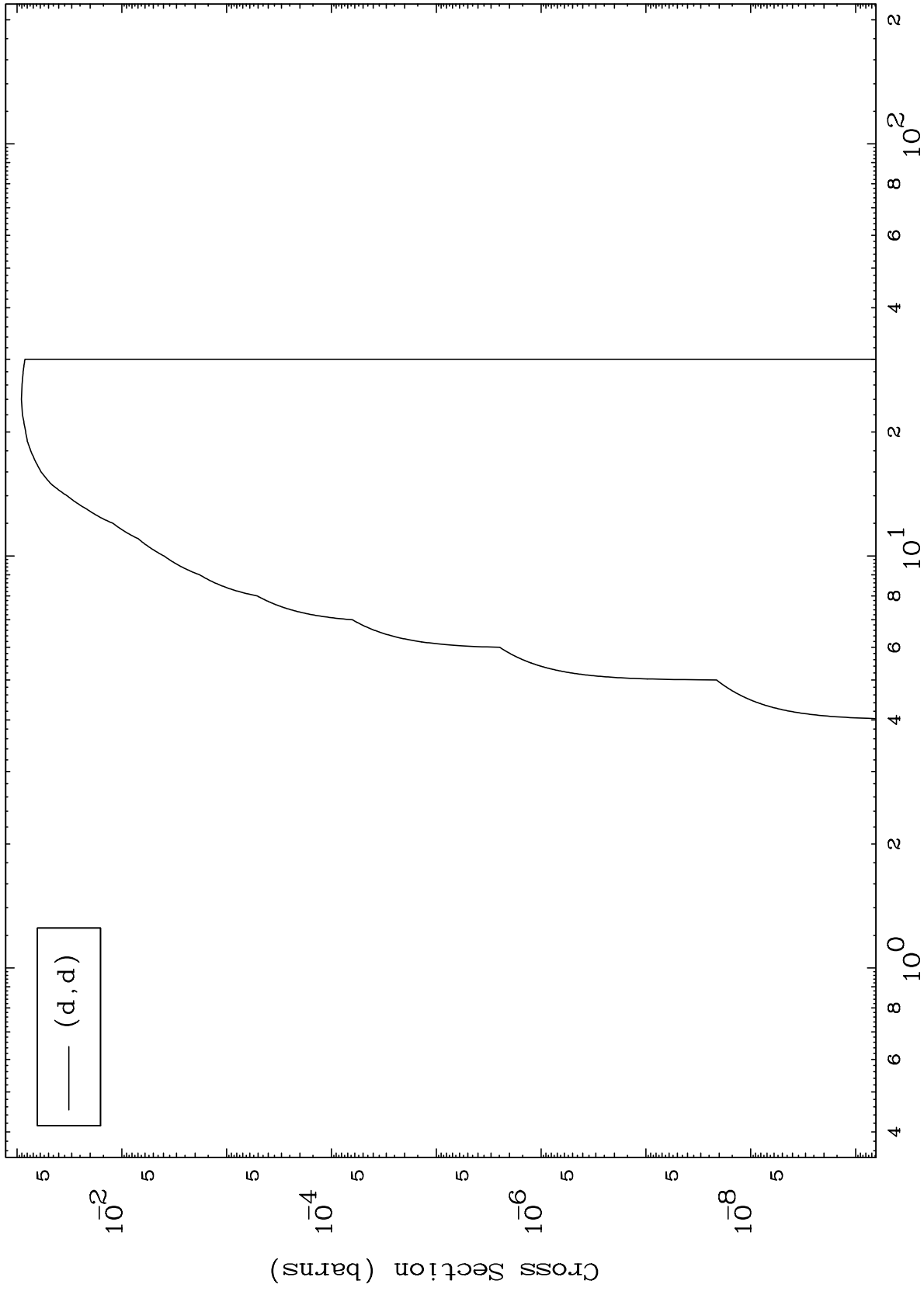
Incident Energy (MeV)

60-Nd-136

MAT 6007

(d,d) Levels
0 Kelvin Cross Sections

60-Nd-136



8

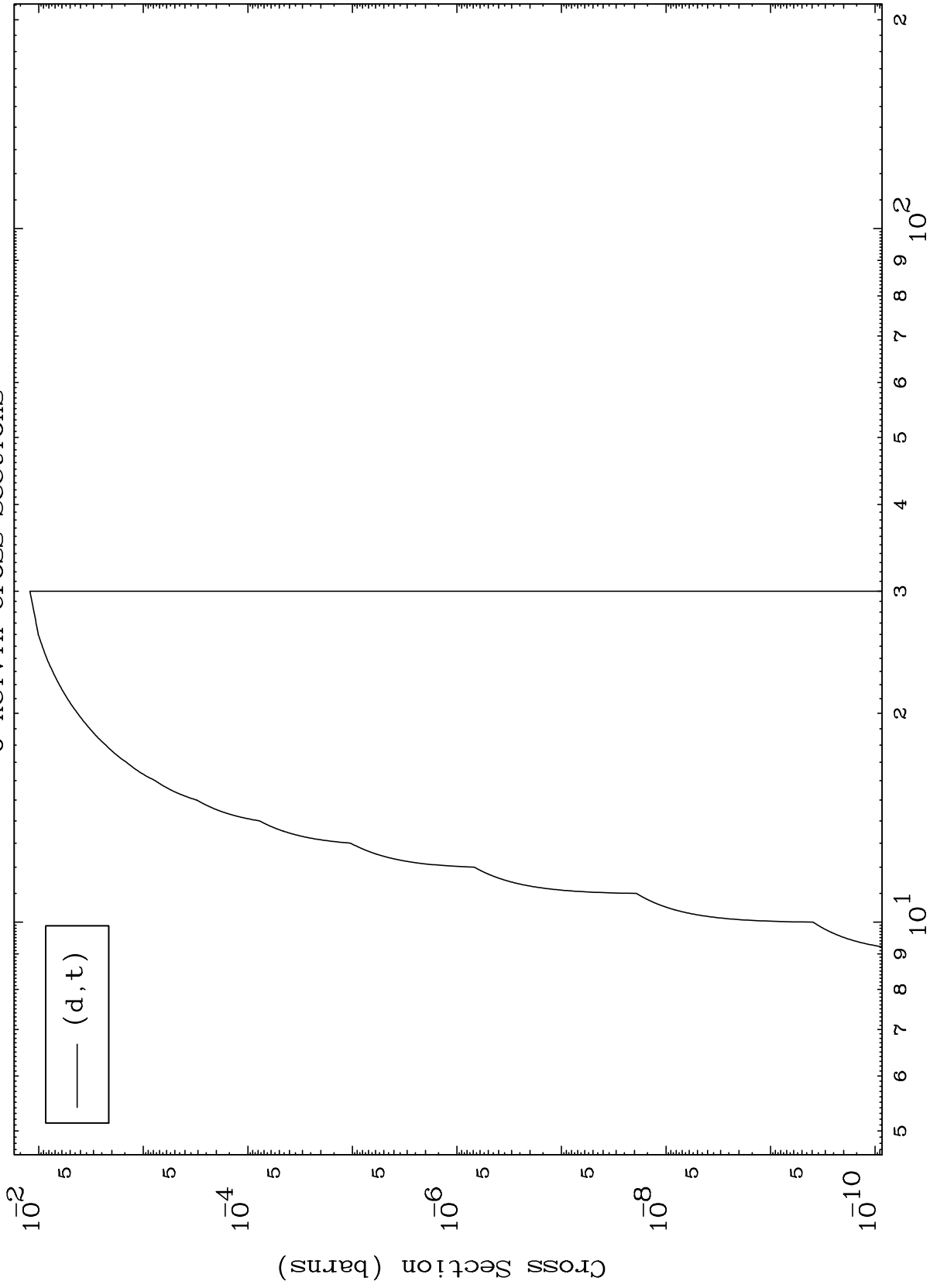
Incident Energy (MeV)

60-Nd-136

MAT 6007

(d,t) Levels
0 Kelvin Cross Sections

60-Nd-136



9

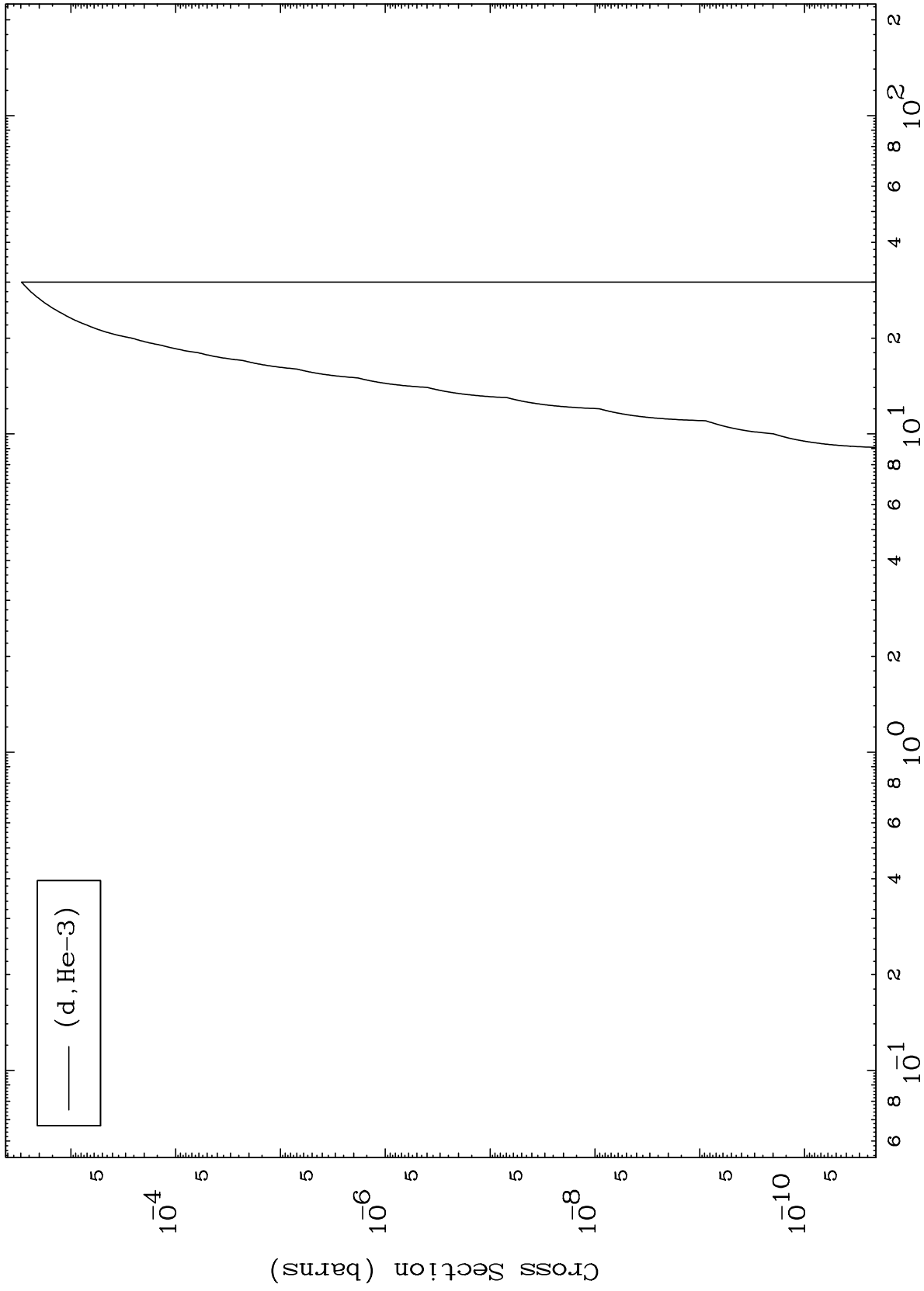
Incident Energy (MeV)

60-Nd-136

MAT 6007

(d,He3) Levels
0 Kelvin Cross Sections

60-Nd-136



10

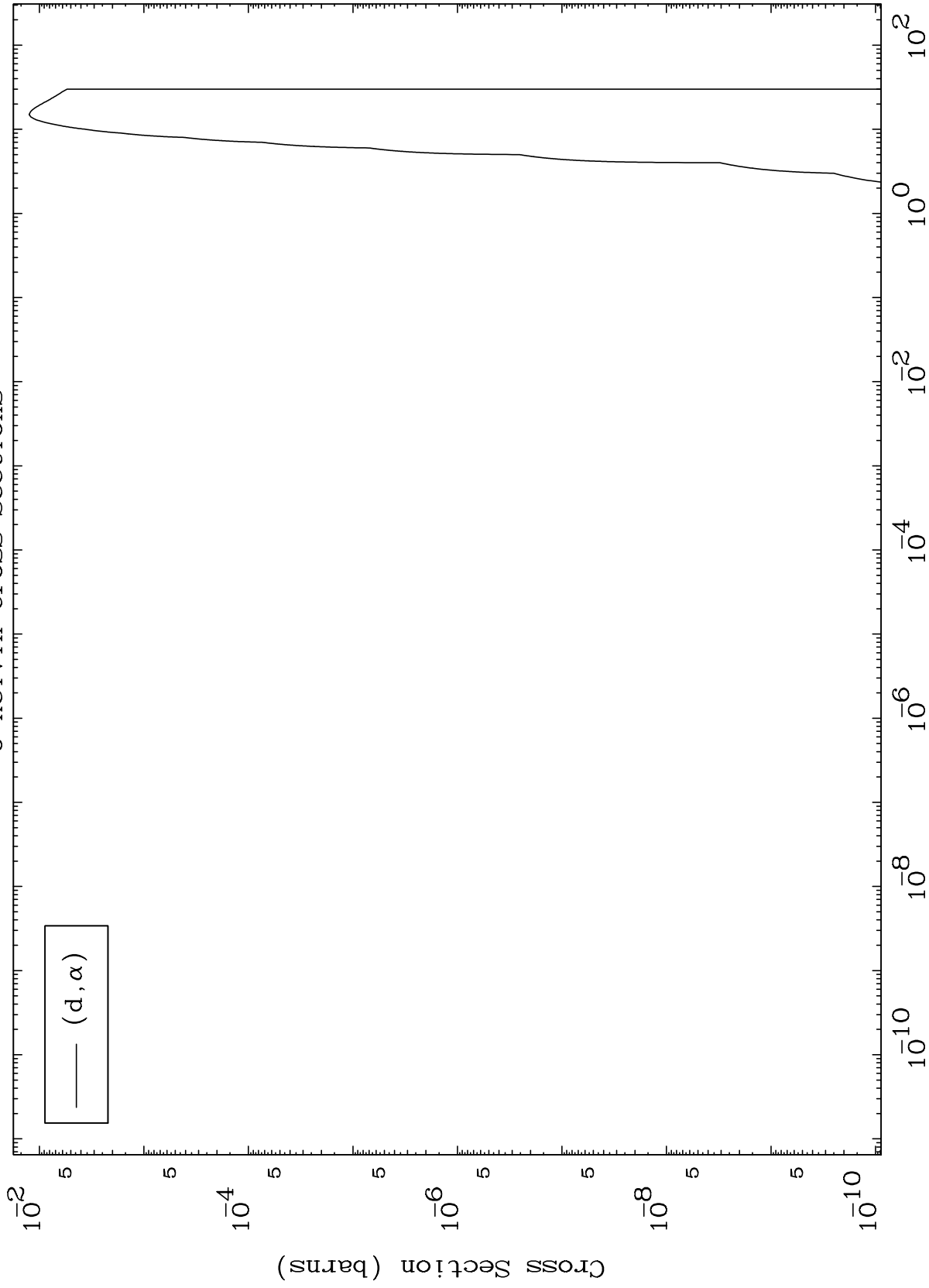
Incident Energy (MeV)

60-Nd-136

MAT 6007

(d, α) Levels
0 Kelvin Cross Sections

60-Nd-136



11

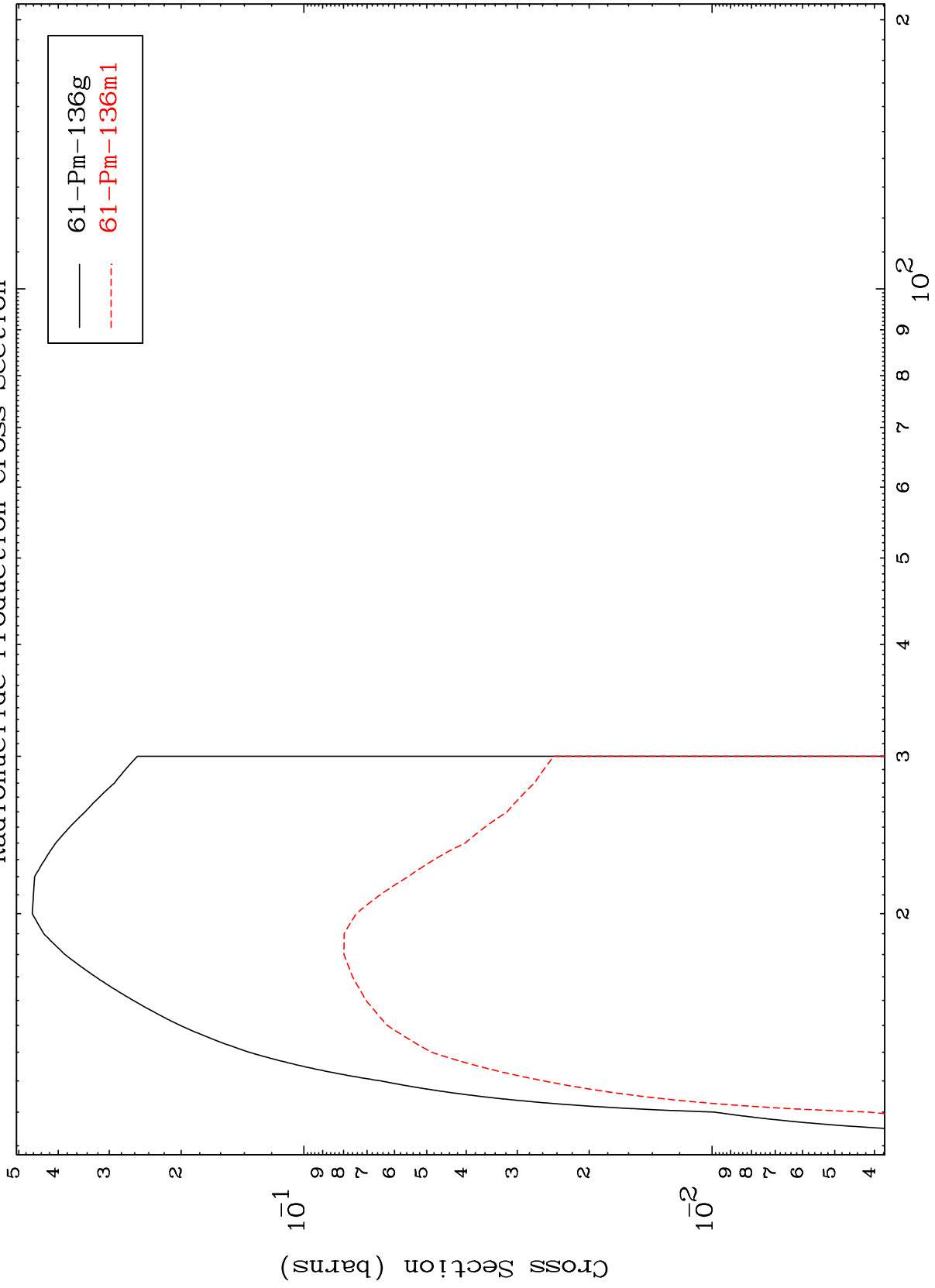
Incident Energy (MeV)

60-Nd-136

MAT 6007

60-Nd-136

(d,2n)
Radionuclide Production Cross Section



12

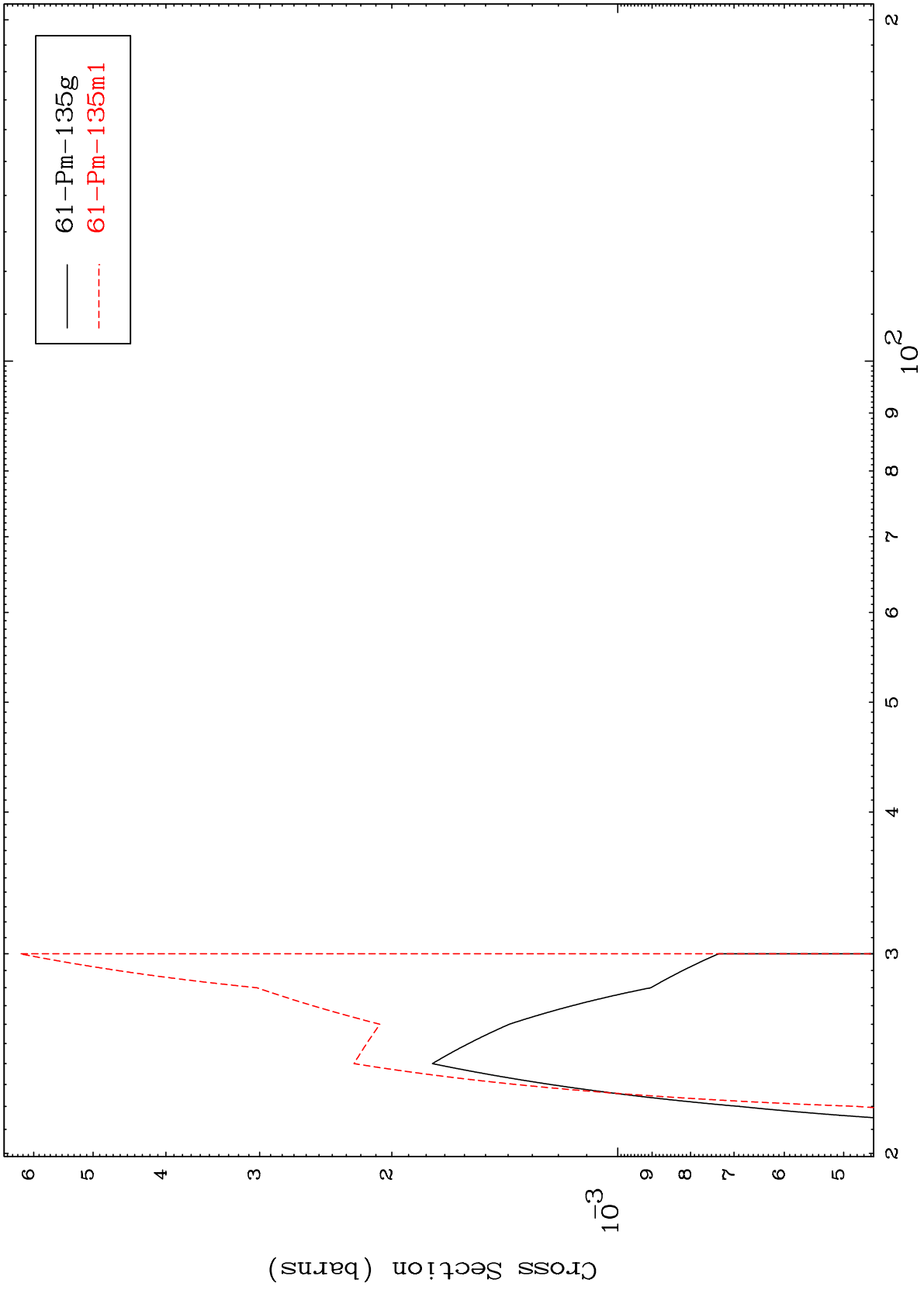
Incident Energy (MeV)

60-Nd-136

MAT 6007

60-Nd-136

(d,3n)
Radionuclide Production Cross Section



13

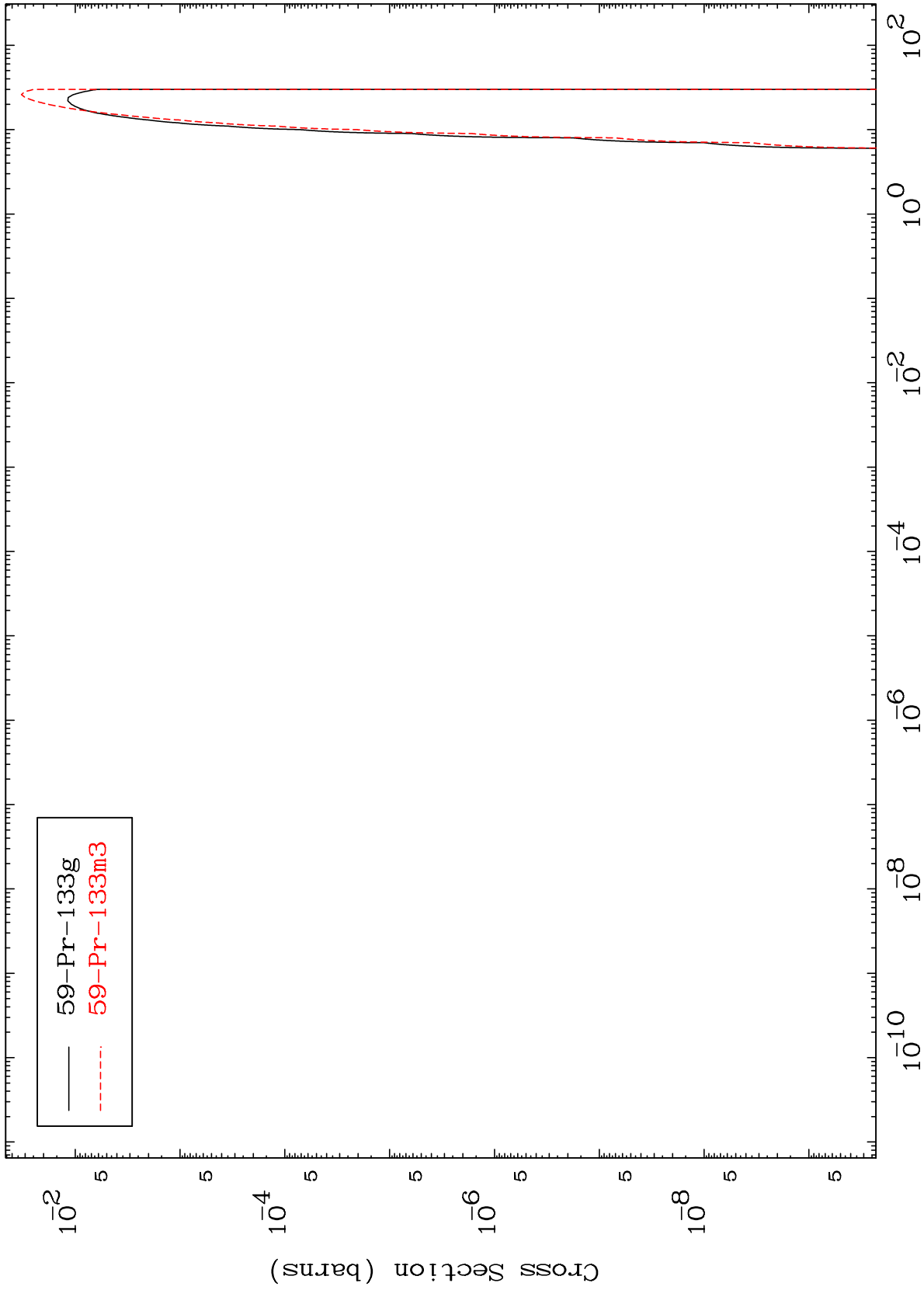
60-Nd-136

MAT 6007

(d,n') α

60-Nd-136

Radionuclide Production Cross Section

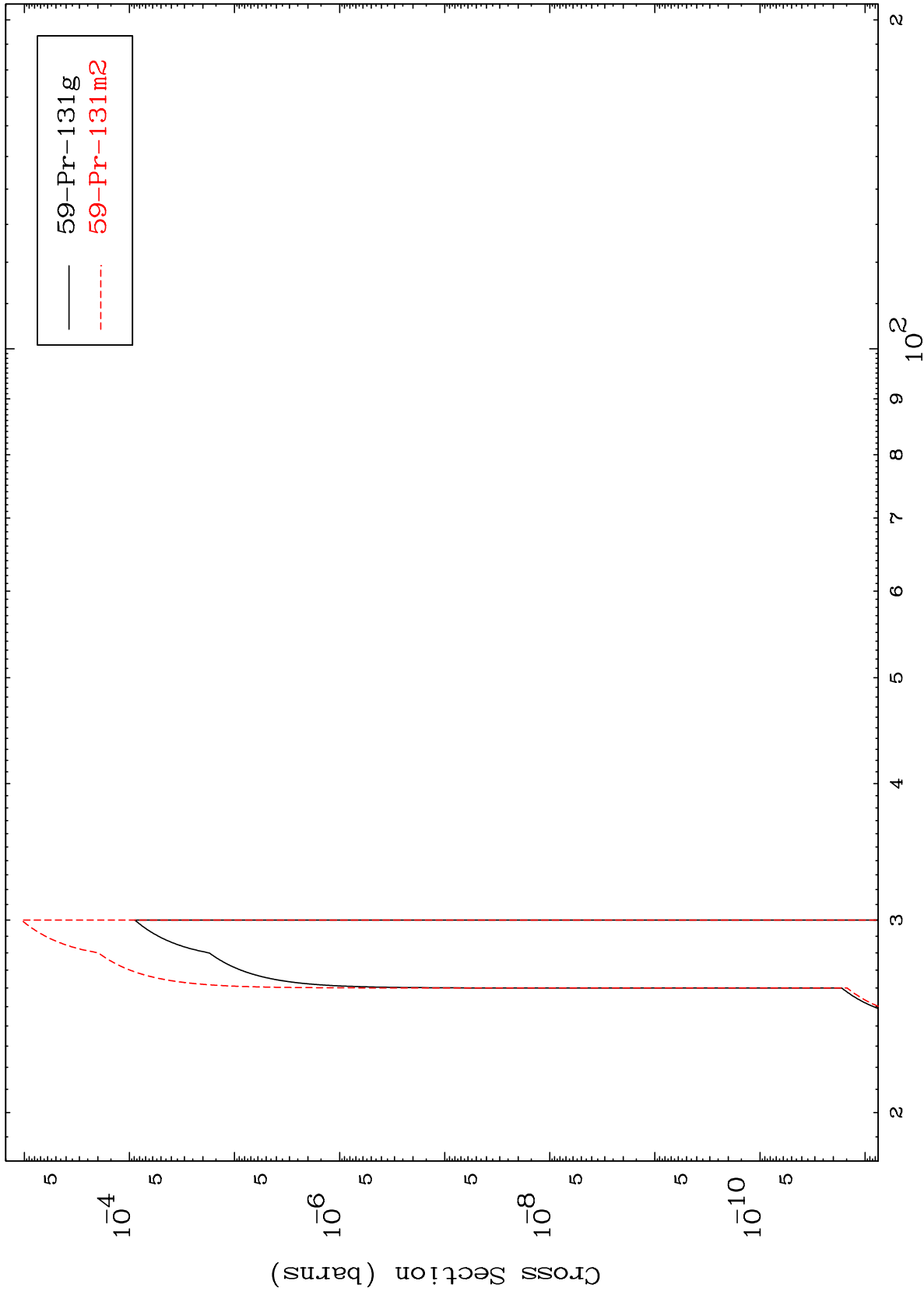


MAT 6007

(d,3n) α

60-Nd-136

Radionuclide Production Cross Section



15

Incident Energy (MeV)

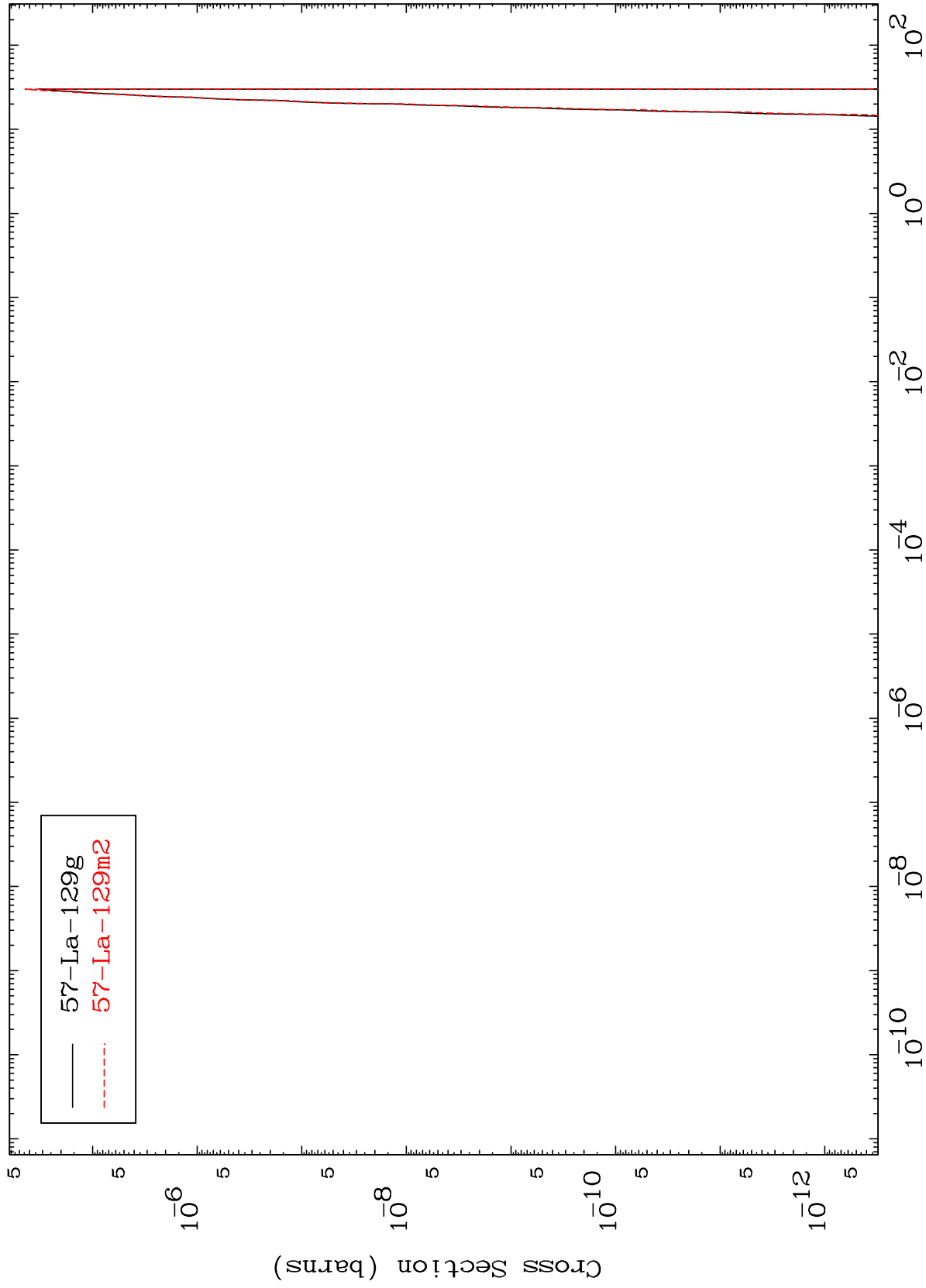
60-Nd-136

MAT 6007

(d,n') 2 α

60-Nd-136

Radionuclide Production Cross Section



16

Incident Energy (MeV)

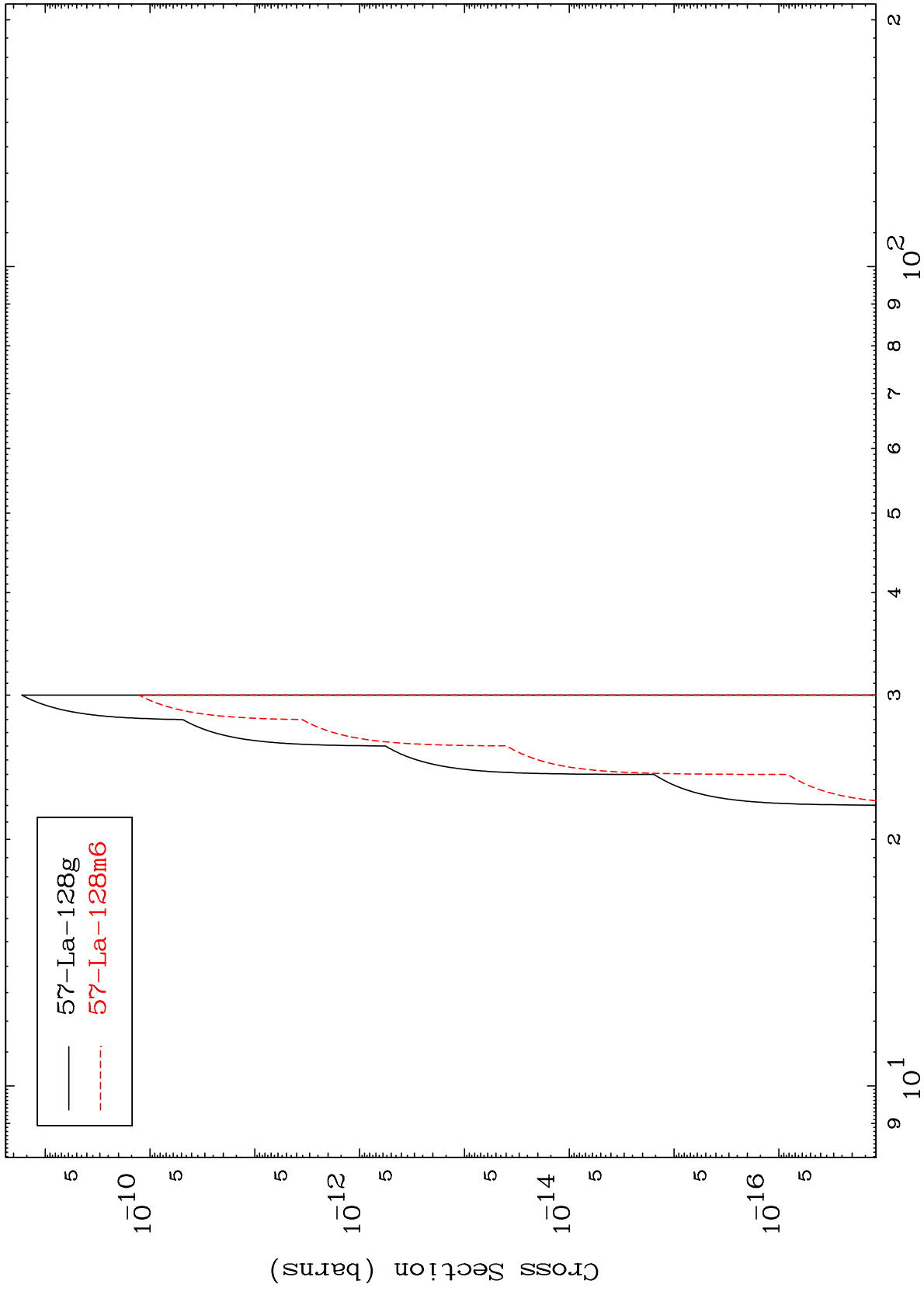
60-Nd-136

MAT 6007

(d,2n) 2 α

60-Nd-136

Radionuclide Production Cross Section



17

Incident Energy (MeV)

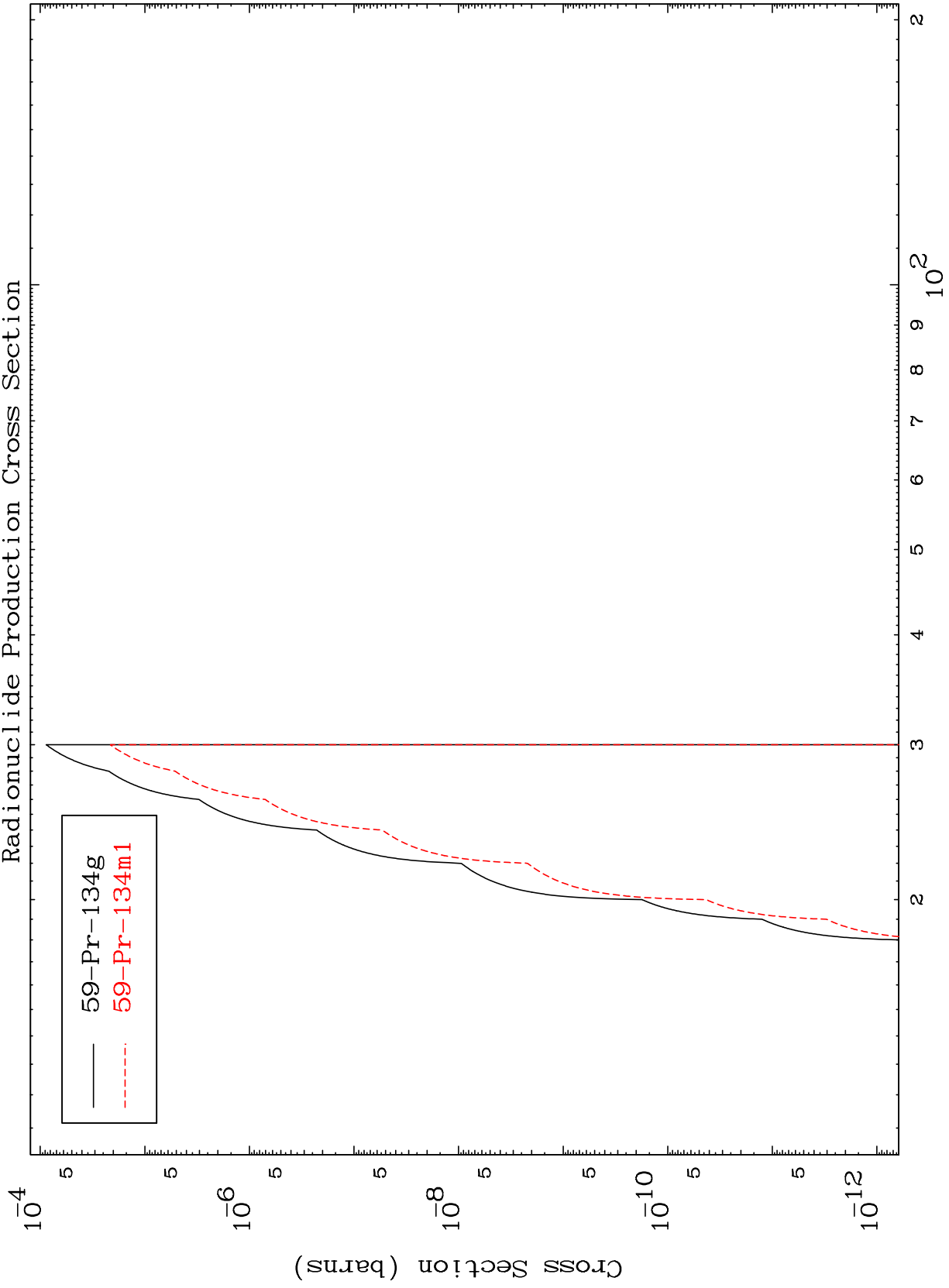
60-Nd-136

MAT 6007

(d, n') He-3

60-Nd-136

Radionuclide Production Cross Section

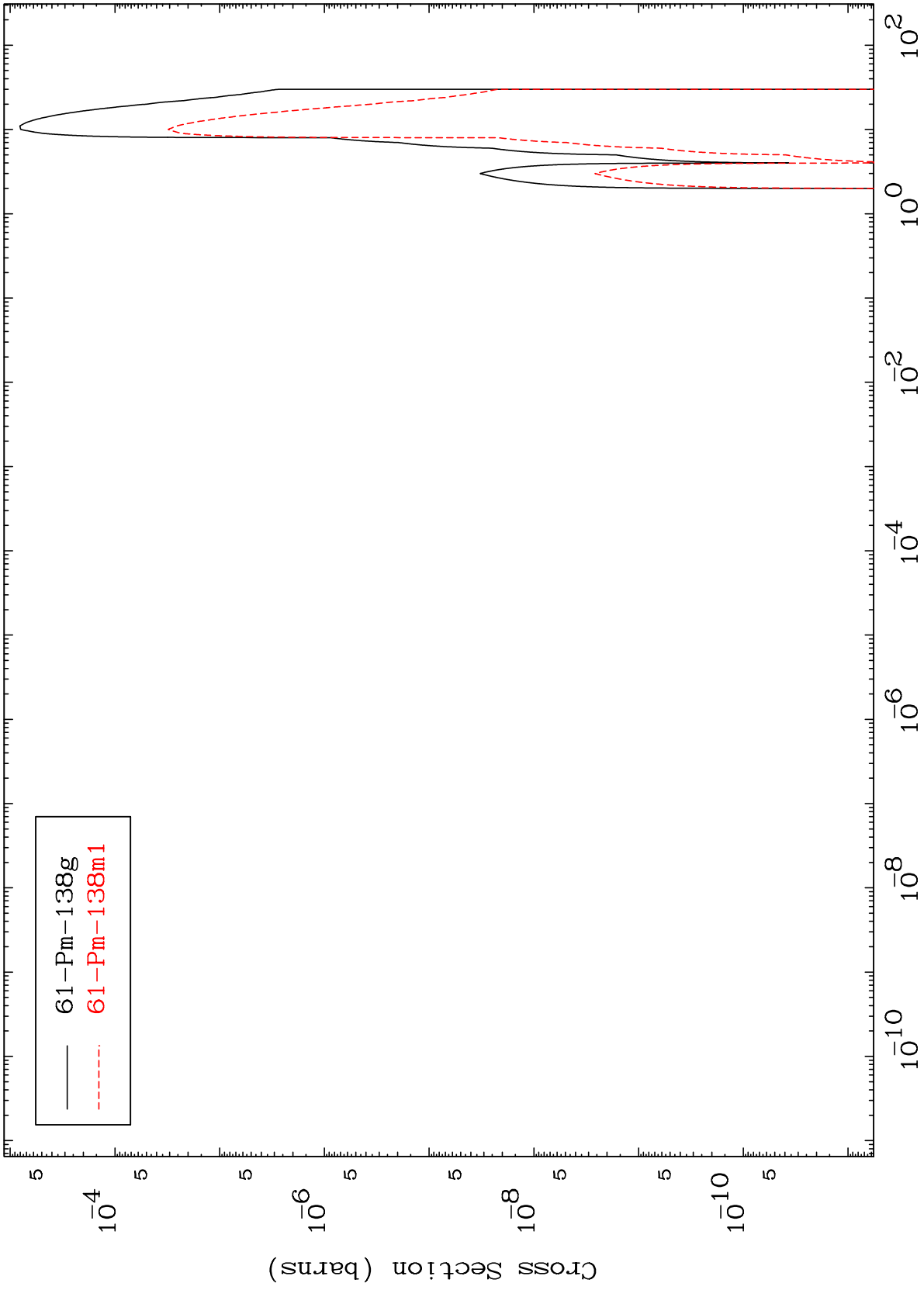


59-Pr-134g
59-Pr-134m1

MAT 6007

Radionuclide Production Cross Section
(d, γ)

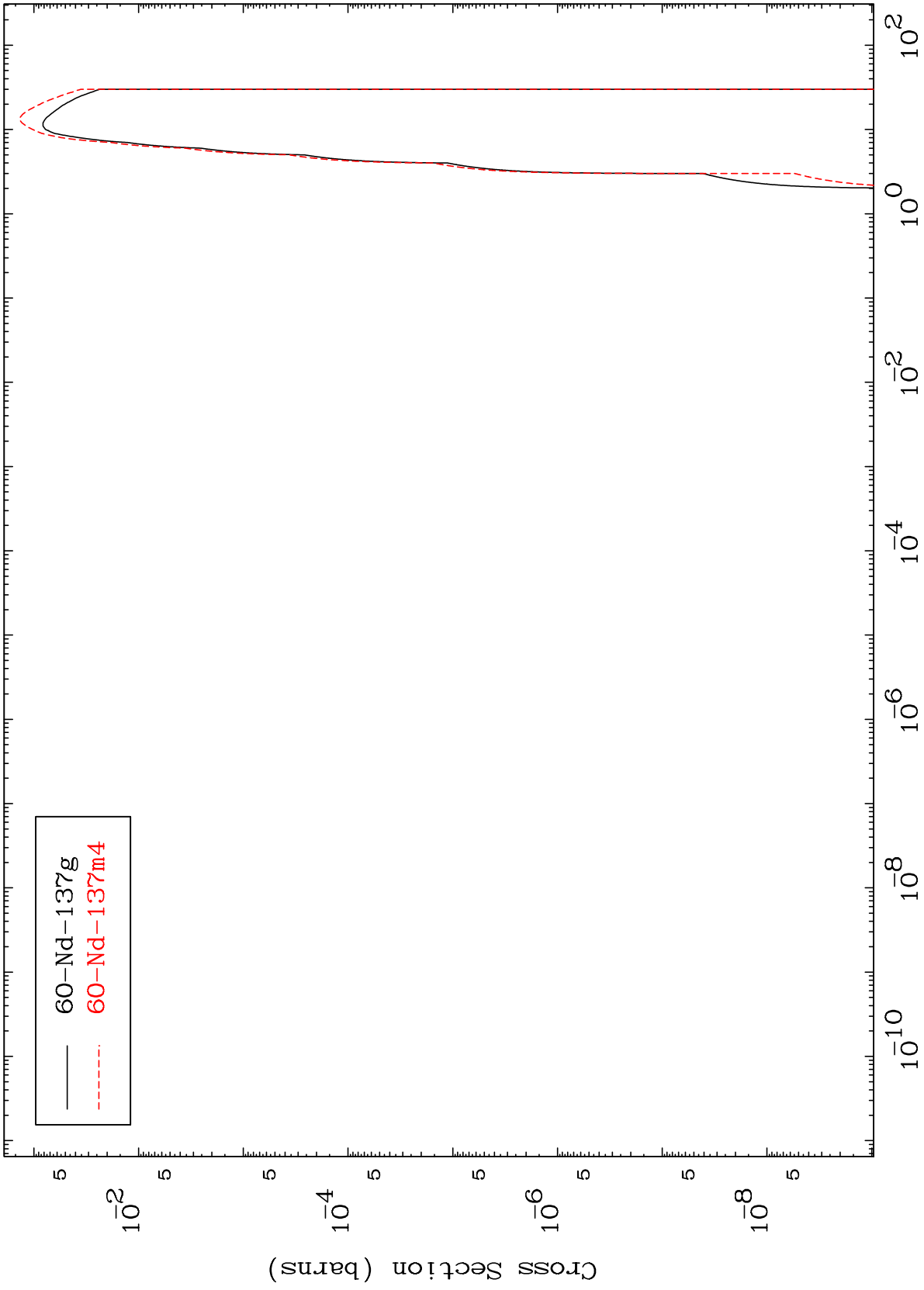
$^{60}\text{Nd}-136$



MAT 6007

(d,p)
Radionuclide Production Cross Section

⁶⁰Nd-136



20

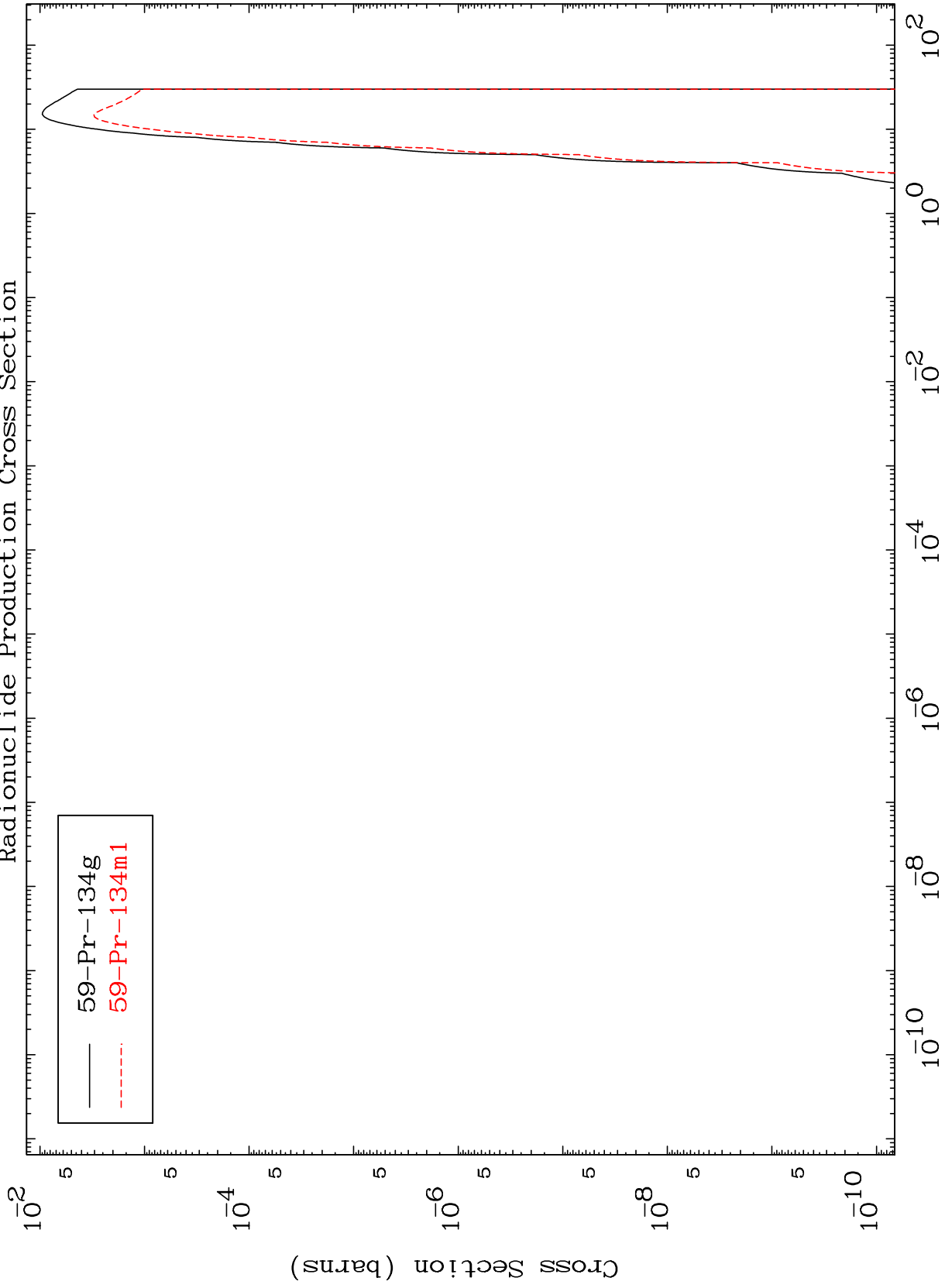
Incident Energy (MeV)

⁶⁰Nd-136

MAT 6007

Radionuclide Production Cross Section
(d, α)

$^{60}\text{Nd-136}$



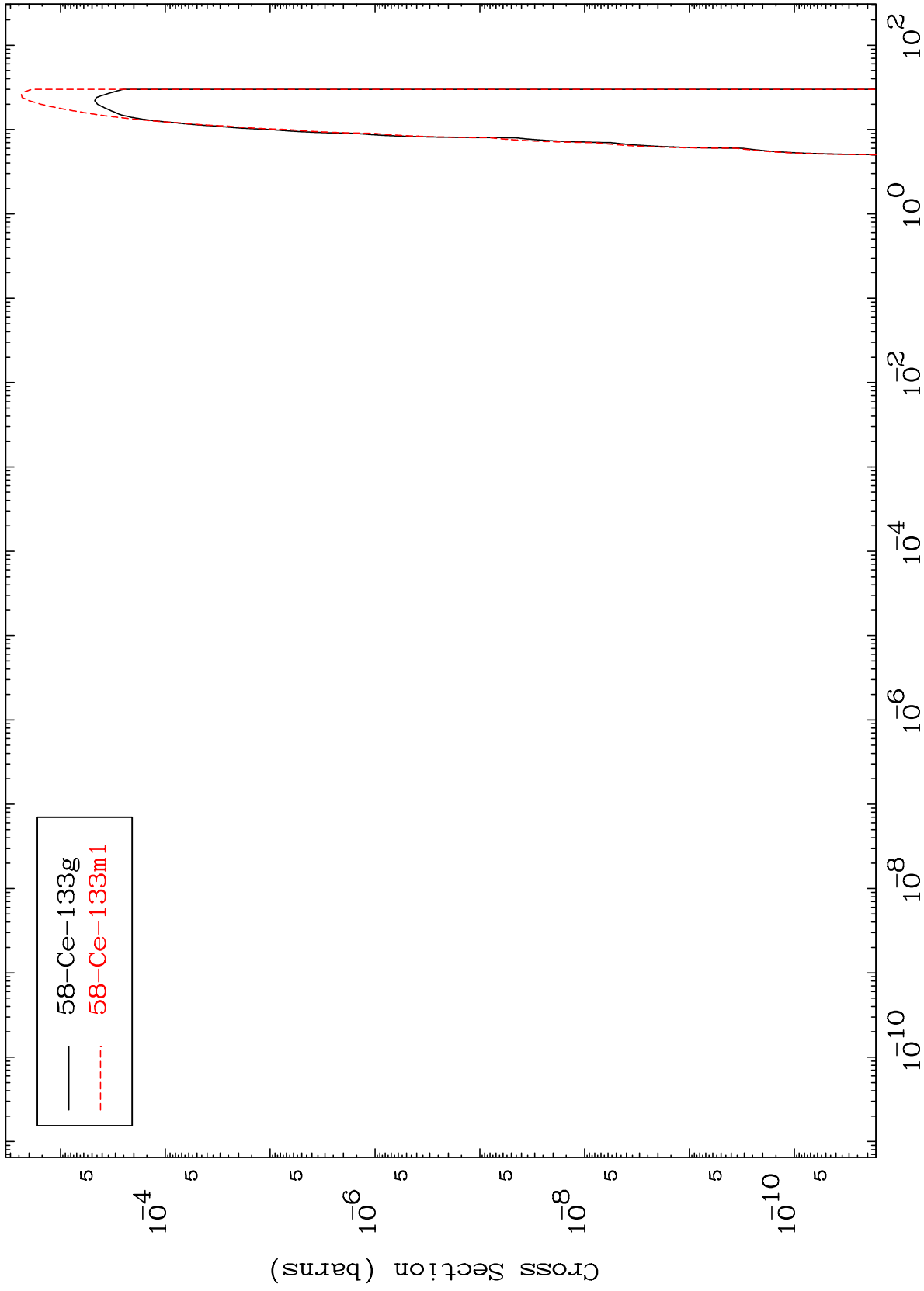
— 59-Pr-134g
- - - 59-Pr-134m1

MAT 6007

(d,p) α

60-Nd-136

Radionuclide Production Cross Section



22

Incident Energy (MeV)

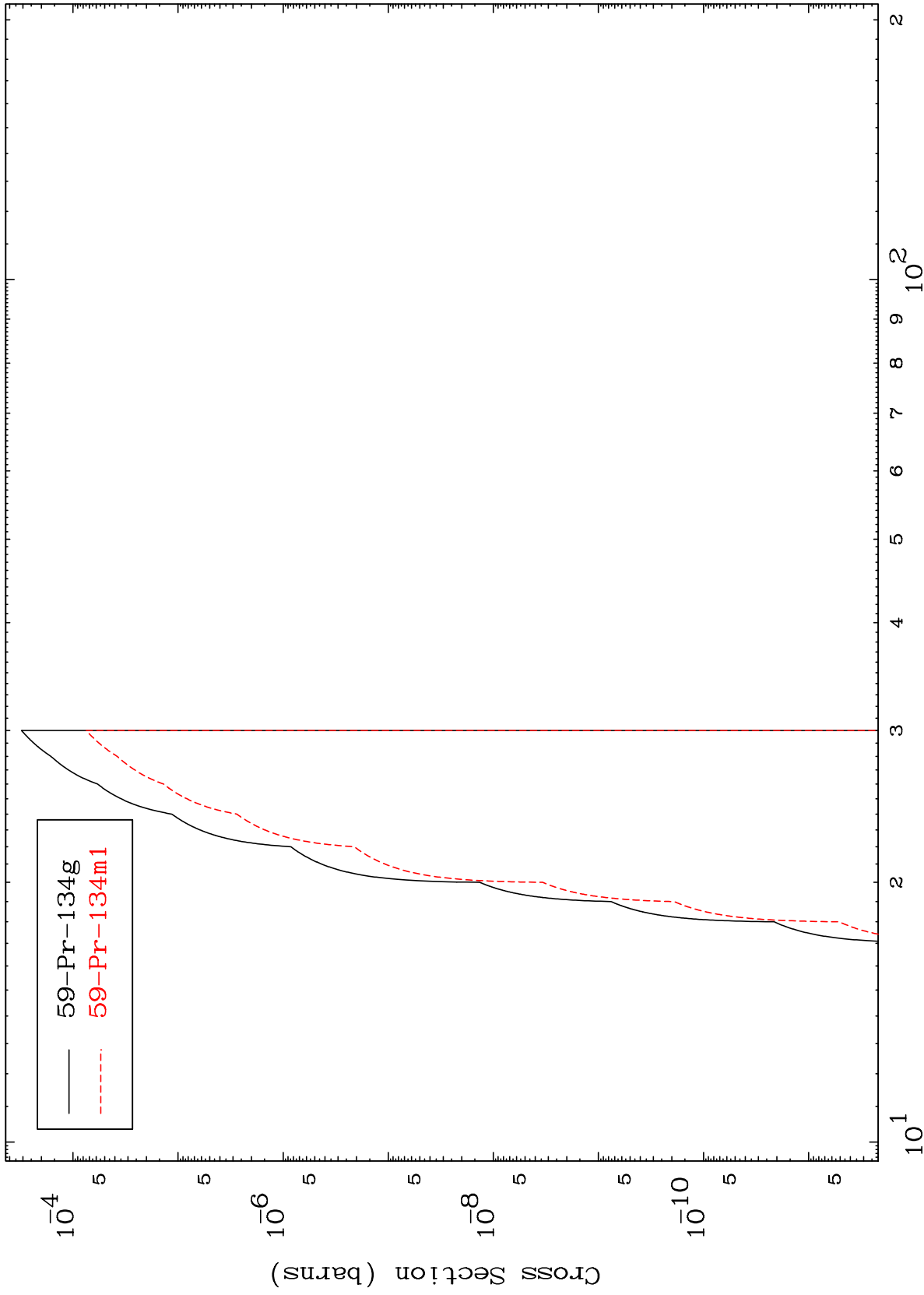
60-Nd-136

MAT 6007

(d,p) t

60-Nd-136

Radionuclide Production Cross Section



23