

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

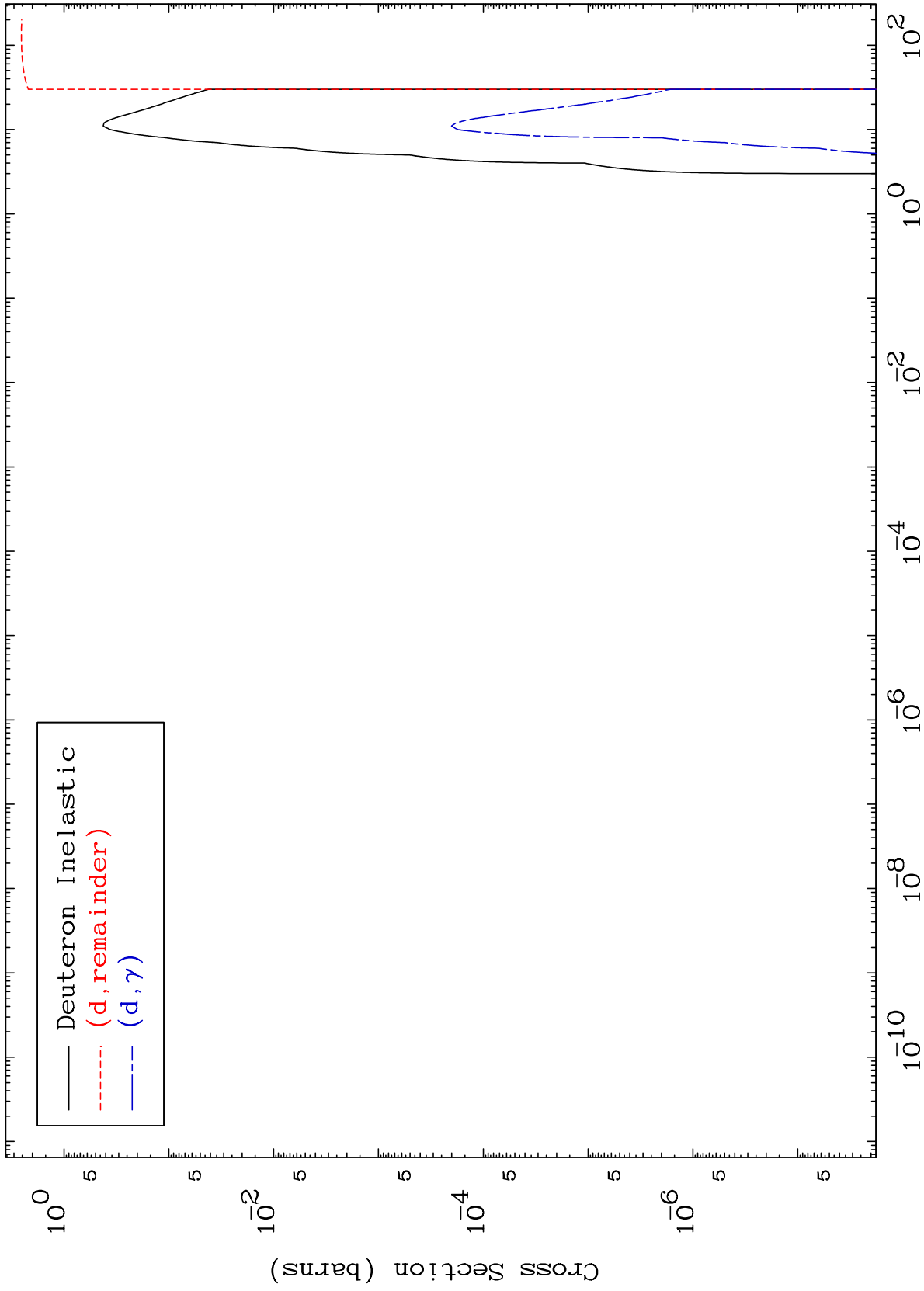
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6223

Deuteron Major
0 Kelvin Cross Sections

62-Sm-143



1

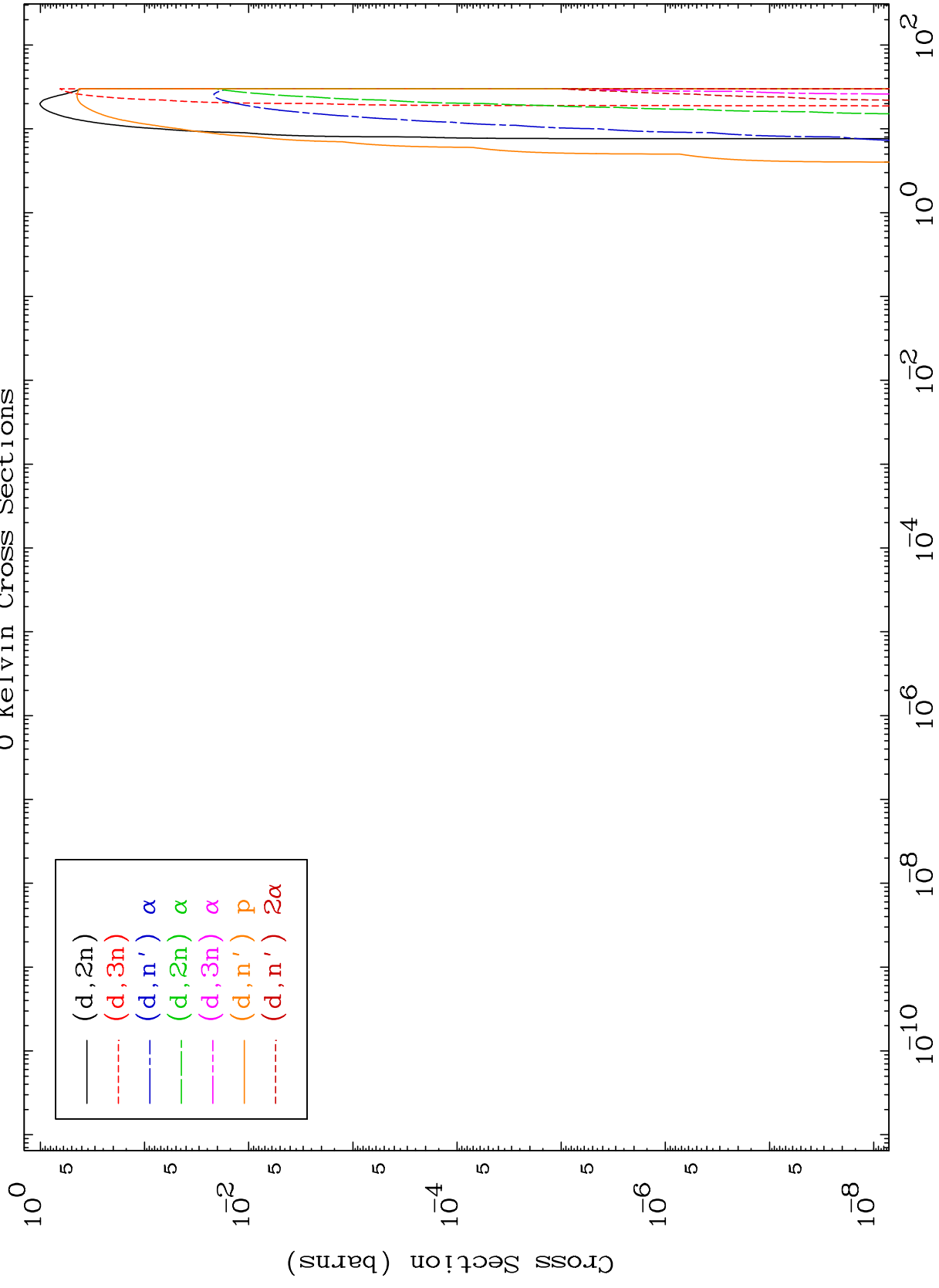
Incident Energy (MeV)

62-Sm-143

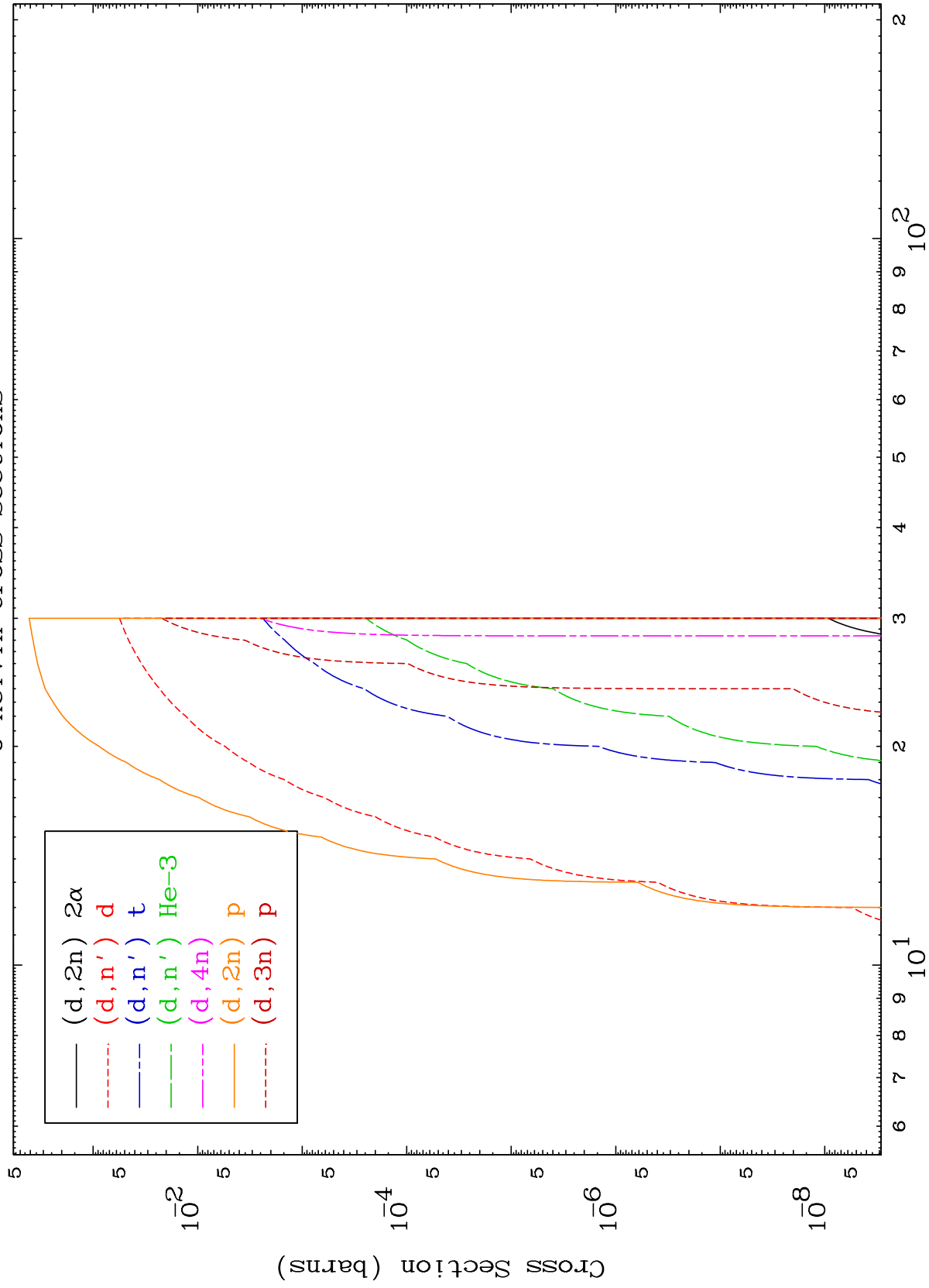
MAT 6223

Deuteron Neutron Production
0 Kelvin Cross Sections

62-Sm-143



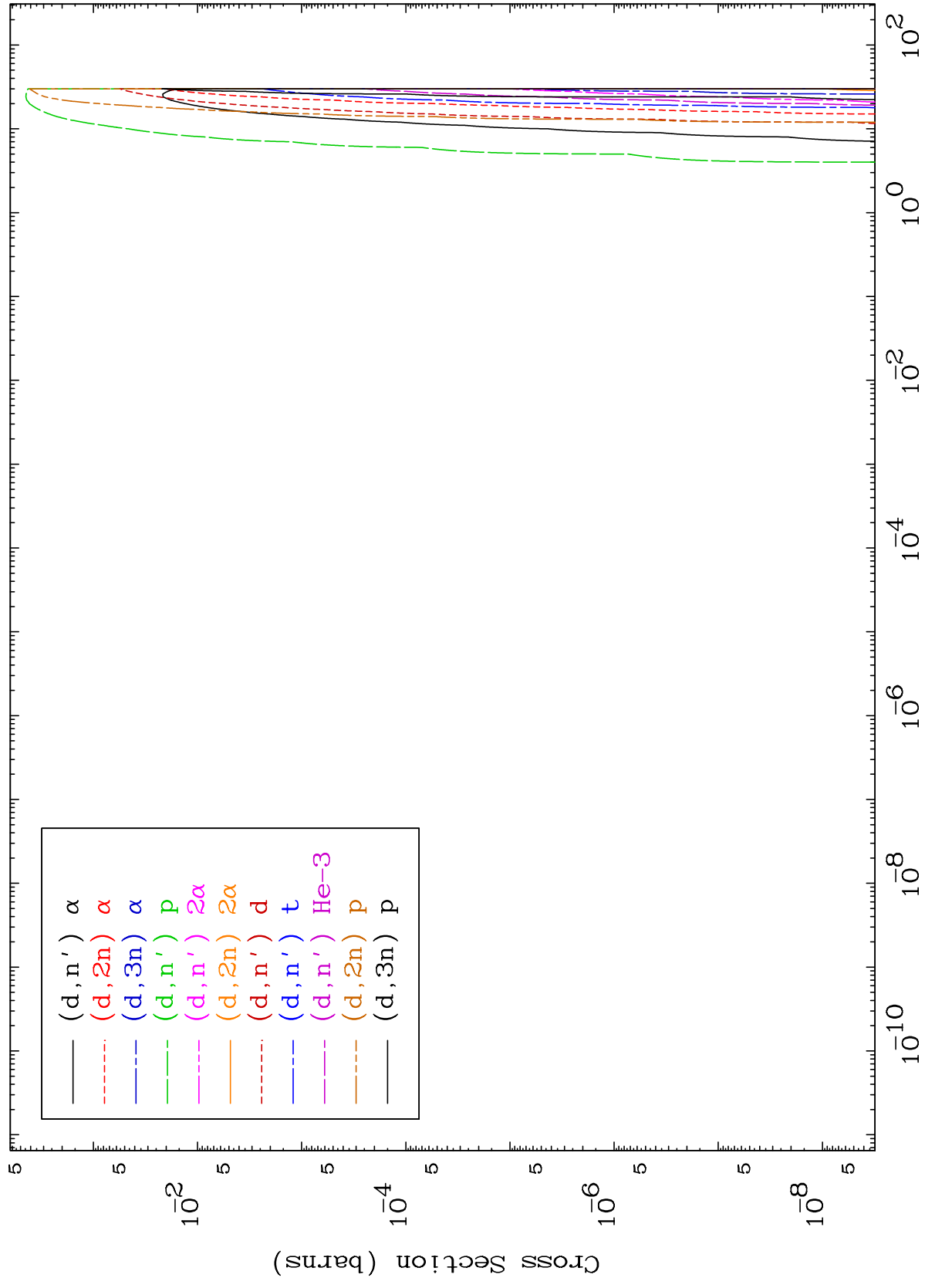
62-Sm-143



MAT 6223

Deuteron Charged Particle
0 Kelvin Cross Sections

62-Sm-143

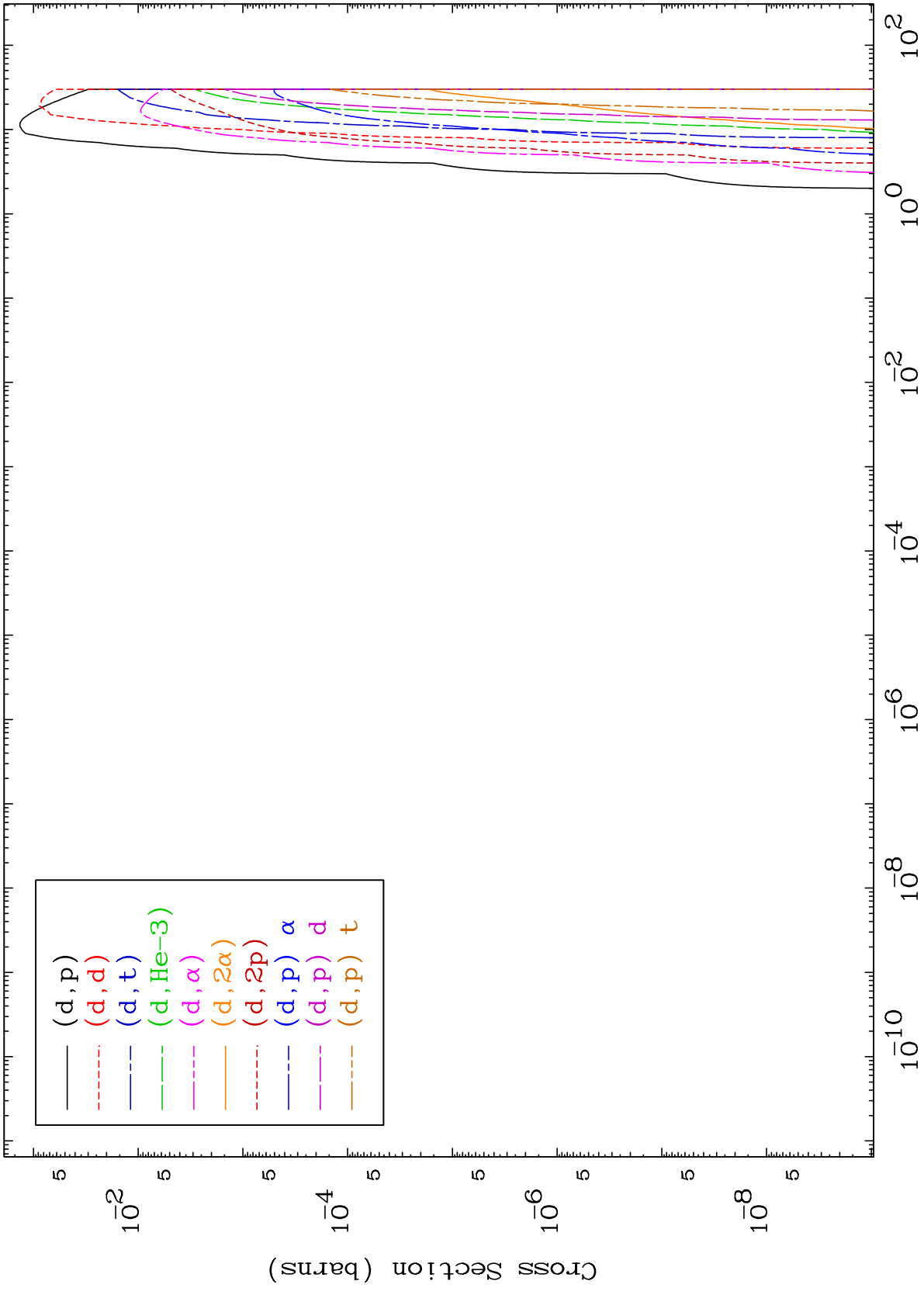


62-Sm-143

MAT 6223

Deuteron Charged Particle
0 Kelvin Cross Sections

62-Sm-143



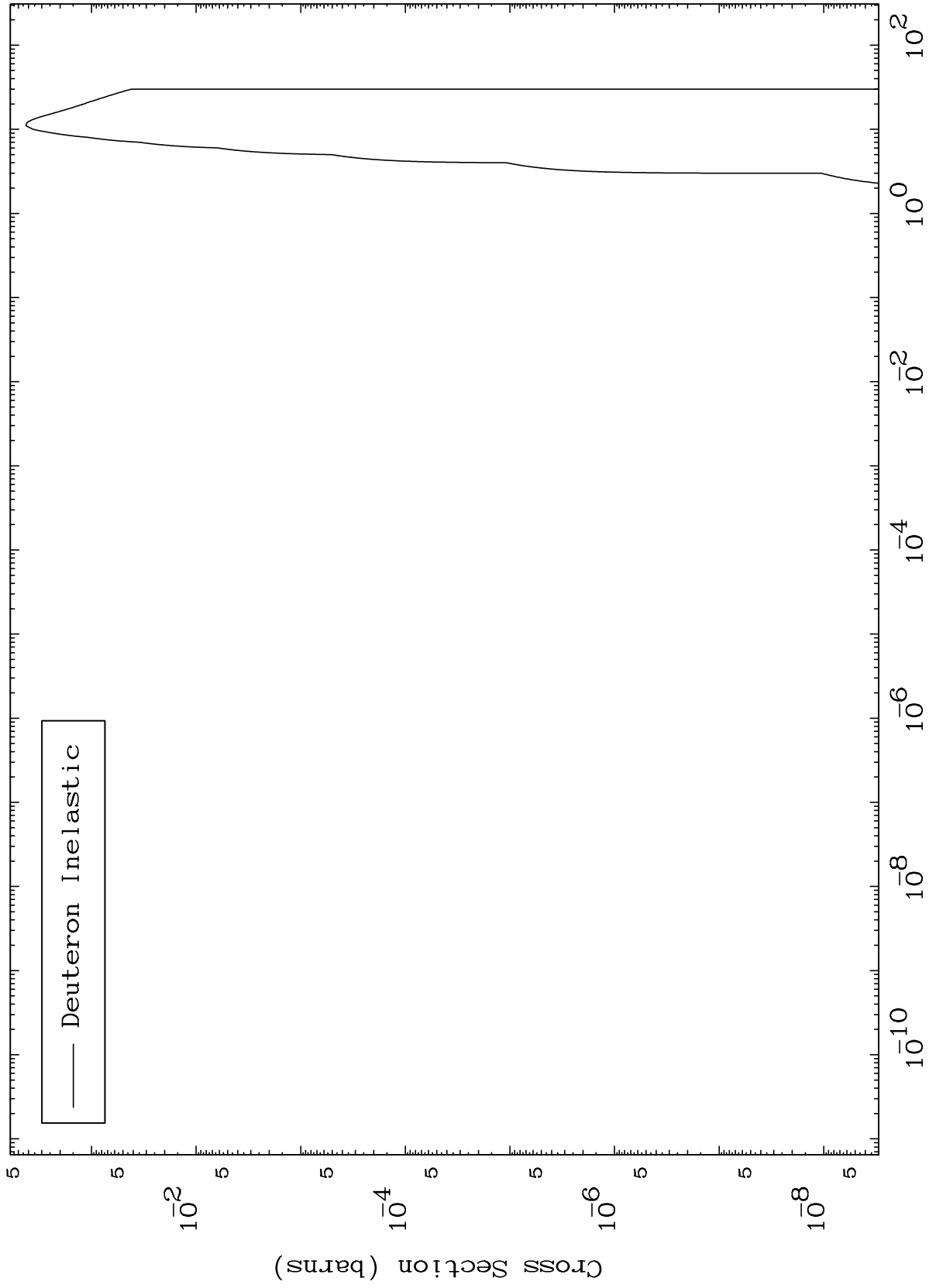
5

62-Sm-143

MAT 6223

(d,n') Level
0 Kelvin Cross Sections

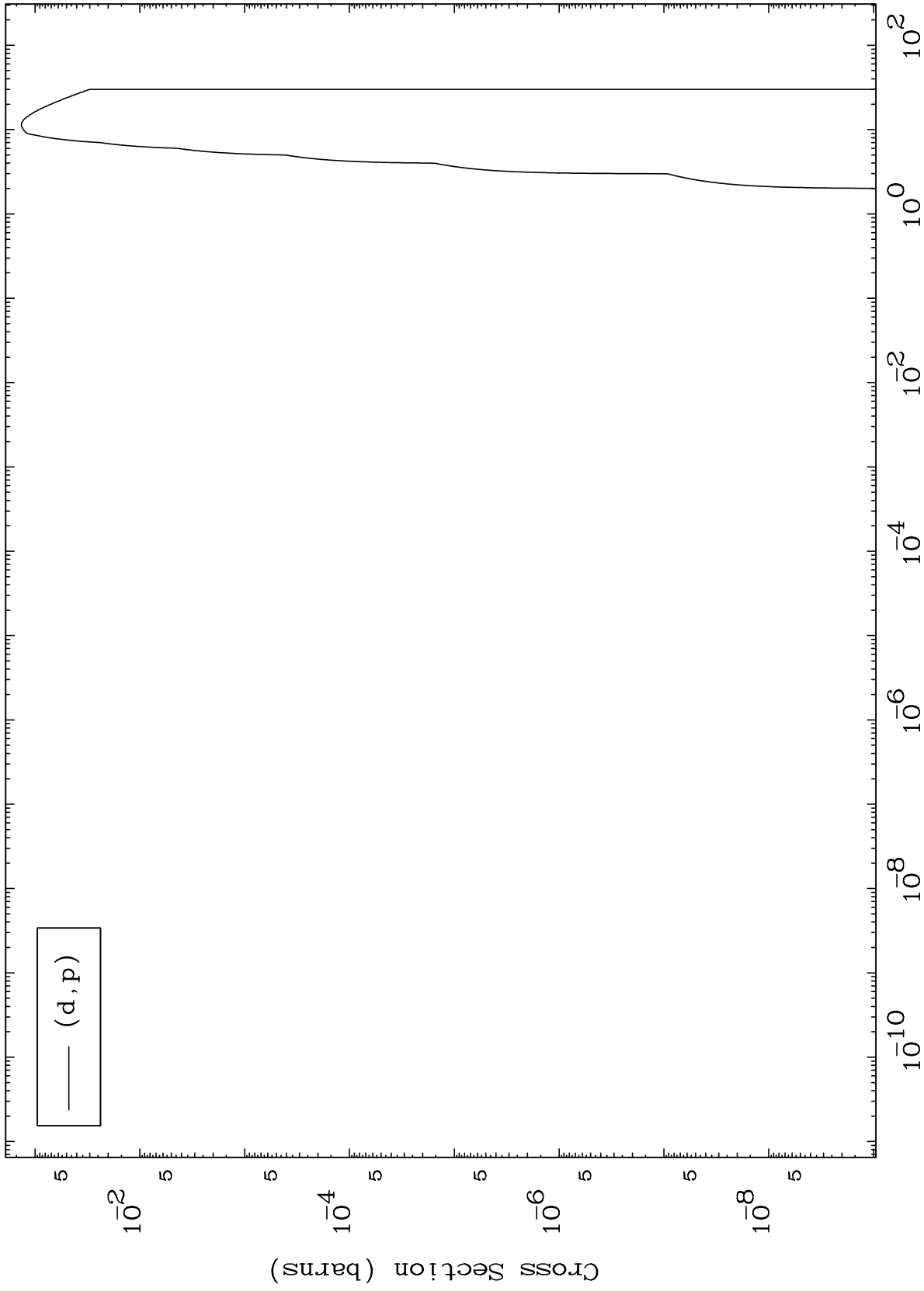
62-Sm-143



MAT 6223

(d,p) Levels
0 Kelvin Cross Sections

62-Sm-143



7

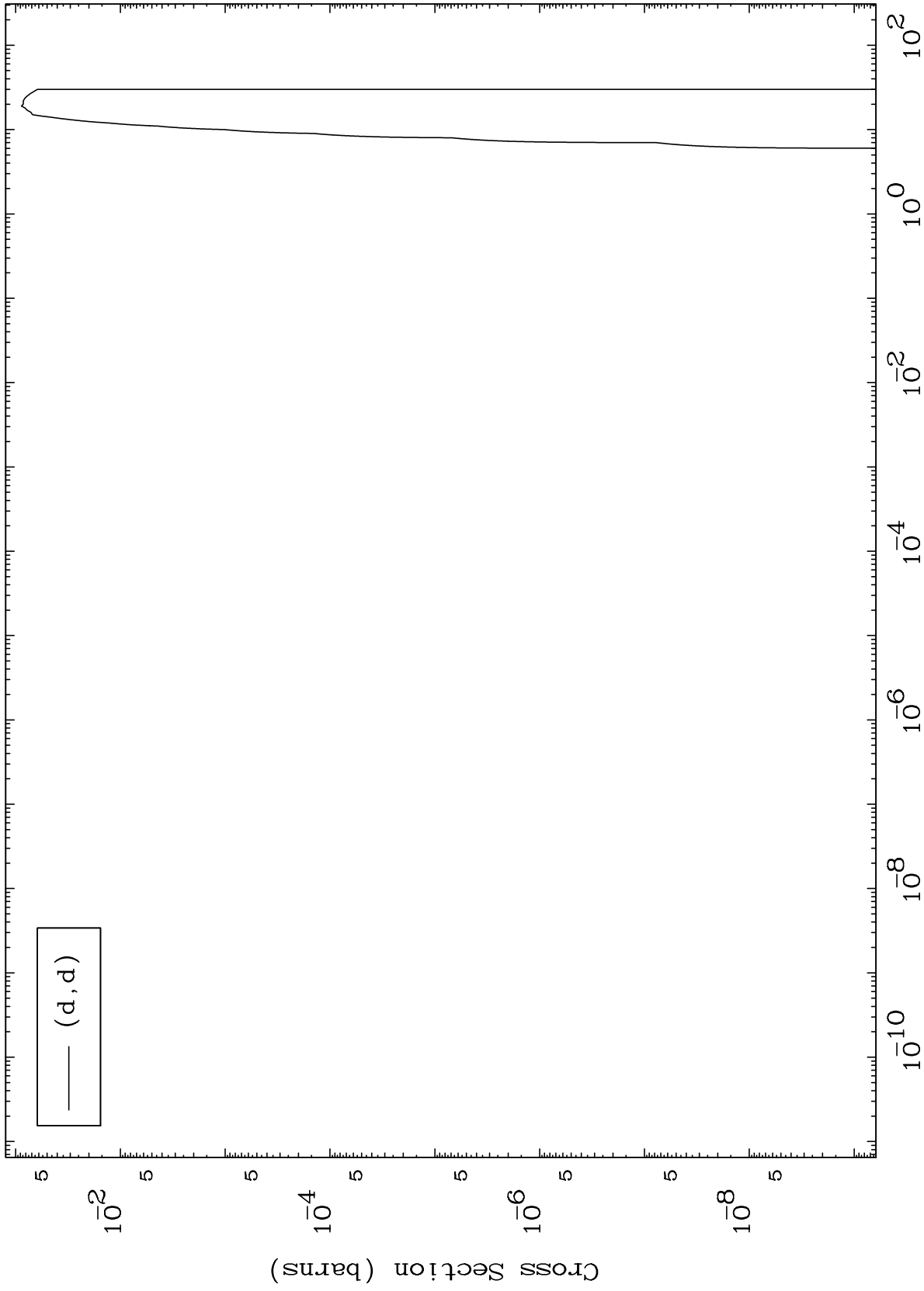
Incident Energy (MeV)

62-Sm-143

MAT 6223

(d,d) Levels
0 Kelvin Cross Sections

62-Sm-143



8

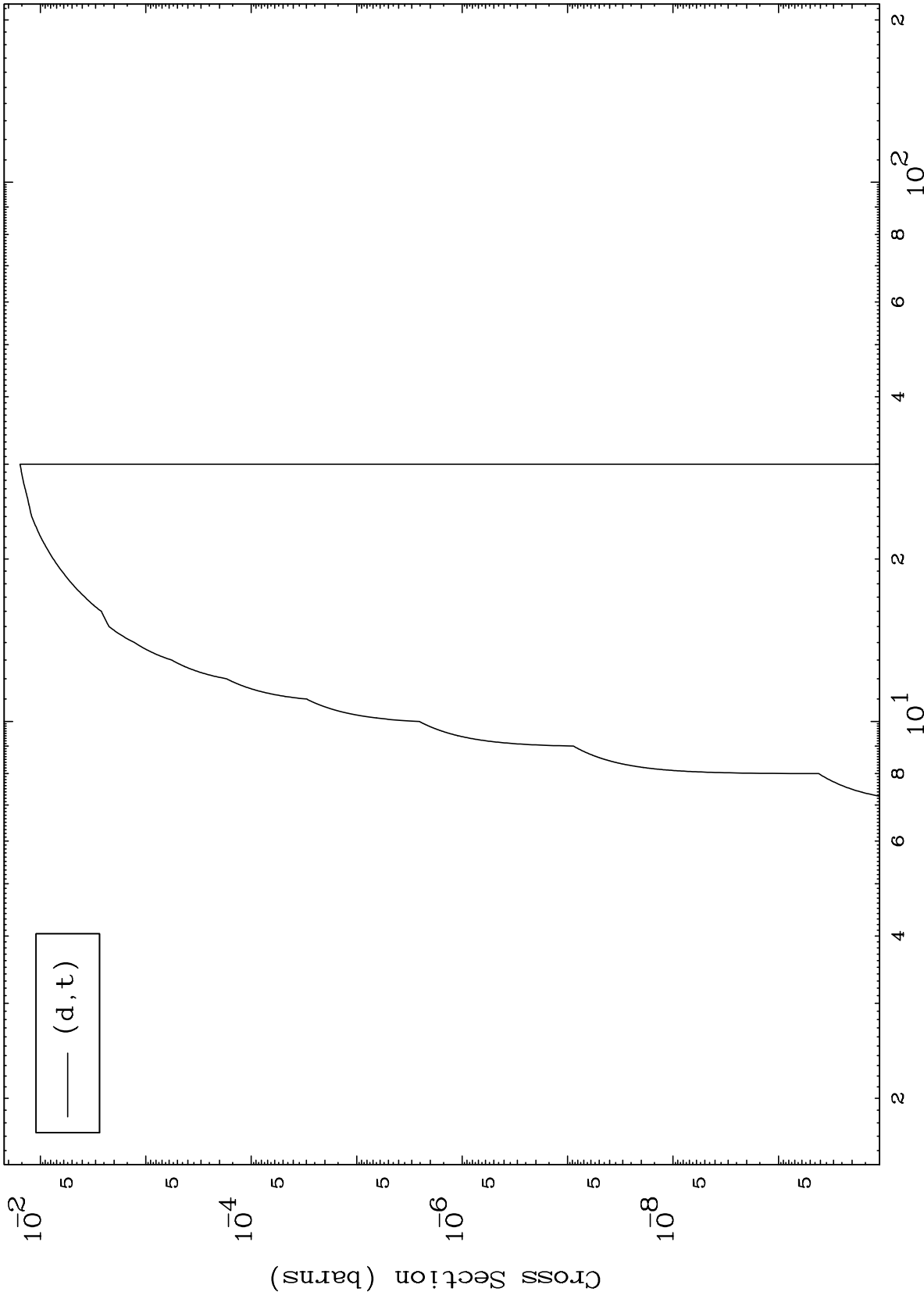
Incident Energy (MeV)

62-Sm-143

MAT 6223

(d,t) Levels
0 Kelvin Cross Sections

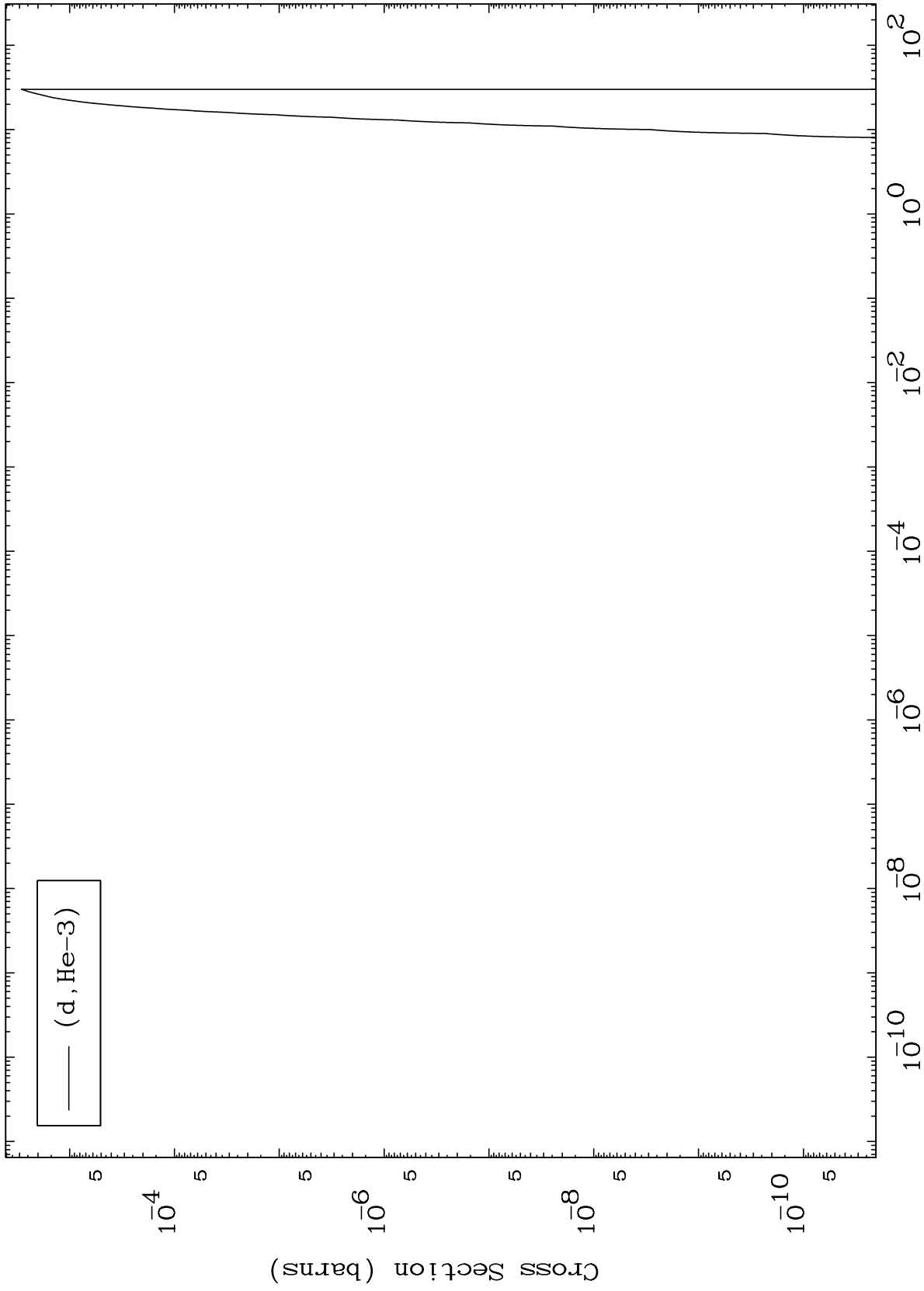
62-Sm-143



MAT 6223

(d,He3) Levels
0 Kelvin Cross Sections

62-Sm-143



10

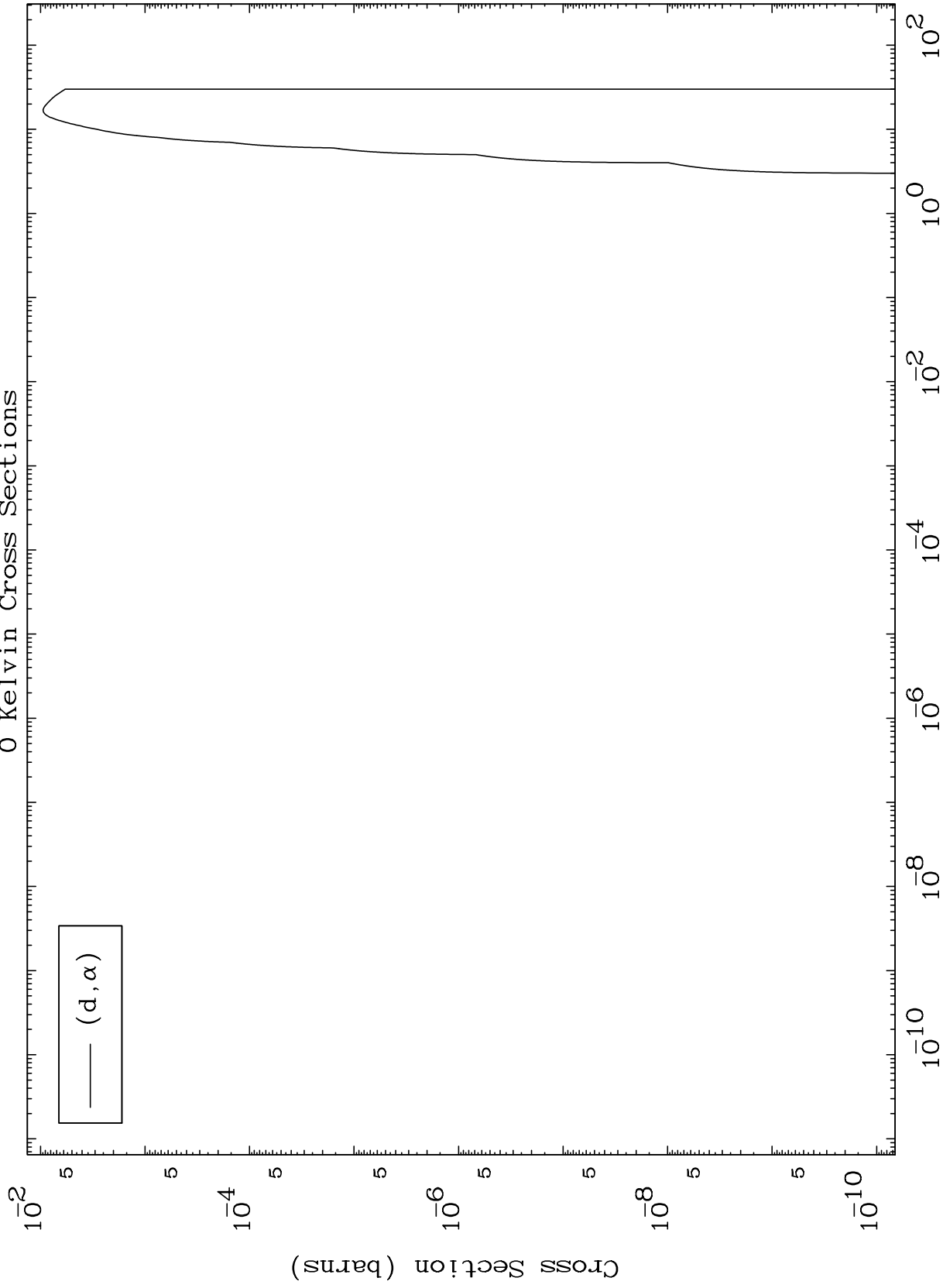
Incident Energy (MeV)

62-Sm-143

MAT 6223

(d, α) Levels
0 Kelvin Cross Sections

62-Sm-143



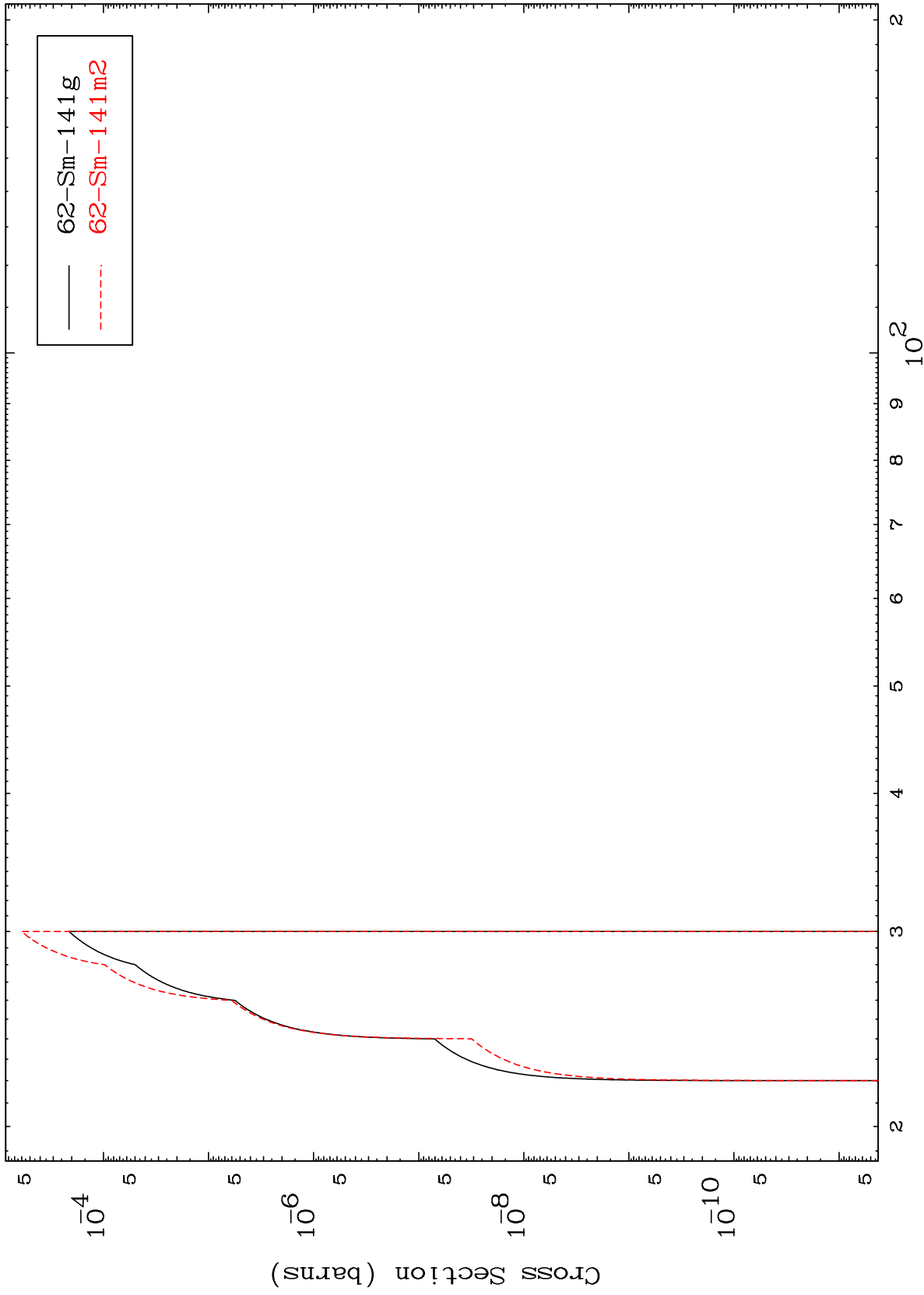
(d, α)

MAT 6223

(d,2n) d

62-Sm-143

Radionuclide Production Cross Section



12

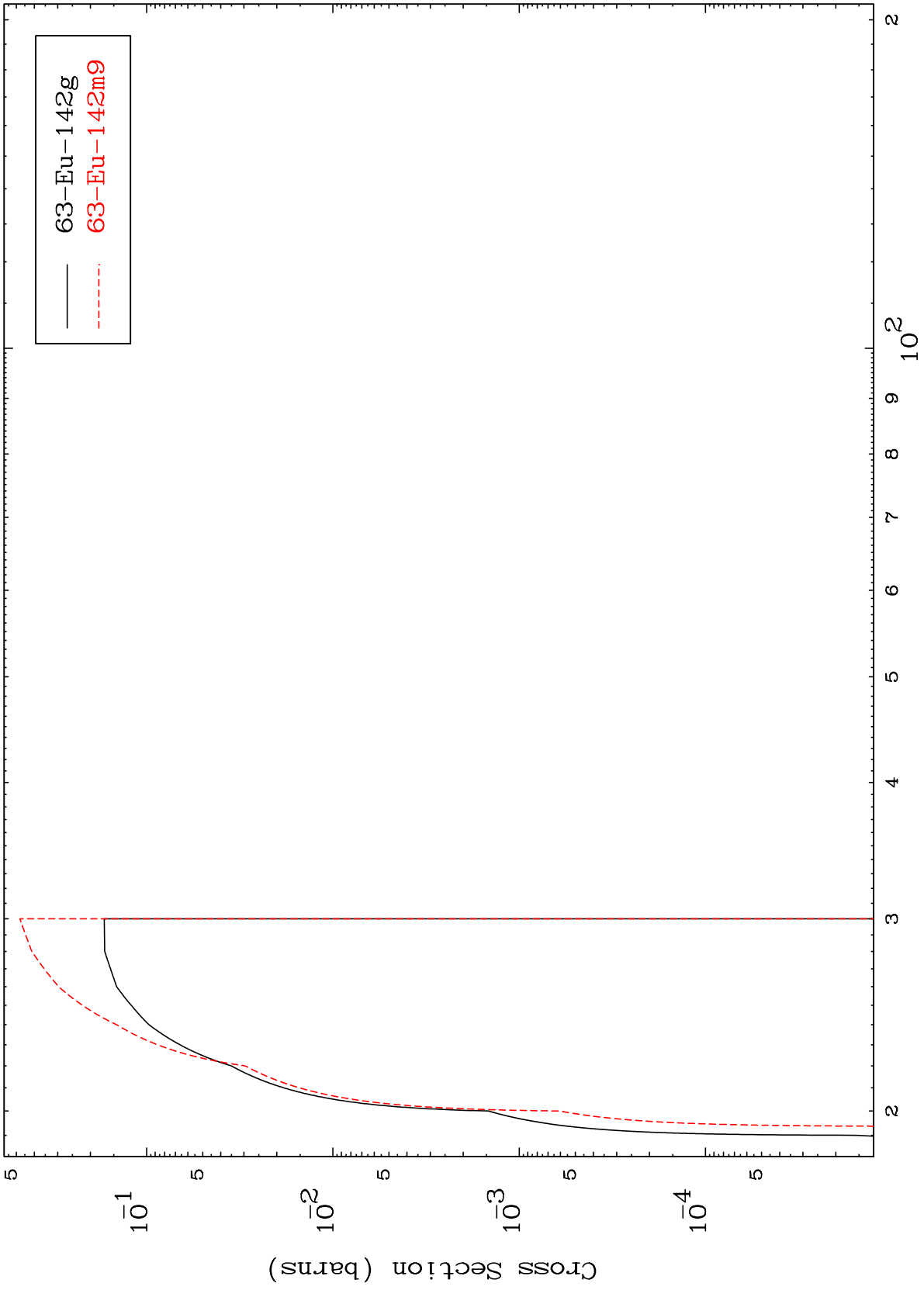
Incident Energy (MeV)

62-Sm-143

MAT 6223

62-Sm-143

(d,3n)
Radionuclide Production Cross Section



13

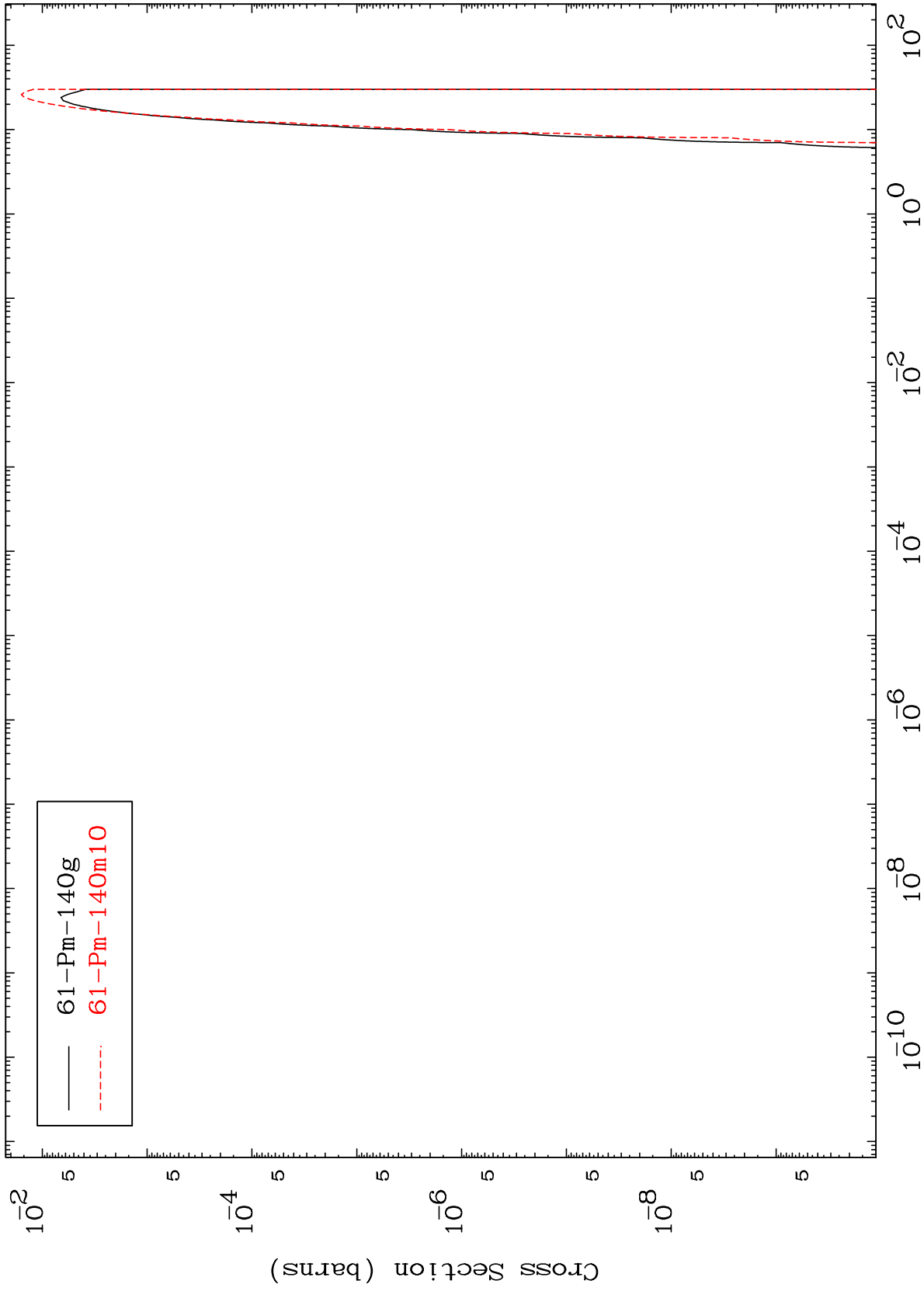
62-Sm-143

MAT 6223

(d,n') α

62-Sm-143

Radionuclide Production Cross Section

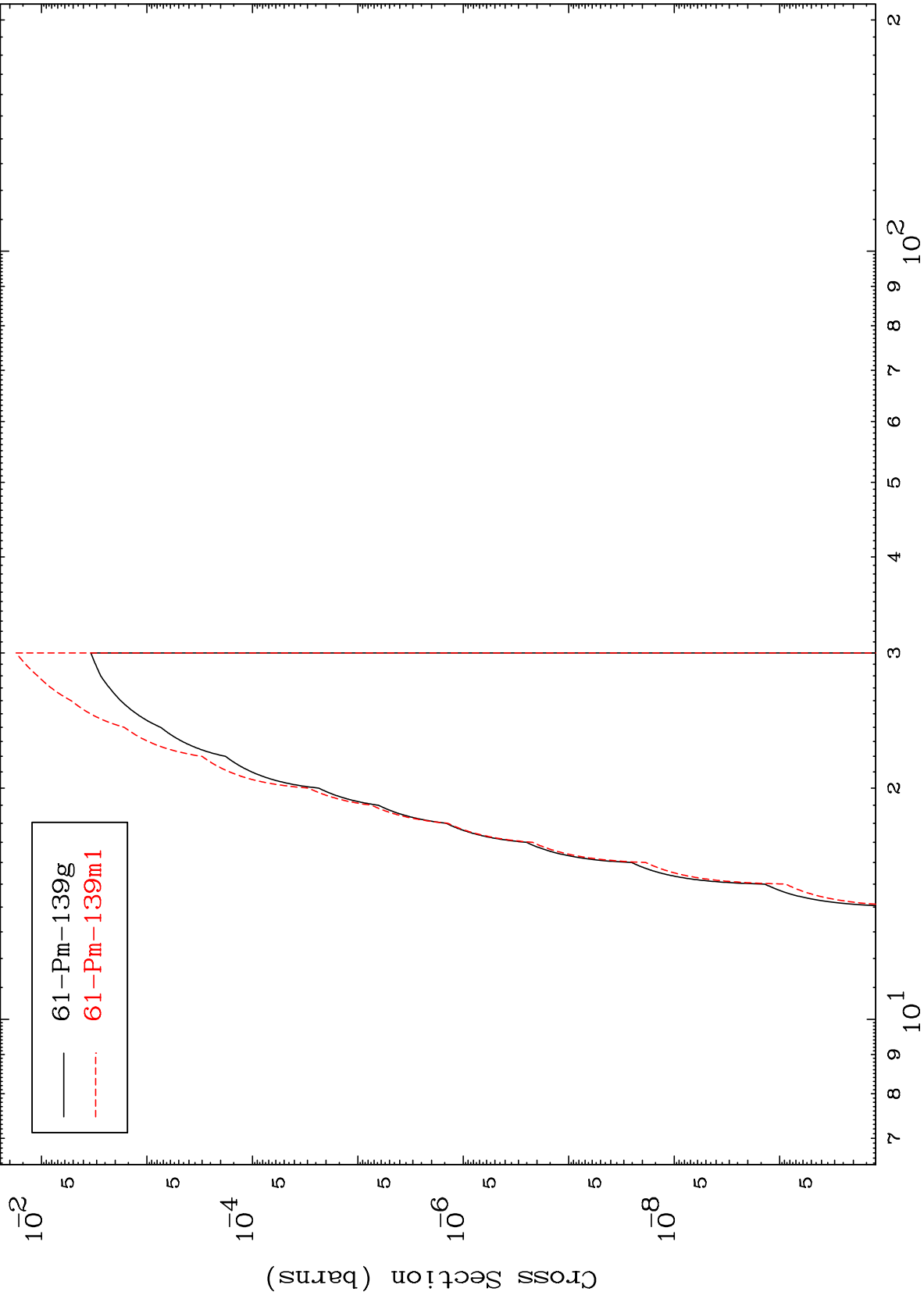


MAT 6223

(d,2n) α

62-Sm-143

Radionuclide Production Cross Section



15

Incident Energy (MeV)

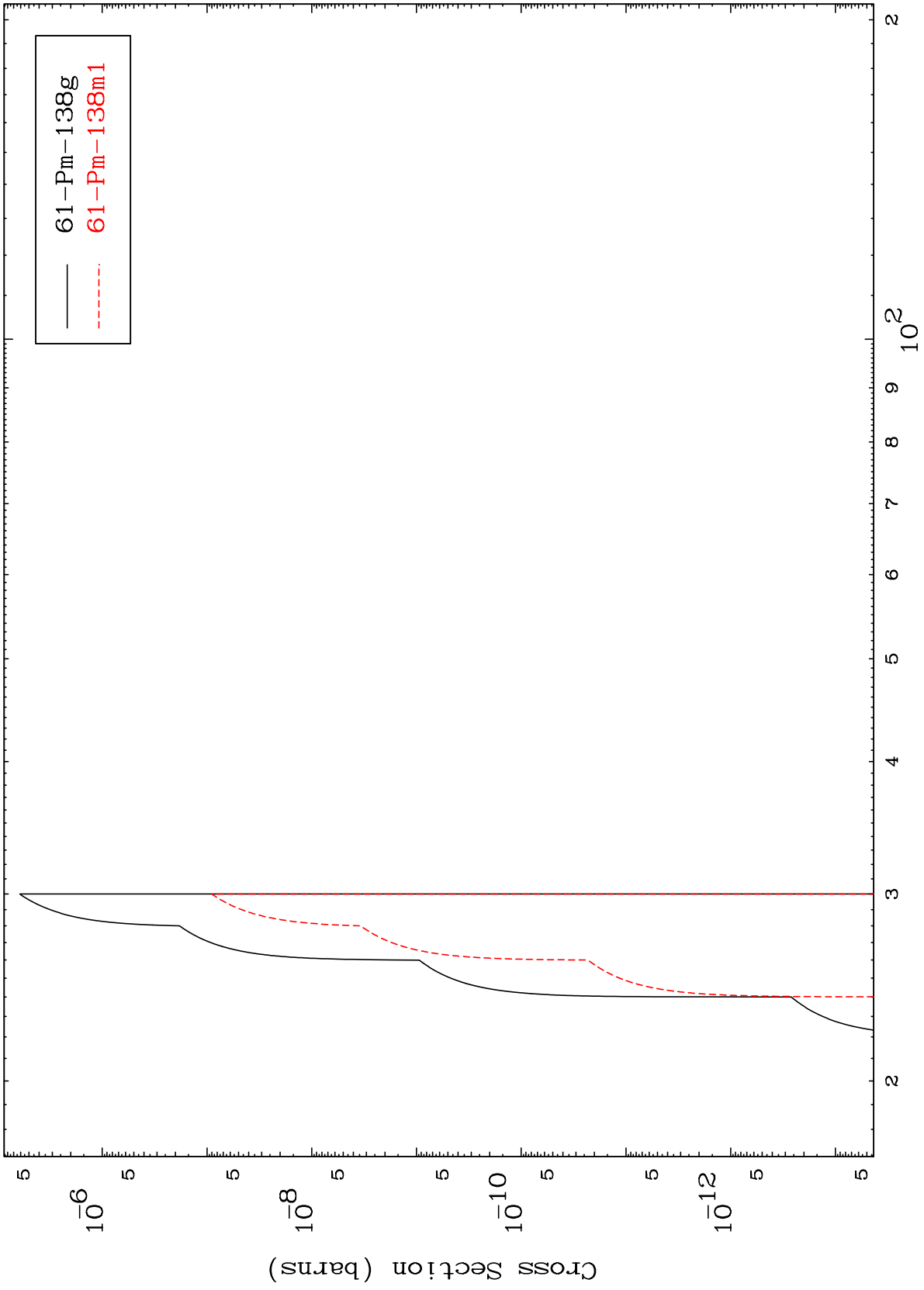
62-Sm-143

MAT 6223

(d,3n) α

62-Sm-143

Radionuclide Production Cross Section



16

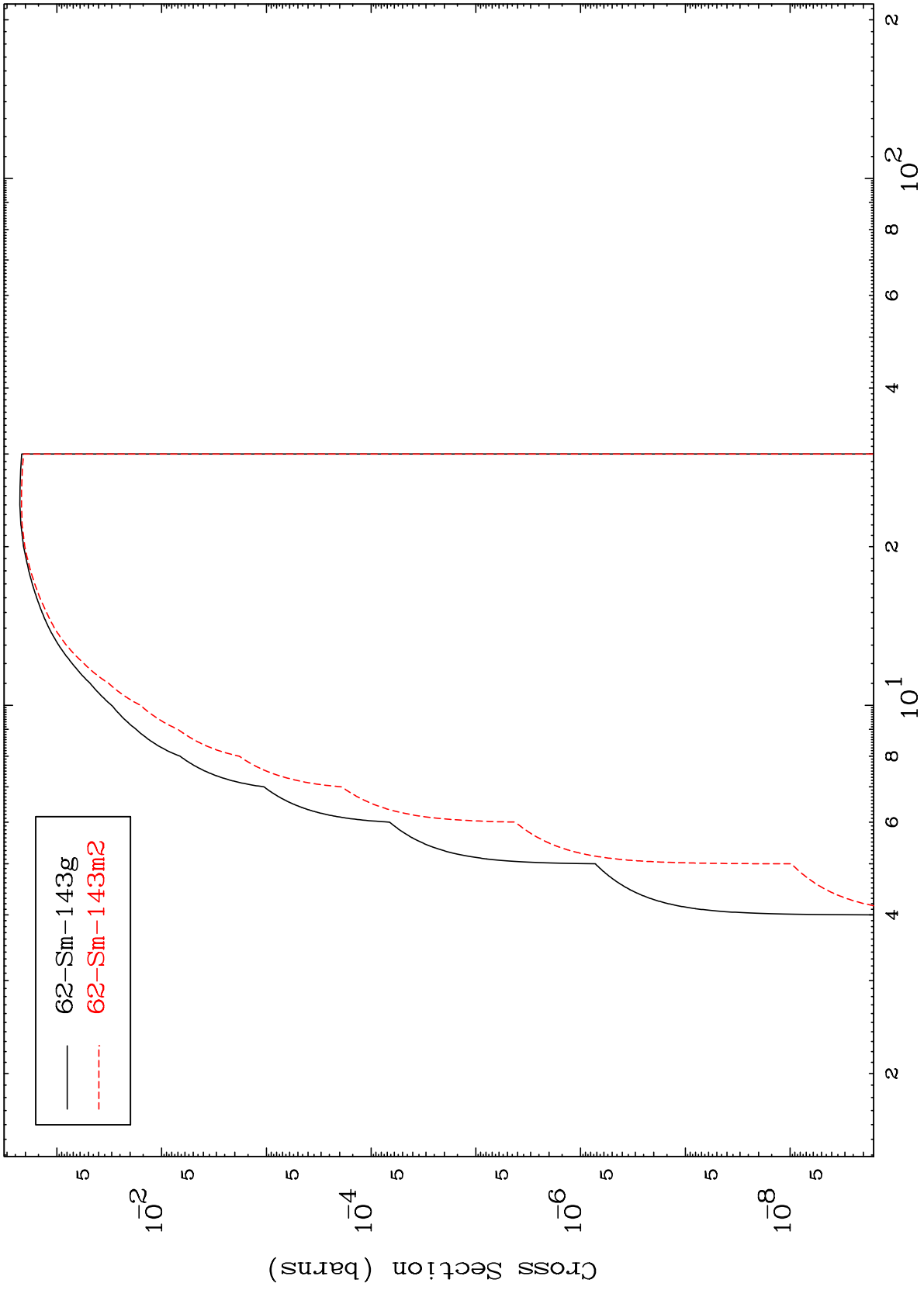
Incident Energy (MeV)

62-Sm-143

MAT 6223

62-Sm-143

(d,n') p
Radionuclide Production Cross Section



17

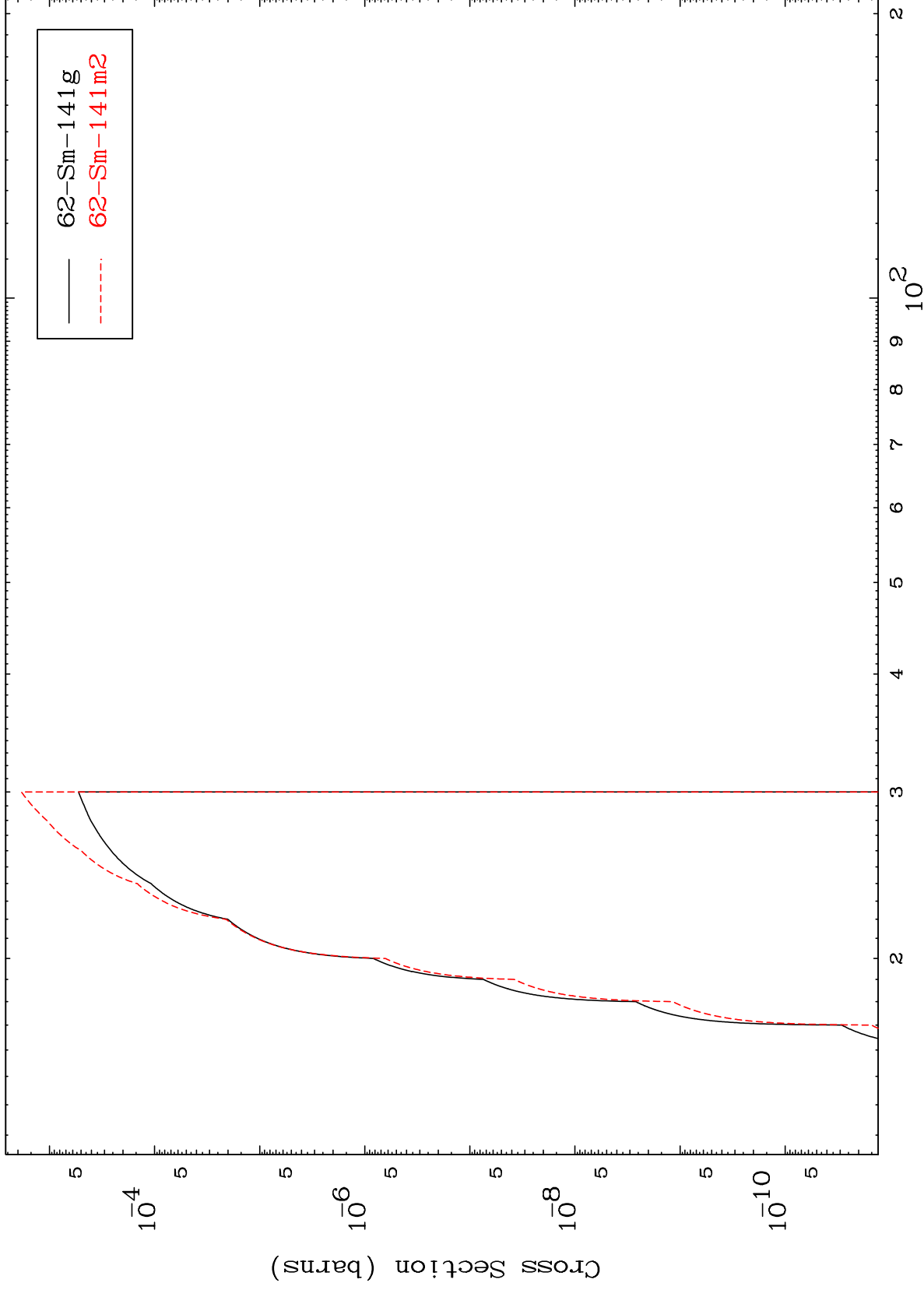
62-Sm-143

MAT 6223

(d,n') t

⁶²Sm-143

Radionuclide Production Cross Section



18

Incident Energy (MeV)

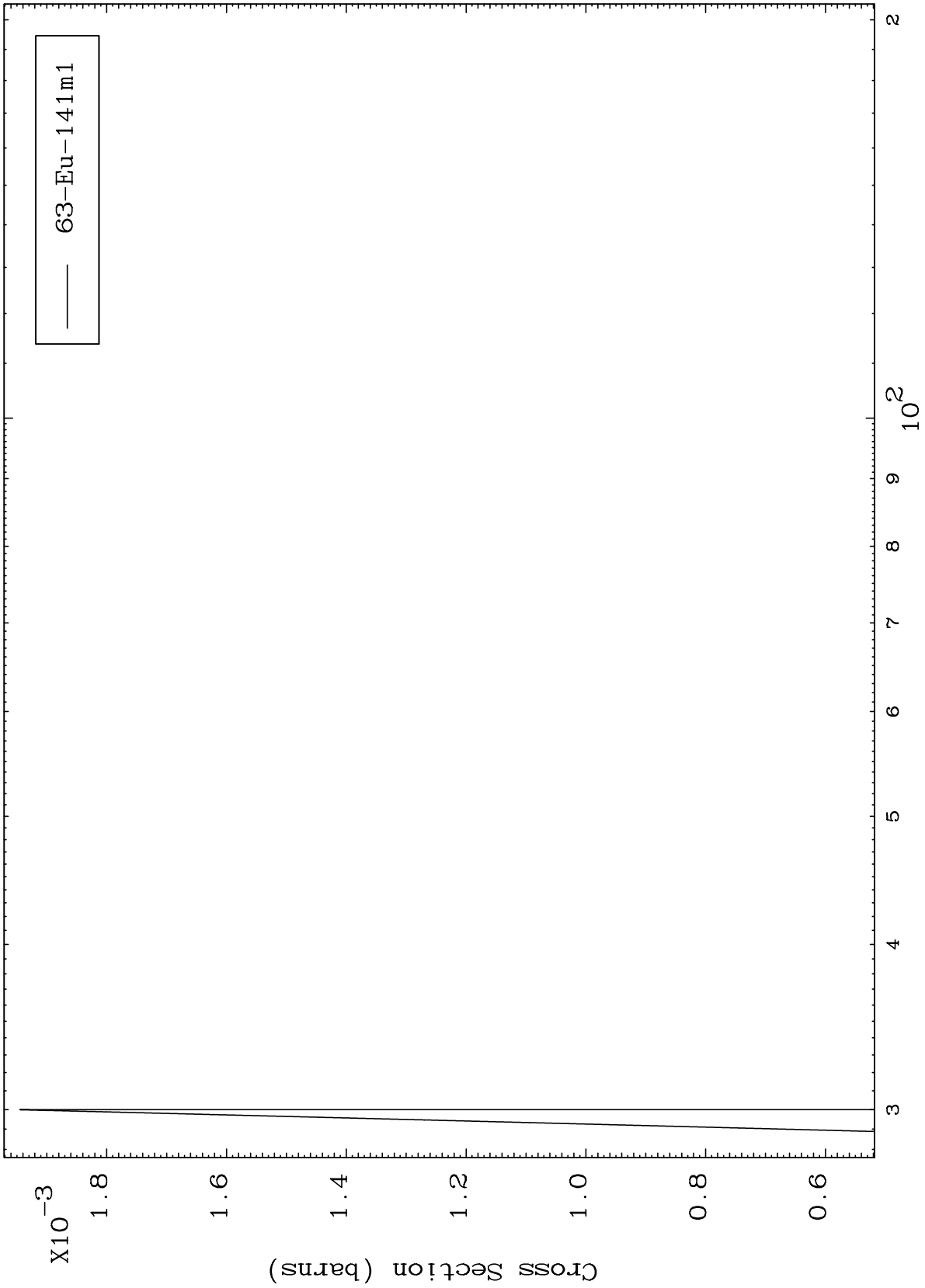
⁶²Sm-143

MAT 6223

(d,4n)

62-Sm-143

Radionuclide Production Cross Section



19

Incident Energy (MeV)

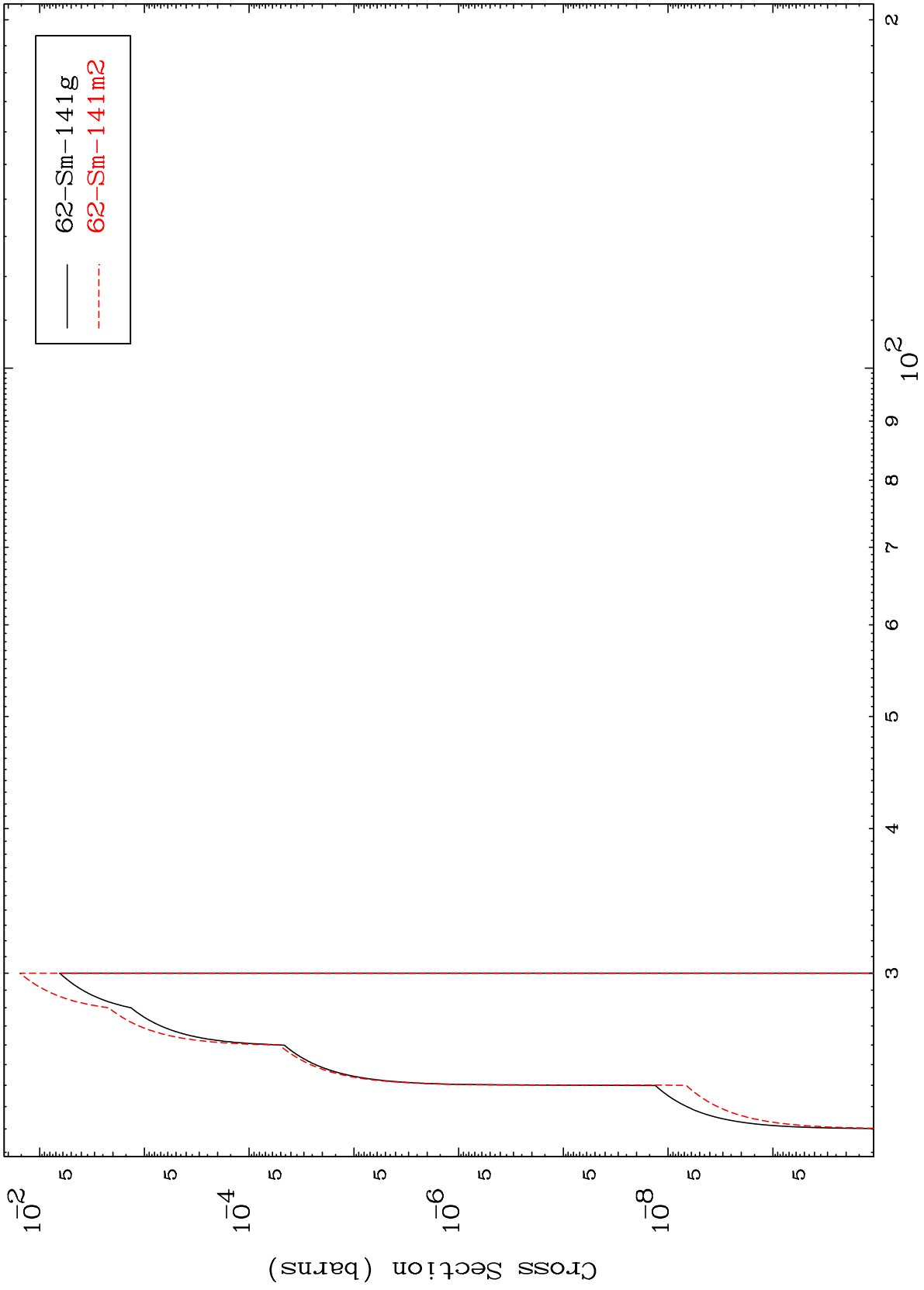
62-Sm-143

MAT 6223

(d,3n) p

62-Sm-143

Radionuclide Production Cross Section



20

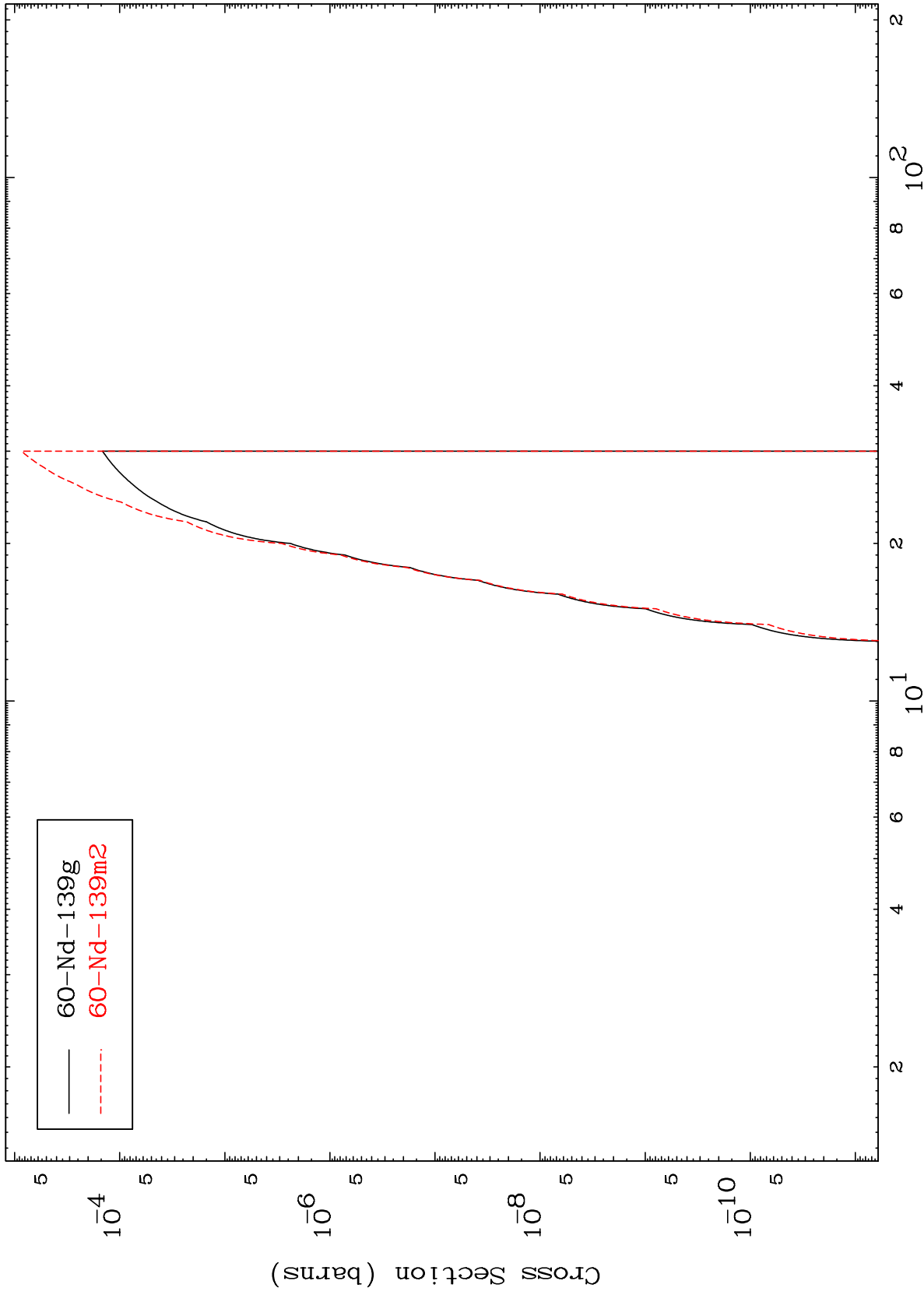
Incident Energy (MeV)

62-Sm-143

MAT 6223

62-Sm-143

(d,n') p α
Radionuclide Production Cross Section



21

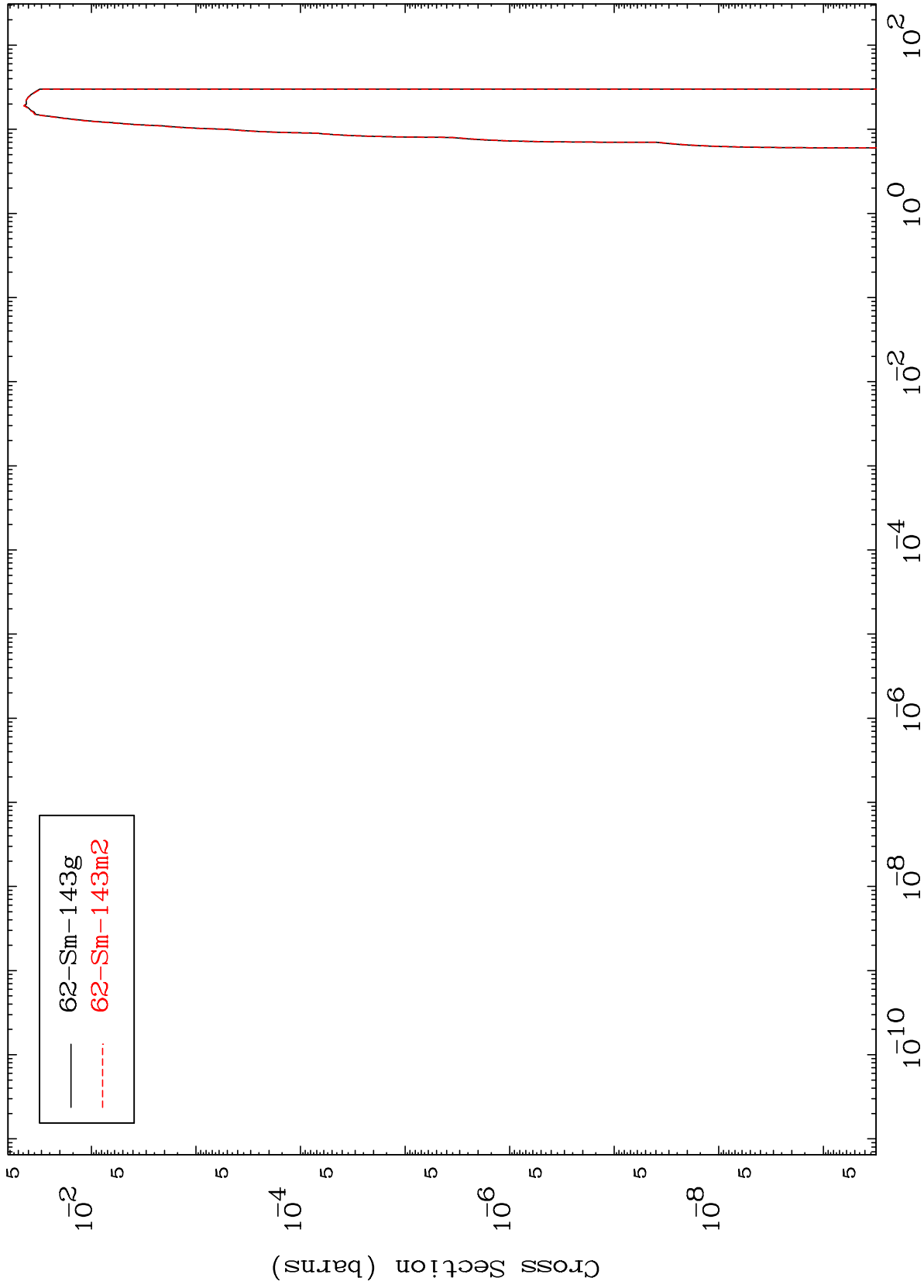
62-Sm-143

MAT 6223

(d,d)

62-Sm-143

Radionuclide Production Cross Section



22

Incident Energy (MeV)

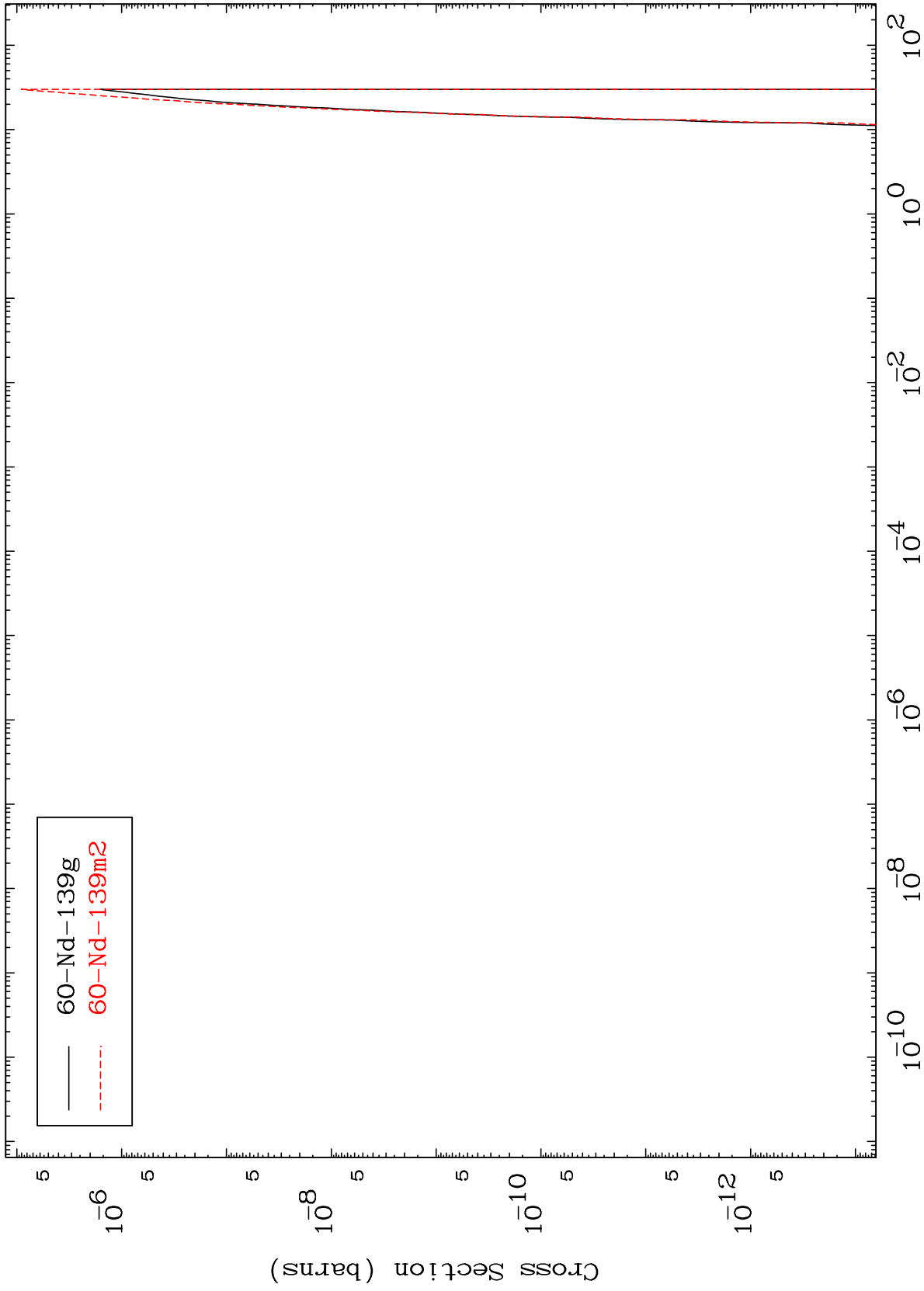
62-Sm-143

MAT 6223

(d,d) α

62-Sm-143

Radionuclide Production Cross Section



23

Incident Energy (MeV)

62-Sm-143