

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

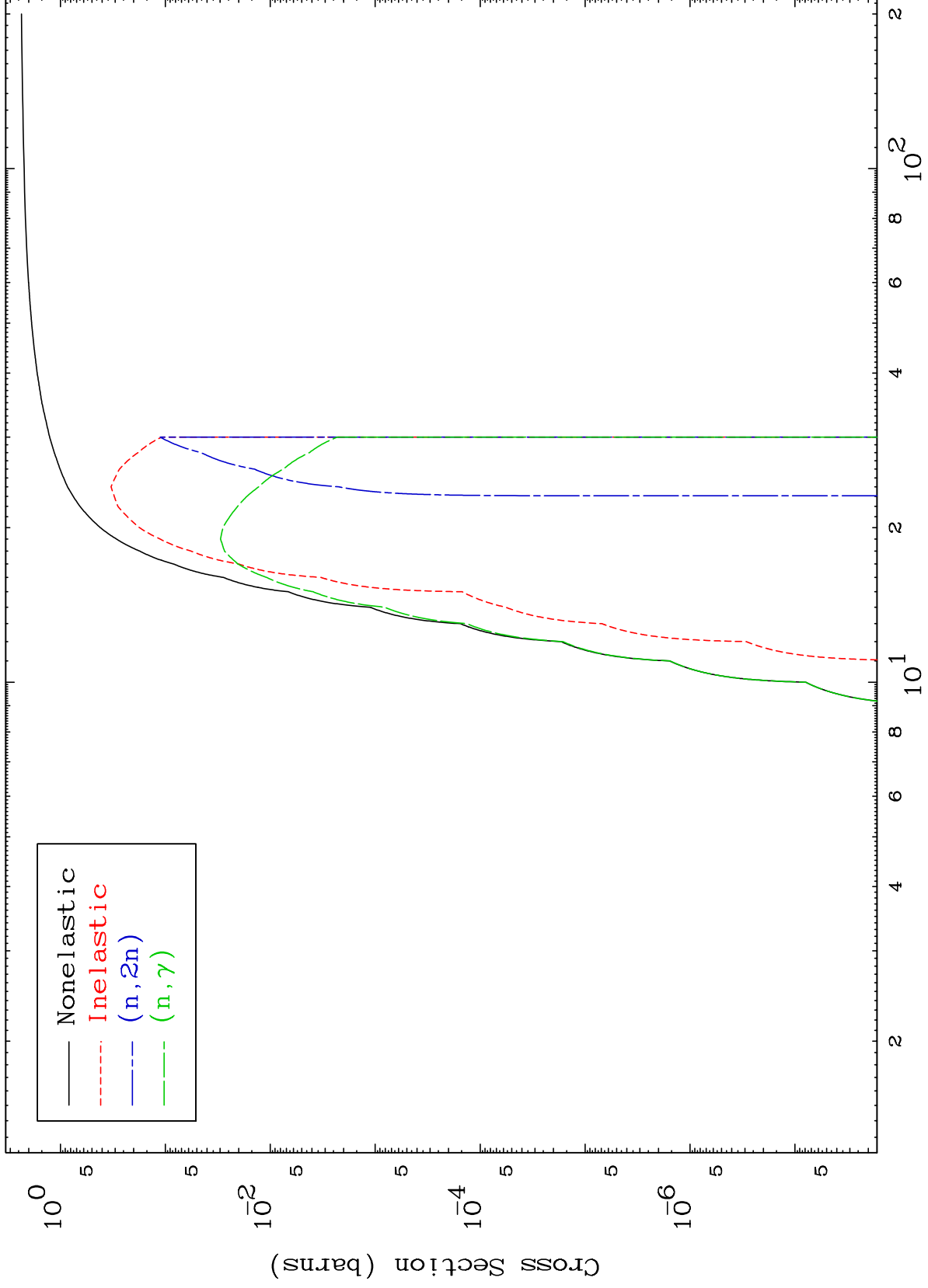
Press Mouse Button to Start

MAT 6211

α Major

62-Sm-139m

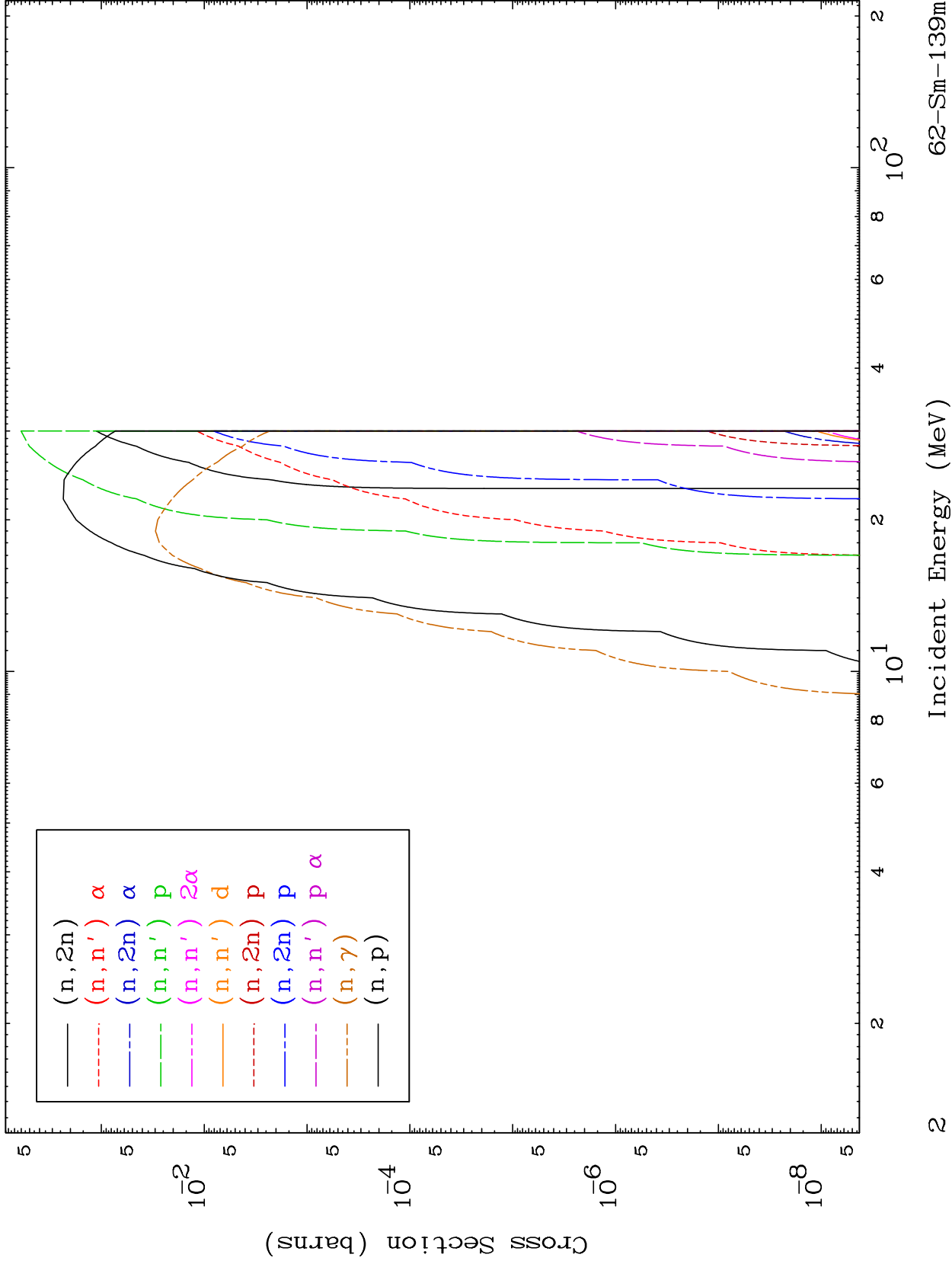
0 Kelvin Cross Sections



MAT 6211

α Neutron Absorption
0 Kelvin Cross Sections

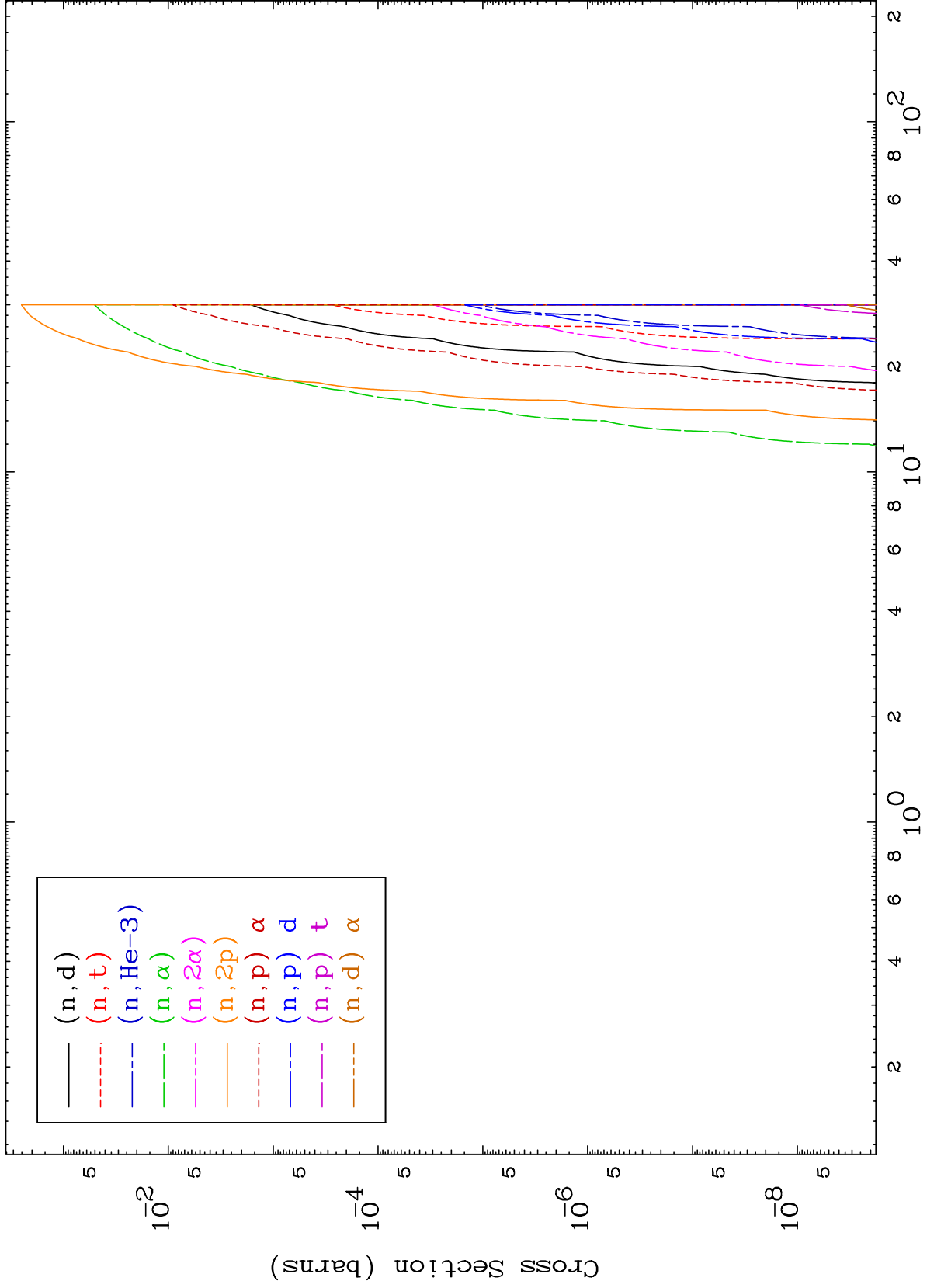
62-Sm-139m

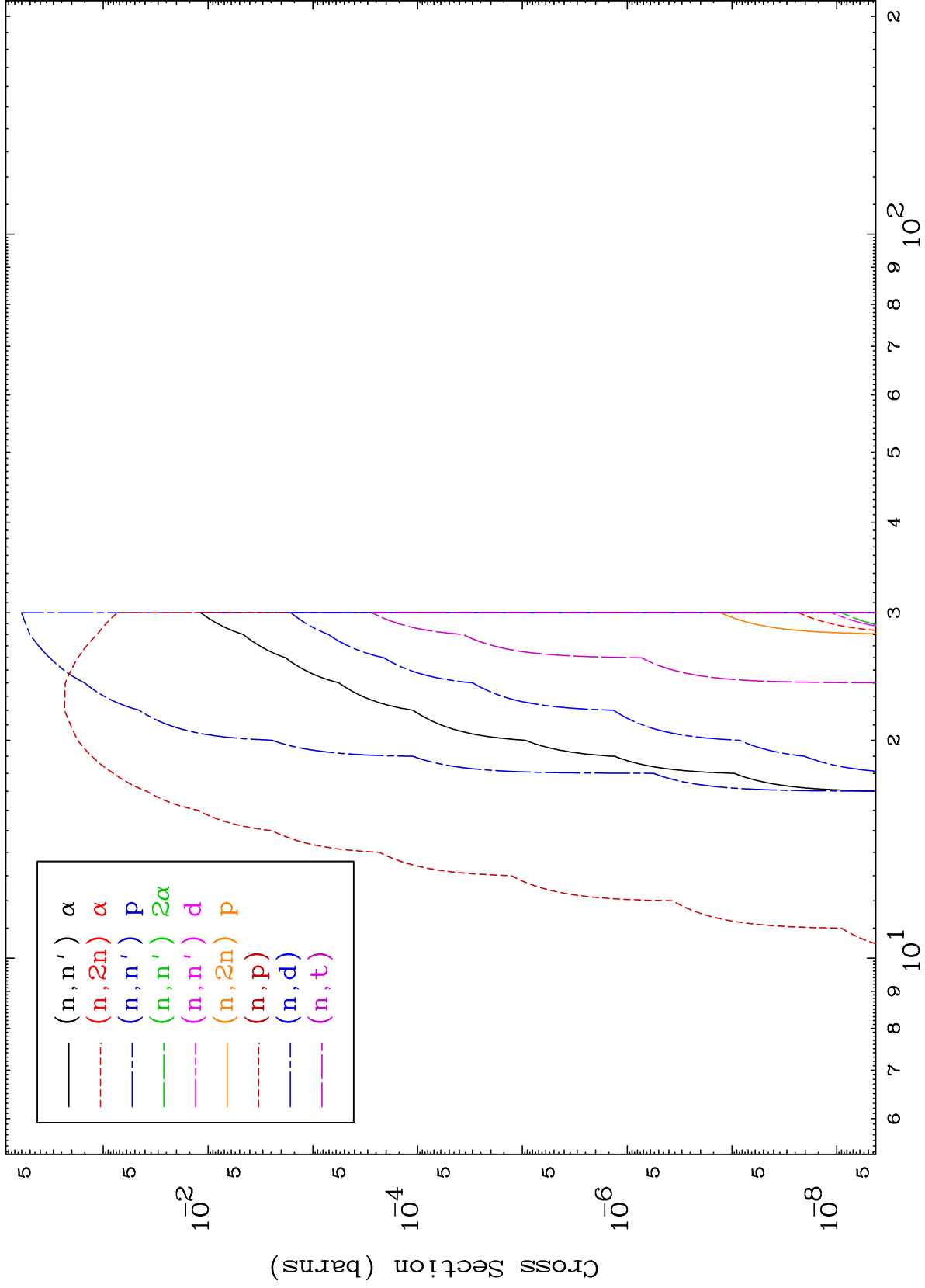


MAT 6211

α Neutron Absorption
0 Kelvin Cross Sections

62-Sm-139m

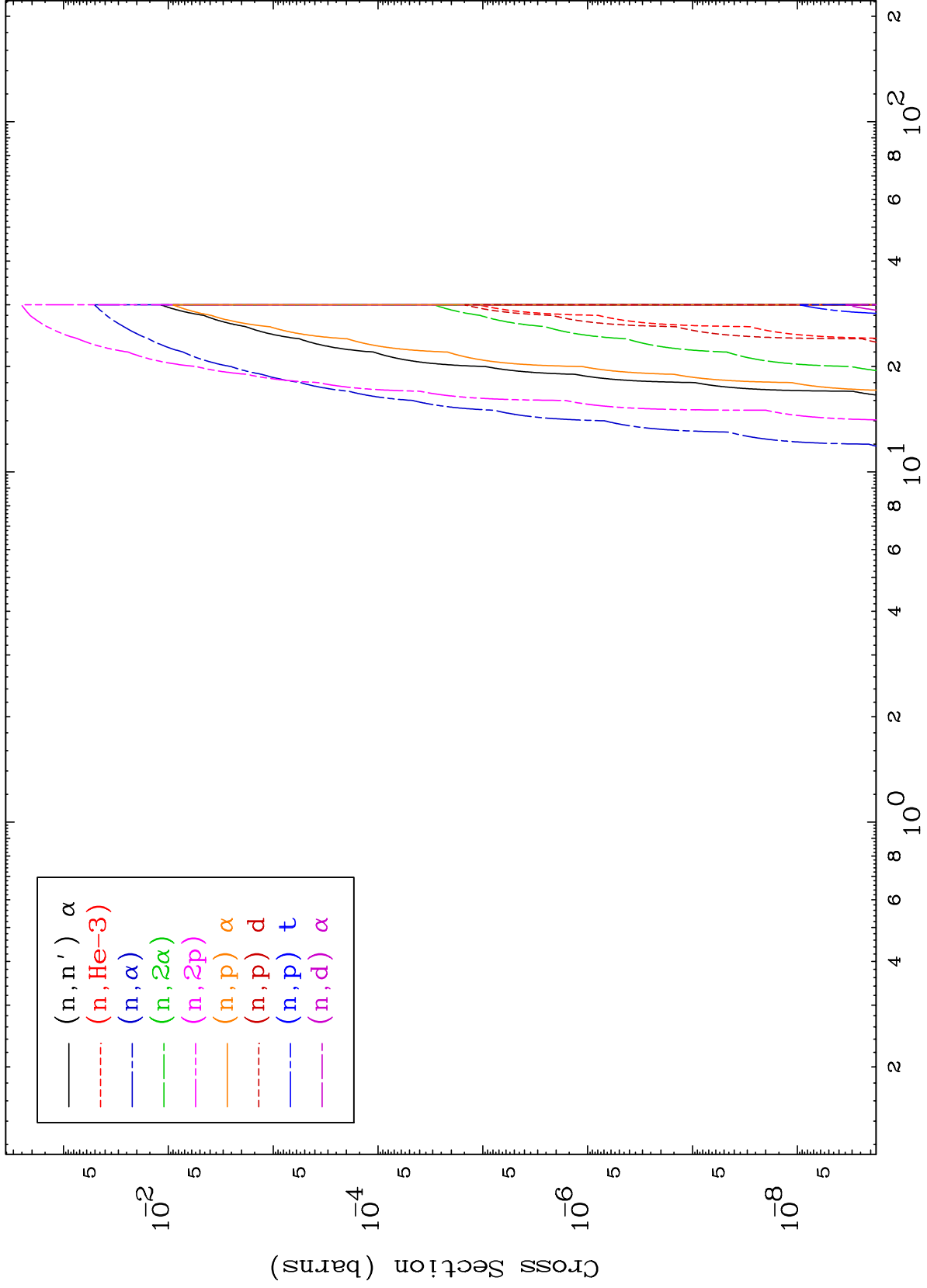




MAT 6211

α Charged Particle
0 Kelvin Cross Sections

62-Sm-139m

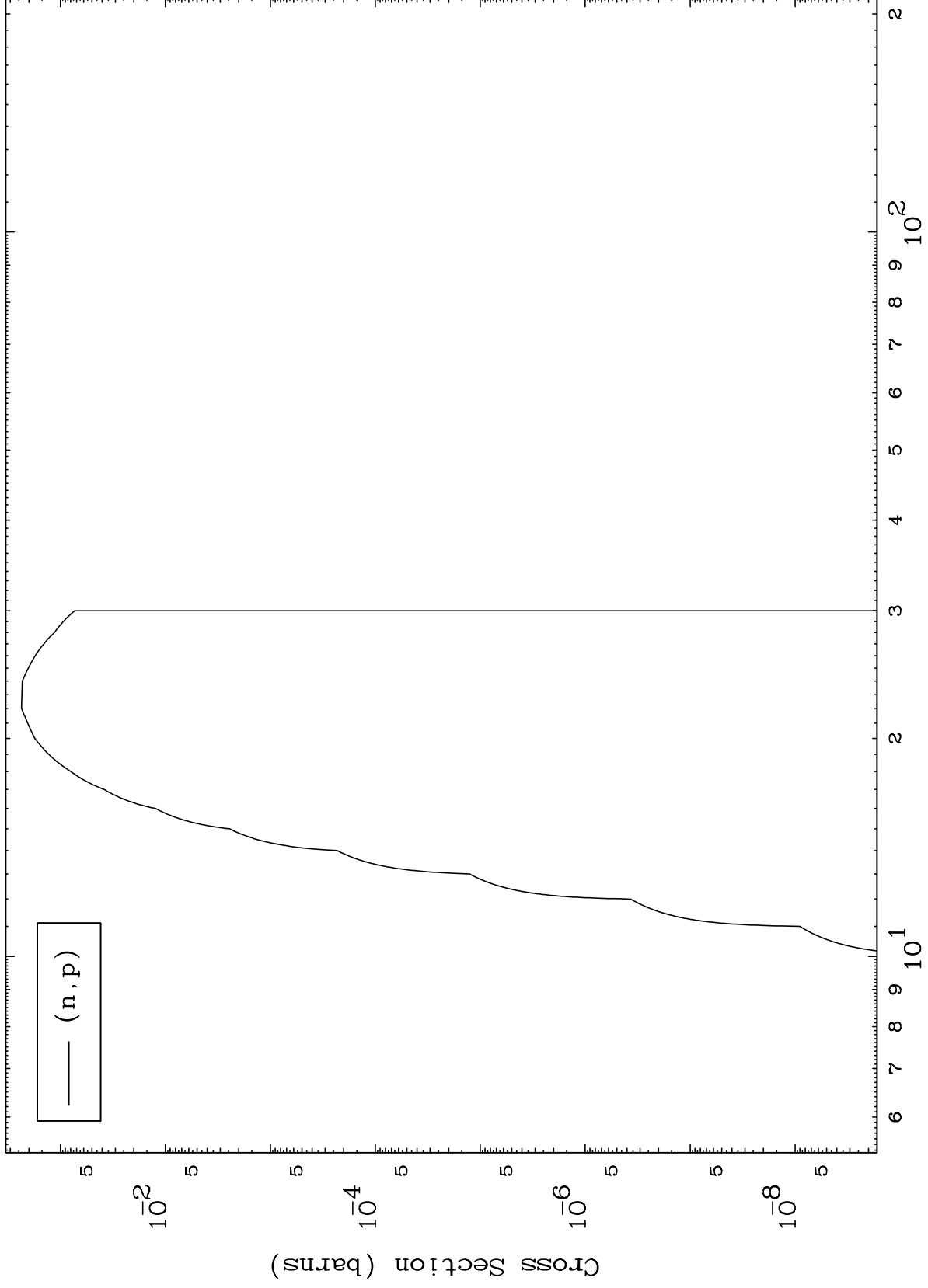


MAT 6211

(α, p) Levels

62-Sm-139m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

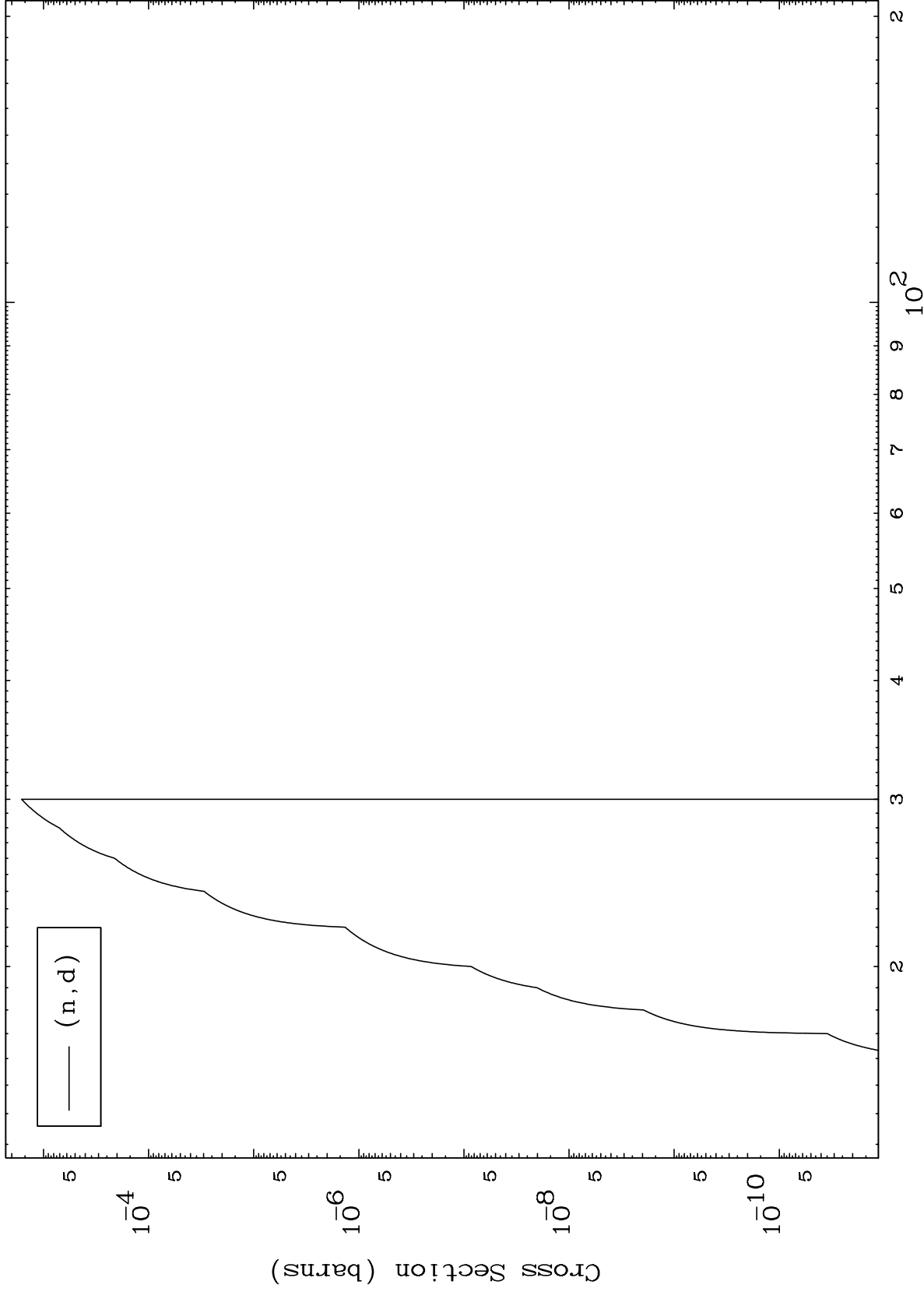
62-Sm-139m

MAT 6211

(α, d) Levels

62-Sm-139m

0 Kelvin Cross Sections



7

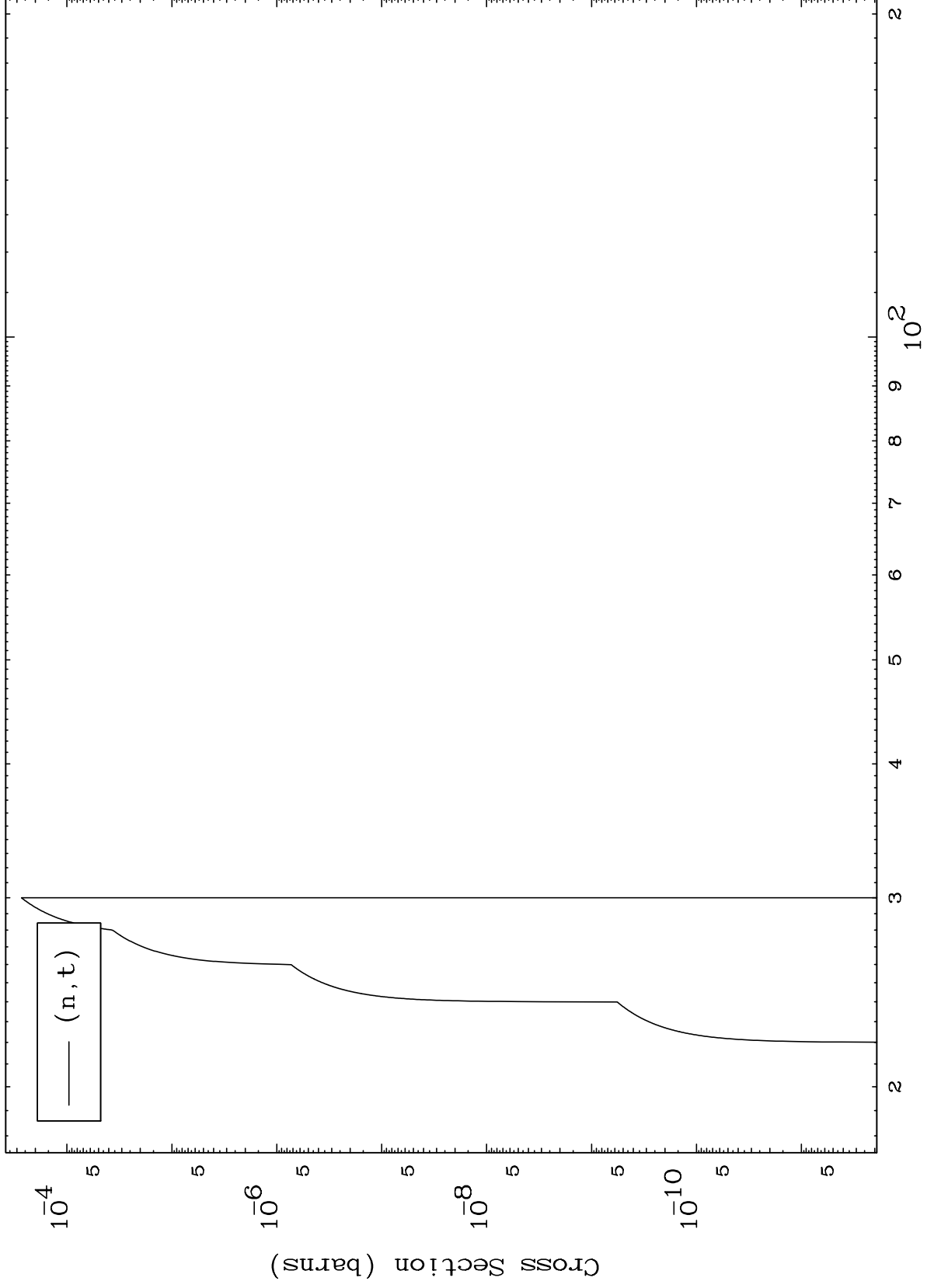
Incident Energy (MeV)

62-Sm-139m

MAT 6211

(α, t) Levels
0 Kelvin Cross Sections

62-Sm-139m



8

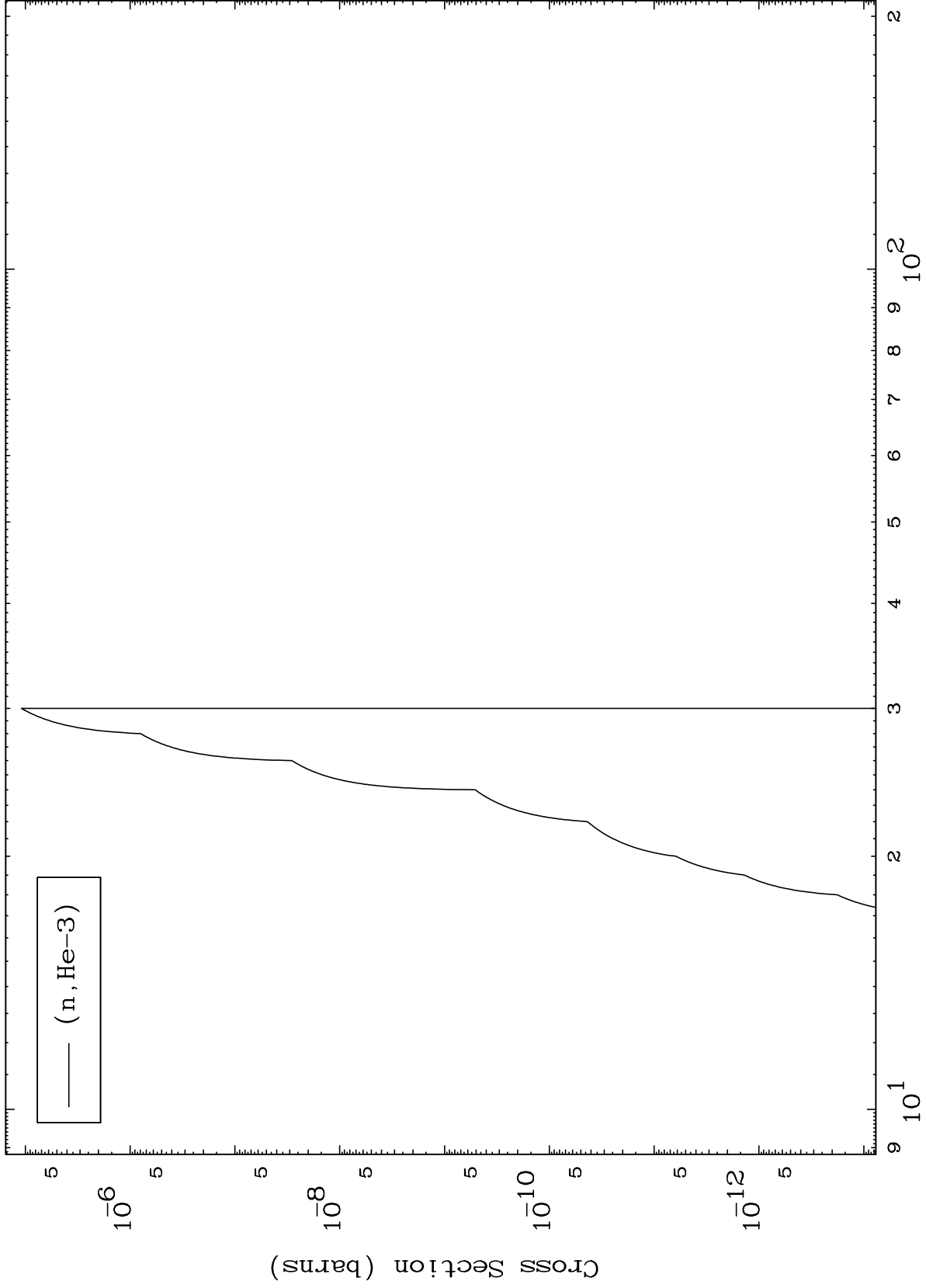
Incident Energy (MeV)

62-Sm-139m

MAT 6211

(α , He3) Levels
0 Kelvin Cross Sections

62-Sm-139m



Incident Energy (MeV)

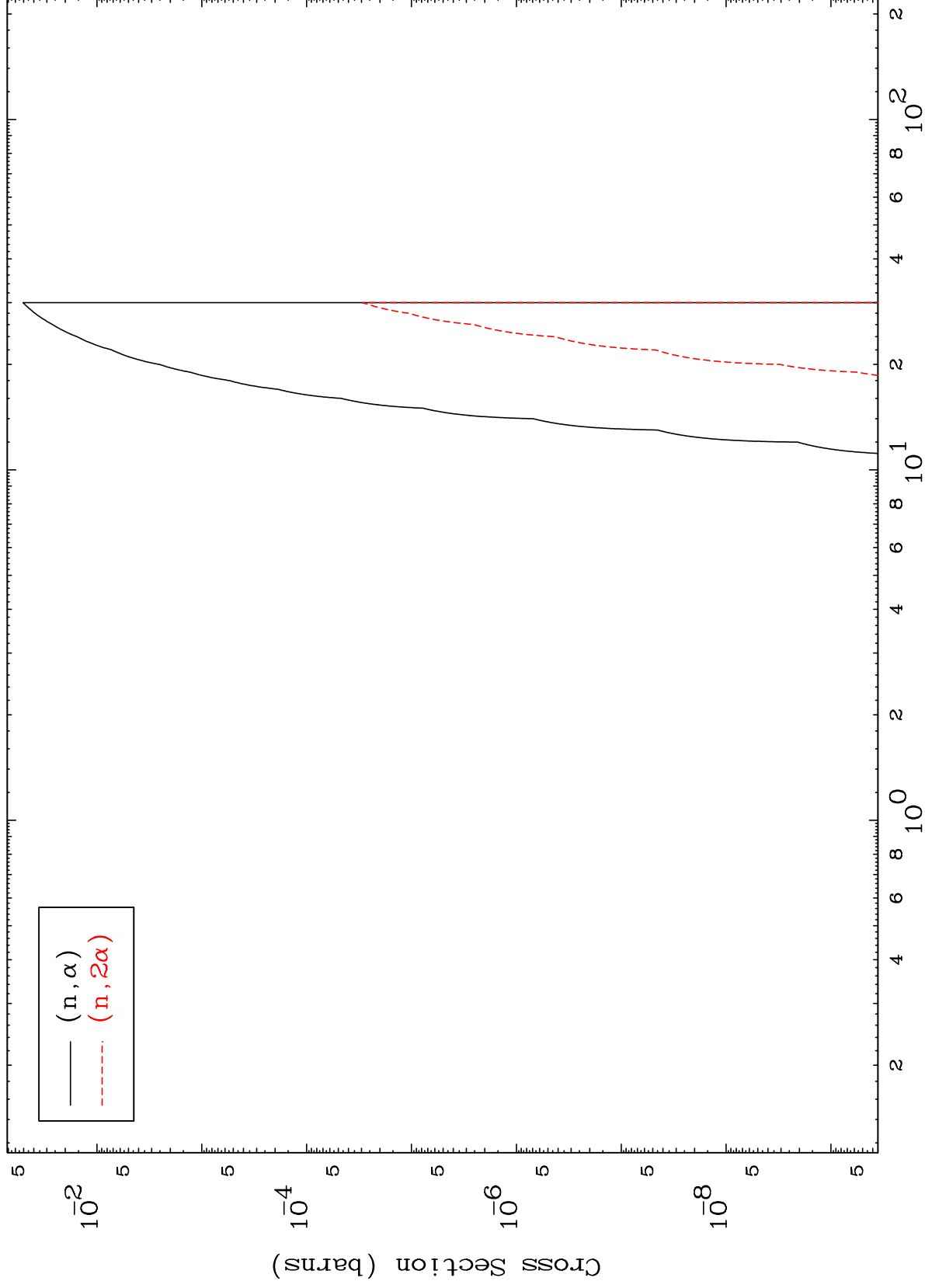
62-Sm-139m

MAT 6211

(α, α) Levels

62-Sm-139m

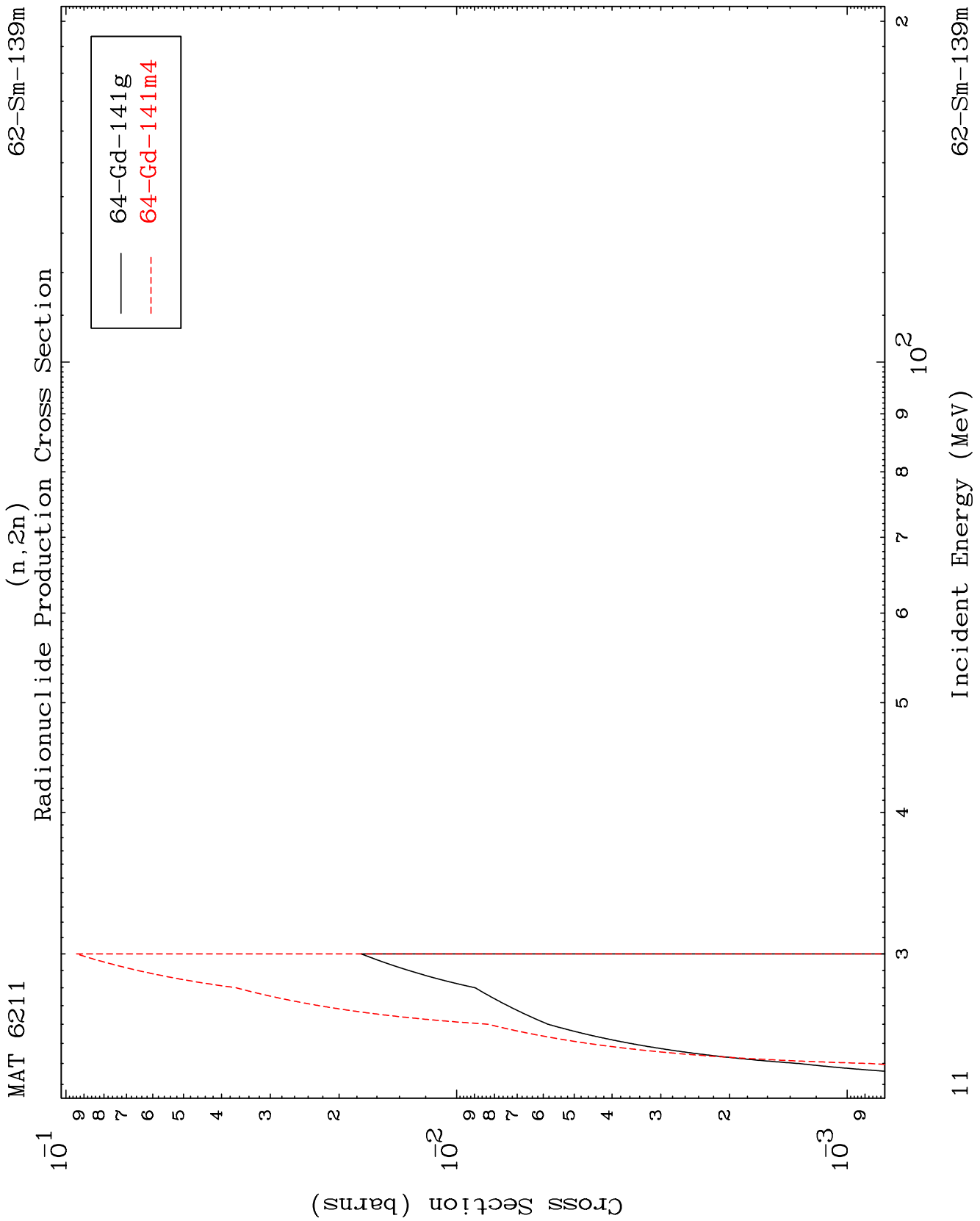
0 Kelvin Cross Sections



10

Incident Energy (MeV)

62-Sm-139m

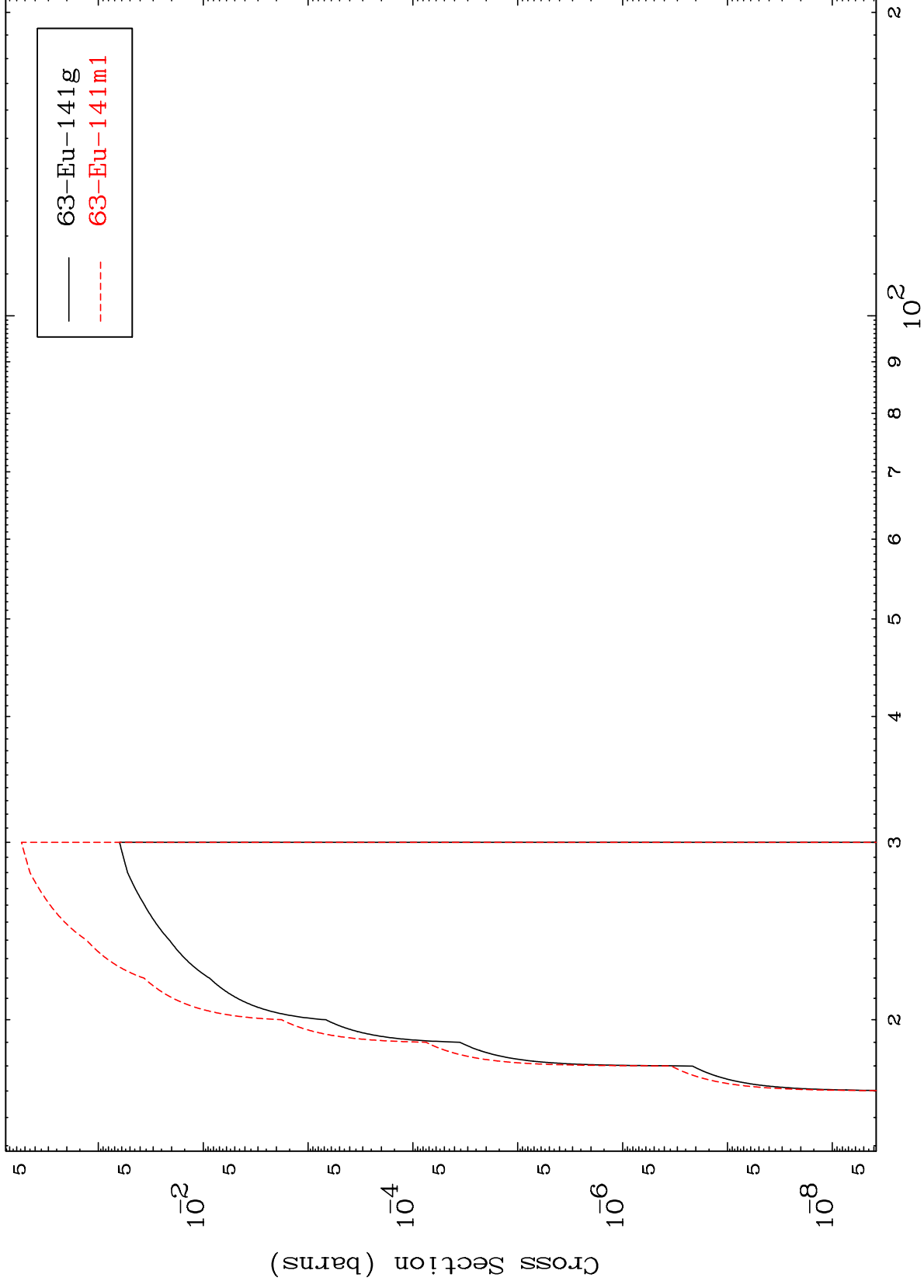


MAT 6211

(n,n') p

62-Sm-139m

Radionuclide Production Cross Section



12

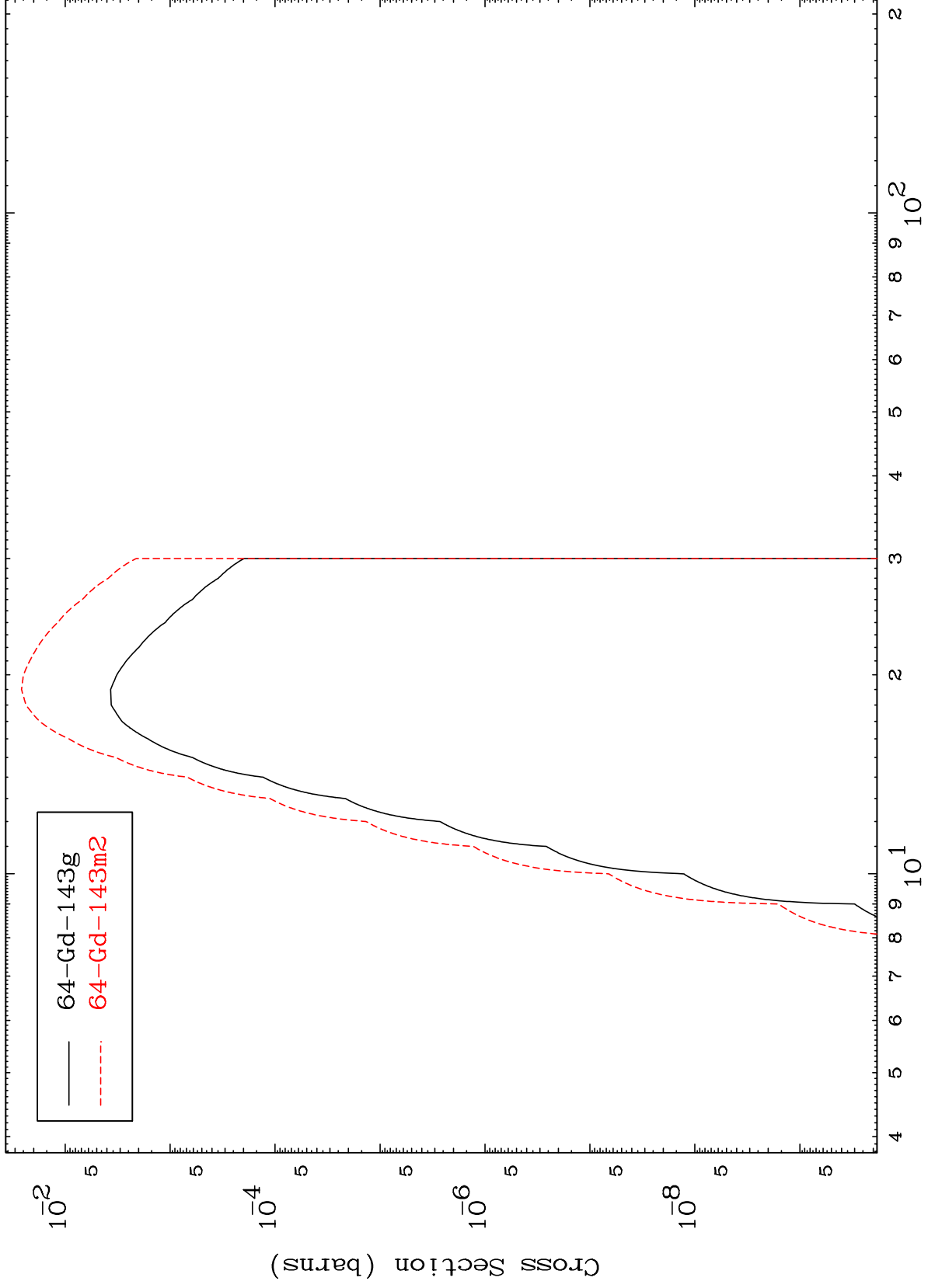
Incident Energy (MeV)

62-Sm-139m

MAT 6211

62-Sm-139m

(n, γ)
Radionuclide Production Cross Section



13

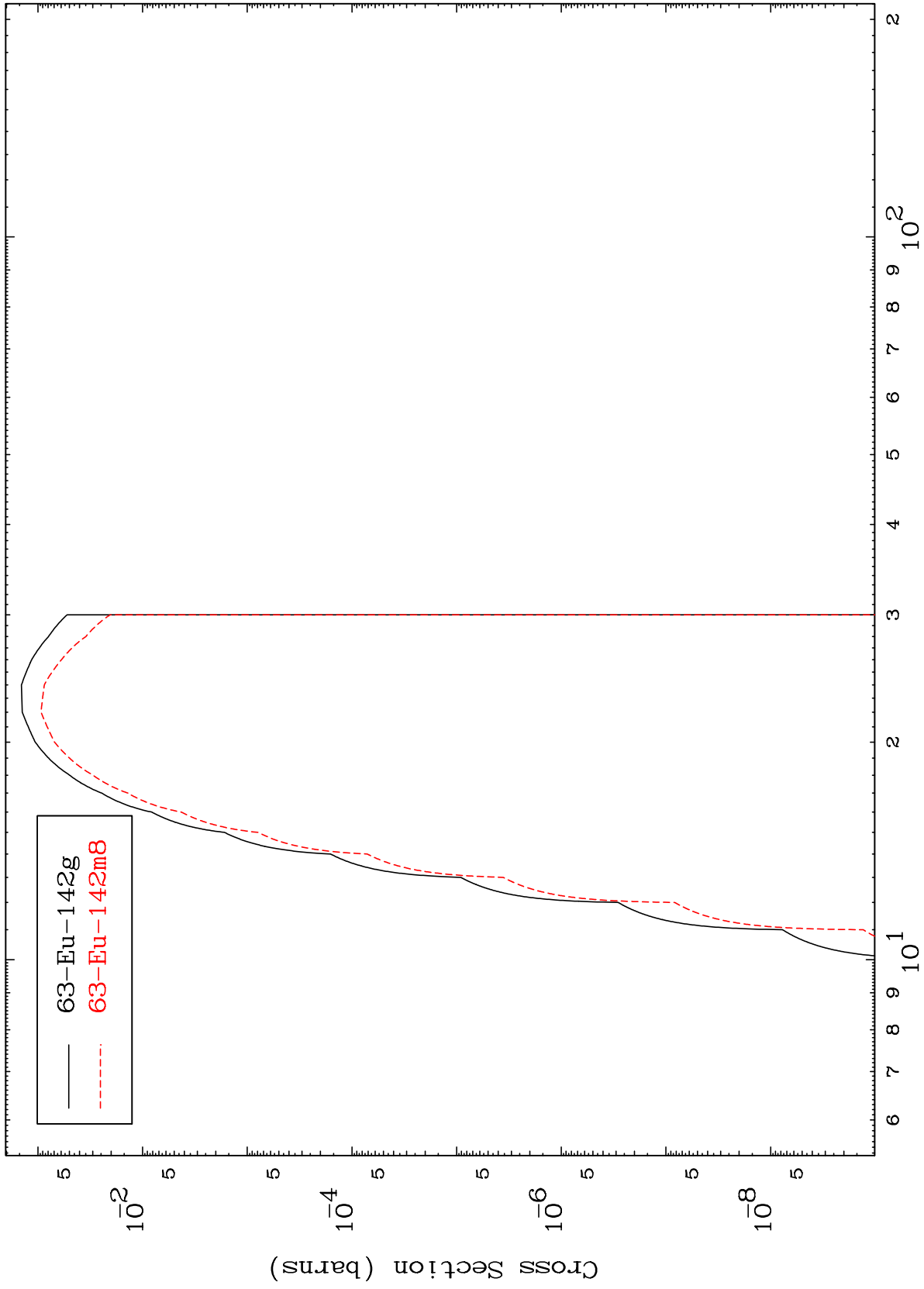
Incident Energy (MeV)

62-Sm-139m

MAT 6211

62-Sm-139m

(n,p)
Radionuclide Production Cross Section



14

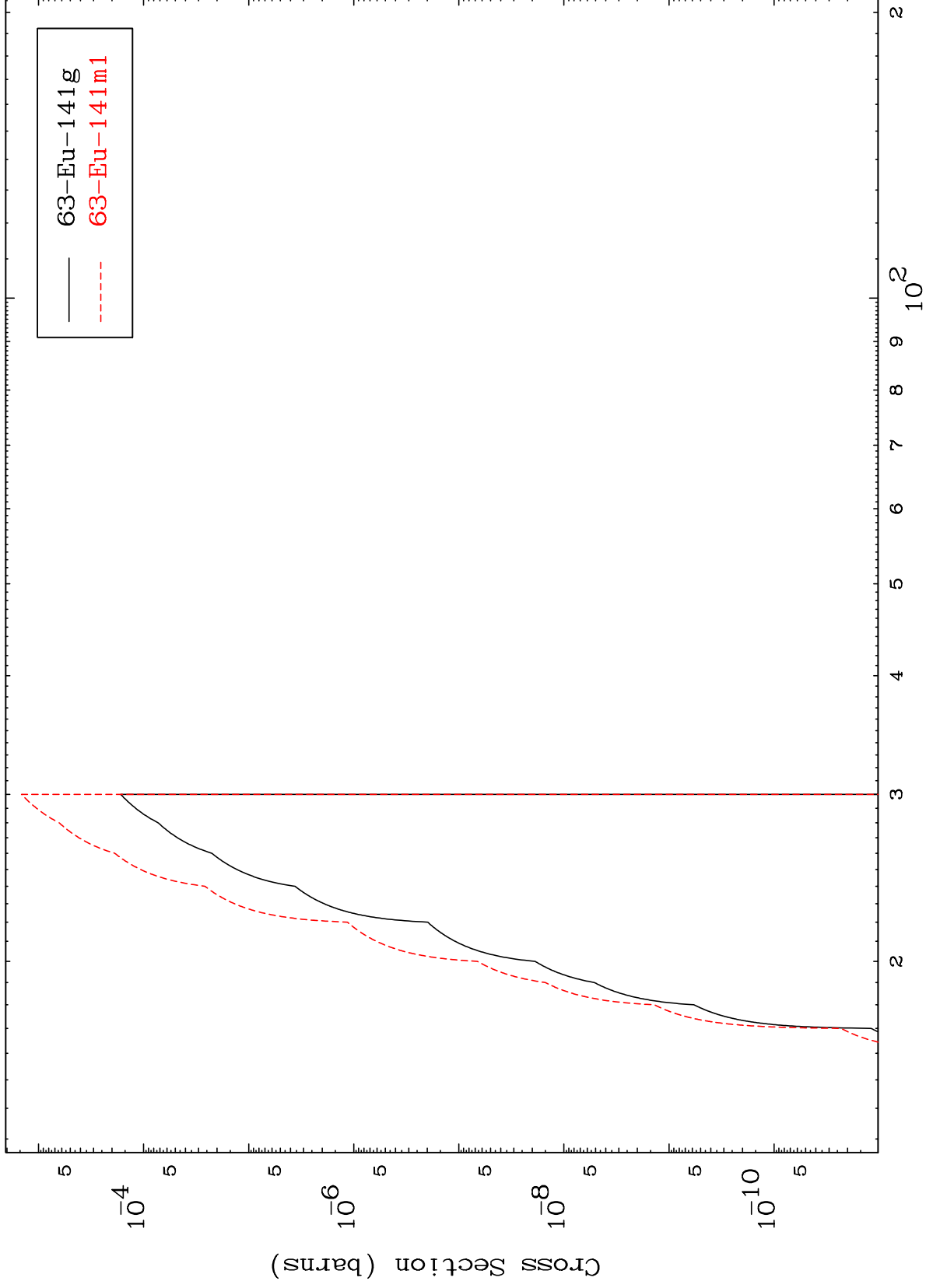
Incident Energy (MeV)

62-Sm-139m

MAT 6211

62-Sm-139m

(n,d)
Radionuclide Production Cross Section



15

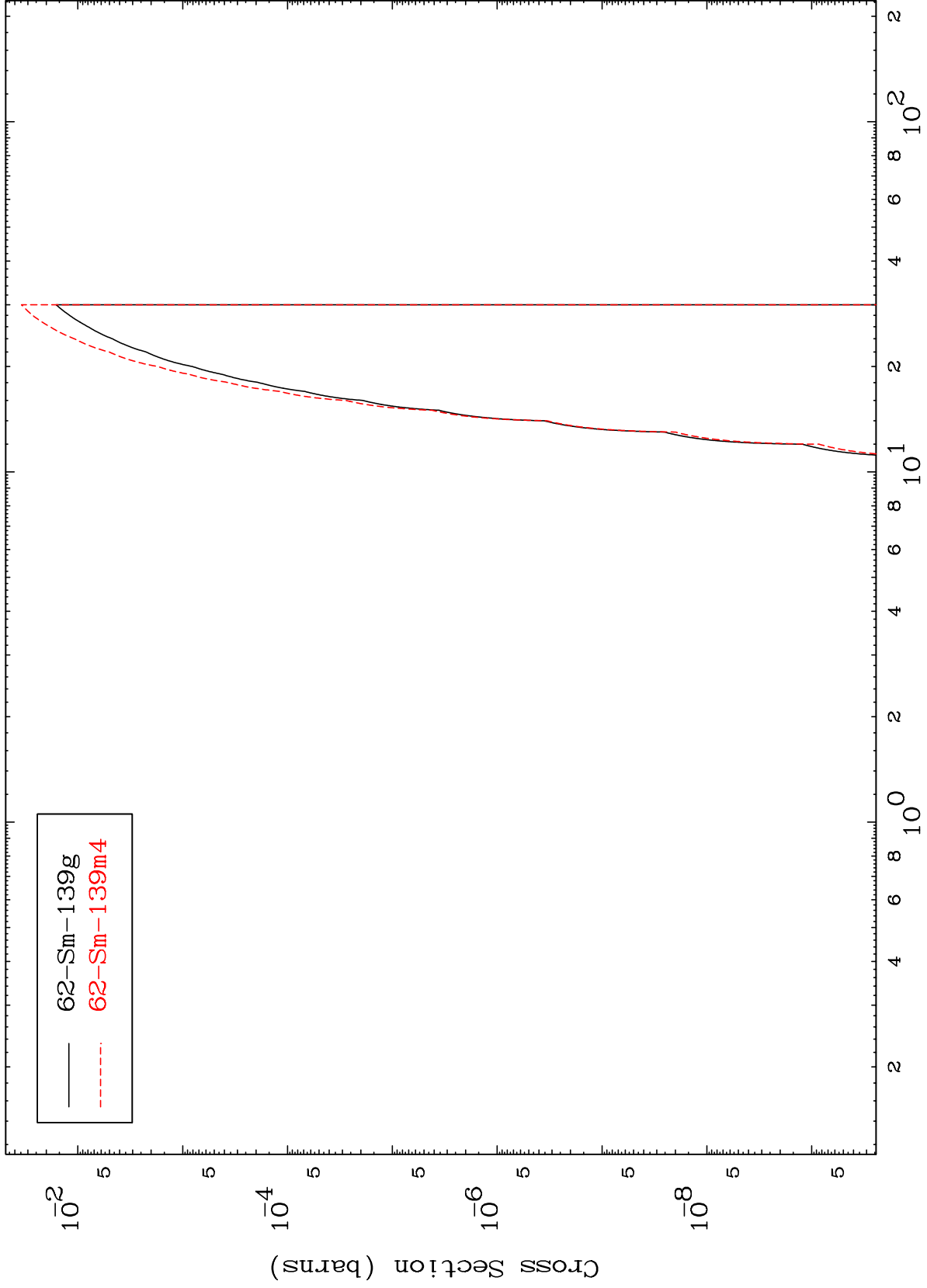
Incident Energy (MeV)

62-Sm-139m

MAT 6211

62-Sm-139m

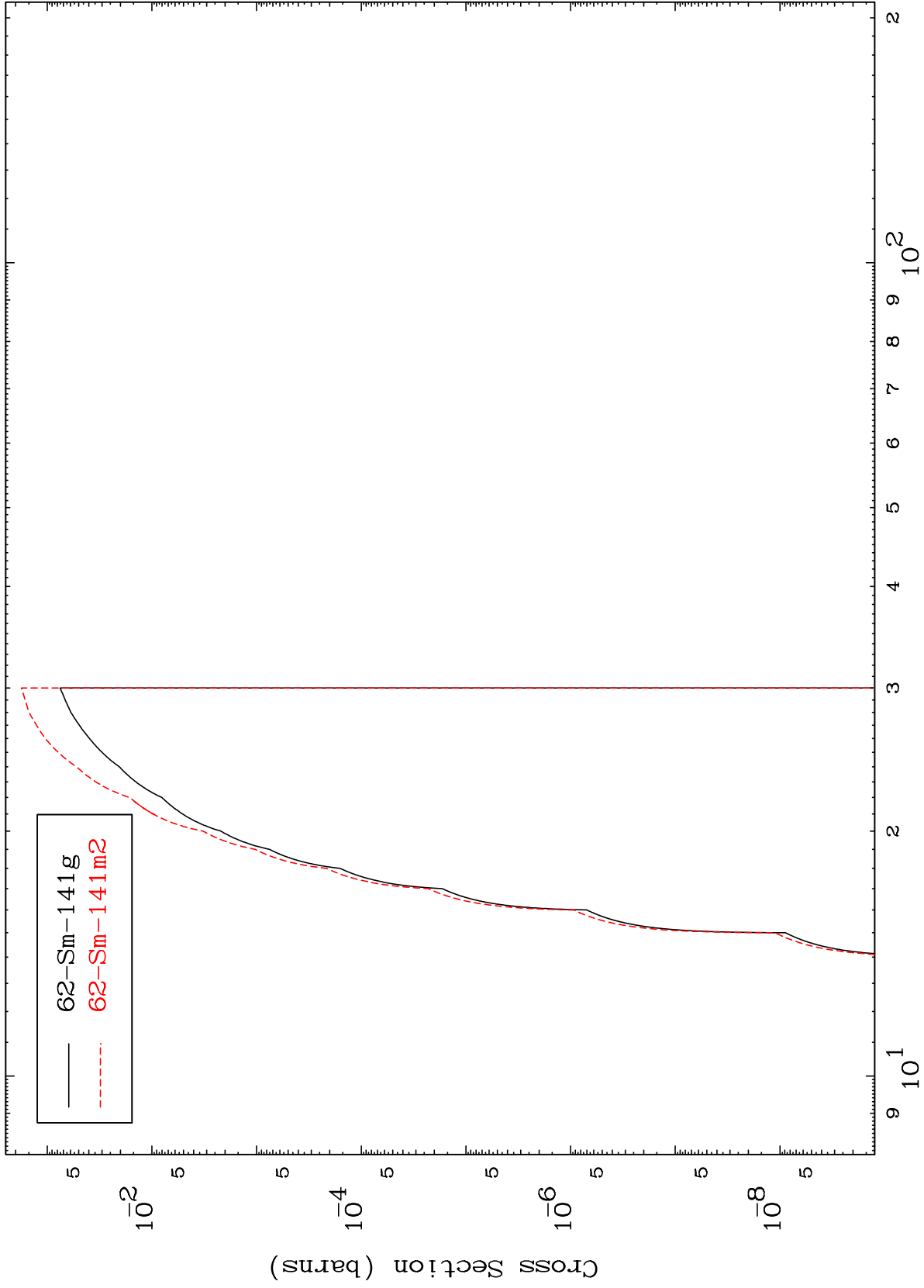
Radionuclide Production Cross Section
(n, α)



MAT 6211

62-Sm-139m

(n,2p)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

62-Sm-139m

