

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

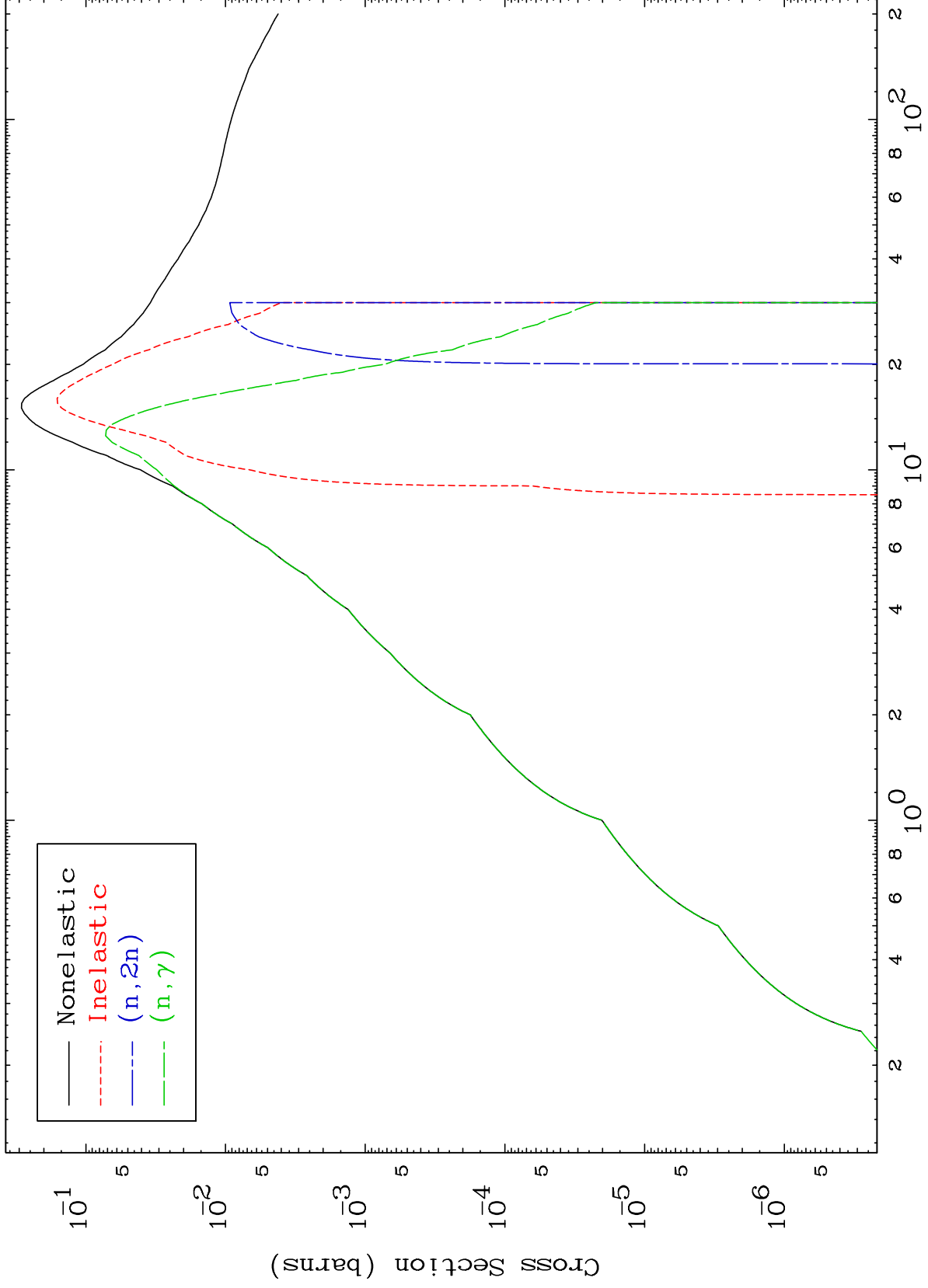
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6211

0 Kelvin Major
Photon Cross Sections

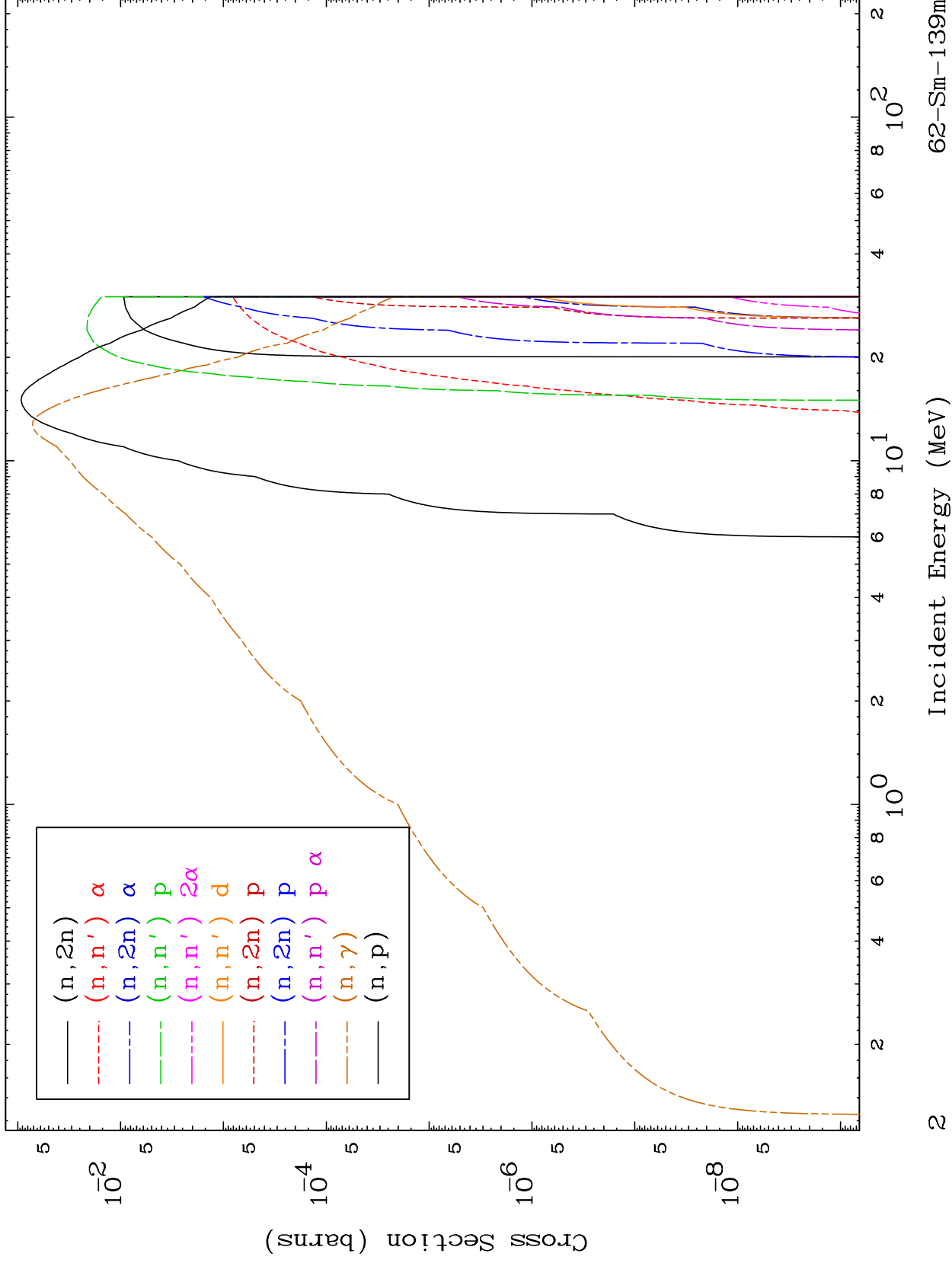
62-Sm-139m



MAT 6211

Photon Neutron Absorption
0 Kelvin Cross Sections

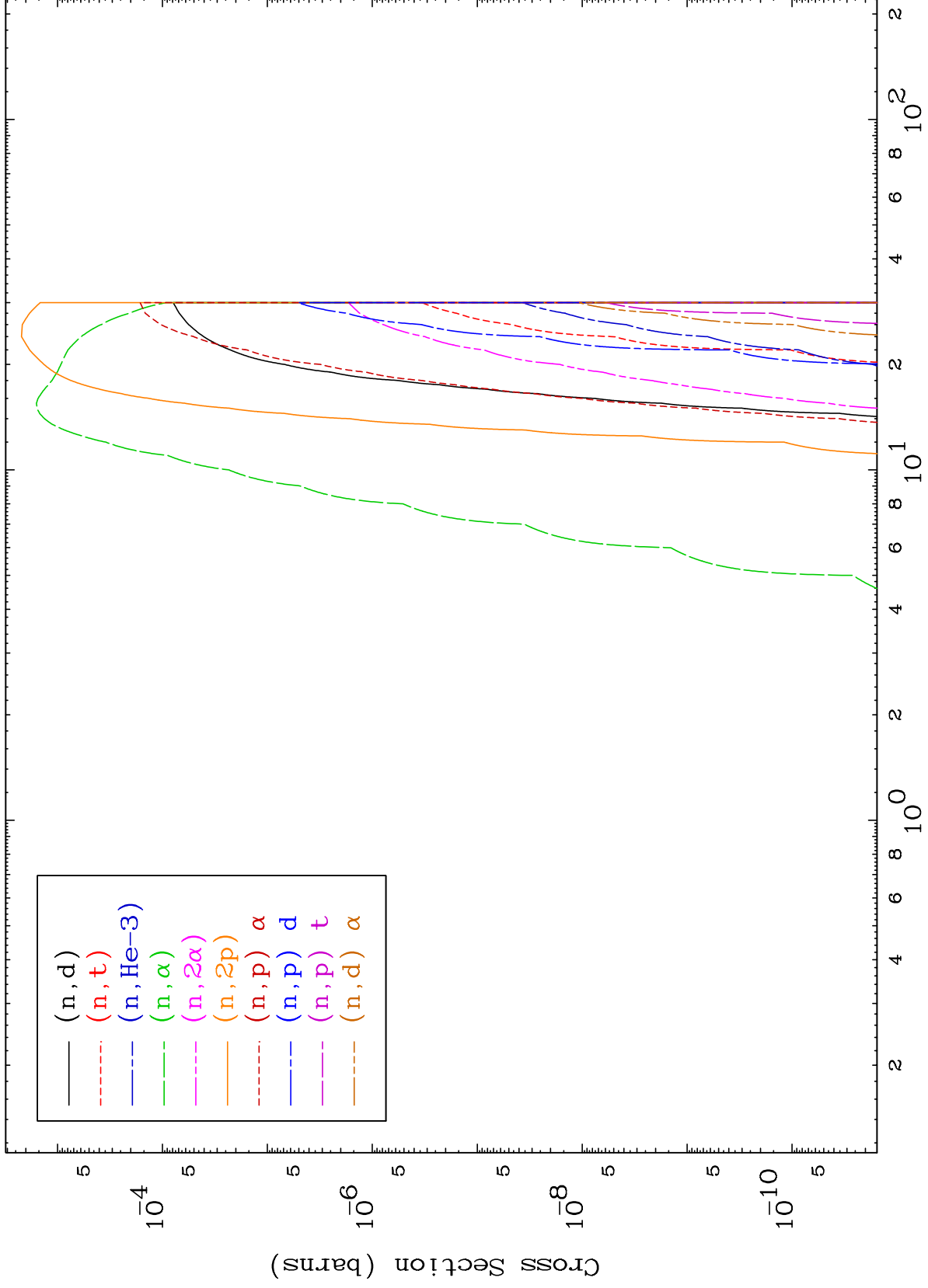
62-Sm-139m



MAT 6211

Photon Neutron Absorption
0 Kelvin Cross Sections

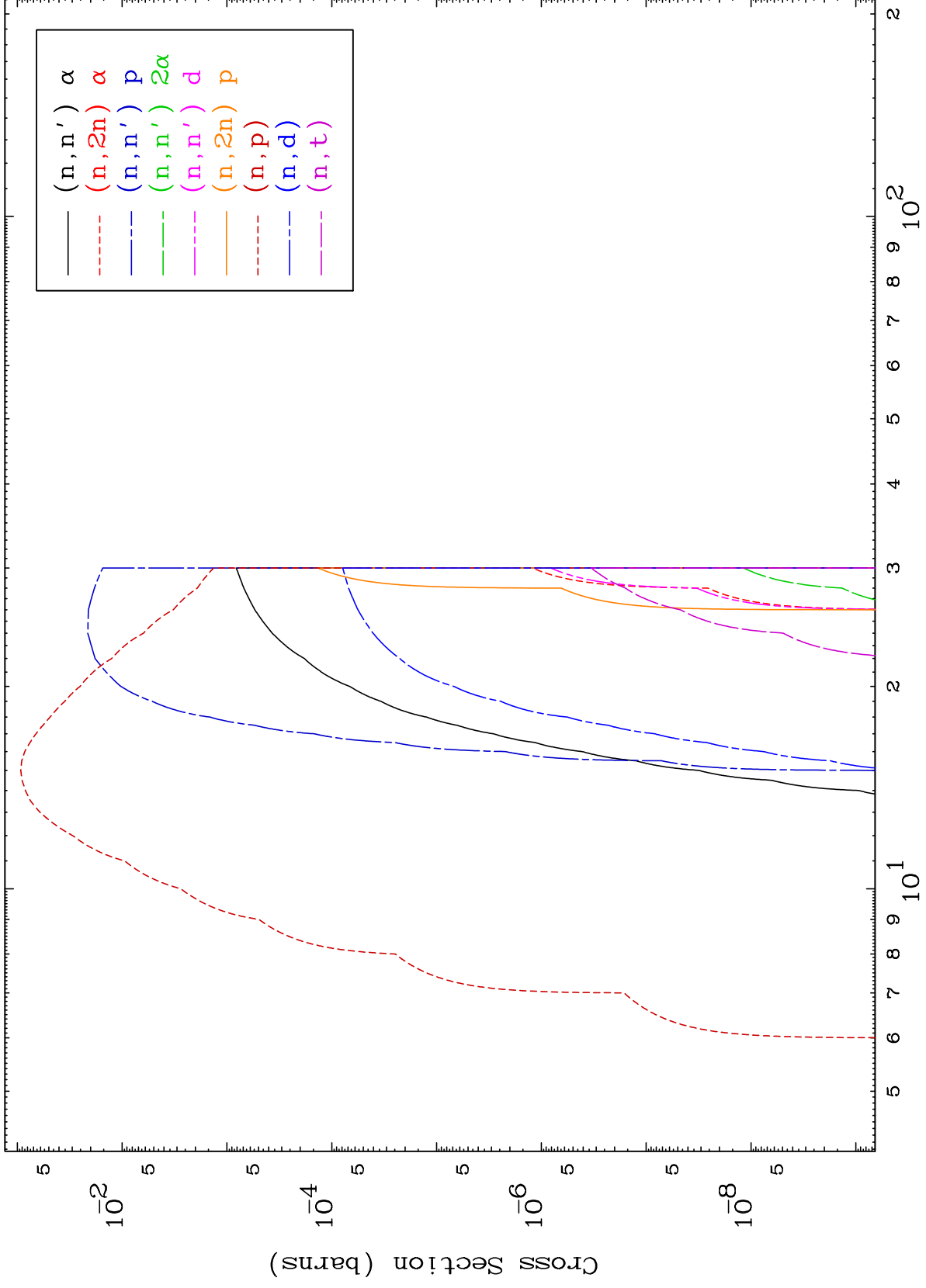
62-Sm-139m



MAT 6211

Photon Charged Particle
0 Kelvin Cross Sections

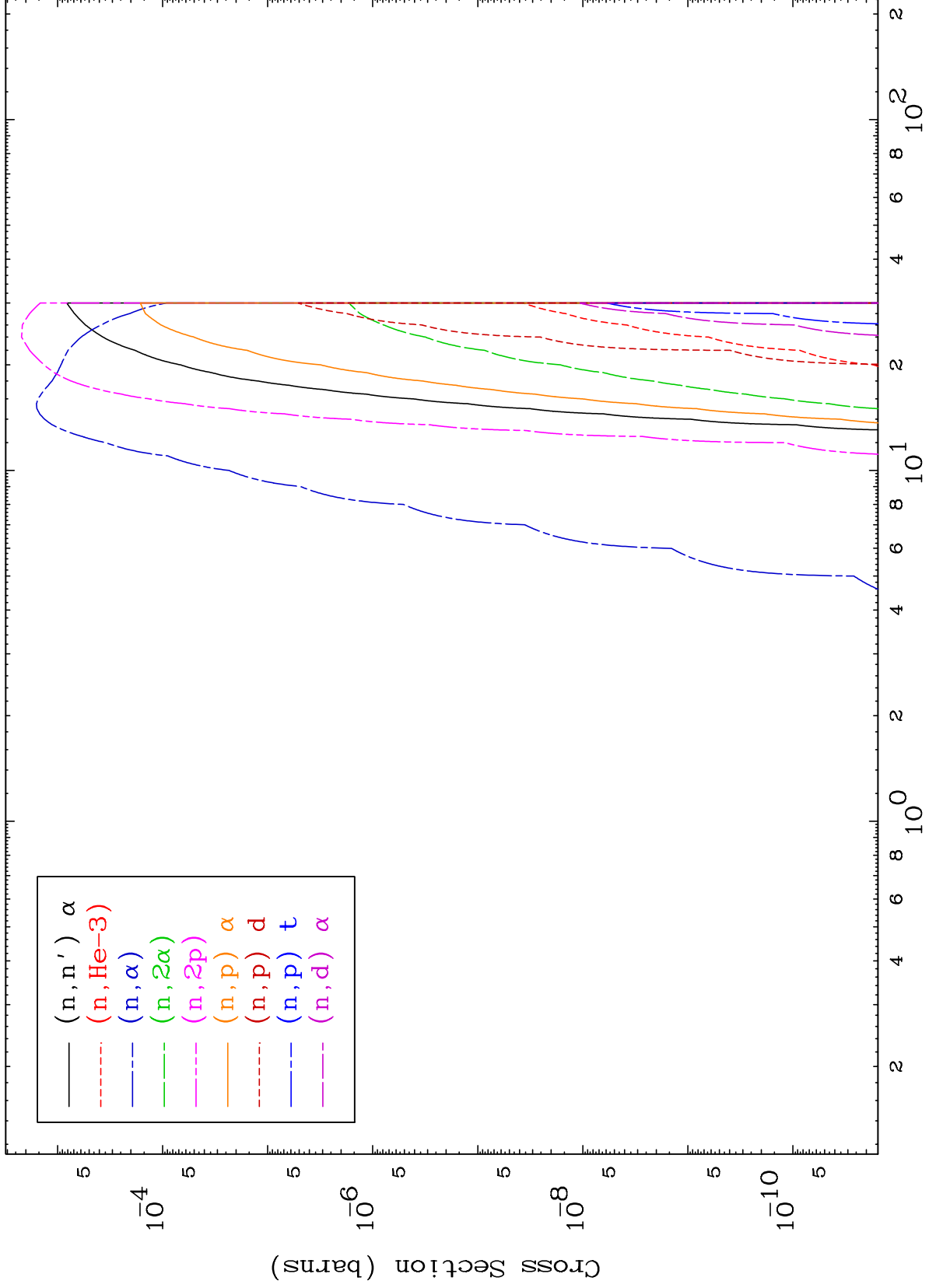
62-Sm-139m



MAT 6211

Photon Charged Particle
0 Kelvin Cross Sections

62-Sm-139m

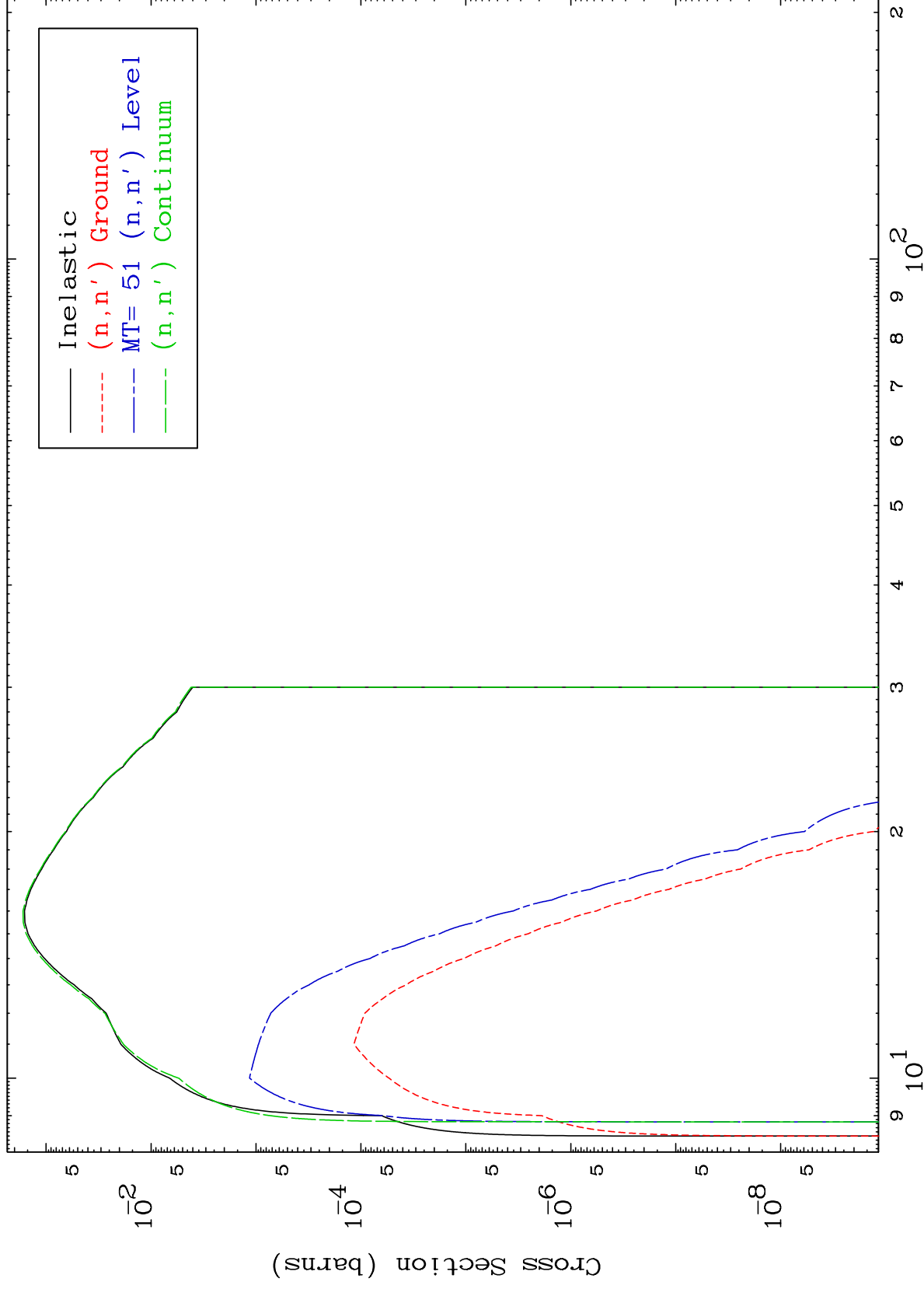


MAT 6211

(γ, n') Levels

62-Sm-139m

0 Kelvin Cross Sections



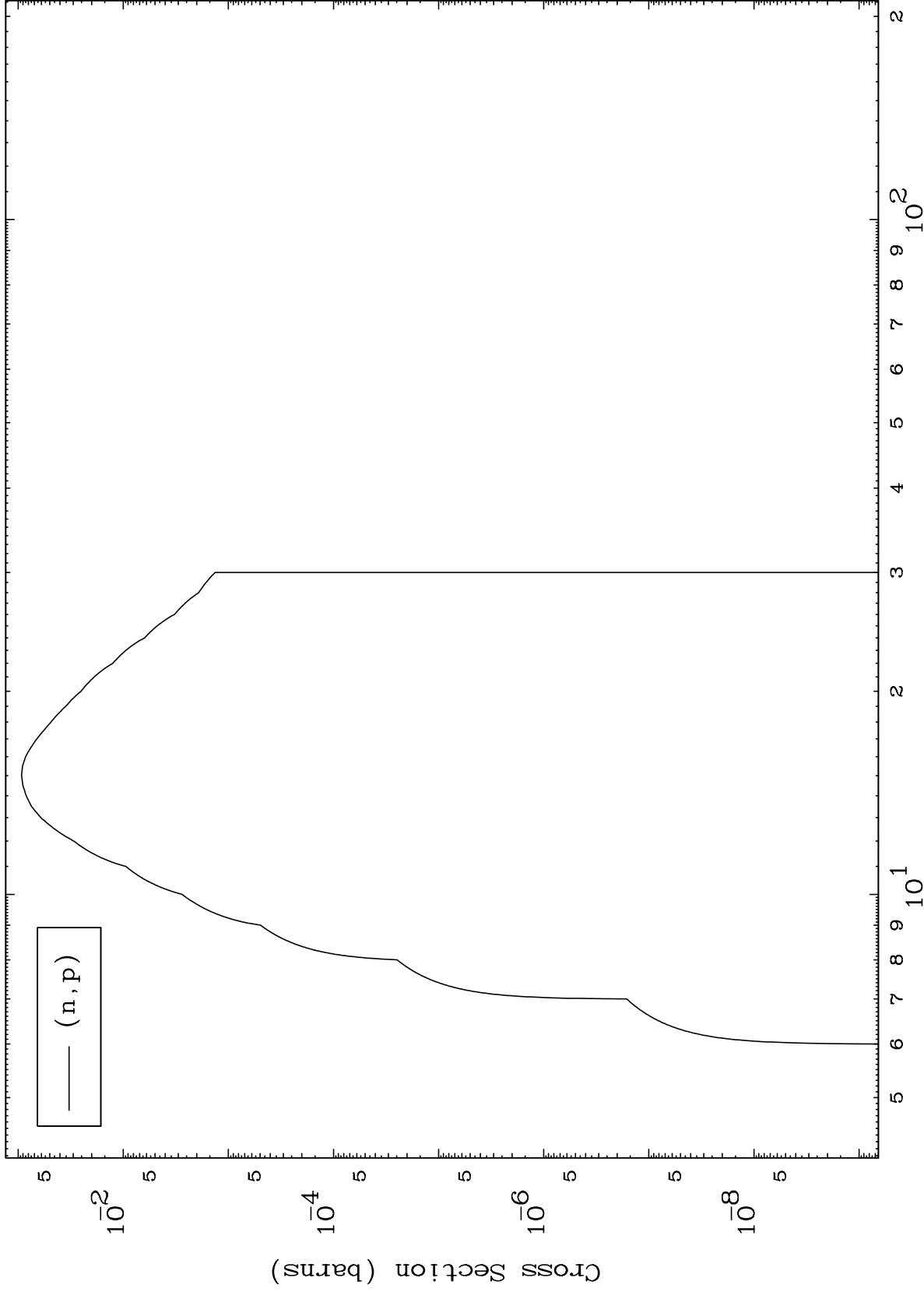
Incident Energy (MeV)

62-Sm-139m

MAT 6211

(γ, p) Levels
0 Kelvin Cross Sections

62-Sm-139m



7

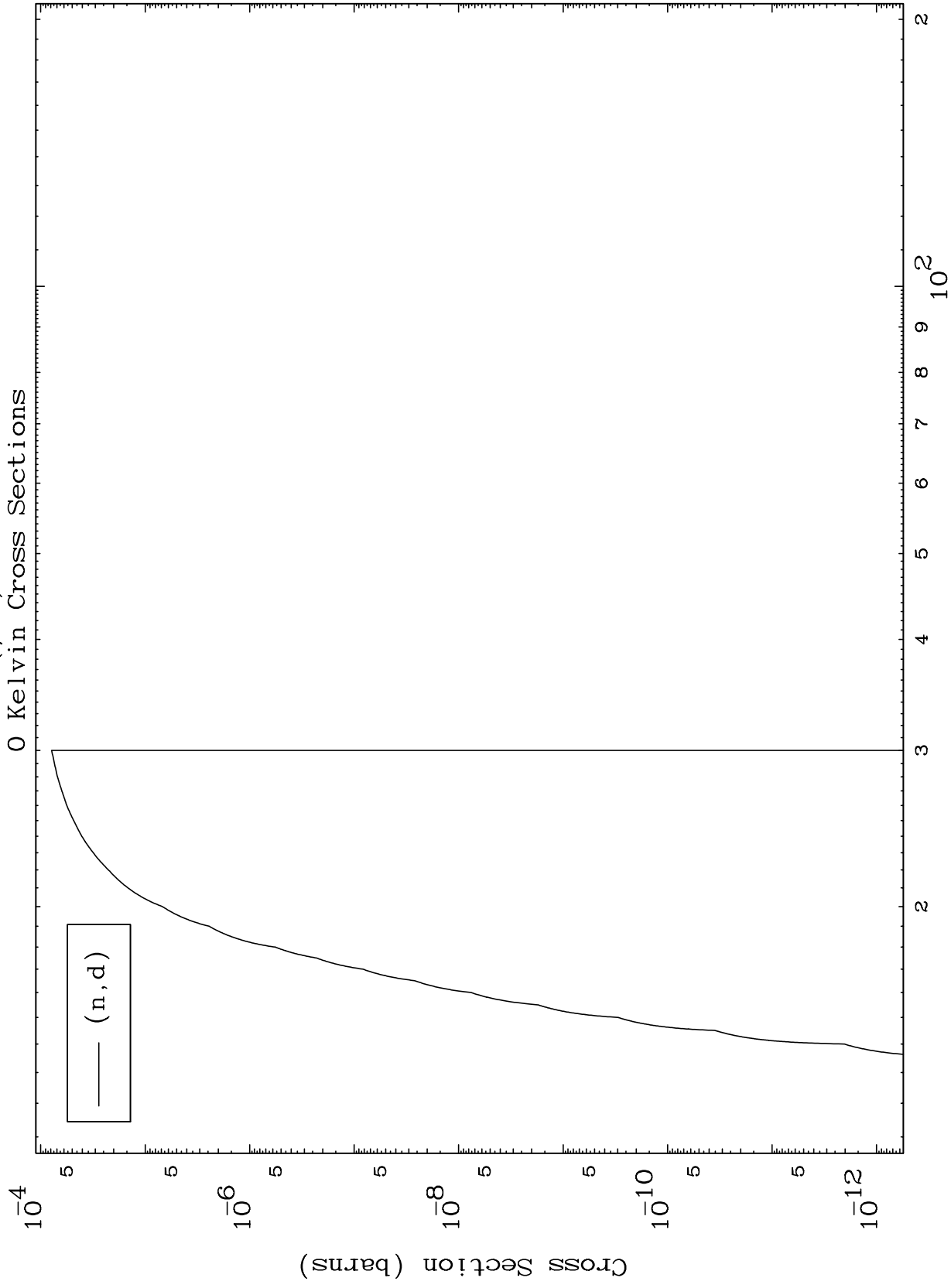
Incident Energy (MeV)

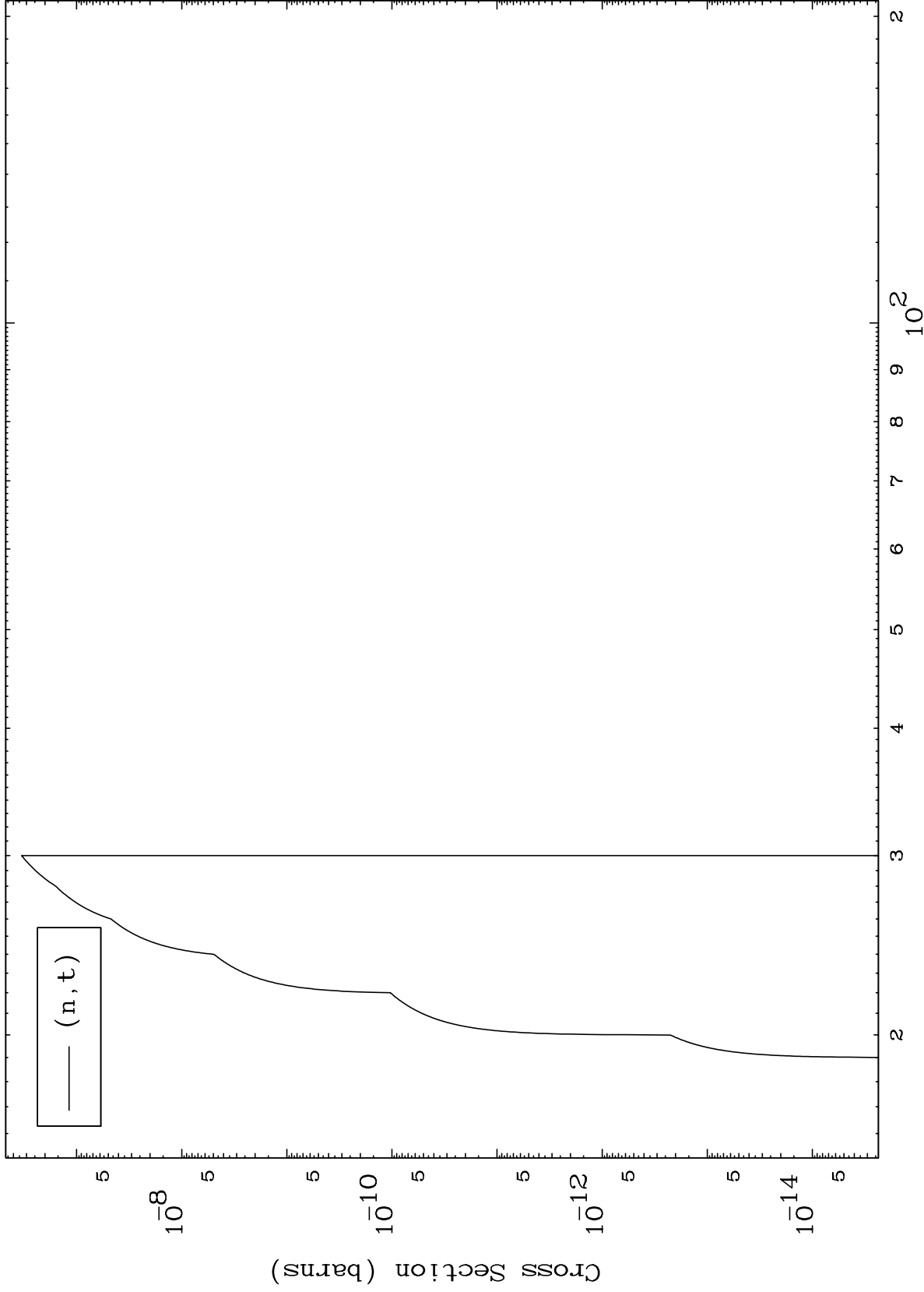
62-Sm-139m

MAT 6211

(γ, d) Levels
0 Kelvin Cross Sections

62-Sm-139m

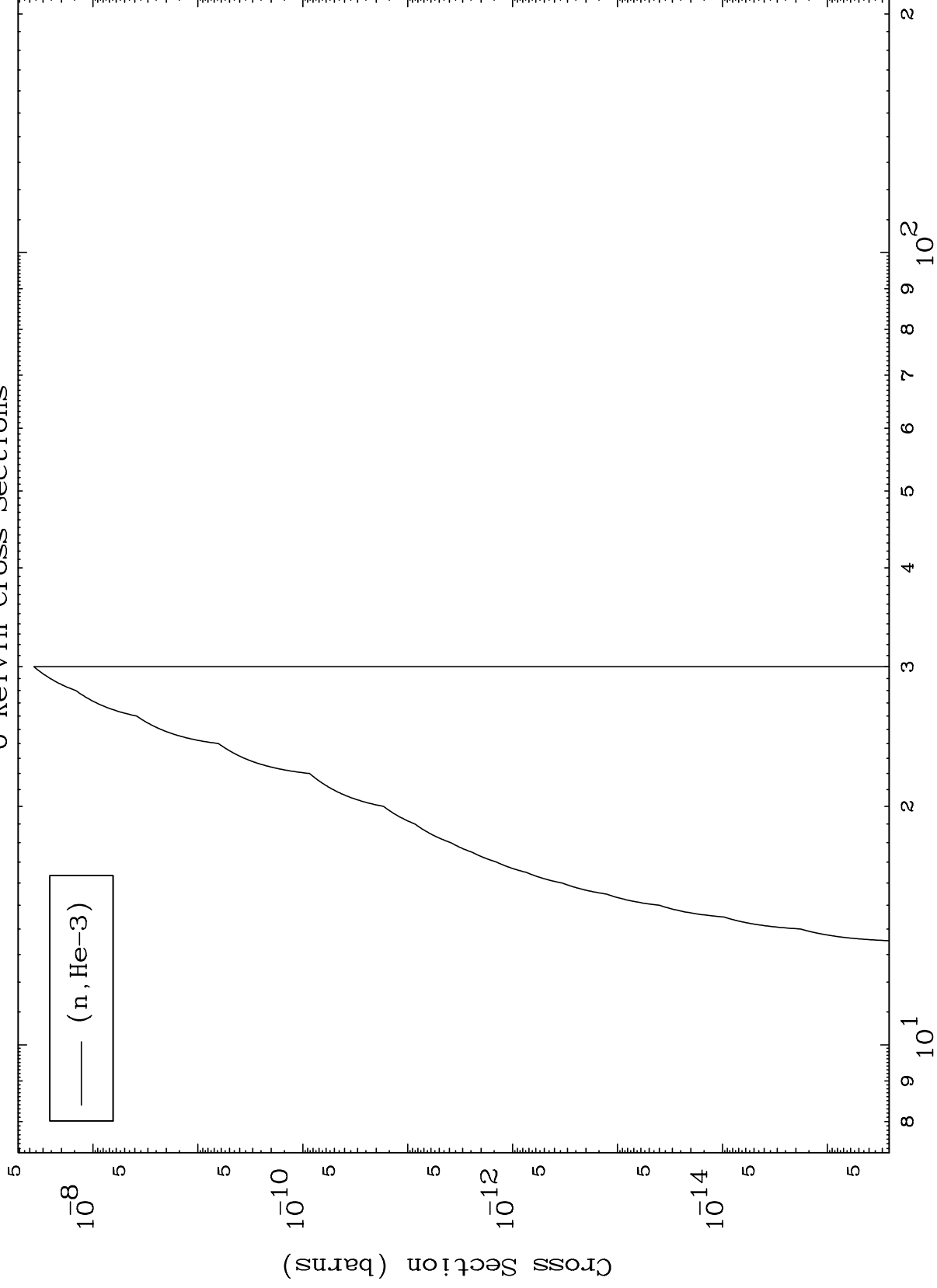




MAT 6211

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

62-Sm-139m

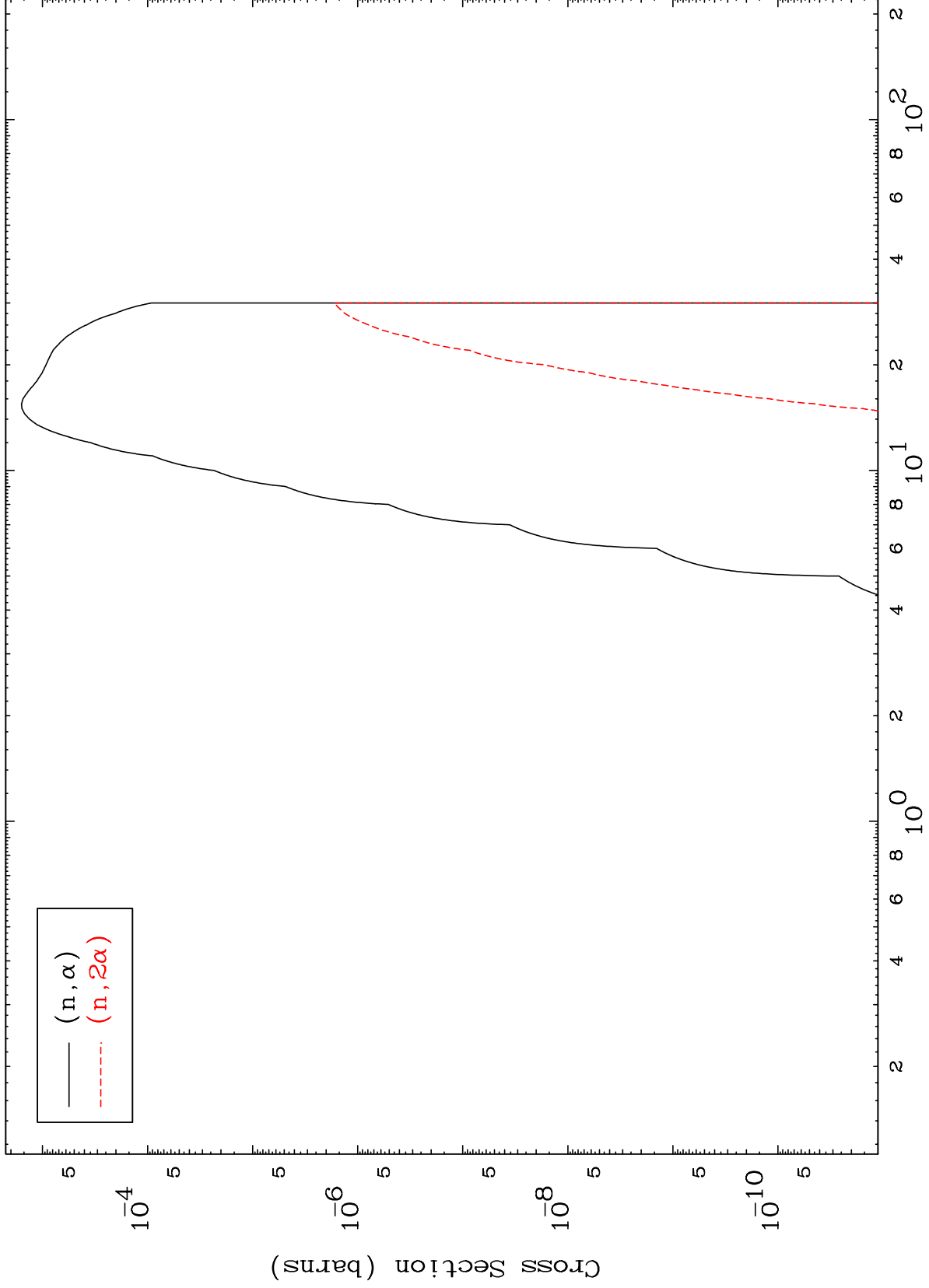


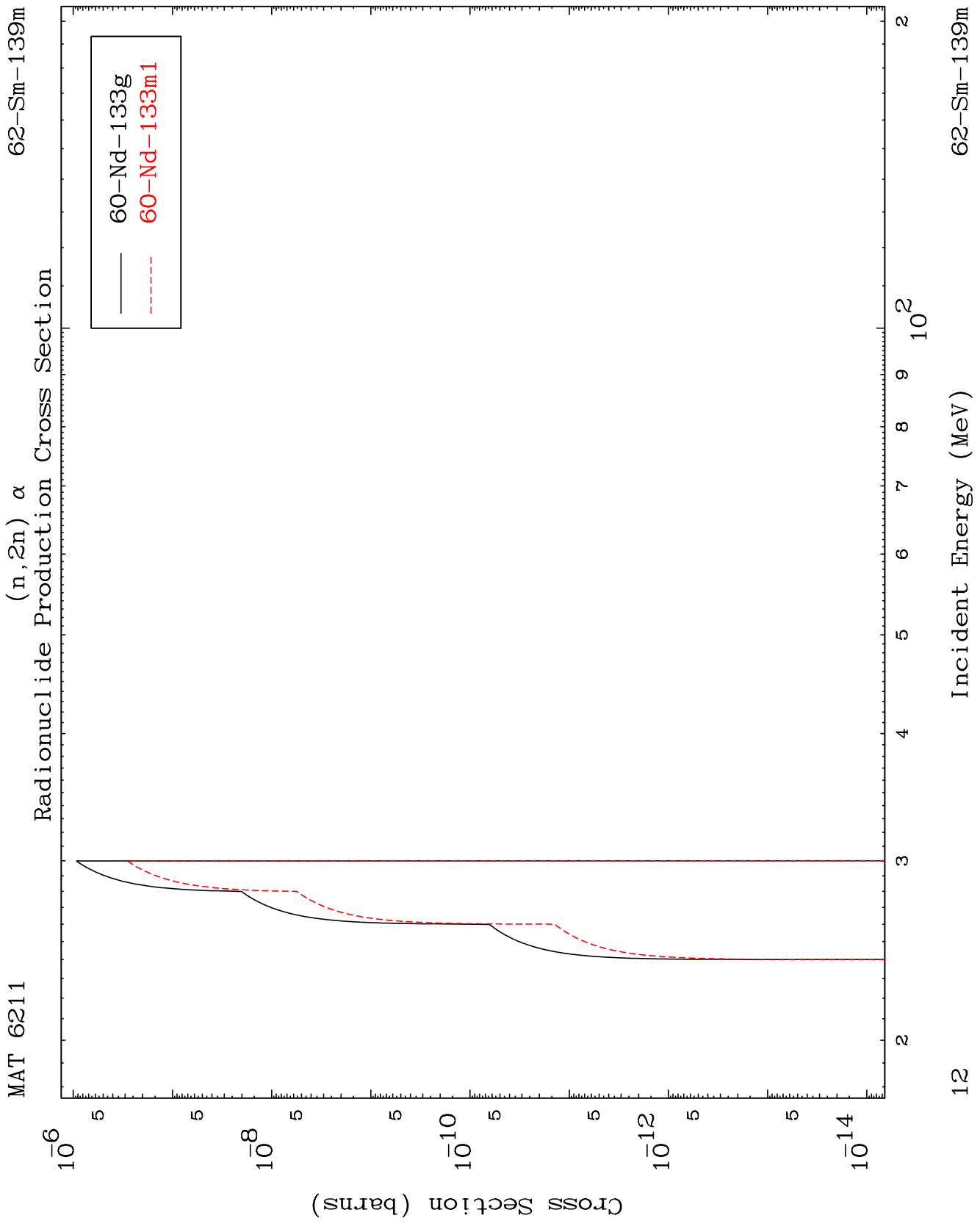
MAT 6211

(γ, α) Levels

62-Sm-139m

0 Kelvin Cross Sections



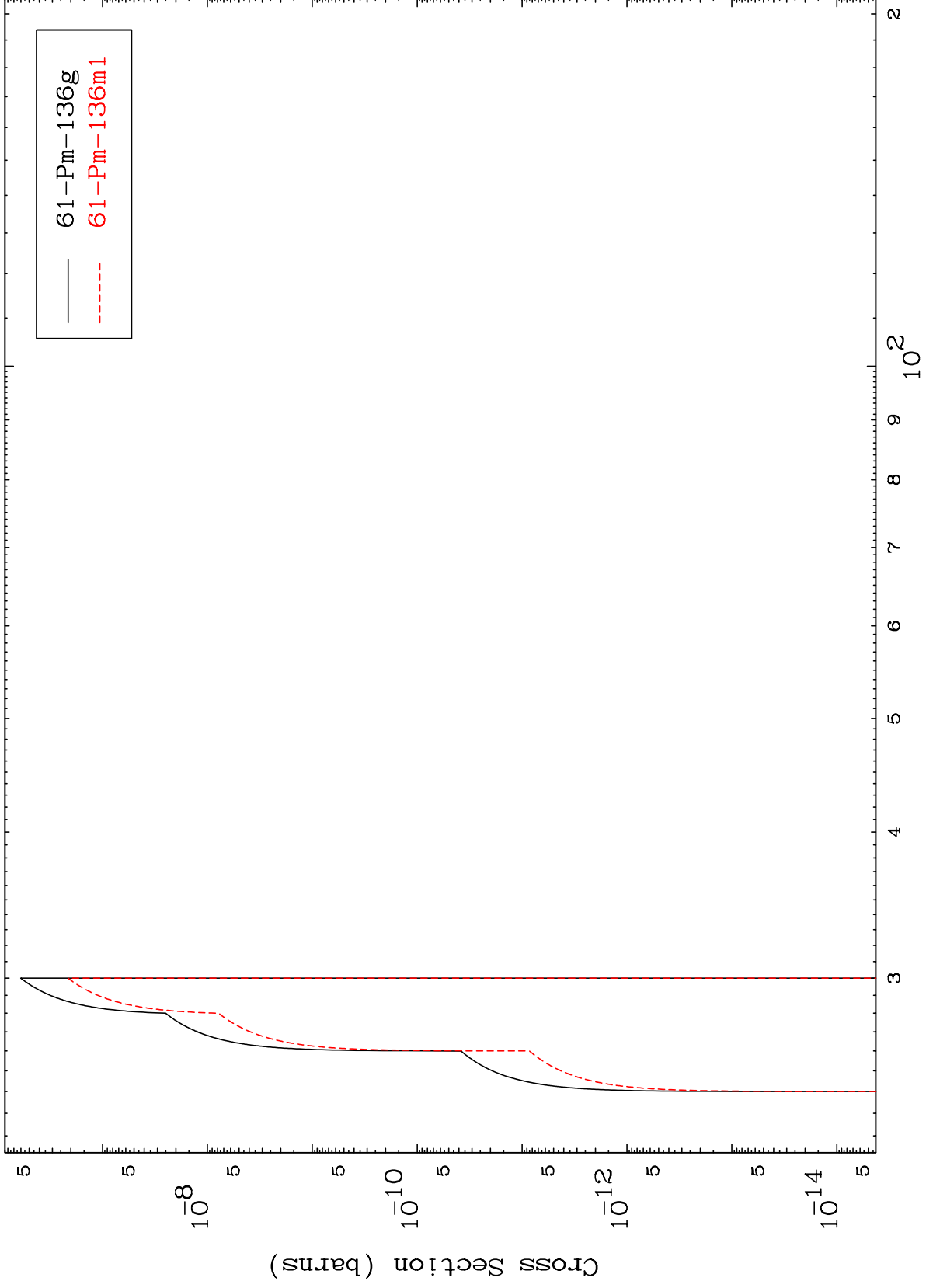


MAT 6211

(n,n') d

62-Sm-139m

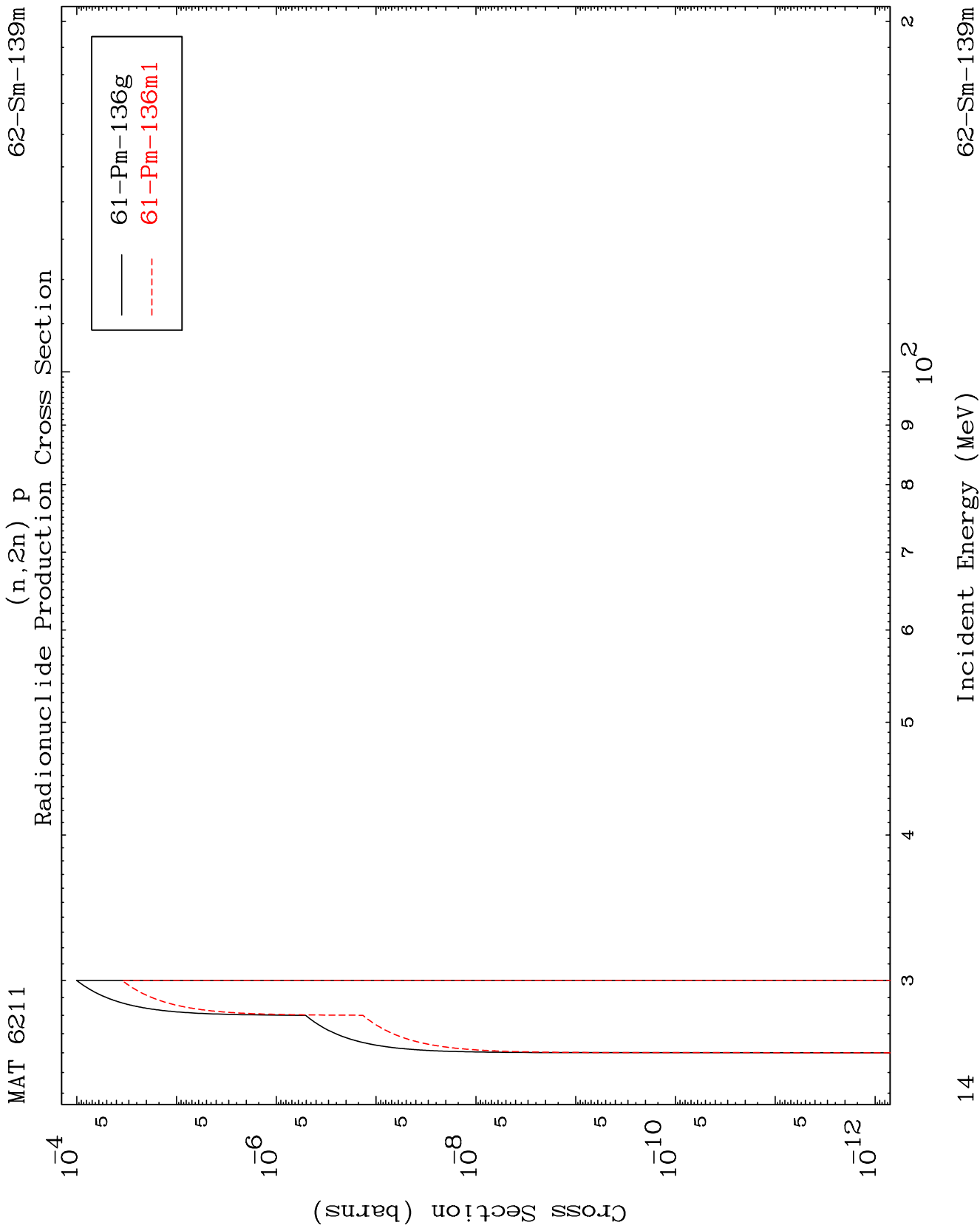
Radionuclide Production Cross Section



13

Incident Energy (MeV)

62-Sm-139m

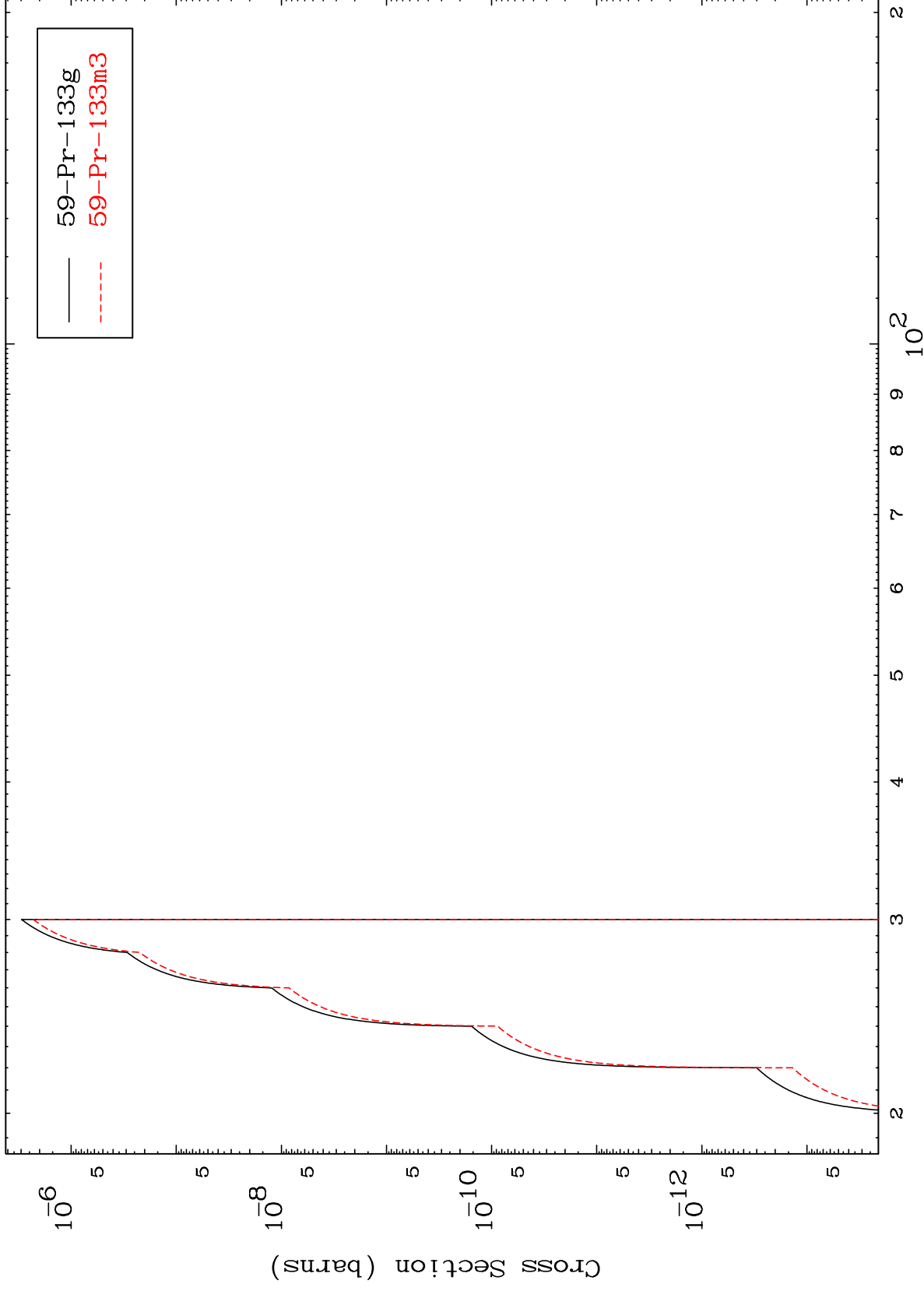


MAT 6211

(n,n') p α

62-Sm-139m

Radionuclide Production Cross Section



15

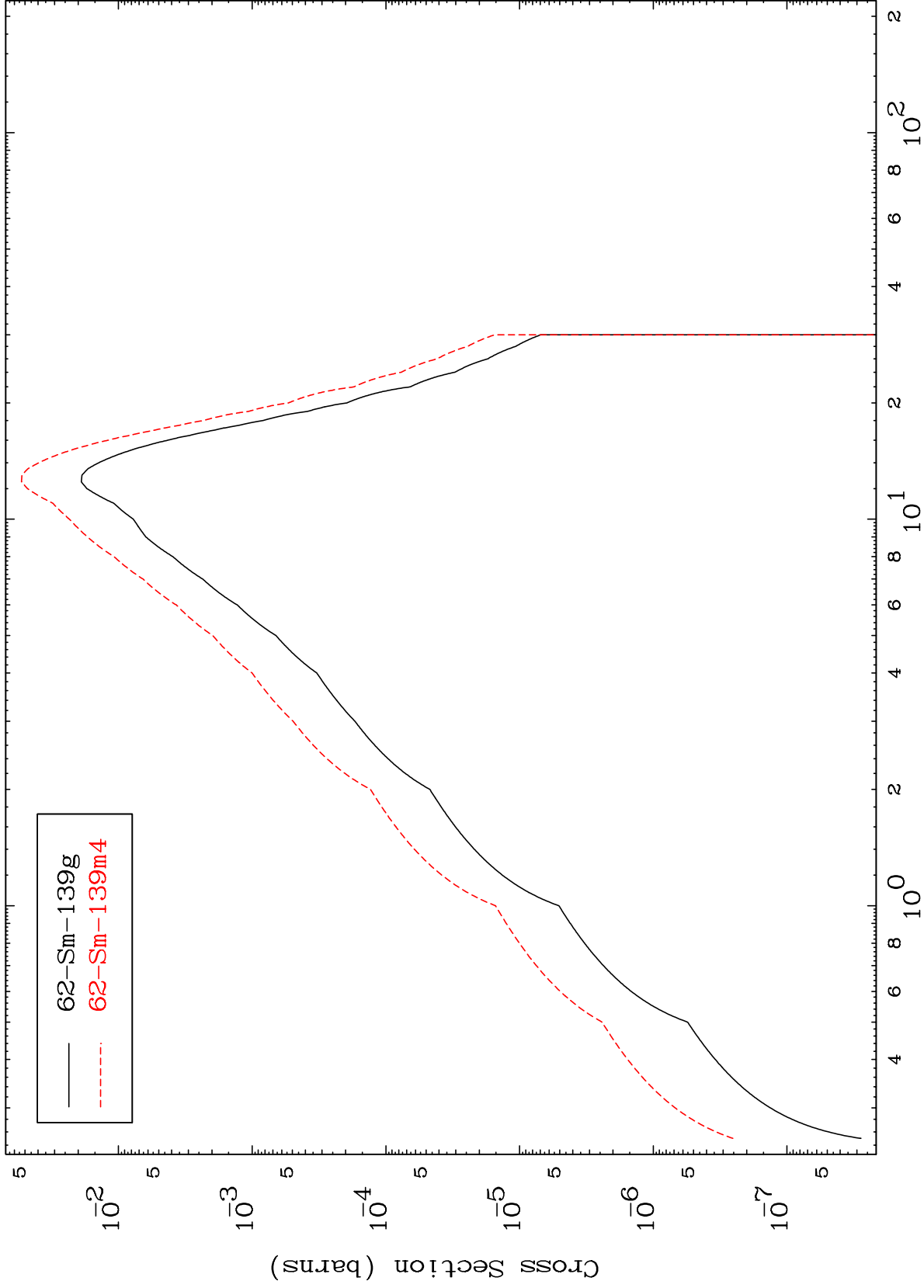
Incident Energy (MeV)

62-Sm-139m

MAT 6211

62-Sm-139m

Radionuclide Production Cross Section



Incident Energy (MeV)

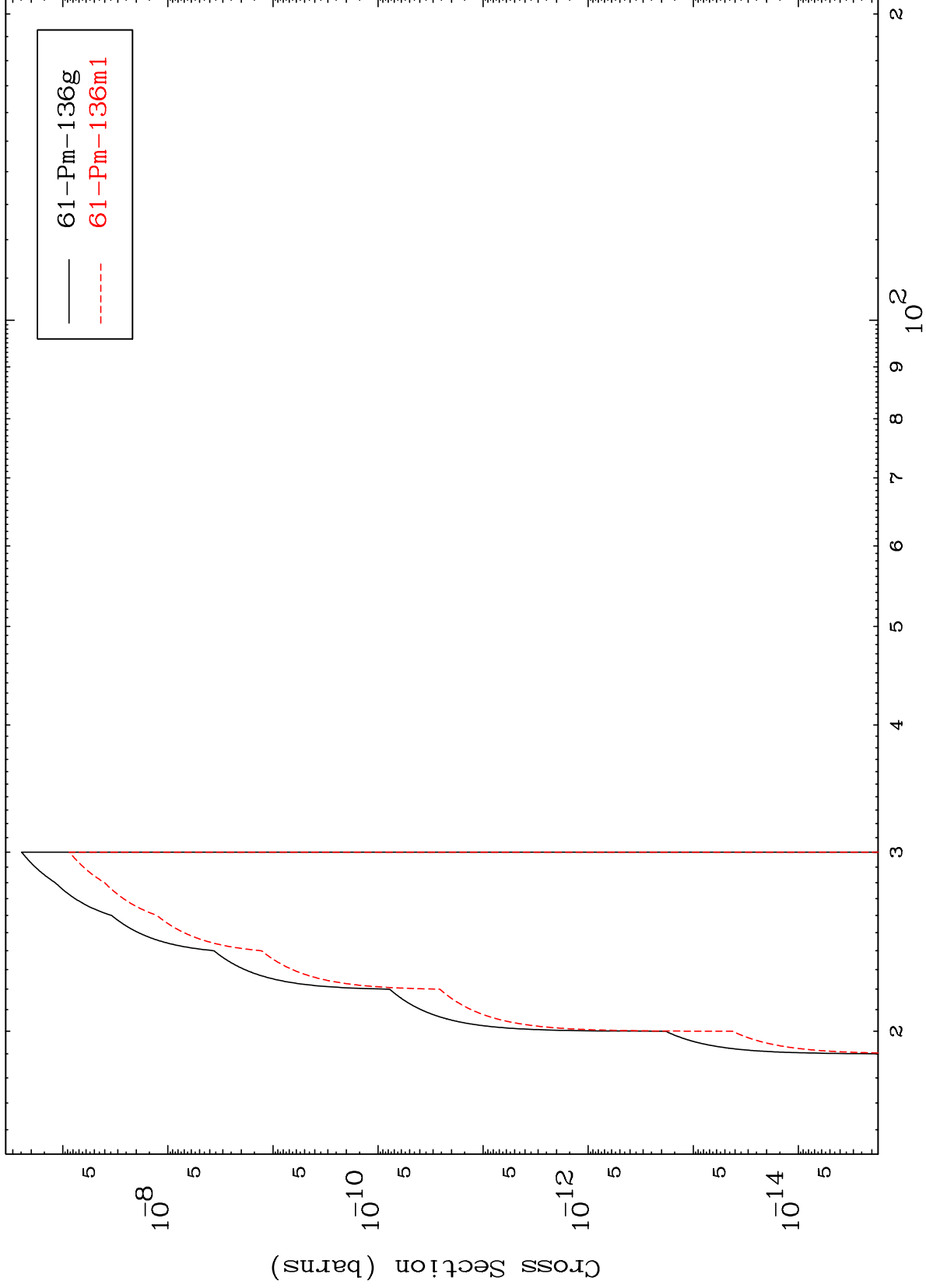
62-Sm-139m

16

MAT 6211

62-Sm-139m

(n,t)
Radionuclide Production Cross Section



17

62-Sm-139m

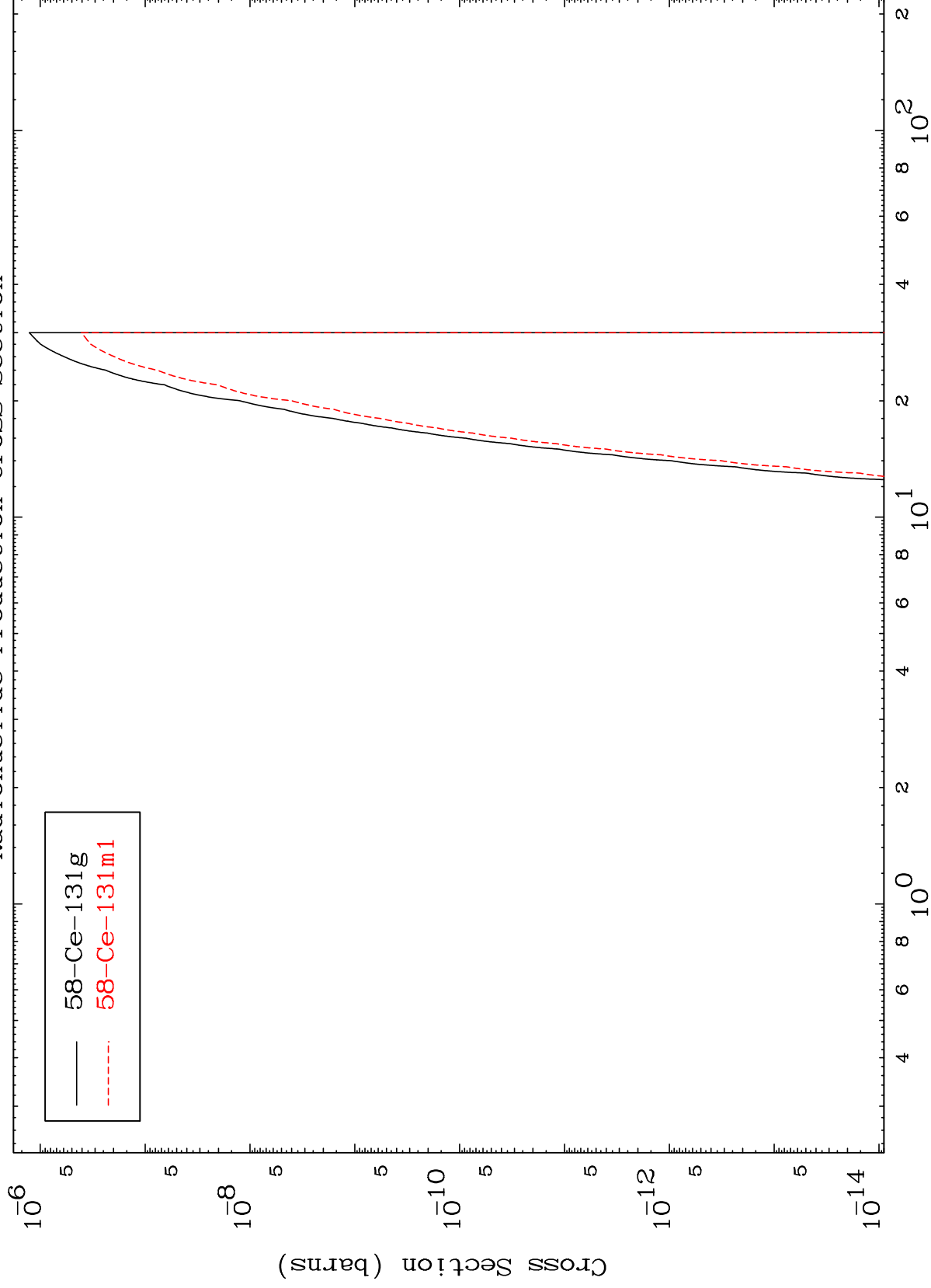
Incident Energy (MeV)

MAT 6211

(n,2α)

62-Sm-139m

Radionuclide Production Cross Section



18

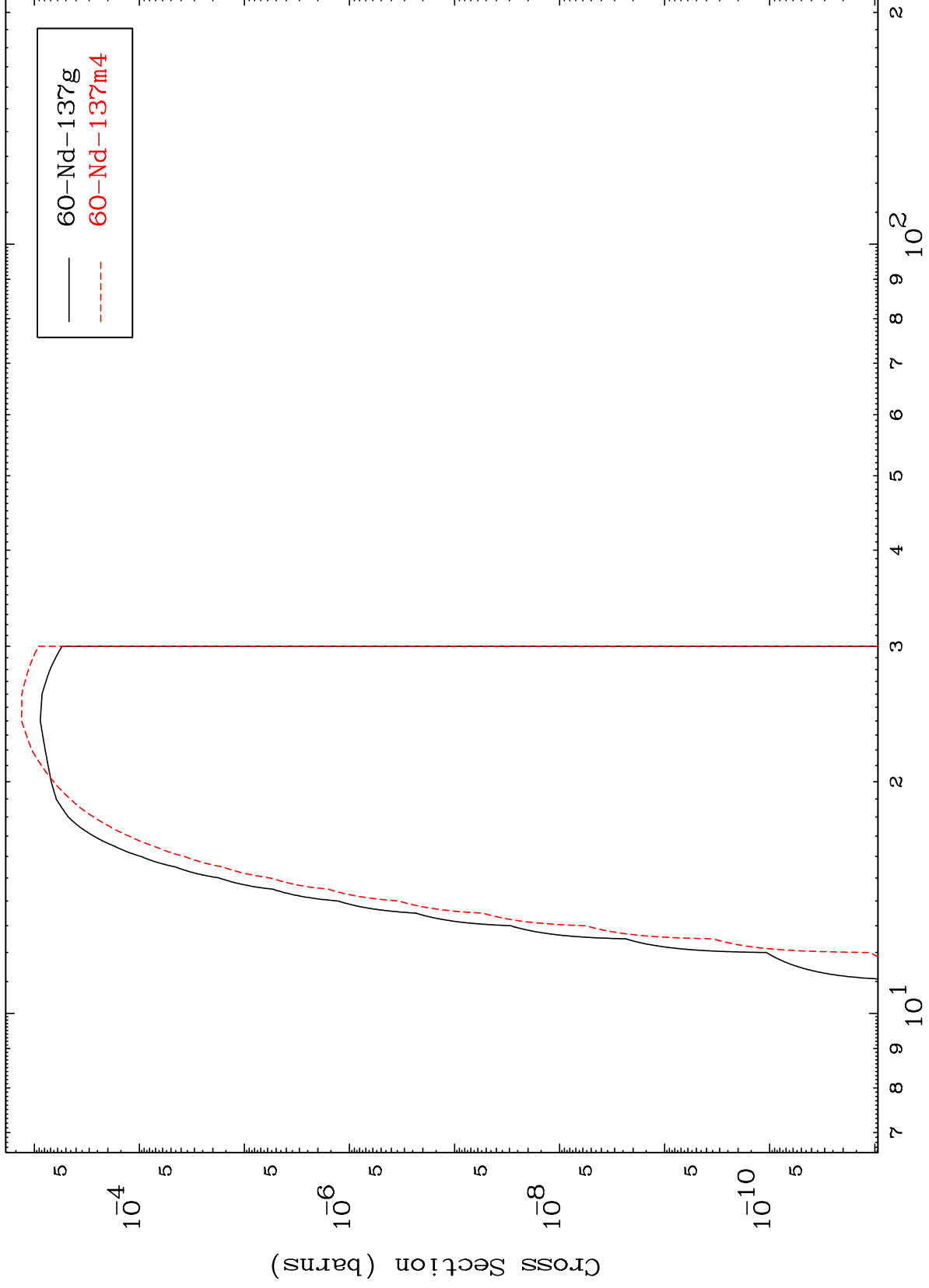
Incident Energy (MeV)

62-Sm-139m

MAT 6211

62-Sm-139m

(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

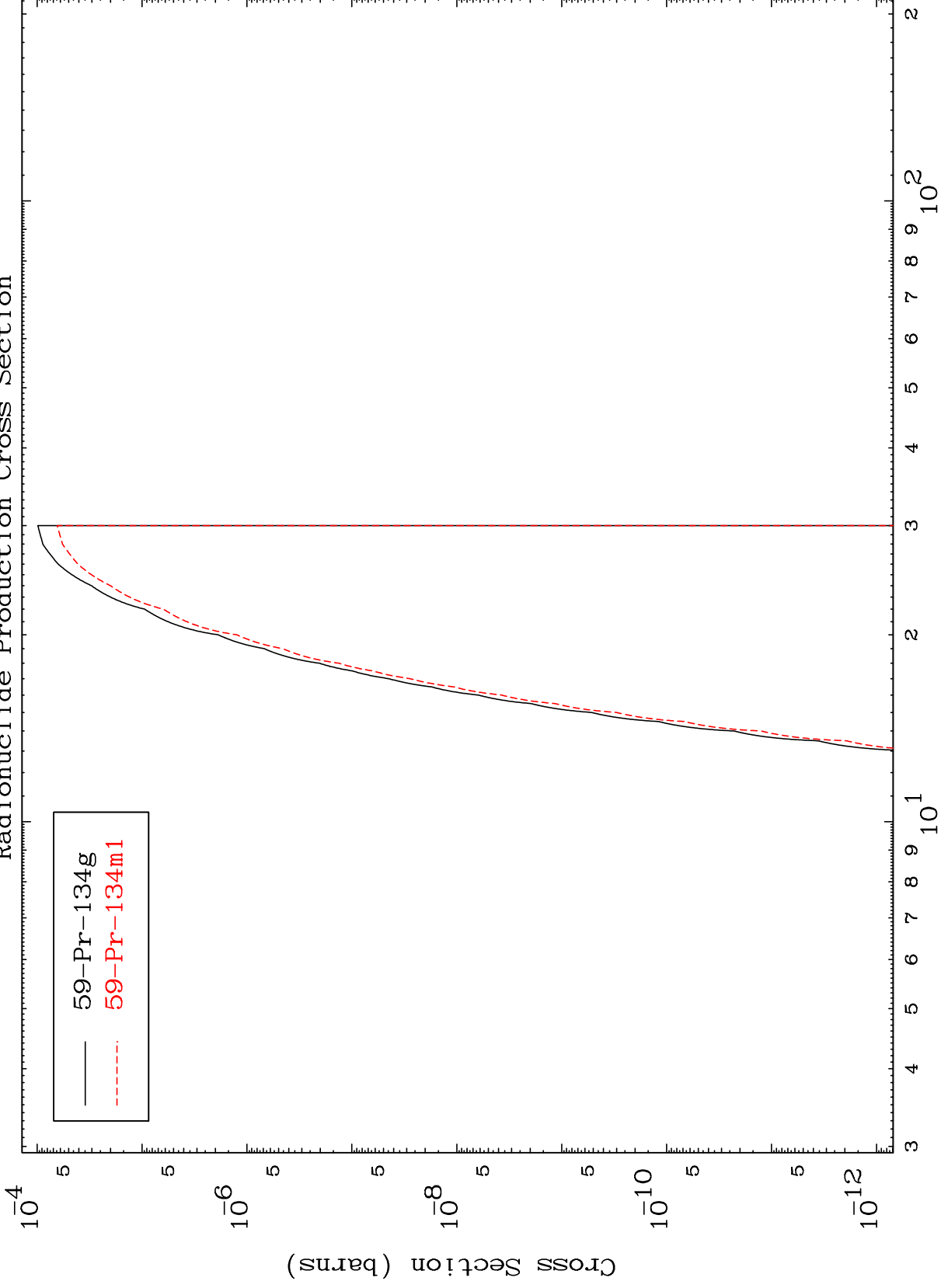
62-Sm-139m

MAT 6211

(n,p) α

62-Sm-139m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

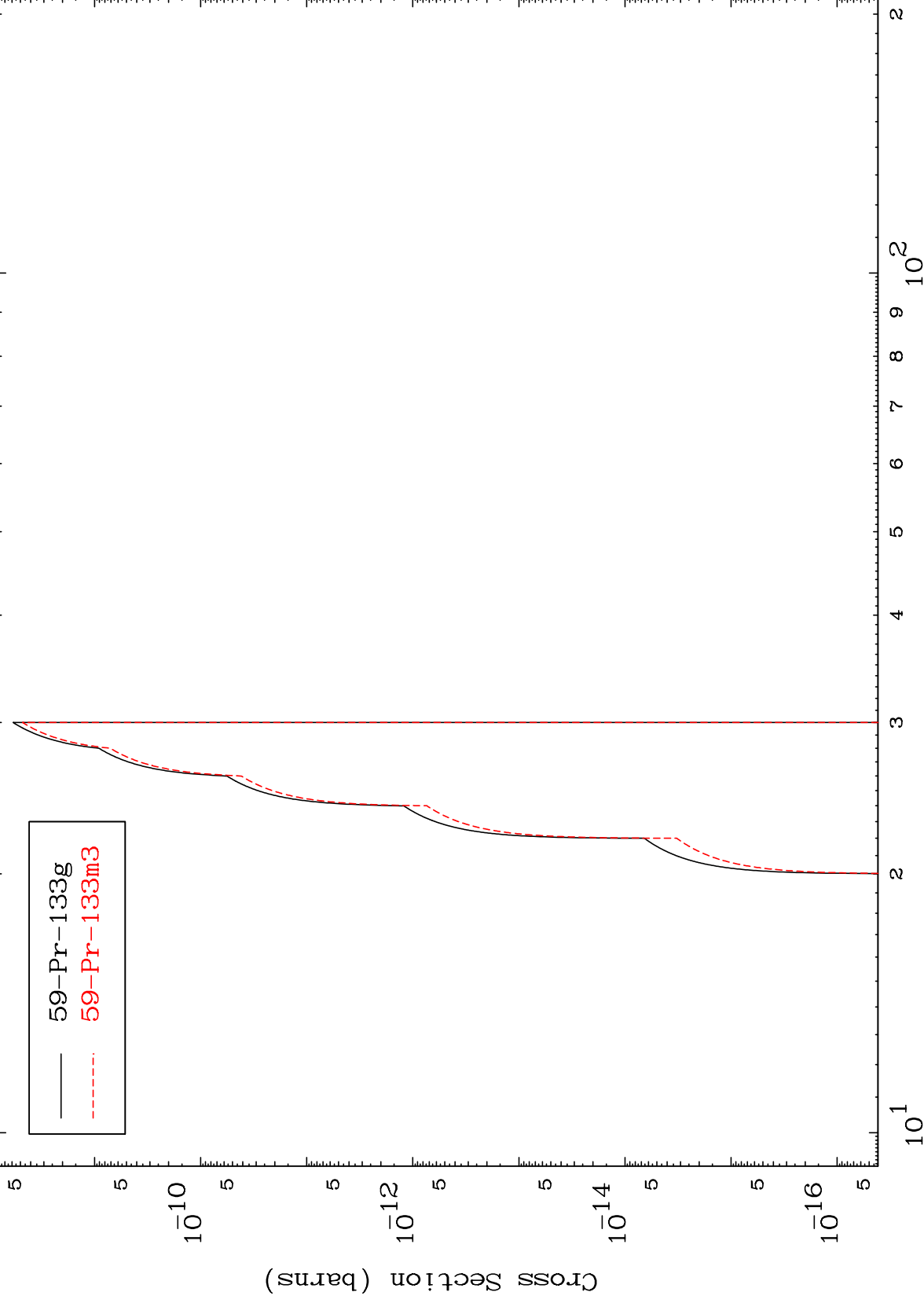
62-Sm-139m

MAT 6211

(n,d) α

62-Sm-139m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

62-Sm-139m