

Program EVALPLOT
(Version 2021-1)

by

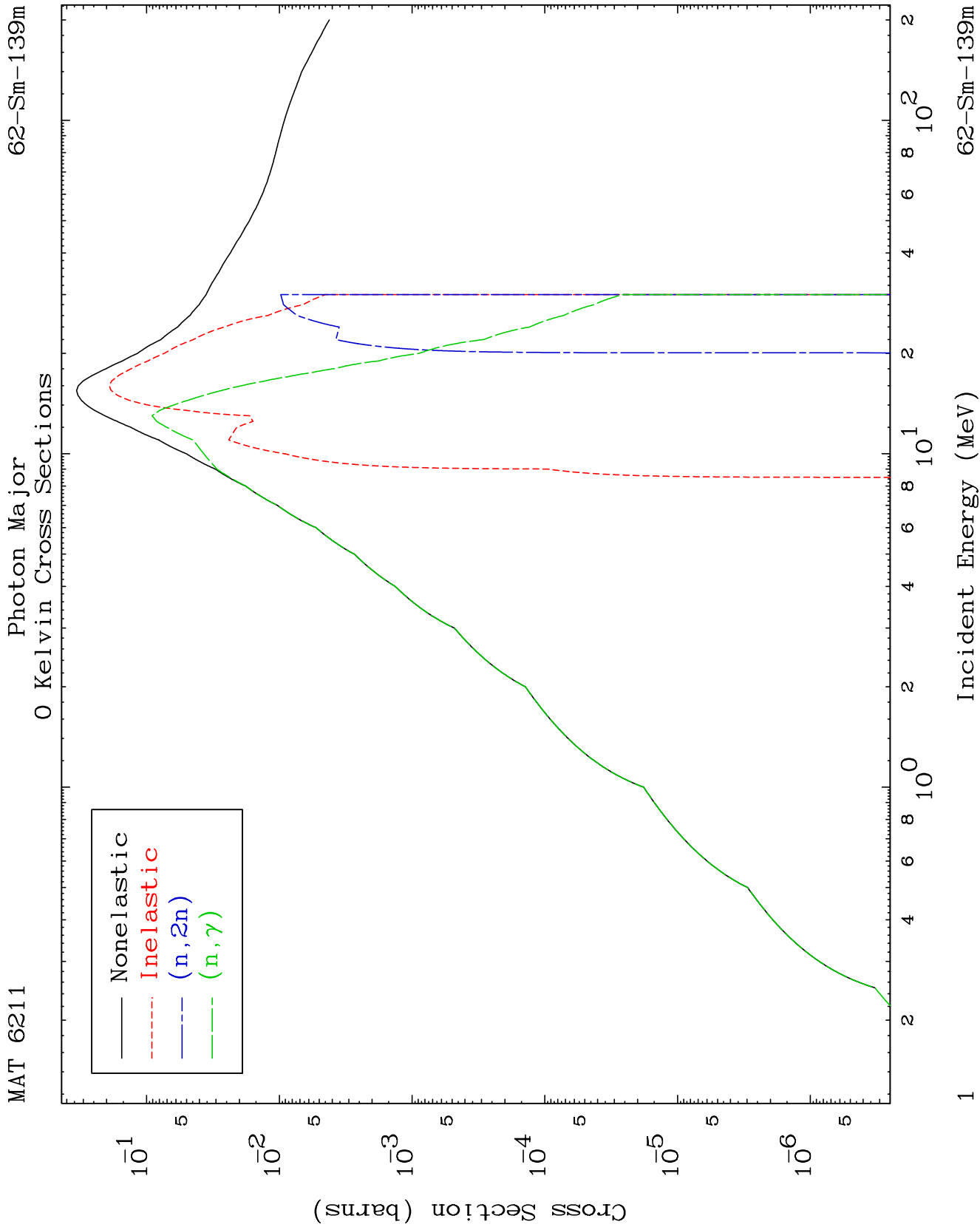
Dermott E. Cullen
(Present Contact Information)

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Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

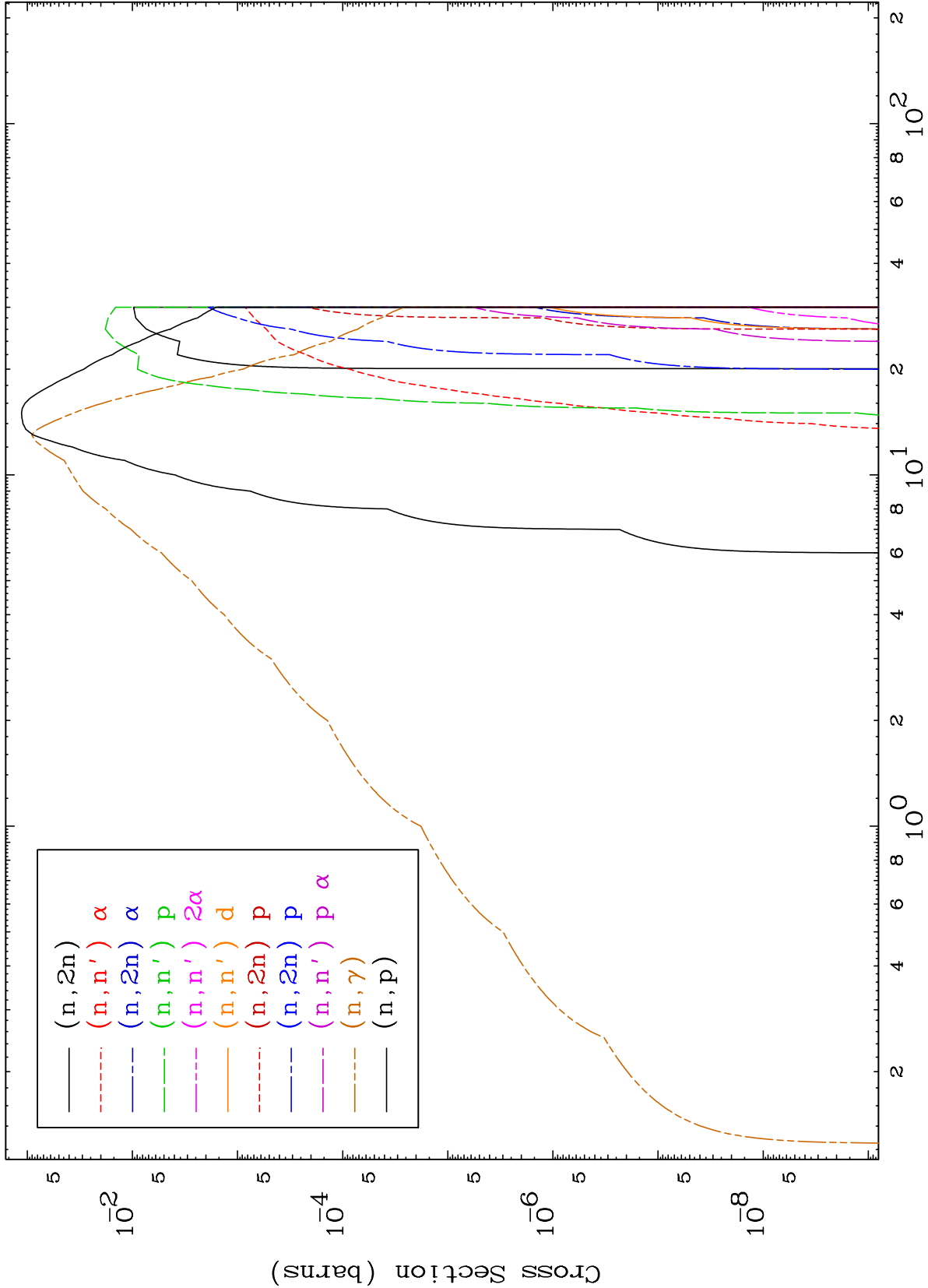
Press Mouse Button to Start

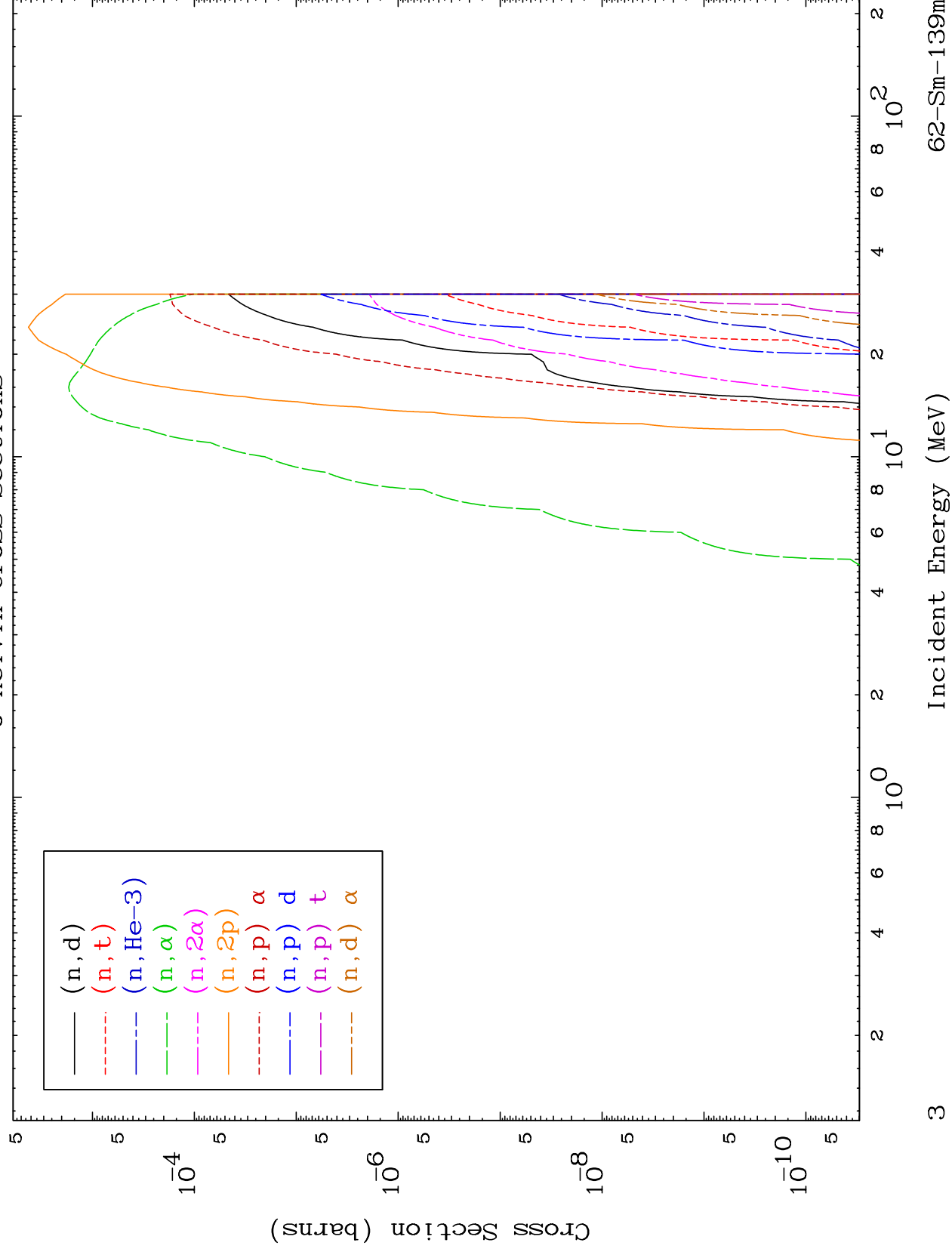


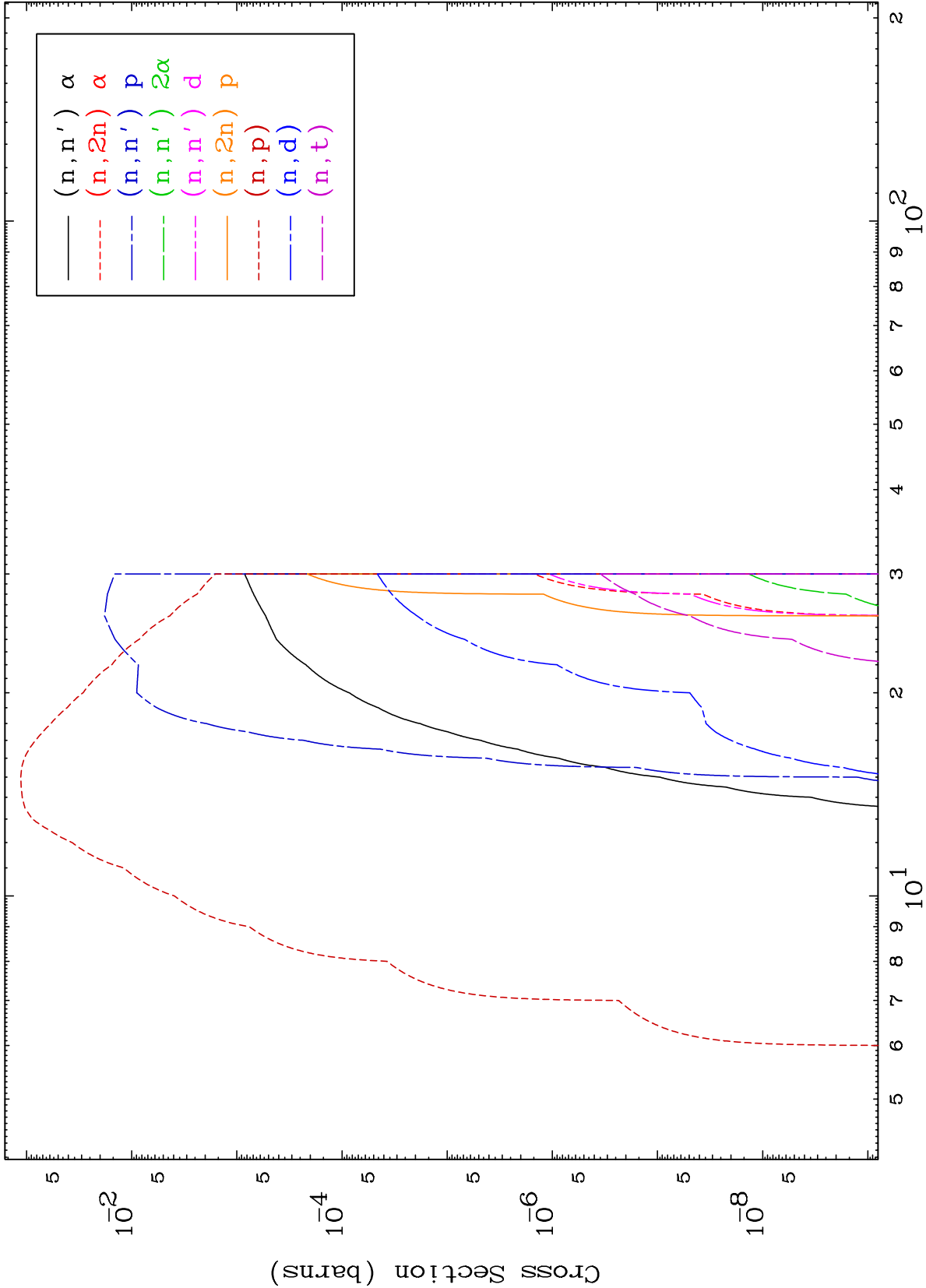
MAT 6211

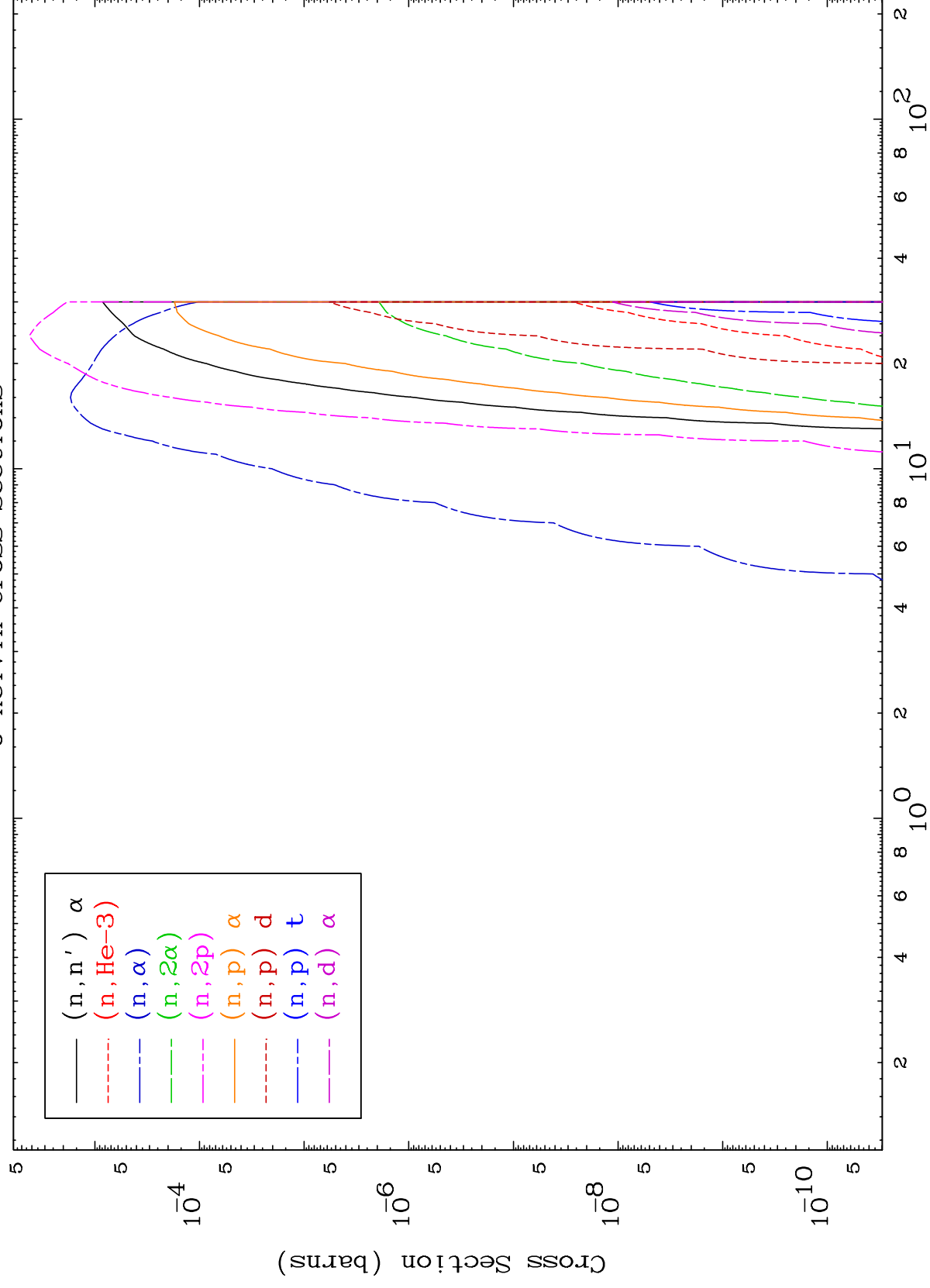
Photon Neutron Absorption
0 Kelvin Cross Sections

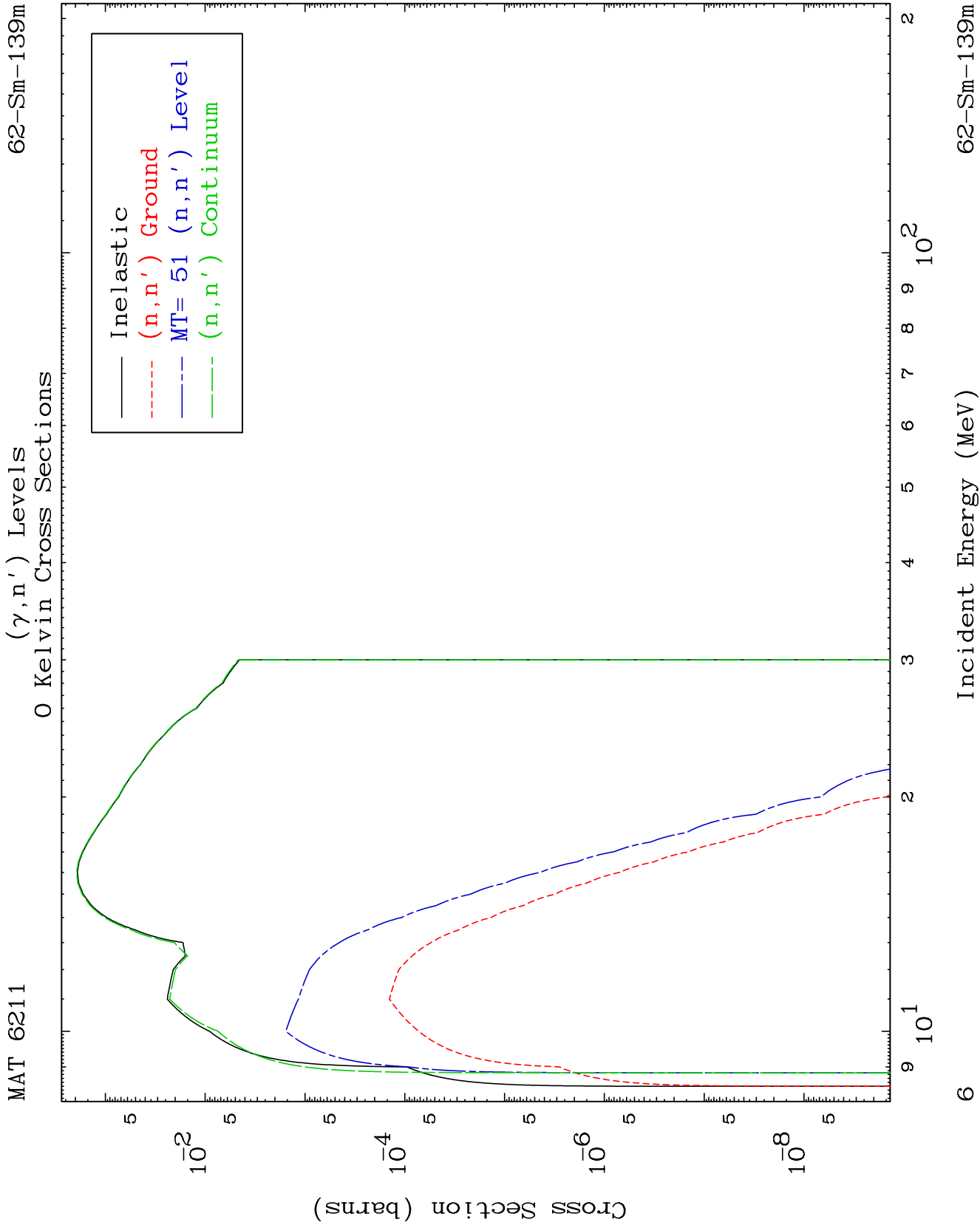
62-Sm-139m







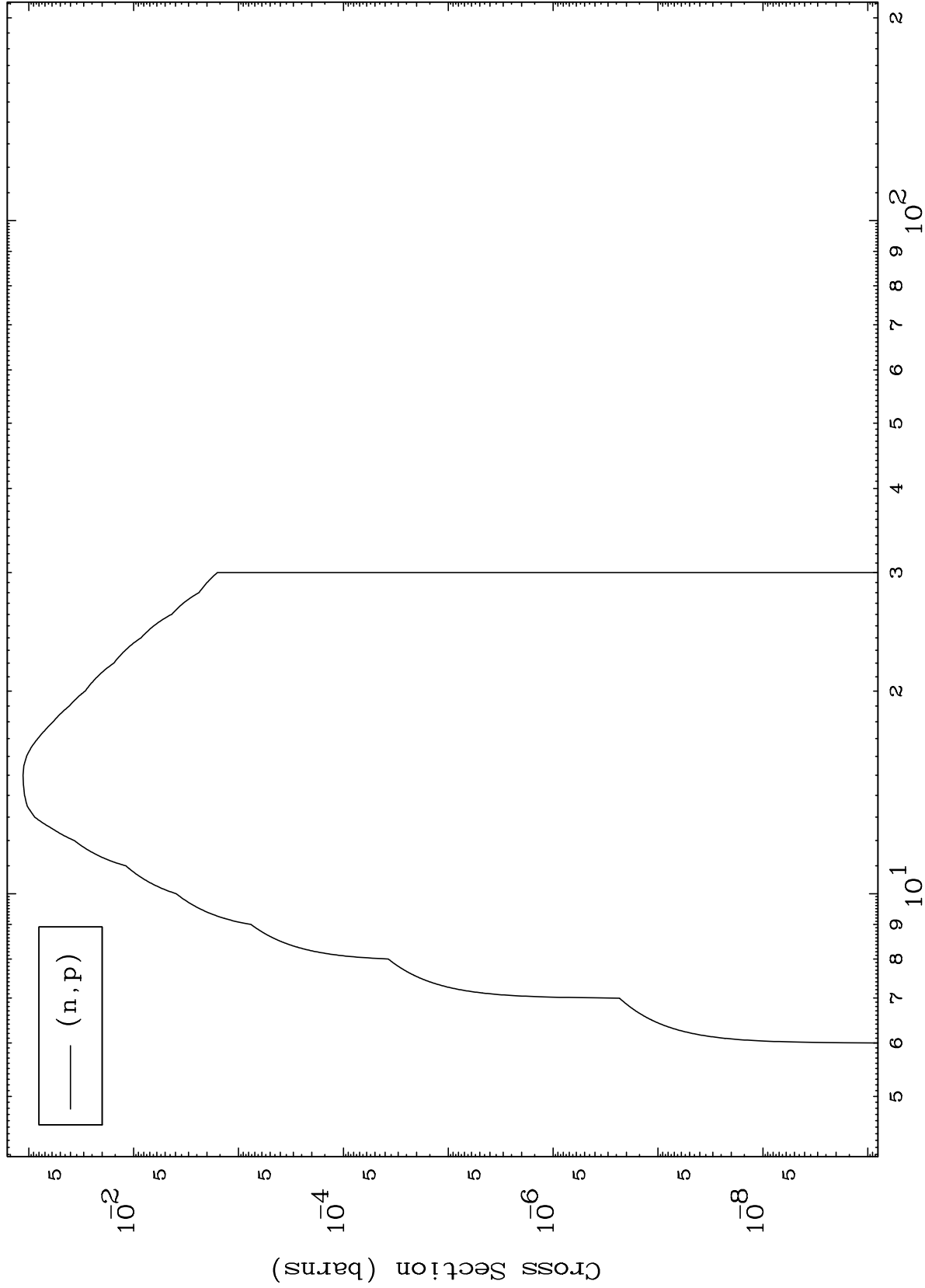




MAT 6211

62-Sm-139m

(γ, p) Levels
0 Kelvin Cross Sections



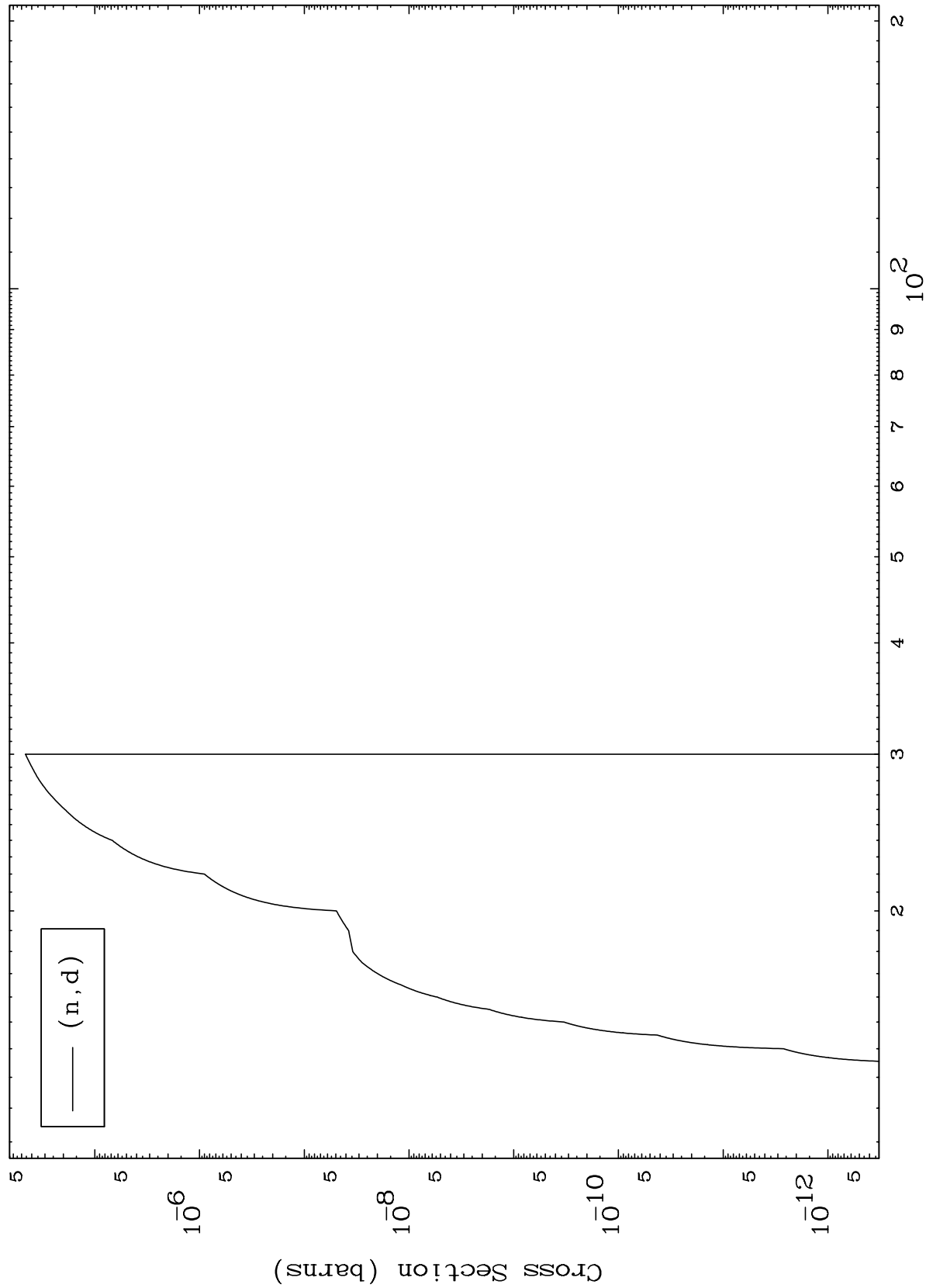
62-Sm-139m

Incident Energy (MeV)

MAT 6211

62-Sm-139m

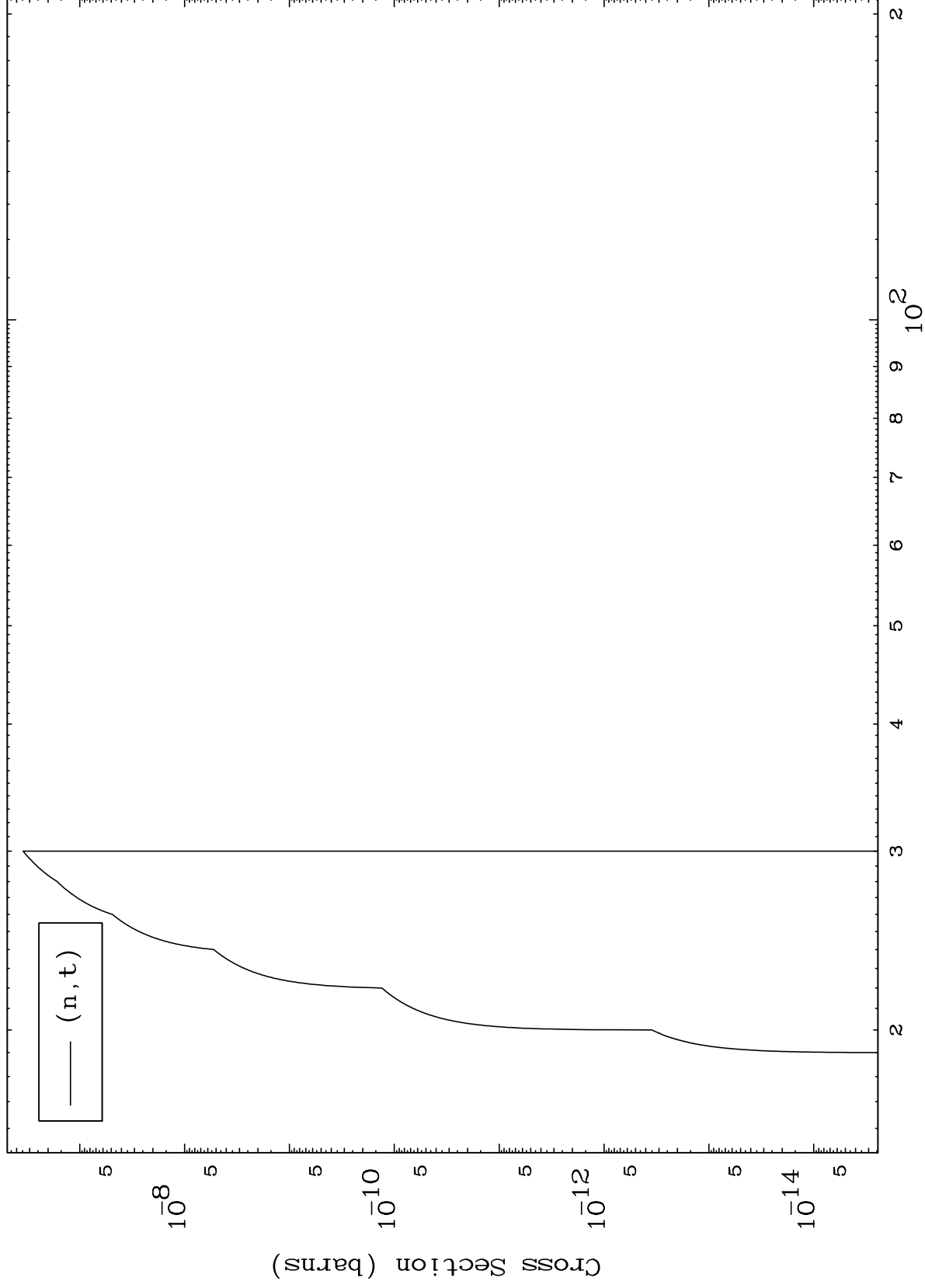
(γ, d) Levels
0 Kelvin Cross Sections



62-Sm-139m

Incident Energy (MeV)

(γ, t) Levels
0 Kelvin Cross Sections

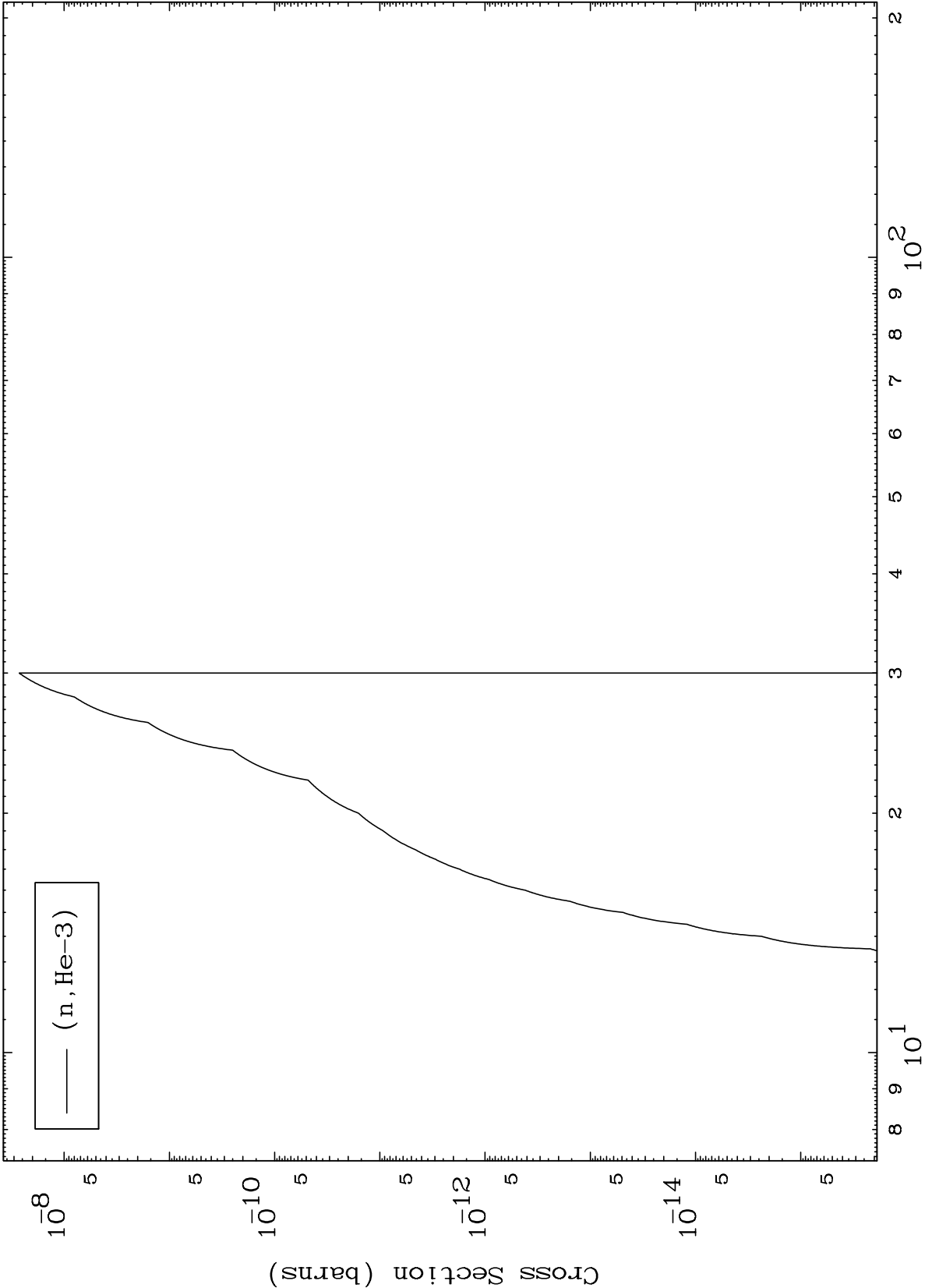


MAT 6211

(γ ,He3) Levels

62-Sm-139m

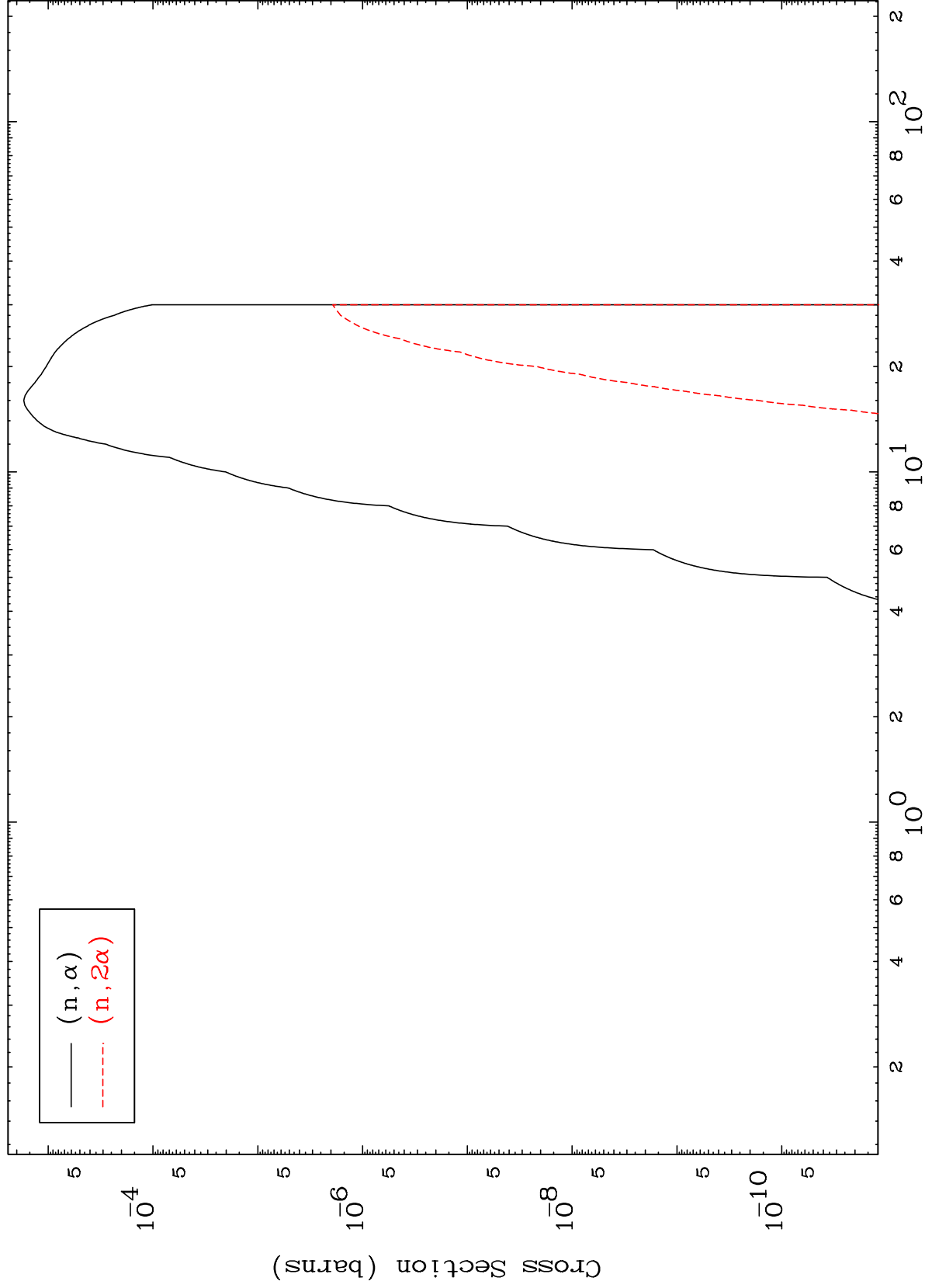
0 Kelvin Cross Sections

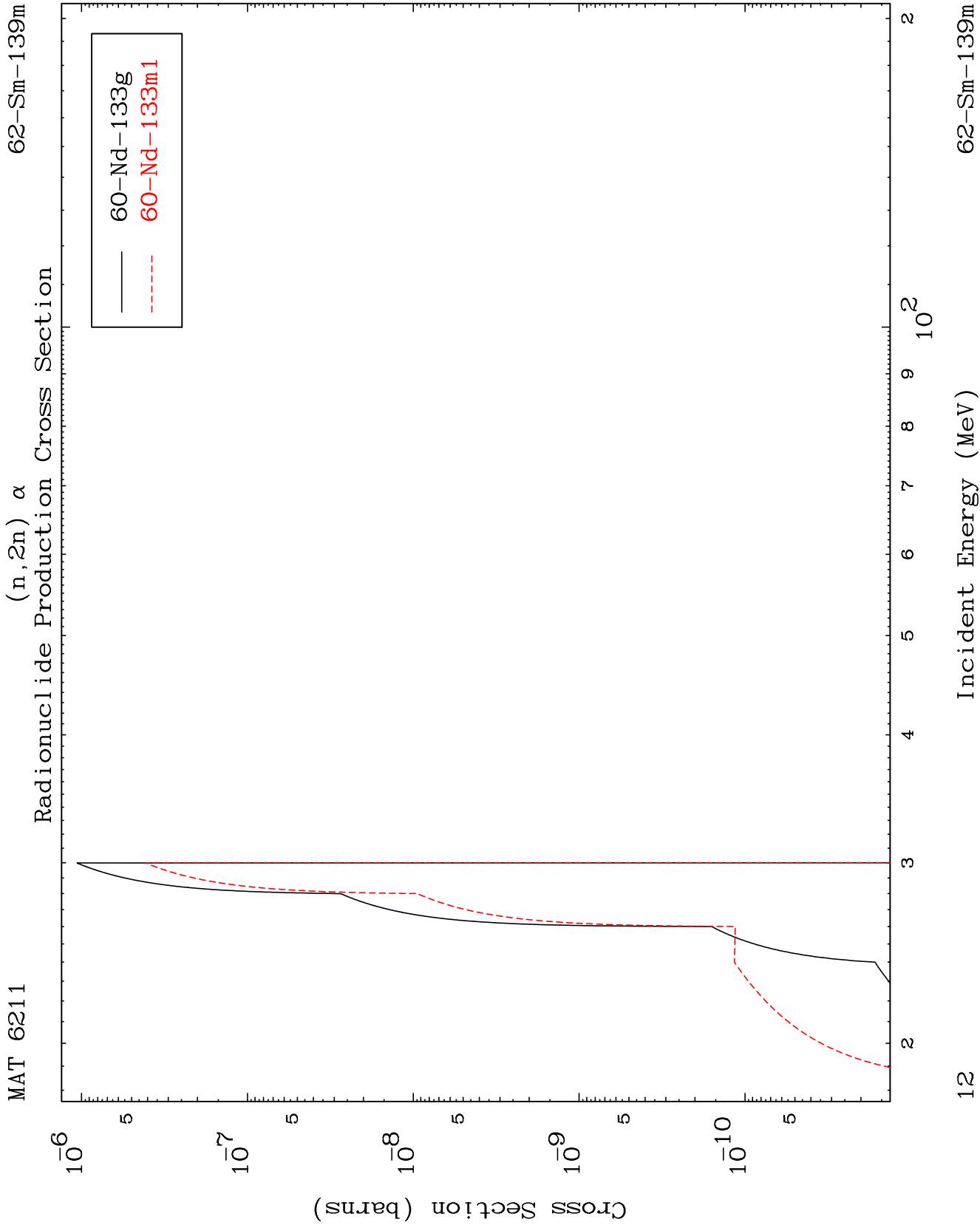


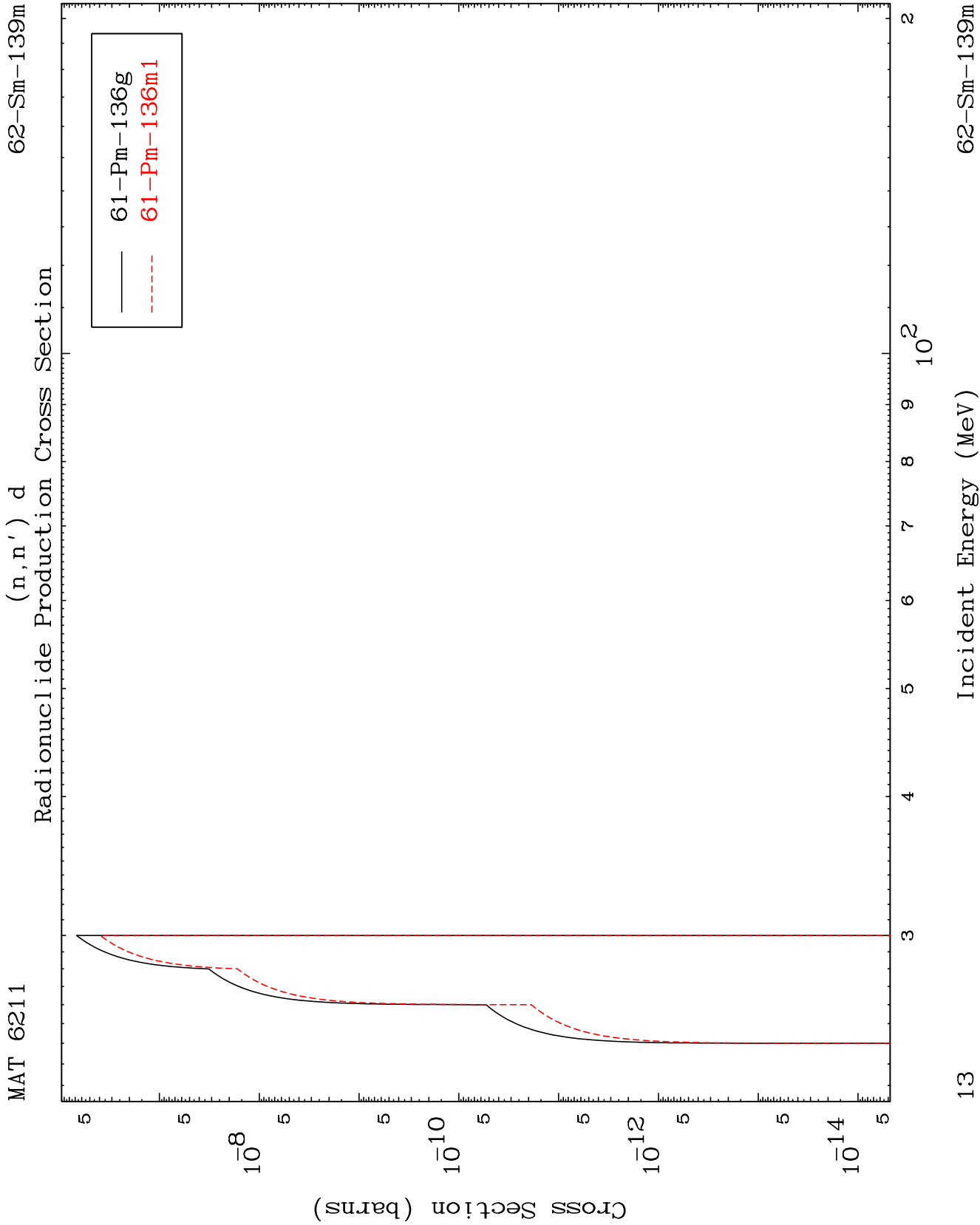
Incident Energy (MeV)

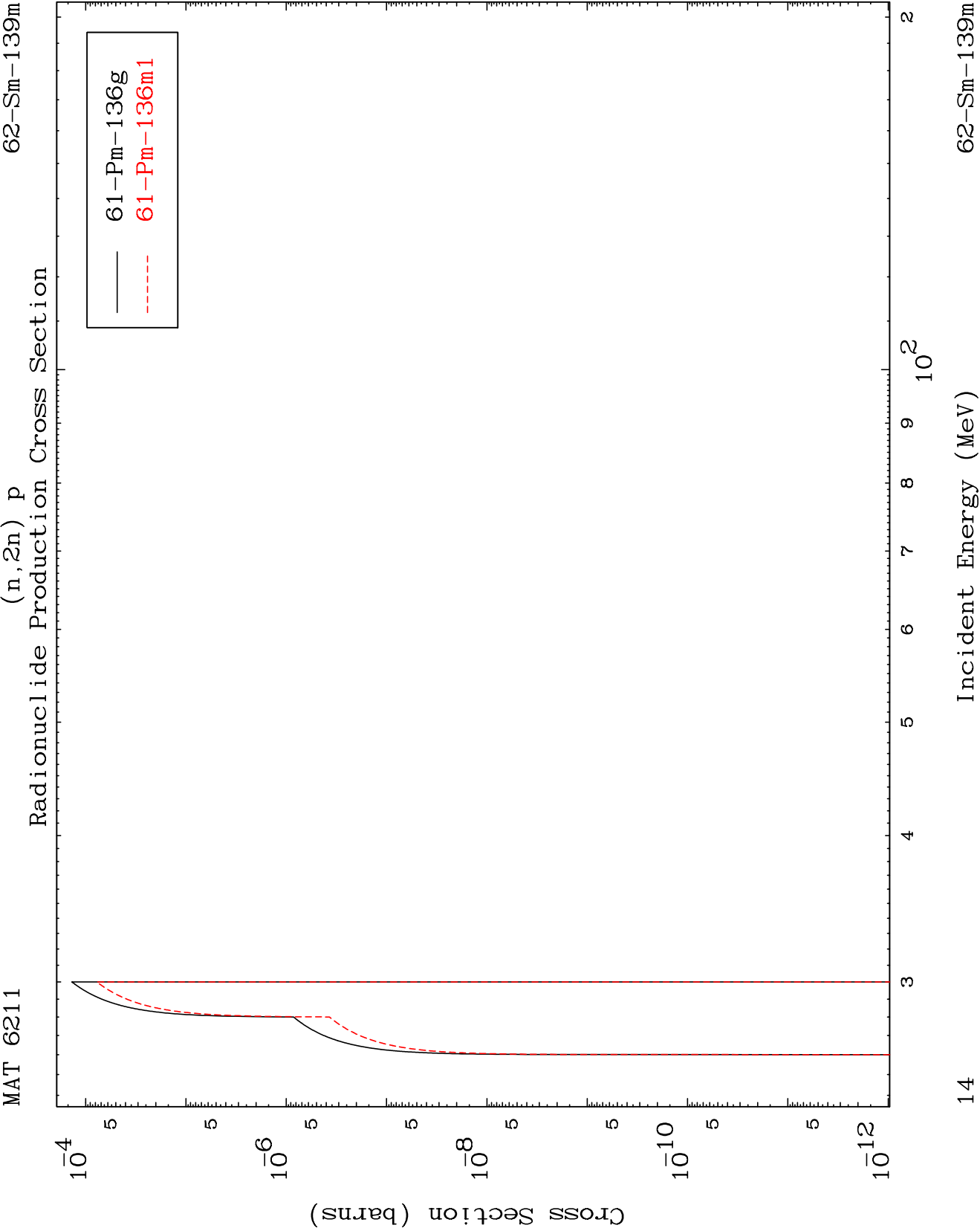
62-Sm-139m

(γ, α) Levels
0 Kelvin Cross Sections





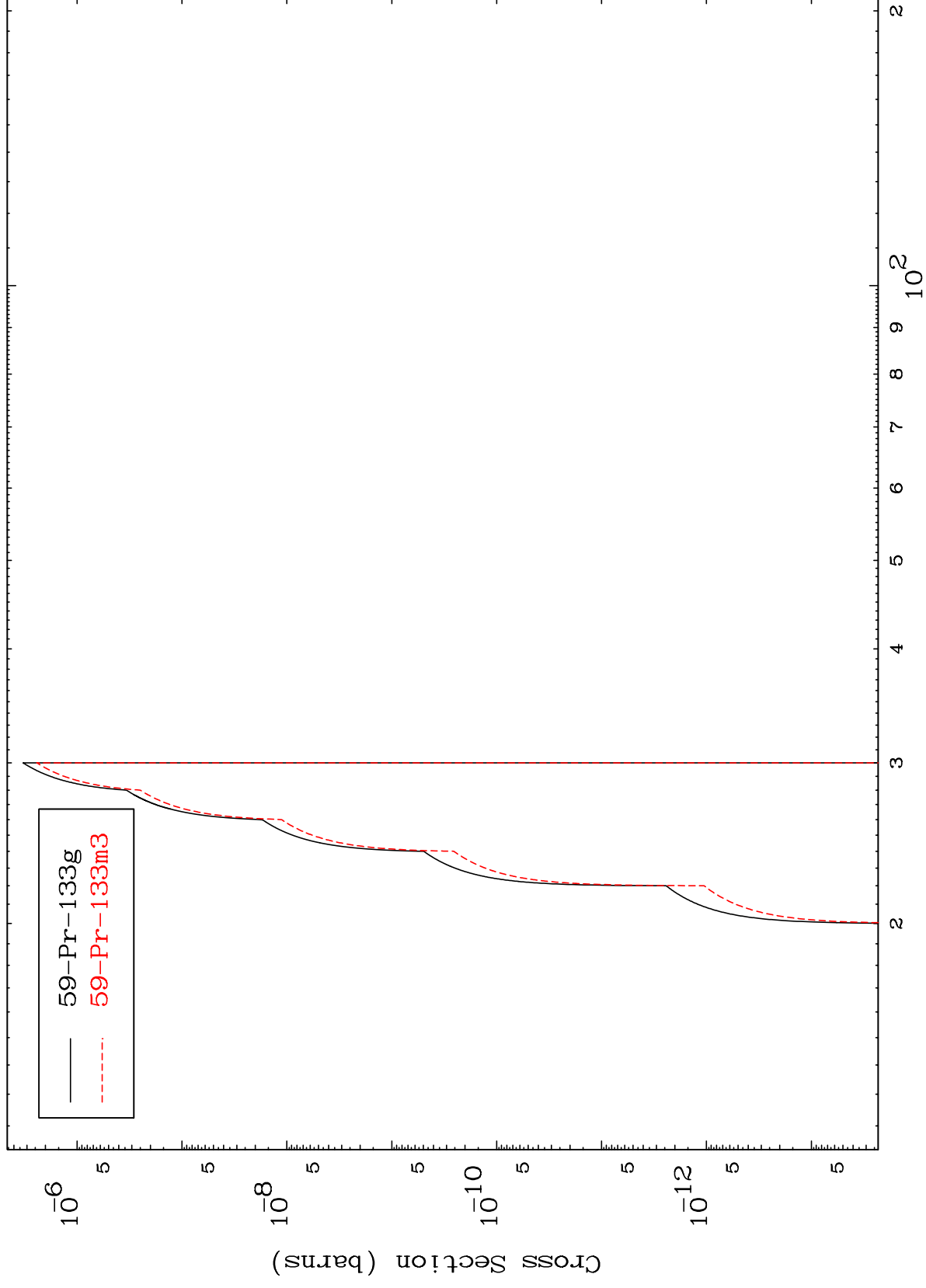




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62-Sm-139m

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



15

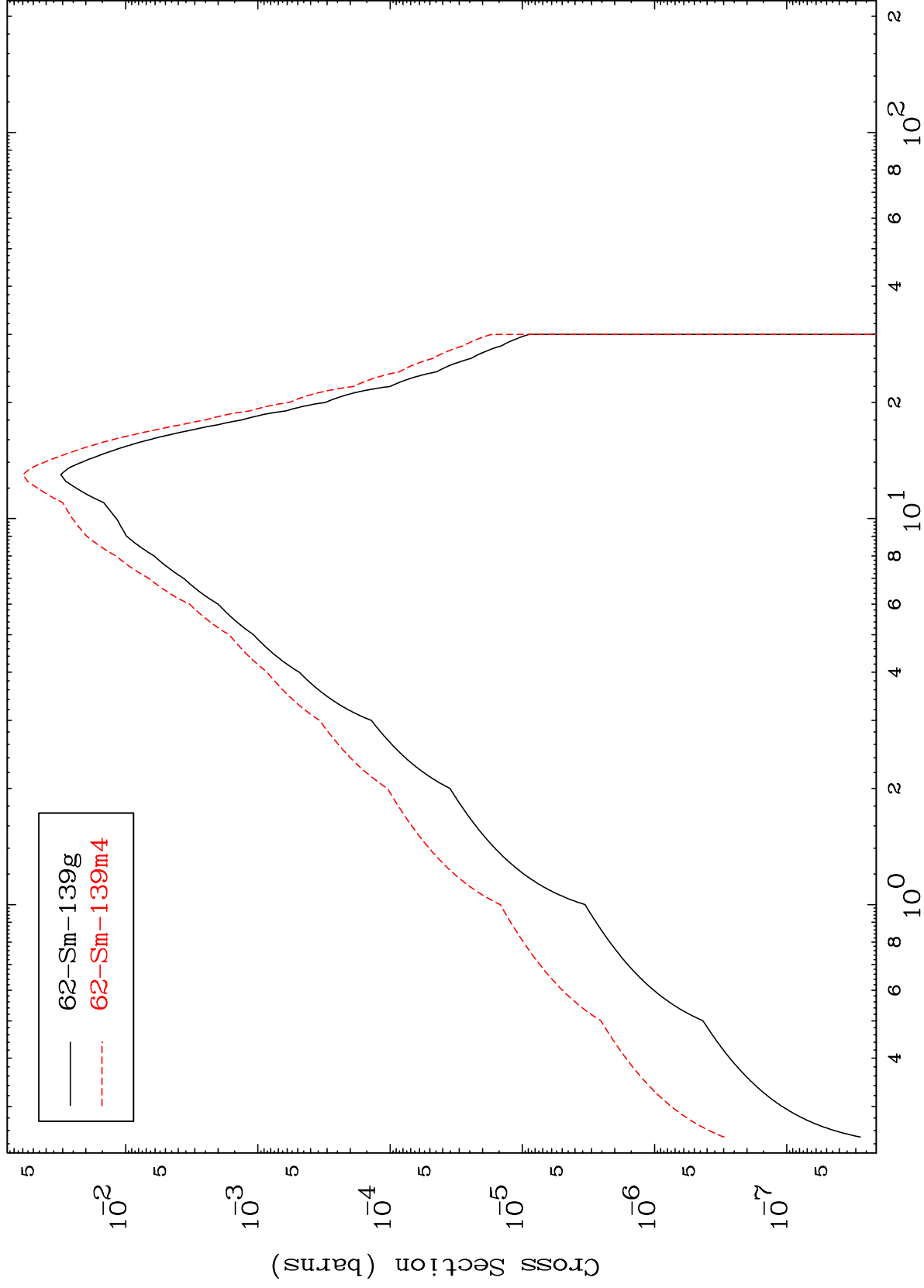
Incident Energy (MeV)

62-Sm-139m

MAT 6211

62-Sm-139m

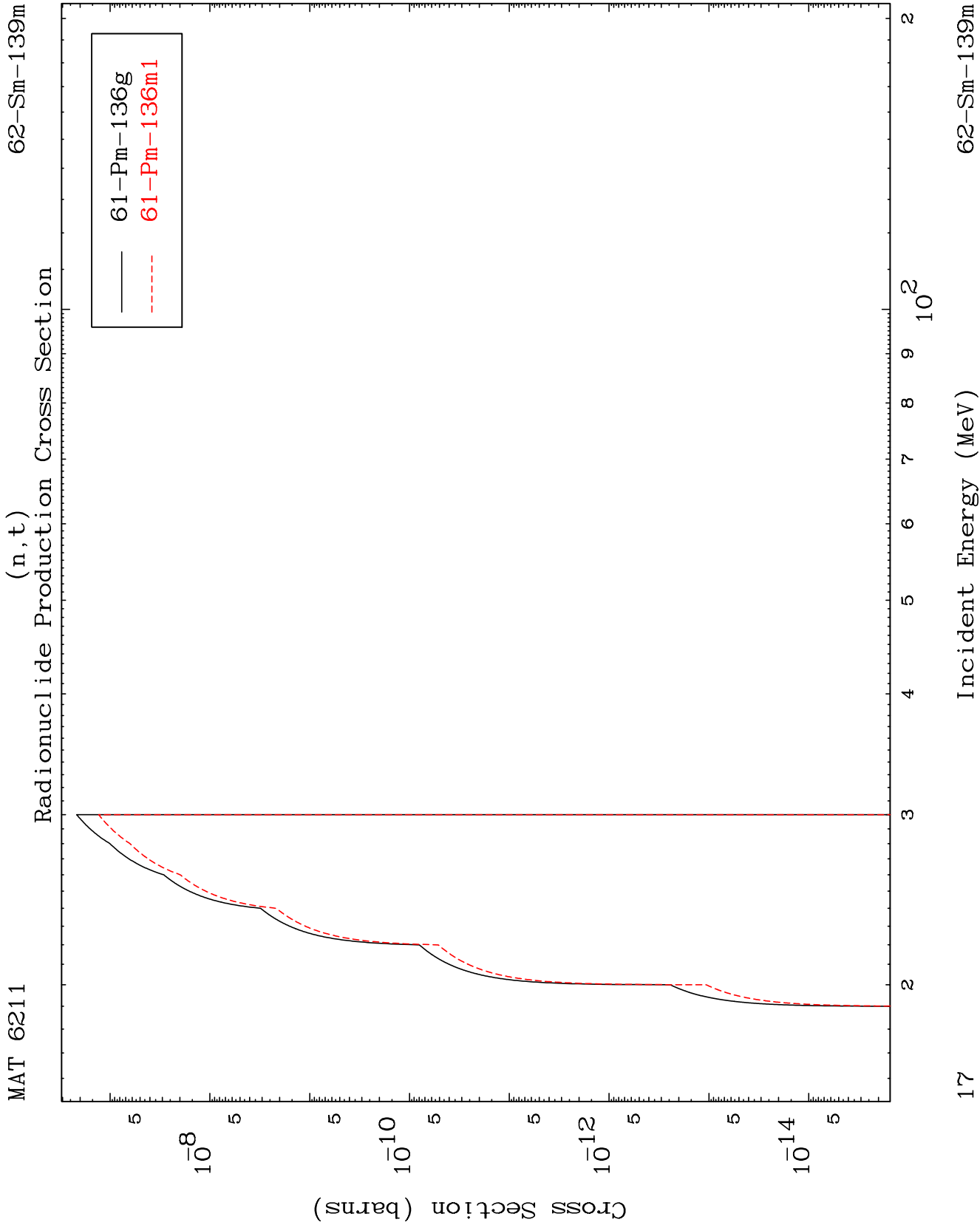
Radionuclide Production Cross Section



16

Incident Energy (MeV)

62-Sm-139m

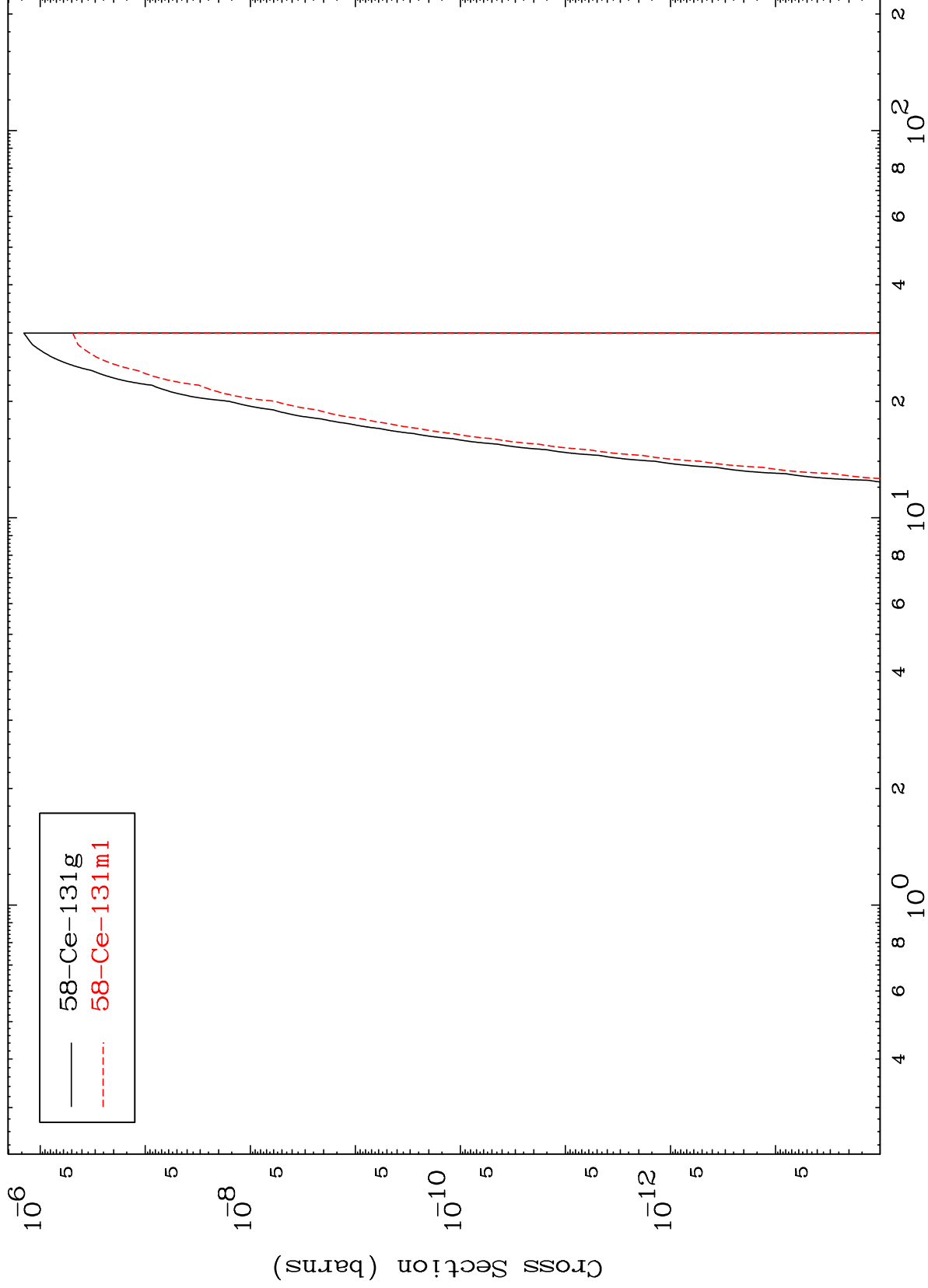


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(n,2 α)

62-Sm-139m

Radionuclide Production Cross Section



18

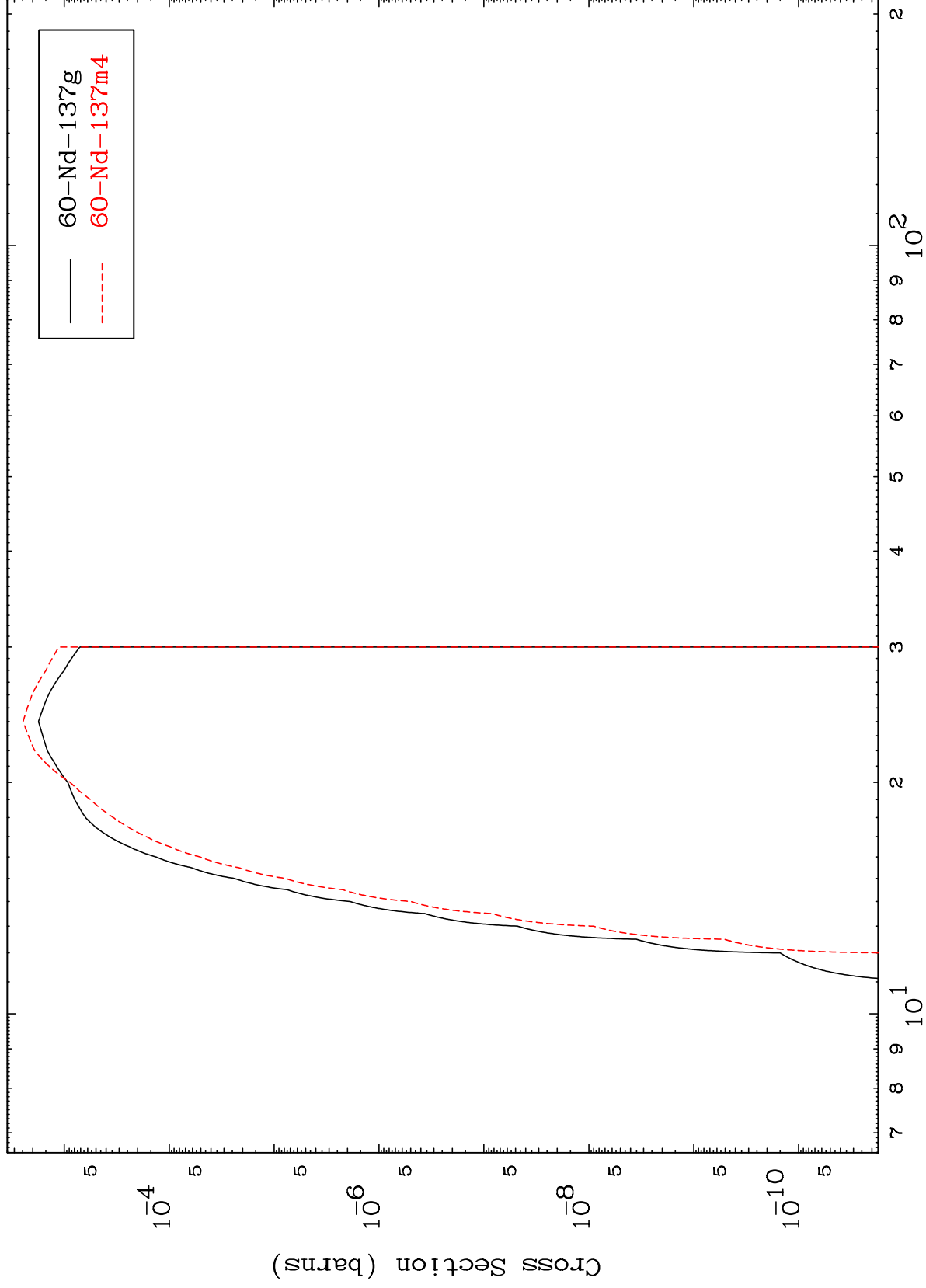
Incident Energy (MeV)

62-Sm-139m

MAT 6211

62-Sm-139m

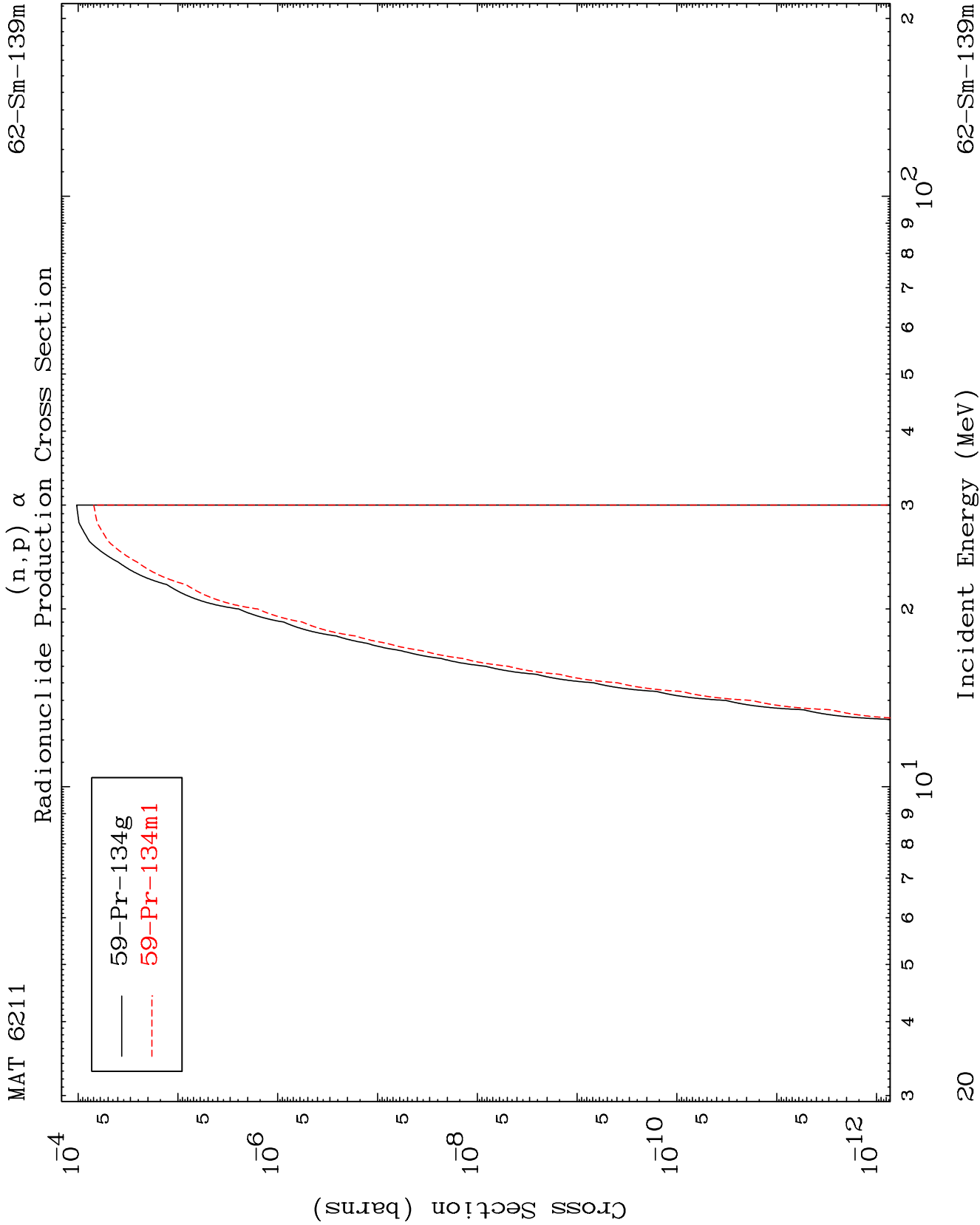
(n,2p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

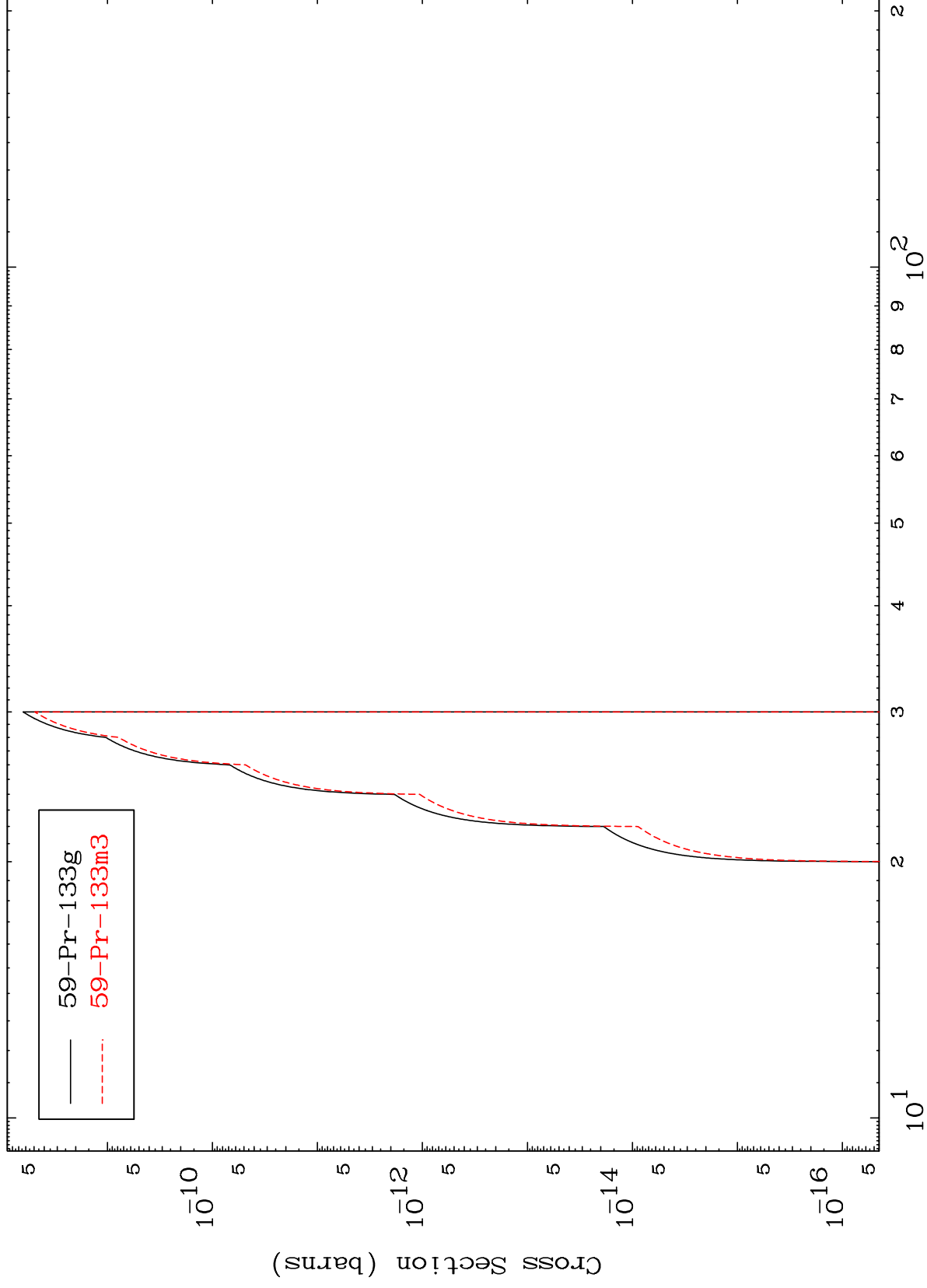
62-Sm-139m



MAT 6211

62-Sm-139m

(n,d) α
Radionuclide Production Cross Section



62-Sm-139m

Incident Energy (MeV)

21