

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

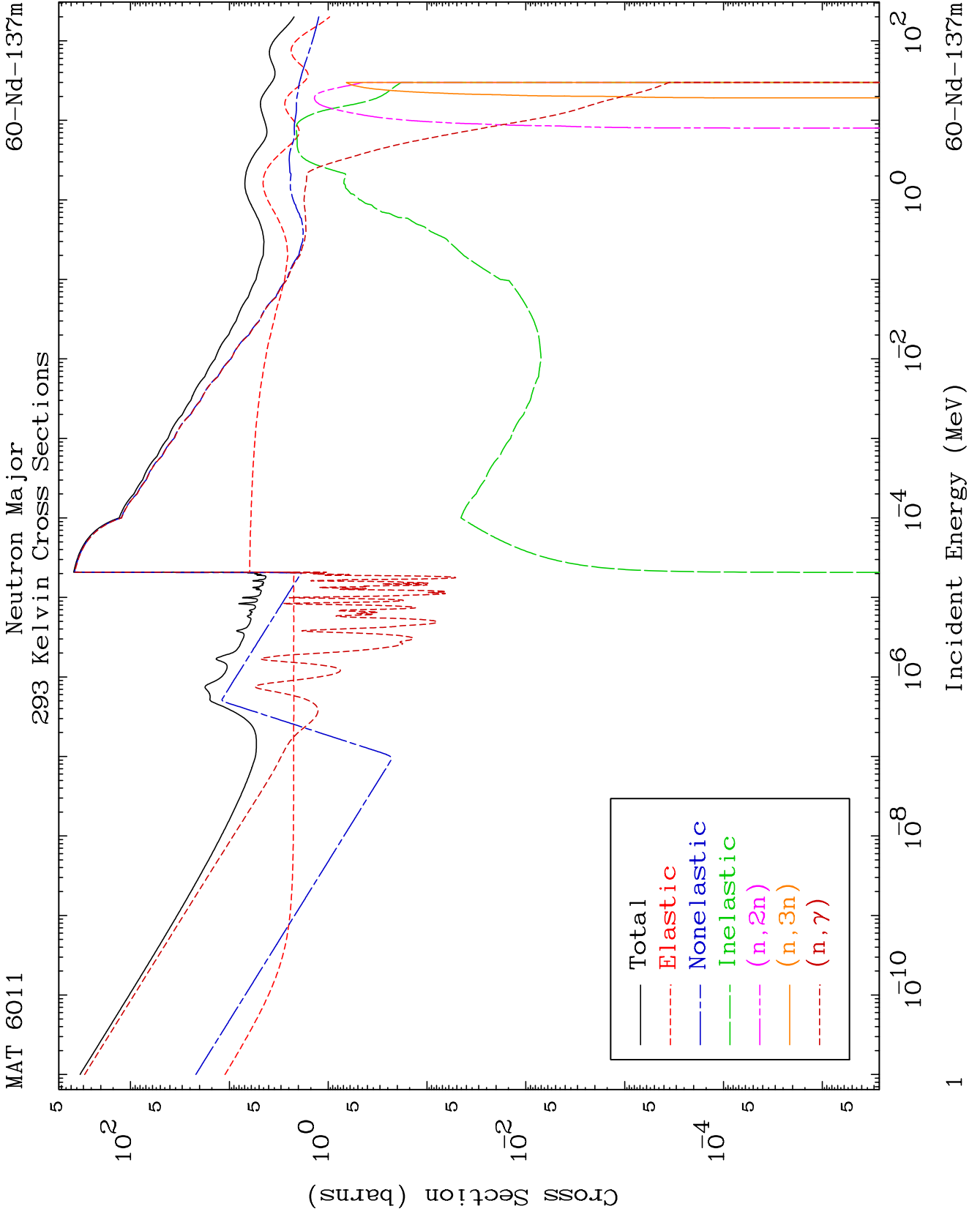
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Web:redcullen1.net/HOMEPAGE.NEW

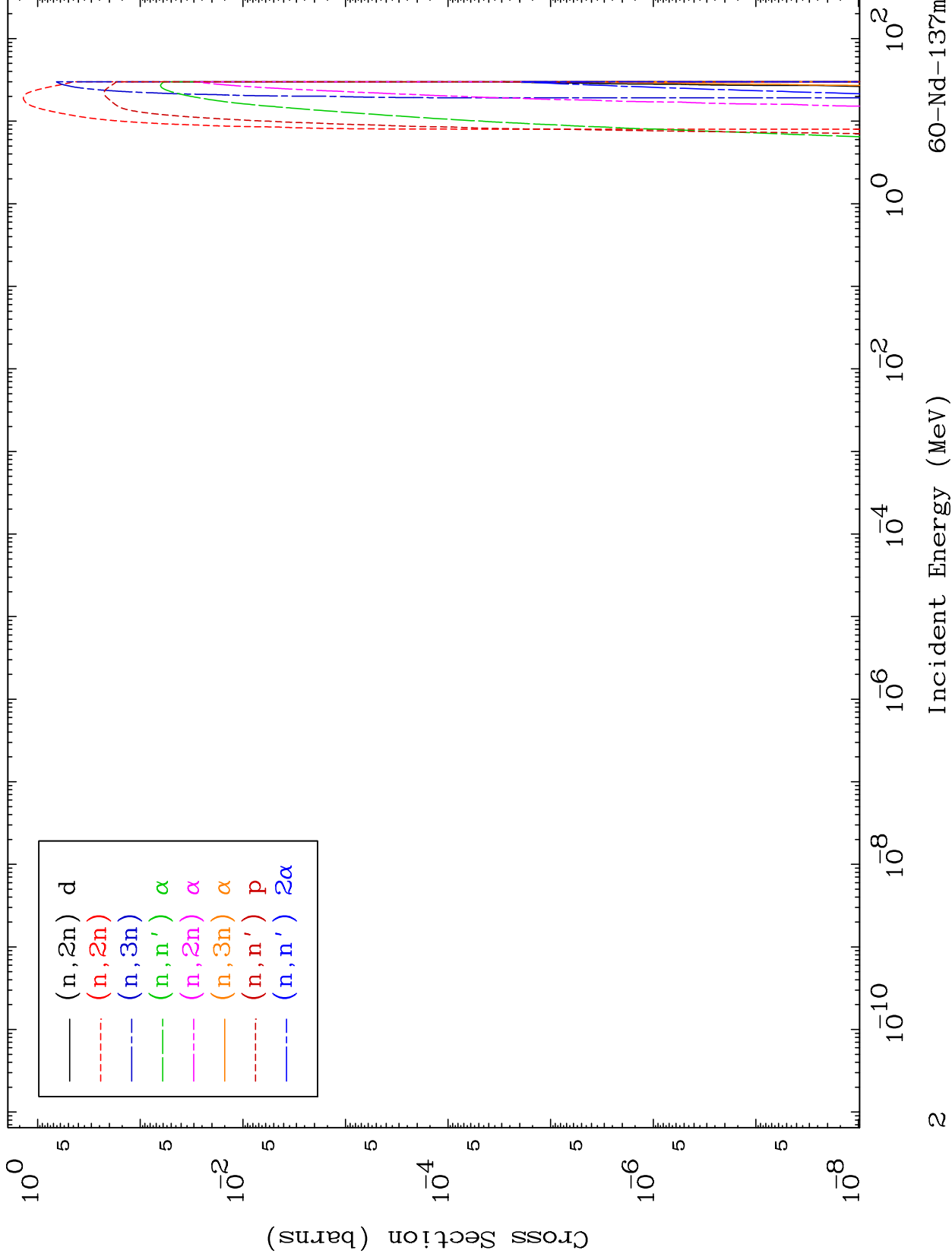
Press Mouse Button to Start

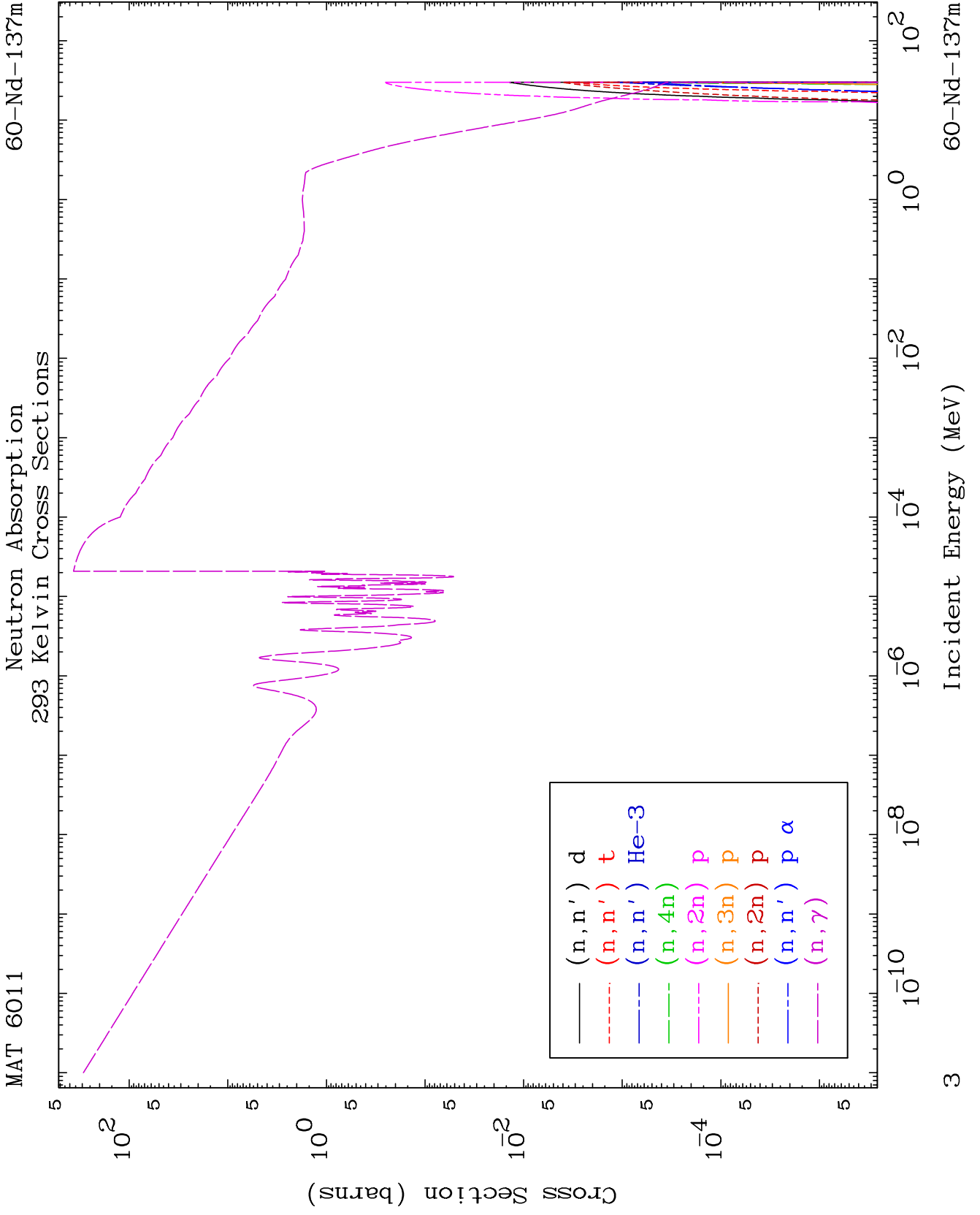


MAT 6011

Neutron Absorption
293 Kelvin Cross Sections

60-Nd-137m

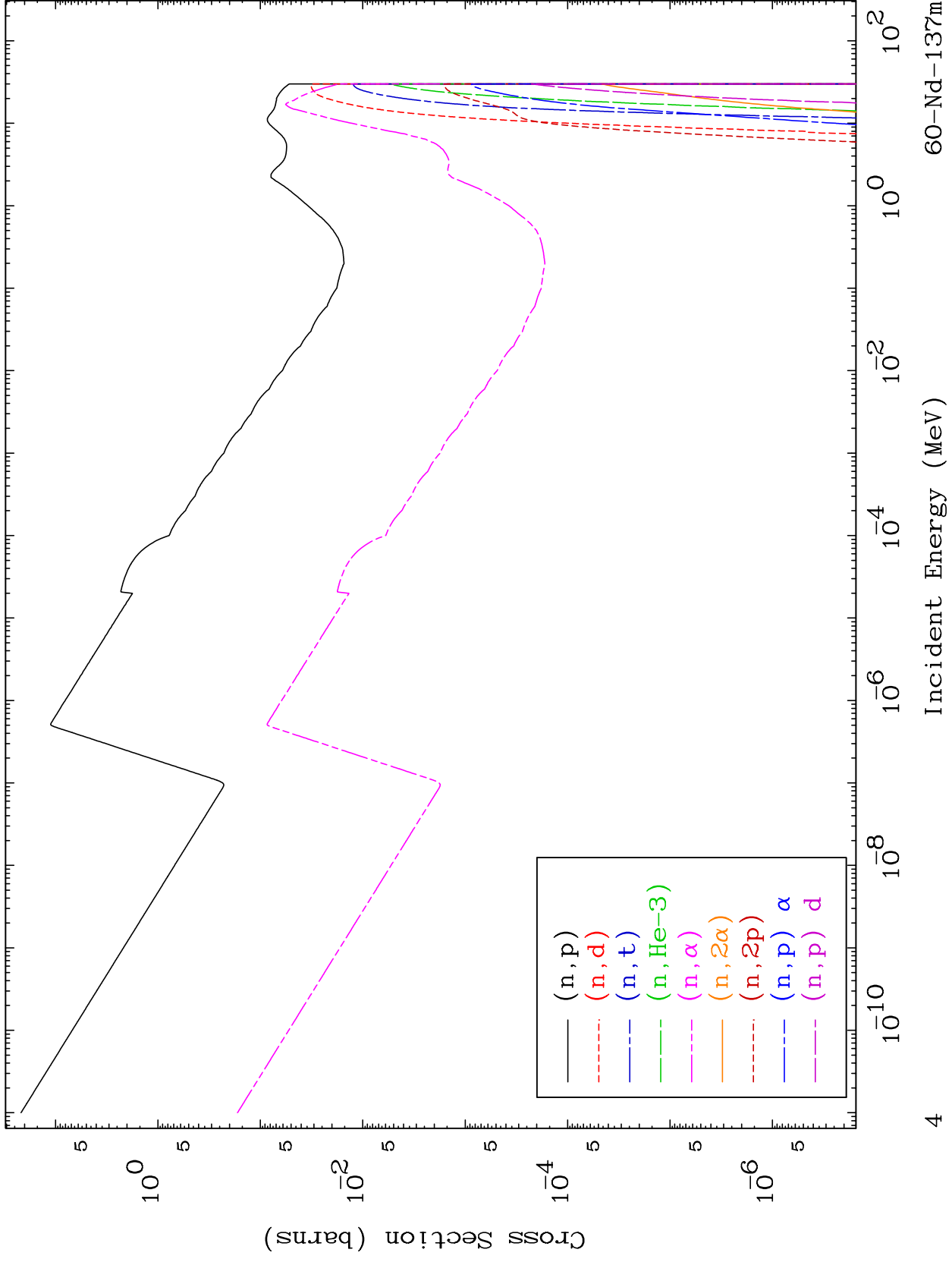




MAT 6011

Neutron Absorption
293 Kelvin Cross Sections

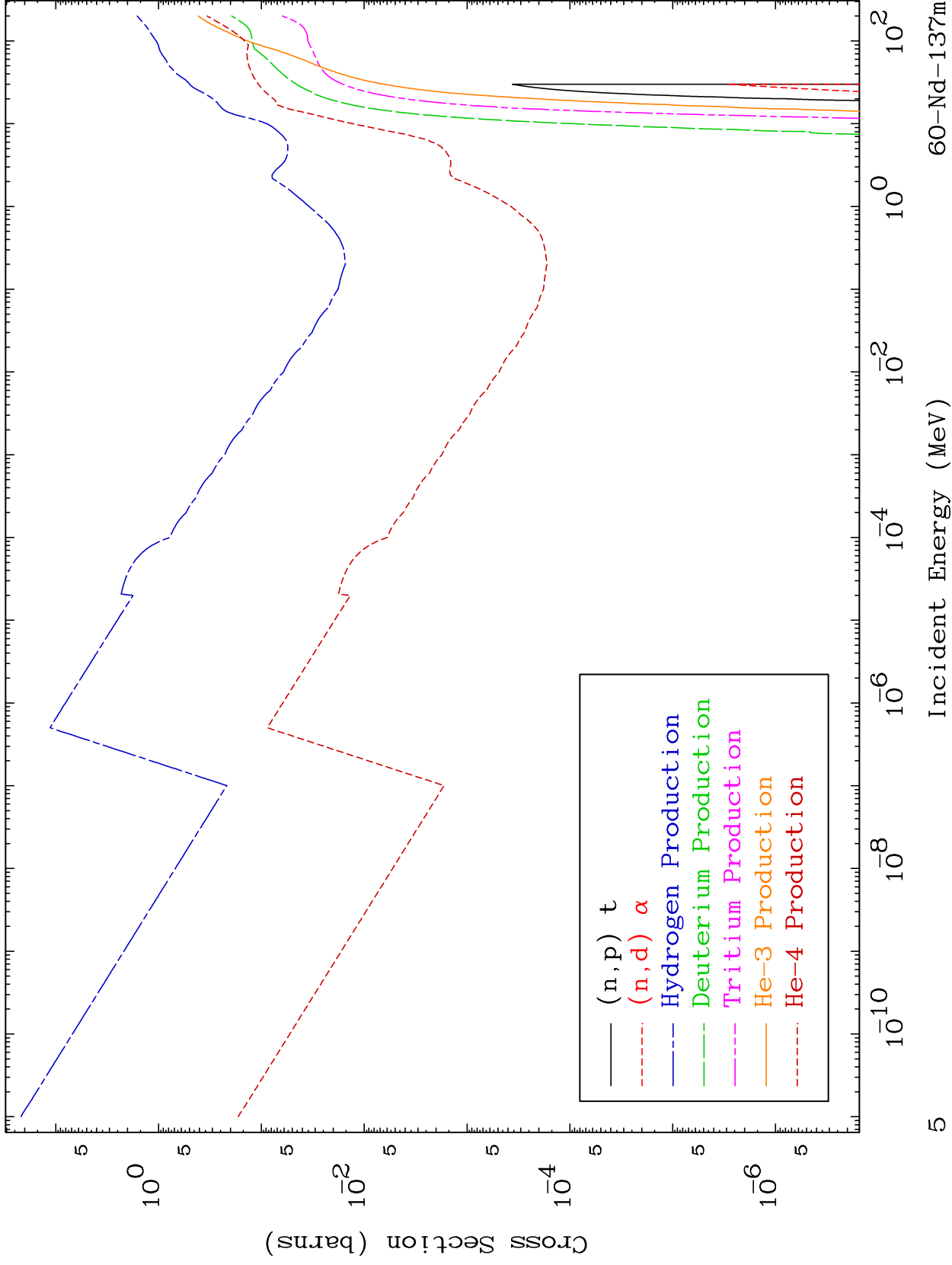
60-Nd-137m



MAT 6011

Neutron Absorption
293 Kelvin Cross Sections

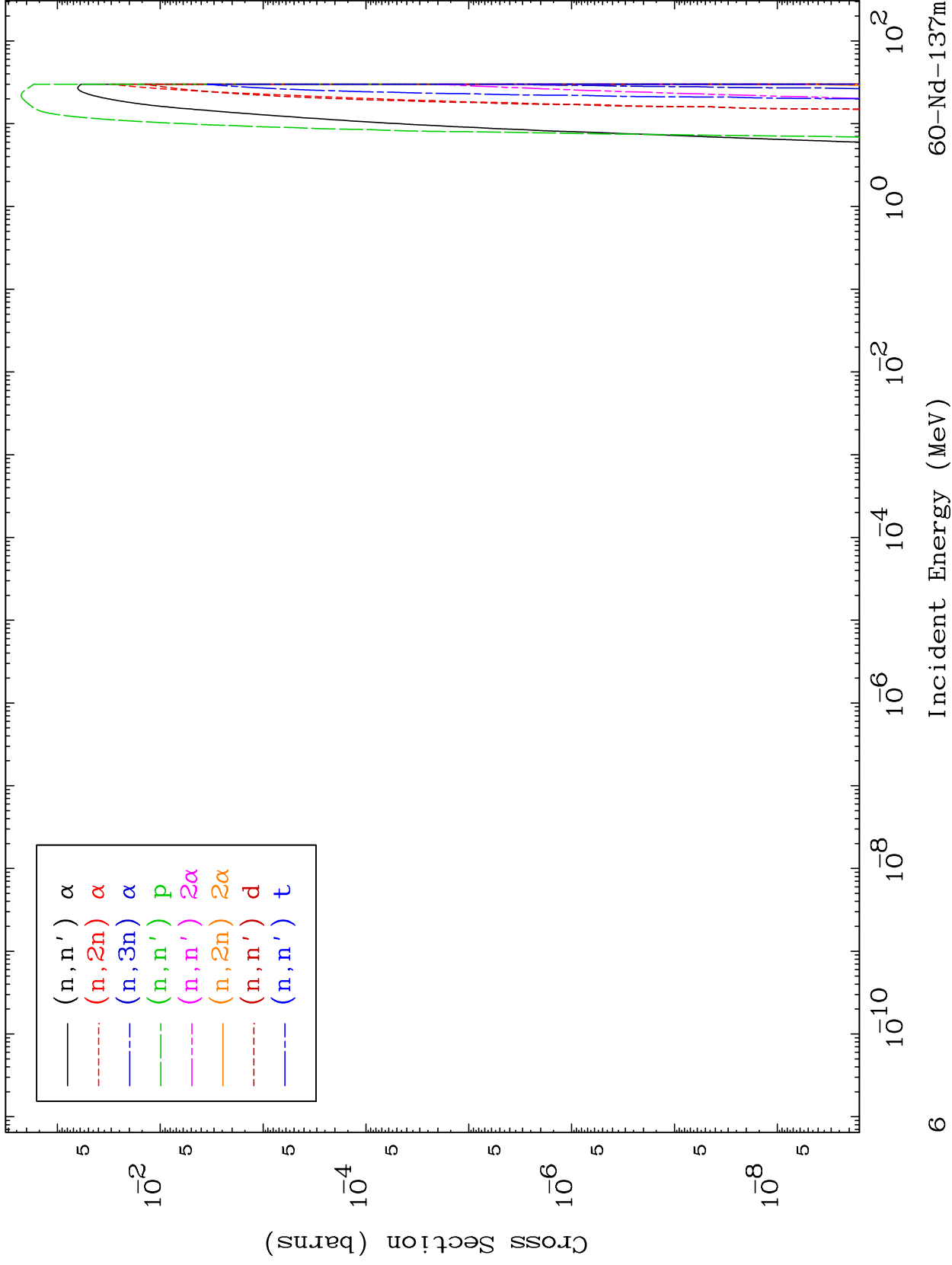
60-Nd-137m

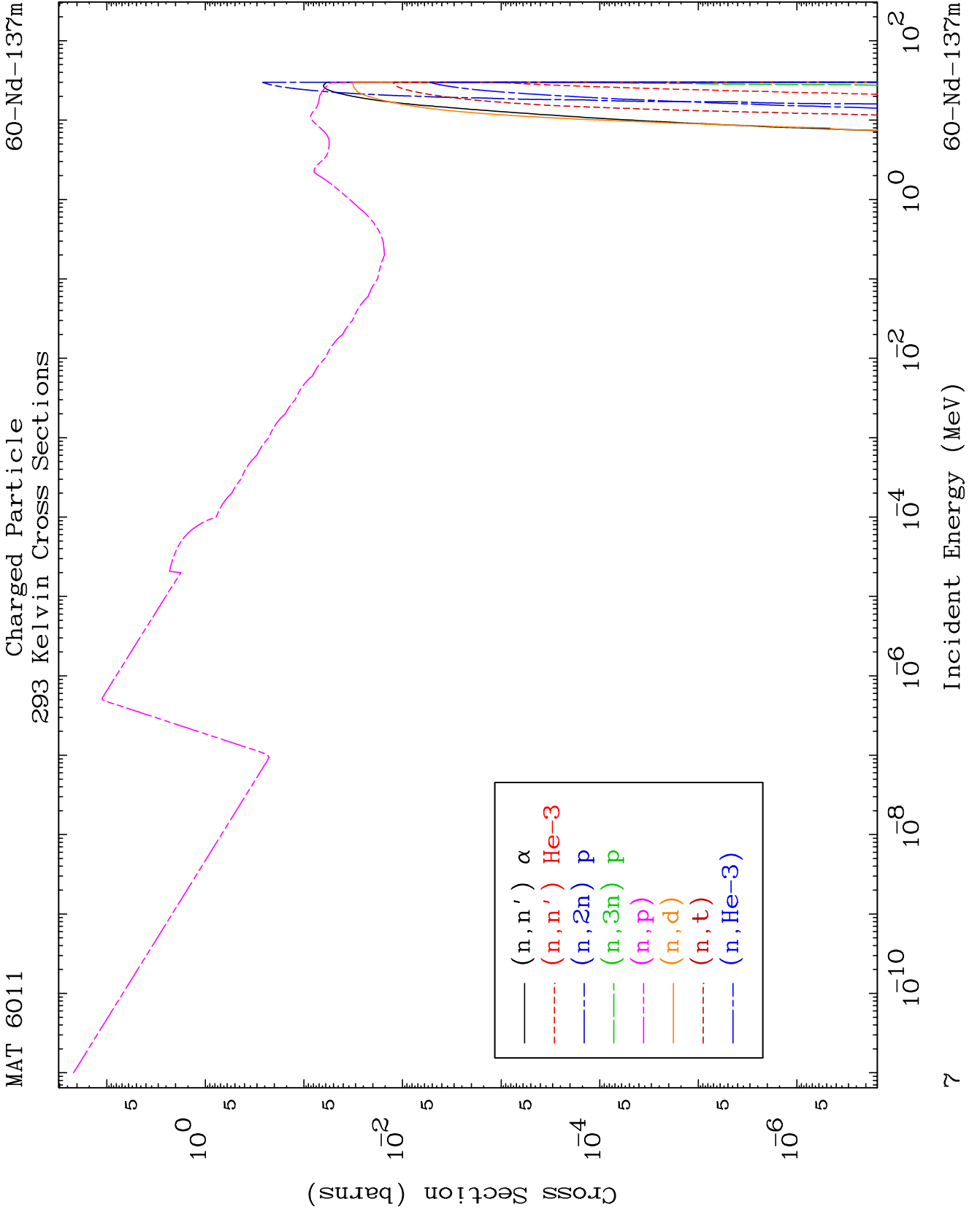


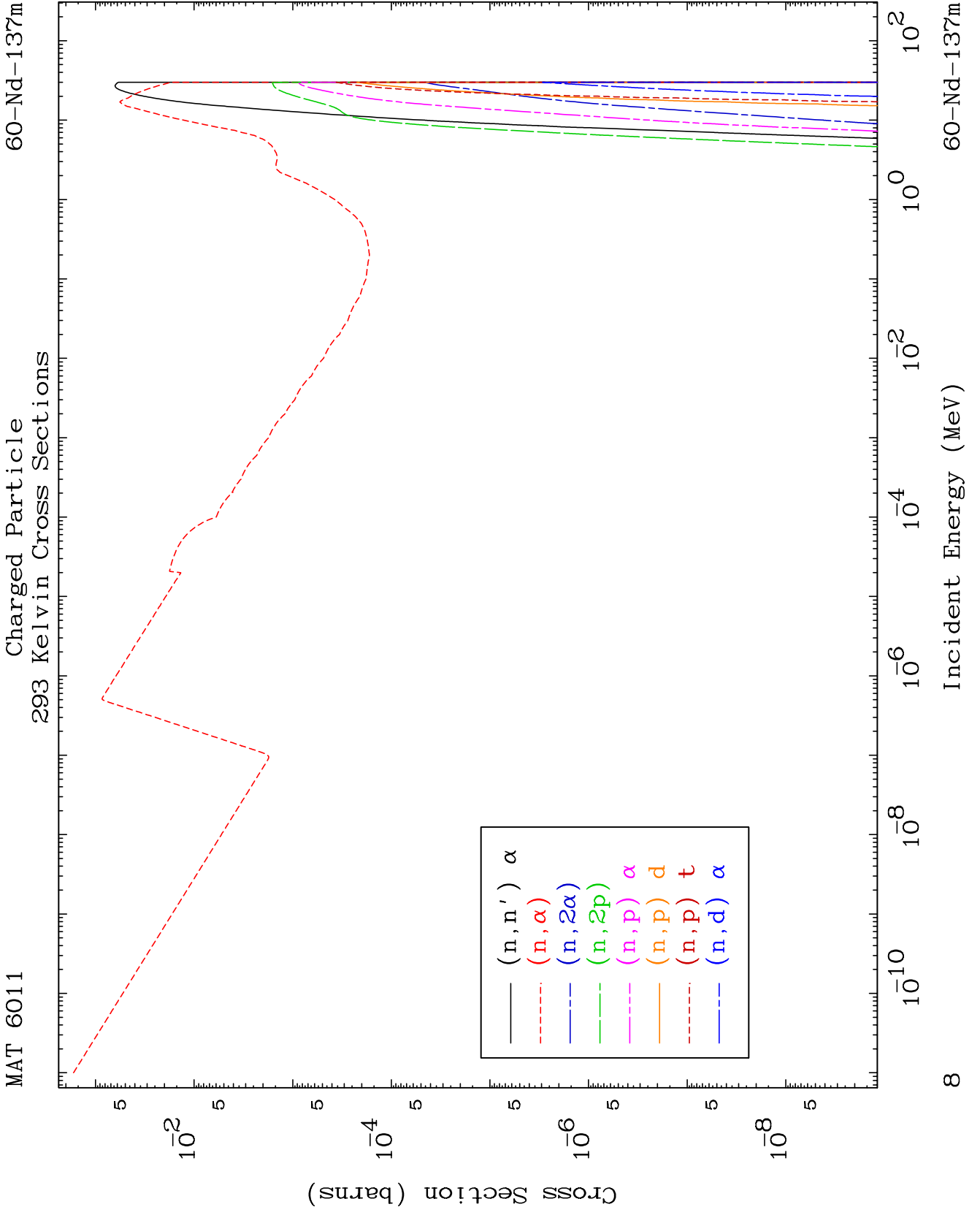
MAT 6011

Charged Particle
293 Kelvin Cross Sections

60-Nd-137m



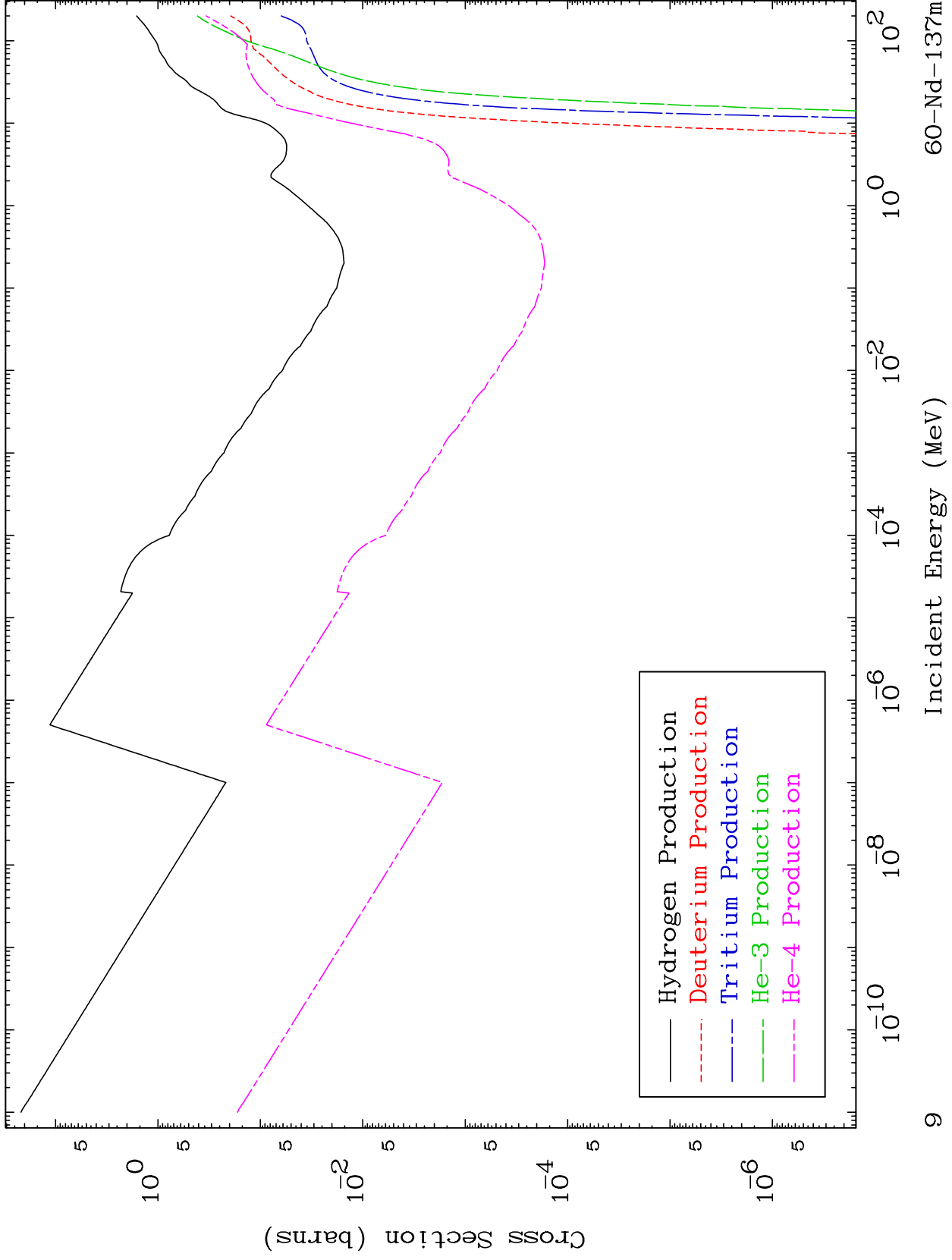




MAT 6011

Particle Production
293 Kelvin Cross Sections

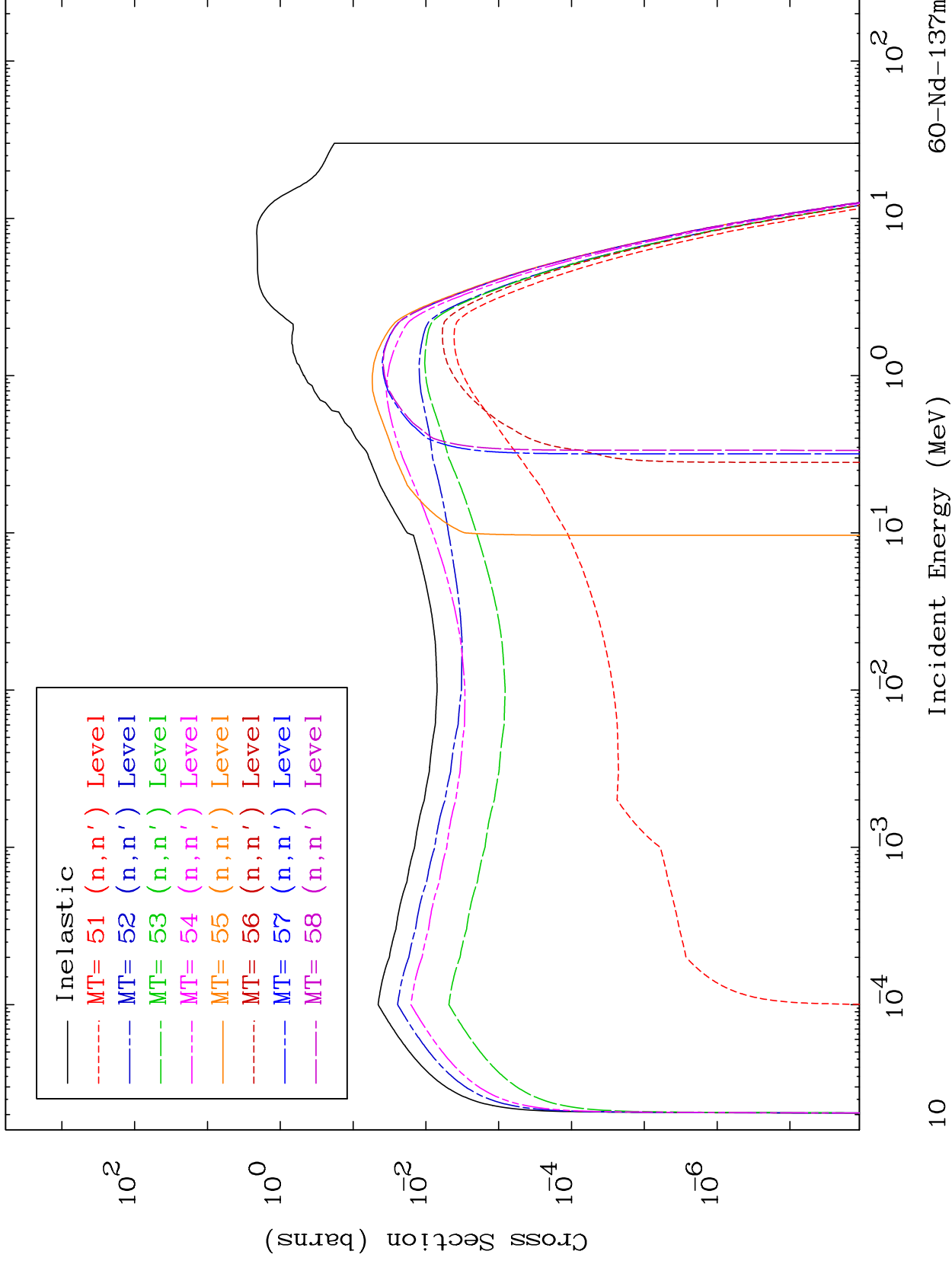
60-Nd-137m



MAT 6011

(n,n') Levels
293 Kelvin Cross Sections

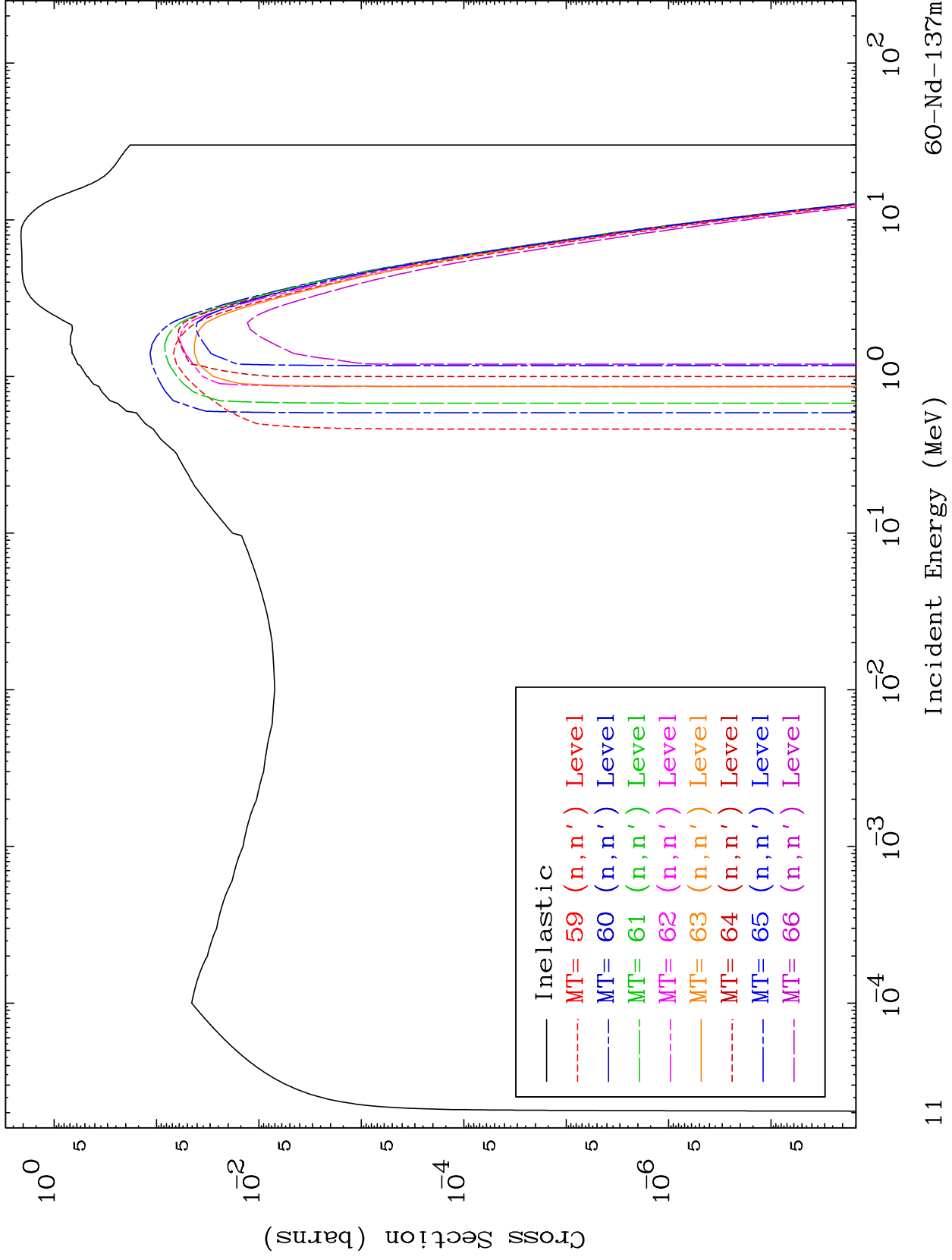
60-Nd-137m



MAT 6011

(n,n') Levels
293 Kelvin Cross Sections

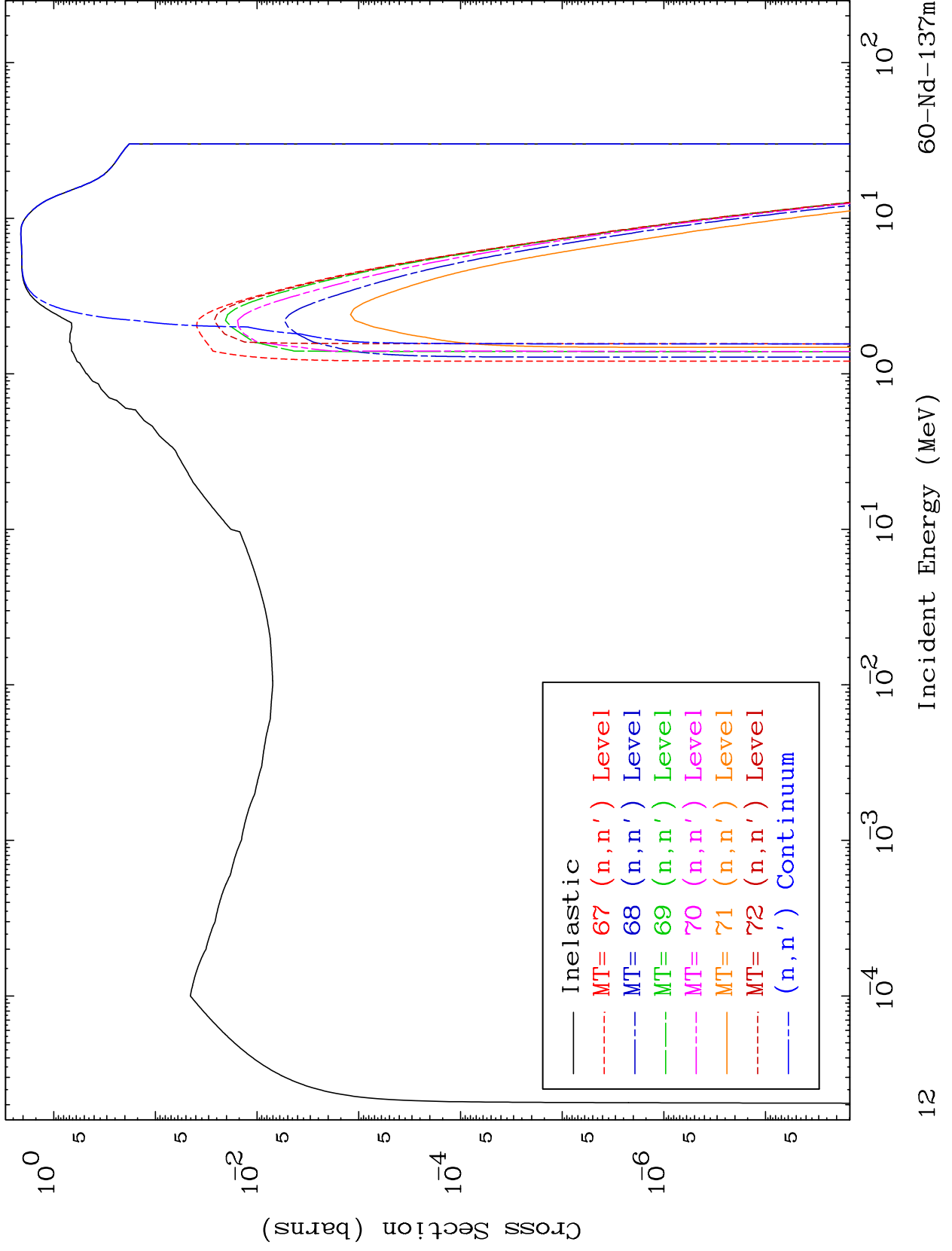
60-Nd-137m



MAT 6011

(n,n') Levels
293 Kelvin Cross Sections

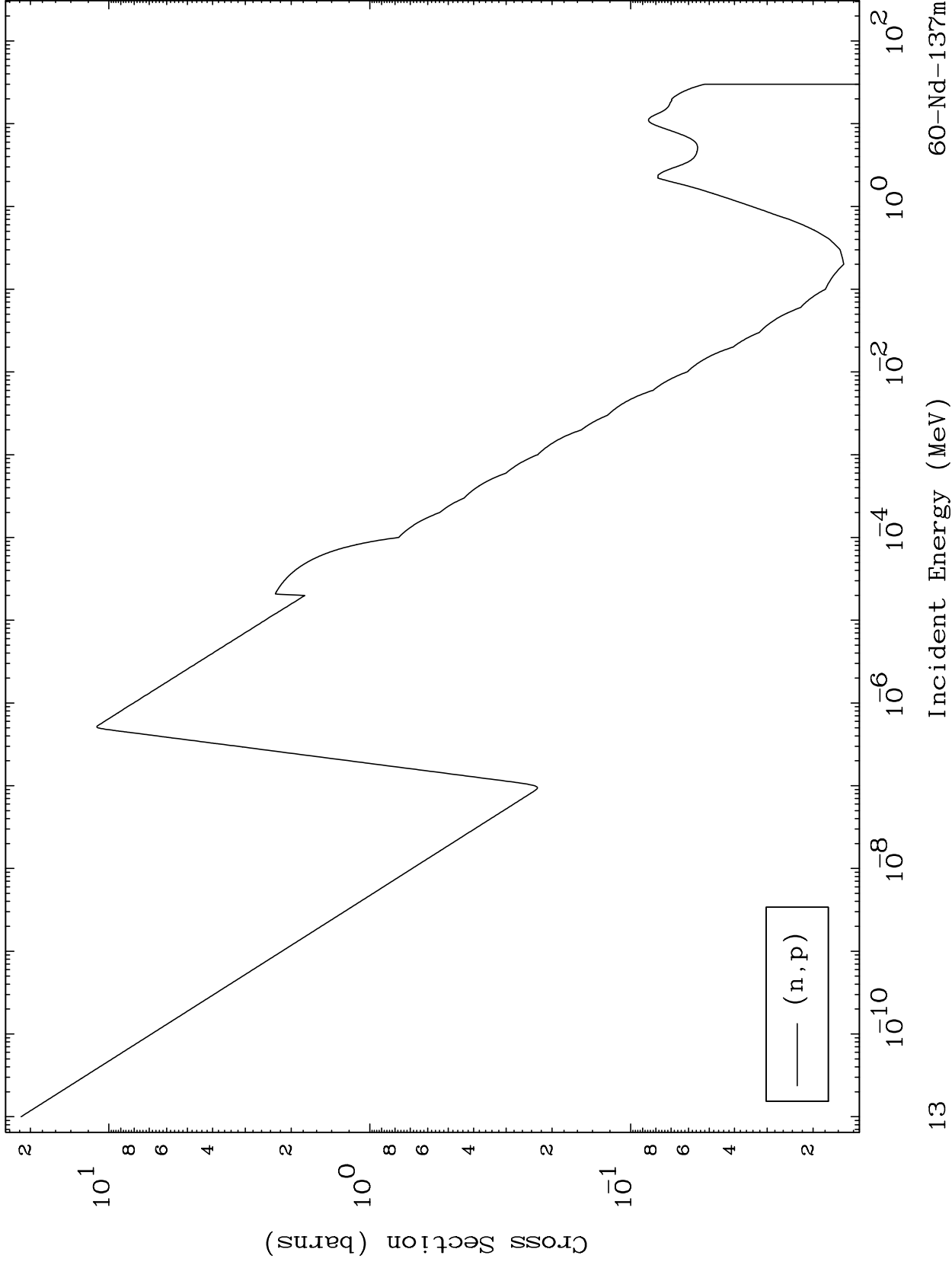
60-Nd-137m



MAT 6011

(n,p) Levels
293 Kelvin Cross Sections

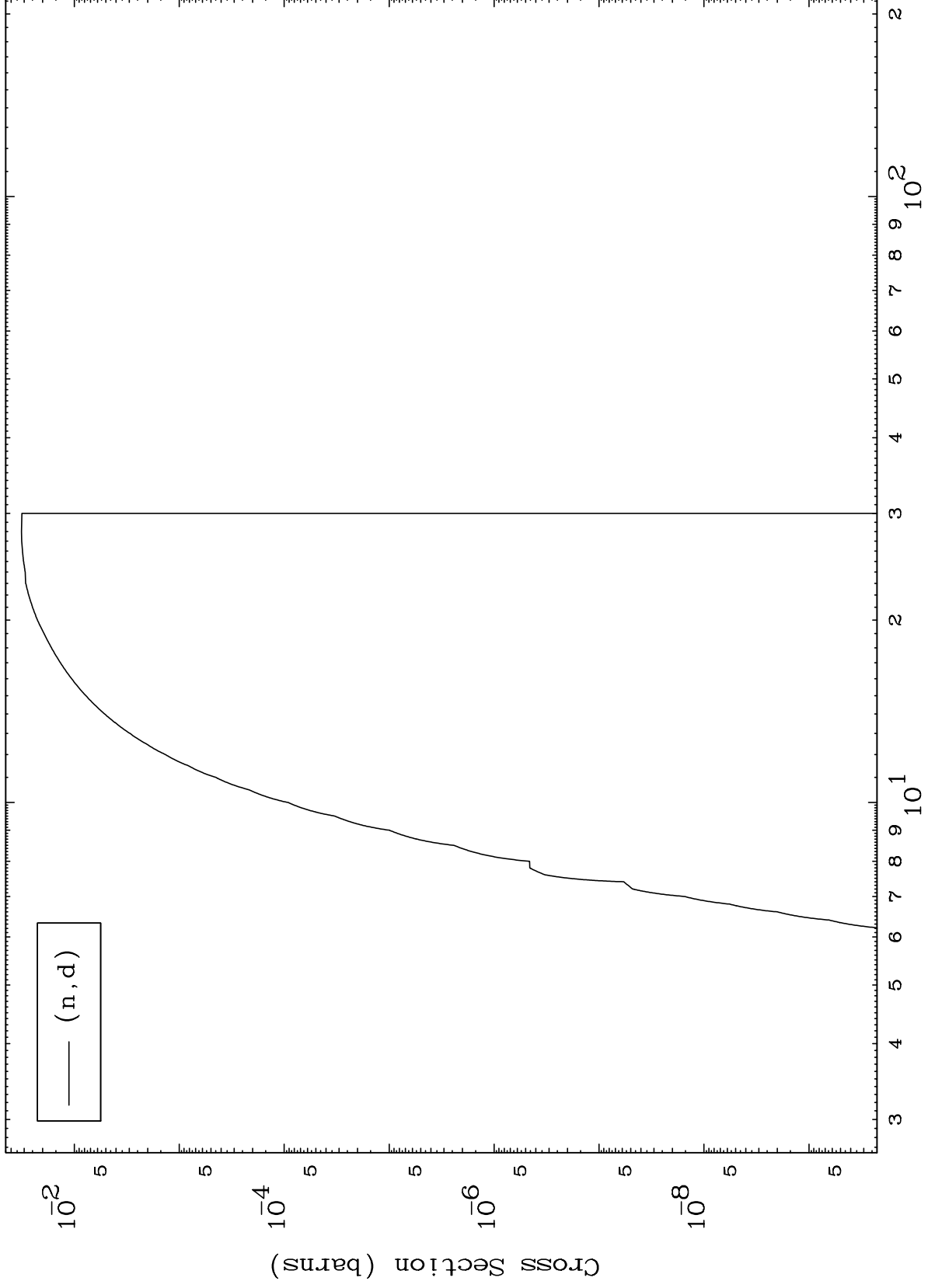
60-Nd-137m



MAT 6011

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-137m



14

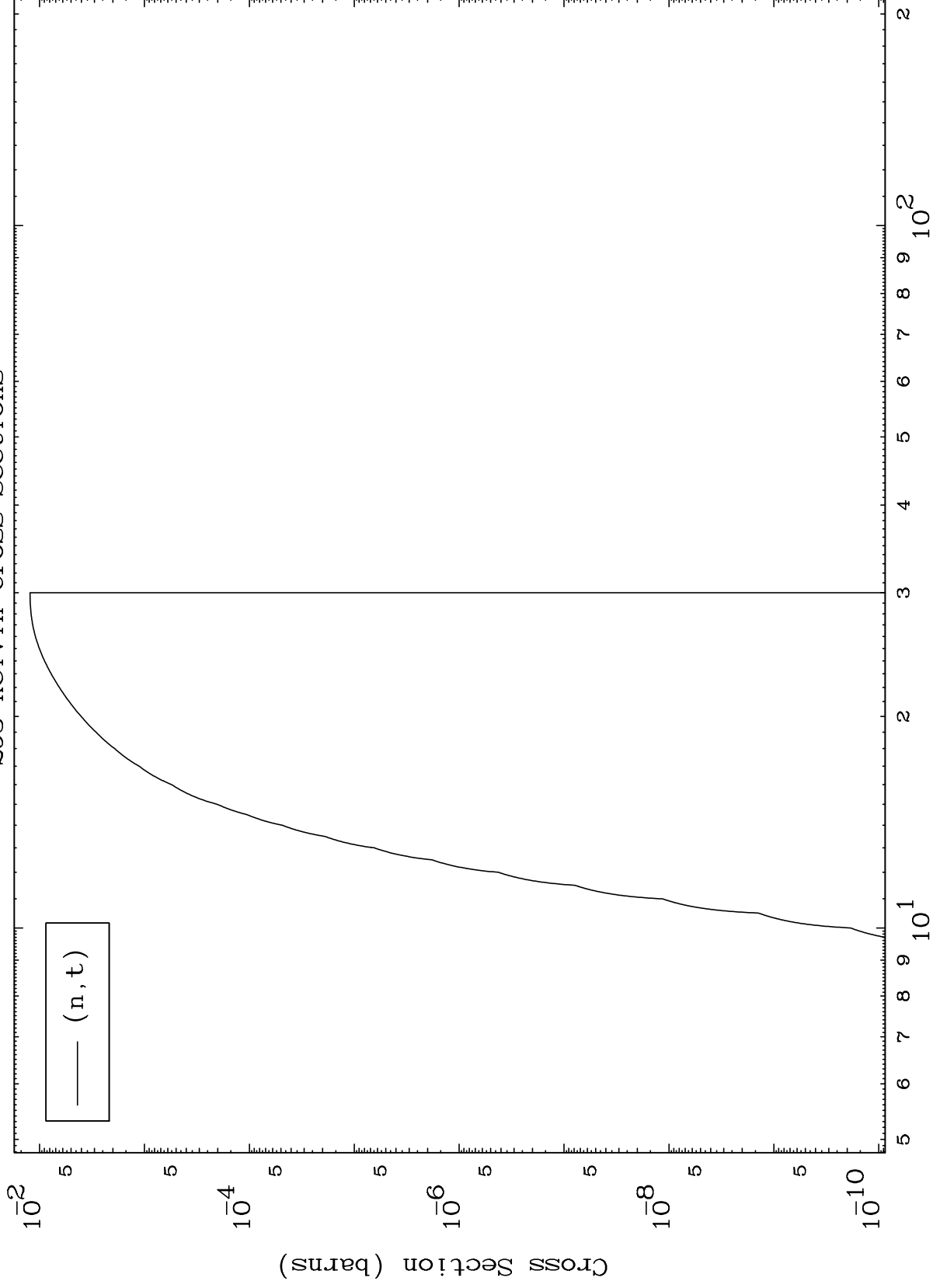
Incident Energy (MeV)

60-Nd-137m

MAT 6011

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-137m



15

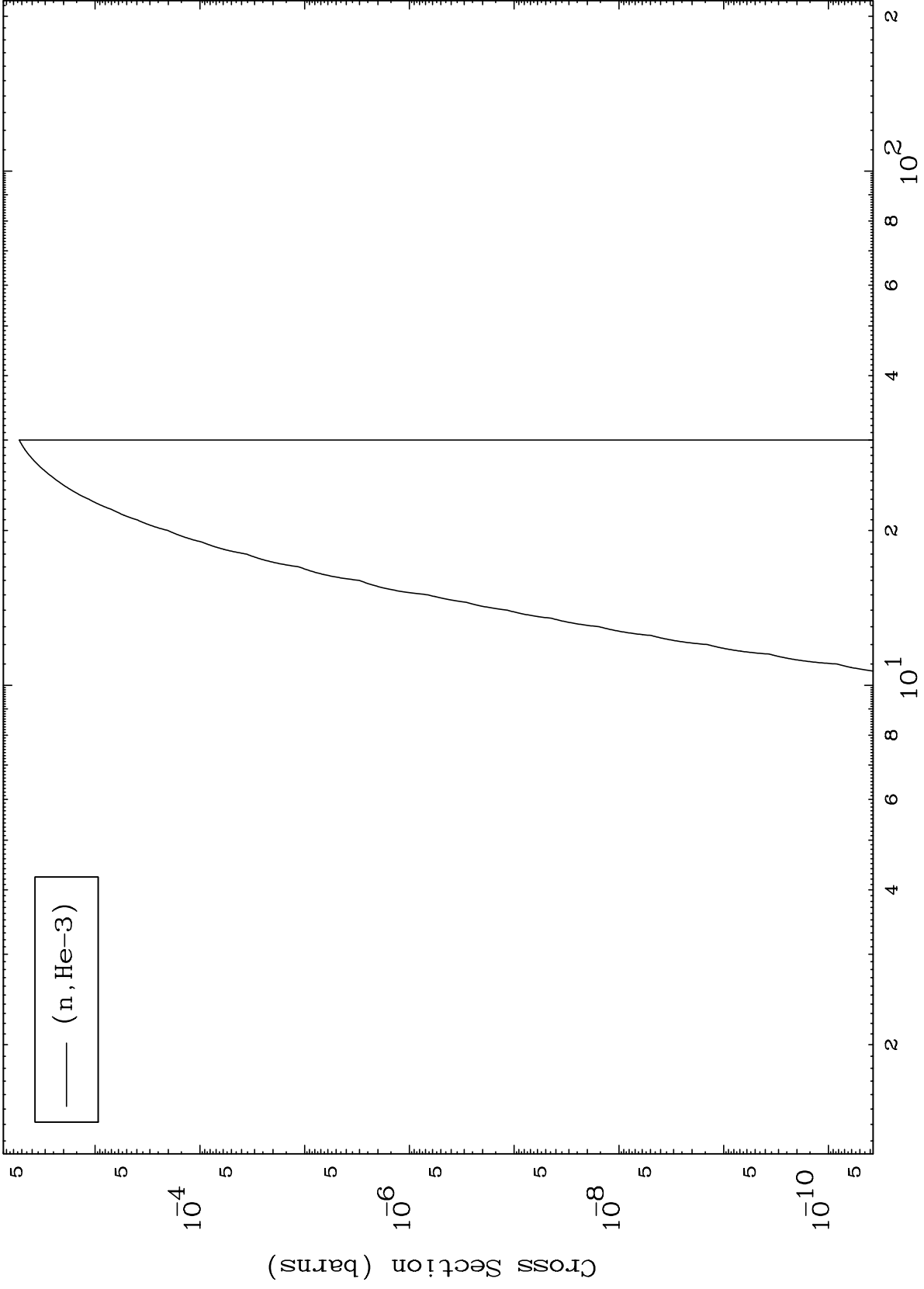
Incident Energy (MeV)

60-Nd-137m

MAT 6011

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-137m



16

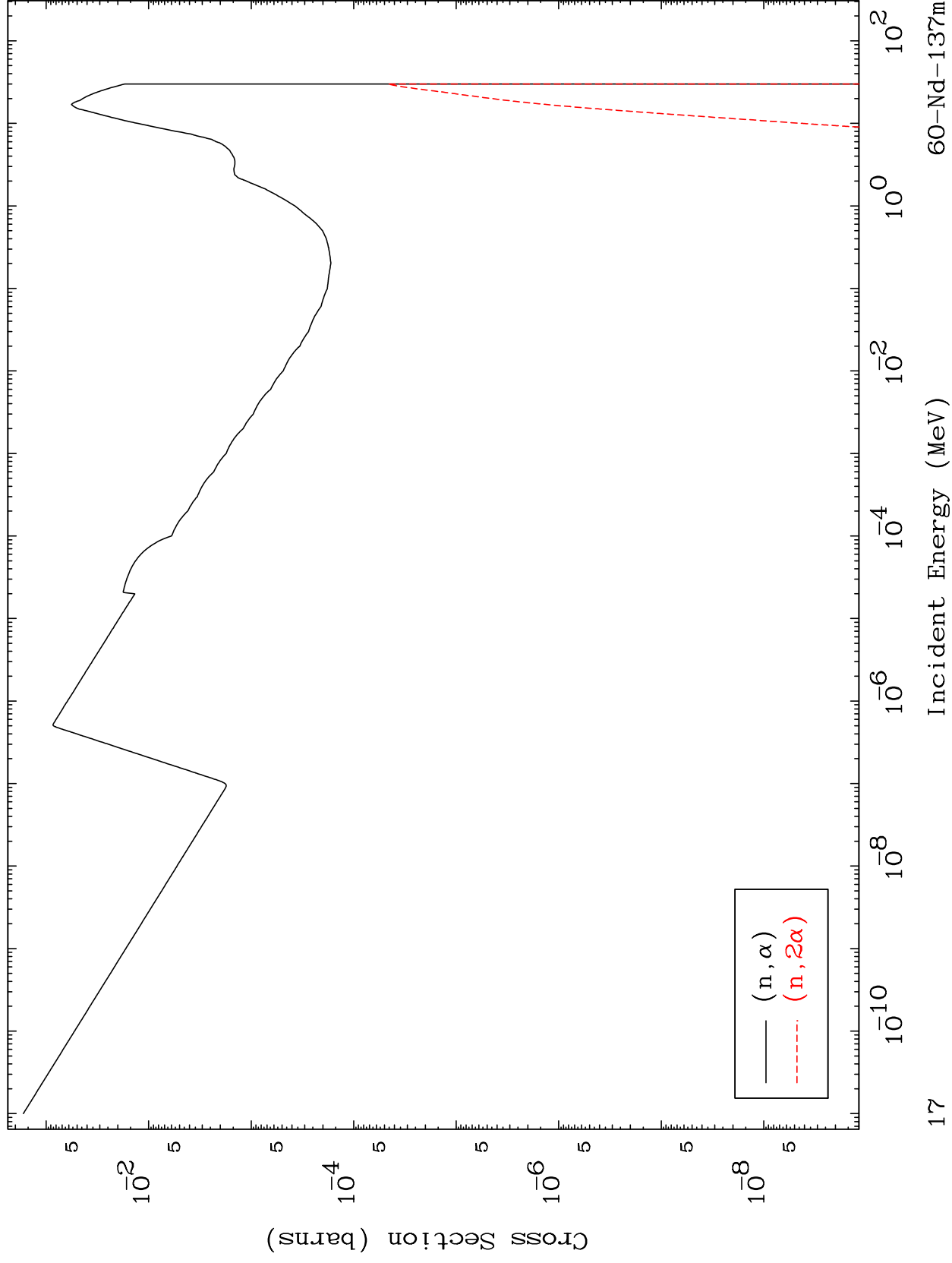
Incident Energy (MeV)

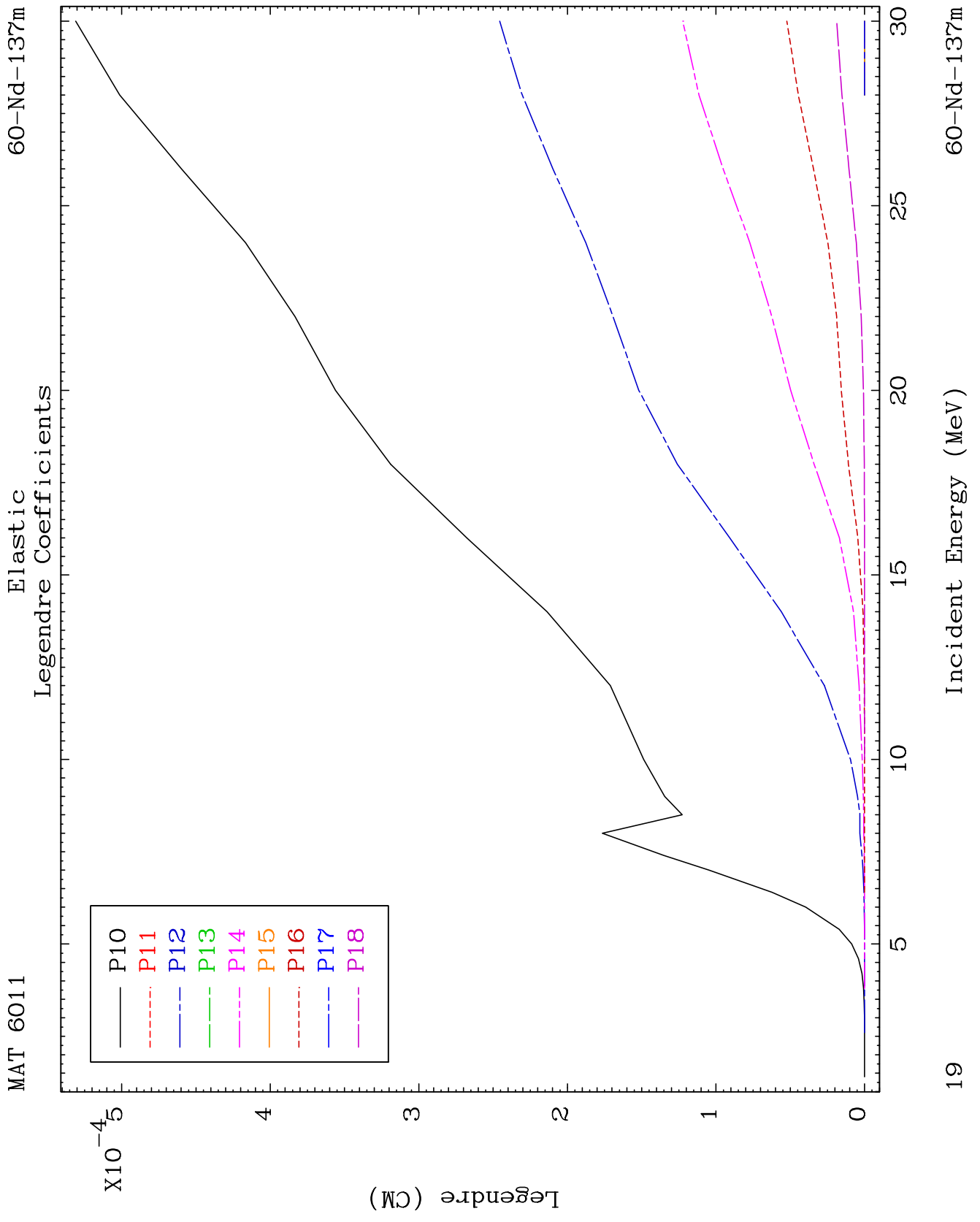
60-Nd-137m

MAT 6011

(n, α) Levels
293 Kelvin Cross Sections

60-Nd-137m

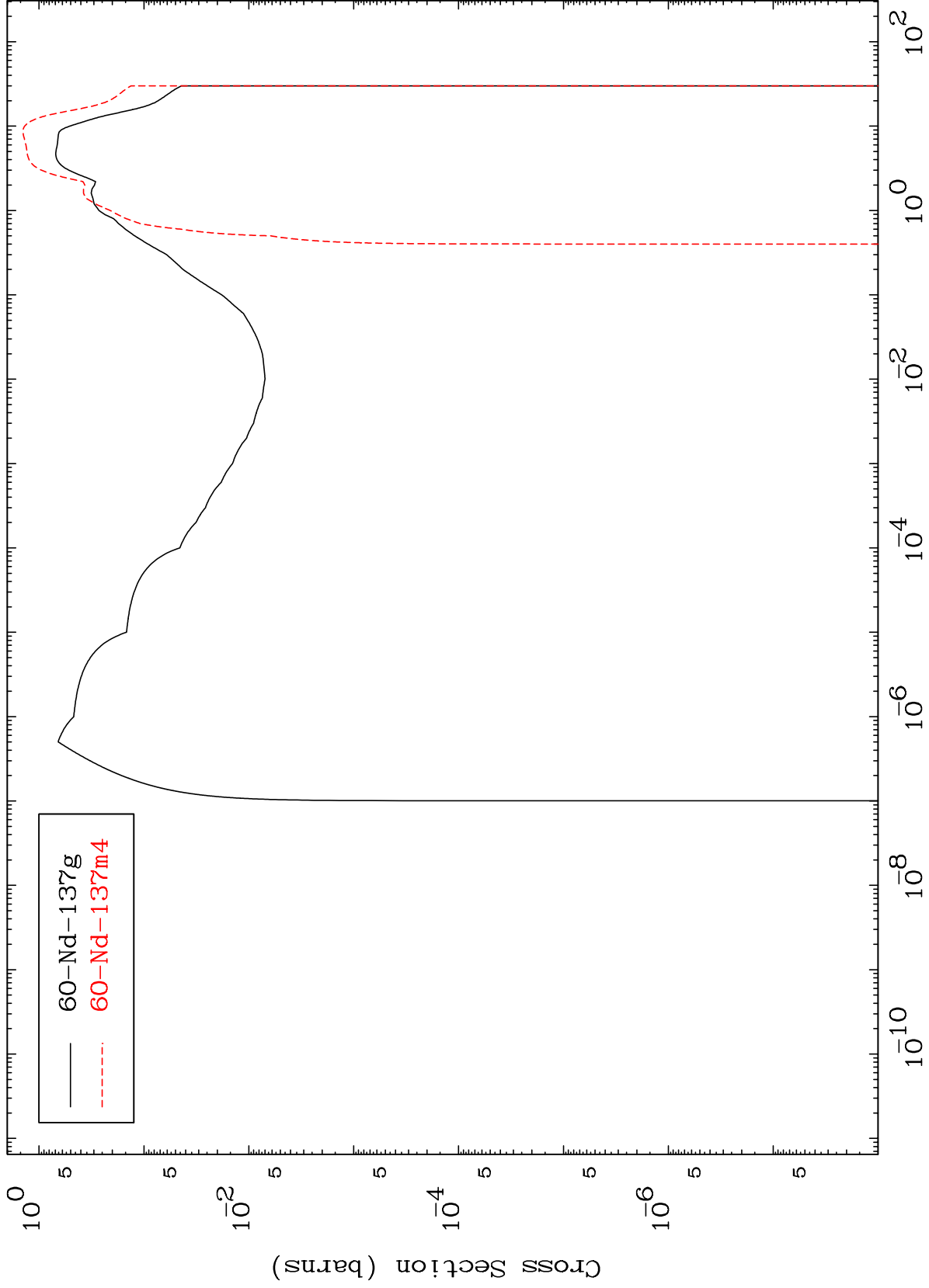




MAT 6011

Inelastic
Radionuclide Production Cross Section

60-Nd-137m



60-Nd-137g
60-Nd-137m4

Incident Energy (MeV)

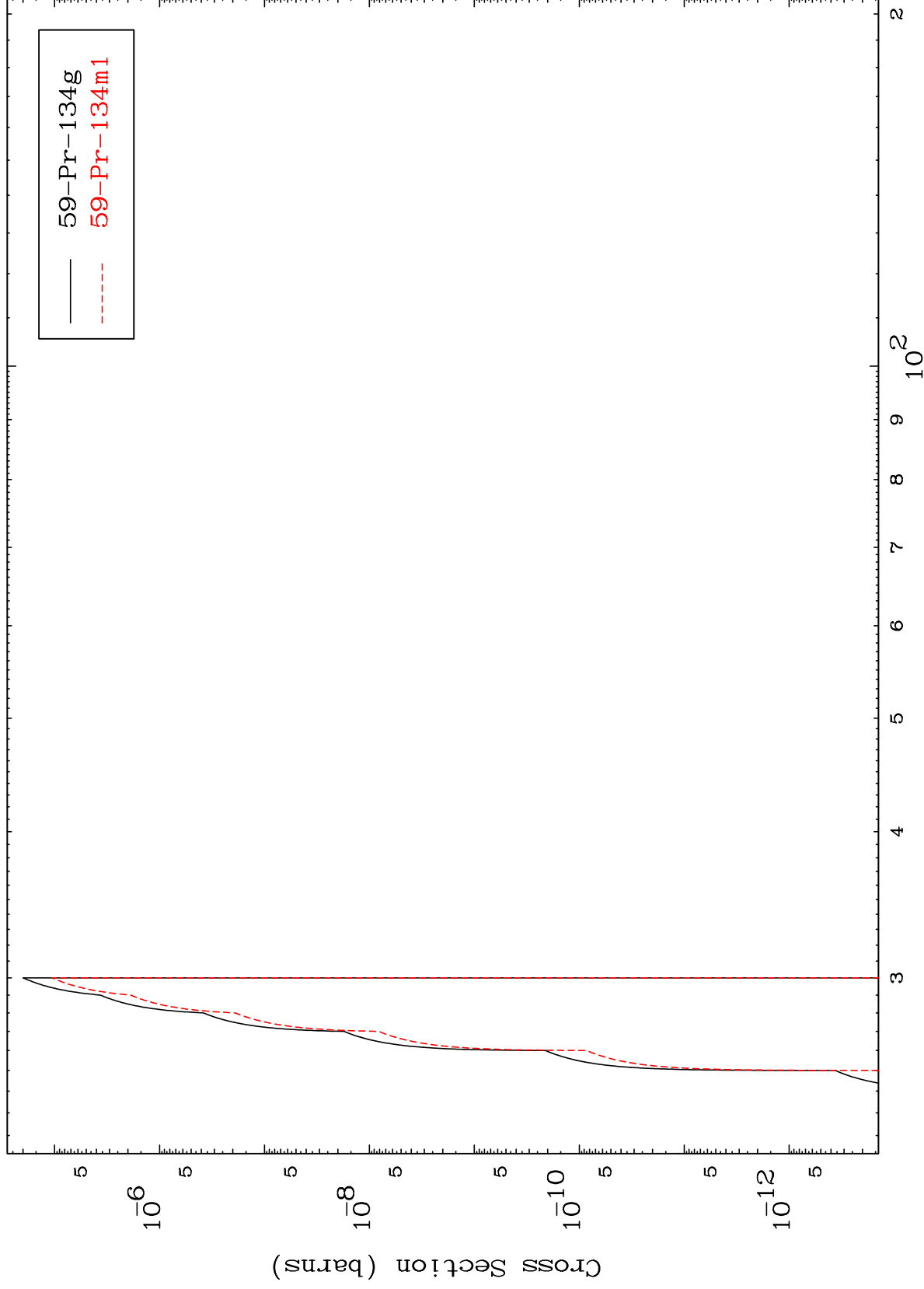
60-Nd-137m

MAT 6011

(n,2n) d

60-Nd-137m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

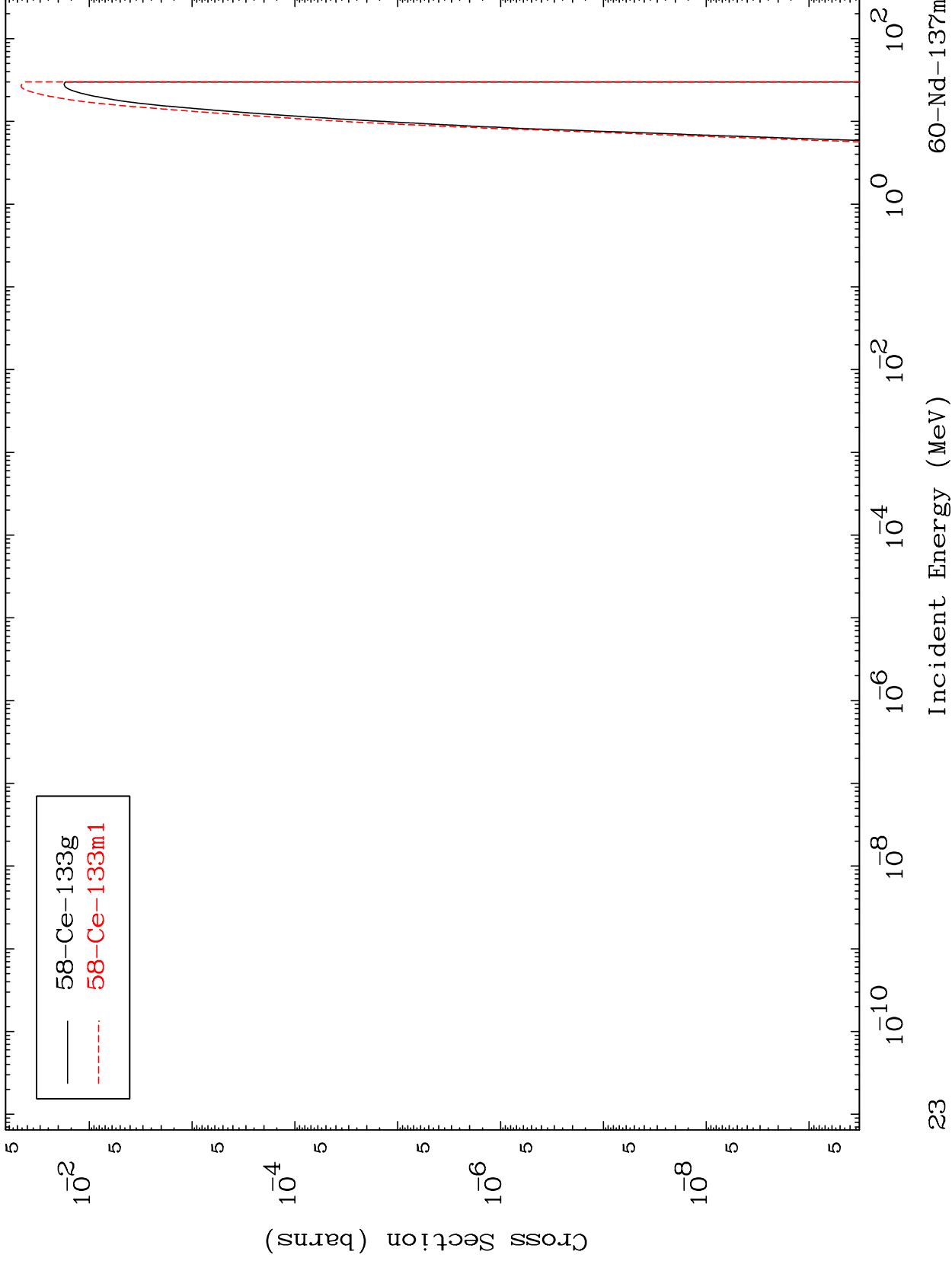
60-Nd-137m

MAT 6011

$(n, n') \alpha$

60-Nd-137m

Radionuclide Production Cross Section

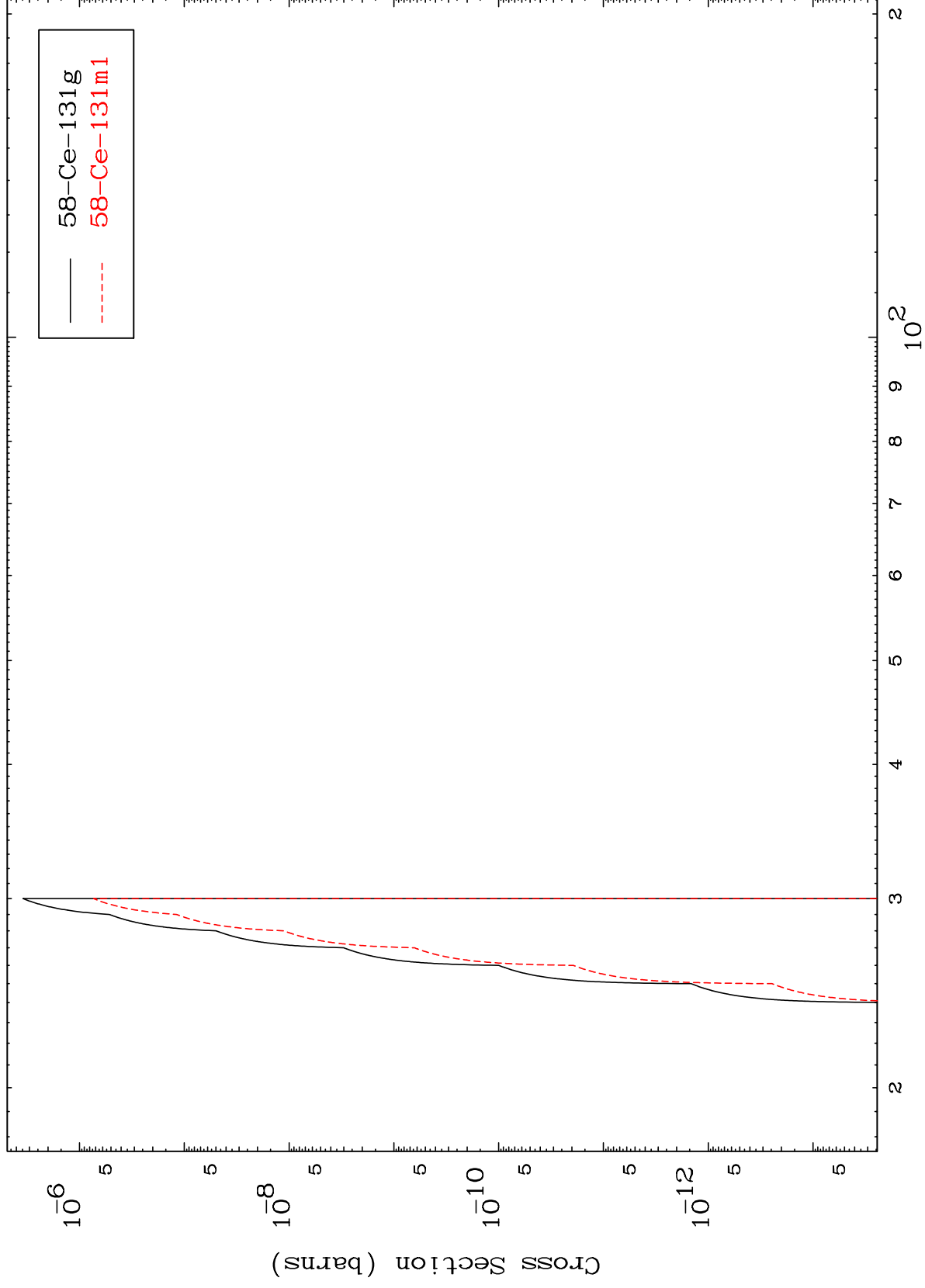


MAT 6011

(n,3n) α

60-Nd-137m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

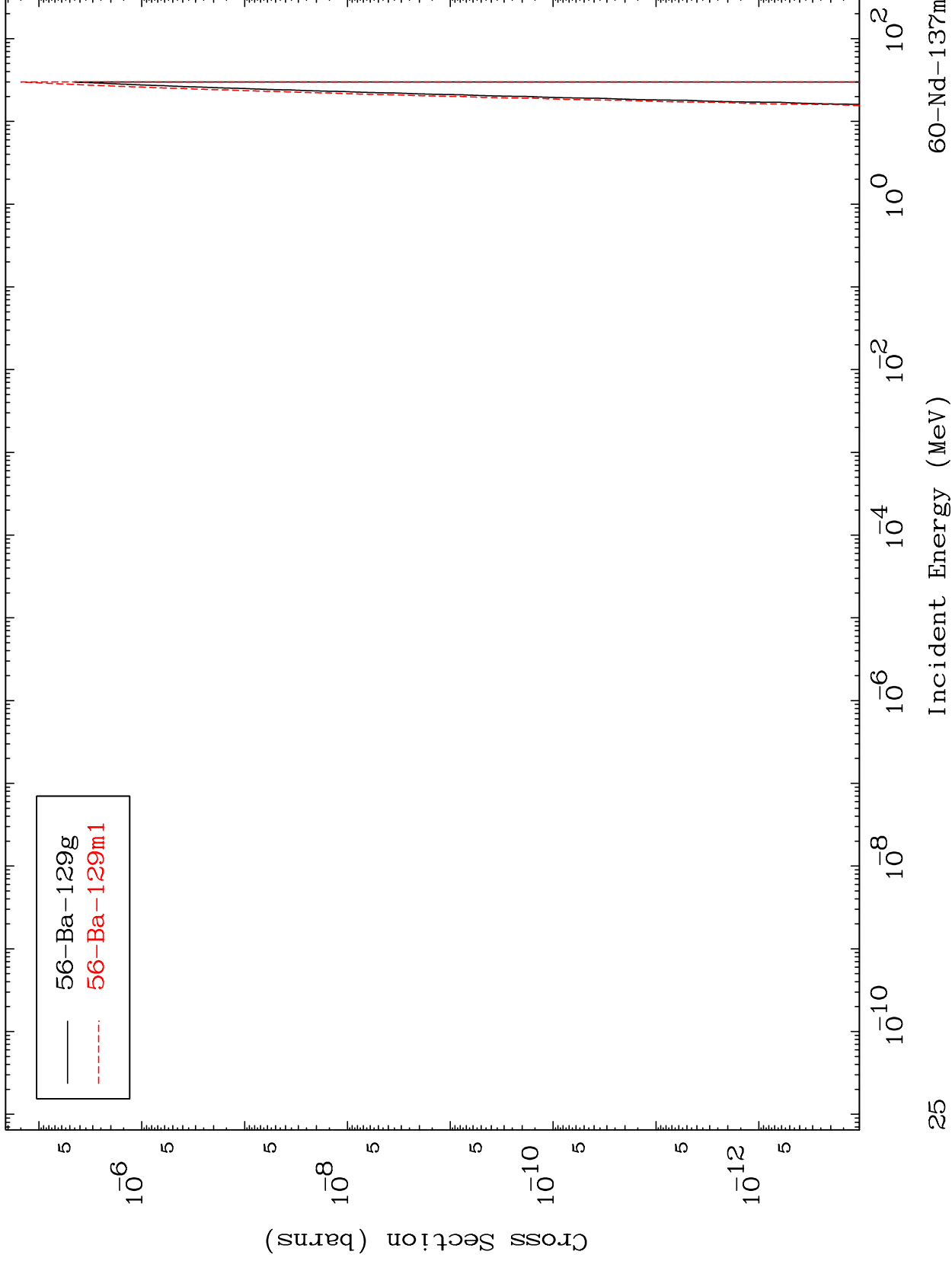
60-Nd-137m

MAT 6011

(n,n') 2 α

60-Nd-137m

Radionuclide Production Cross Section

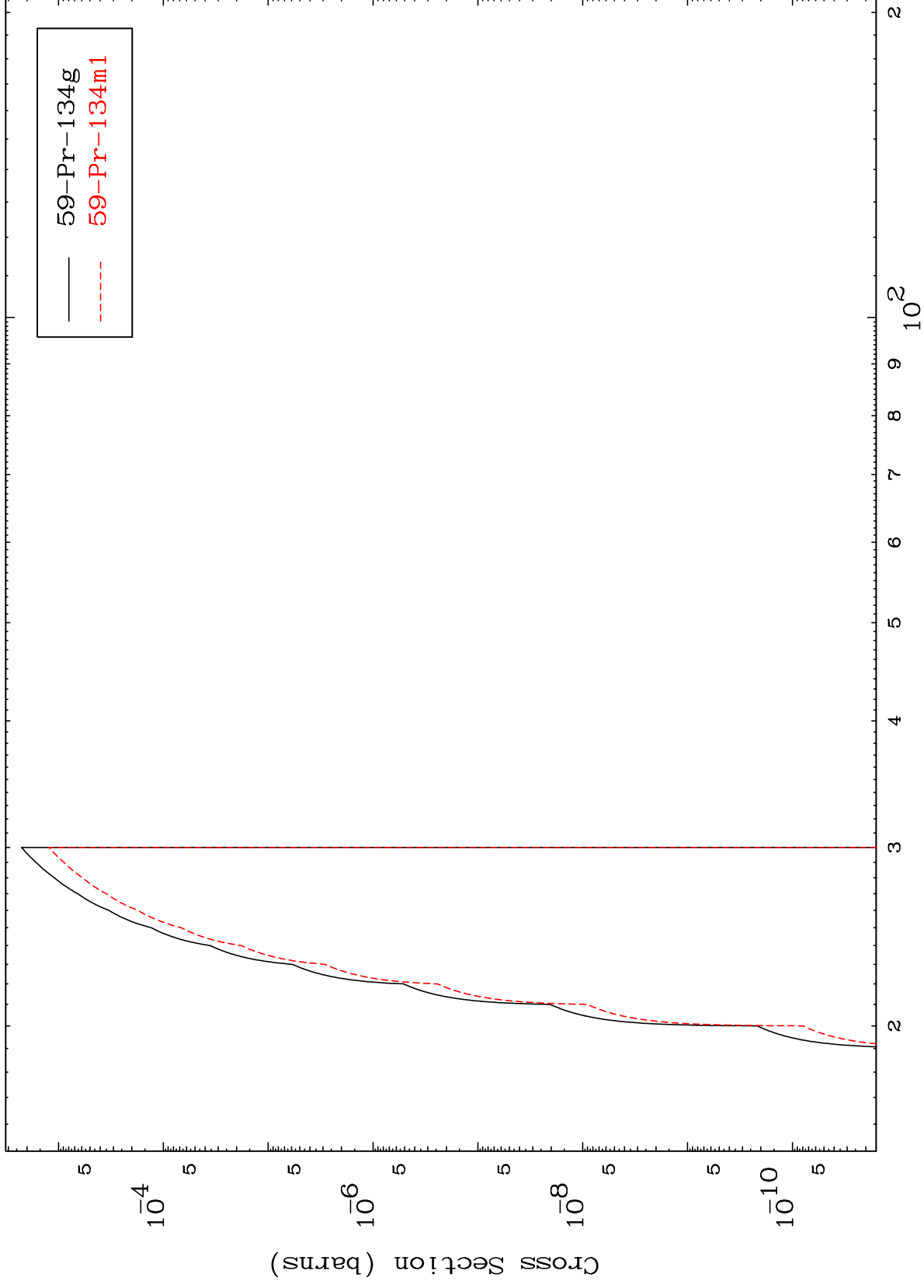


MAT 6011

(n,n') t

60-Nd-137m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

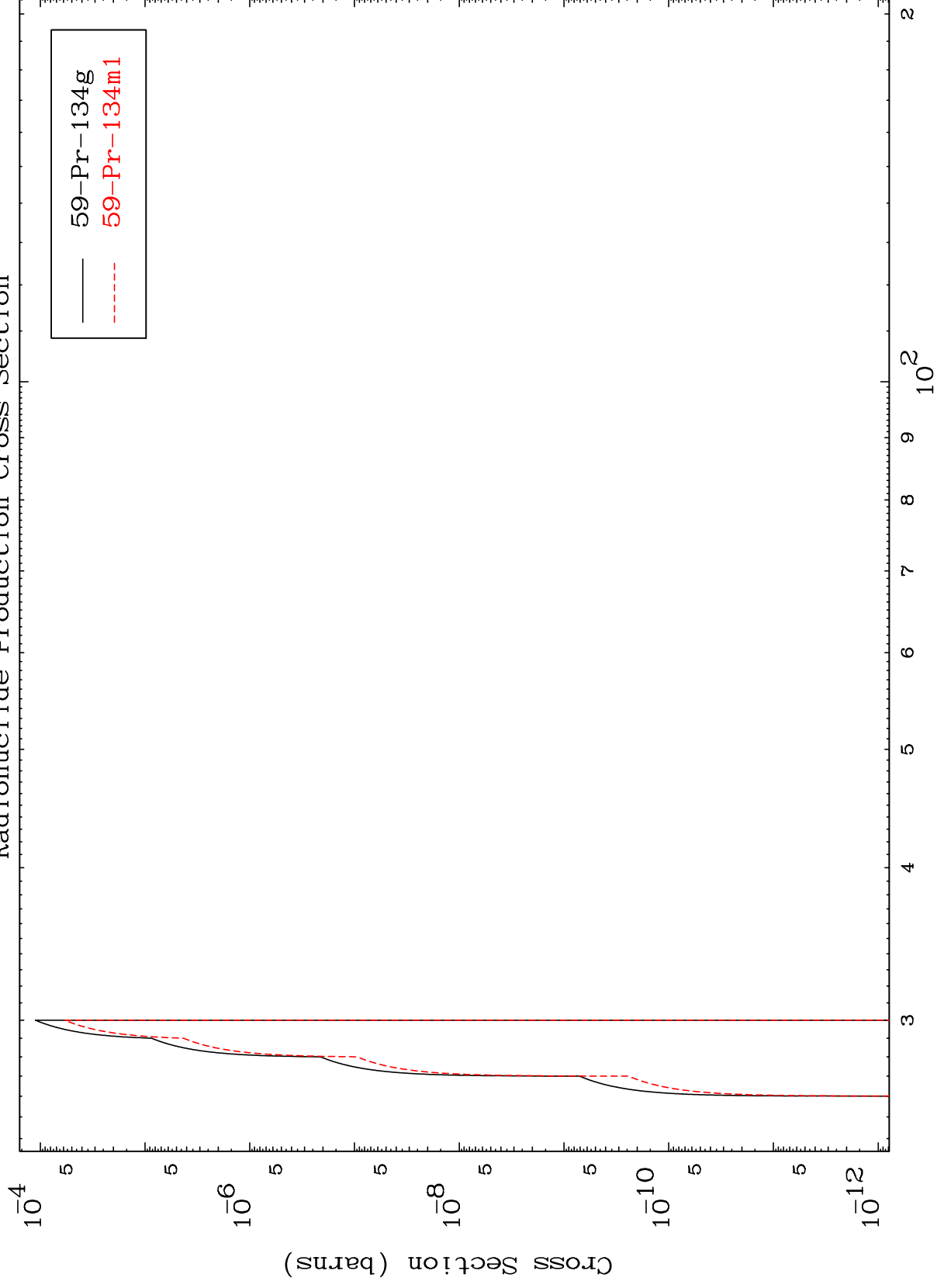
60-Nd-137m

MAT 6011

(n,3n) p

60-Nd-137m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

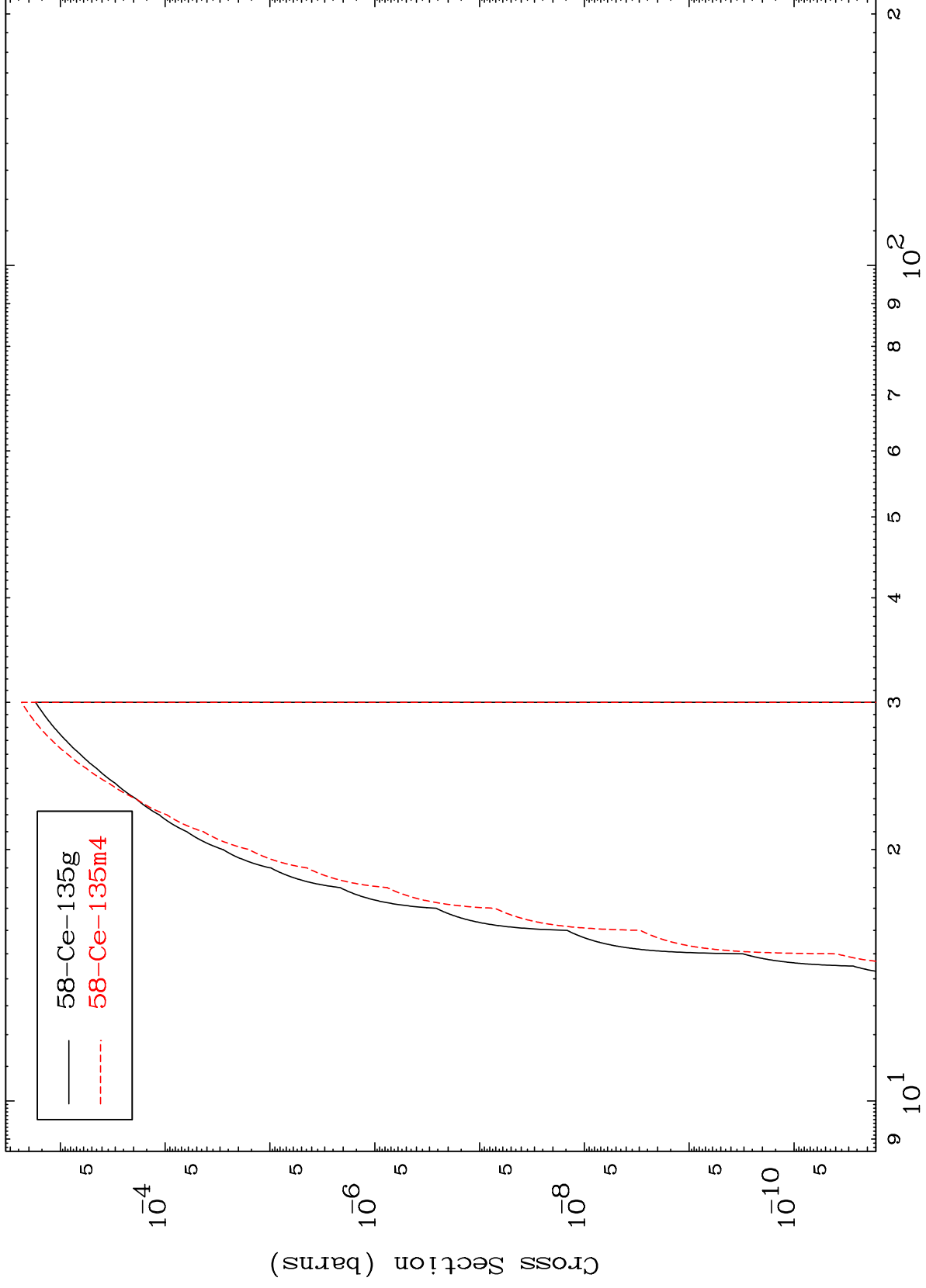
60-Nd-137m

MAT 6011

(n,2n) p

60-Nd-137m

Radionuclide Production Cross Section



Incident Energy (MeV)

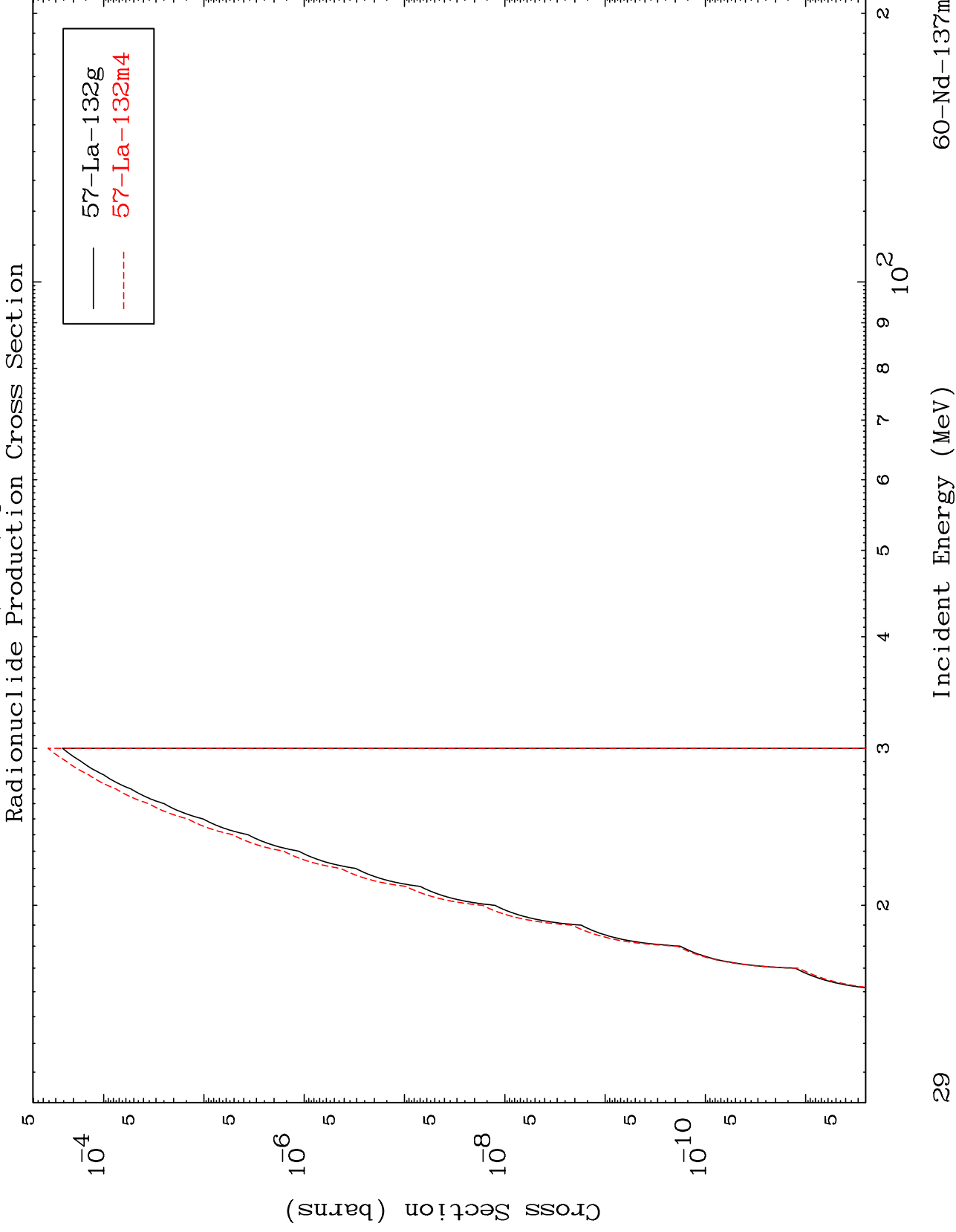
60-Nd-137m

28

MAT 6011

(n,n') p α

60-Nd-137m



29

Incident Energy (MeV)

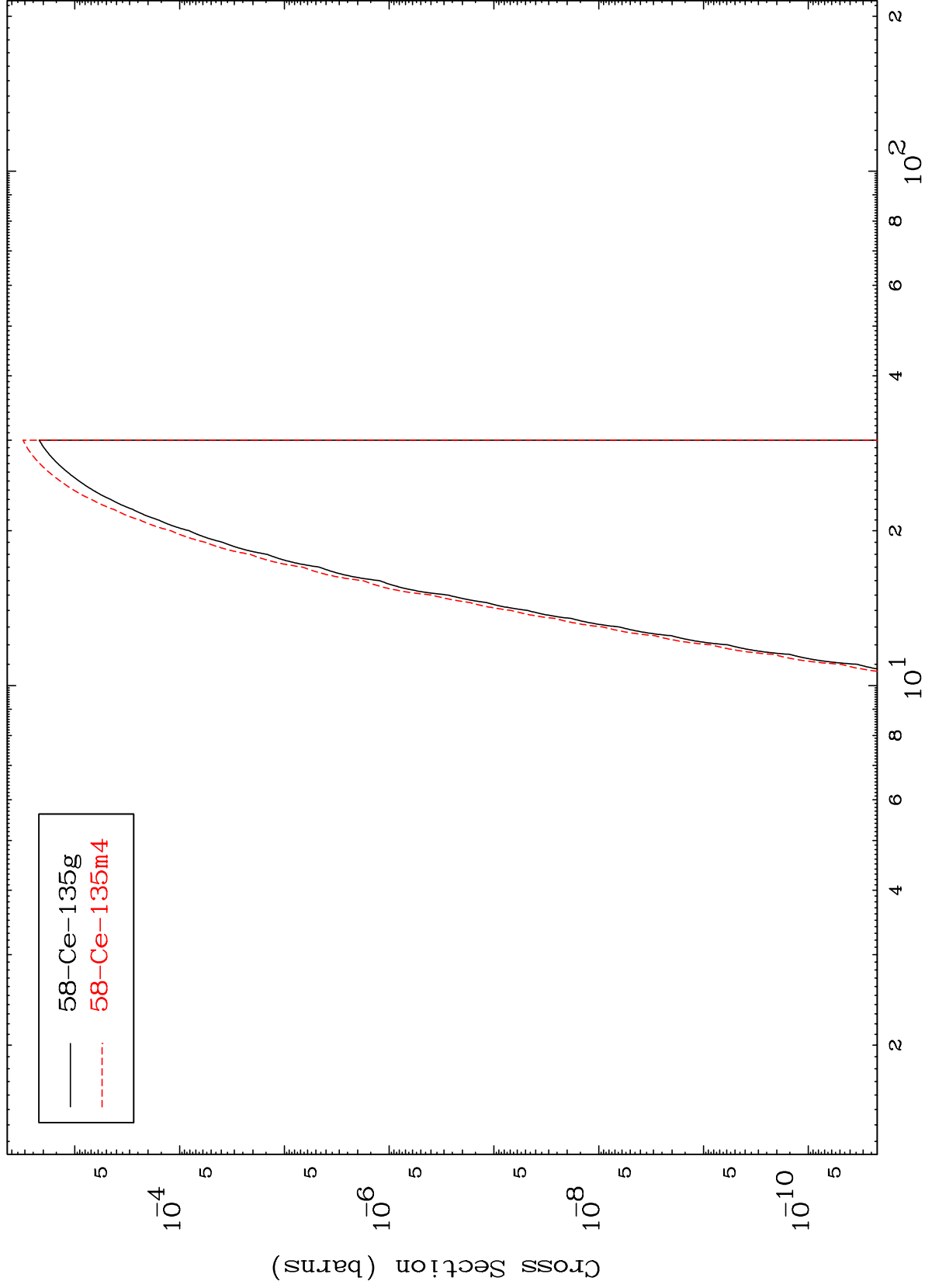
60-Nd-137m

MAT 6011

(n,He-3)

60-Nd-137m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

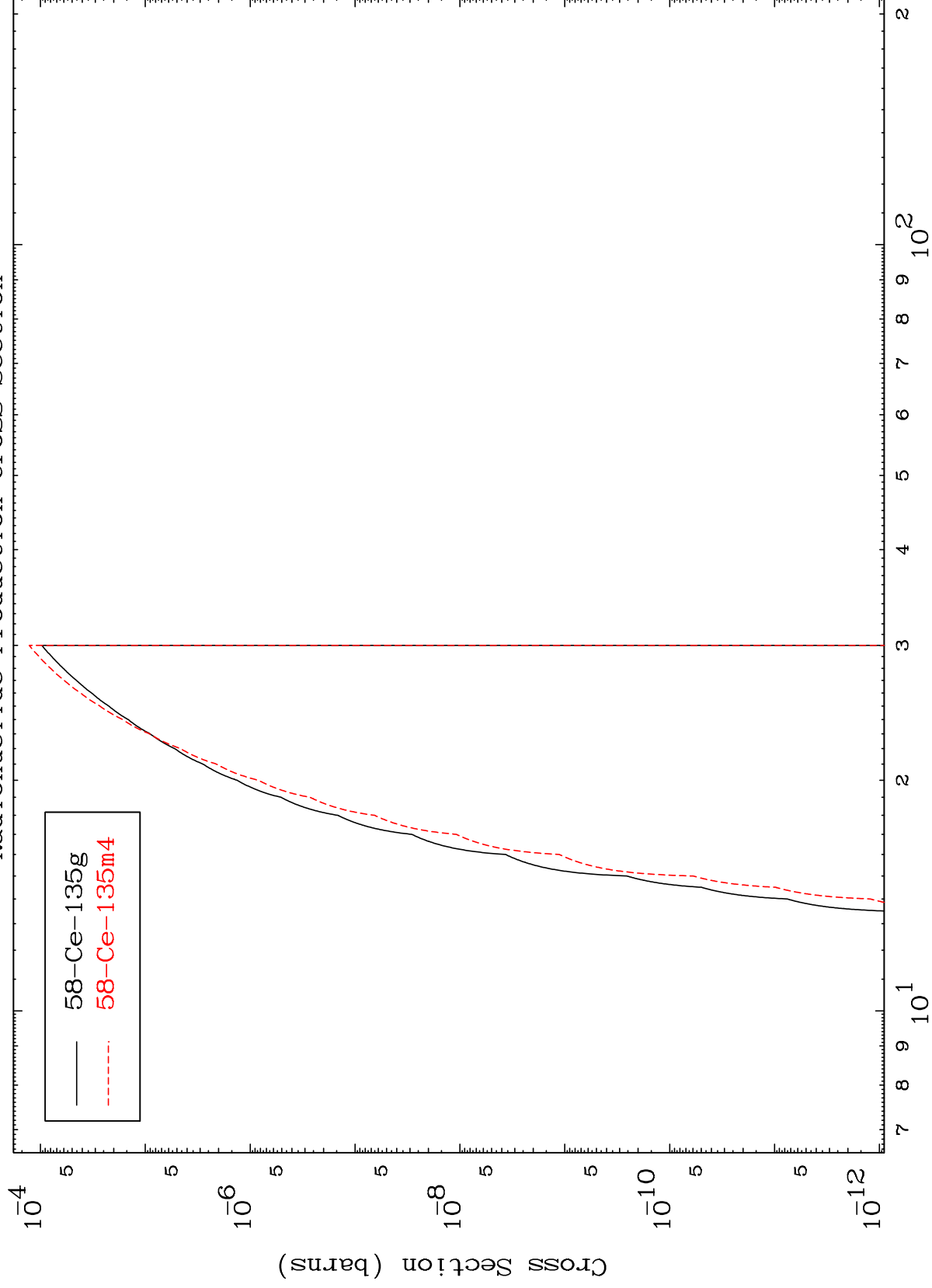
60-Nd-137m

MAT 6011

60-Nd-137m

(n,p) d

Radionuclide Production Cross Section



31

Incident Energy (MeV)

60-Nd-137m

MAT 6011

(n,d) α

60-Nd-137m

Radionuclide Production Cross Section

