

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

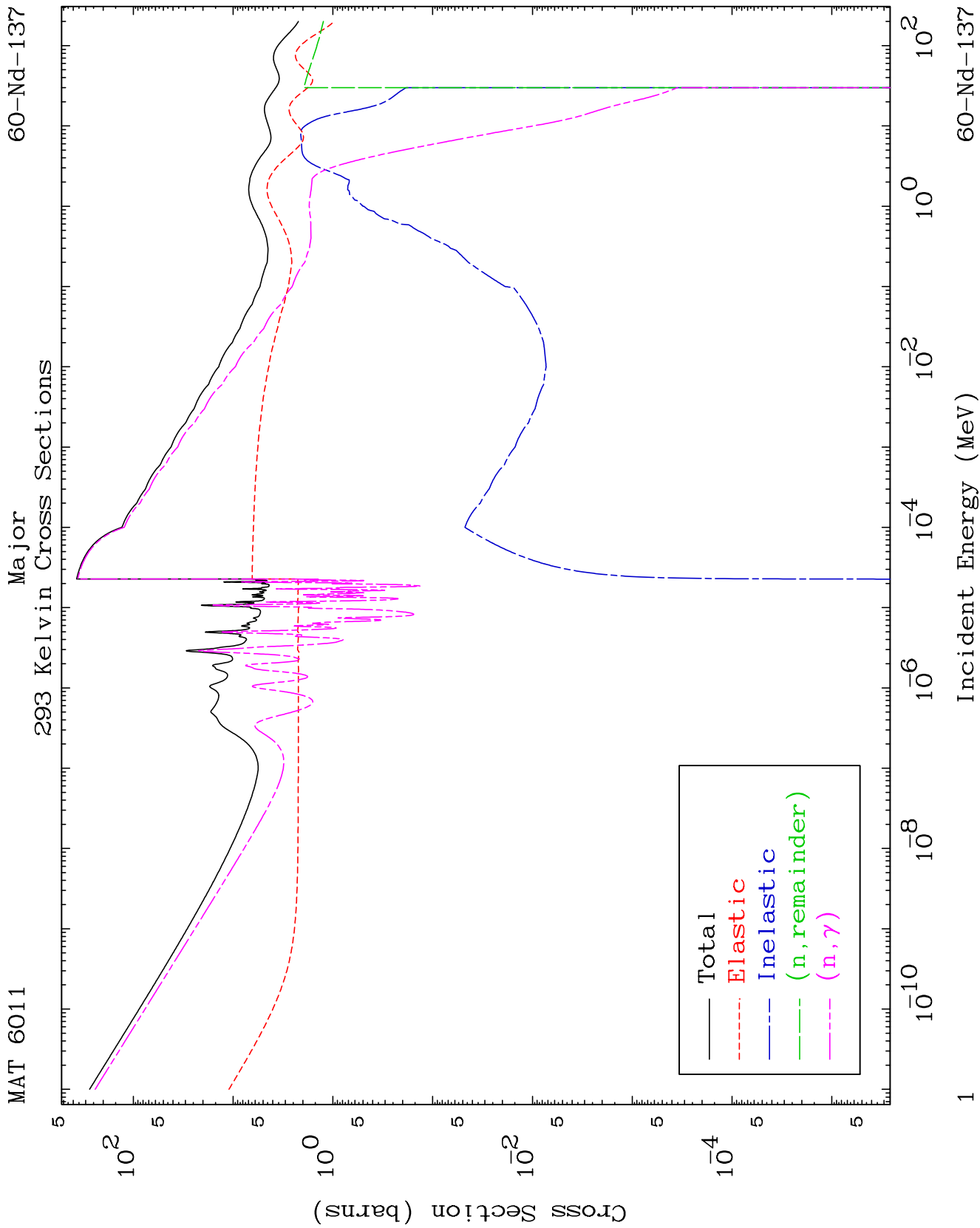
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

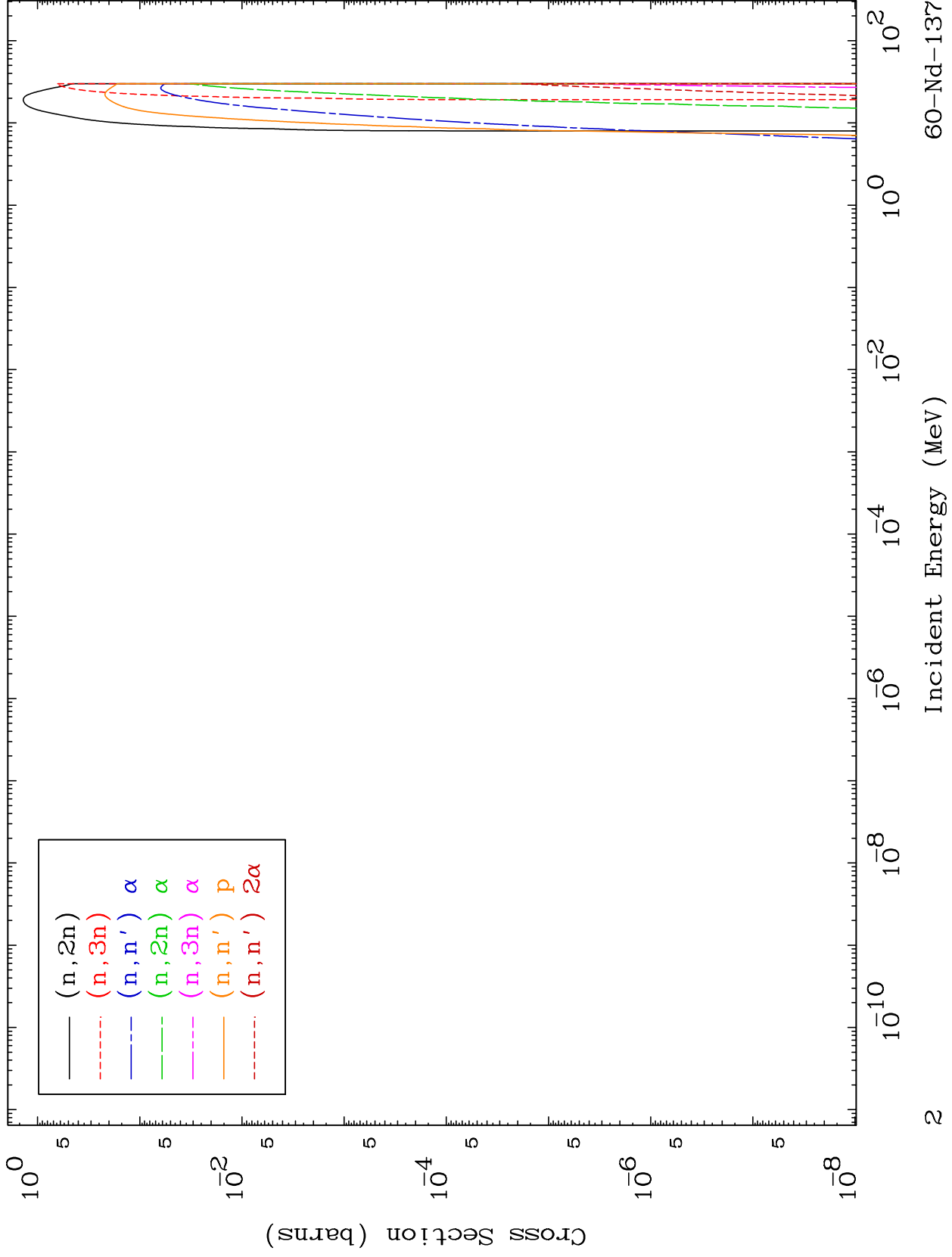
Press Mouse Button to Start



MAT 6011

Neutron Production
293 Kelvin Cross Sections

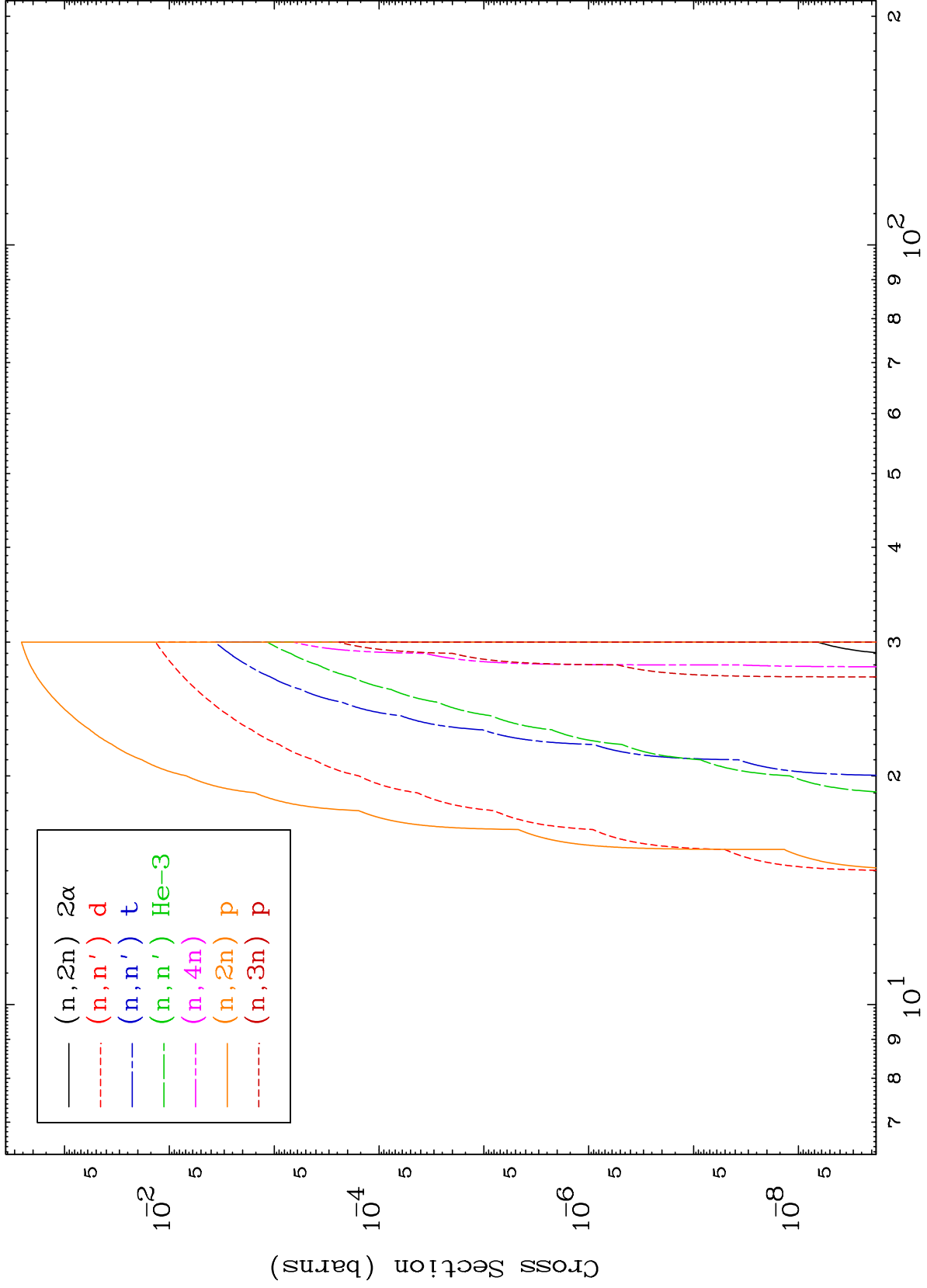
60-Nd-137



MAT 6011

Neutron Production
293 Kelvin Cross Sections

60-Nd-137



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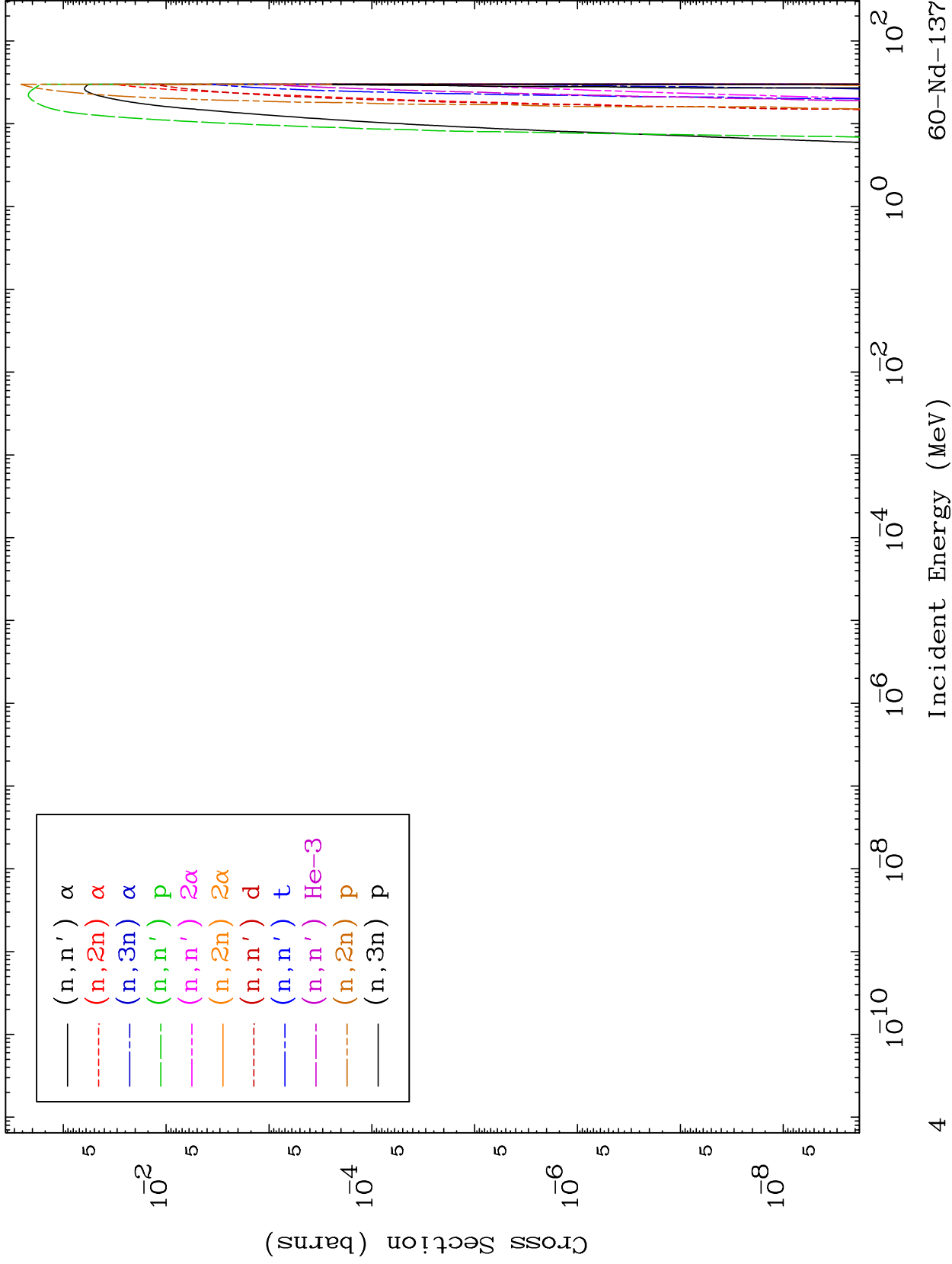
Incident Energy (MeV)

60-Nd-137

MAT 6011

Charged Particle
293 Kelvin Cross Sections

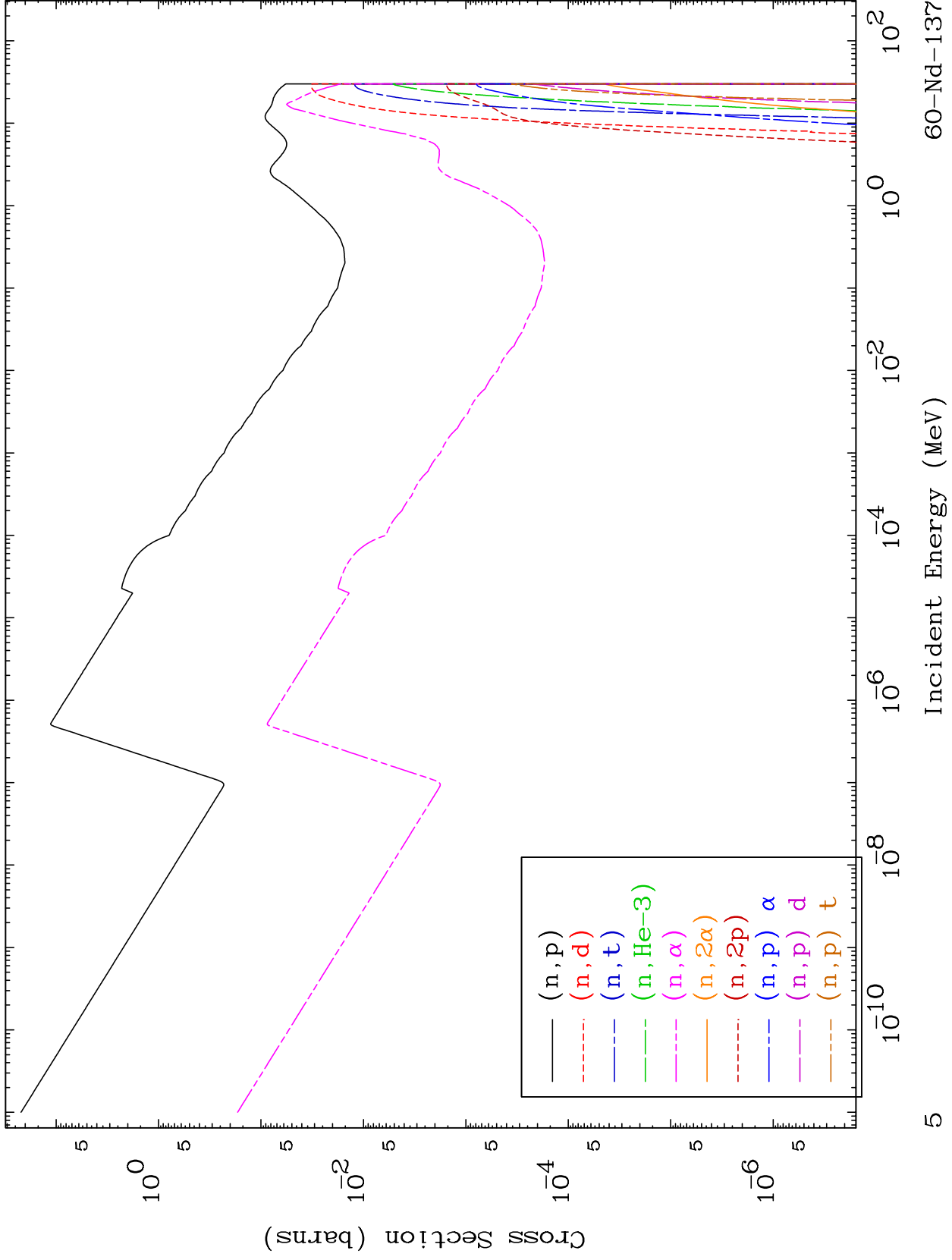
60-Nd-137



MAT 6011

Charged Particle
293 Kelvin Cross Sections

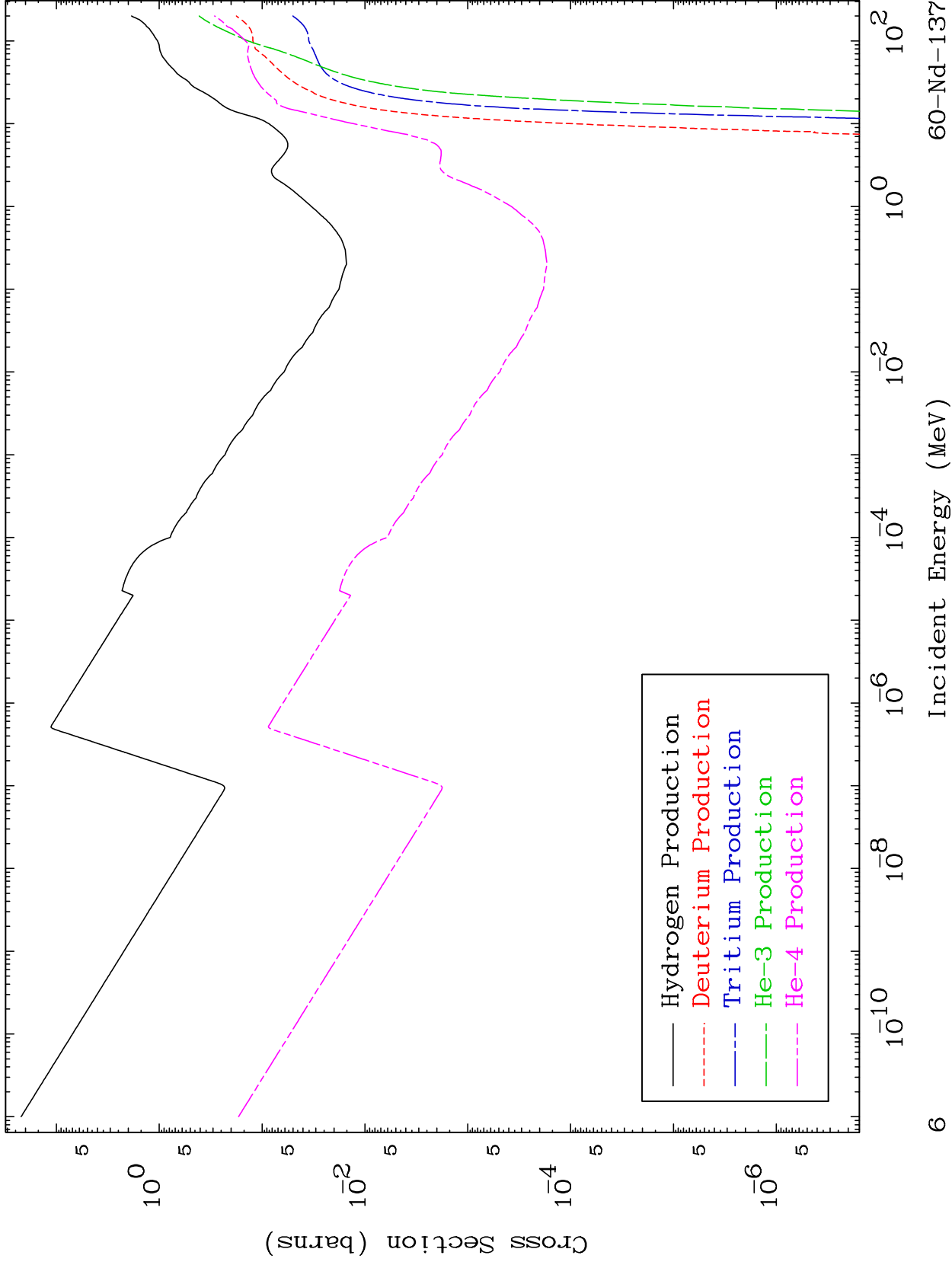
60-Nd-137



MAT 6011

Particle Production
293 Kelvin Cross Sections

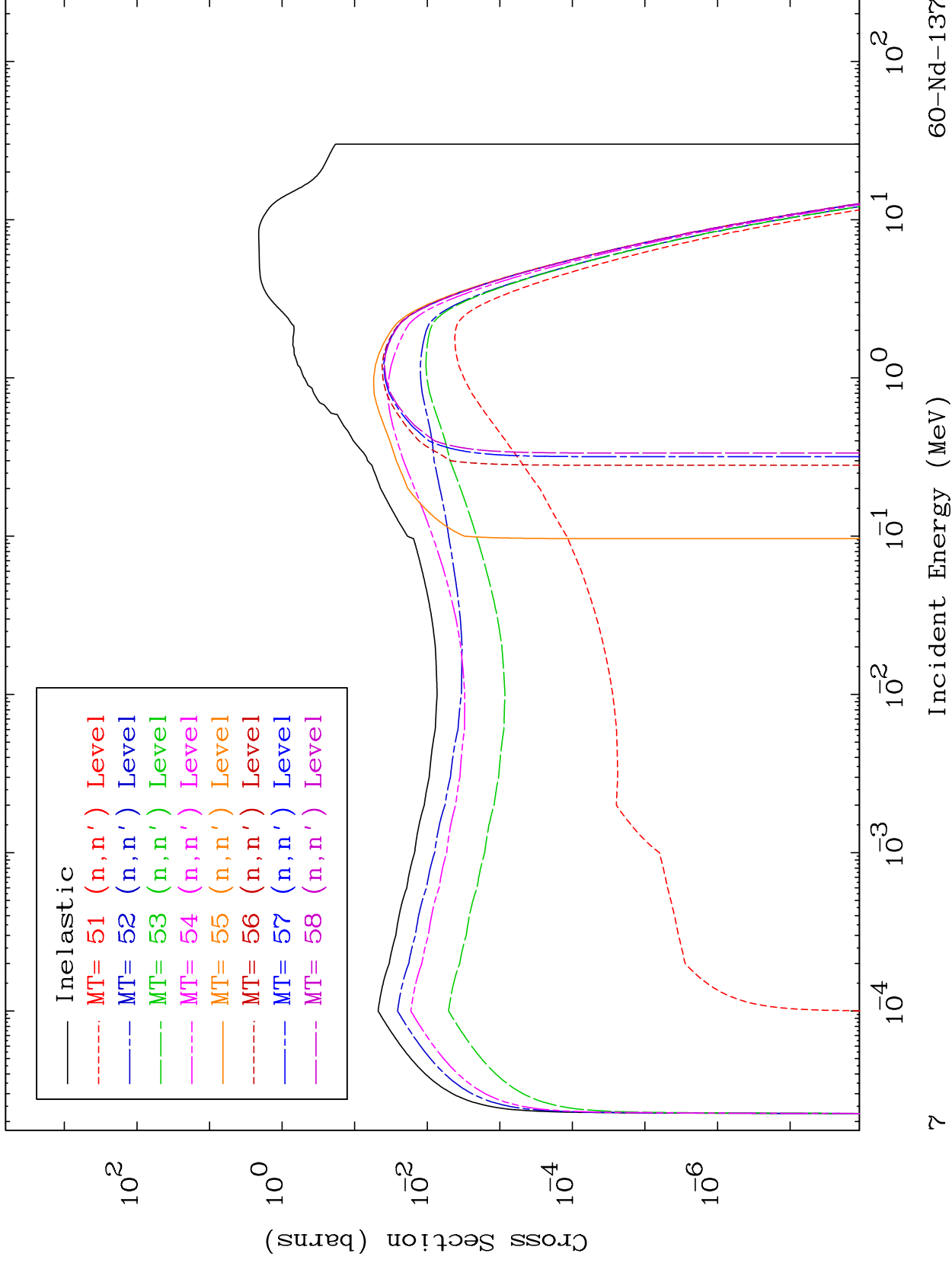
60-Nd-137



MAT 6011

(n,n') Level
293 Kelvin Cross Sections

60-Nd-137

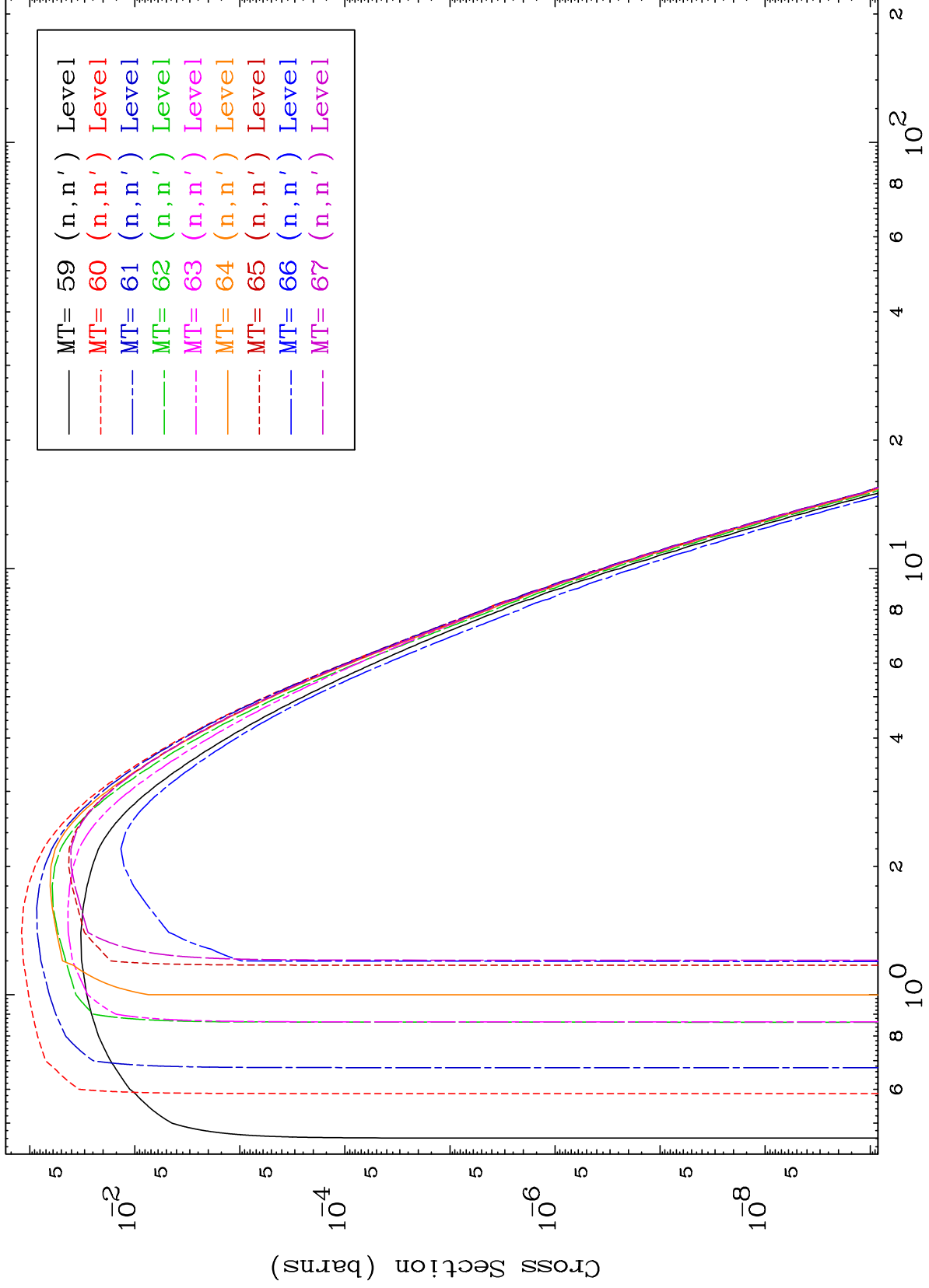


MAT 6011

(n,n') Level

60-Nd-137

293 Kelvin Cross Sections



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Incident Energy (MeV)

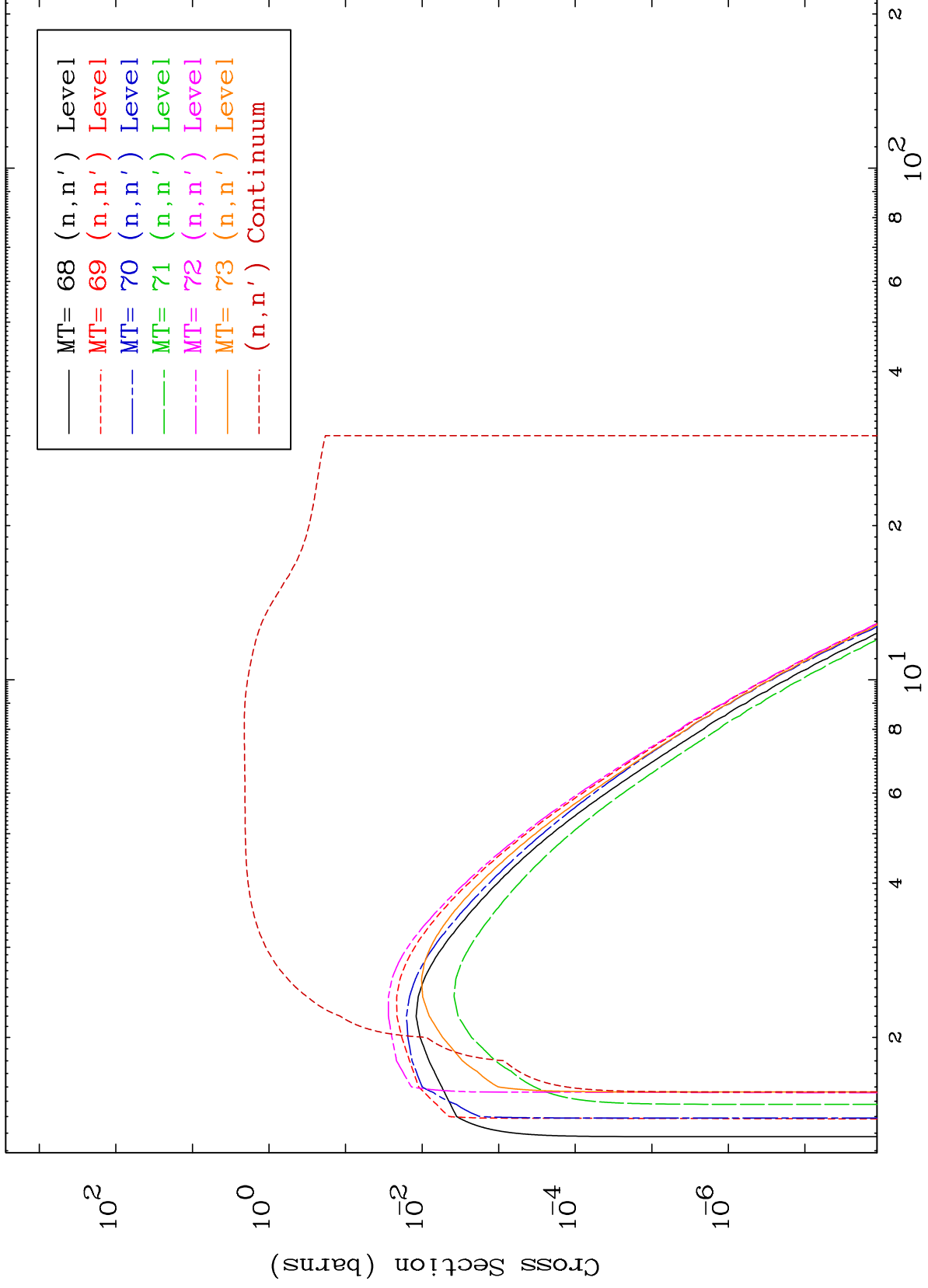
60-Nd-137

MAT 6011

(n,n') Level

60-Nd-137

293 Kelvin Cross Sections



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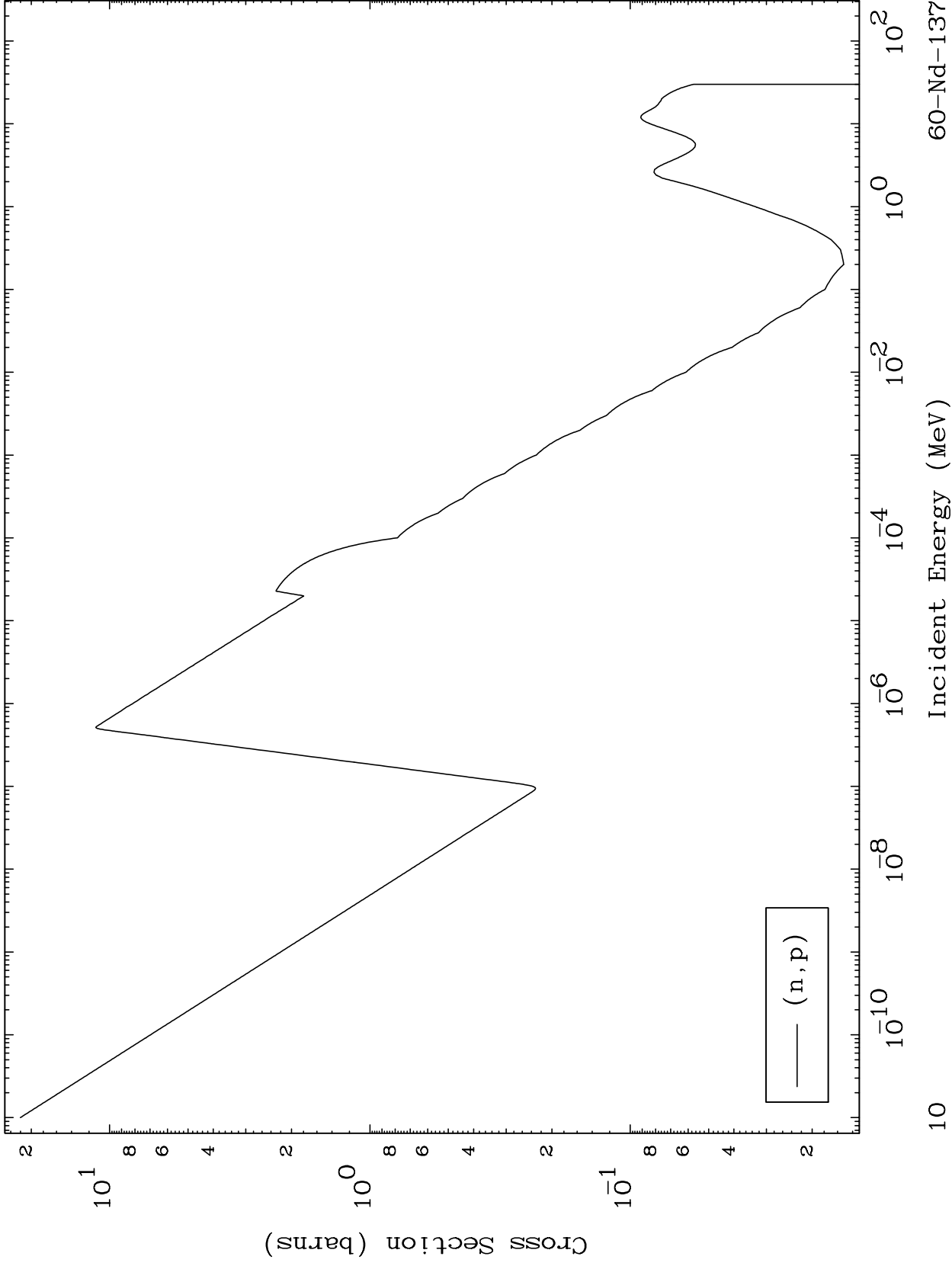
Incident Energy (MeV)

60-Nd-137

MAT 6011

(n,p) Levels
293 Kelvin Cross Sections

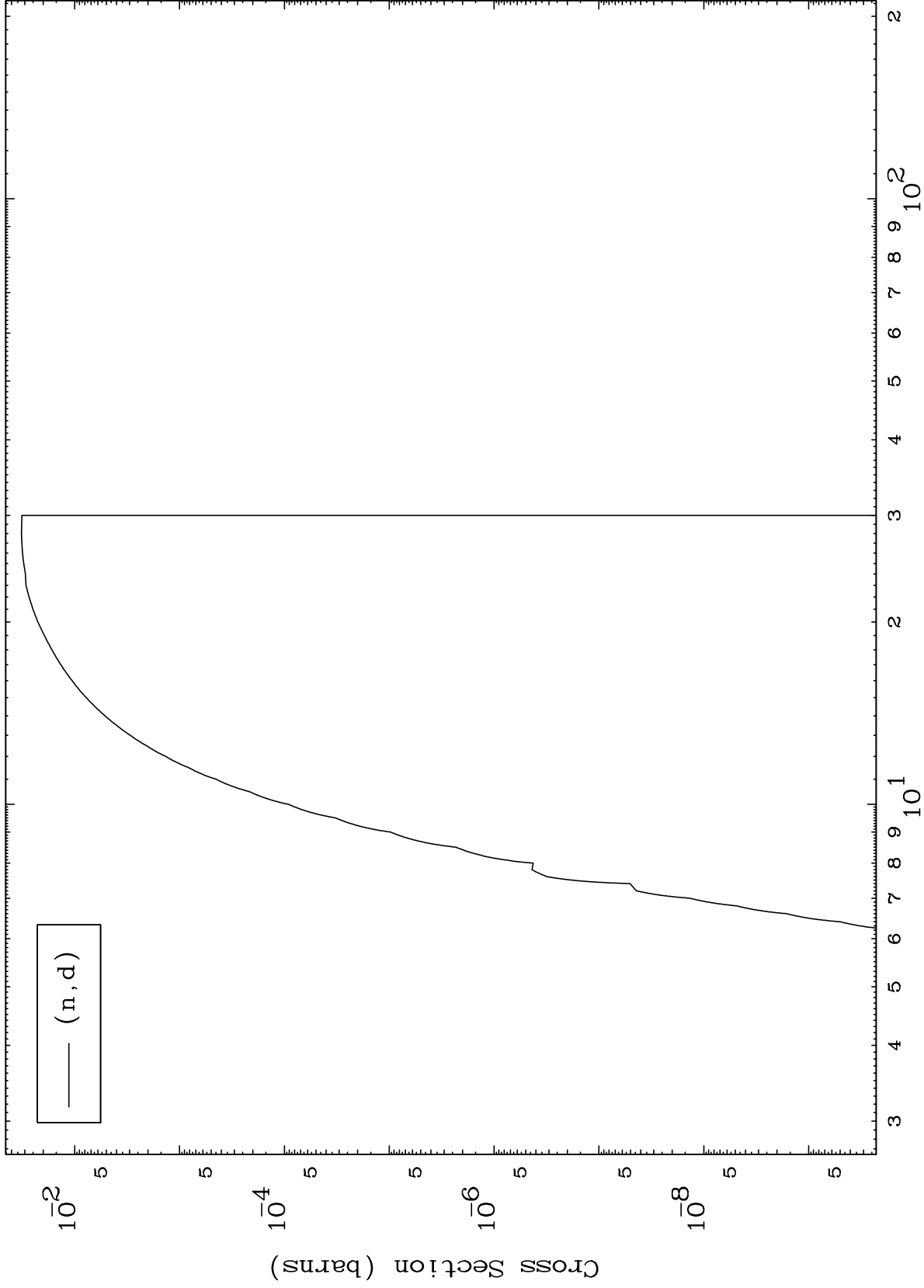
60-Nd-137



MAT 6011

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-137



11

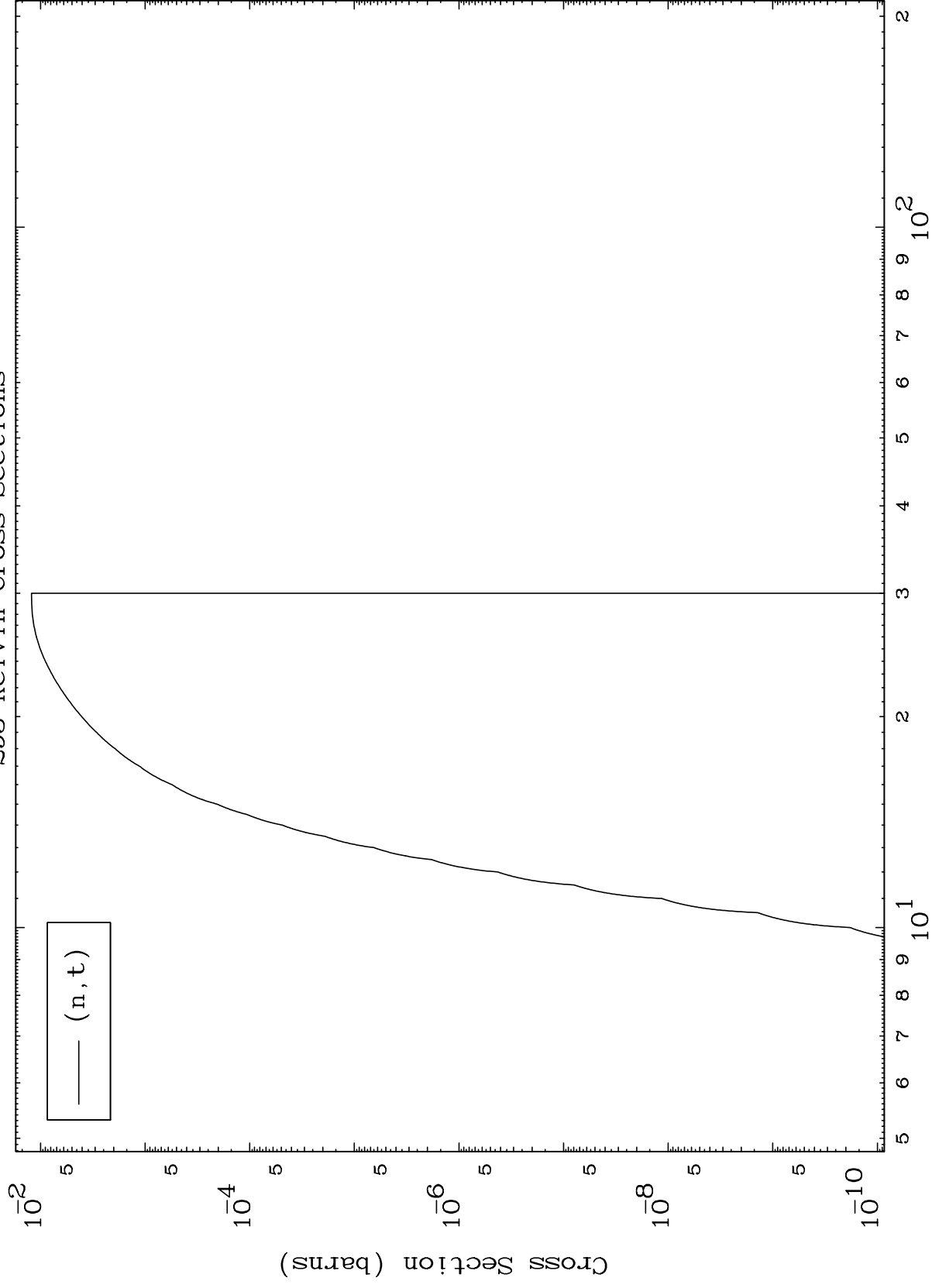
Incident Energy (MeV)

60-Nd-137

MAT 6011

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-137



12

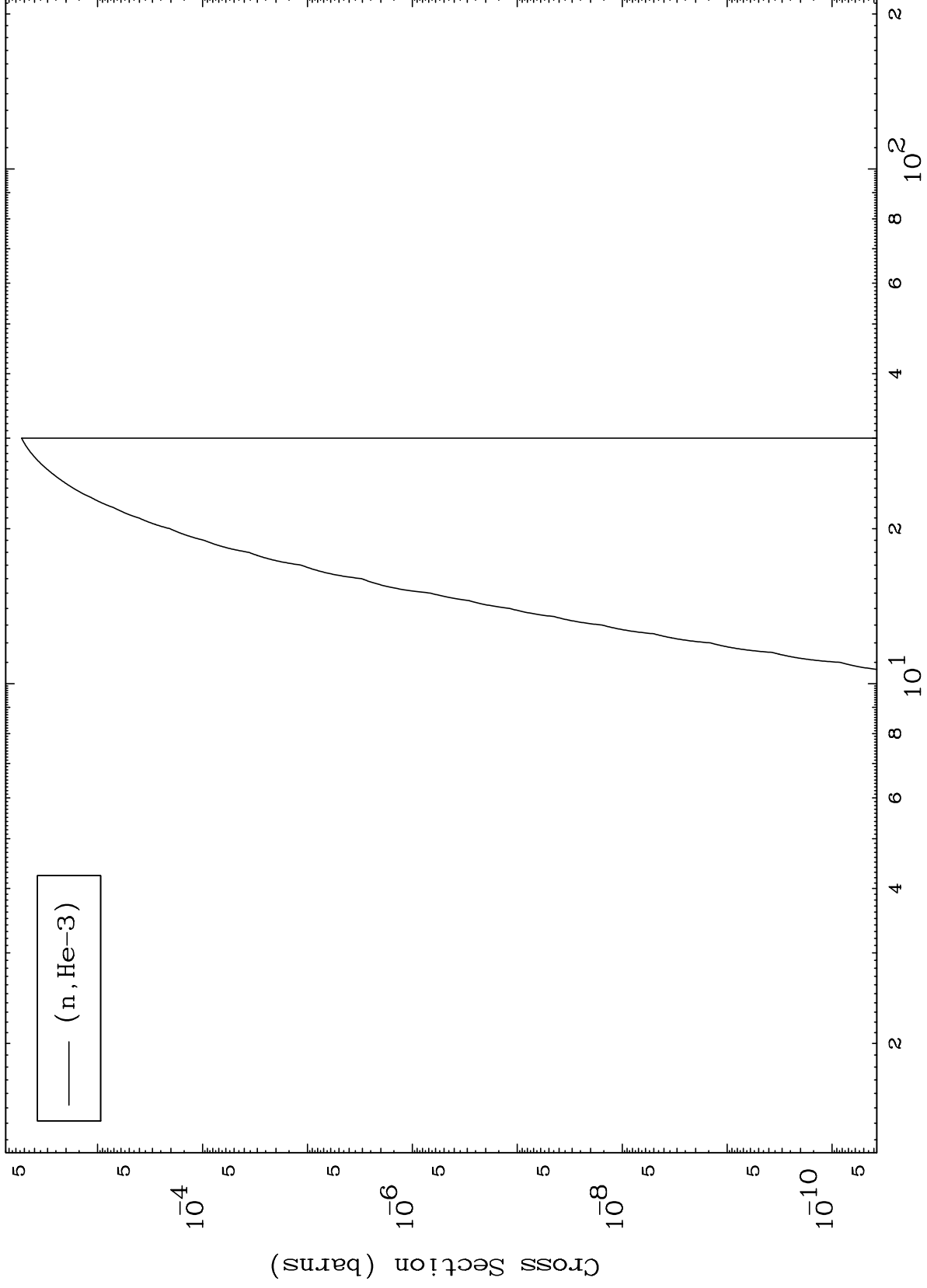
Incident Energy (MeV)

60-Nd-137

MAT 6011

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-137



13

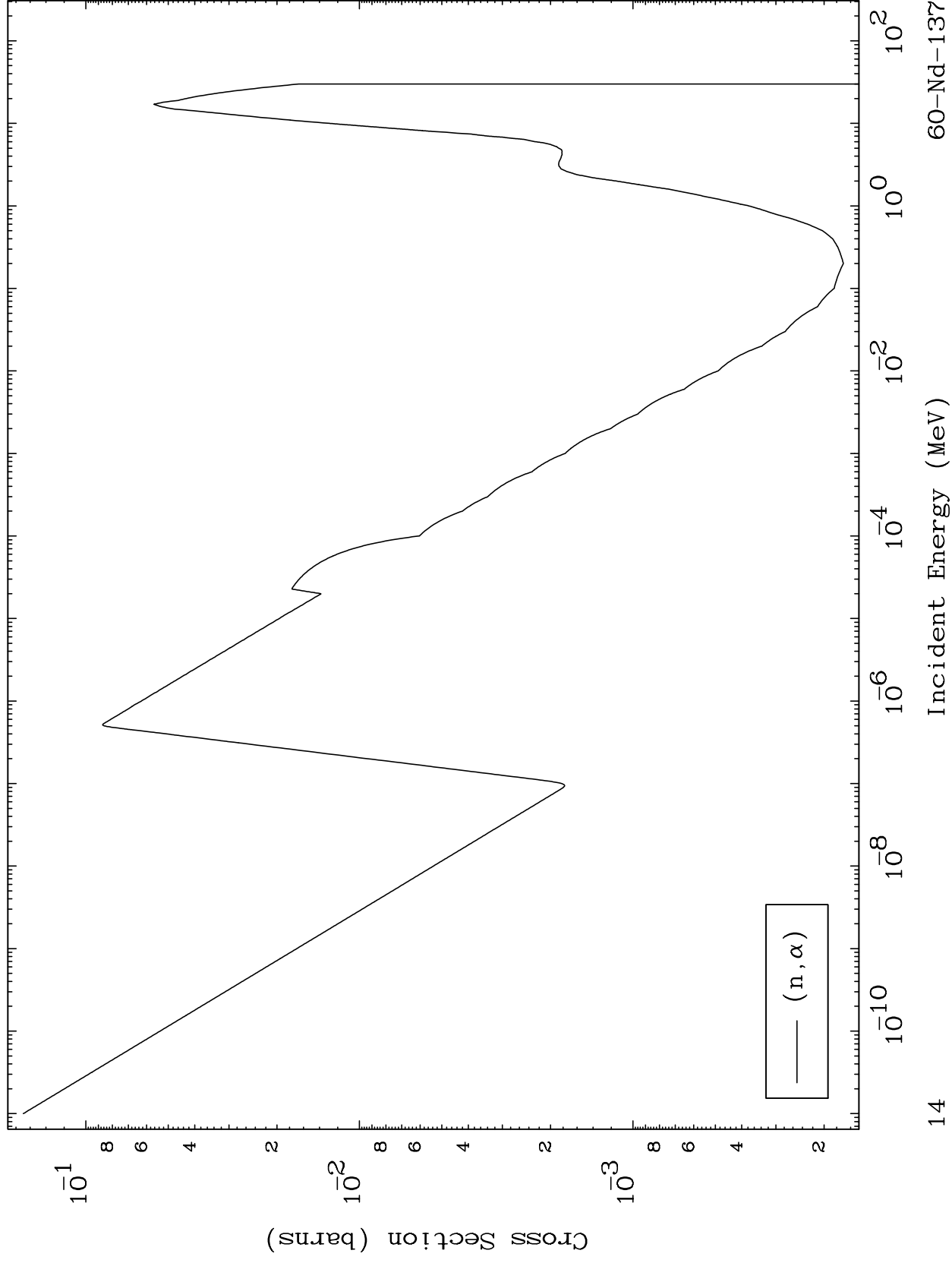
Incident Energy (MeV)

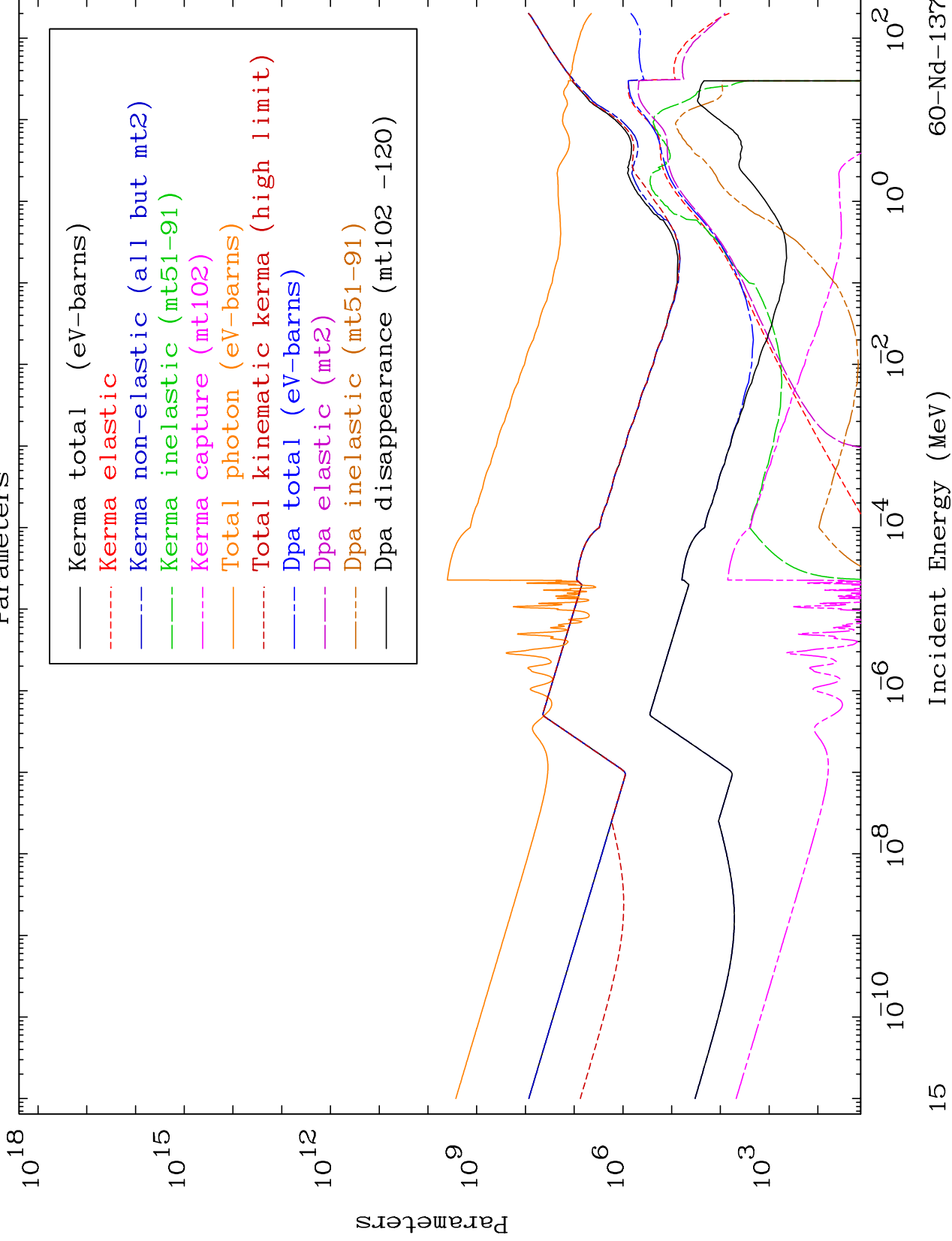
60-Nd-137

MAT 6011

(n, α) Levels
293 Kelvin Cross Sections

60-Nd-137

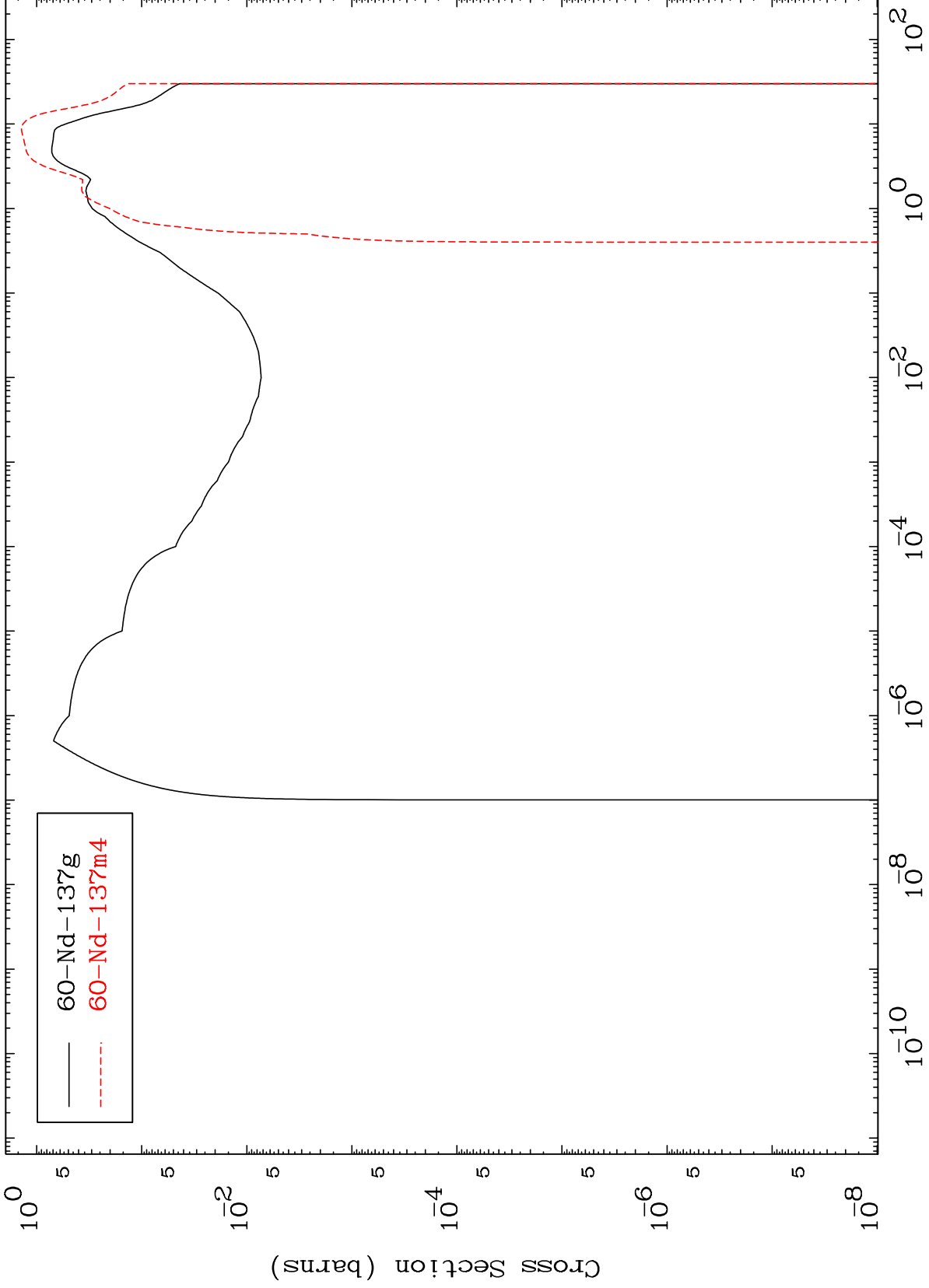




MAT 6011

Inelastic
Radionuclide Production Cross Section

60-Nd-137

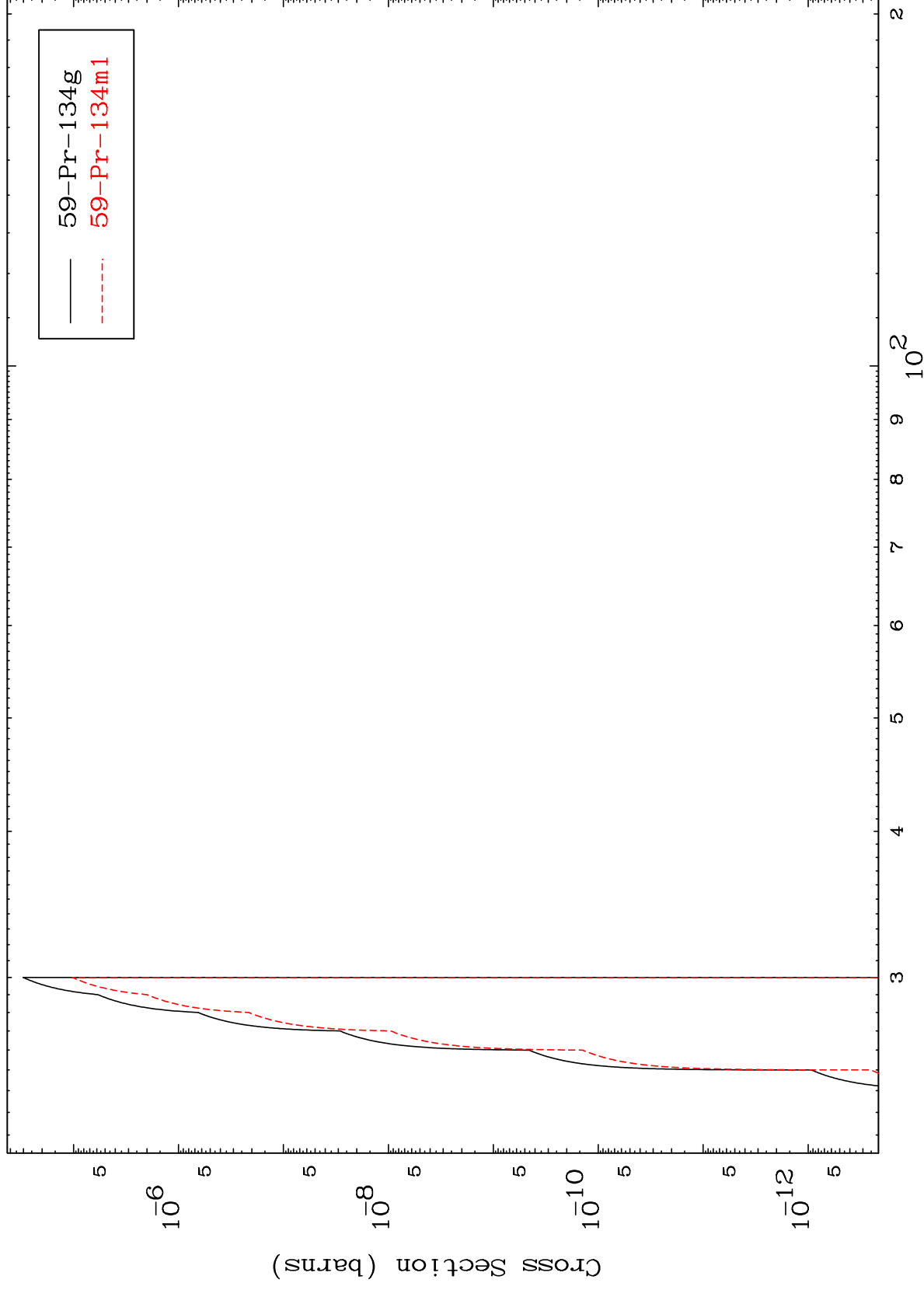


MAT 6011

(n,2n) d

60-Nd-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

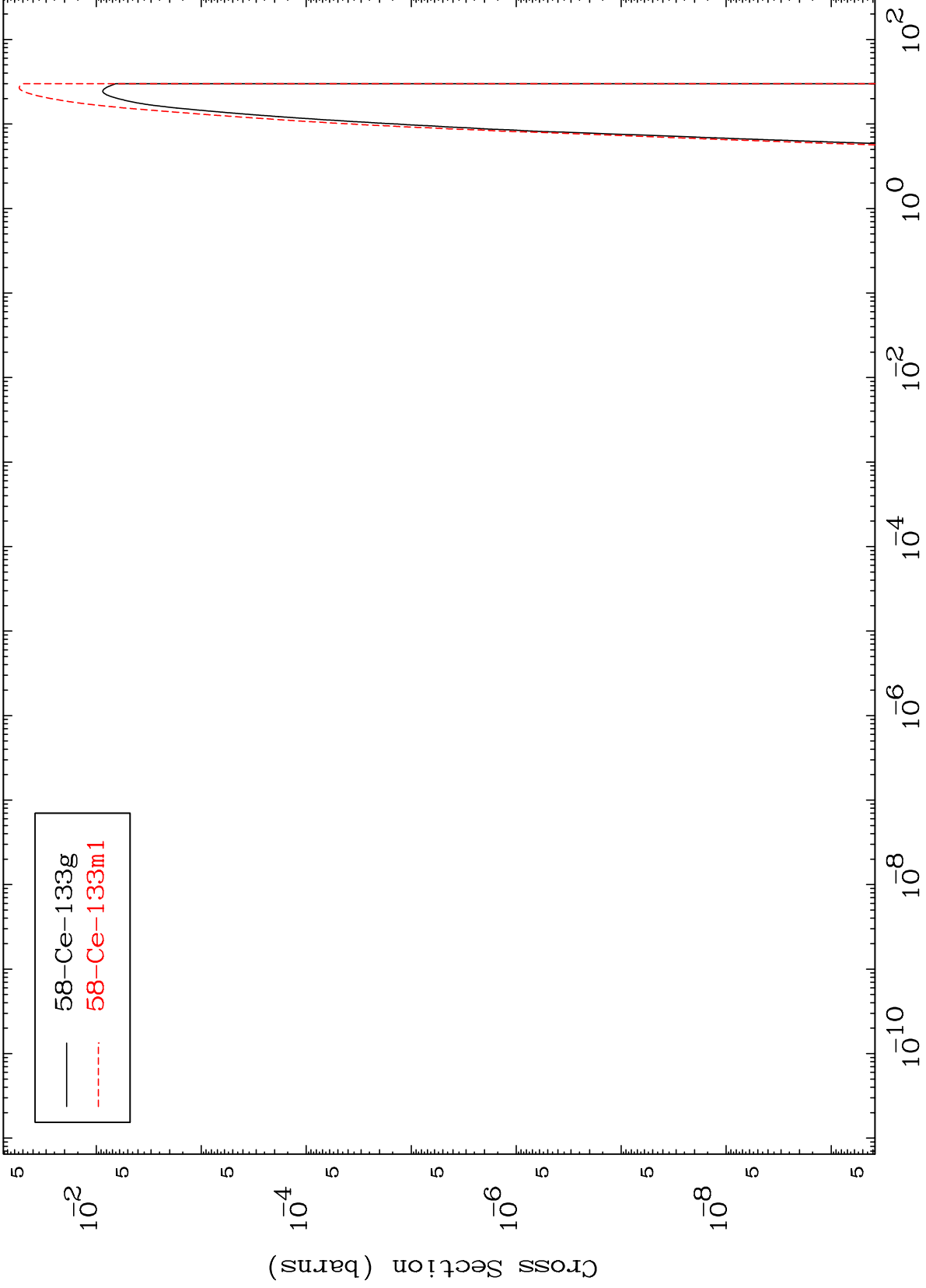
60-Nd-137

MAT 6011

(n, n') α

60-Nd-137

Radionuclide Production Cross Section

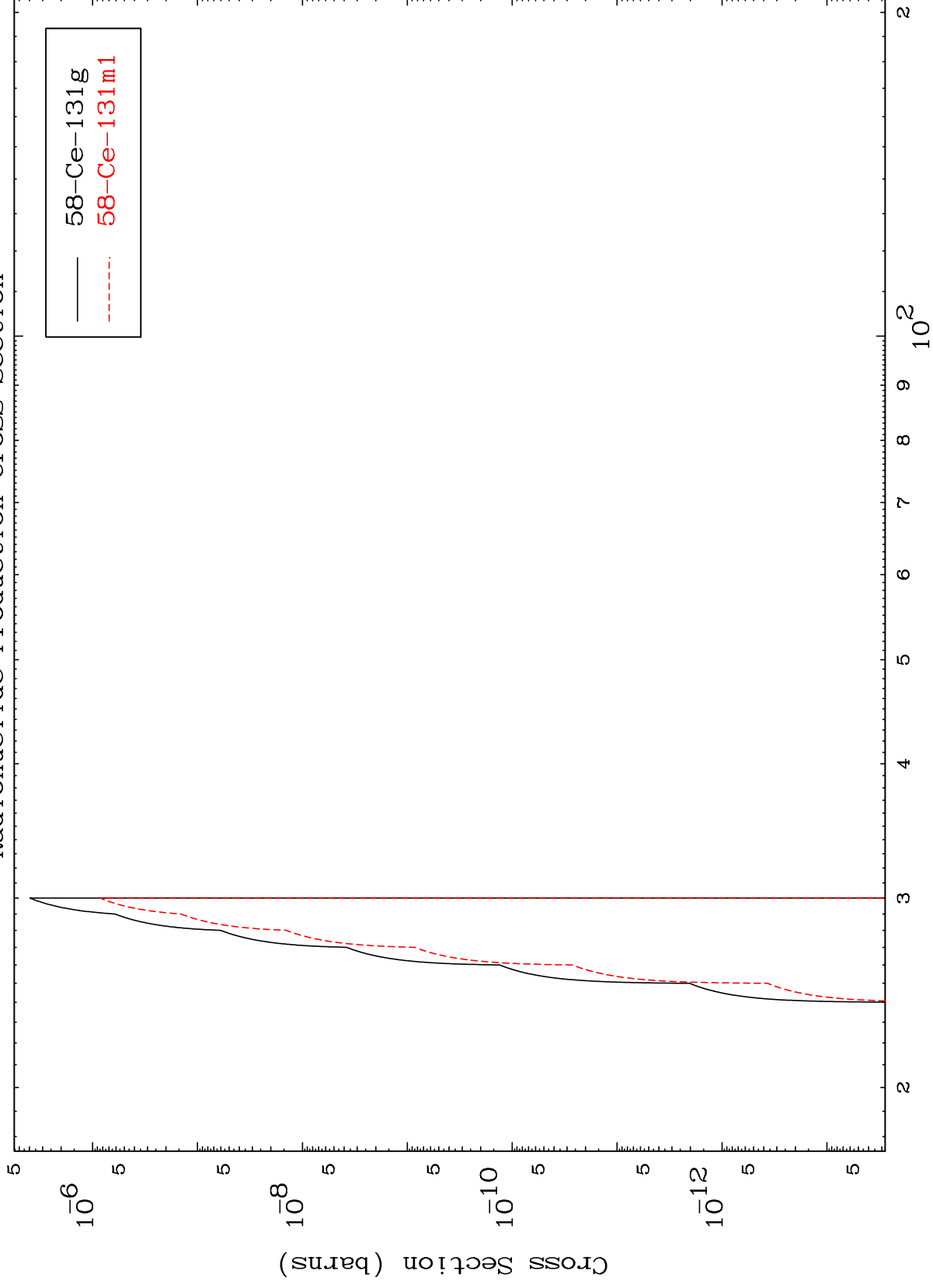


MAT 6011

(n,3n) α

60-Nd-137

Radionuclide Production Cross Section



22

Incident Energy (MeV)

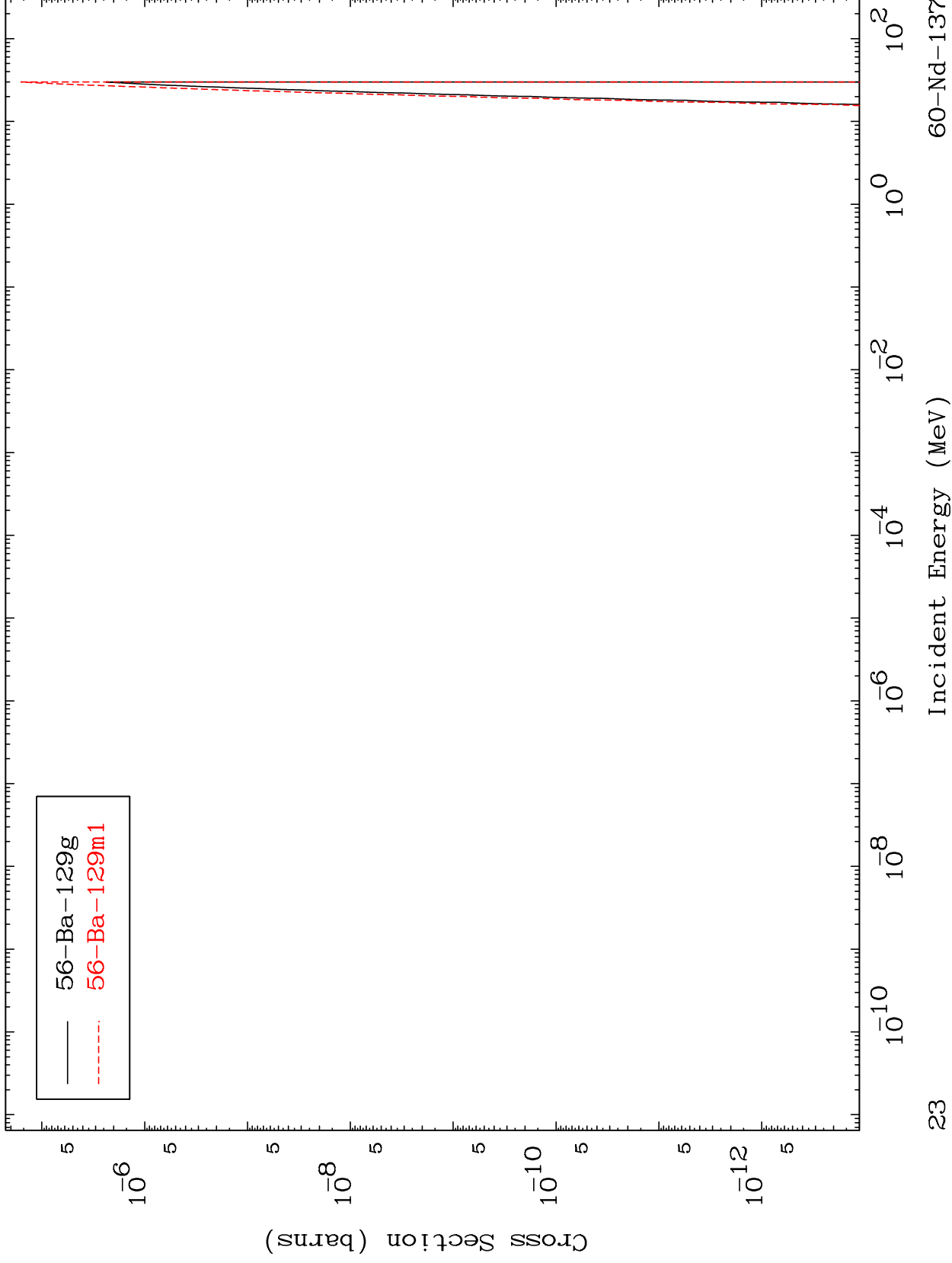
60-Nd-137

MAT 6011

(n,n') 2 α

60-Nd-137

Radionuclide Production Cross Section

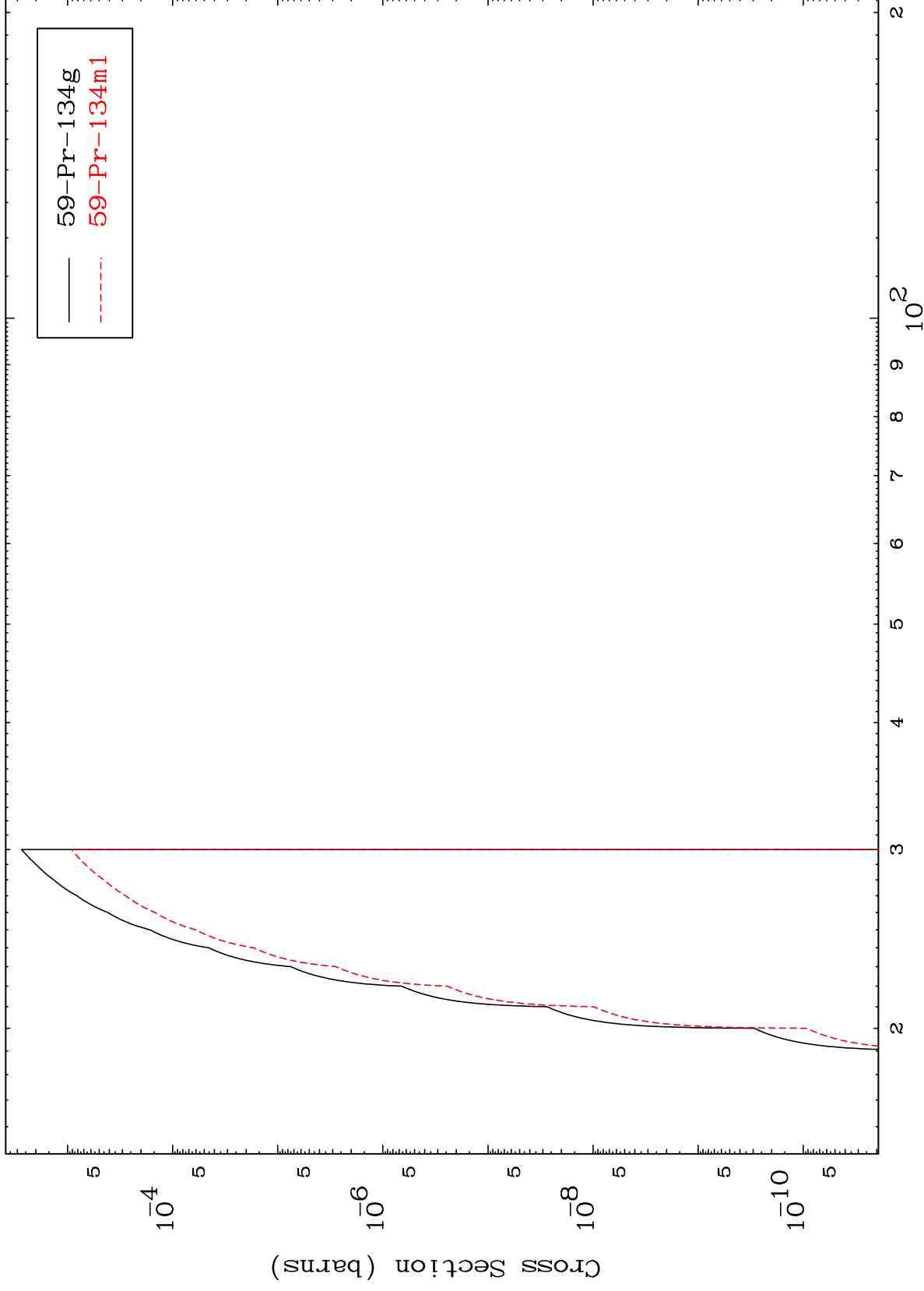


MAT 6011

(n,n') t

60-Nd-137

Radionuclide Production Cross Section

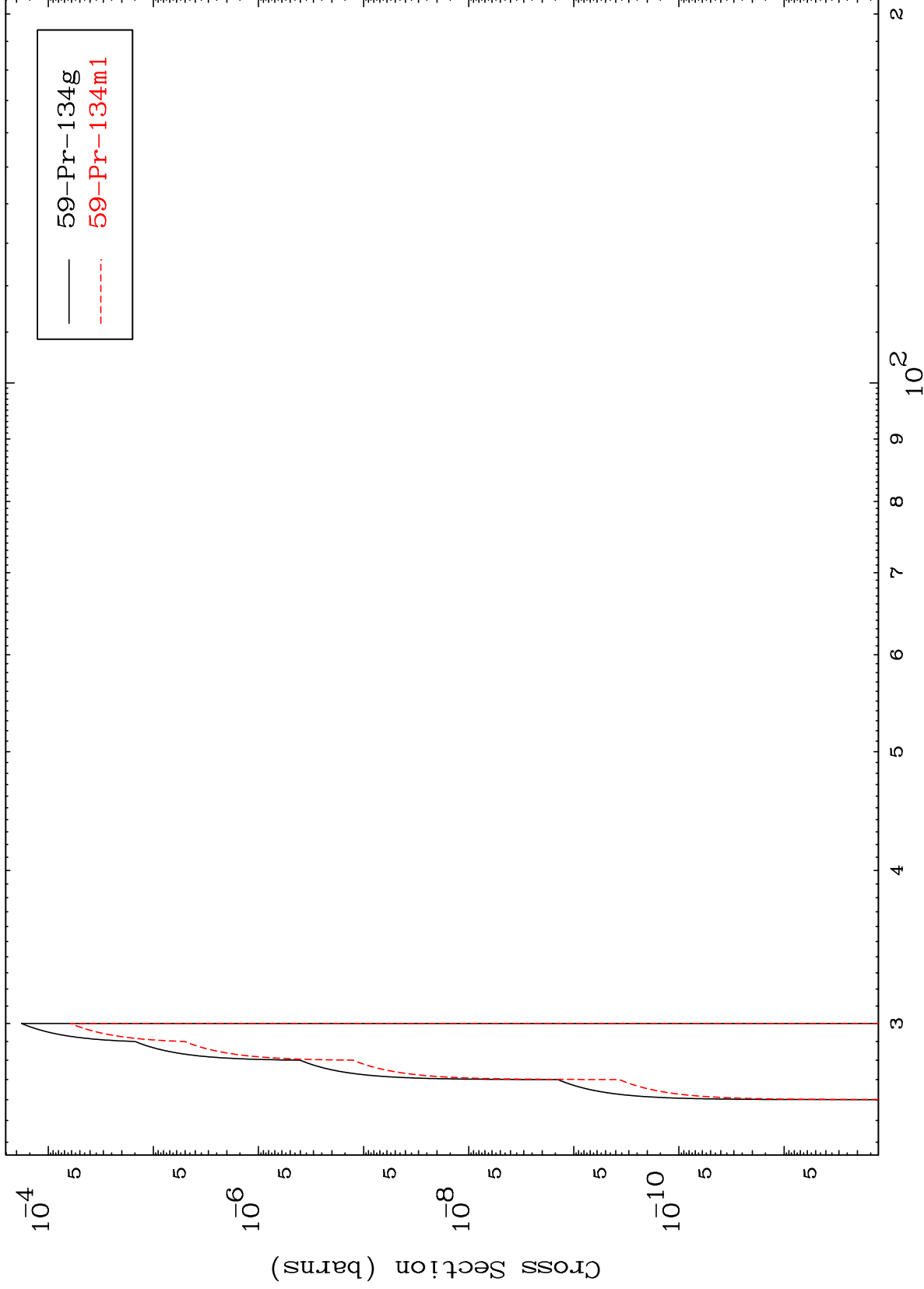


24

Incident Energy (MeV)

60-Nd-137

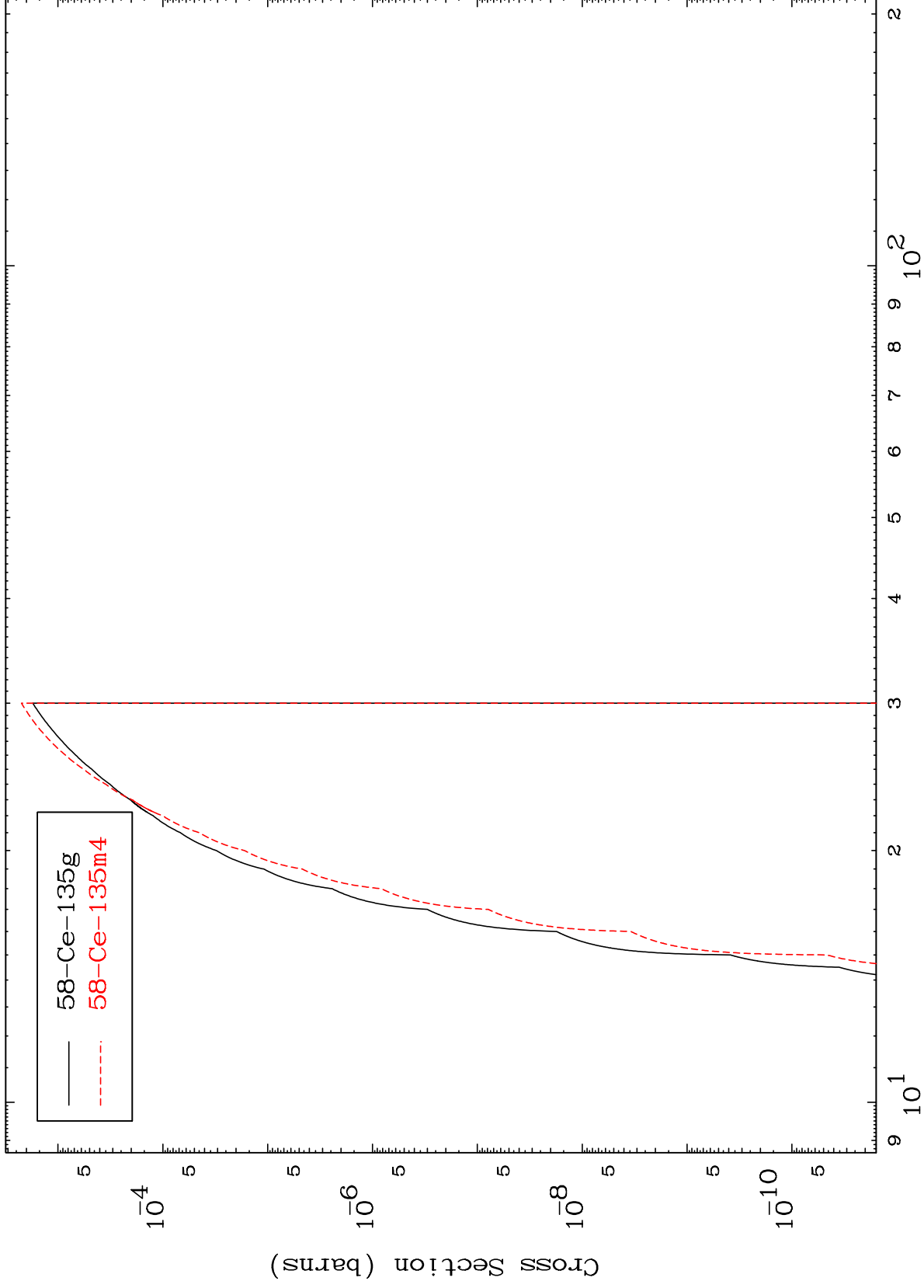
Radionuclide Production Cross Section



MAT 6011

60-Nd-137

(n,2n) p
Radionuclide Production Cross Section



Incident Energy (MeV)

60-Nd-137

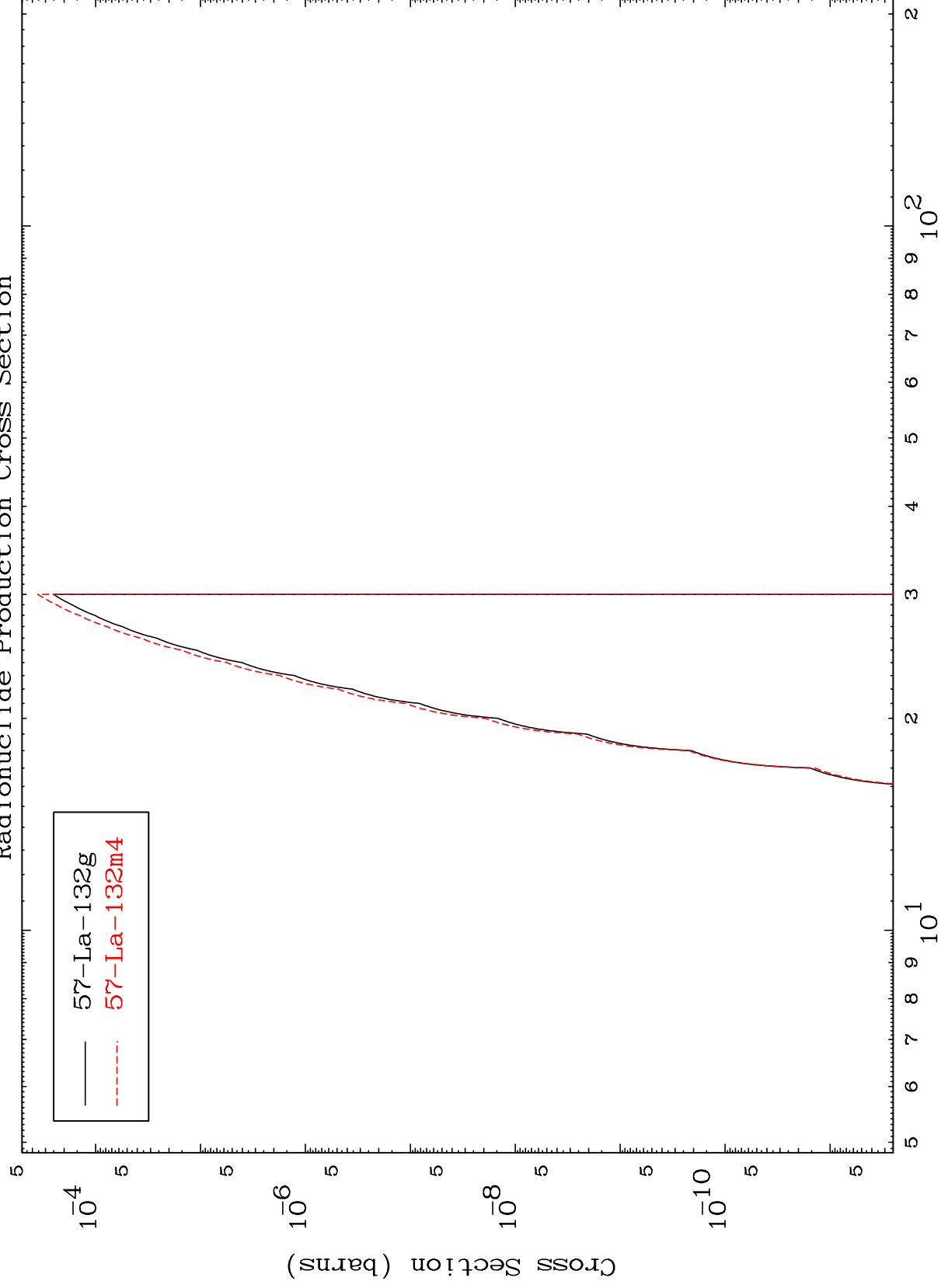
26

MAT 6011

(n,n') p α

60-Nd-137

Radionuclide Production Cross Section



27

Incident Energy (MeV)

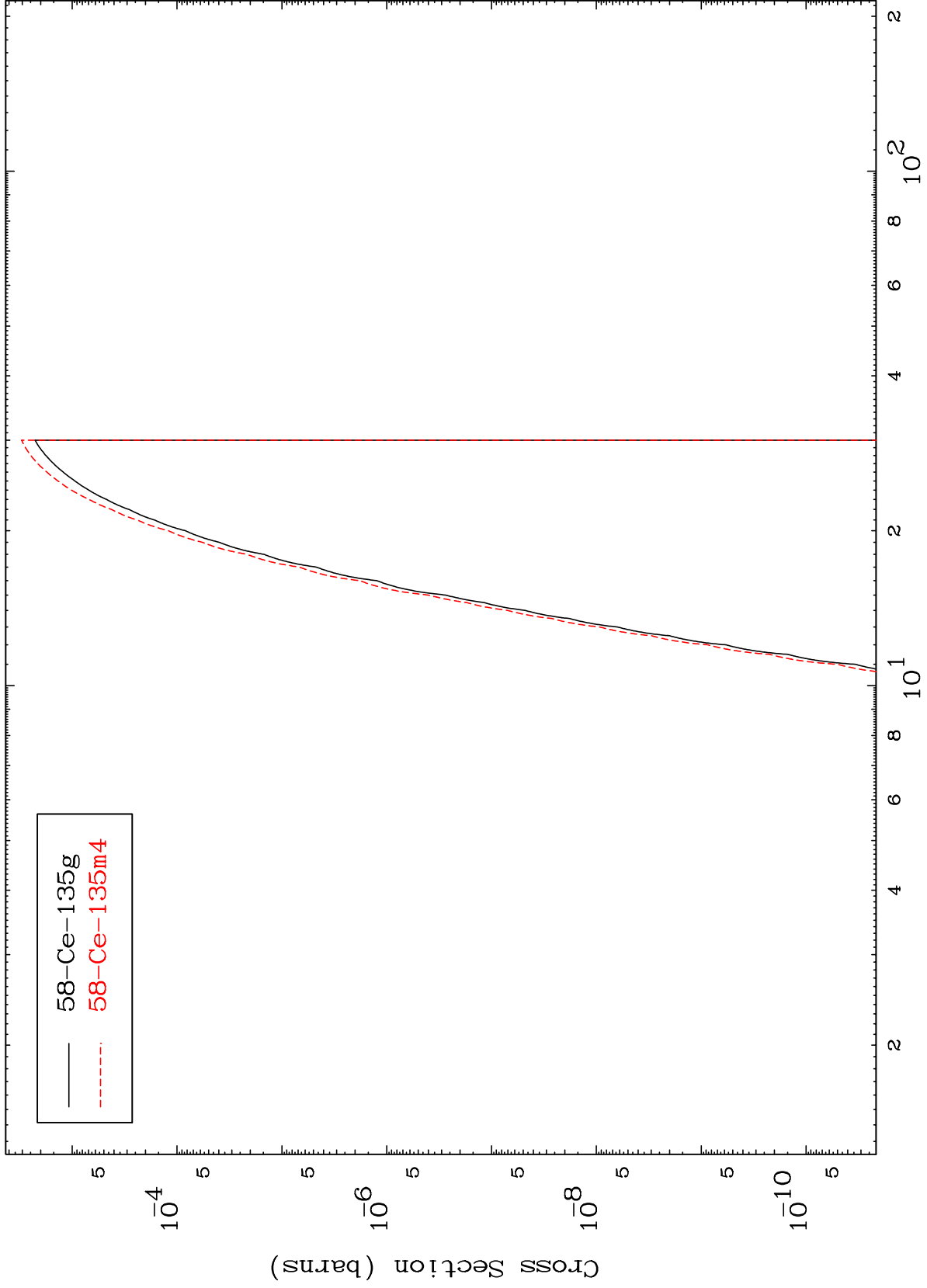
60-Nd-137

MAT 6011

(n,He-3)

60-Nd-137

Radionuclide Production Cross Section



28

Incident Energy (MeV)

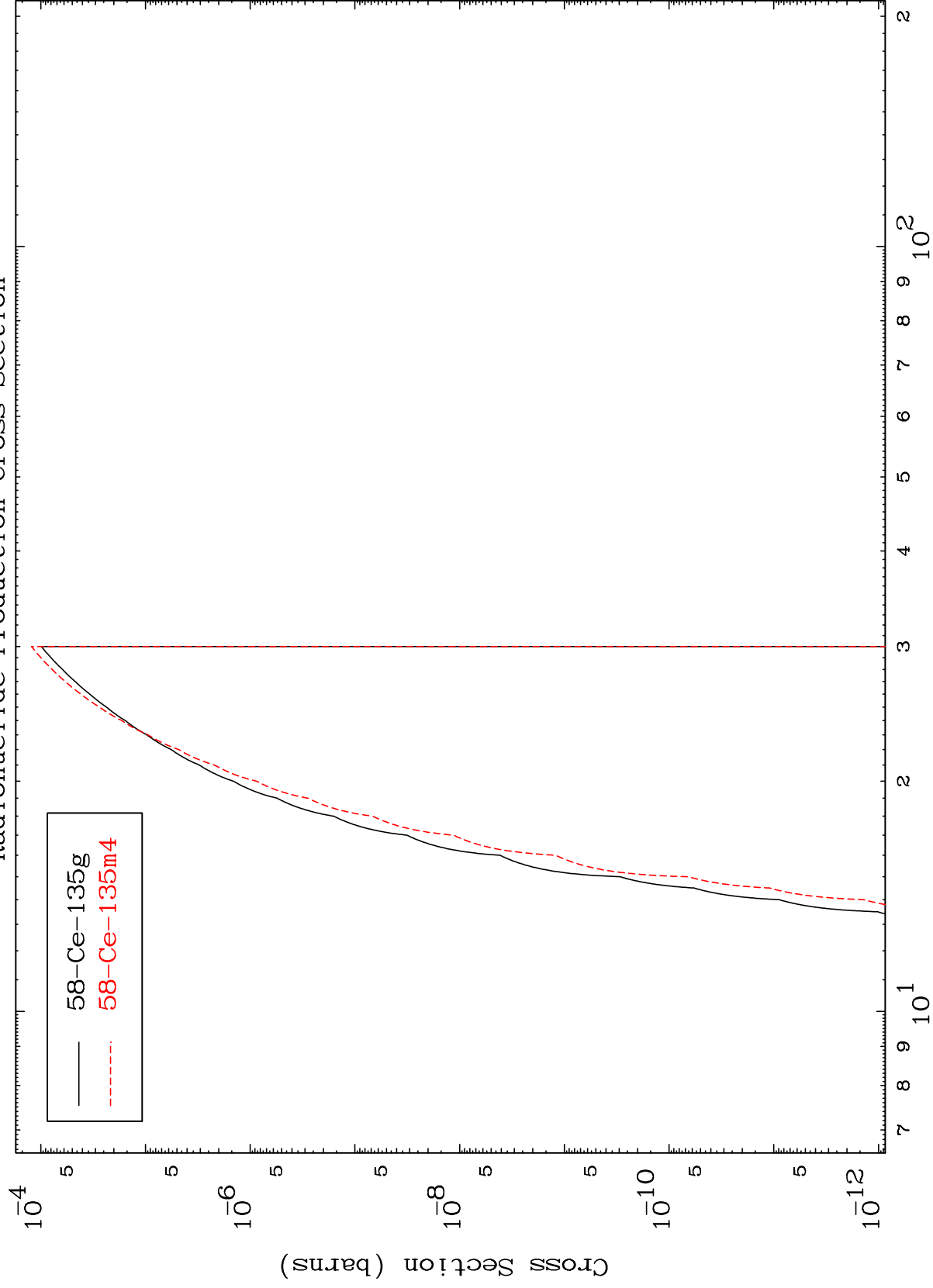
60-Nd-137

MAT 6011

(n,p) d

60-Nd-137

Radionuclide Production Cross Section



29

Incident Energy (MeV)

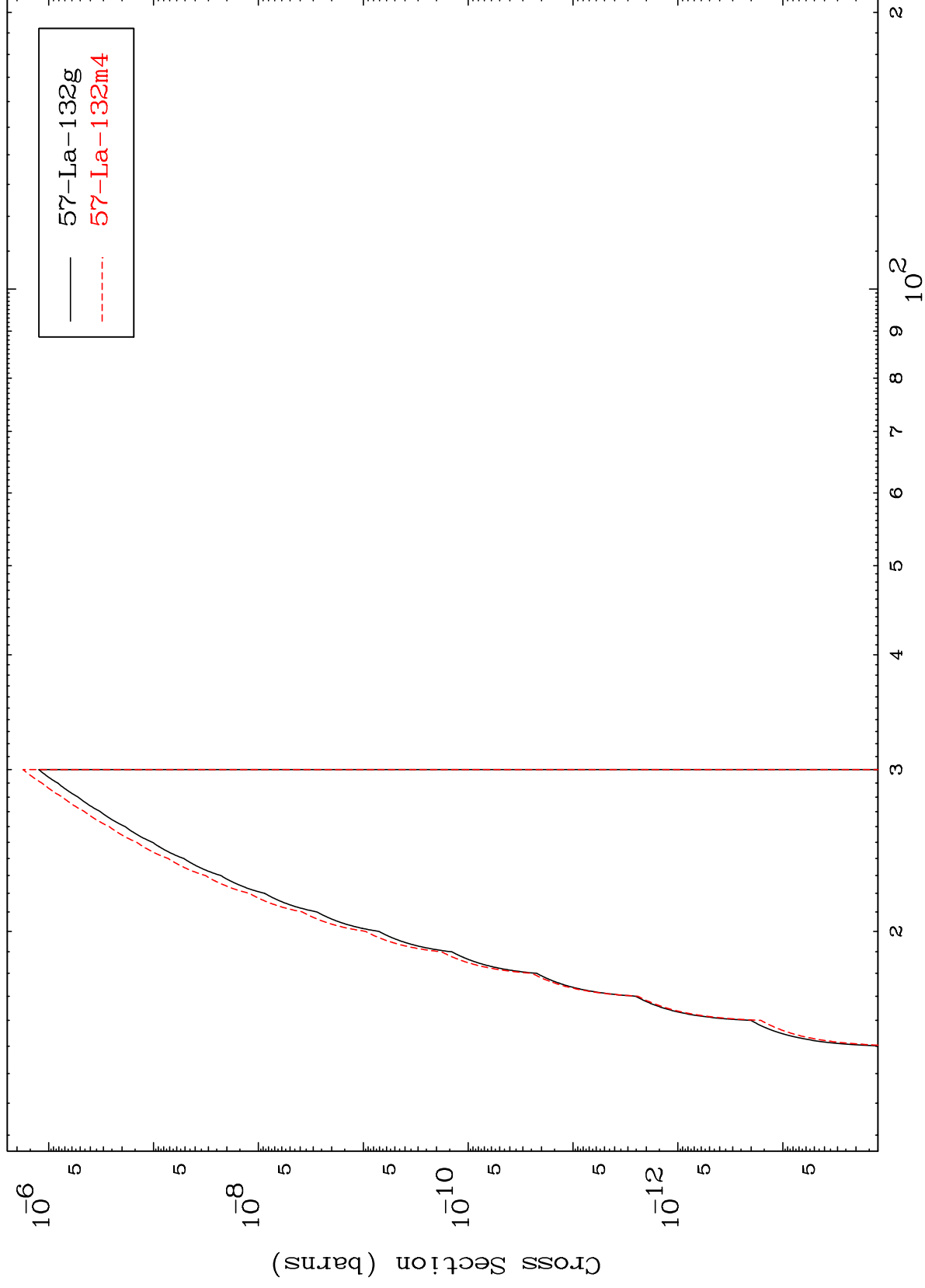
60-Nd-137

MAT 6011

(n,d) α

60-Nd-137

Radionuclide Production Cross Section



30

Incident Energy (MeV)

60-Nd-137