

Program EVALPLOT
(Version 2018-1)

by

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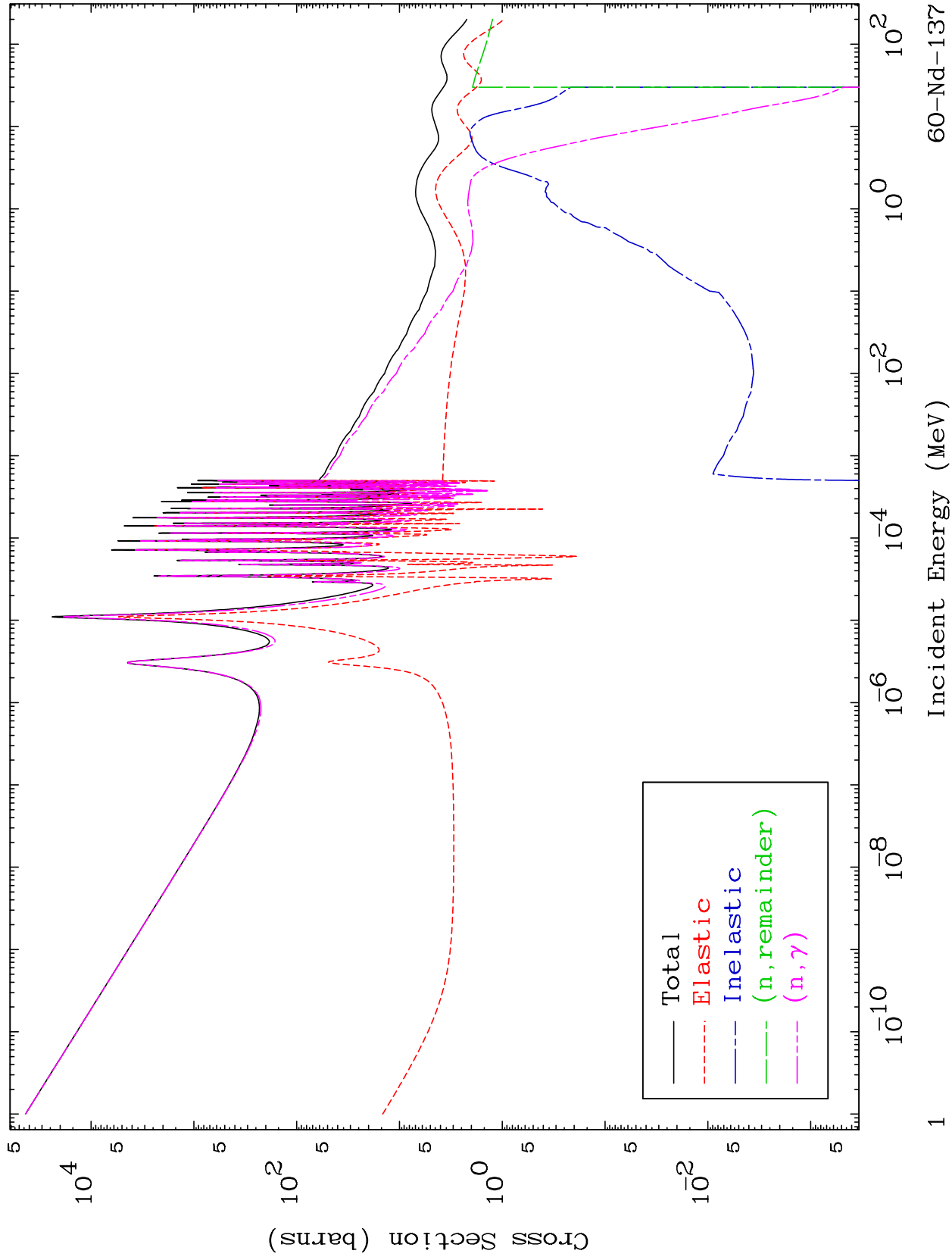
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6011

Major
293 Kelvin Cross Sections

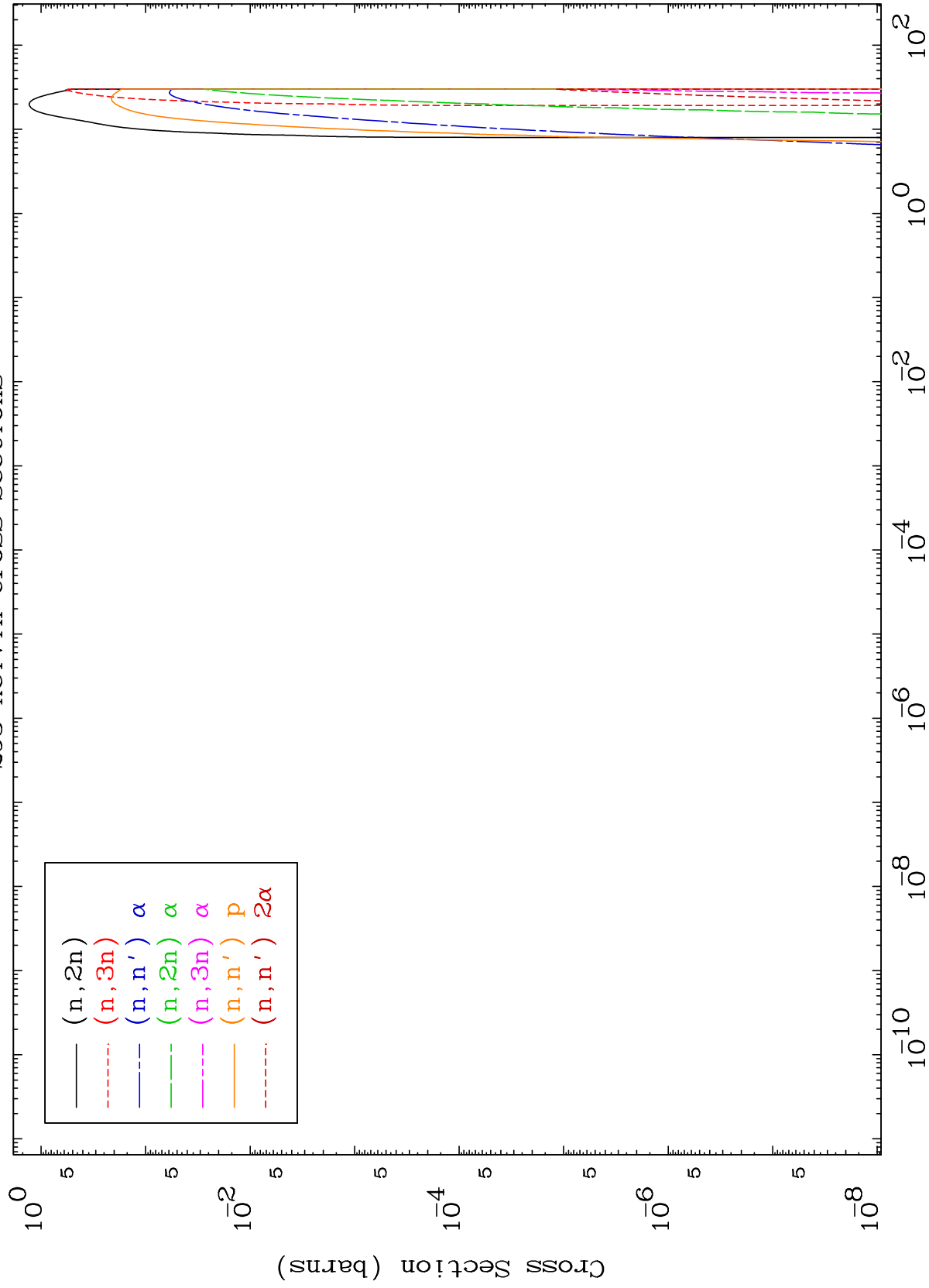
60-Nd-137



MAT 6011

Neutron Production
293 Kelvin Cross Sections

60-Nd-137



2

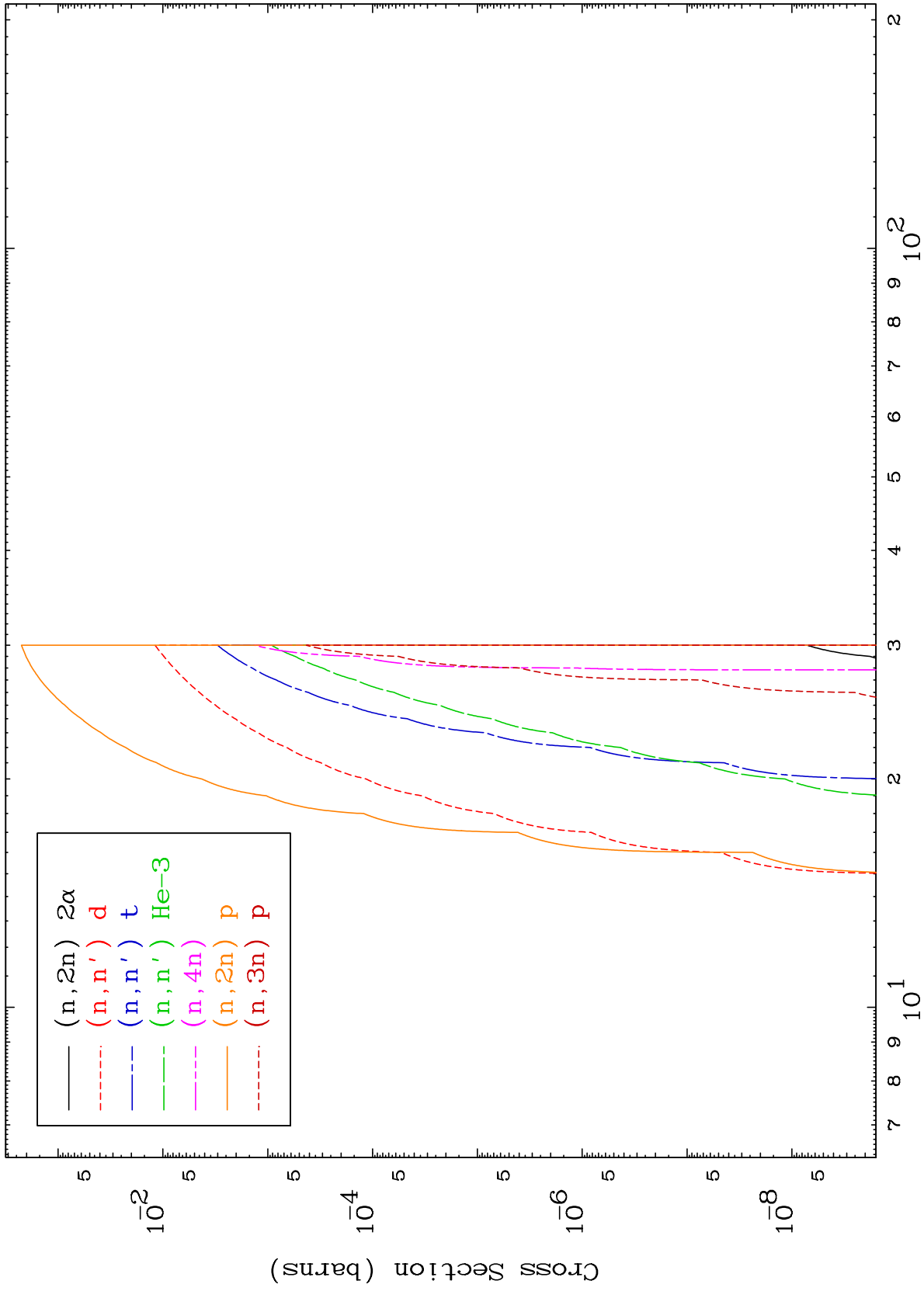
Incident Energy (MeV)

60-Nd-137

MAT 6011

Neutron Production
293 Kelvin Cross Sections

60-Nd-137



3

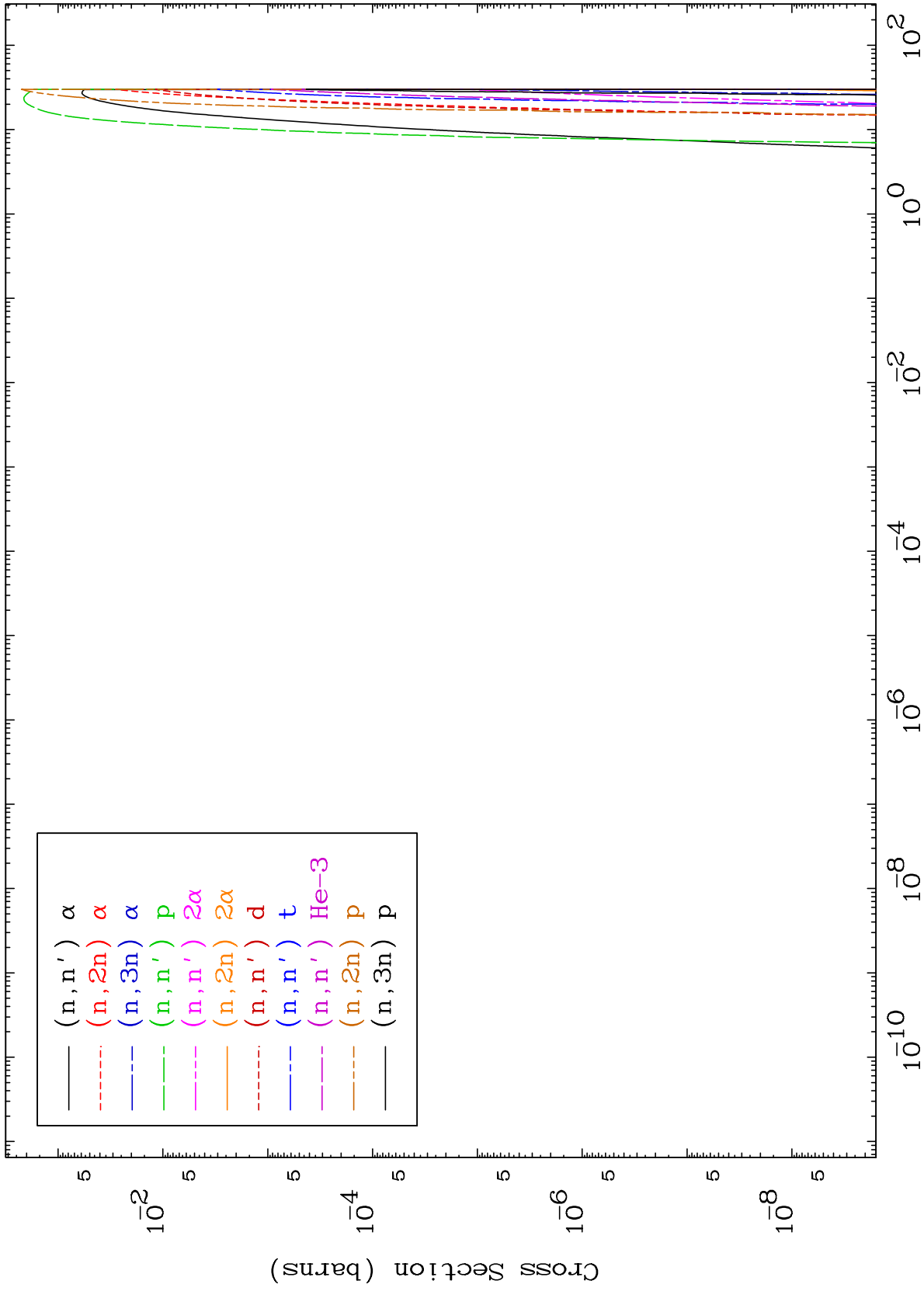
Incident Energy (MeV)

60-Nd-137

MAT 6011

Charged Particle
293 Kelvin Cross Sections

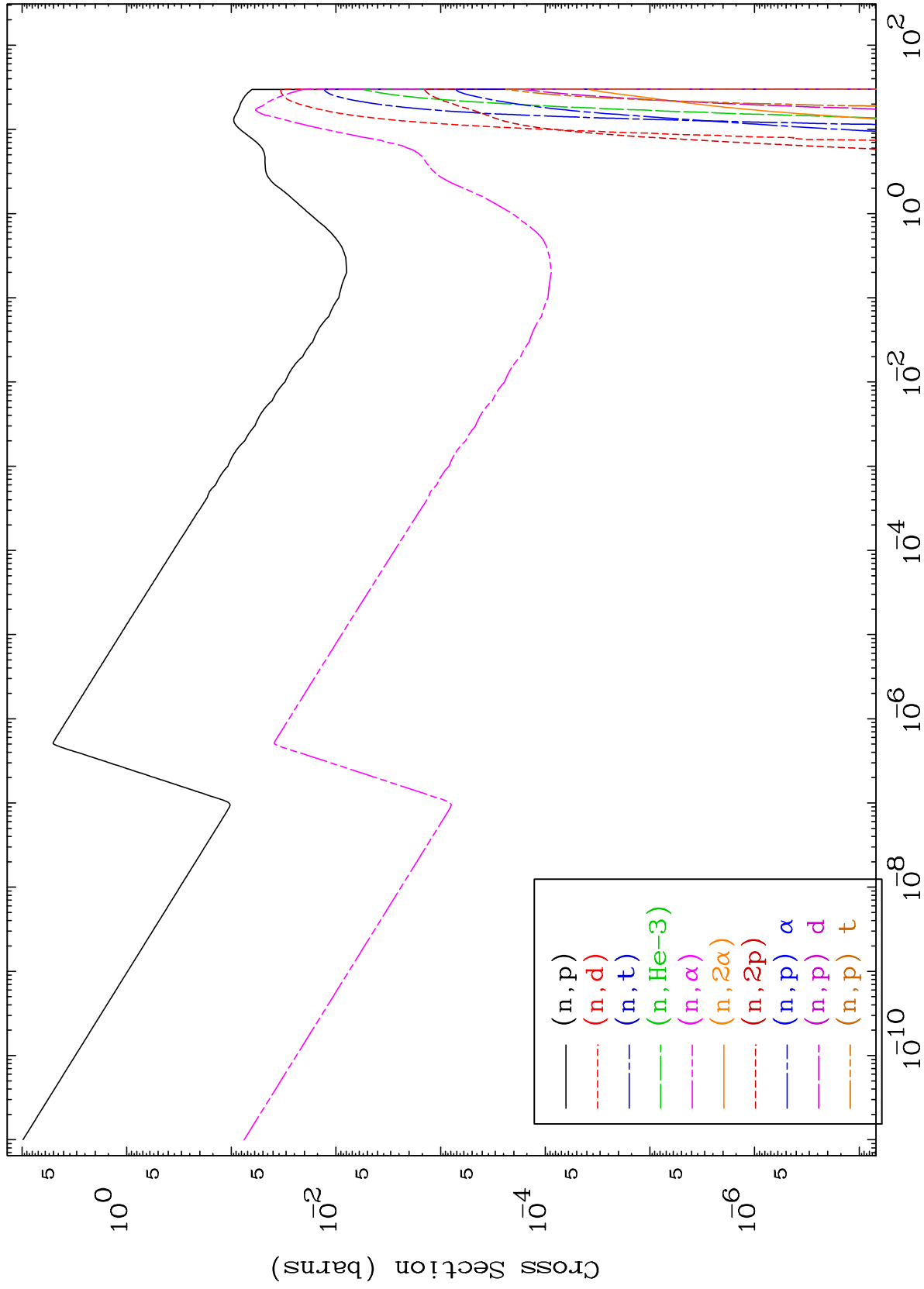
60-Nd-137



MAT 6011

Charged Particle
293 Kelvin Cross Sections

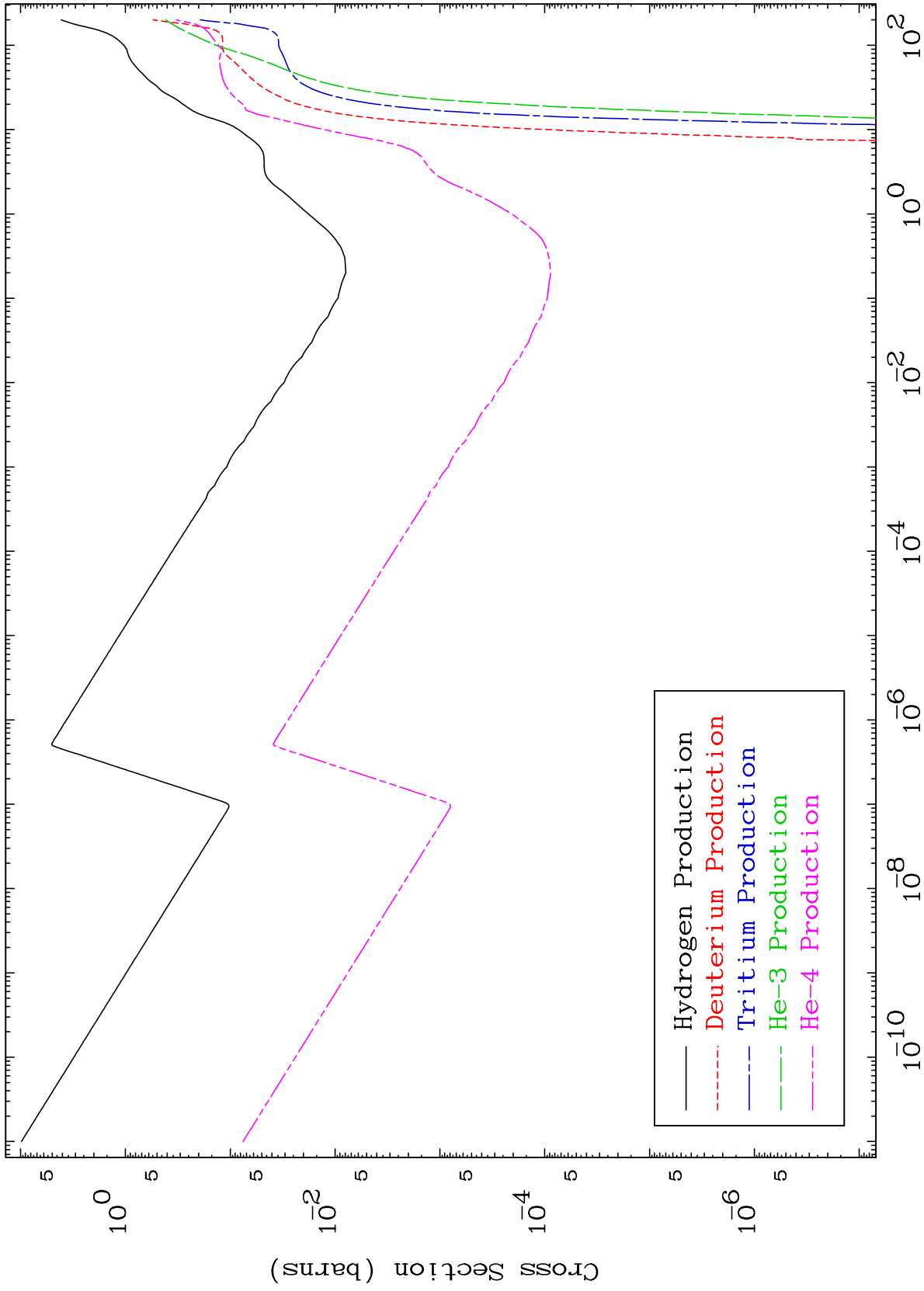
60-Nd-137



MAT 6011

Particle Production
293 Kelvin Cross Sections

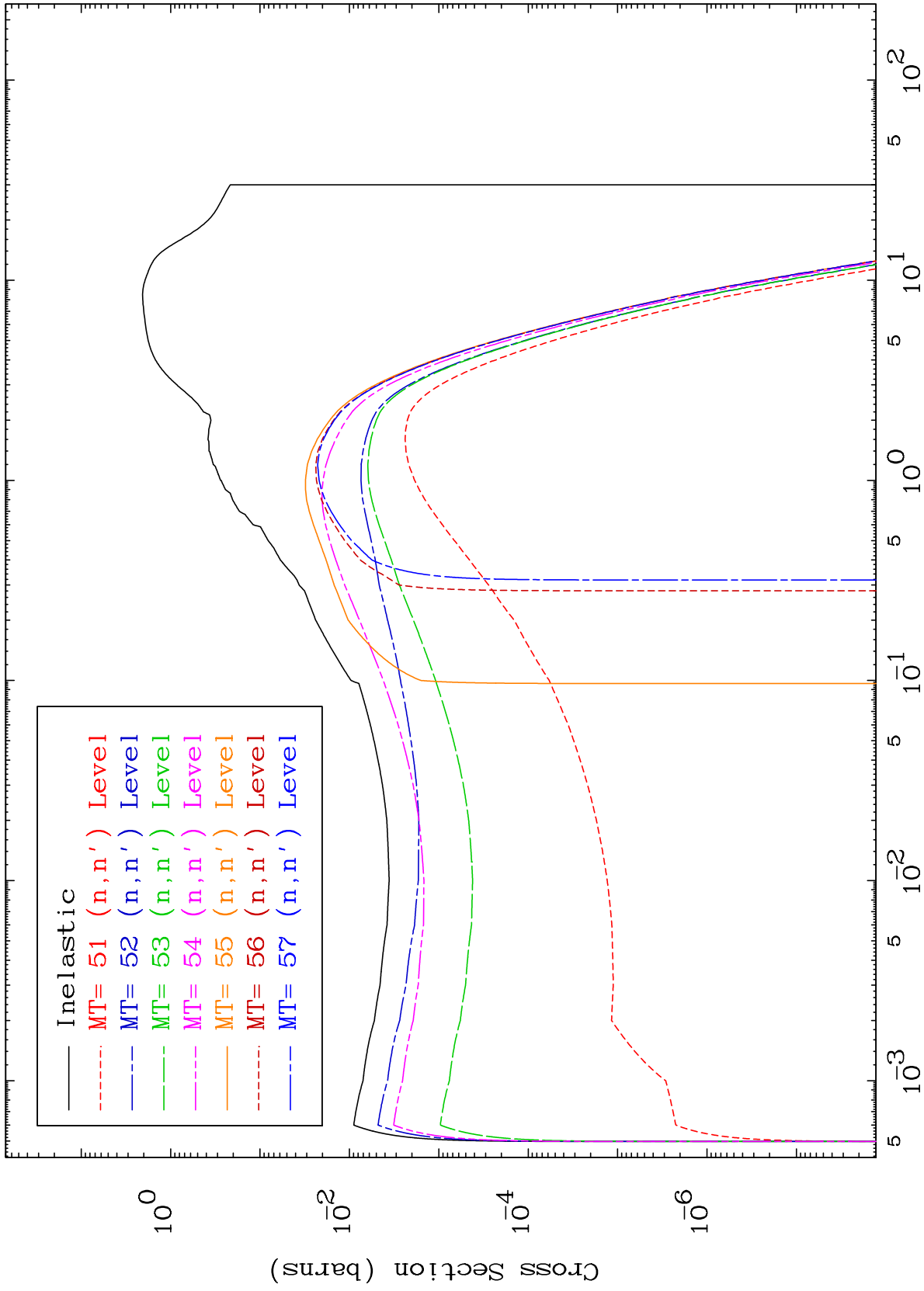
60-Nd-137



MAT 6011

(n,n') Level
293 Kelvin Cross Sections

60-Nd-137



7

Incident Energy (MeV)

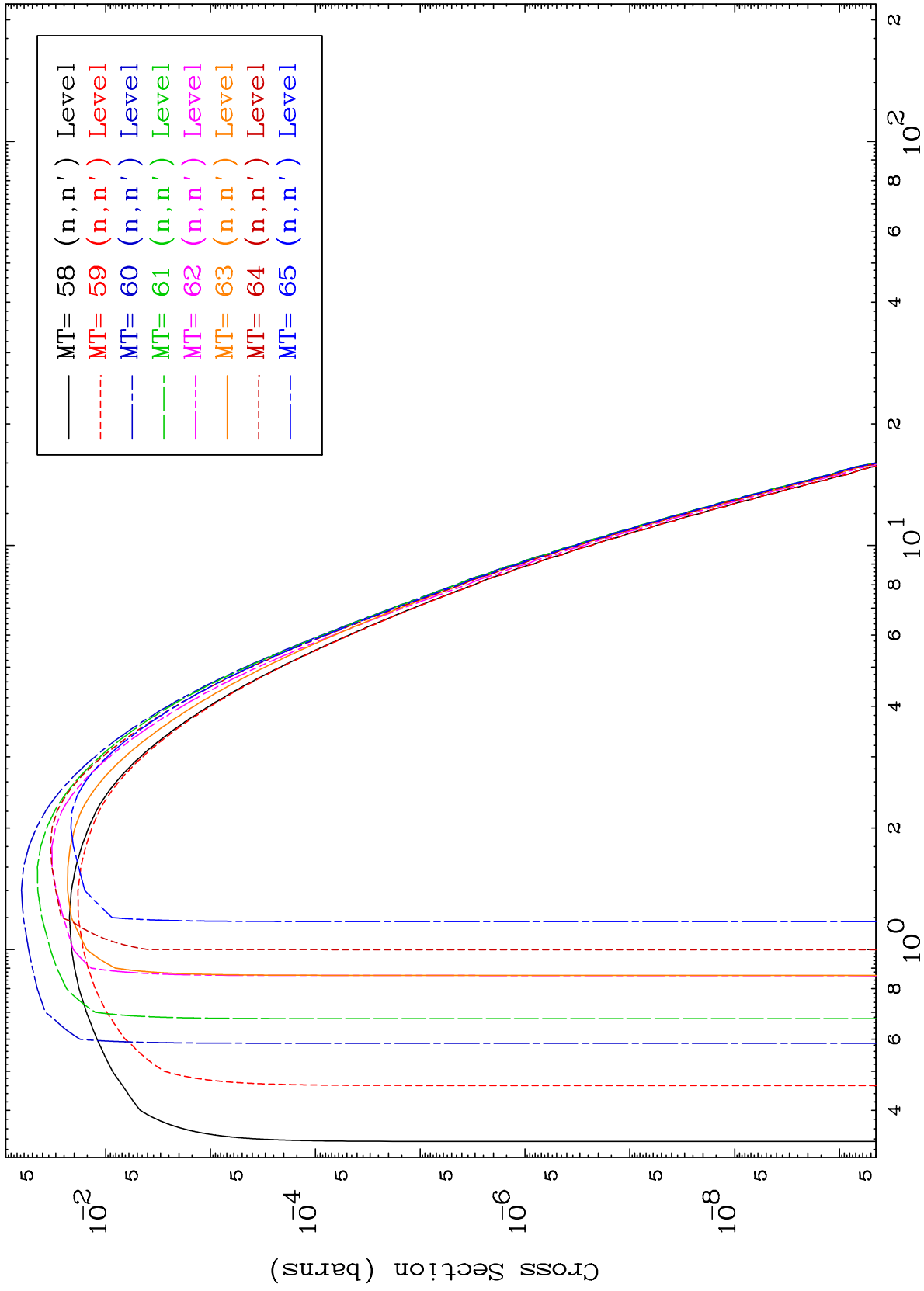
60-Nd-137

MAT 6011

(n,n') Level

60-Nd-137

293 Kelvin Cross Sections



8

Incident Energy (MeV)

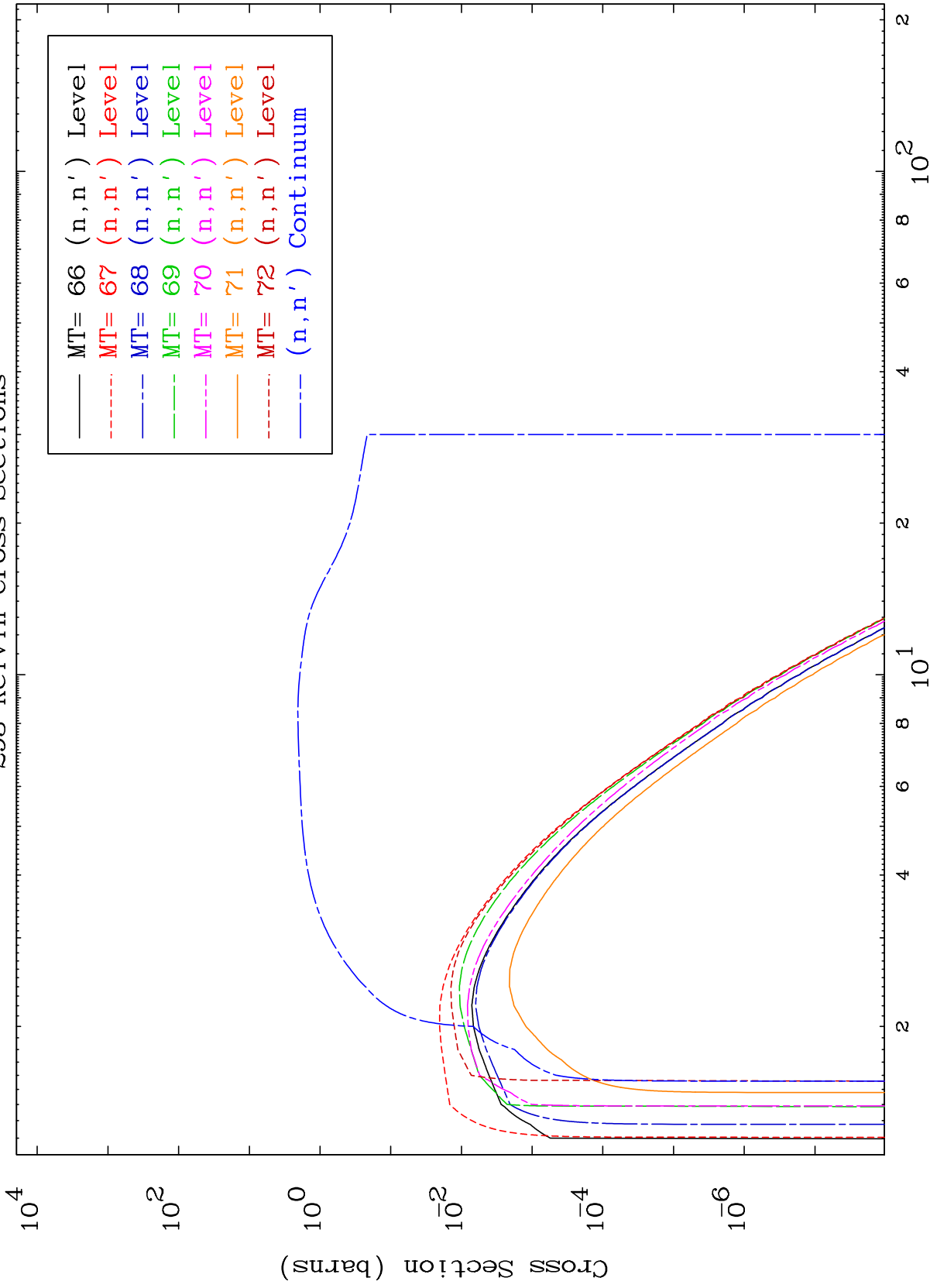
60-Nd-137

MAT 6011

(n,n') Level

60-Nd-137

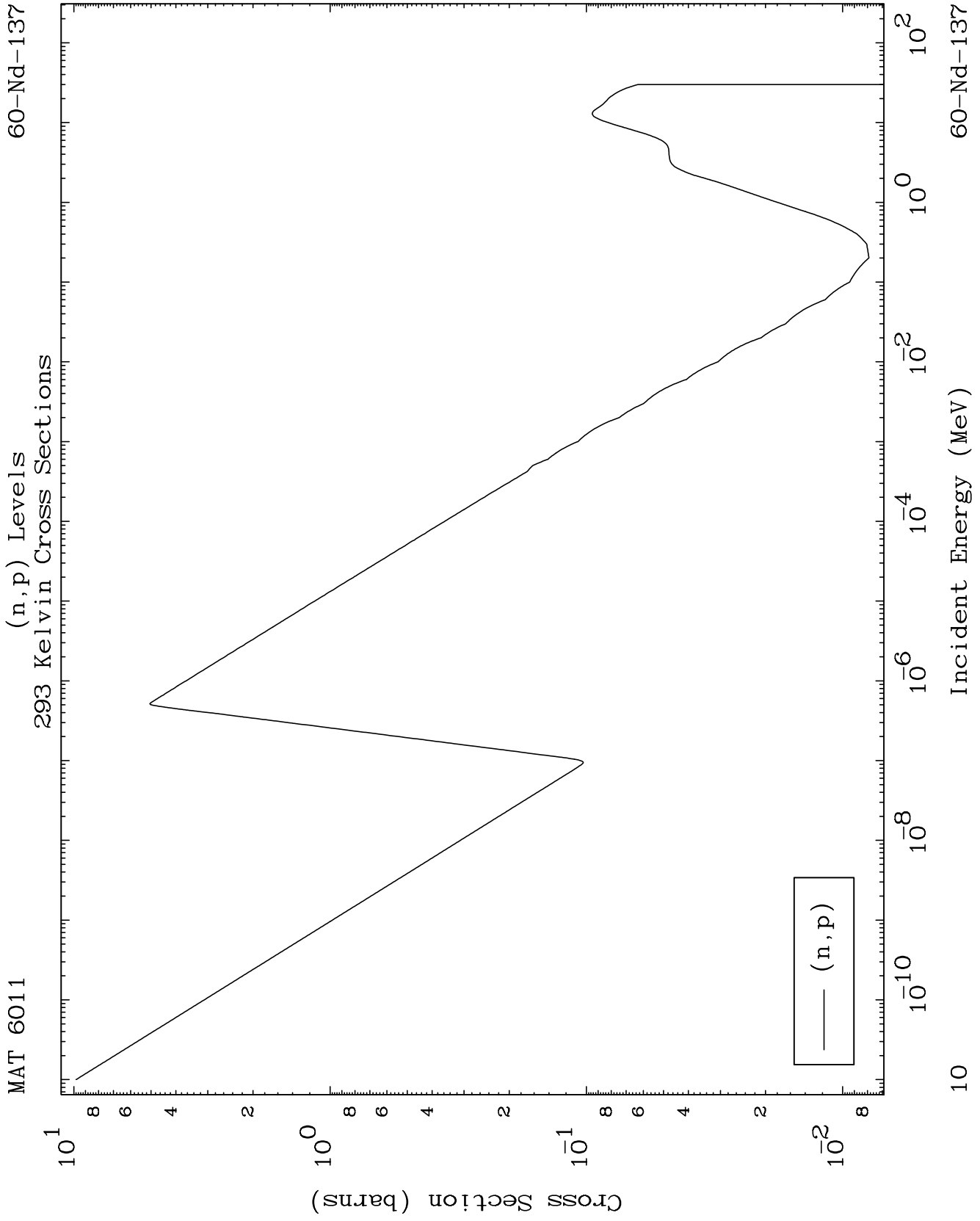
293 Kelvin Cross Sections



9

Incident Energy (MeV)

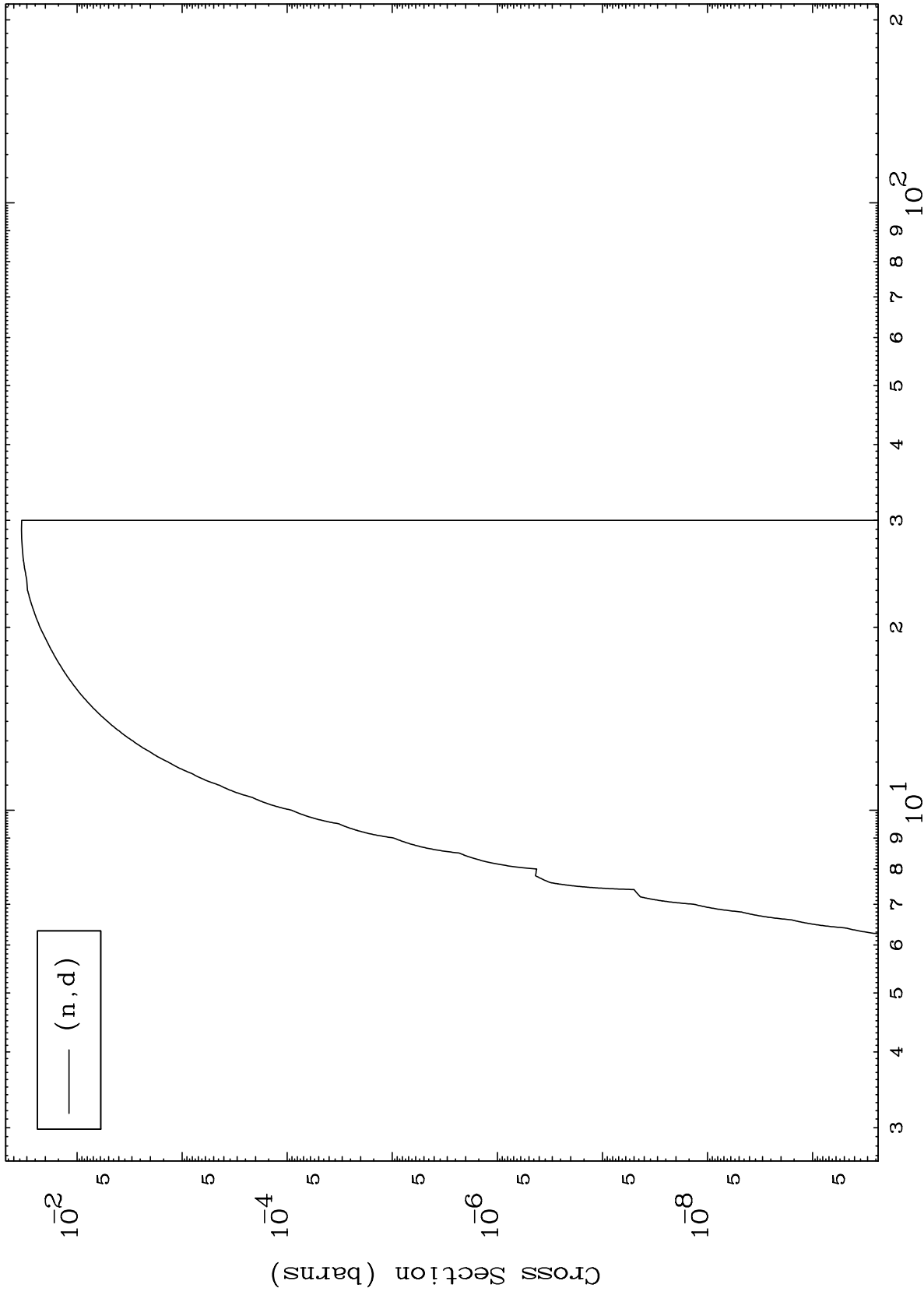
60-Nd-137



MAT 6011

(n,d) Levels
293 Kelvin Cross Sections

60-Nd-137



11

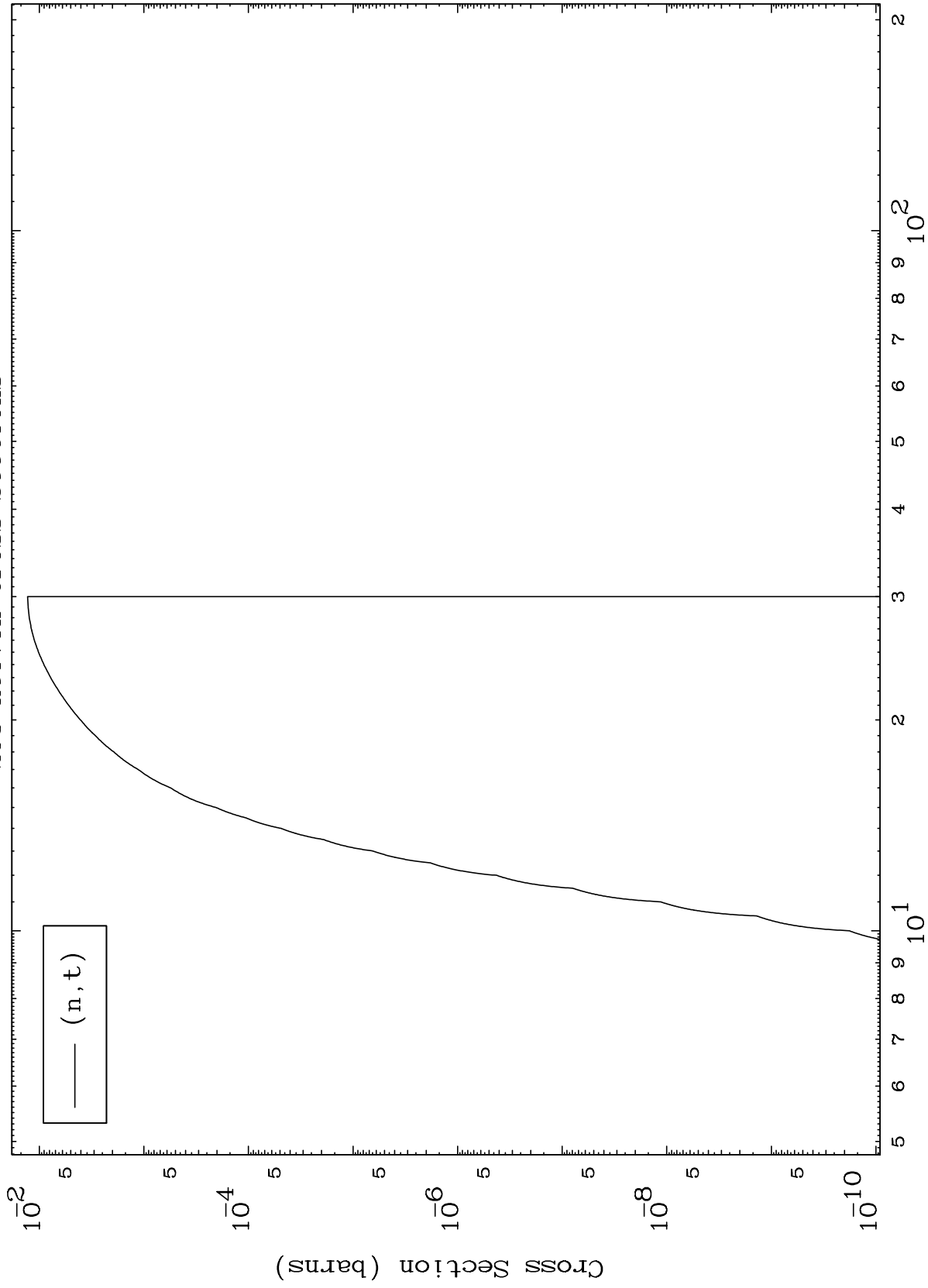
Incident Energy (MeV)

60-Nd-137

MAT 6011

60-Nd-137

(n,t) Levels
293 Kelvin Cross Sections



12

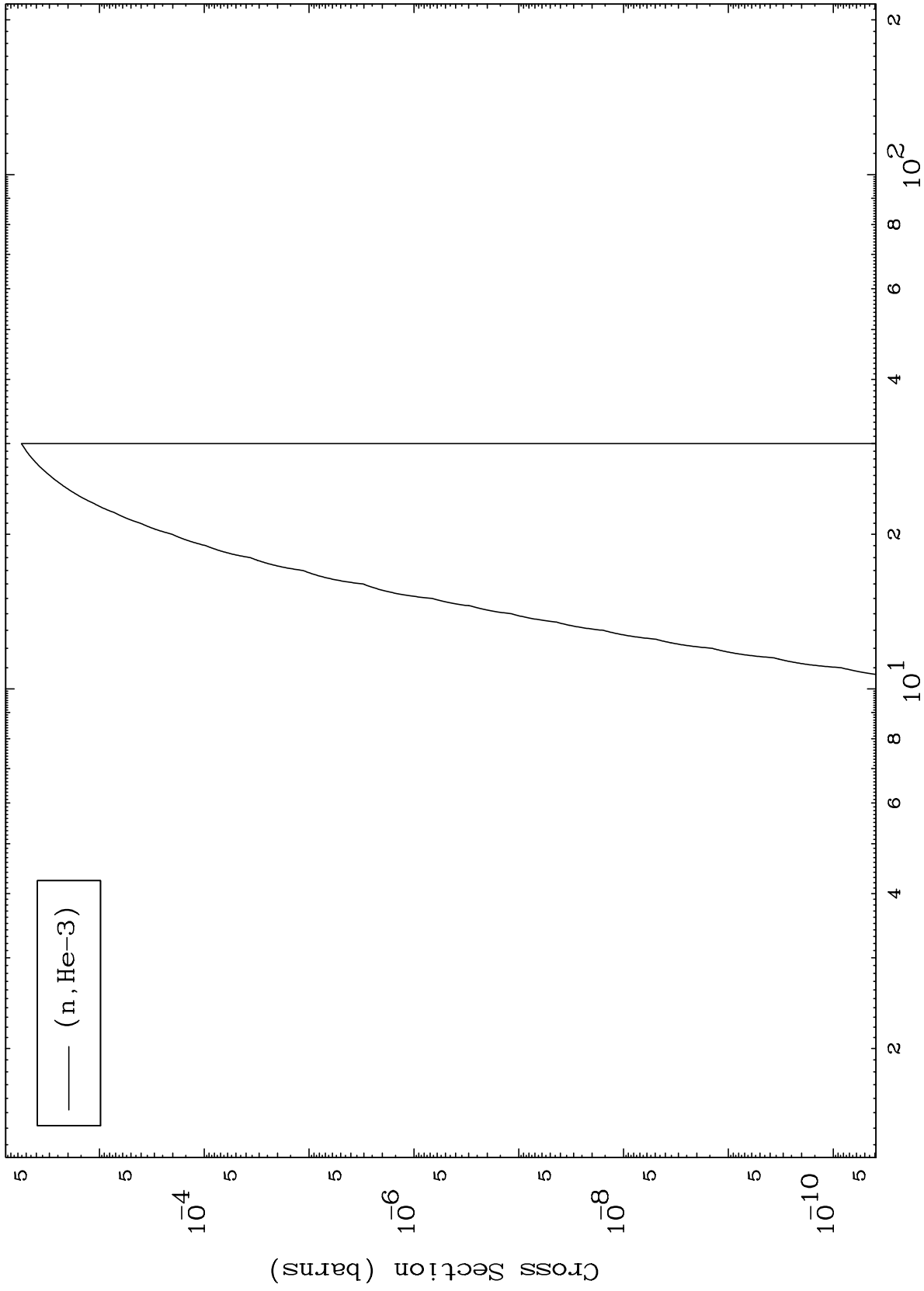
Incident Energy (MeV)

60-Nd-137

MAT 6011

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-137



13

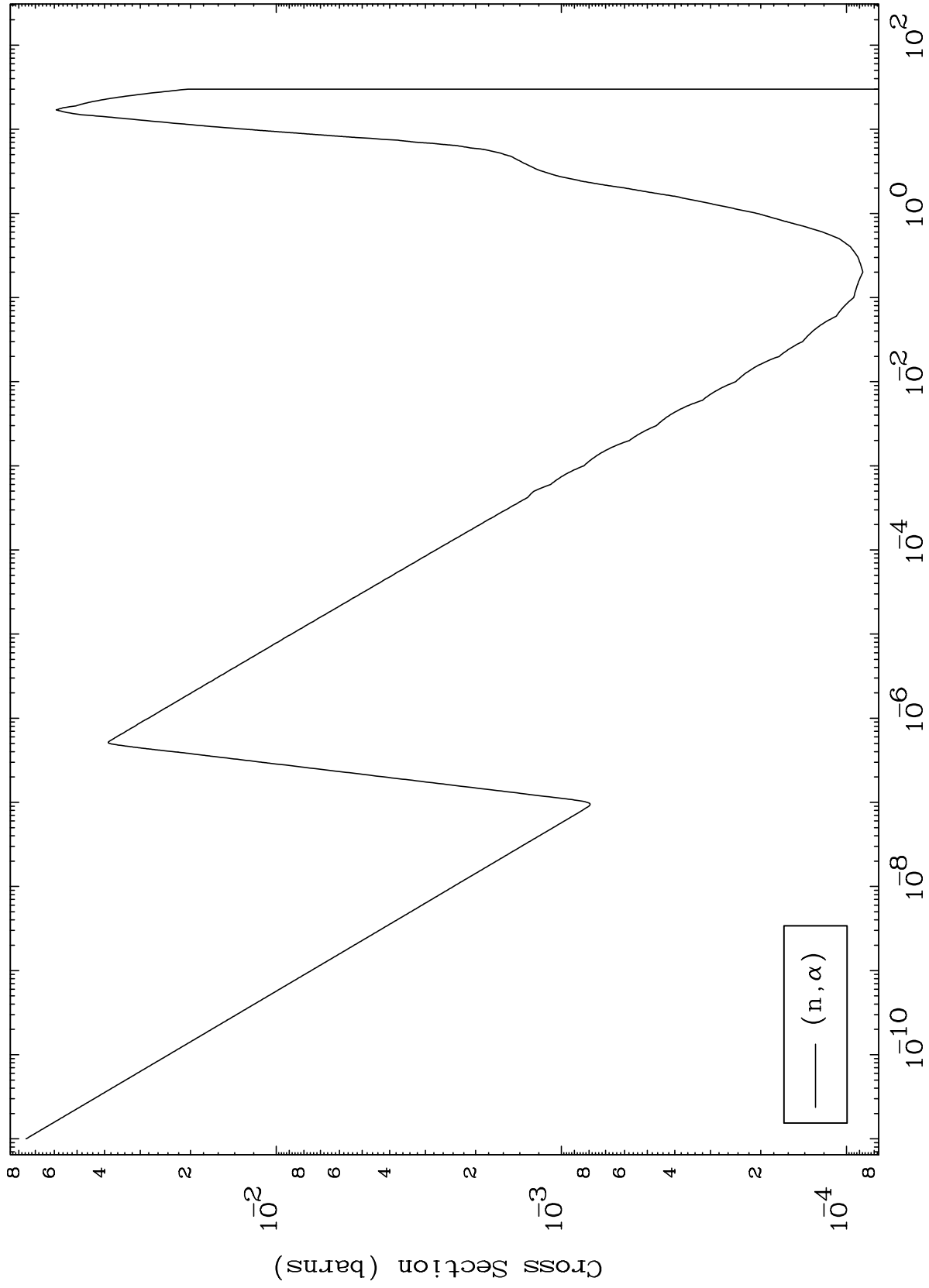
Incident Energy (MeV)

60-Nd-137

MAT 6011

(n,α) Levels
293 Kelvin Cross Sections

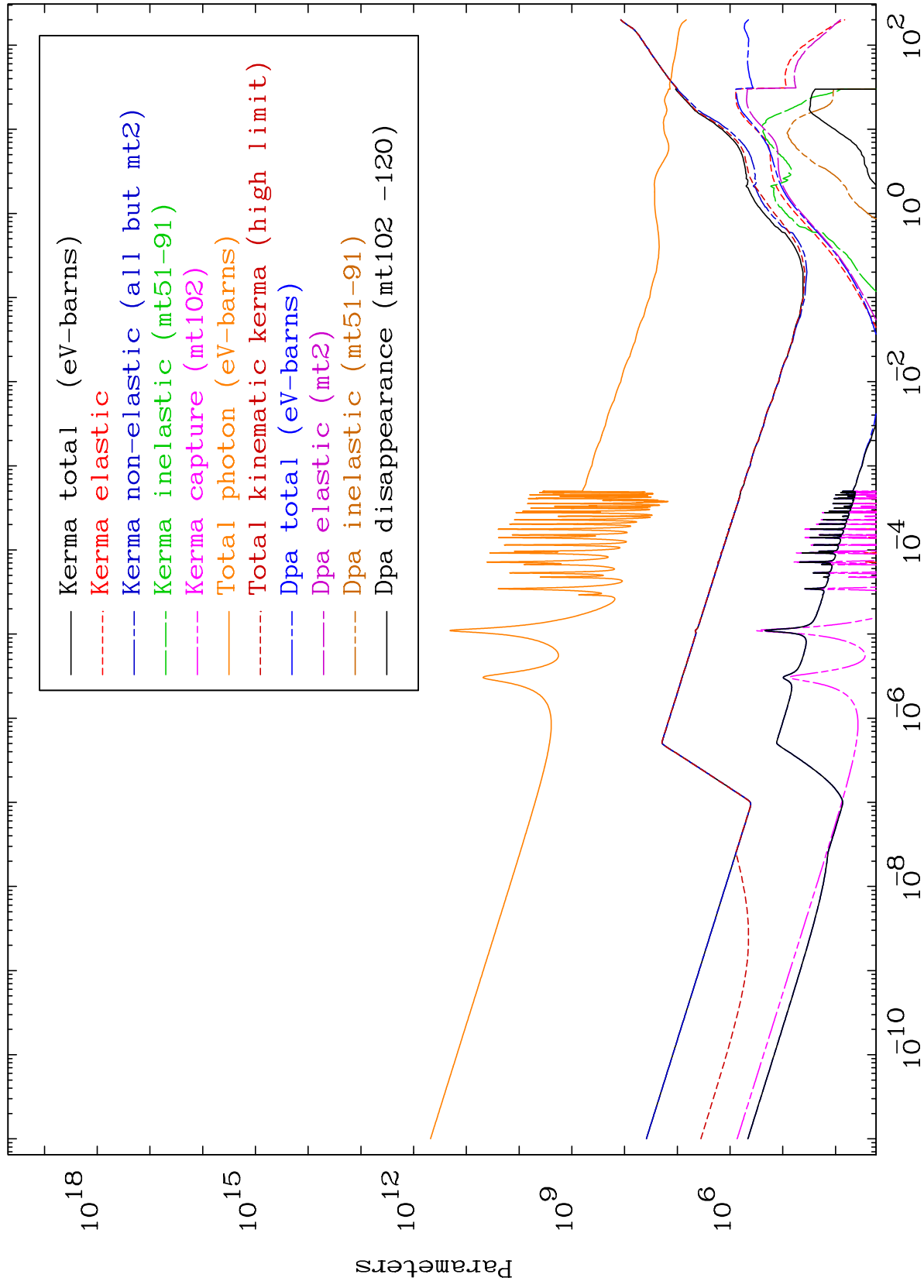
60-Nd-137

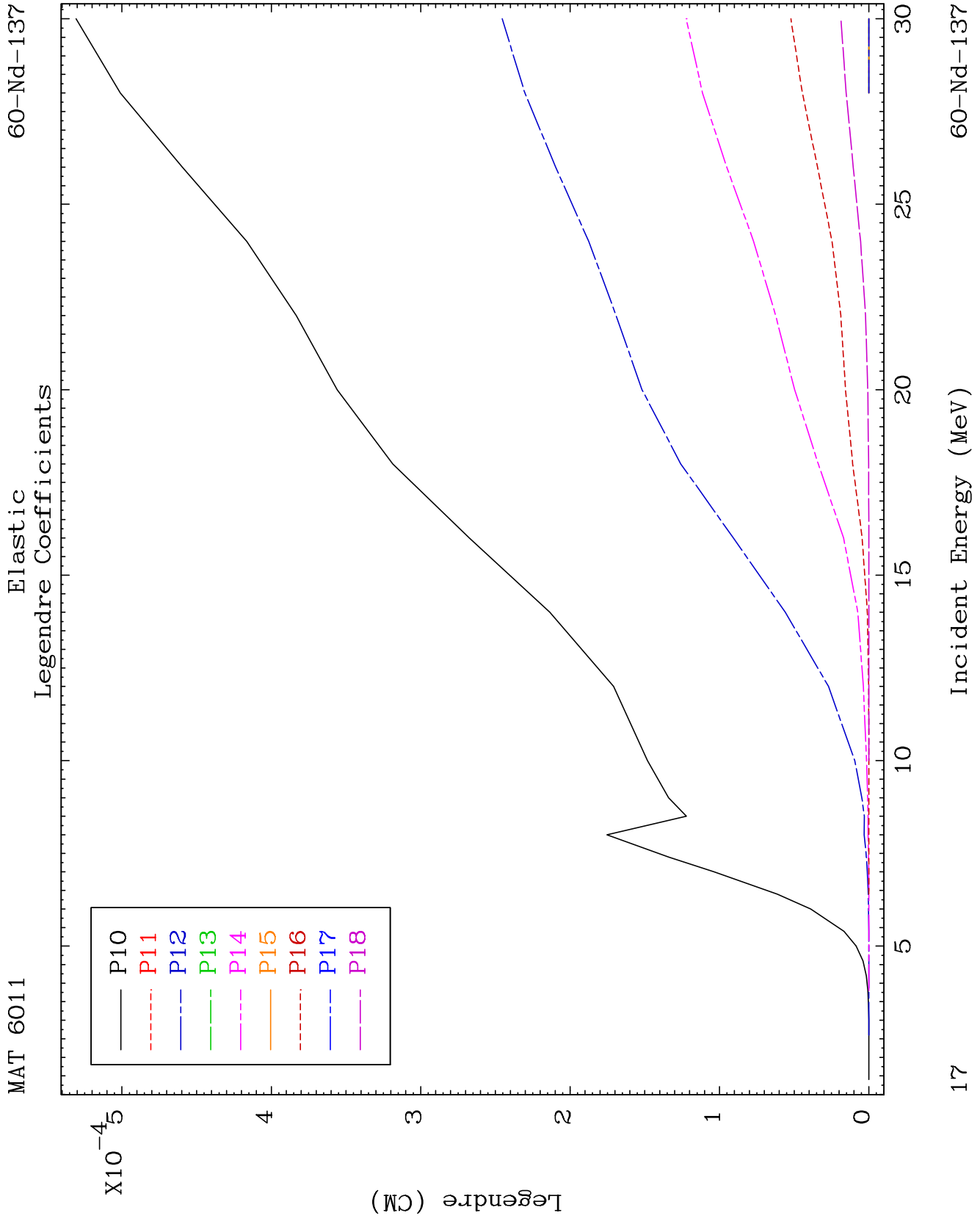


14

Incident Energy (MeV)

60-Nd-137

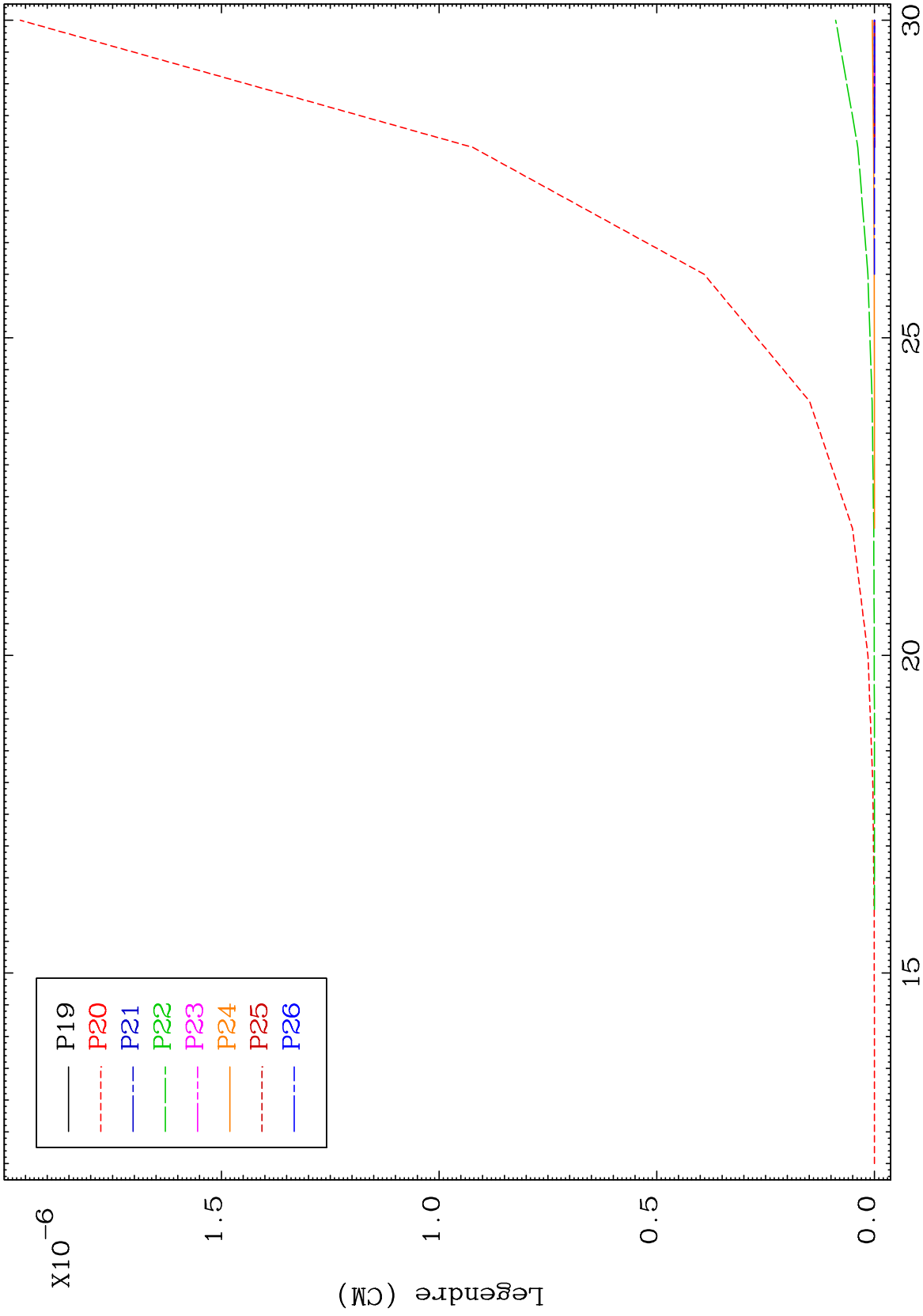




MAT 6011

Elastic Legendre Coefficients

60-Nd-137



18

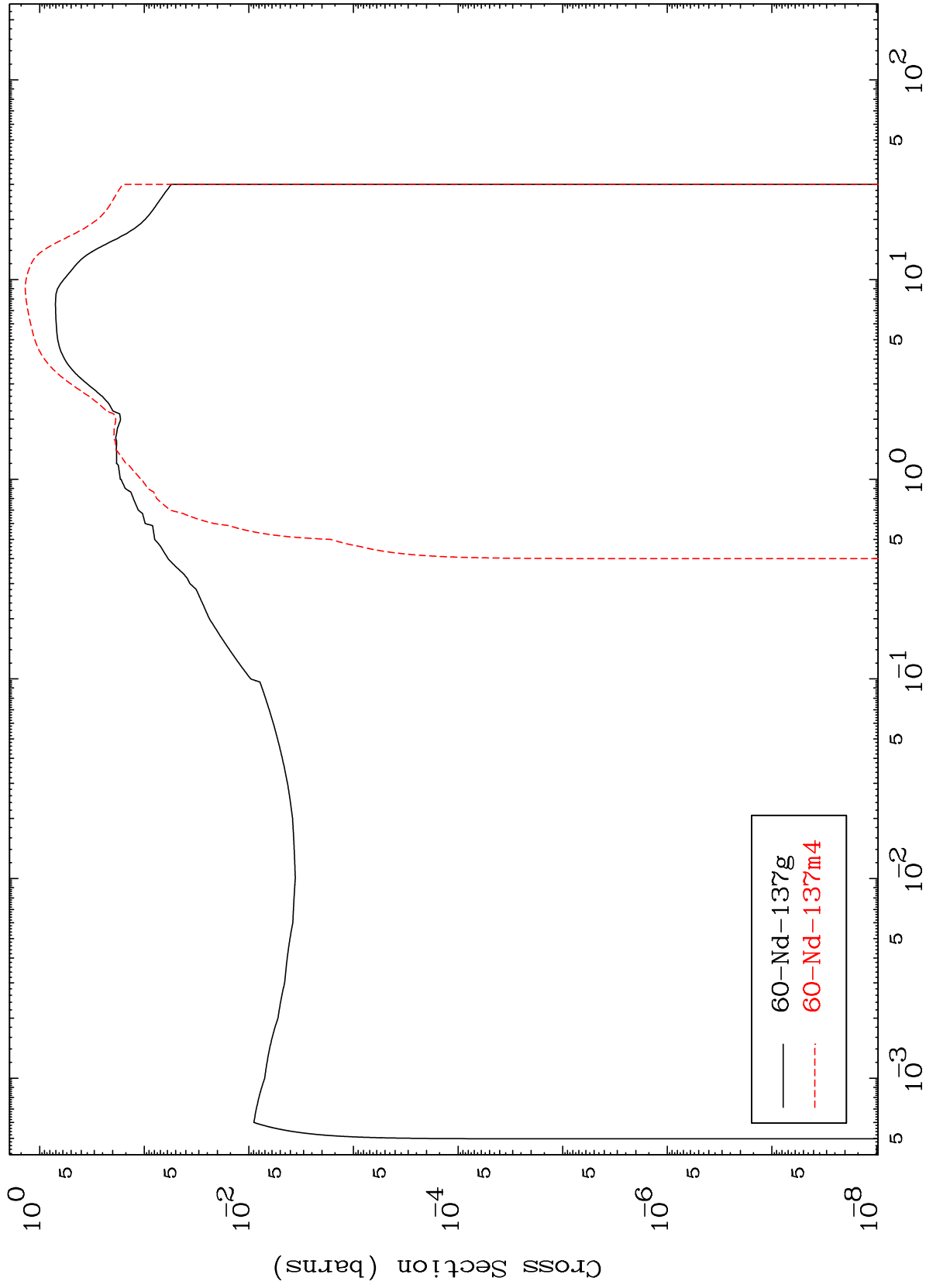
Incident Energy (MeV)

60-Nd-137

MAT 6011

60-Nd-137

Inelastic
Radionuclide Production Cross Section



19

Incident Energy (MeV)

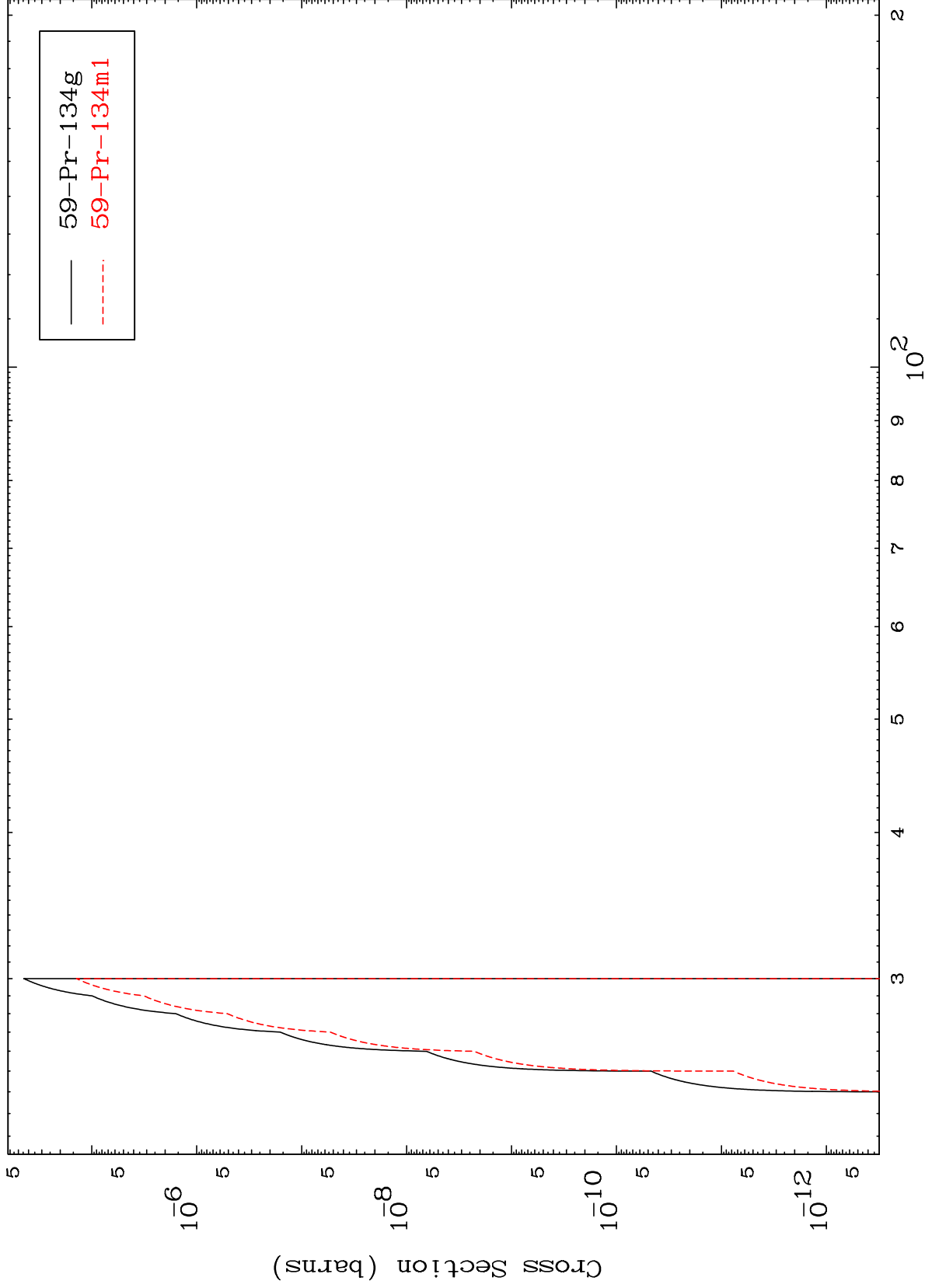
60-Nd-137

MAT 6011

(n,2n) d

60-Nd-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

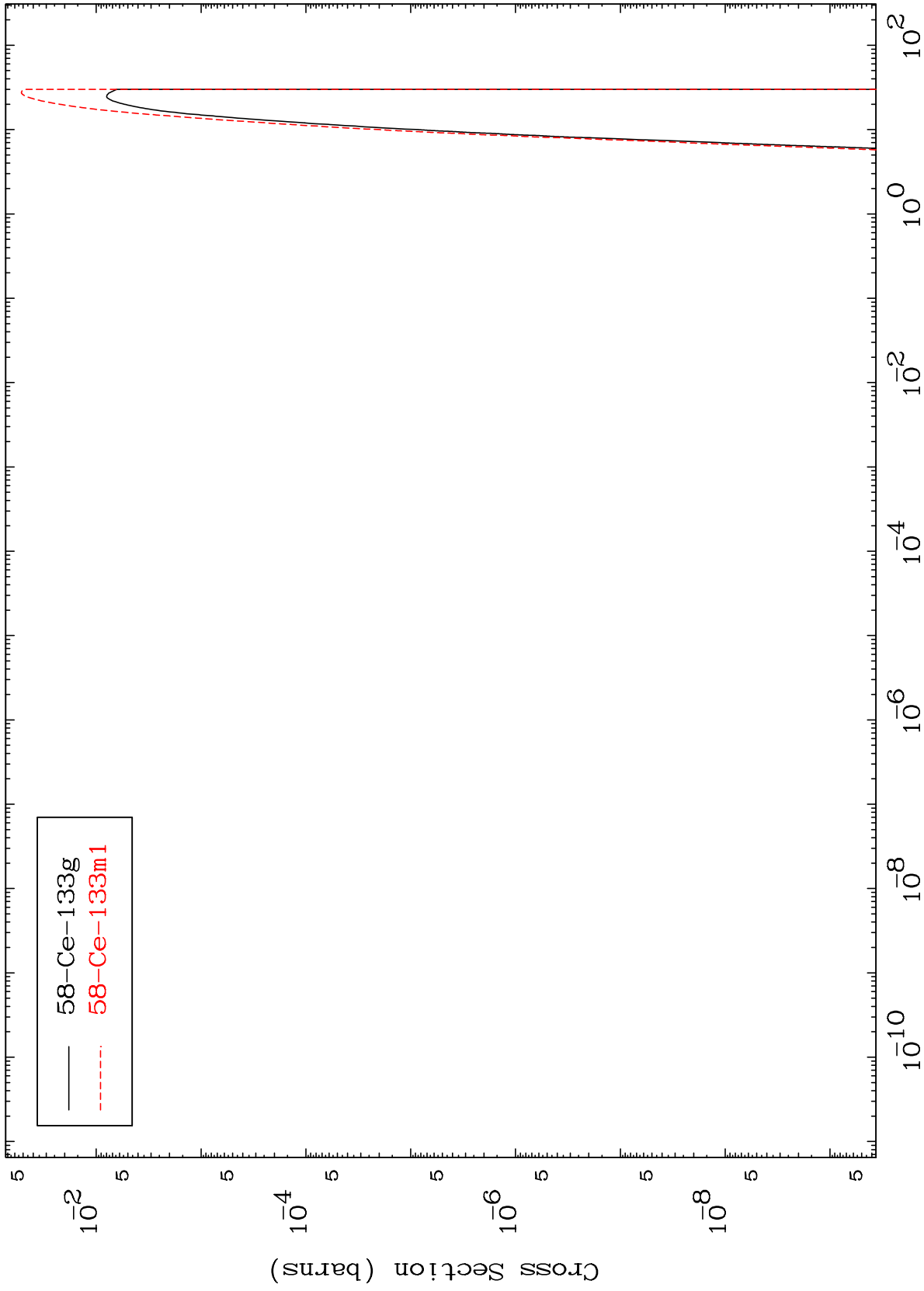
60-Nd-137

MAT 6011

(n,n') α

60-Nd-137

Radionuclide Production Cross Section



21

Incident Energy (MeV)

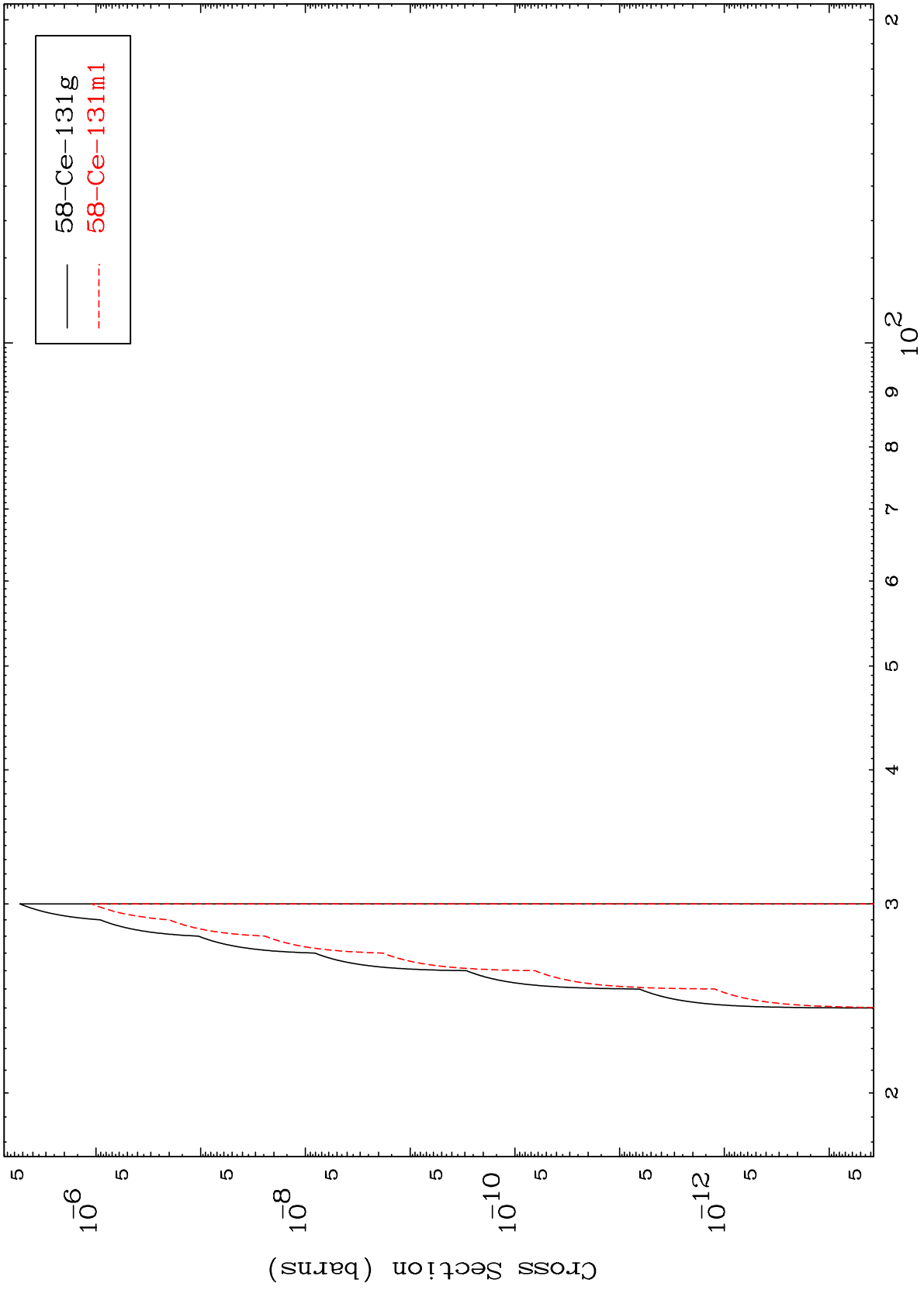
60-Nd-137

MAT 6011

(n,3n) α

60-Nd-137

Radionuclide Production Cross Section



22

Incident Energy (MeV)

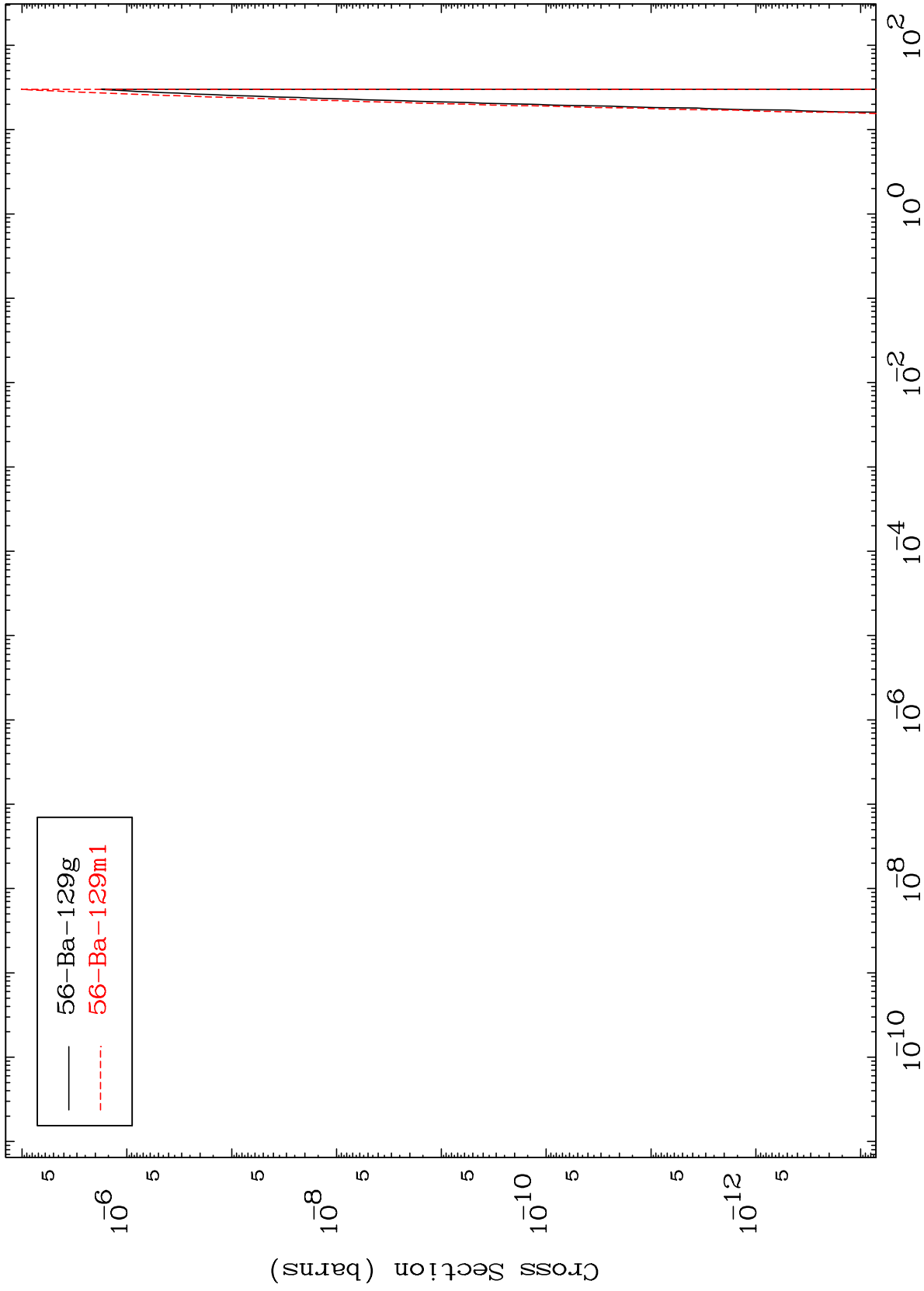
60-Nd-137

MAT 6011

(n,n') 2 α

60-Nd-137

Radionuclide Production Cross Section



23

Incident Energy (MeV)

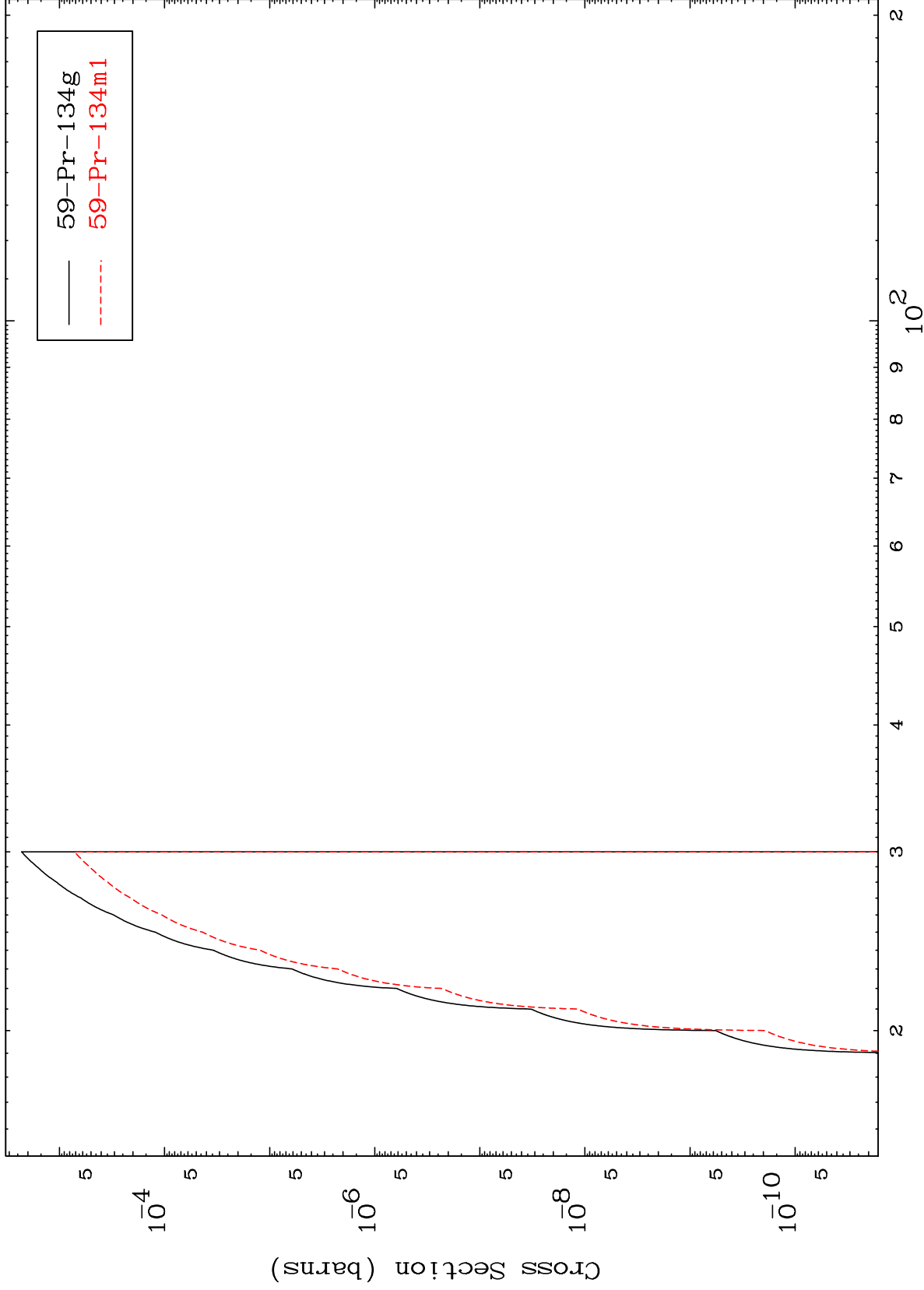
60-Nd-137

MAT 6011

(n,n') t

60-Nd-137

Radionuclide Production Cross Section



24

Incident Energy (MeV)

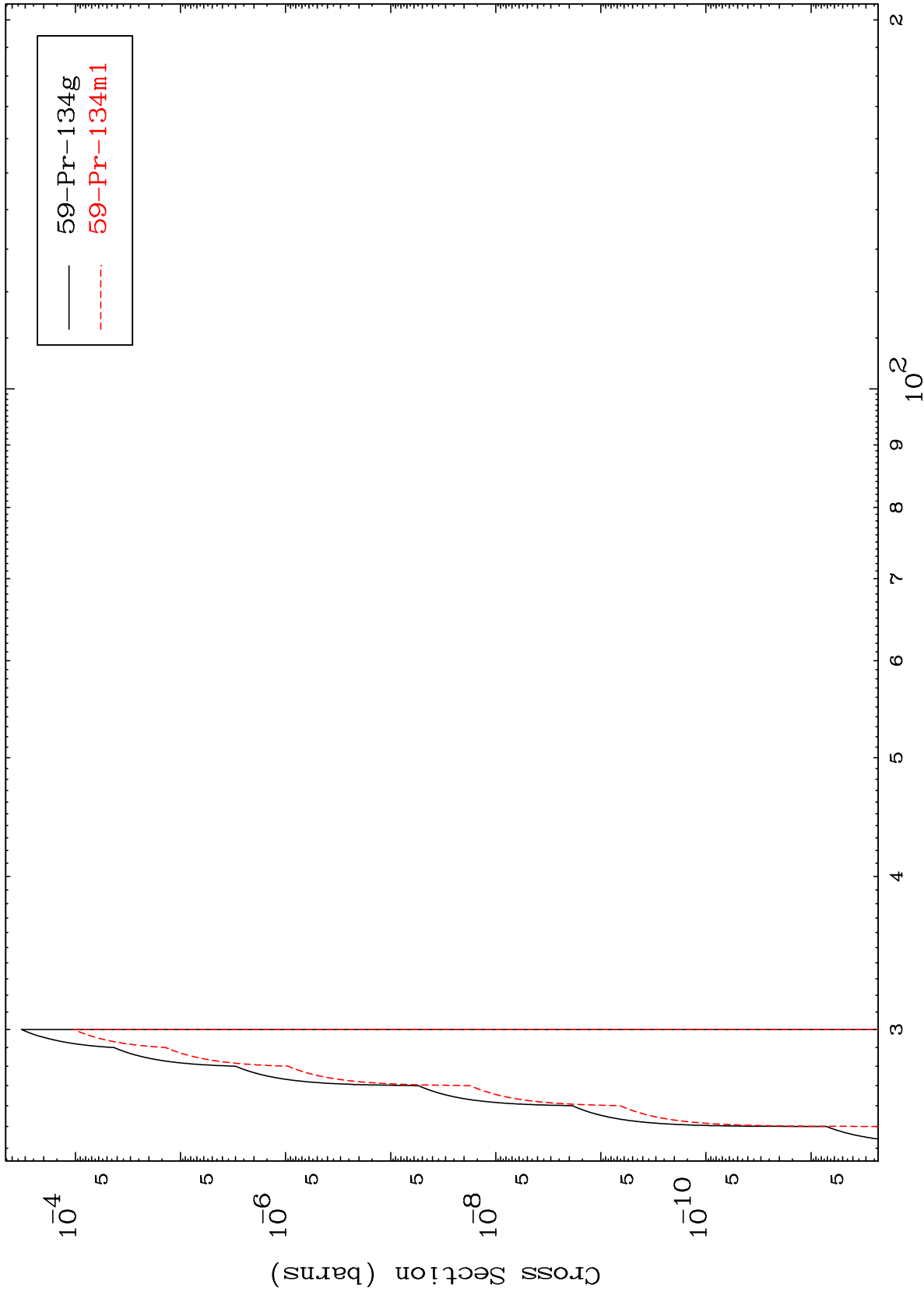
60-Nd-137

MAT 6011

(n,3n) p

60-Nd-137

Radionuclide Production Cross Section



25

Incident Energy (MeV)

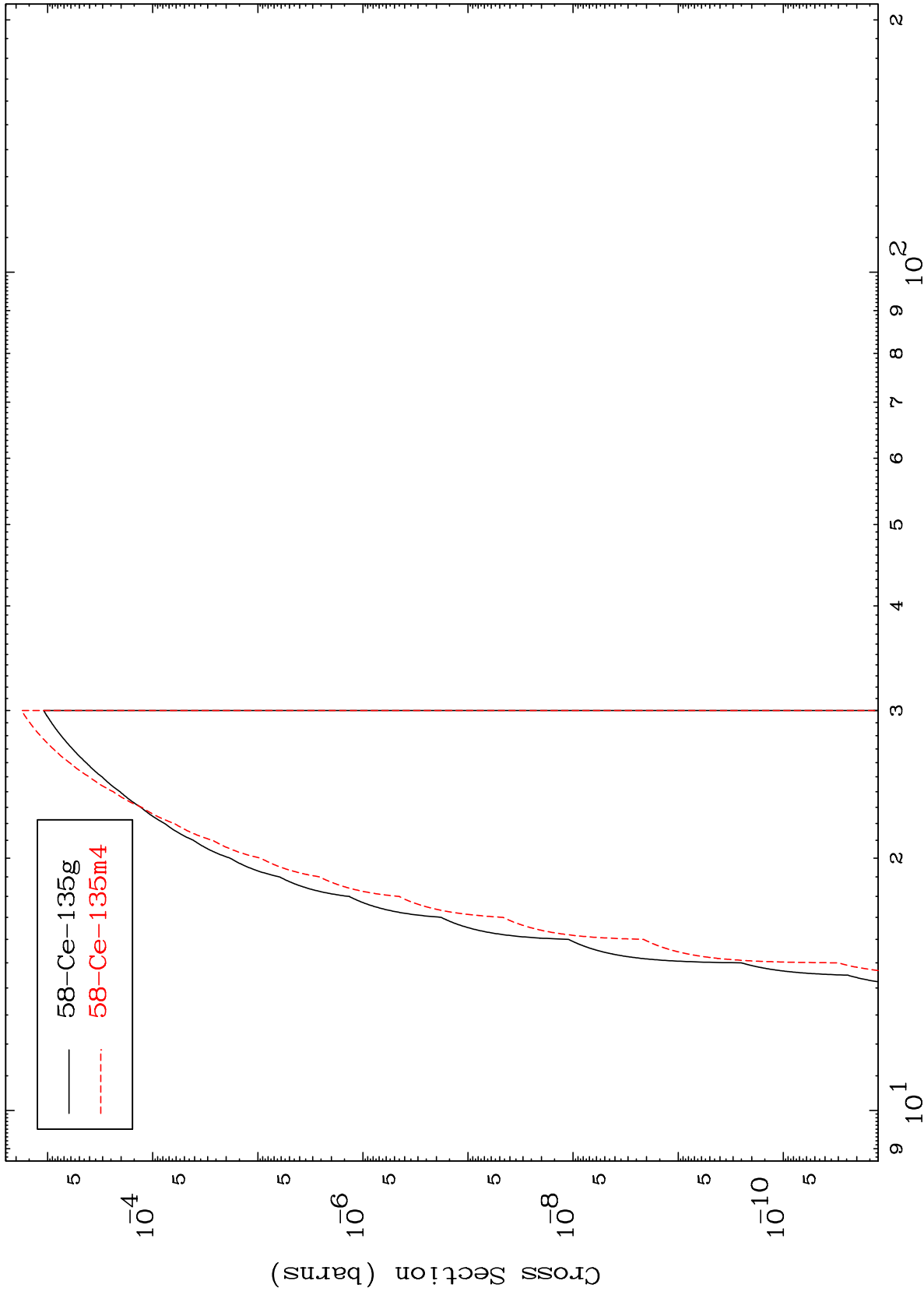
60-Nd-137

MAT 6011

(n,2n) p

60-Nd-137

Radionuclide Production Cross Section



26

Incident Energy (MeV)

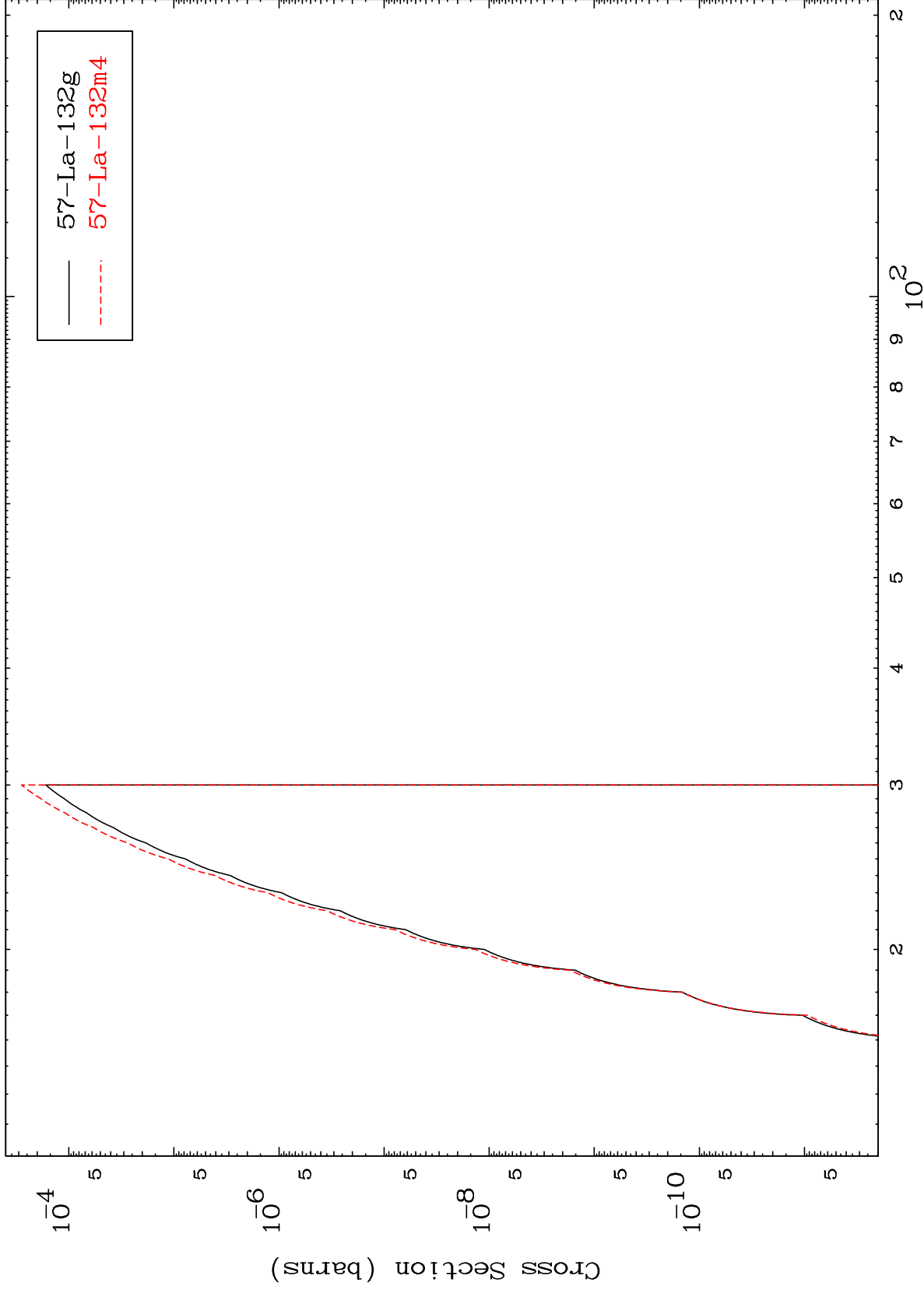
60-Nd-137

MAT 6011

(n,n') p α

60-Nd-137

Radionuclide Production Cross Section



27

Incident Energy (MeV)

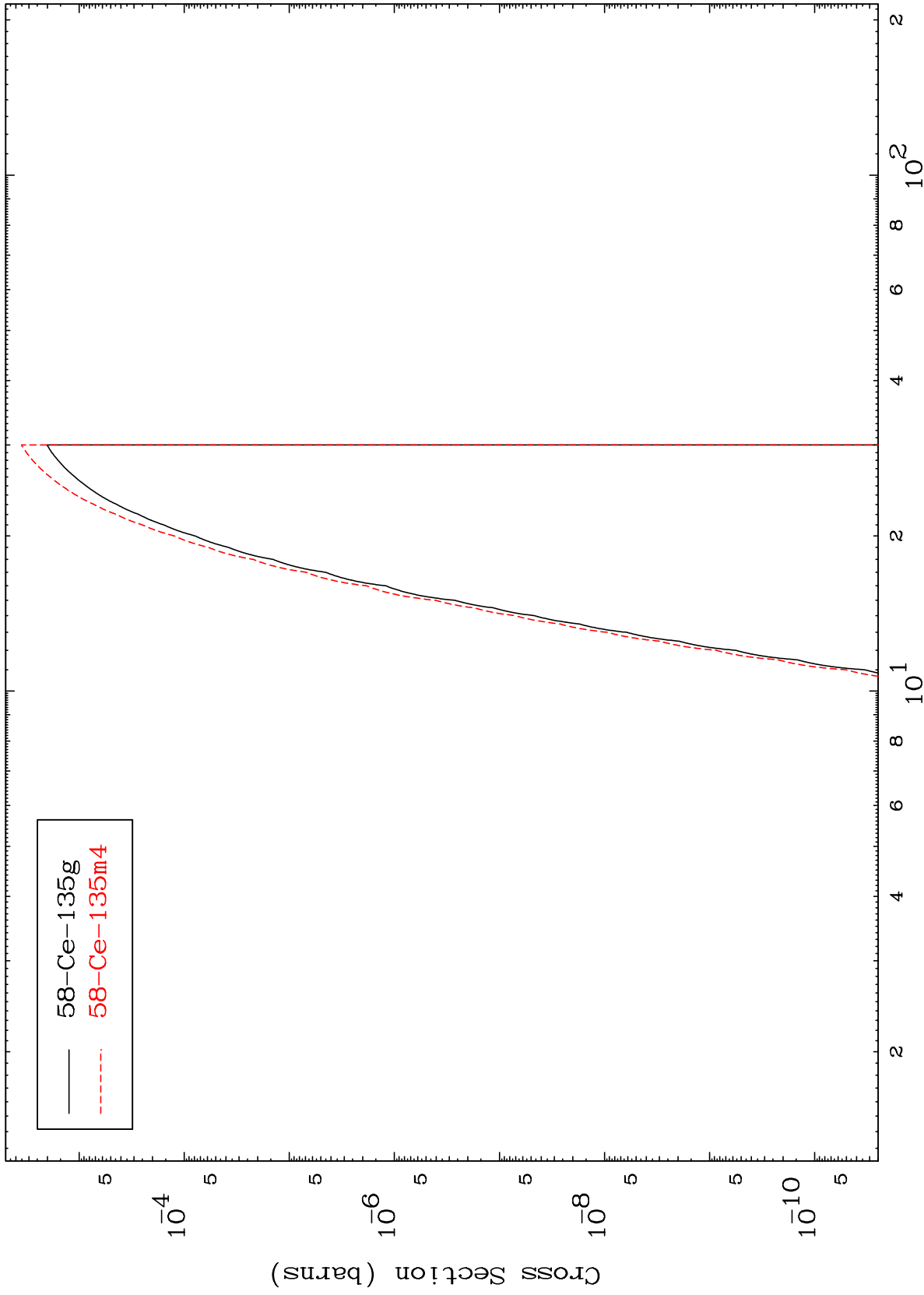
60-Nd-137

MAT 6011

(n, He-3)

60-Nd-137

Radionuclide Production Cross Section



28

Incident Energy (MeV)

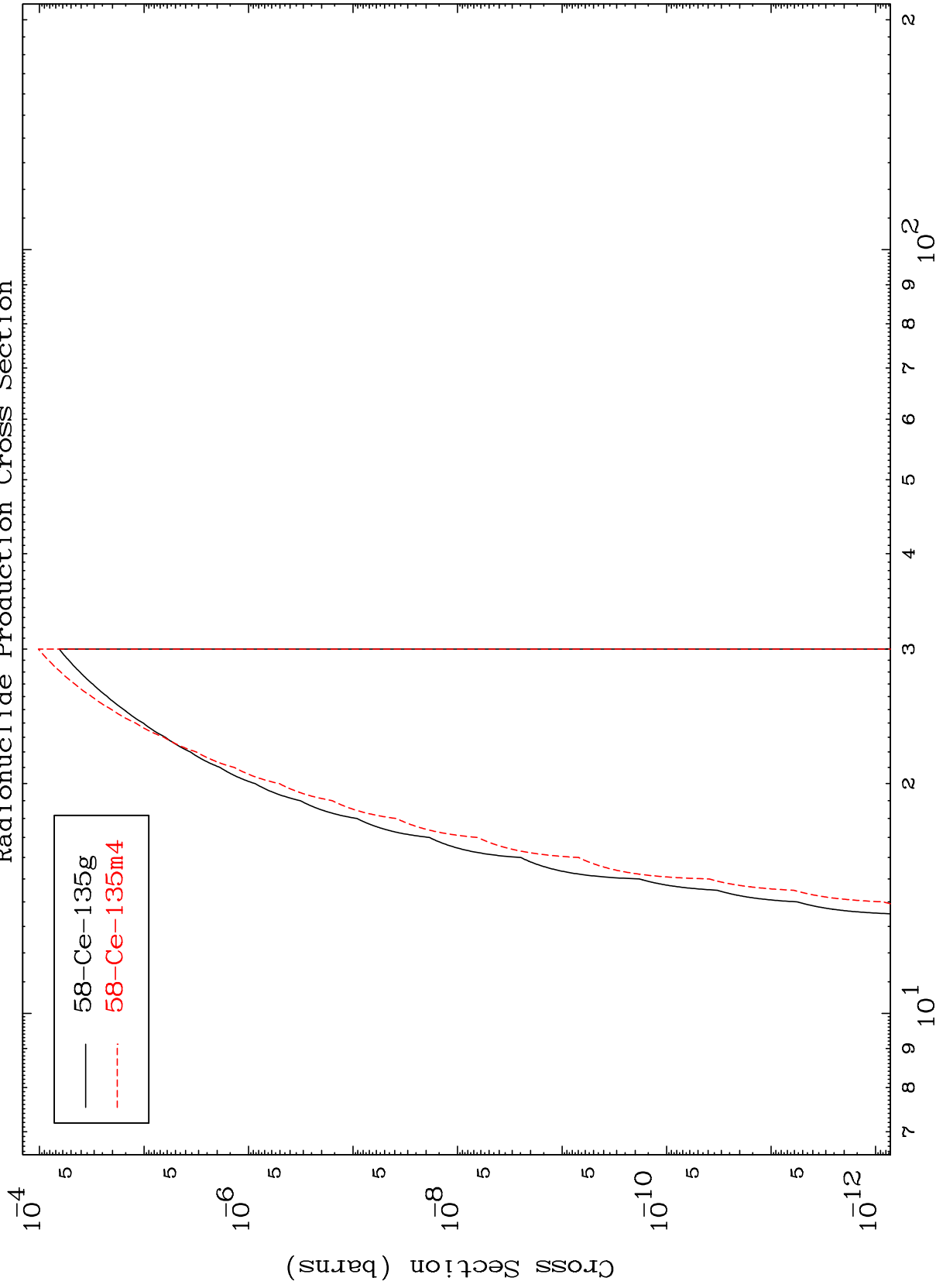
60-Nd-137

MAT 6011

(n,p) d

60-Nd-137

Radionuclide Production Cross Section



29

Incident Energy (MeV)

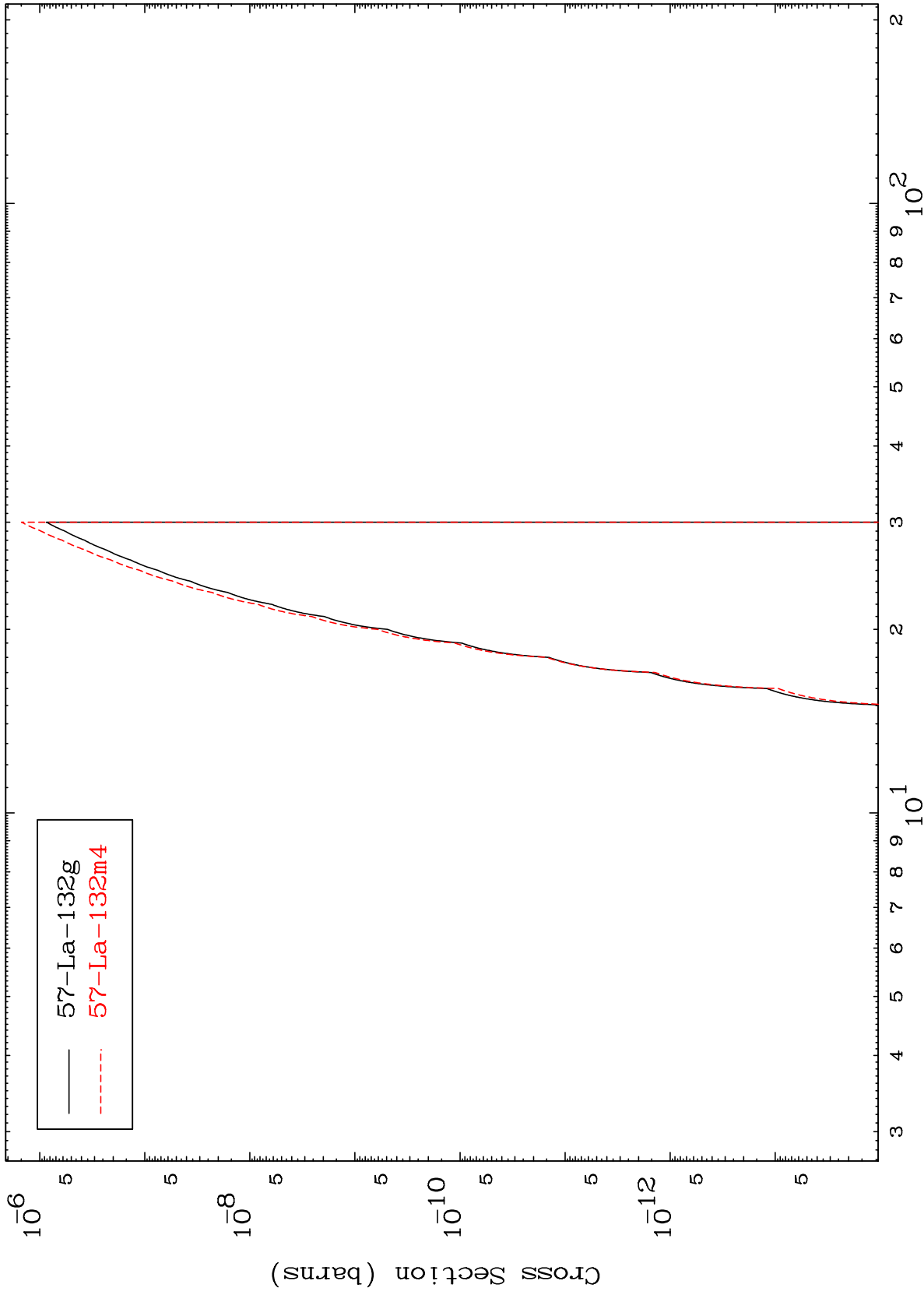
60-Nd-137

MAT 6011

(n,d) α

60-Nd-137

Radionuclide Production Cross Section



30

Incident Energy (MeV)

60-Nd-137