

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

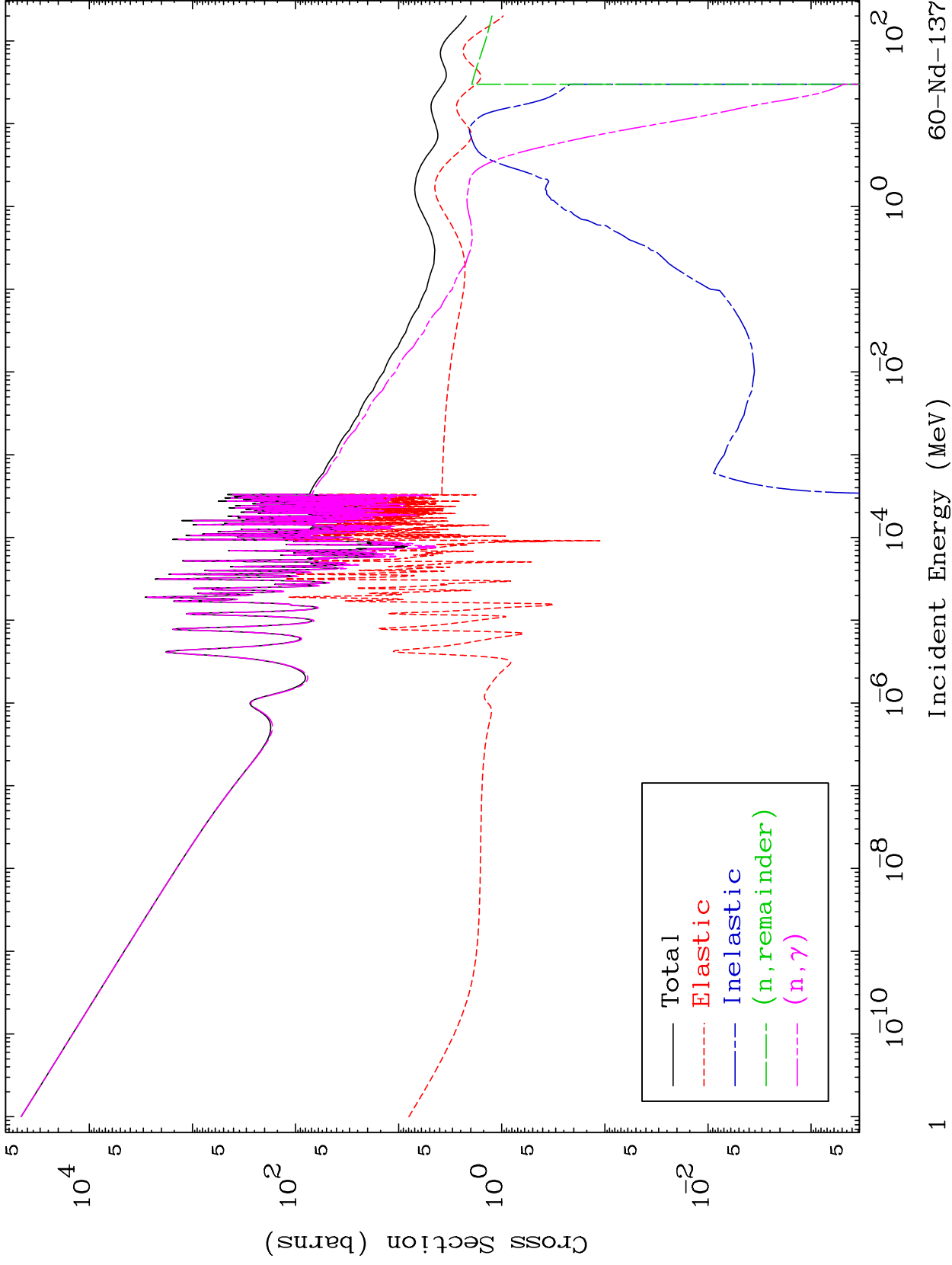
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 6011

Major
293 Kelvin Cross Sections

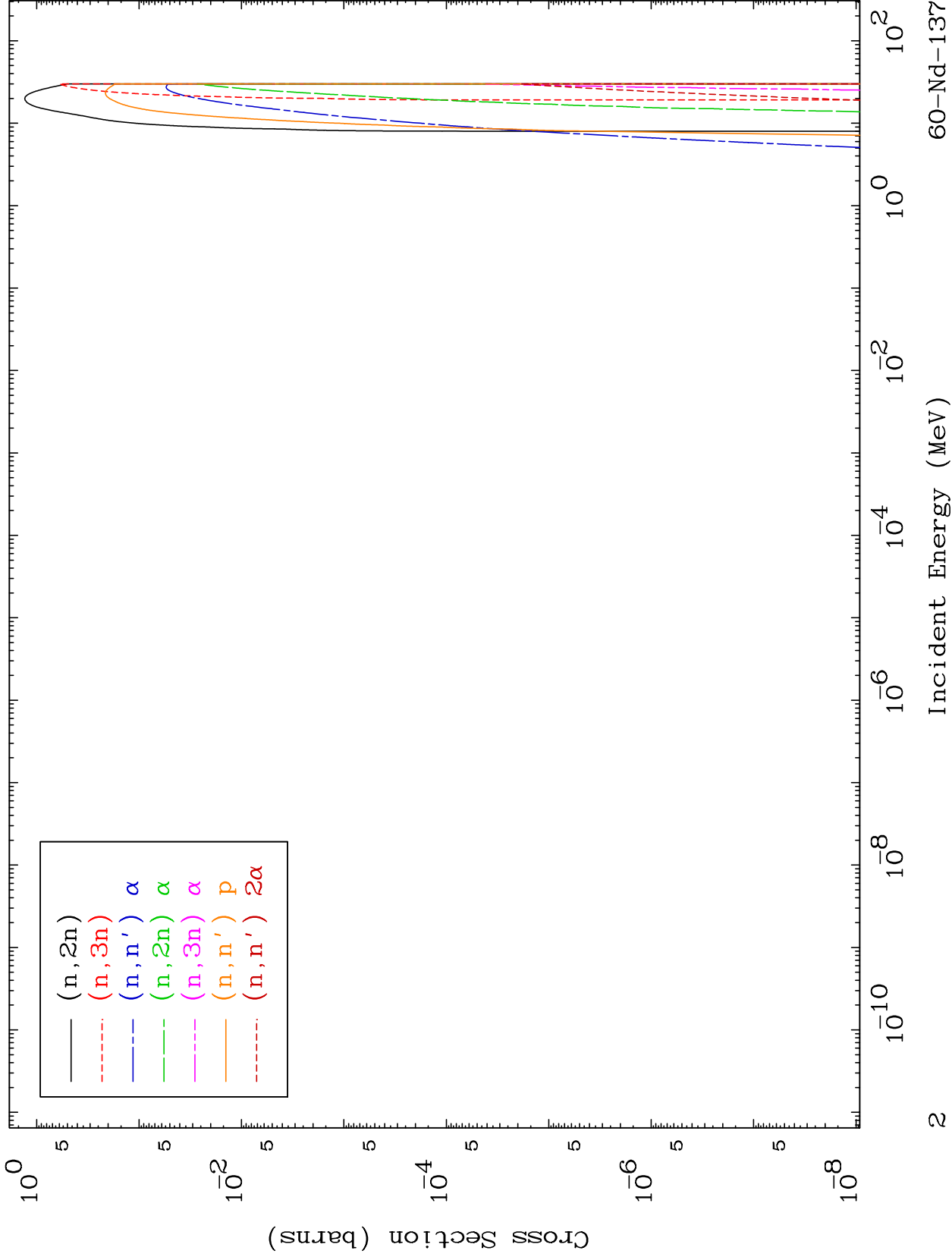
60-Nd-137



MAT 6011

Neutron Production
293 Kelvin Cross Sections

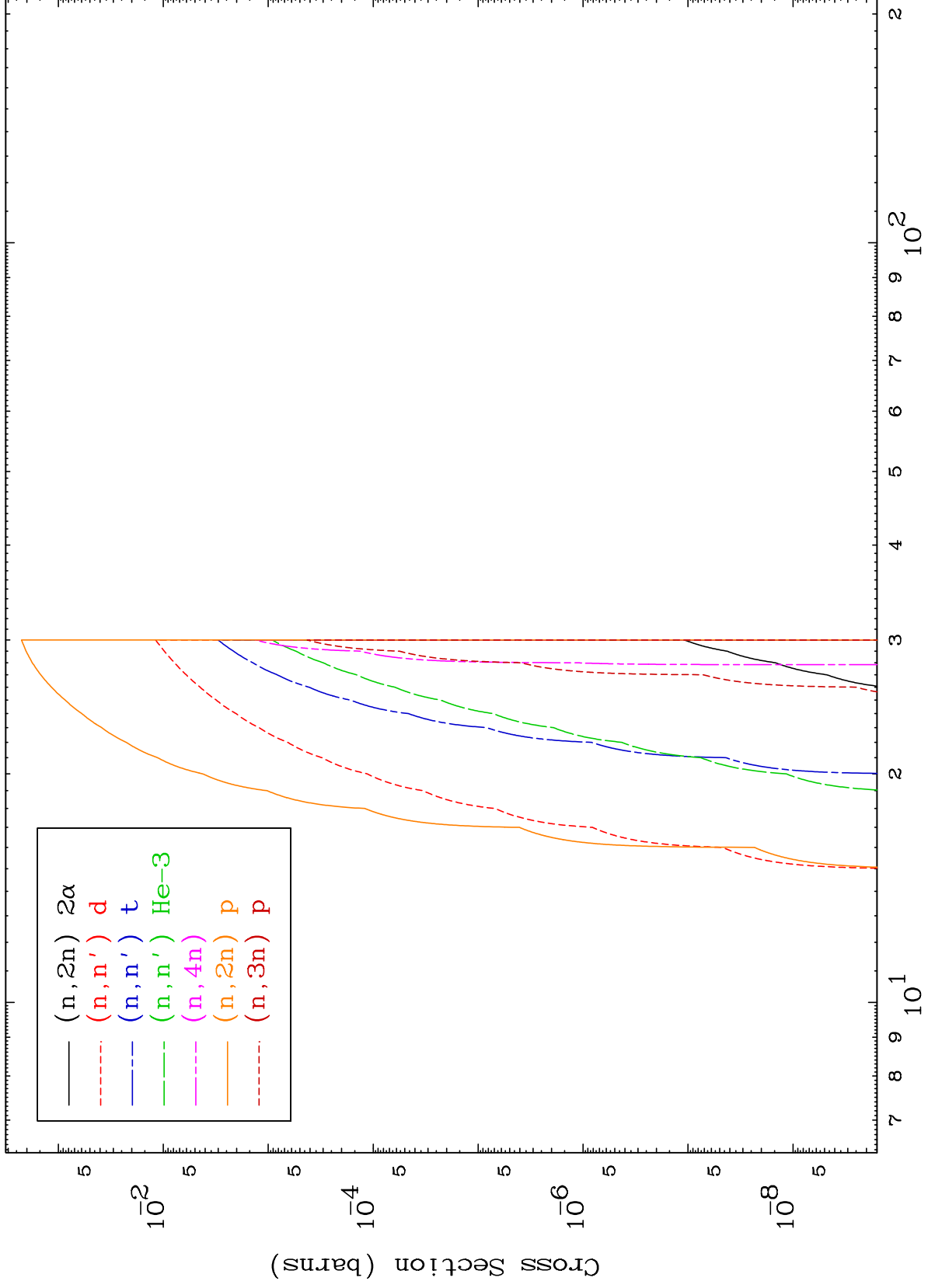
60-Nd-137



MAT 6011

Neutron Production
293 Kelvin Cross Sections

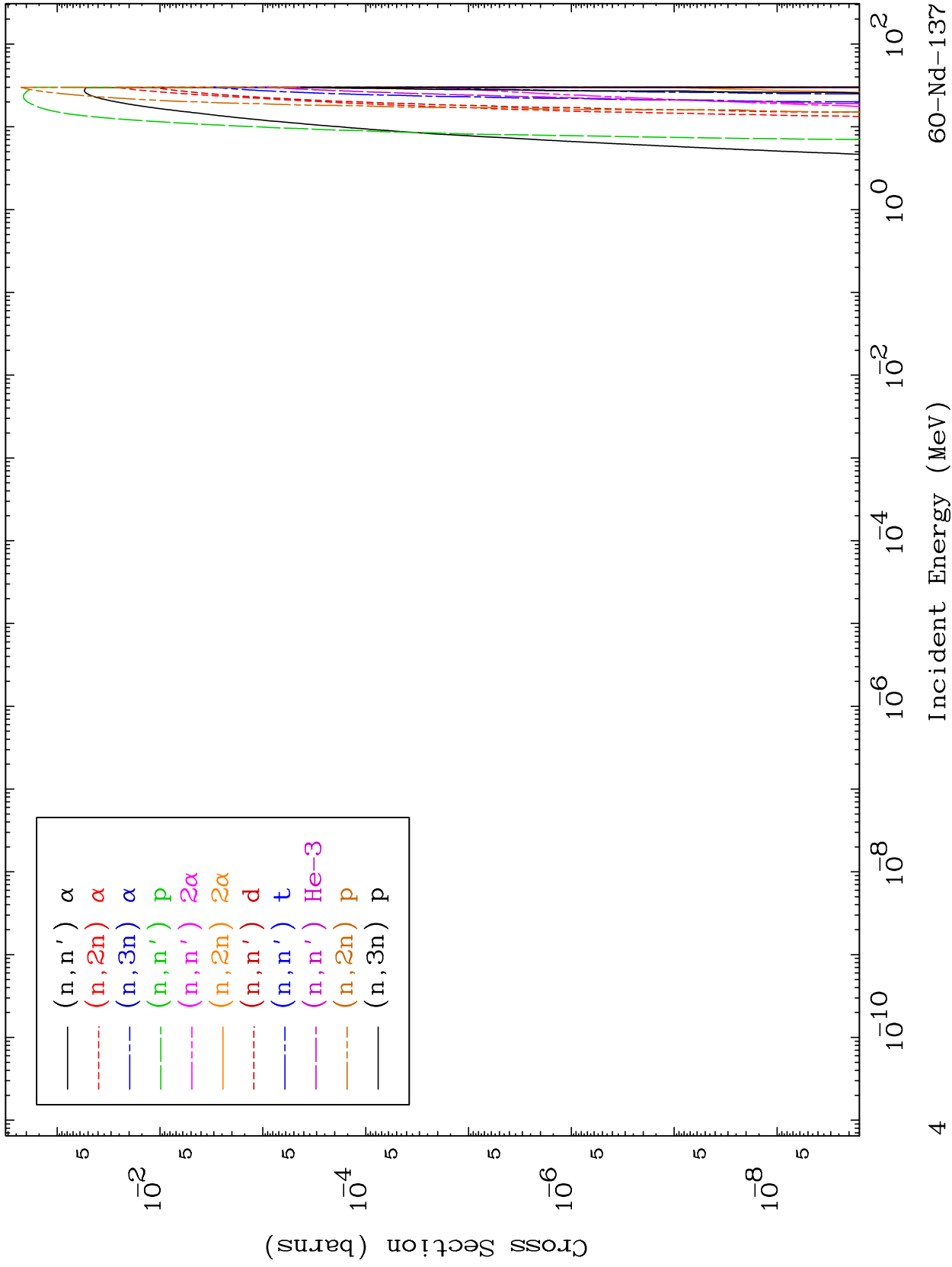
60-Nd-137



MAT 6011

Charged Particle
293 Kelvin Cross Sections

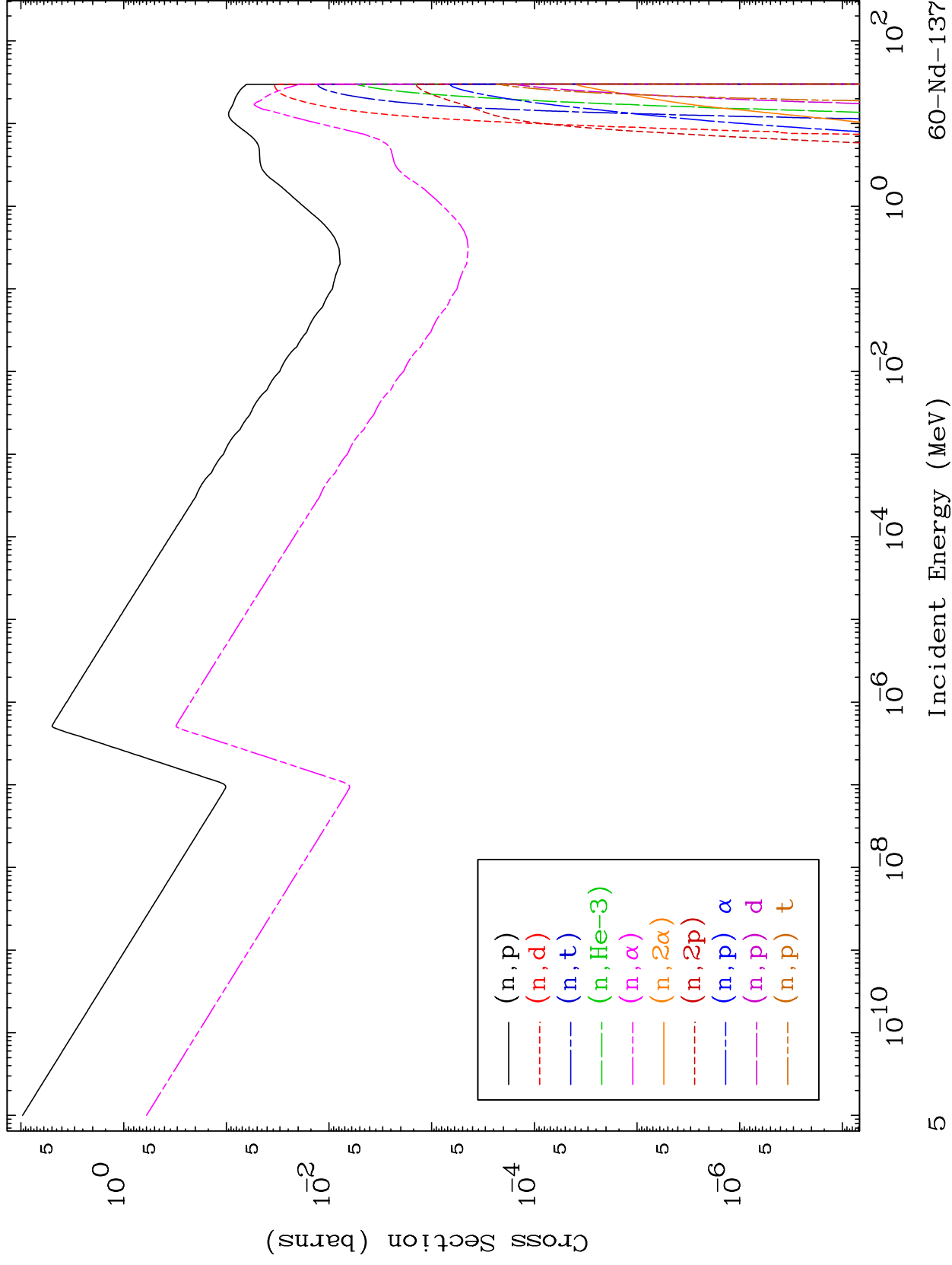
60-Nd-137



MAT 6011

Charged Particle
293 Kelvin Cross Sections

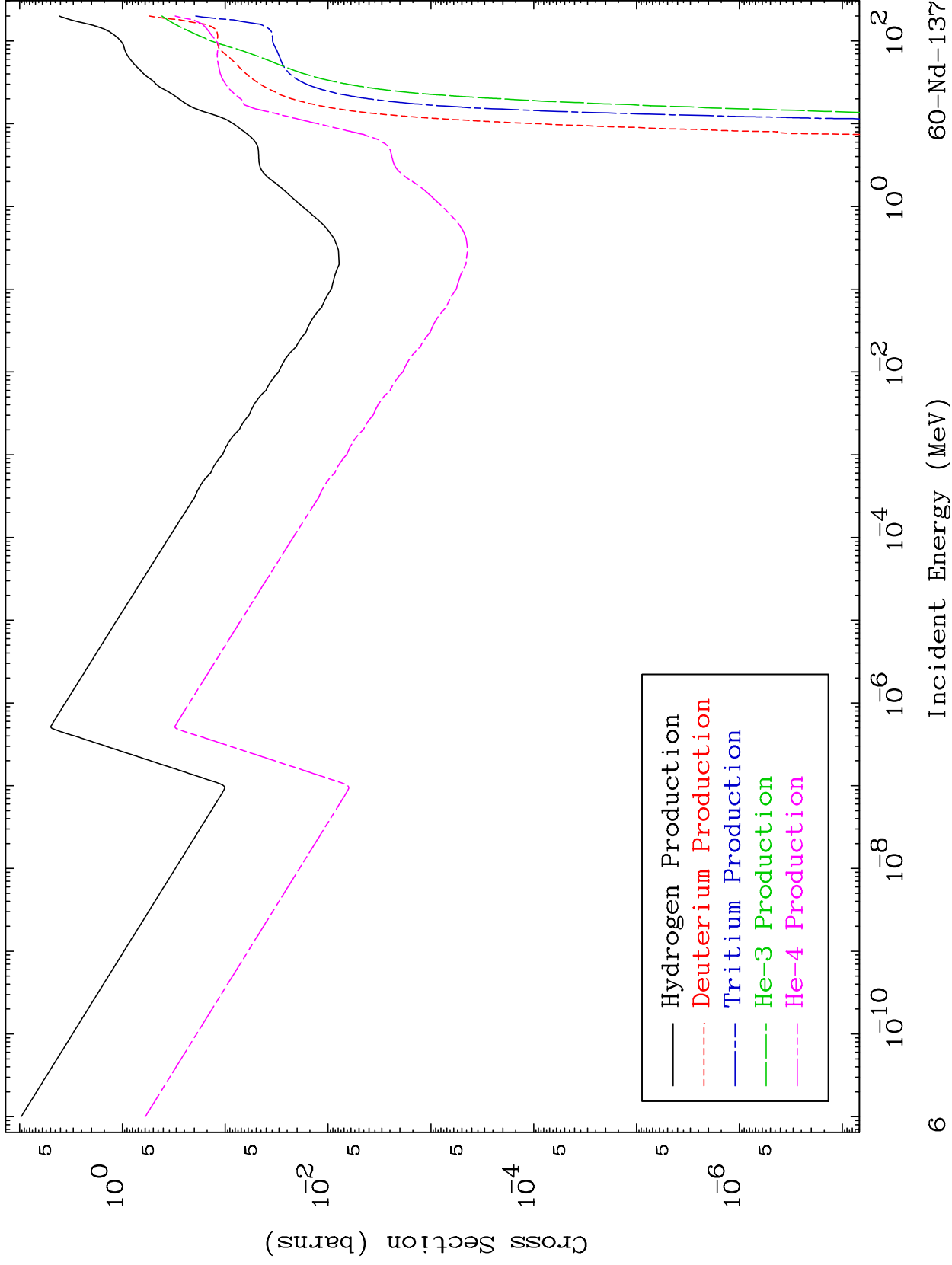
60-Nd-137



MAT 6011

Particle Production
293 Kelvin Cross Sections

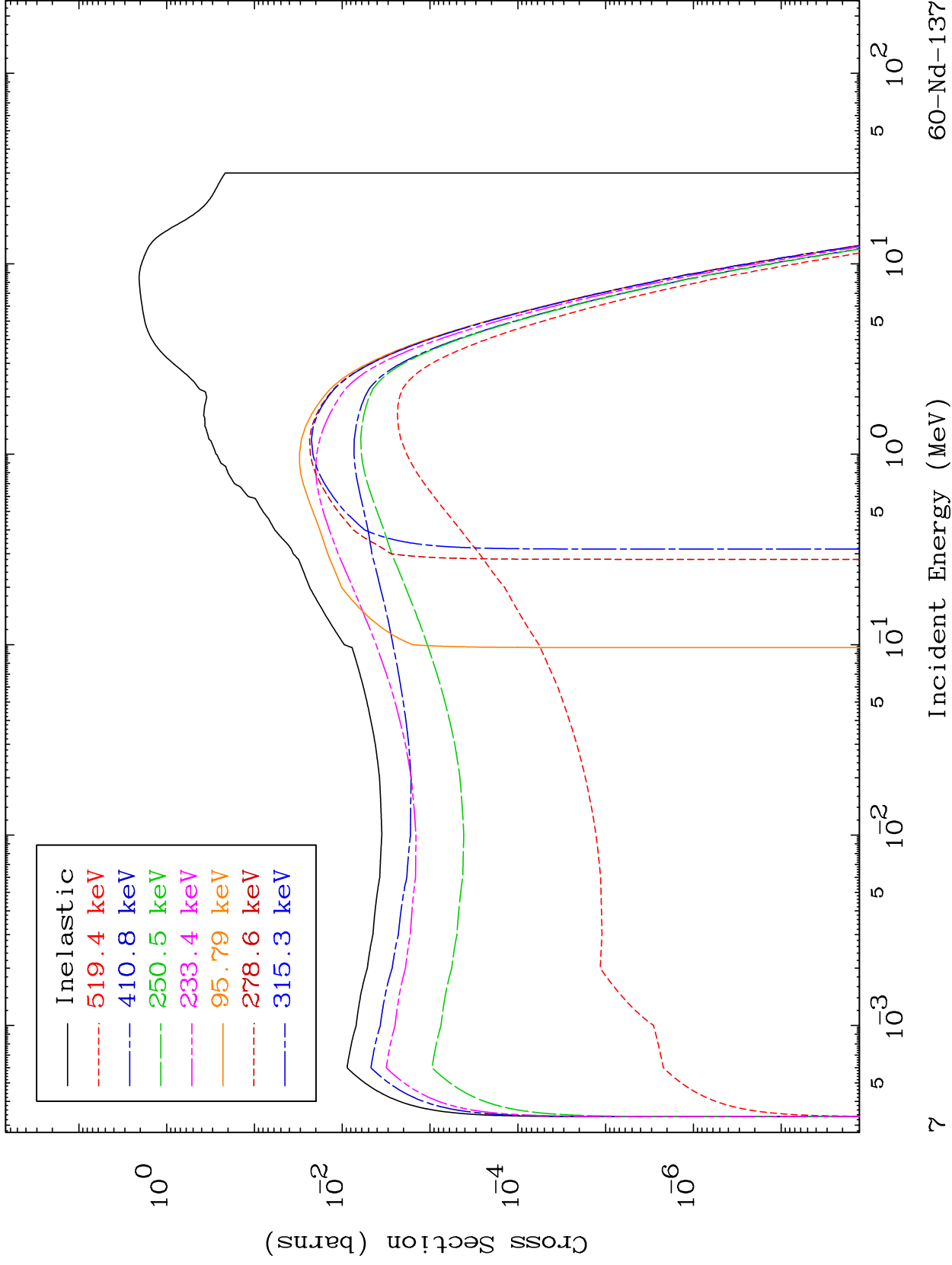
60-Nd-137



MAT 6011

(n,n') Level
293 Kelvin Cross Sections

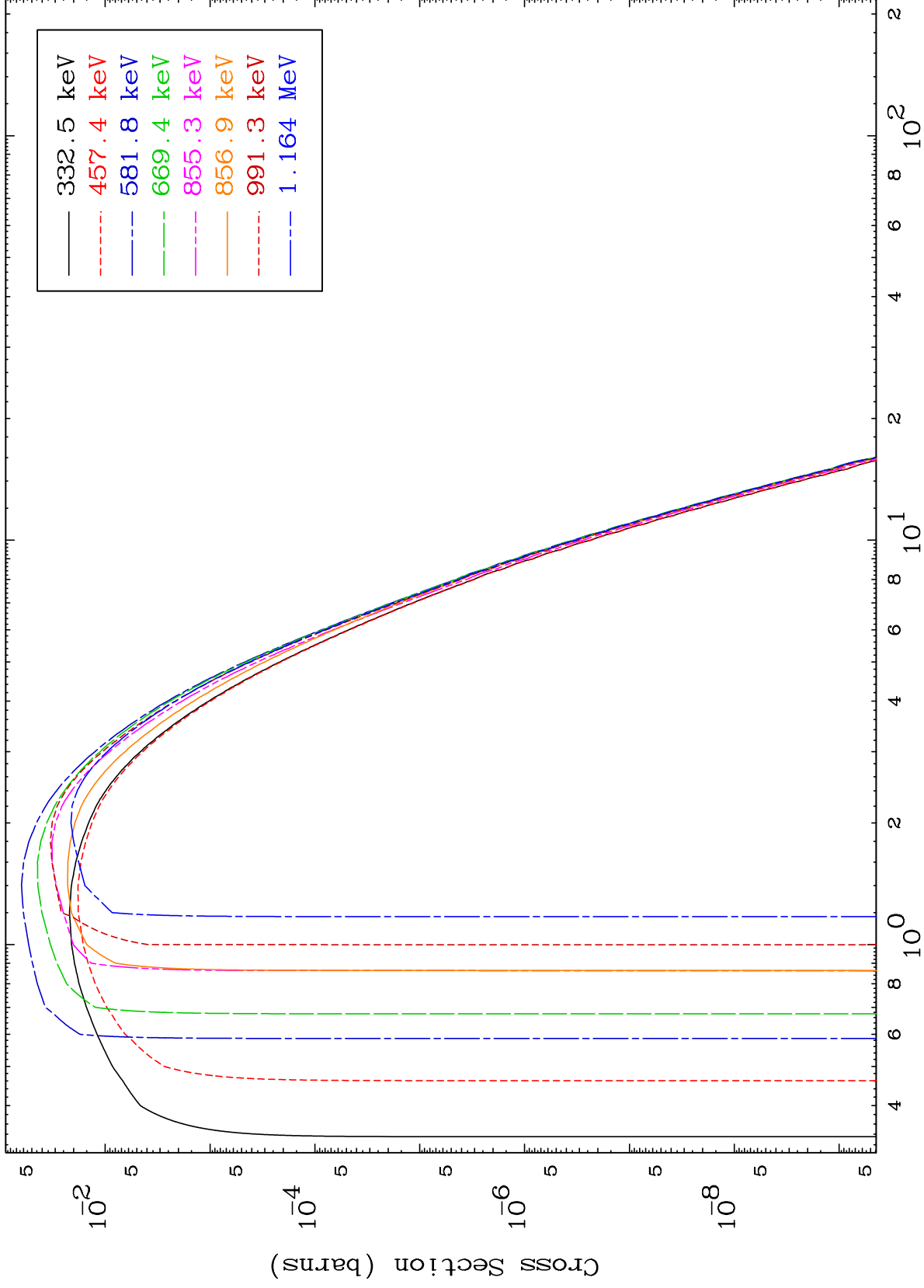
60-Nd-137



MAT 6011

(n,n') Level
293 Kelvin Cross Sections

60-Nd-137



8

Incident Energy (MeV)

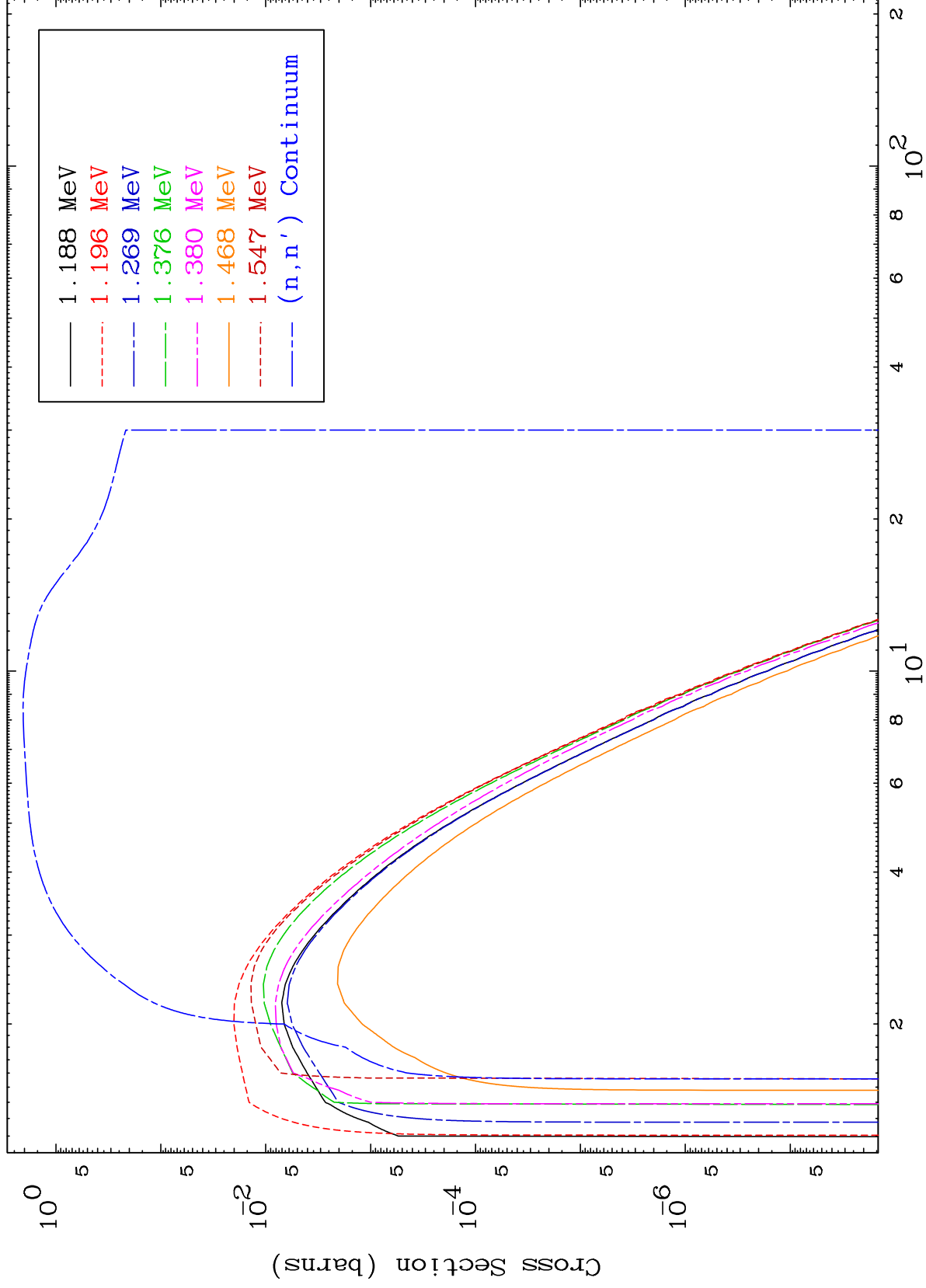
60-Nd-137

MAT 6011

(n,n') Level

60-Nd-137

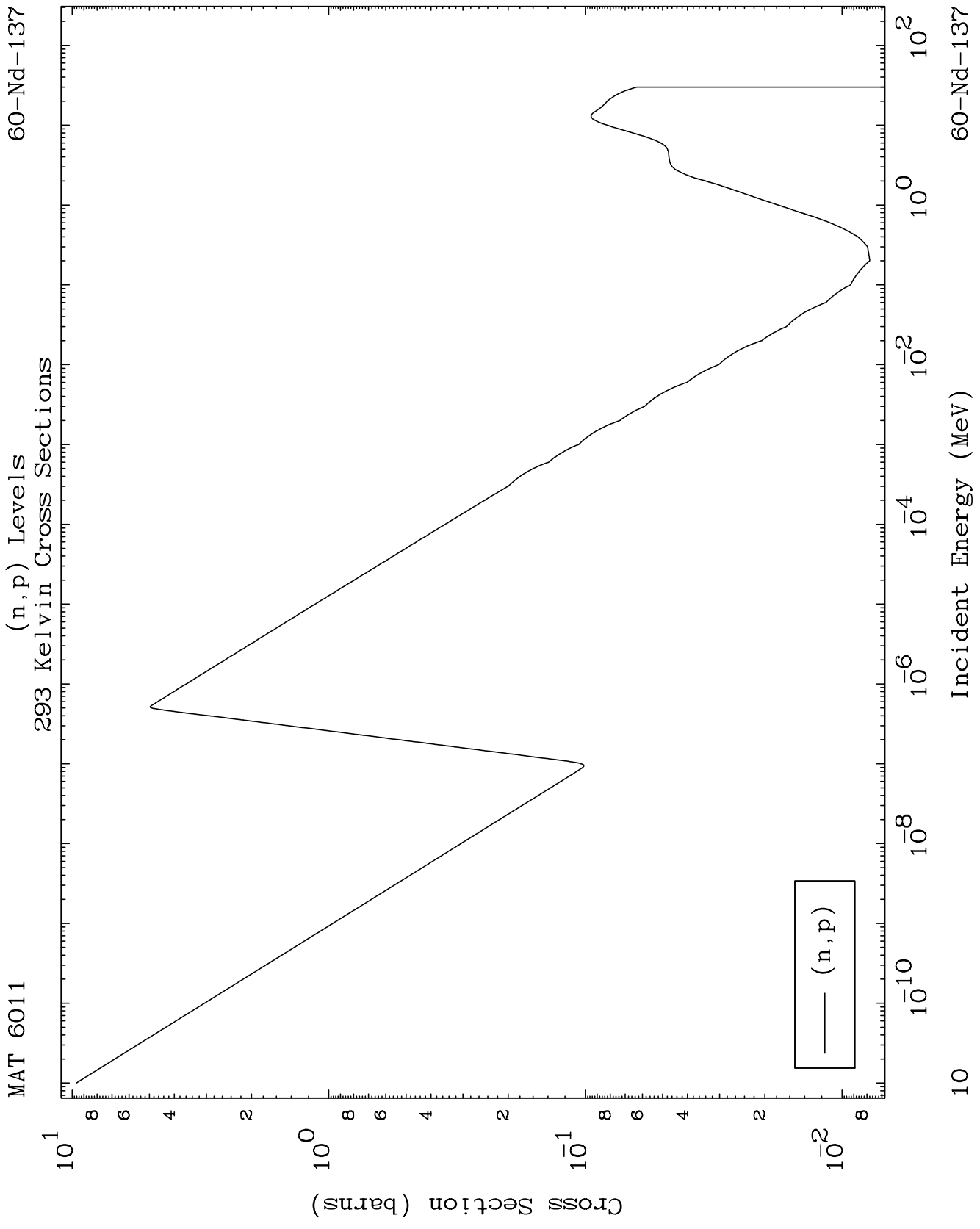
293 Kelvin Cross Sections



9

Incident Energy (MeV)

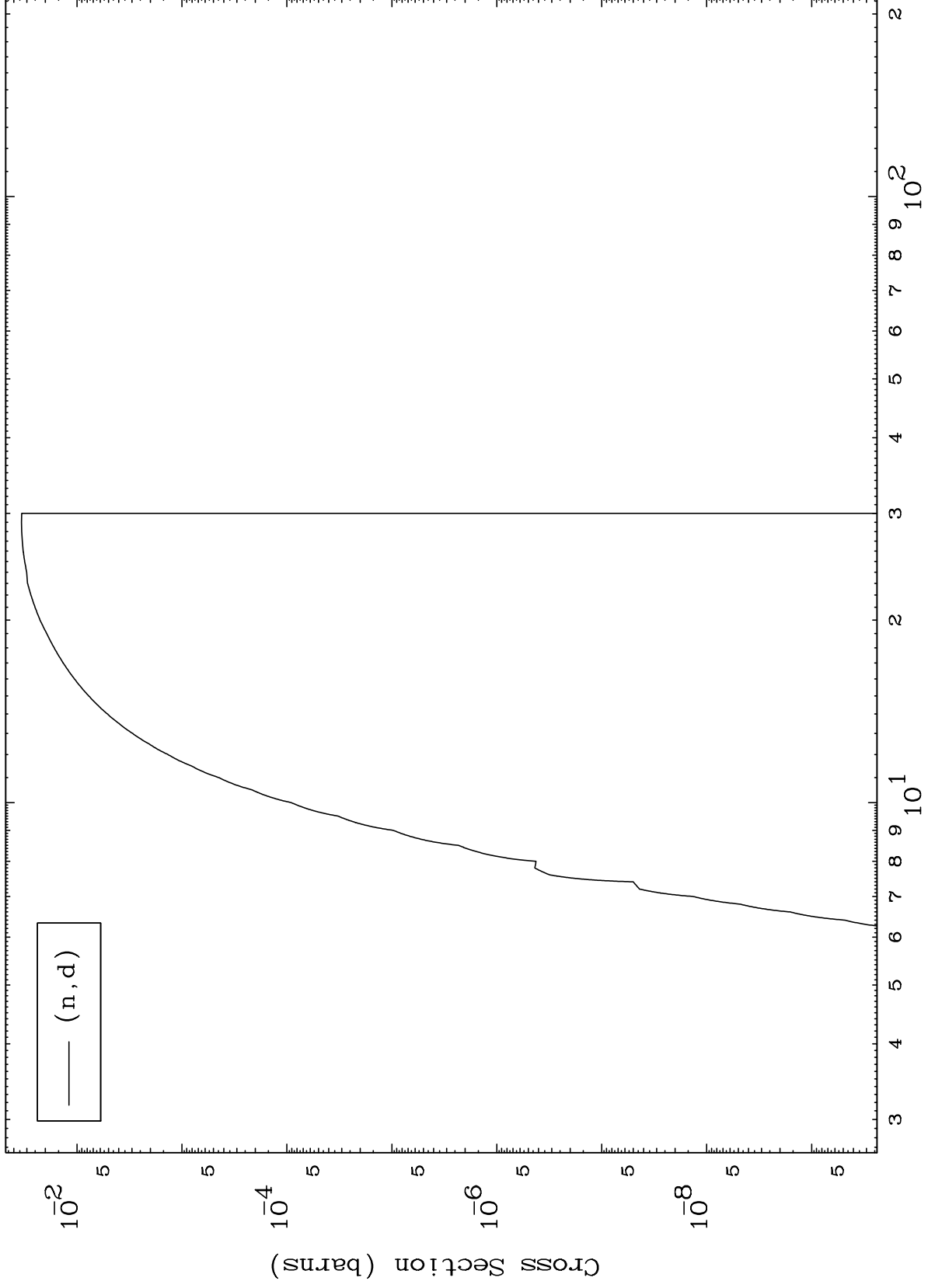
60-Nd-137



MAT 6011

(n,d) Levels
293 Kelvin Cross Sections

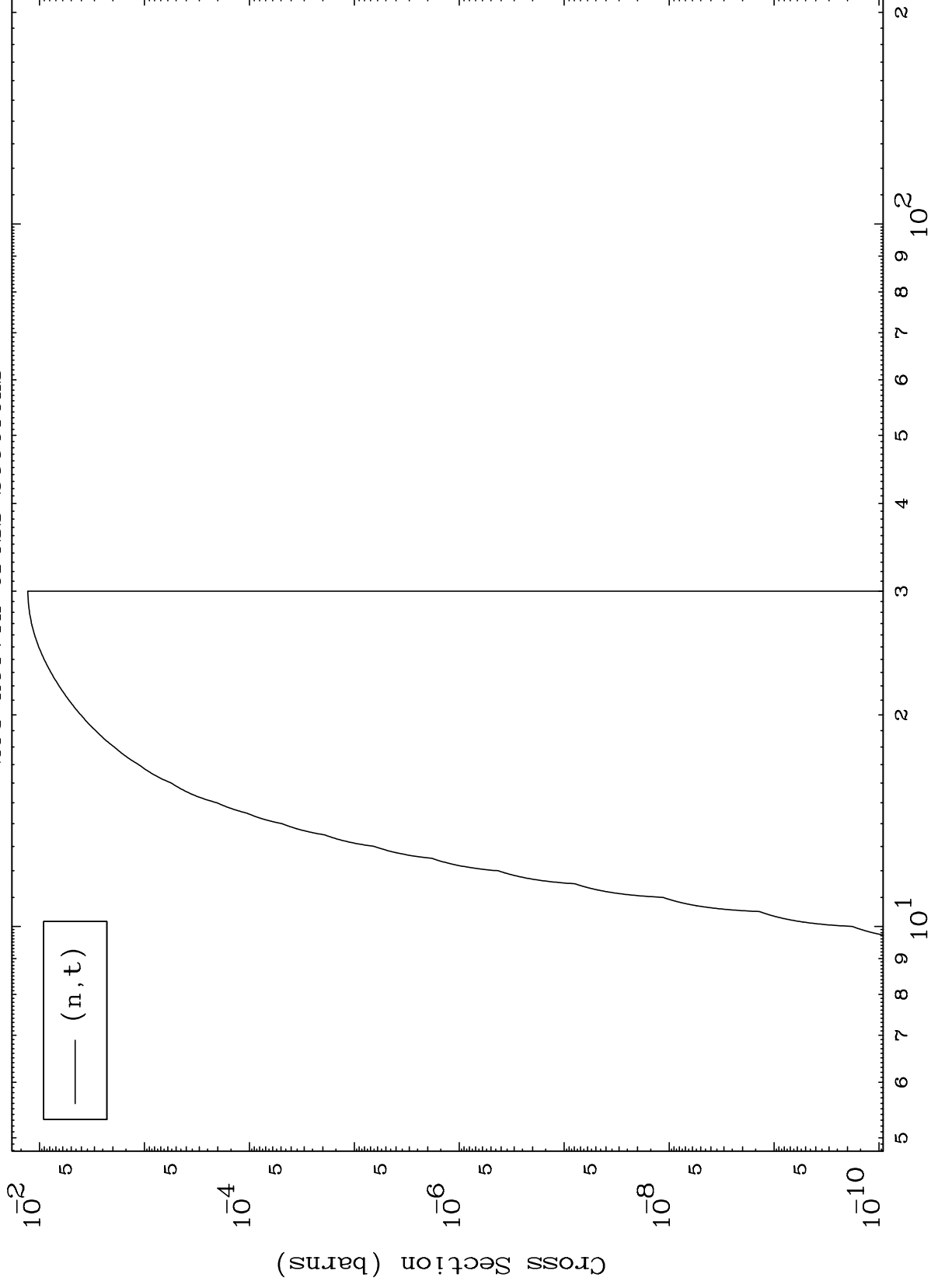
60-Nd-137



MAT 6011

(n,t) Levels
293 Kelvin Cross Sections

60-Nd-137



12

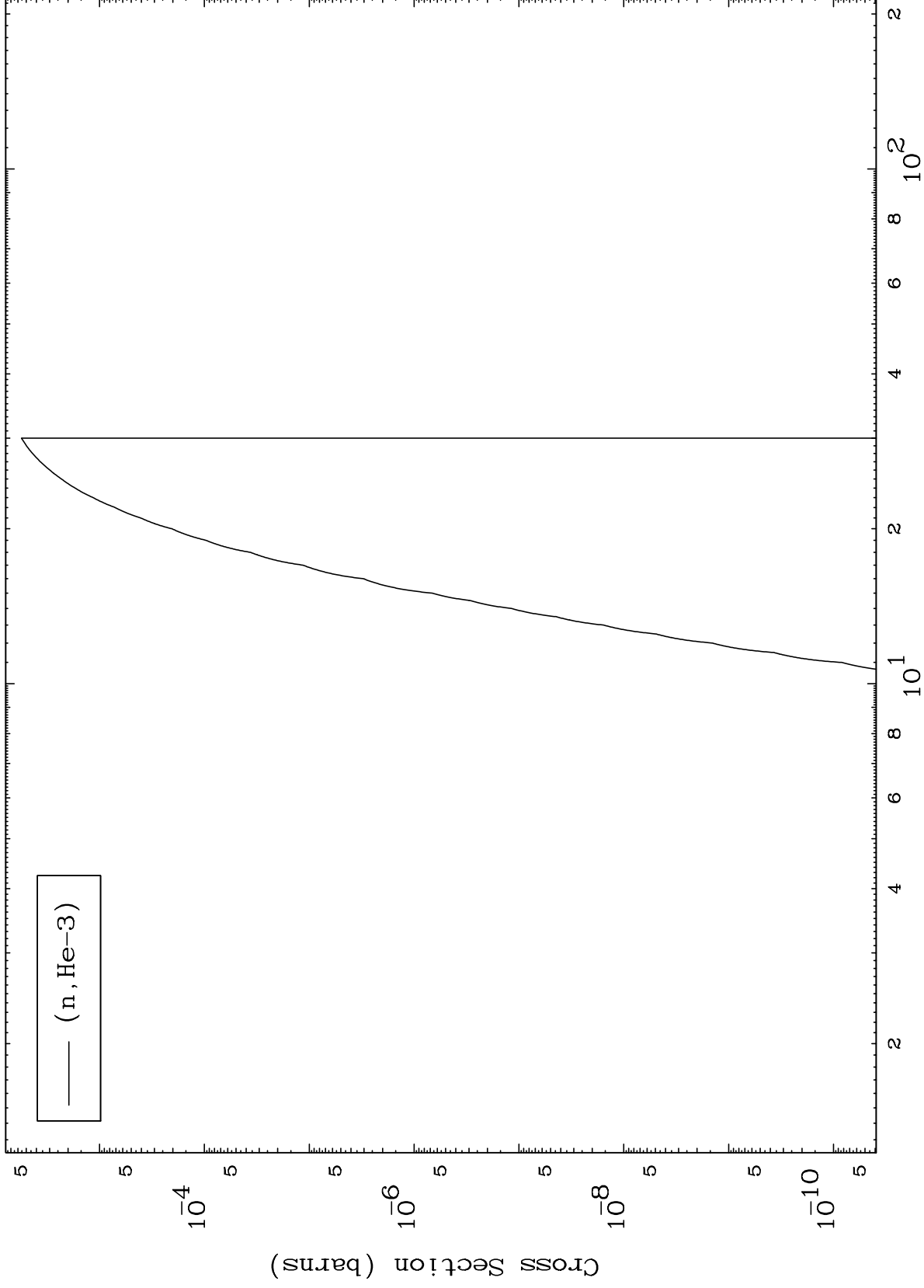
Incident Energy (MeV)

60-Nd-137

MAT 6011

(n,He3) Levels
293 Kelvin Cross Sections

60-Nd-137



13

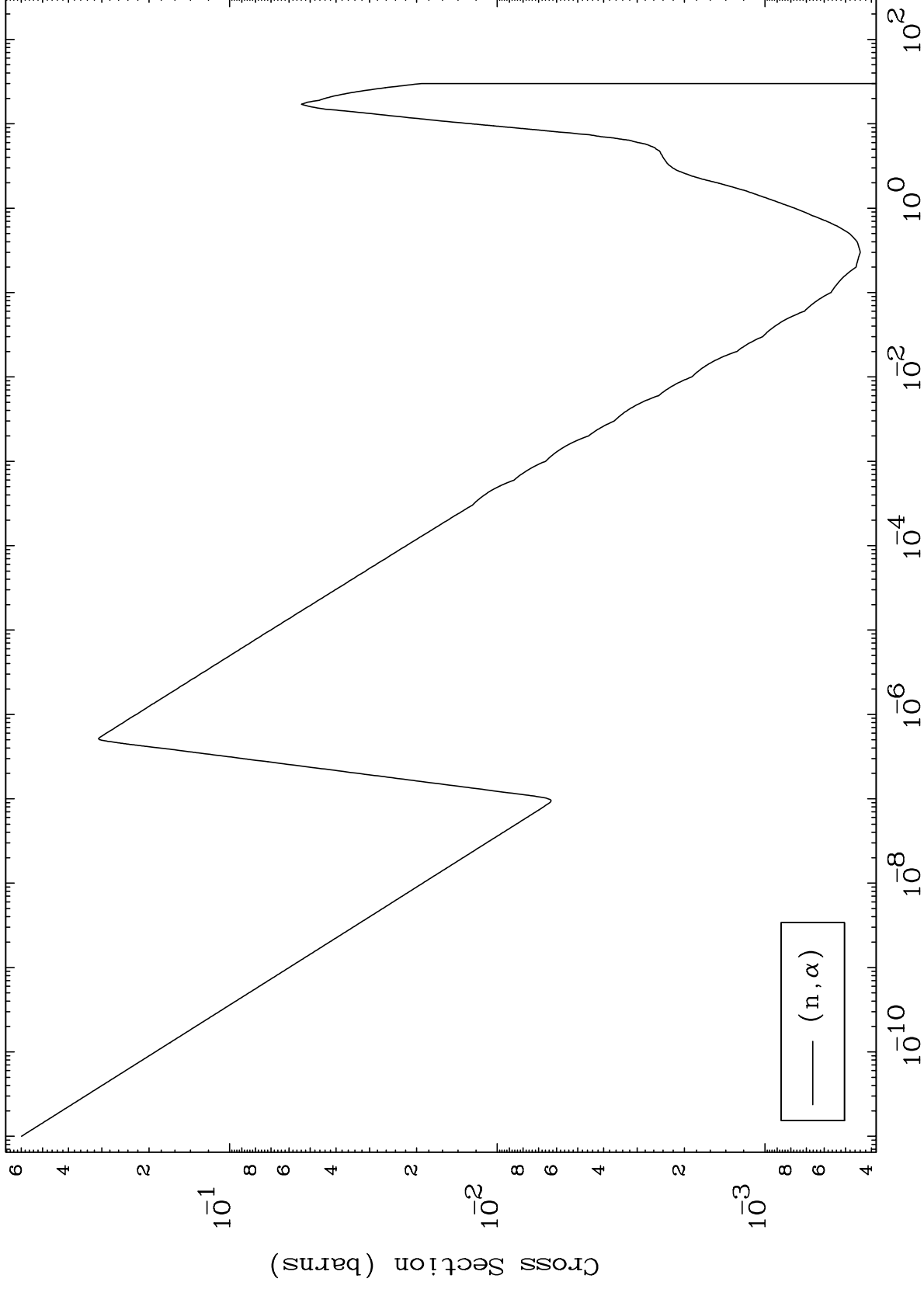
Incident Energy (MeV)

60-Nd-137

MAT 6011

(n,α) Levels
293 Kelvin Cross Sections

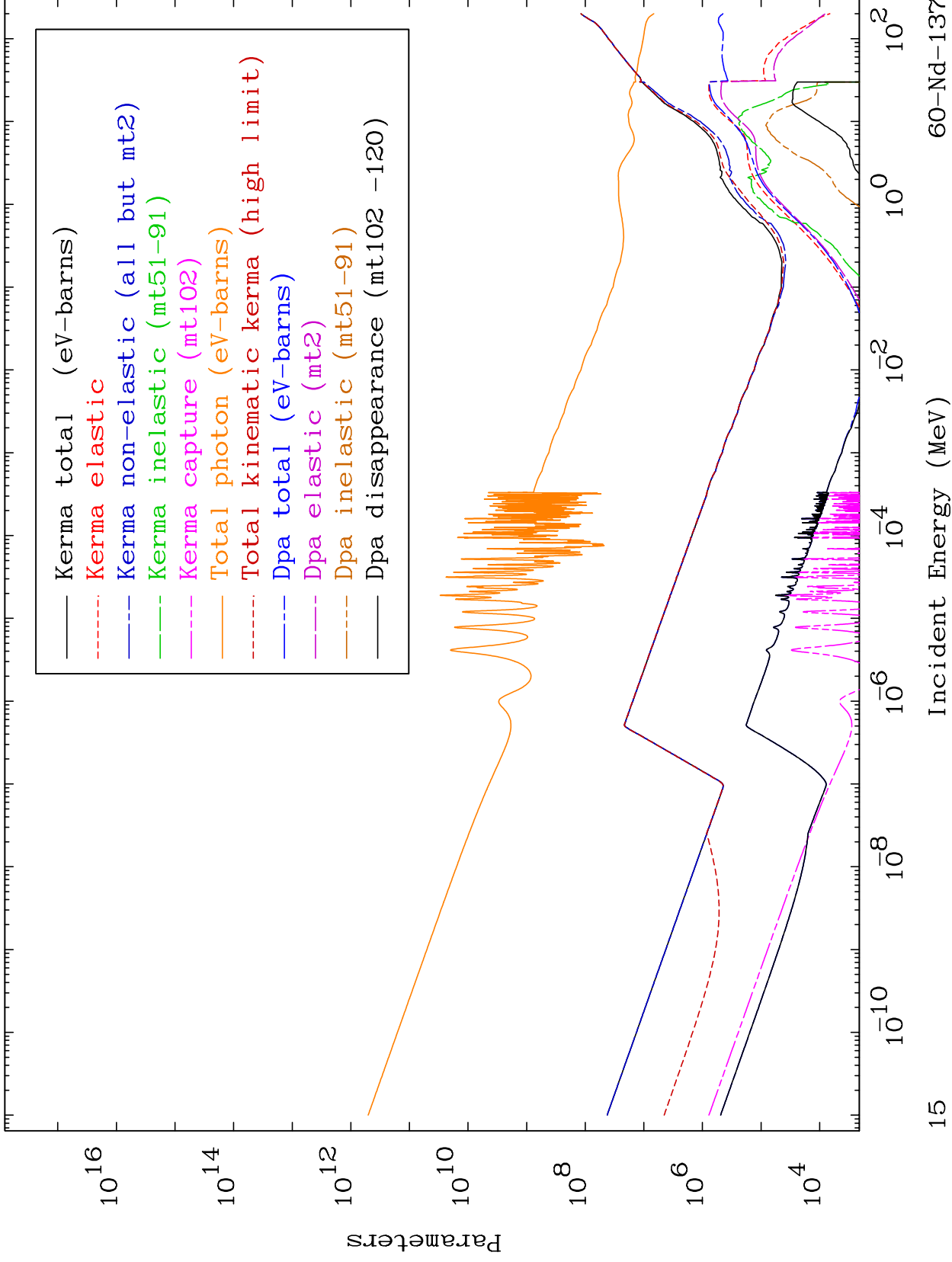
60-Nd-137

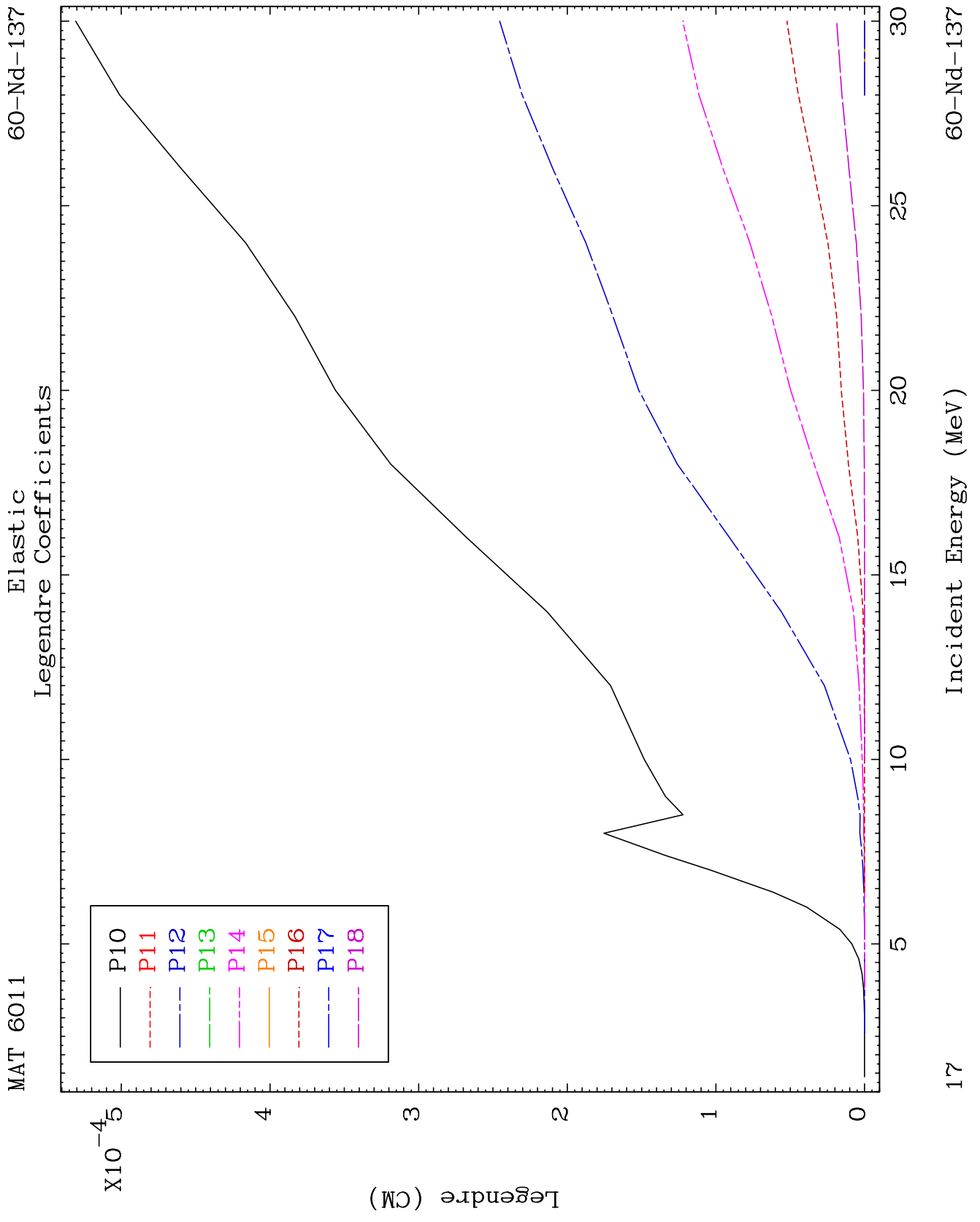


14

Incident Energy (MeV)

60-Nd-137

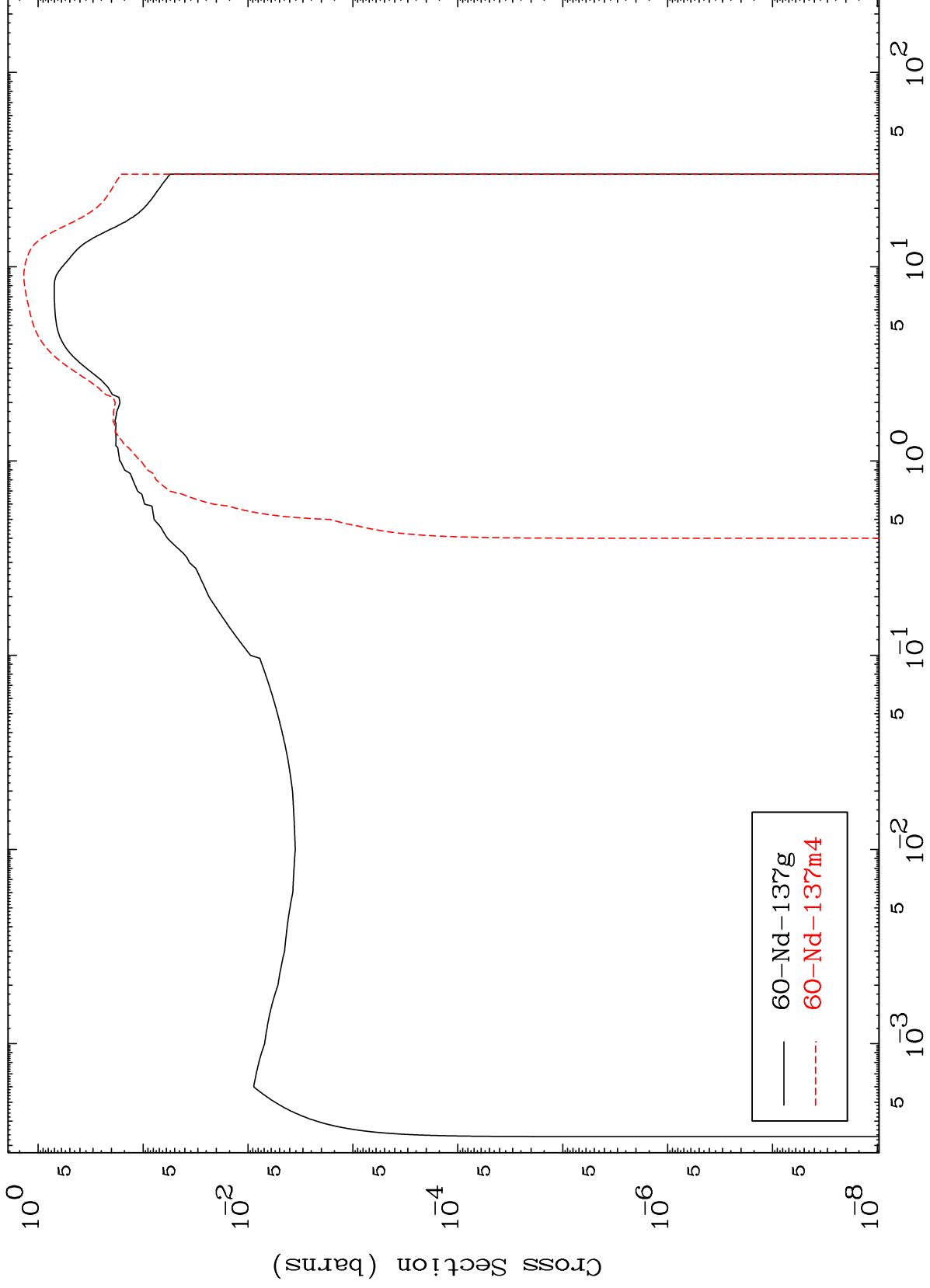




MAT 6011

60-Nd-137

Inelastic
Radionuclide Production Cross Section



19

Incident Energy (MeV)

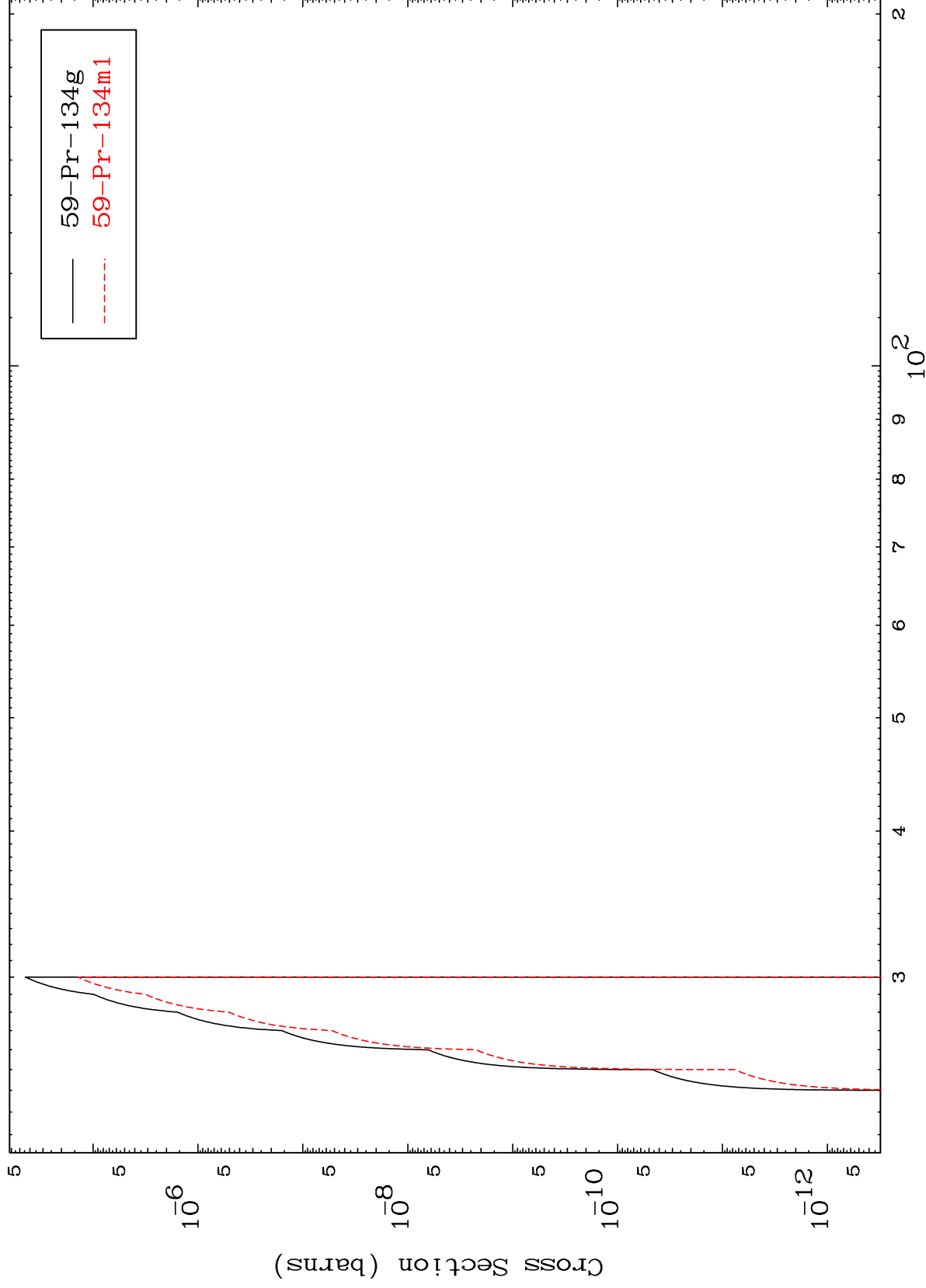
60-Nd-137

MAT 6011

(n,2n) d

60-Nd-137

Radionuclide Production Cross Section



20

Incident Energy (MeV)

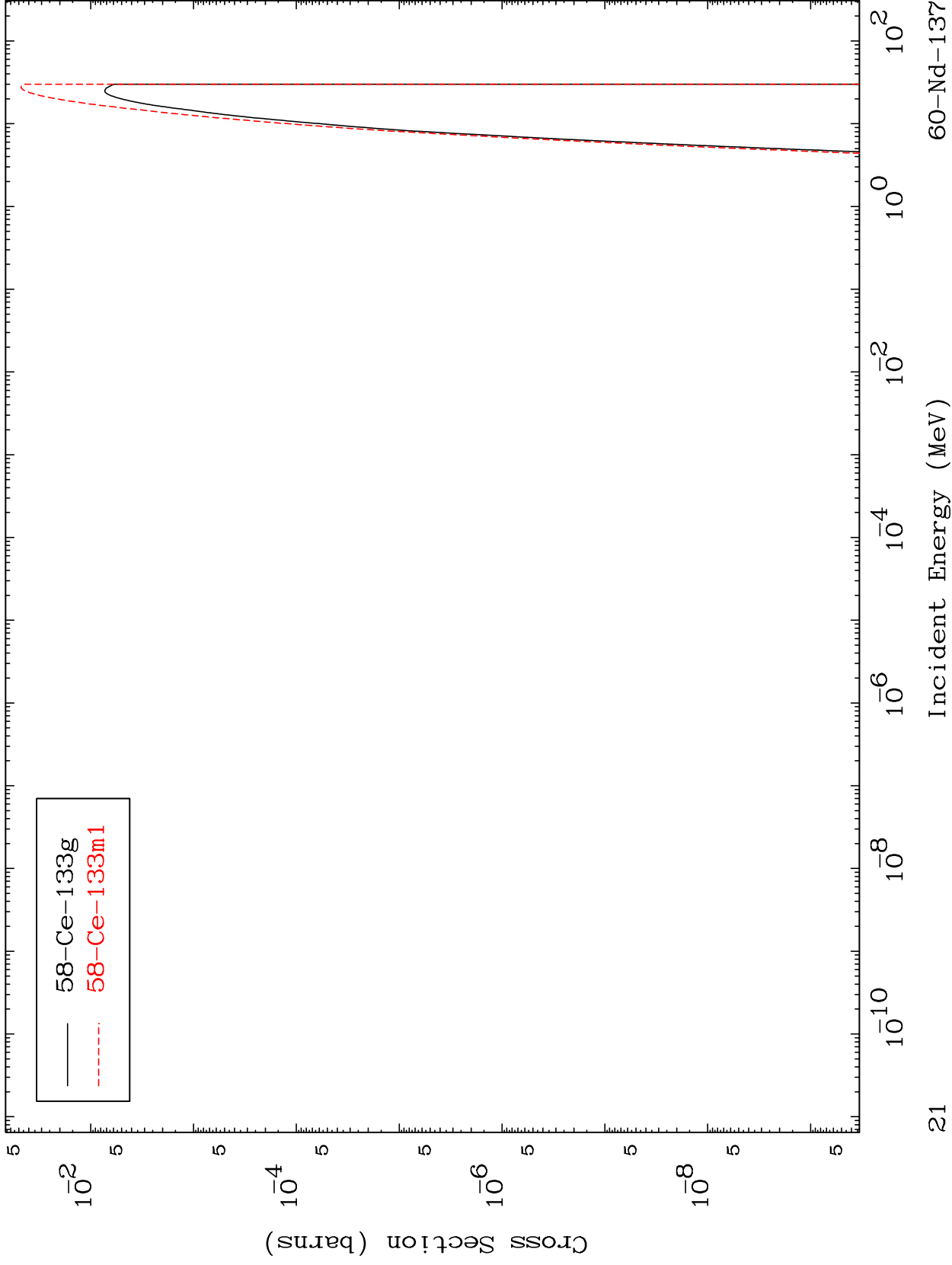
60-Nd-137

MAT 6011

(n, n') α

$^{60}\text{Nd-137}$

Radionuclide Production Cross Section

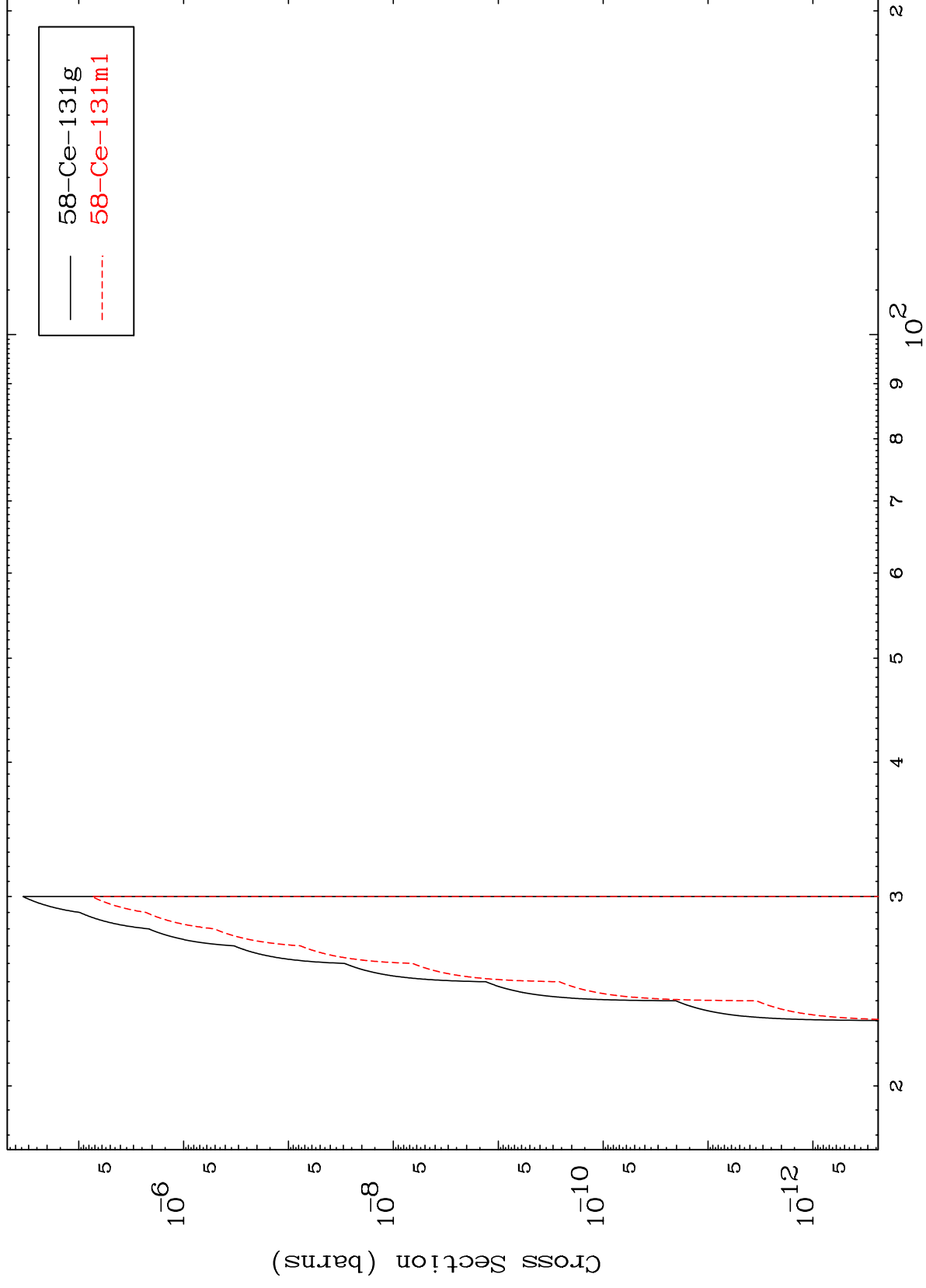


MAT 6011

(n,3n) α

60-Nd-137

Radionuclide Production Cross Section



22

Incident Energy (MeV)

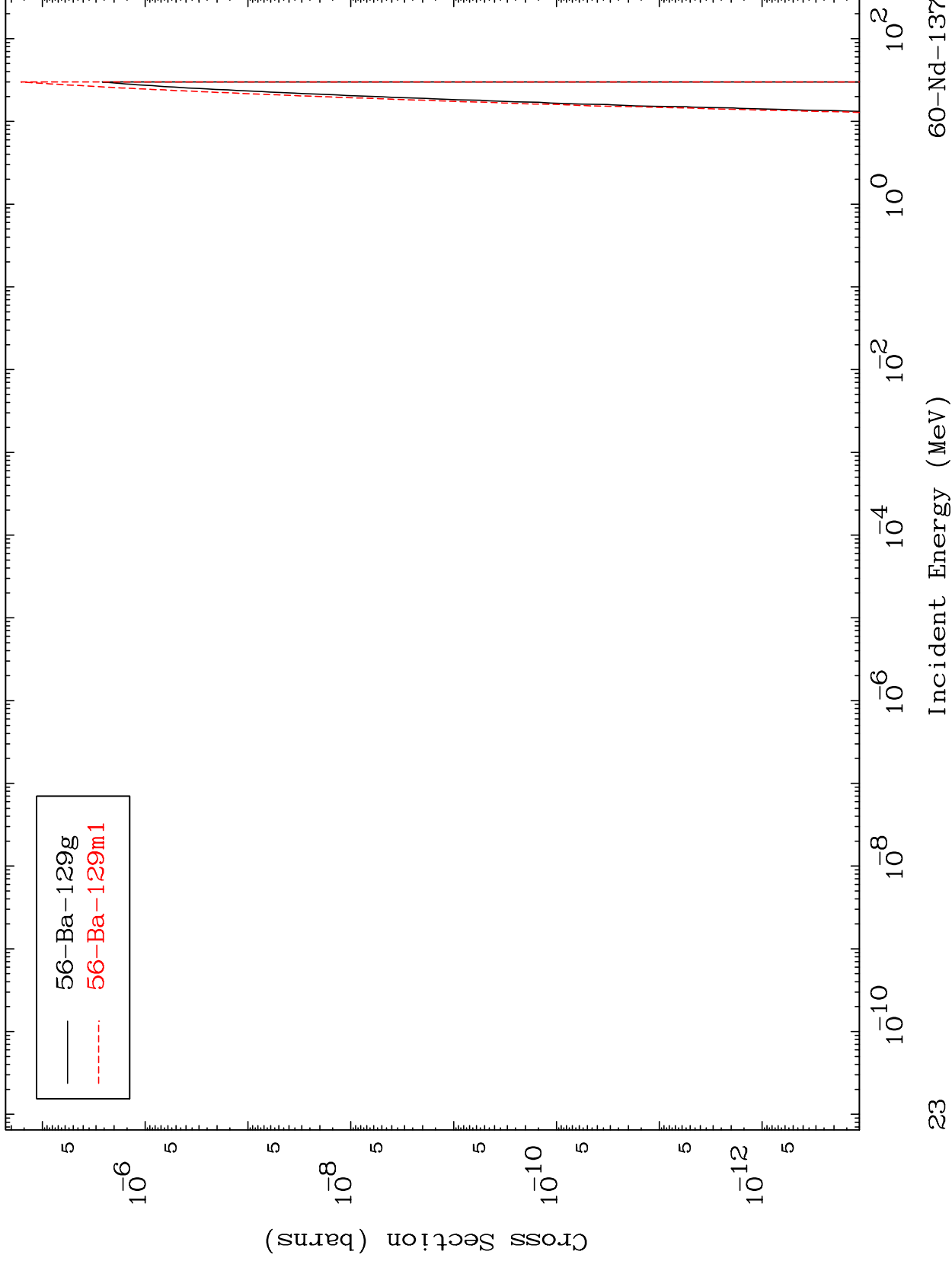
60-Nd-137

MAT 6011

(n,n') 2 α

60-Nd-137

Radionuclide Production Cross Section

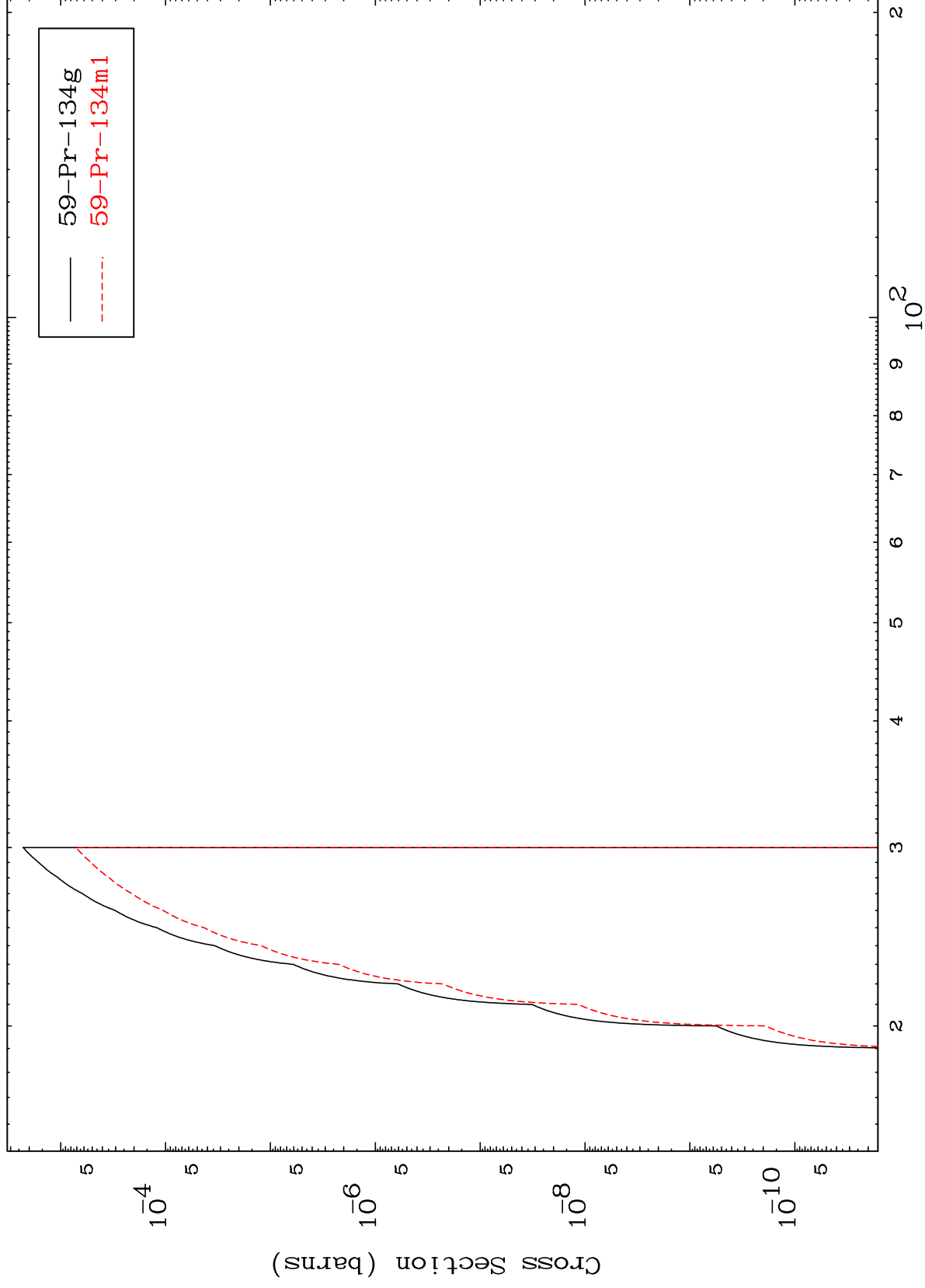


MAT 6011

(n,n') t

60-Nd-137

Radionuclide Production Cross Section



24

Incident Energy (MeV)

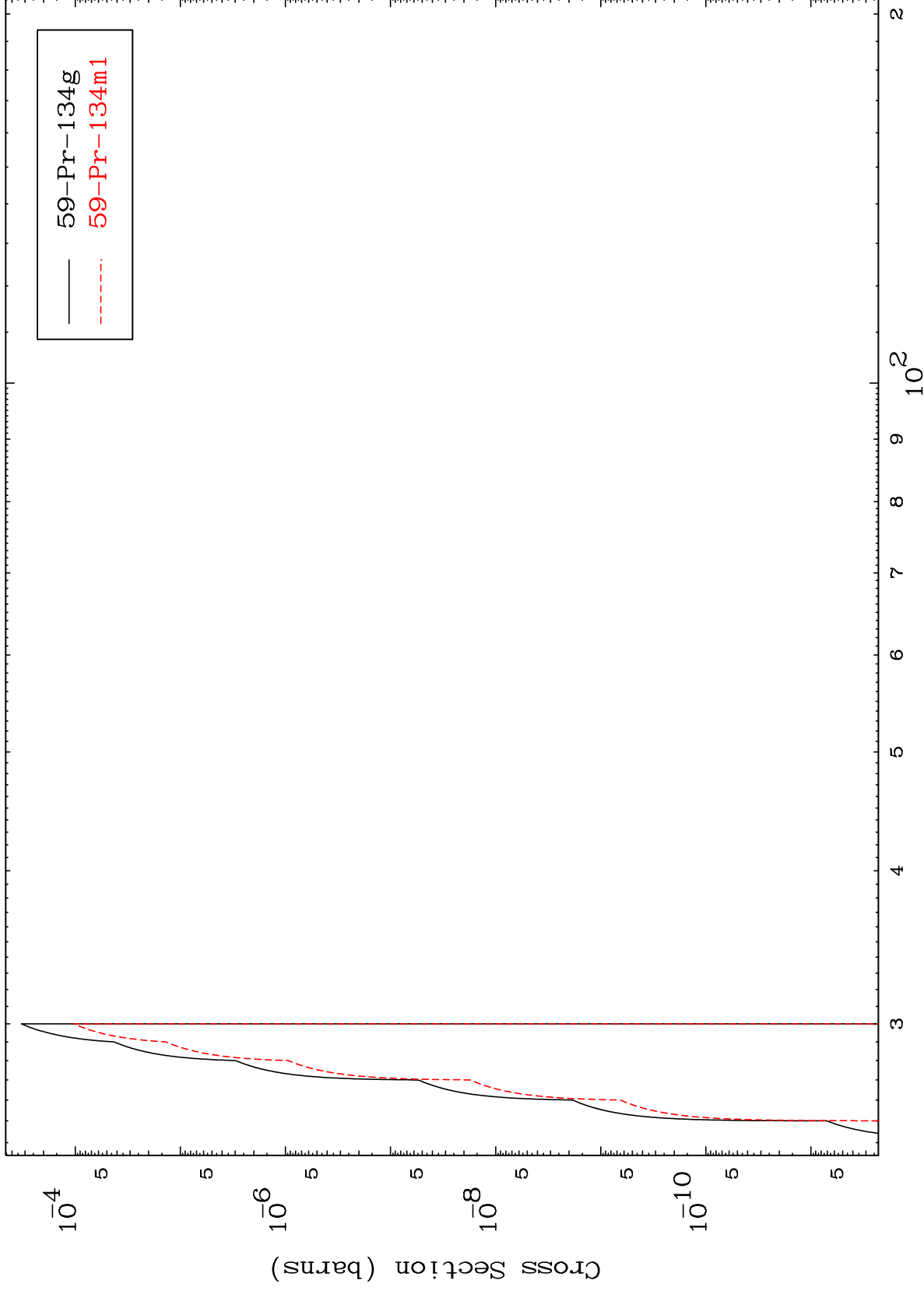
60-Nd-137

MAT 6011

(n,3n) p

60-Nd-137

Radionuclide Production Cross Section



25

Incident Energy (MeV)

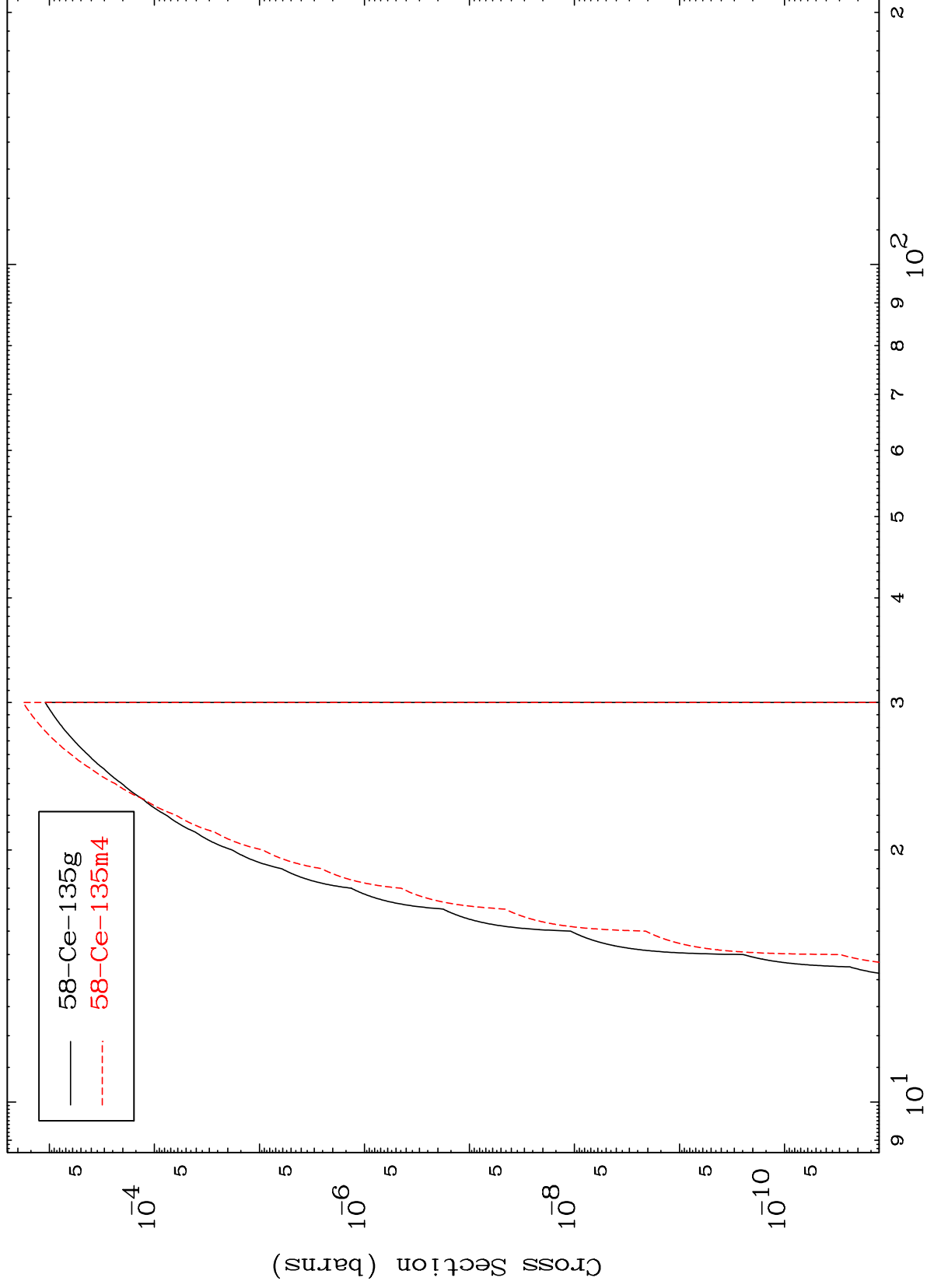
60-Nd-137

MAT 6011

(n,2n) p

60-Nd-137

Radionuclide Production Cross Section



26

Incident Energy (MeV)

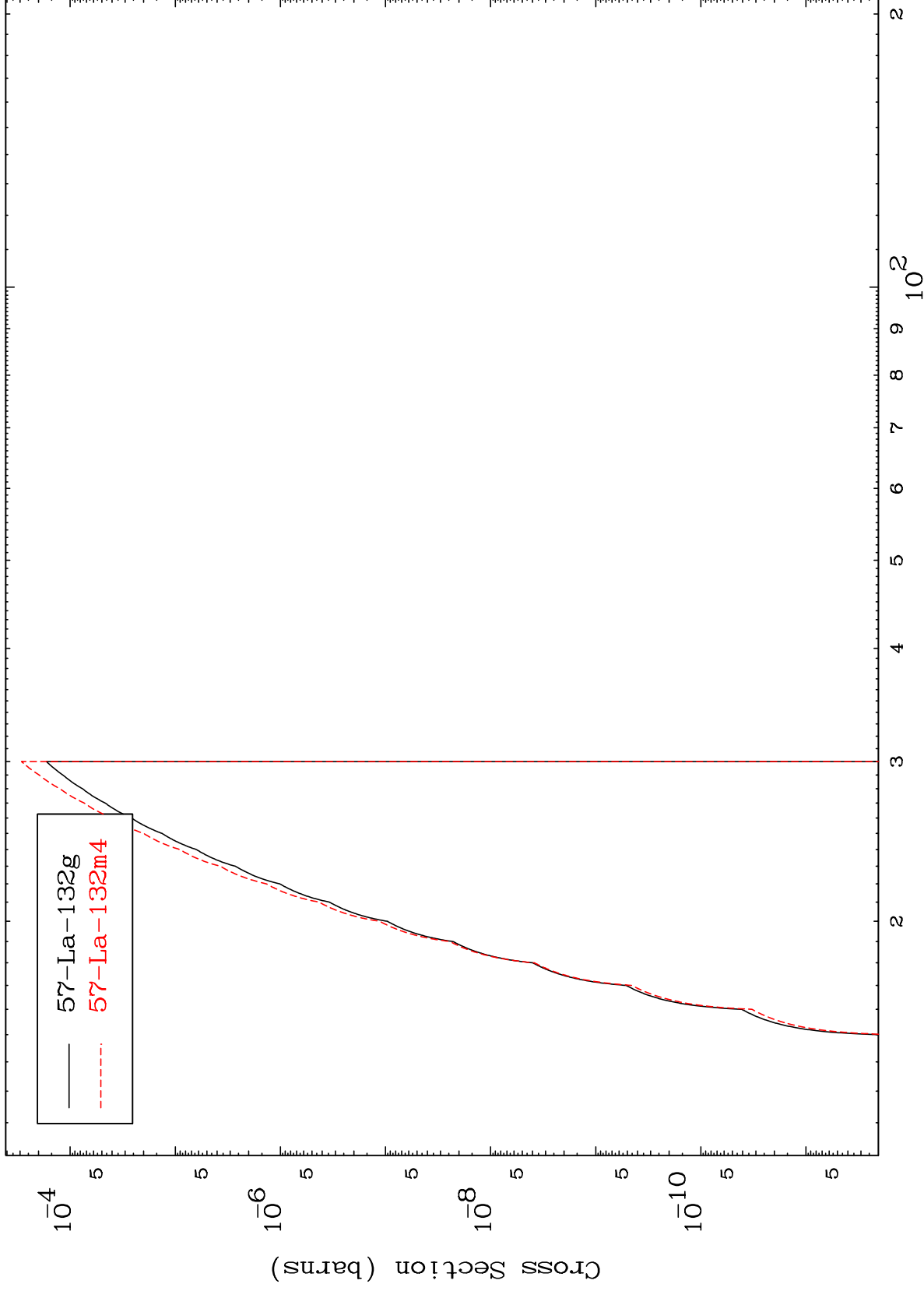
60-Nd-137

MAT 6011

(n,n') p α

60-Nd-137

Radionuclide Production Cross Section



27

Incident Energy (MeV)

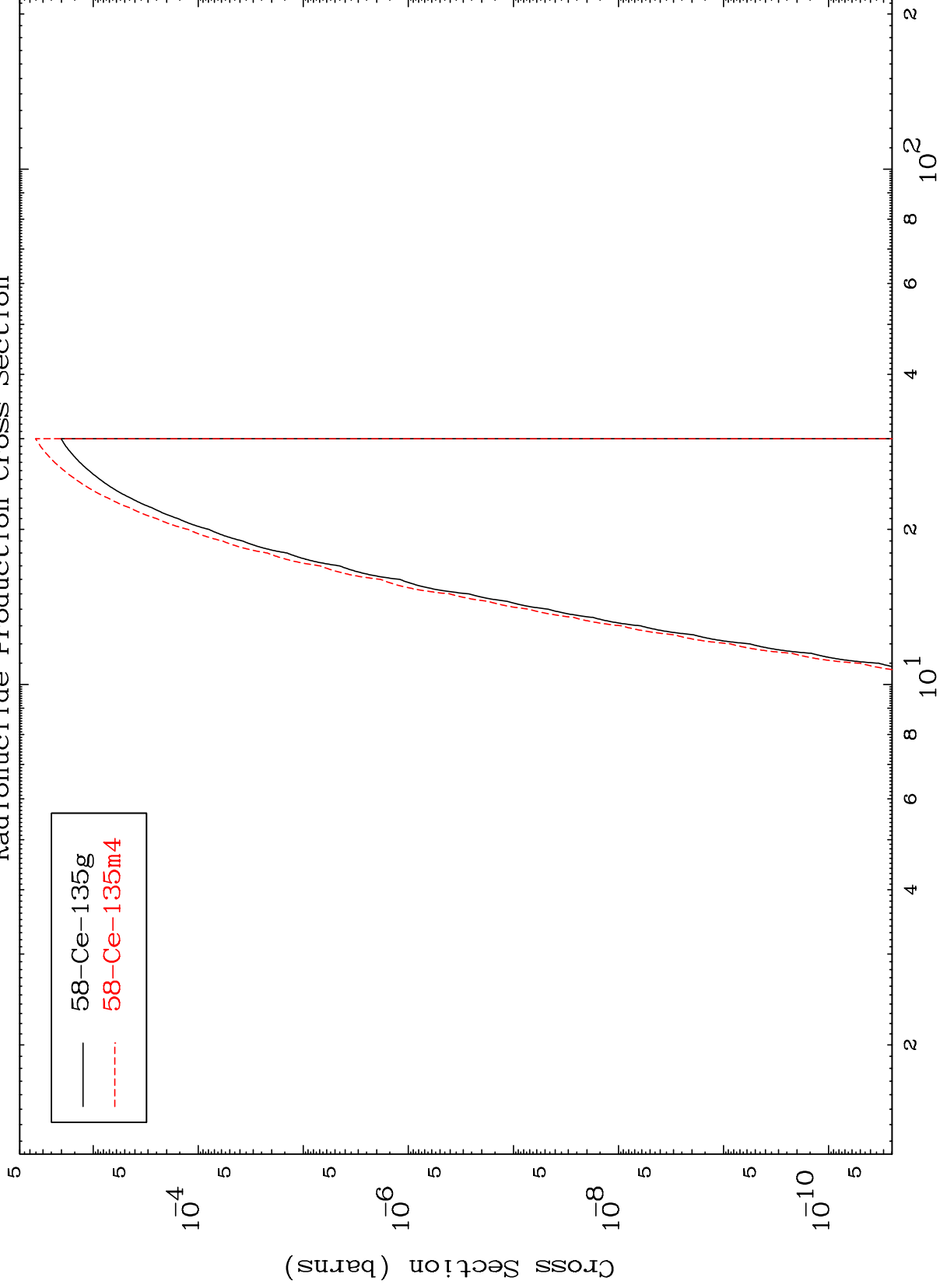
60-Nd-137

MAT 6011

(n,He-3)

60-Nd-137

Radionuclide Production Cross Section



28

Incident Energy (MeV)

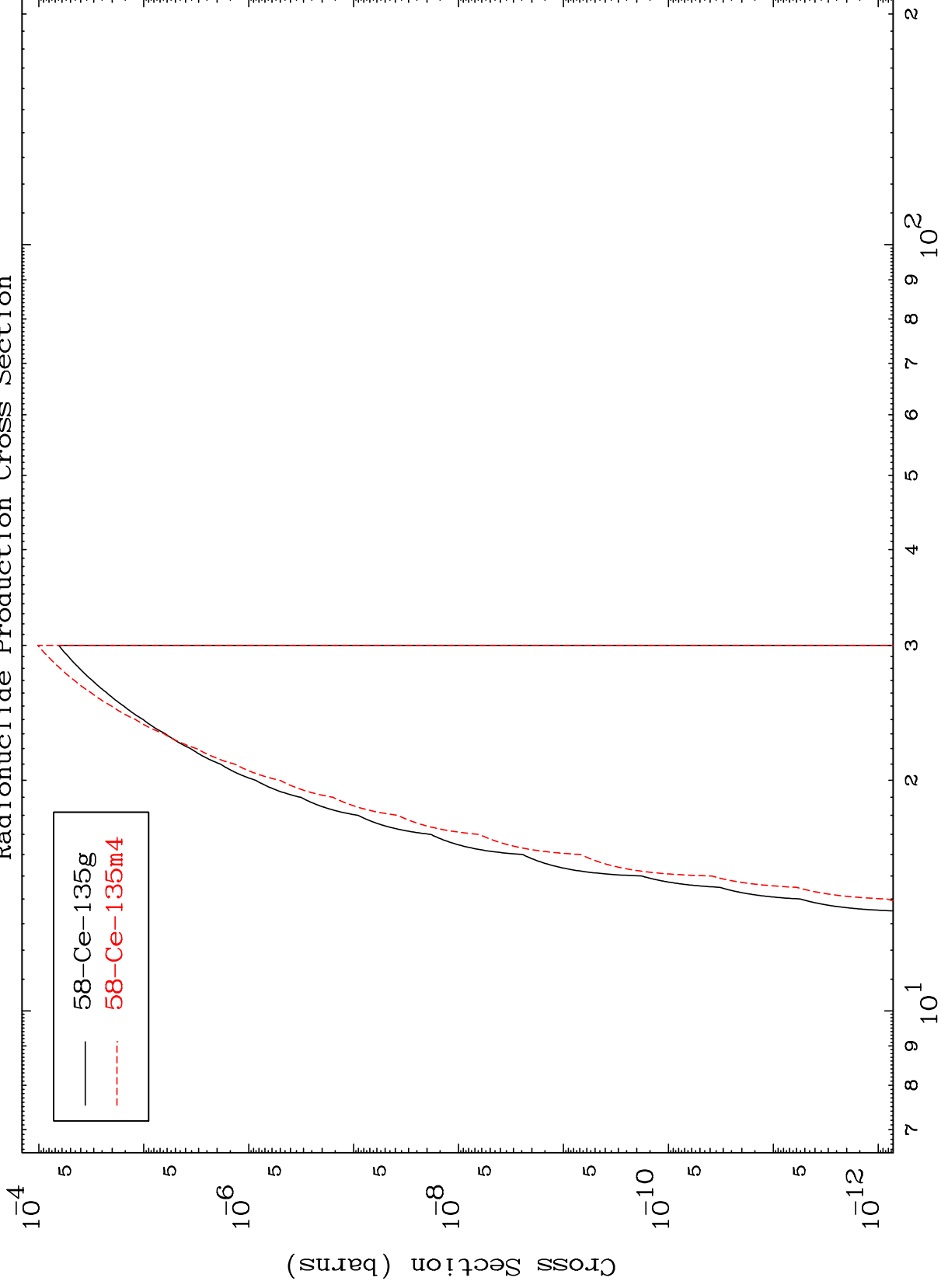
60-Nd-137

MAT 6011

(n,p) d

60-Nd-137

Radionuclide Production Cross Section



29

Incident Energy (MeV)

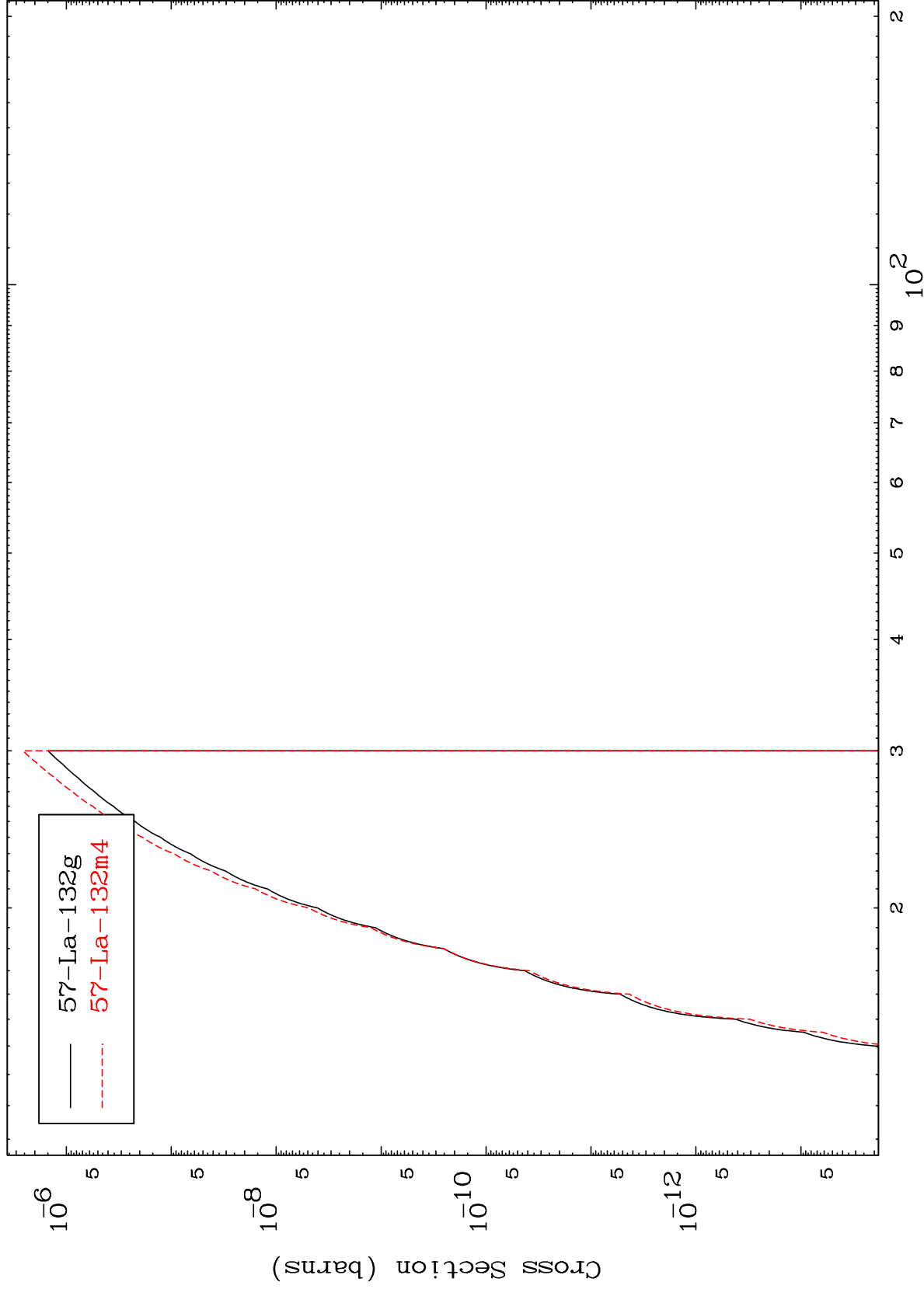
60-Nd-137

MAT 6011

60-Nd-137

(n,d) α

Radionuclide Production Cross Section



30

Incident Energy (MeV)

60-Nd-137