

Program EVALPLOT
(Version 2021-1)

by

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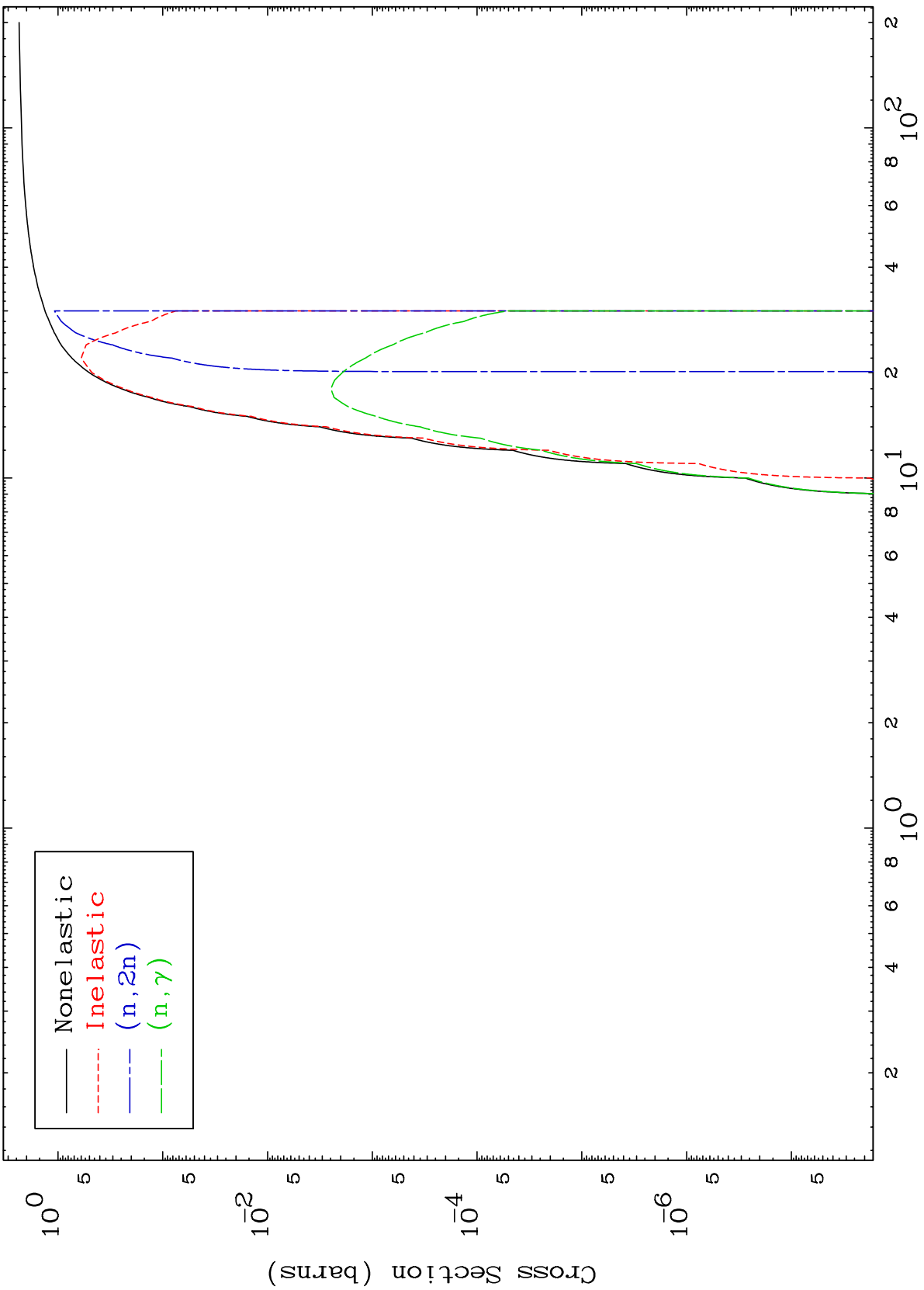
Press Mouse Button to Start

MAT 6017

α Major

60-Nd-139m

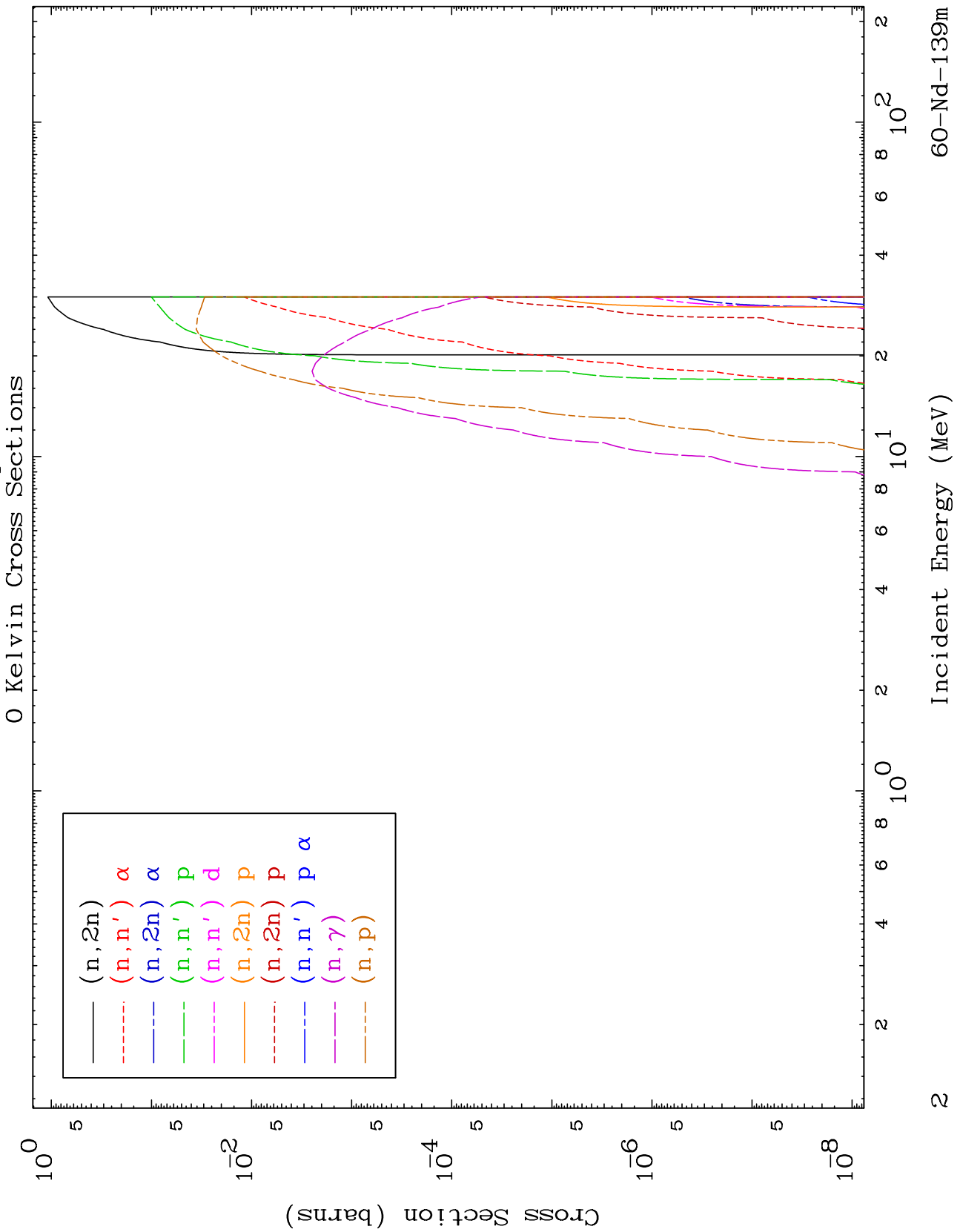
0 Kelvin Cross Sections



MAT 6017

α Neutron Absorption

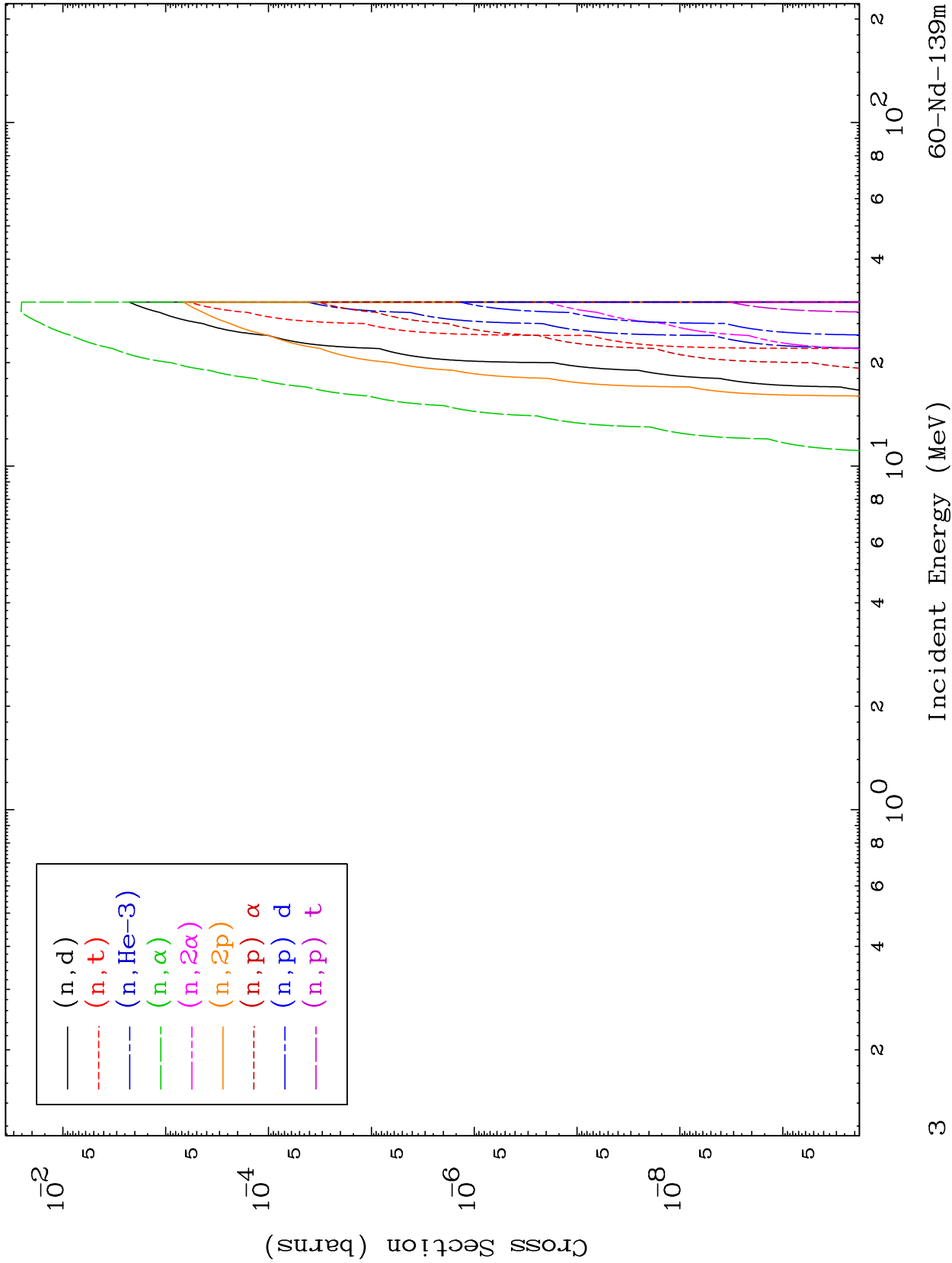
60-Nd-139m



MAT 6017

α Neutron Absorption
0 Kelvin Cross Sections

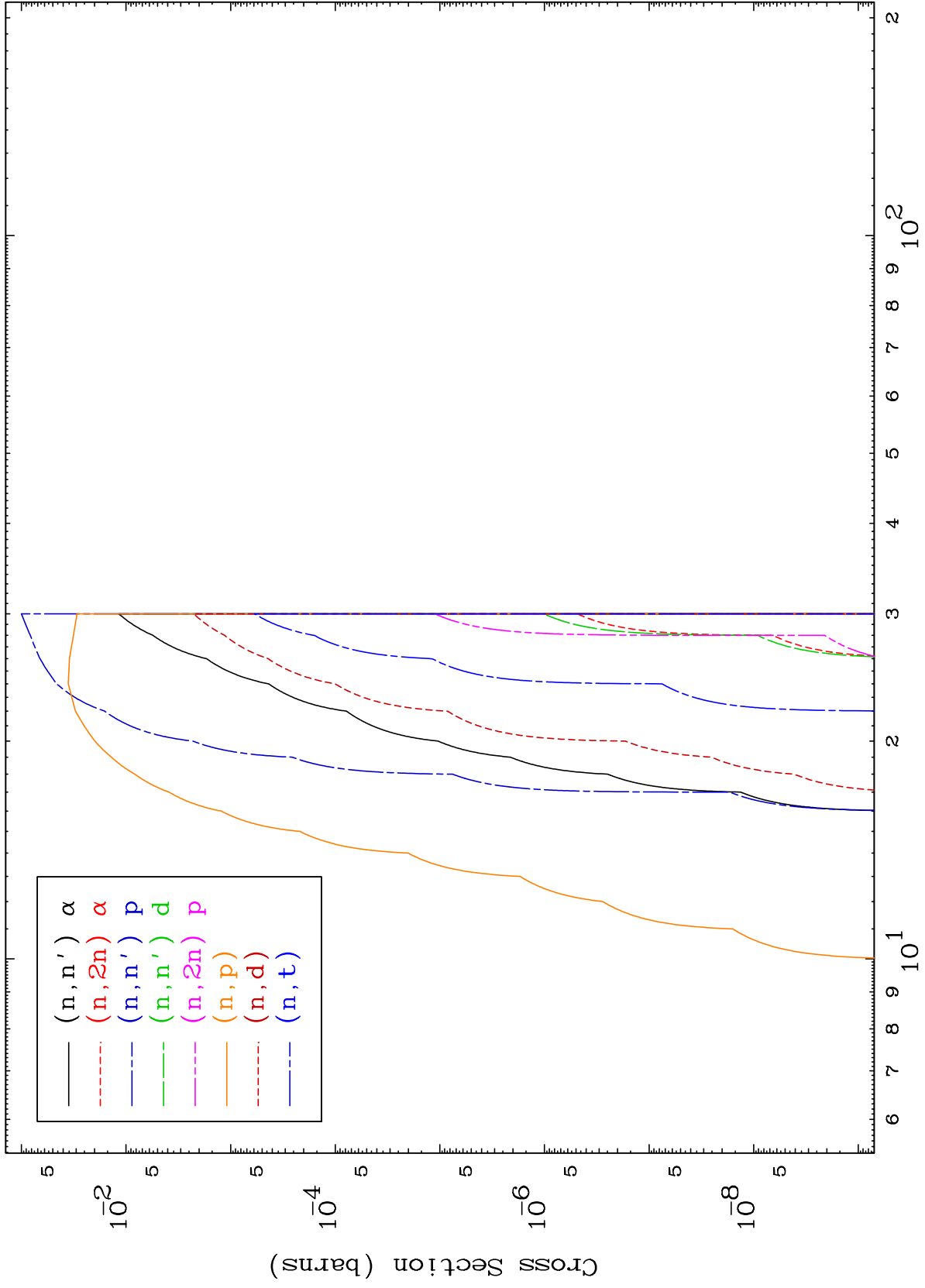
60-Nd-139m

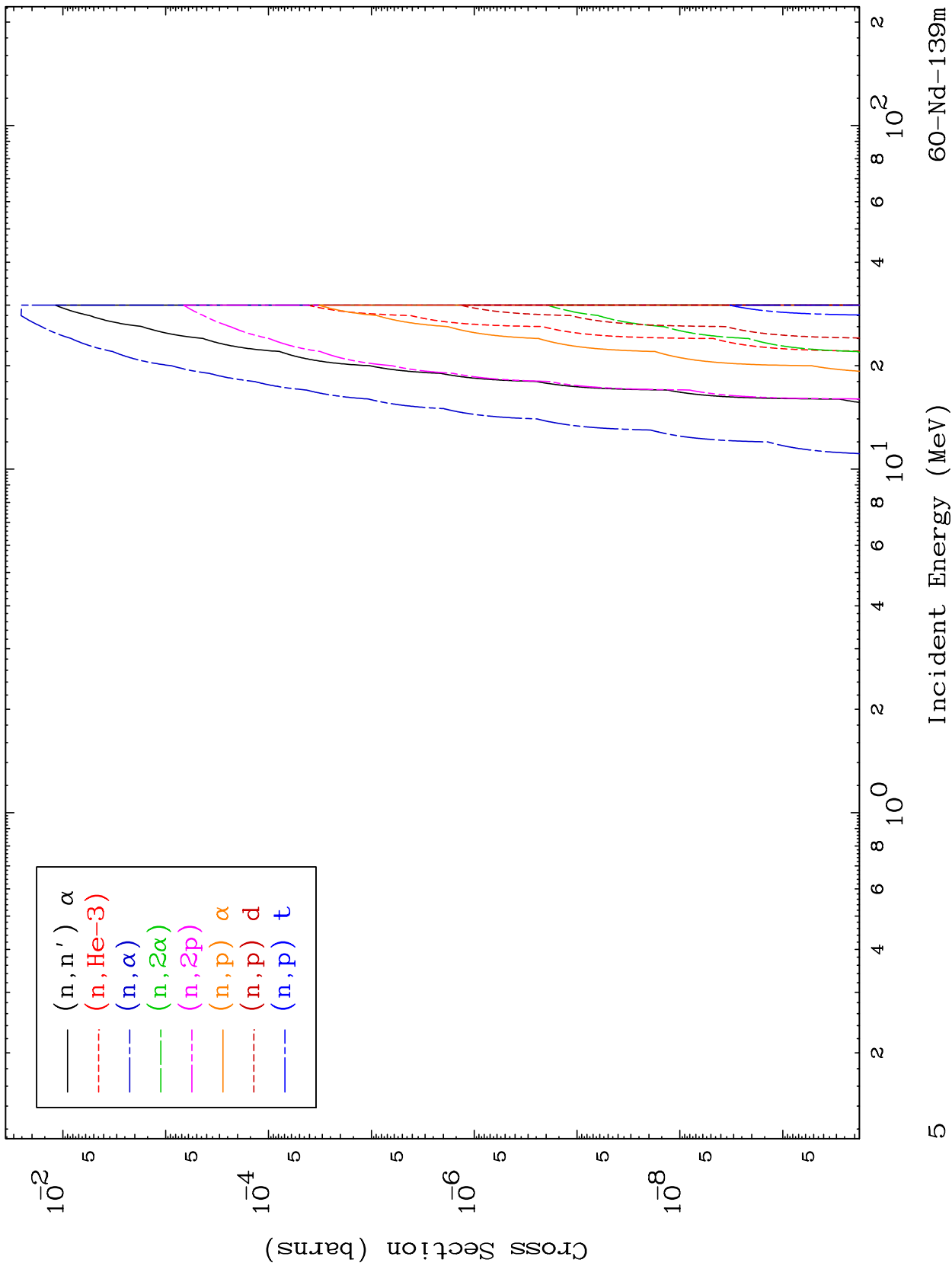


MAT 6017

α Charged Particle
0 Kelvin Cross Sections

60-Nd-139m



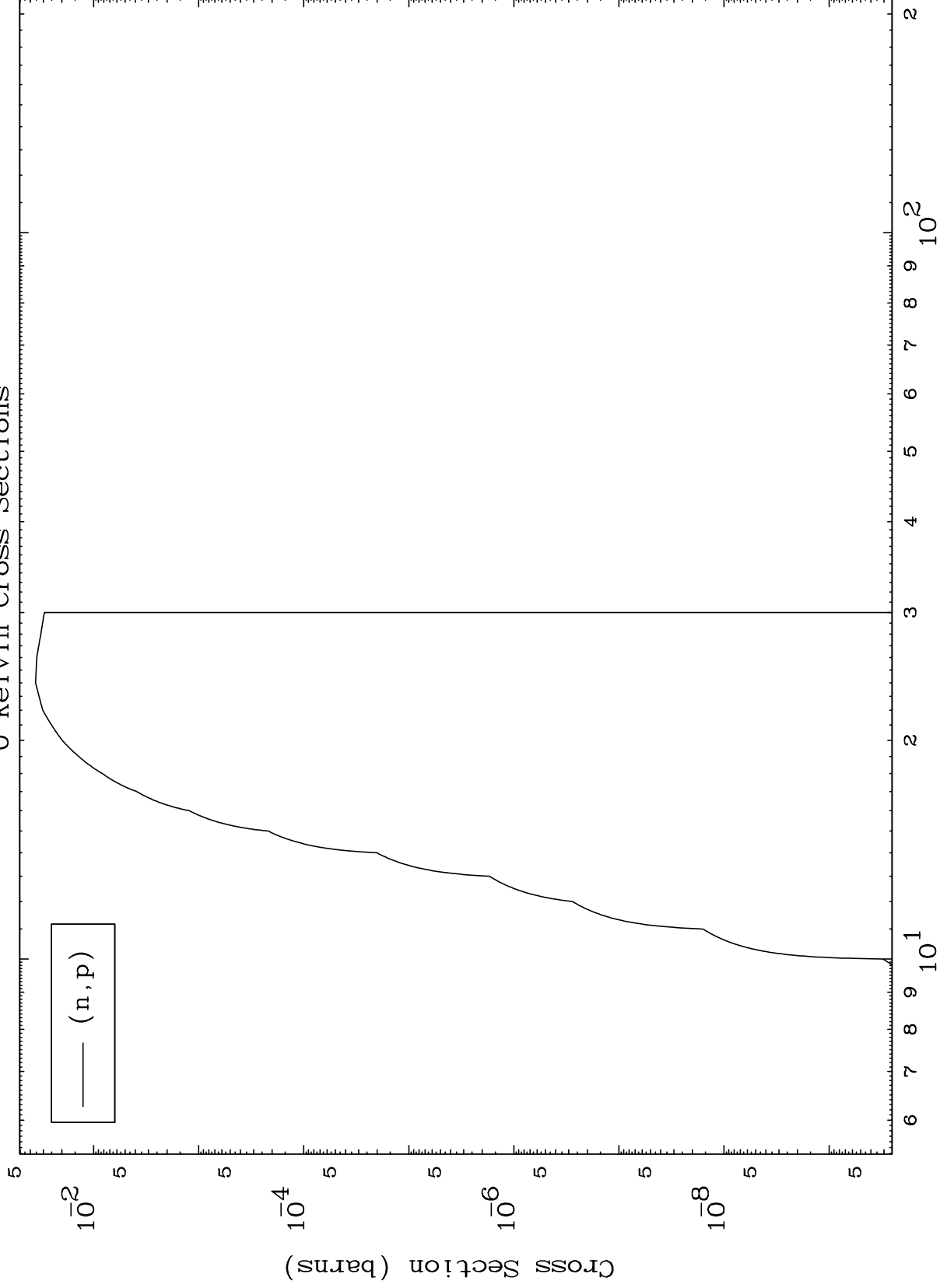


MAT 6017

(α, p) Levels

60-Nd-139m

0 Kelvin Cross Sections



6

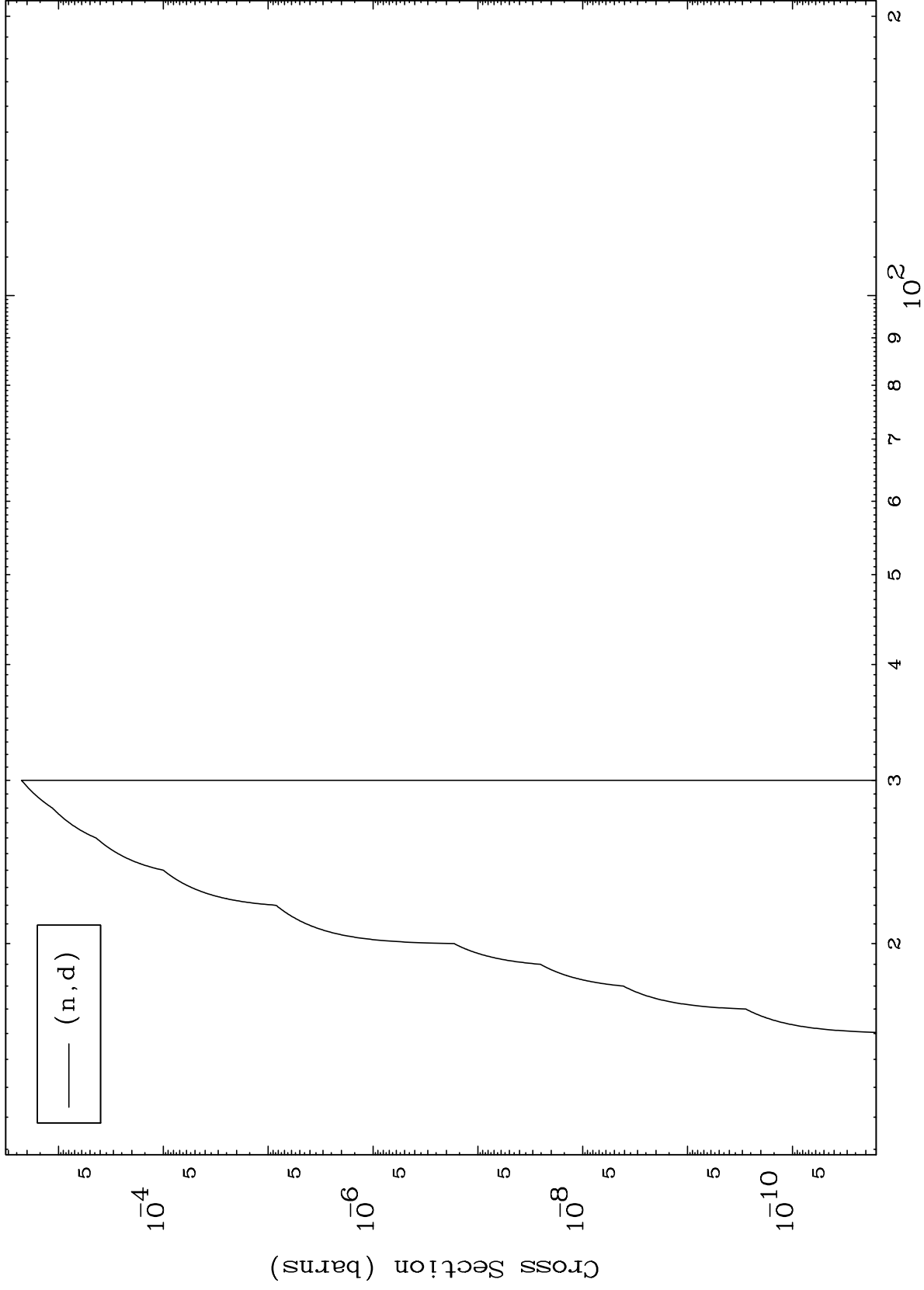
Incident Energy (MeV)

60-Nd-139m

MAT 6017

(α, d) Levels
0 Kelvin Cross Sections

60-Nd-139m



7

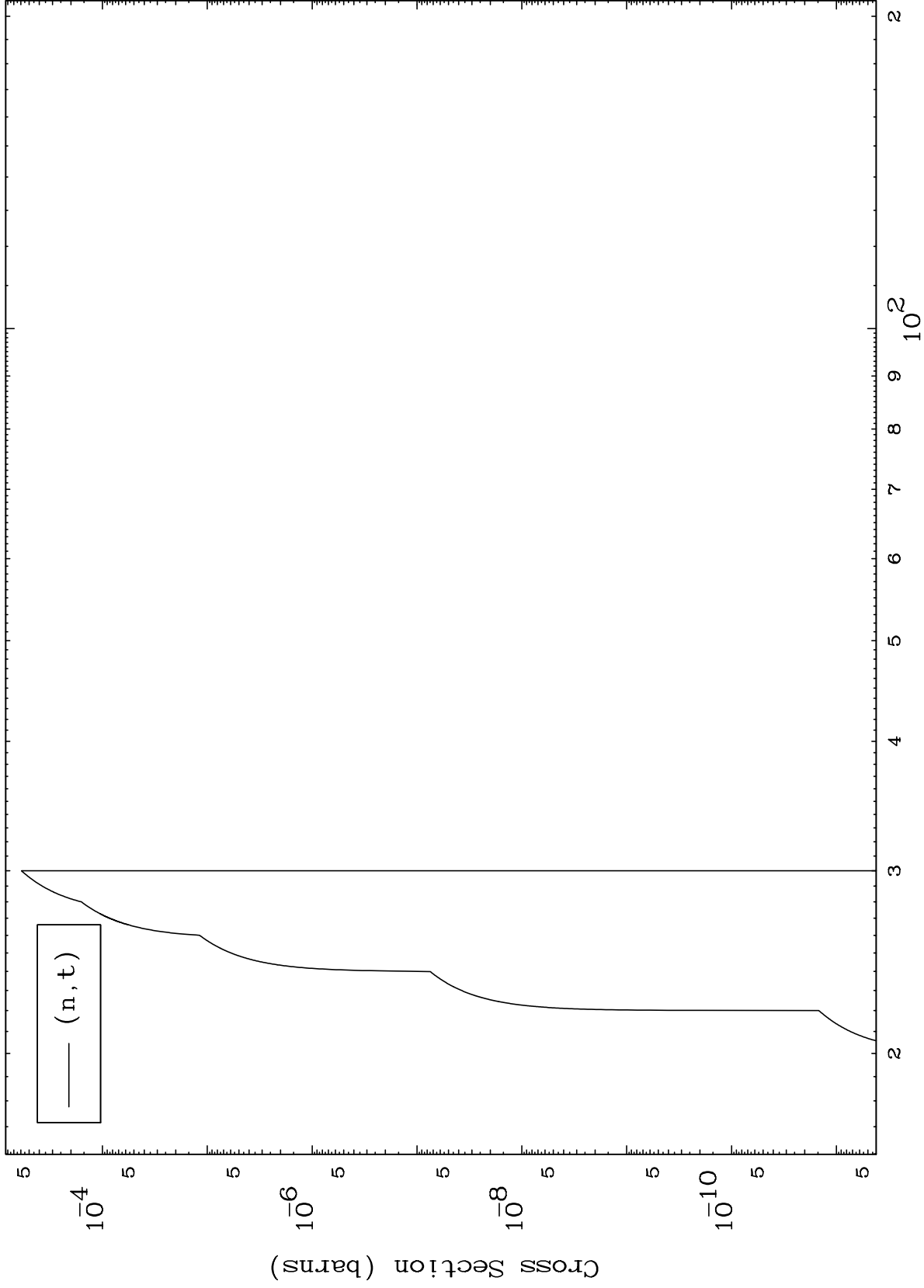
Incident Energy (MeV)

60-Nd-139m

MAT 6017

(α, t) Levels
0 Kelvin Cross Sections

60-Nd-139m



8

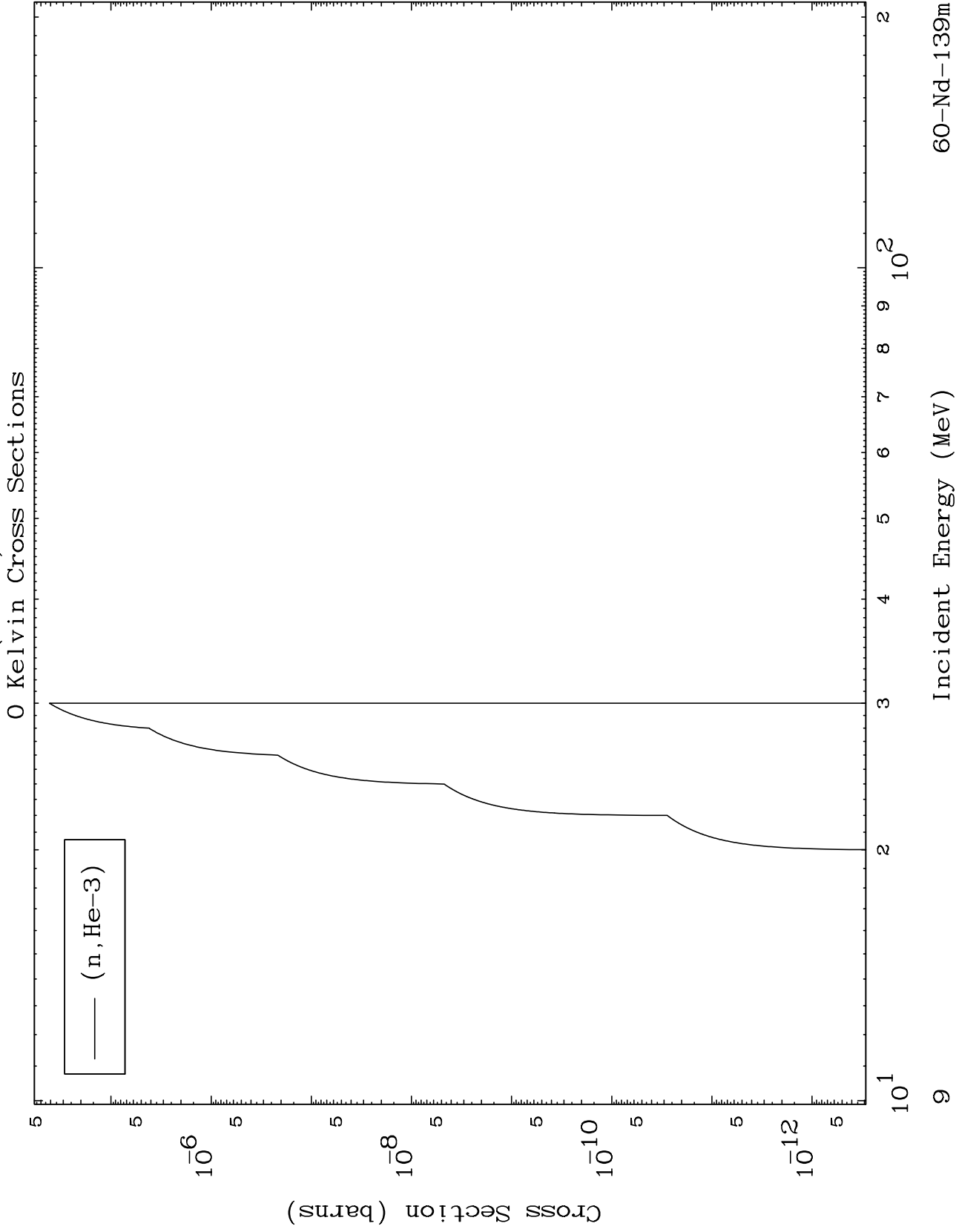
Incident Energy (MeV)

60-Nd-139m

MAT 6017

($\alpha, \text{He3}$) Levels

60-Nd-139m

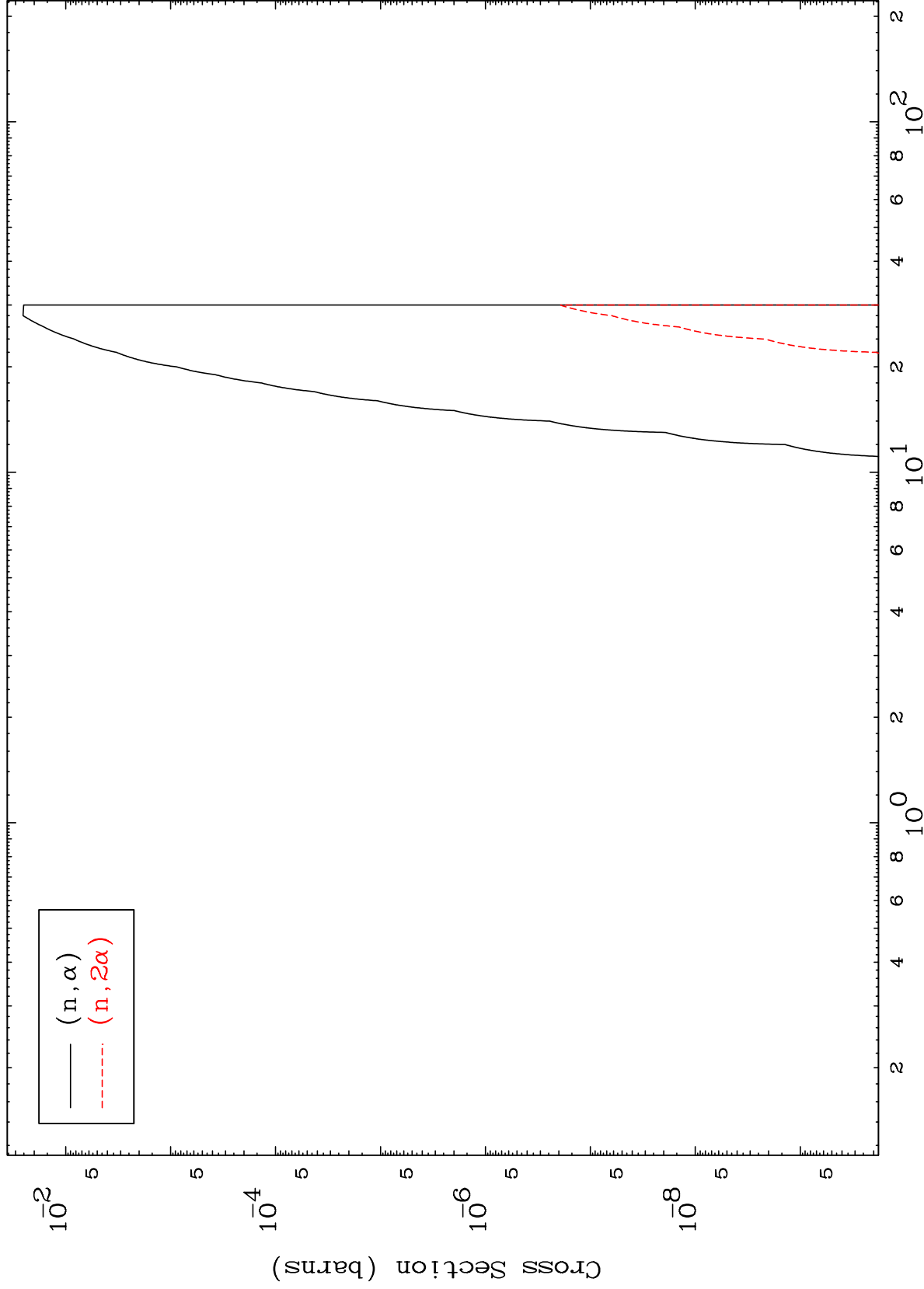


MAT 6017

(α, α) Levels

60-Nd-139m

0 Kelvin Cross Sections



10

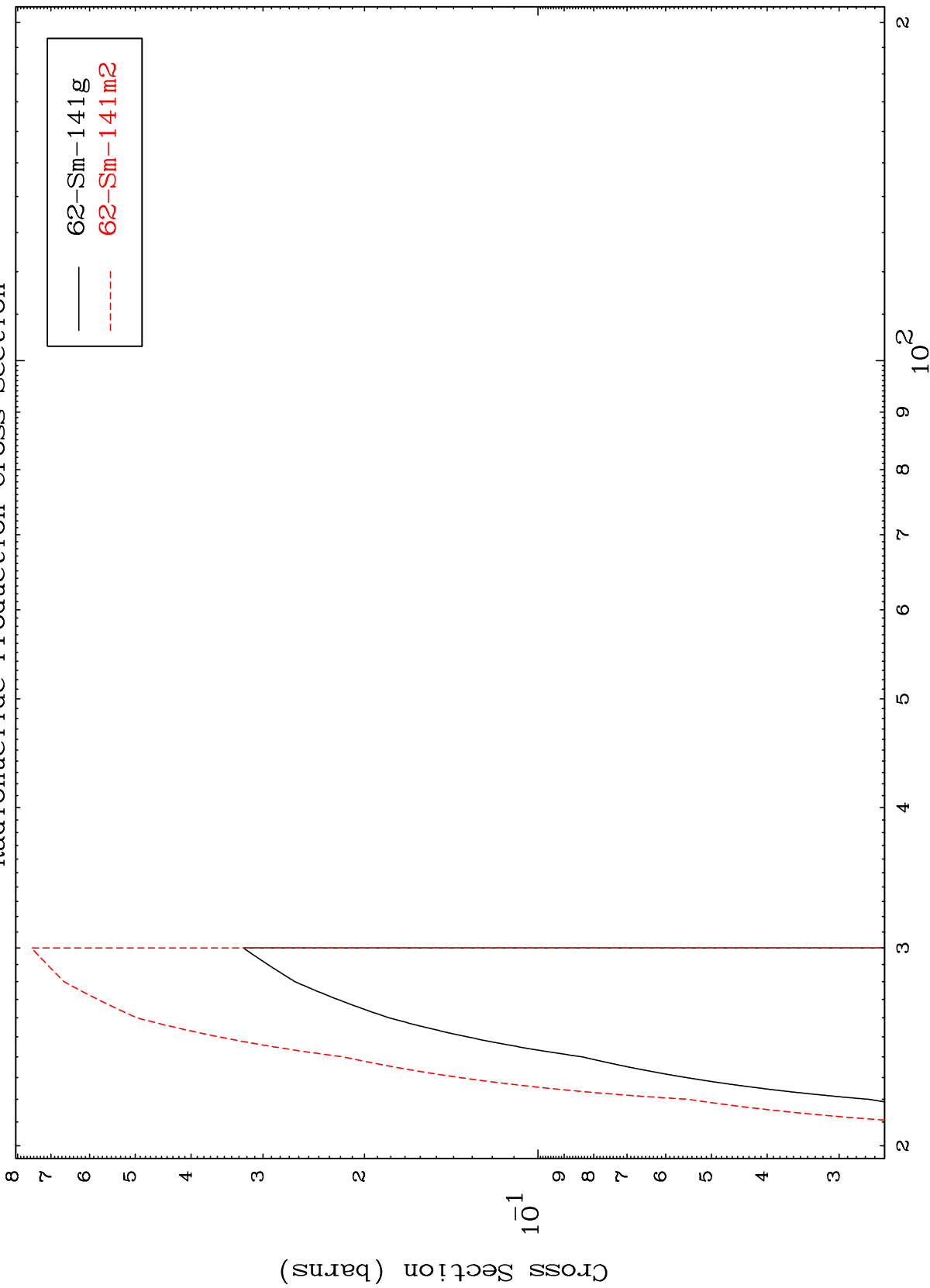
Incident Energy (MeV)

60-Nd-139m

MAT 6017

60-Nd-139m

(n,2n)
Radionuclide Production Cross Section



62-Sm-141g
62-Sm-141m2

60-Nd-139m

Incident Energy (MeV)

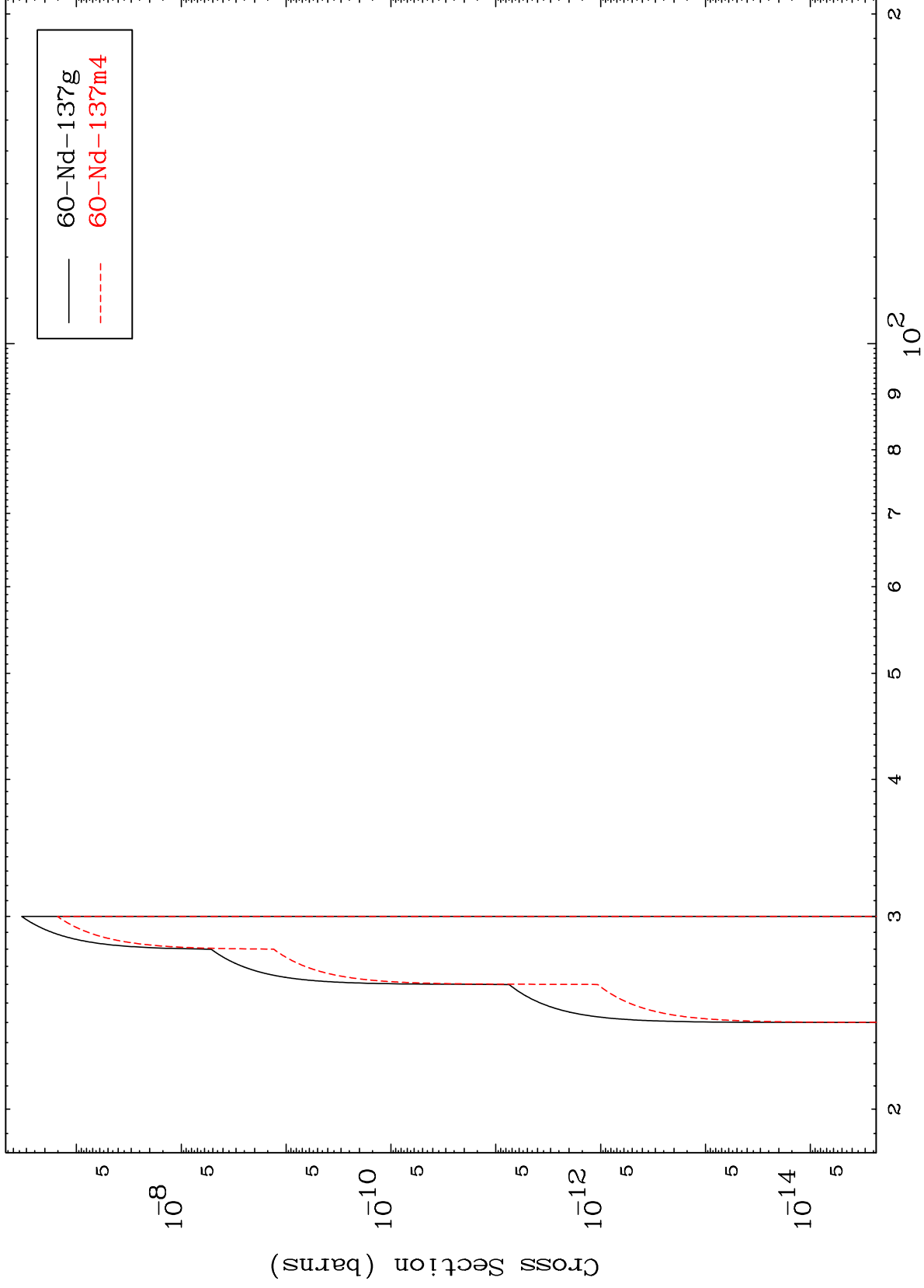
11

MAT 6017

(n,2n) α

60-Nd-139m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

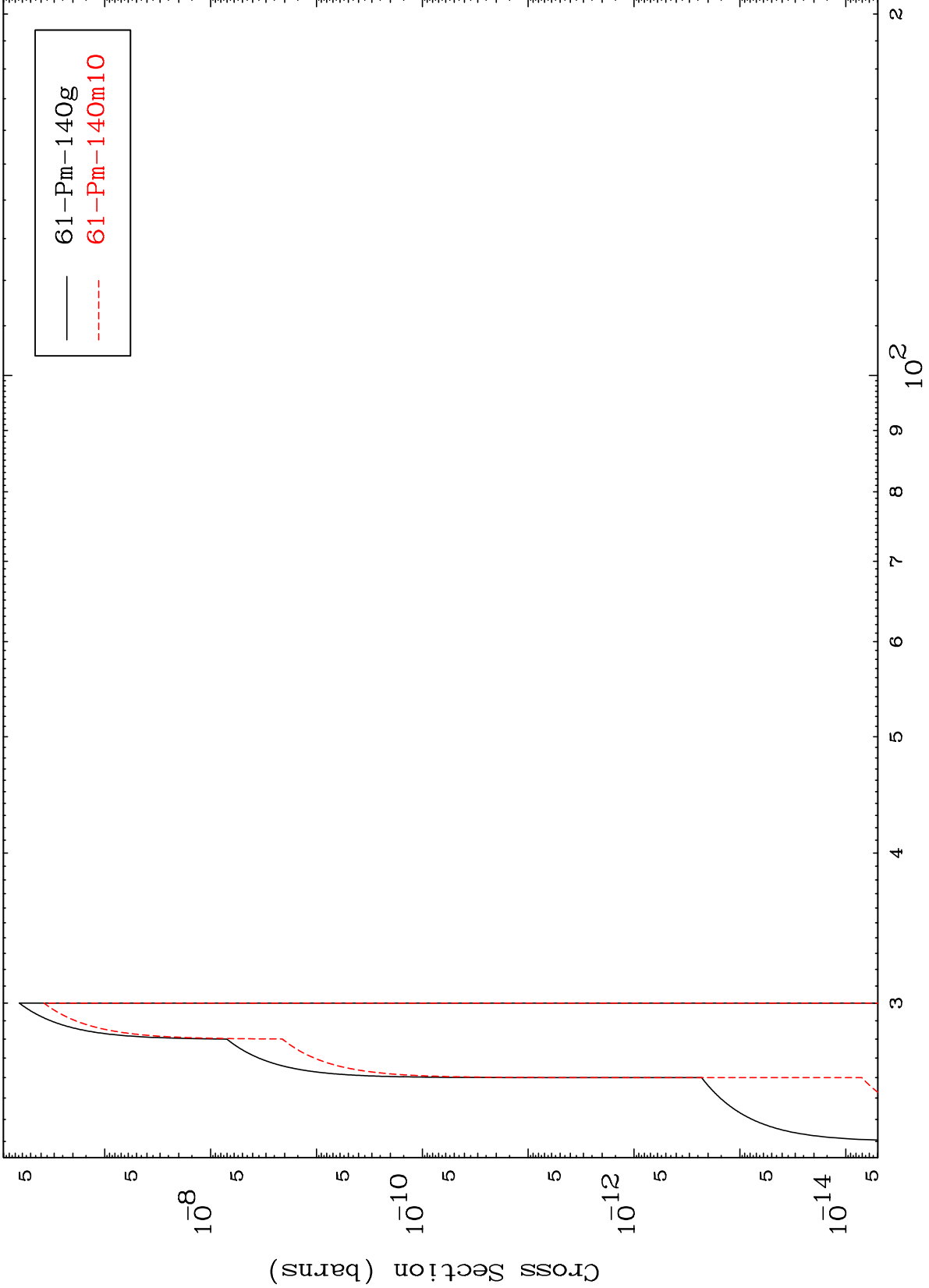
60-Nd-139m

MAT 6017

(n,n') d

60-Nd-139m

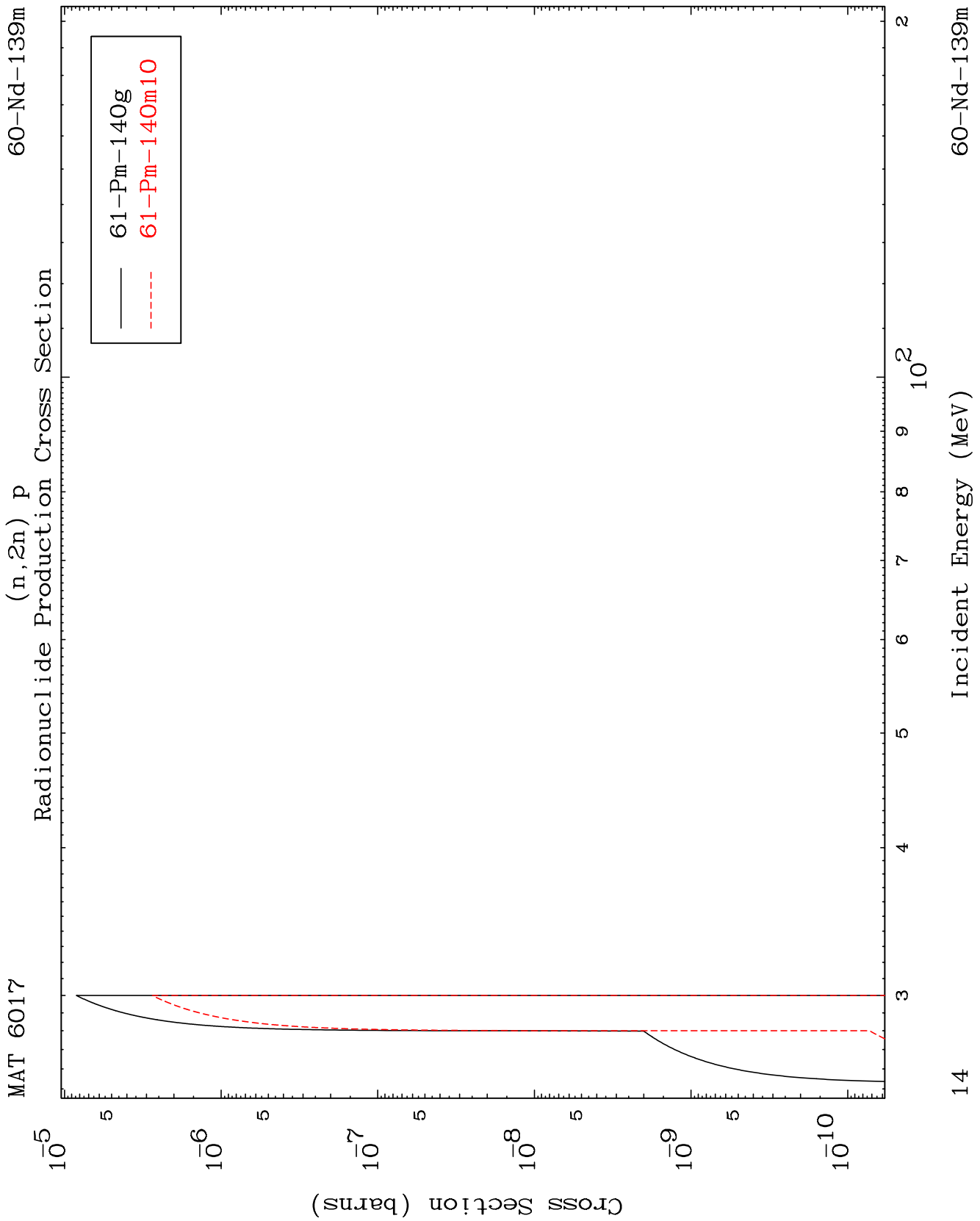
Radionuclide Production Cross Section



13

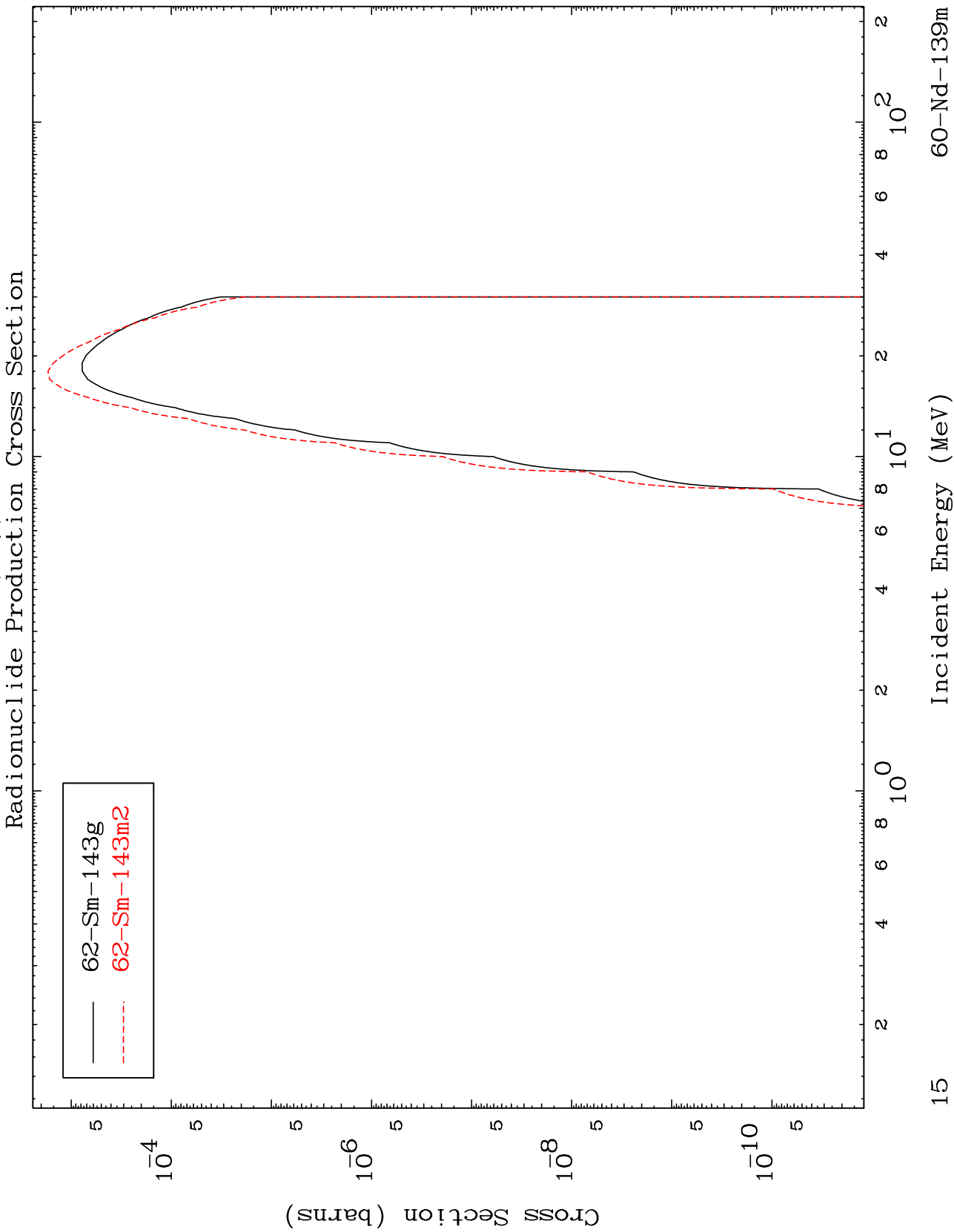
Incident Energy (MeV)

60-Nd-139m



MAT 6017

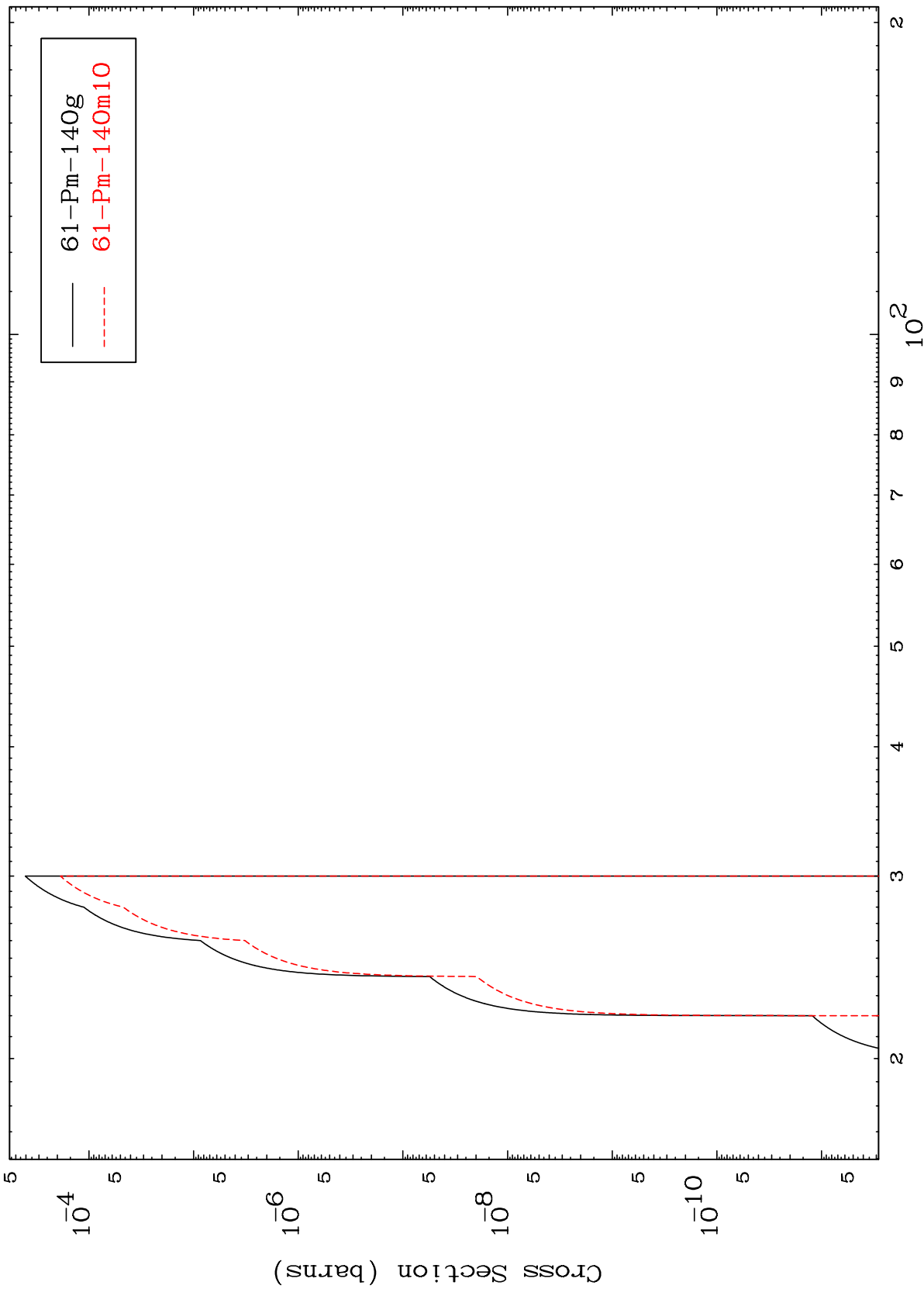
60-Nd-139m



MAT 6017

60-Nd-139m

(n, t)
Radionuclide Production Cross Section



16

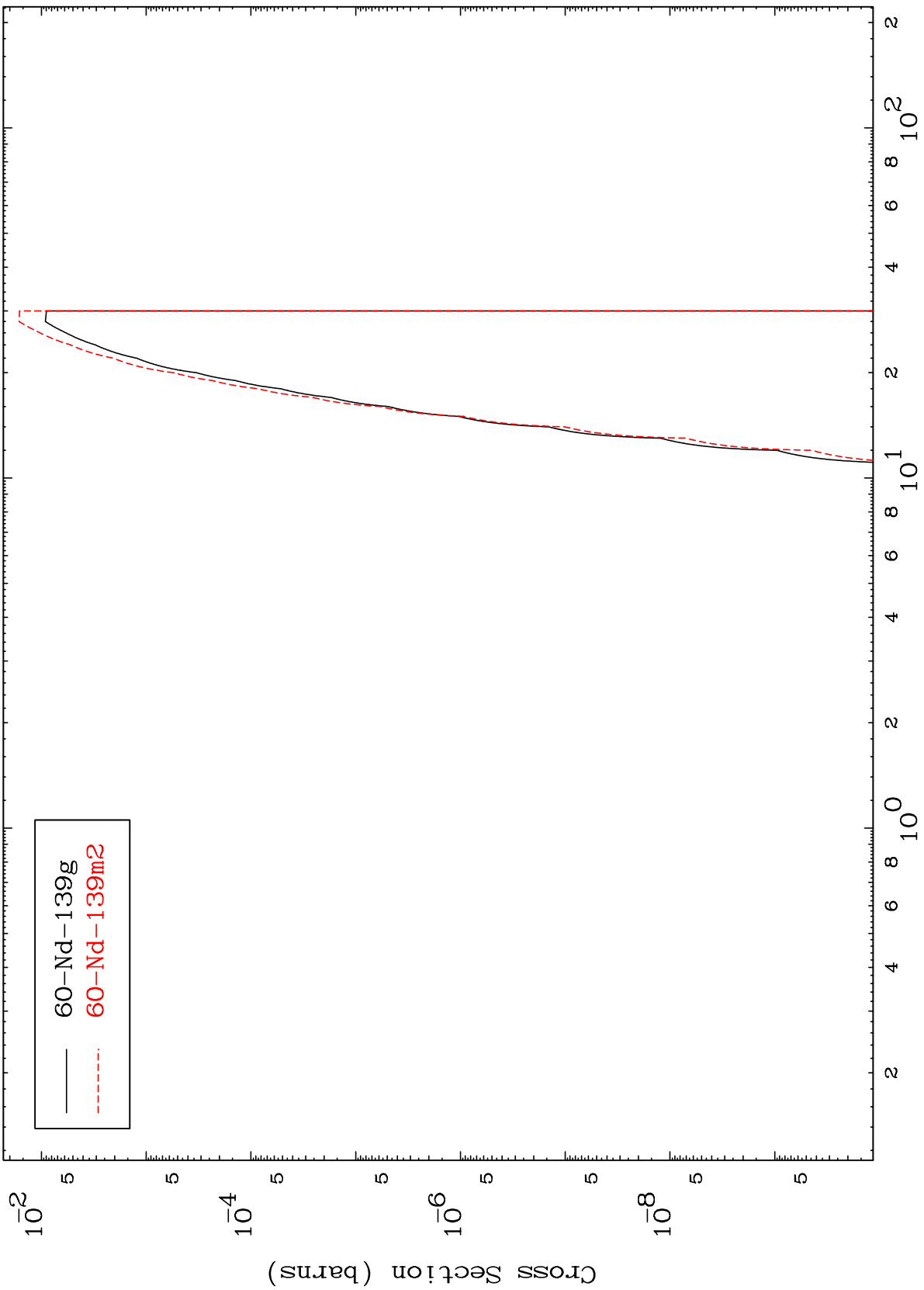
60-Nd-139m

Incident Energy (MeV)

MAT 6017

60-Nd-139m

Radionuclide Production Cross Section
(n, α)

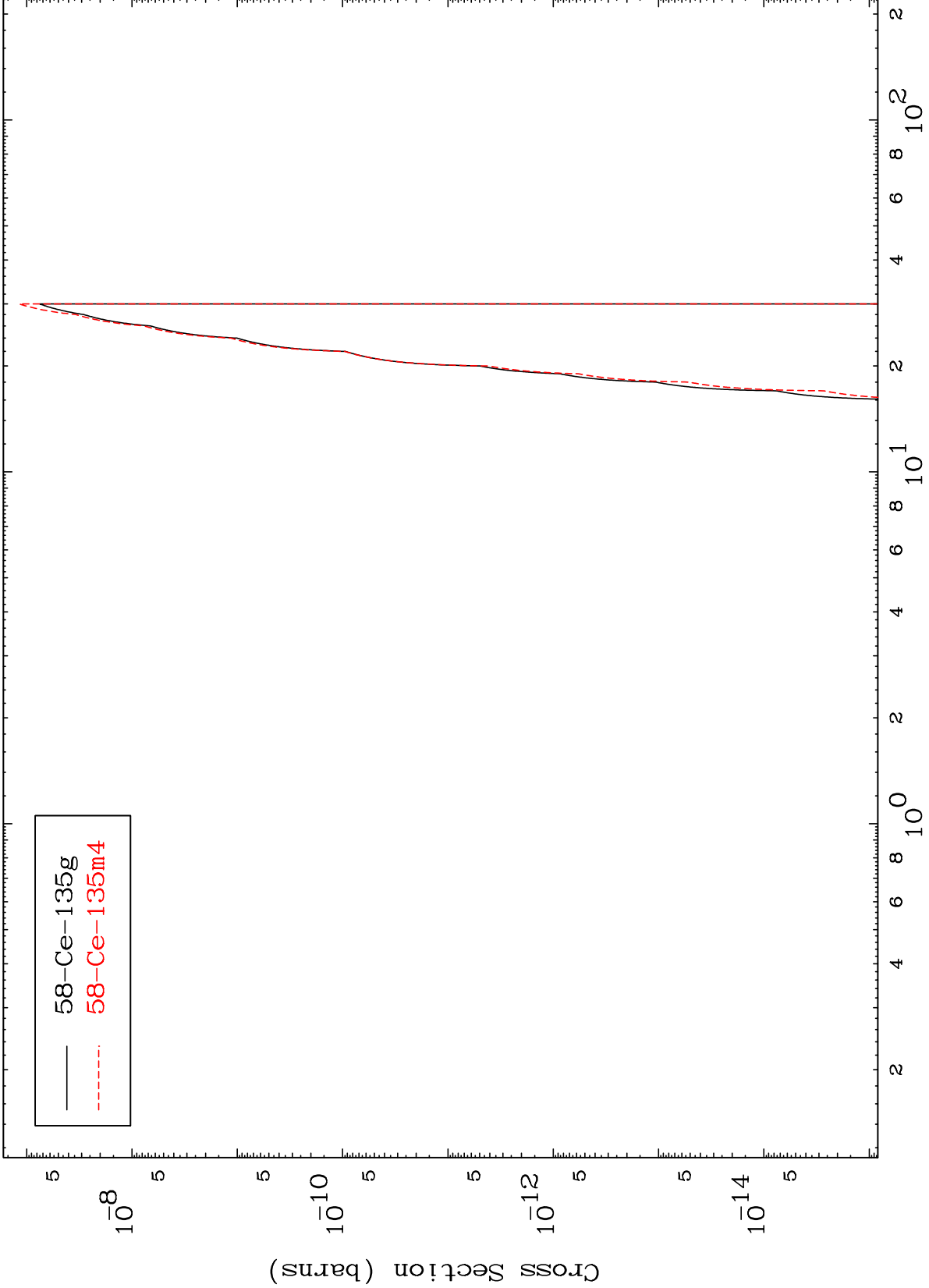


MAT 6017

(n,2α)

60-Nd-139m

Radionuclide Production Cross Section

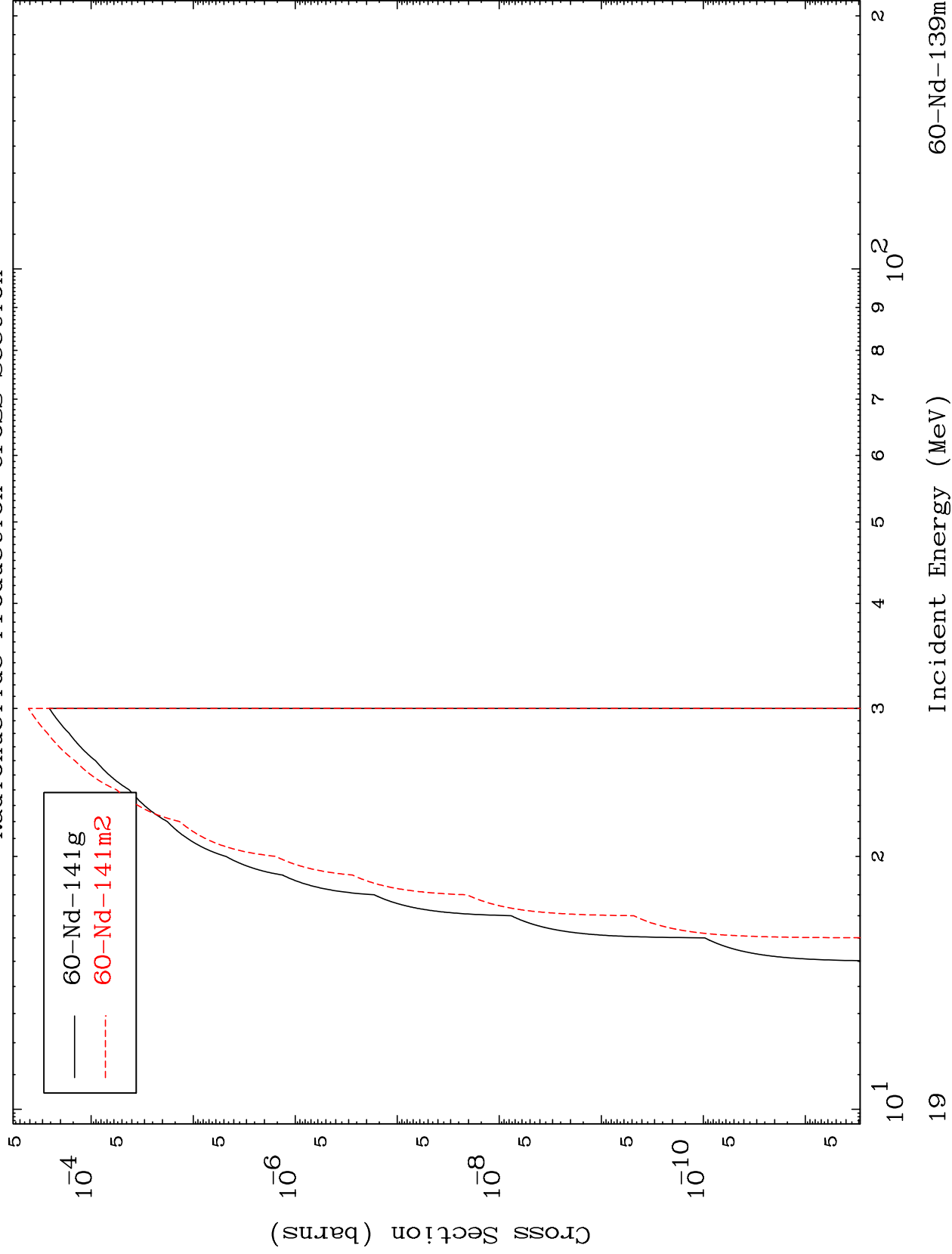


MAT 6017

(n,2p)

60-Nd-139m

Radionuclide Production Cross Section

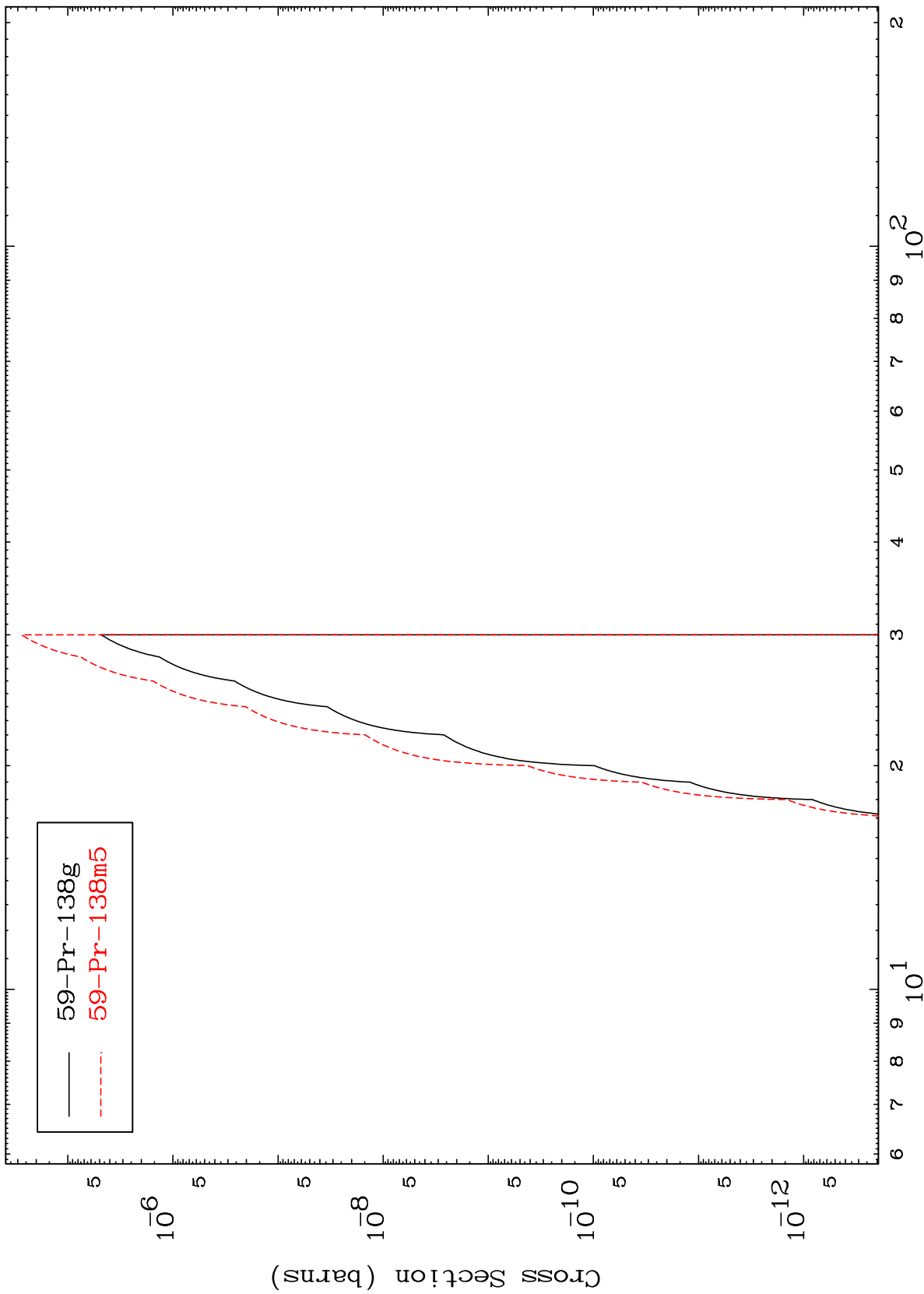


60-Nd-139m

MAT 6017

60-Nd-139m

(n,p) α
Radionuclide Production Cross Section



20

Incident Energy (MeV)

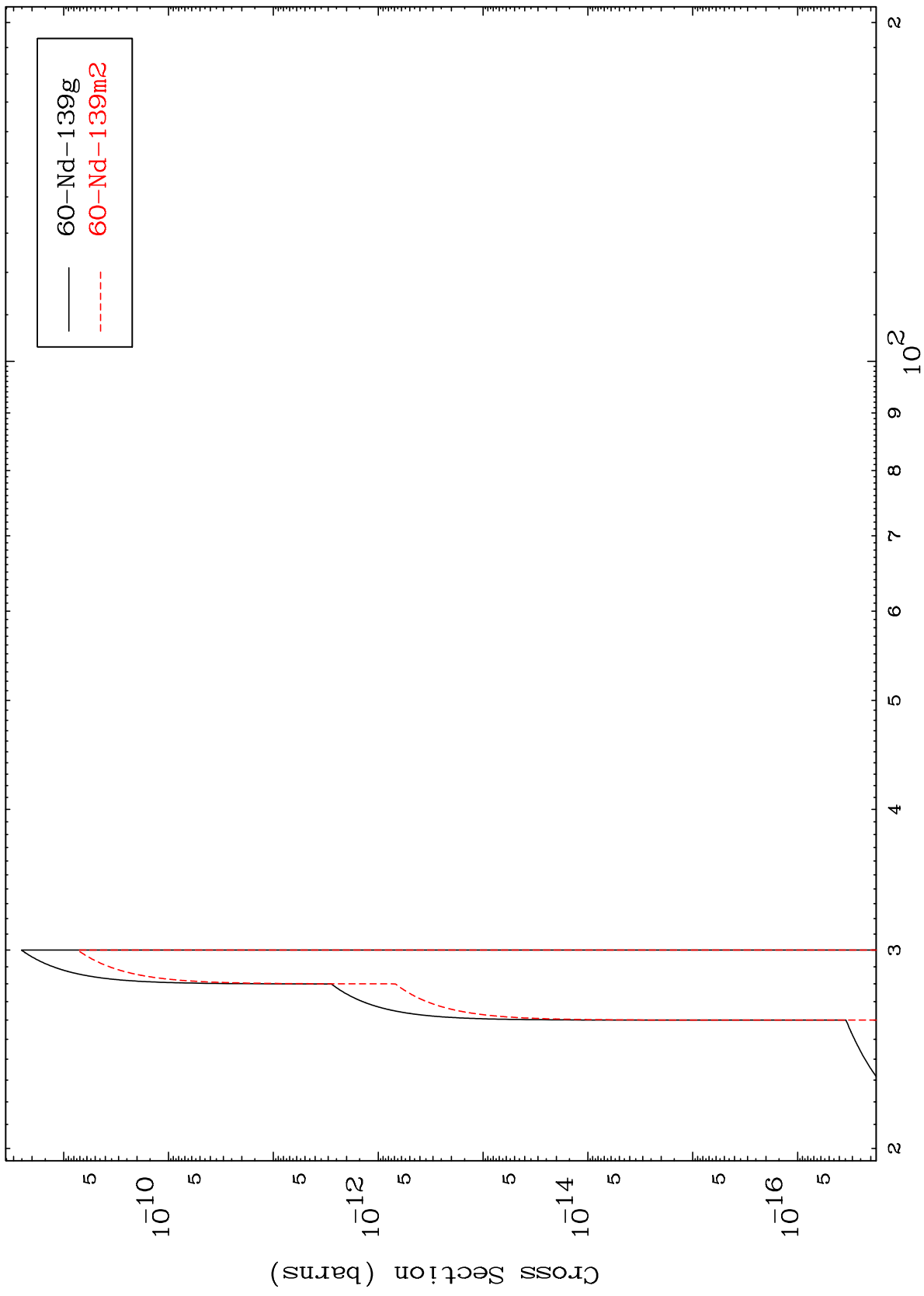
60-Nd-139m

MAT 6017

(n,p) t

60-Nd-139m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

60-Nd-139m