

Program EVALPLOT
(Version 2021-1)

by

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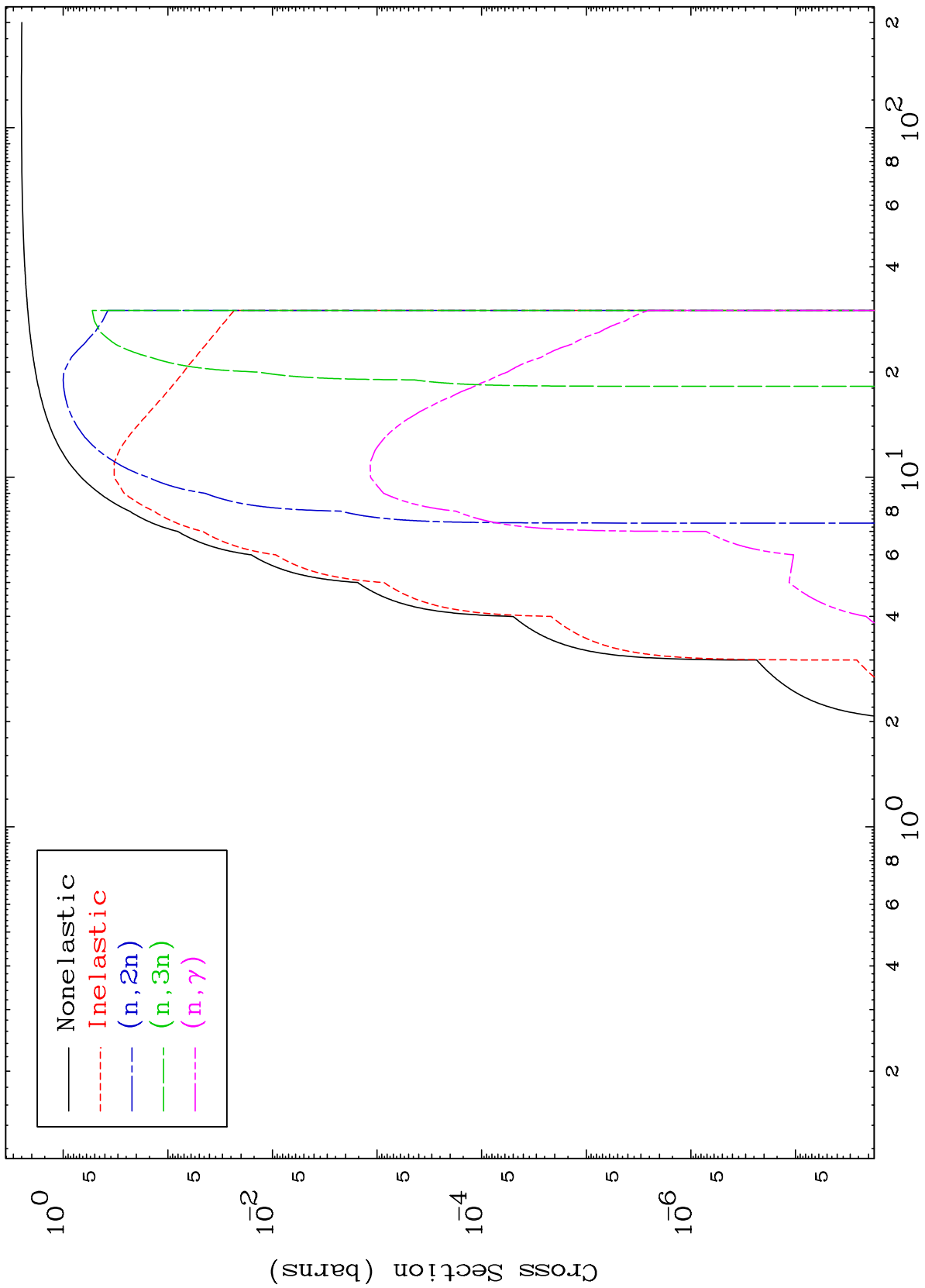
Press Mouse Button to Start

MAT 6017

Deuteron Major

60-Nd-139m

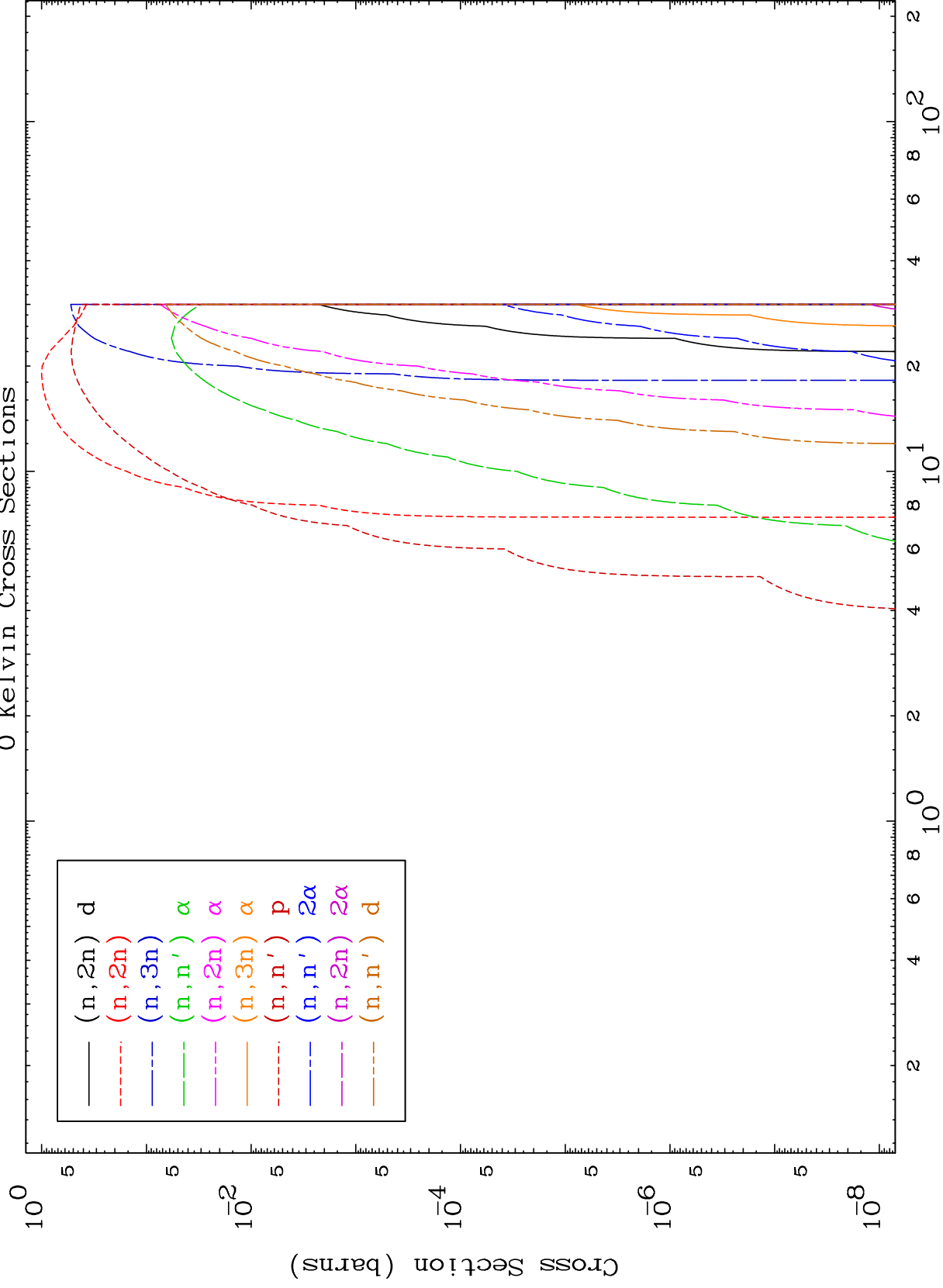
0 Kelvin Cross Sections



MAT 6017

Deuteron Neutron Absorption
0 Kelvin Cross Sections

60-Nd-139m



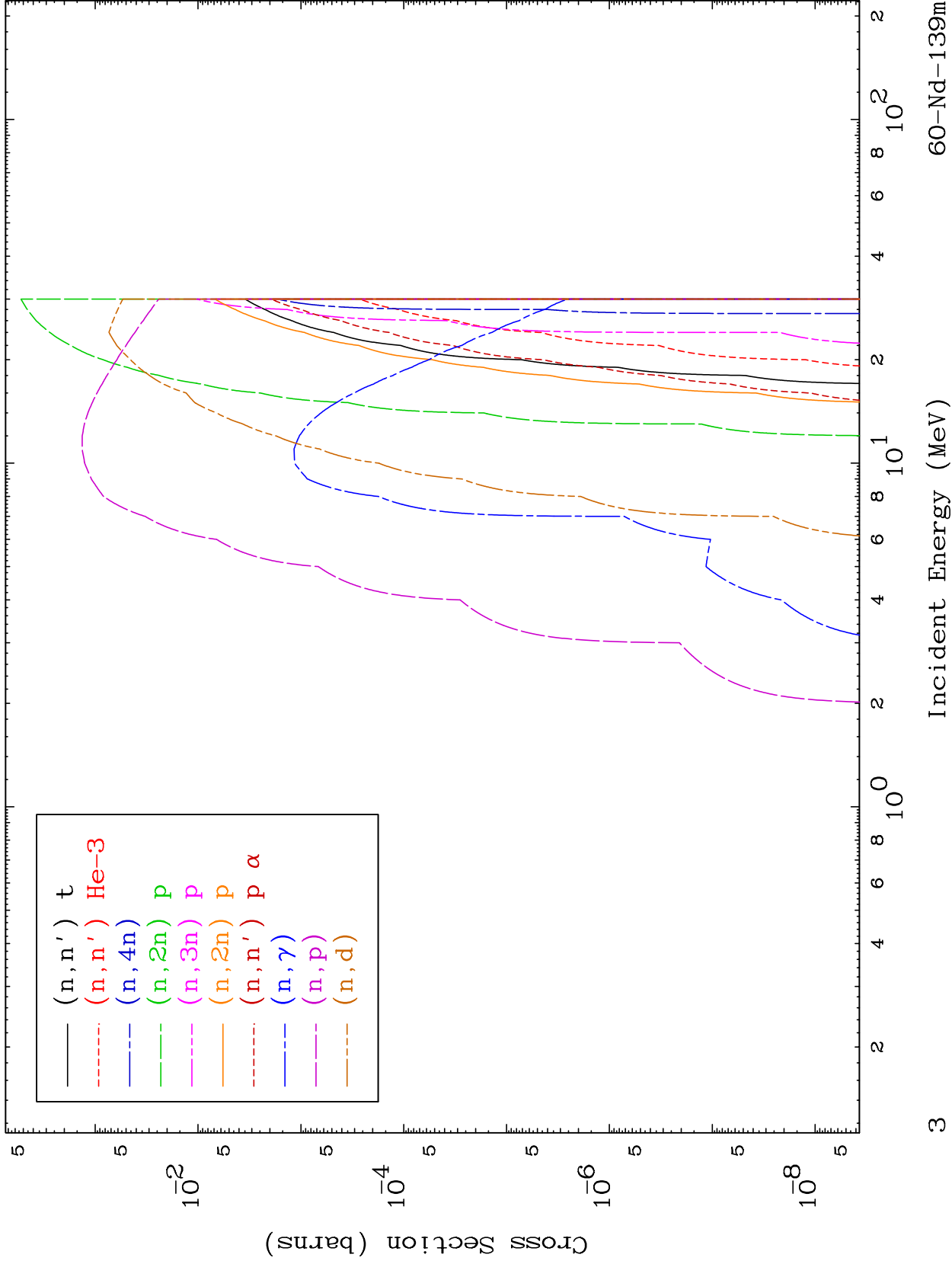
60-Nd-139m

Incident Energy (MeV)

MAT 6017

Deuteron Neutron Absorption
0 Kelvin Cross Sections

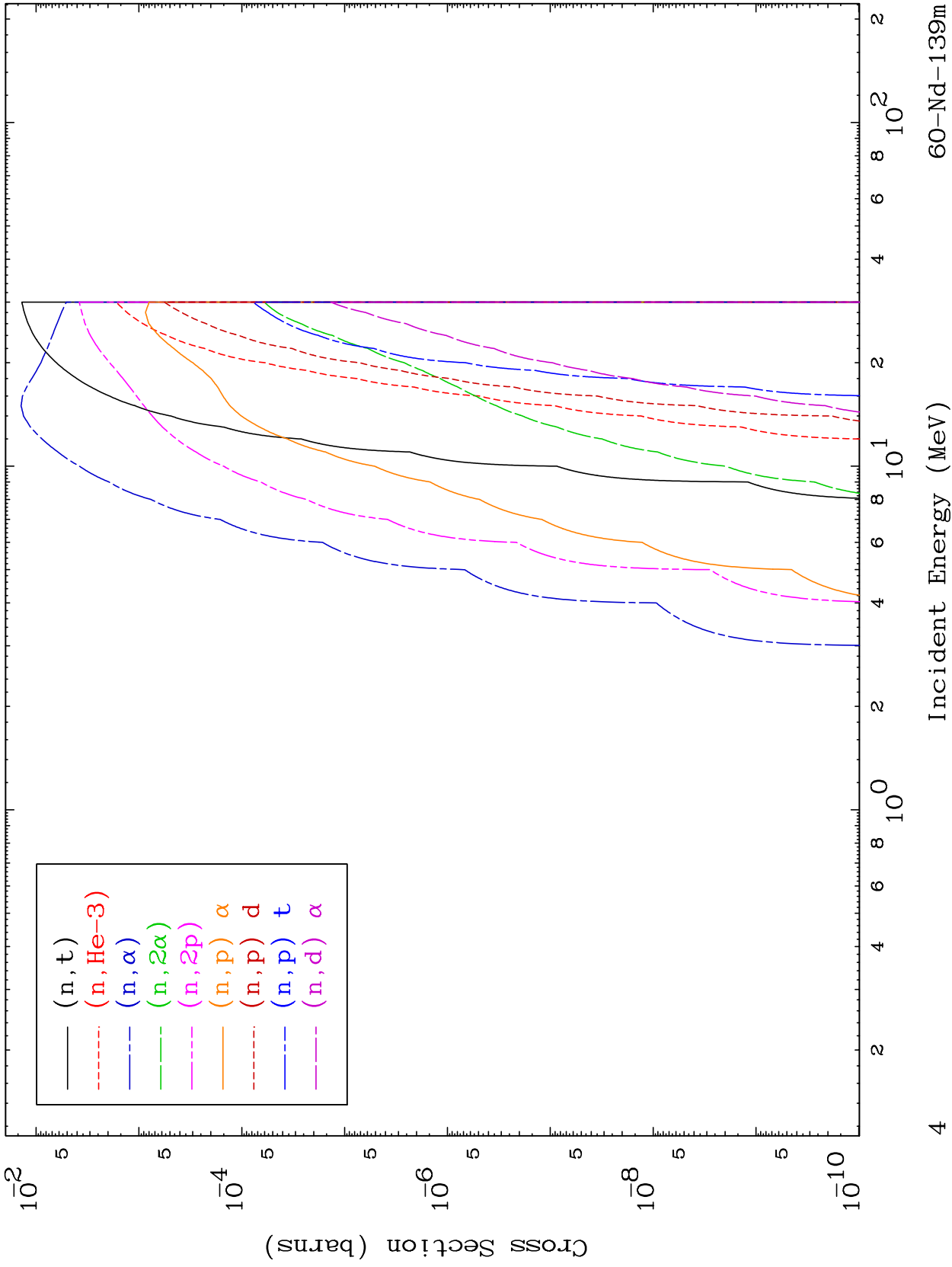
60-Nd-139m



MAT 6017

Deuteron Neutron Absorption
0 Kelvin Cross Sections

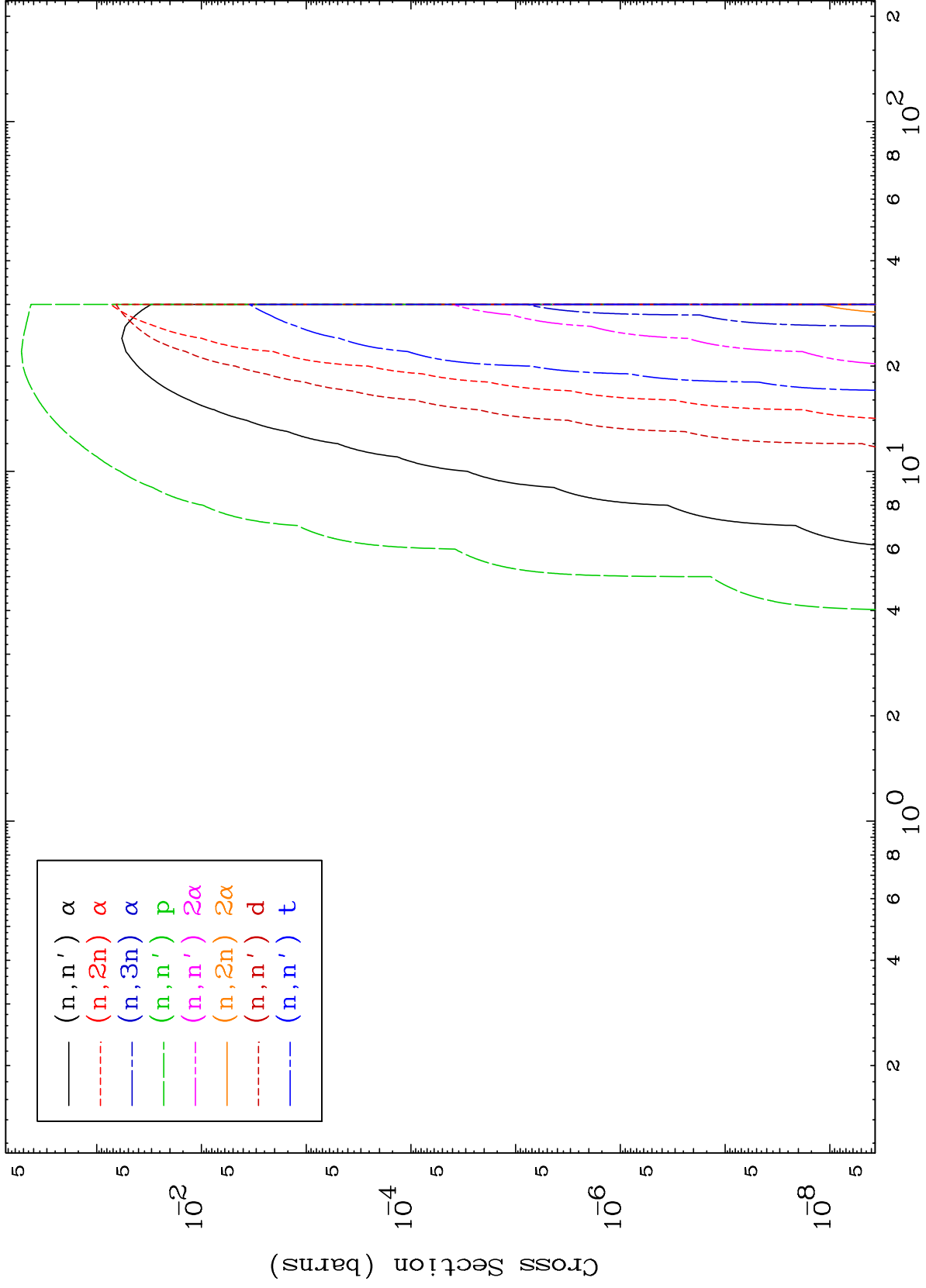
60-Nd-139m



MAT 6017

Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-139m



5

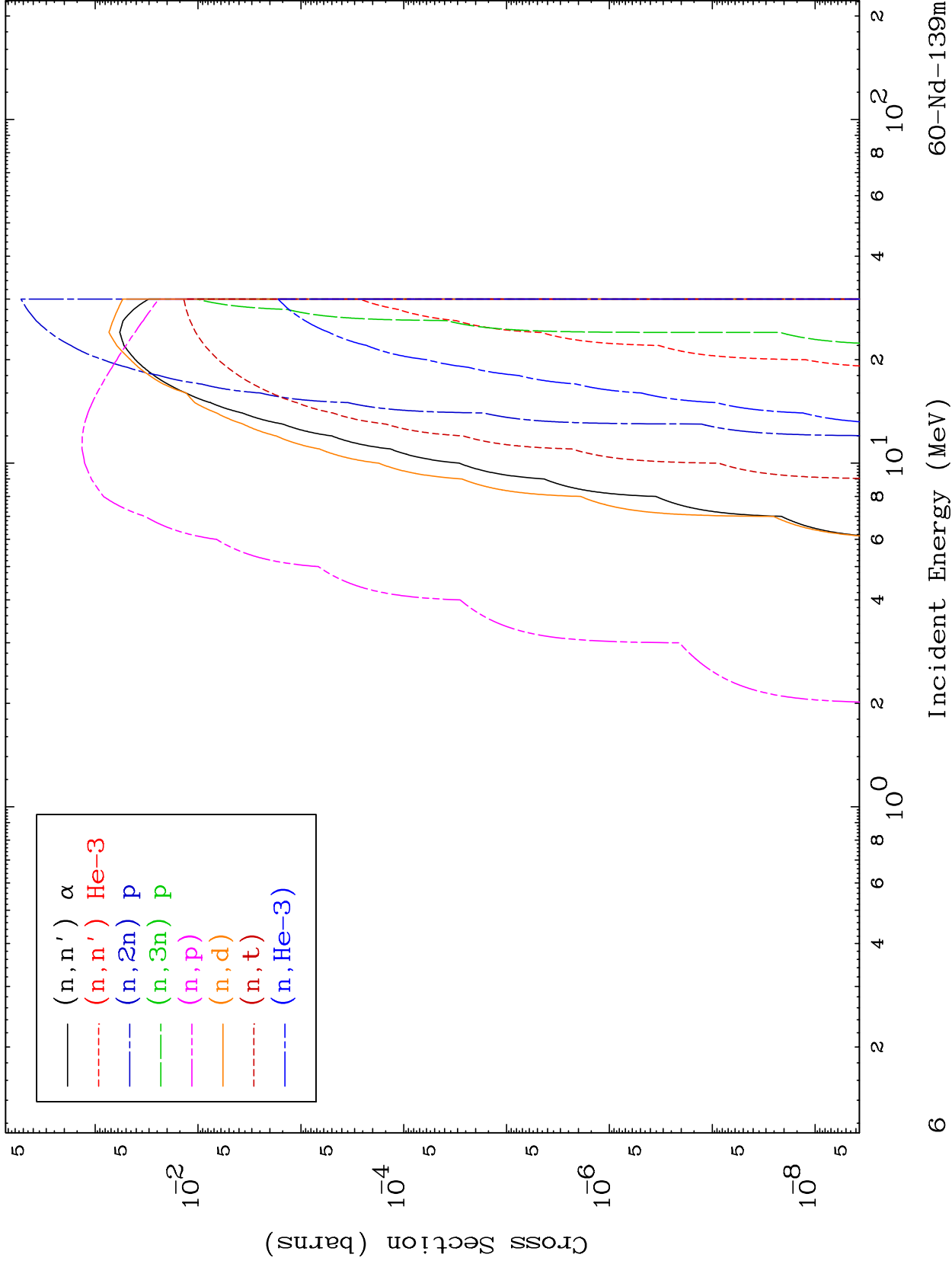
Incident Energy (MeV)

60-Nd-139m

MAT 6017

Deuteron Charged Particle
0 Kelvin Cross Sections

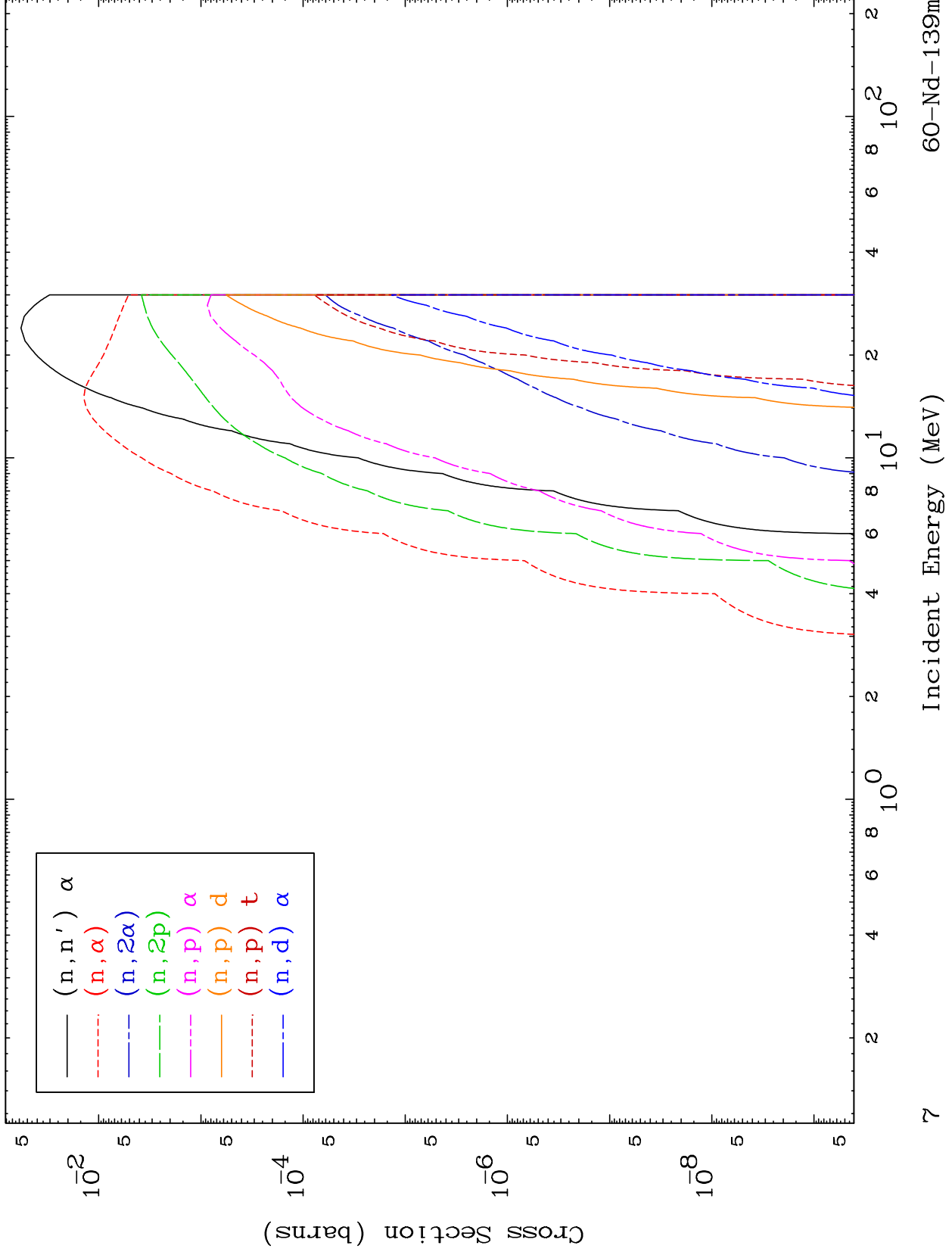
60-Nd-139m



MAT 6017

Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-139m

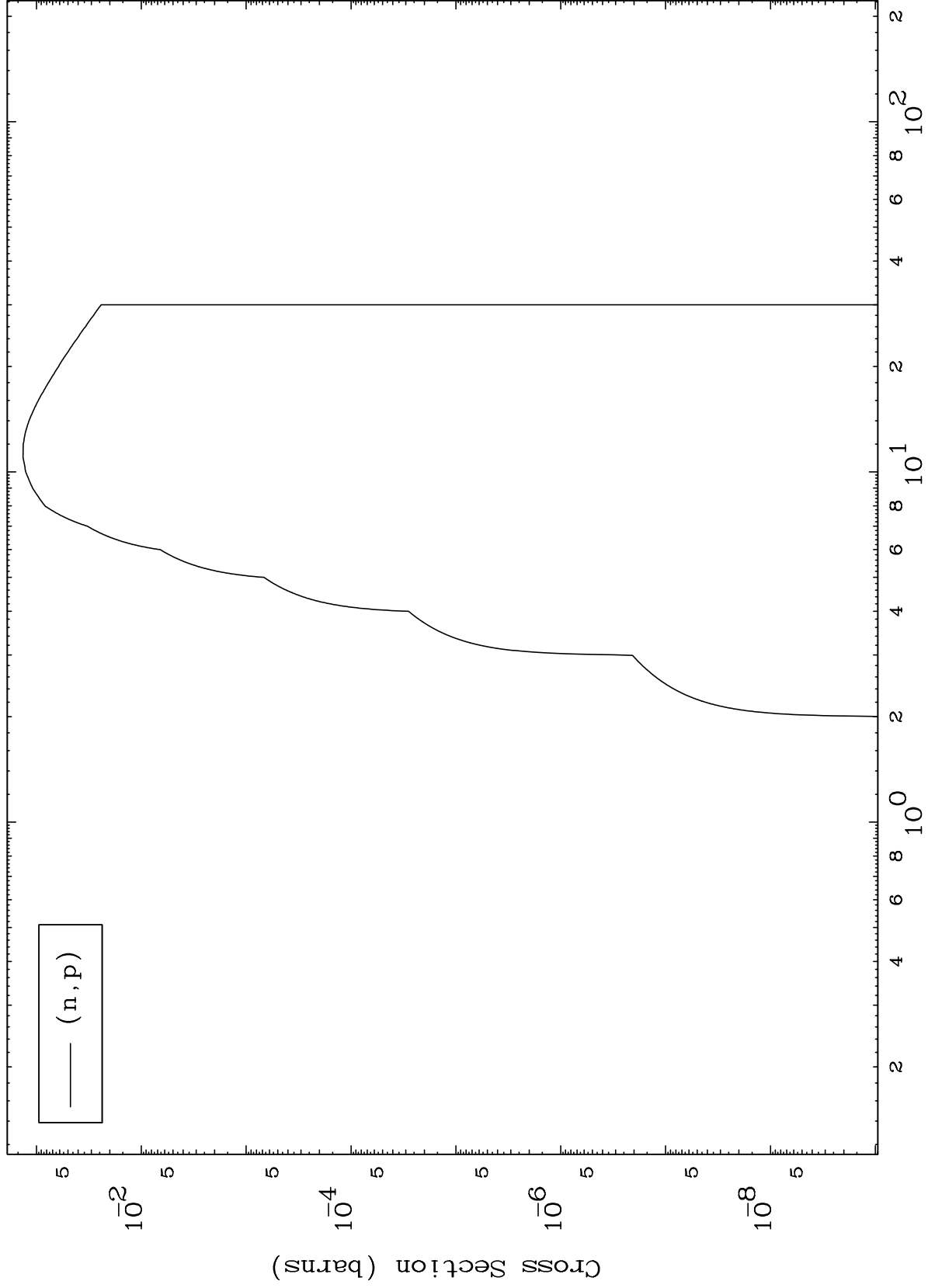


MAT 6017

(d,p) Levels

60-Nd-139m

0 Kelvin Cross Sections

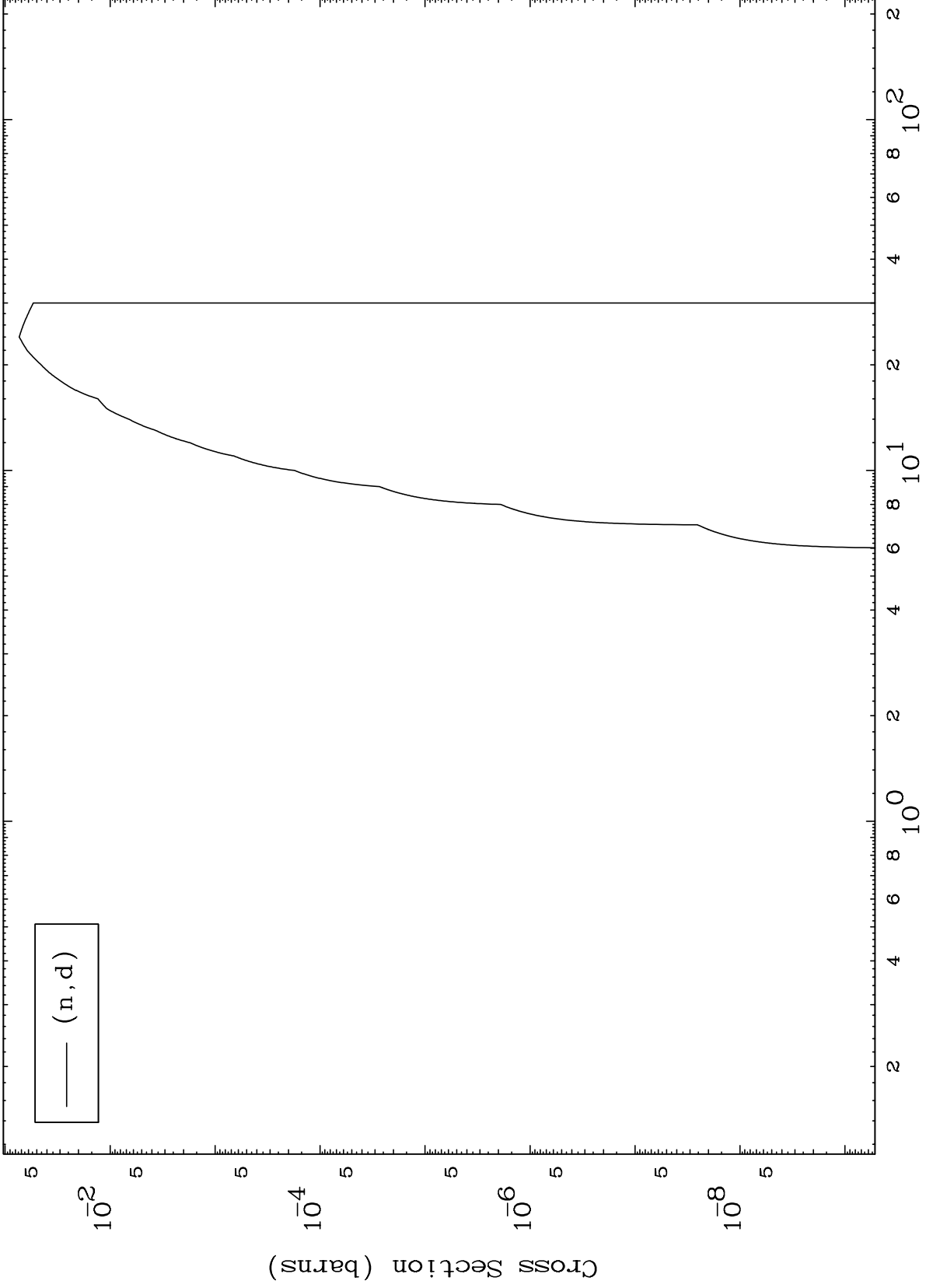


MAT 6017

(d,d) Levels

60-Nd-139m

0 Kelvin Cross Sections

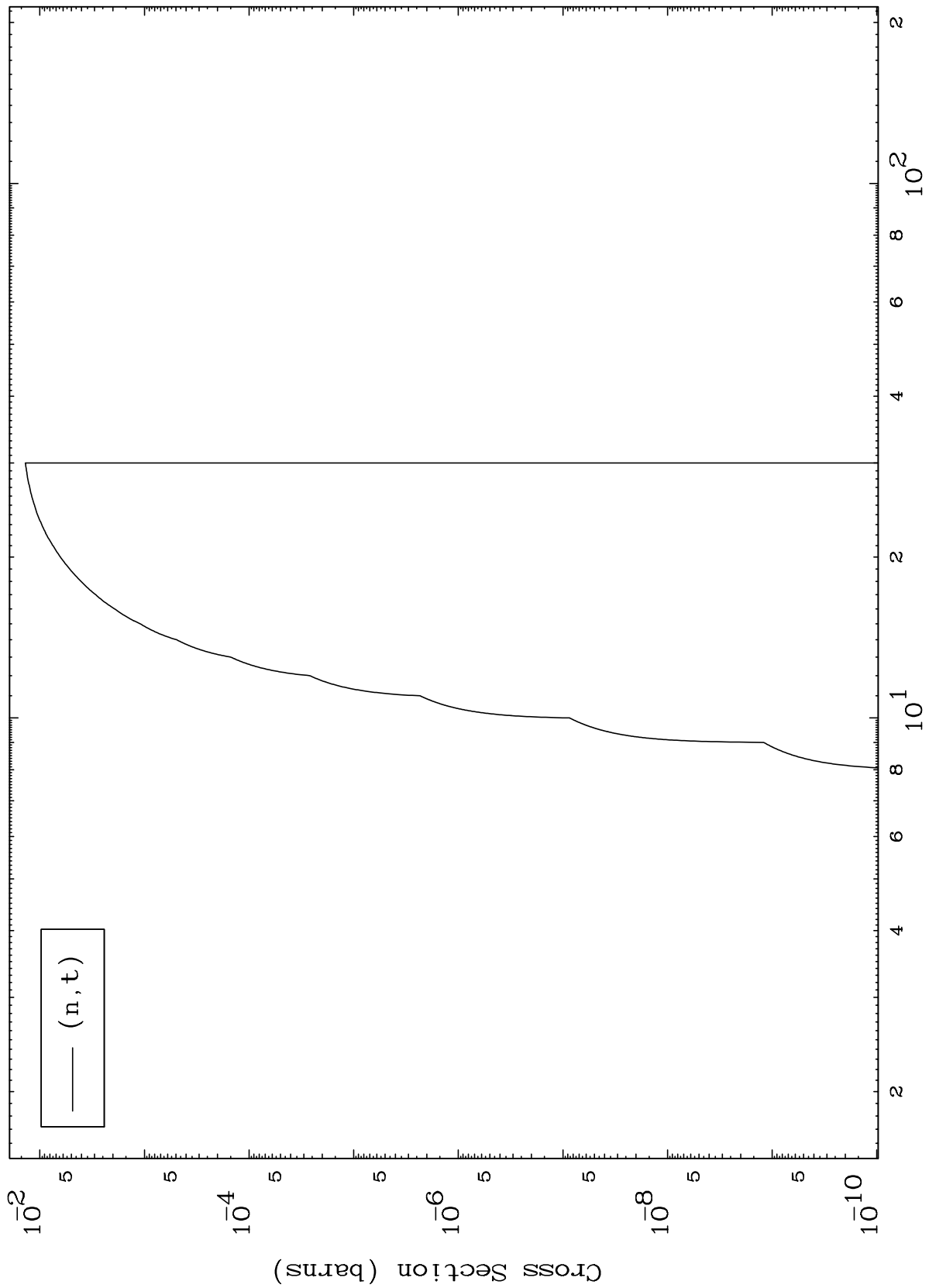


MAT 6017

(d, t) Levels

60-Nd-139m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

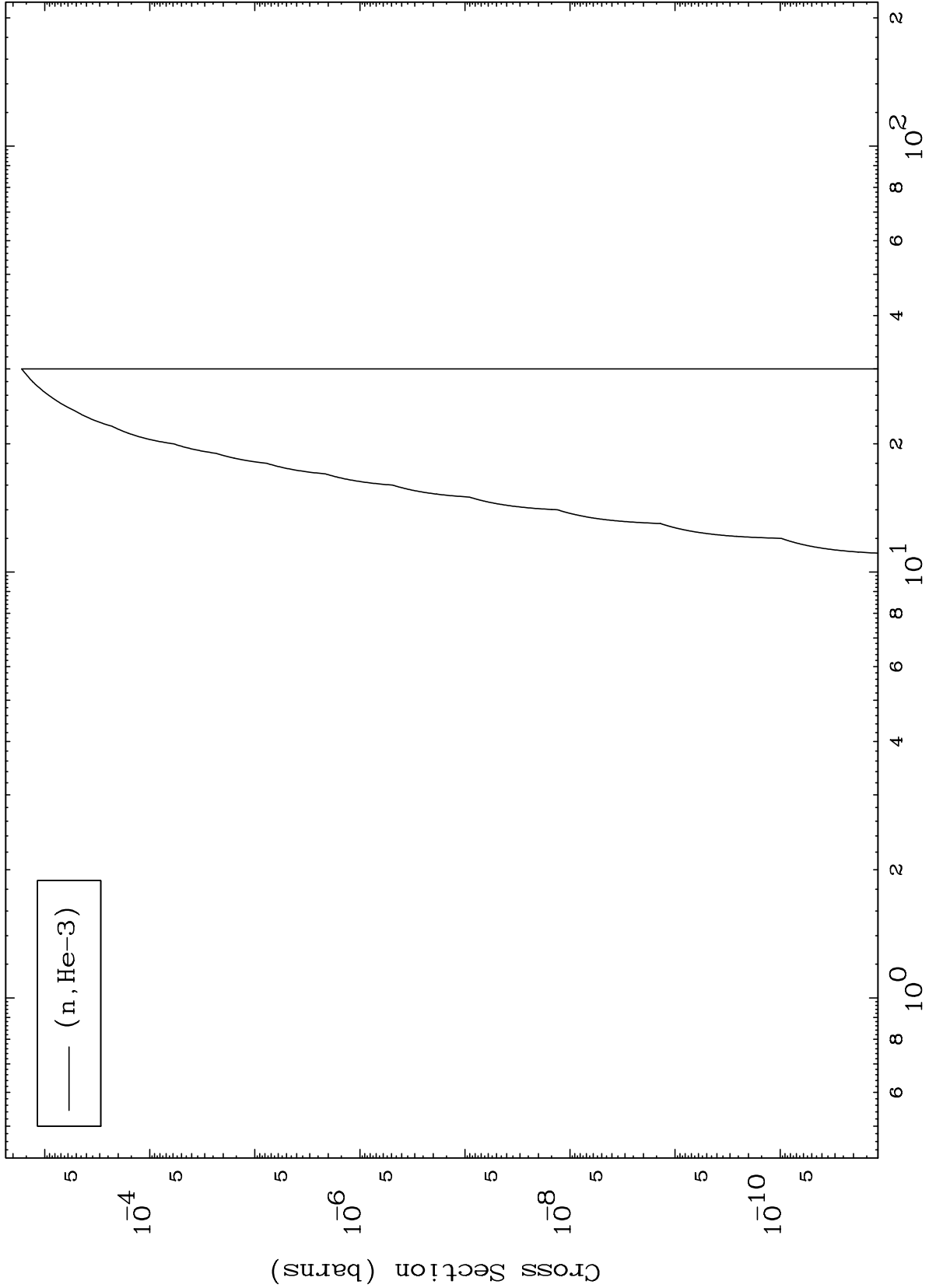
60-Nd-139m

MAT 6017

(d,He3) Levels

60-Nd-139m

0 Kelvin Cross Sections

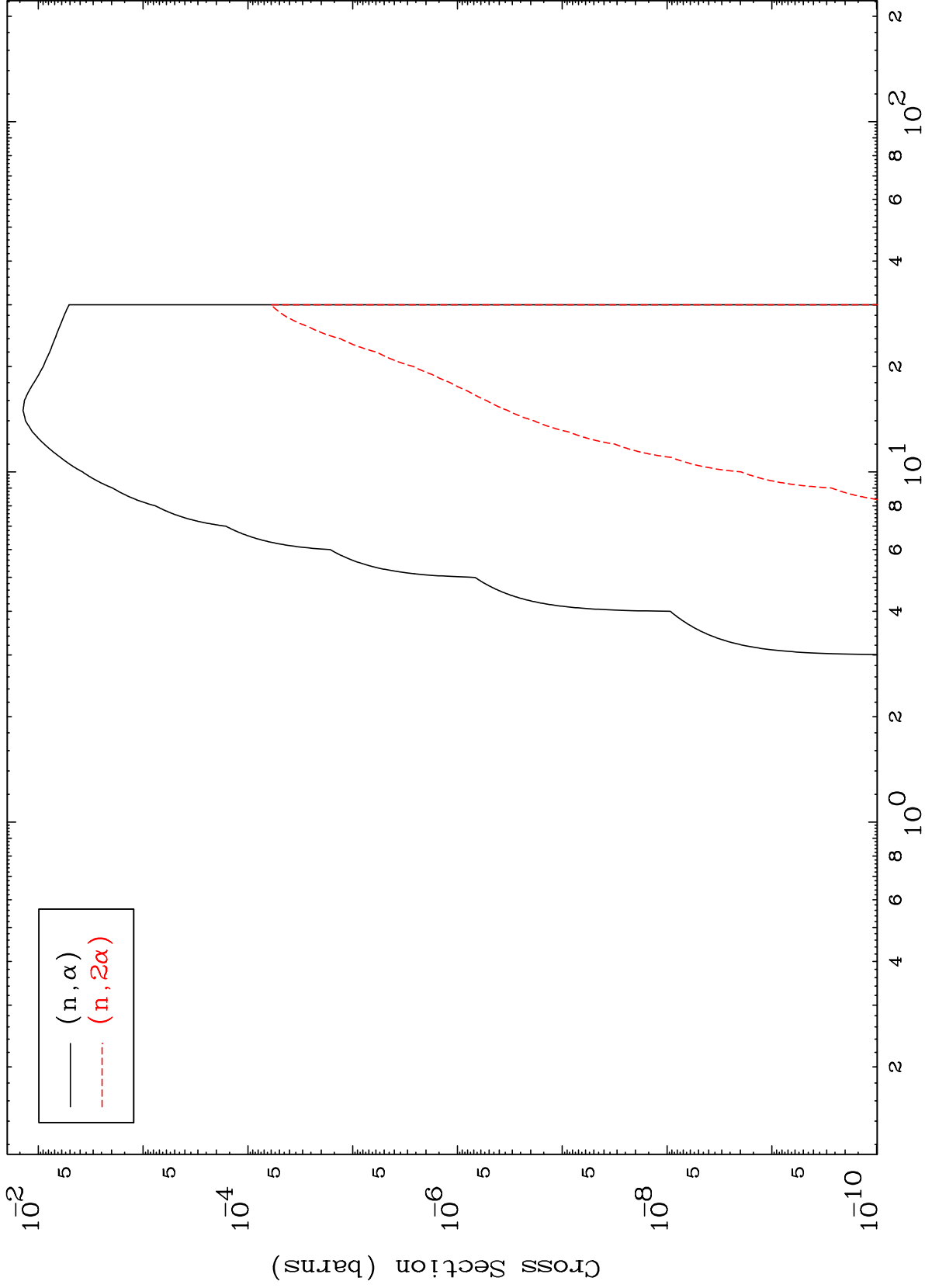


MAT 6017

(d, α) Levels

60-Nd-139m

0 Kelvin Cross Sections



12

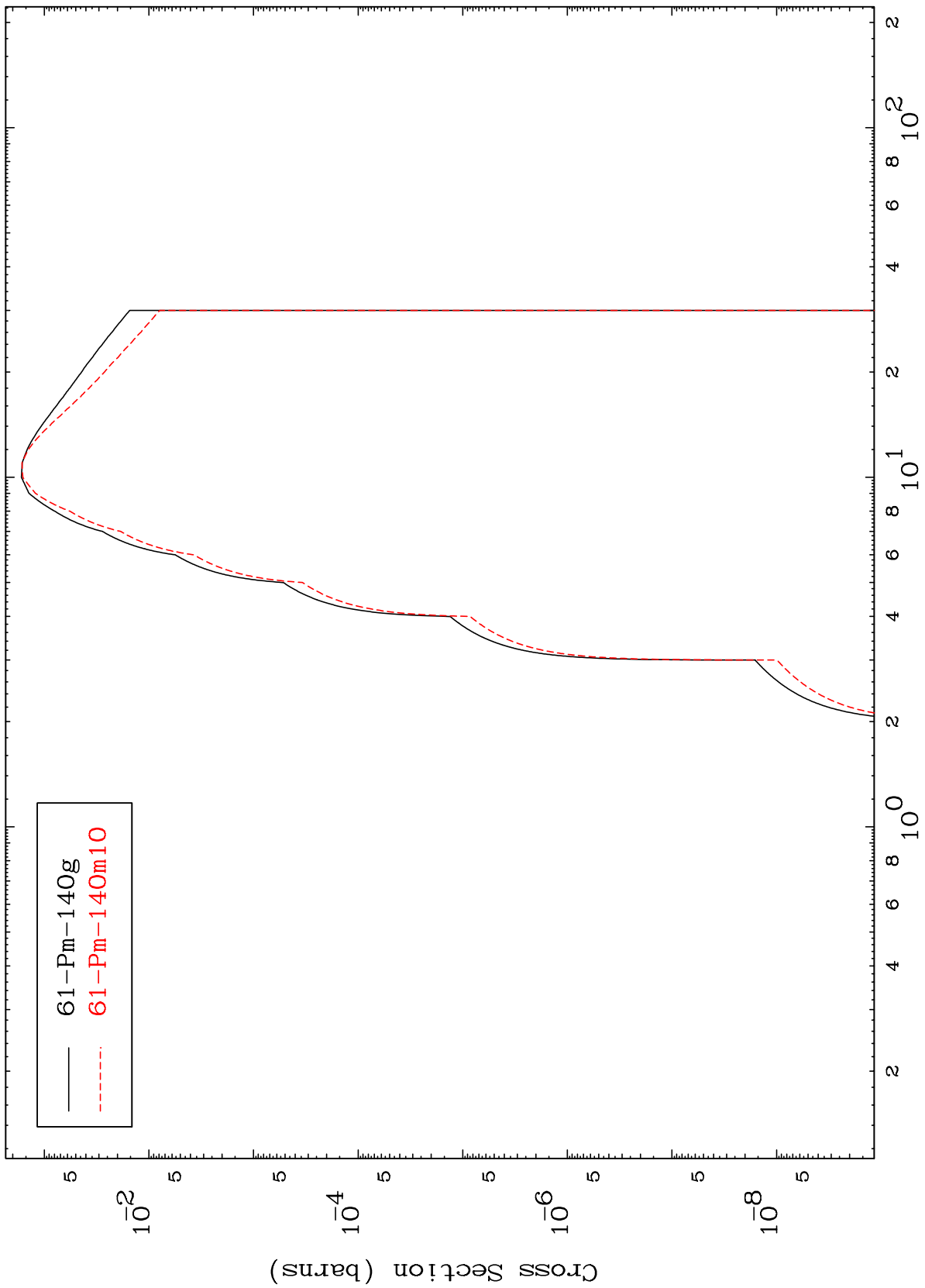
Incident Energy (MeV)

60-Nd-139m

MAT 6017

60-Nd-139m

Inelastic
Radionuclide Production Cross Section



60-Nd-139m

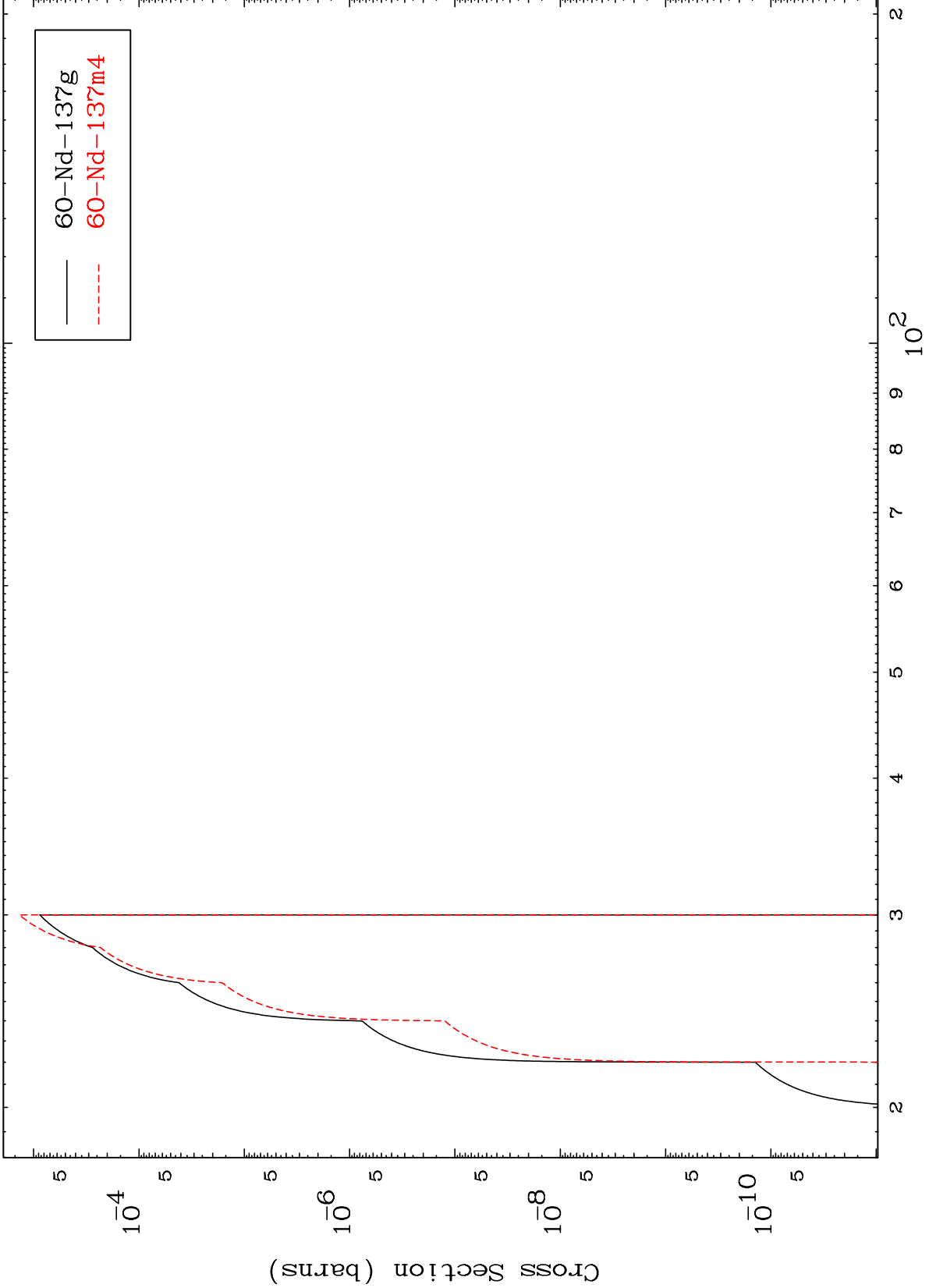
Incident Energy (MeV)

MAT 6017

(n,2n) d

60-Nd-139m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

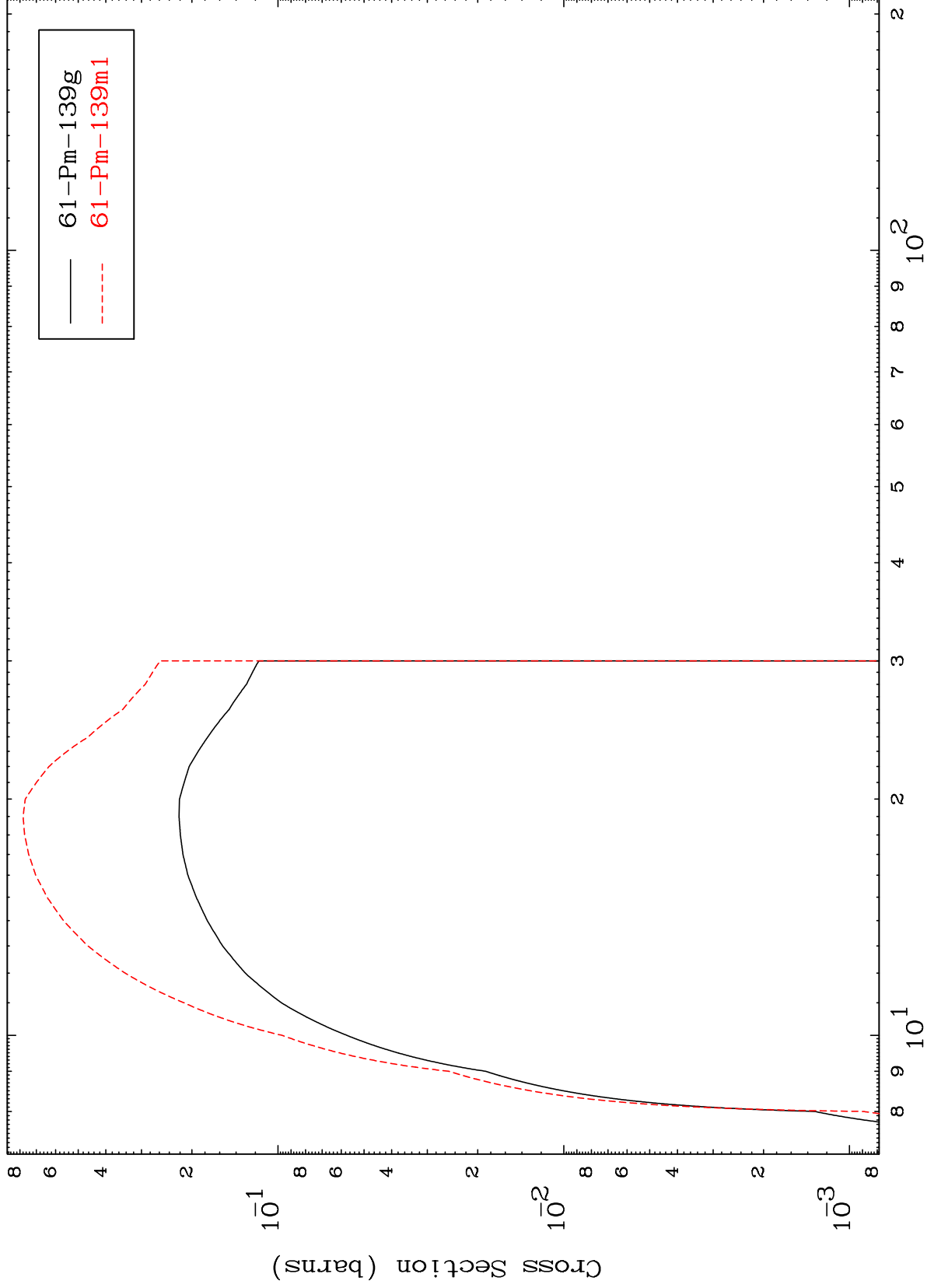
60-Nd-139m

MAT 6017

(n,2n)

60-Nd-139m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

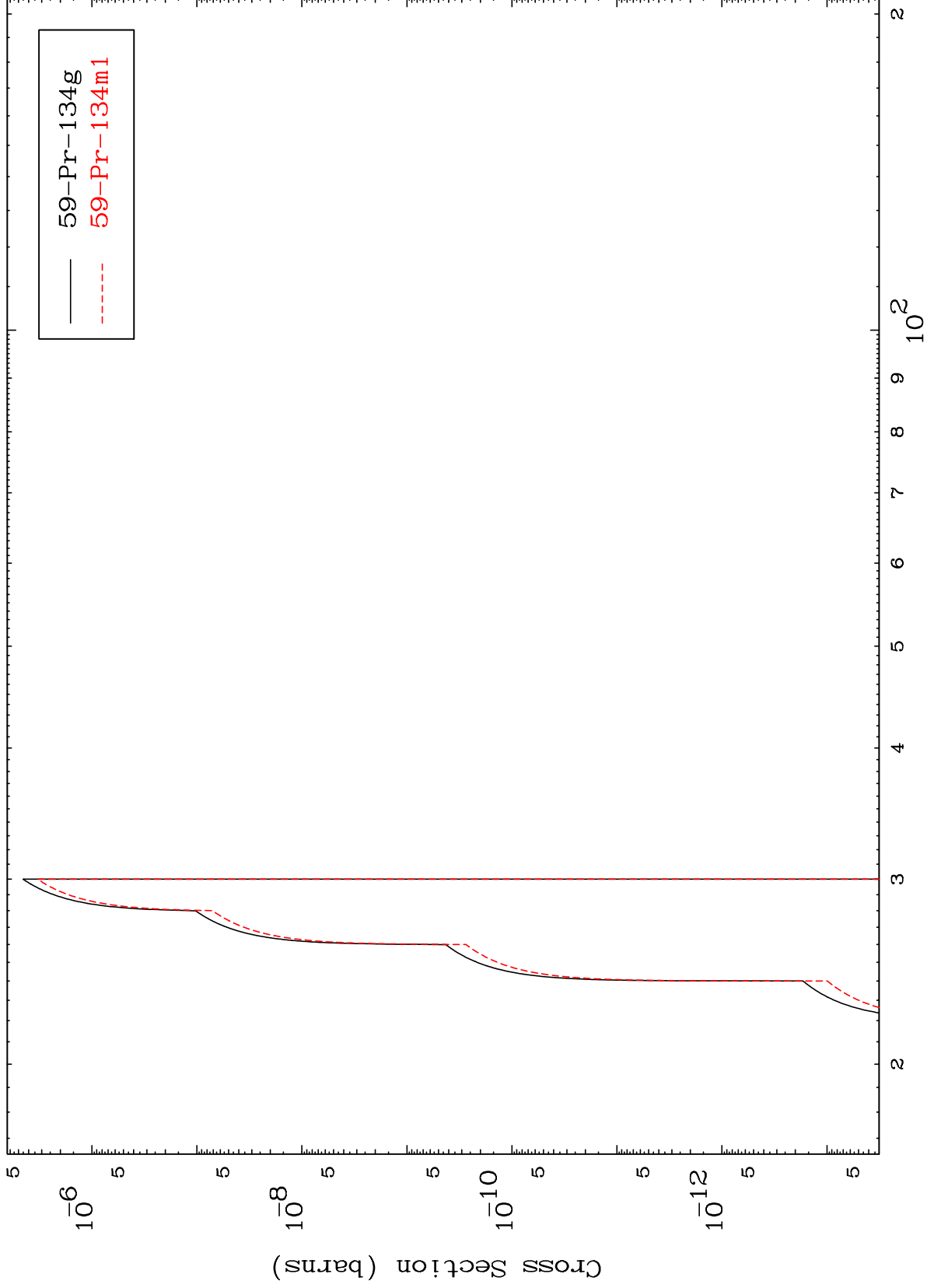
60-Nd-139m

MAT 6017

(n,3n) α

60-Nd-139m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

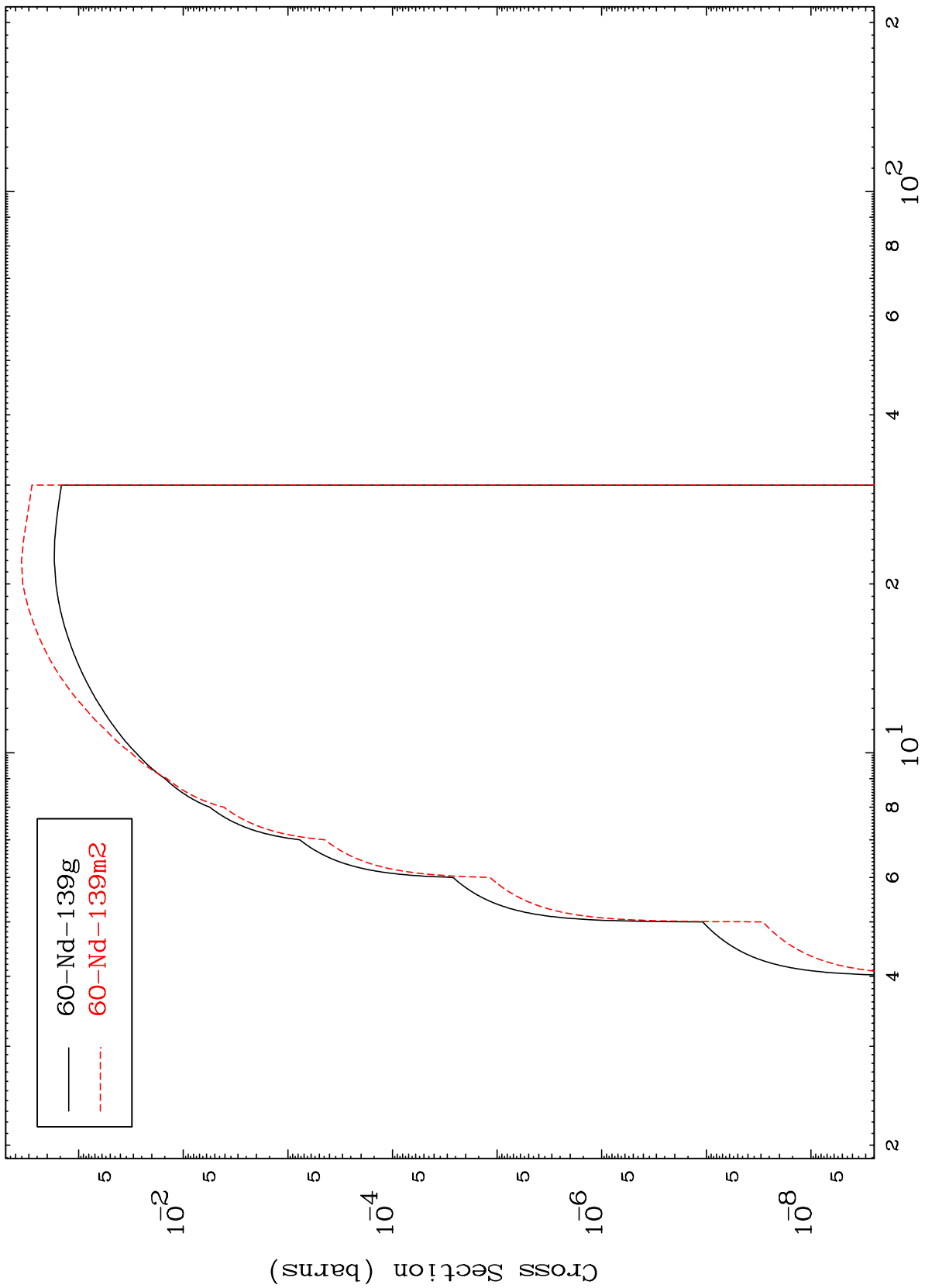
60-Nd-139m

MAT 6017

(n,n') p

60-Nd-139m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

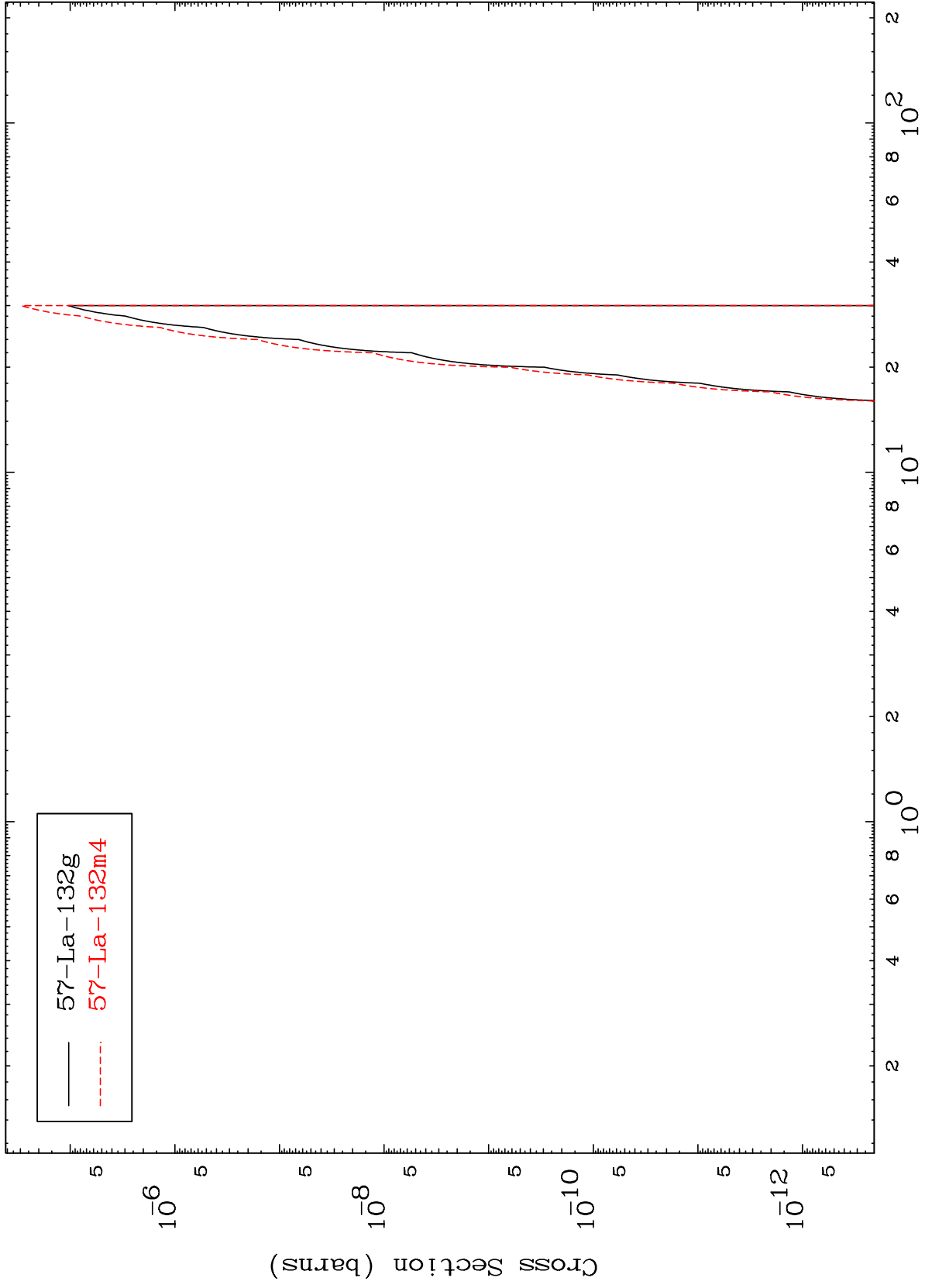
60-Nd-139m

MAT 6017

(n,n') 2 α

60-Nd-139m

Radionuclide Production Cross Section

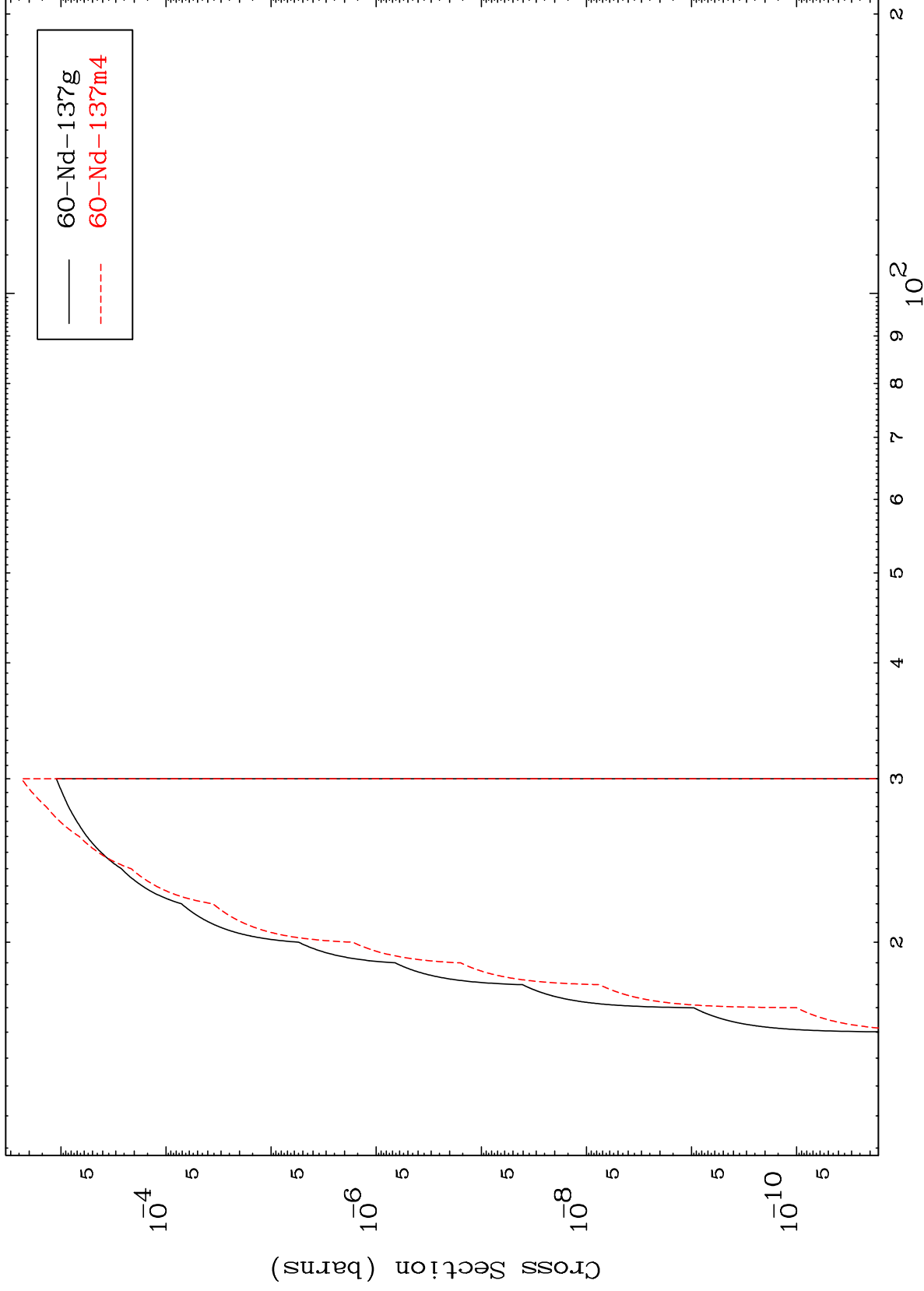


MAT 6017

(n,n') t

60-Nd-139m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

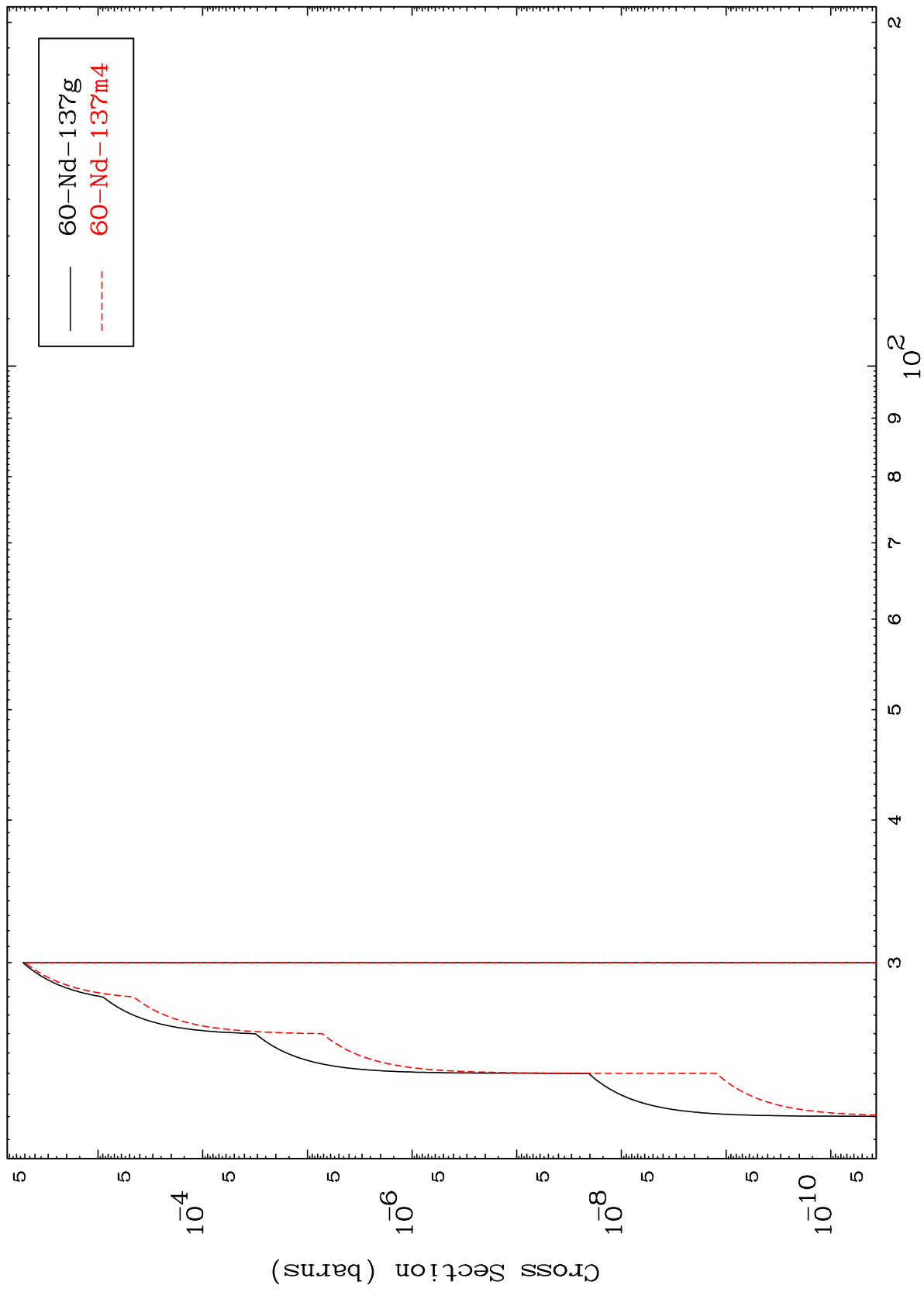
60-Nd-139m

MAT 6017

(n,3n) p

60-Nd-139m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

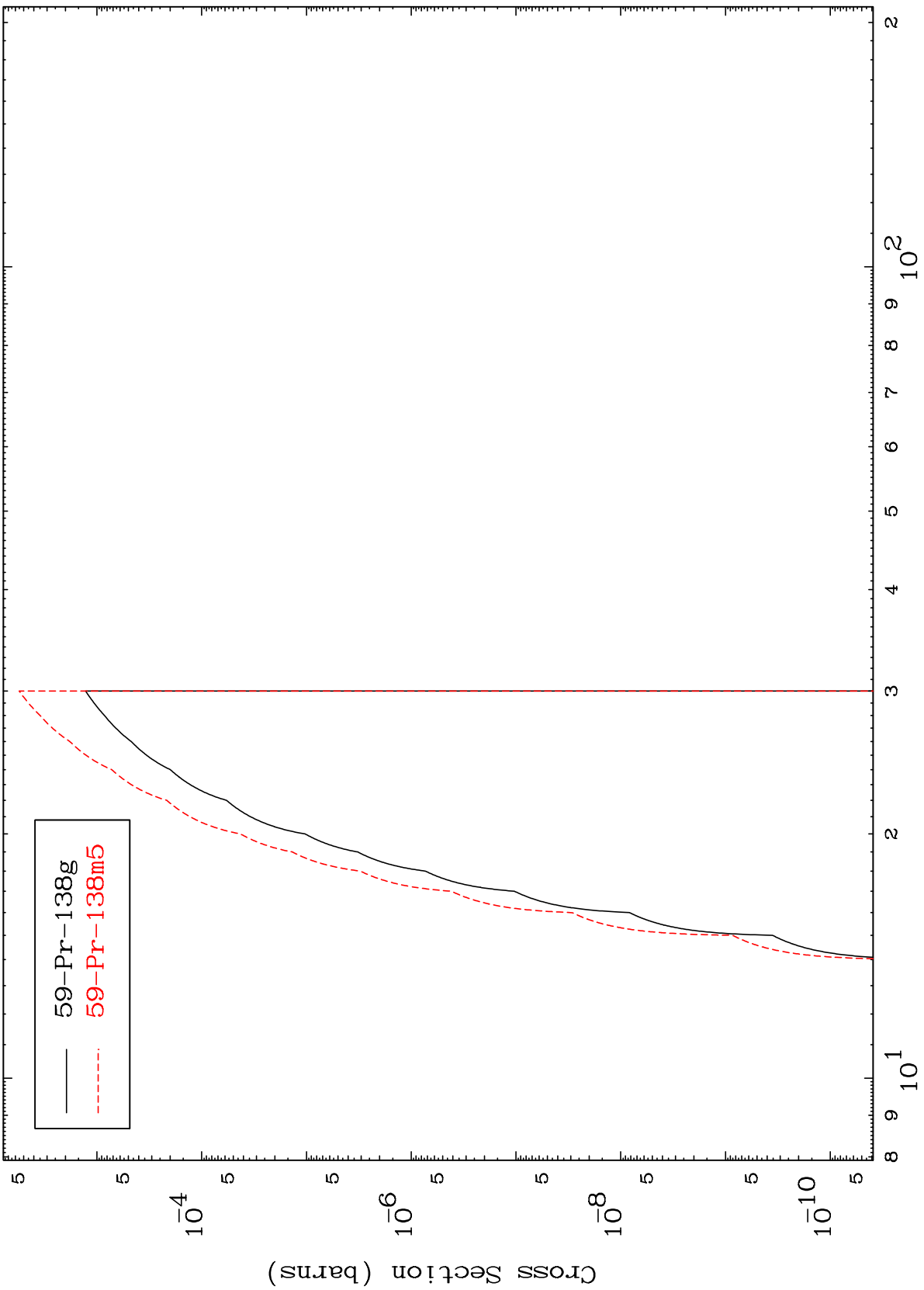
60-Nd-139m

MAT 6017

(n,2n) p

60-Nd-139m

Radionuclide Production Cross Section



59-Pr-138g
59-Pr-138m5

Incident Energy (MeV)

60-Nd-139m

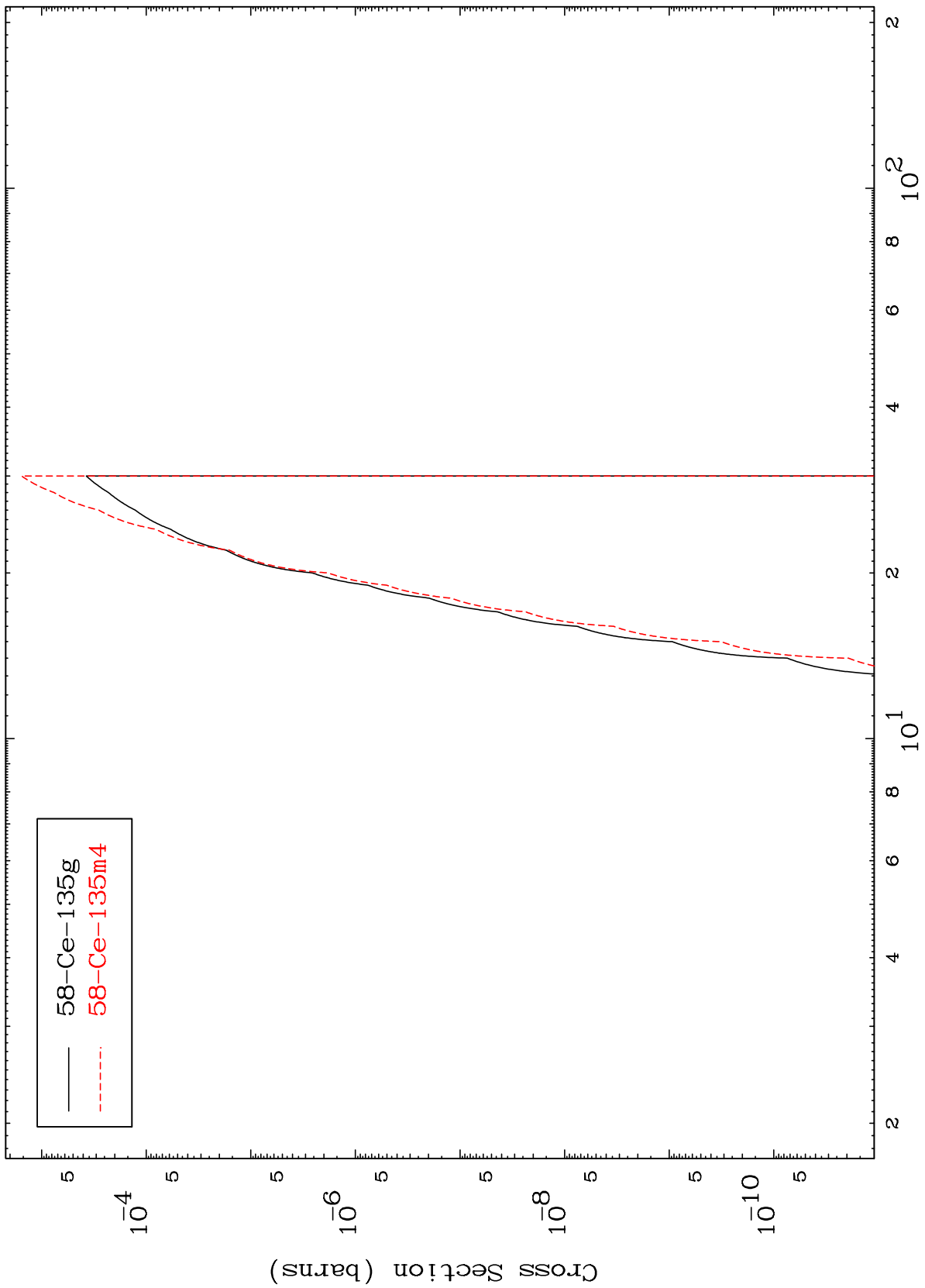
21

MAT 6017

(n,n') p α

60-Nd-139m

Radionuclide Production Cross Section

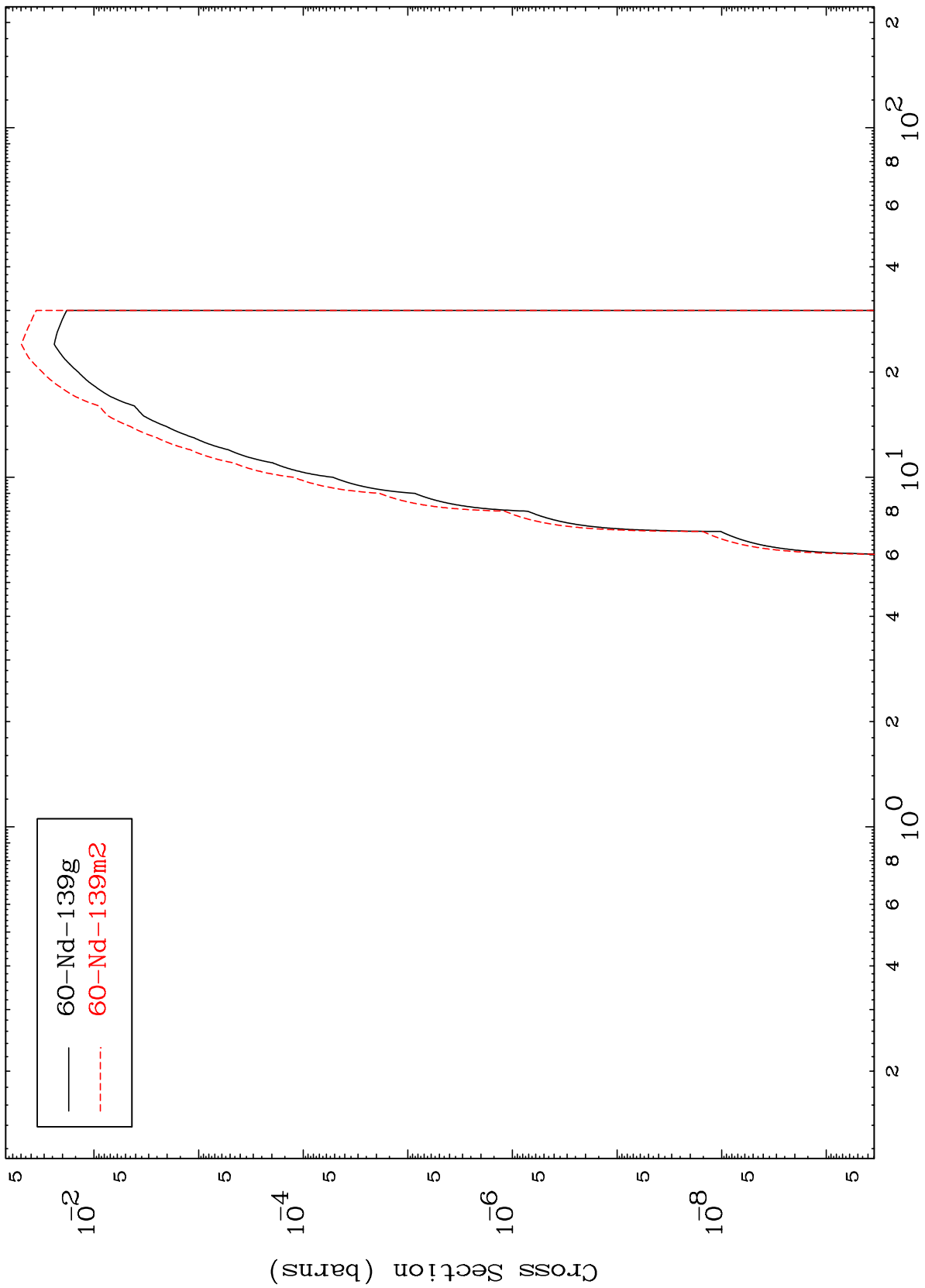


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(n,d)

60-Nd-139m

Radionuclide Production Cross Section



60-Nd-139g
60-Nd-139m2

Incident Energy (MeV)

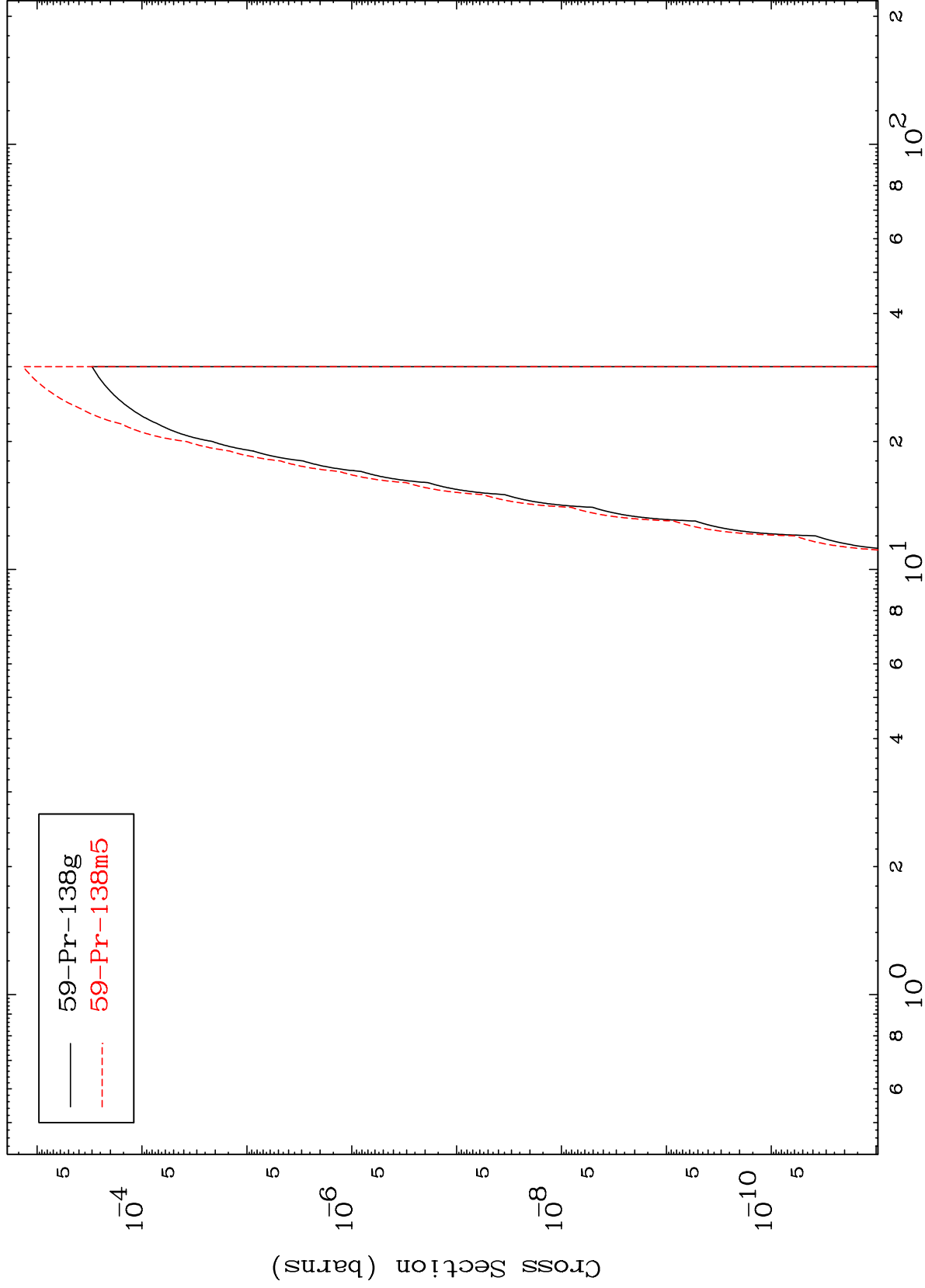
60-Nd-139m

MAT 6017

(n,He-3)

60-Nd-139m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

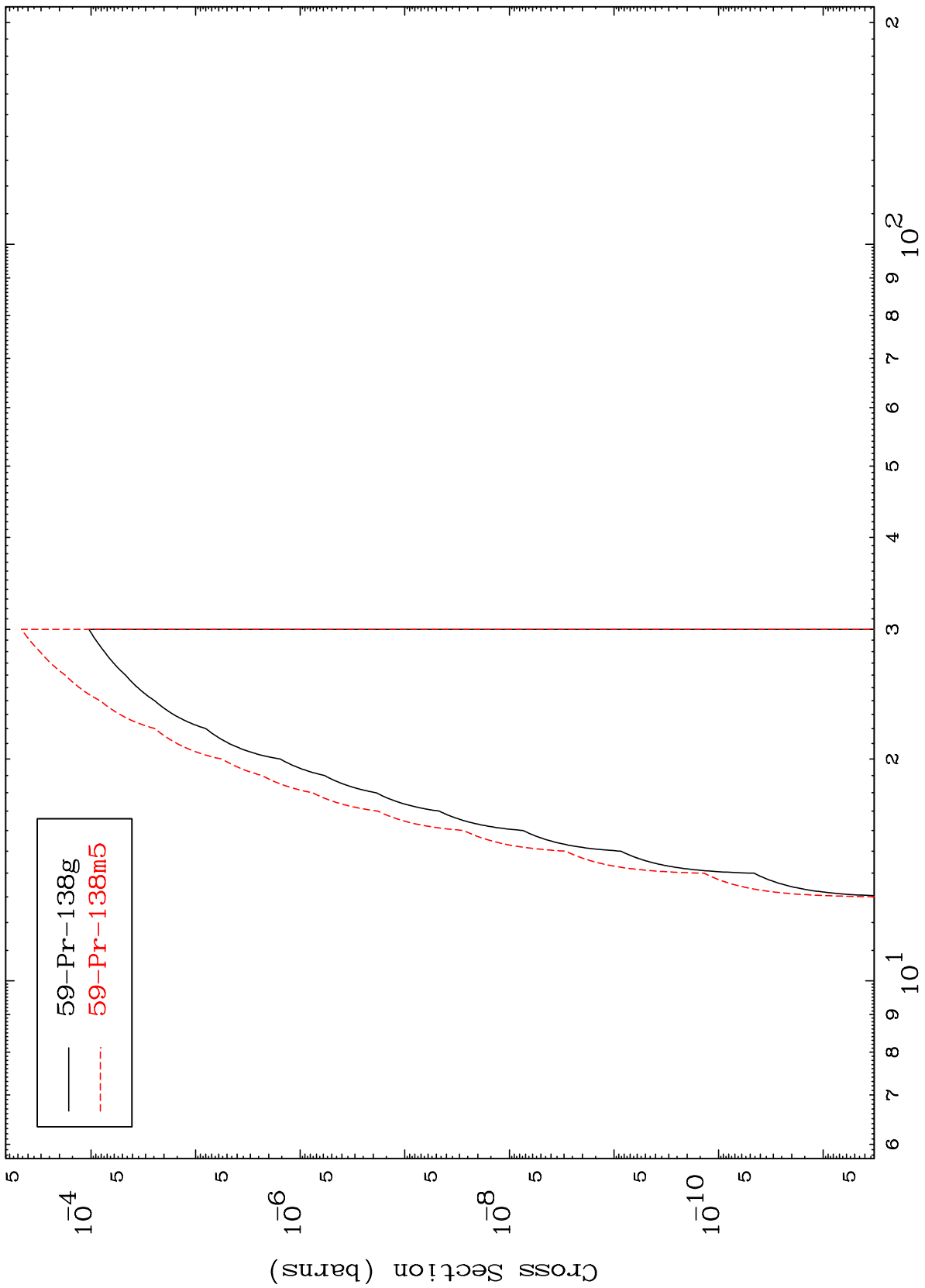
60-Nd-139m

MAT 6017

(n,p) d

60-Nd-139m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

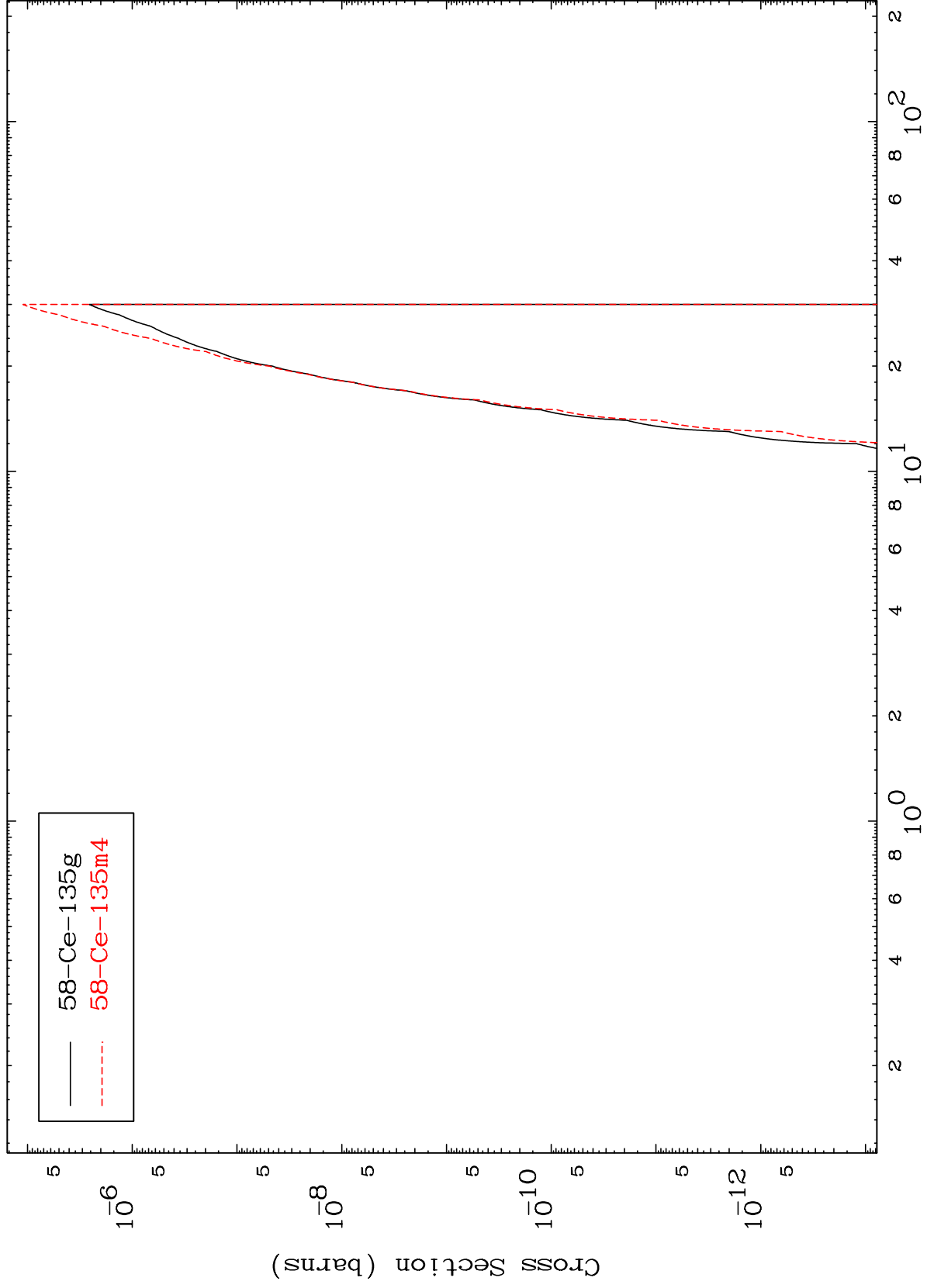
60-Nd-139m

MAT 6017

(n,d) α

60-Nd-139m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

60-Nd-139m