

Program EVALPLOT  
(Version 2021-1)

by

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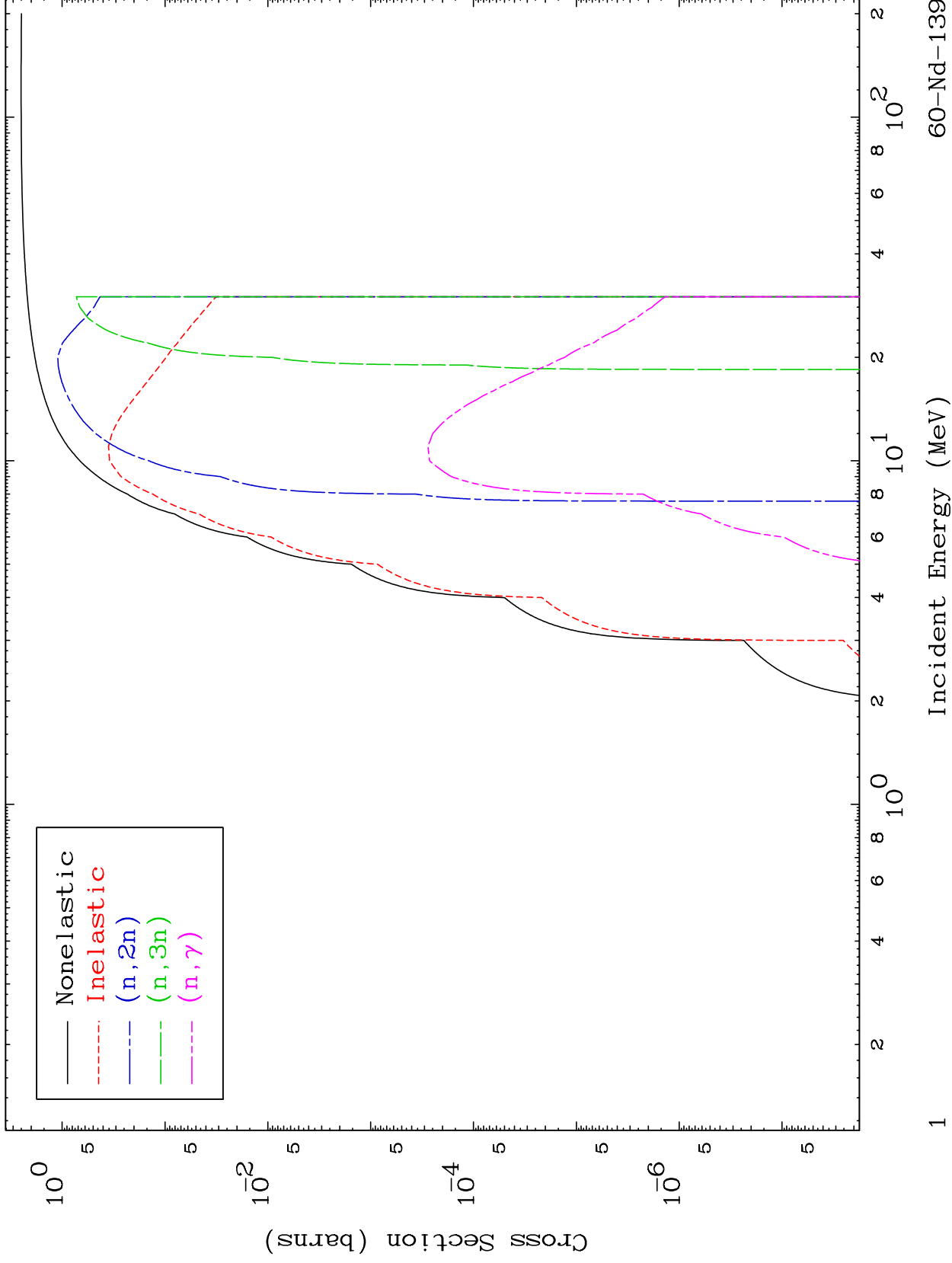
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6016

Deuteron Major  
0 Kelvin Cross Sections

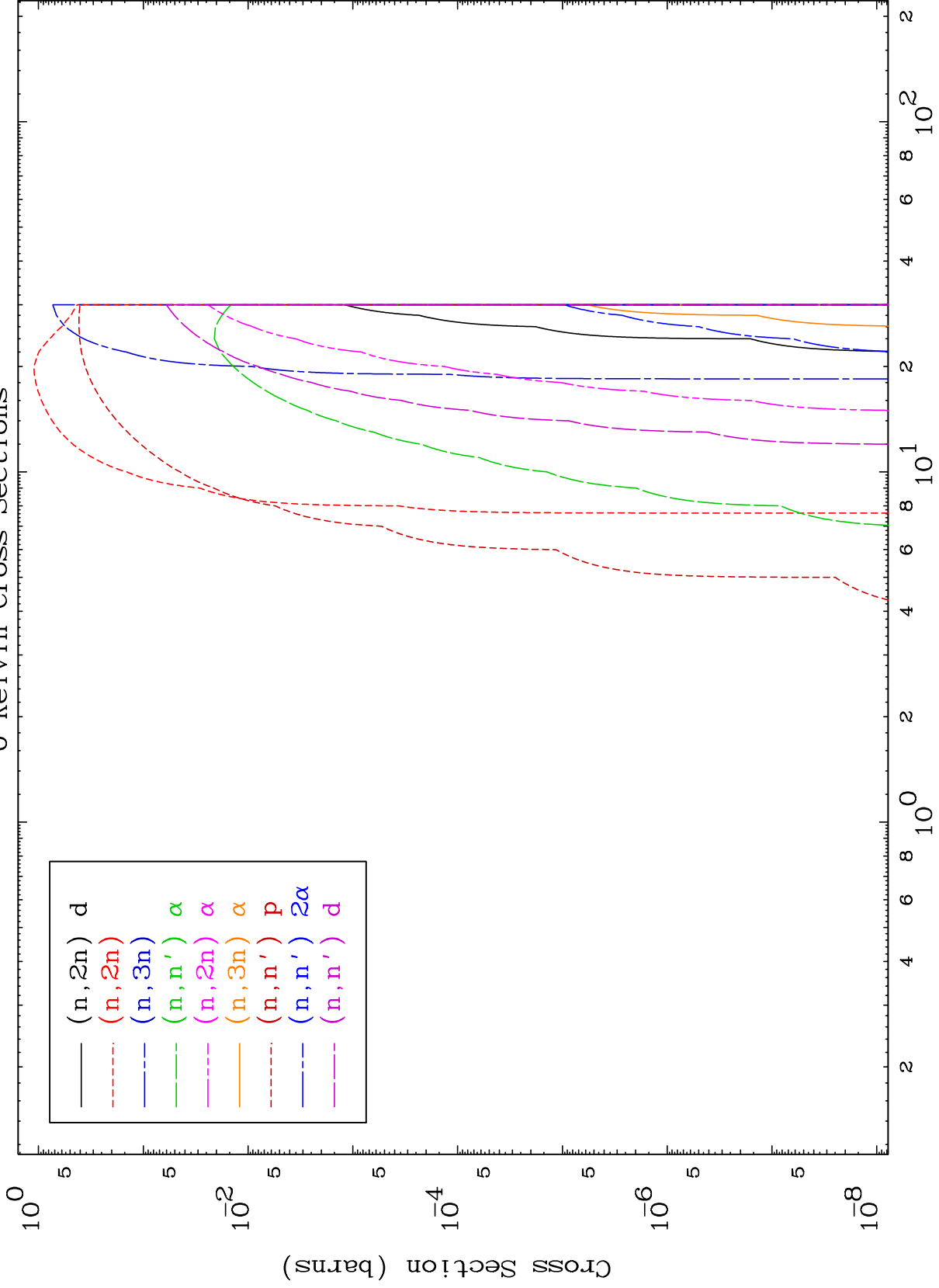
60-Nd-139

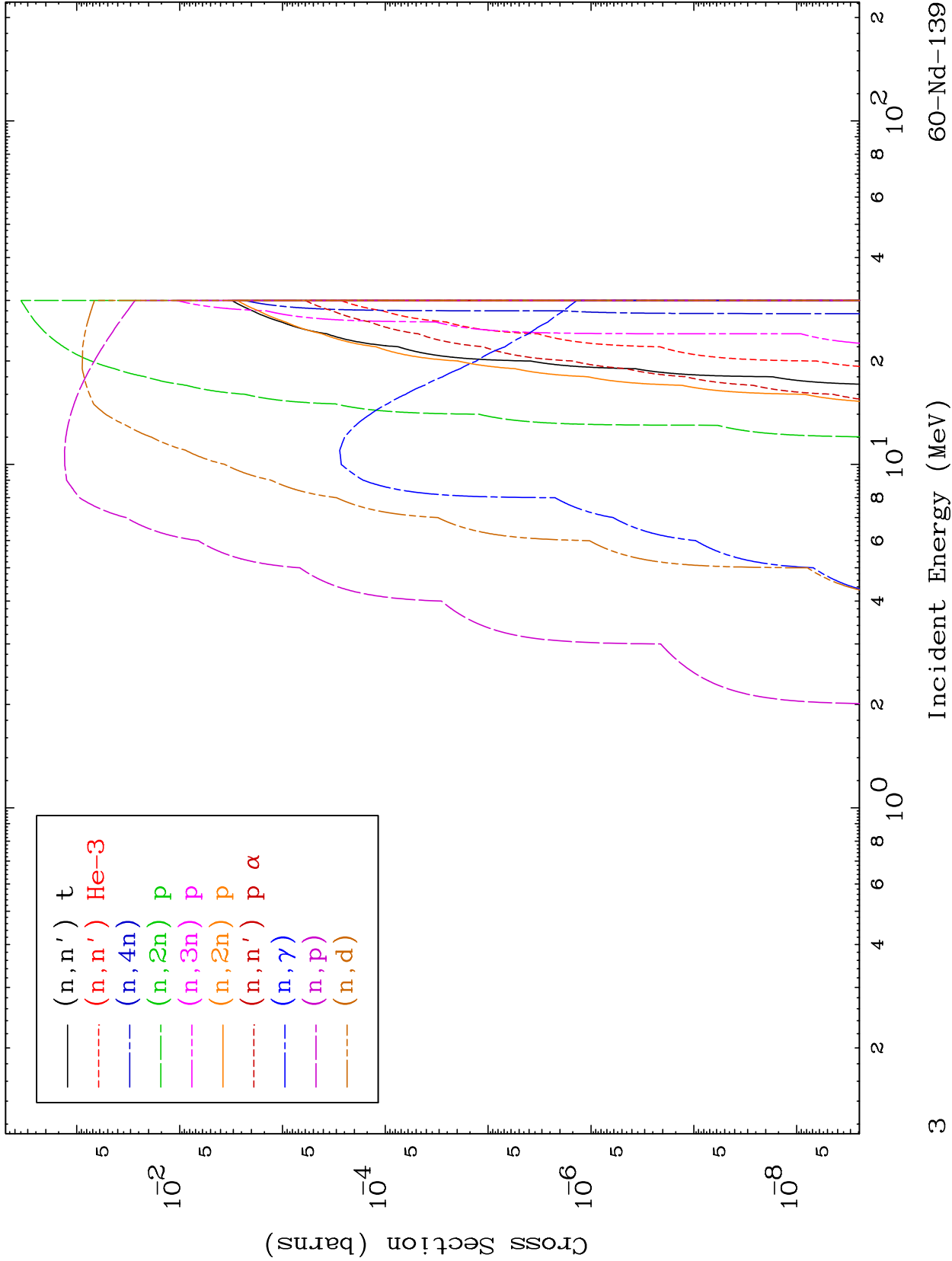


MAT 6016

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

60-Nd-139

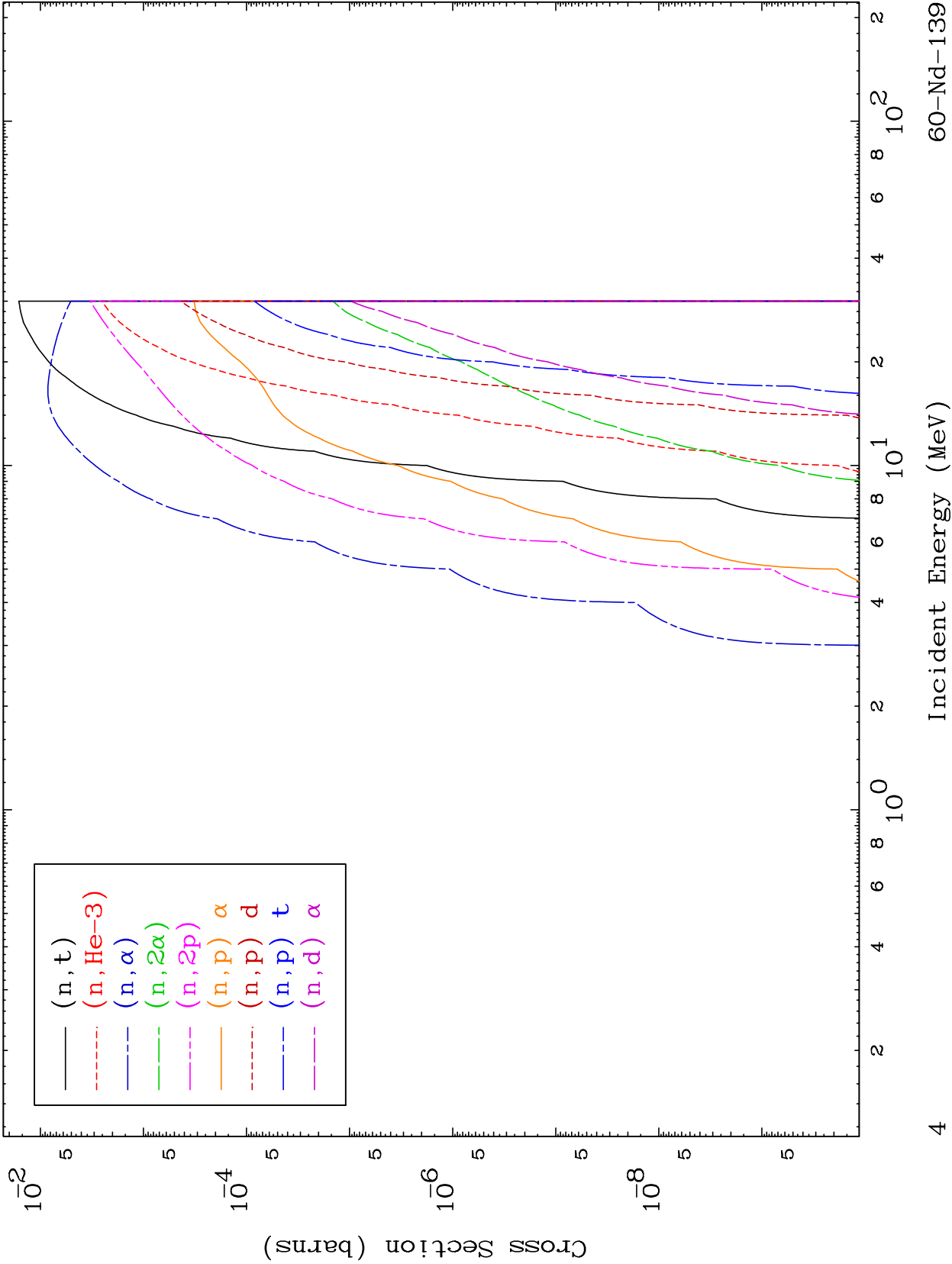




MAT 6016

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

60-Nd-139

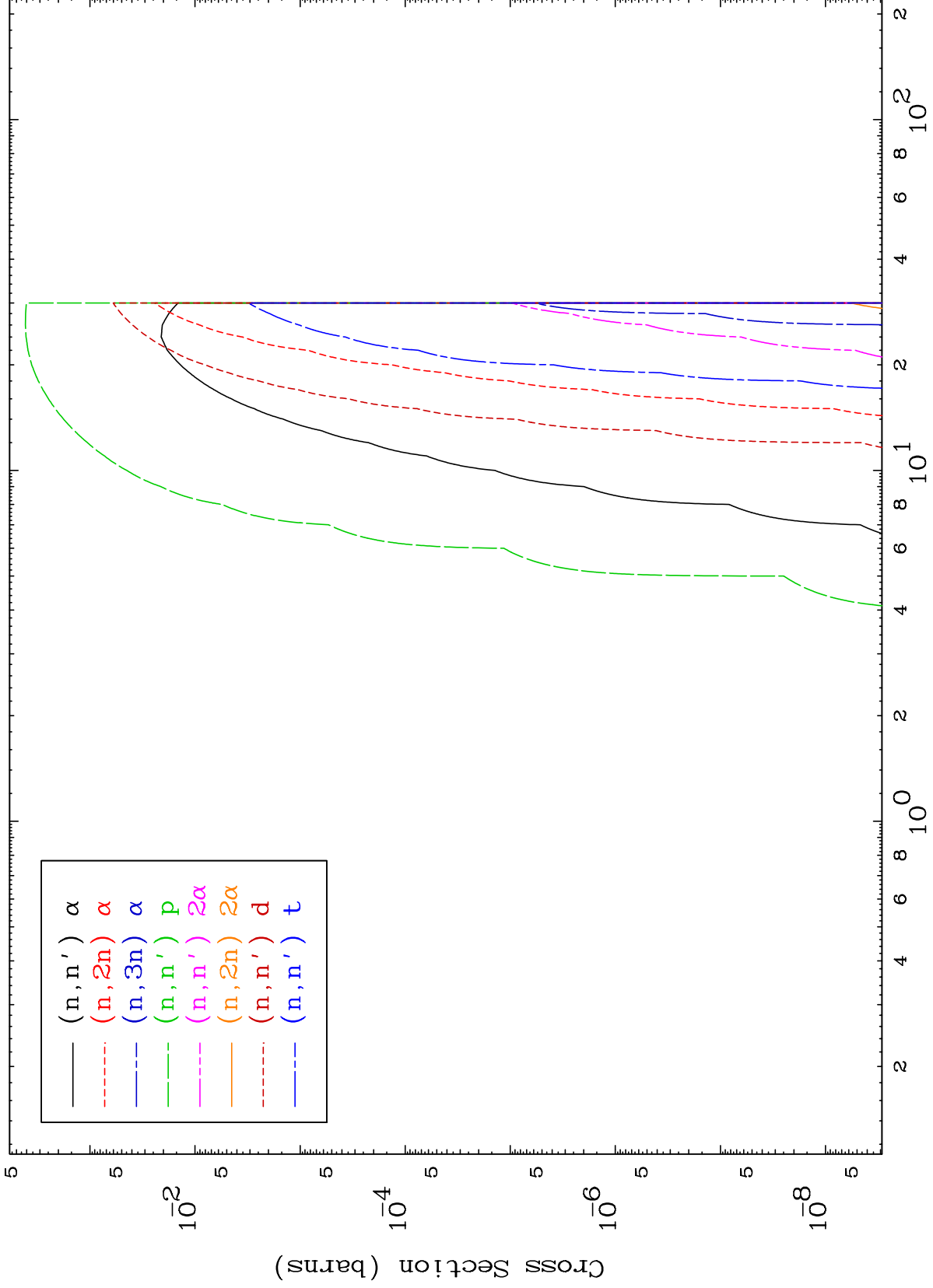


60-Nd-139

MAT 6016

Deuteron Charged Particle  
0 Kelvin Cross Sections

60-Nd-139



5

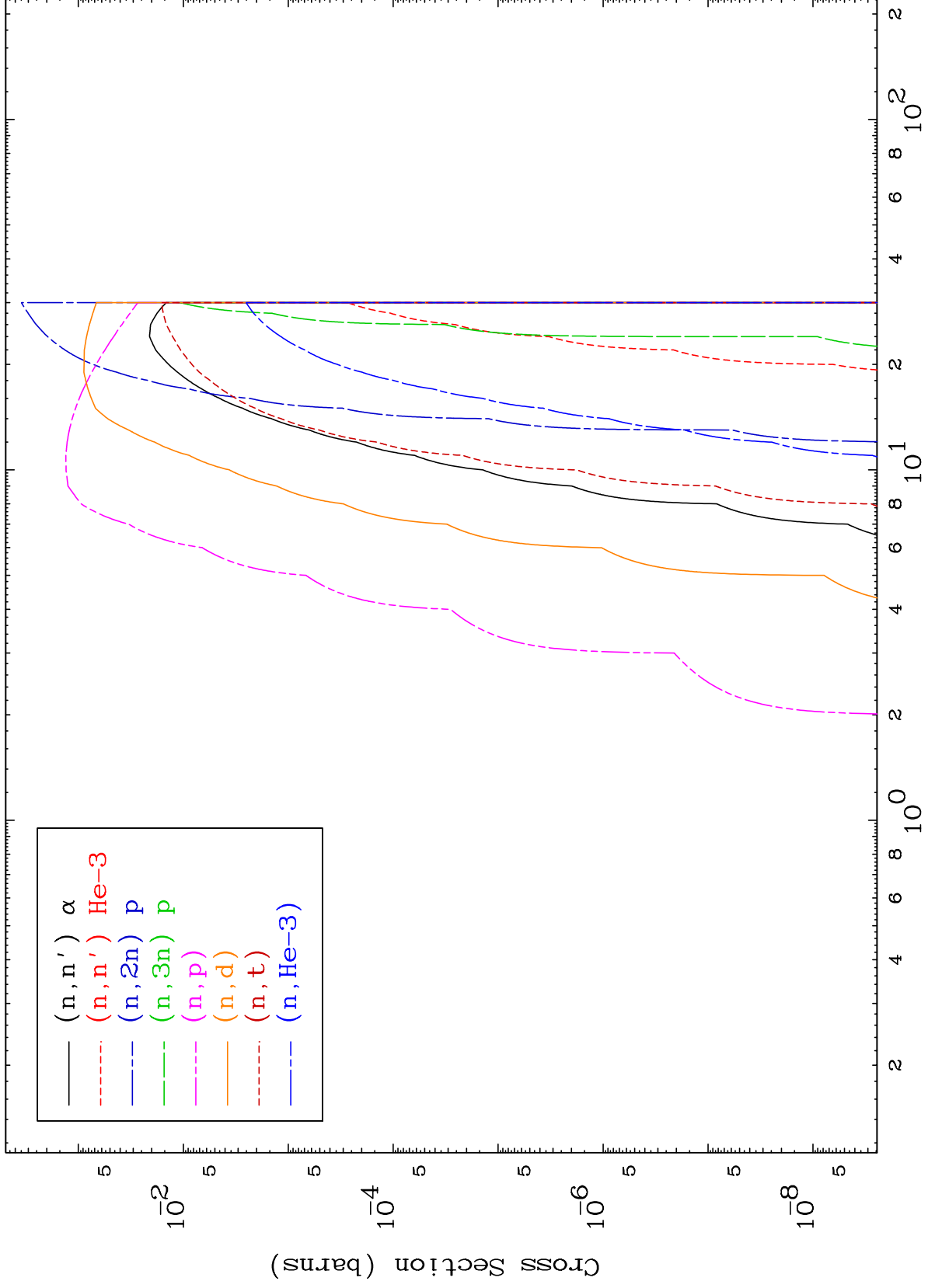
Incident Energy (MeV)

60-Nd-139

MAT 6016

Deuteron Charged Particle  
0 Kelvin Cross Sections

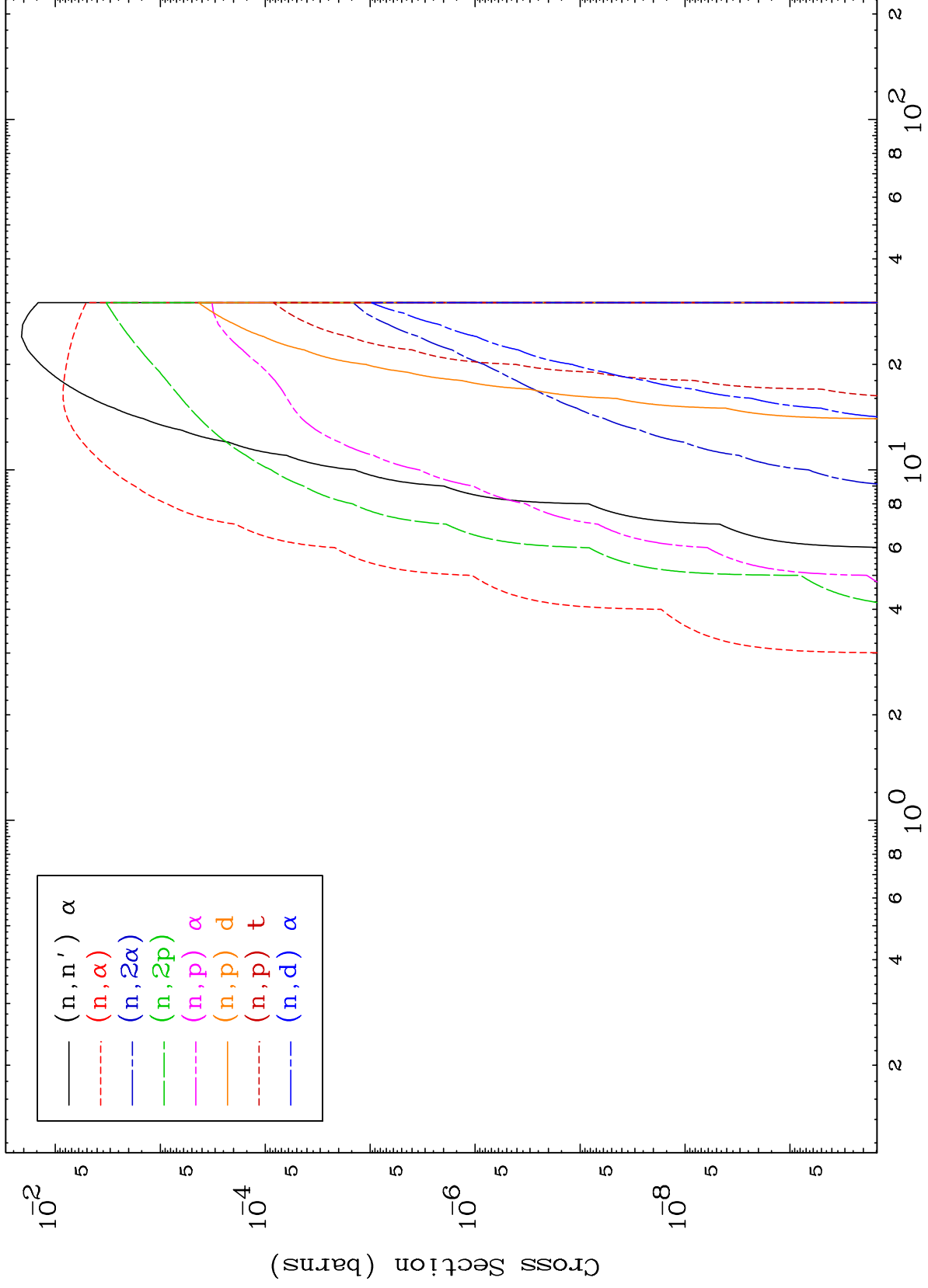
60-Nd-139



MAT 6016

Deuteron Charged Particle  
0 Kelvin Cross Sections

60-Nd-139

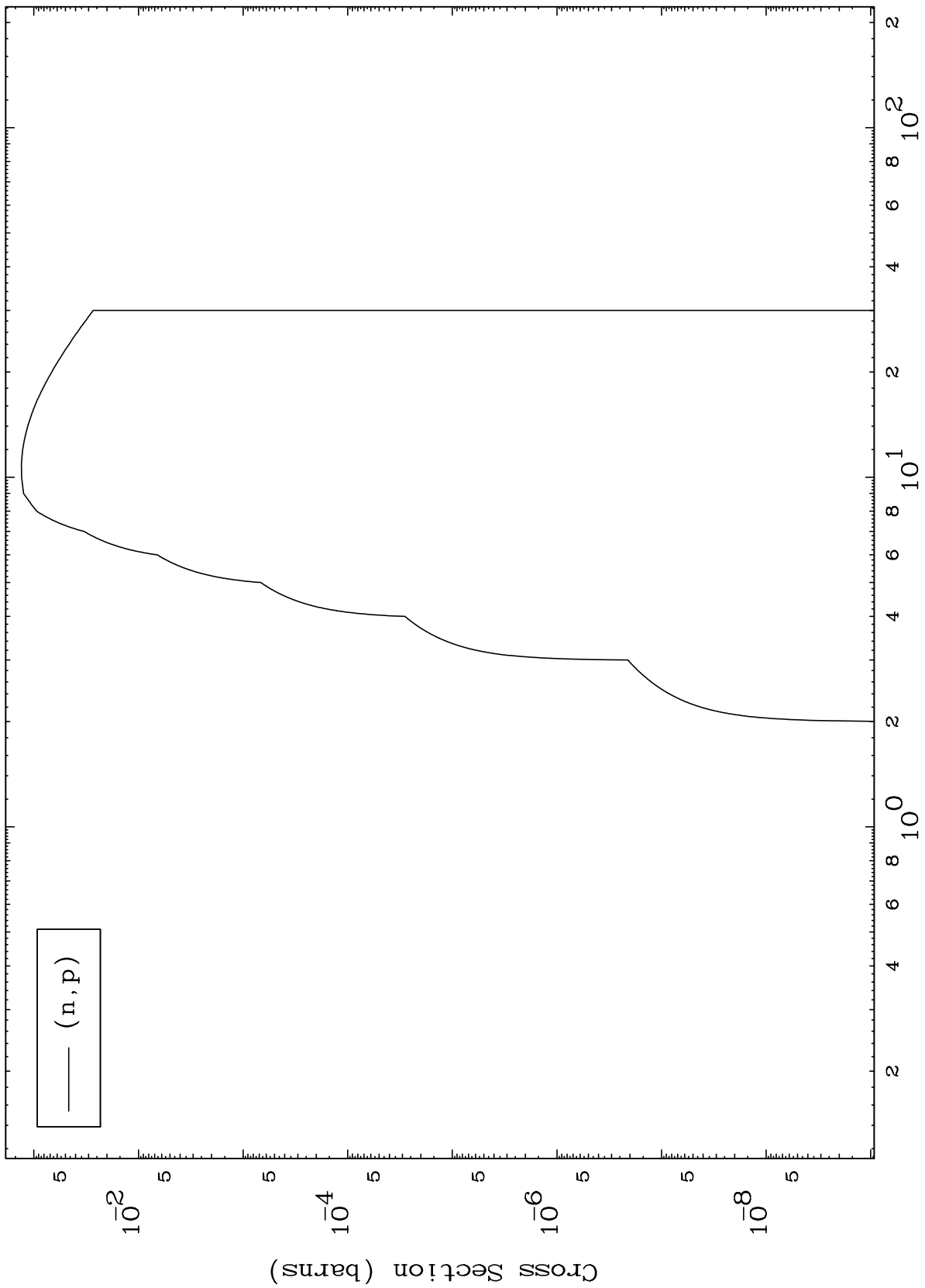




MAT 6016

60-Nd-139

(d,p) Levels  
0 Kelvin Cross Sections

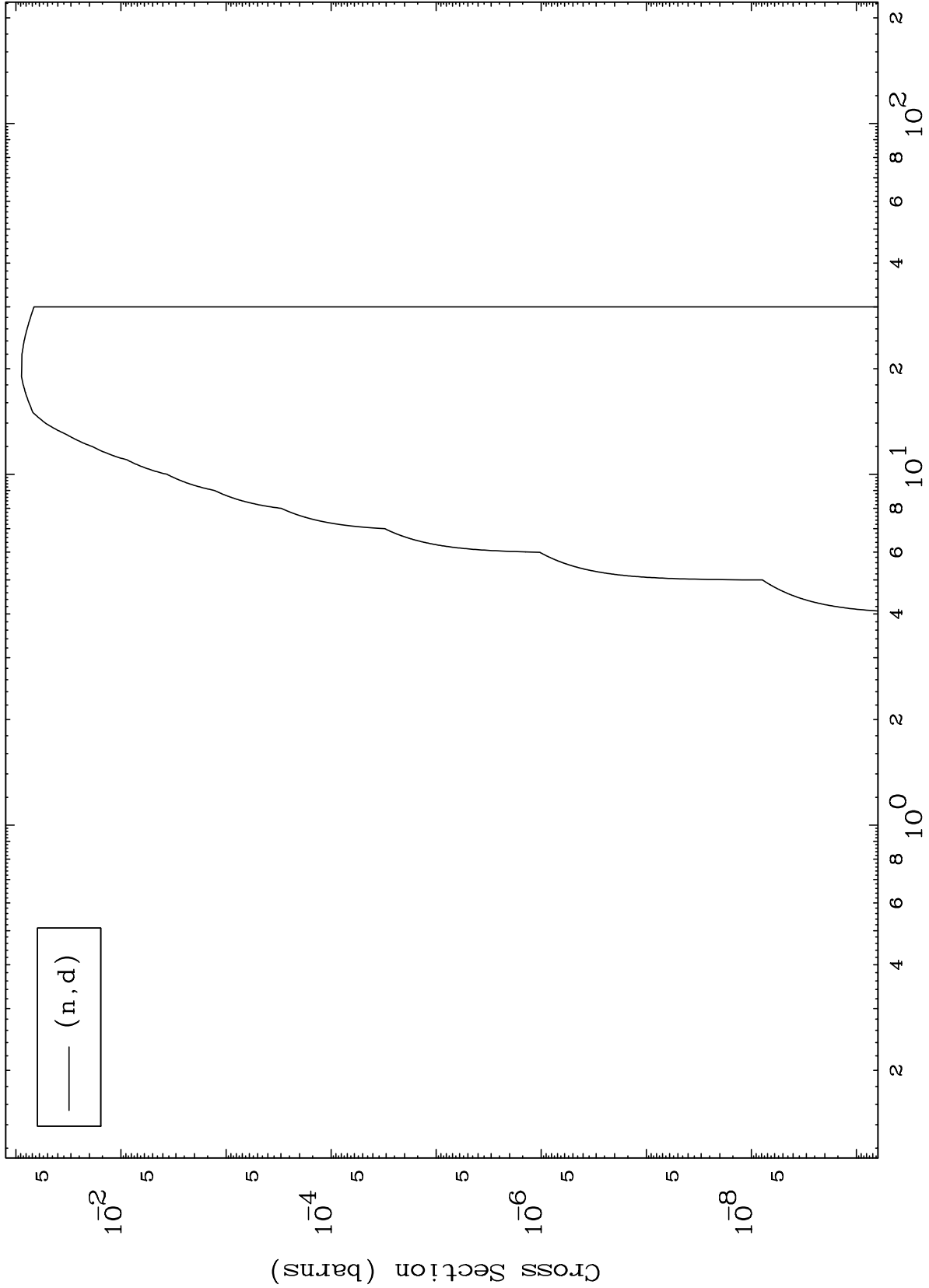


MAT 6016

(d,d) Levels

60-Nd-139

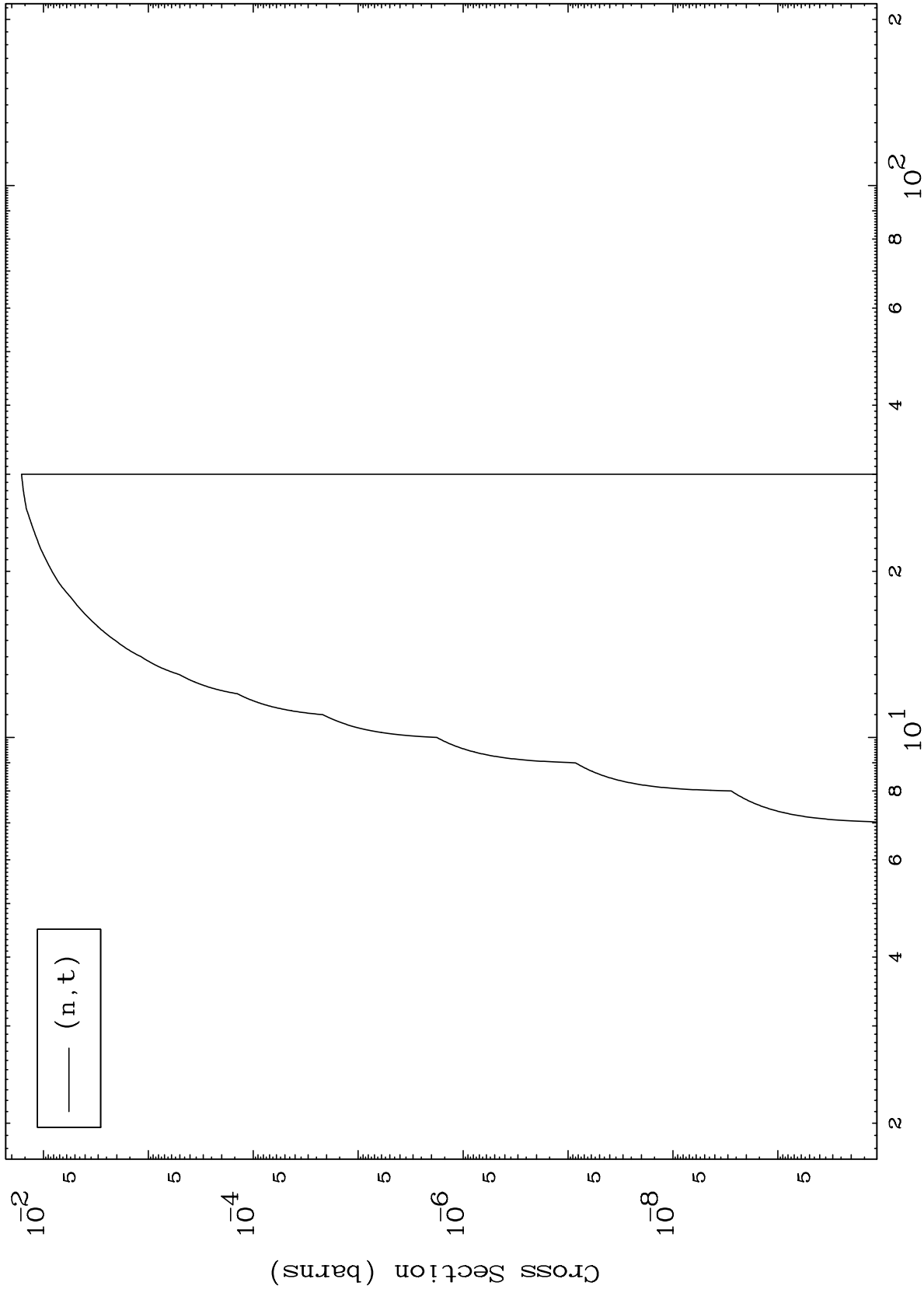
0 Kelvin Cross Sections



MAT 6016

(d,t) Levels  
0 Kelvin Cross Sections

60-Nd-139



10

Incident Energy (MeV)

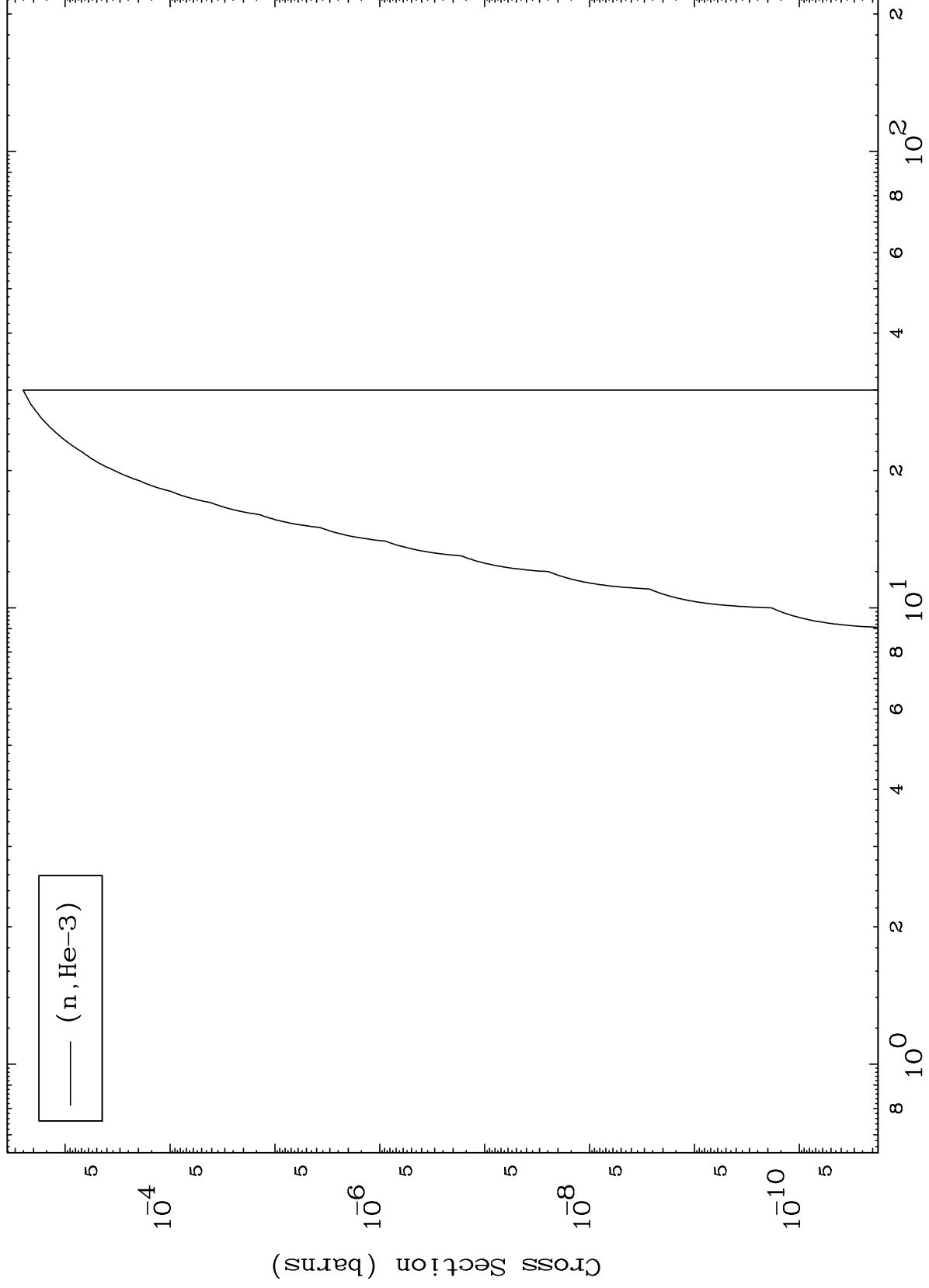
60-Nd-139

MAT 6016

(d,He3) Levels

60-Nd-139

0 Kelvin Cross Sections



11

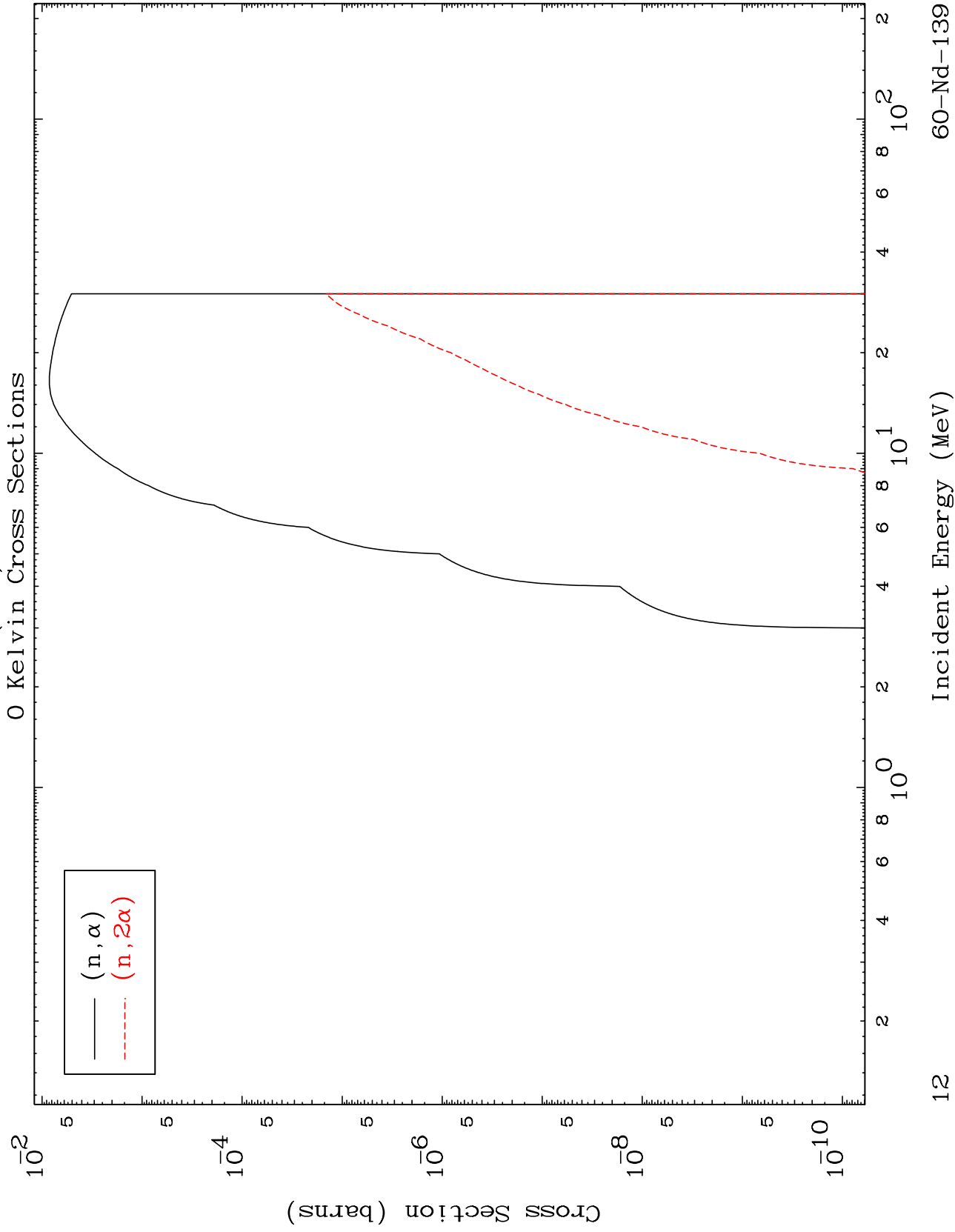
Incident Energy (MeV)

60-Nd-139

MAT 6016

(d,  $\alpha$ ) Levels

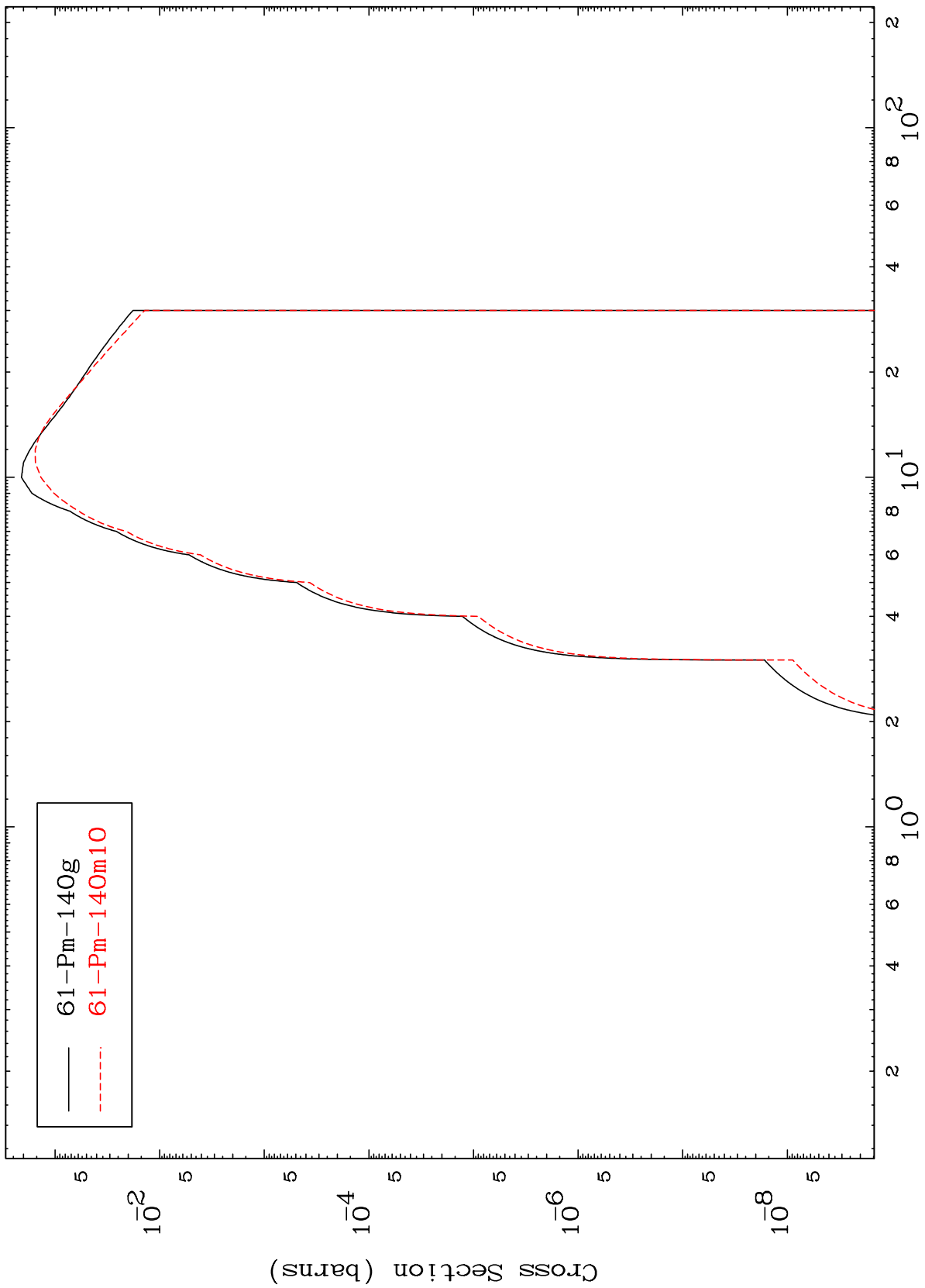
60-Nd-139



MAT 6016

60-Nd-139

Inelastic  
Radionuclide Production Cross Section



60-Nd-139

Incident Energy (MeV)

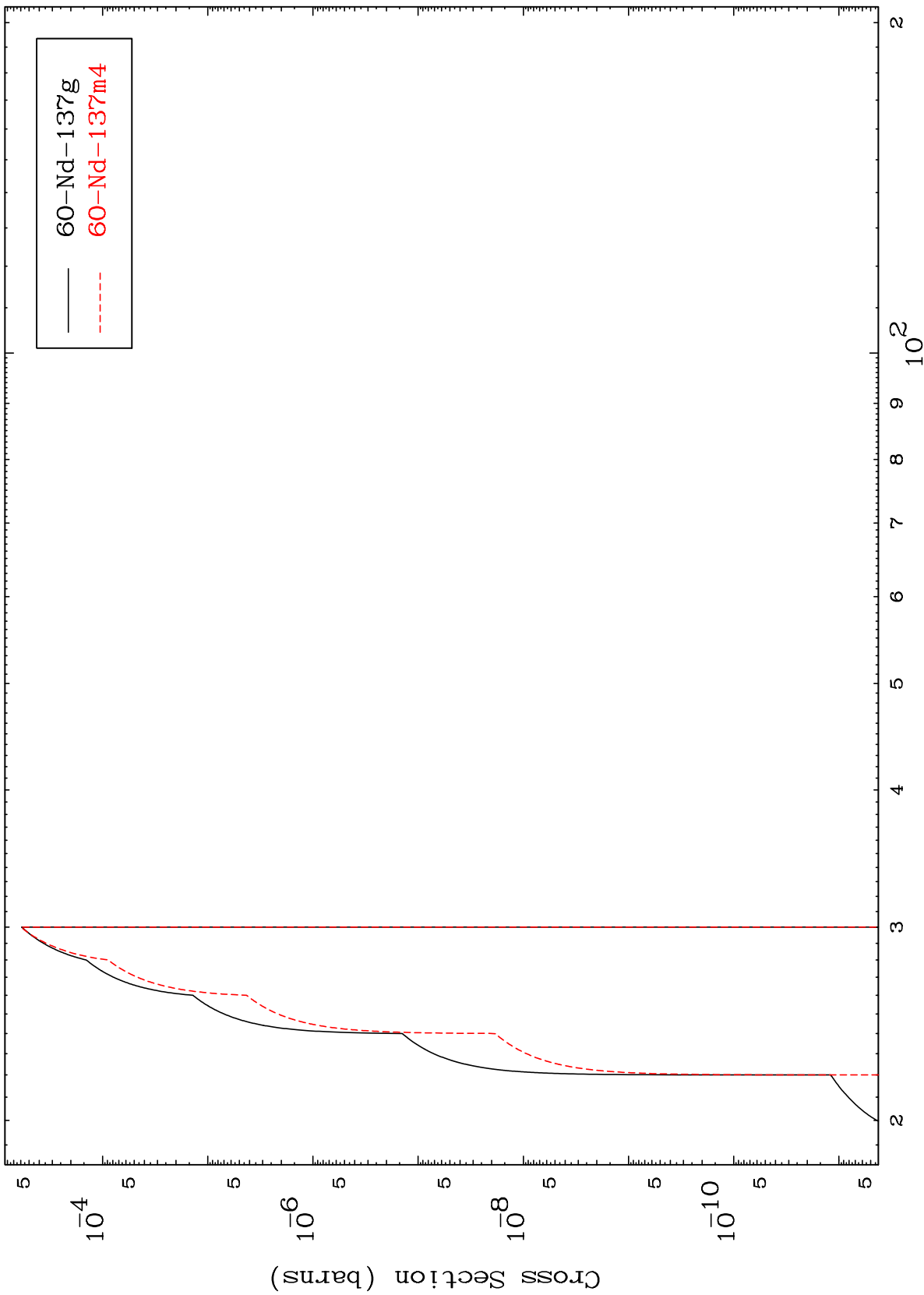
13

MAT 6016

(n,2n) d

60-Nd-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

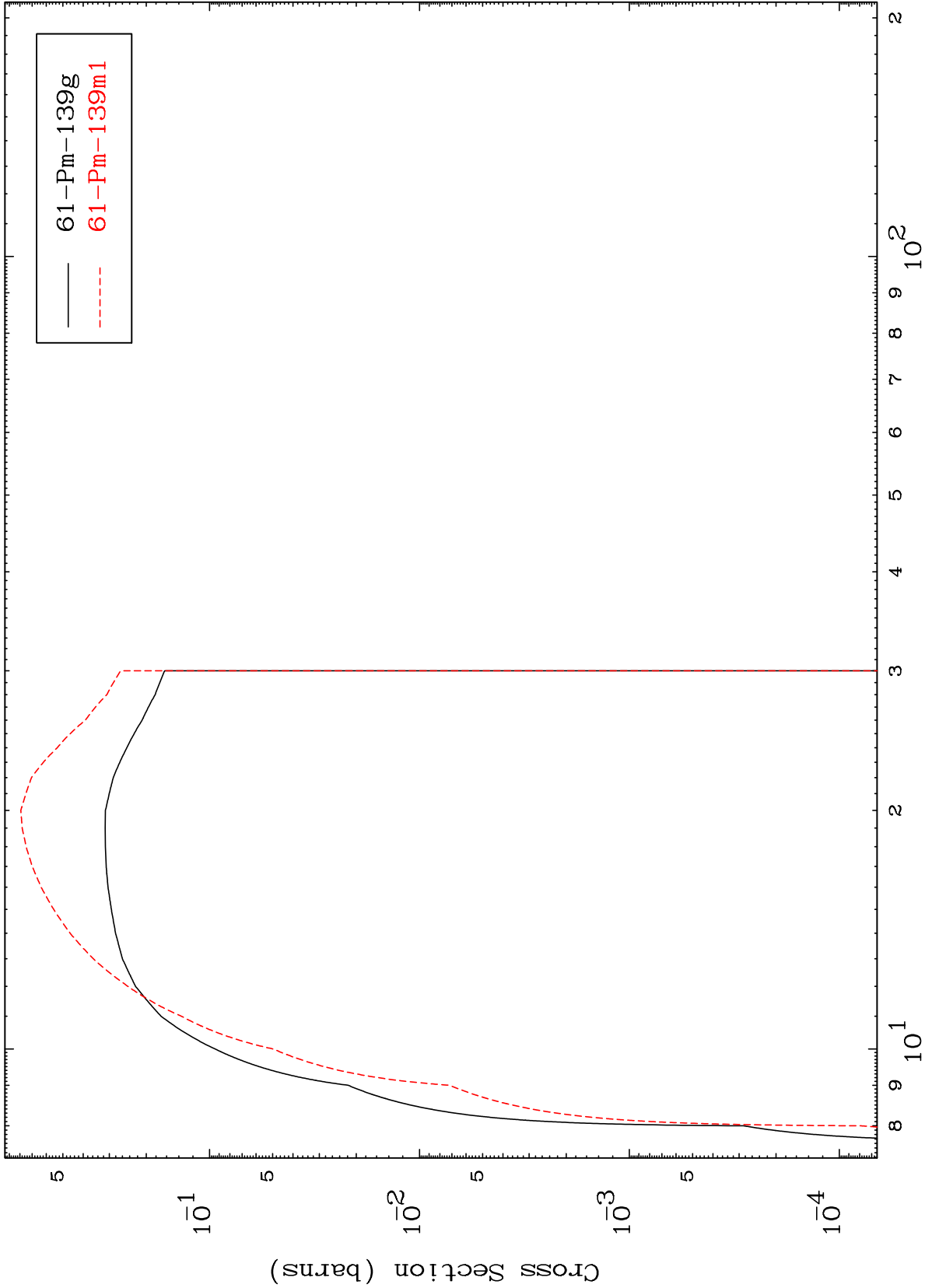
60-Nd-139

MAT 6016

(n,2n)

60-Nd-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

60-Nd-139

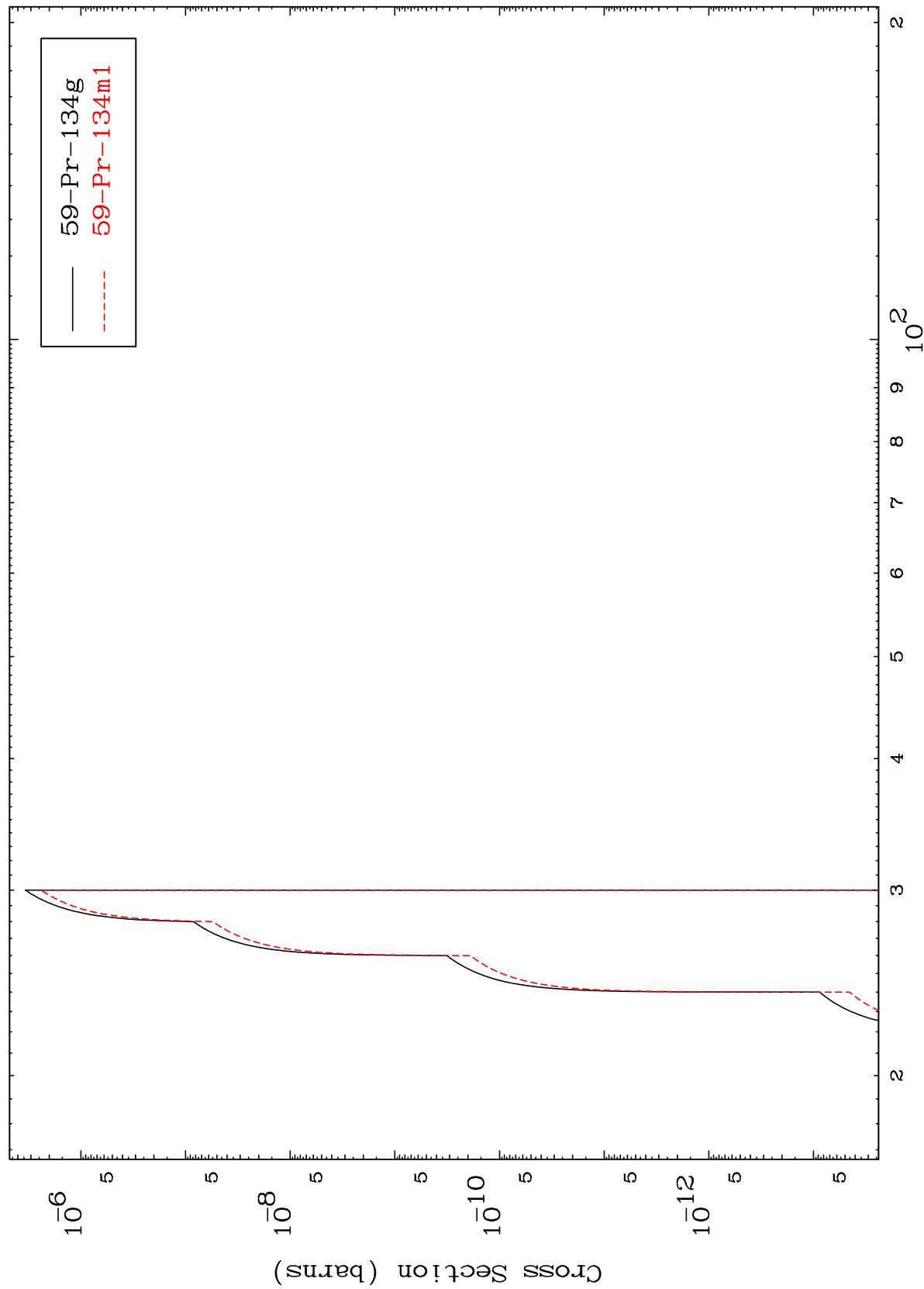


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(n,3n)  $\alpha$

60-Nd-139

Radionuclide Production Cross Section



16

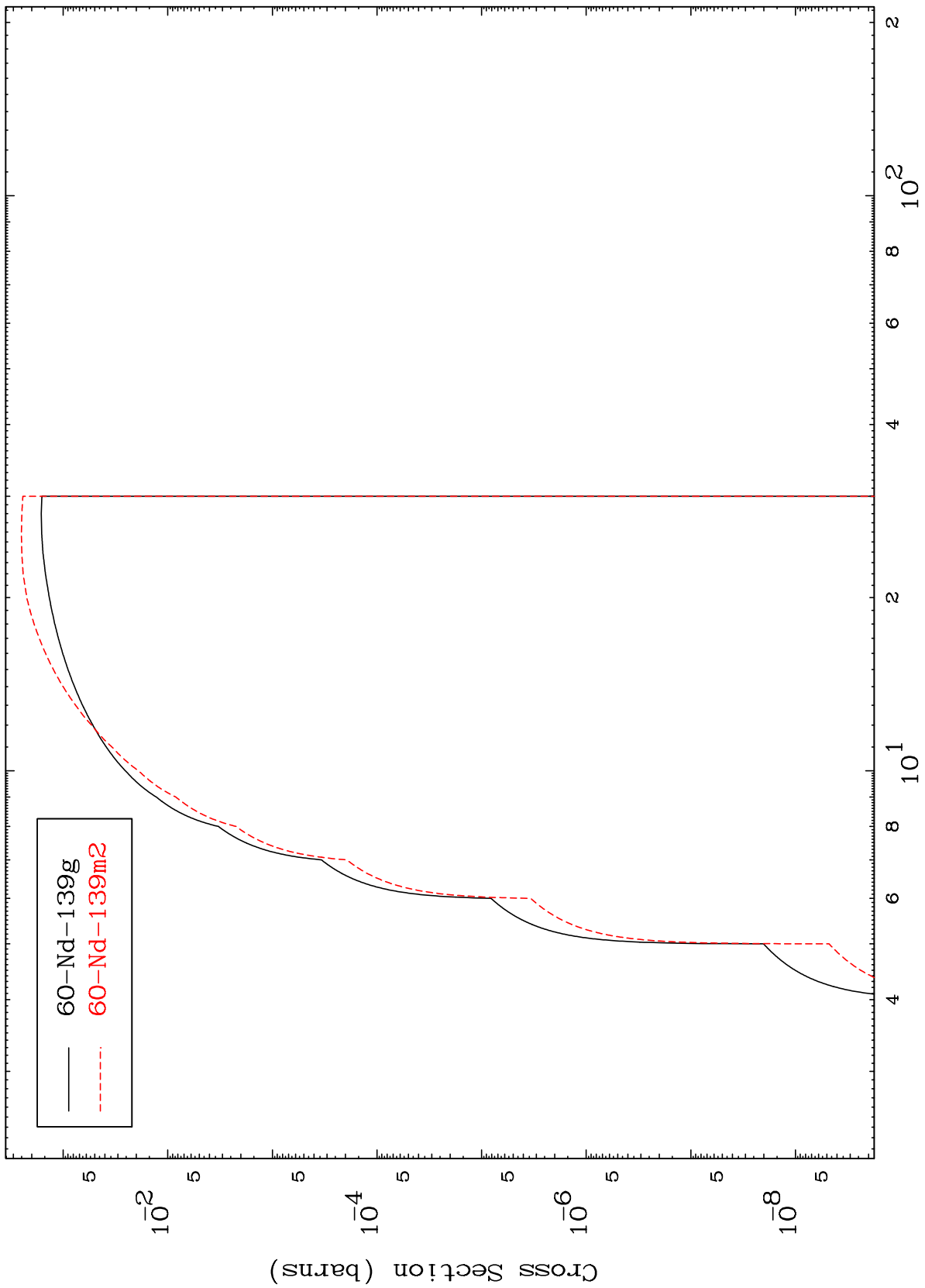
Incident Energy (MeV)

60-Nd-139

MAT 6016

60-Nd-139

(n,n') p  
Radionuclide Production Cross Section



60-Nd-139

Incident Energy (MeV)

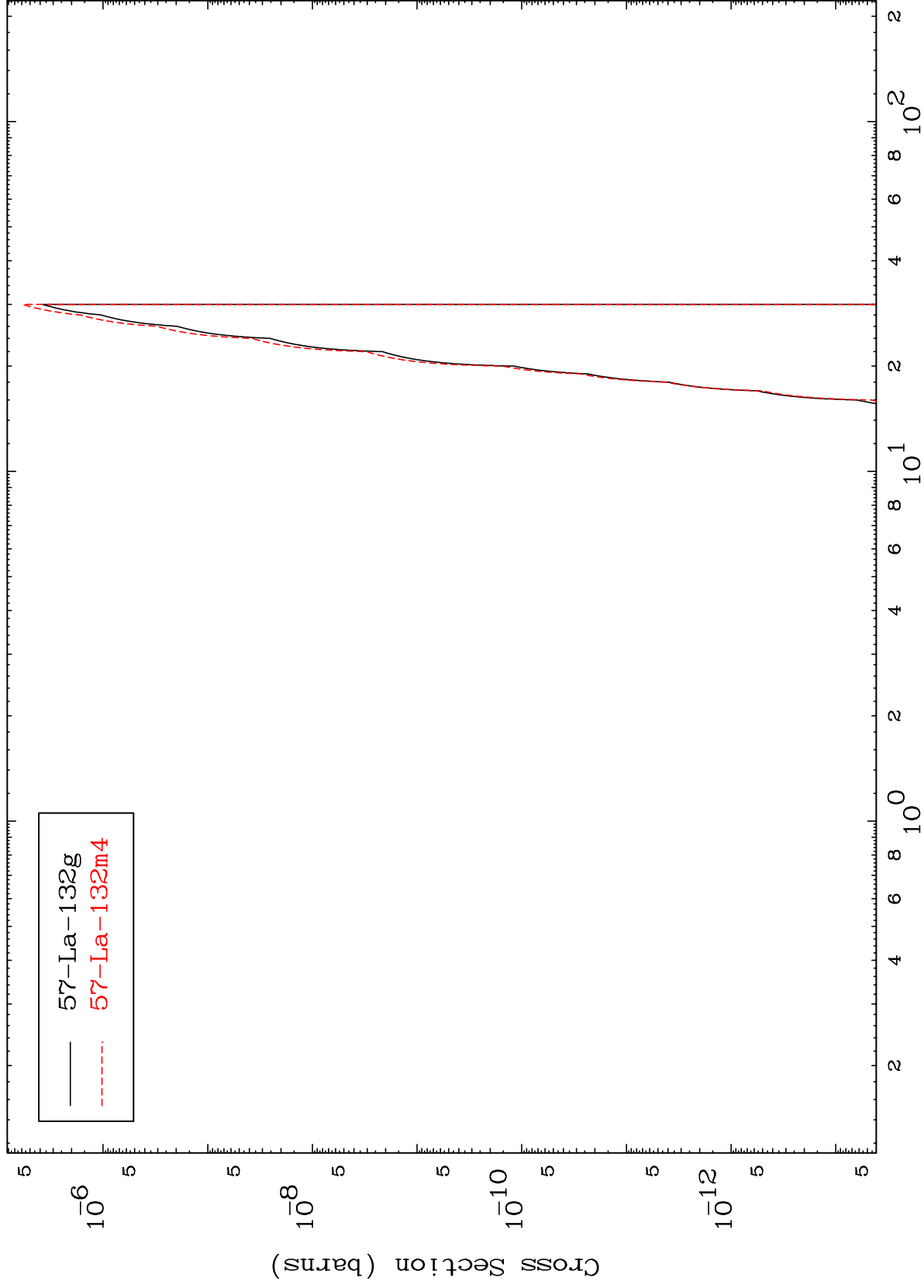
17

MAT 6016

(n,n') 2 $\alpha$

60-Nd-139

Radionuclide Production Cross Section



18

Incident Energy (MeV)

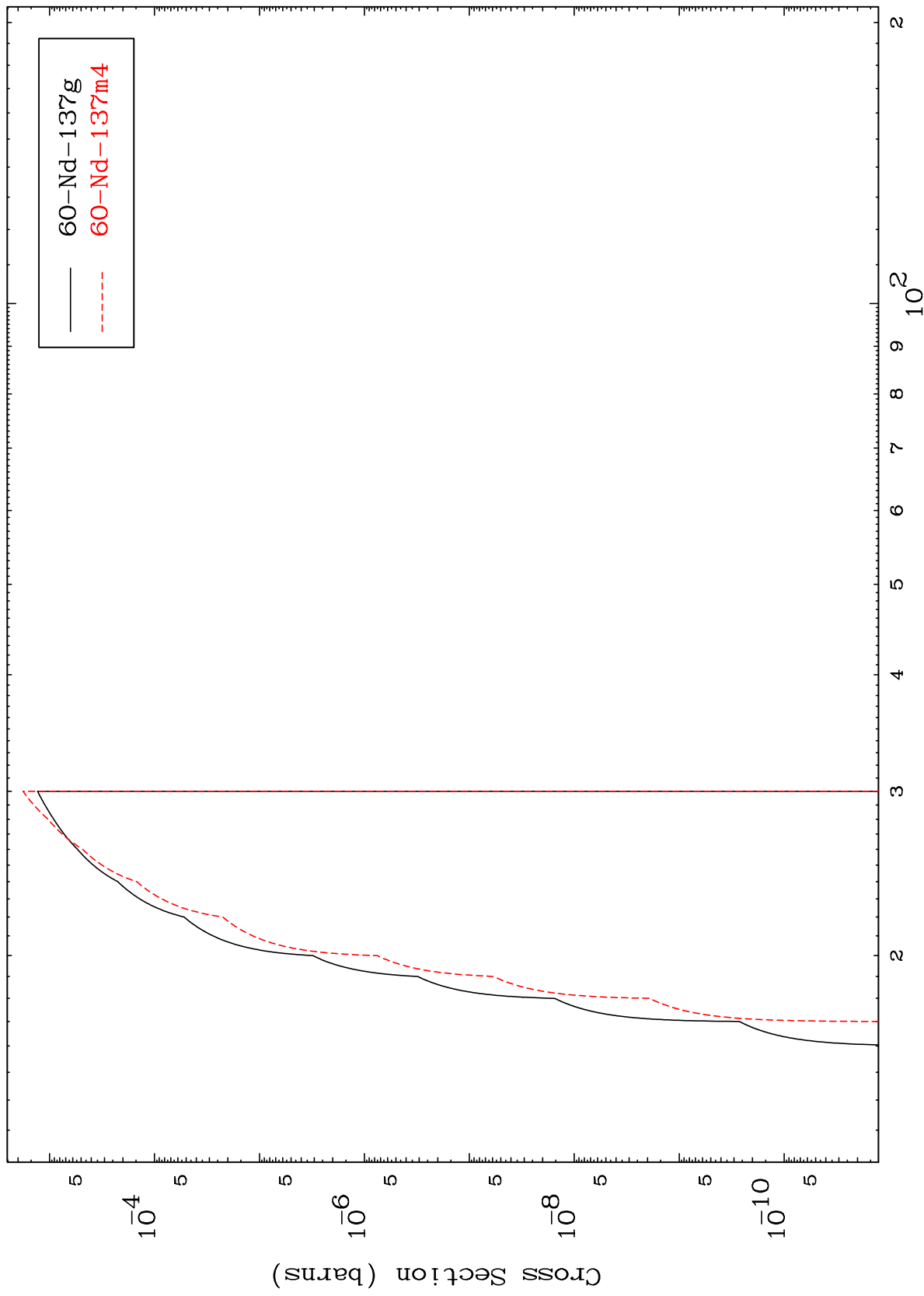
60-Nd-139

MAT 6016

(n,n') t

60-Nd-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

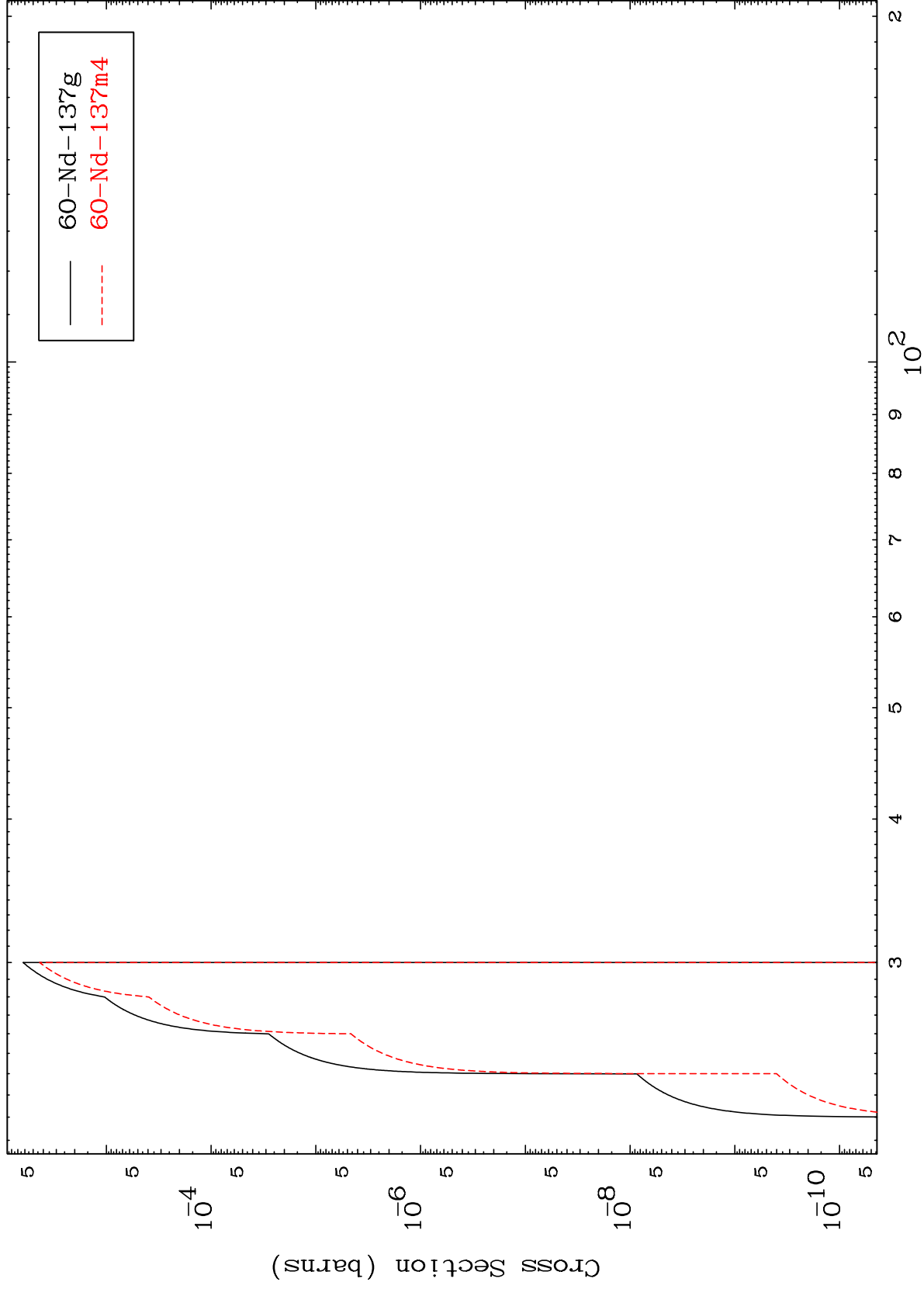
60-Nd-139

MAT 6016

(n,3n) p

60-Nd-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

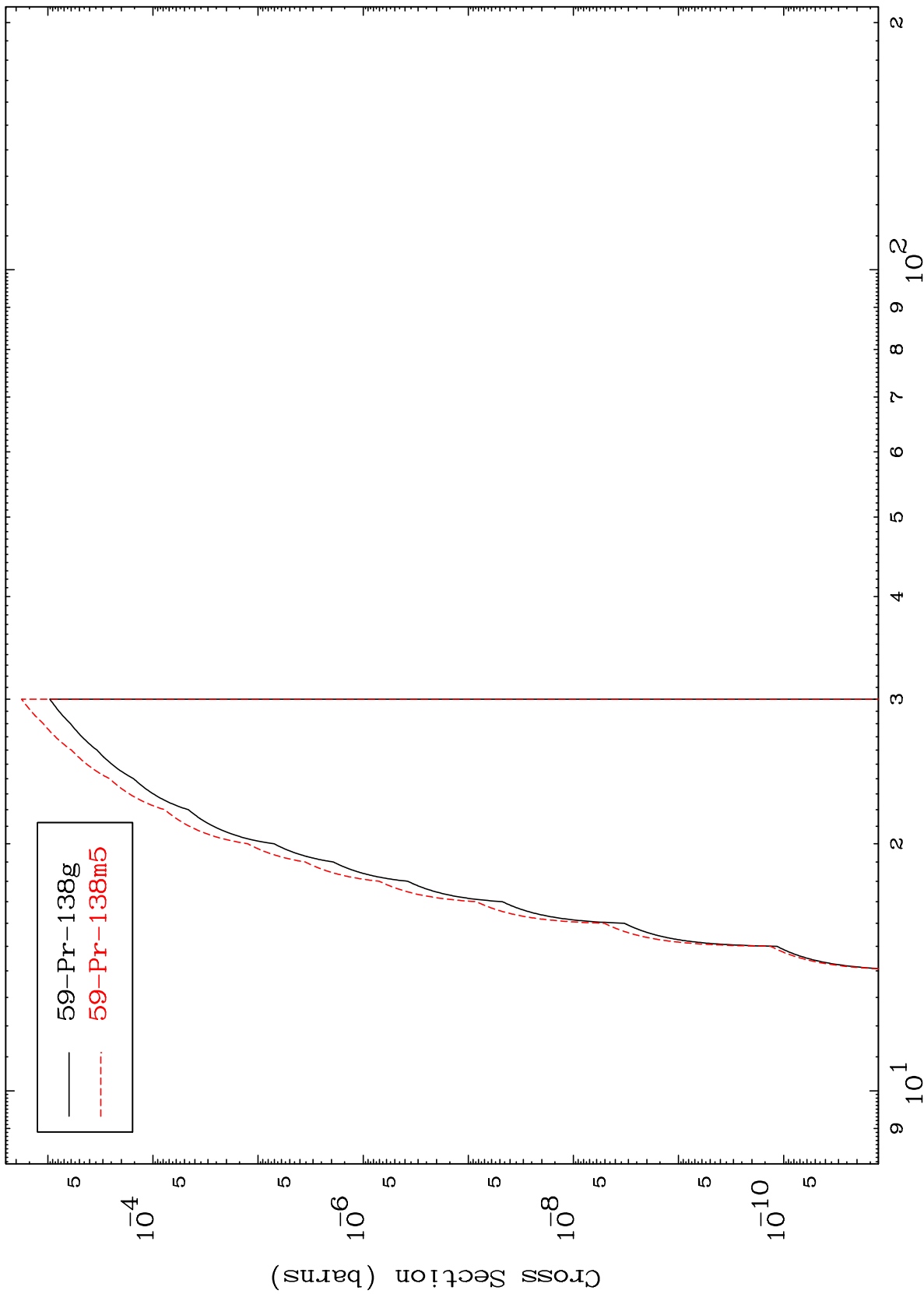
60-Nd-139

MAT 6016

(n,2n) p

60-Nd-139

Radionuclide Production Cross Section



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

21

Incident Energy (MeV)

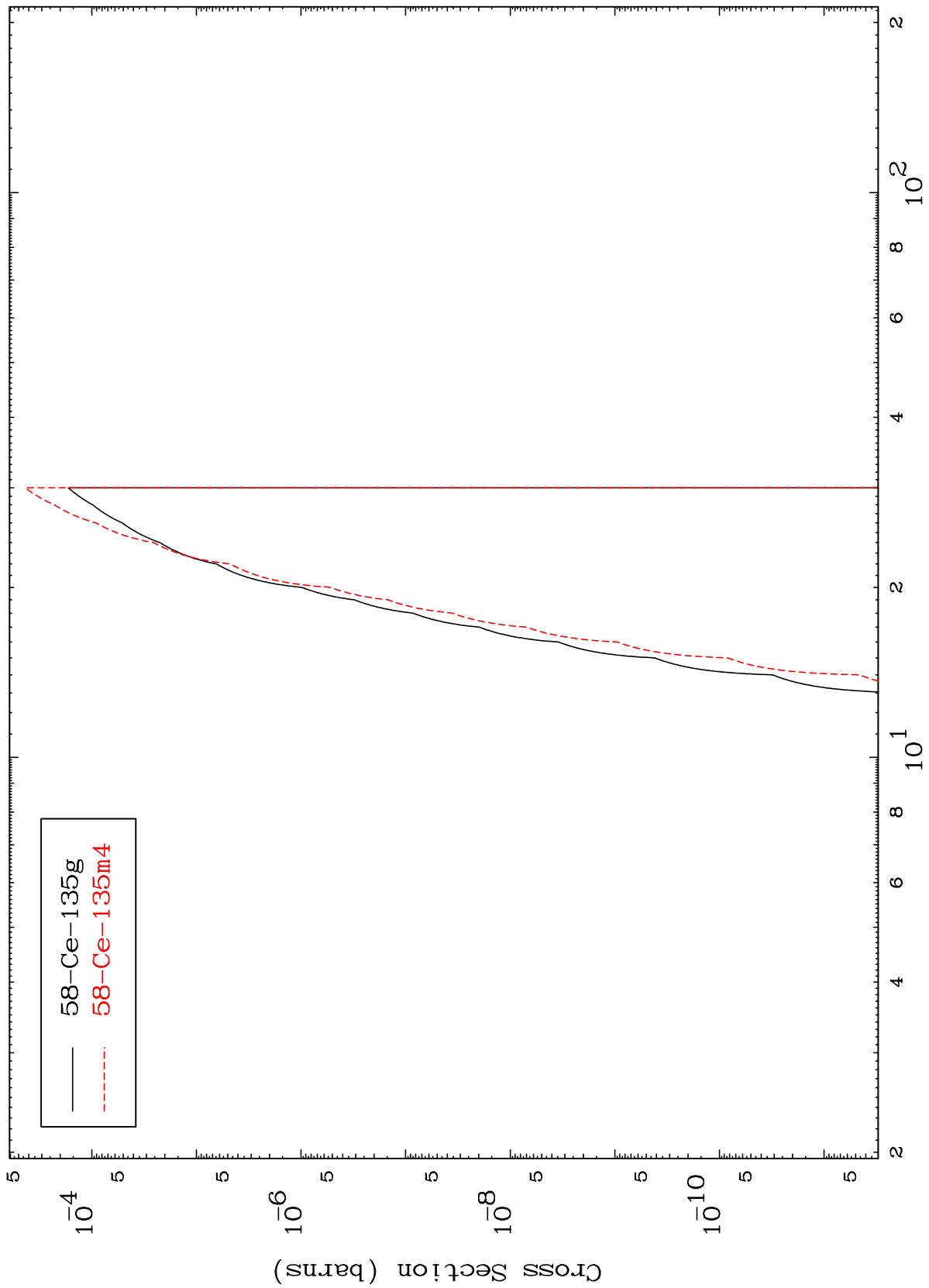
60-Nd-139

MAT 6016

(n,n') p  $\alpha$

60-Nd-139

Radionuclide Production Cross Section



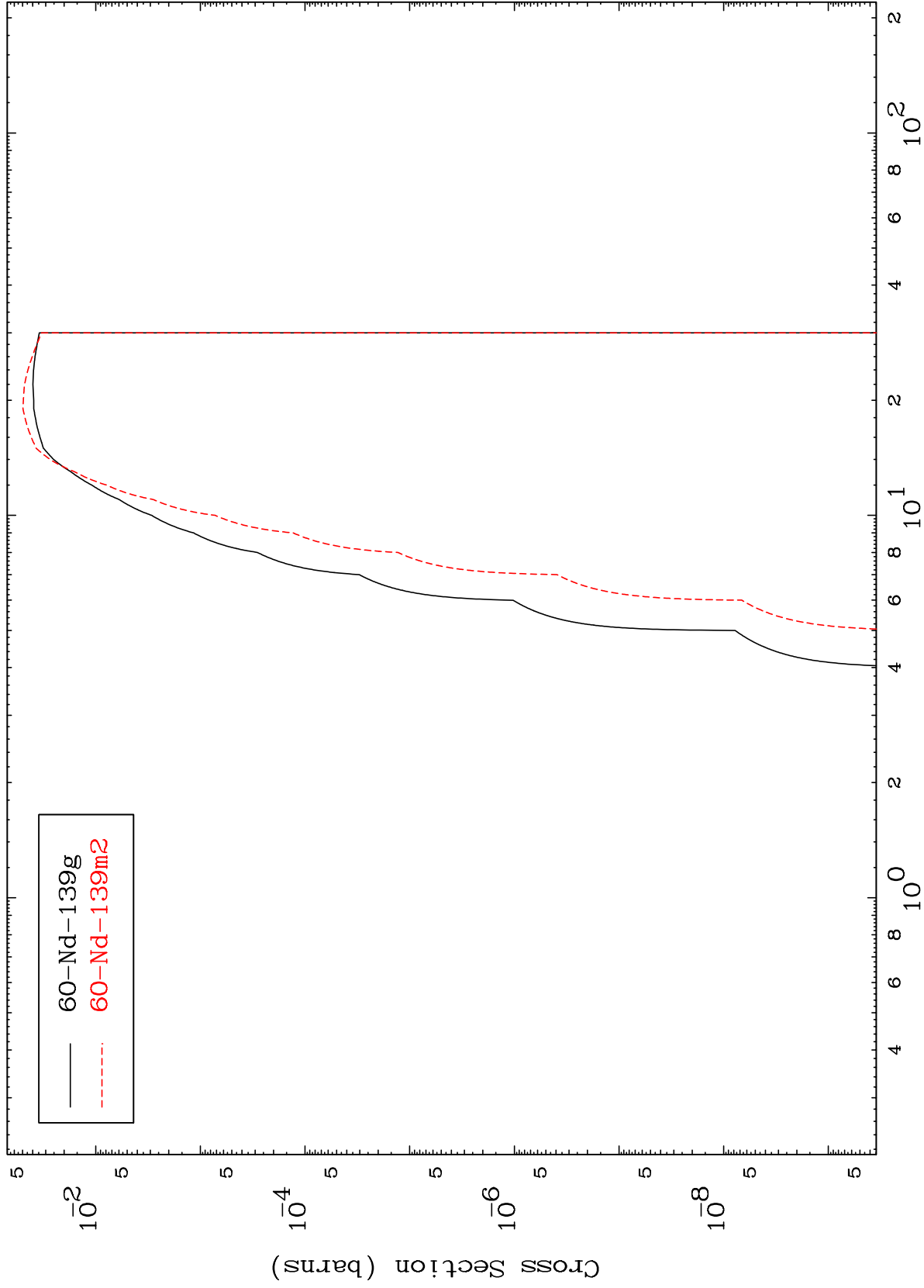
58-Ce-135g  
58-Ce-135m4

MAT 6016

(n,d)

60-Nd-139

Radionuclide Production Cross Section



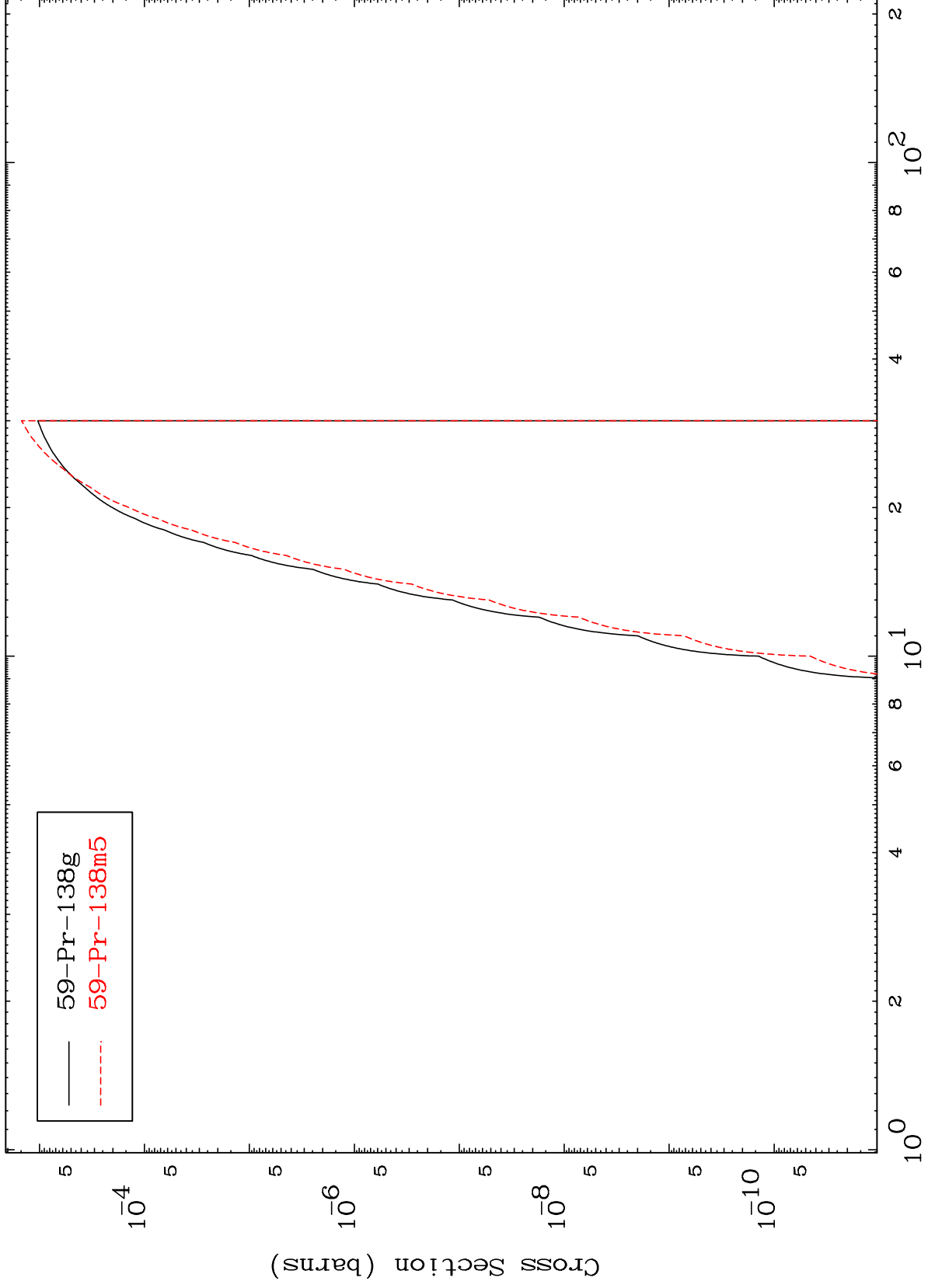


MAT 6016

(n,He-3)

60-Nd-139

Radionuclide Production Cross Section



Incident Energy (MeV)

60-Nd-139

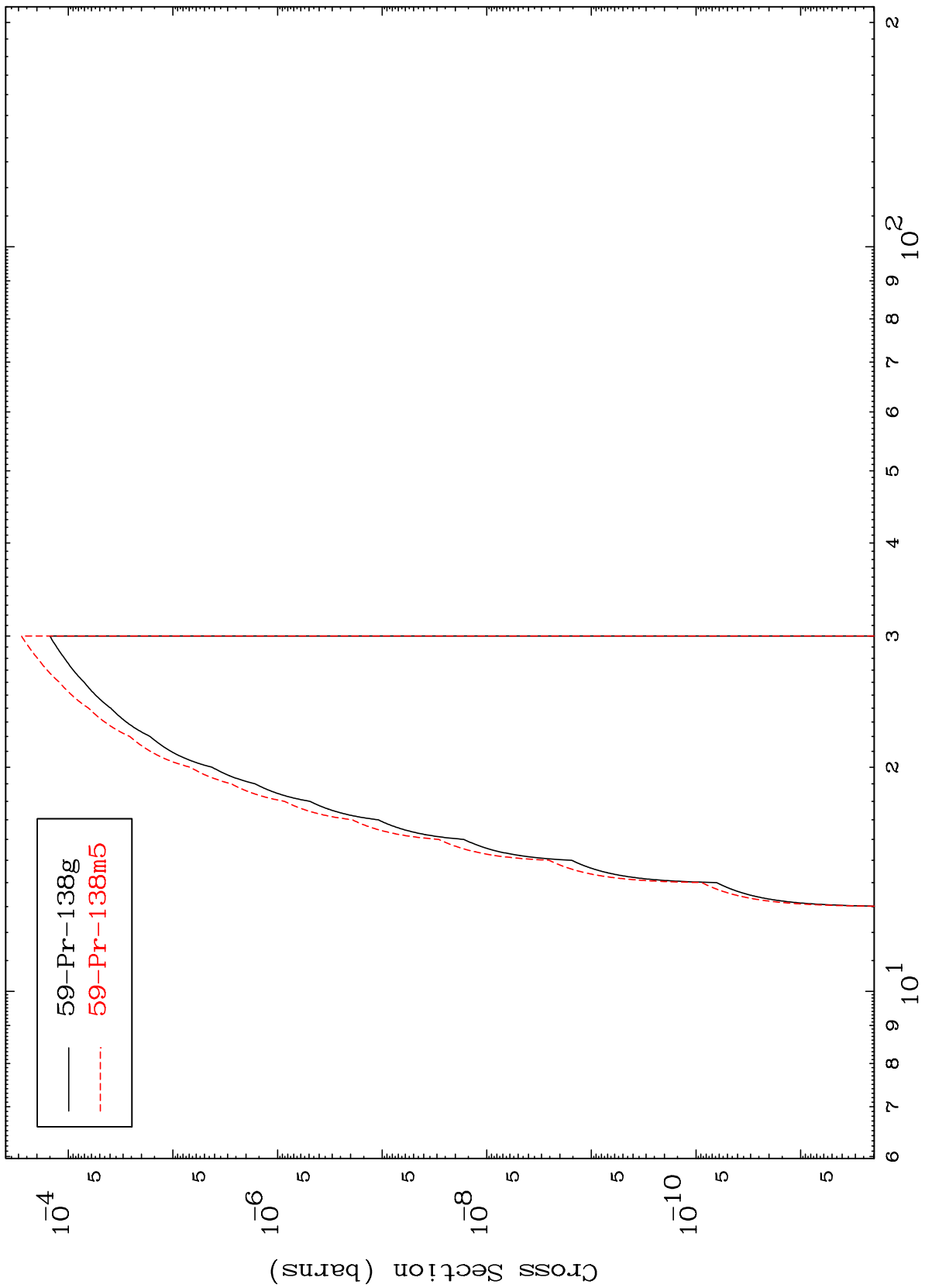
24

MAT 6016

(n,p) d

60-Nd-139

Radionuclide Production Cross Section



25

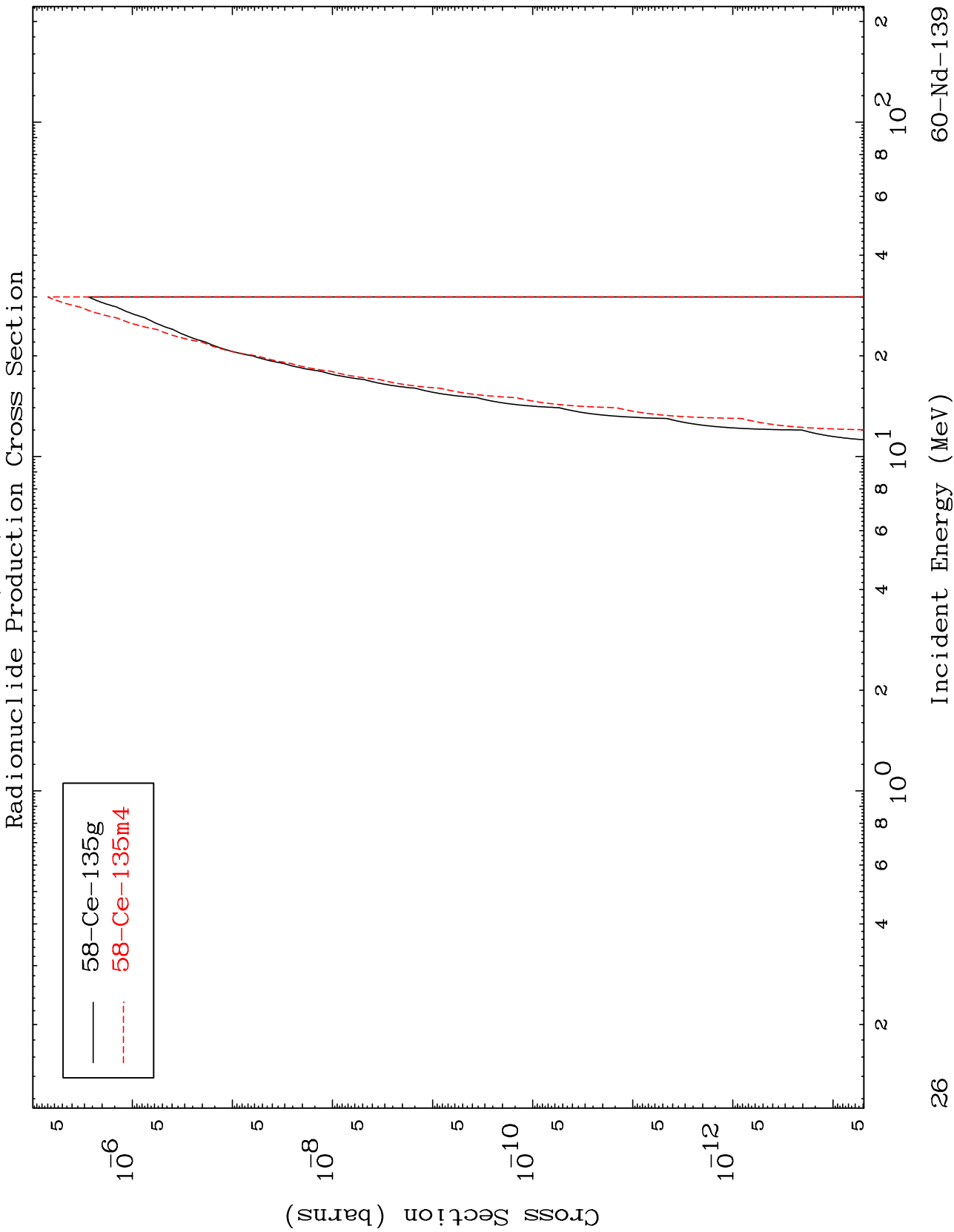
Incident Energy (MeV)

60-Nd-139

MAT 6016

(n,d)  $\alpha$

60-Nd-139



58-Ce-135g  
58-Ce-135m4