

Program EVALPLOT
(Version 2021-1)

by

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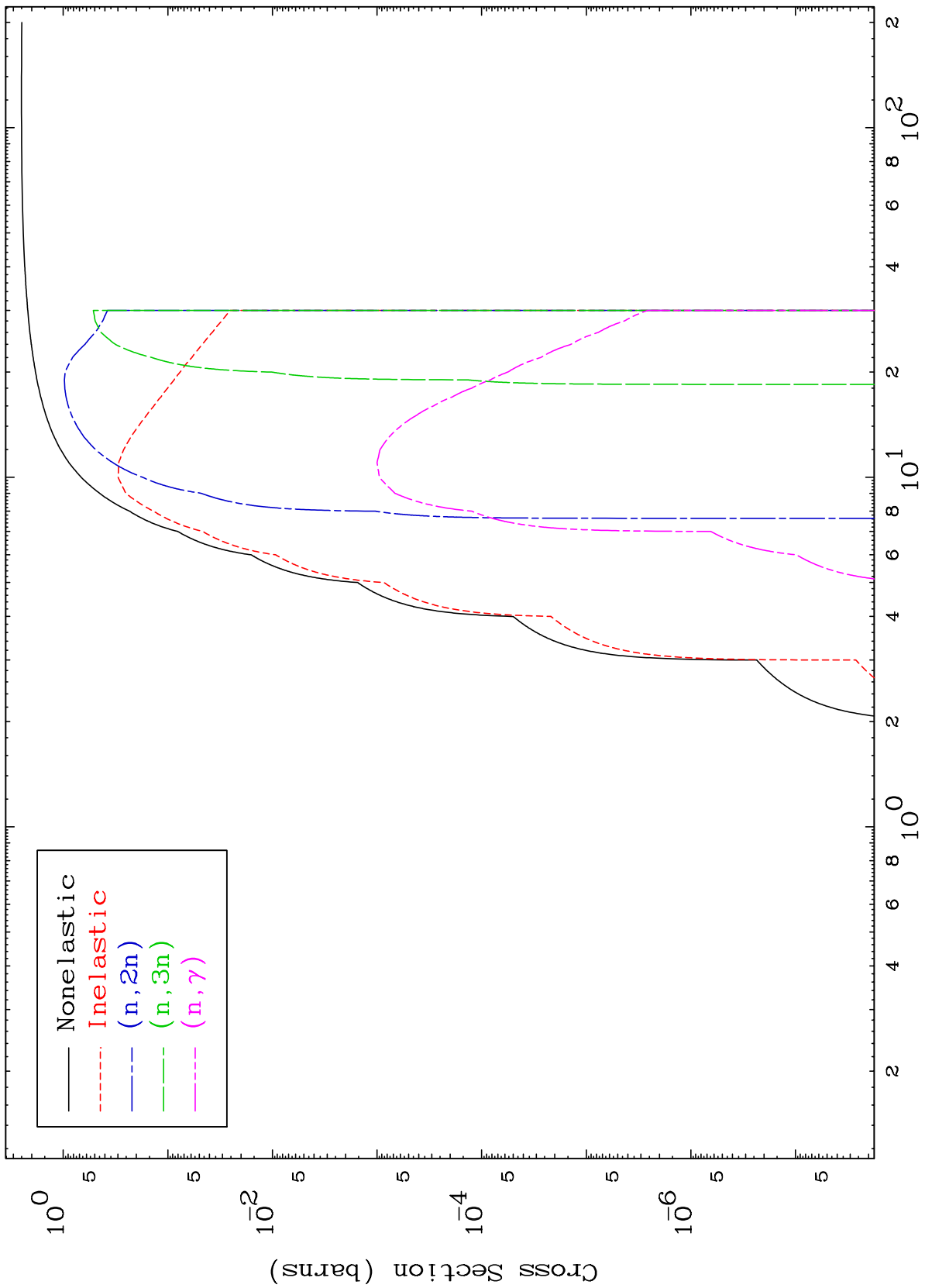
Press Mouse Button to Start

MAT 6016

Deuteron Major

60-Nd-139

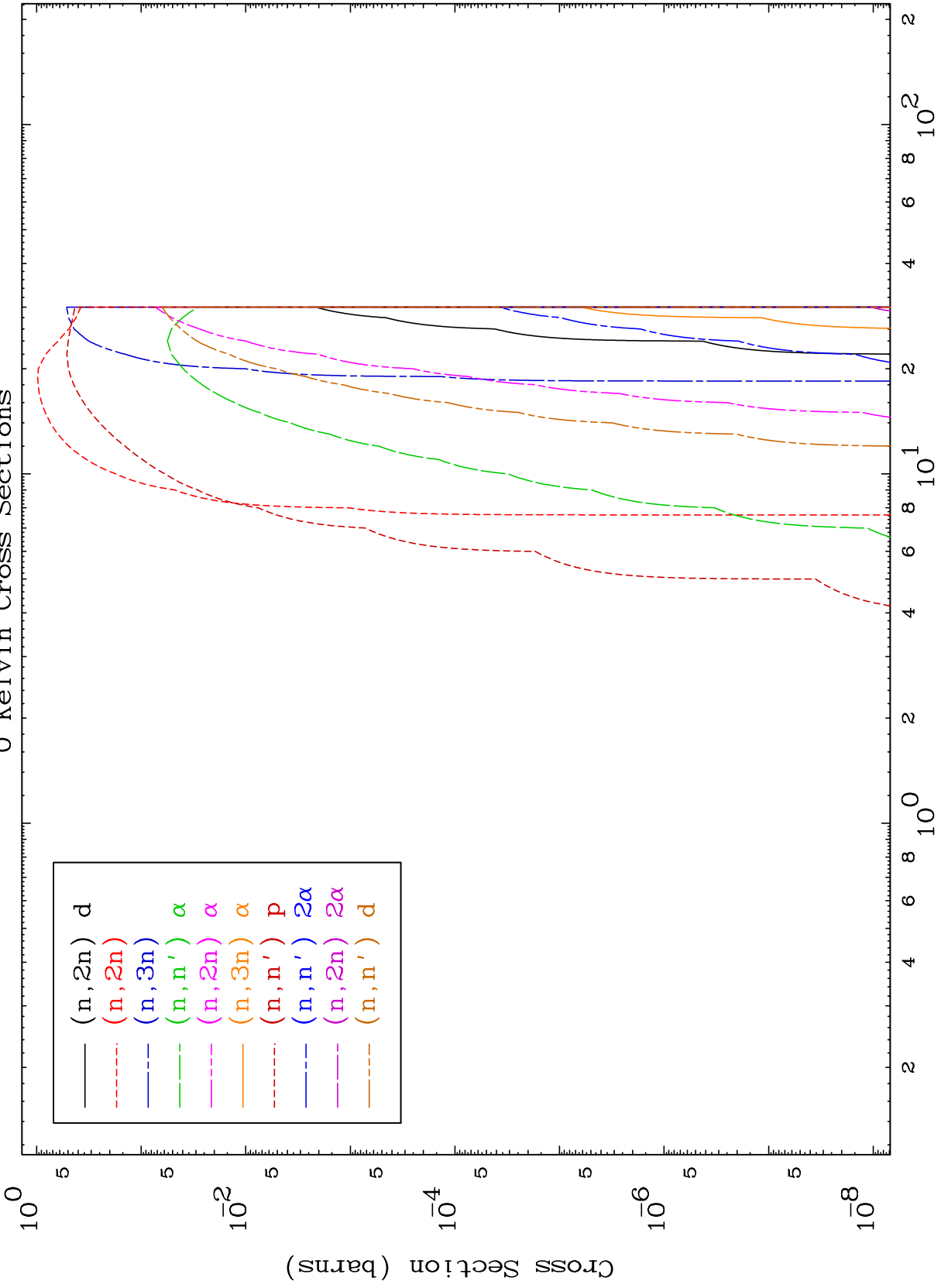
0 Kelvin Cross Sections



MAT 6016

Deuteron Neutron Absorption
0 Kelvin Cross Sections

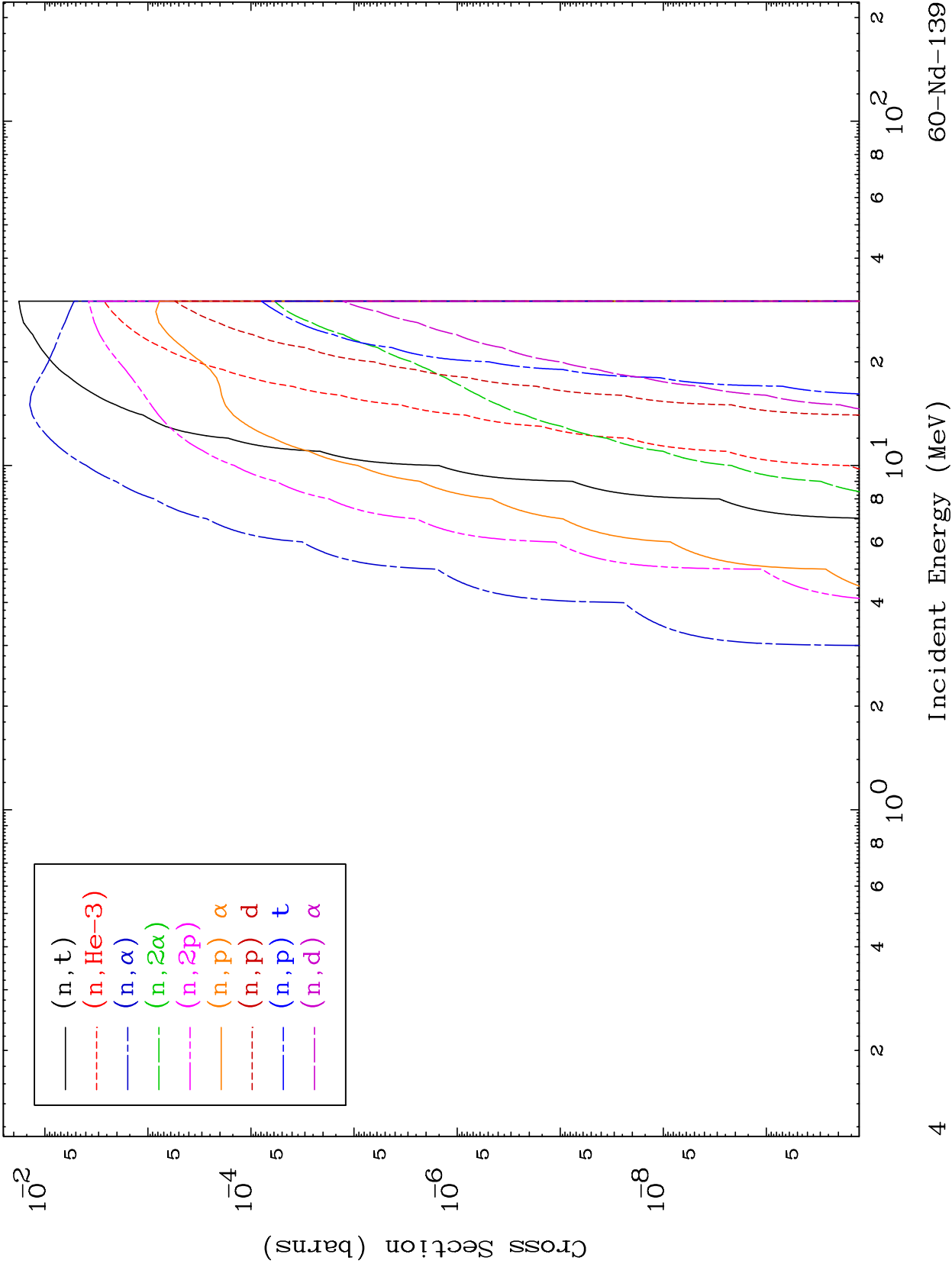
60-Nd-139



MAT 6016

Deuteron Neutron Absorption
0 Kelvin Cross Sections

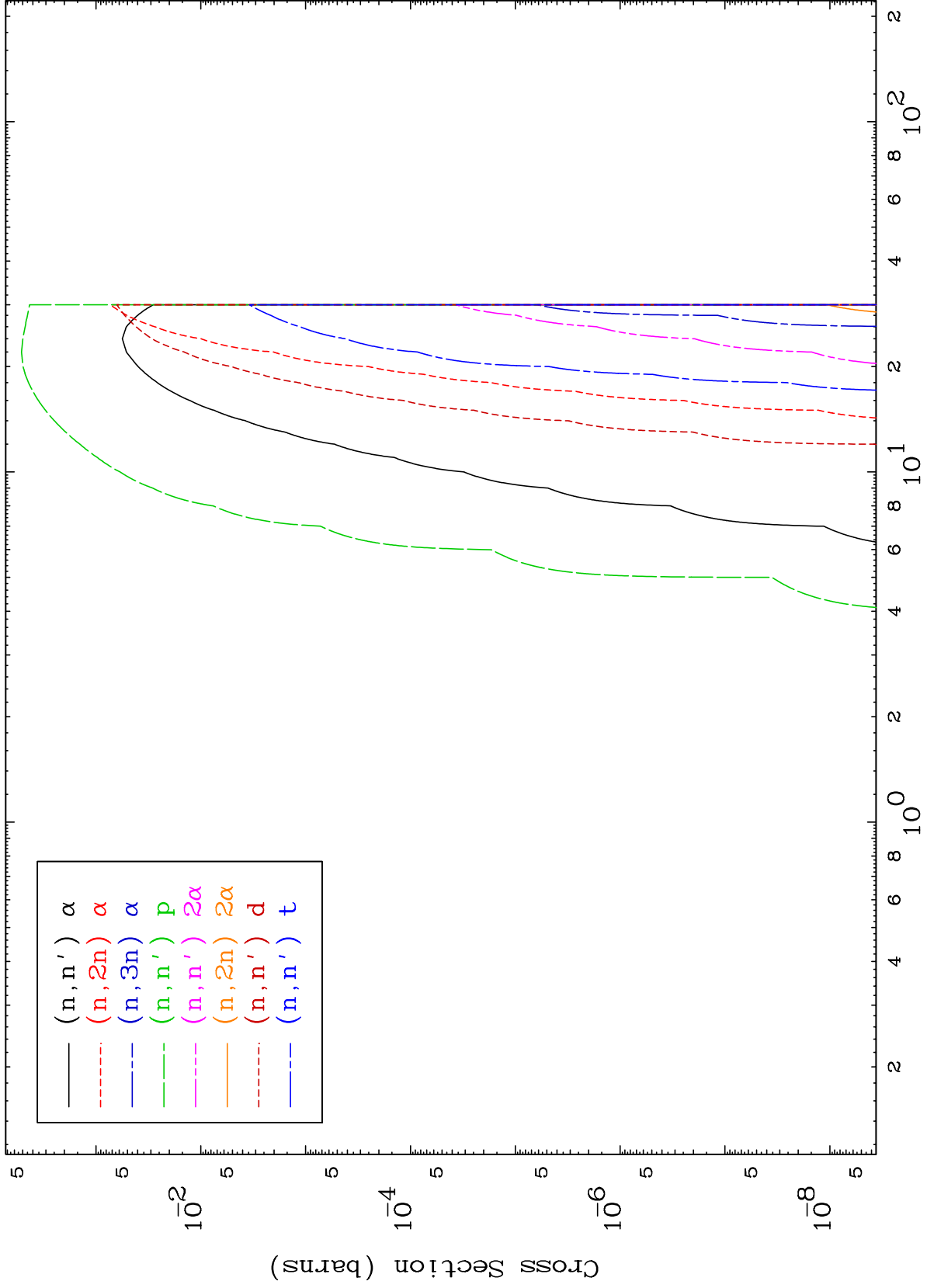
60-Nd-139



MAT 6016

Deuteron Charged Particle
0 Kelvin Cross Sections

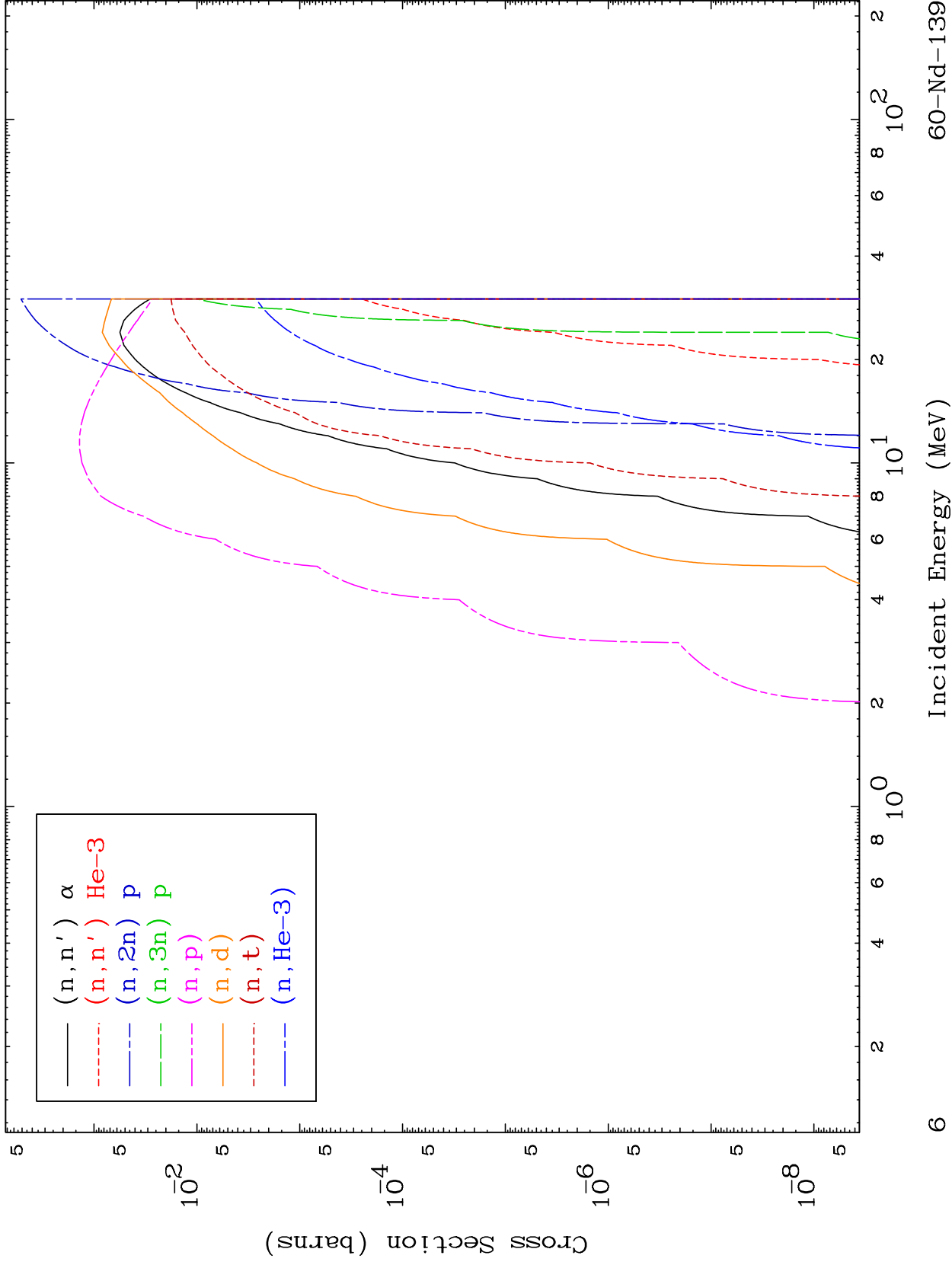
60-Nd-139



MAT 6016

Deuteron Charged Particle
0 Kelvin Cross Sections

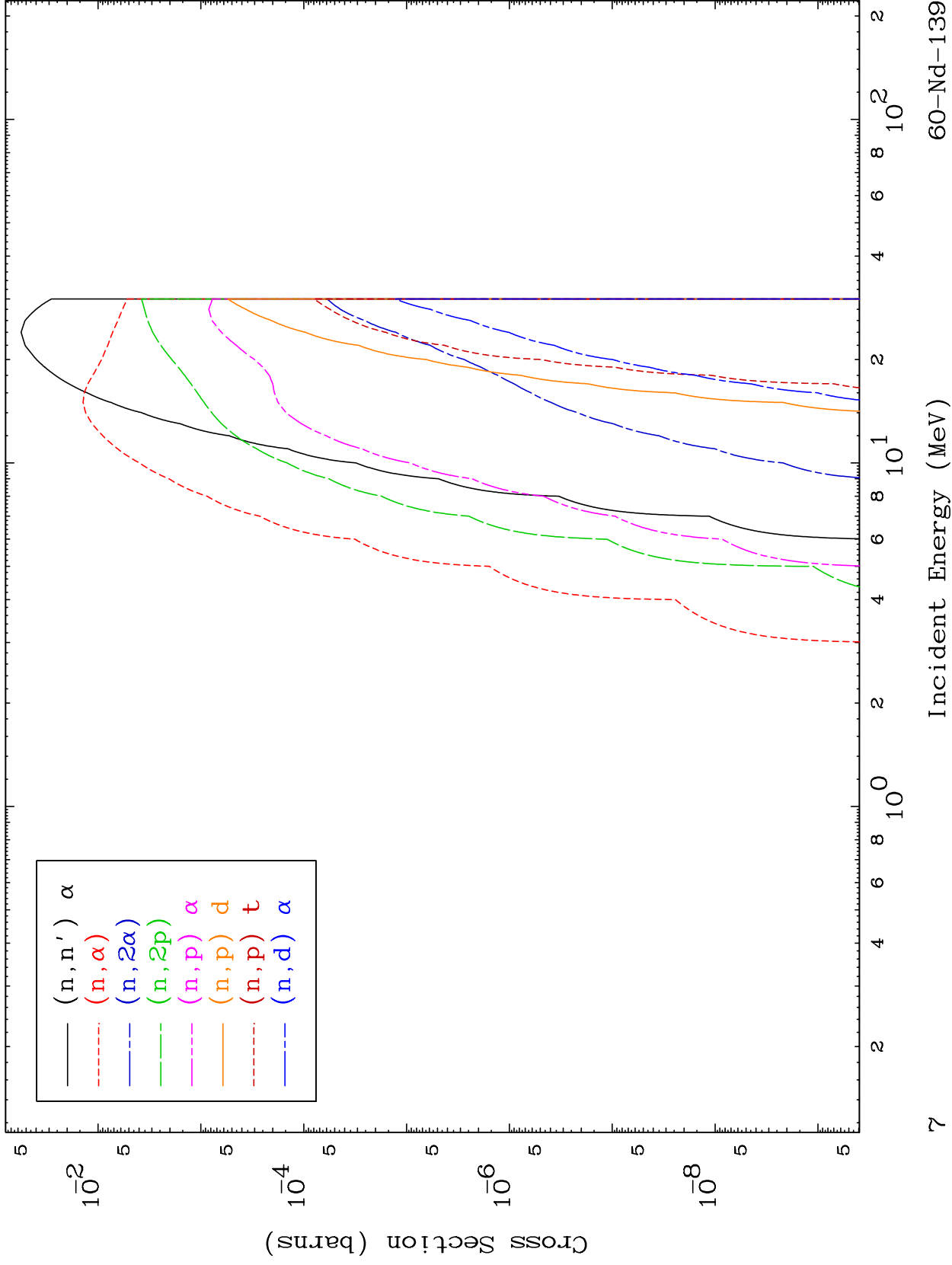
60-Nd-139



MAT 6016

Deuteron Charged Particle
0 Kelvin Cross Sections

60-Nd-139

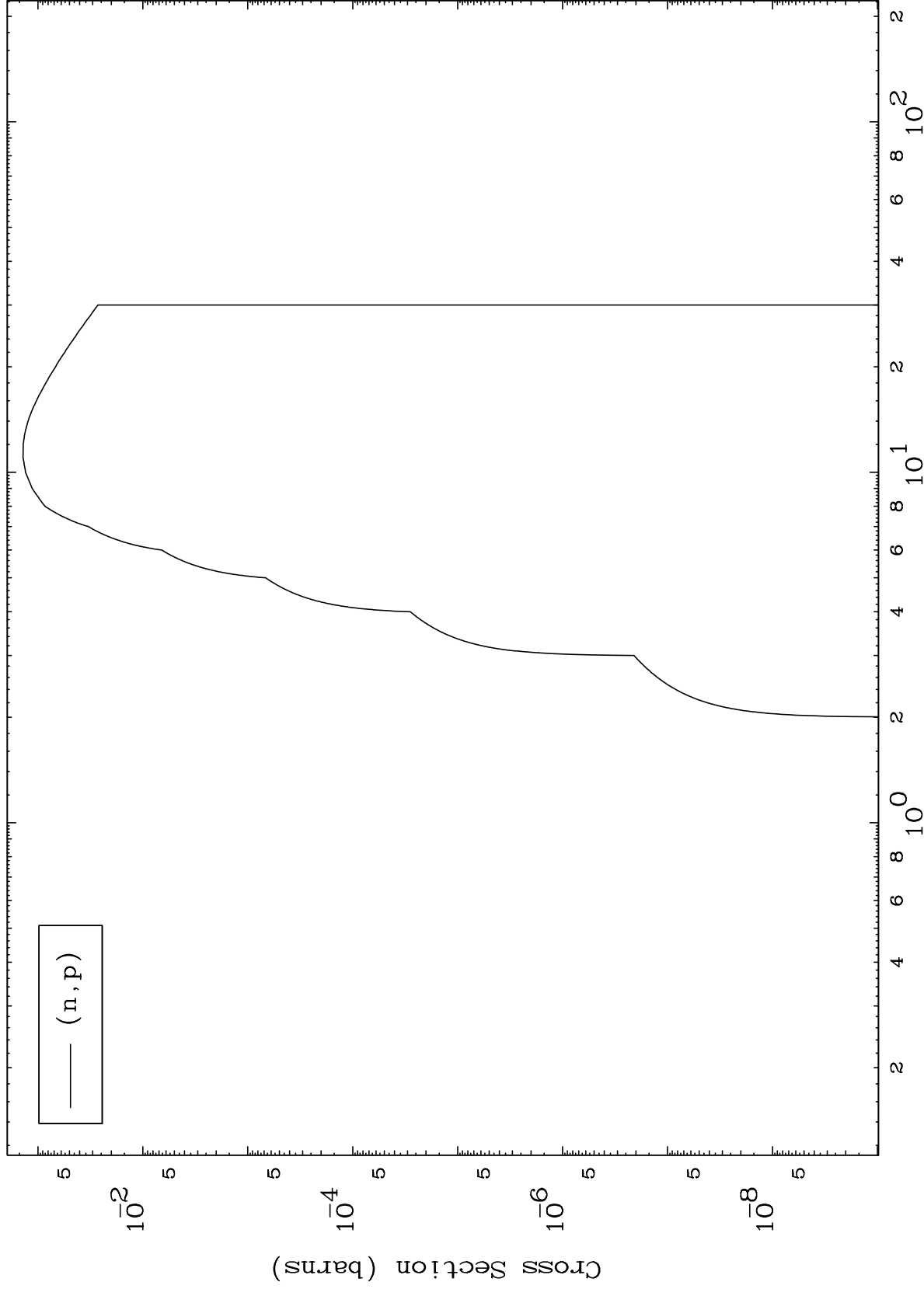


MAT 6016

(d,p) Levels

60-Nd-139

0 Kelvin Cross Sections

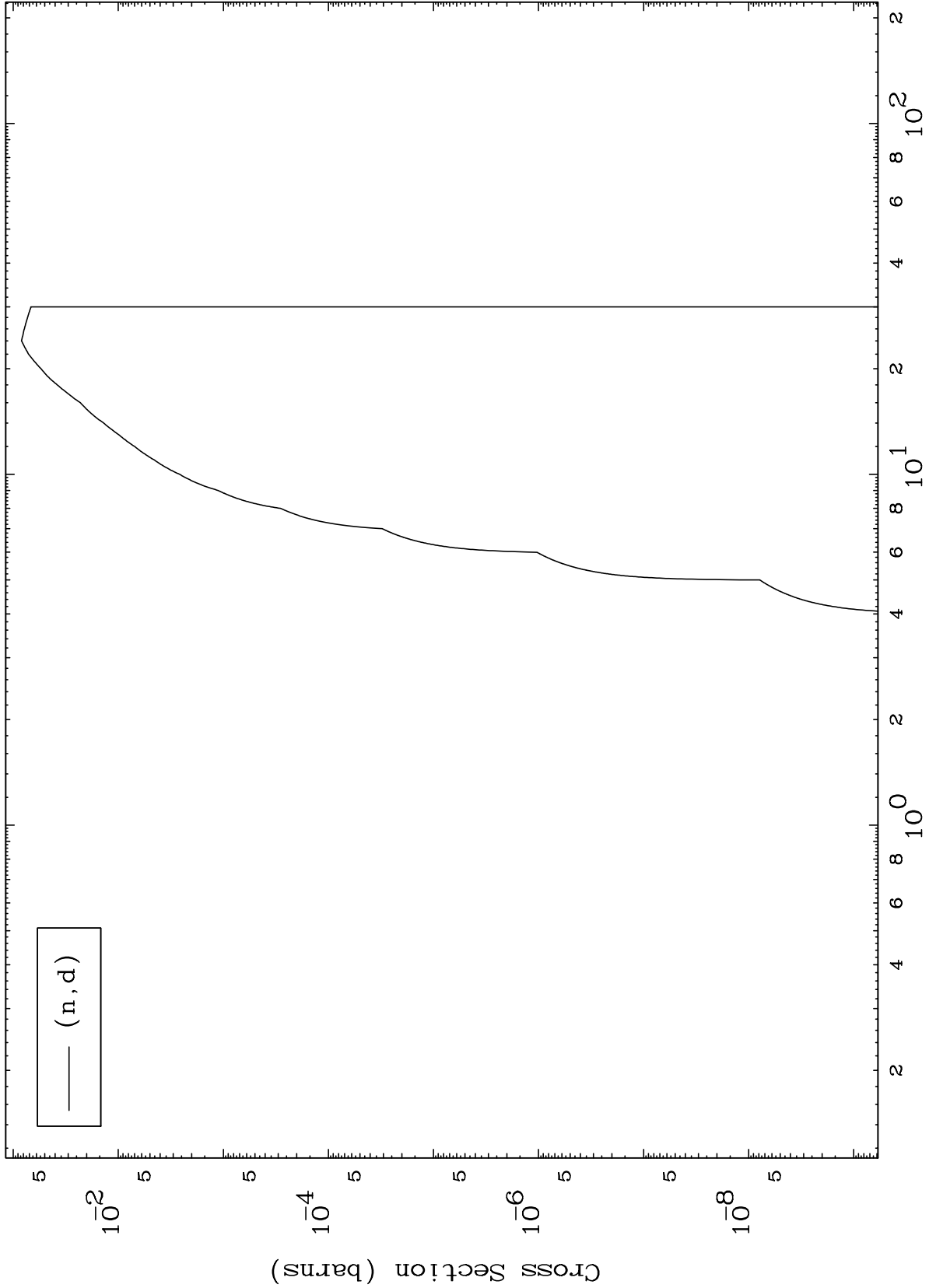


MAT 6016

(d,d) Levels

60-Nd-139

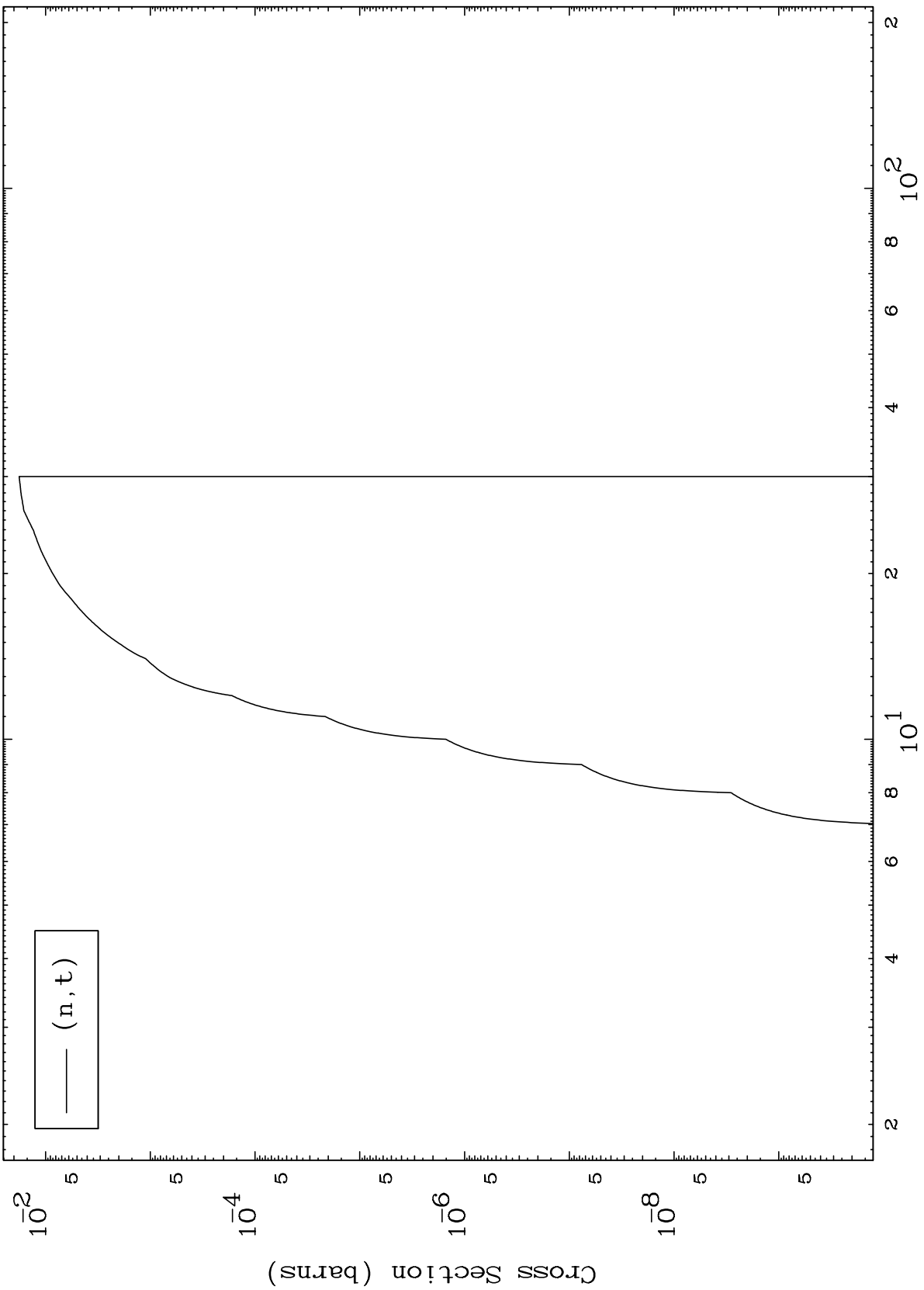
0 Kelvin Cross Sections



MAT 6016

(d,t) Levels
0 Kelvin Cross Sections

60-Nd-139



10

Incident Energy (MeV)

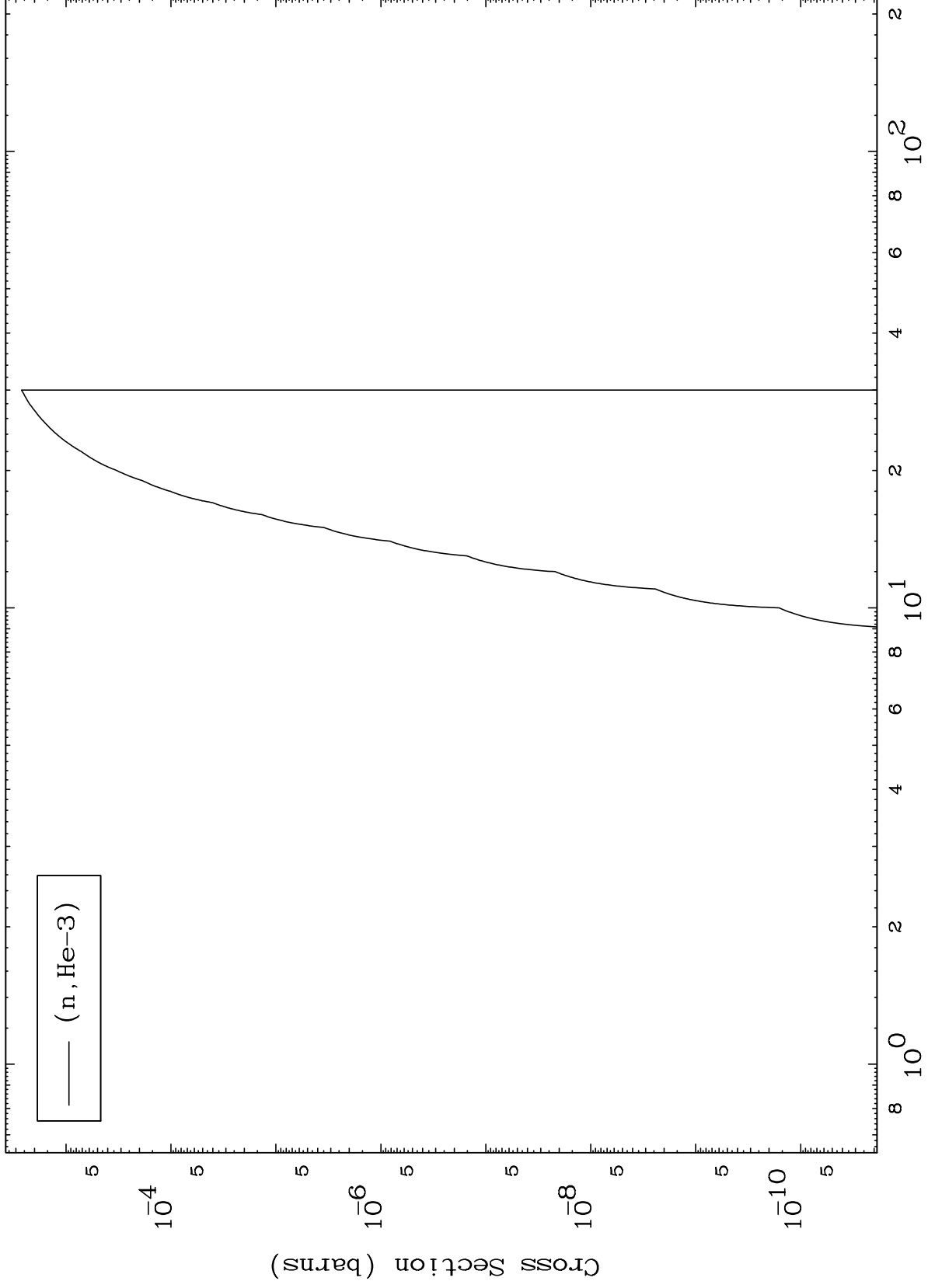
60-Nd-139

MAT 6016

(d,He3) Levels

60-Nd-139

0 Kelvin Cross Sections

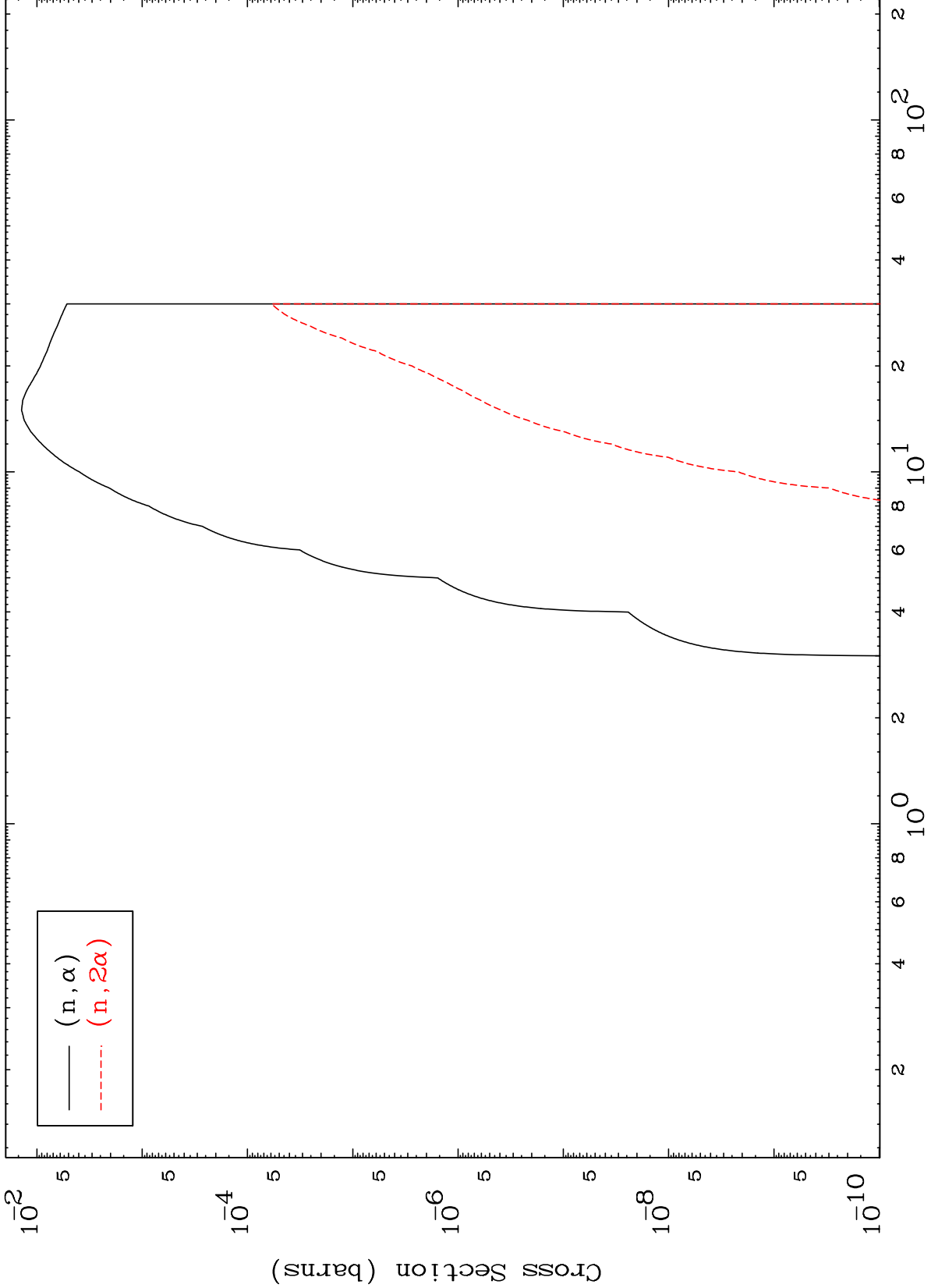


MAT 6016

(d, α) Levels

60-Nd-139

0 Kelvin Cross Sections

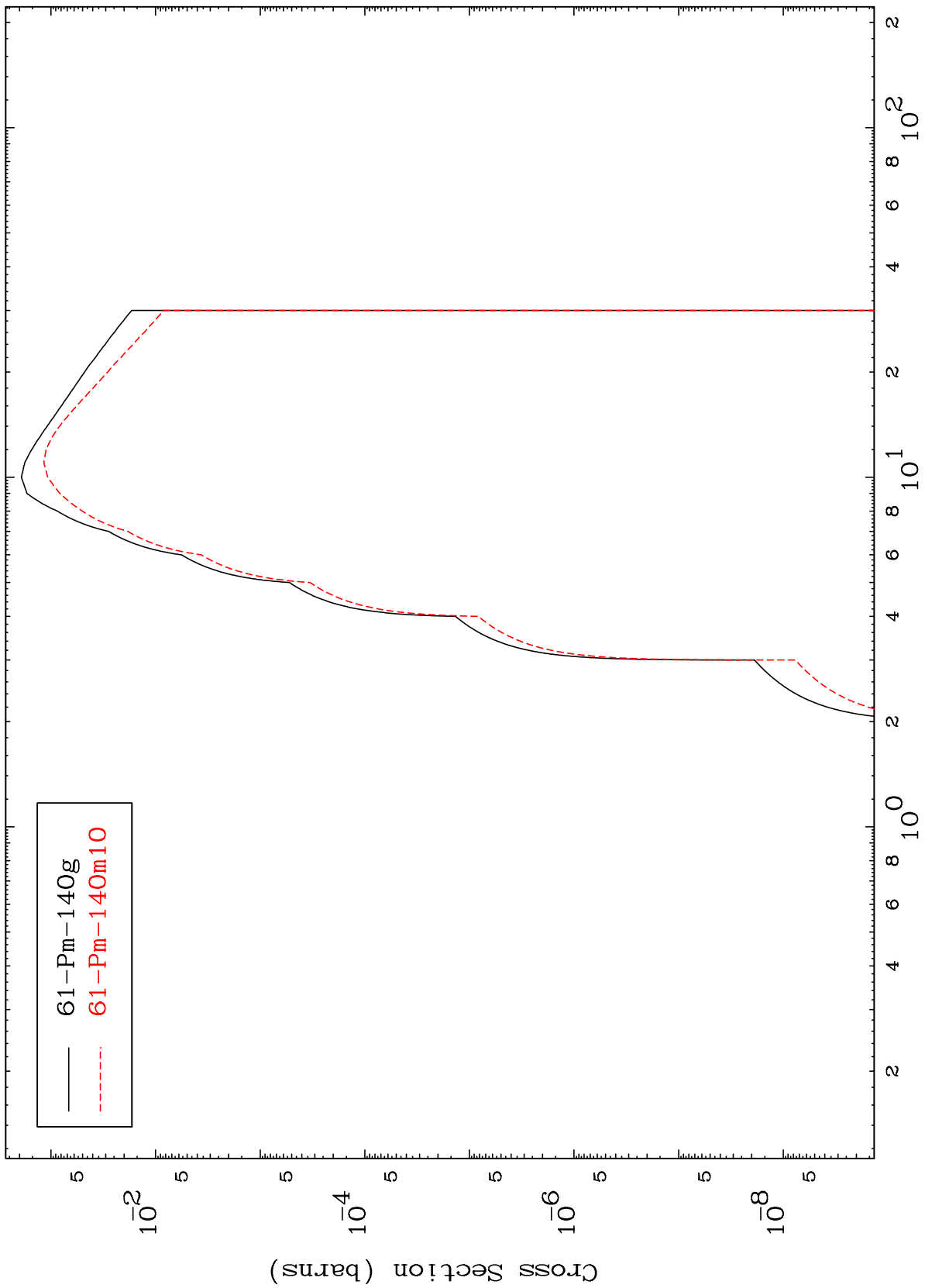


— (n, α)
- - - $(n, 2\alpha)$

MAT 6016

60-Nd-139

Inelastic
Radionuclide Production Cross Section

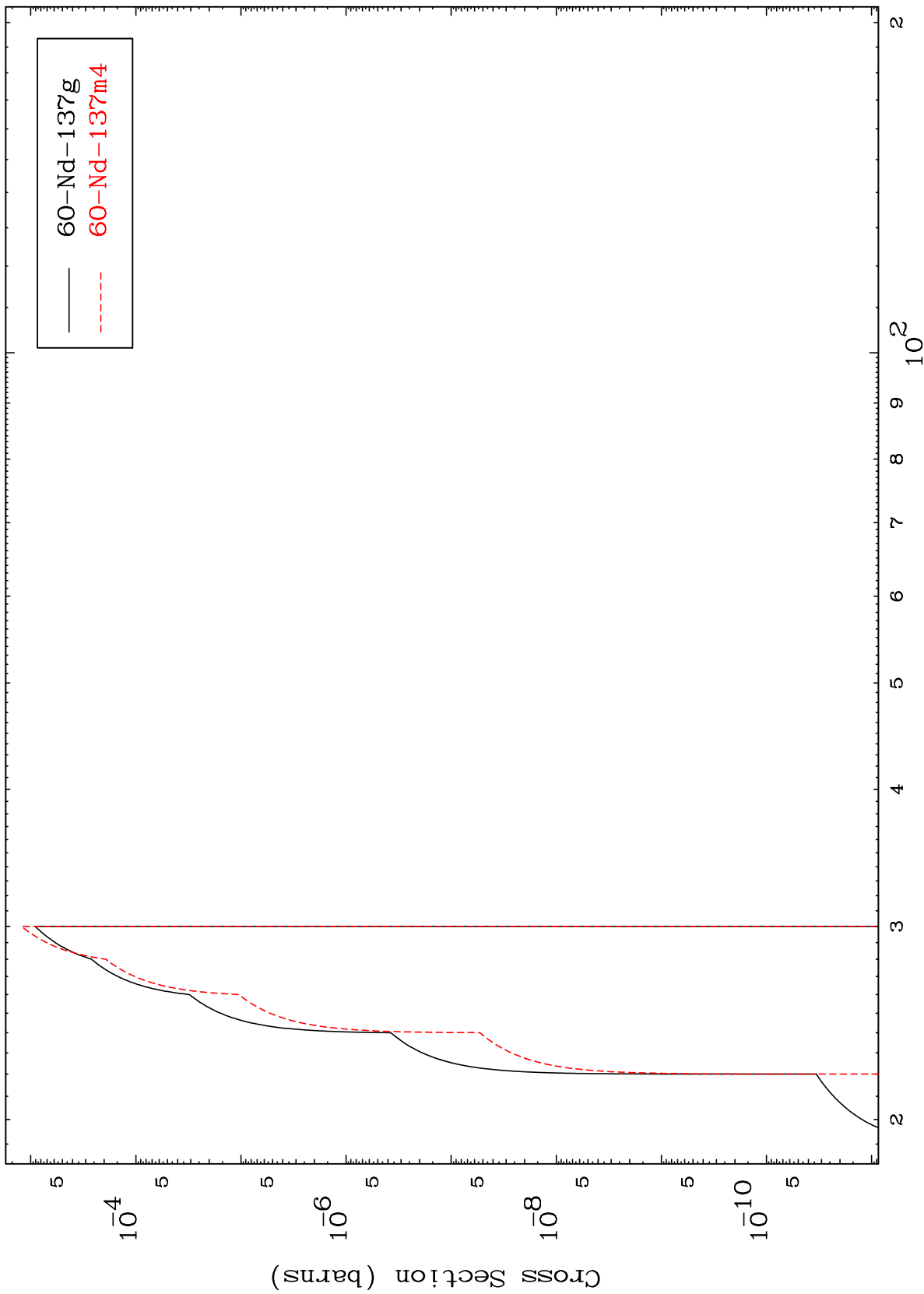


MAT 6016

(n,2n) d

60-Nd-139

Radionuclide Production Cross Section



14

Incident Energy (MeV)

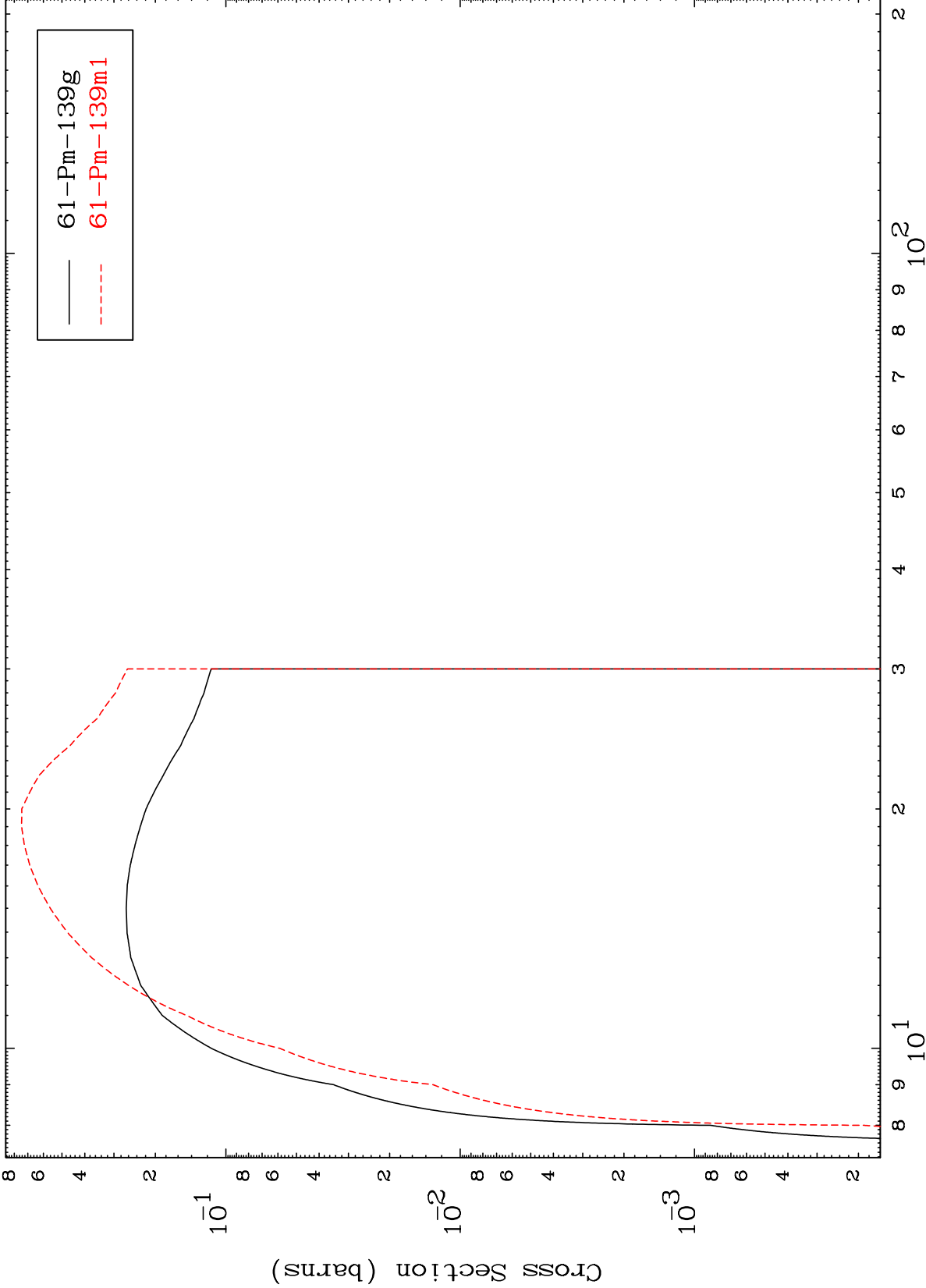
60-Nd-139

MAT 6016

(n,2n)

60-Nd-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

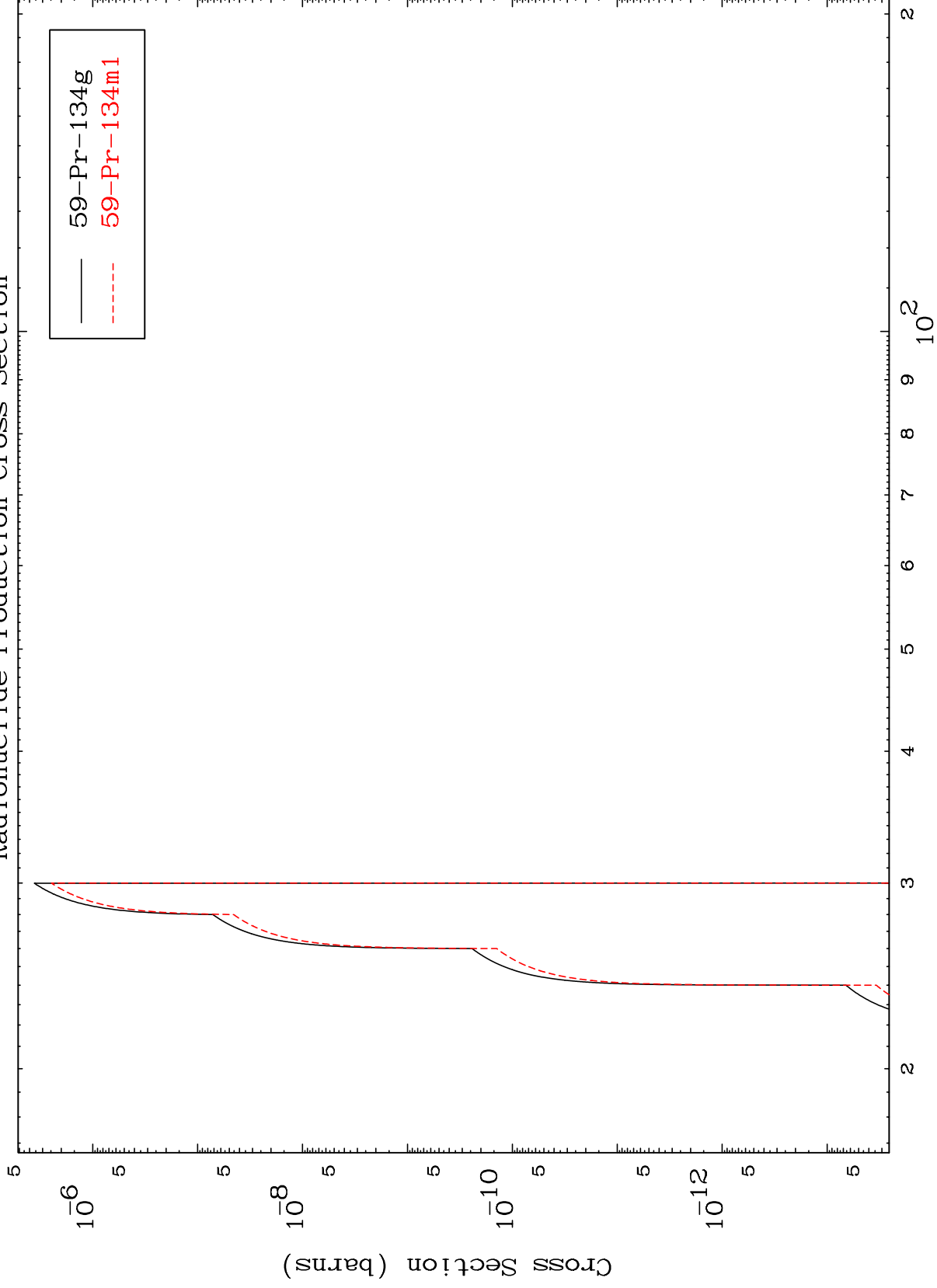
60-Nd-139

MAT 6016

$(n,3n) \alpha$

60-Nd-139

Radionuclide Production Cross Section



16

Incident Energy (MeV)

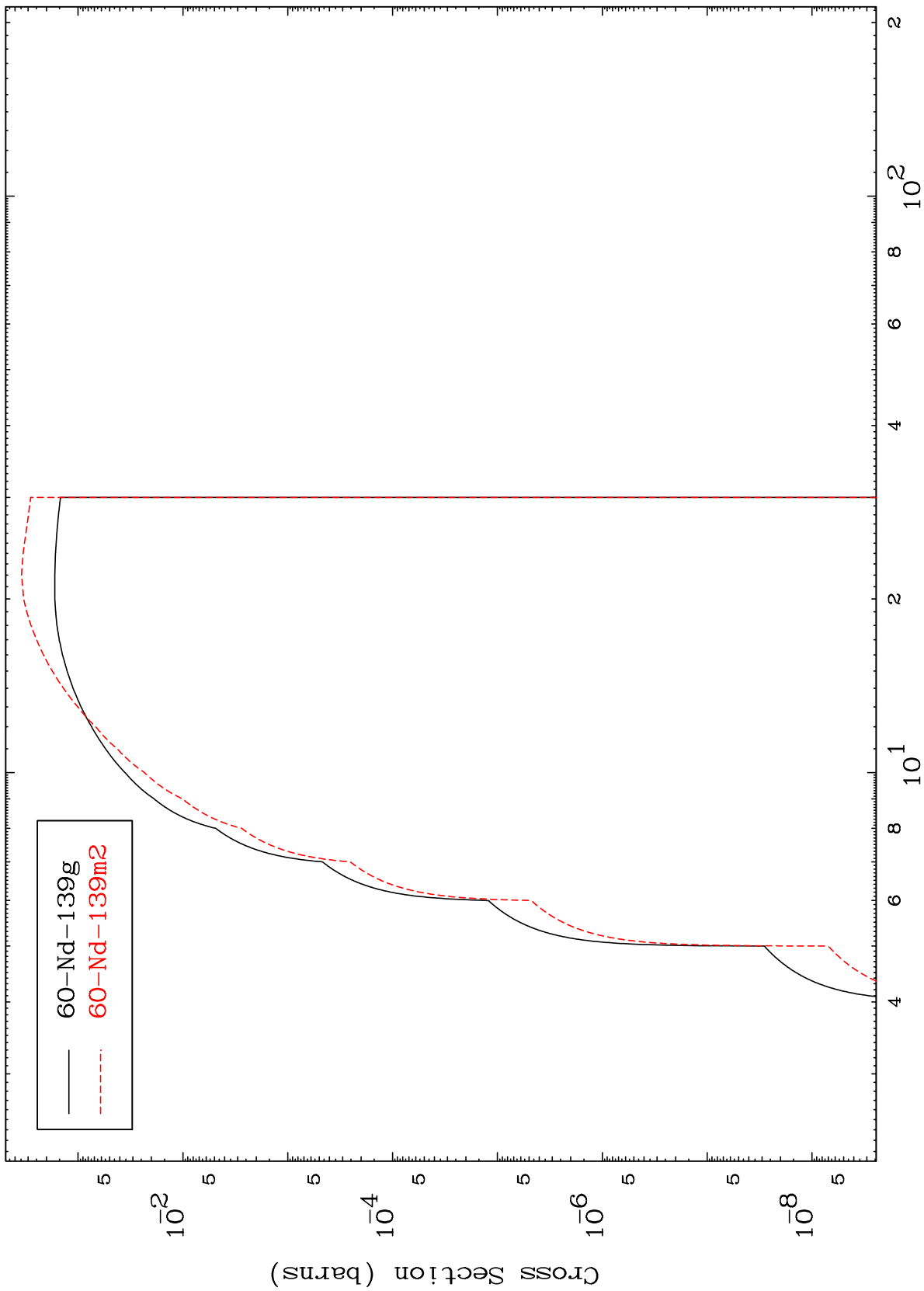
60-Nd-139

MAT 6016

(n,n') p

⁶⁰Nd-139

Radionuclide Production Cross Section

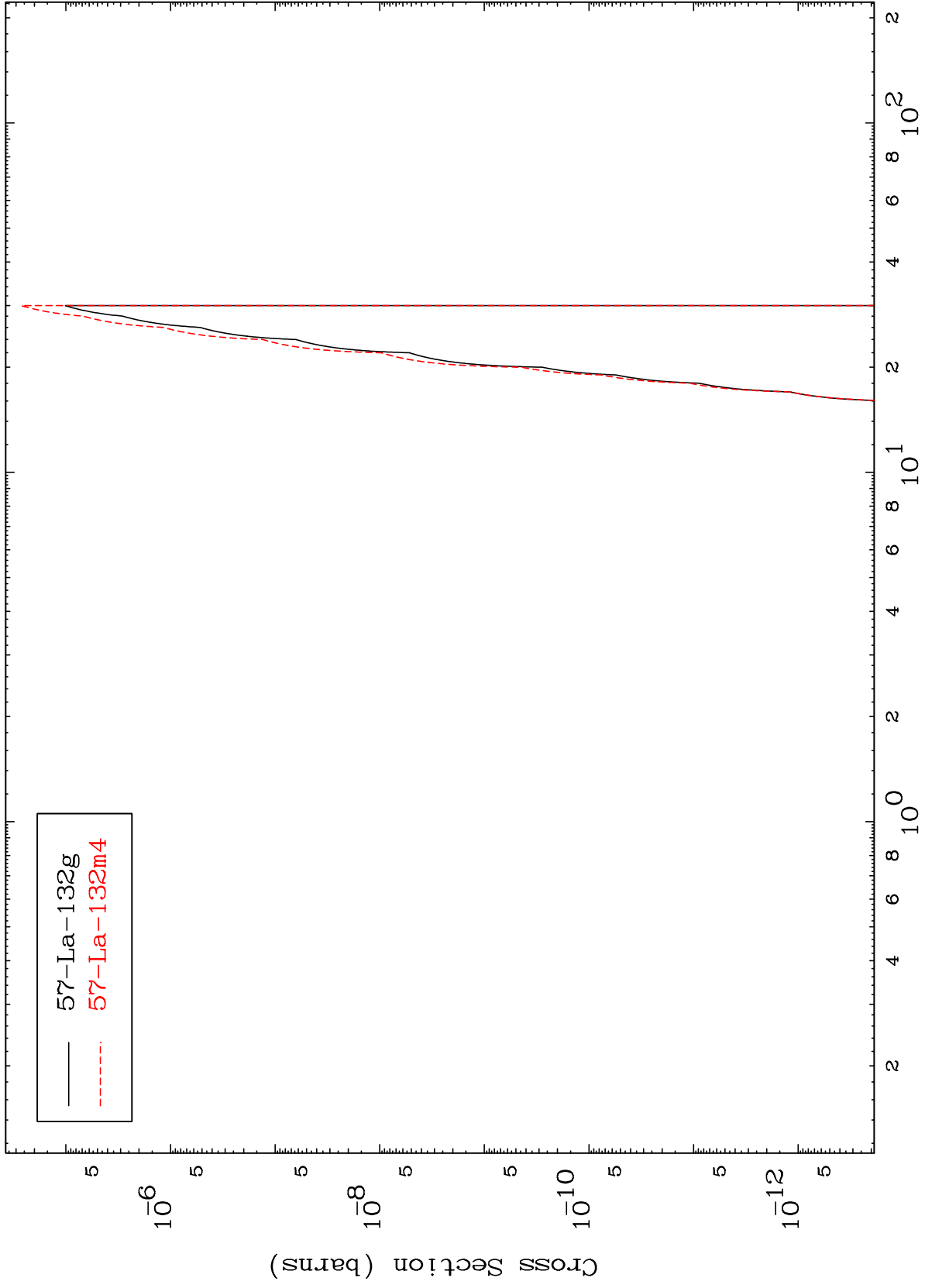


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(n,n') 2 α

60-Nd-139

Radionuclide Production Cross Section

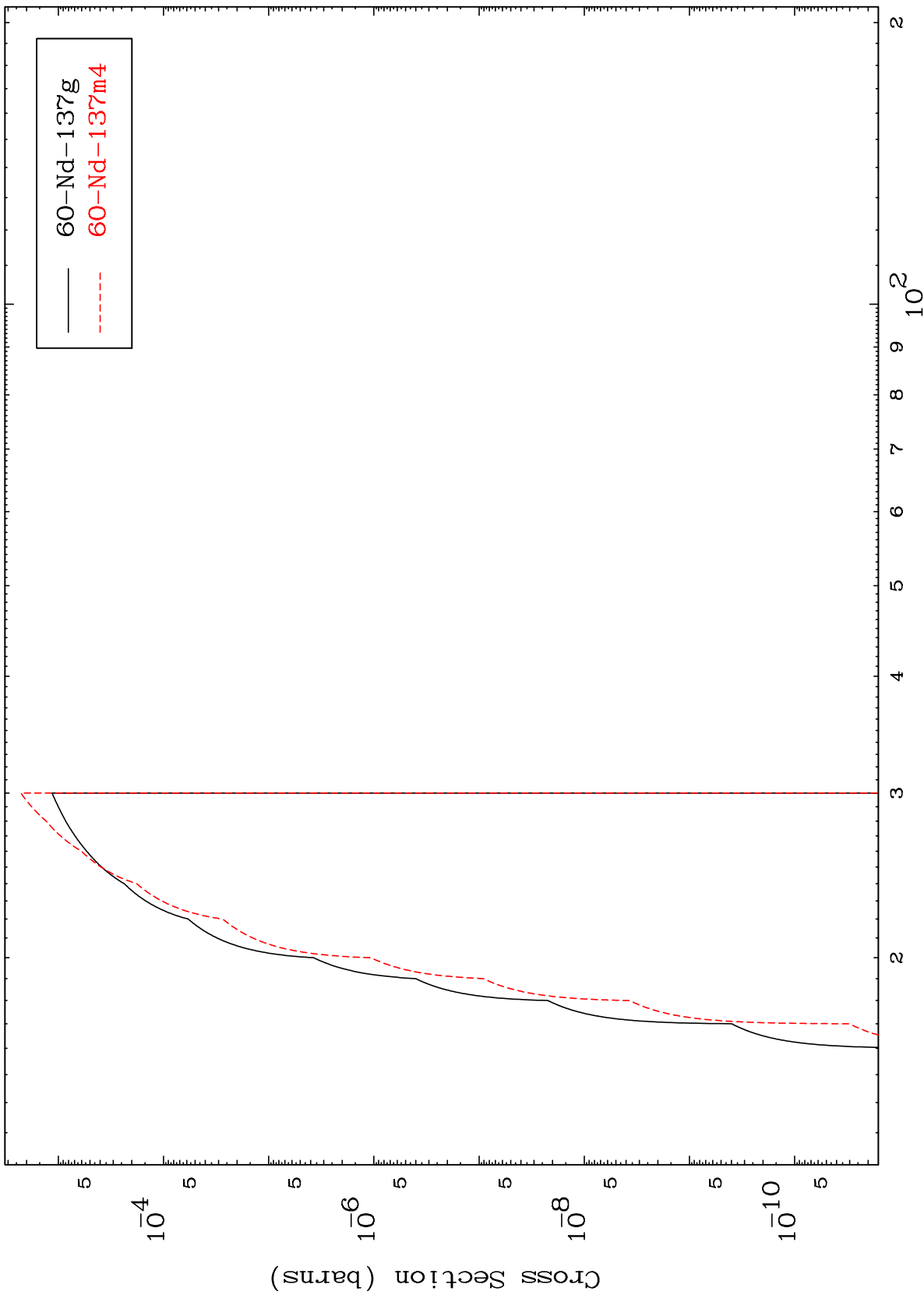


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(n,n') t

60-Nd-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

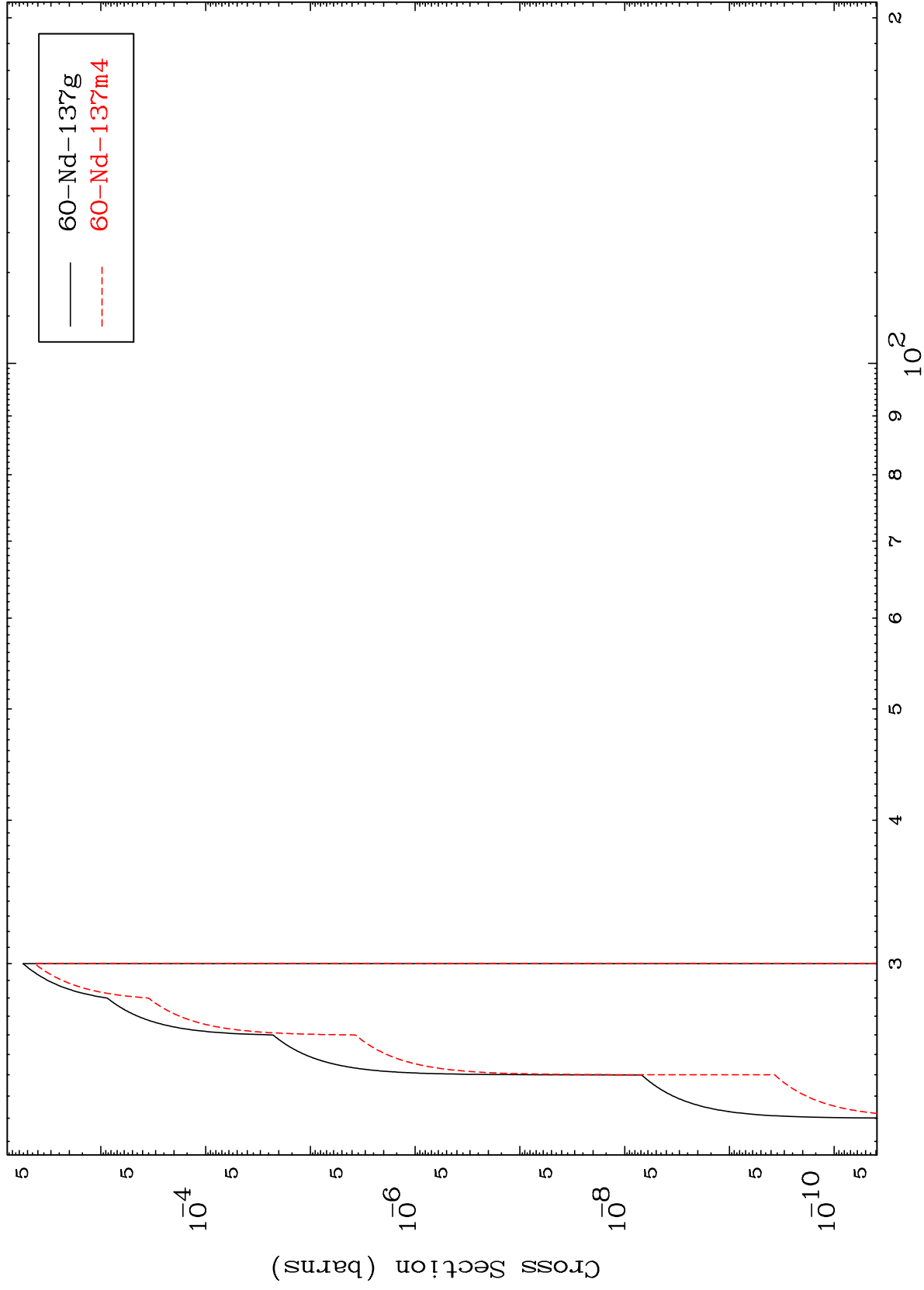
60-Nd-139

MAT 6016

(n,3n) p

60-Nd-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

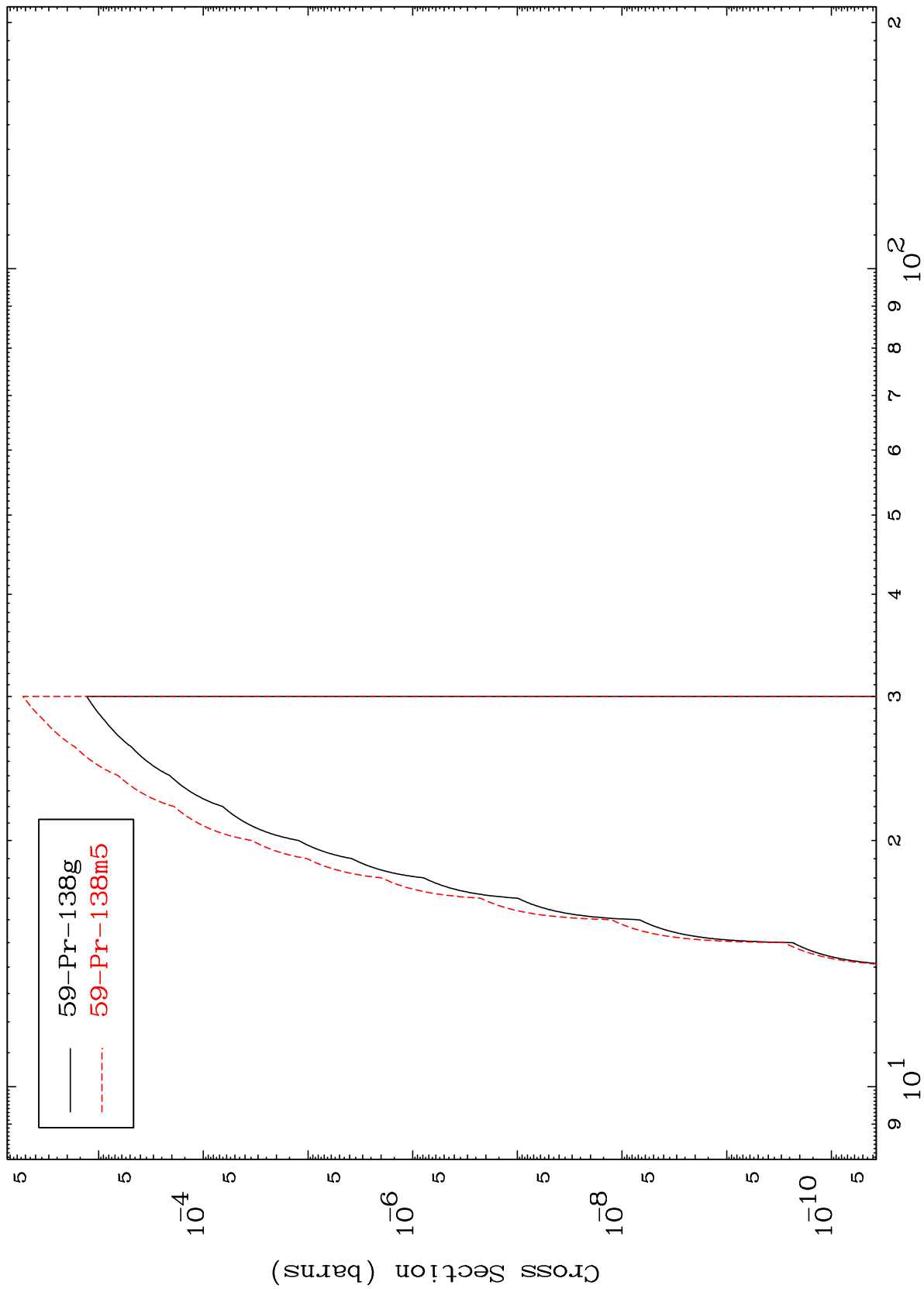
60-Nd-139

MAT 6016

(n,2n) p

60-Nd-139

Radionuclide Production Cross Section



21

Incident Energy (MeV)

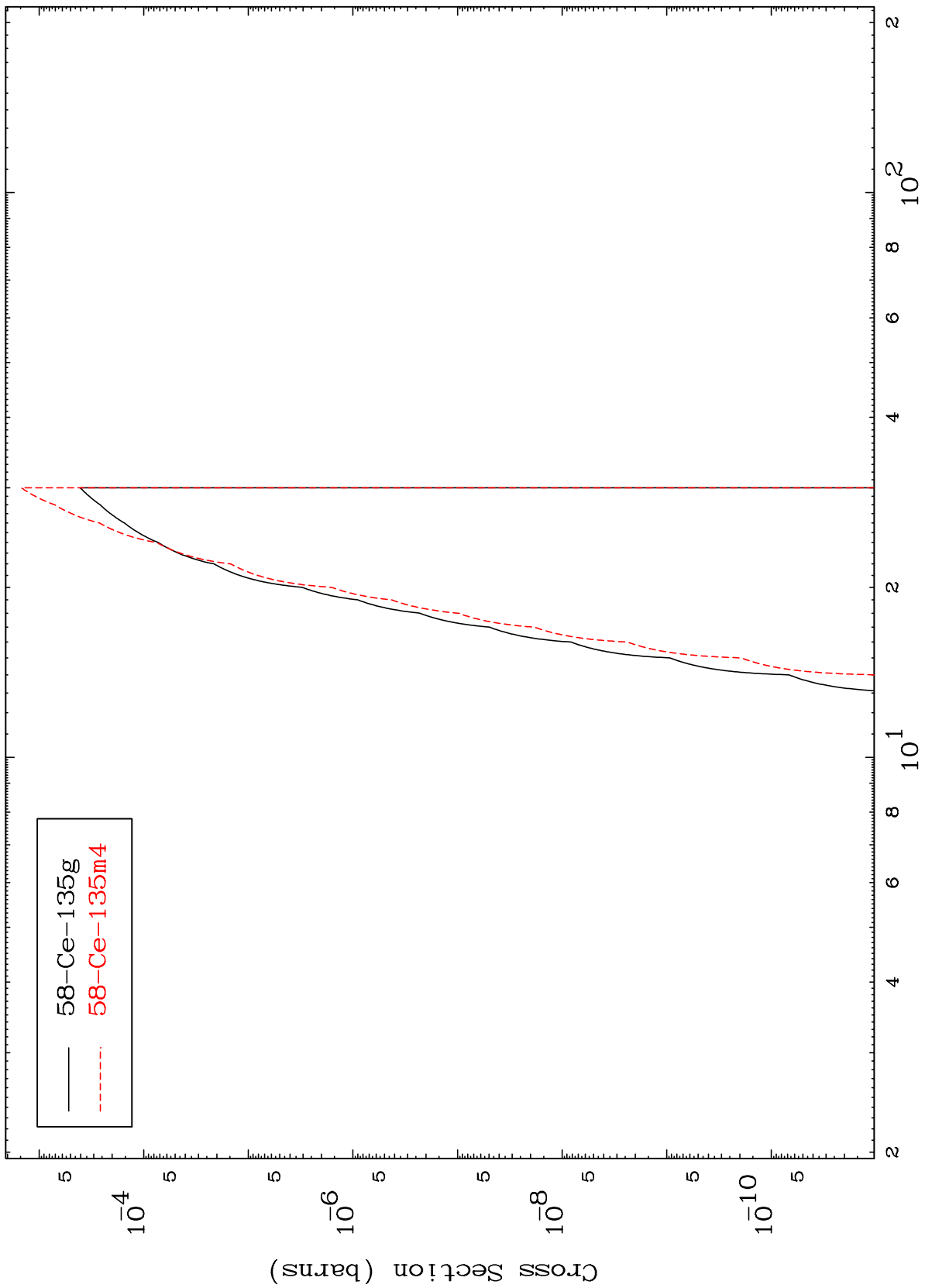
60-Nd-139

MAT 6016

(n,n') p α

⁶⁰Nd-139

Radionuclide Production Cross Section

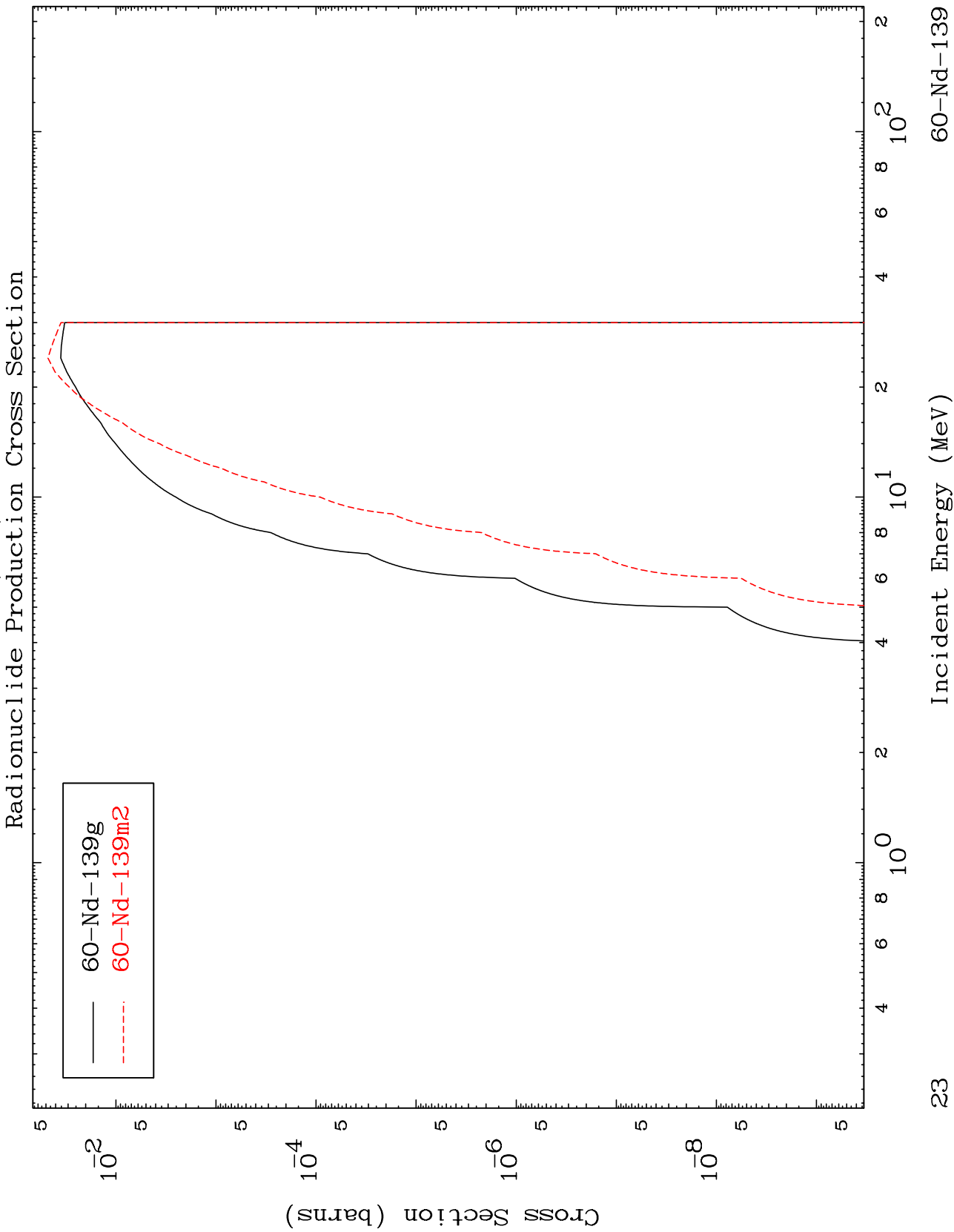


— 58-Ce-135g
- - - 58-Ce-135m4

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(n,d)

60-Nd-139

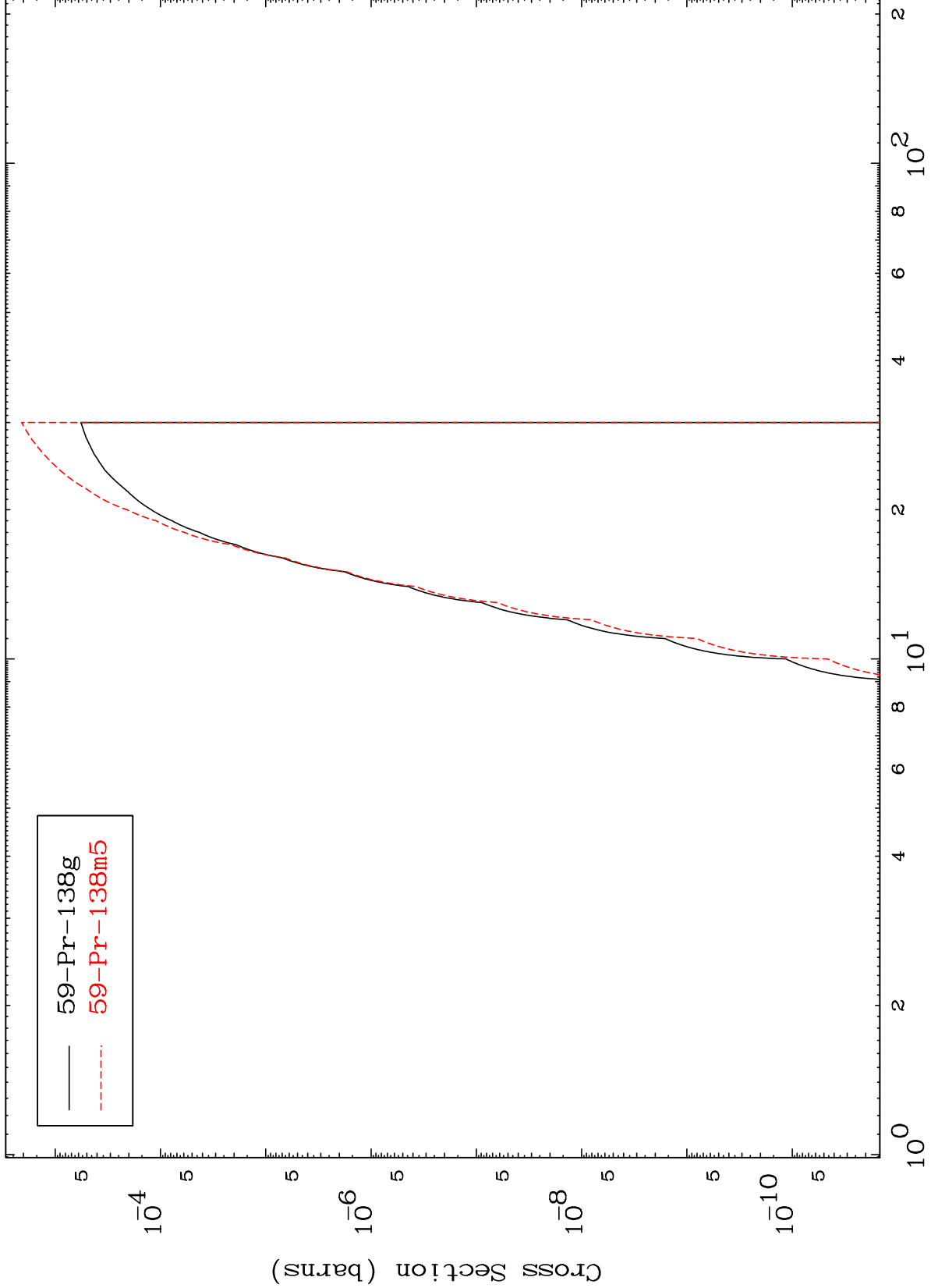
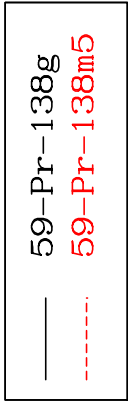


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(n,He-3)

60-Nd-139

Radionuclide Production Cross Section



Incident Energy (MeV)

60-Nd-139

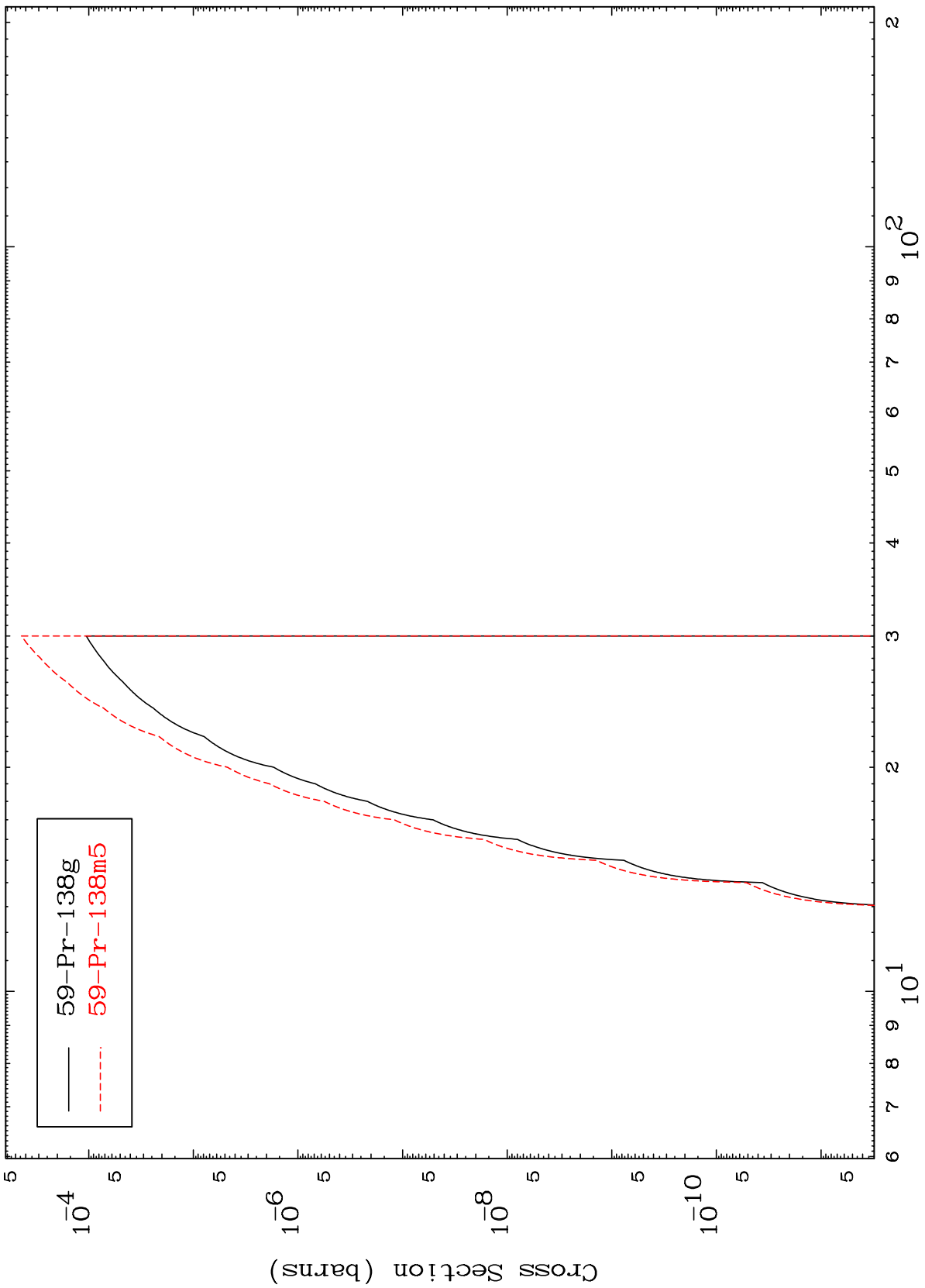
24

MAT 6016

(n,p) d

60-Nd-139

Radionuclide Production Cross Section



25

Incident Energy (MeV)

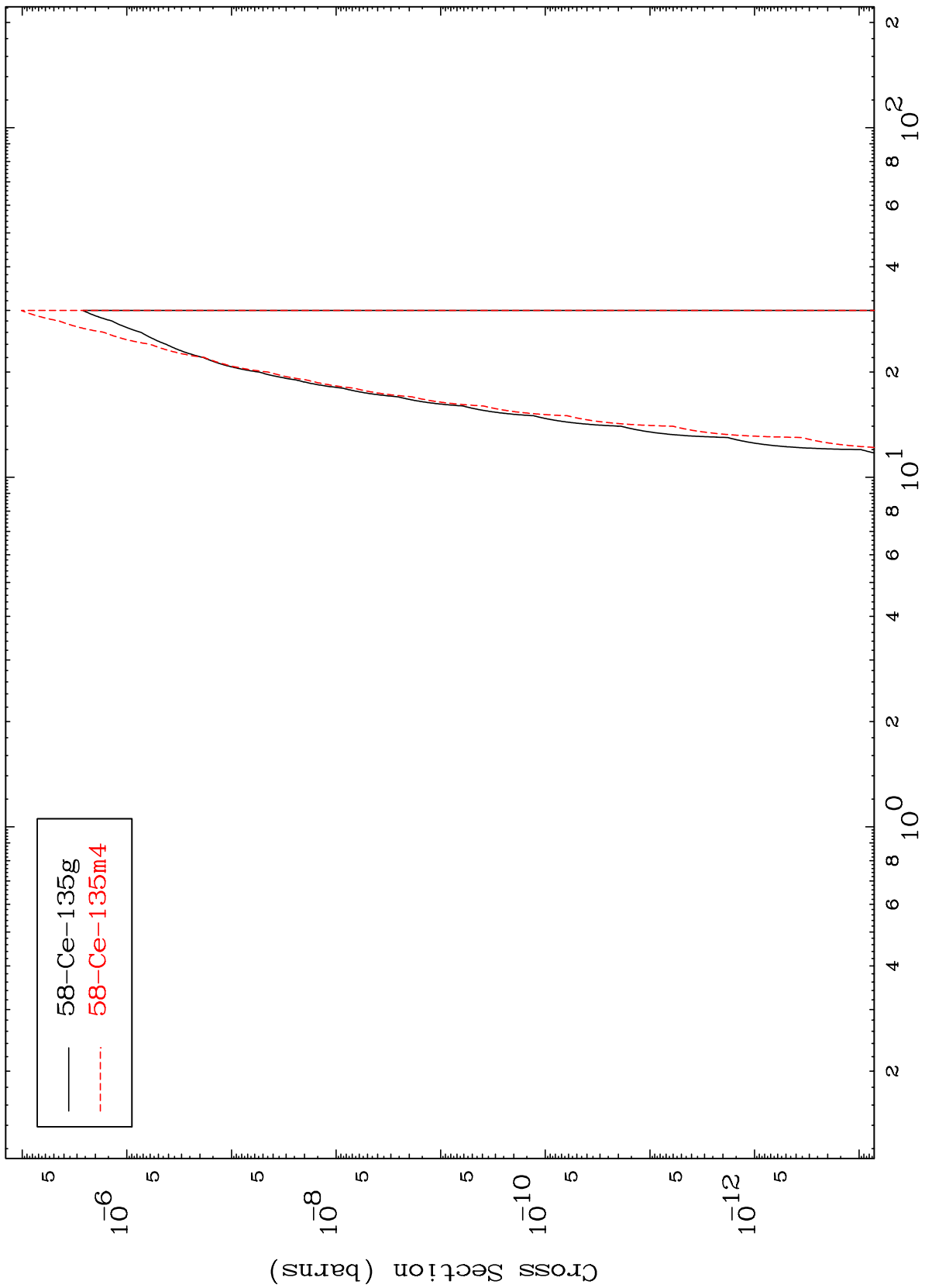
60-Nd-139

MAT 6016

(n,d) α

$^{60}\text{Nd-139}$

Radionuclide Production Cross Section



— 58-Ce-135g
- - - 58-Ce-135m4