

Program EVALPLOT
(Version 2021-1)

by

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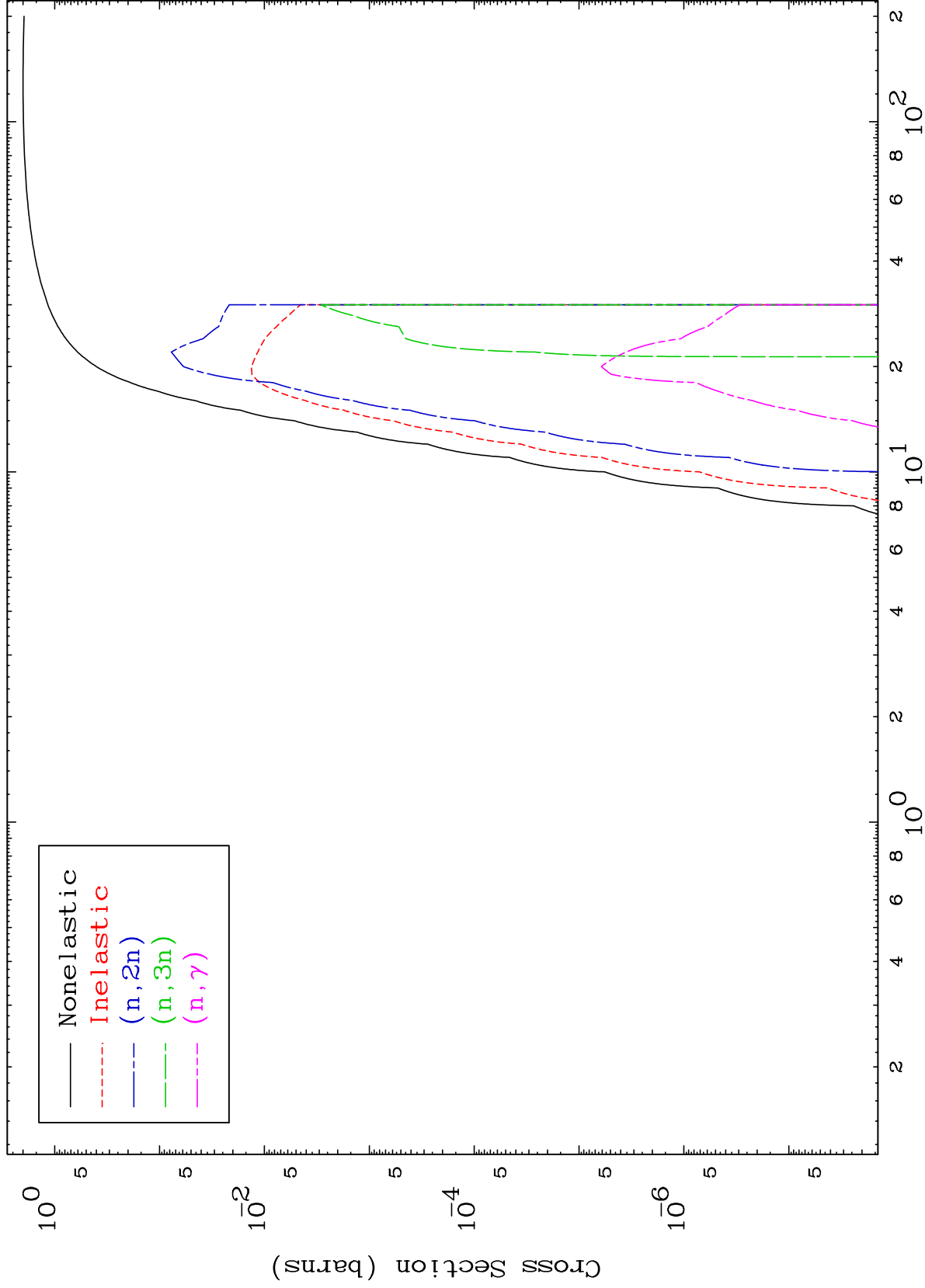
Press Mouse Button to Start

MAT 6010

He-3 Major

60-Nd-137

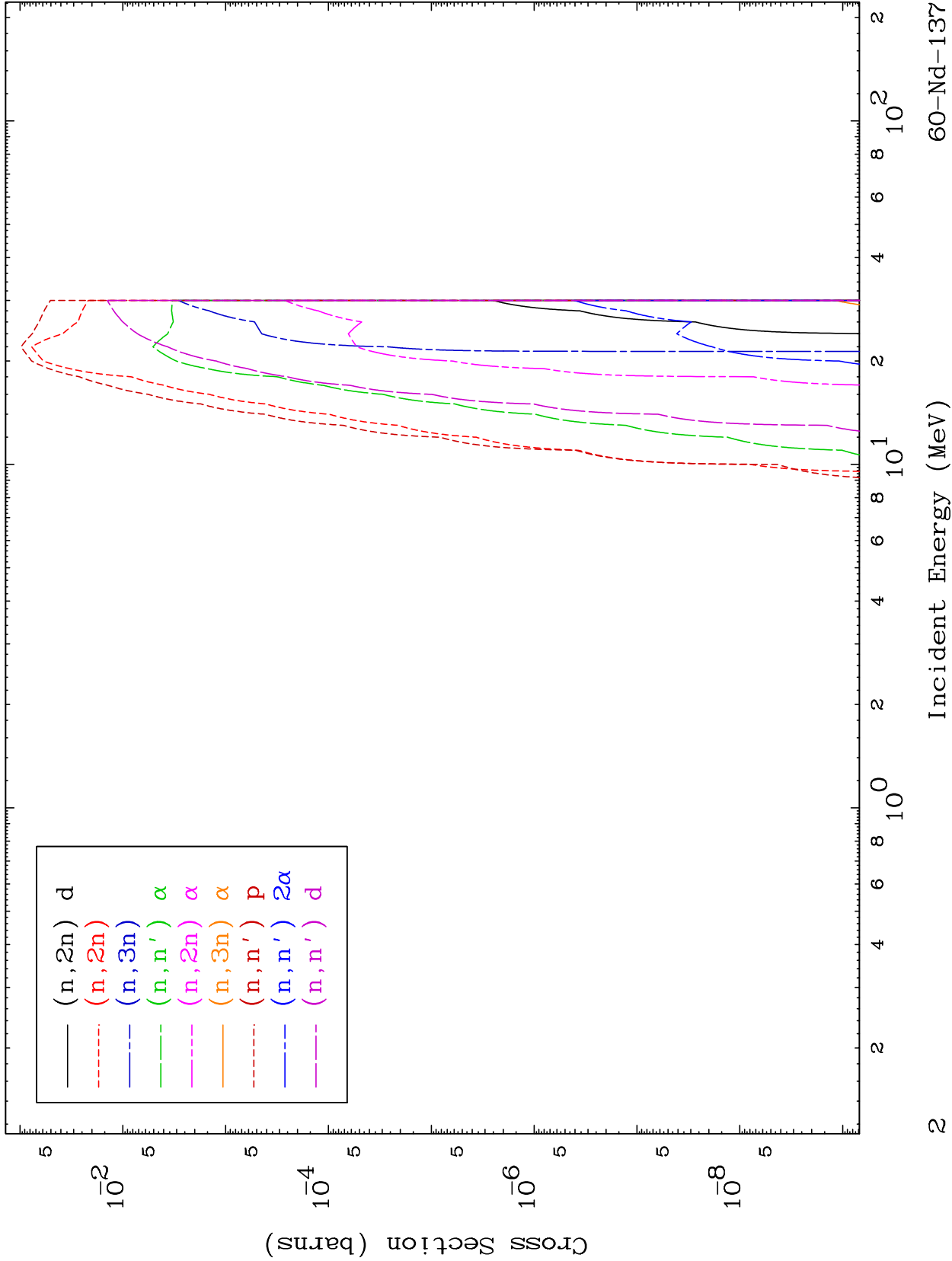
0 Kelvin Cross Sections



MAT 6010

He-3 Neutron Absorption
0 Kelvin Cross Sections

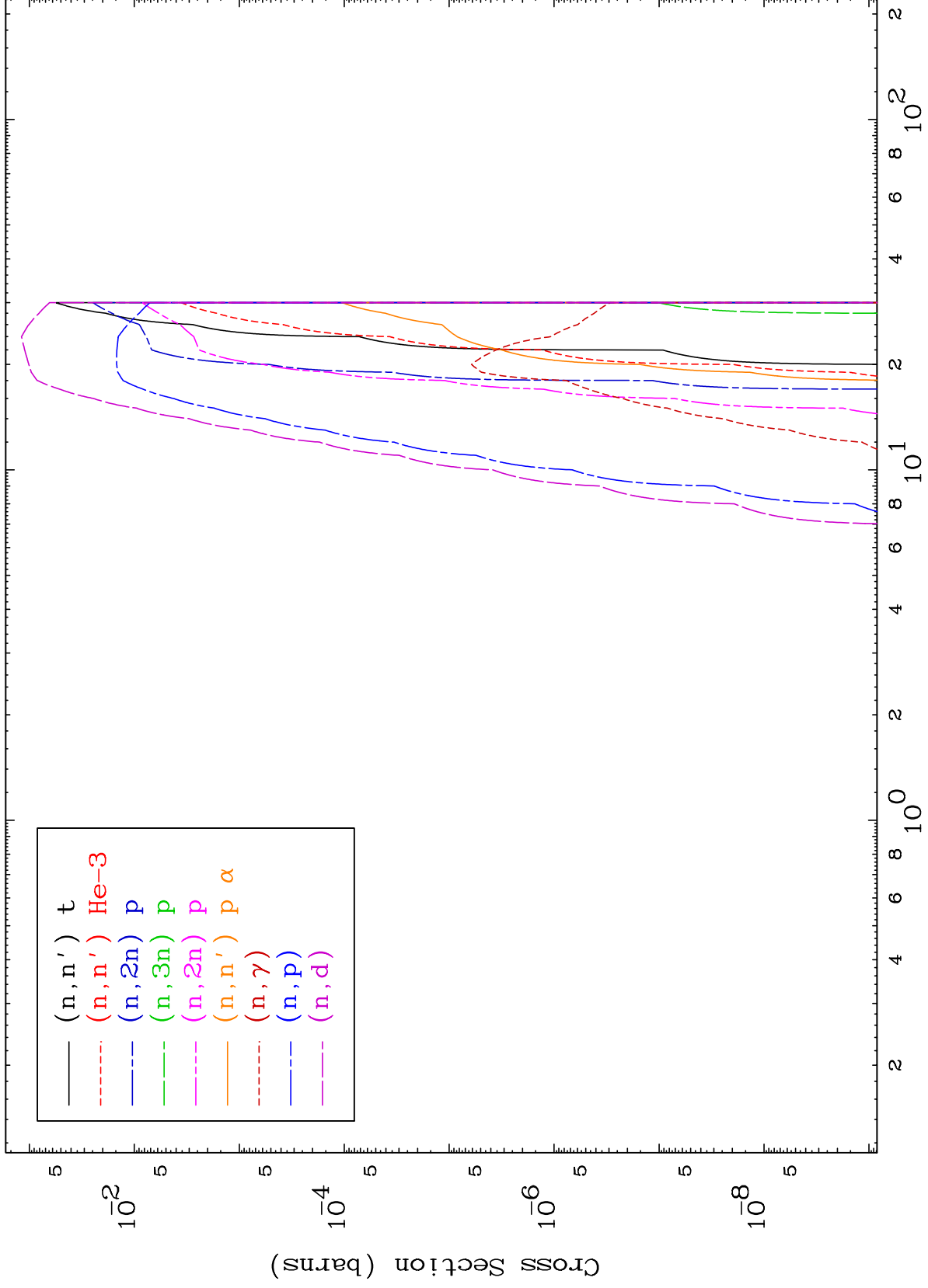
60-Nd-137



MAT 6010

He-3 Neutron Absorption
0 Kelvin Cross Sections

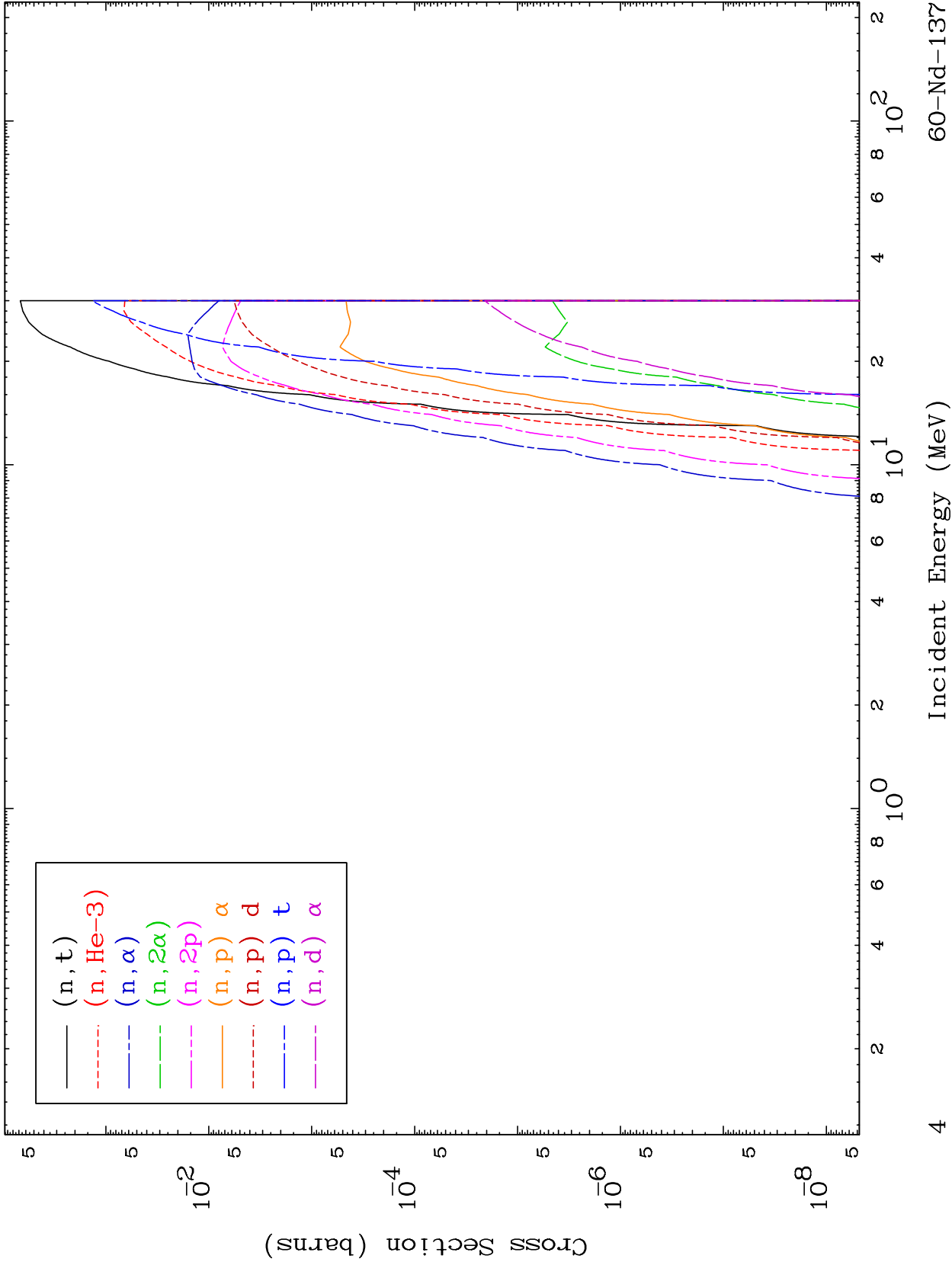
60-Nd-137



MAT 6010

He-3 Neutron Absorption
0 Kelvin Cross Sections

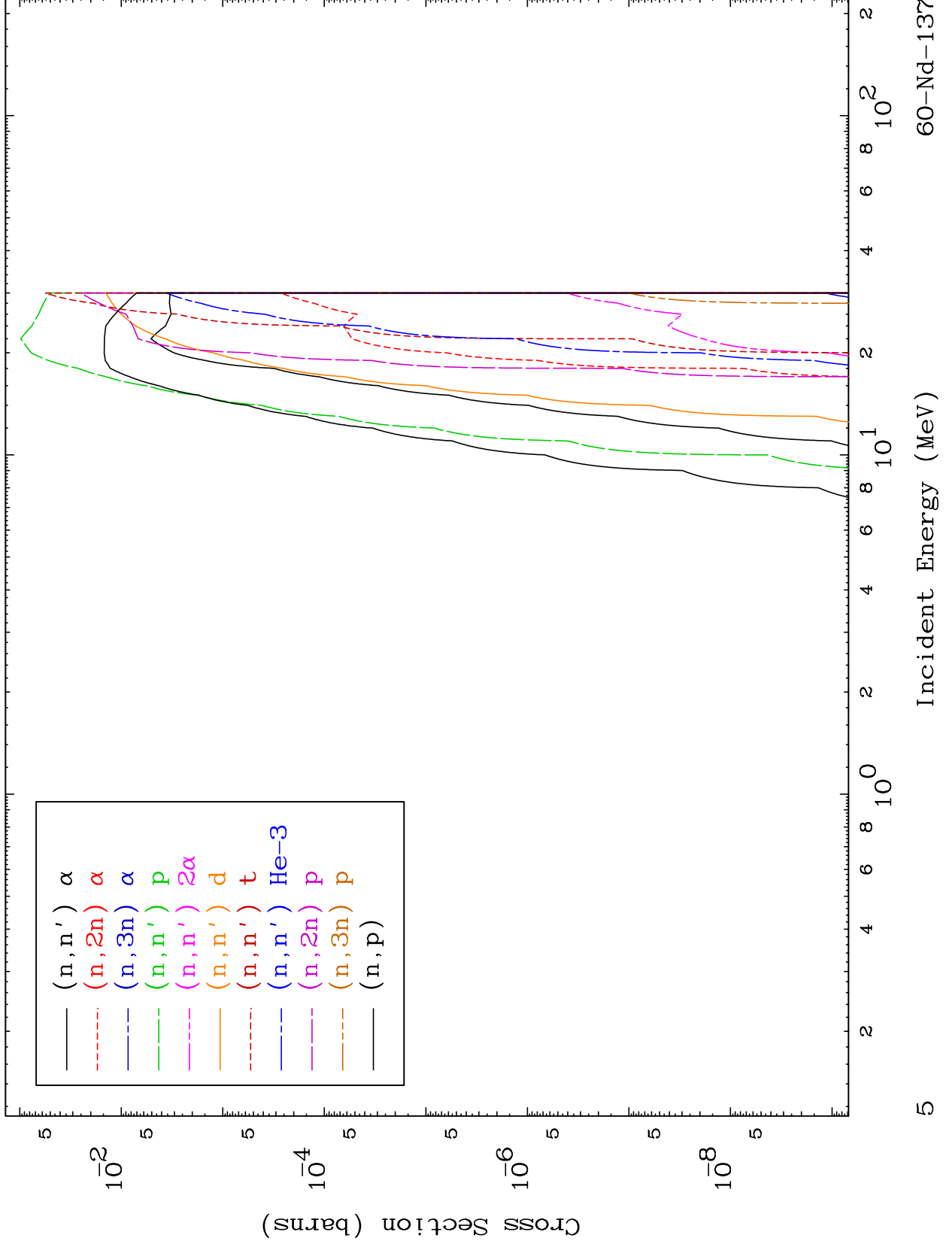
60-Nd-137



MAT 6010

He-3 Charged Particle
0 Kelvin Cross Sections

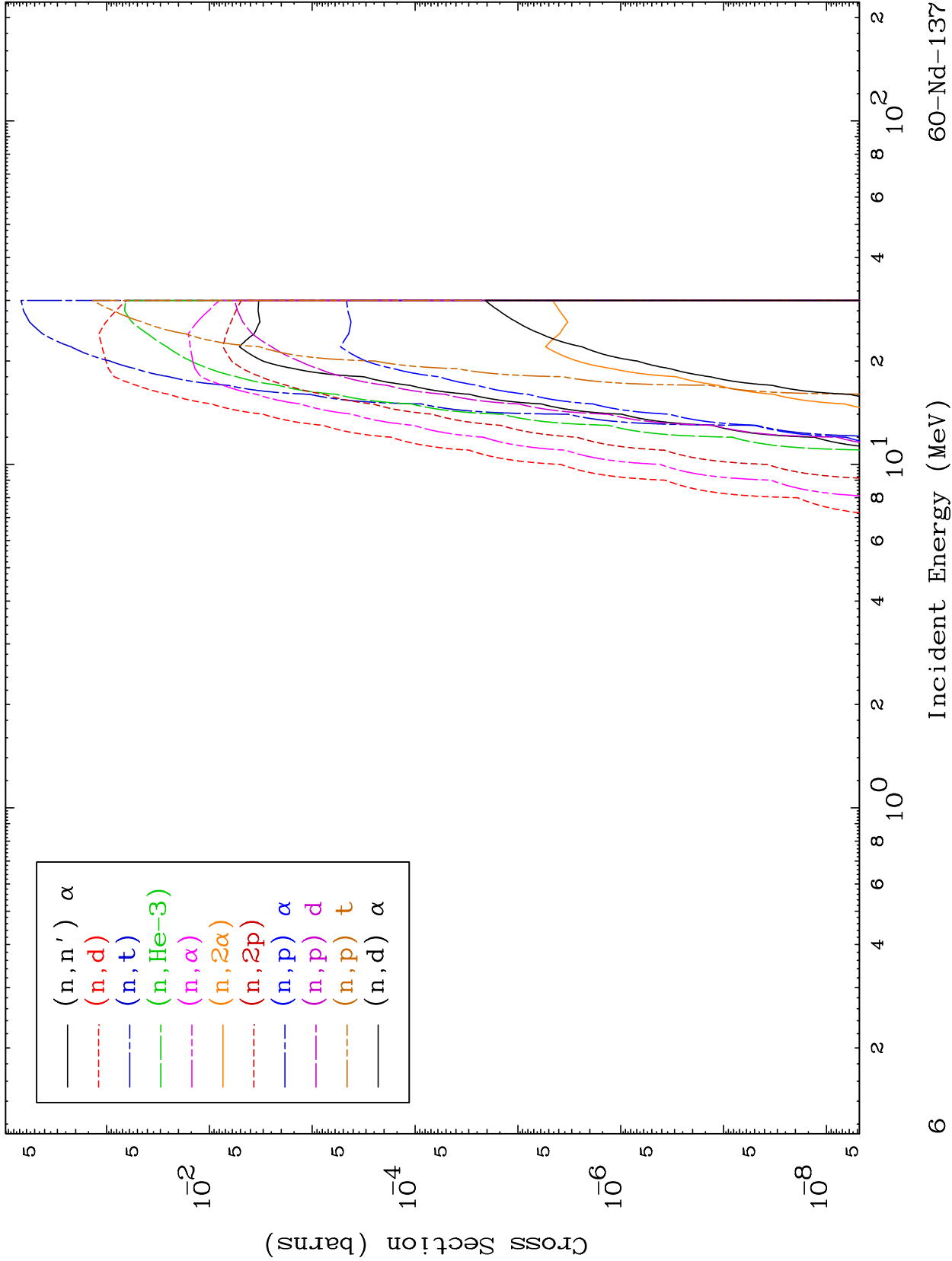
60-Nd-137



MAT 6010

He-3 Charged Particle
0 Kelvin Cross Sections

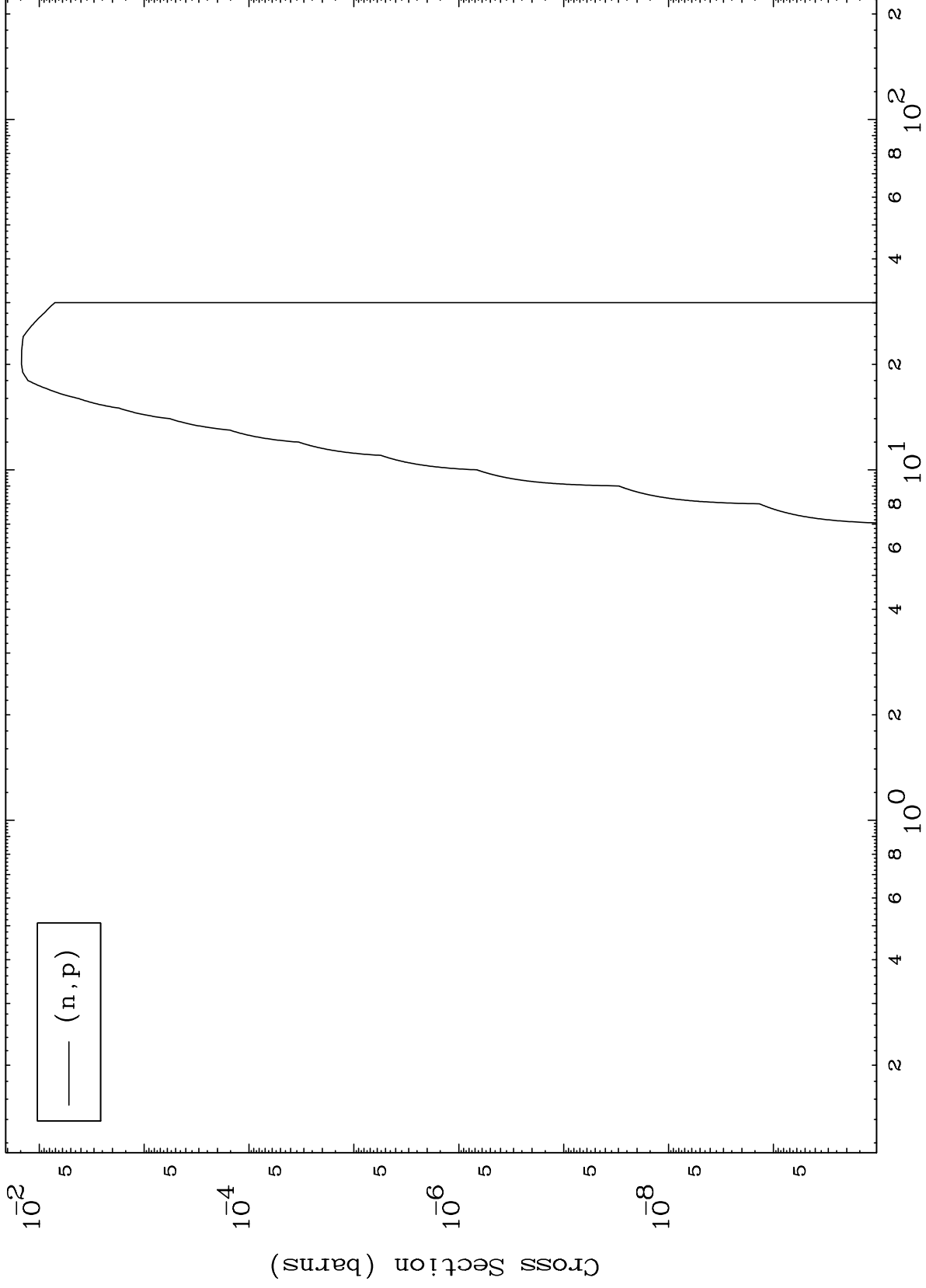
60-Nd-137



MAT 6010

60-Nd-137

(He-3,p) Levels
0 Kelvin Cross Sections



60-Nd-137

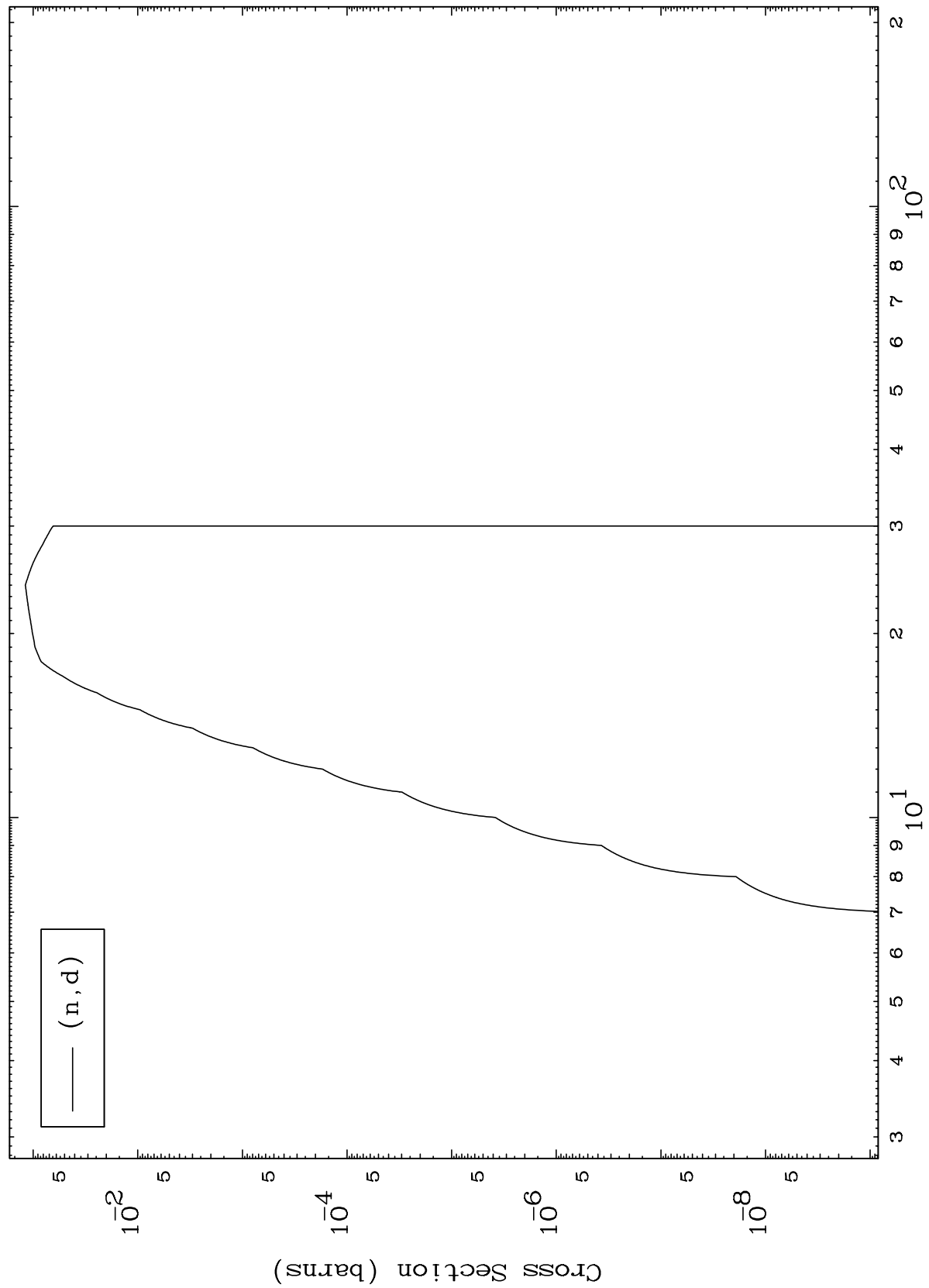
Incident Energy (MeV)

MAT 6010

(He-3,d) Levels

60-Nd-137

0 Kelvin Cross Sections



8

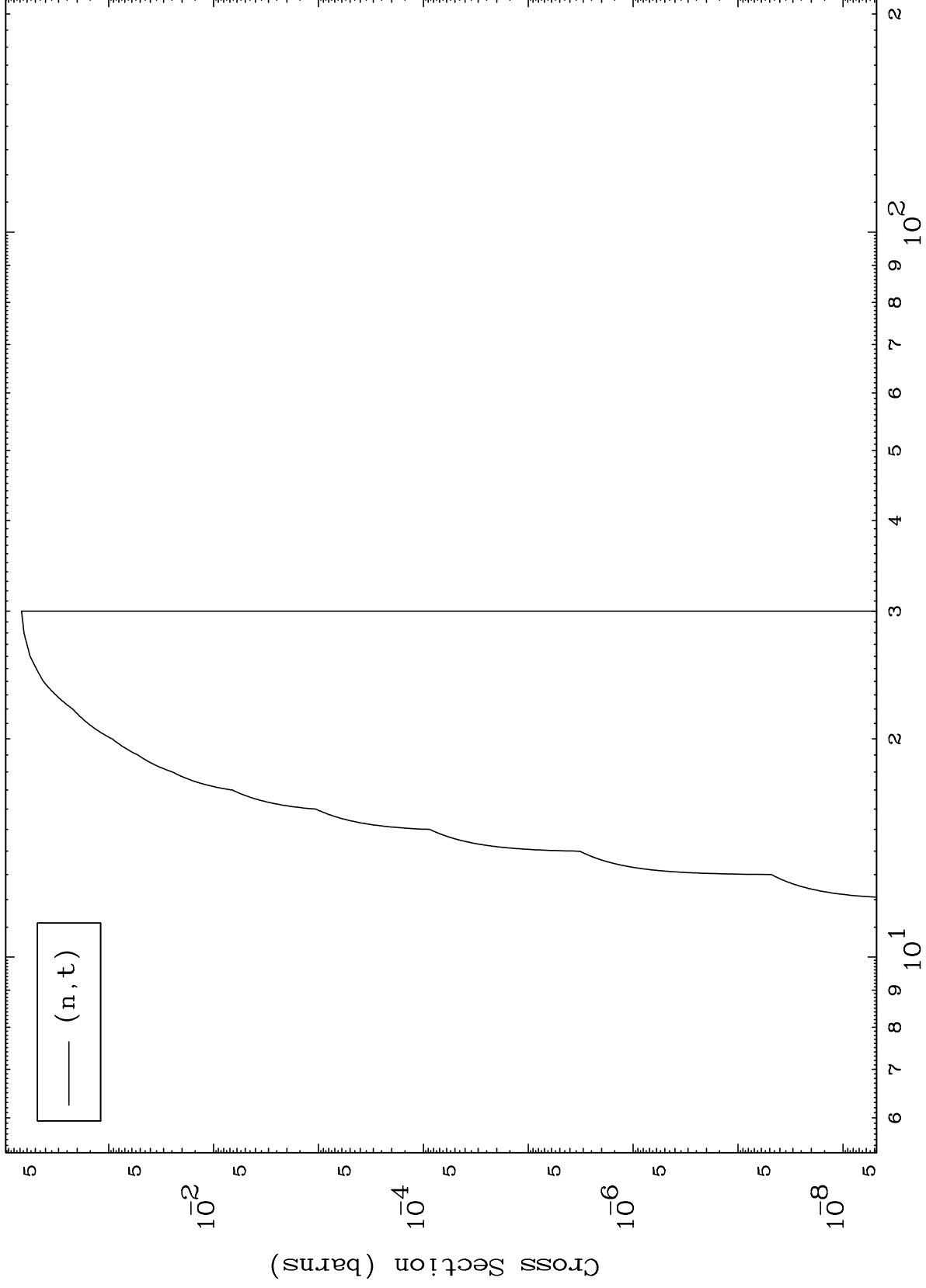
Incident Energy (MeV)

60-Nd-137

MAT 6010

(He-3,t) Levels
0 Kelvin Cross Sections

60-Nd-137



9

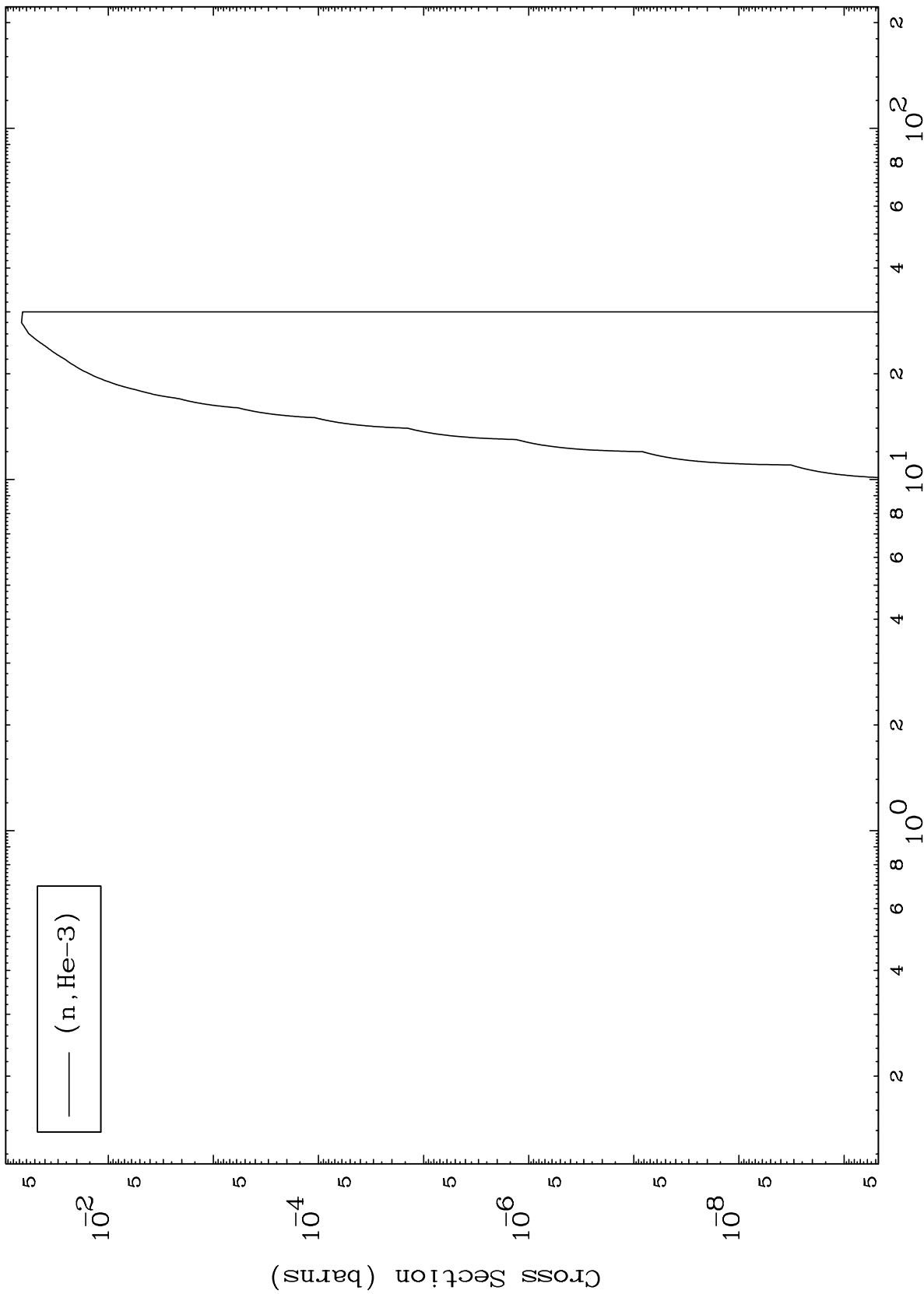
Incident Energy (MeV)

60-Nd-137

MAT 6010

60-Nd-137

(He-3, He3) Levels
0 Kelvin Cross Sections



60-Nd-137

Incident Energy (MeV)

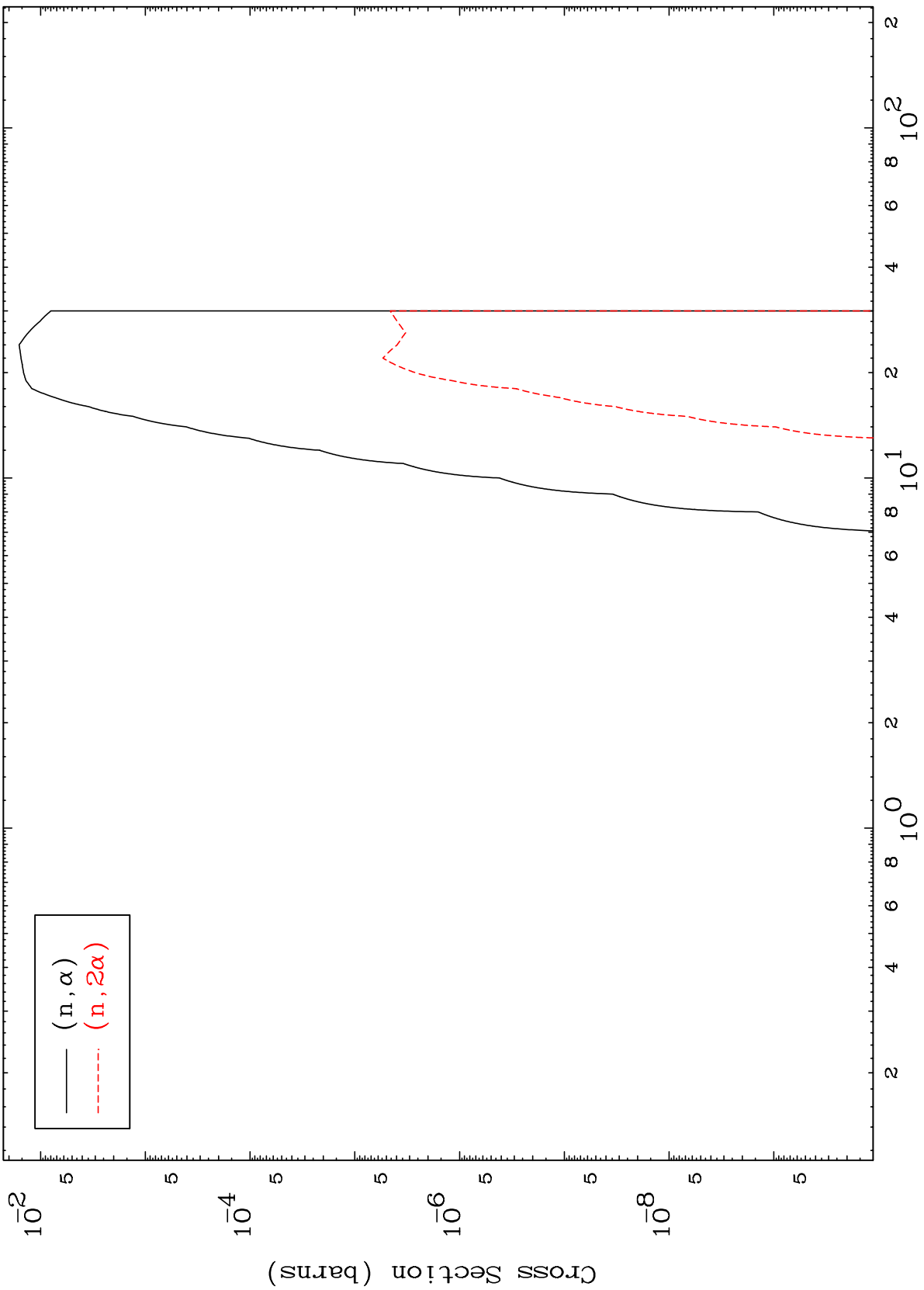
10

MAT 6010

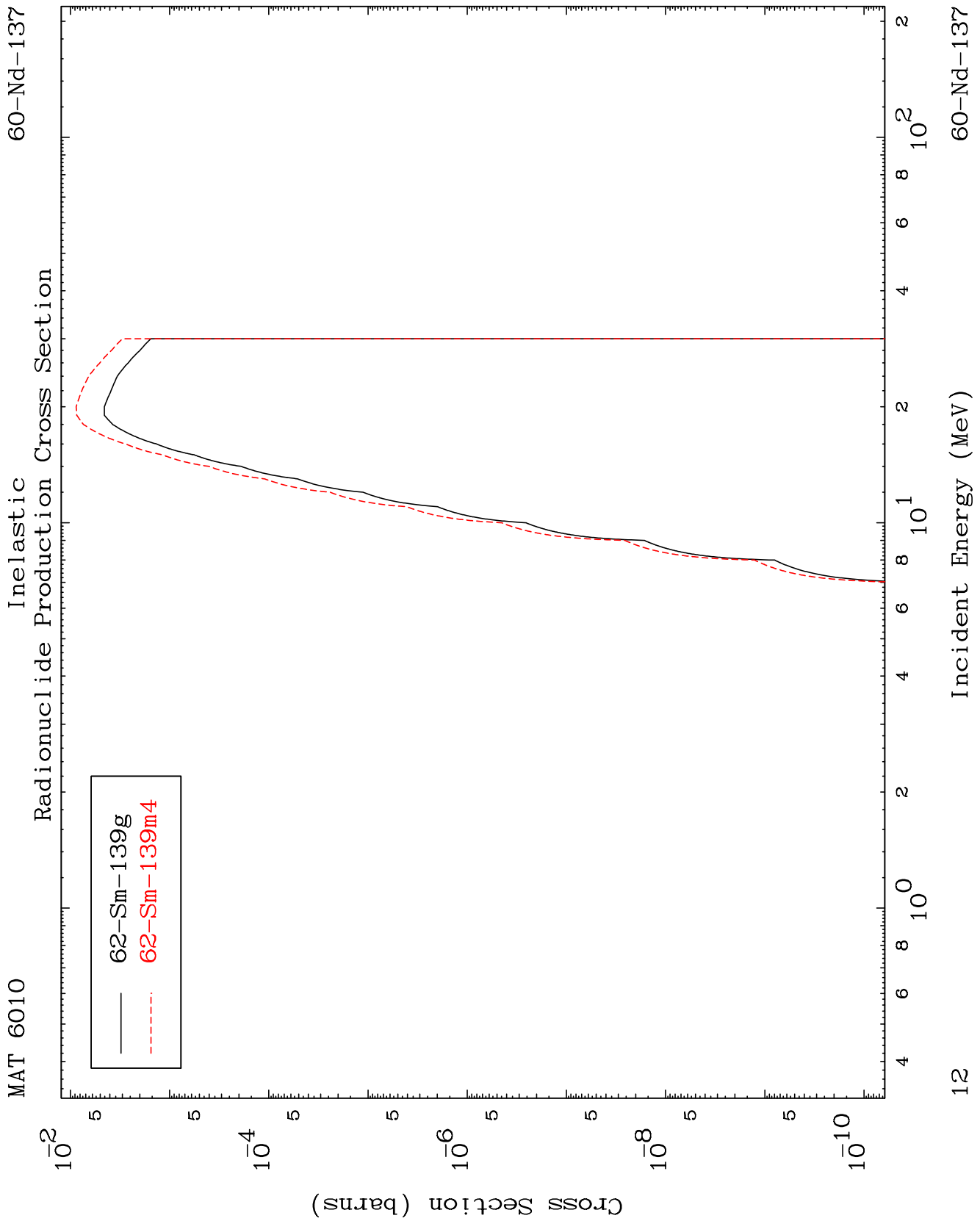
(He-3, α) Levels

60-Nd-137

0 Kelvin Cross Sections



— (n, α)
- - - $(n, 2\alpha)$

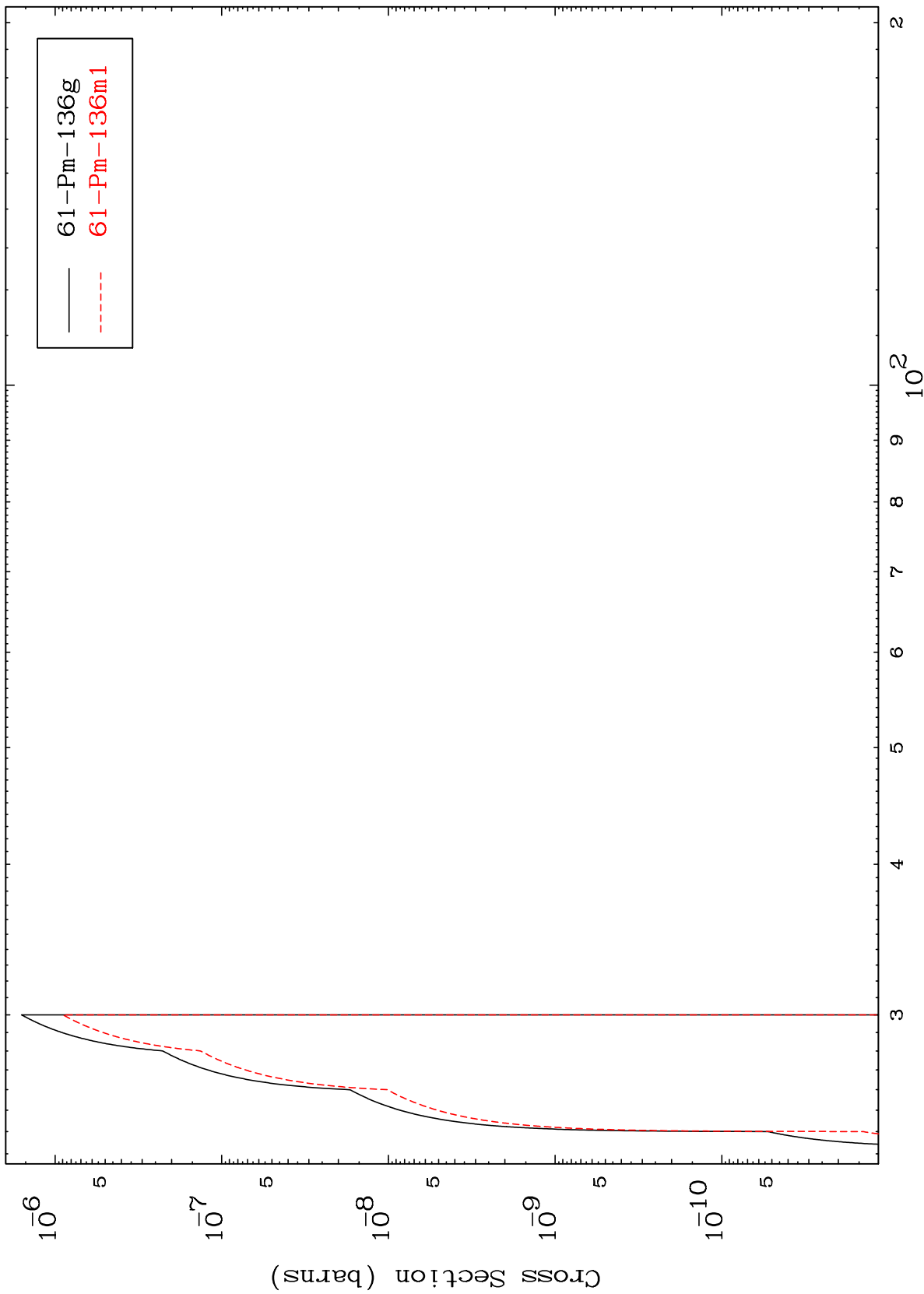


MAT 6010

(n,2n) d

60-Nd-137

Radionuclide Production Cross Section



13

Incident Energy (MeV)

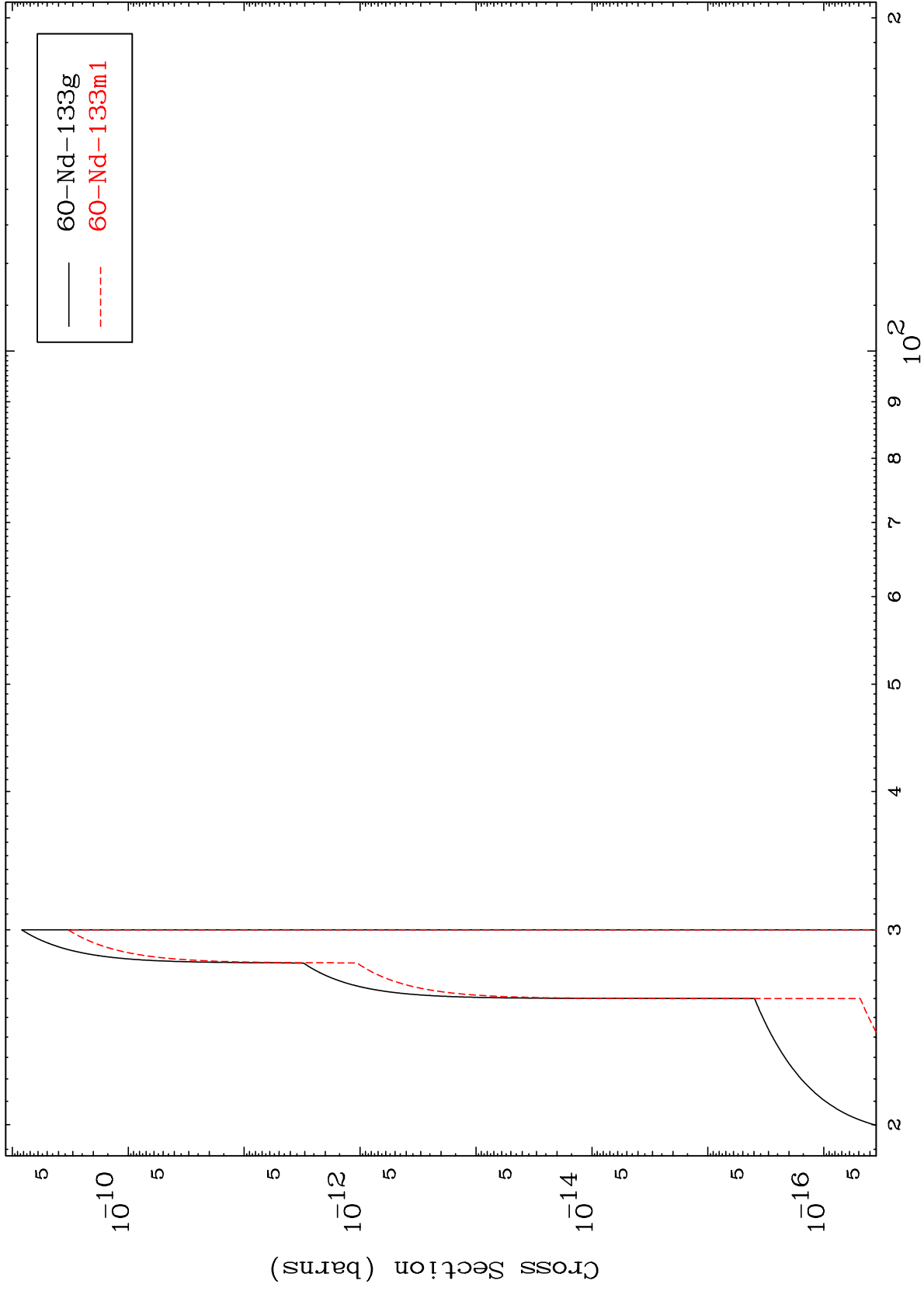
60-Nd-137

MAT 6010

$(n,3n) \alpha$

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

Radionuclide Production Cross Section



14

Incident Energy (MeV)

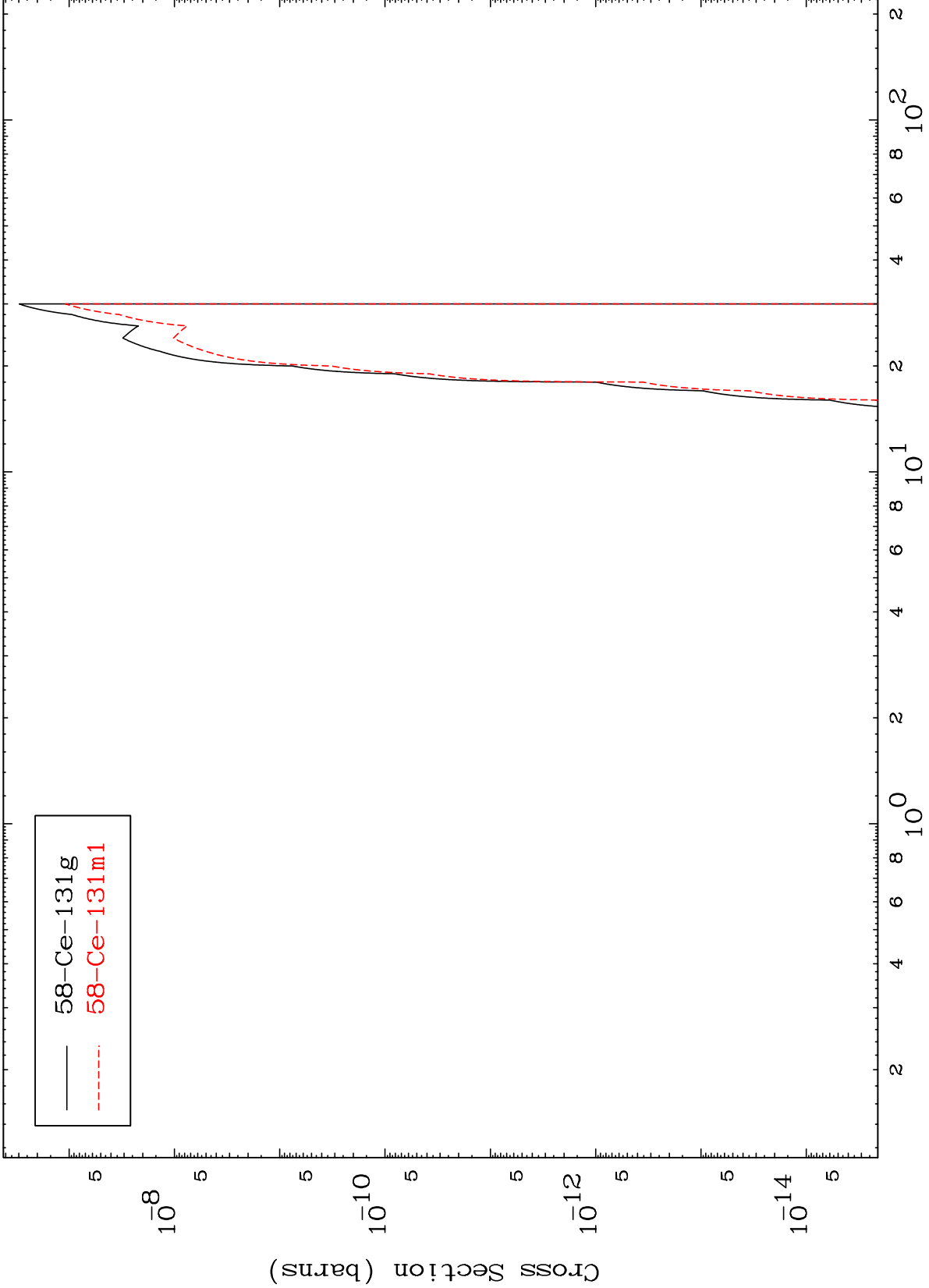
$^{60}\text{Nd}-137$

MAT 6010

(n,n') 2 α

60-Nd-137

Radionuclide Production Cross Section

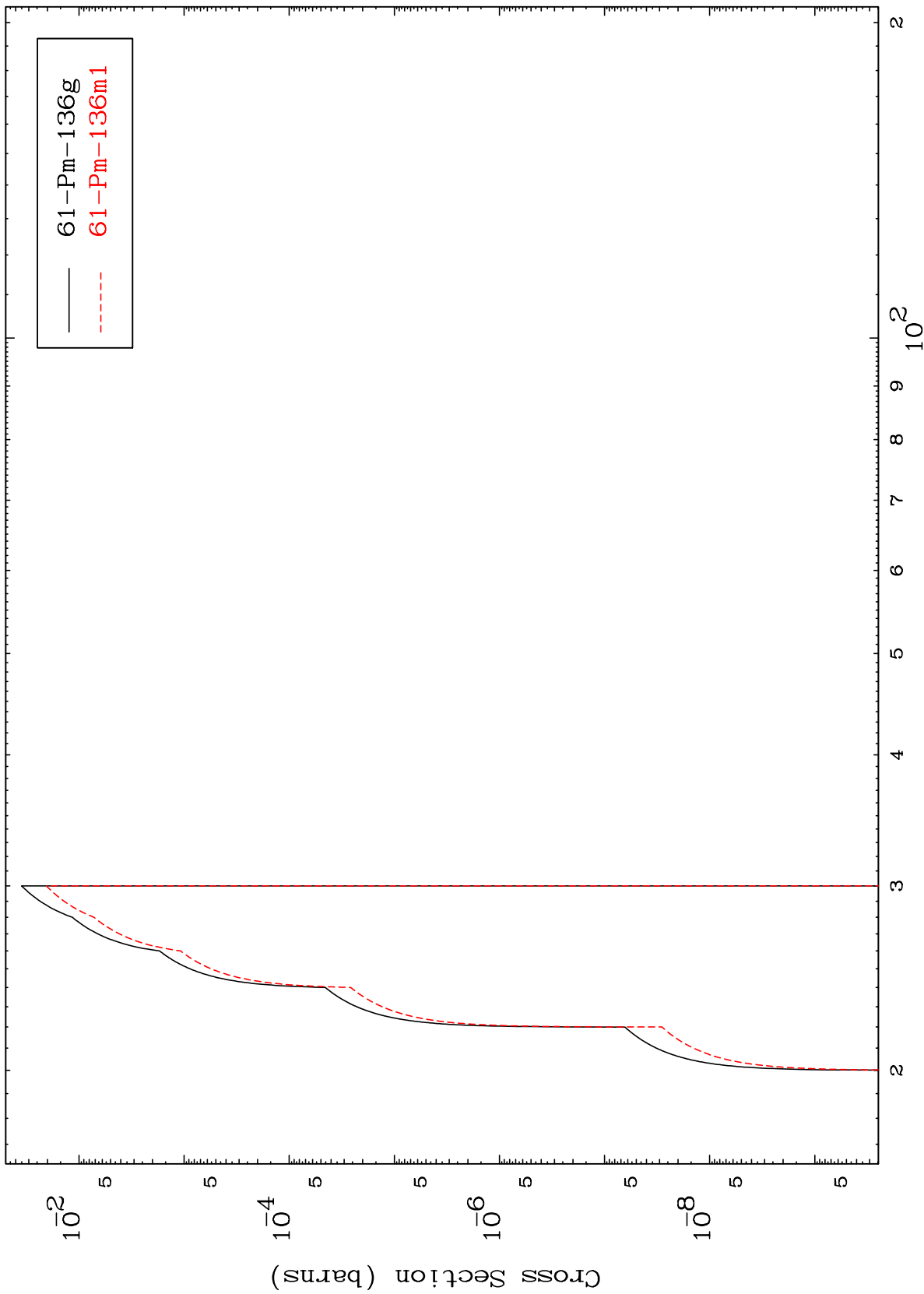


MAT 6010

(n,n') t

60-Nd-137

Radionuclide Production Cross Section



16

Incident Energy (MeV)

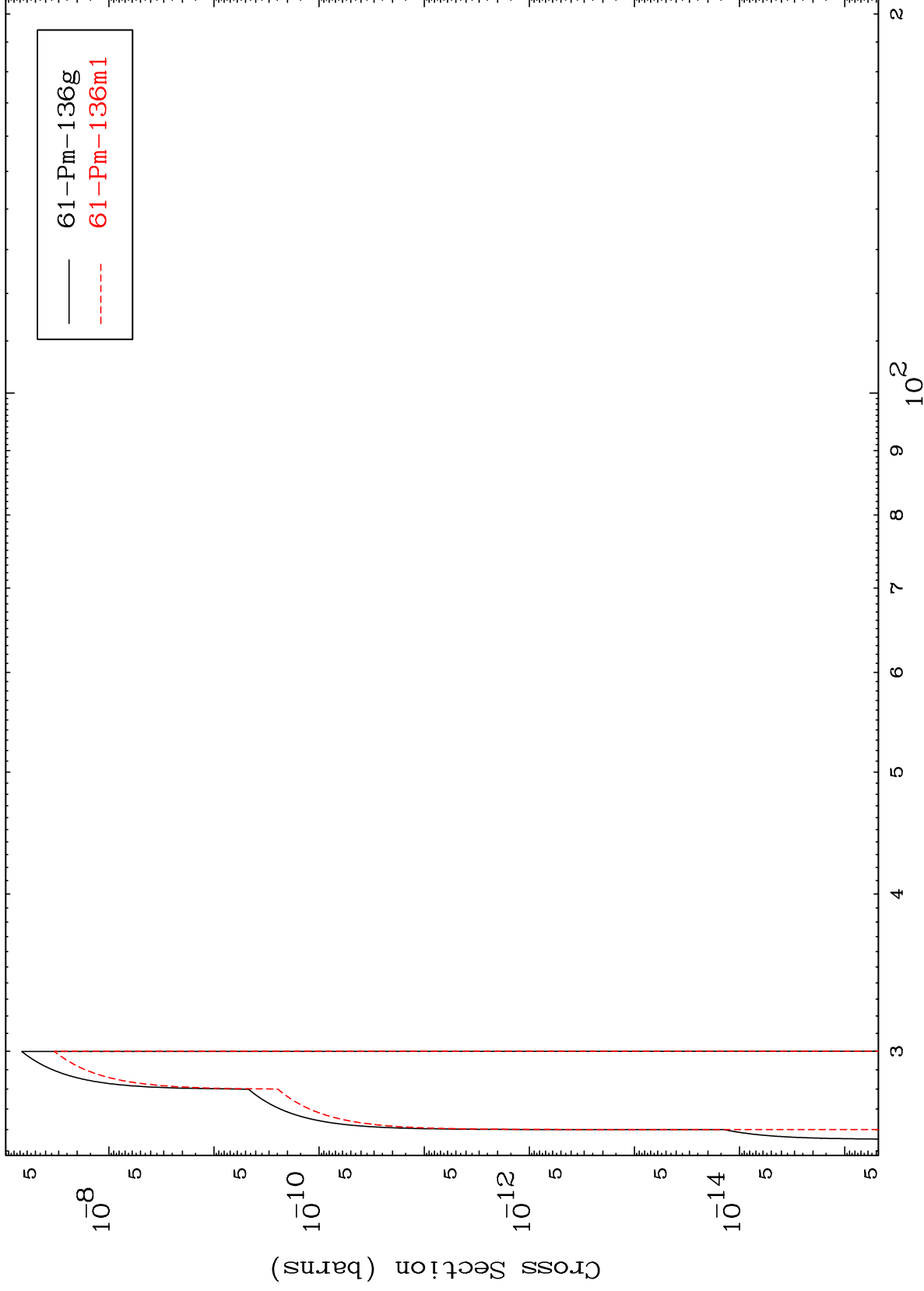
60-Nd-137

MAT 6010

(n,3n) p

60-Nd-137

Radionuclide Production Cross Section



17

Incident Energy (MeV)

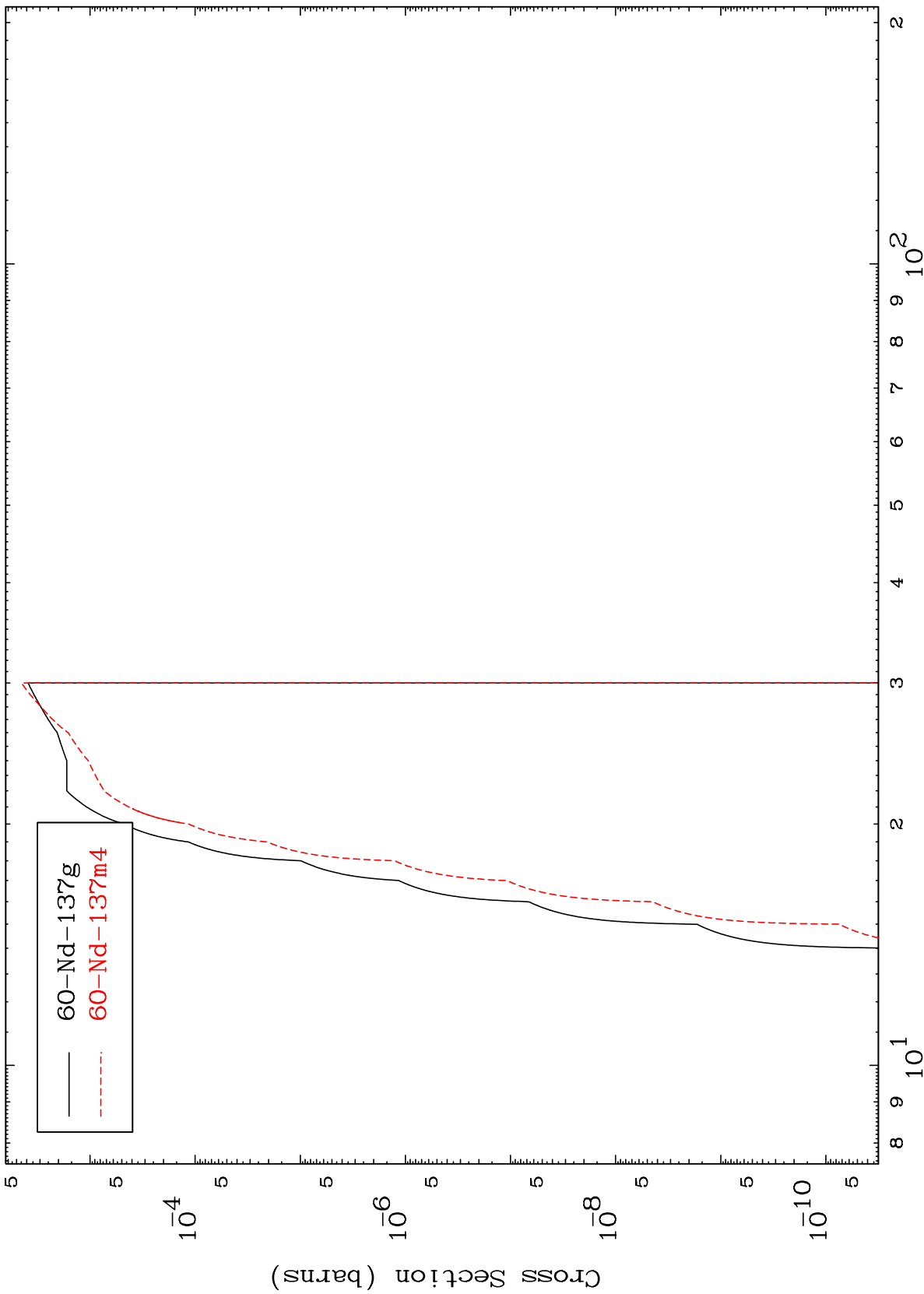
60-Nd-137

MAT 6010

(n,2n) p

60-Nd-137

Radionuclide Production Cross Section



18

Incident Energy (MeV)

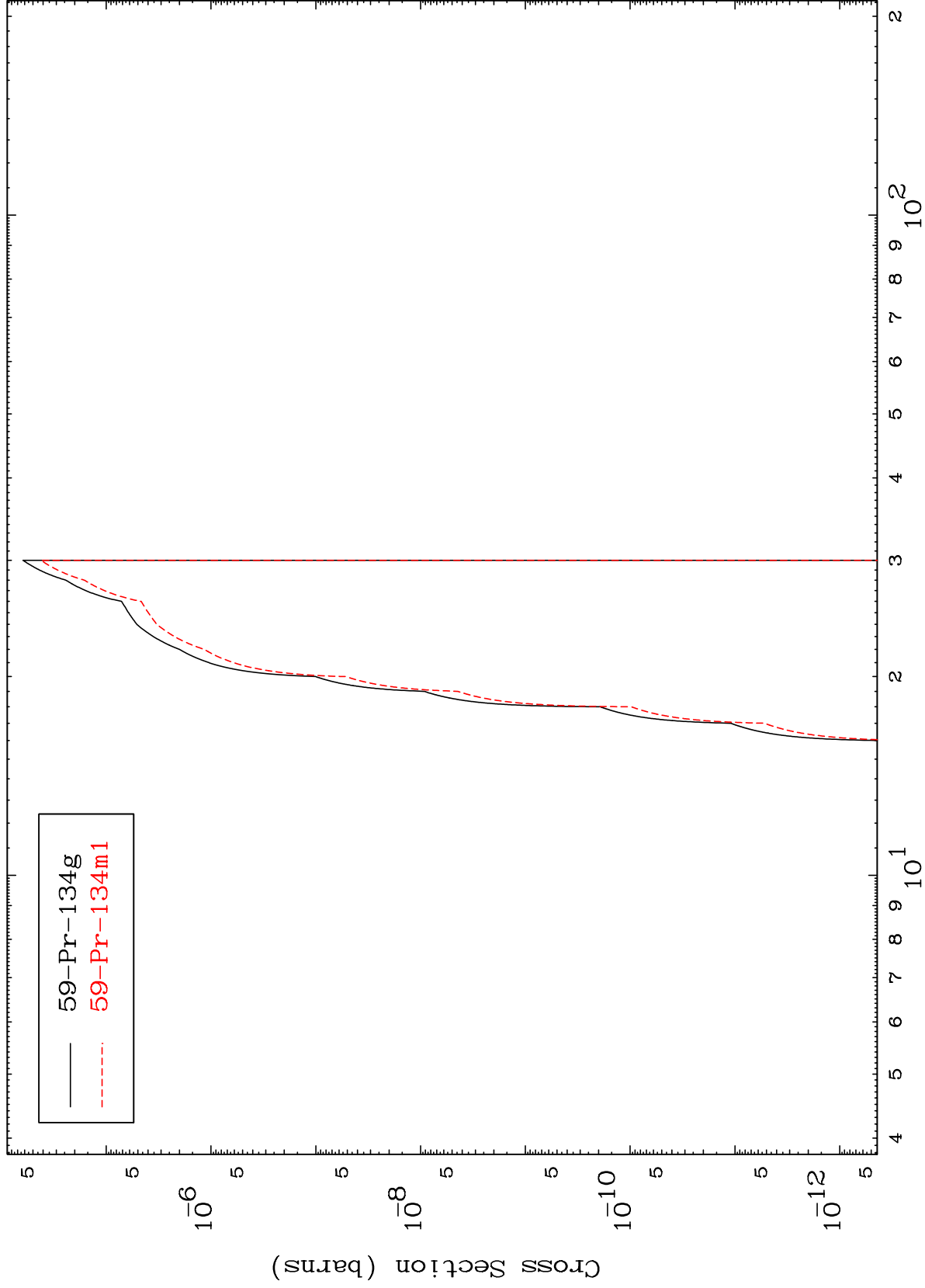
60-Nd-137

MAT 6010

(n,n') p α

60-Nd-137

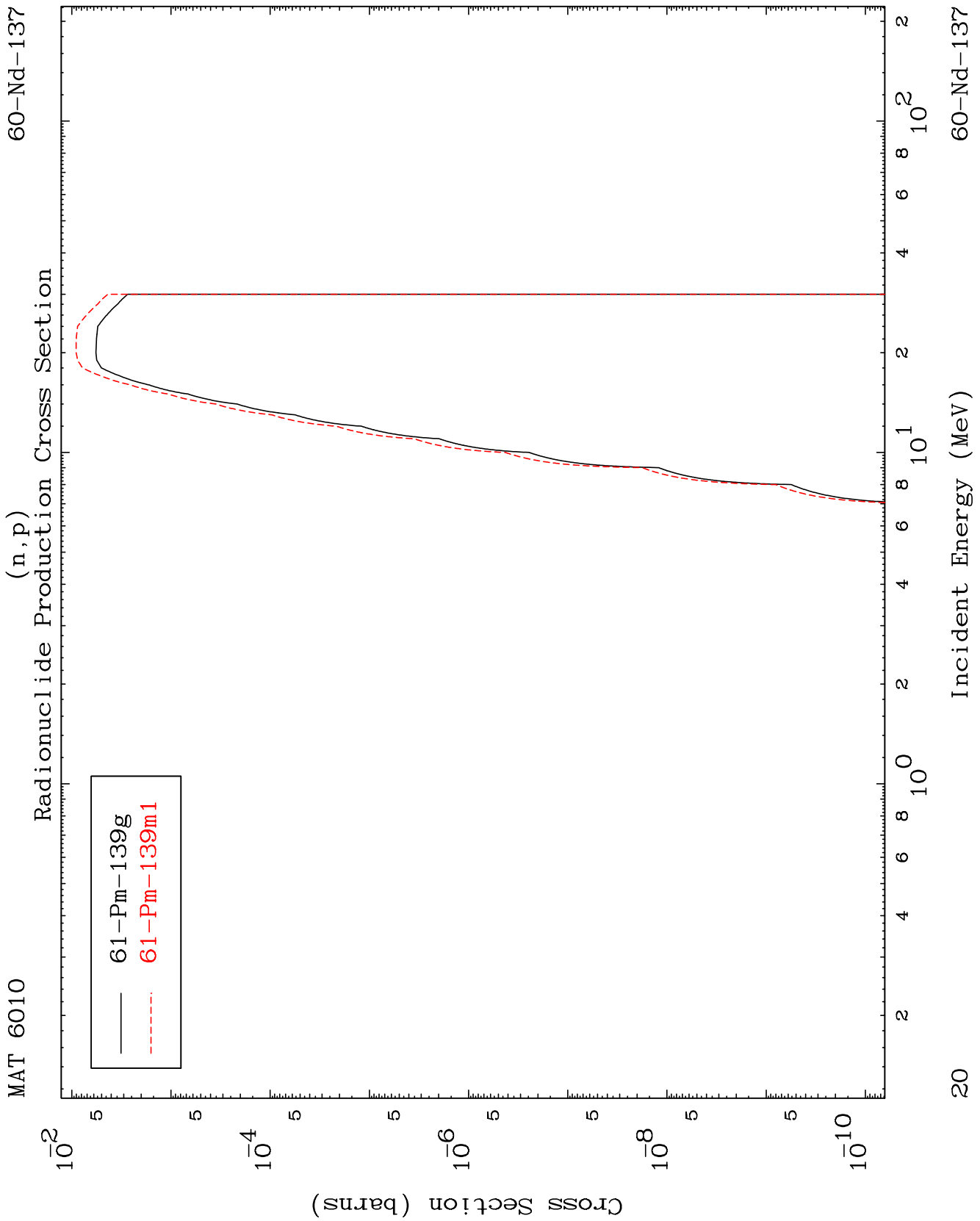
Radionuclide Production Cross Section



19

Incident Energy (MeV)

60-Nd-137

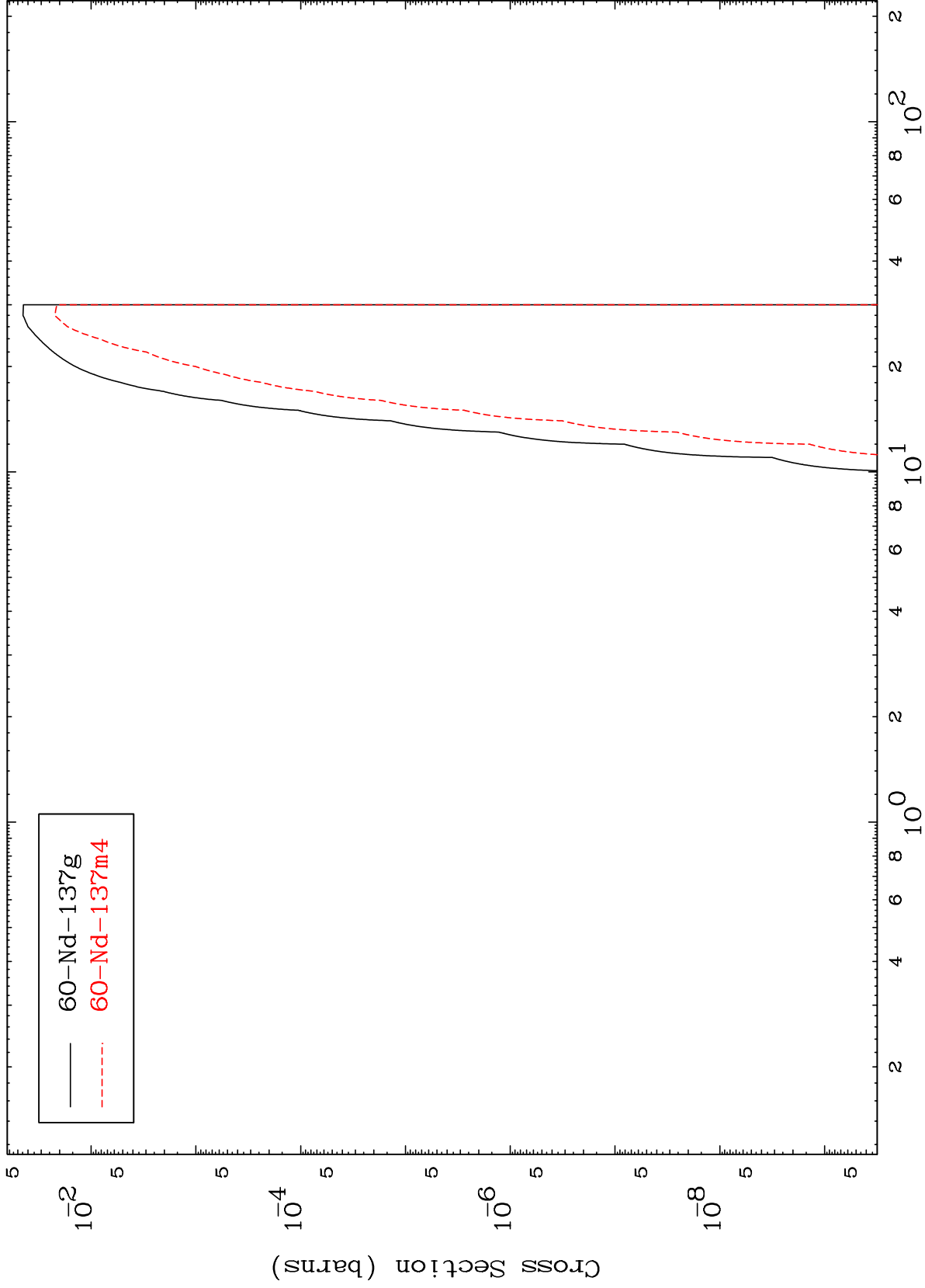


MAT 6010

(n,He-3)

60-Nd-137

Radionuclide Production Cross Section

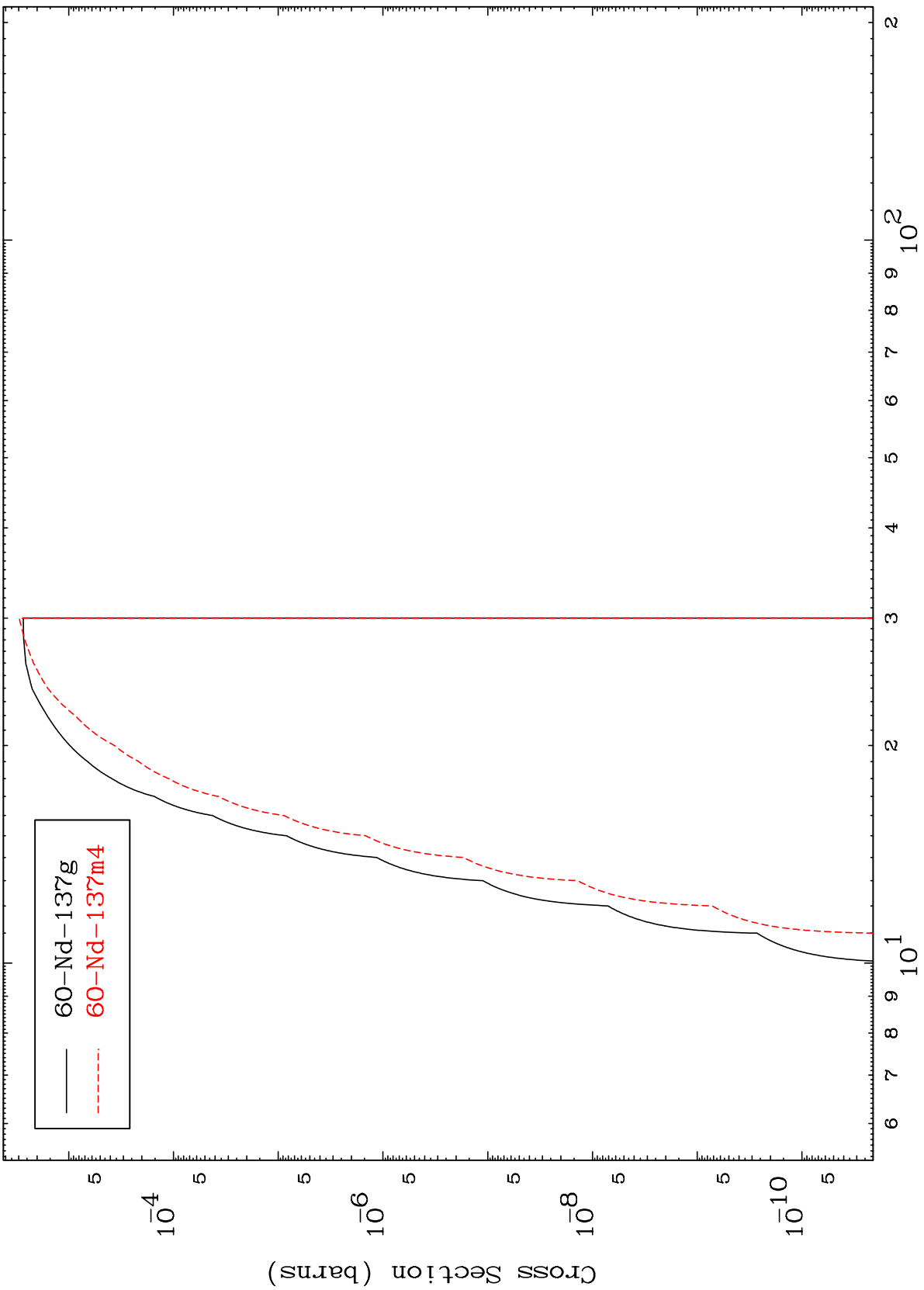


MAT 6010

(n,p) d

⁶⁰Nd-137

Radionuclide Production Cross Section

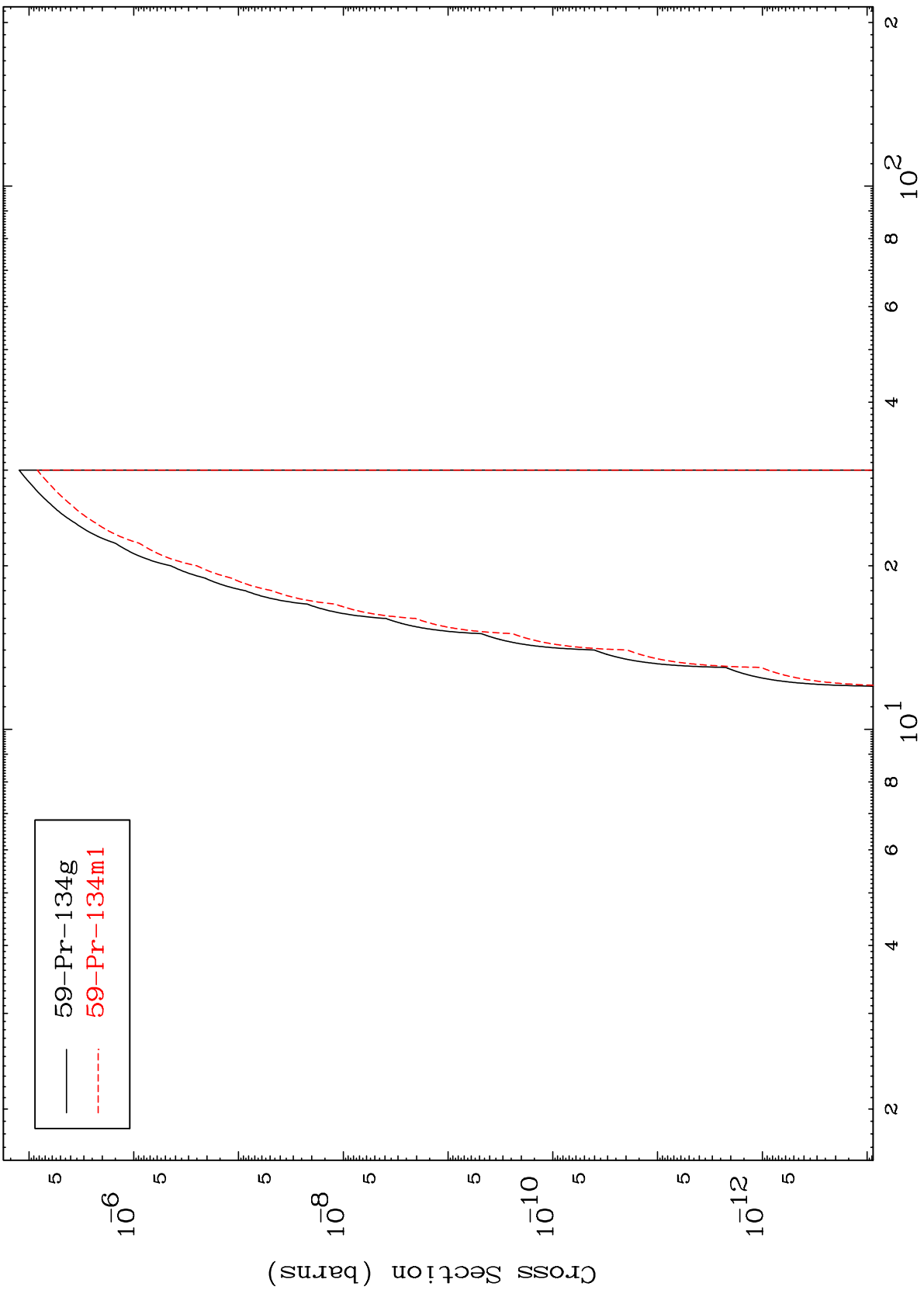


MAT 6010

(n,d) α

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

Radionuclide Production Cross Section



23

Incident Energy (MeV)

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