

Program EVALPLOT
(Version 2021-1)

by

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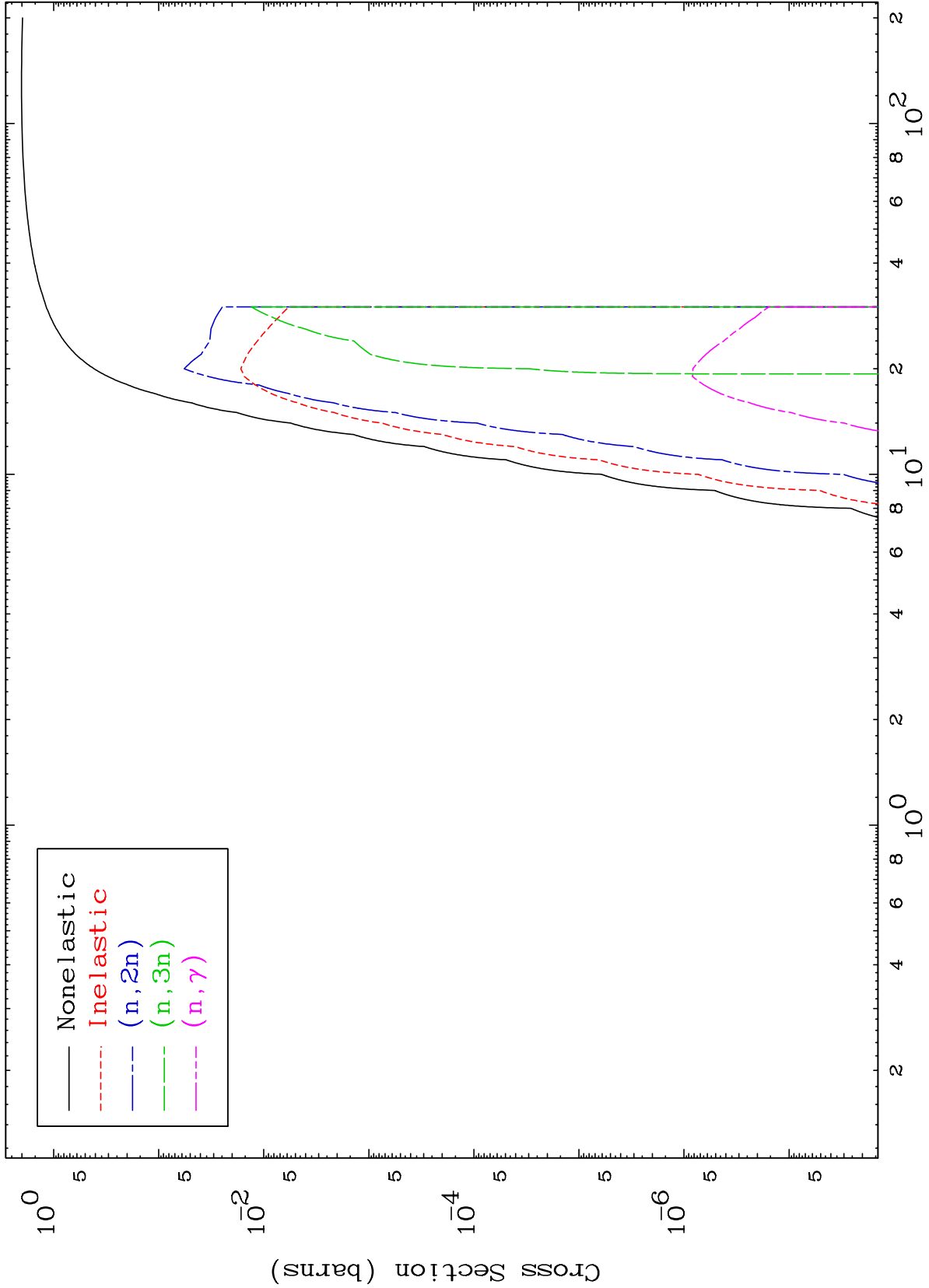
Press Mouse Button to Start

MAT 6016

He-3 Major

60-Nd-139

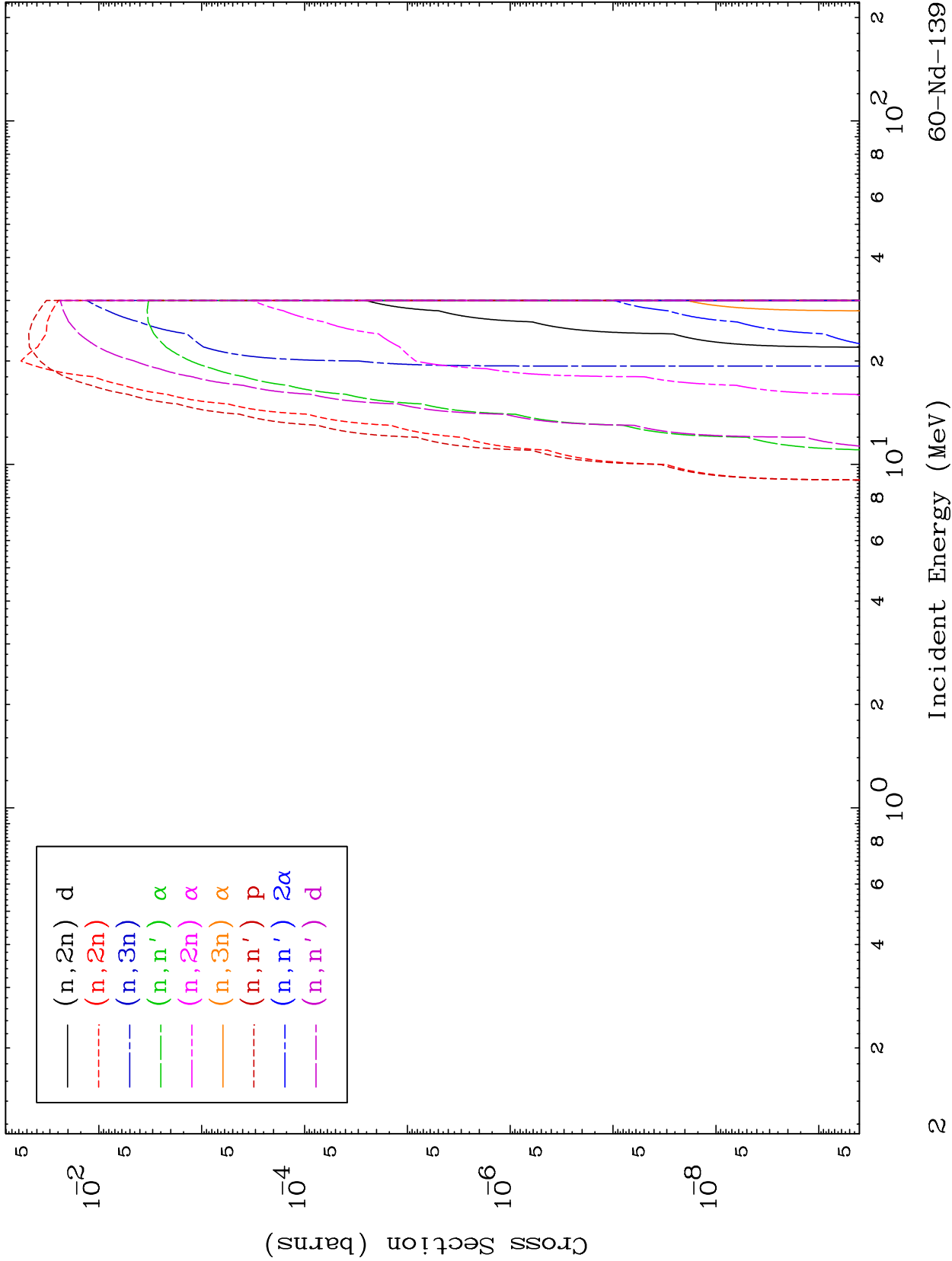
0 Kelvin Cross Sections



MAT 6016

He-3 Neutron Absorption
0 Kelvin Cross Sections

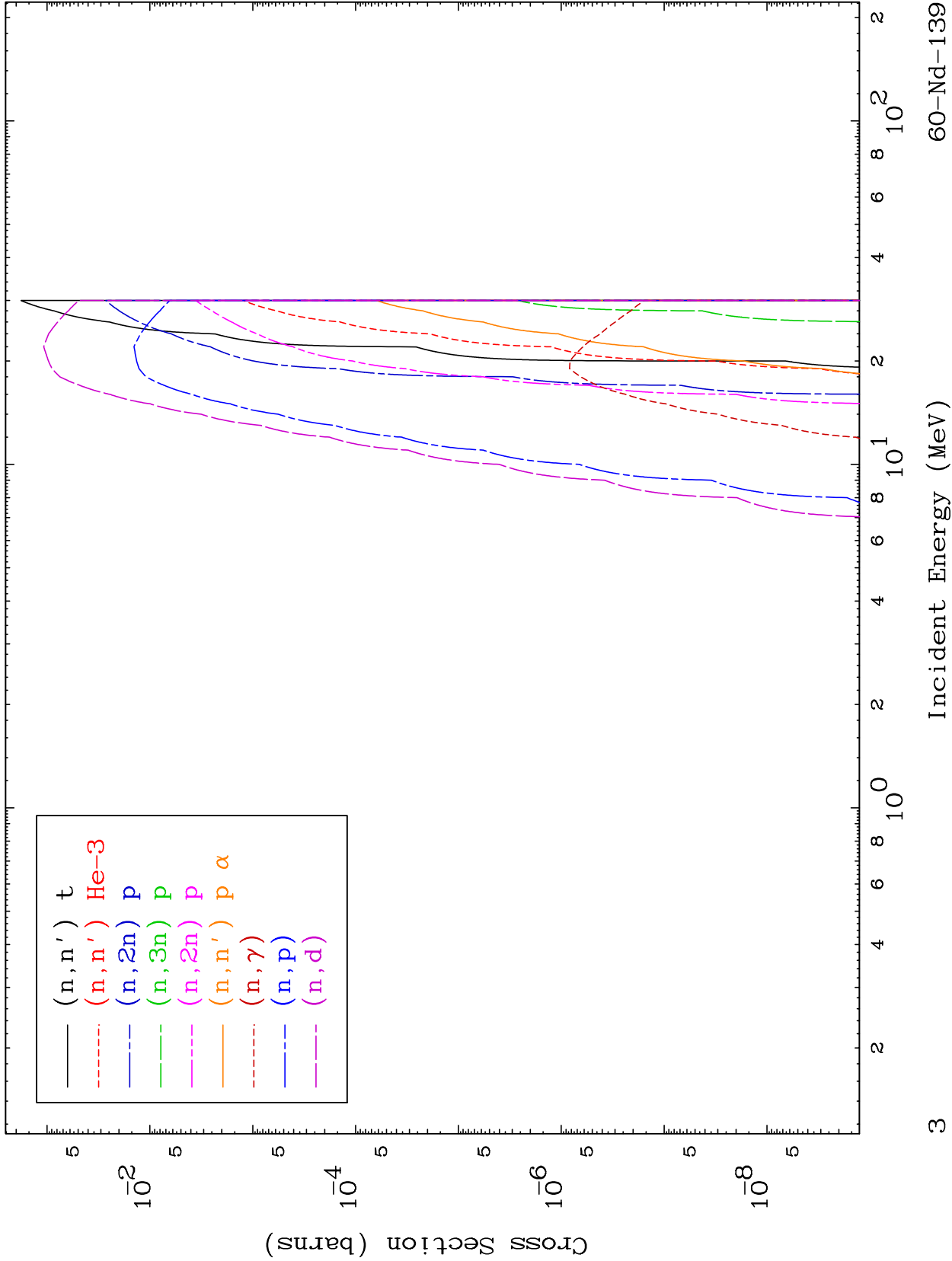
60-Nd-139



MAT 6016

He-3 Neutron Absorption
0 Kelvin Cross Sections

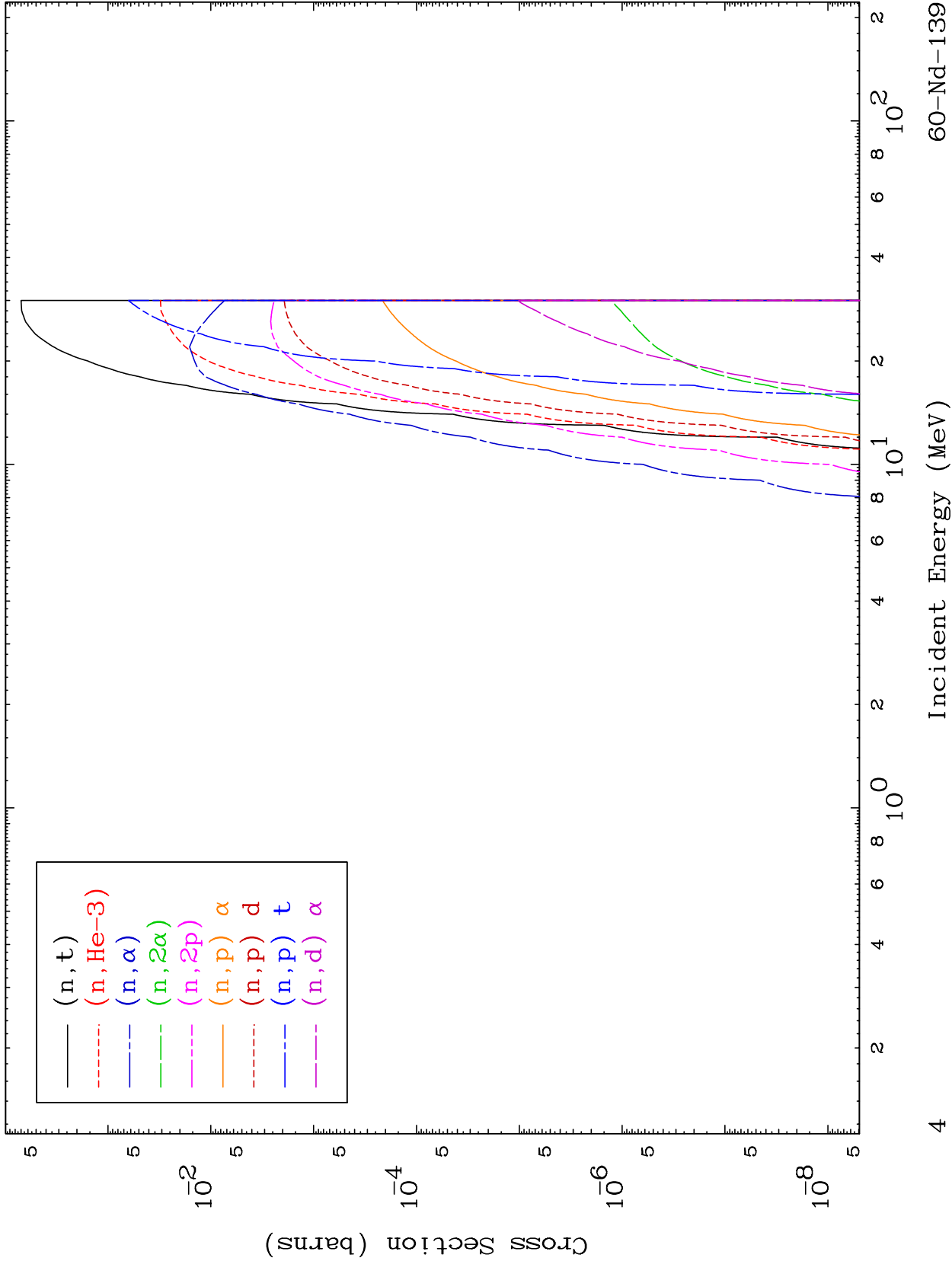
60-Nd-139



MAT 6016

He-3 Neutron Absorption
0 Kelvin Cross Sections

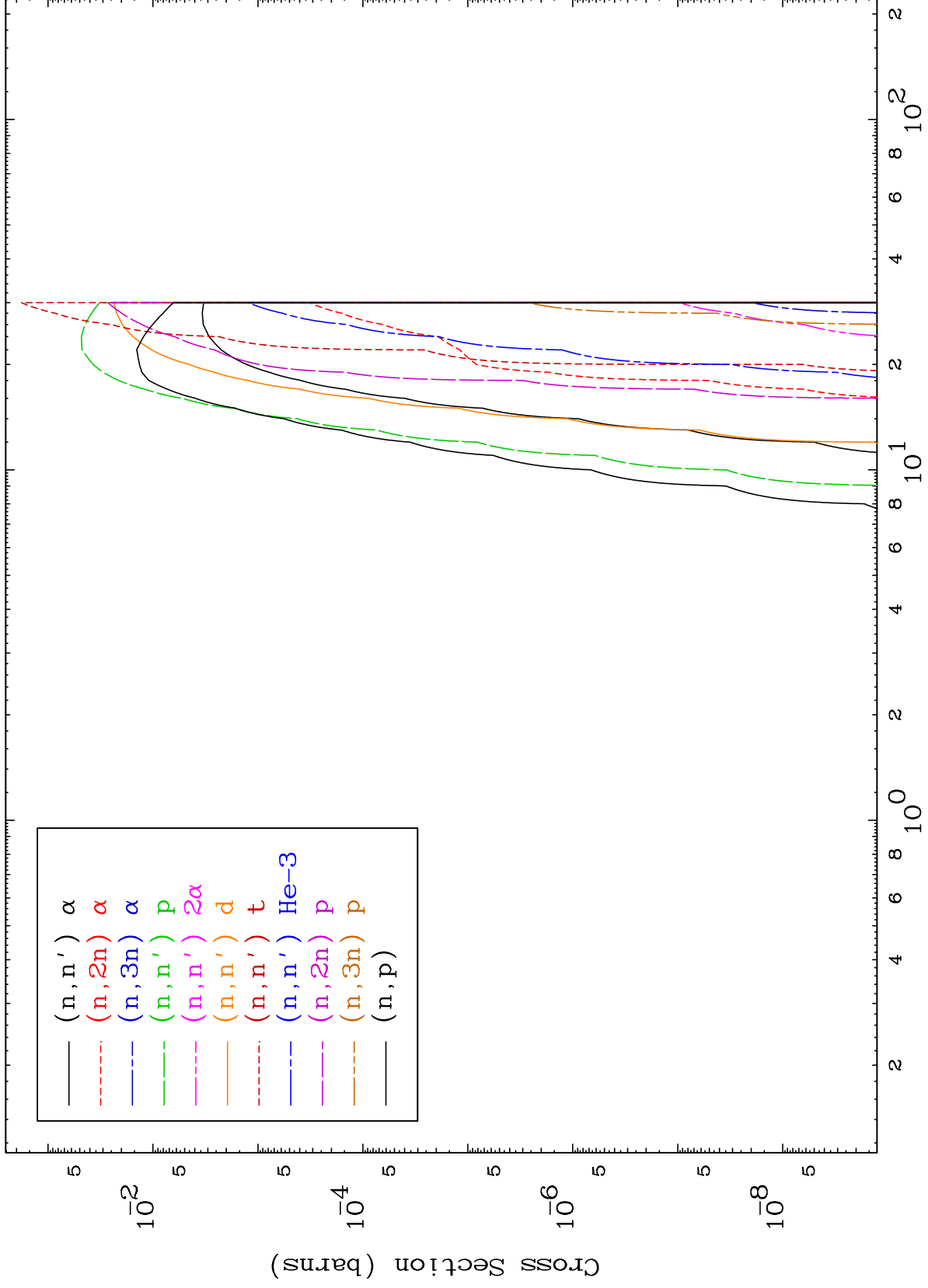
60-Nd-139



MAT 6016

He-3 Charged Particle
0 Kelvin Cross Sections

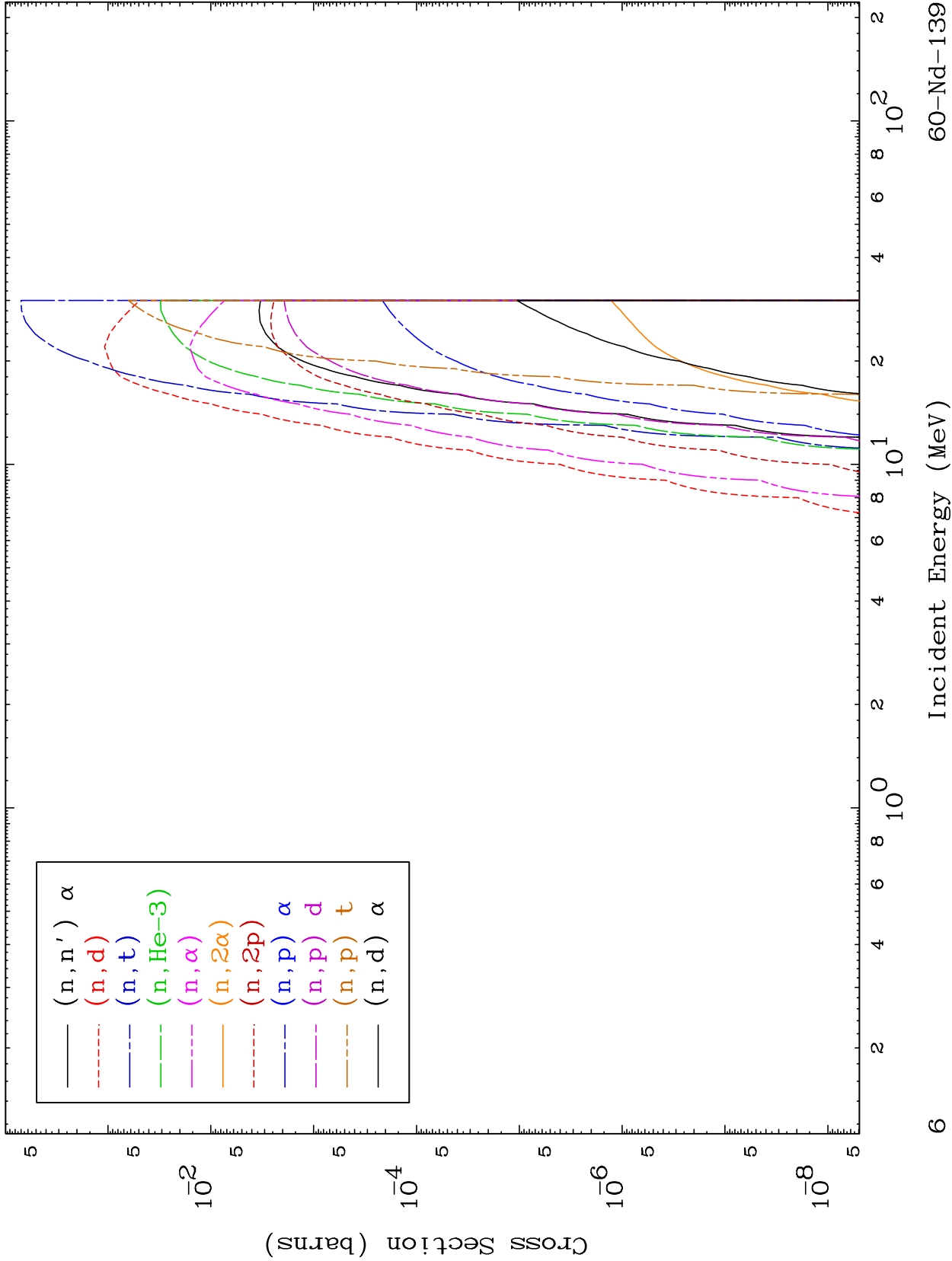
60-Nd-139



MAT 6016

He-3 Charged Particle
0 Kelvin Cross Sections

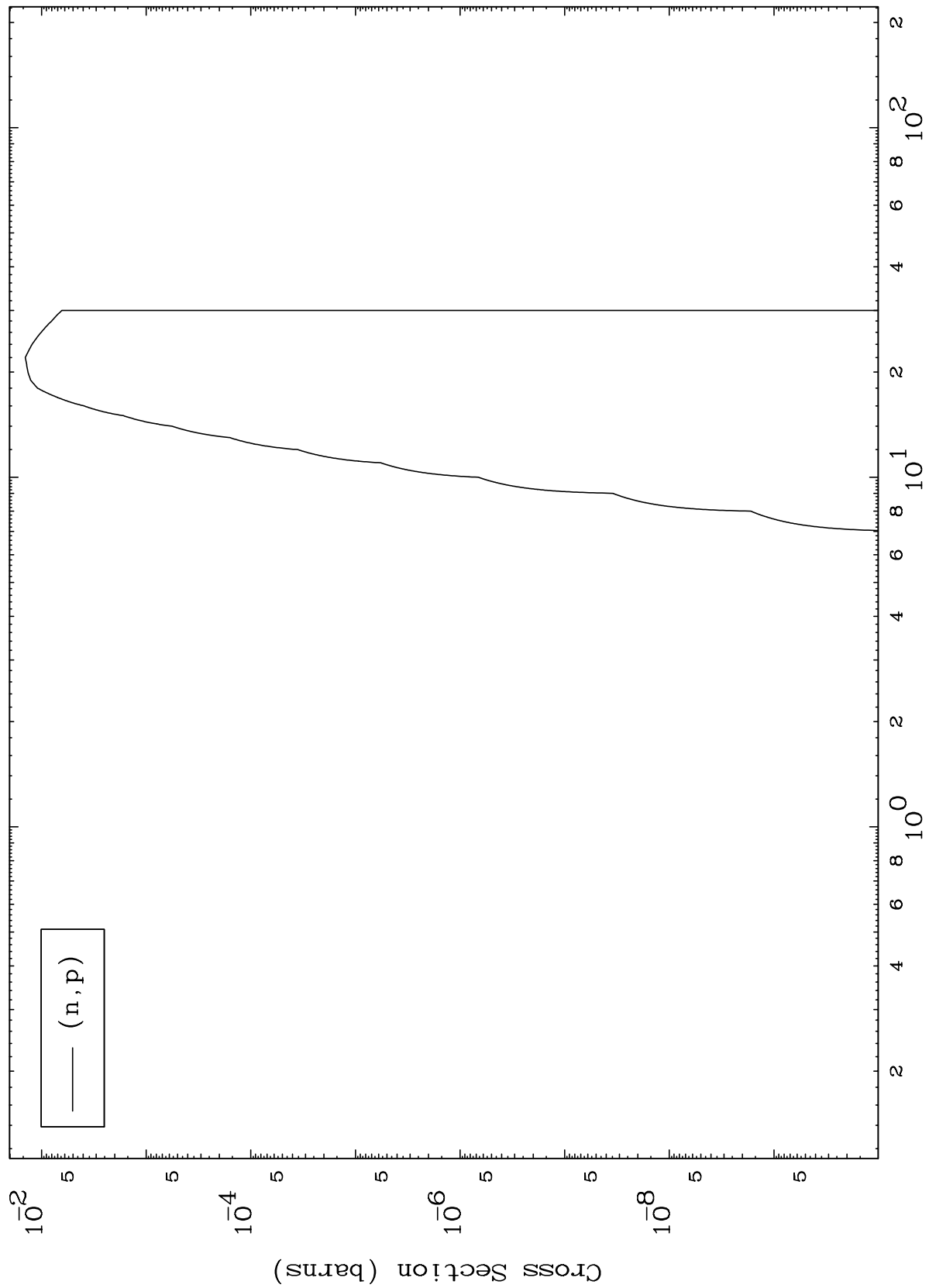
60-Nd-139



MAT 6016

60-Nd-139

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



60-Nd-139

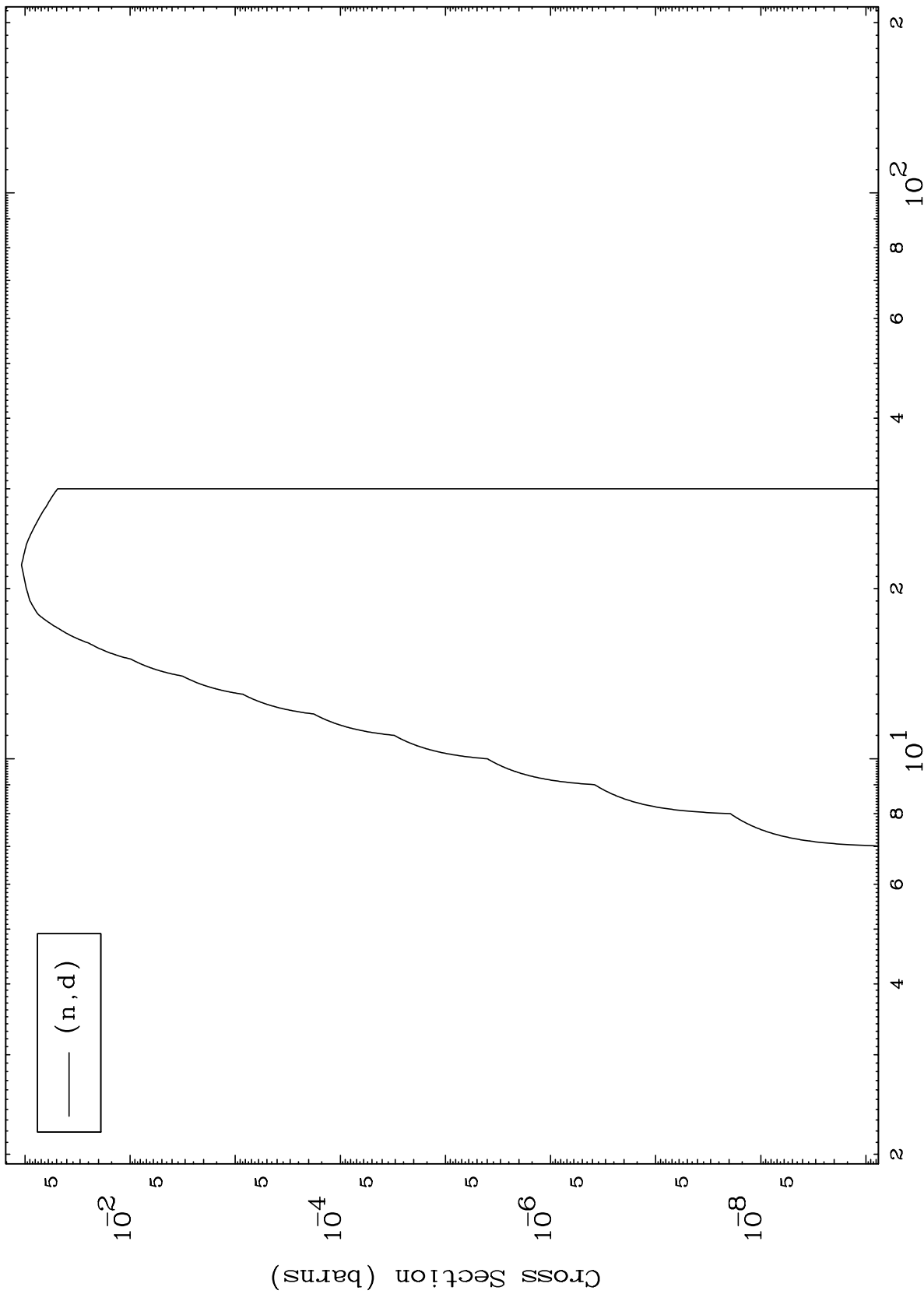
Incident Energy (MeV)

MAT 6016

(He-3,d) Levels

60-Nd-139

0 Kelvin Cross Sections



8

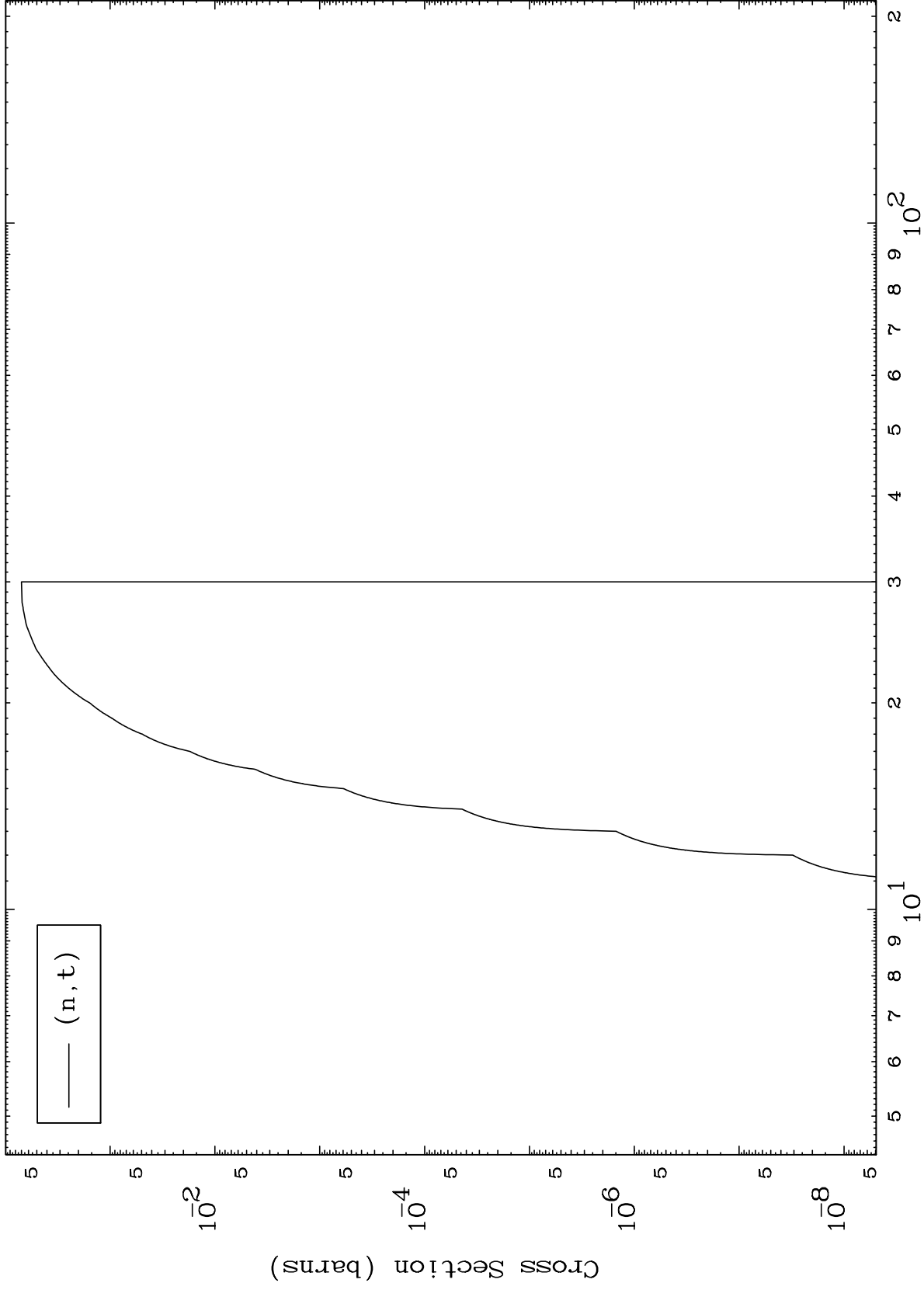
Incident Energy (MeV)

60-Nd-139

MAT 6016

60-Nd-139

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



9

Incident Energy (MeV)

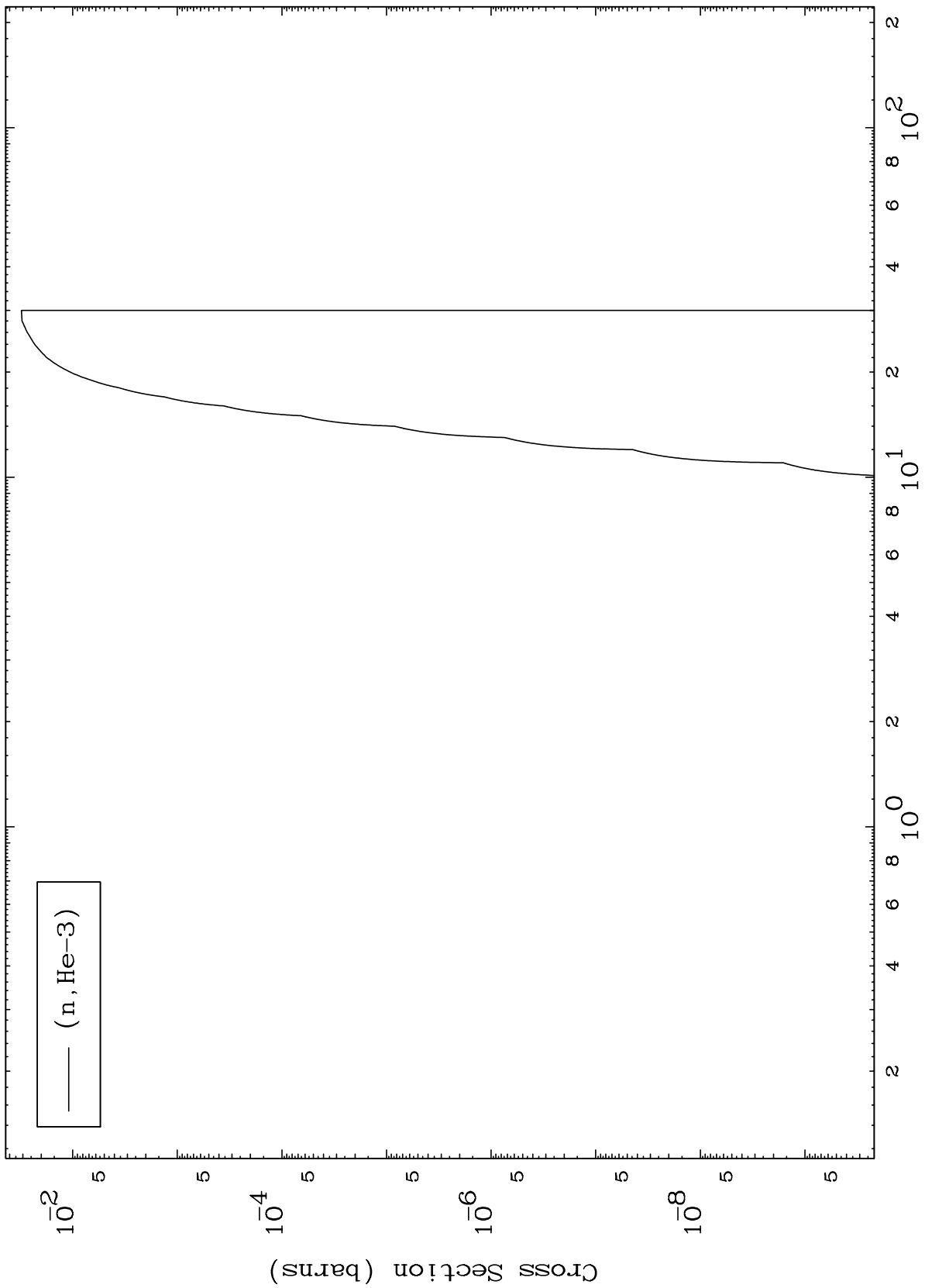
60-Nd-139

MAT 6016

(He-3, He3) Levels

60-Nd-139

0 Kelvin Cross Sections



10

Incident Energy (MeV)

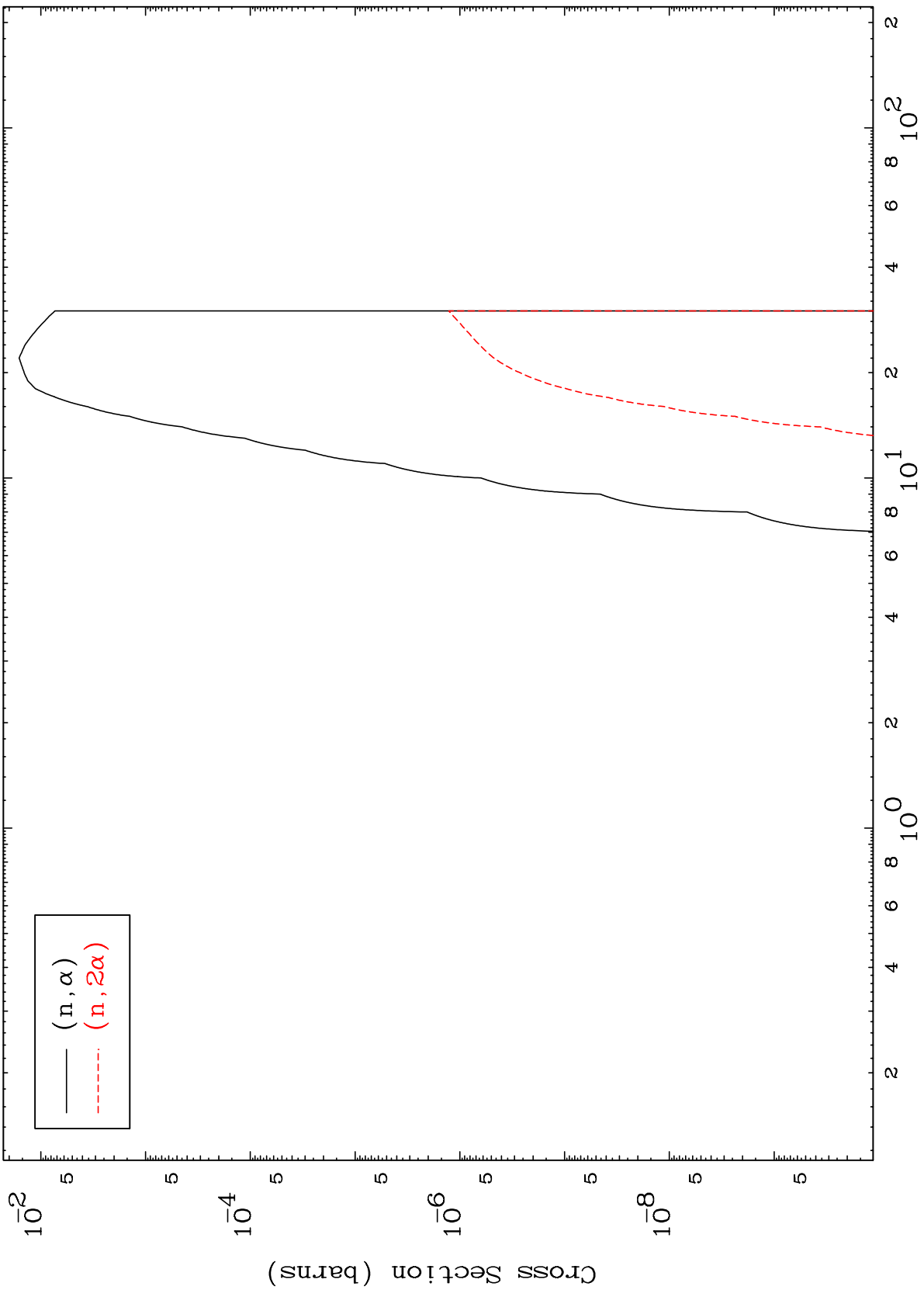
60-Nd-139

MAT 6016

(He-3, α) Levels

60-Nd-139

0 Kelvin Cross Sections

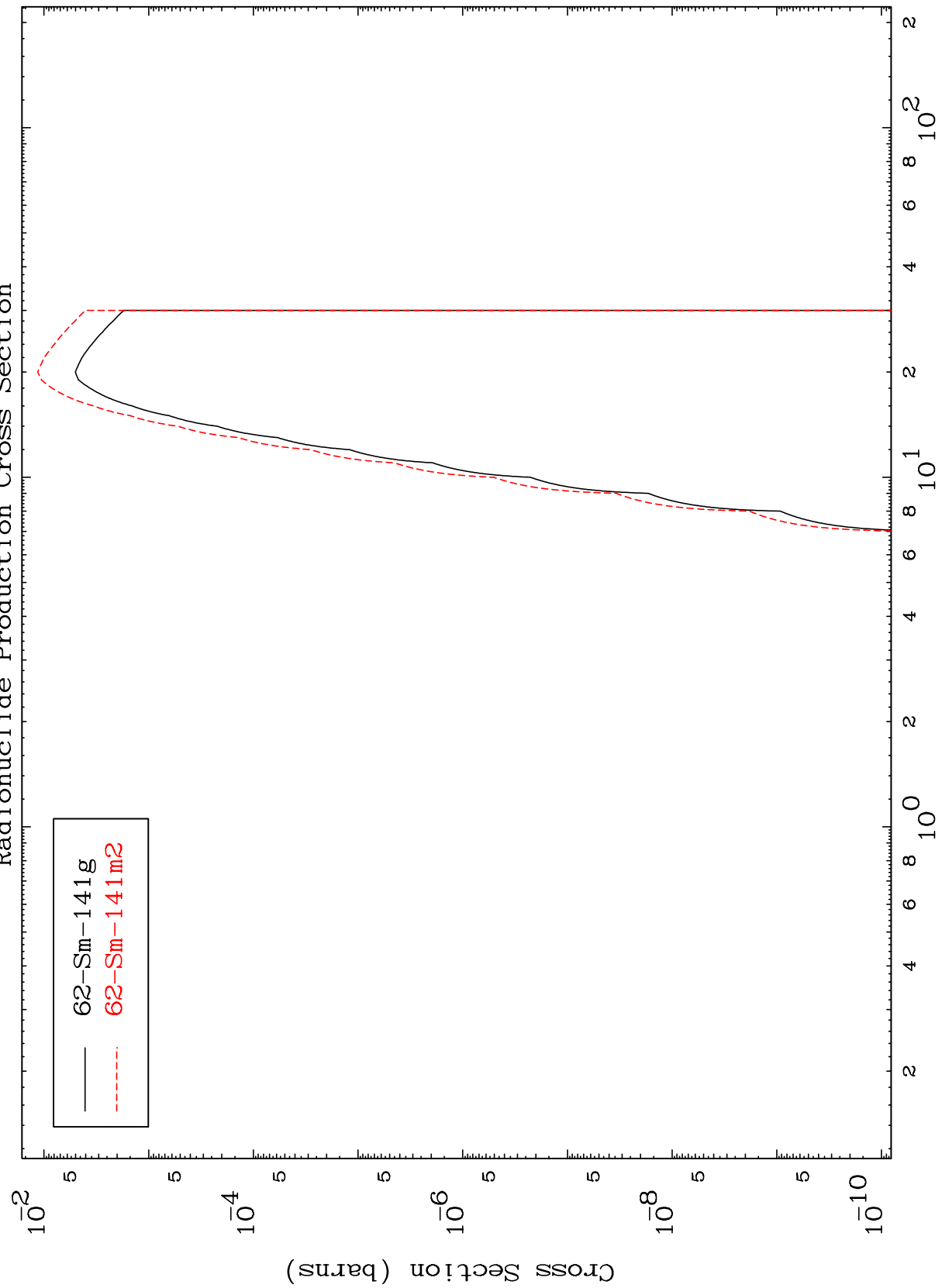


— (n, α)
- - - $(n, 2\alpha)$

MAT 6016

60-Nd-139

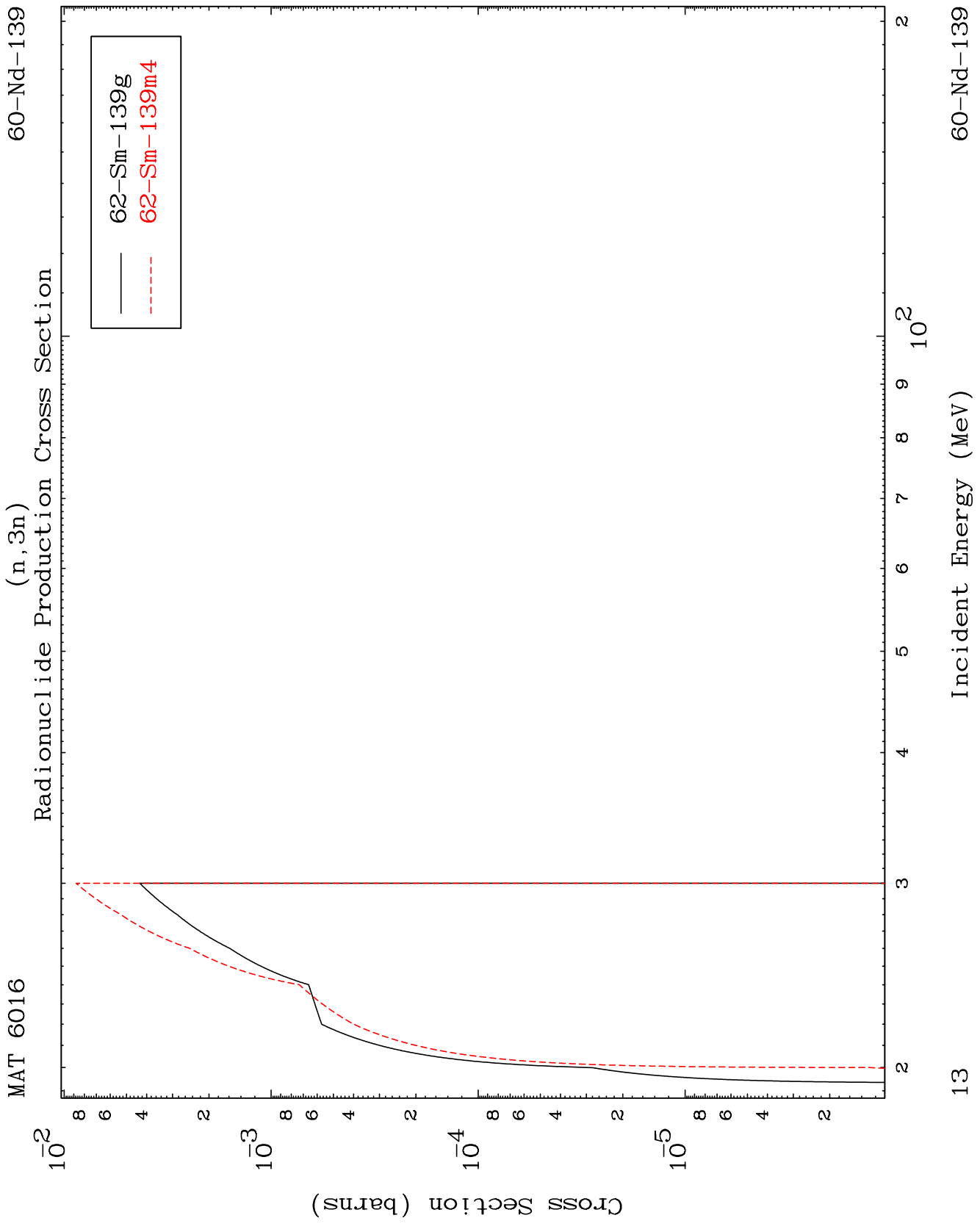
Inelastic
Radionuclide Production Cross Section



60-Nd-139

Incident Energy (MeV)

12

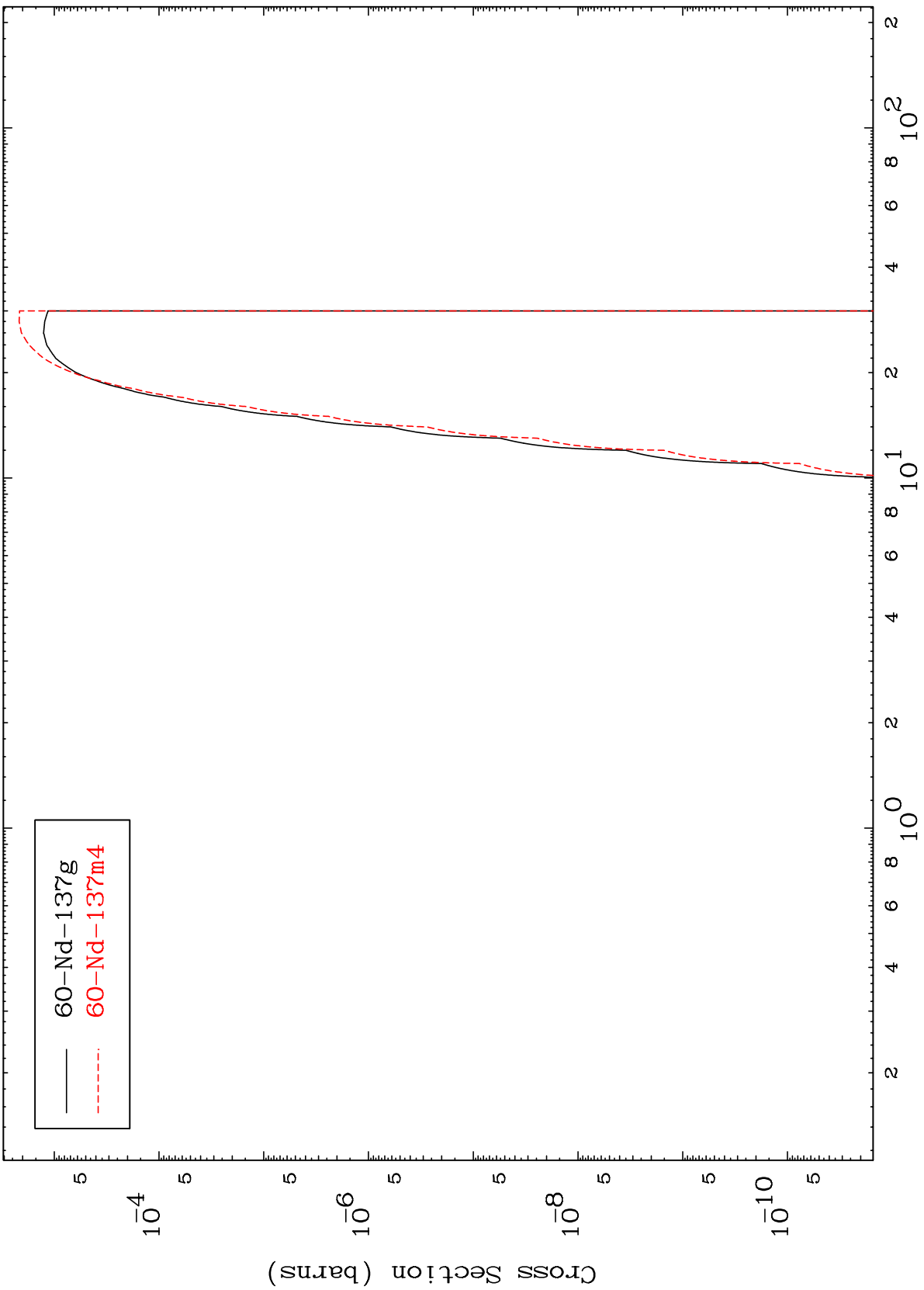


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$(n, n') \alpha$

60-Nd-139

Radionuclide Production Cross Section

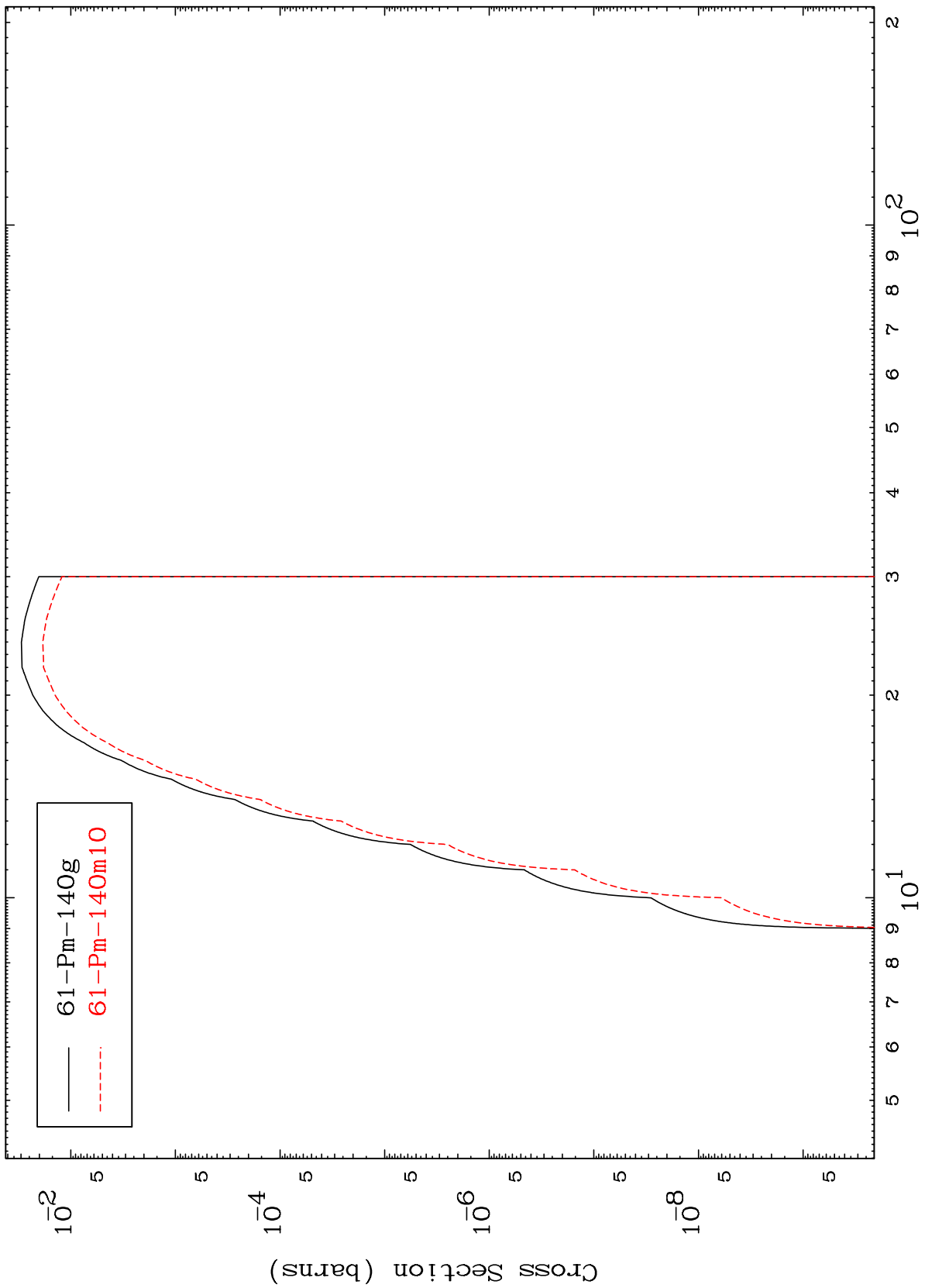


MAT 6016

(n,n') p

60-Nd-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

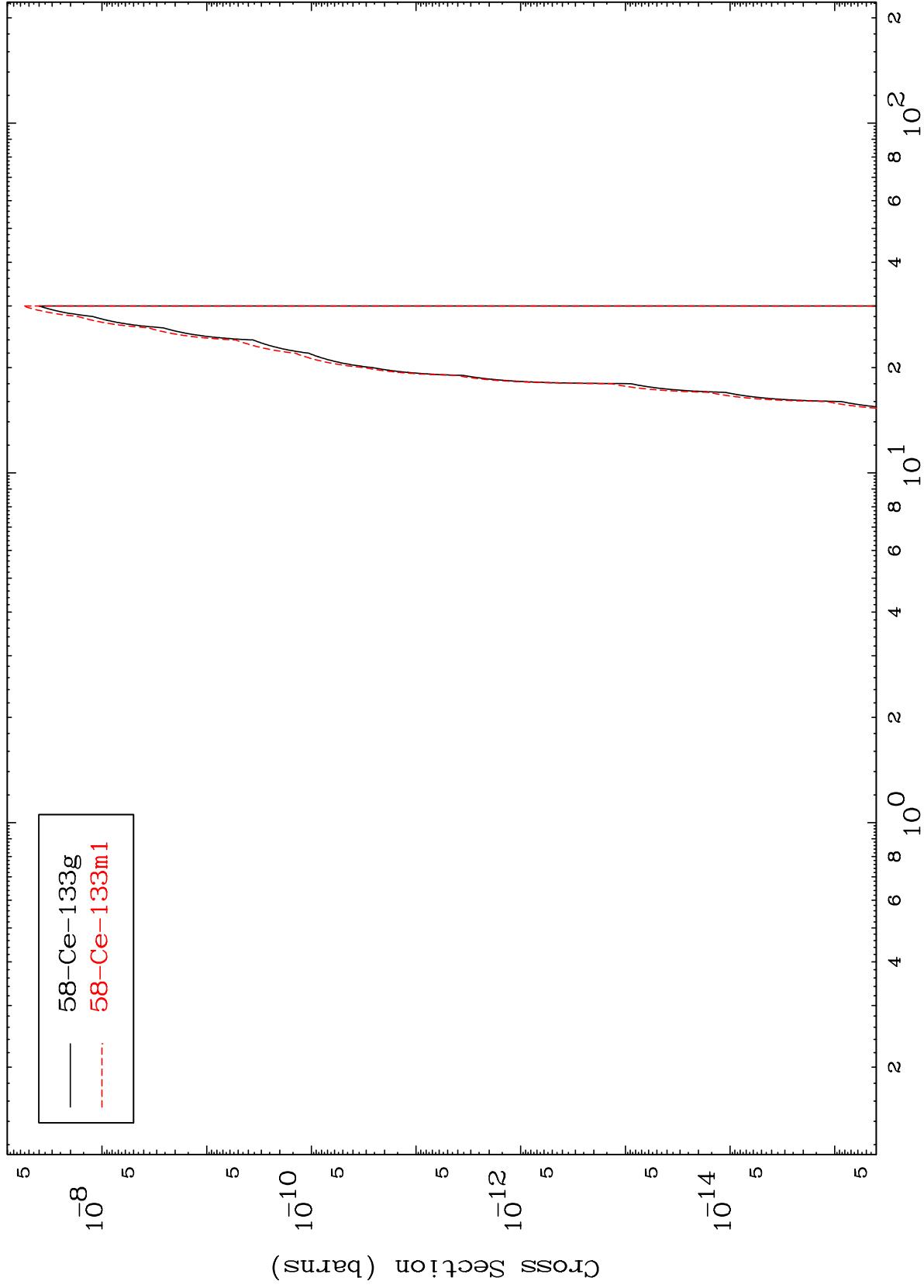
60-Nd-139

MAT 6016

(n,n') 2α

60-Nd-139

Radionuclide Production Cross Section



16

Incident Energy (MeV)

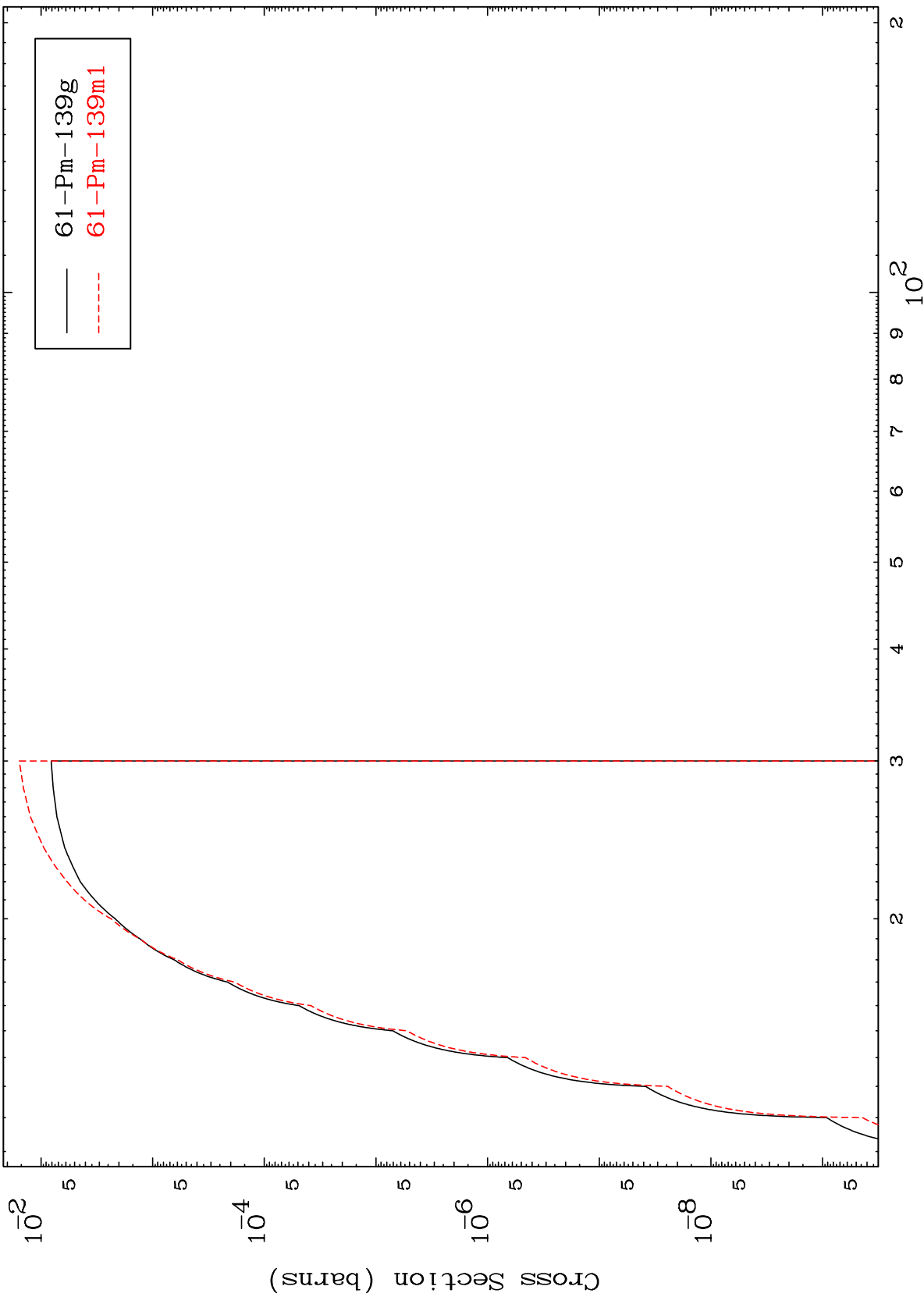
60-Nd-139

MAT 6016

(n,n') d

60-Nd-139

Radionuclide Production Cross Section



17

Incident Energy (MeV)

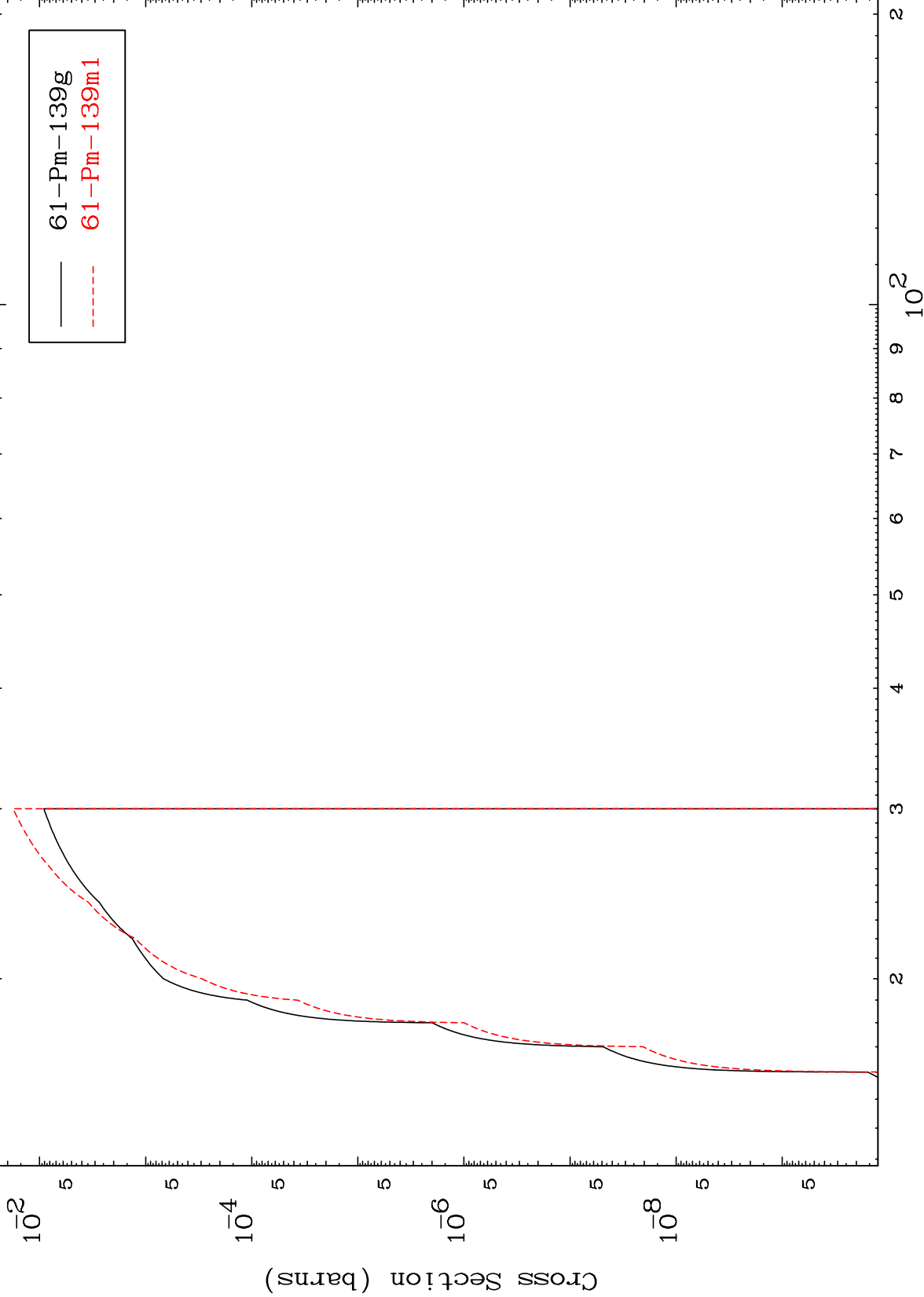
60-Nd-139

MAT 6016

(n,2n) p

60-Nd-139

Radionuclide Production Cross Section



61-Pm-139g
61-Pm-139m1

18

Incident Energy (MeV)

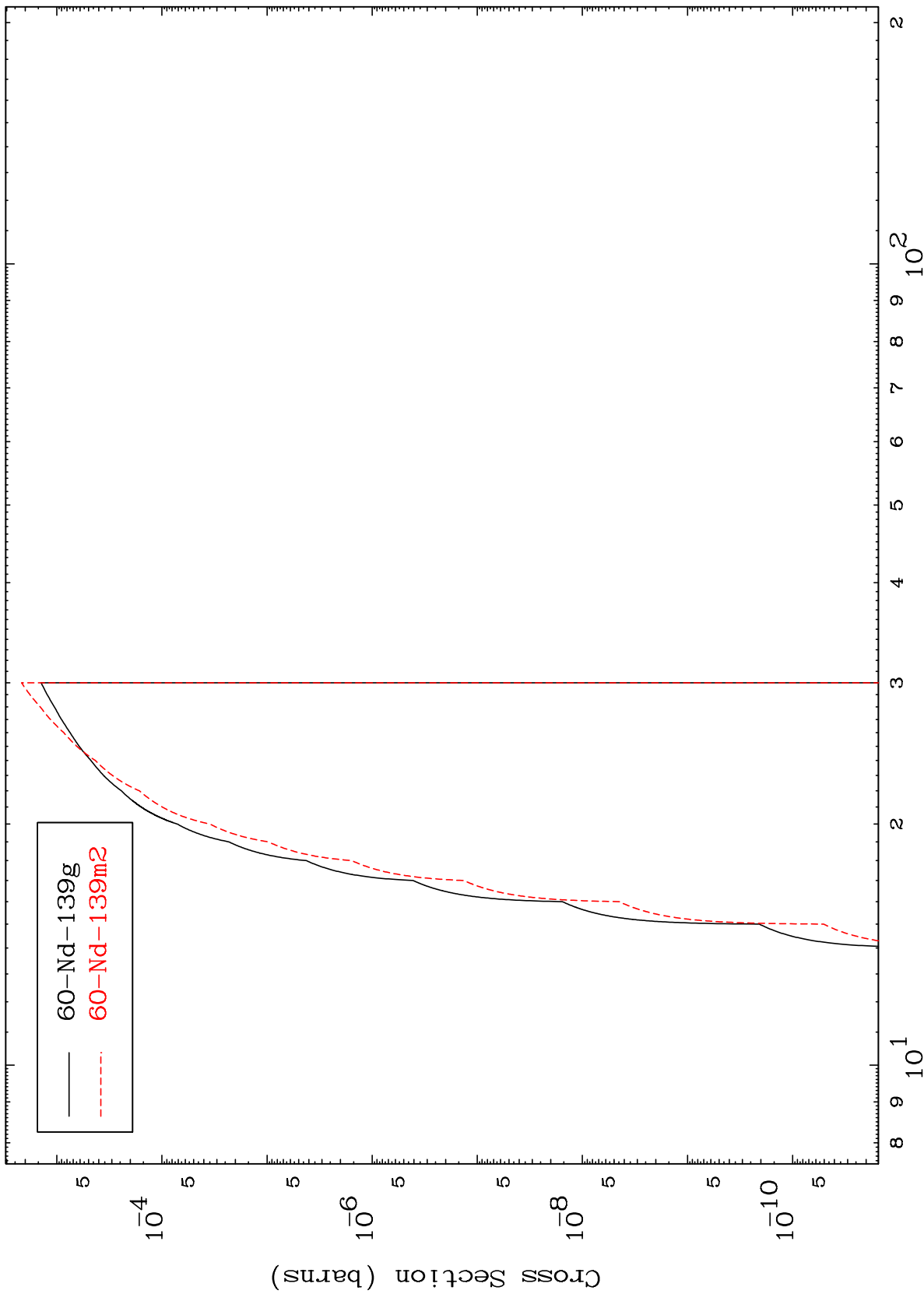
60-Nd-139

MAT 6016

(n,2n) p

60-Nd-139

Radionuclide Production Cross Section



19

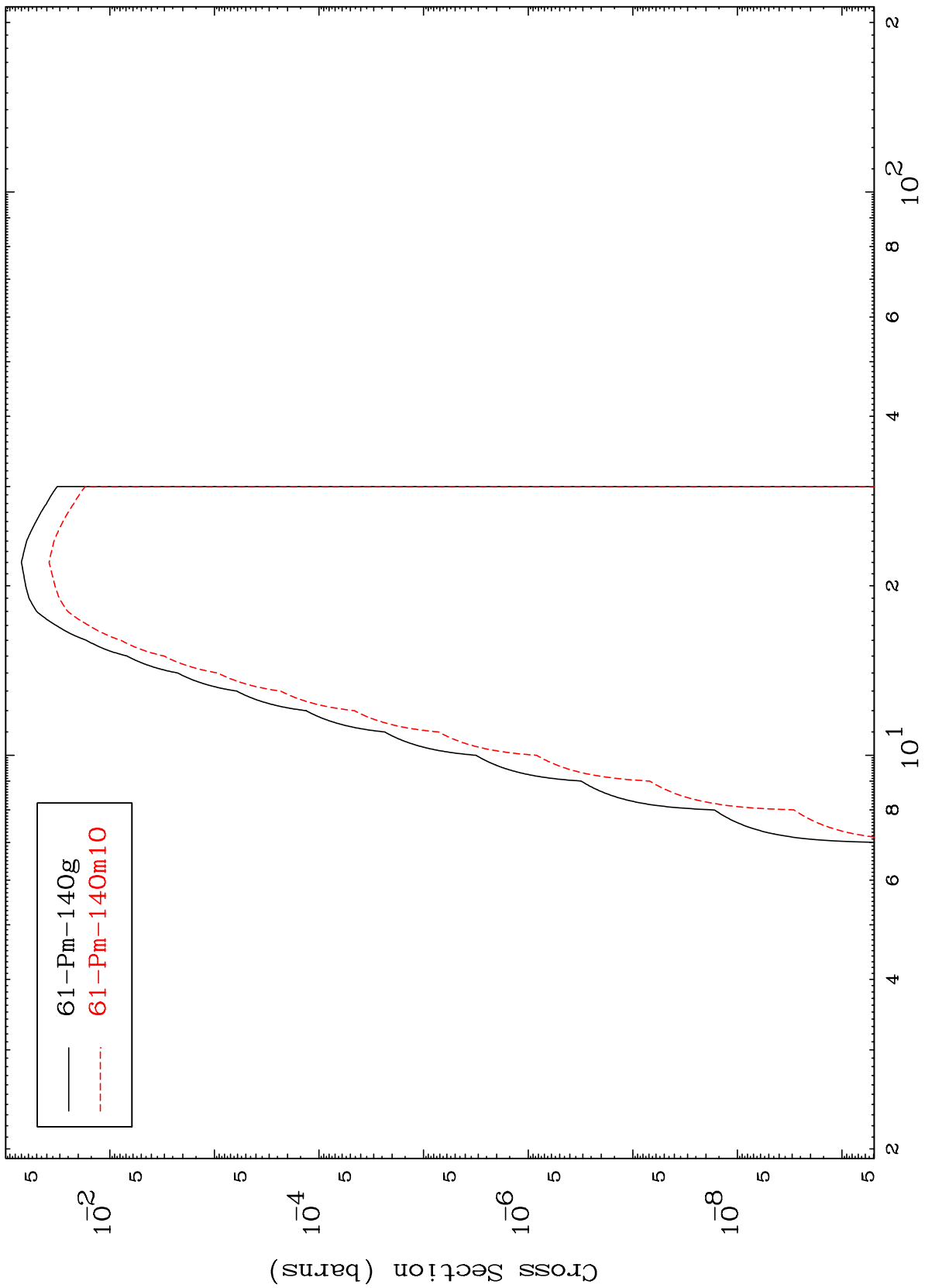
Incident Energy (MeV)

60-Nd-139

MAT 6016

60-Nd-139

(n,d)
Radionuclide Production Cross Section



— 61-Pm-140g
- - - 61-Pm-140m10

60-Nd-139

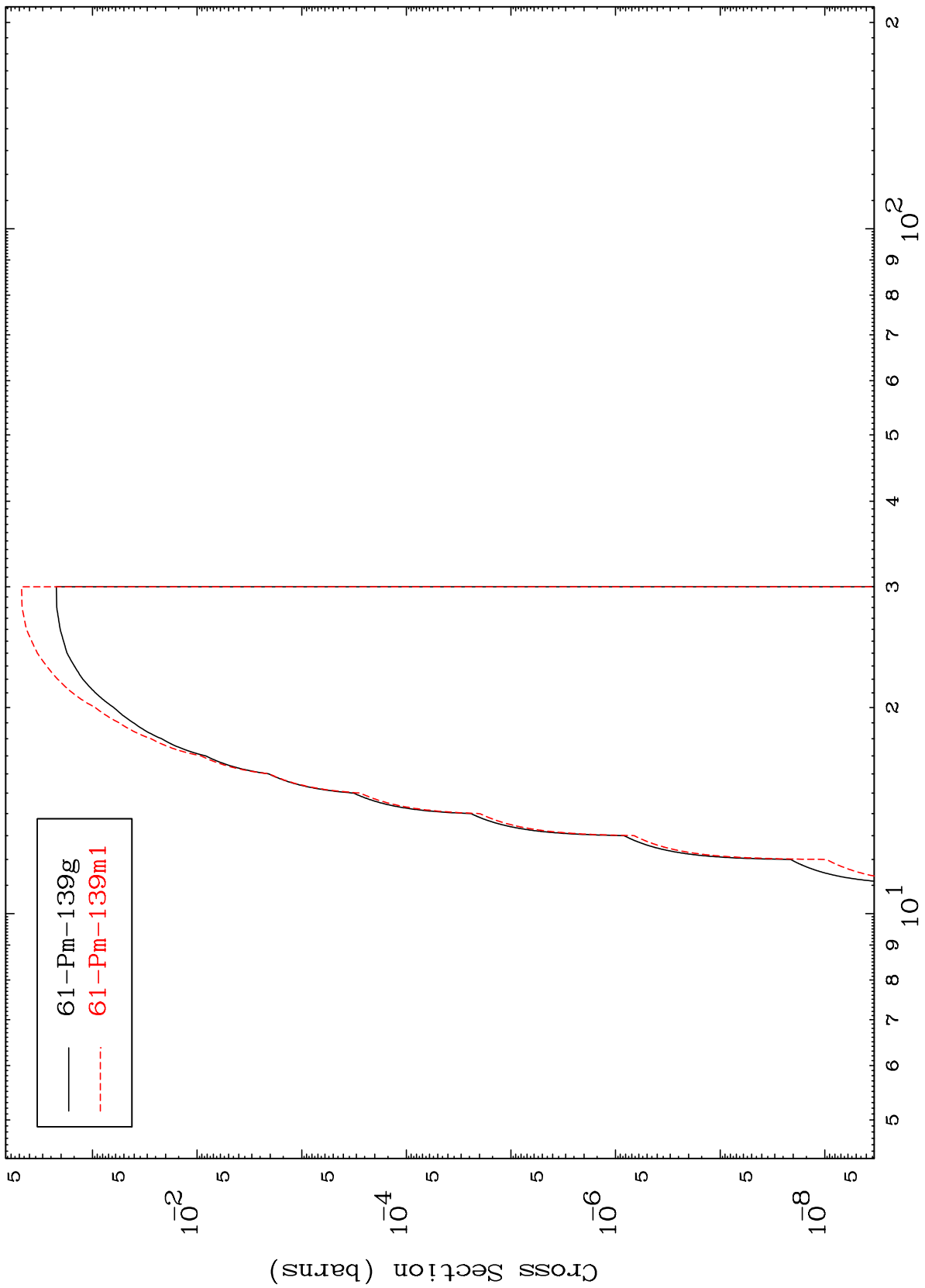
Incident Energy (MeV)

20

MAT 6016

60-Nd-139

(n, t)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

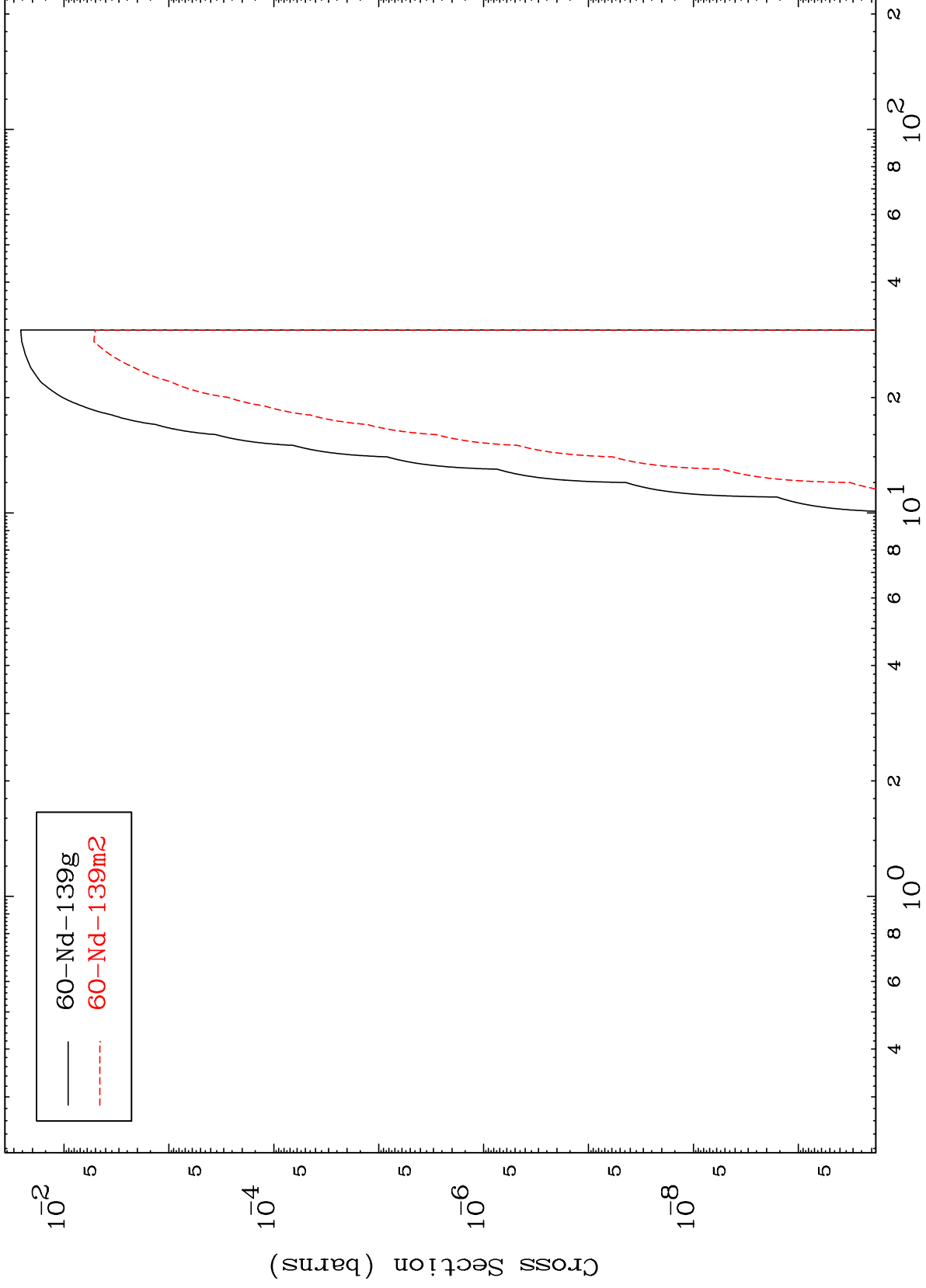
60-Nd-139

MAT 6016

(n,He-3)

60-Nd-139

Radionuclide Production Cross Section

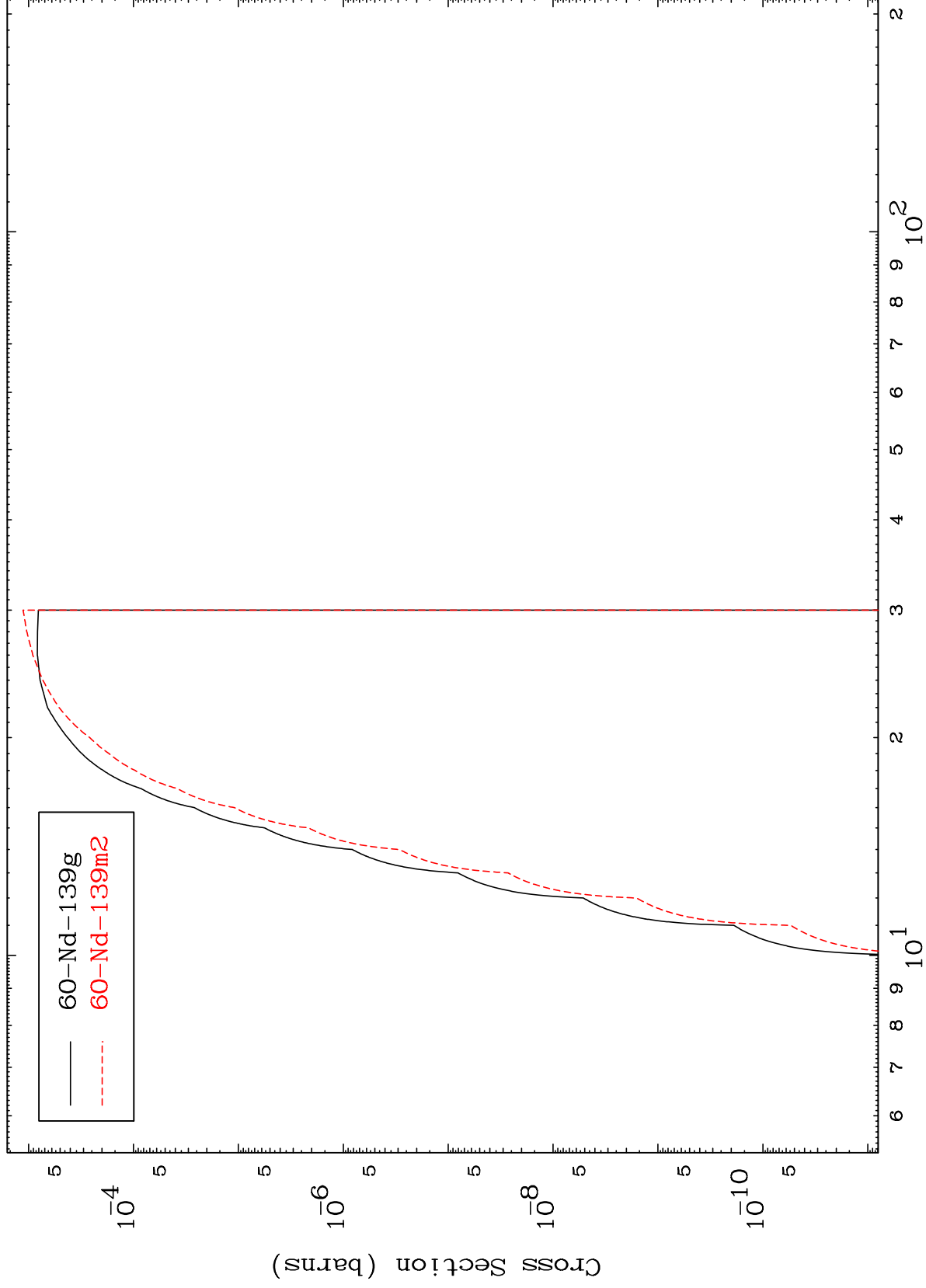


MAT 6016

(n,p) d

⁶⁰Nd-139

Radionuclide Production Cross Section



23

Incident Energy (MeV)

⁶⁰Nd-139