

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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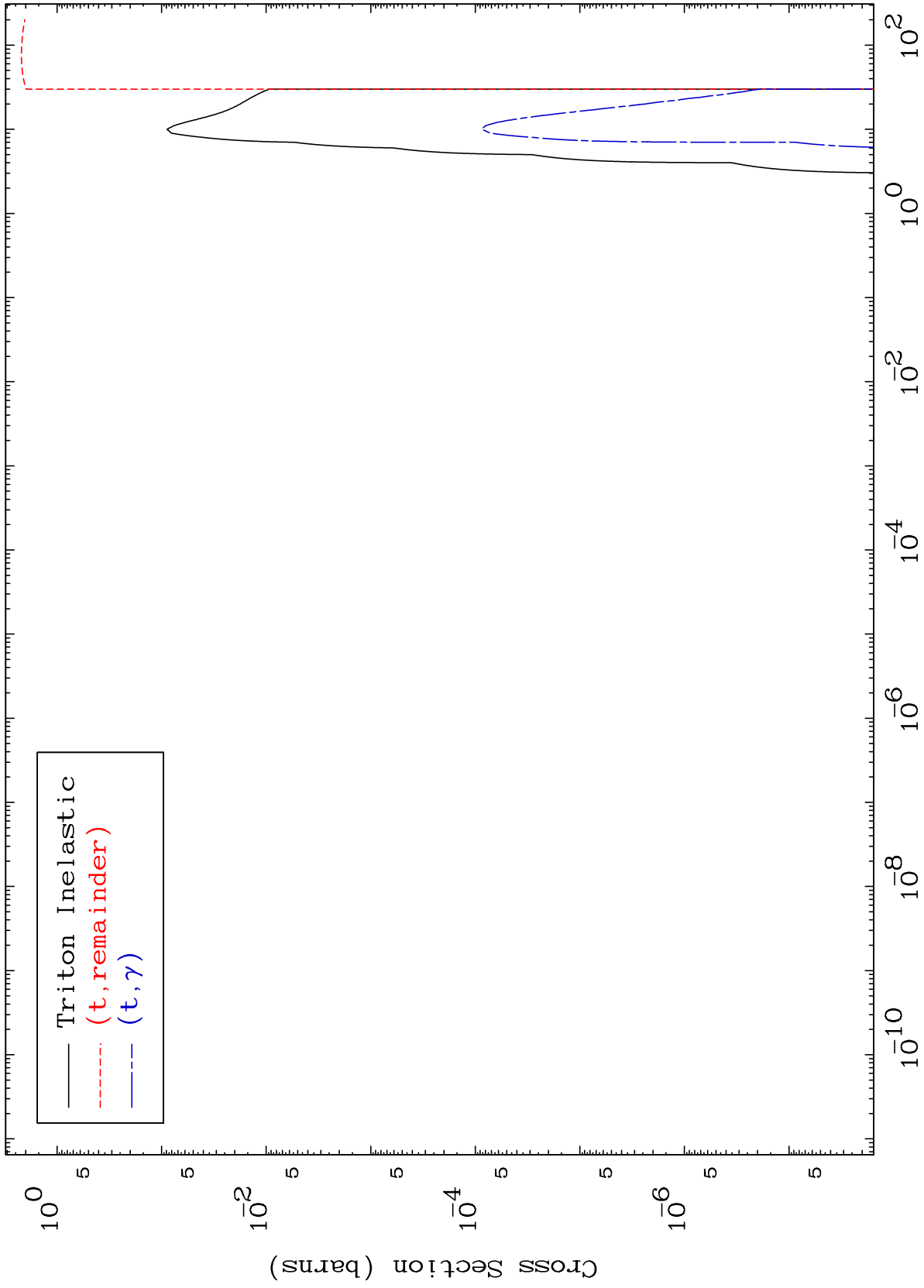
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6017

Triton Major
0 Kelvin Cross Sections

60-Nd-139



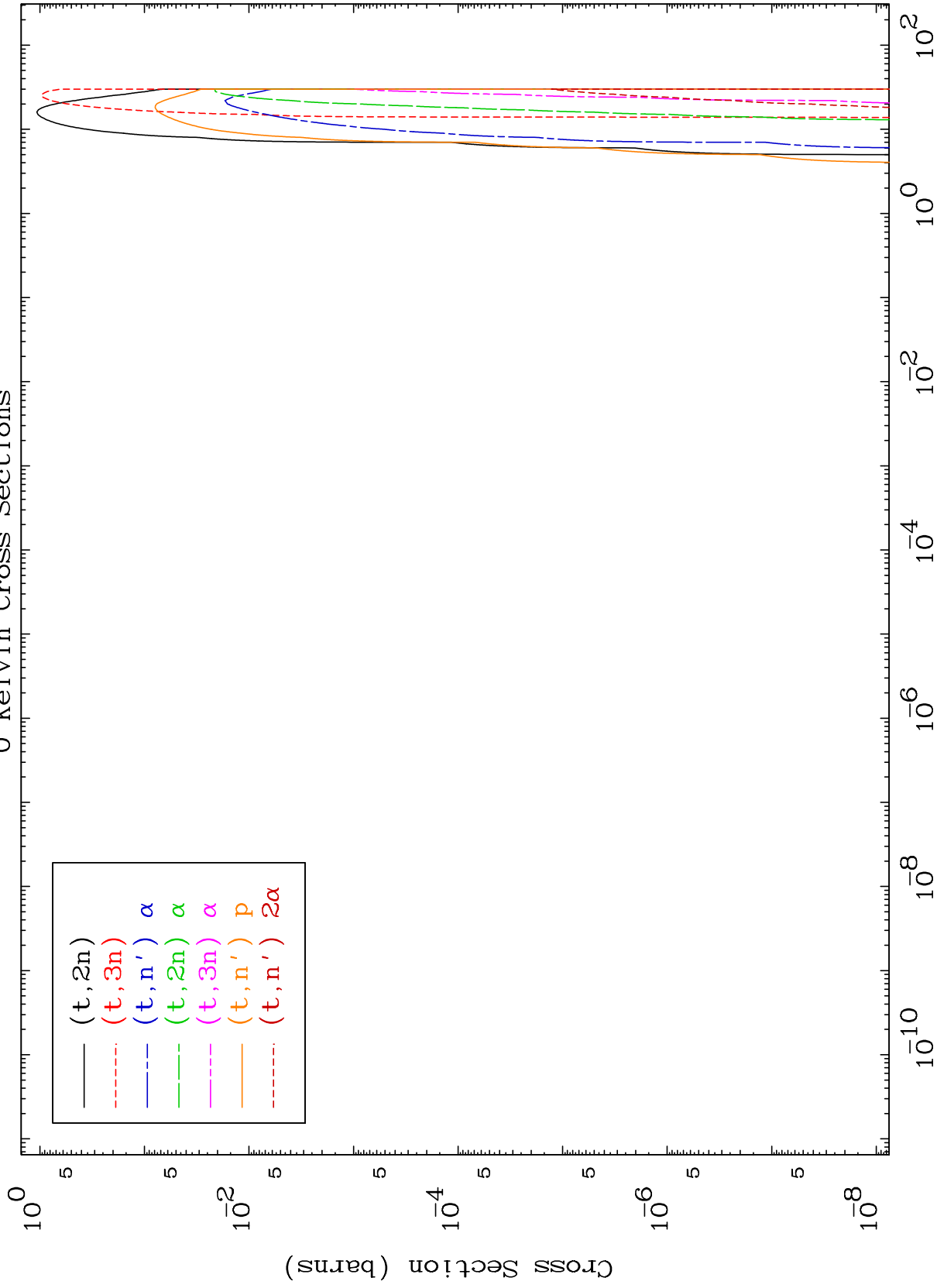
1

60-Nd-139

MAT 6017

Triton Neutron Production
0 Kelvin Cross Sections

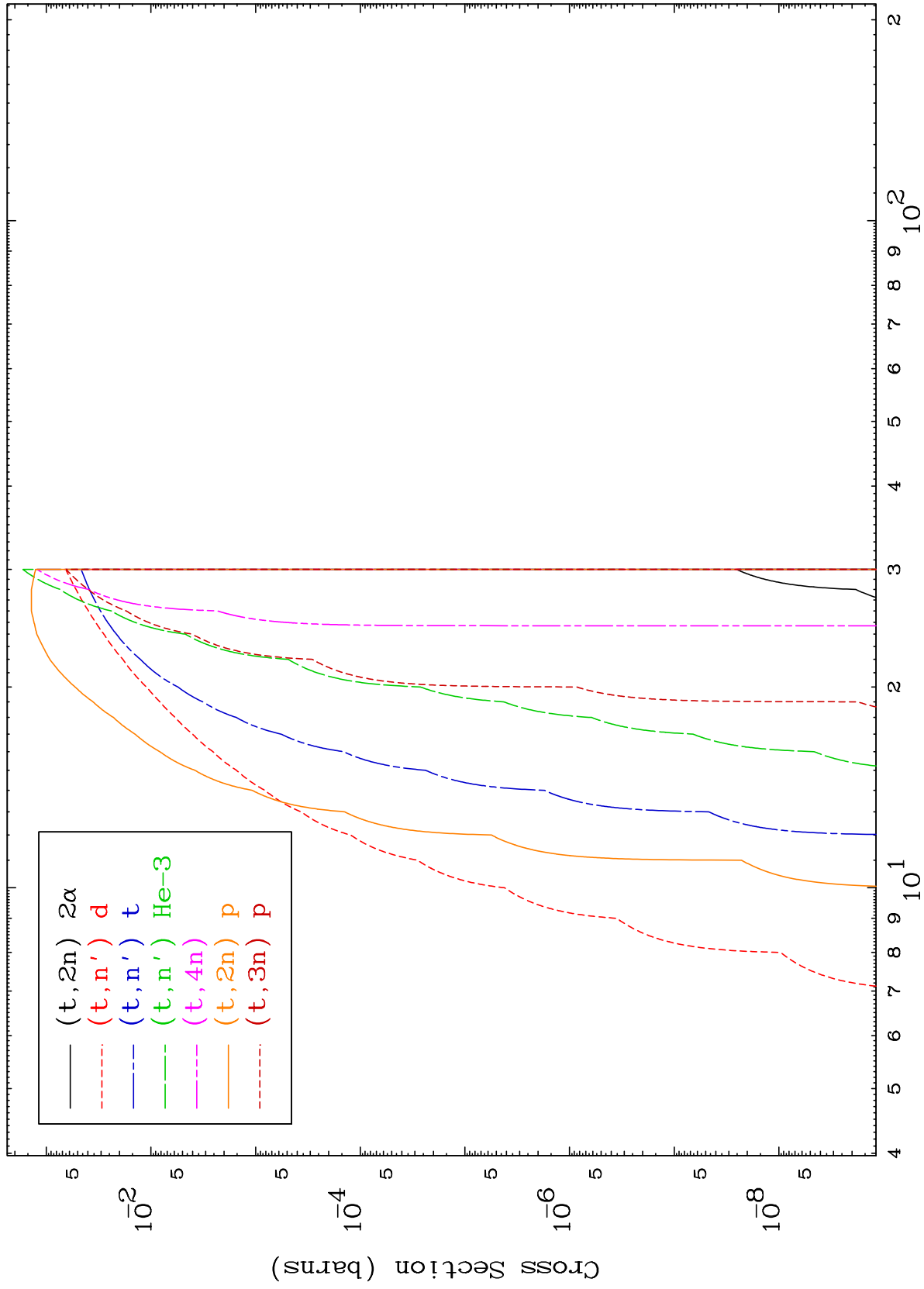
60-Nd-139



2

Incident Energy (MeV)

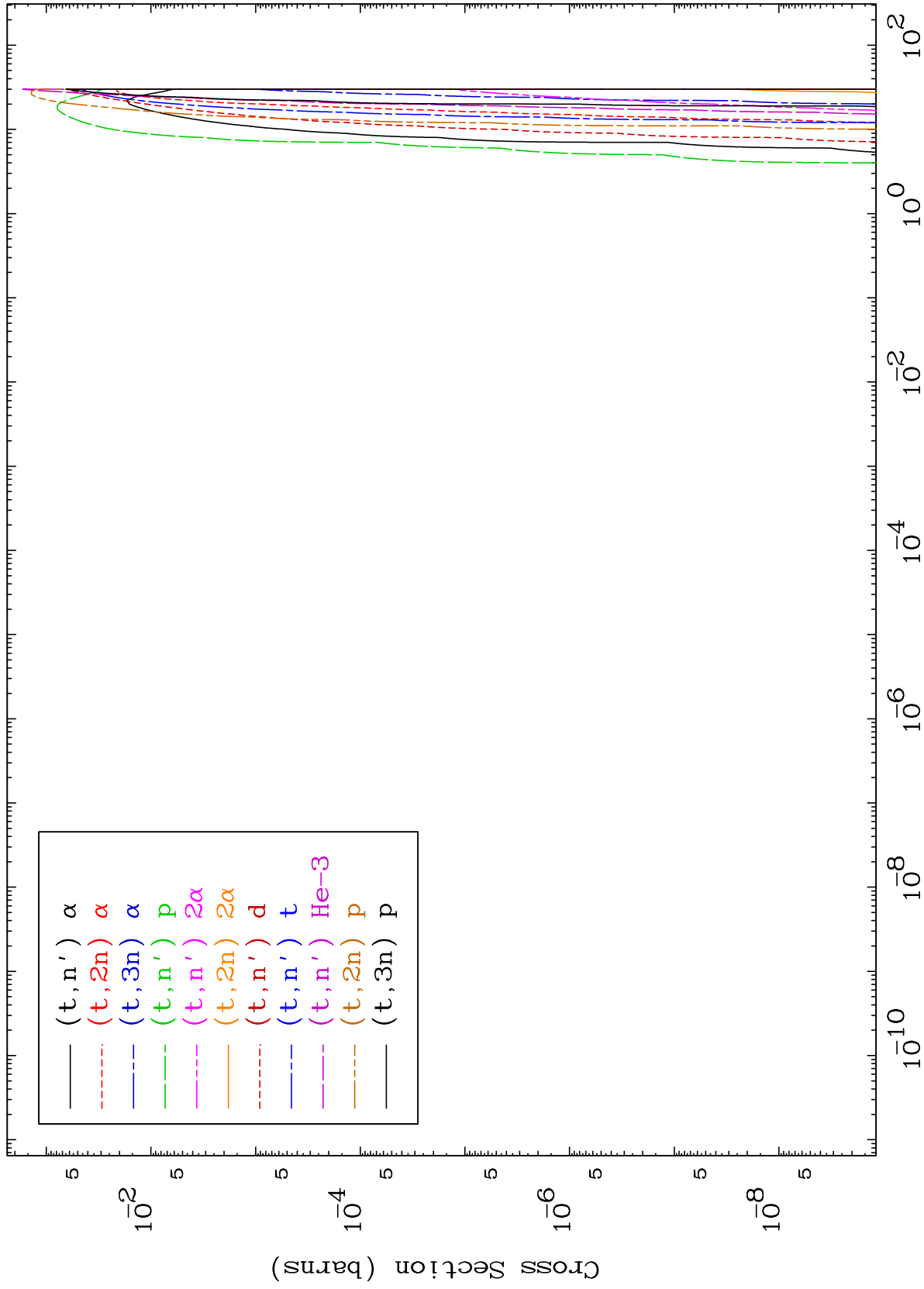
60-Nd-139



MAT 6017

Triton Charged Particle
0 Kelvin Cross Sections

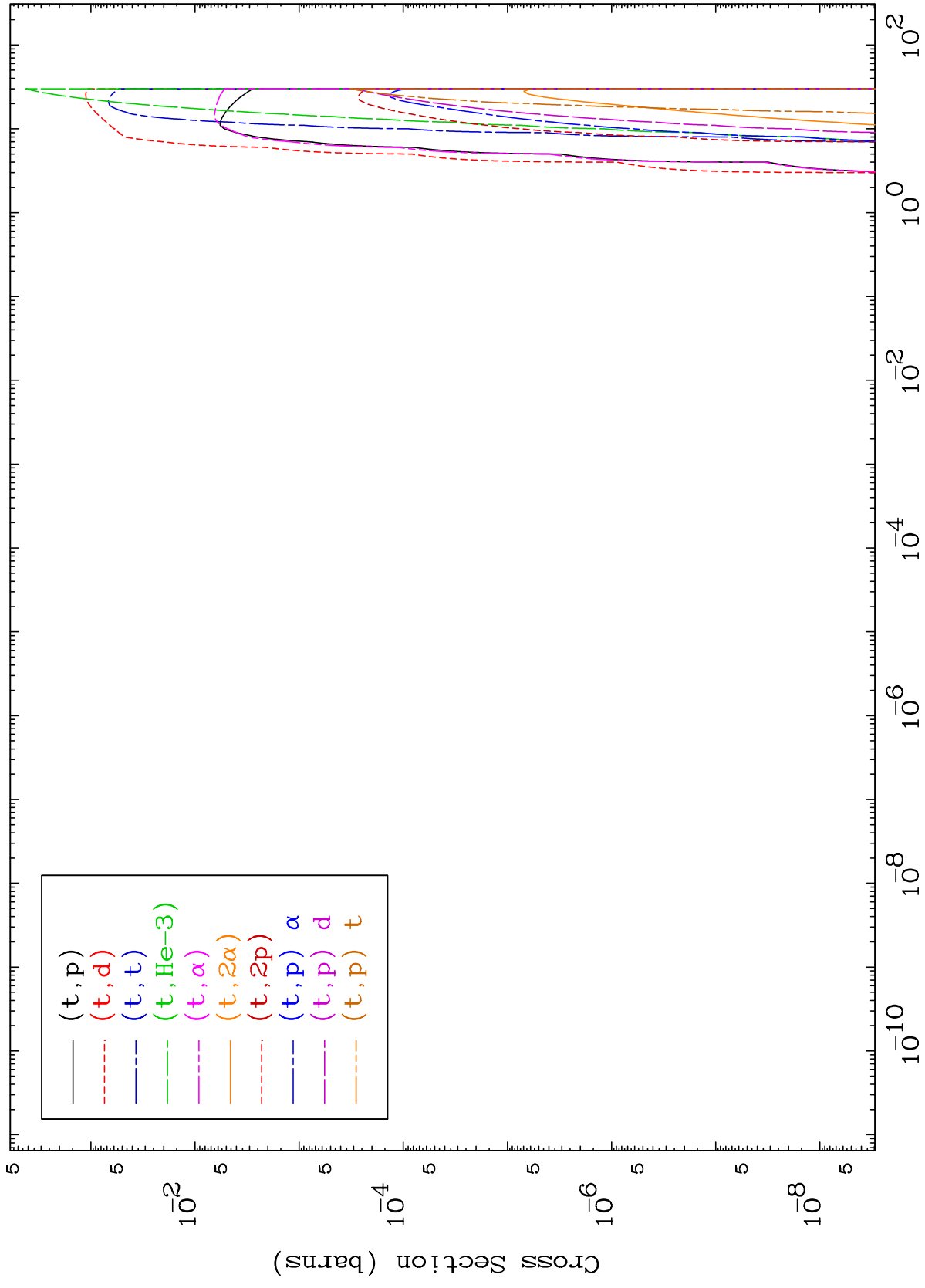
60-Nd-139



MAT 6017

Triton Charged Particle
0 Kelvin Cross Sections

60-Nd-139



5

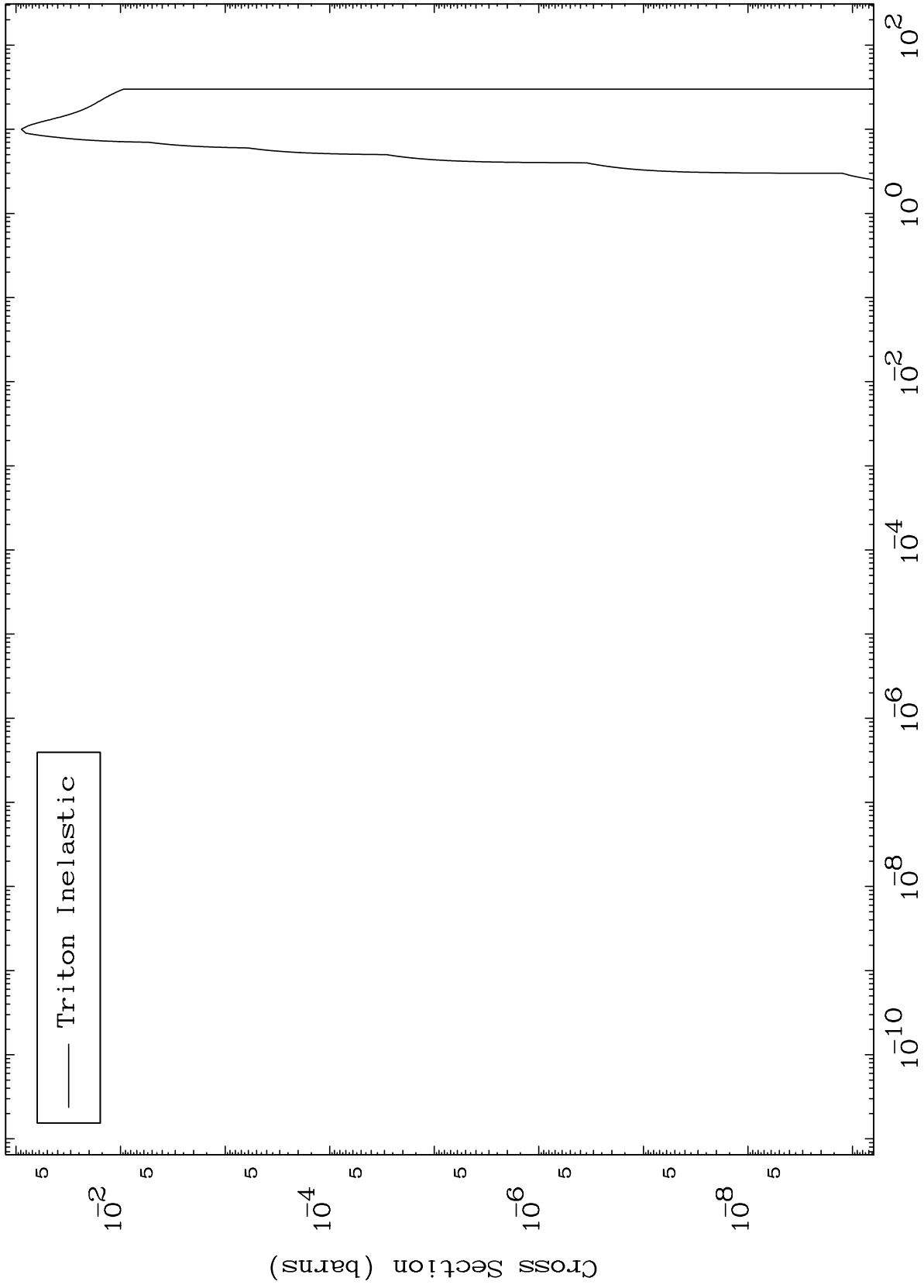
Incident Energy (MeV)

60-Nd-139

MAT 6017

(t,n') Level
0 Kelvin Cross Sections

60-Nd-139



6

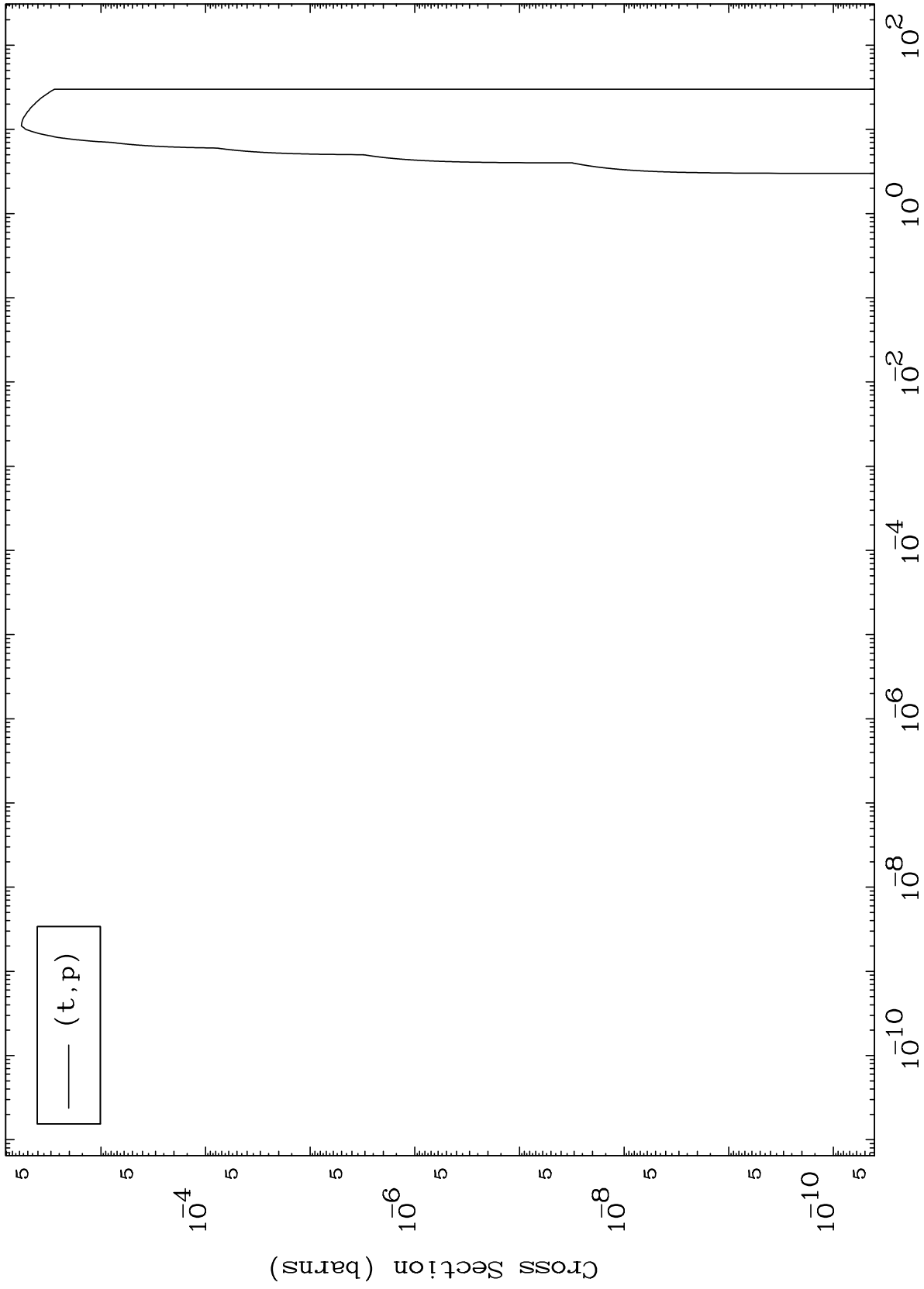
Incident Energy (MeV)

60-Nd-139

MAT 6017.

(t,p) Levels
0 Kelvin Cross Sections

60-Nd-139



7

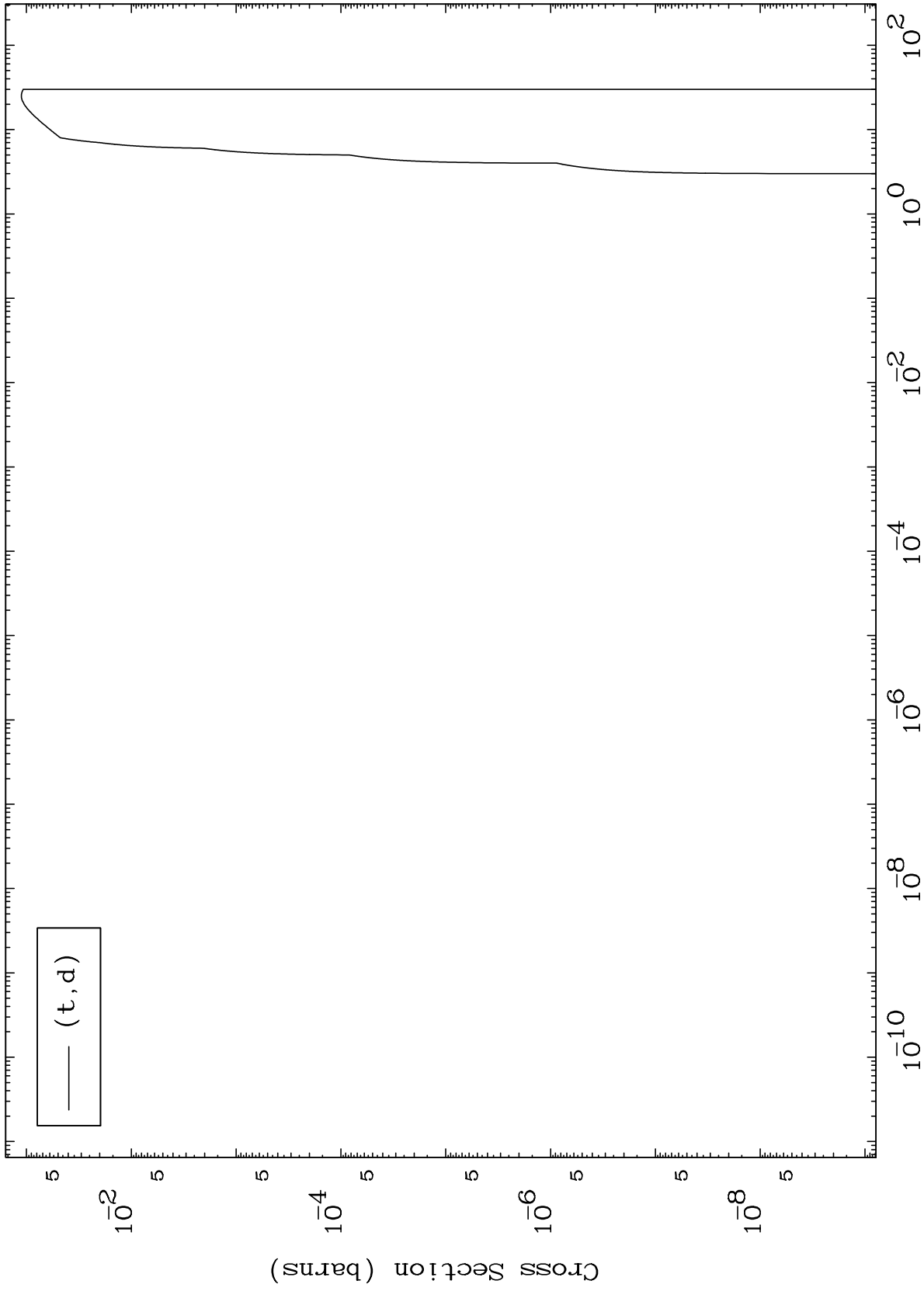
Incident Energy (MeV)

60-Nd-139

MAT 6017.

(t,d) Levels
0 Kelvin Cross Sections

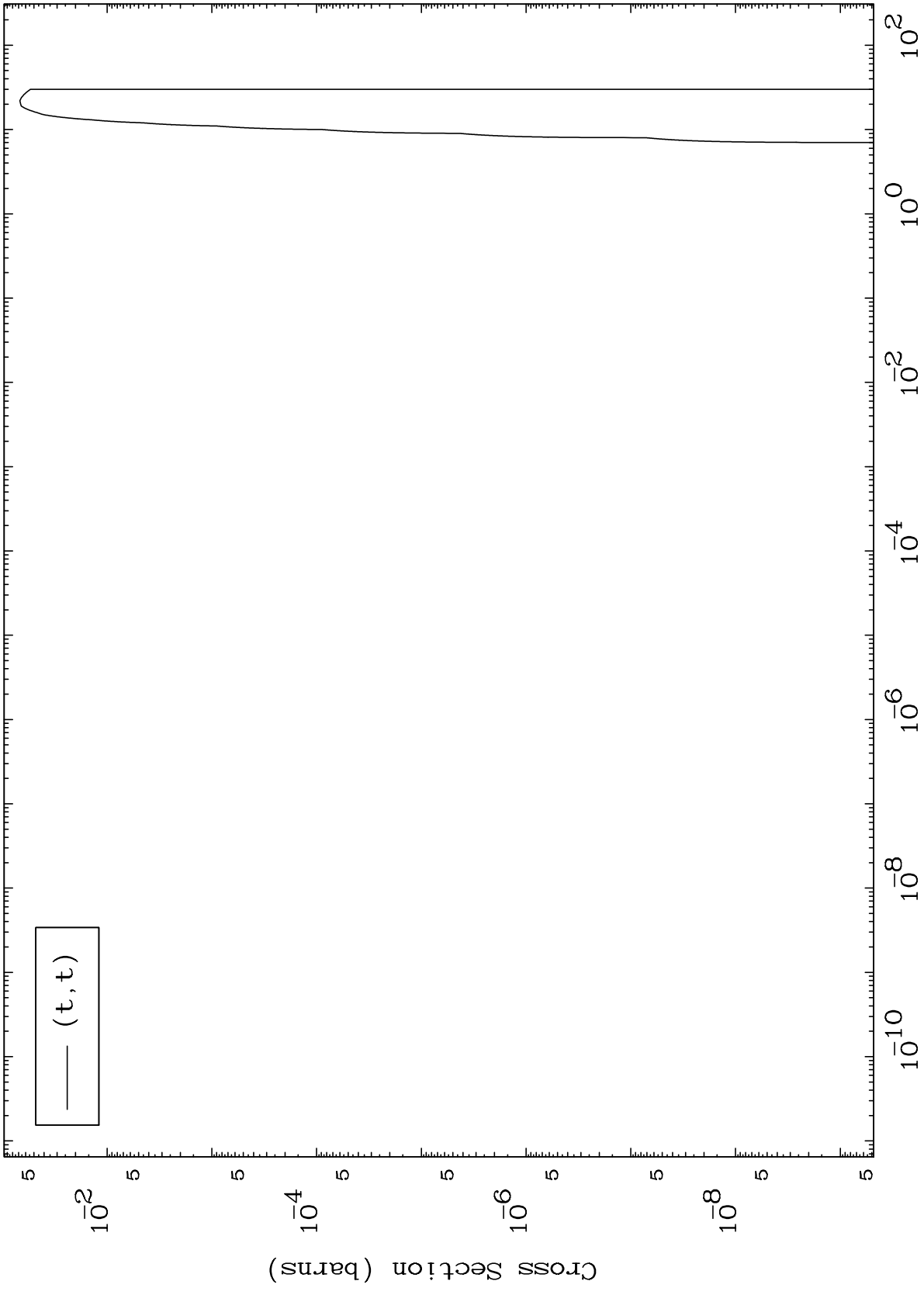
60-Nd-139



MAT 6017

(t,t) Levels
0 Kelvin Cross Sections

60-Nd-139

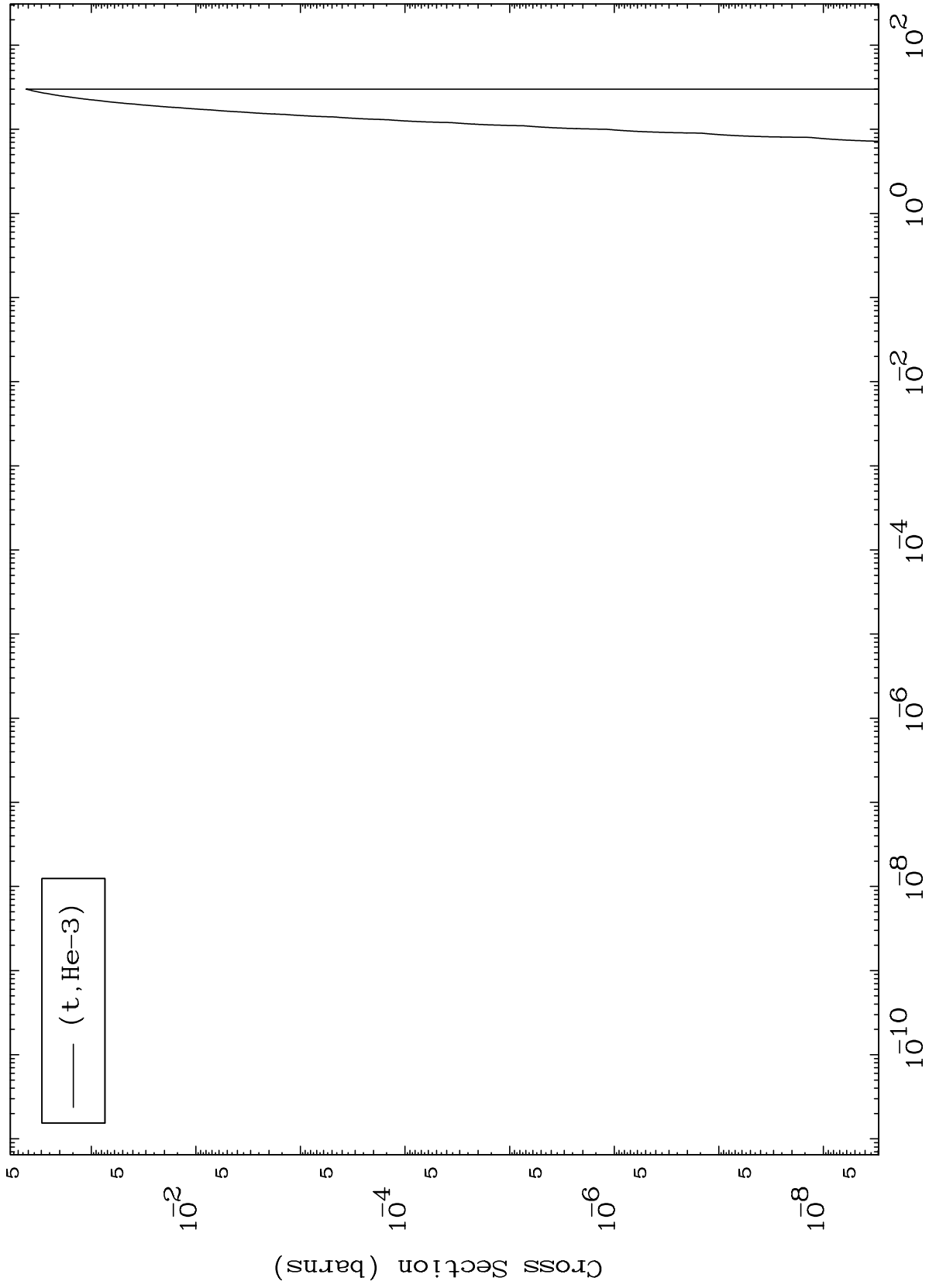


60-Nd-139

MAT 6017

(t,He3) Levels
0 Kelvin Cross Sections

60-Nd-139



10

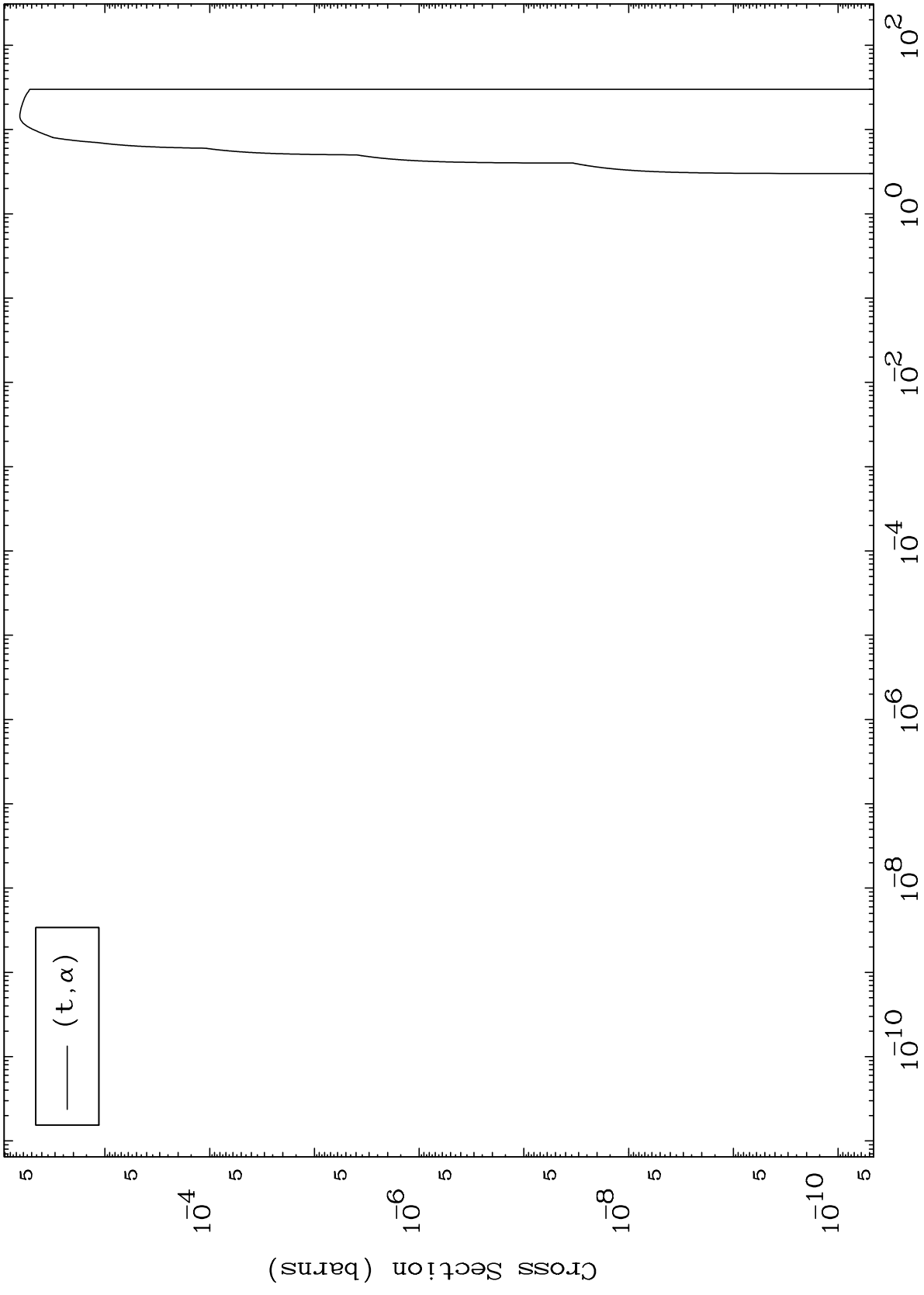
Incident Energy (MeV)

60-Nd-139

MAT 6017.

(t, α) Levels
0 Kelvin Cross Sections

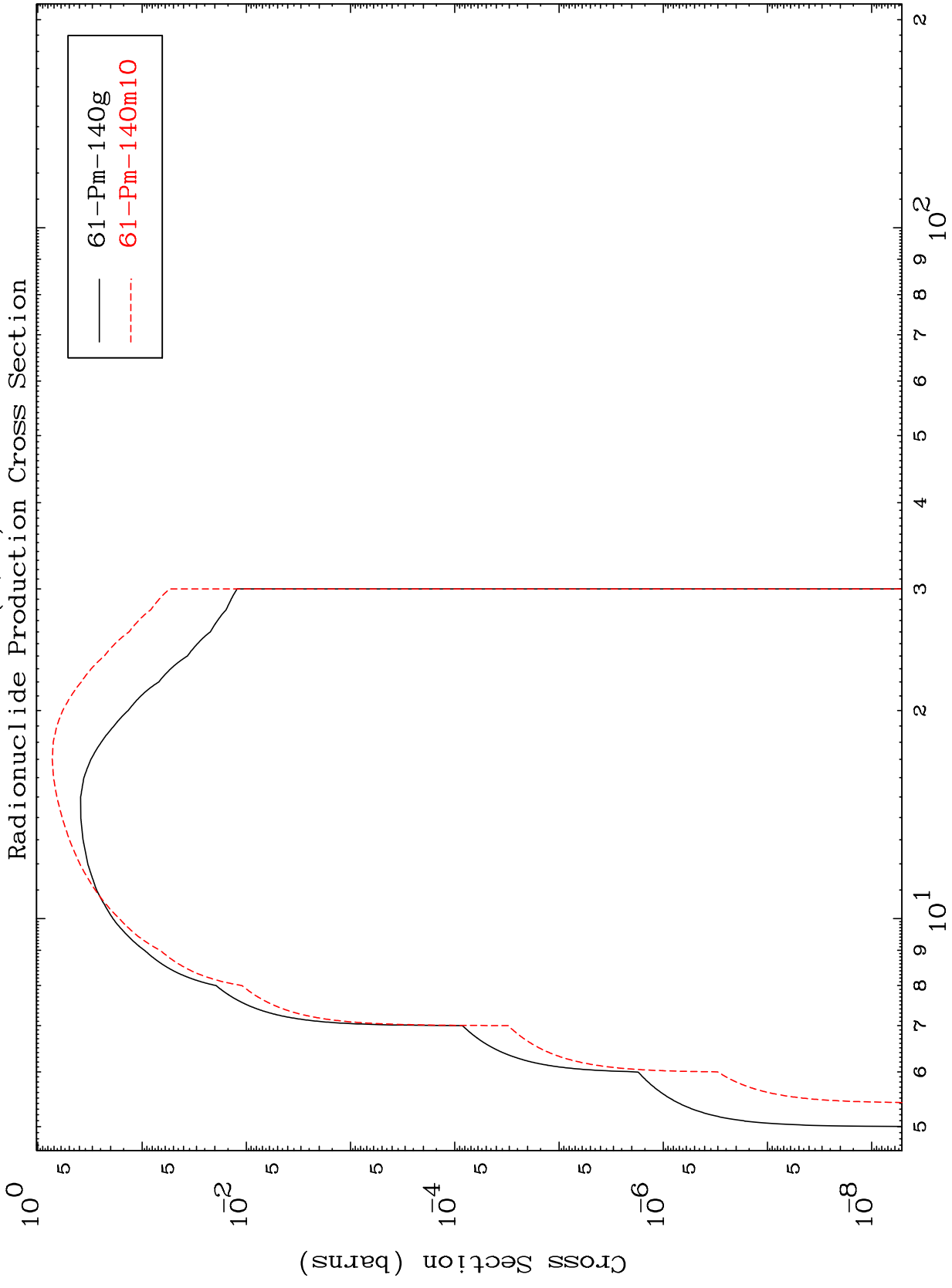
60-Nd-139



MAT 6017

60-Nd-139

60-Nd-139

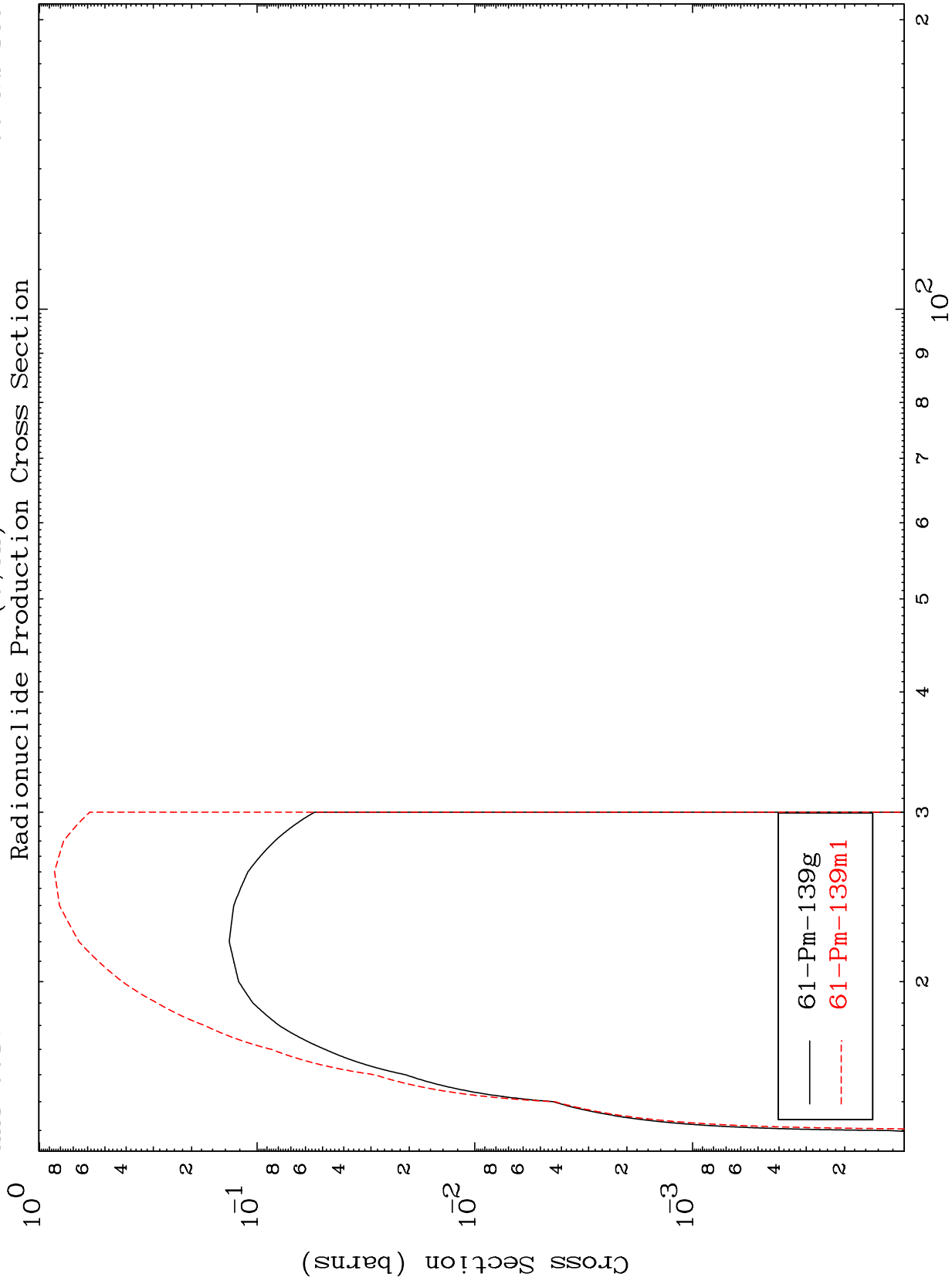


12

MAT 6017

60-Nd-139

(t,3n)
Radionuclide Production Cross Section



13

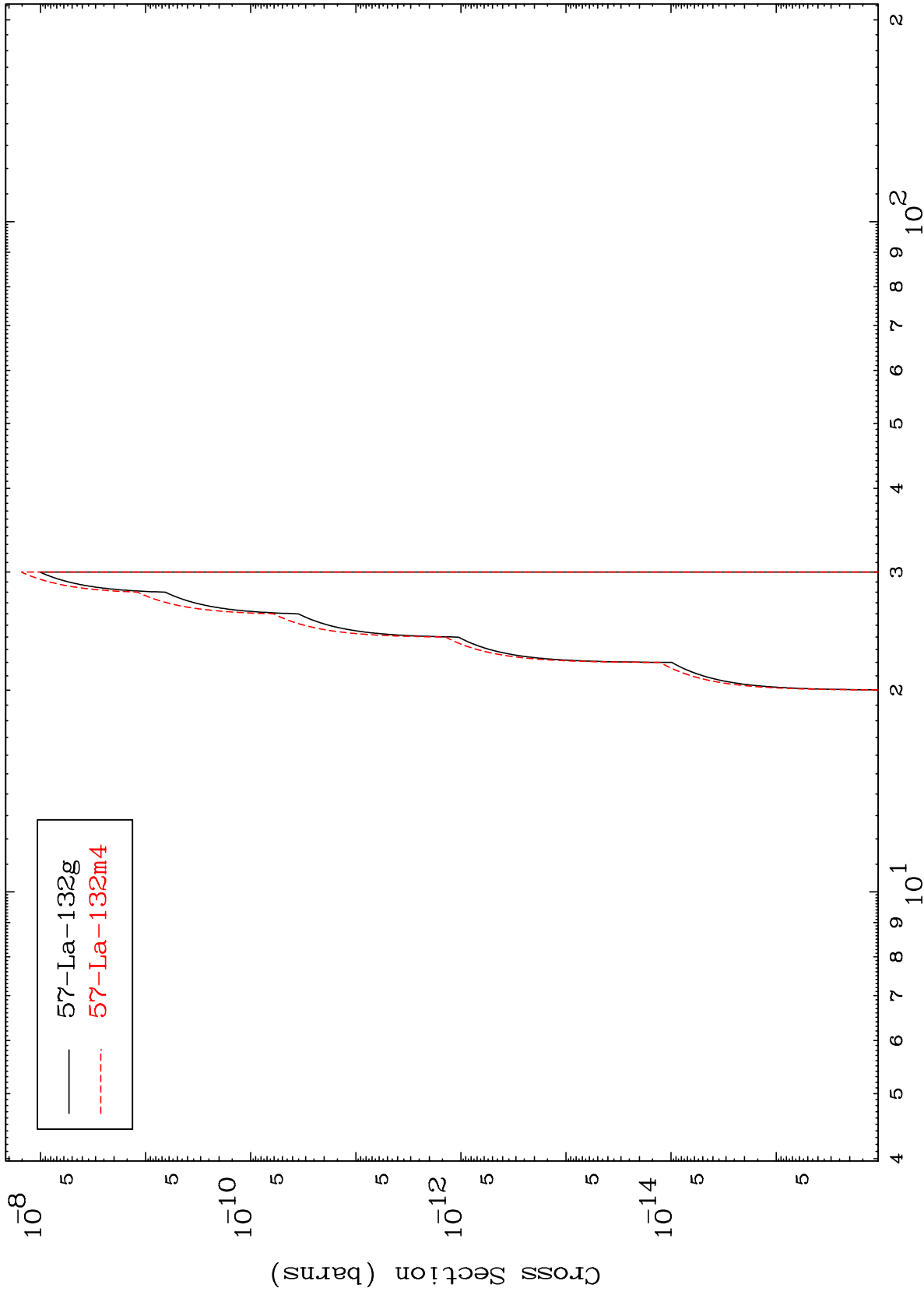
61-Pm-139g
61-Pm-139m1

MAT 6017

(t,2n) 2 α

60-Nd-139

Radionuclide Production Cross Section

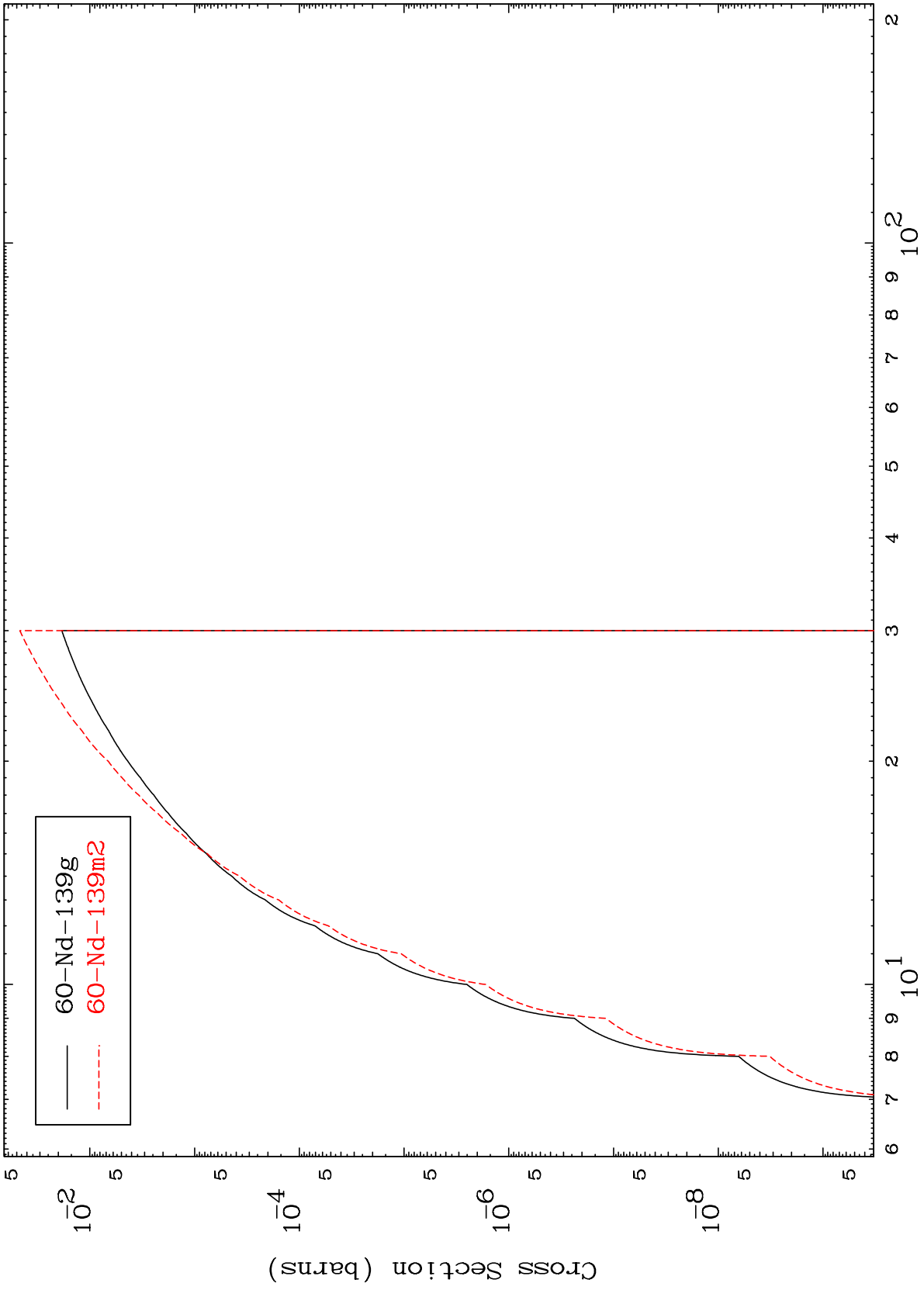


MAT 6017

(t,n') d

60-Nd-139

Radionuclide Production Cross Section



15

Incident Energy (MeV)

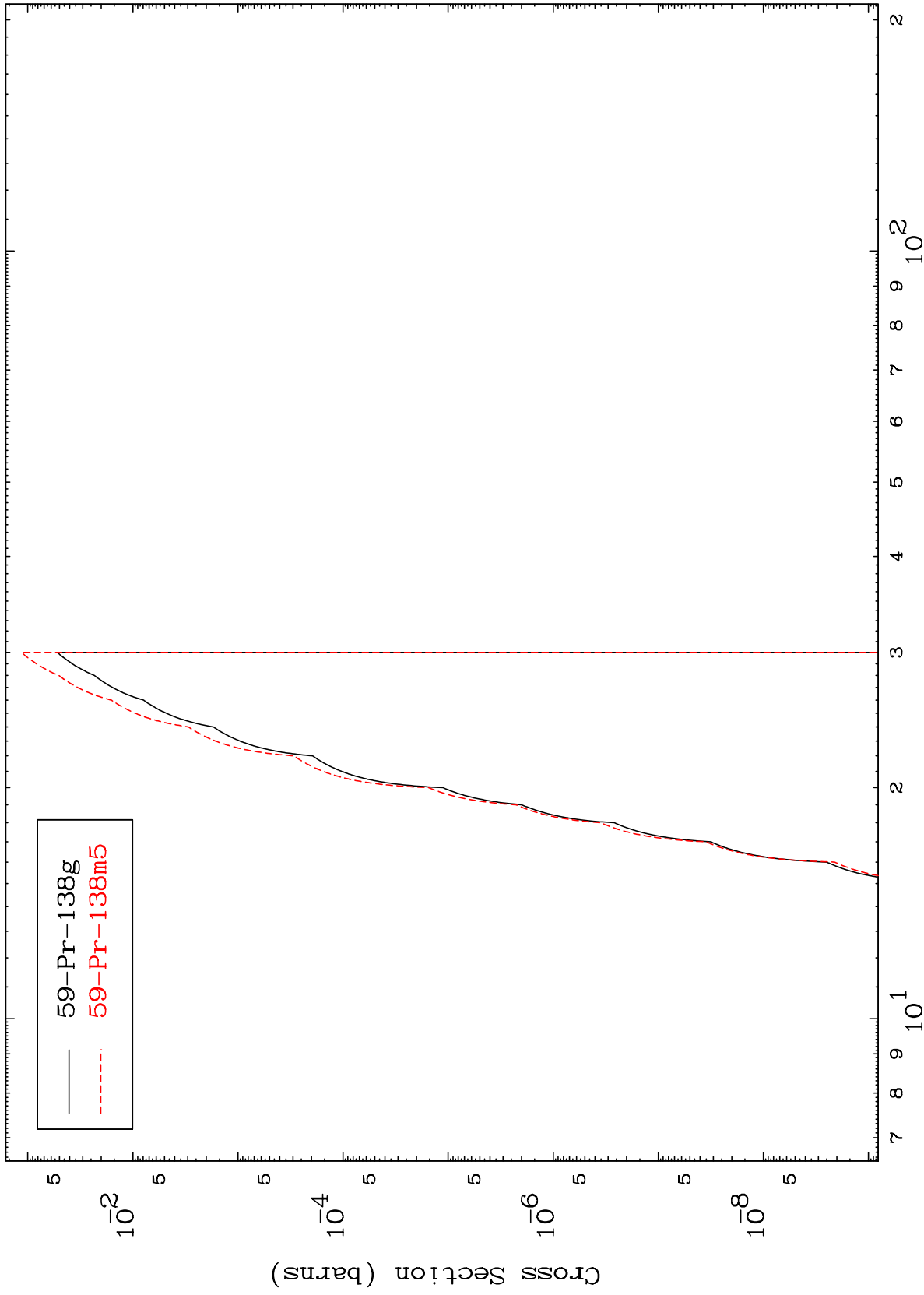
60-Nd-139

MAT 6017

(t, n') He-3

60-Nd-139

Radionuclide Production Cross Section



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

16

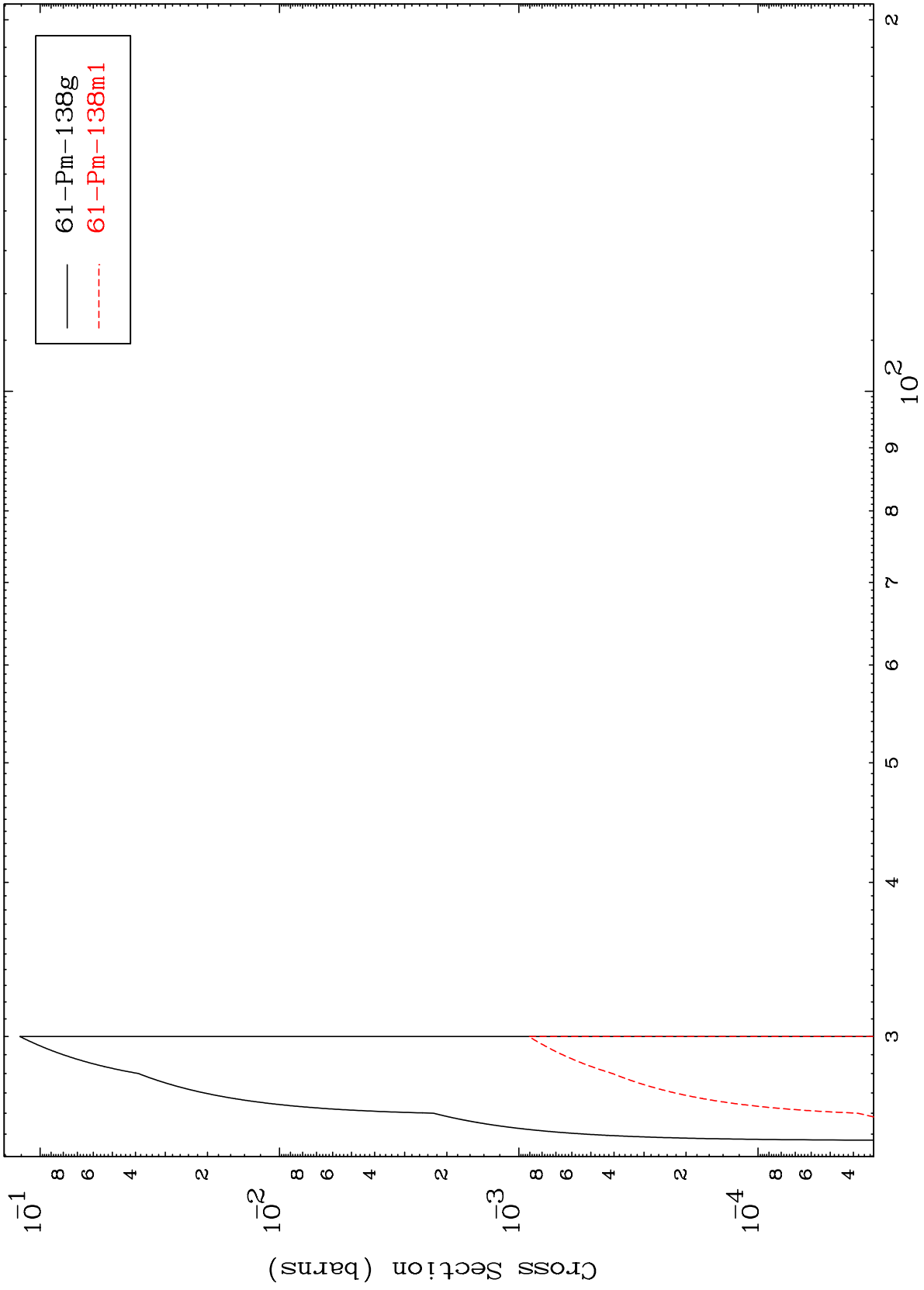
Incident Energy (MeV)

60-Nd-139

MAT 6017

60-Nd-139

(t,4n)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

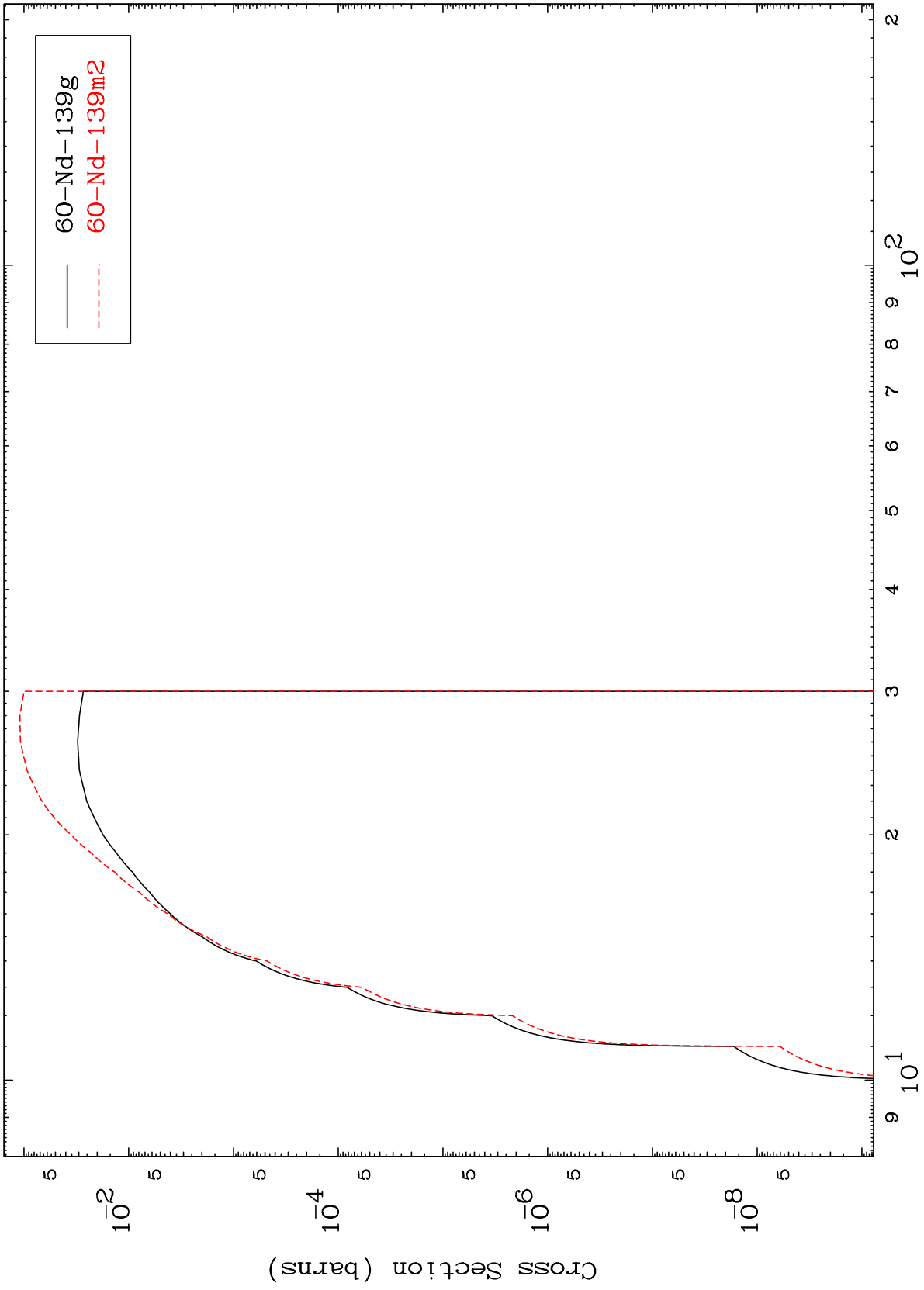
60-Nd-139

MAT 6017

(t,2n) p

⁶⁰Nd-139

Radionuclide Production Cross Section



18

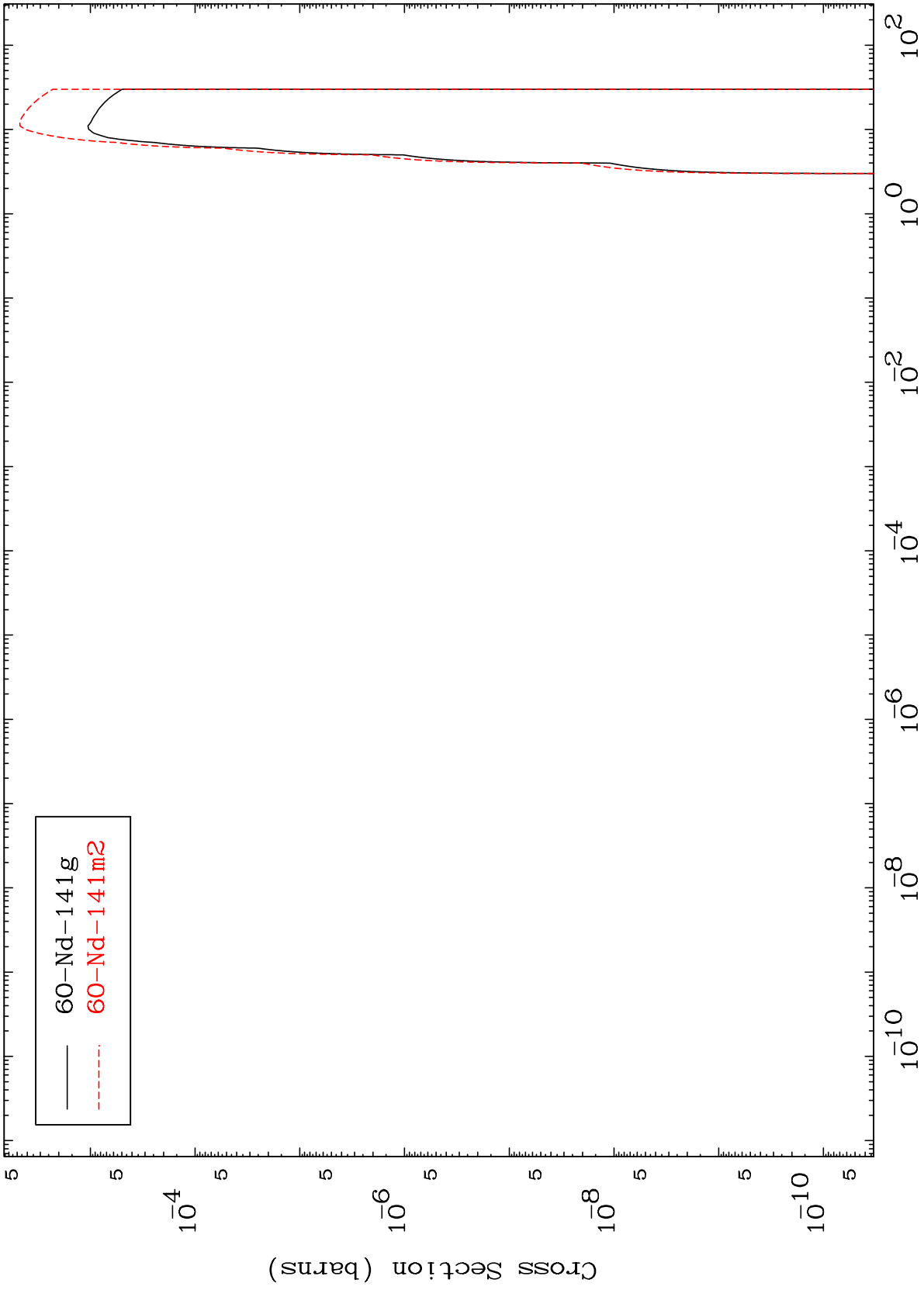
Incident Energy (MeV)

⁶⁰Nd-139

MAT 6017

(t,p)
Radionuclide Production Cross Section

⁶⁰Nd-139



19

Incident Energy (MeV)

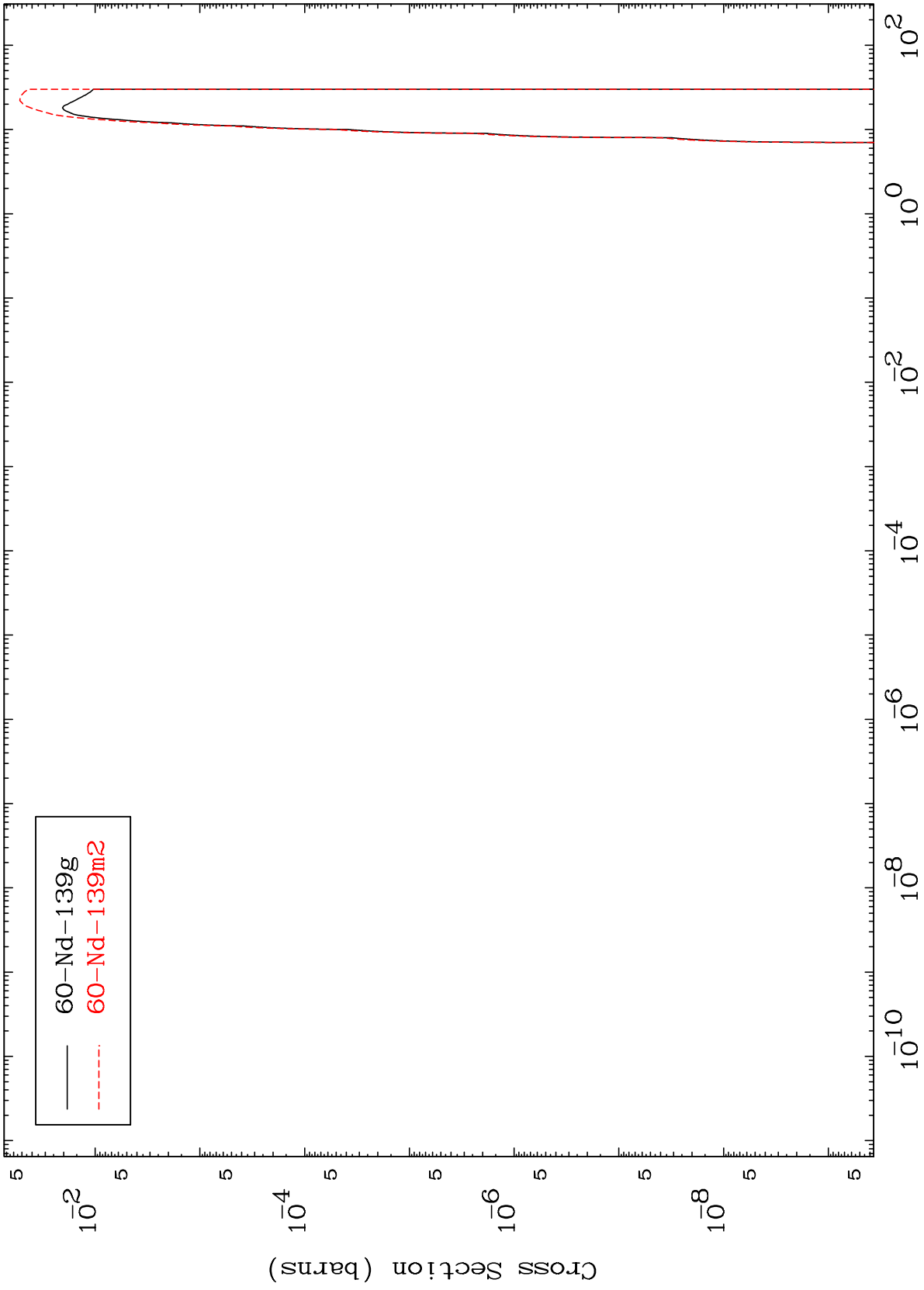
⁶⁰Nd-139

MAT 6017

(t, t)

60-Nd-139

Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

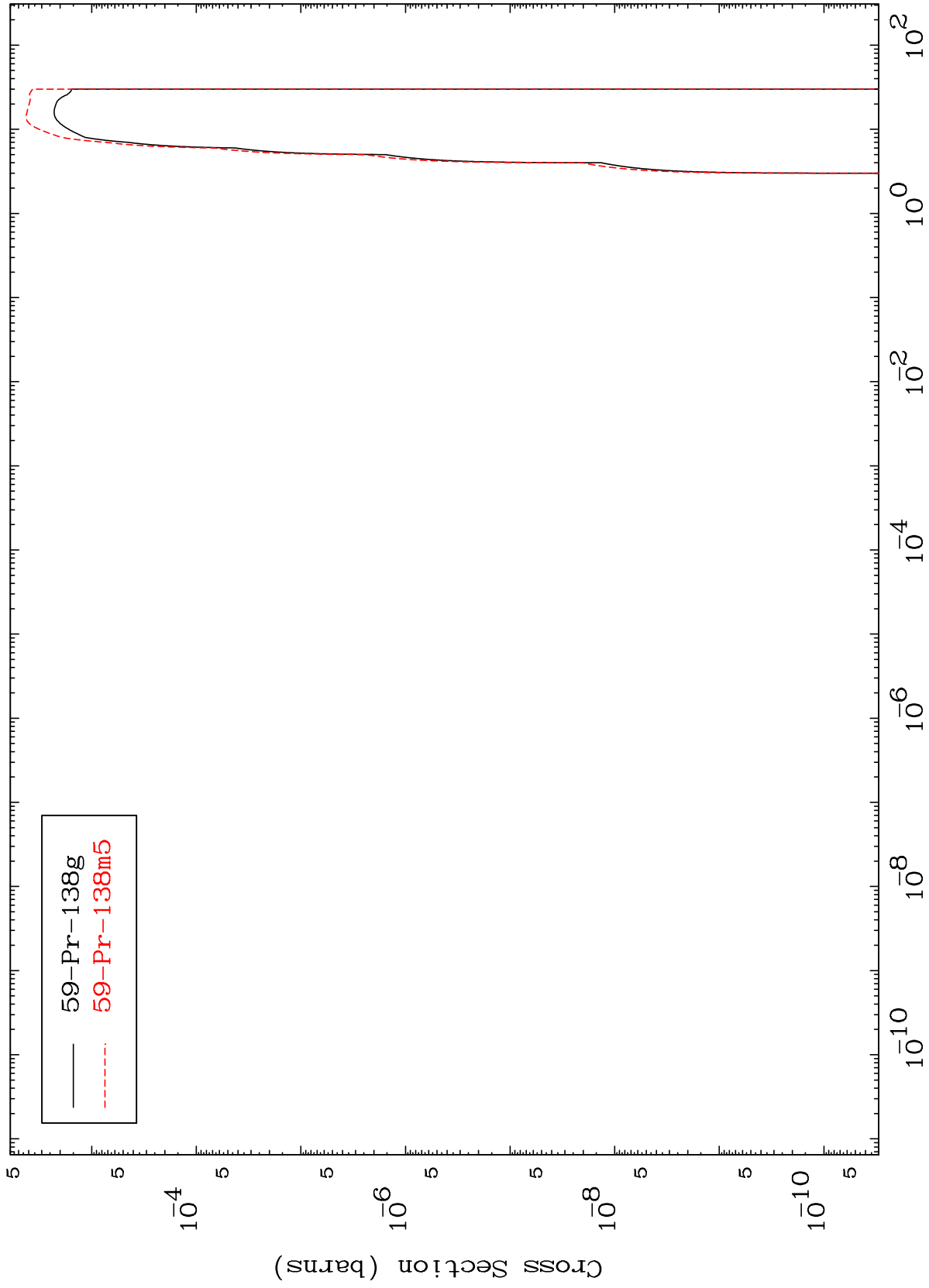
60-Nd-139

MAT 6017

(t, α)

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

Radionuclide Production Cross Section



21

Incident Energy (MeV)

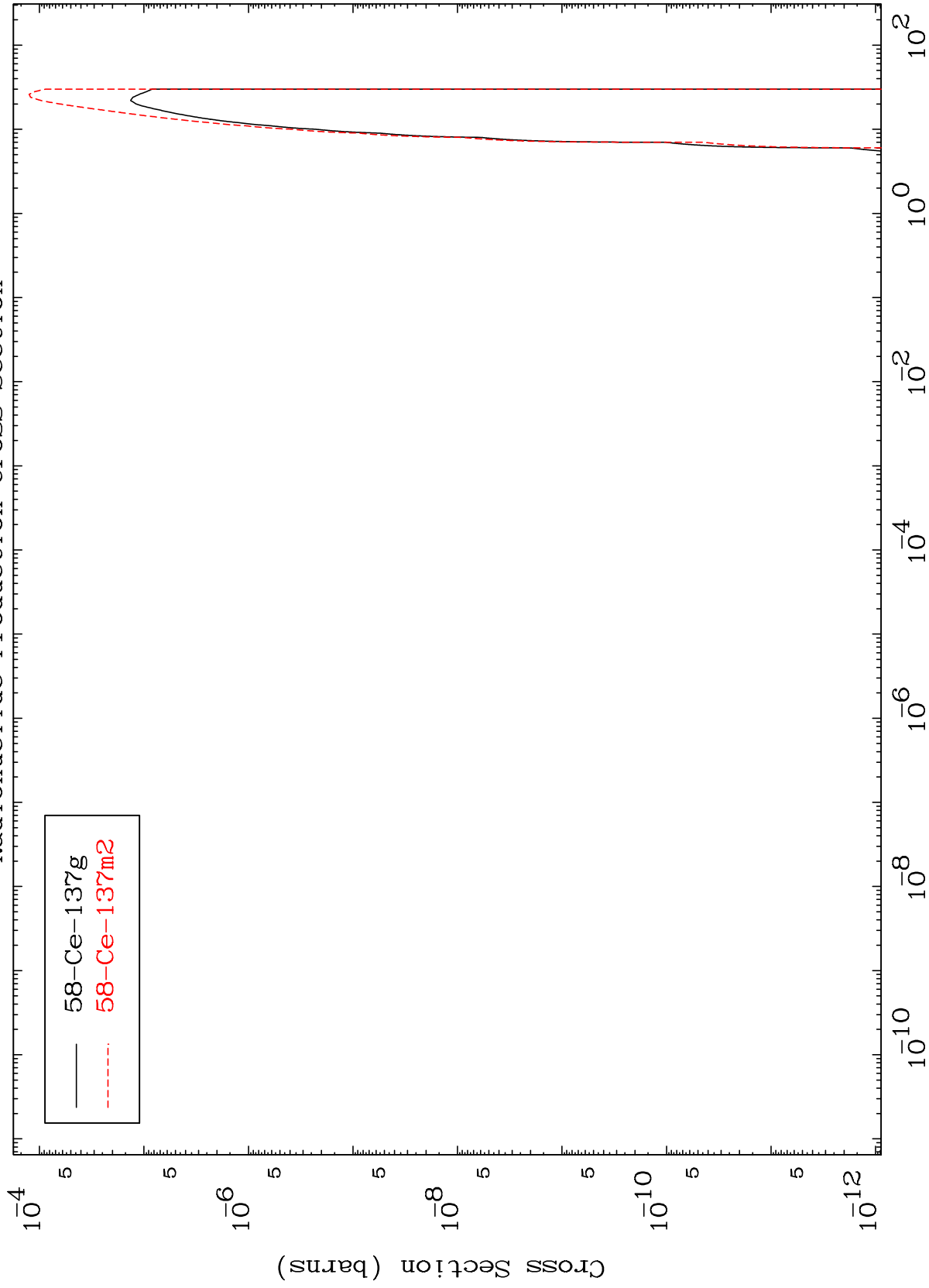
$^{60}\text{Nd-139}$

MAT 6017

(t,p) α

60-Nd-139

Radionuclide Production Cross Section



22

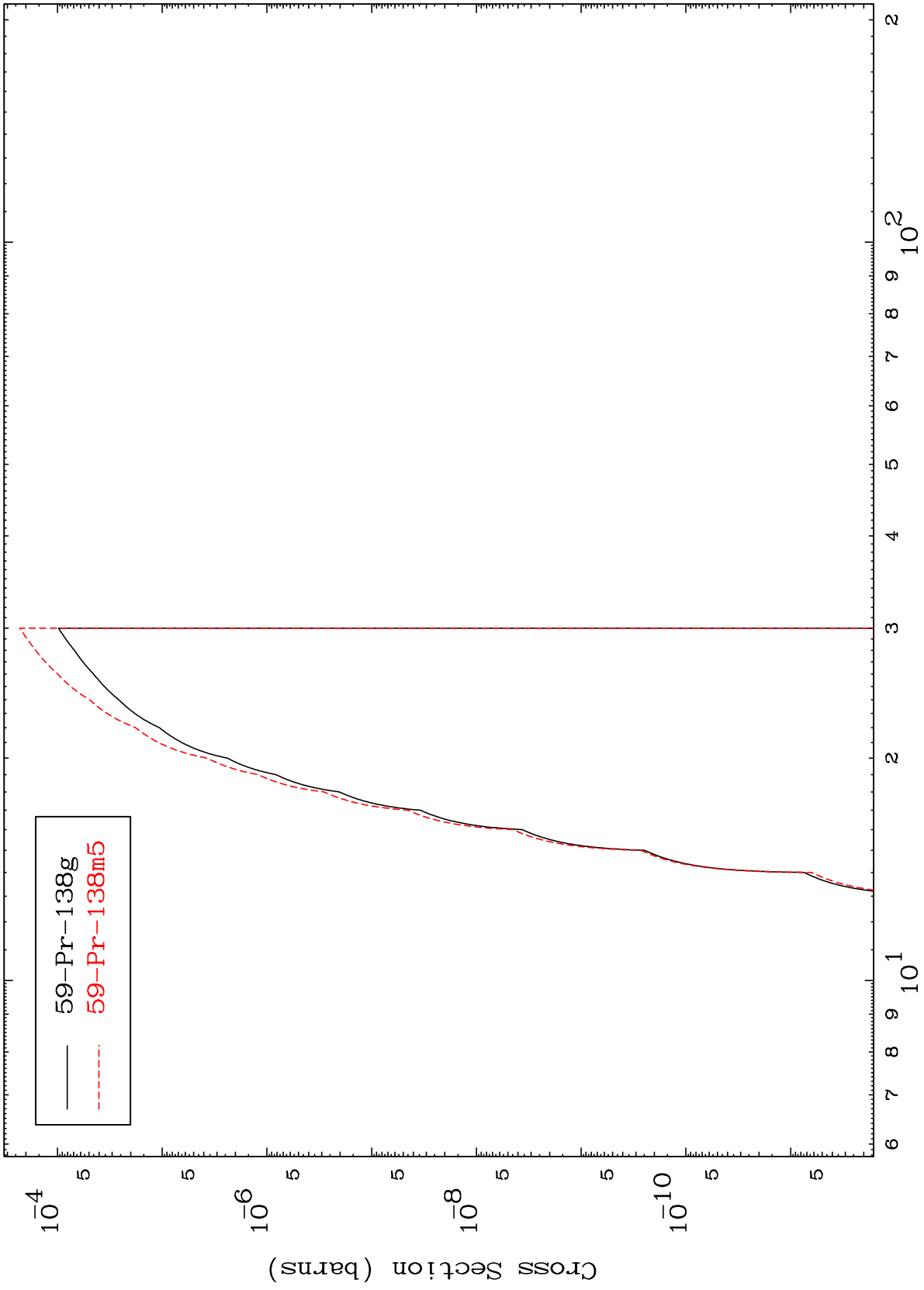
Incident Energy (MeV)

60-Nd-139

MAT 6017

60-Nd-139

(t,p) t
Radionuclide Production Cross Section



23

Incident Energy (MeV)

60-Nd-139