

Program EVALPLOT
(Version 2021-1)

by

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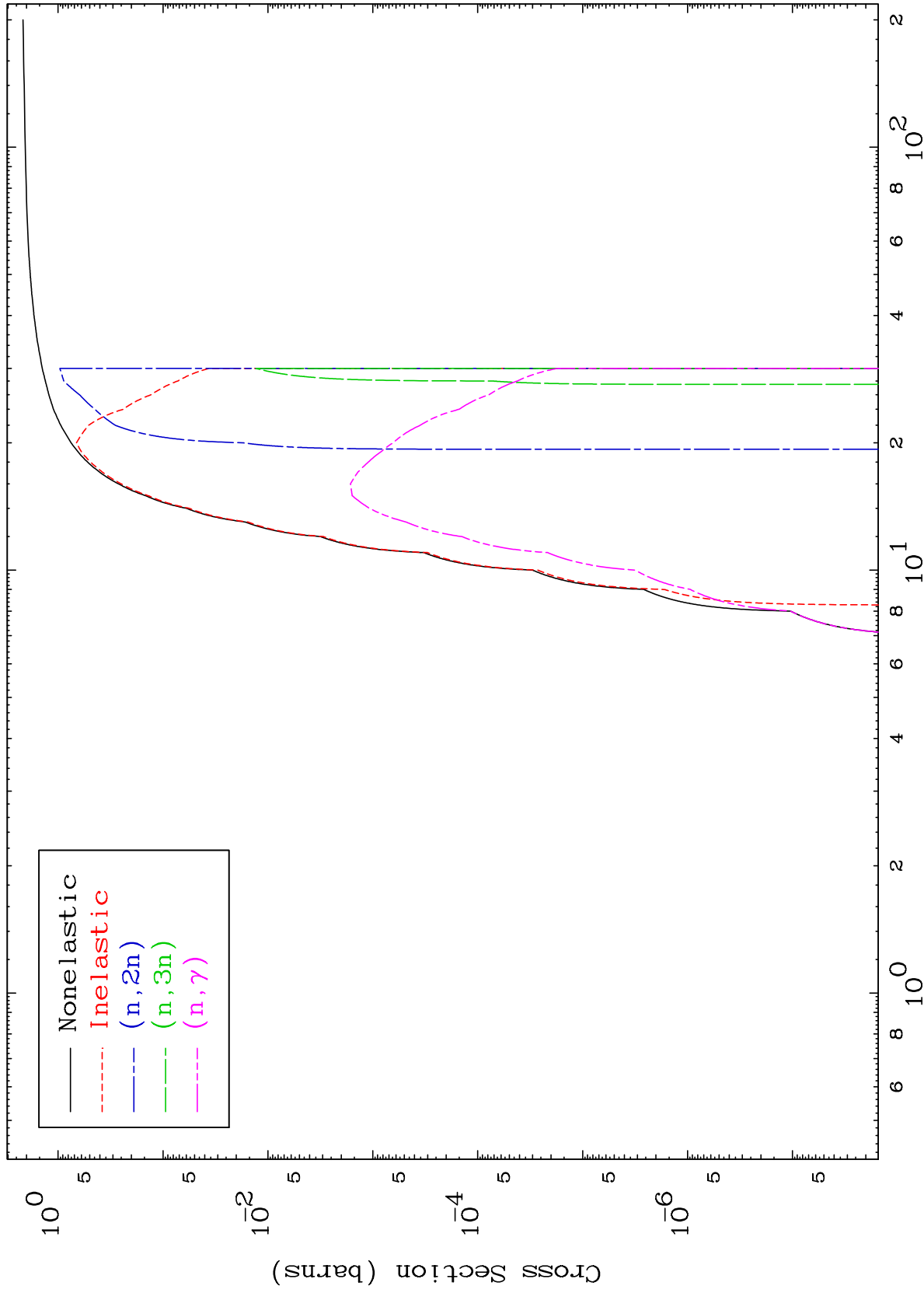
Press Mouse Button to Start

MAT 5034

0 Kelvin

α Major Cross Sections

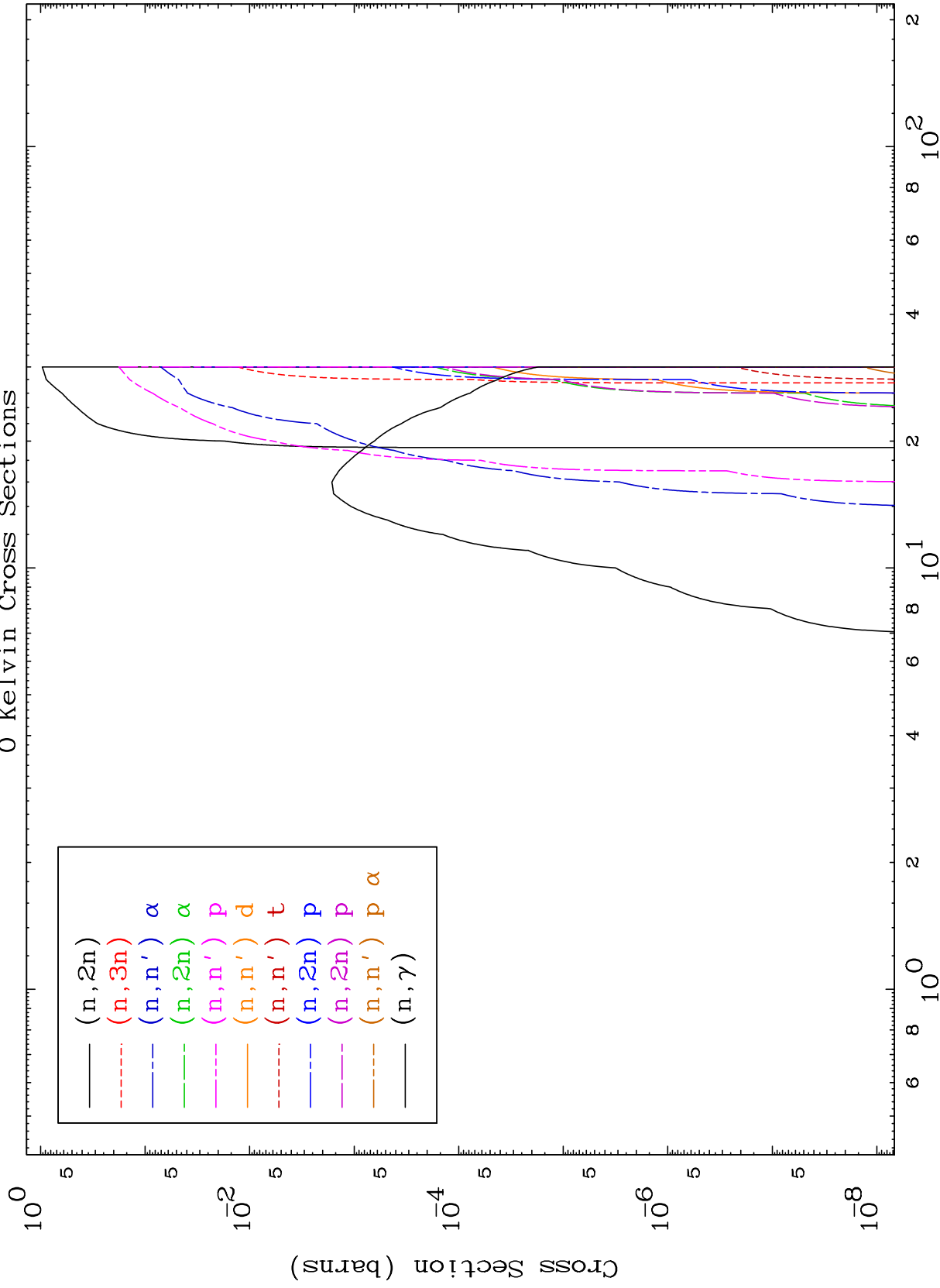
50-Sn-115



MAT 5034

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-115



2

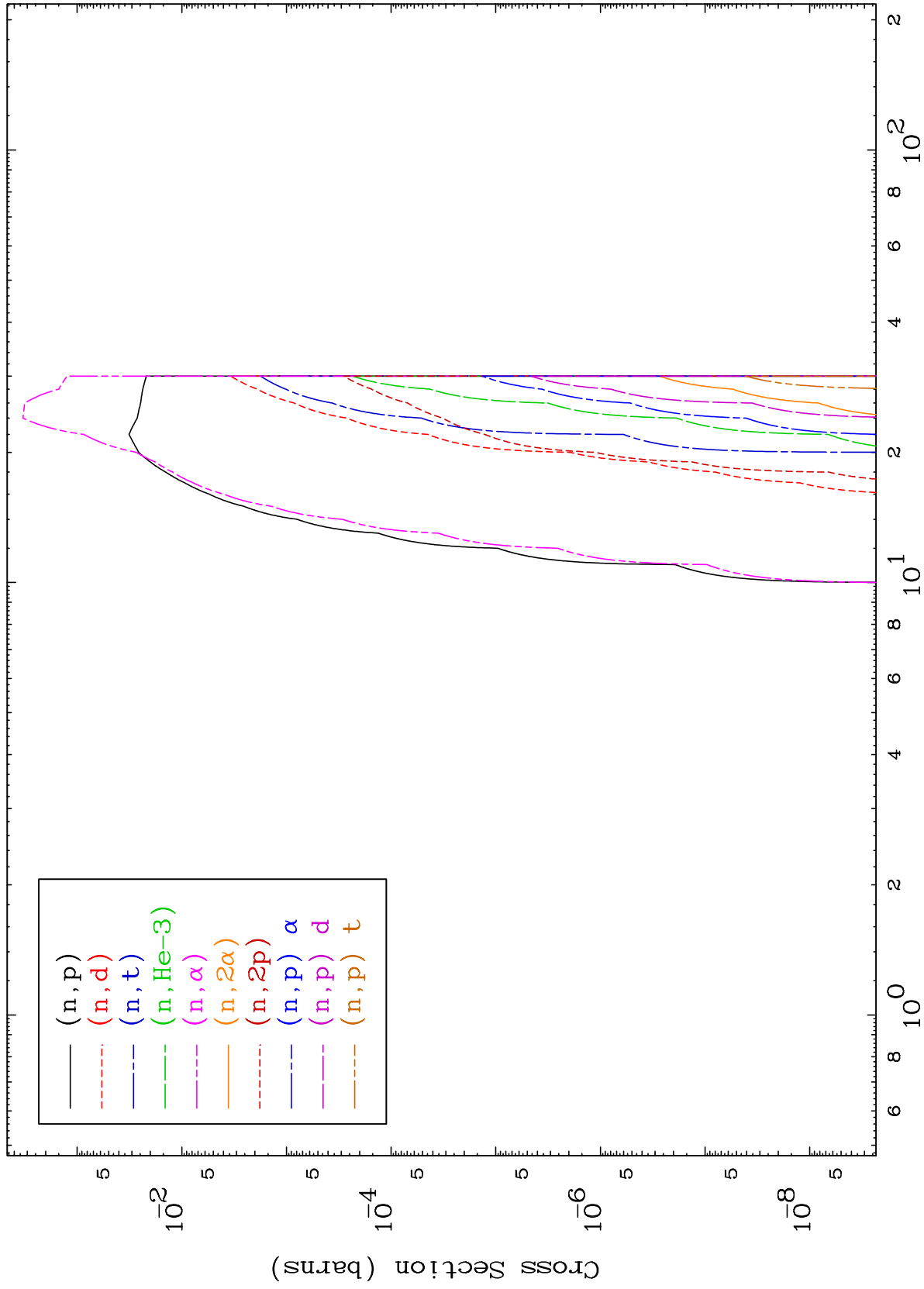
Incident Energy (MeV)

50-Sn-115

MAT 5034

α Neutron Absorption
0 Kelvin Cross Sections

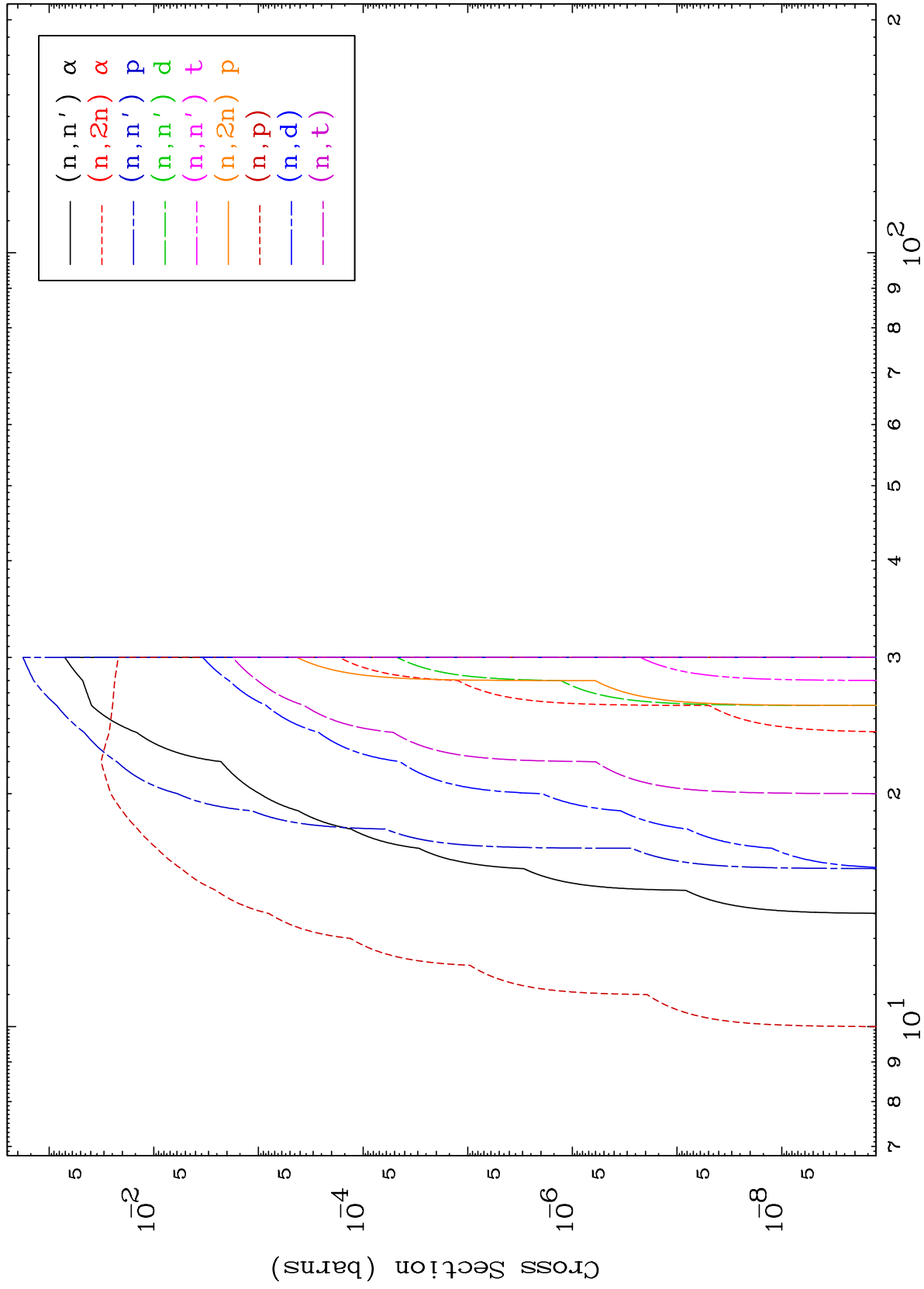
50-Sn-115



3

Incident Energy (MeV)

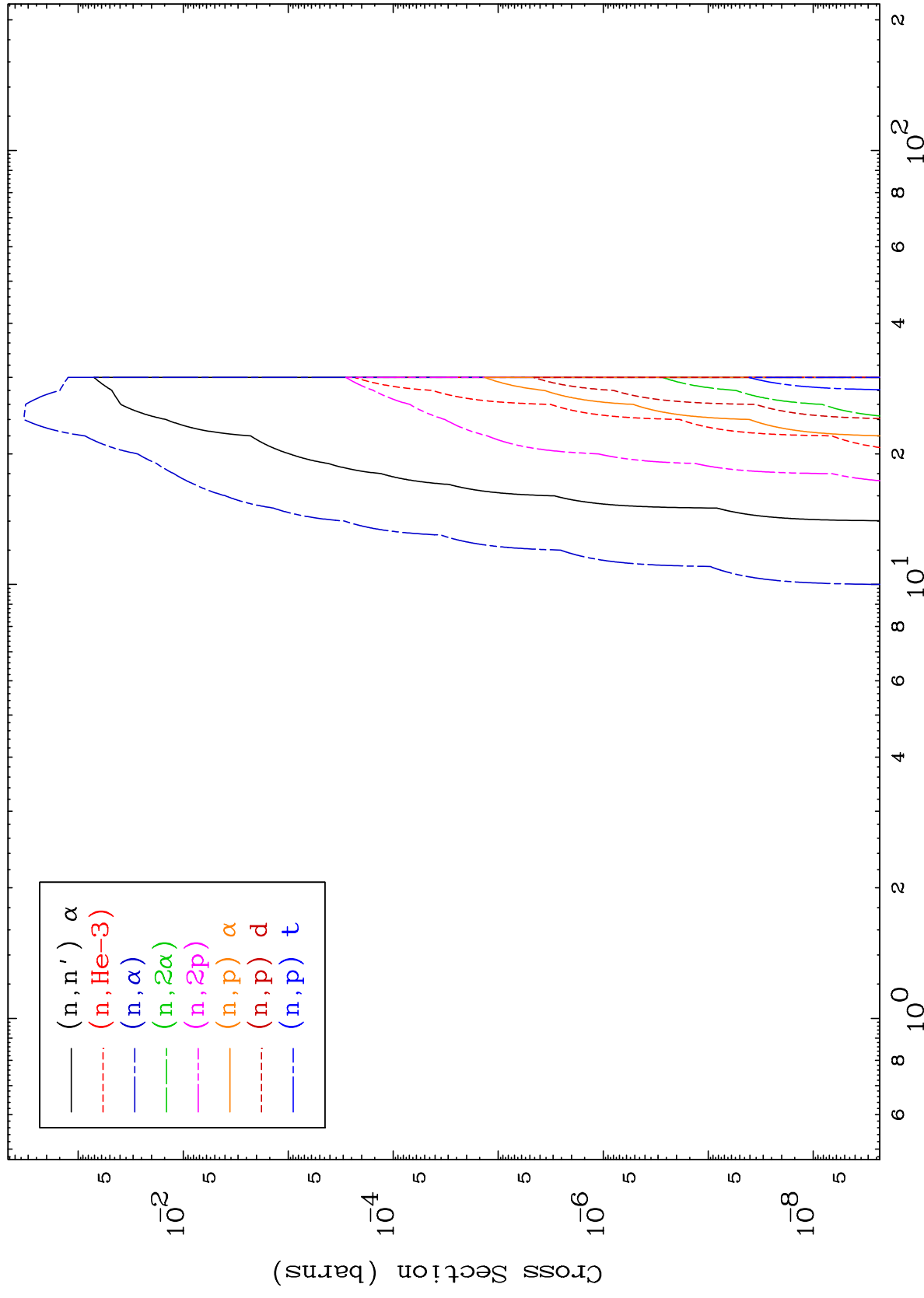
50-Sn-115



MAT 5034

α Charged Particle
0 Kelvin Cross Sections

50-Sn-115



5

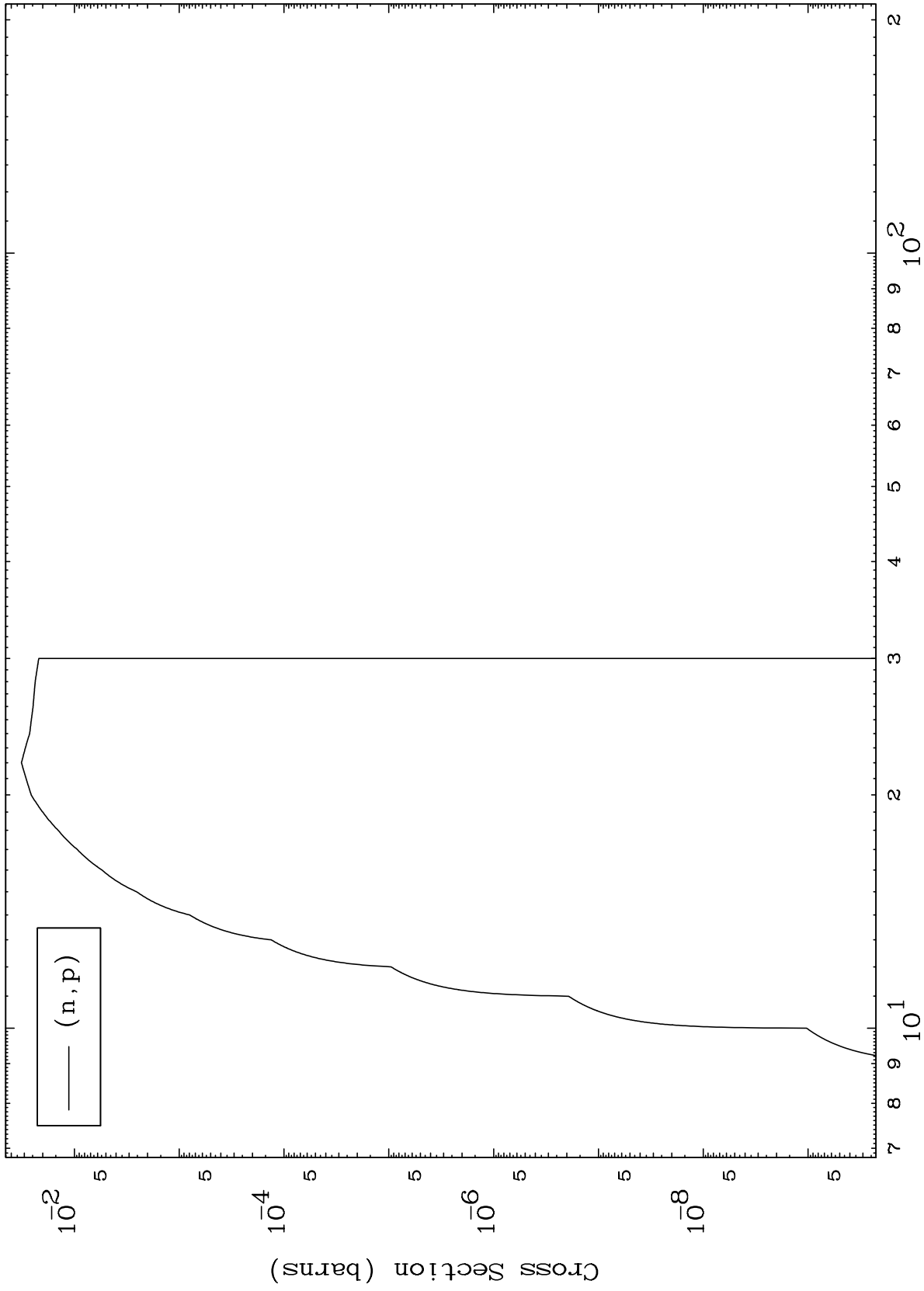
Incident Energy (MeV)

50-Sn-115

MAT 5034

(α, p) Levels
0 Kelvin Cross Sections

50-Sn-115



6

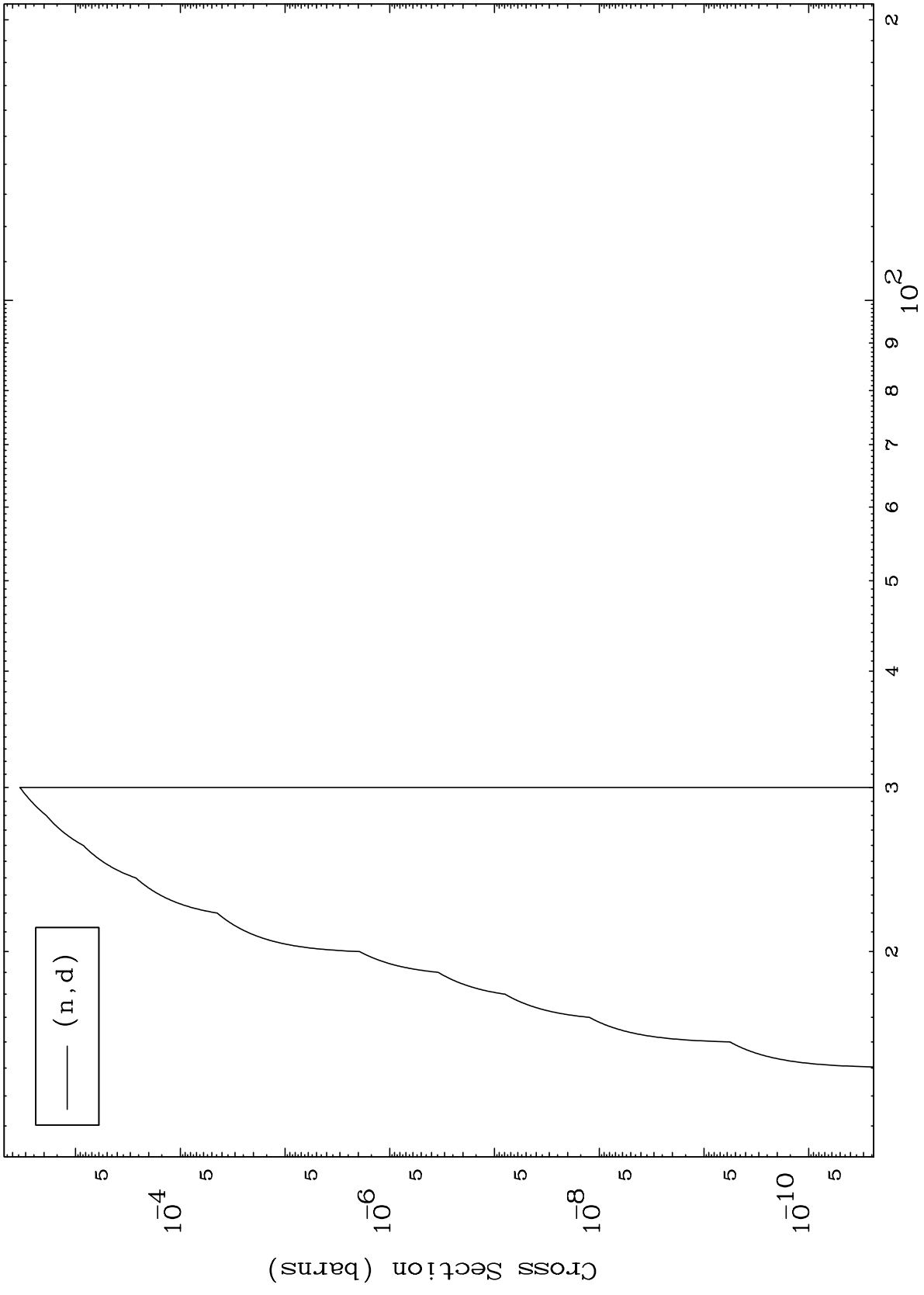
Incident Energy (MeV)

50-Sn-115

MAT 5034

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-115



7

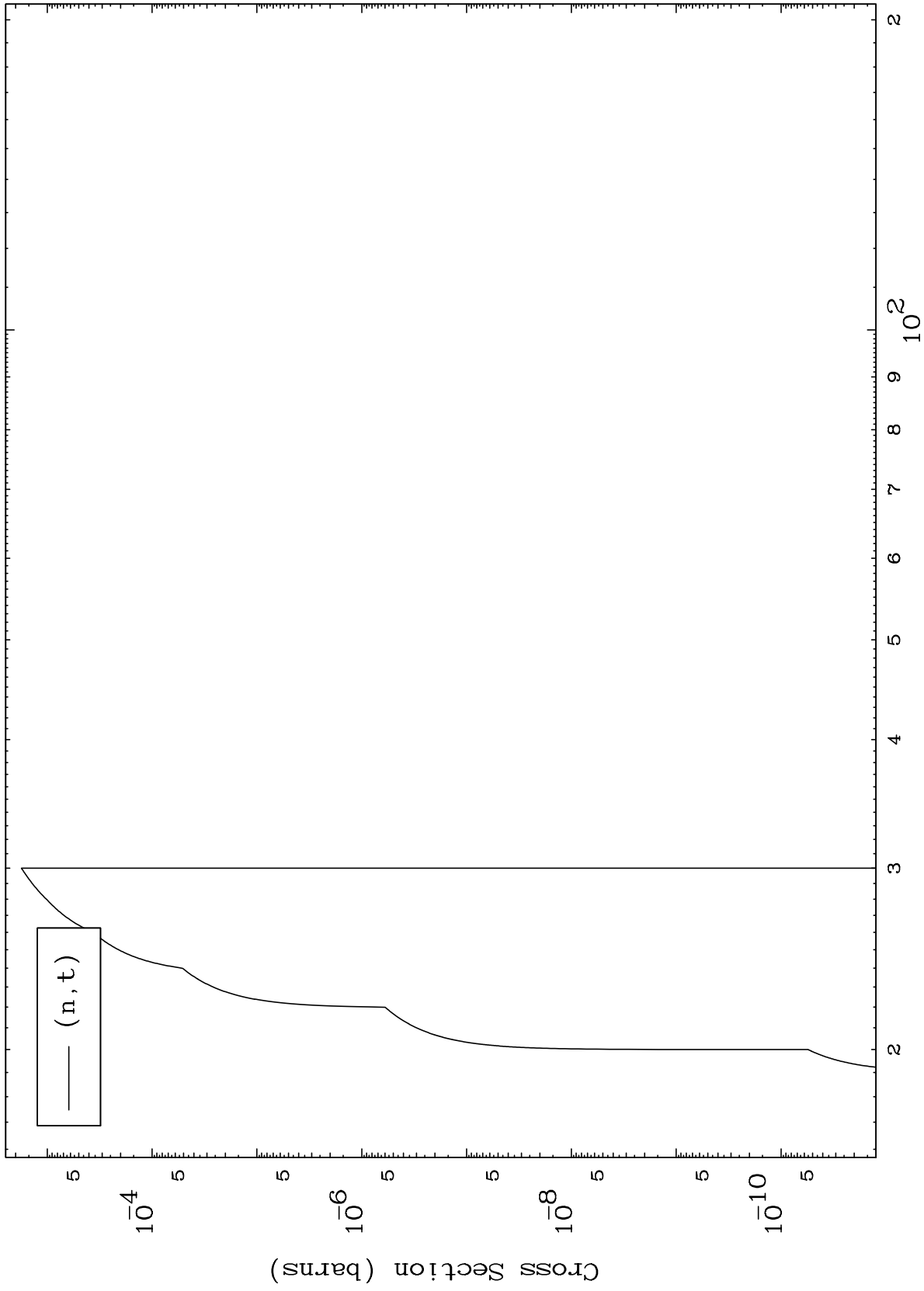
Incident Energy (MeV)

50-Sn-115

MAT 5034

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-115



8

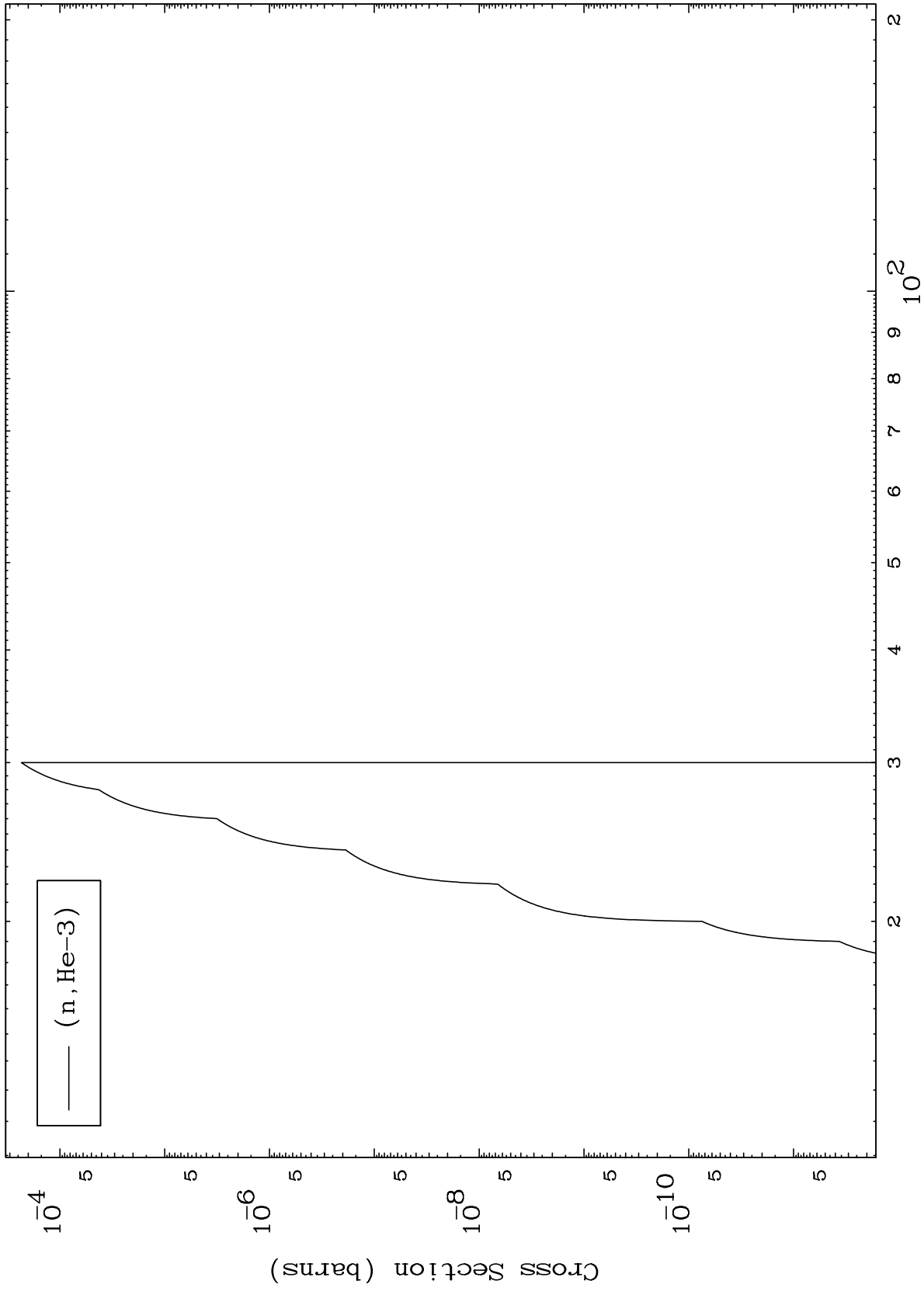
Incident Energy (MeV)

50-Sn-115

MAT 5034

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

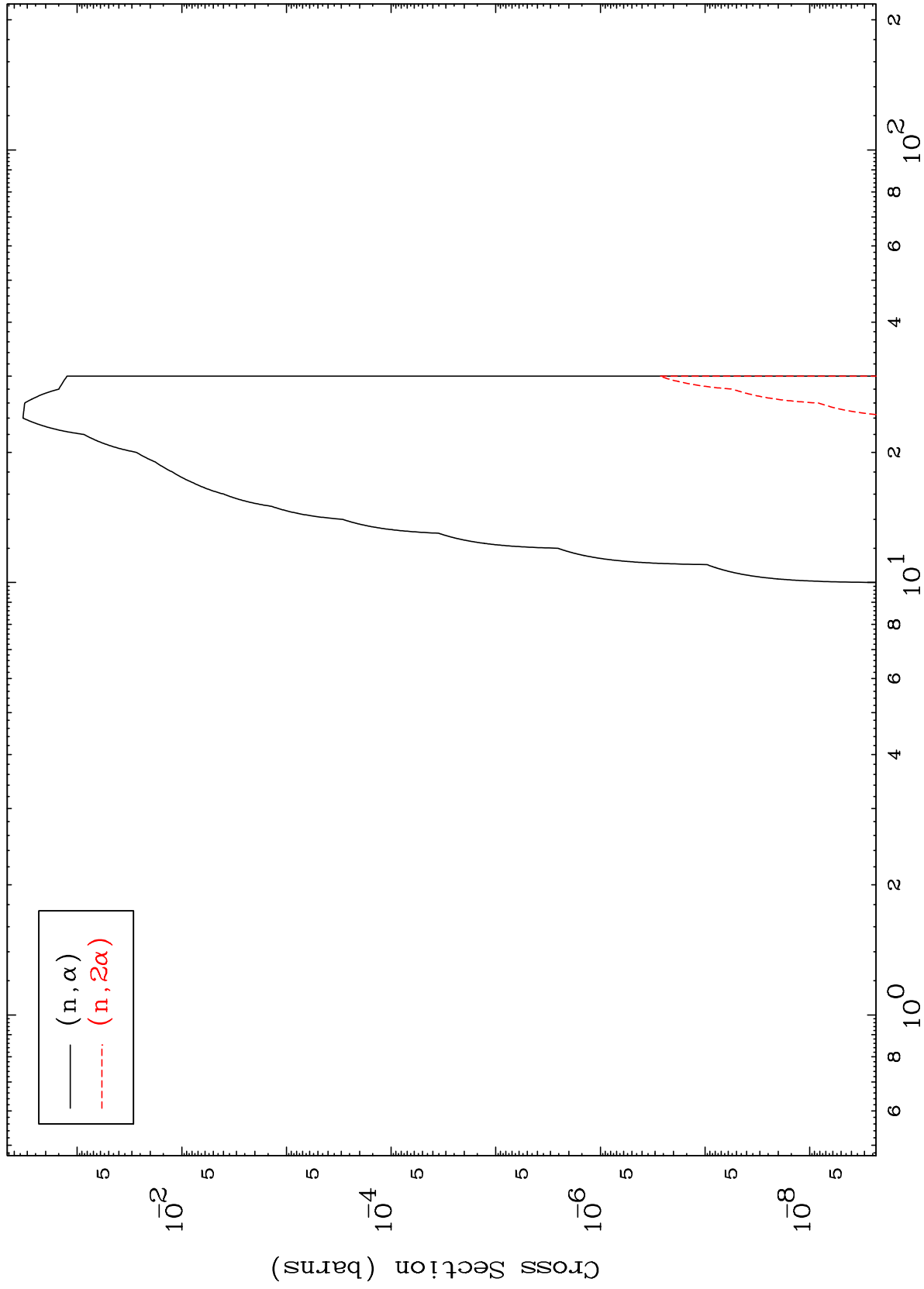
50-Sn-115



MAT 5034

0 Kelvin Cross Sections
(α, α) Levels

50-Sn-115

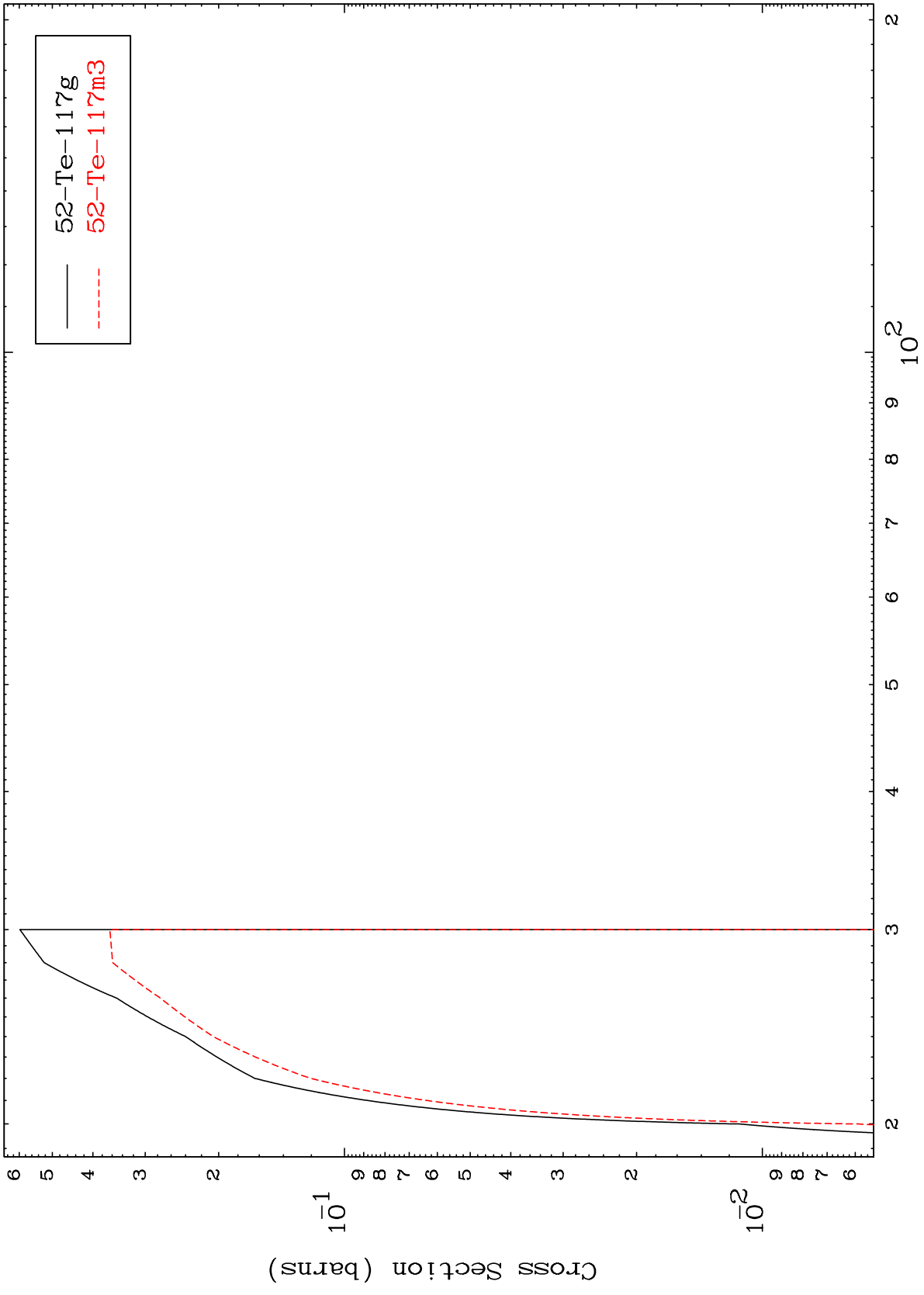


MAT 5034

(n,2n)

50-Sn-115

Radionuclide Production Cross Section



52-Te-117g
52-Te-117m3

11

Incident Energy (MeV)

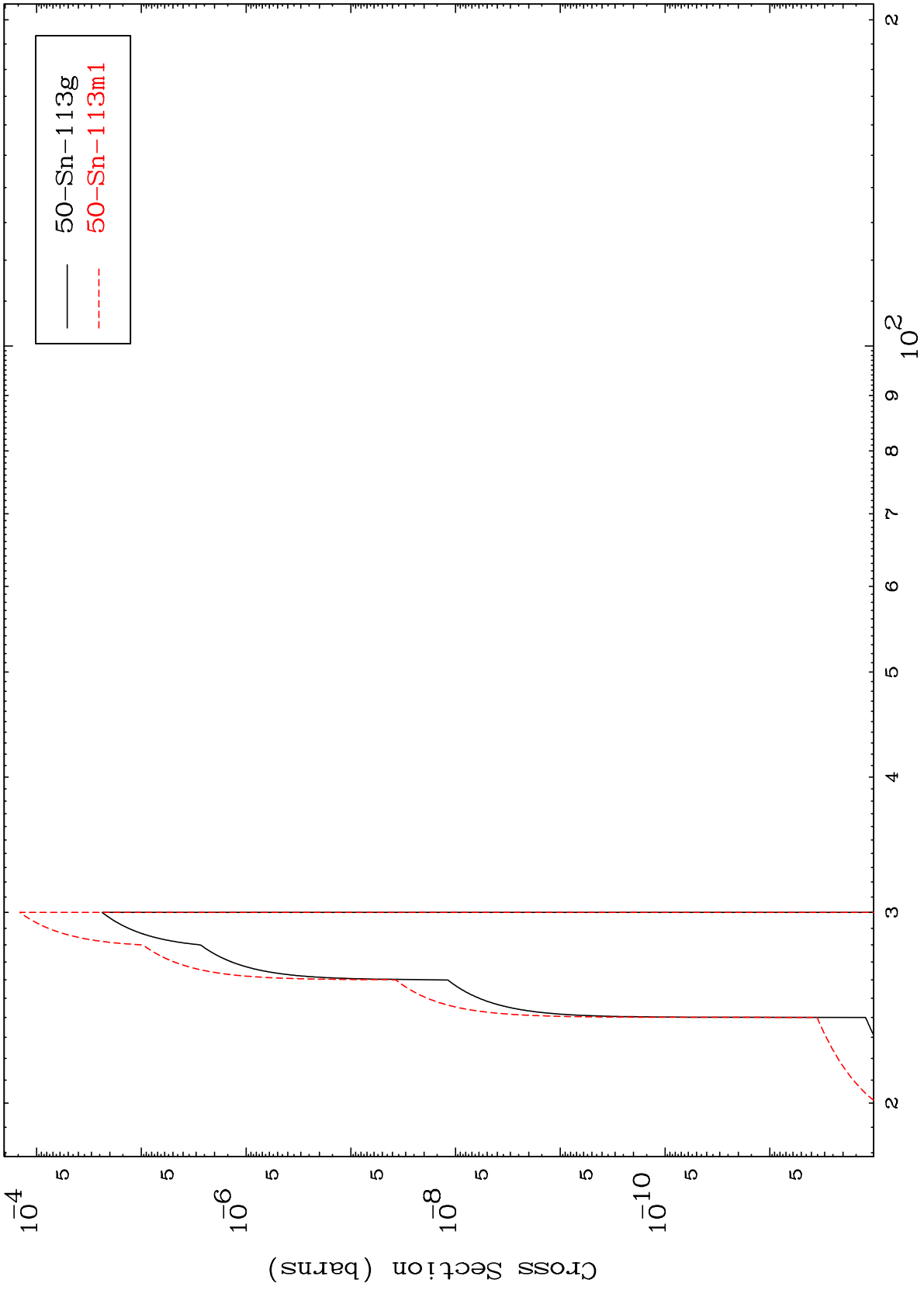
50-Sn-115

MAT 5034

(n,2n) α

50-Sn-115

Radionuclide Production Cross Section



12

Incident Energy (MeV)

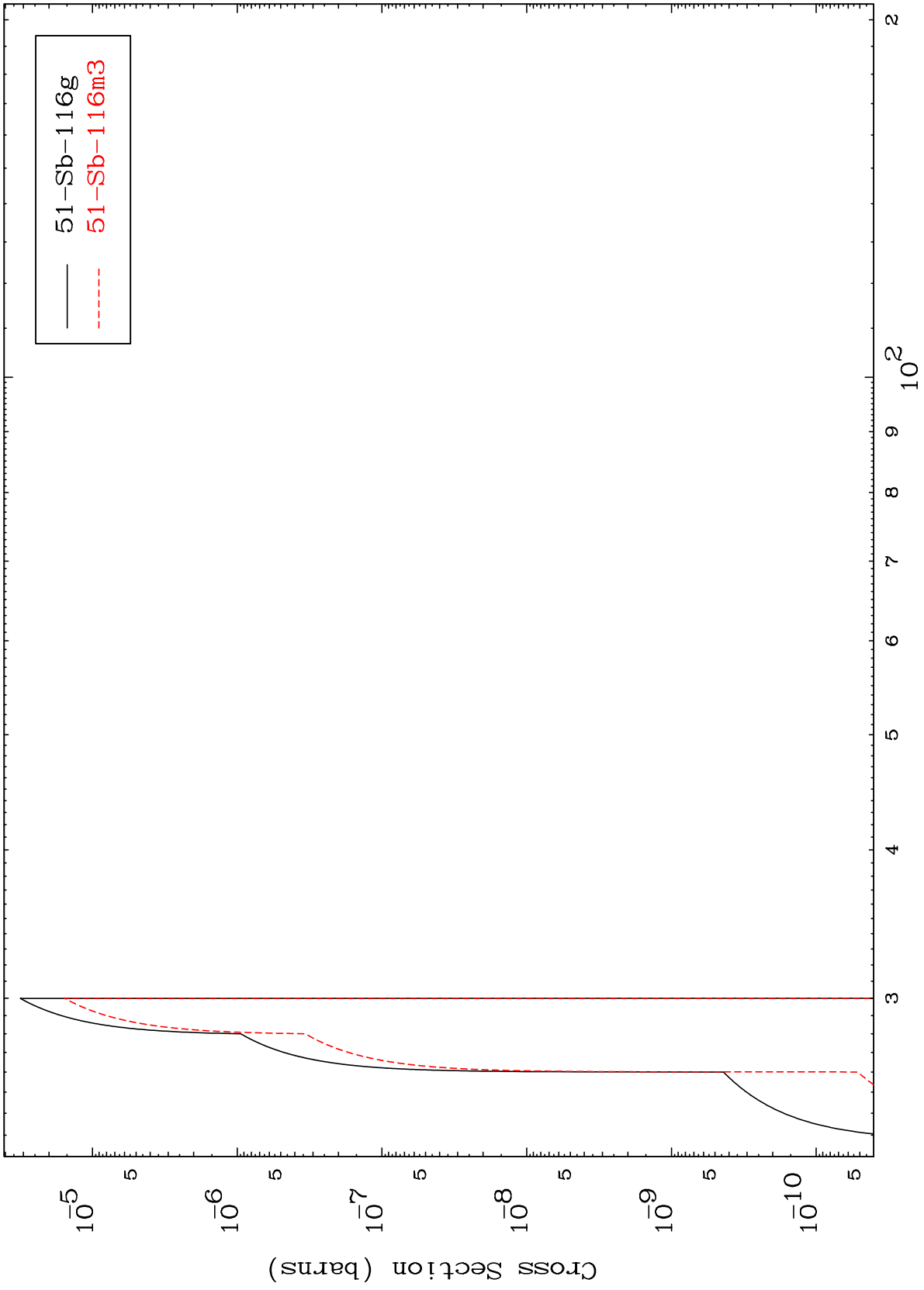
50-Sn-115

MAT 5034

(n,n') d

50-Sn-115

Radionuclide Production Cross Section



13

Incident Energy (MeV)

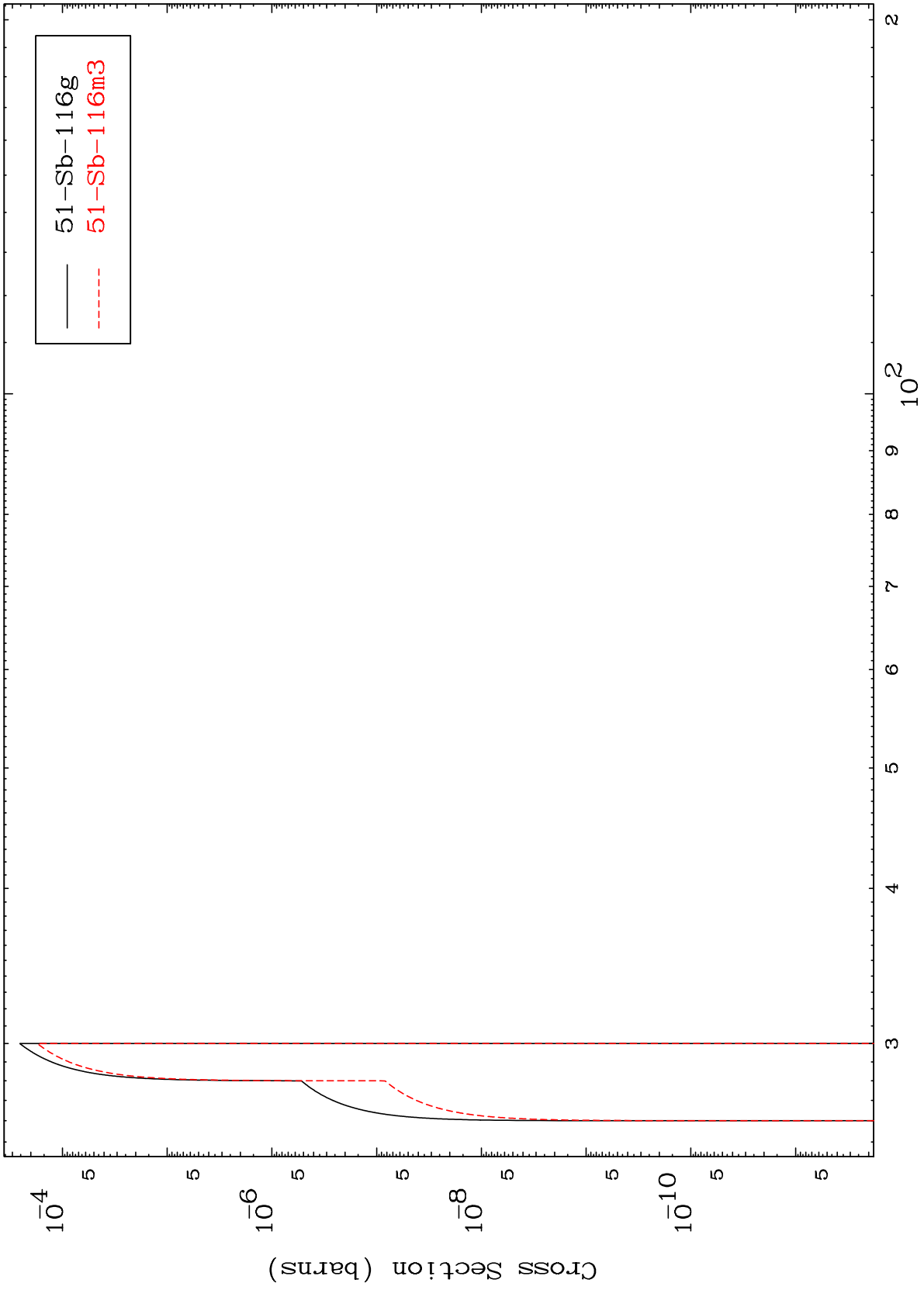
50-Sn-115

MAT 5034

(n,2n) p

50-Sn-115

Radionuclide Production Cross Section



14

Incident Energy (MeV)

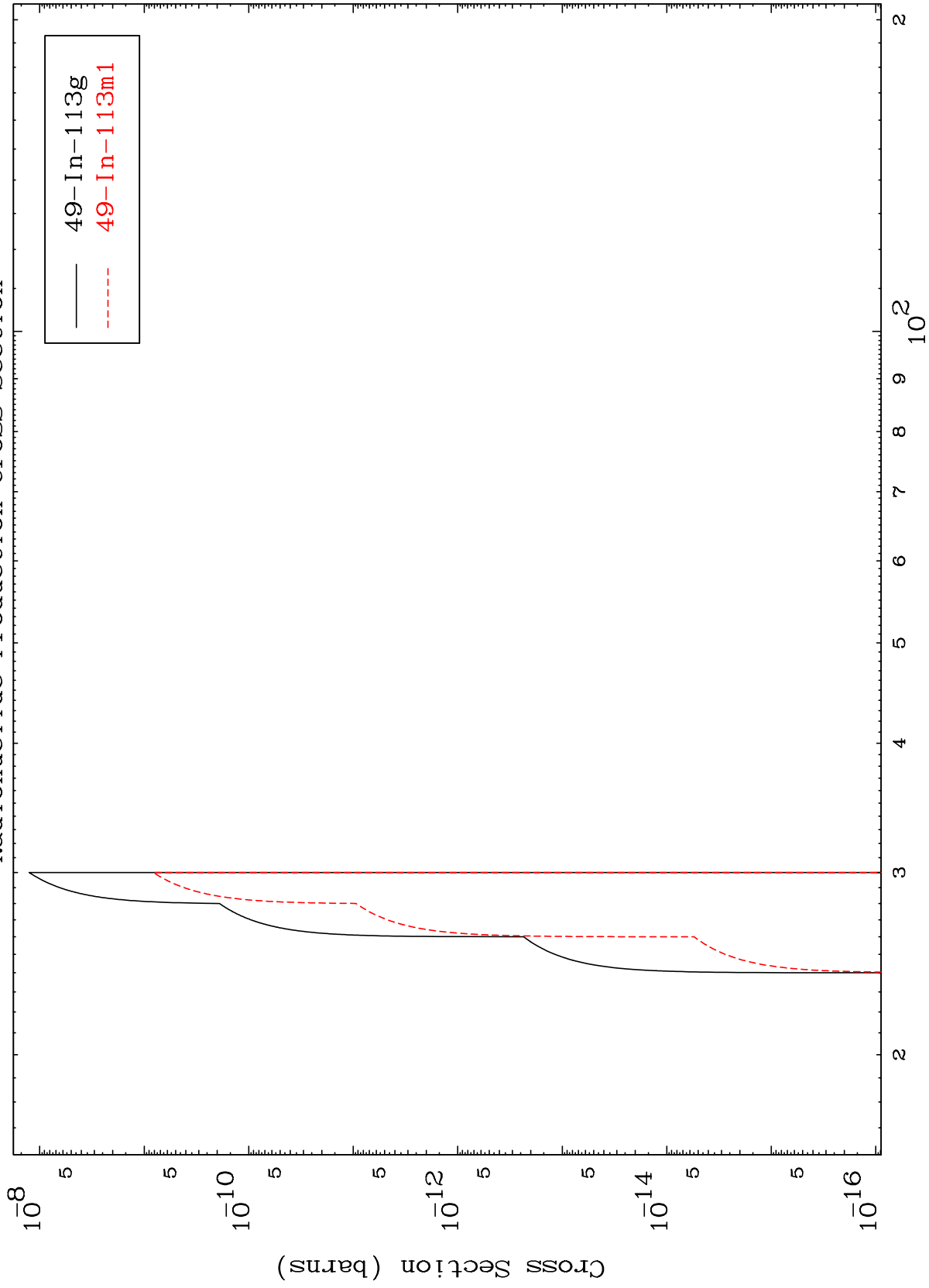
50-Sn-115

MAT 5034

(n,n') p α

50-Sn-115

Radionuclide Production Cross Section



15

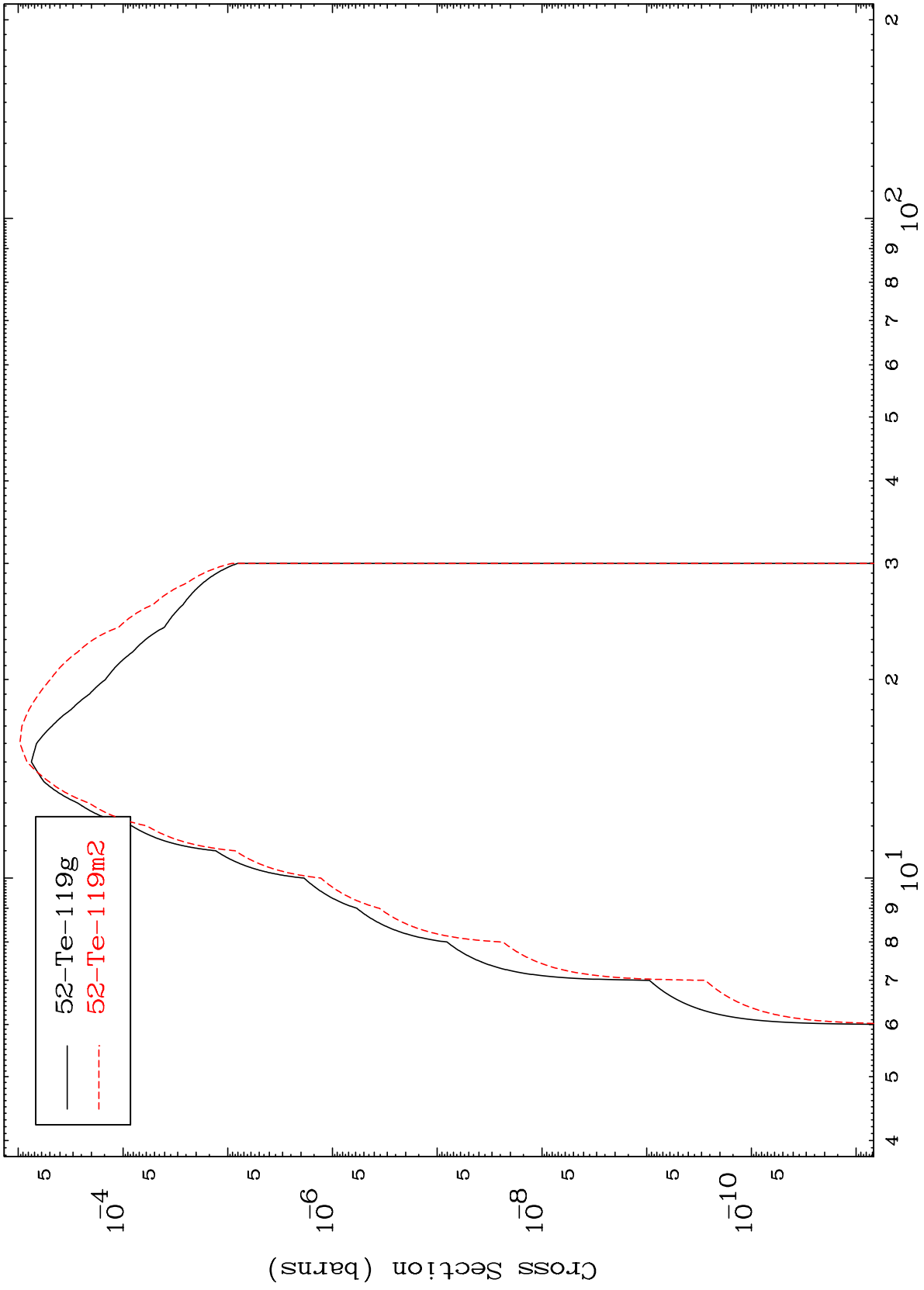
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

(n,γ)
Radionuclide Production Cross Section



16

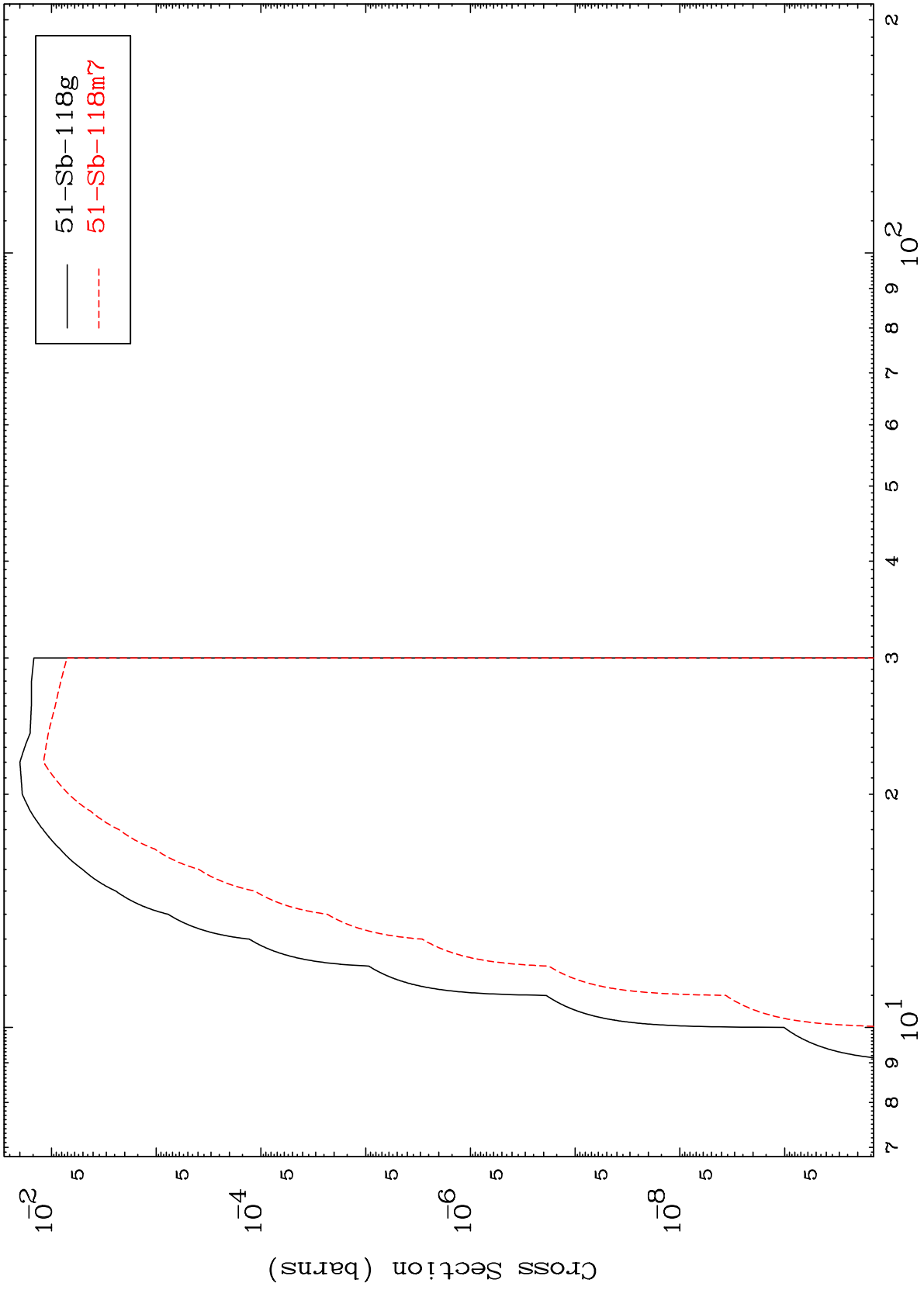
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

(n,p)
Radionuclide Production Cross Section



17

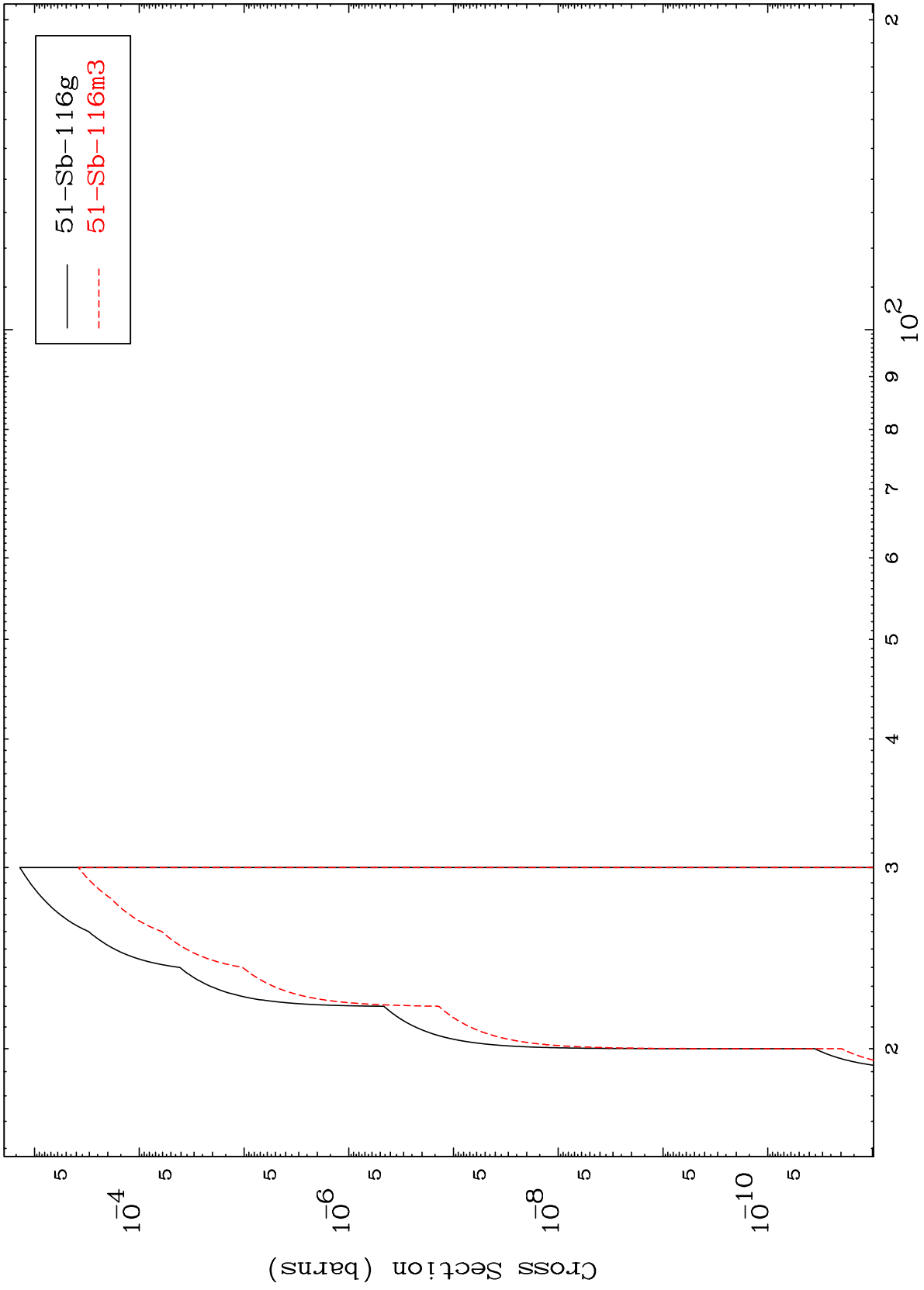
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

(n, t)
Radionuclide Production Cross Section



18

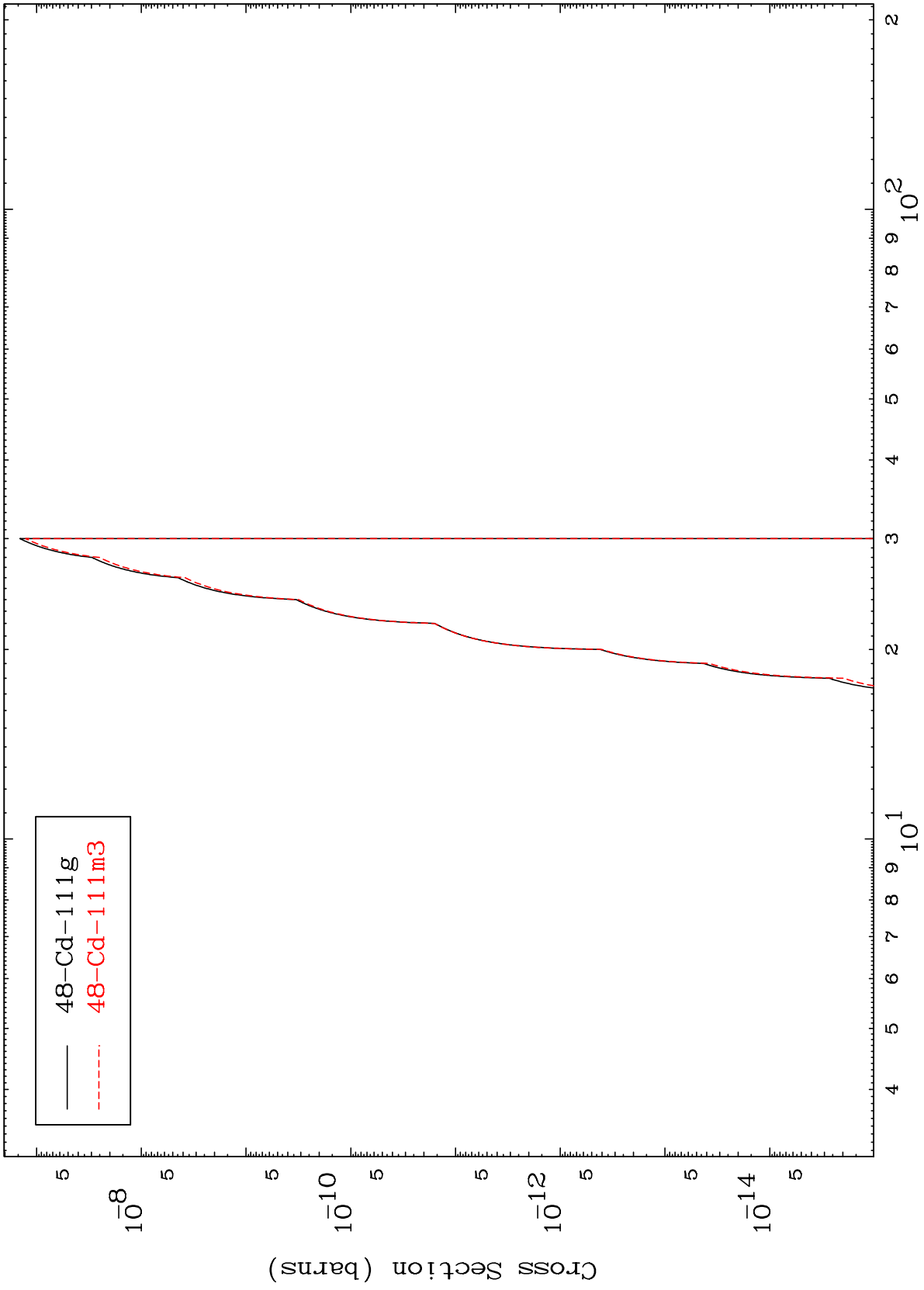
Incident Energy (MeV)

50-Sn-115

MAT 5034

50-Sn-115

(n,2α)
Radionuclide Production Cross Section



19

50-Sn-115

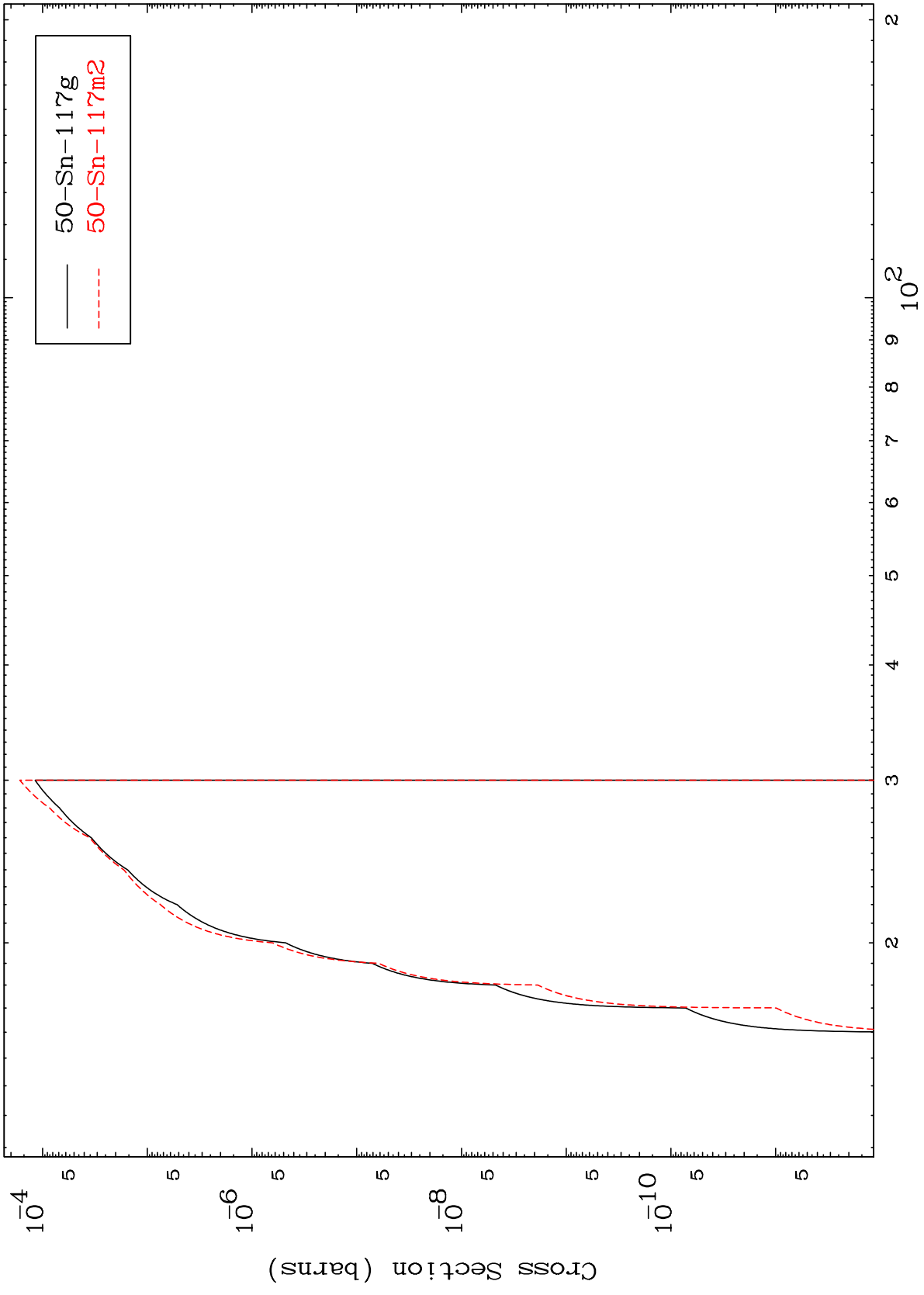
Incident Energy (MeV)

MAT 5034

(n,2p)

50-Sn-115

Radionuclide Production Cross Section



20

Incident Energy (MeV)

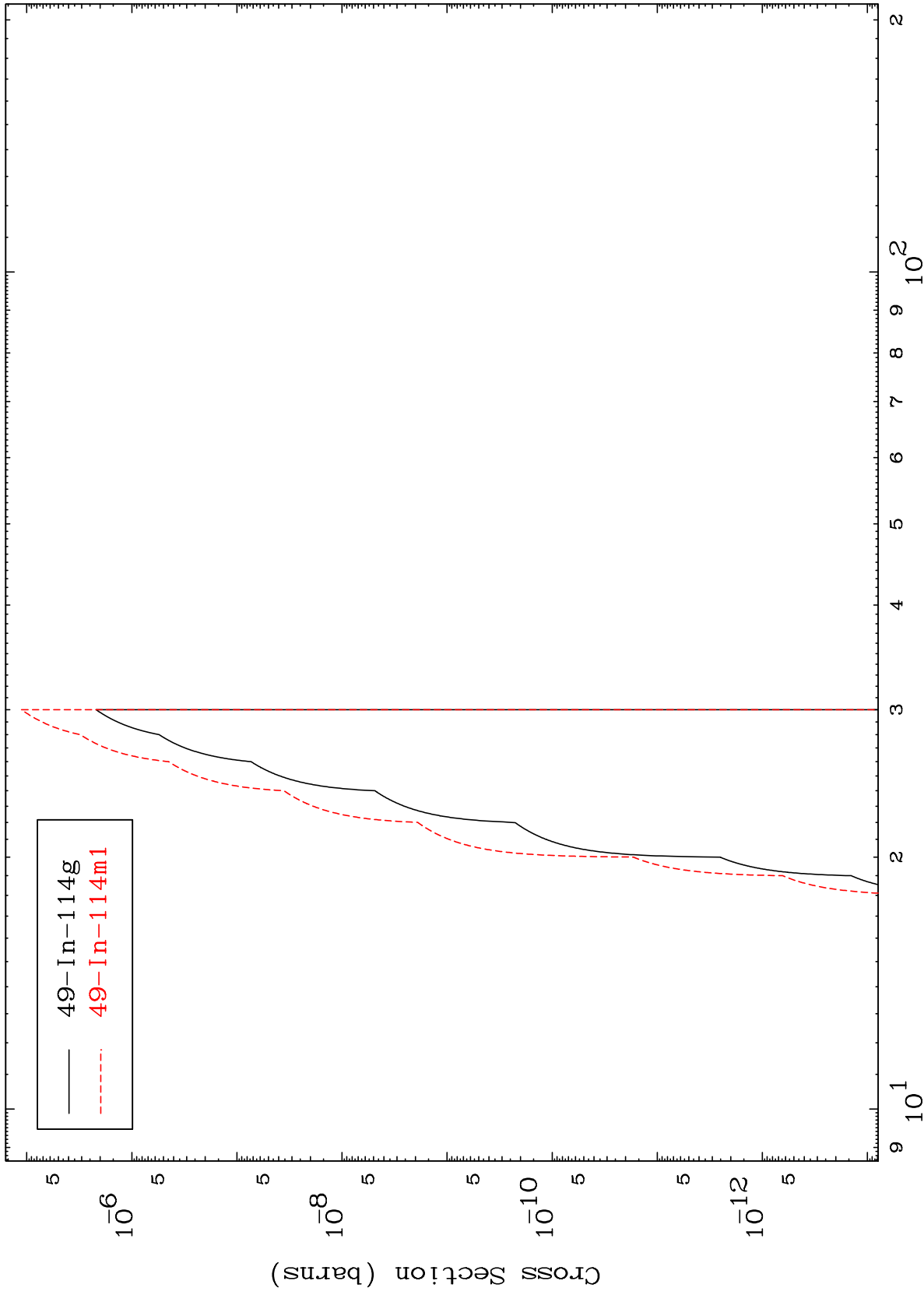
50-Sn-115

MAT 5034

(n,p) α

50-Sn-115

Radionuclide Production Cross Section



21

Incident Energy (MeV)

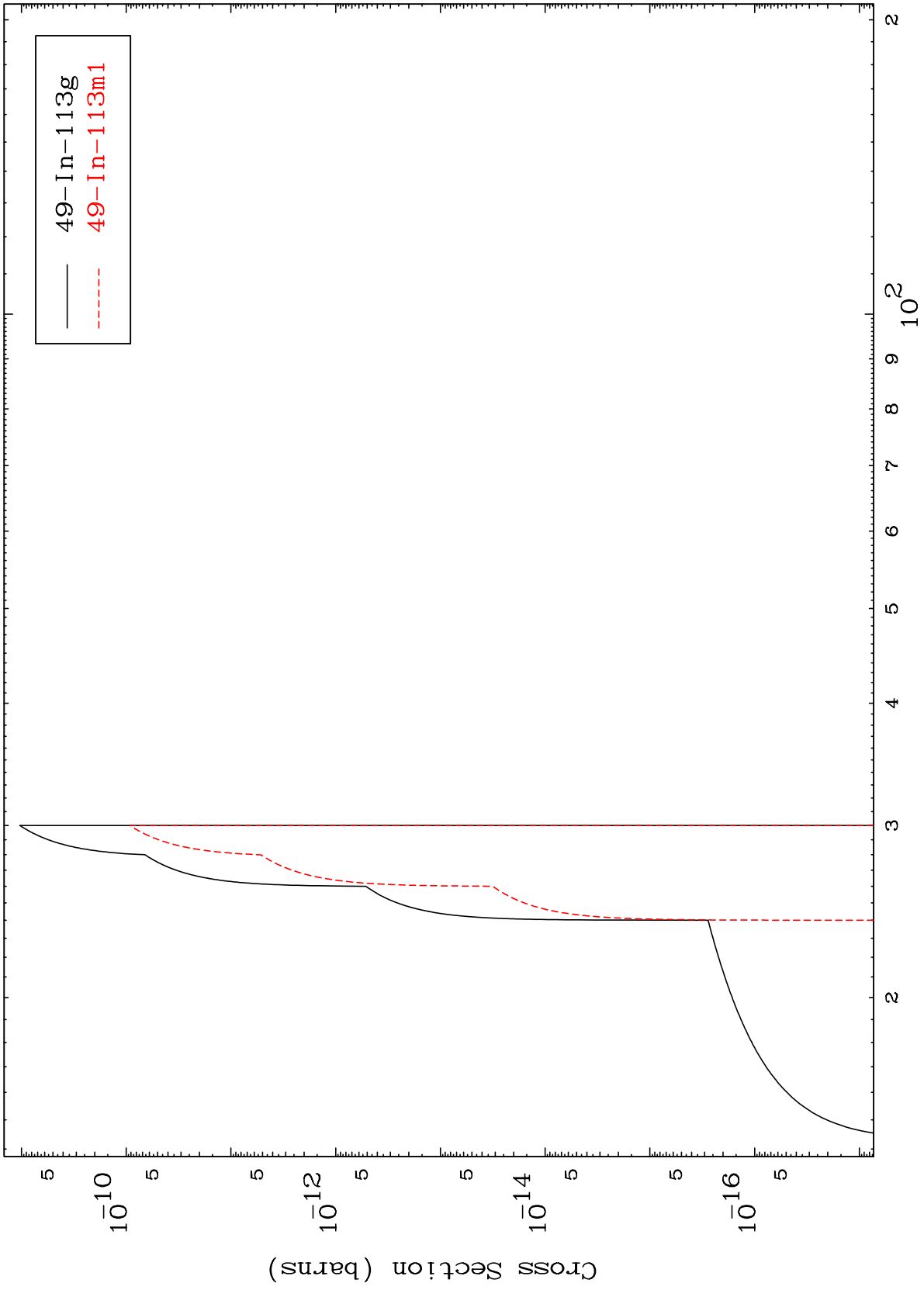
50-Sn-115

MAT 5034

(n,d) α

50-Sn-115

Radionuclide Production Cross Section



22

Incident Energy (MeV)

50-Sn-115