

Program EVALPLOT
(Version 2021-1)

by

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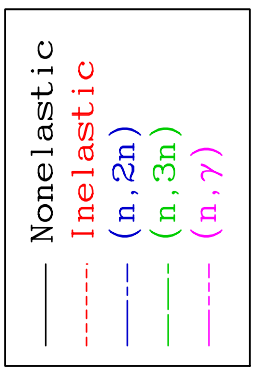
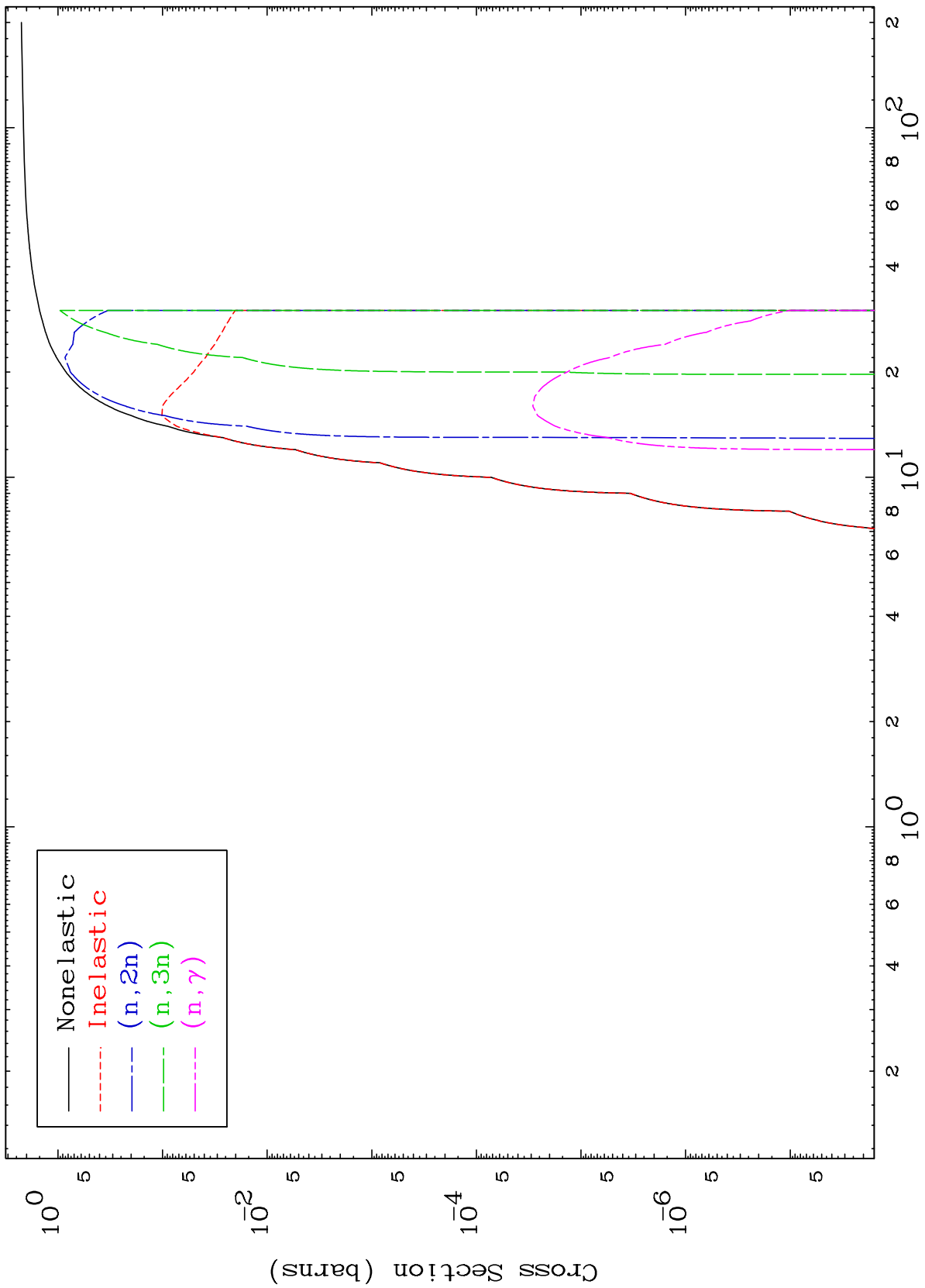
Press Mouse Button to Start

MAT 5058

α Major

50-Sn-123

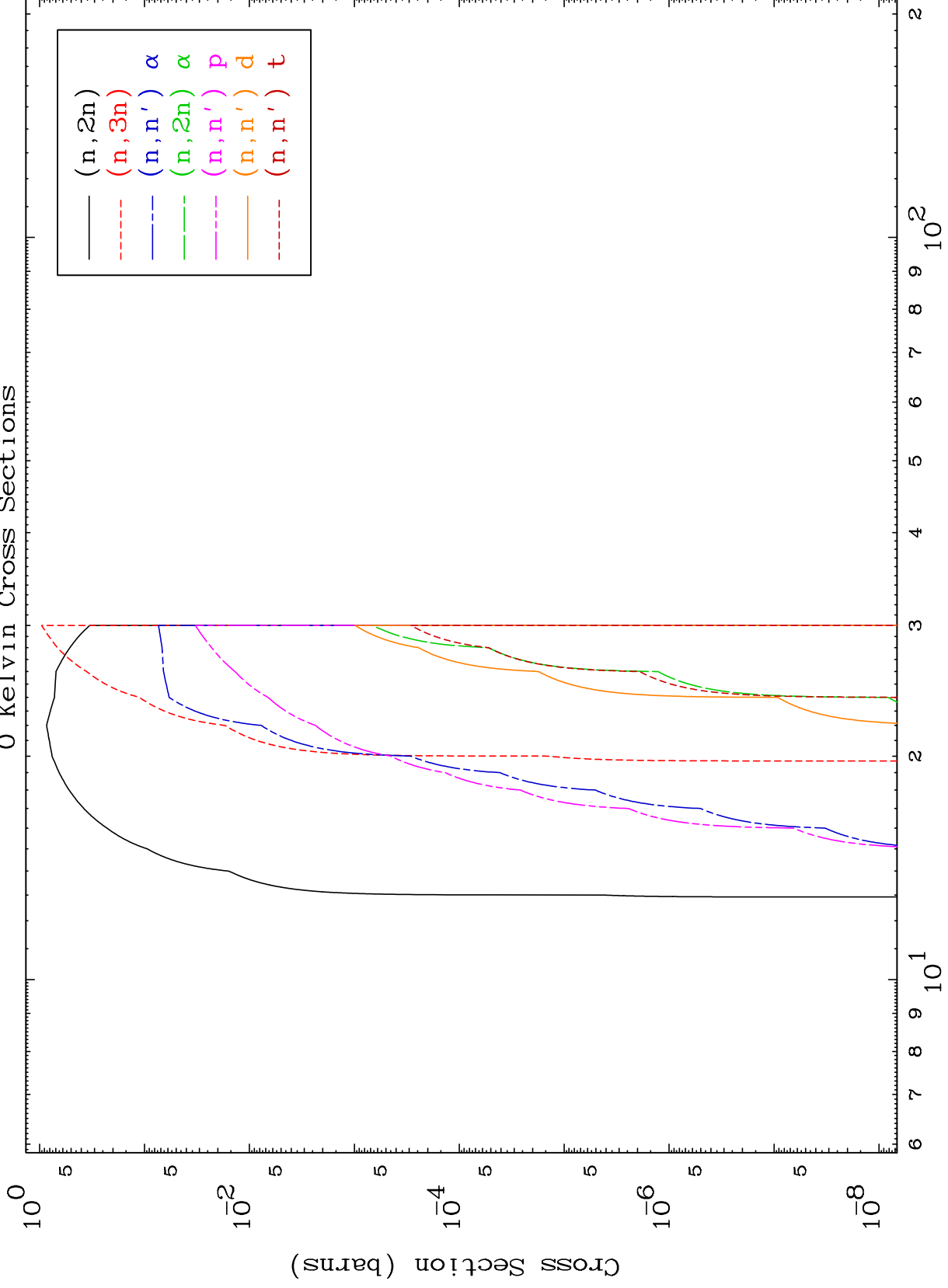
0 Kelvin Cross Sections



MAT 5058

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-123



2

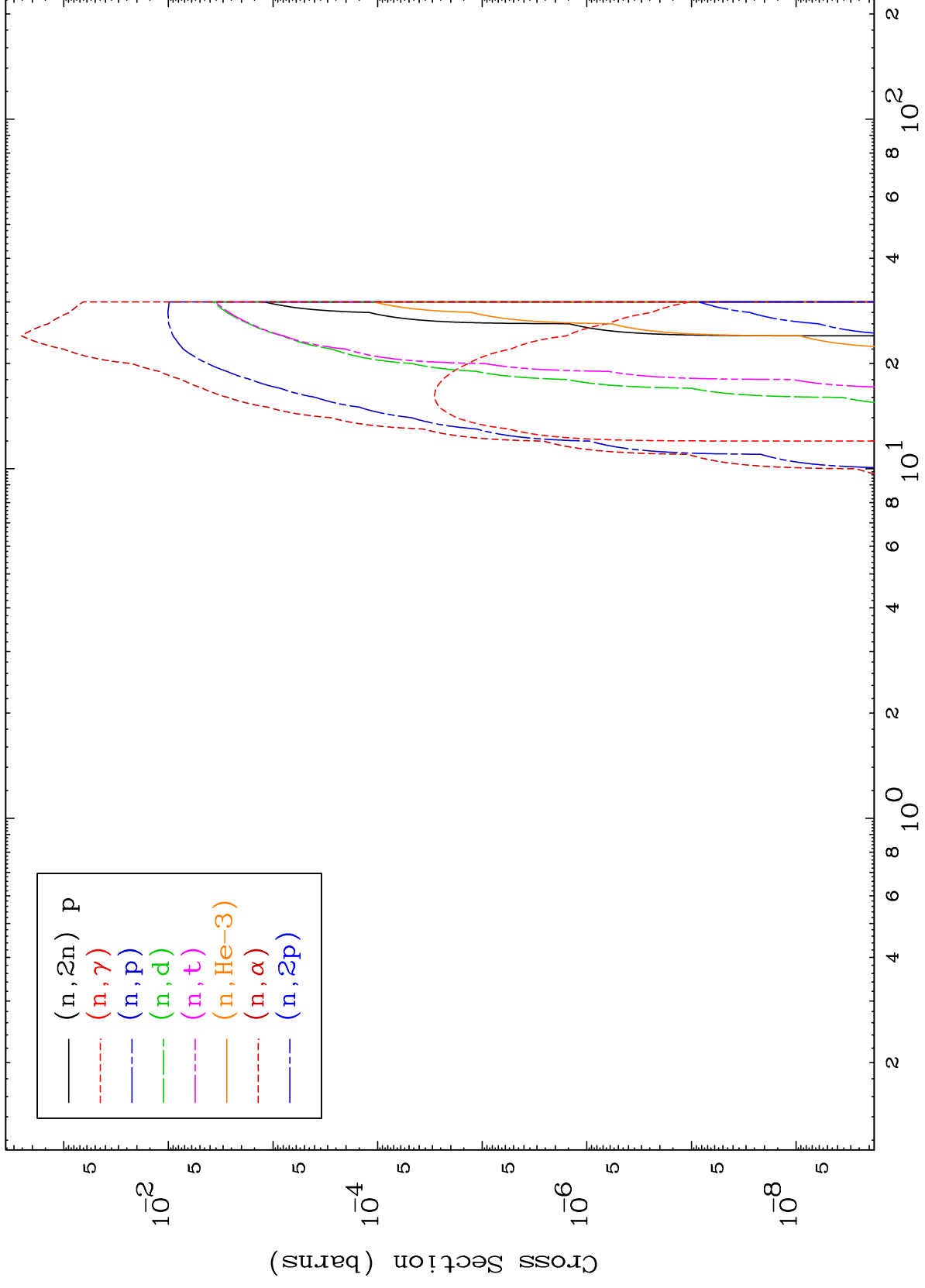
Incident Energy (MeV)

50-Sn-123

MAT 5058

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-123



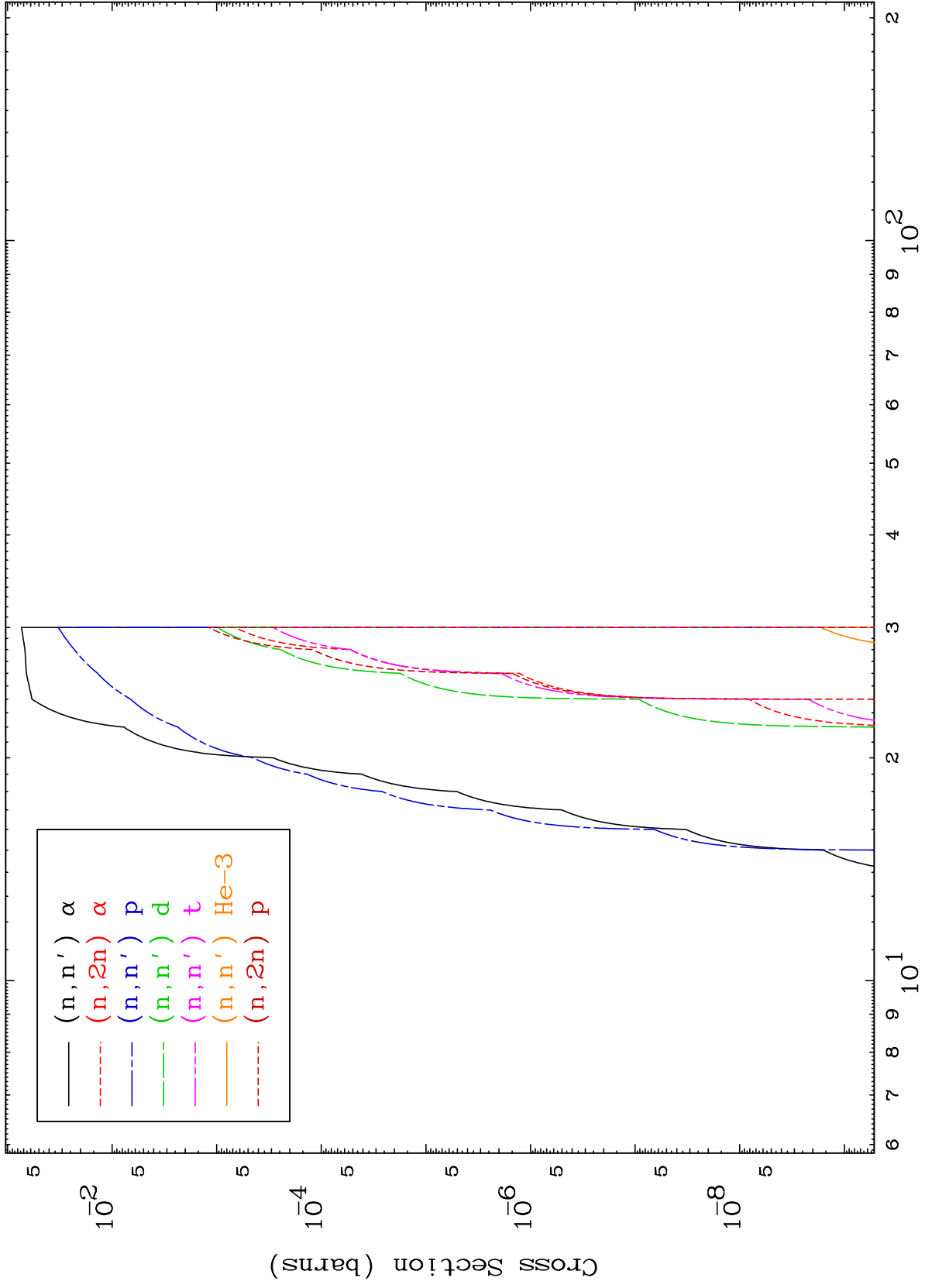
50-Sn-123

Incident Energy (MeV)

MAT 5058

α Charged Particle
0 Kelvin Cross Sections

50-Sn-123

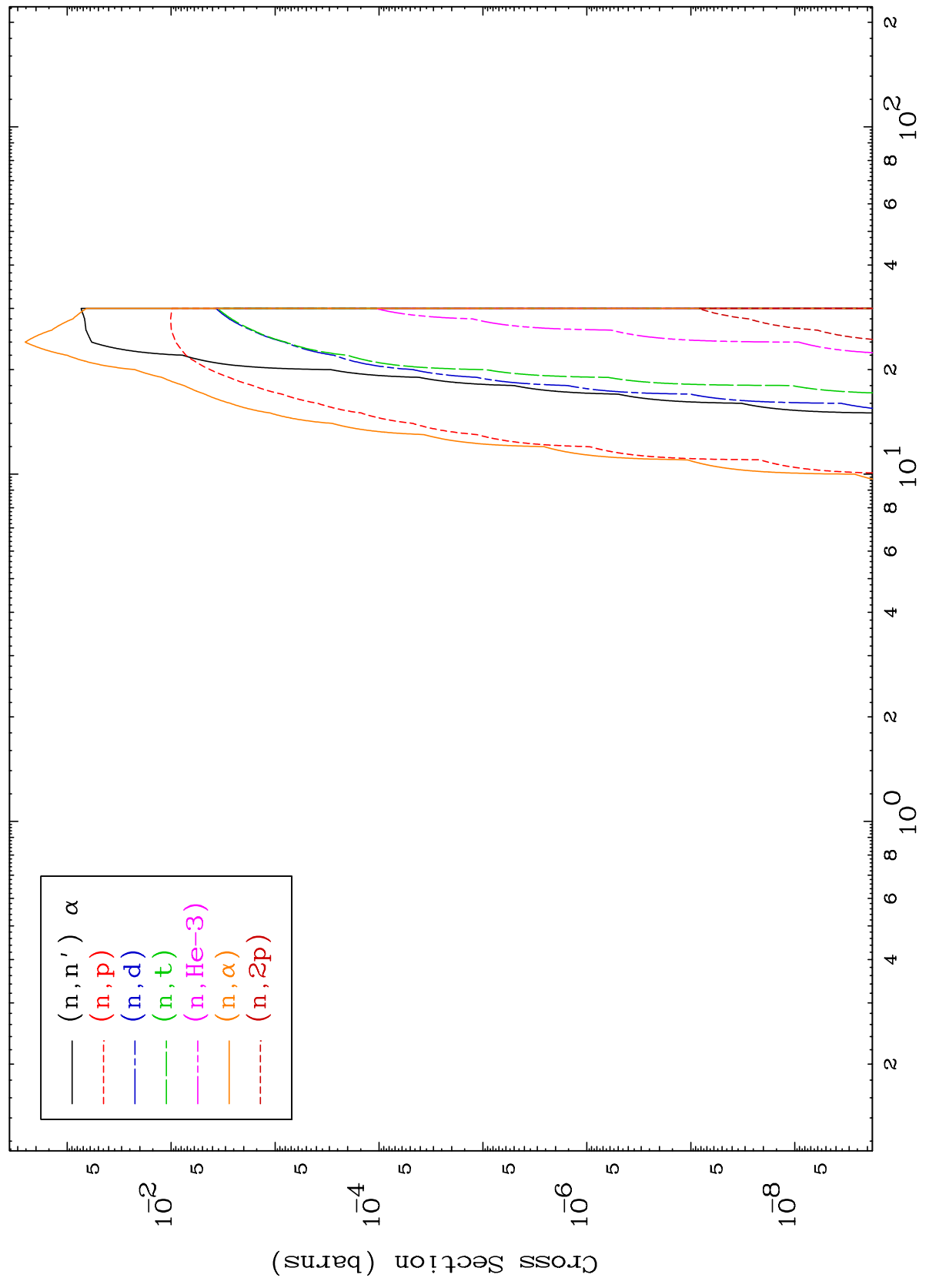


4

Incident Energy (MeV)

50-Sn-123

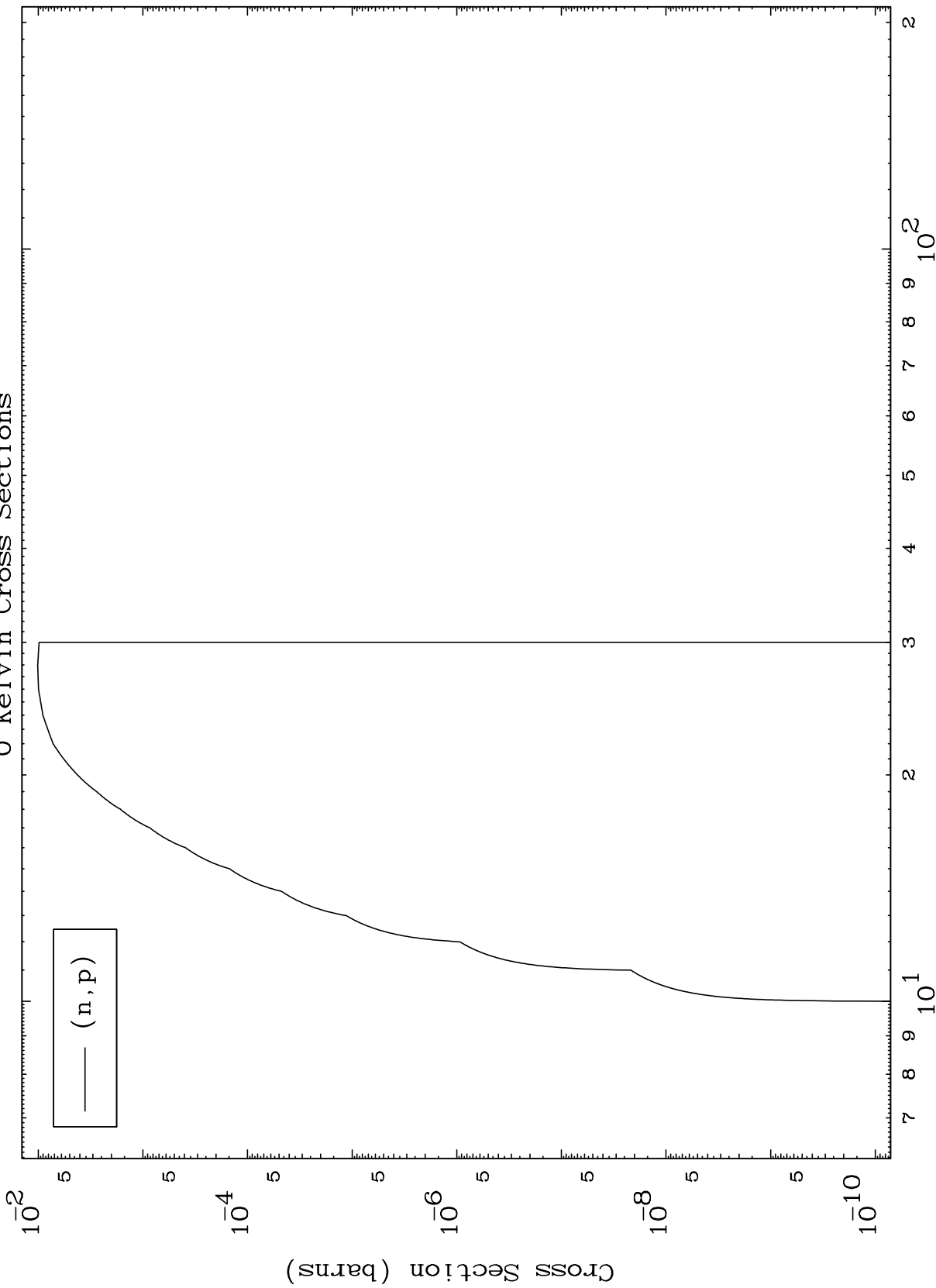
0 Kelvin Cross Sections



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(α, p) Levels
0 Kelvin Cross Sections

50-Sn-123



6

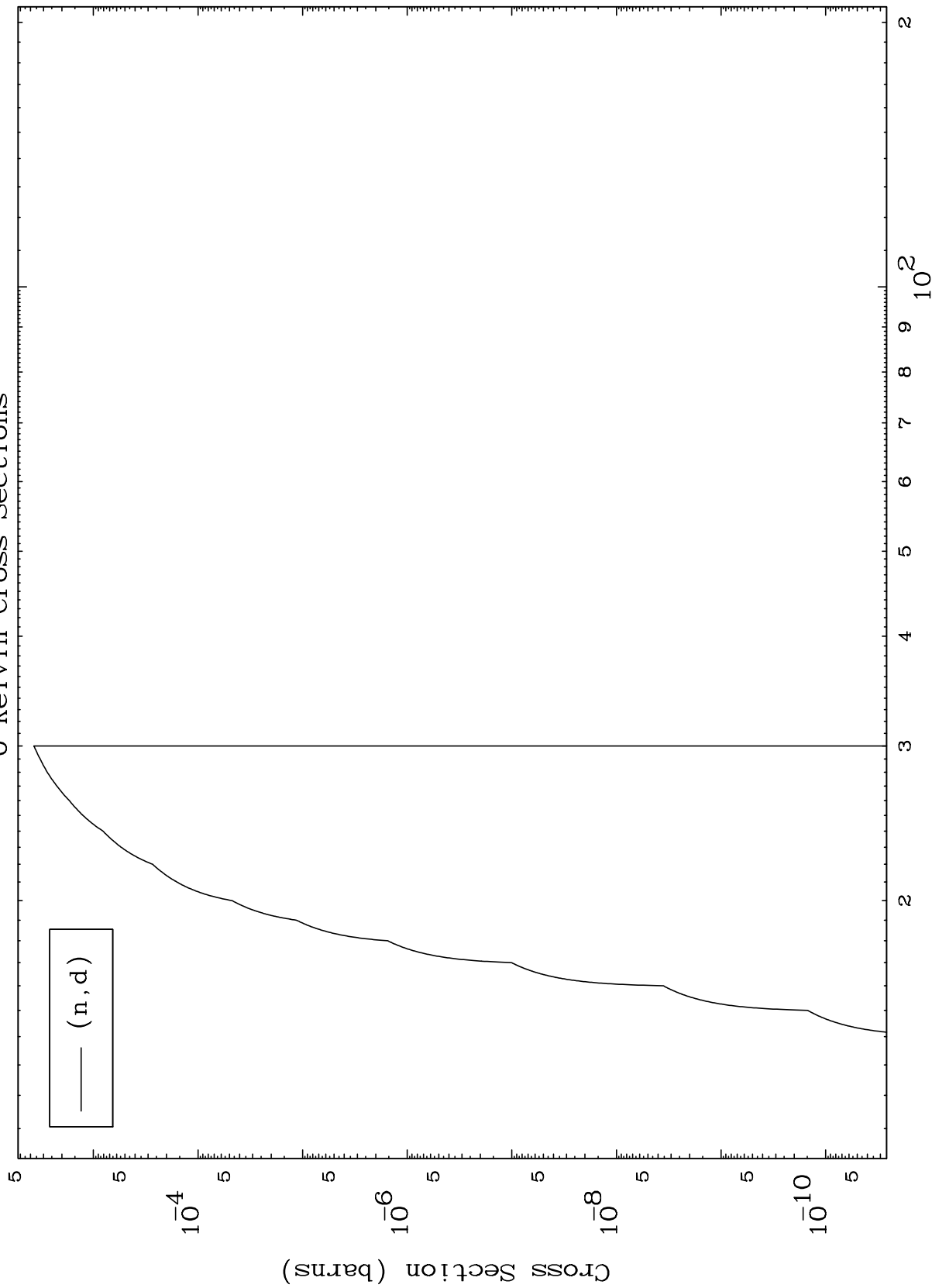
Incident Energy (MeV)

50-Sn-123

MAT 5058

50-Sn-123

(α, d) Levels
0 Kelvin Cross Sections



50-Sn-123

Incident Energy (MeV)

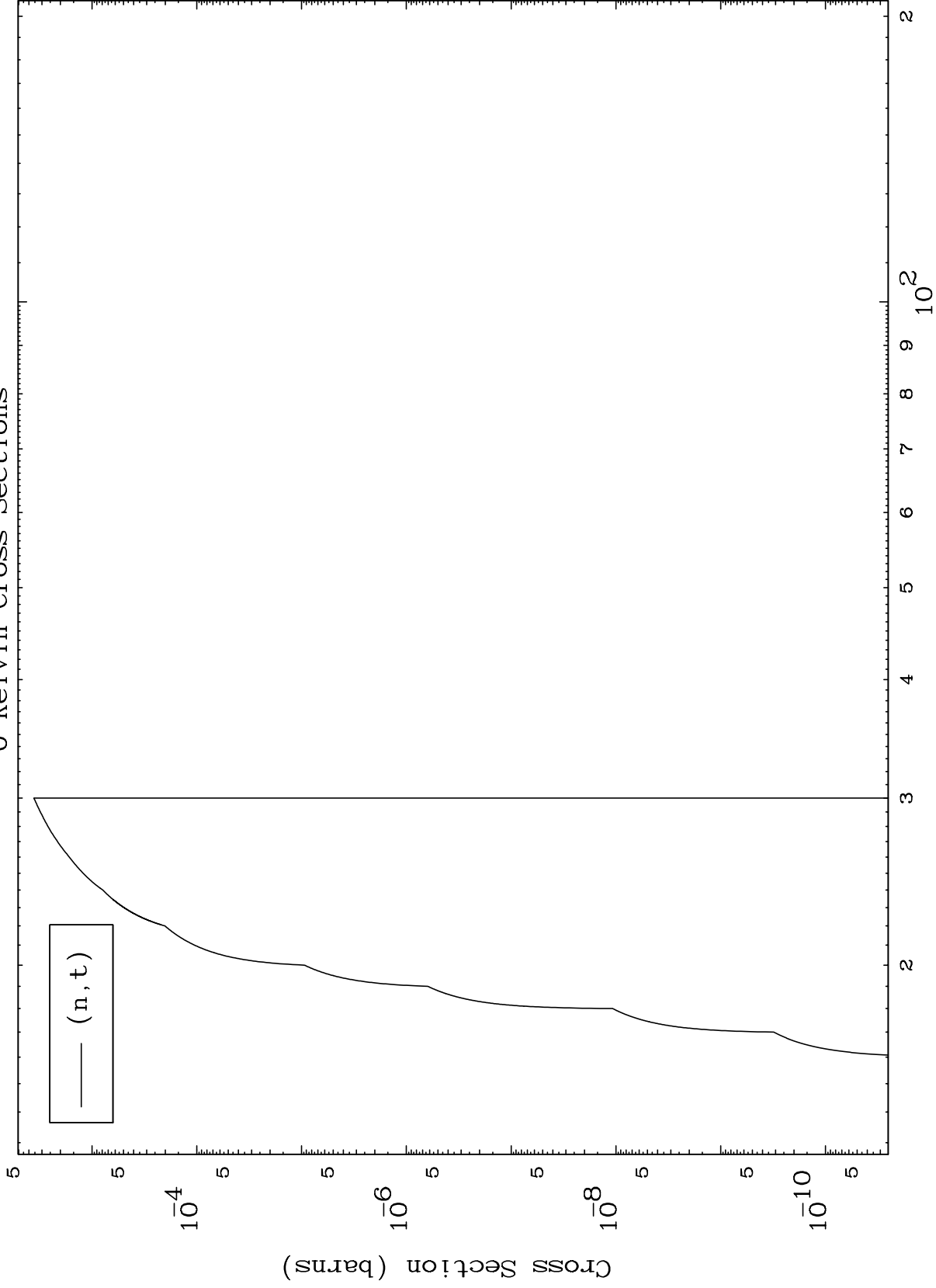
7

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(α, t) Levels

50-Sn-123

0 Kelvin Cross Sections

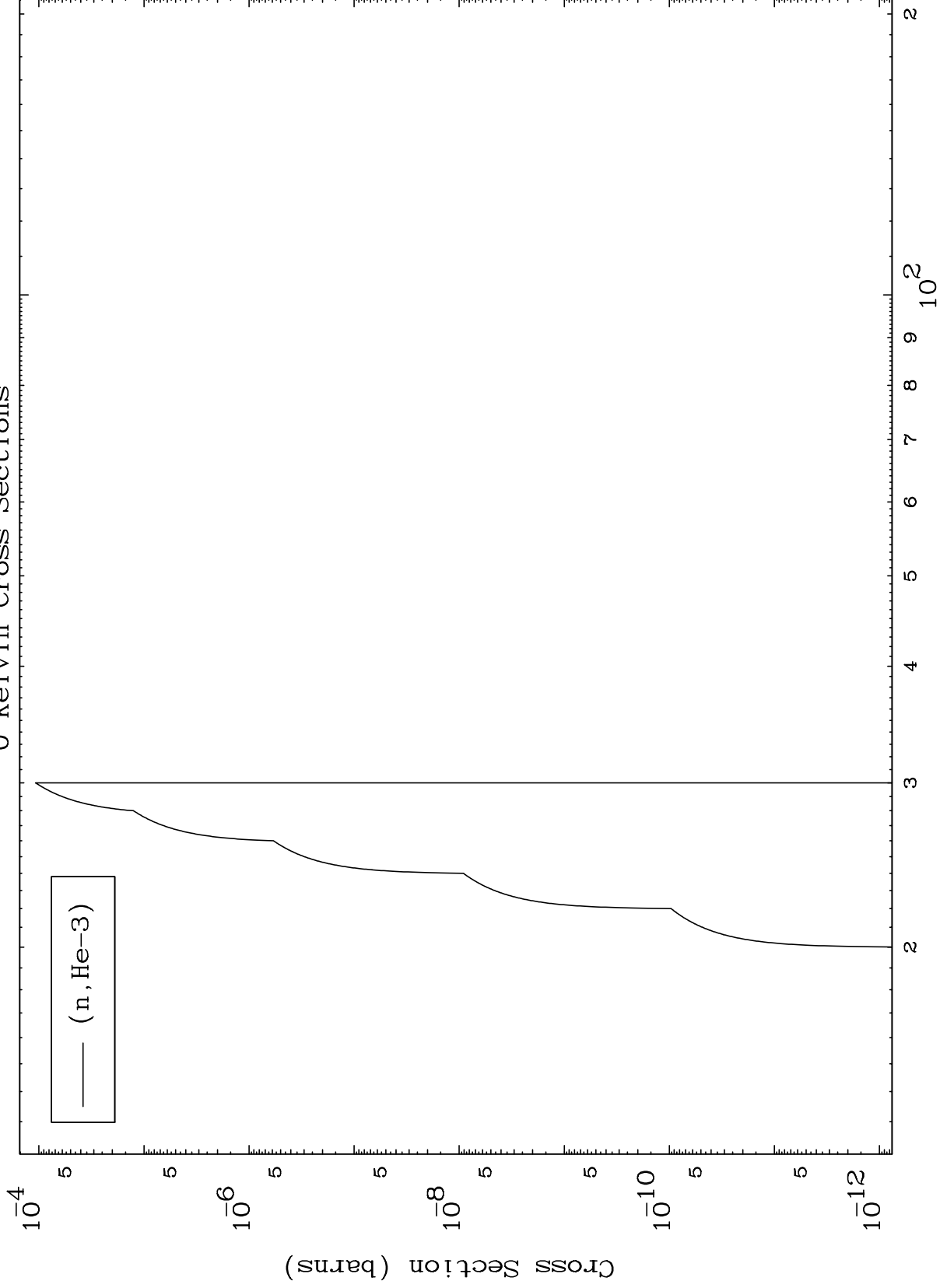


8

Incident Energy (MeV)

50-Sn-123

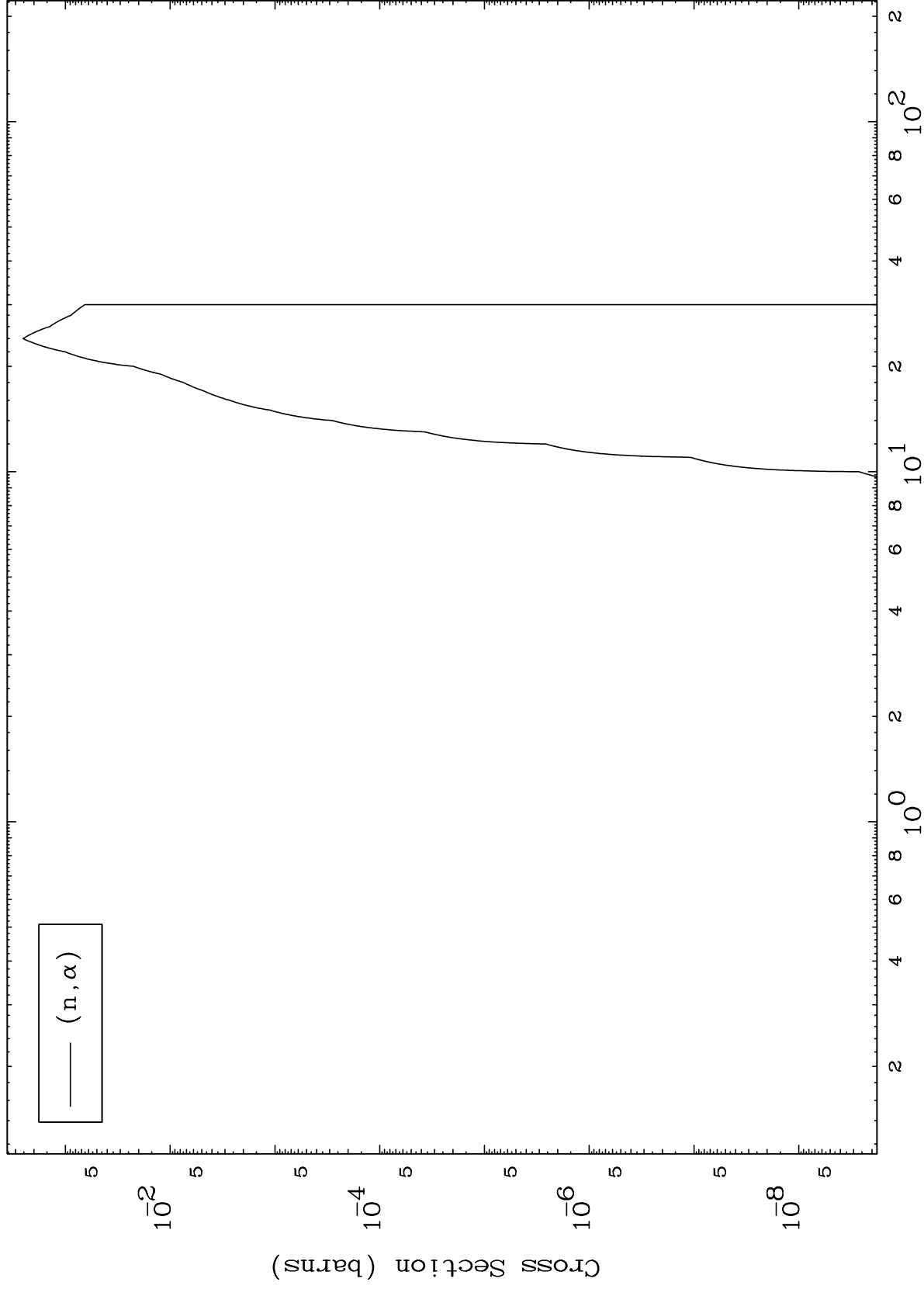
($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections



MAT 5058

50-Sn-123

(α, α) Levels
0 Kelvin Cross Sections



50-Sn-123

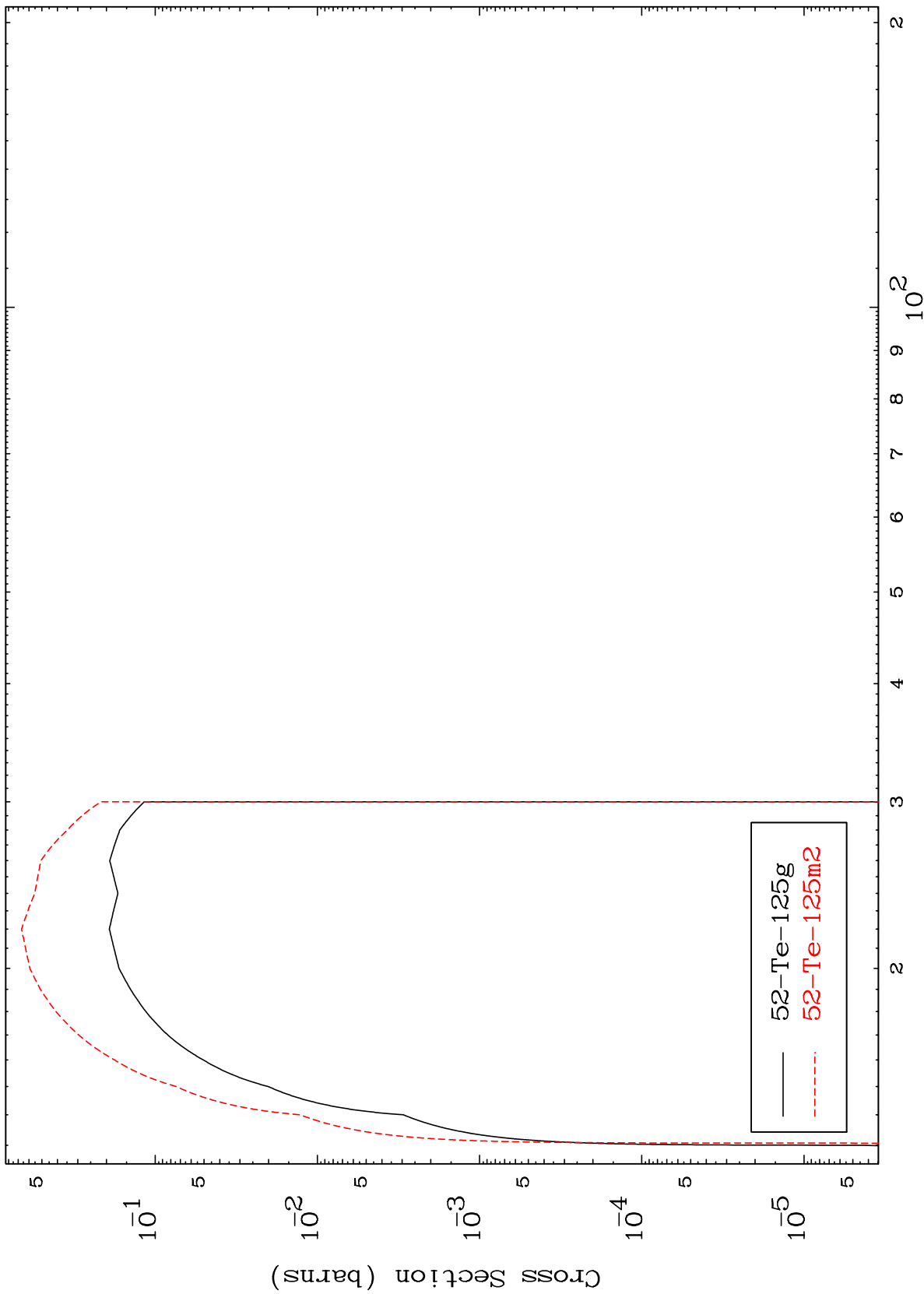
Incident Energy (MeV)

10

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50-Sn-123

(n,2n)
Radionuclide Production Cross Section



50-Sn-123

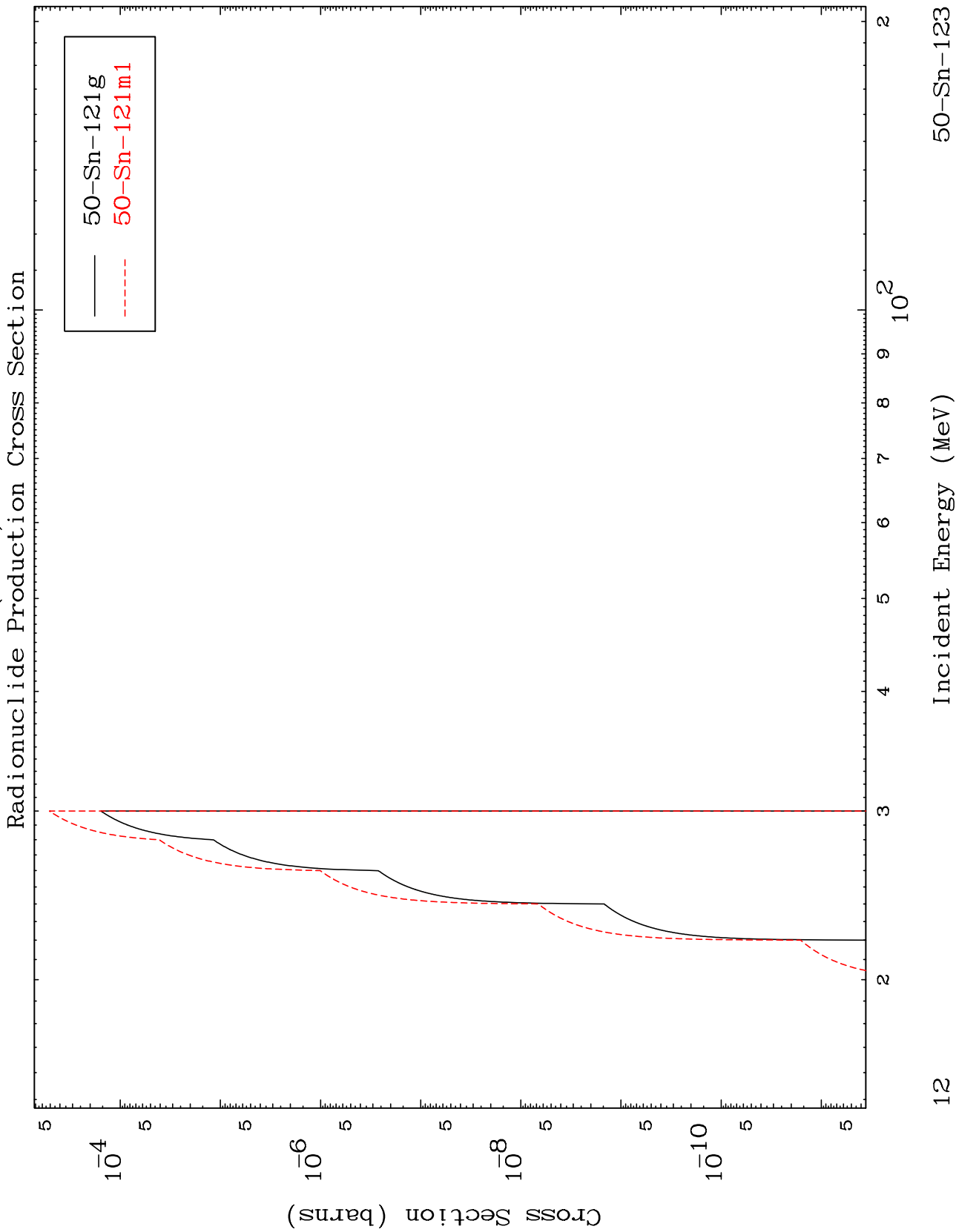
Incident Energy (MeV)

11

MAT 5058

$(n,2n) \alpha$

50-Sn-123



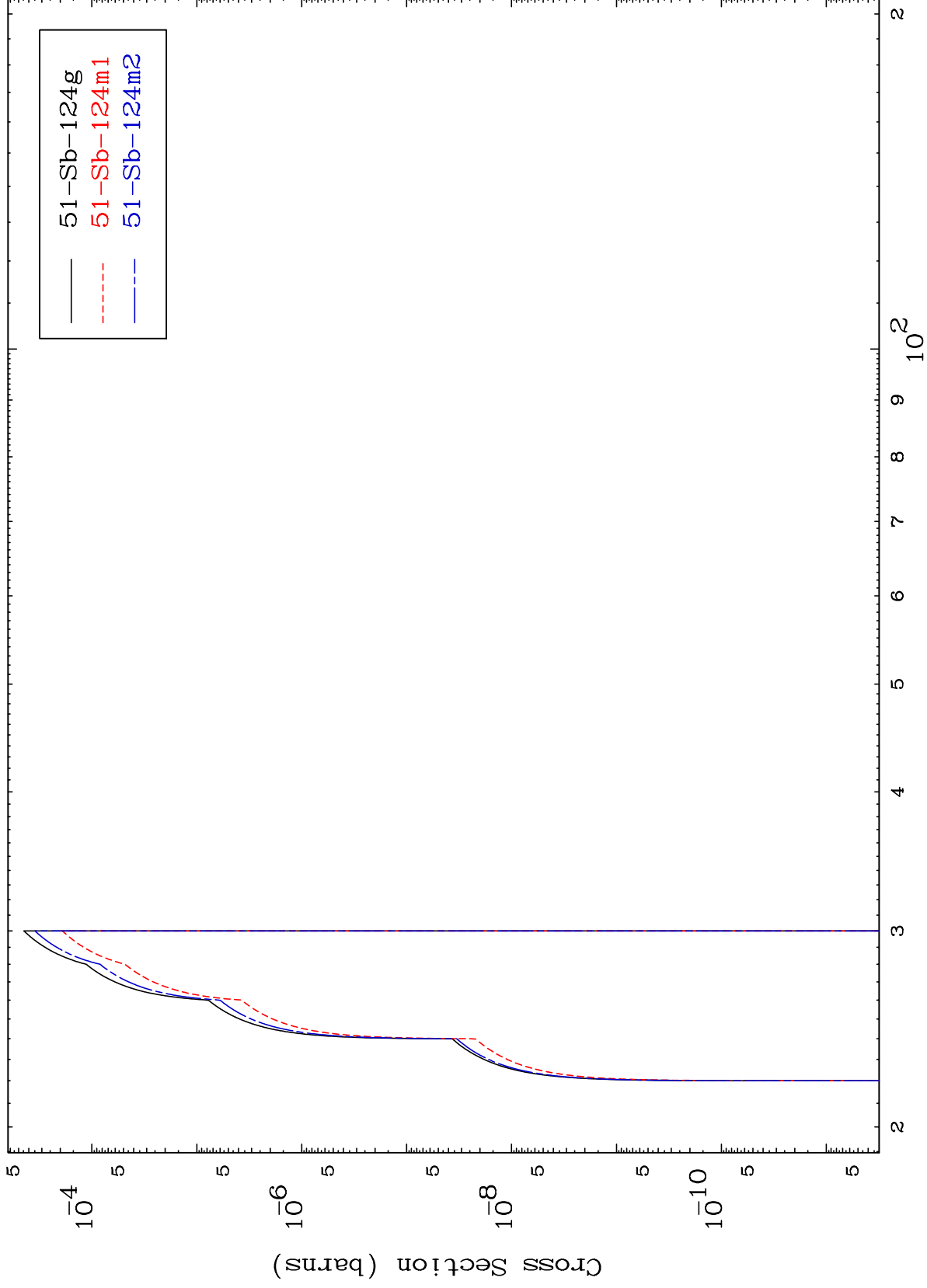
12

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(n,n') d

50-Sn-123

Radionuclide Production Cross Section



13

Incident Energy (MeV)

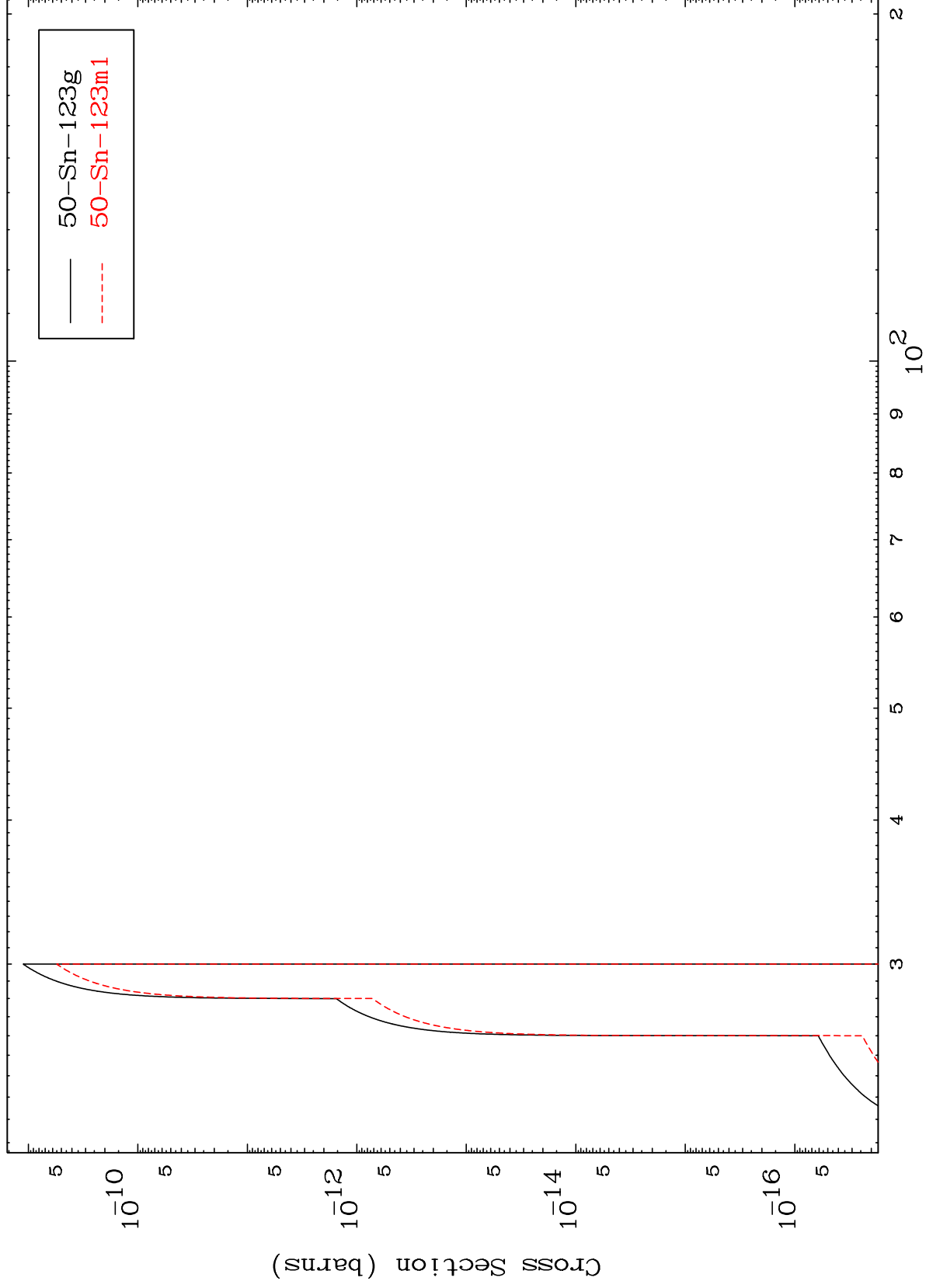
50-Sn-123

MAT 5058

(n,n') He-3

50-Sn-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

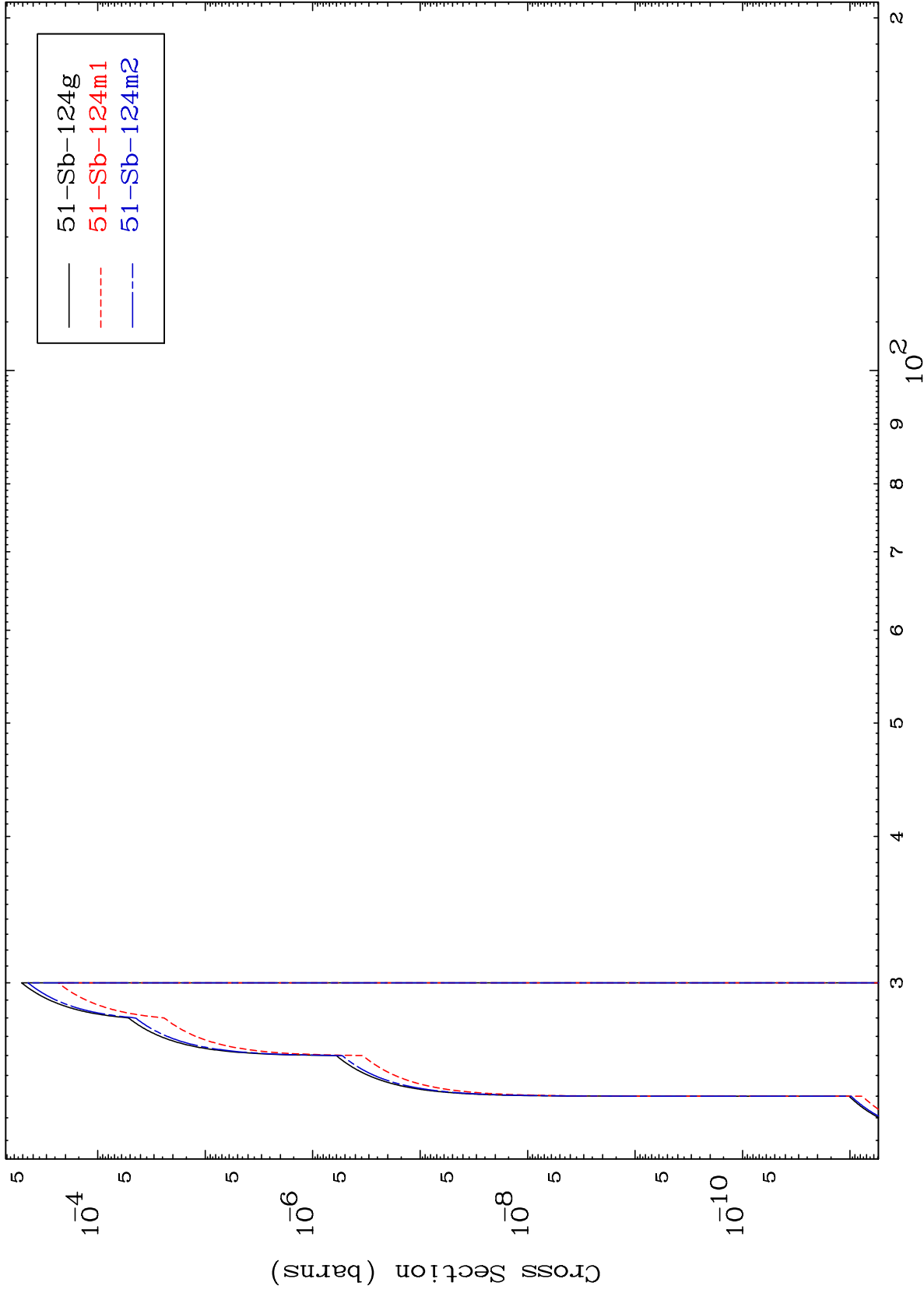
50-Sn-123

MAT 5058

(n,2n) p

50-Sn-123

Radionuclide Production Cross Section



15

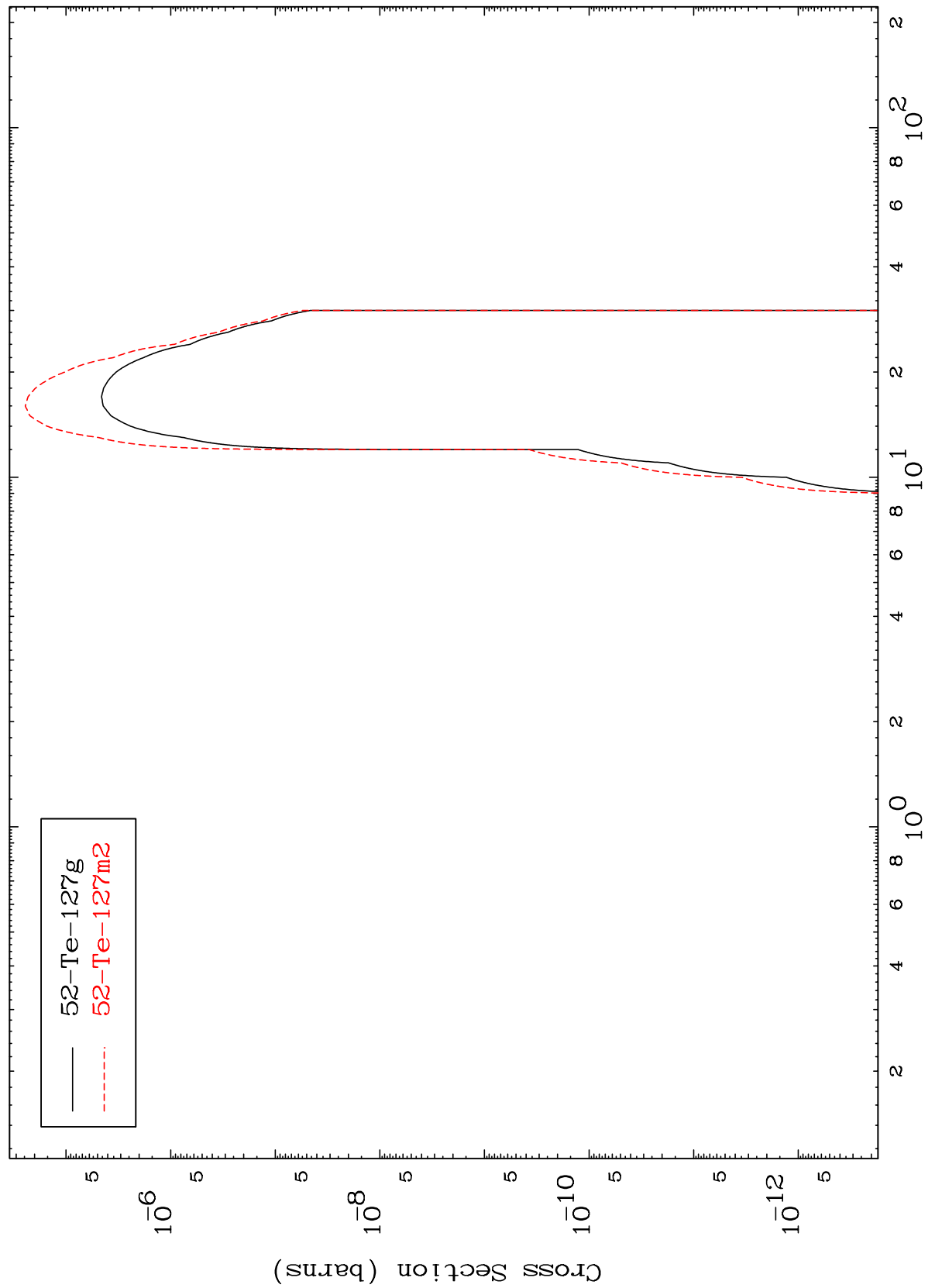
Incident Energy (MeV)

50-Sn-123

MAT 5058

50-Sn-123

(n,γ)
Radionuclide Production Cross Section

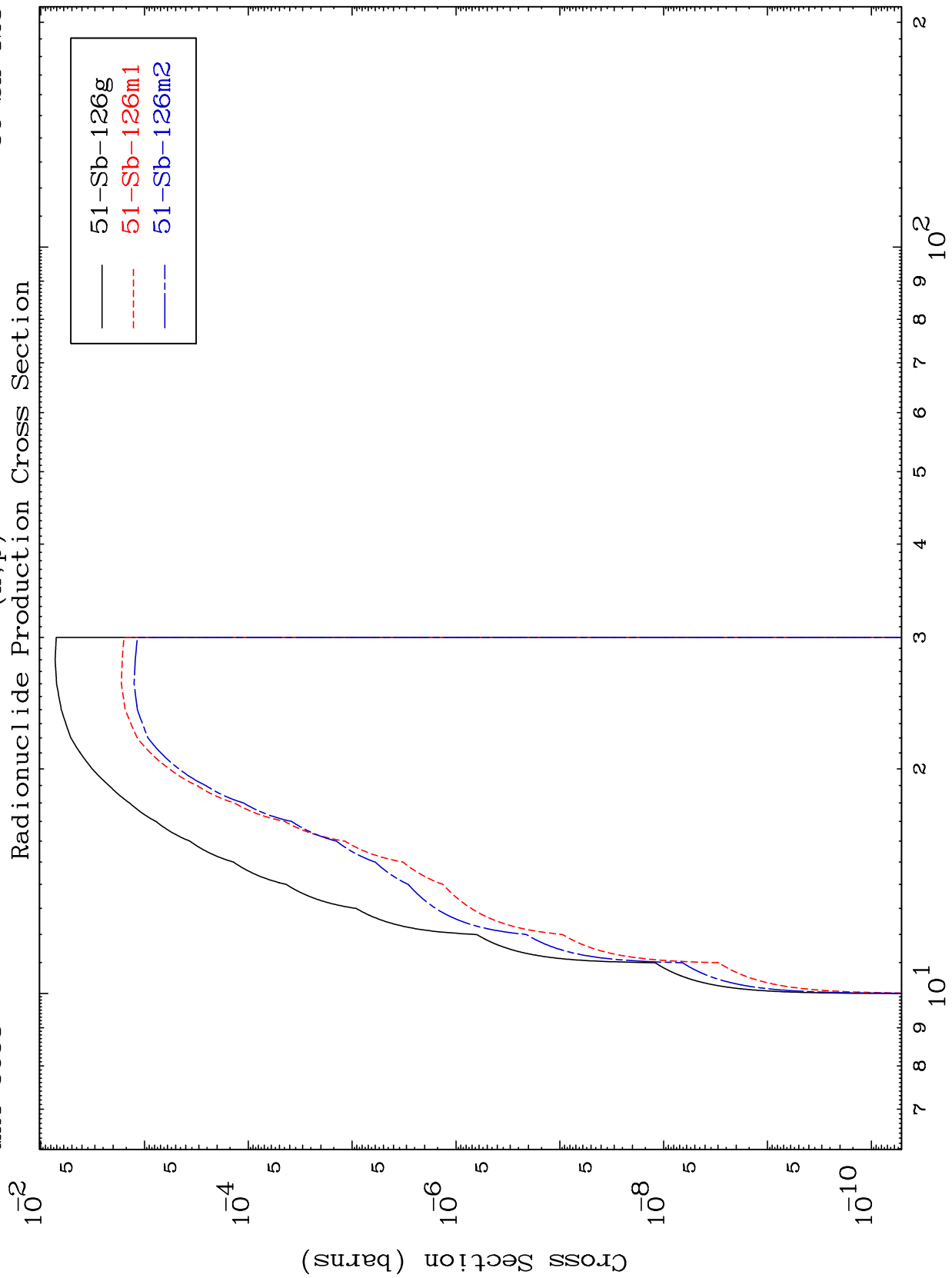


52-Te-127g
52-Te-127m2

MAT 5058

50-Sn-123

(n,p)
Radionuclide Production Cross Section



17

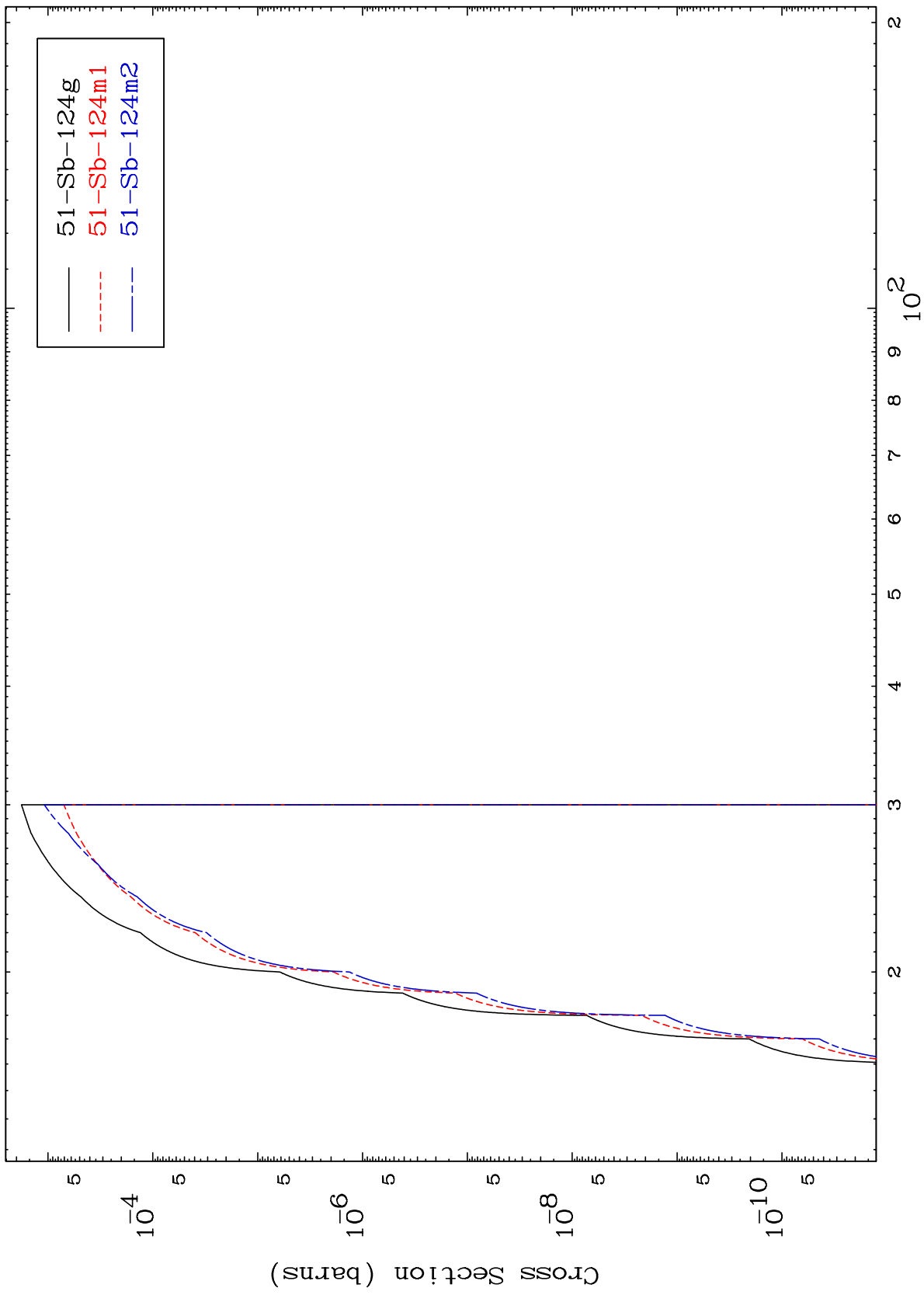
Incident Energy (MeV)

50-Sn-123

MAT 5058

50-Sn-123

(n,t)
Radionuclide Production Cross Section



18

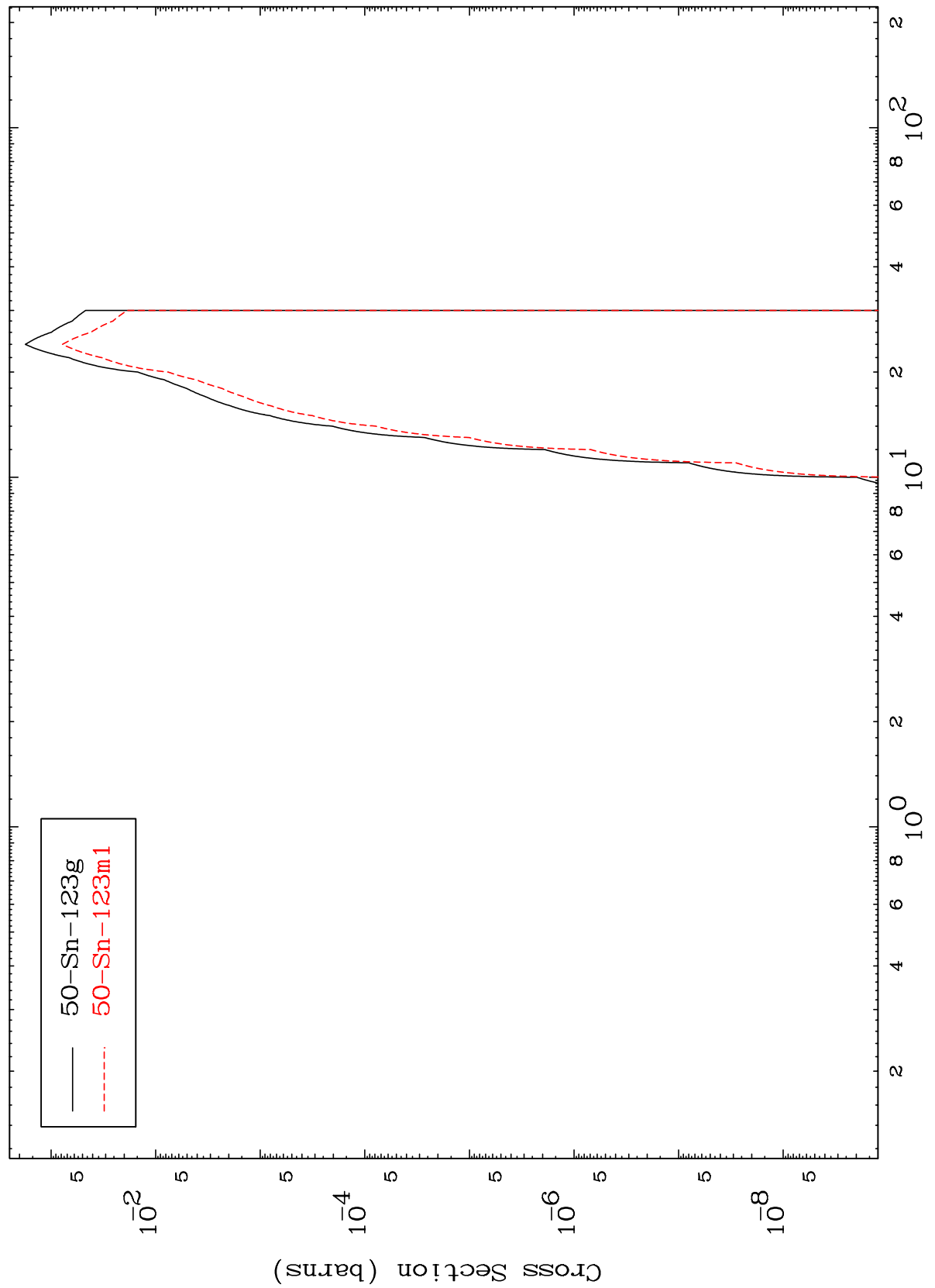
Incident Energy (MeV)

50-Sn-123

MAT 5058

50-Sn-123

Radionuclide Production Cross Section
(n, α)



50-Sn-123

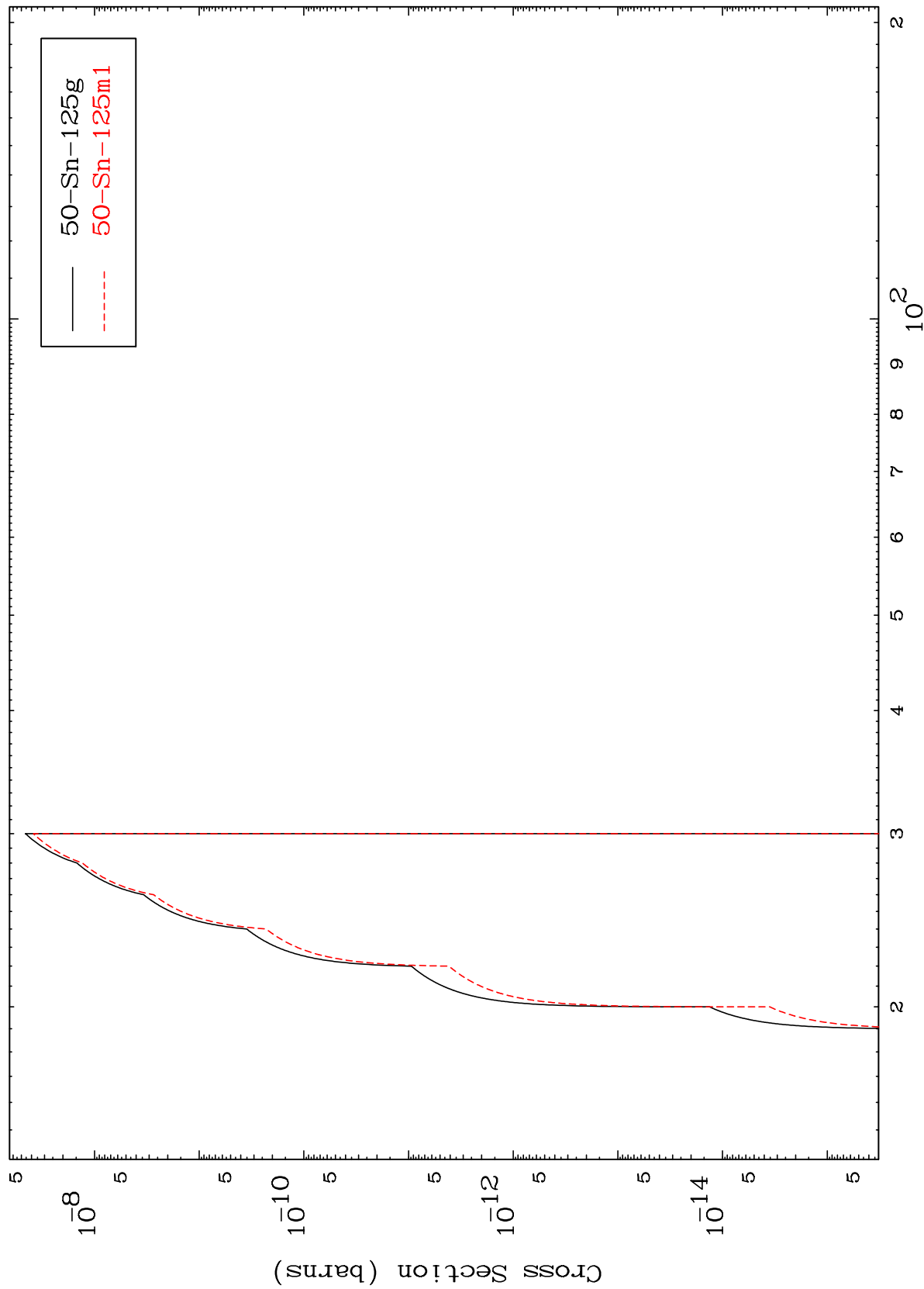
Incident Energy (MeV)

19

MAT 5058

50-Sn-123

(n,2p)
Radionuclide Production Cross Section



50-Sn-123

Incident Energy (MeV)

20