

Program EVALPLOT
(Version 2021-1)

by

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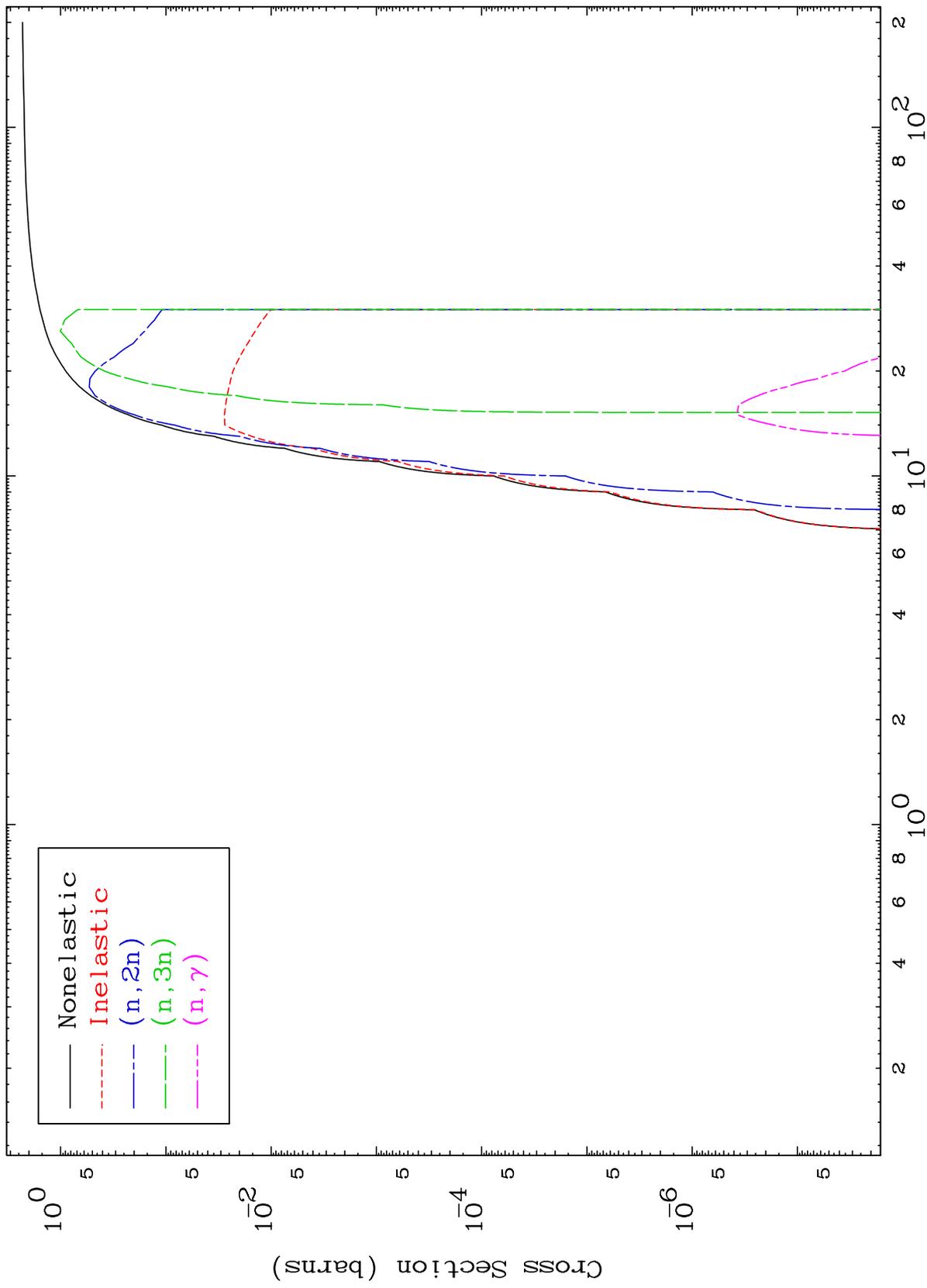
Press Mouse Button to Start

MAT 5080

α Major

50-Sn-130m

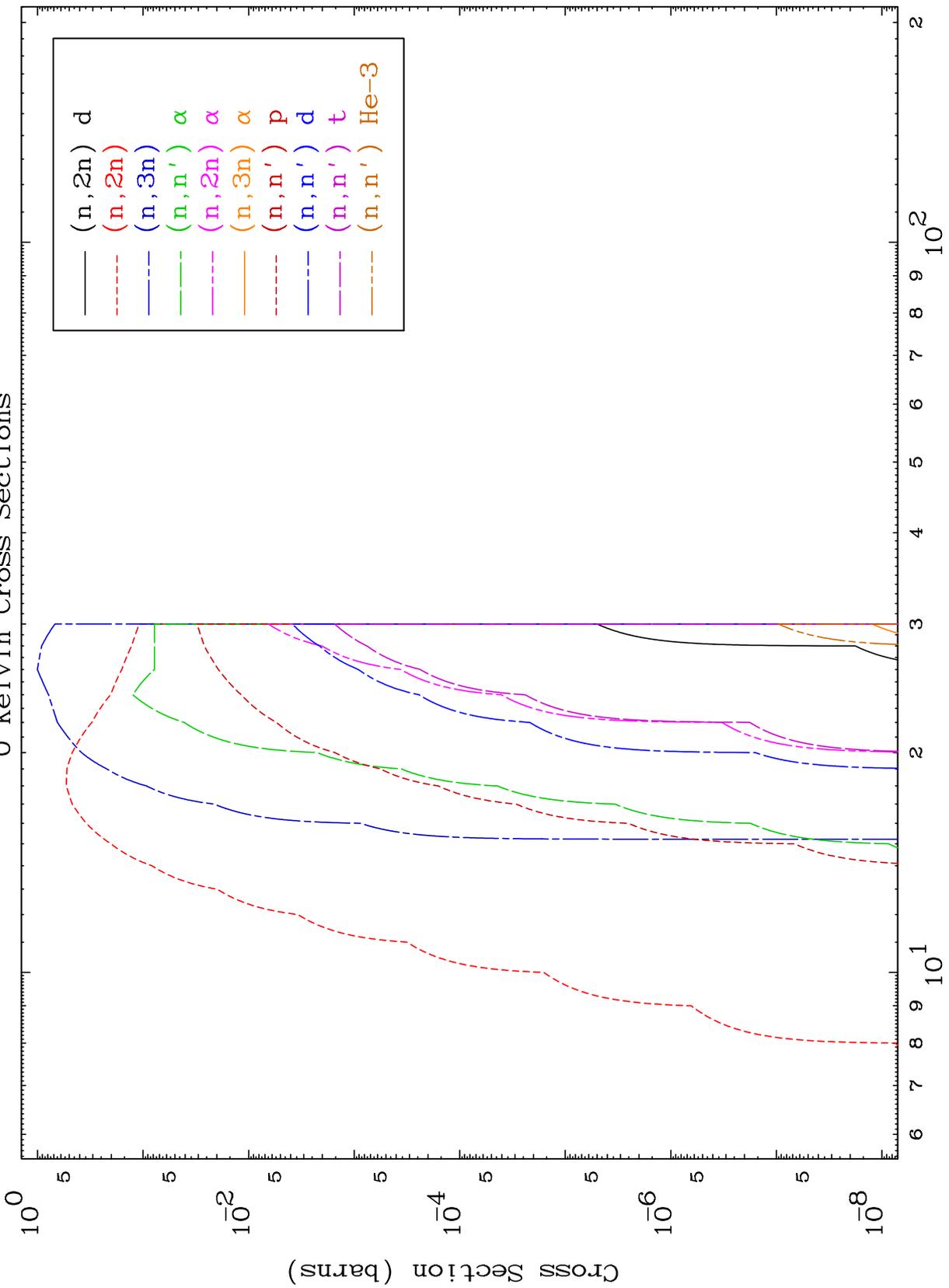
0 Kelvin Cross Sections



MAT 5080

α Neutron Absorption
0 Kelvin Cross Sections

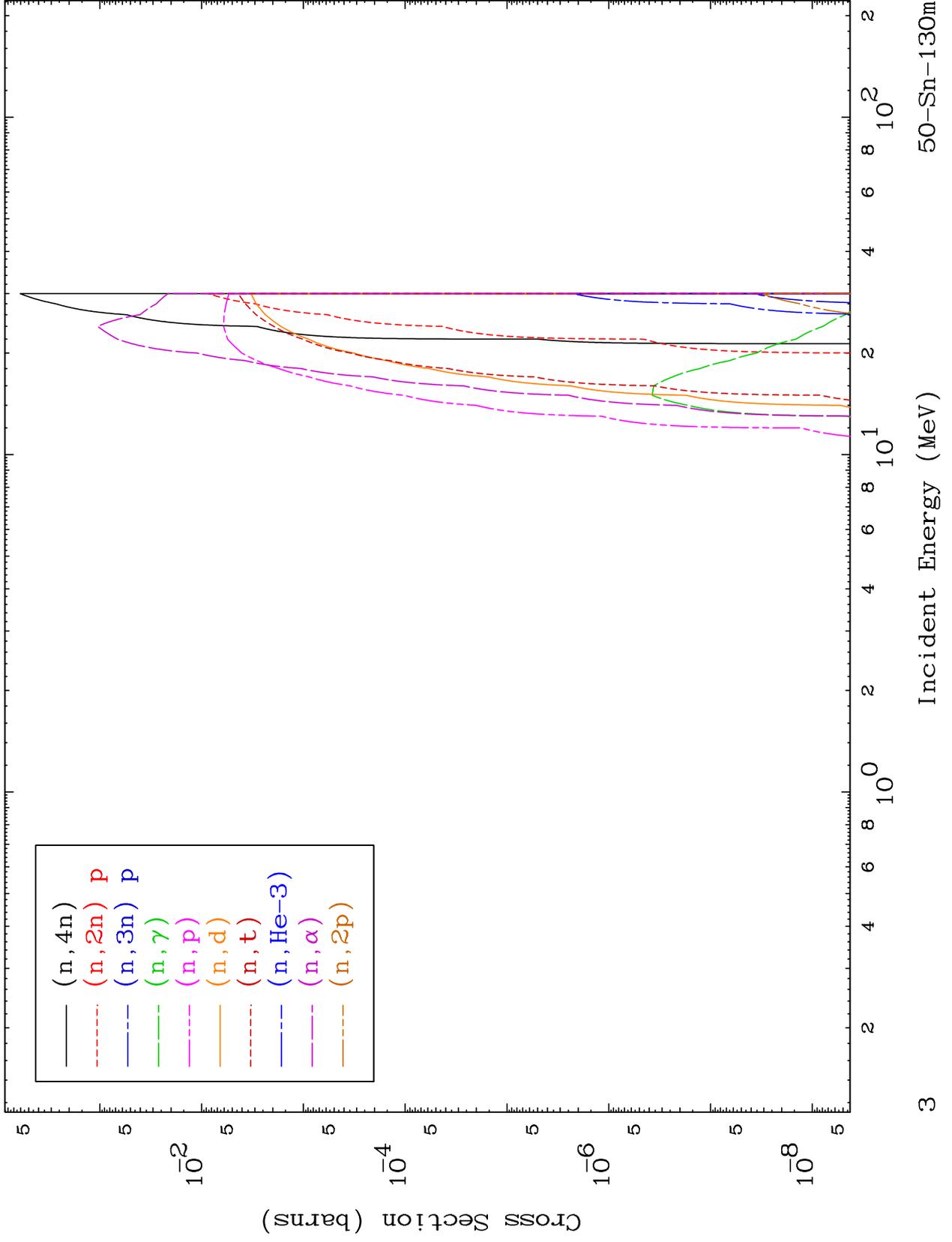
50-Sn-130m



MAT 5080

α Neutron Absorption
0 Kelvin Cross Sections

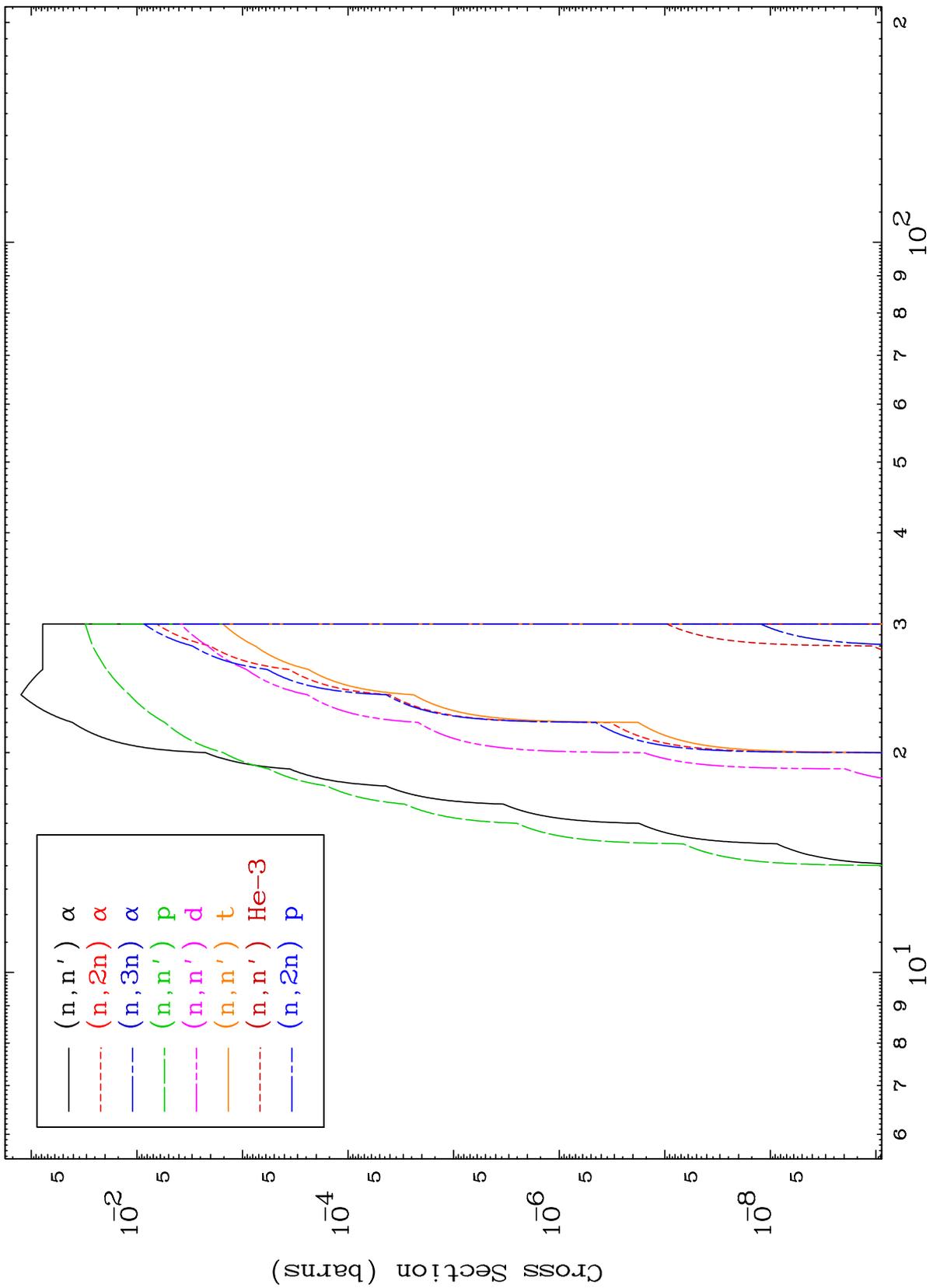
50-Sn-130m



MAT 5080

α Charged Particle
0 Kelvin Cross Sections

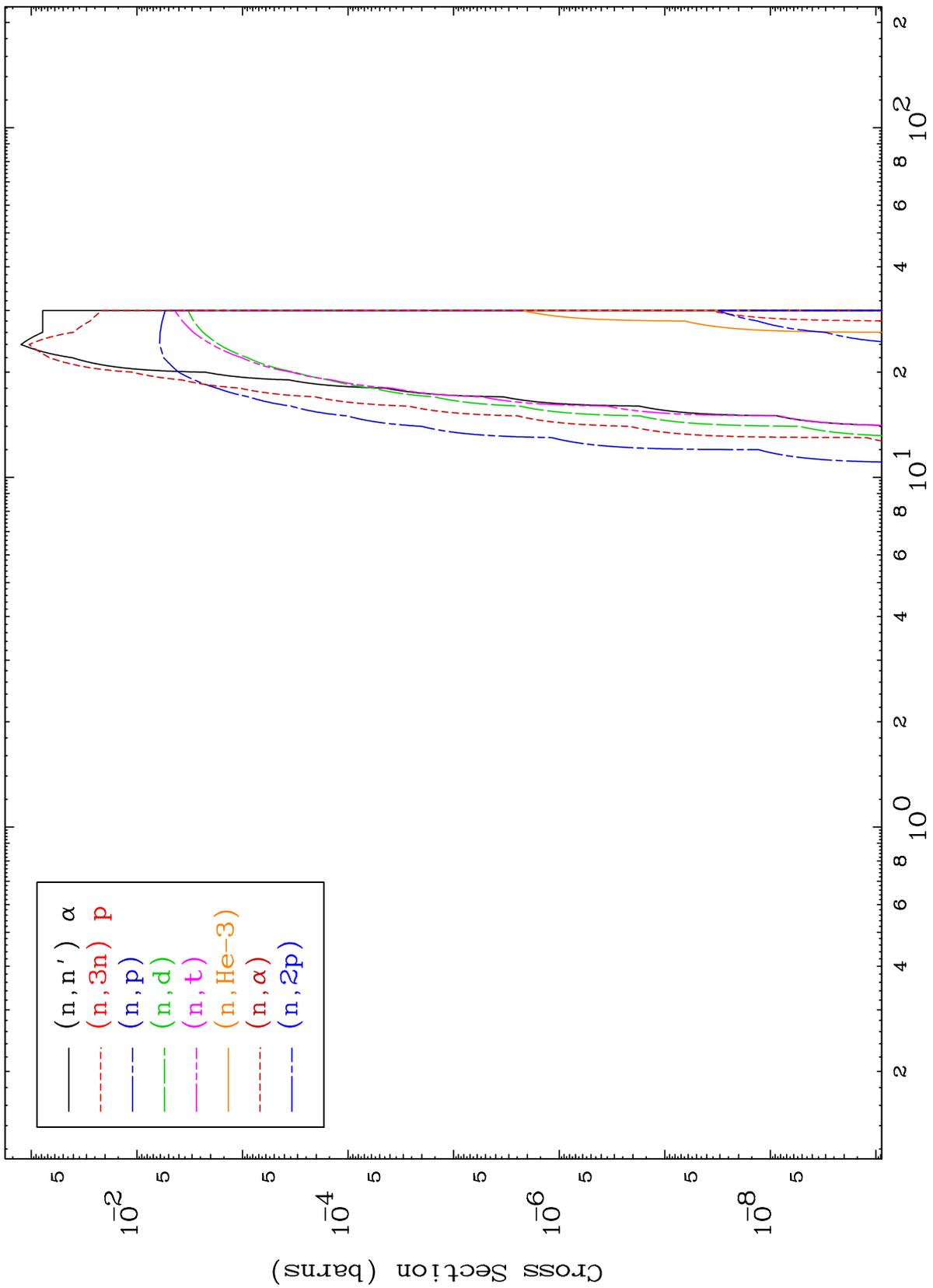
50-Sn-130m



MAT 5080

α Charged Particle
0 Kelvin Cross Sections

50-Sn-130m

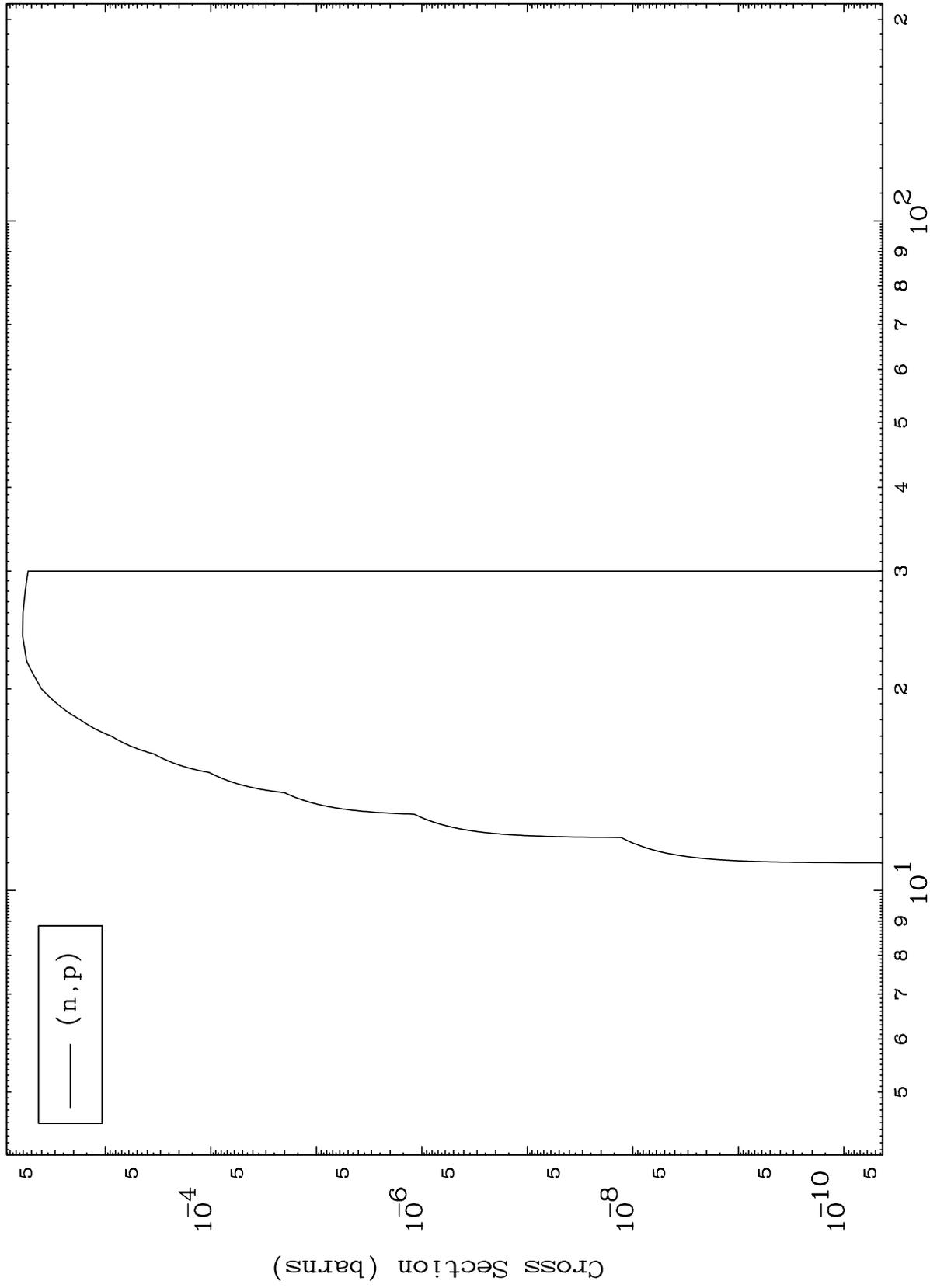


MAT 5080

(α, p) Levels

50-Sn-130m

0 Kelvin Cross Sections



6

Incident Energy (MeV)

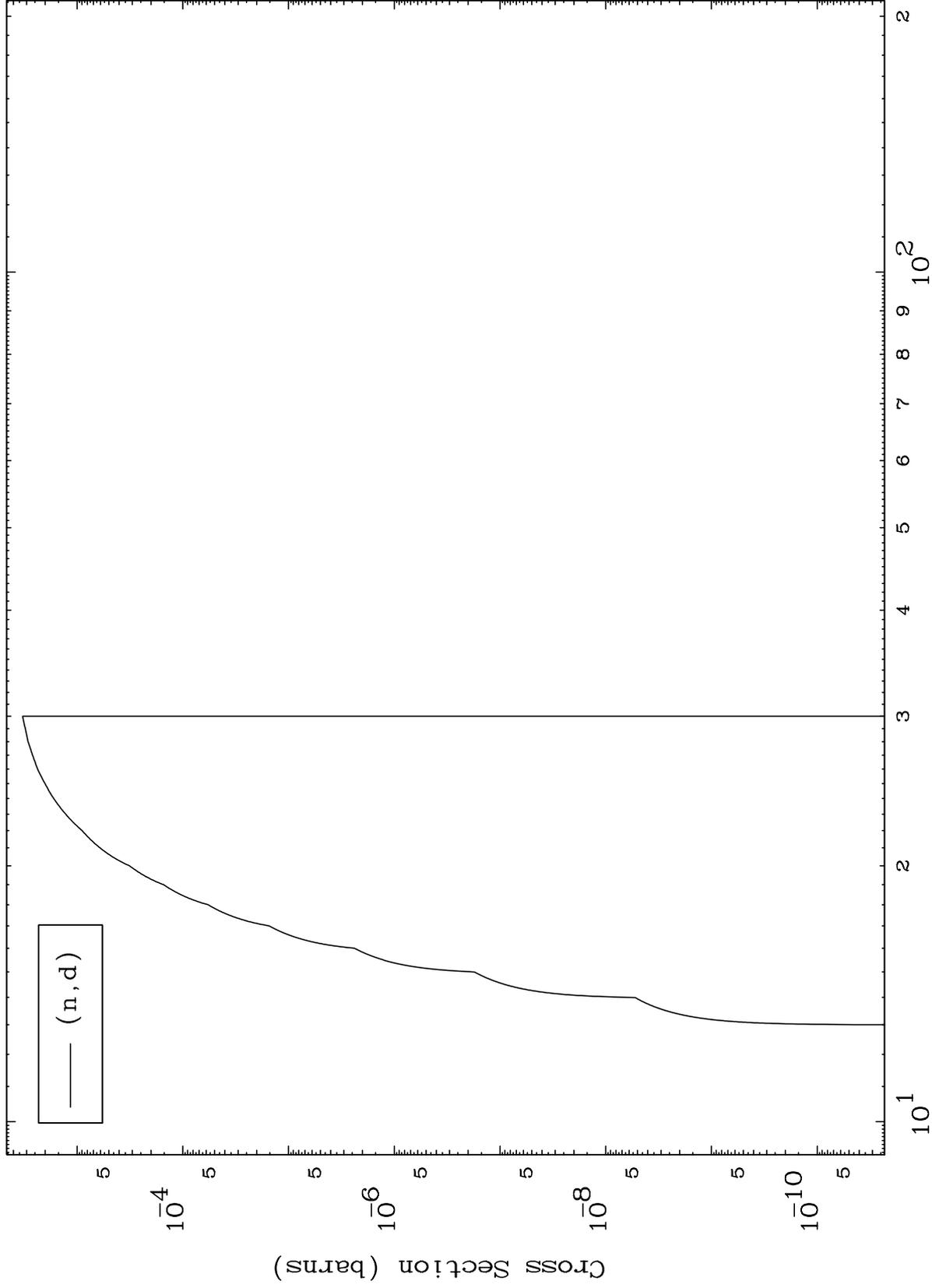
50-Sn-130m

MAT 5080

(α, d) Levels

50-Sn-130m

0 Kelvin Cross Sections



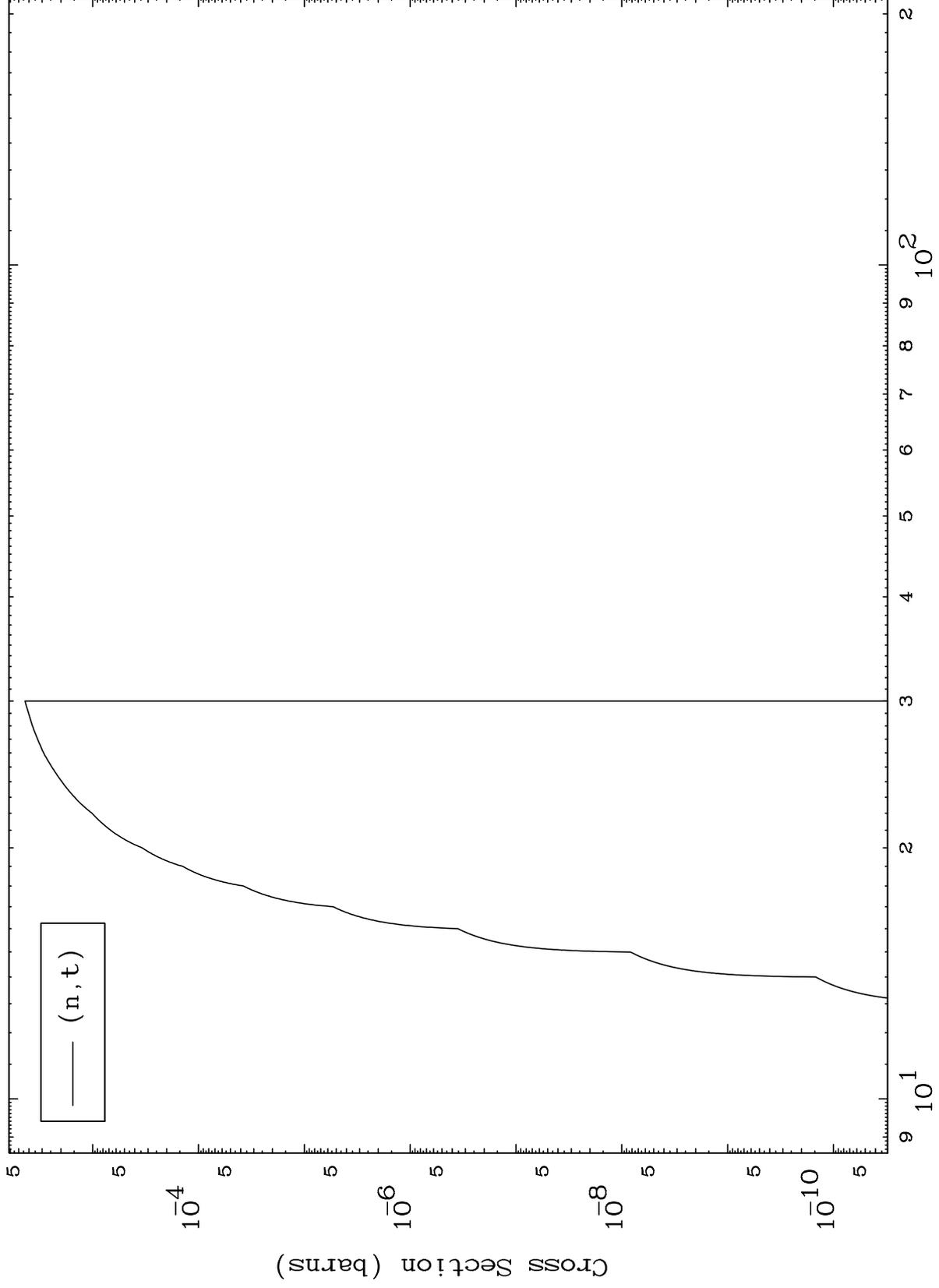
Incident Energy (MeV)

50-Sn-130m

MAT 5080

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-130m



Incident Energy (MeV)

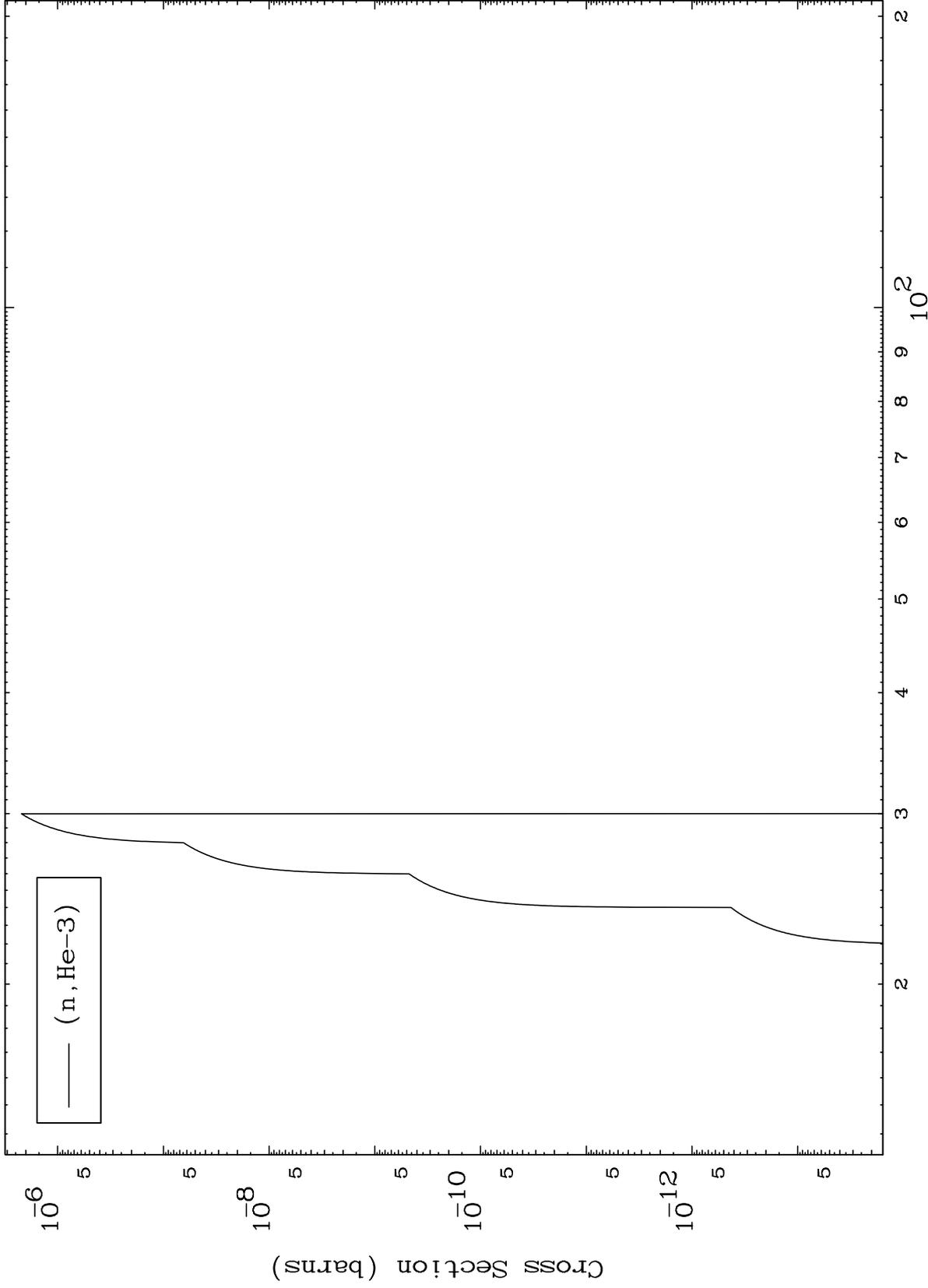
50-Sn-130m

8

MAT 5080

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

50-Sn-130m

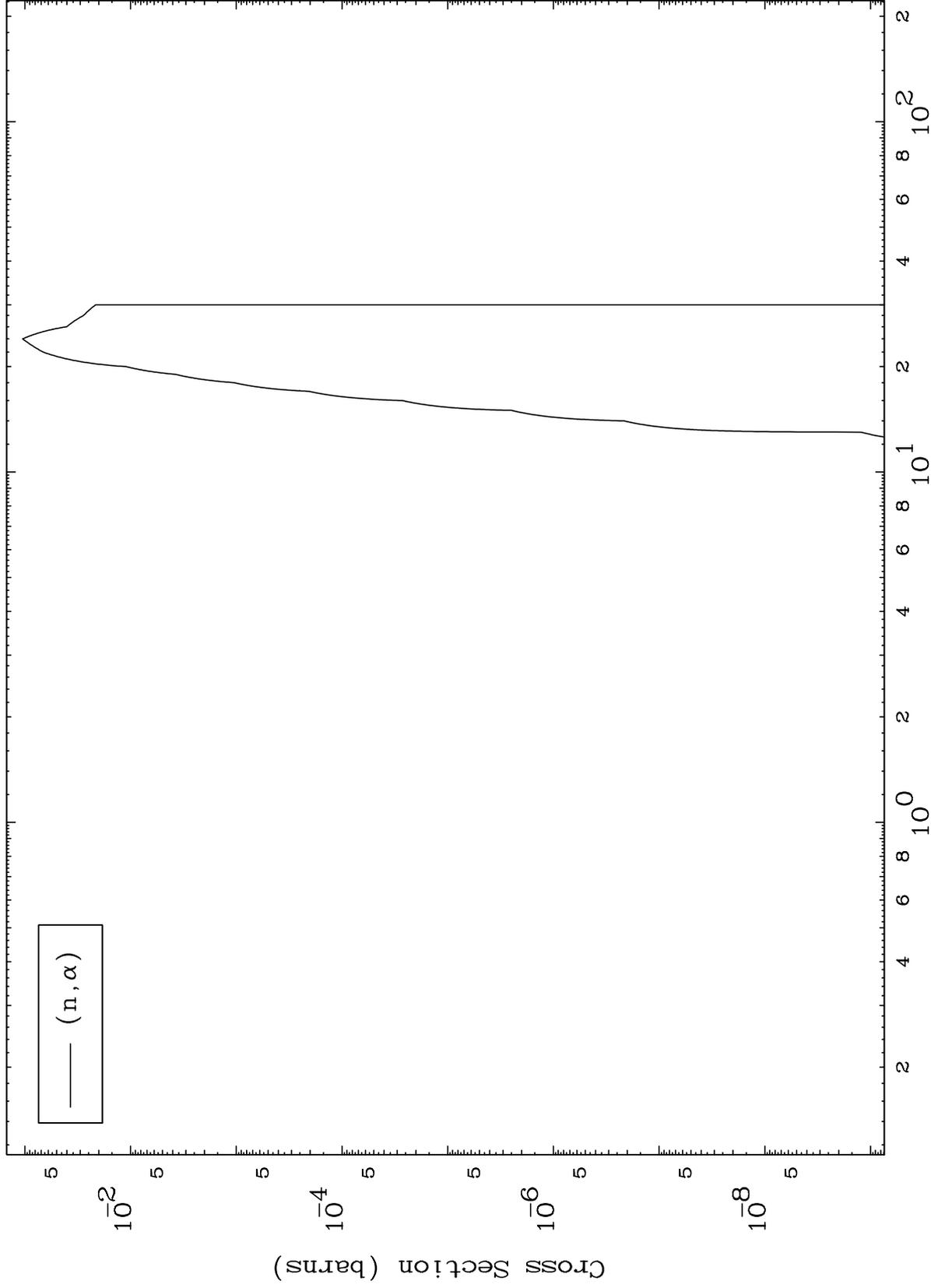


MAT 5080

(α, α) Levels

50-Sn-130m

0 Kelvin Cross Sections



10

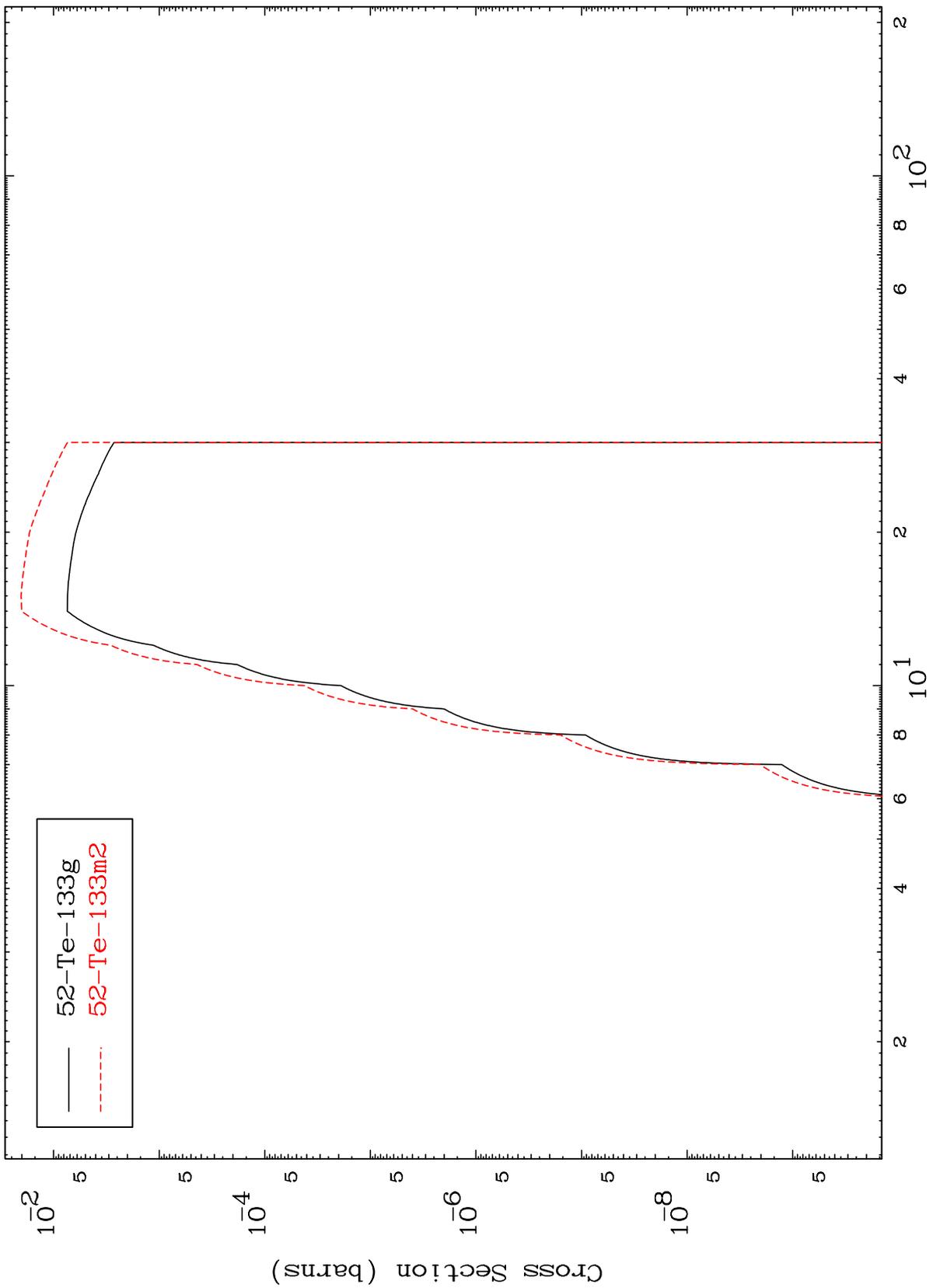
Incident Energy (MeV)

50-Sn-130m

MAT 5080

50-Sn-130m

Inelastic
Radionuclide Production Cross Section

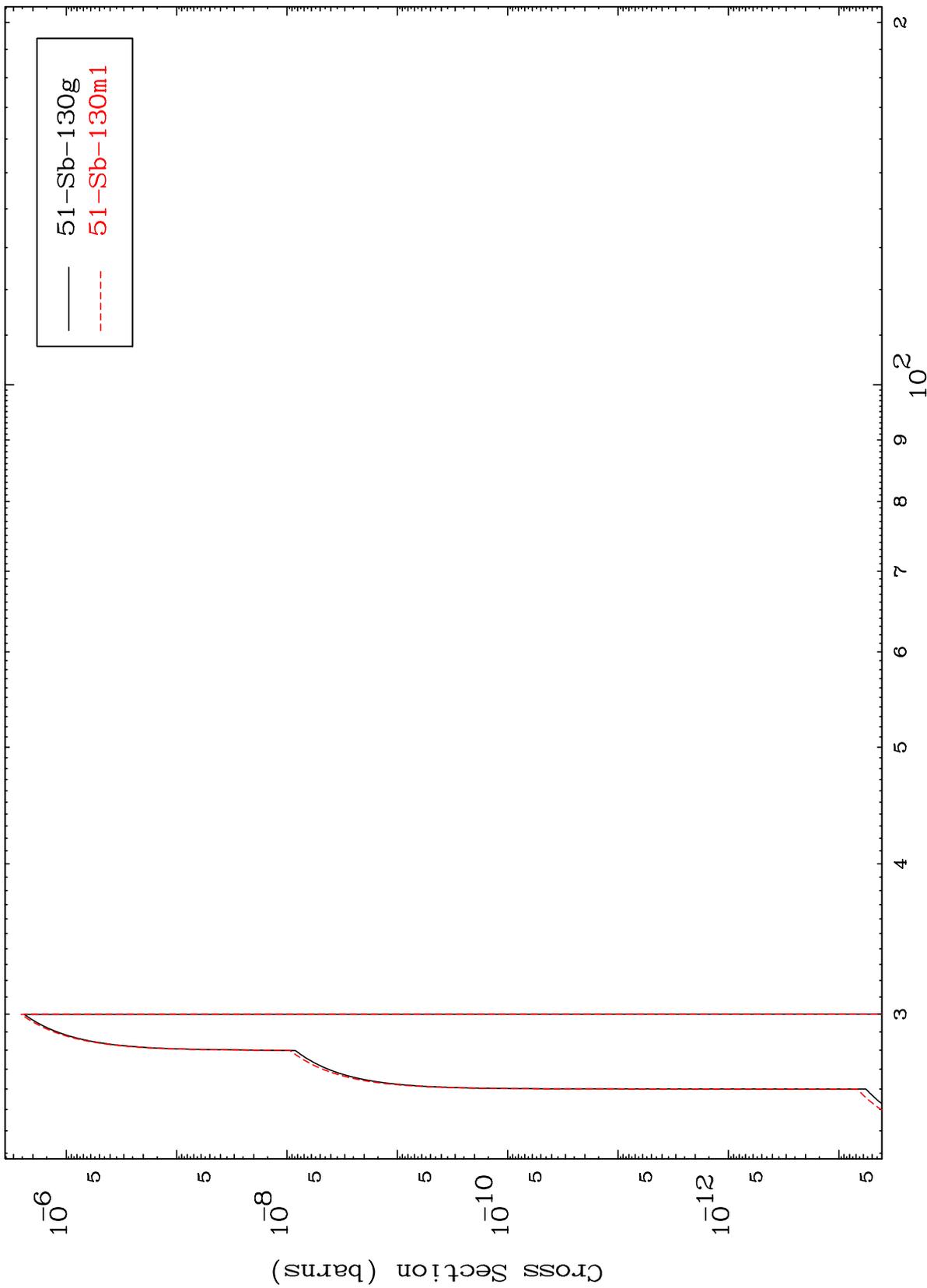


52-Te-133g
52-Te-133m2

MAT 5080

50-Sn-130m

(n,2n) d
Radionuclide Production Cross Section



50-Sn-130m

Incident Energy (MeV)

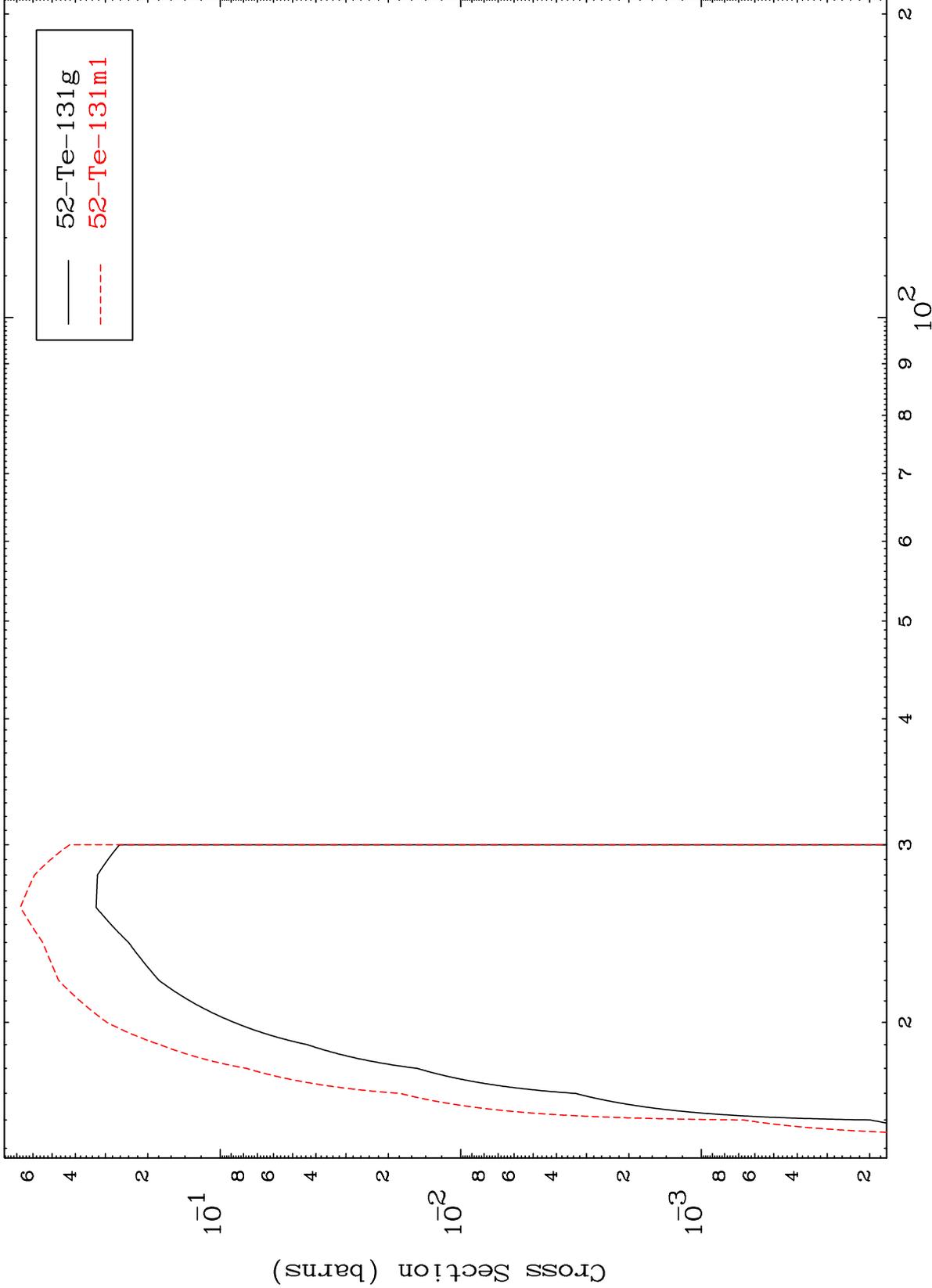
12

MAT 5080

(n,3n)

50-Sn-130m

Radionuclide Production Cross Section

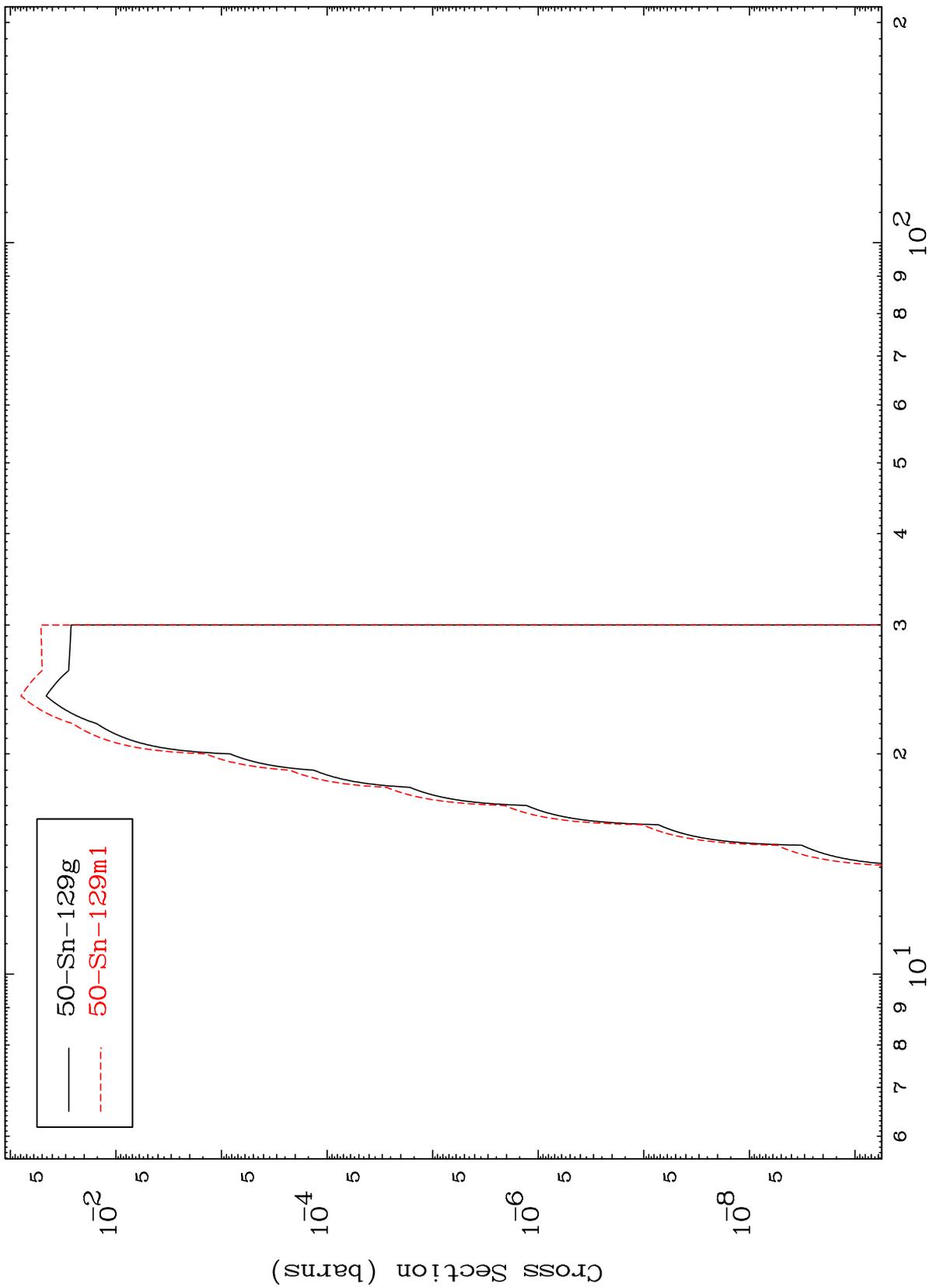


MAT 5080

$(n, n') \alpha$

50-Sn-130m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

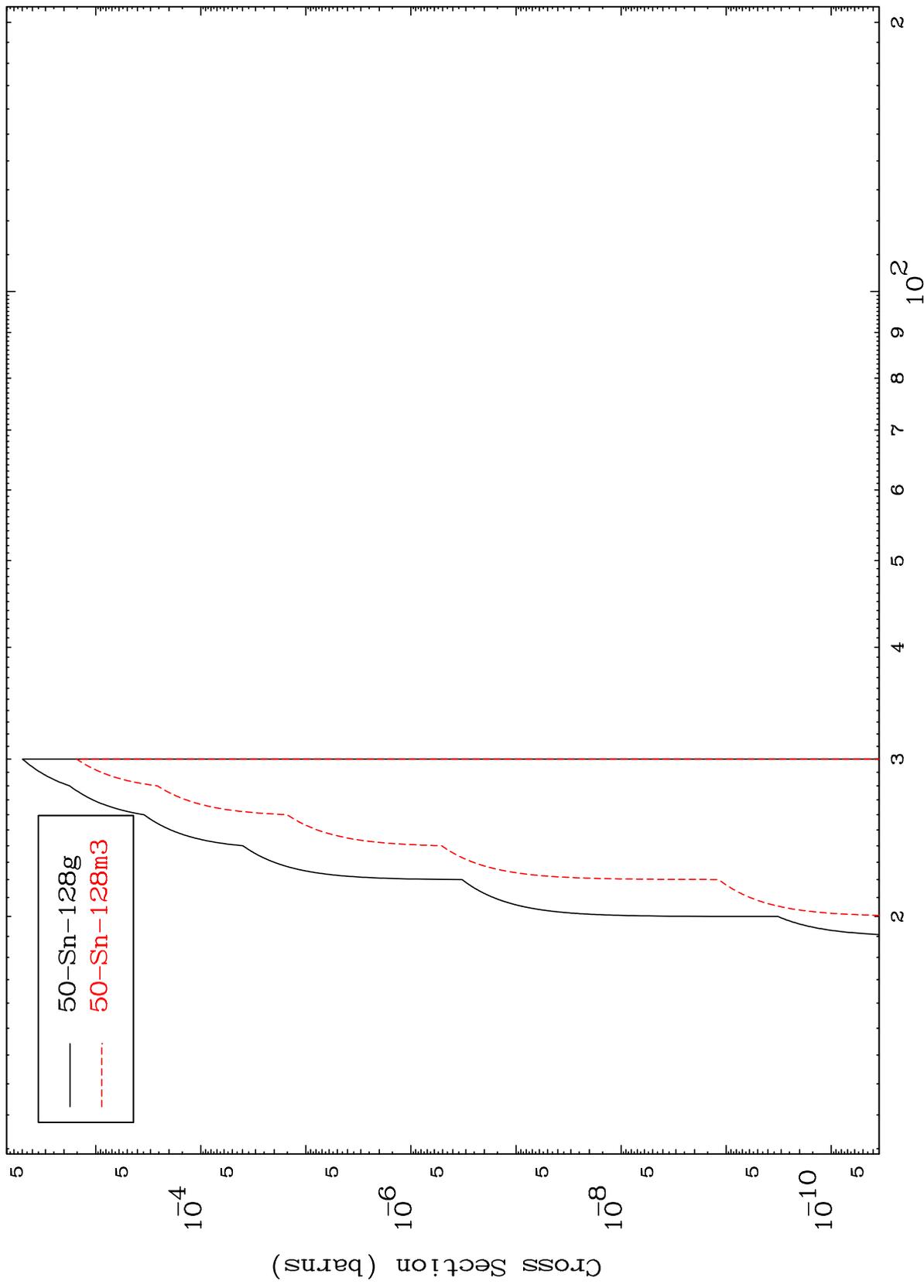
50-Sn-130m

MAT 5080

50-Sn-130m

(n,2n) α

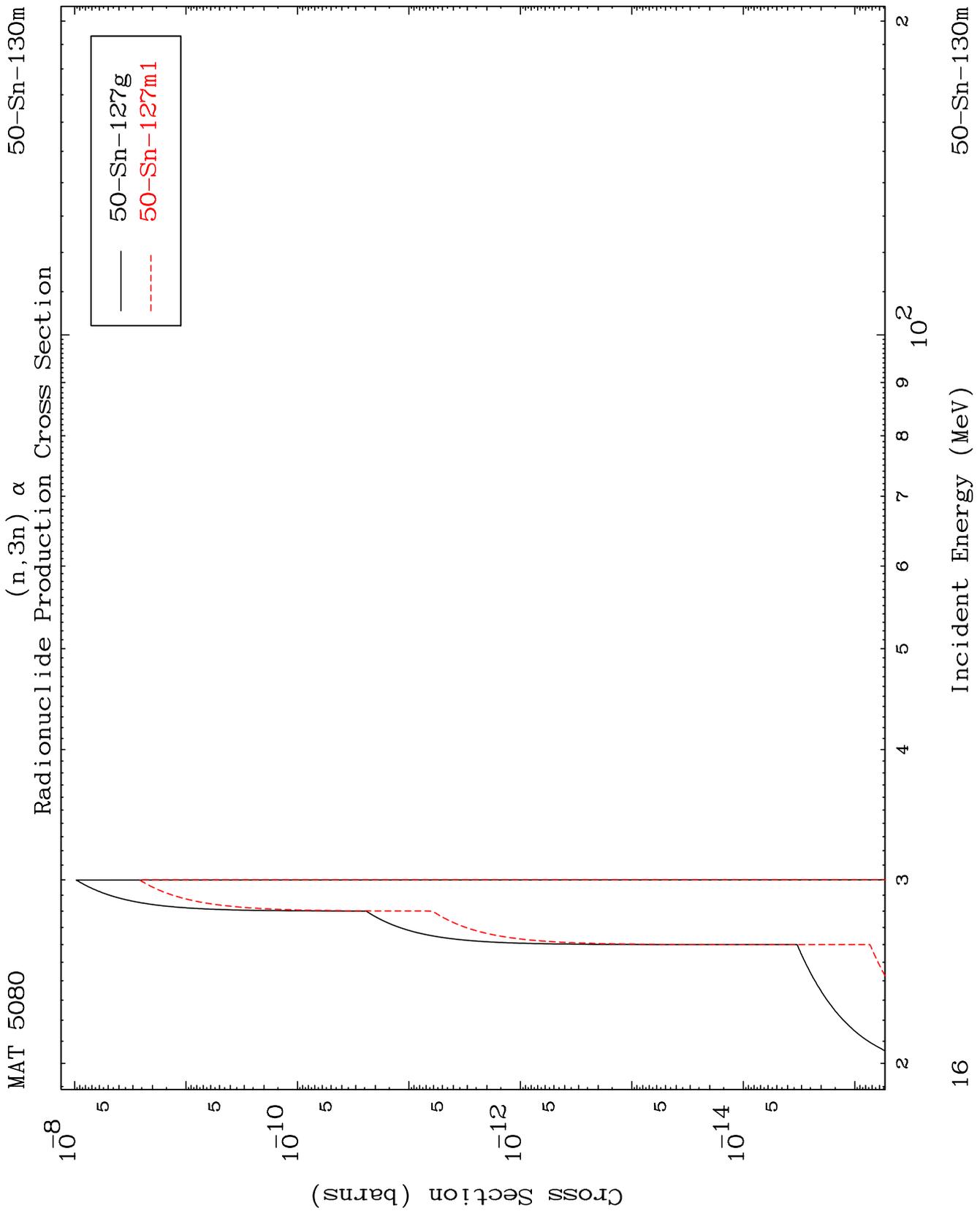
Radionuclide Production Cross Section



15

Incident Energy (MeV)

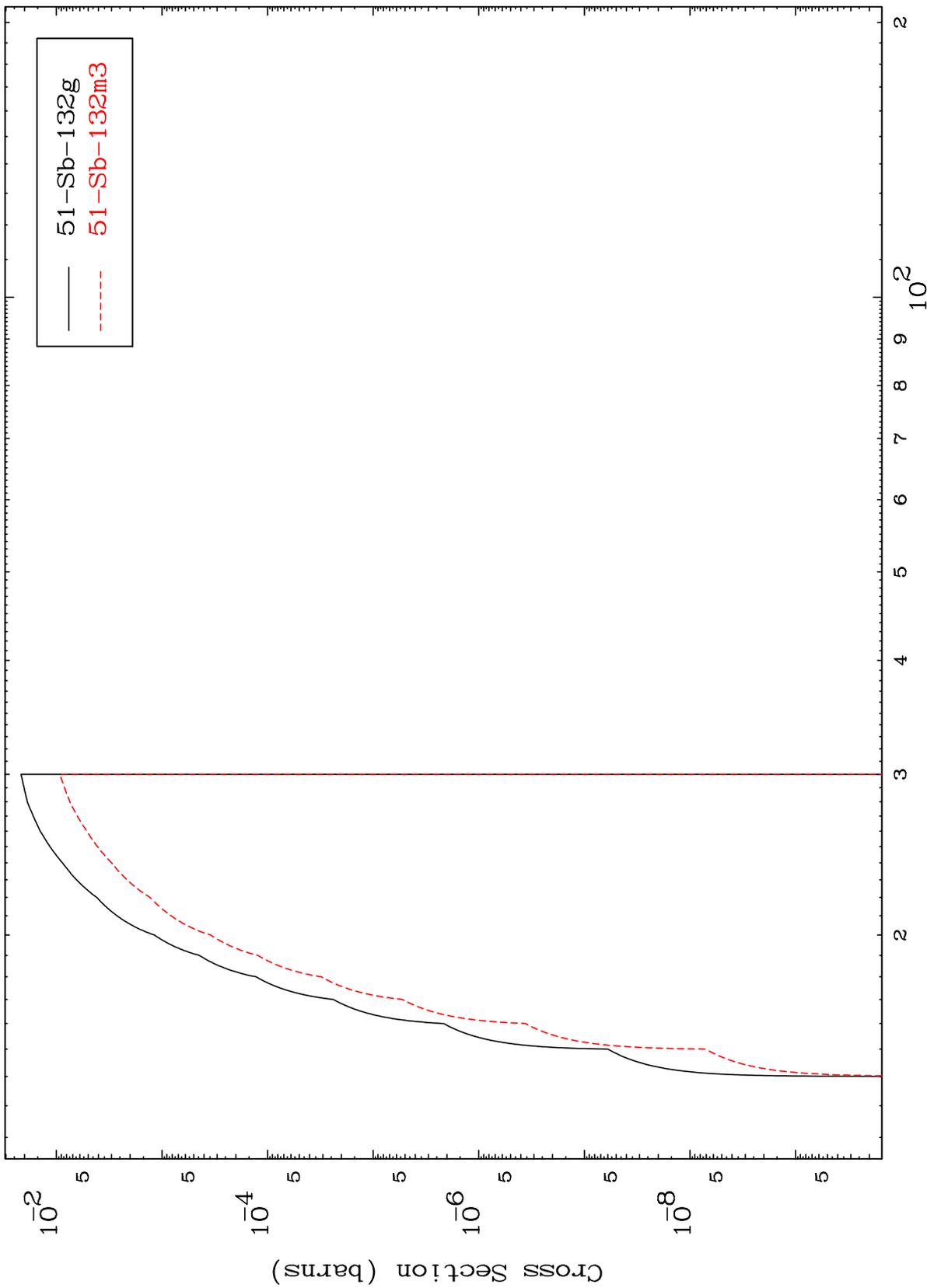
50-Sn-130m



MAT 5080

50-Sn-130m

(n, n') p
Radionuclide Production Cross Section



17

50-Sn-130m

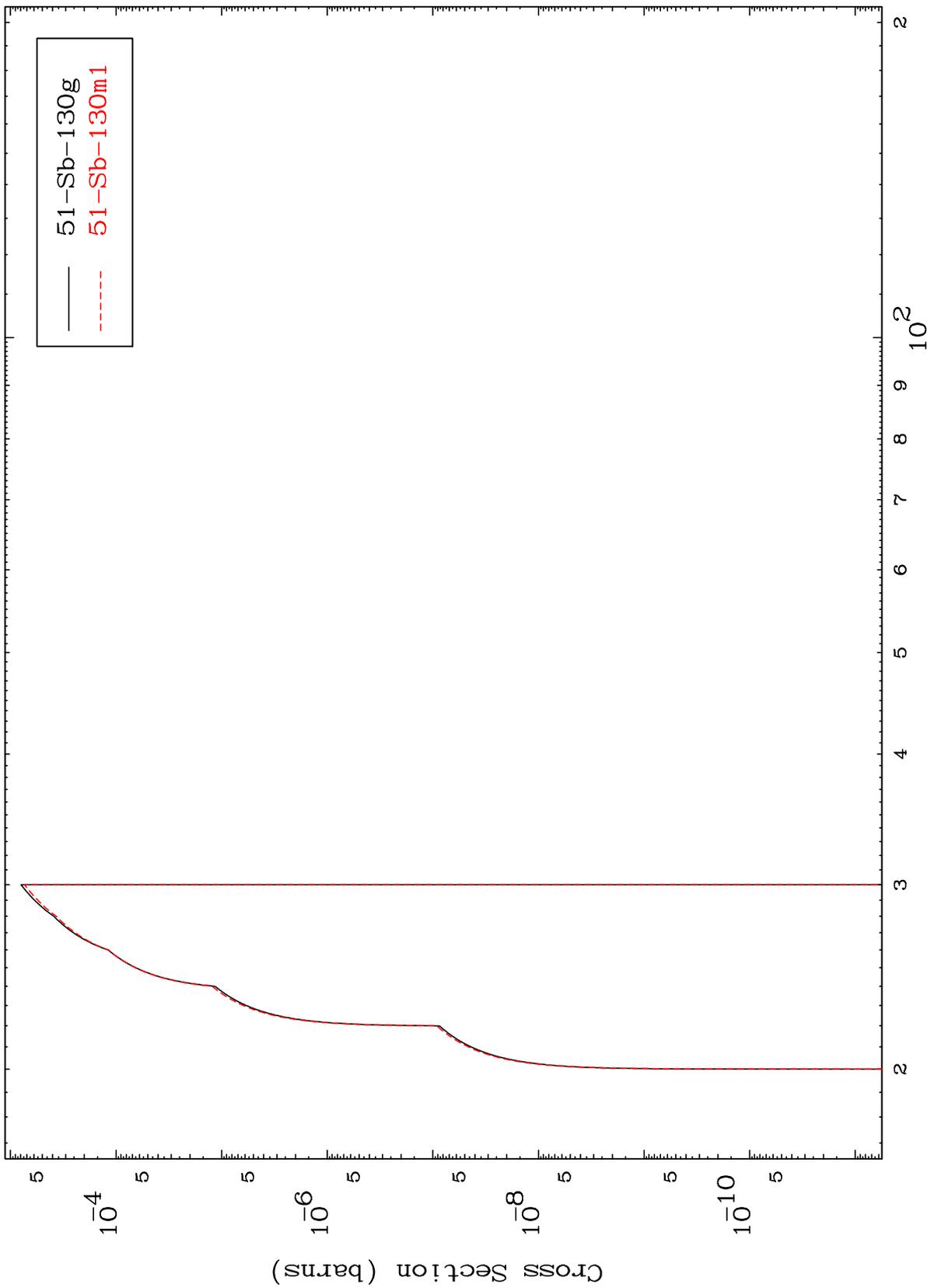
Incident Energy (MeV)

MAT 5080

(n,n') t

50-Sn-130m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

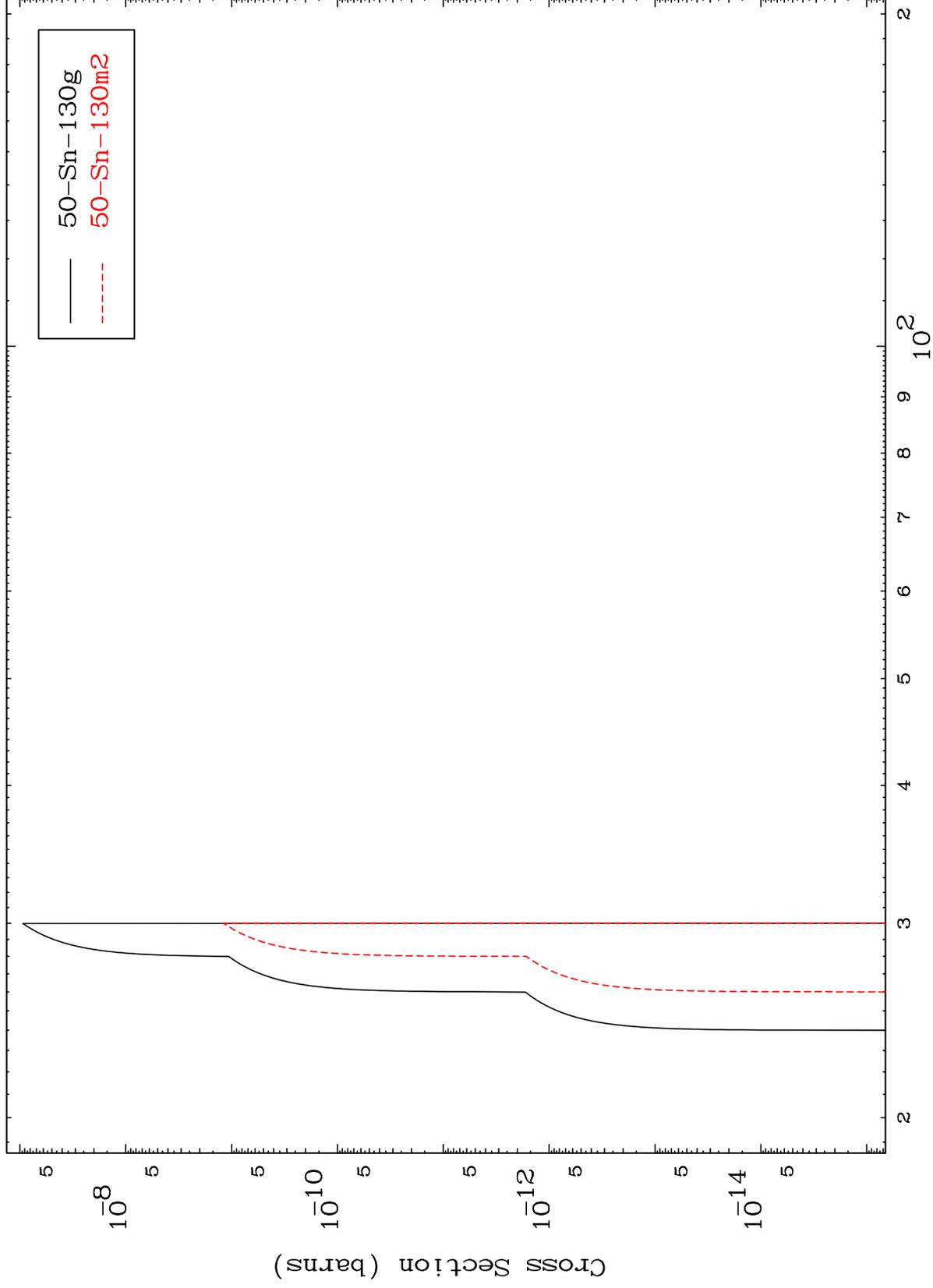
50-Sn-130m

MAT 5080

(n,n') He-3

50-Sn-130m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

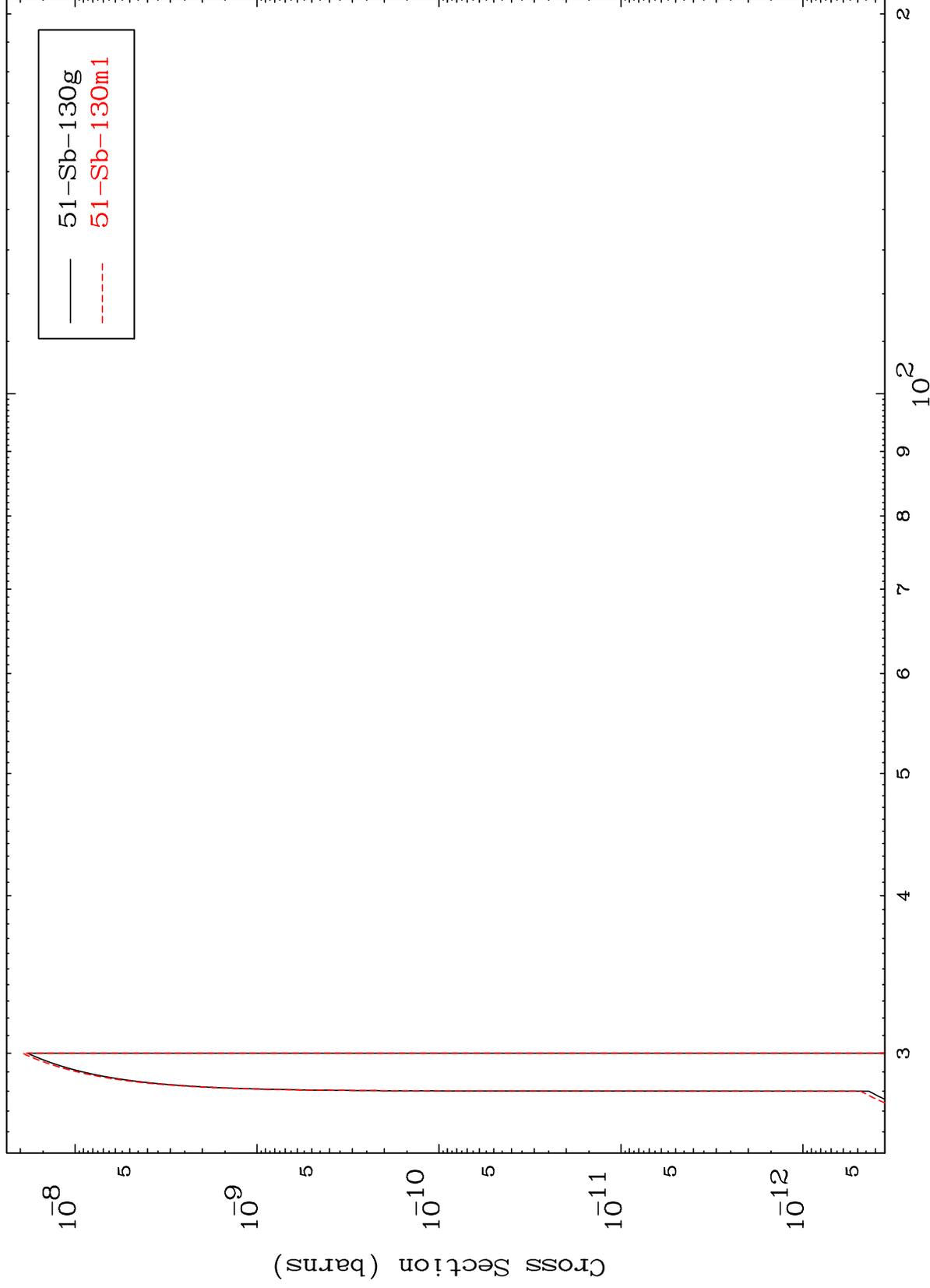
50-Sn-130m

MAT 5080

(n,3n) p

50-Sn-130m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

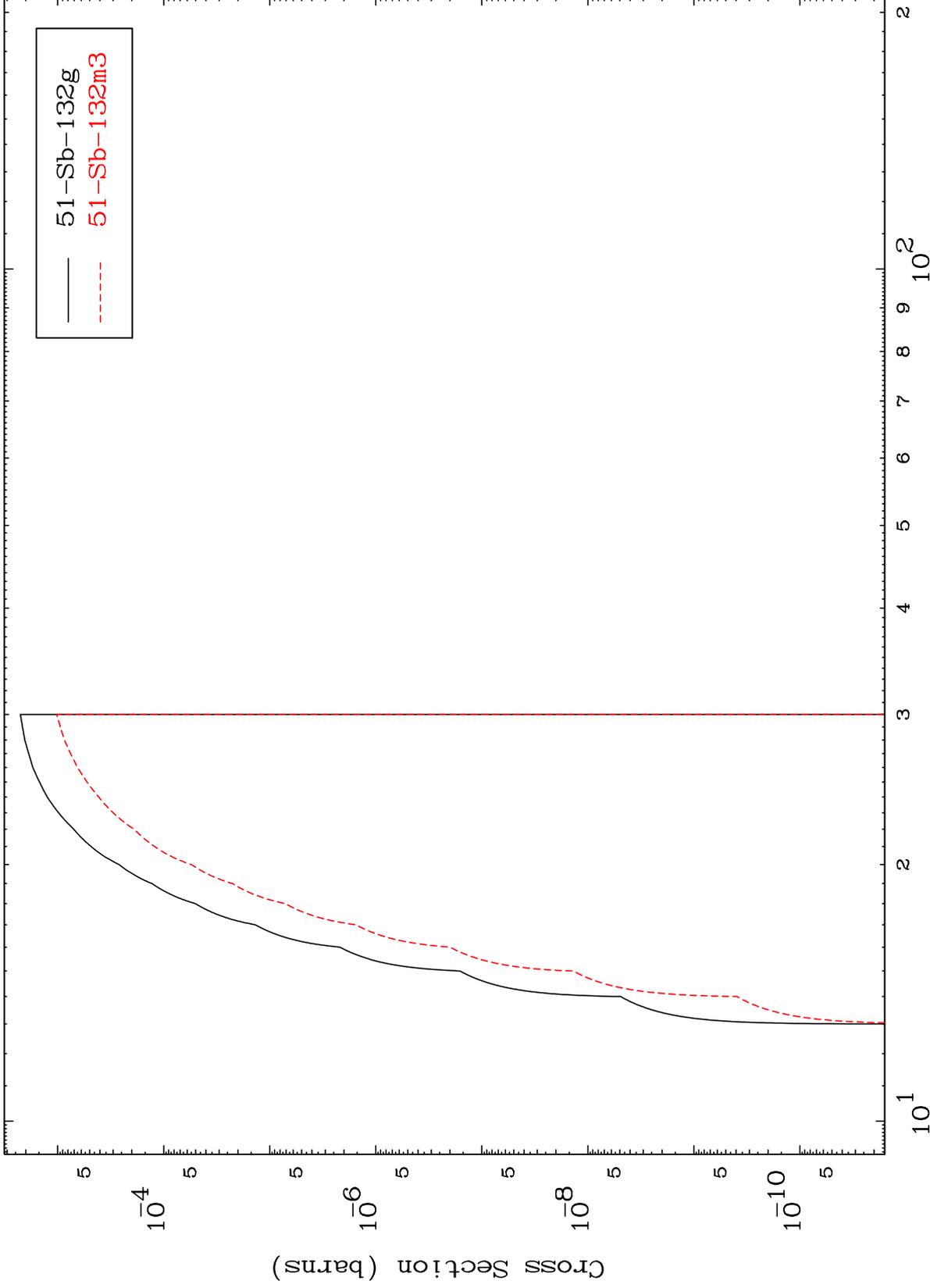
50-Sn-130m

MAT 5080

(n,d)

50-Sn-130m

Radionuclide Production Cross Section



Incident Energy (MeV)

50-Sn-130m

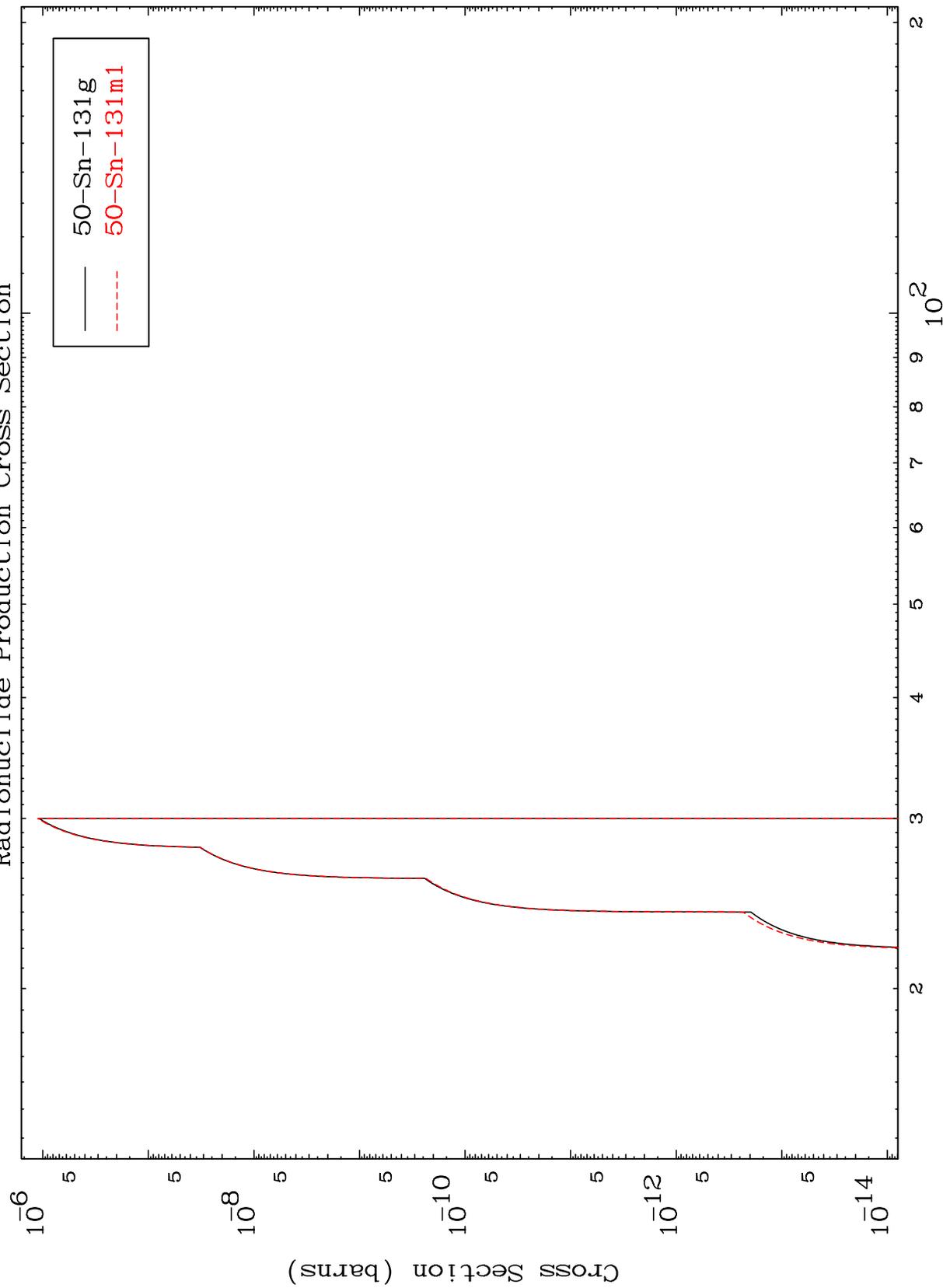
21

MAT 5080

50-Sn-130m

(n,He-3)

Radionuclide Production Cross Section



MAT 5080

