

Program EVALPLOT
(Version 2021-1)

by

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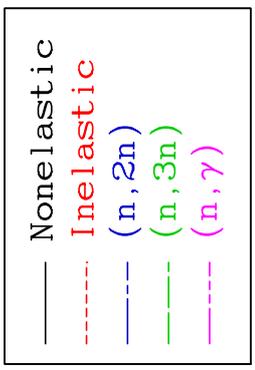
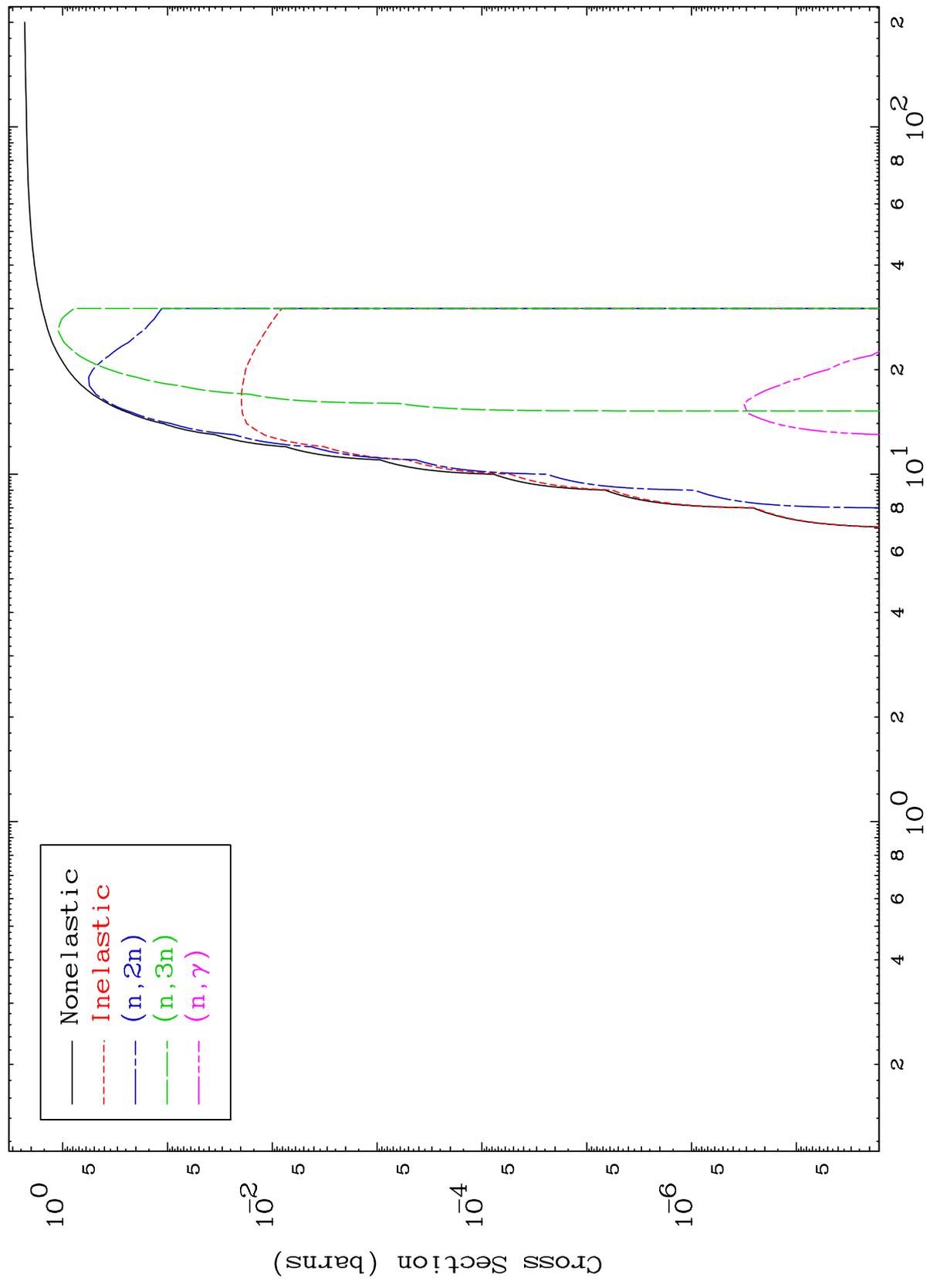
Press Mouse Button to Start

MAT 5080

α Major

50-Sn-130m

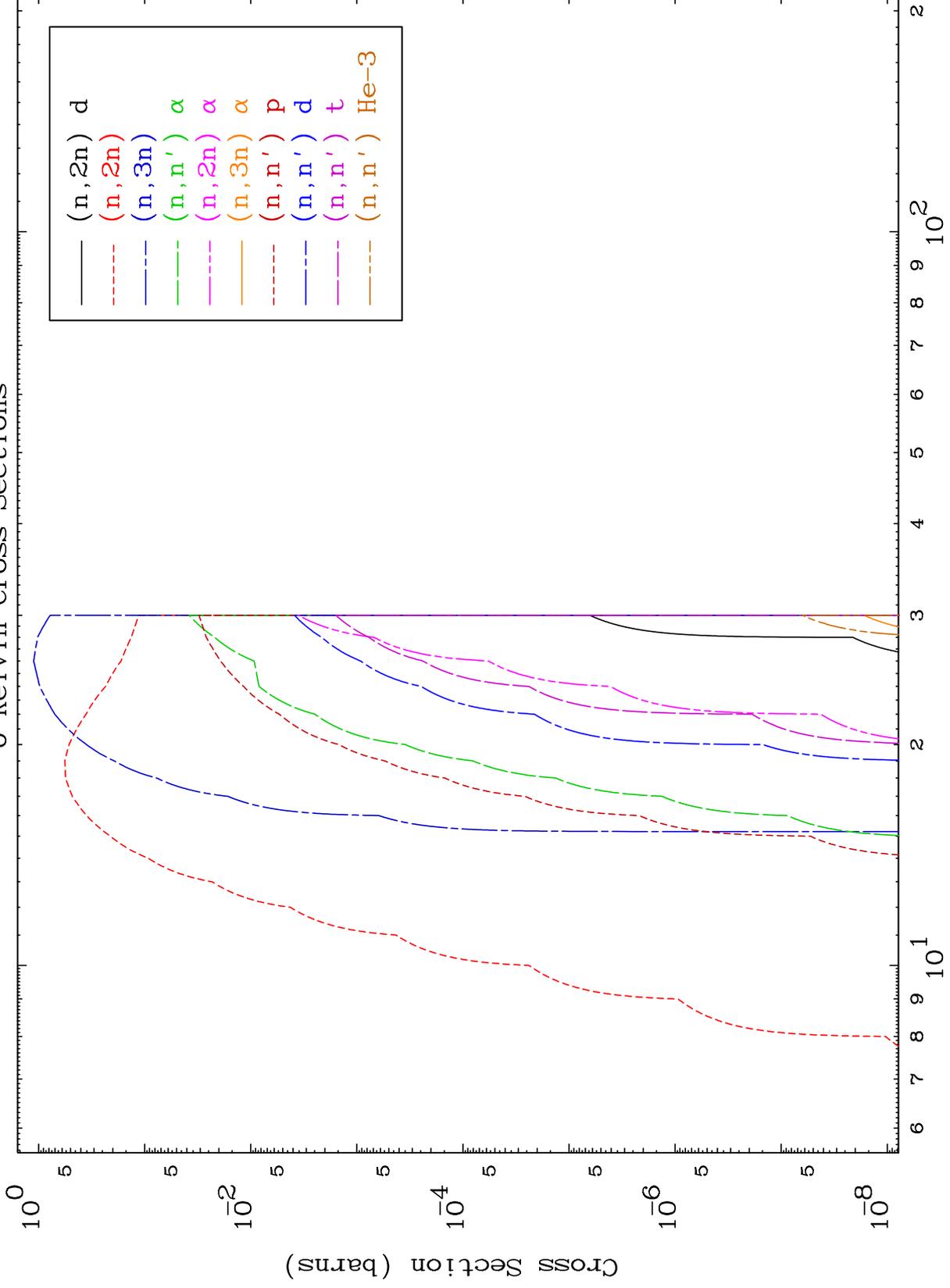
0 Kelvin Cross Sections



MAT 5080

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-130m



2

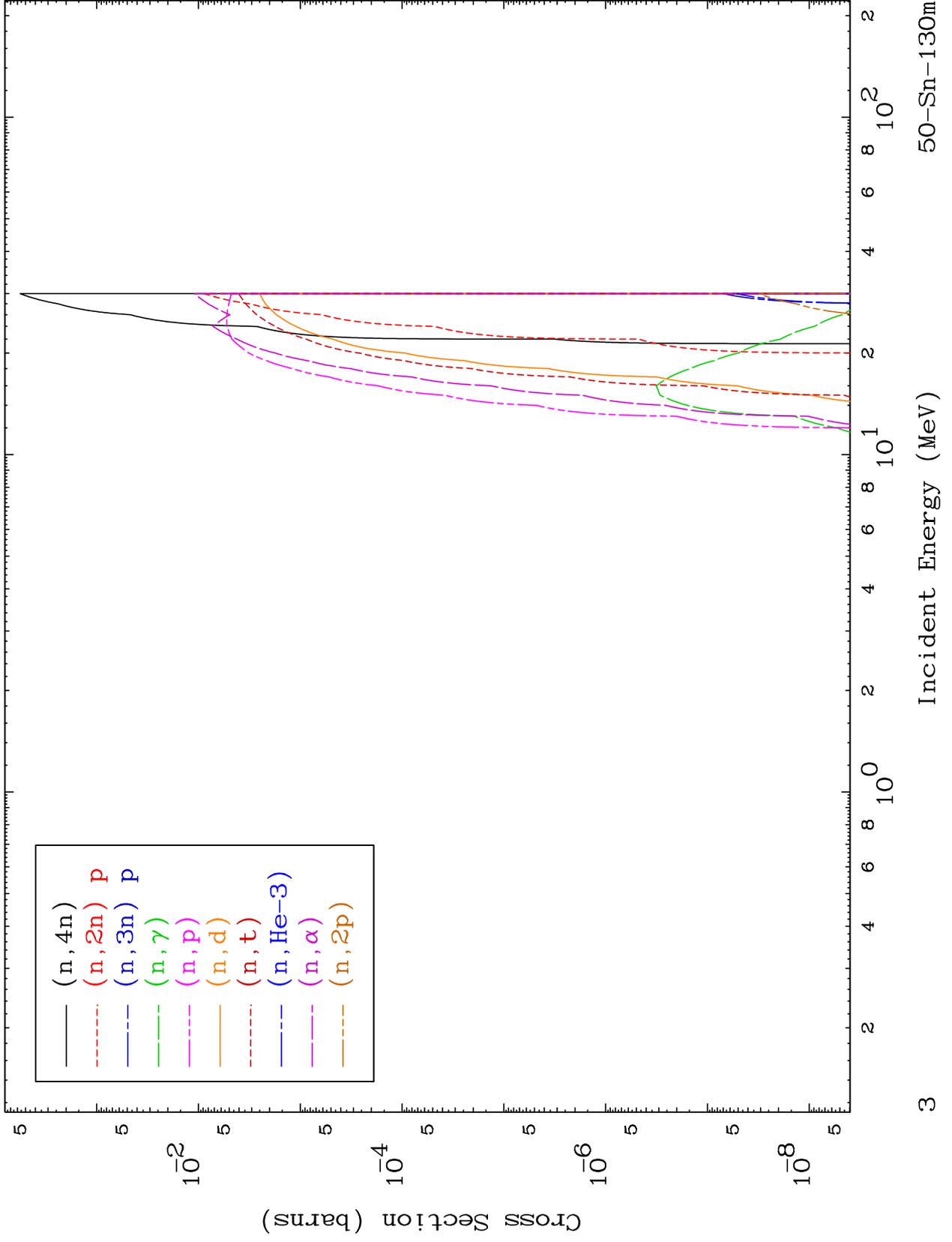
Incident Energy (MeV)

50-Sn-130m

MAT 5080

α Neutron Absorption
0 Kelvin Cross Sections

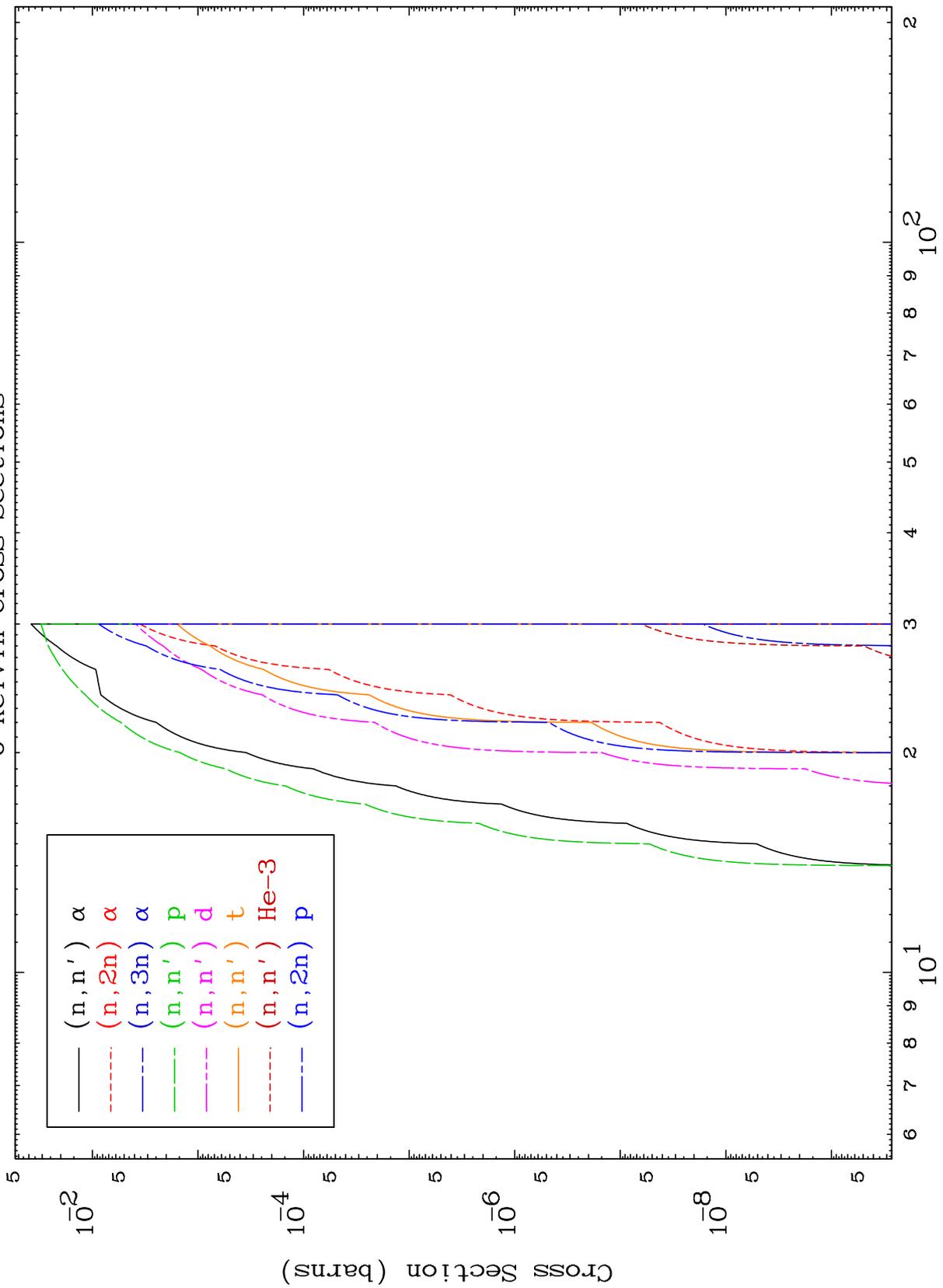
50-Sn-130m



MAT 5080

α Charged Particle
0 Kelvin Cross Sections

50-Sn-130m



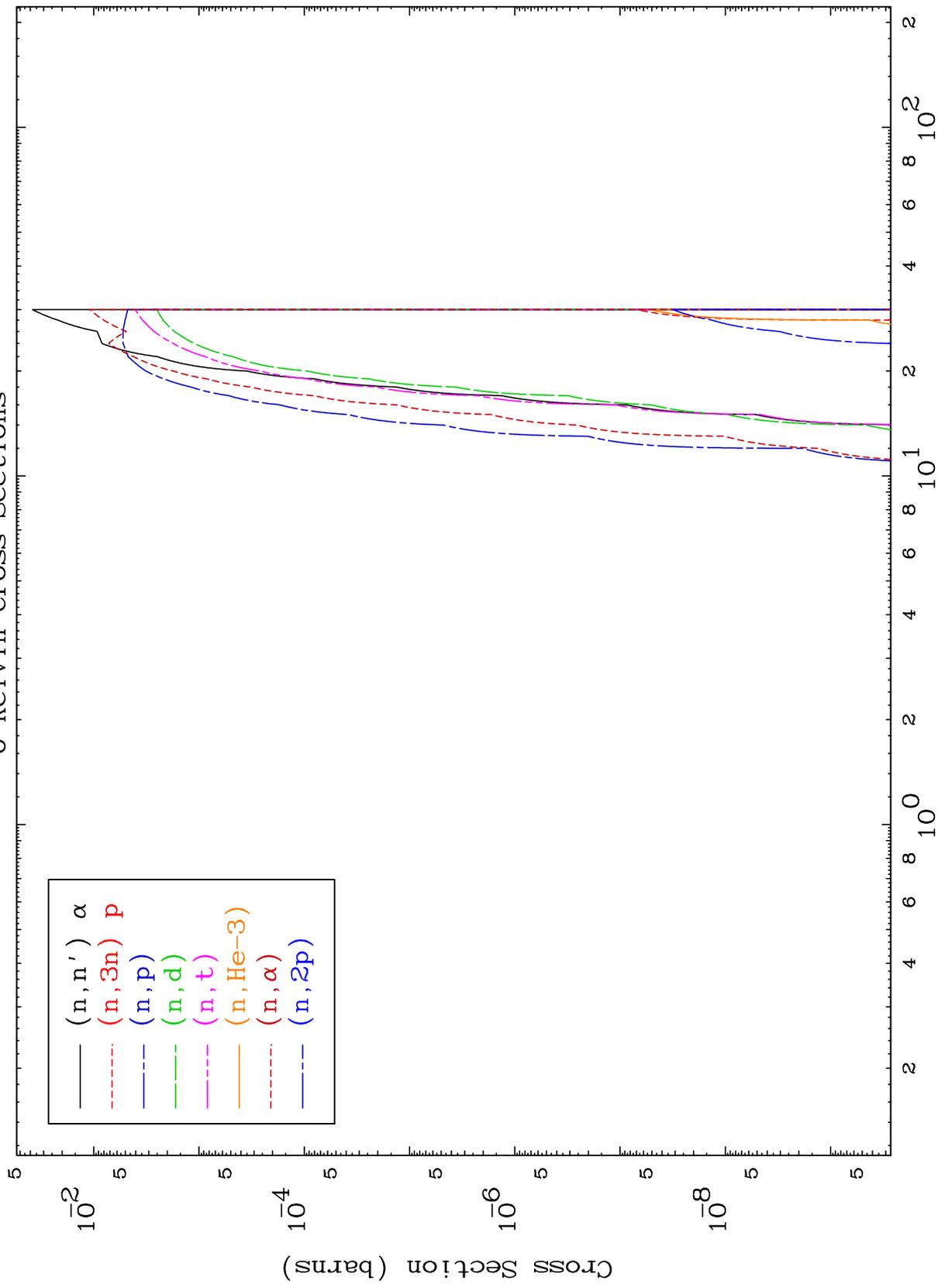
Incident Energy (MeV)

50-Sn-130m

MAT 5080

α Charged Particle
0 Kelvin Cross Sections

50-Sn-130m



5

Incident Energy (MeV)

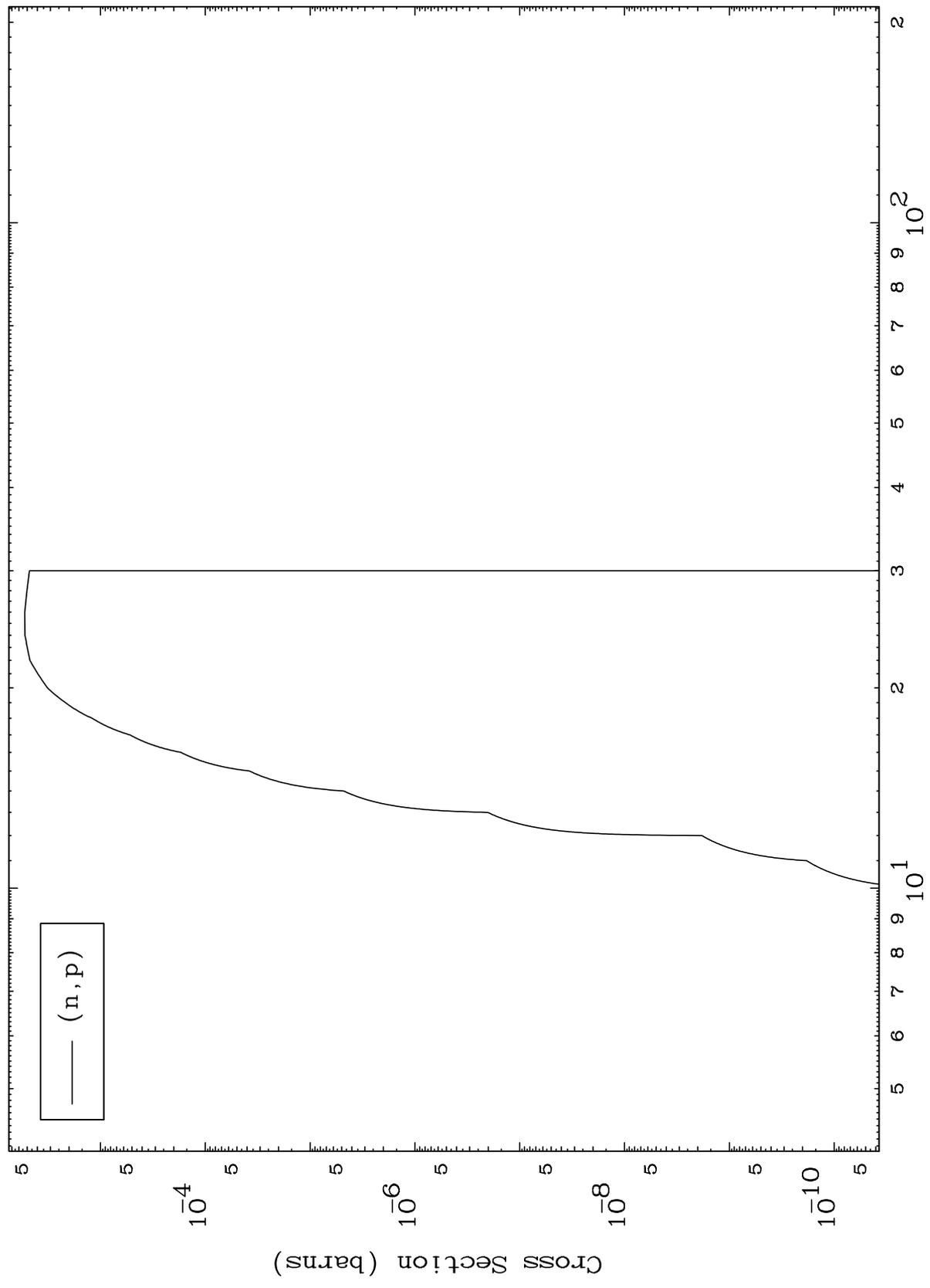
50-Sn-130m

MAT 5080

(α, p) Levels

50-Sn-130m

0 Kelvin Cross Sections

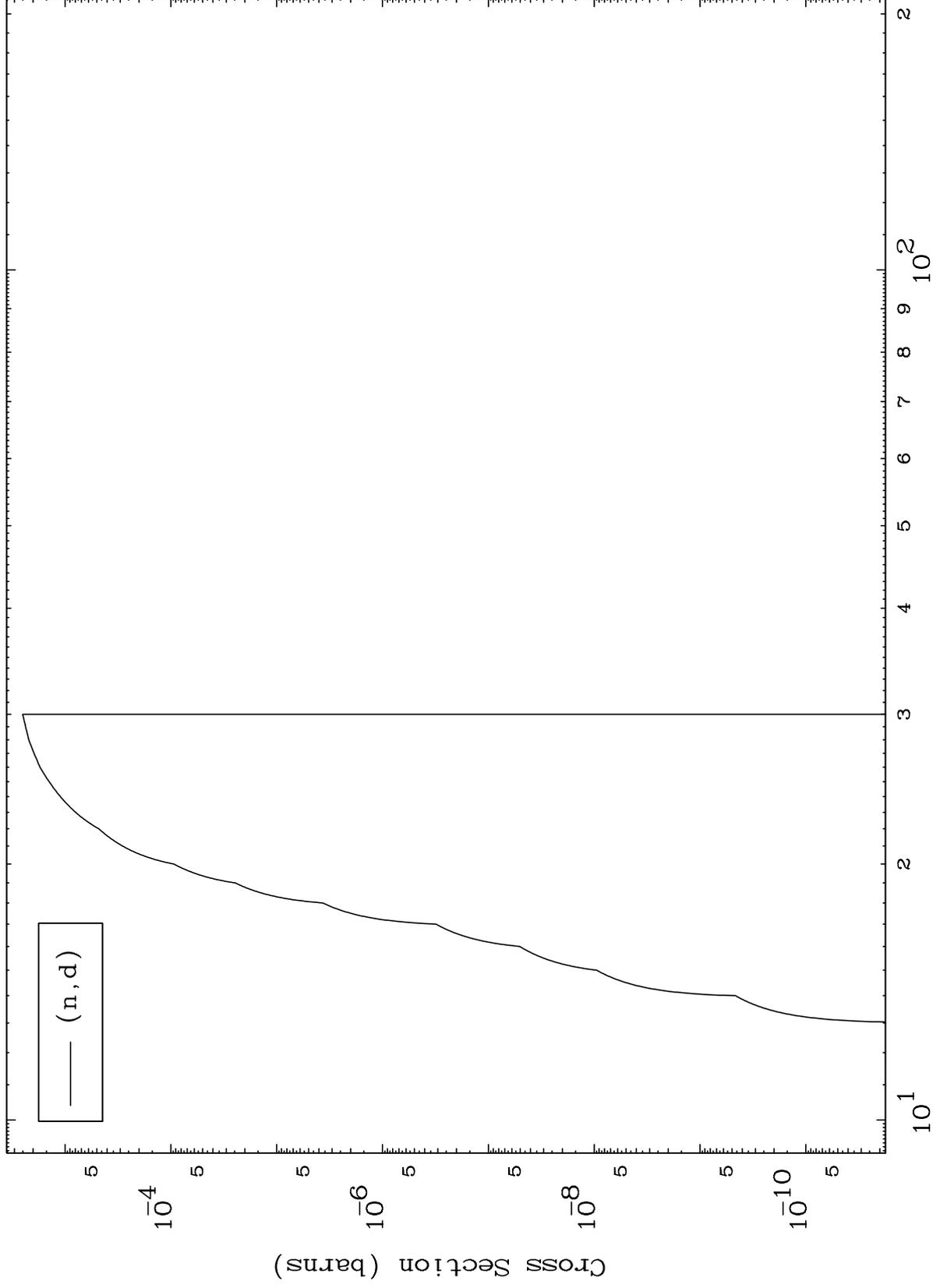


MAT 5080

(α, d) Levels

50-Sn-130m

0 Kelvin Cross Sections



Incident Energy (MeV)

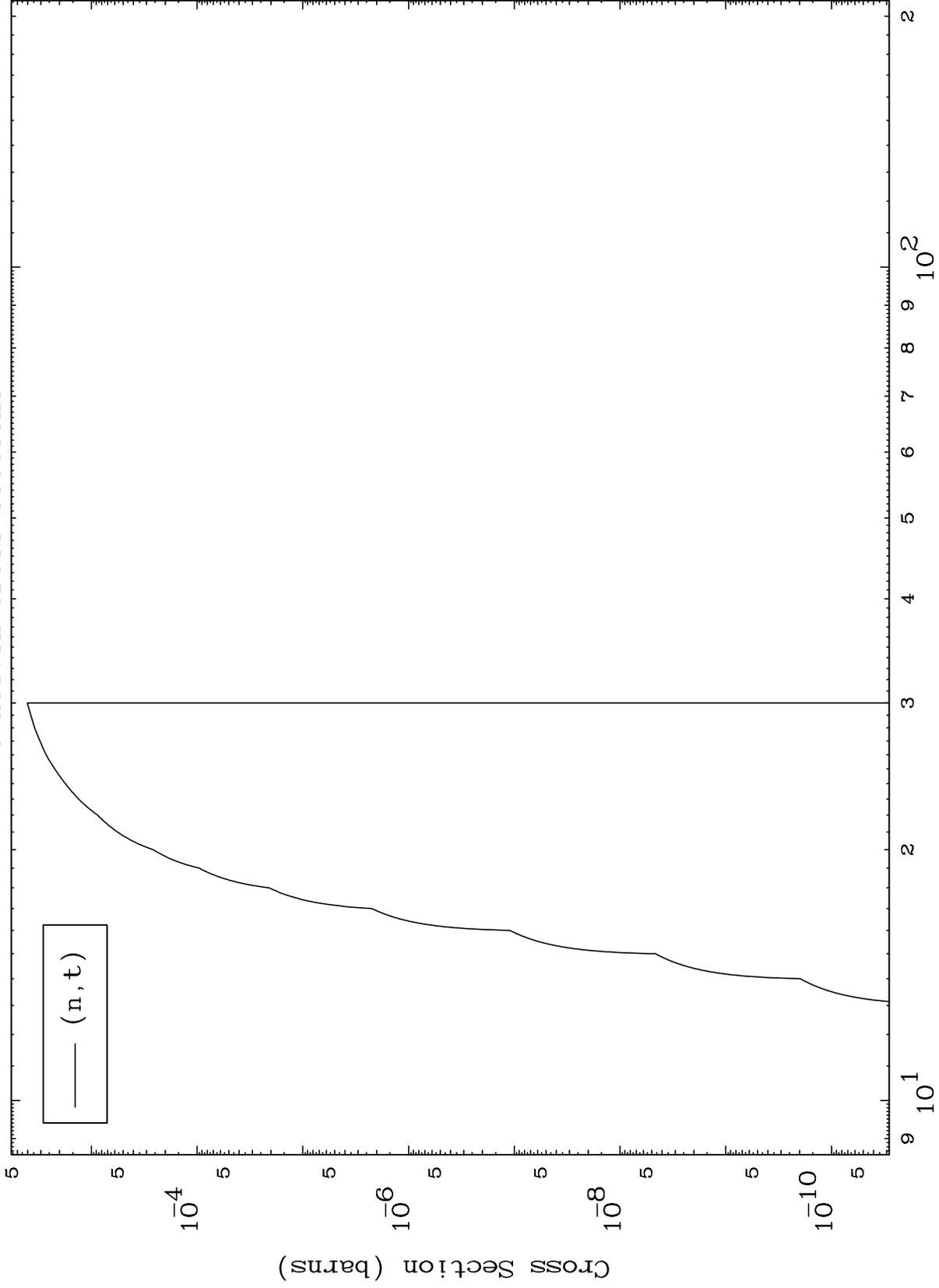
50-Sn-130m

MAT 5080

(α, t) Levels

50-Sn-130m

0 Kelvin Cross Sections



Incident Energy (MeV)

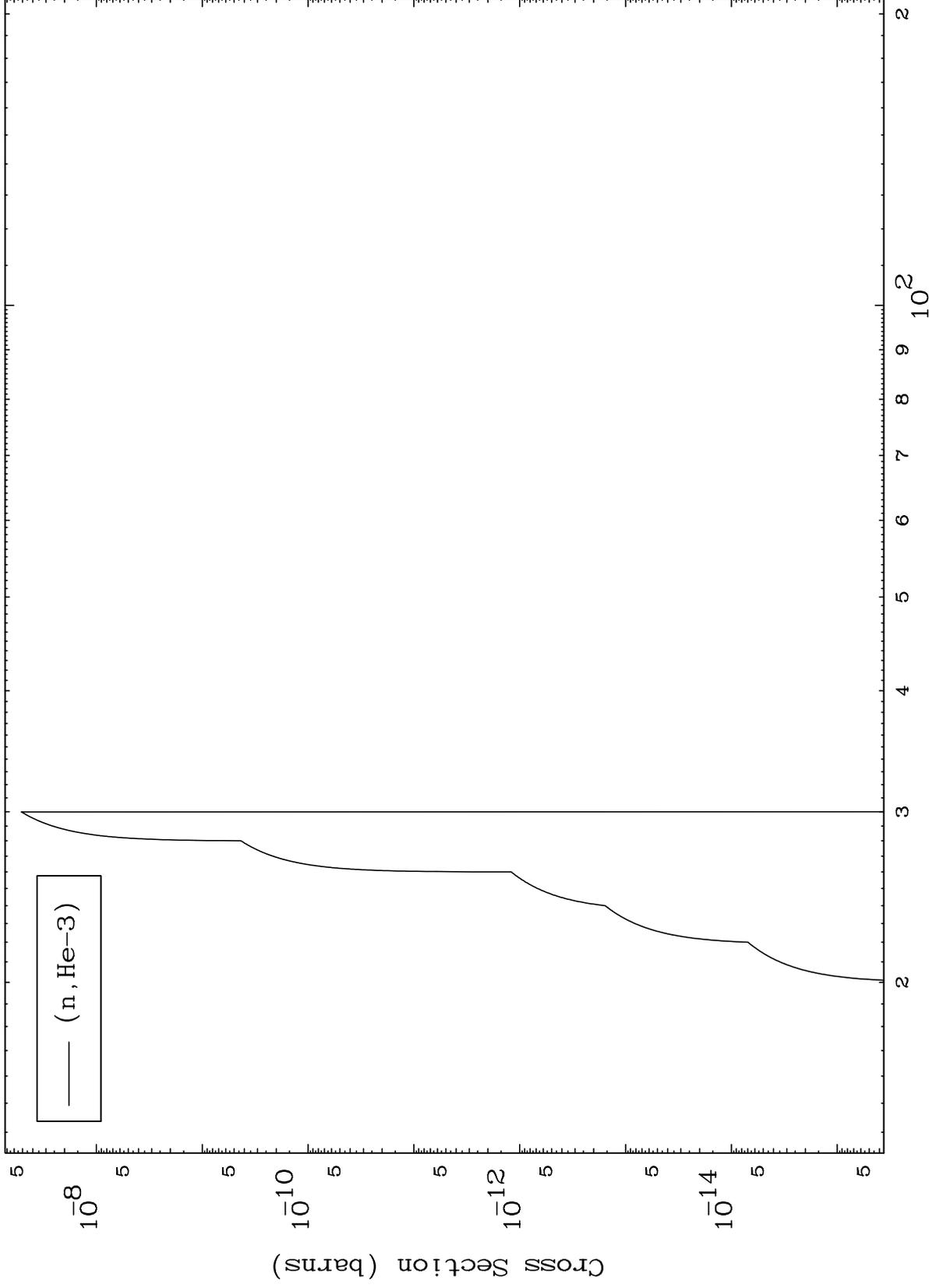
50-Sn-130m

MAT 5080

($\alpha, \text{He}3$) Levels

50-Sn-130m

0 Kelvin Cross Sections

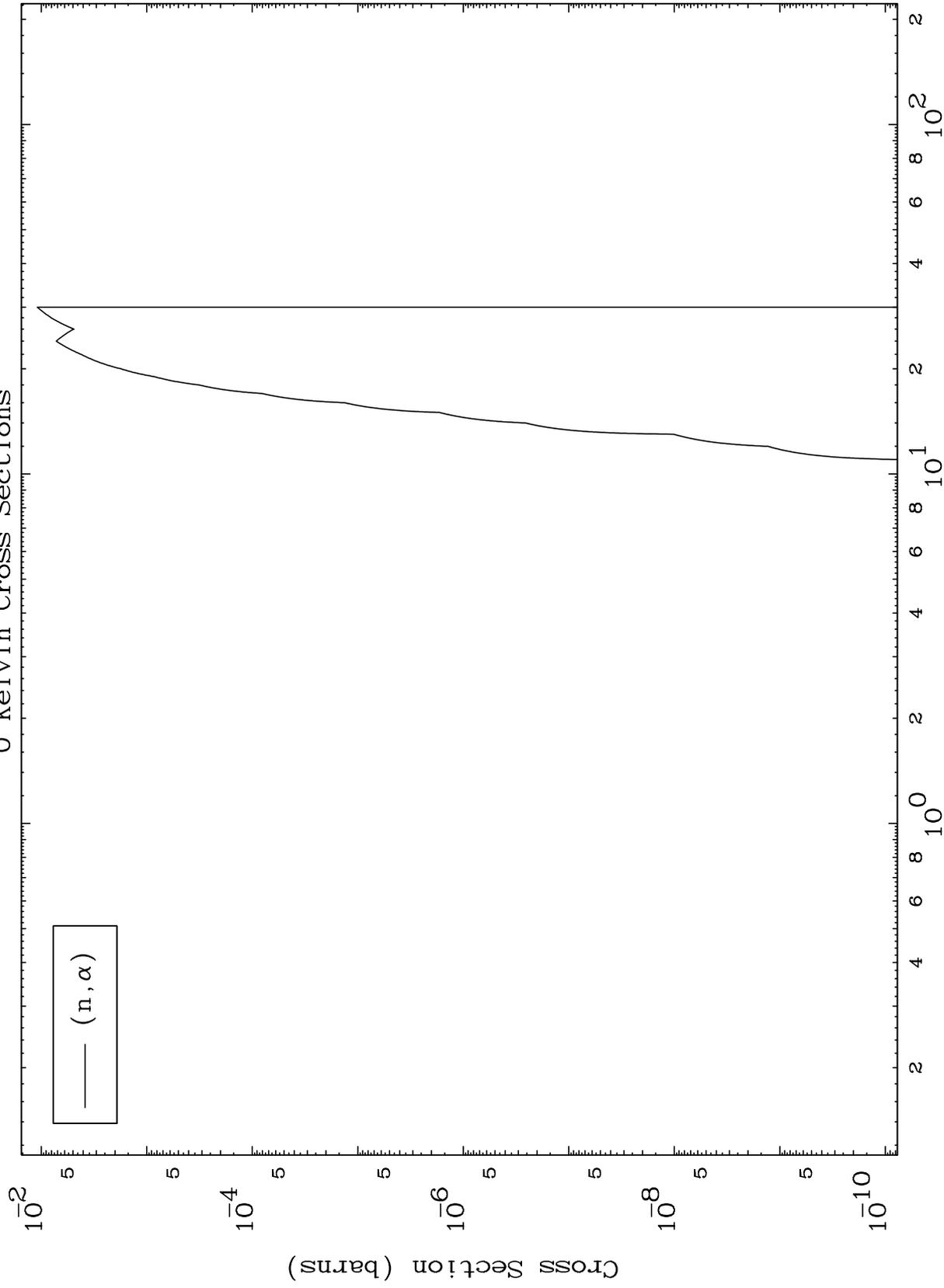


MAT 5080

(α, α) Levels

50-Sn-130m

0 Kelvin Cross Sections



10

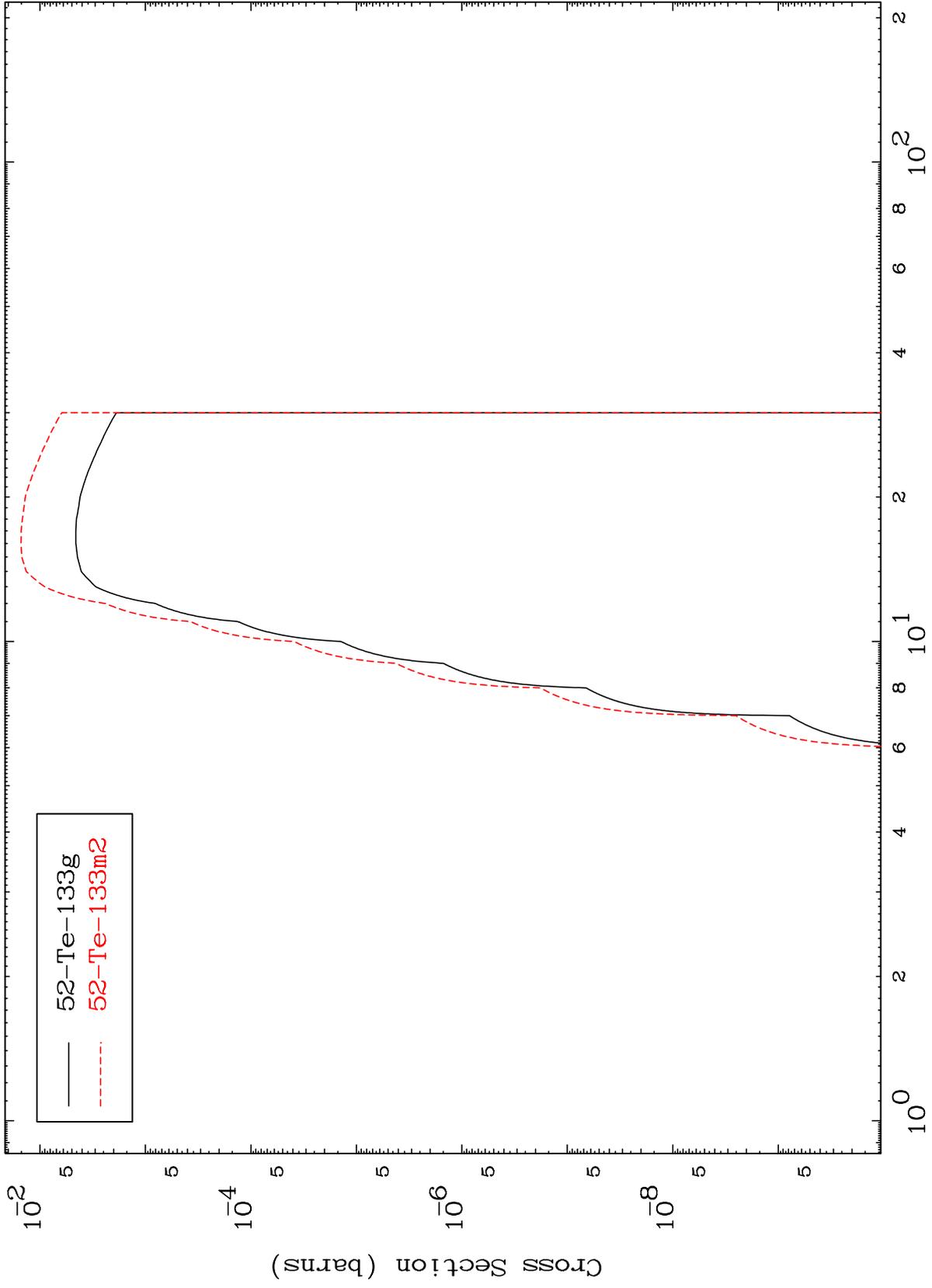
Incident Energy (MeV)

50-Sn-130m

MAT 5080

Inelastic
Radionuclide Production Cross Section

50-Sn-130m



11

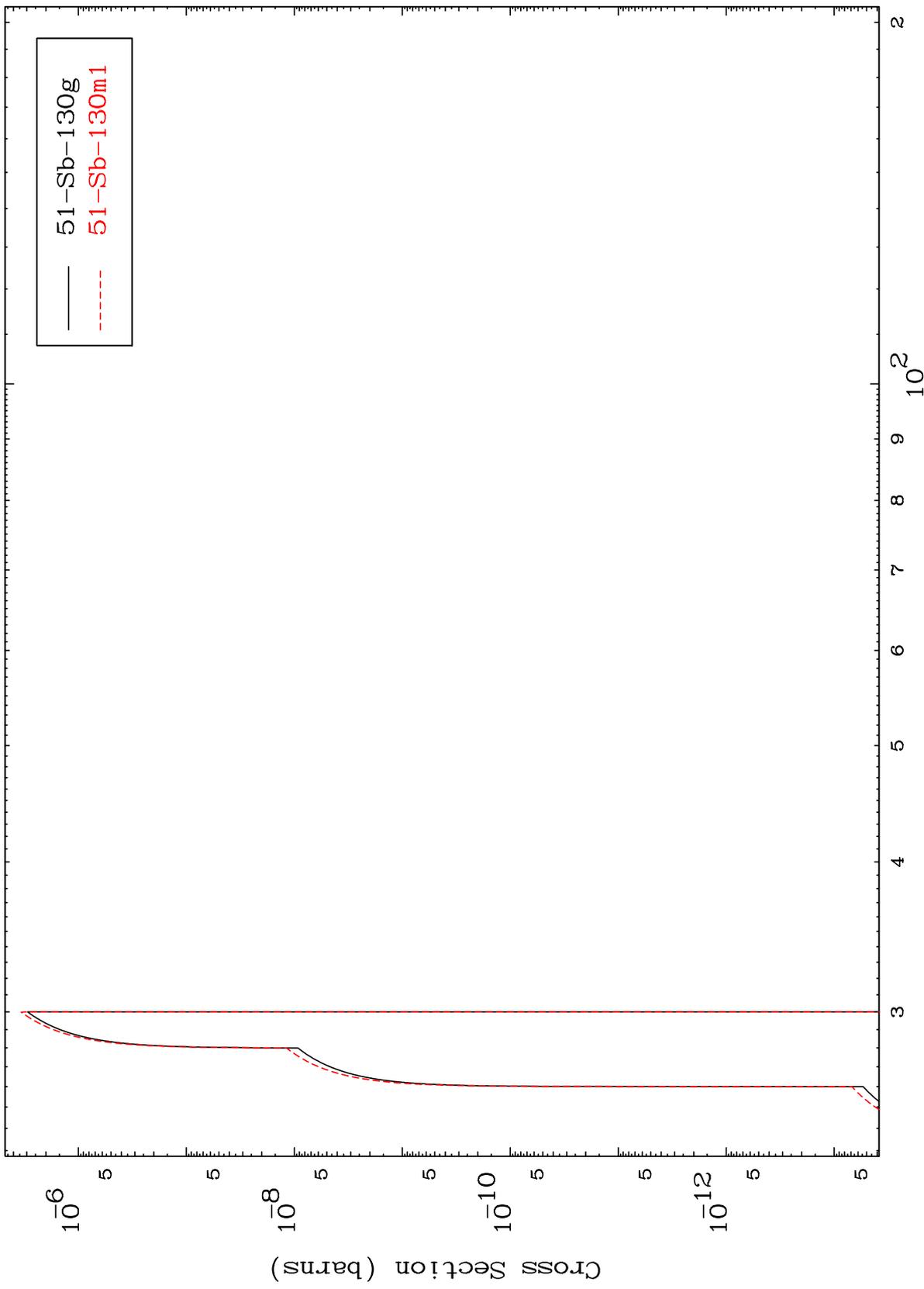
Incident Energy (MeV)

50-Sn-130m

MAT 5080

50-Sn-130m

(n,2n) d
Radionuclide Production Cross Section



12

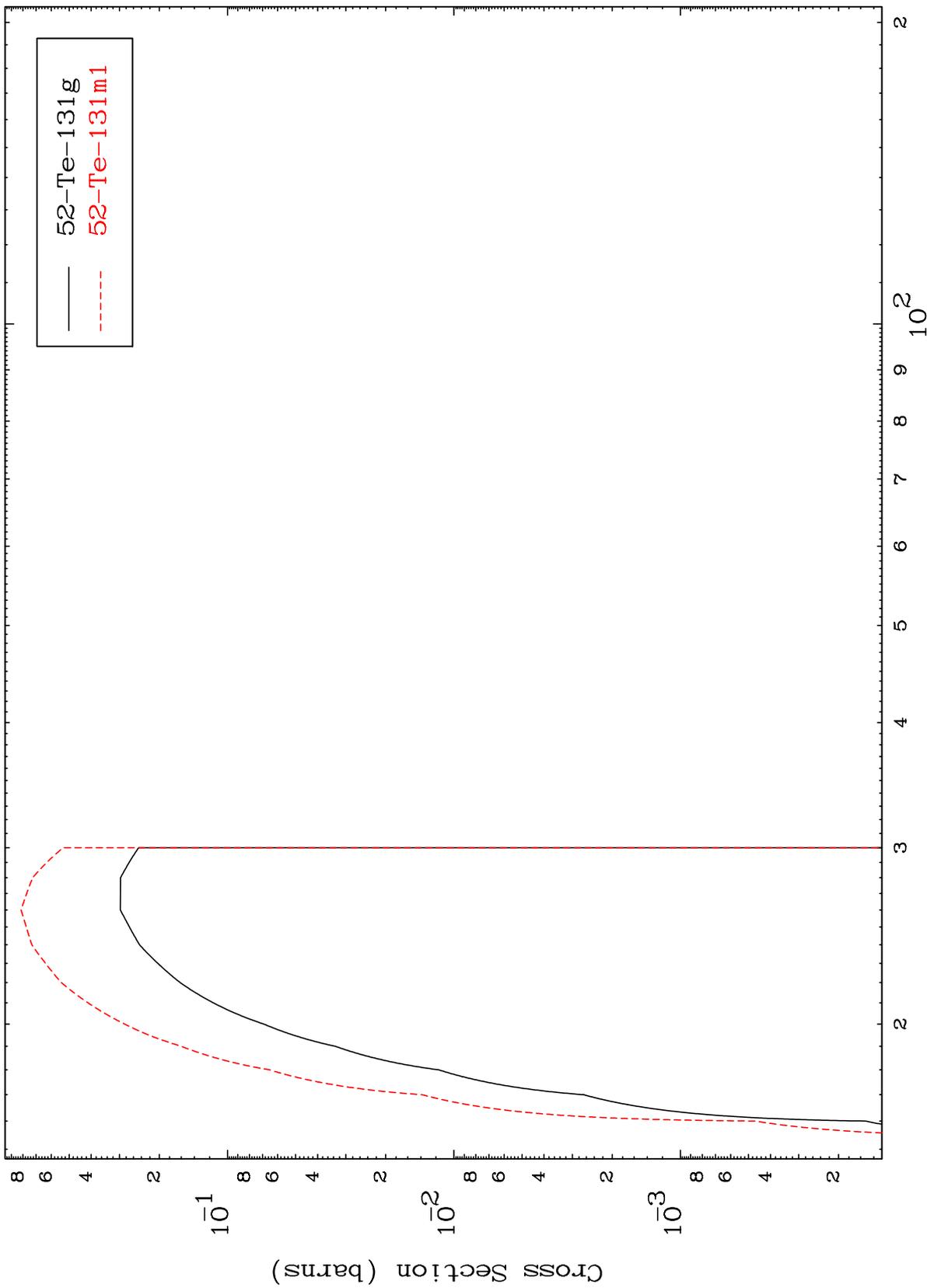
Incident Energy (MeV)

50-Sn-130m

MAT 5080

50-Sn-130m

(n,3n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

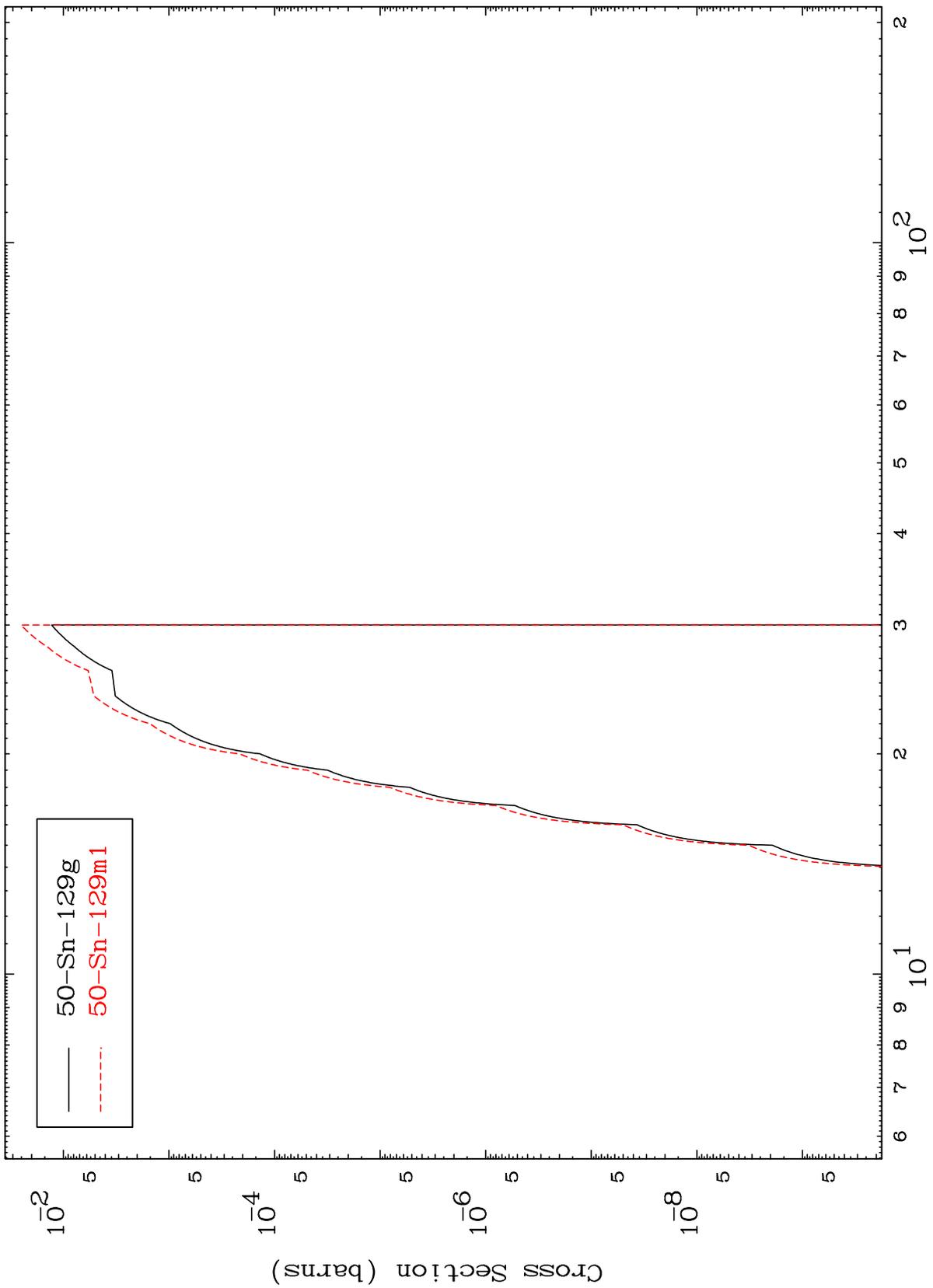
50-Sn-130m

MAT 5080

50-Sn-130m

(n,n') α

Radionuclide Production Cross Section



14

Incident Energy (MeV)

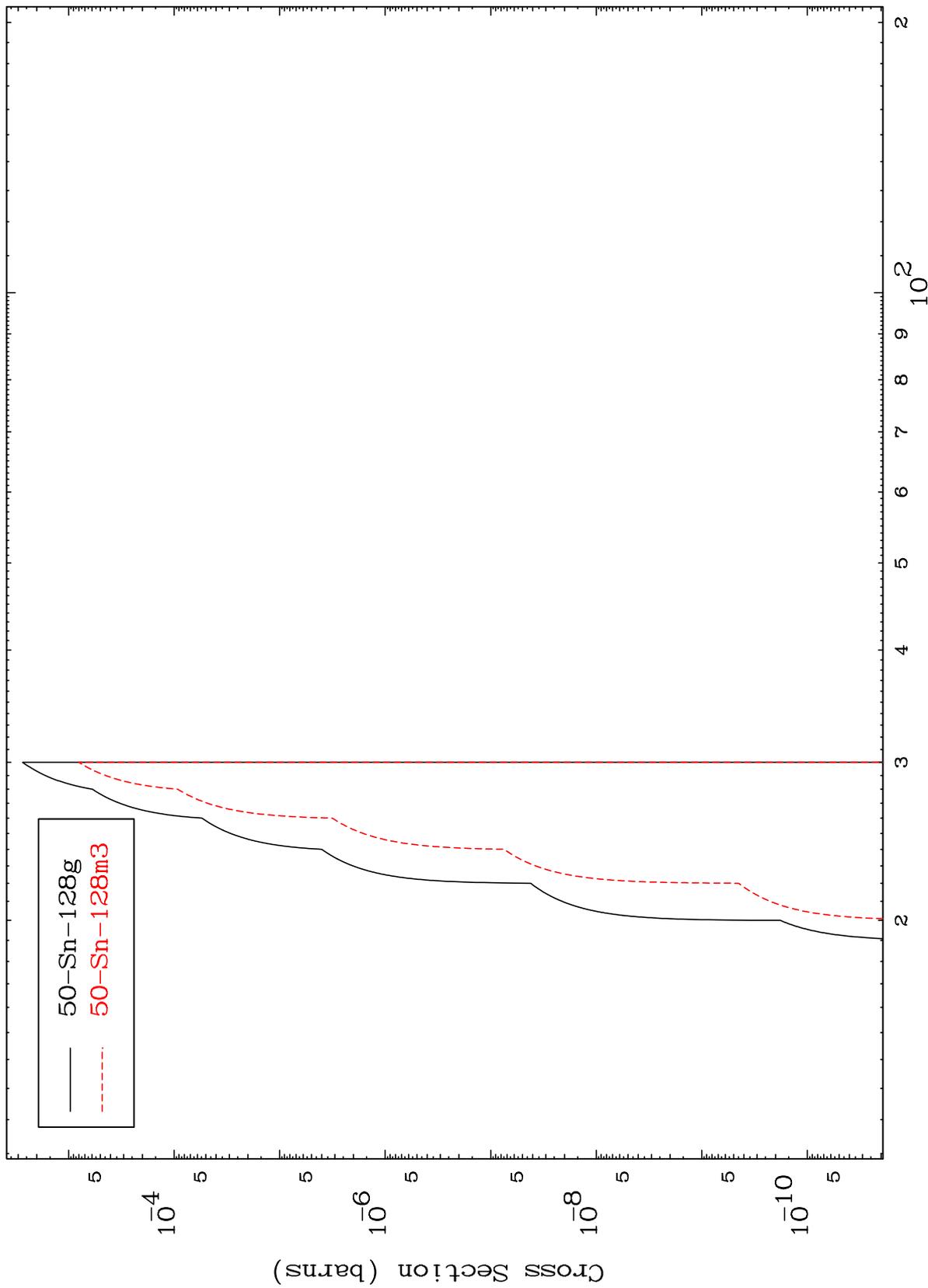
50-Sn-130m

MAT 5080

50-Sn-130m

(n,2n) α

Radionuclide Production Cross Section



15

Incident Energy (MeV)

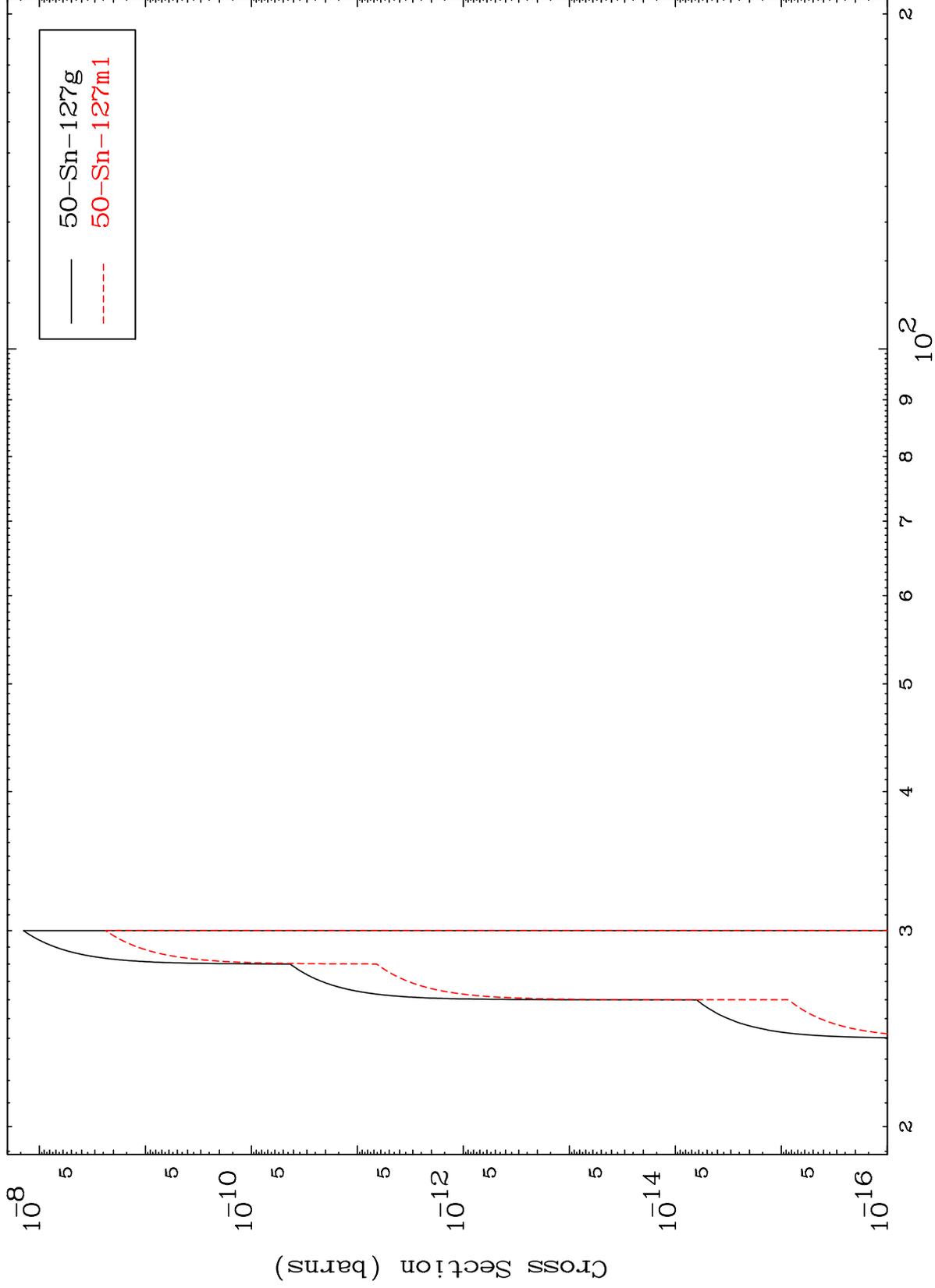
50-Sn-130m

MAT 5080

$(n,3n) \alpha$

50-Sn-130m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

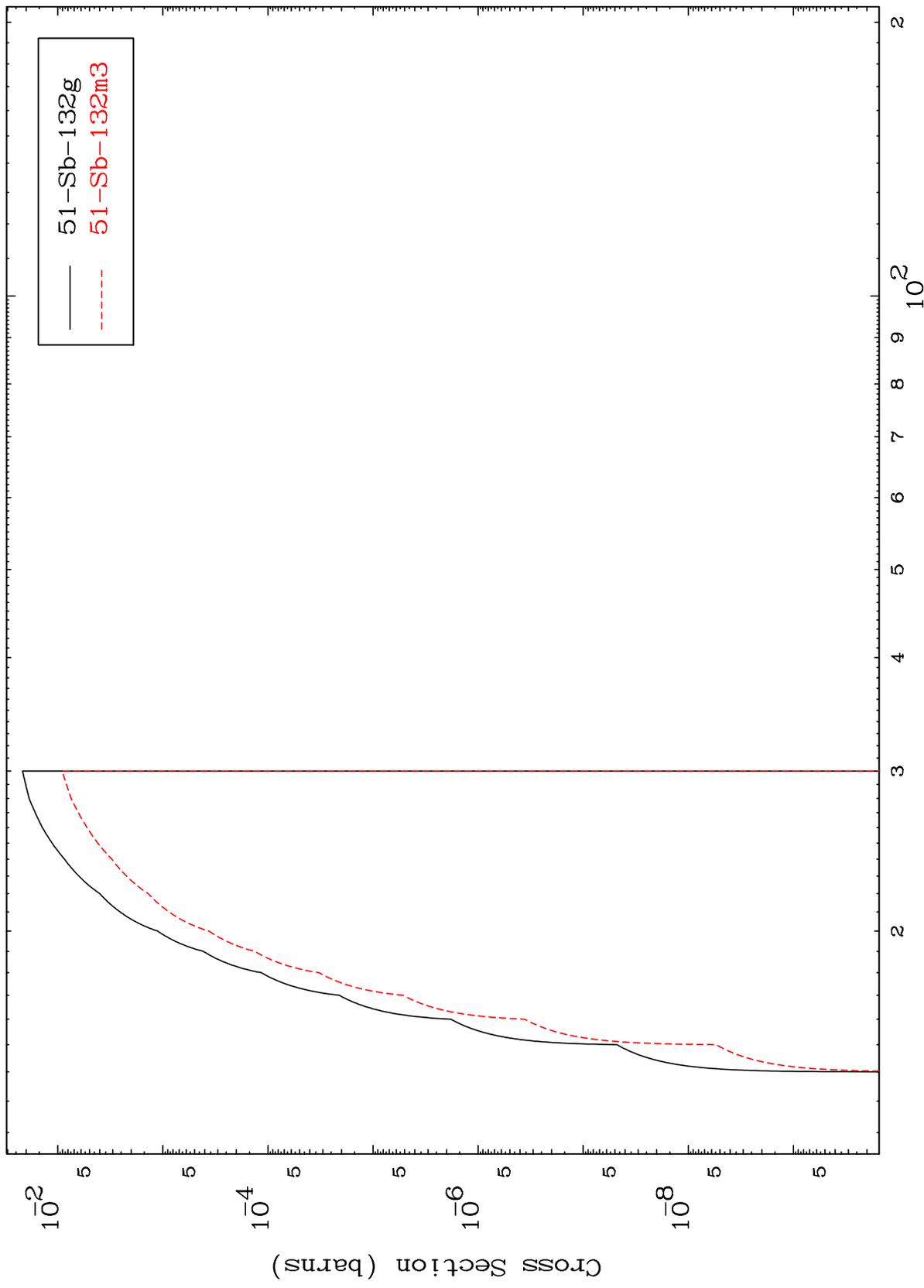
50-Sn-130m

MAT 5080

(n, n') p

50-Sn-130m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

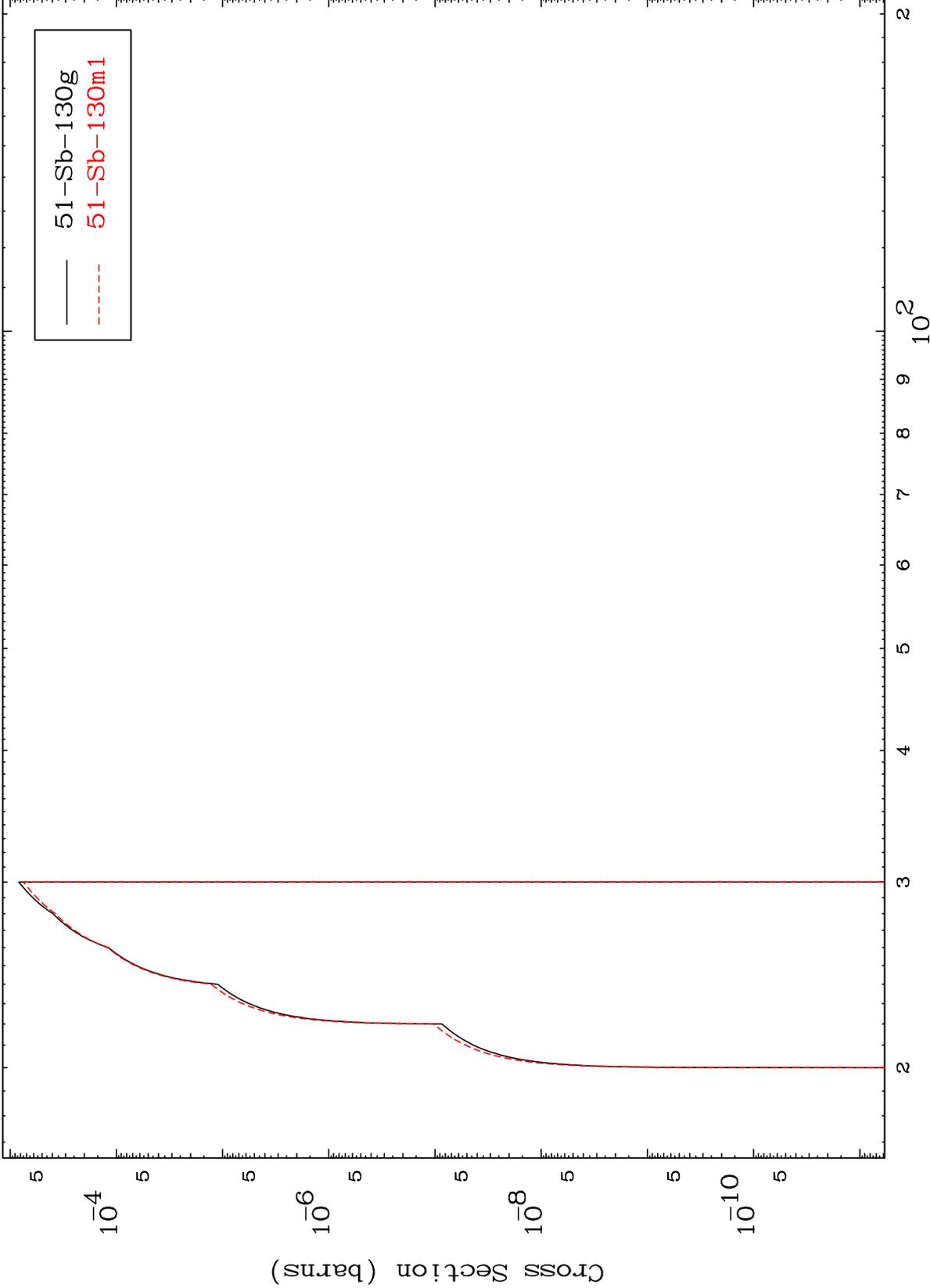
50-Sn-130m

MAT 5080

(n,n') t

50-Sn-130m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

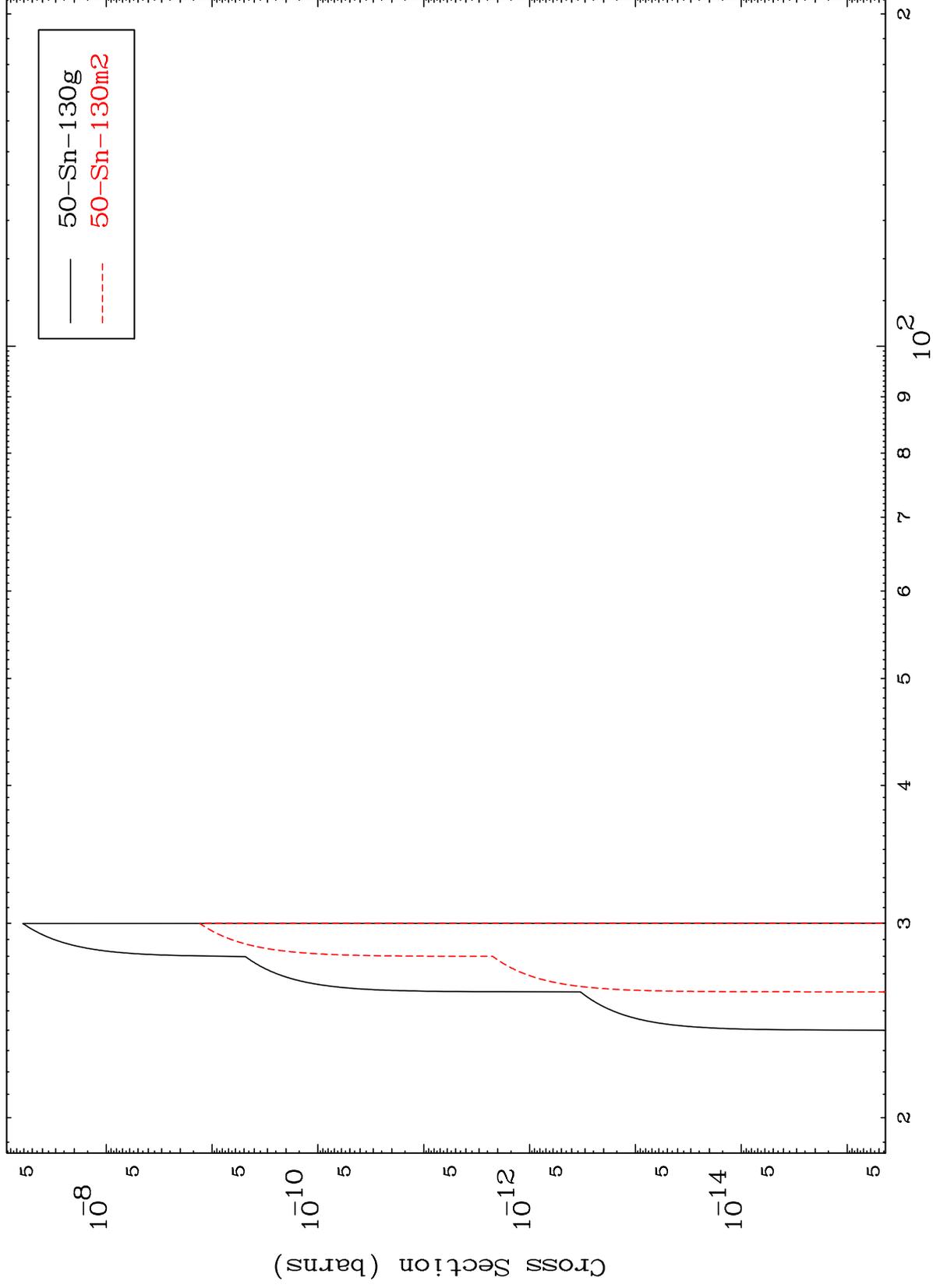
50-Sn-130m

MAT 5080

(n,n') He-3

50-Sn-130m

Radionuclide Production Cross Section



19

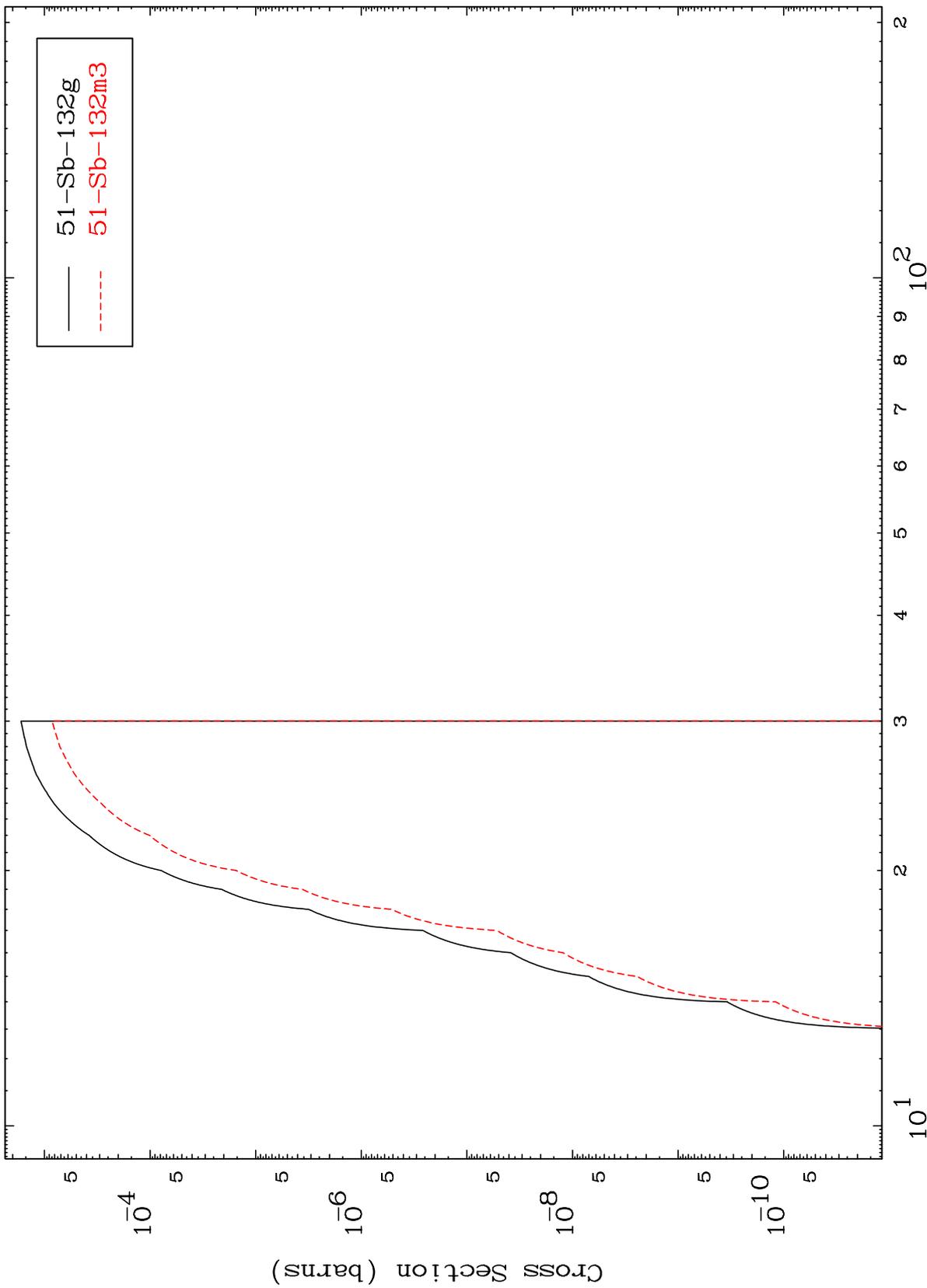
Incident Energy (MeV)

50-Sn-130m

MAT 5080

50-Sn-130m

(n,d)
Radionuclide Production Cross Section



50-Sn-130m

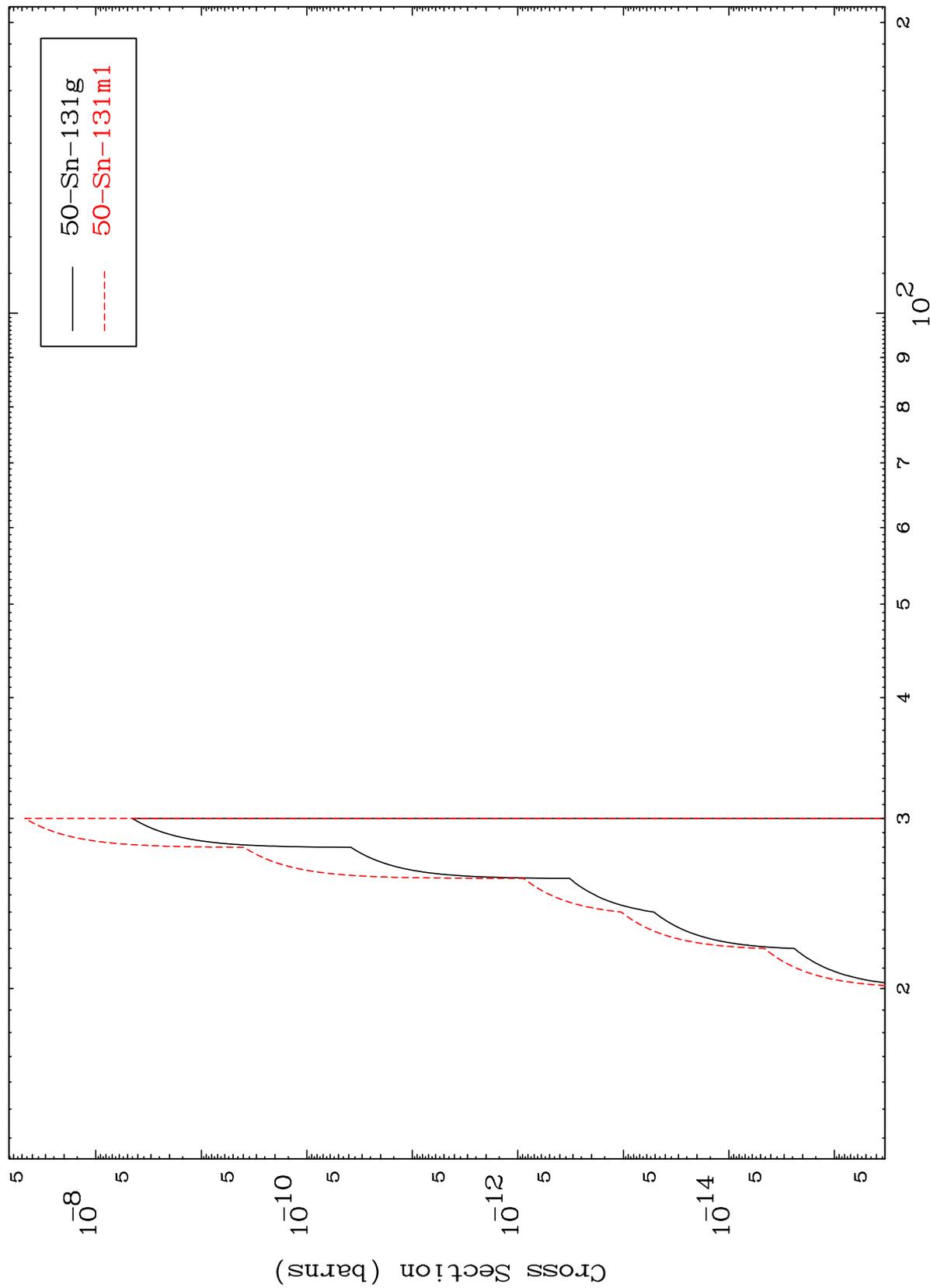
Incident Energy (MeV)

21

MAT 5080

50-Sn-130m

(n,He-3)
Radionuclide Production Cross Section



50-Sn-130m

Incident Energy (MeV)

22

MAT 5080

50-Sn-130m

