

Program EVALPLOT
(Version 2021-1)

by

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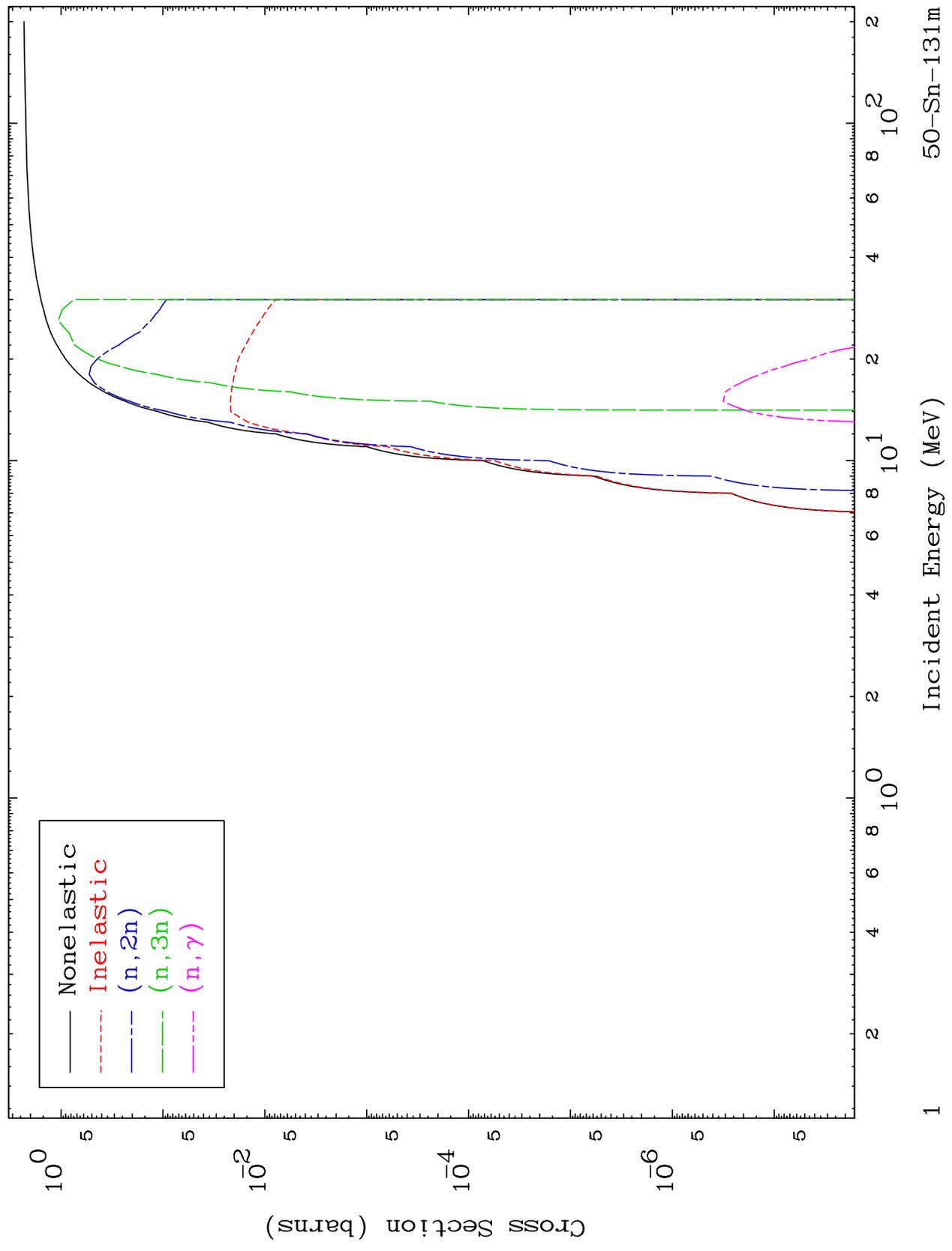
Press Mouse Button to Start

MAT 5083

0 Kelvin

α Major Cross Sections

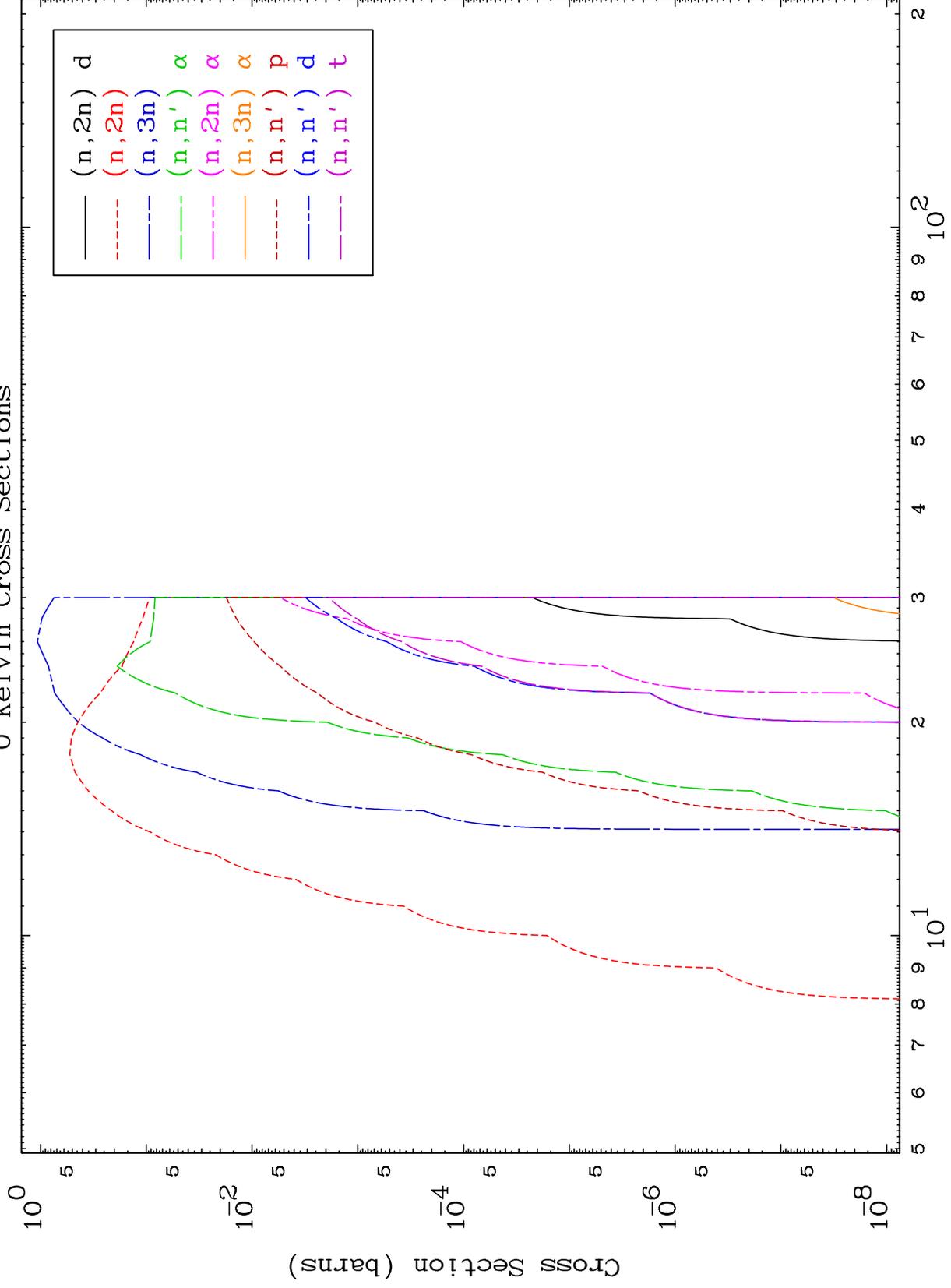
50-Sn-131m



MAT 5083

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-131m



2

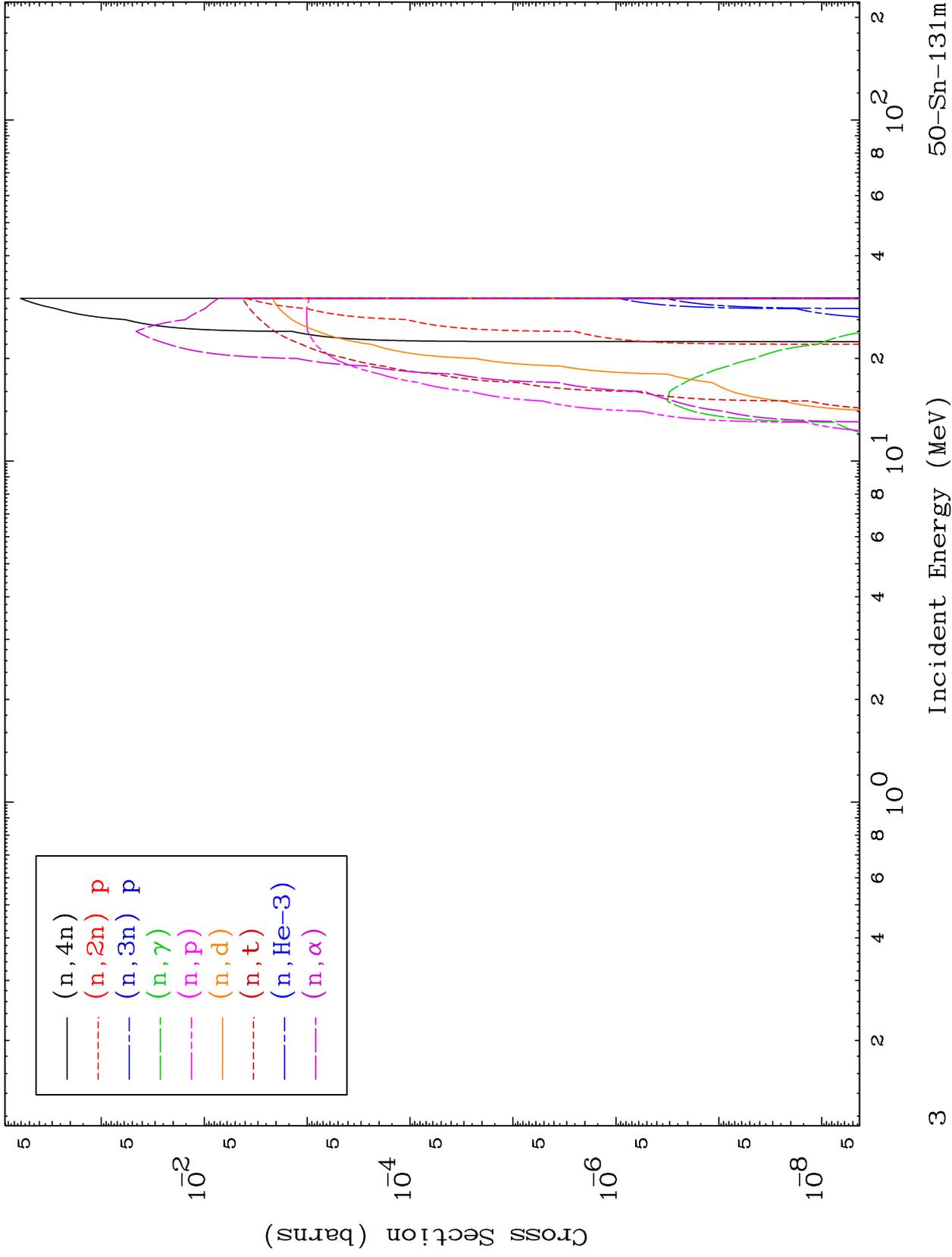
Incident Energy (MeV)

50-Sn-131m

MAT 5083

α Neutron Absorption
0 Kelvin Cross Sections

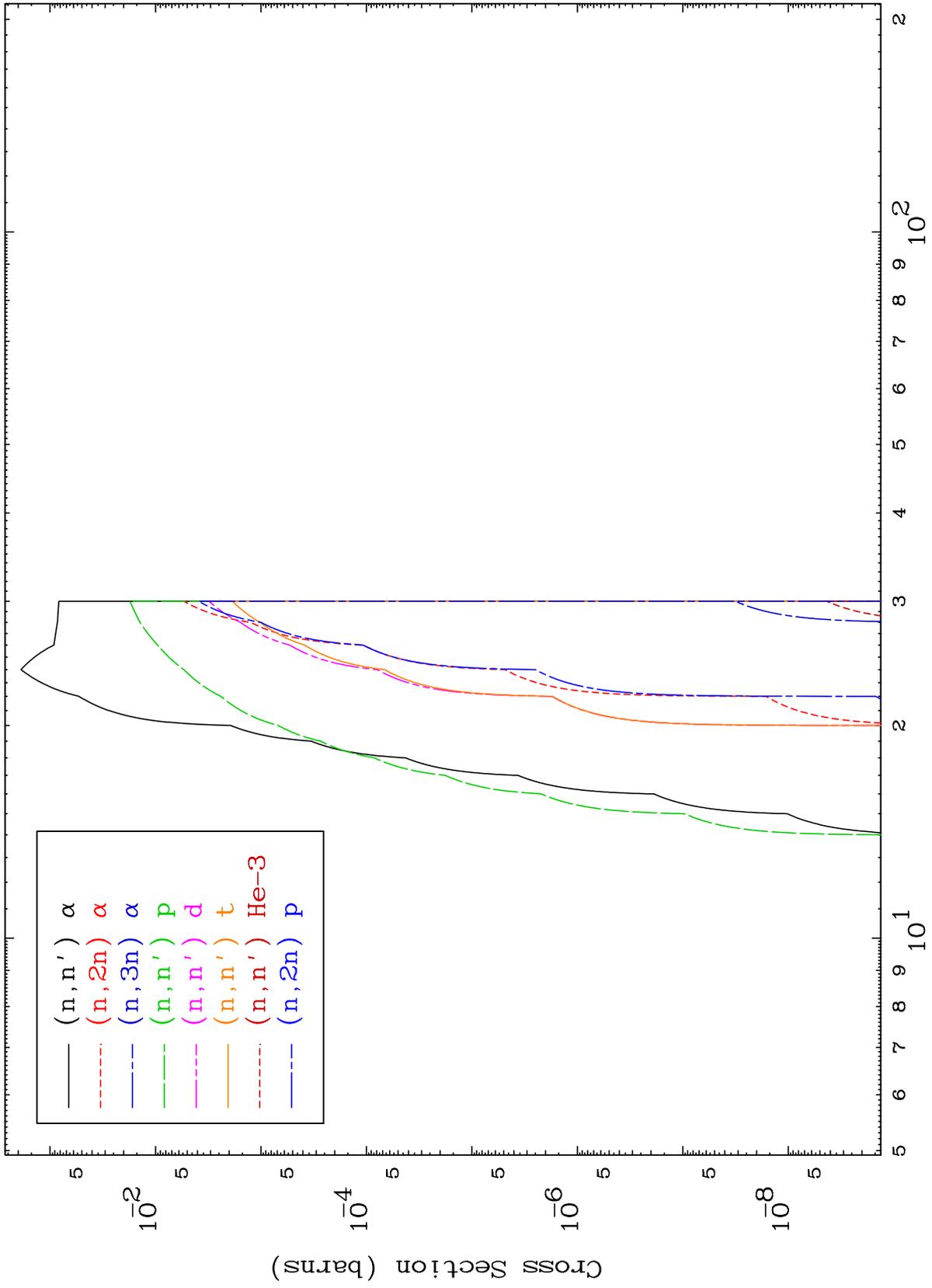
50-Sn-131m



MAT 5083

α Charged Particle
0 Kelvin Cross Sections

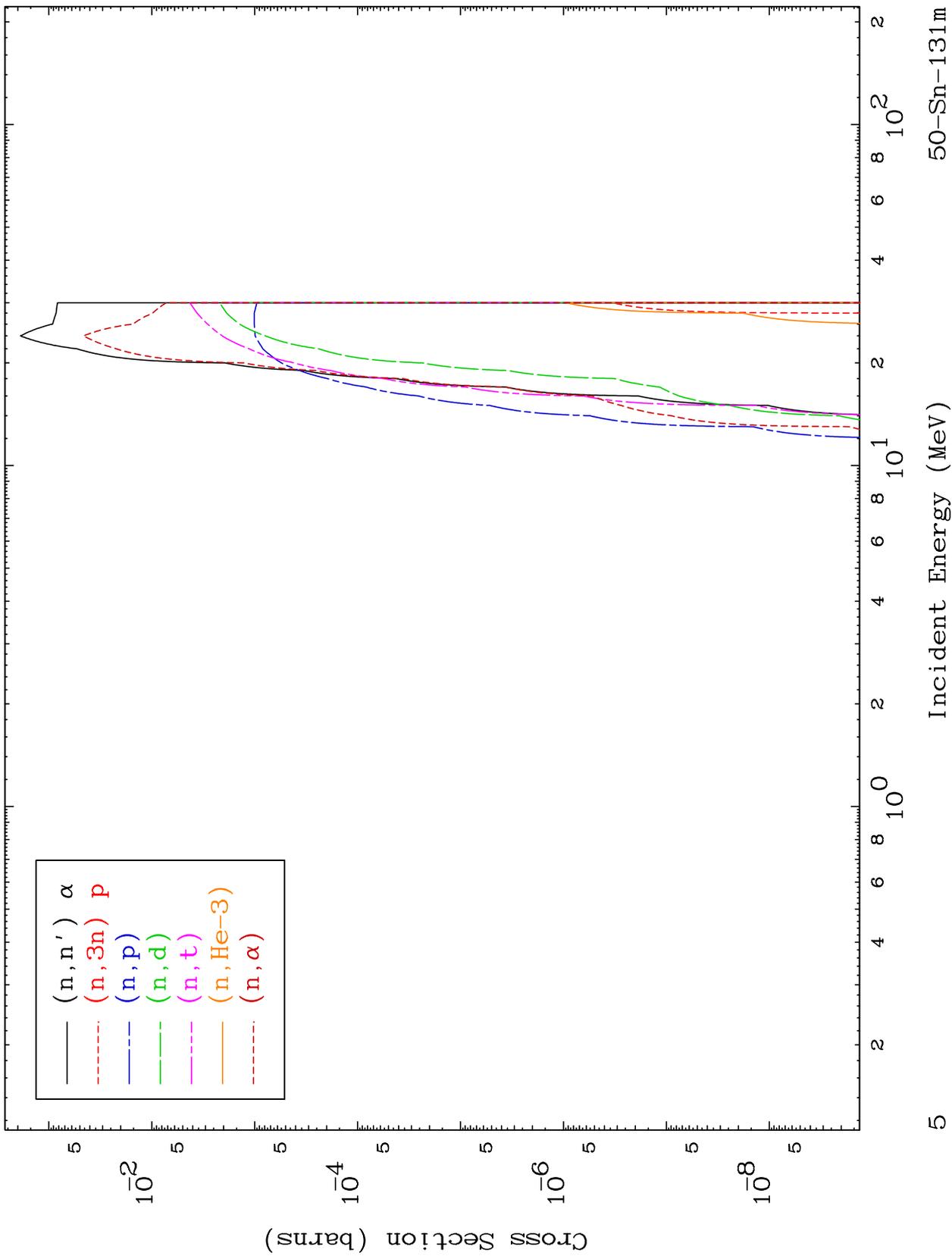
50-Sn-131m



MAT 5083

α Charged Particle
0 Kelvin Cross Sections

50-Sn-131m

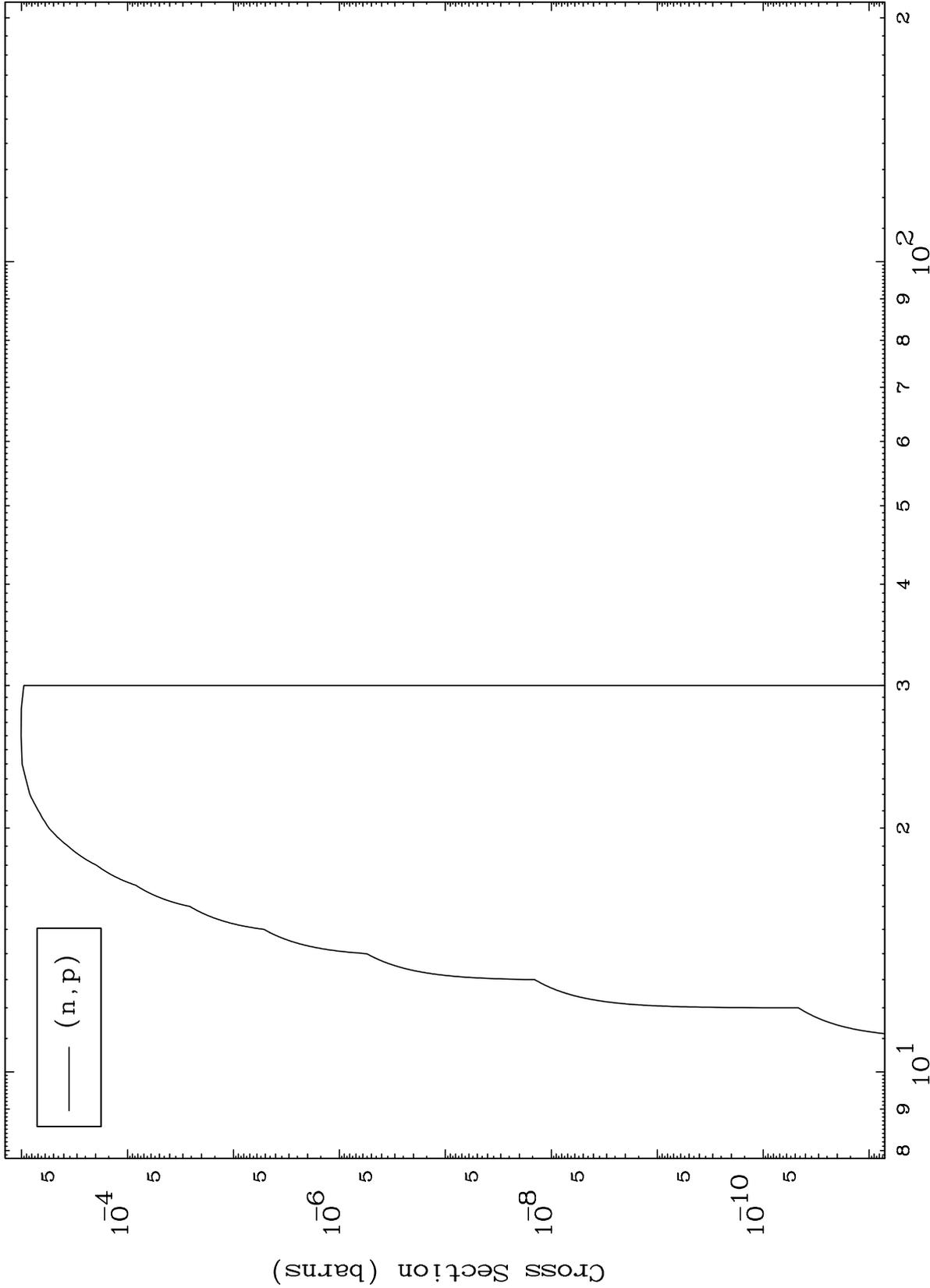


MAT 5083

(α, p) Levels

50-Sn-131m

0 Kelvin Cross Sections



Incident Energy (MeV)

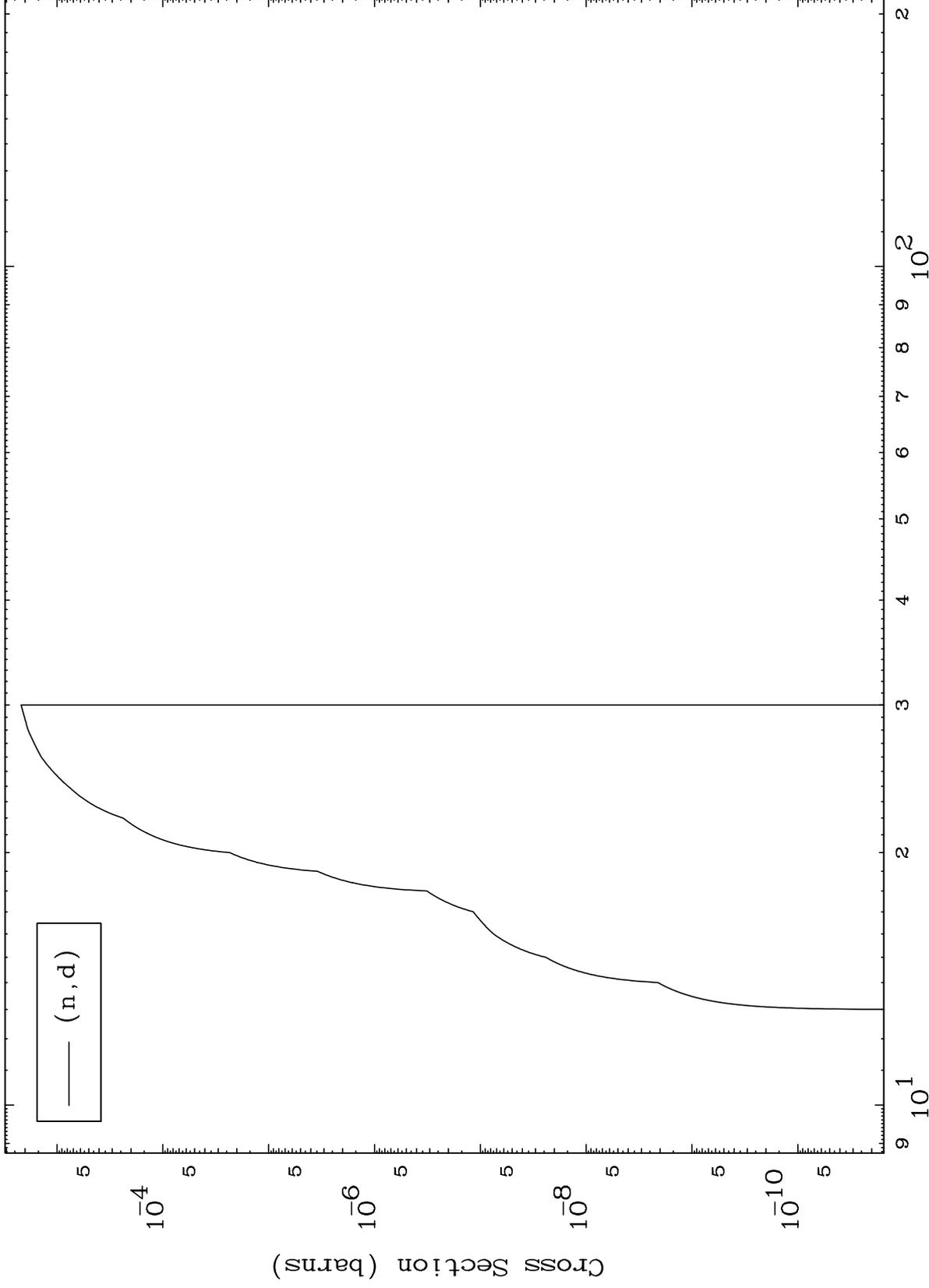
50-Sn-131m

6

MAT 5083

(α, d) Levels
0 Kelvin Cross Sections

50-Sn-131m



Incident Energy (MeV)

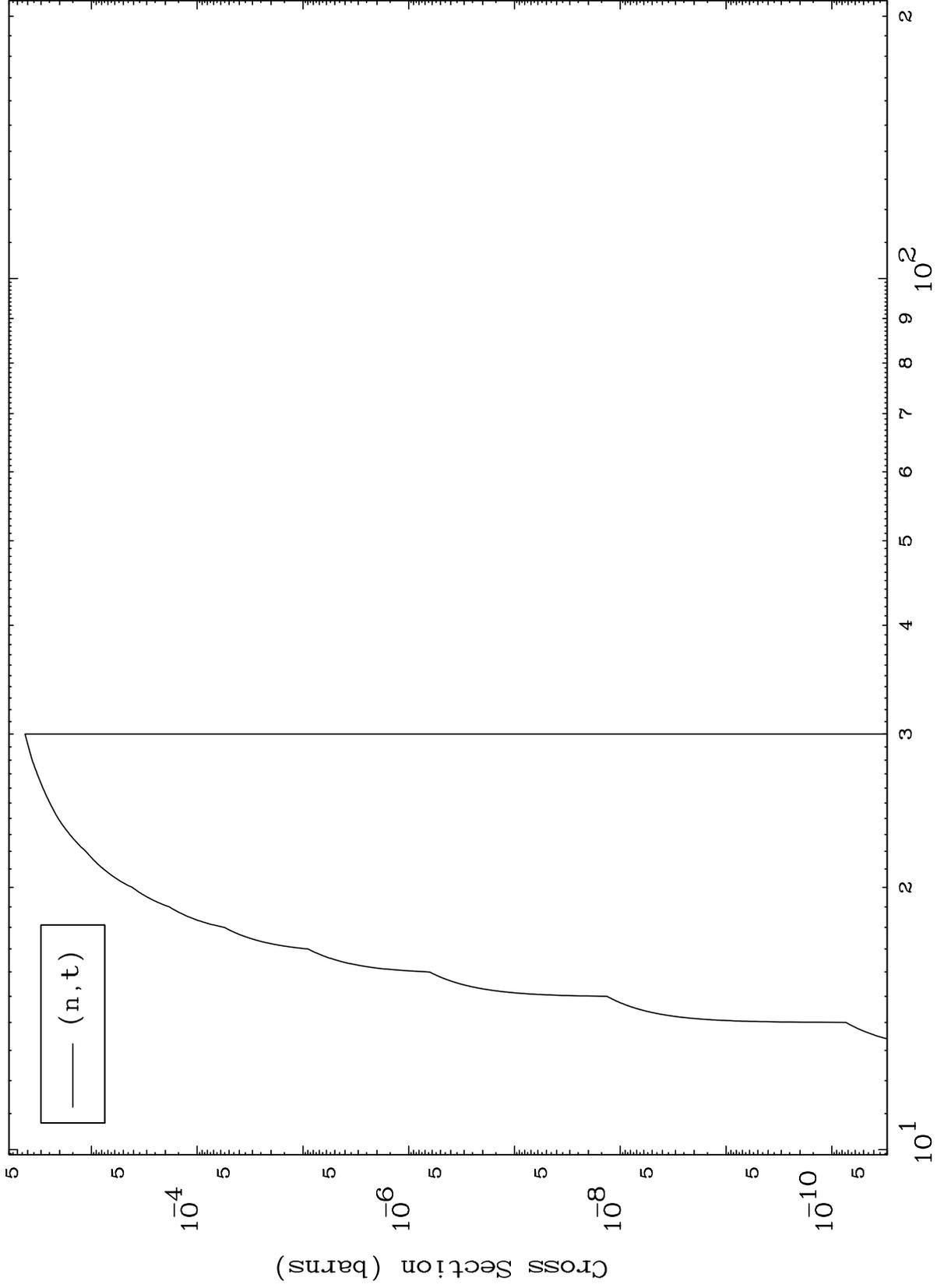
50-Sn-131m

MAT 5083

(α, t) Levels

50-Sn-131m

0 Kelvin Cross Sections



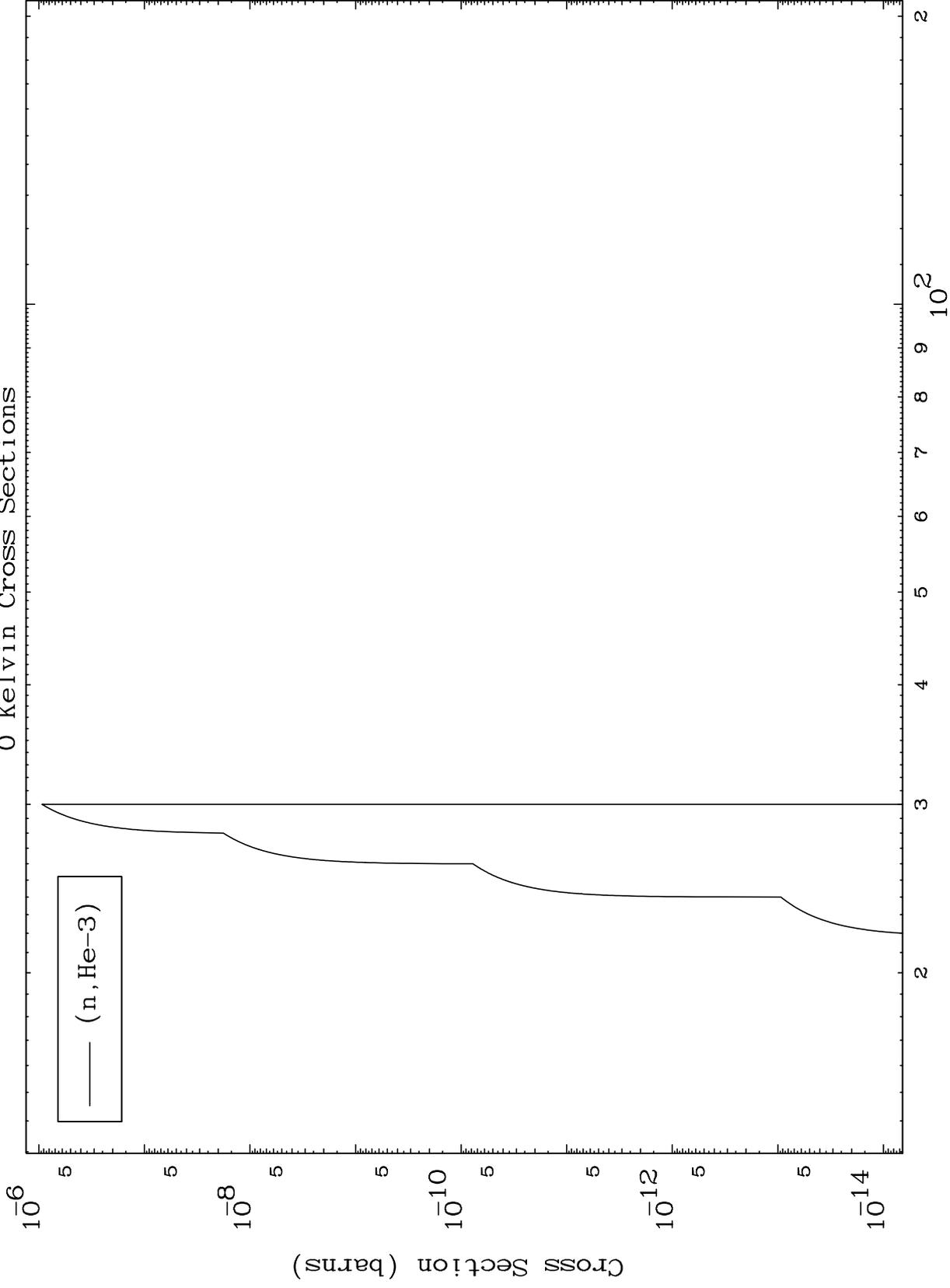
Incident Energy (MeV)

50-Sn-131m

MAT 5083

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

50-Sn-131m

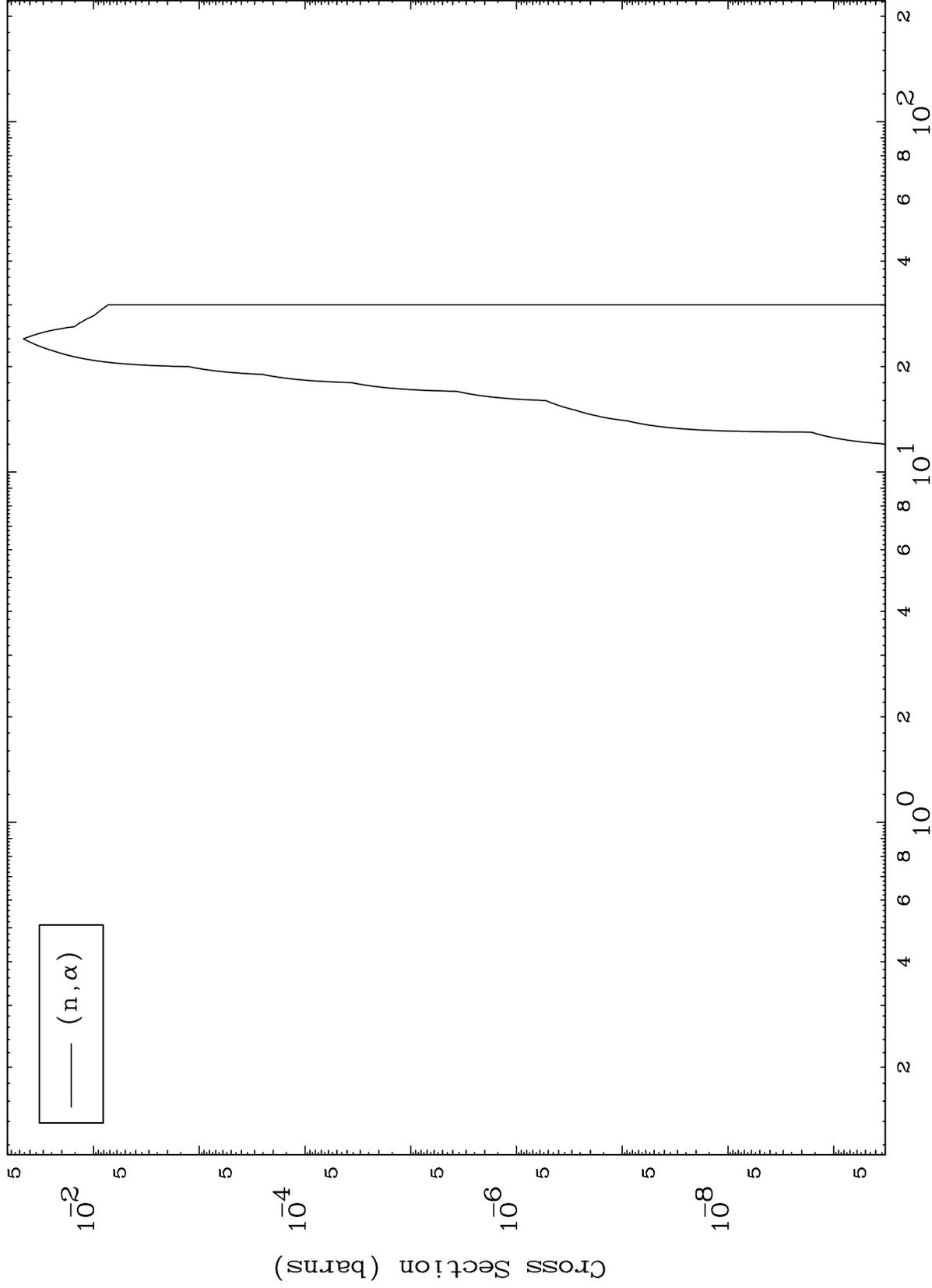


MAT 5083

(α, α) Levels

50-Sn-131m

0 Kelvin Cross Sections



10

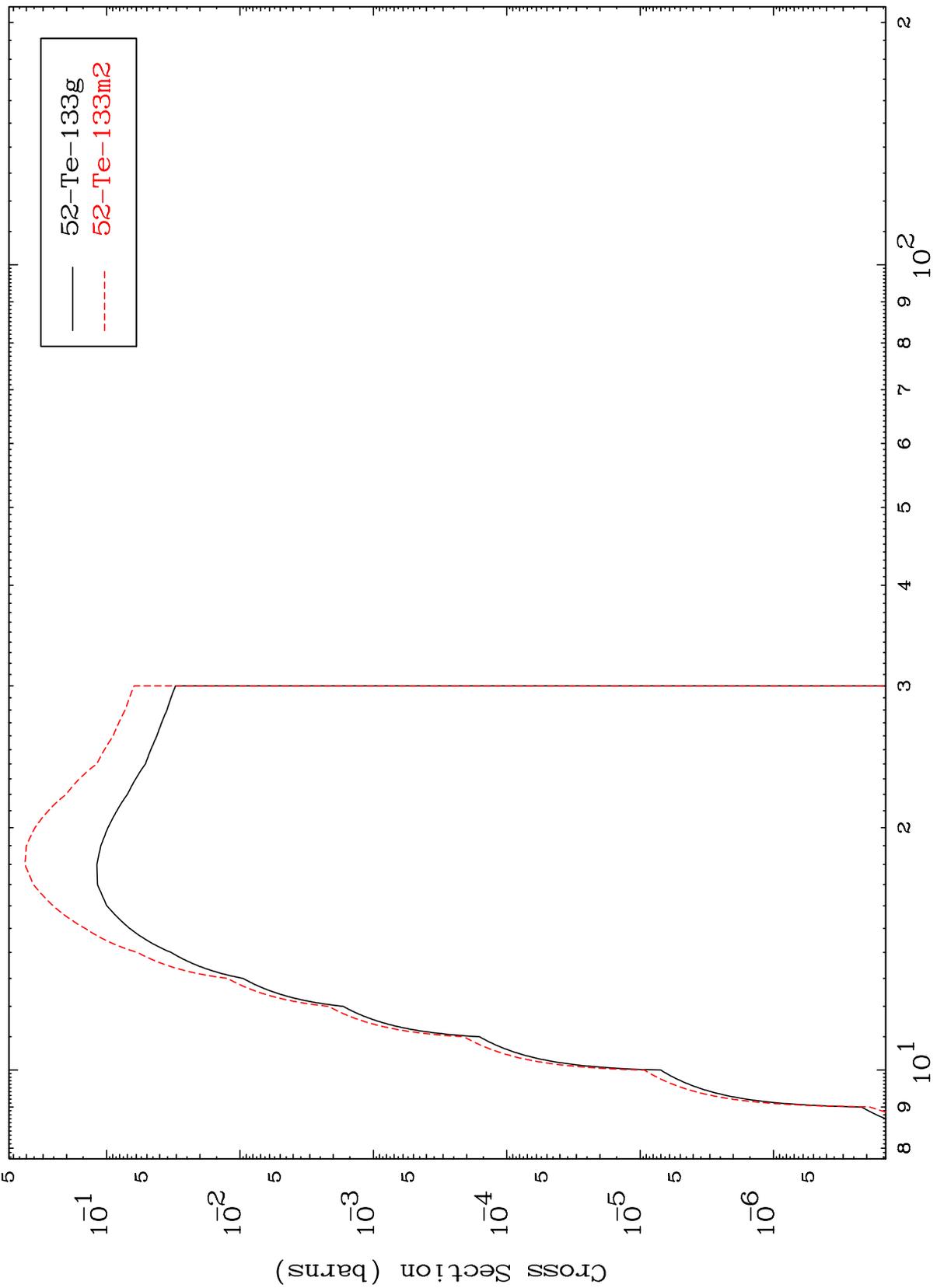
Incident Energy (MeV)

50-Sn-131m

MAT 5083

50-Sn-131m

(n,2n)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

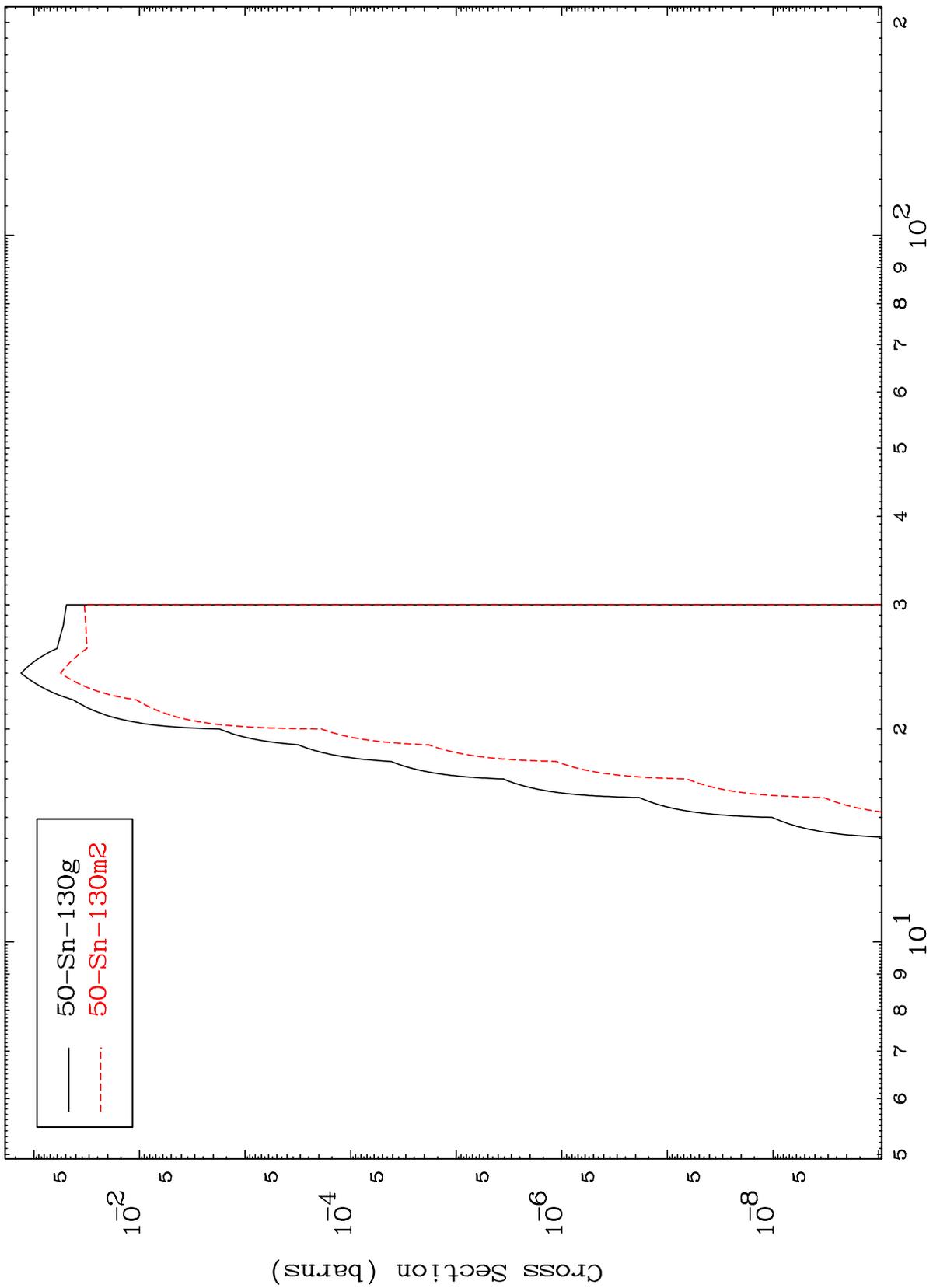
50-Sn-131m

MAT 5083

50-Sn-131m

(n,n') α

Radionuclide Production Cross Section



12

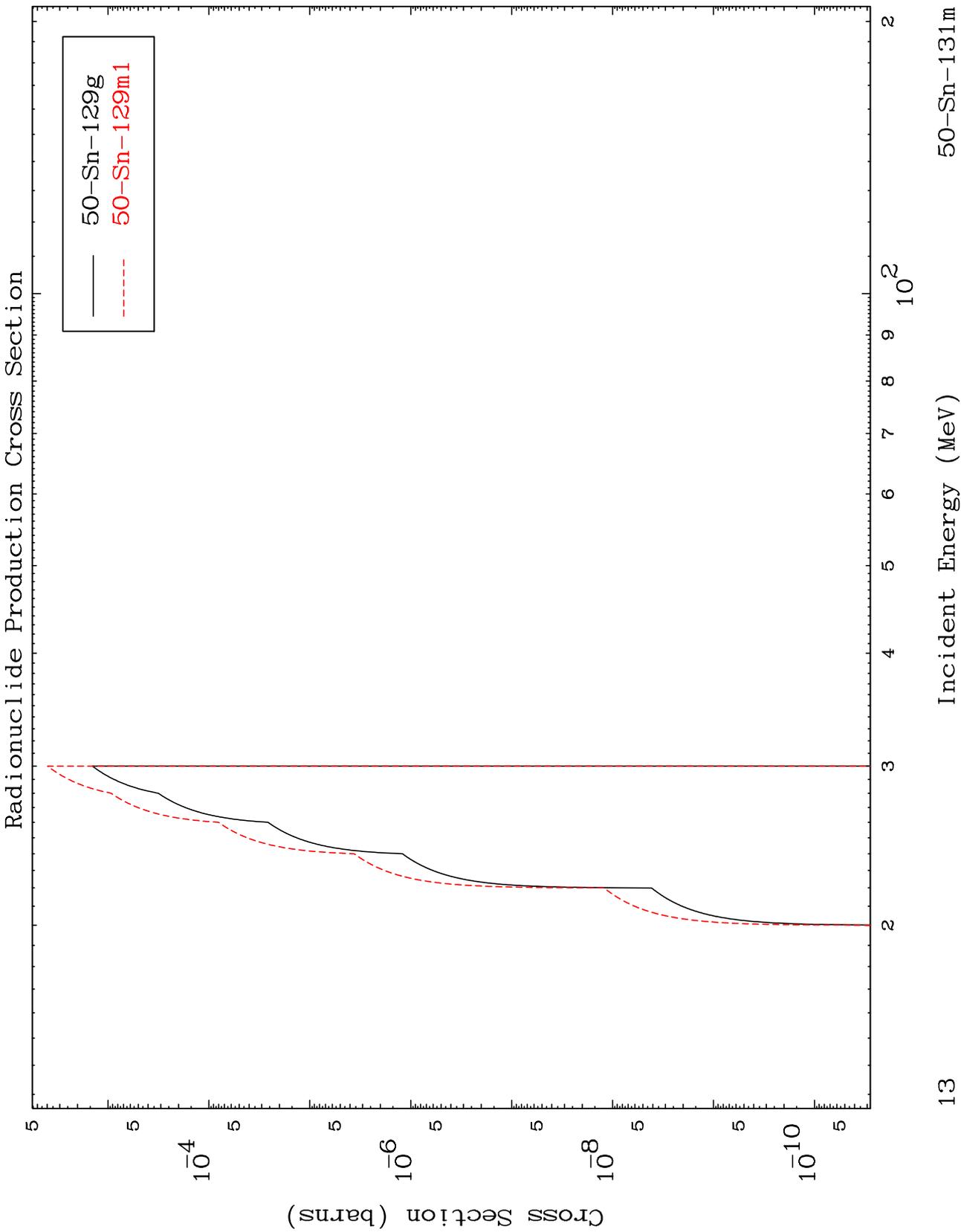
Incident Energy (MeV)

50-Sn-131m

MAT 5083

(n,2n) α

50-Sn-131m

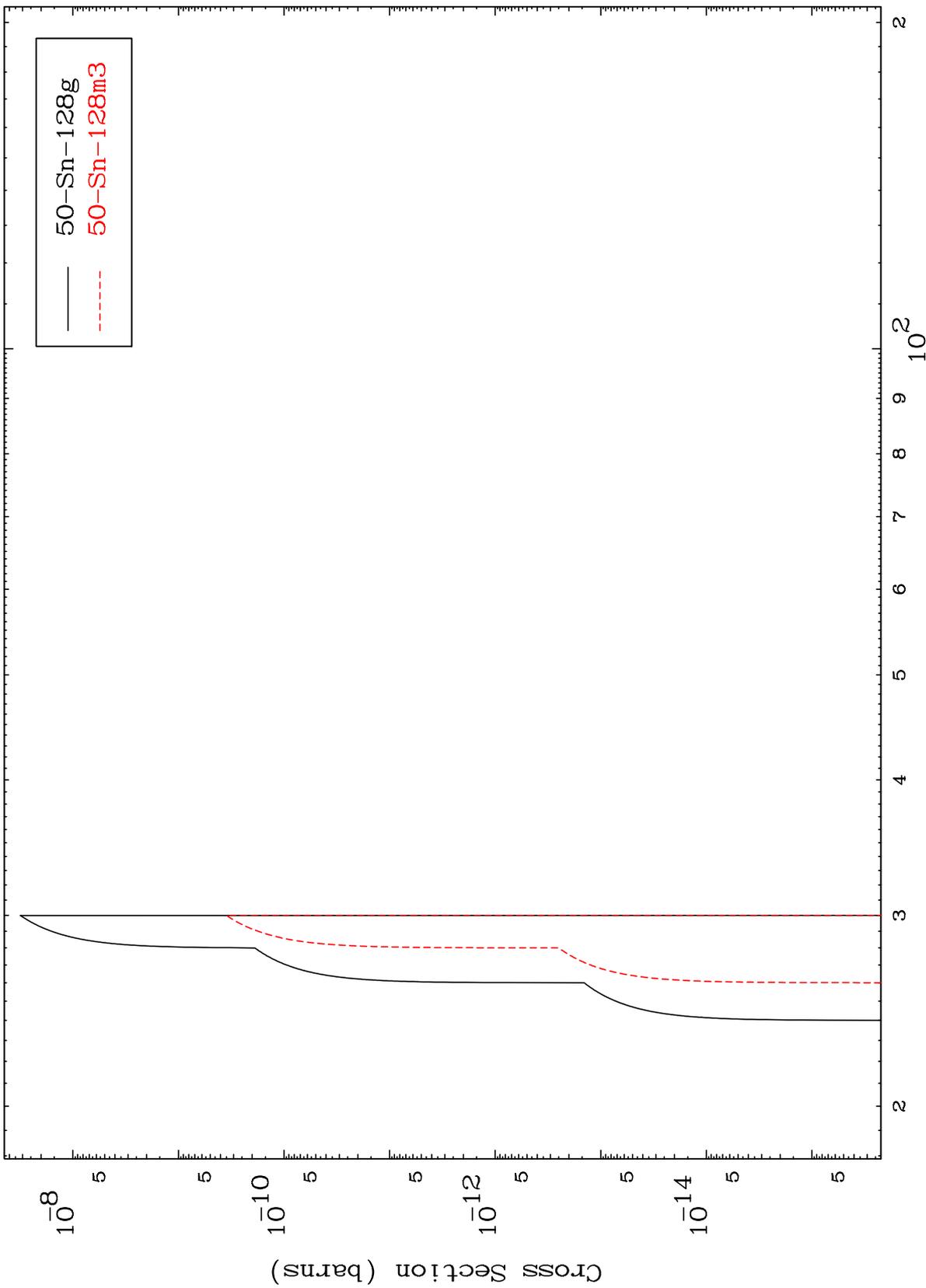


MAT 5083

(n,3n) α

50-Sn-131m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

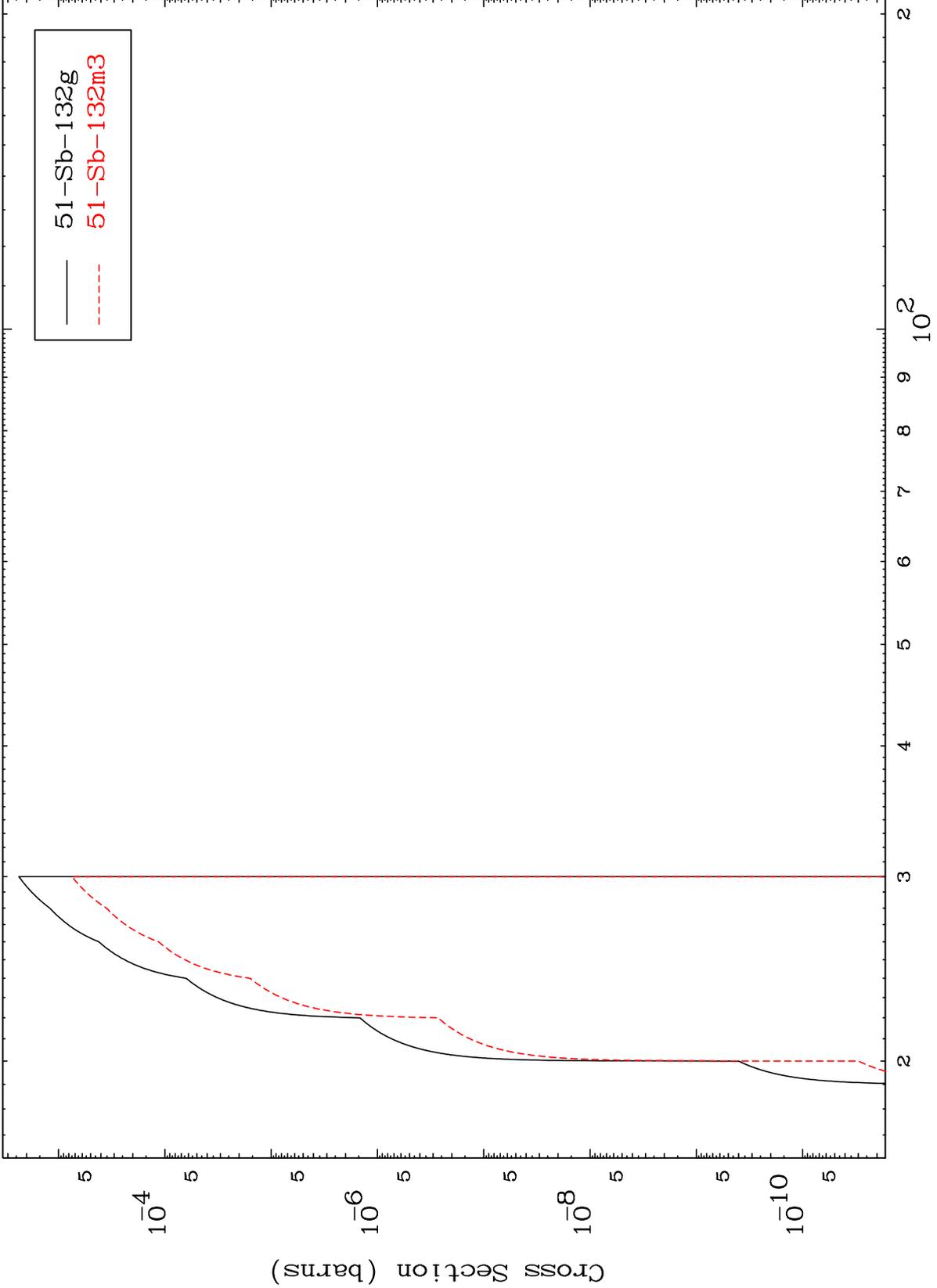
50-Sn-131m

MAT 5083

(n,n') d

50-Sn-131m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

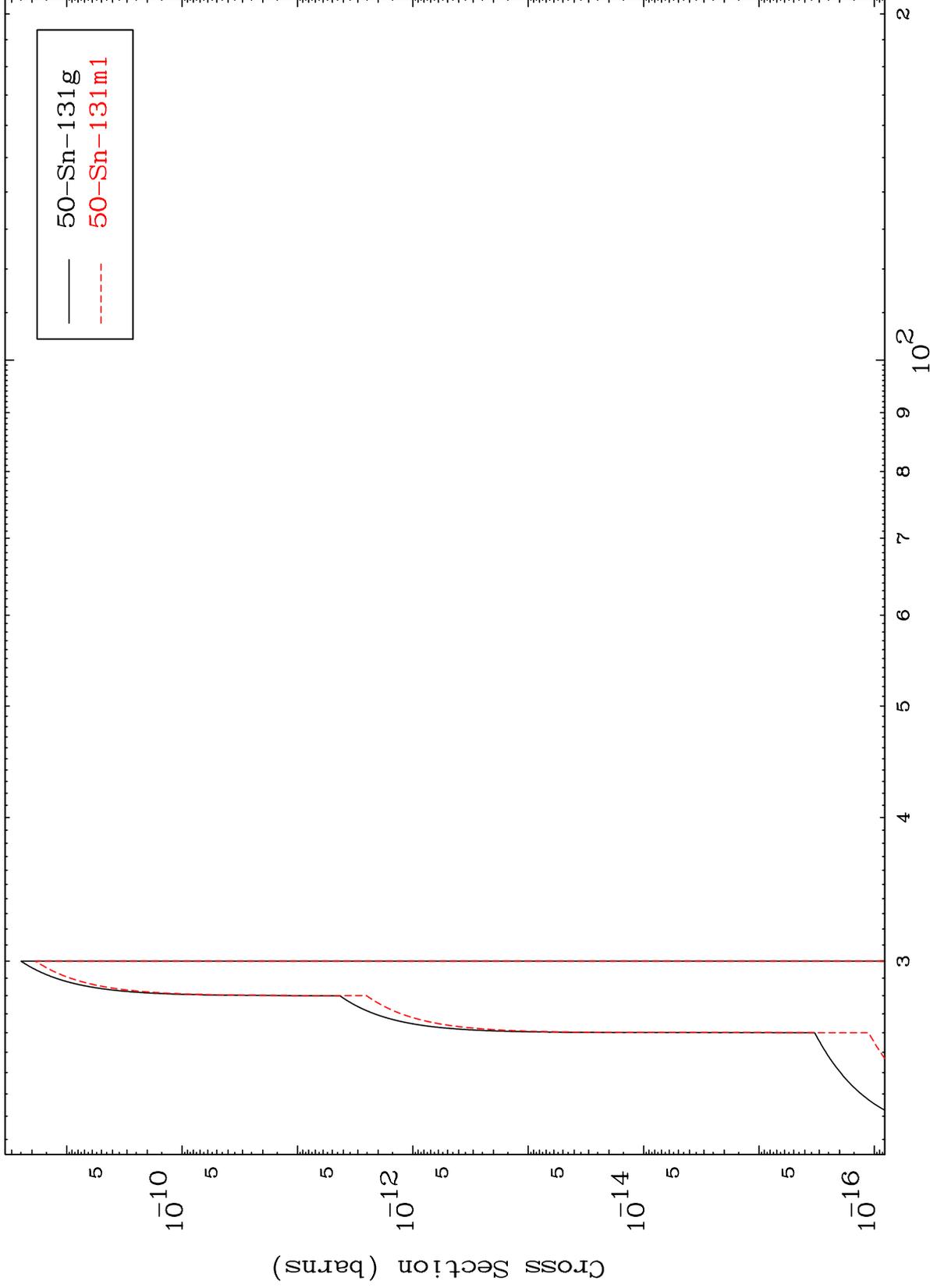
50-Sn-131m

MAT 5083

(n,n') He-3

50-Sn-131m

Radionuclide Production Cross Section



16

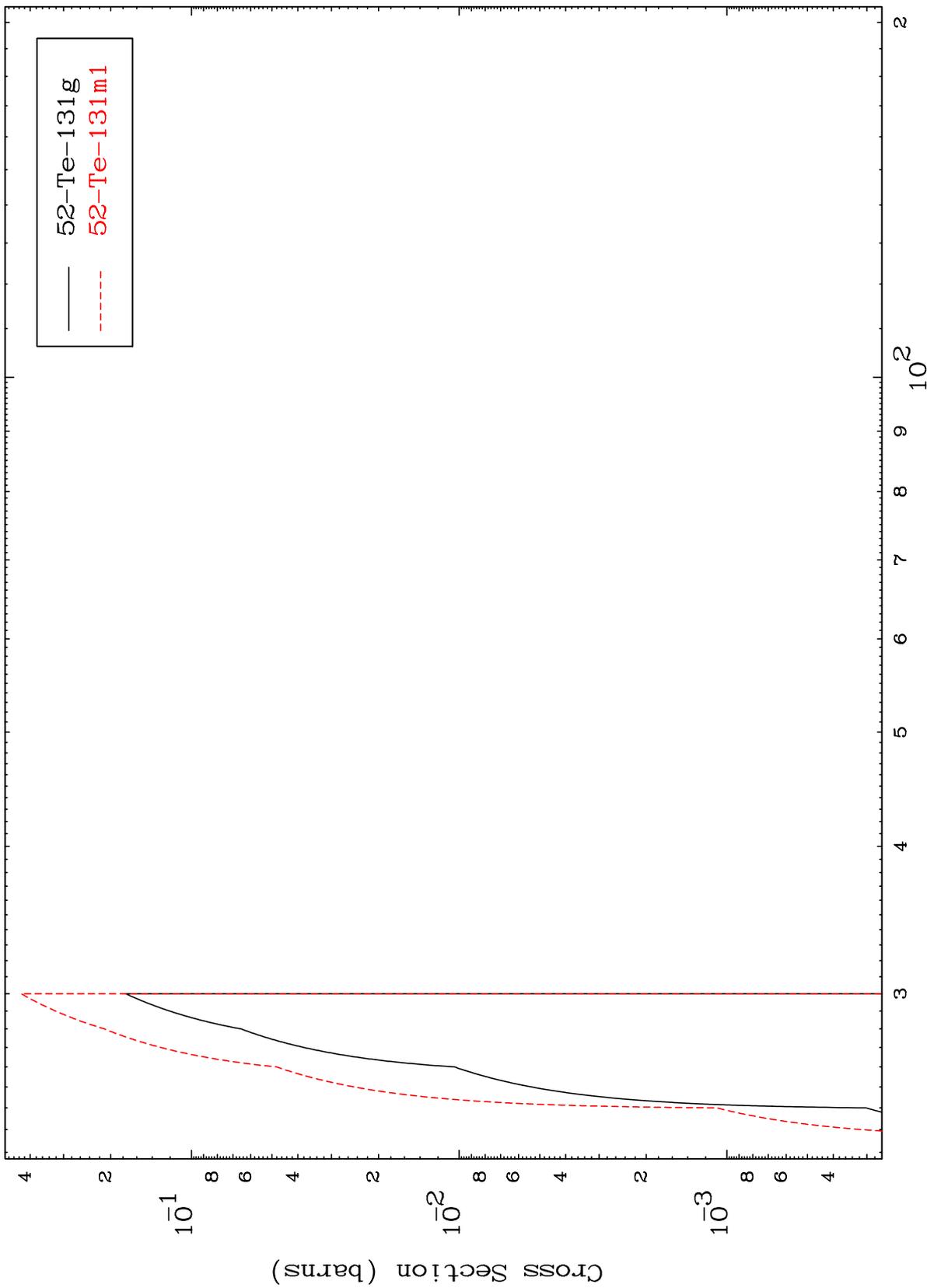
Incident Energy (MeV)

50-Sn-131m

MAT 5083

50-Sn-131m

(n,4n)
Radionuclide Production Cross Section



50-Sn-131m

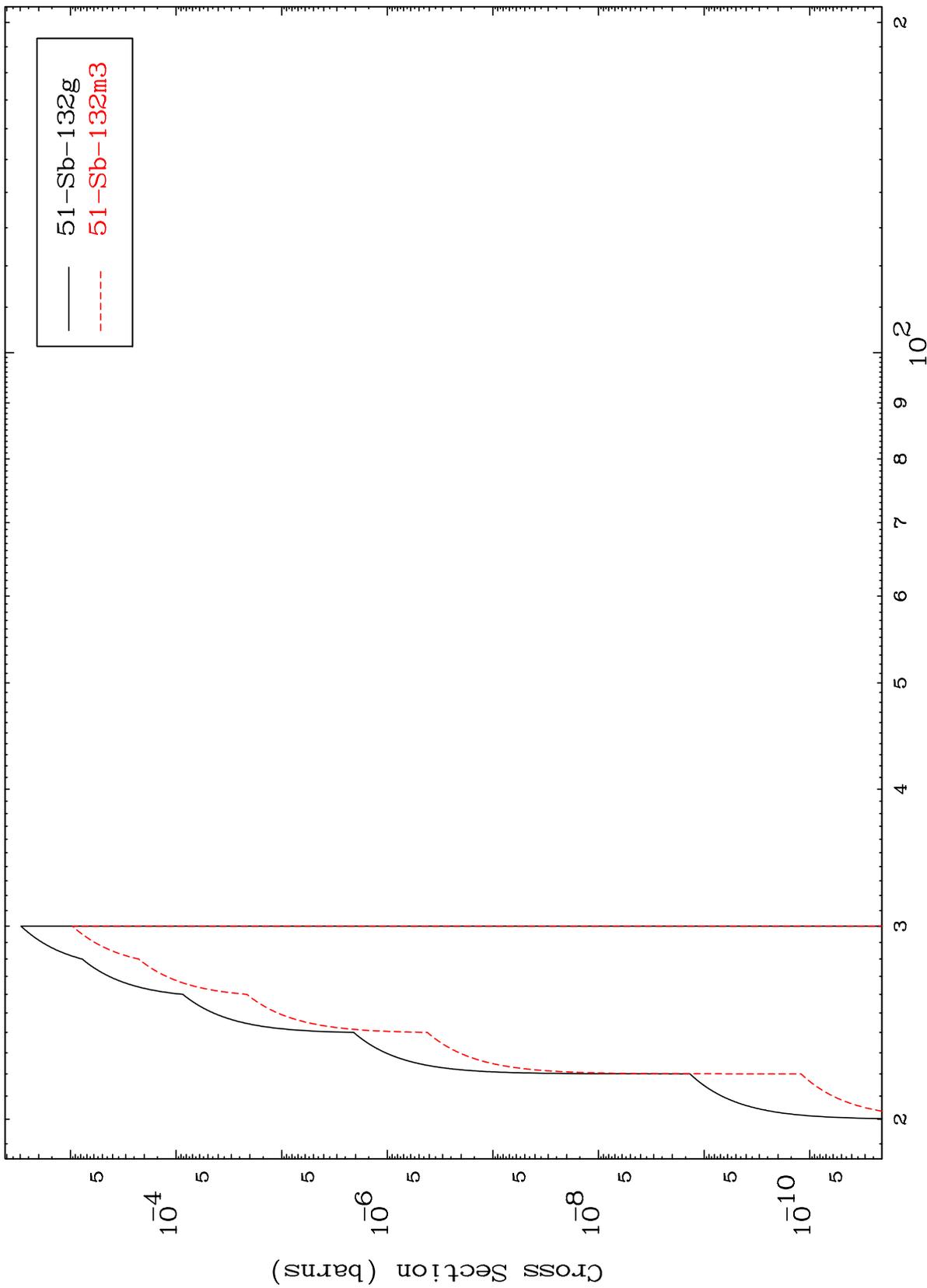
Incident Energy (MeV)

17

MAT 5083

50-Sn-131m

(n,2n) p
Radionuclide Production Cross Section



50-Sn-131m

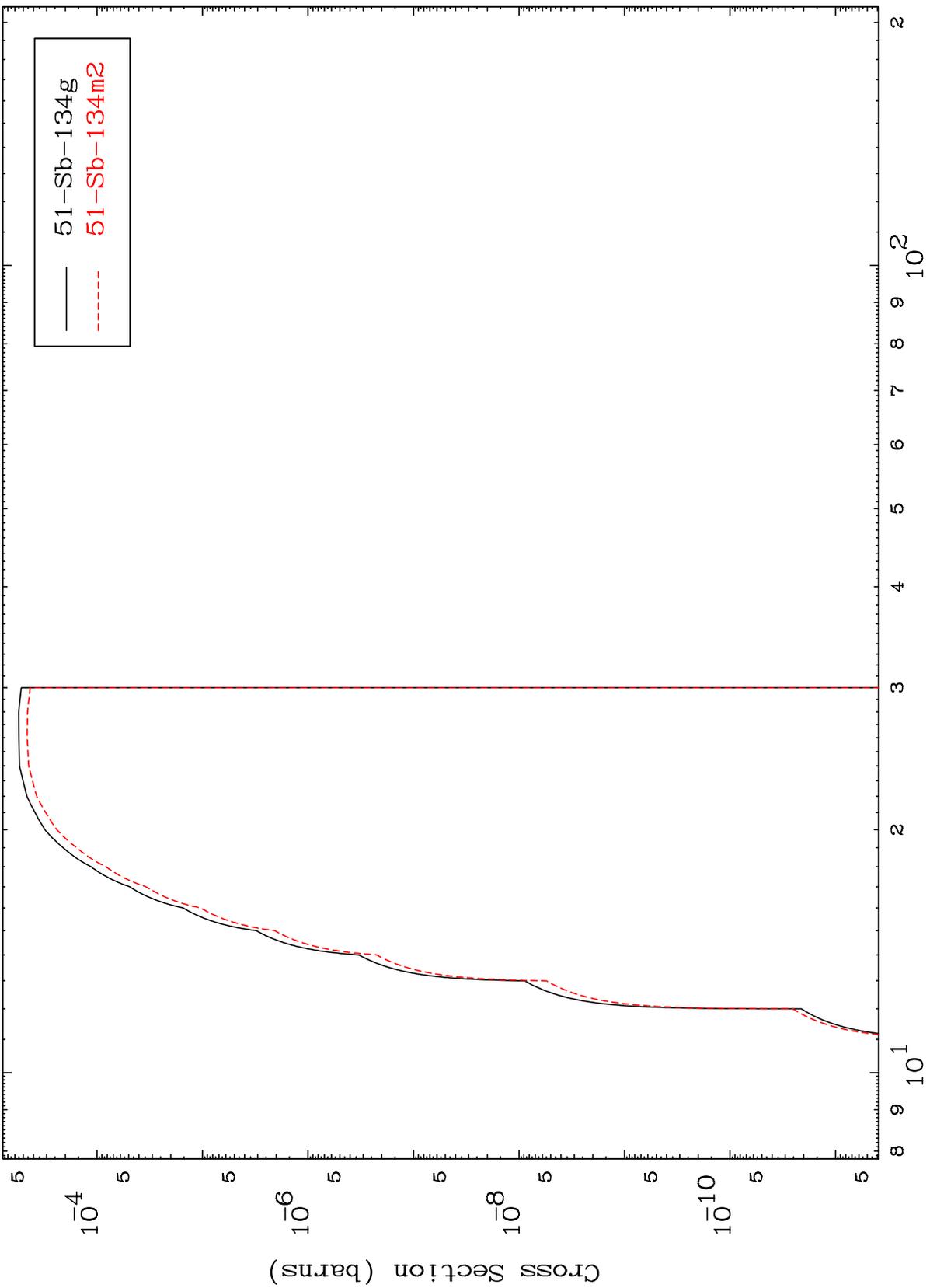
Incident Energy (MeV)

18

MAT 5083

50-Sn-131m

(n,p)
Radionuclide Production Cross Section



19

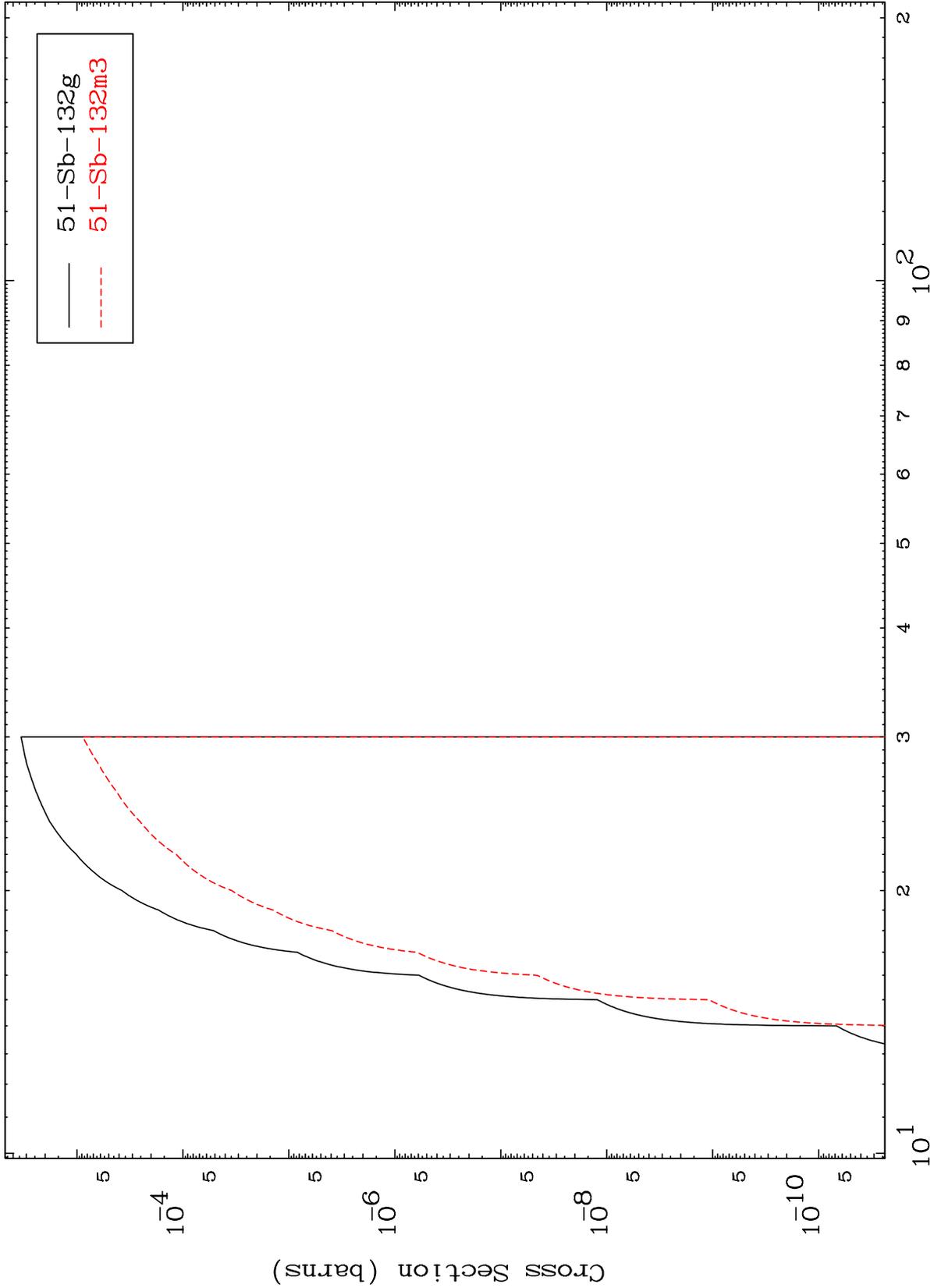
Incident Energy (MeV)

50-Sn-131m

MAT 5083

50-Sn-131m

(n,t)
Radionuclide Production Cross Section



50-Sn-131m

Incident Energy (MeV)

20

MAT 5083

