

Program EVALPLOT
(Version 2021-1)

by

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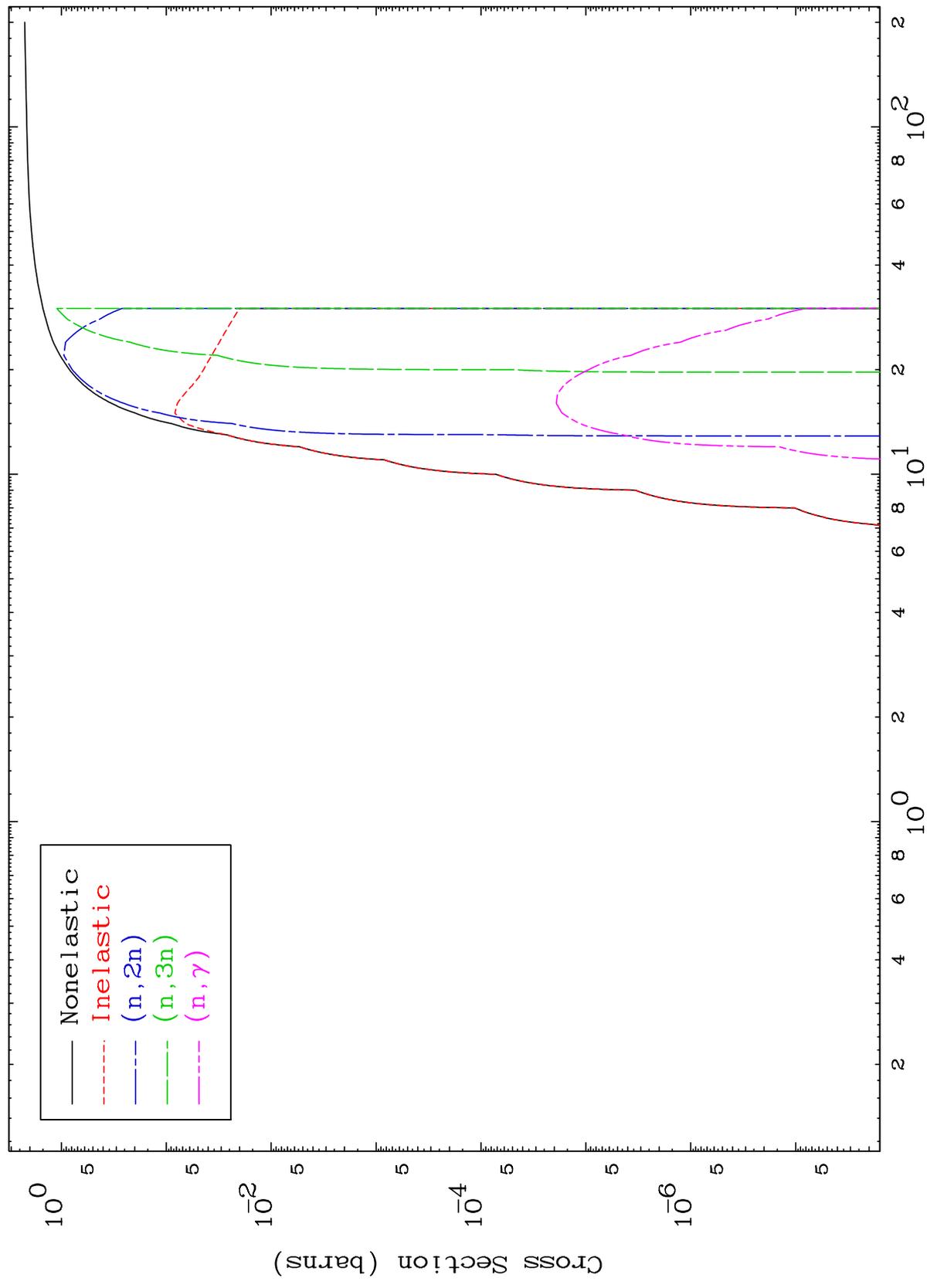
Press Mouse Button to Start

MAT 5059

0 Kelvin

α Major Cross Sections

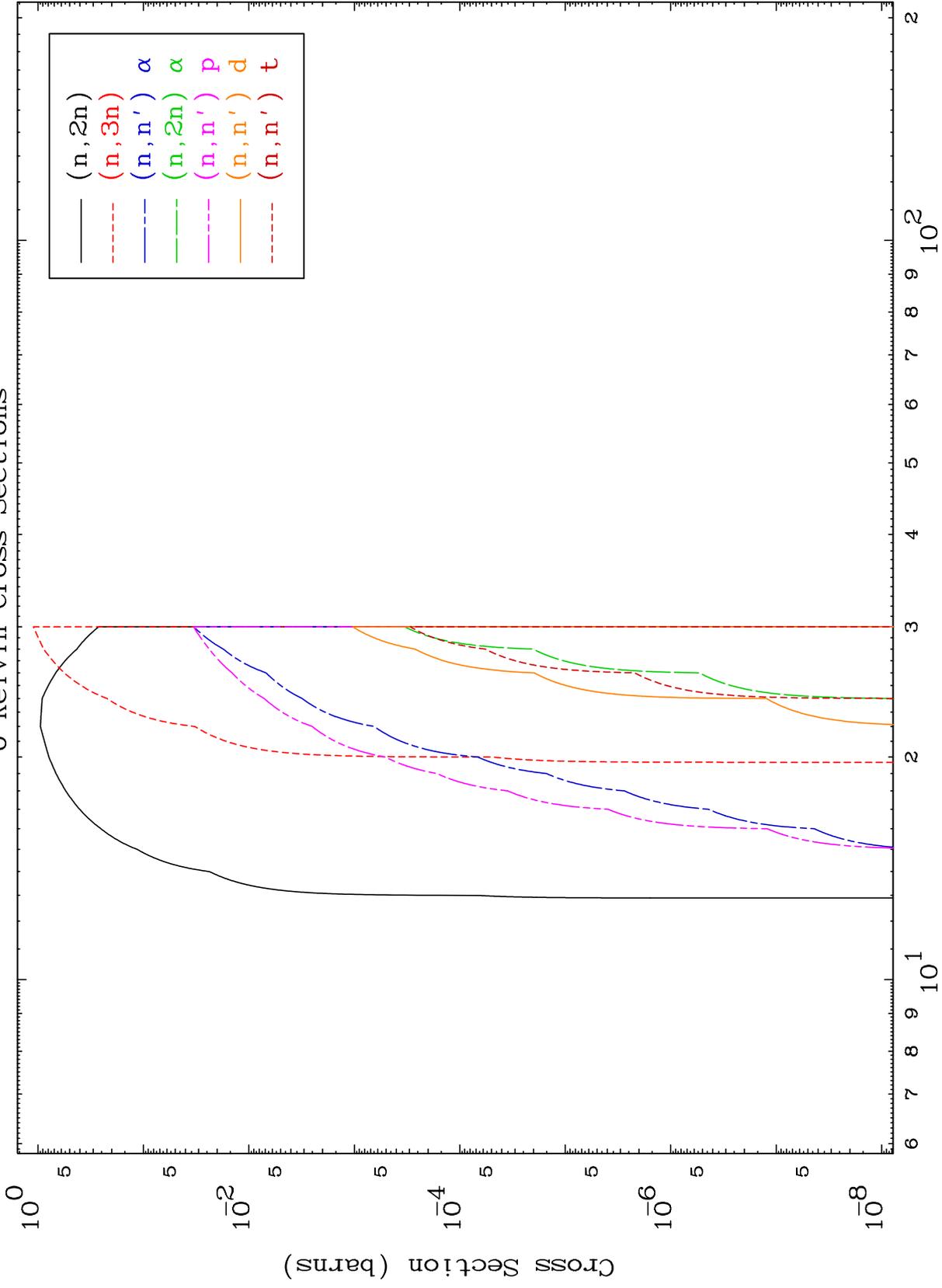
50-Sn-123m



MAT 5059

α Neutron Absorption
0 Kelvin Cross Sections

50-Sn-123m



2

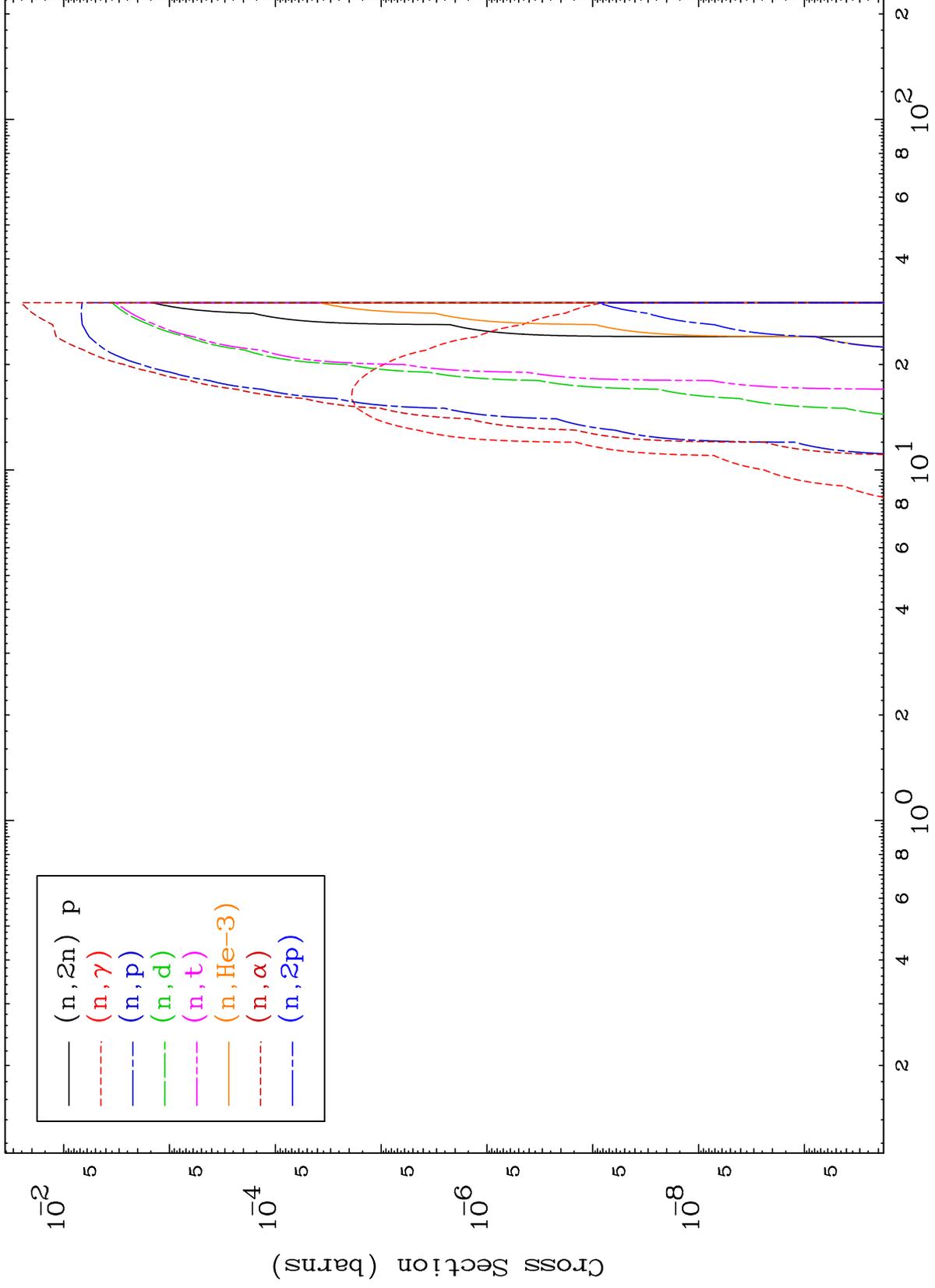
Incident Energy (MeV)

50-Sn-123m

MAT 5059

α Neutron Absorption
0 Kelvin Cross Sections

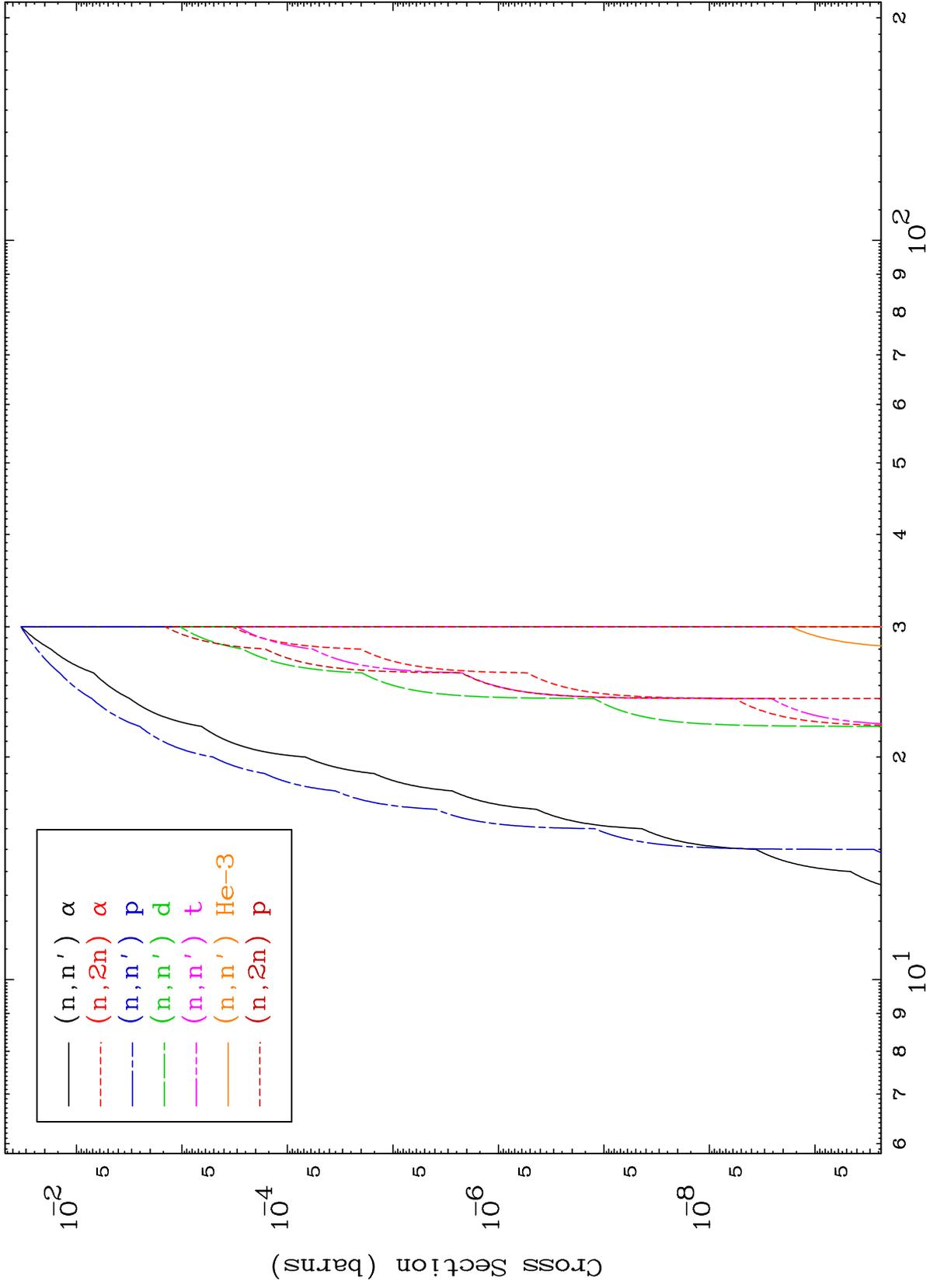
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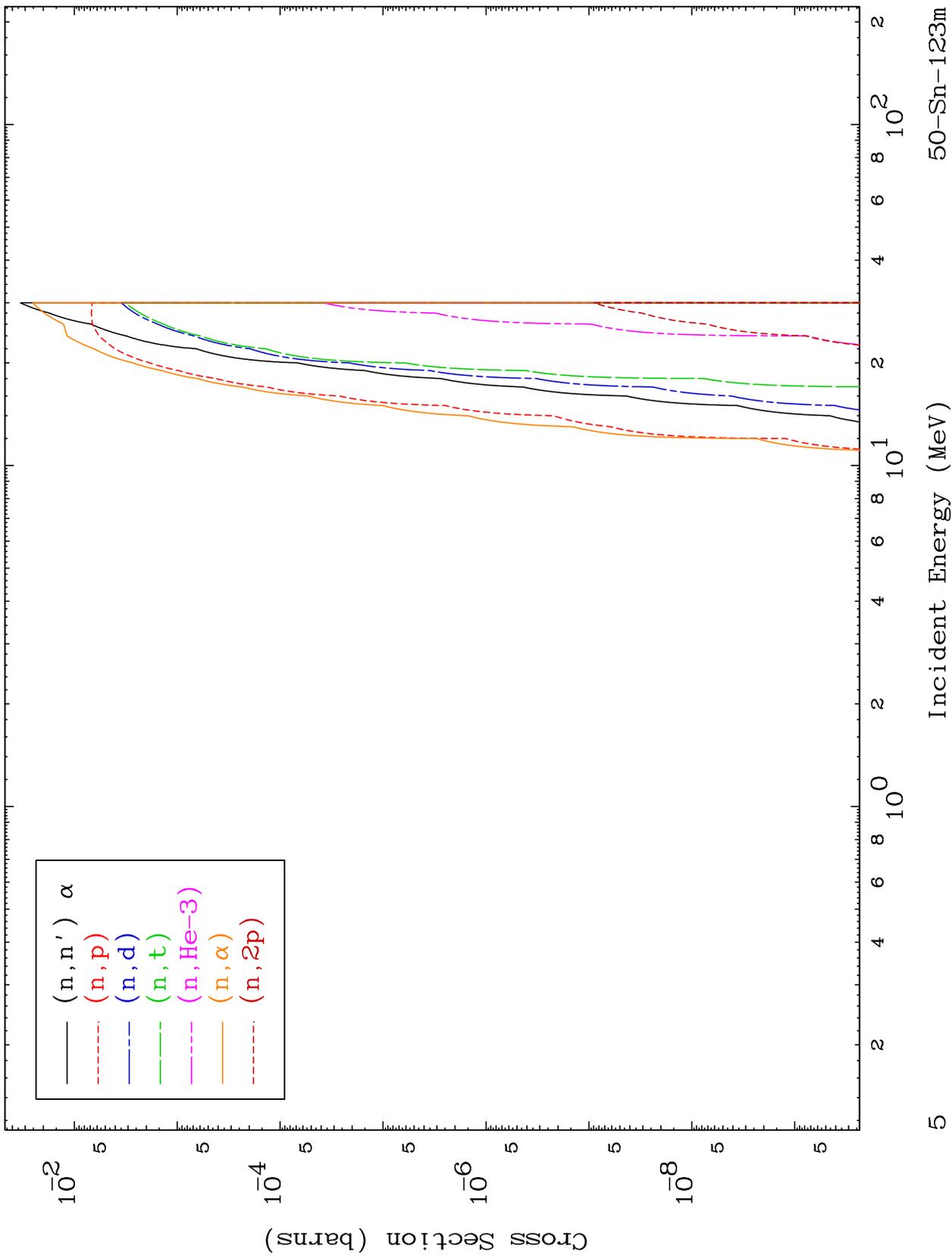


MAT 5059

α Charged Particle
0 Kelvin Cross Sections

50-Sn-123m

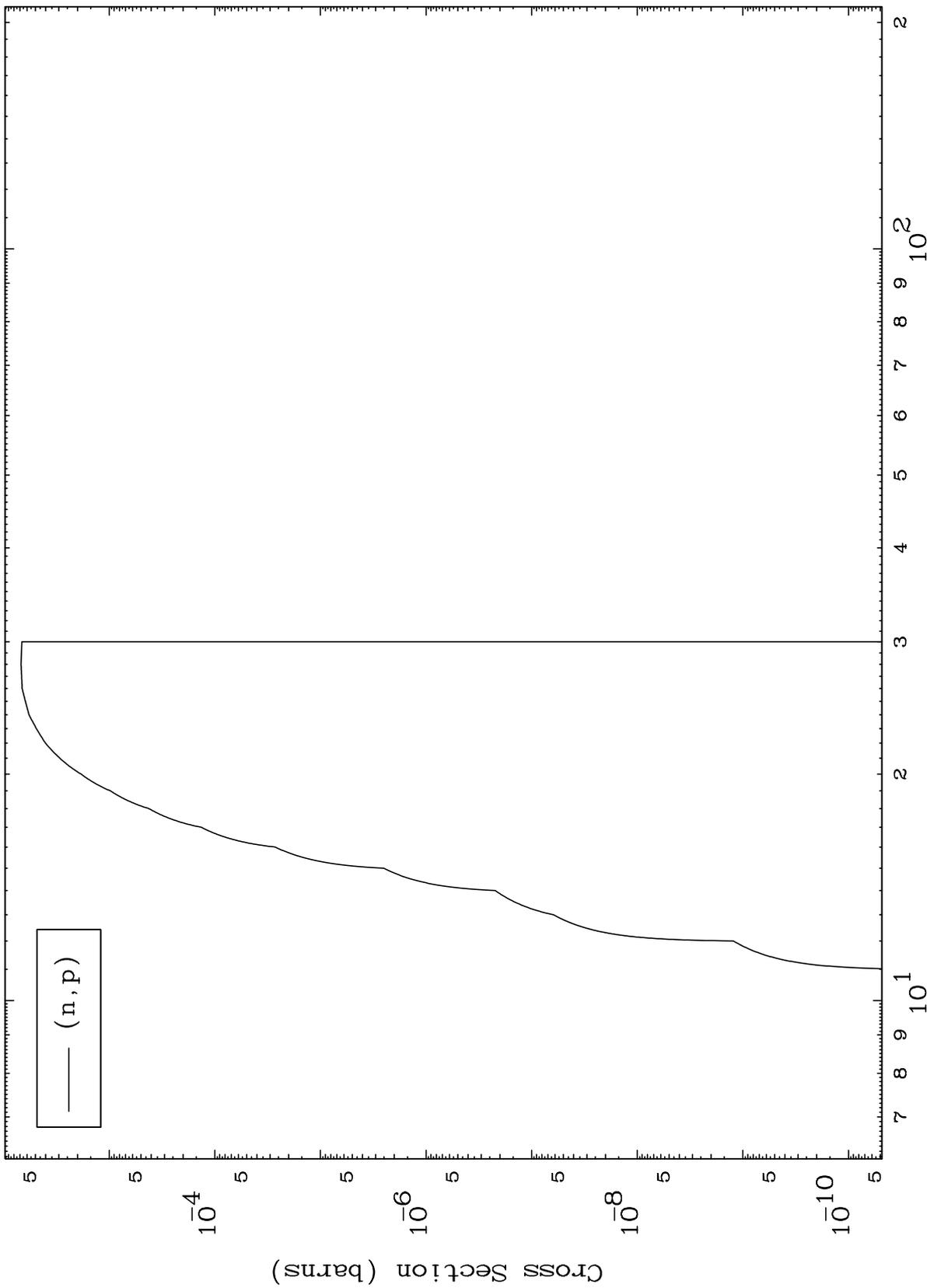




MAT 5059

50-Sn-123m

(α, p) Levels
0 Kelvin Cross Sections



(n, p)

50-Sn-123m

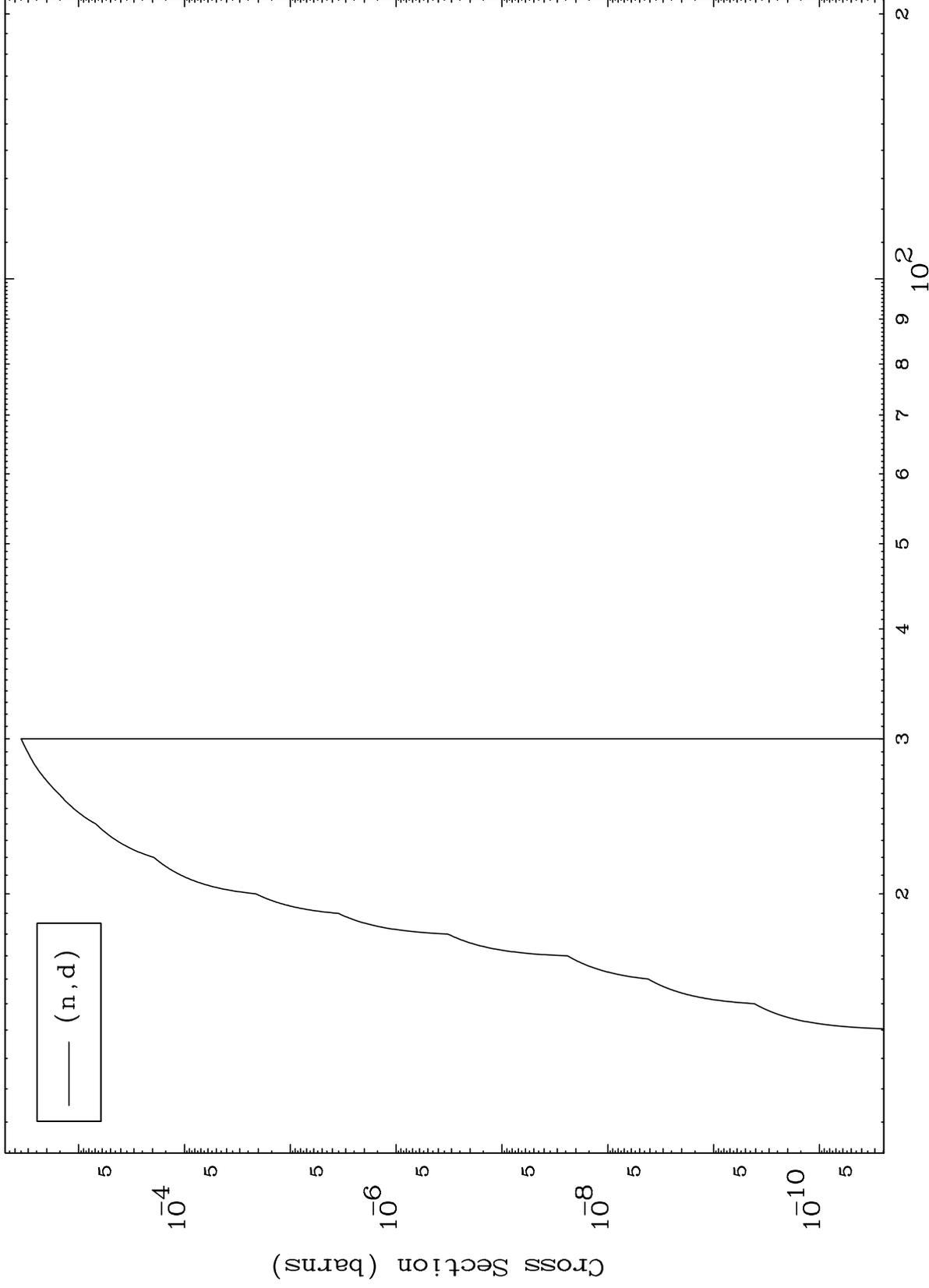
Incident Energy (MeV)

6

MAT 5059

(α, d) Levels
0 Kelvin Cross Sections

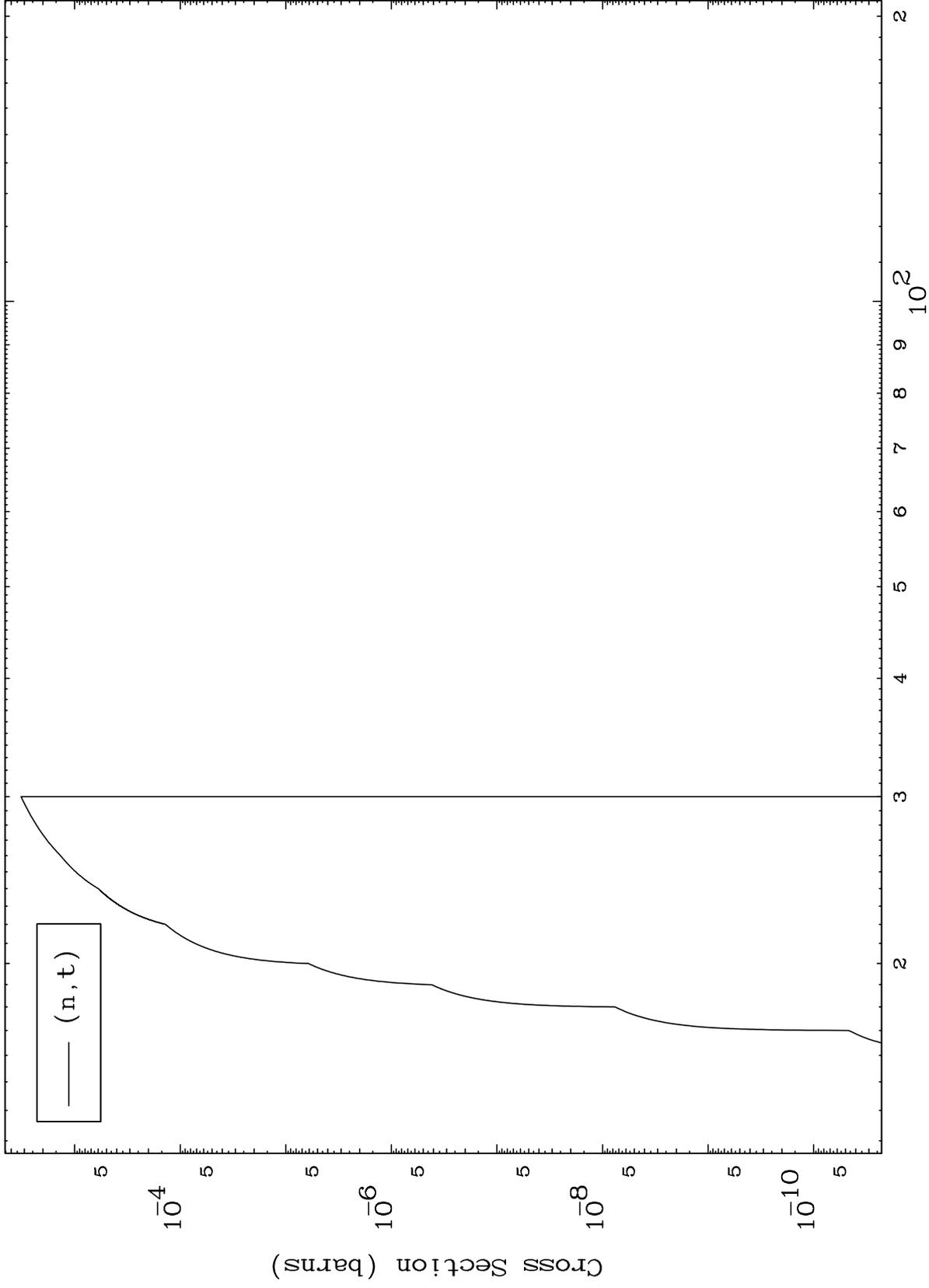
50-Sn-123m



MAT 5059

(α, t) Levels
0 Kelvin Cross Sections

50-Sn-123m



8

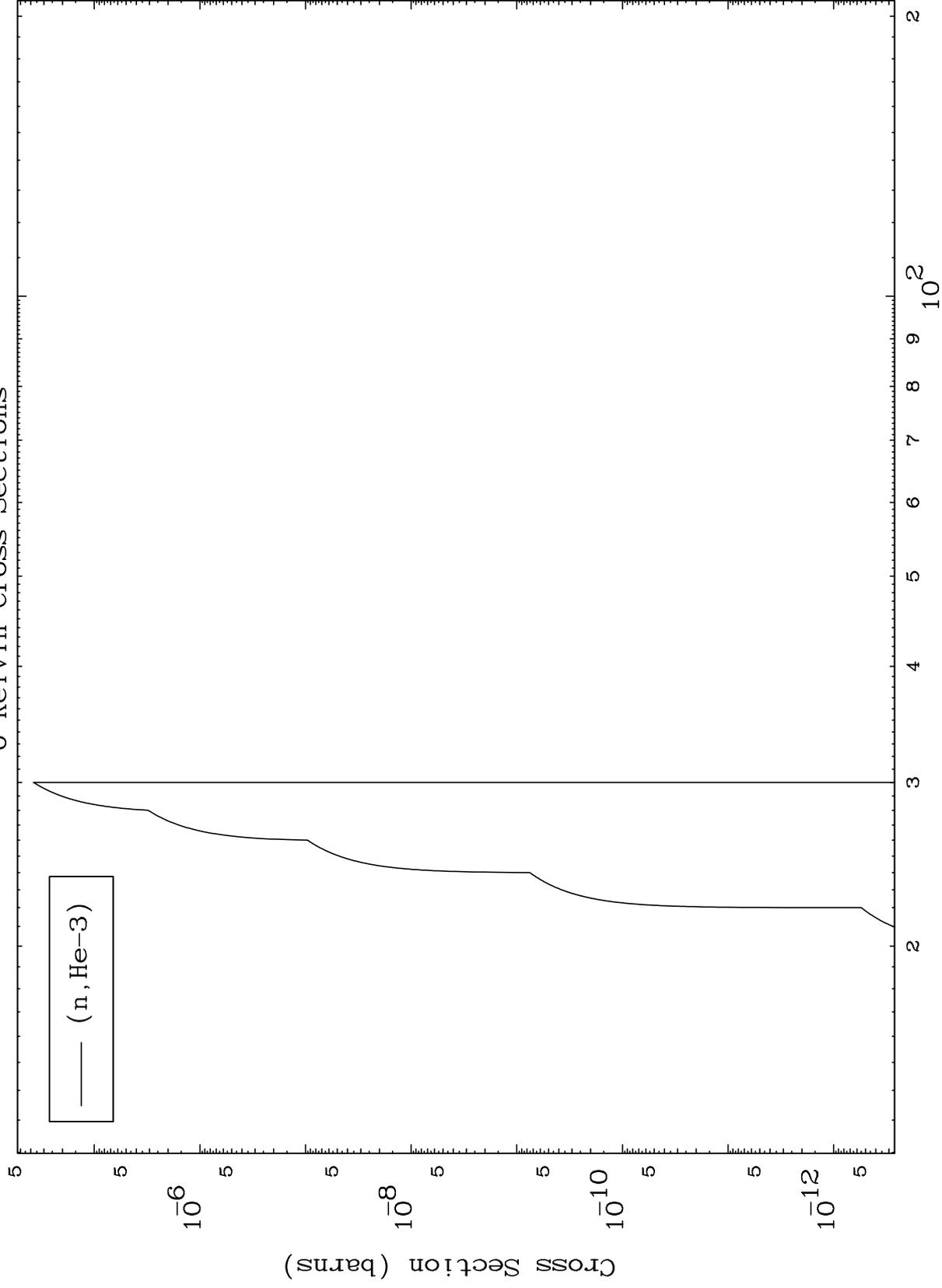
Incident Energy (MeV)

50-Sn-123m

MAT 5059

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

50-Sn-123m

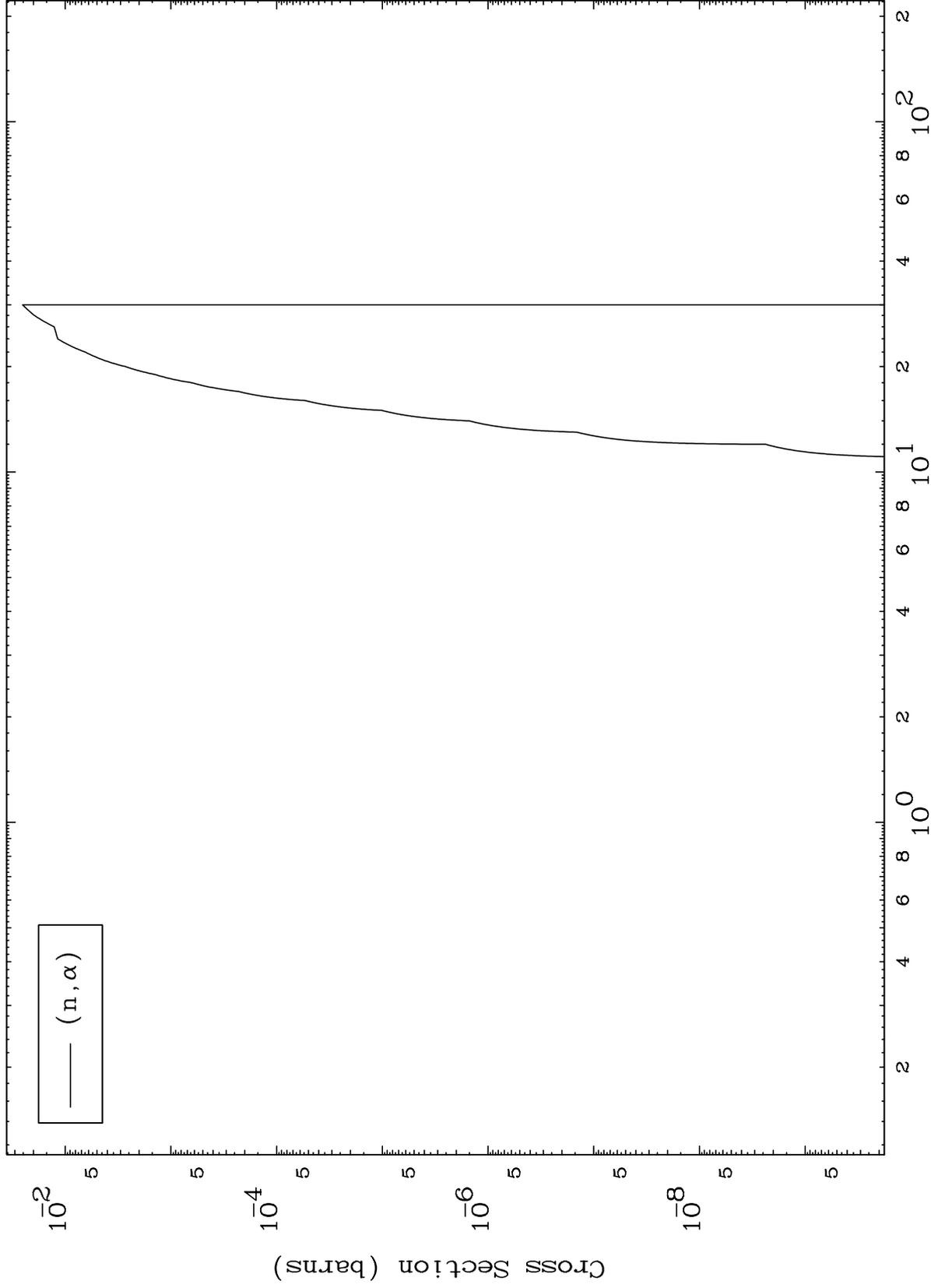


MAT 5059

(α, α) Levels

50-Sn-123m

0 Kelvin Cross Sections



10

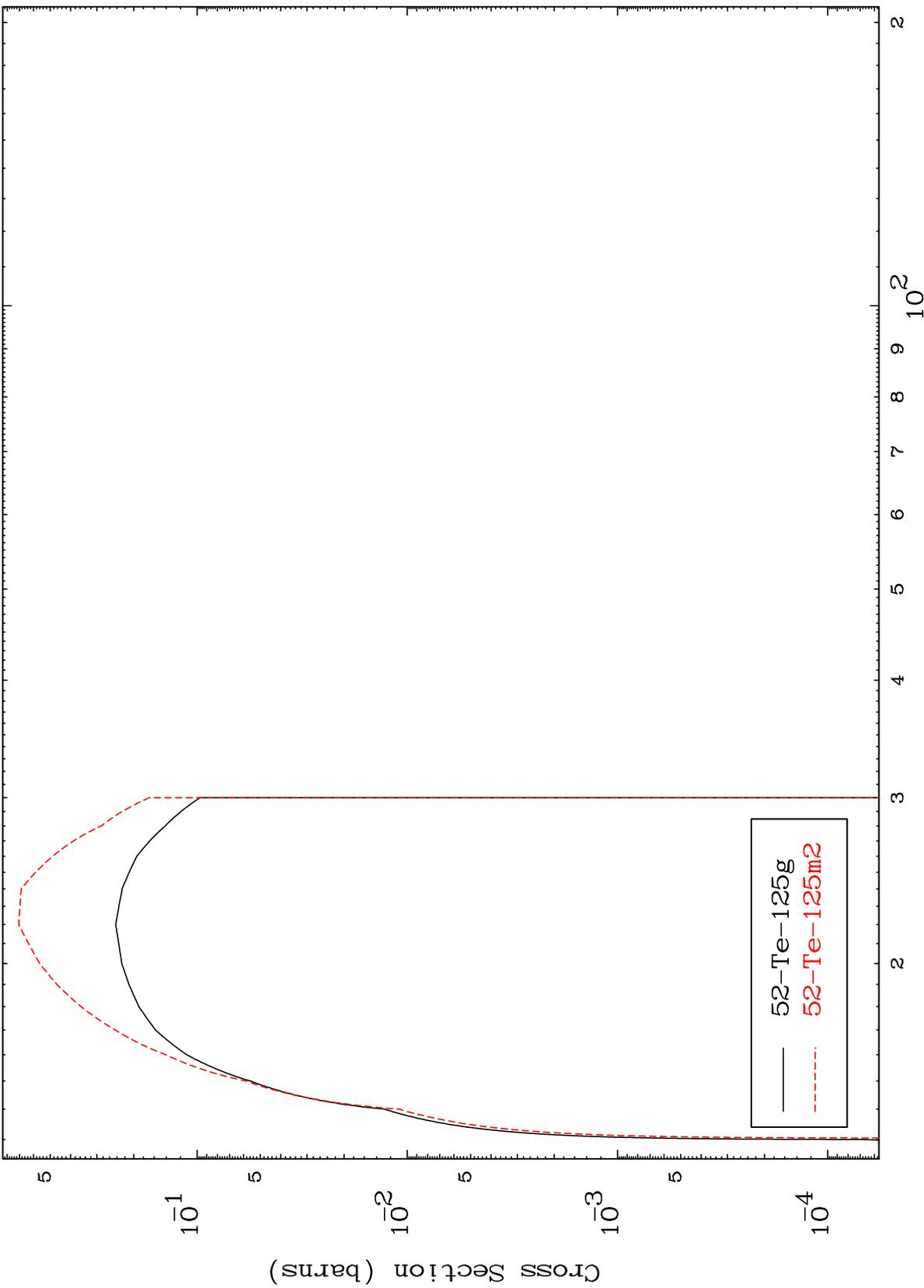
Incident Energy (MeV)

50-Sn-123m

MAT 5059

50-Sn-123m

Radionuclide Production Cross Section
(n,2n)



50-Sn-123m

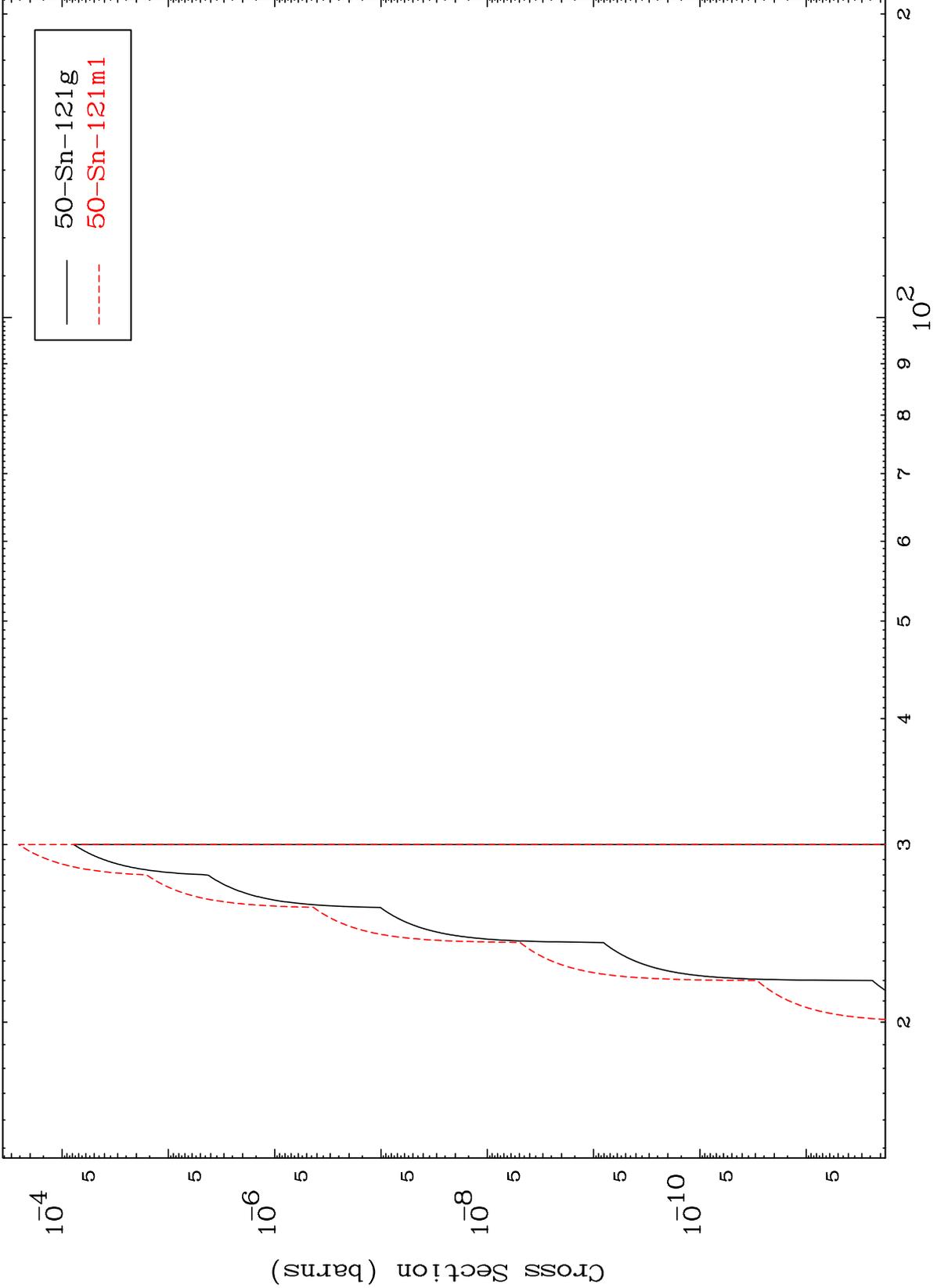
Incident Energy (MeV)

MAT 5059

(n,2n) α

50-Sn-123m

Radionuclide Production Cross Section



12

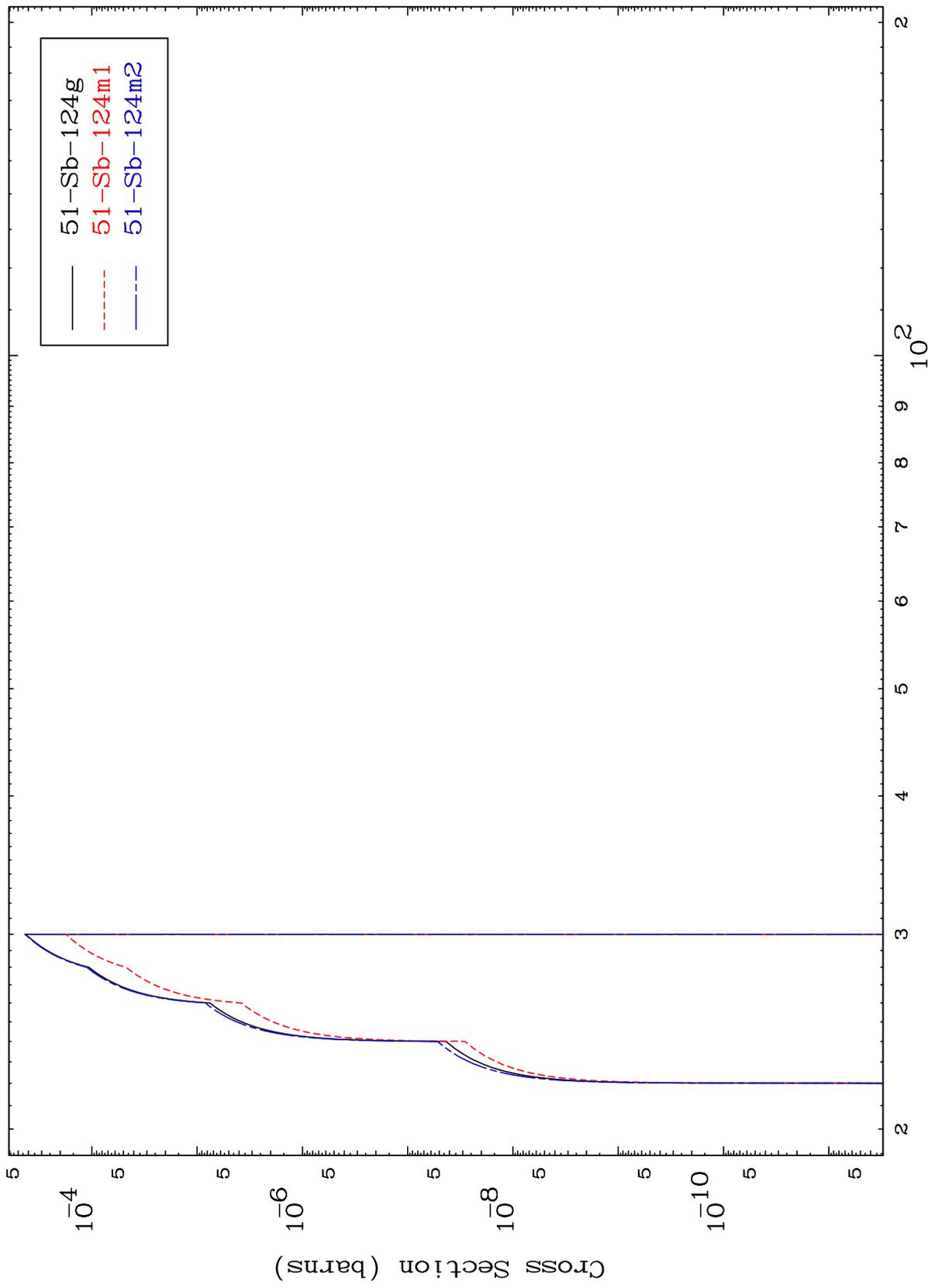
Incident Energy (MeV)

50-Sn-123m

MAT 5059

50-Sn-123m

$(n, n') d$
Radionuclide Production Cross Section



50-Sn-123m

Incident Energy (MeV)

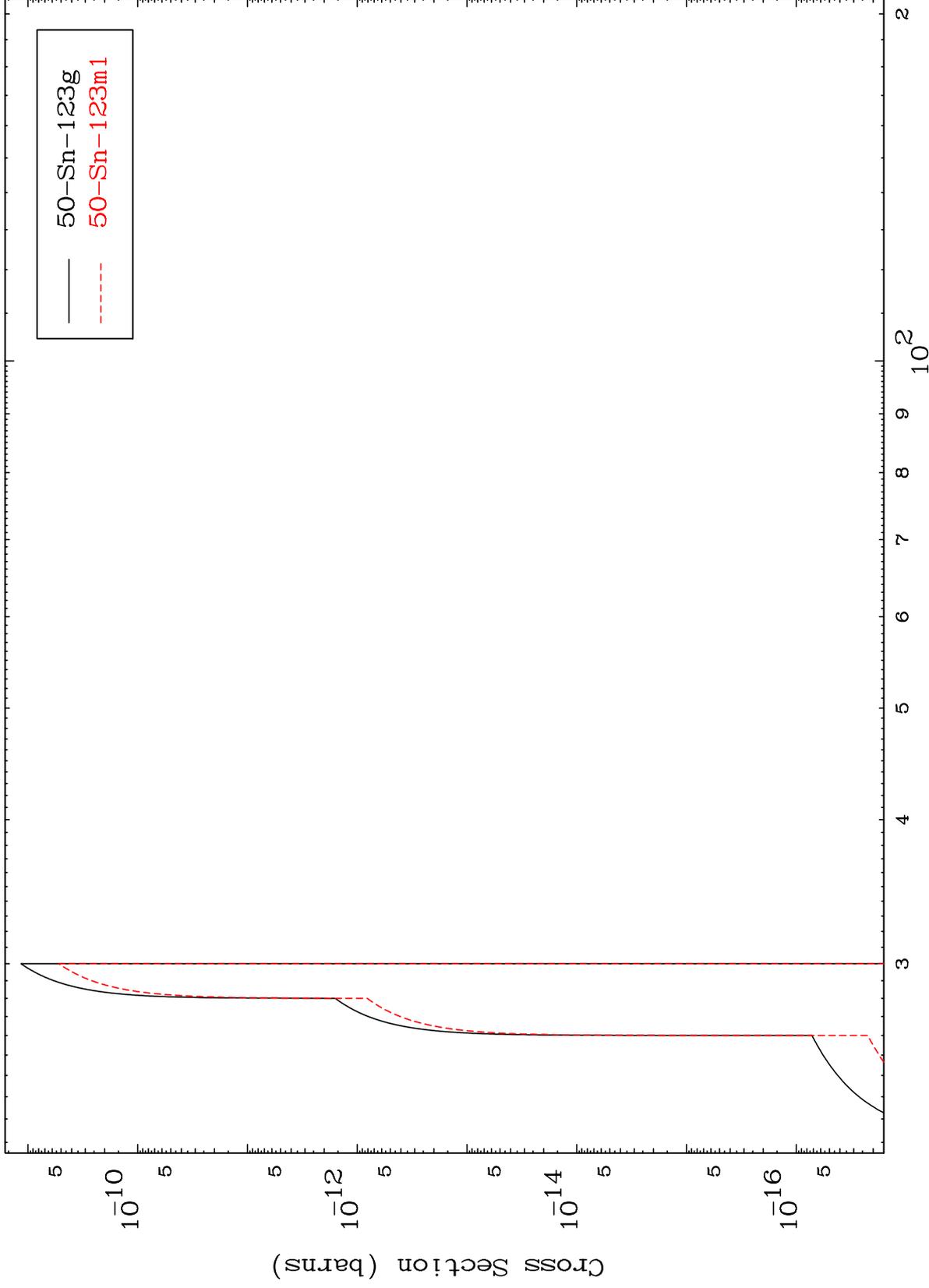
13

MAT 5059

(n,n') He-3

50-Sn-123m

Radionuclide Production Cross Section



14

Incident Energy (MeV)

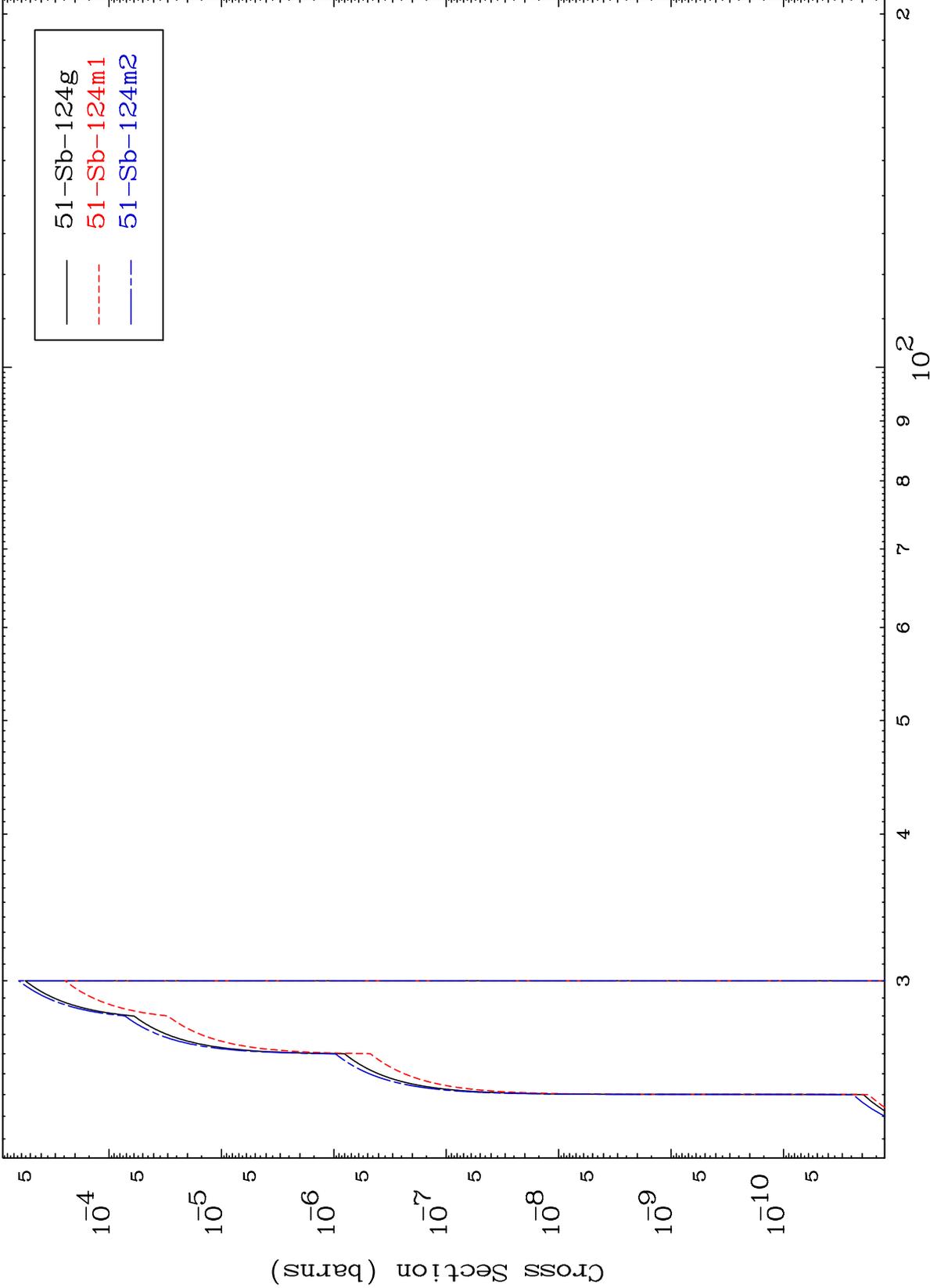
50-Sn-123m

MAT 5059

(n,2n) p

50-Sn-123m

Radionuclide Production Cross Section



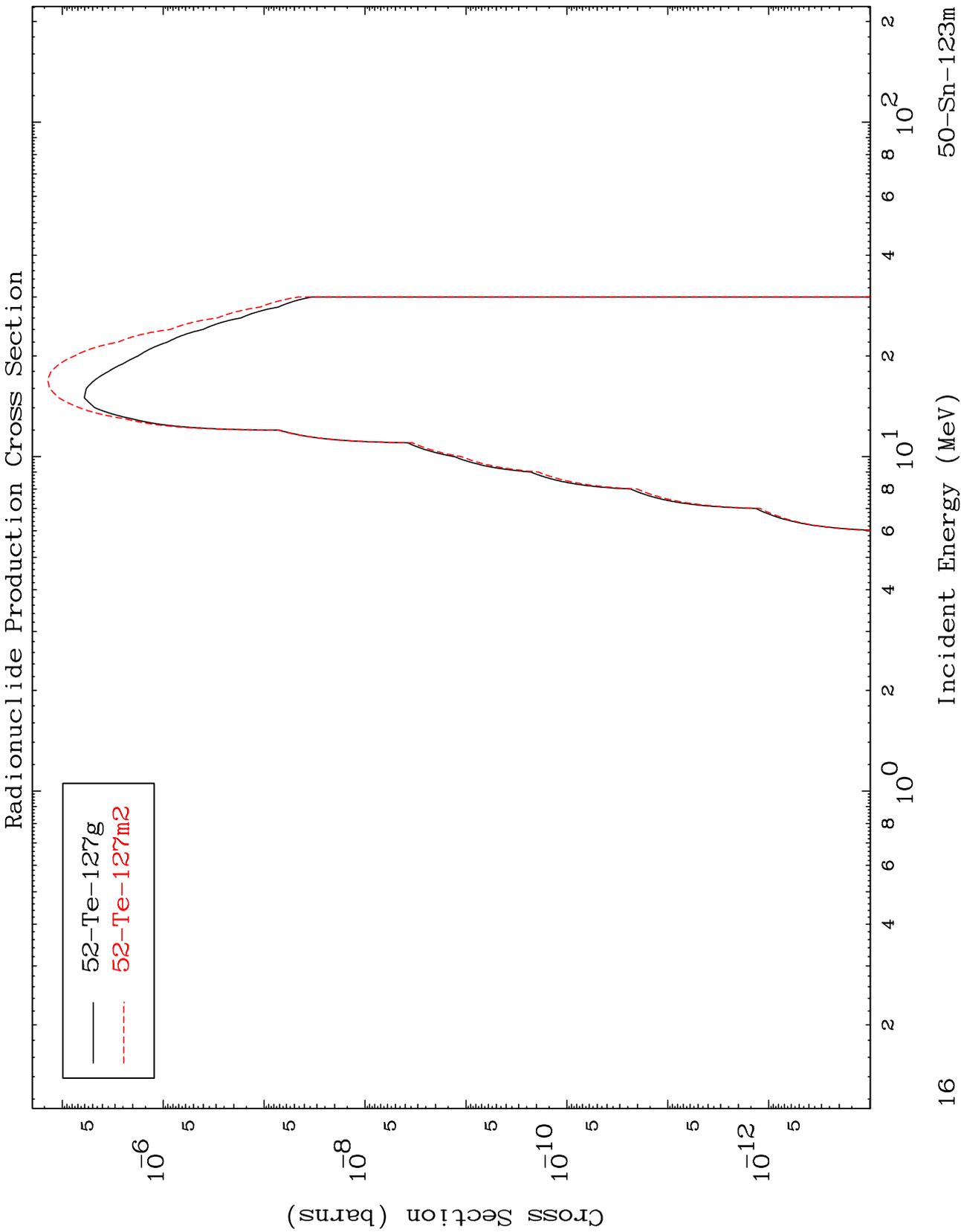
15

Incident Energy (MeV)

50-Sn-123m

MAT 5059

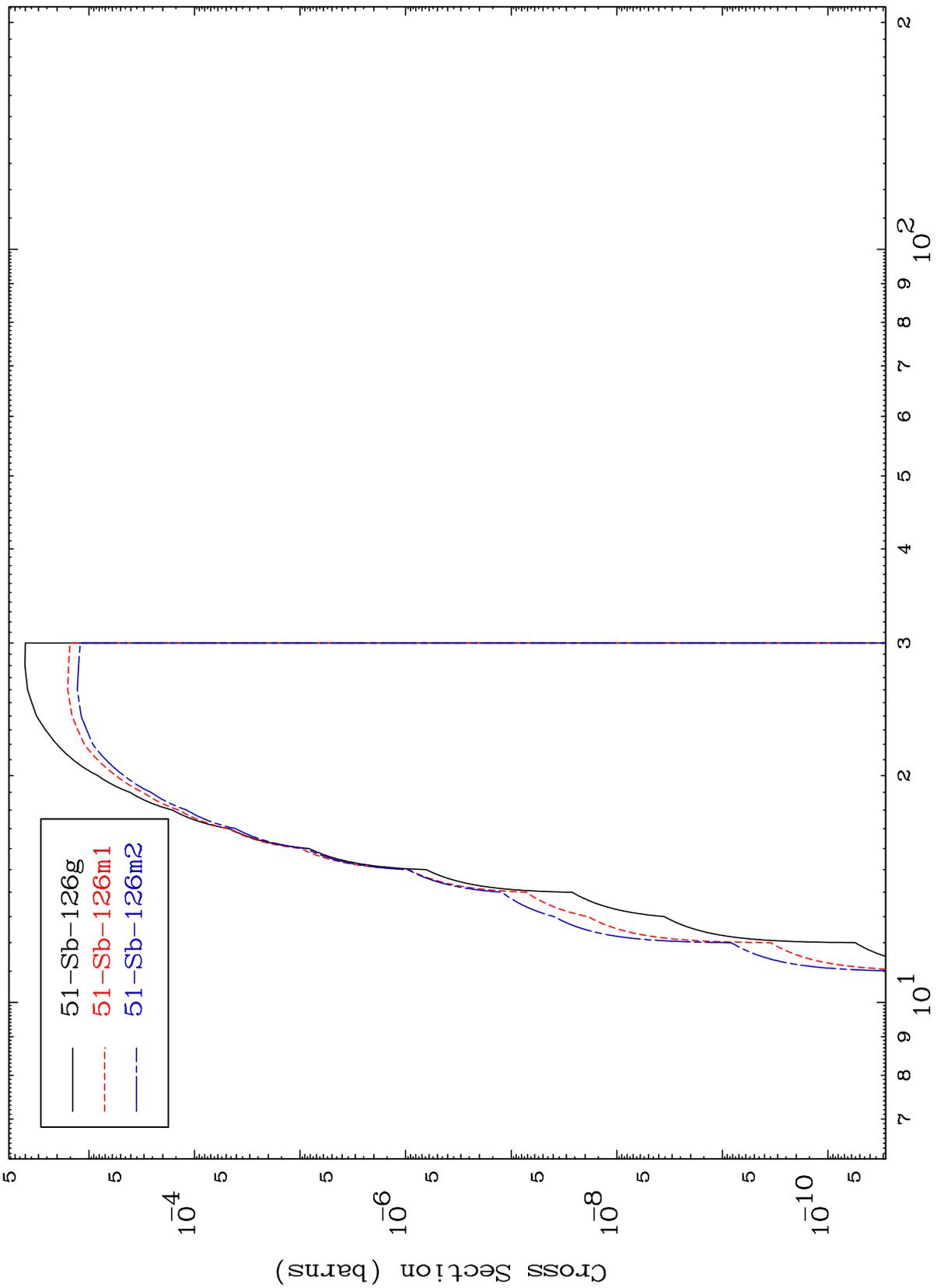
50-Sn-123m



MAT 5059

50-Sn-123m

(n,p)
Radionuclide Production Cross Section



17

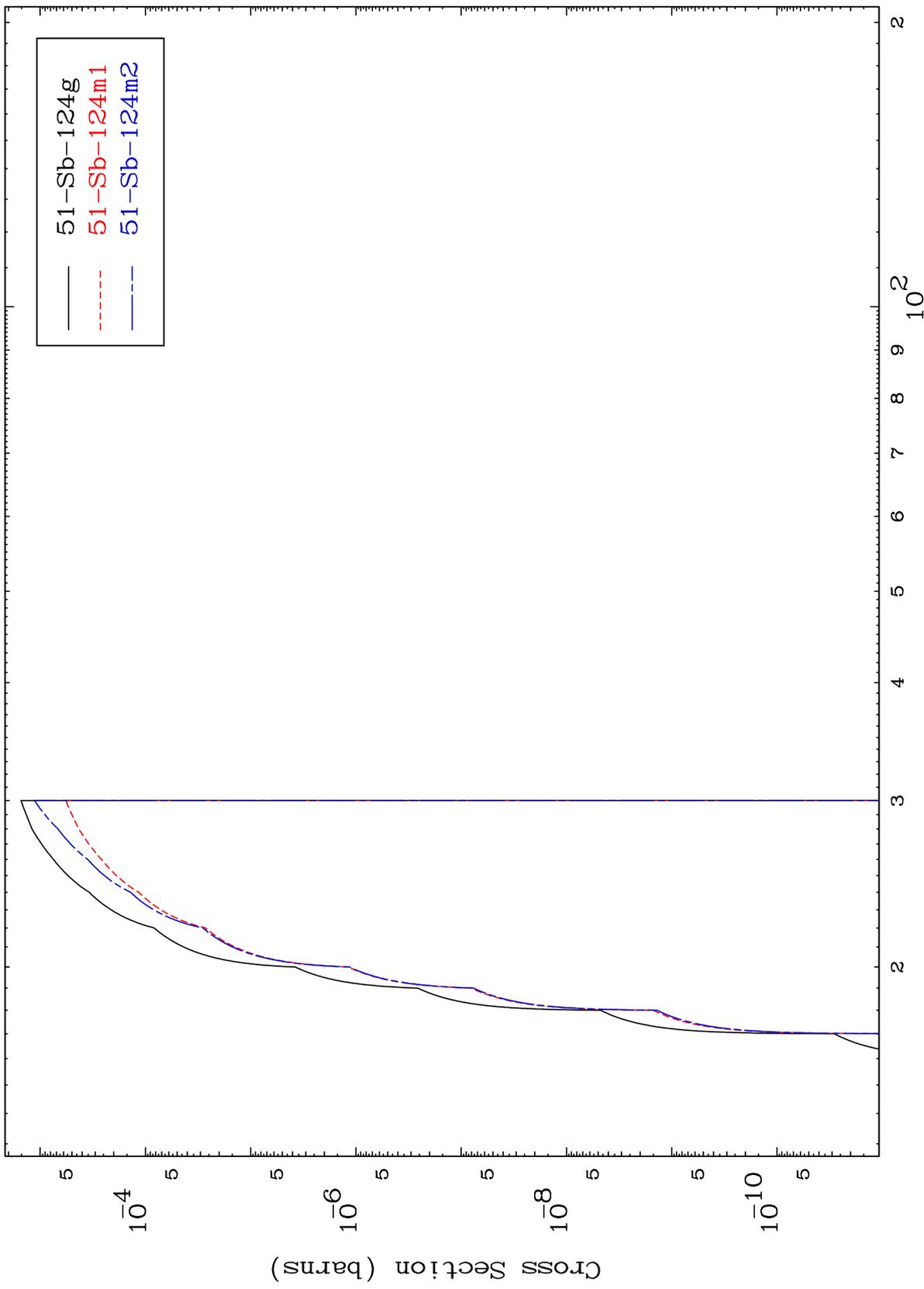
Incident Energy (MeV)

50-Sn-123m

MAT 5059

50-Sn-123m

(n,t)
Radionuclide Production Cross Section



18

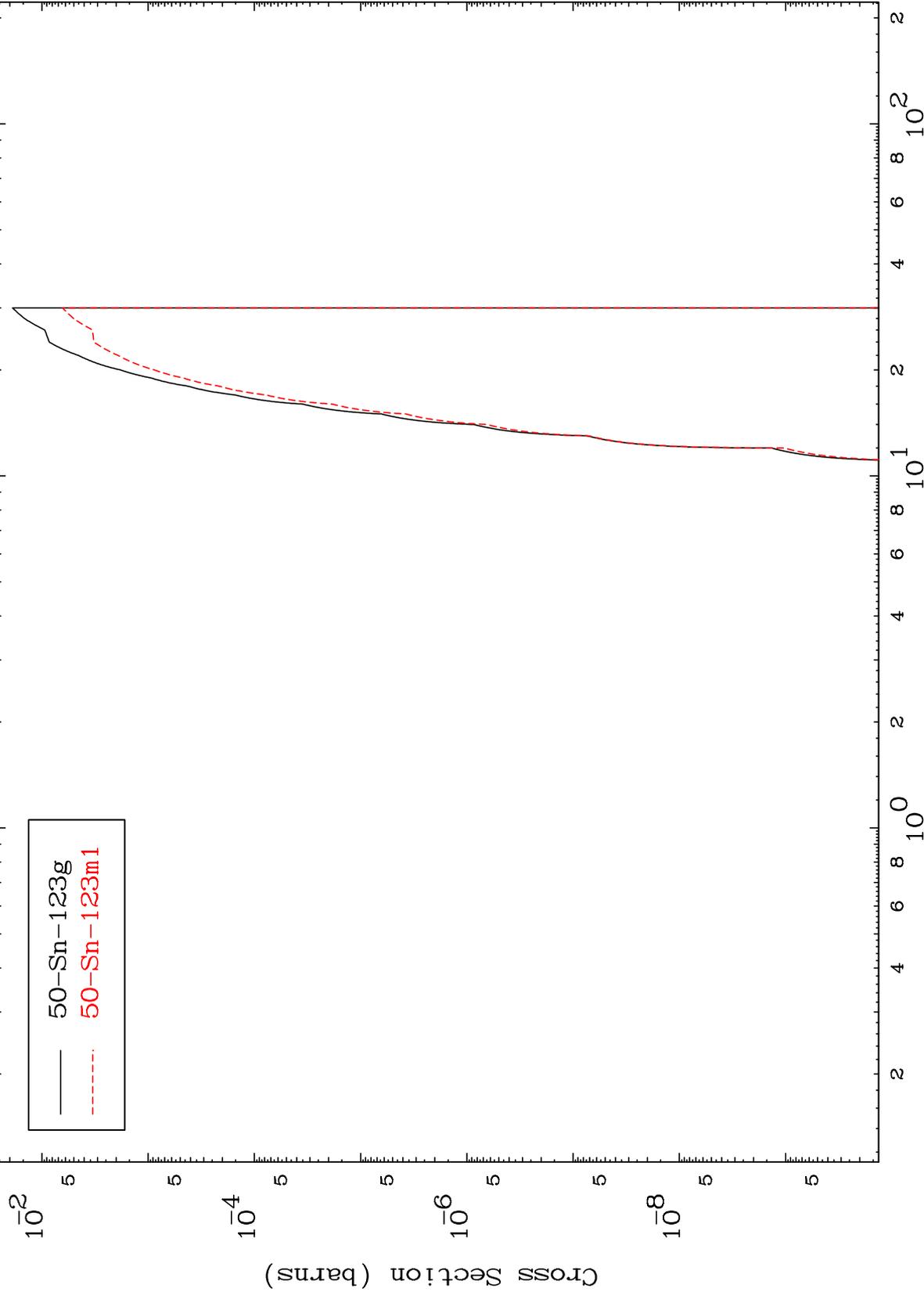
Incident Energy (MeV)

50-Sn-123m

MAT 5059

50-Sn-123m

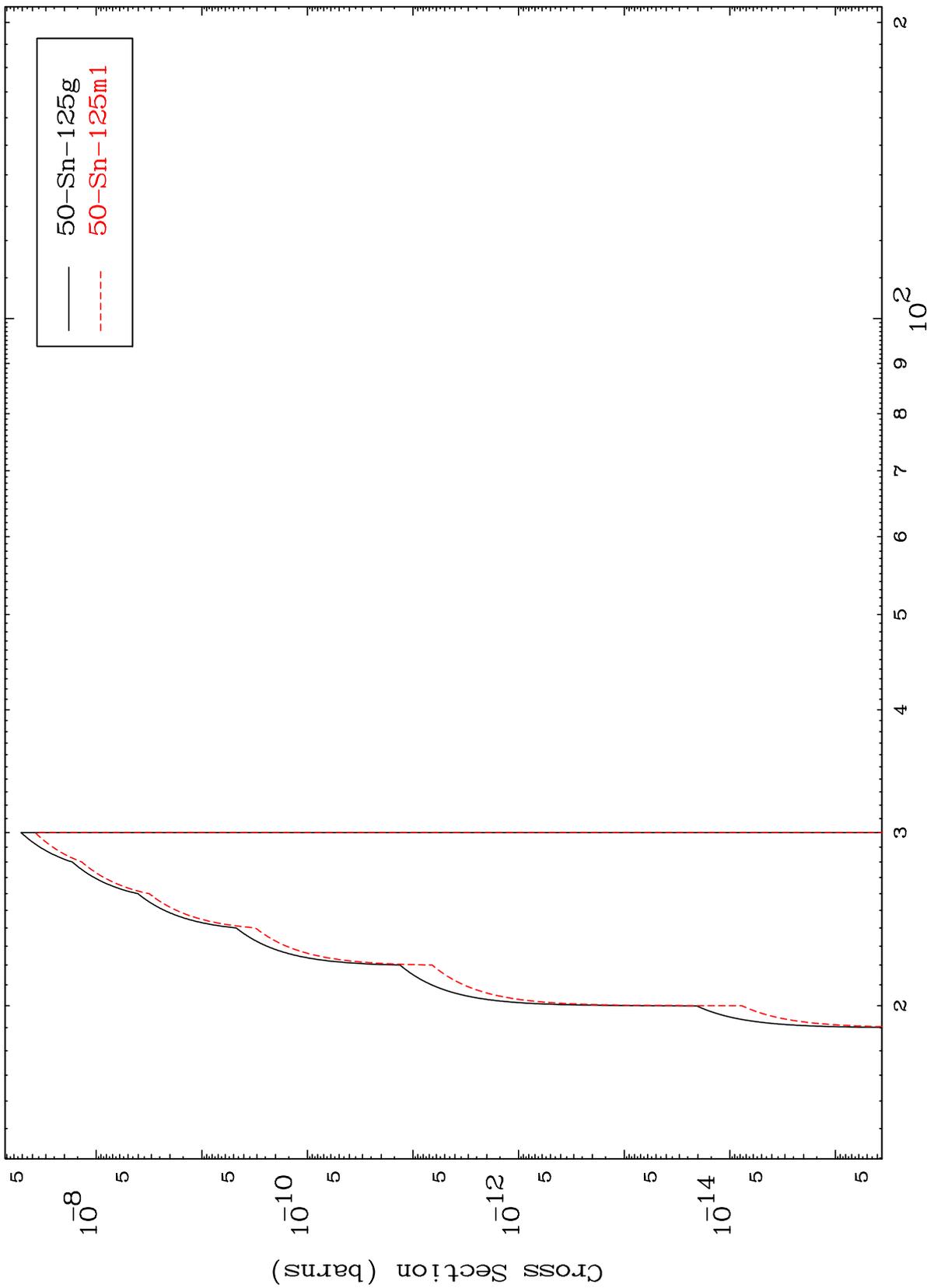
Radionuclide Production Cross Section



MAT 5059

50-Sn-123m

(n,2p)
Radionuclide Production Cross Section



20

50-Sn-123m

Incident Energy (MeV)