

Program EVALPLOT
(Version 2021-1)

by

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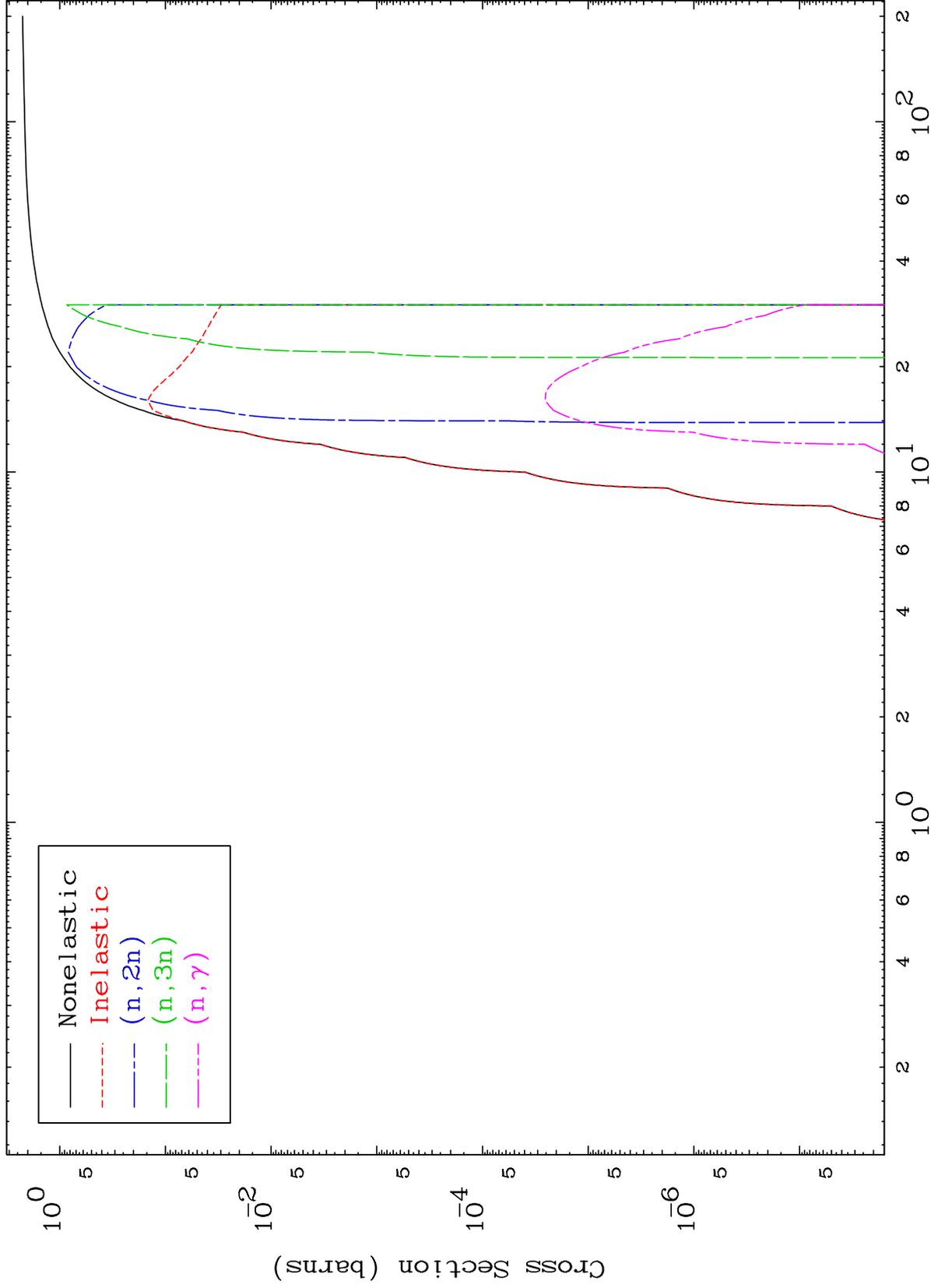
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Press Mouse Button to Start

MAT 5135

0 Kelvin α Major Cross Sections

51-Sb-124m



1

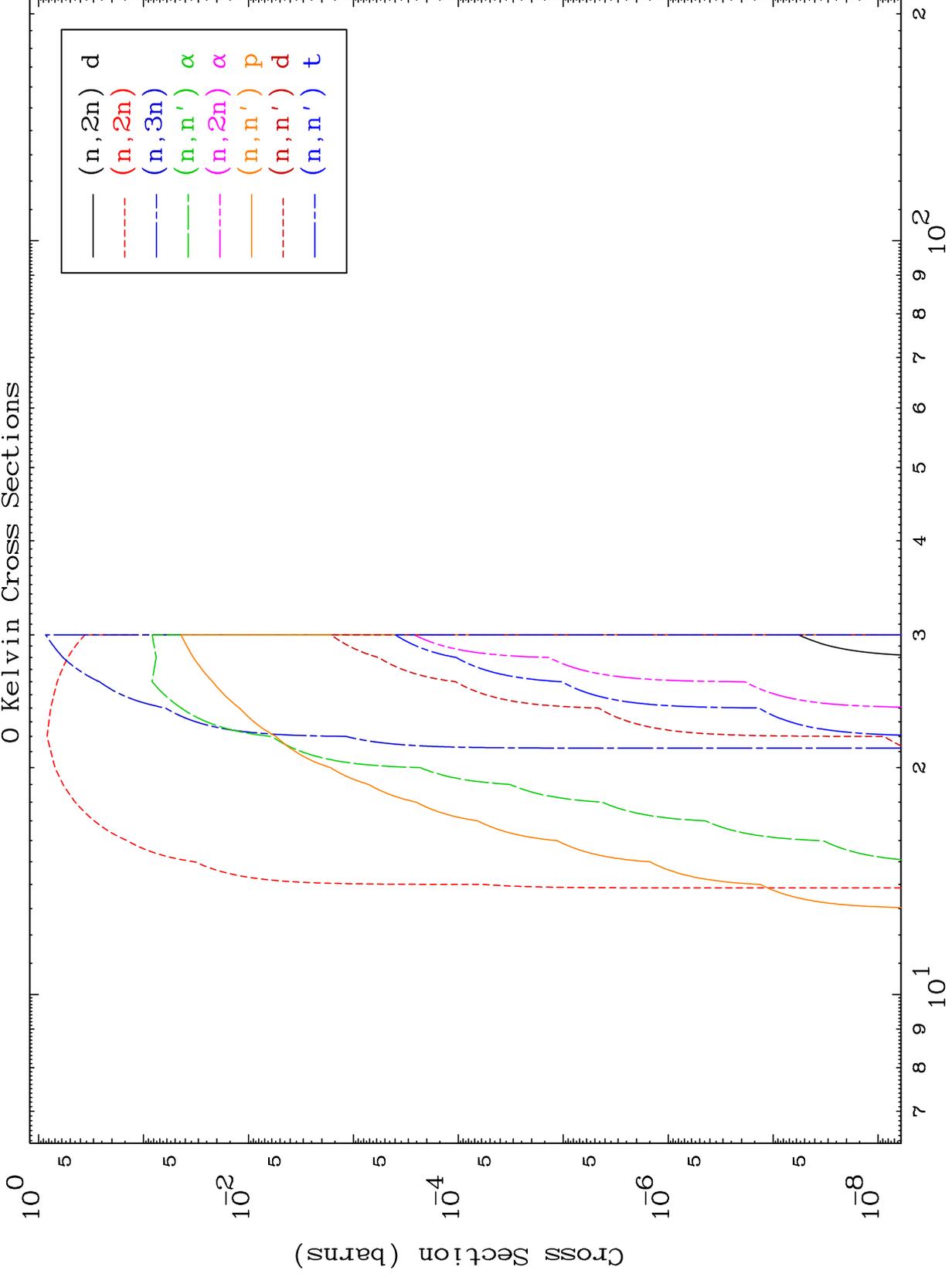
Incident Energy (MeV)

51-Sb-124m

MAT 5135

α Neutron Absorption
0 Kelvin Cross Sections

51-Sb-124m



51-Sb-124m

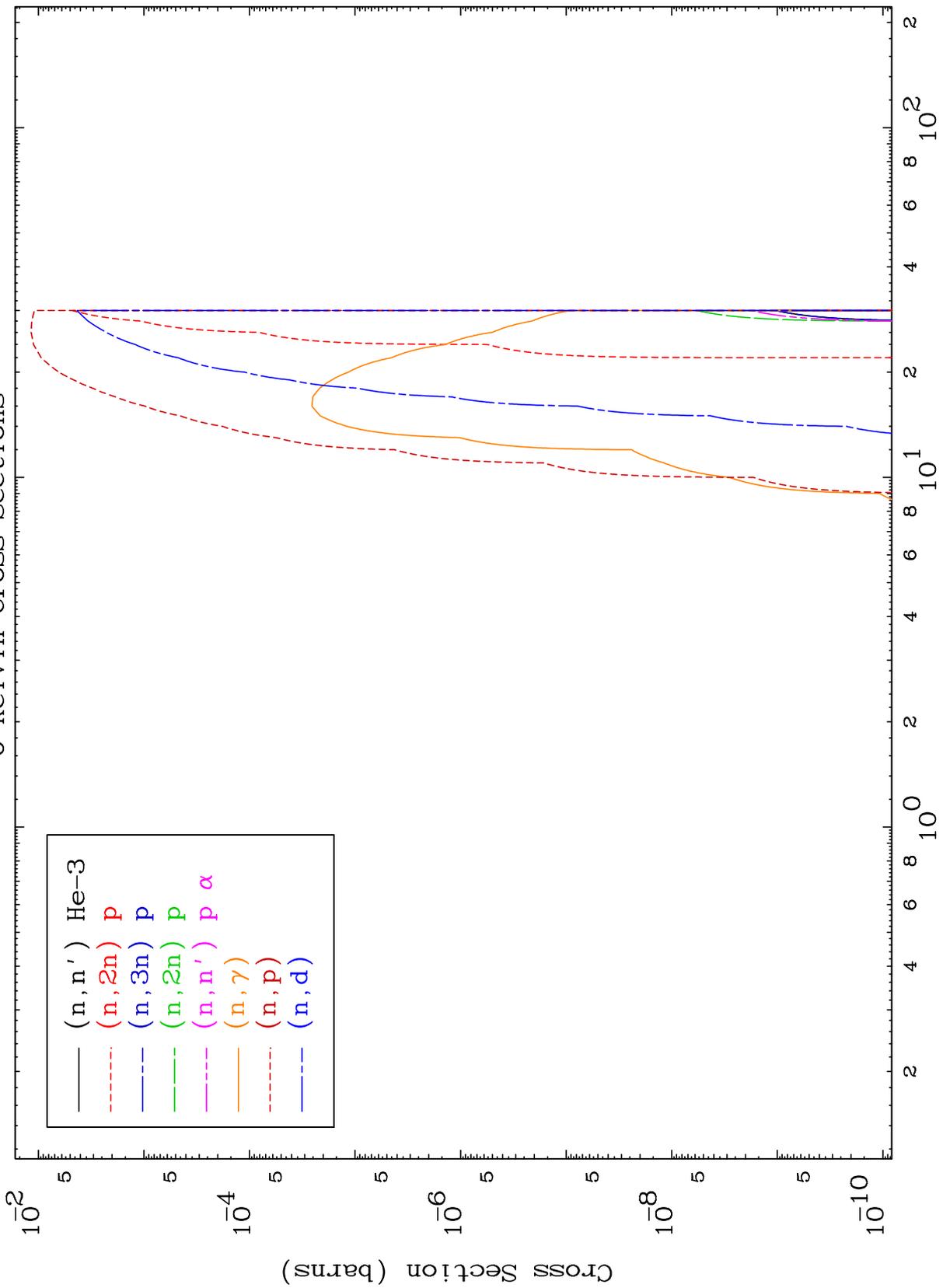
Incident Energy (MeV)

2

MAT 5135

α Neutron Absorption
0 Kelvin Cross Sections

51-Sb-124m



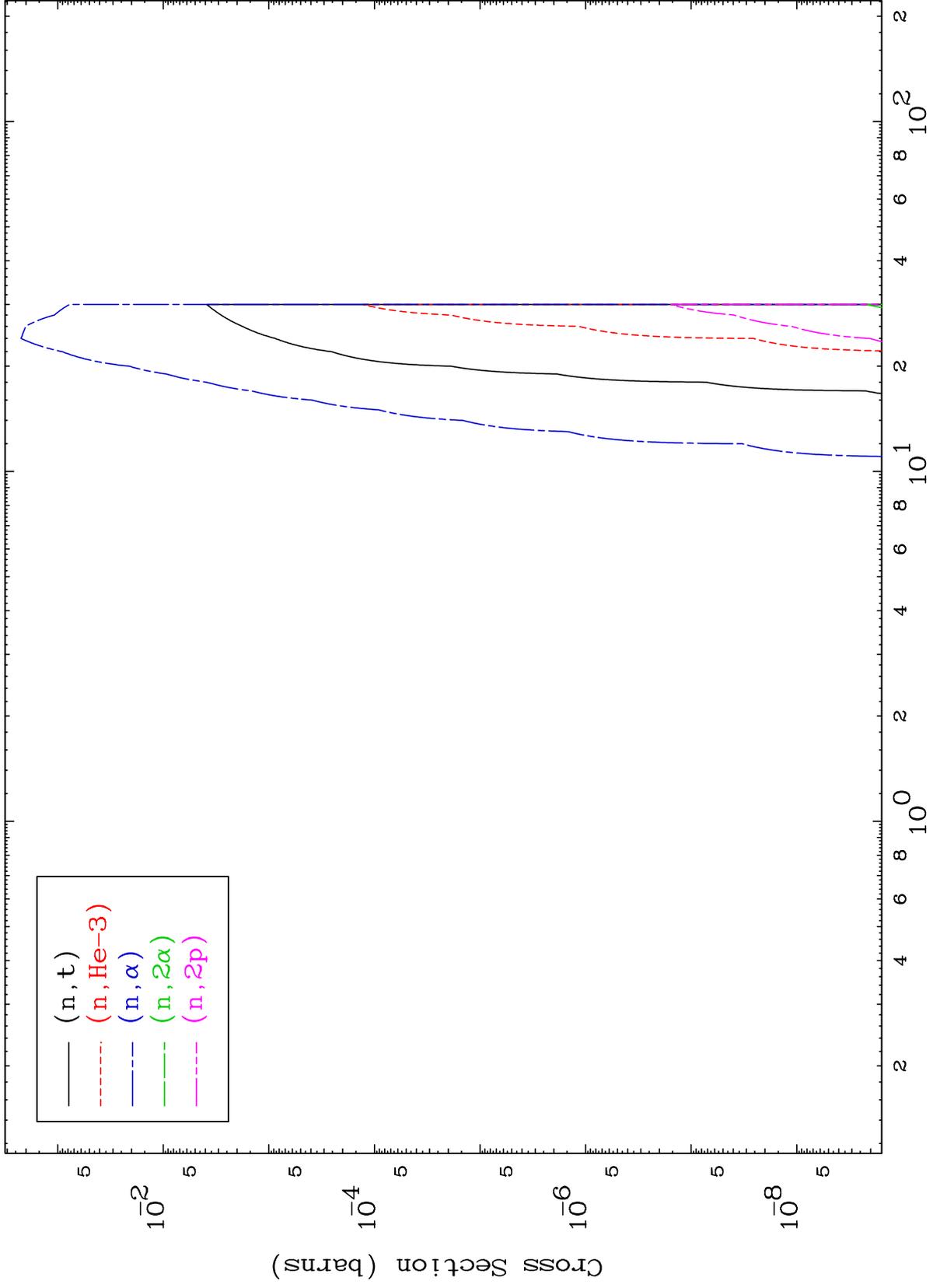
Incident Energy (MeV)

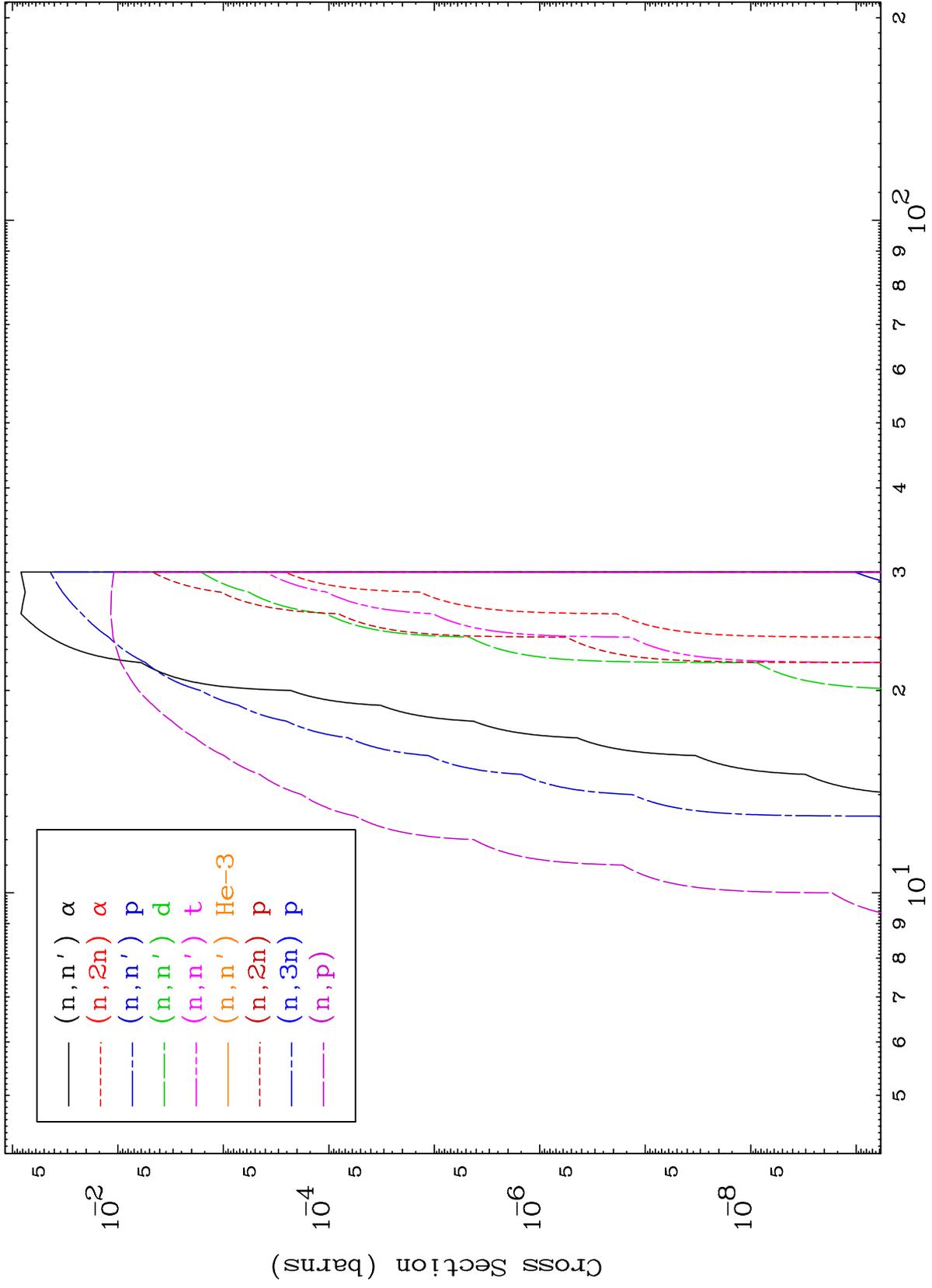
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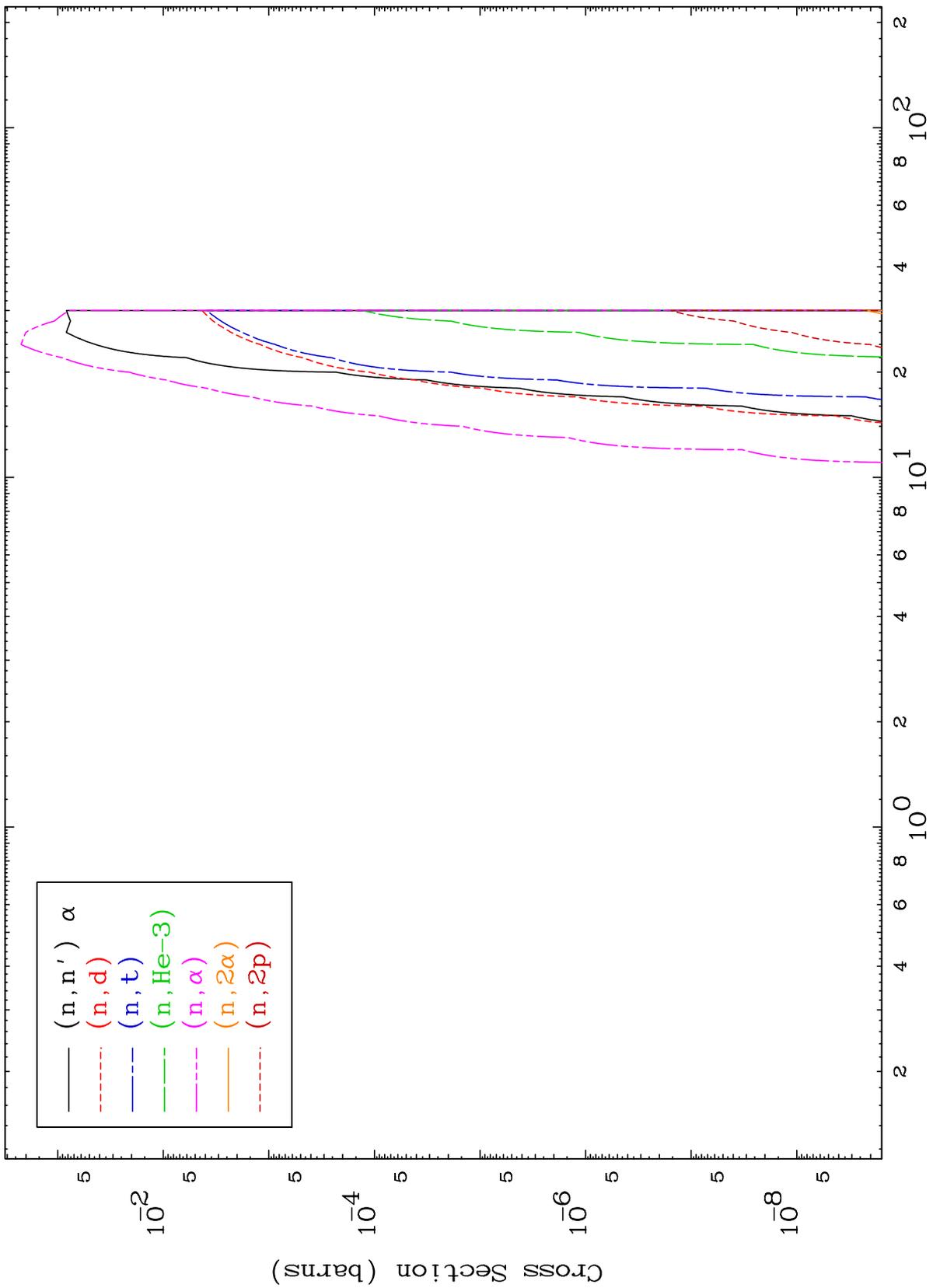
MAT 5135

α Neutron Absorption
0 Kelvin Cross Sections

51-Sb-124m



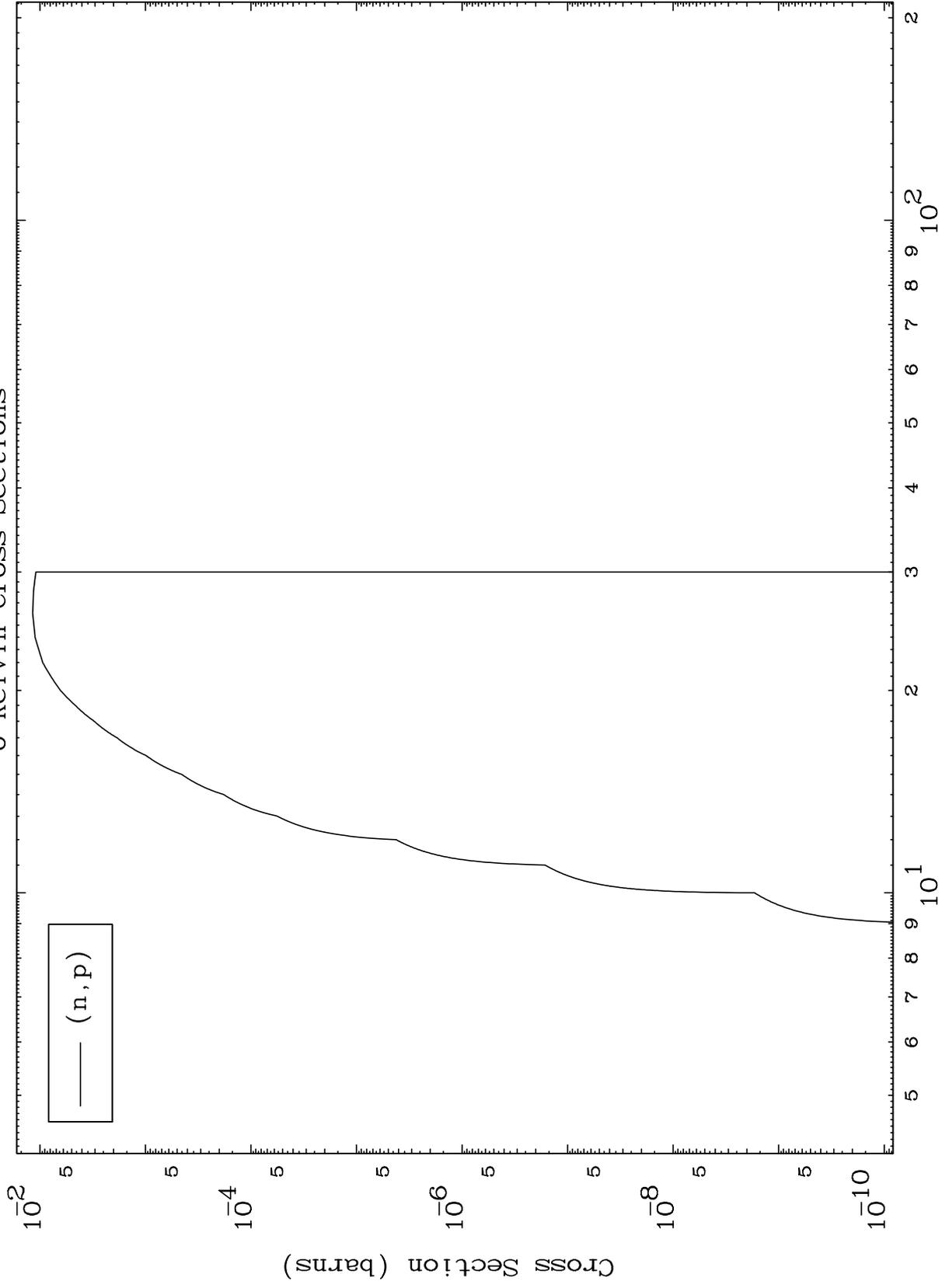




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(α, p) Levels
0 Kelvin Cross Sections

51-Sb-124m

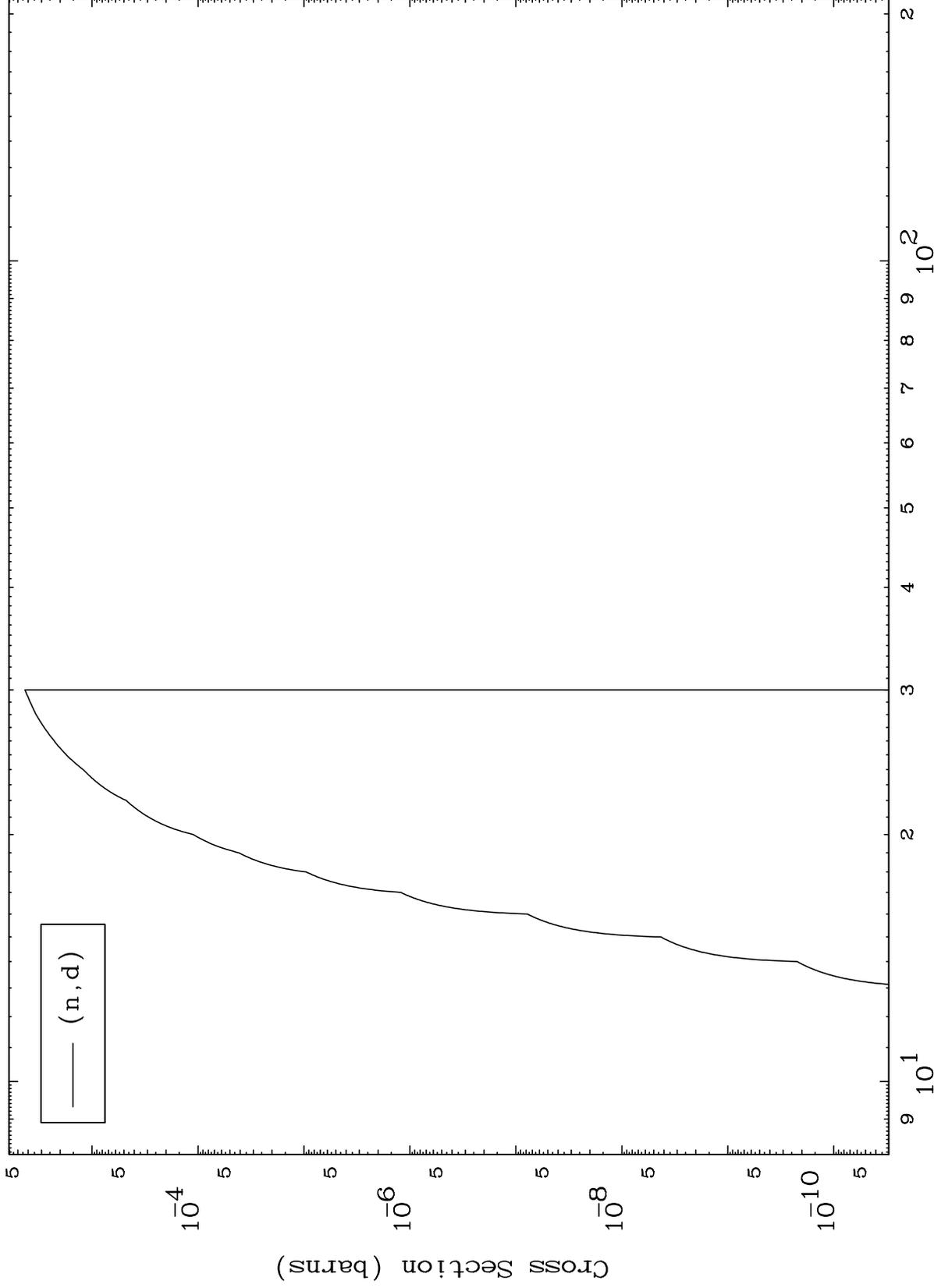


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(α, d) Levels

51-Sb-124m

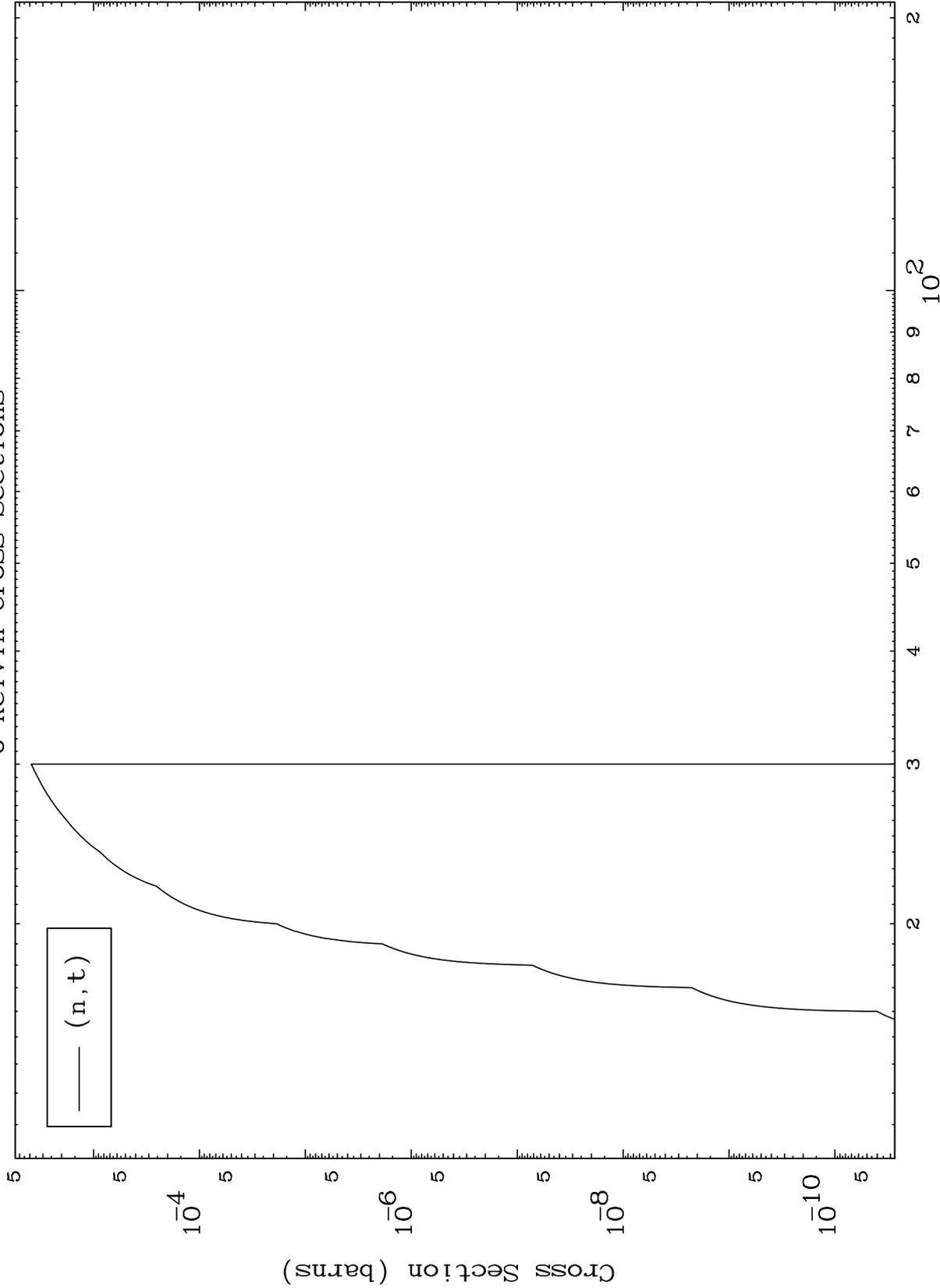
0 Kelvin Cross Sections



8

Incident Energy (MeV)

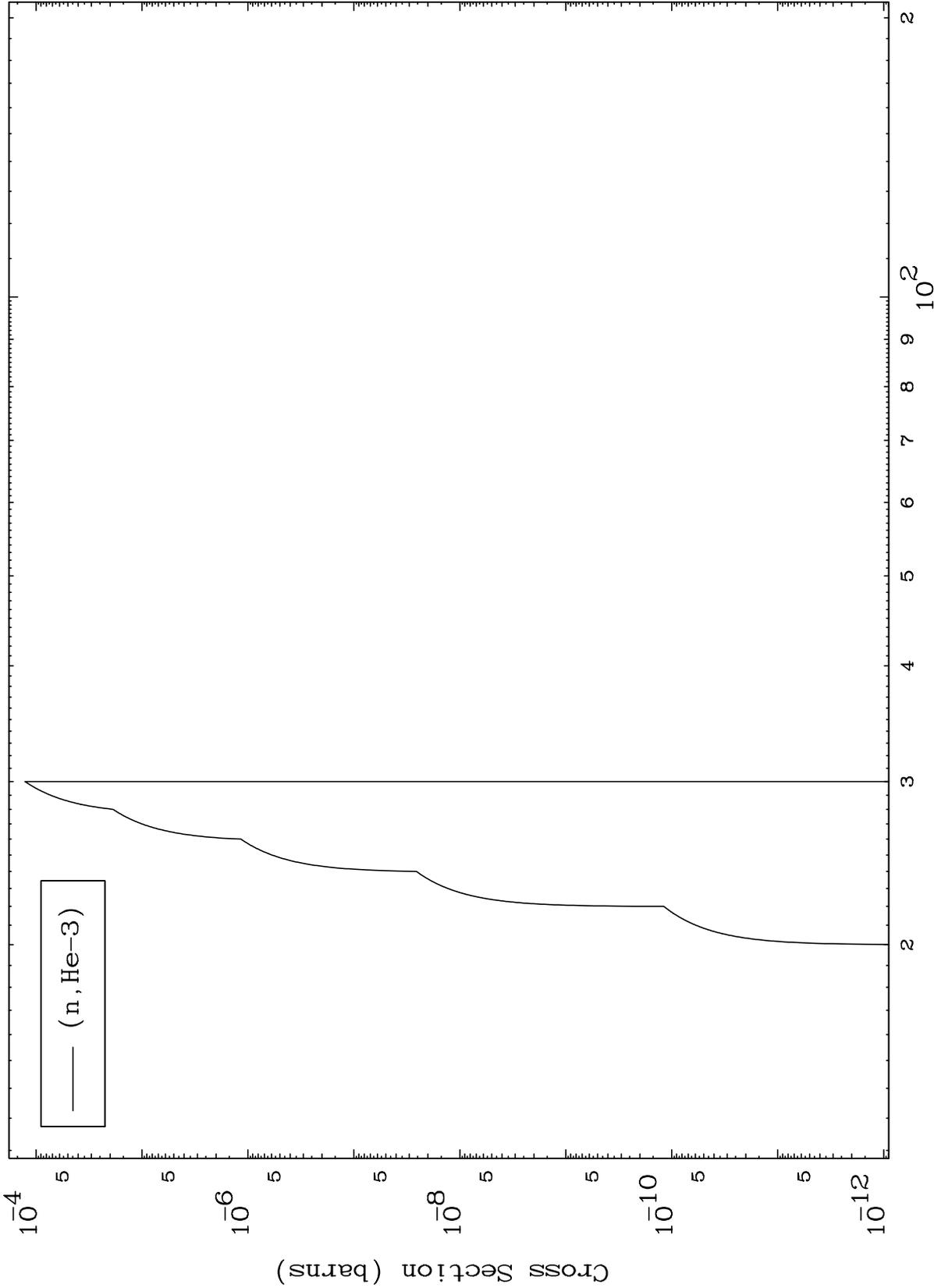
51-Sb-124m



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

51-Sb-124m



10

Incident Energy (MeV)

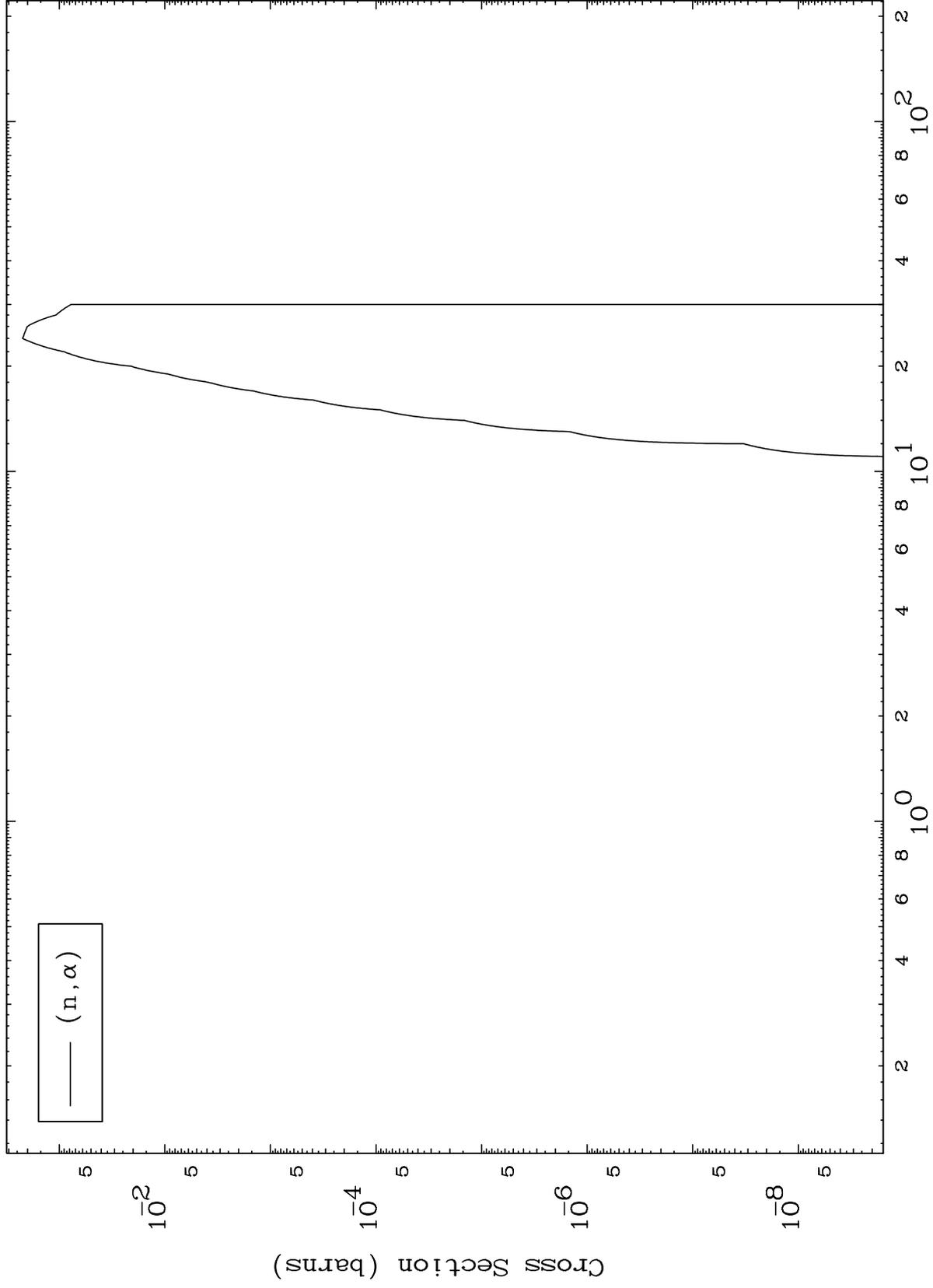
51-Sb-124m

MAT 5135

(α, α) Levels

51-Sb-124m

0 Kelvin Cross Sections

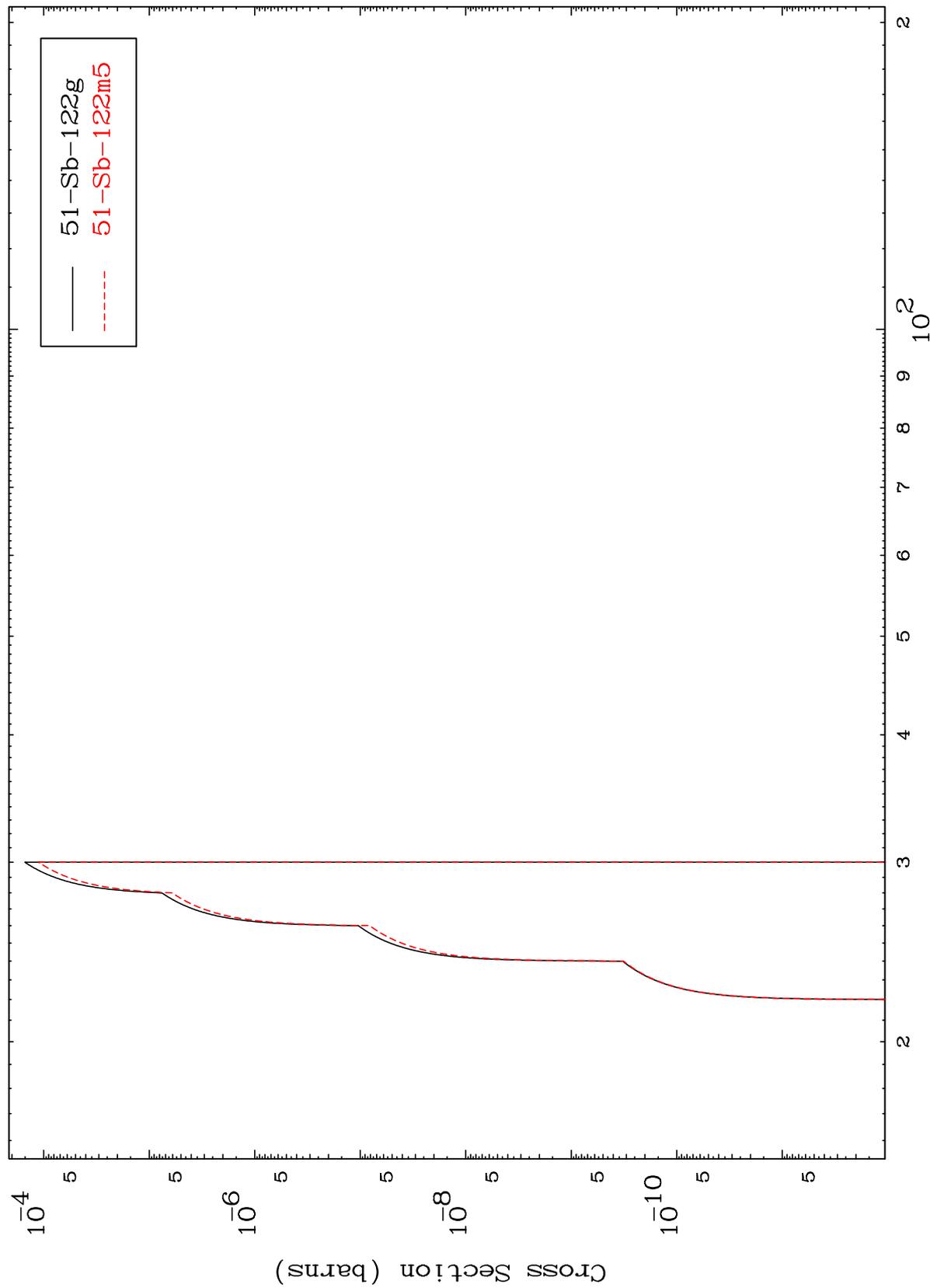


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$(n,2n) \alpha$

51-Sb-124m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

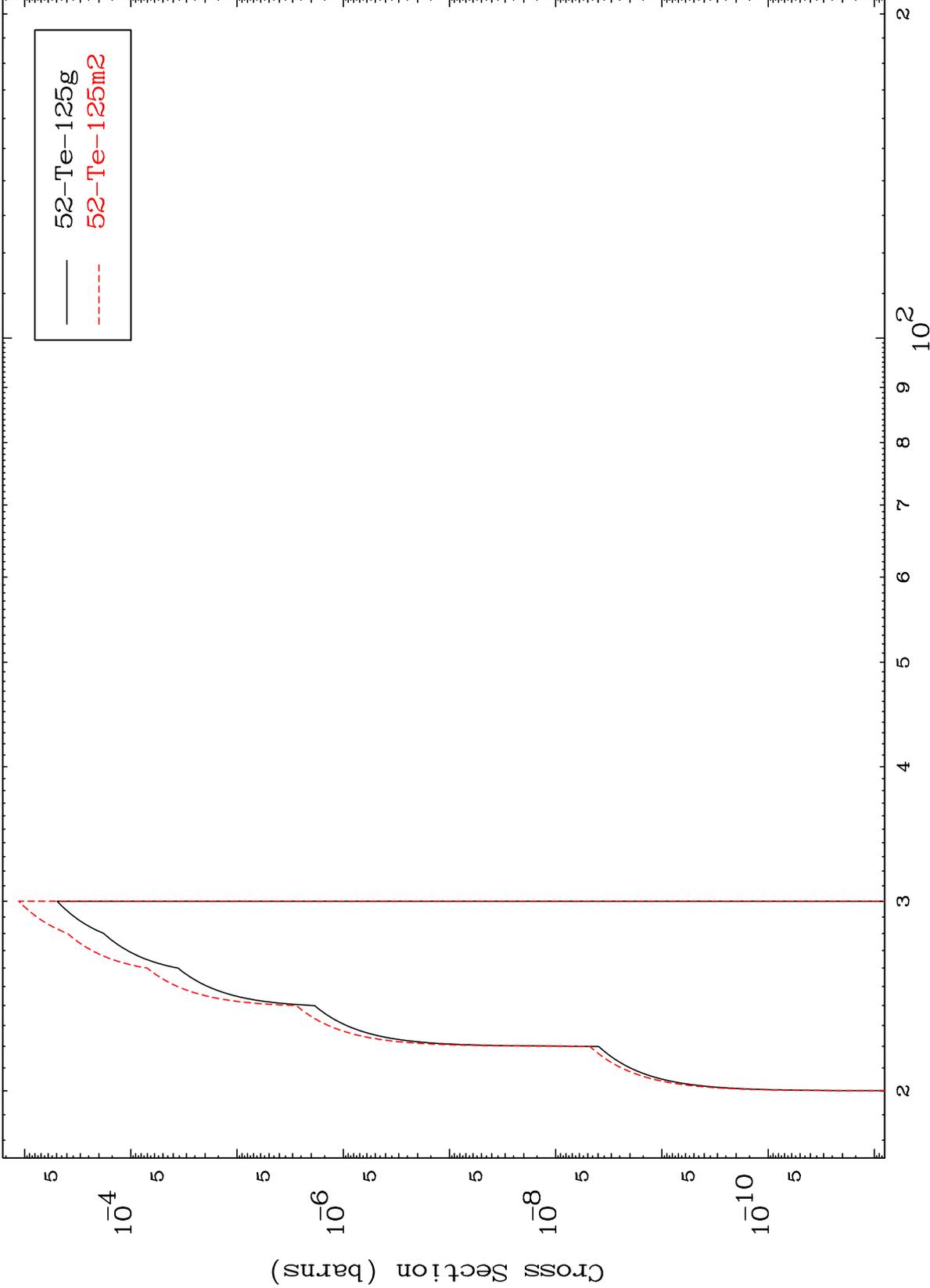
51-Sb-124m

MAT 5135

(n,n') d

51-Sb-124m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

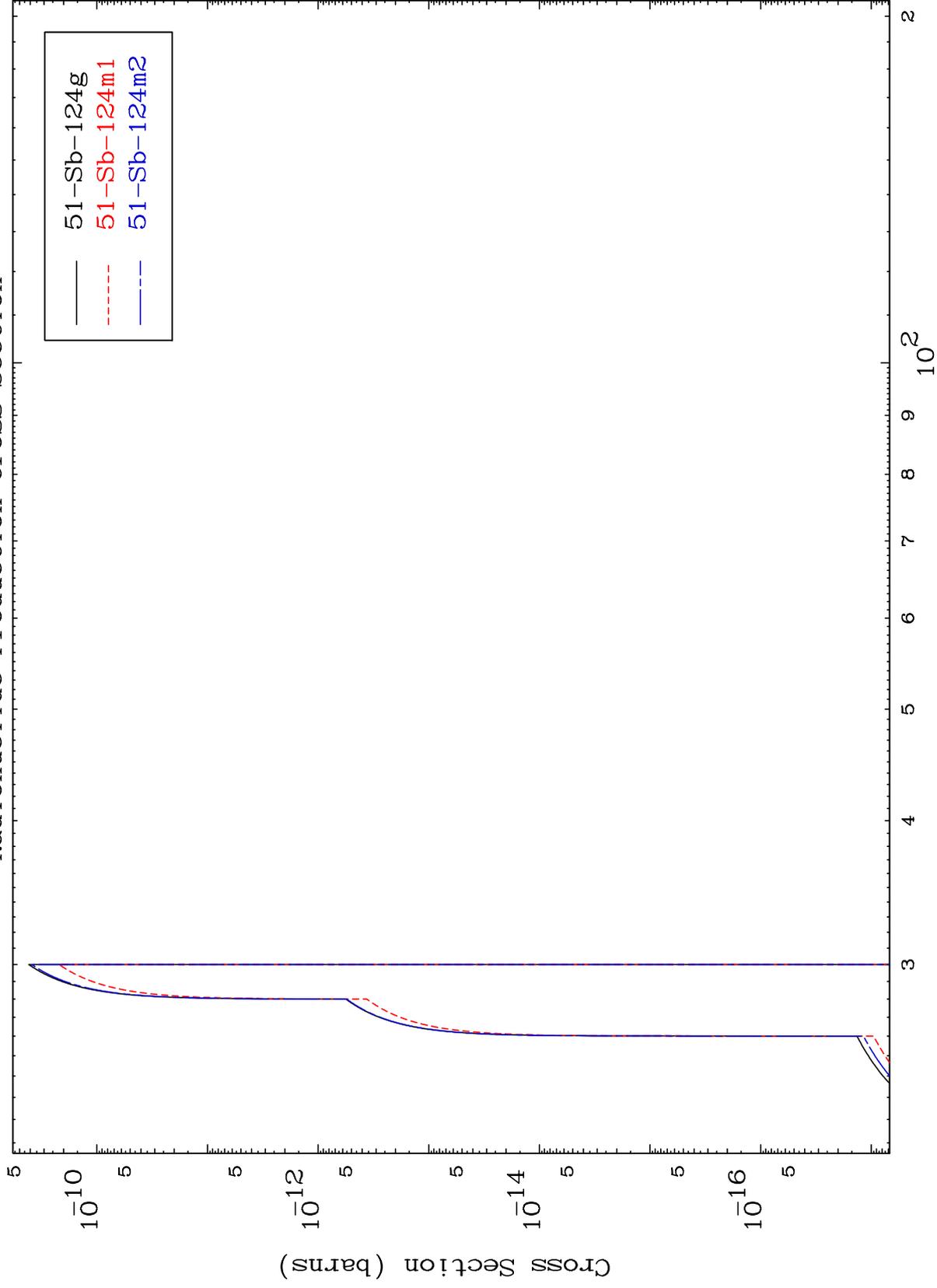
51-Sb-124m

MAT 5135

(n,n') He-3

51-Sb-124m

Radionuclide Production Cross Section



51-Sb-124m

Incident Energy (MeV)

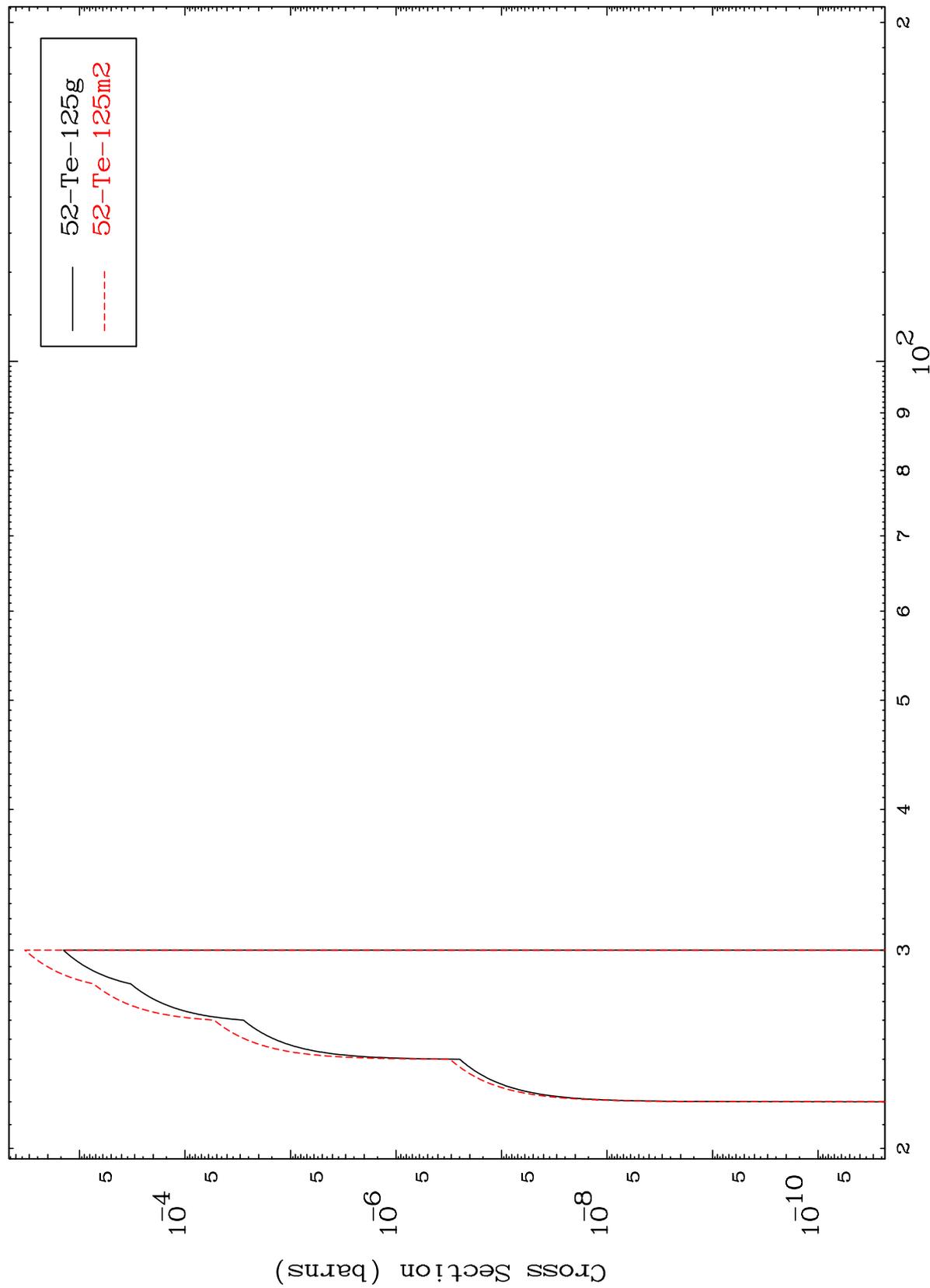
14

MAT 5135

(n,2n) p

51-Sb-124m

Radionuclide Production Cross Section



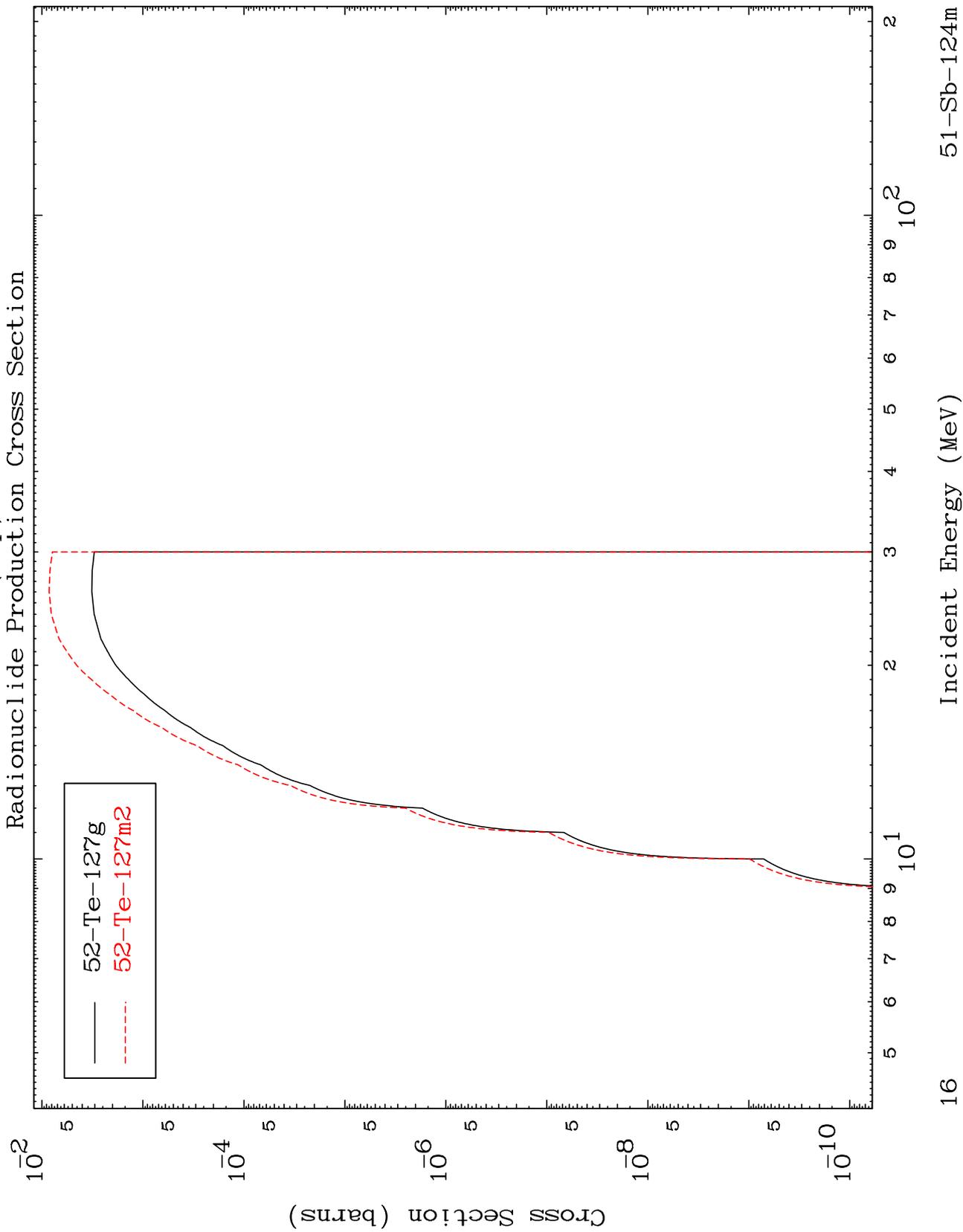
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Incident Energy (MeV)

51-Sb-124m

MAT 5135

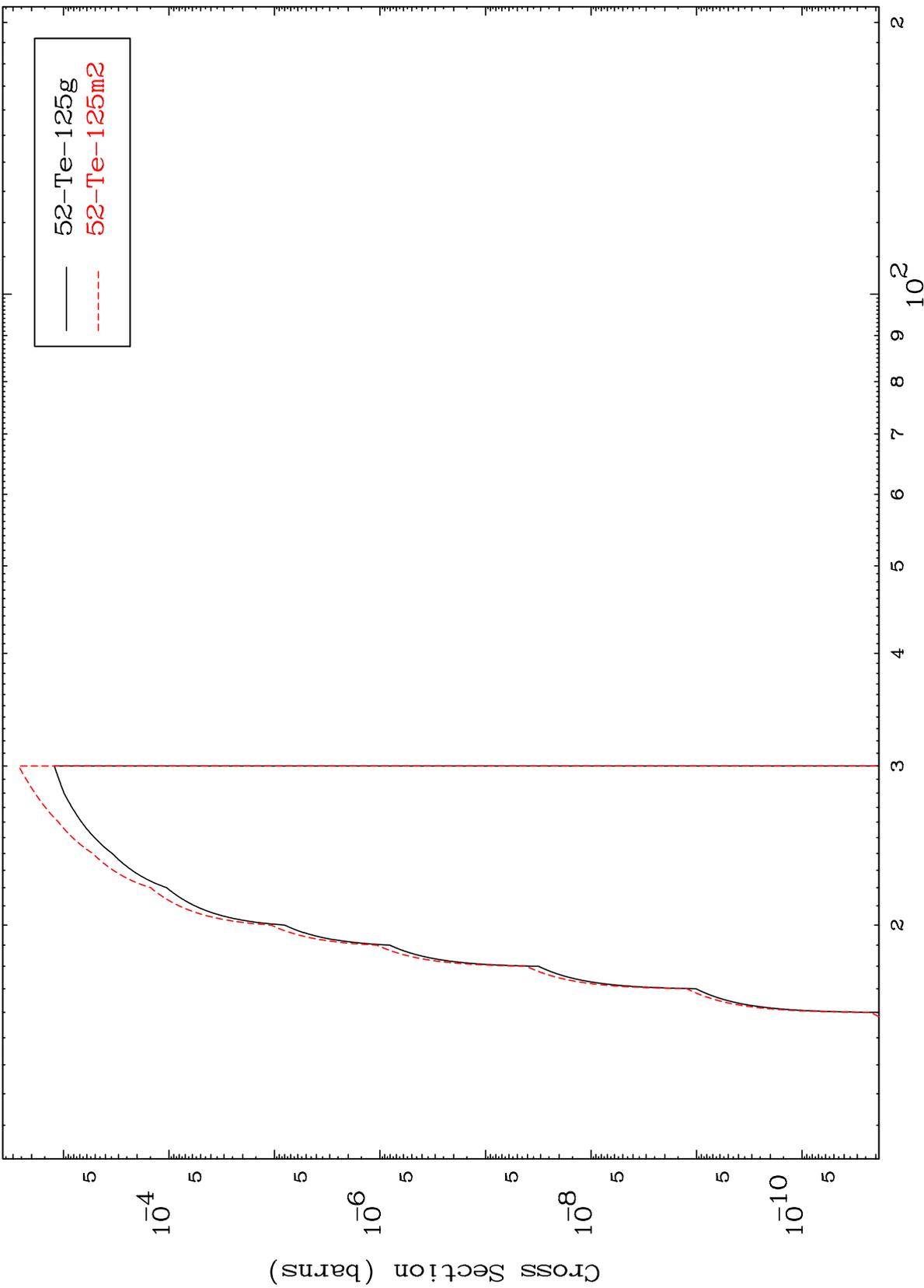
51-Sb-124m



16

51-Sb-124m

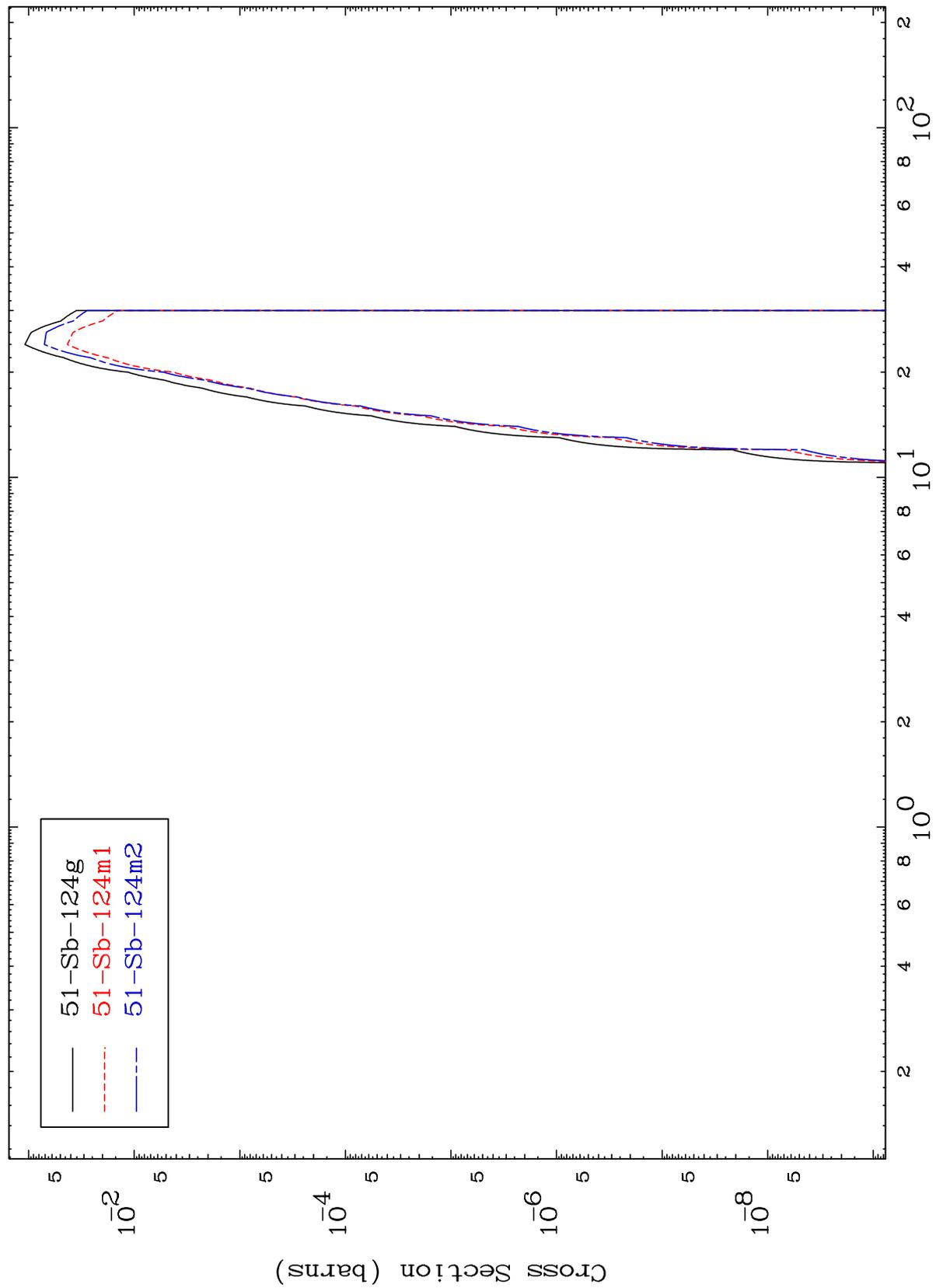
(n,t)
Radionuclide Production Cross Section



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51-Sb-124m

Radionuclide Production Cross Section
(n, α)



18

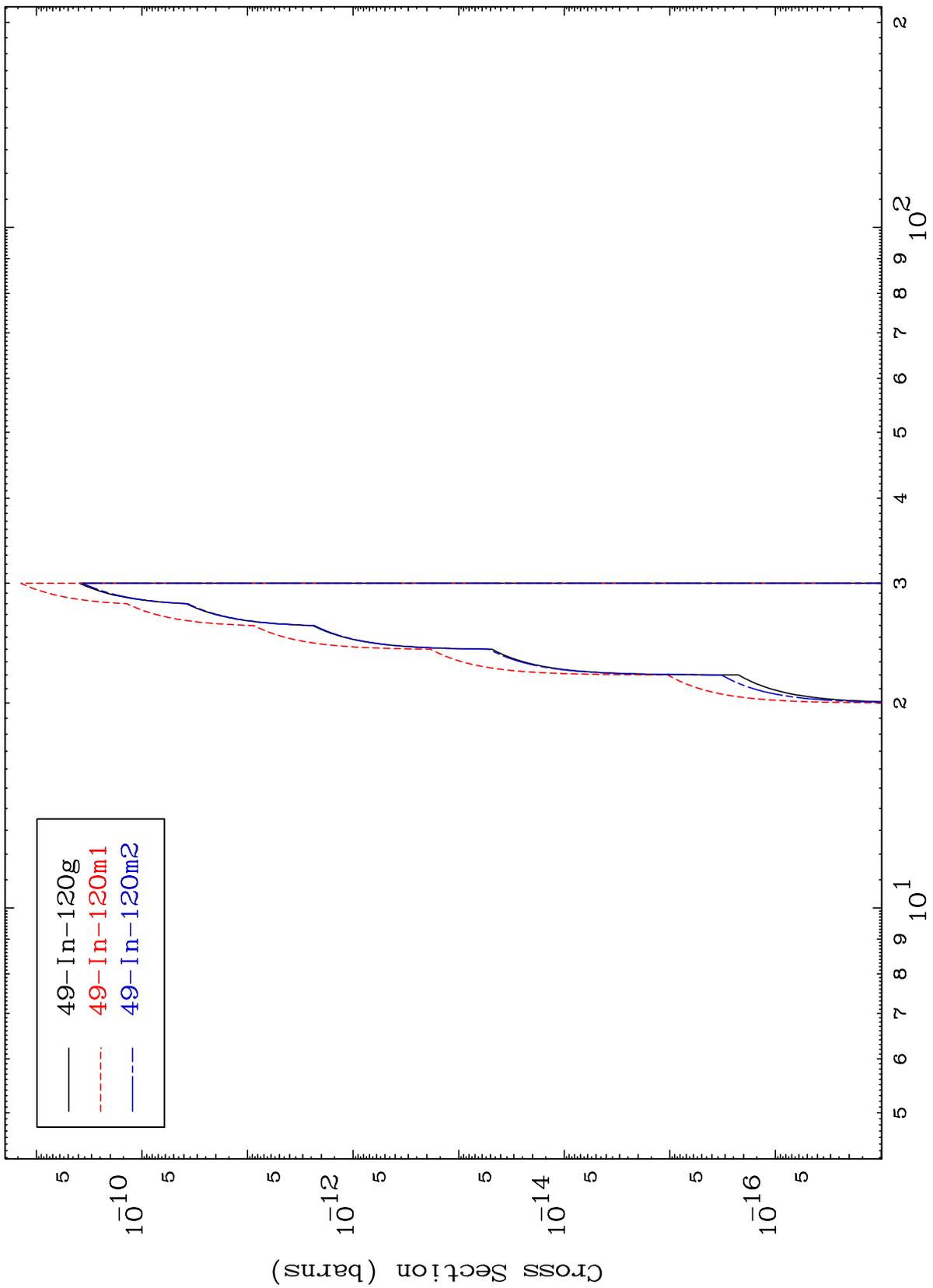
51-Sb-124m

Incident Energy (MeV)

MAT 5135

51-Sb-124m

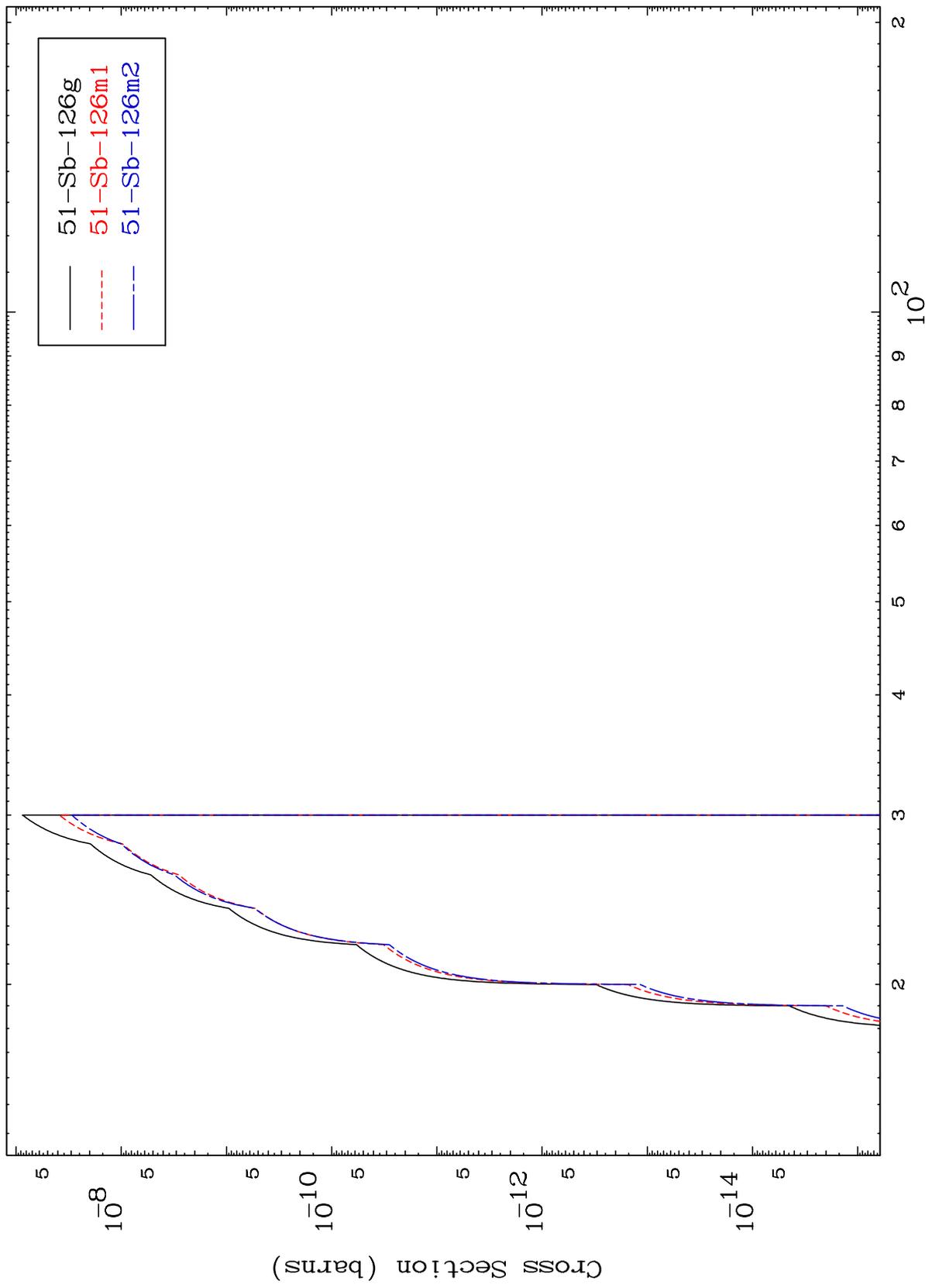
Radionuclide Production Cross Section
(n, 2α)



MAT 5135

51-Sb-124m

(n,2p)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

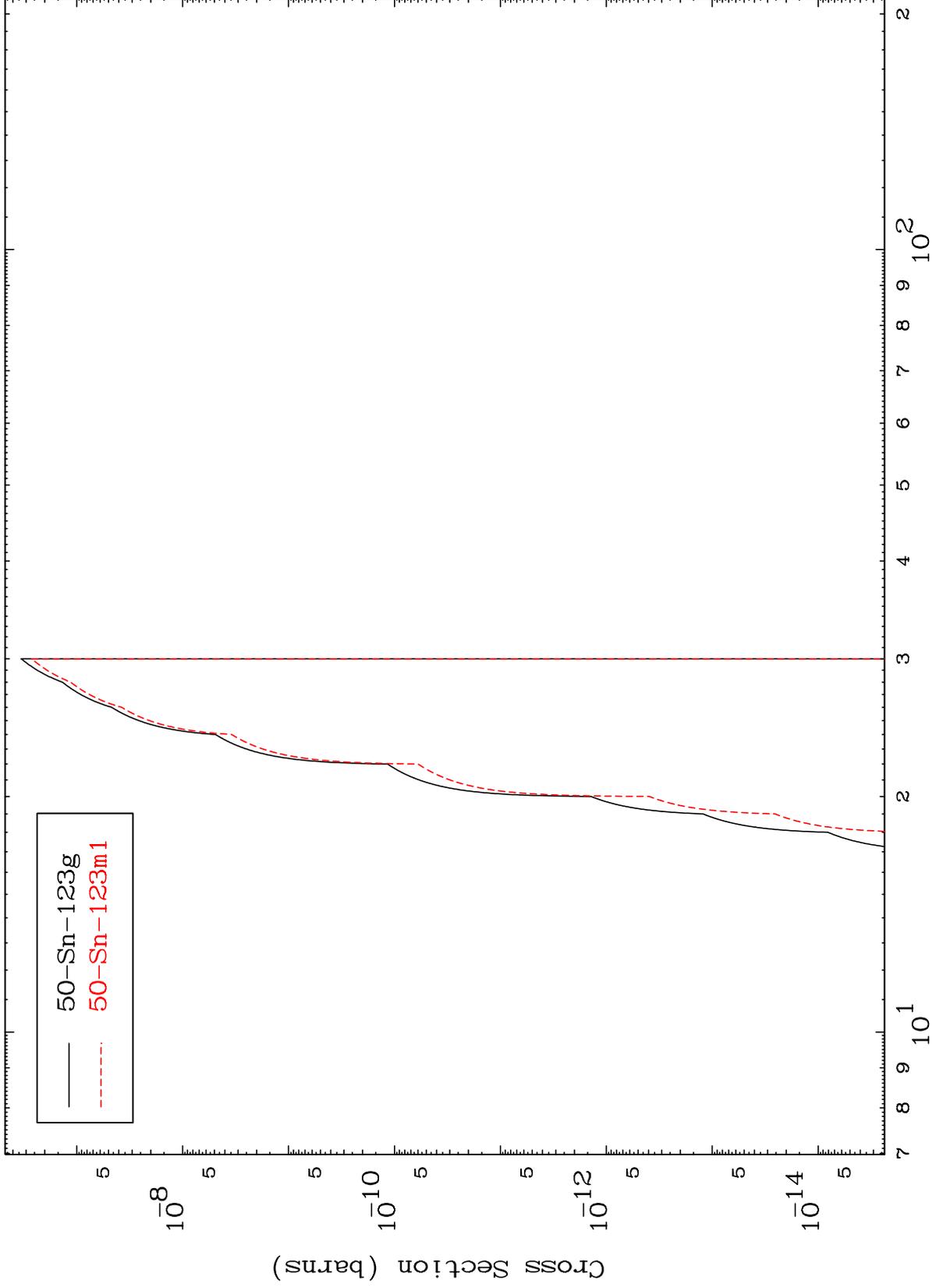
51-Sb-124m

MAT 5135

(n,p) α

51-Sb-124m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

51-Sb-124m