

Program EVALPLOT
(Version 2021-1)

by

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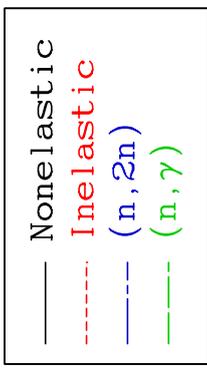
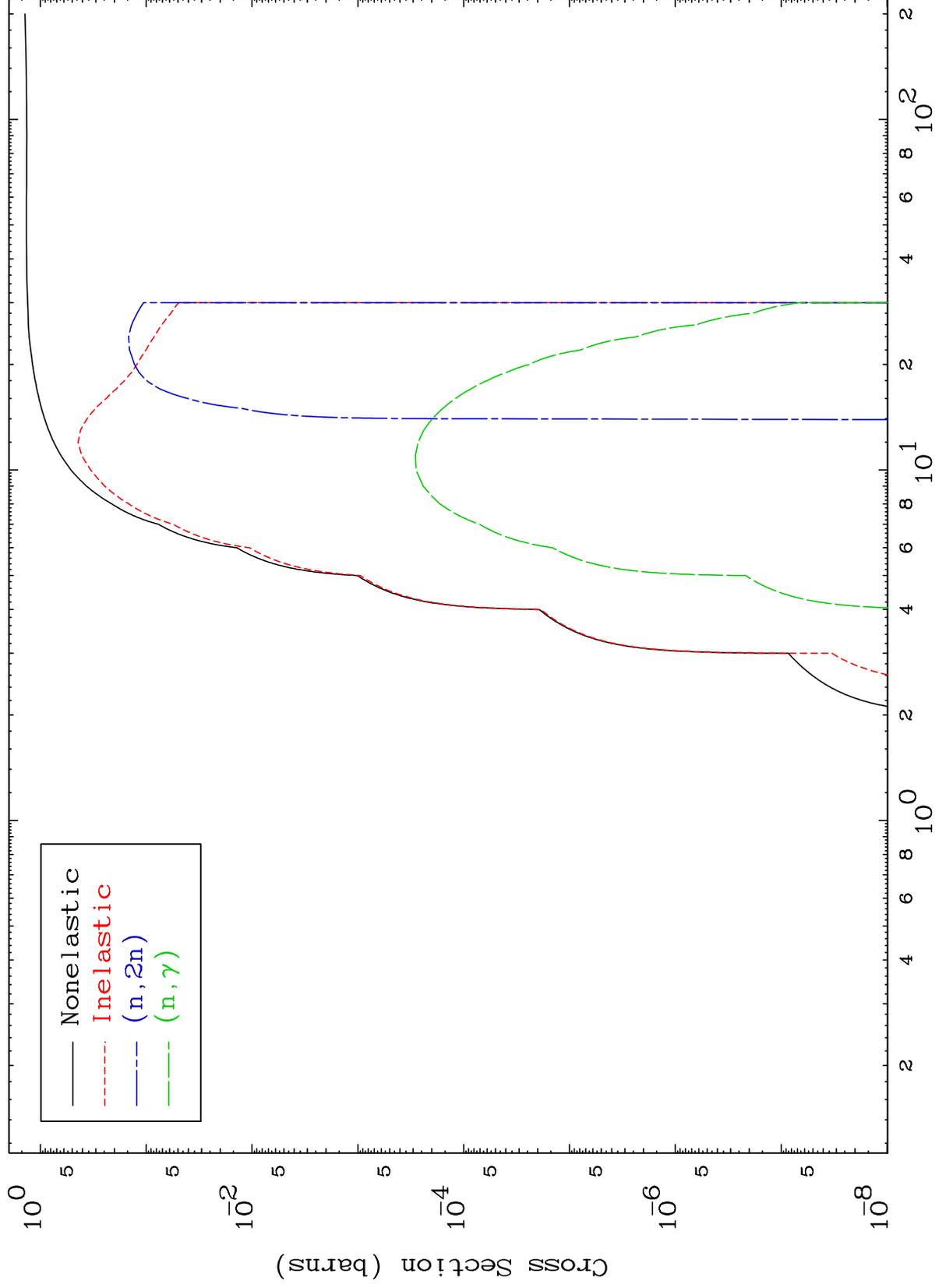
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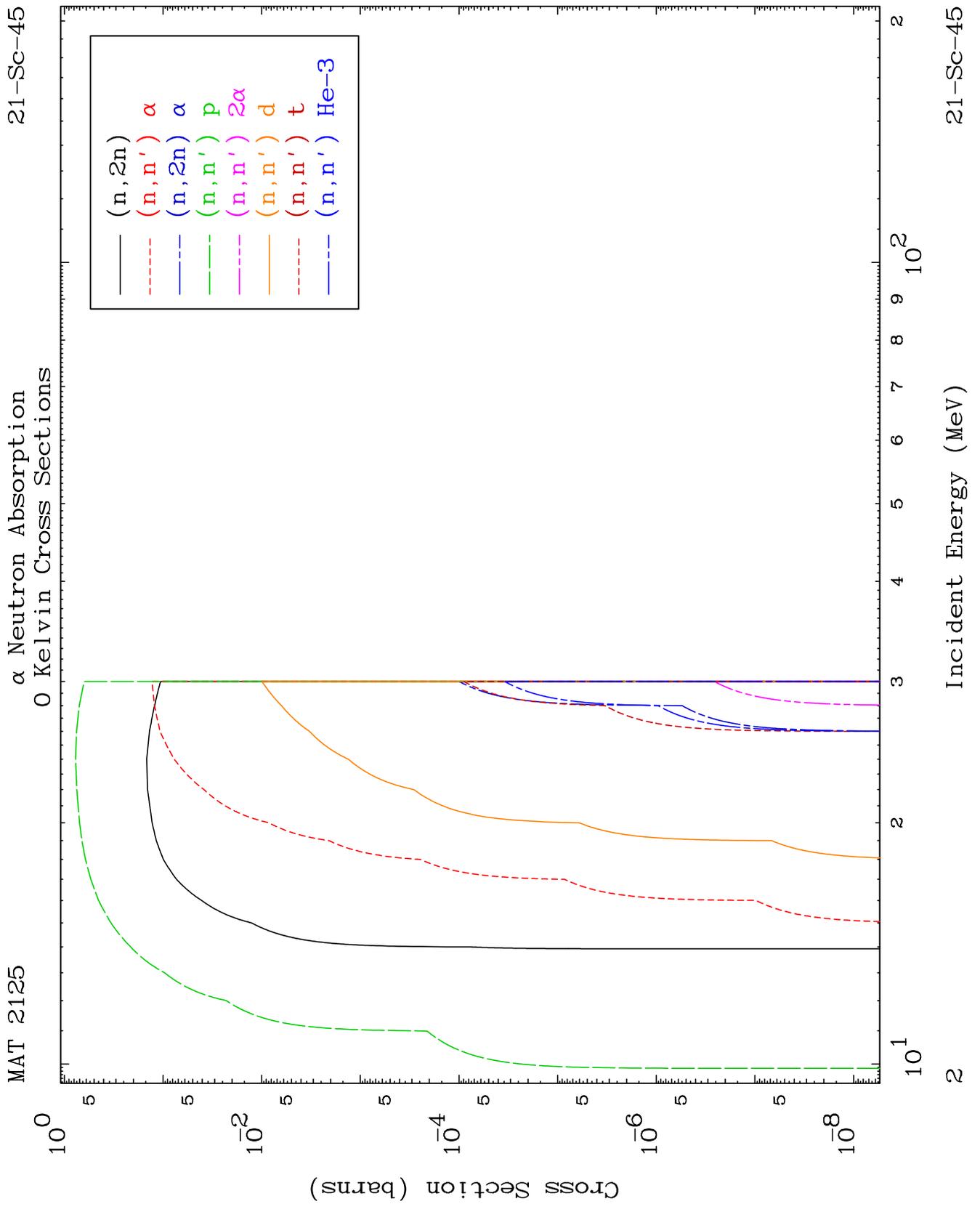
MAT 2125

α Major

21-Sc-45

0 Kelvin Cross Sections

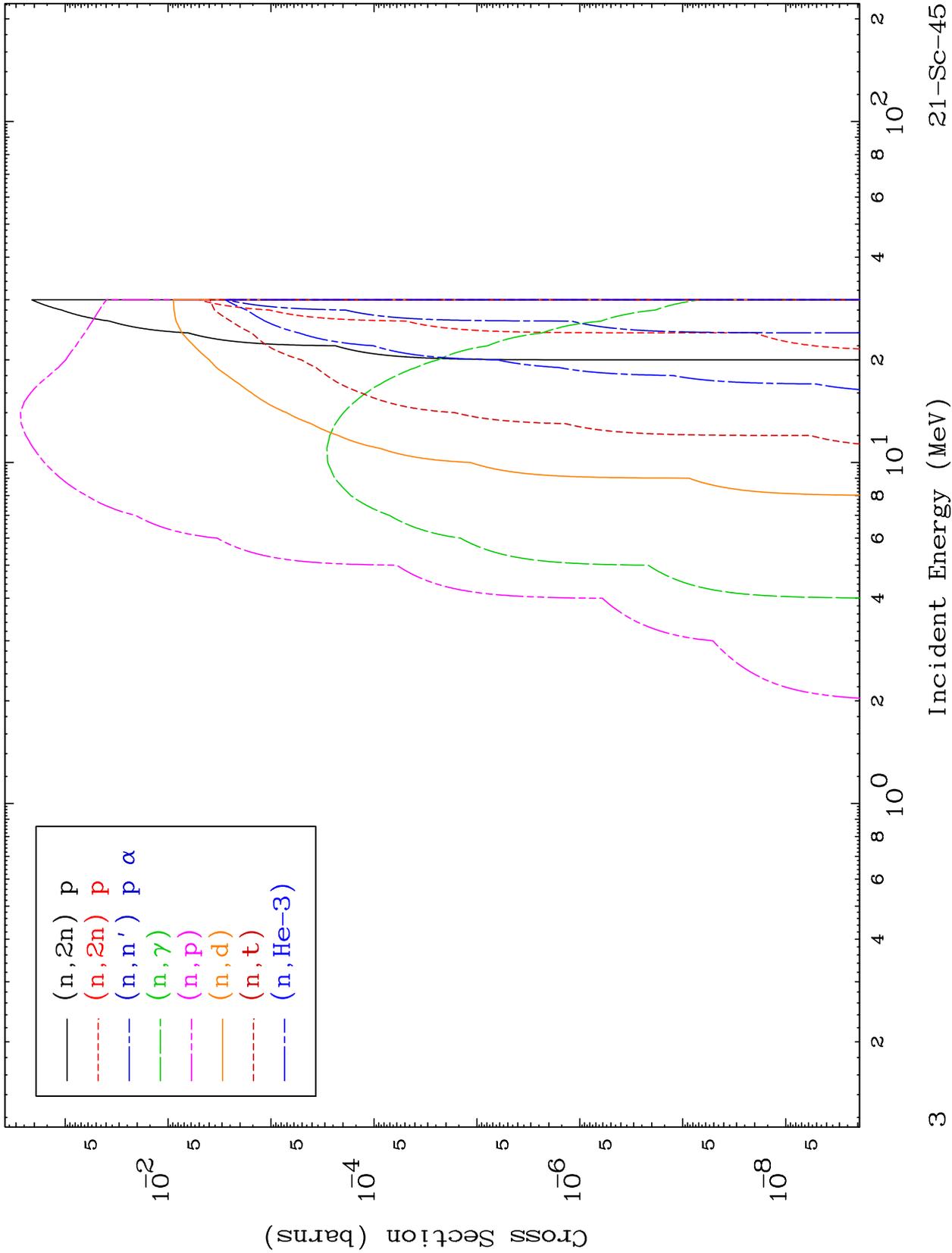




MAT 2125

α Neutron Absorption
0 Kelvin Cross Sections

21-Sc-45

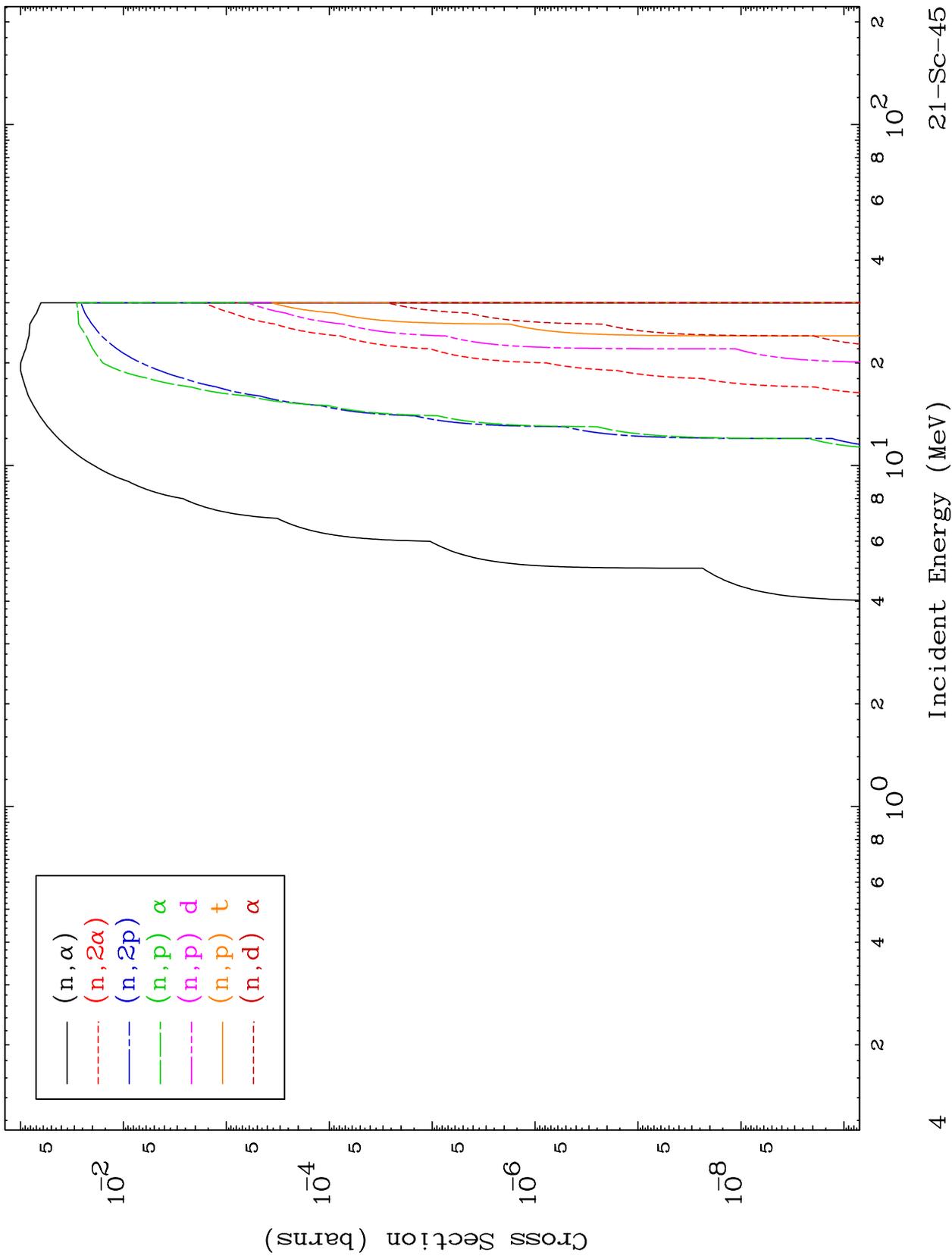


MAT 2125

α Neutron Absorption

21-Sc-45

0 Kelvin Cross Sections

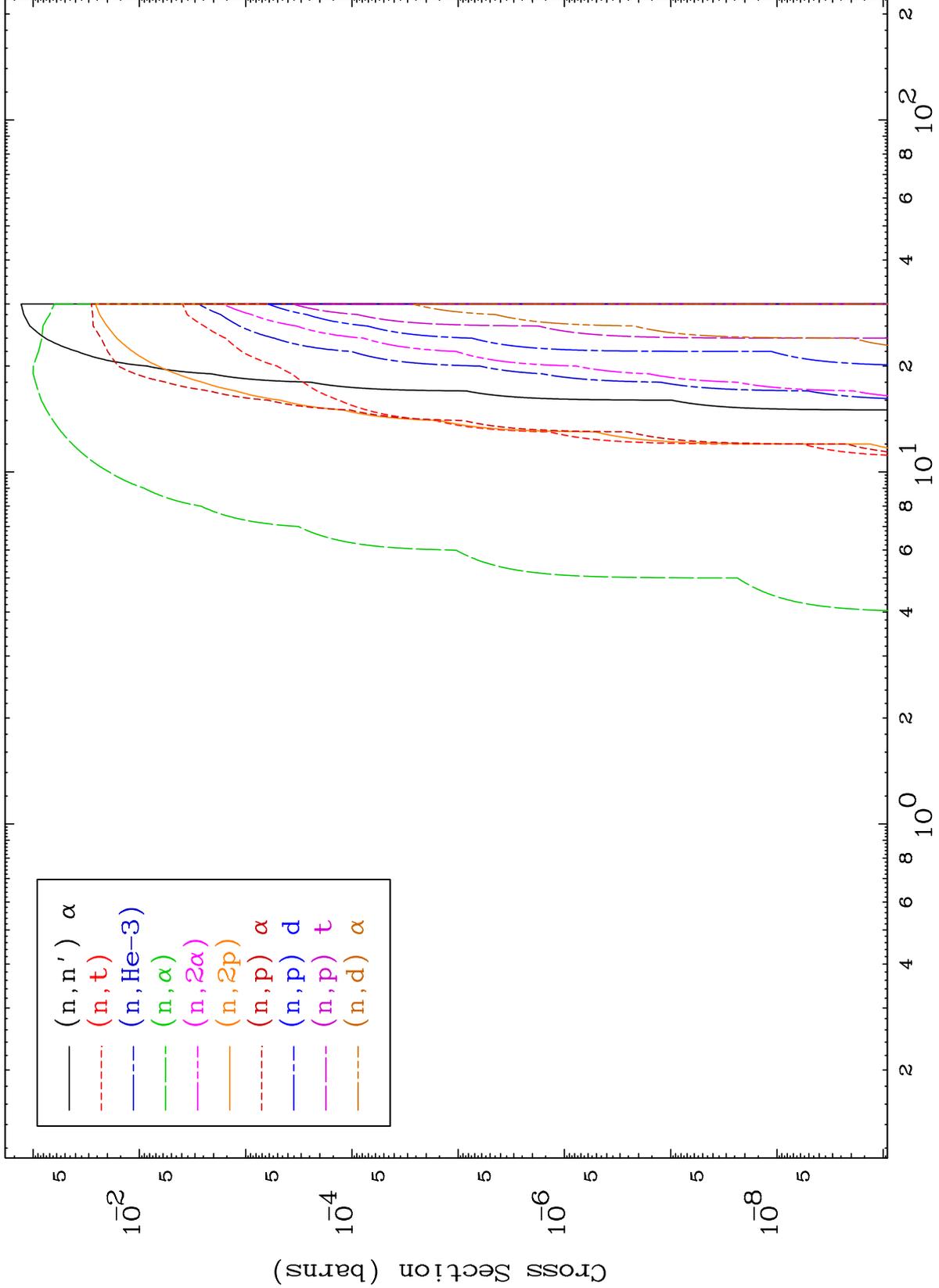


21-Sc-45

MAT 2125

α Charged Particle
0 Kelvin Cross Sections

21-Sc-45



Incident Energy (MeV)

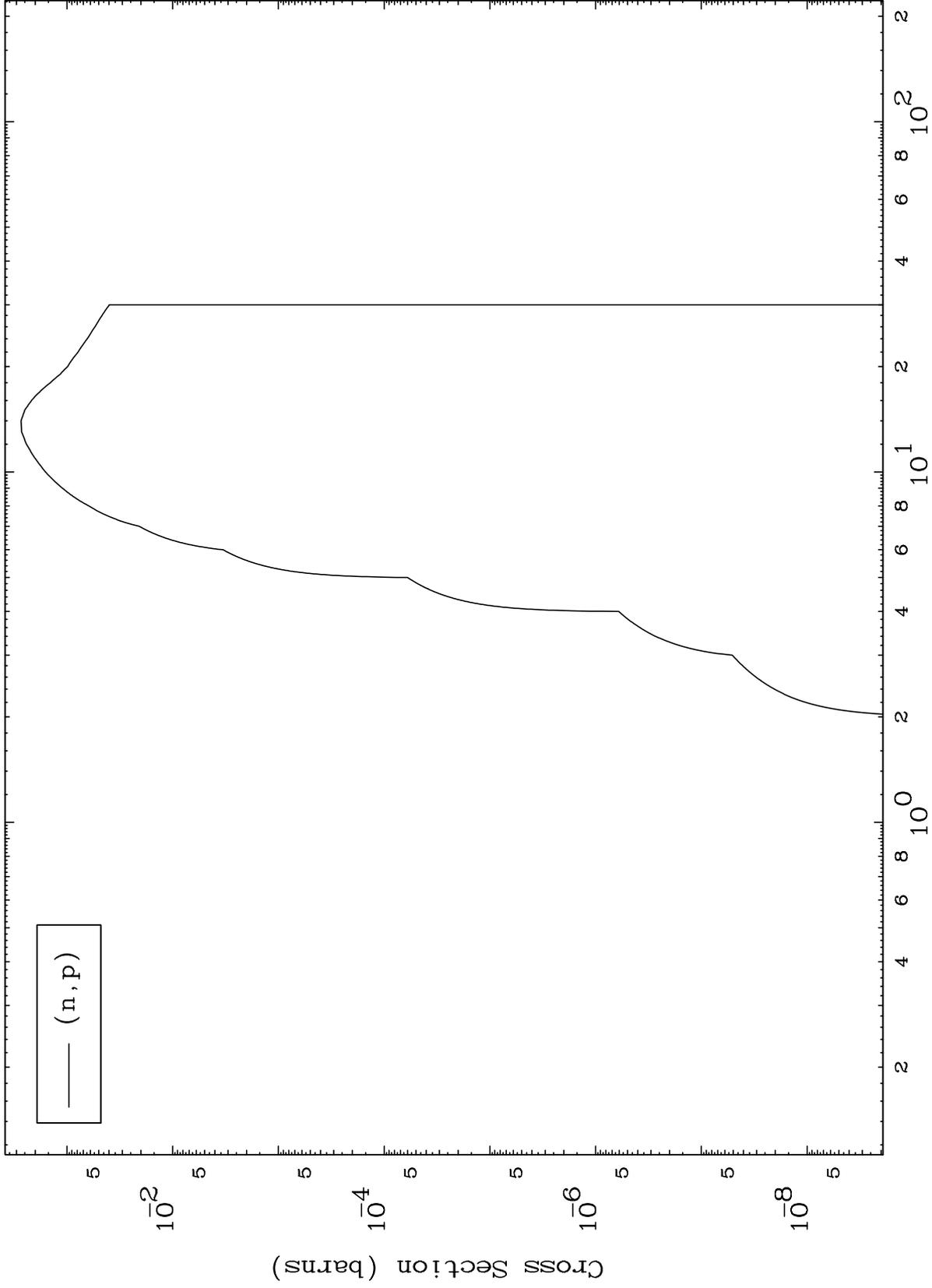
21-Sc-45

MAT 2125

(α, p) Levels

21-Sc-45

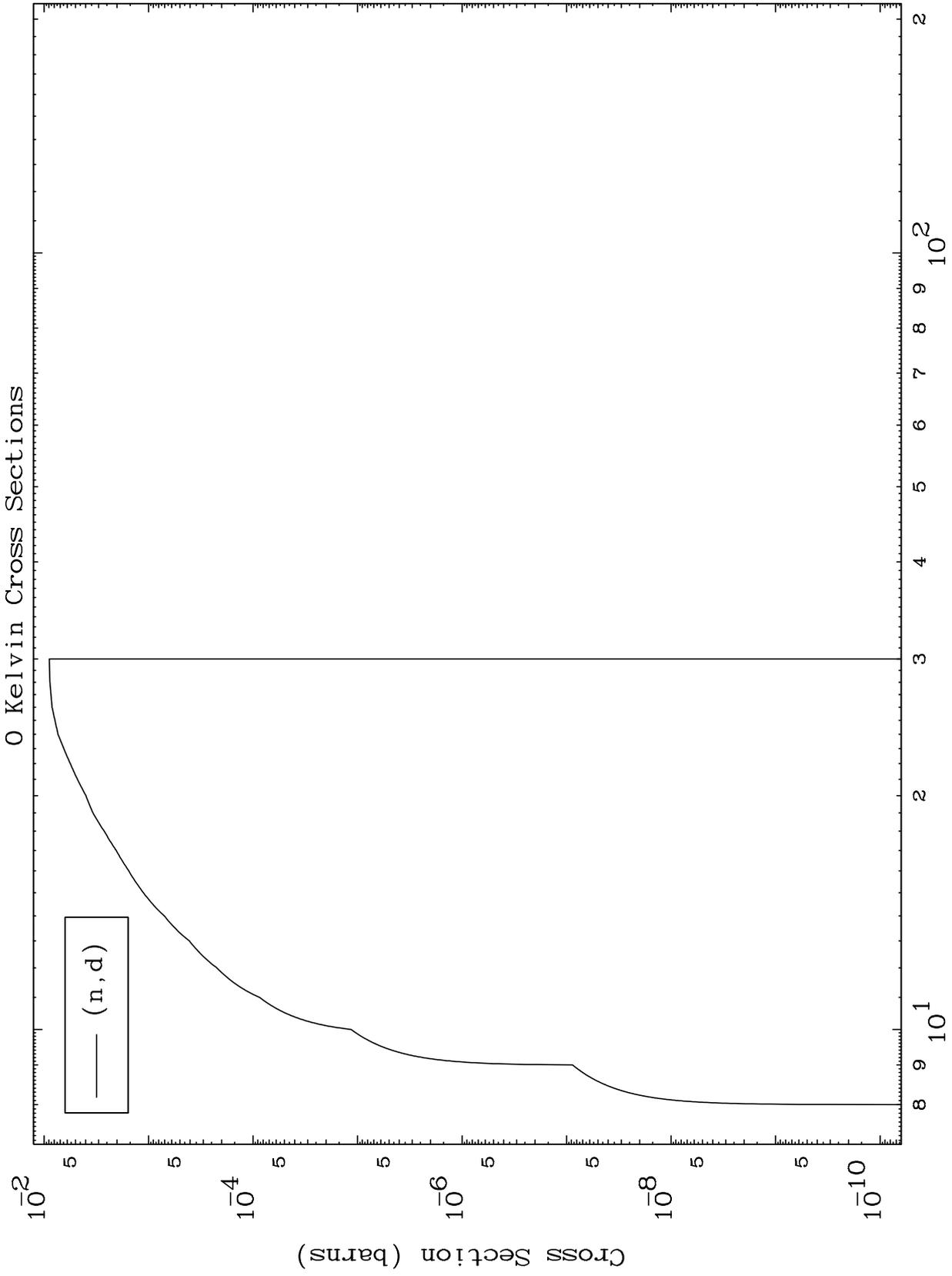
0 Kelvin Cross Sections



MAT 2125

(α, d) Levels

21-Sc-45



8

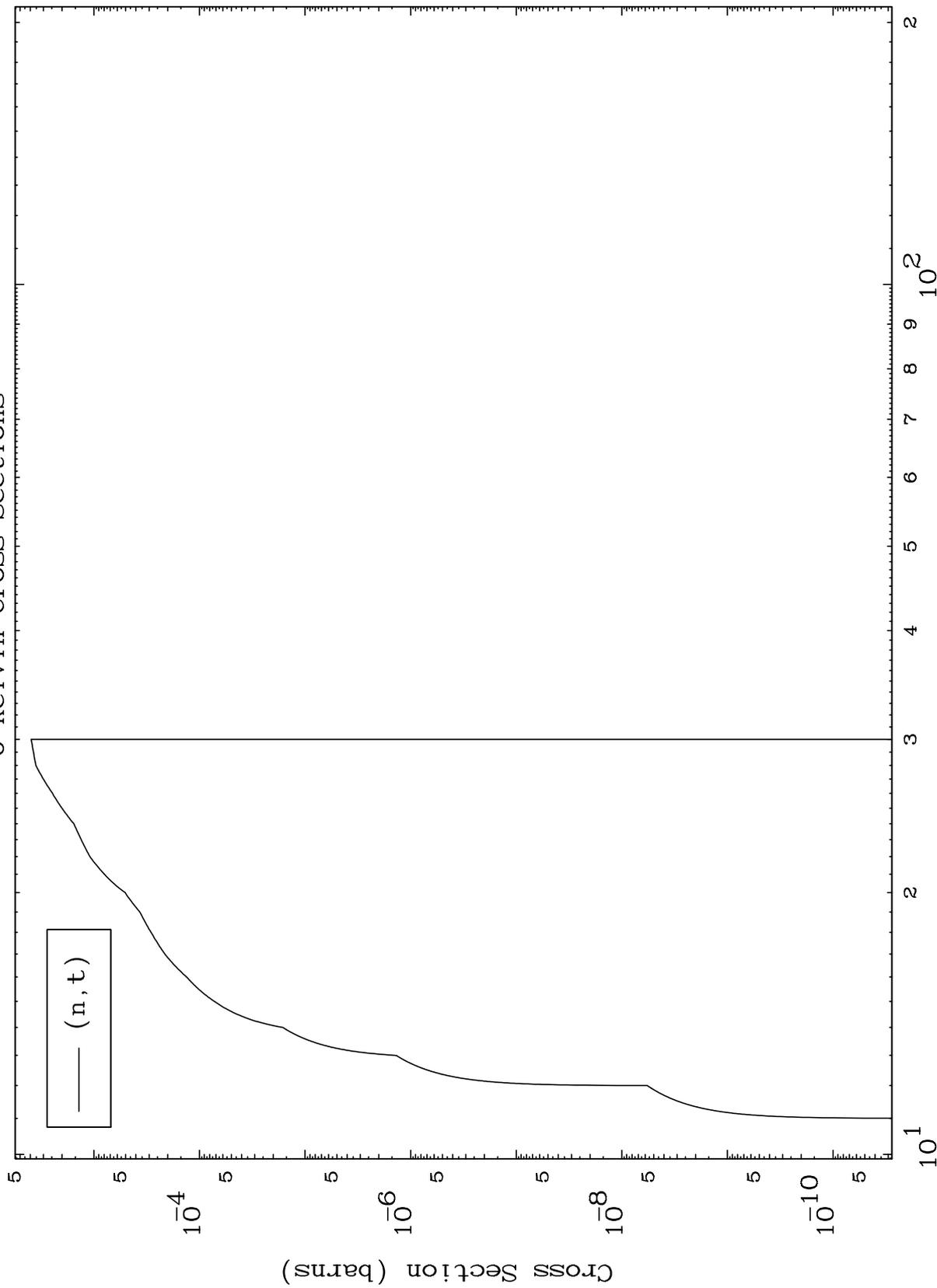
Incident Energy (MeV)

21-Sc-45

MAT 2125

21-Sc-45

(α, t) Levels
0 Kelvin Cross Sections



21-Sc-45

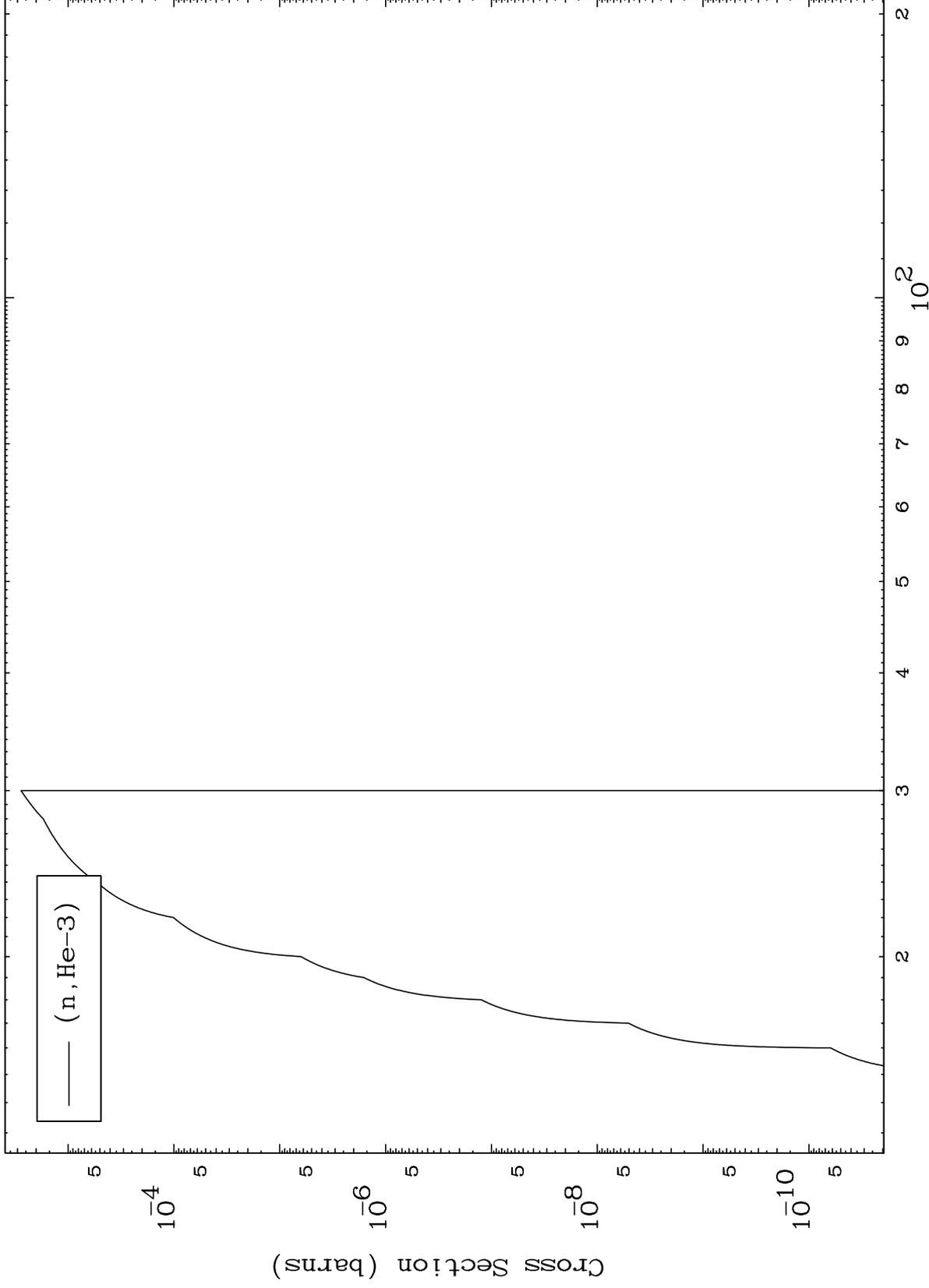
Incident Energy (MeV)

9

MAT 2125

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

21-Sc-45



10

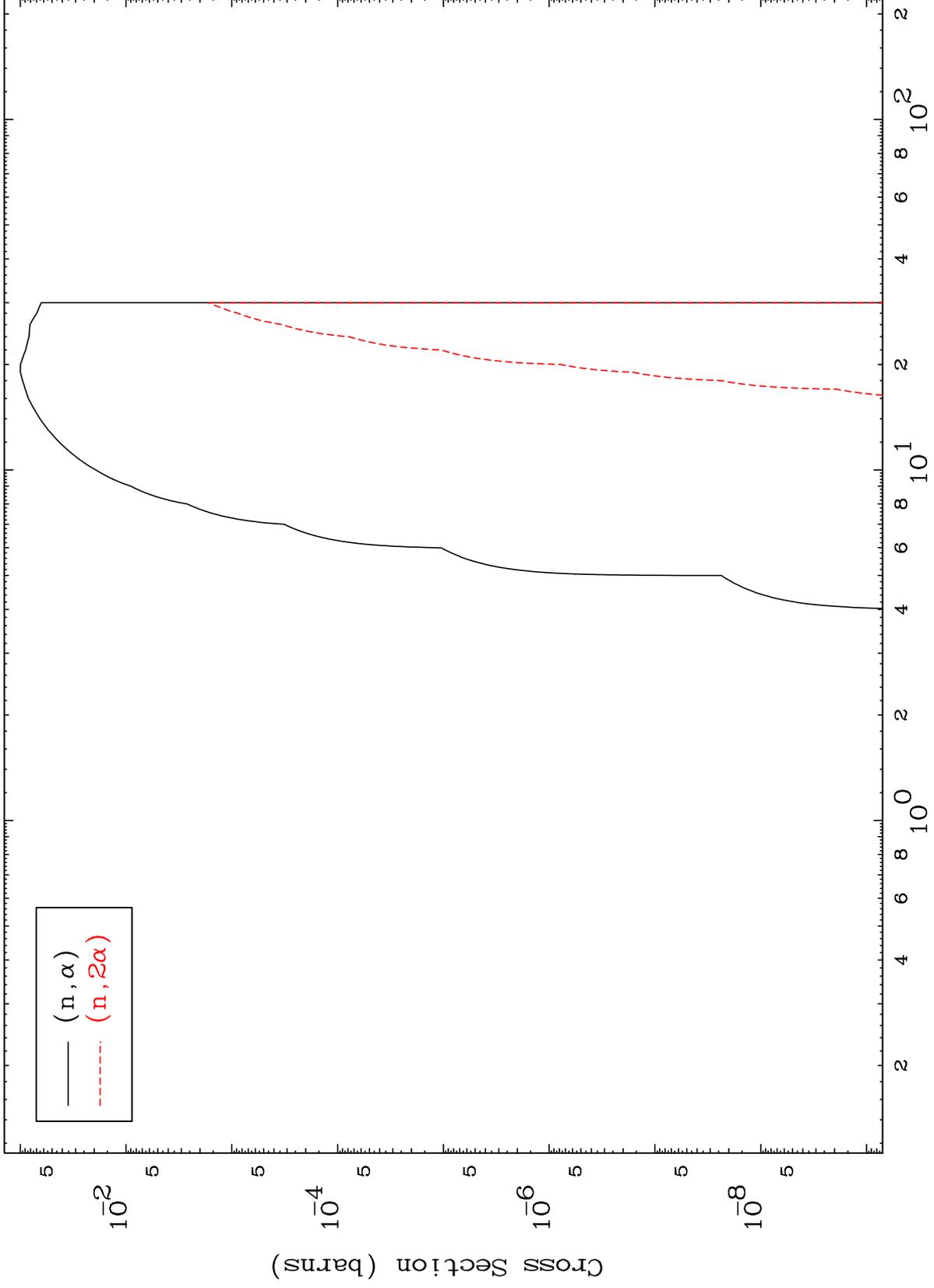
Incident Energy (MeV)

21-Sc-45

MAT 2125

(α, α) Levels
0 Kelvin Cross Sections

21-Sc-45

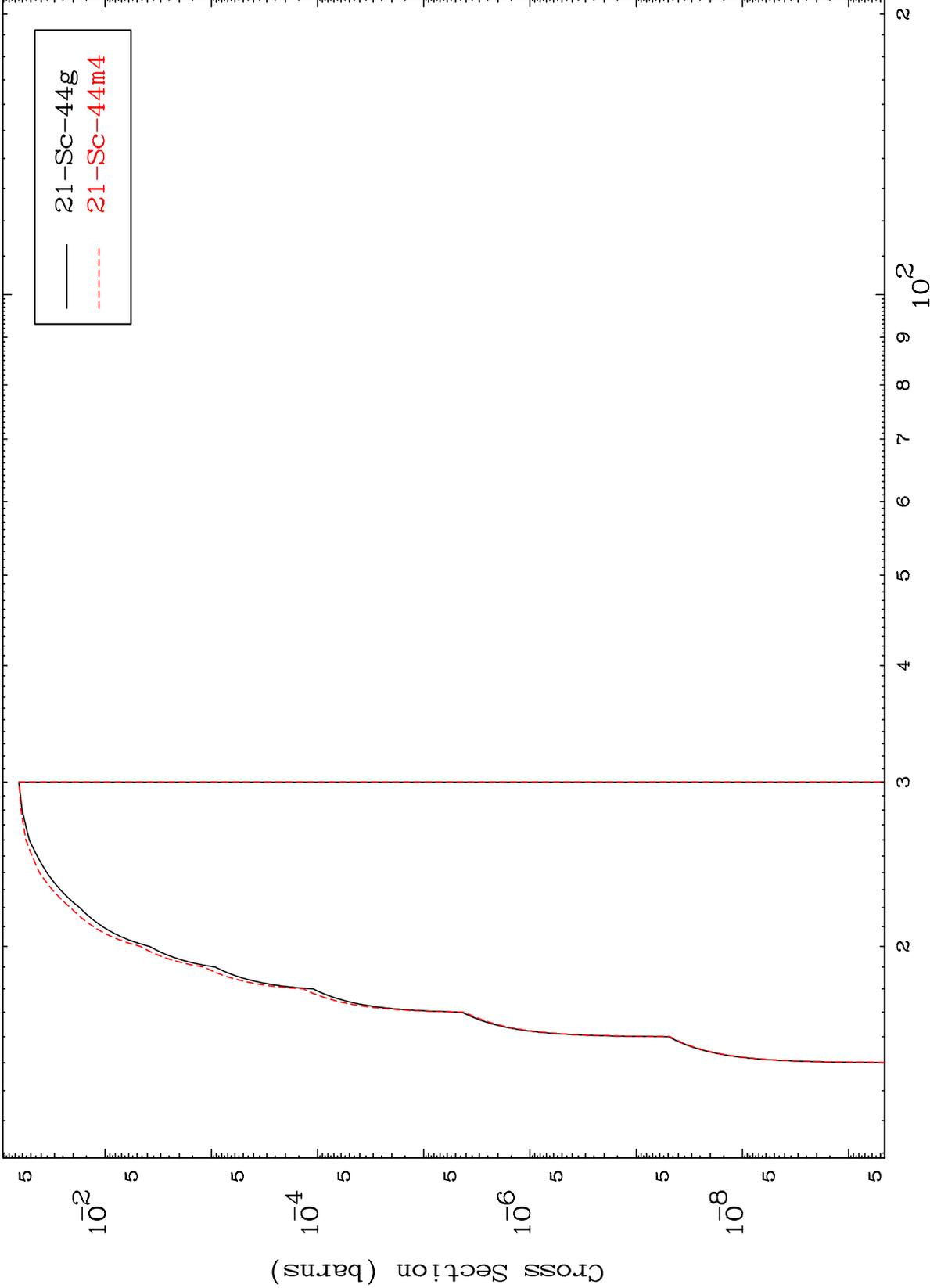


MAT 2125

(n, n') α

$^{21}\text{Sc-45}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

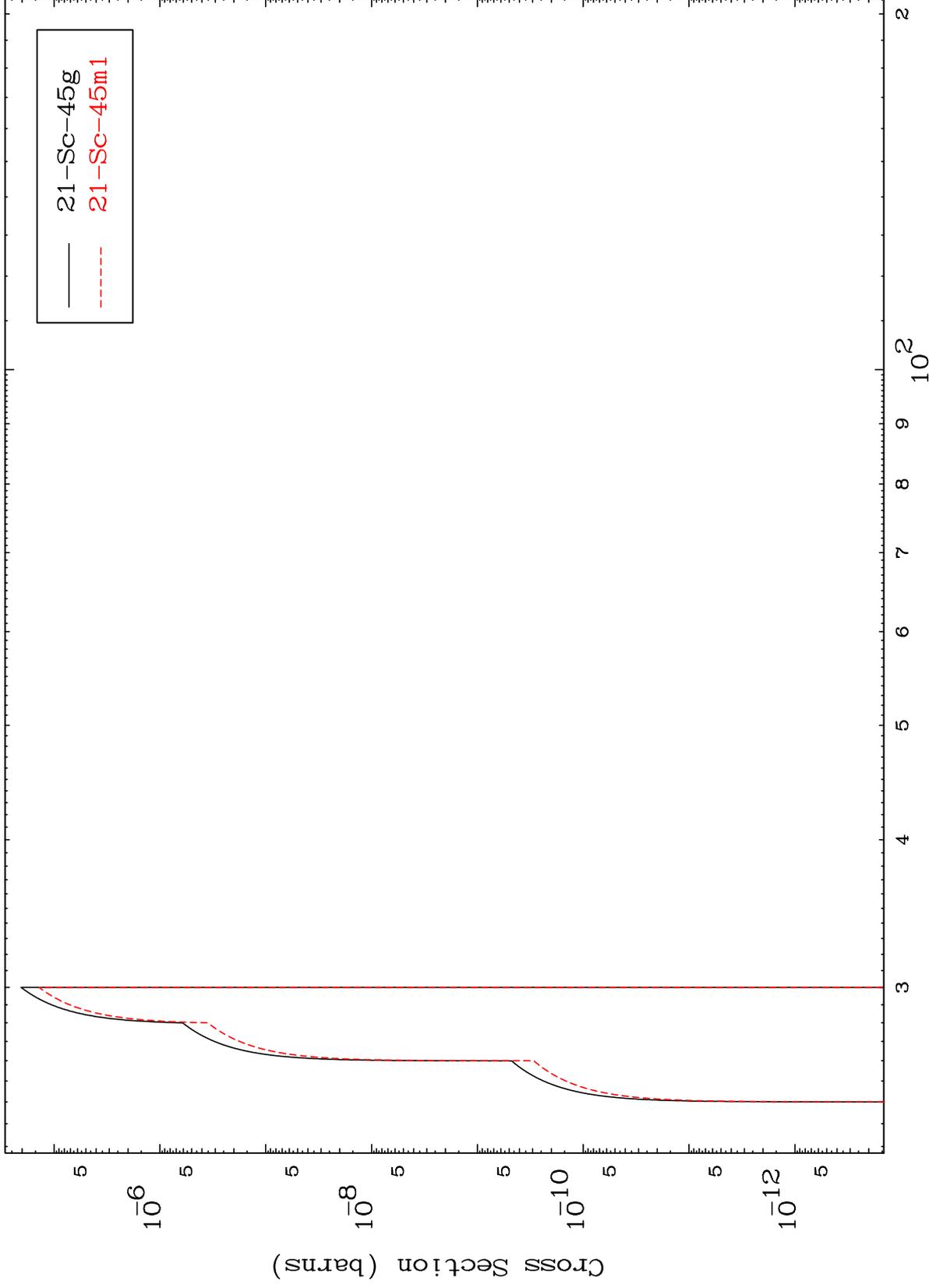
$^{21}\text{Sc-45}$

MAT 2125

(n,n') He-3

21-Sc-45

Radionuclide Production Cross Section



13

Incident Energy (MeV)

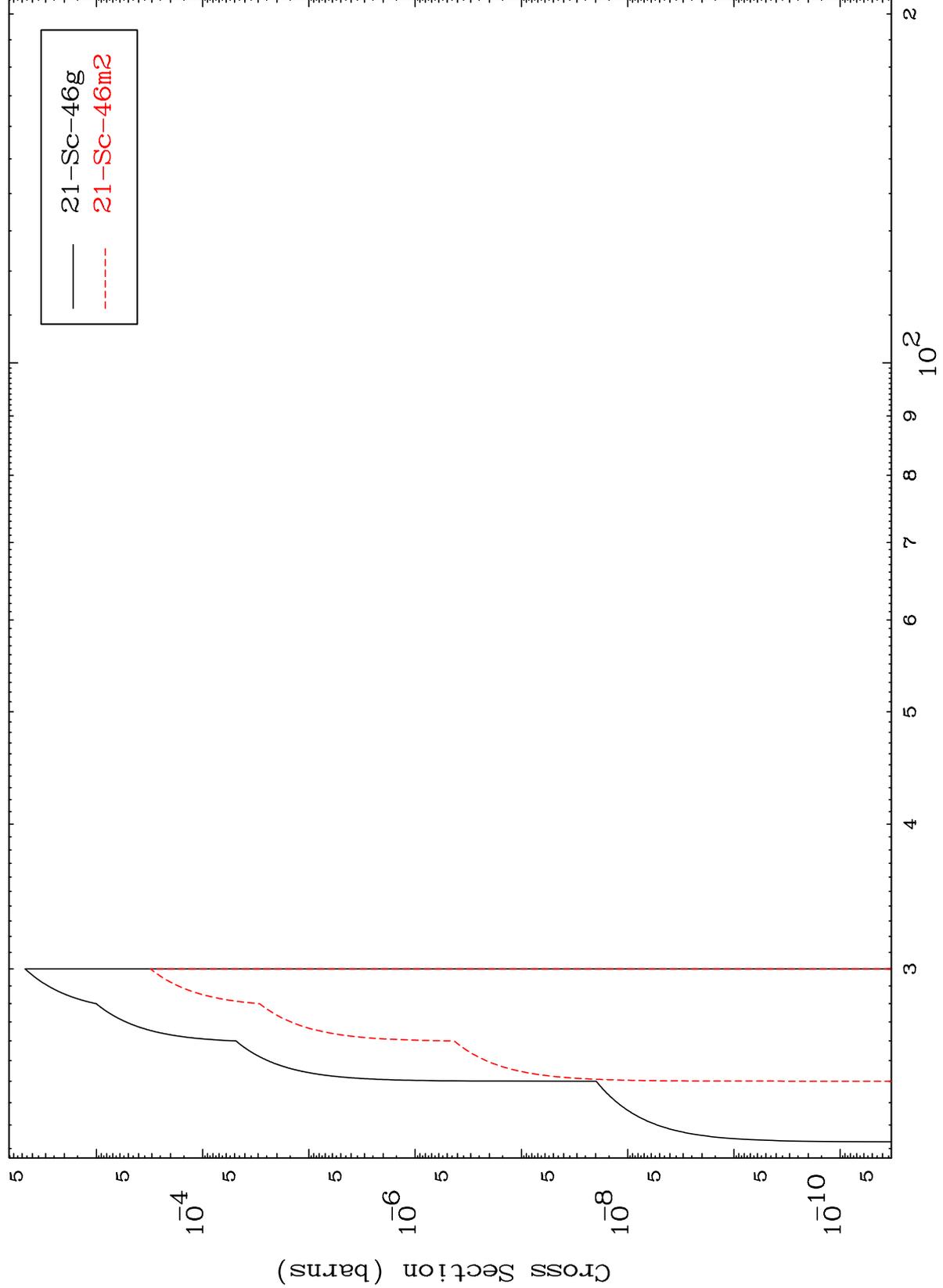
21-Sc-45

MAT 2125

(n,2n) p

21-Sc-45

Radionuclide Production Cross Section



14

Incident Energy (MeV)

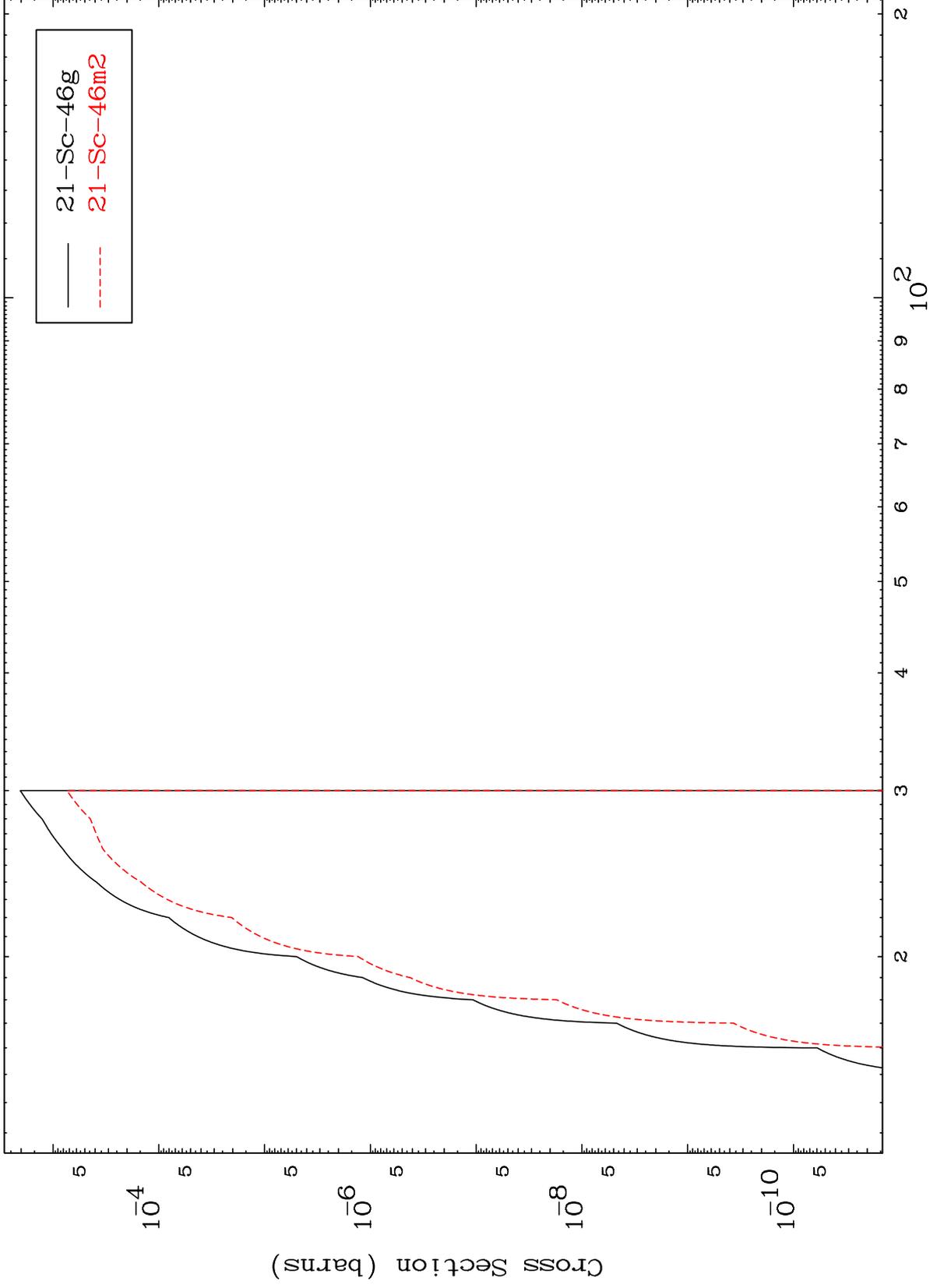
21-Sc-45

MAT 2125

(n,He-3)

21-Sc-45

Radionuclide Production Cross Section



15

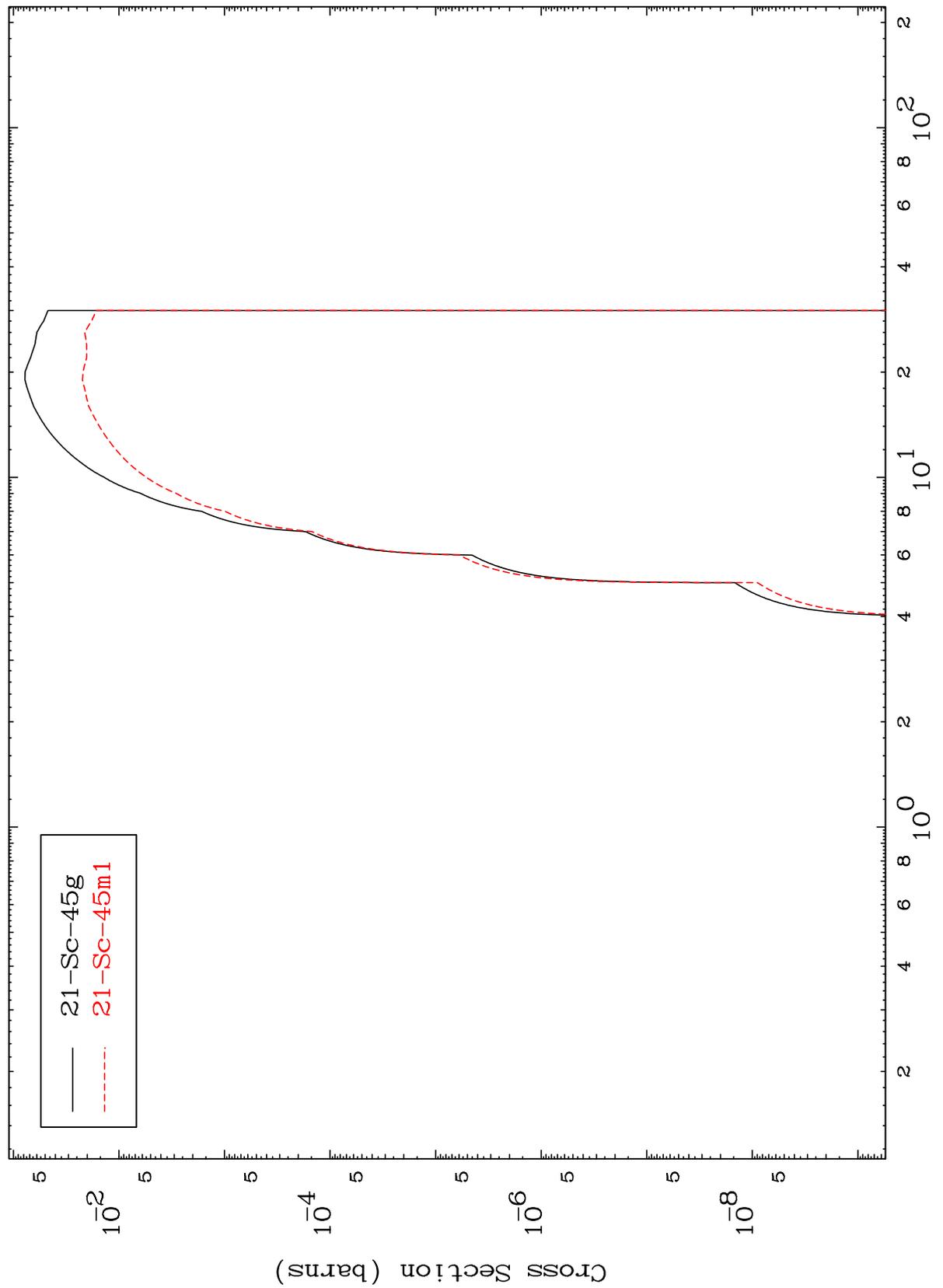
Incident Energy (MeV)

21-Sc-45

MAT 2125

21-Sc-45

(n, α)
Radionuclide Production Cross Section



— 21-Sc-45g
- - - 21-Sc-45m1

21-Sc-45

Incident Energy (MeV)

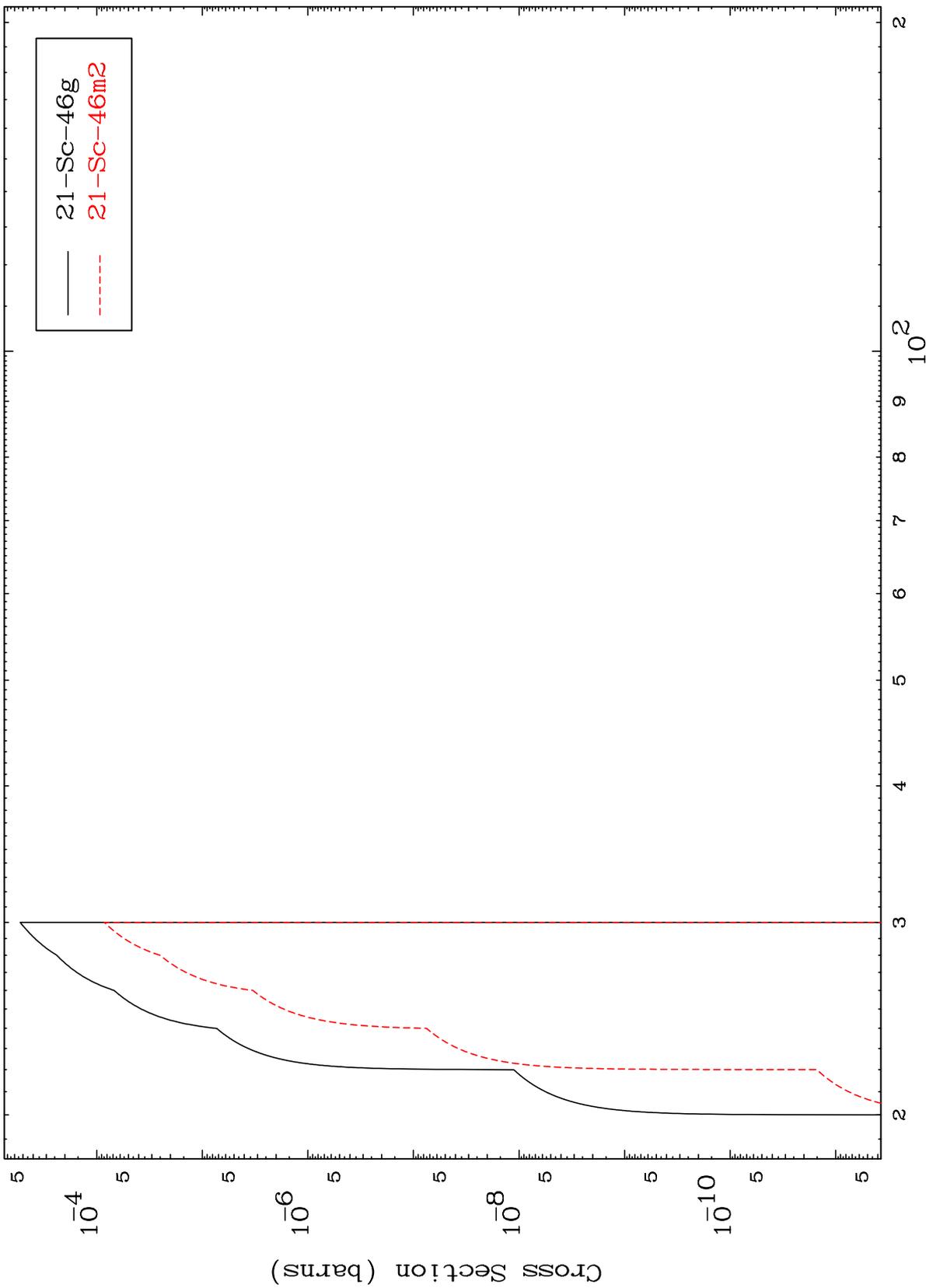
16

MAT 2125

(n,p) d

²¹Sc-45

Radionuclide Production Cross Section



17

Incident Energy (MeV)

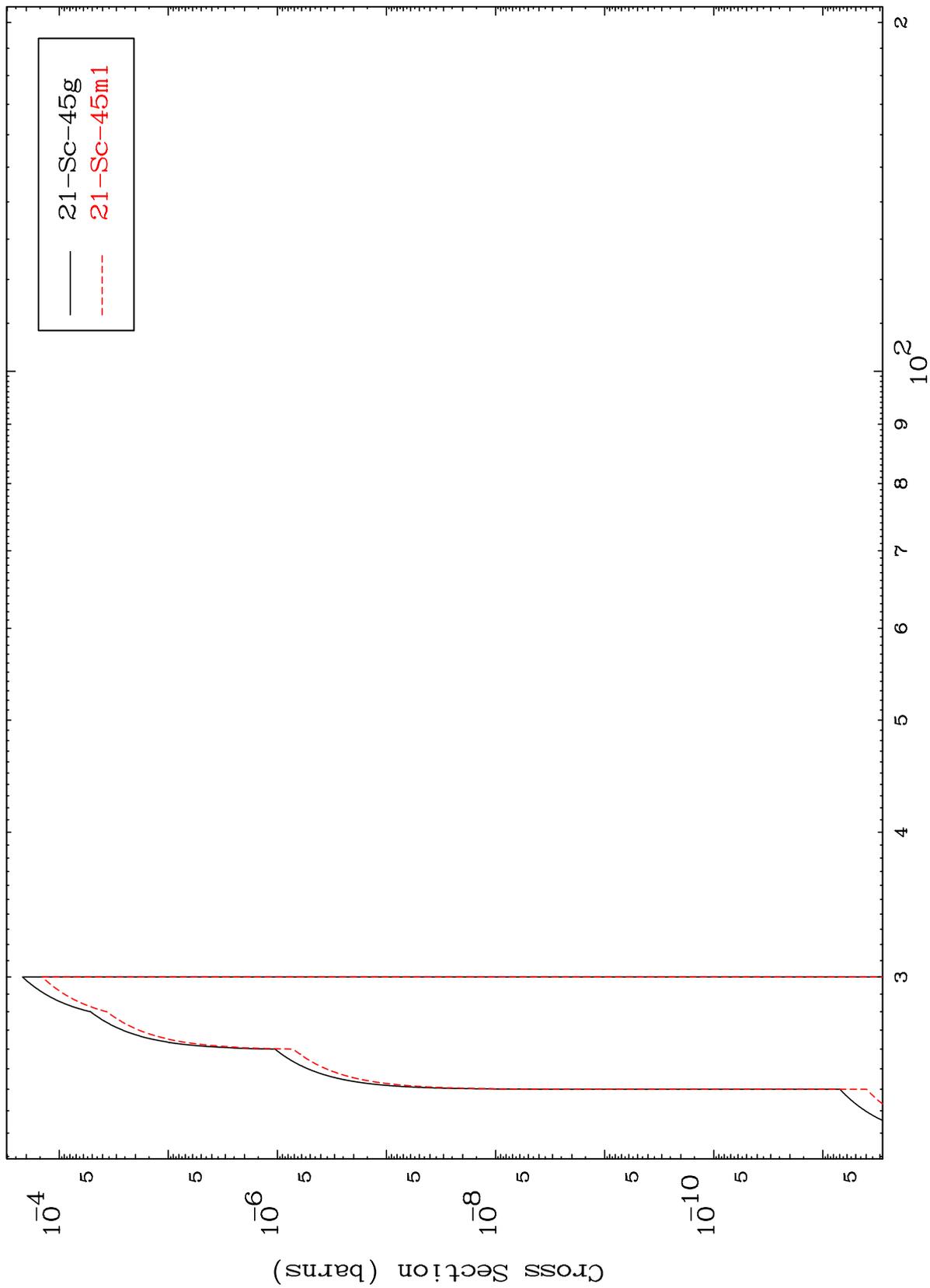
²¹Sc-45

MAT 2125

(n,p) t

²¹Sc-45

Radionuclide Production Cross Section



18

Incident Energy (MeV)

²¹Sc-45