

Program EVALPLOT
(Version 2021-1)

by

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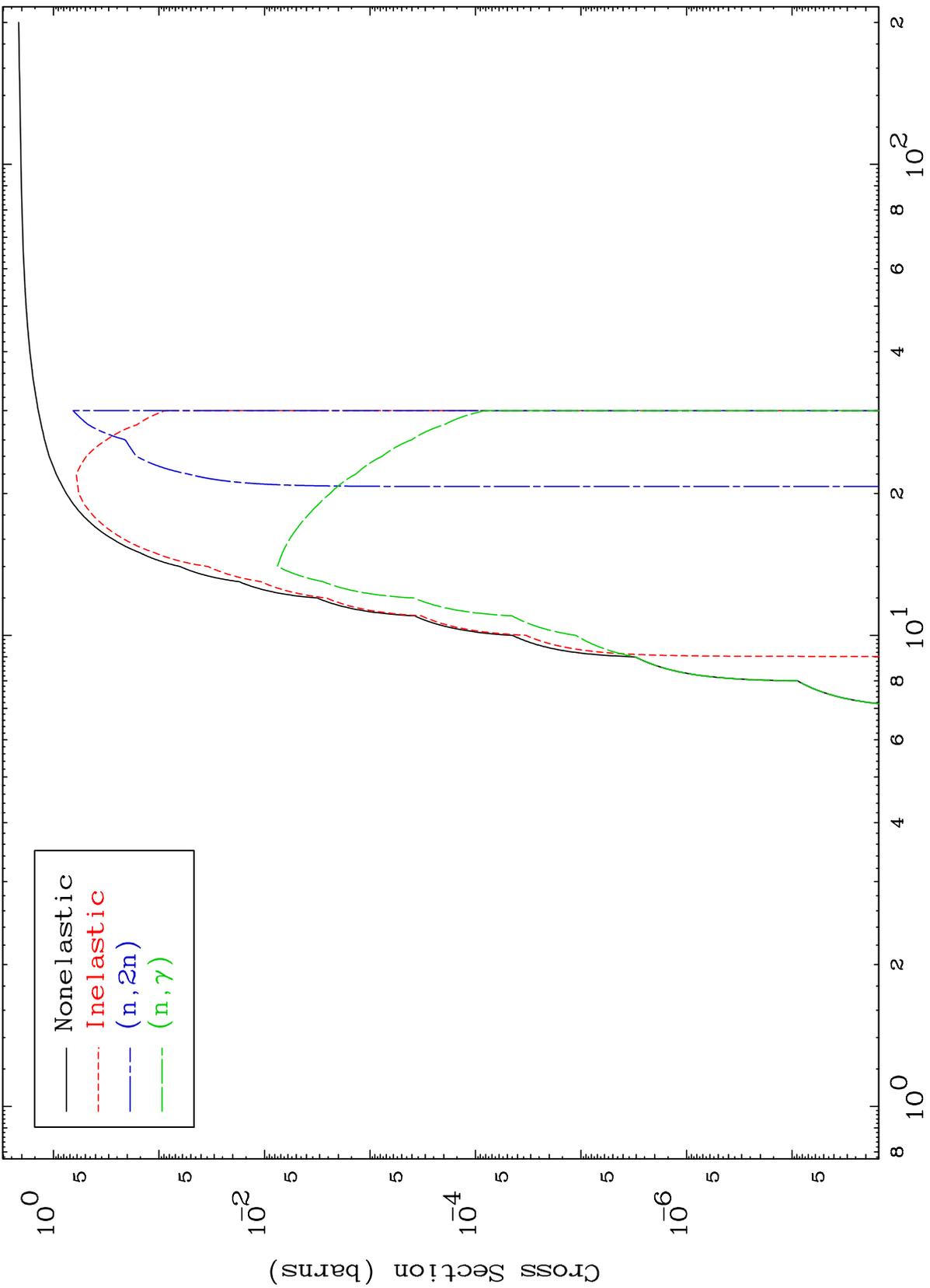
Press Mouse Button to Start

MAT 5028

α Major

50-Sn-113

0 Kelvin Cross Sections



Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

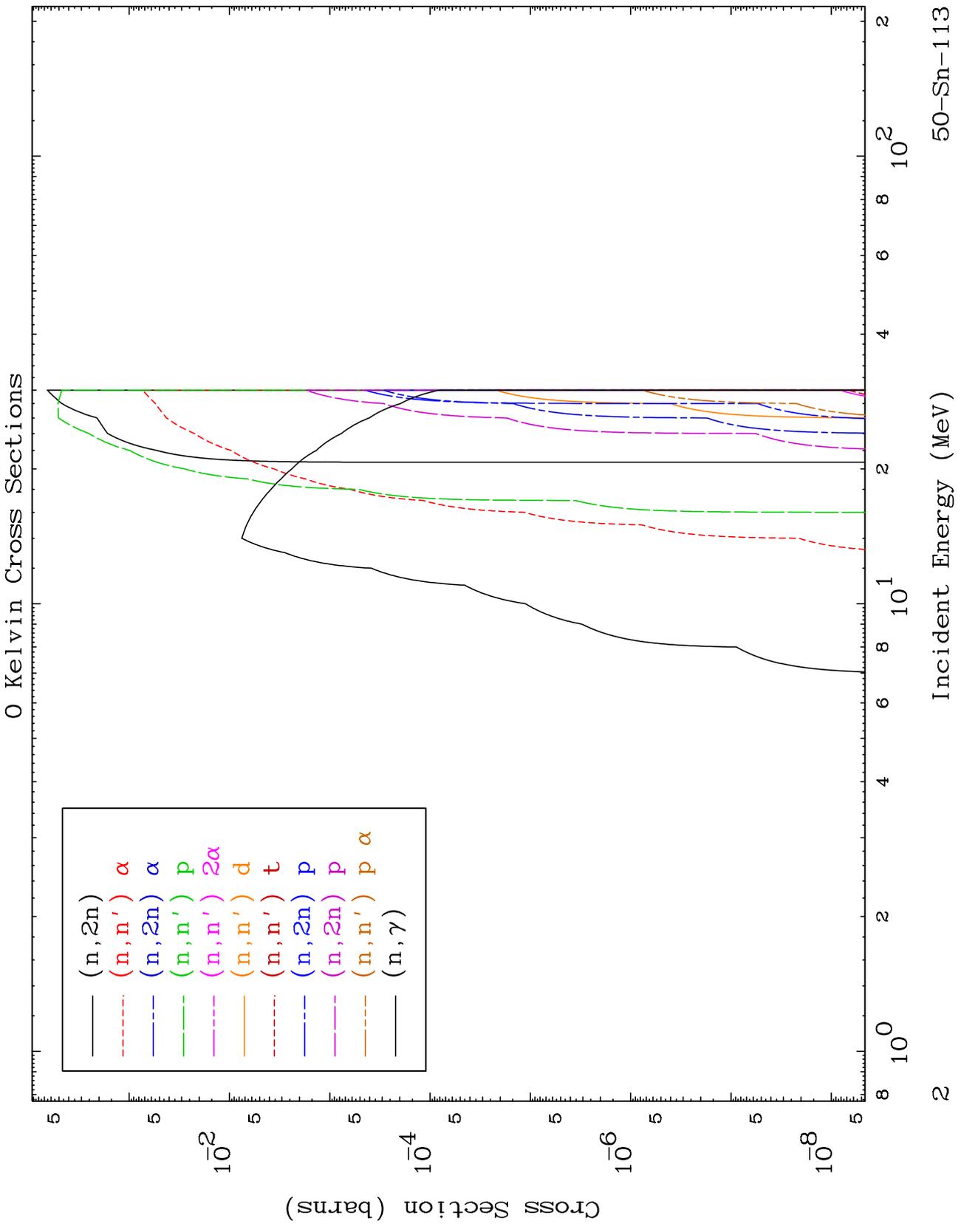
Incident Energy (MeV)

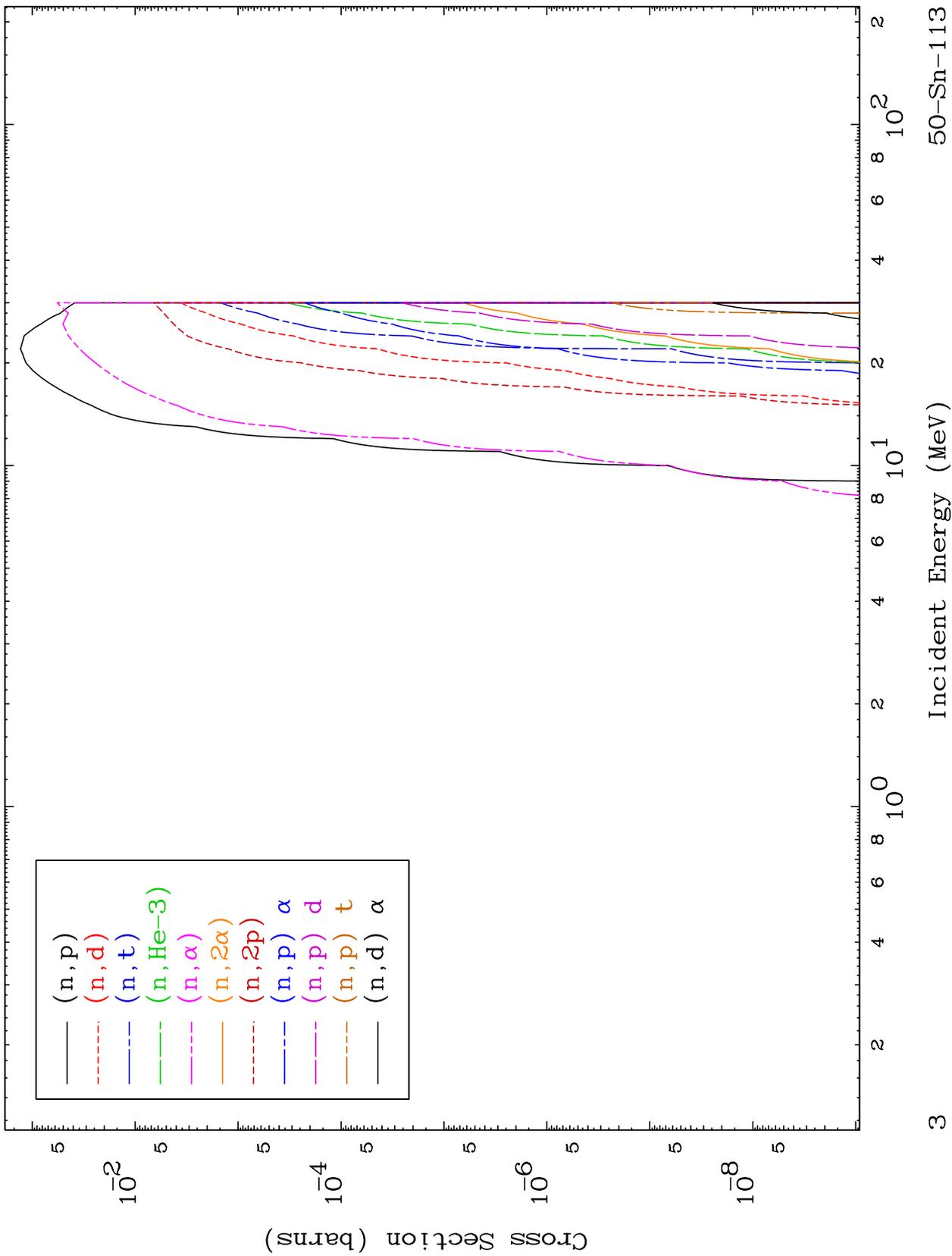
50-Sn-113

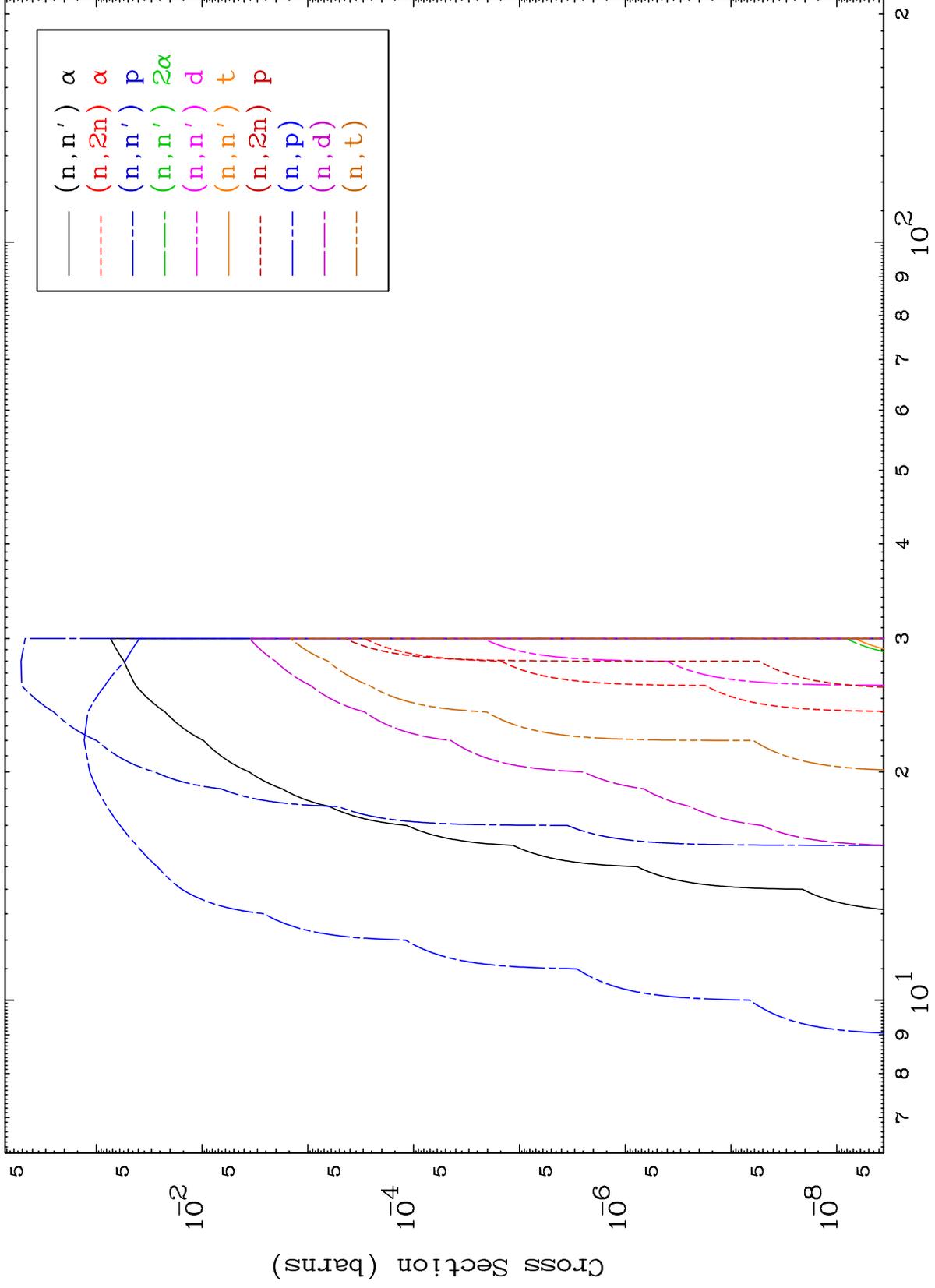
MAT 5028

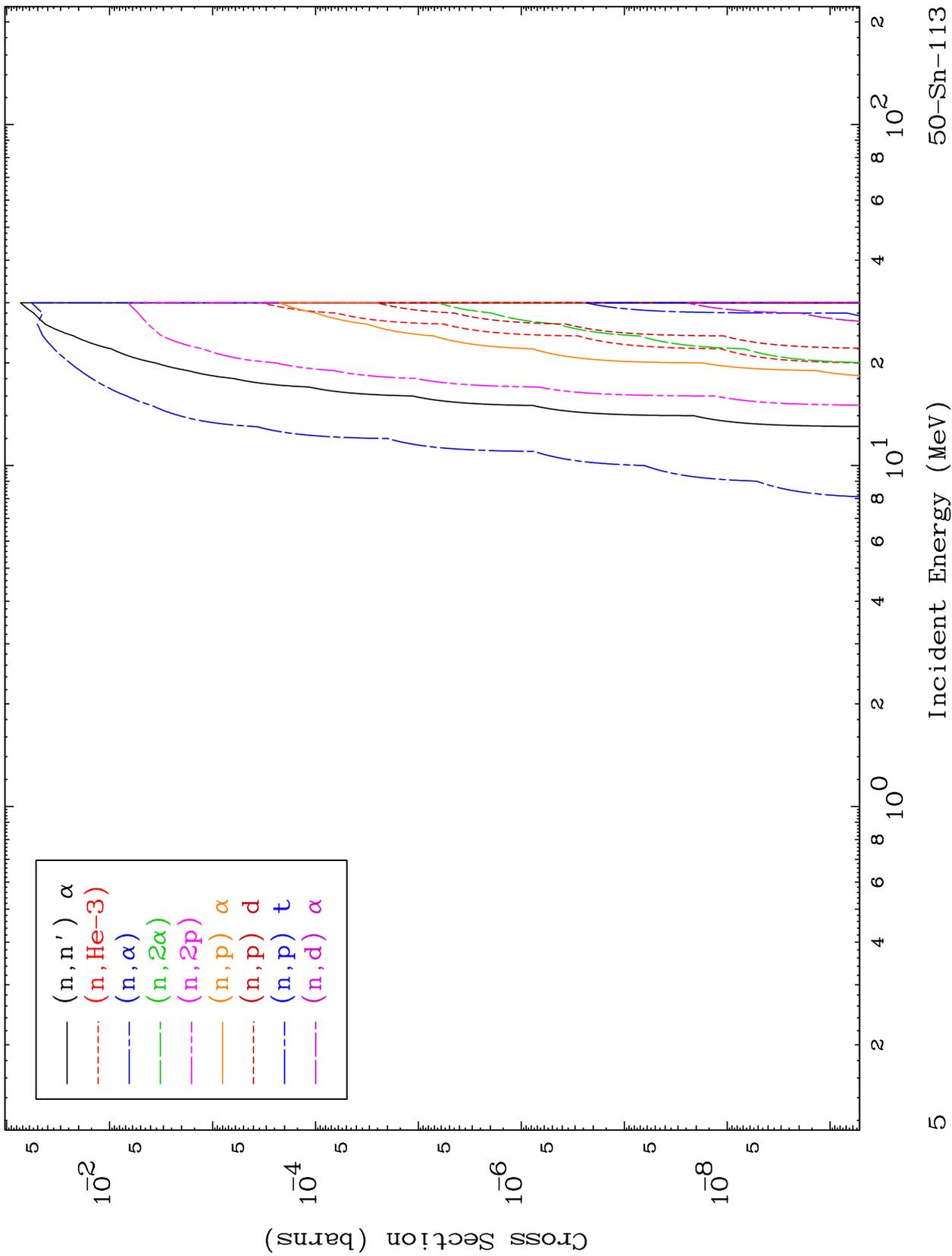
α Neutron Absorption

50-Sn-113





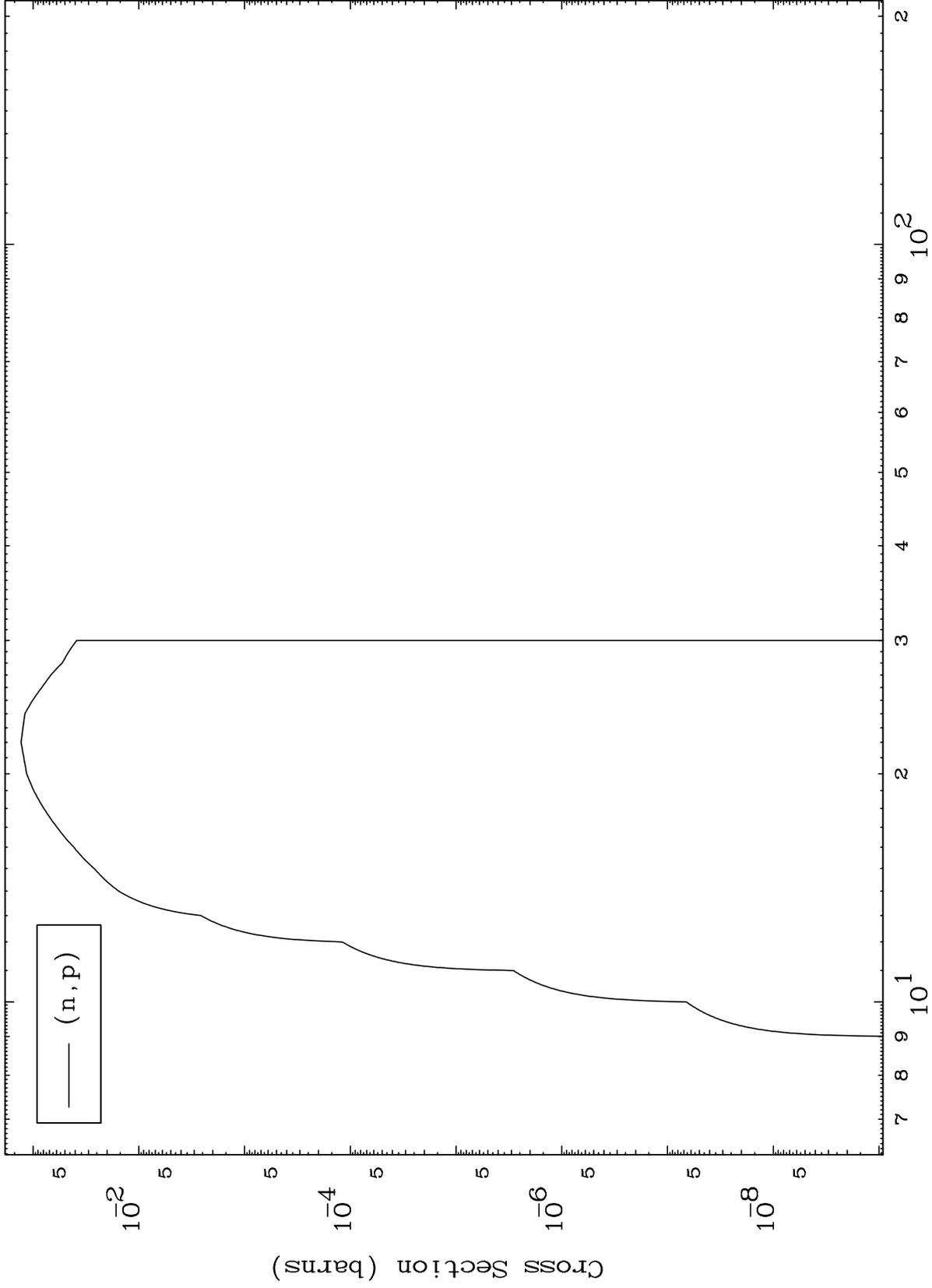




MAT 5028

50-Sn-113

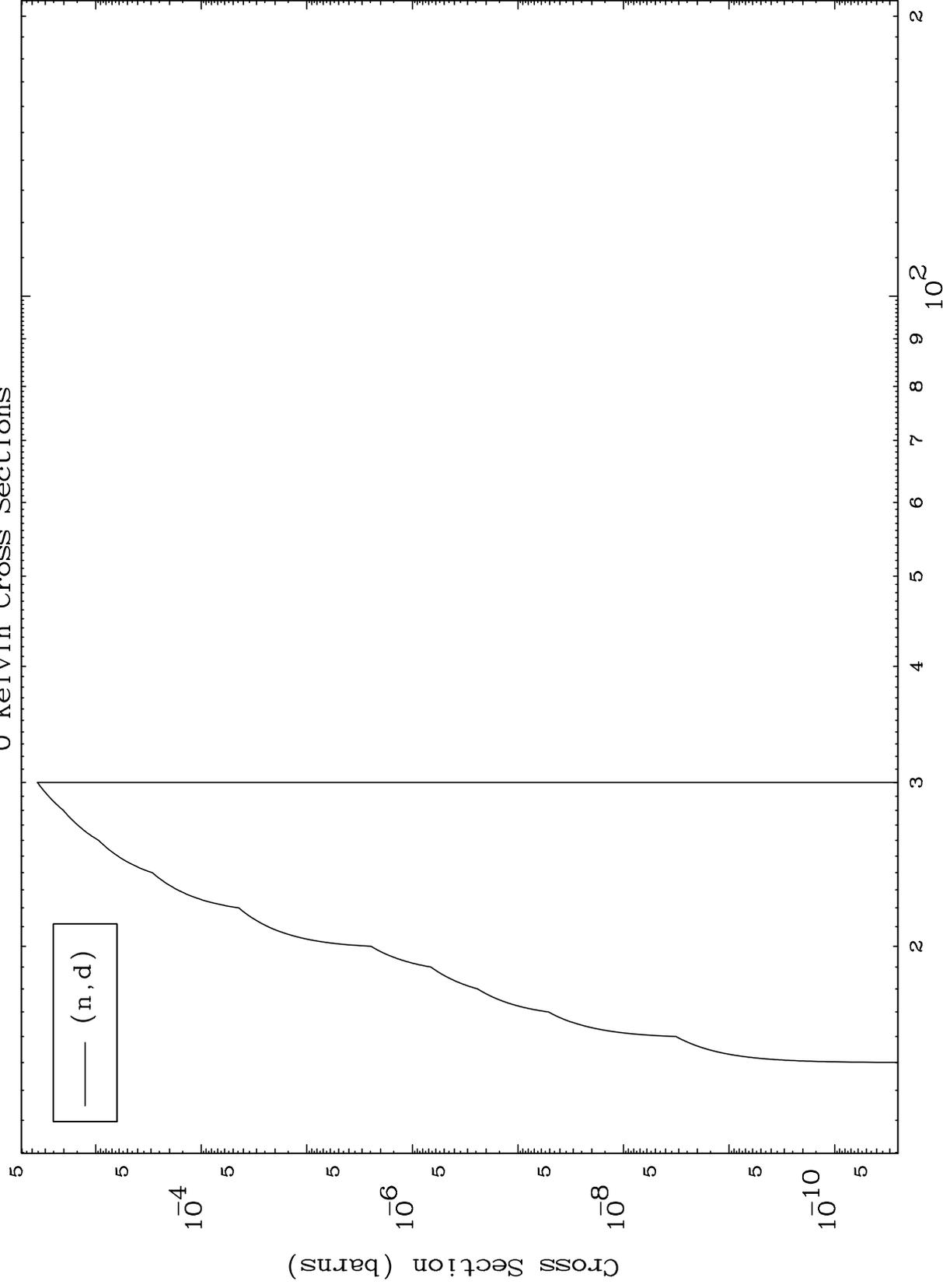
(α, p) Levels
0 Kelvin Cross Sections

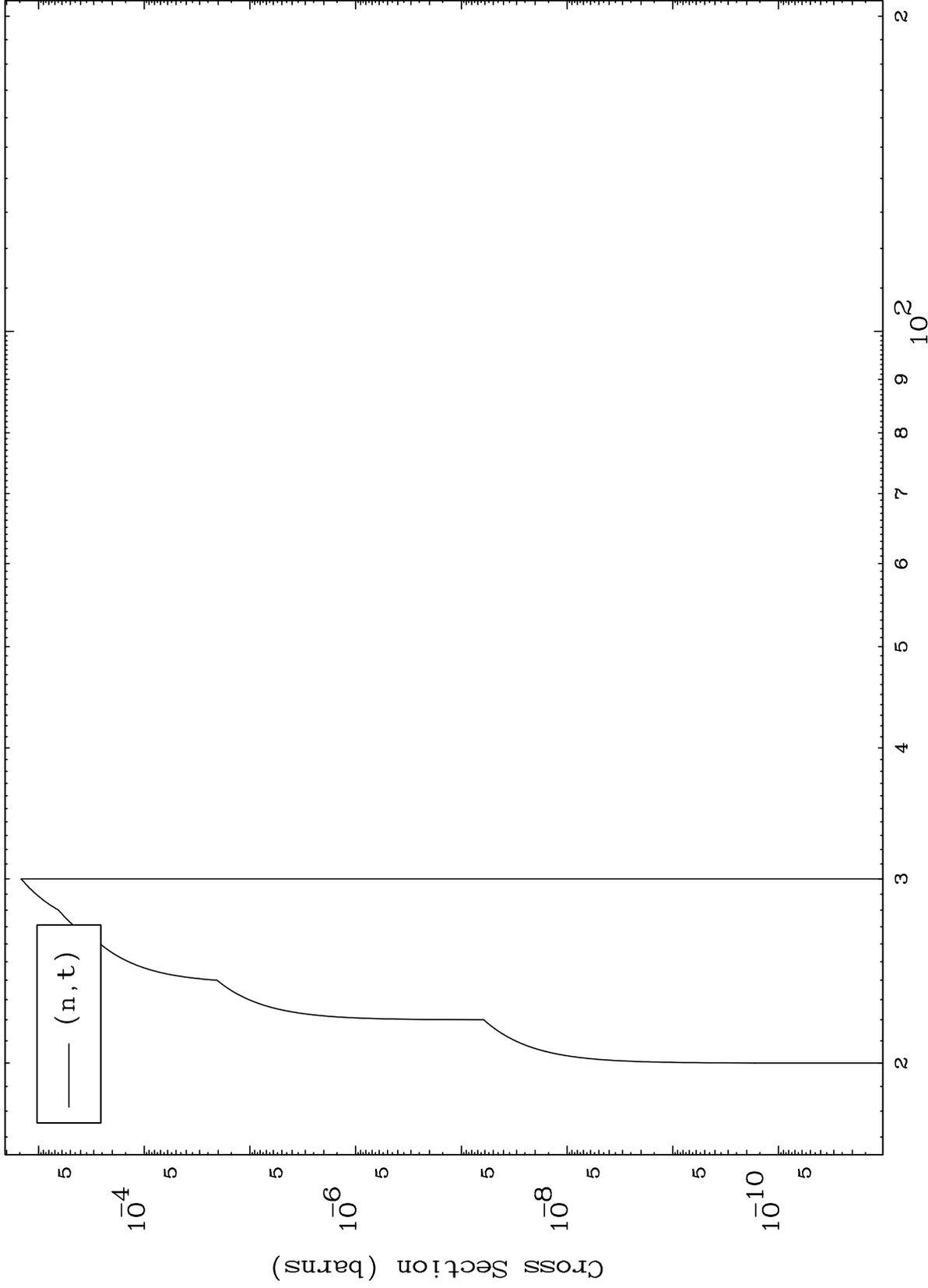


6

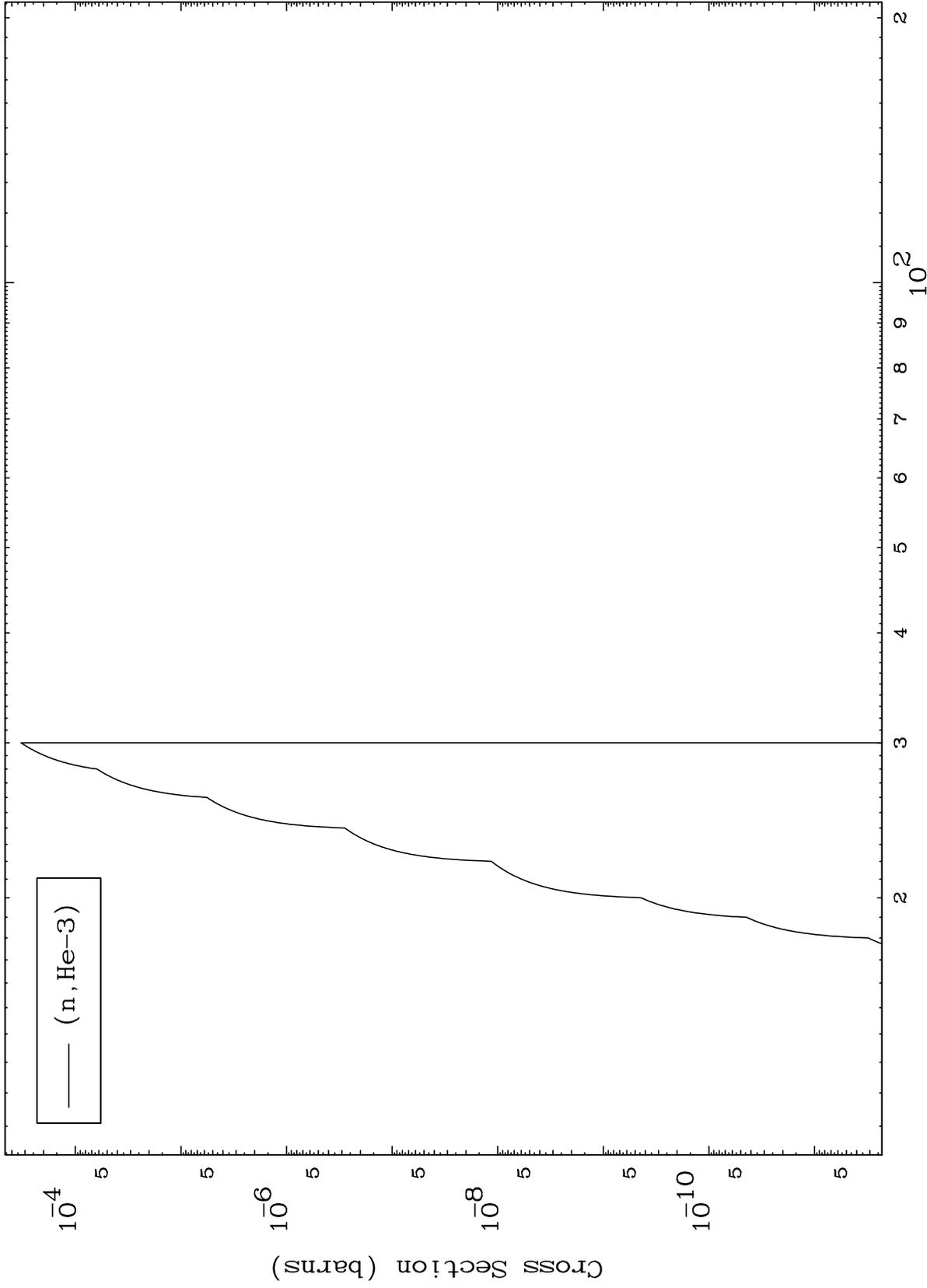
50-Sn-113

(α, d) Levels
0 Kelvin Cross Sections





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

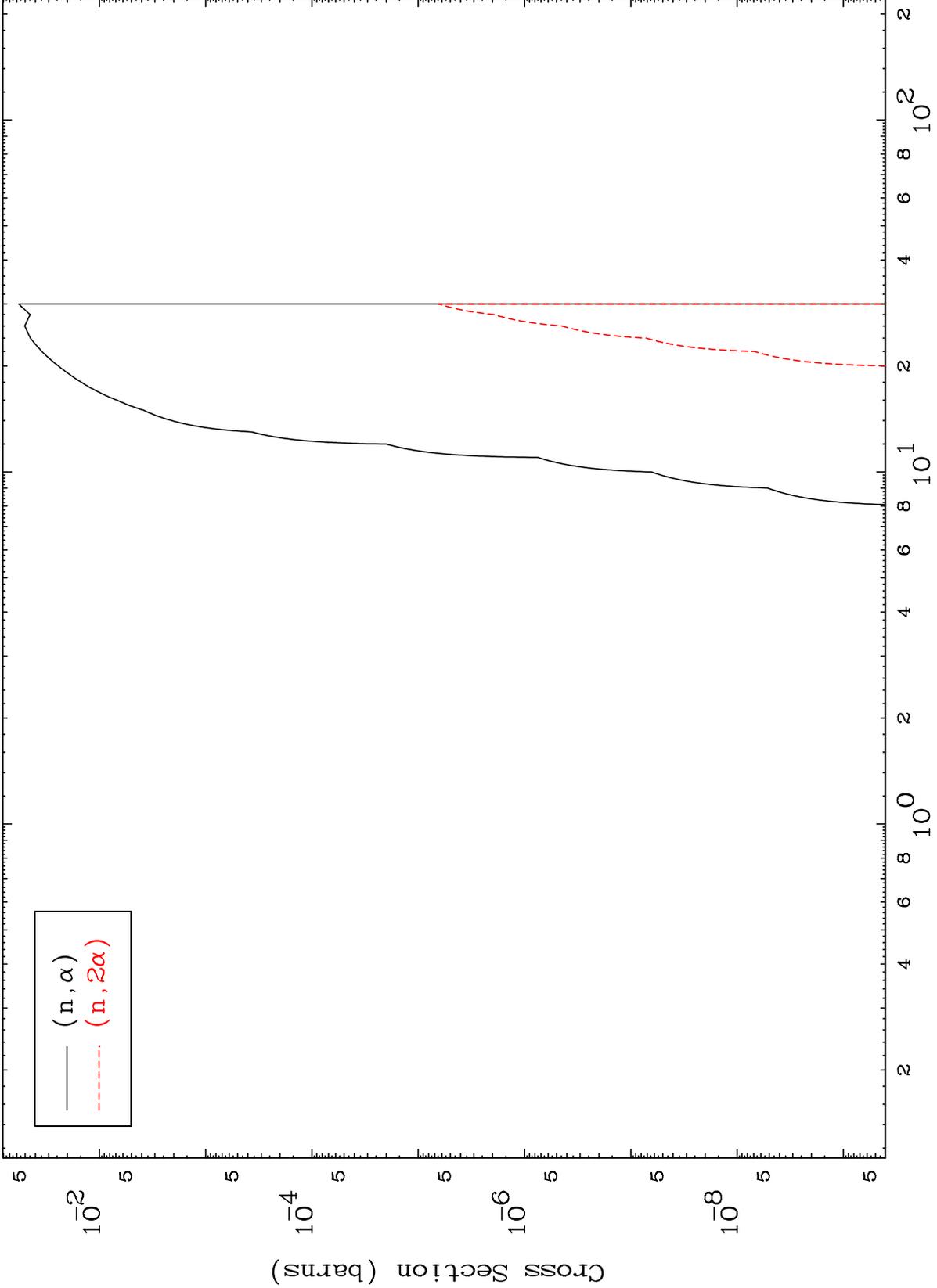


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(α, α) Levels

50-Sn-113

0 Kelvin Cross Sections



10

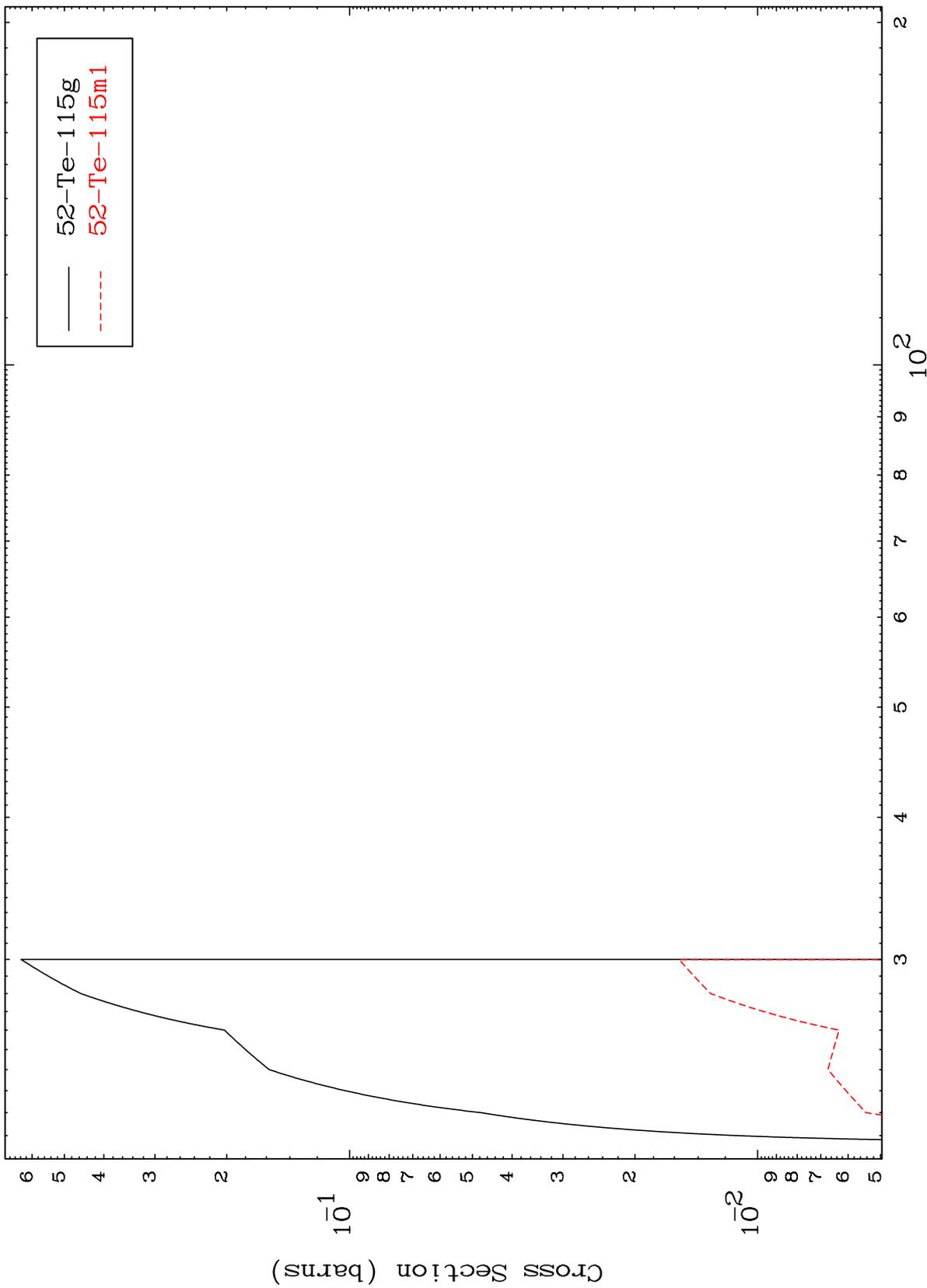
Incident Energy (MeV)

50-Sn-113

MAT 5028

50-Sn-113

(n,2n)
Radionuclide Production Cross Section



50-Sn-113

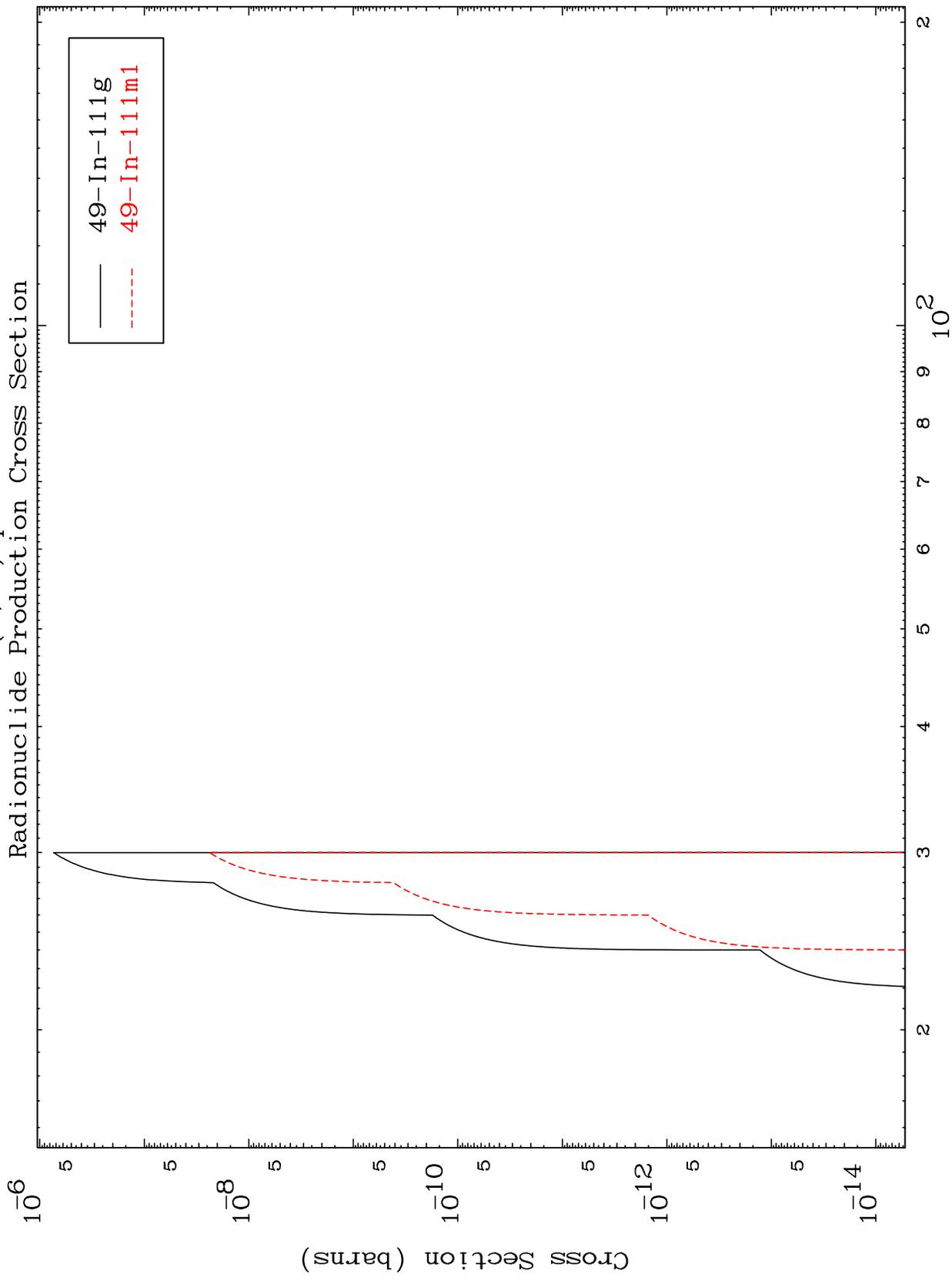
Incident Energy (MeV)

11

MAT 5028

(n,n') p α

50-Sn-113



12

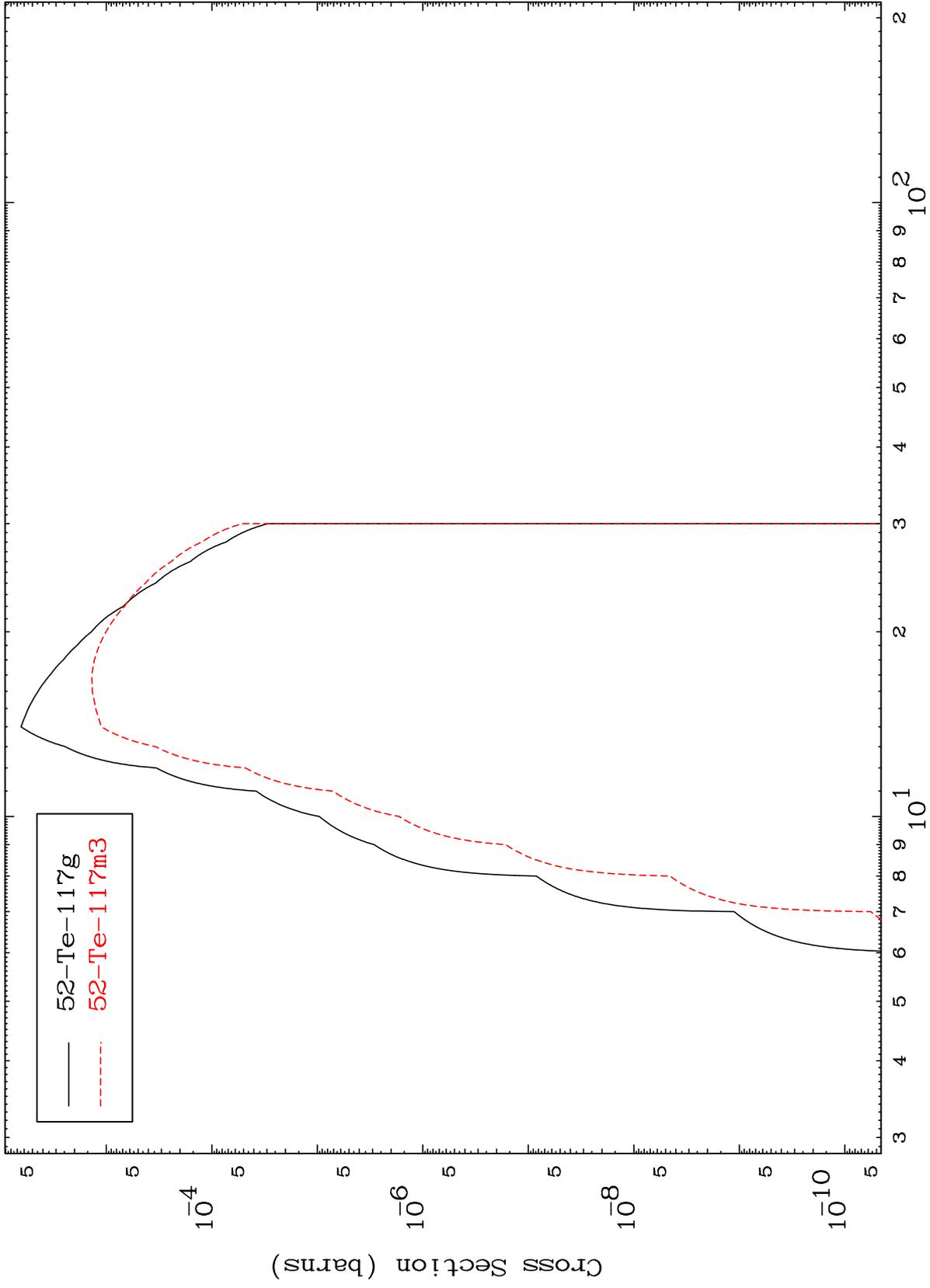
Incident Energy (MeV)

50-Sn-113

MAT 5028

50-Sn-113

(n,γ)
Radionuclide Production Cross Section



— 52-Te-117g
- - - 52-Te-117m3

50-Sn-113

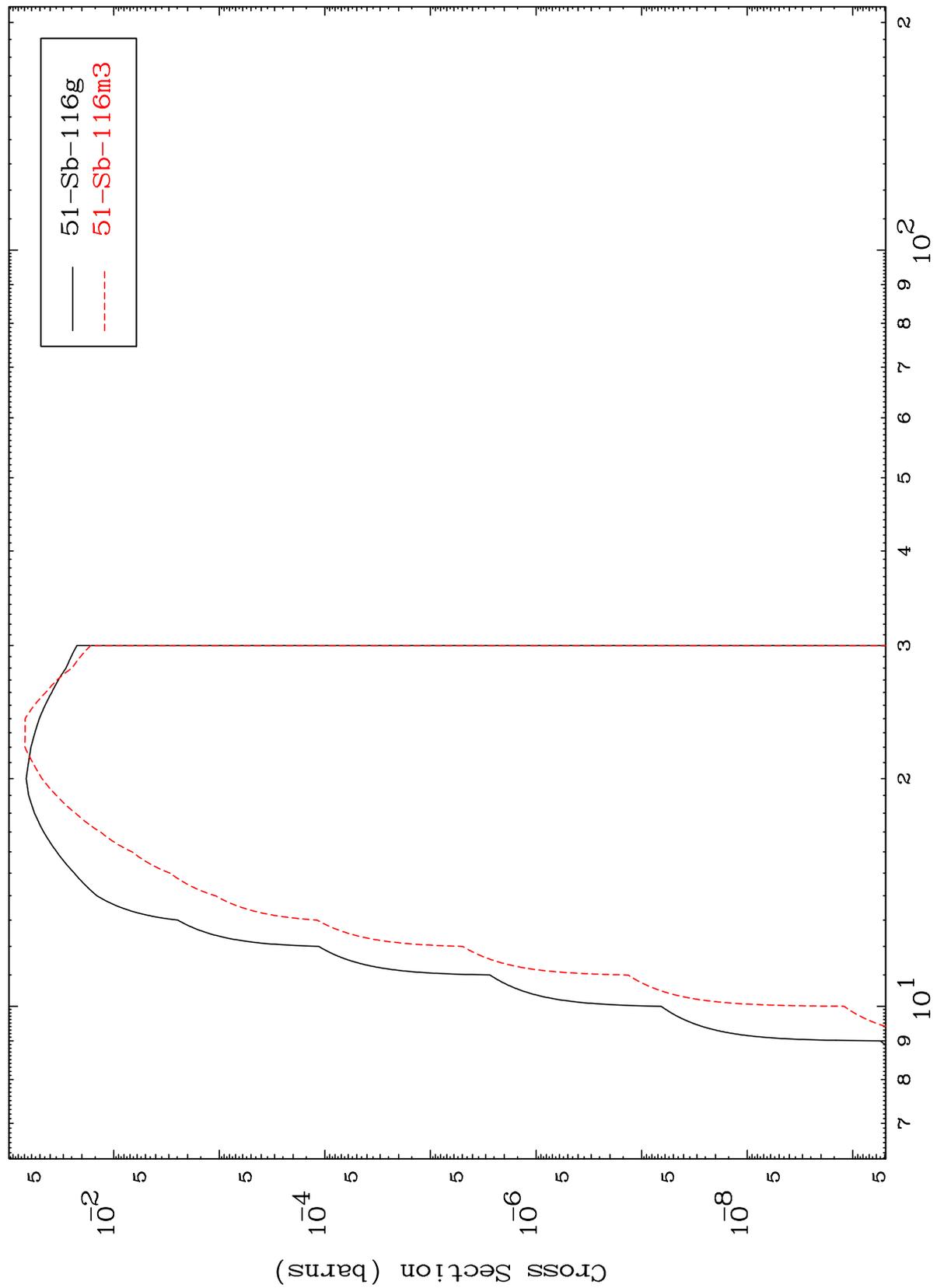
Incident Energy (MeV)

13

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50-Sn-113

(n,p)
Radionuclide Production Cross Section



50-Sn-113

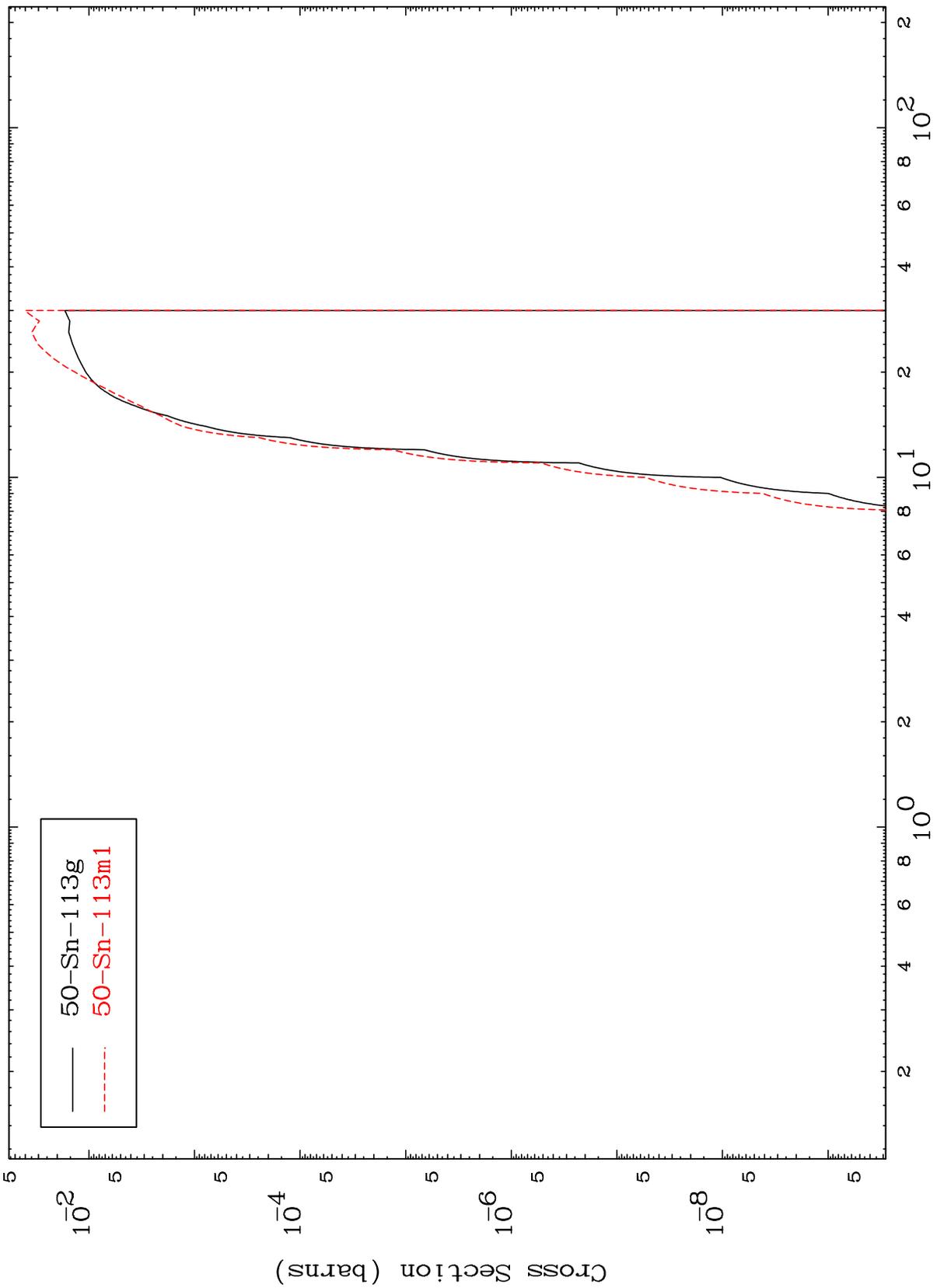
Incident Energy (MeV)

14

MAT 5028

50-Sn-113

(n, α)
Radionuclide Production Cross Section



50-Sn-113

Incident Energy (MeV)

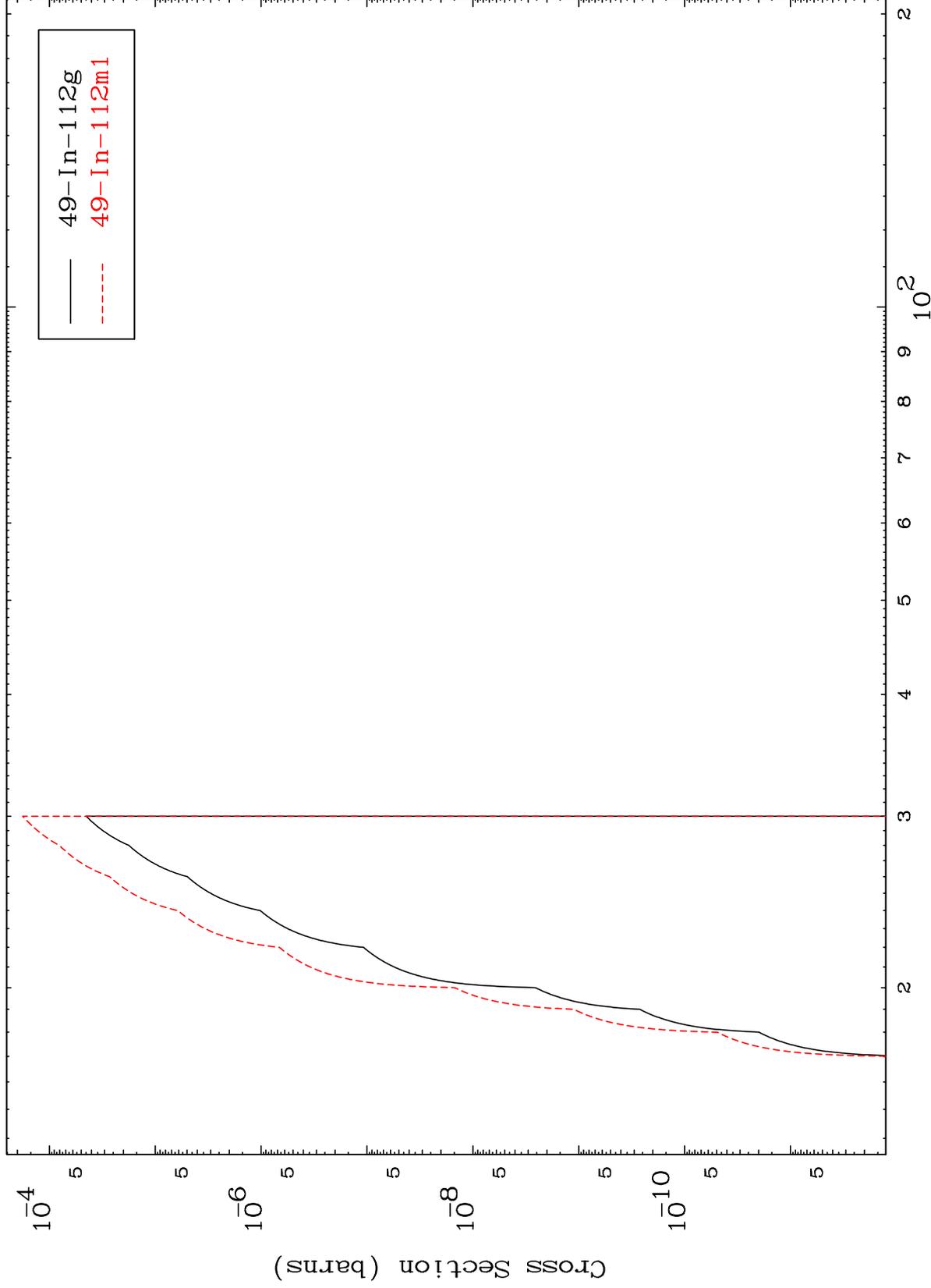
15

MAT 5028

(n,p) α

50-Sn-113

Radionuclide Production Cross Section



16

Incident Energy (MeV)

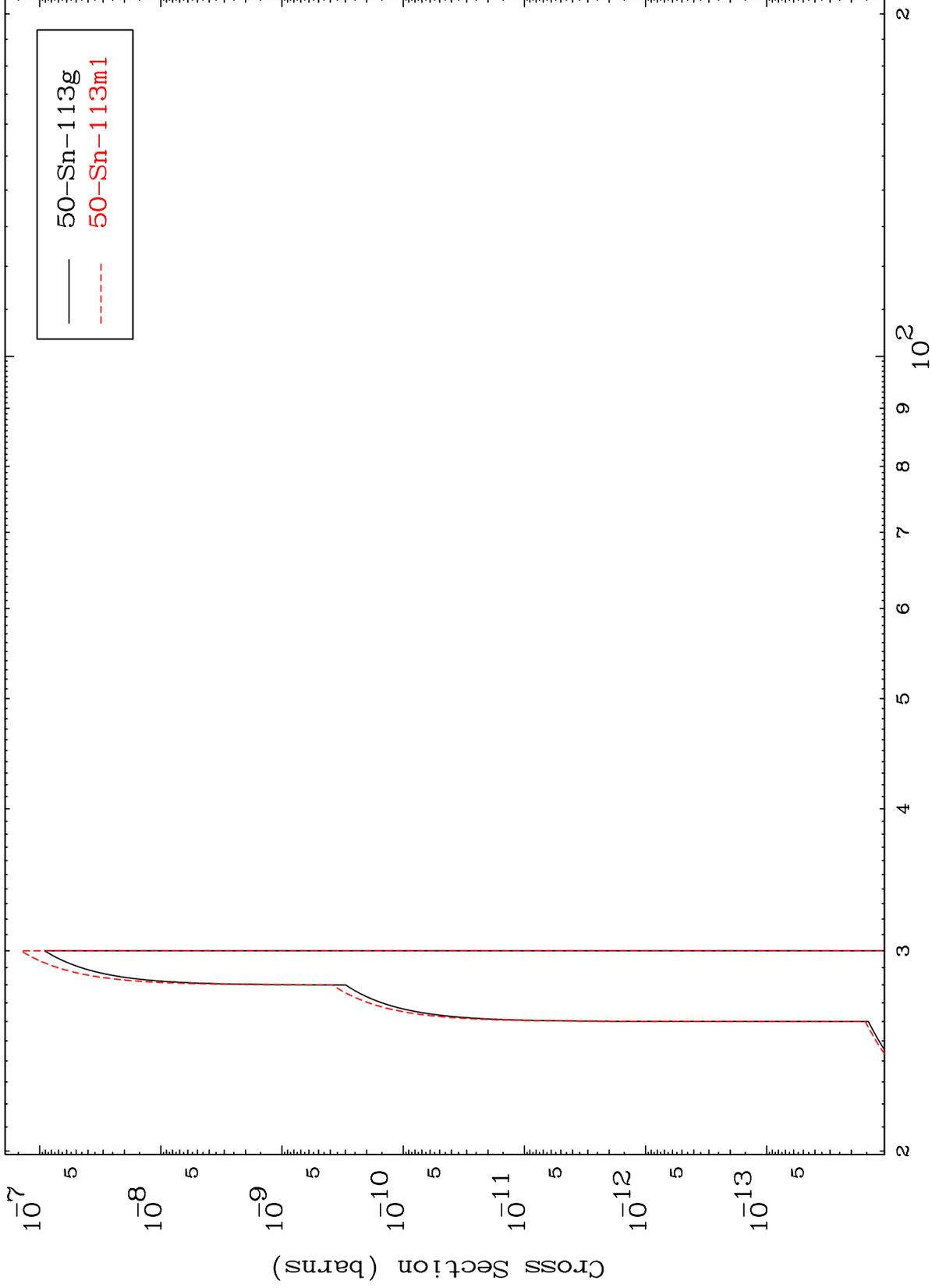
50-Sn-113

MAT 5028

(n,p) t

50-Sn-113

Radionuclide Production Cross Section



17

Incident Energy (MeV)

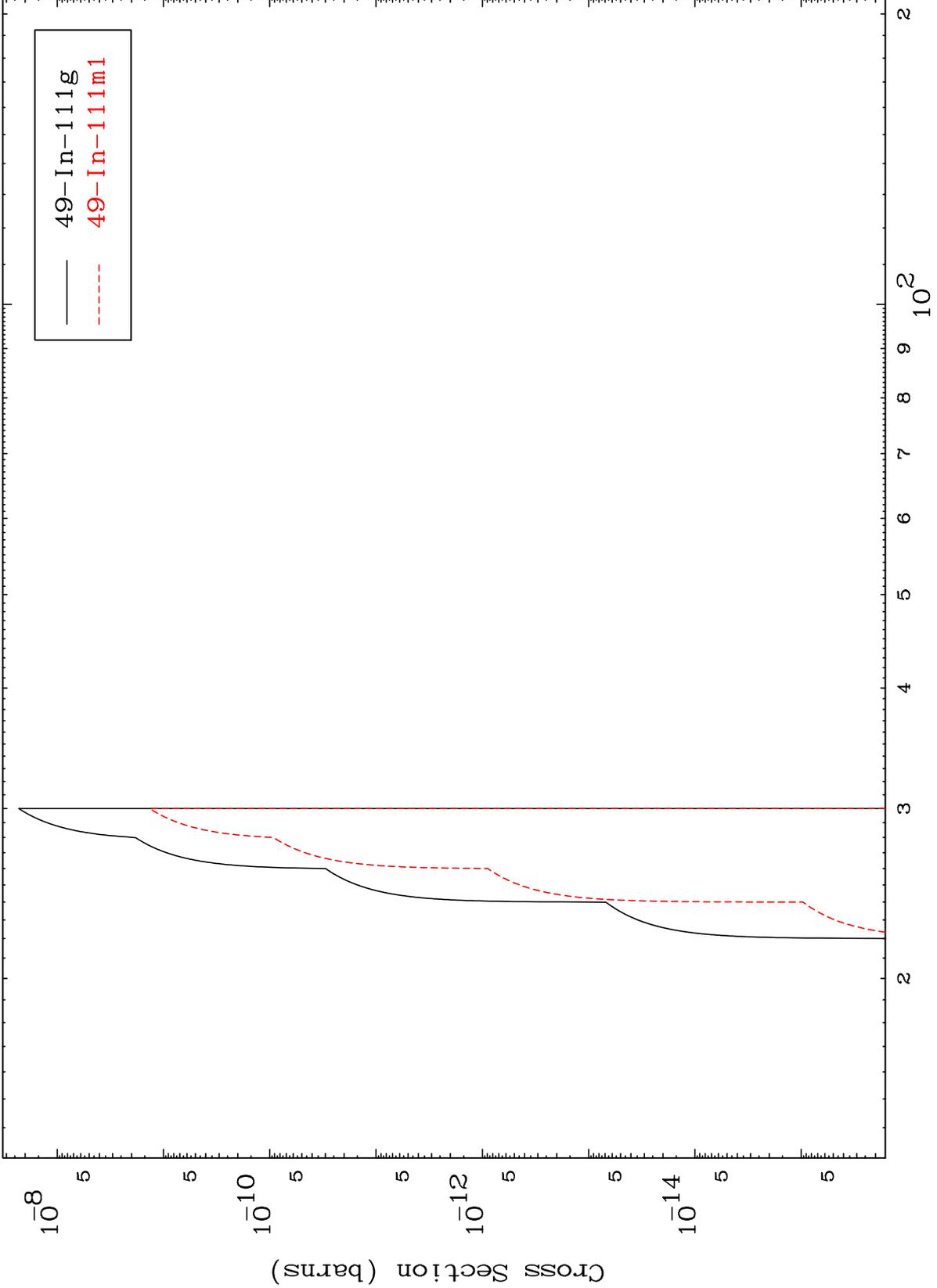
50-Sn-113

MAT 5028

(n,d) α

50-Sn-113

Radionuclide Production Cross Section



18

Incident Energy (MeV)

50-Sn-113