

Program EVALPLOT
(Version 2021-1)

by

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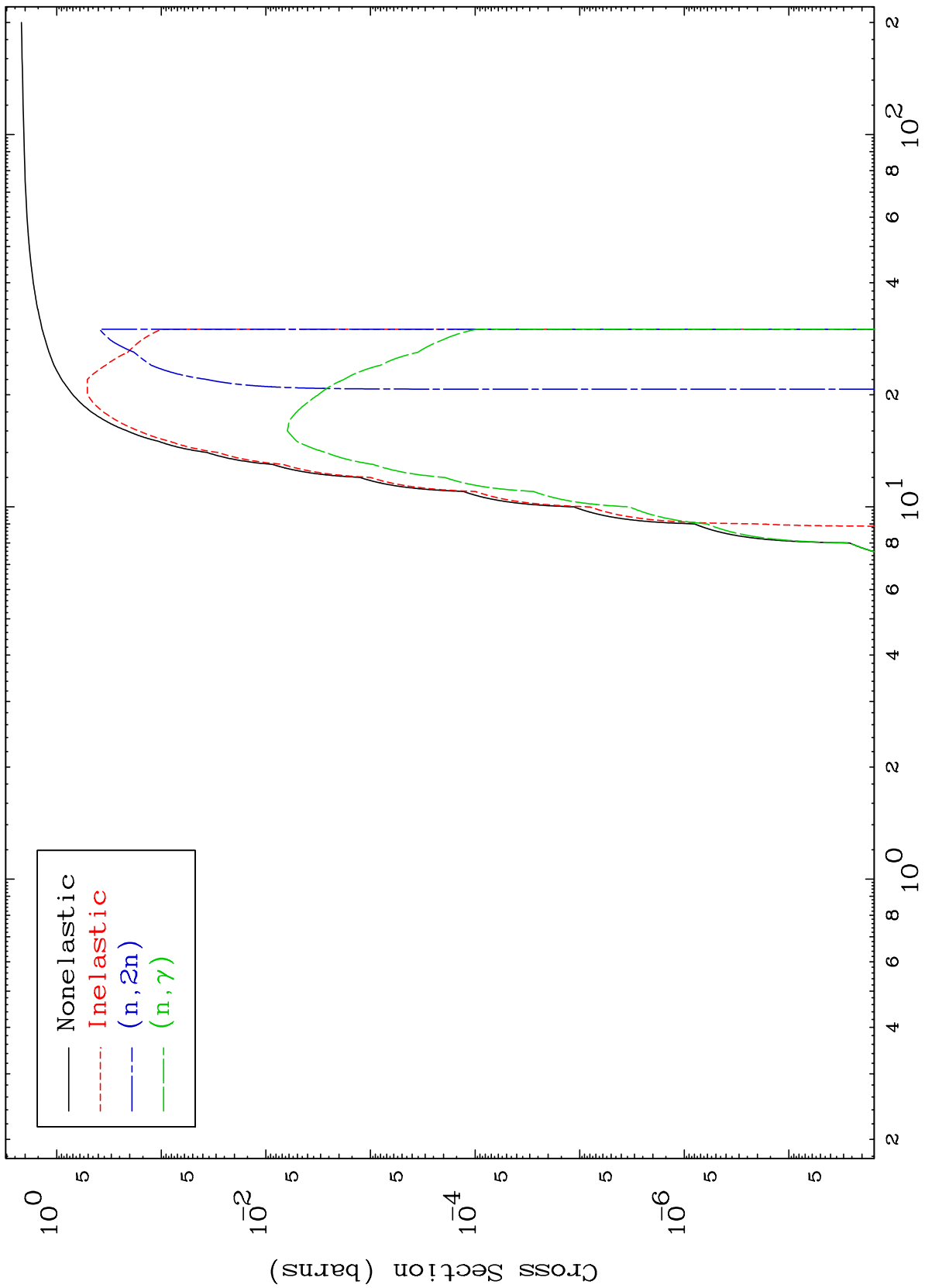
Press Mouse Button to Start

MAT 5216

0 Kelvin

Major Cross Sections

52-Te-117



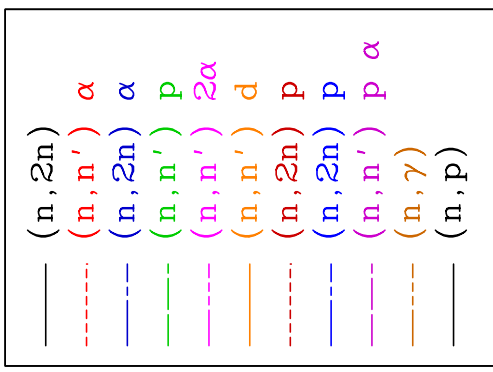
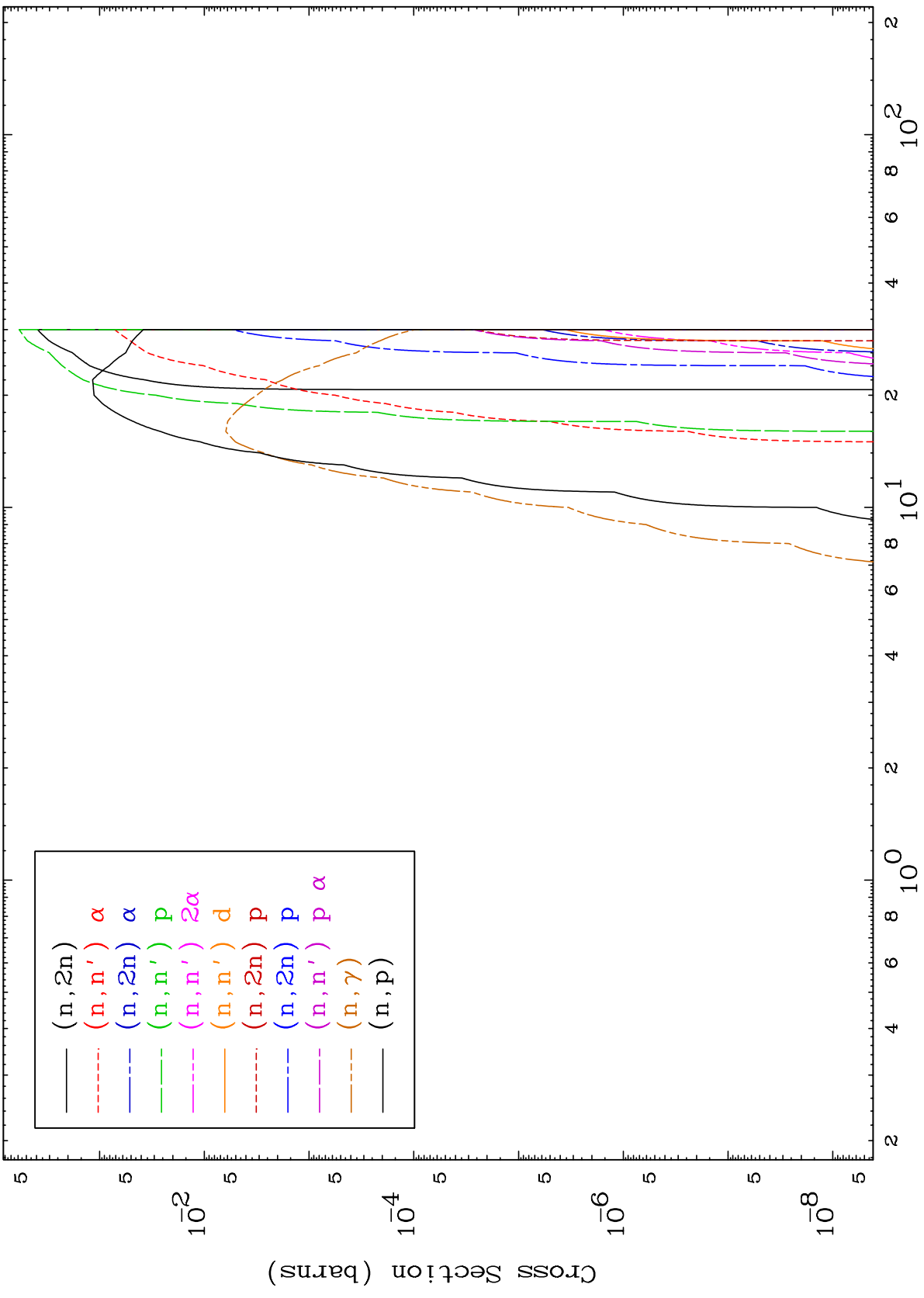
Legend:
— Nonelastic
- - - Inelastic
- - - (n, 2n)
- - - (n, γ)

MAT 5216

α Neutron Absorption

52-Te-117

0 Kelvin Cross Sections



52-Te-117

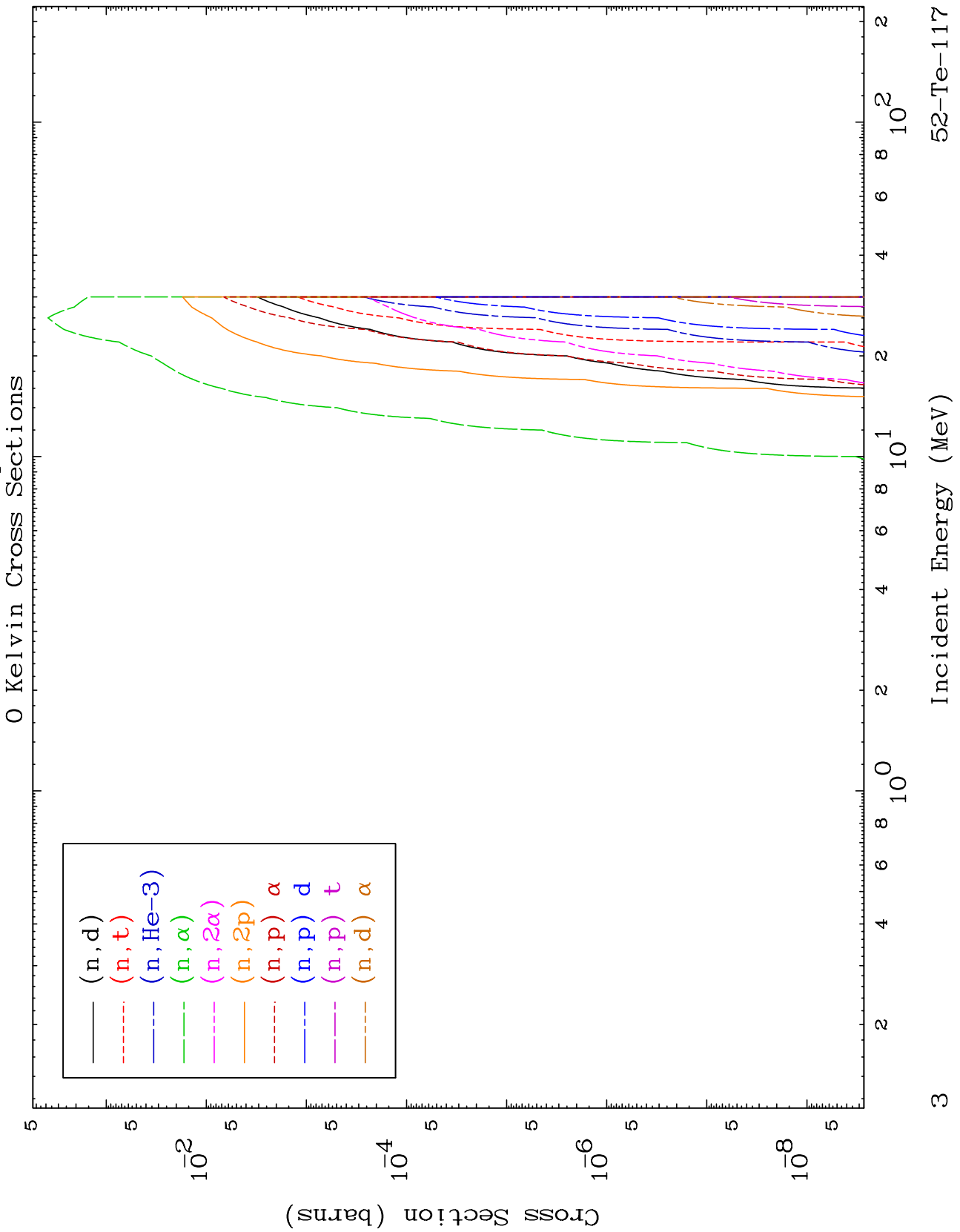
Incident Energy (MeV)

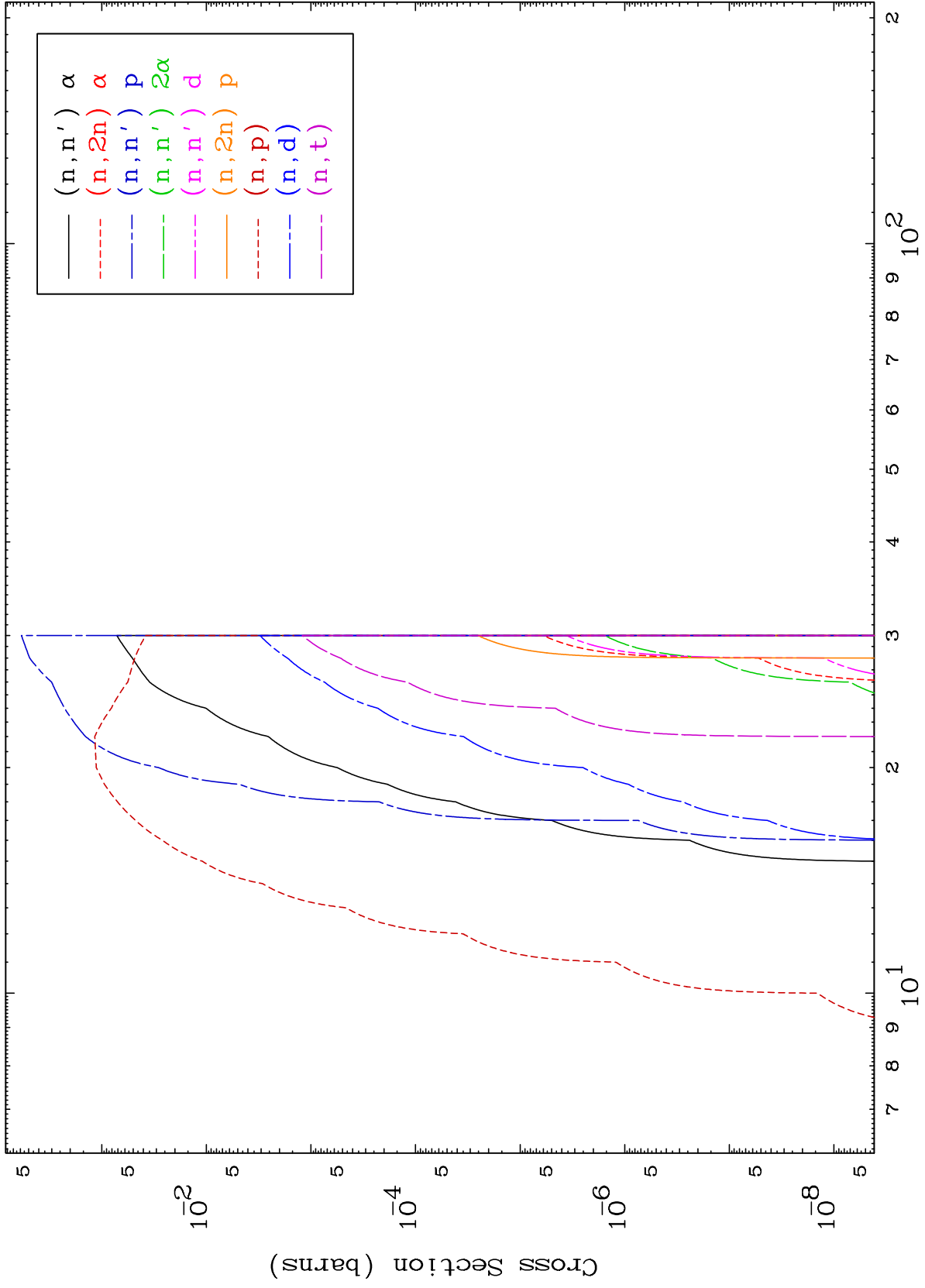
2

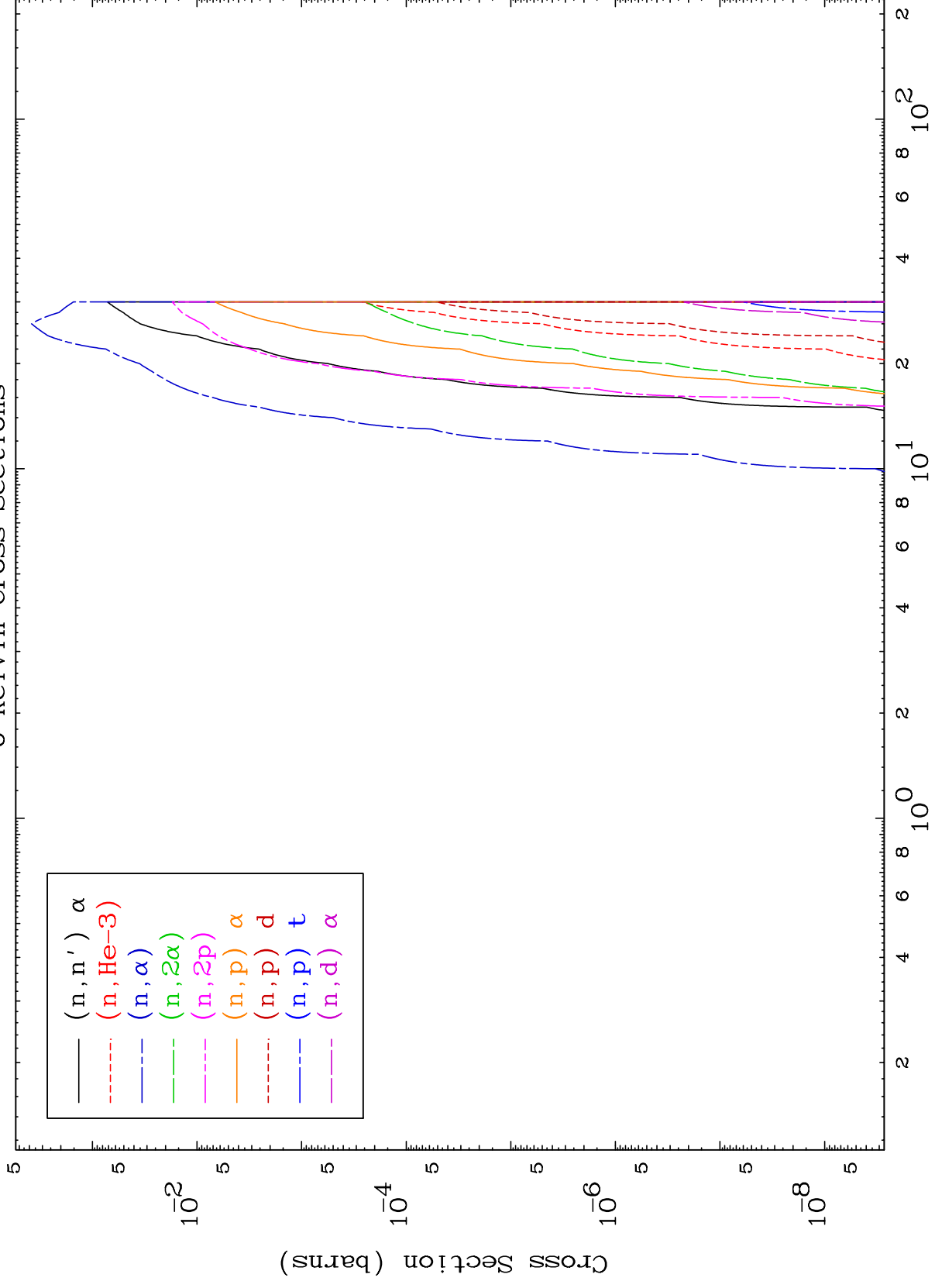
MAT 5216

α Neutron Absorption

52-Te-117





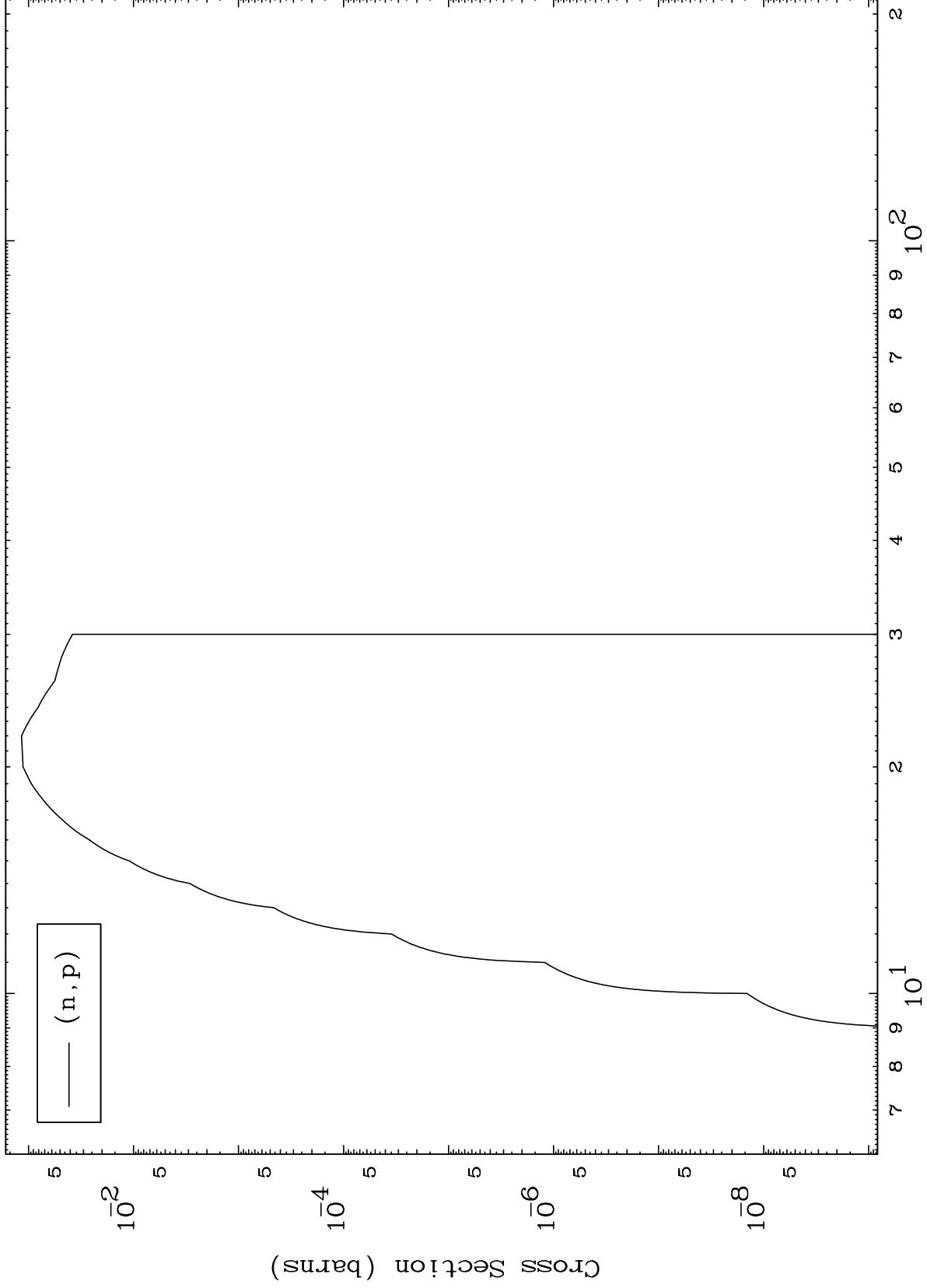


MAT 5216

(α, p) Levels

52-Te-117

0 Kelvin Cross Sections



6

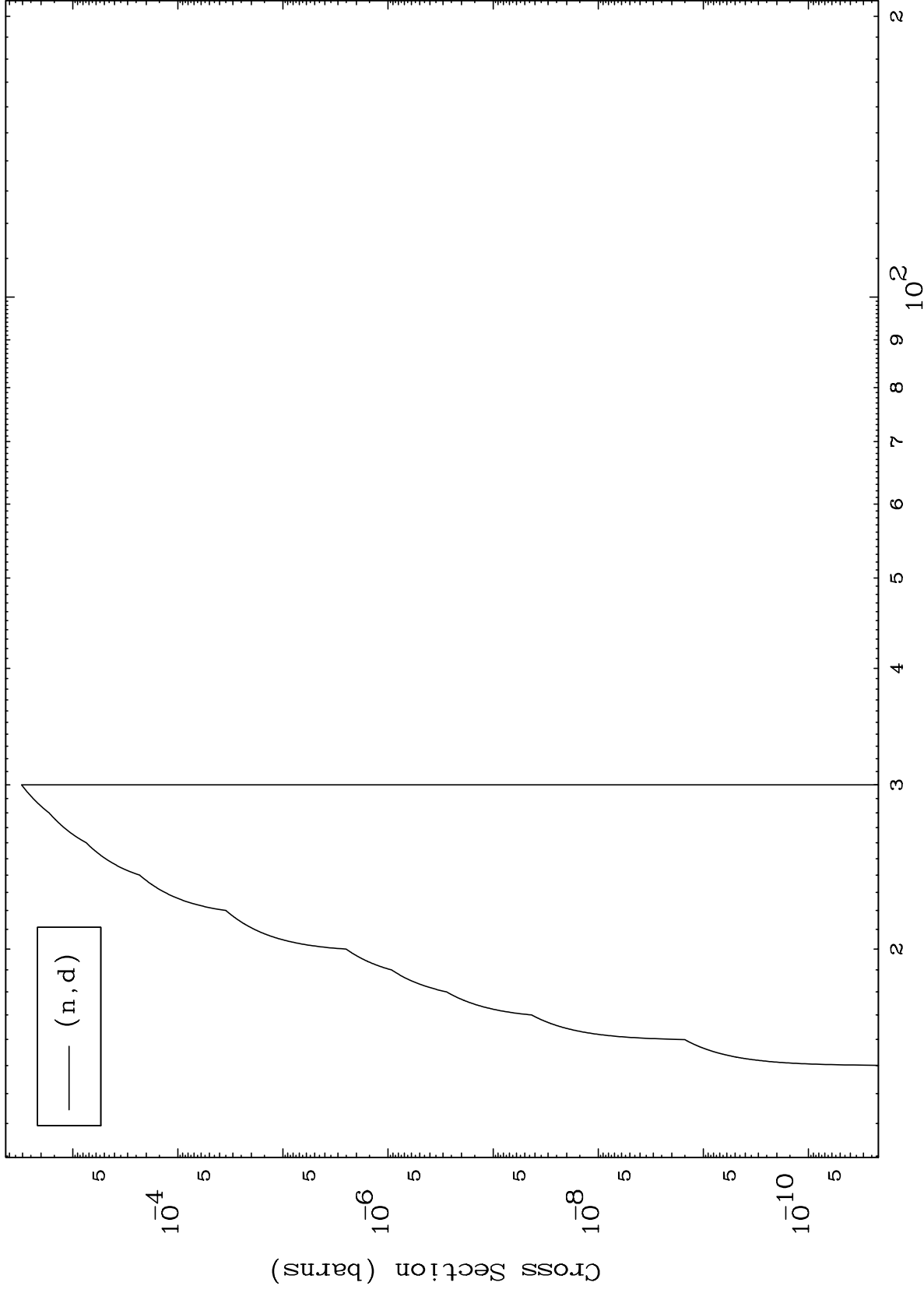
Incident Energy (MeV)

52-Te-117

MAT 5216

52-Te-117

(α, d) Levels
0 Kelvin Cross Sections



52-Te-117

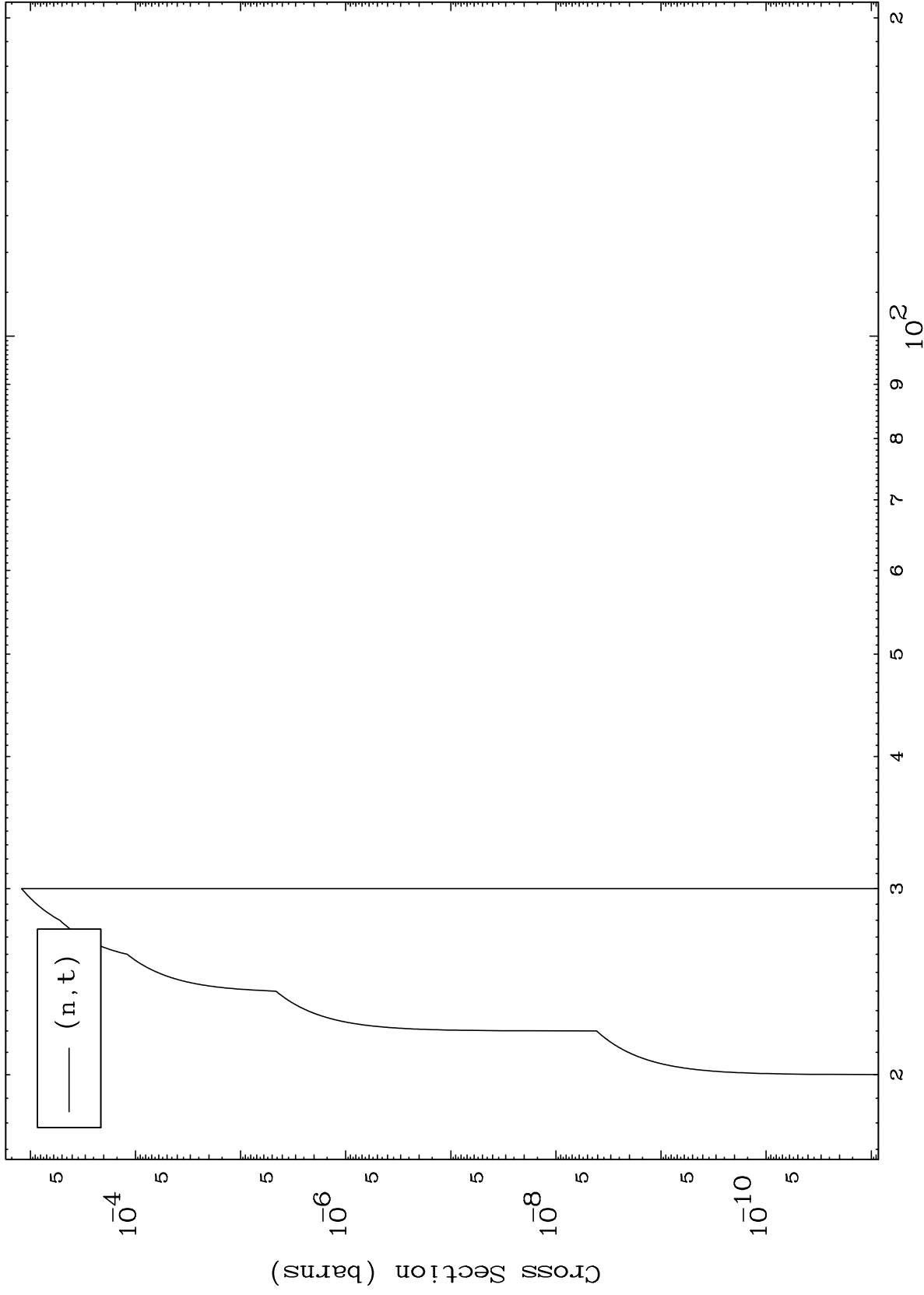
Incident Energy (MeV)

7

MAT 5216

(α, t) Levels
0 Kelvin Cross Sections

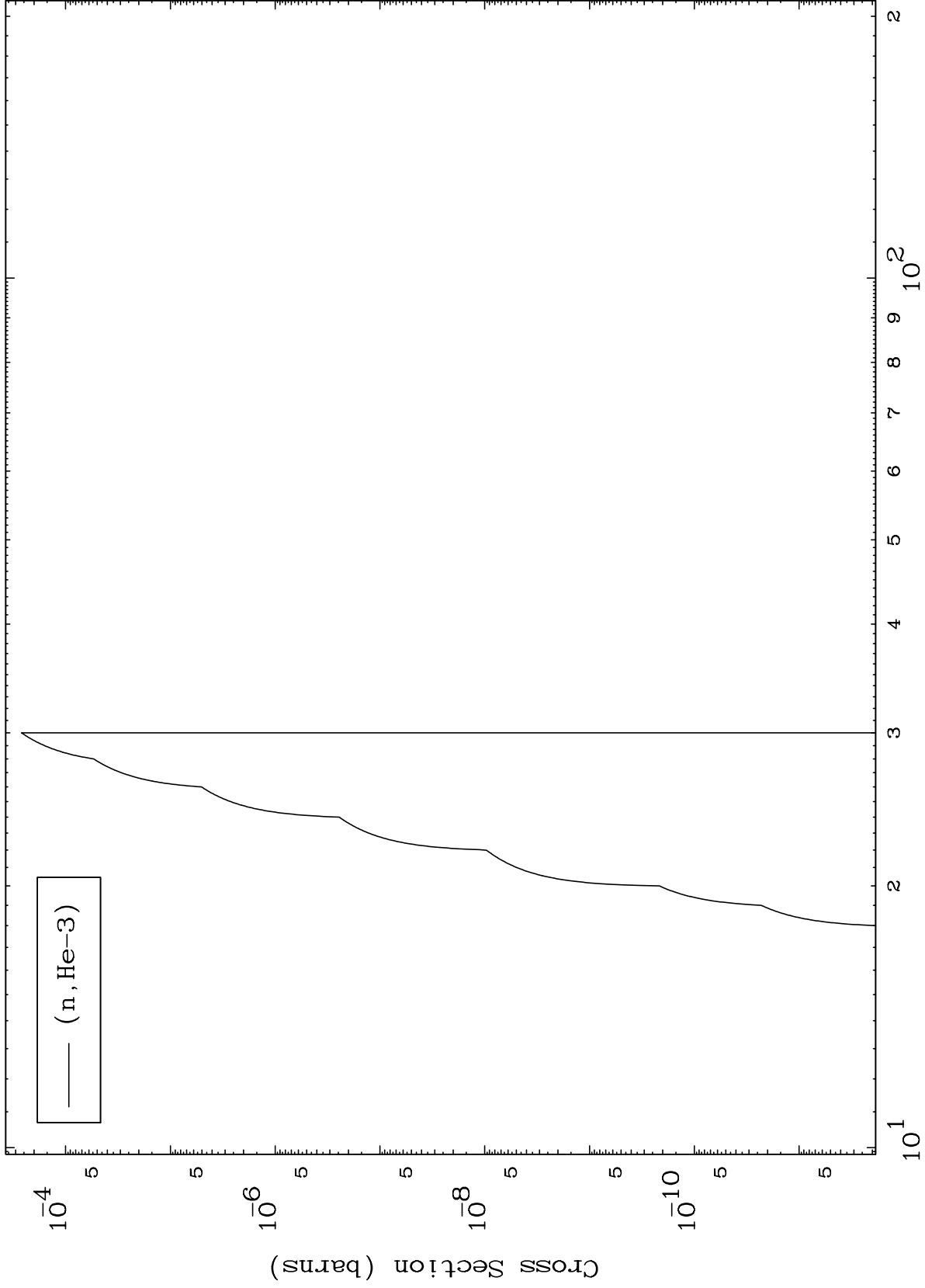
52-Te-117



MAT 5216

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

52-Te-117



Incident Energy (MeV)

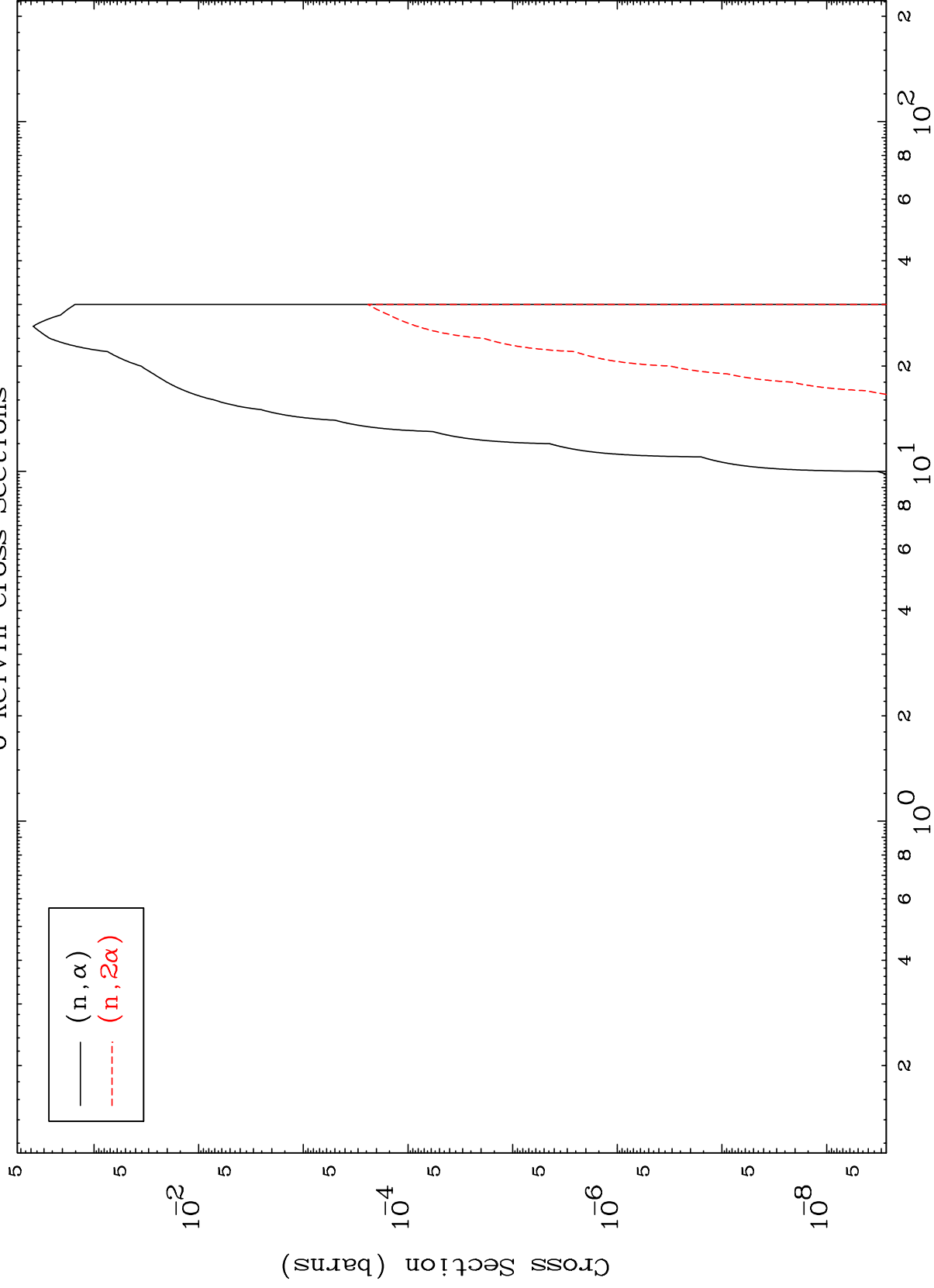
52-Te-117

MAT 5216

(α, α) Levels

52-Te-117

0 Kelvin Cross Sections



10

Incident Energy (MeV)

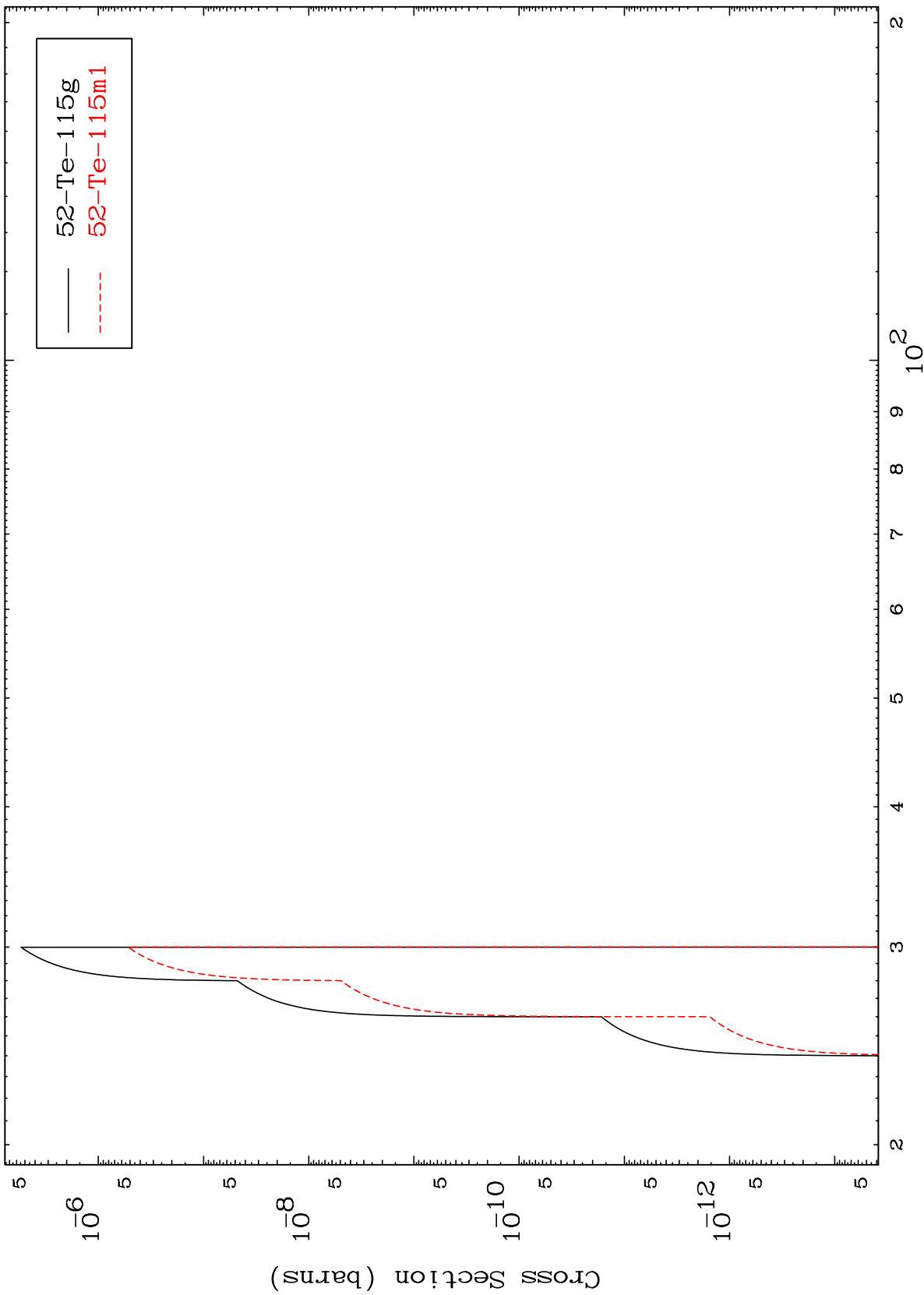
52-Te-117

MAT 5216

$(n,2n) \alpha$

52-Te-117

Radionuclide Production Cross Section



11

Incident Energy (MeV)

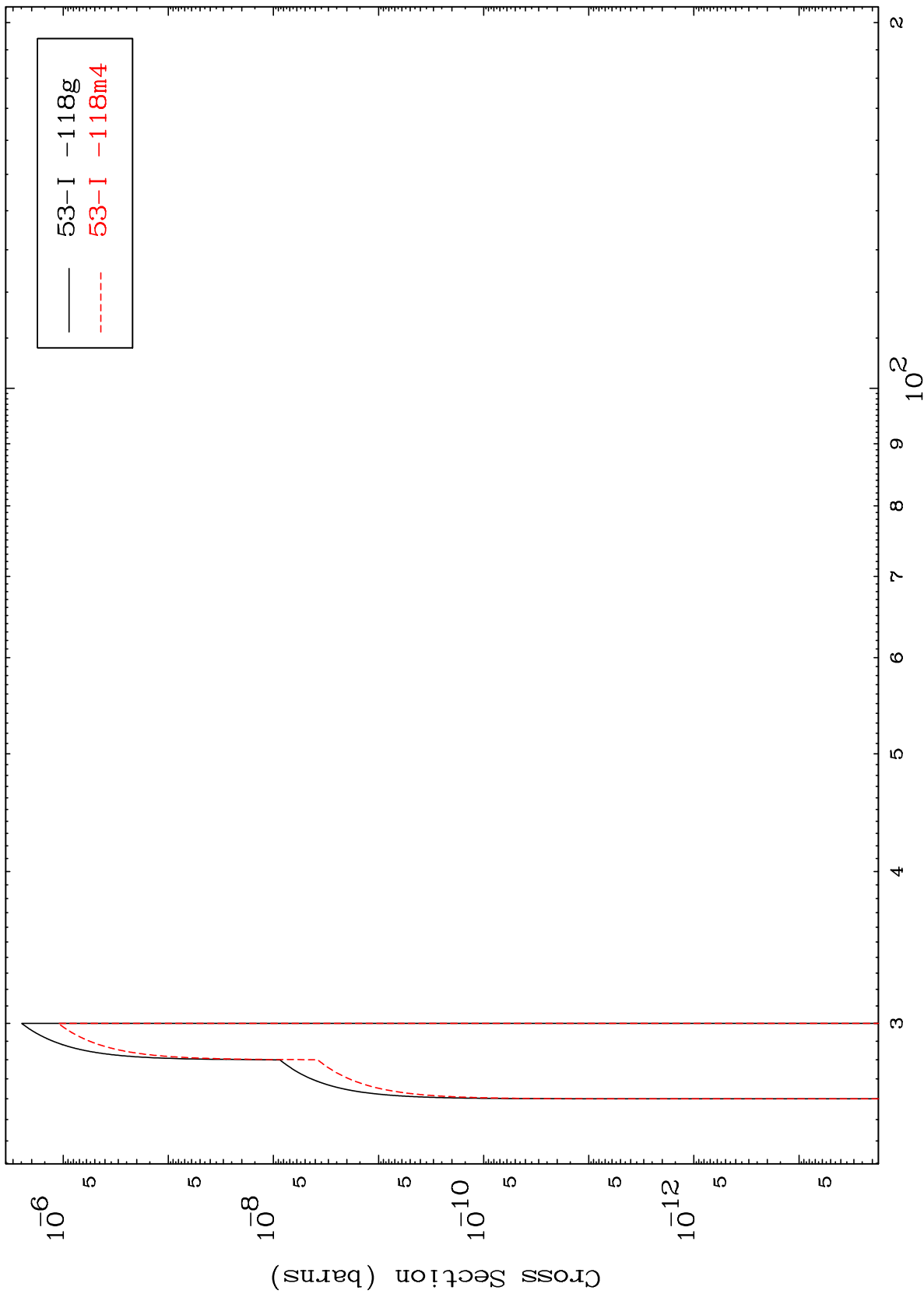
52-Te-117

MAT 5216

(n,n') d

52-Te-117

Radionuclide Production Cross Section



12

Incident Energy (MeV)

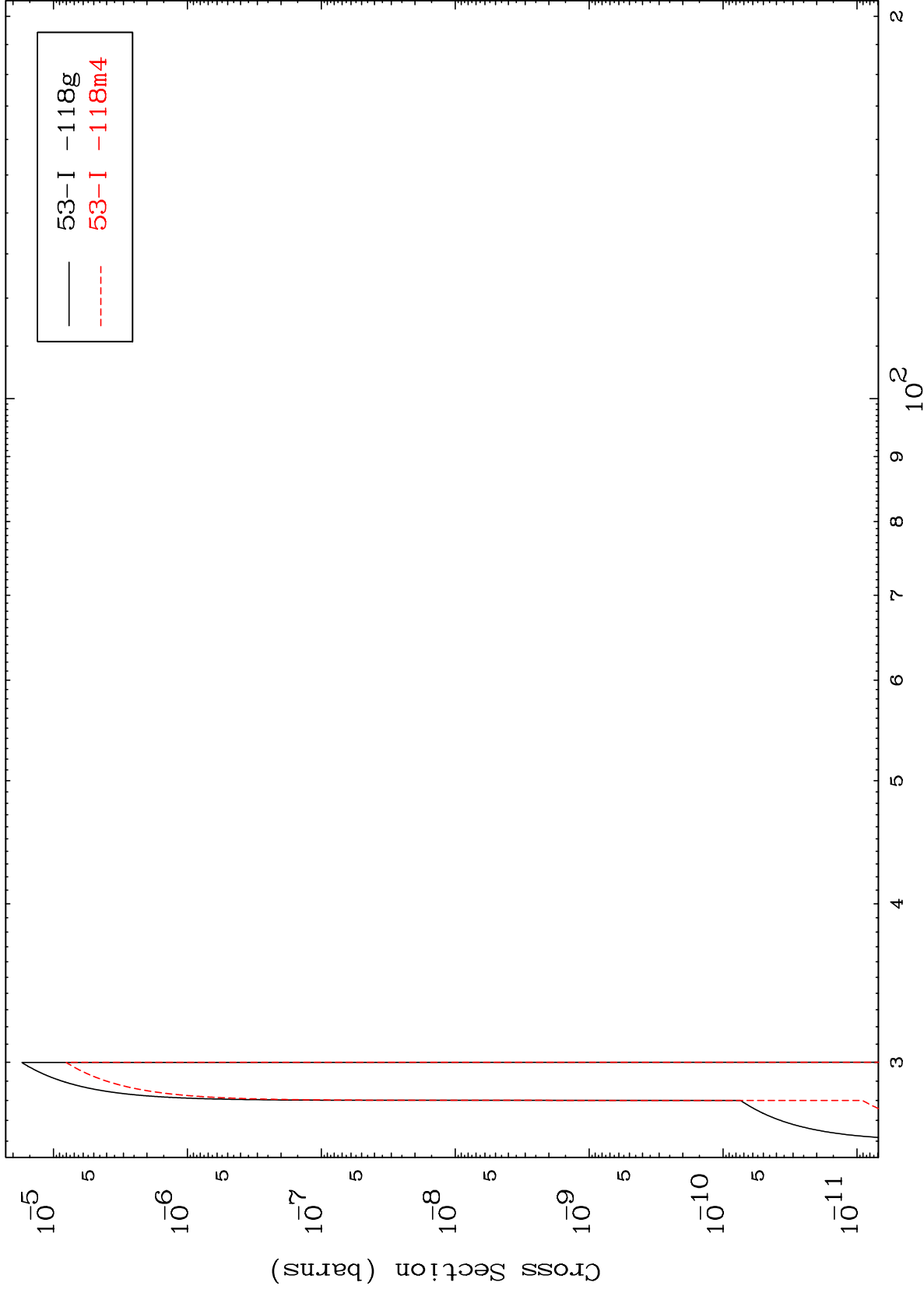
52-Te-117

MAT 5216

(n,2n) p

52-Te-117

Radionuclide Production Cross Section



13

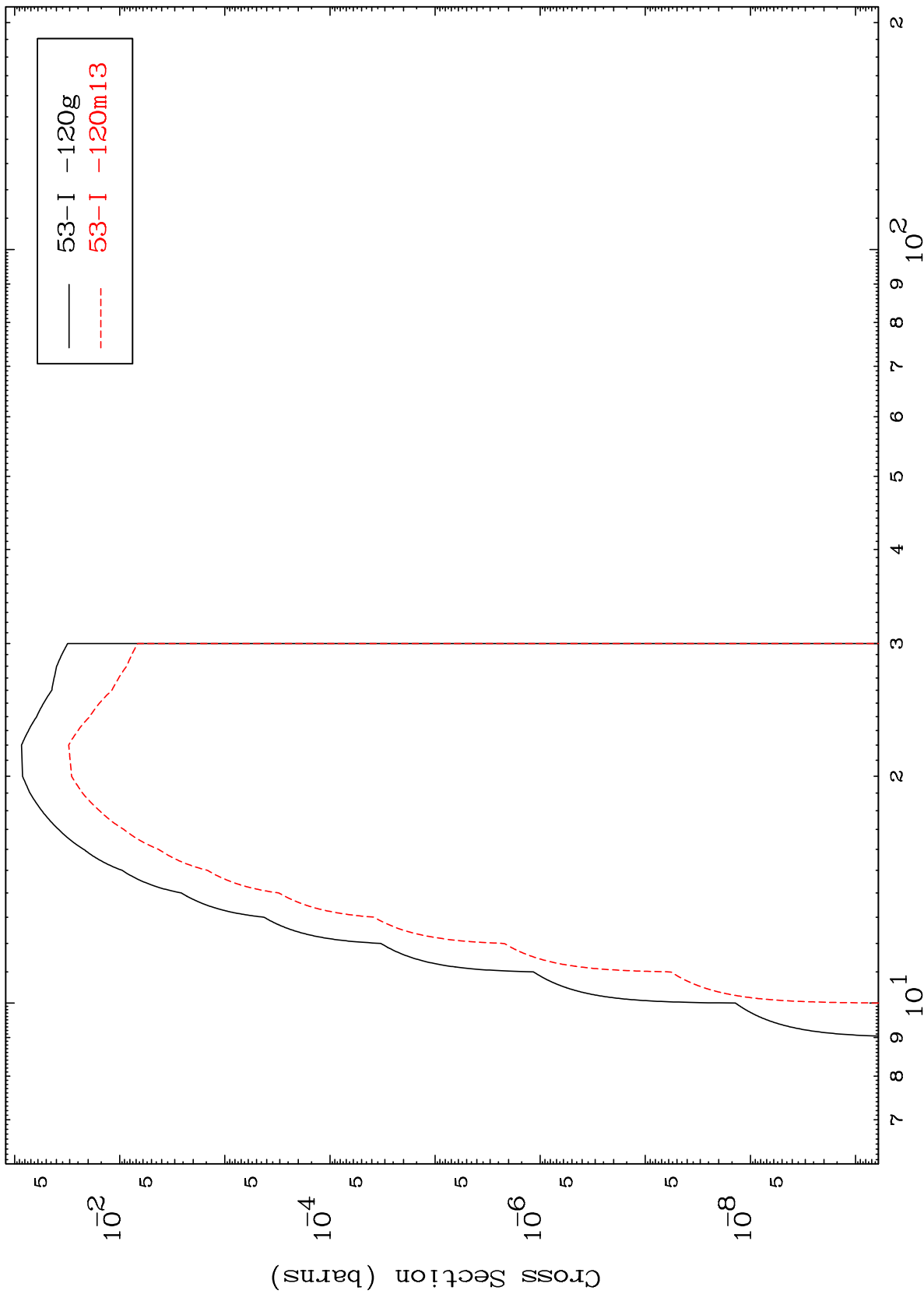
Incident Energy (MeV)

52-Te-117

MAT 5216

52-Te-117

(n,p)
Radionuclide Production Cross Section



52-Te-117

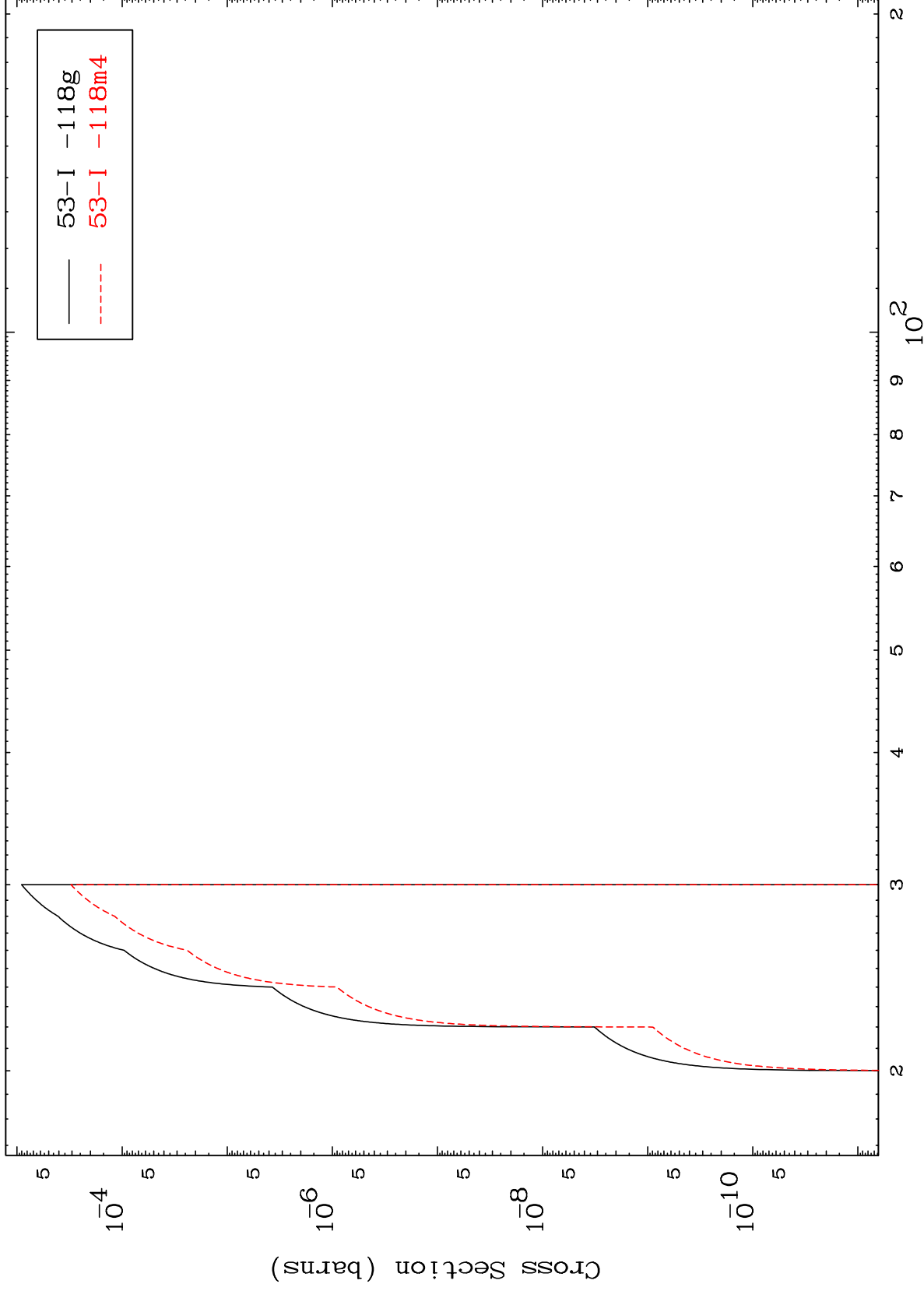
Incident Energy (MeV)

14

MAT 5216

52-Te-117

(n, t)
Radionuclide Production Cross Section



15

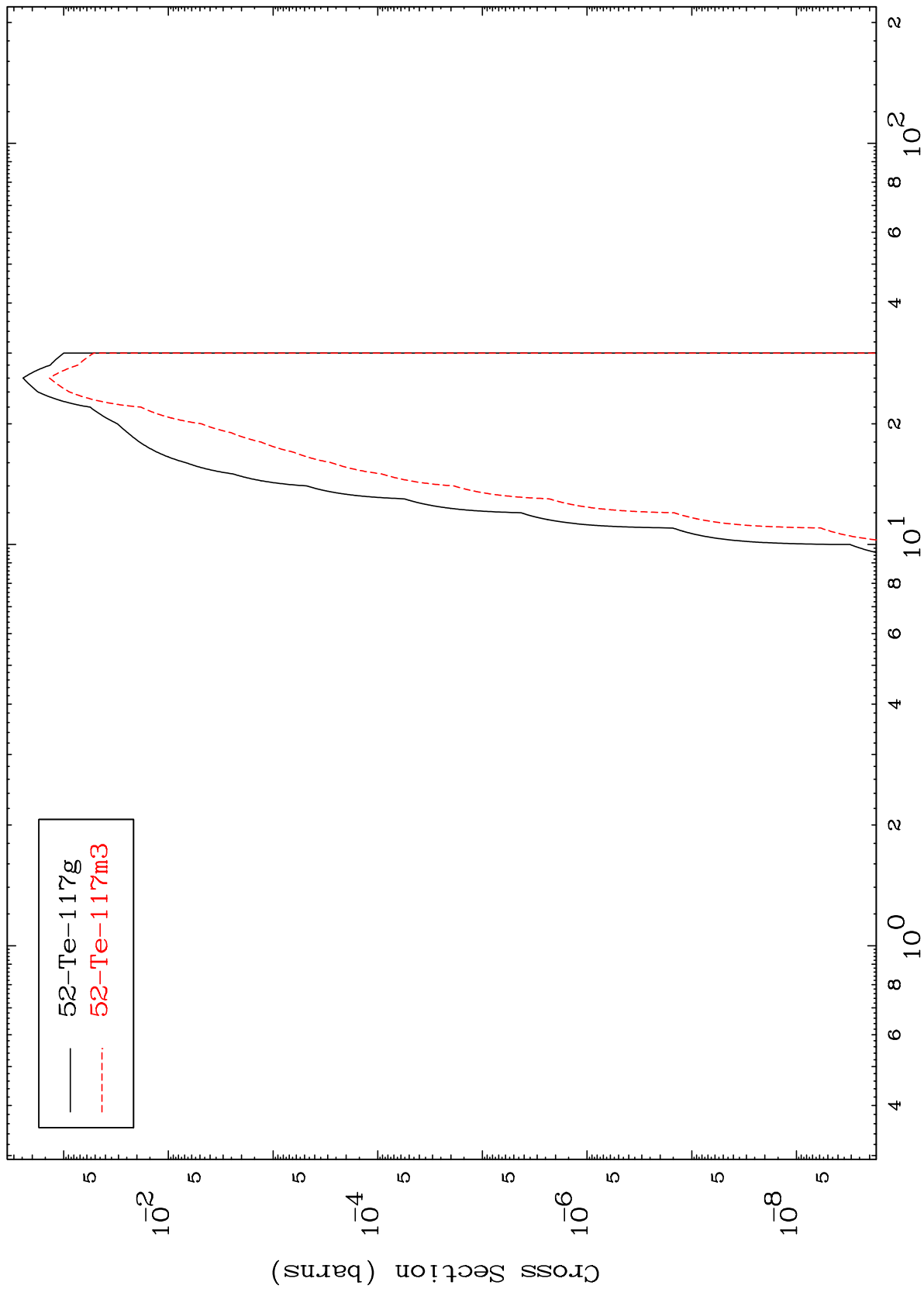
52-Te-117

Incident Energy (MeV)

MAT 5216

52-Te-117

Radionuclide Production Cross Section



16

52-Te-117

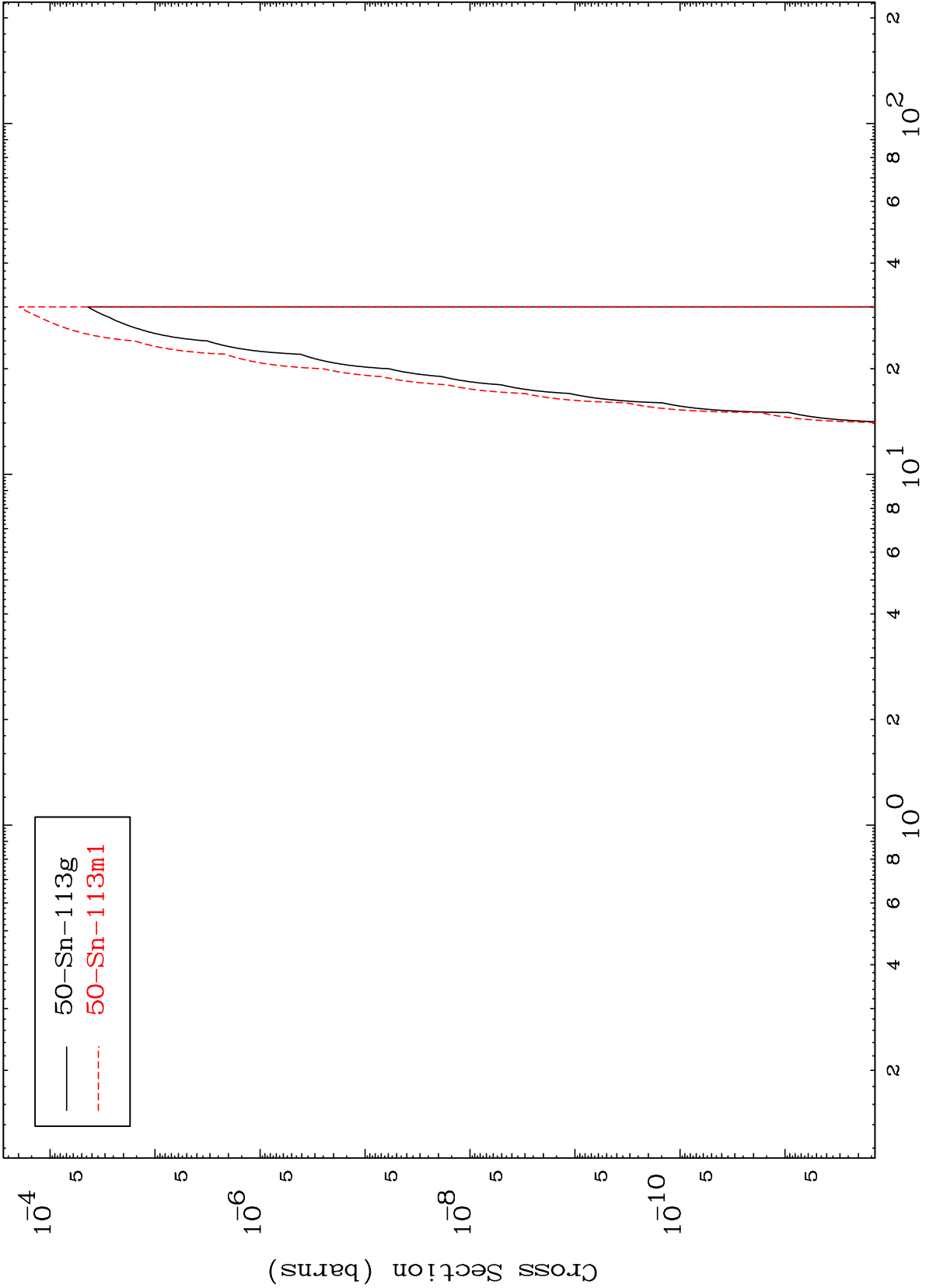
Incident Energy (MeV)

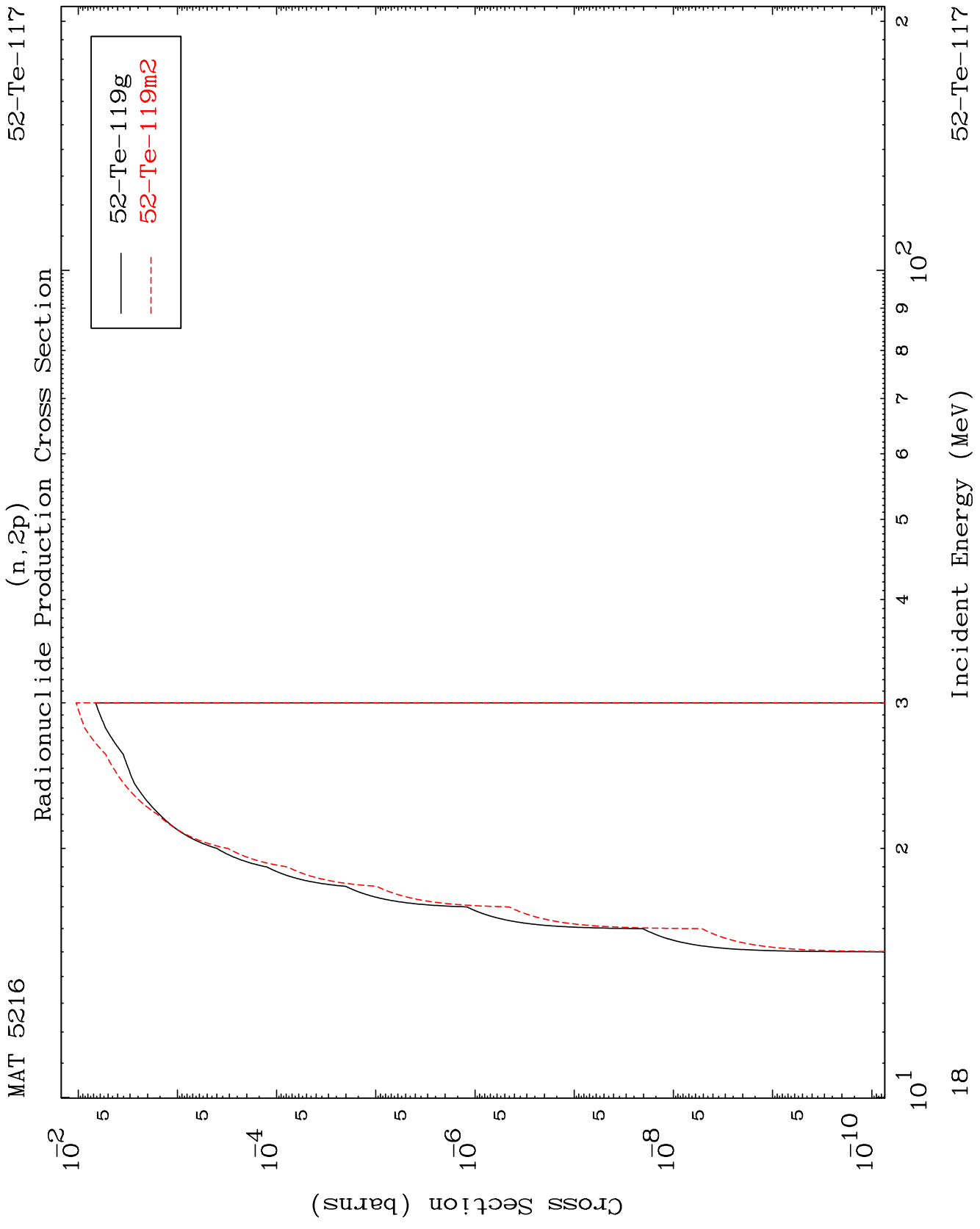
MAT 5216

(n,2α)

52-Te-117

Radionuclide Production Cross Section



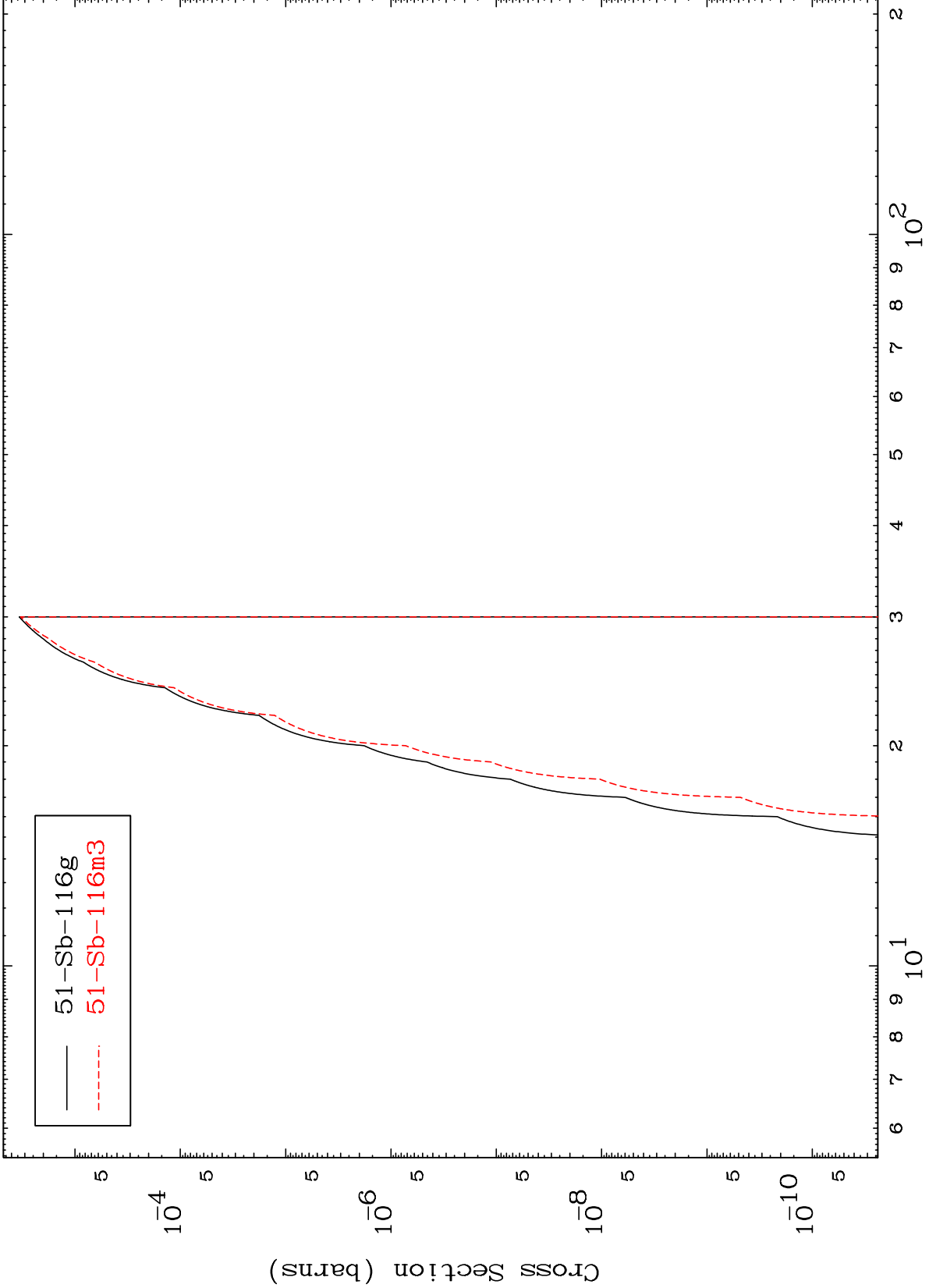


MAT 5216

(n,p) α

52-Te-117

Radionuclide Production Cross Section



51-Sb-116g
51-Sb-116m3

19

Incident Energy (MeV)

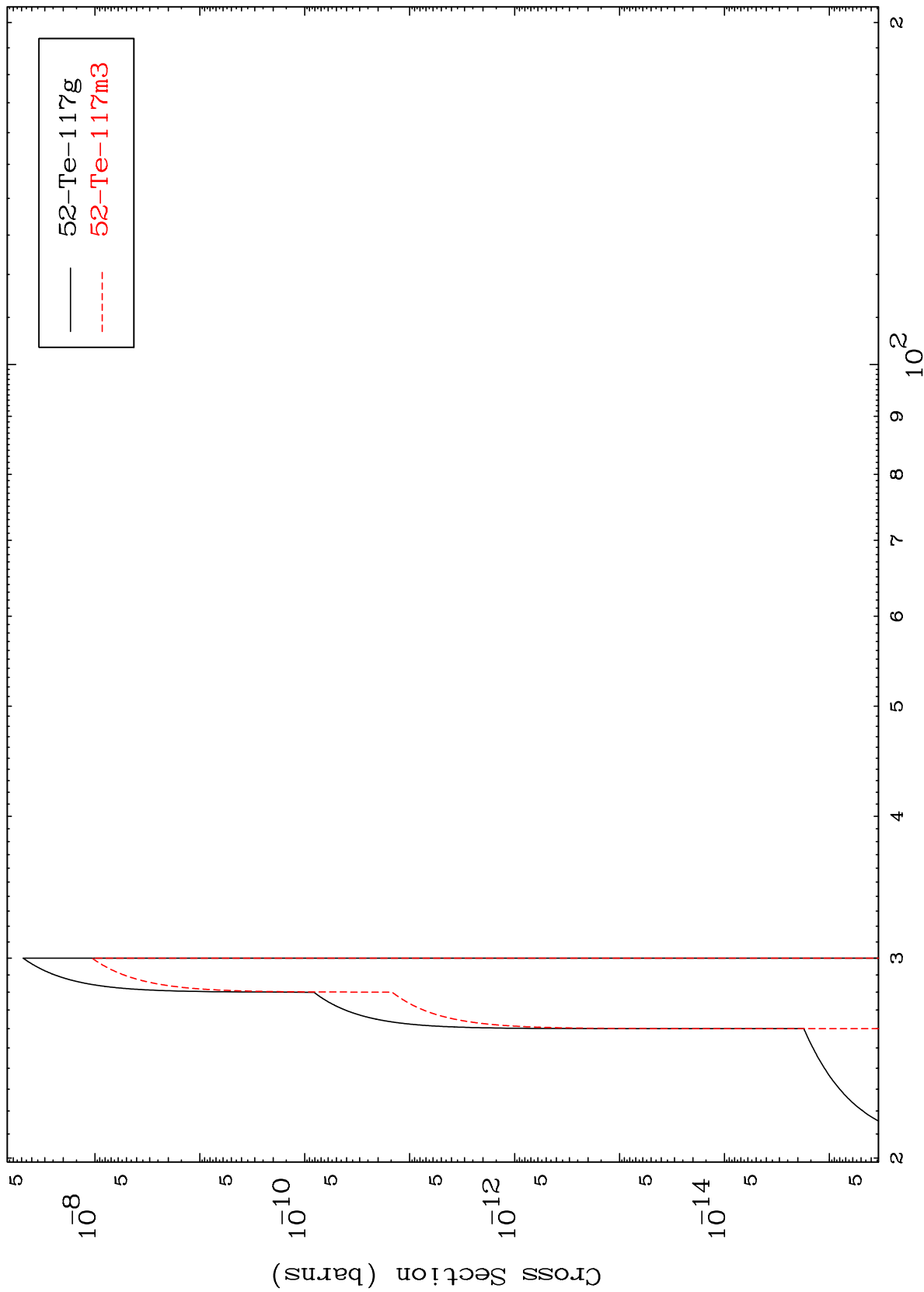
52-Te-117

MAT 5216

(n,p) t

52-Te-117

Radionuclide Production Cross Section



20

Incident Energy (MeV)

52-Te-117