

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

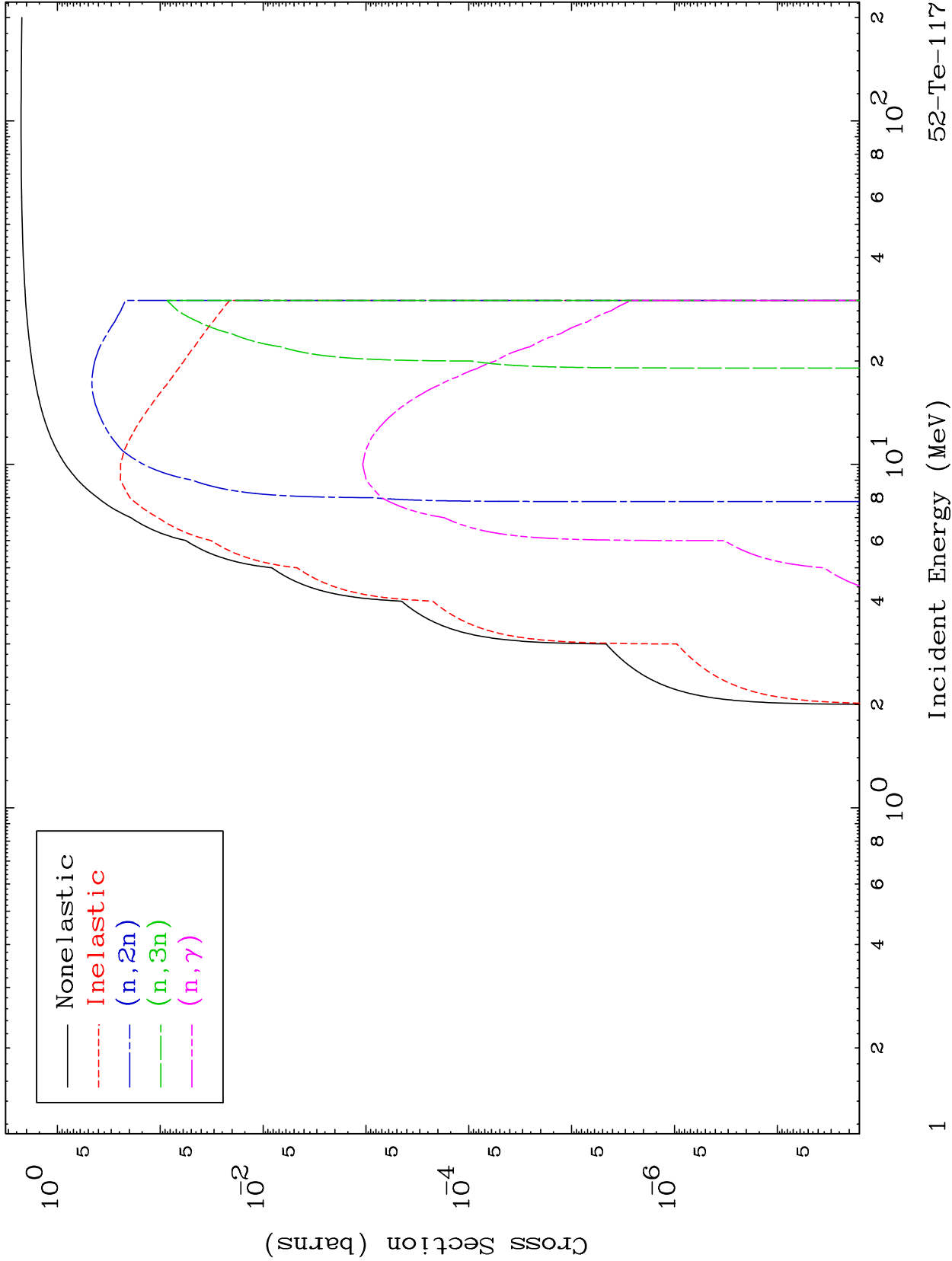
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

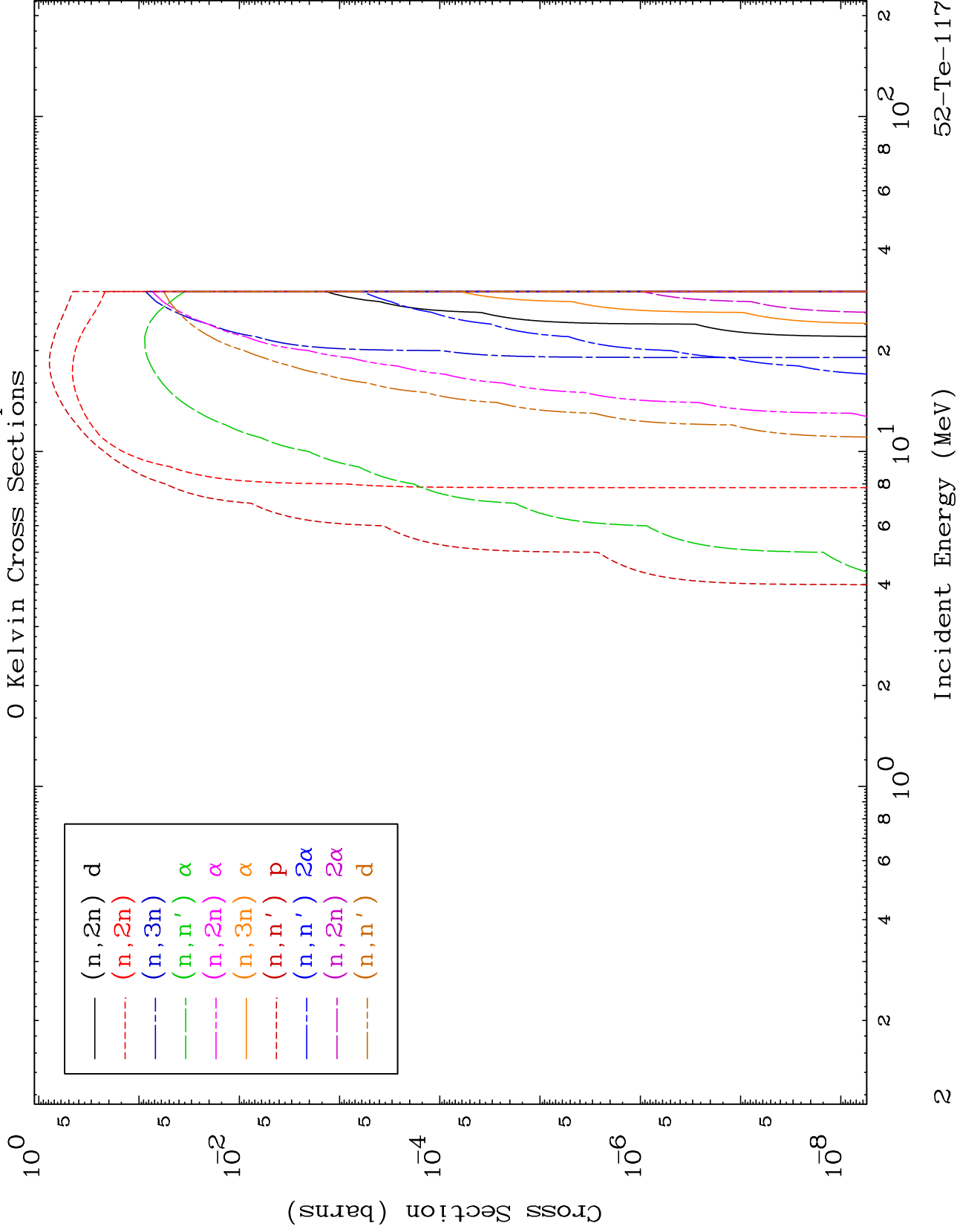
Press Mouse Button to Start

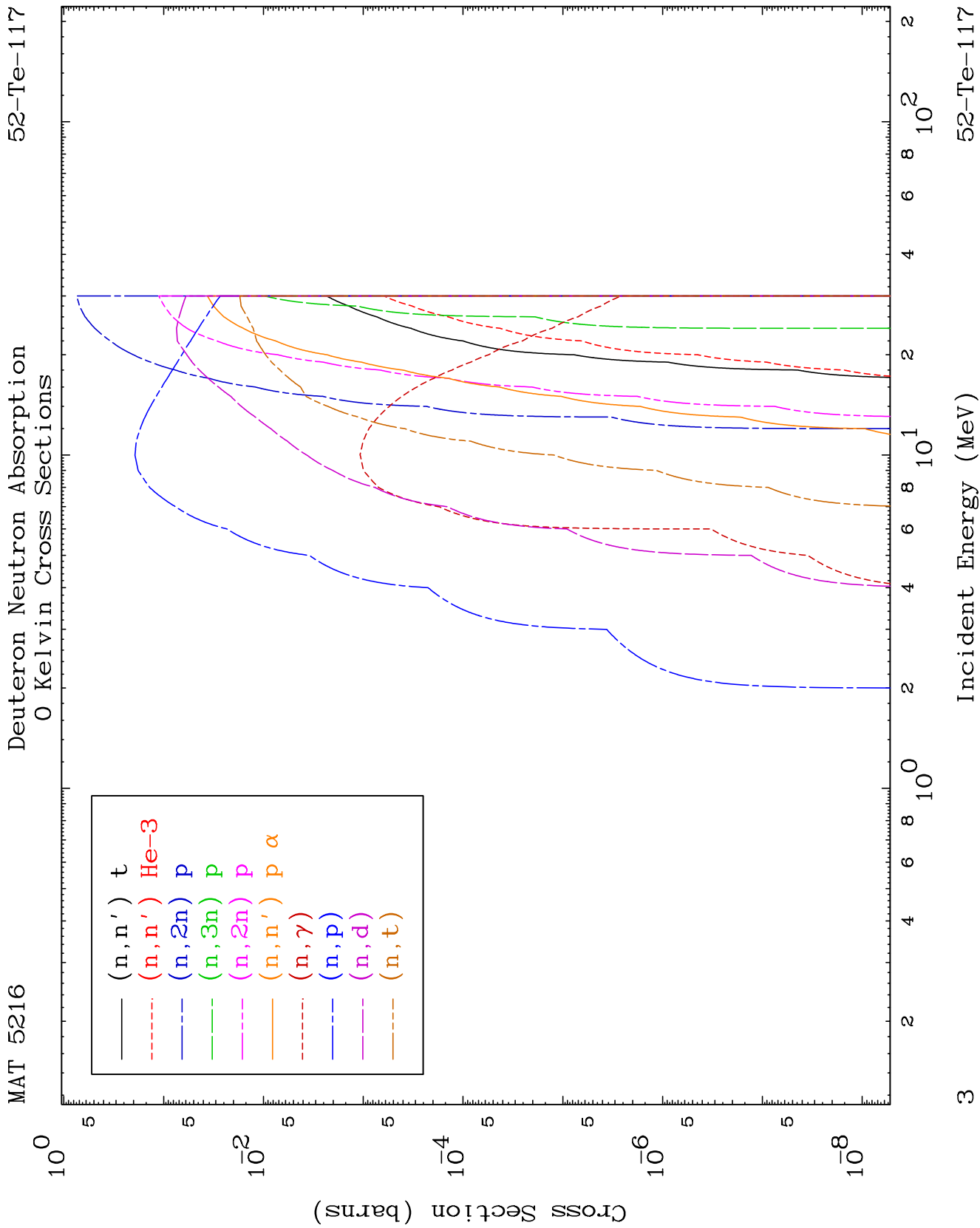


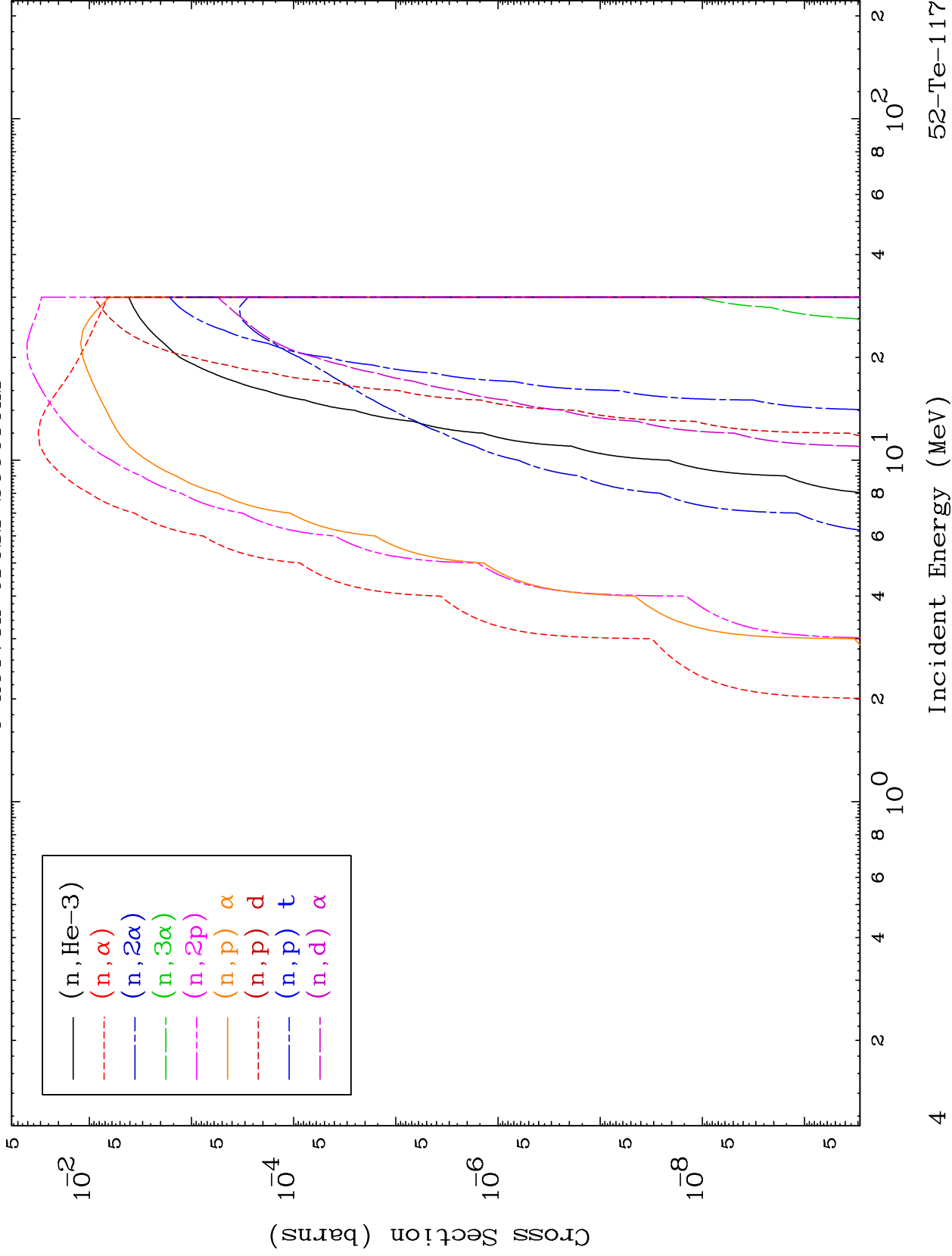
MAT 5216

Deuteron Neutron Absorption
0 Kelvin Cross Sections

52-Te-117



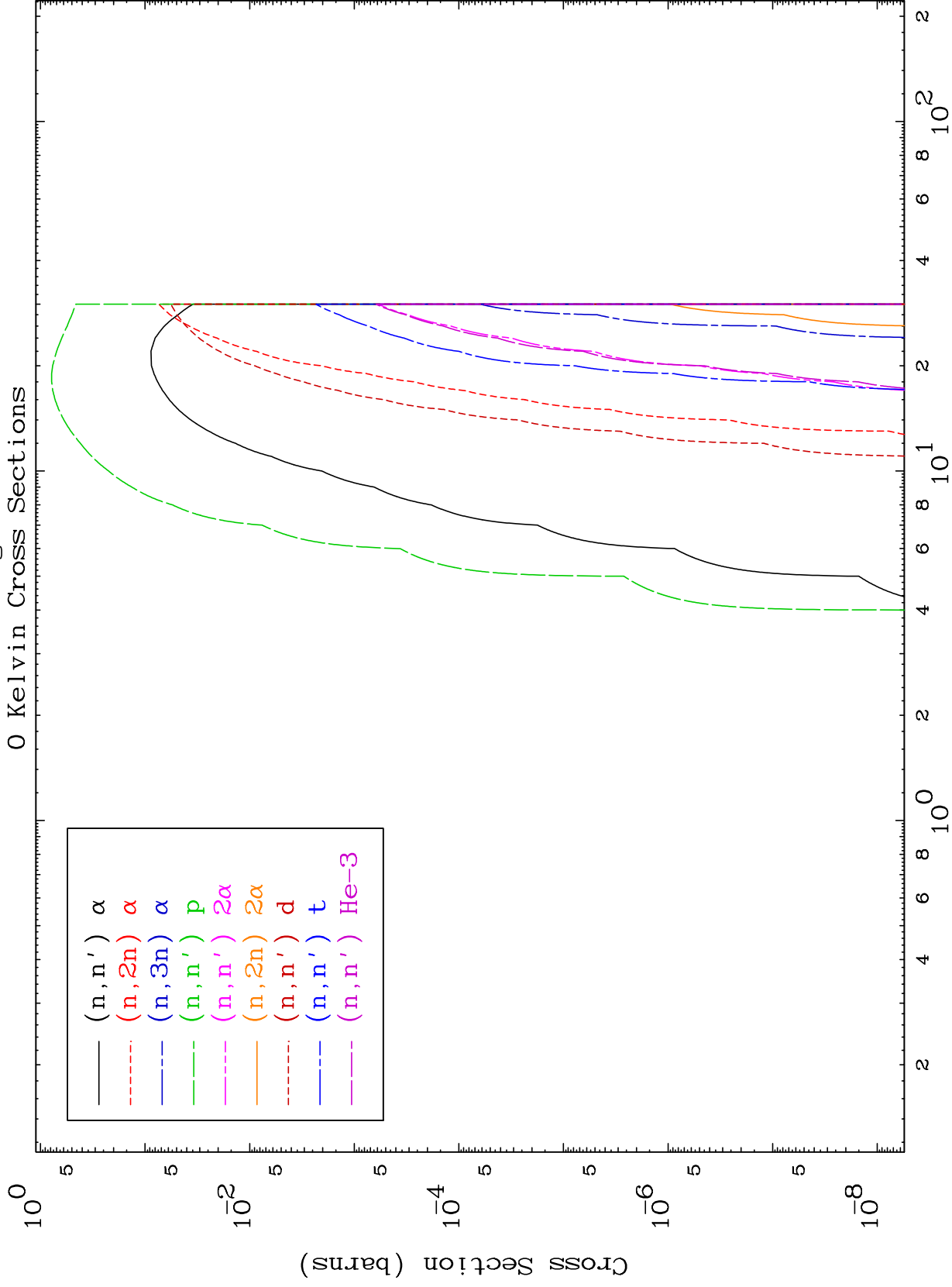




MAT 5216

Deuteron Charged Particle
0 Kelvin Cross Sections

52-Te-117



5

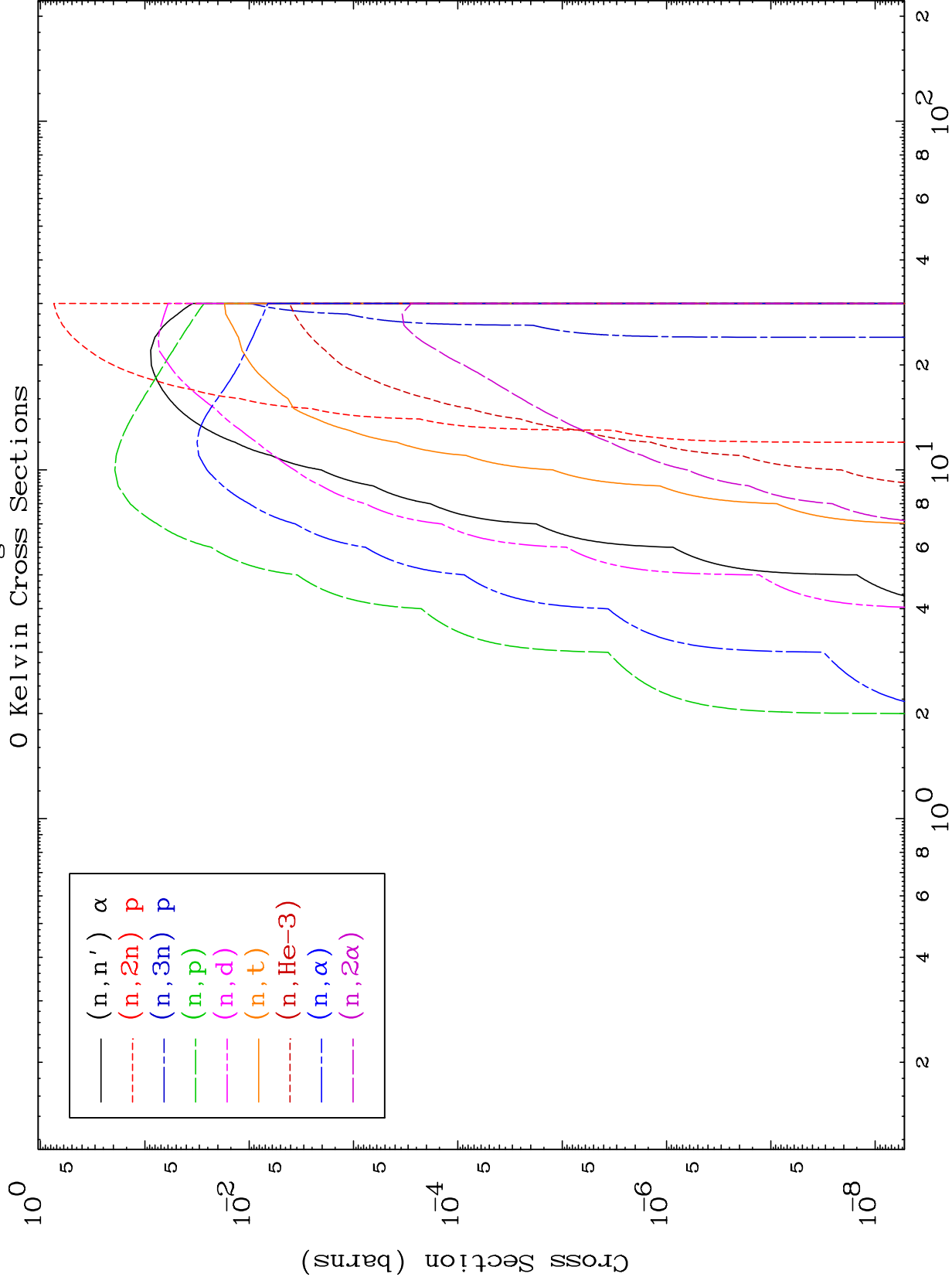
Incident Energy (MeV)

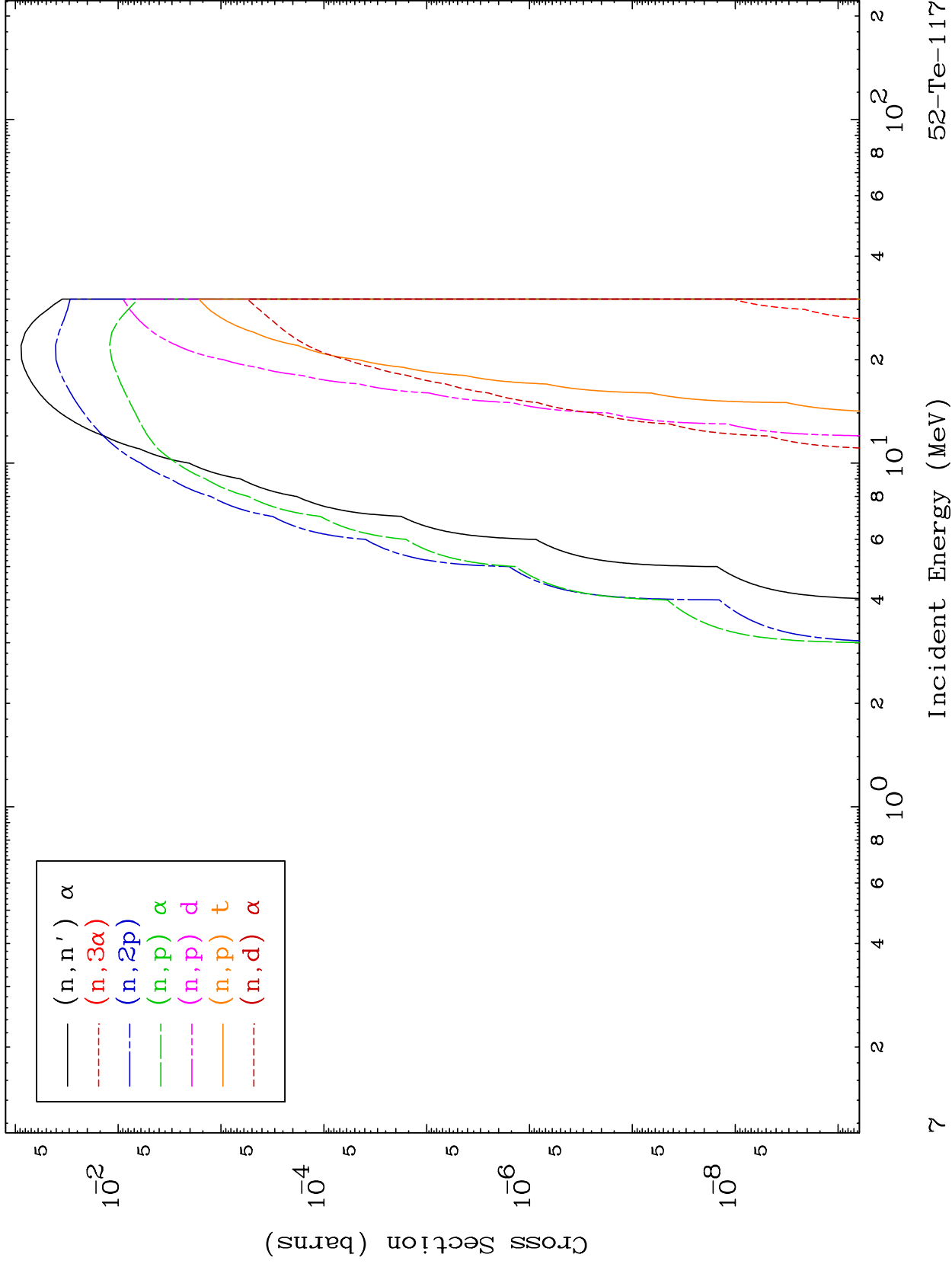
52-Te-117

MAT 5216

Deuteron Charged Particle
0 Kelvin Cross Sections

52-Te-117

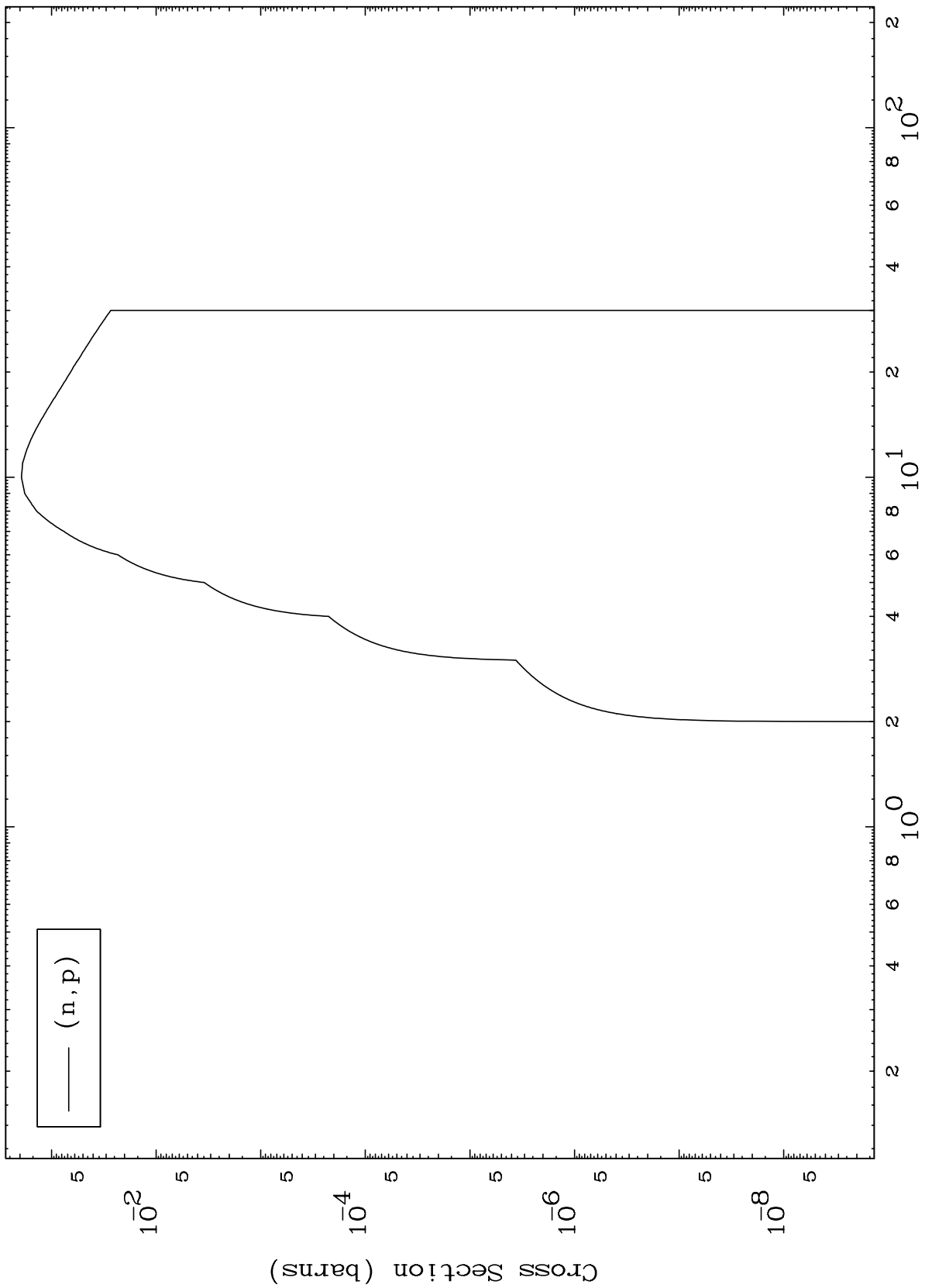




MAT 5216

52-Te-117

(d,p) Levels
0 Kelvin Cross Sections



52-Te-117

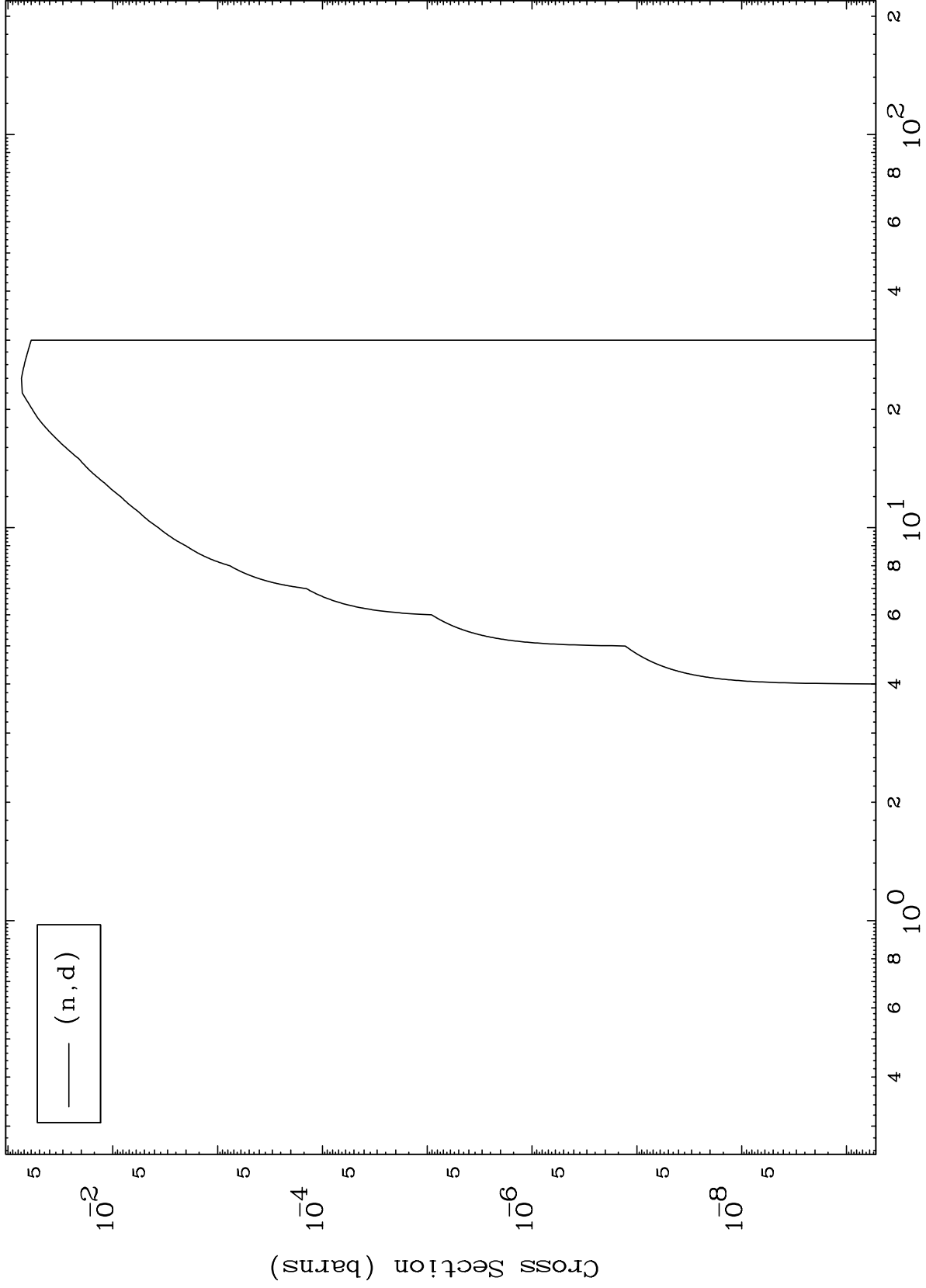
Incident Energy (MeV)

MAT 5216

(d,d) Levels

52-Te-117

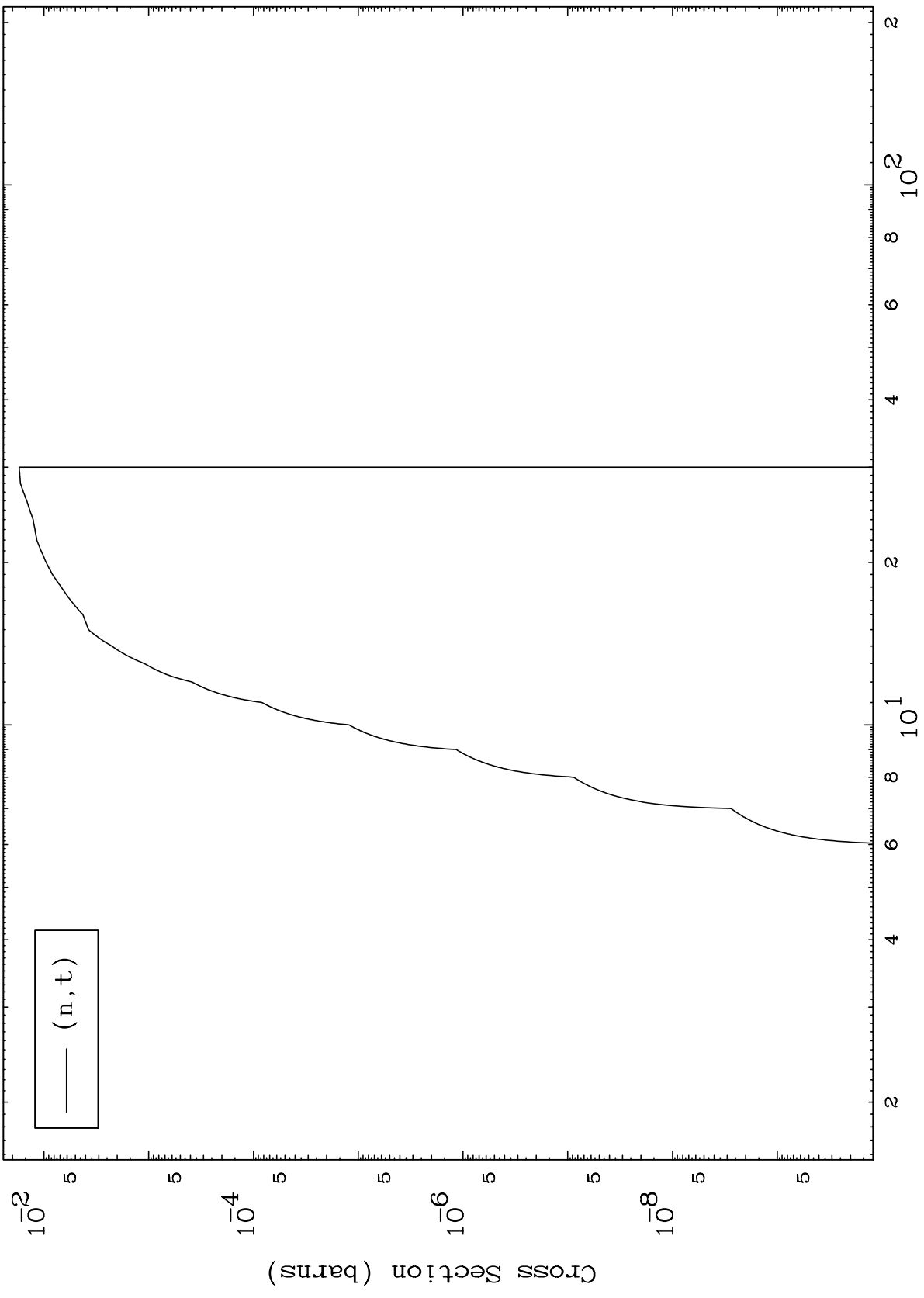
0 Kelvin Cross Sections



MAT 5216

52-Te-117

(d,t) Levels
0 Kelvin Cross Sections



52-Te-117

Incident Energy (MeV)

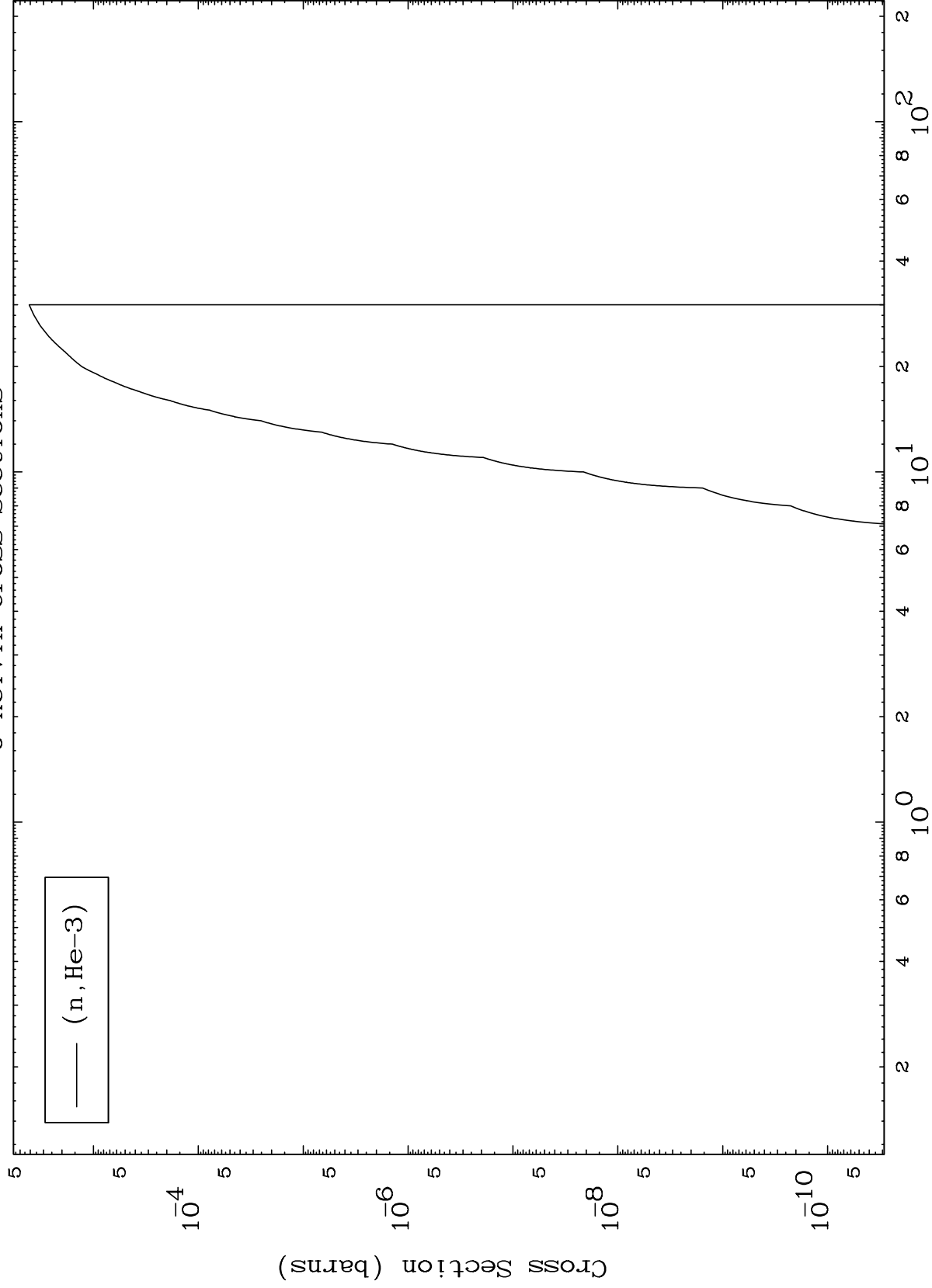
10

MAT 5216

(d,He3) Levels

52-Te-117

0 Kelvin Cross Sections



11

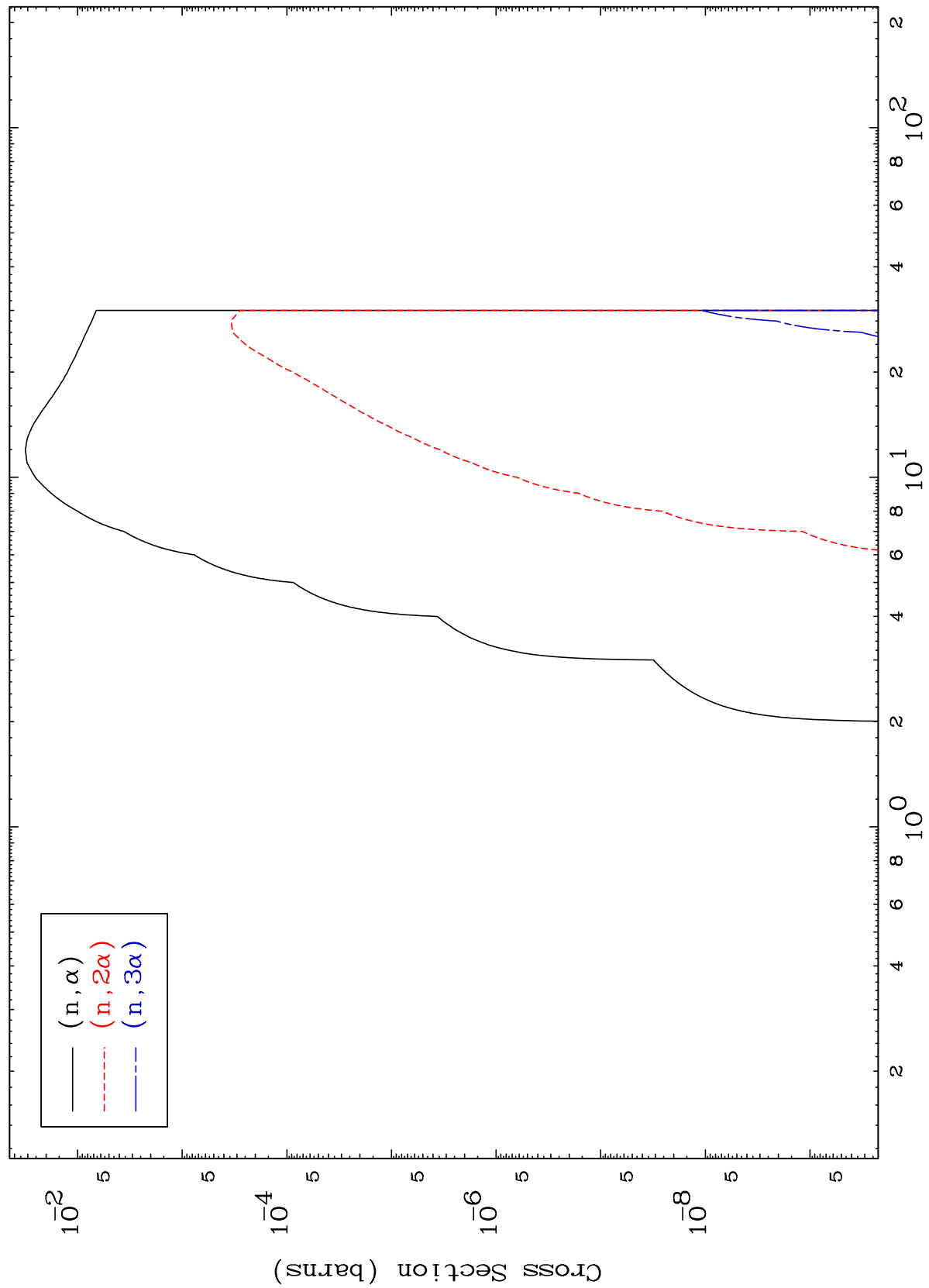
Incident Energy (MeV)

52-Te-117

MAT 5216

52-Te-117

(d, α) Levels
0 Kelvin Cross Sections



52-Te-117

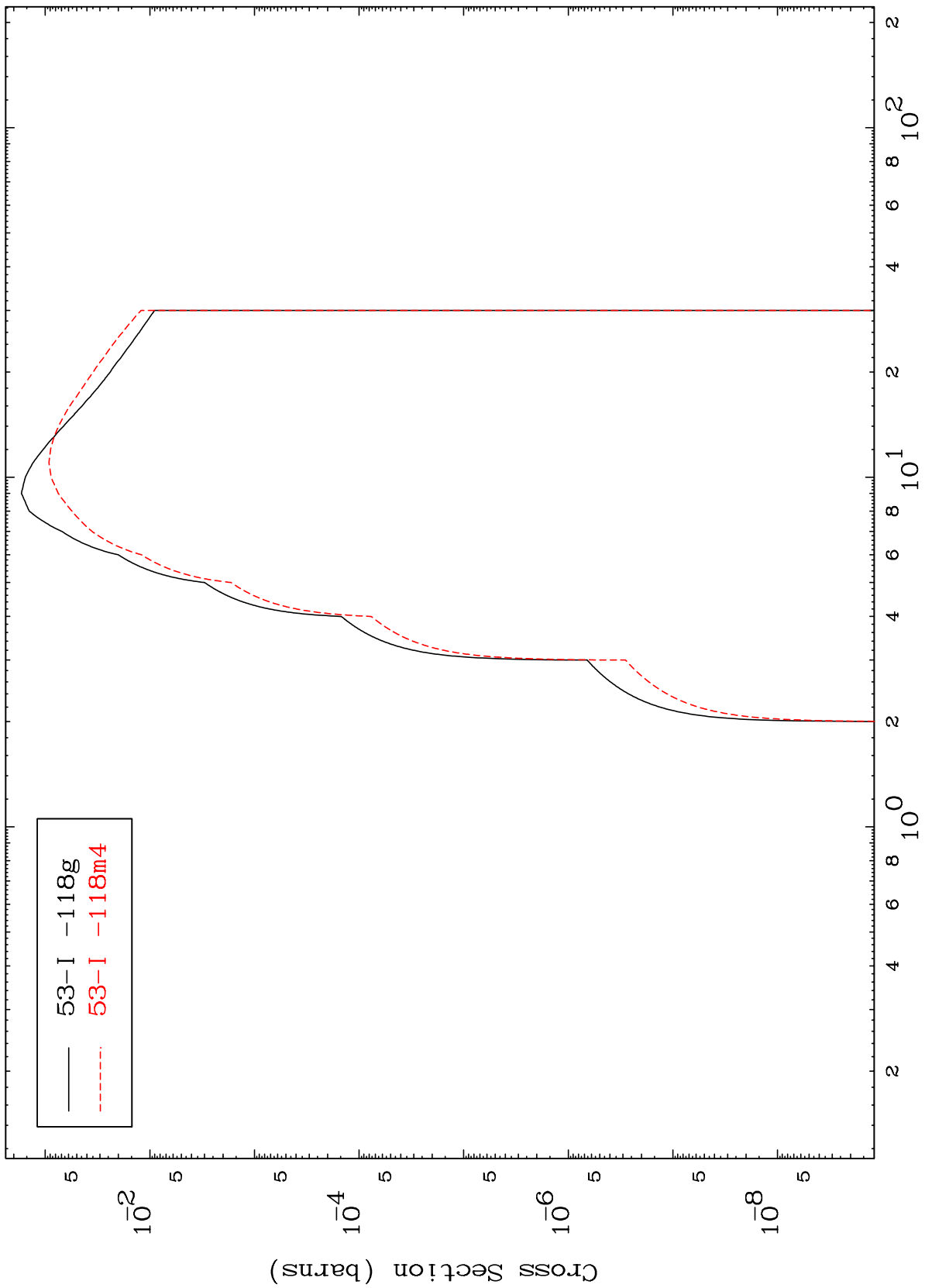
Incident Energy (MeV)

12

MAT 5216

52-Te-117

Inelastic
Radionuclide Production Cross Section



53-I -118g
53-I -118m4

52-Te-117

Incident Energy (MeV)

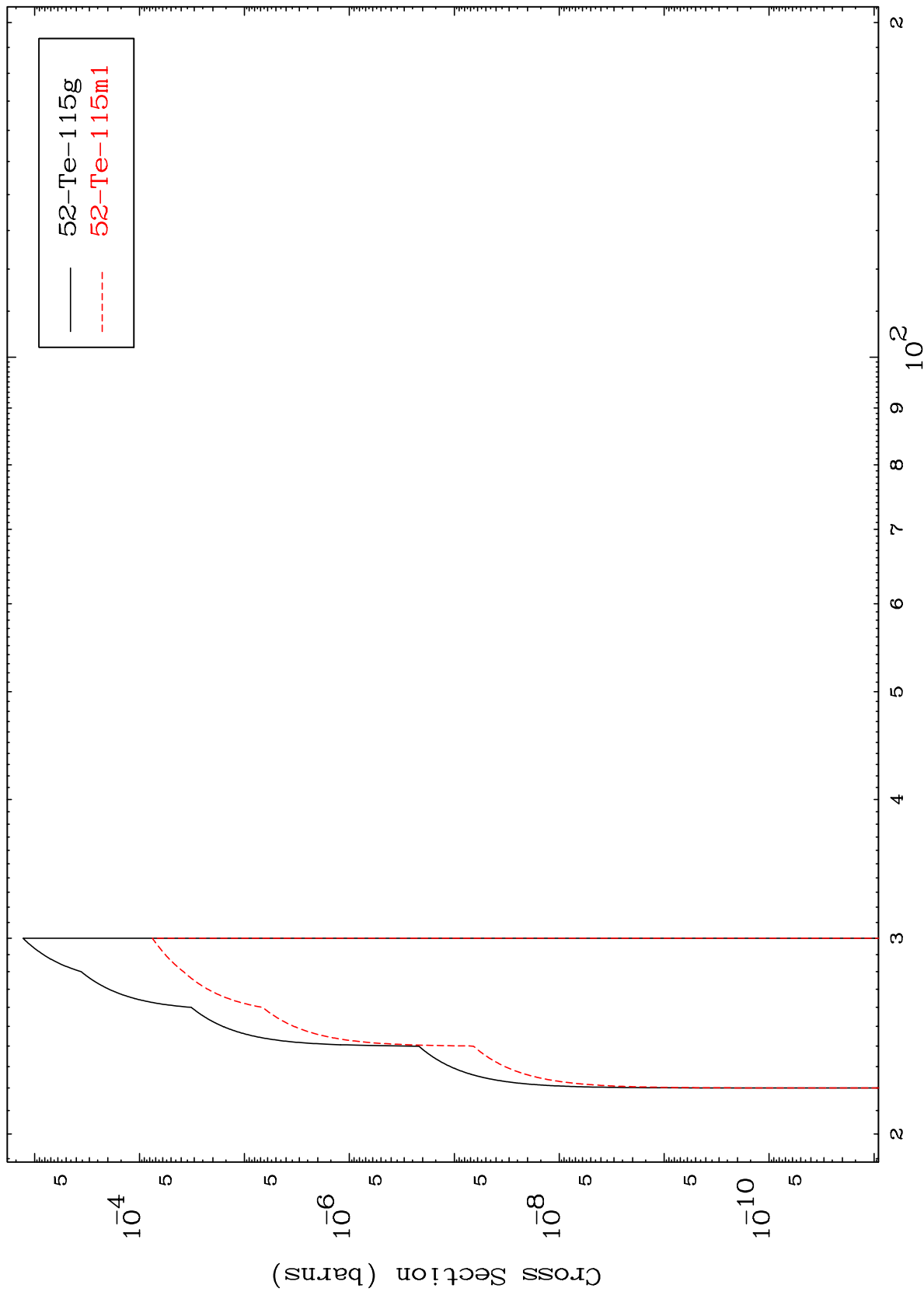
13

MAT 5216

(n,2n) d

52-Te-117

Radionuclide Production Cross Section



14

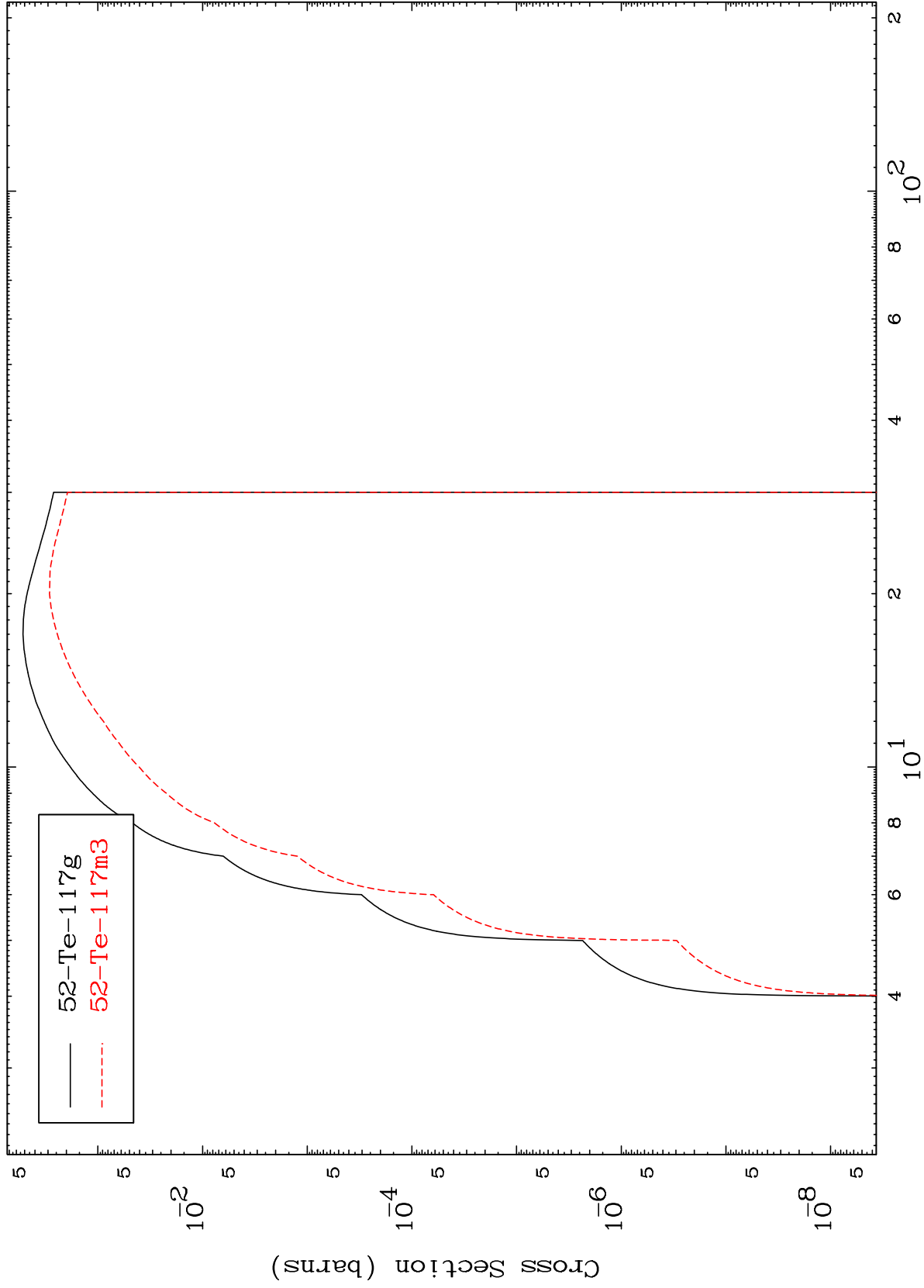
Incident Energy (MeV)

52-Te-117

MAT 5216

52-Te-117

(n,n') p
Radionuclide Production Cross Section



15

52-Te-117

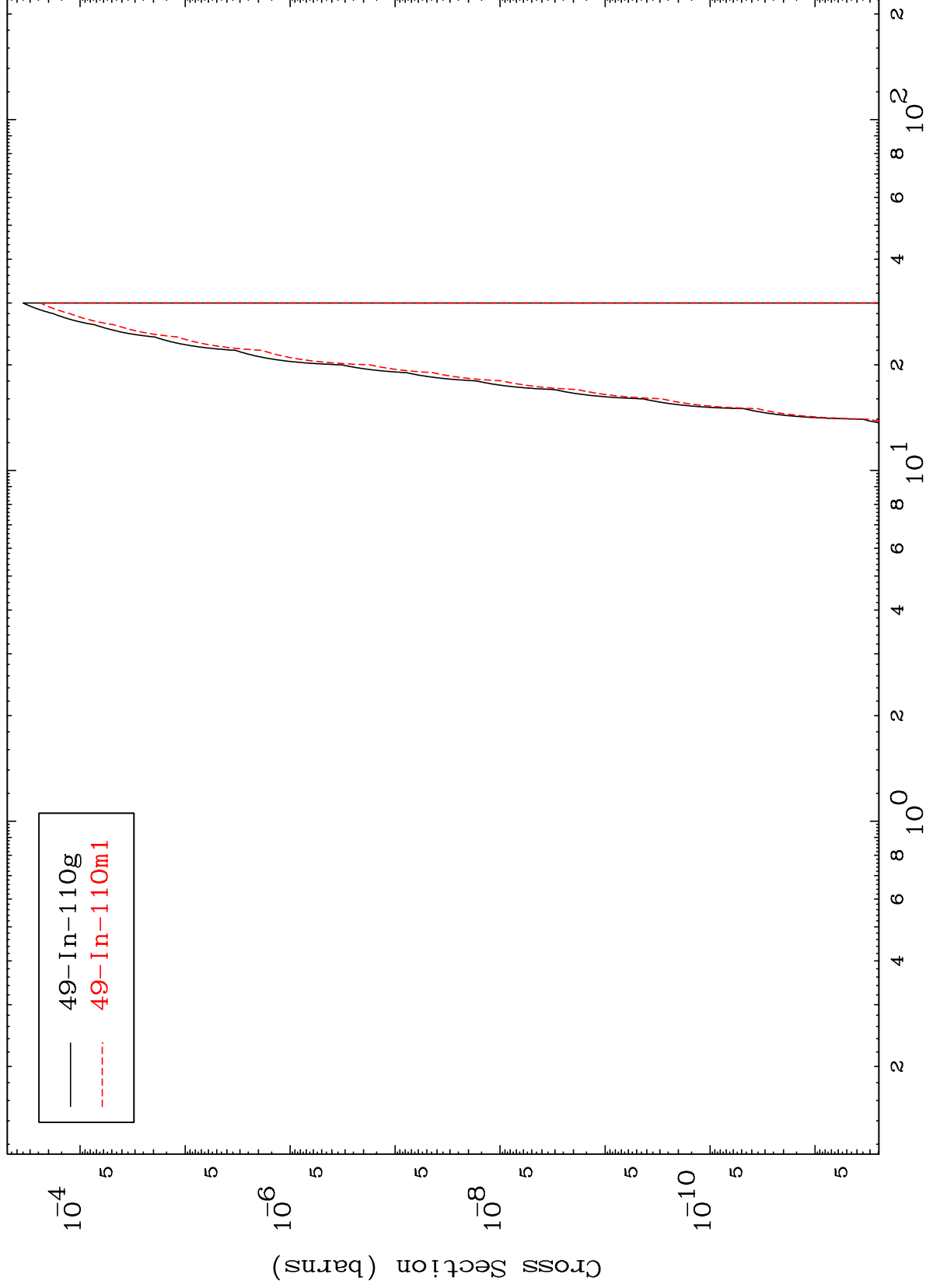
Incident Energy (MeV)

MAT 5216

(n,n') 2α

52-Te-117

Radionuclide Production Cross Section



16

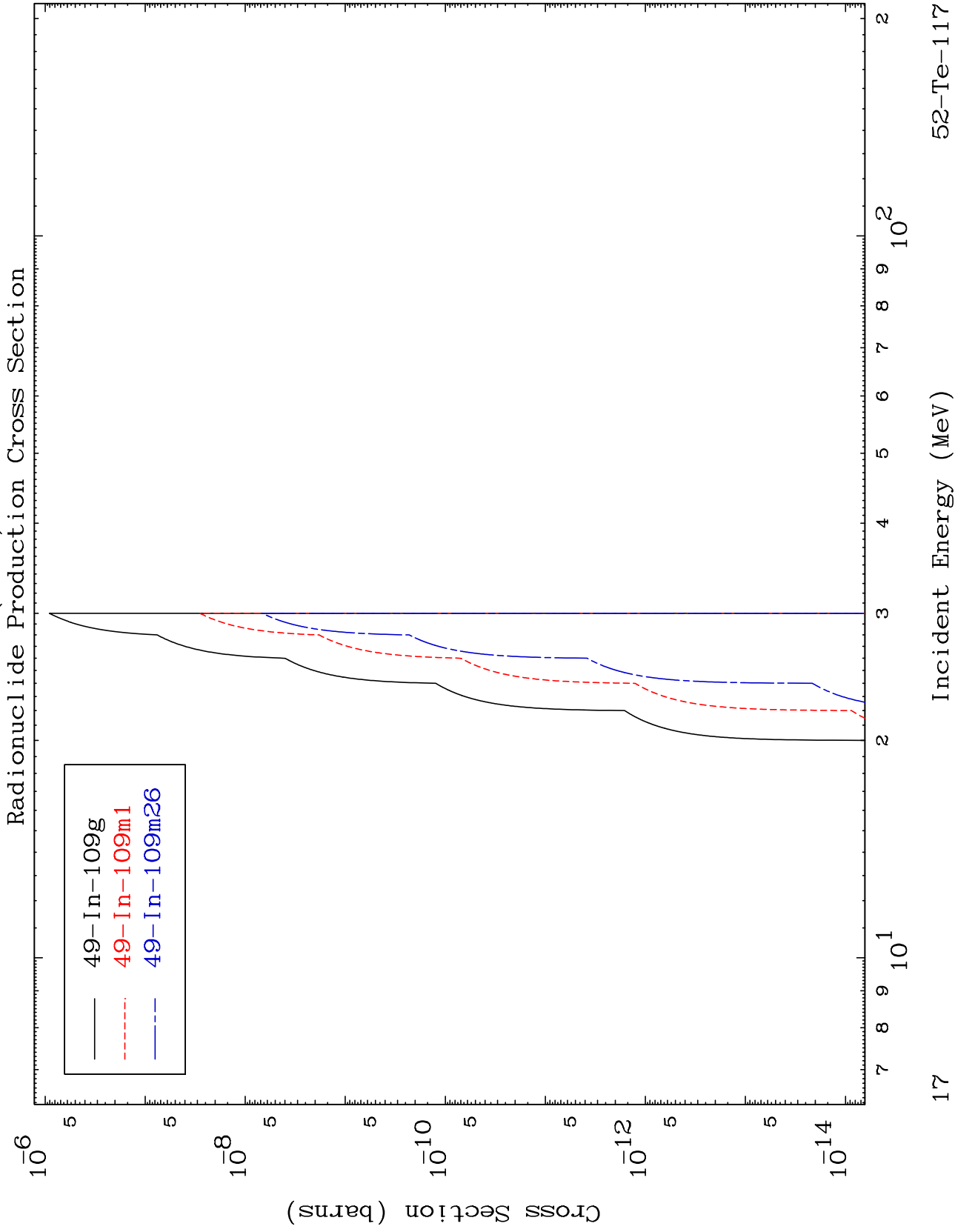
Incident Energy (MeV)

52-Te-117

MAT 5216

(n,2n) 2α

52-Te-117

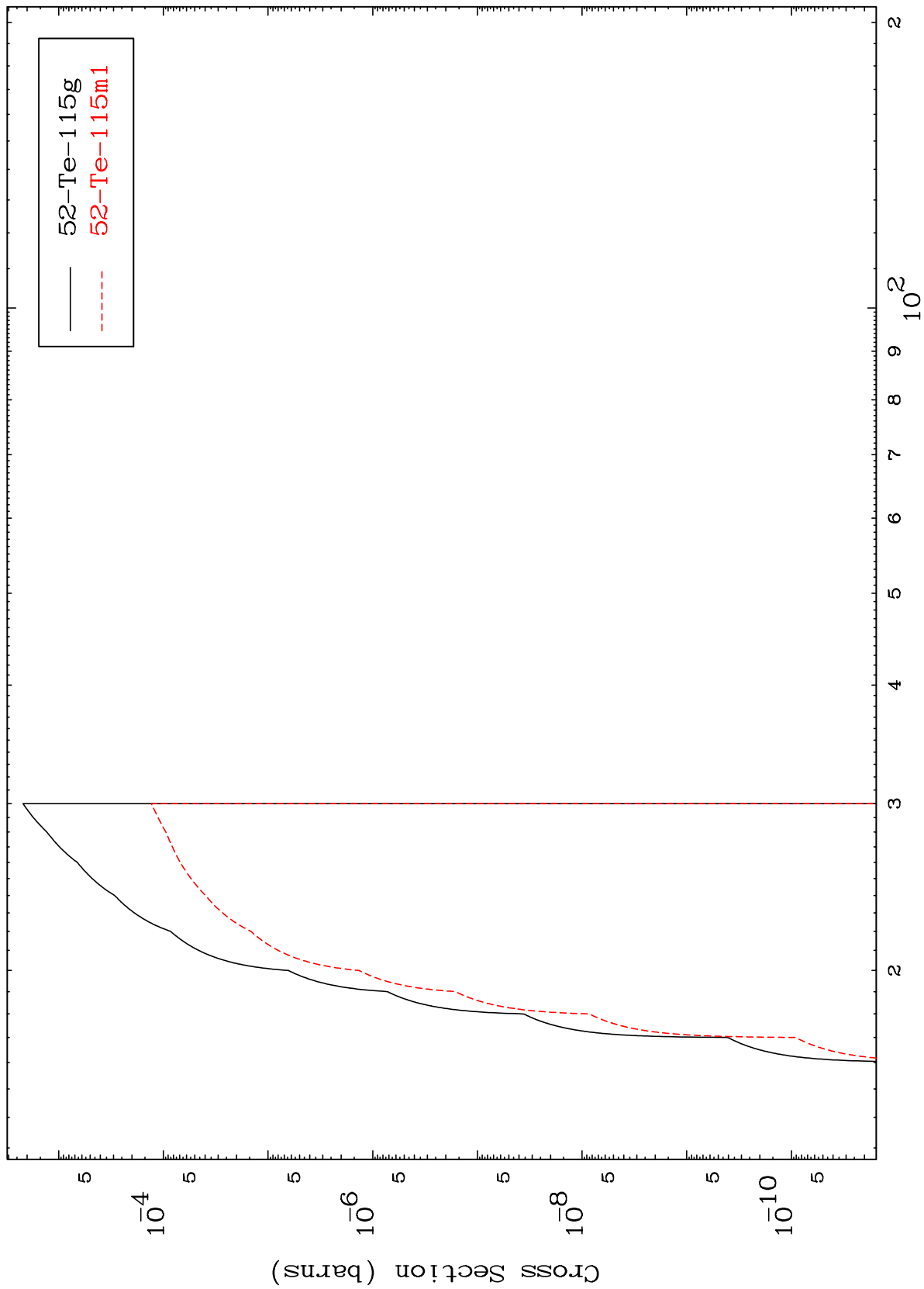


MAT 5216

(n,n') t

52-Te-117

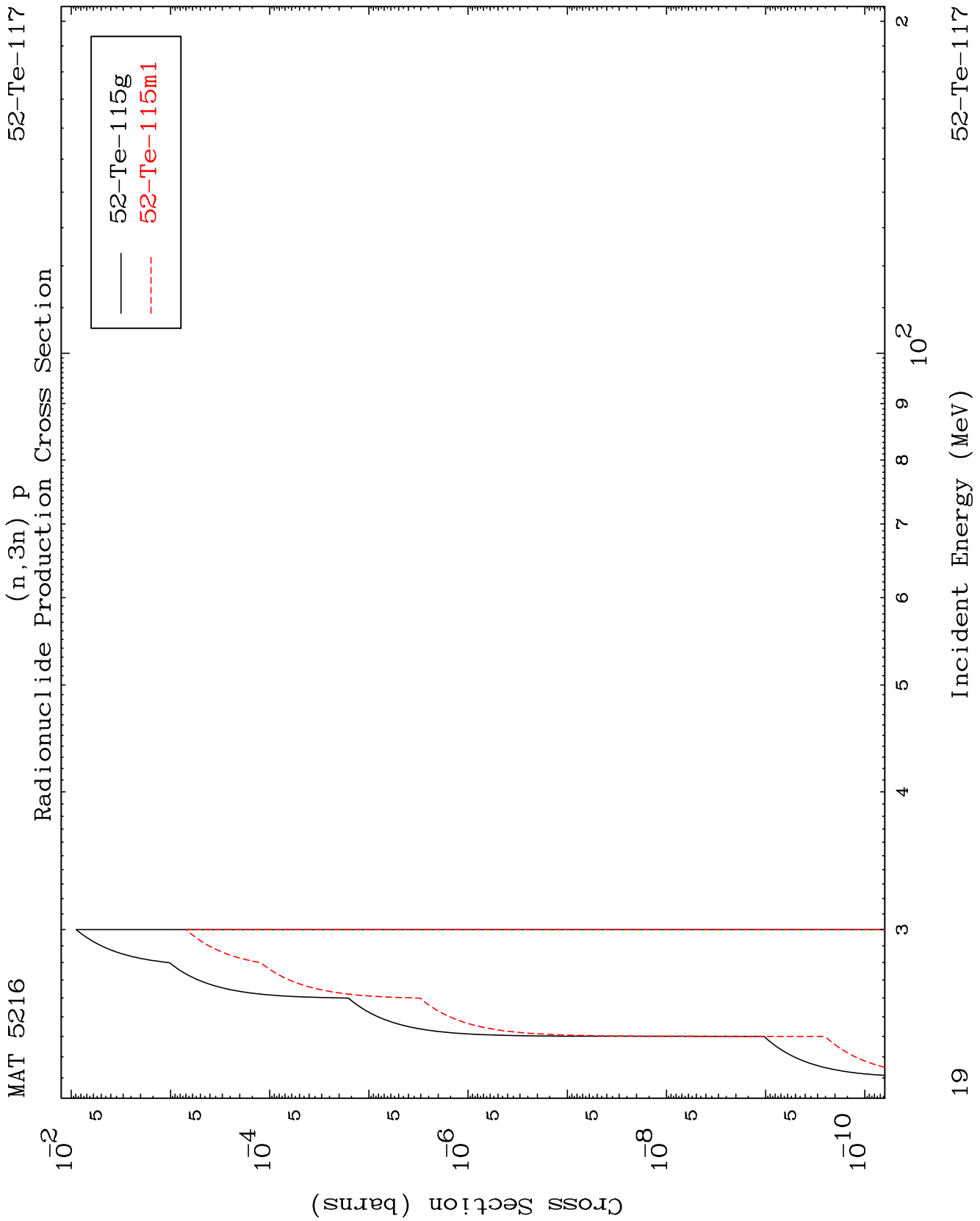
Radionuclide Production Cross Section



18

Incident Energy (MeV)

52-Te-117

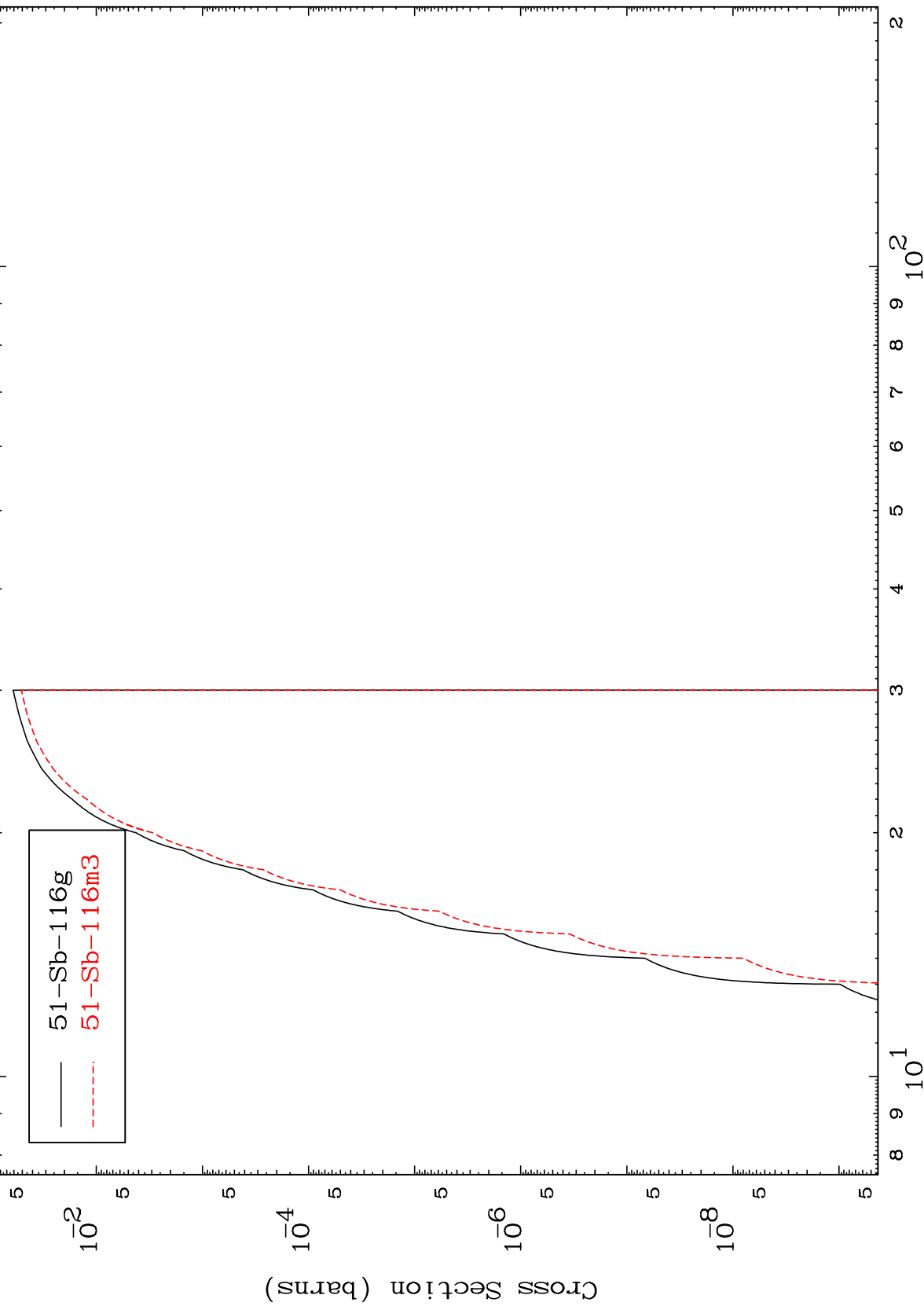


MAT 5216

(n,2n) p

52-Te-117

Radionuclide Production Cross Section



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

Incident Energy (MeV)

52-Te-117

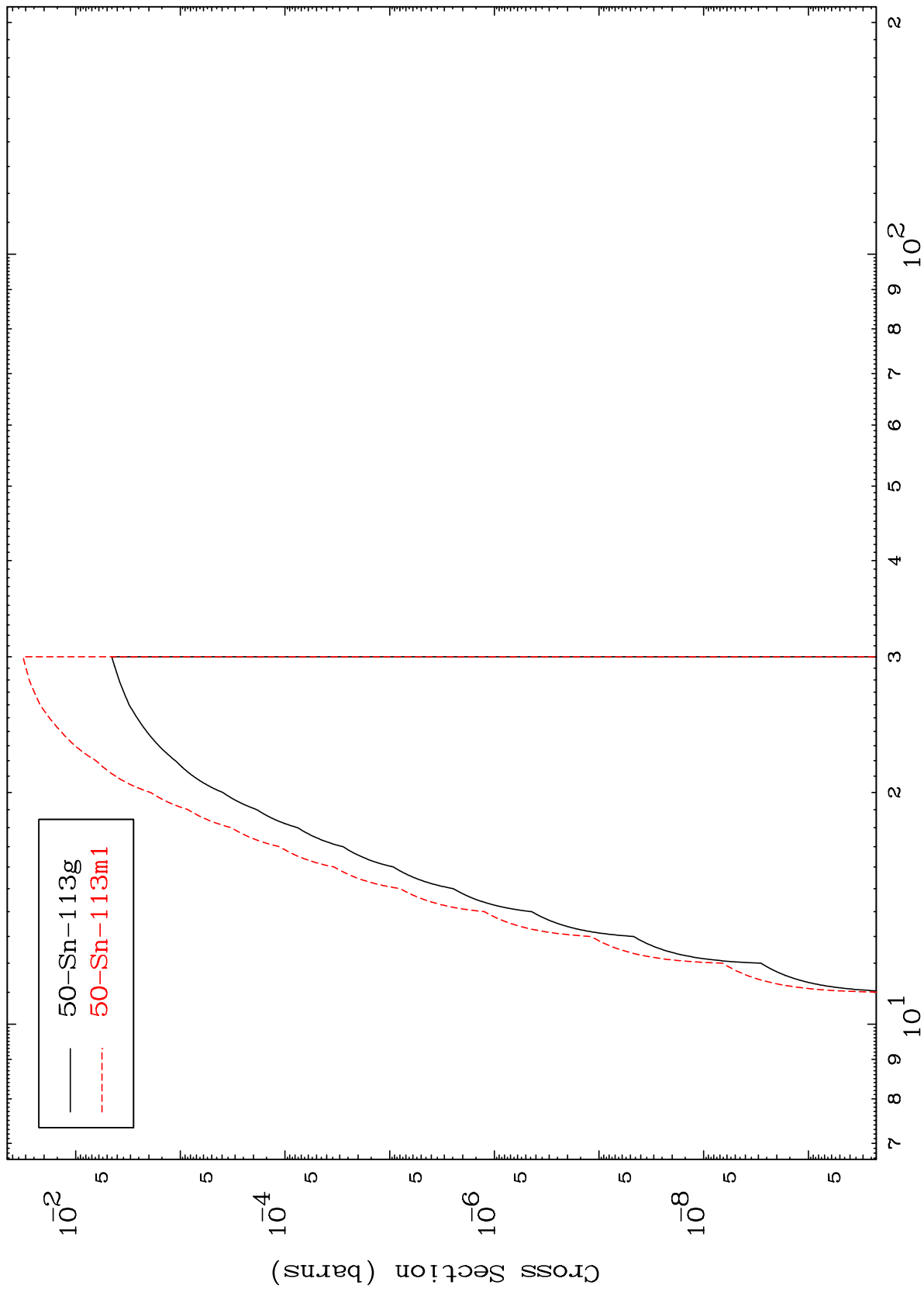
20

MAT 5216

(n,n') p α

52-Te-117

Radionuclide Production Cross Section



21

Incident Energy (MeV)

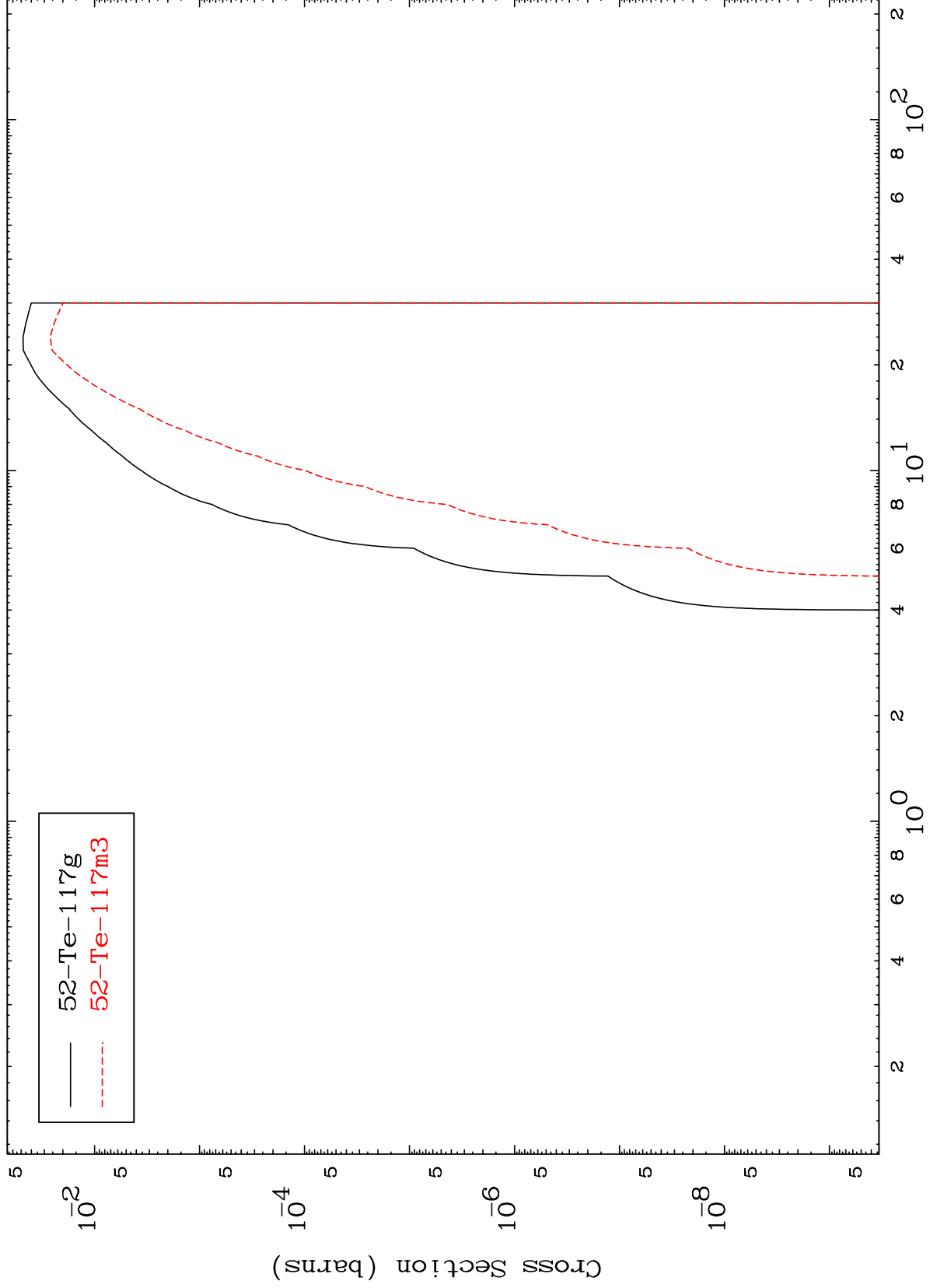
52-Te-117

MAT 5216

(n,d)

52-Te-117

Radionuclide Production Cross Section

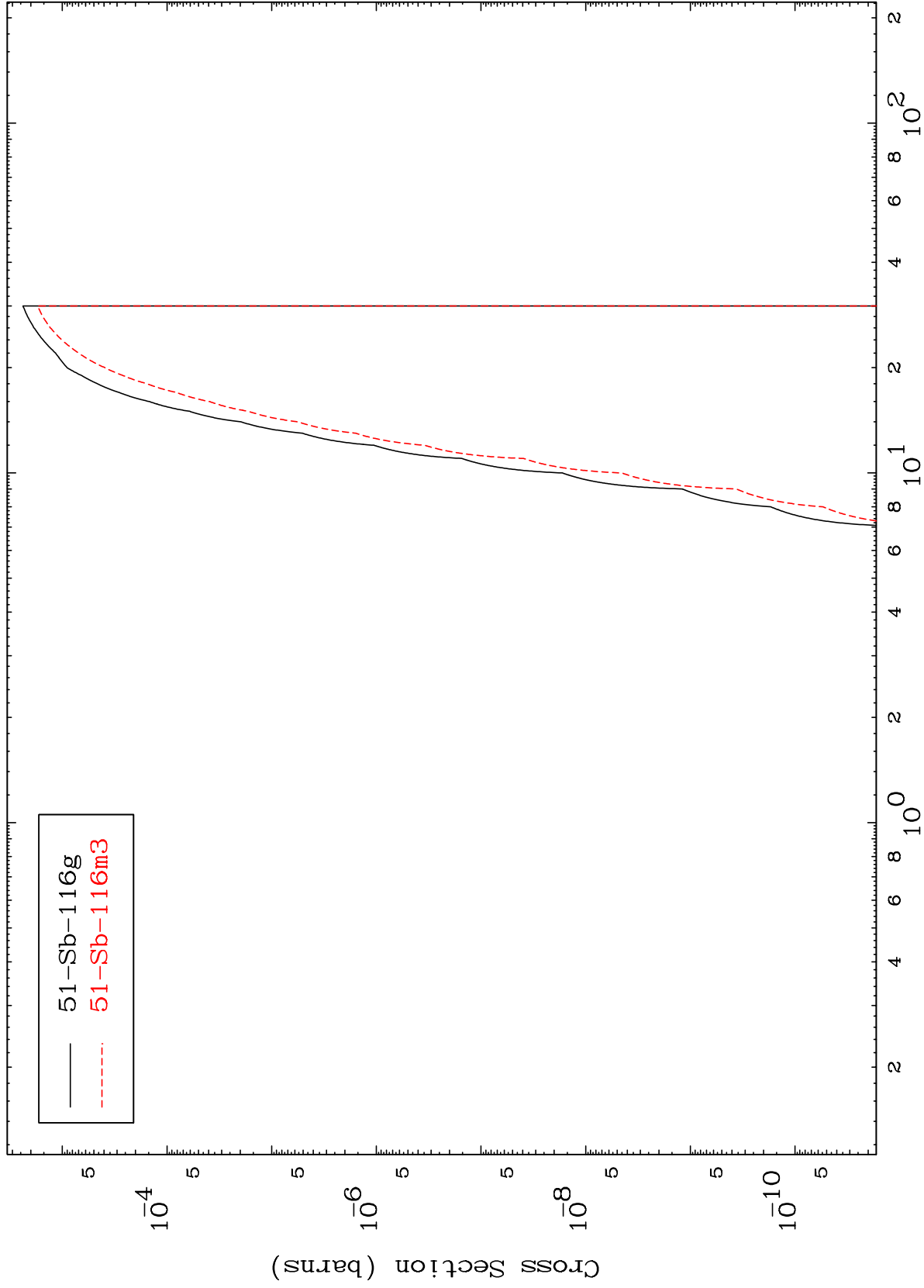


MAT 5216

(n,He-3)

52-Te-117

Radionuclide Production Cross Section

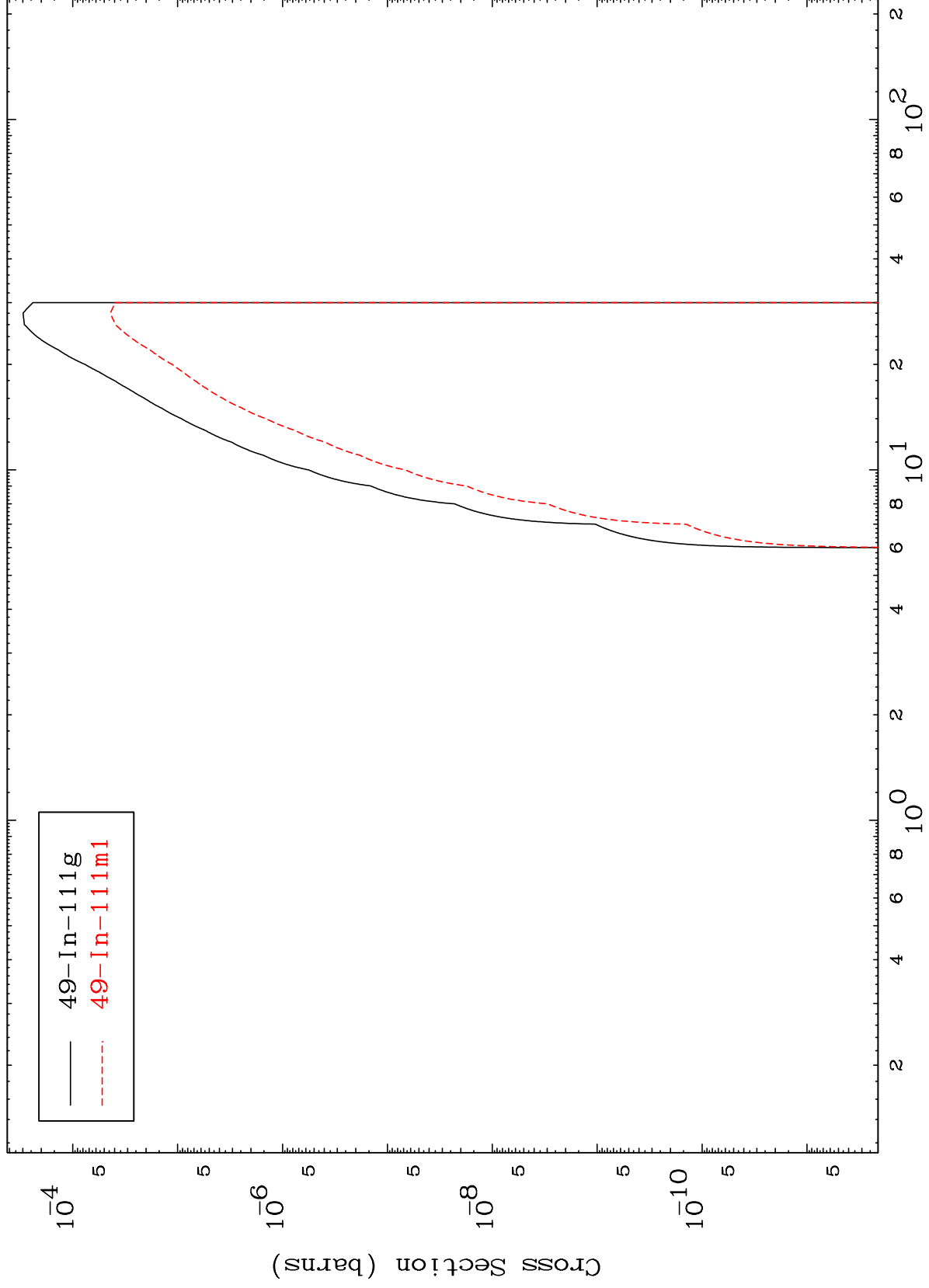


MAT 5216

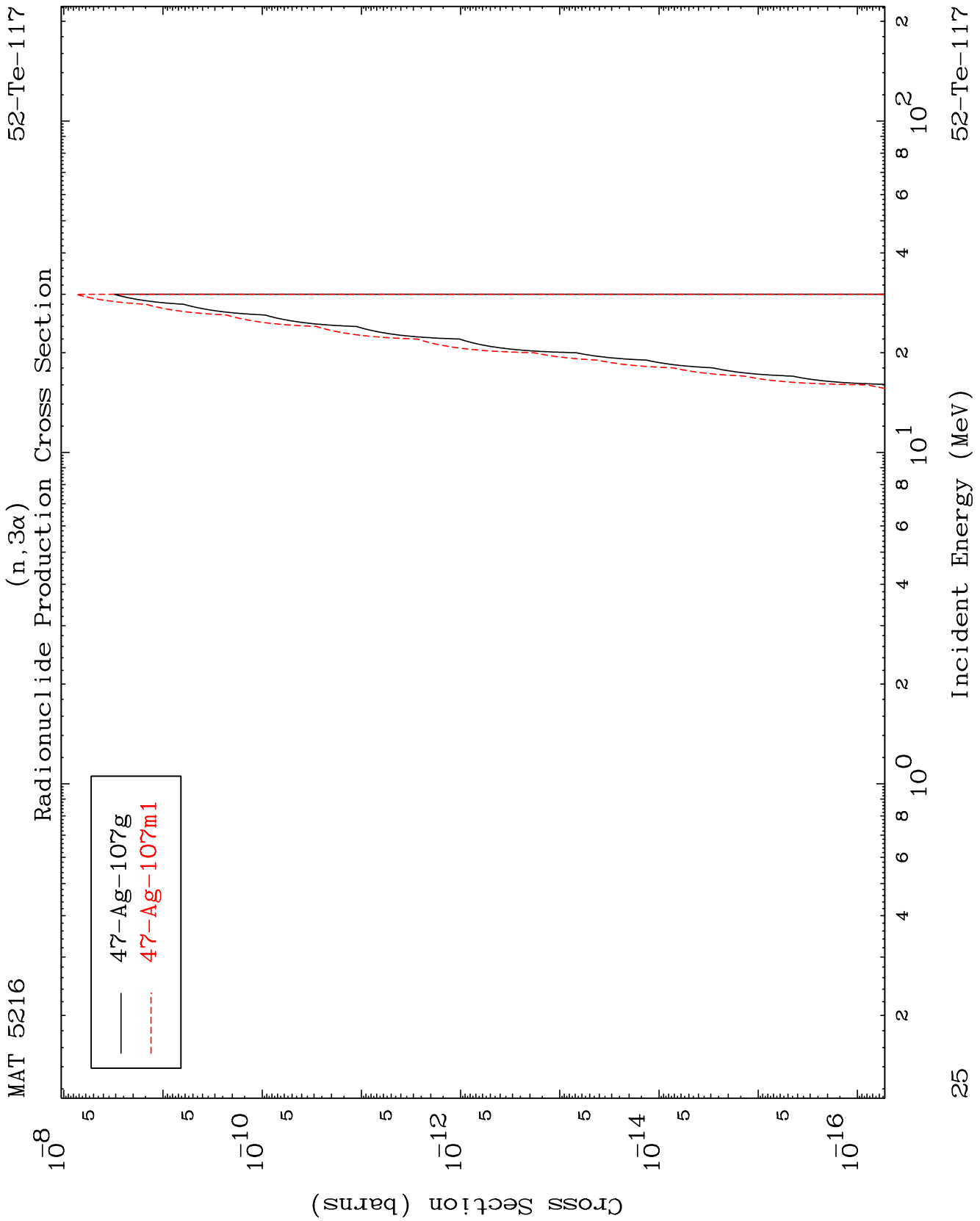
(n,2α)

52-Te-117

Radionuclide Production Cross Section



— 49-In-111g
- - - 49-In-111m1

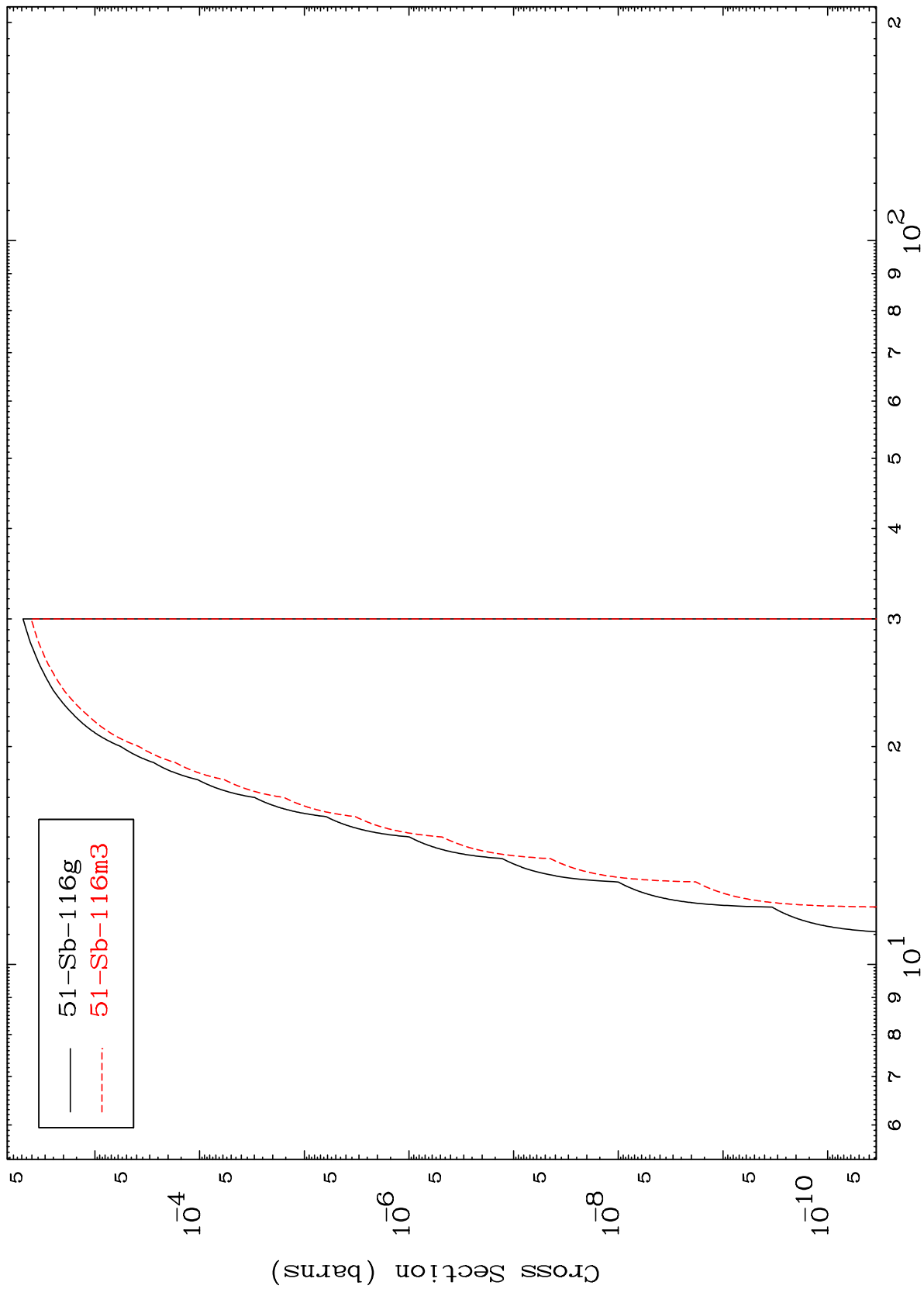


MAT 5216

(n,p) d

52-Te-117

Radionuclide Production Cross Section



26

Incident Energy (MeV)

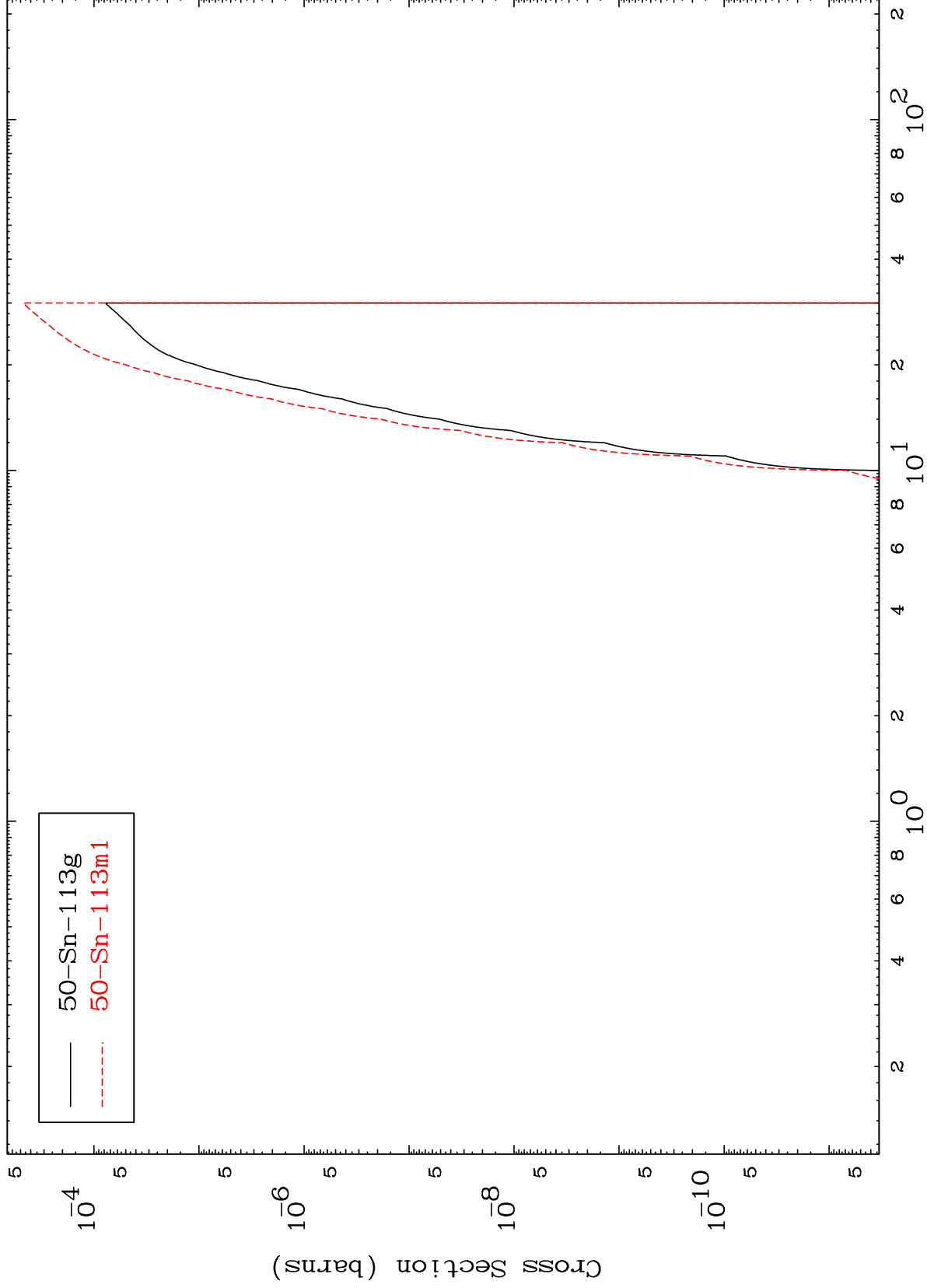
52-Te-117

MAT 5216

(n,d) α

52-Te-117

Radionuclide Production Cross Section



27

Incident Energy (MeV)

52-Te-117