

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

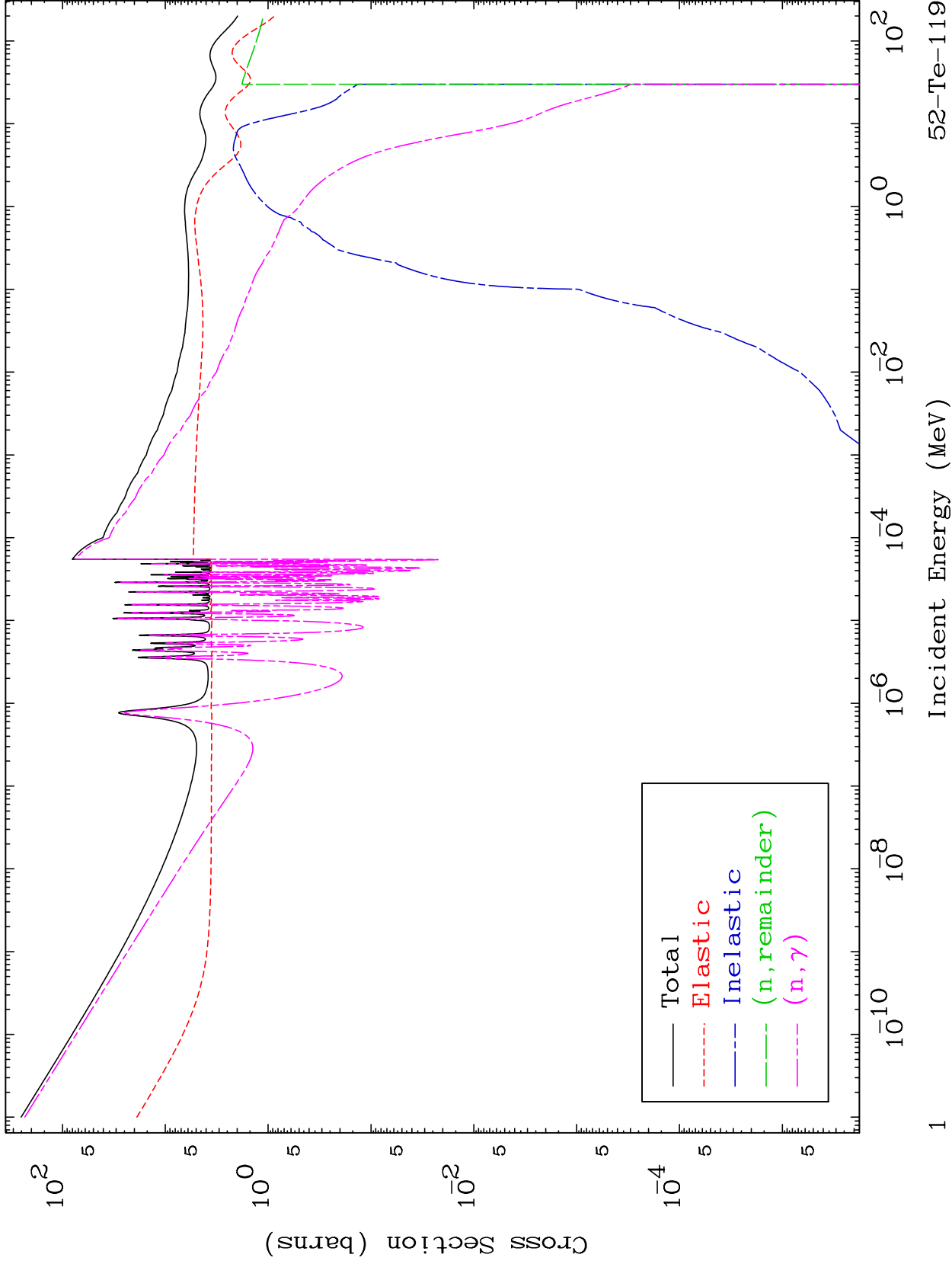
Press Mouse Button to Start

MAT 5223

Major

293 Kelvin Cross Sections

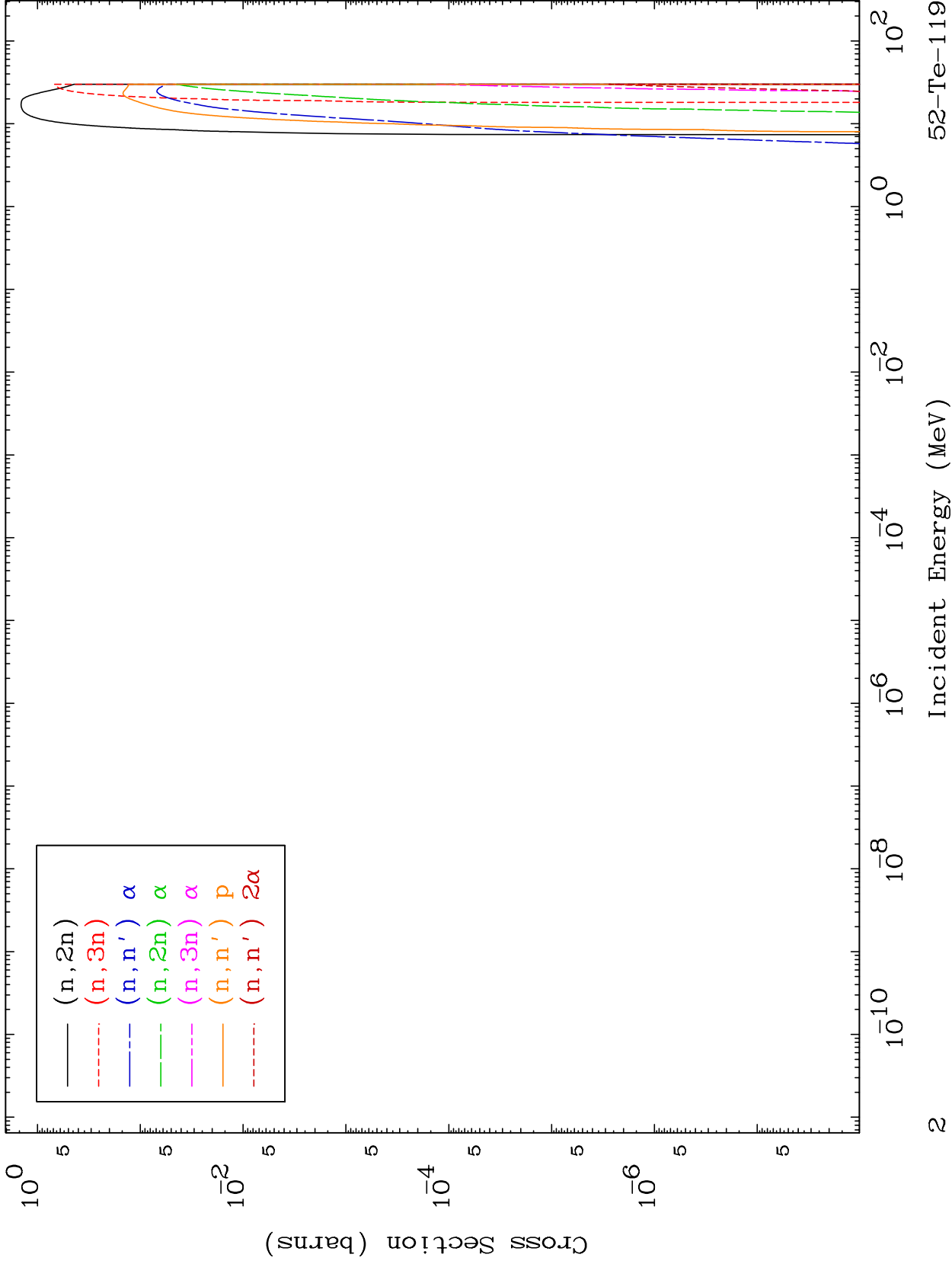
52-Te-119

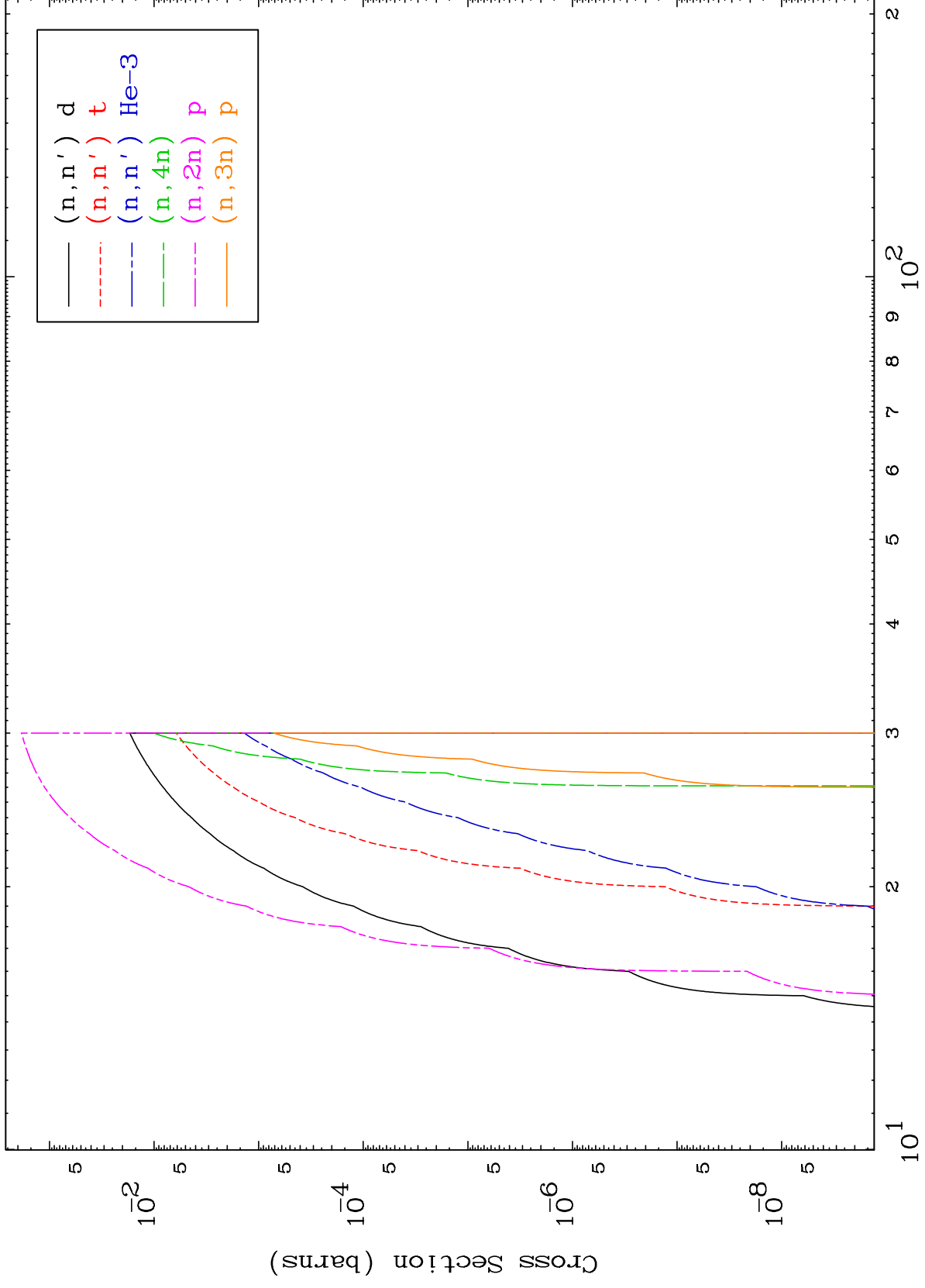


MAT 5223

Neutron Production  
293 Kelvin Cross Sections

52-Te-119

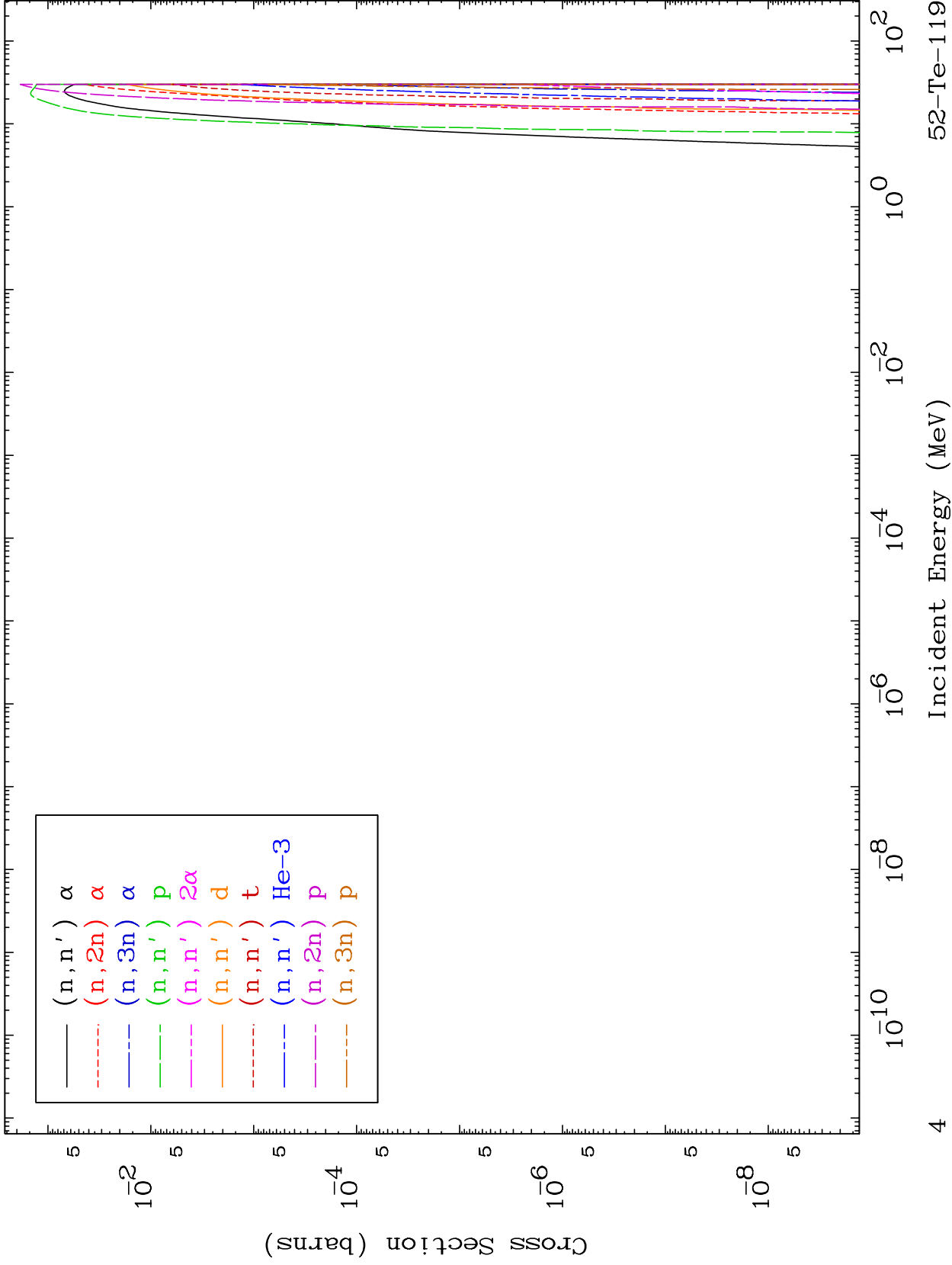




MAT 5223

Charged Particle  
293 Kelvin Cross Sections

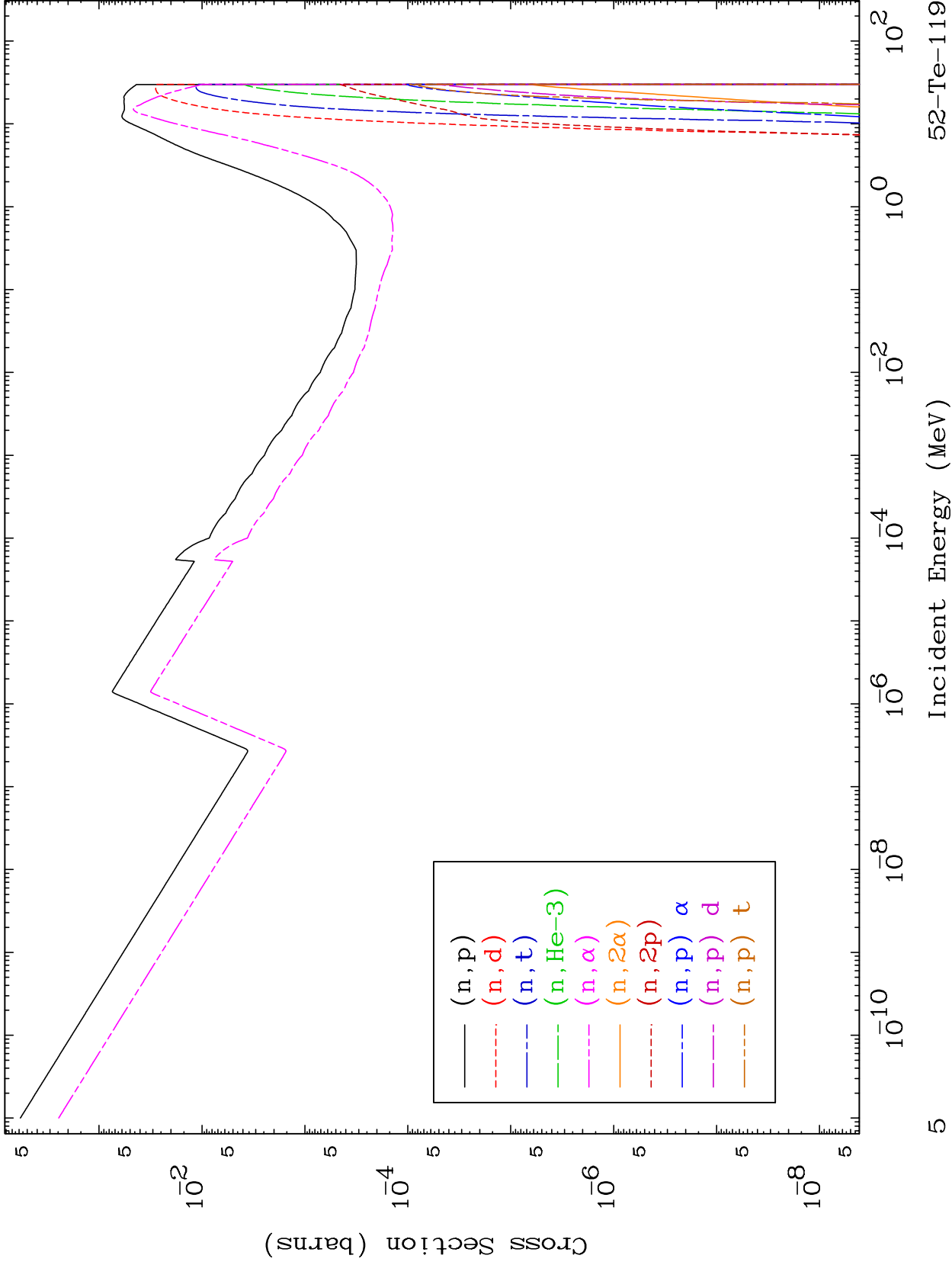
52-Te-119



MAT 5223

Charged Particle  
293 Kelvin Cross Sections

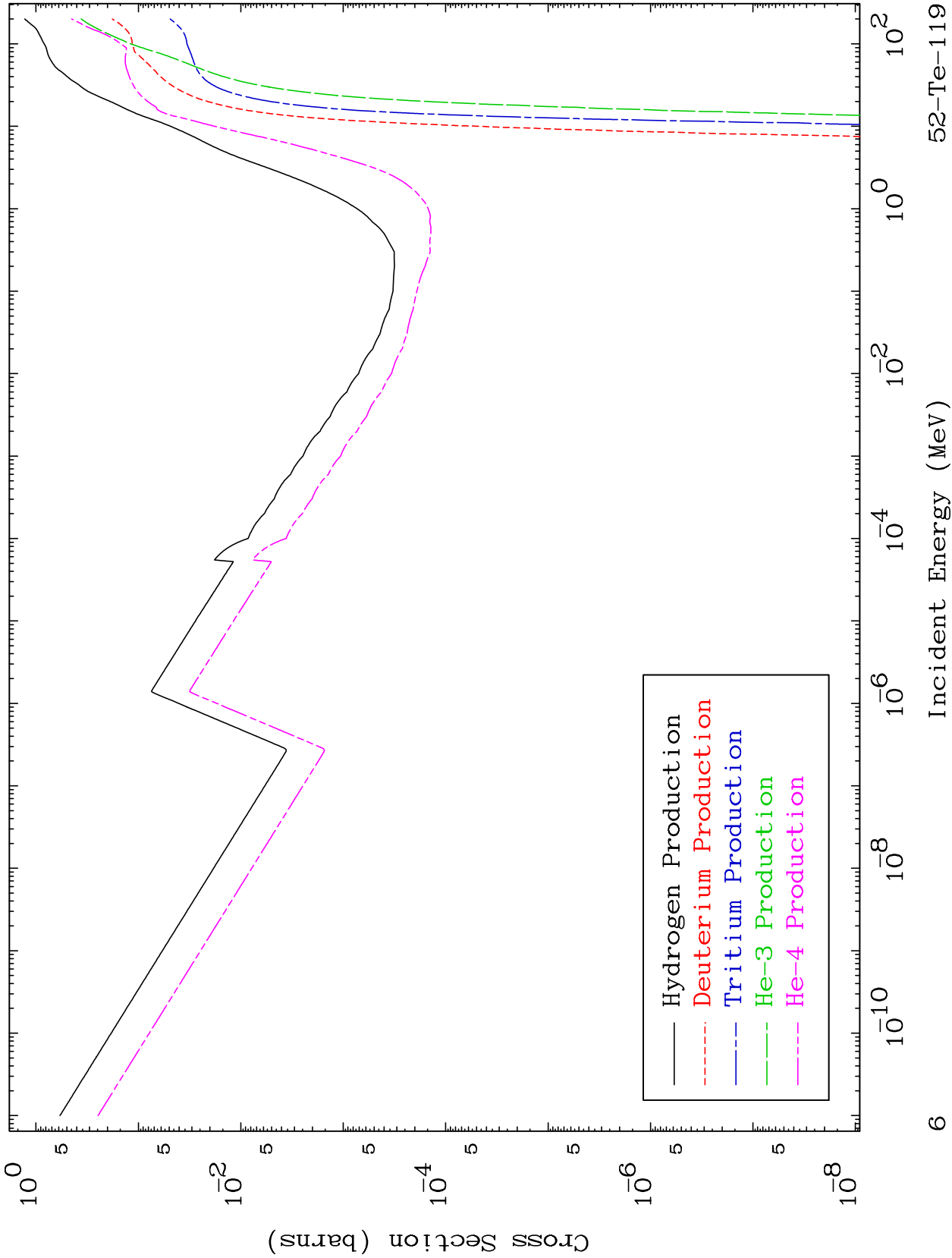
52-Te-119



MAT 5223

Particle Production  
293 Kelvin Cross Sections

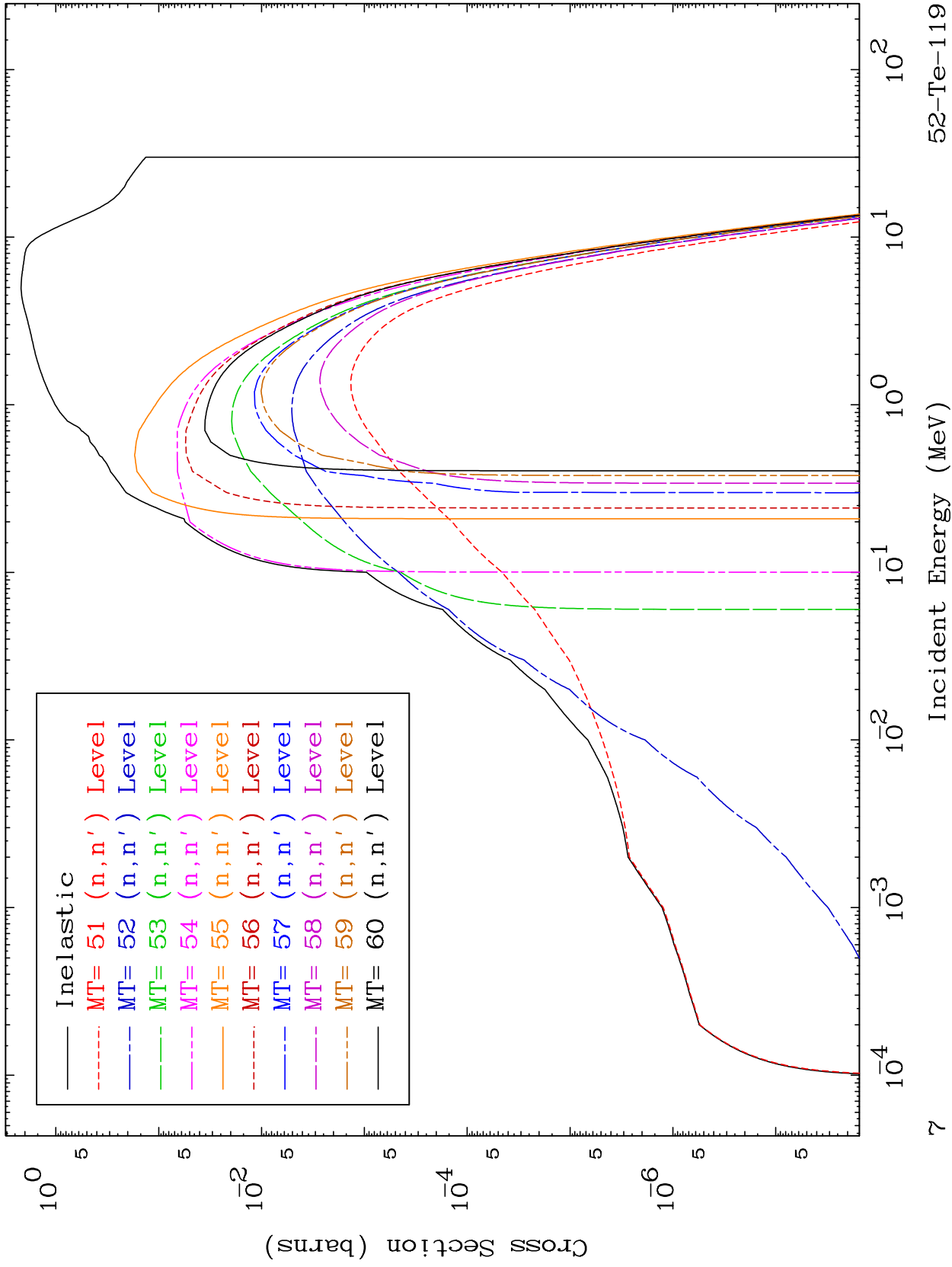
52-Te-119



MAT 5223

293 Kelvin Cross Sections

52-Te-119



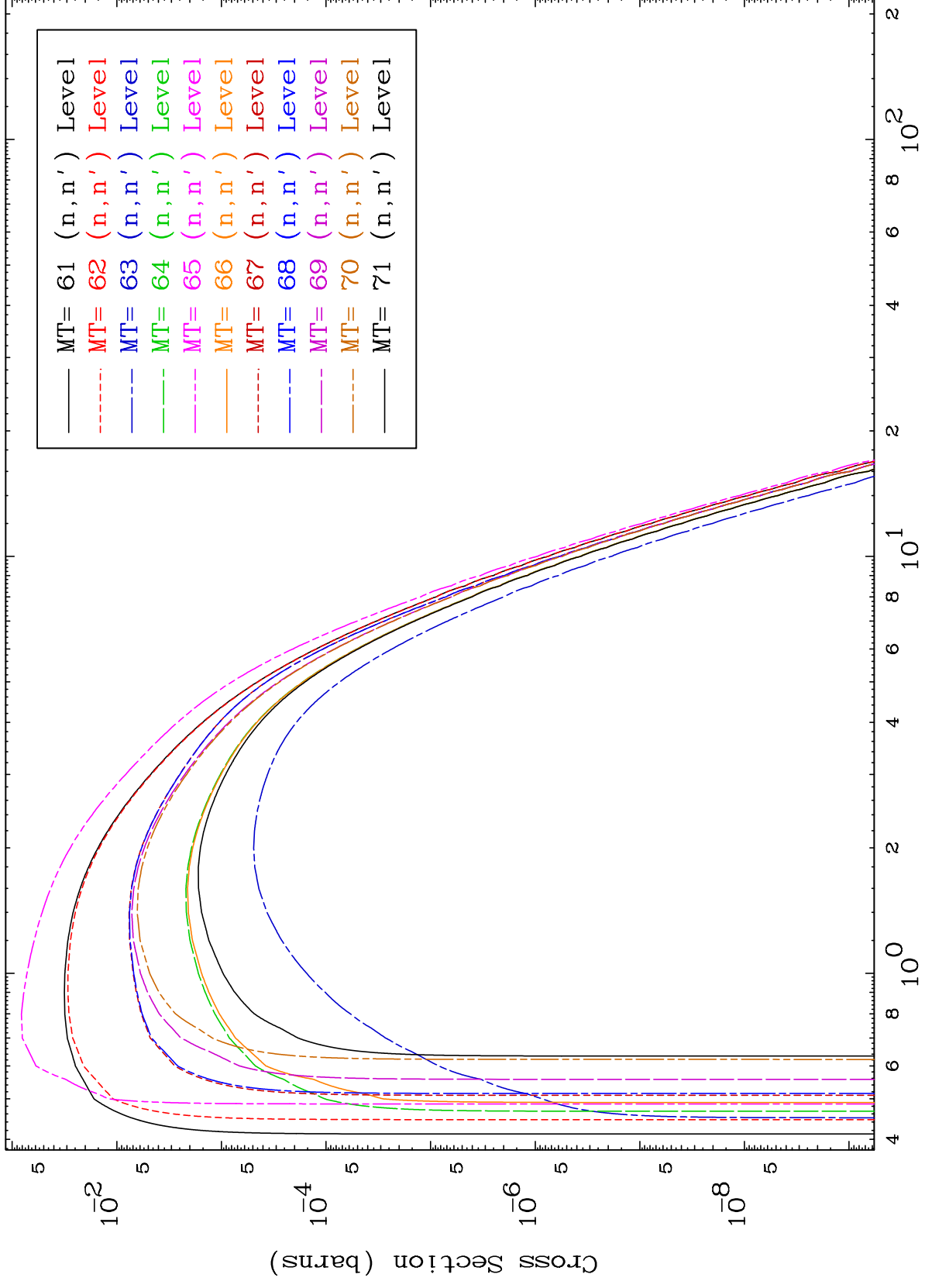


MAT 5223

(n,n') Level

52-Te-119

293 Kelvin Cross Sections

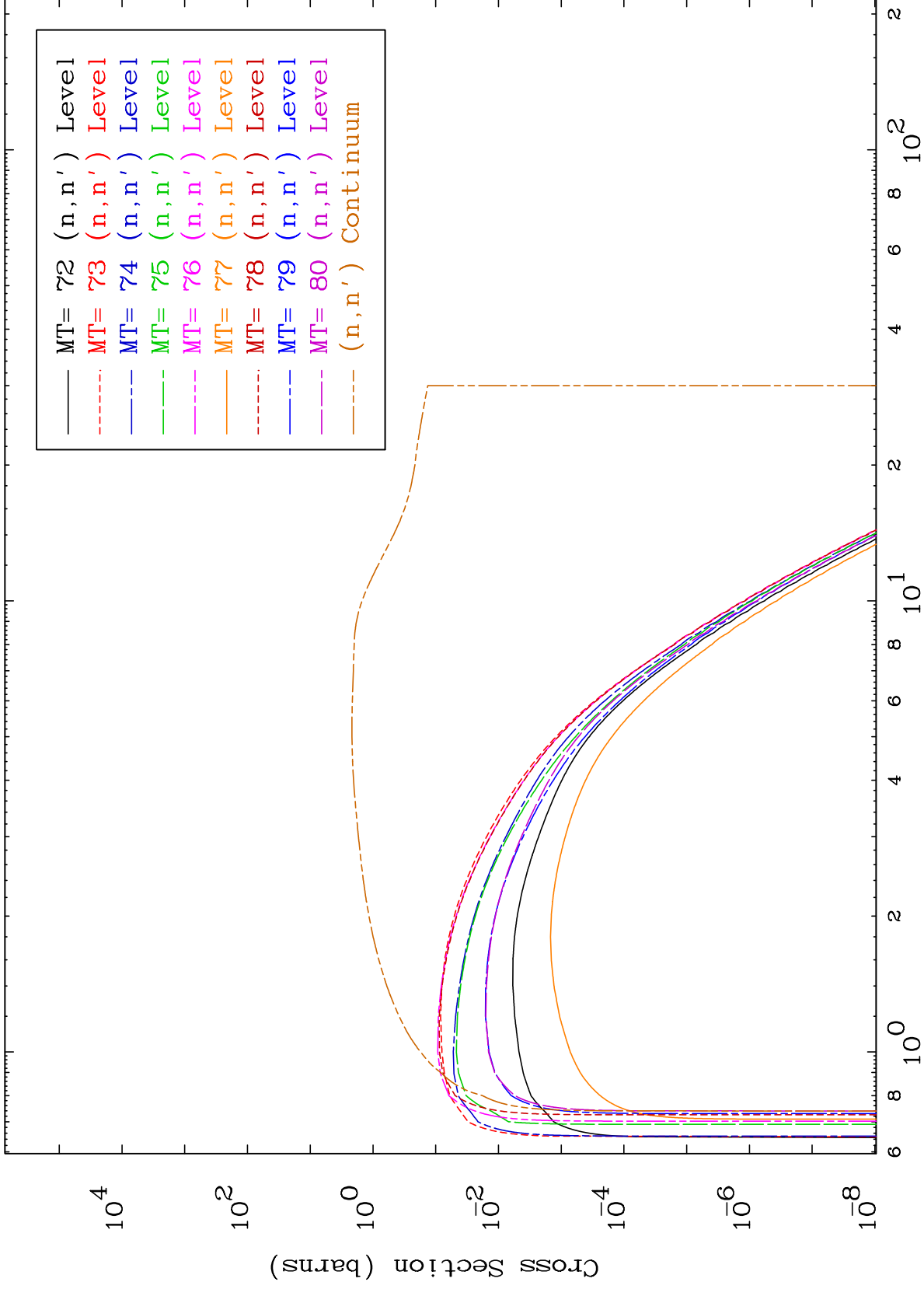


Incident Energy (MeV)

52-Te-119

8

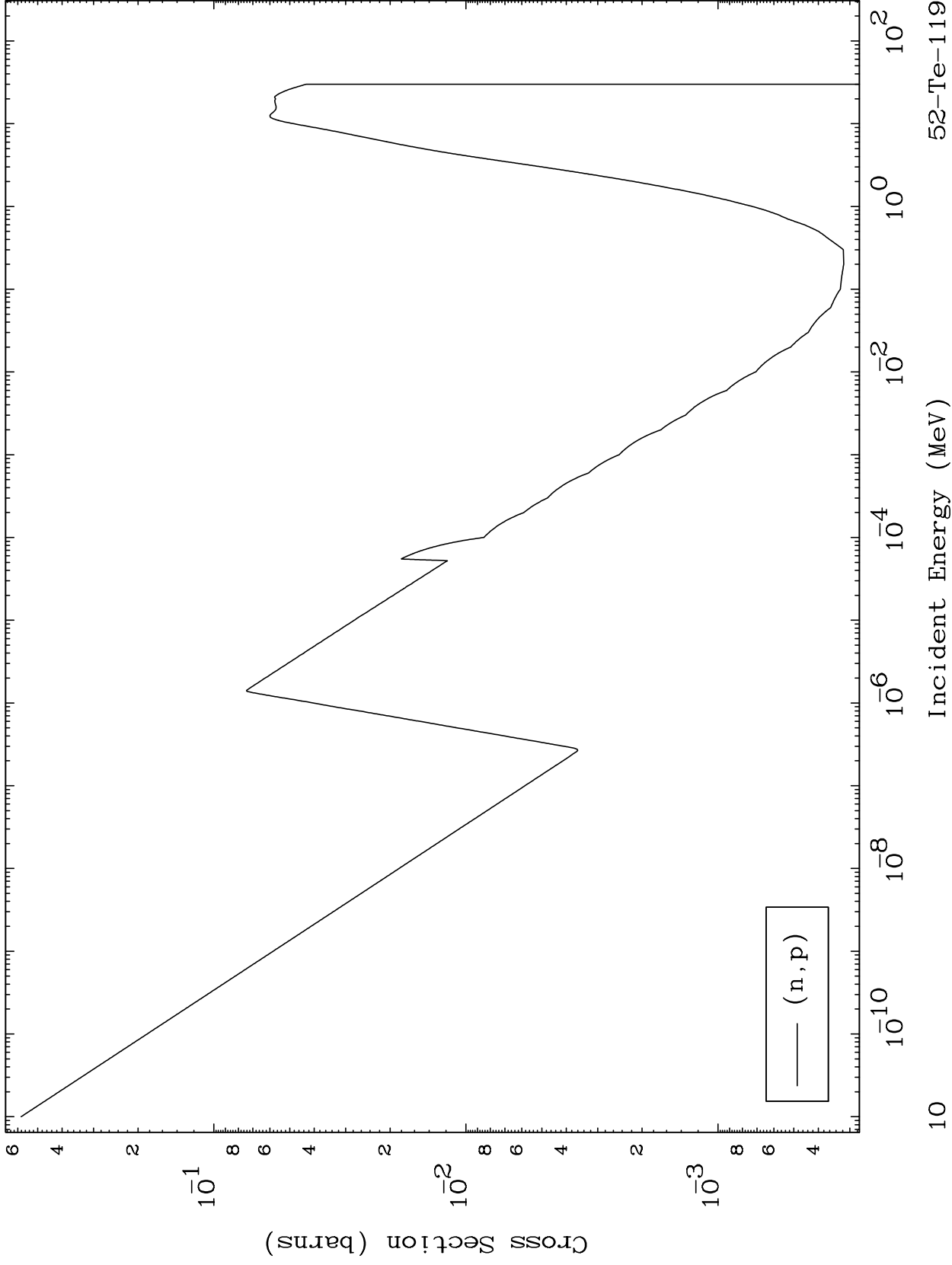
293 Kelvin Cross Sections



MAT 5223

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-119



10

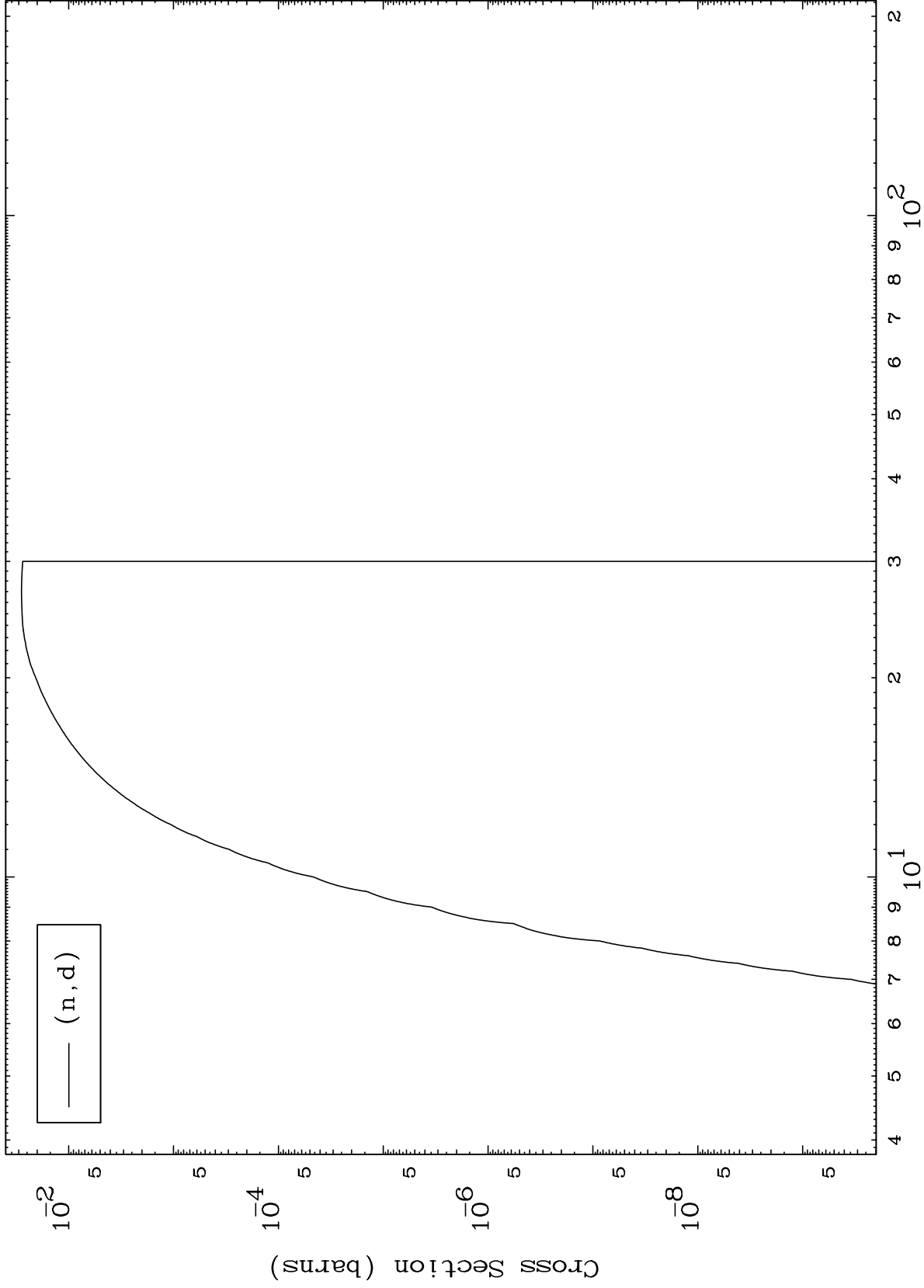
Incident Energy (MeV)

52-Te-119

MAT 5223

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-119



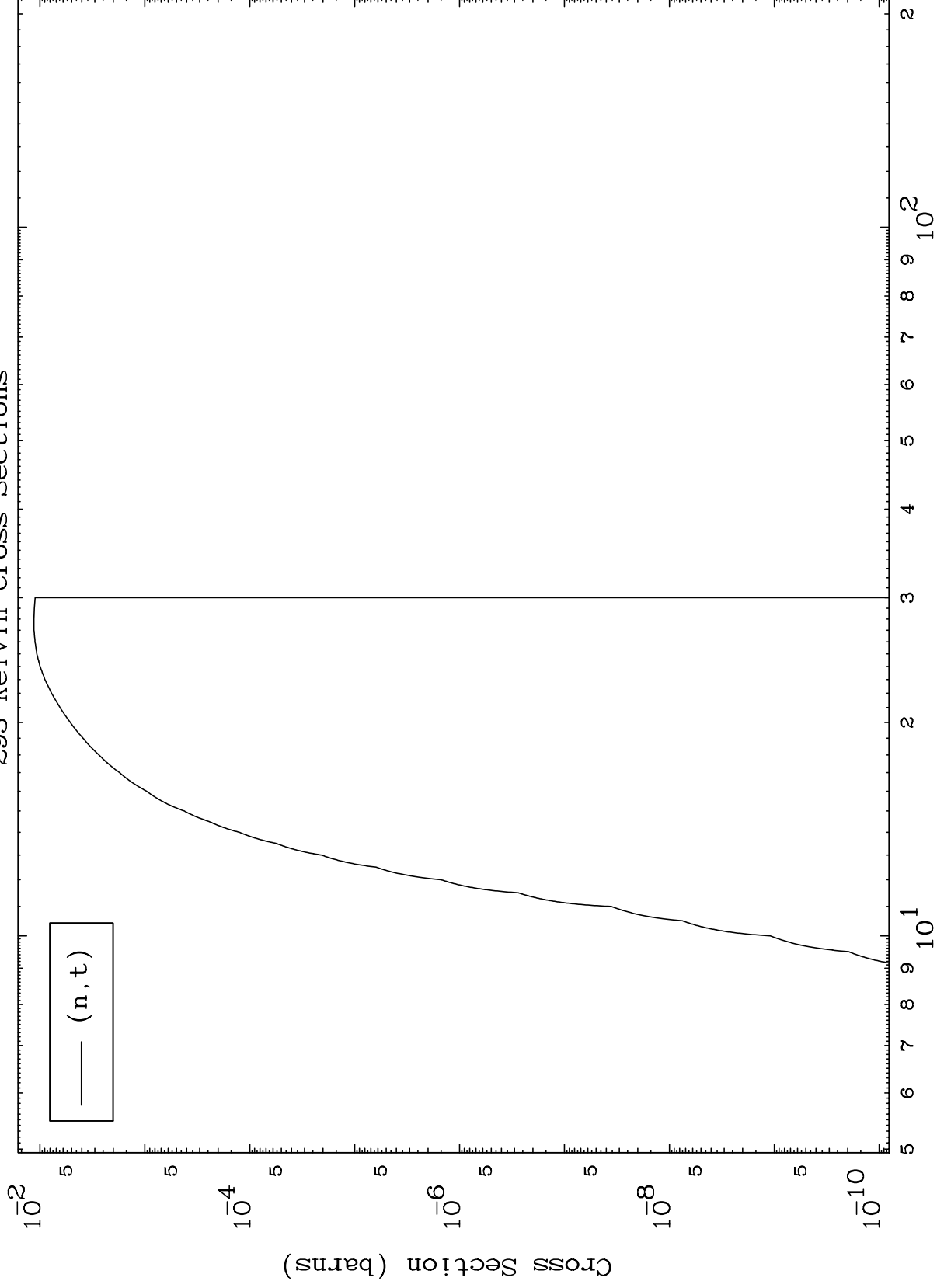
11

52-Te-119

MAT 5223

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-119



12

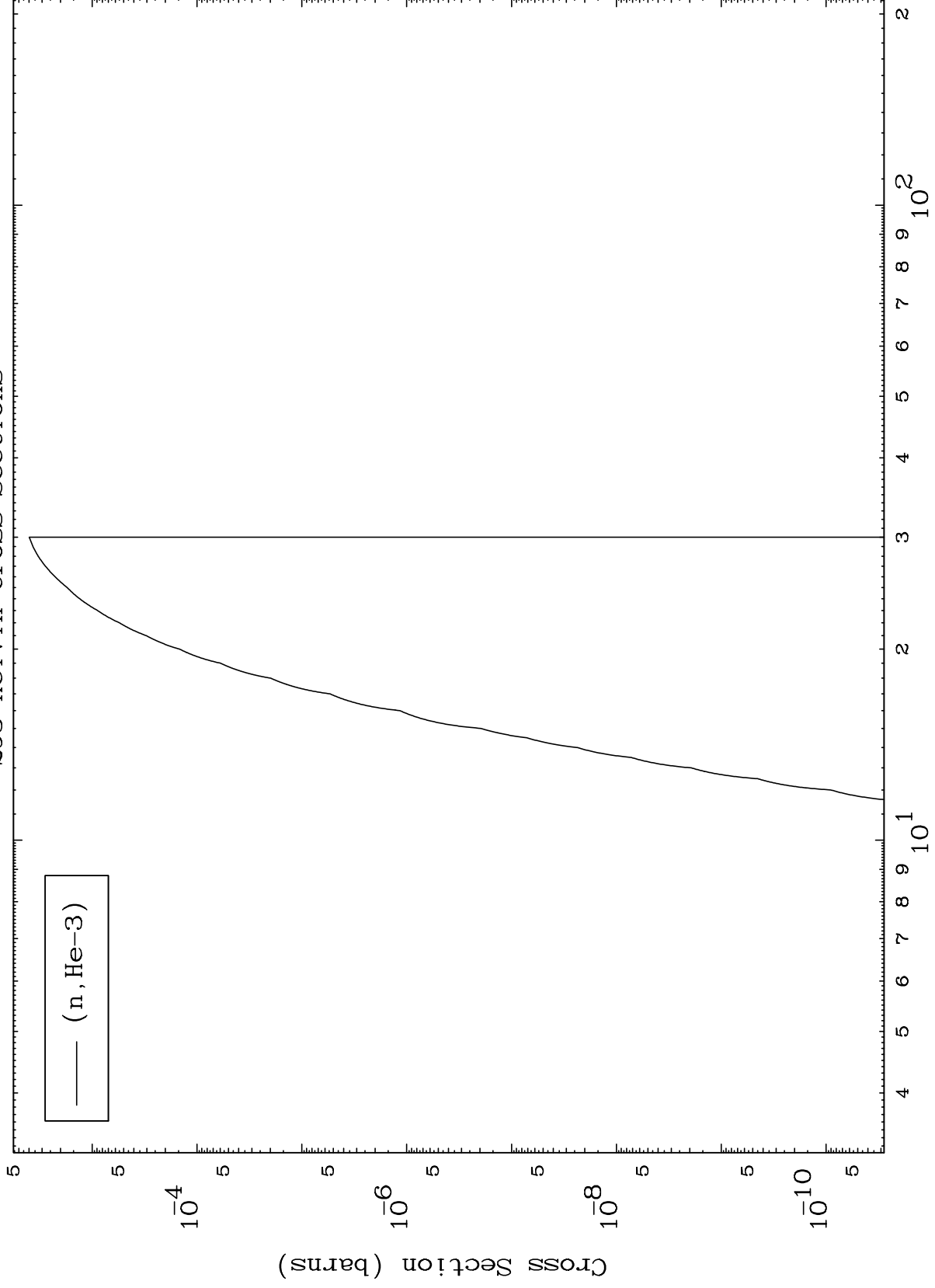
Incident Energy (MeV)

52-Te-119

MAT 5223

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-119



13

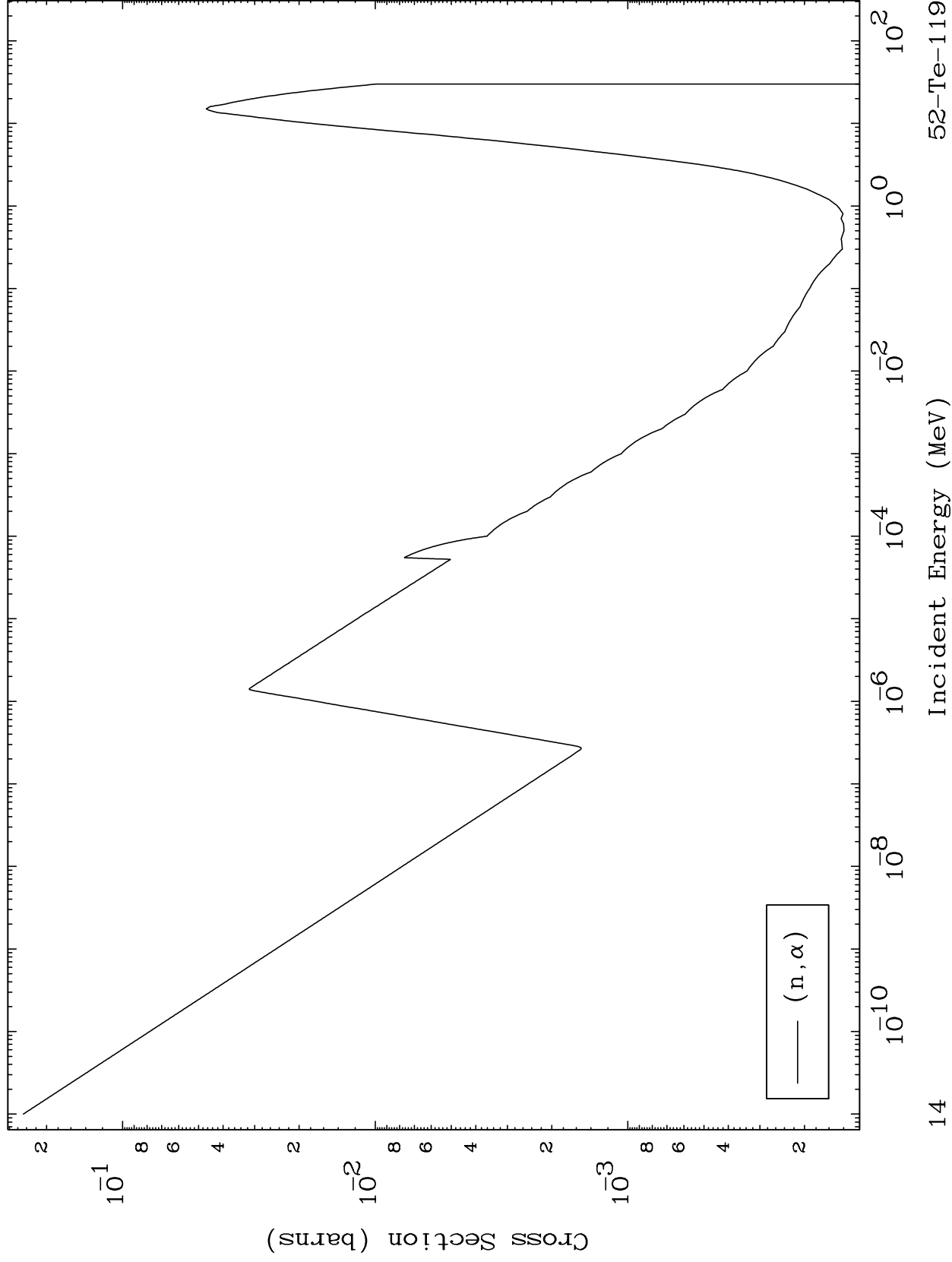
Incident Energy (MeV)

52-Te-119

MAT 5223

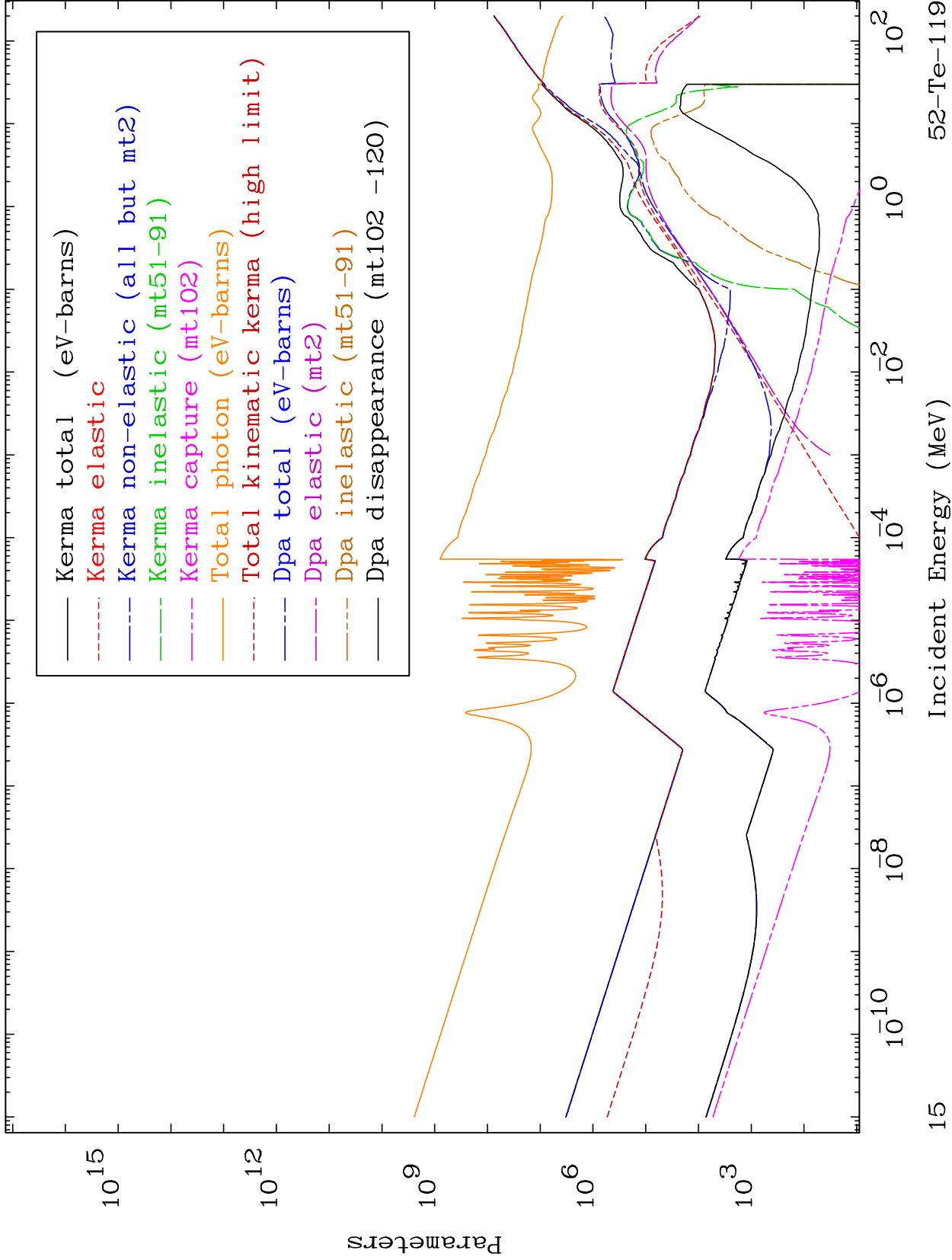
(n,α) Levels  
293 Kelvin Cross Sections

52-Te-119



14

52-Te-119

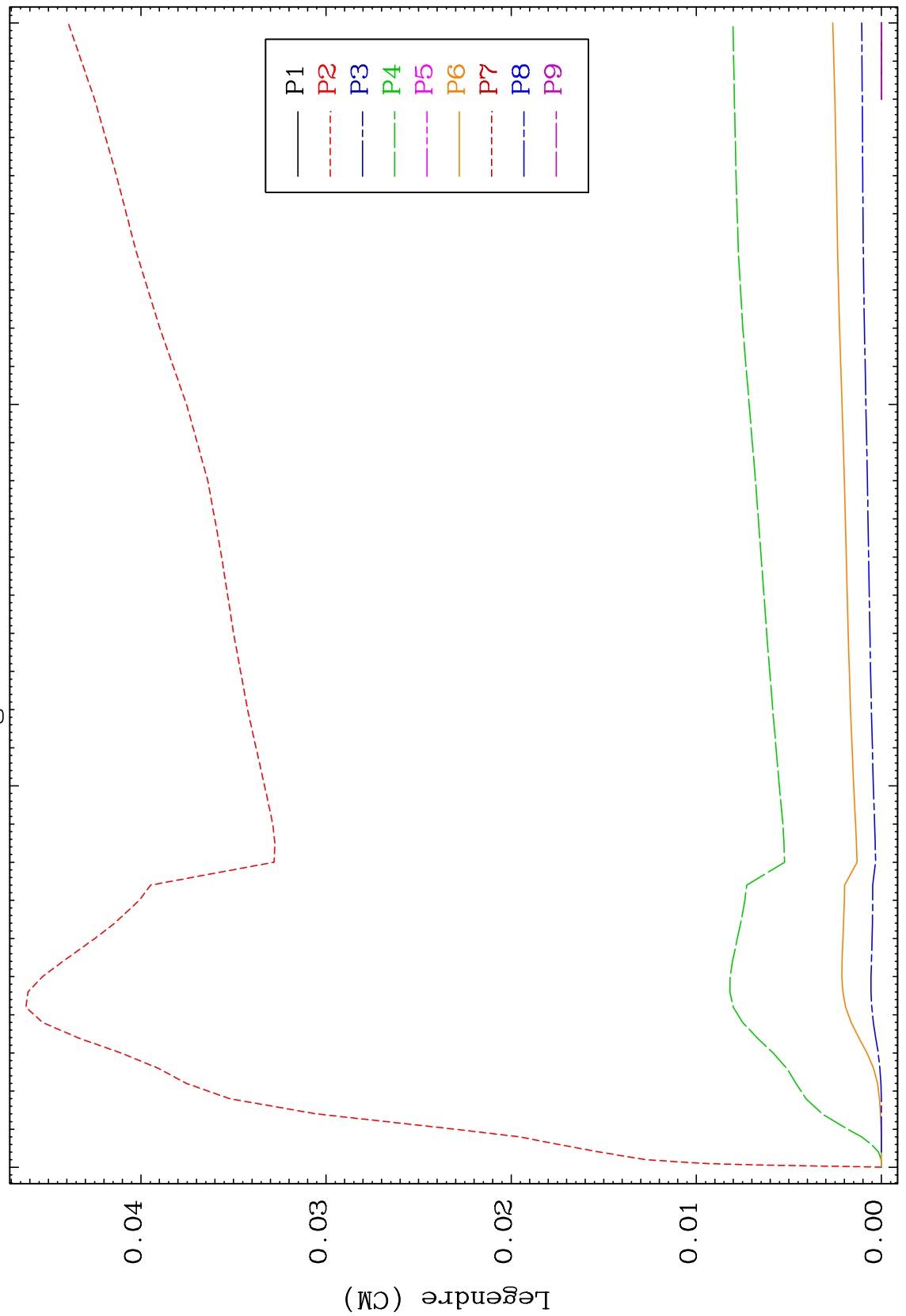




MAT 5223

Elastic Legendre Coefficients

52-Te-119



16

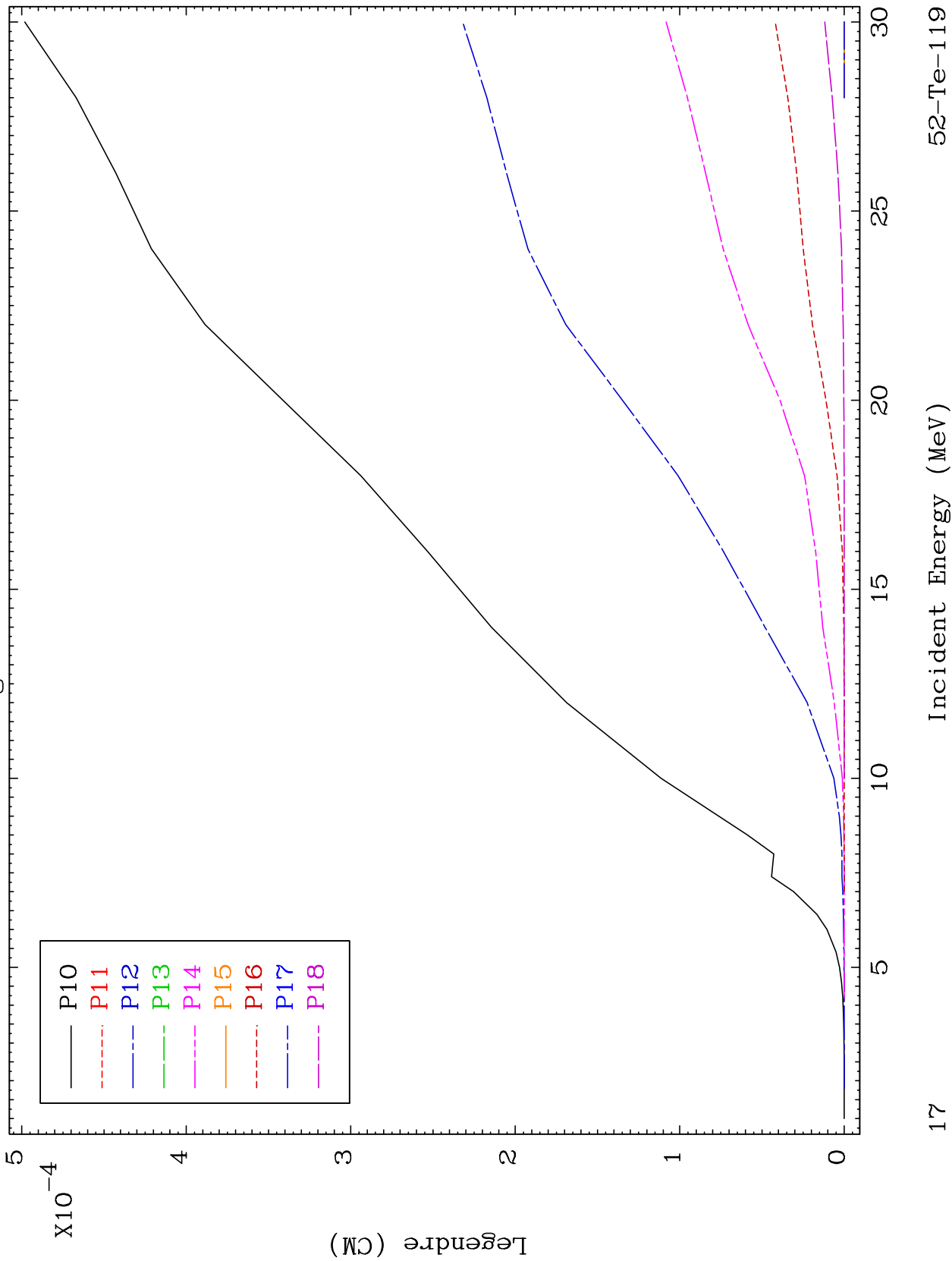
Incident Energy (MeV)

52-Te-119

MAT 5223

Elastic Legendre Coefficients

52-Te-119



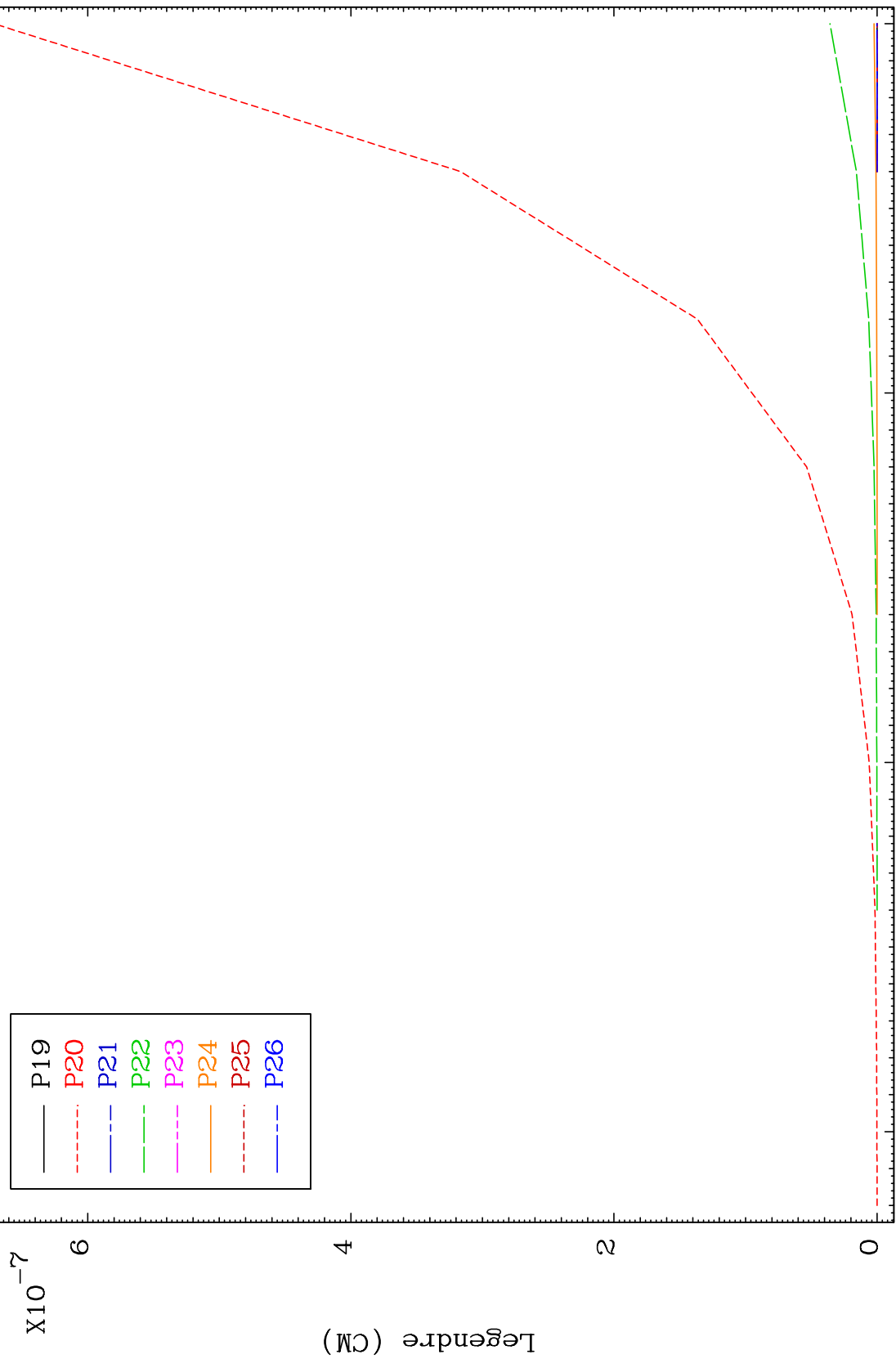
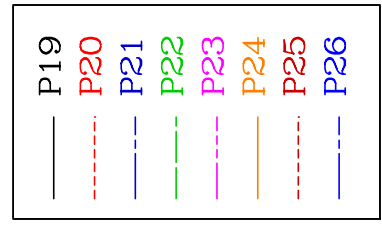
17

52-Te-119

MAT 5223

Elastic  
Legendre Coefficients

52-Te-119



18

Incident Energy (MeV)

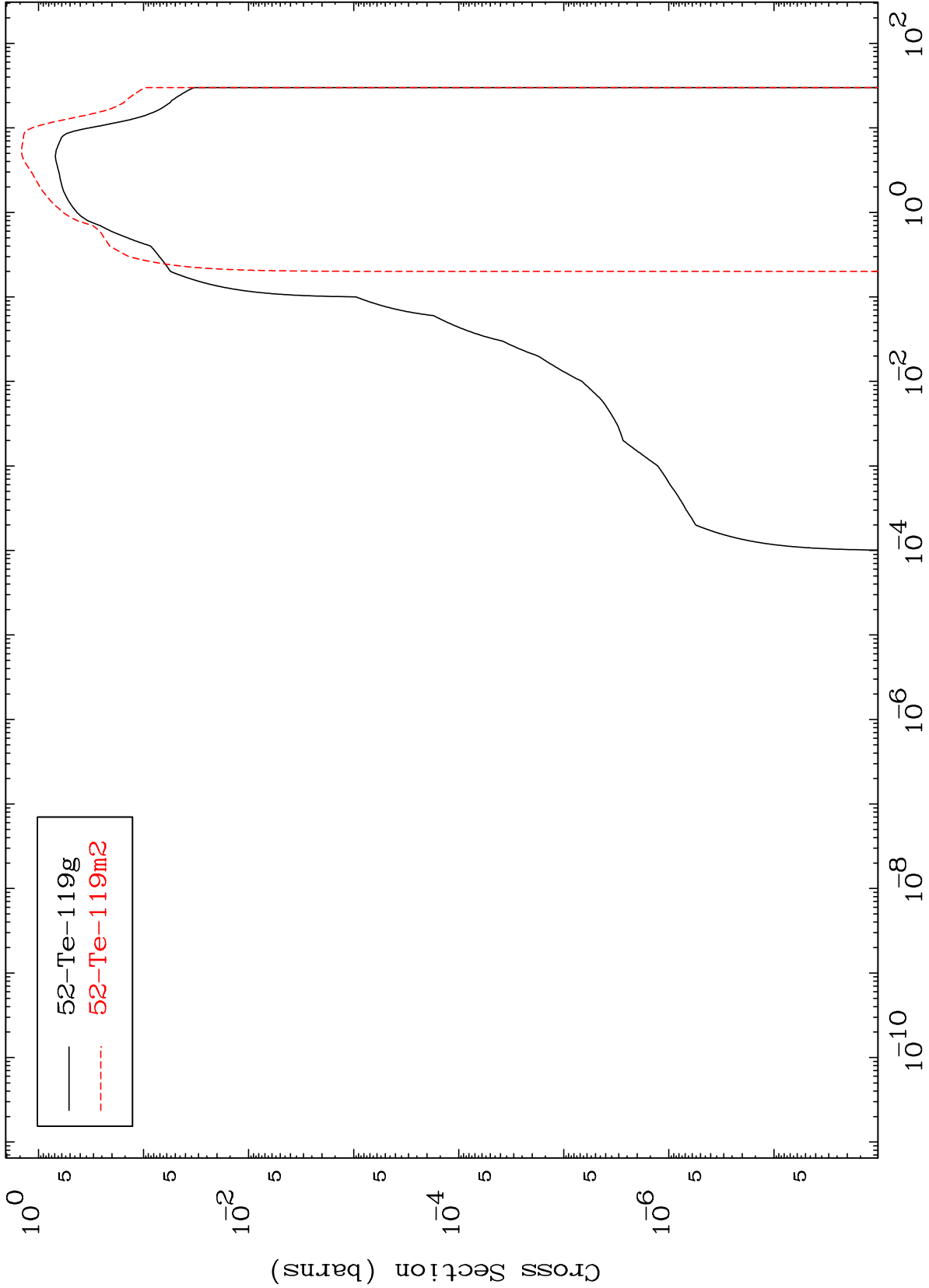
52-Te-119

MAT 5223

Inelastic

52-Te-119

Radionuclide Production Cross Section



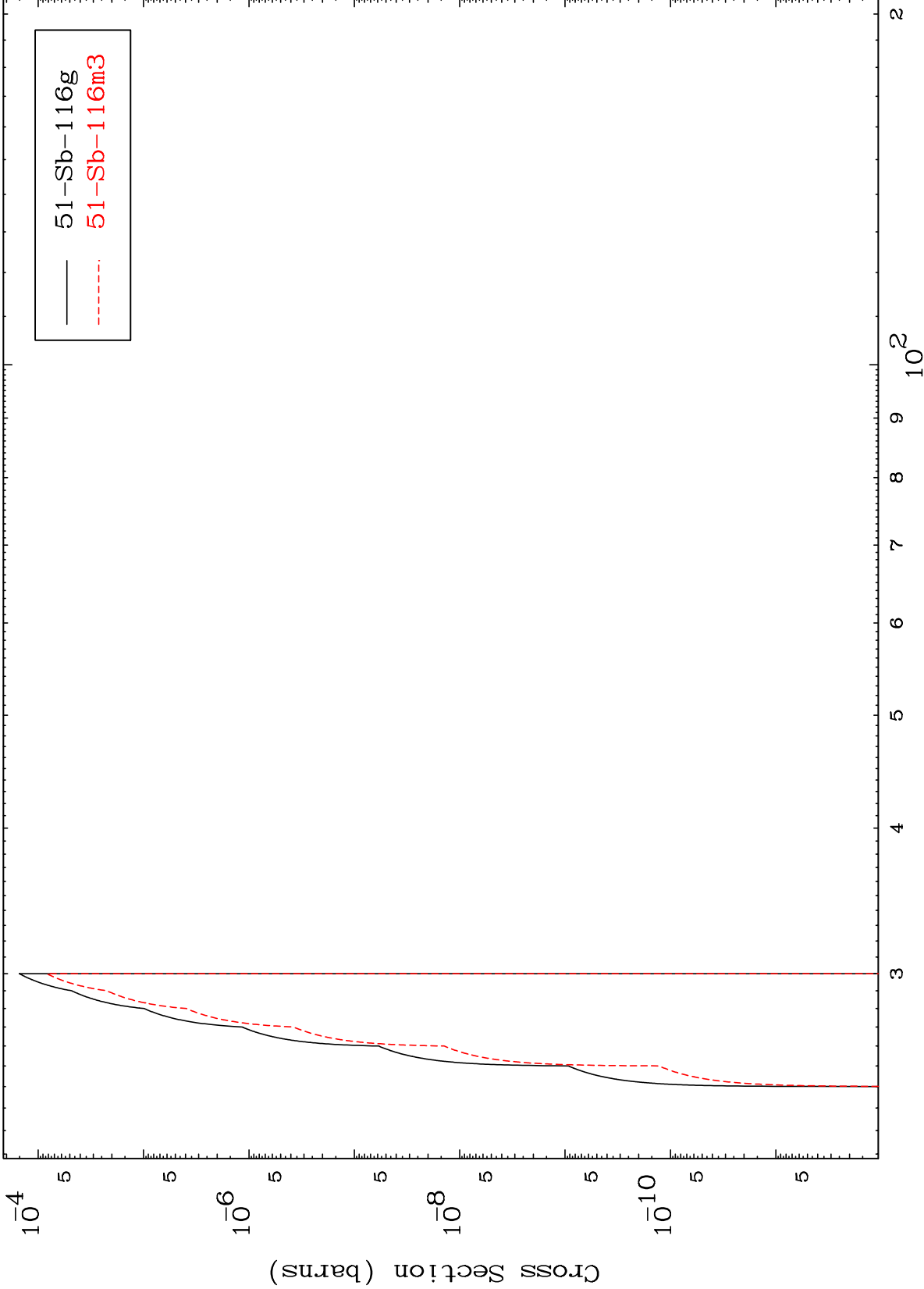
52-Te-119g  
52-Te-119m2

MAT 5223

(n,2n) d

52-Te-119

Radionuclide Production Cross Section



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

20

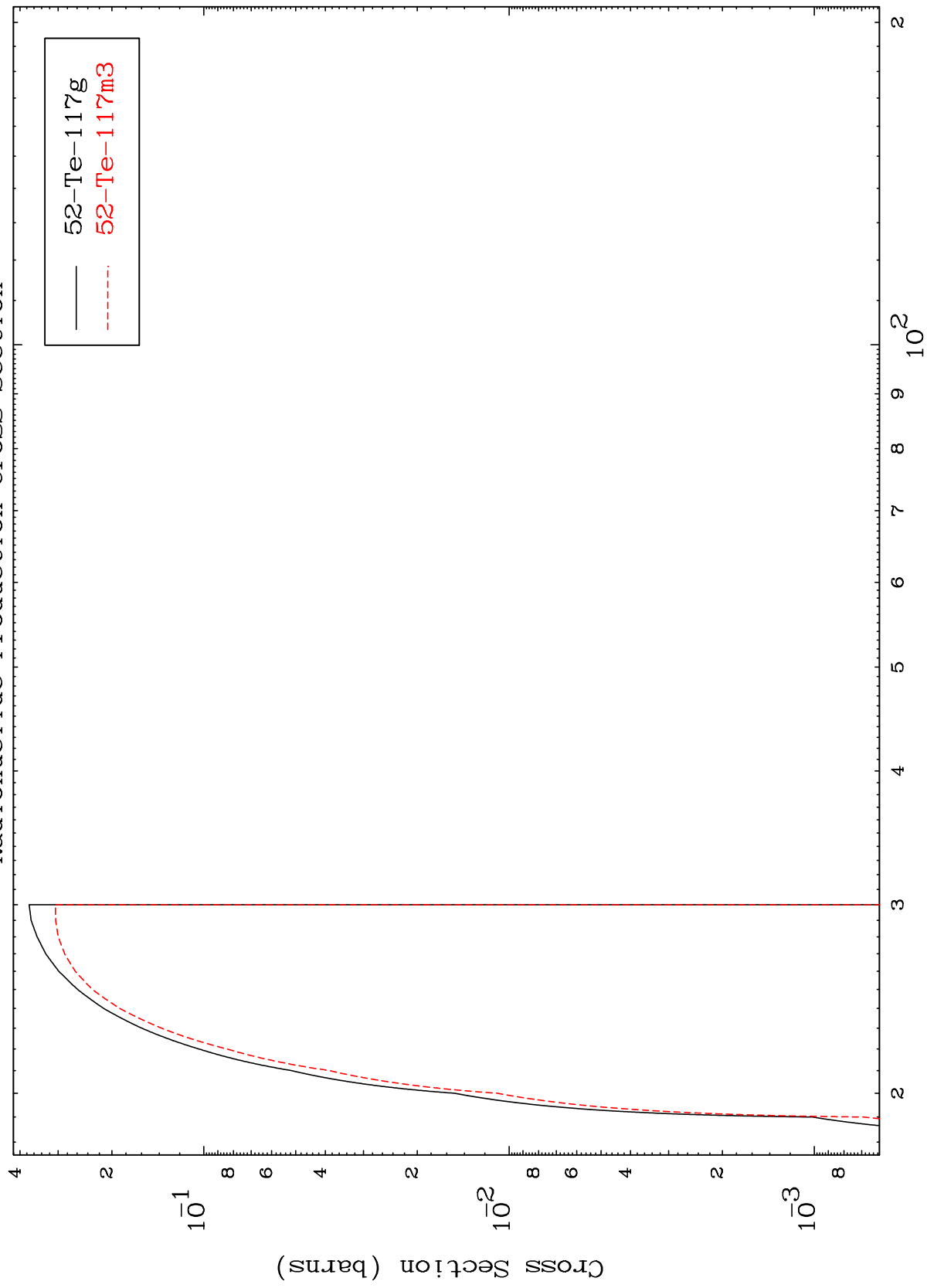
Incident Energy (MeV)

52-Te-119

MAT 5223

52-Te-119

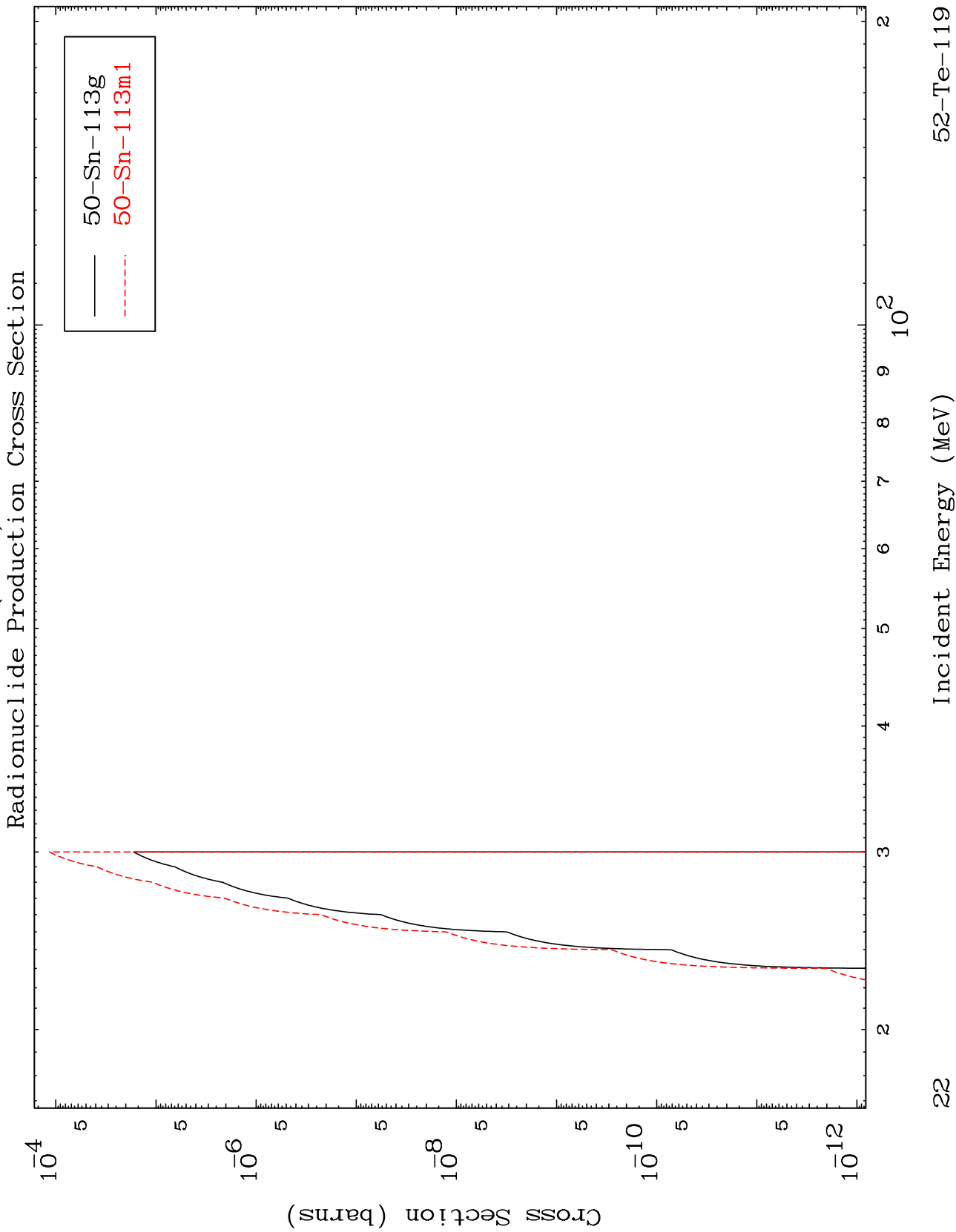
(n,3n)  
Radionuclide Production Cross Section



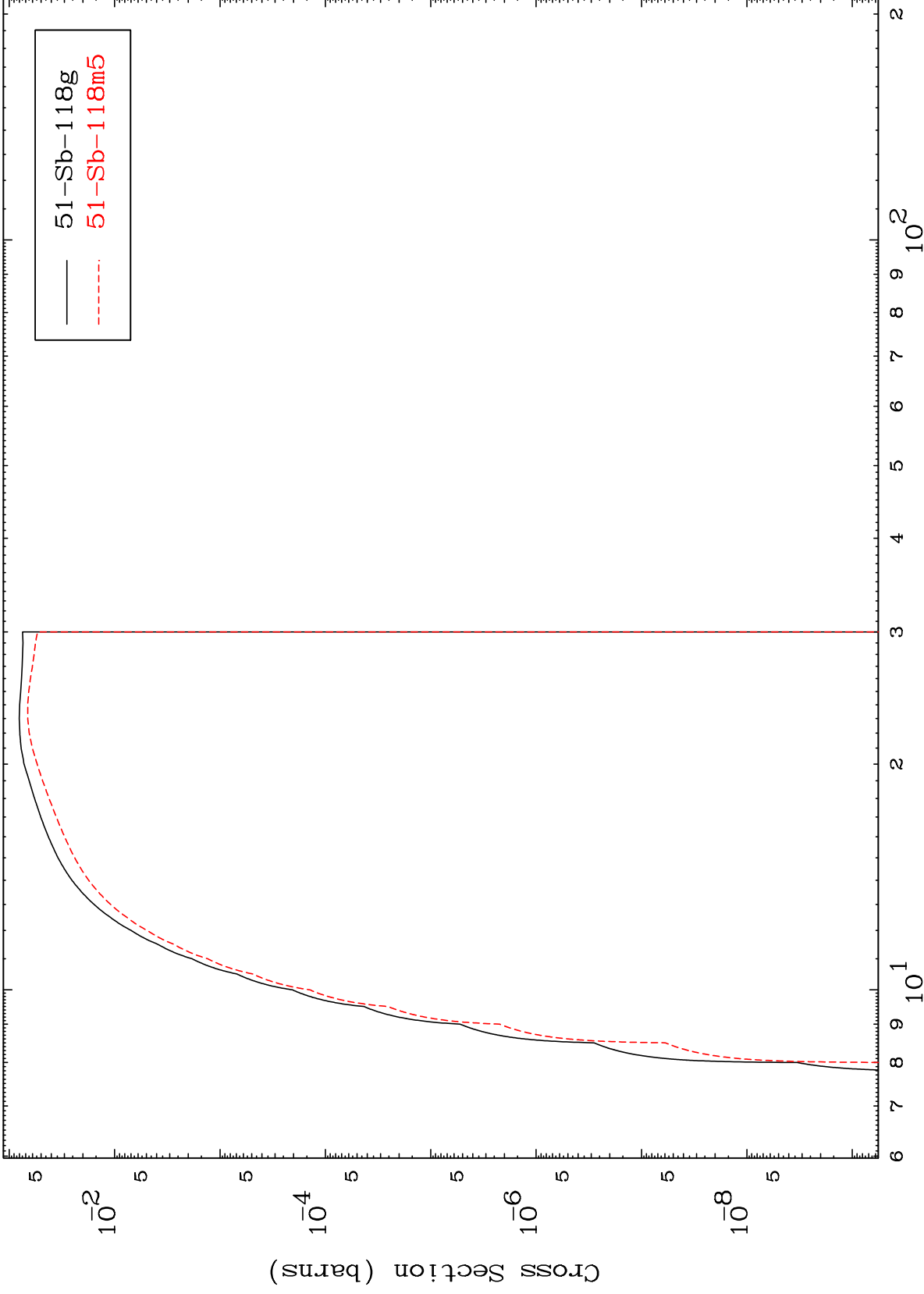
21

Incident Energy (MeV)

52-Te-119



Radionuclide Production Cross Section

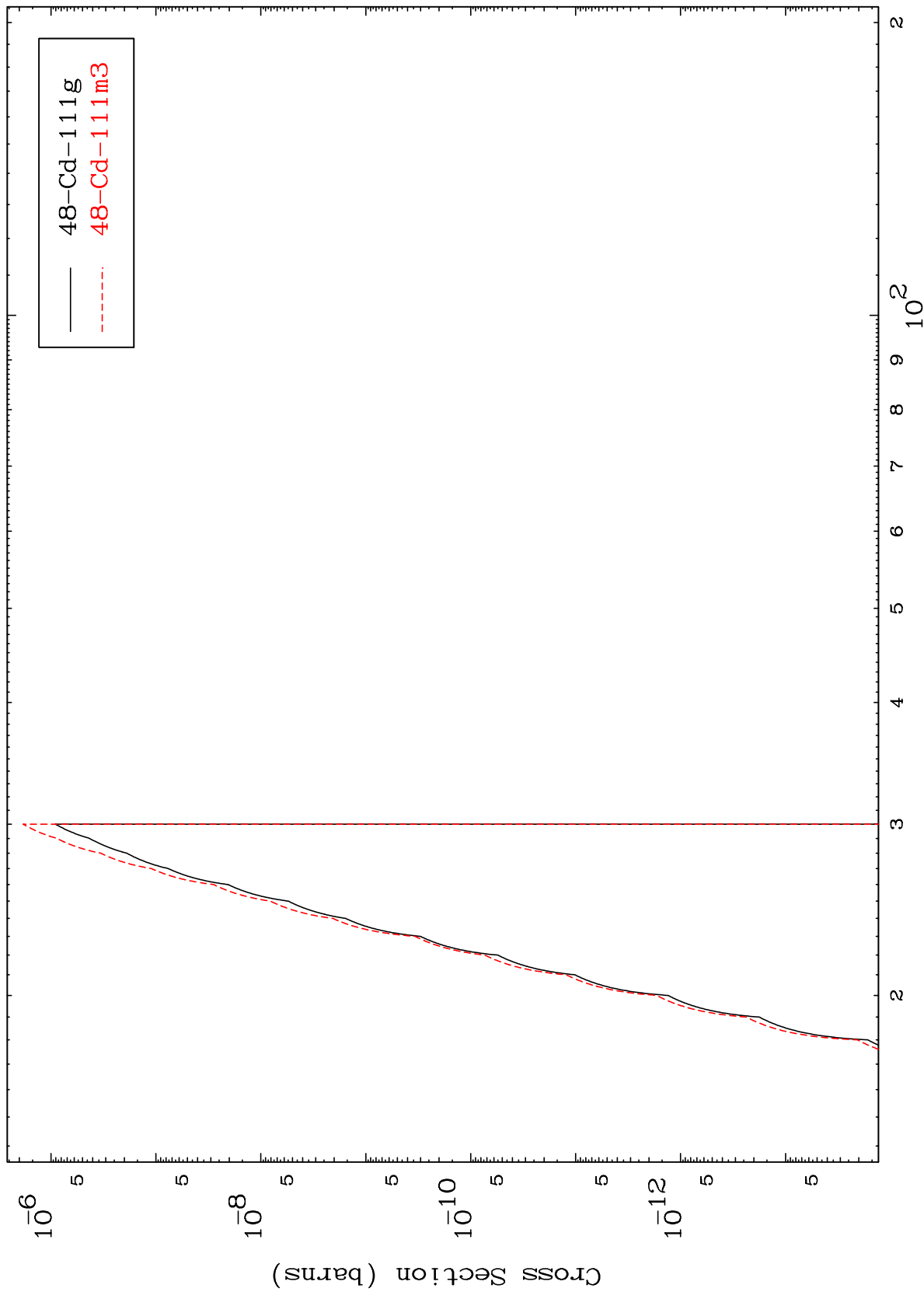




MAT 5223

52-Te-119

(n,n') 2α  
Radionuclide Production Cross Section



24

52-Te-119

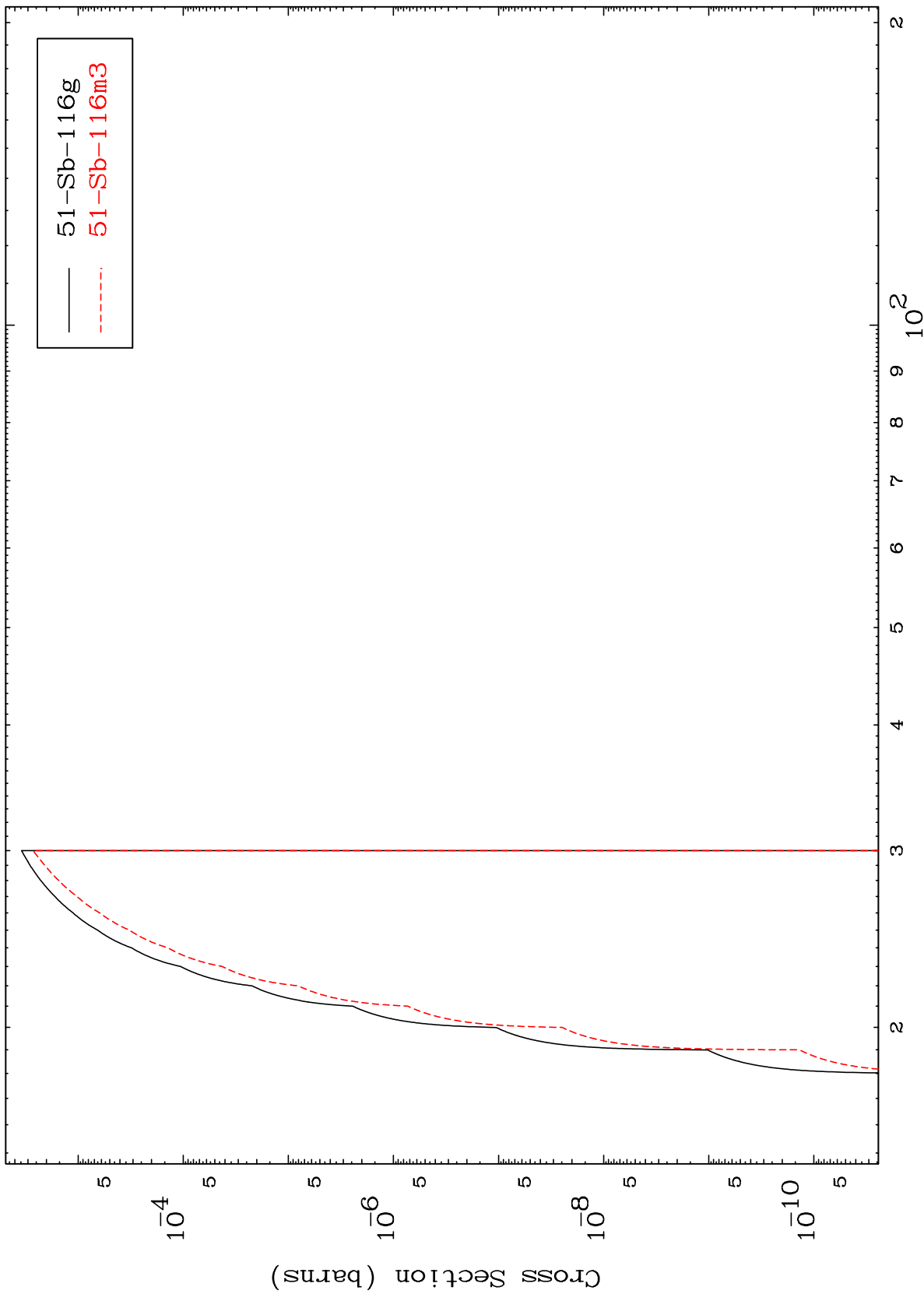
Incident Energy (MeV)

MAT 5223

(n,n') t

52-Te-119

Radionuclide Production Cross Section

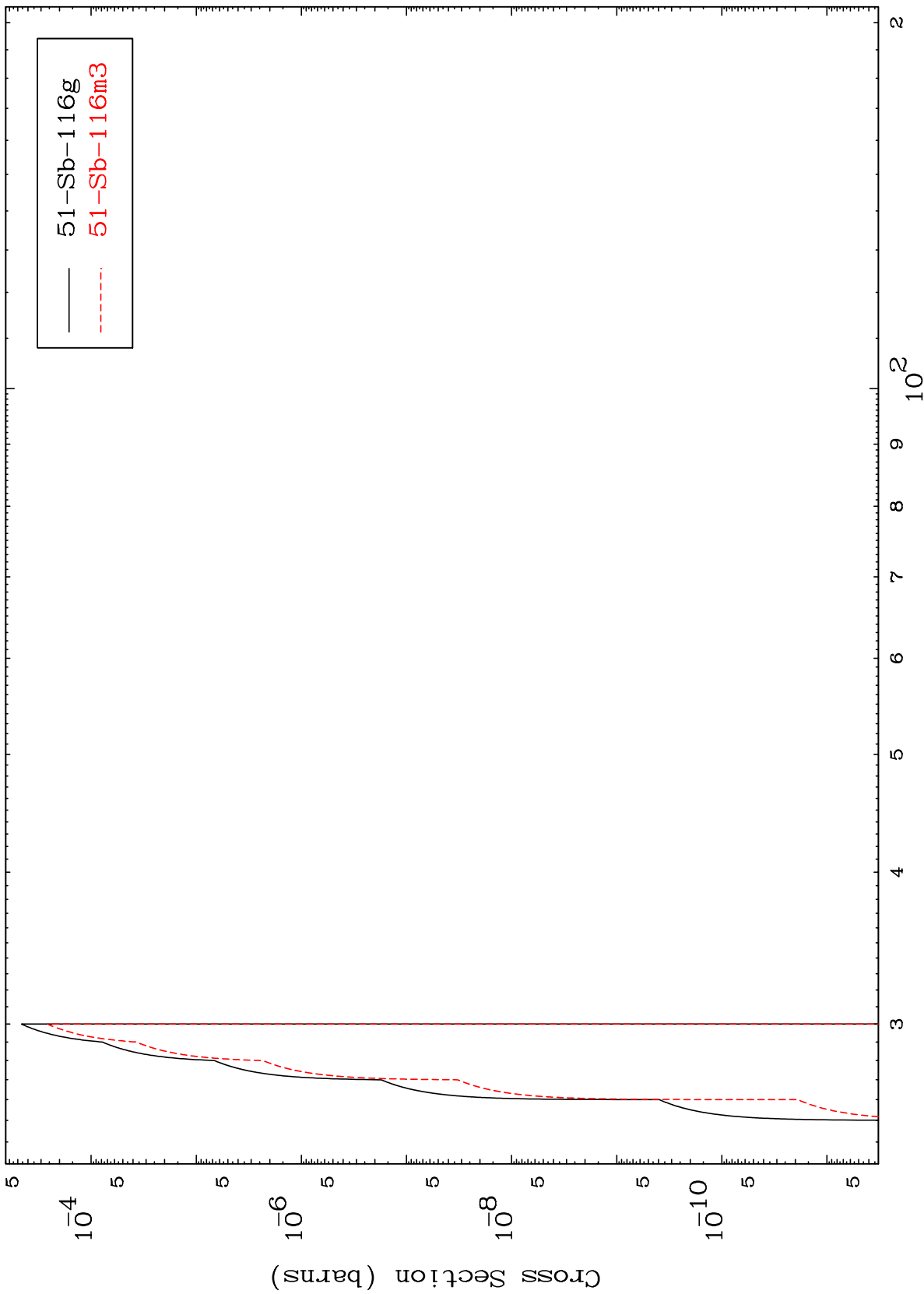


25

Incident Energy (MeV)

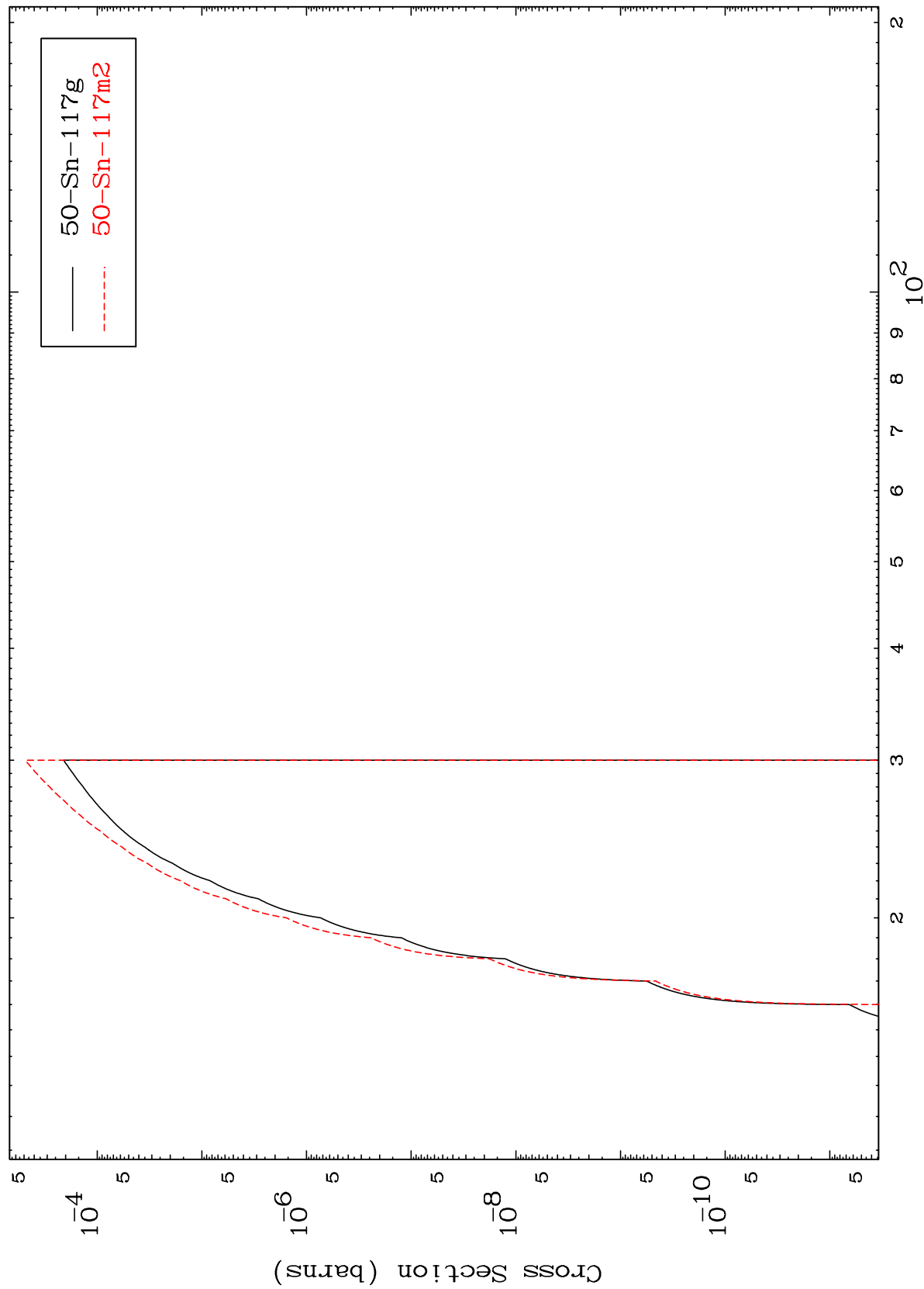
52-Te-119

Radionuclide Production Cross Section



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

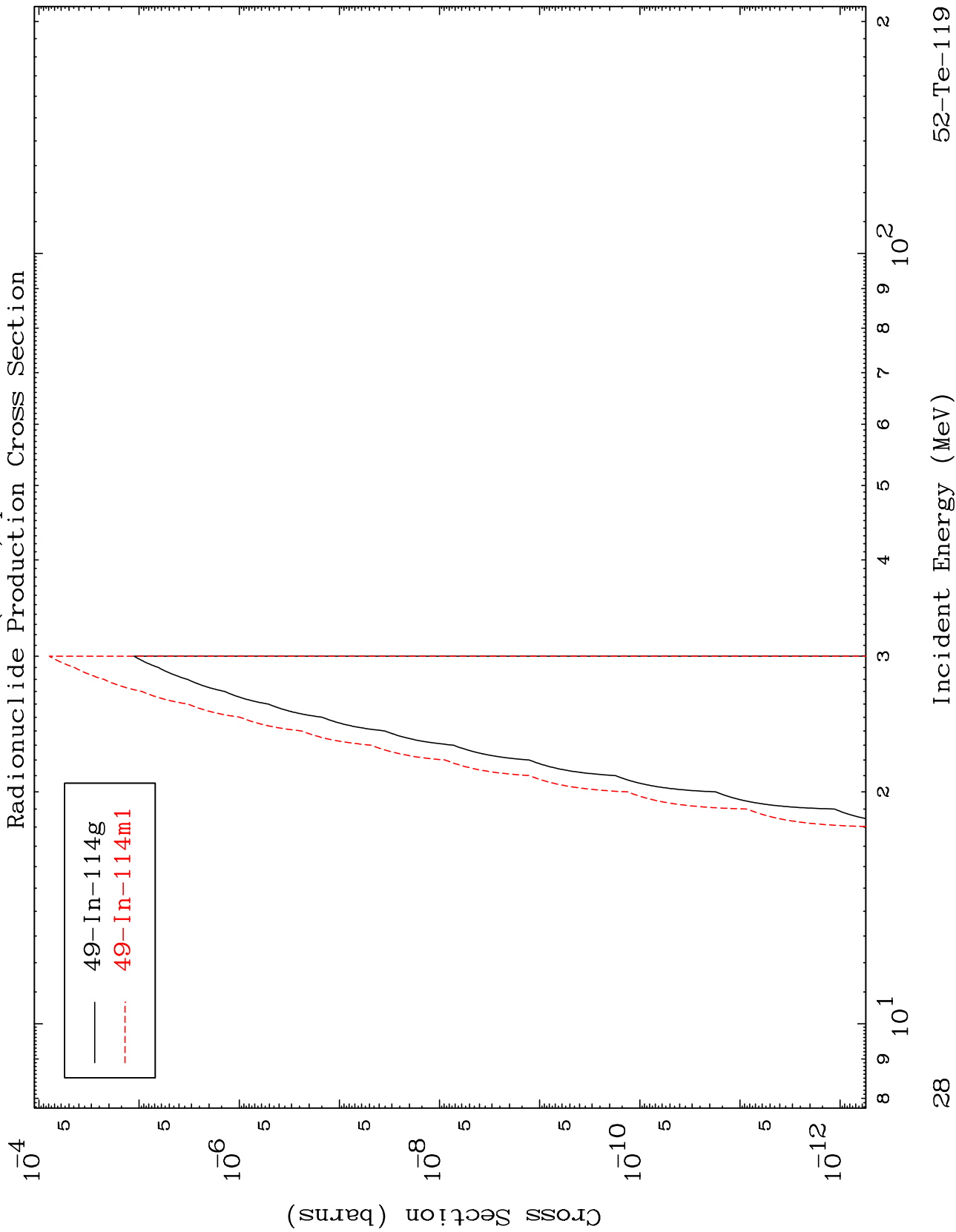
Radionuclide Production Cross Section



MAT 5223

(n,n') p  $\alpha$

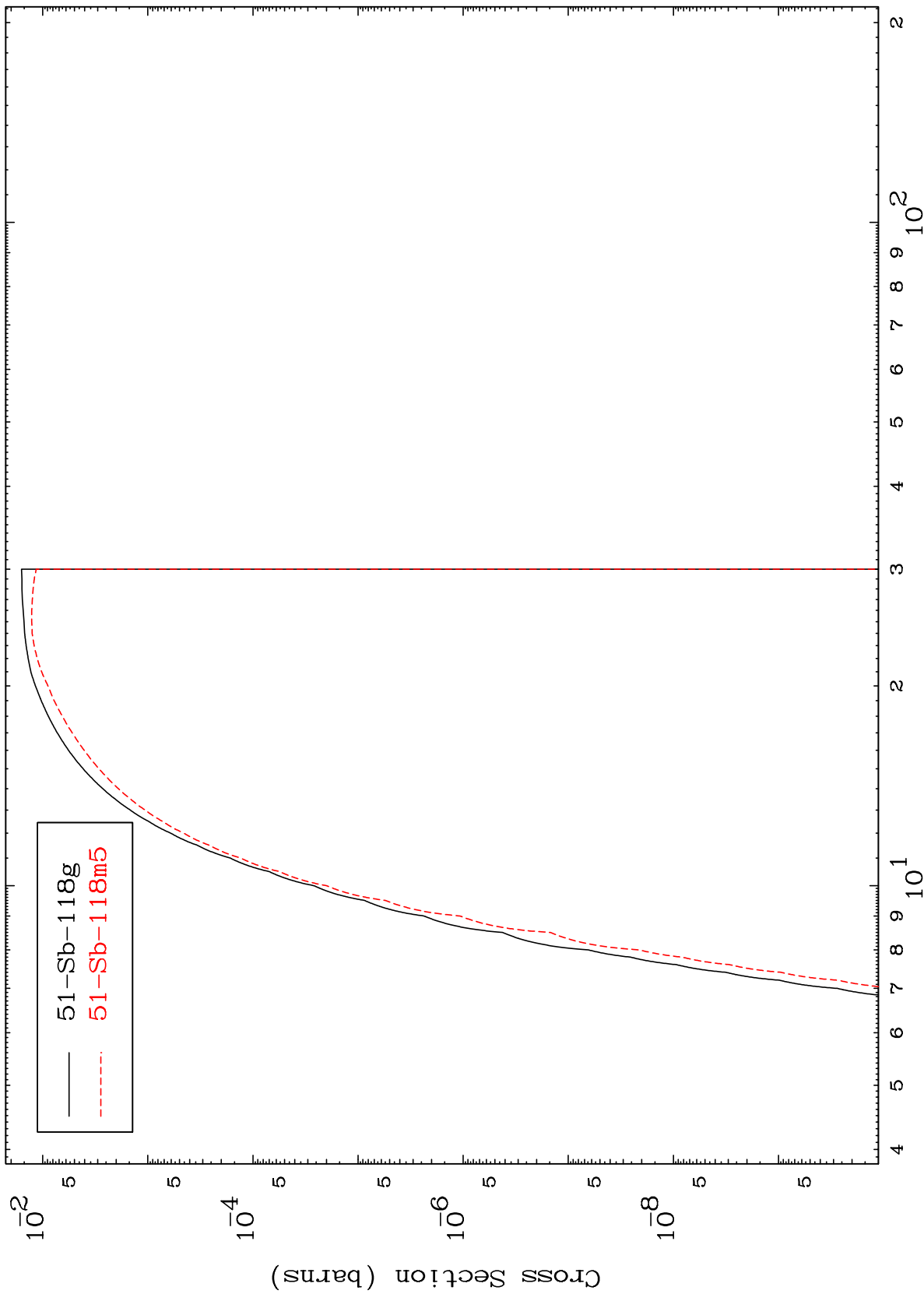
52-Te-119



MAT 5223

52-Te-119

(n,d)  
Radionuclide Production Cross Section



29

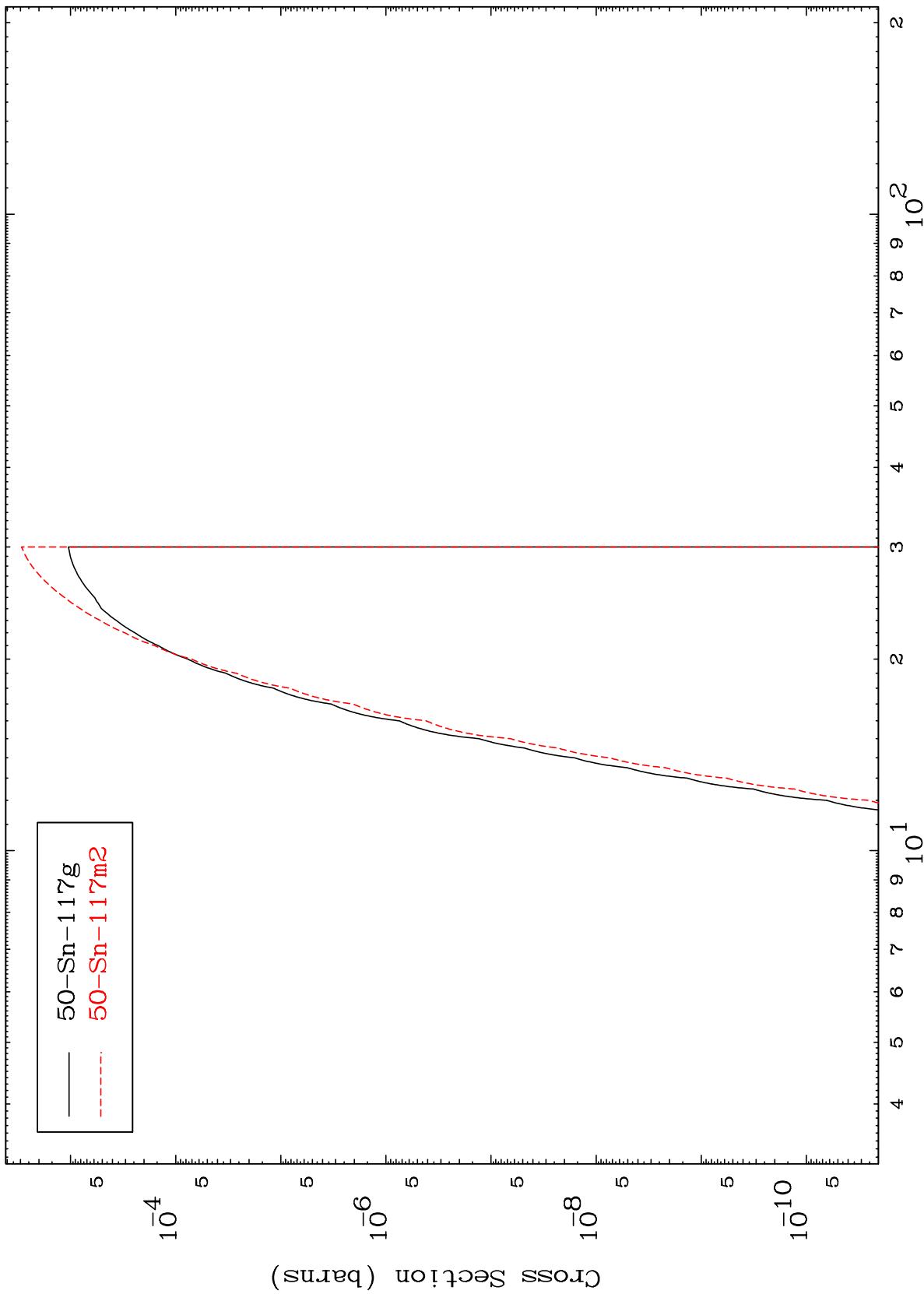
Incident Energy (MeV)

52-Te-119

MAT 5223

52-Te-119

(n,He-3)  
Radionuclide Production Cross Section



30

Incident Energy (MeV)

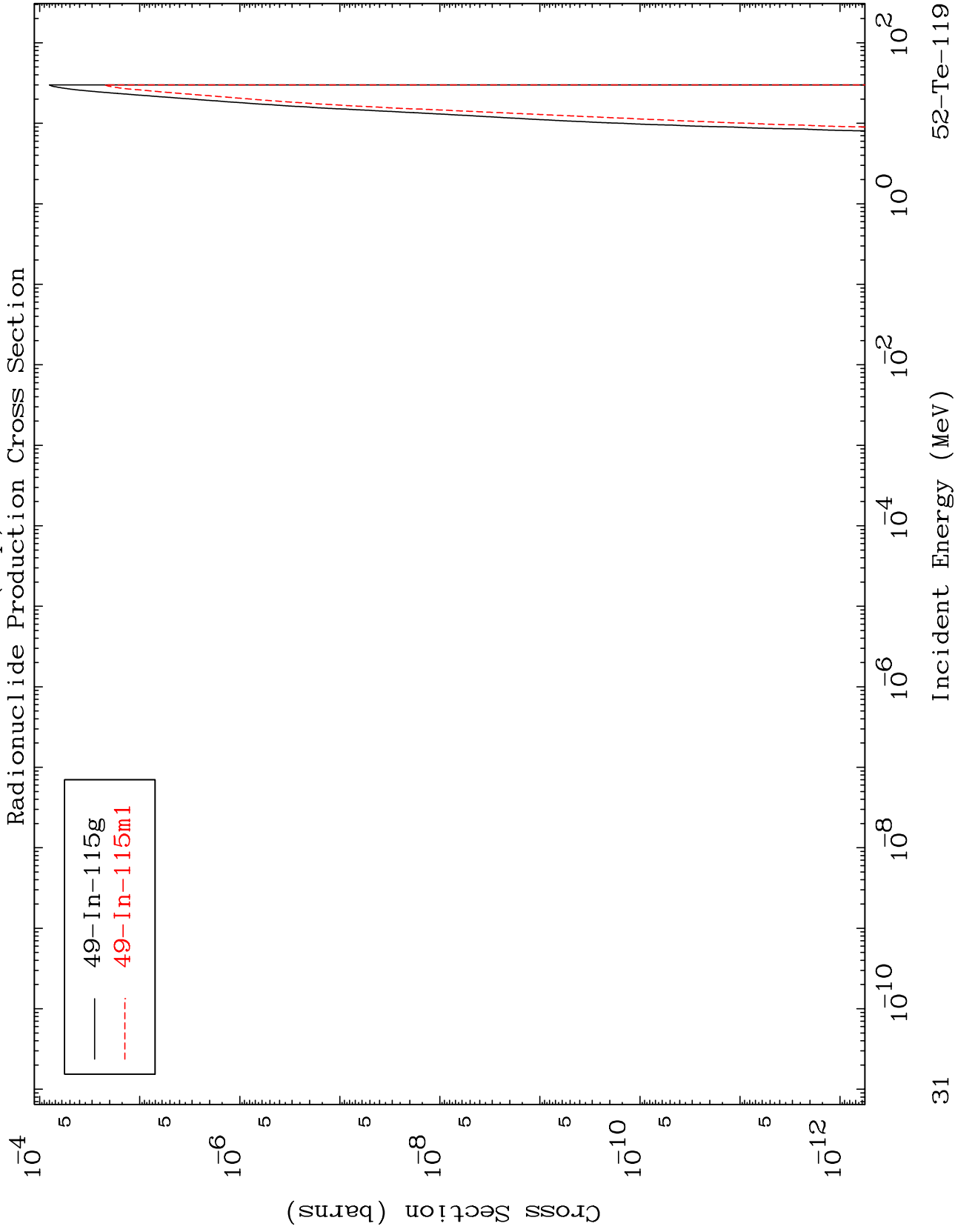
52-Te-119

MAT 5223

(n,p)  $\alpha$

52-Te-119

Radionuclide Production Cross Section



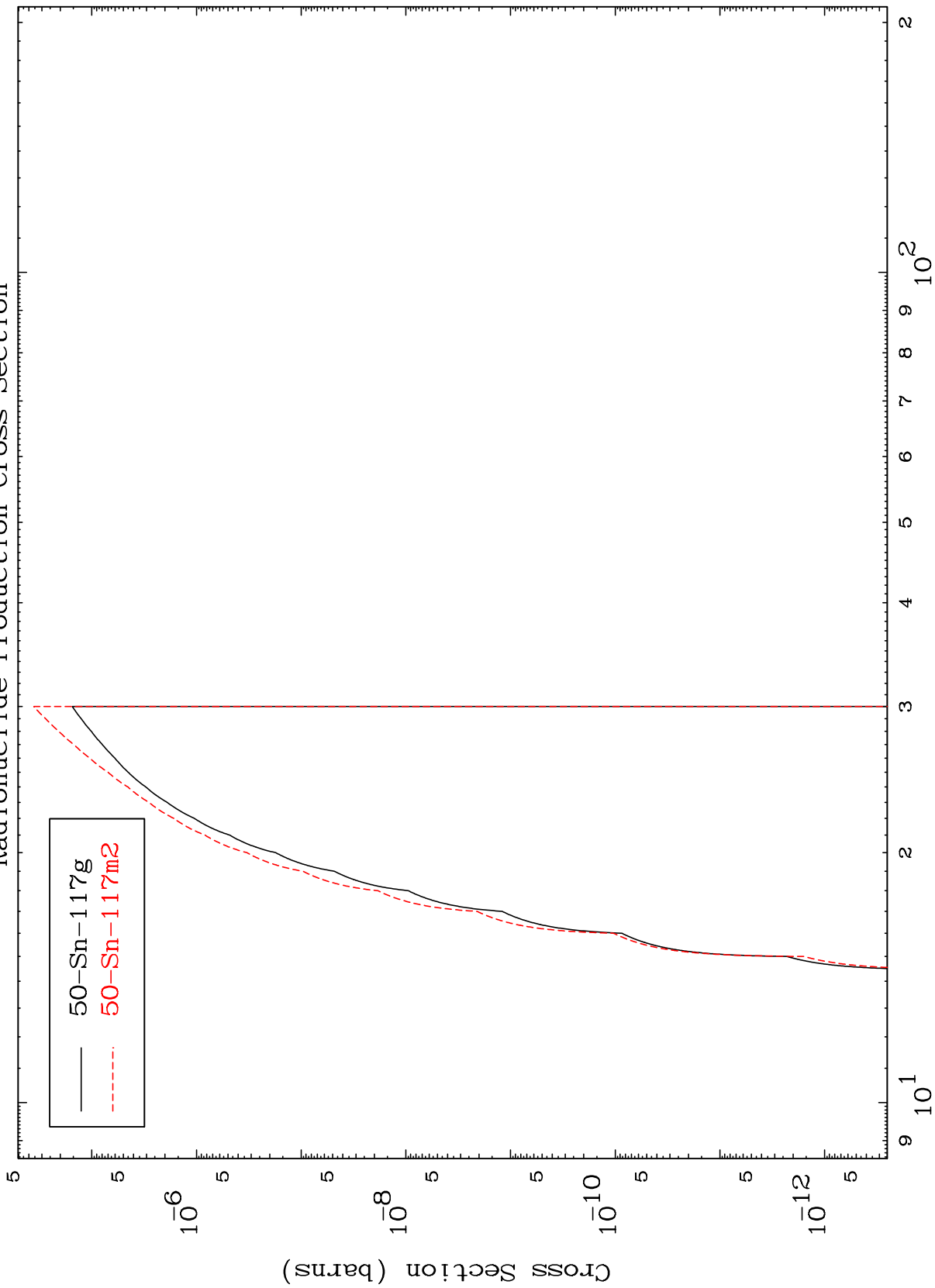


MAT 5223

(n,p) d

52-Te-119

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-119

32

Radionuclide Production Cross Section

