

Program EVALPLOT  
(Version 2015-2)

by

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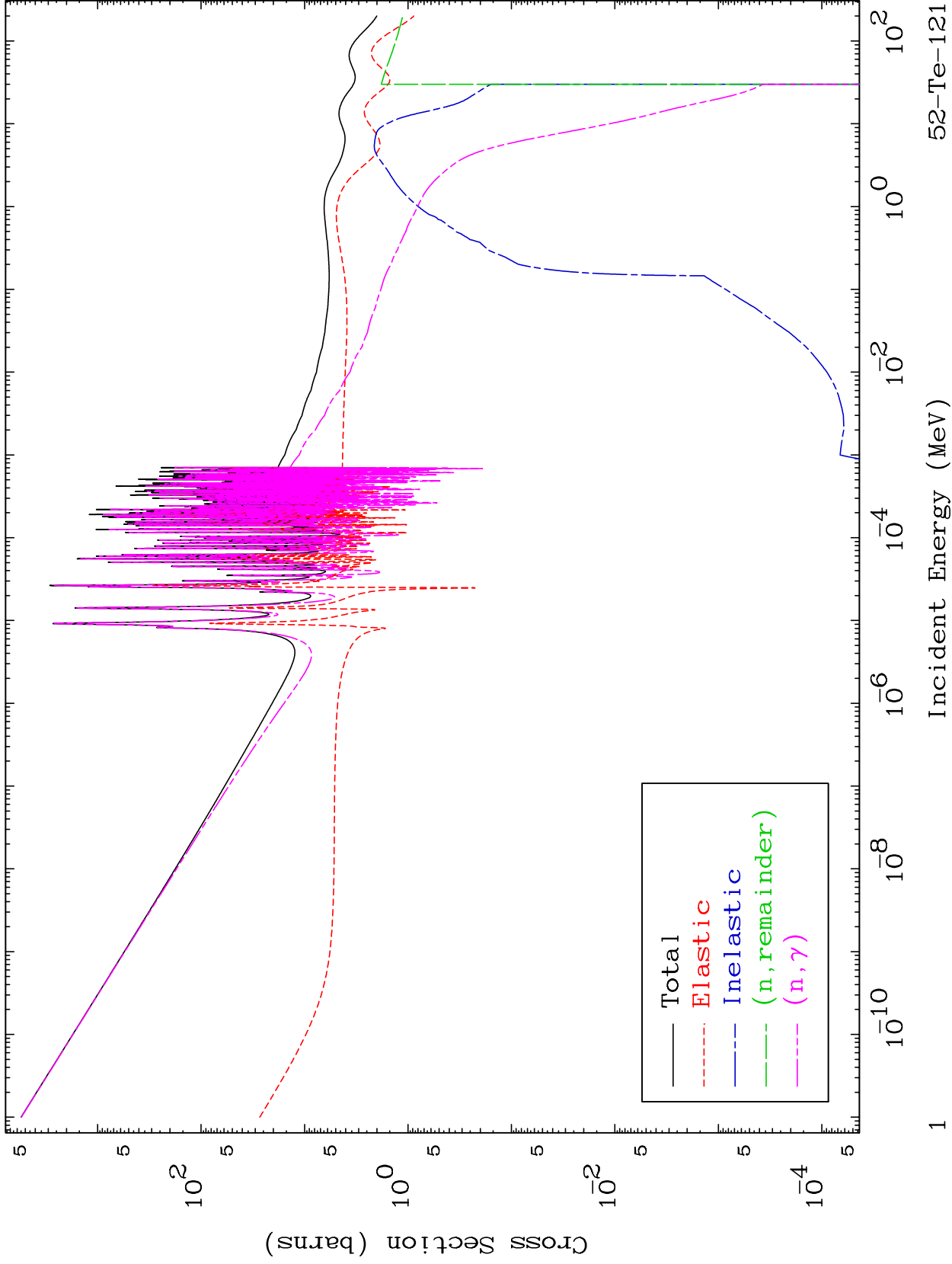
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5229

Major  
293 Kelvin Cross Sections

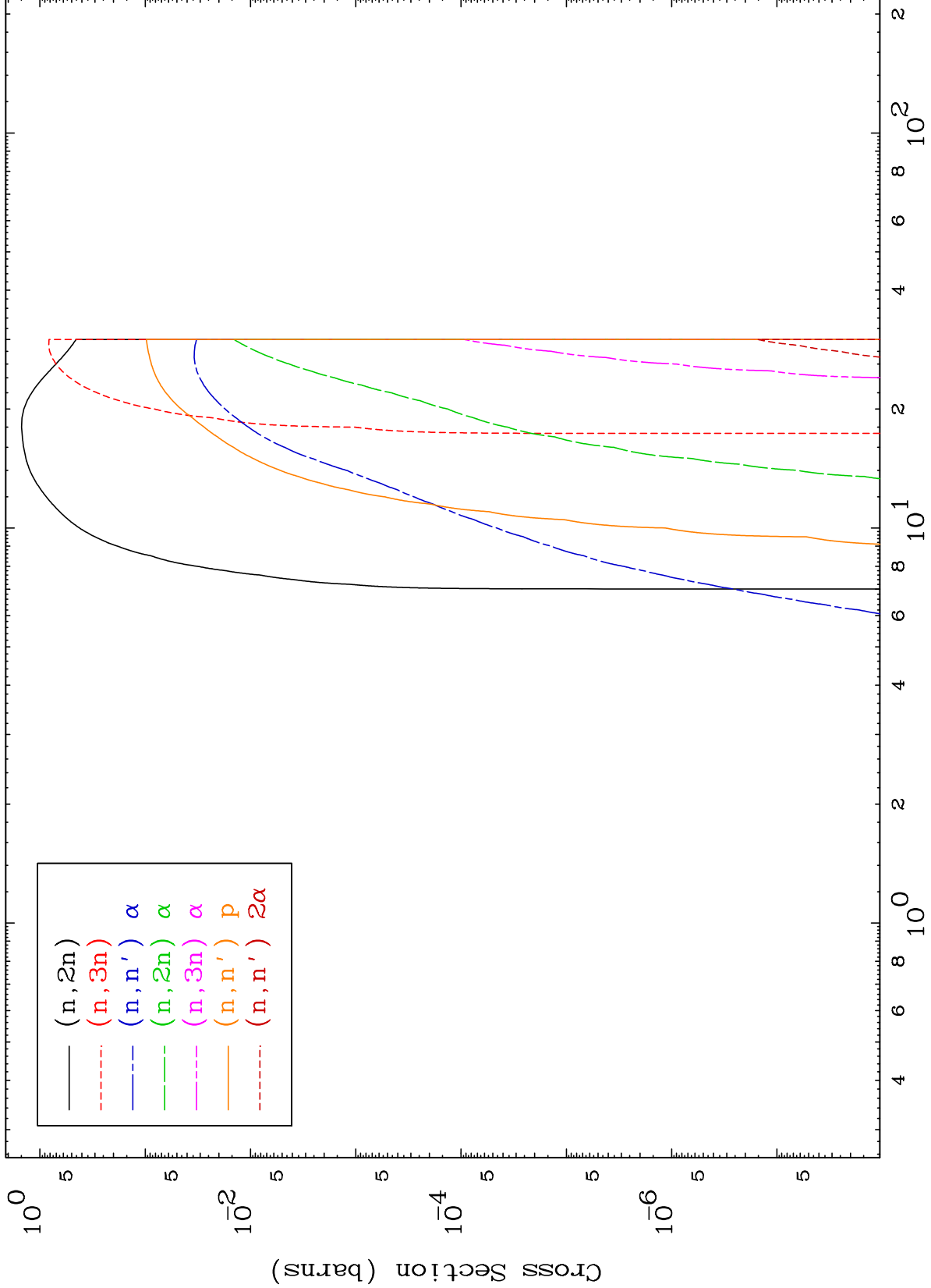
52-Te-121

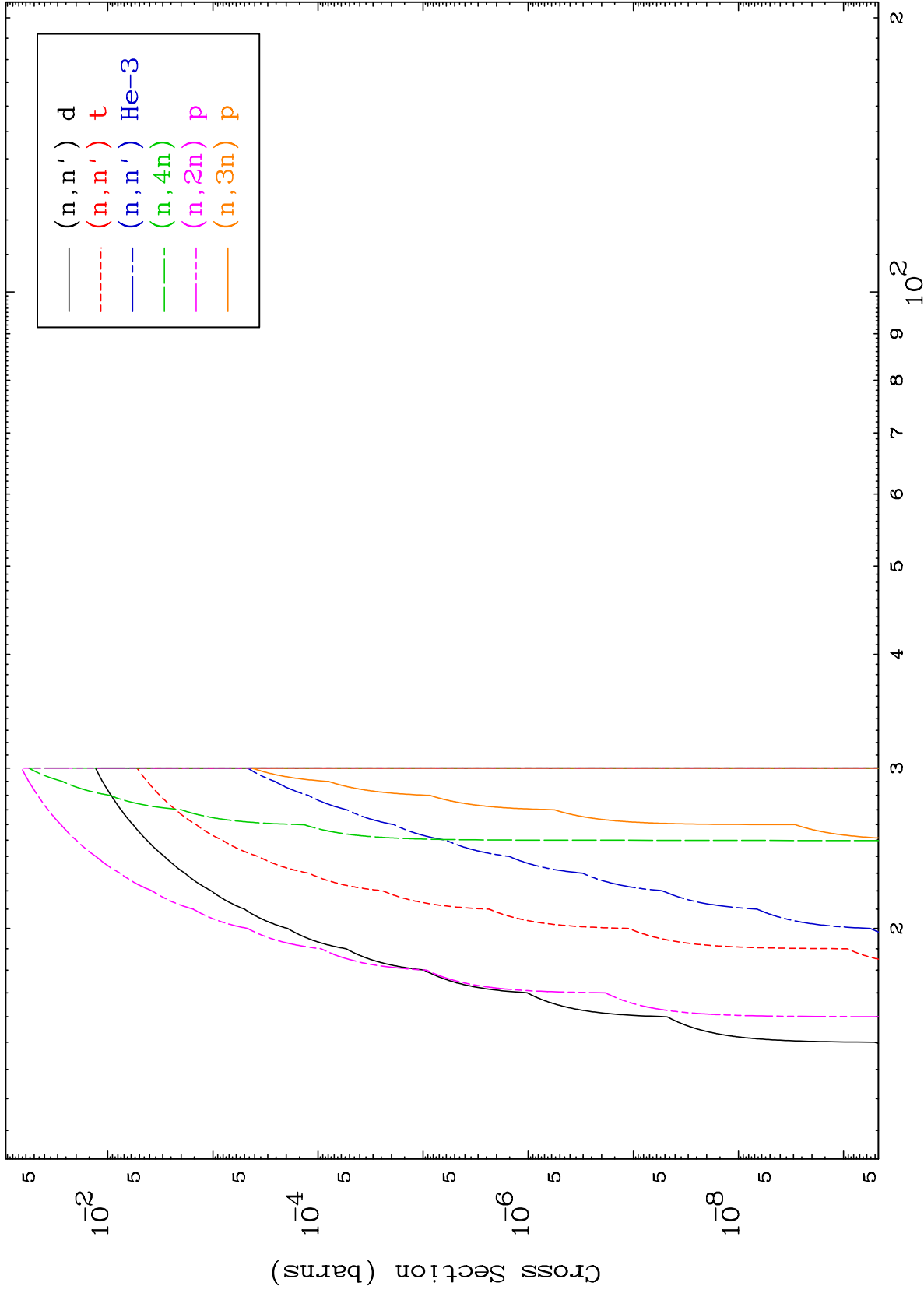


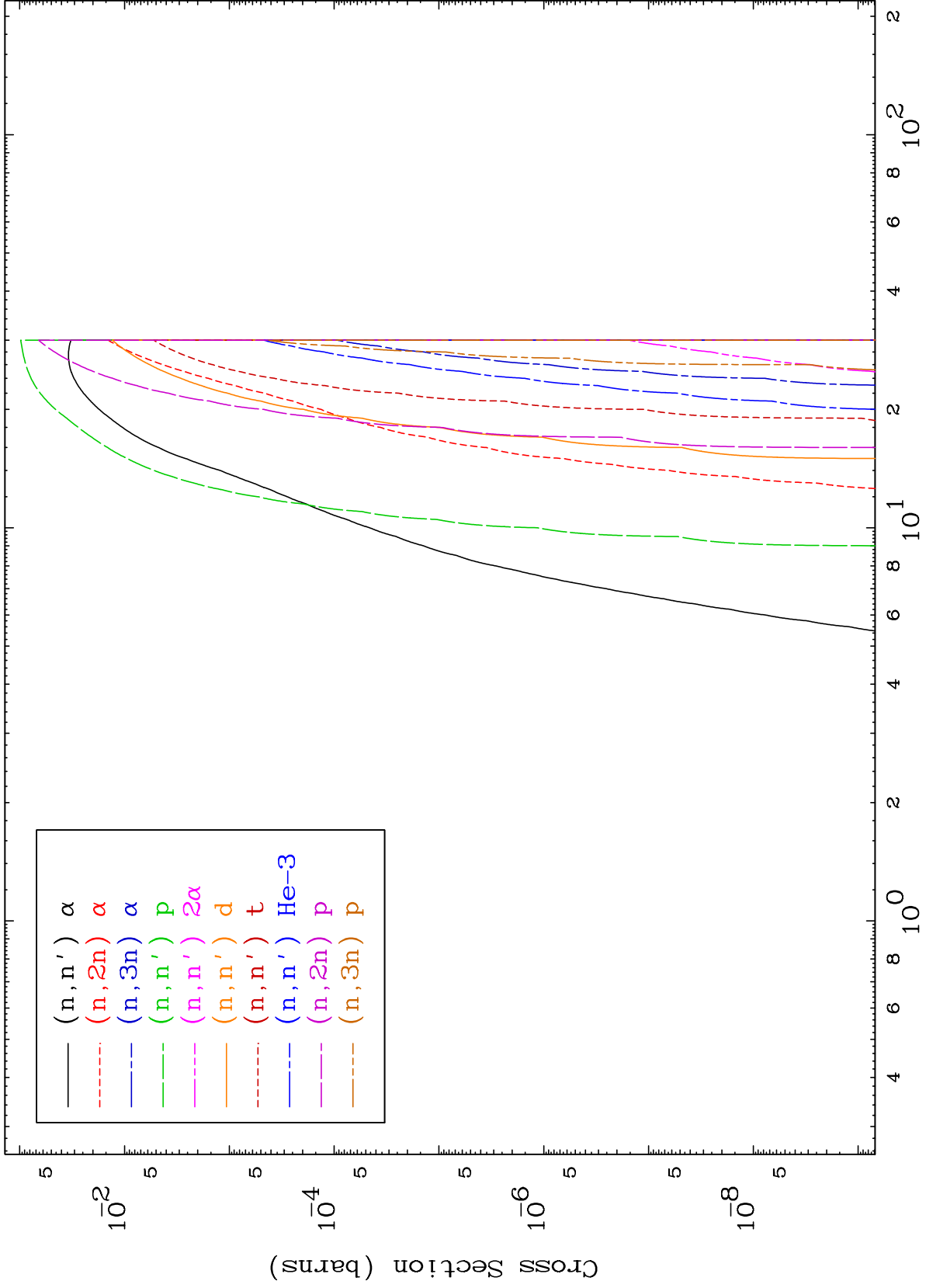
MAT 5229

Neutron Production  
293 Kelvin Cross Sections

52-Te-121



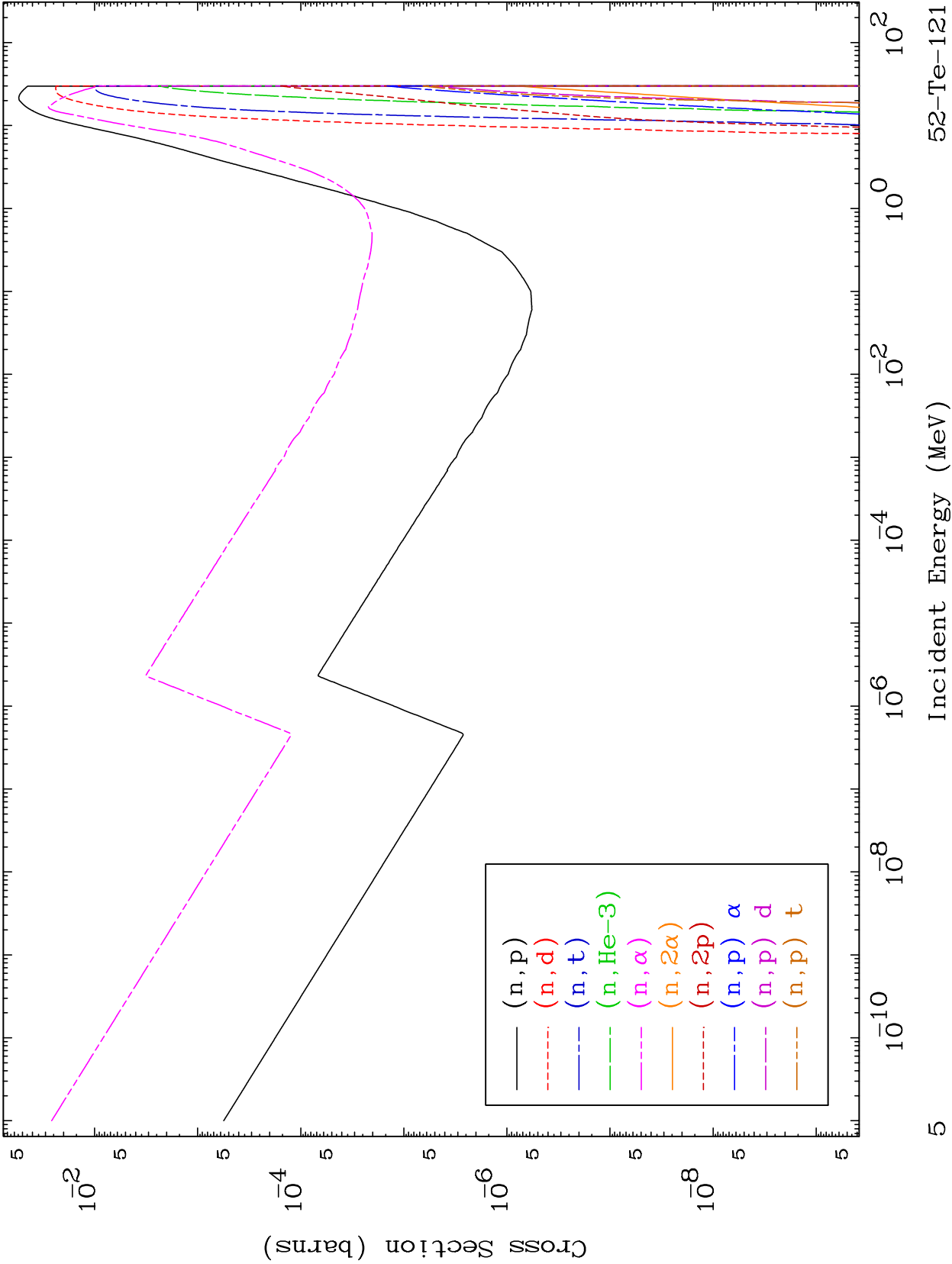




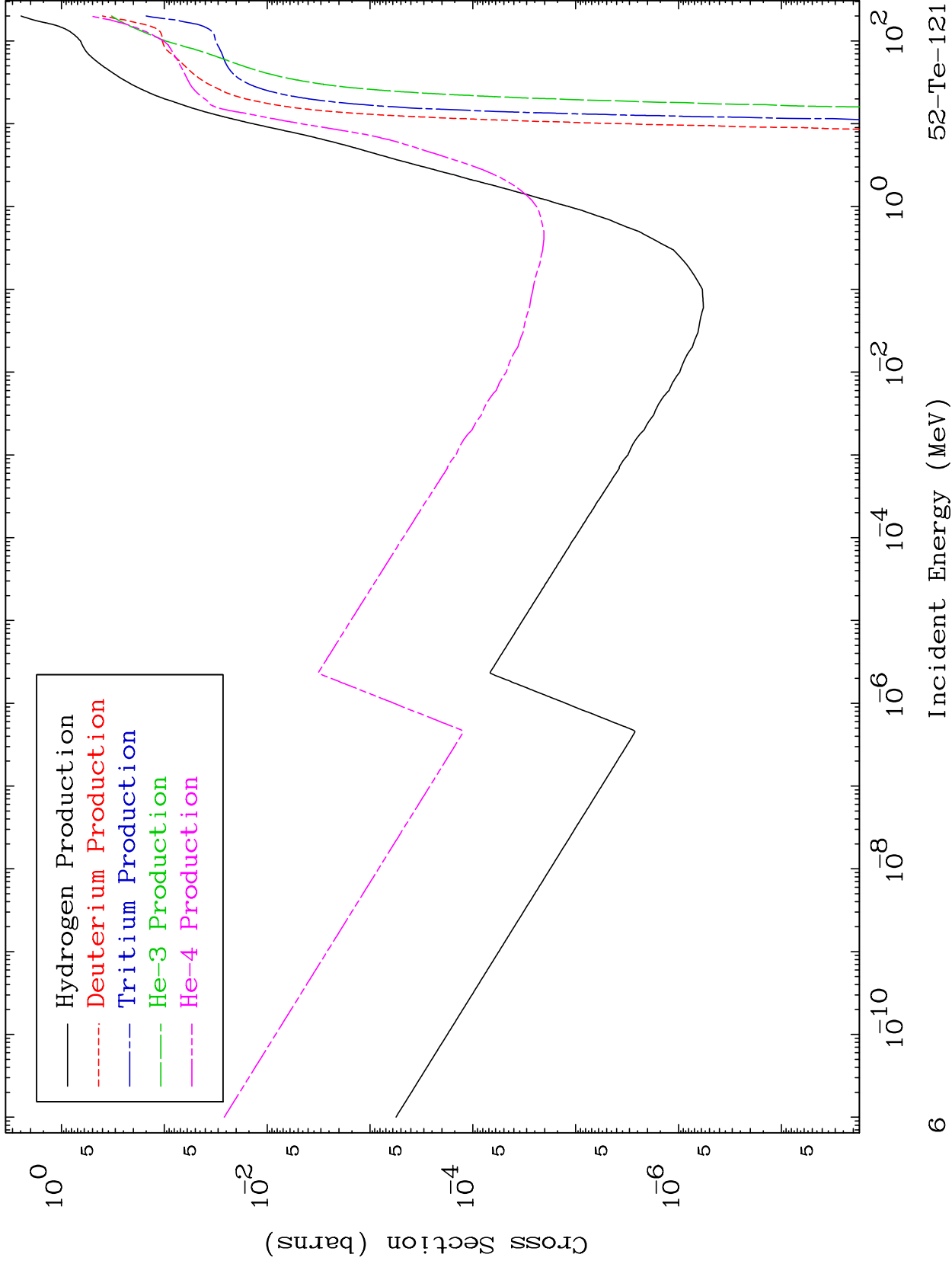
MAT 5229

Charged Particle  
293 Kelvin Cross Sections

52-Te-121



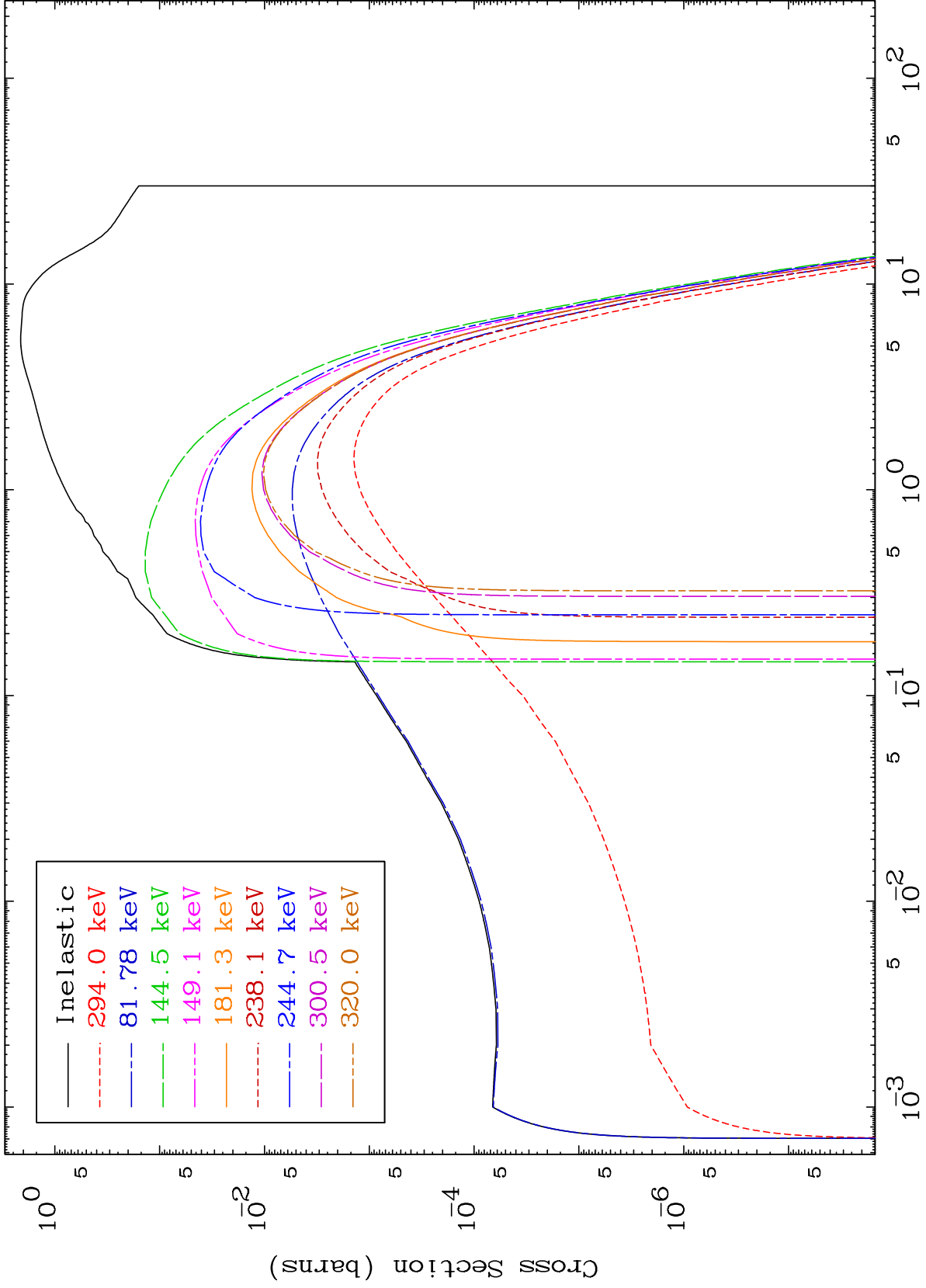
5



MAT 5229

(n,n') Level  
293 Kelvin Cross Sections

52-Te-121



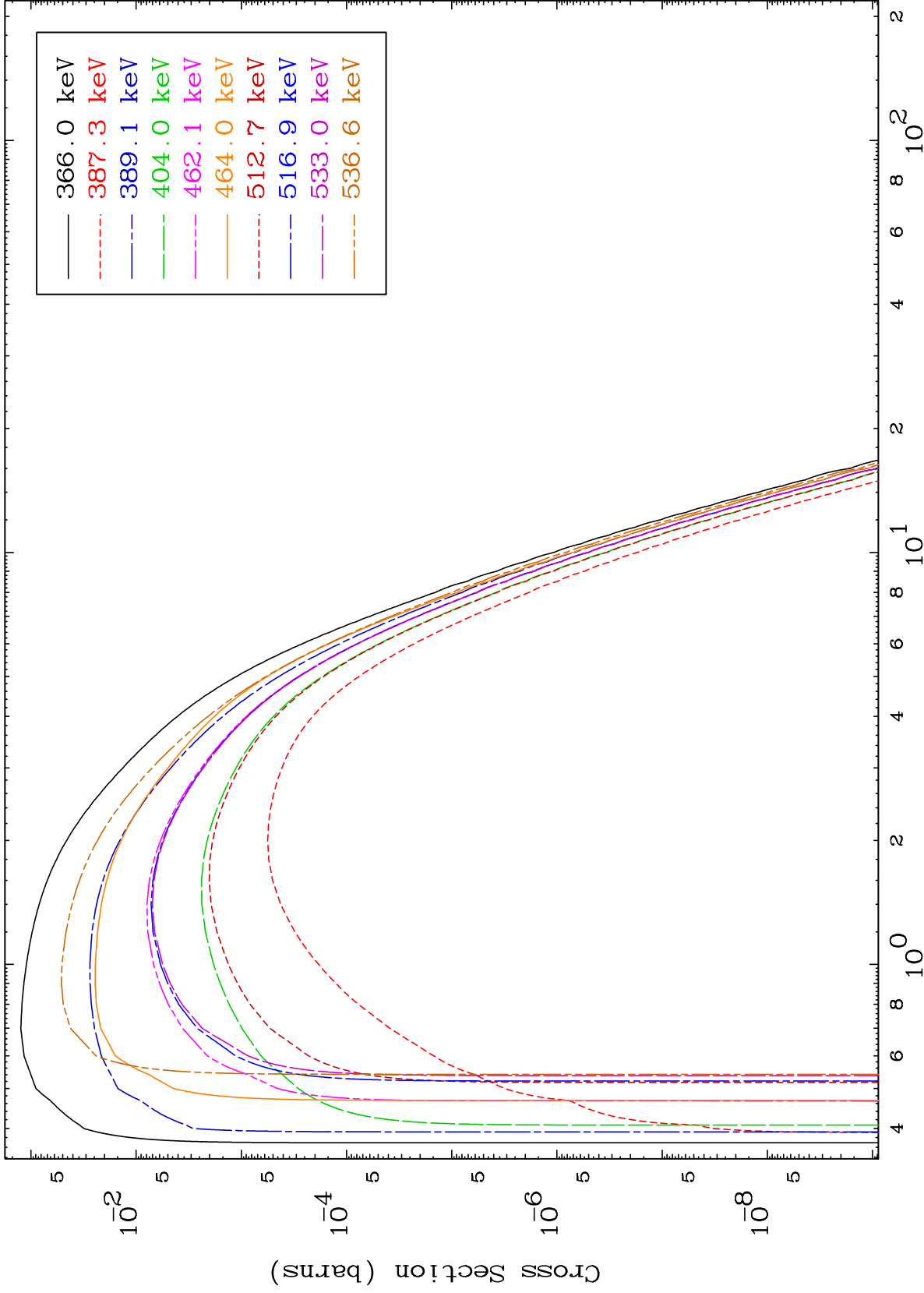


MAT 5229

(n,n') Level

52-Te-121

293 Kelvin Cross Sections



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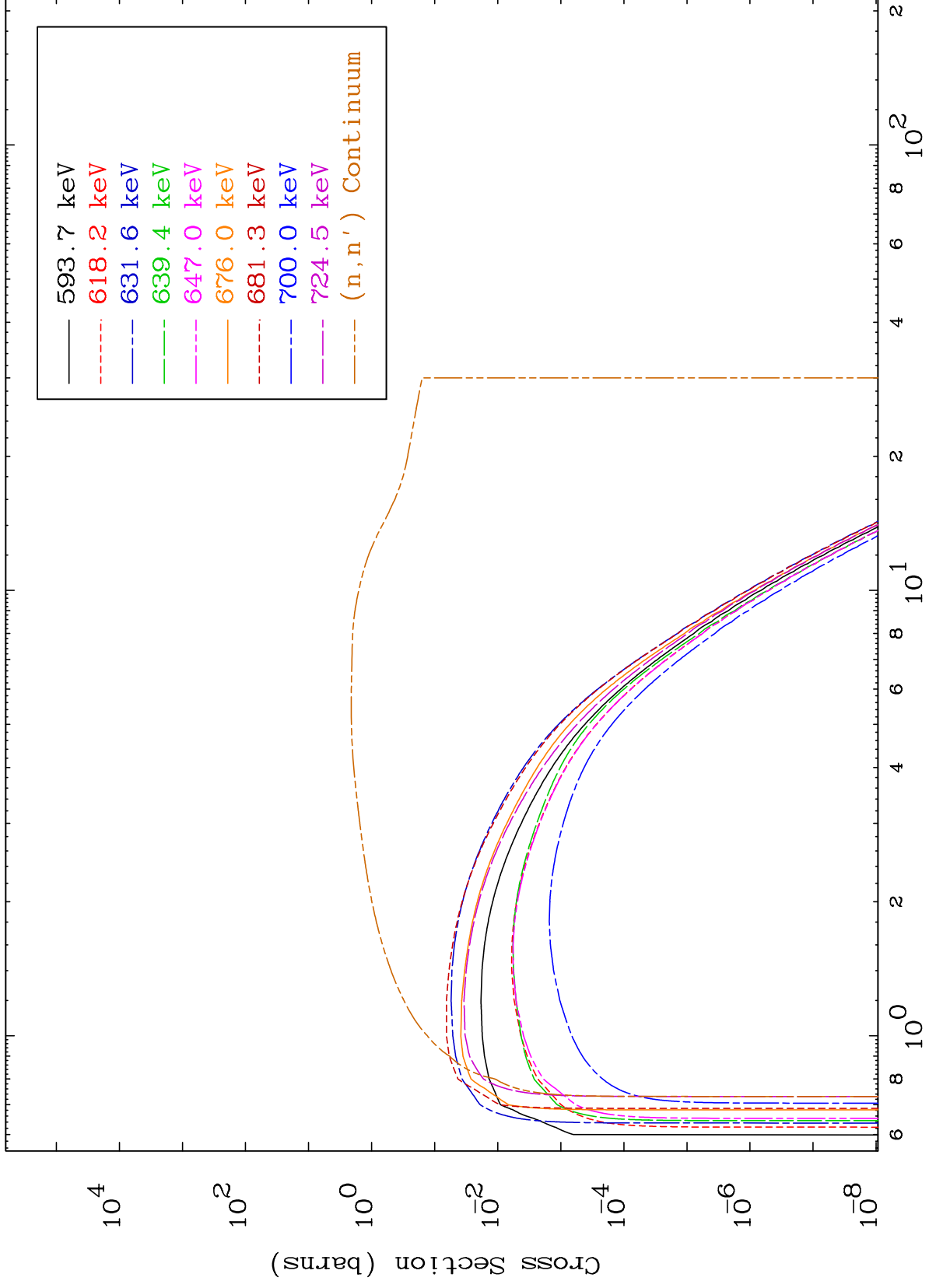
Incident Energy (MeV)

52-Te-121

MAT 5229

(n,n') Level  
293 Kelvin Cross Sections

52-Te-121



9

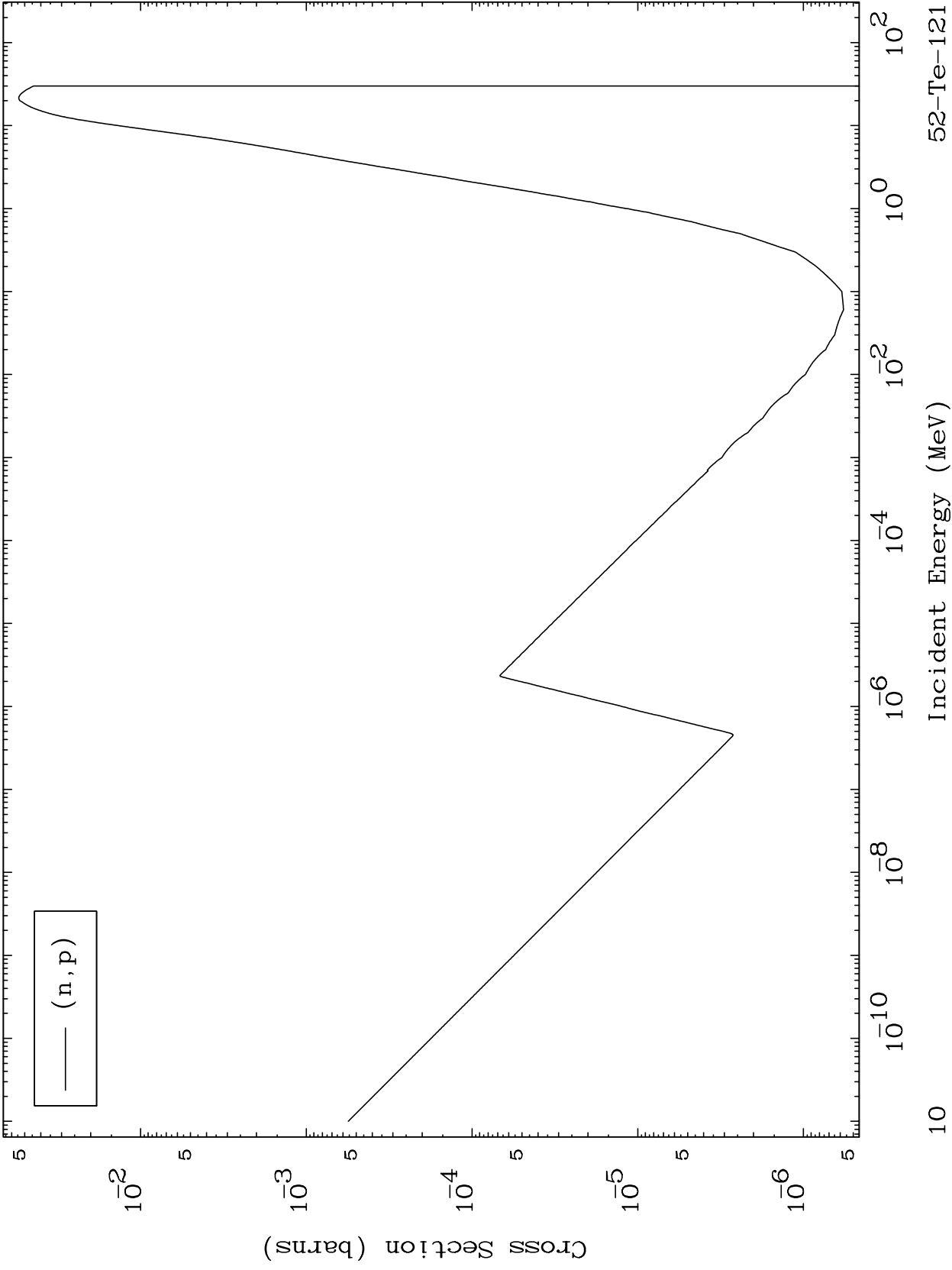
Incident Energy (MeV)

52-Te-121

MAT 5229

(n,p) Levels  
293 Kelvin Cross Sections

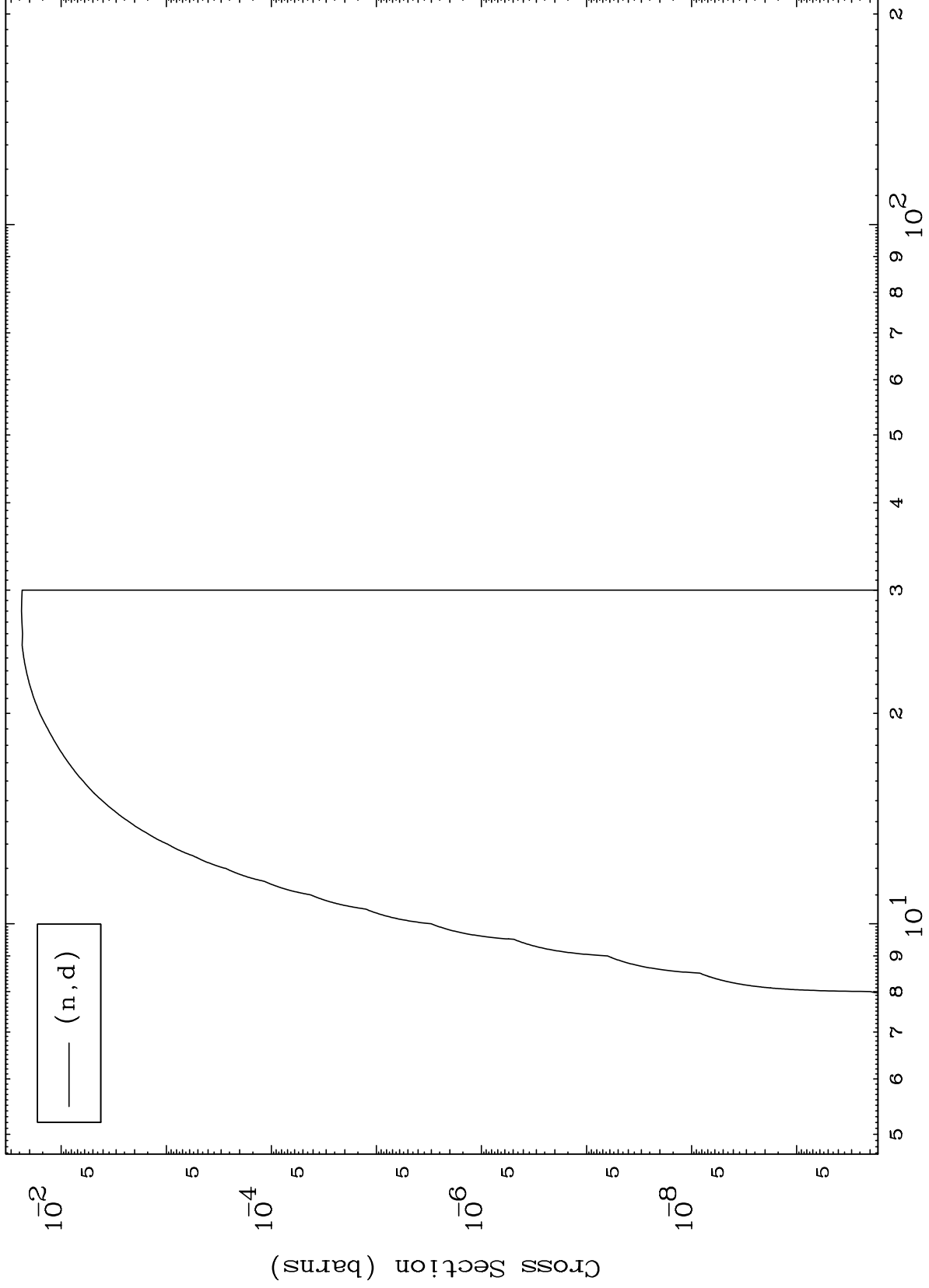
52-Te-121



MAT 5229

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-121



11

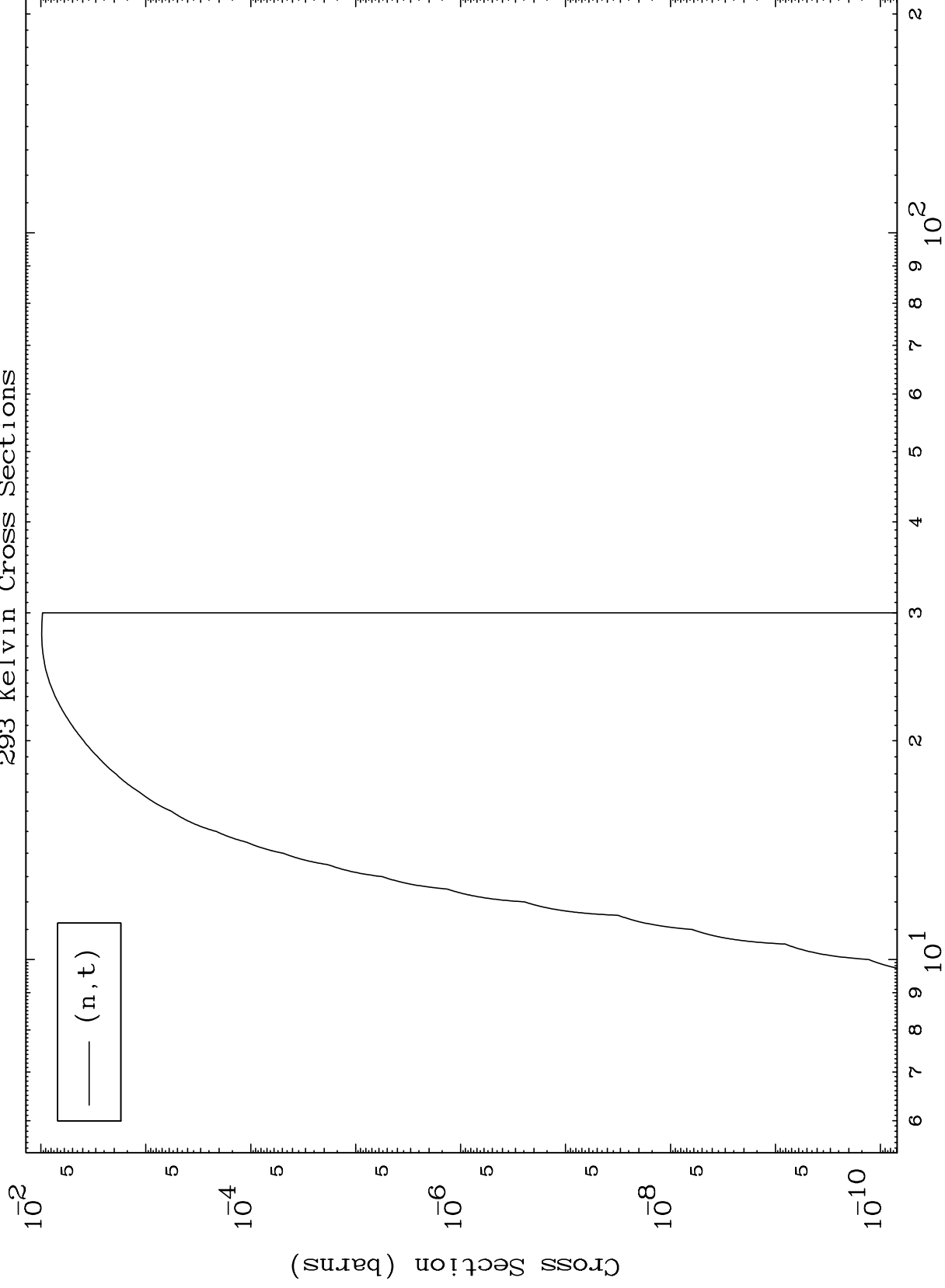
Incident Energy (MeV)

52-Te-121

MAT 5229

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-121



12

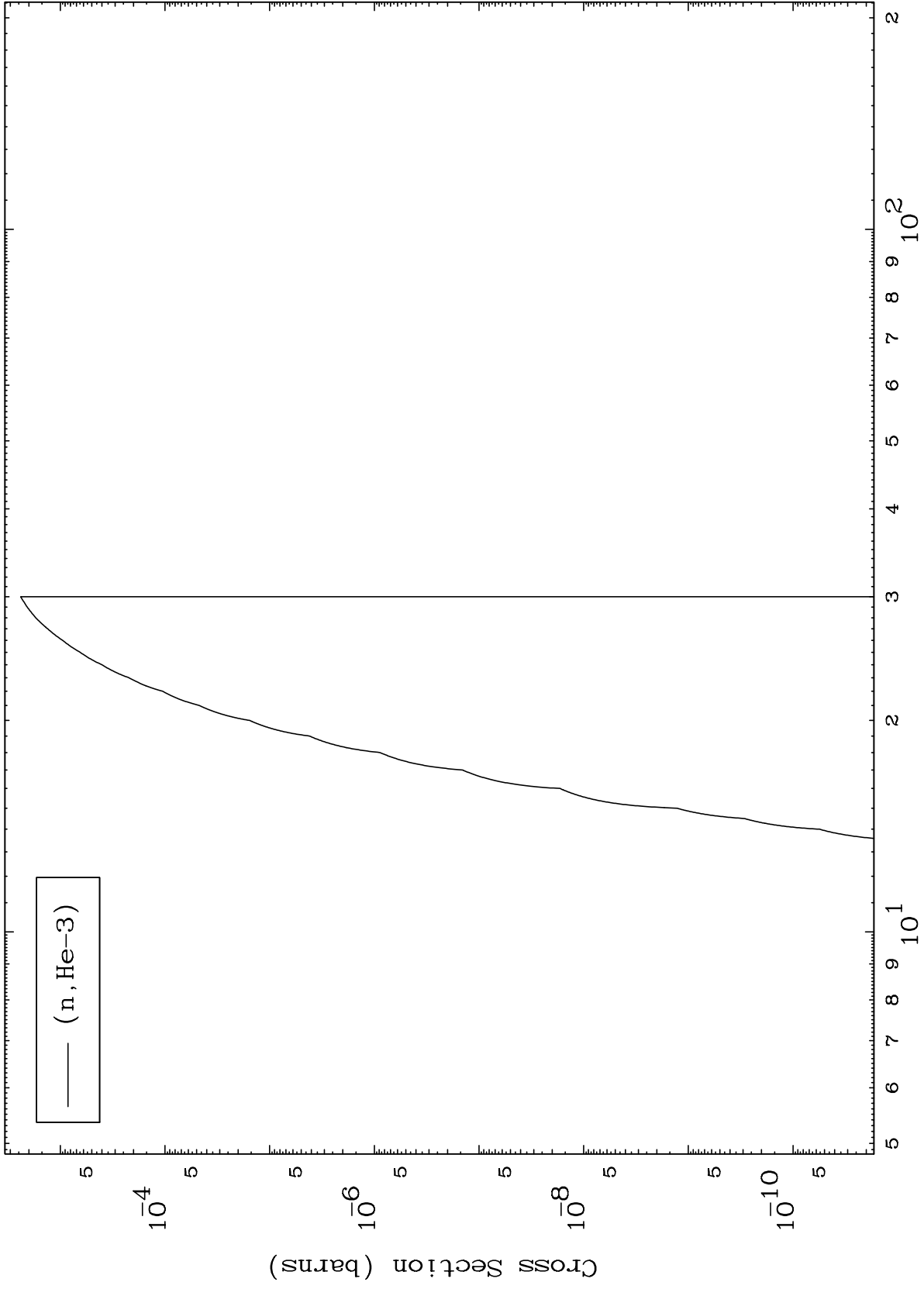
Incident Energy (MeV)

52-Te-121

MAT 5229

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-121



13

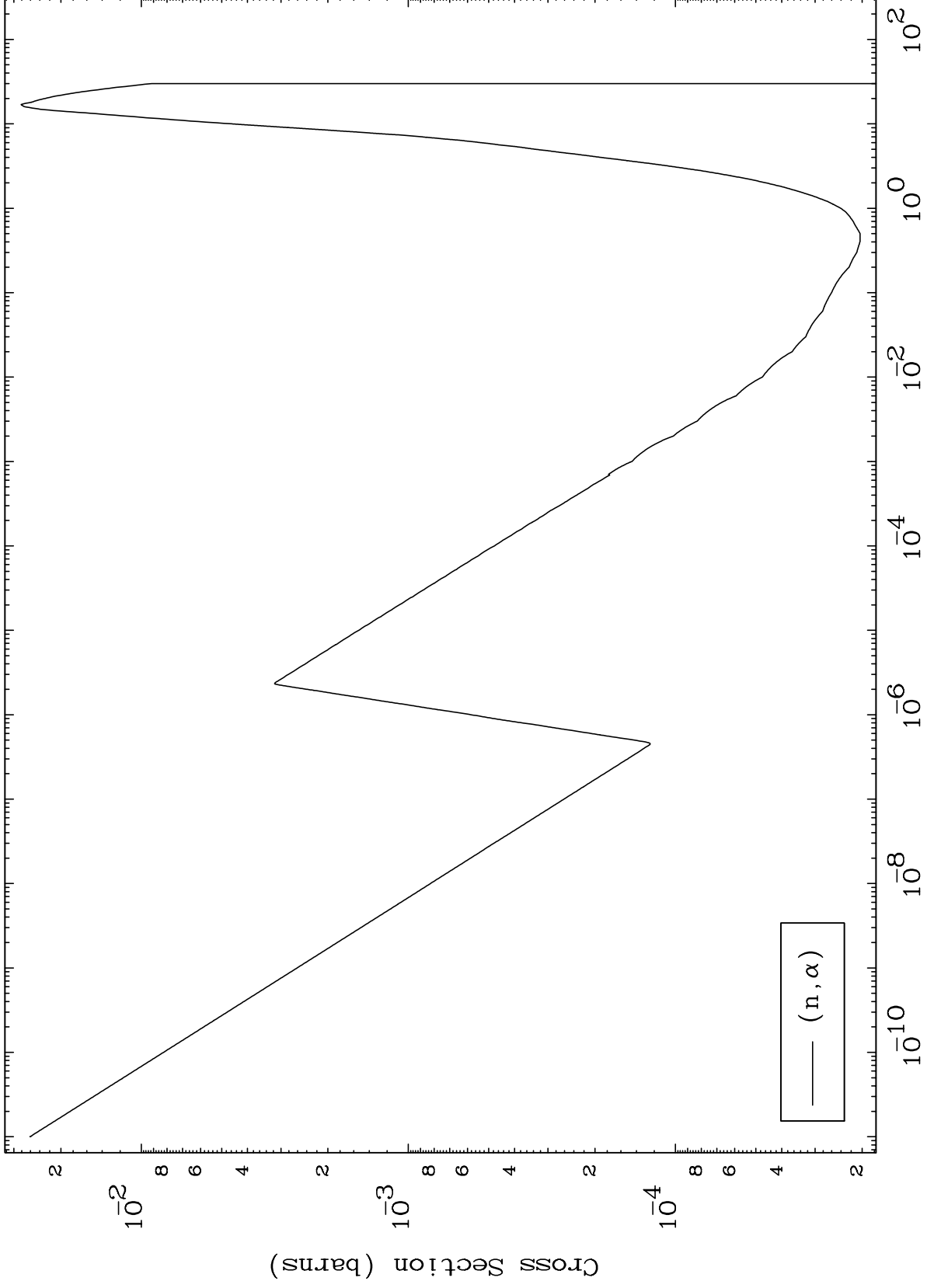
Incident Energy (MeV)

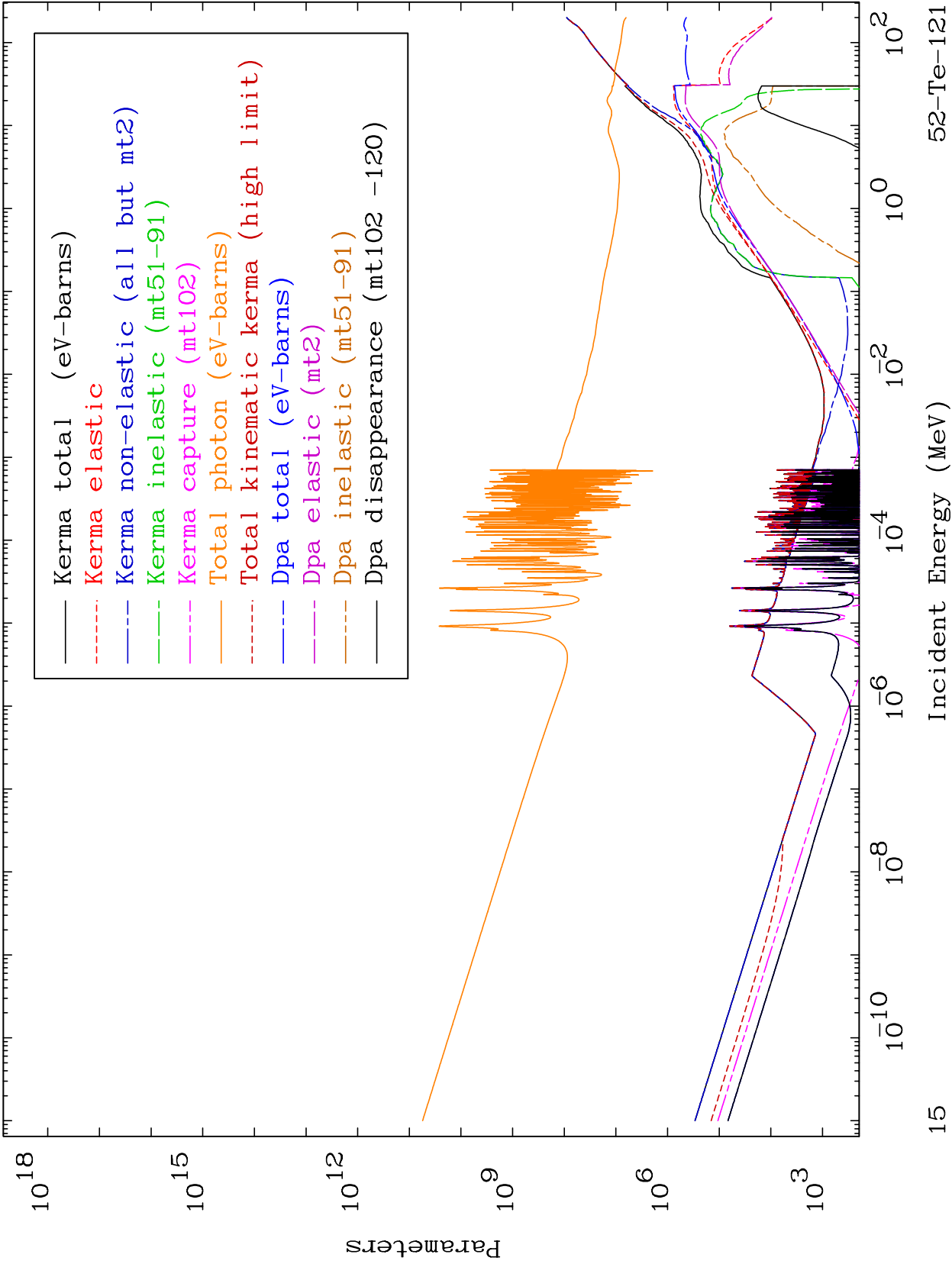
52-Te-121

MAT 5229

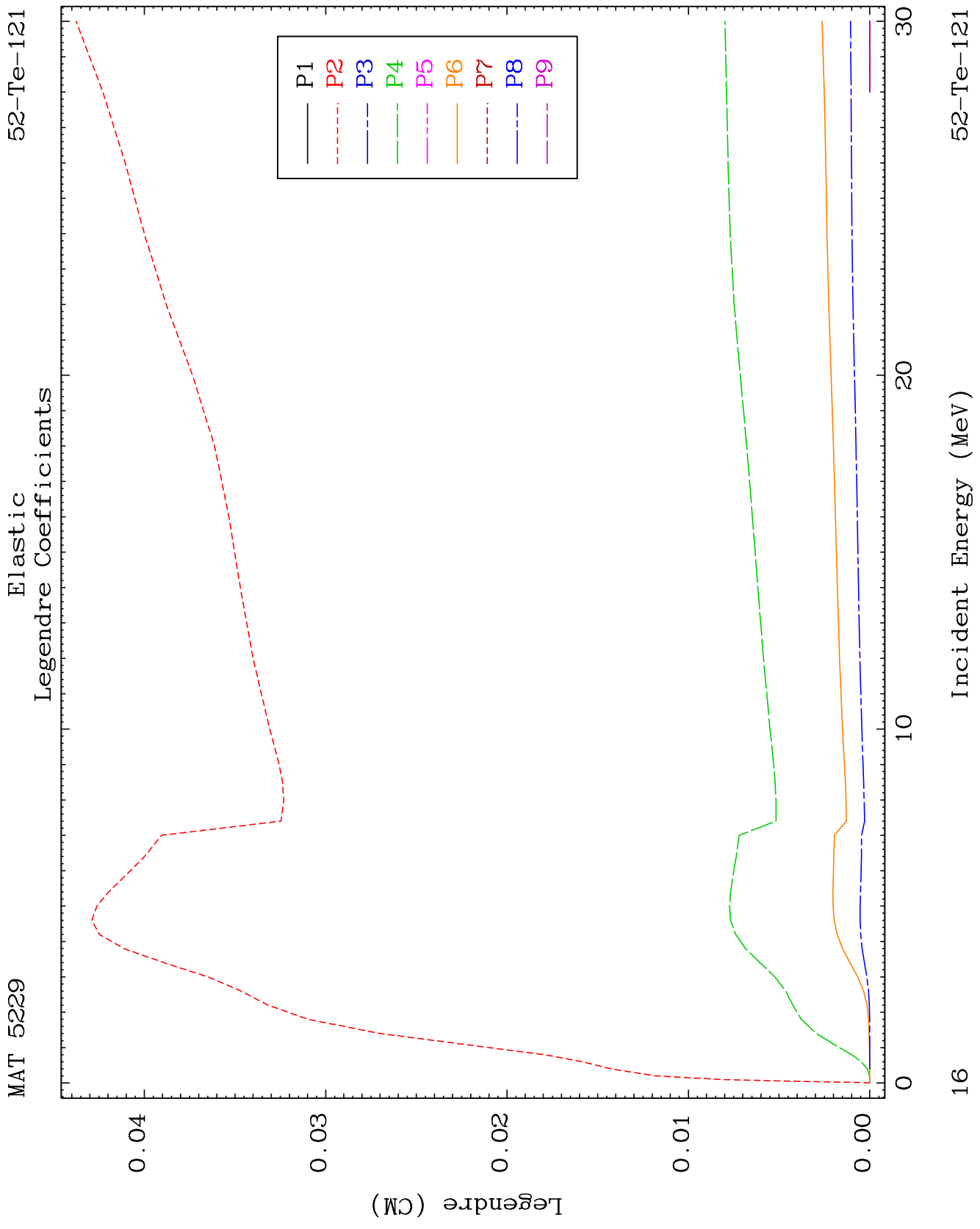
(n,α) Levels  
293 Kelvin Cross Sections

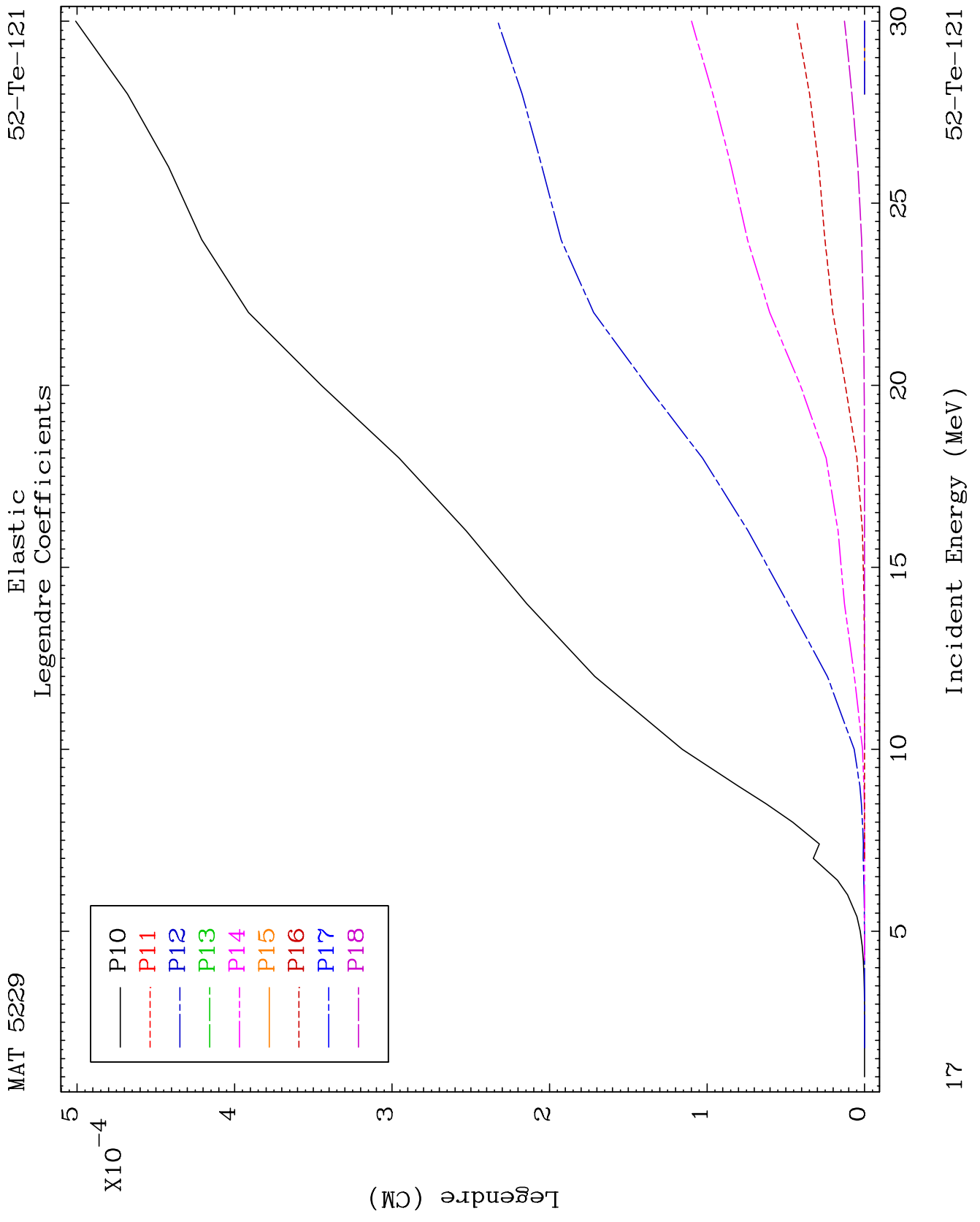
52-Te-121







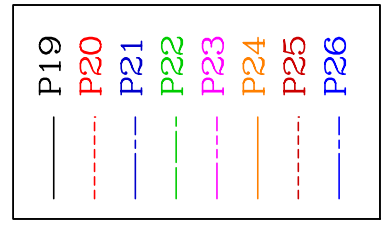




MAT 5229

Elastic Legendre Coefficients

52-Te-121



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

25

30

18

Incident Energy (MeV)

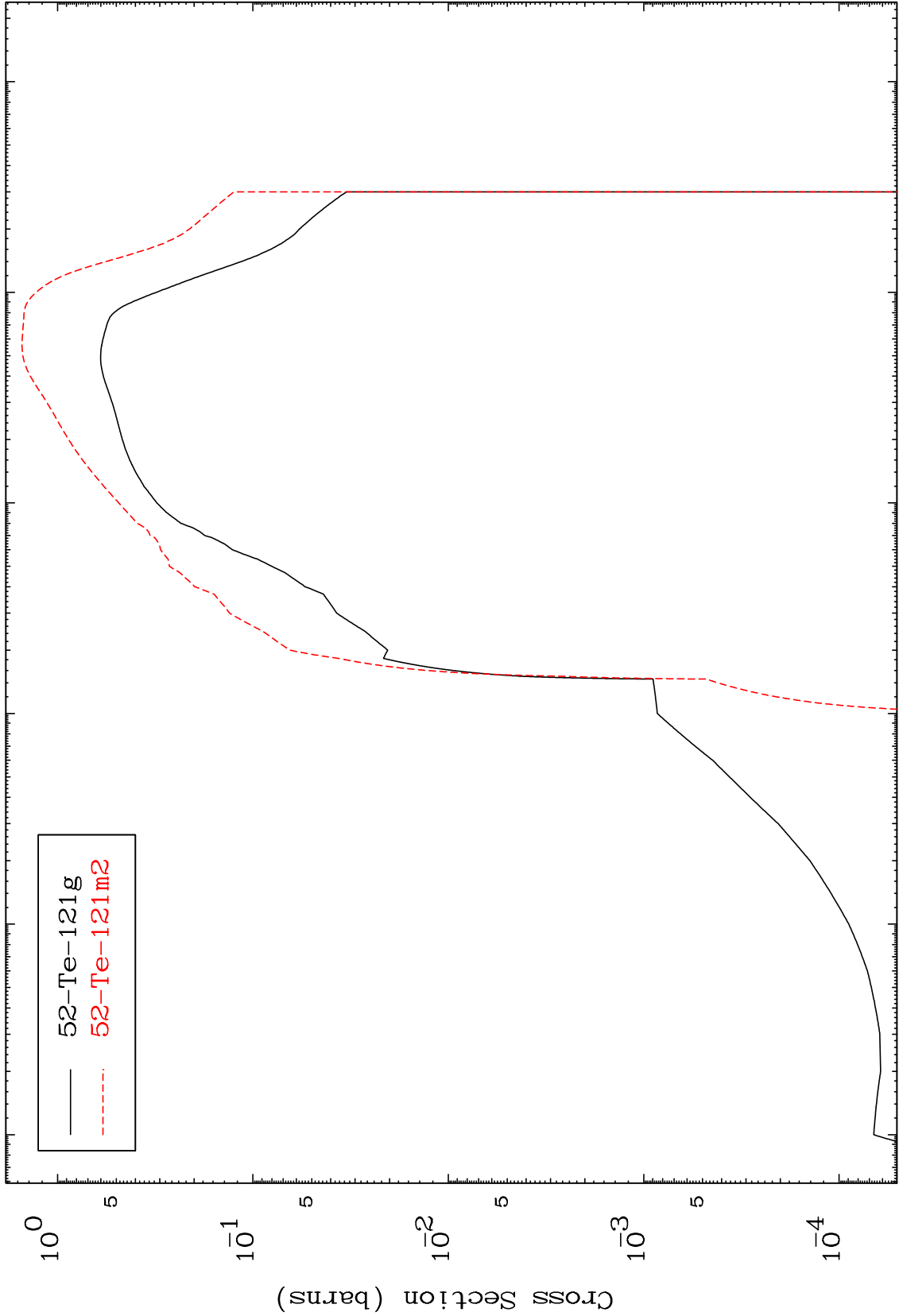
52-Te-121



MAT 5229

52-Te-121

Inelastic  
Radionuclide Production Cross Section



19

Incident Energy (MeV)

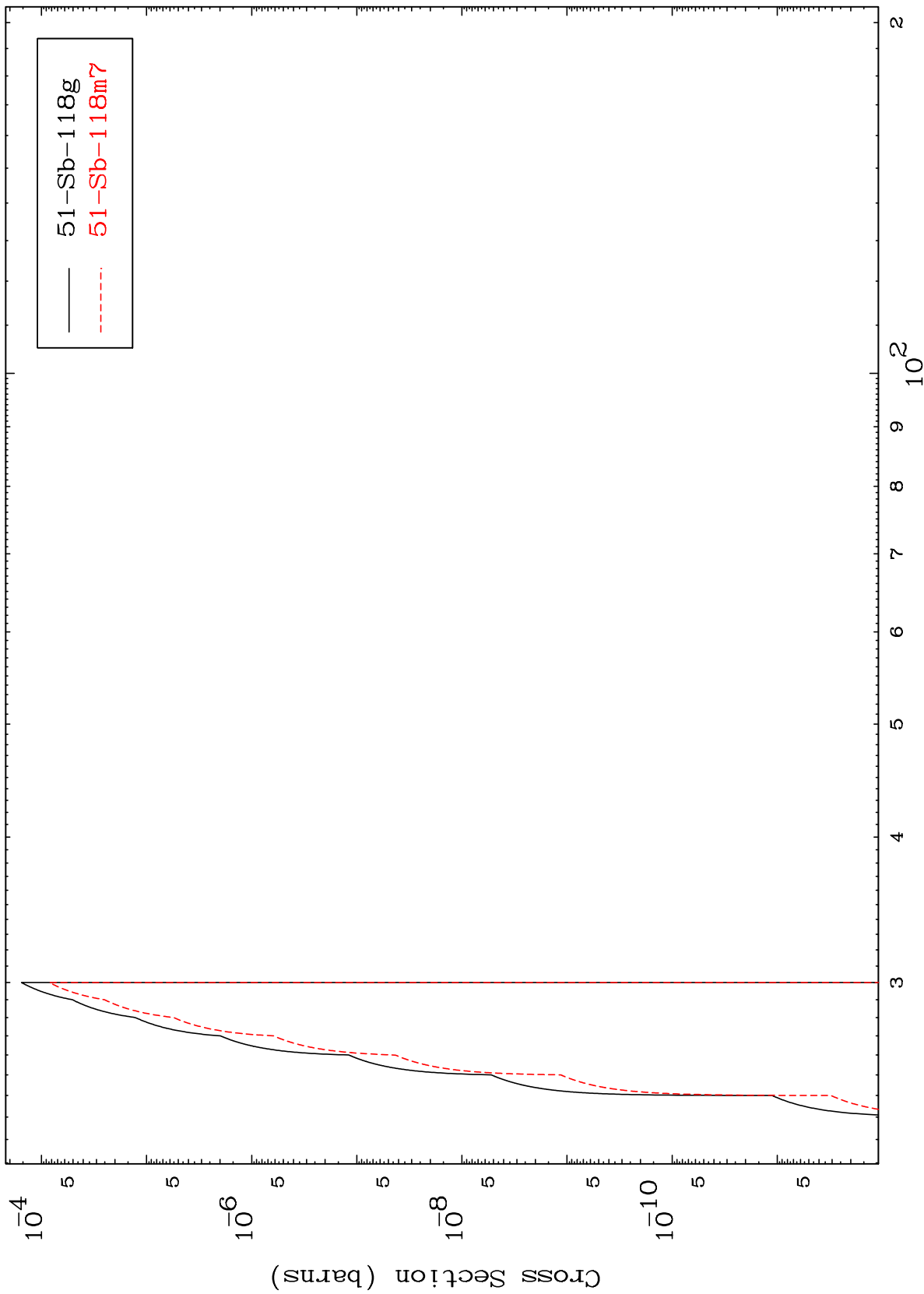
52-Te-121

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(n,2n) d

52-Te-121

Radionuclide Production Cross Section



20

Incident Energy (MeV)

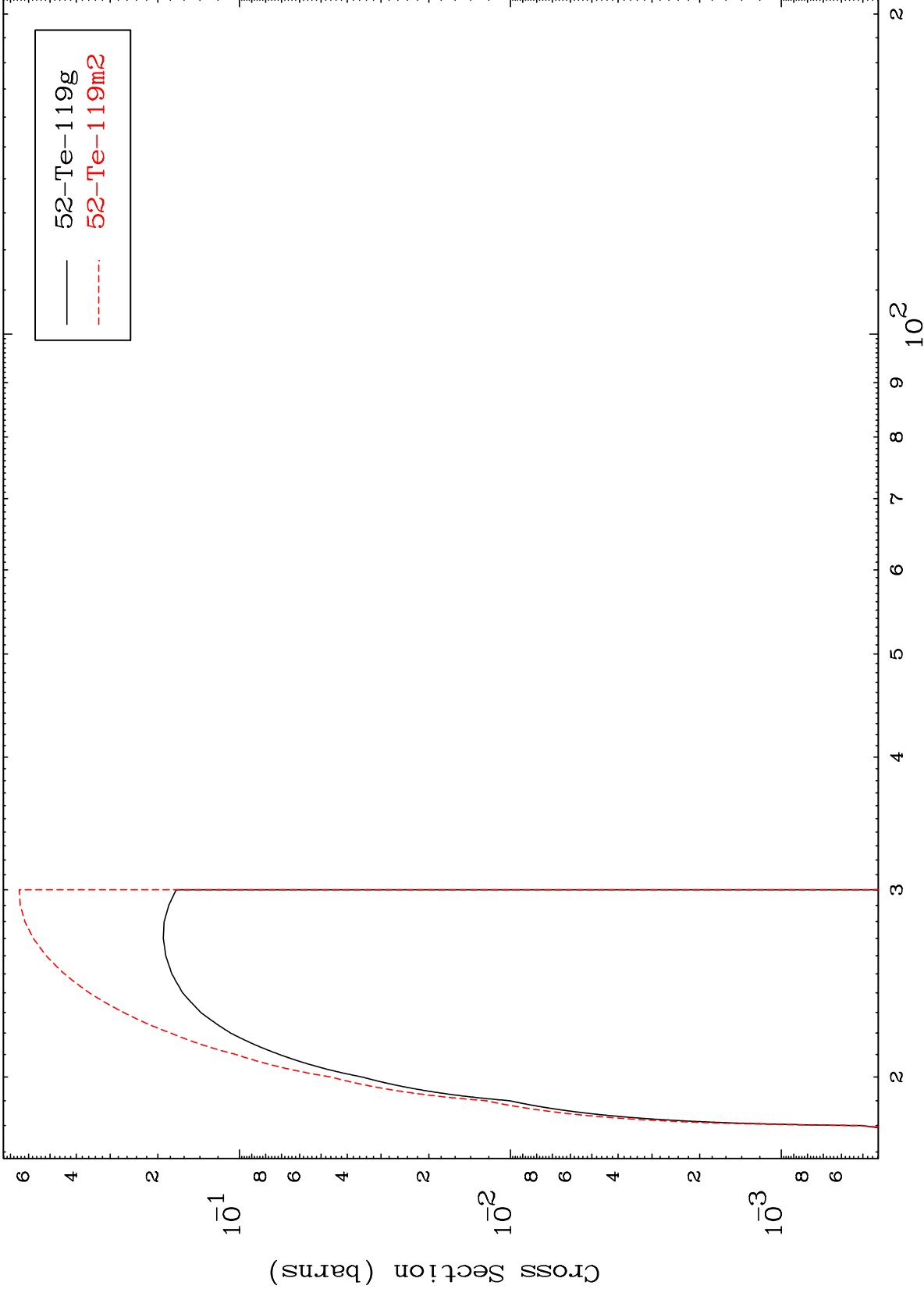
52-Te-121

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(n,3n)

52-Te-121

Radionuclide Production Cross Section



21

Incident Energy (MeV)

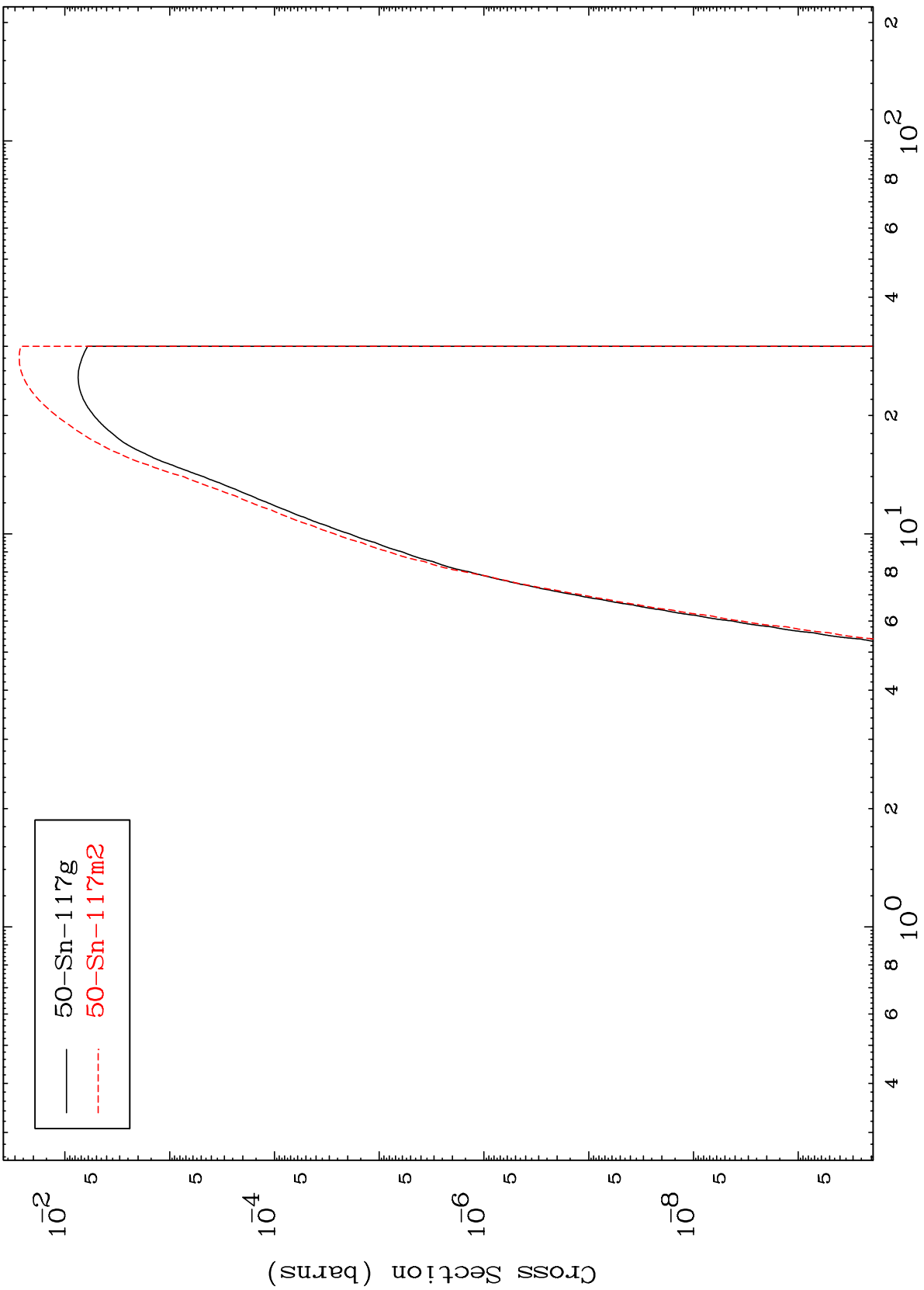
52-Te-121

MAT 5229

(n,n')  $\alpha$

52-Te-121

Radionuclide Production Cross Section



22

Incident Energy (MeV)

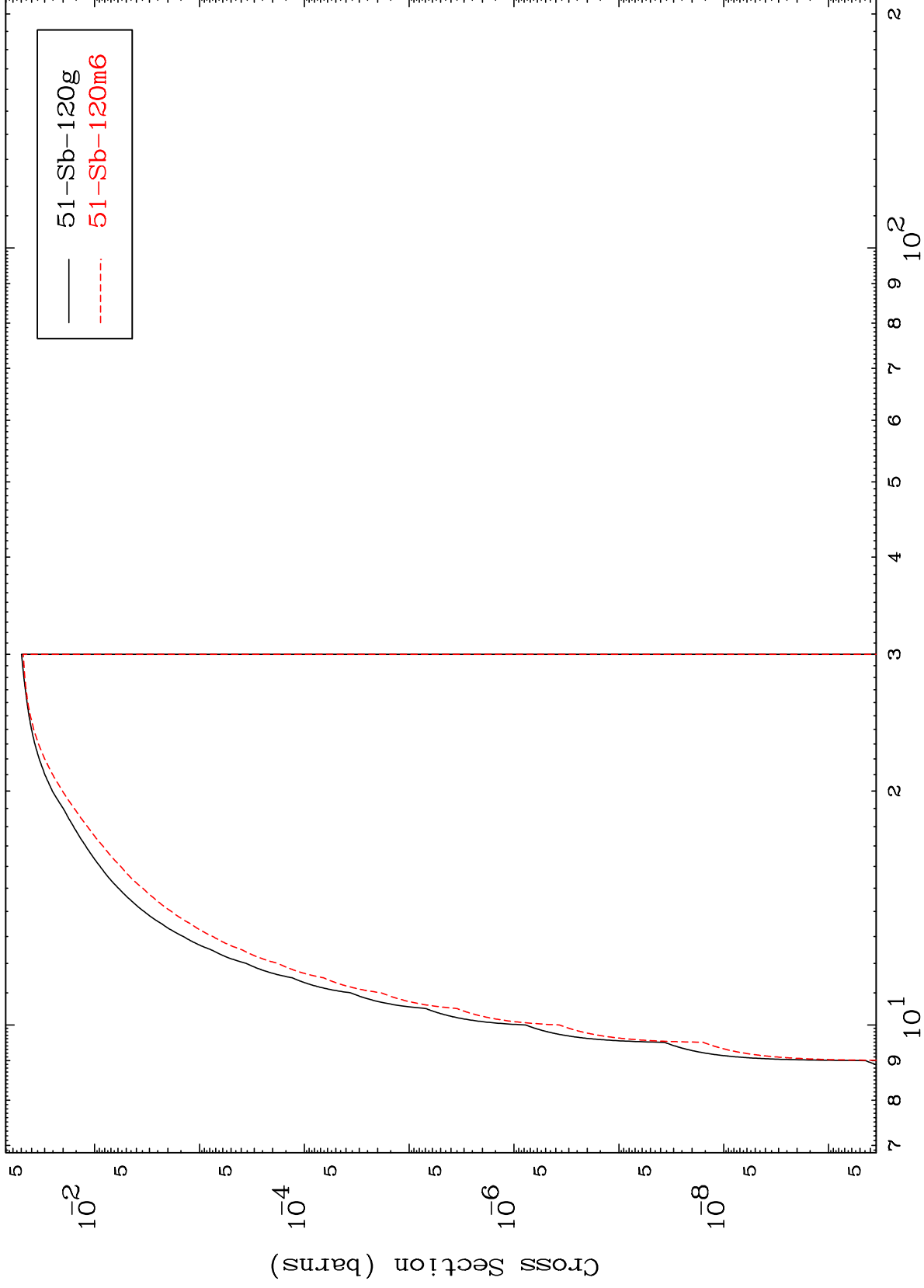
52-Te-121

MAT 5229

(n,n') p

52-Te-121

Radionuclide Production Cross Section



23

Incident Energy (MeV)

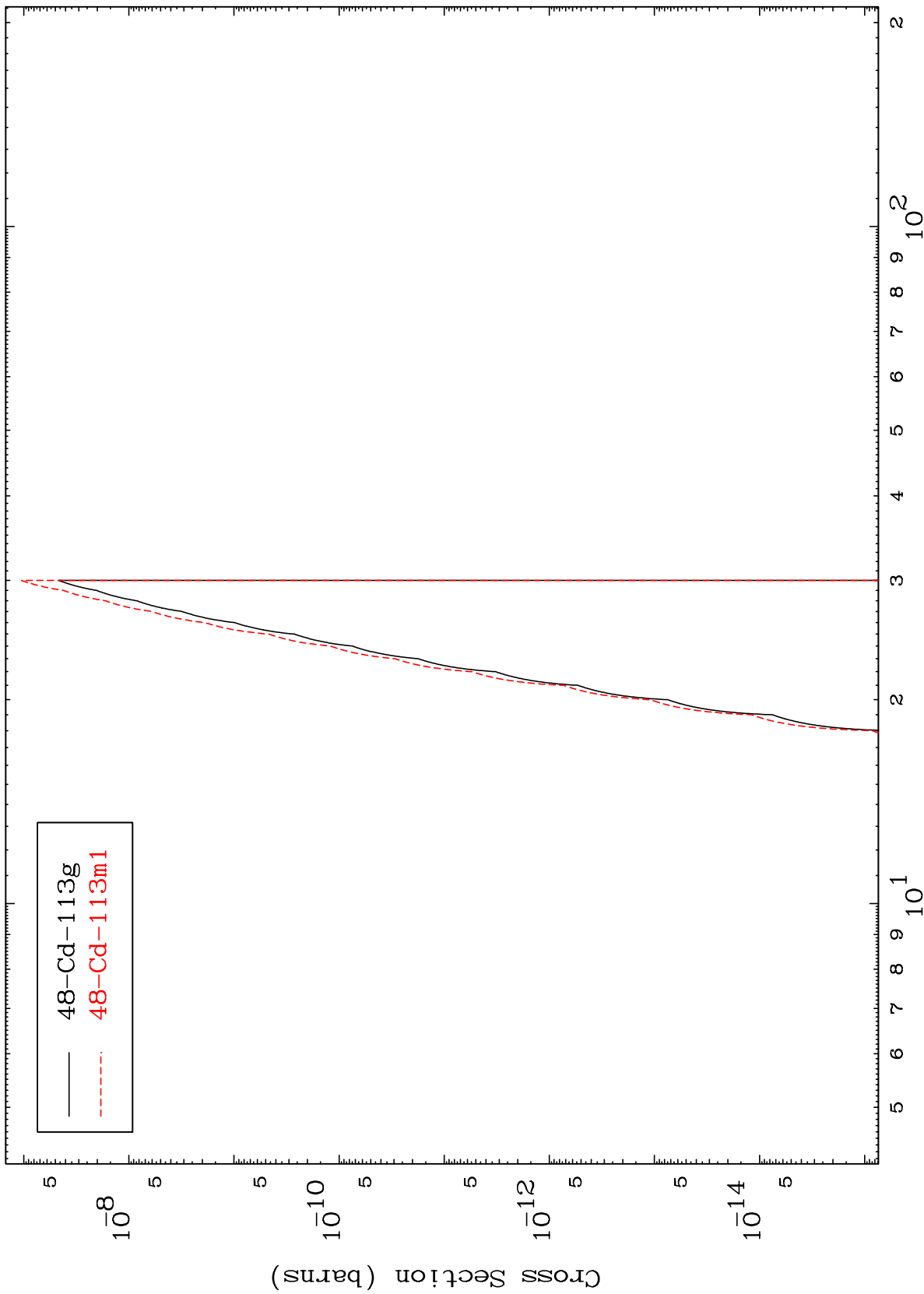
52-Te-121



MAT 5229

52-Te-121

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

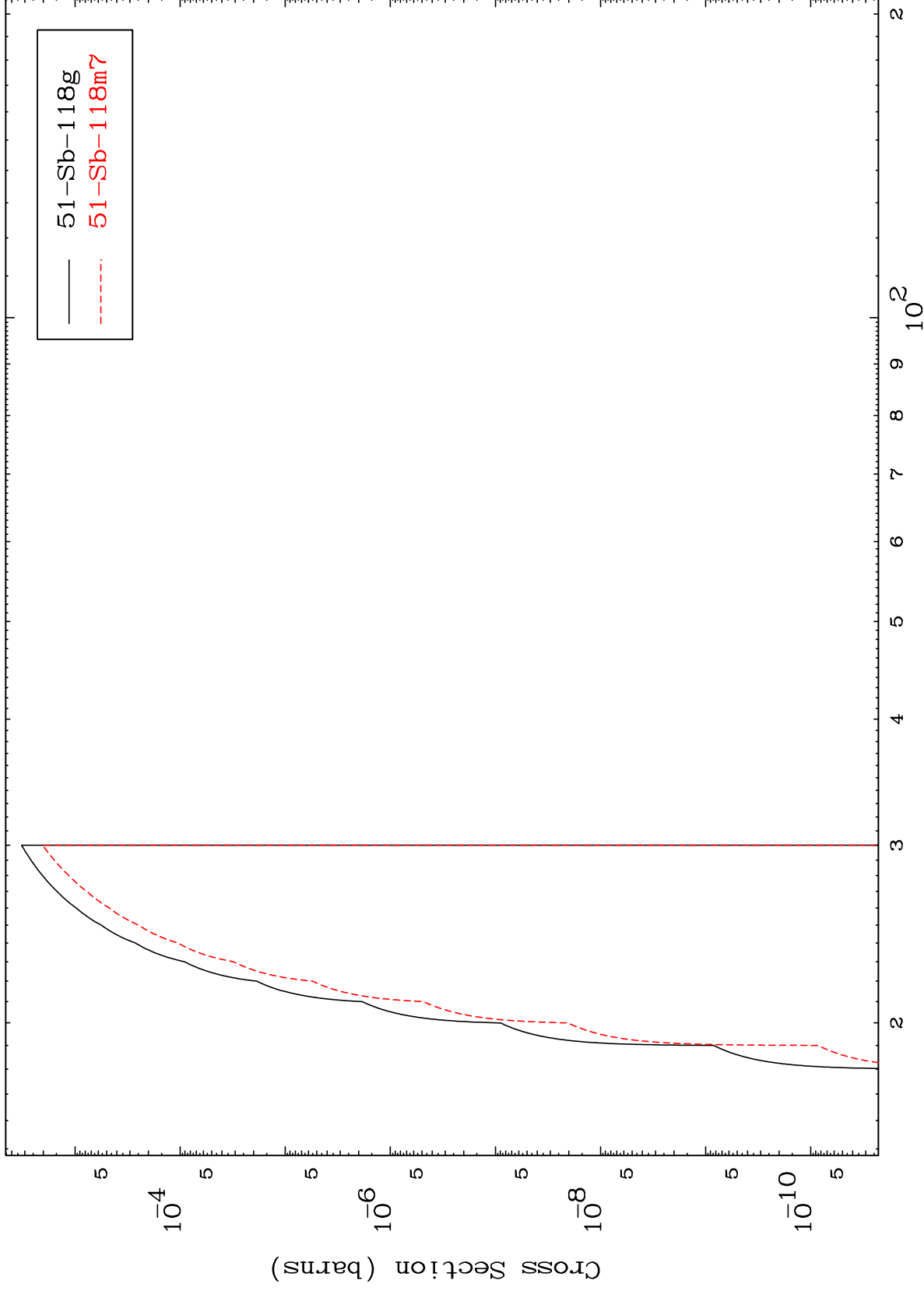


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52-Te-121

Incident Energy (MeV)

Radionuclide Production Cross Section

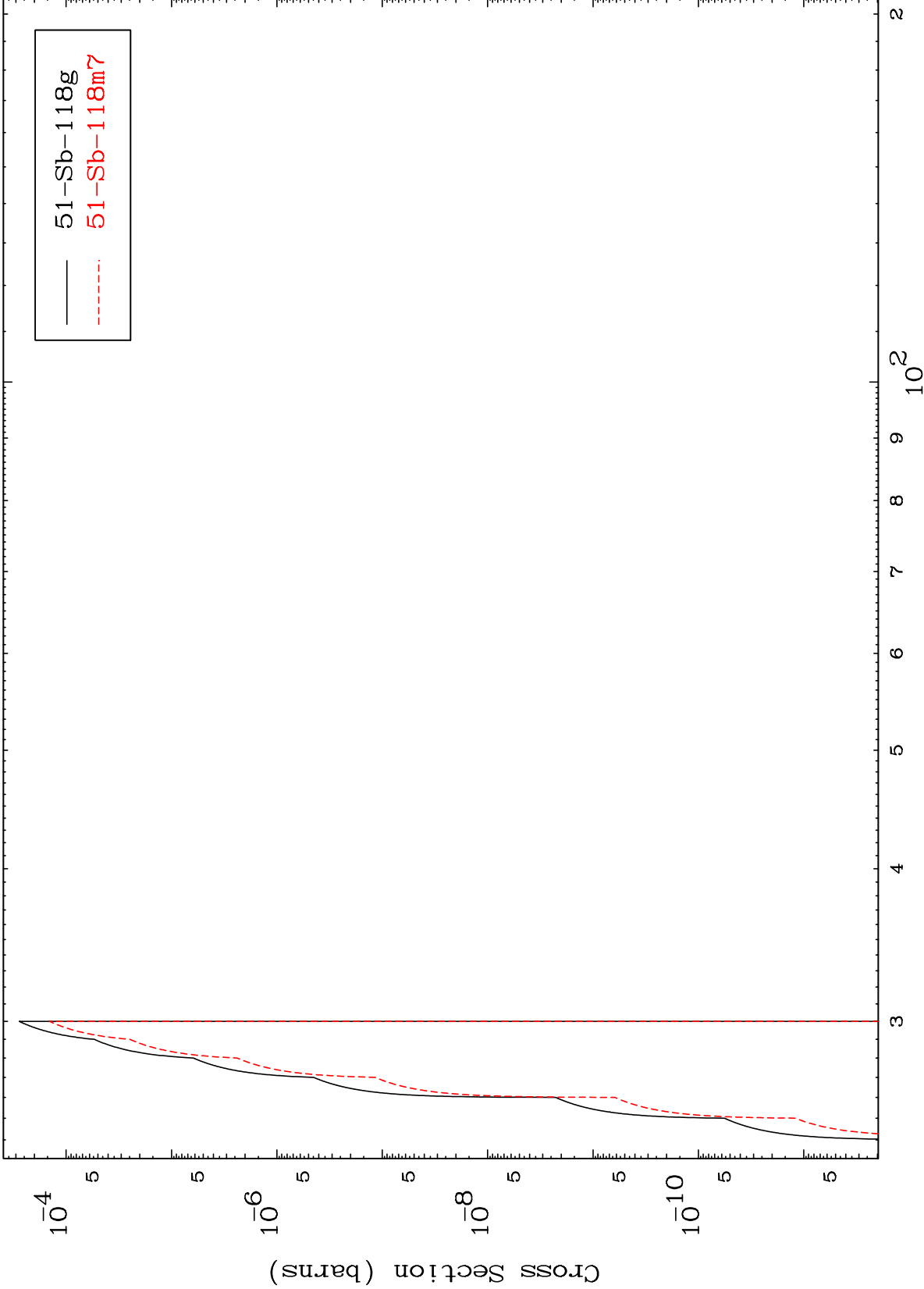


MAT 5229

(n,3n) p

52-Te-121

Radionuclide Production Cross Section



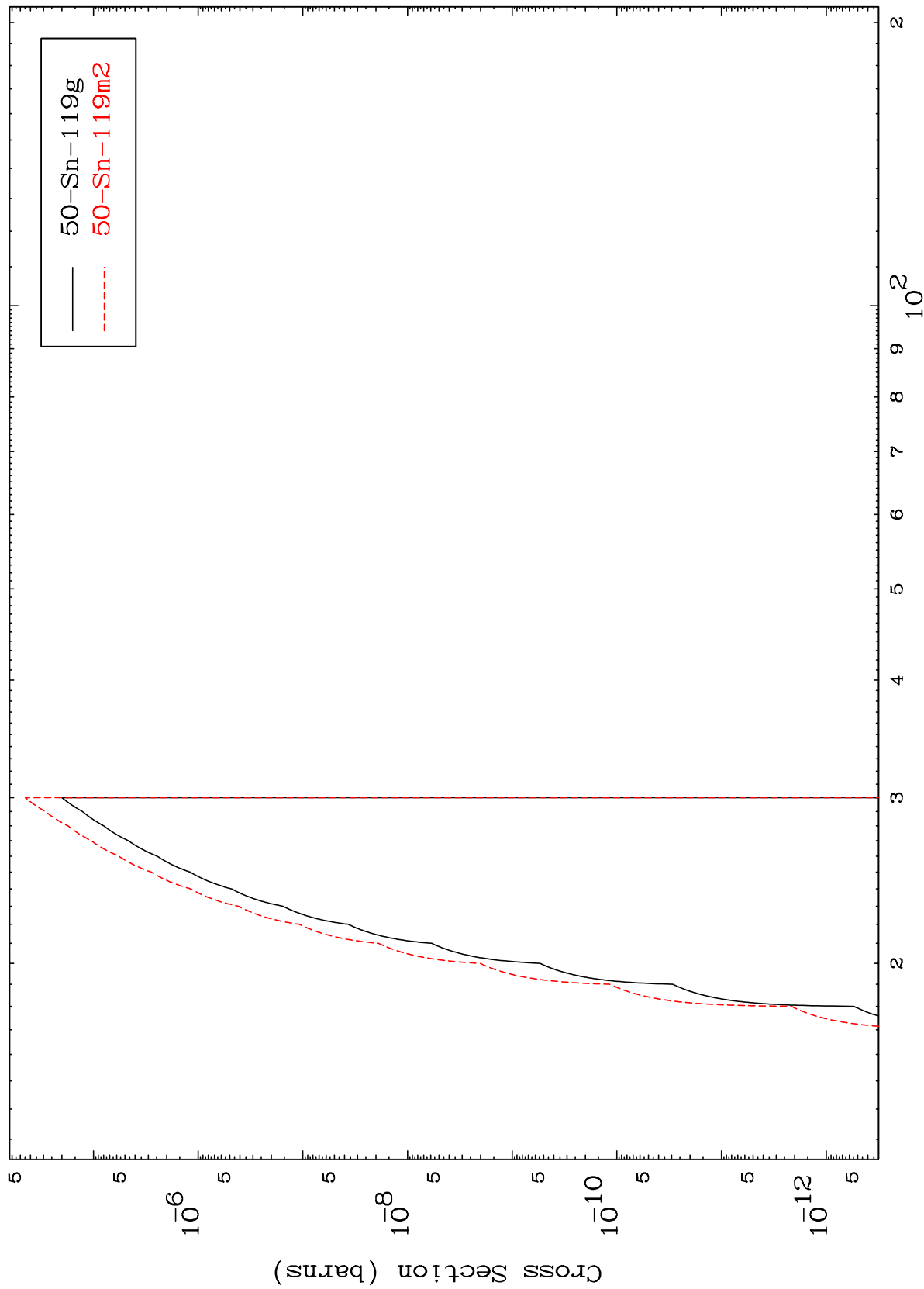
51-Sb-118g  
51-Sb-118m7

26

Incident Energy (MeV)

52-Te-121

Radionuclide Production Cross Section

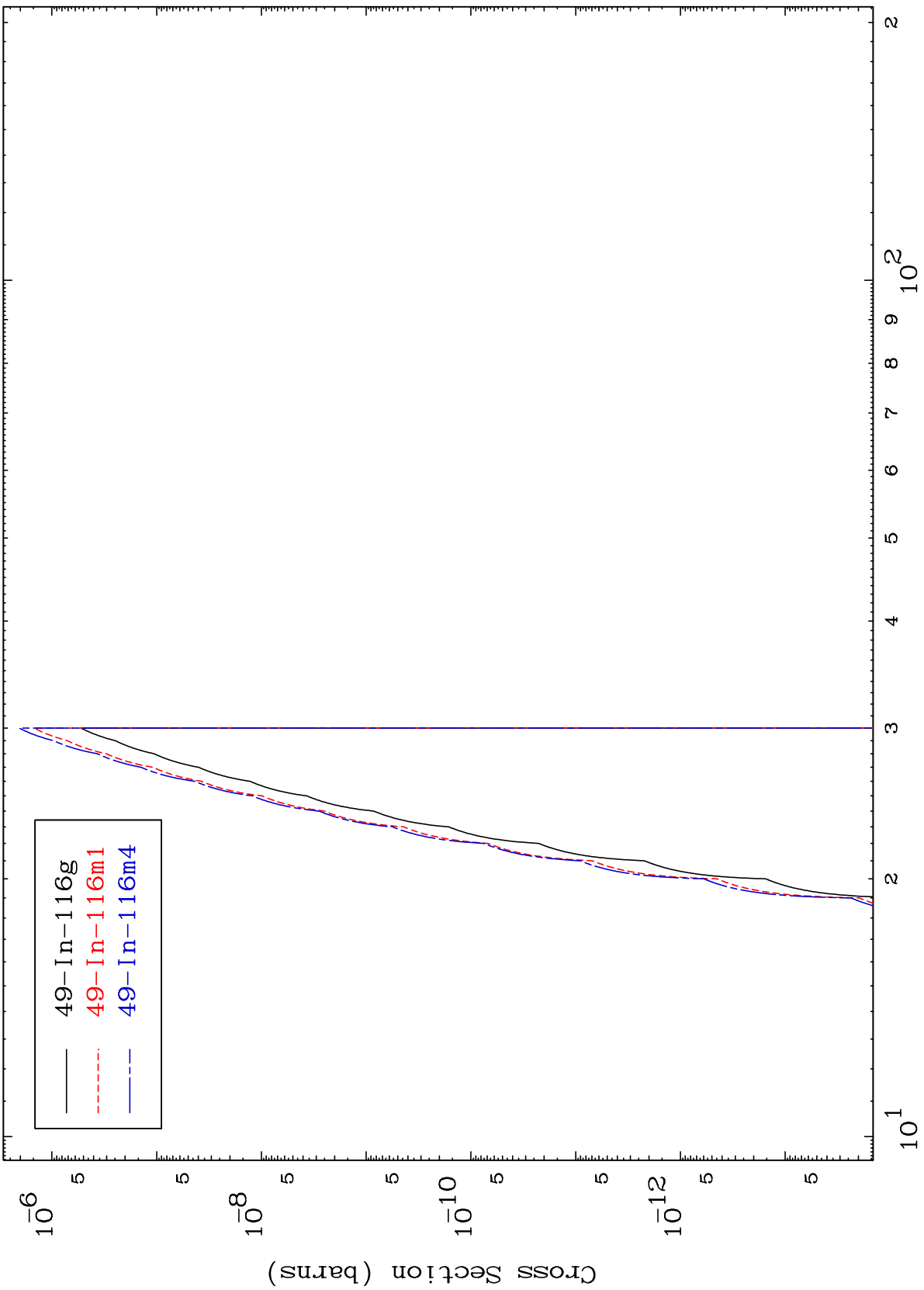


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(n,n') p  $\alpha$

52-Te-121

Radionuclide Production Cross Section



49-In-116g  
49-In-116m1  
49-In-116m4

28

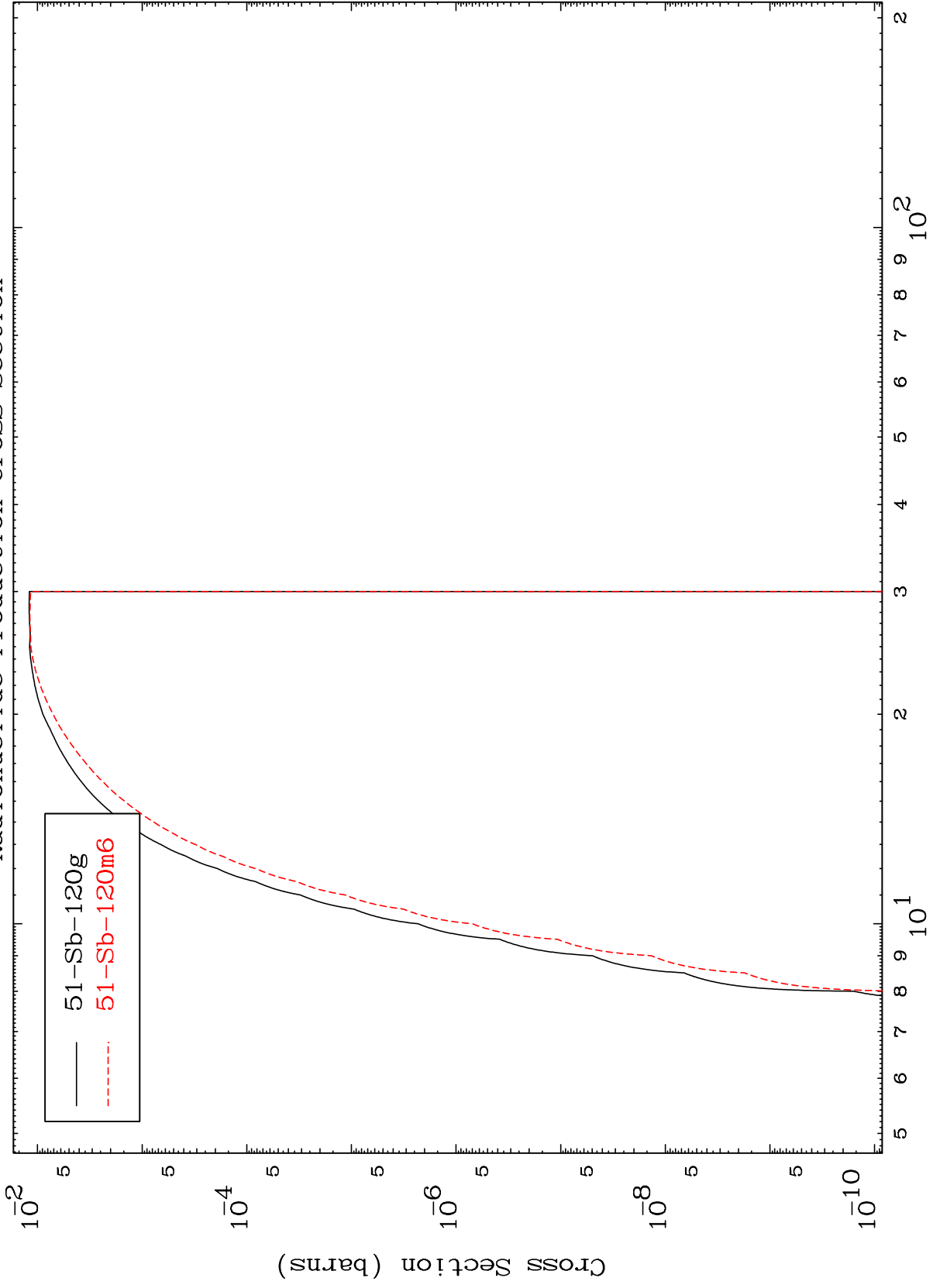
Incident Energy (MeV)

52-Te-121

MAT 5229

52-Te-121

(n,d)  
Radionuclide Production Cross Section



29

Incident Energy (MeV)

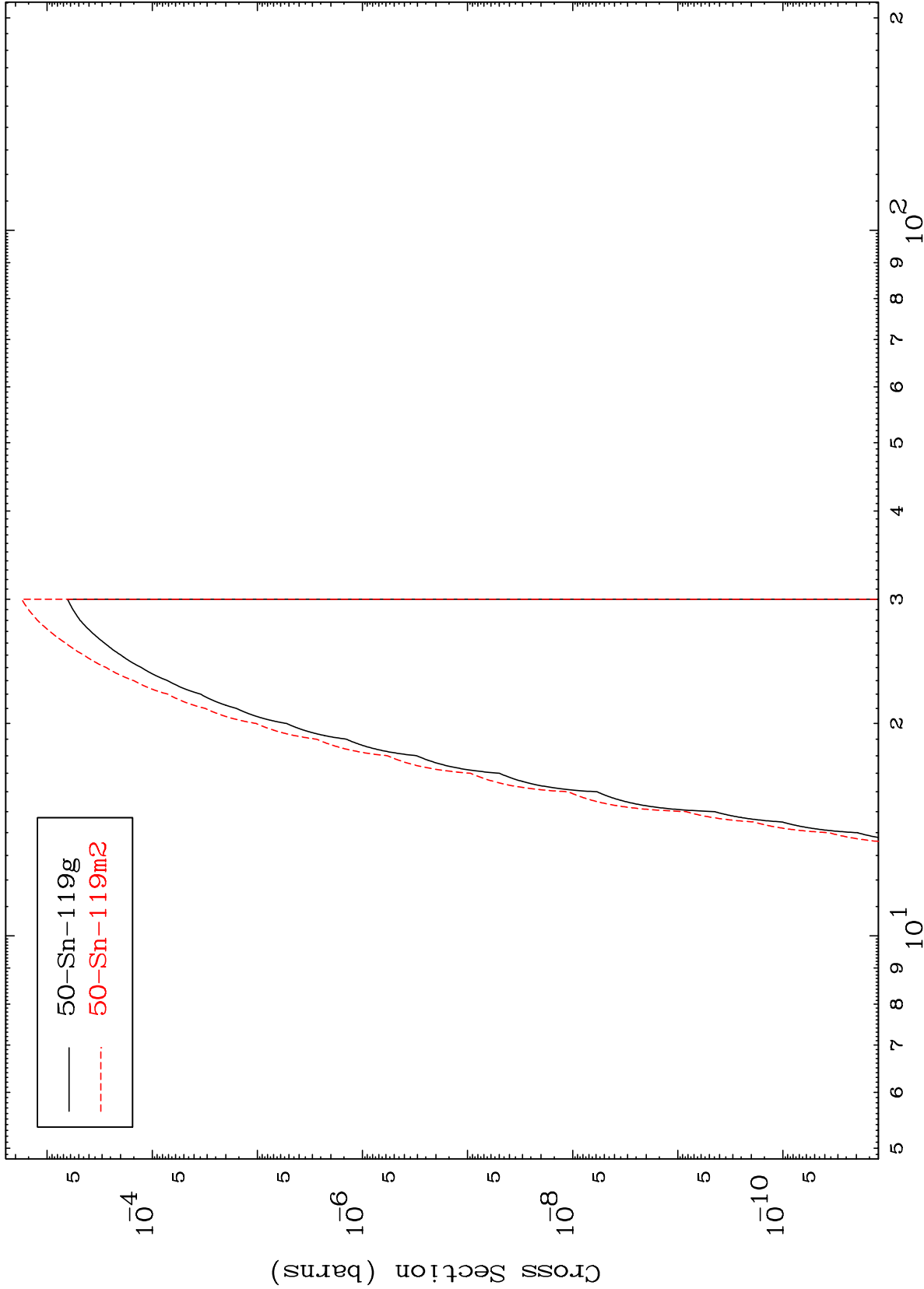
52-Te-121

MAT 5229

(n,He-3)

52-Te-121

Radionuclide Production Cross Section



30

Incident Energy (MeV)

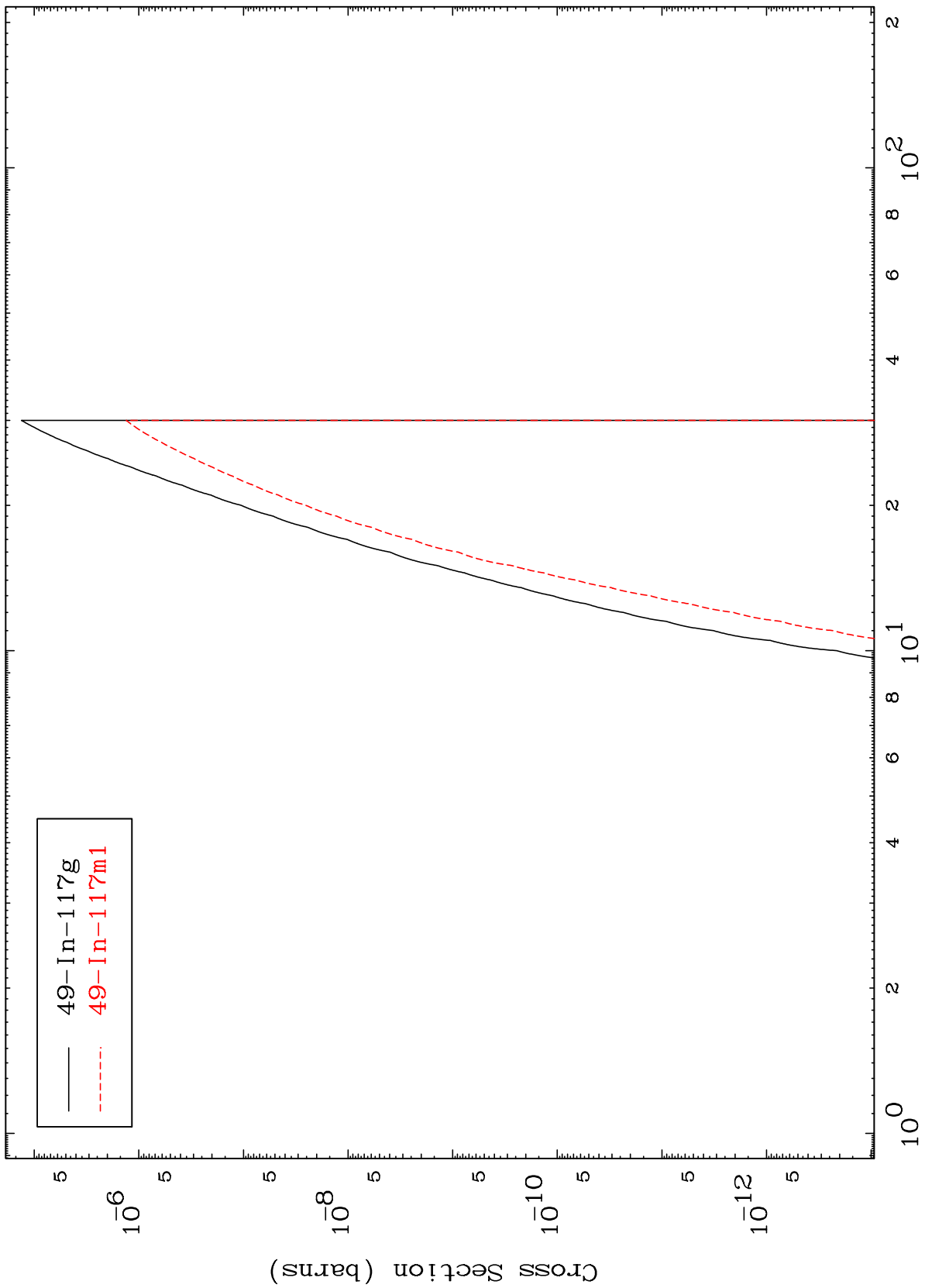
52-Te-121

MAT 5229

(n,p)  $\alpha$

52-Te-121

Radionuclide Production Cross Section



— 49-In-117g  
- - - 49-In-117m1

31

Incident Energy (MeV)

52-Te-121

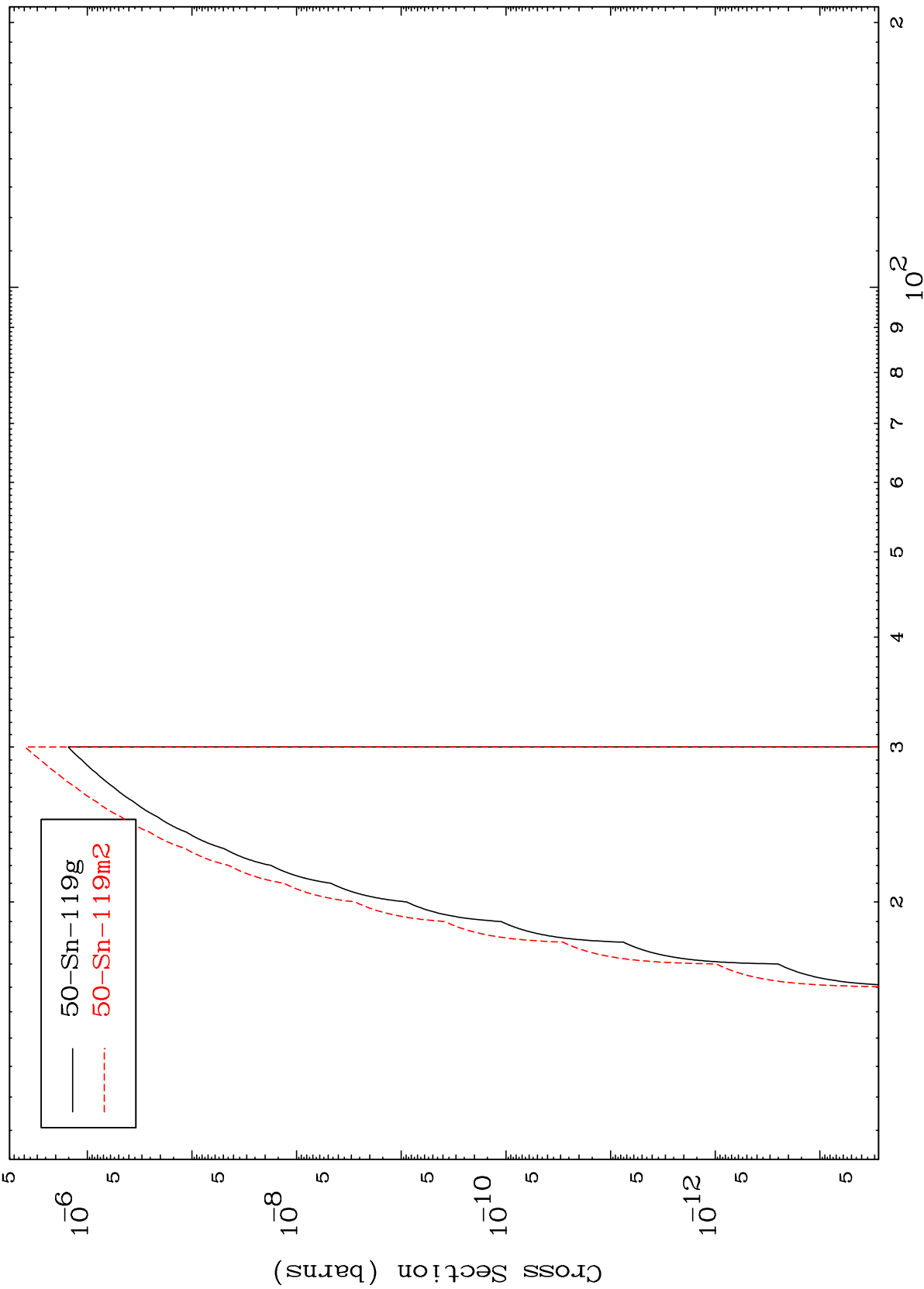


MAT 5229

(n,p) d

52-Te-121

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-121

32

