

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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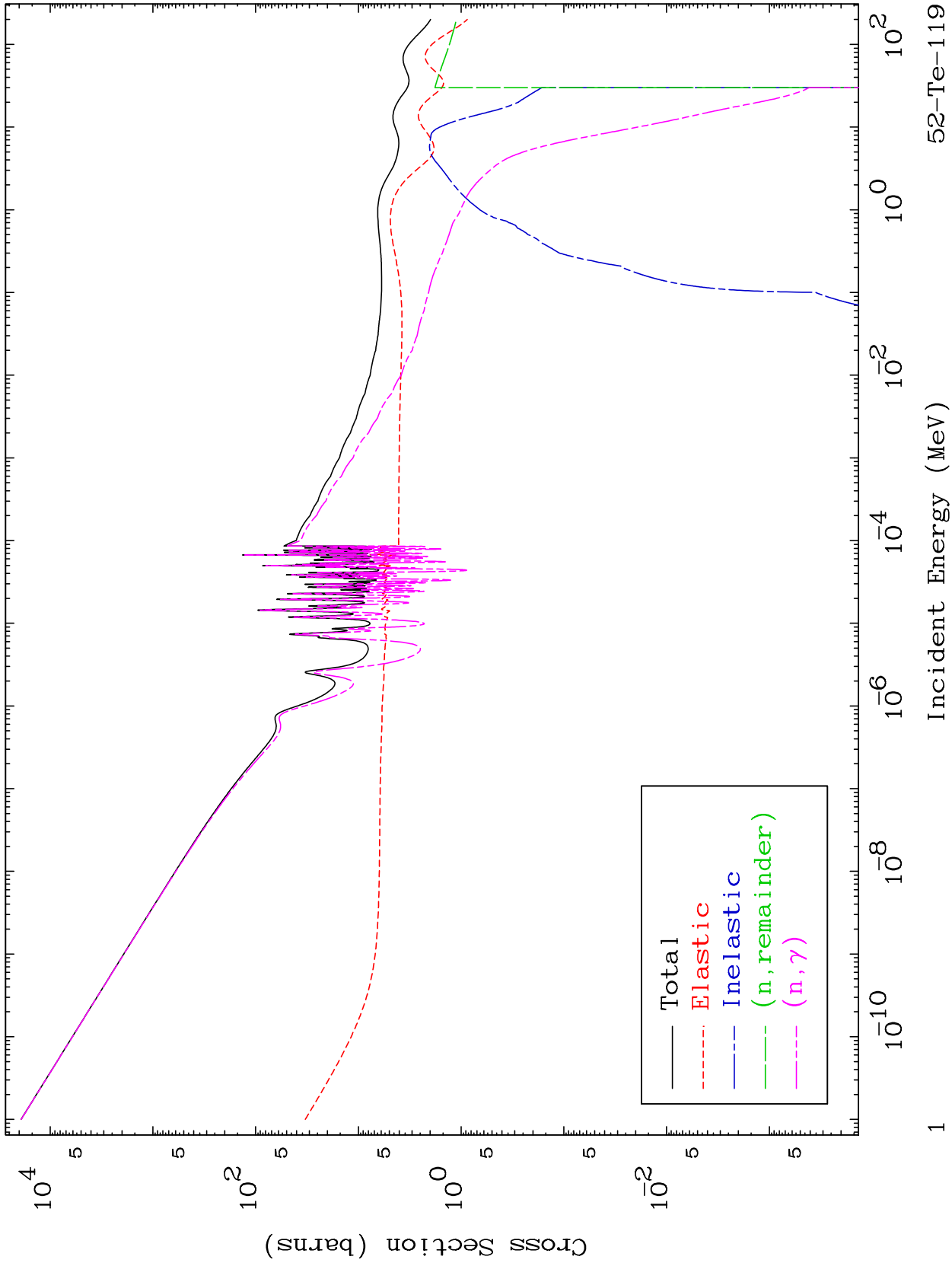
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5223

Major  
293 Kelvin Cross Sections

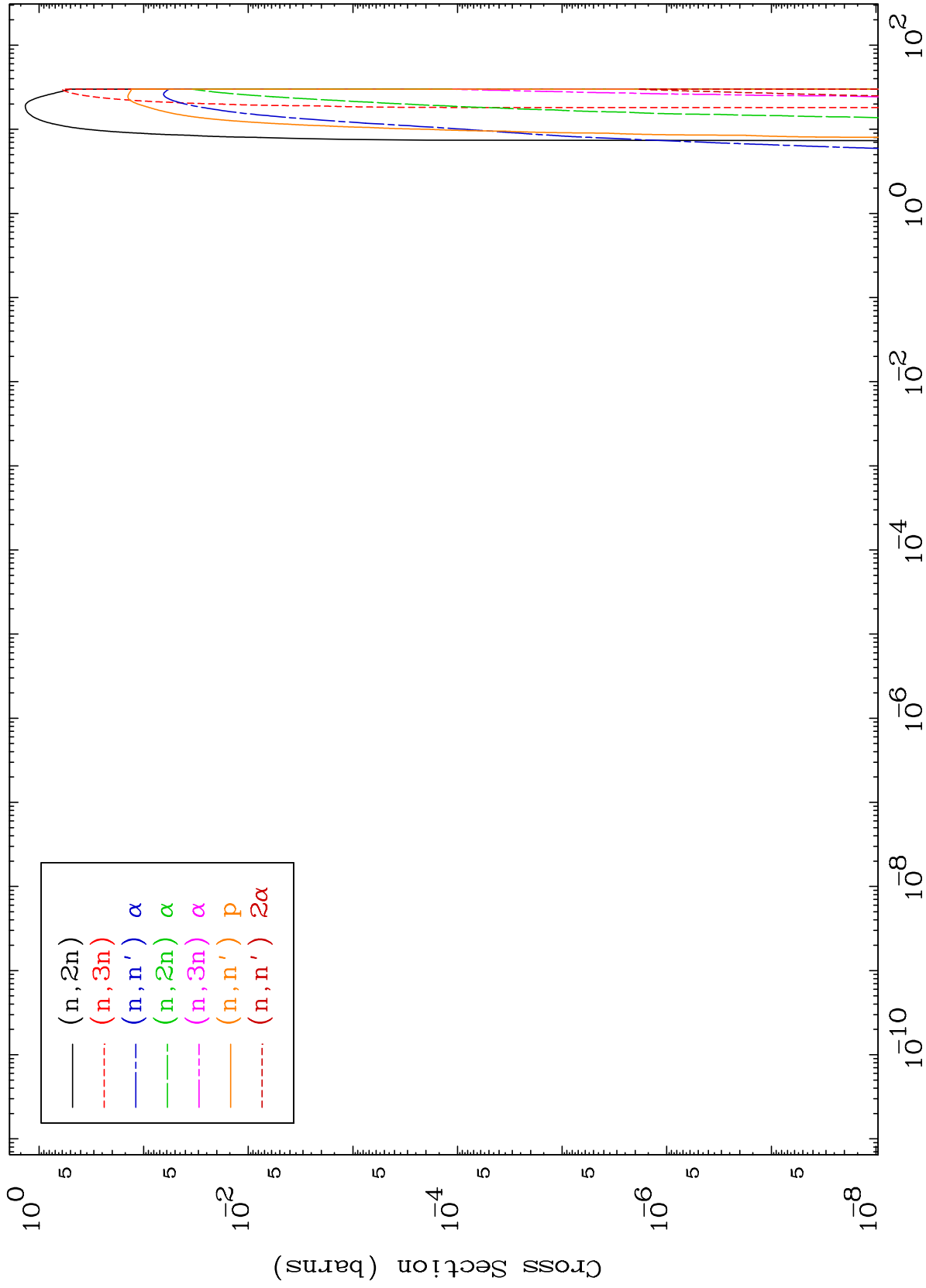
52-Te-119



MAT 5223

Neutron Production  
293 Kelvin Cross Sections

52-Te-119



2

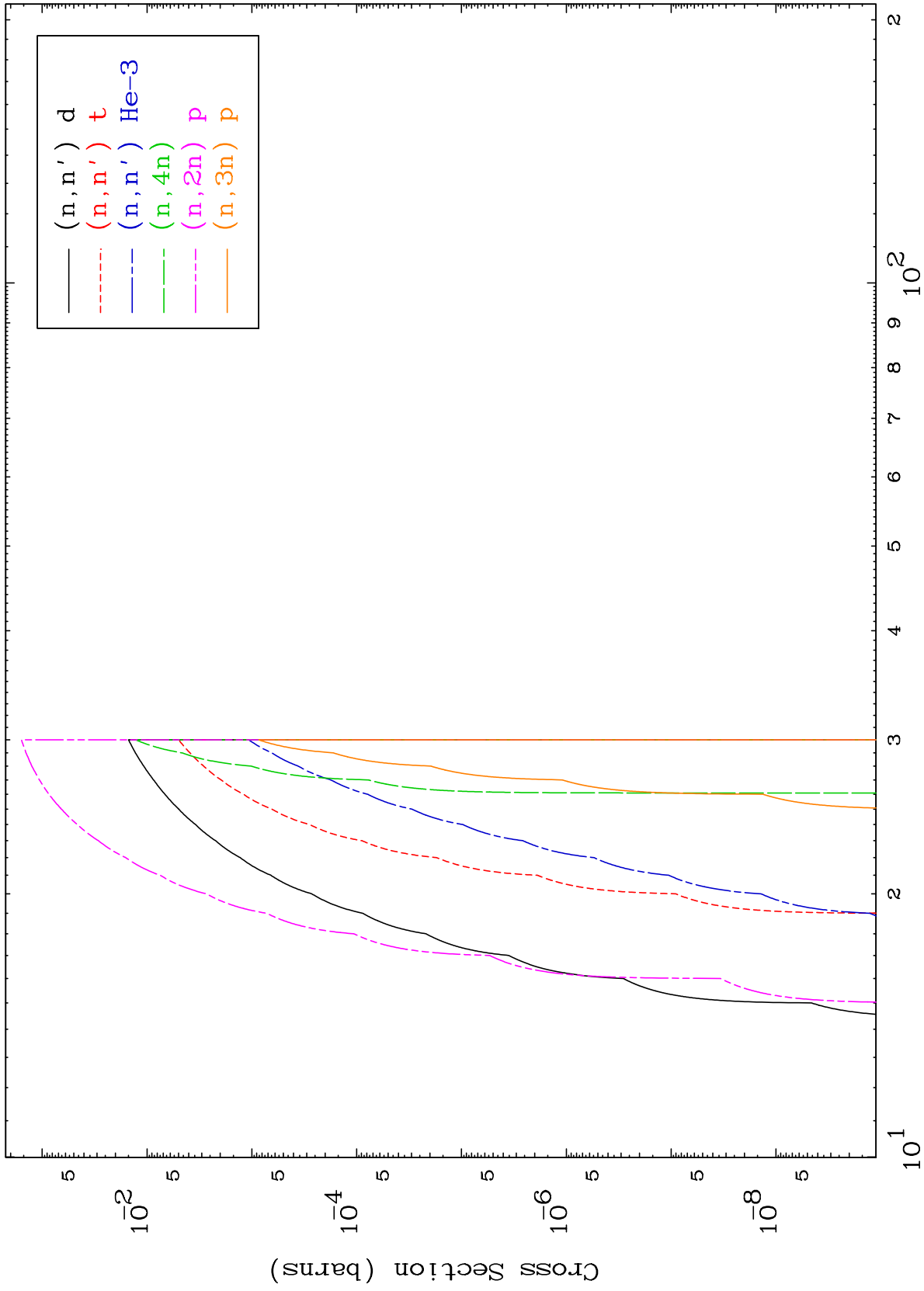
Incident Energy (MeV)

52-Te-119

MAT 5223

Neutron Production  
293 Kelvin Cross Sections

52-Te-119



52-Te-119

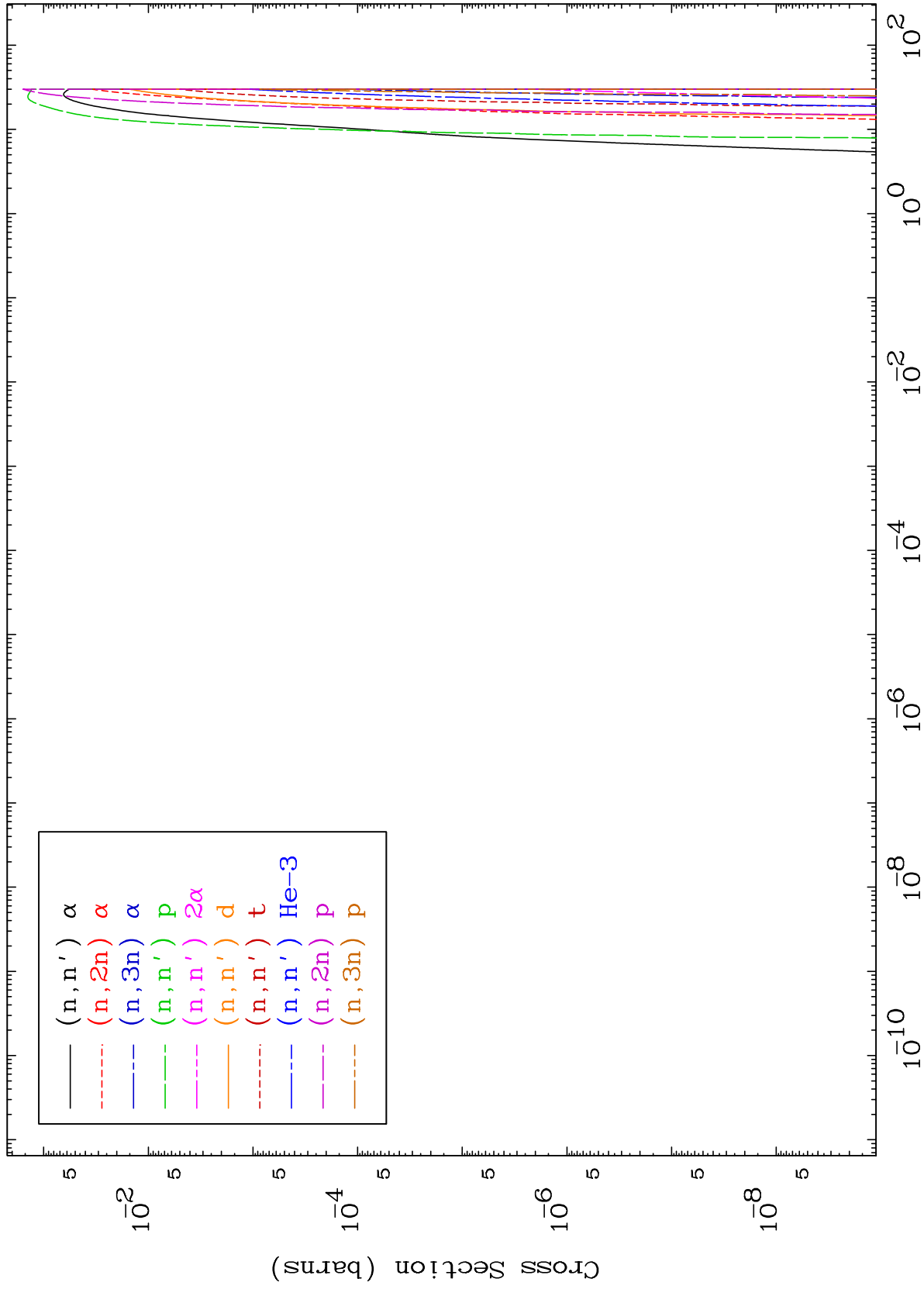
Incident Energy (MeV)

3

MAT 5223

293 Kelvin Cross Sections  
Charged Particle

52-Te-119

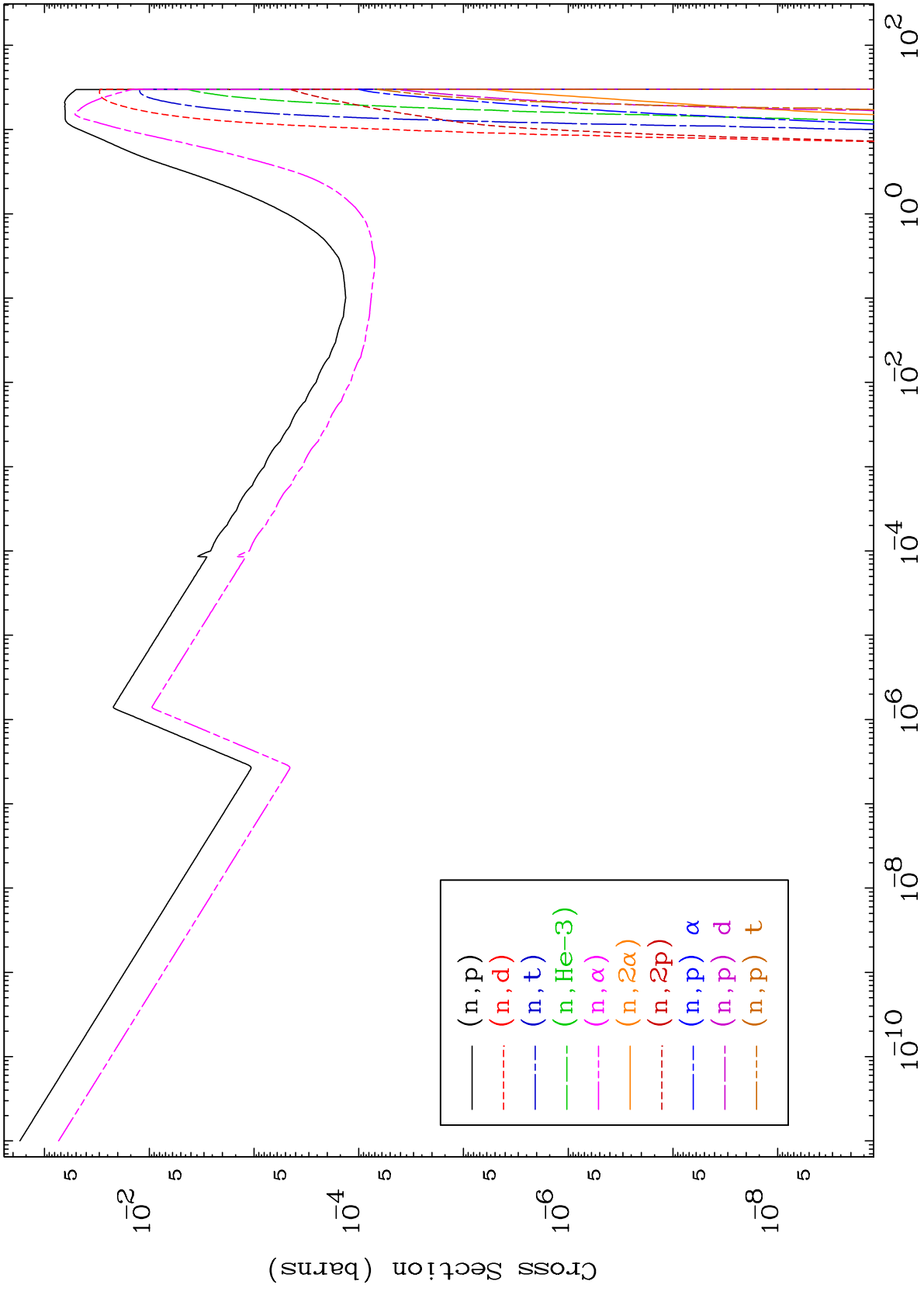


52-Te-119

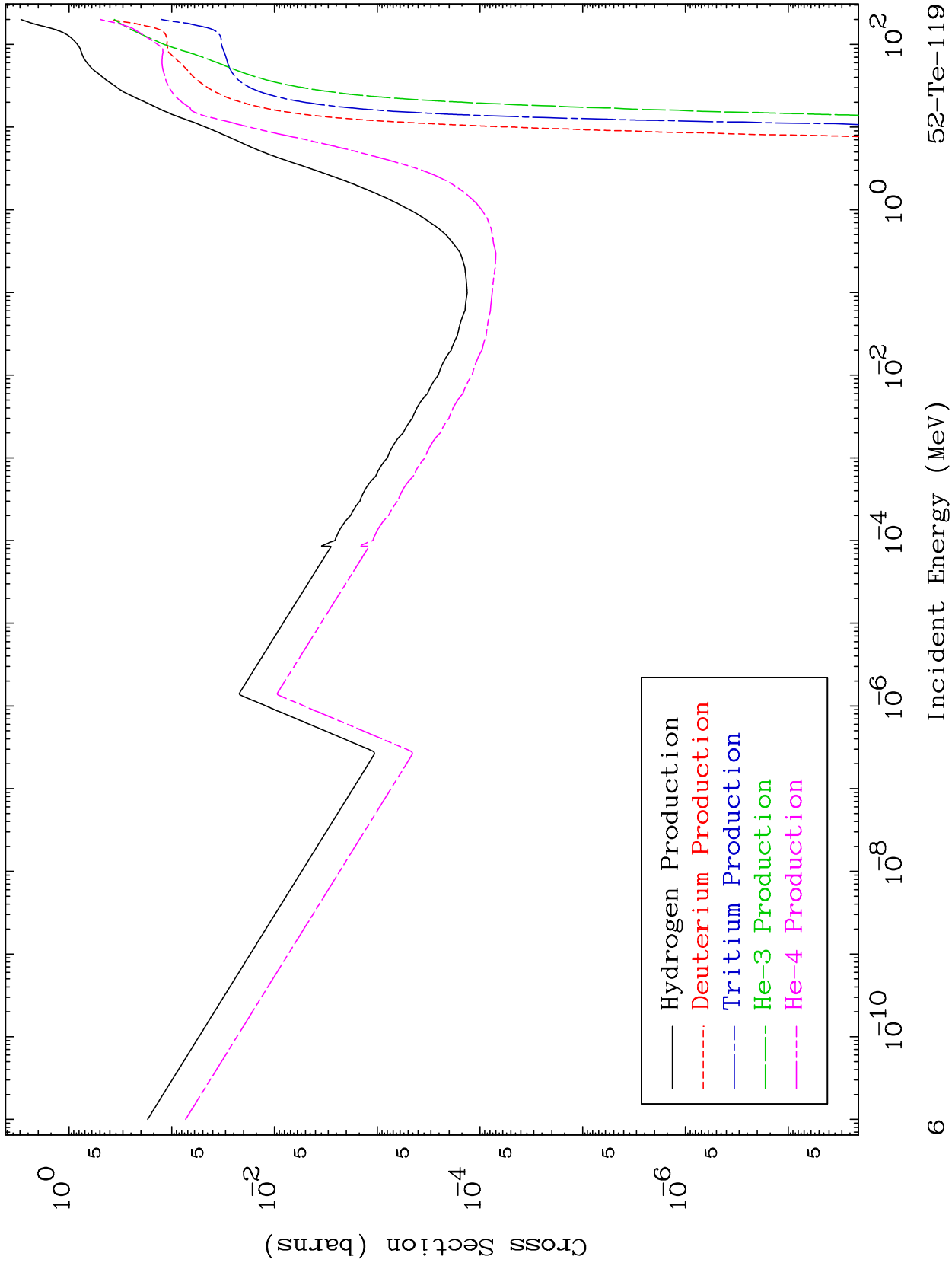
MAT 5223

293 Kelvin Charged Particle Cross Sections

52-Te-119



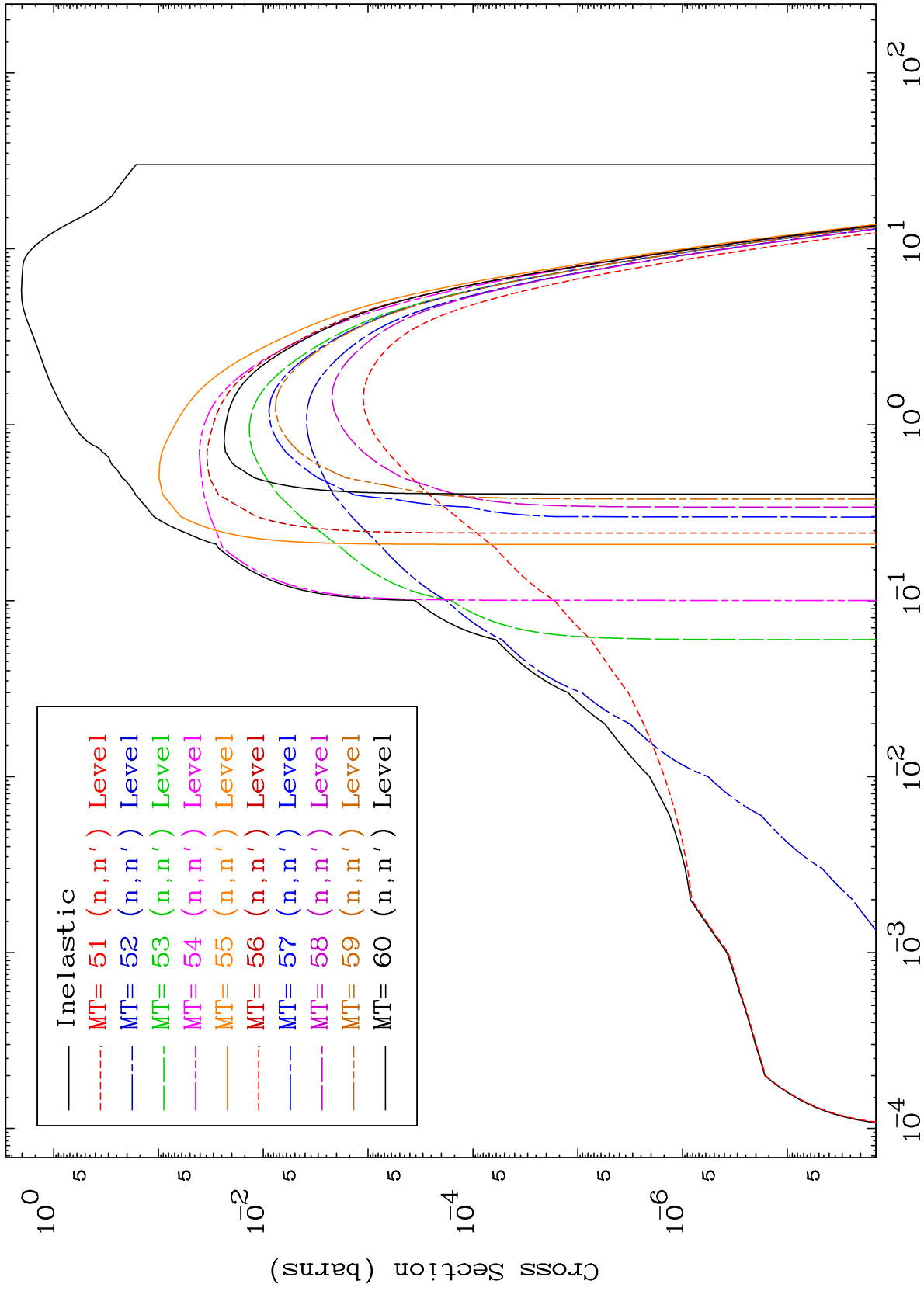
52-Te-119



MAT 5223

293 Kelvin Cross Sections

52-Te-119



7

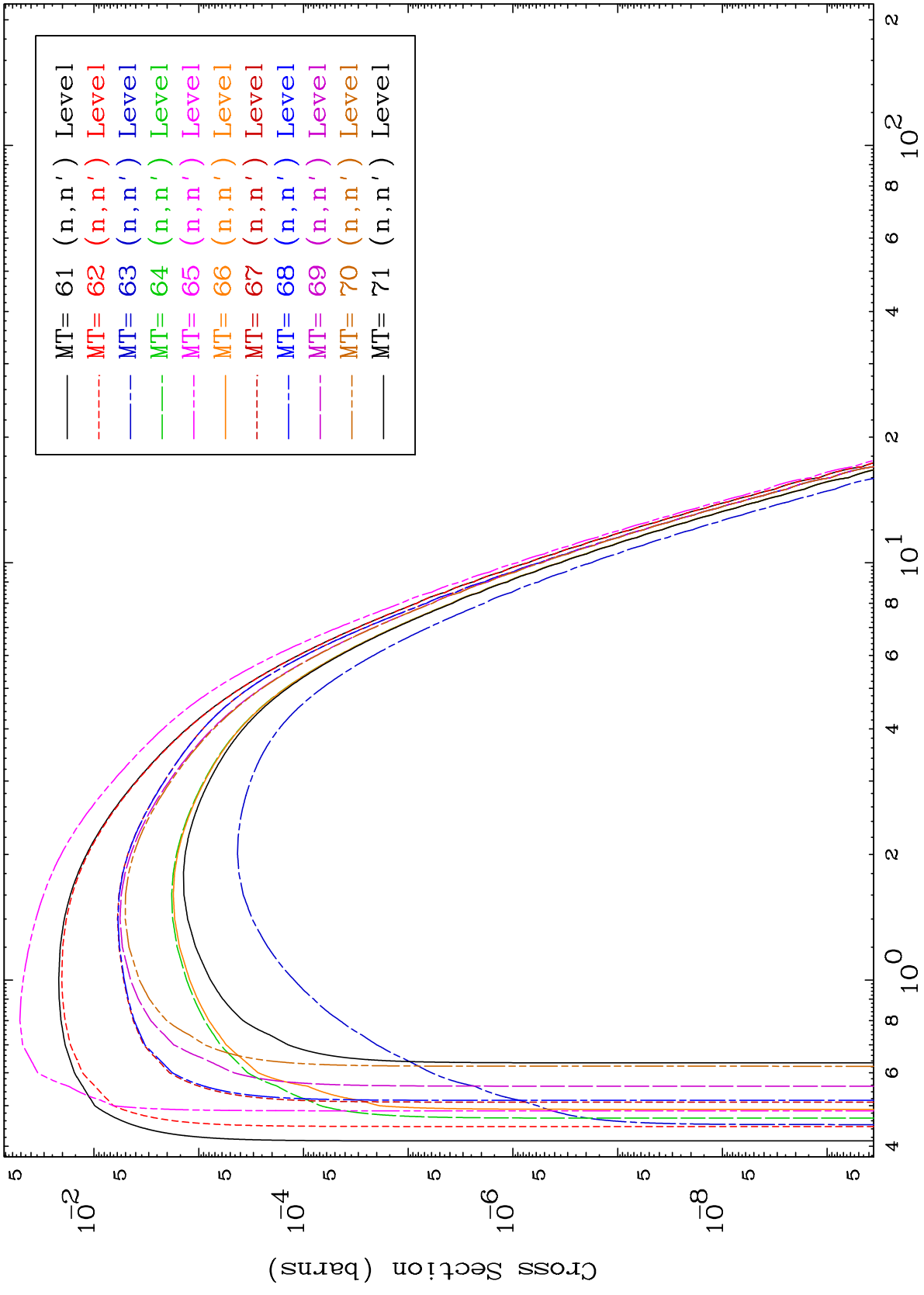
52-Te-119

MAT 5223

(n,n') Level

52-Te-119

293 Kelvin Cross Sections



8

Incident Energy (MeV)

52-Te-119

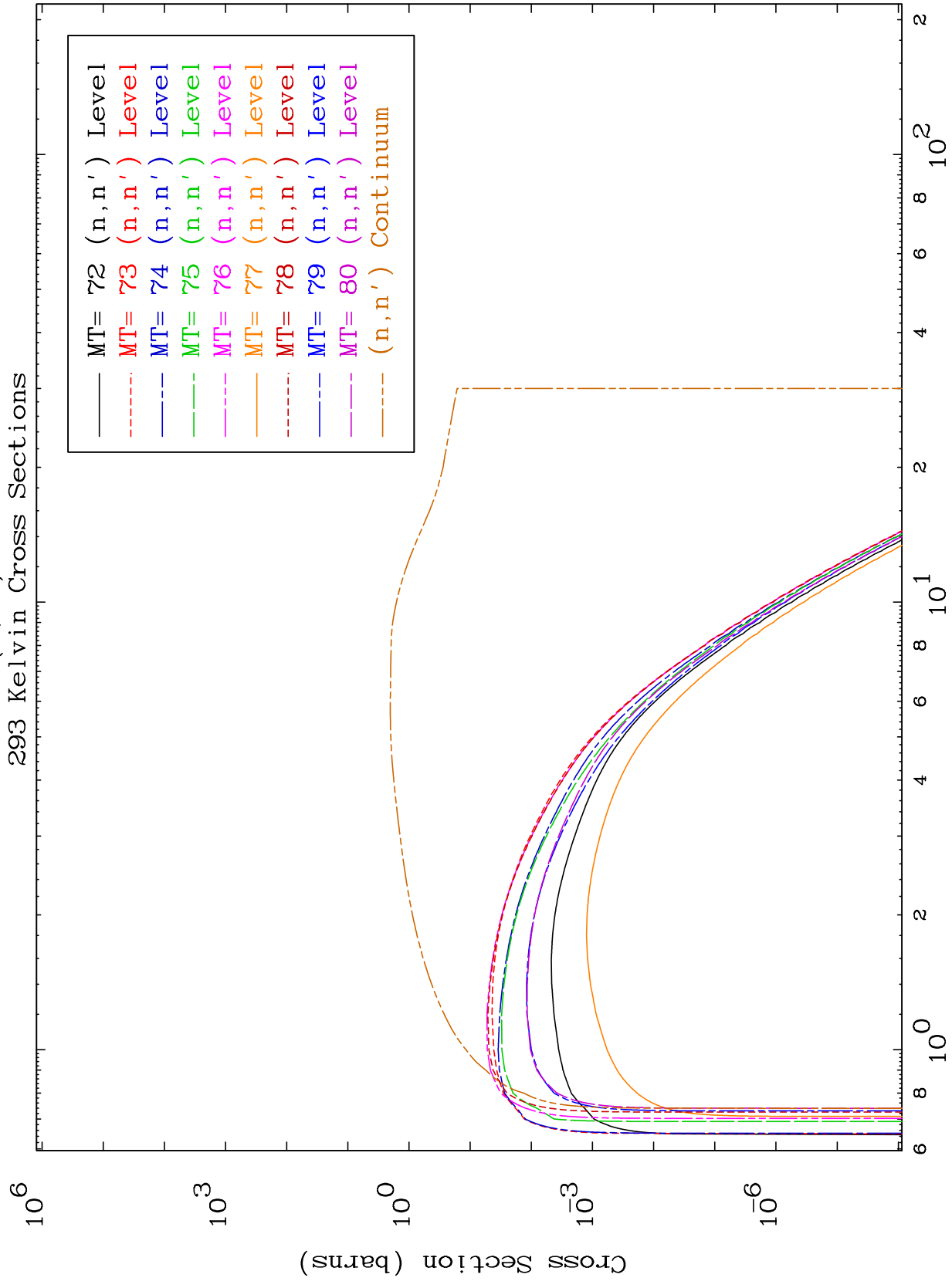
MAT 5223

(n,n') Level

52-Te-119

293 Kelvin Cross Sections

52-Te-119



9

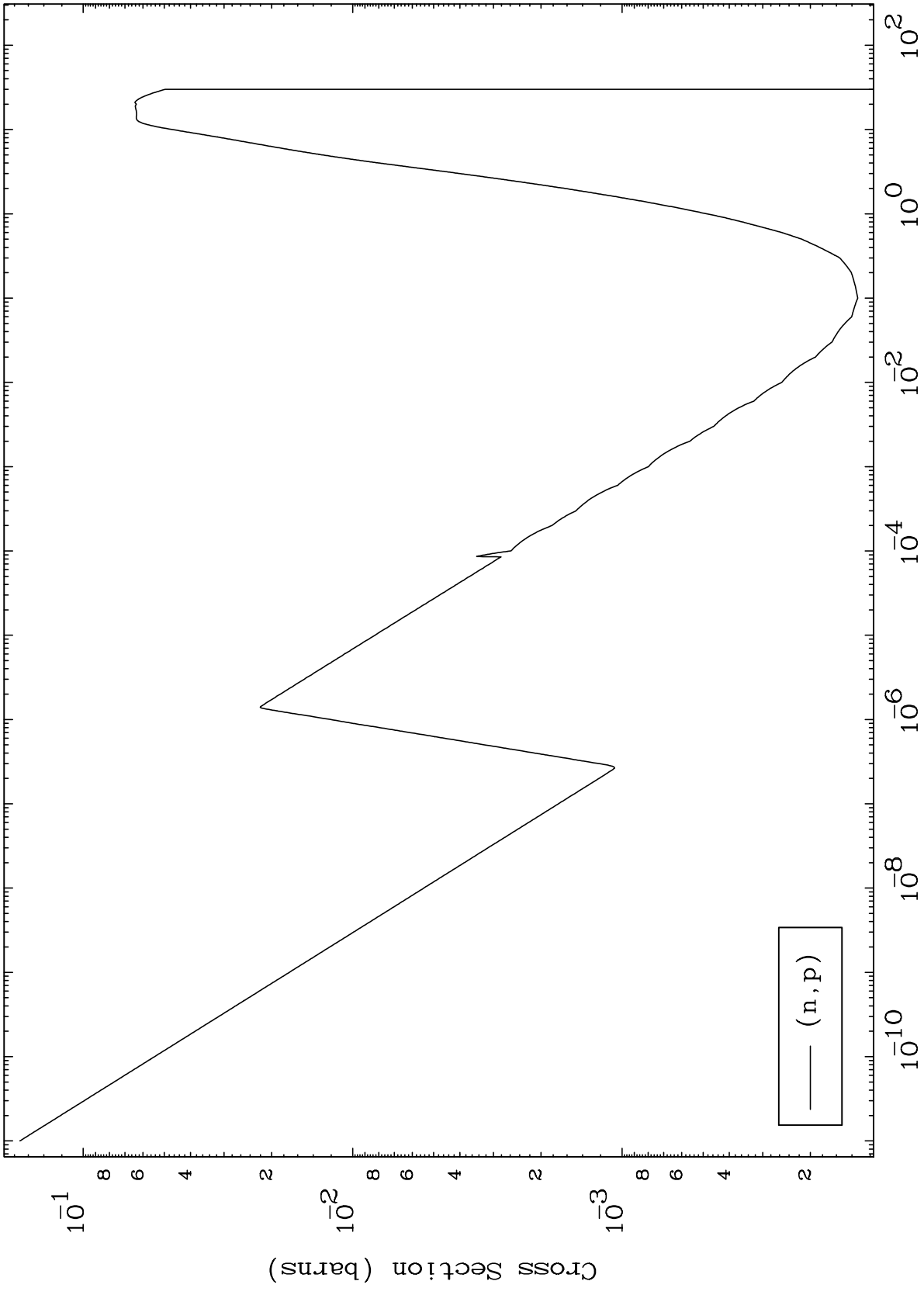
Incident Energy (MeV)

52-Te-119

MAT 5223

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-119



— (n, p)

10

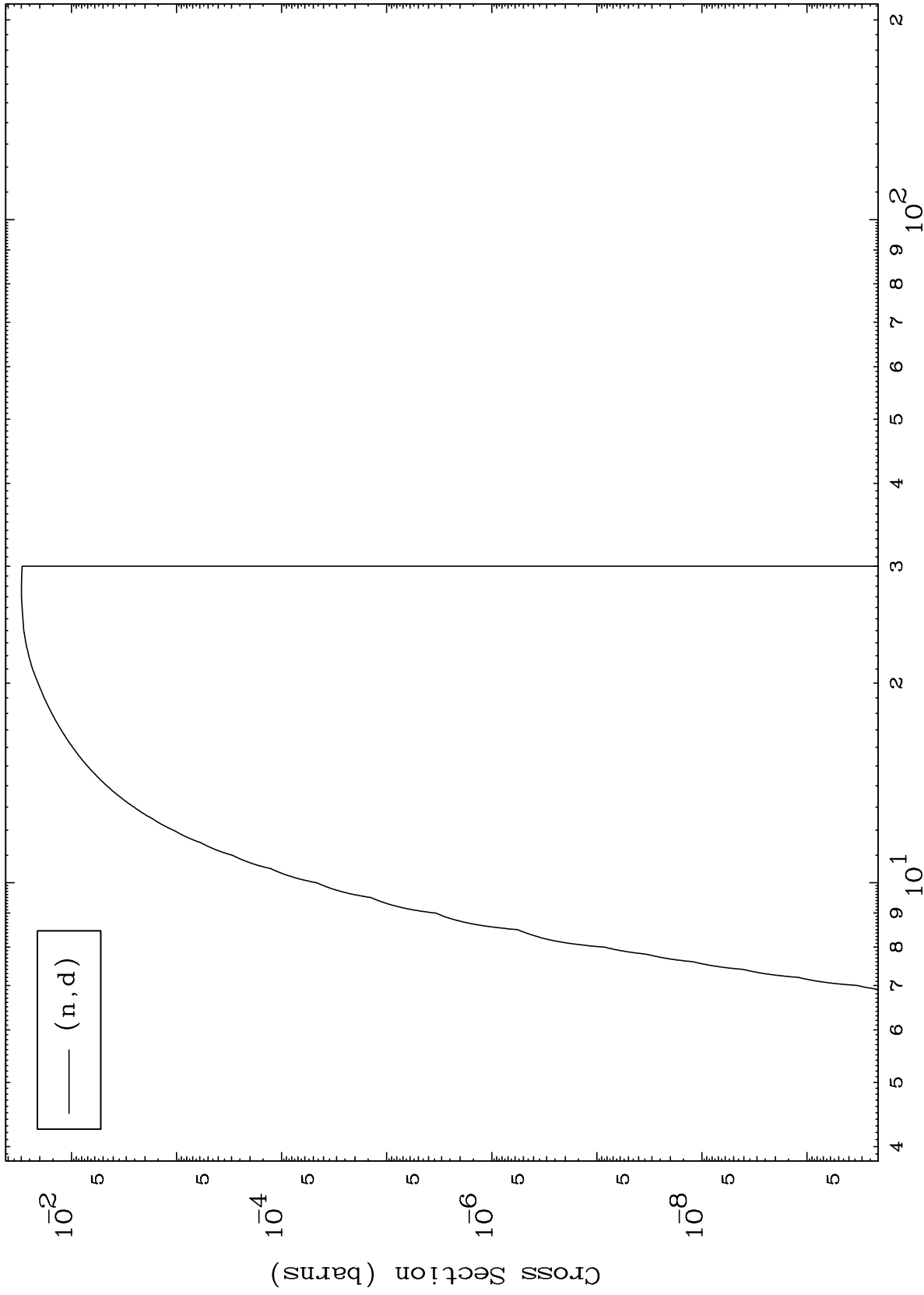
Incident Energy (MeV)

52-Te-119

MAT 5223

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-119



11

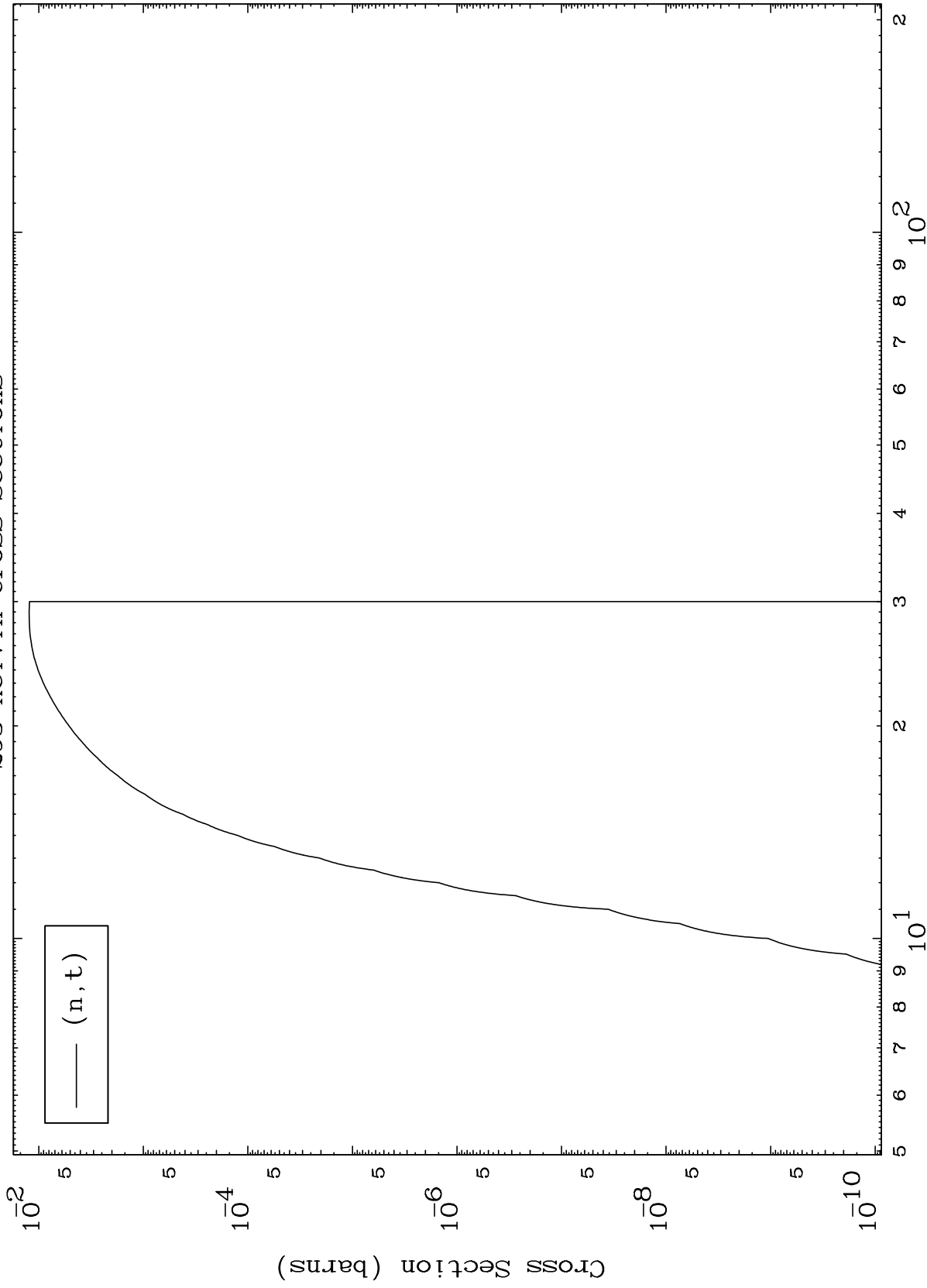
Incident Energy (MeV)

52-Te-119

MAT 5223

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-119



12

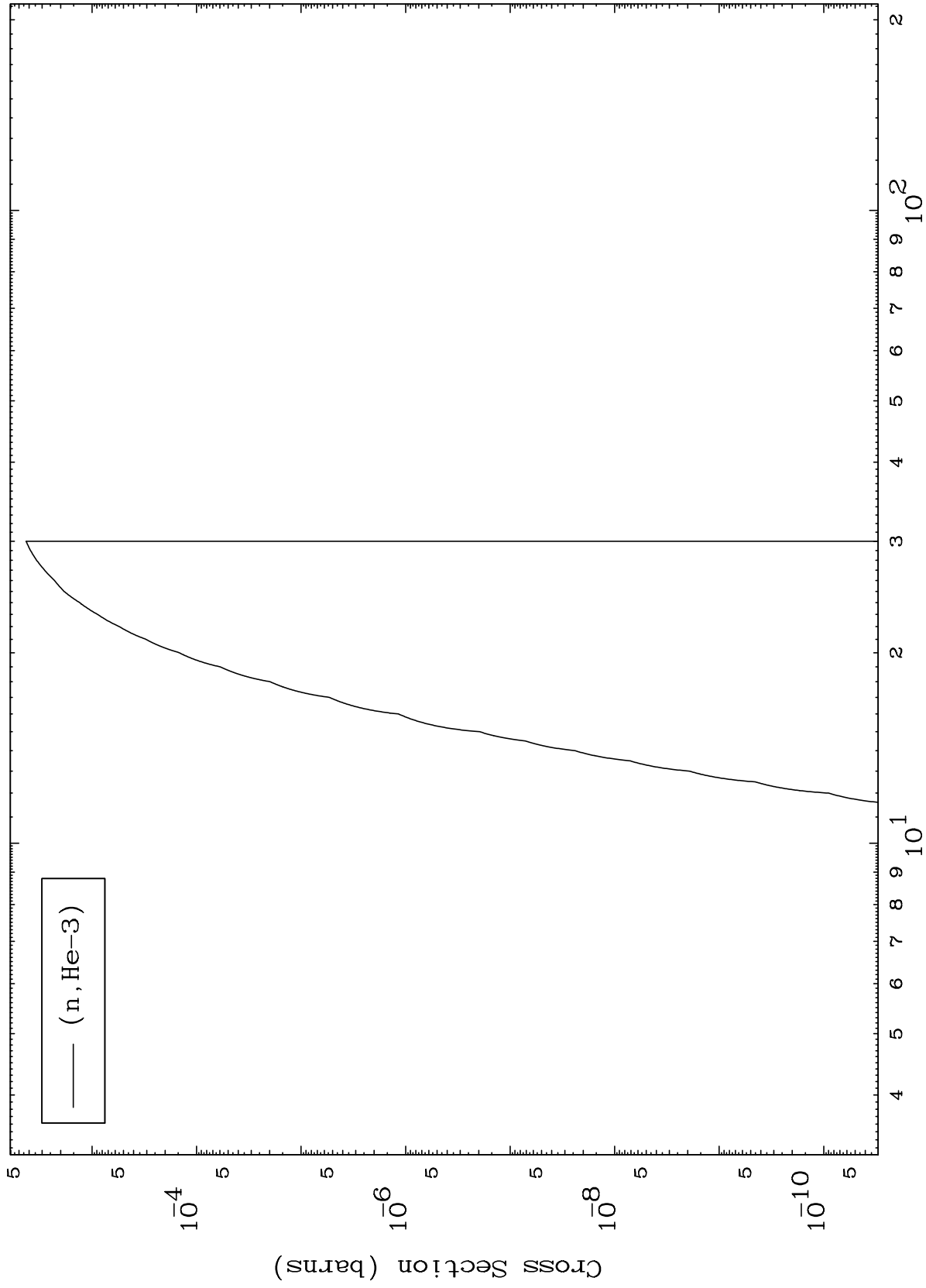
Incident Energy (MeV)

52-Te-119

MAT 5223

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-119



13

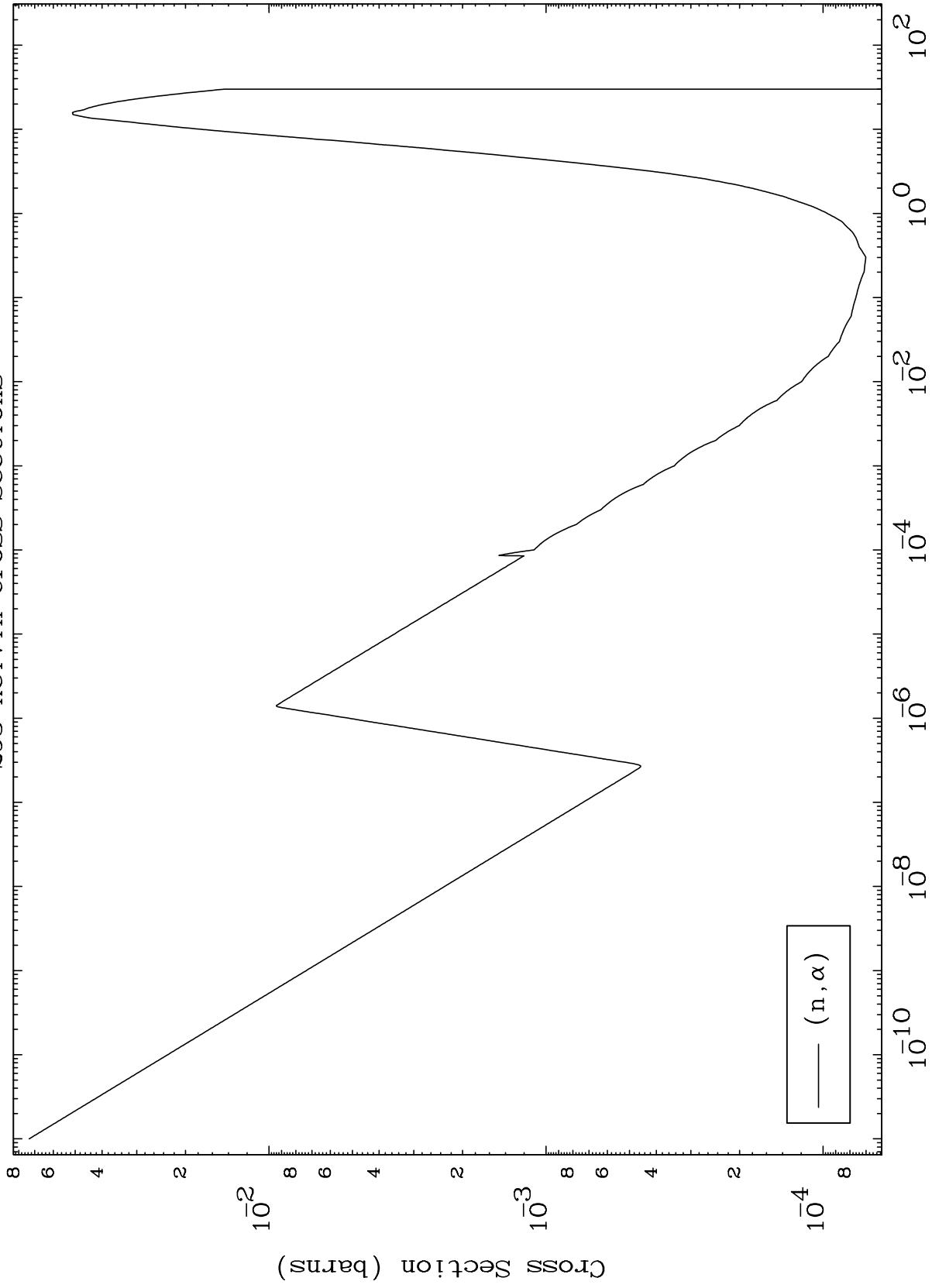
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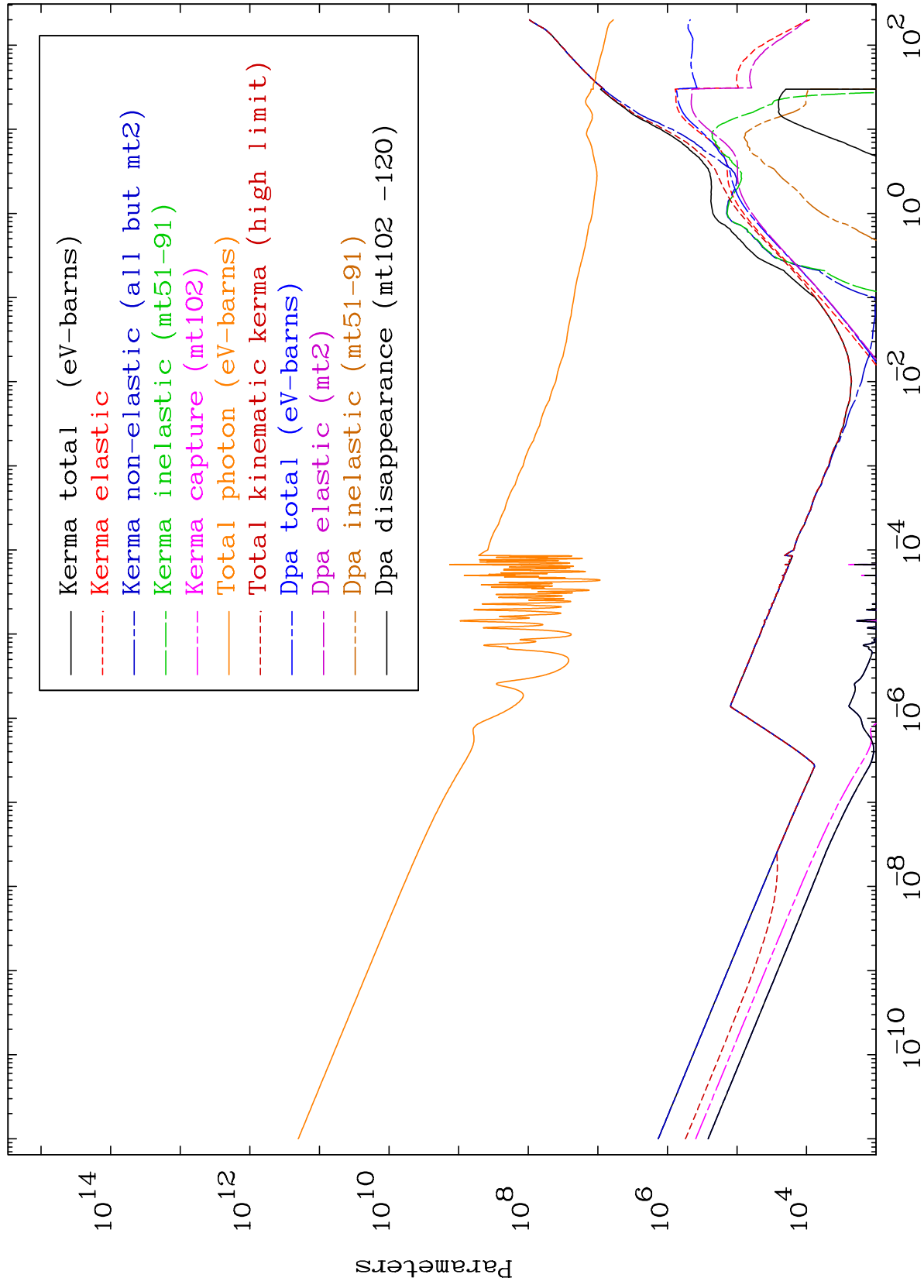
52-Te-119

MAT 5223

(n,α) Levels  
293 Kelvin Cross Sections

52-Te-119





MAT 5223

Elastic Legendre Coefficients

52-Te-119



52-Te-119

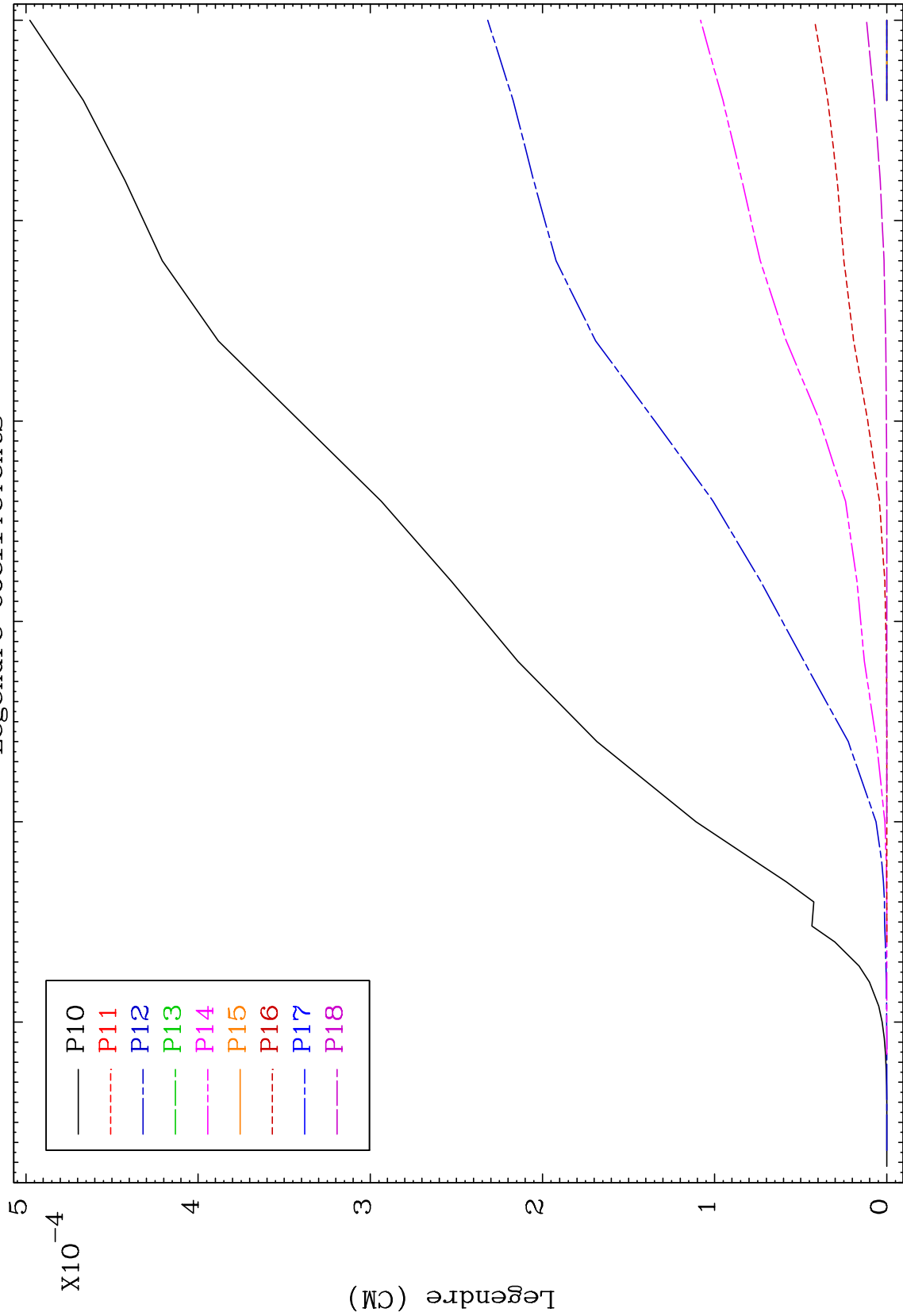
Incident Energy (MeV)

16

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Elastic Legendre Coefficients

52-Te-119



17

Incident Energy (MeV)

52-Te-119

MAT 5223

### Elastic Legendre Coefficients

52-Te-119



18

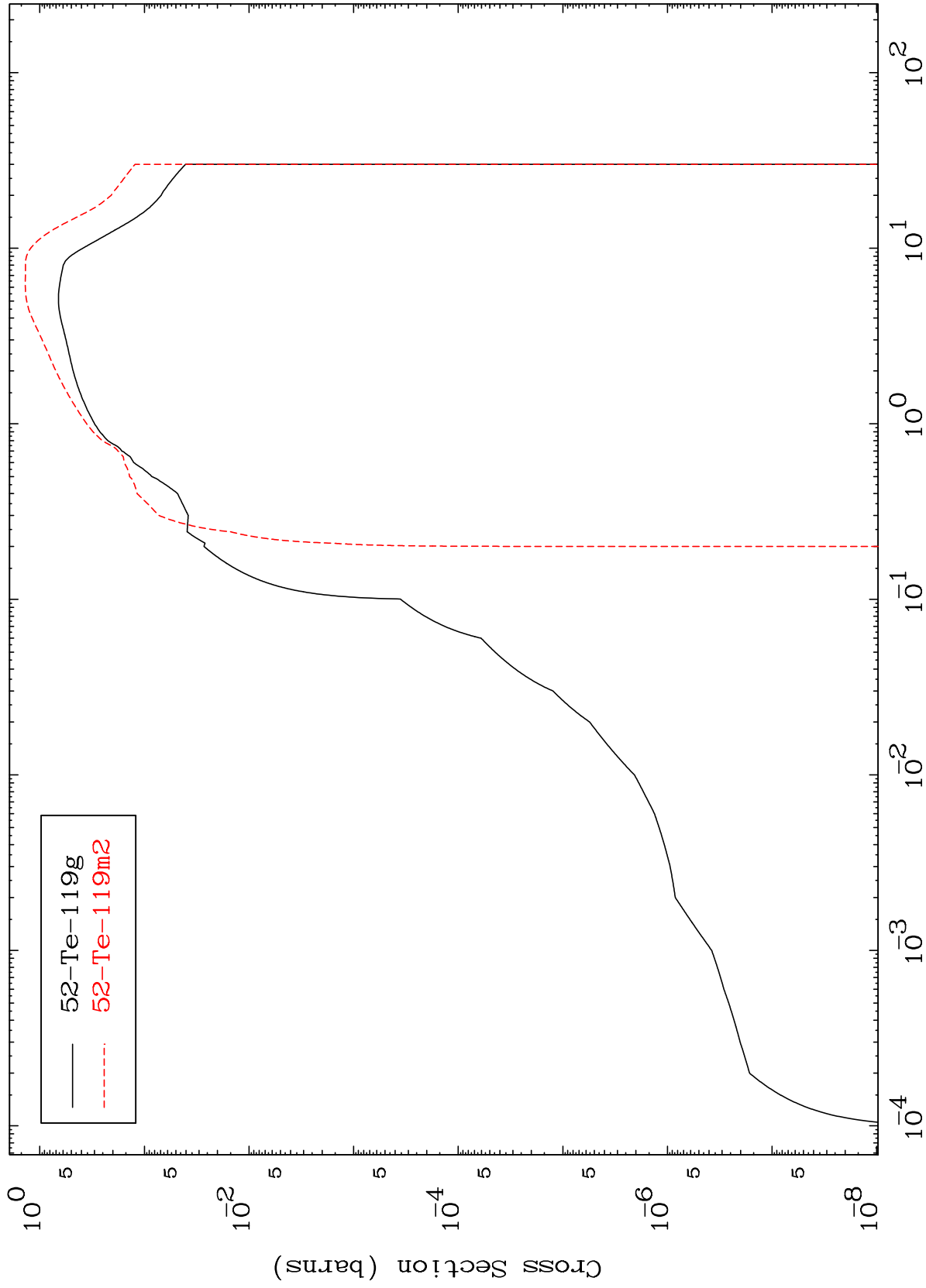
Incident Energy (MeV)

52-Te-119

MAT 5223

52-Te-119

Inelastic  
Radionuclide Production Cross Section



52-Te-119

Incident Energy (MeV)

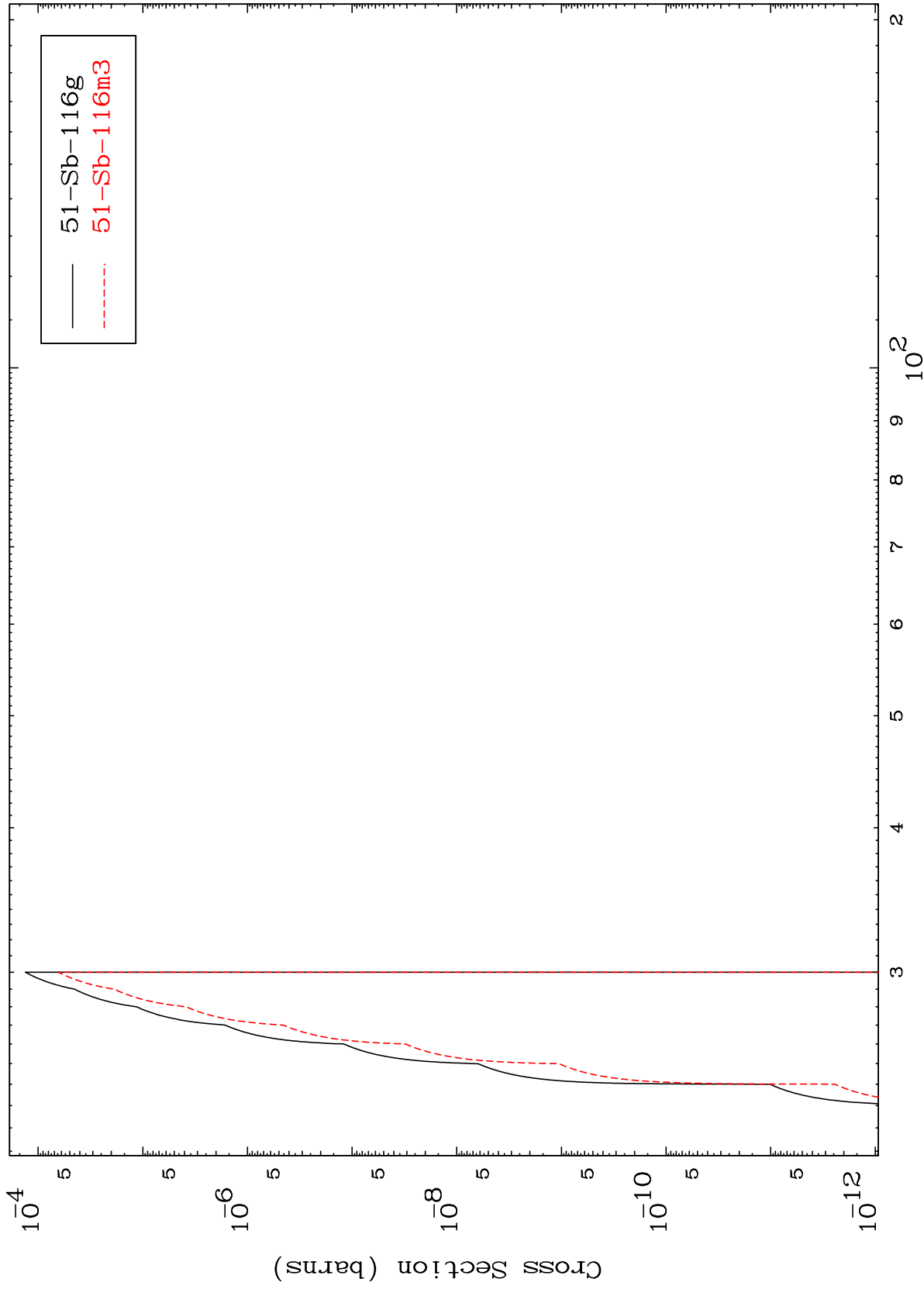
19

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(n,2n) d

52-Te-119

Radionuclide Production Cross Section



20

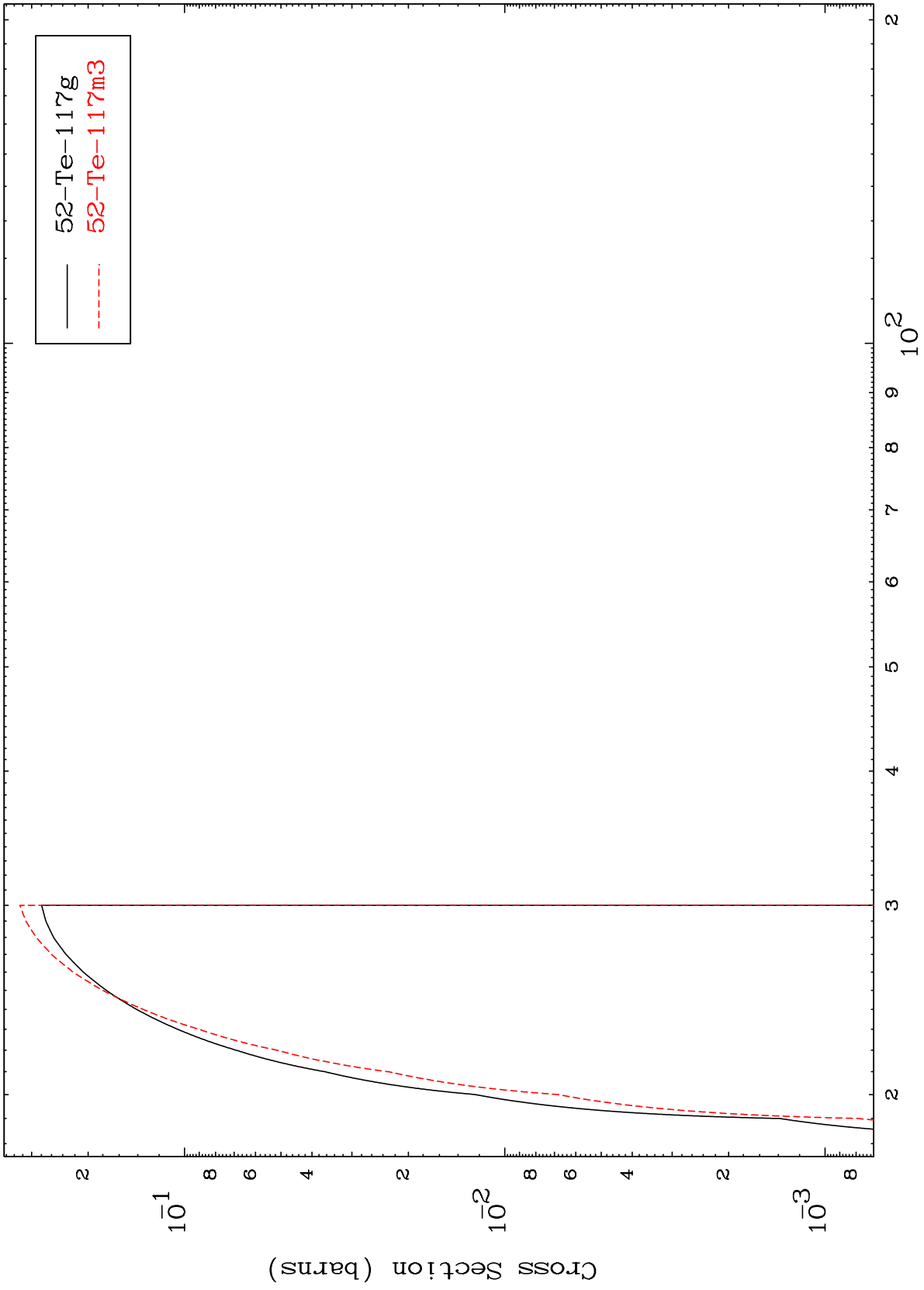
Incident Energy (MeV)

52-Te-119

MAT 5223

52-Te-119

(n,3n)  
Radionuclide Production Cross Section



21

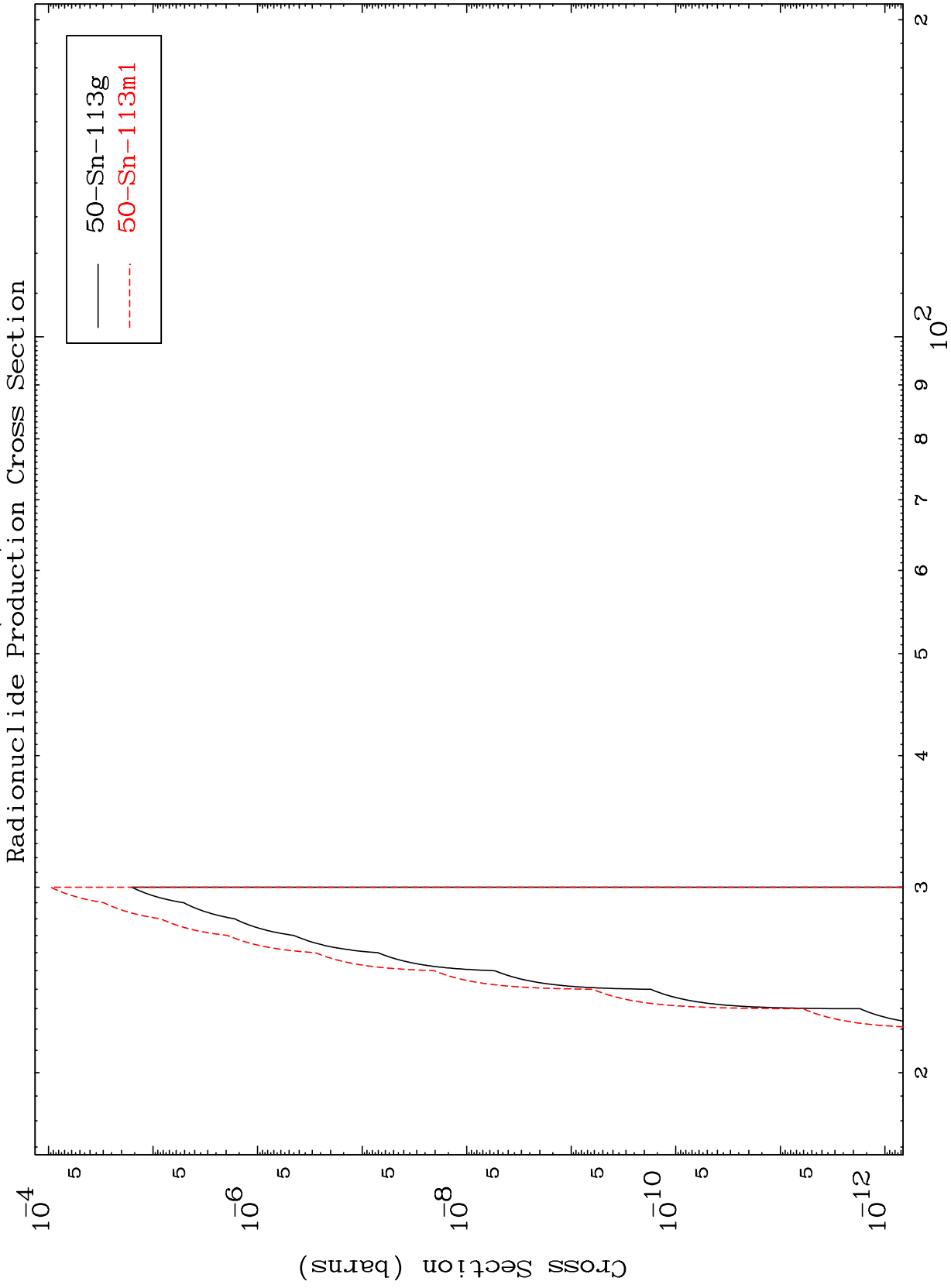
52-Te-119

Incident Energy (MeV)

MAT 5223

(n,3n)  $\alpha$

52-Te-119



22

Incident Energy (MeV)

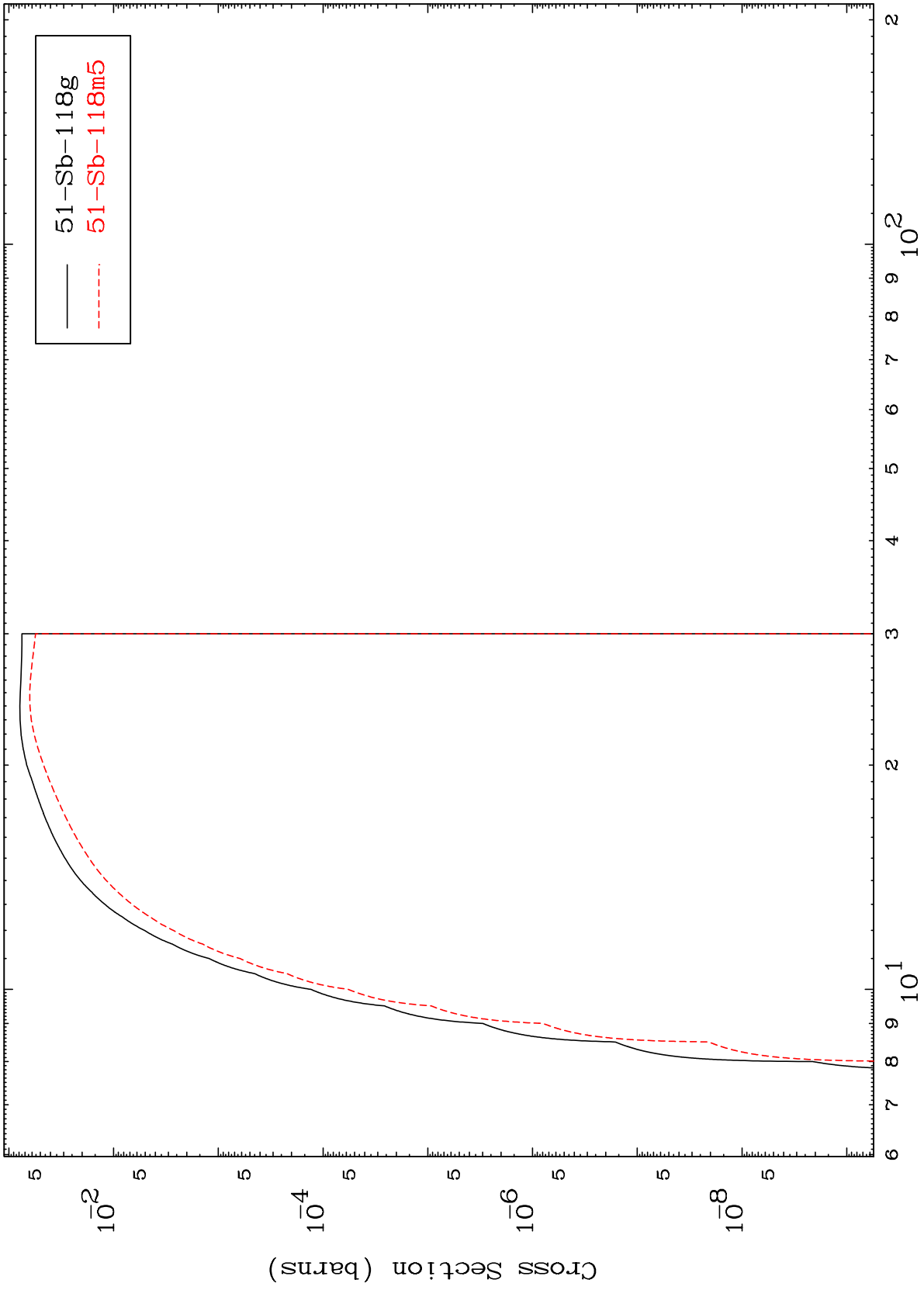
52-Te-119

MAT 5223

(n,n') p

52-Te-119

Radionuclide Production Cross Section



23

Incident Energy (MeV)

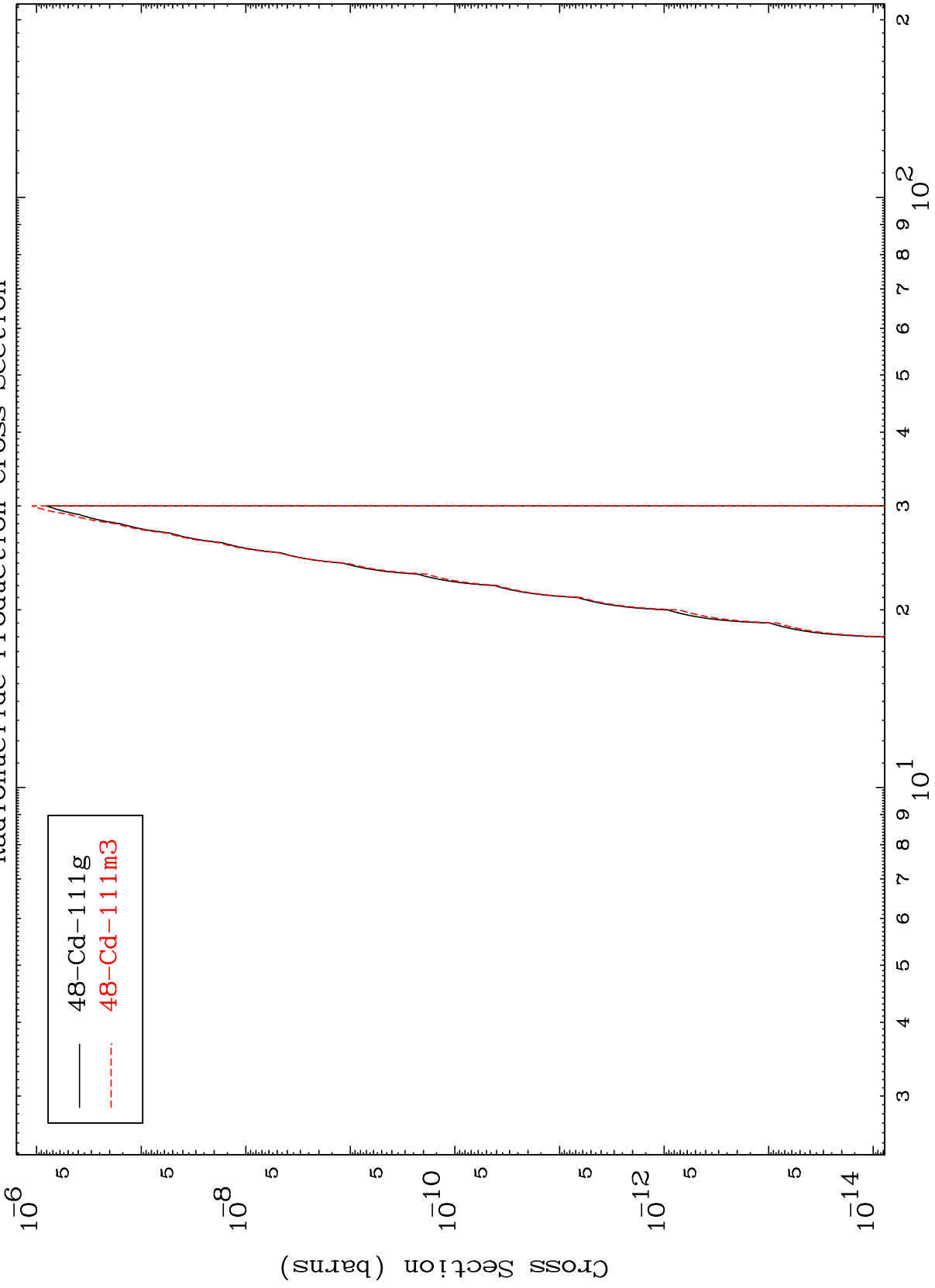
52-Te-119

MAT 5223

(n,n') 2α

52-Te-119

Radionuclide Production Cross Section



24

Incident Energy (MeV)

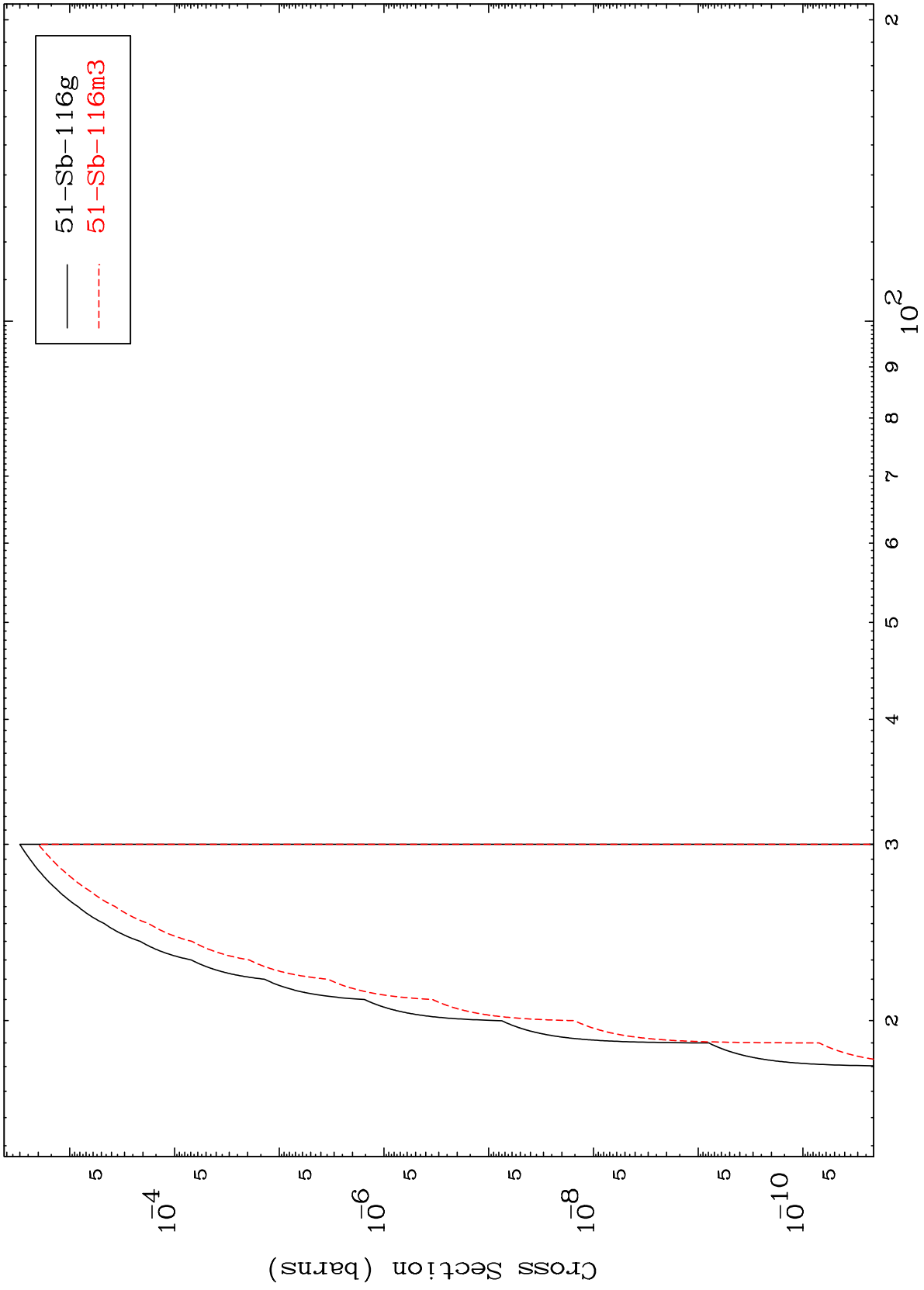
52-Te-119

MAT 5223

(n,n') t

52-Te-119

Radionuclide Production Cross Section



25

Incident Energy (MeV)

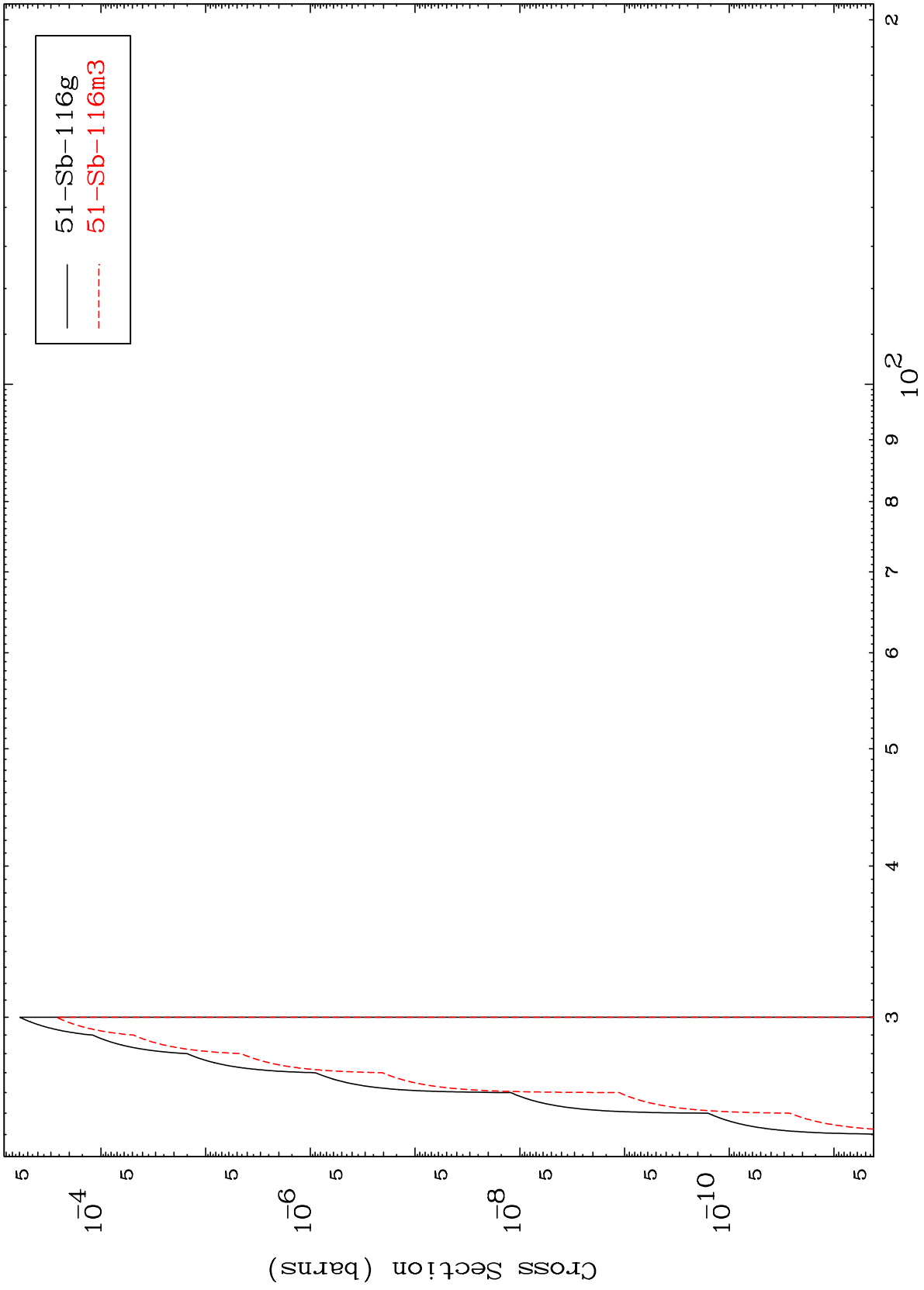
52-Te-119

MAT 5223

(n,3n) p

52-Te-119

Radionuclide Production Cross Section



26

Incident Energy (MeV)

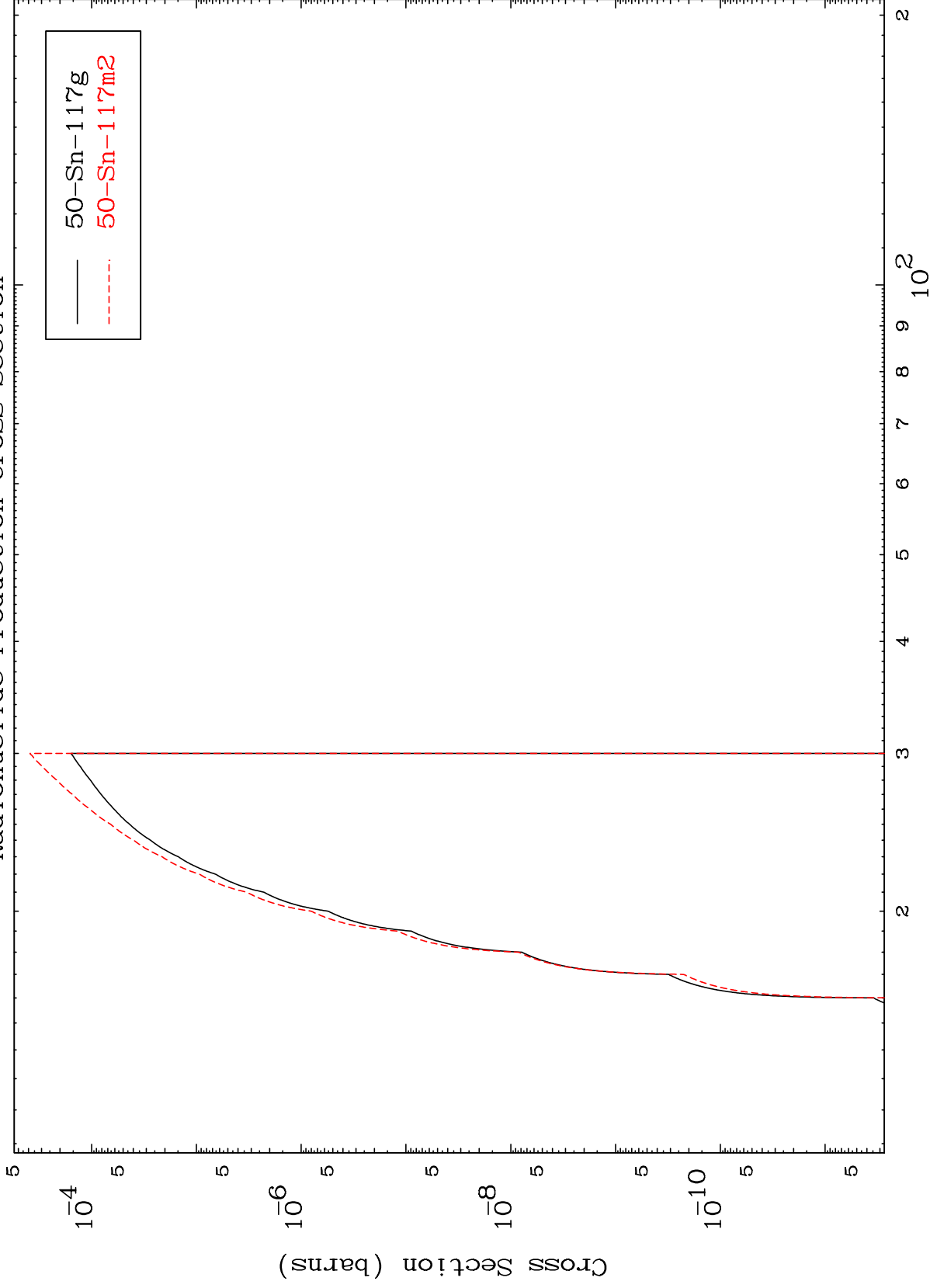
52-Te-119

MAT 5223

(n,2n) p

52-Te-119

Radionuclide Production Cross Section



27

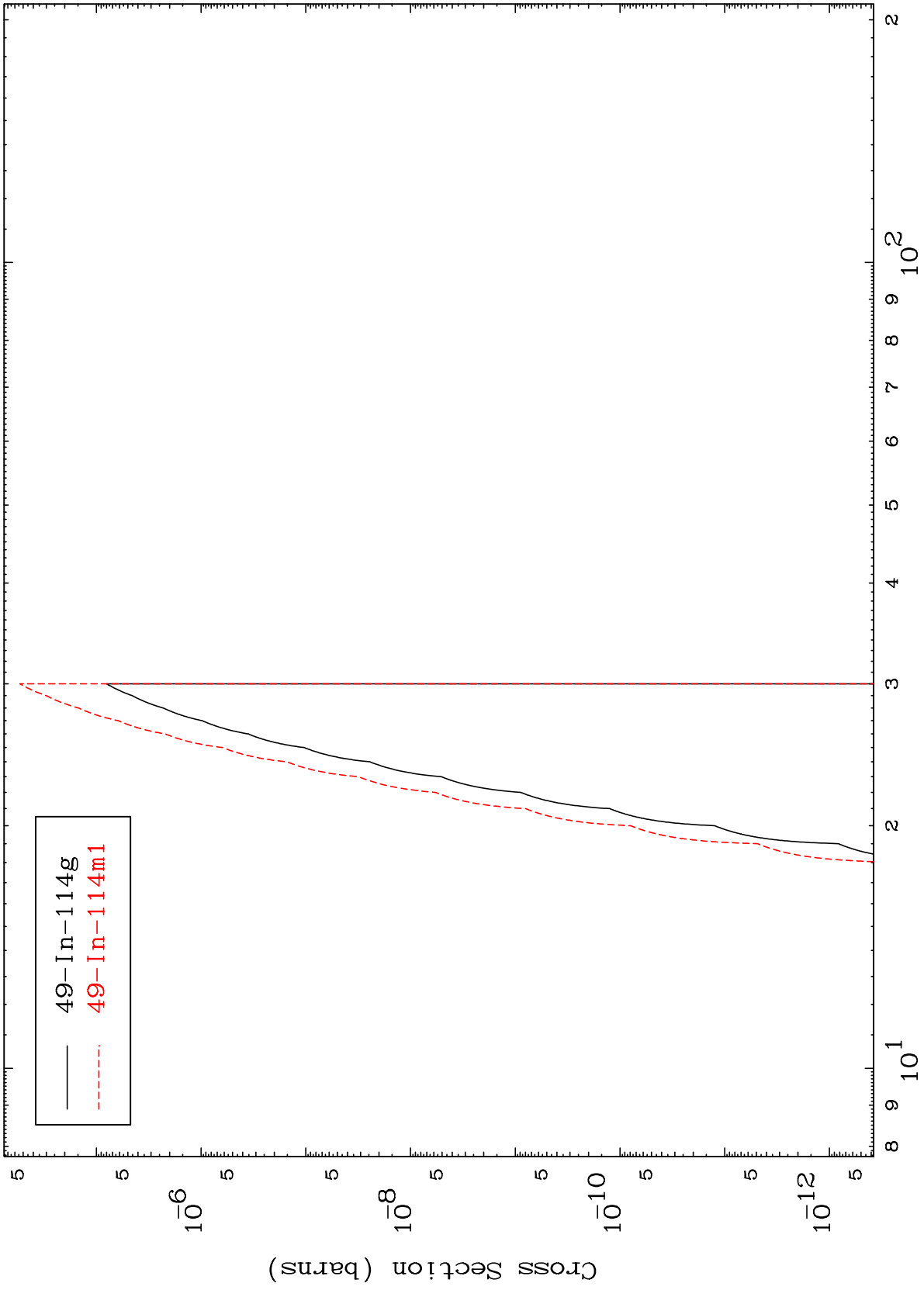
Incident Energy (MeV)

52-Te-119

MAT 5223

52-Te-119

(n,n') p  $\alpha$   
Radionuclide Production Cross Section



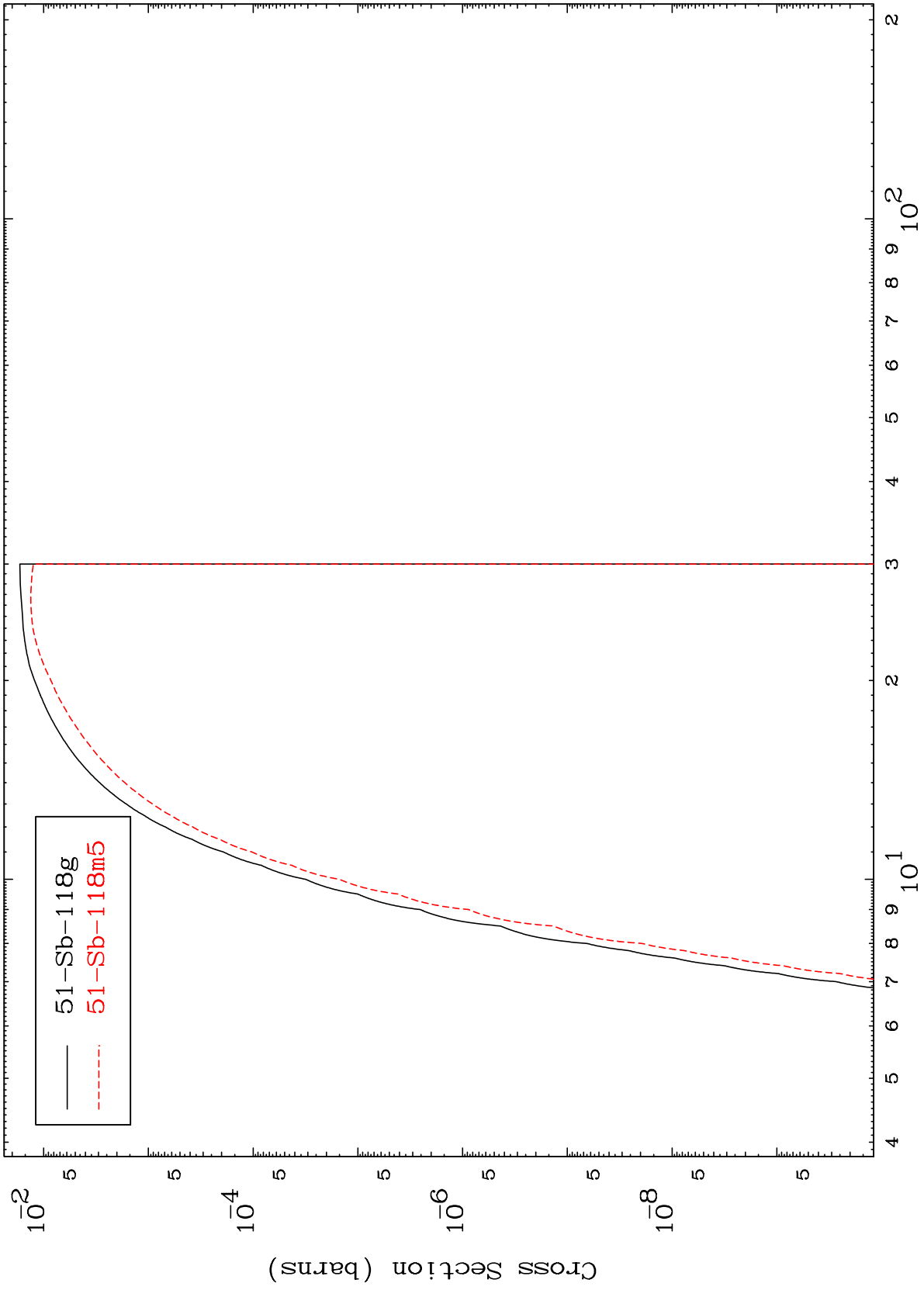
28

52-Te-119

MAT 5223

52-Te-119

(n,d)  
Radionuclide Production Cross Section



29

Incident Energy (MeV)

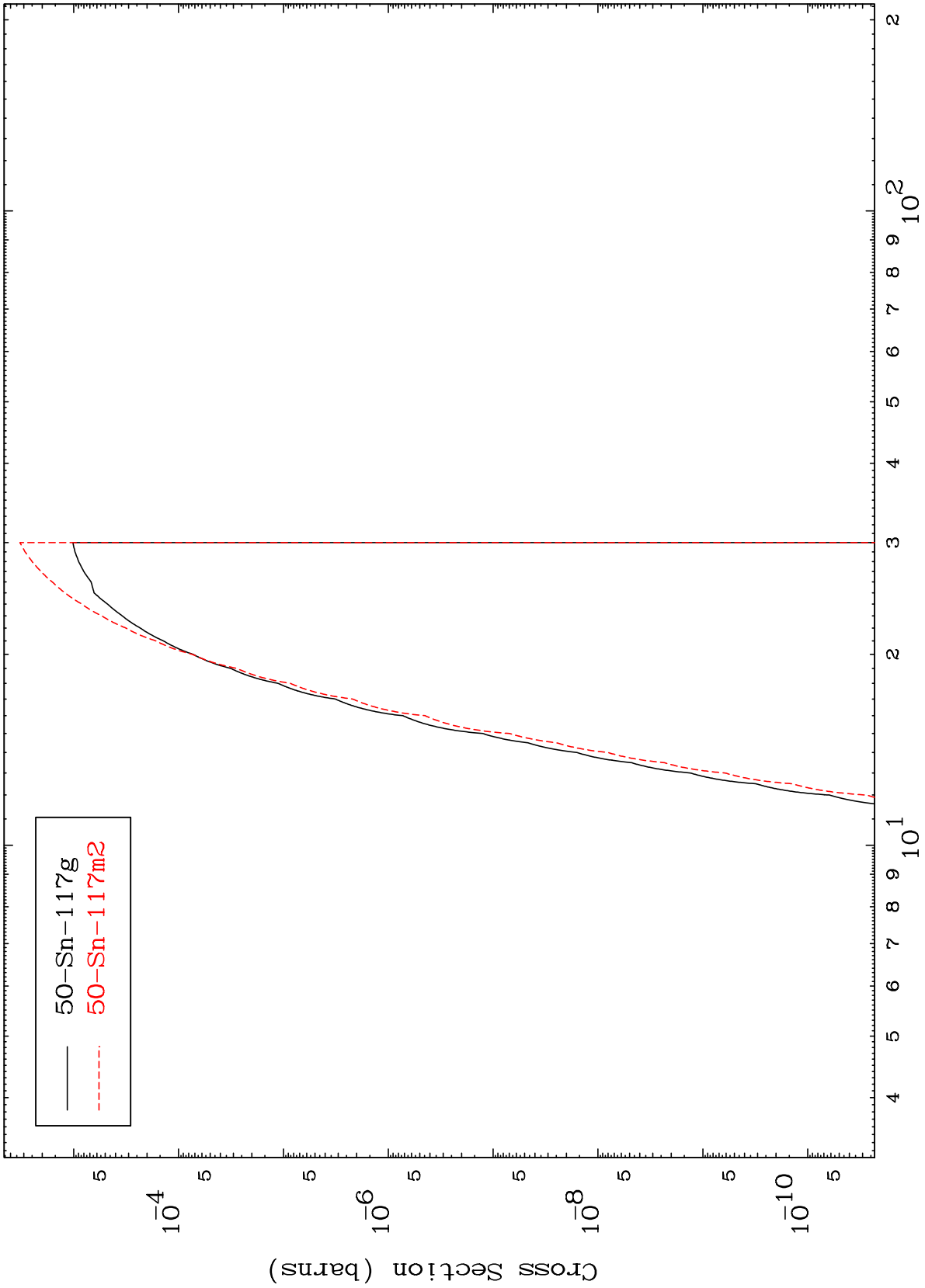
52-Te-119

MAT 5223

(n,He-3)

52-Te-119

Radionuclide Production Cross Section



30

Incident Energy (MeV)

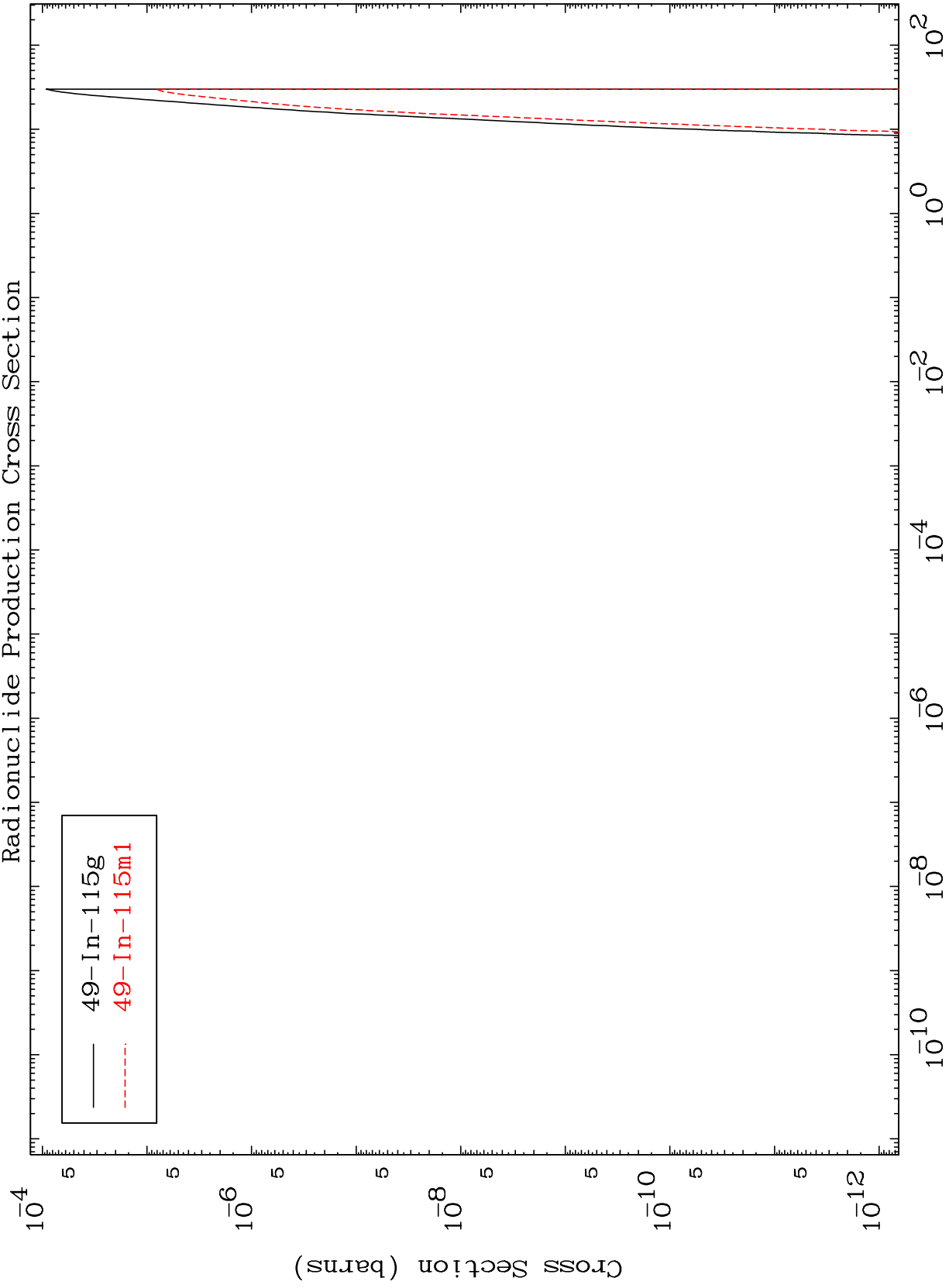
52-Te-119

MAT 5223

(n,p)  $\alpha$

52-Te-119

Radionuclide Production Cross Section

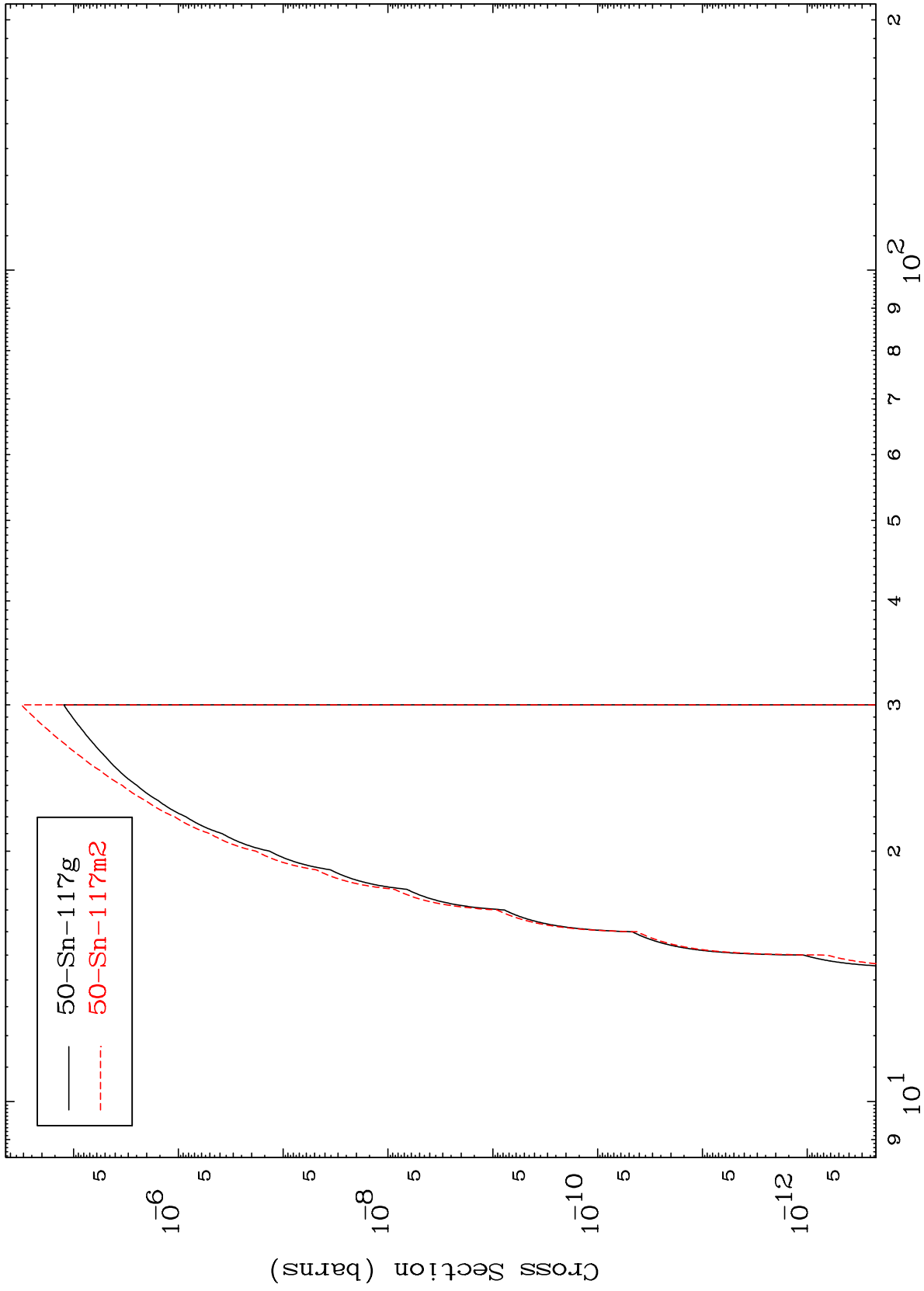


MAT 5223

(n,p) d

52-Te-119

Radionuclide Production Cross Section



32

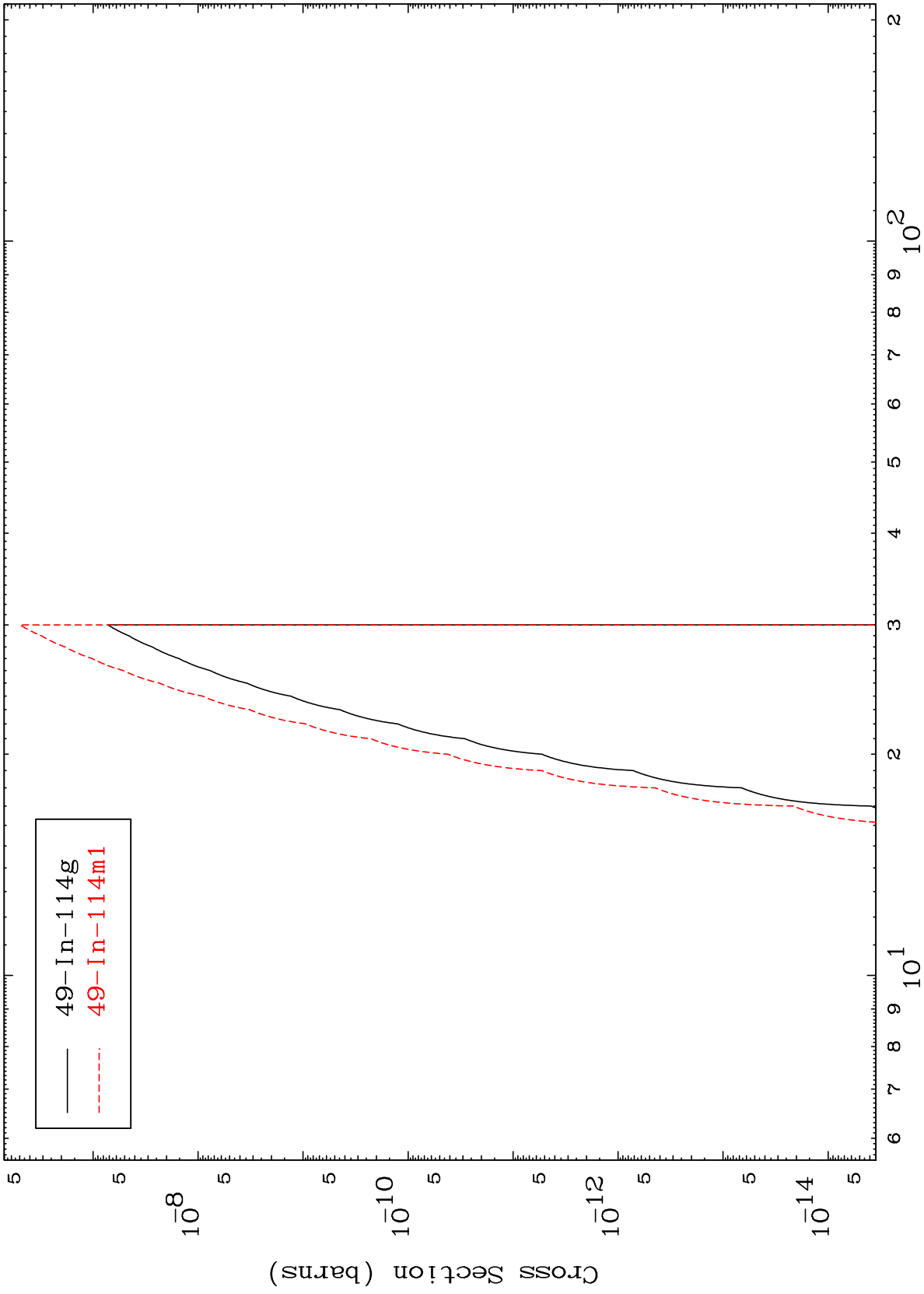
Incident Energy (MeV)

52-Te-119

MAT 5223

52-Te-119

(n,d)  $\alpha$   
Radionuclide Production Cross Section



33

52-Te-119

Incident Energy (MeV)