

Program EVALPLOT  
(Version 2021-1)

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

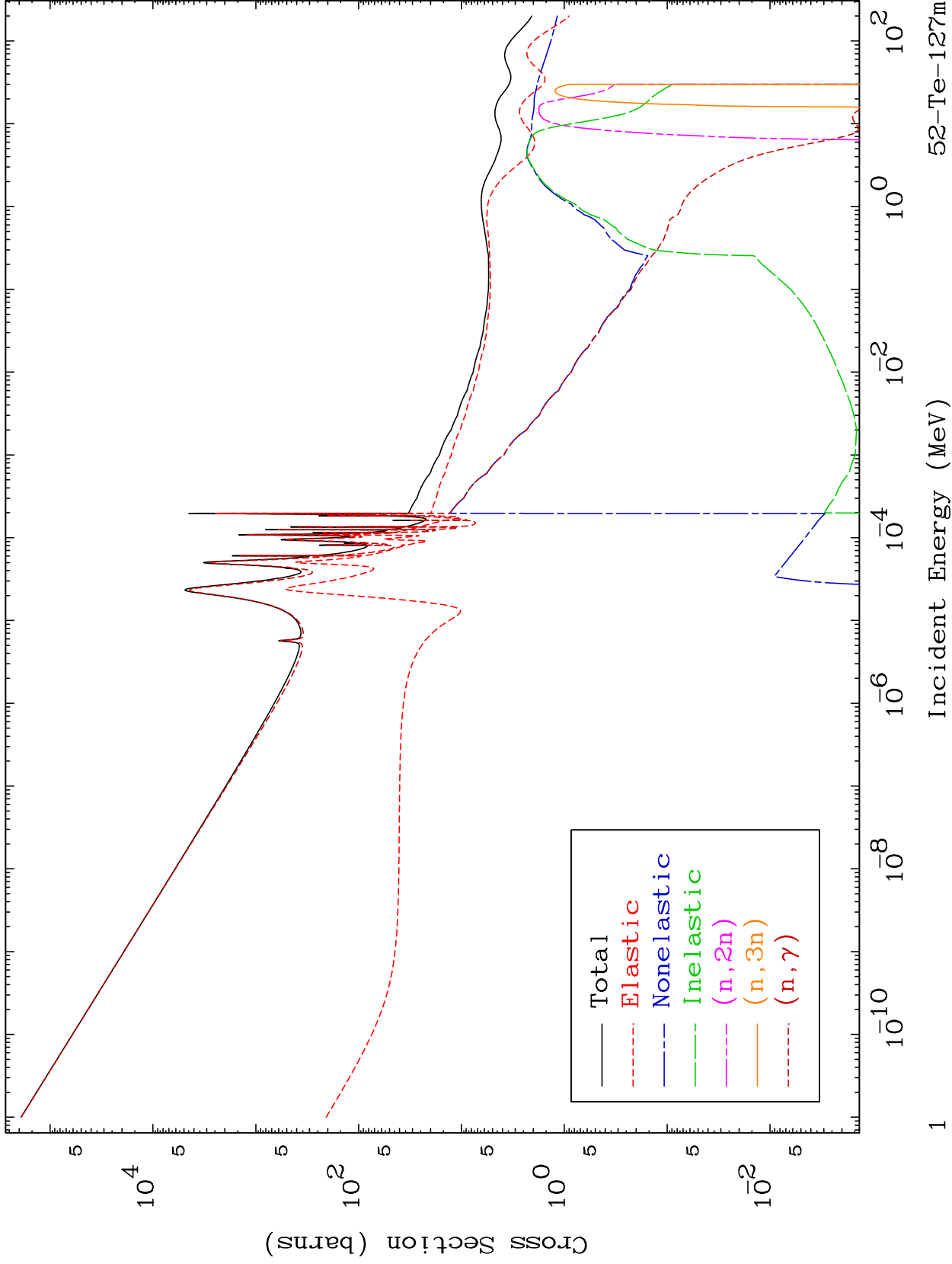
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5247

Neutron Major  
293 Kelvin Cross Sections

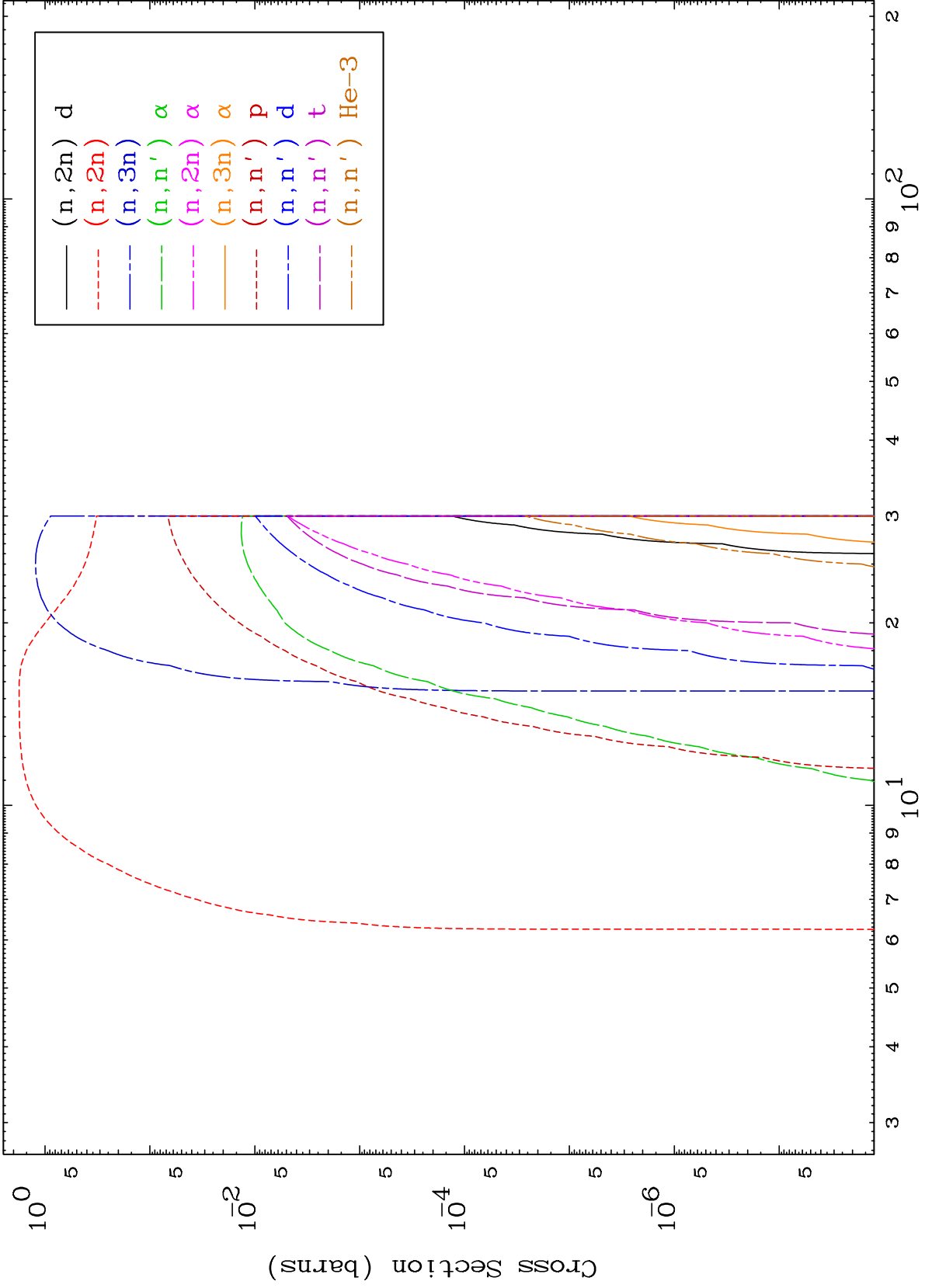
52-Te-127m



MAT 5247

Neutron Absorption  
293 Kelvin Cross Sections

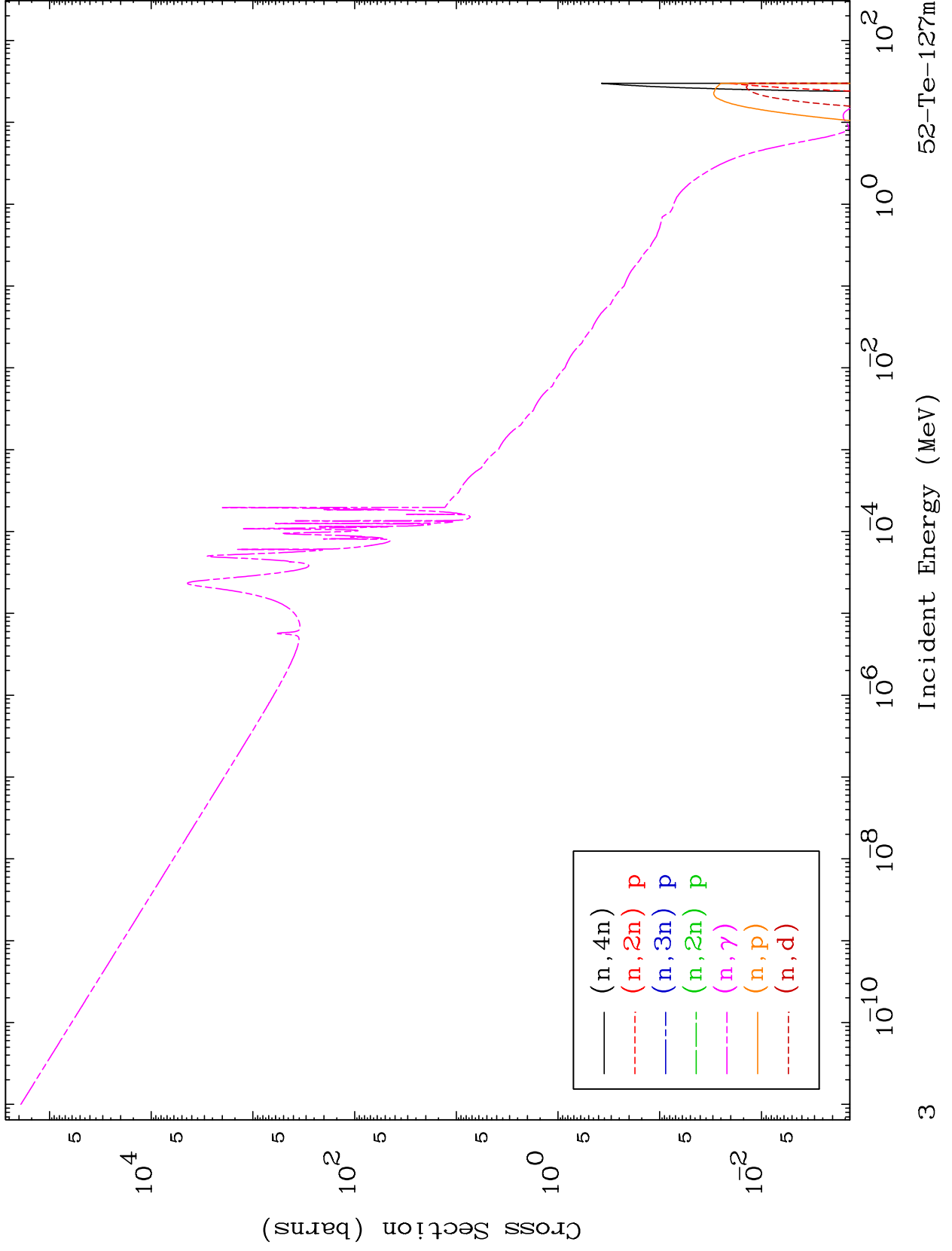
52-Te-127m



MAT 5247

Neutron Absorption  
293 Kelvin Cross Sections

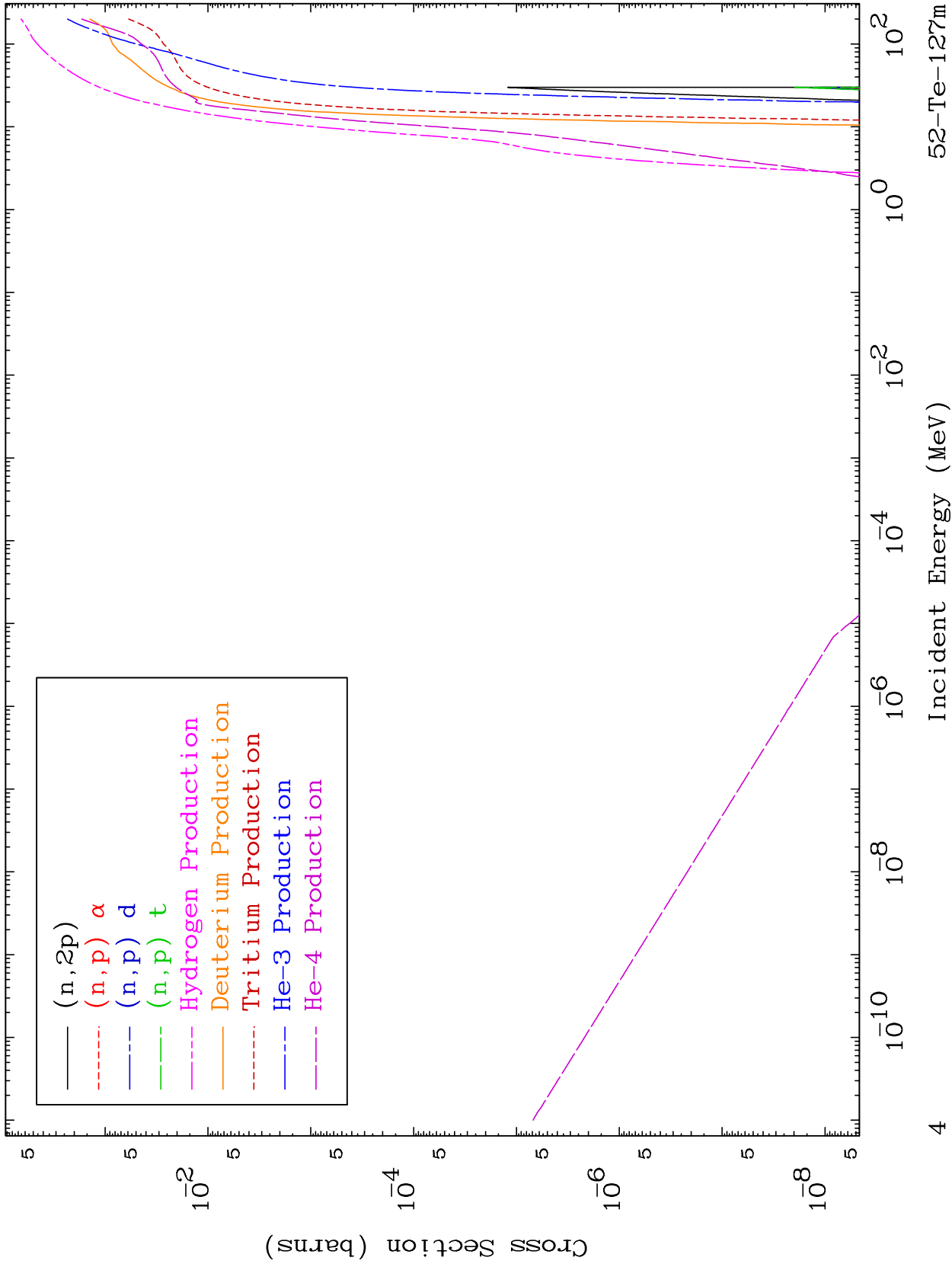
52-Te-127m



MAT 5247

Neutron Absorption  
293 Kelvin Cross Sections

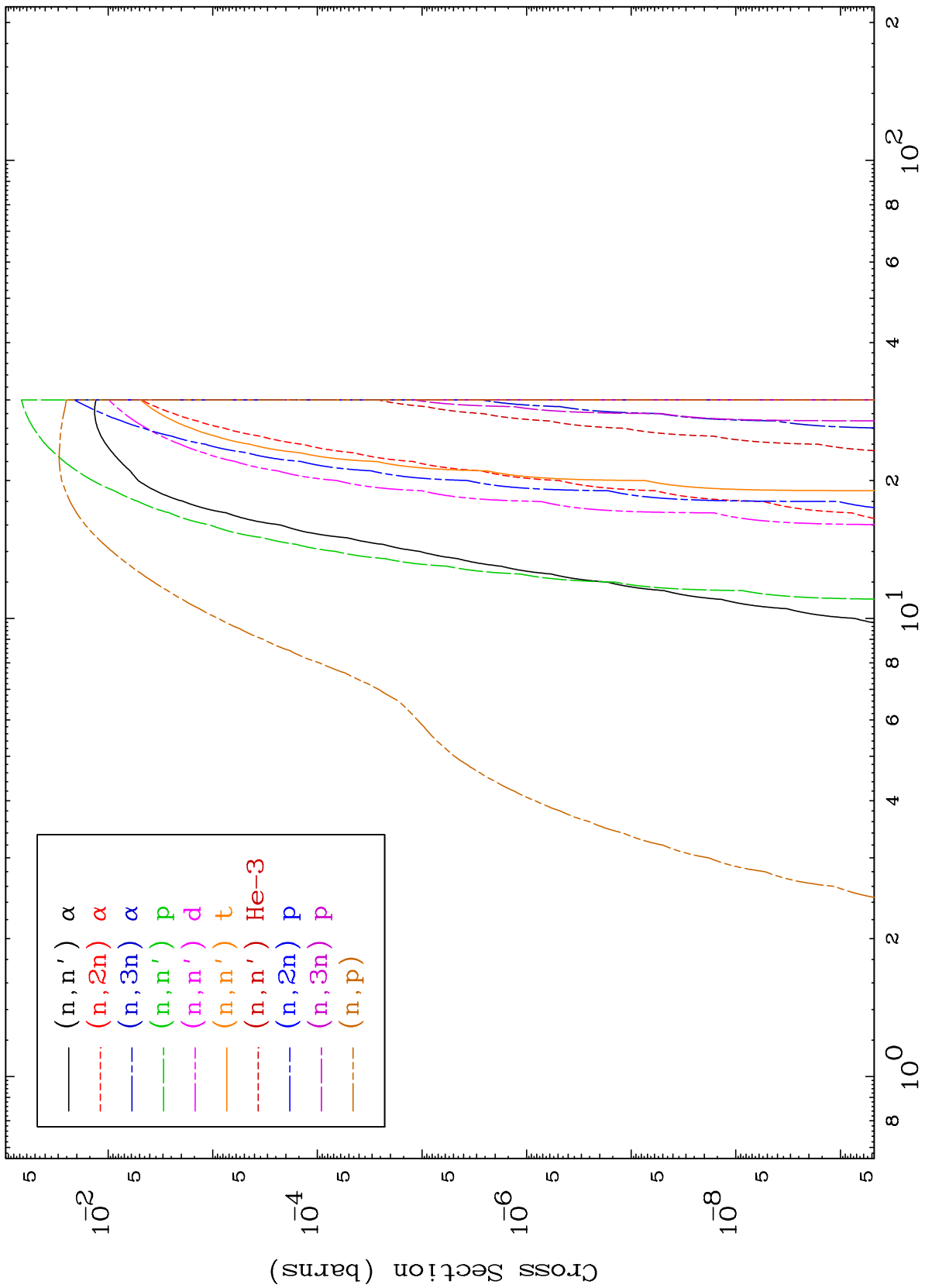
52-Te-127m



MAT 5247

Charged Particle  
293 Kelvin Cross Sections

52-Te-127m



Incident Energy (MeV)

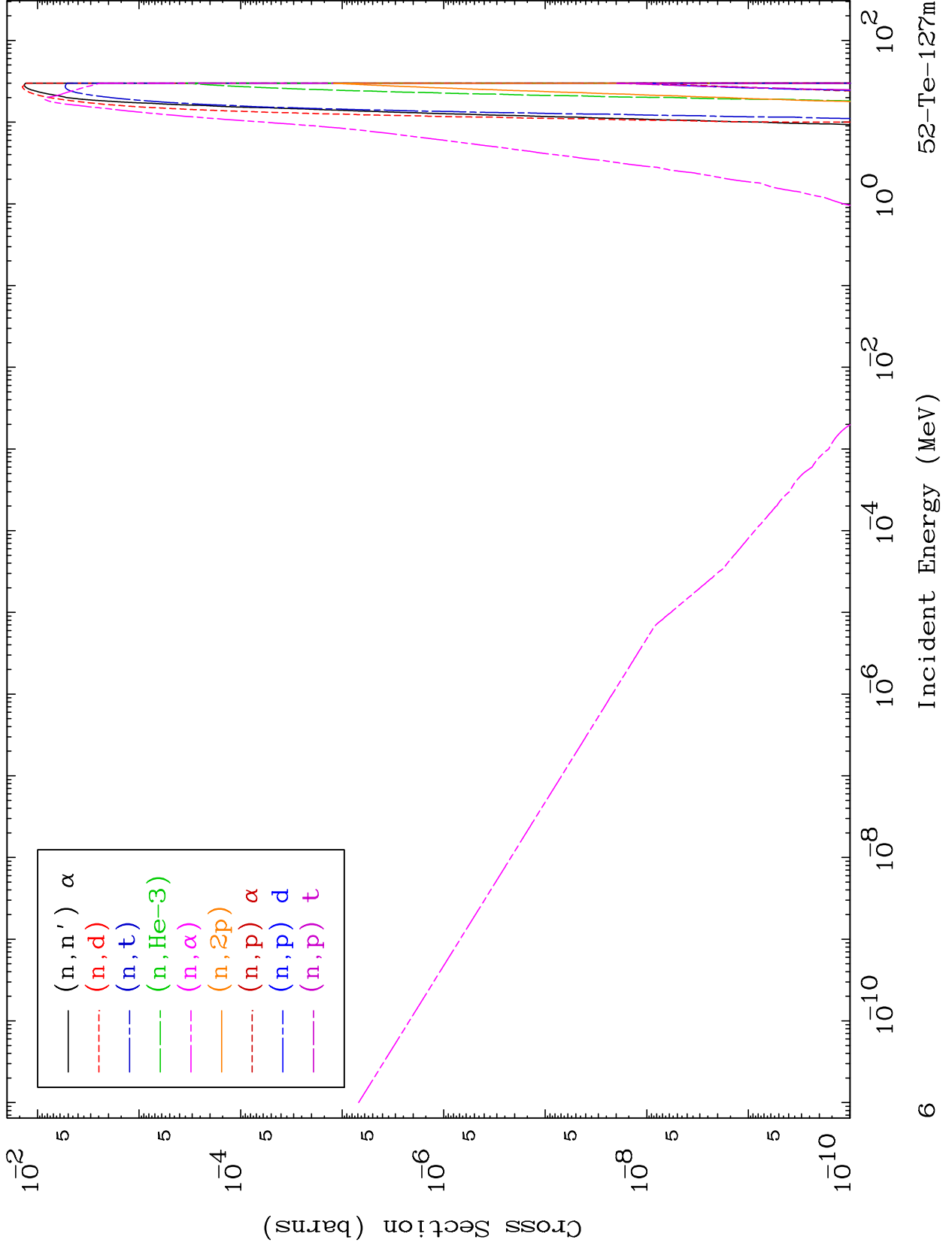
52-Te-127m

5

MAT 5247

Charged Particle  
293 Kelvin Cross Sections

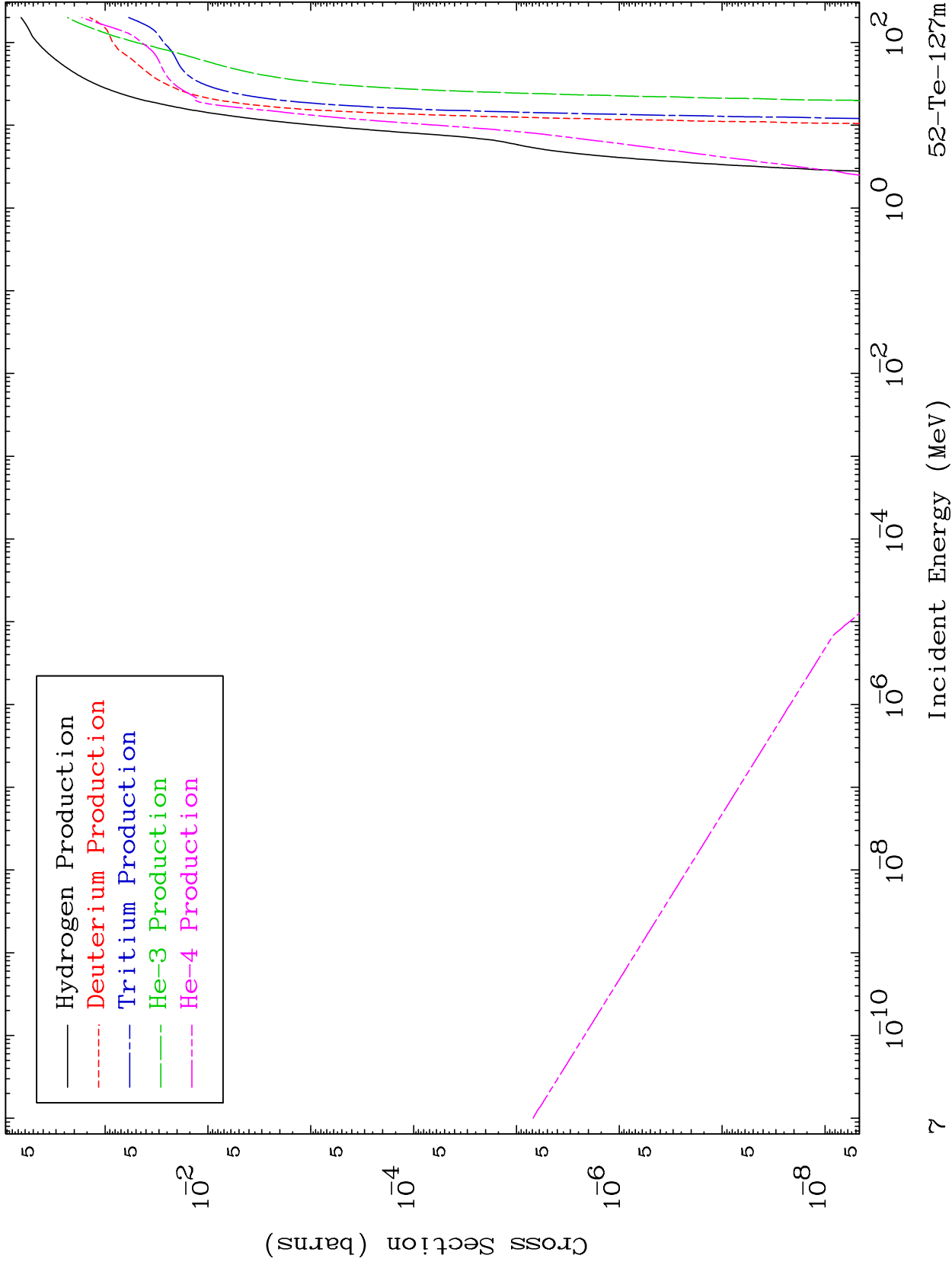
52-Te-127m



MAT 5247

Particle Production  
293 Kelvin Cross Sections

52-Te-127m

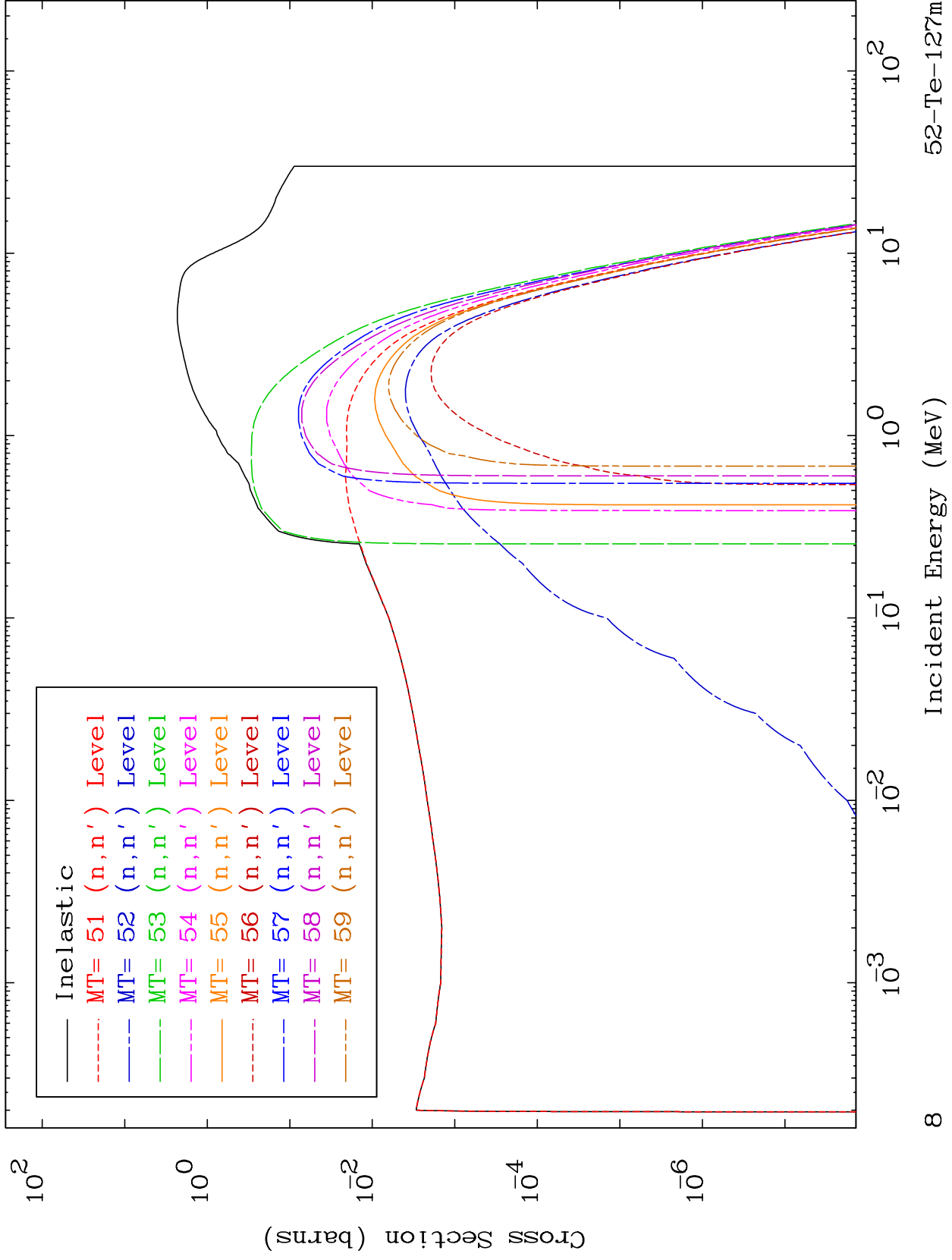




MAT 5247

(n,n') Levels  
293 Kelvin Cross Sections

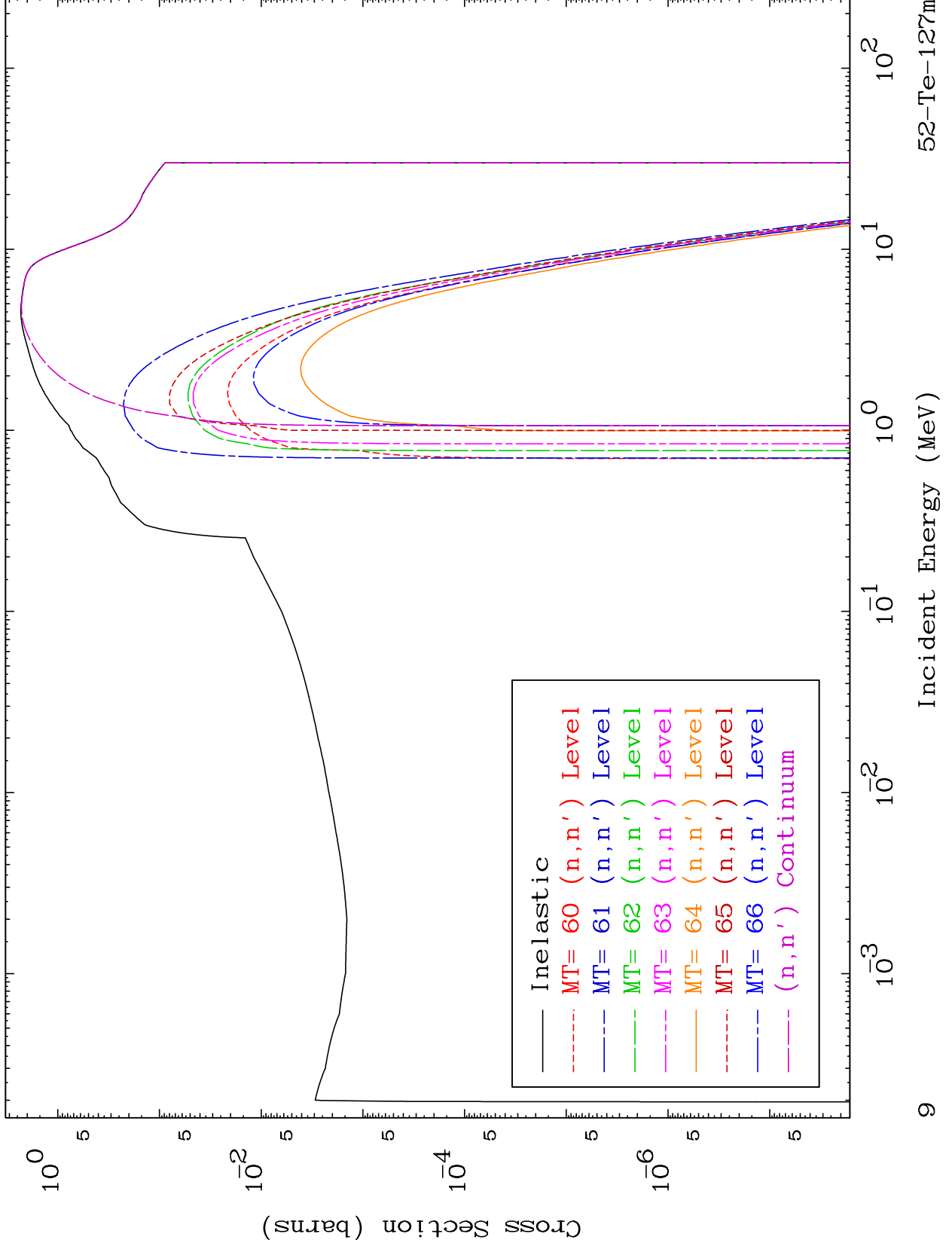
52-Te-127m



MAT 5247

(n,n') Levels  
293 Kelvin Cross Sections

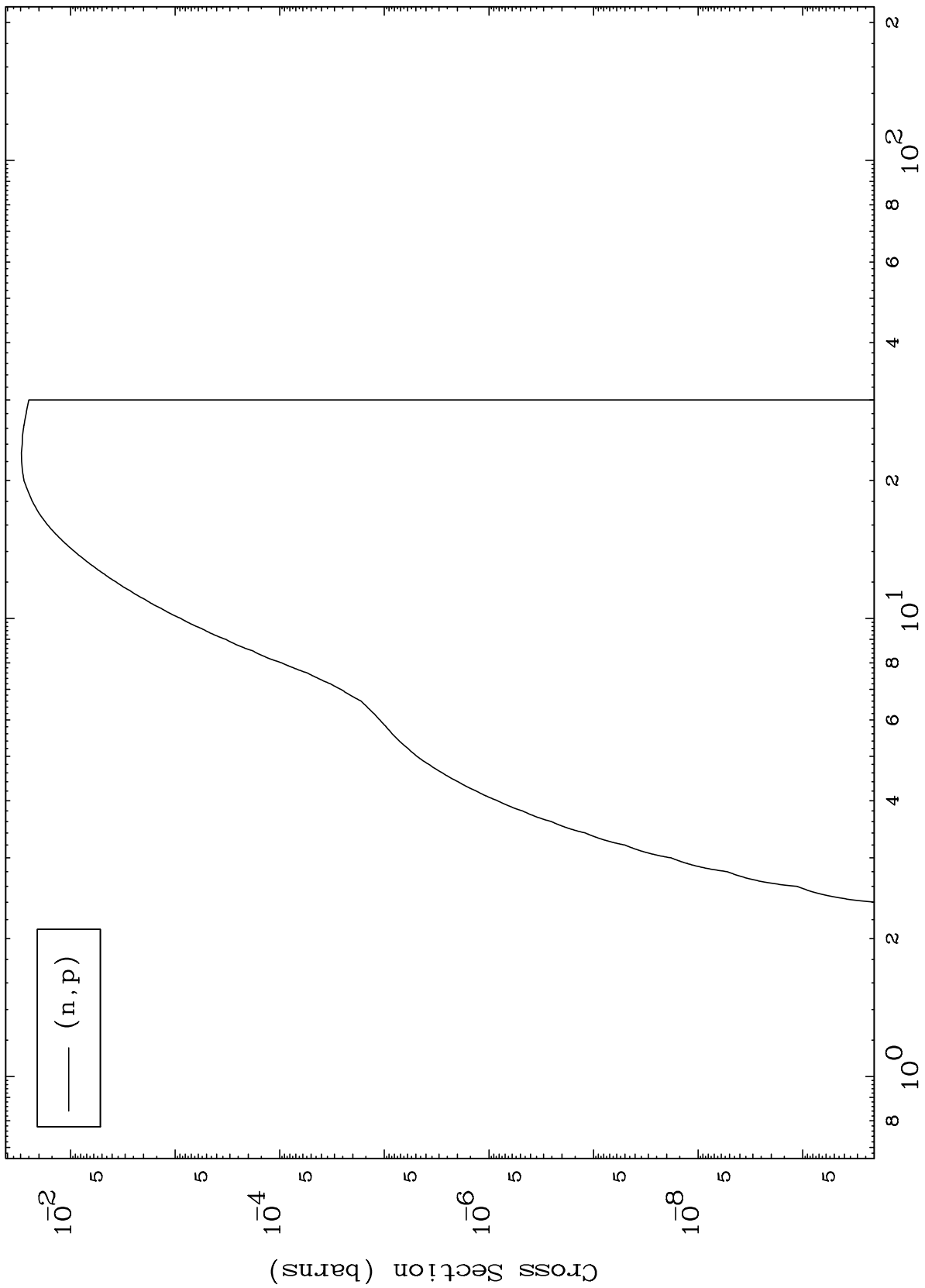
52-Te-127m



MAT 5247

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-127m



(n,p)

52-Te-127m

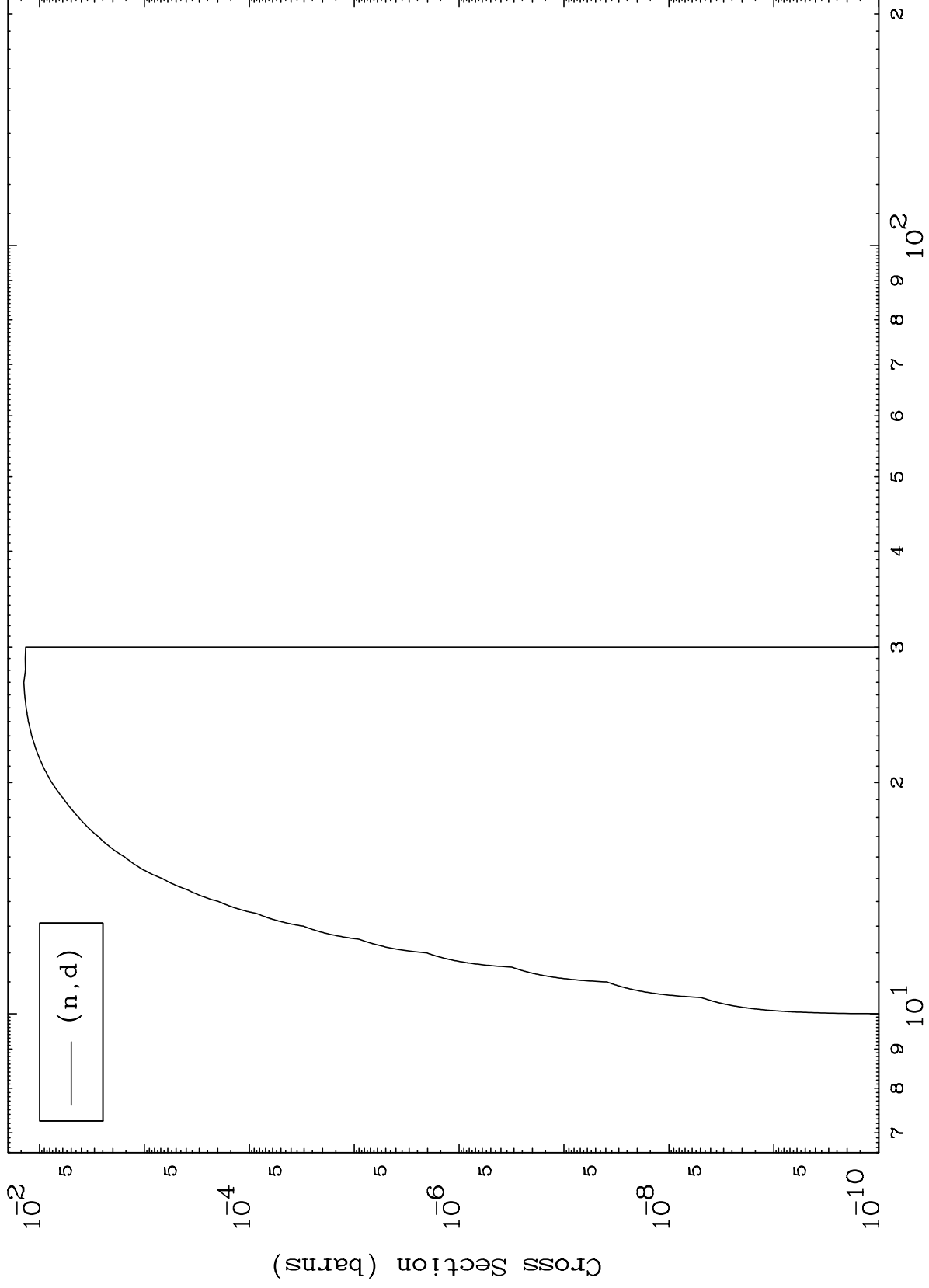
Incident Energy (MeV)

10

MAT 5247

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-127m



11

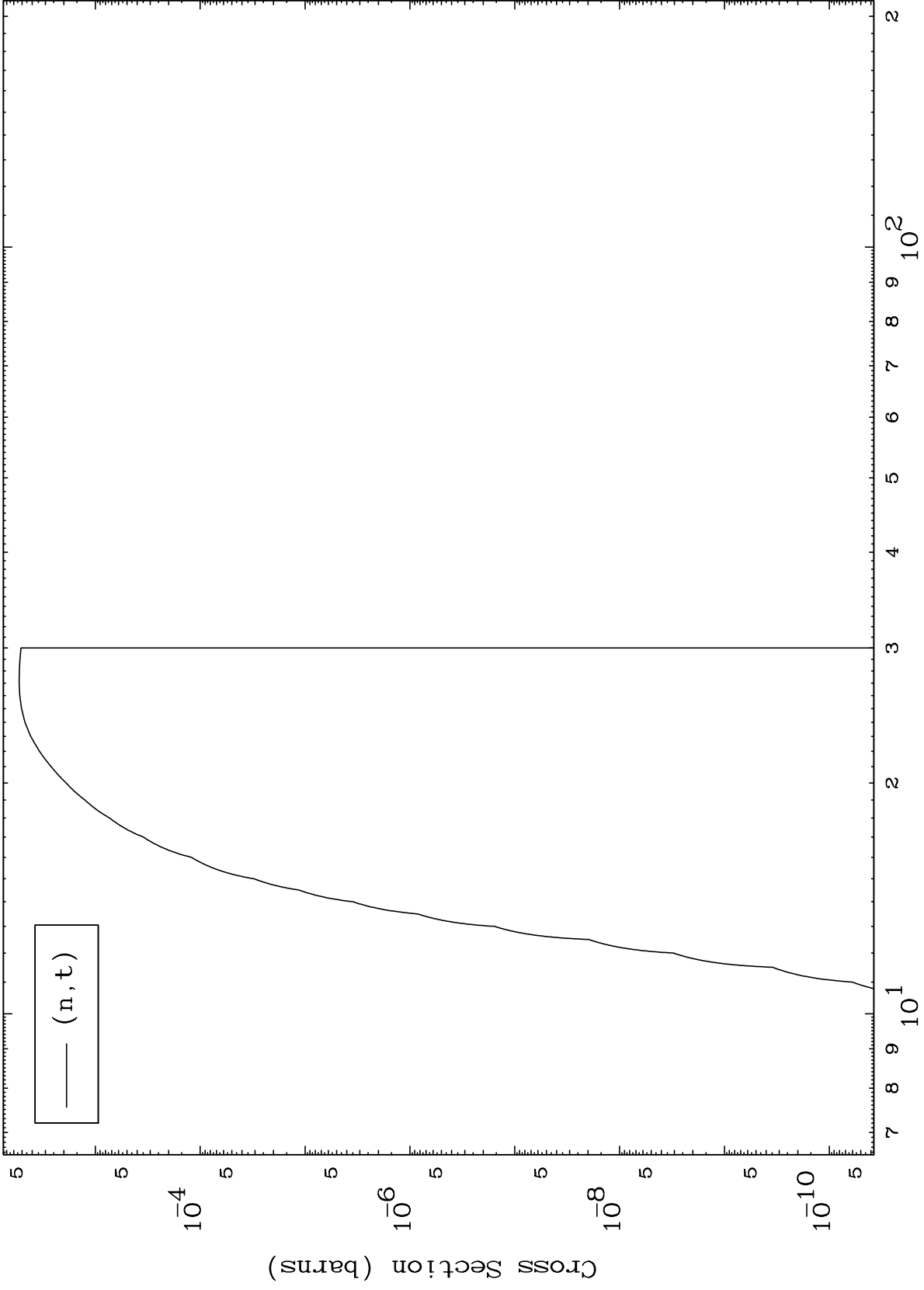
Incident Energy (MeV)

52-Te-127m

MAT 5247

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-127m



12

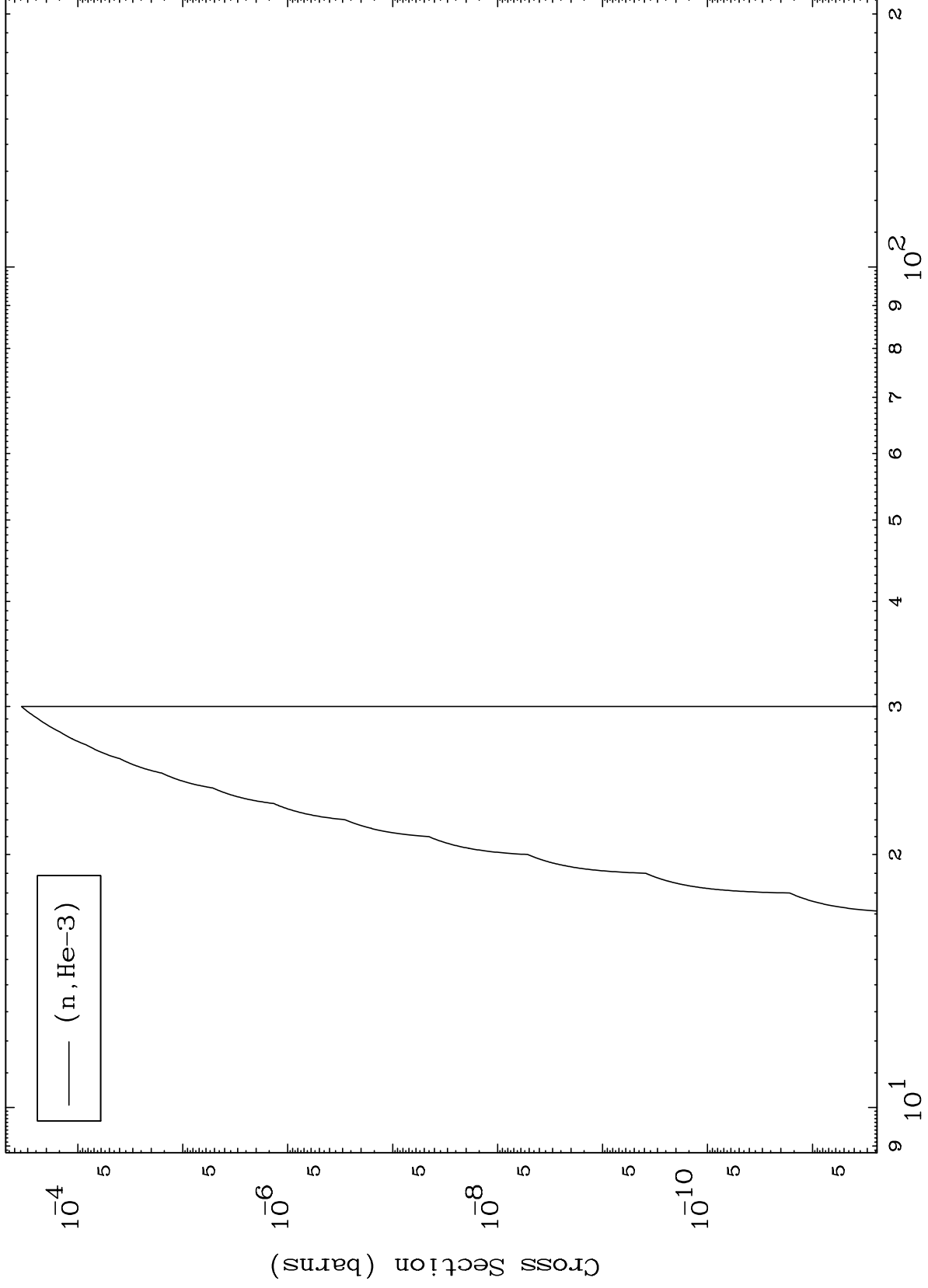
Incident Energy (MeV)

52-Te-127m

MAT 5247

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-127m



13

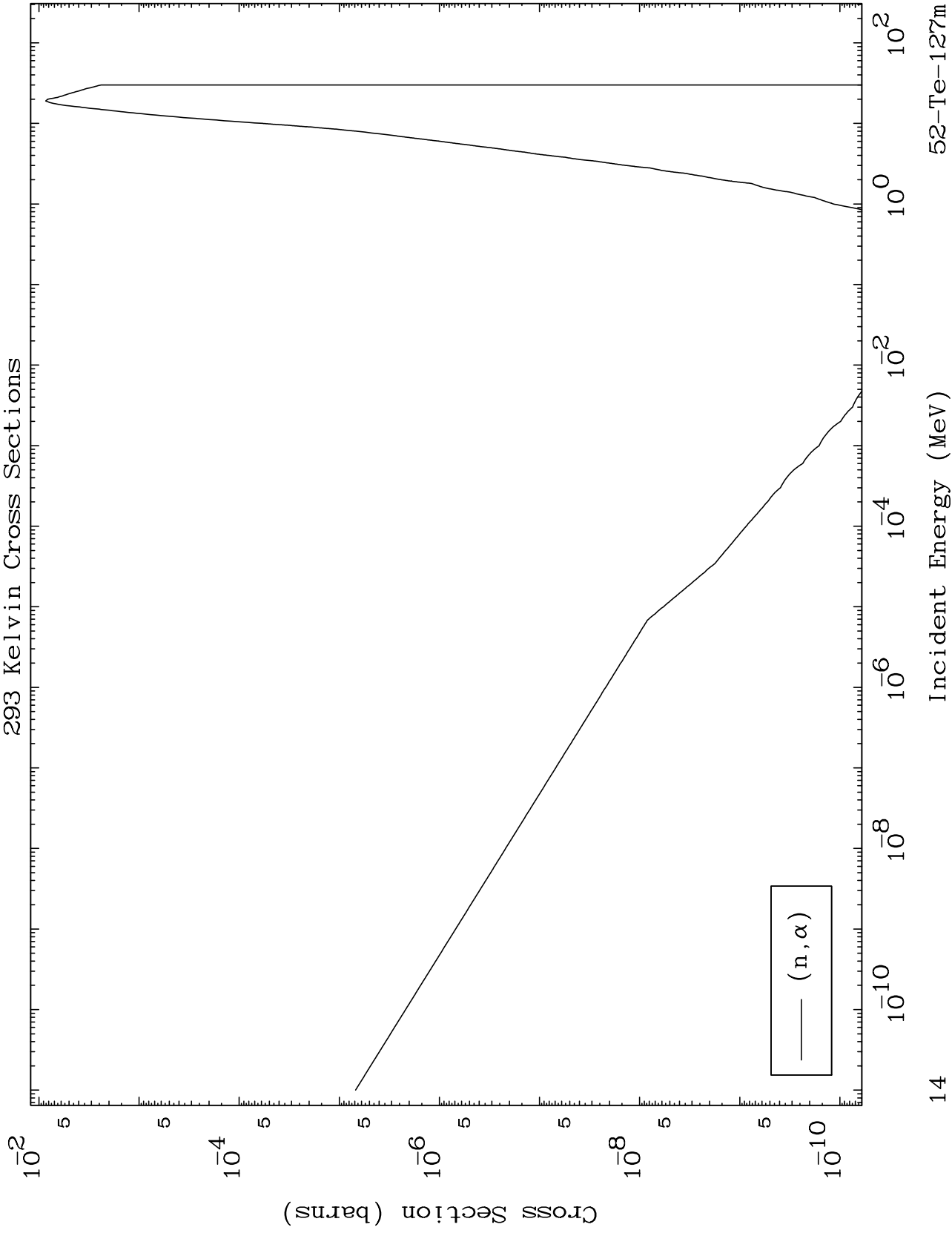
Incident Energy (MeV)

52-Te-127m

MAT 5247

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

<sup>52</sup>Te-127m



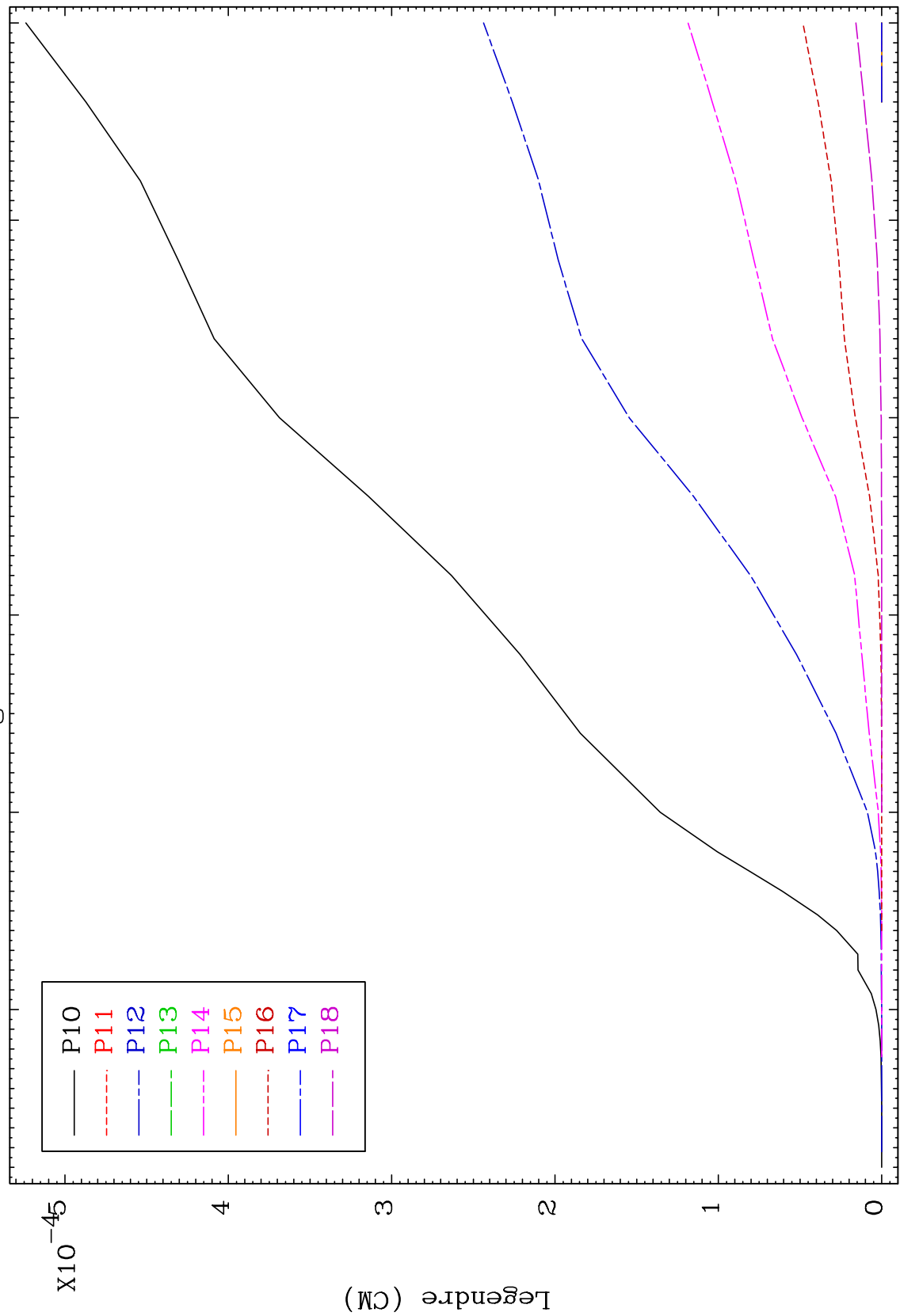




MAT 5247

Elastic Legendre Coefficients

52-Te-127m



16

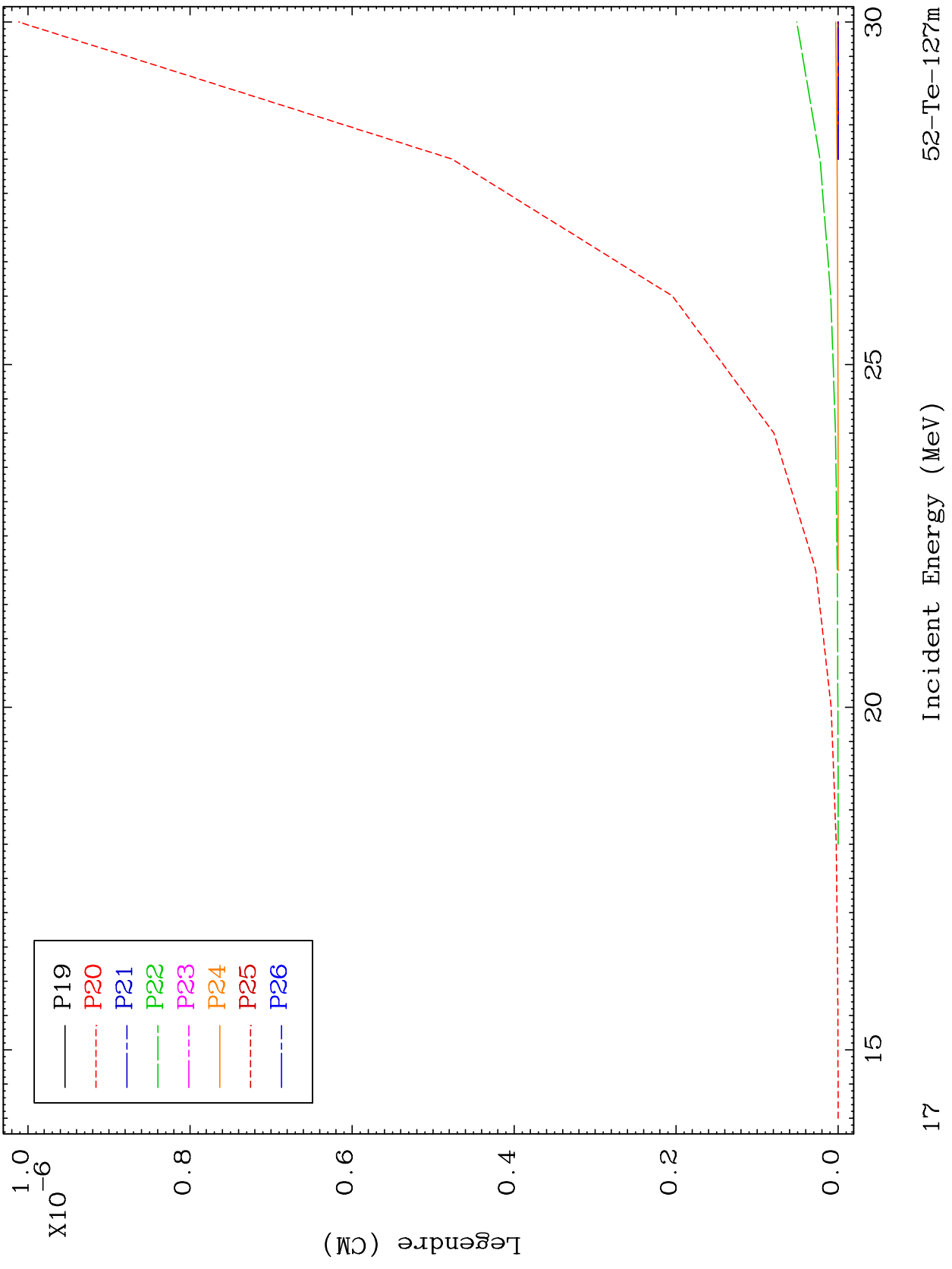
Incident Energy (MeV)

52-Te-127m

MAT 5247

Elastic Legendre Coefficients

52-Te-127m



17

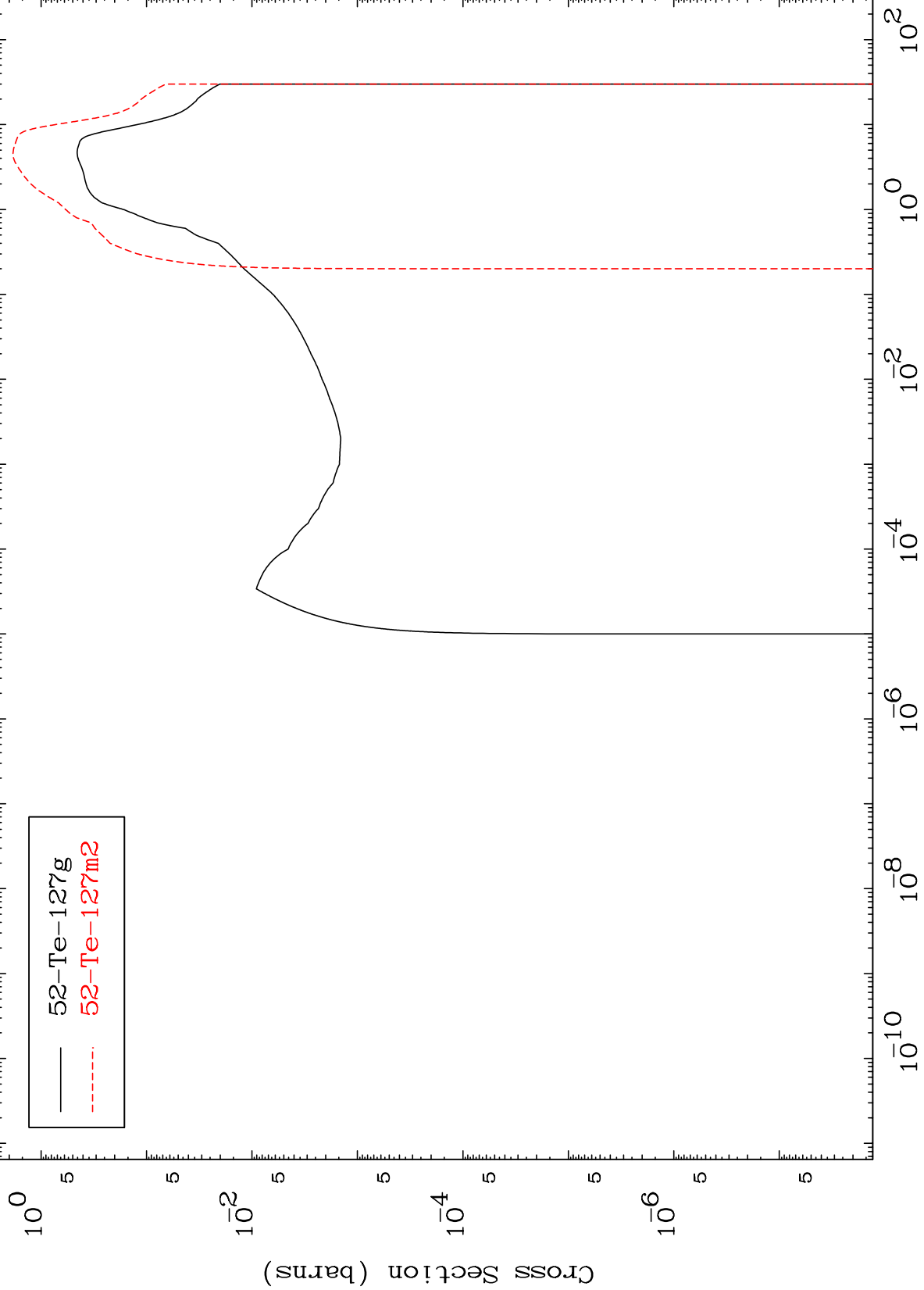
Incident Energy (MeV)

52-Te-127m

MAT 5247

Inelastic  
Radionuclide Production Cross Section

52-Te-127m



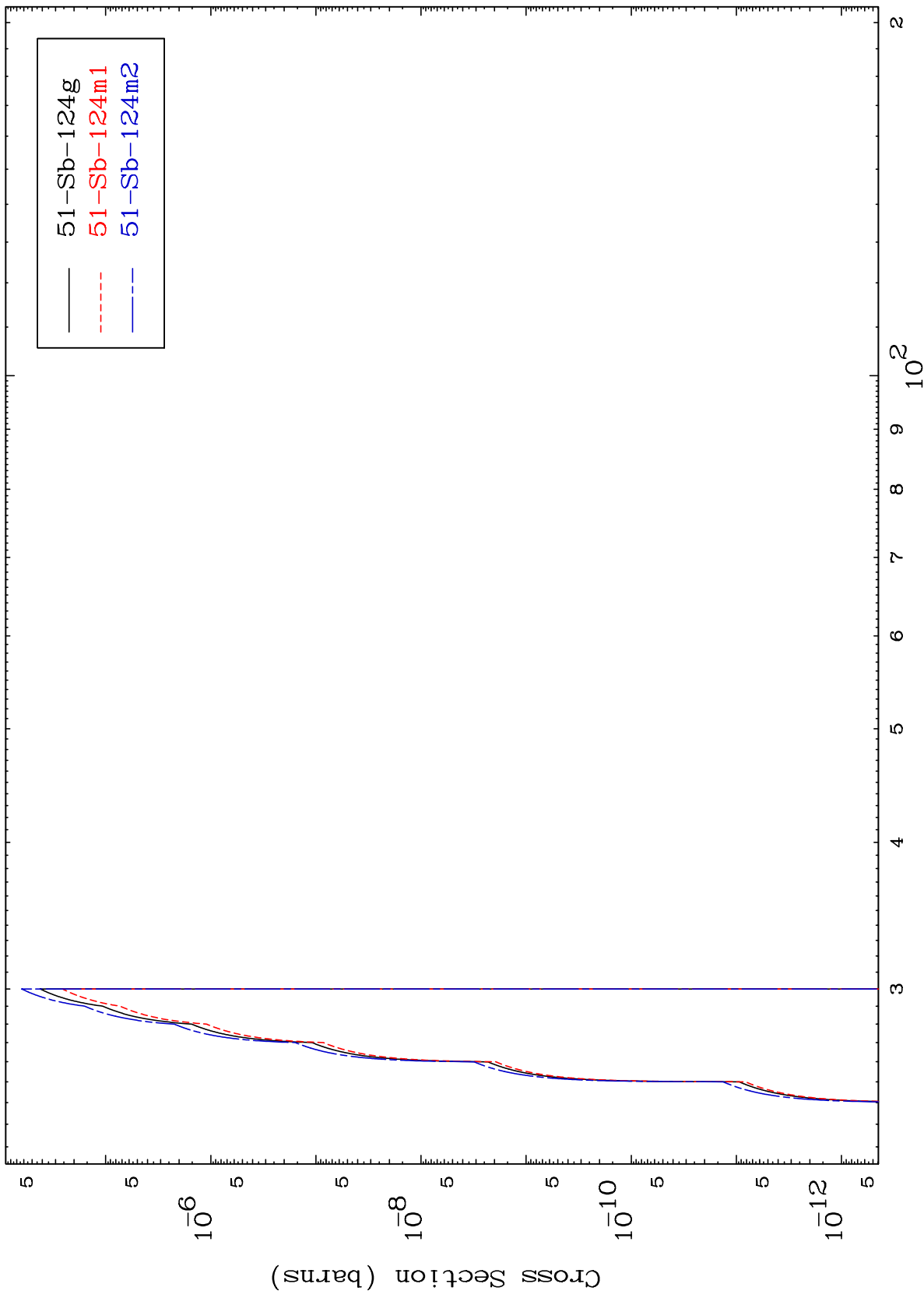
52-Te-127g  
52-Te-127m2

MAT 5247

(n,2n) d

52-Te-127m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

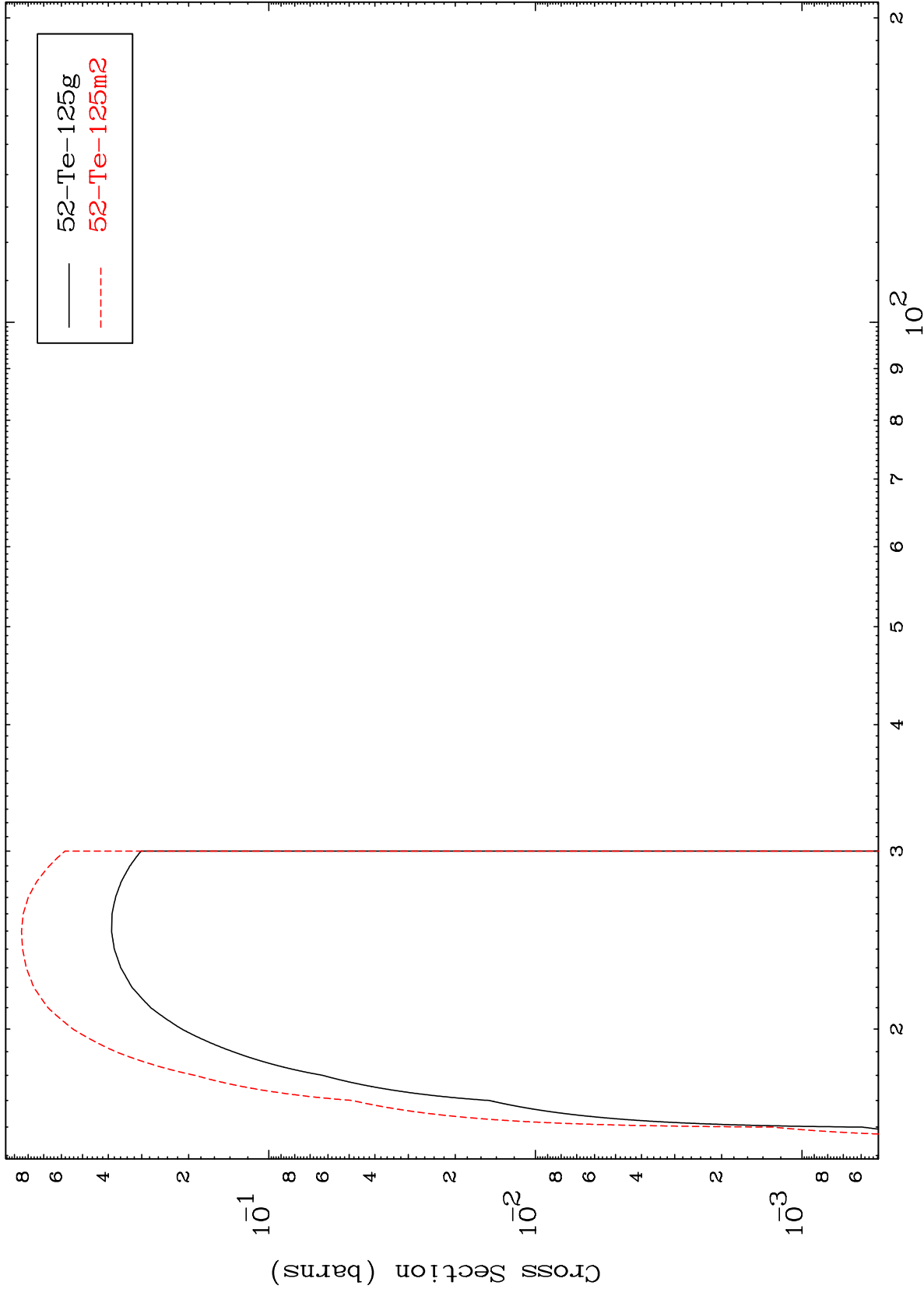
52-Te-127m

MAT 5247

(n,3n)

52-Te-127m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

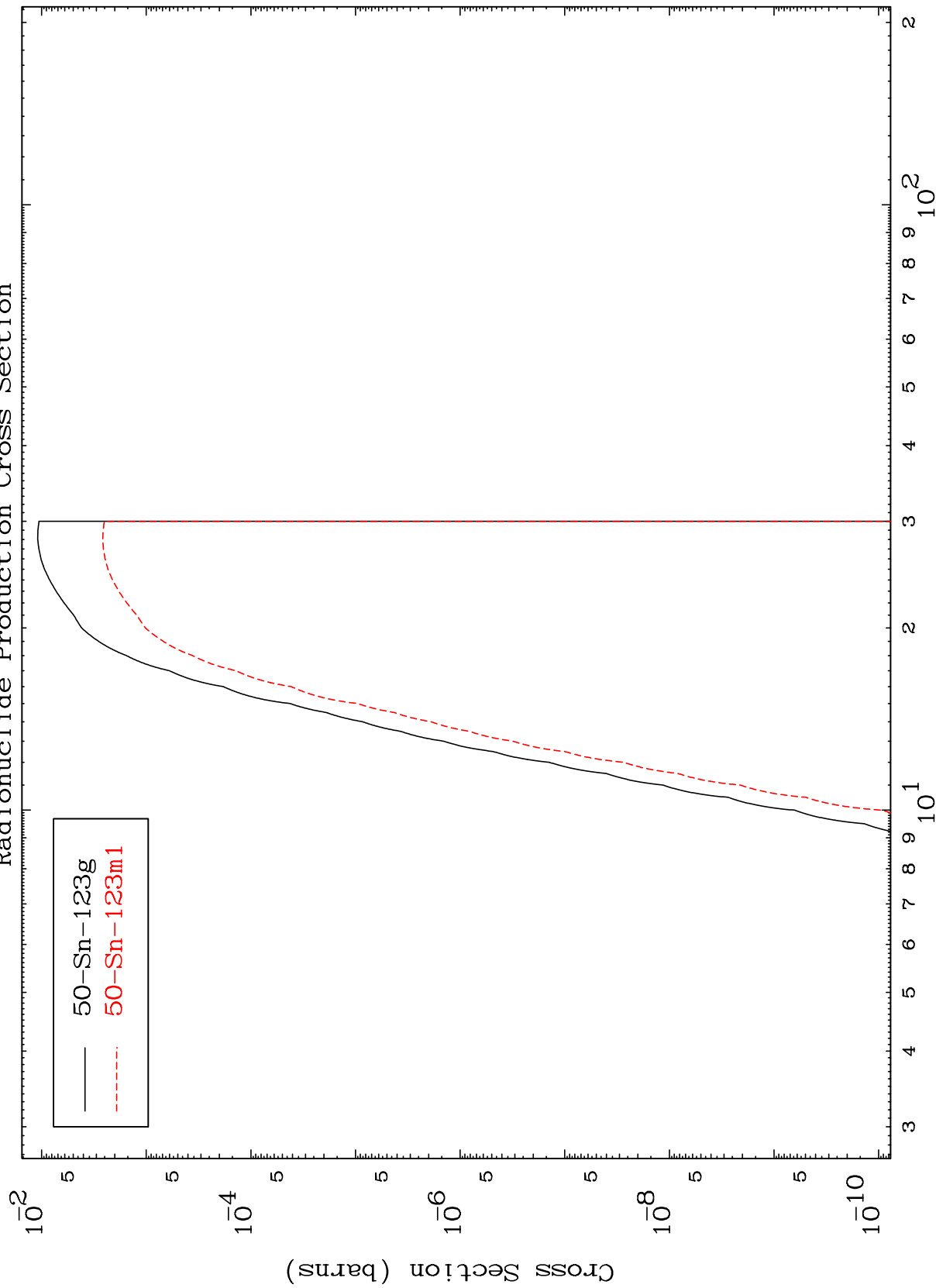
52-Te-127m

MAT 5247

(n,n')  $\alpha$

52-Te-127m

Radionuclide Production Cross Section

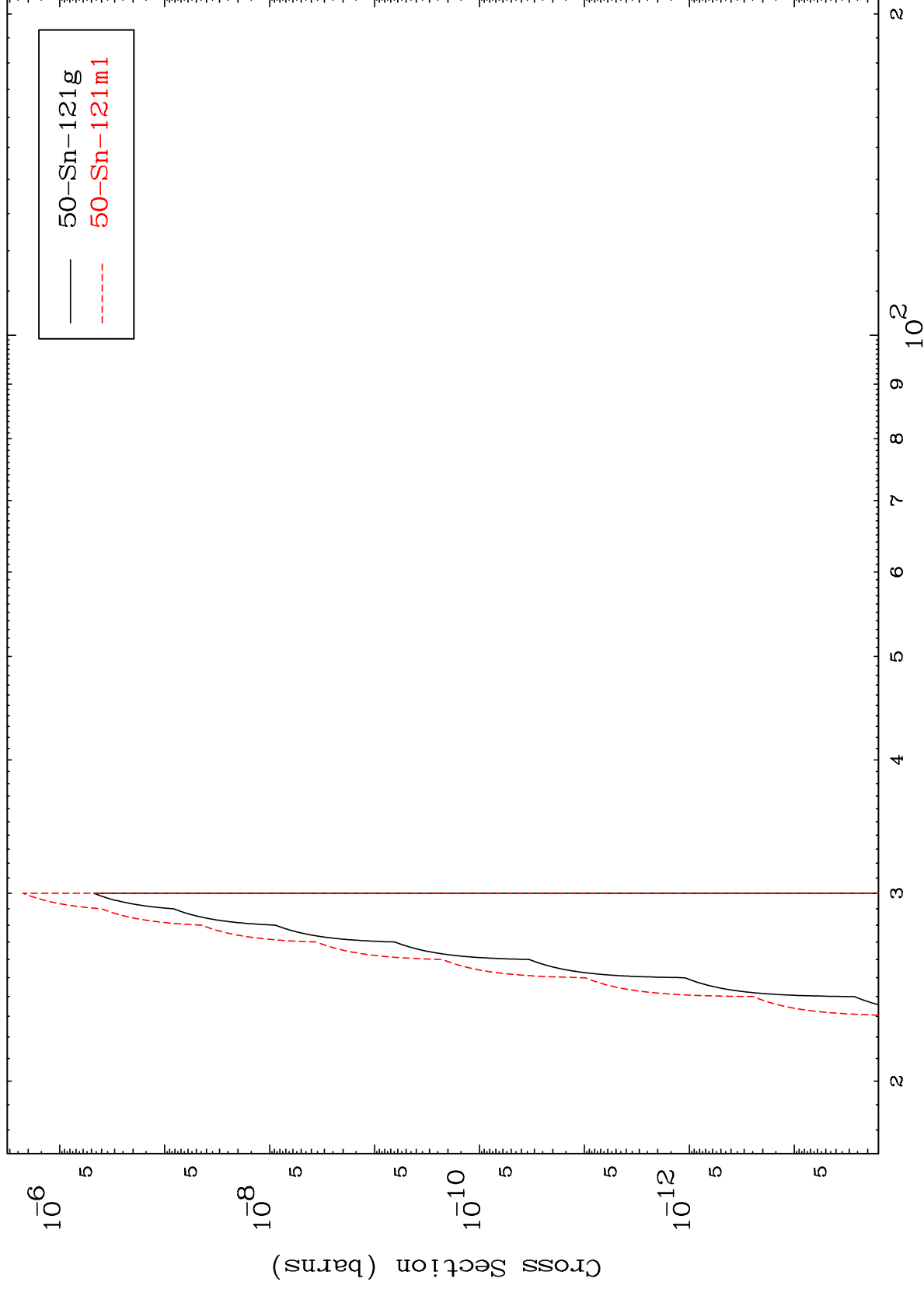


MAT 5247

$(n,3n) \alpha$

52-Te-127m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

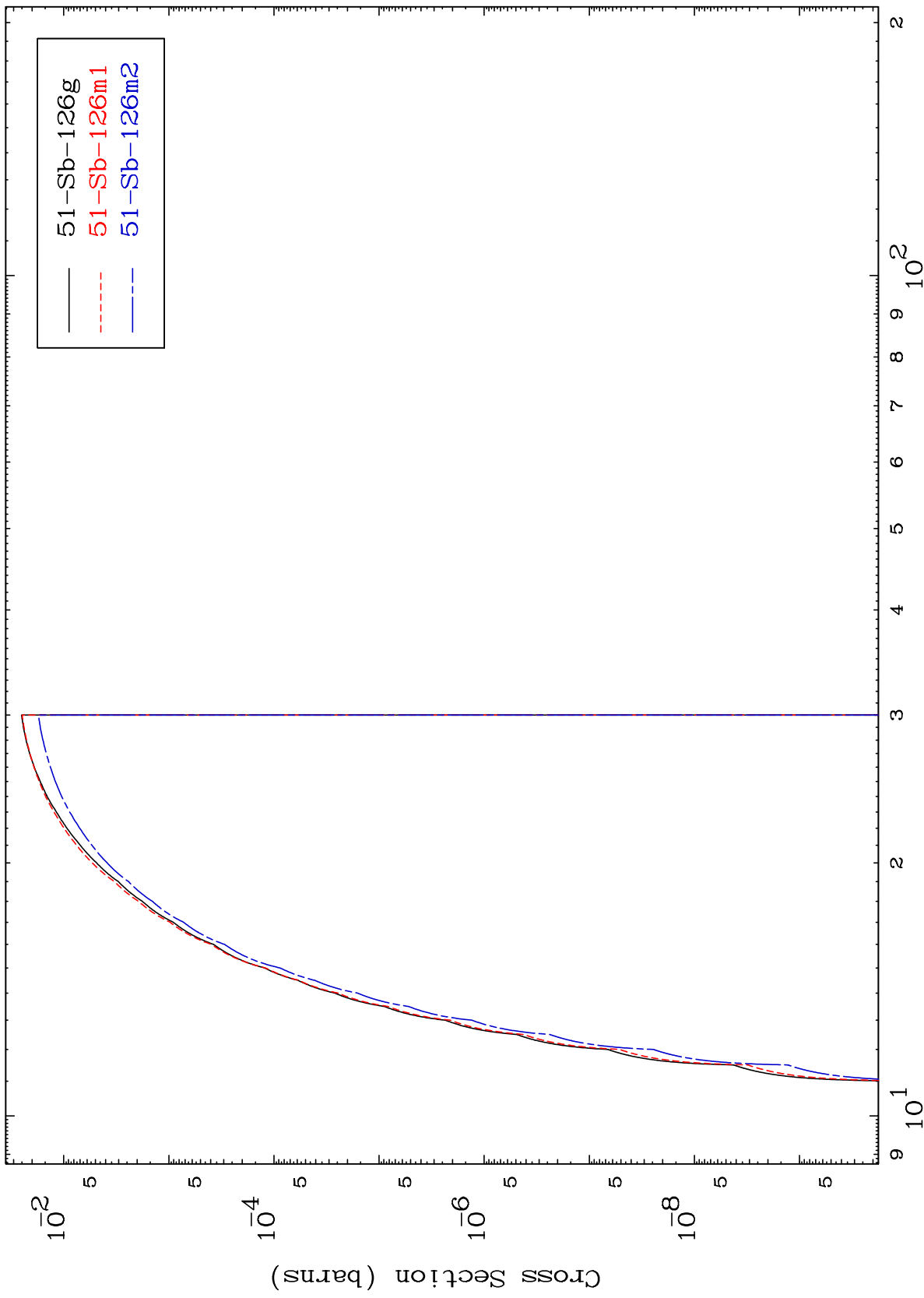
52-Te-127m

MAT 5247

(n,n') p

52-Te-127m

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-127m

23

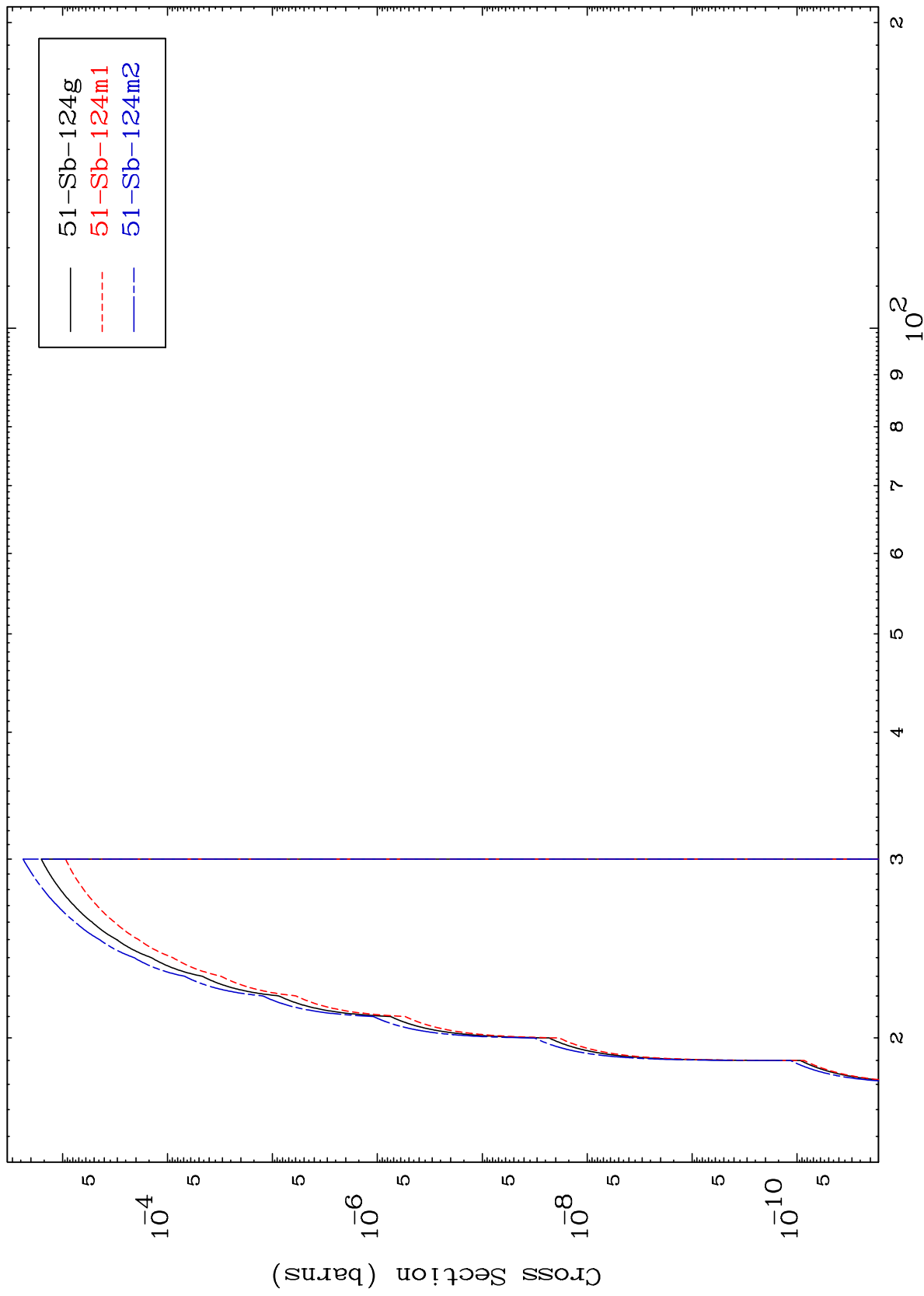


MAT 5247

(n,n') t

52-Te-127m

Radionuclide Production Cross Section



24

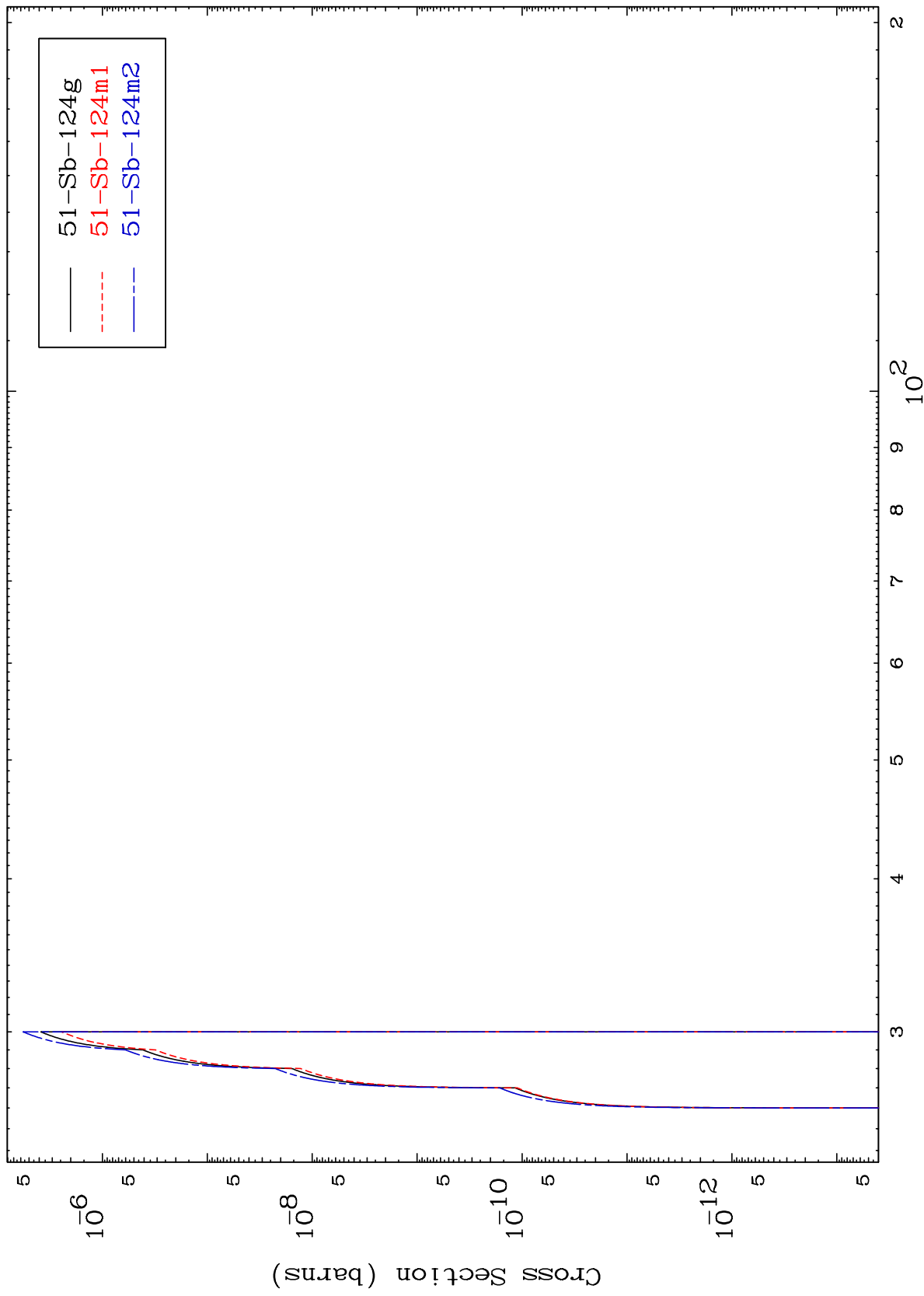
Incident Energy (MeV)

52-Te-127m

MAT 5247

52-Te-127m

(n,3n) p  
Radionuclide Production Cross Section

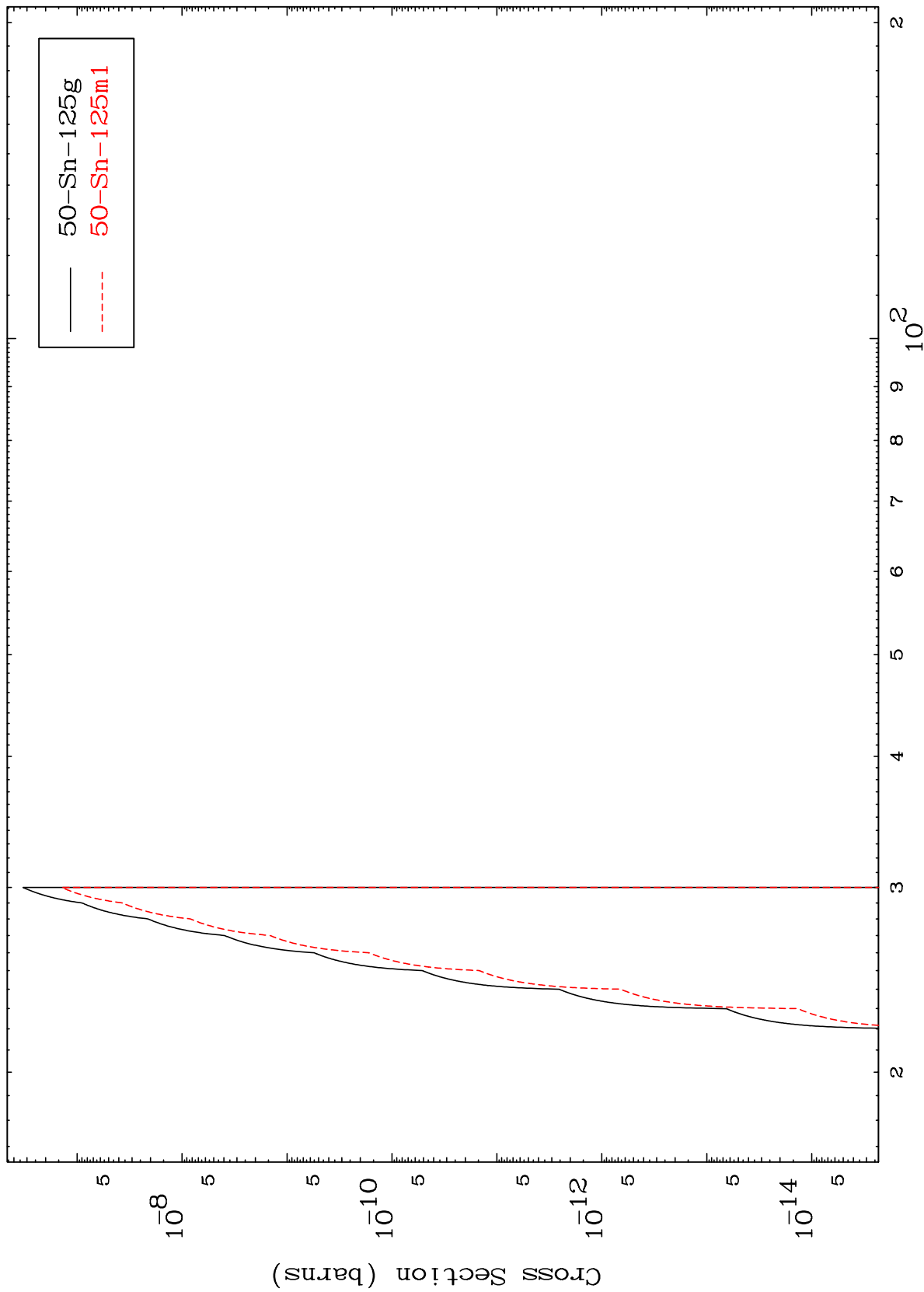


52-Te-127m

Incident Energy (MeV)

25

Radionuclide Production Cross Section

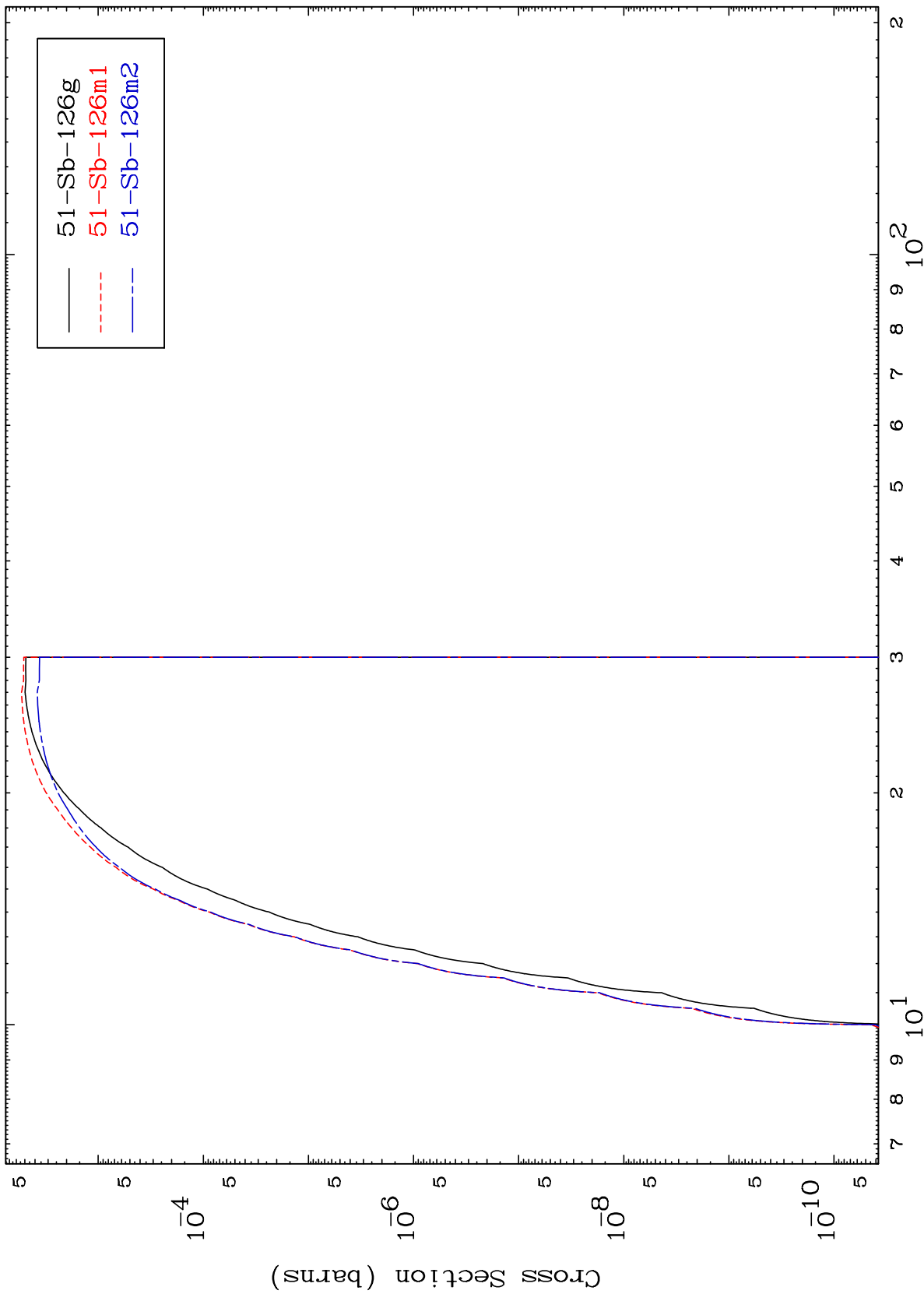


MAT 5247

(n,d)

52-Te-127m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

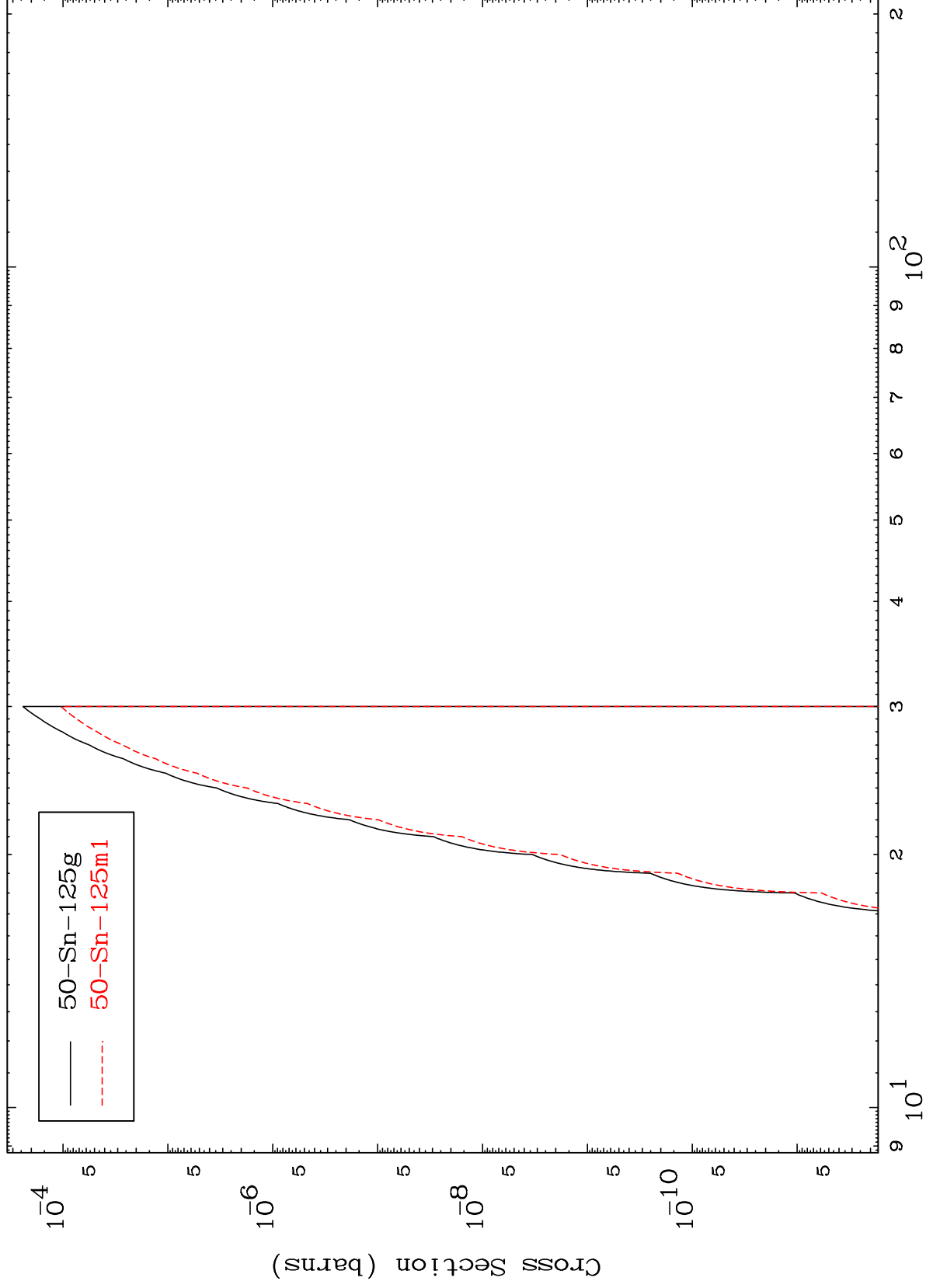
52-Te-127m

MAT 5247

(n,He-3)

52-Te-127m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

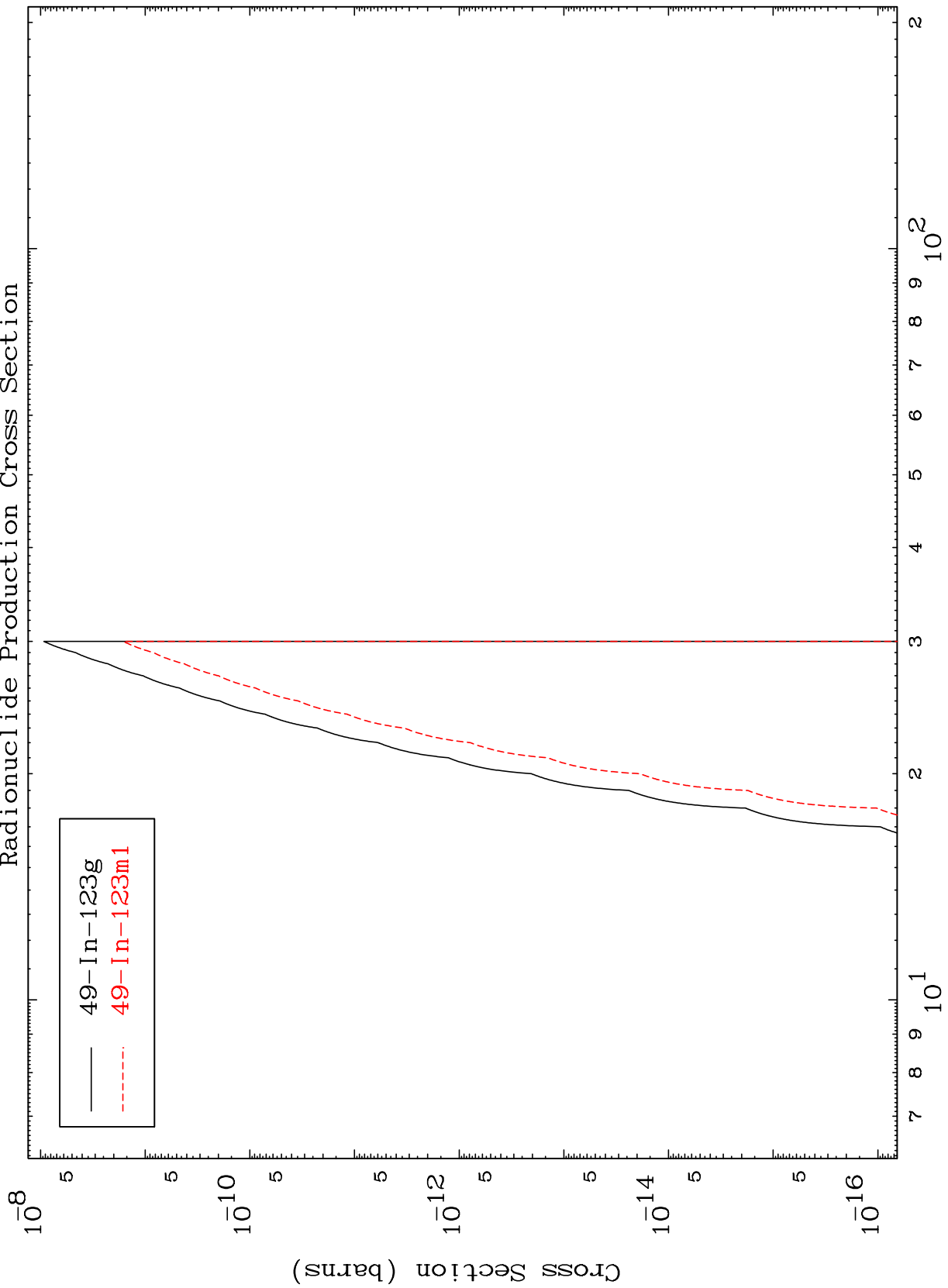
52-Te-127m

MAT 5247

(n,p)  $\alpha$

52-Te-127m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

52-Te-127m

