

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

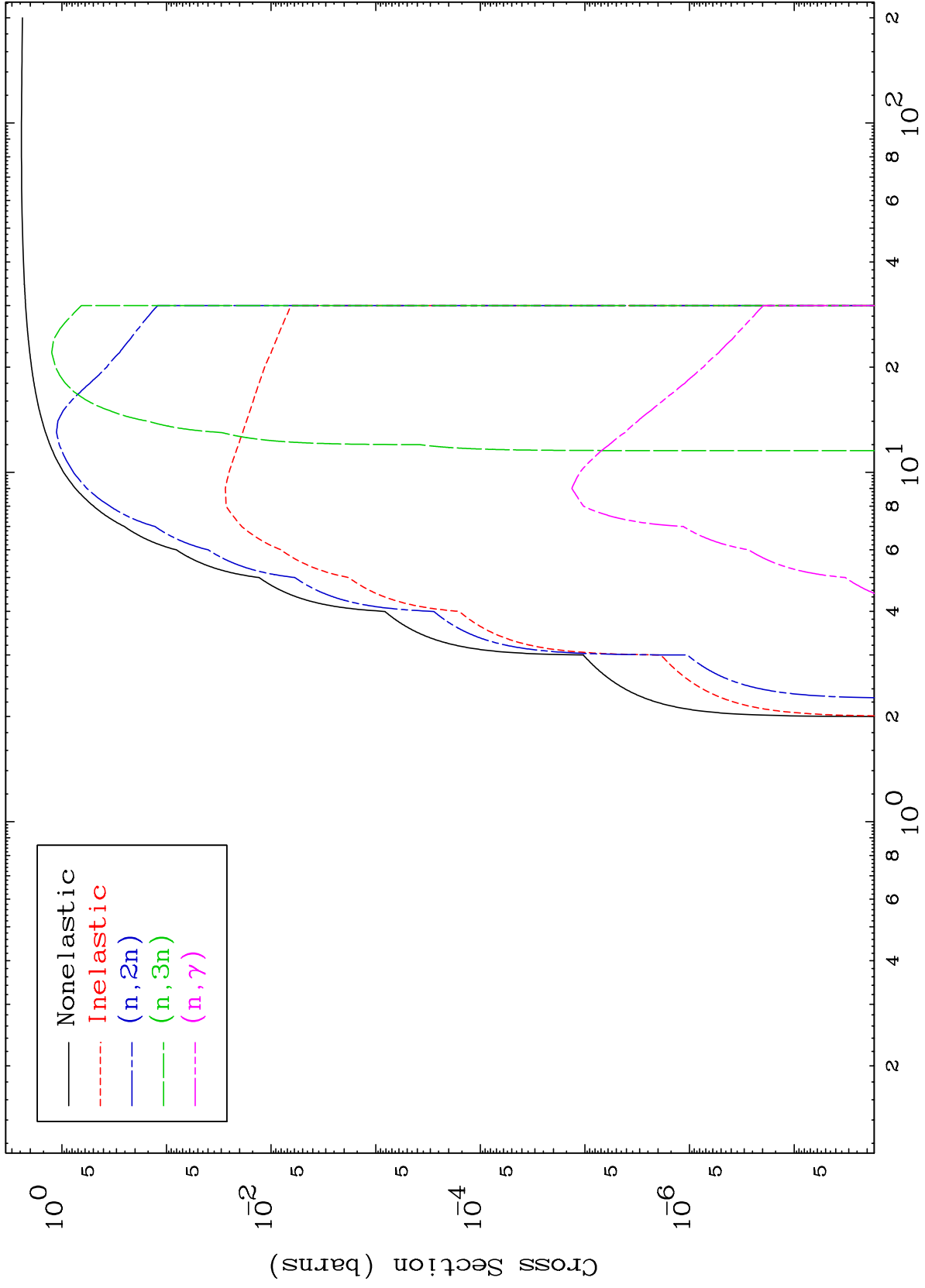
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5247

Deuteron Major  
0 Kelvin Cross Sections

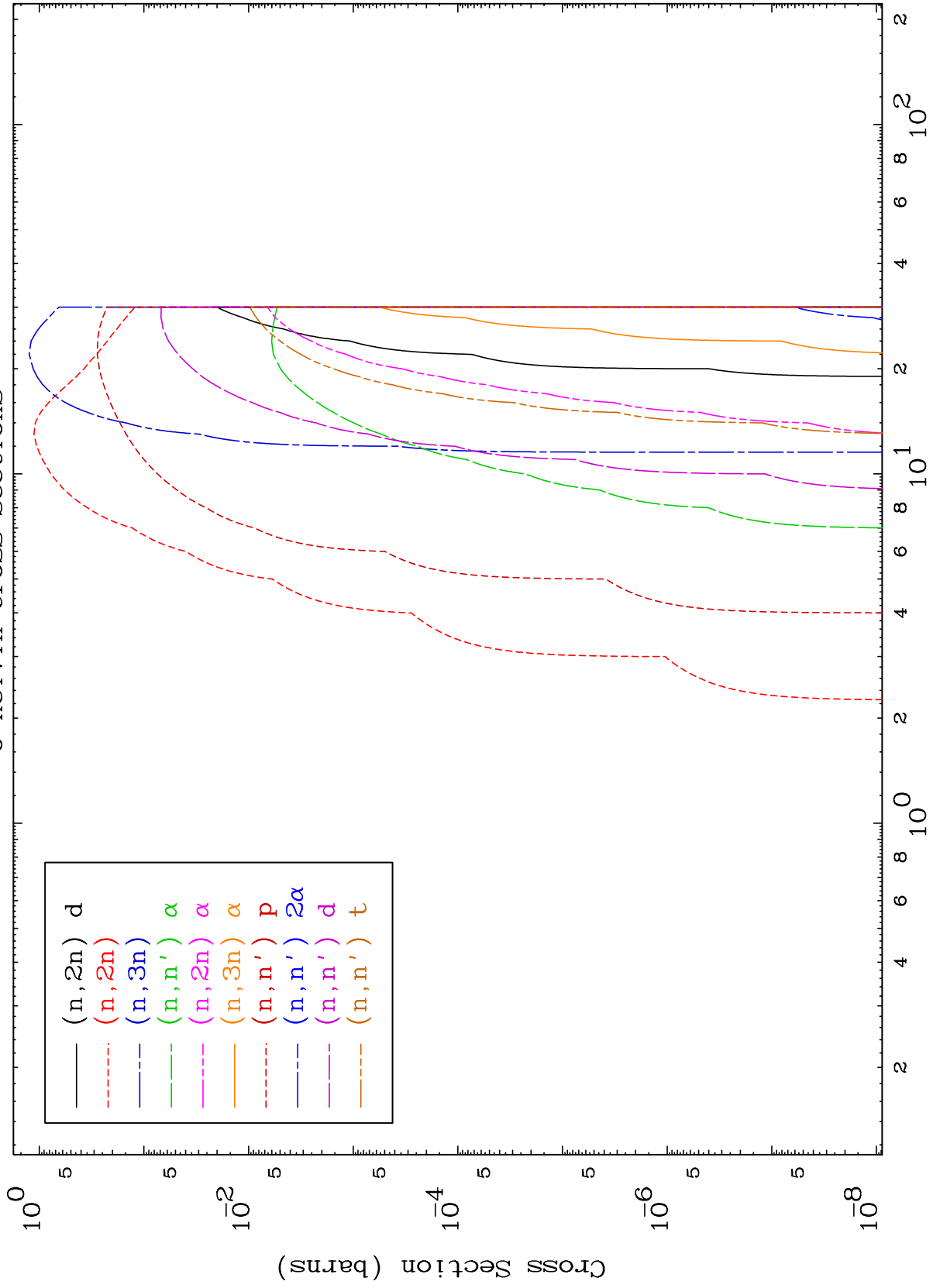
52-Te-127m



MAT 5247

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

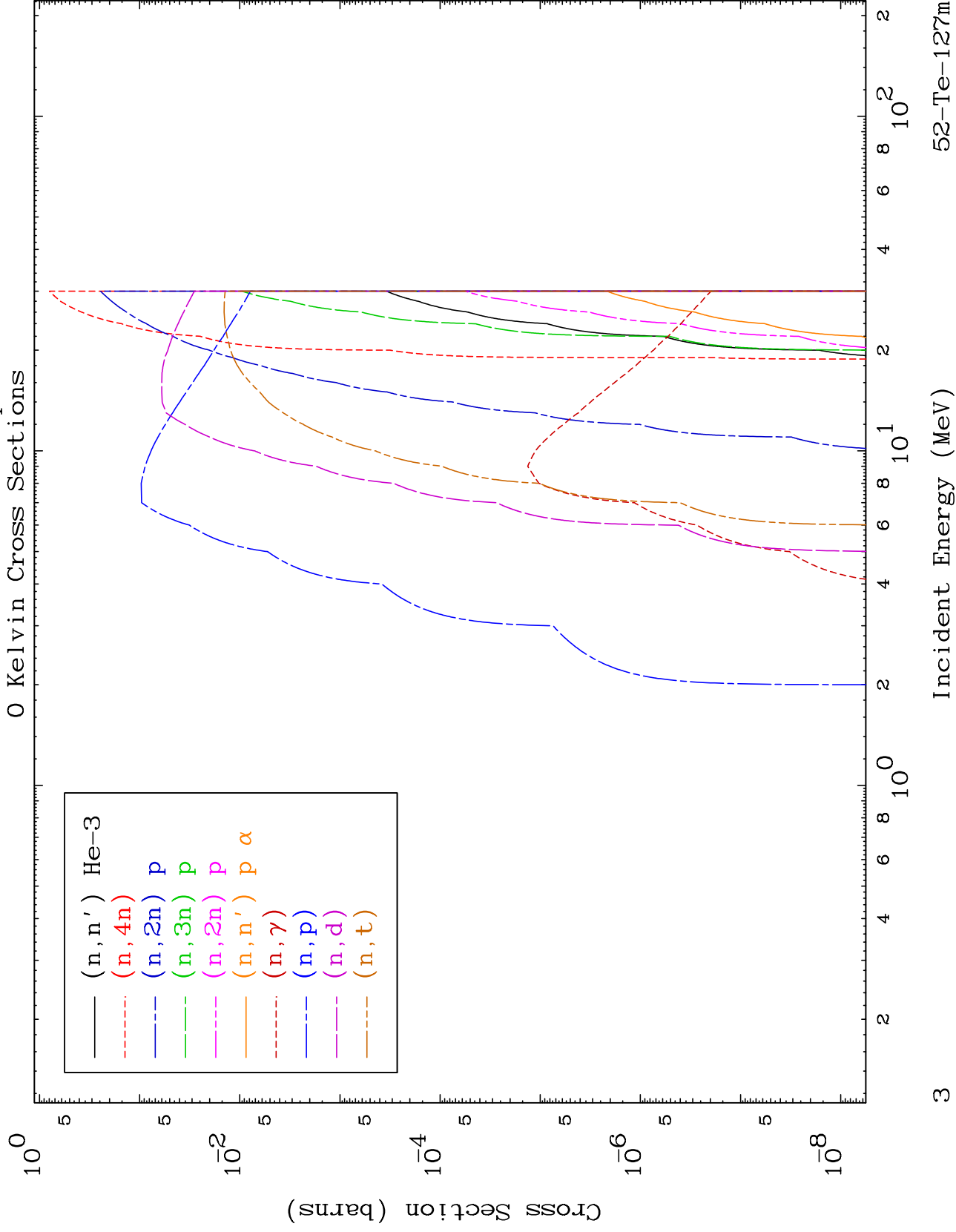
52-Te-127m



MAT 5247

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

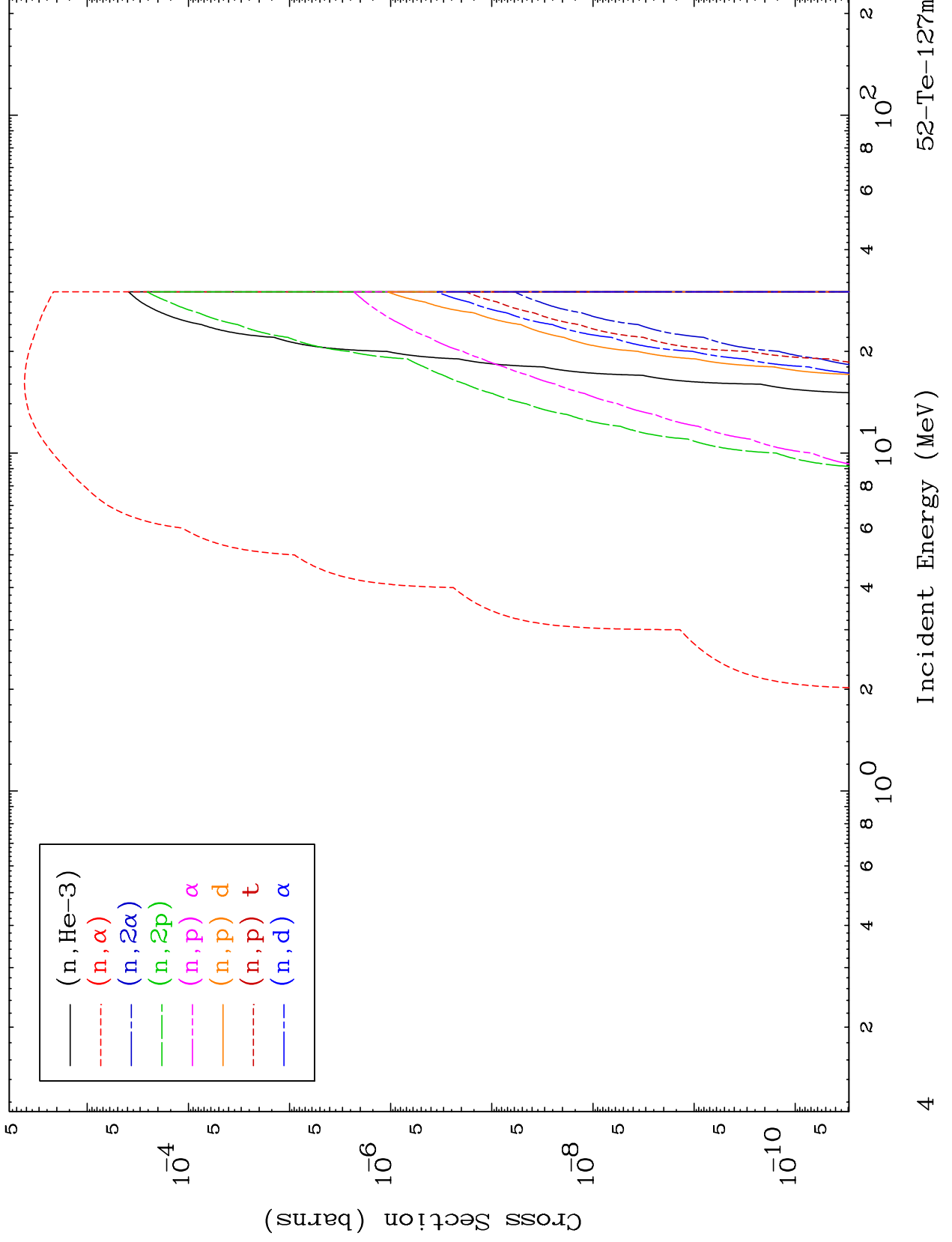
52-Te-127m

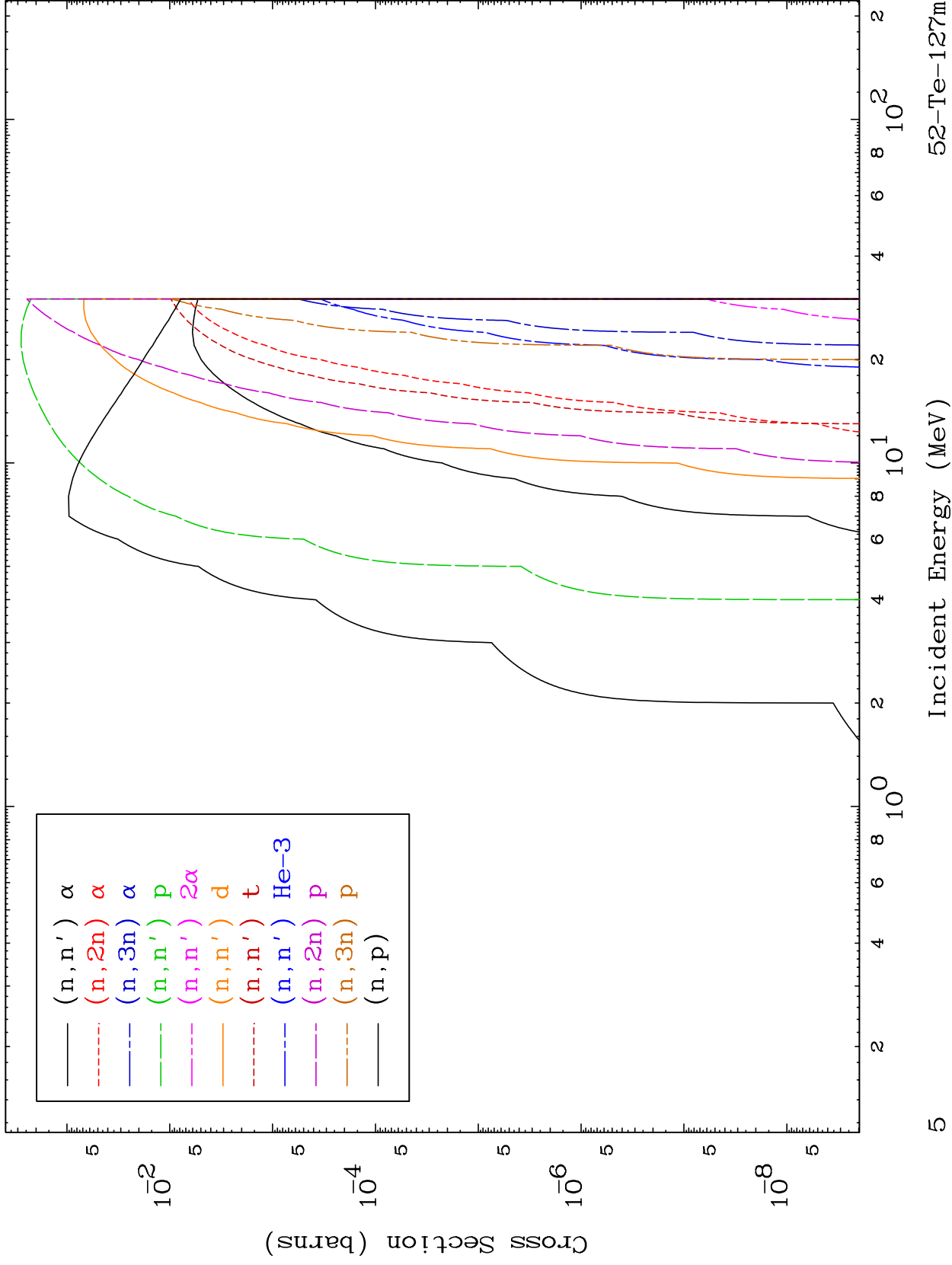


MAT 5247

Deuteron Neutron Absorption  
0 Kelvin Cross Sections

52-Te-127m

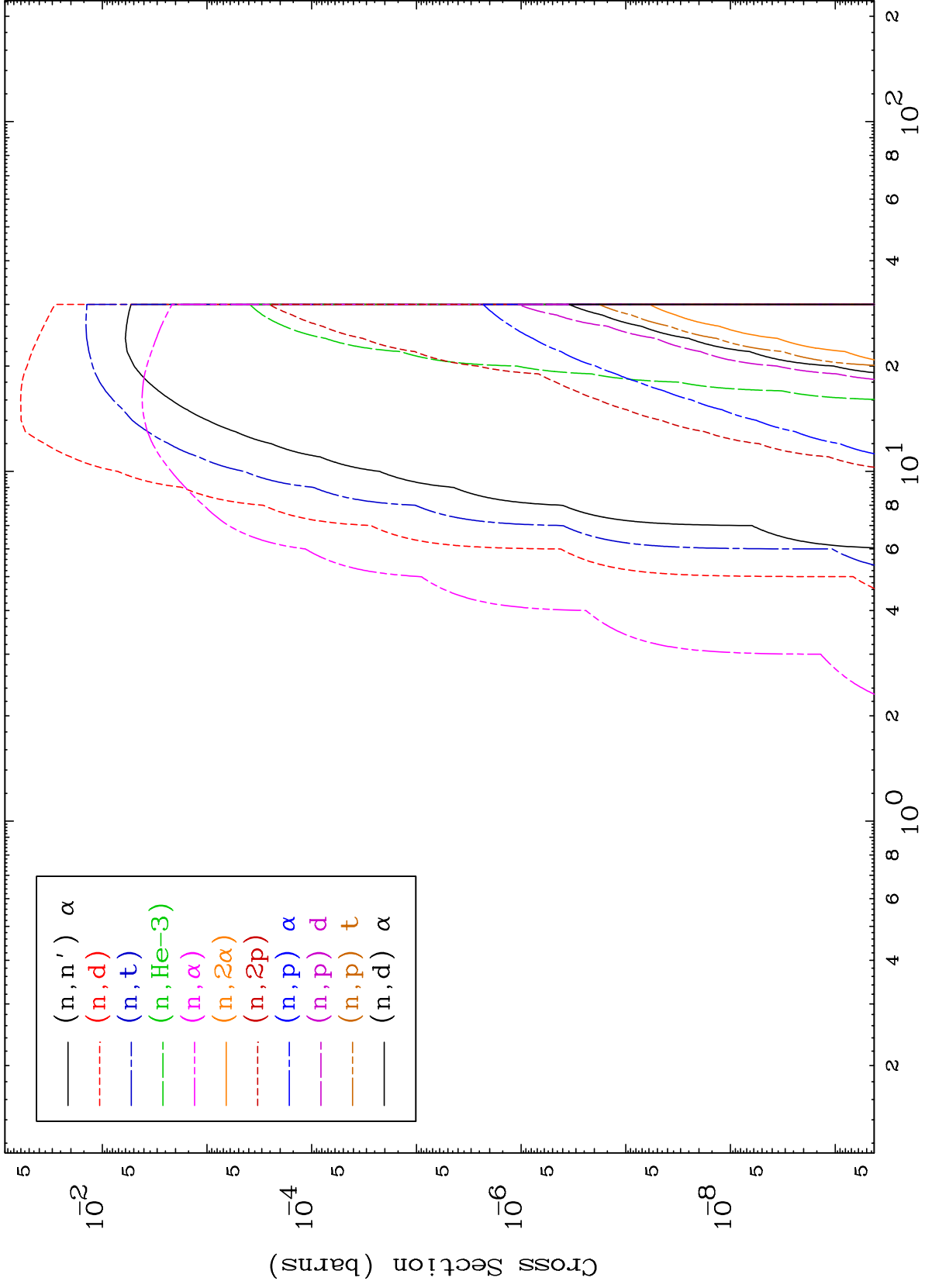




MAT 5247

Deuteron Charged Particle  
0 Kelvin Cross Sections

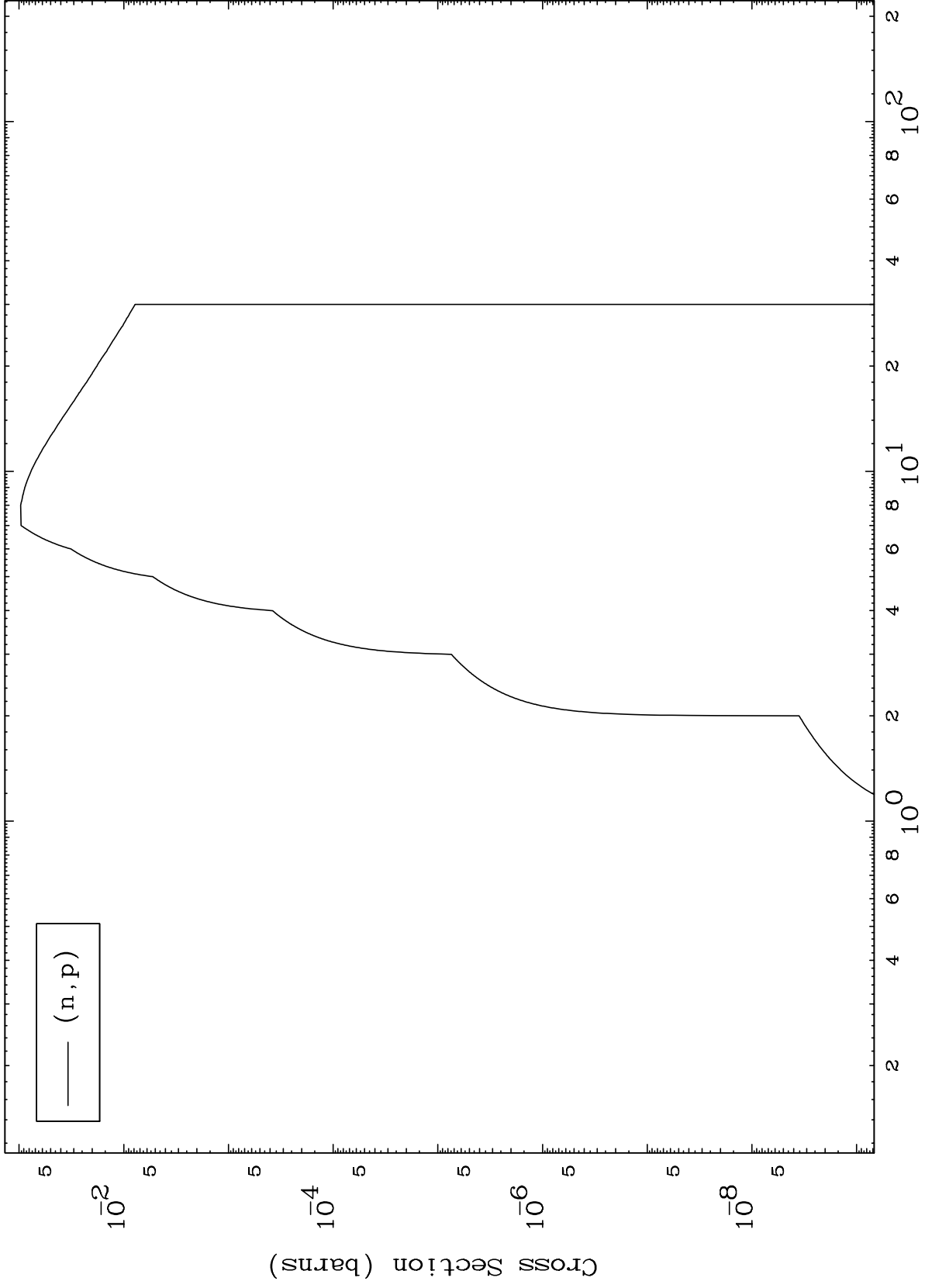
52-Te-127m



MAT 5247

(d,p) Levels  
0 Kelvin Cross Sections

52-Te-127m



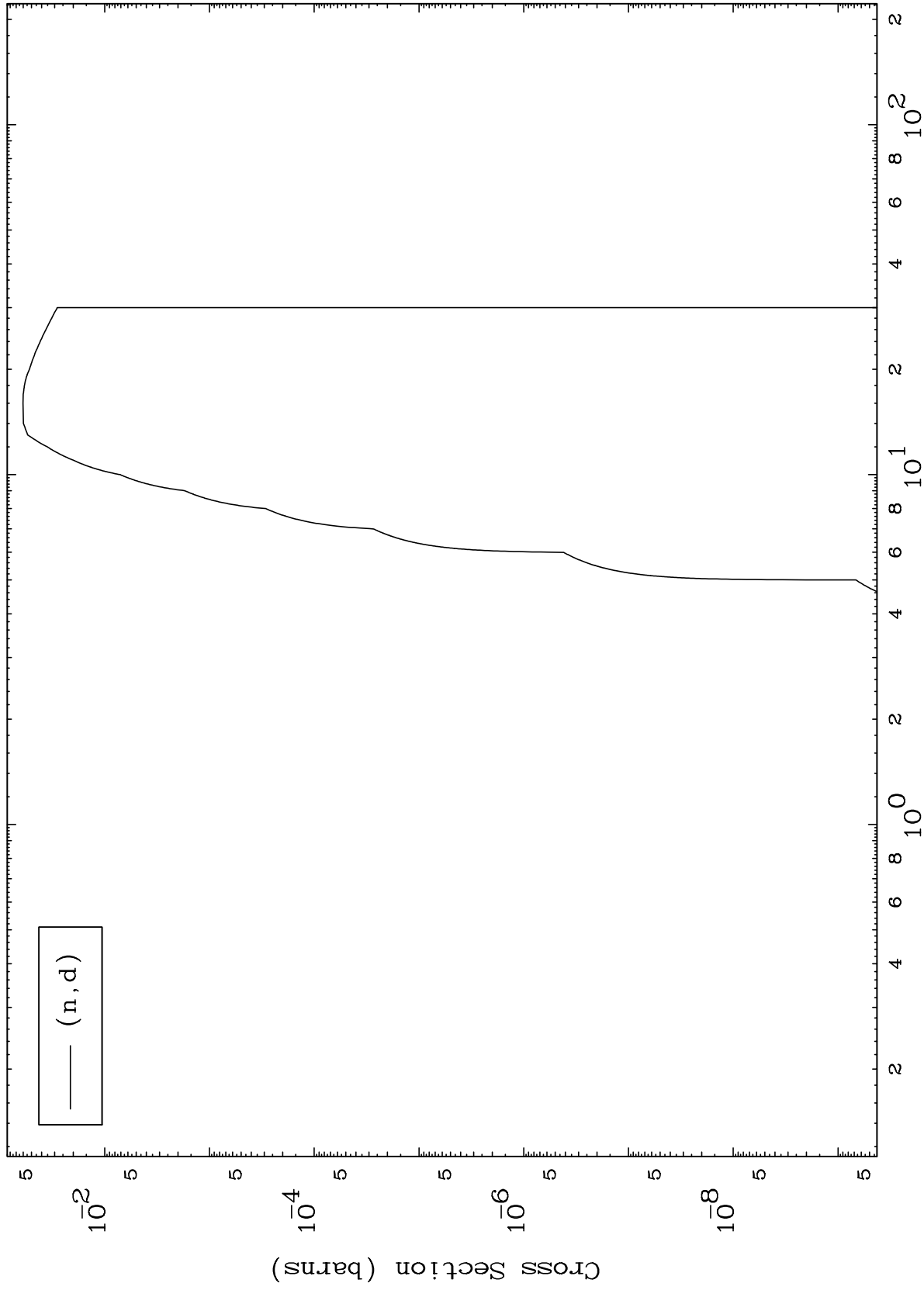


MAT 5247

(d,d) Levels

52-Te-127m

0 Kelvin Cross Sections

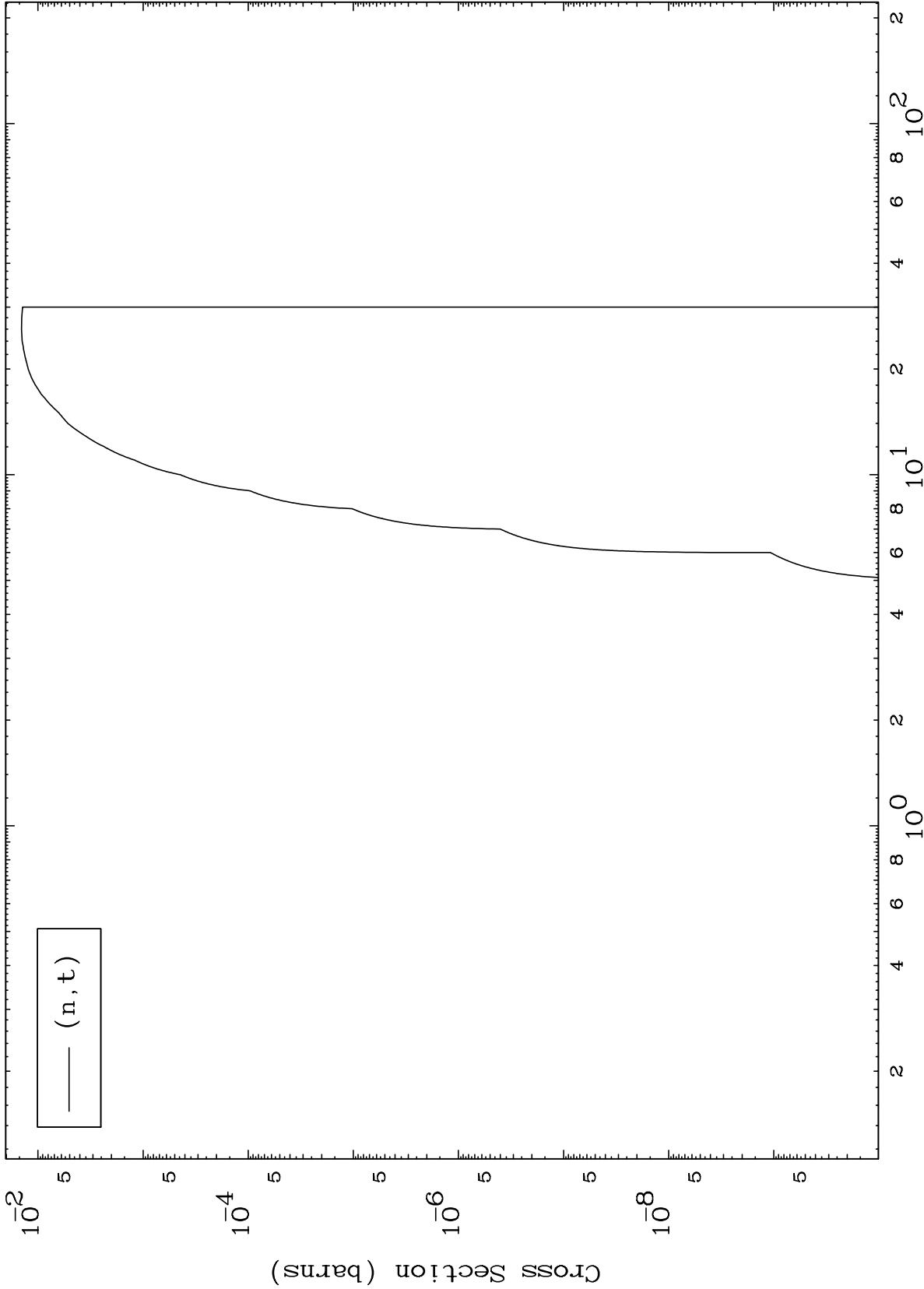


MAT 5247

(d, t) Levels

52-Te-127m

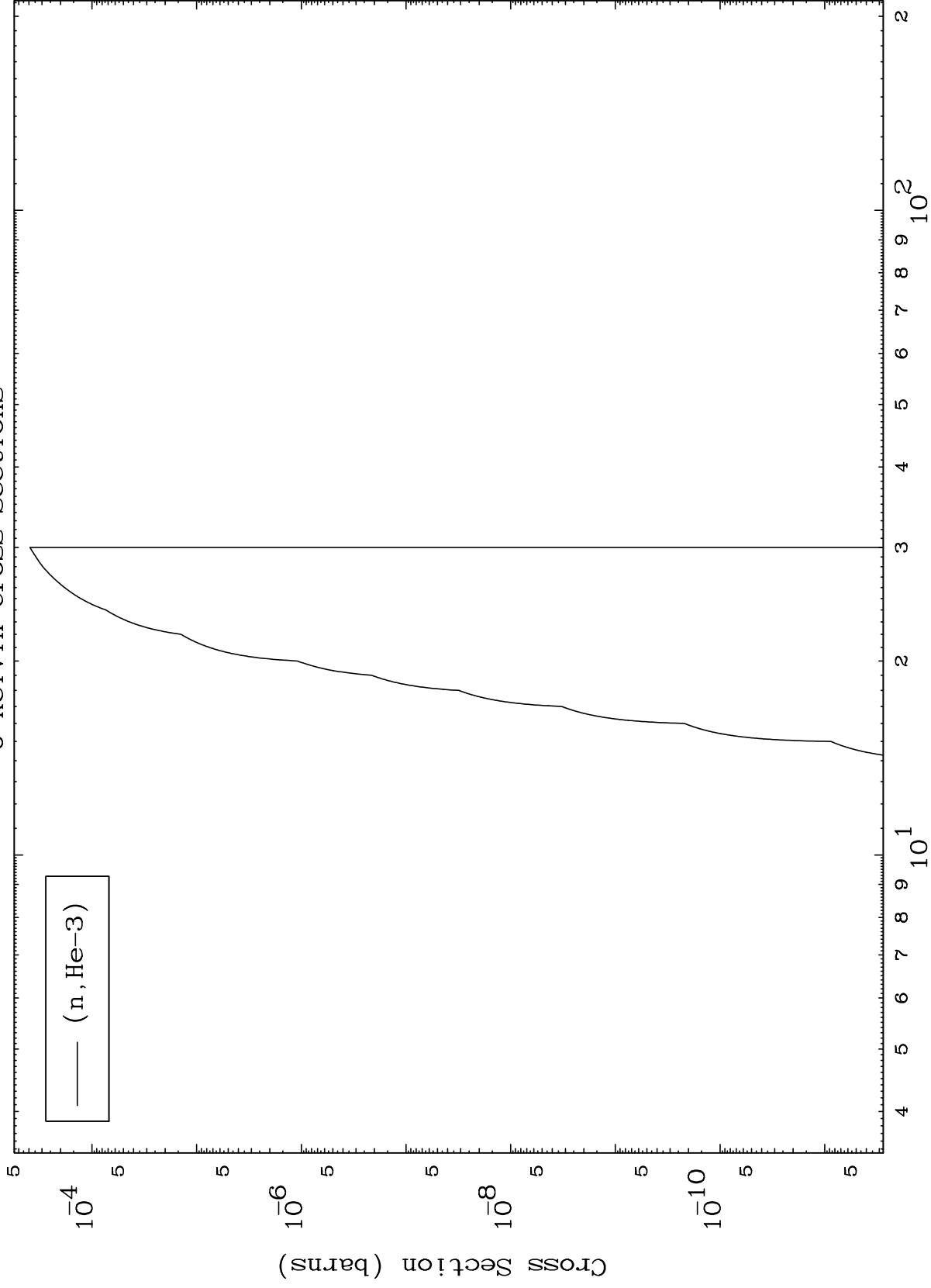
0 Kelvin Cross Sections



MAT 5247

(d,He3) Levels  
0 Kelvin Cross Sections

52-Te-127m



10

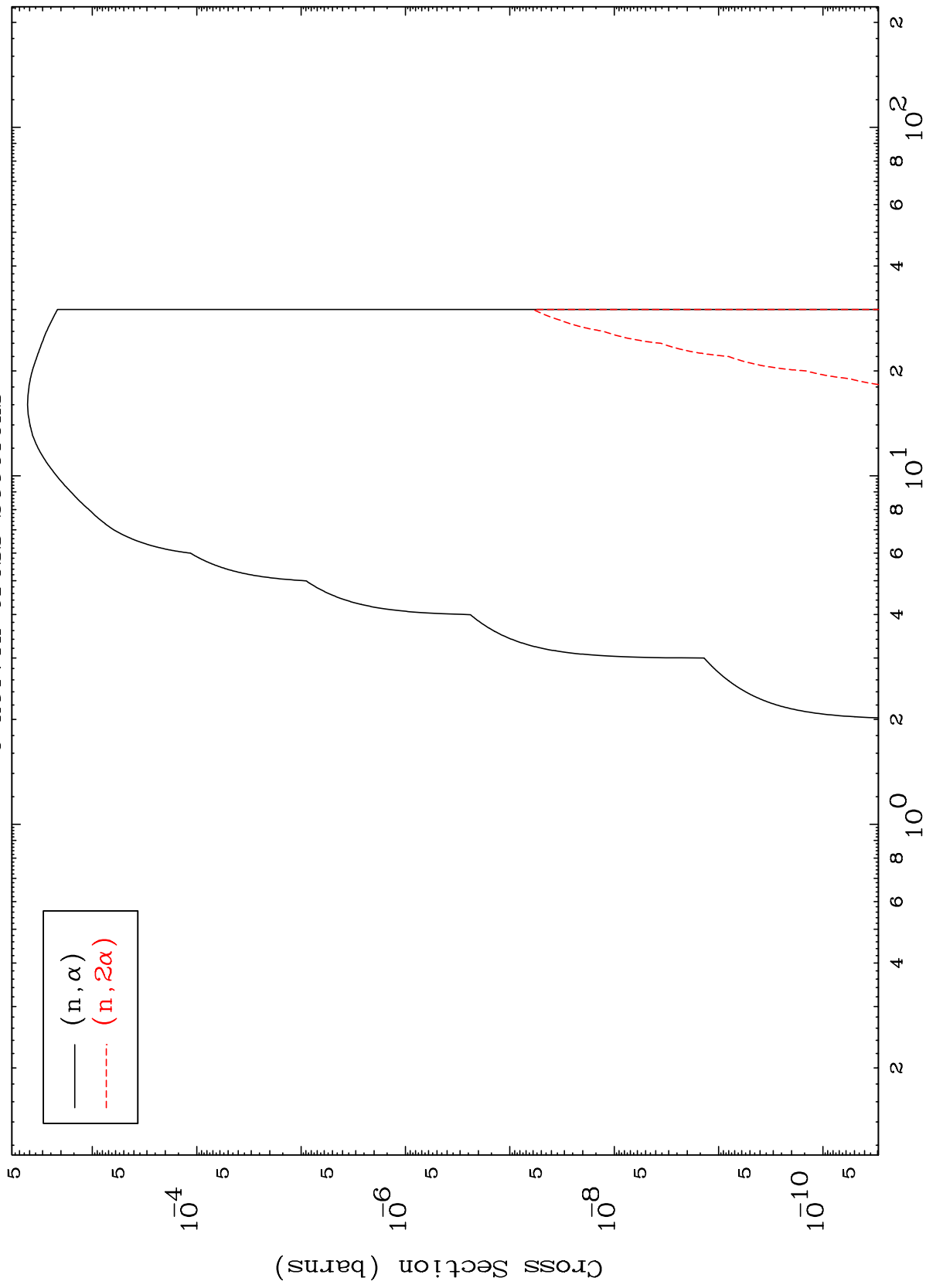
Incident Energy (MeV)

52-Te-127m

MAT 5247

52-Te-127m

(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections



52-Te-127m

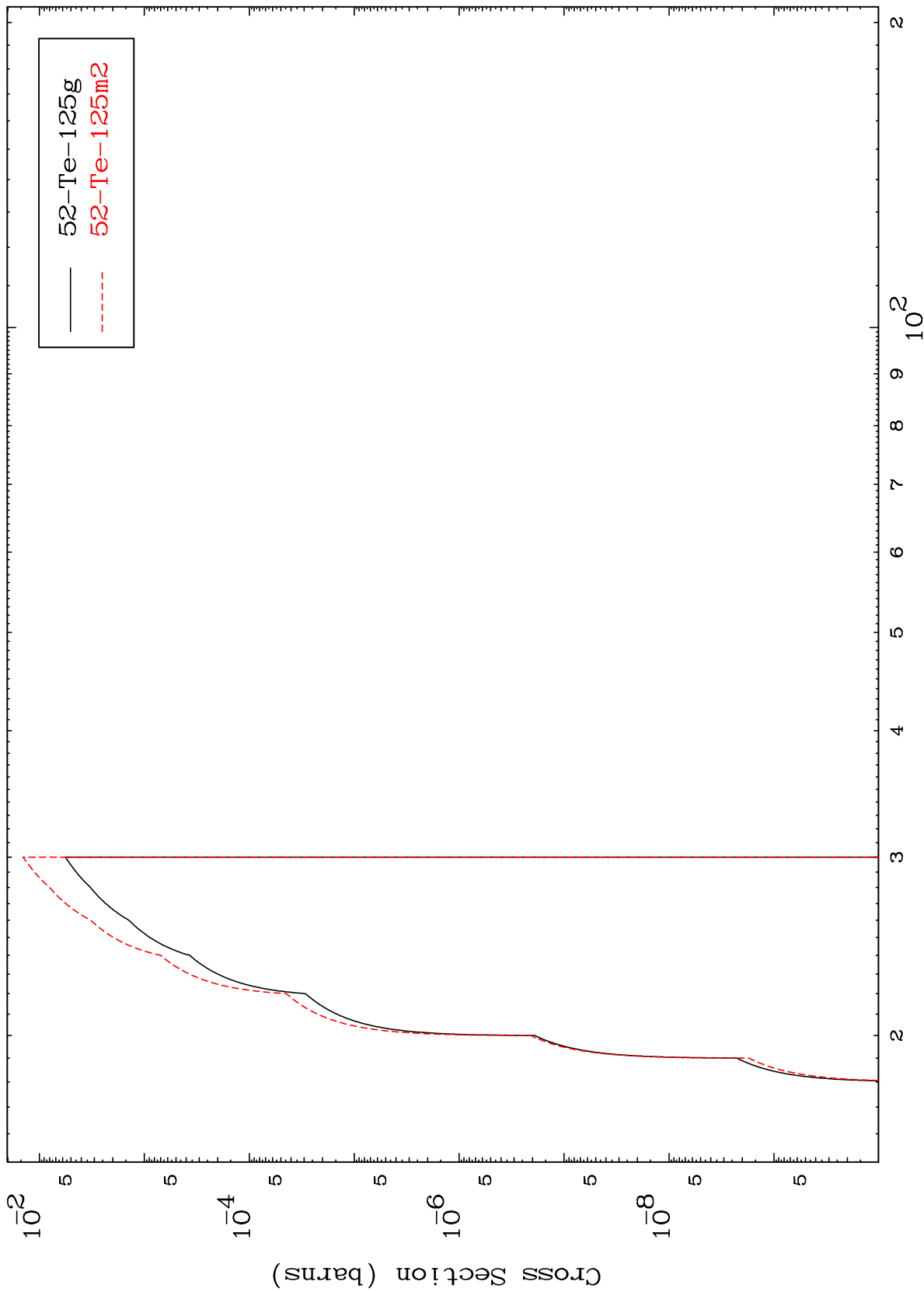
Incident Energy (MeV)

MAT 5247

(n,2n) d

52-Te-127m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

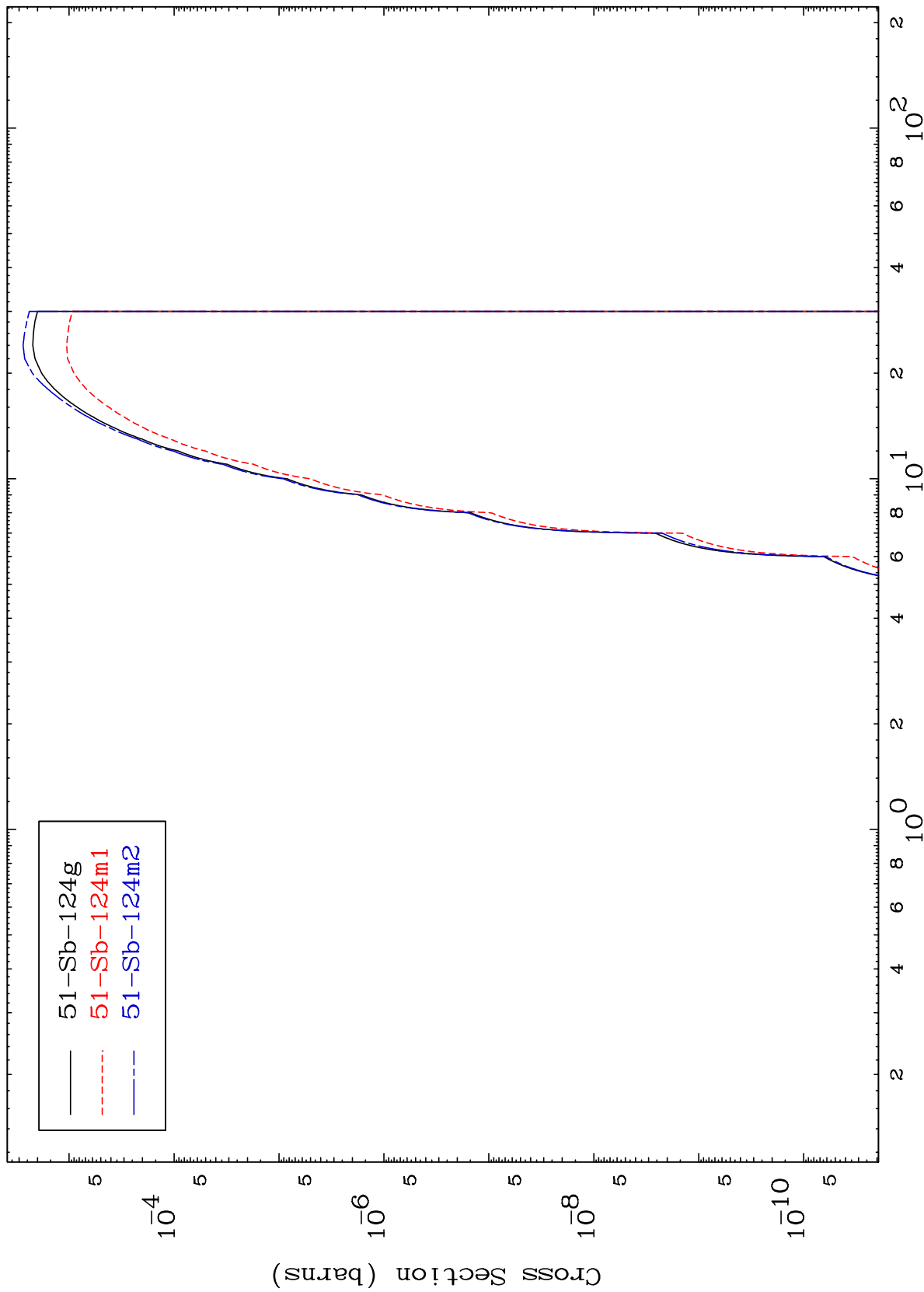
52-Te-127m

MAT 5247

$(n, n') \alpha$

52-Te-127m

Radionuclide Production Cross Section

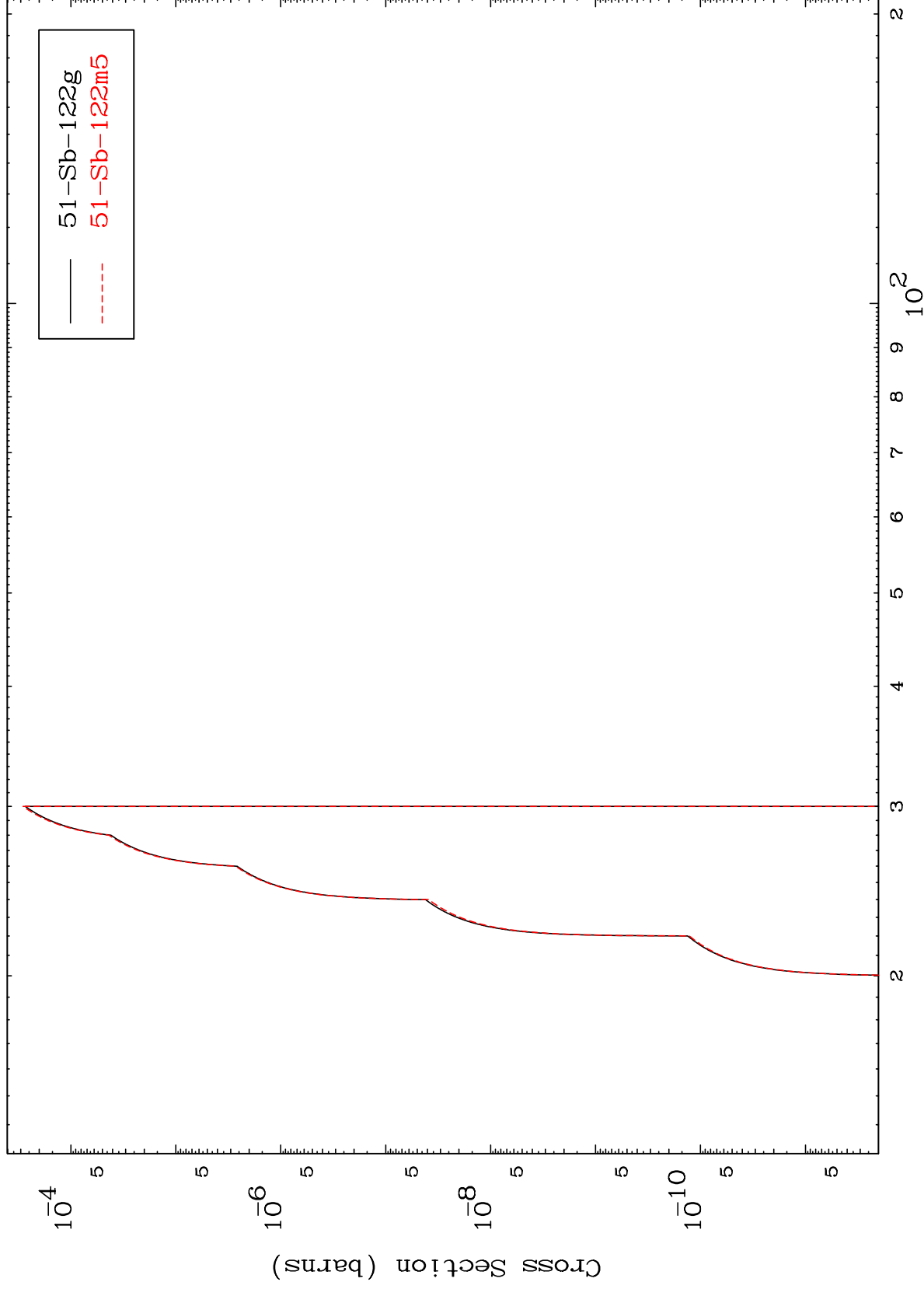


MAT 5247

(n,3n)  $\alpha$

52-Te-127m

Radionuclide Production Cross Section



14

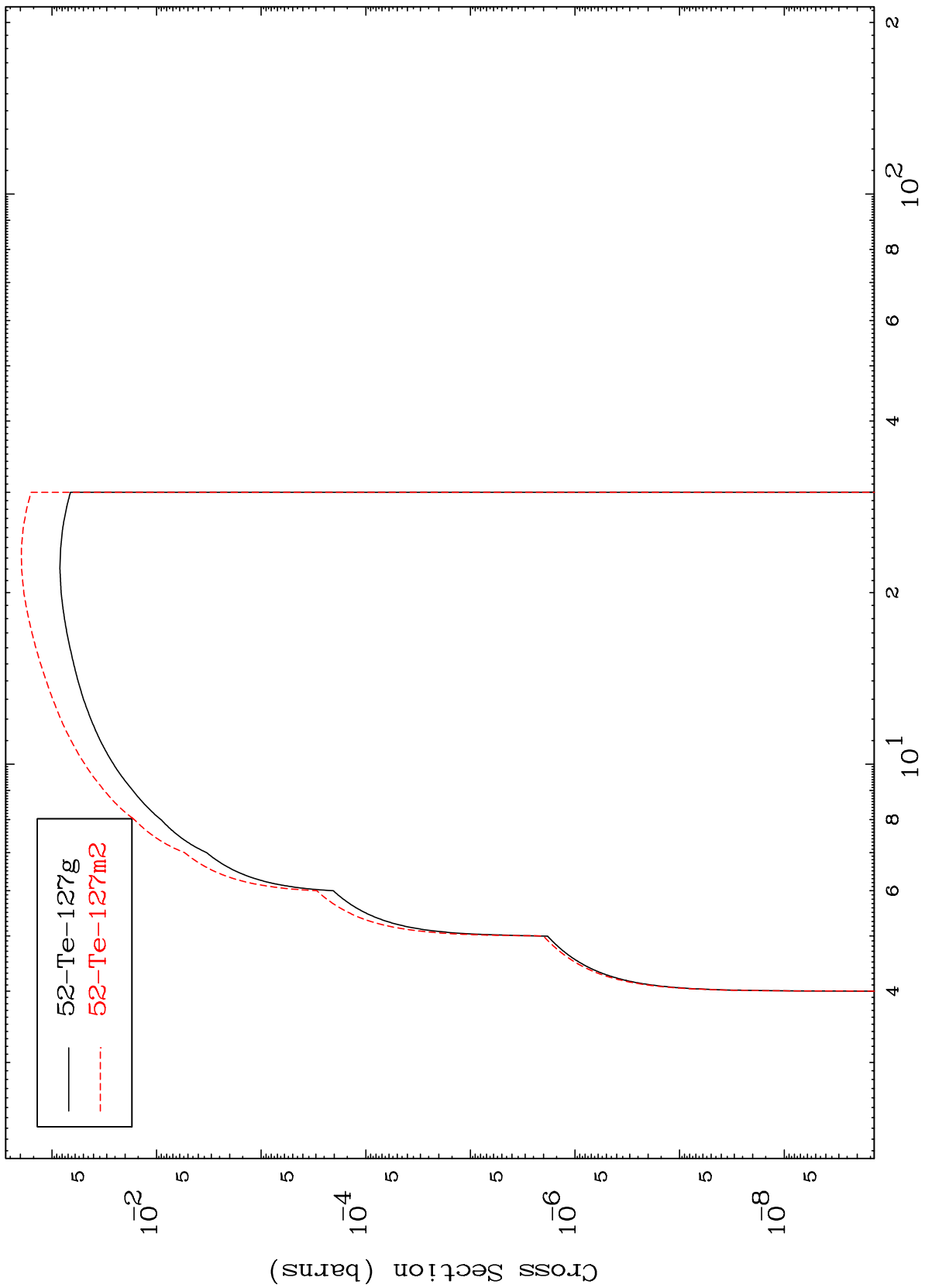
Incident Energy (MeV)

52-Te-127m

MAT 5247

52-Te-127m

Radionuclide Production Cross Section



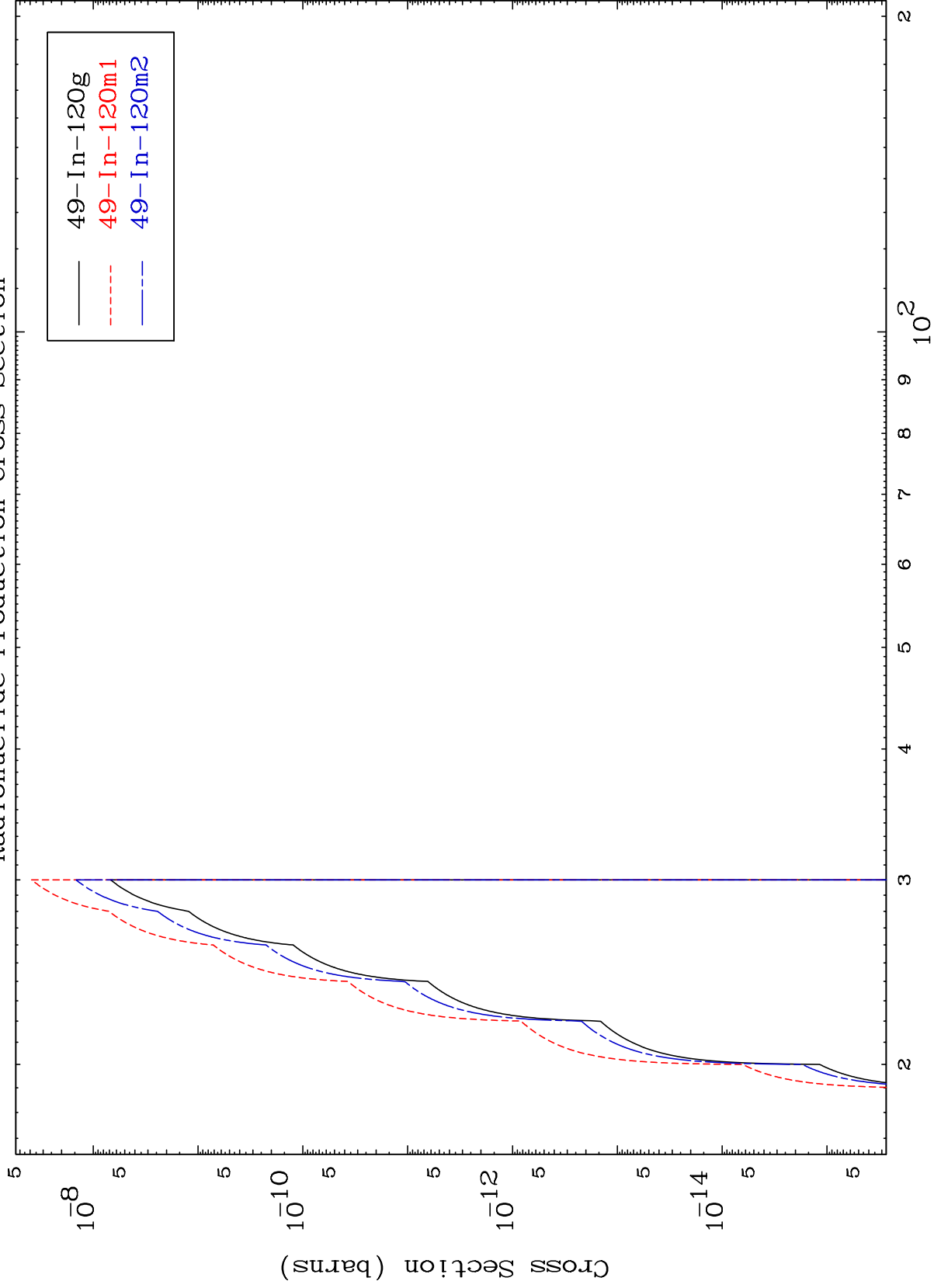


MAT 5247

(n,n') 2α

52-Te-127m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

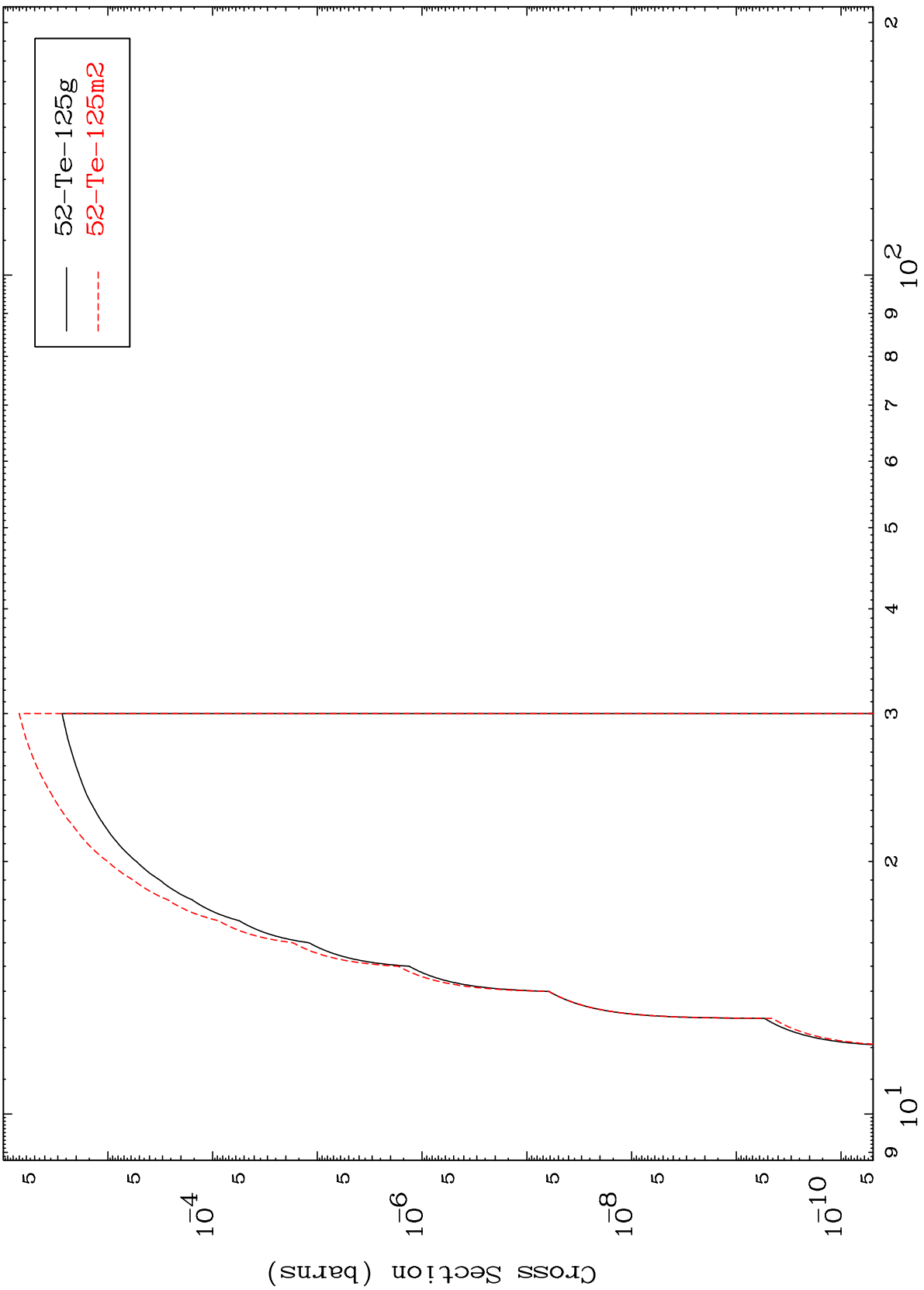
52-Te-127m

MAT 5247

(n,n') t

52-Te-127m

Radionuclide Production Cross Section



Incident Energy (MeV)

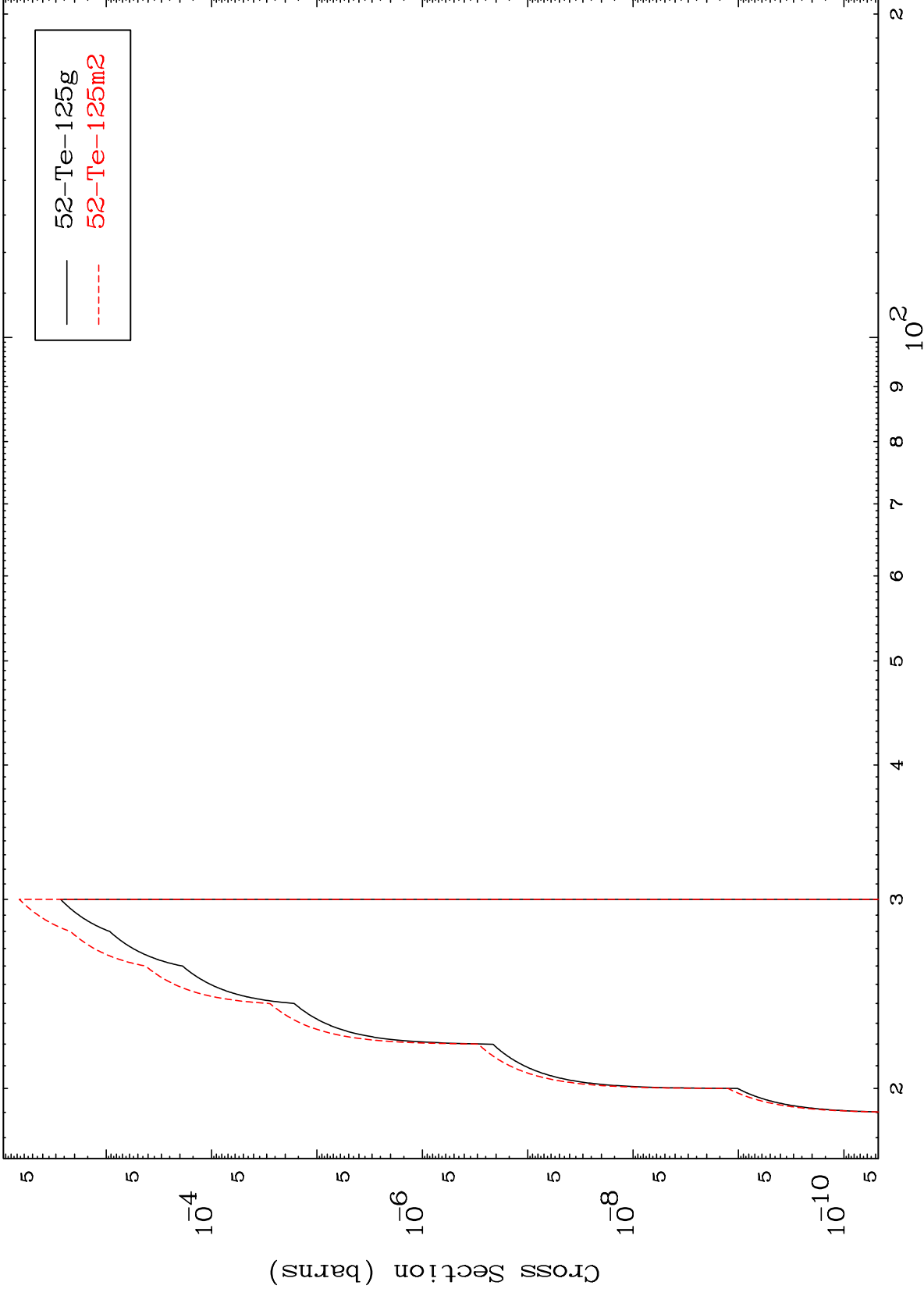
52-Te-127m

MAT 5247

(n,3n) p

52-Te-127m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

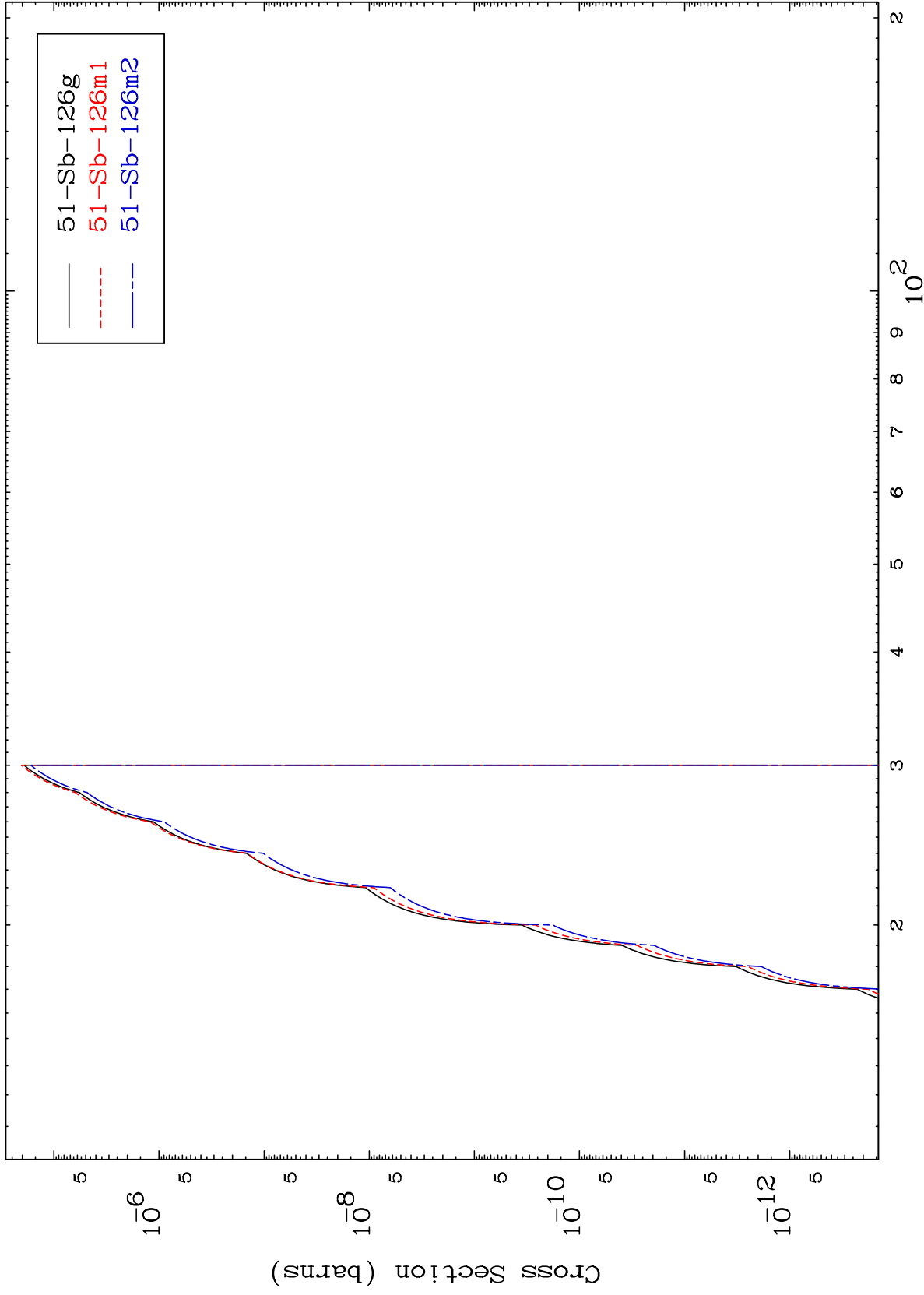
52-Te-127m

MAT 5247

(n,2n) p

52-Te-127m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

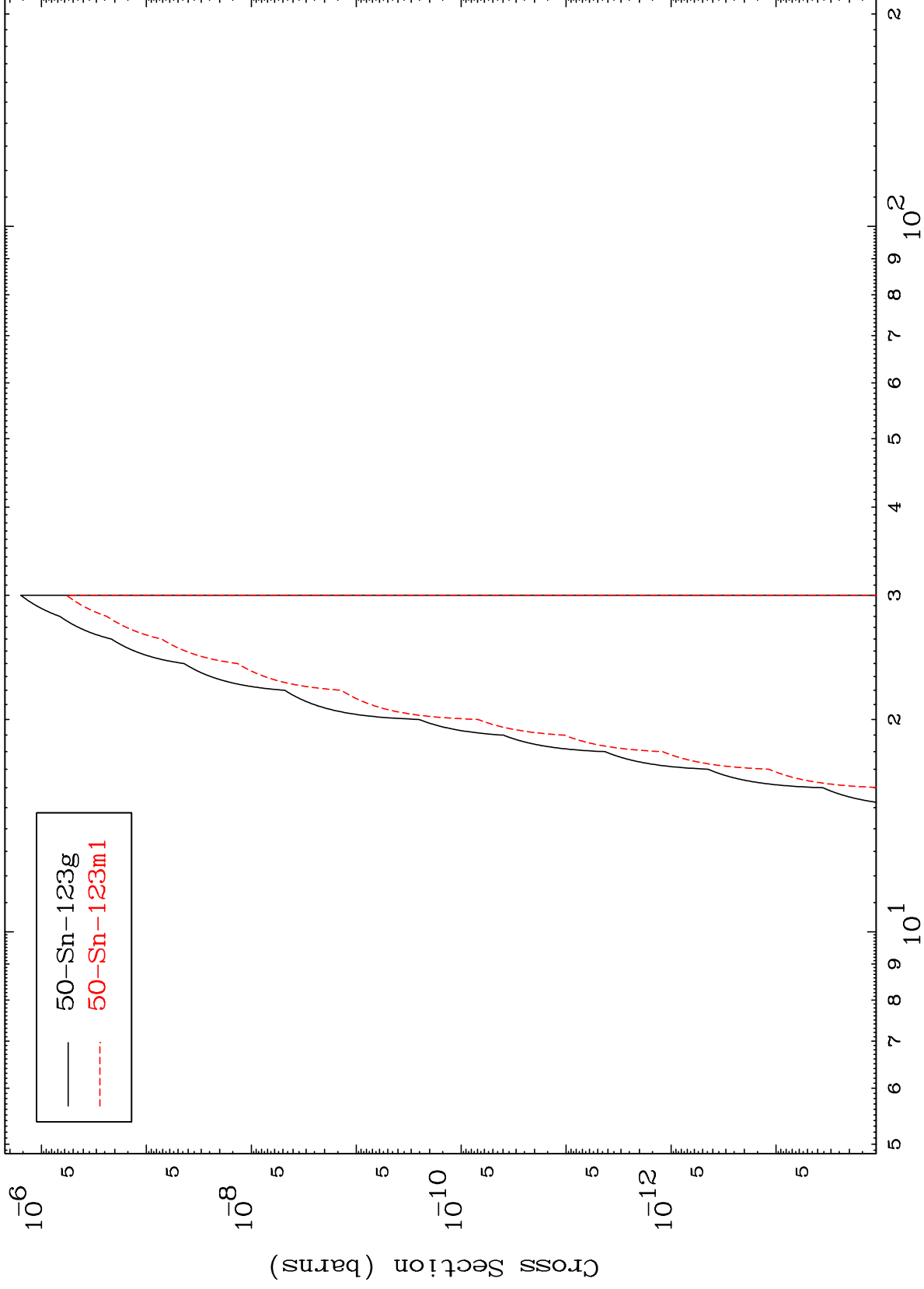
52-Te-127m

MAT 5247

(n,n') p  $\alpha$

52-Te-127m

Radionuclide Production Cross Section



50-Sn-123g  
50-Sn-123m1

Incident Energy (MeV)

52-Te-127m

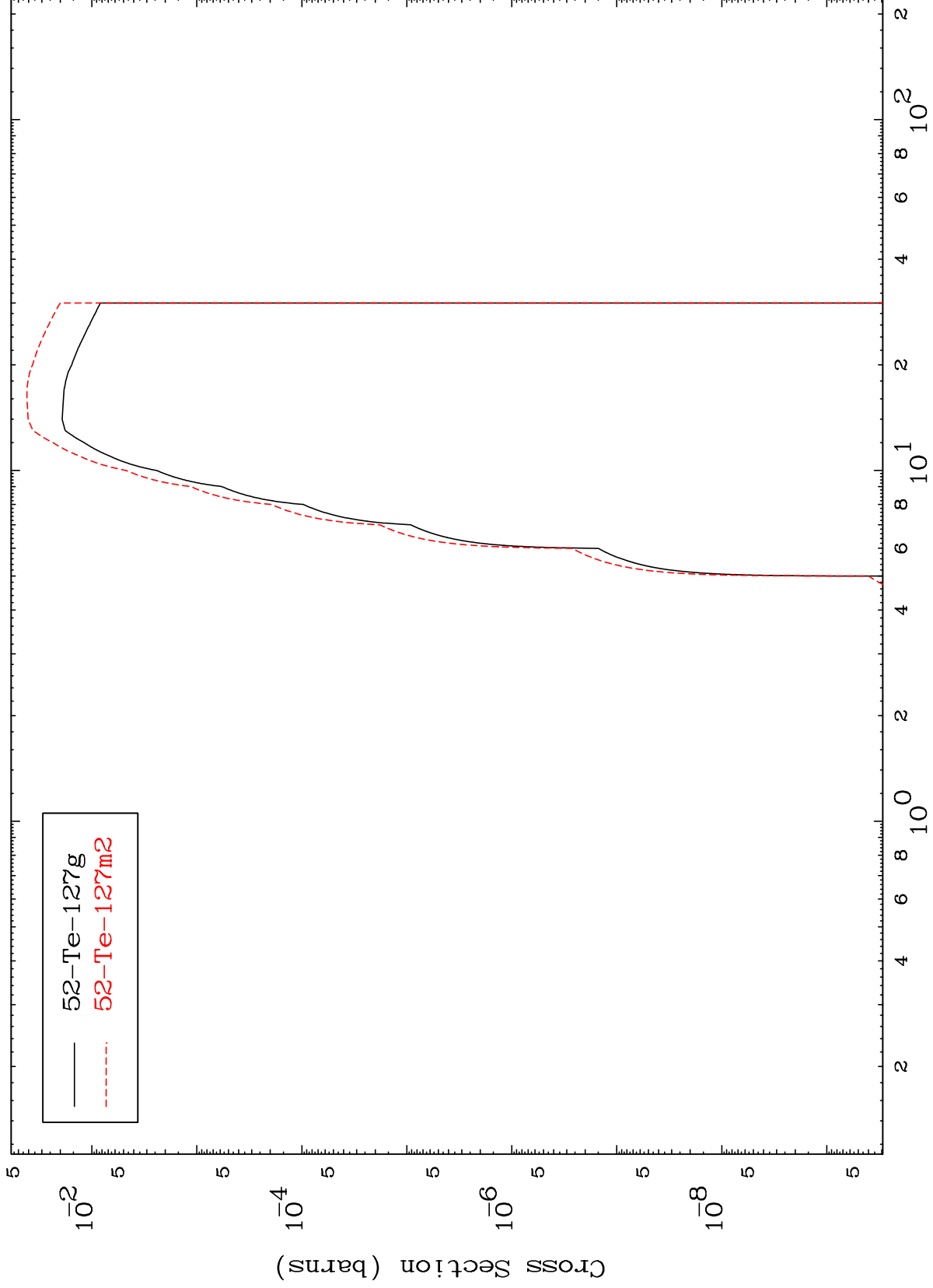
20

MAT 5247

(n,d)

52-Te-127m

Radionuclide Production Cross Section

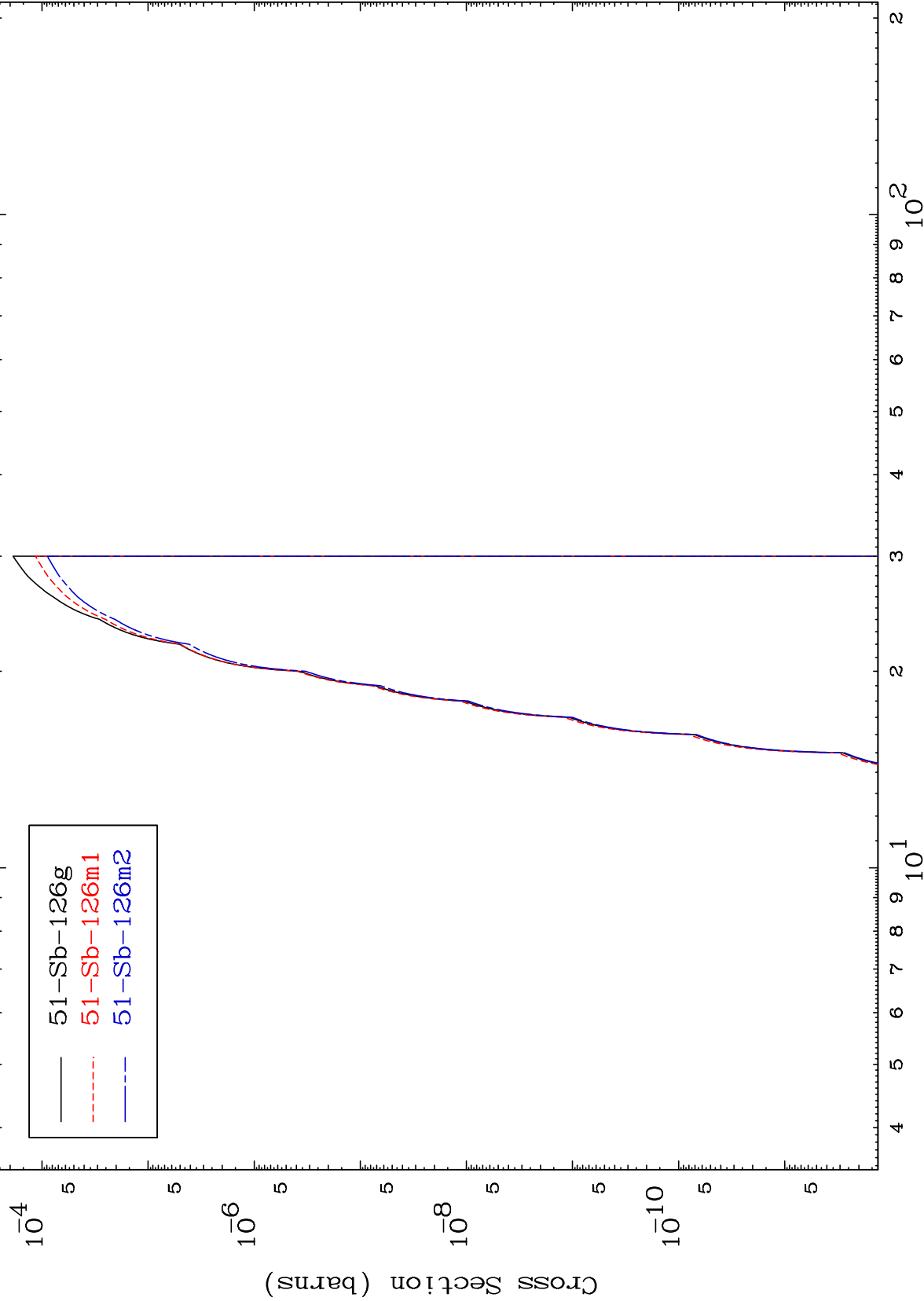


MAT 5247

(n,He-3)

52-Te-127m

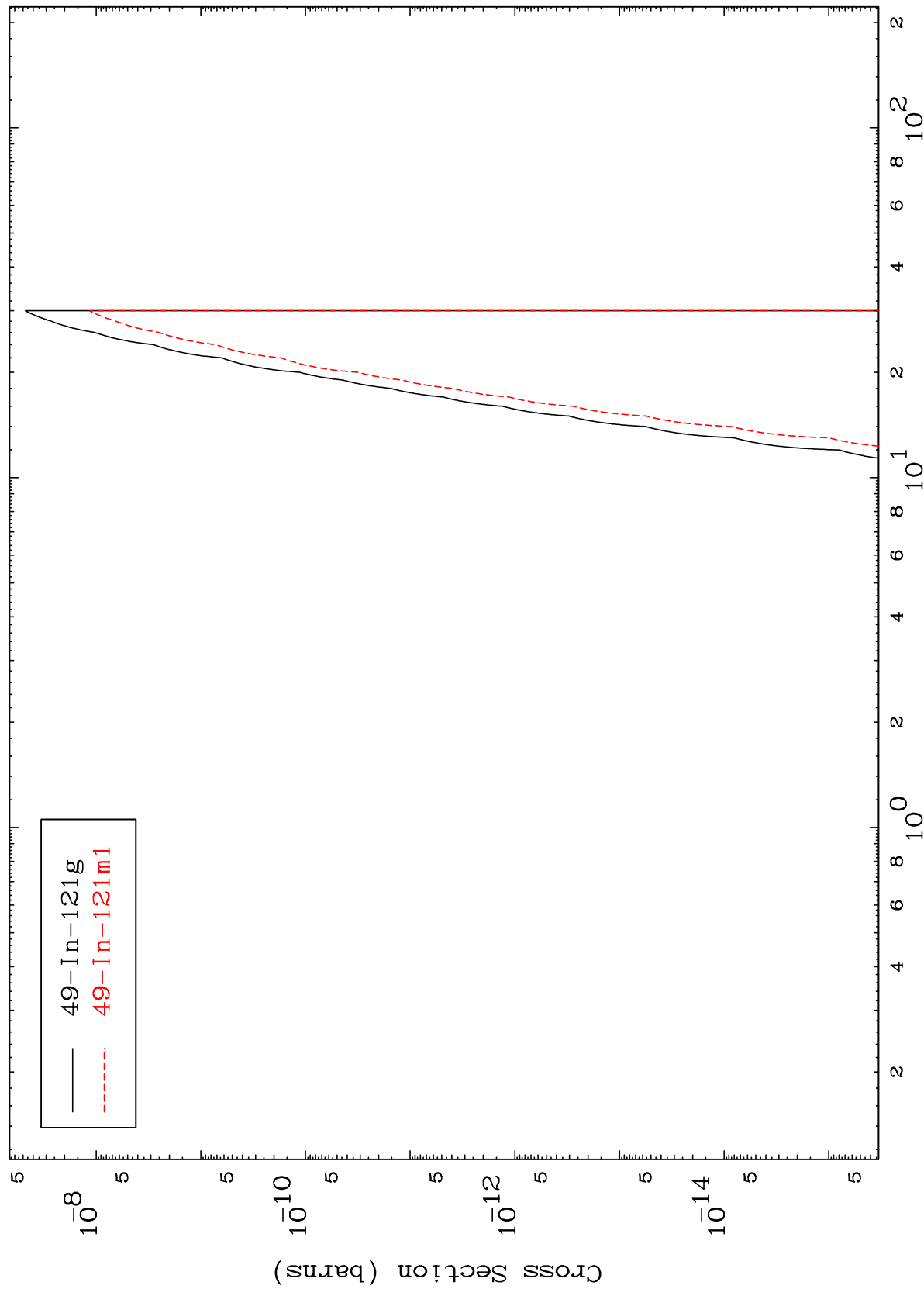
Radionuclide Production Cross Section



MAT 5247

52-Te-127m

Radionuclide Production Cross Section  
(n,2 $\alpha$ )



— 49-In-121g  
- - - 49-In-121m1

52-Te-127m

Incident Energy (MeV)

23

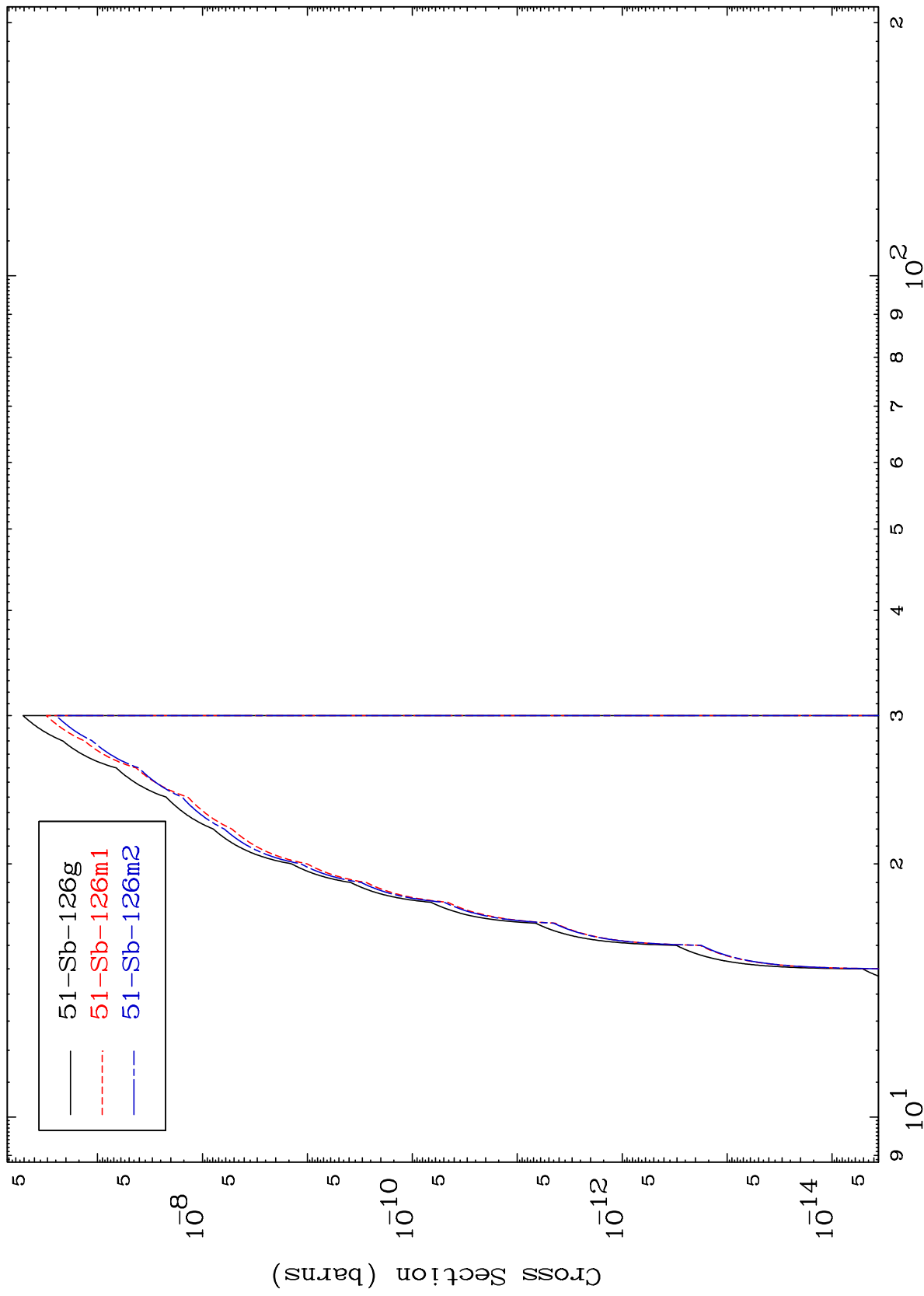


MAT 5247

(n,p) d

52-Te-127m

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-127m

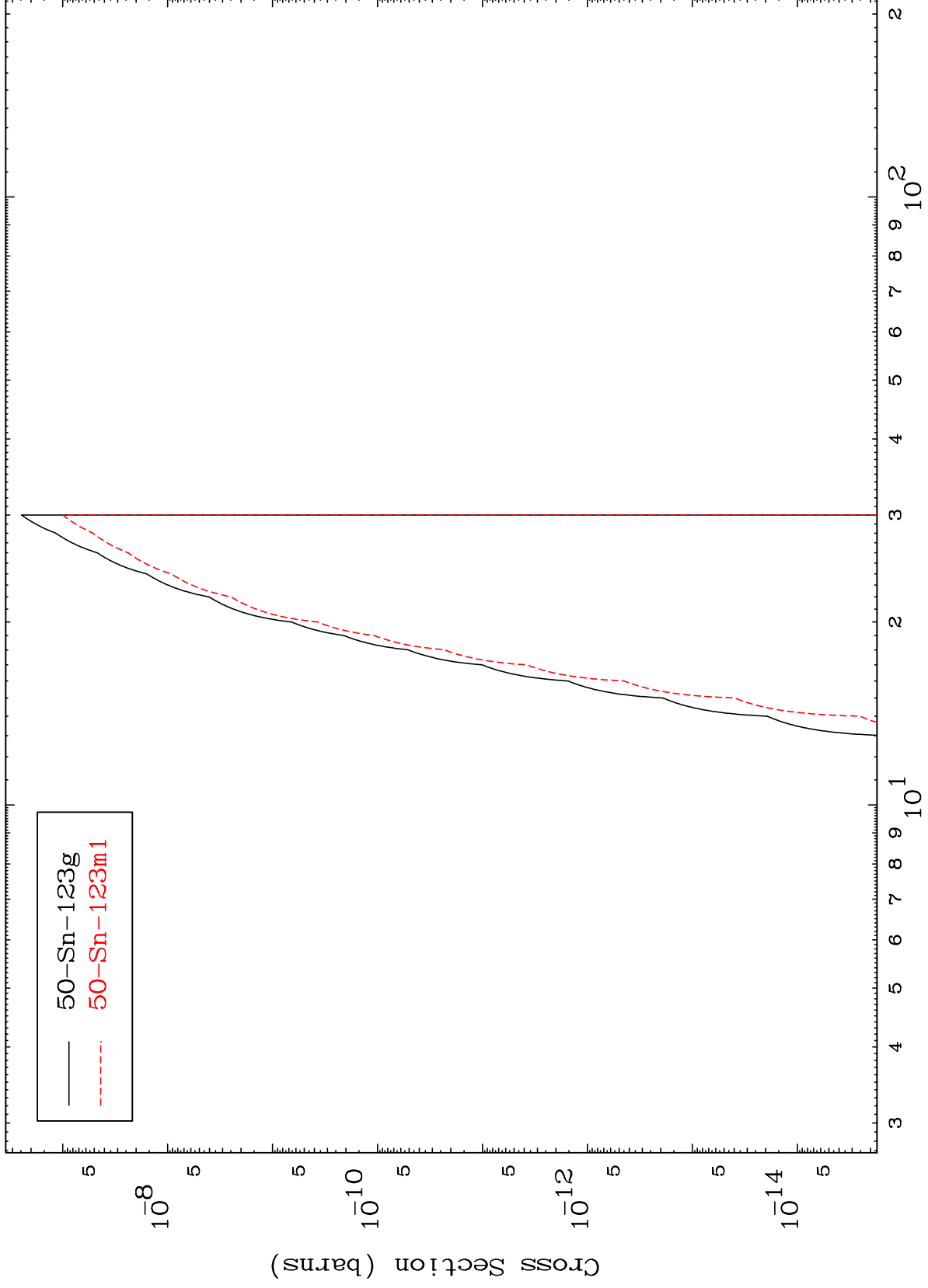
24

MAT 5247

(n,d)  $\alpha$

52-Te-127m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

52-Te-127m