

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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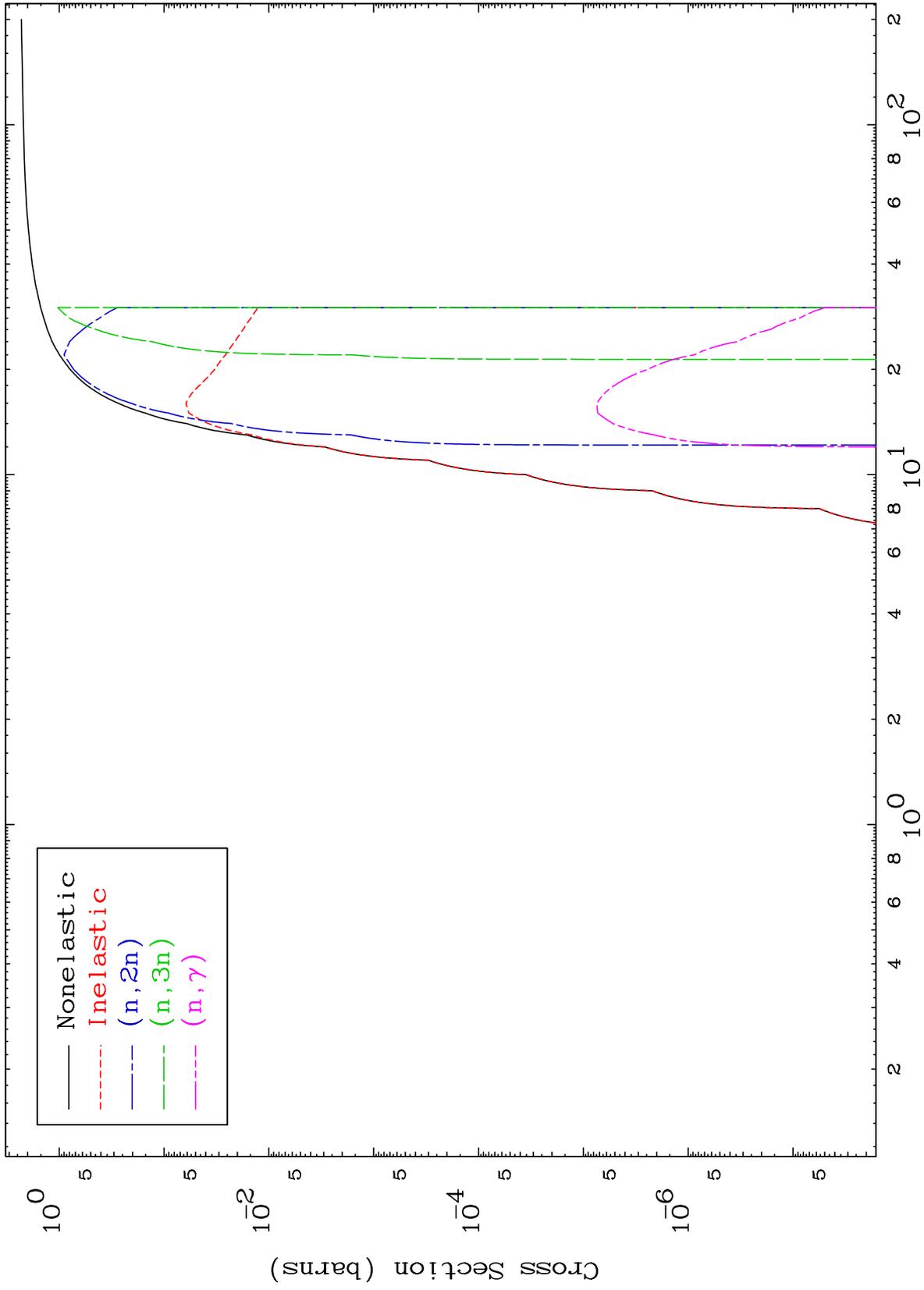
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5255

0 Kelvin  $\alpha$  Major  
Cross Sections

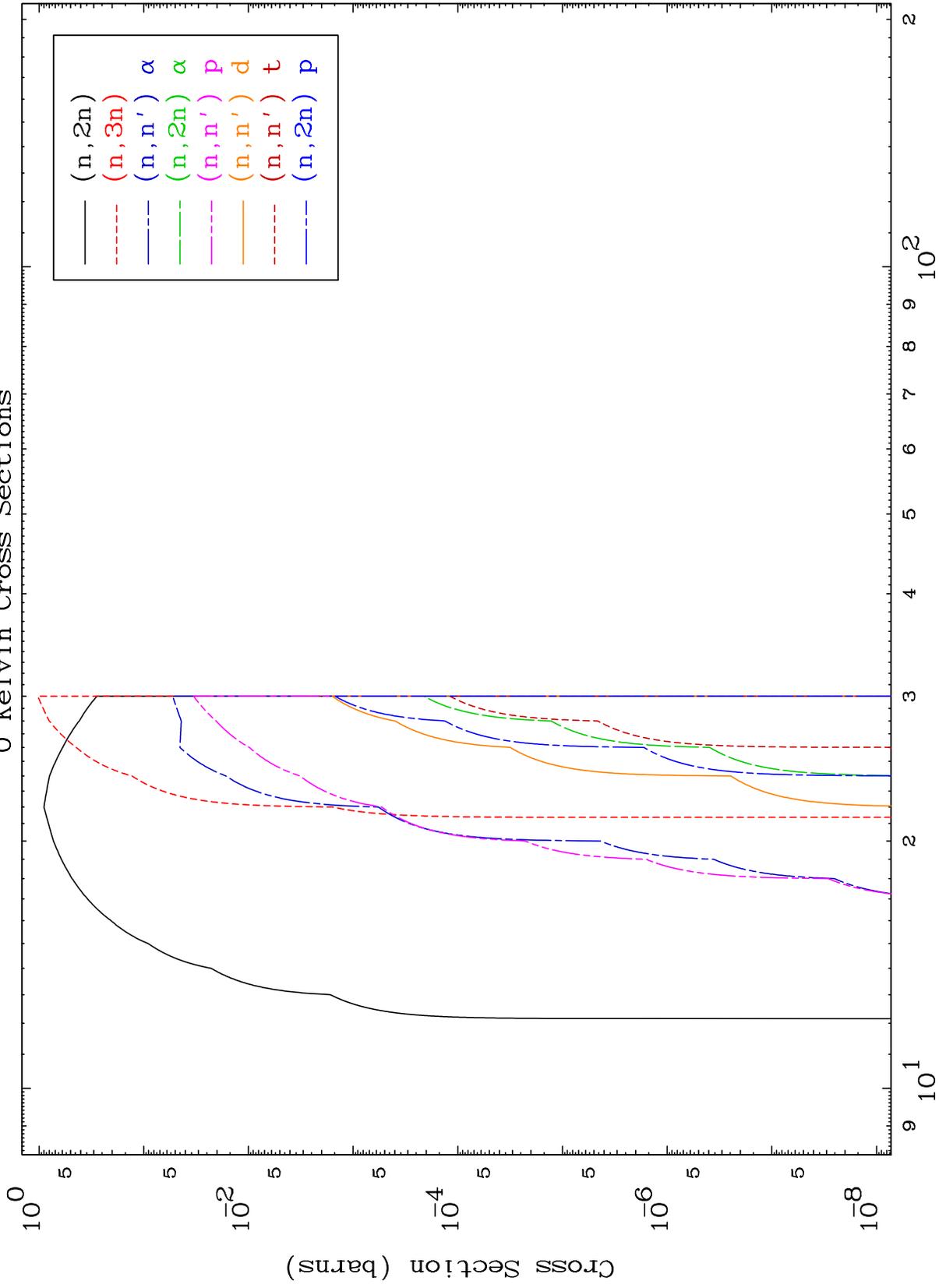
52-Te-130



MAT 5255

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

52-Te-130



2

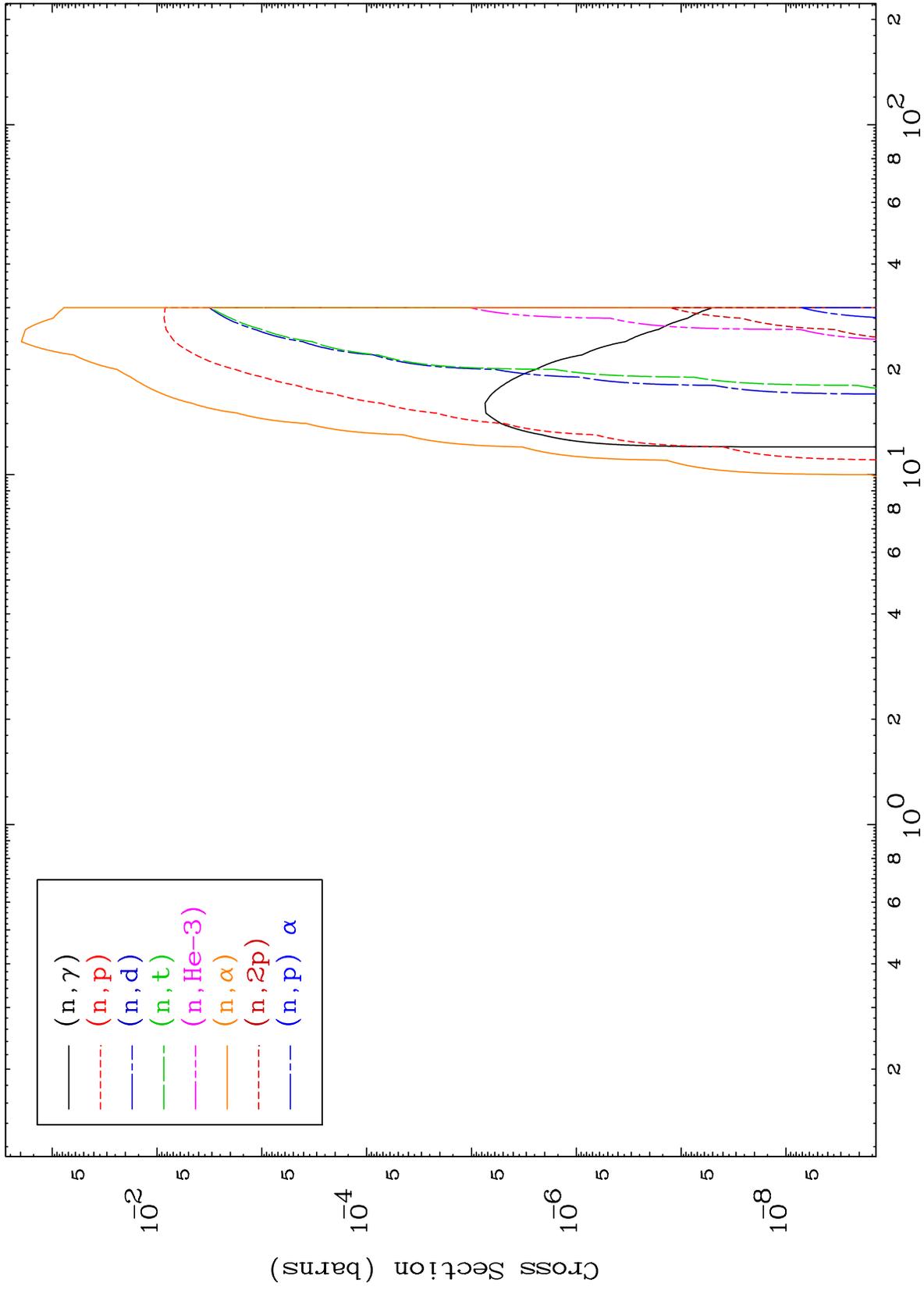
Incident Energy (MeV)

52-Te-130

MAT 5255

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

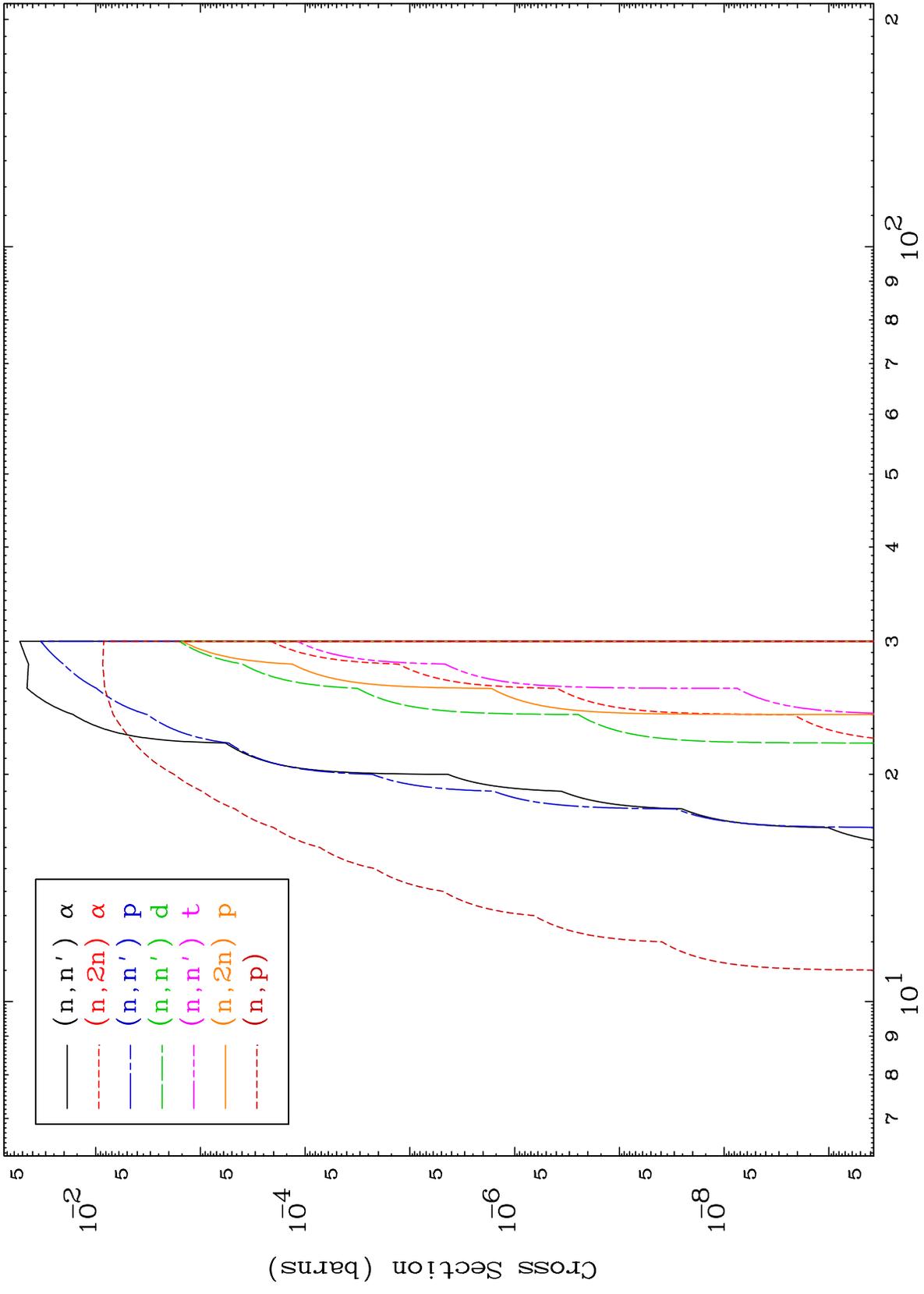
52-Te-130



3

Incident Energy (MeV)

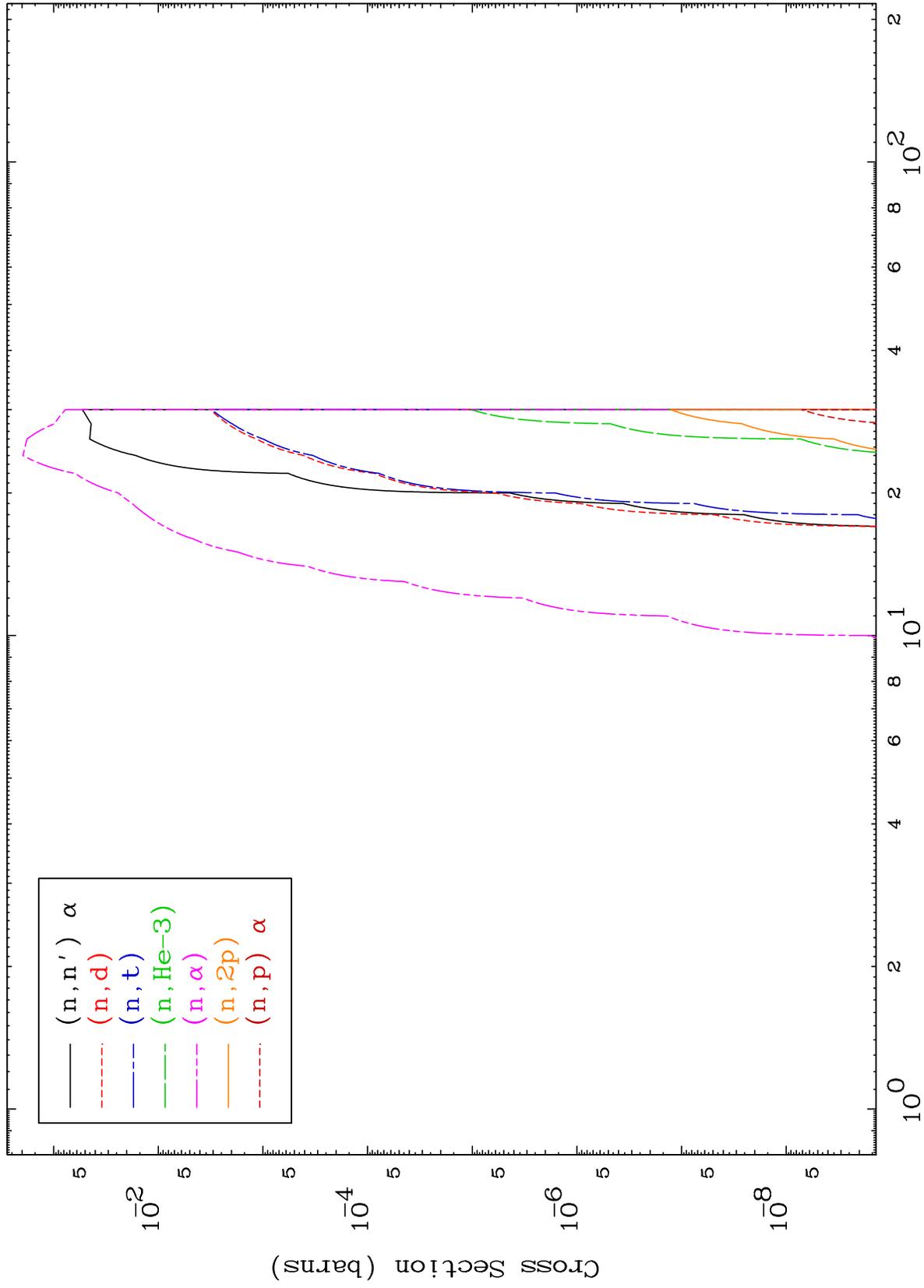
52-Te-130



MAT 5255

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

52-Te-130



5

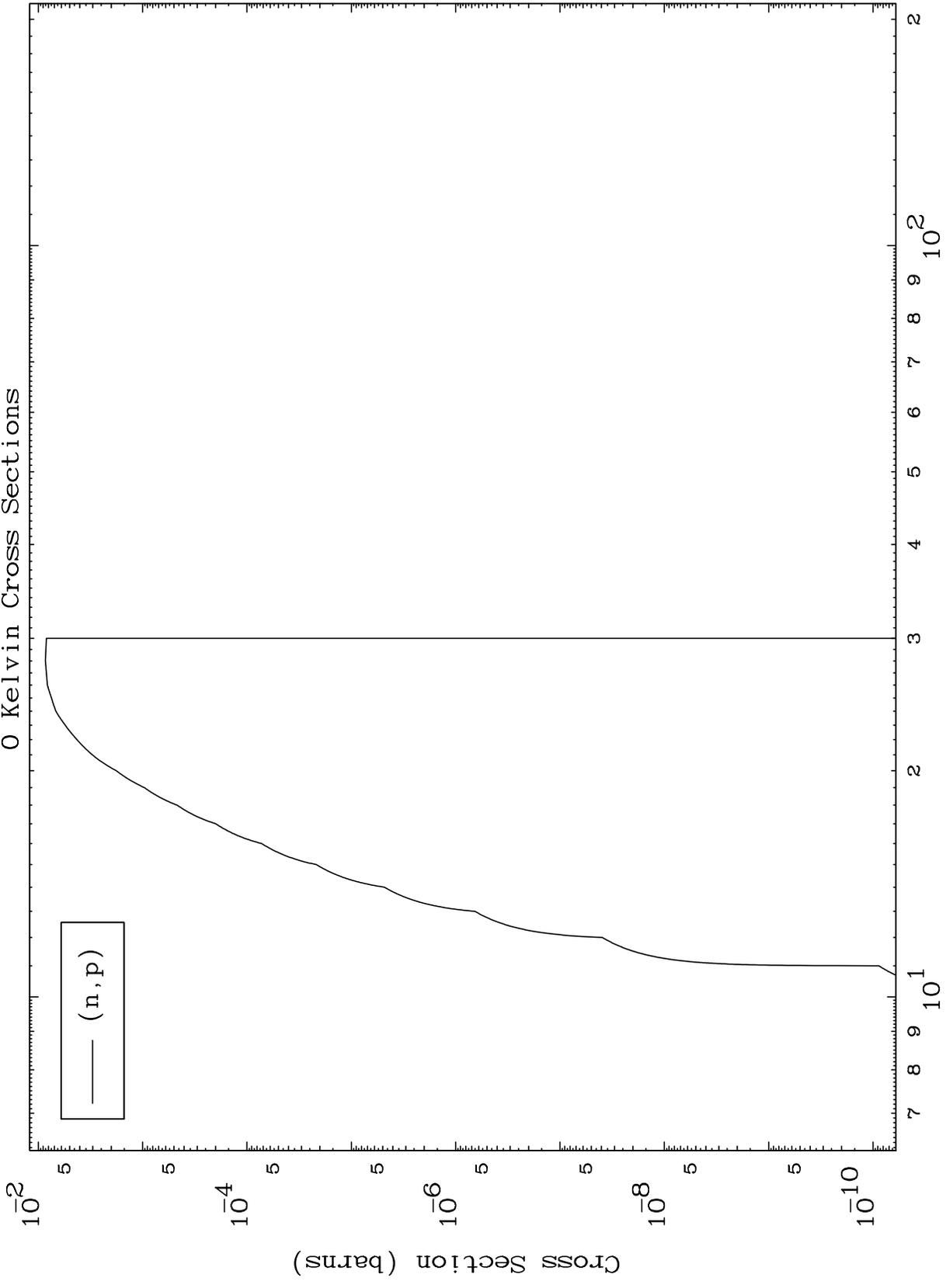
Incident Energy (MeV)

52-Te-130

MAT 5255

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

52-Te-130



6

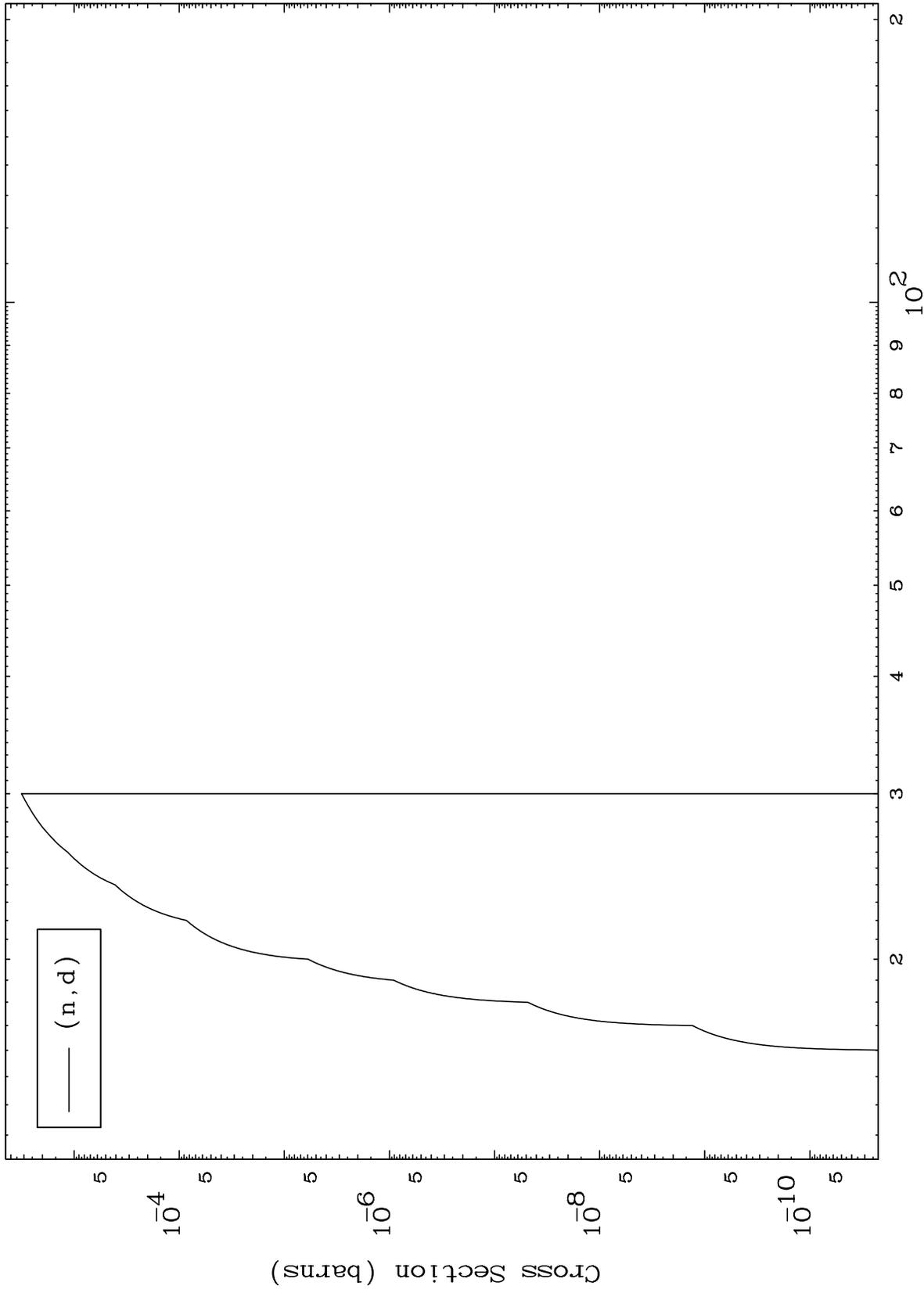
Incident Energy (MeV)

52-Te-130

MAT 5255

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

52-Te-130



7

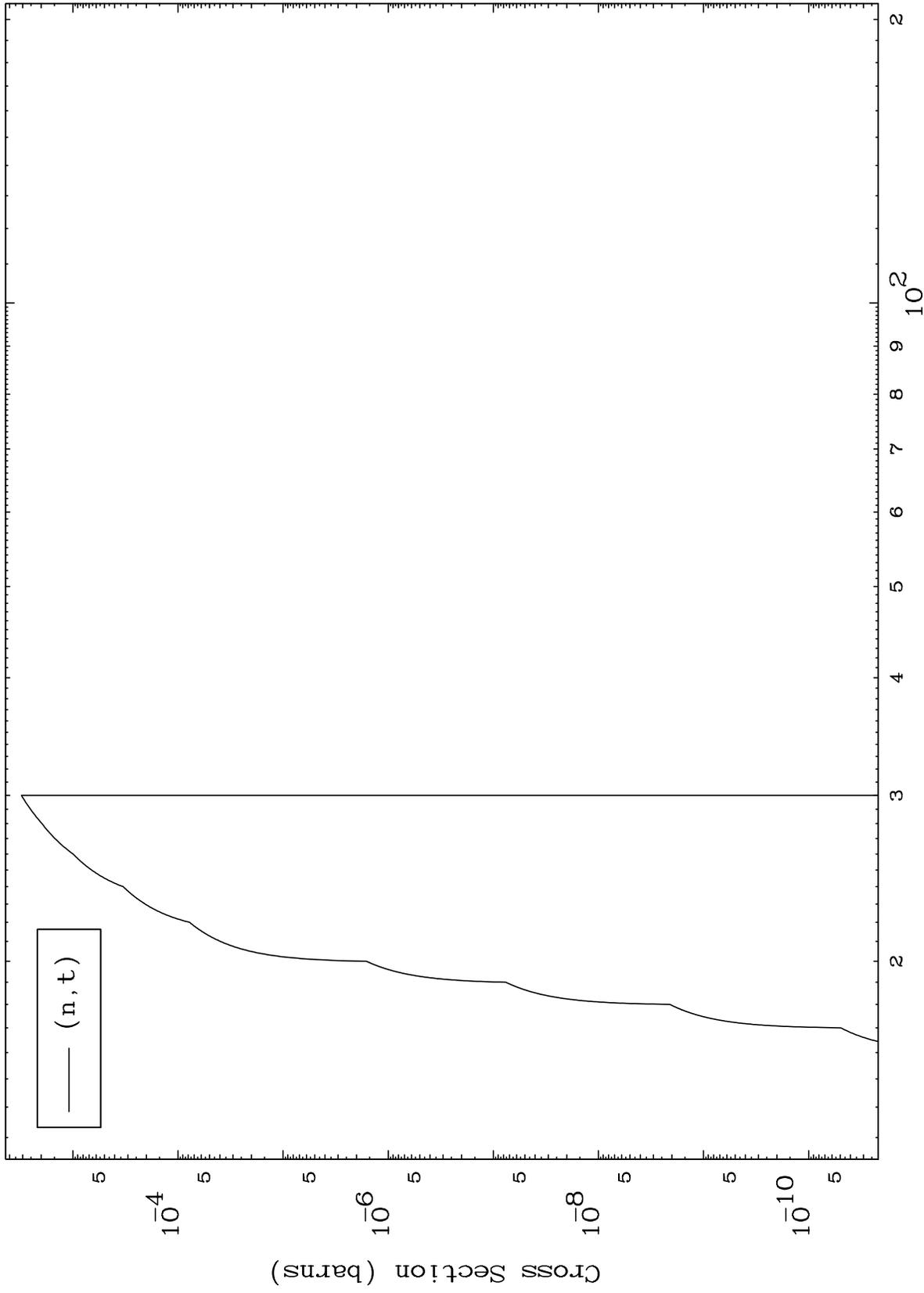
Incident Energy (MeV)

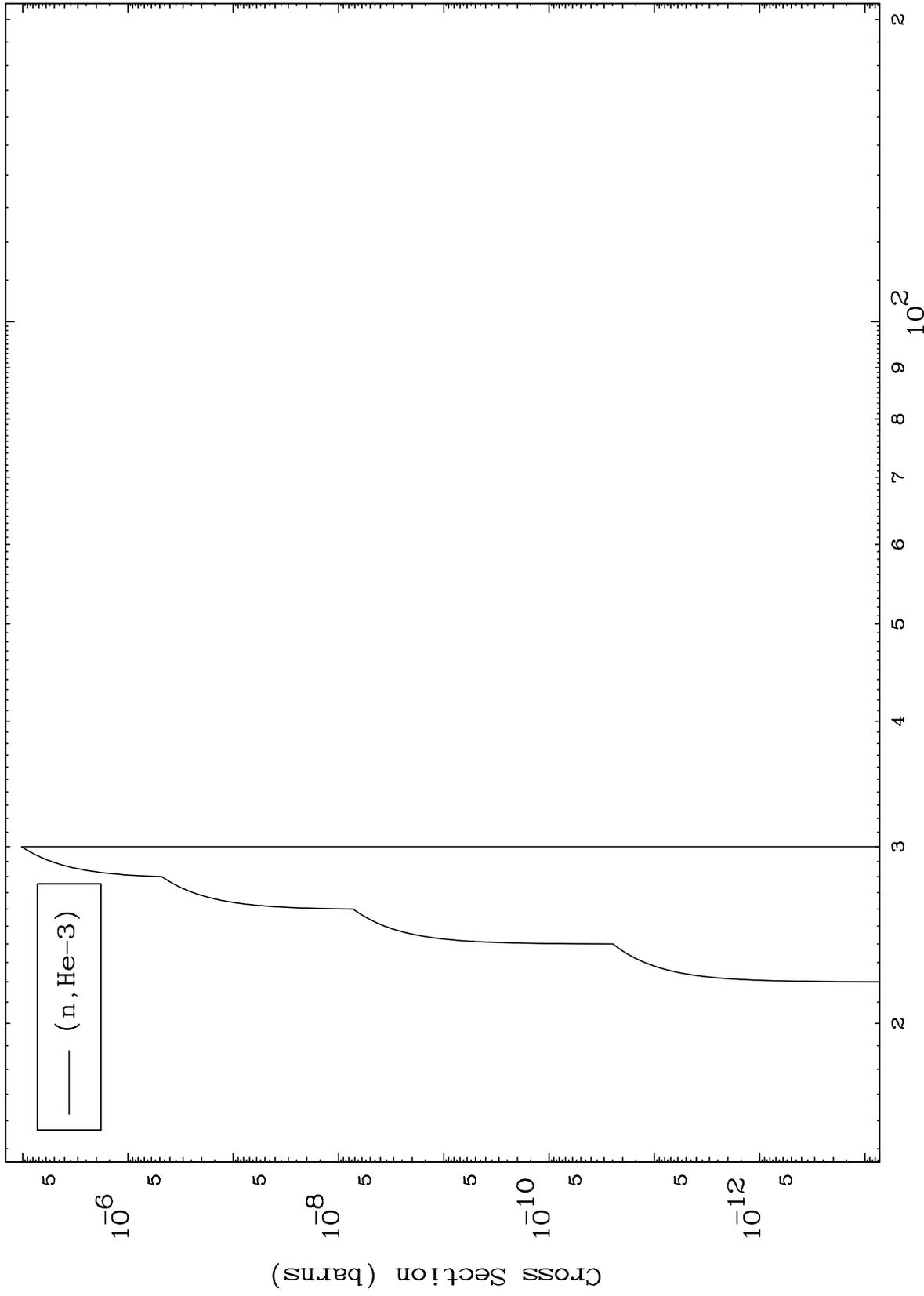
52-Te-130

MAT 5255

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

52-Te-130

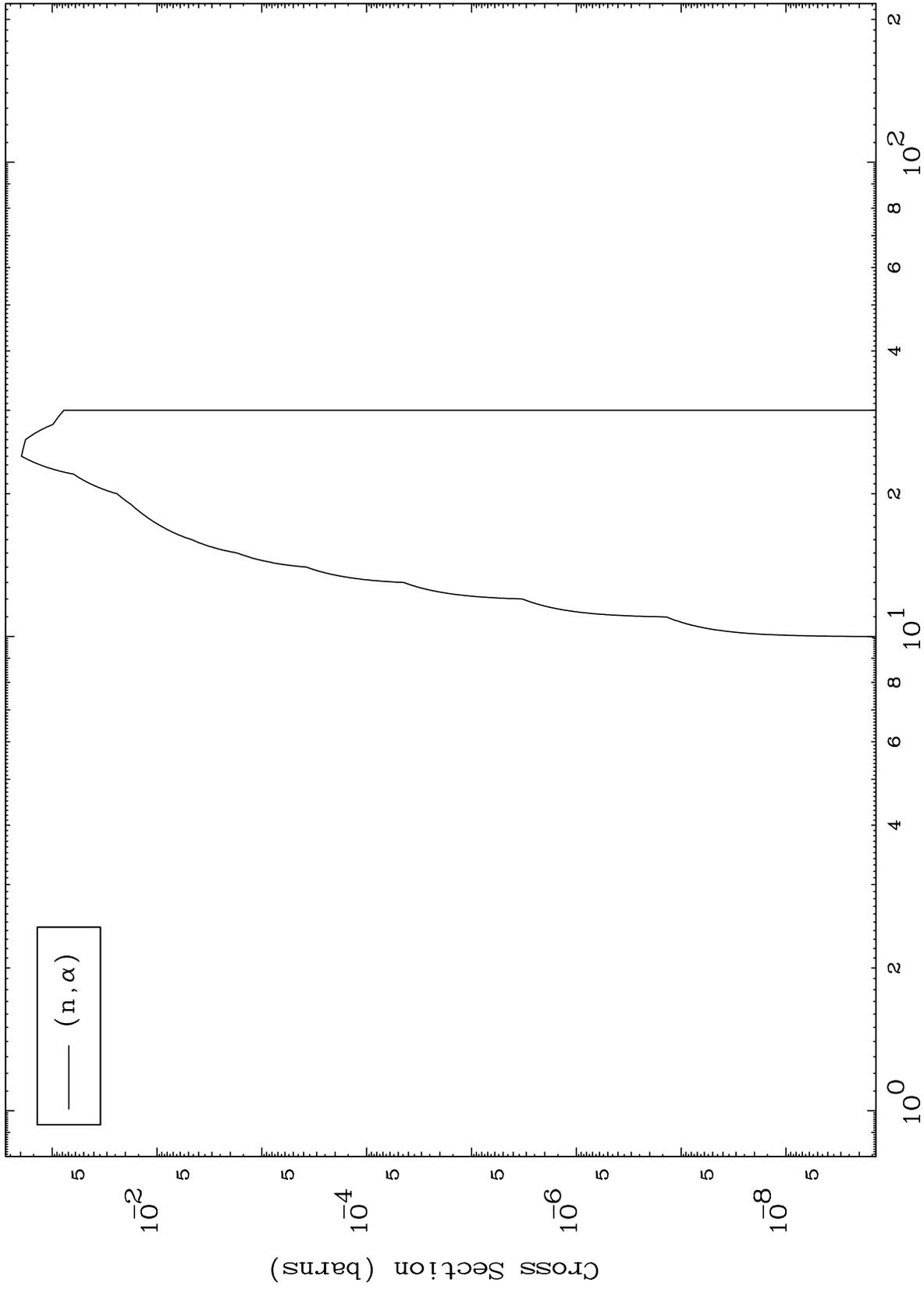




MAT 5255

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

52-Te-130



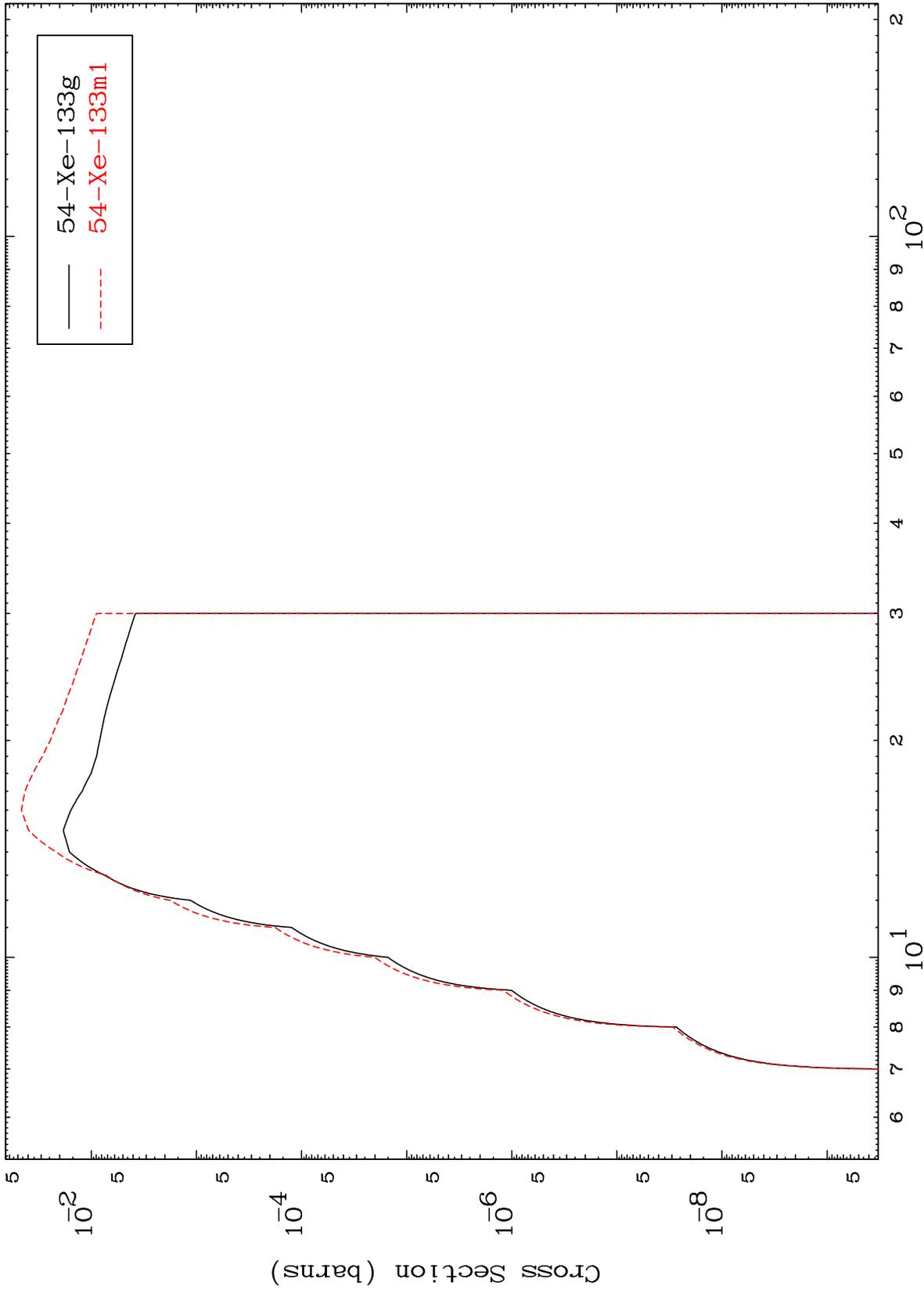
Incident Energy (MeV)

52-Te-130

MAT 5255

52-Te-130

Inelastic  
Radionuclide Production Cross Section



52-Te-130

Incident Energy (MeV)

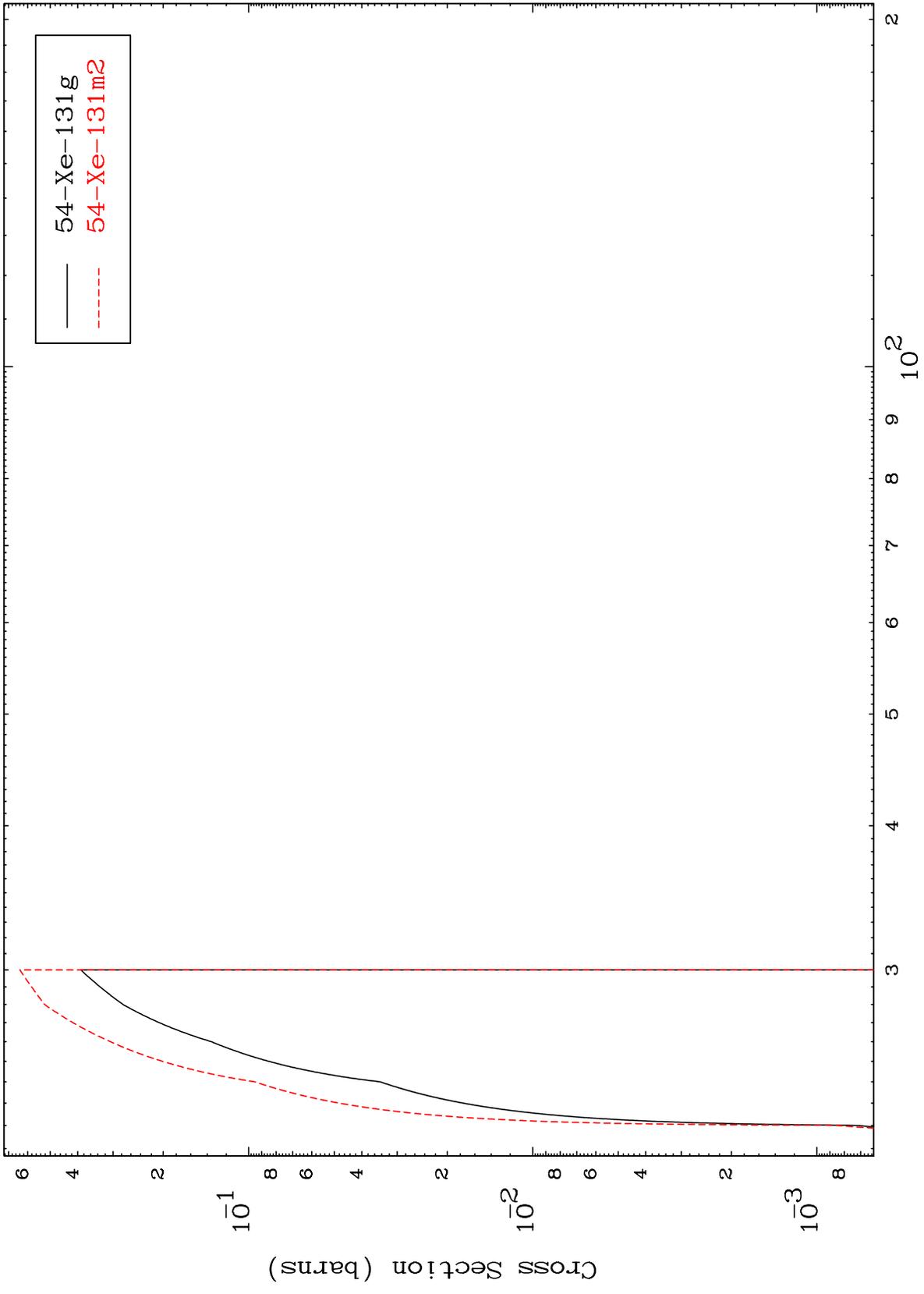
11

MAT 5255

(n,3n)

52-Te-130

Radionuclide Production Cross Section



12

Incident Energy (MeV)

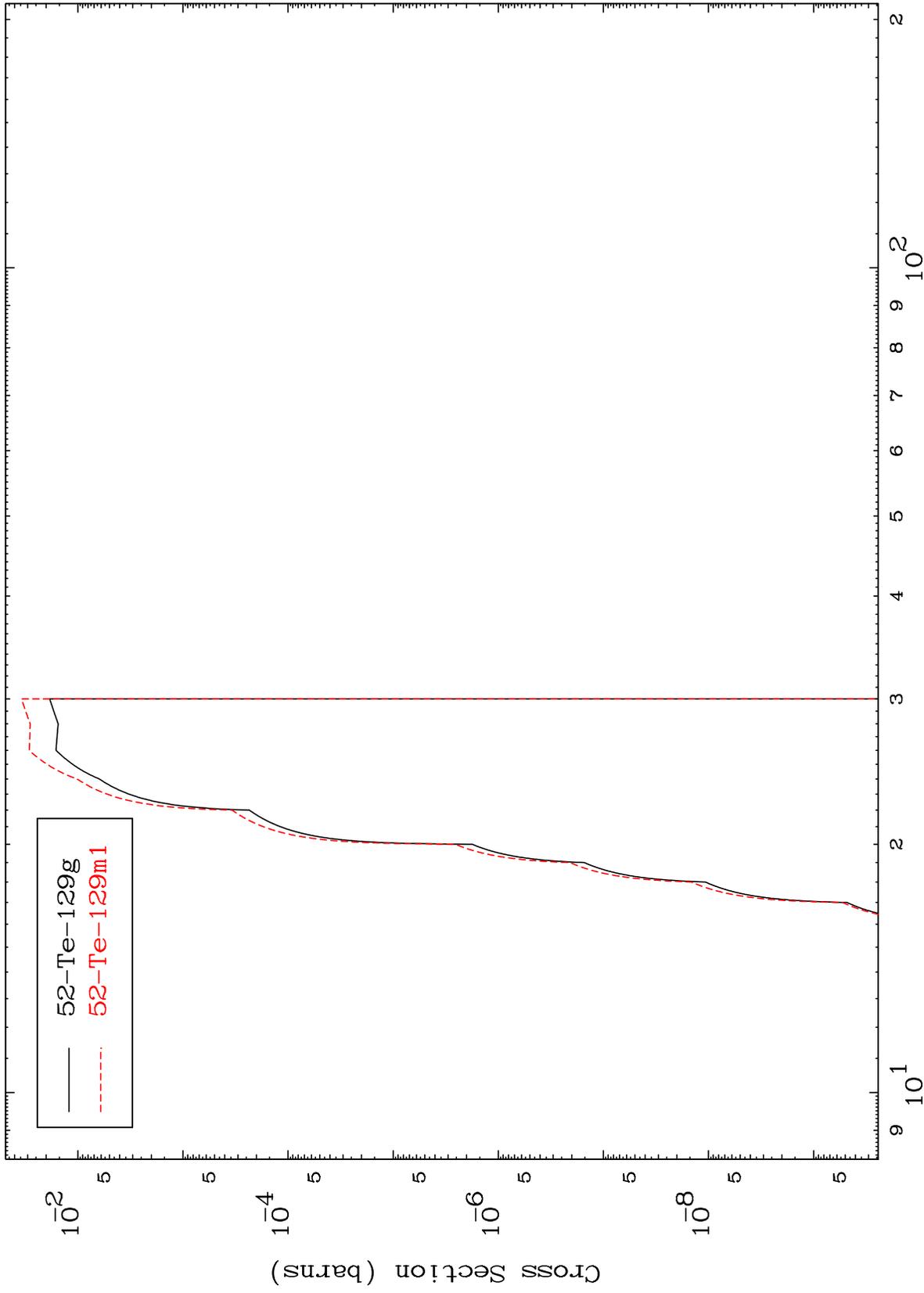
52-Te-130

MAT 5255

(n,n')  $\alpha$

52-Te-130

Radionuclide Production Cross Section



13

Incident Energy (MeV)

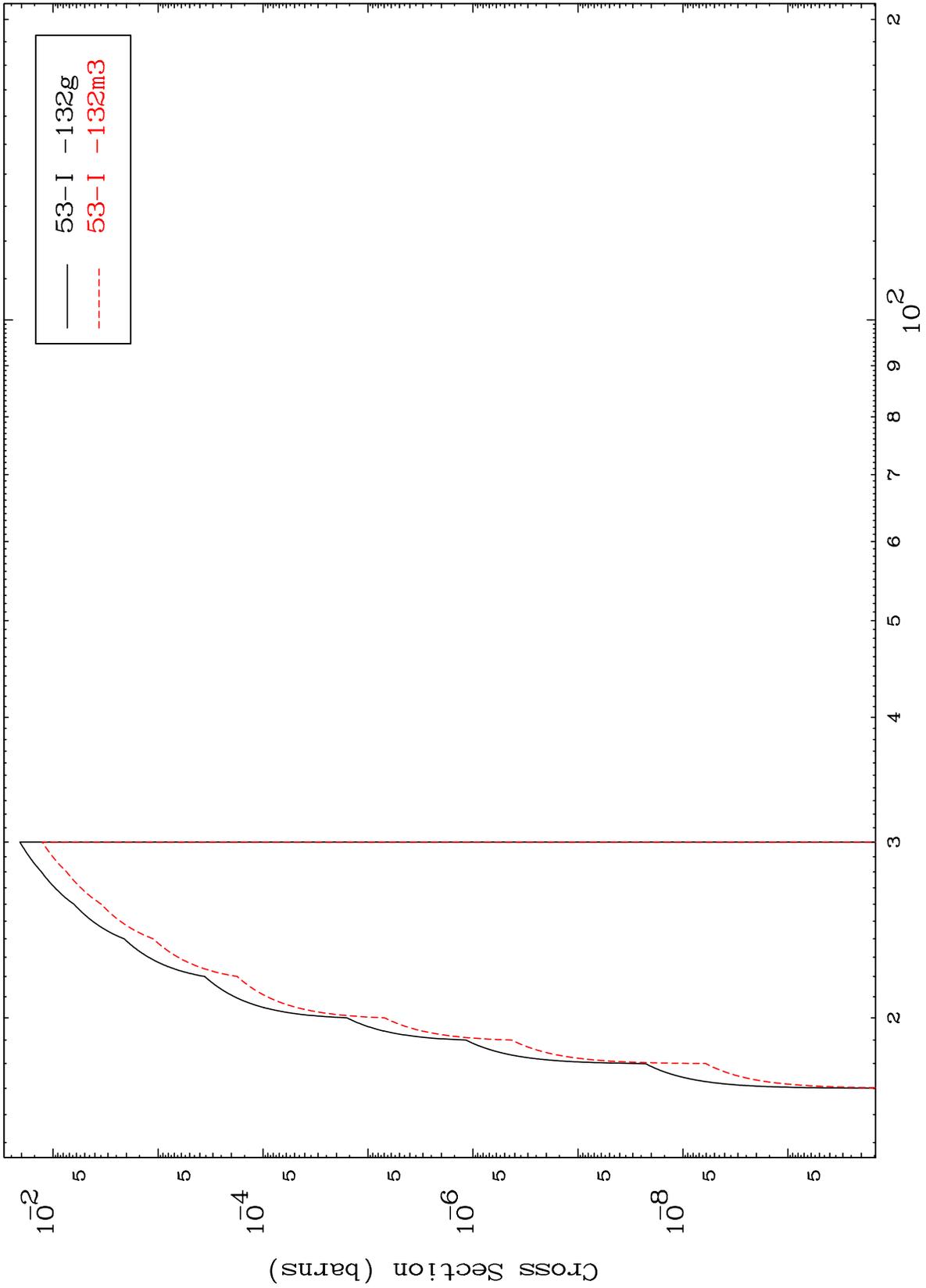
52-Te-130

MAT 5255

(n,n') p

52-Te-130

Radionuclide Production Cross Section



14

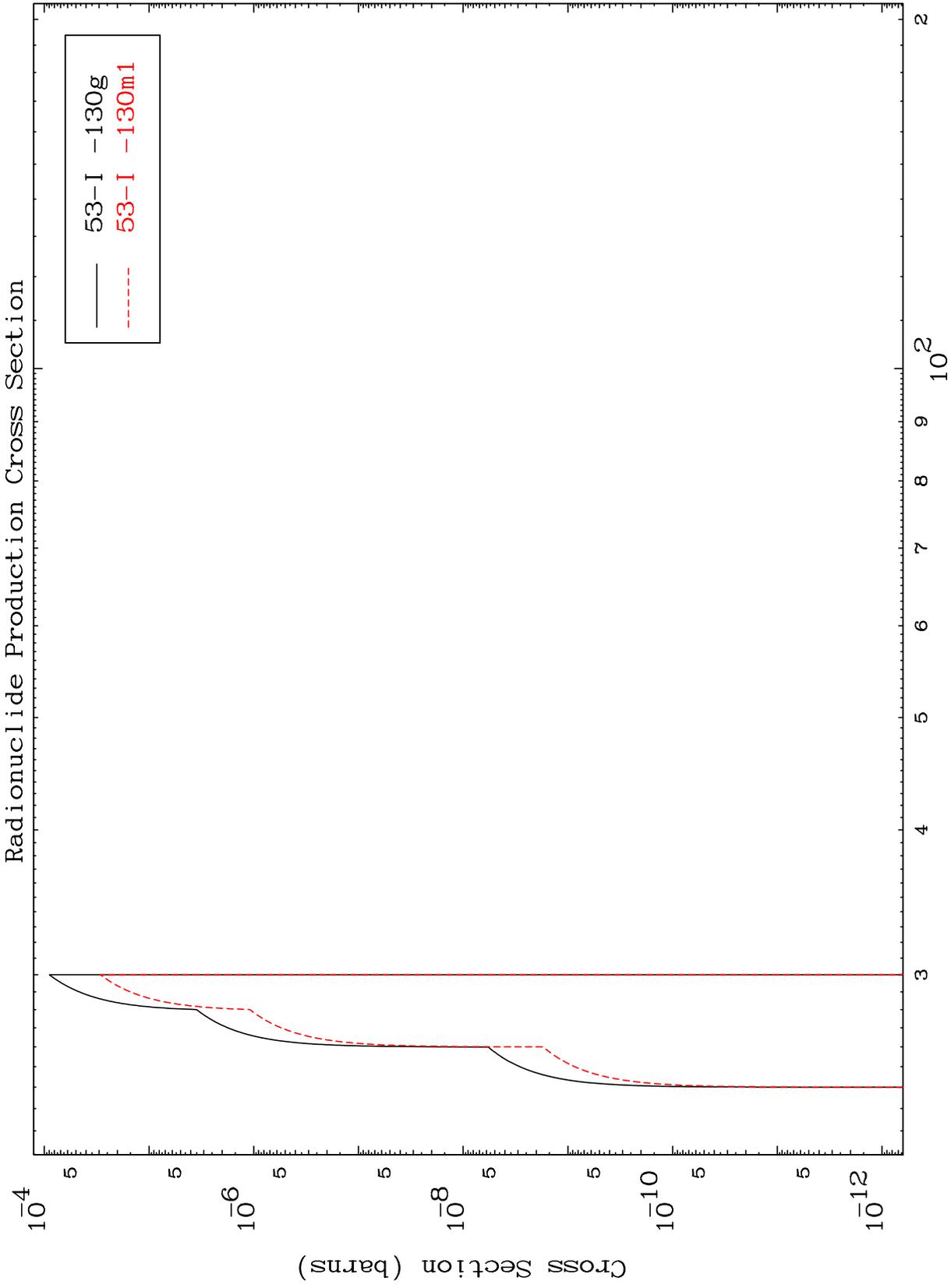
Incident Energy (MeV)

52-Te-130

MAT 5255

(n,n') t

52-Te-130



15

Incident Energy (MeV)

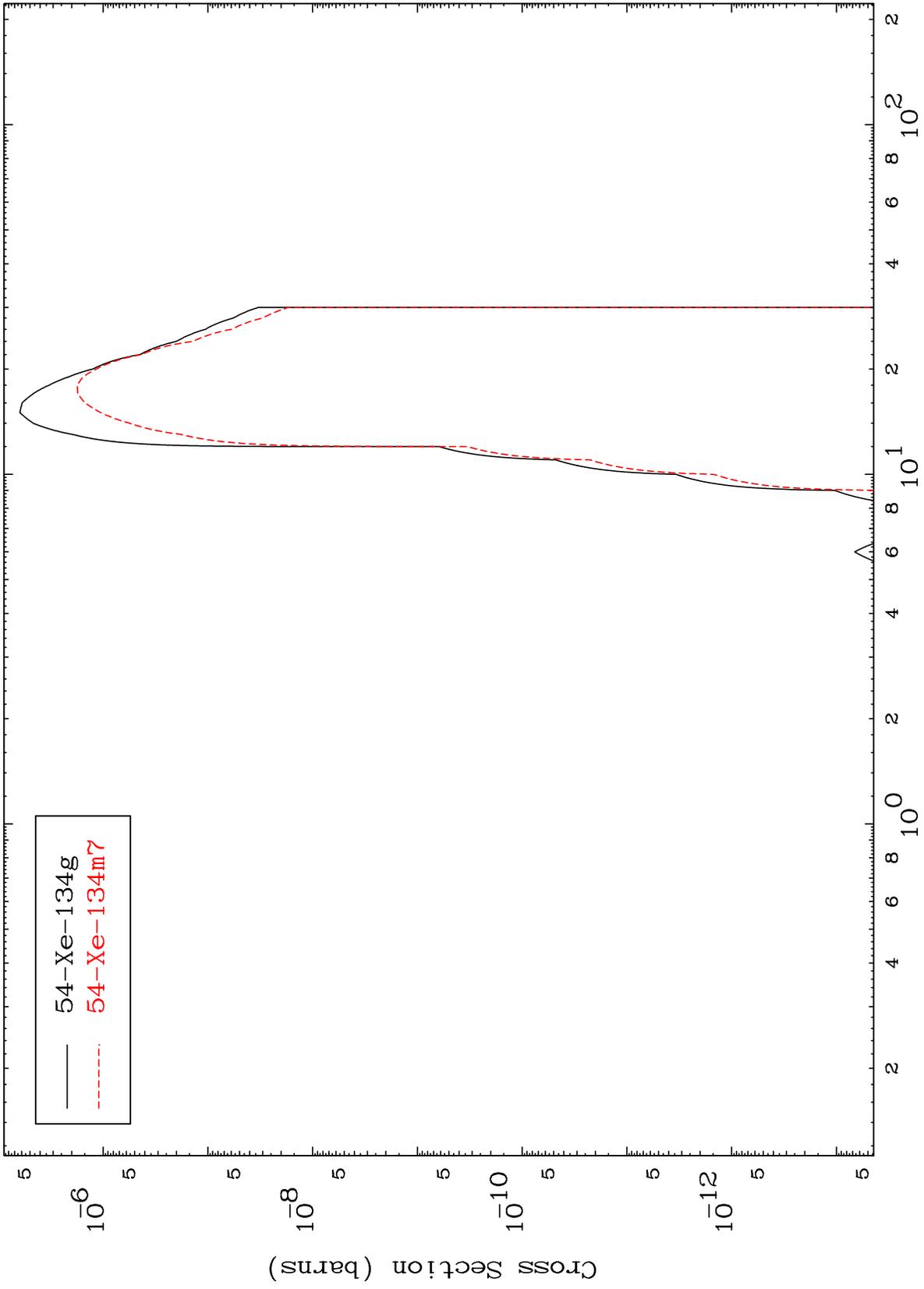
52-Te-130

MAT 5255

(n,  $\gamma$ )

52-Te-130

Radionuclide Production Cross Section



16

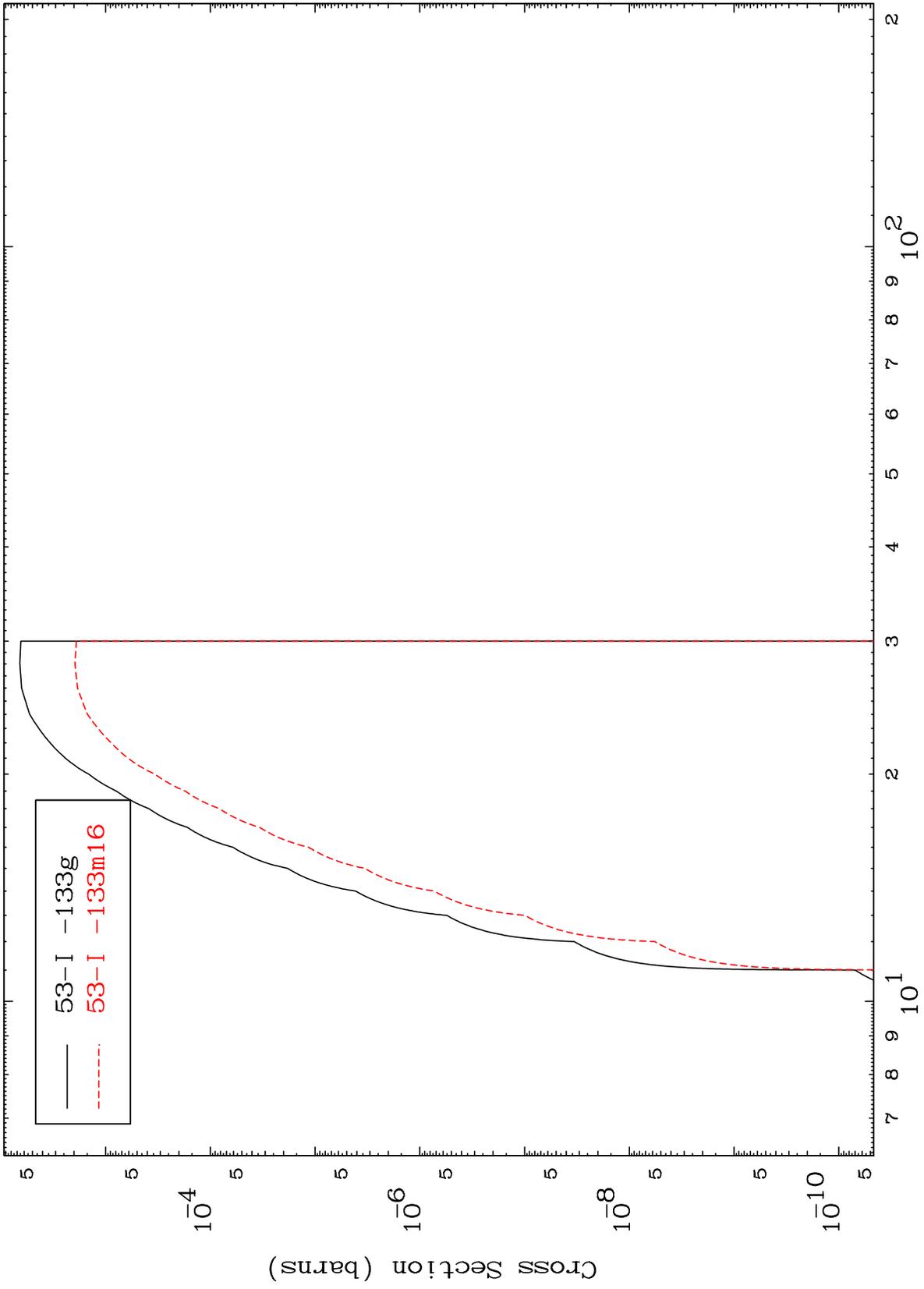
Incident Energy (MeV)

52-Te-130

MAT 5255

52-Te-130

(n,p)  
Radionuclide Production Cross Section



17

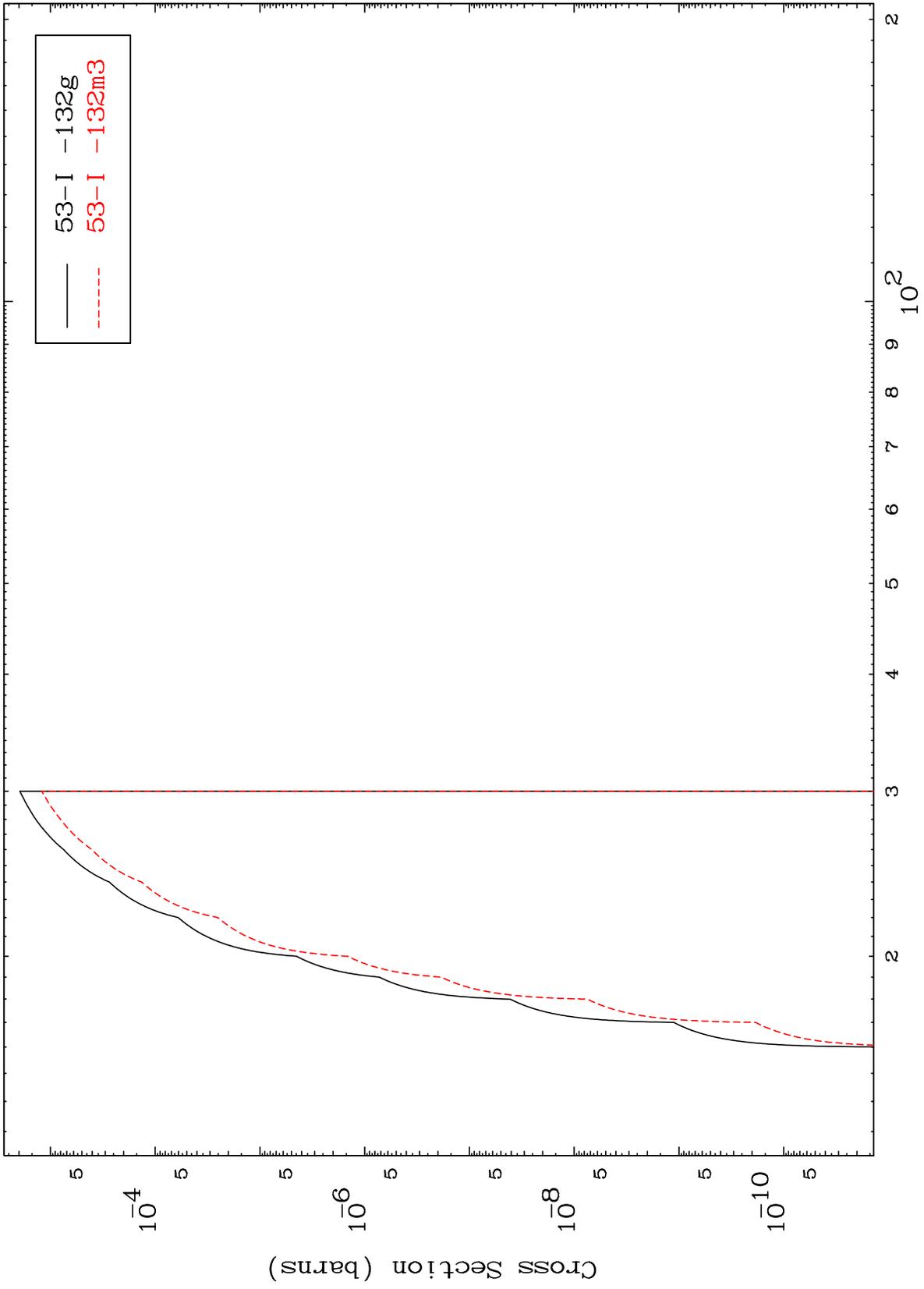
Incident Energy (MeV)

52-Te-130

MAT 5255

52-Te-130

(n,d)  
Radionuclide Production Cross Section



18

Incident Energy (MeV)

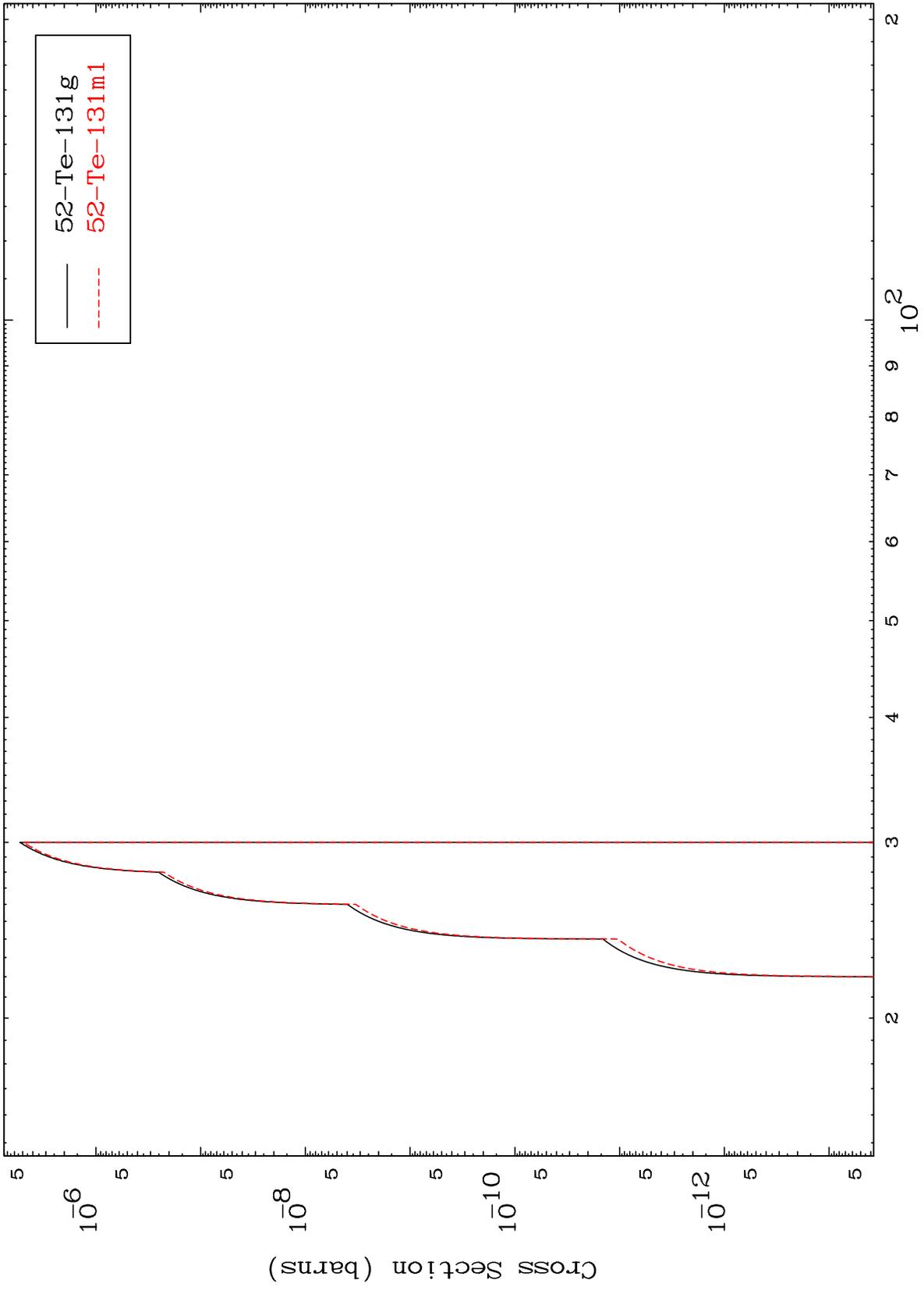
52-Te-130

MAT 5255

(n, He-3)

52-Te-130

Radionuclide Production Cross Section



19

Incident Energy (MeV)

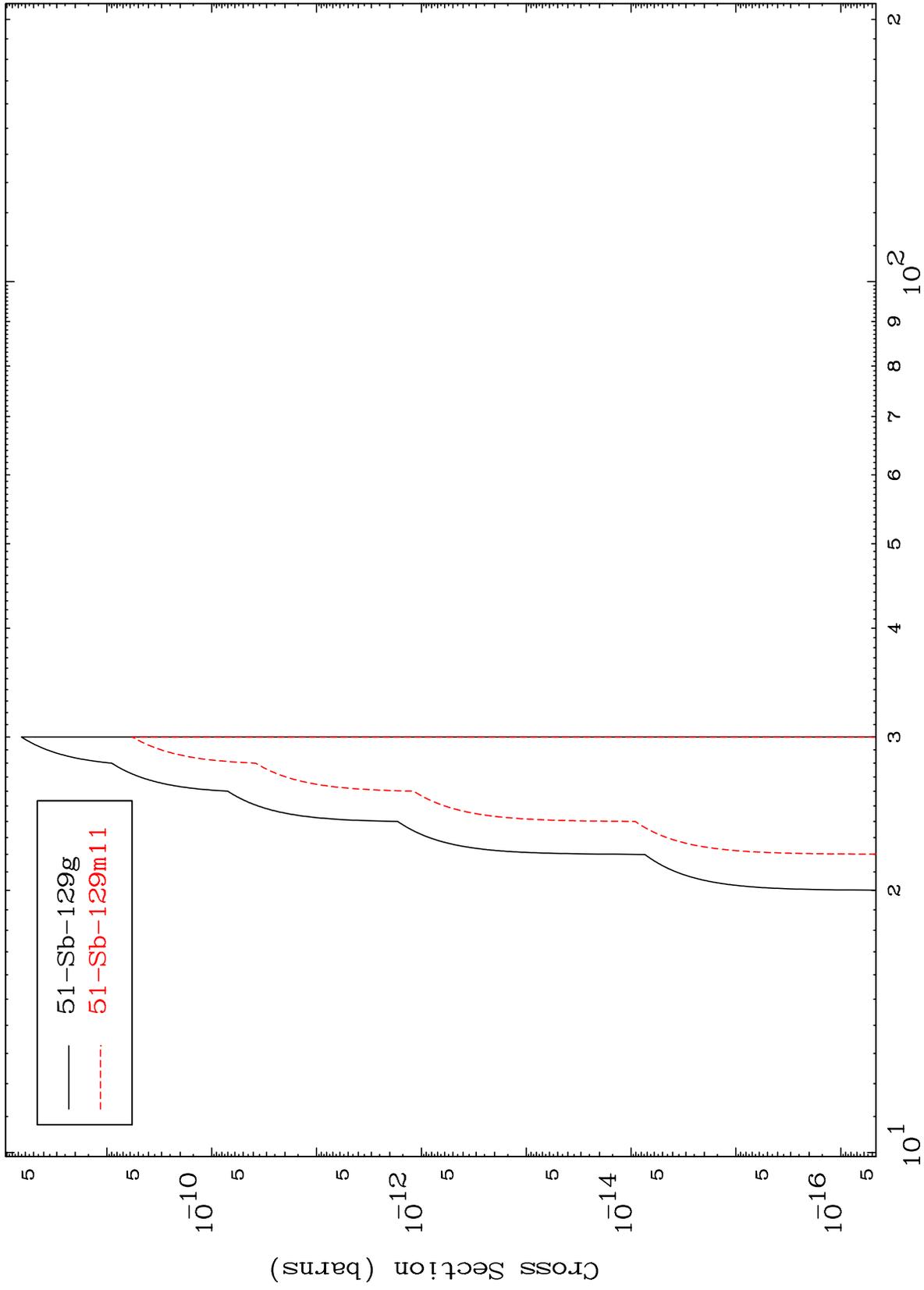
52-Te-130

MAT 5255

(n,p)  $\alpha$

52-Te-130

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-130