

Program EVALPLOT  
(Version 2021-1)

by

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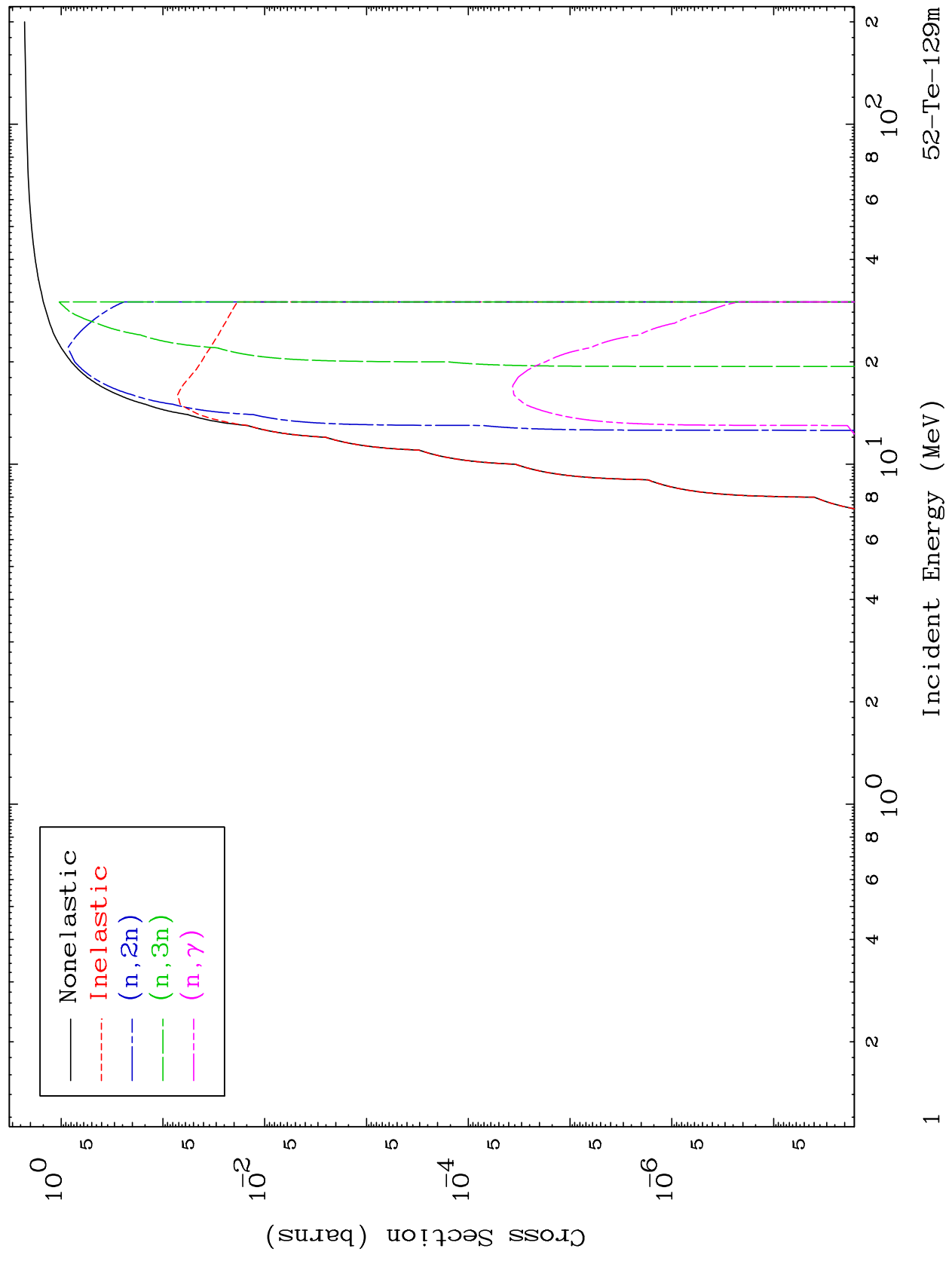
Press Mouse Button to Start

MAT 5253

0 Kelvin

$\alpha$  Major Cross Sections

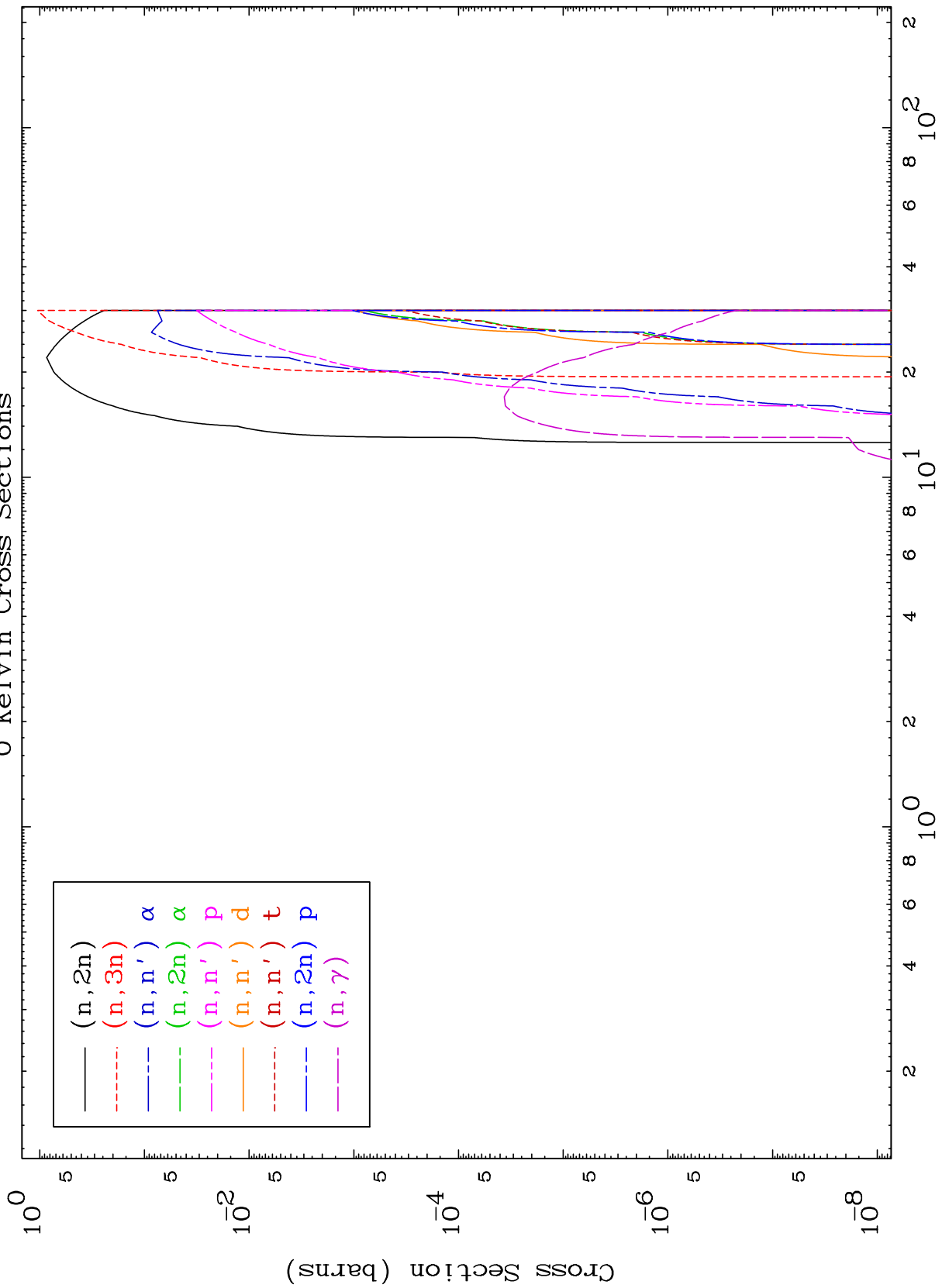
52-Te-129m



MAT 5253

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

52-Te-129m



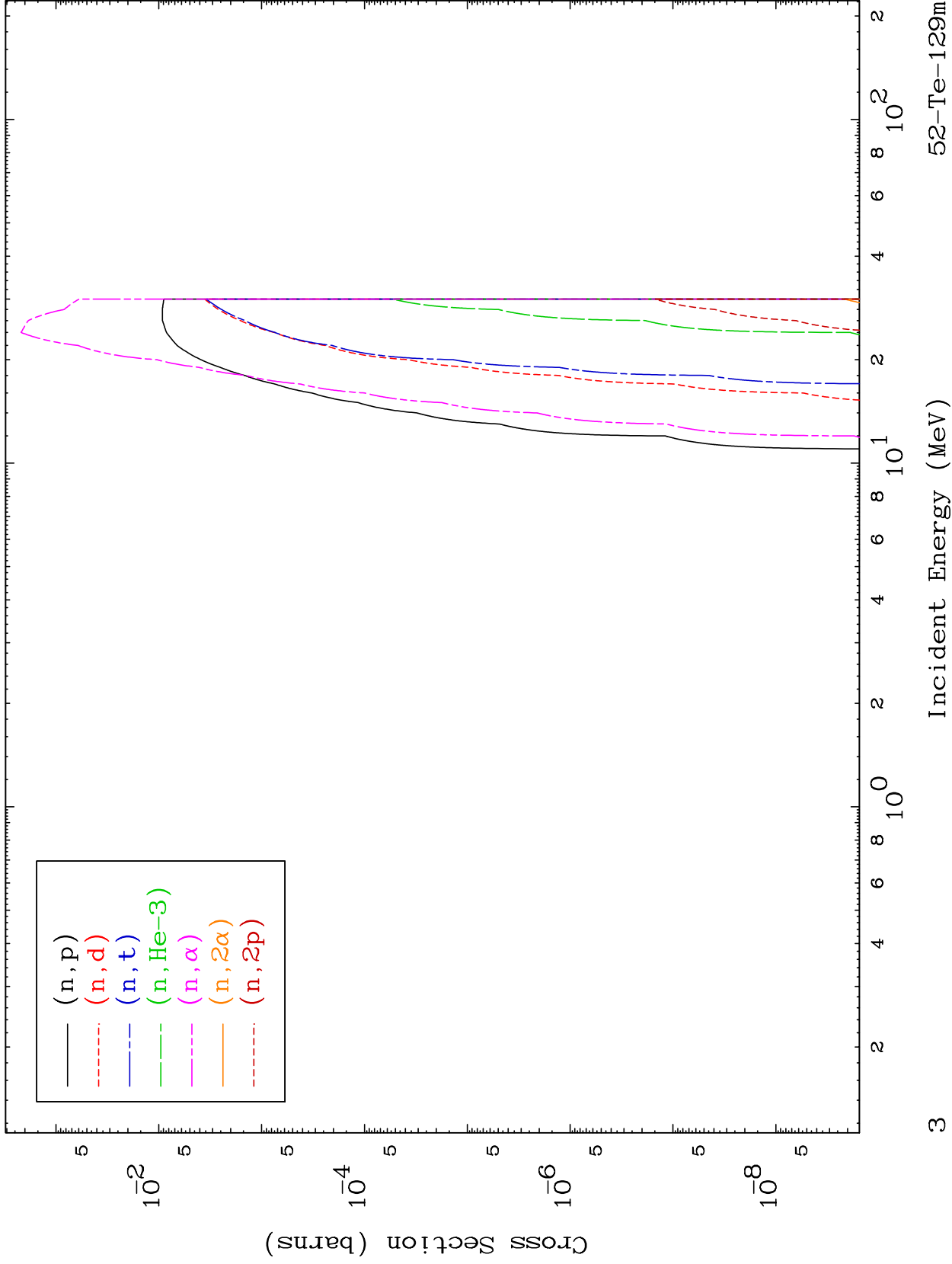
Incident Energy (MeV)

52-Te-129m

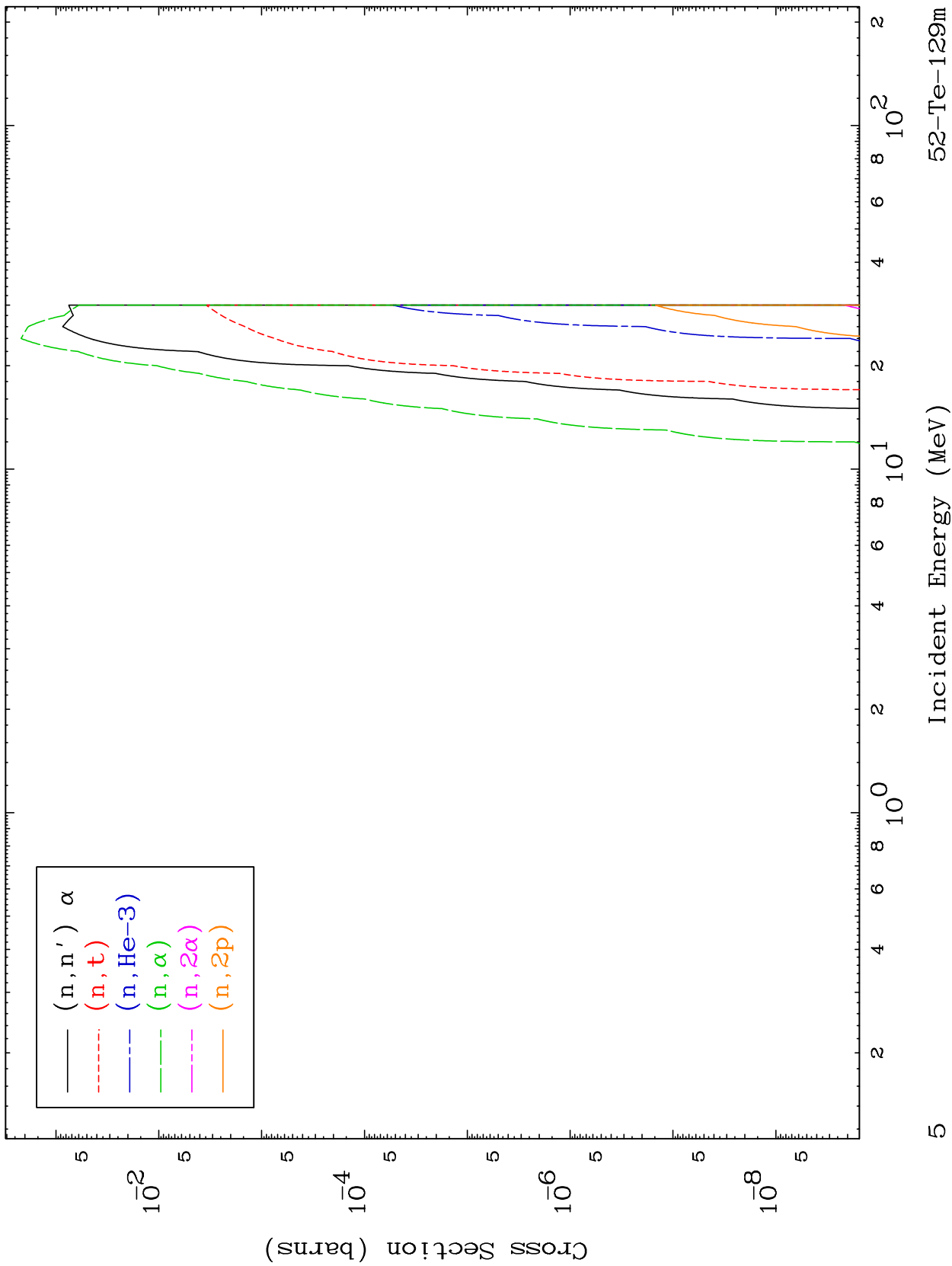
MAT 5253

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

52-Te-129m







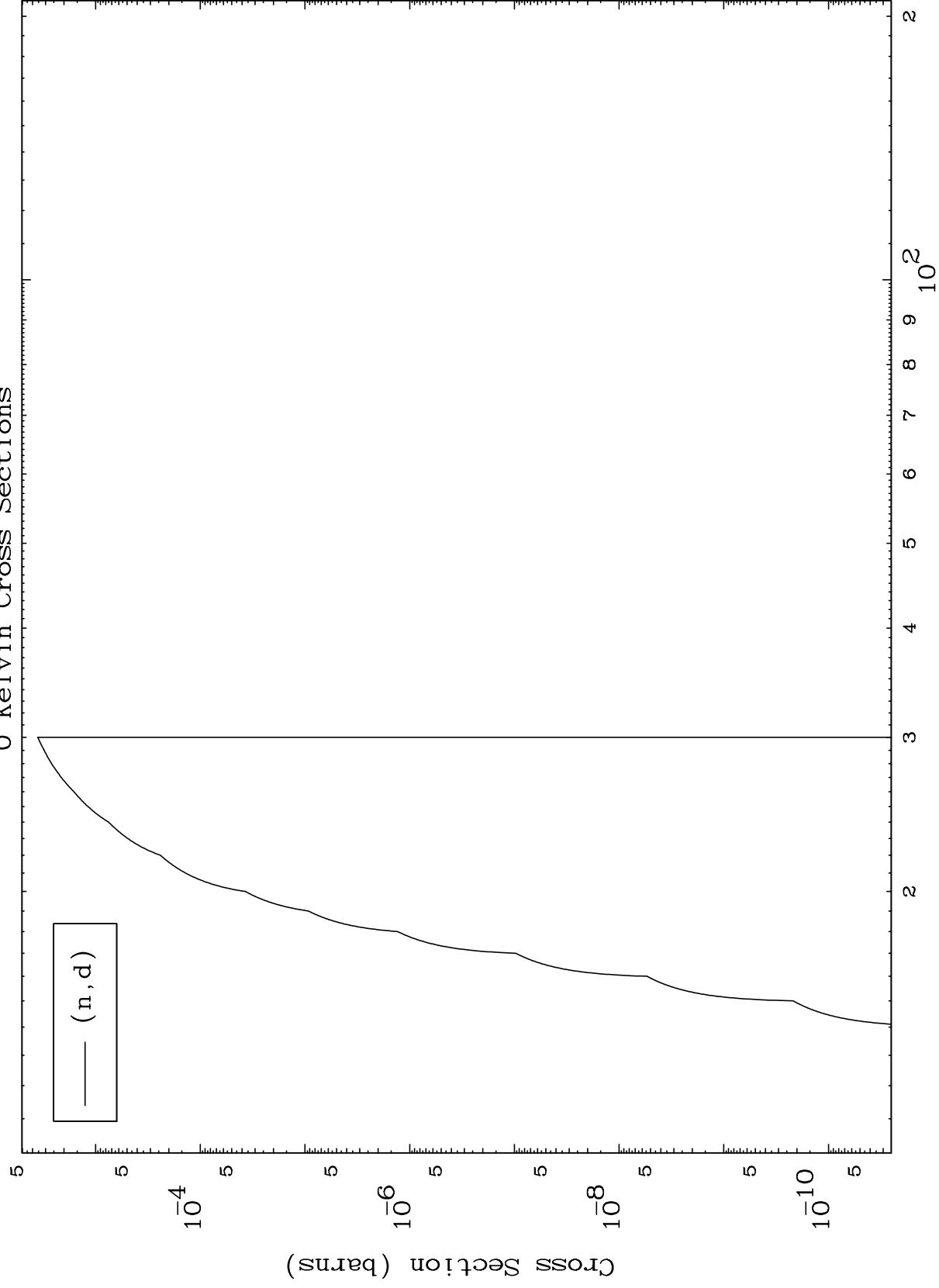


MAT 5253

( $\alpha, d$ ) Levels

$^{52}\text{Te-129m}$

0 Kelvin Cross Sections

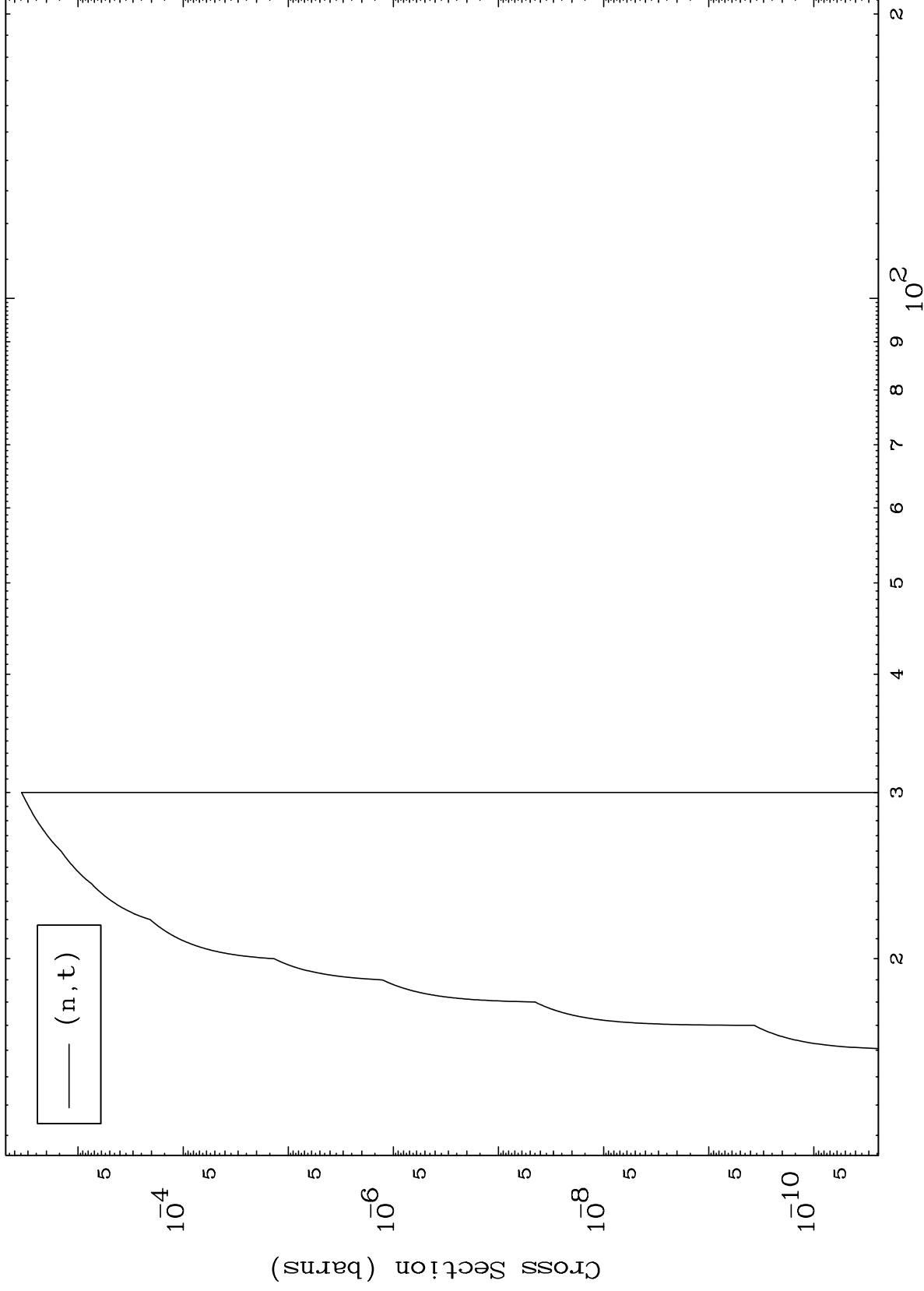




MAT 5253

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

52-Te-129m



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Incident Energy (MeV)

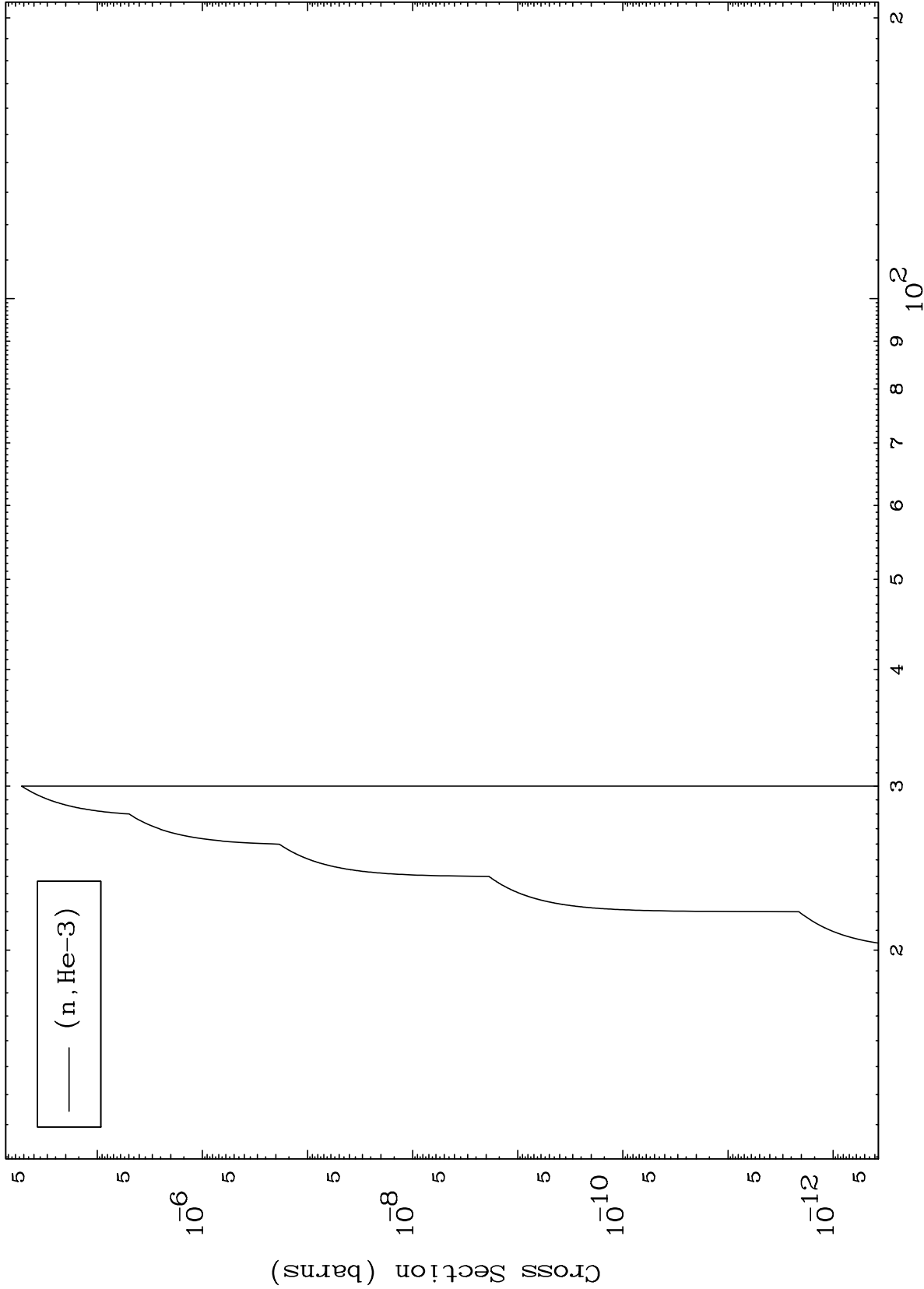
52-Te-129m

MAT 5253

( $\alpha, \text{He}3$ ) Levels

52-Te-129m

0 Kelvin Cross Sections

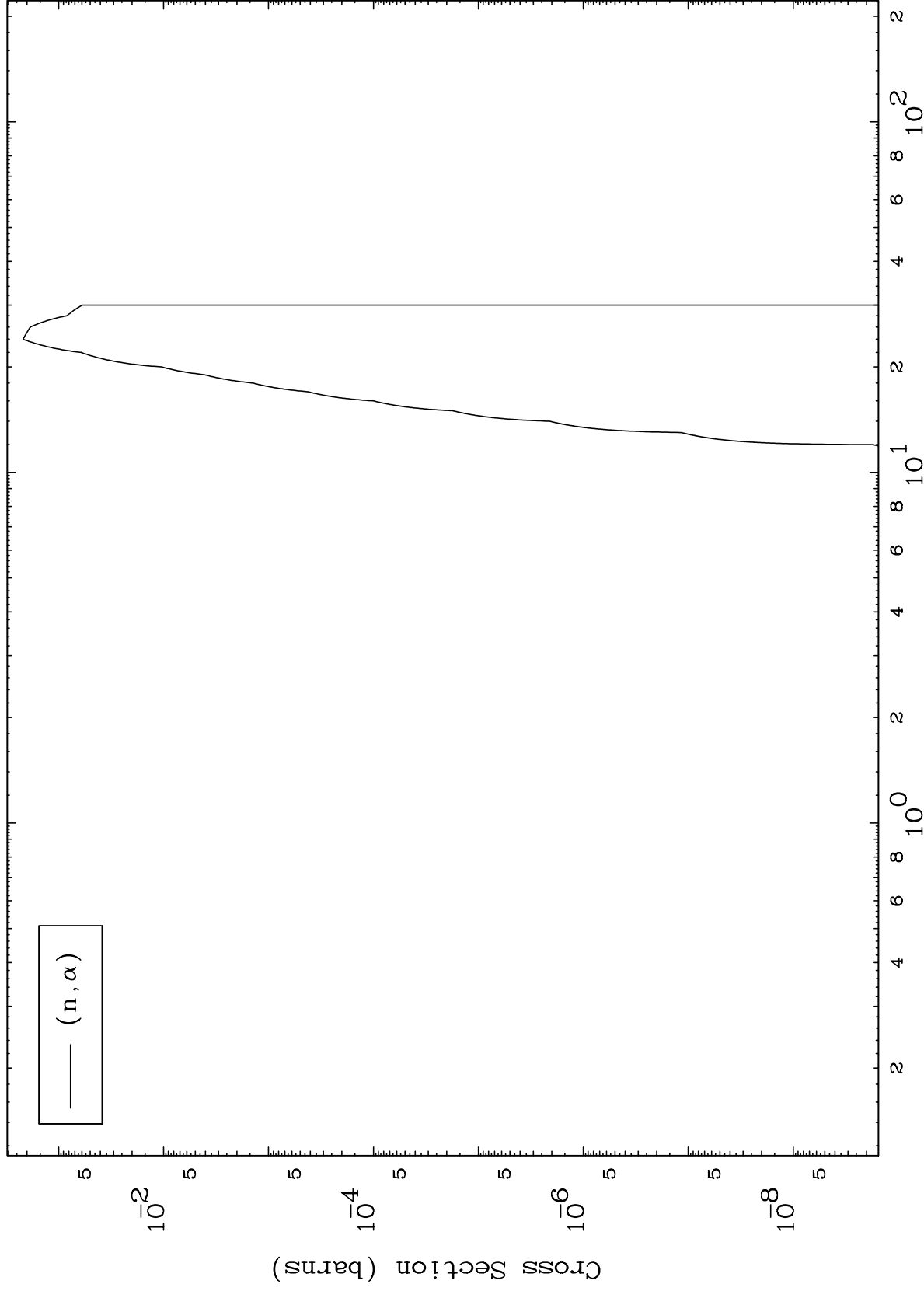


MAT 5253

( $\alpha, \alpha$ ) Levels

52-Te-129m

0 Kelvin Cross Sections



10

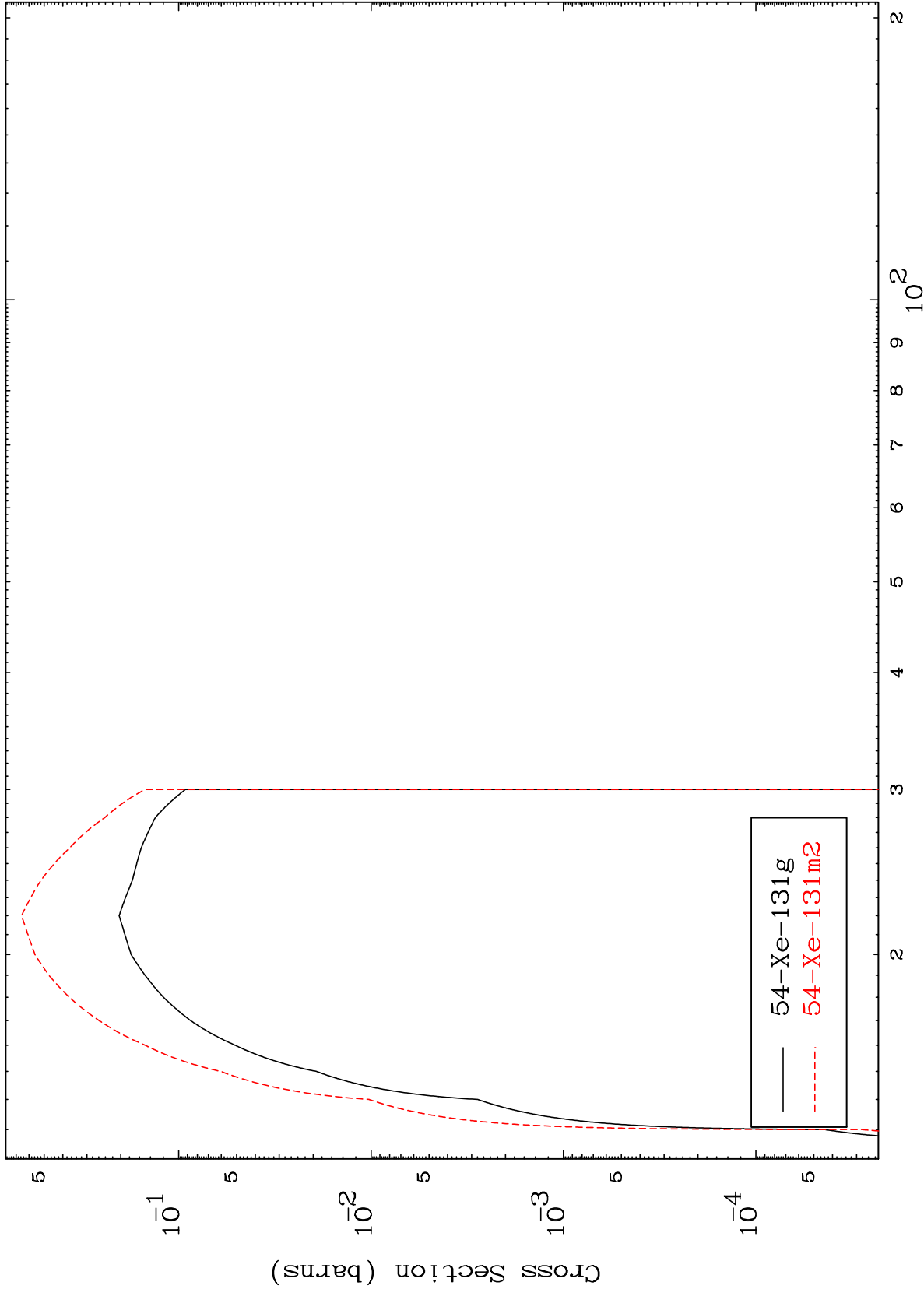
Incident Energy (MeV)

52-Te-129m

MAT 5253

52-Te-129m

(n,2n)  
Radionuclide Production Cross Section



52-Te-129m

Incident Energy (MeV)

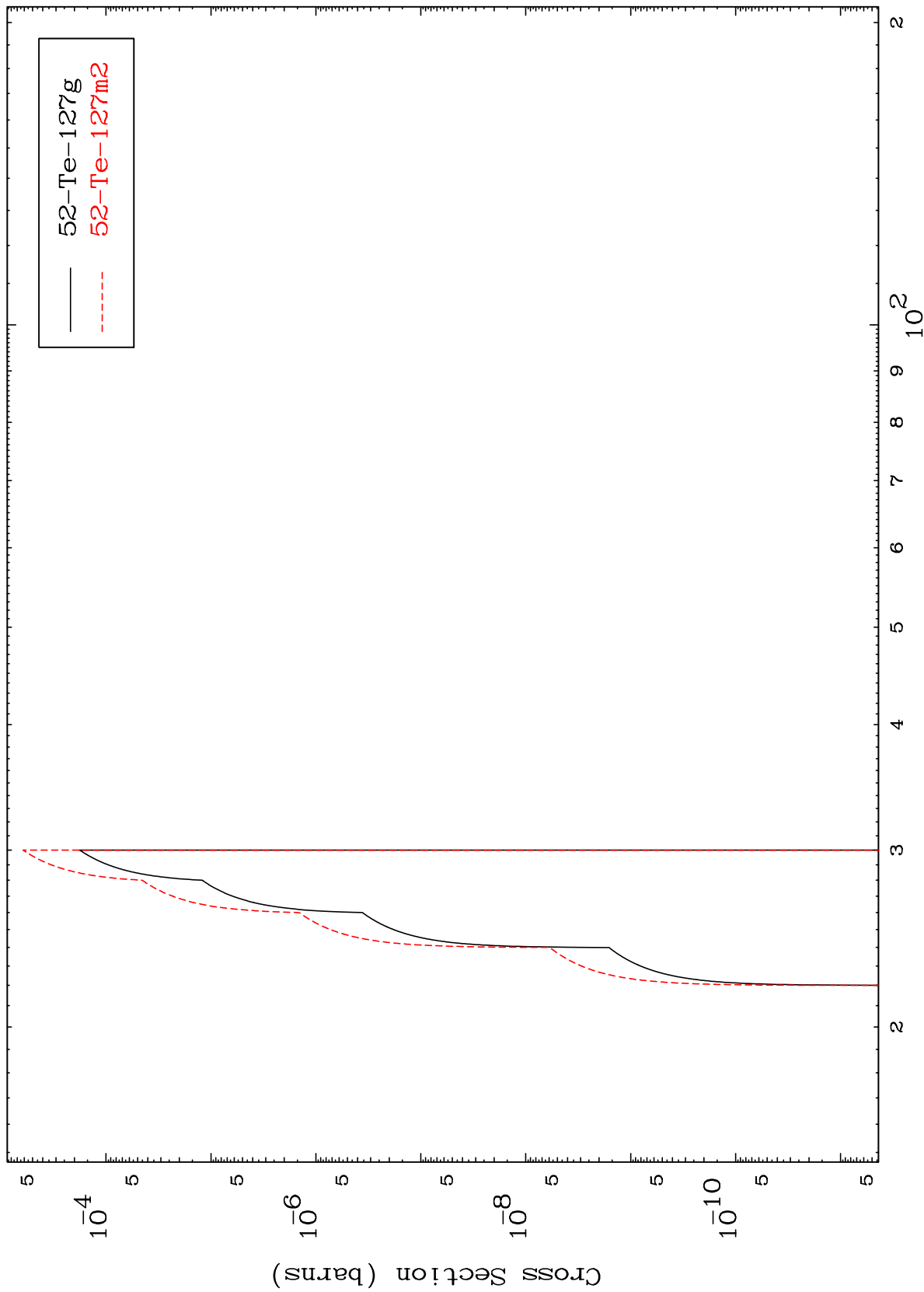
11

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$(n,2n) \alpha$

52-Te-129m

Radionuclide Production Cross Section



12

Incident Energy (MeV)

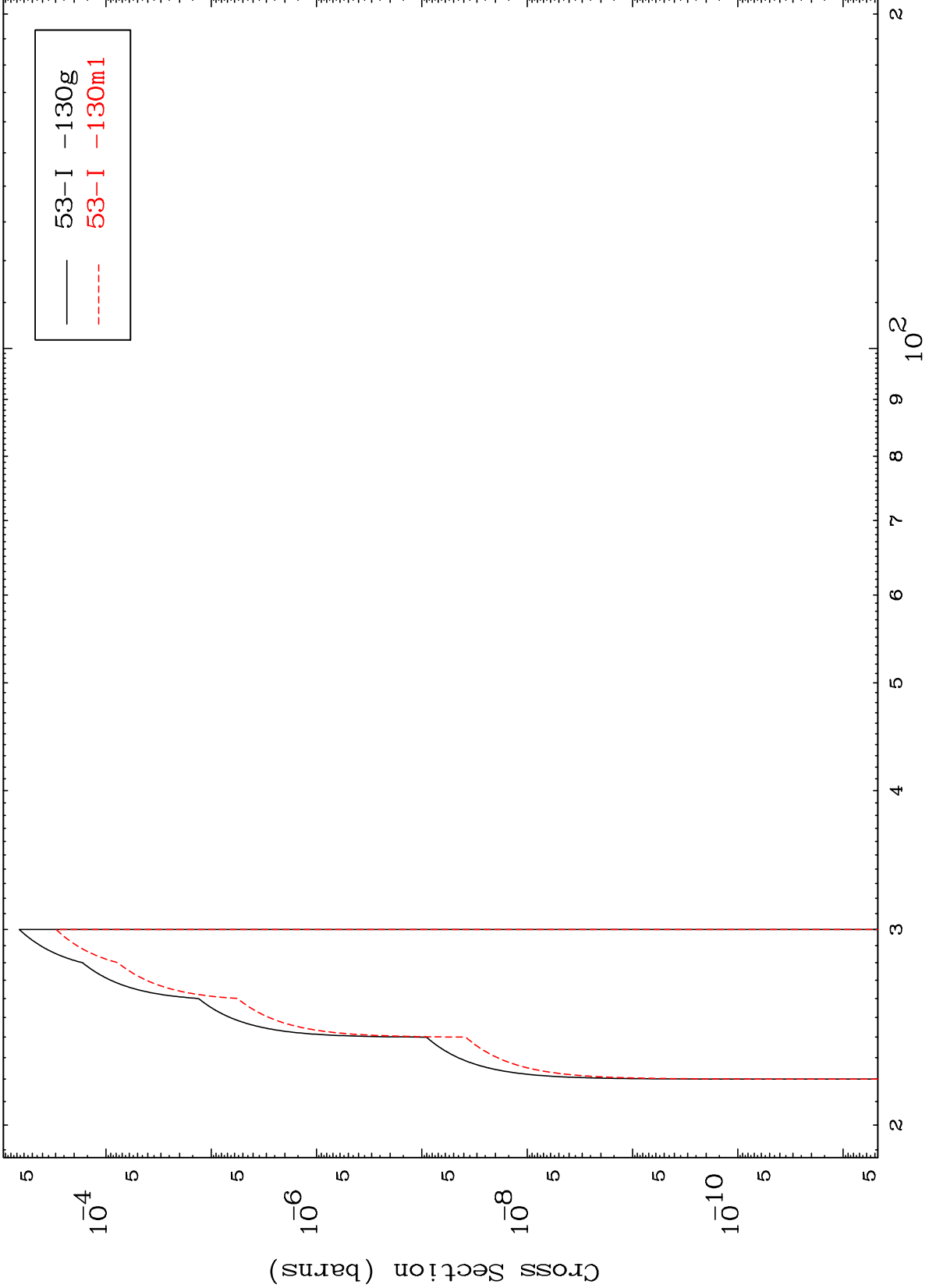
52-Te-129m

MAT 5253

(n,n') d

52-Te-129m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

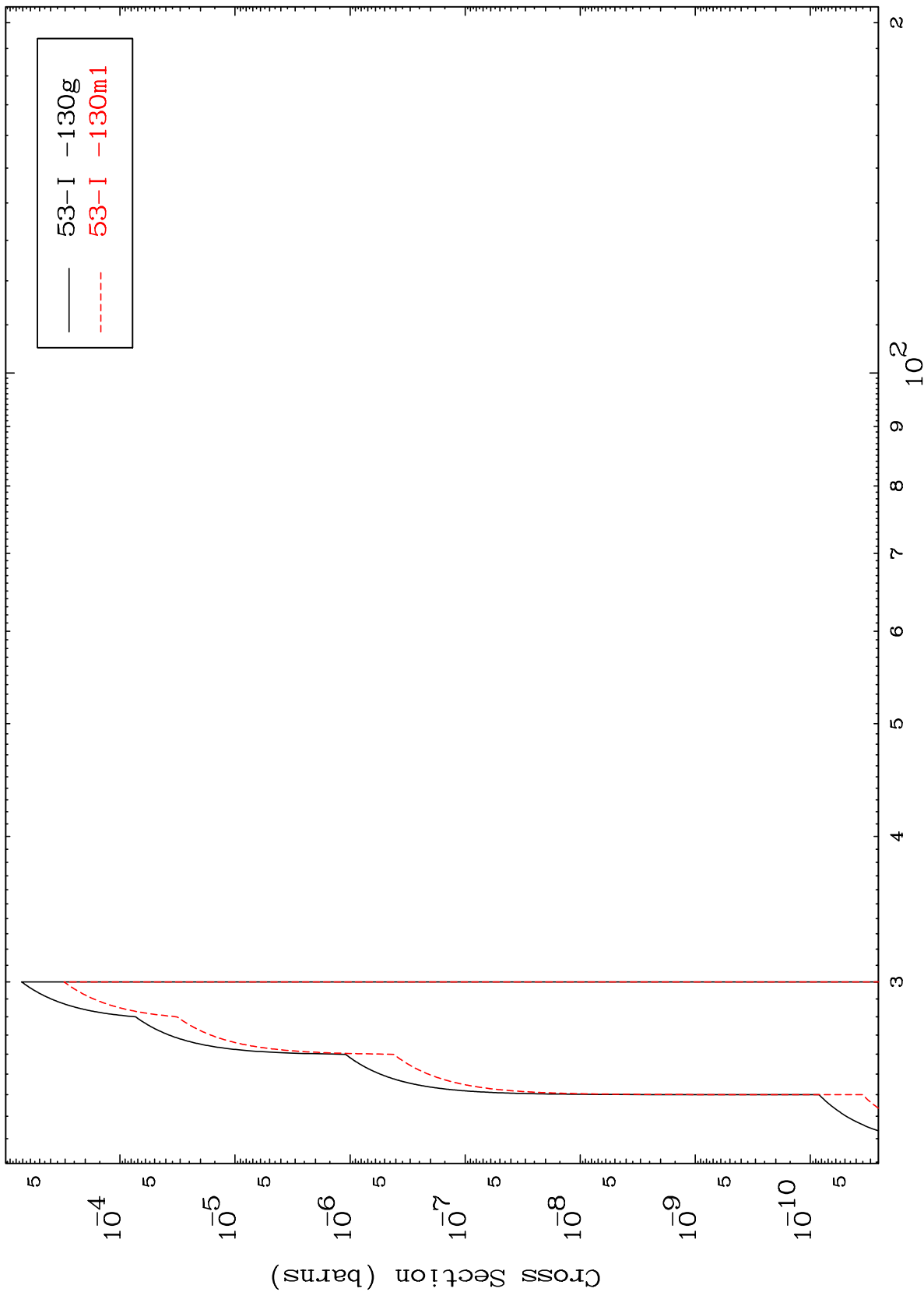
52-Te-129m

MAT 5253

(n,2n) p

52-Te-129m

Radionuclide Production Cross Section



14

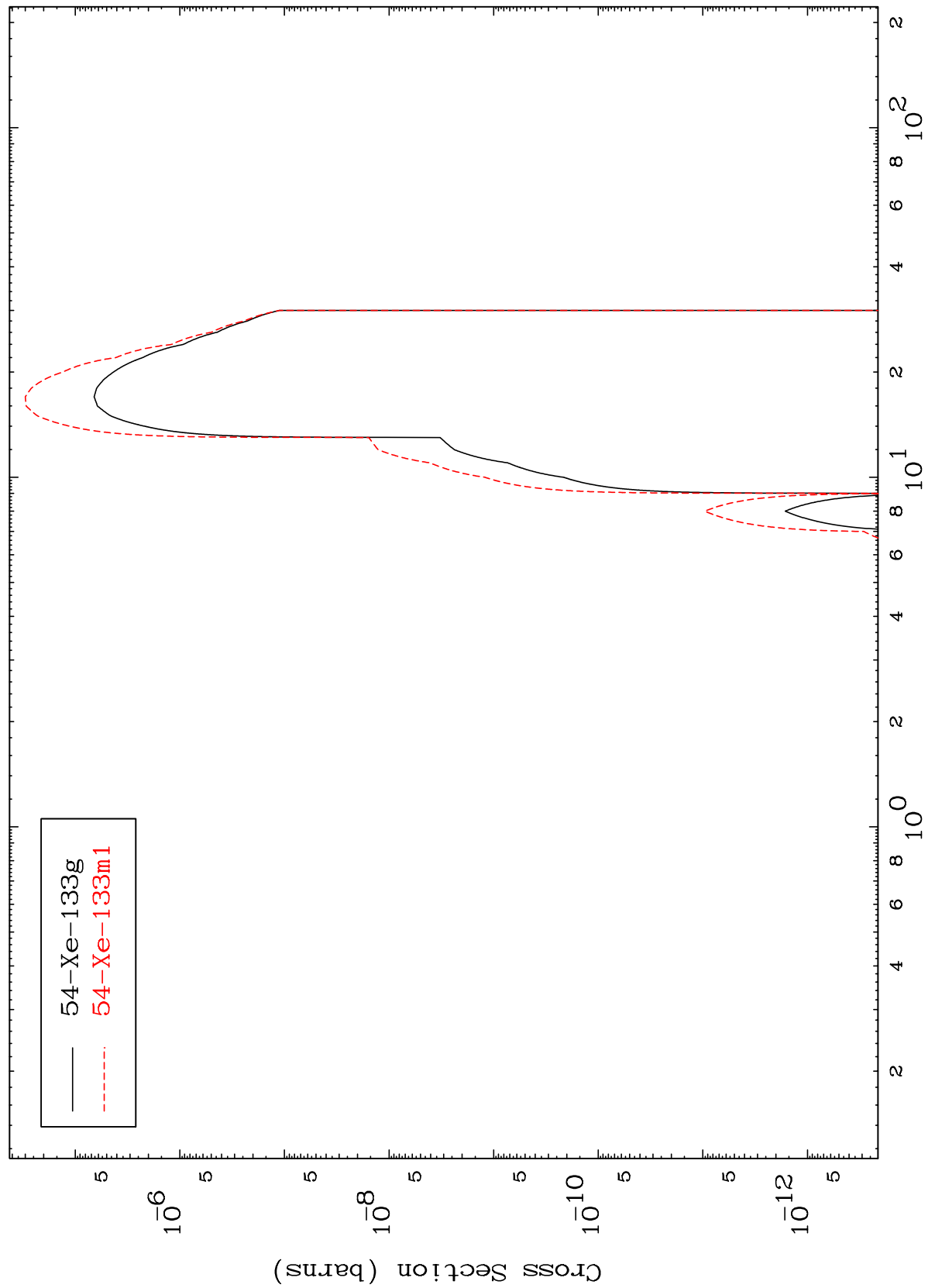
Incident Energy (MeV)

52-Te-129m

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52-Te-129m

Radionuclide Production Cross Section  
(n,  $\gamma$ )



— 54-Xe-133g  
- - - 54-Xe-133m1

52-Te-129m

Incident Energy (MeV)

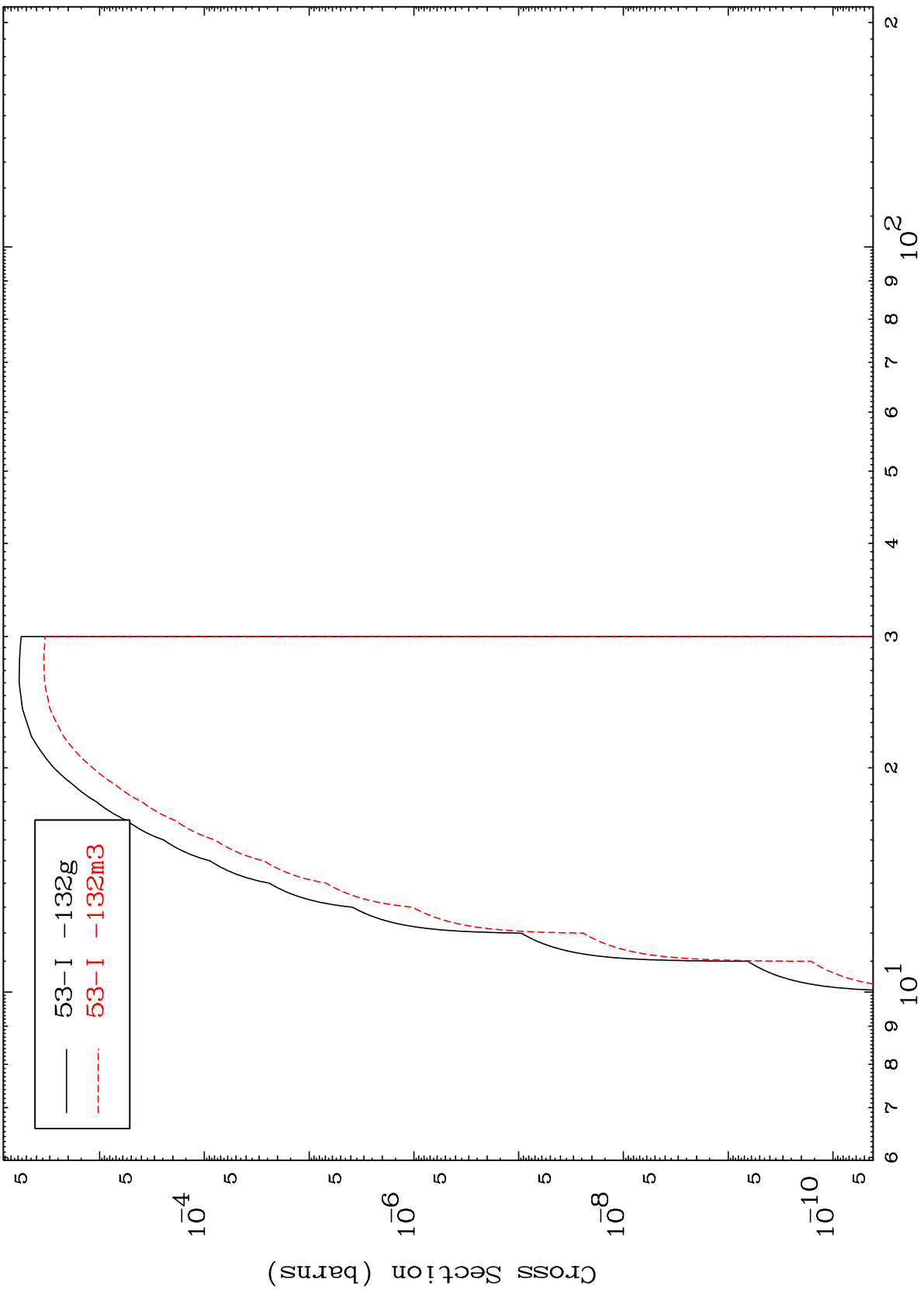
15



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52-Te-129m

(n,p)  
Radionuclide Production Cross Section



53-I -132g  
53-I -132m3

16

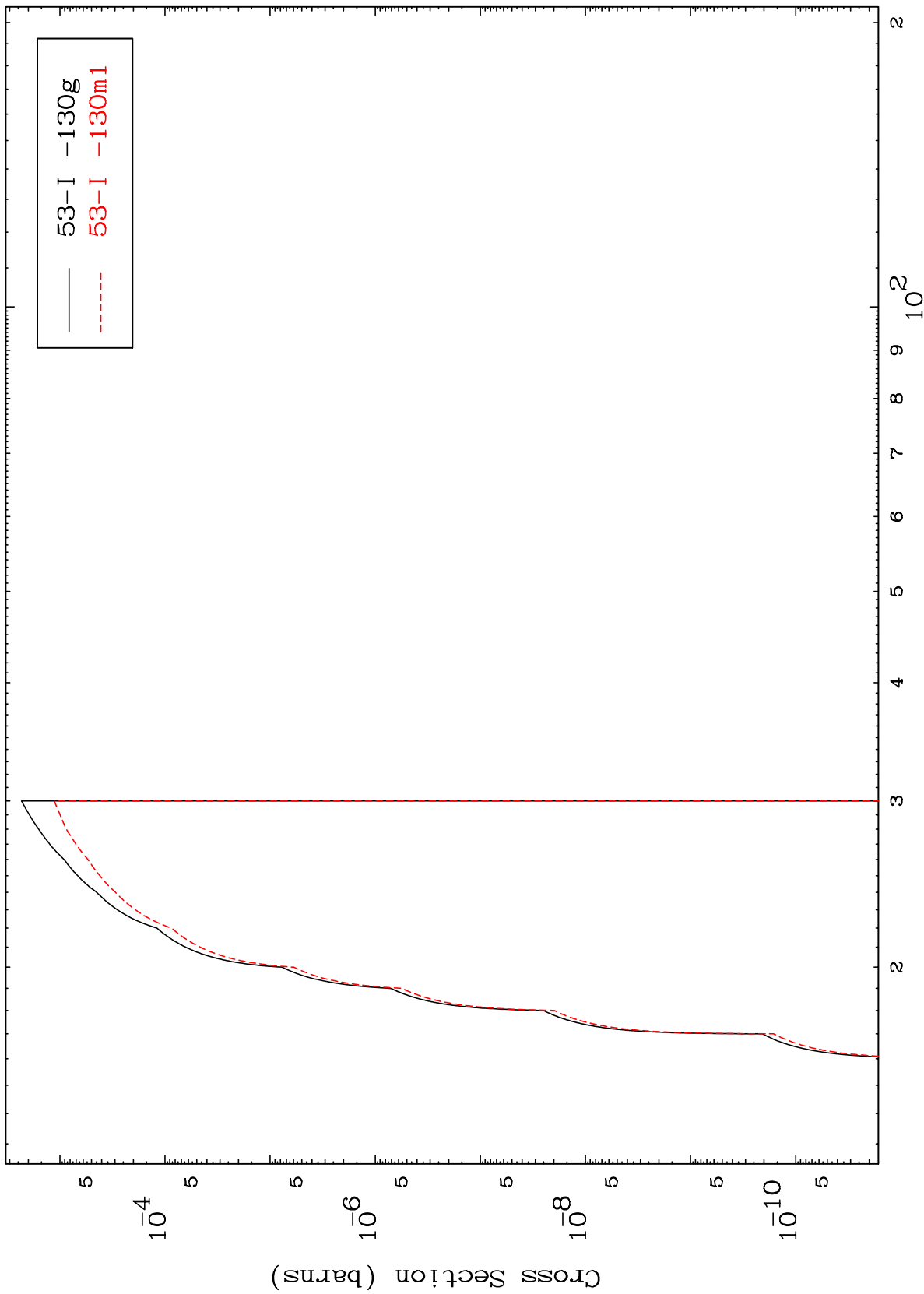
Incident Energy (MeV)

52-Te-129m

MAT 5253

52-Te-129m

(n,t)  
Radionuclide Production Cross Section



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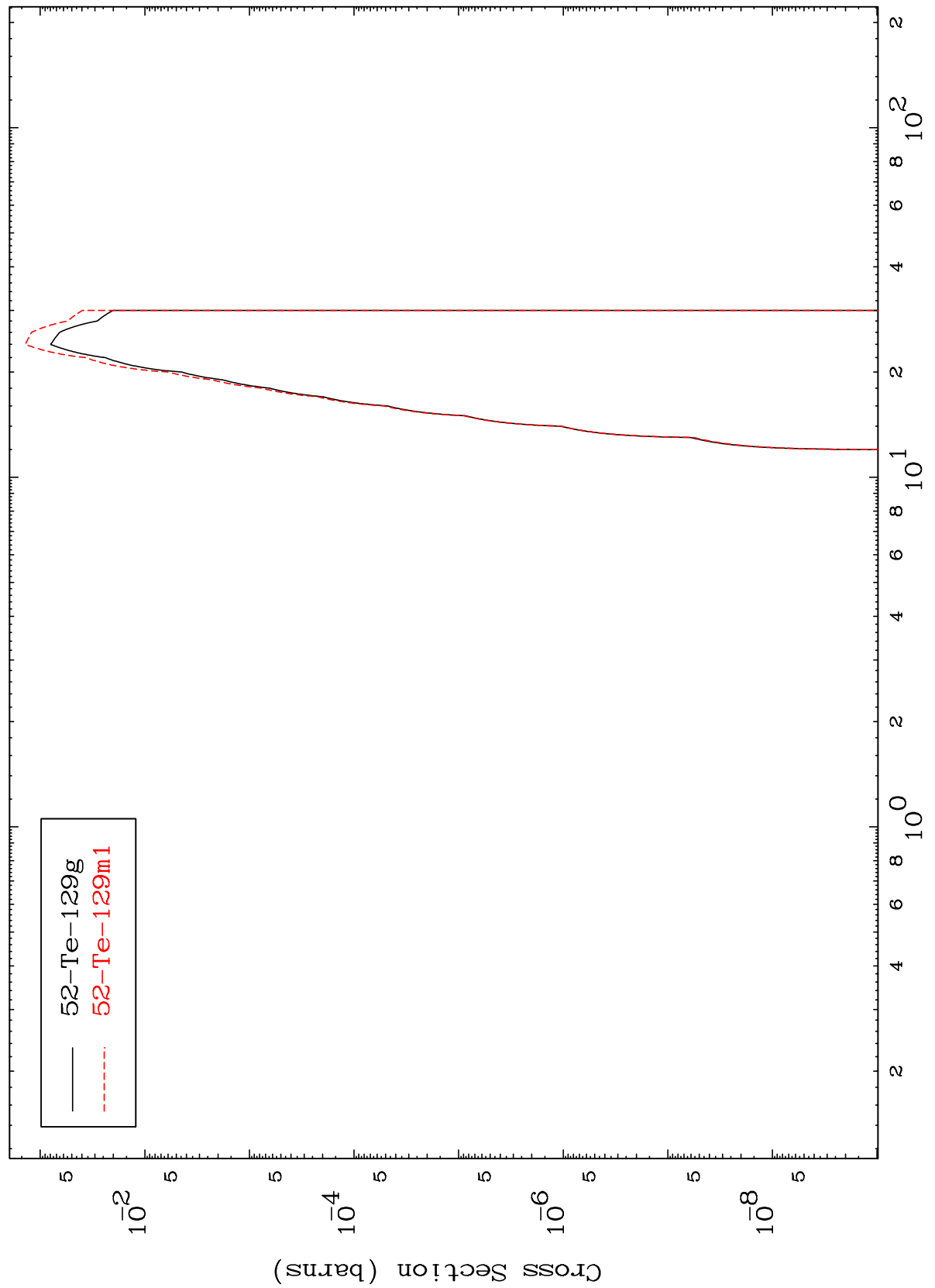
52-Te-129m

Incident Energy (MeV)

MAT 5253

52-Te-129m

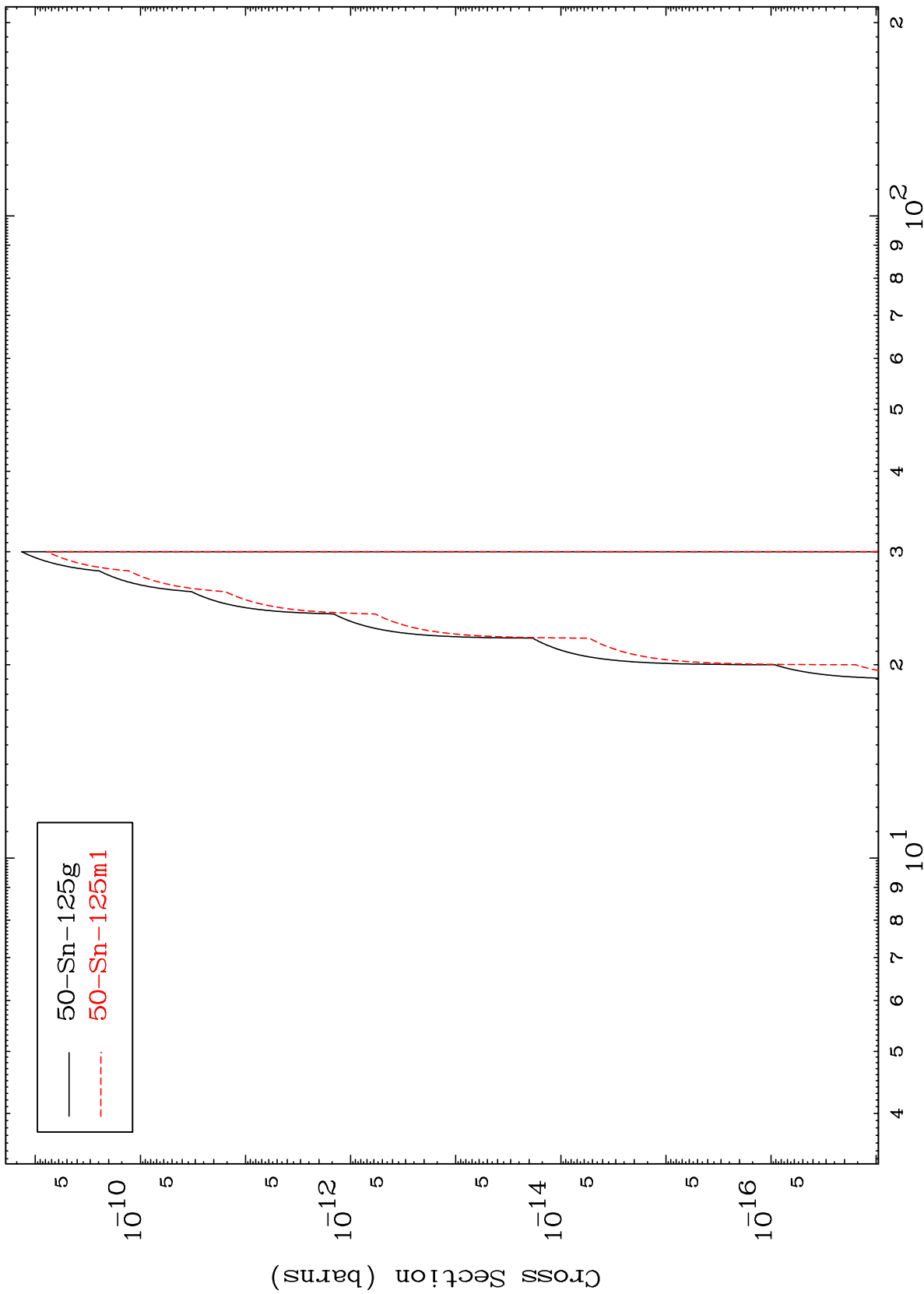
(n,  $\alpha$ )  
Radionuclide Production Cross Section



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52-Te-129m

Radionuclide Production Cross Section (n,2α)



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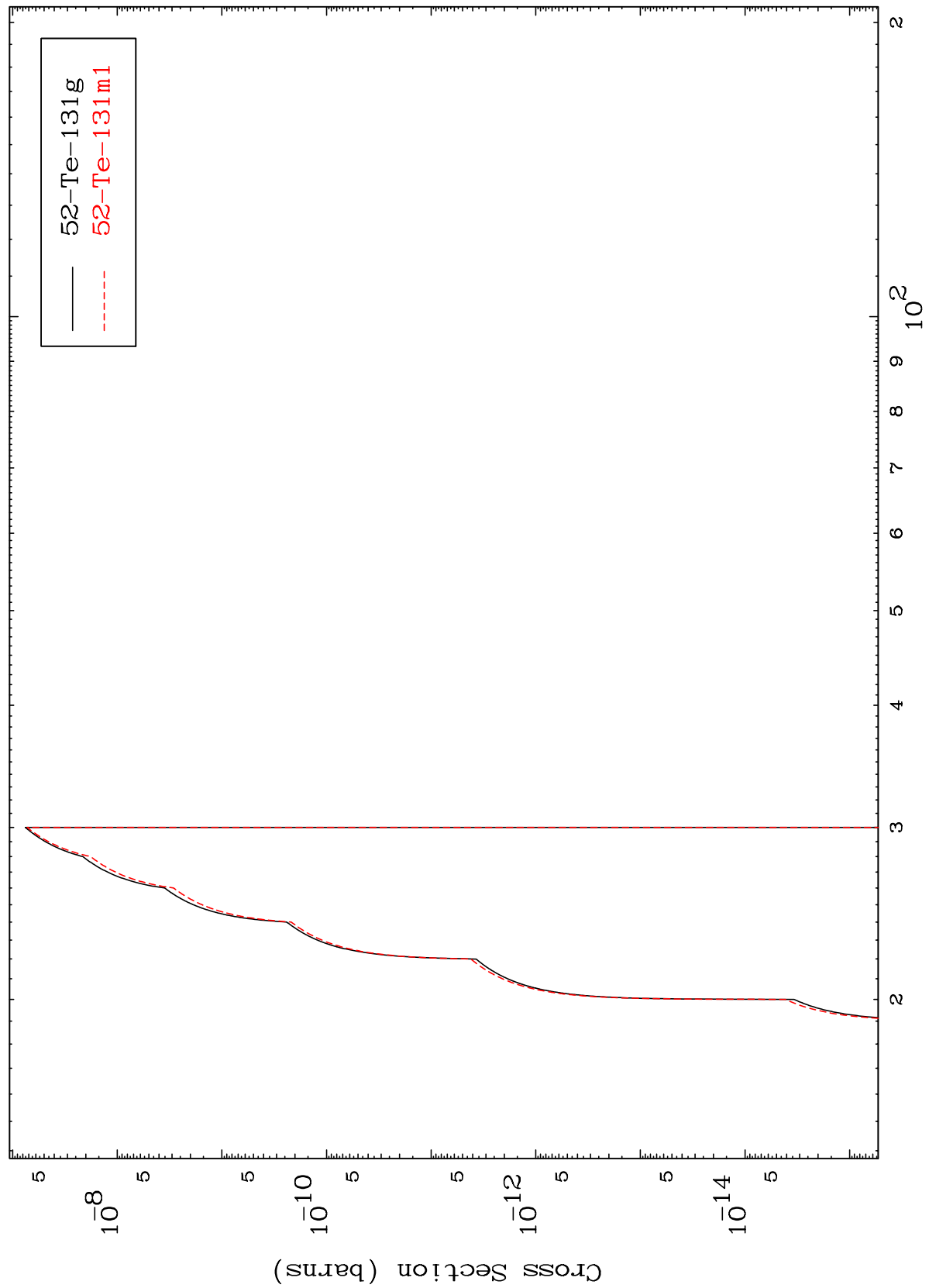
Incident Energy (MeV)

52-Te-129m

MAT 5253

52-Te-129m

(n,2p)  
Radionuclide Production Cross Section



20

52-Te-129m

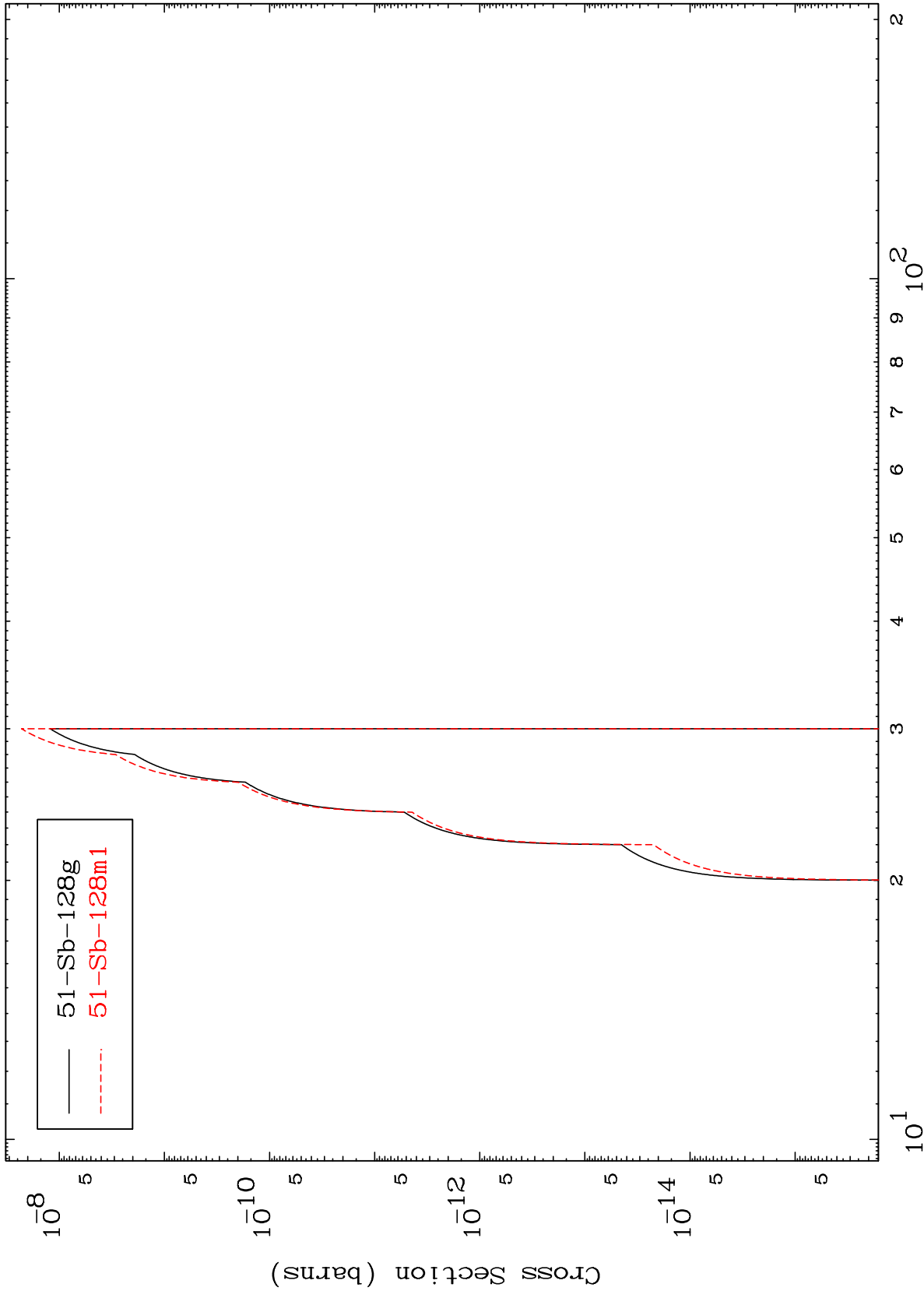
Incident Energy (MeV)

MAT 5253

(n,p)  $\alpha$

52-Te-129m

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-129m

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