

Program EVALPLOT  
(Version 2021-1)

by

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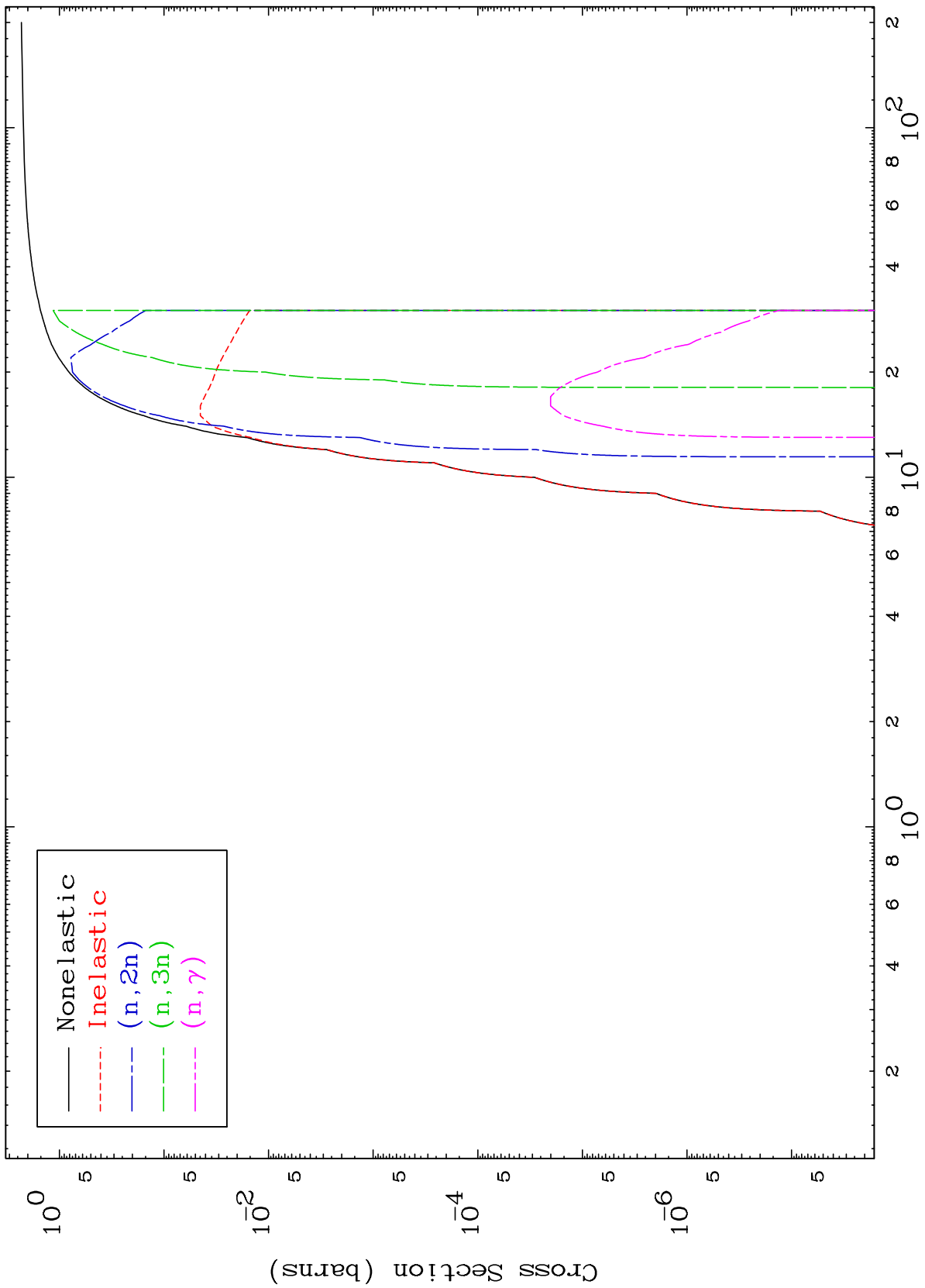
Press Mouse Button to Start

MAT 5259

$\alpha$  Major

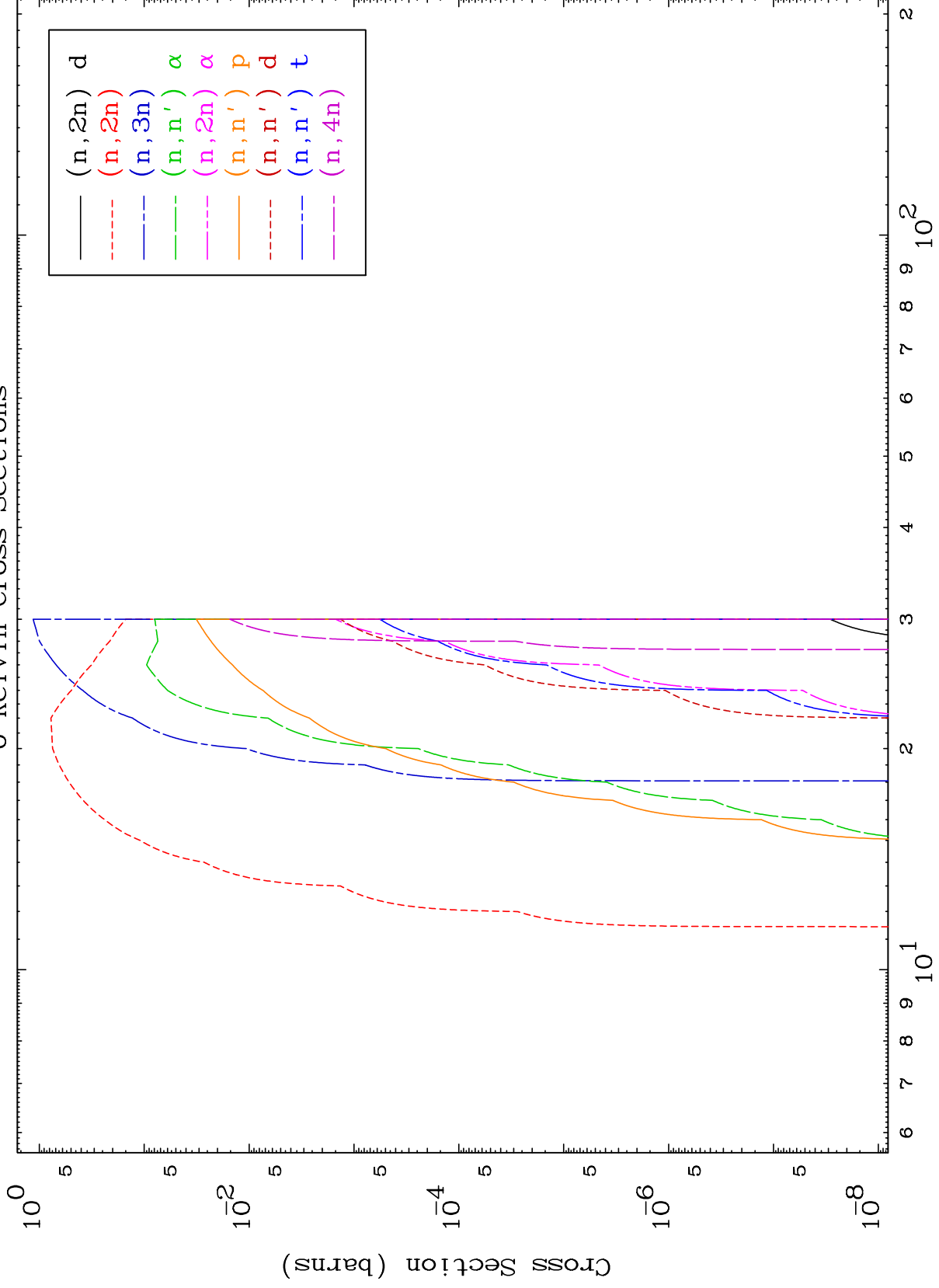
52-Te-131m

0 Kelvin Cross Sections



Incident Energy (MeV)

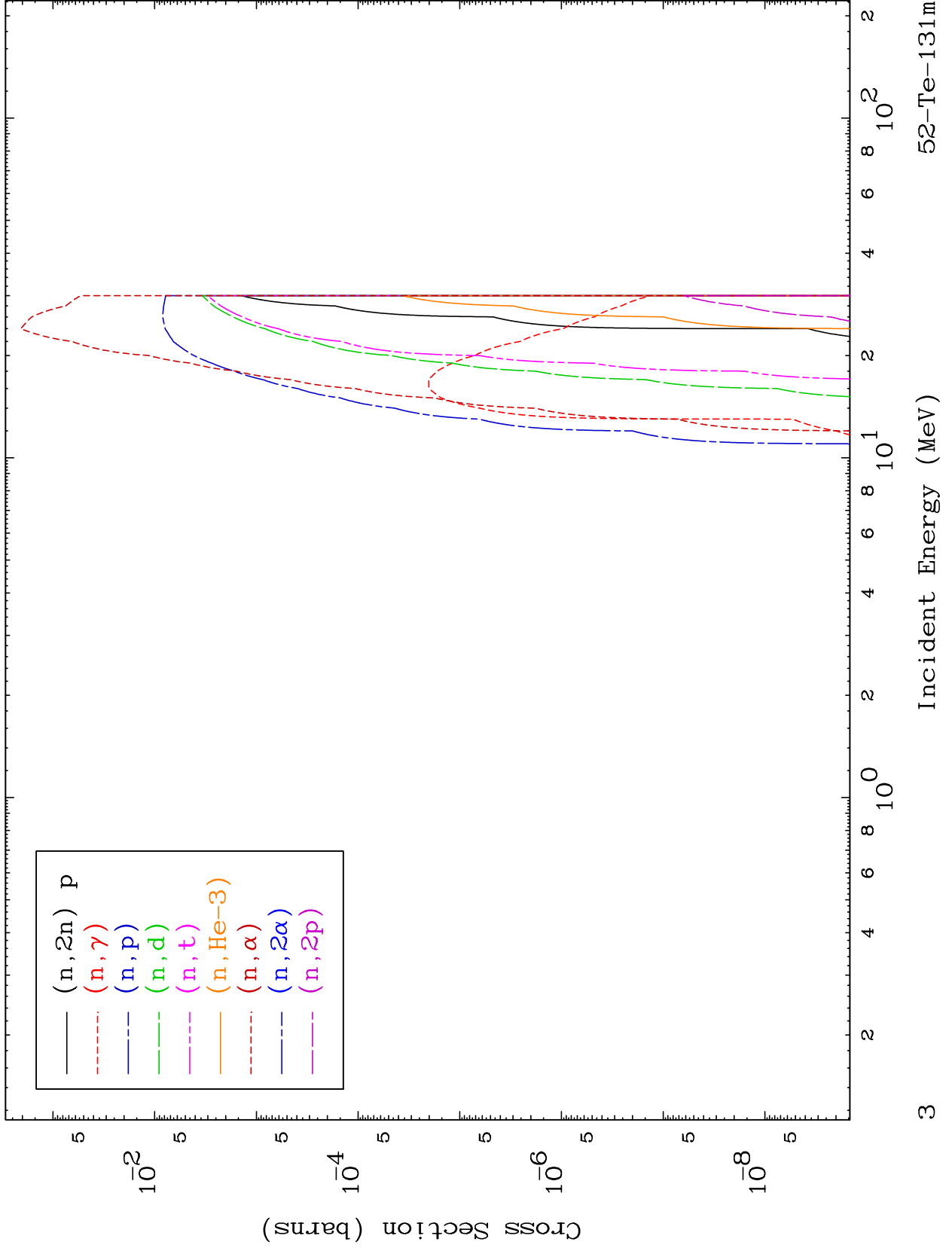
52-Te-131m



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$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

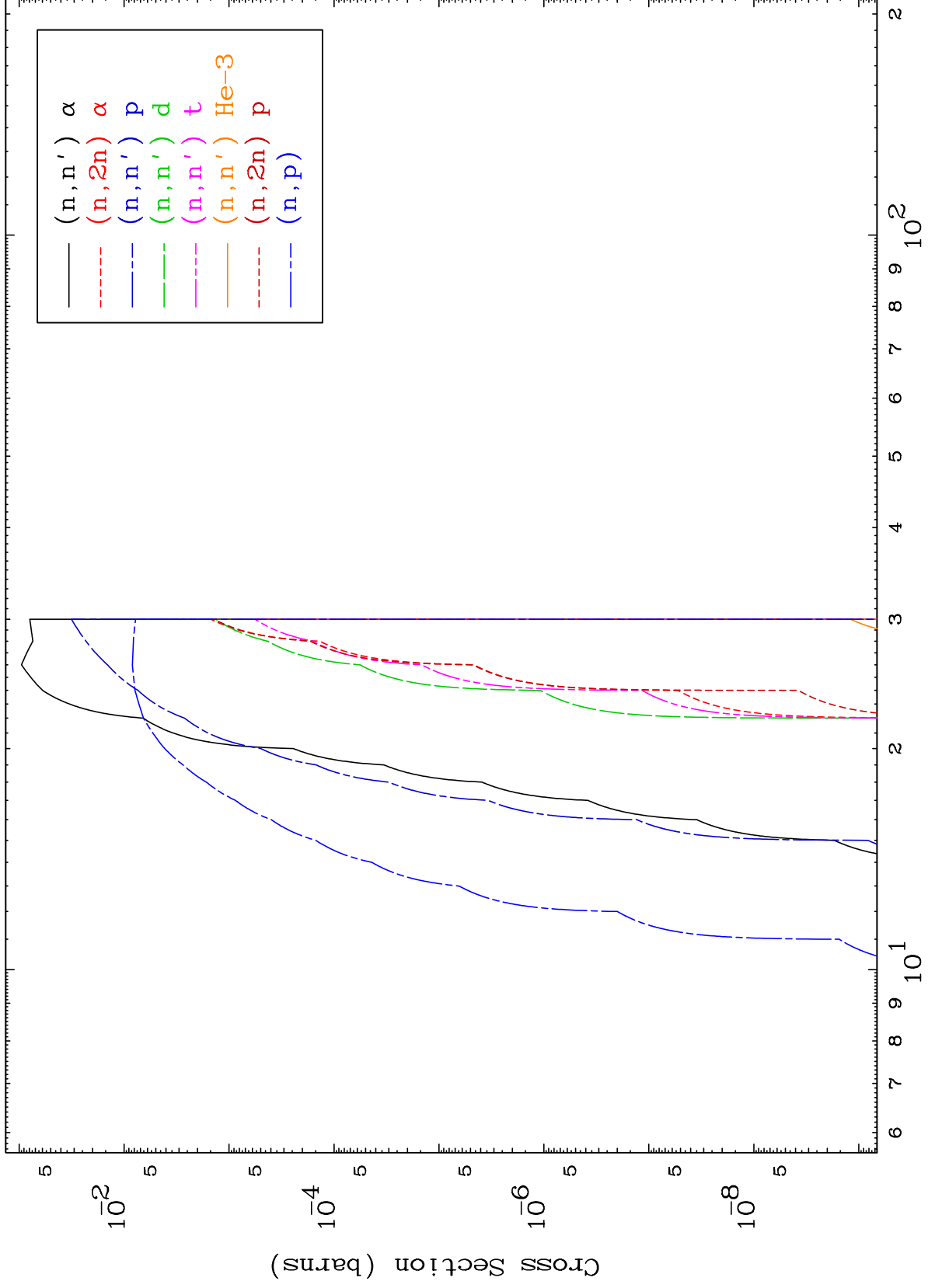
52-Te-131m

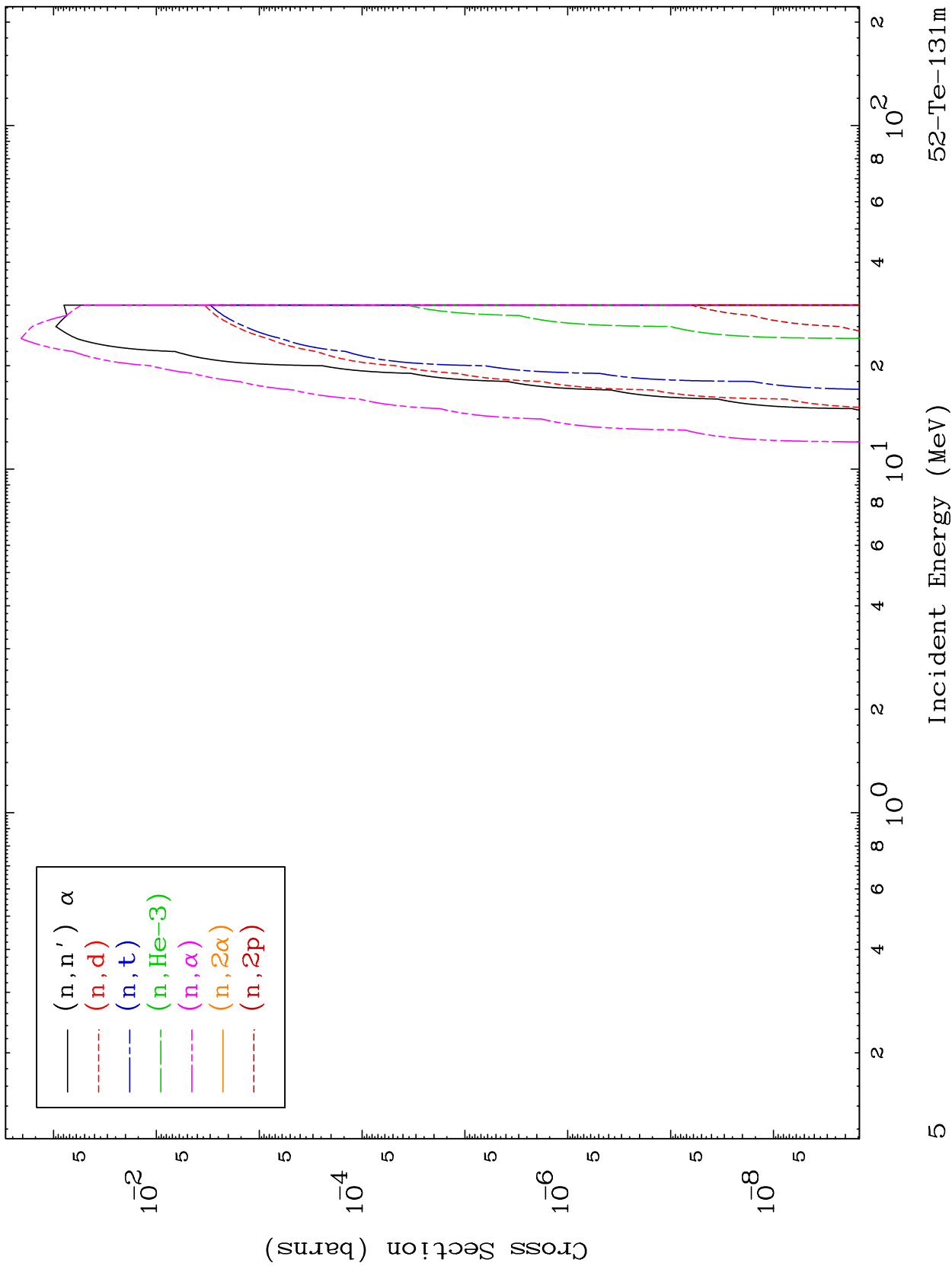


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$\alpha$  Charged Particle  
0 Kelvin Cross Sections

52-Te-131m

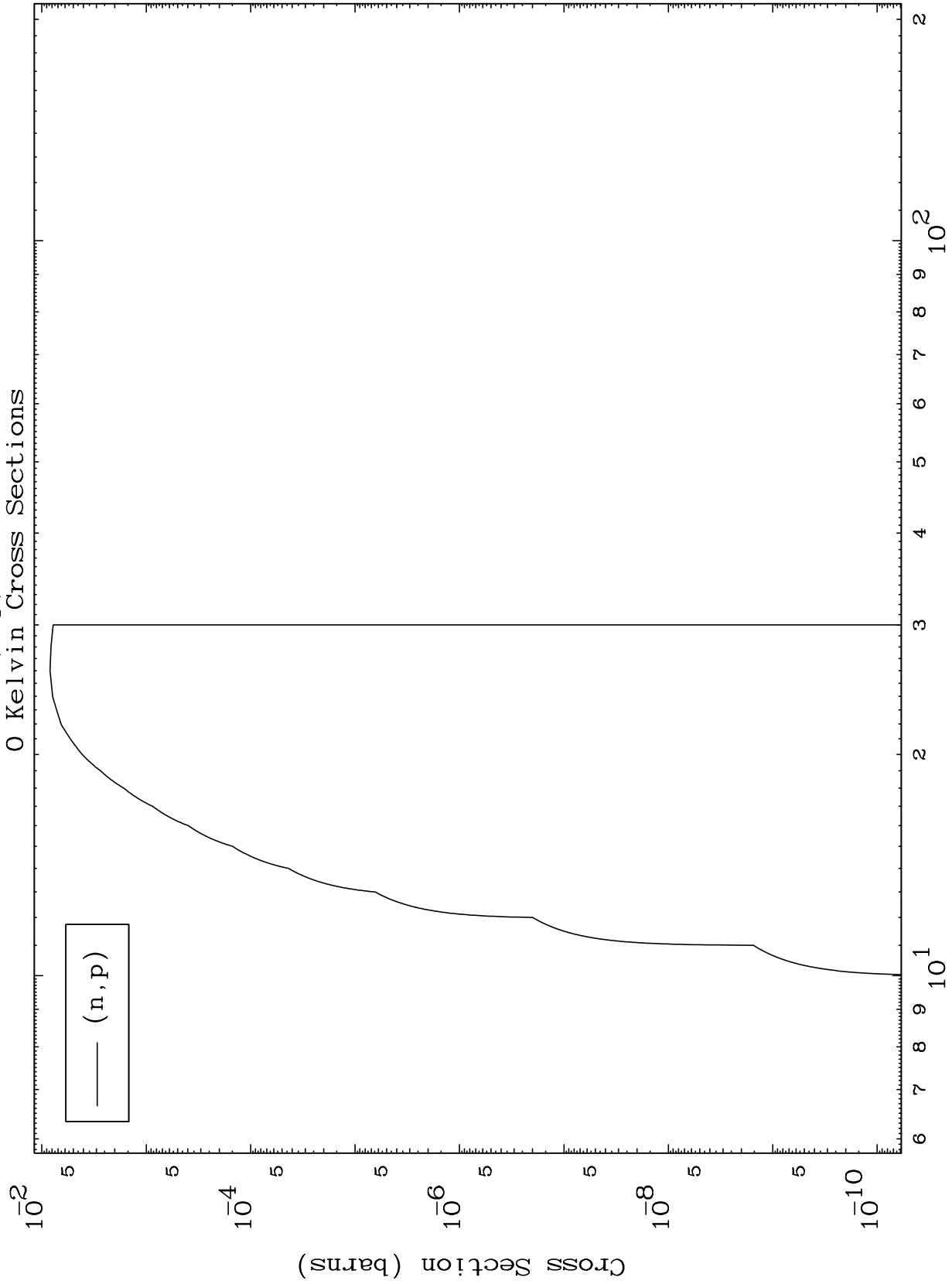




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( $\alpha, p$ ) Levels

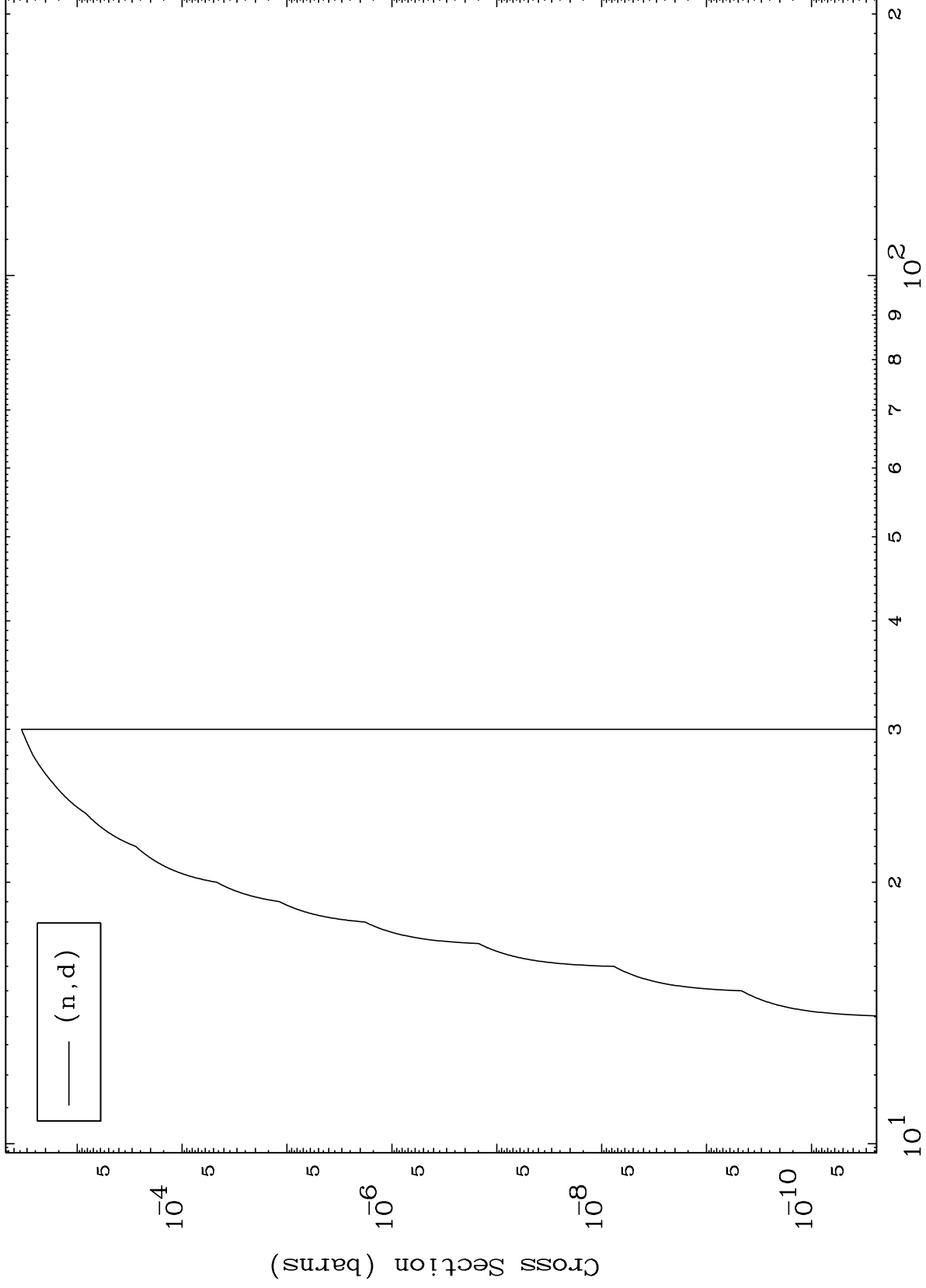
52-Te-131m



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

52-Te-131m



52-Te-131m

Incident Energy (MeV)

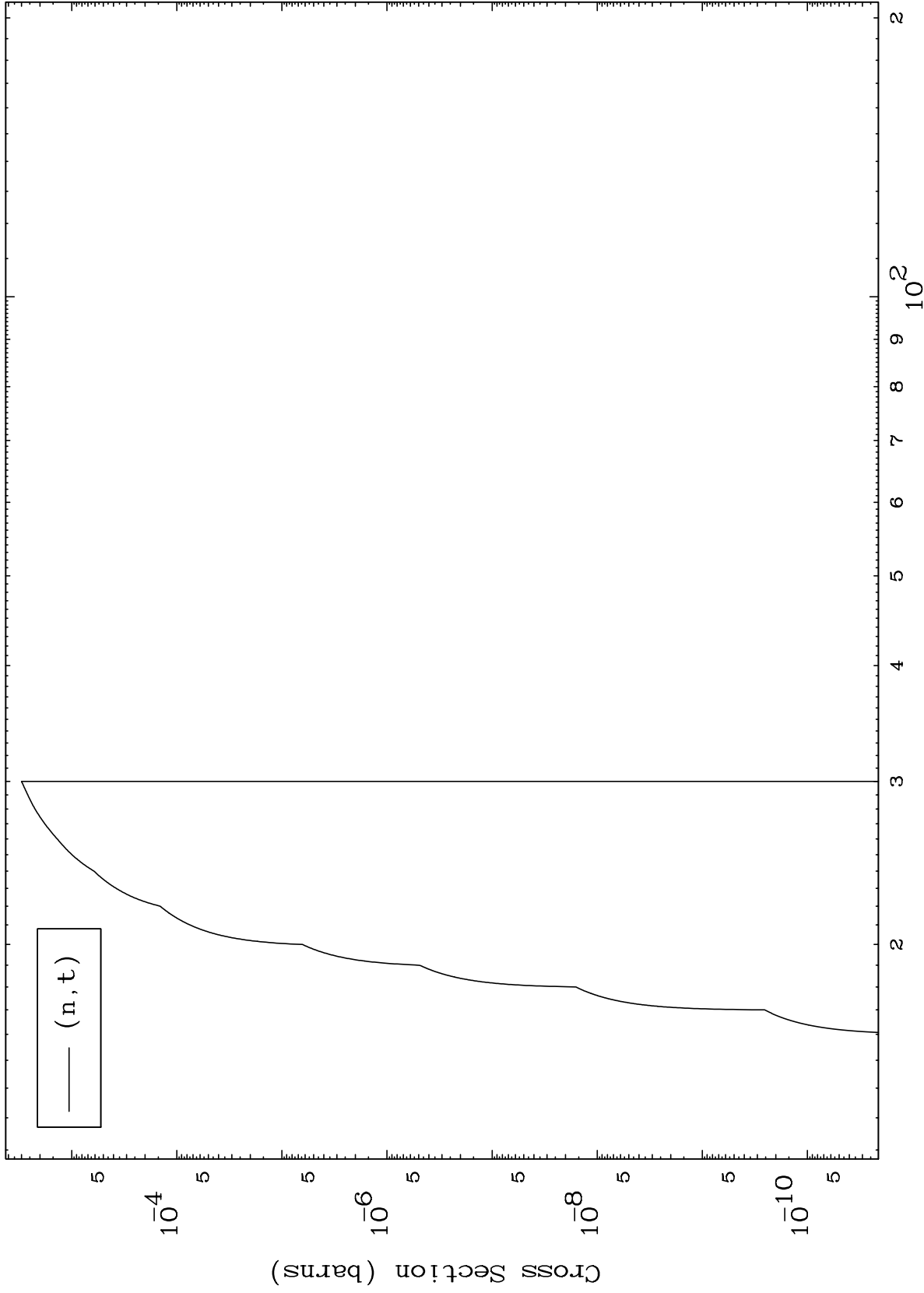
7



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

52-Te-131m



8

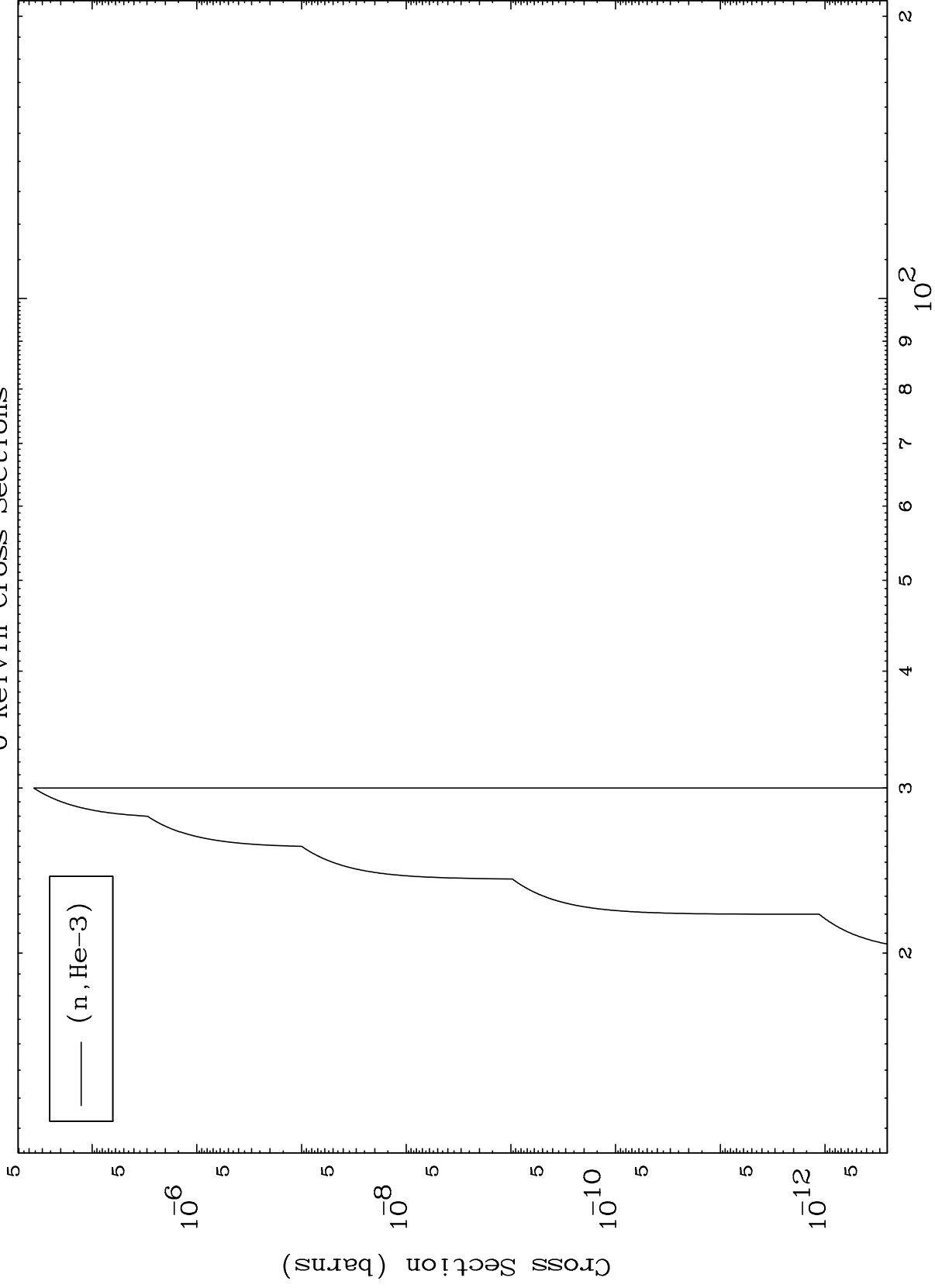
Incident Energy (MeV)

52-Te-131m

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( $\alpha, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

52-Te-131m

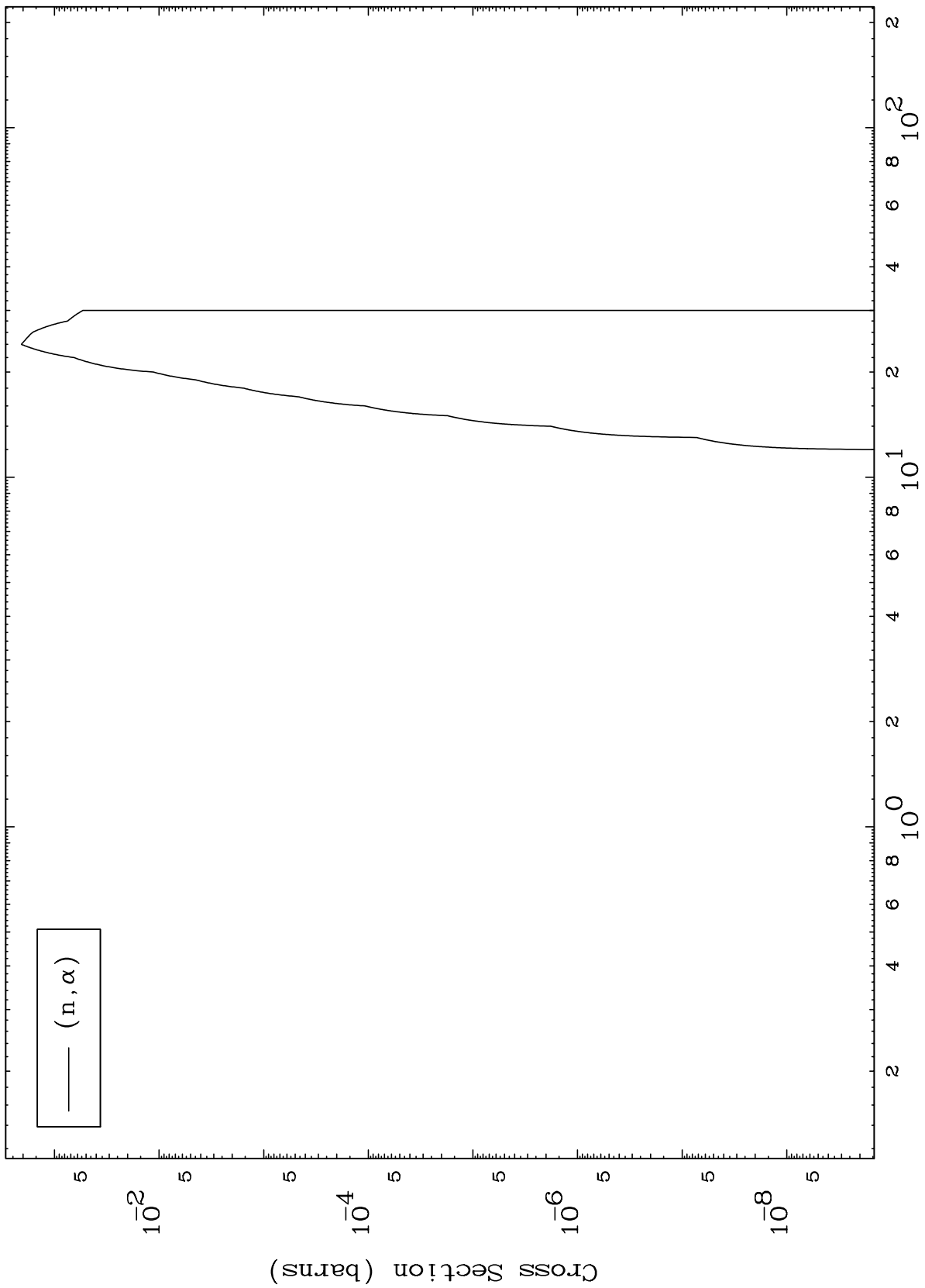


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( $\alpha, \alpha$ ) Levels

52-Te-131m

0 Kelvin Cross Sections



10

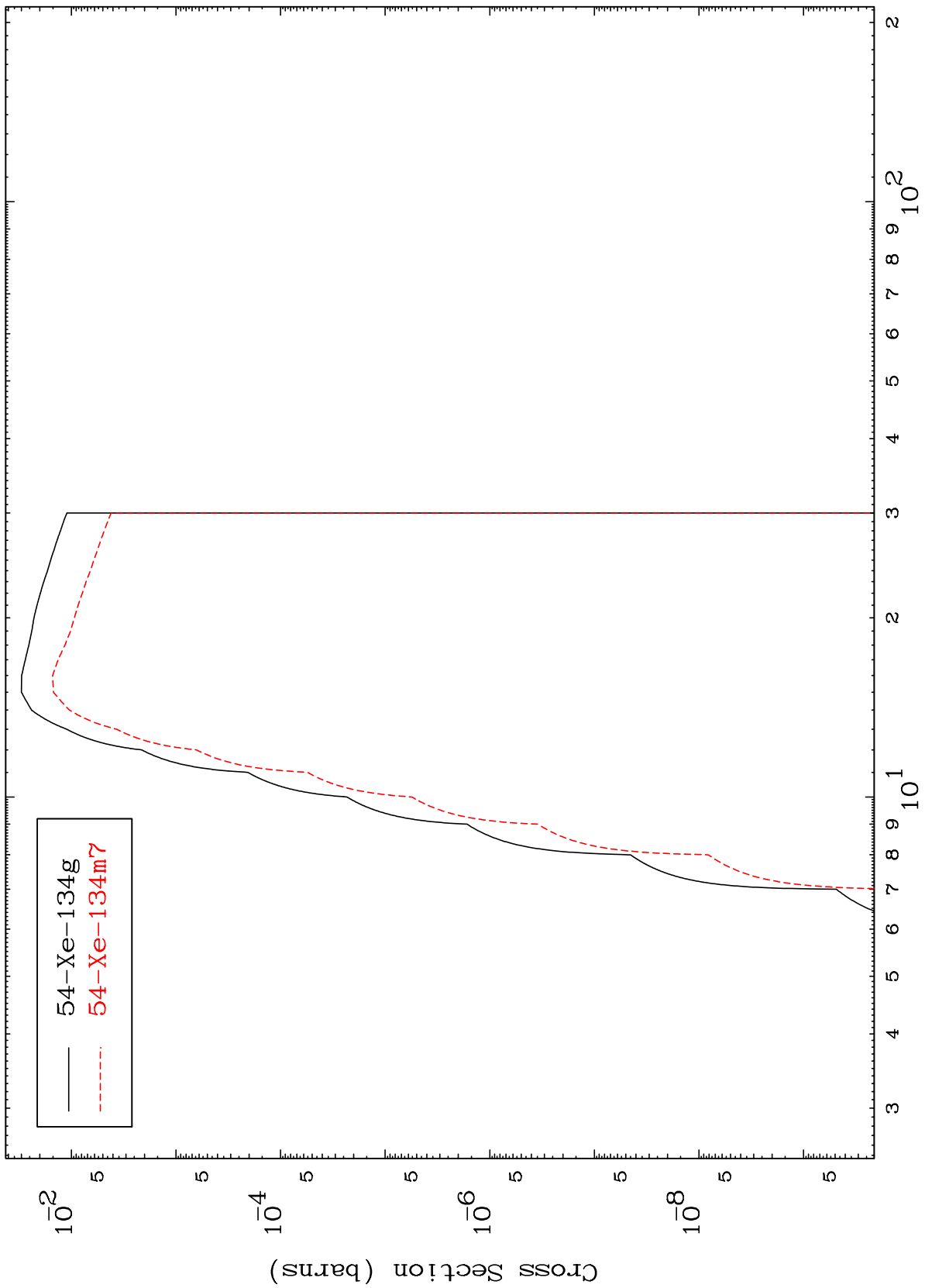
Incident Energy (MeV)

52-Te-131m

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52-Te-131m

Radionuclide Production Cross Section



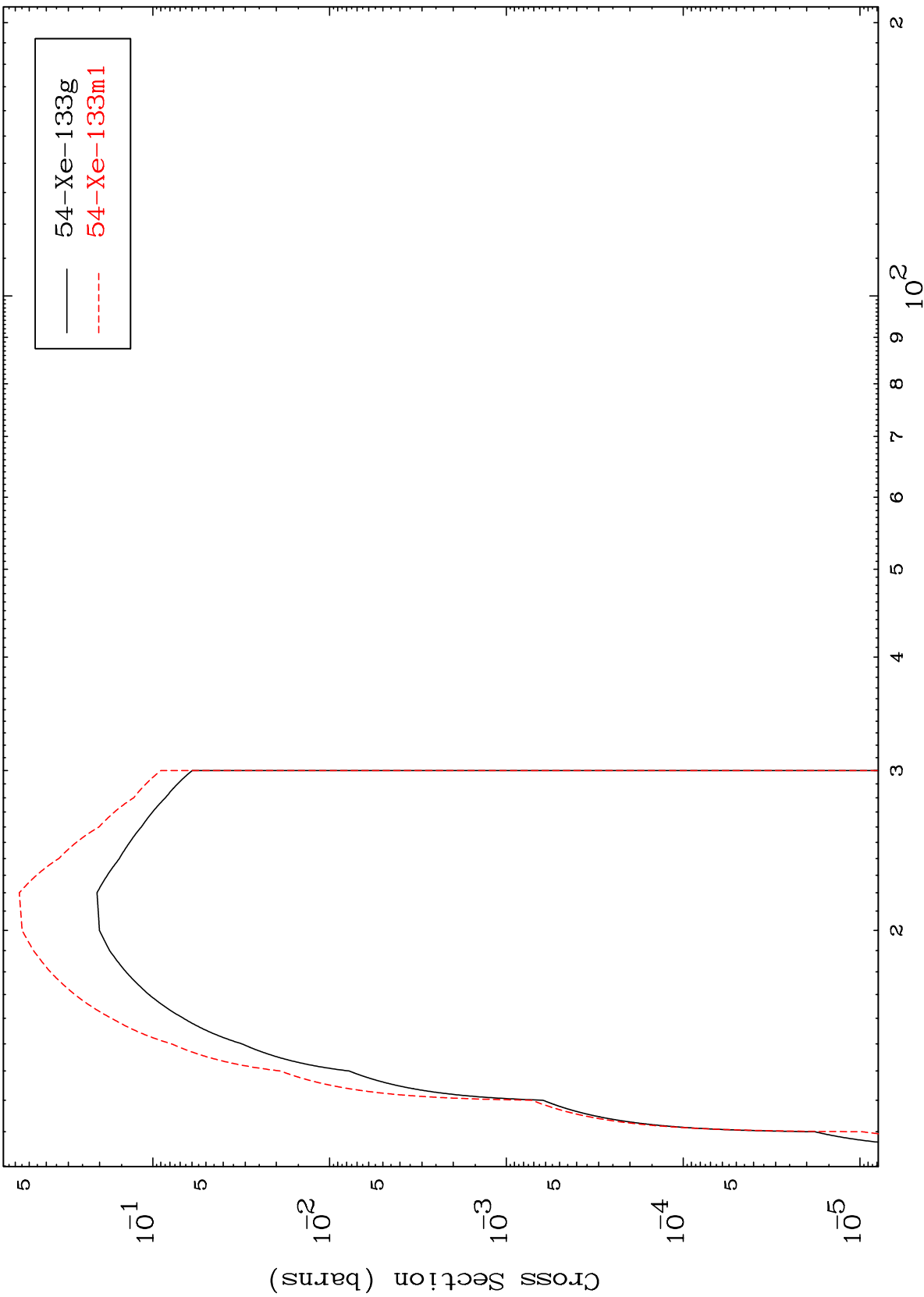
11

52-Te-131m

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52-Te-131m

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

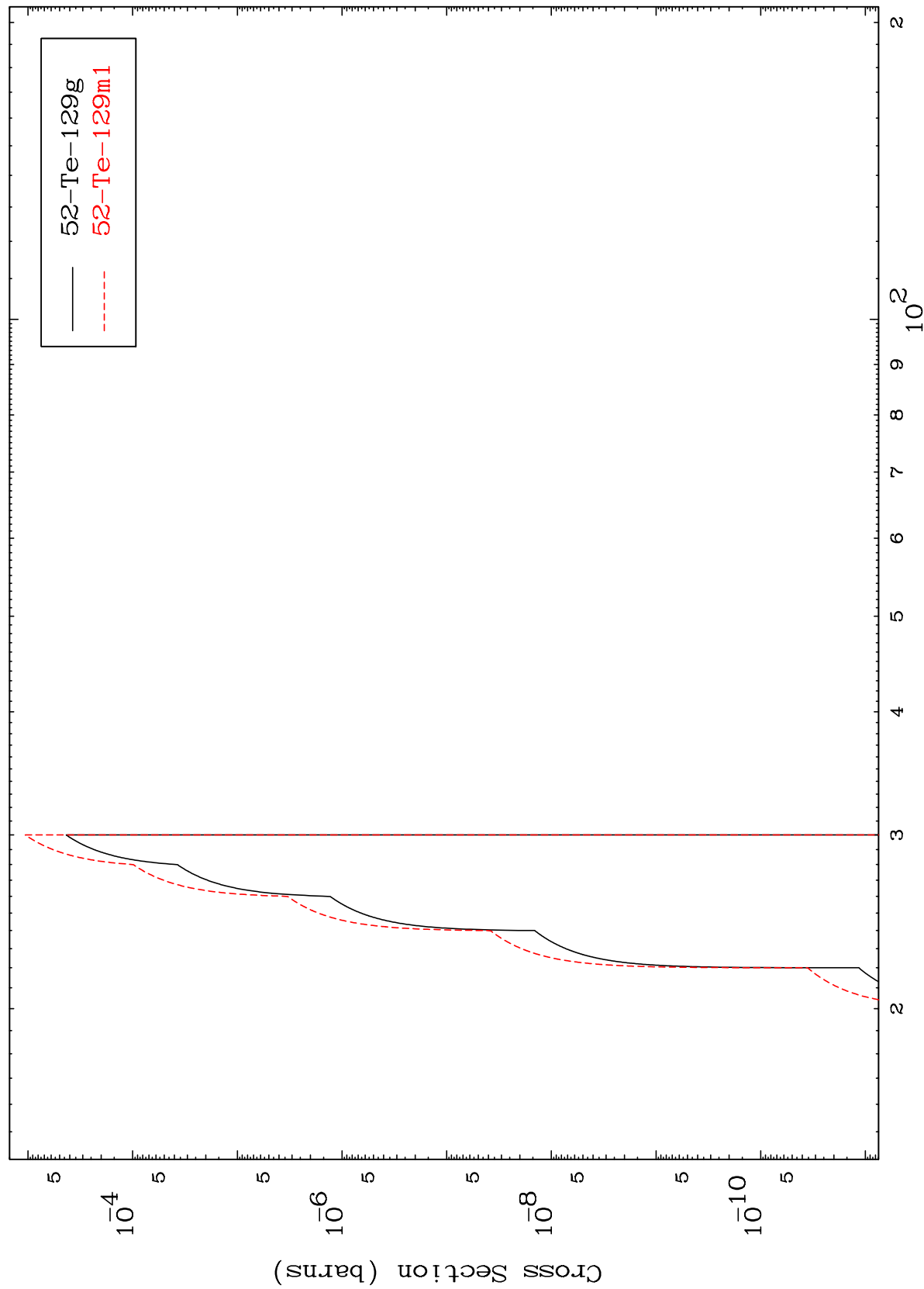
52-Te-131m

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$(n,2n) \alpha$

52-Te-131m

Radionuclide Production Cross Section



13

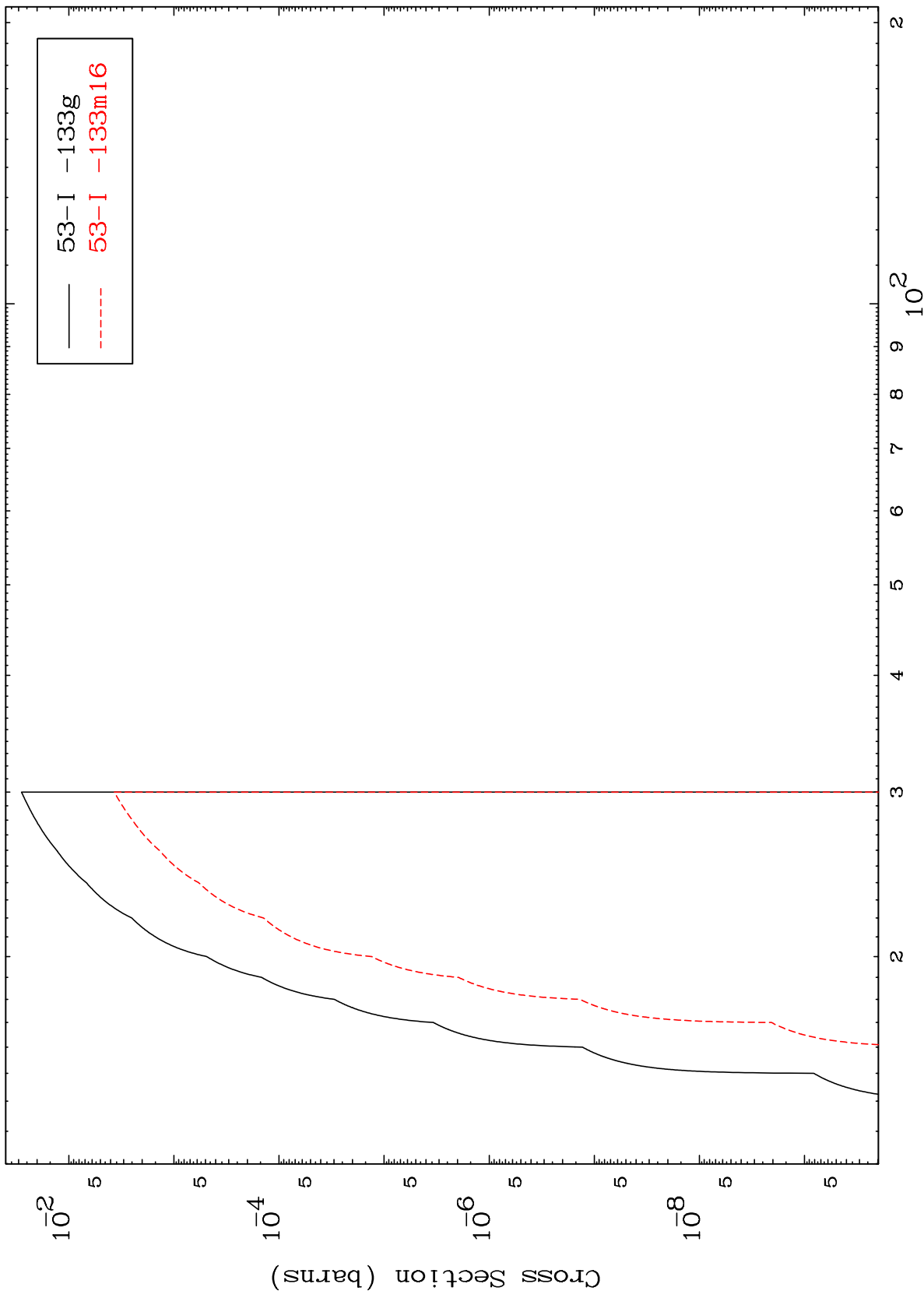
Incident Energy (MeV)

52-Te-131m

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52-Te-131m

(n,n') p  
Radionuclide Production Cross Section



52-Te-131m

Incident Energy (MeV)

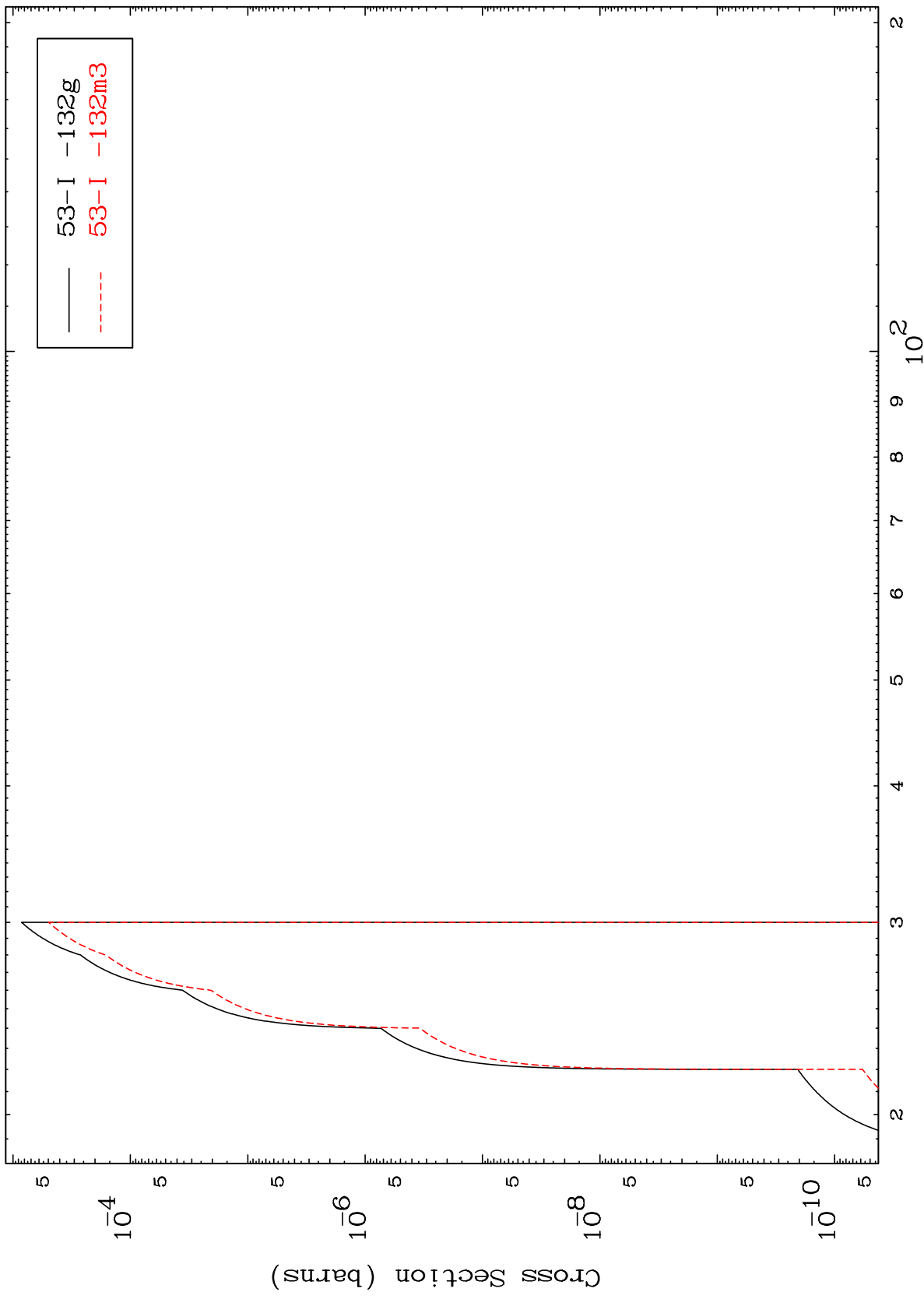
14

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(n,n') d

52-Te-131m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

52-Te-131m

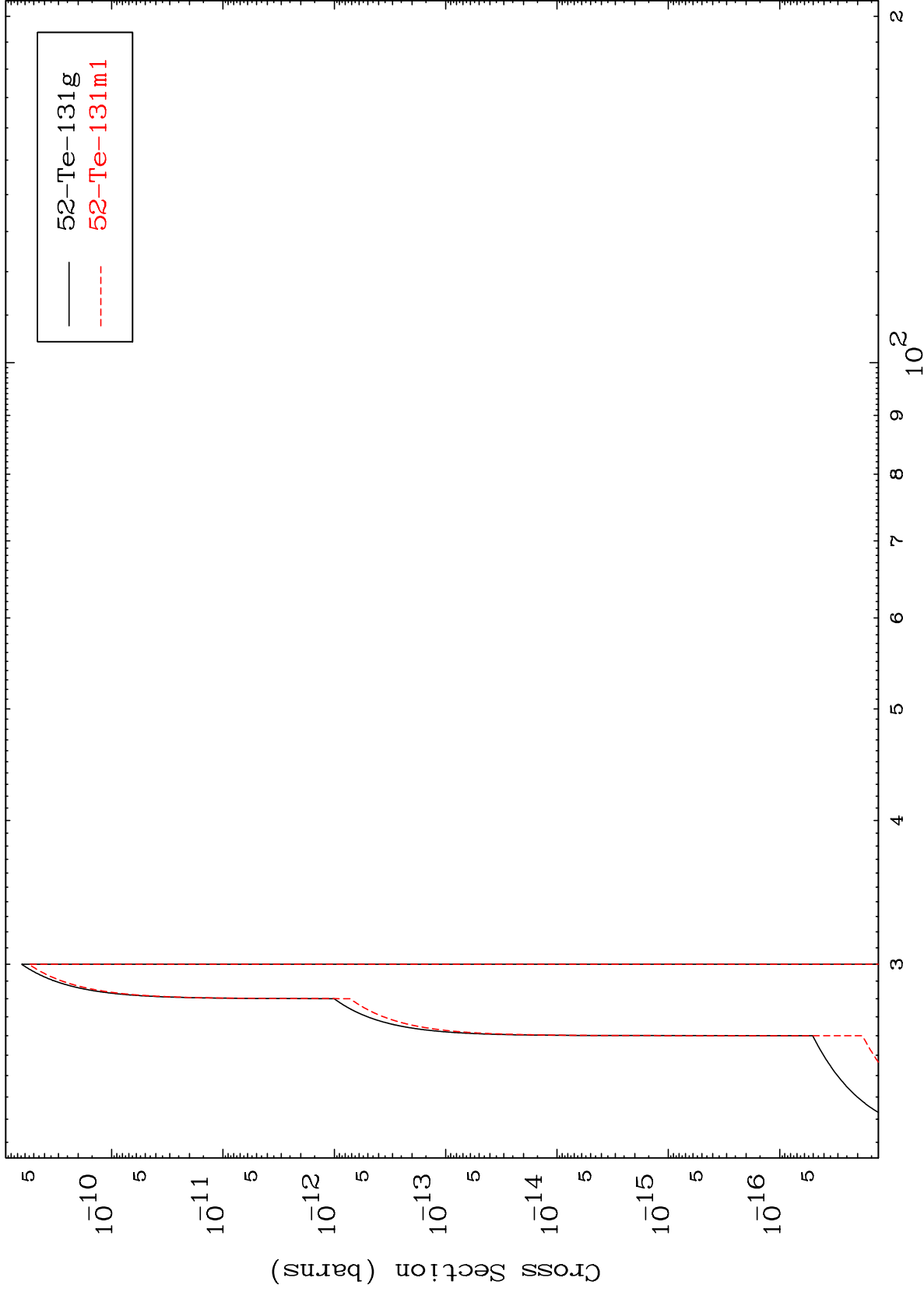


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(n,n') He-3

52-Te-131m

Radionuclide Production Cross Section



16

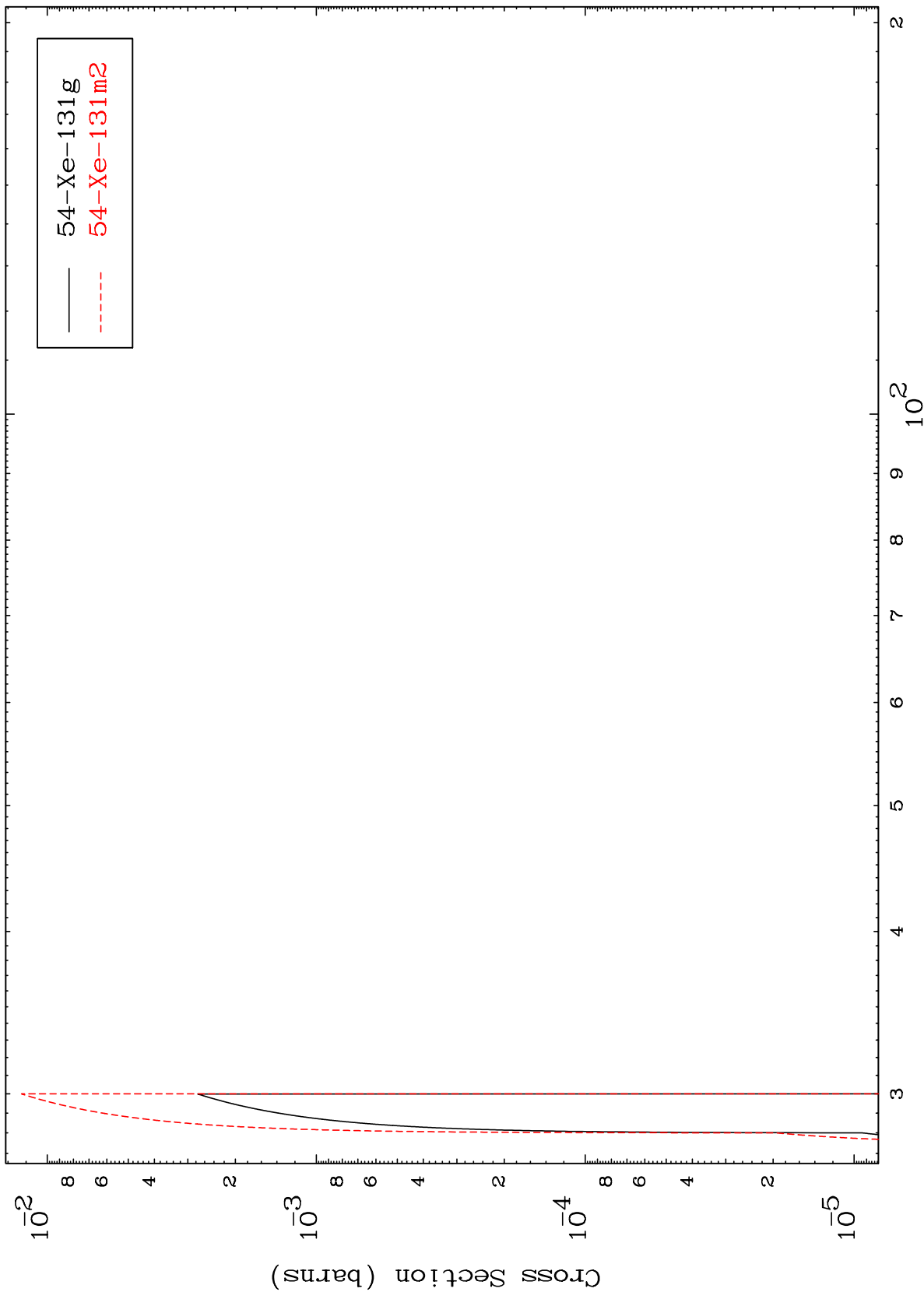
Incident Energy (MeV)

52-Te-131m

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52-Te-131m

(n,4n)  
Radionuclide Production Cross Section



17

52-Te-131m

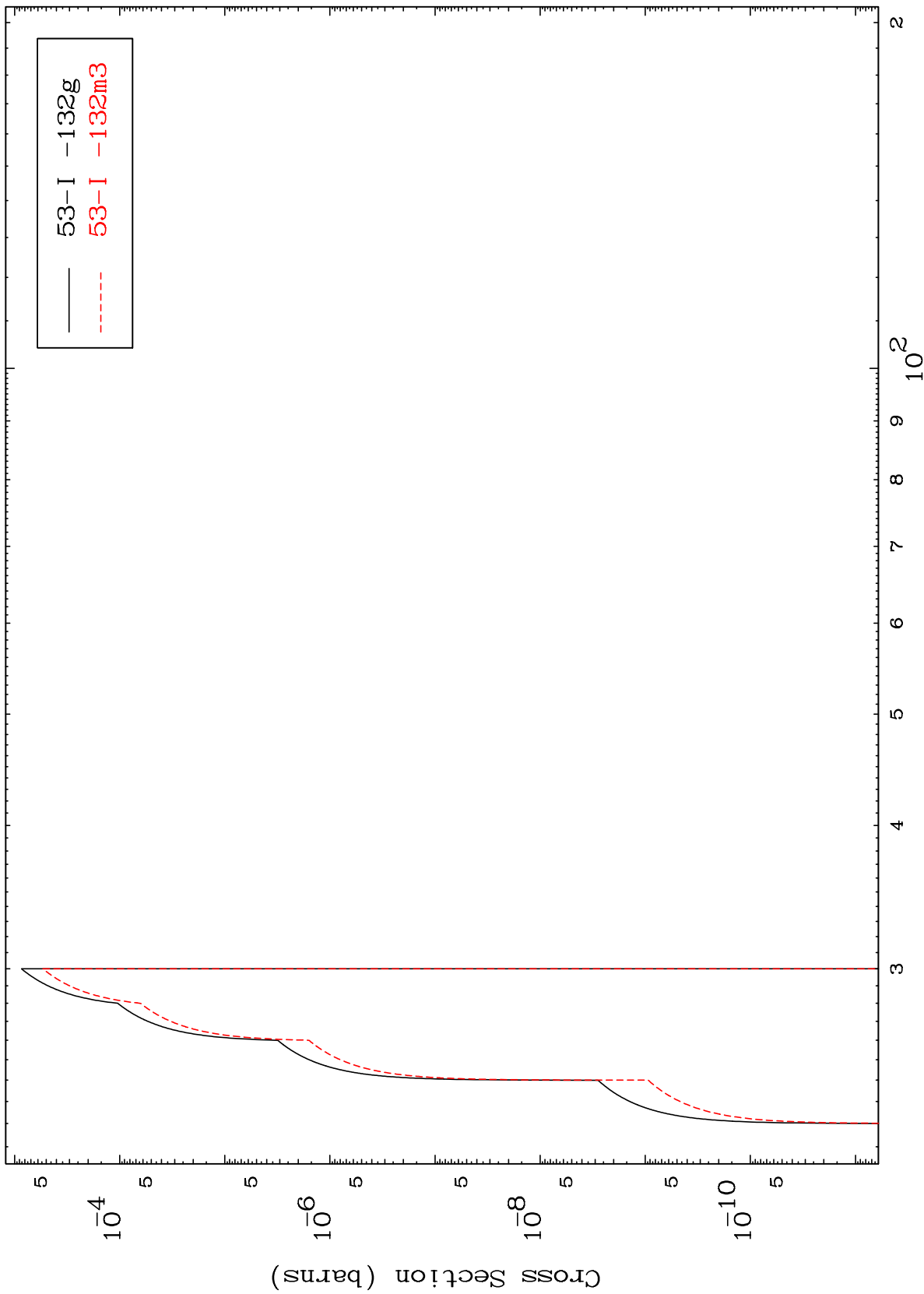
Incident Energy (MeV)

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(n,2n) p

52-Te-131m

Radionuclide Production Cross Section



18

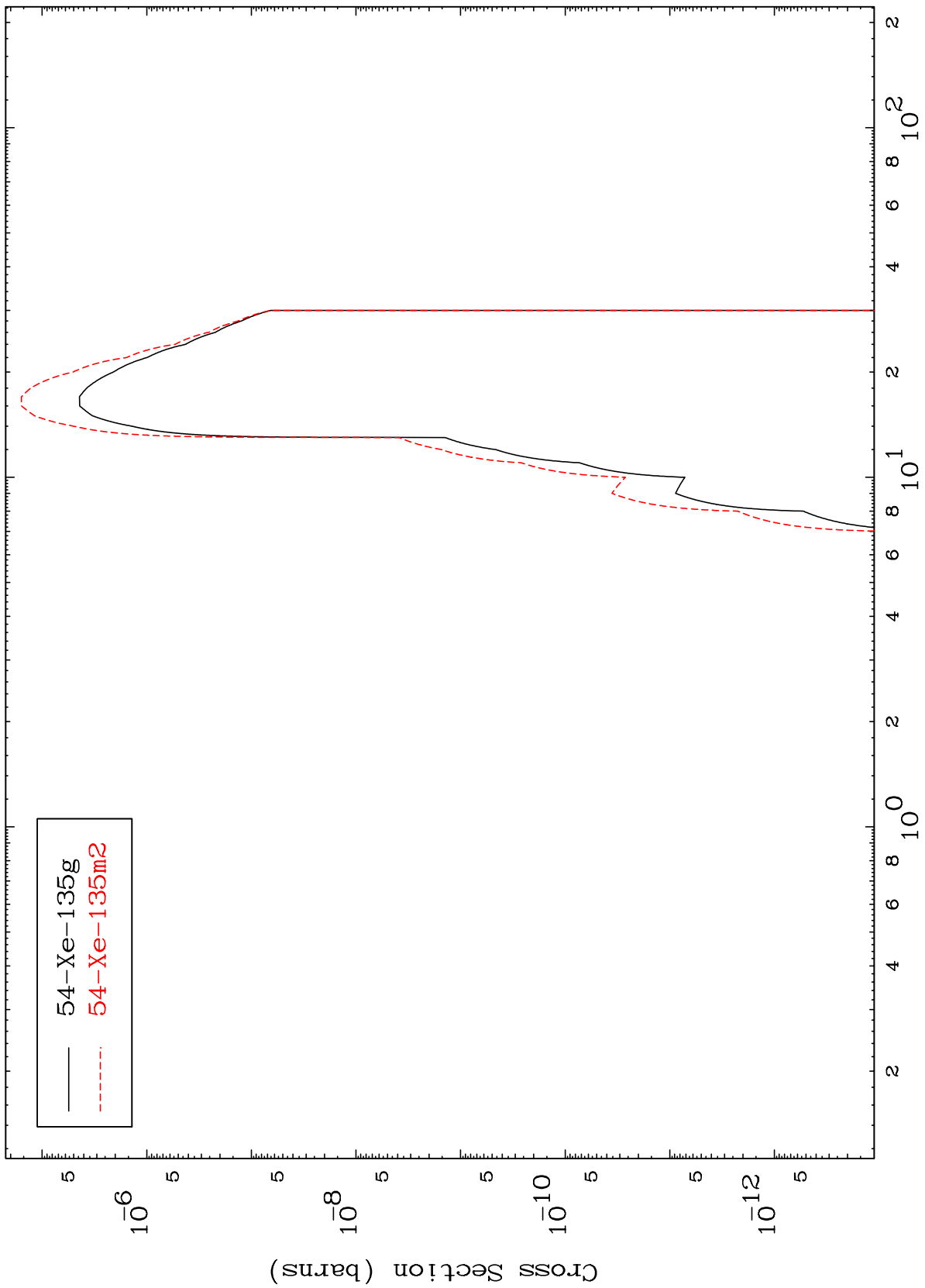
Incident Energy (MeV)

52-Te-131m

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52-Te-131m

Radionuclide Production Cross Section



52-Te-131m

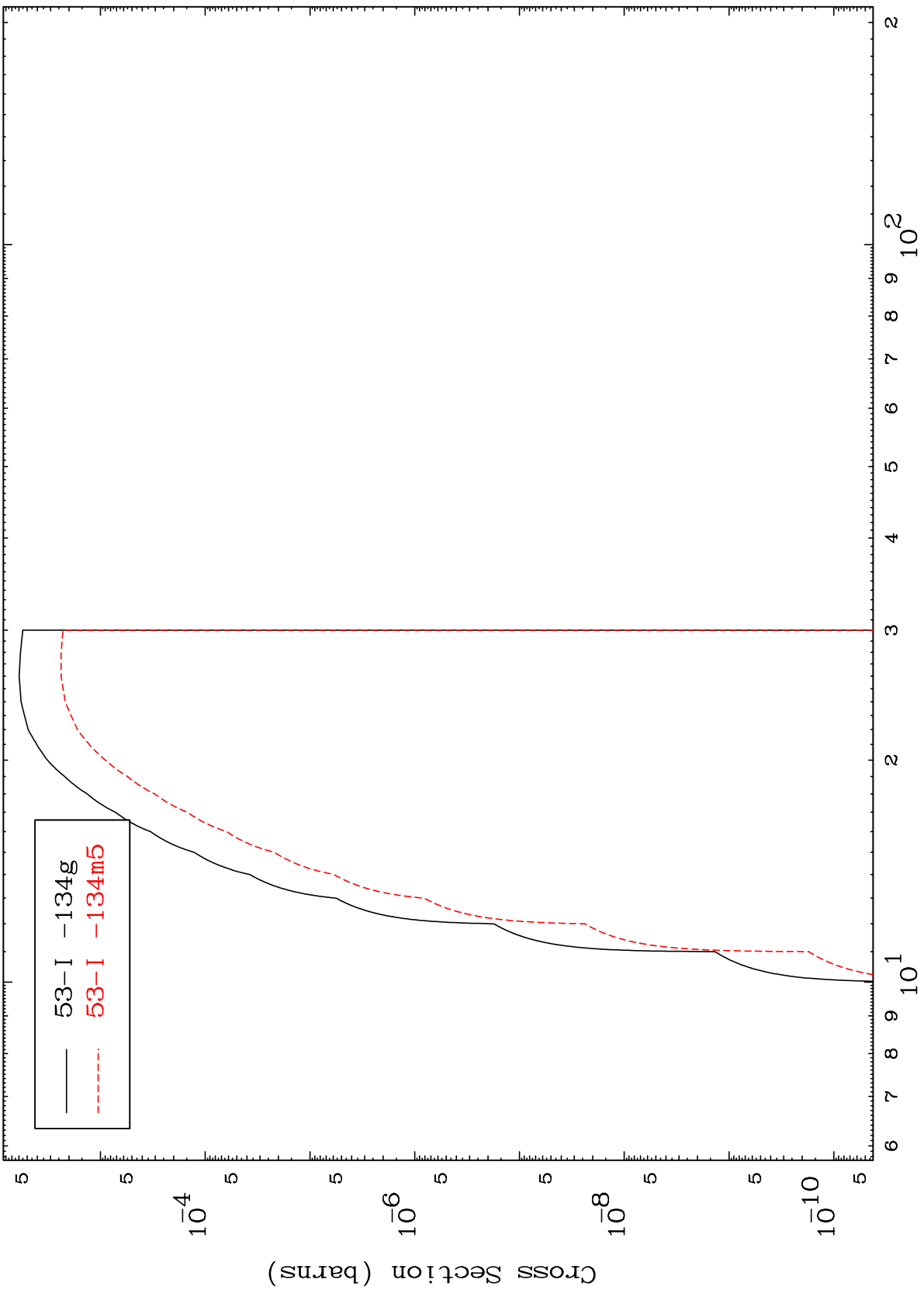
Incident Energy (MeV)

19

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52-Te-131m

(n,p)  
Radionuclide Production Cross Section



20

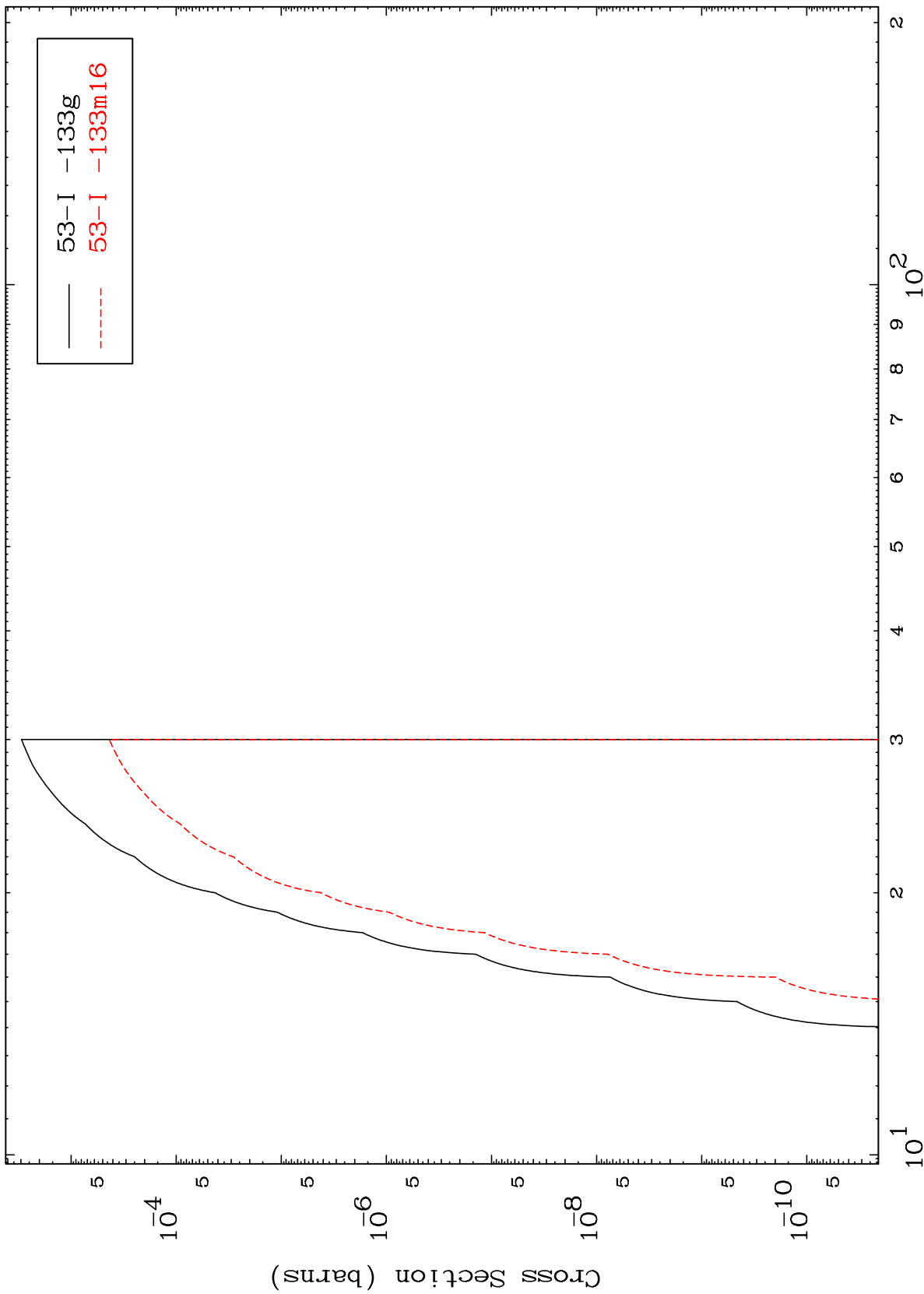
Incident Energy (MeV)

52-Te-131m

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52-Te-131m

(n,d)  
Radionuclide Production Cross Section

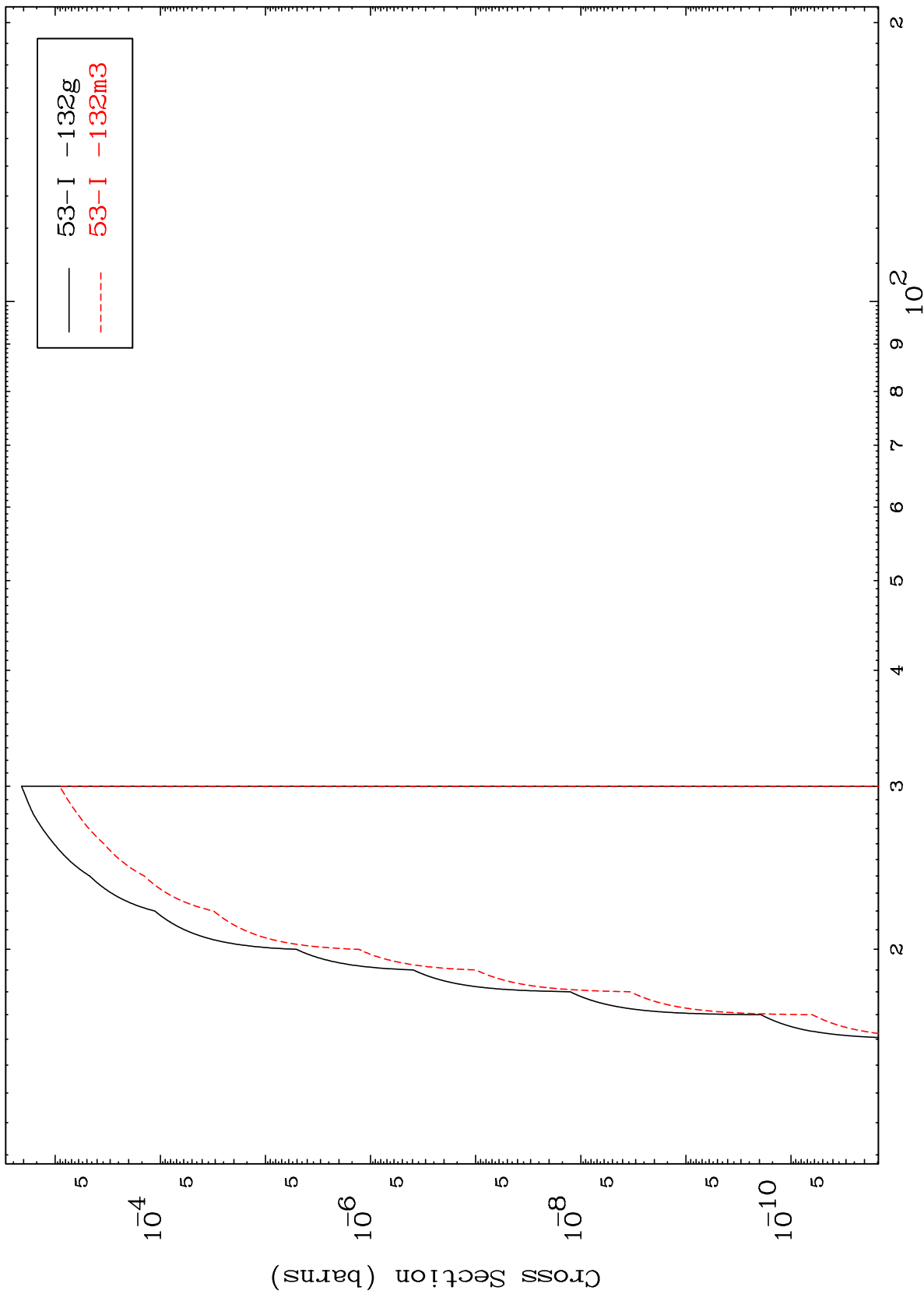


52-Te-131m

Incident Energy (MeV)

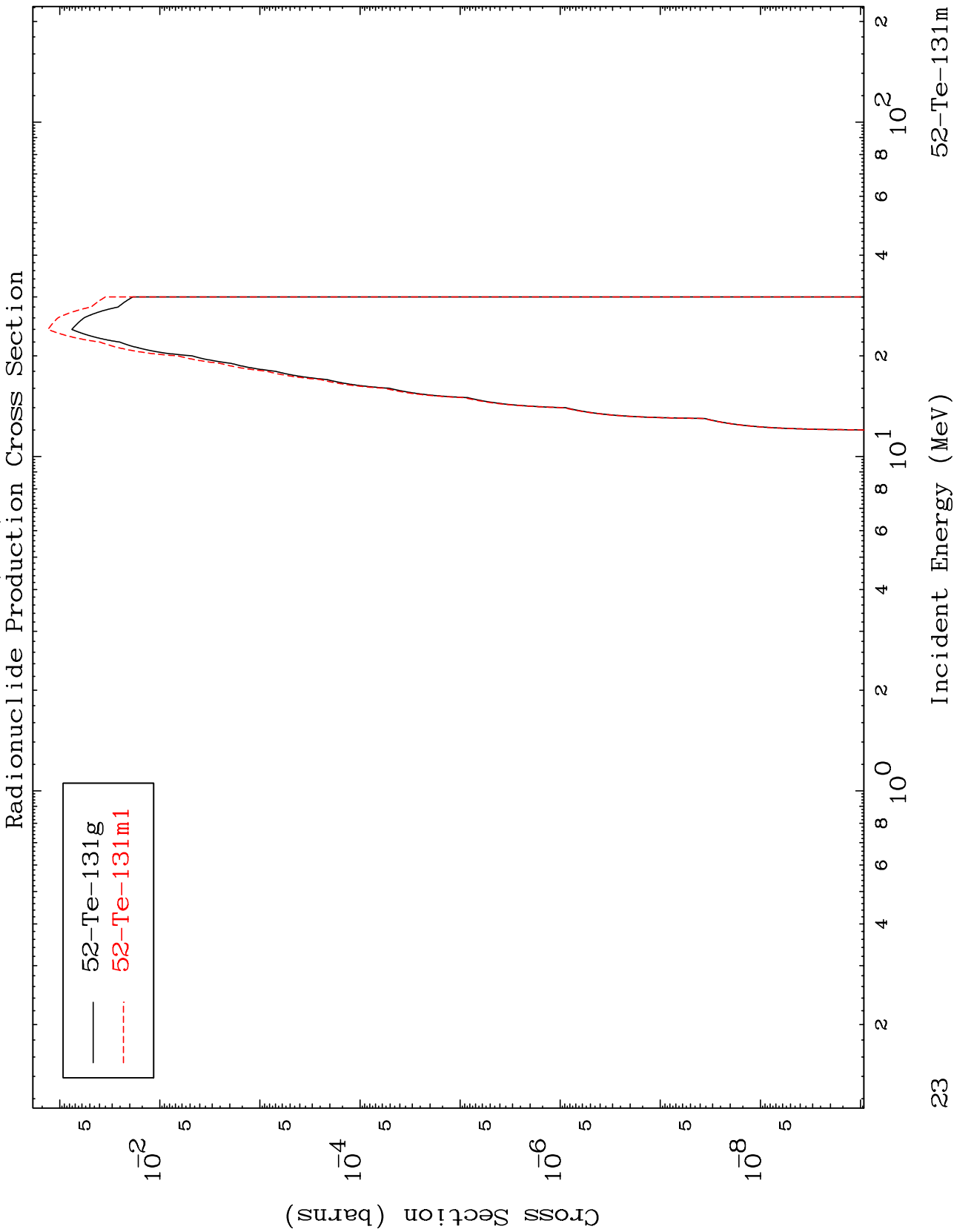
21

(n, t)  
Radionuclide Production Cross Section



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52-Te-131m

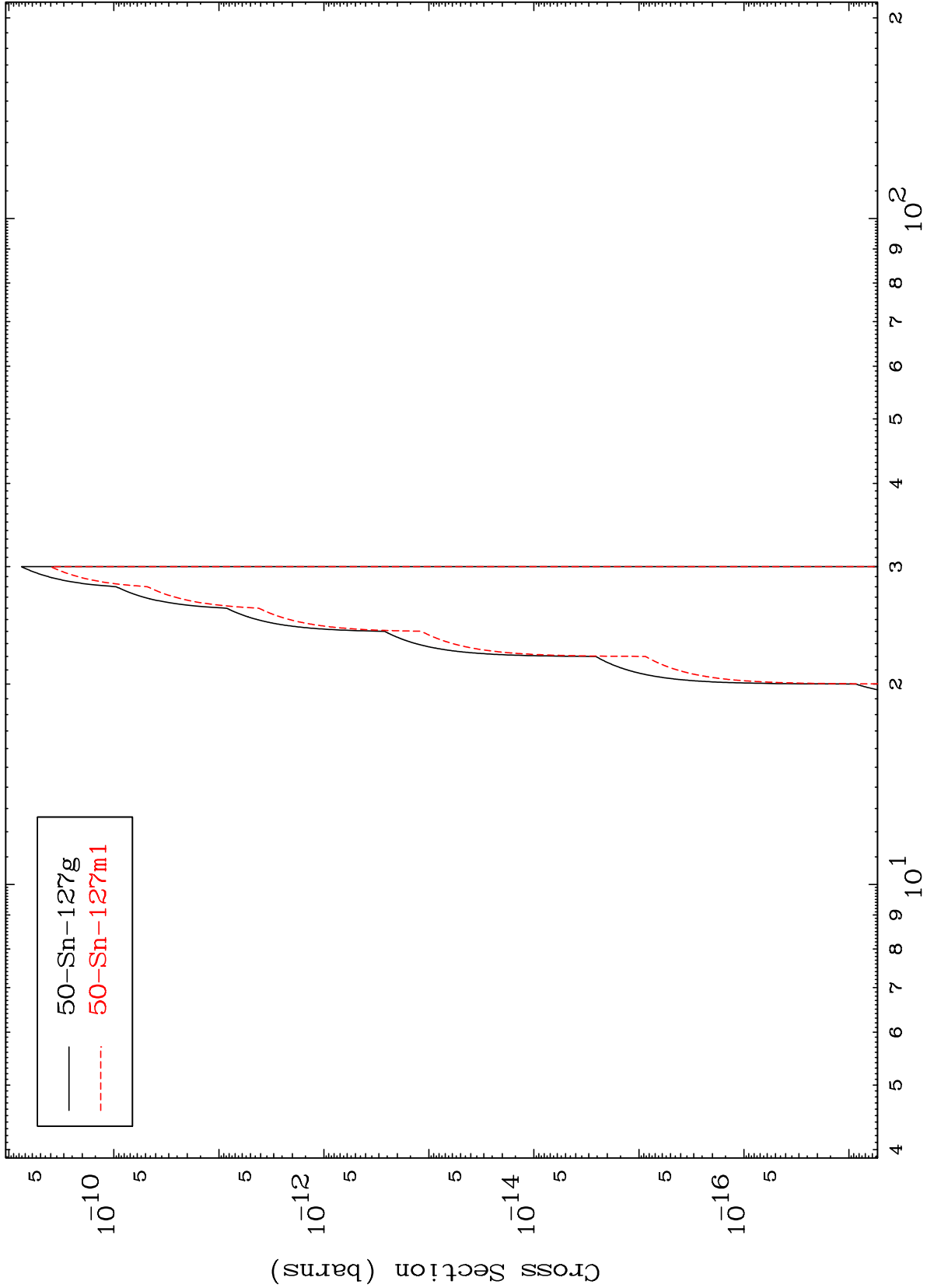




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52-Te-131m

(n,2α)  
Radionuclide Production Cross Section



24

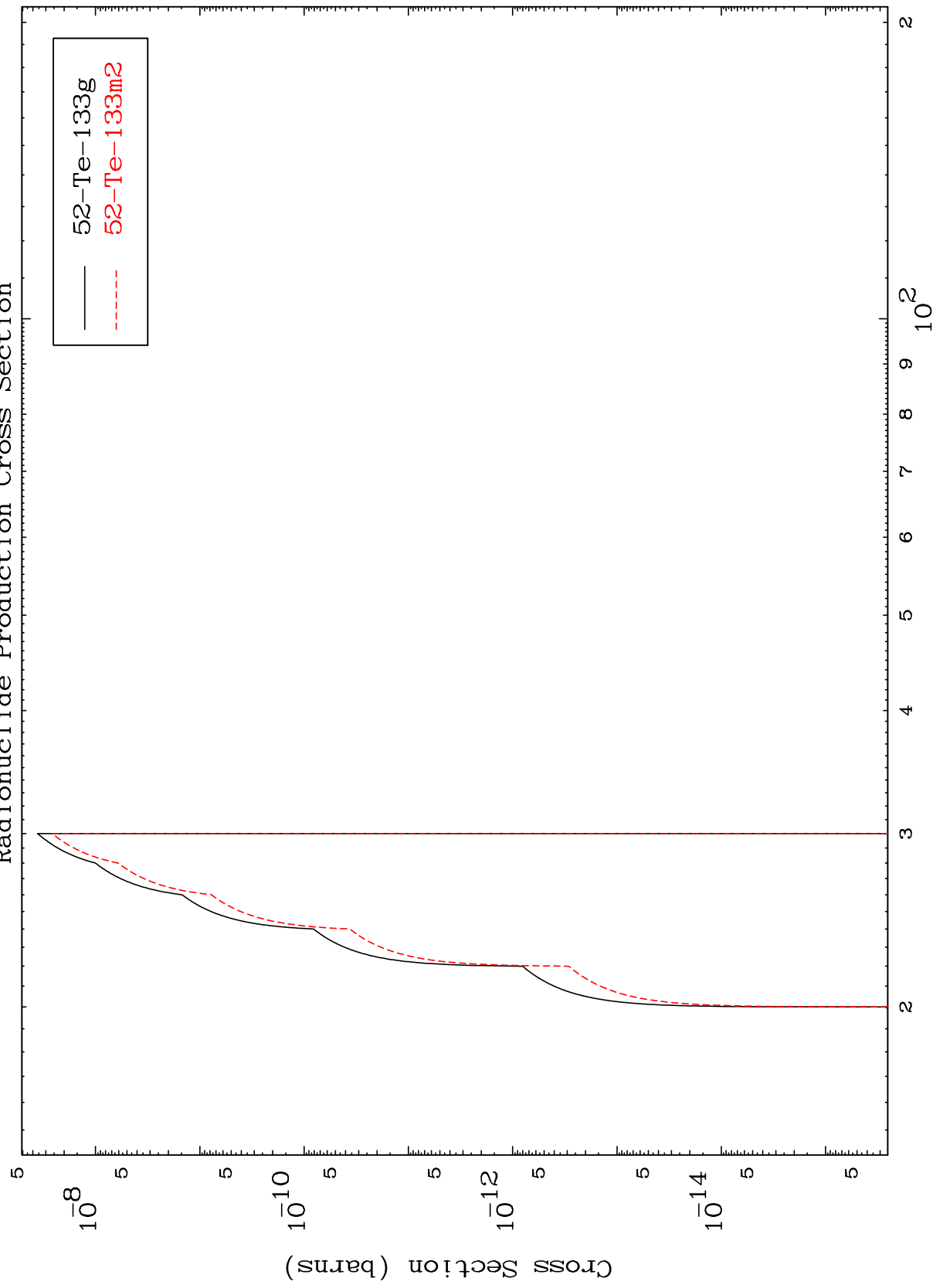
Incident Energy (MeV)

52-Te-131m

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52-Te-131m

(n,2p)  
Radionuclide Production Cross Section



25

52-Te-131m

Incident Energy (MeV)

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(n,p)  $\alpha$

52-Te-131m

