

Program EVALPLOT  
(Version 2021-1)

by

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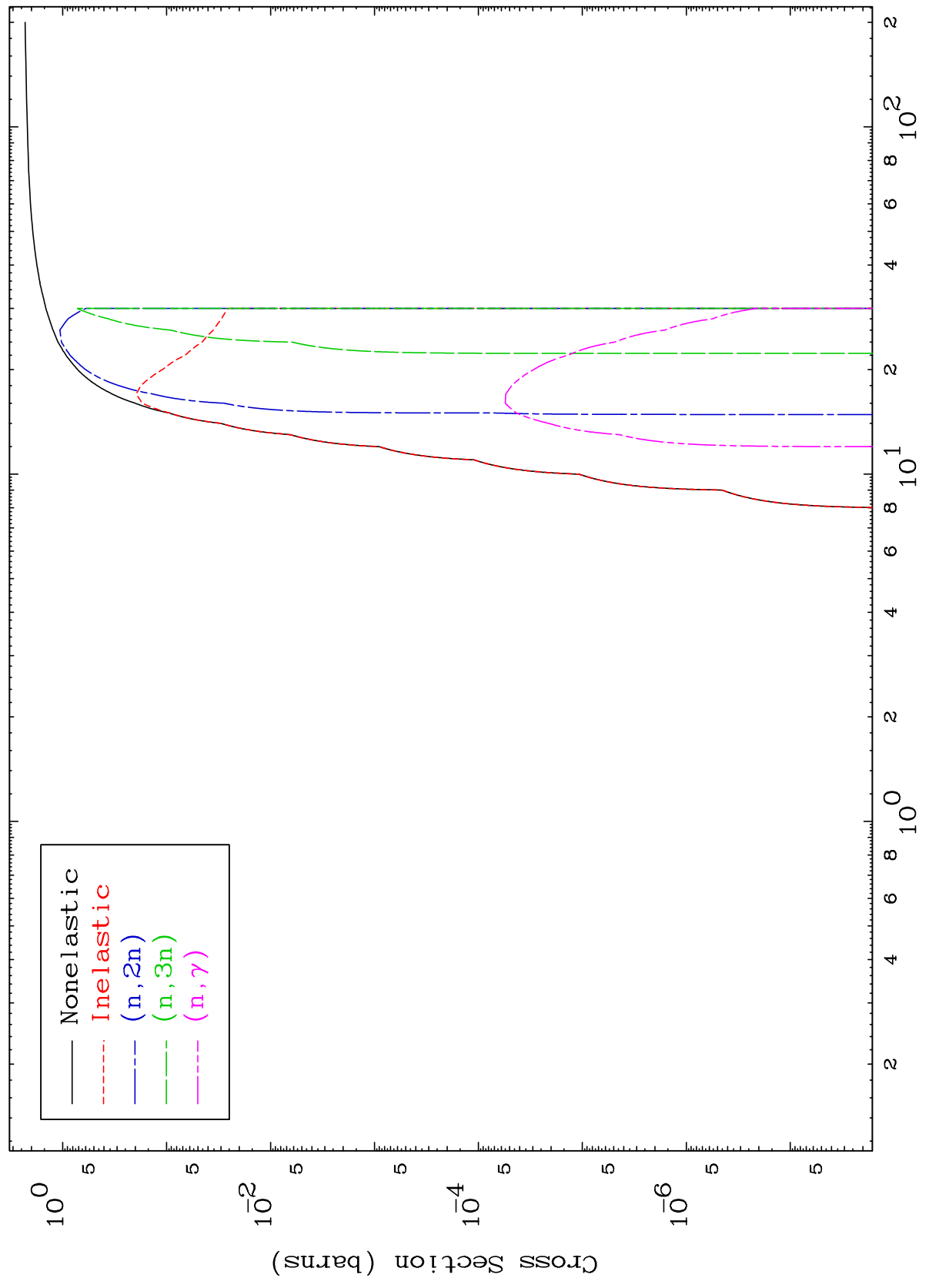
Press Mouse Button to Start

MAT 5447

0 Kelvin

$\alpha$  Major Cross Sections

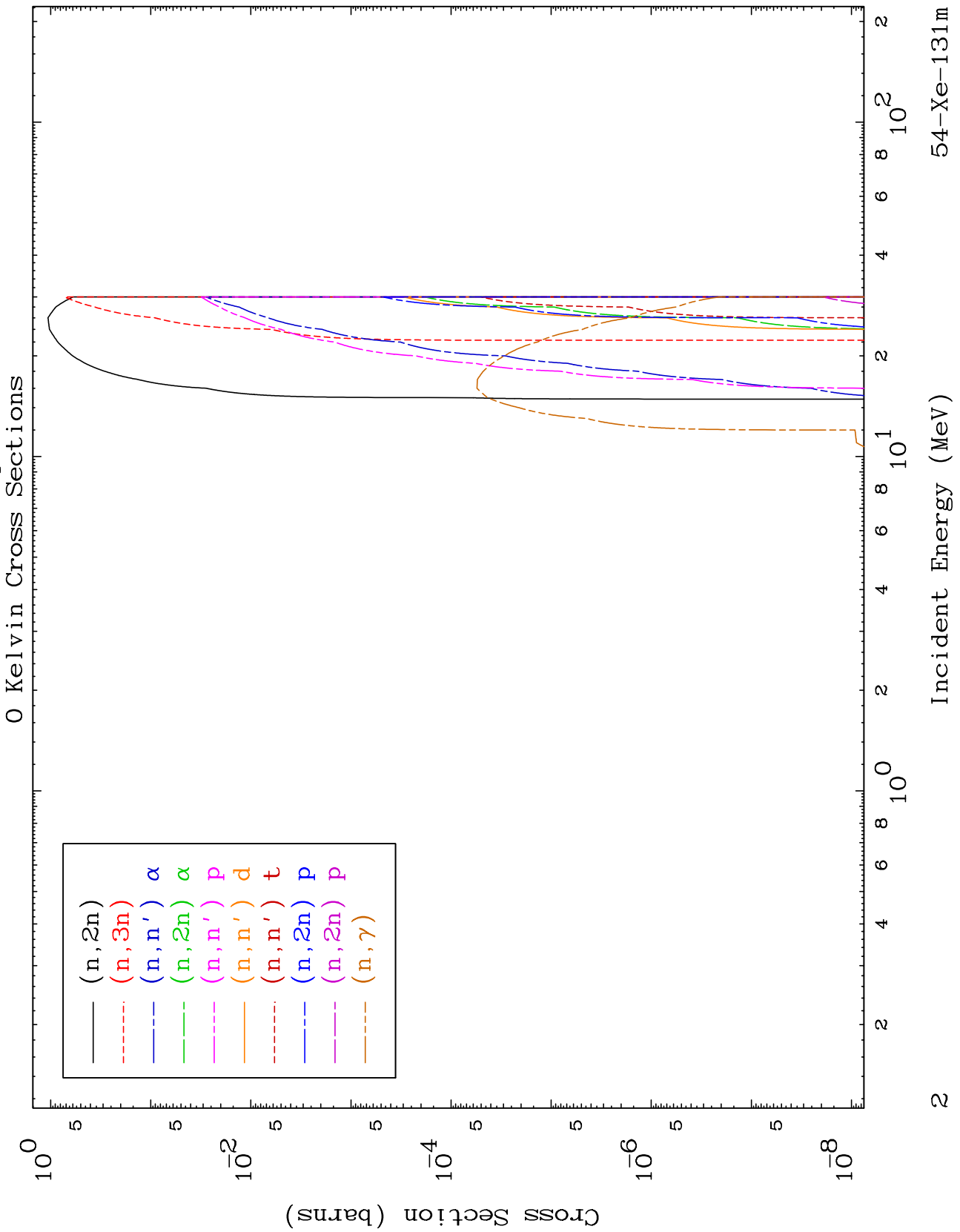
54-Xe-131m

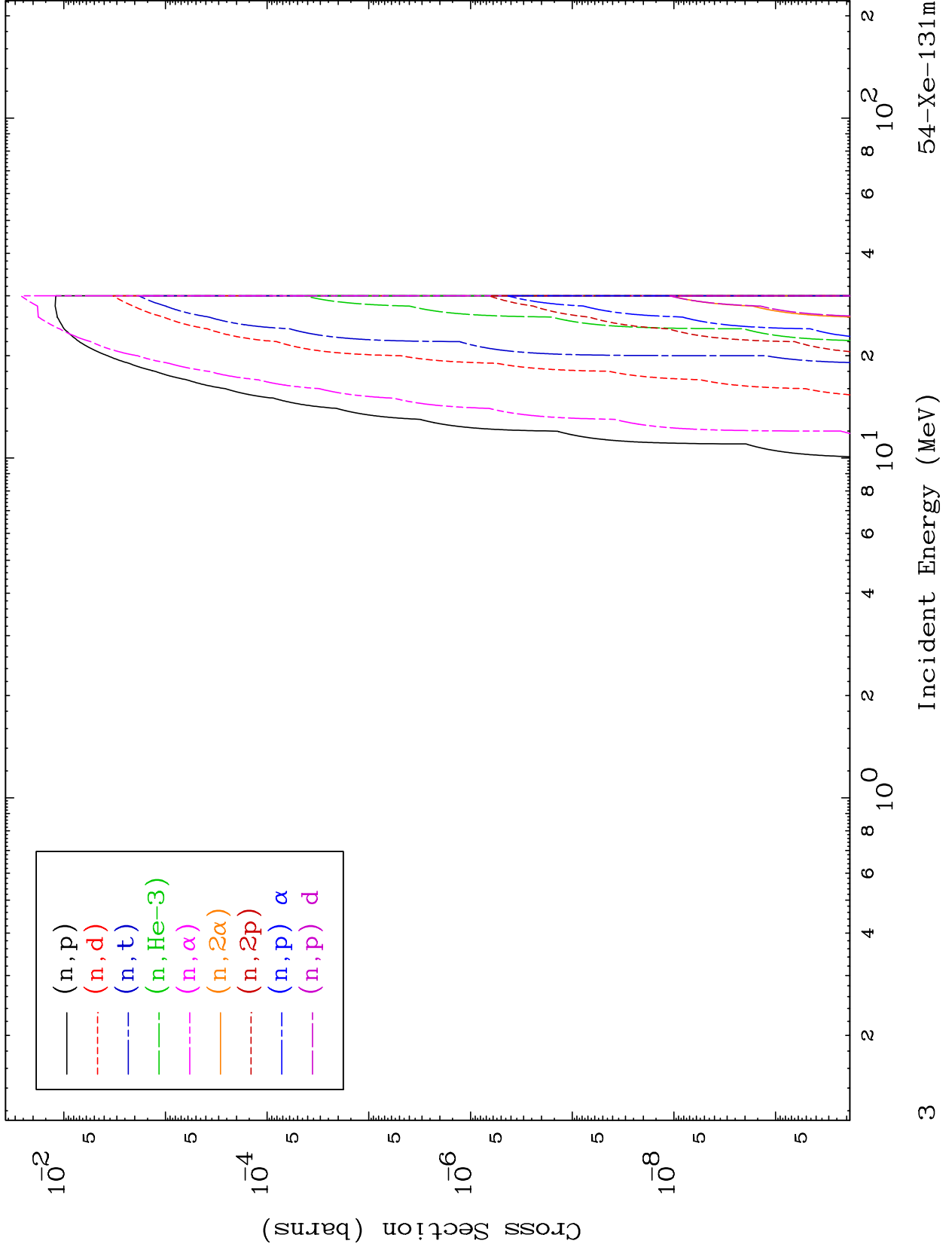


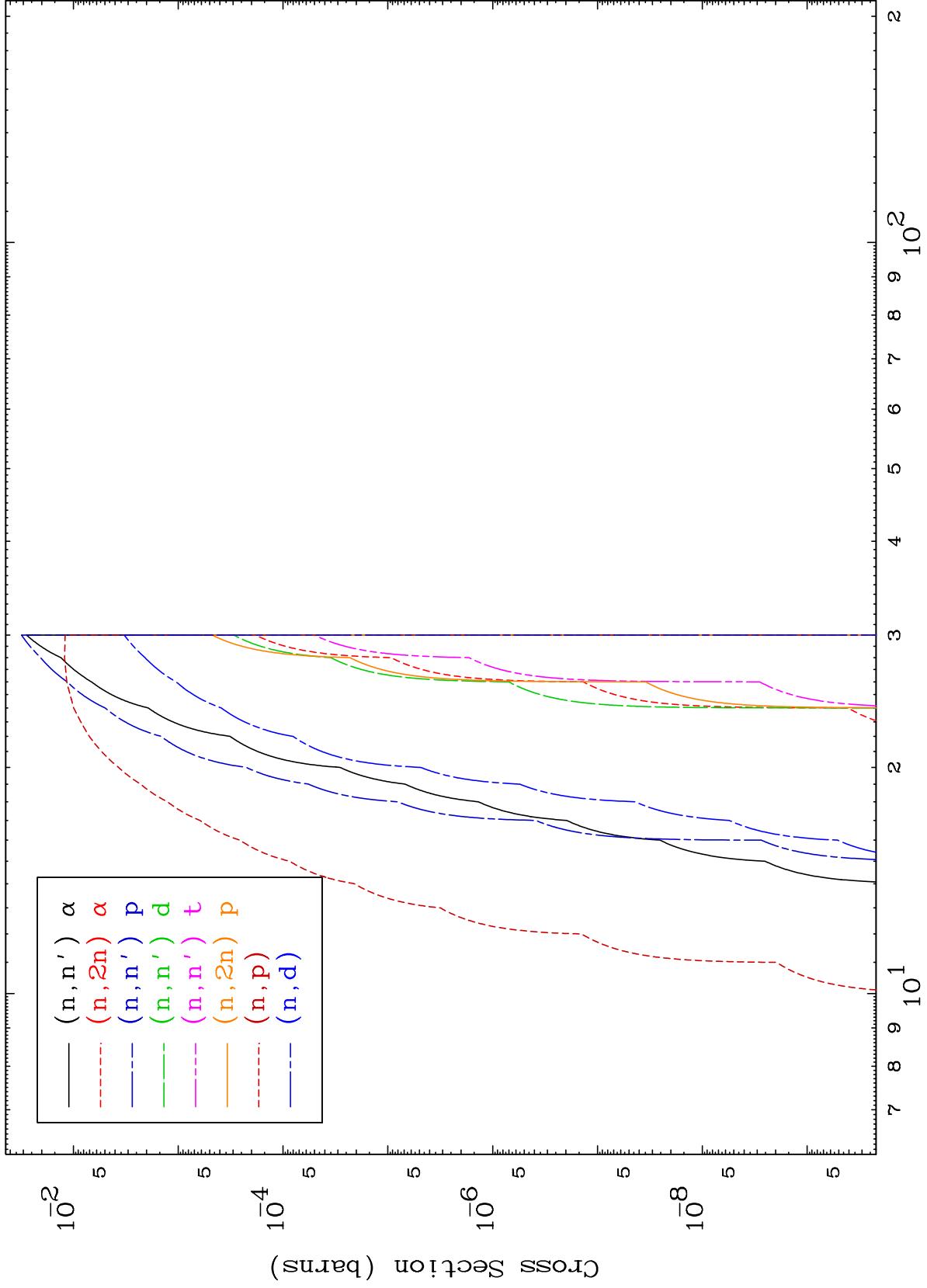
MAT 5447

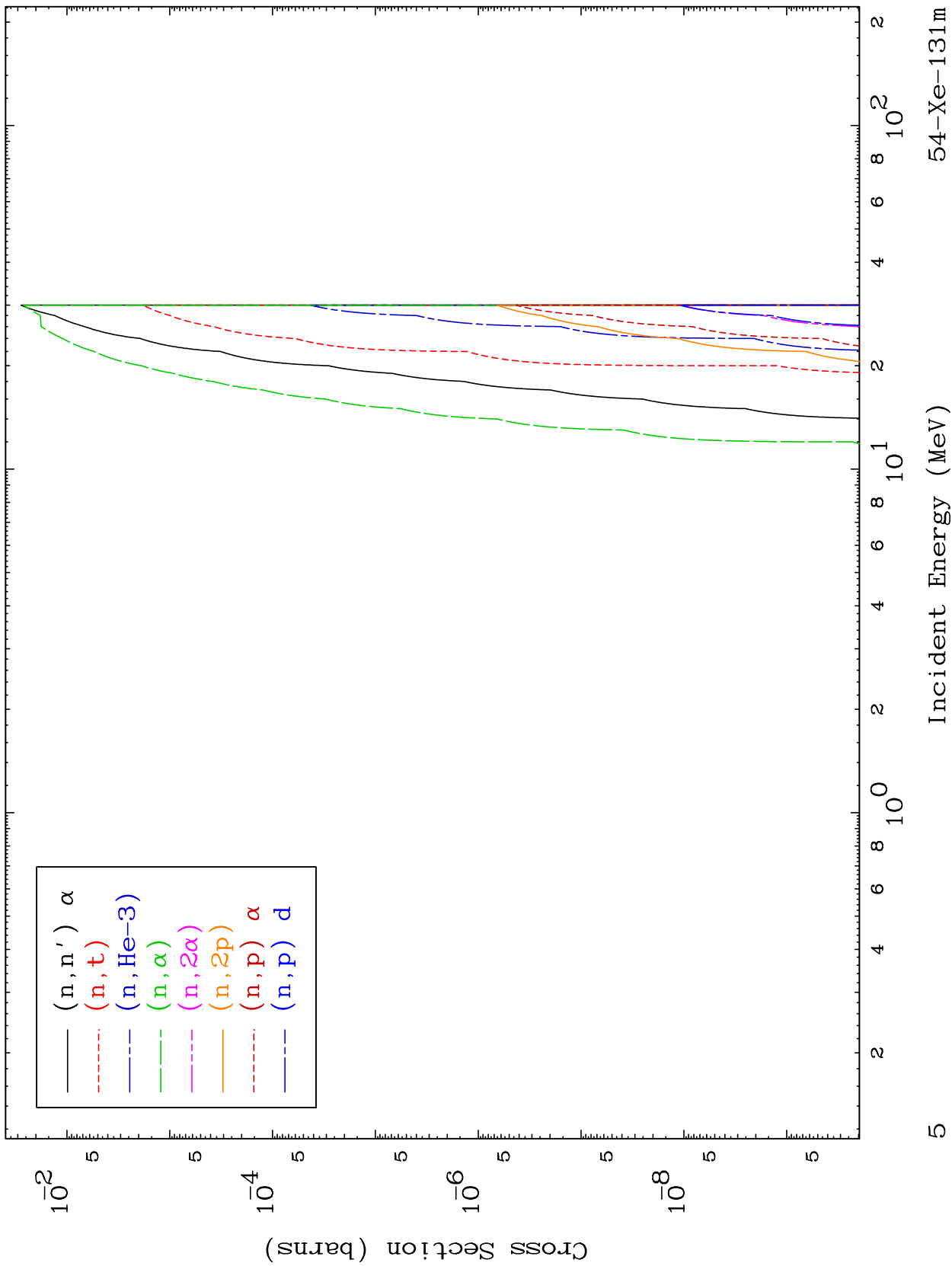
$\alpha$  Neutron Absorption

54-Xe-131m







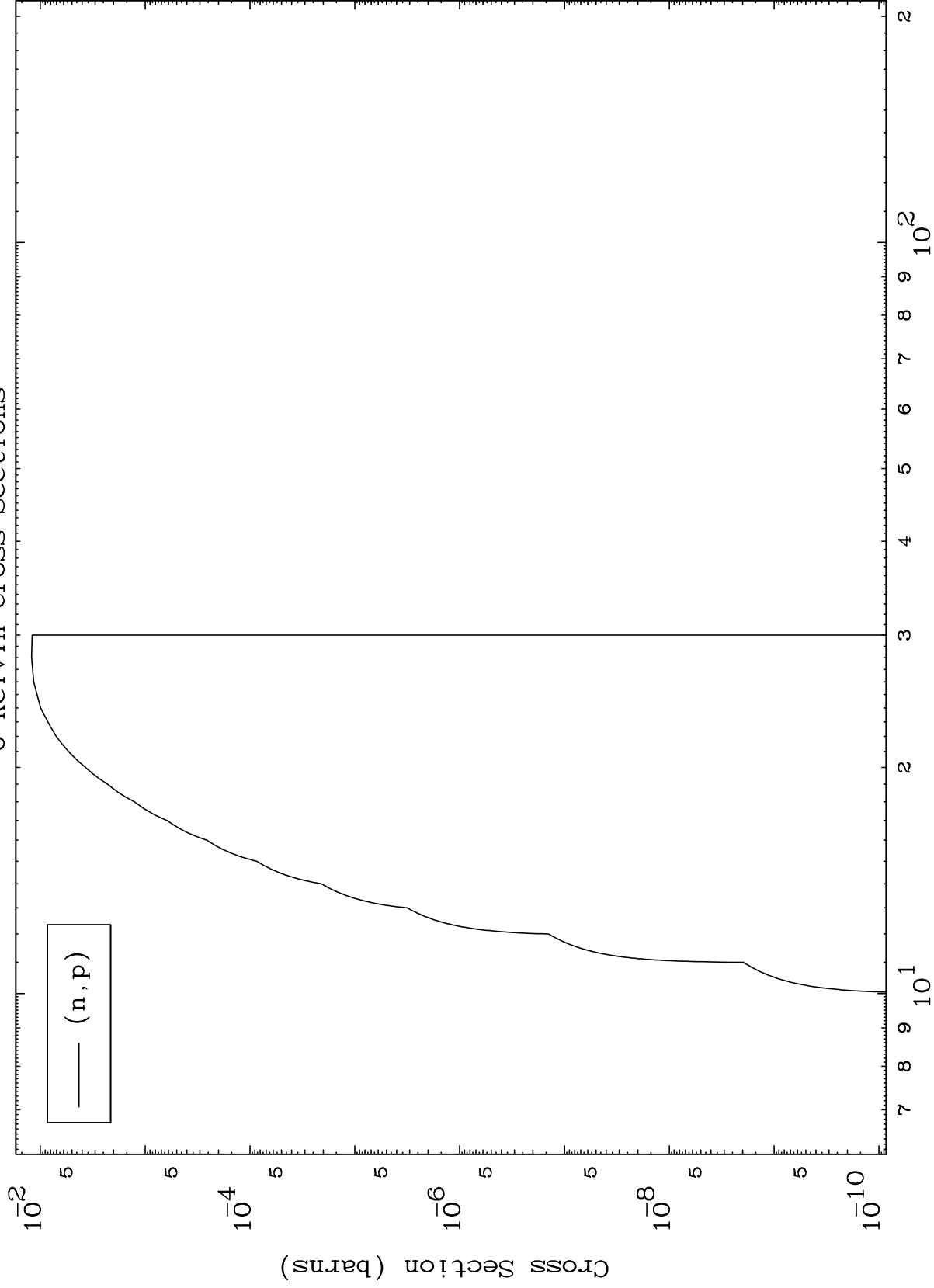


MAT 5447

( $\alpha, p$ ) Levels

54-Xe-131m

0 Kelvin Cross Sections



Incident Energy (MeV)

54-Xe-131m

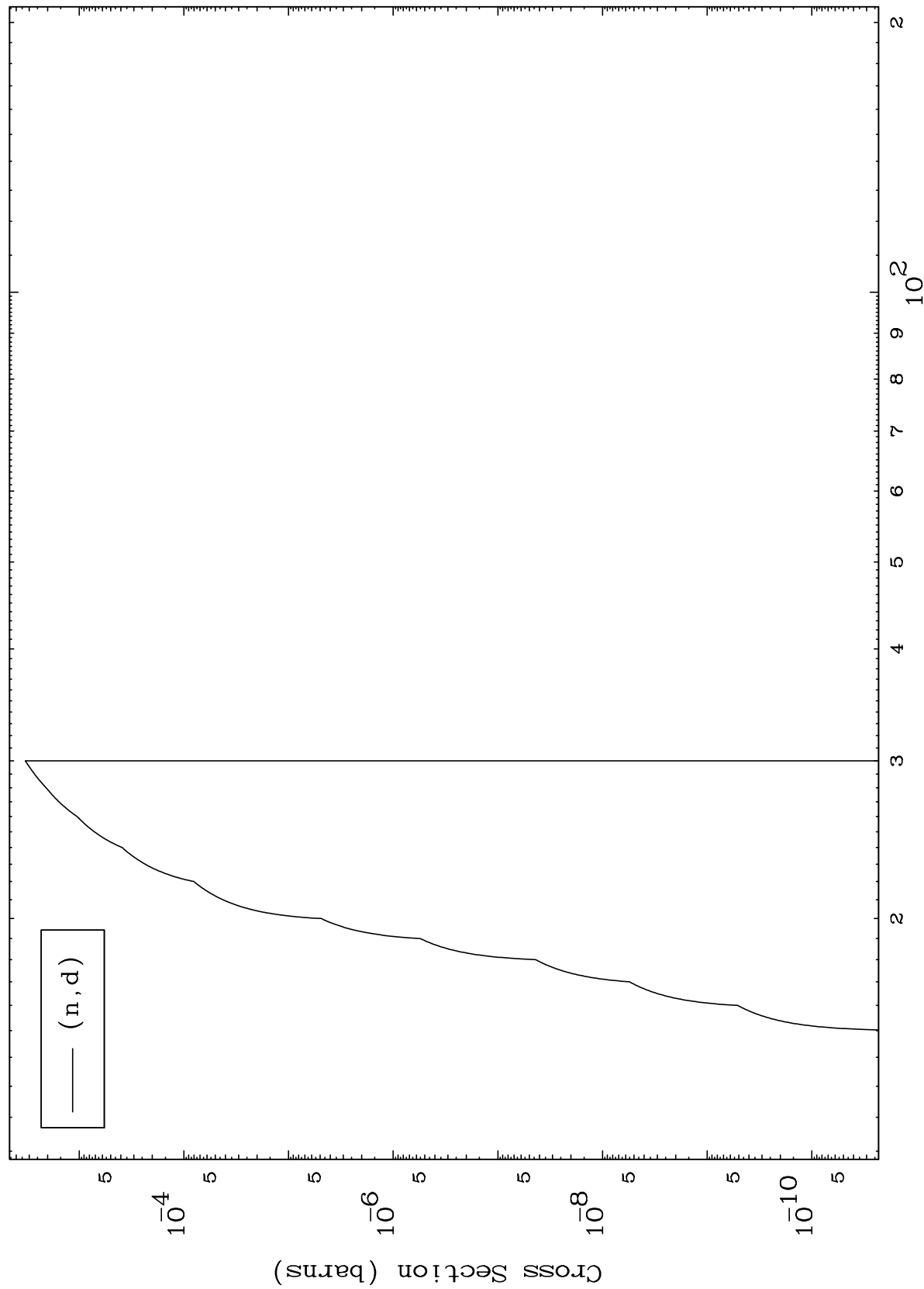
6

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( $\alpha, d$ ) Levels

54-Xe-131m

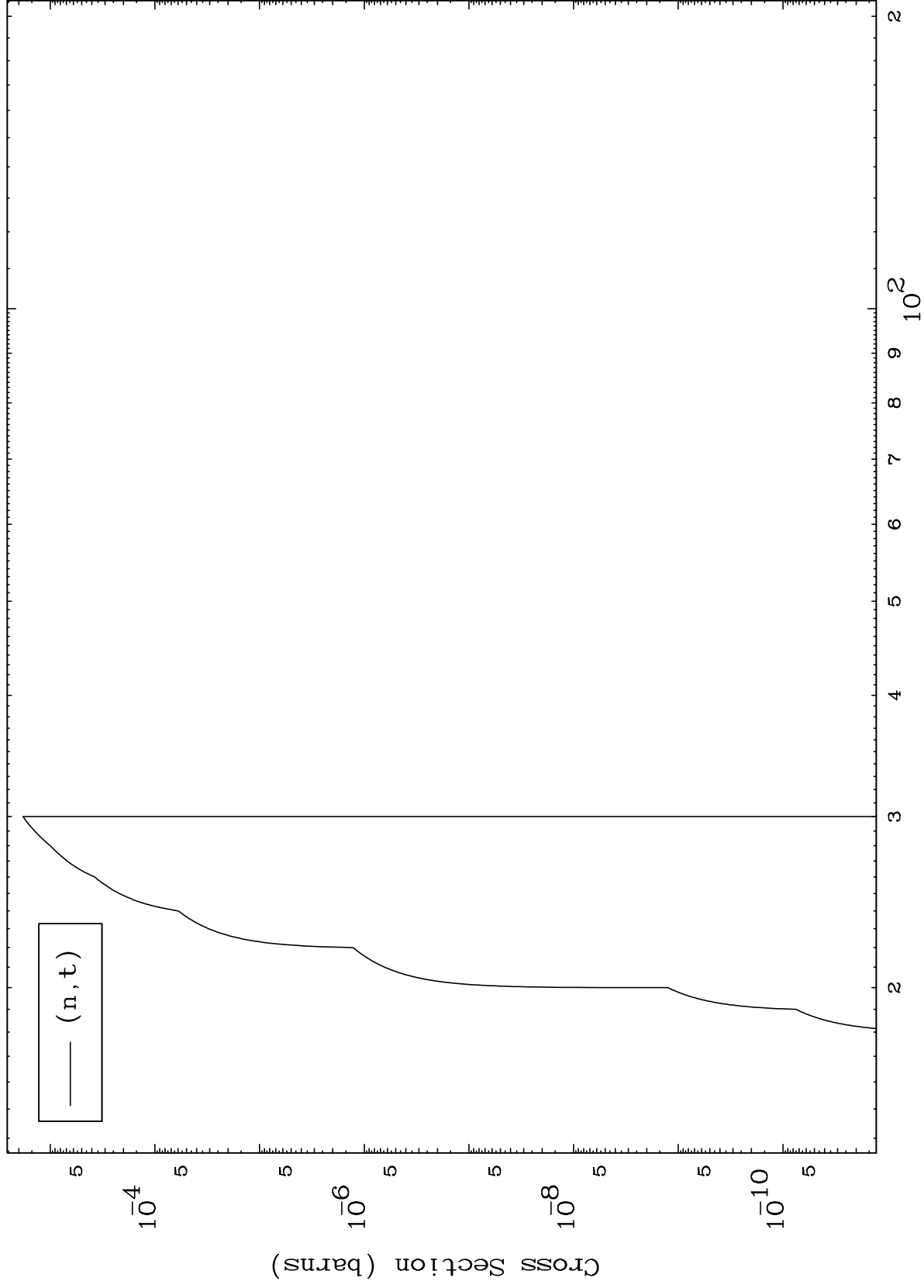
0 Kelvin Cross Sections



MAT 5447

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

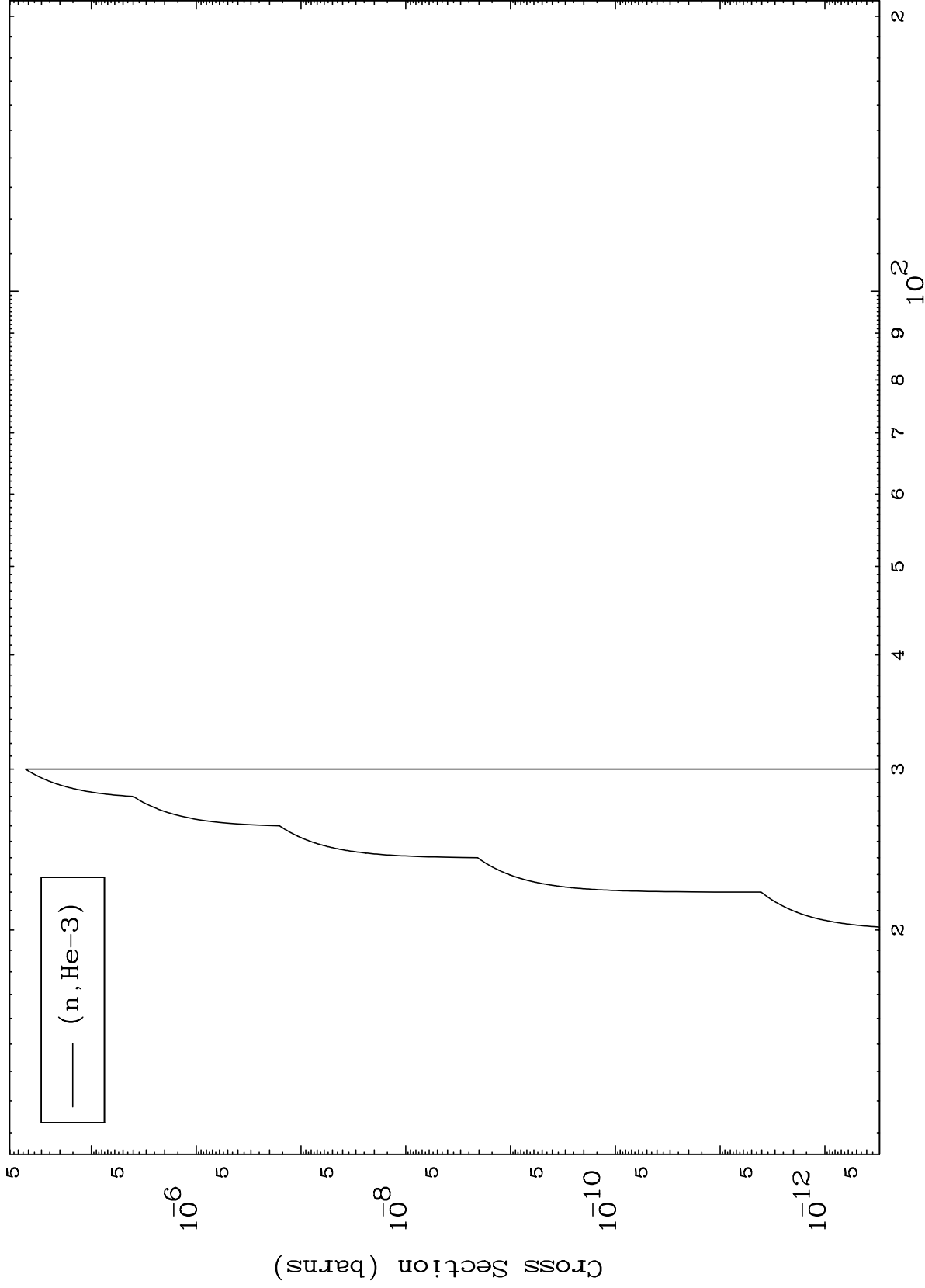
54-Xe-131m



8

Incident Energy (MeV)

54-Xe-131m

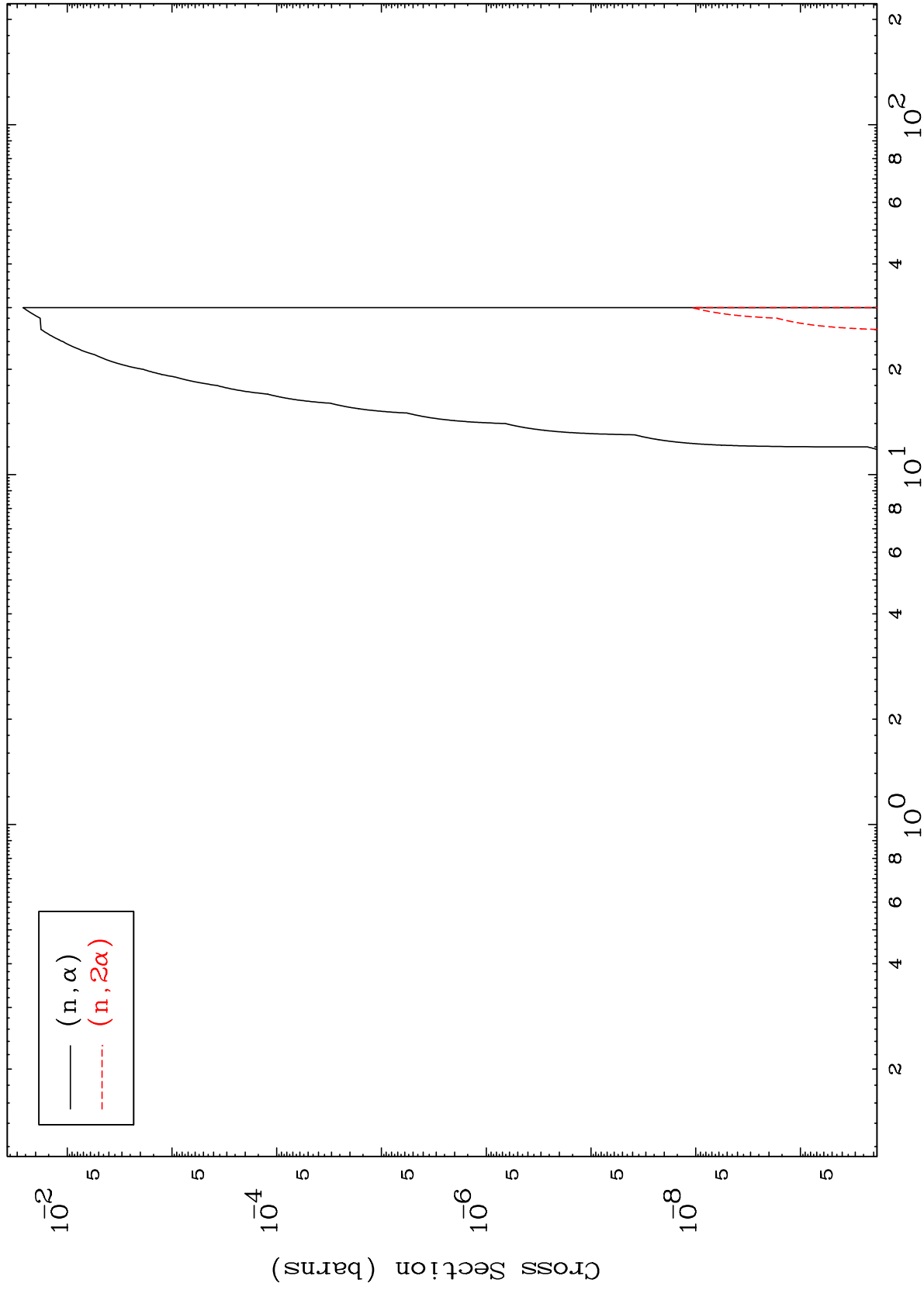


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( $\alpha, \alpha$ ) Levels

54-Xe-131m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

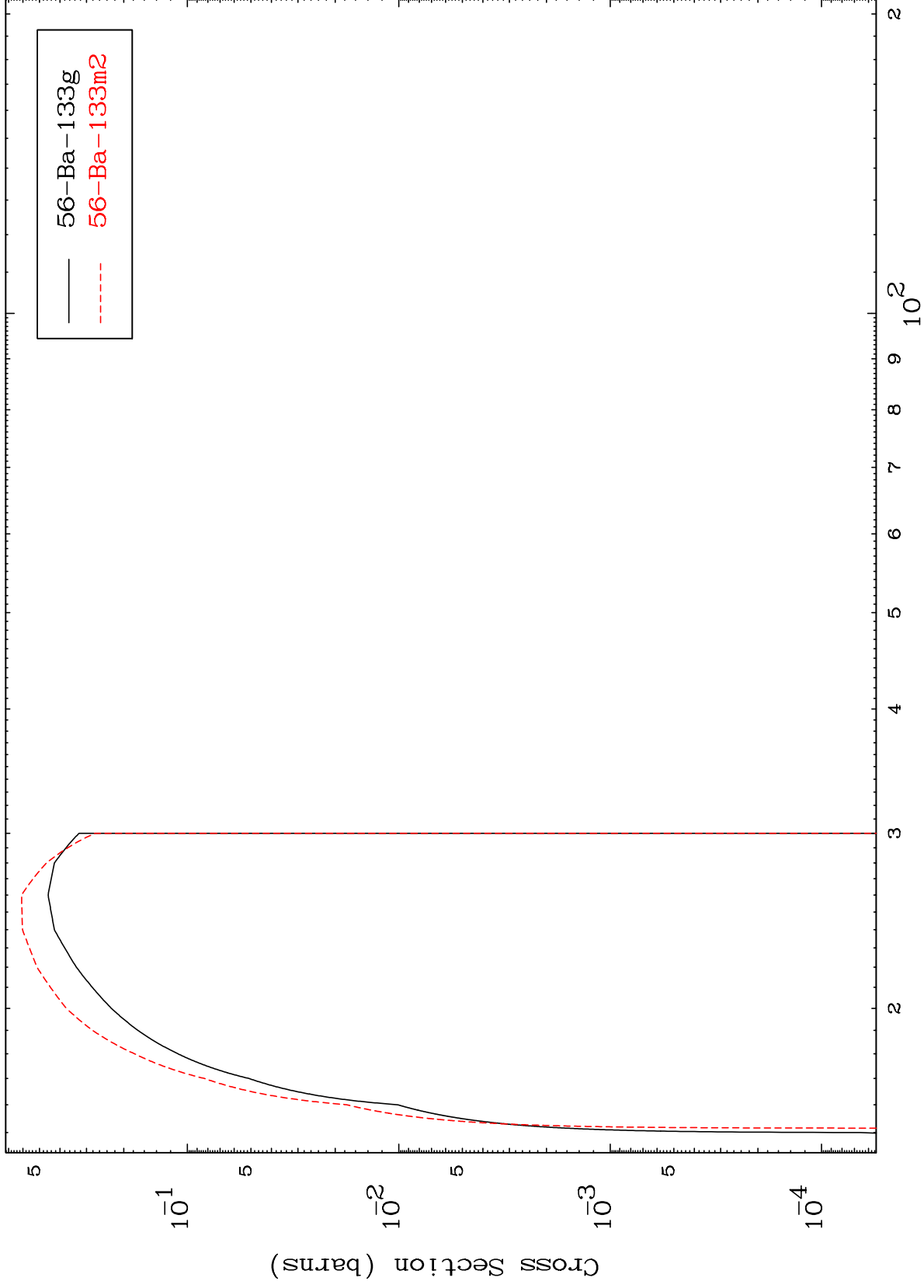
54-Xe-131m

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(n,2n)

54-Xe-131m

Radionuclide Production Cross Section



11

Incident Energy (MeV)

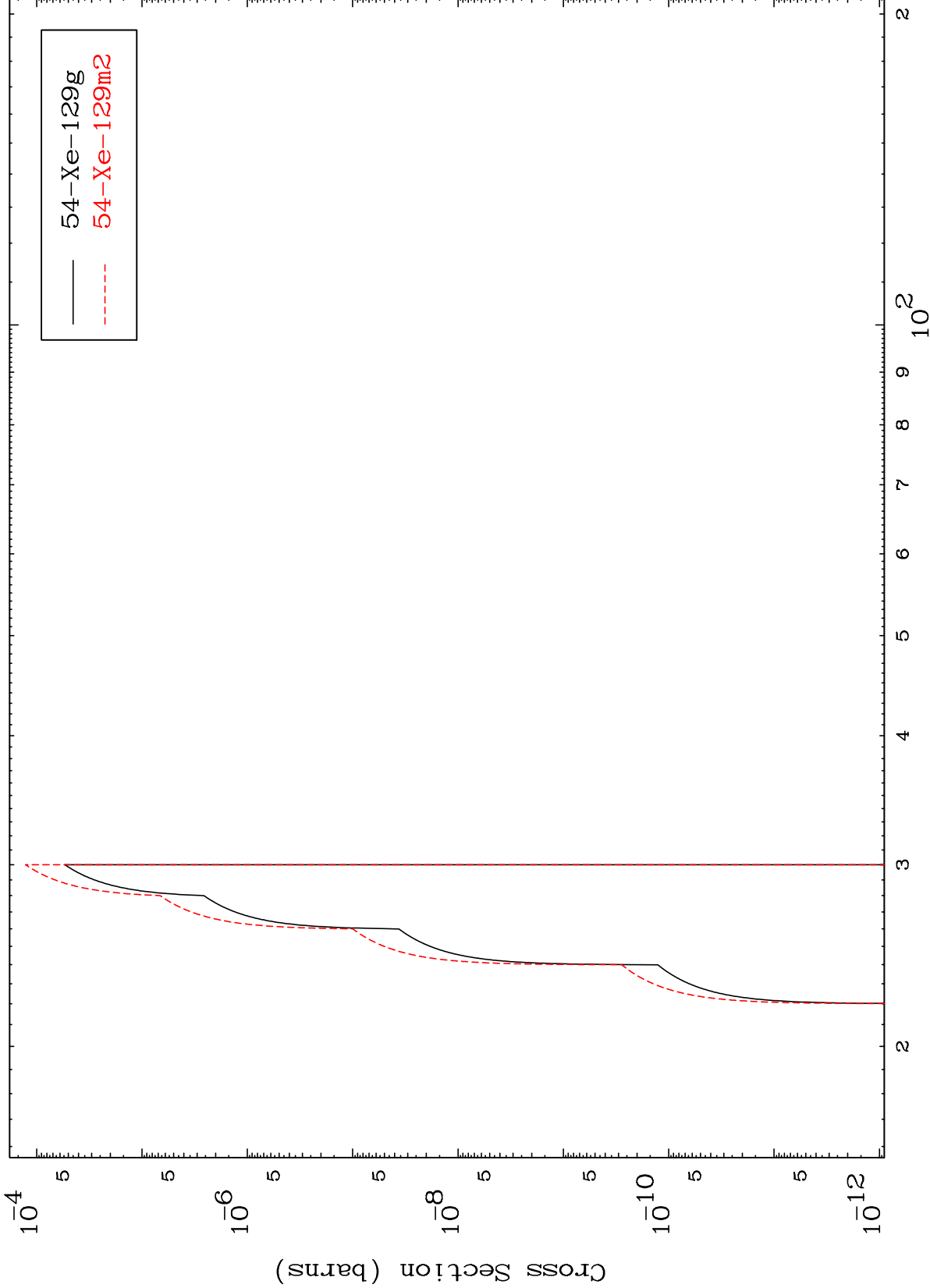
54-Xe-131m

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(n,2n)  $\alpha$

54-Xe-131m

Radionuclide Production Cross Section



12

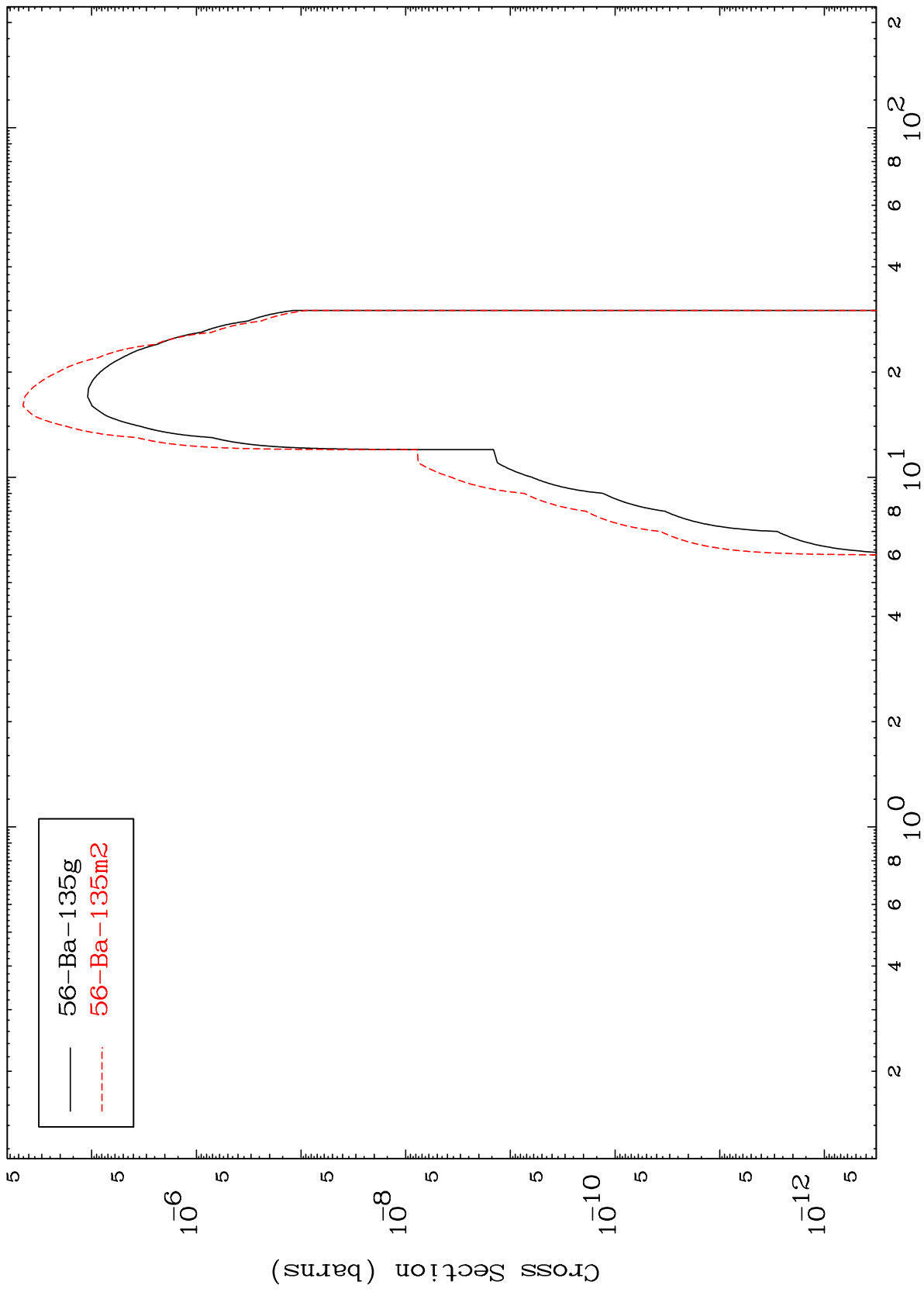
Incident Energy (MeV)

54-Xe-131m

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54-Xe-131m

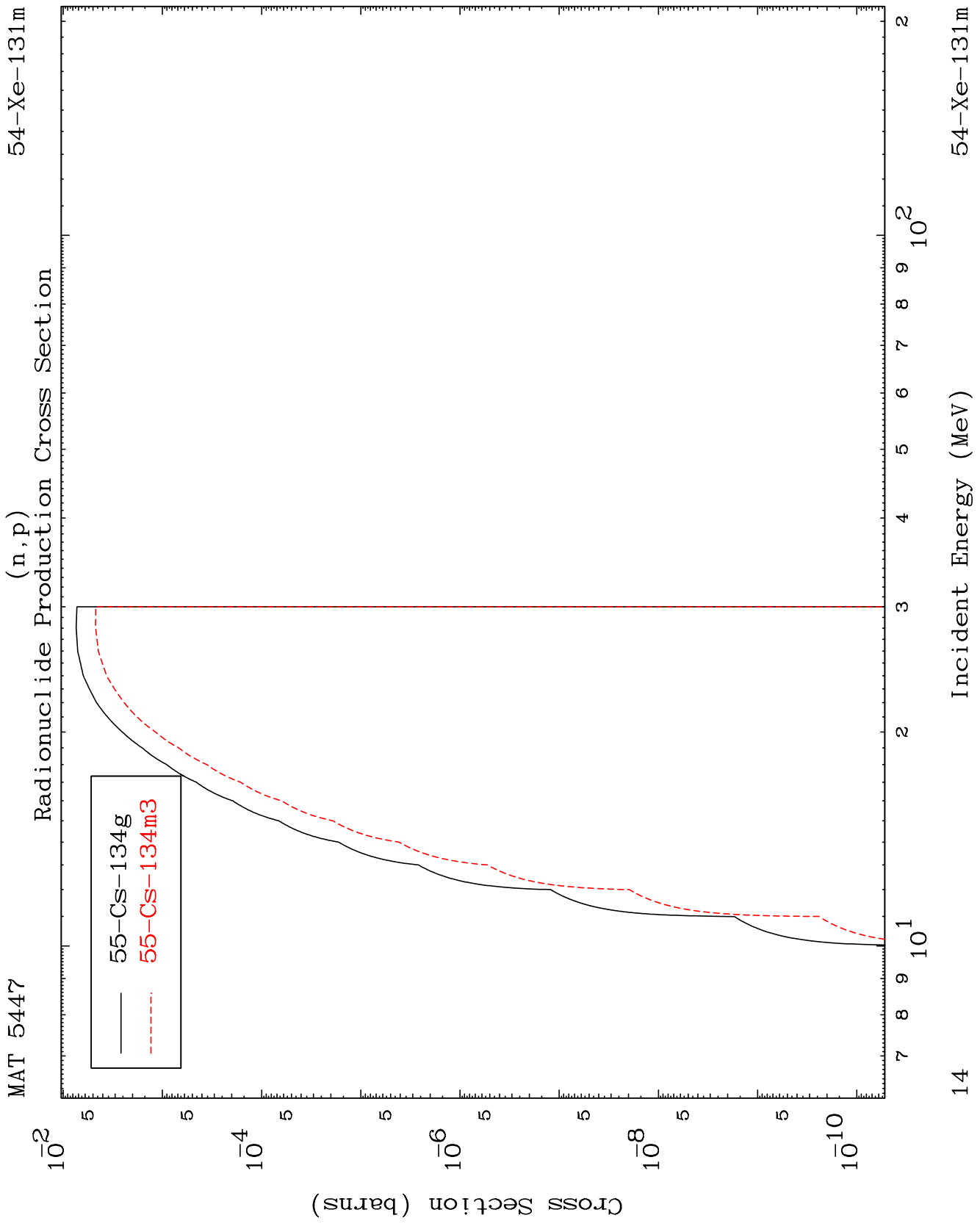
Radionuclide Production Cross Section



Incident Energy (MeV)

54-Xe-131m

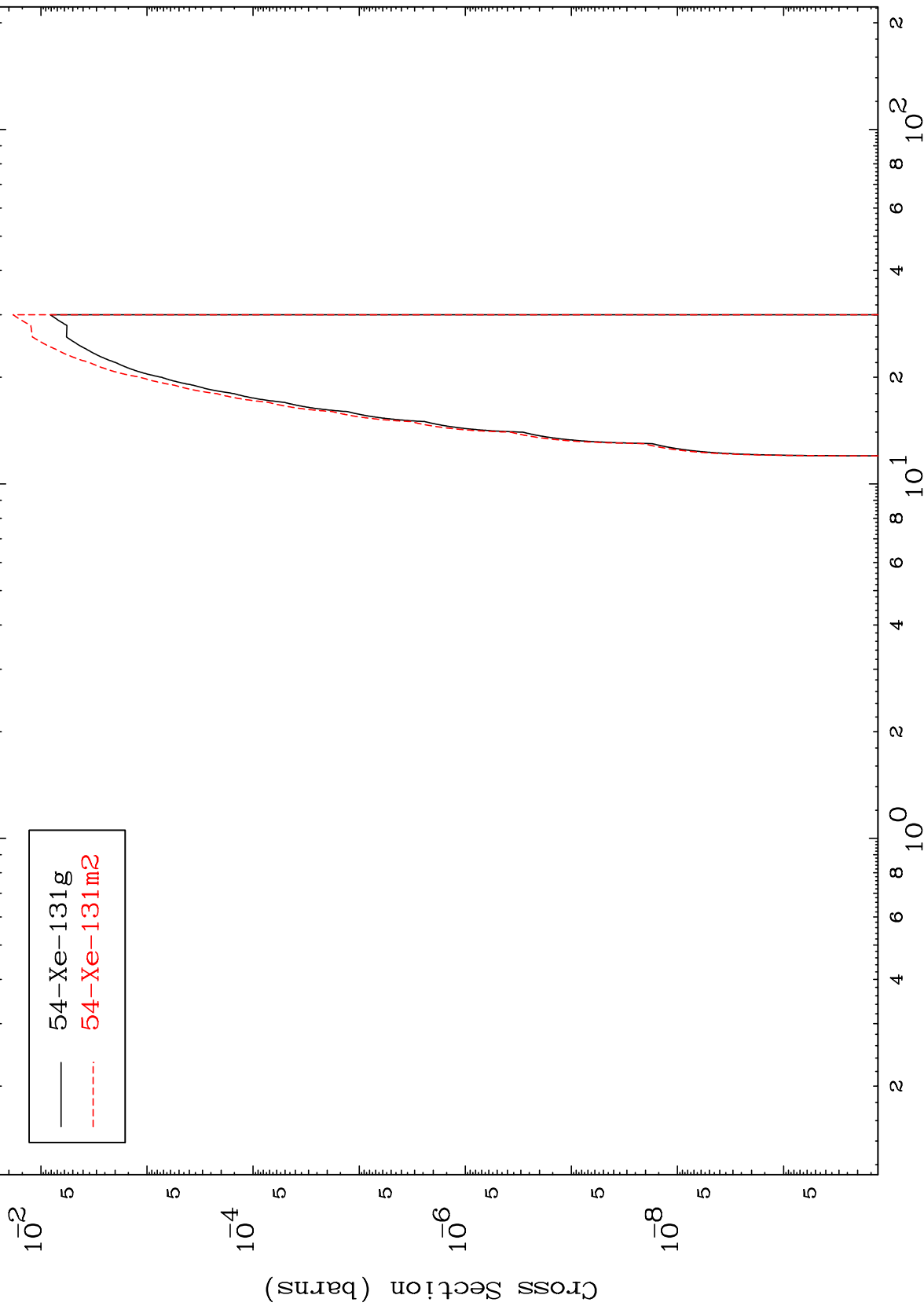
13



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54-Xe-131m

Radionuclide Production Cross Section



54-Xe-131m

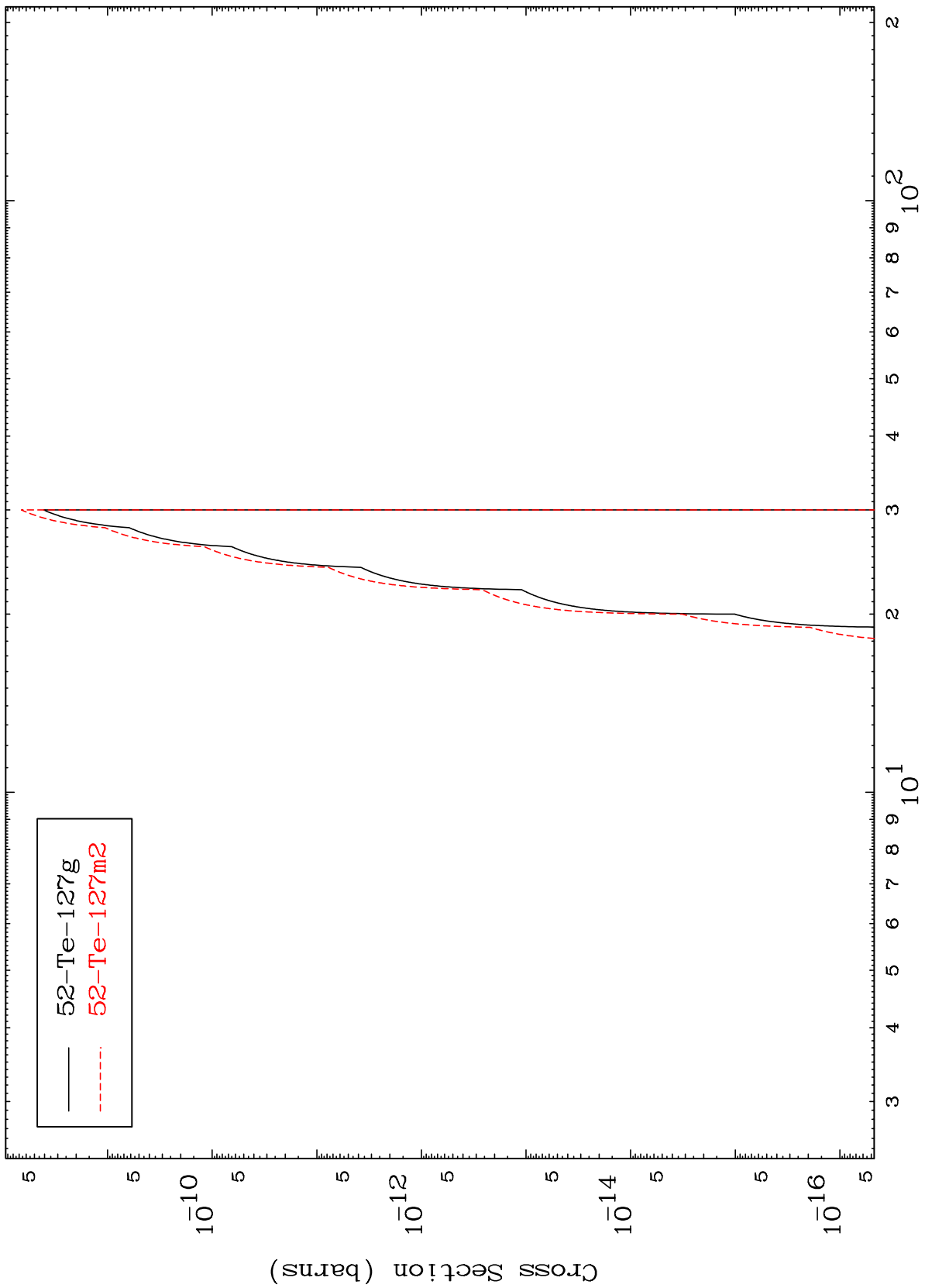
Incident Energy (MeV)

15

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54-Xe-131m

(n,2α)  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

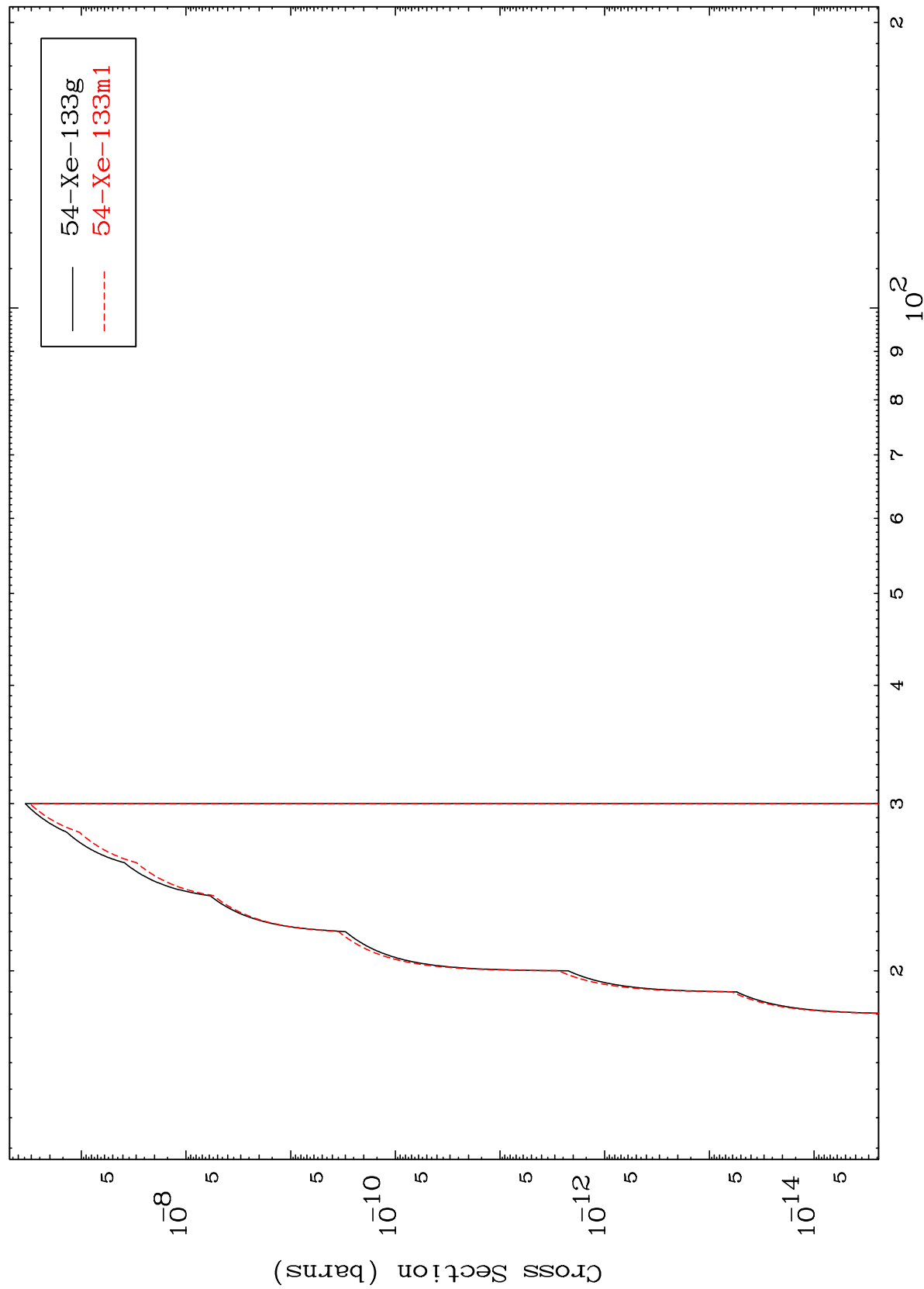
54-Xe-131m

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54-Xe-131m

(n,2p)

Radionuclide Production Cross Section

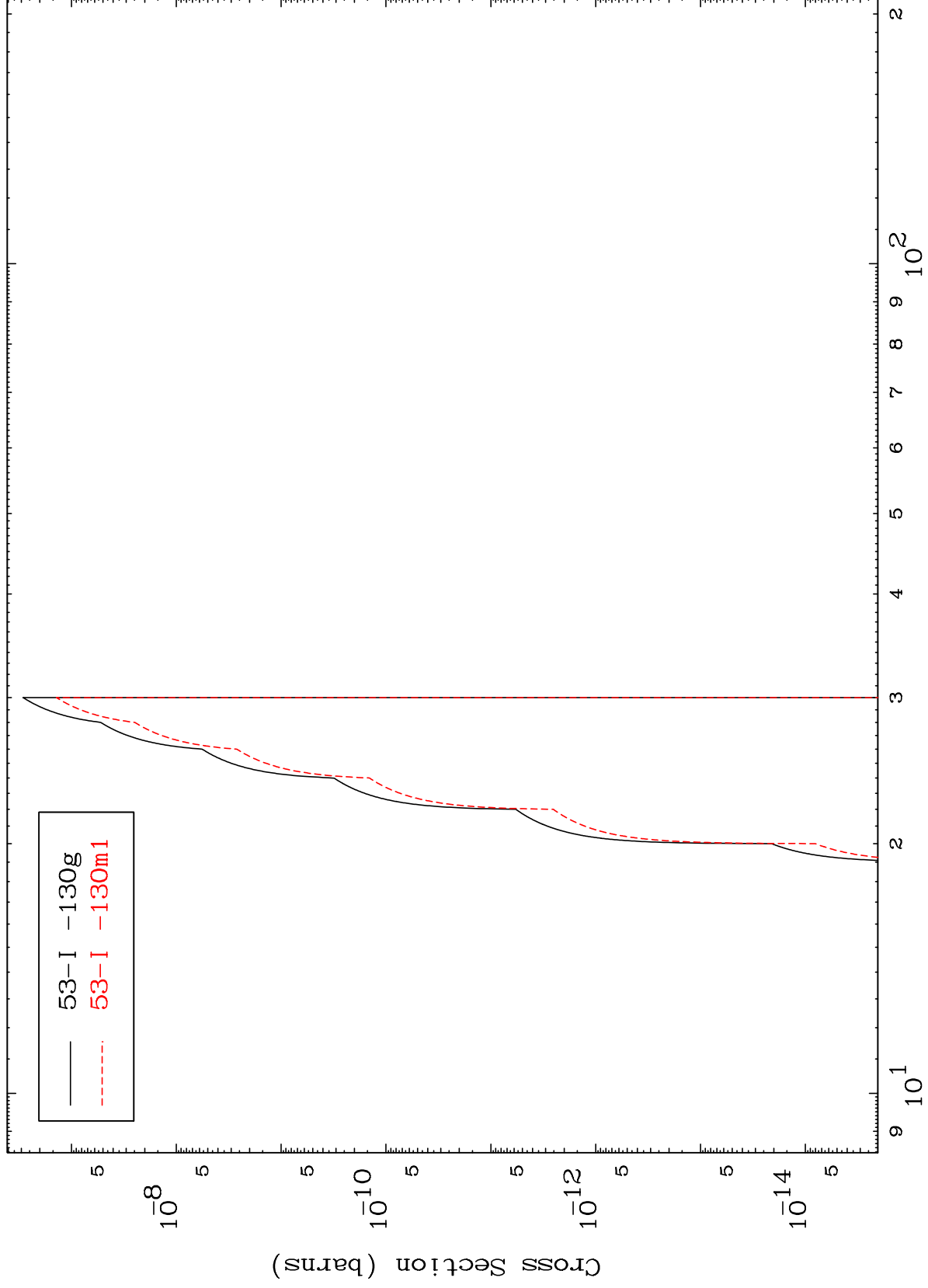


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(n,p)  $\alpha$

54-Xe-131m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-131m