

Program EVALPLOT  
(Version 2021-1)

by

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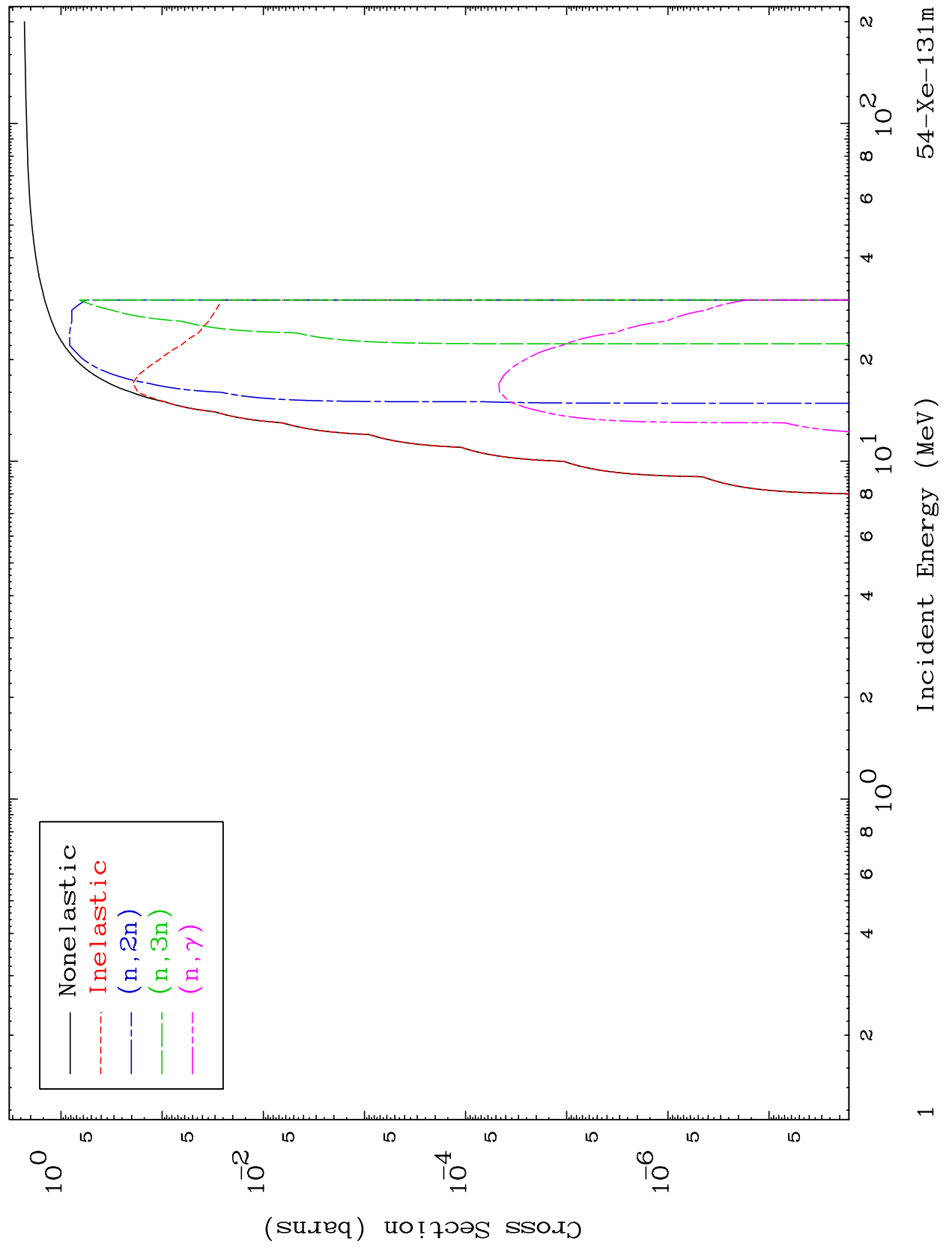
Press Mouse Button to Start

MAT 5447

0 Kelvin

$\alpha$  Major Cross Sections

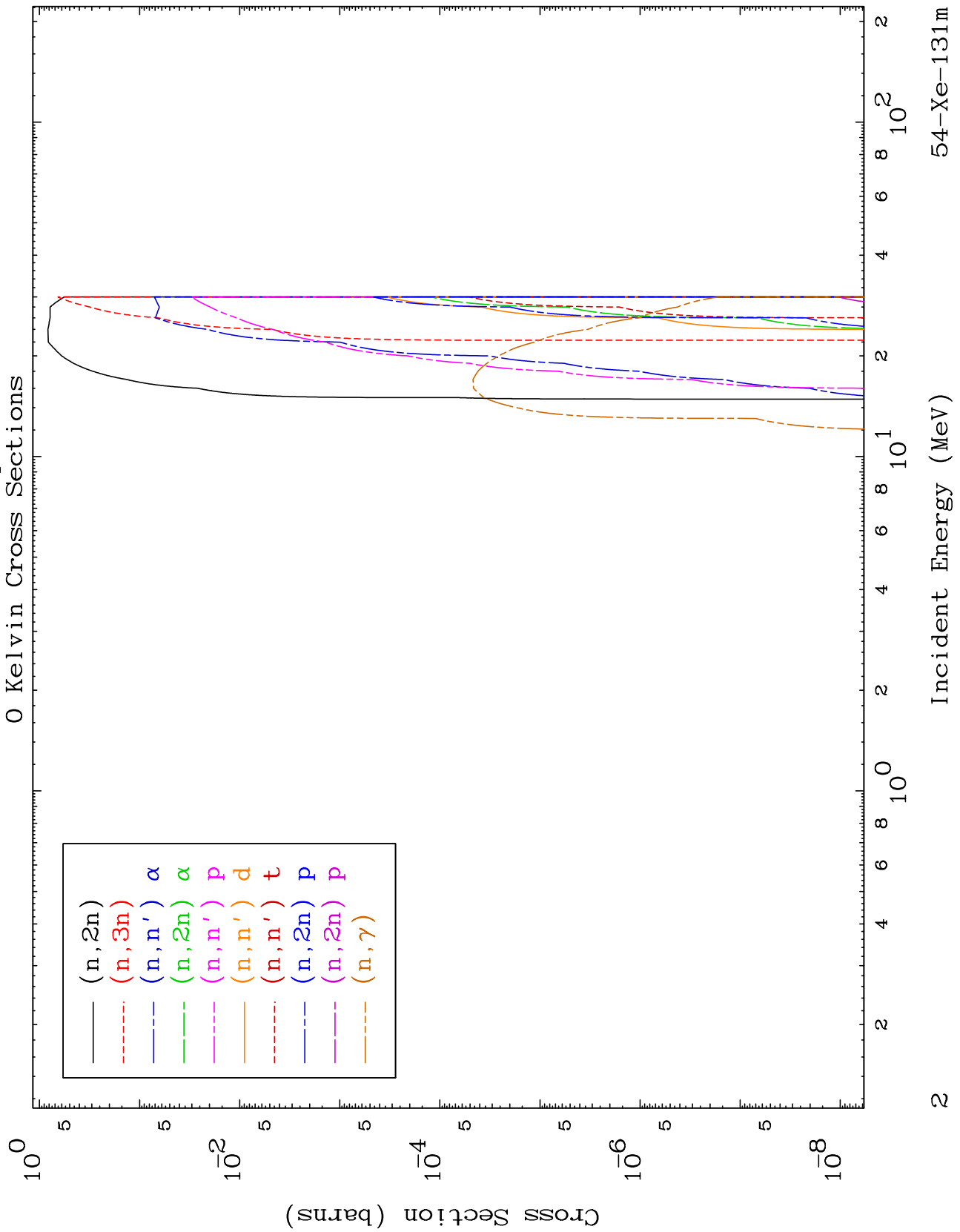
54-Xe-131m



MAT 5447

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

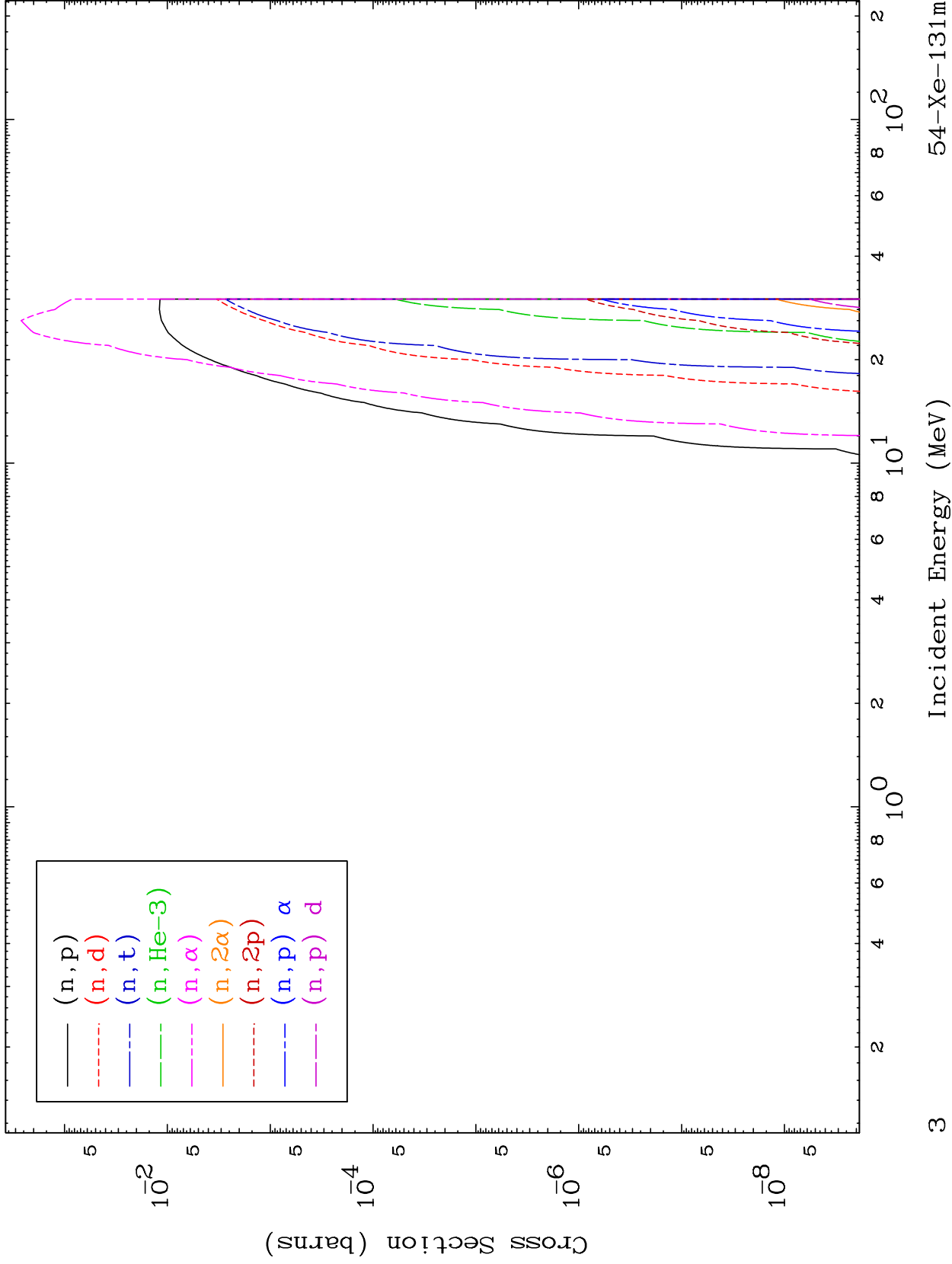
54-Xe-131m

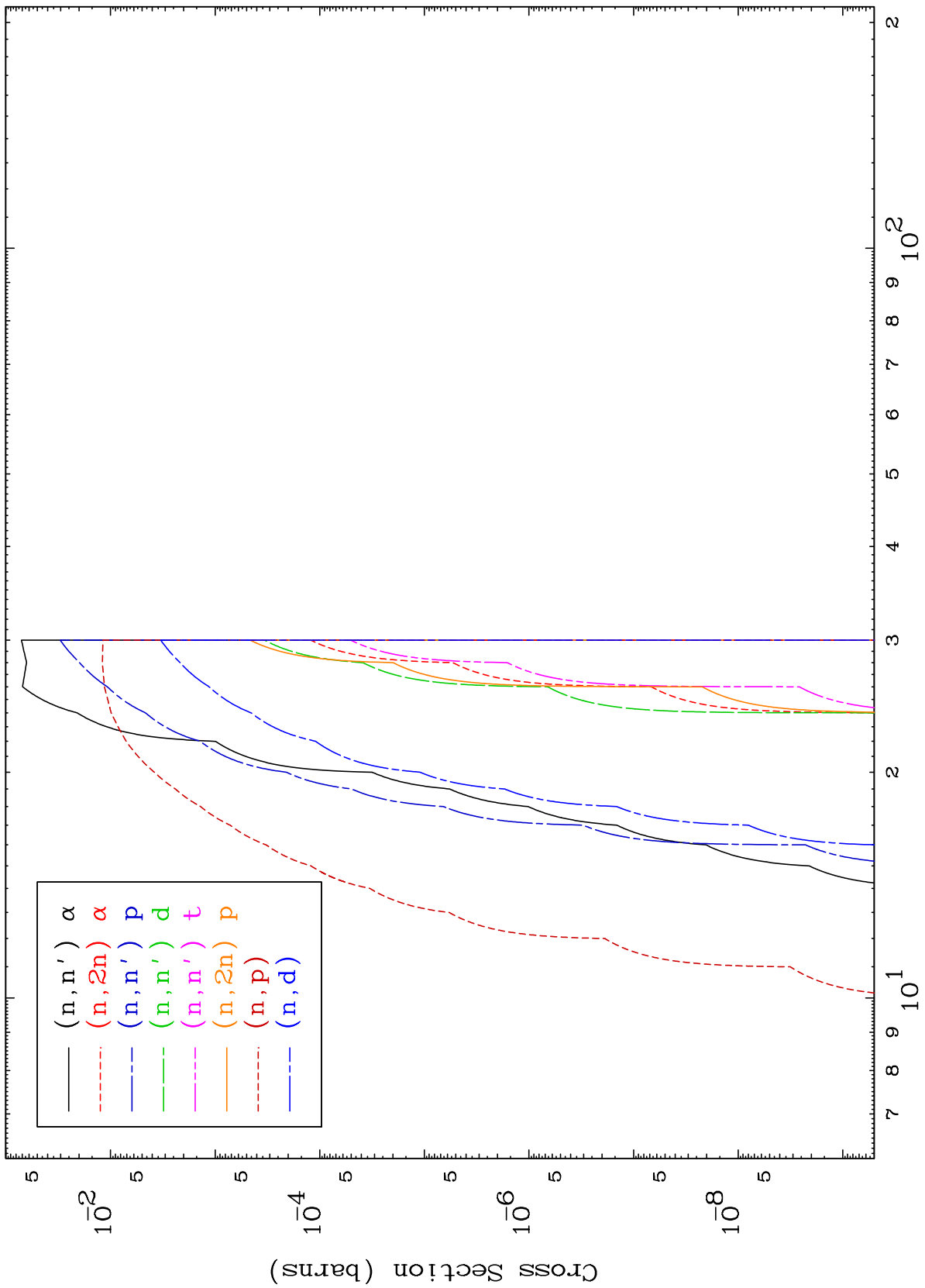


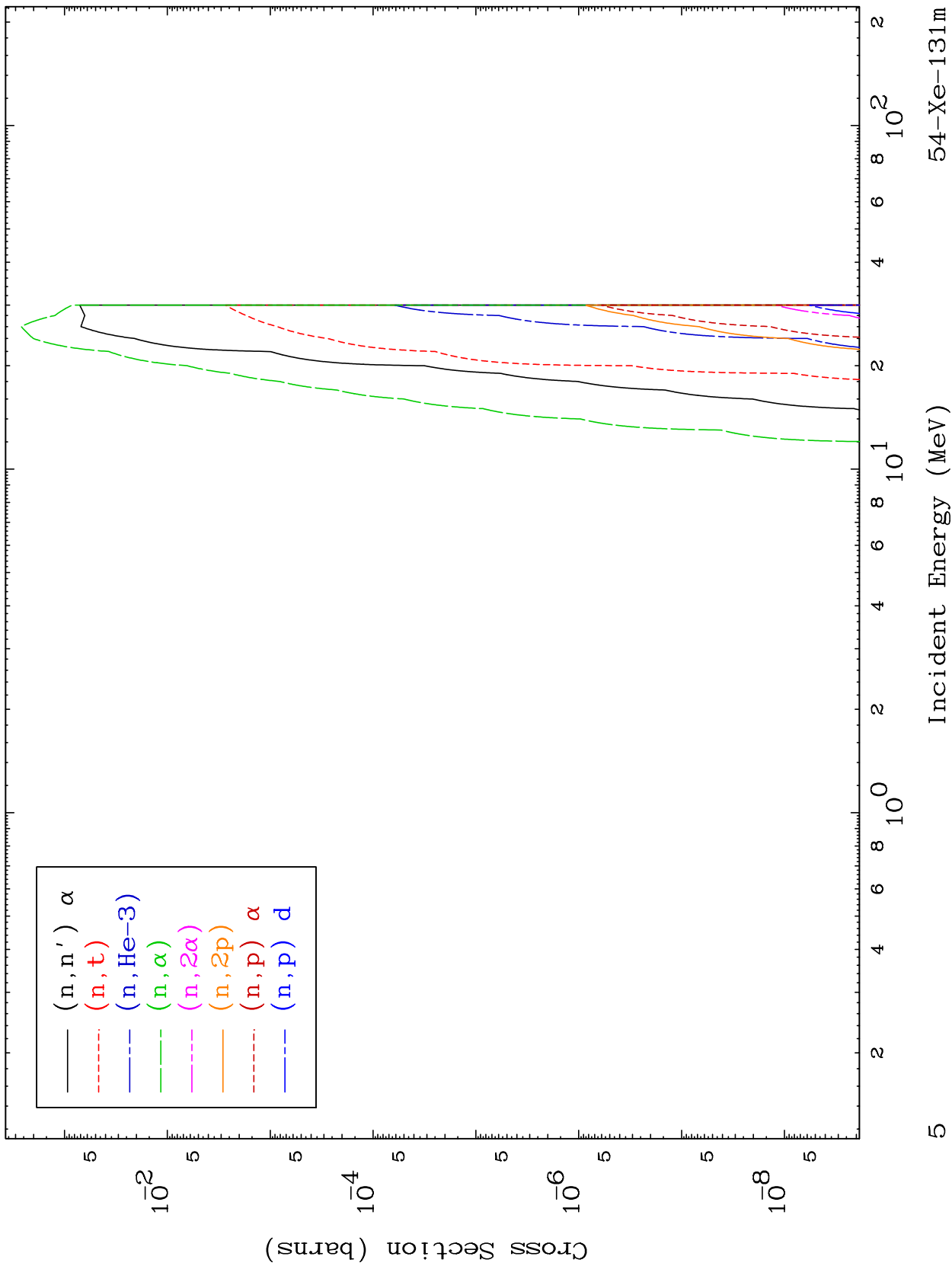
MAT 5447

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-131m





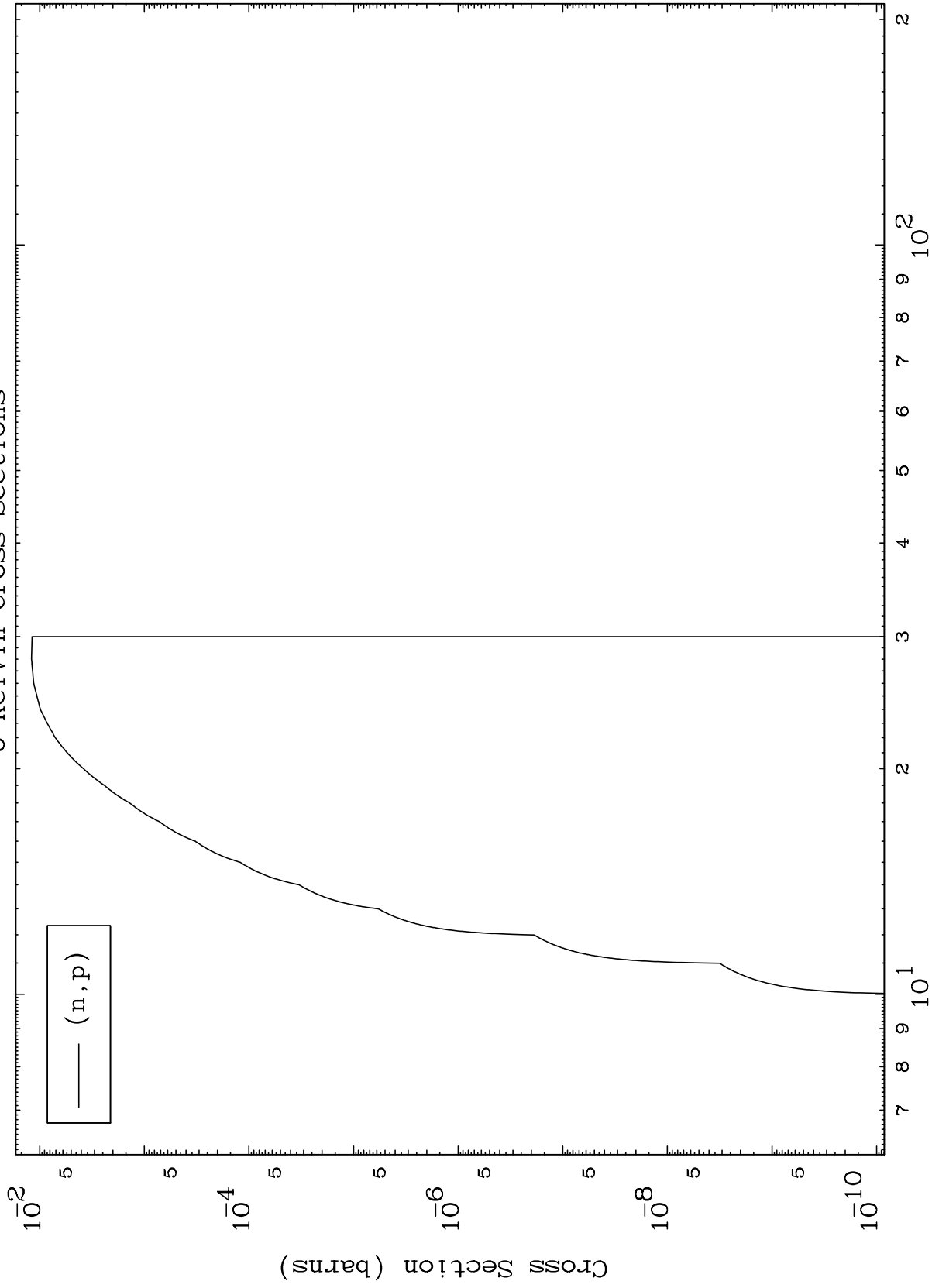


MAT 5447

( $\alpha, p$ ) Levels

54-Xe-131m

0 Kelvin Cross Sections



6

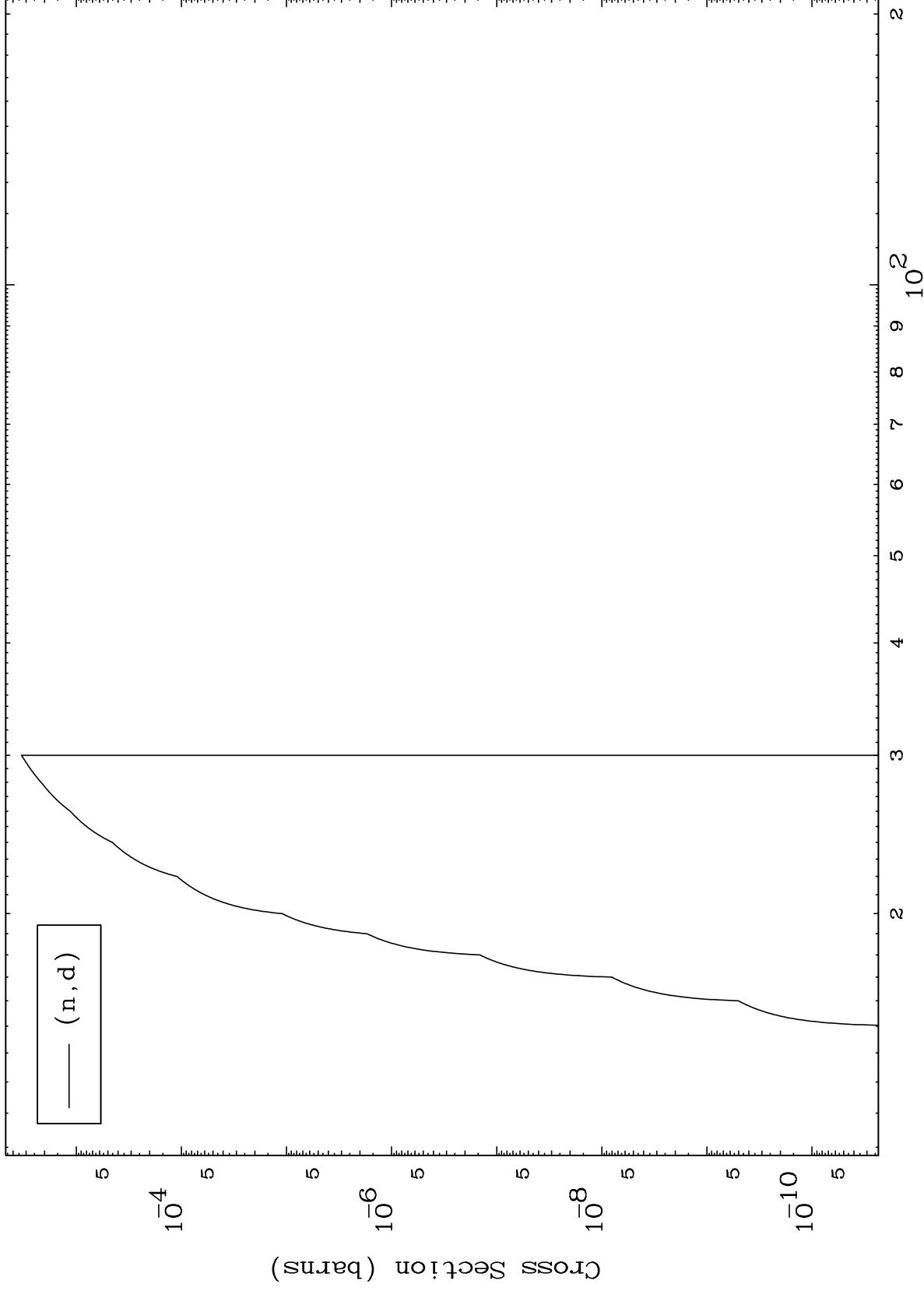
Incident Energy (MeV)

54-Xe-131m

MAT 5447

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

54-Xe-131m



7

Incident Energy (MeV)

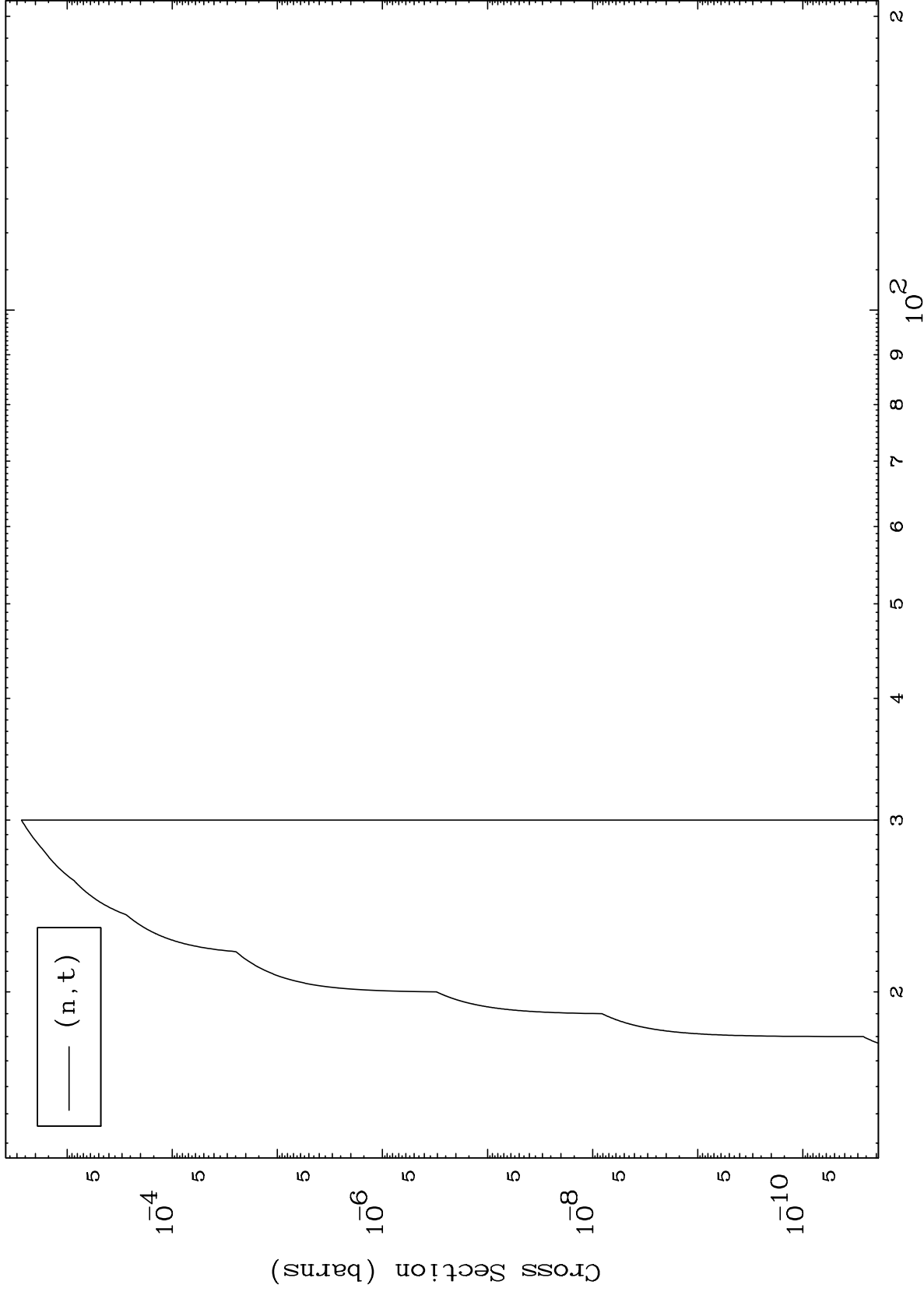
54-Xe-131m

MAT 5447

( $\alpha, t$ ) Levels

54-Xe-131m

0 Kelvin Cross Sections



8

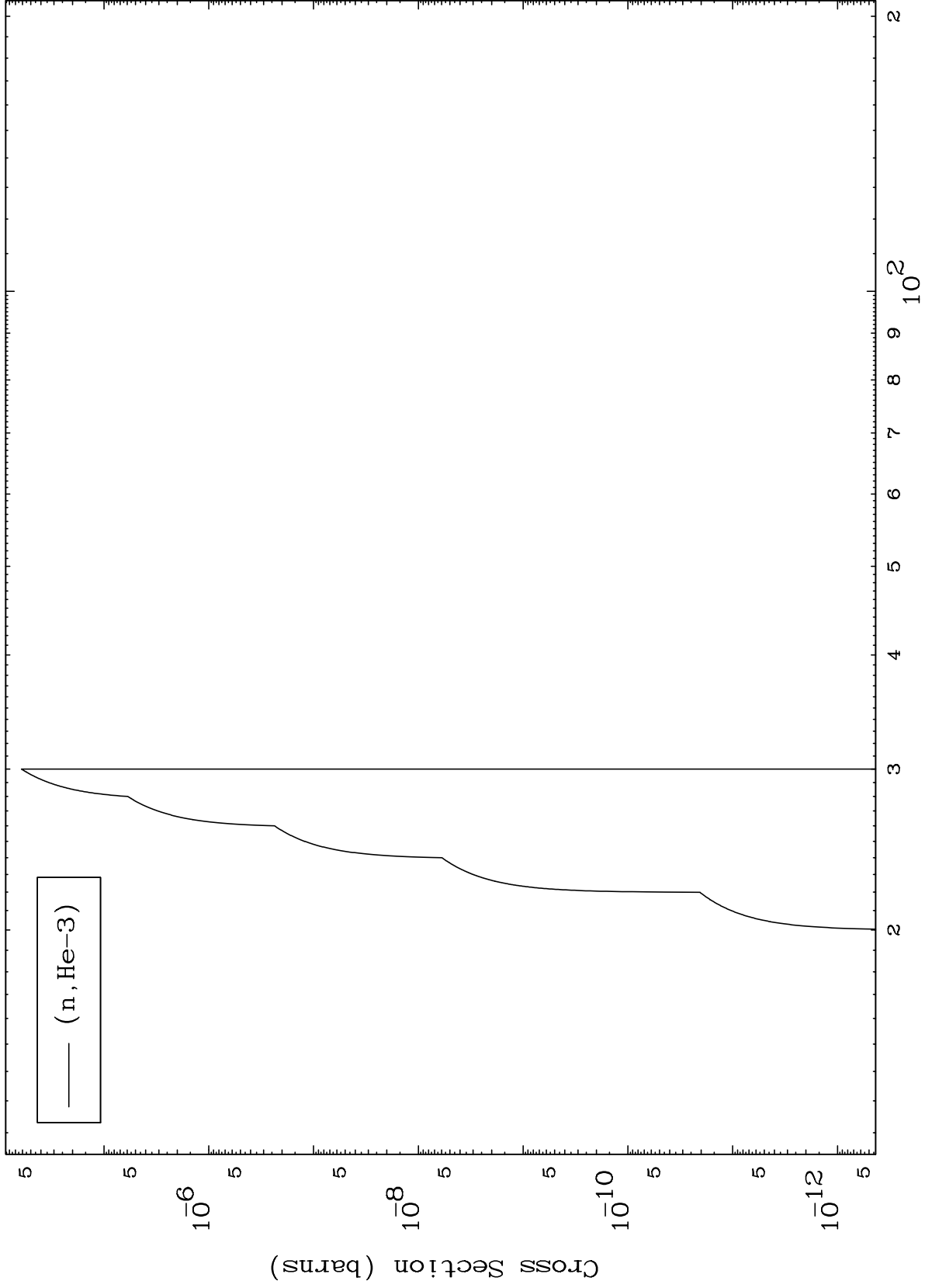
Incident Energy (MeV)

54-Xe-131m

MAT 5447

( $\alpha, \text{He3}$ ) Levels  
0 Kelvin Cross Sections

54-Xe-131m

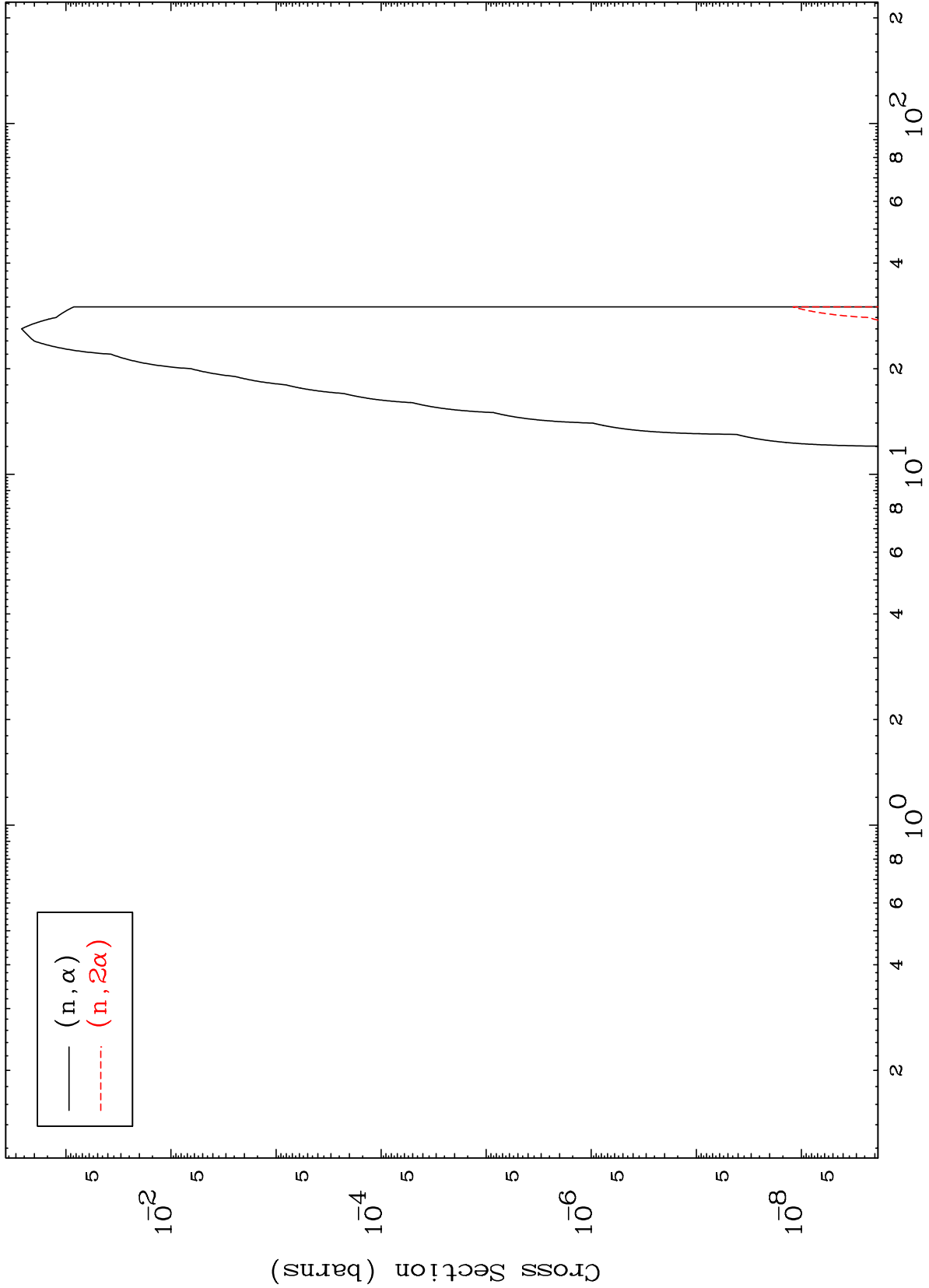


MAT 5447

( $\alpha, \alpha$ ) Levels

54-Xe-131m

0 Kelvin Cross Sections



— (n,  $\alpha$ )  
- - - (n,  $2\alpha$ )

10

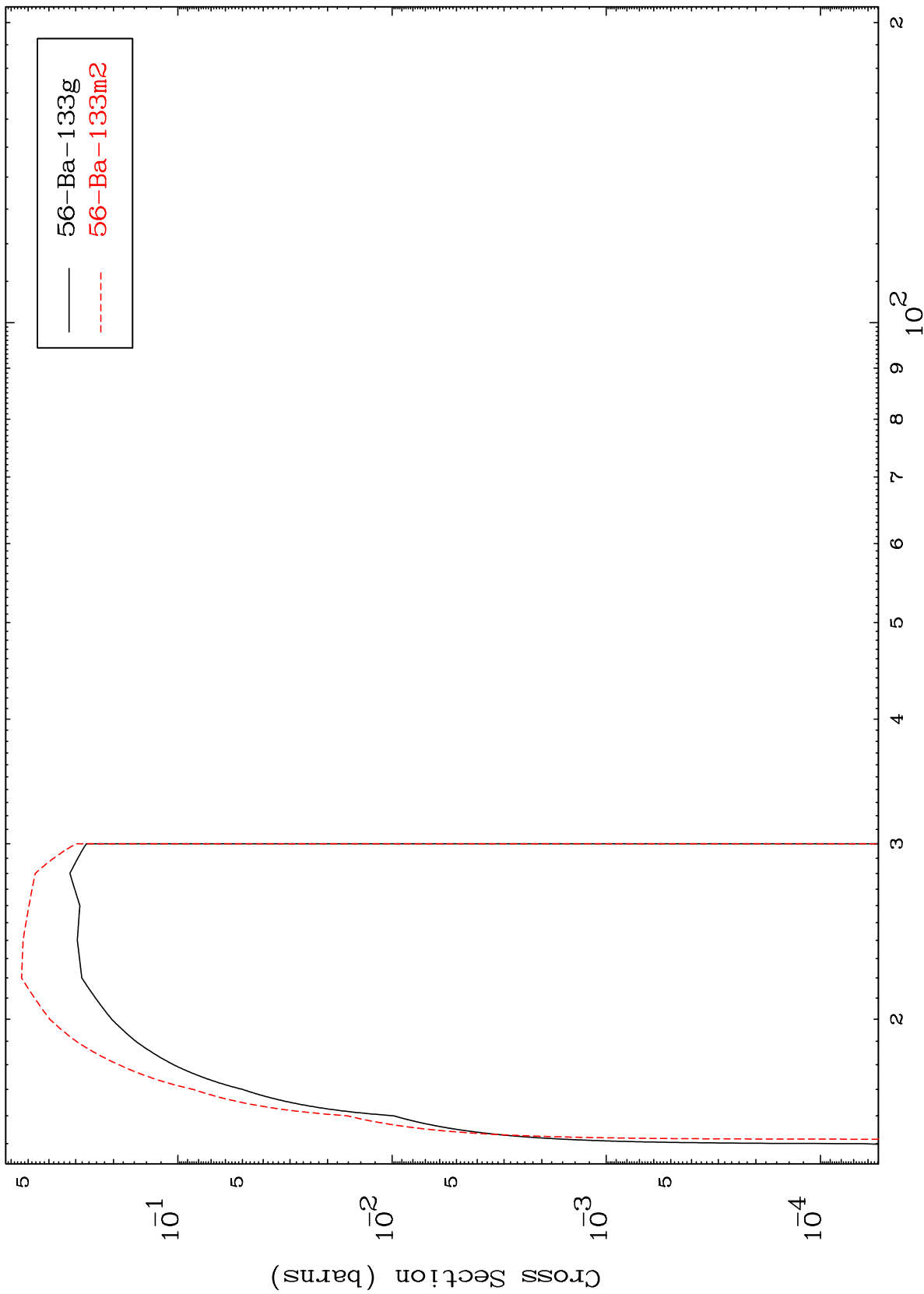
Incident Energy (MeV)

54-Xe-131m

MAT 5447

54-Xe-131m

(n,2n)  
Radionuclide Production Cross Section



11

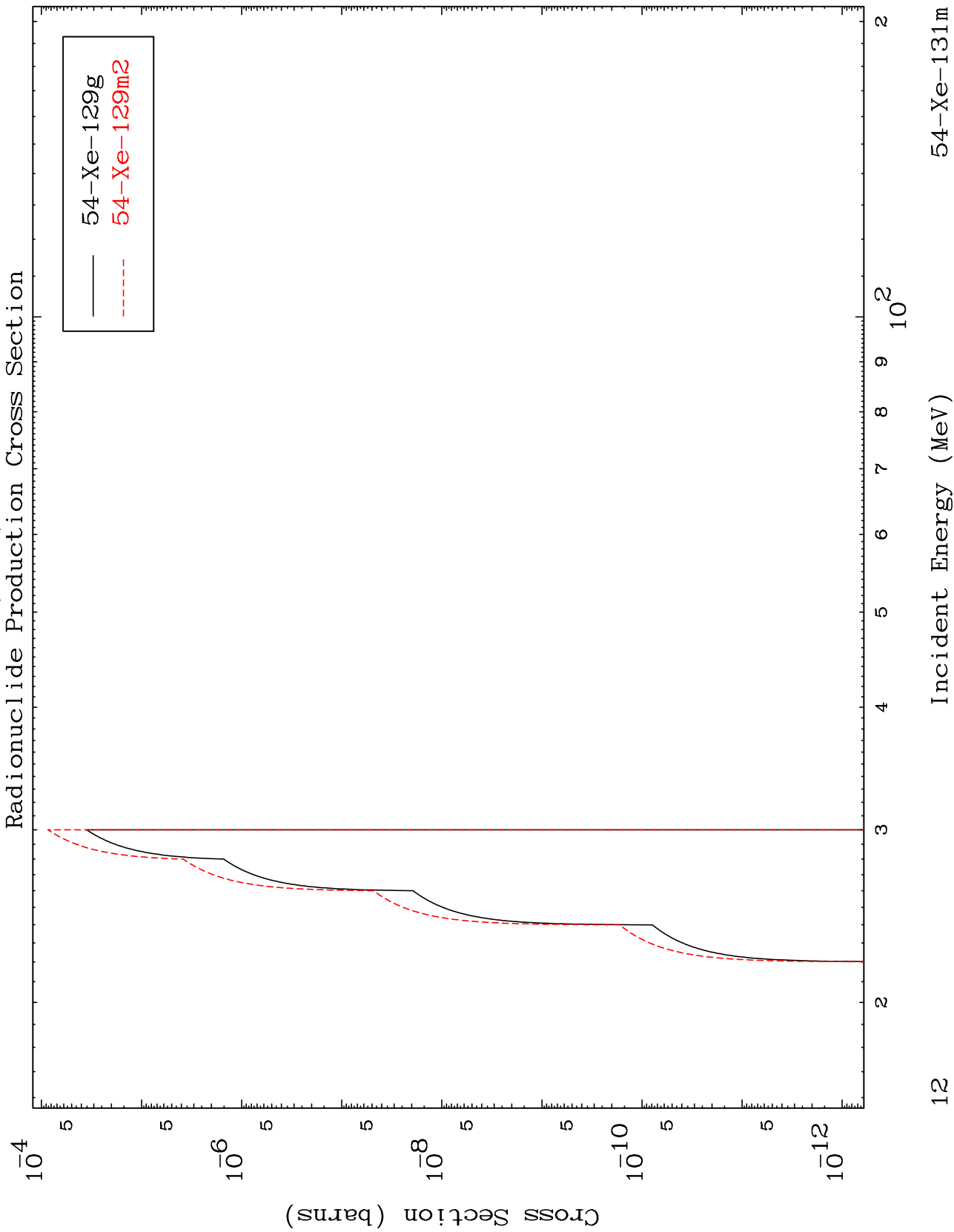
Incident Energy (MeV)

54-Xe-131m

MAT 5447

(n,2n)  $\alpha$

54-Xe-131m



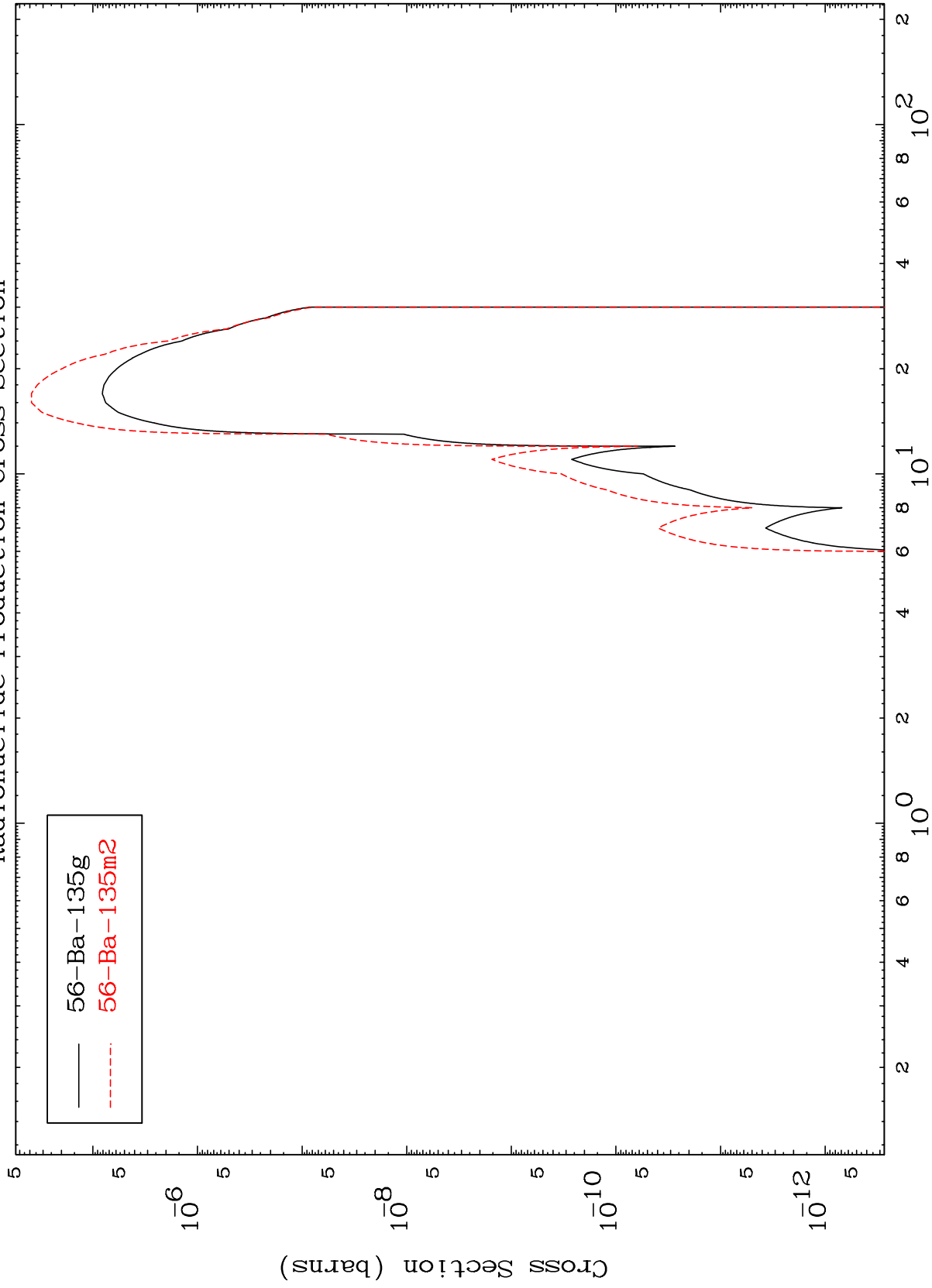
12

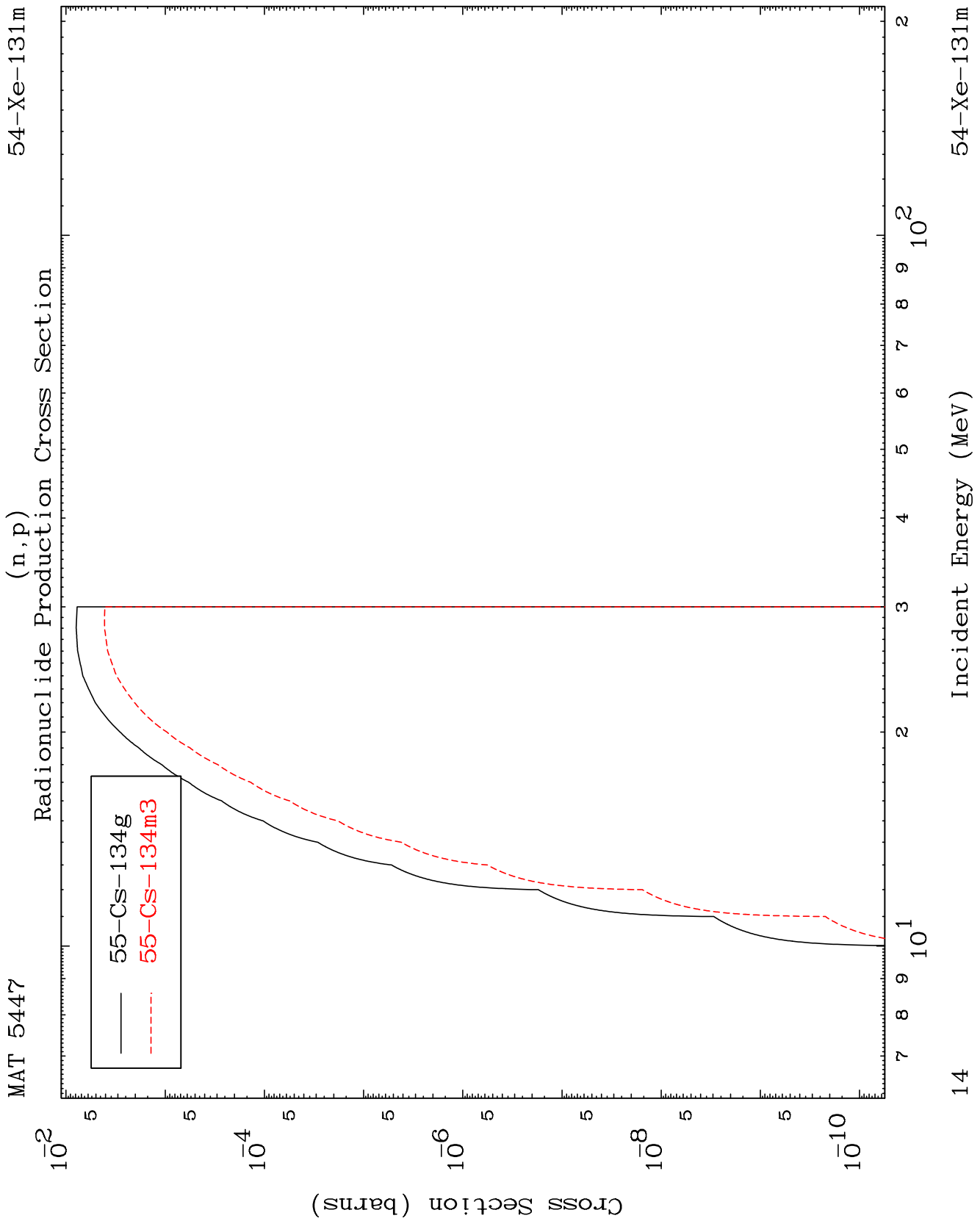
54-Xe-131m

MAT 5447

54-Xe-131m

Radionuclide Production Cross Section

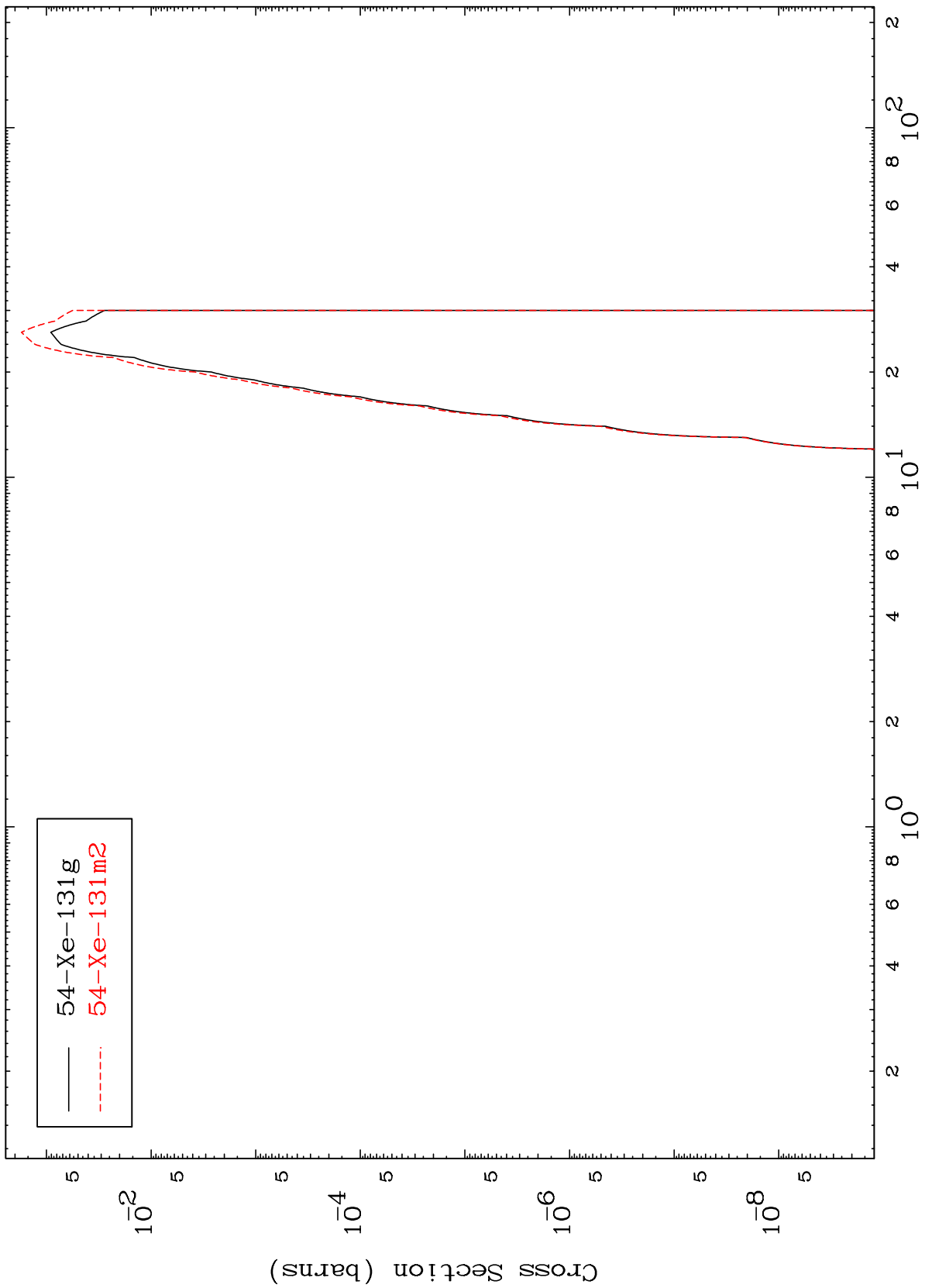




MAT 5447

54-Xe-131m

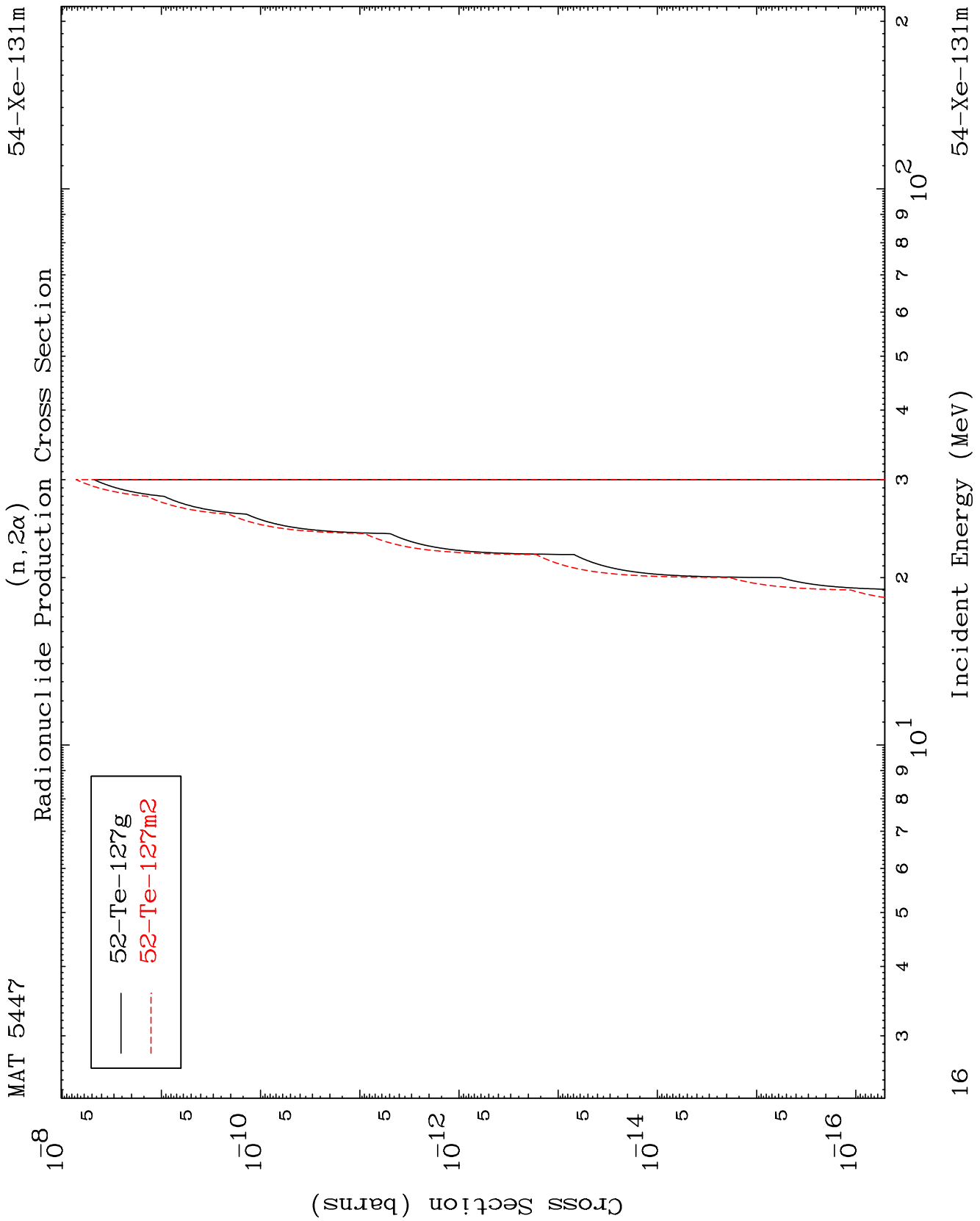
Radionuclide Production Cross Section



15

54-Xe-131m

Incident Energy (MeV)

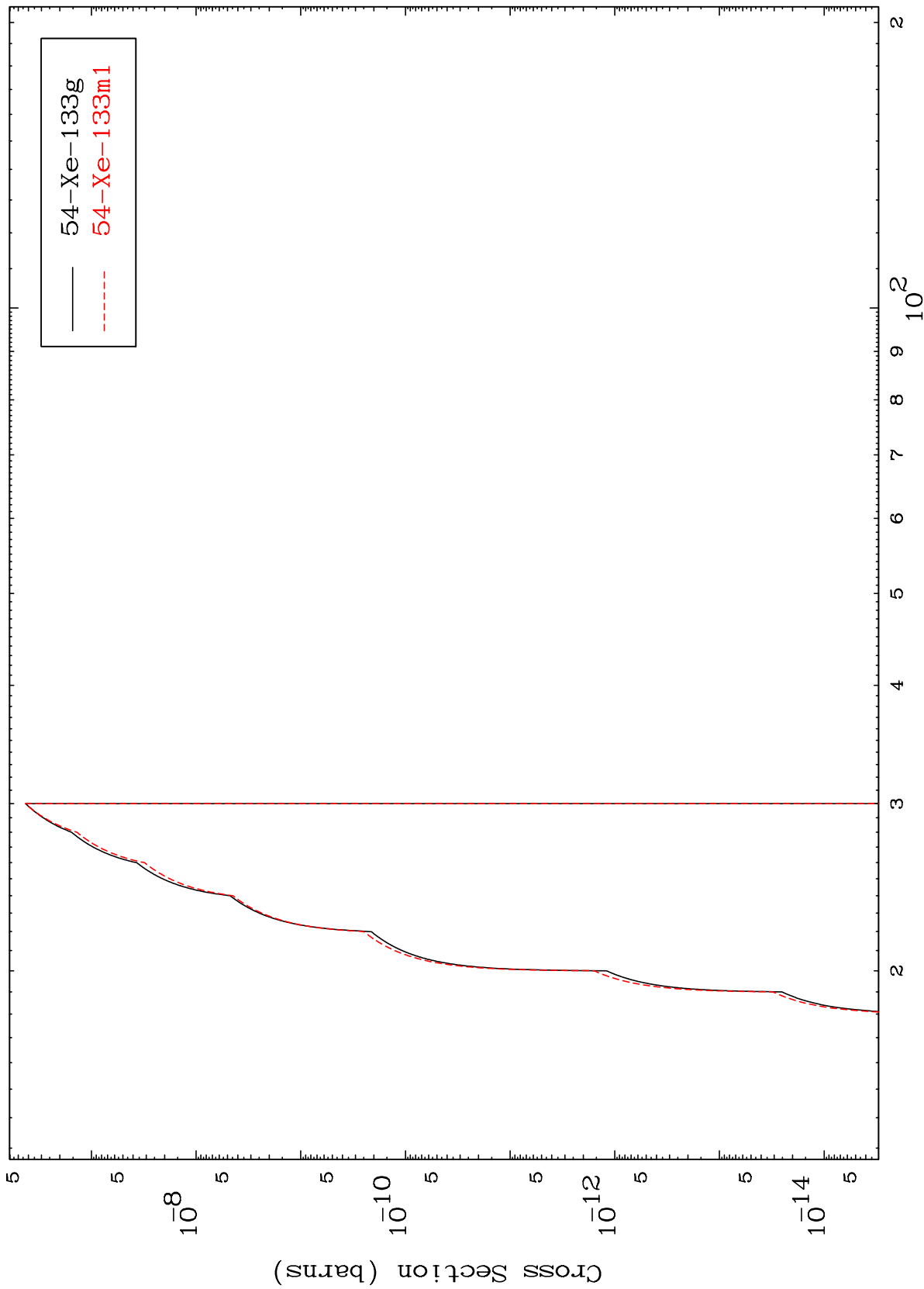


MAT 5447

54-Xe-131m

(n,2p)

Radionuclide Production Cross Section



17

Incident Energy (MeV)

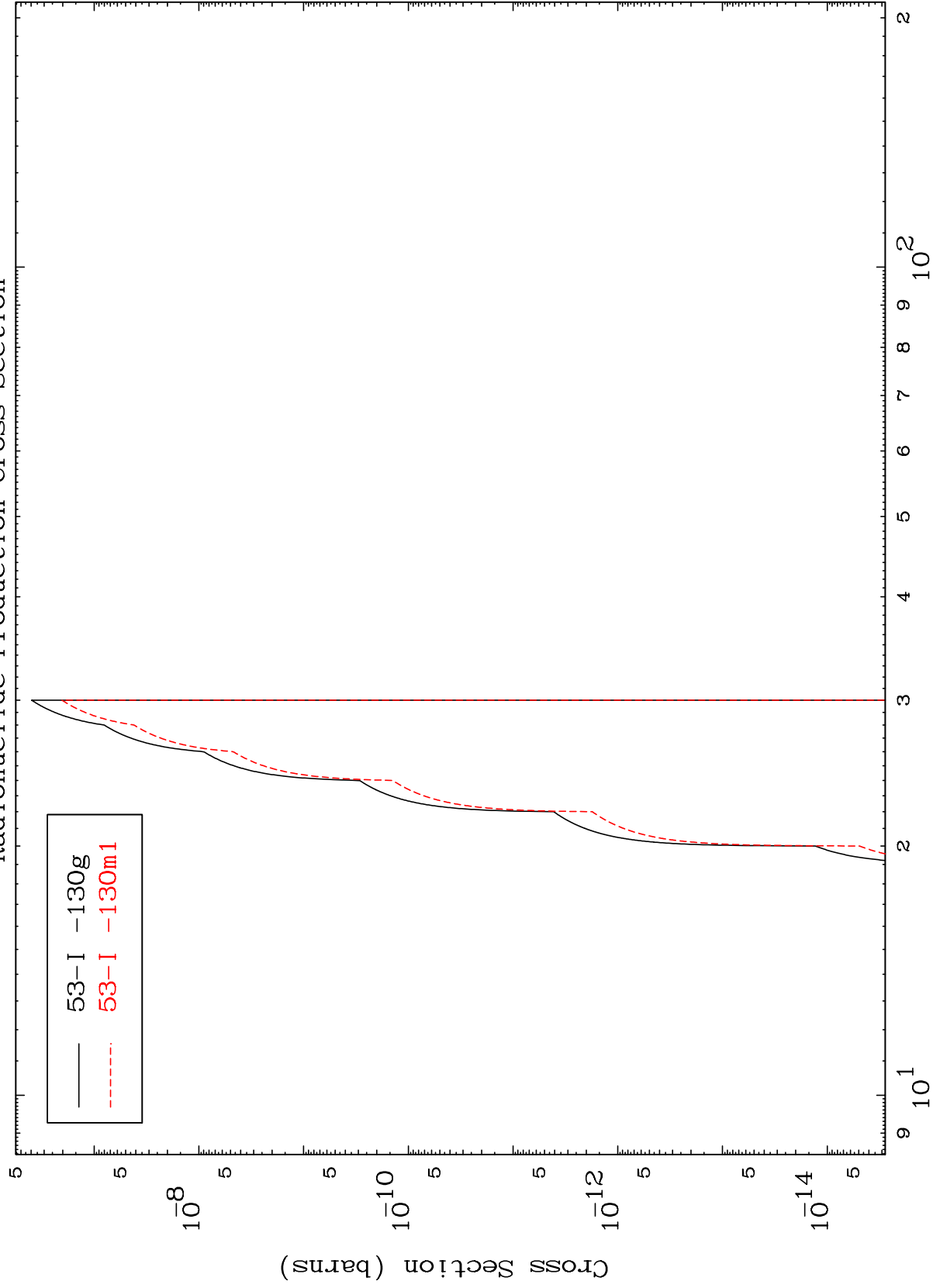
54-Xe-131m

MAT 5447

(n,p)  $\alpha$

54-Xe-131m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

54-Xe-131m