

Program EVALPLOT  
(Version 2021-1)

by

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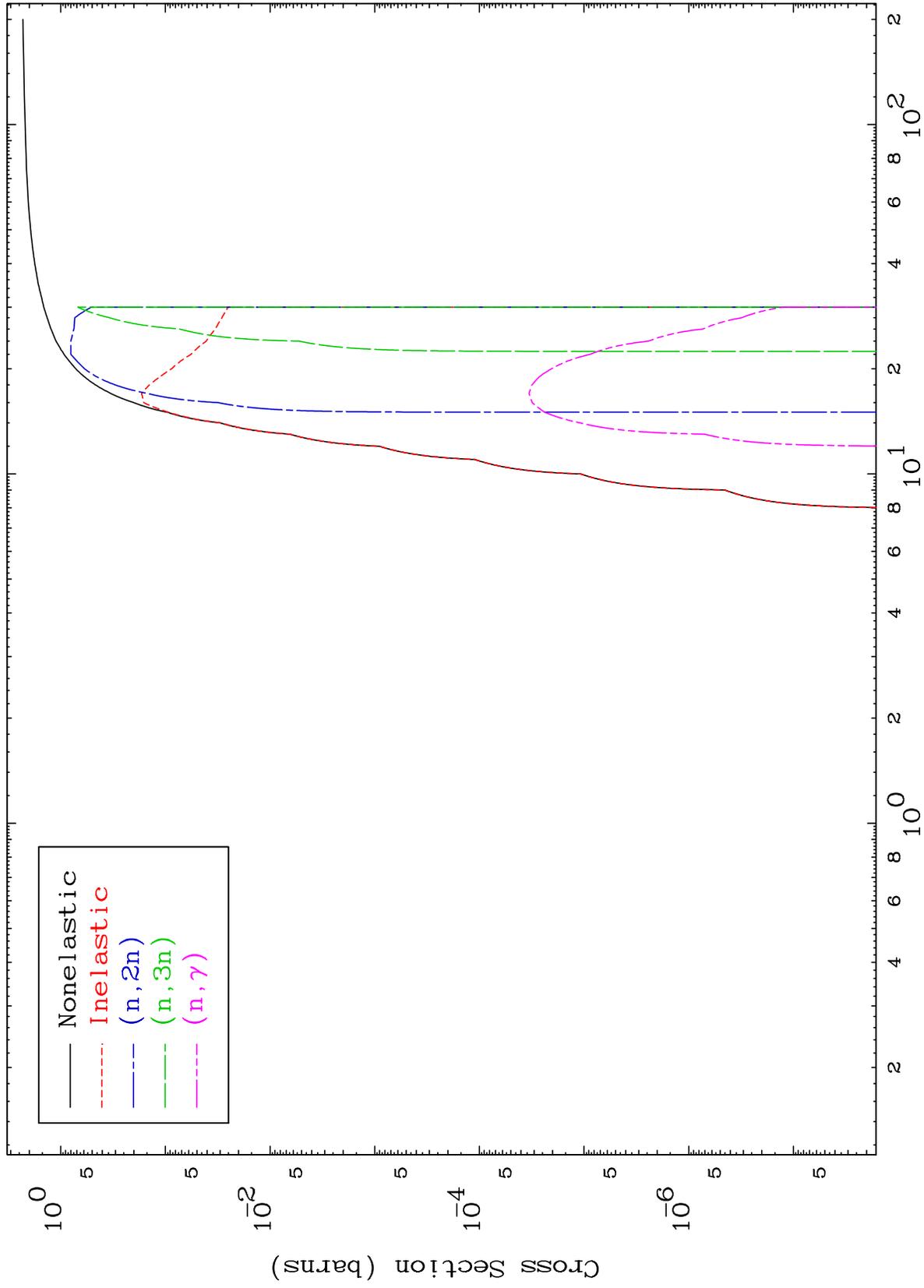
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5446

0 Kelvin  $\alpha$  Major  
Cross Sections

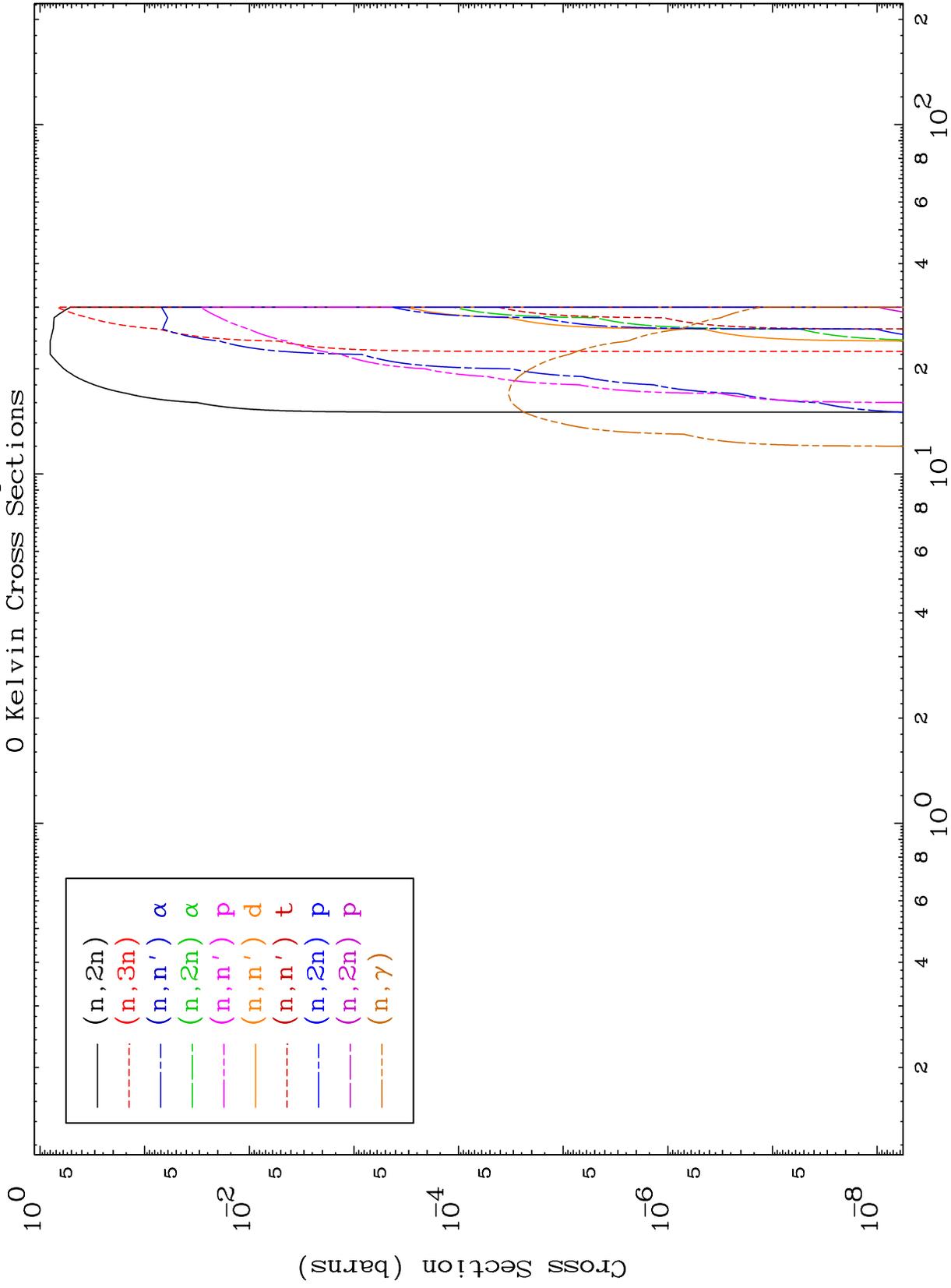
54-Xe-131



MAT 5446

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-131



2

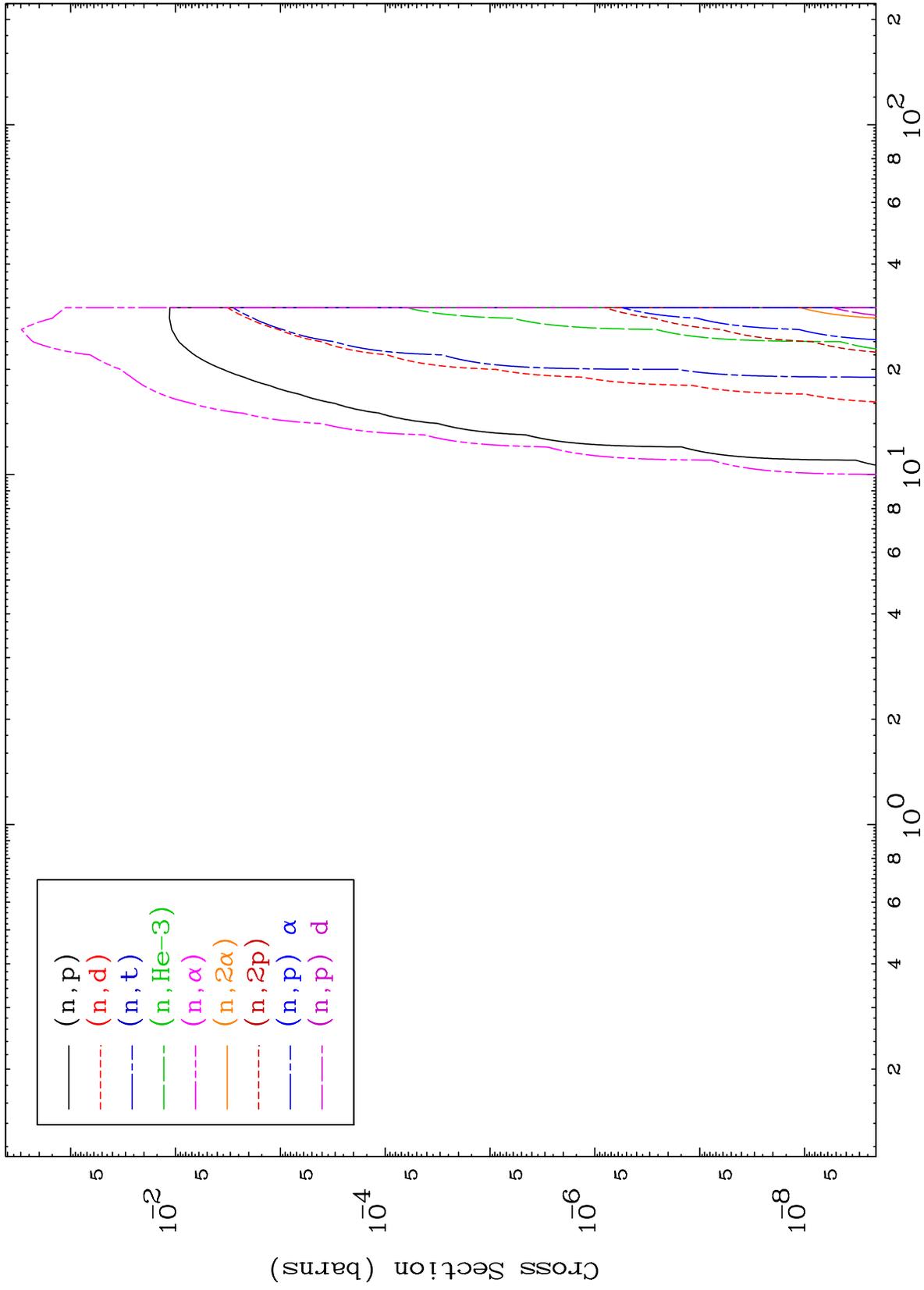
Incident Energy (MeV)

54-Xe-131

MAT 5446

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

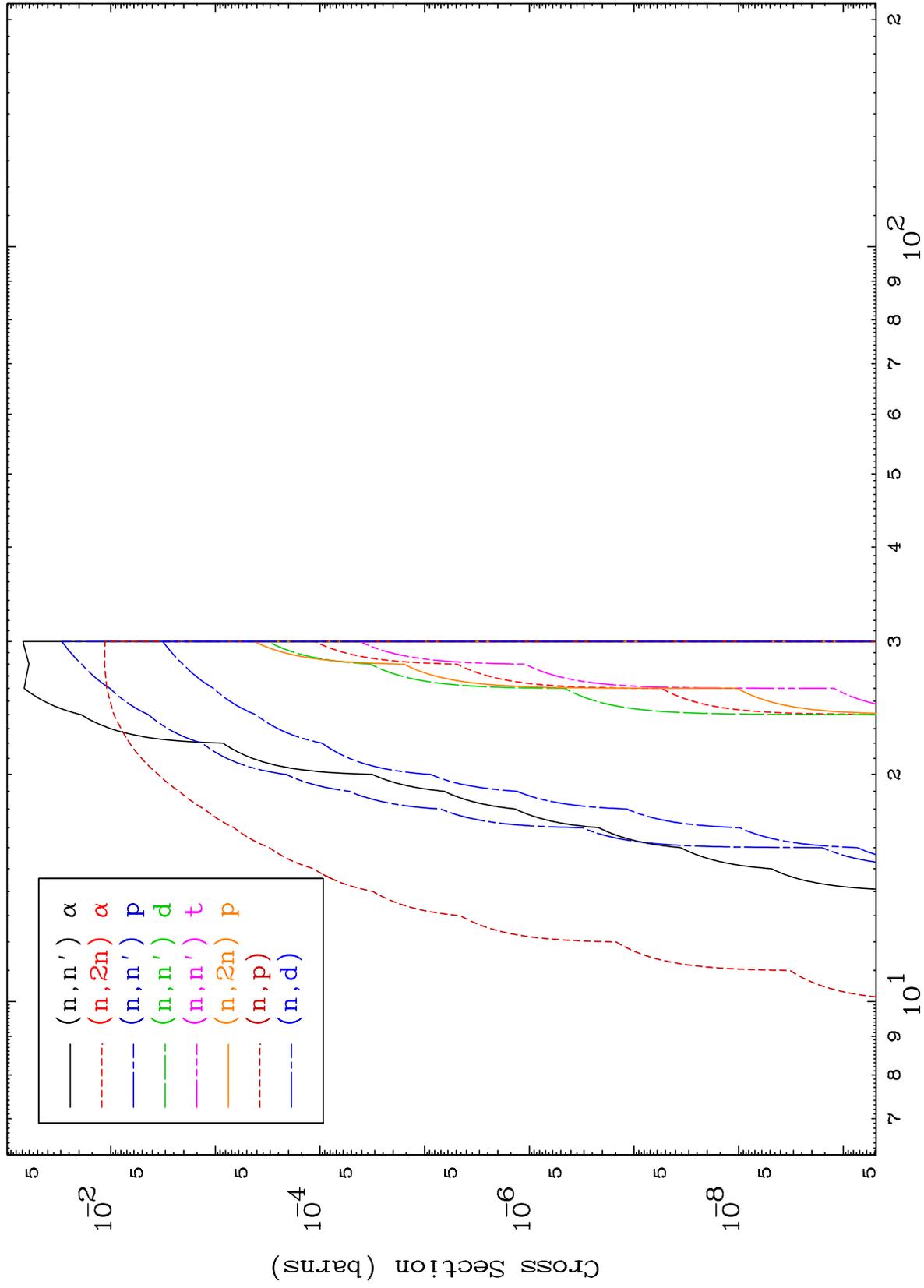
54-Xe-131

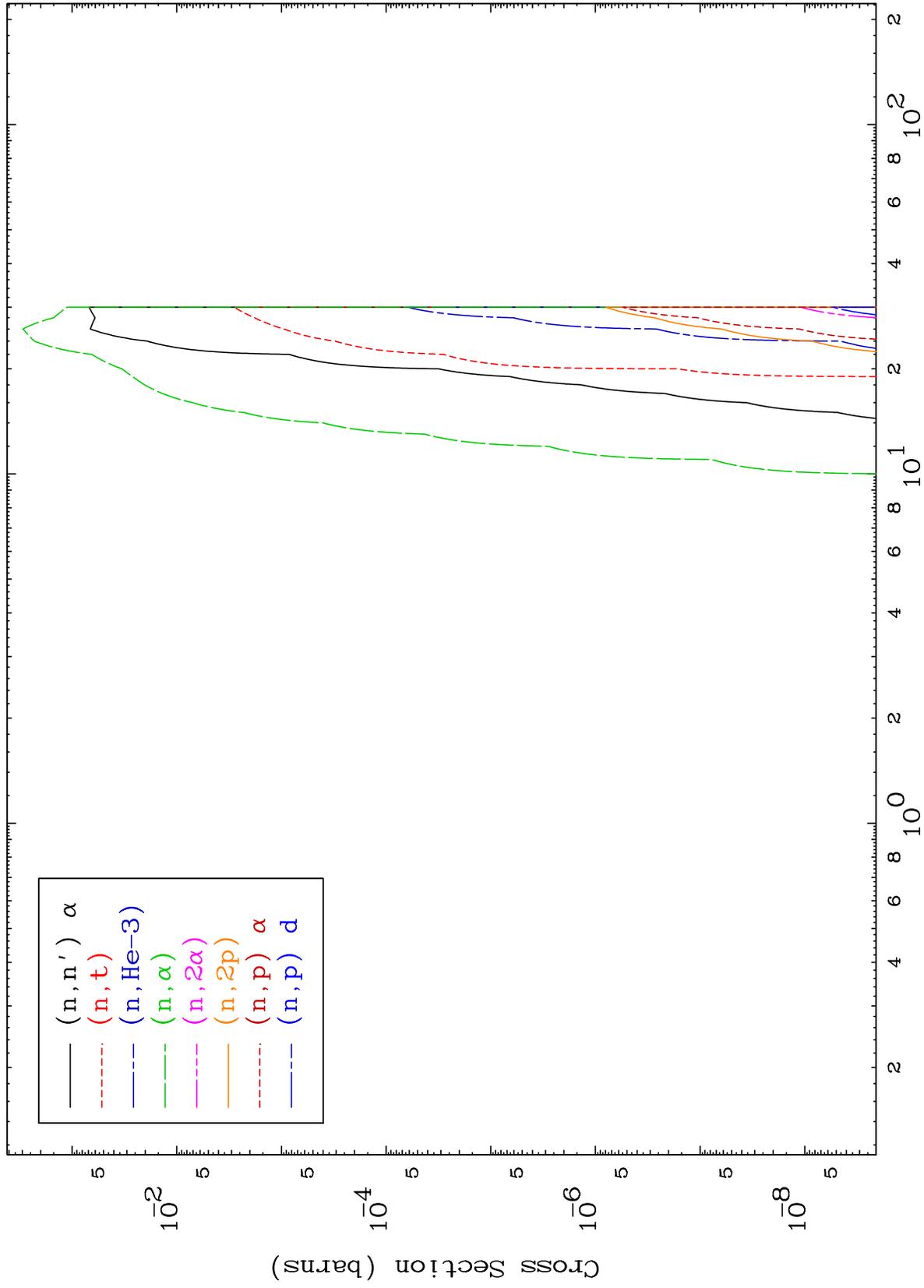


3

Incident Energy (MeV)

54-Xe-131

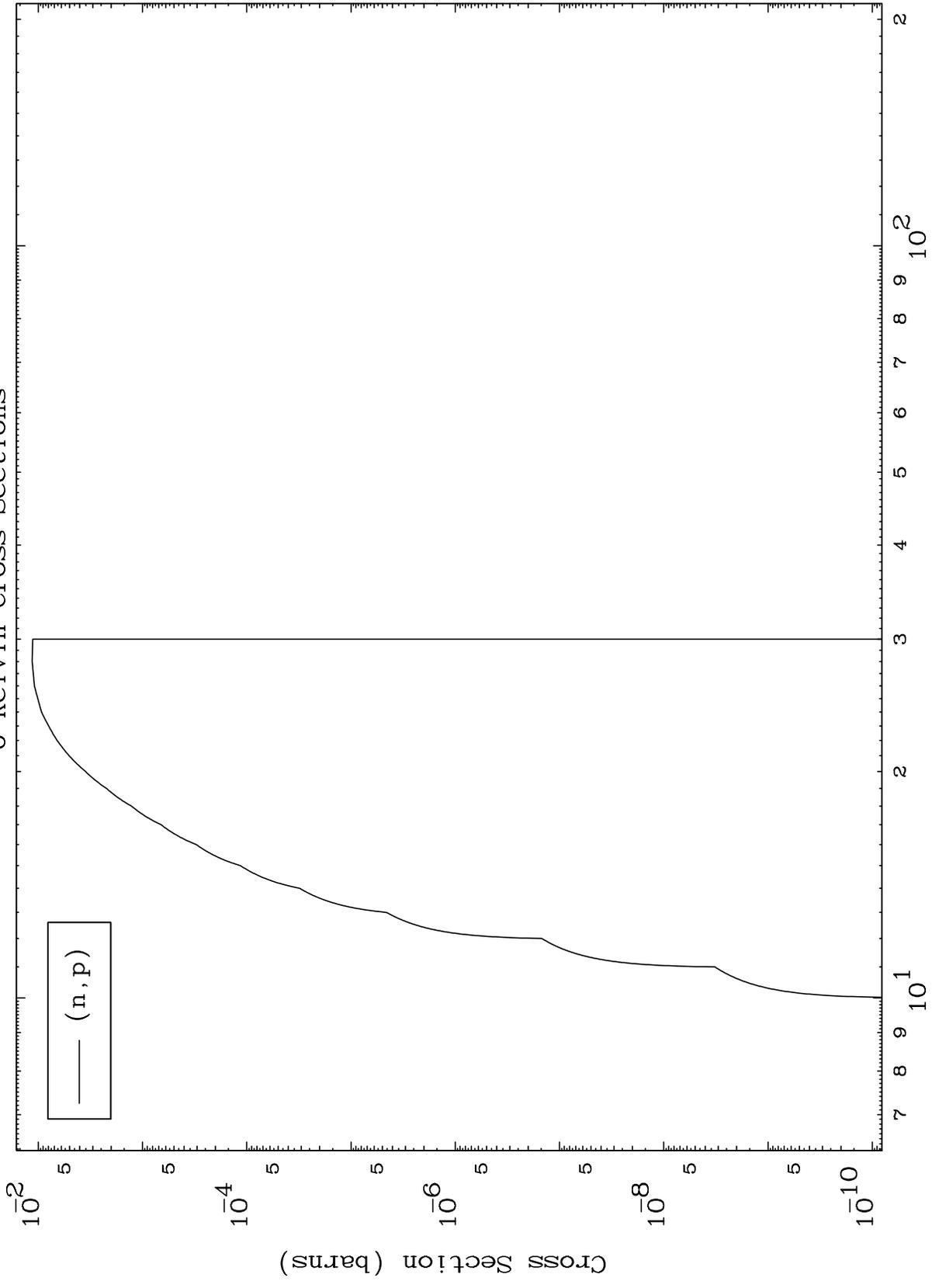




MAT 5446

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

54-Xe-131



6

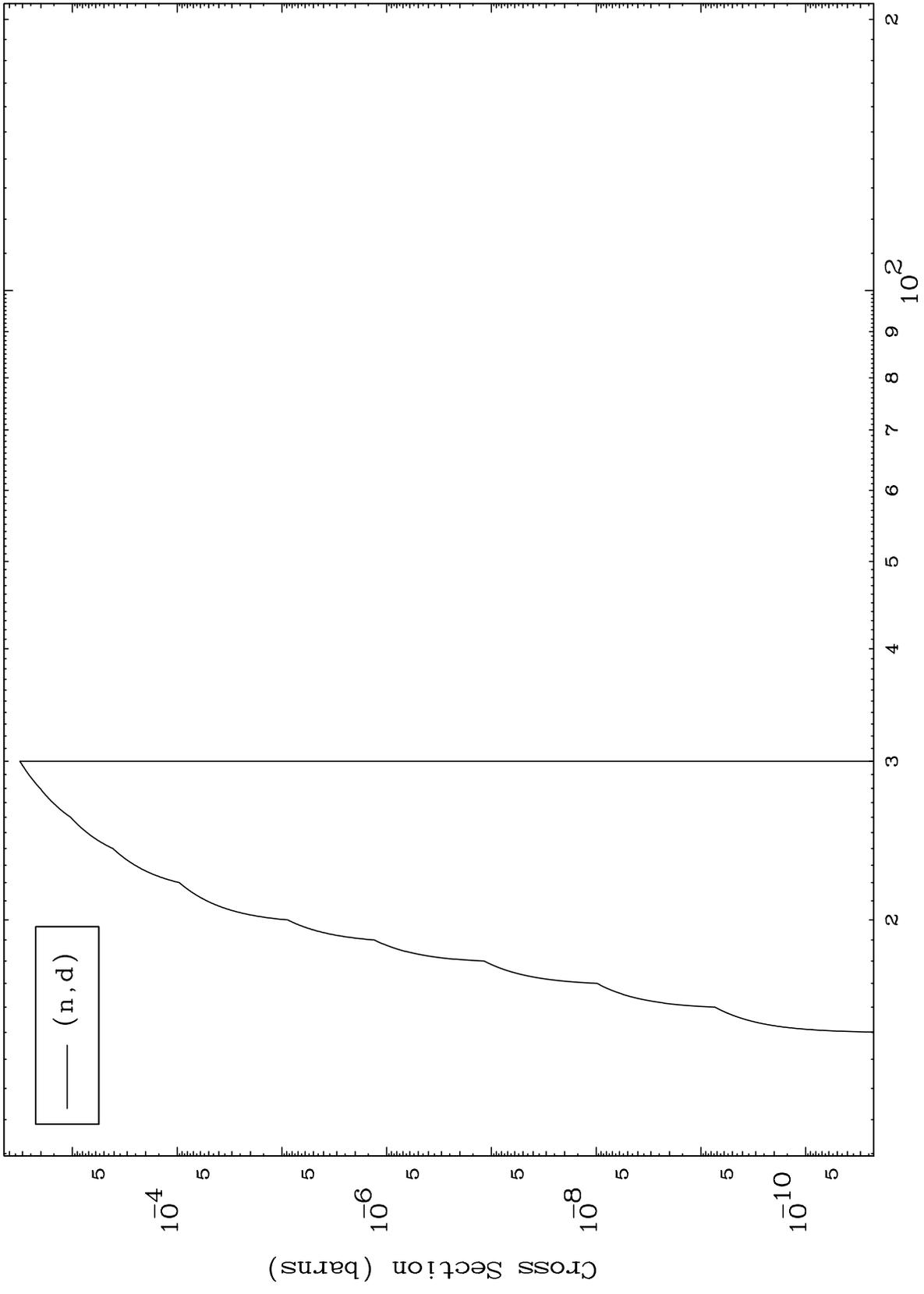
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

54-Xe-131



7

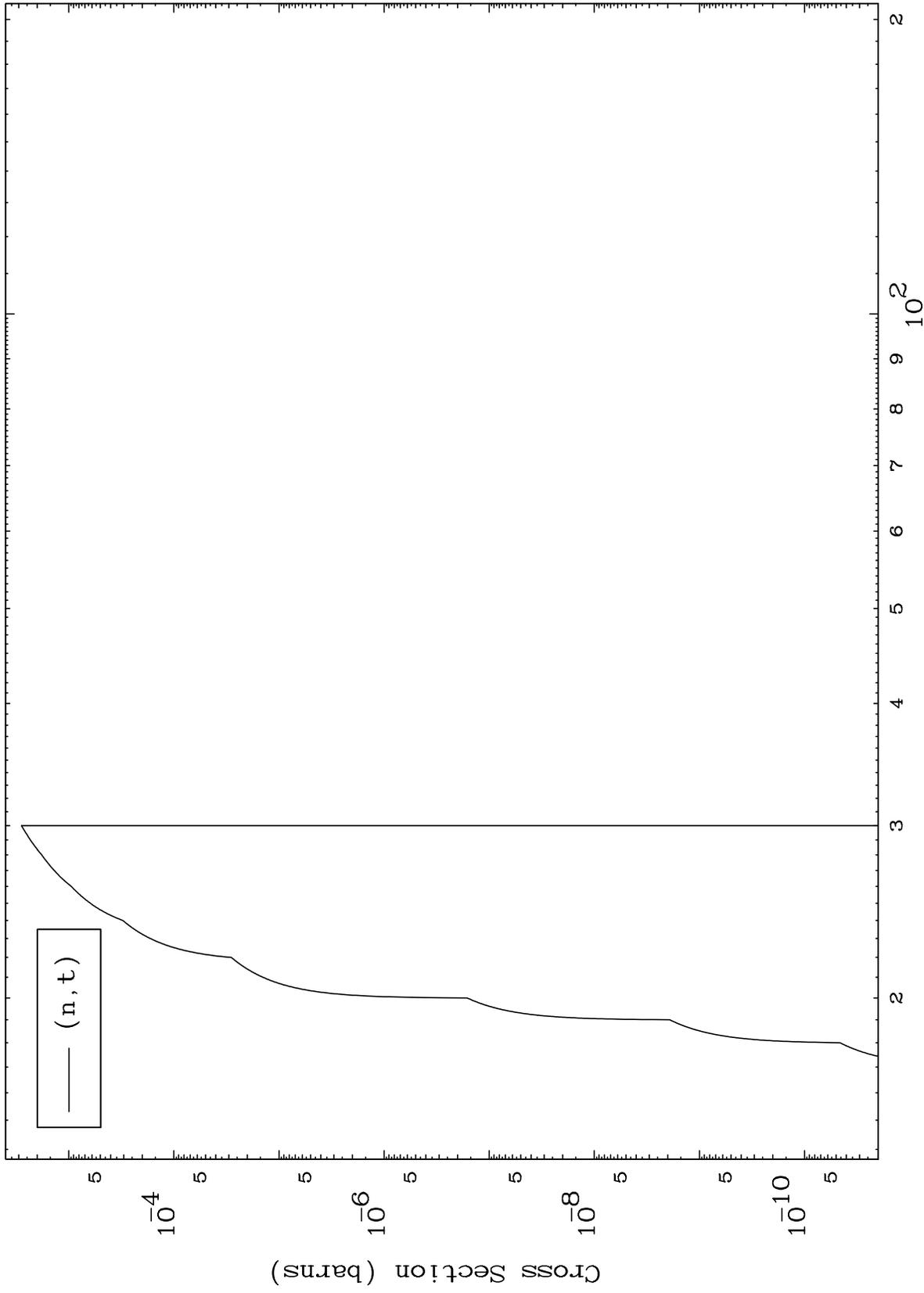
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

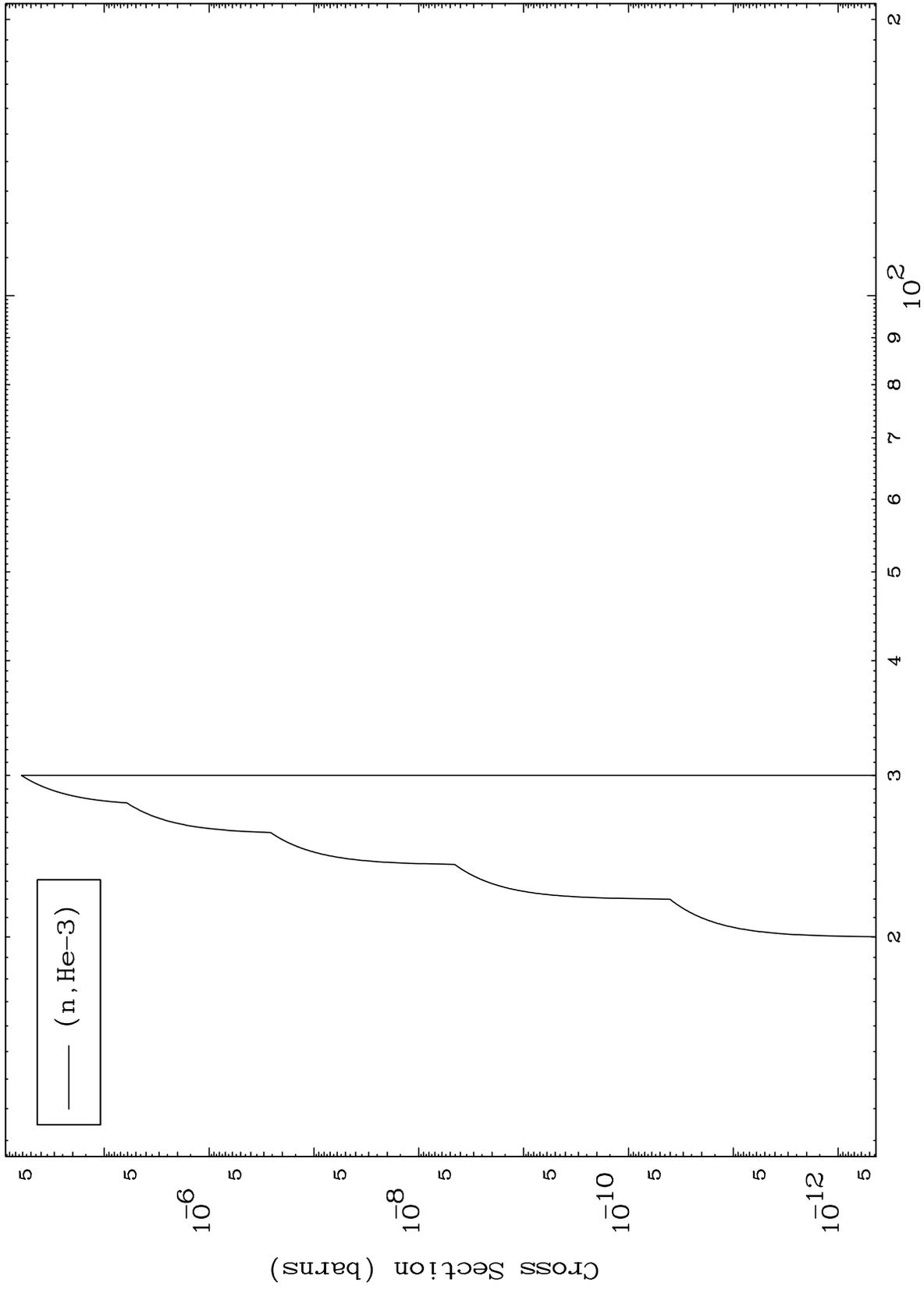
54-Xe-131



8

Incident Energy (MeV)

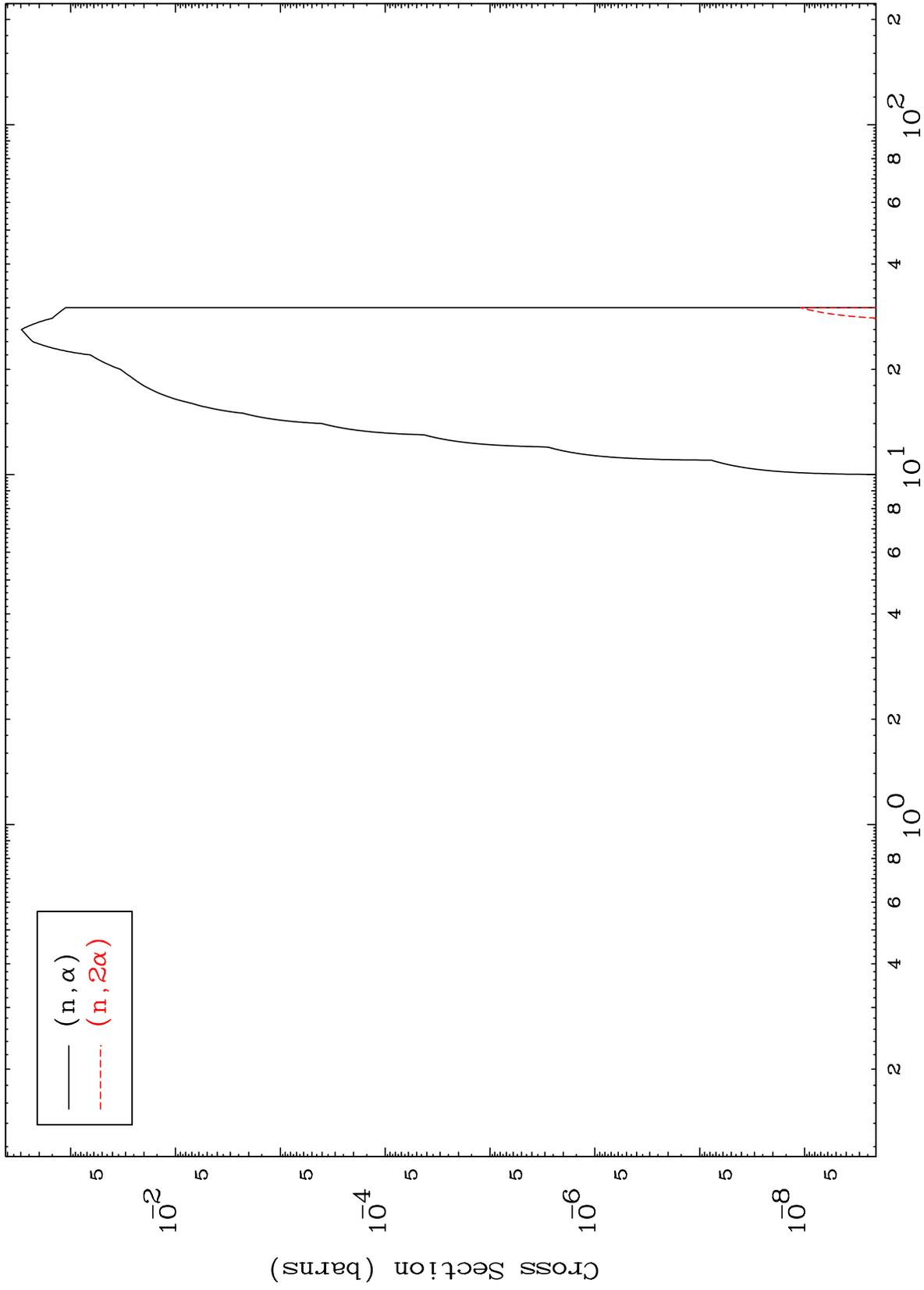
54-Xe-131



MAT 5446

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

54-Xe-131



10

Incident Energy (MeV)

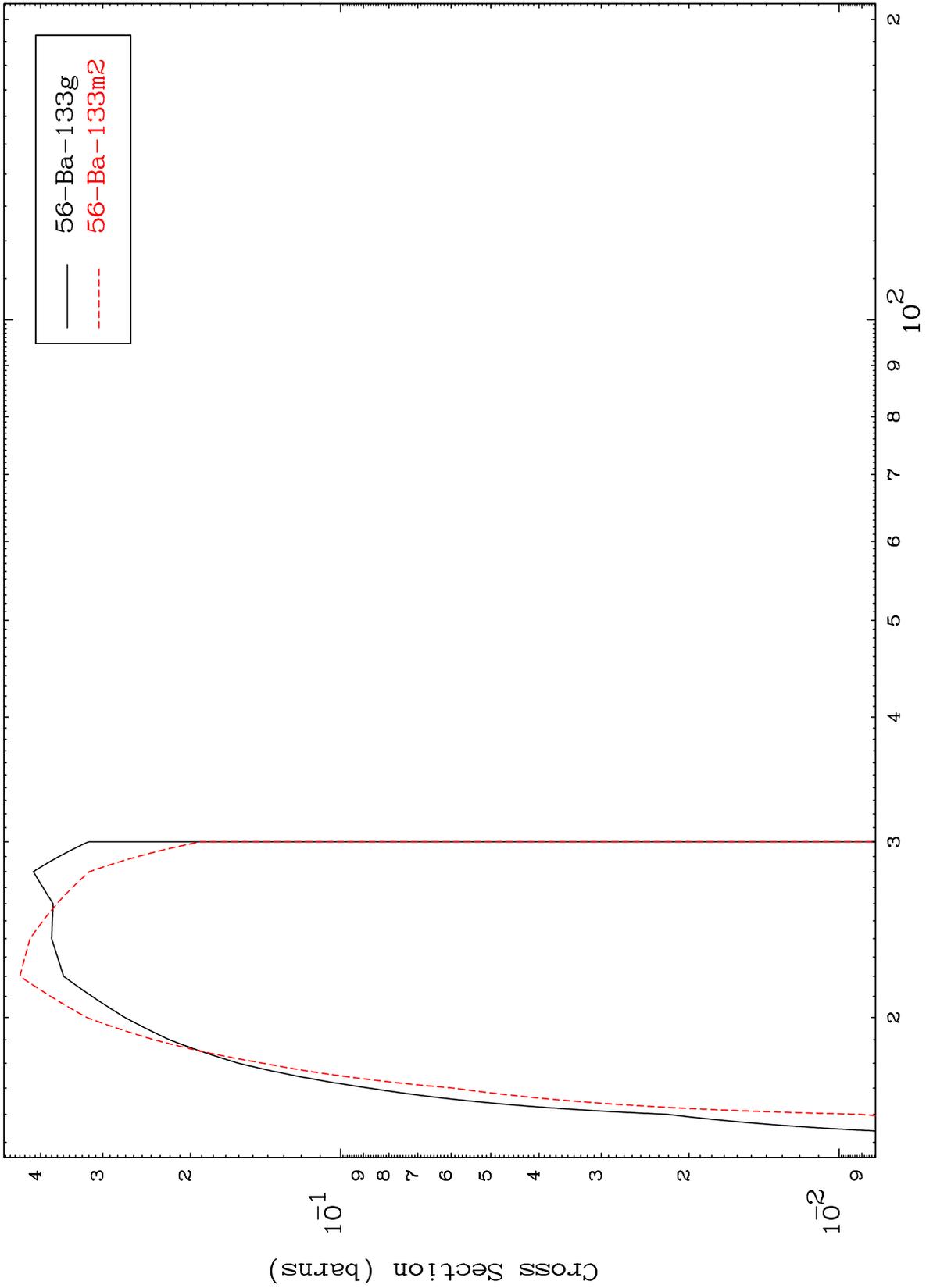
54-Xe-131

MAT 5446

(n,2n)

54-Xe-131

Radionuclide Production Cross Section

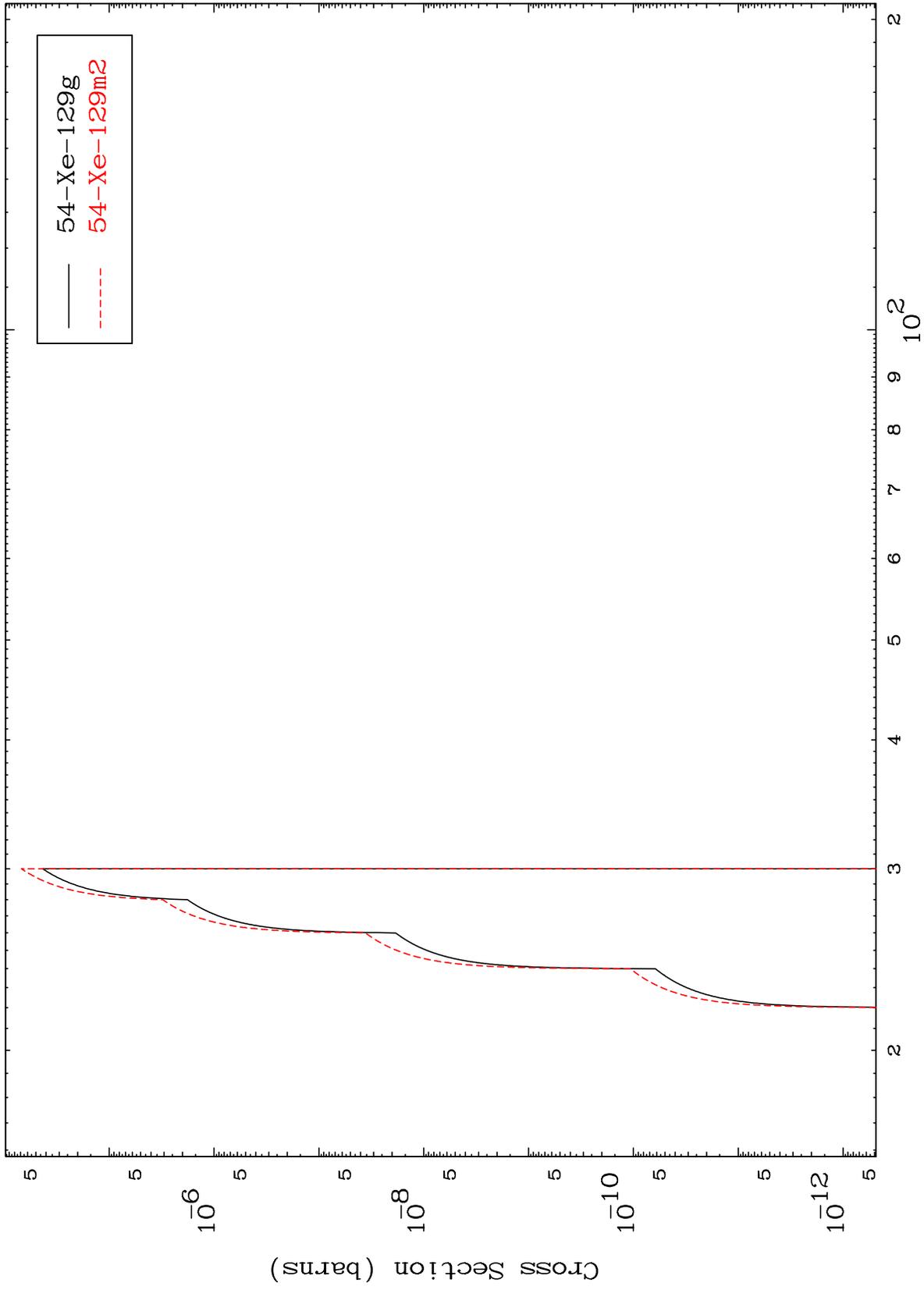


MAT 5446

(n,2n)  $\alpha$

54-Xe-131

Radionuclide Production Cross Section



12

Incident Energy (MeV)

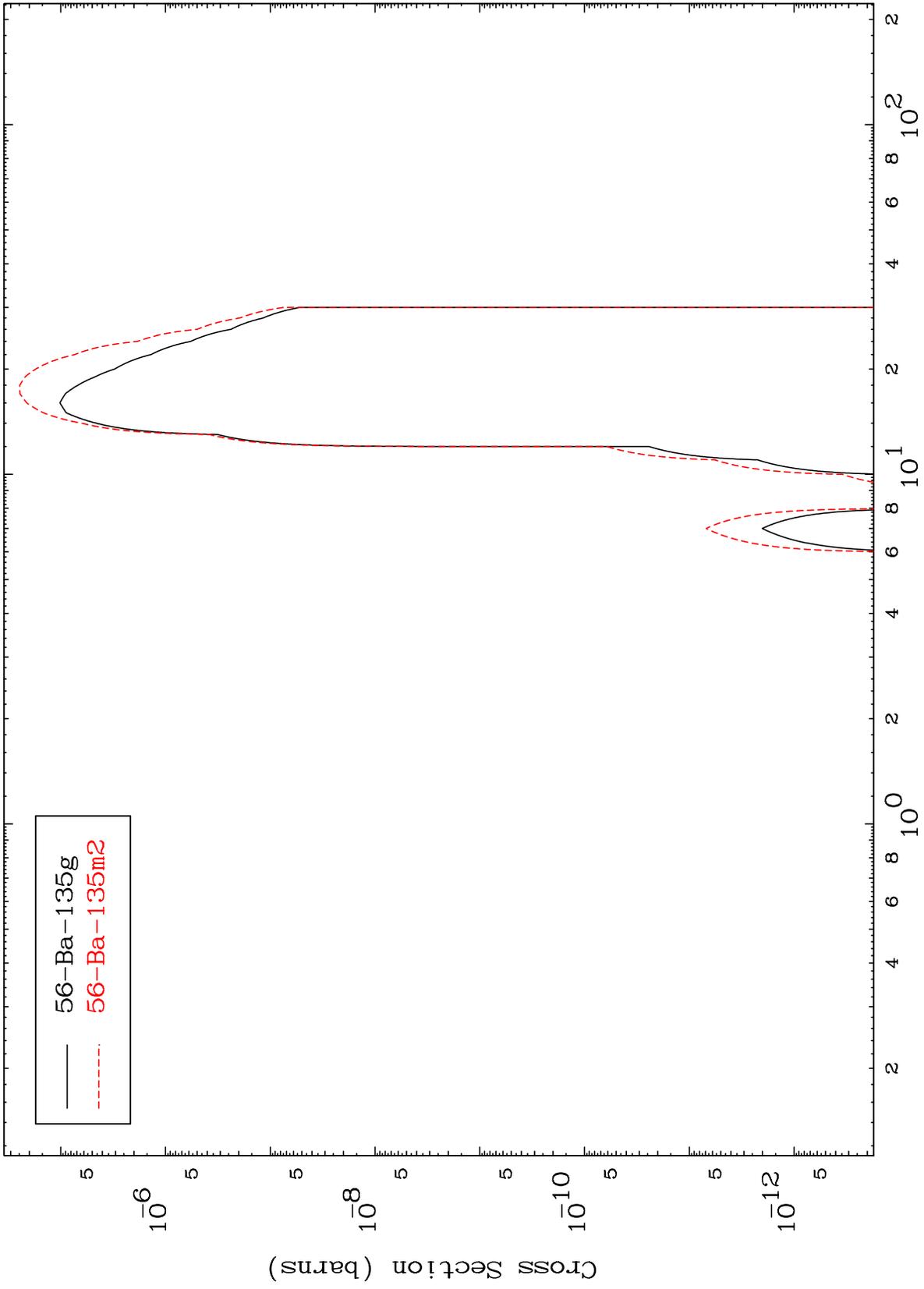
54-Xe-131

MAT 5446

(n,γ)

54-Xe-131

Radionuclide Production Cross Section



13

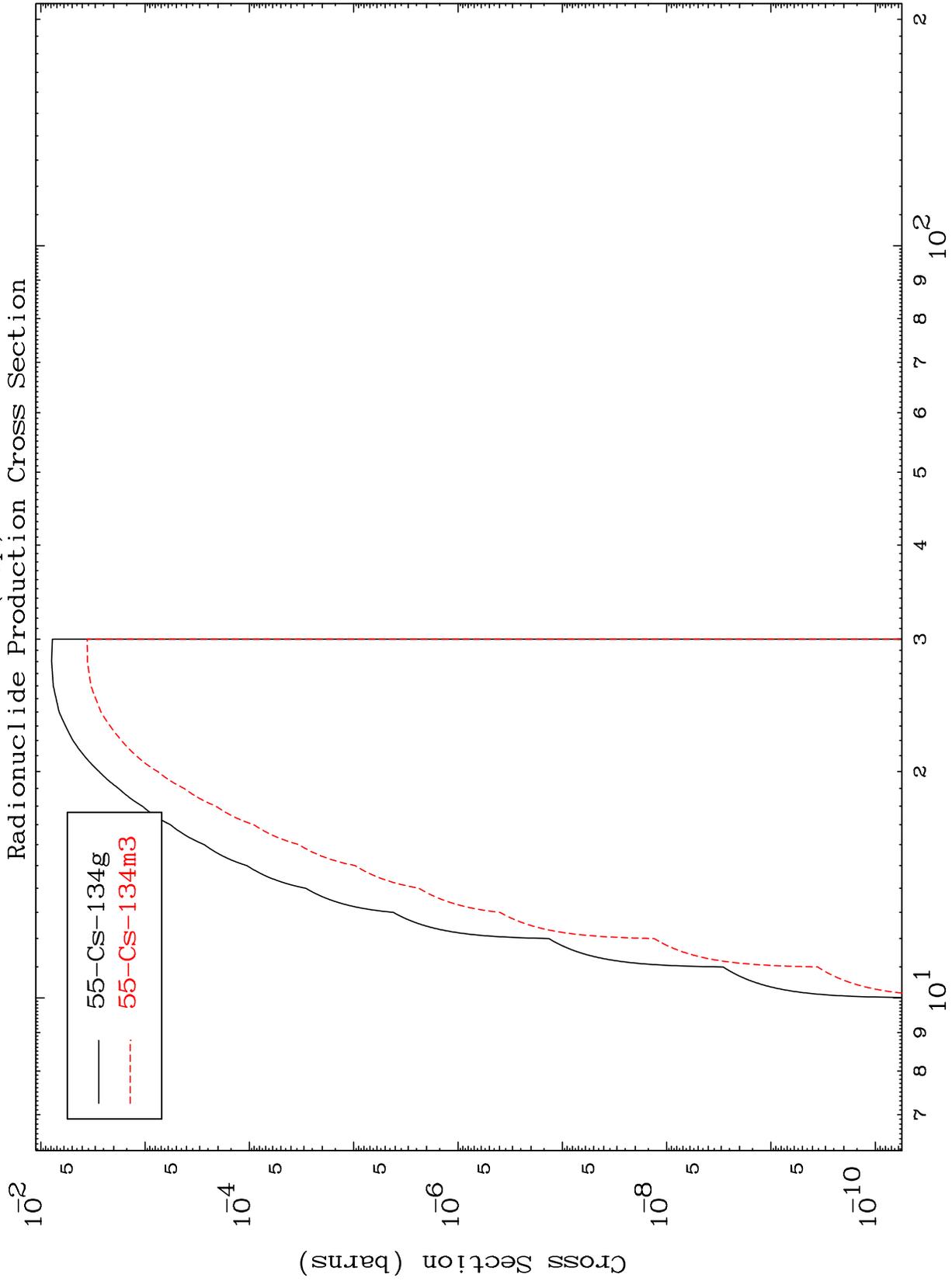
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

Radionuclide Production Cross Section (n,p)



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Incident Energy (MeV)

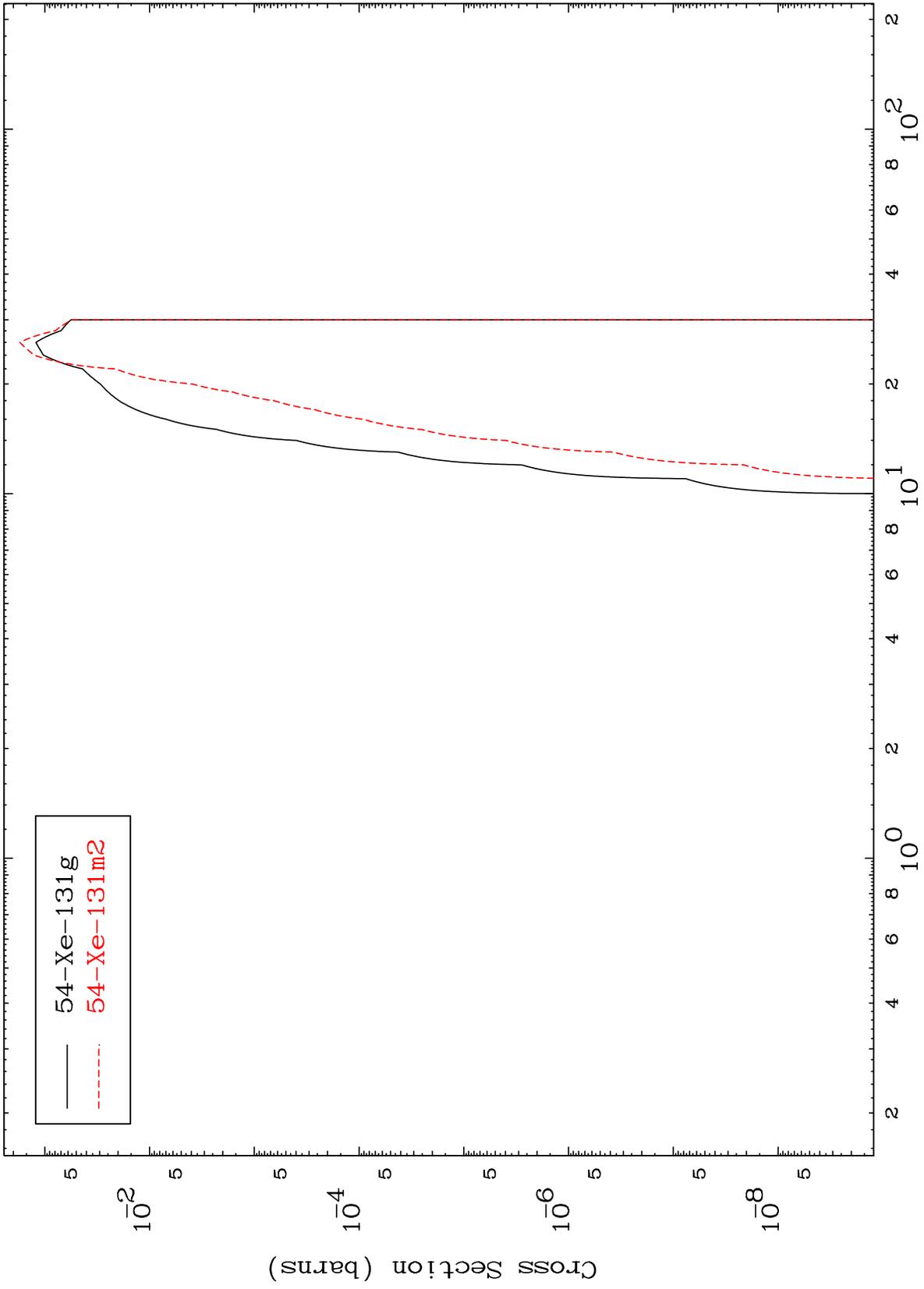
54-Xe-131

MAT 5446

(n,  $\alpha$ )

54-Xe-131

Radionuclide Production Cross Section



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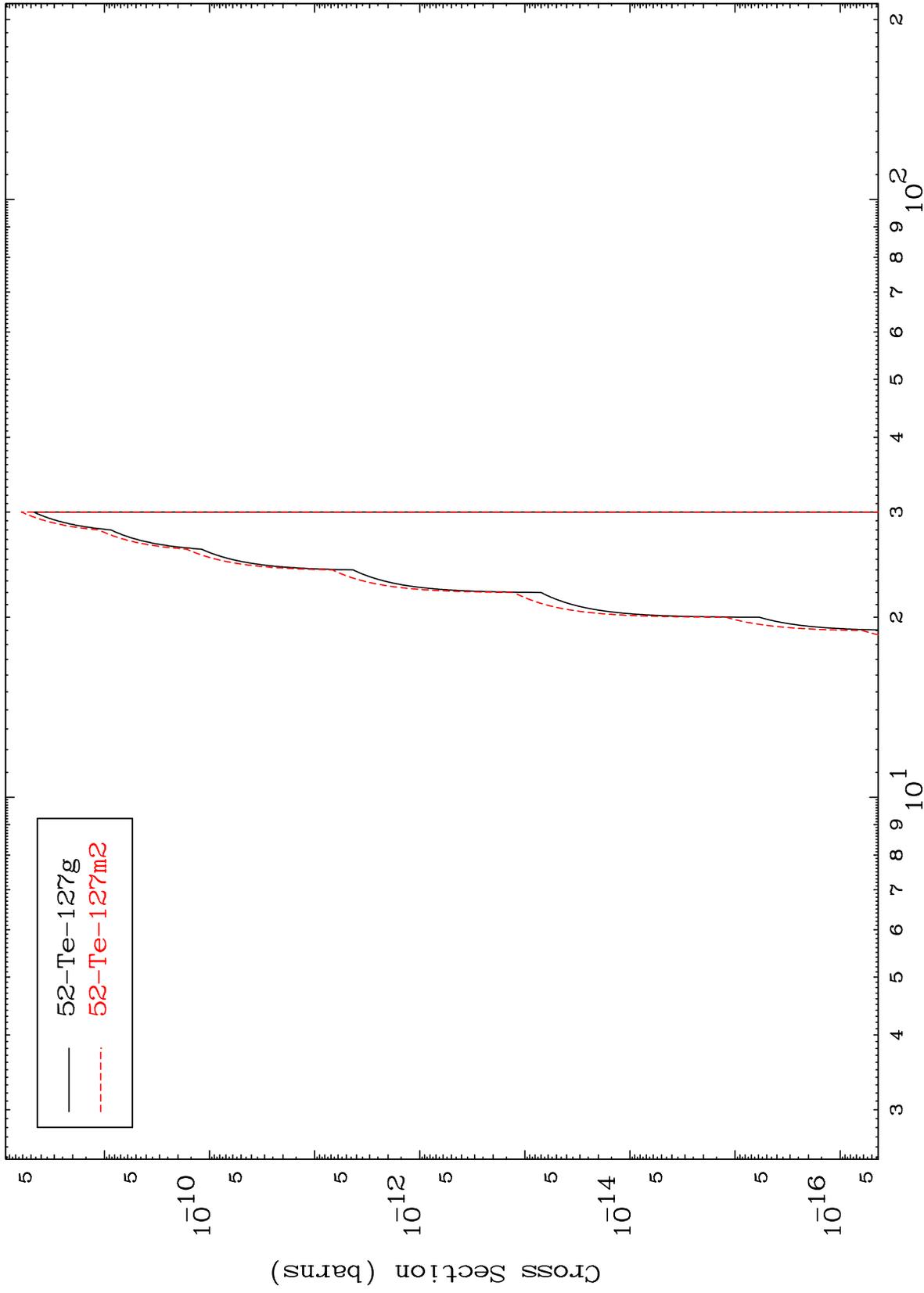
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

(n,2α)  
Radionuclide Production Cross Section



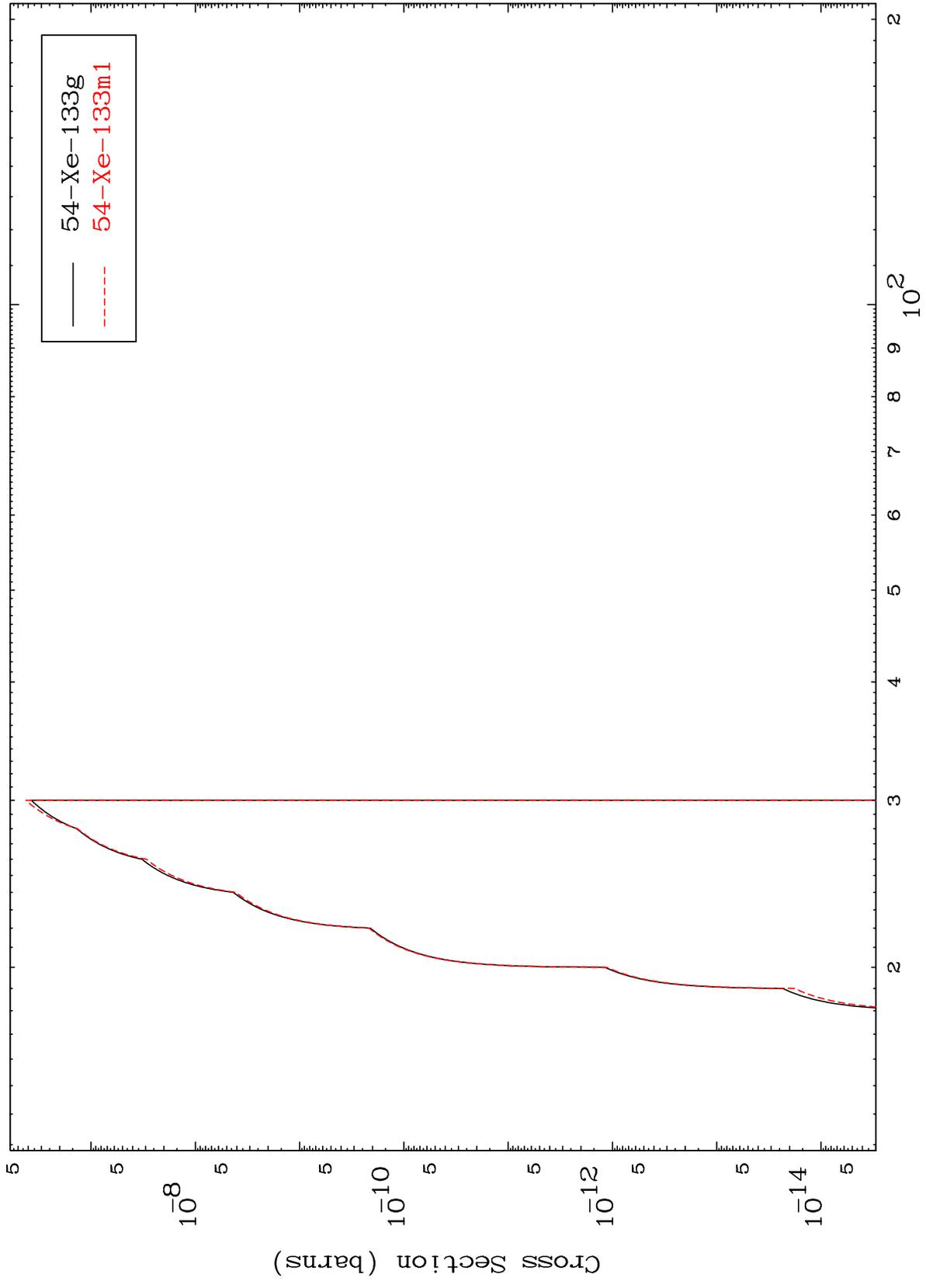
16

54-Xe-131

MAT 5446

54-Xe-131

(n,2p)  
Radionuclide Production Cross Section



17

54-Xe-131

Incident Energy (MeV)

MAT 5446

(n,p)  $\alpha$

54-Xe-131

Radionuclide Production Cross Section

