

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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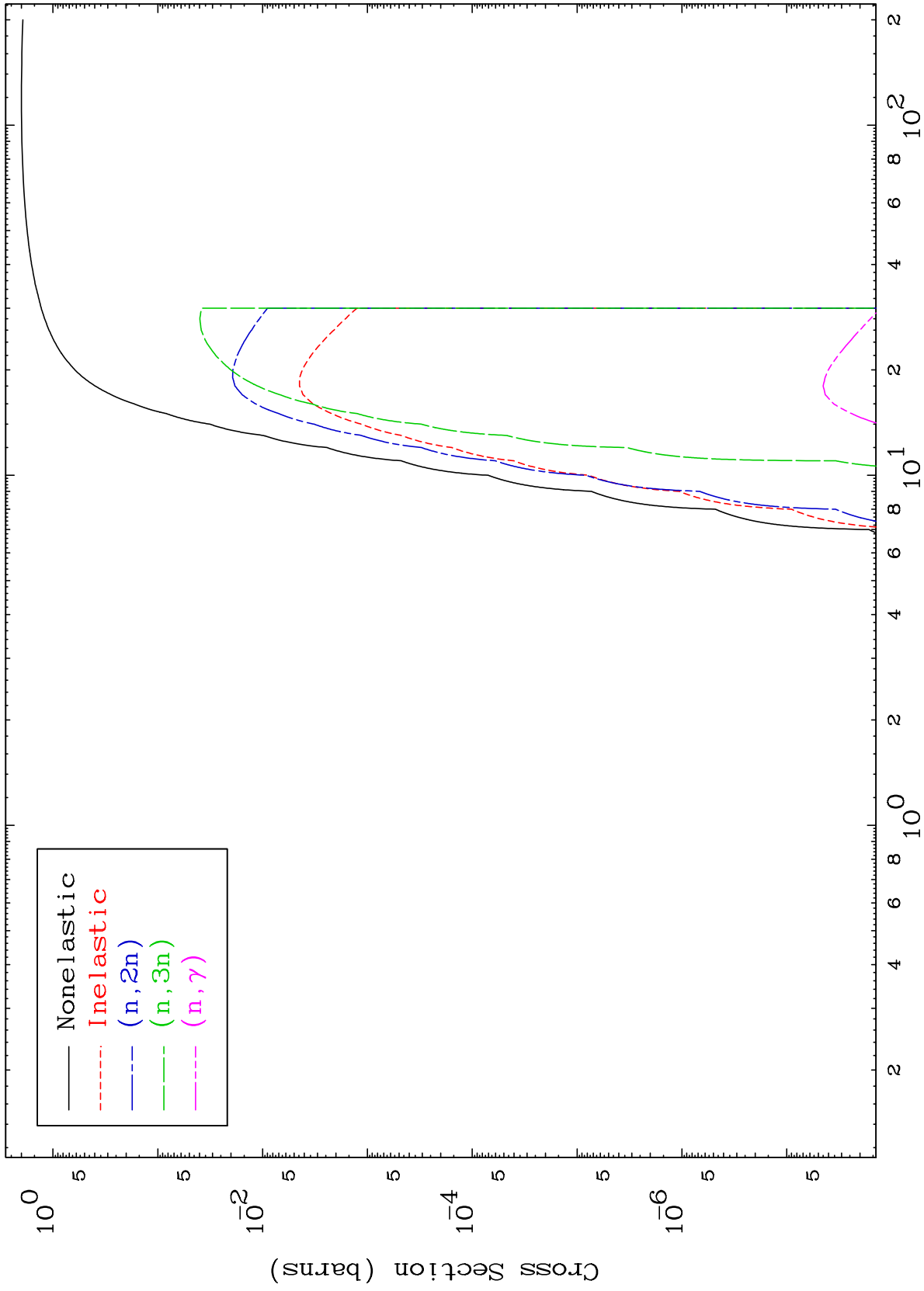
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5449

He-3 Major  
0 Kelvin Cross Sections

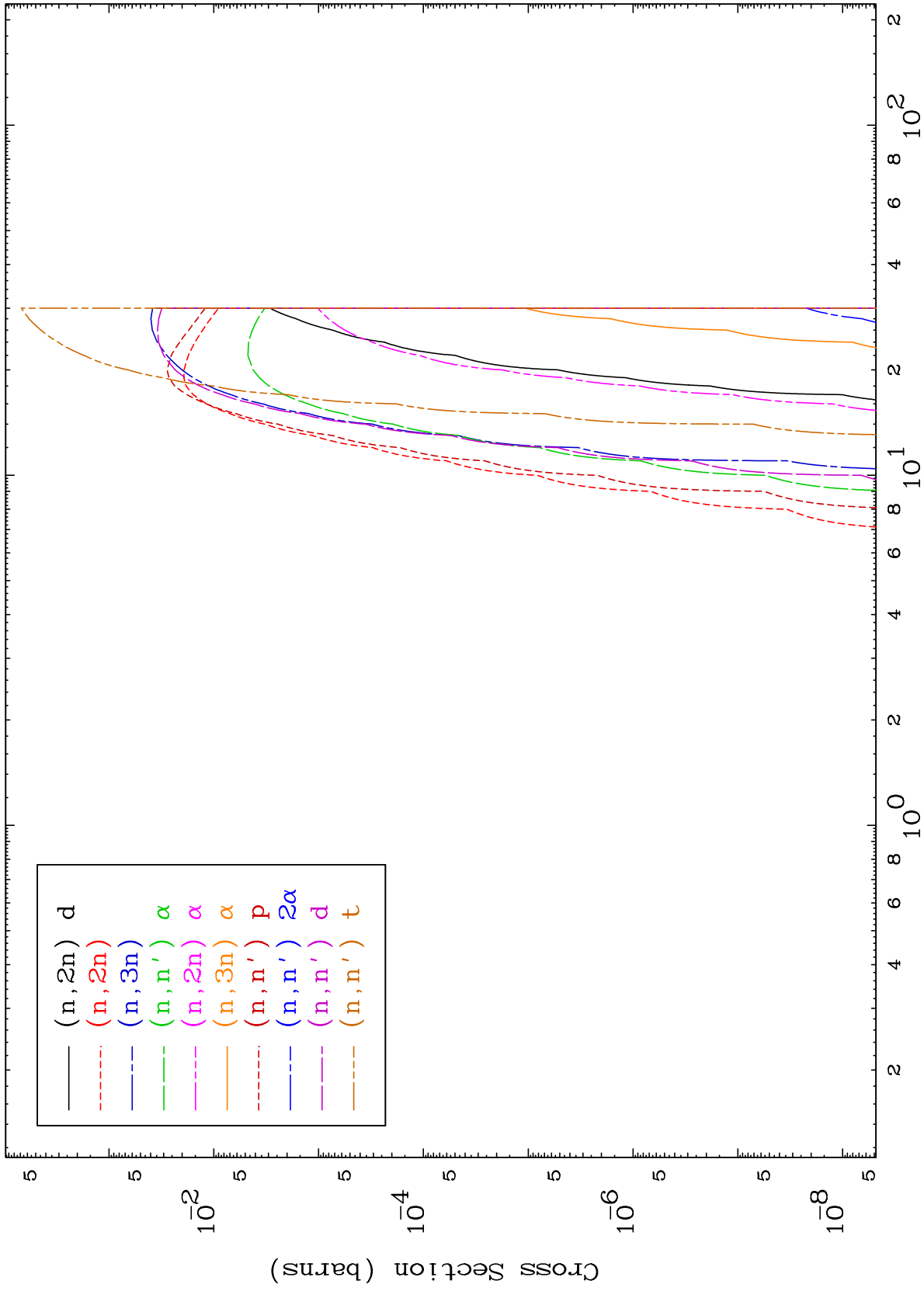
54-Xe-132



MAT 5449

He-3 Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-132



2

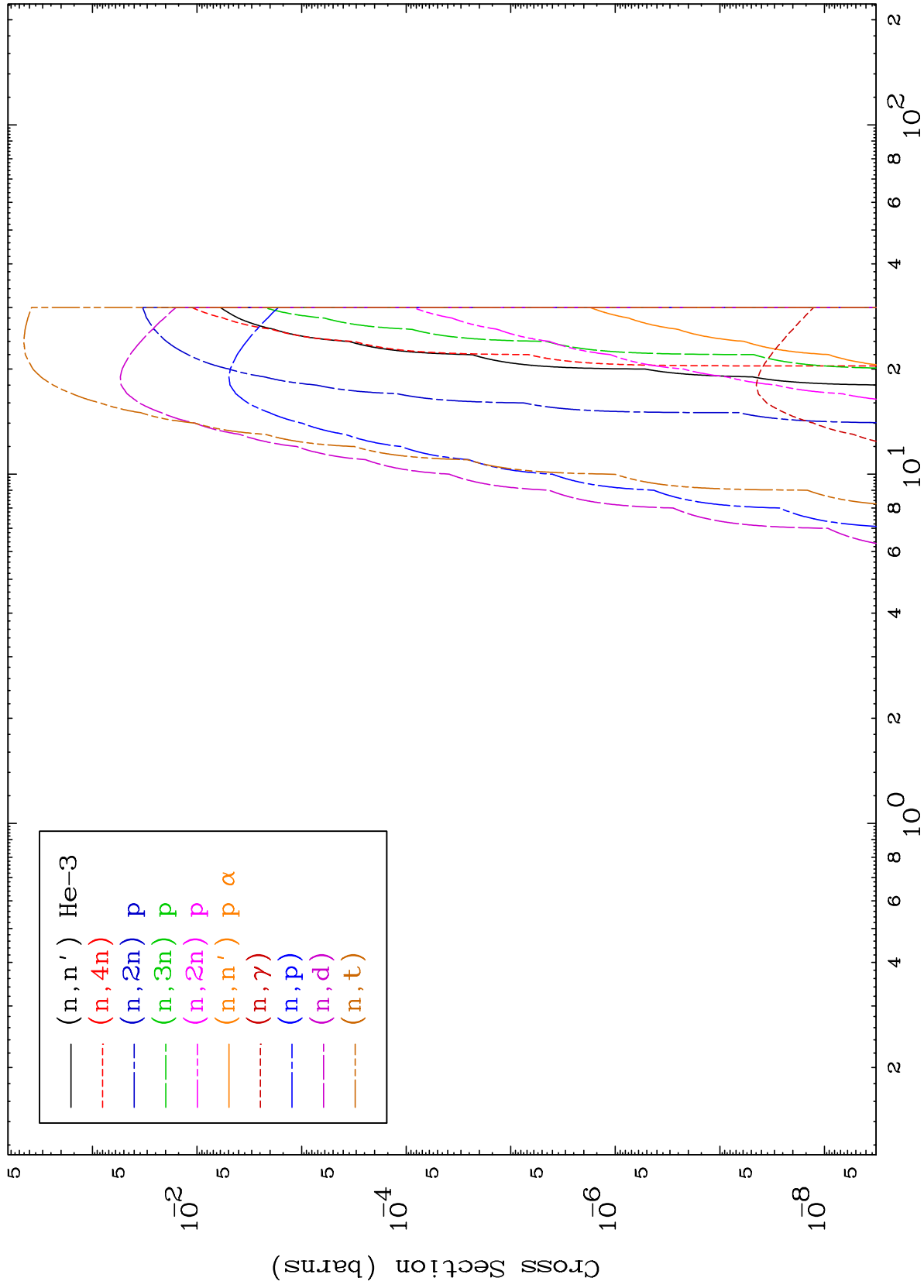
Incident Energy (MeV)

54-Xe-132

MAT 5449

He-3 Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-132



3

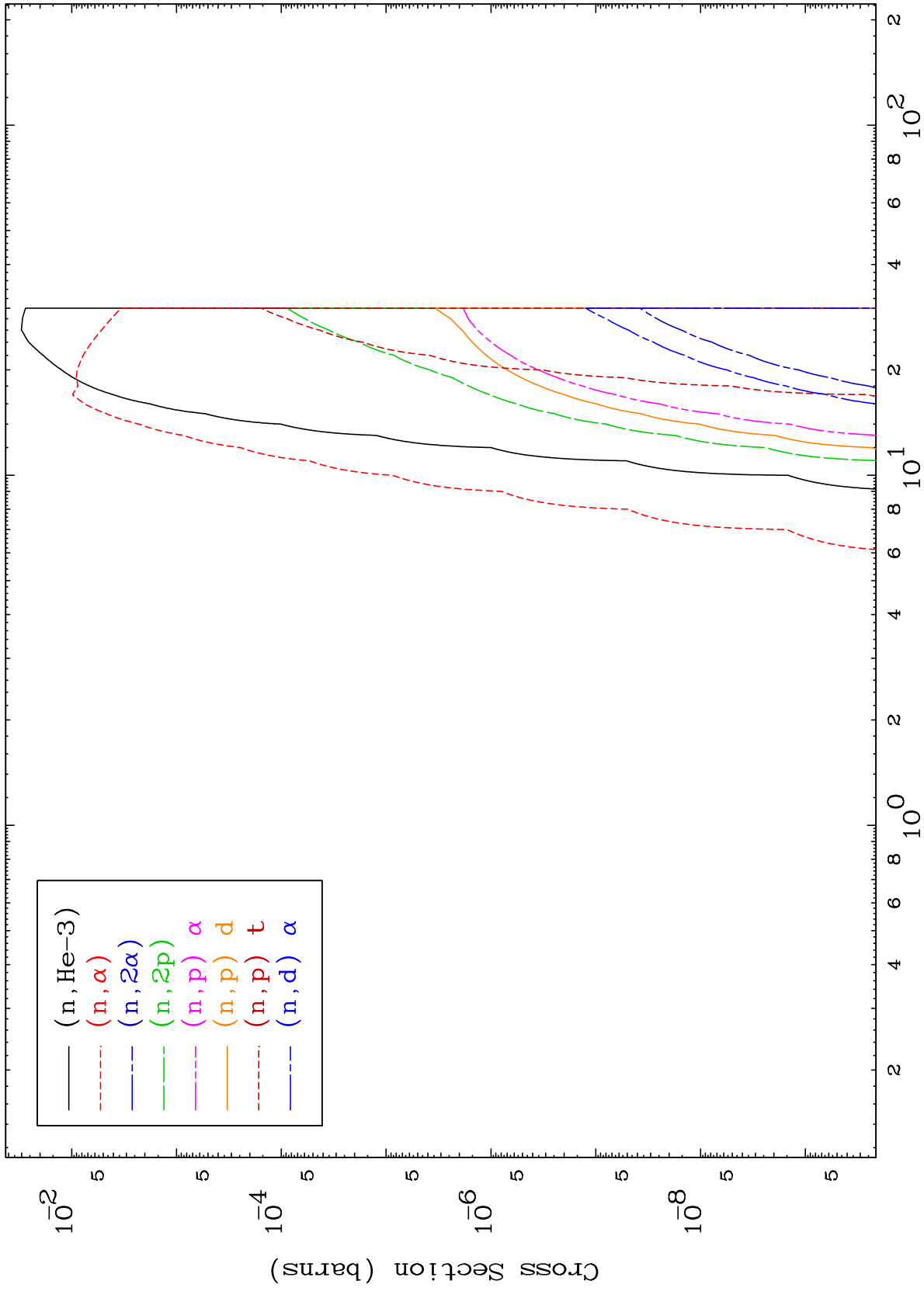
Incident Energy (MeV)

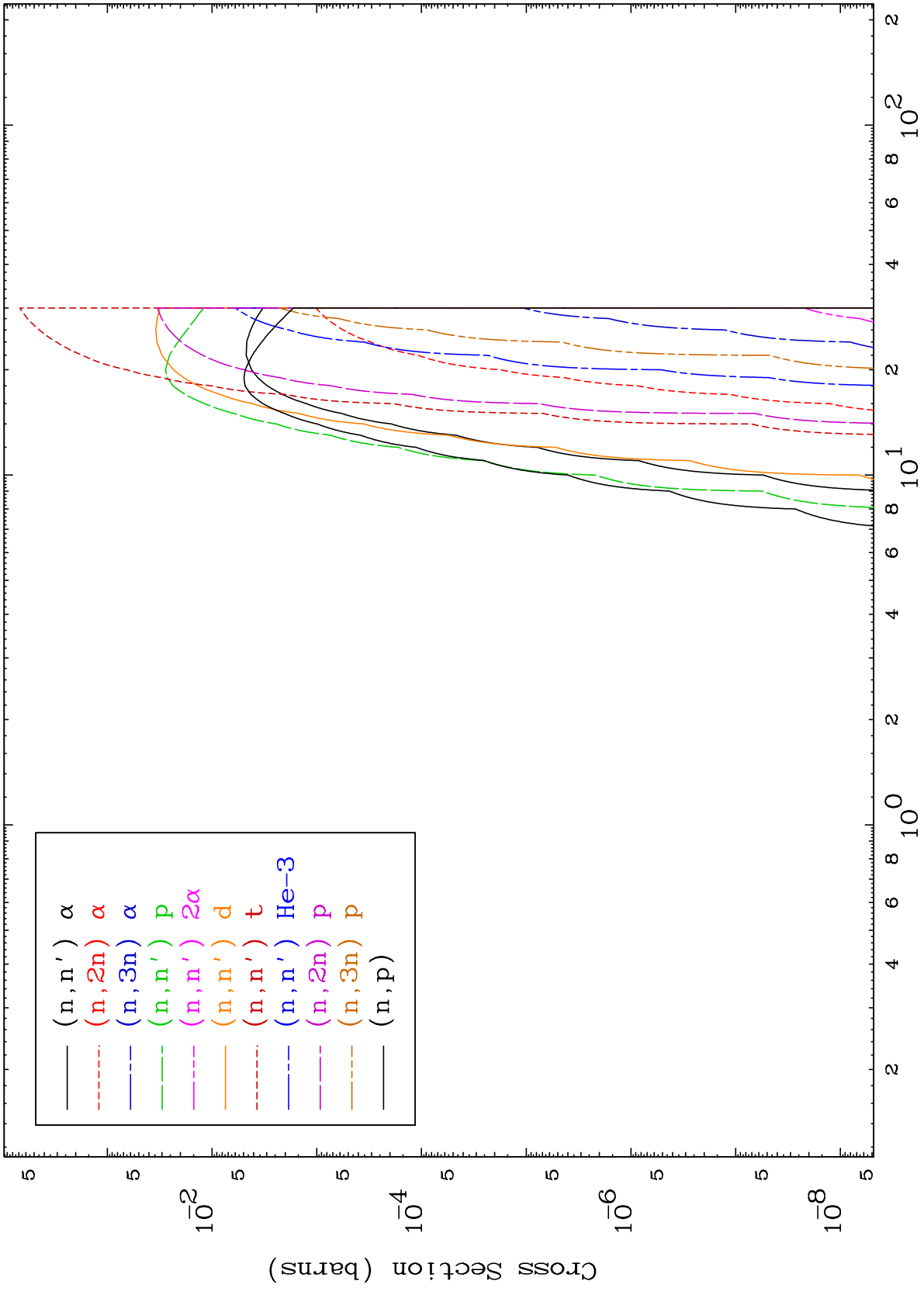
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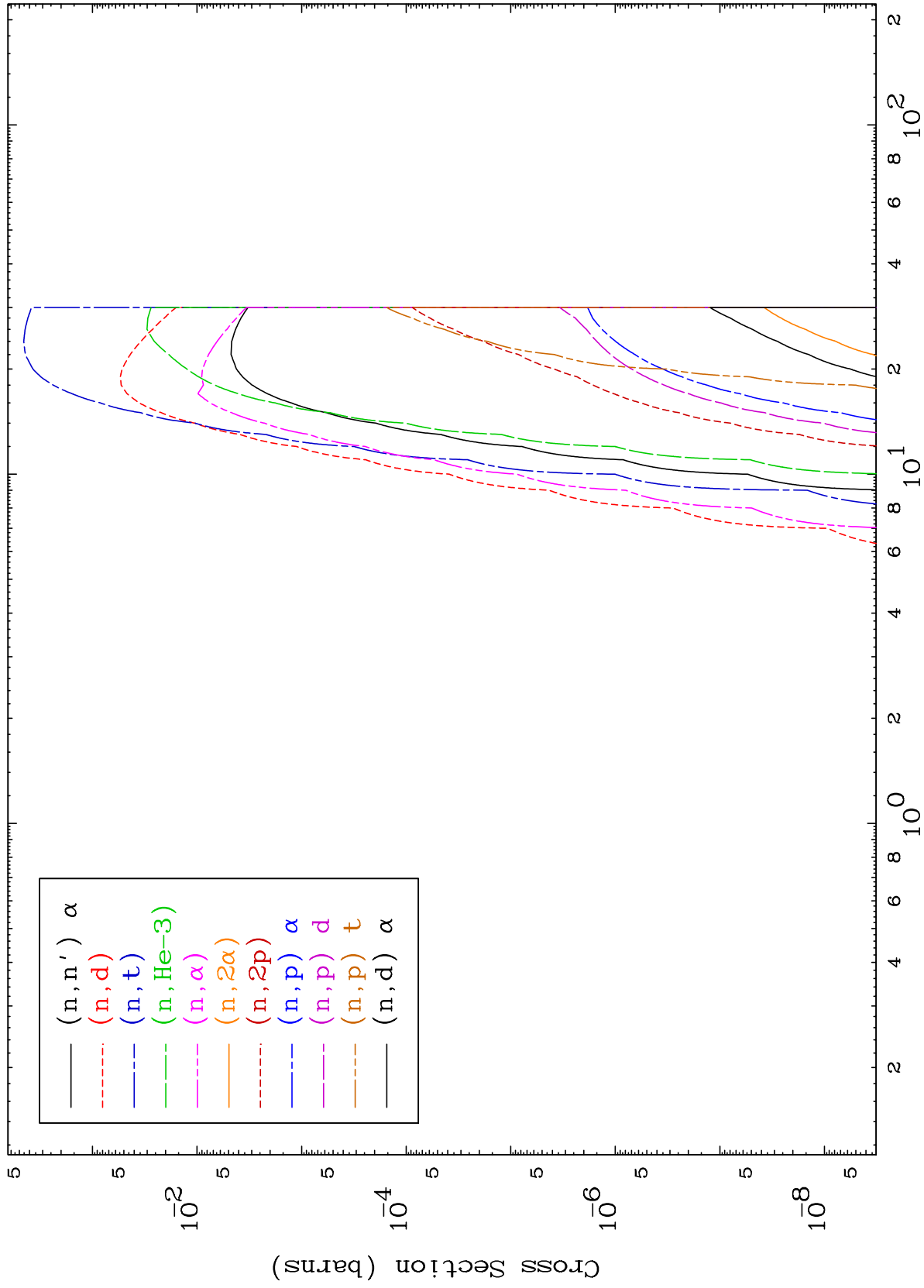
MAT 5449

He-3 Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-132



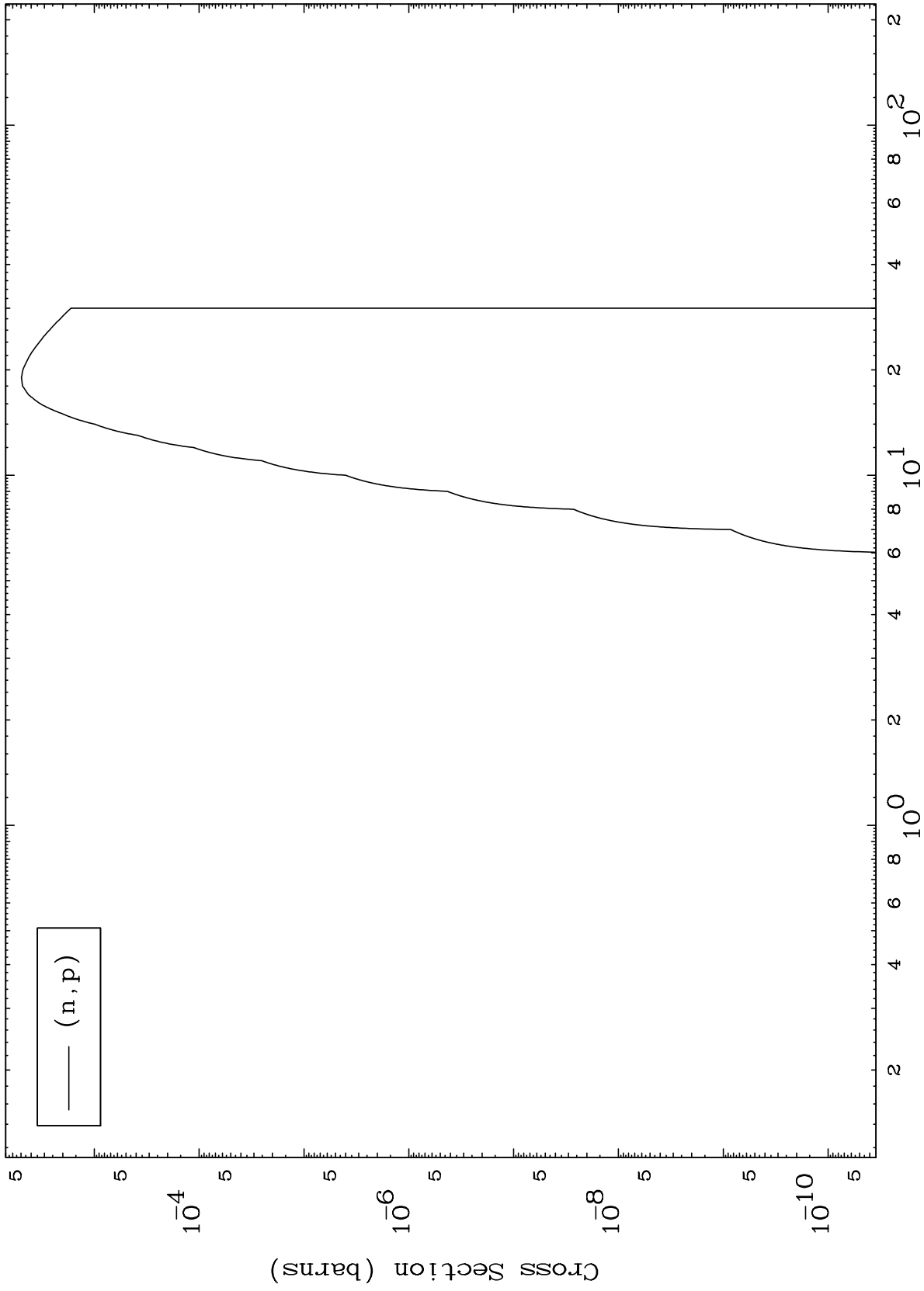




MAT 5449

(He-3,p) Levels  
0 Kelvin Cross Sections

54-Xe-132



7

Incident Energy (MeV)

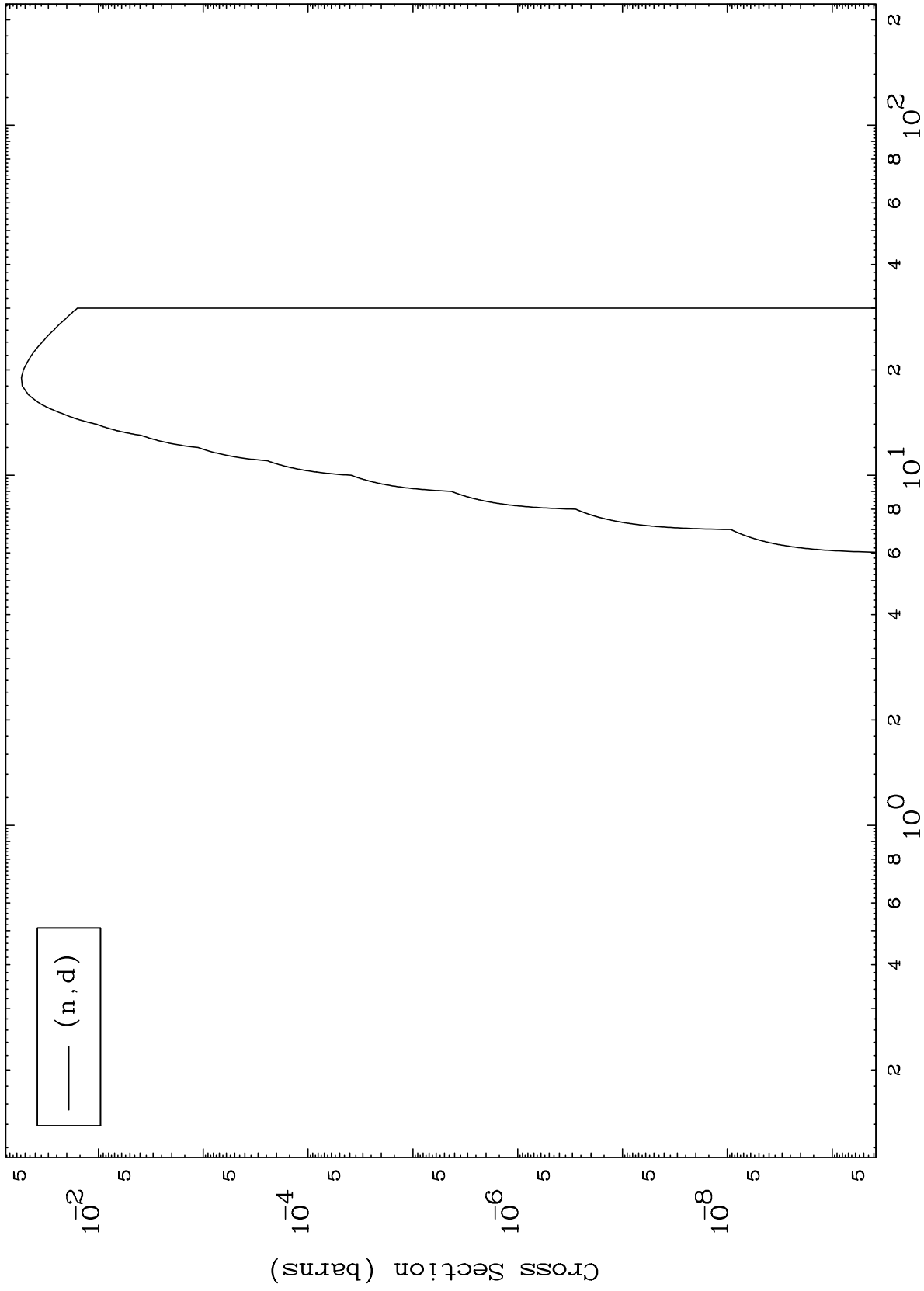
54-Xe-132



MAT 5449

(He-3,d) Levels  
0 Kelvin Cross Sections

54-Xe-132



8

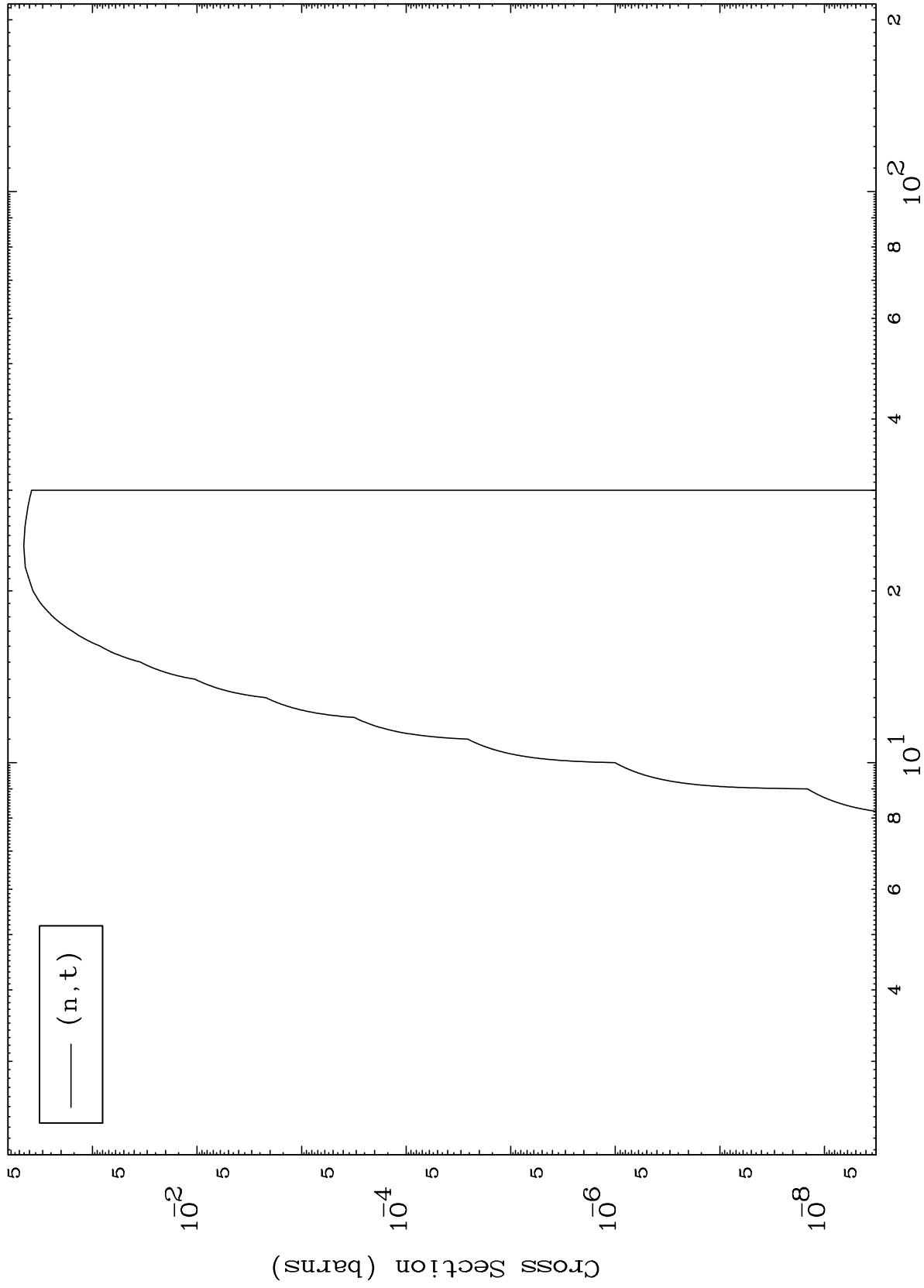
Incident Energy (MeV)

54-Xe-132

MAT 5449

(He-3,t) Levels  
0 Kelvin Cross Sections

54-Xe-132



9

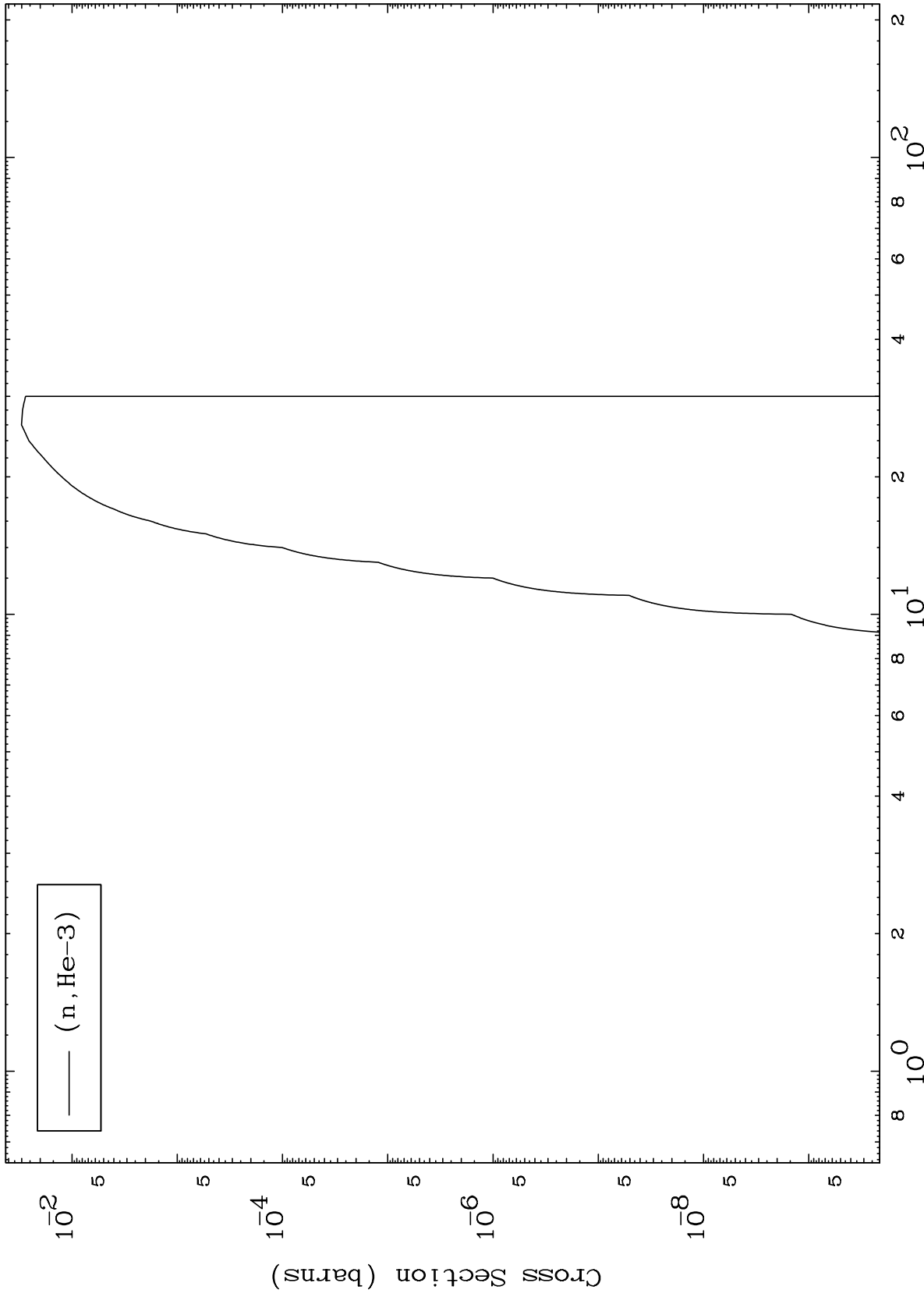
Incident Energy (MeV)

54-Xe-132

MAT 5449

(He-3, He3) Levels  
0 Kelvin Cross Sections

54-Xe-132



10

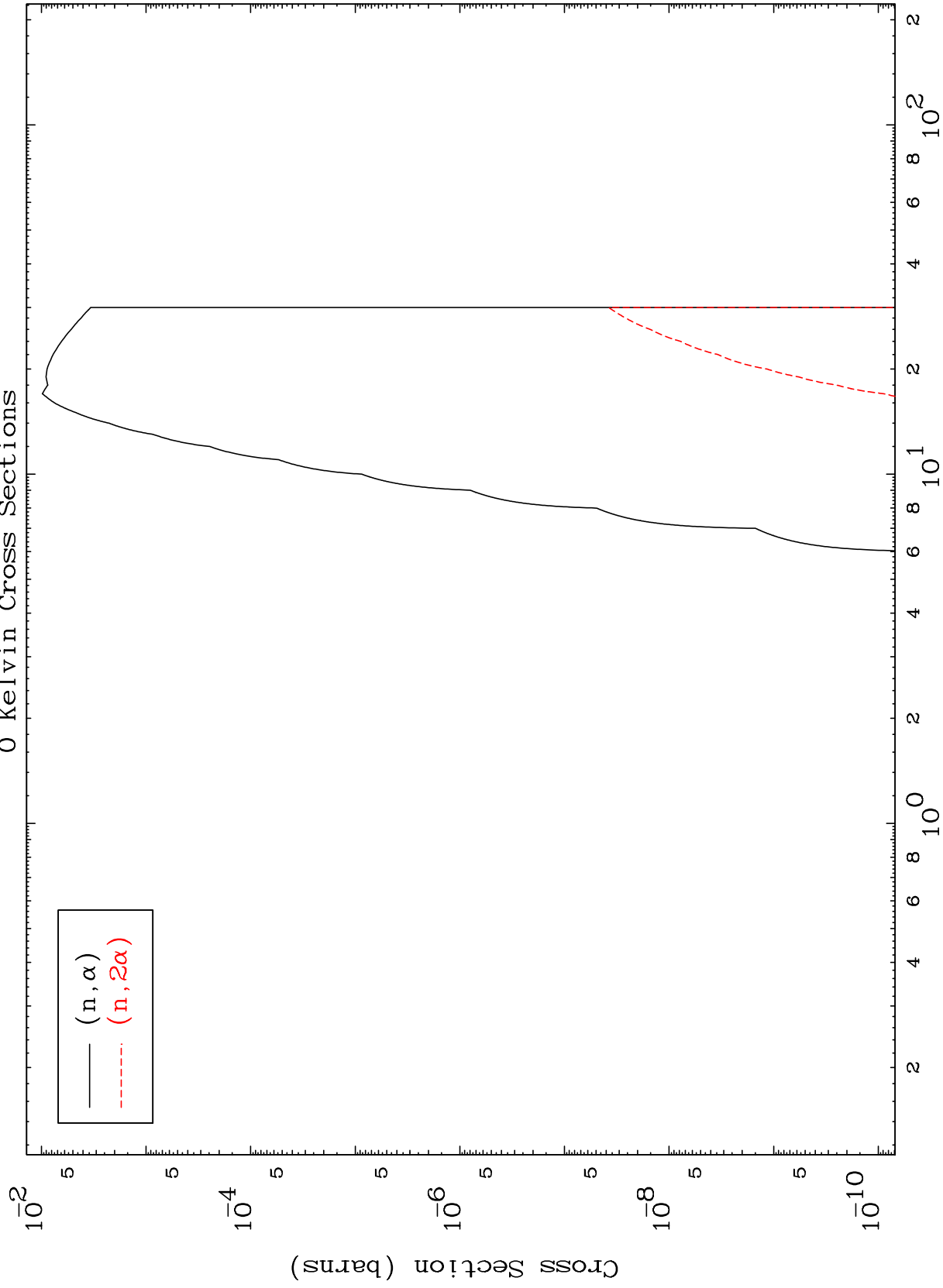
Incident Energy (MeV)

54-Xe-132

MAT 5449

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

54-Xe-132



11

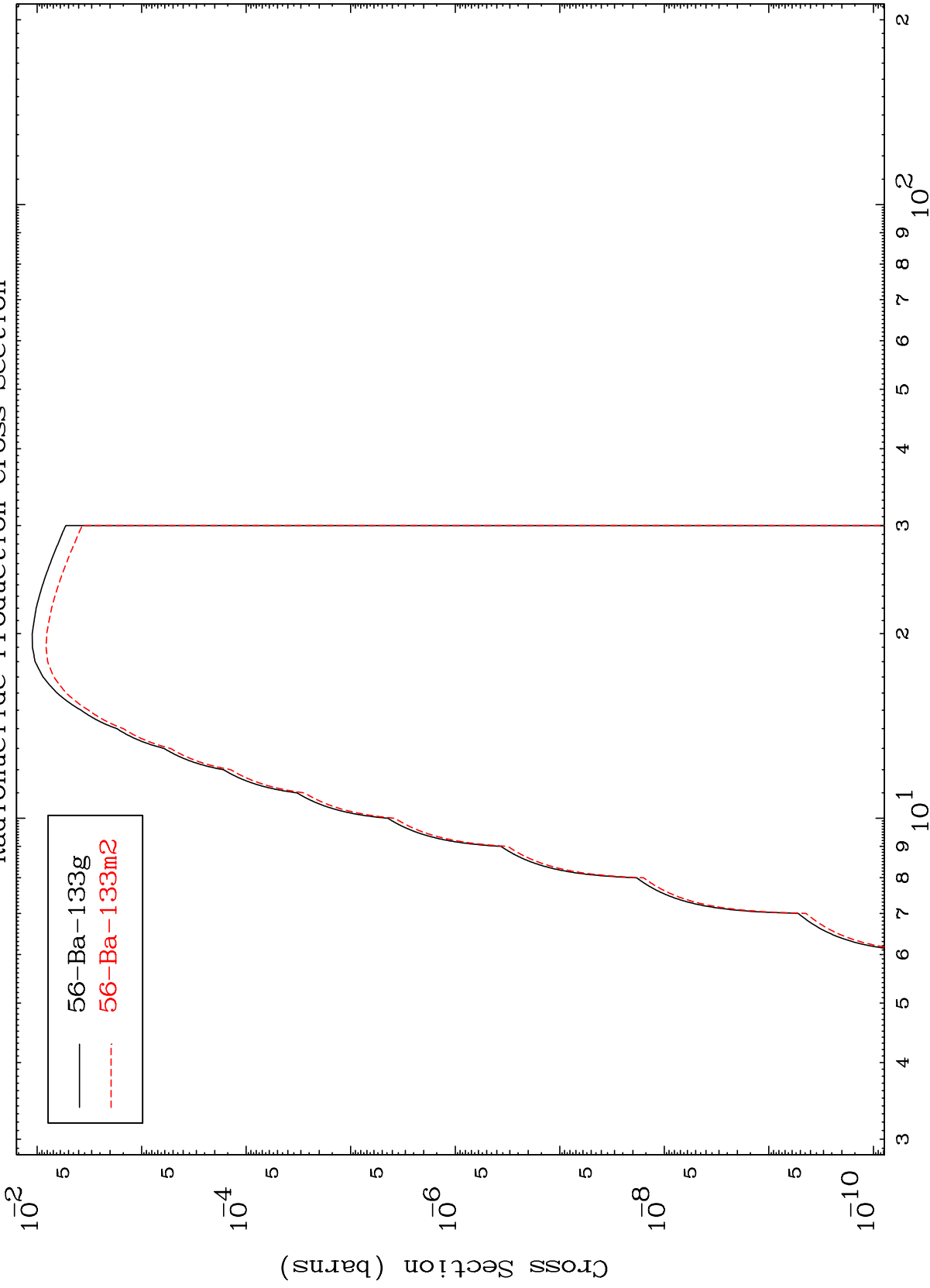
Incident Energy (MeV)

54-Xe-132

MAT 5449

54-Xe-132

Radionuclide Production Cross Section



12

Incident Energy (MeV)

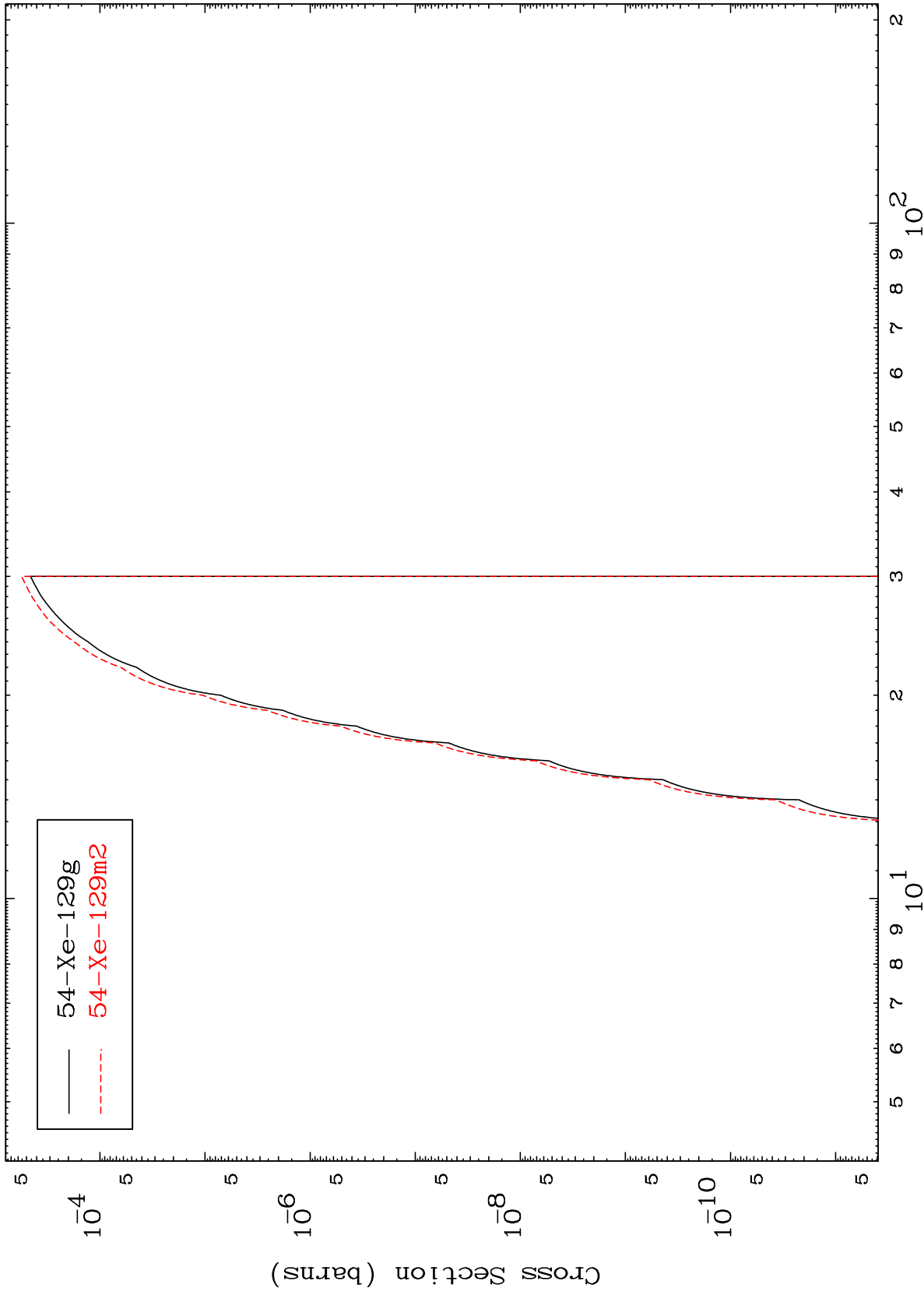
54-Xe-132

MAT 5449

$(n, 2n) \alpha$

54-Xe-132

Radionuclide Production Cross Section



54-Xe-129g  
54-Xe-129m2

13

Incident Energy (MeV)

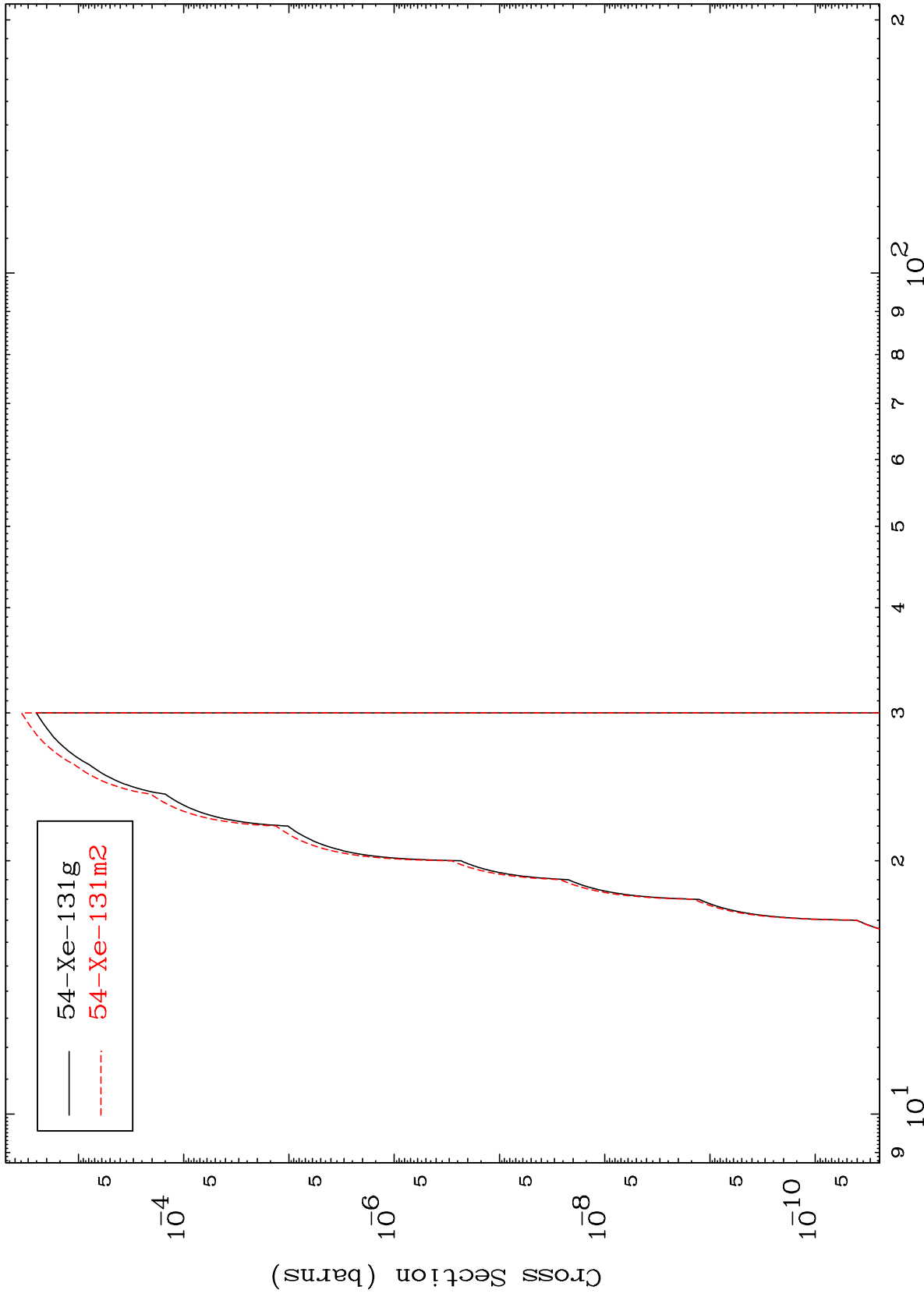
54-Xe-132

MAT 5449

(n, n') He-3

54-Xe-132

Radionuclide Production Cross Section



14

Incident Energy (MeV)

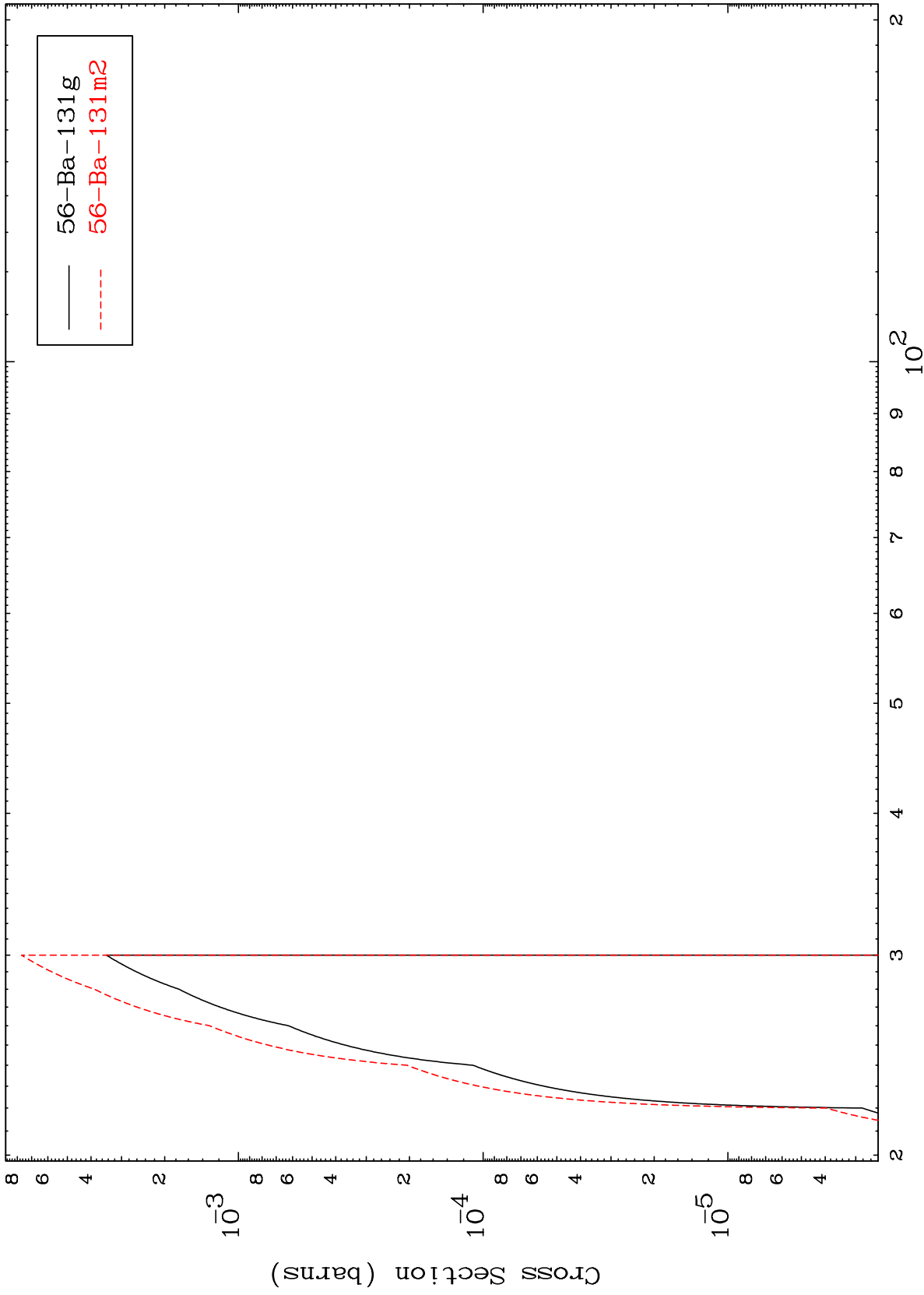
54-Xe-132

MAT 5449

(n,4n)

54-Xe-132

Radionuclide Production Cross Section



15

Incident Energy (MeV)

54-Xe-132

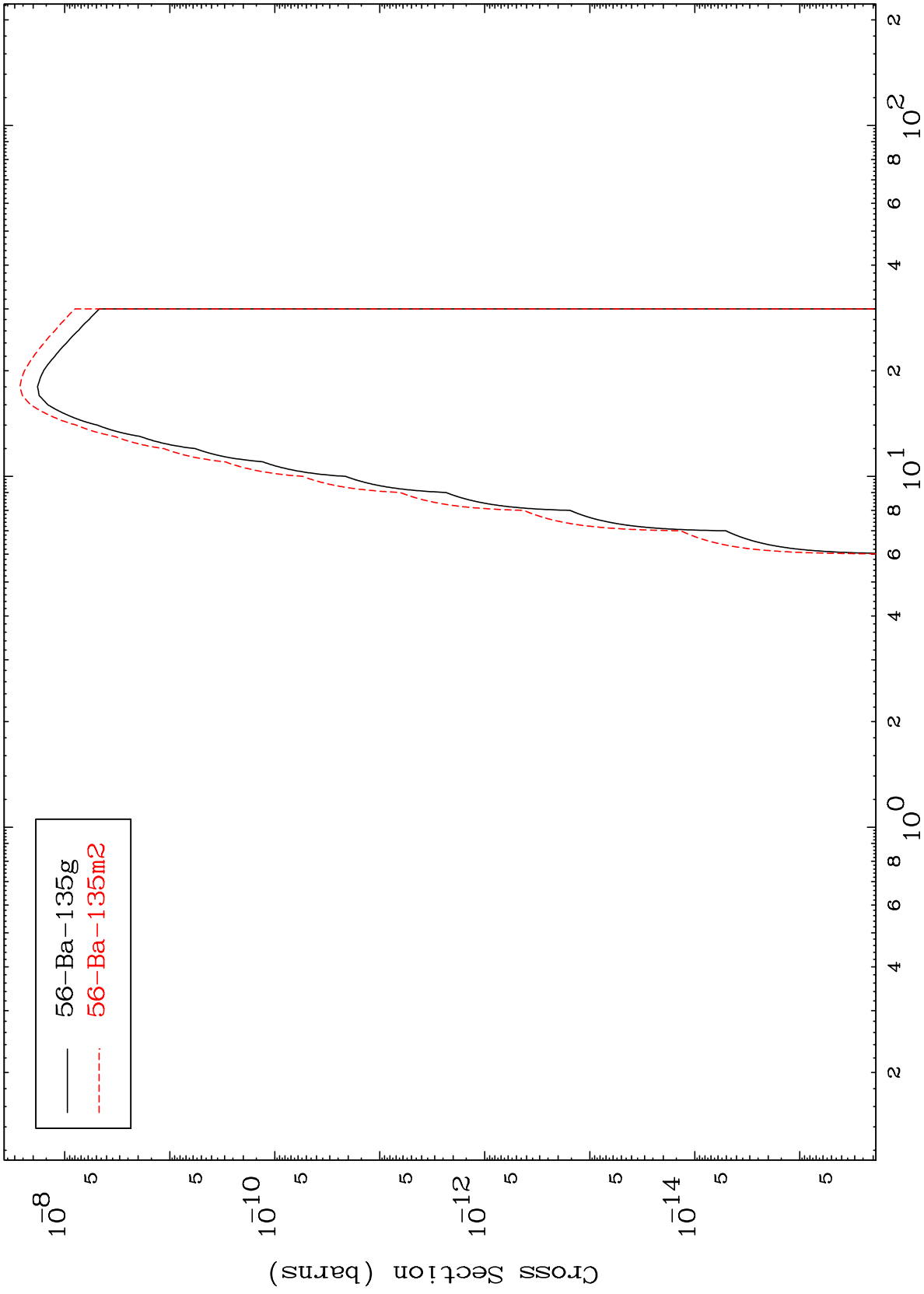


MAT 5449

(n,γ)

54-Xe-132

Radionuclide Production Cross Section



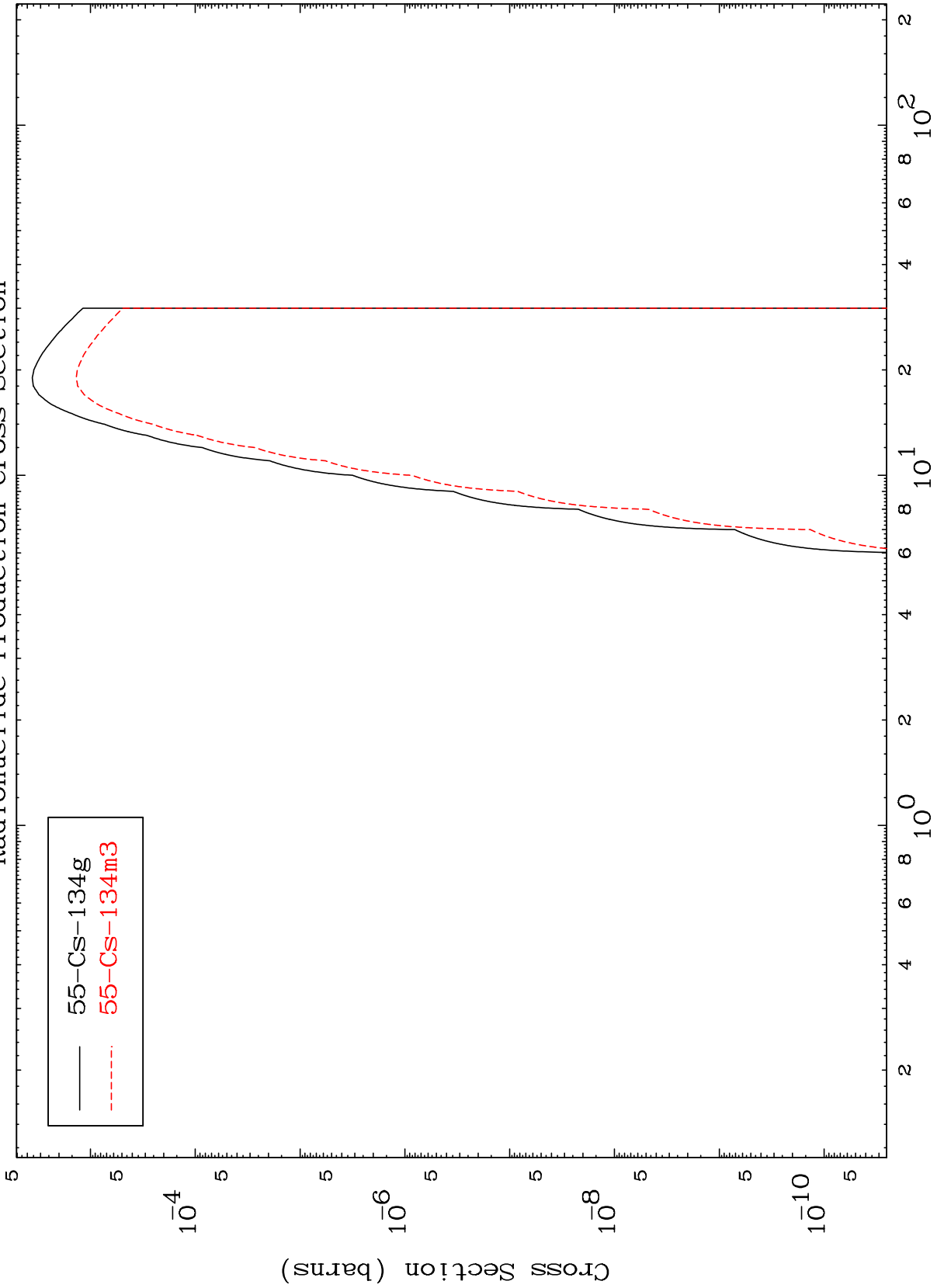
16

54-Xe-132

MAT 5449

54-Xe-132

(n,p)  
Radionuclide Production Cross Section



17

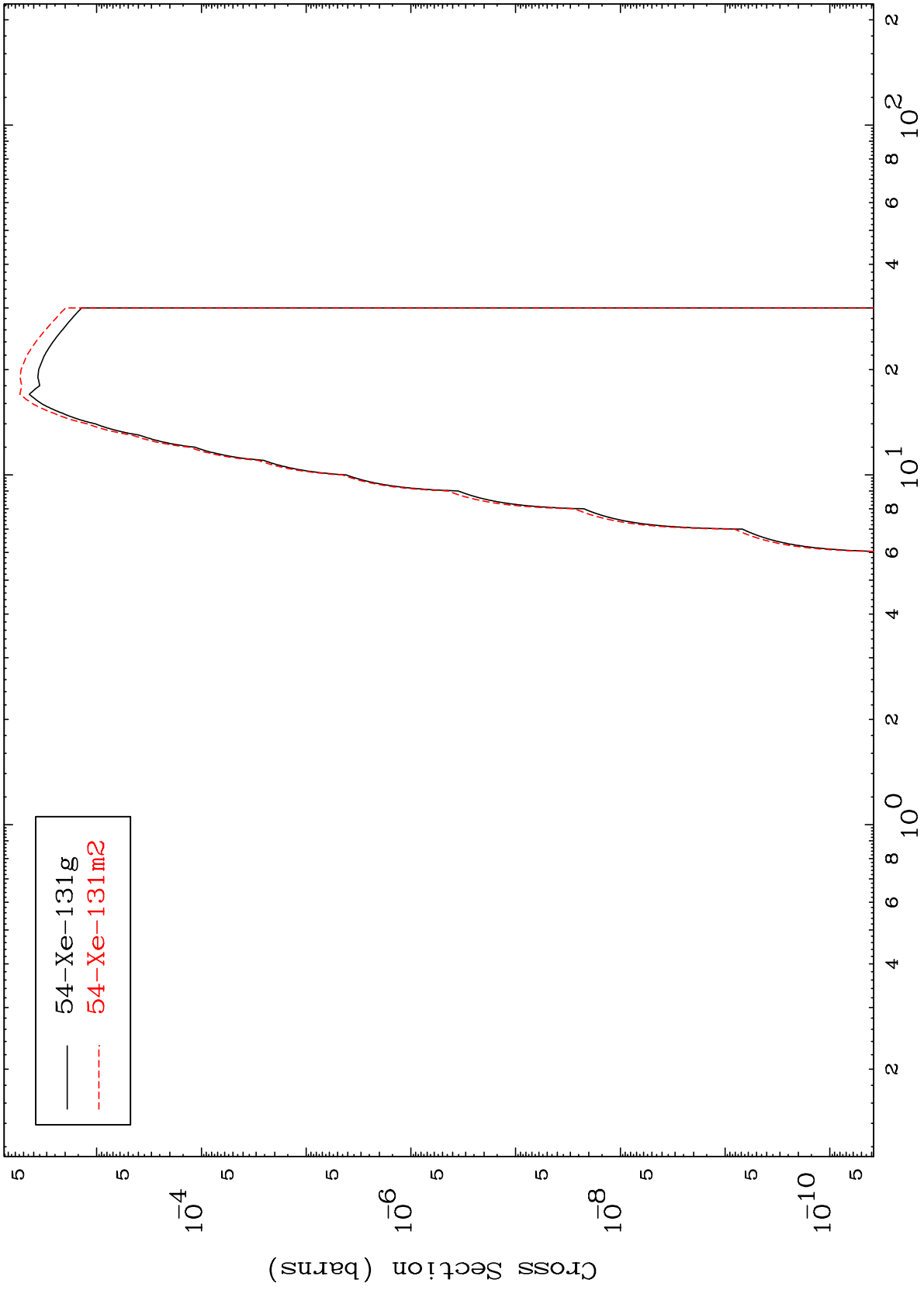
54-Xe-132

MAT 5449

(n,  $\alpha$ )

54-Xe-132

Radionuclide Production Cross Section



18

Incident Energy (MeV)

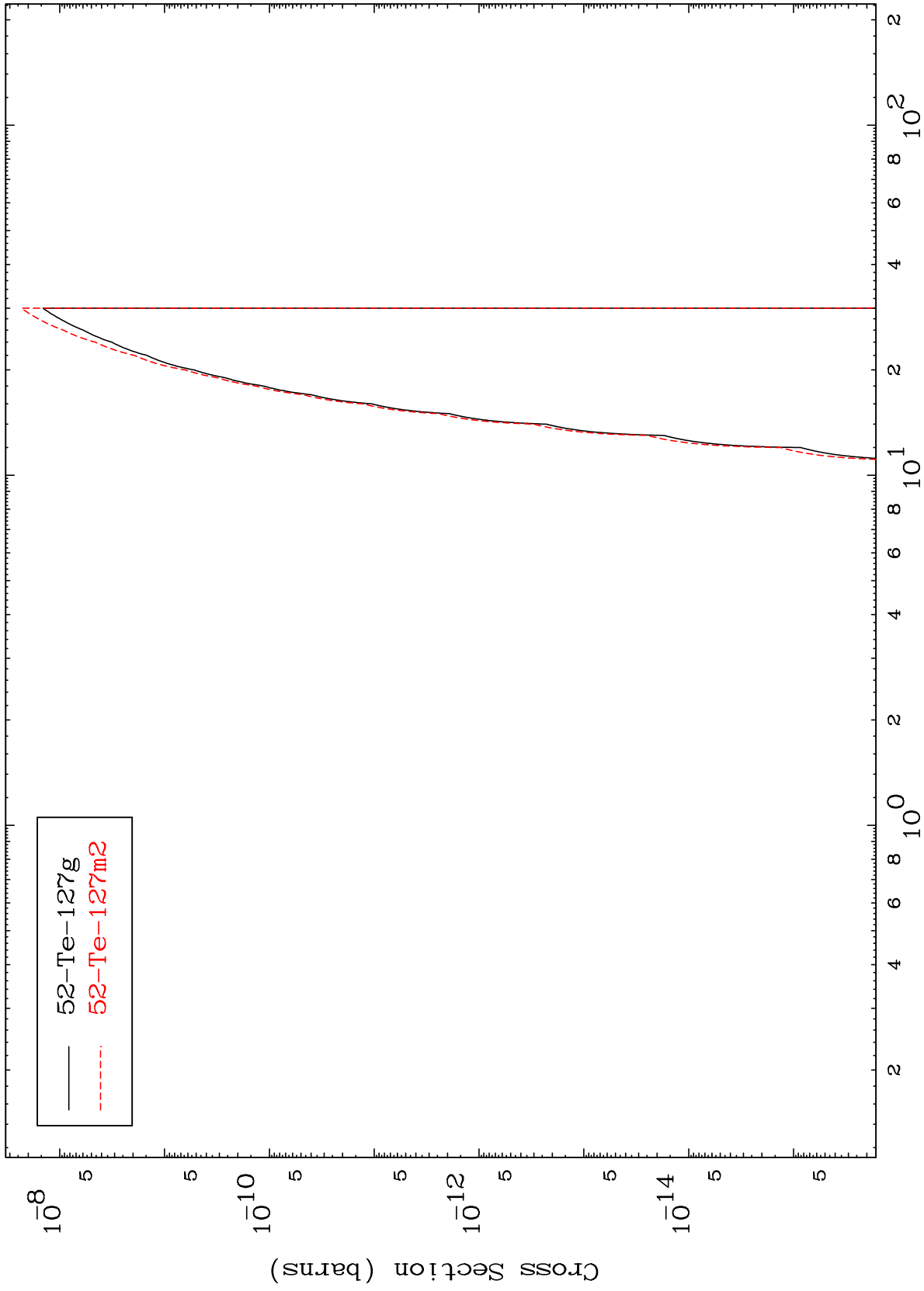
54-Xe-132

MAT 5449

(n,2α)

54-Xe-132

Radionuclide Production Cross Section

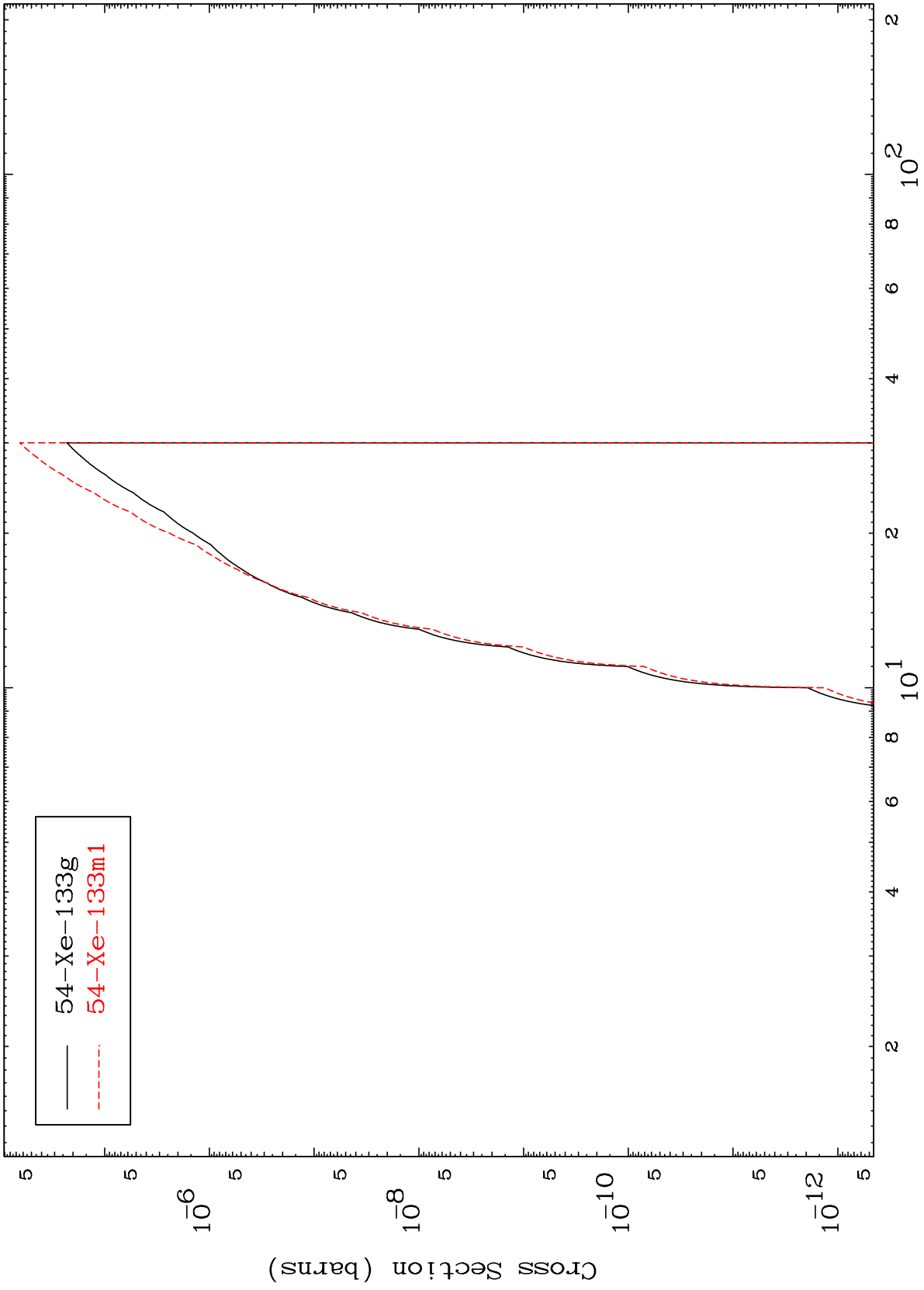


52-Te-127g  
52-Te-127m2

MAT 5449

(n,2p)  
Radionuclide Production Cross Section

54-Xe-132



20

Incident Energy (MeV)

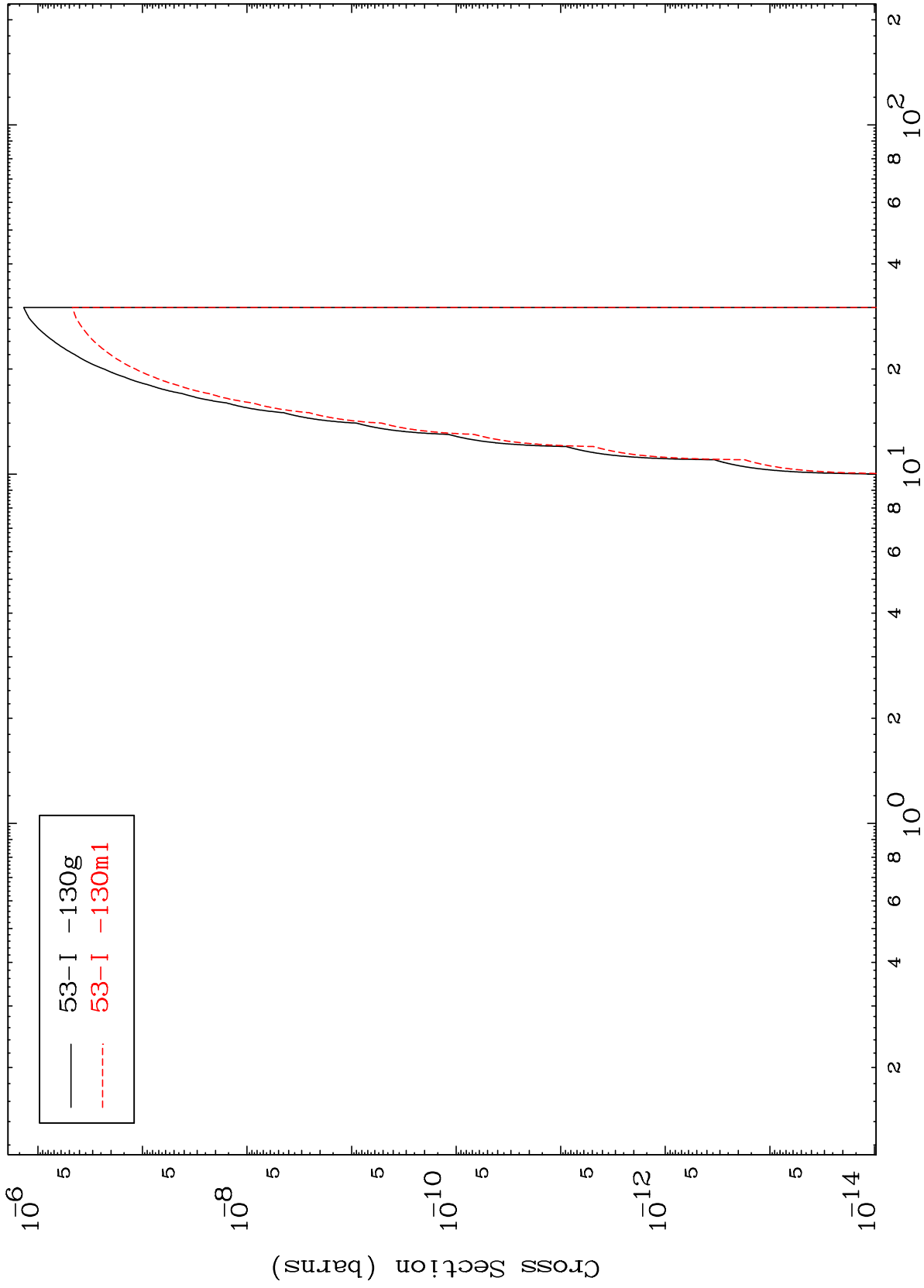
54-Xe-132

MAT 5449

(n,p)  $\alpha$

54-Xe-132

Radionuclide Production Cross Section



21

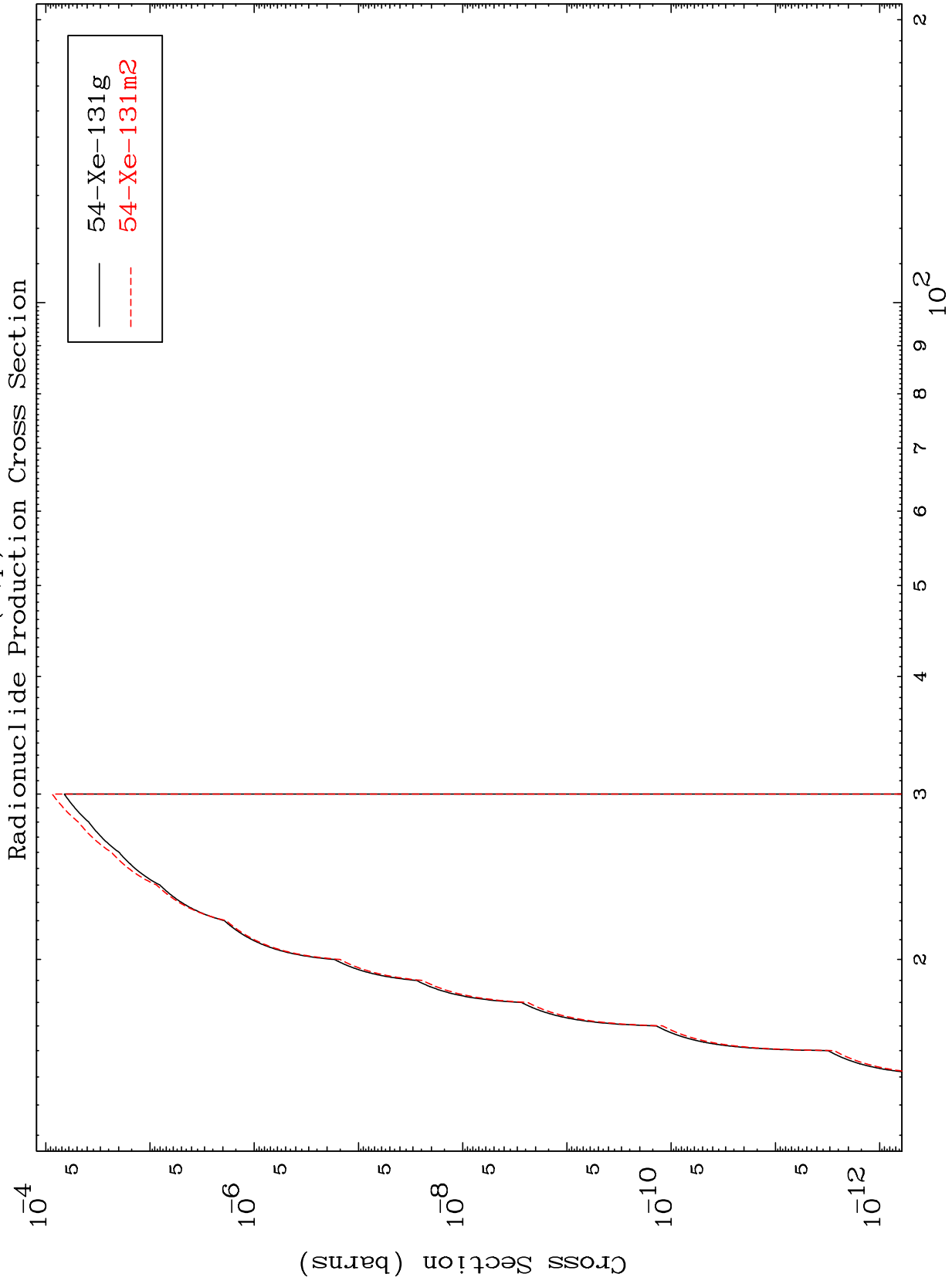
Incident Energy (MeV)

54-Xe-132

MAT 5449

(n,p) t

54-Xe-132



22

54-Xe-132

54-Xe-132