

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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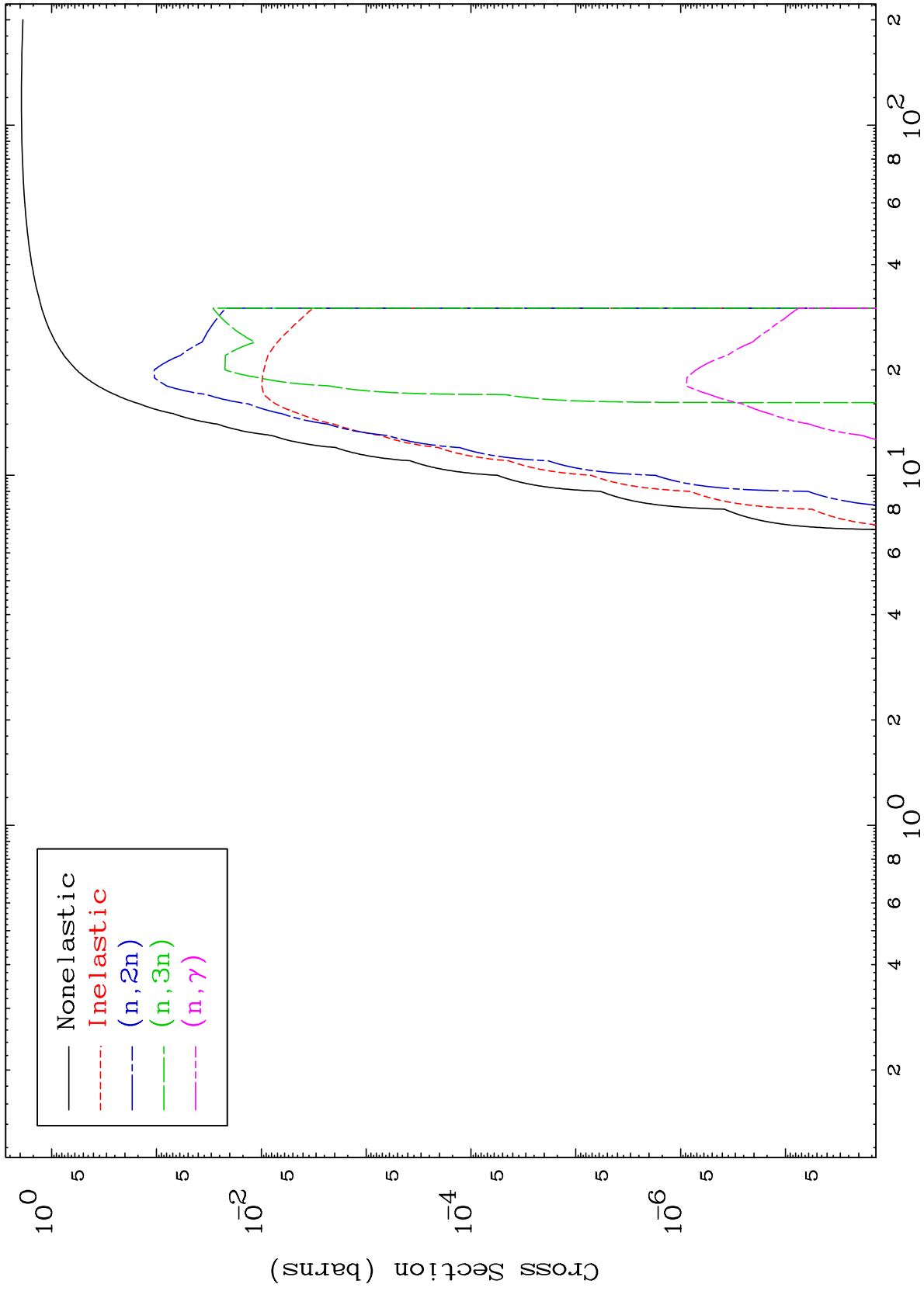
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5431

He-3 Major  
0 Kelvin Cross Sections

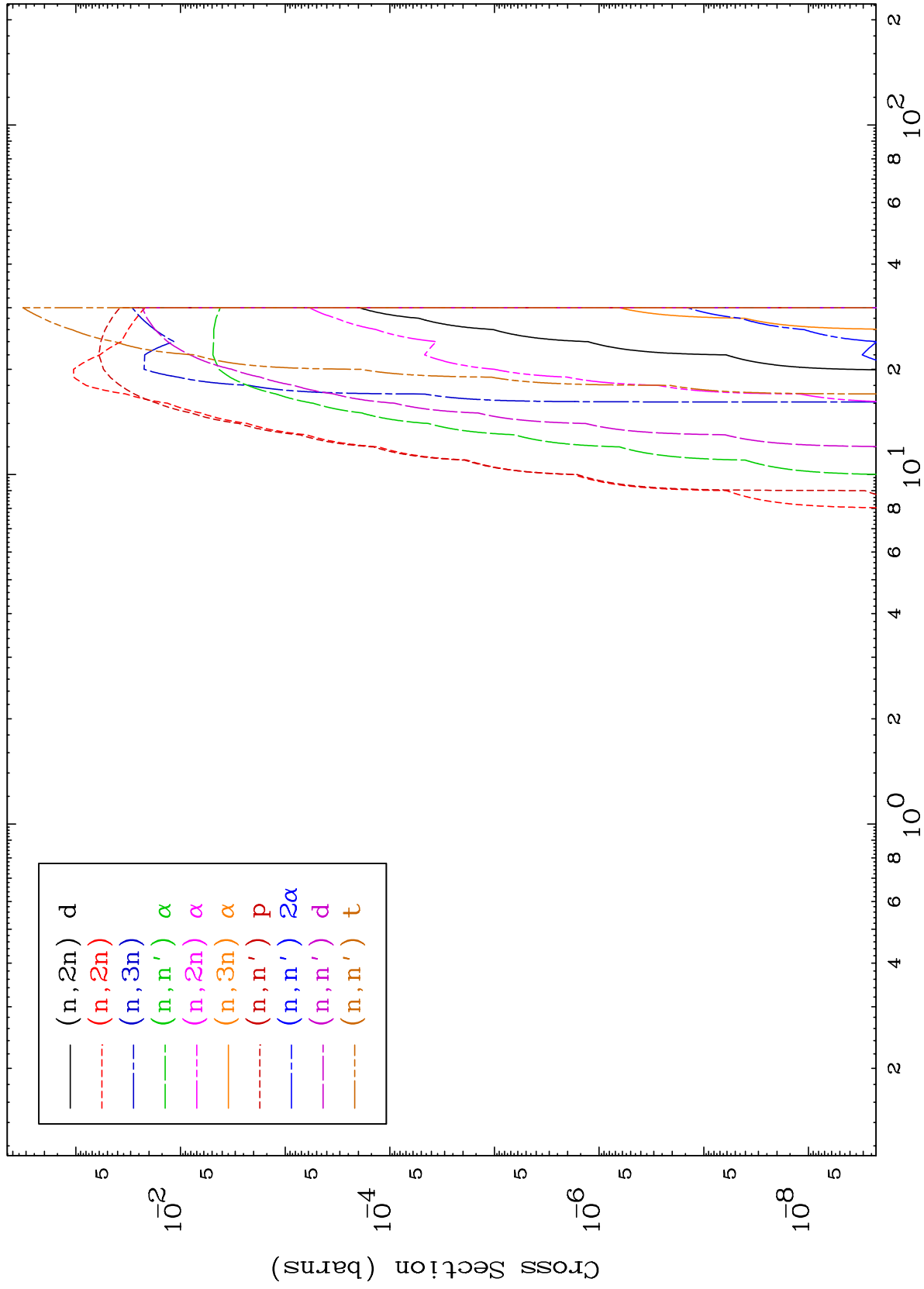
54-Xe-126



MAT 5431

He-3 Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-126



2

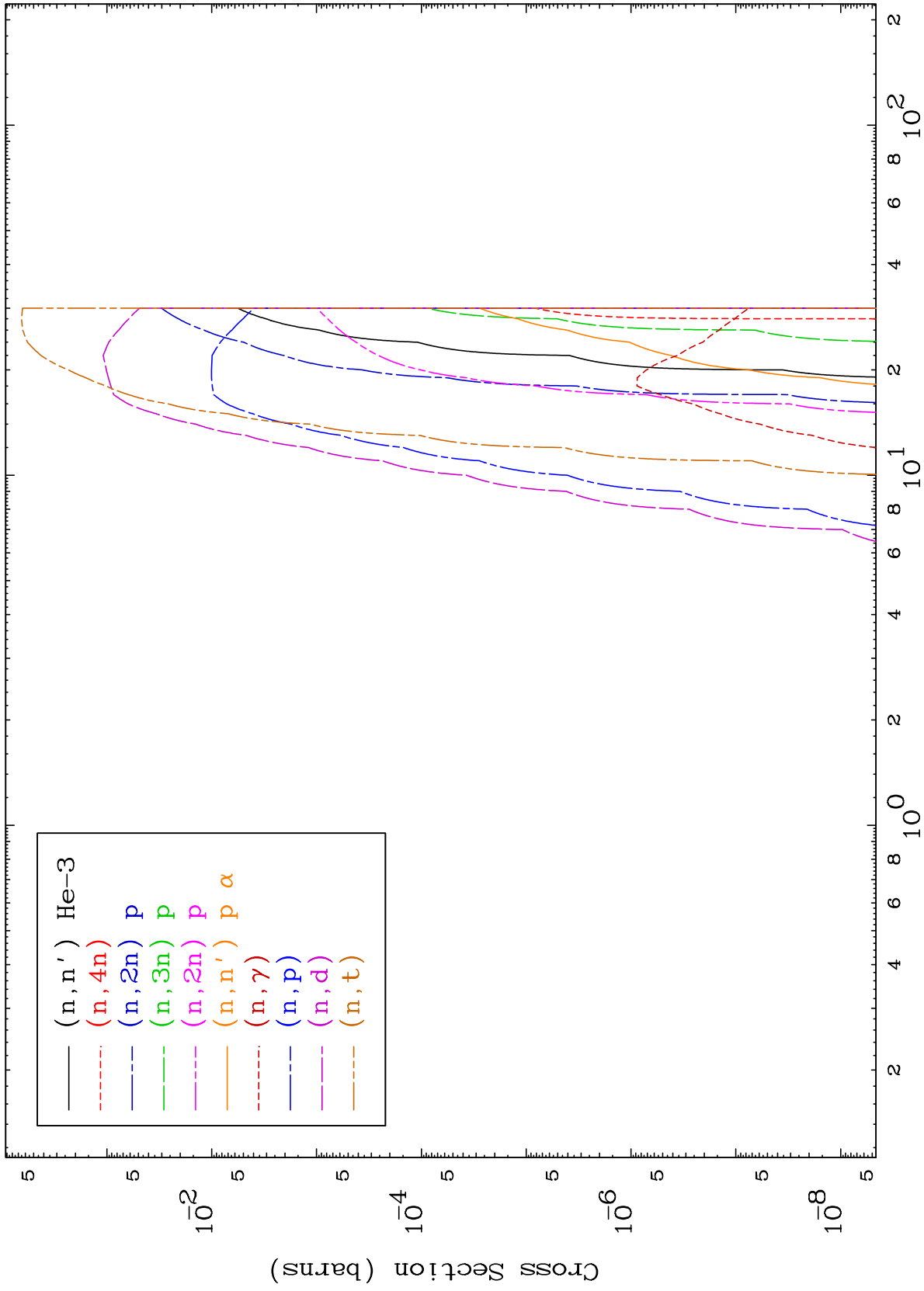
Incident Energy (MeV)

54-Xe-126

MAT 5431

He-3 Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-126



3

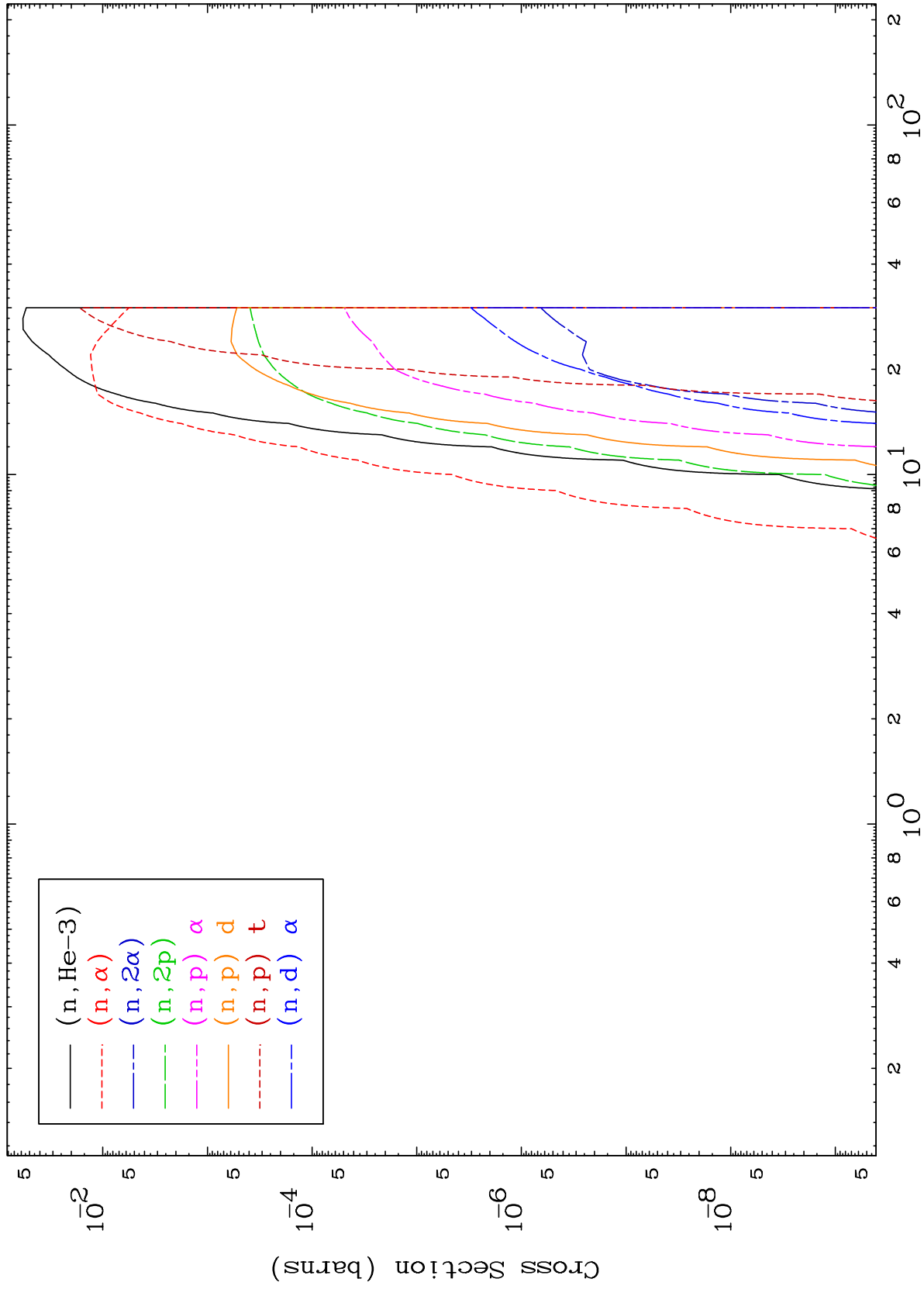
Incident Energy (MeV)

54-Xe-126

MAT 5431

He-3 Neutron Absorption  
0 Kelvin Cross Sections

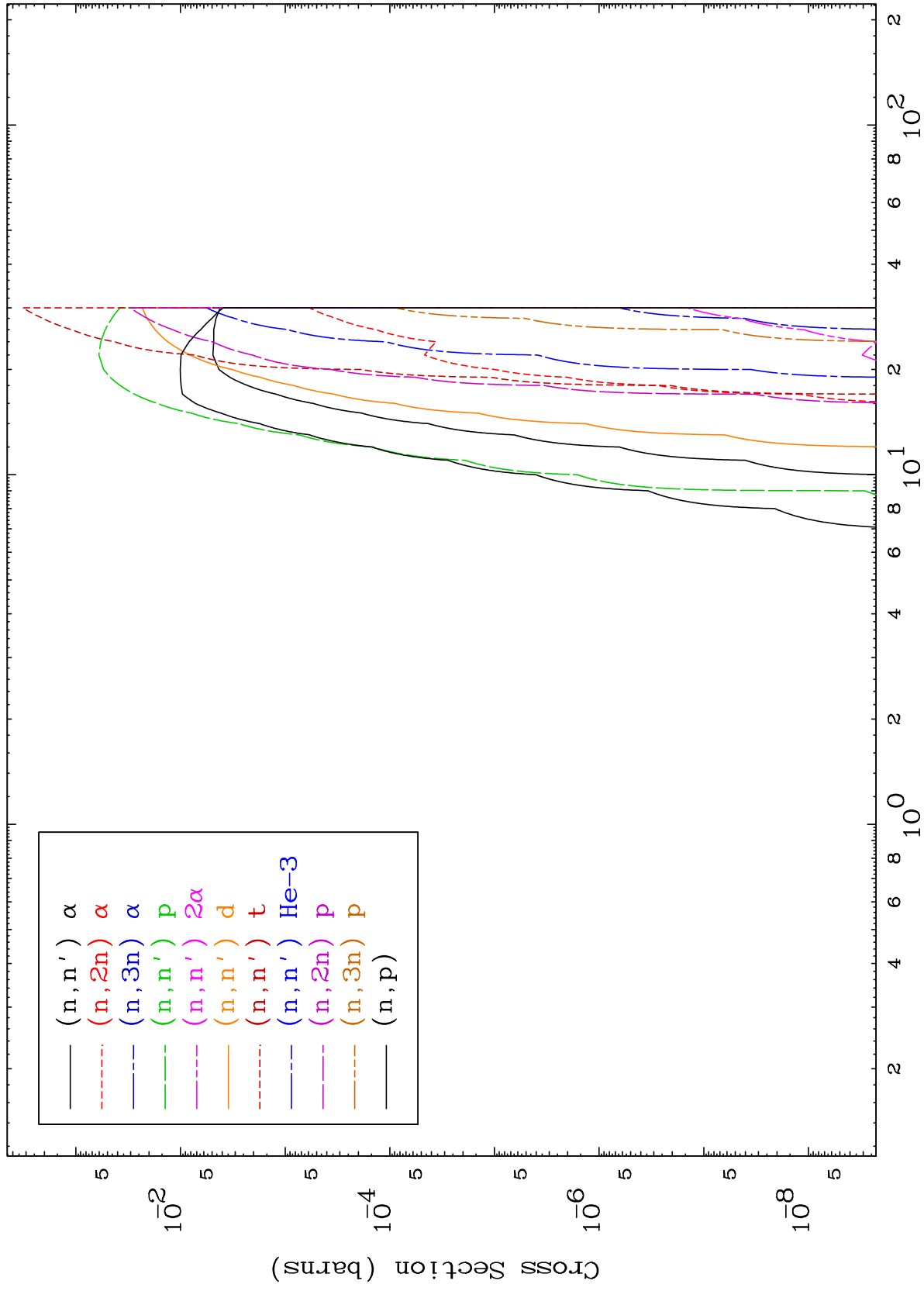
54-Xe-126



MAT 5431

He-3 Charged Particle  
0 Kelvin Cross Sections

54-Xe-126



5

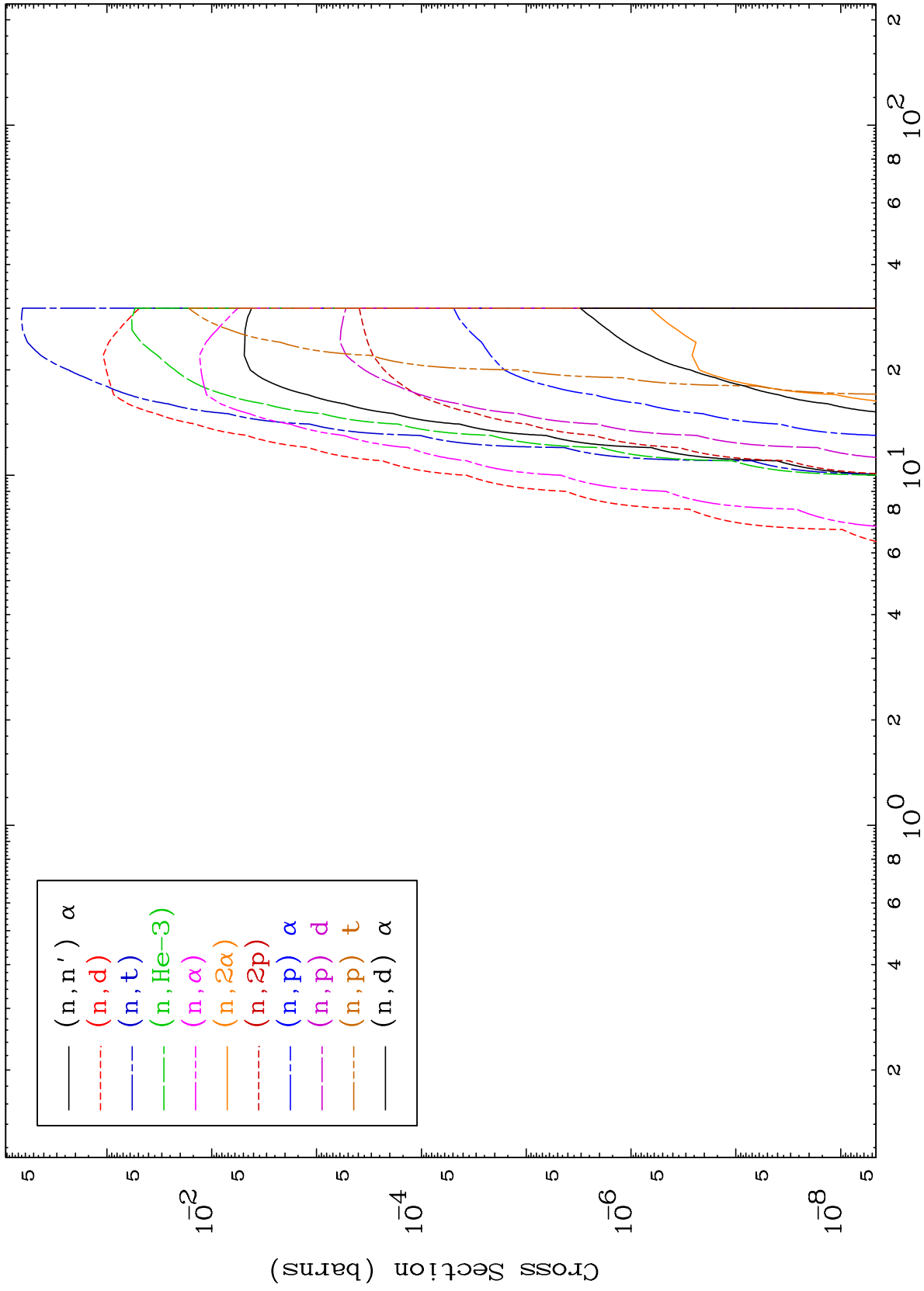
Incident Energy (MeV)

54-Xe-126

MAT 5431

He-3 Charged Particle  
0 Kelvin Cross Sections

54-Xe-126



6

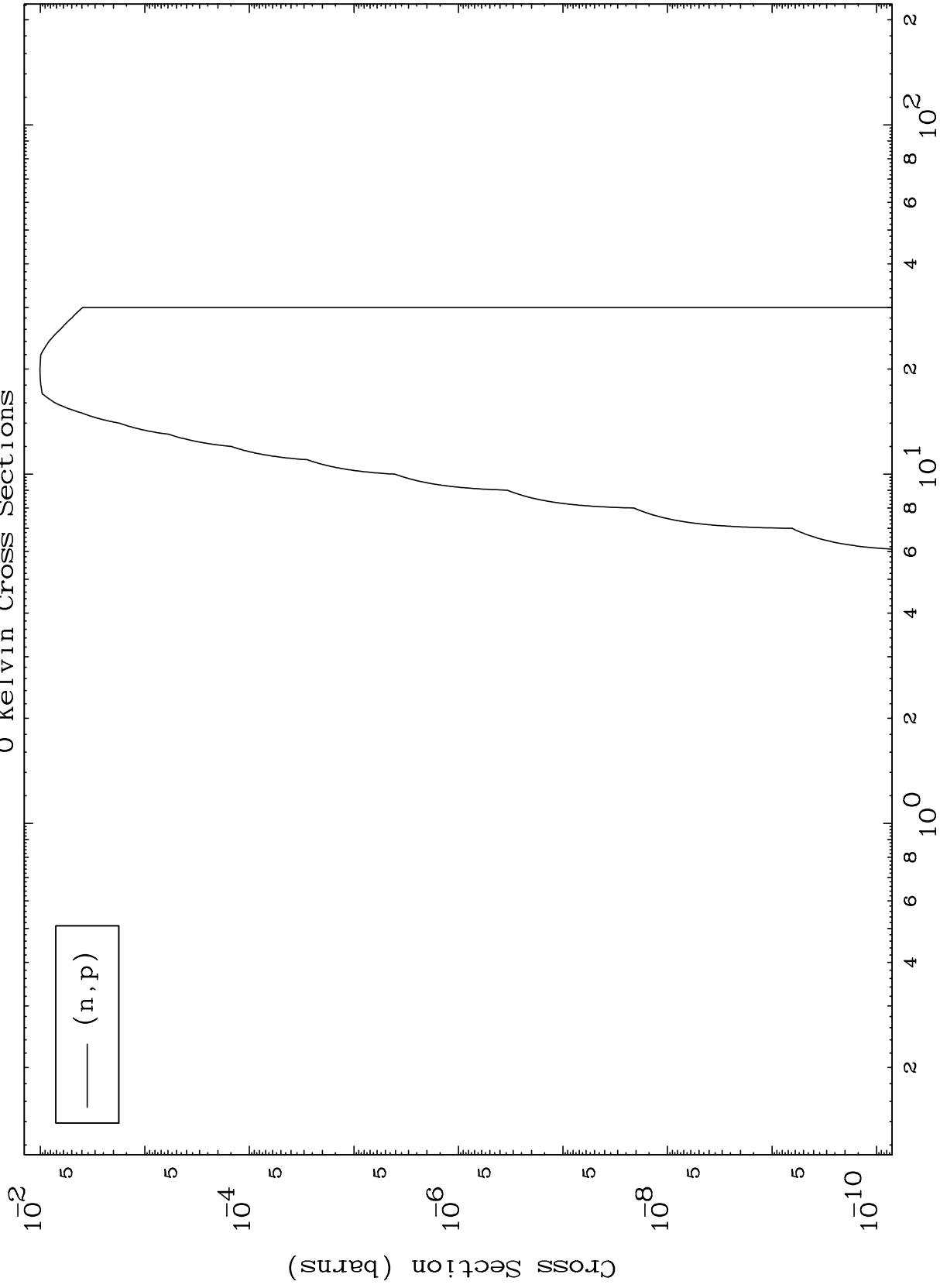
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



7

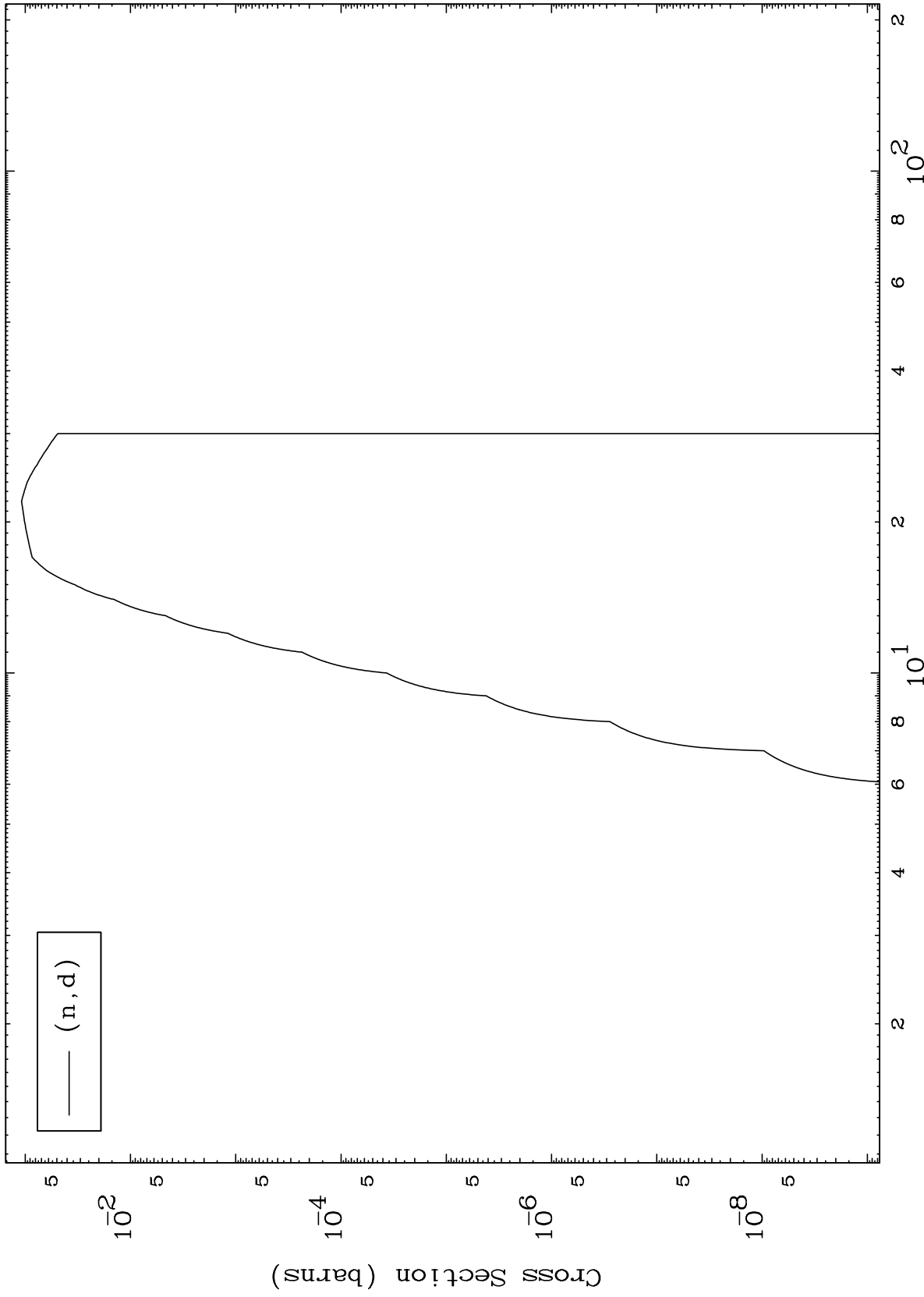
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



8

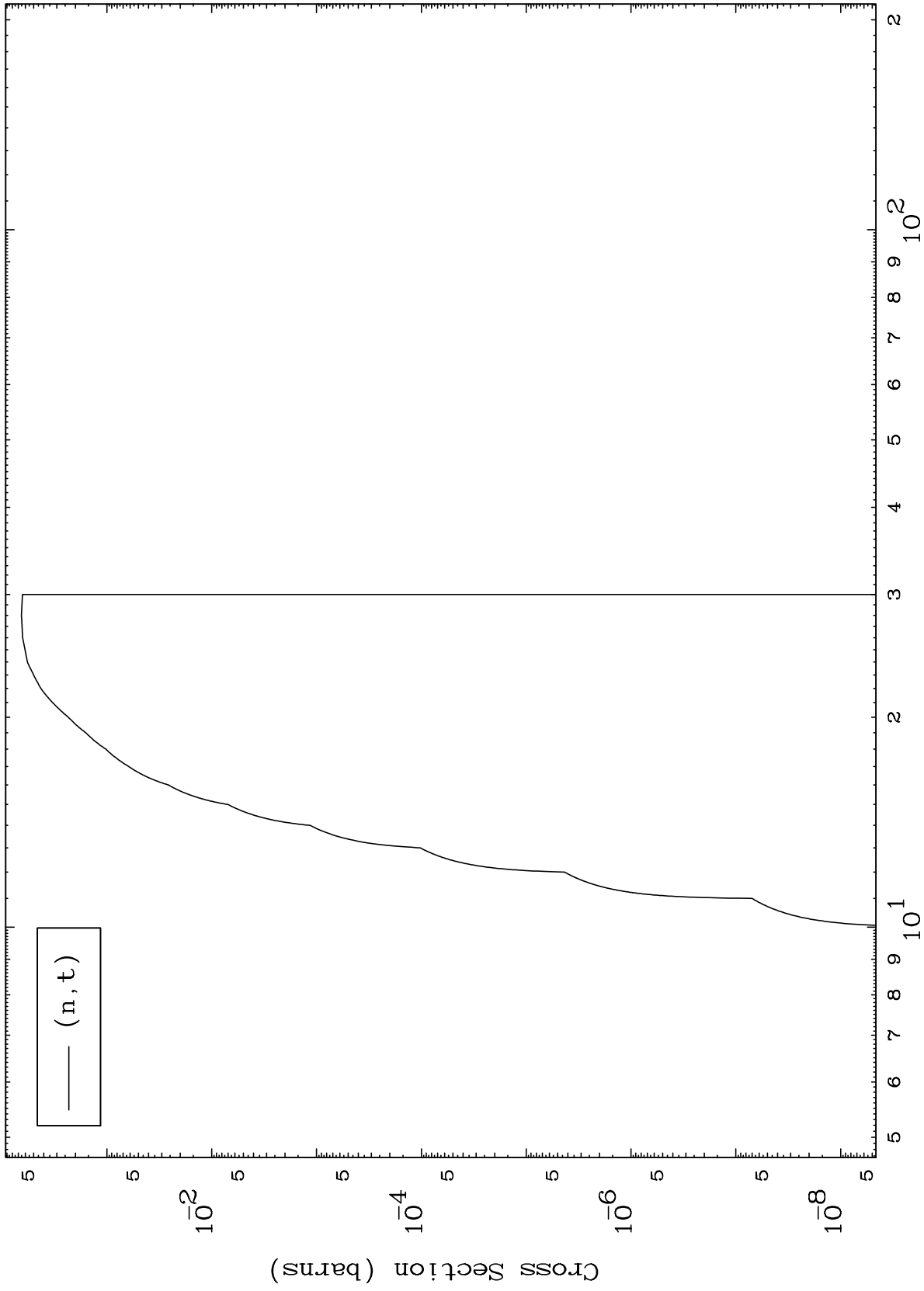
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



9

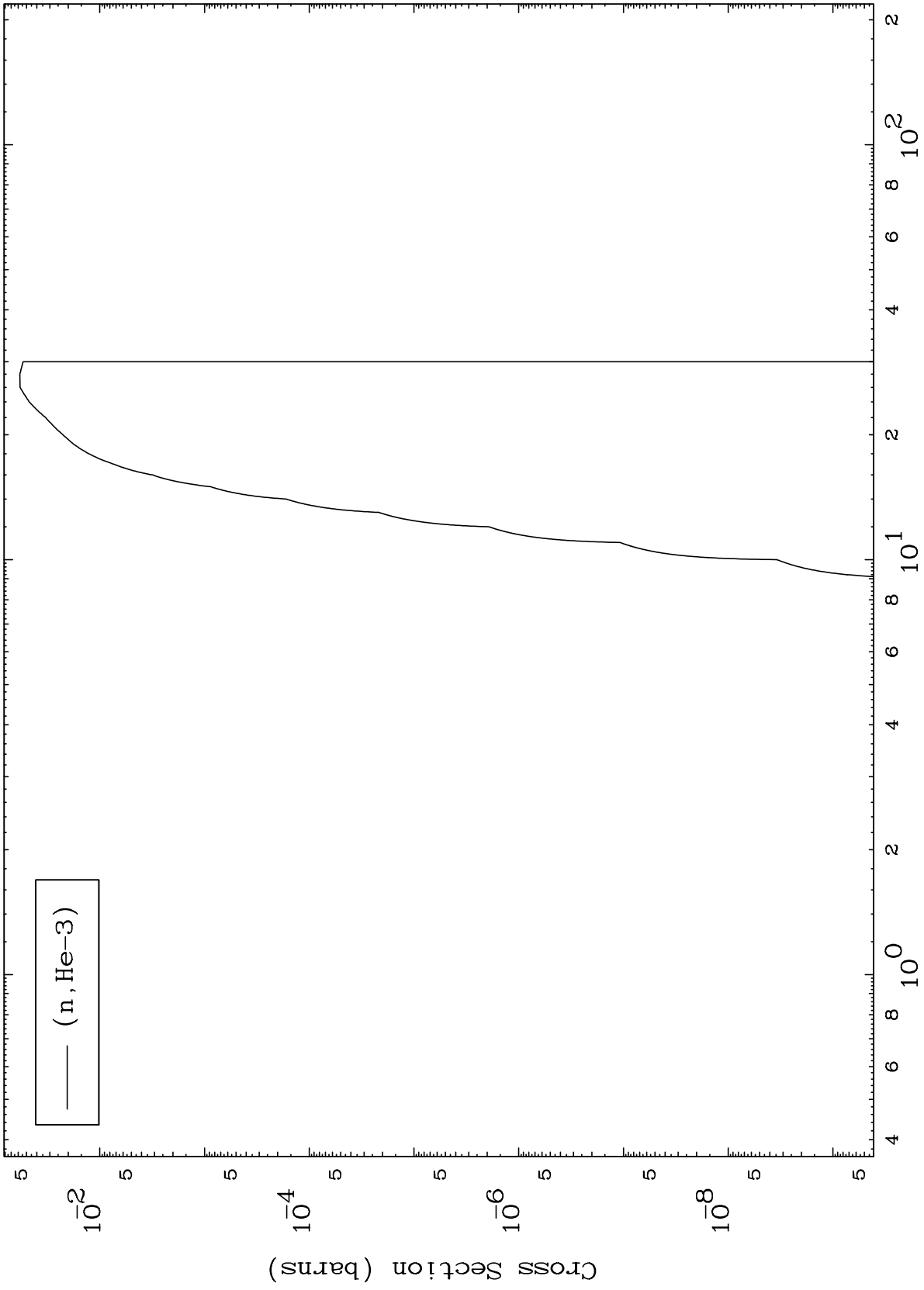
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



10

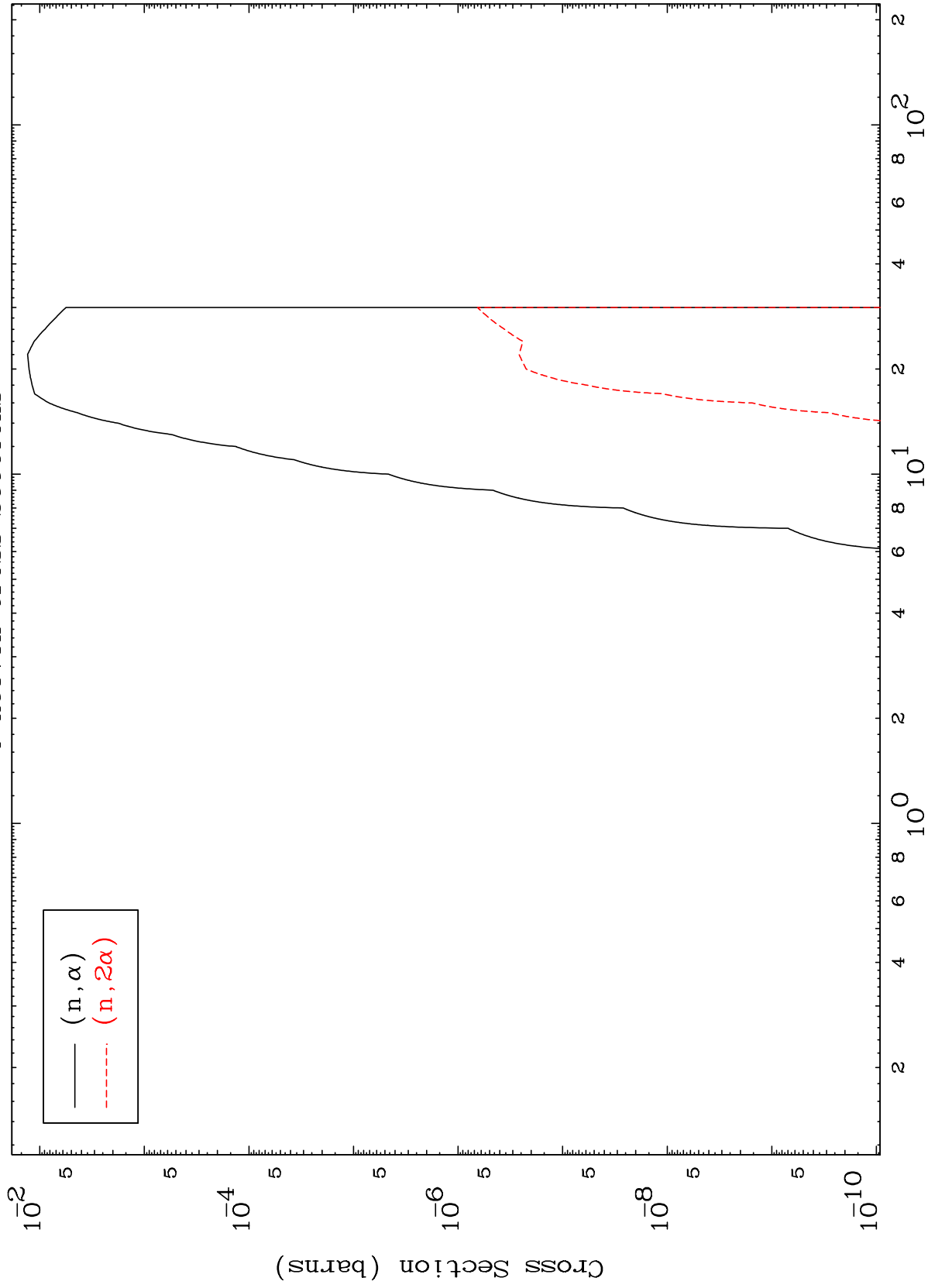
Incident Energy (MeV)

54-Xe-126

MAT 5431

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

54-Xe-126



11

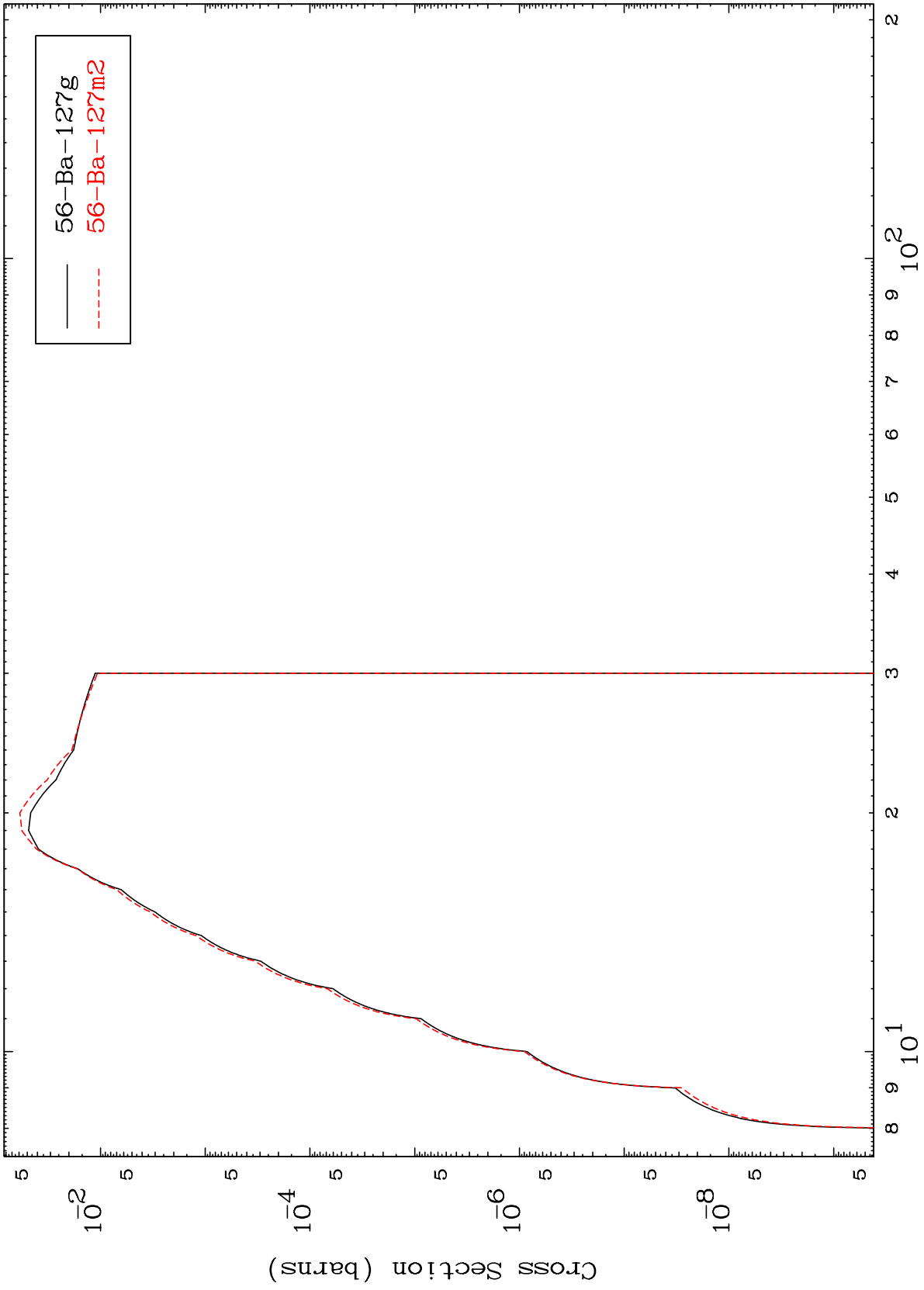
Incident Energy (MeV)

54-Xe-126

MAT 5431

54-Xe-126

(n,2n)  
Radionuclide Production Cross Section



12

Incident Energy (MeV)

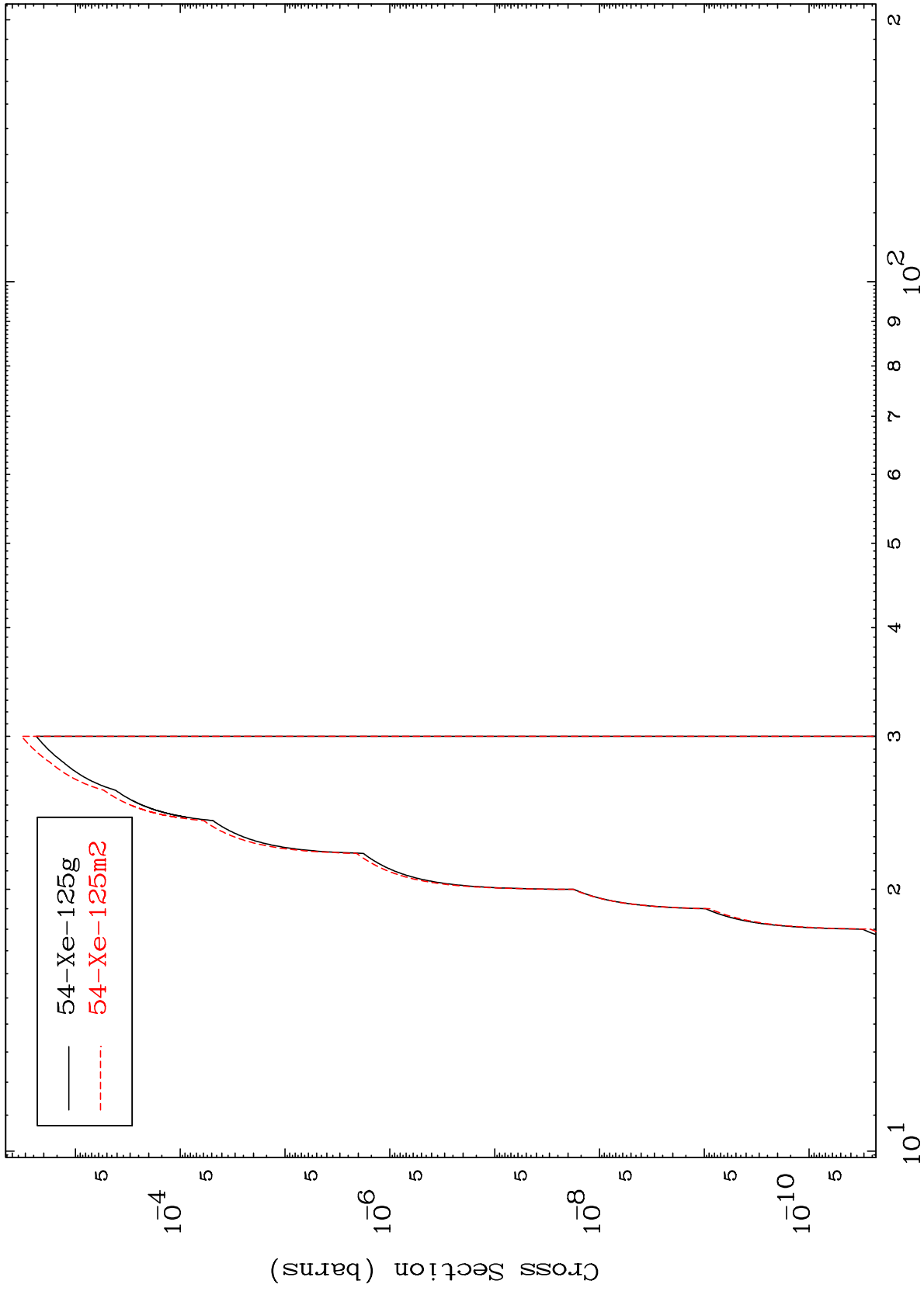
54-Xe-126

MAT 5431

(n, n') He-3

54-Xe-126

Radionuclide Production Cross Section



13

Incident Energy (MeV)

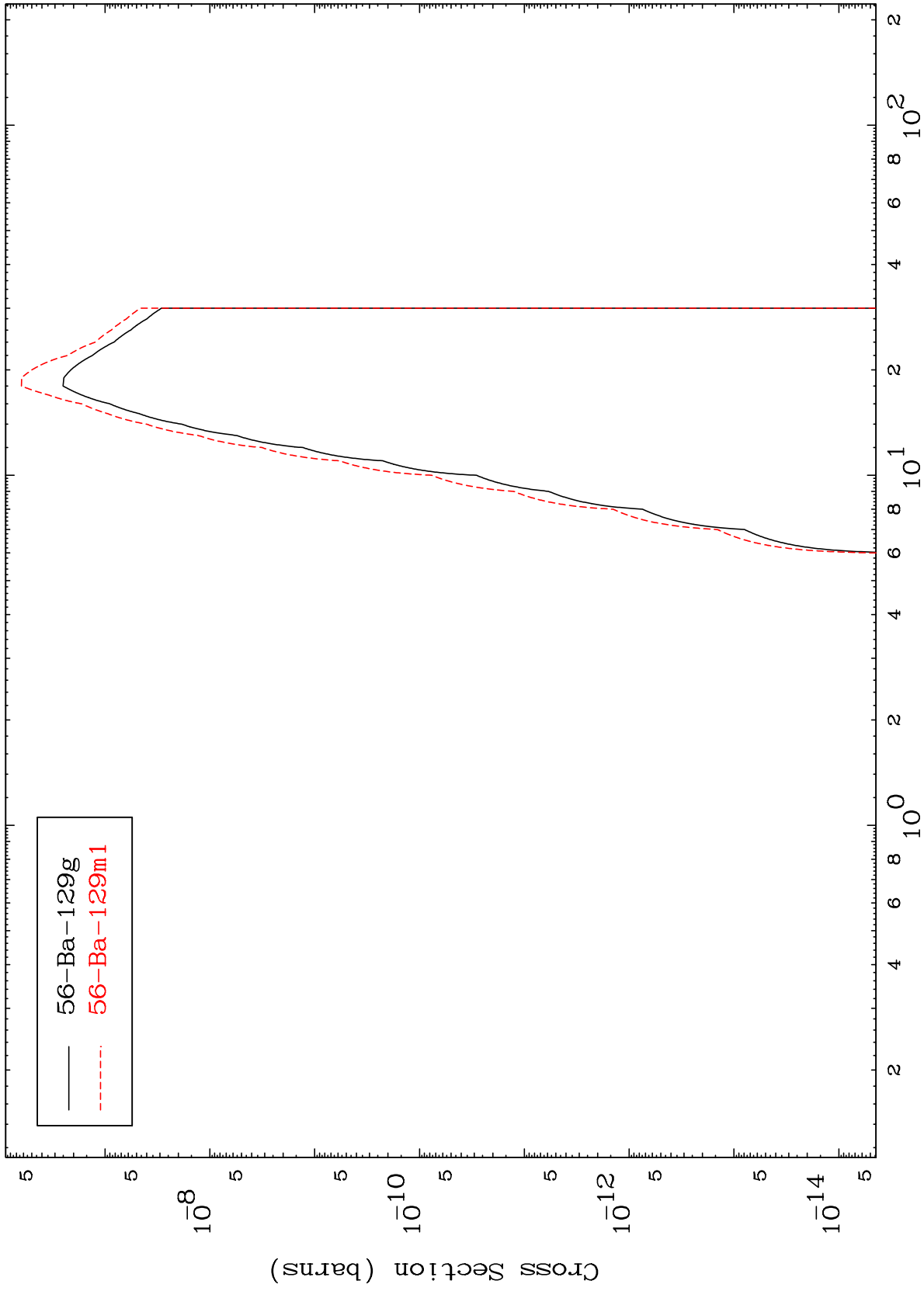
54-Xe-126

MAT 5431

(n,γ)

54-Xe-126

Radionuclide Production Cross Section



14

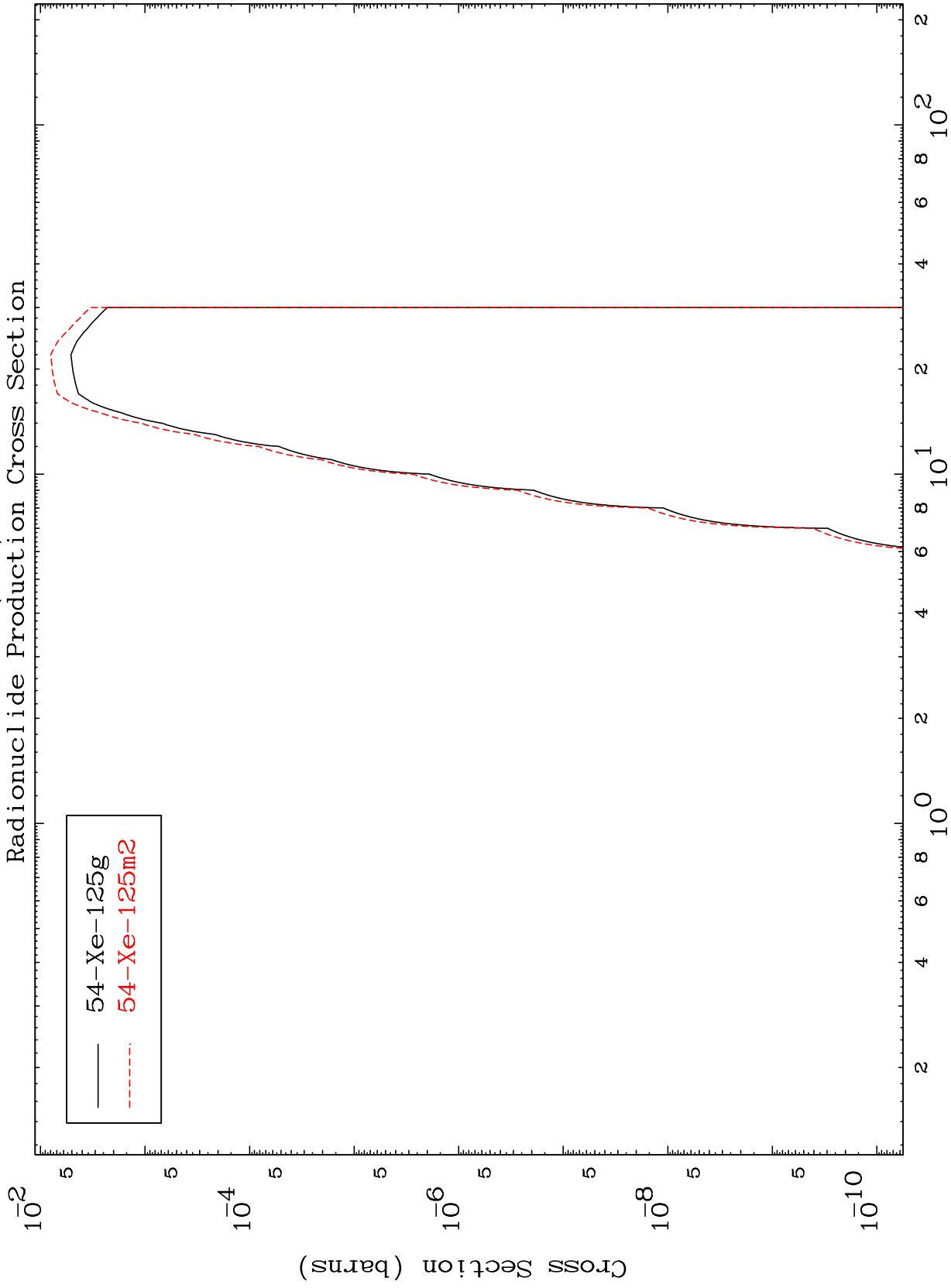
Incident Energy (MeV)

54-Xe-126

MAT 5431

(n,  $\alpha$ )

54-Xe-126



15

Incident Energy (MeV)

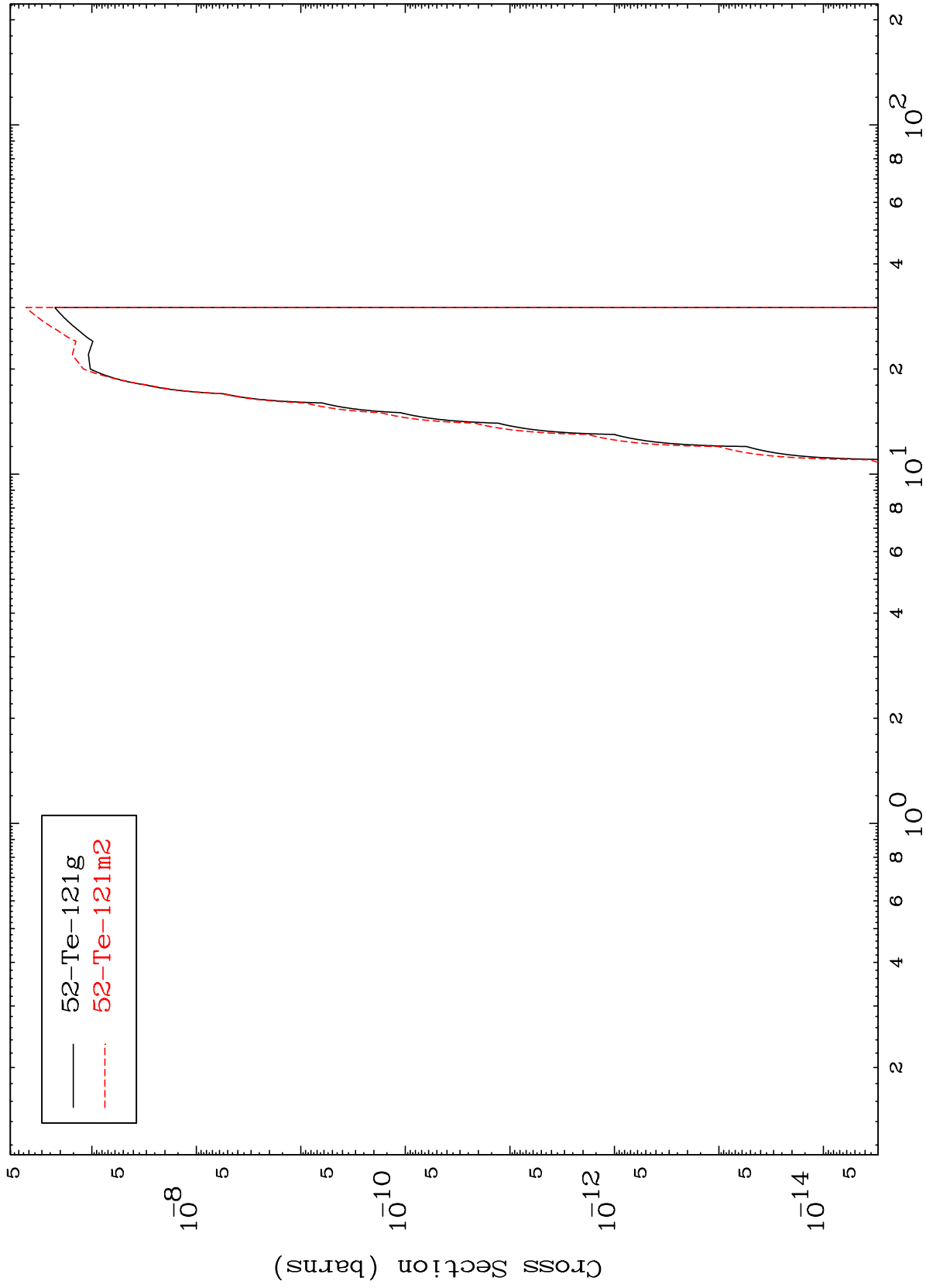
54-Xe-126

MAT 5431

(n,2α)

54-Xe-126

Radionuclide Production Cross Section



16

Incident Energy (MeV)

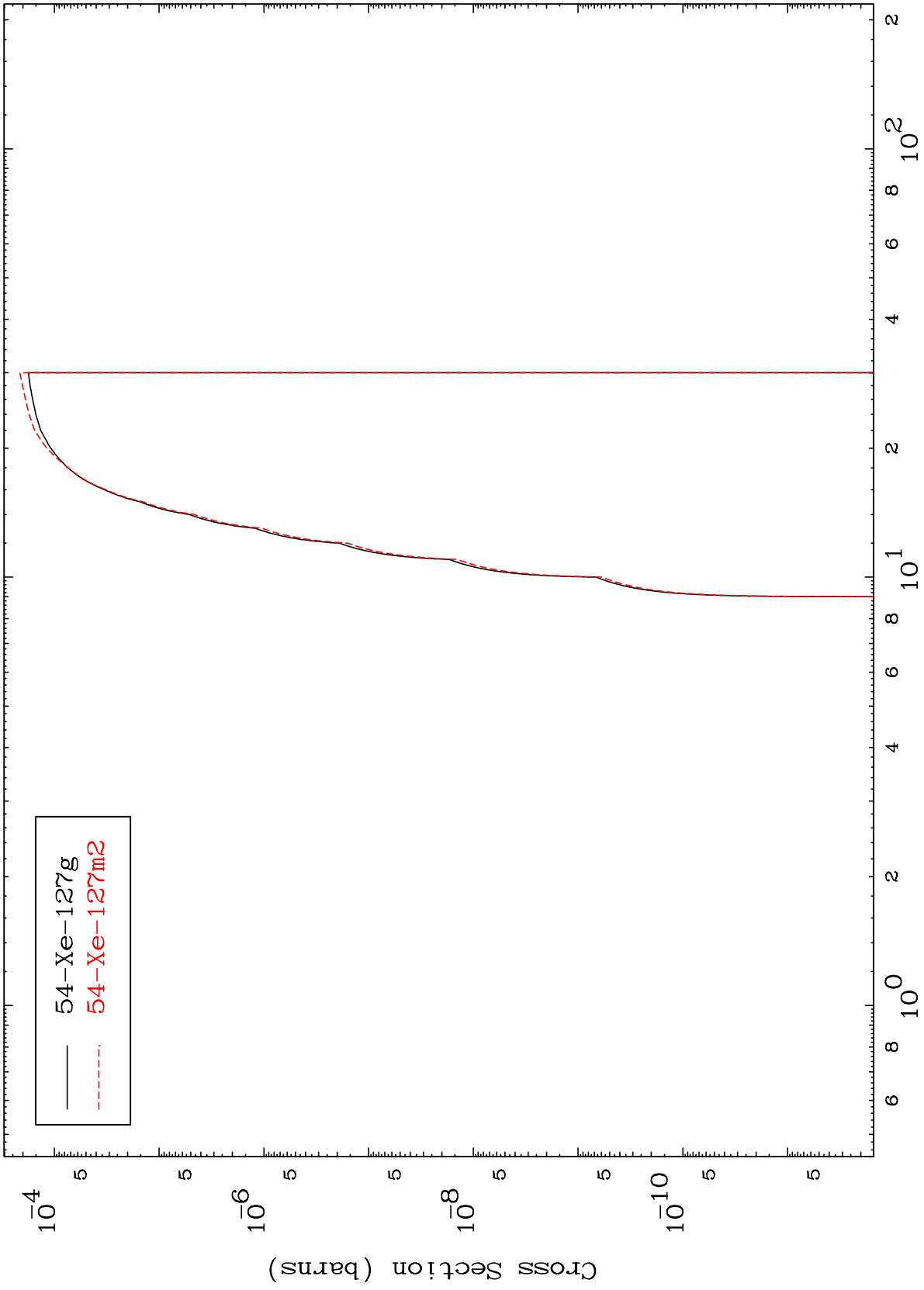
54-Xe-126

MAT 5431

(n,2p)

54-Xe-126

Radionuclide Production Cross Section



17

Incident Energy (MeV)

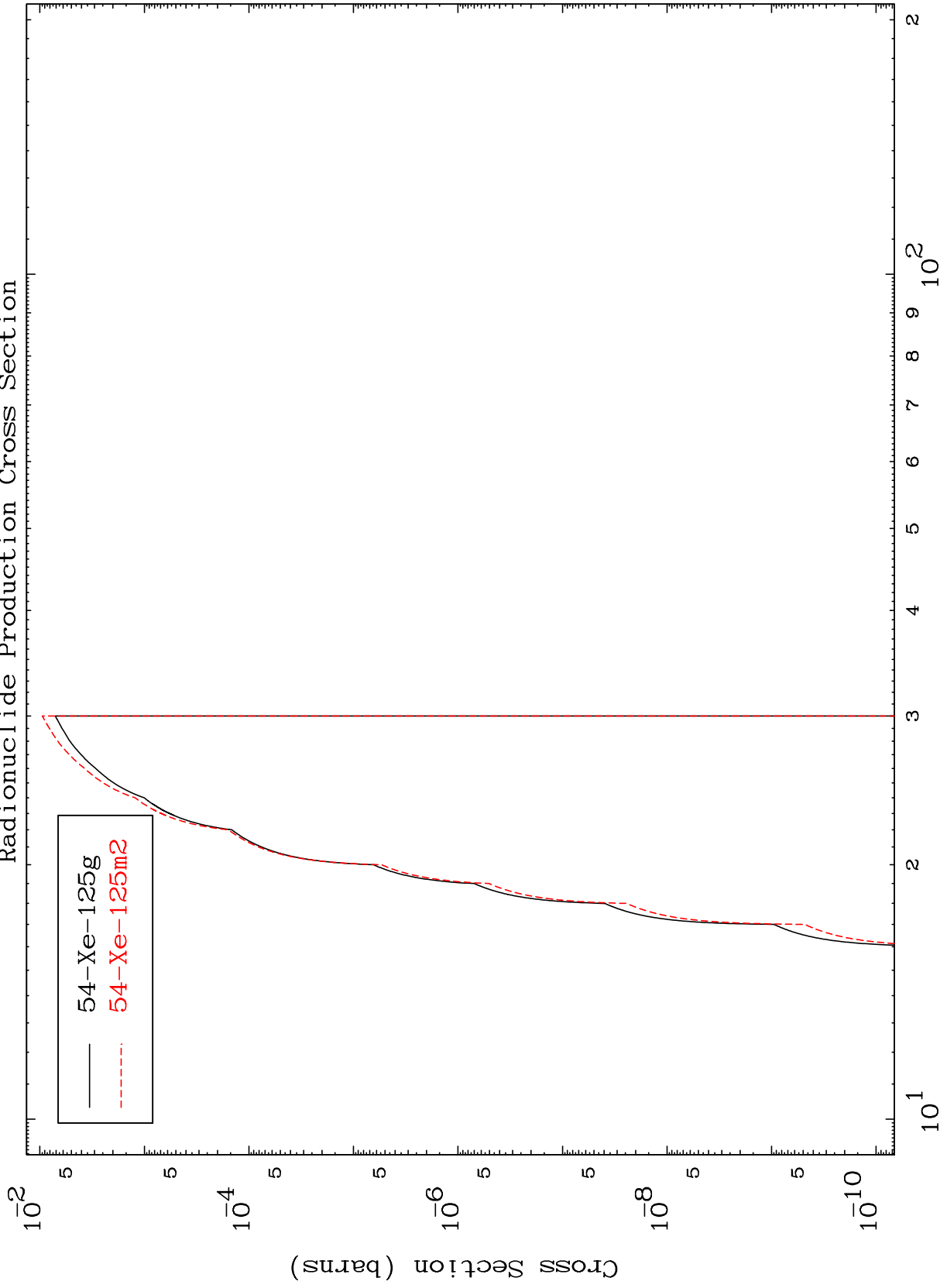
54-Xe-126

MAT 5431

(n,p) t

54-Xe-126

Radionuclide Production Cross Section



54-Xe-125g  
54-Xe-125m2

18

Incident Energy (MeV)

54-Xe-126