

Program EVALPLOT  
(Version 2021-1)

by

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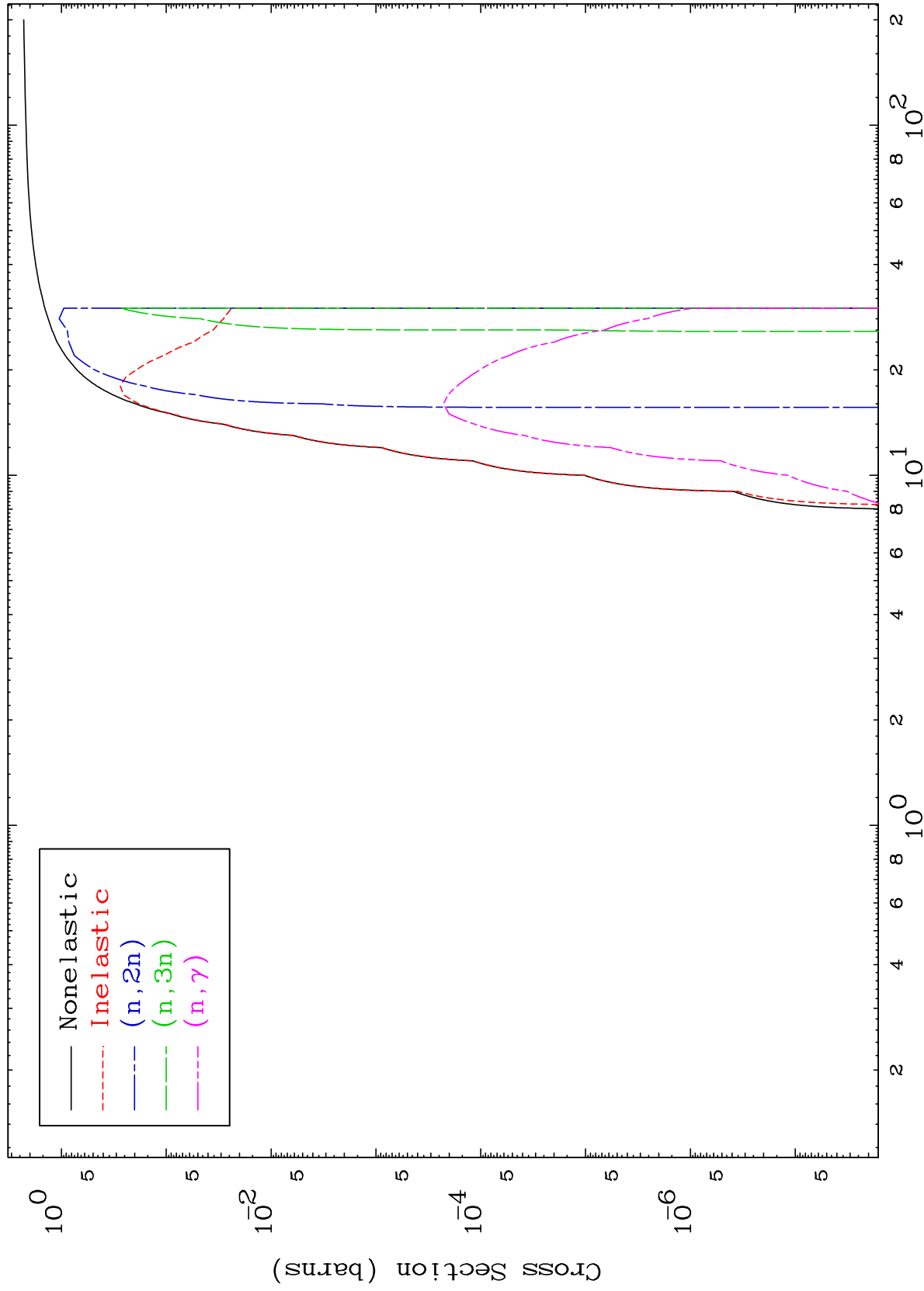
Press Mouse Button to Start

MAT 5443

0 Kelvin

$\alpha$  Major Cross Sections

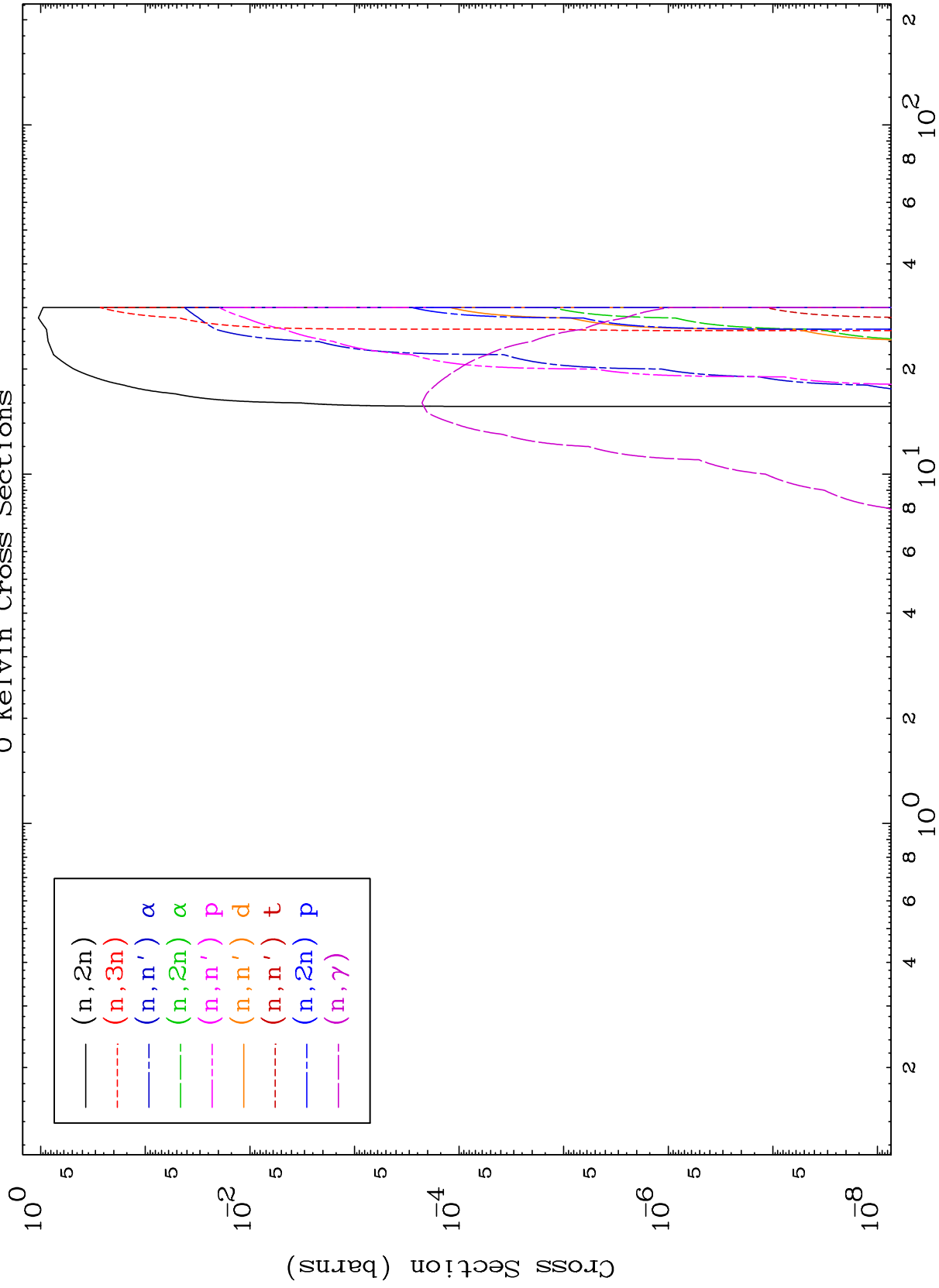
54-Xe-130



MAT 5443

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

54-Xe-130



2

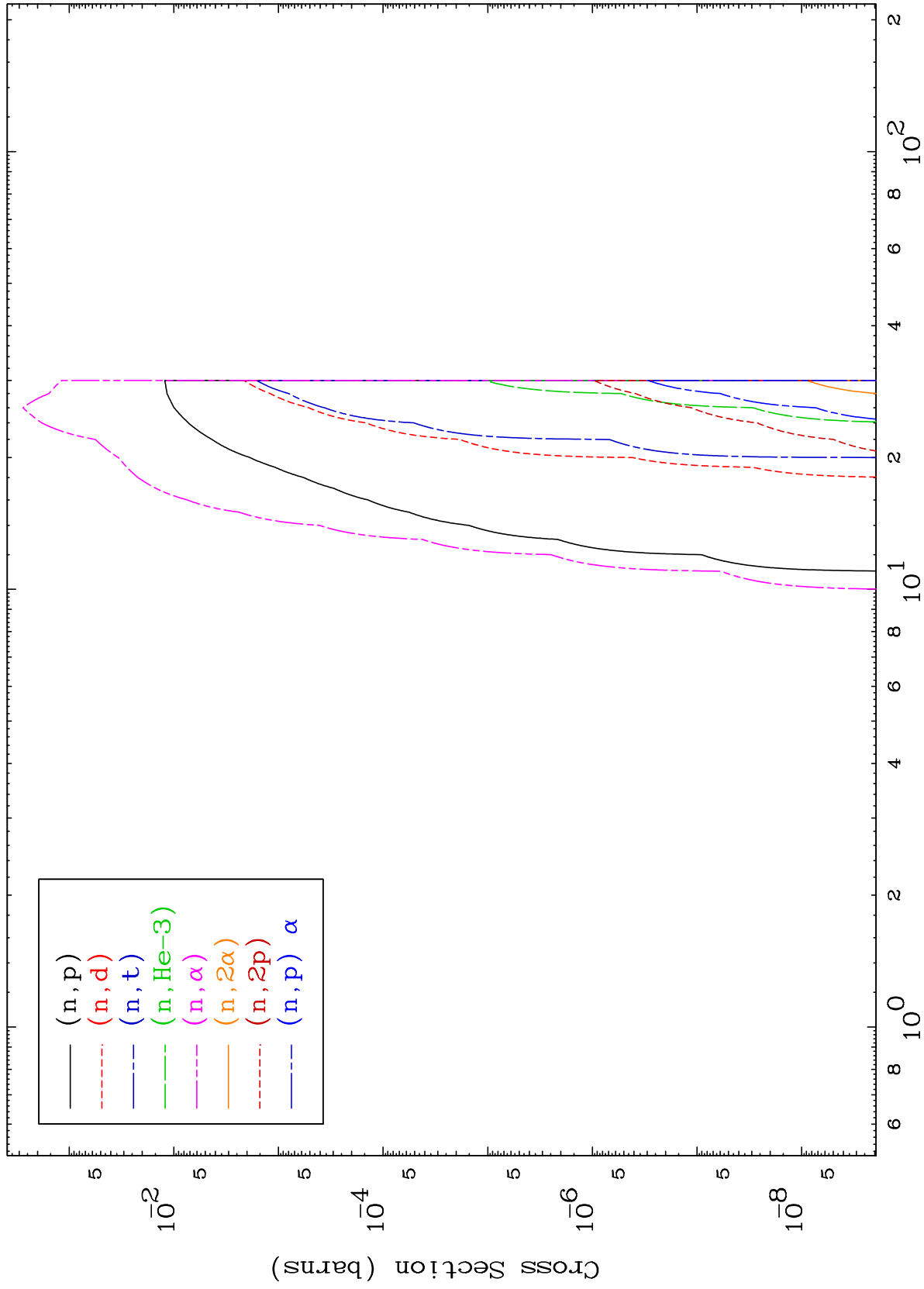
Incident Energy (MeV)

54-Xe-130

MAT 5443

$\alpha$  Neutron Absorption  
0 Kelvin Cross Sections

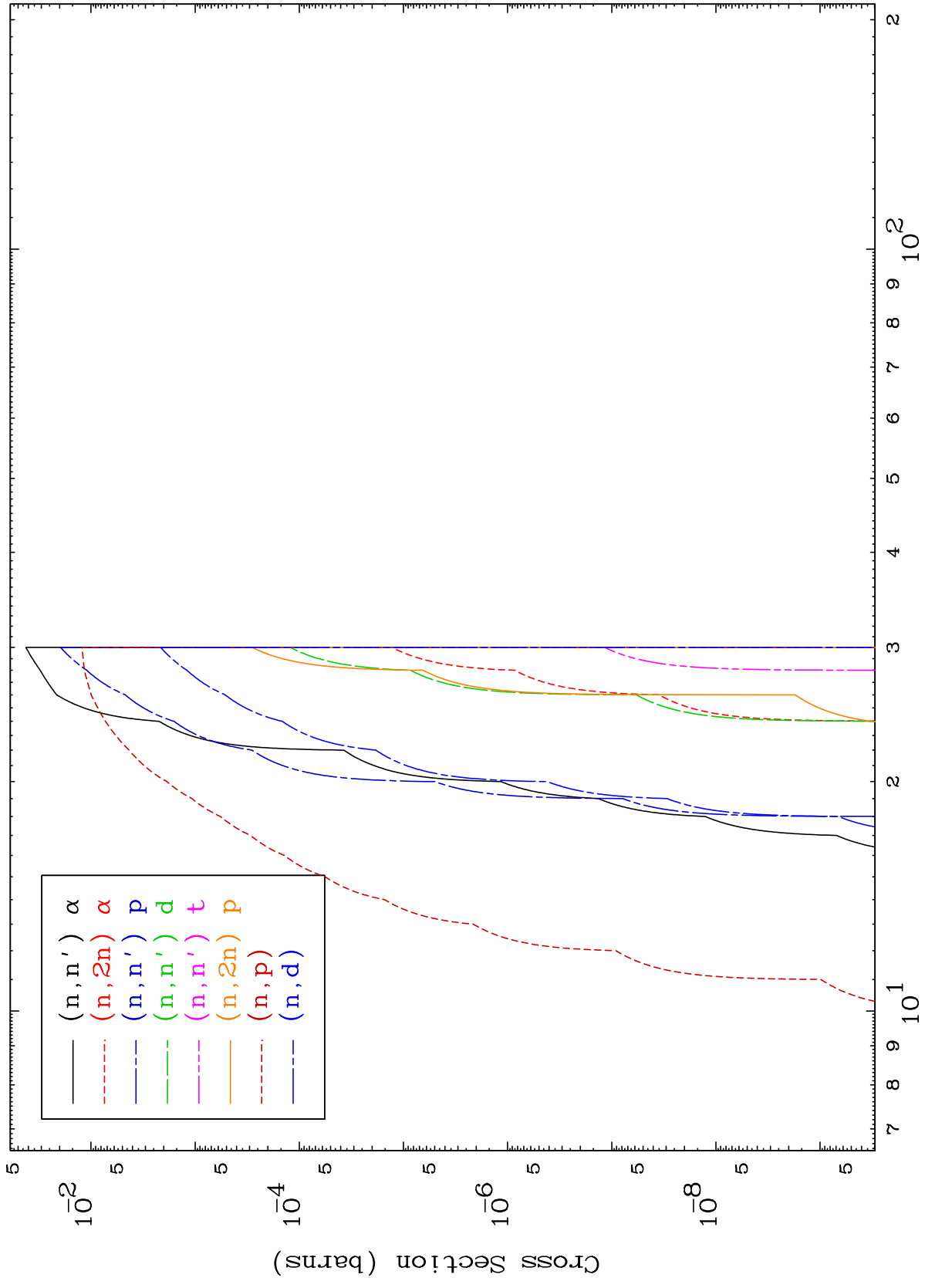
54-Xe-130



3

Incident Energy (MeV)

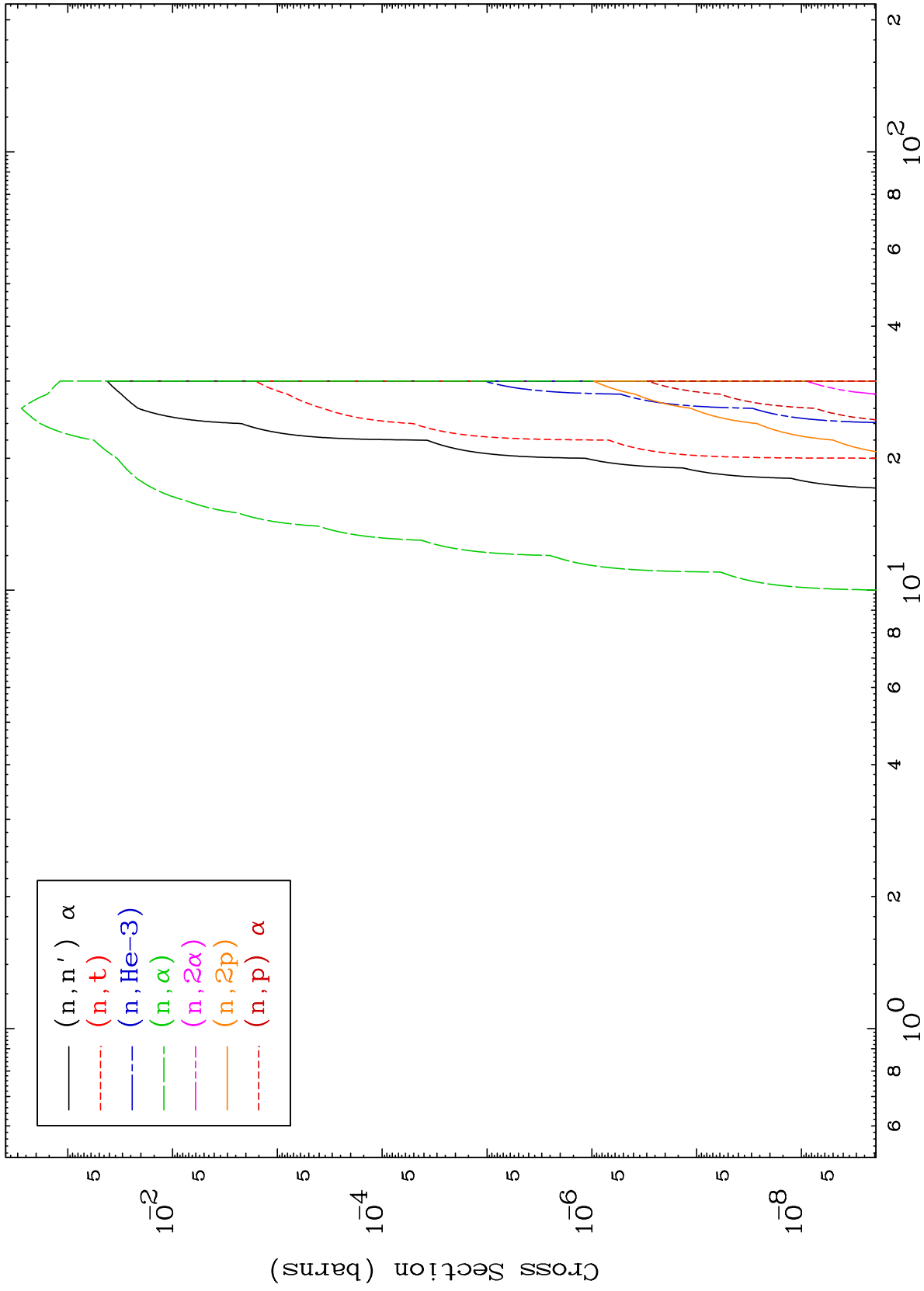
54-Xe-130



MAT 5443

$\alpha$  Charged Particle  
0 Kelvin Cross Sections

54-Xe-130



5

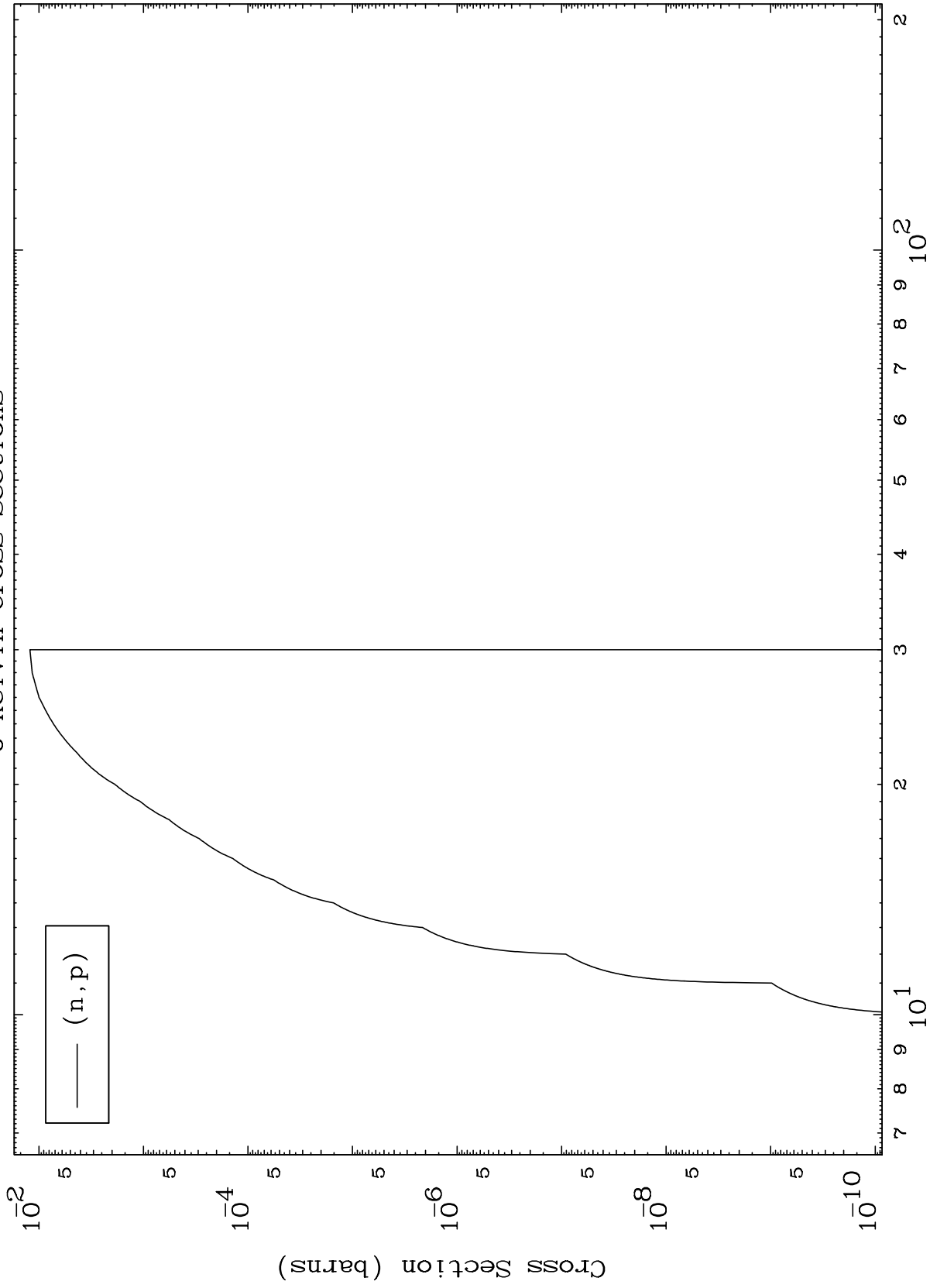
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



6

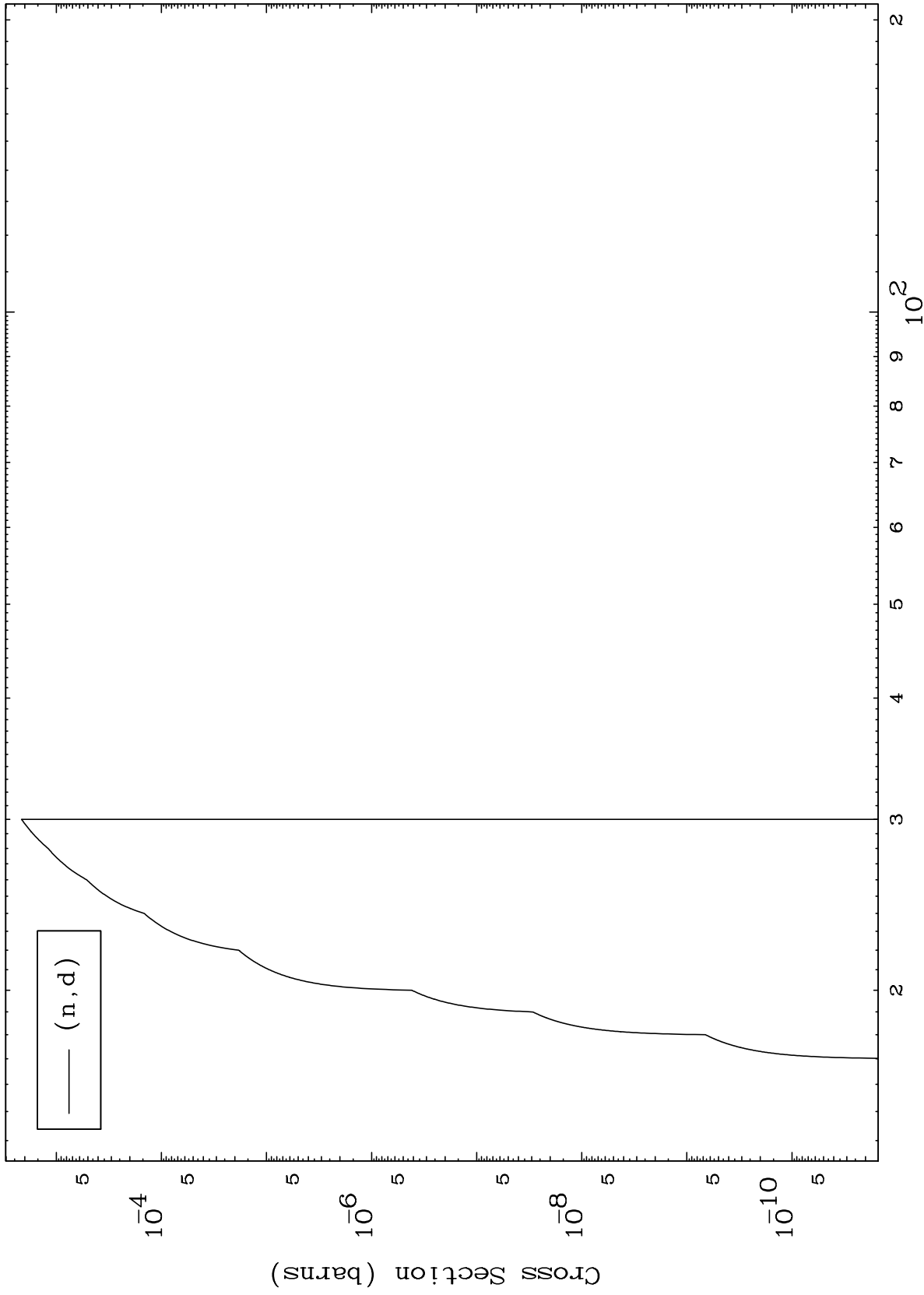
Incident Energy (MeV)

54-Xe-130

MAT 5443

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

54-Xe-130



7

Incident Energy (MeV)

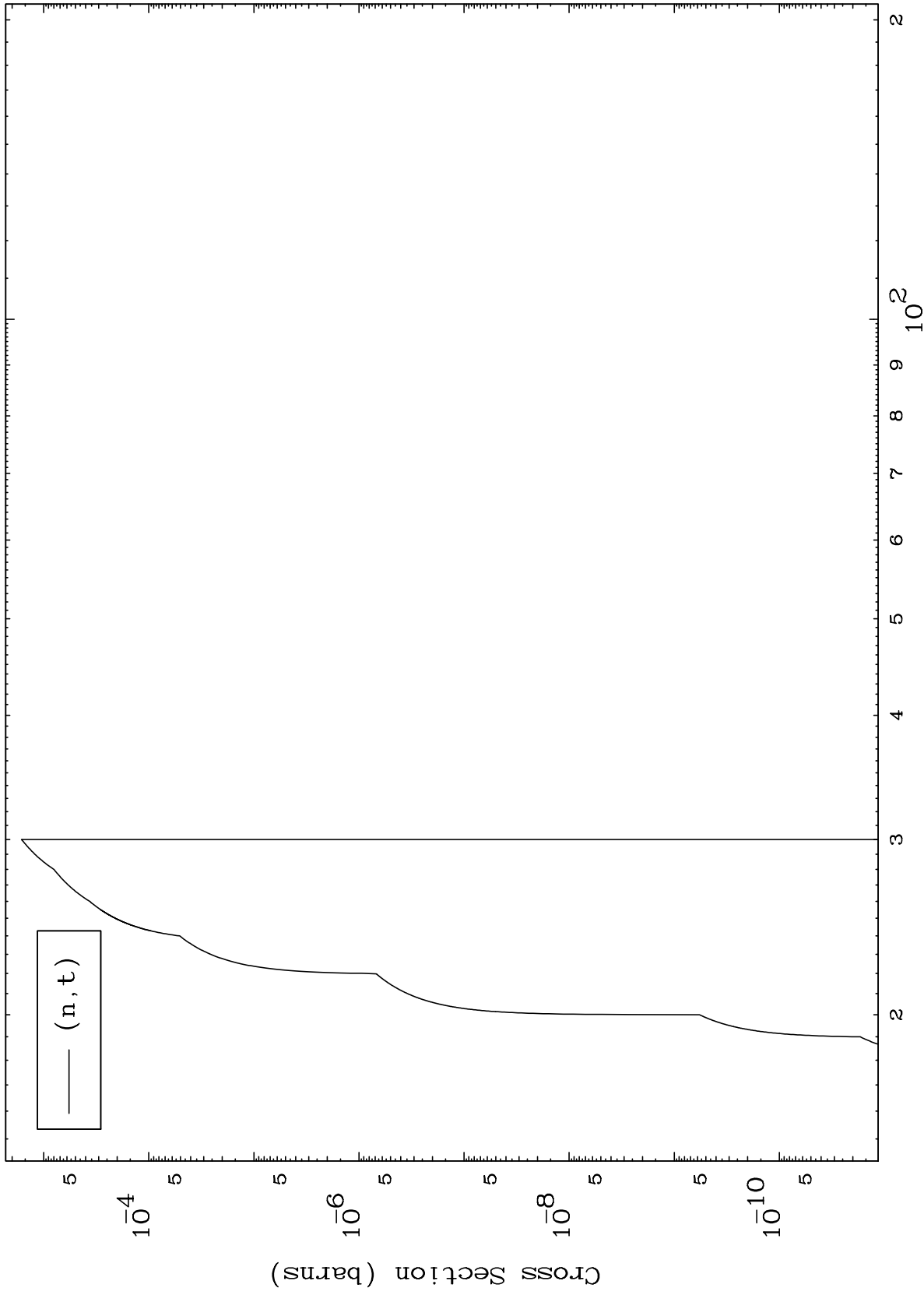
54-Xe-130



MAT 5443

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

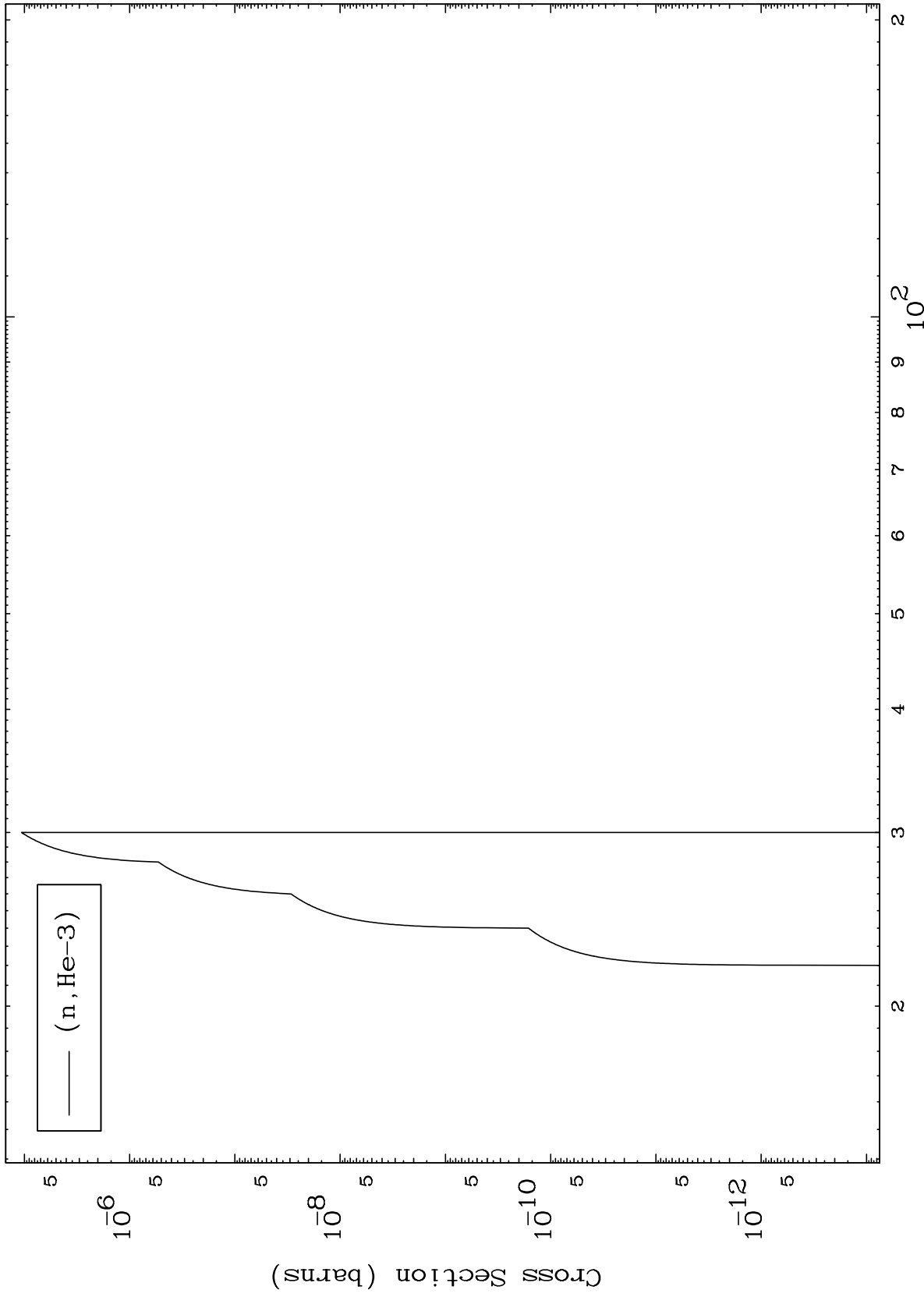
54-Xe-130



8

Incident Energy (MeV)

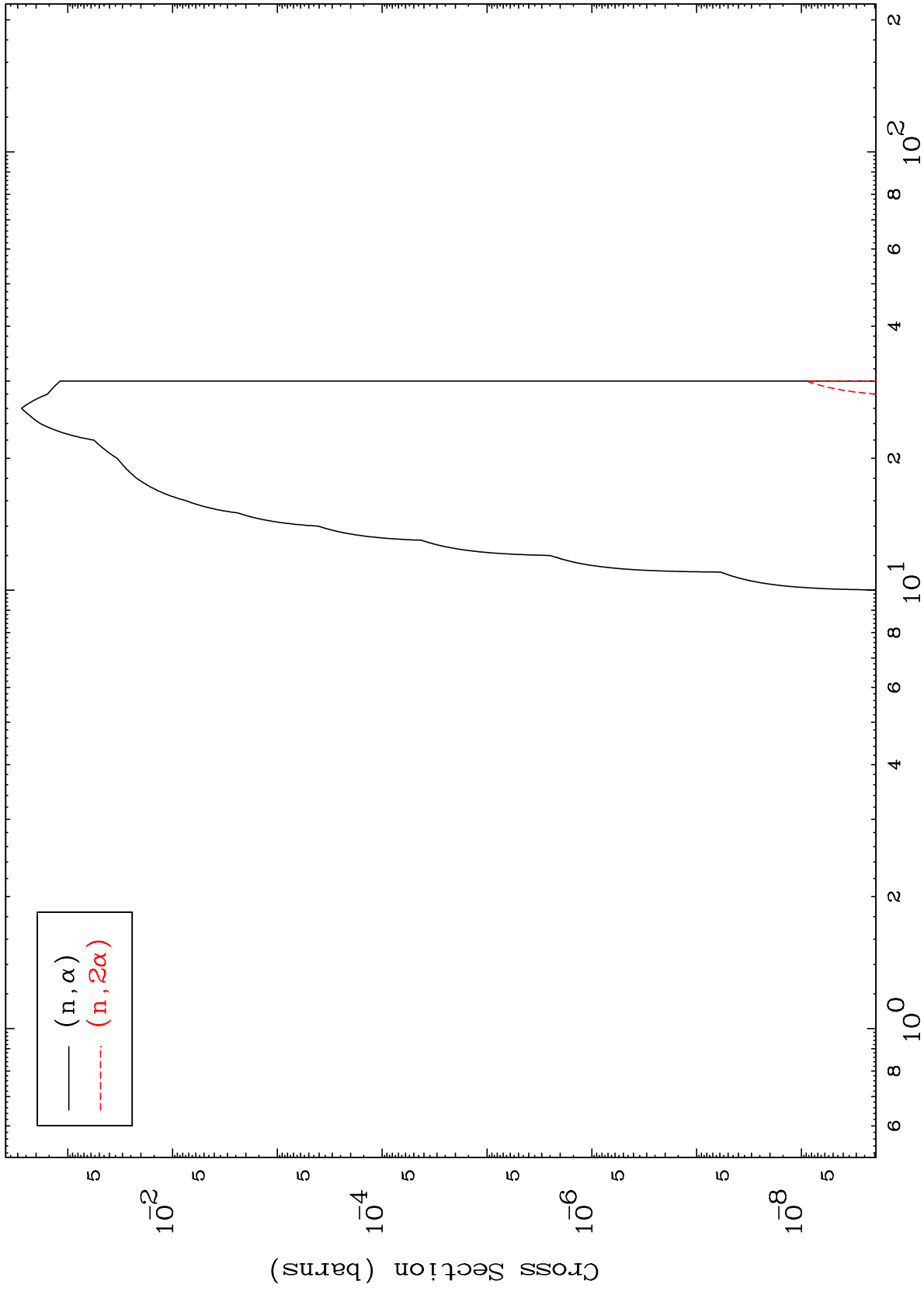
54-Xe-130



MAT 5443

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

54-Xe-130



10

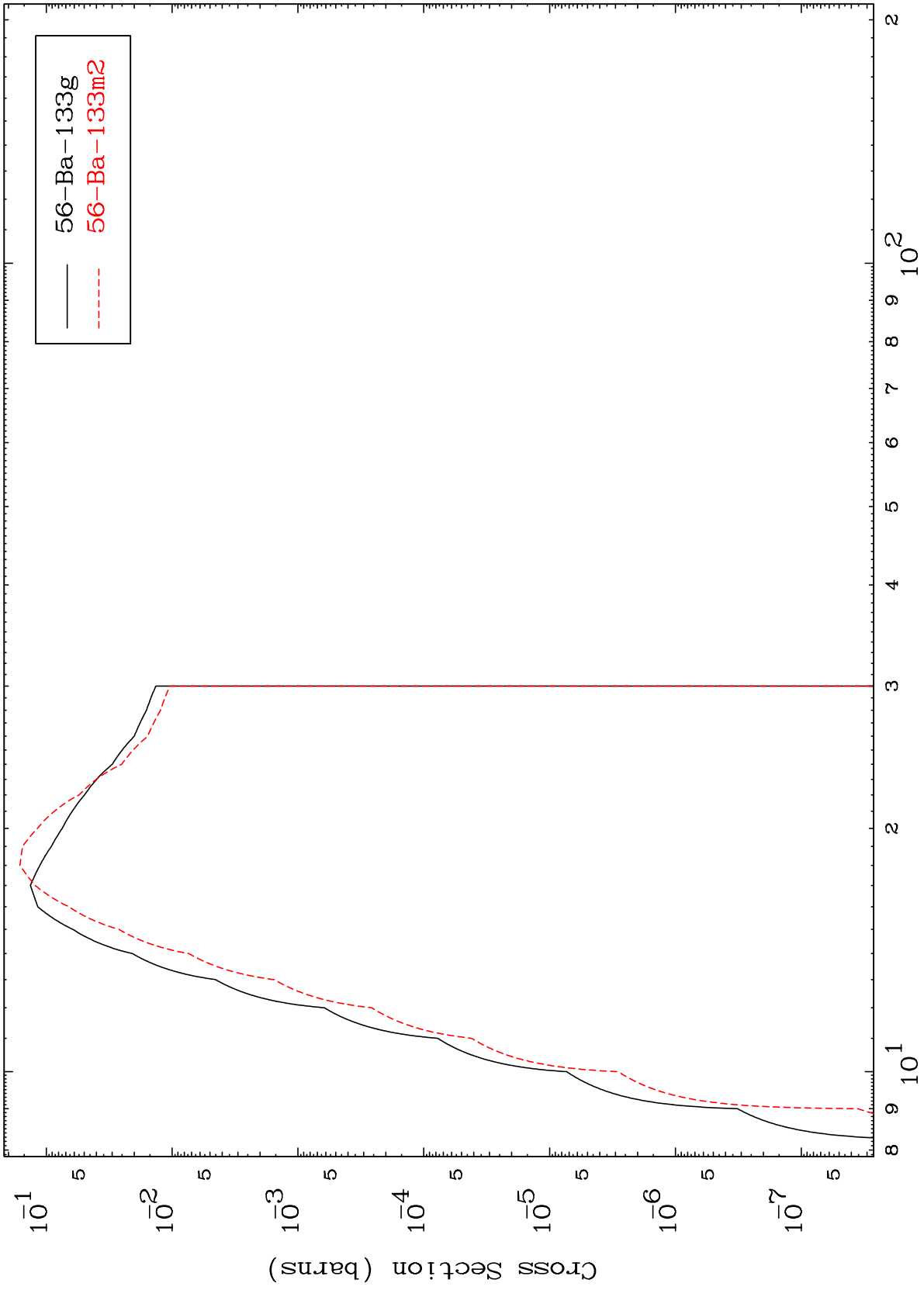
Incident Energy (MeV)

54-Xe-130

MAT 5443

Inelastic  
Radionuclide Production Cross Section

54-Xe-130



11

Incident Energy (MeV)

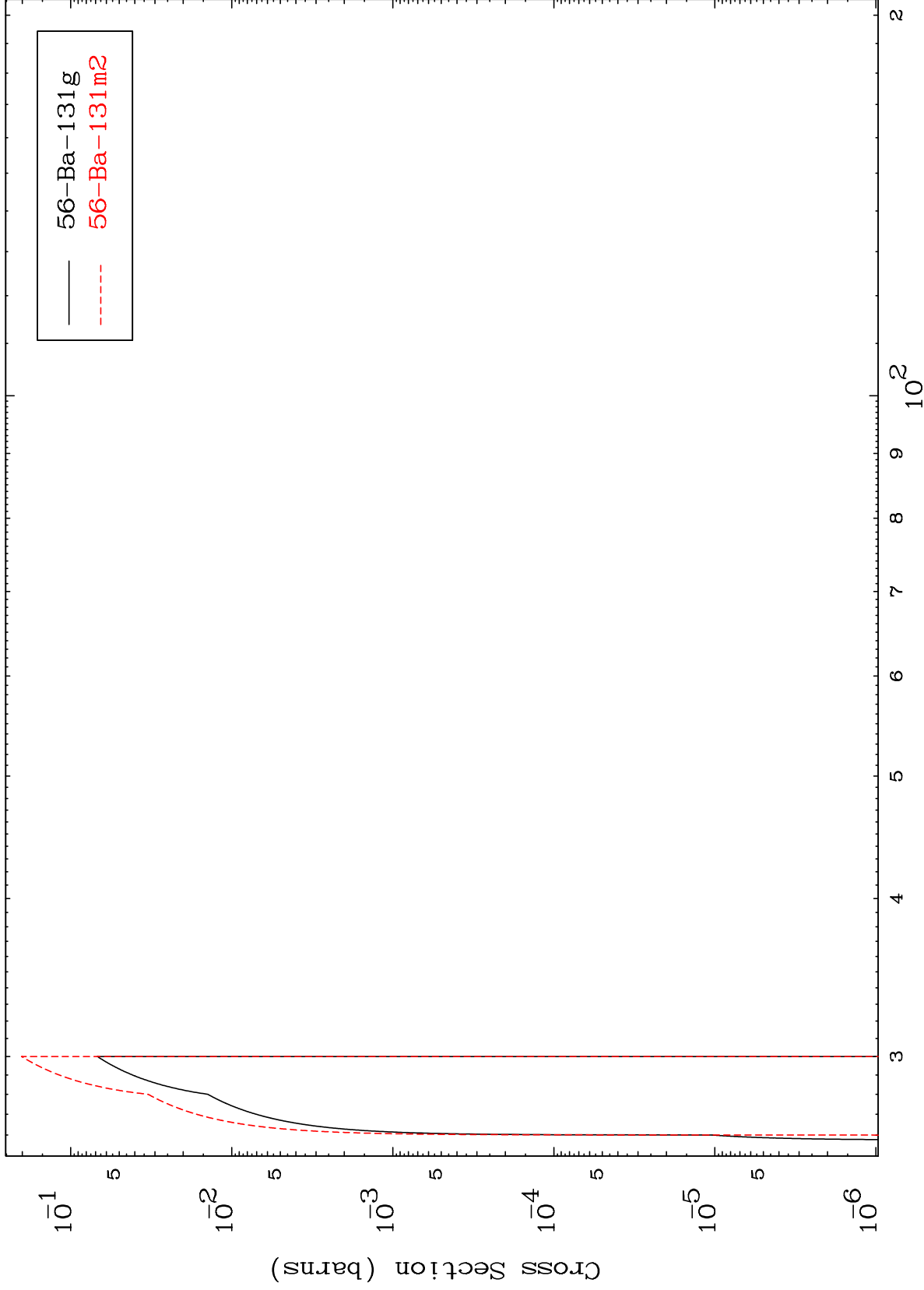
54-Xe-130

MAT 5443

(n,3n)

54-Xe-130

Radionuclide Production Cross Section



12

Incident Energy (MeV)

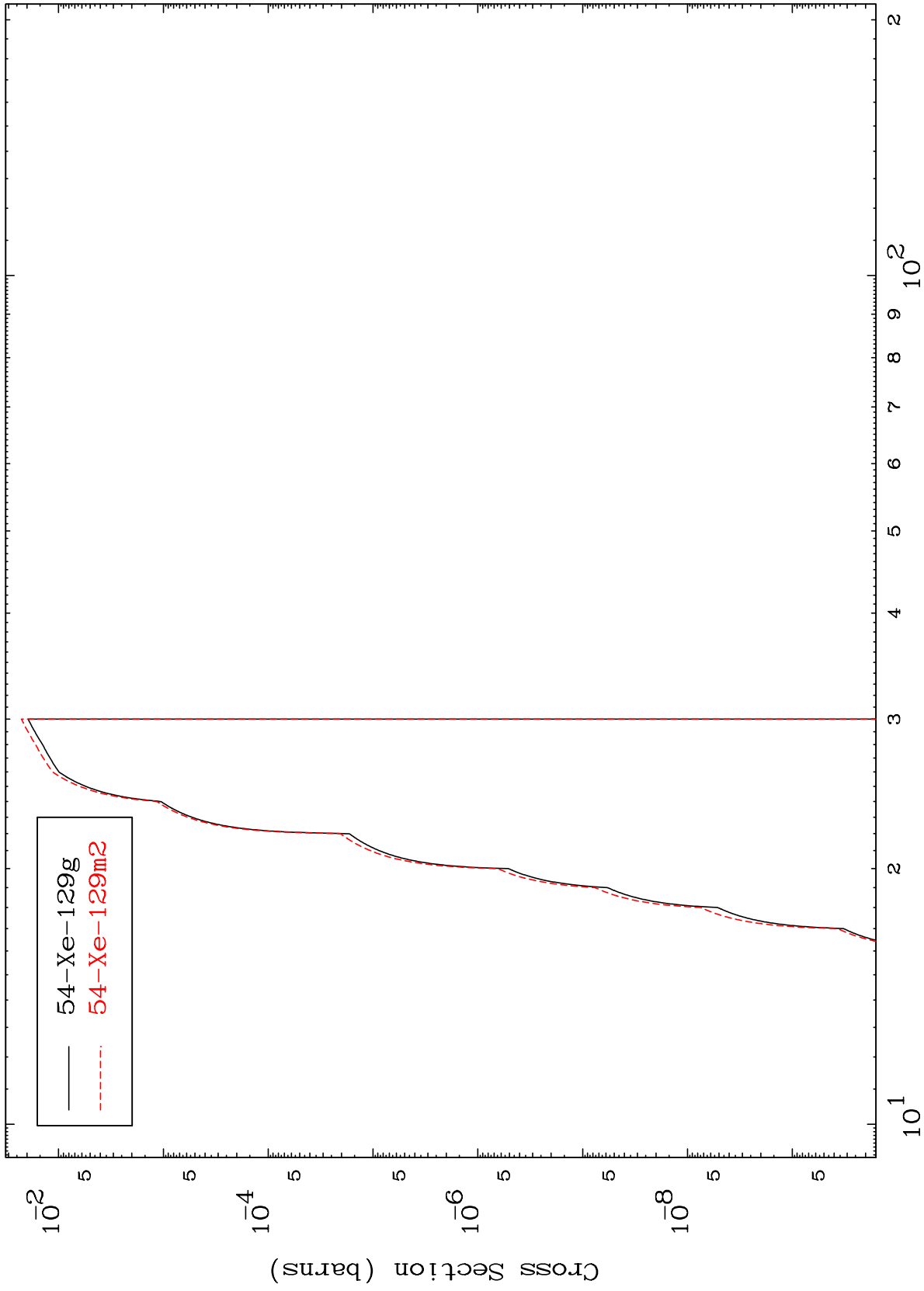
54-Xe-130

MAT 5443

(n,n')  $\alpha$

54-Xe-130

Radionuclide Production Cross Section



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

13

Incident Energy (MeV)

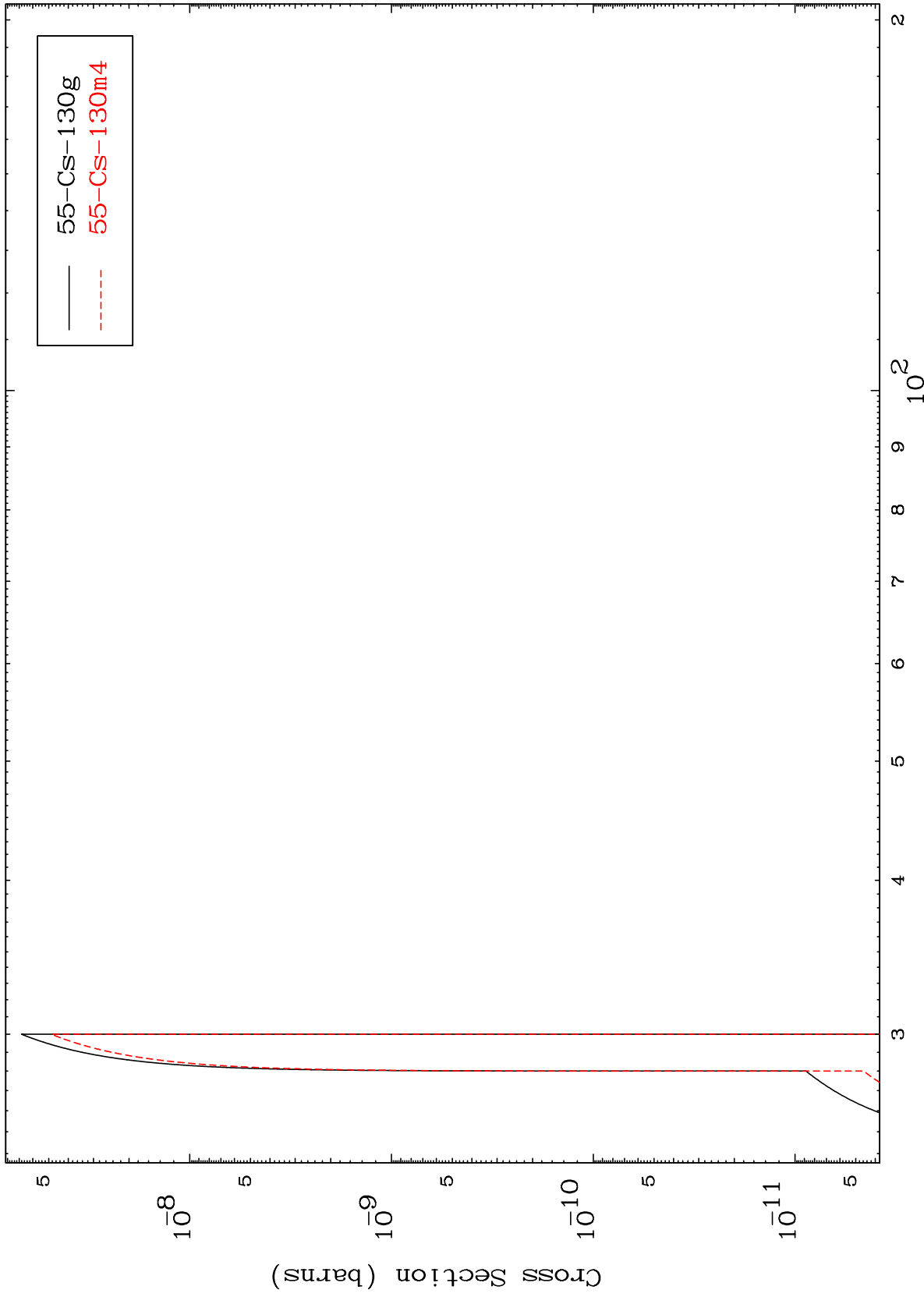
54-Xe-130

MAT 5443

(n,n') t

54-Xe-130

Radionuclide Production Cross Section



14

Incident Energy (MeV)

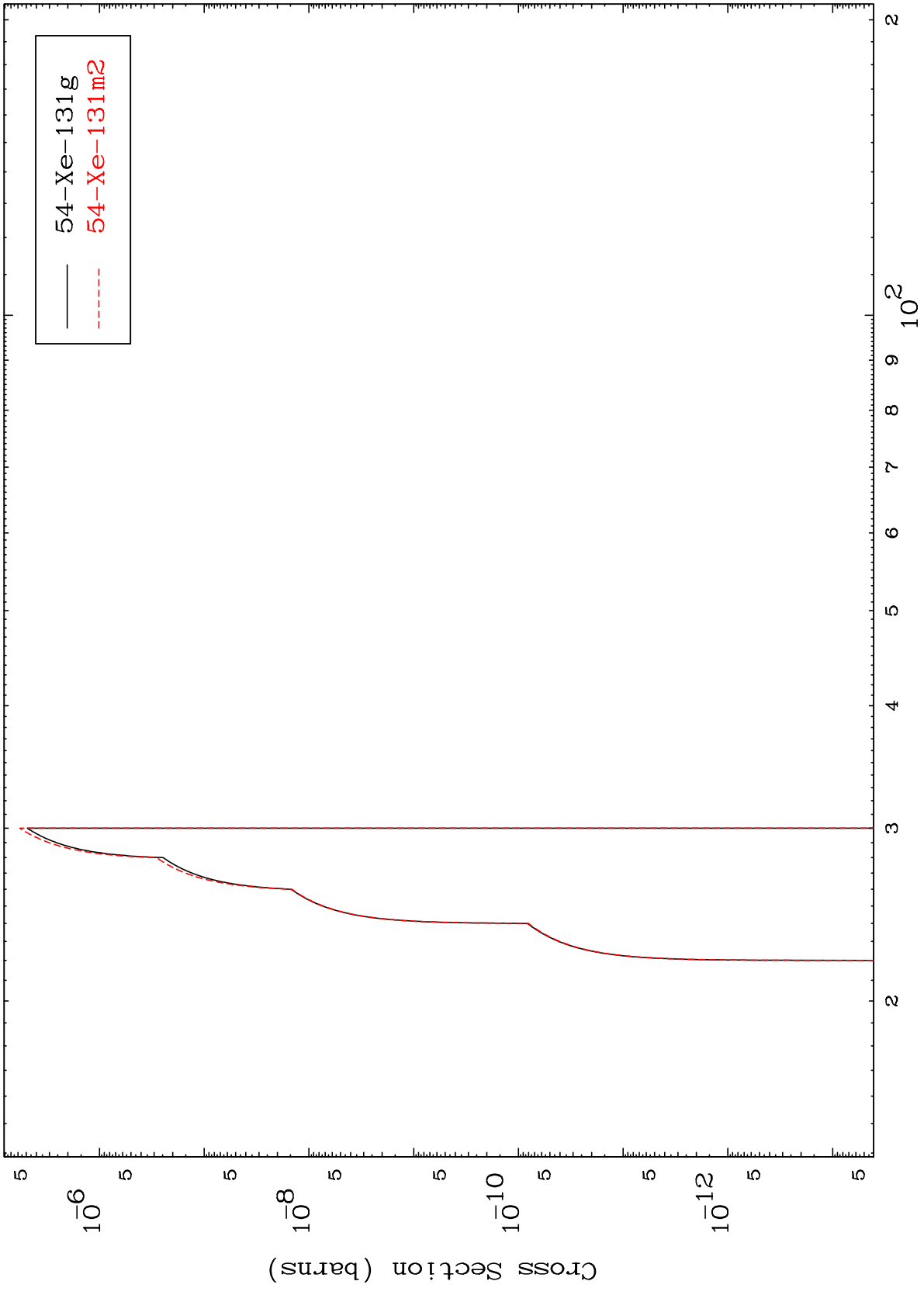
54-Xe-130

MAT 5443

(n, He-3)

54-Xe-130

Radionuclide Production Cross Section



15

Incident Energy (MeV)

54-Xe-130