

Program EVALPLOT
(Version 2021-1)

by

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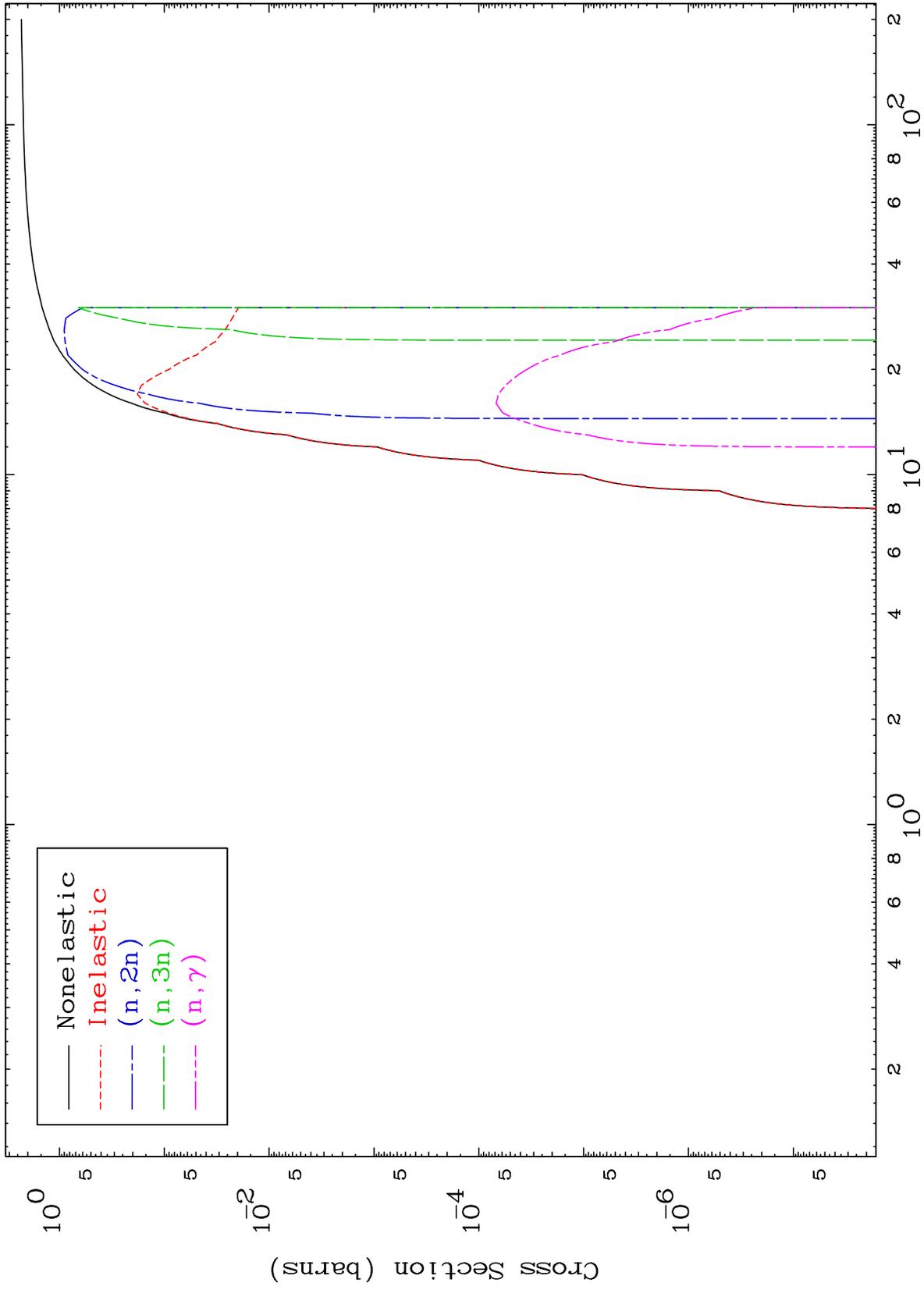
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5449

0 Kelvin α Major
Cross Sections

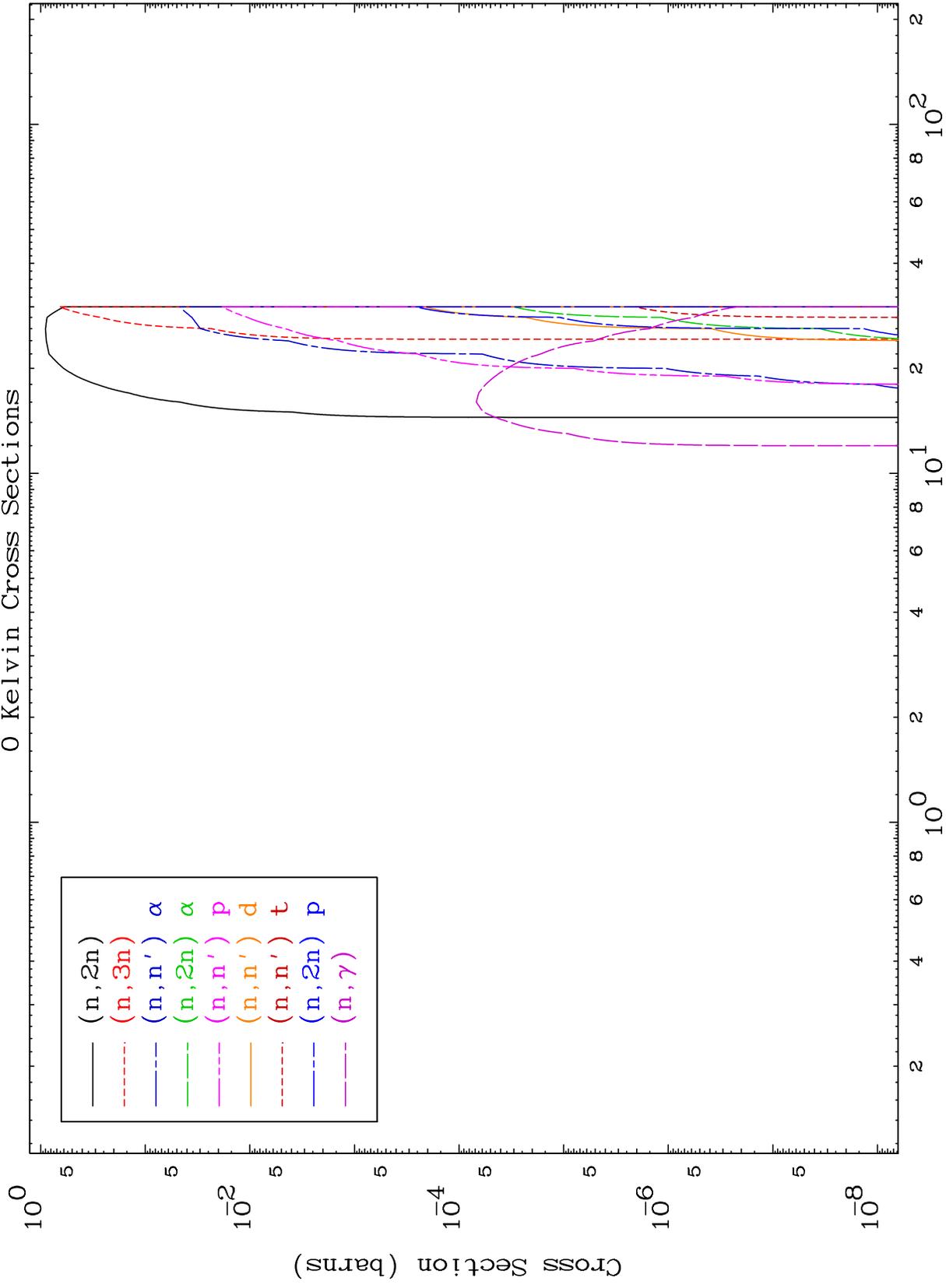
54-Xe-132



MAT 5449

α Neutron Absorption
0 Kelvin Cross Sections

54-Xe-132



2

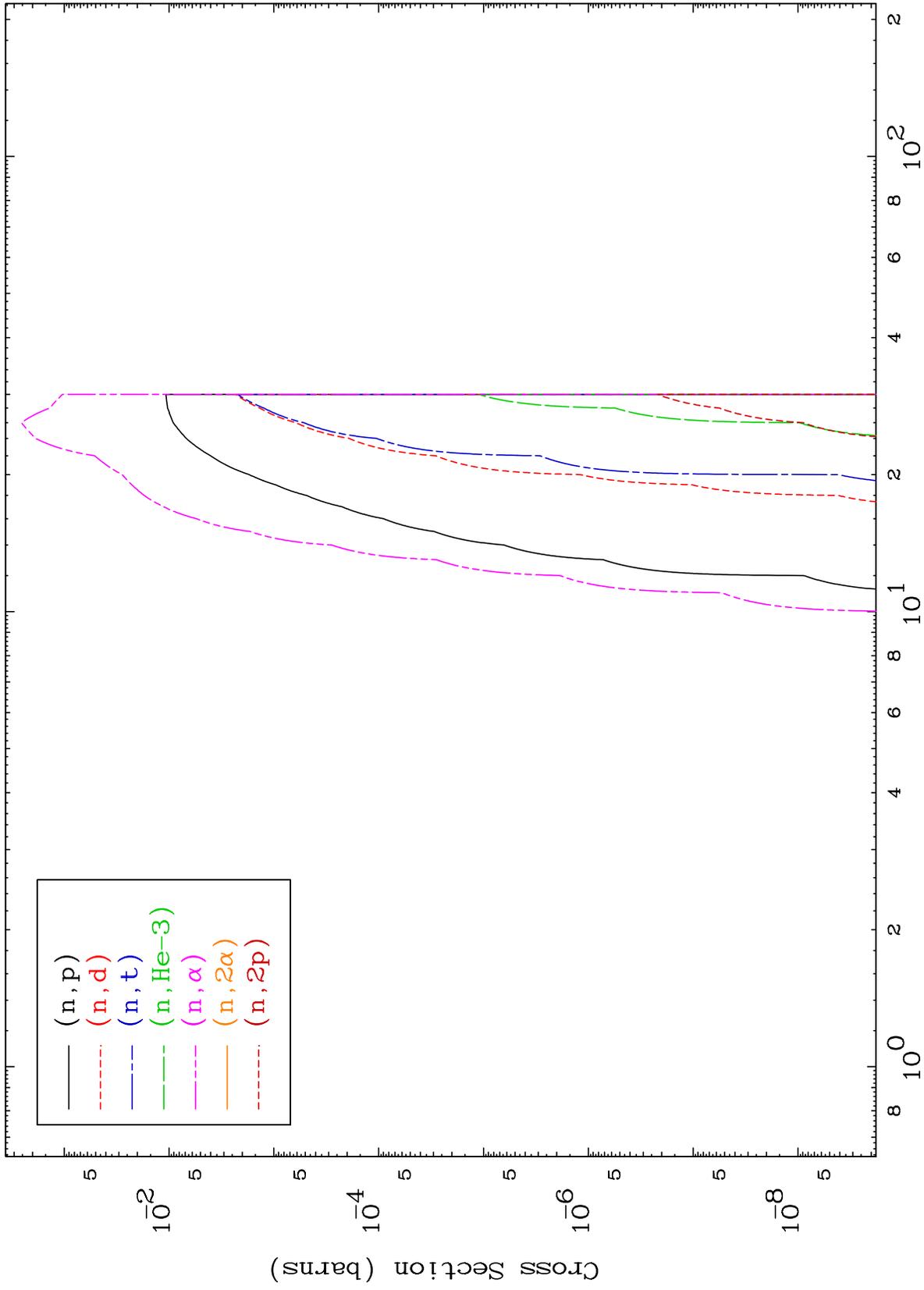
Incident Energy (MeV)

54-Xe-132

MAT 5449

α Neutron Absorption
0 Kelvin Cross Sections

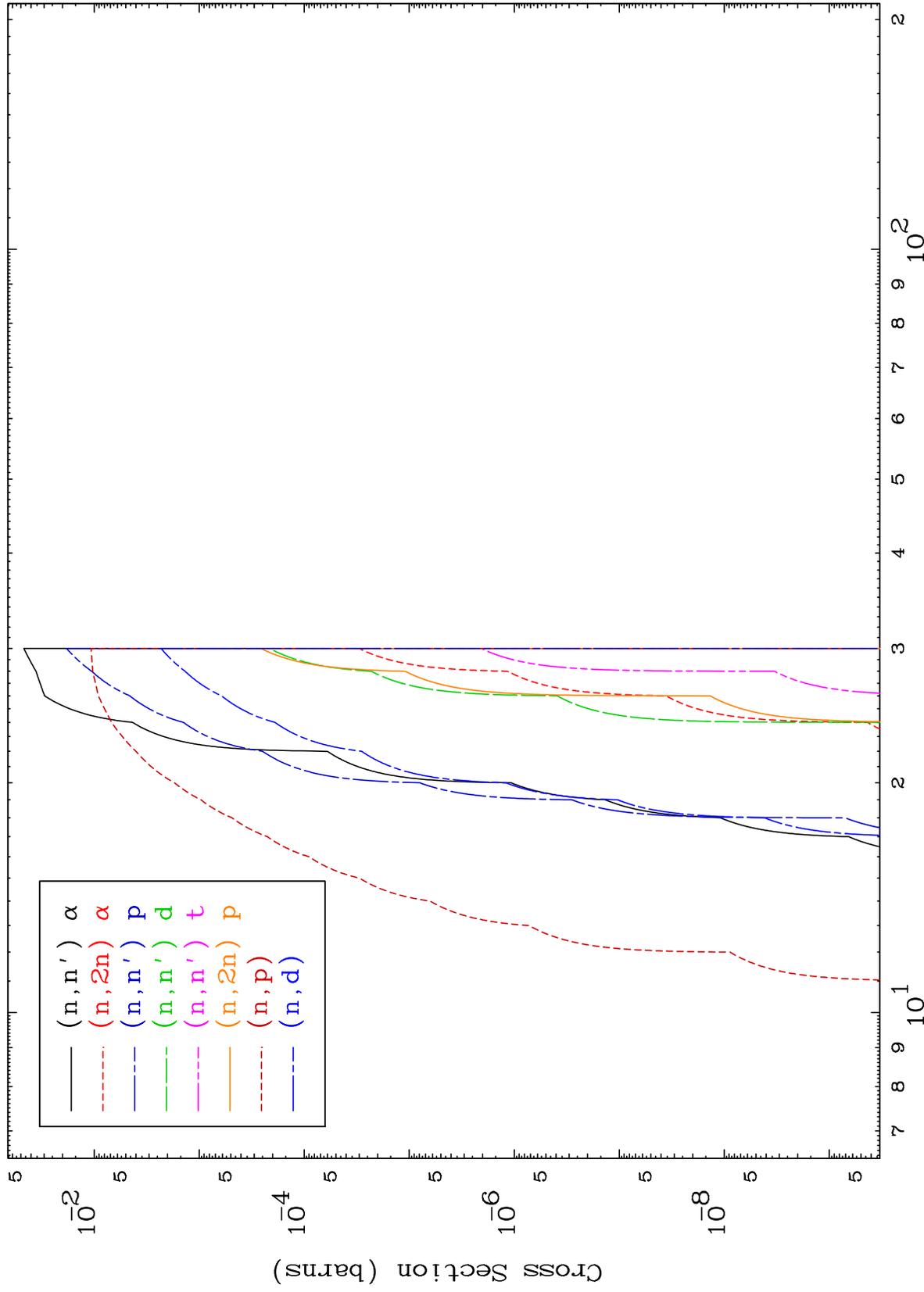
54-Xe-132

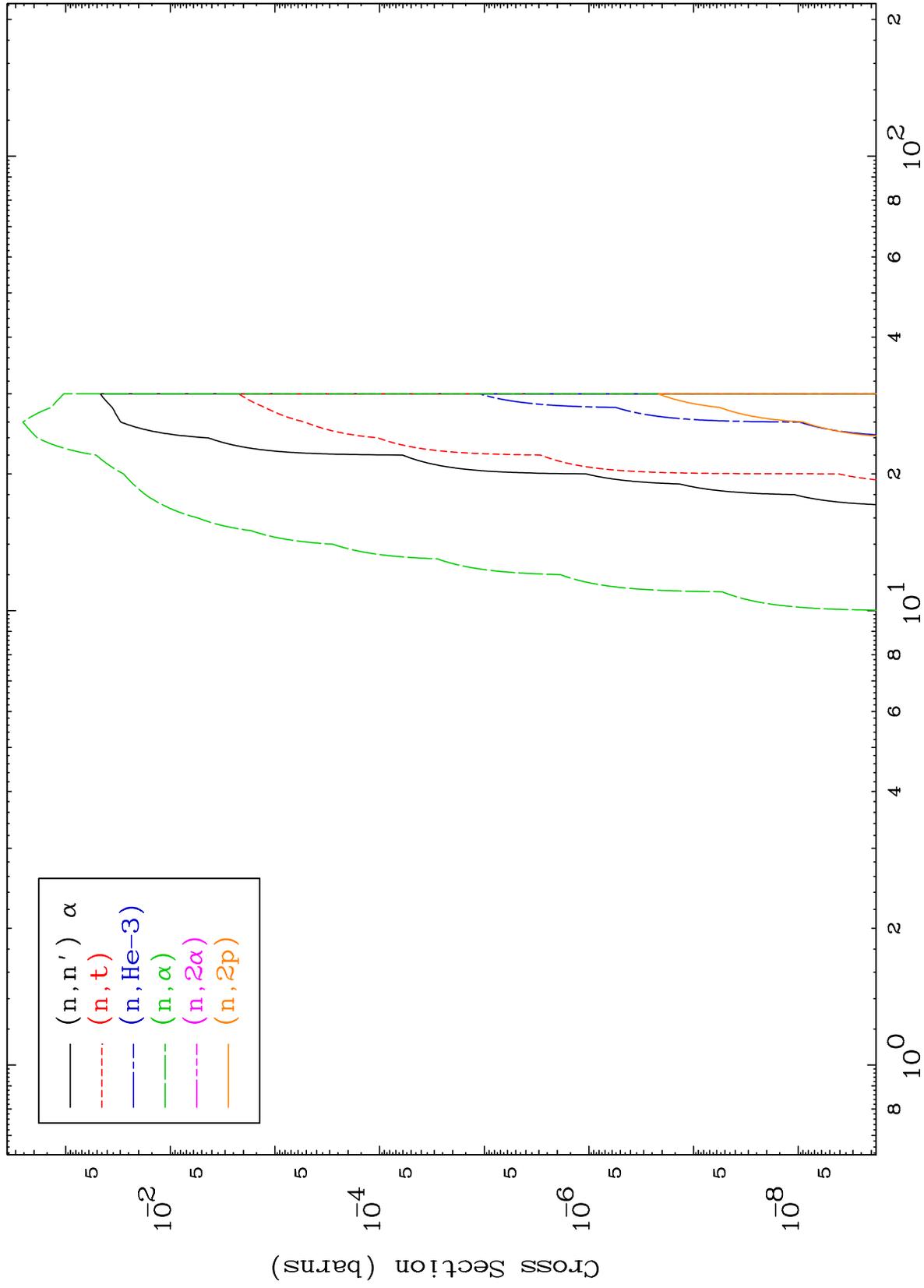


3

Incident Energy (MeV)

54-Xe-132

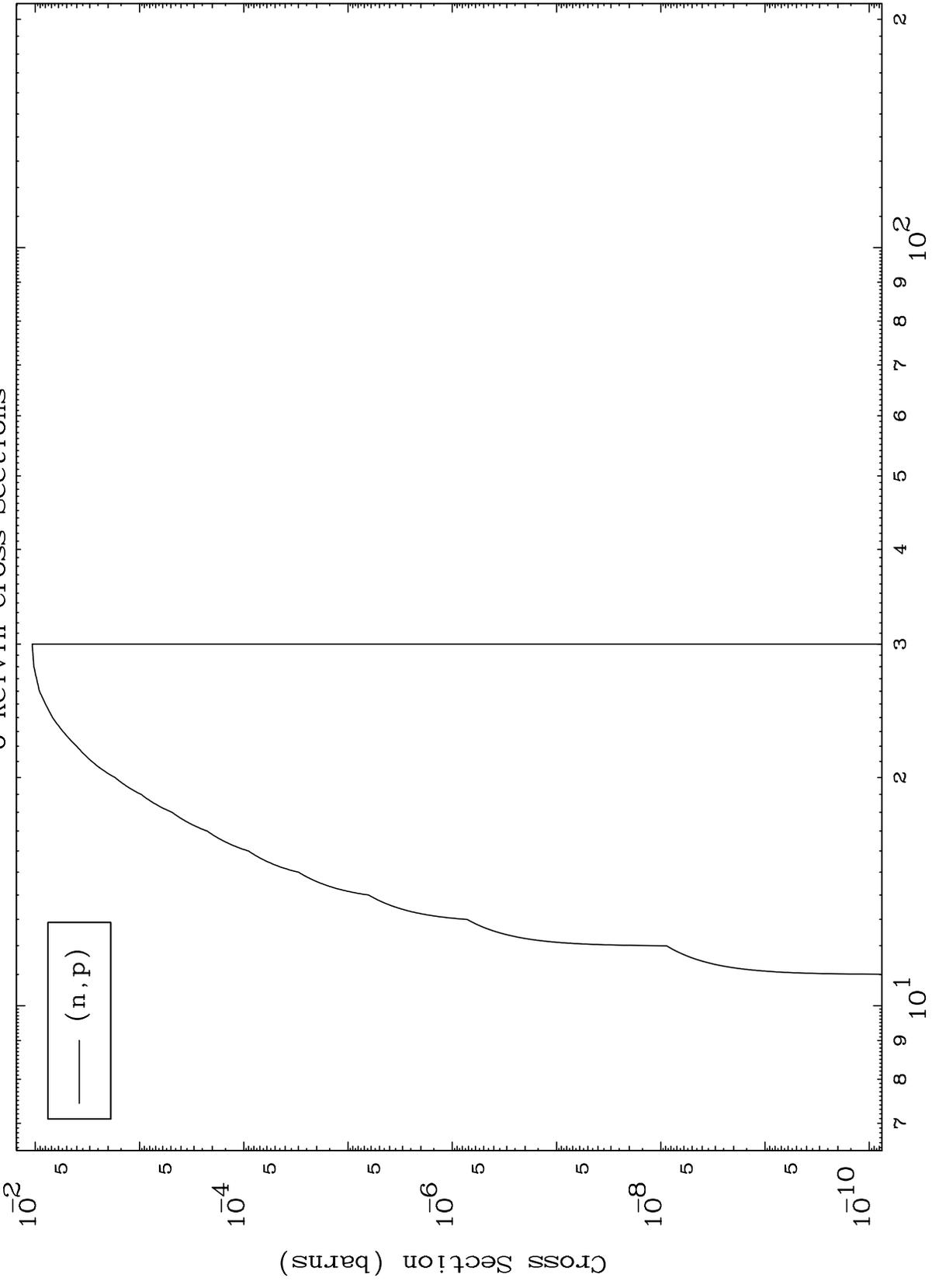




MAT 5449

(α, p) Levels
0 Kelvin Cross Sections

54-Xe-132



6

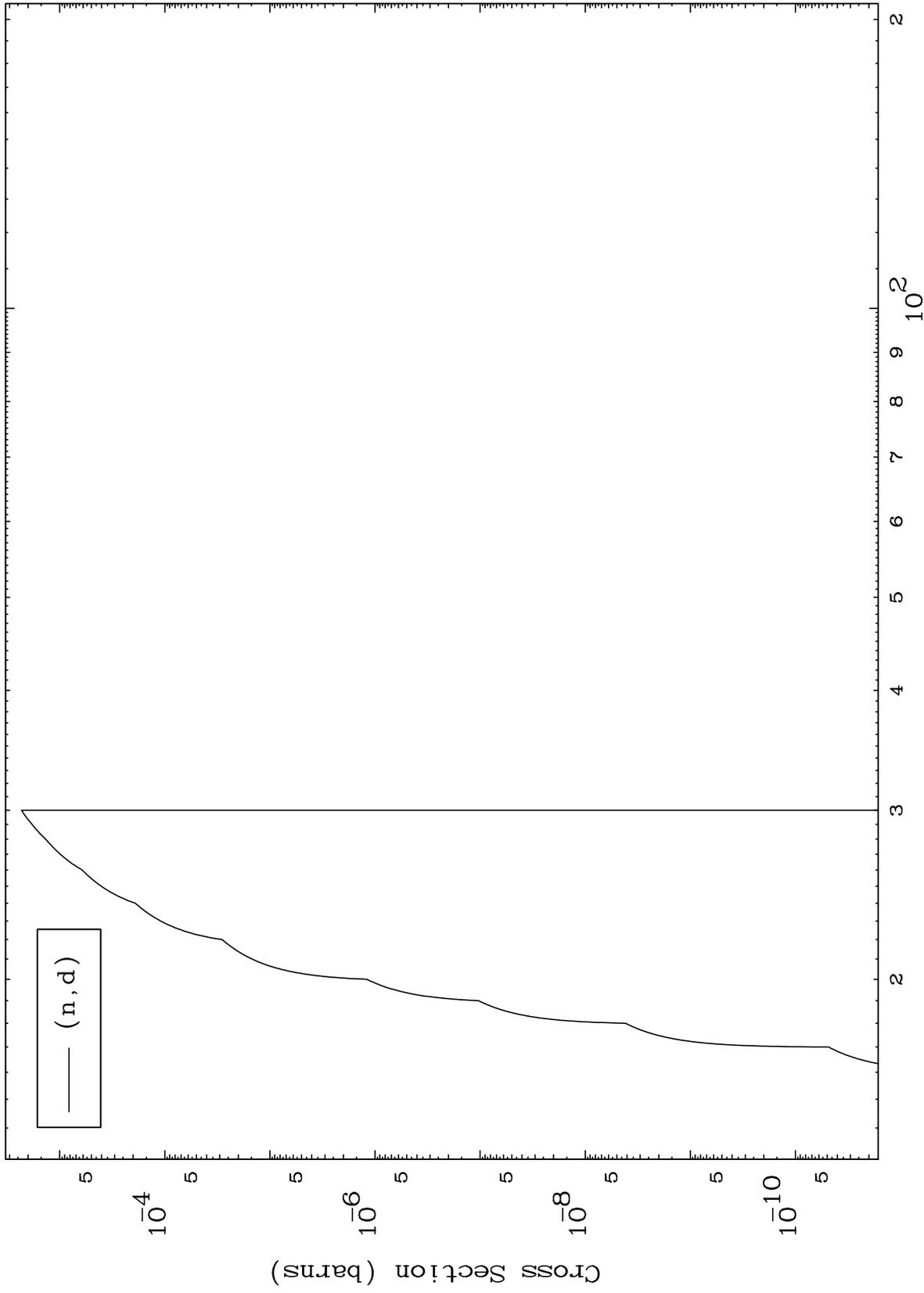
Incident Energy (MeV)

54-Xe-132

MAT 5449

(α, d) Levels
0 Kelvin Cross Sections

54-Xe-132



7

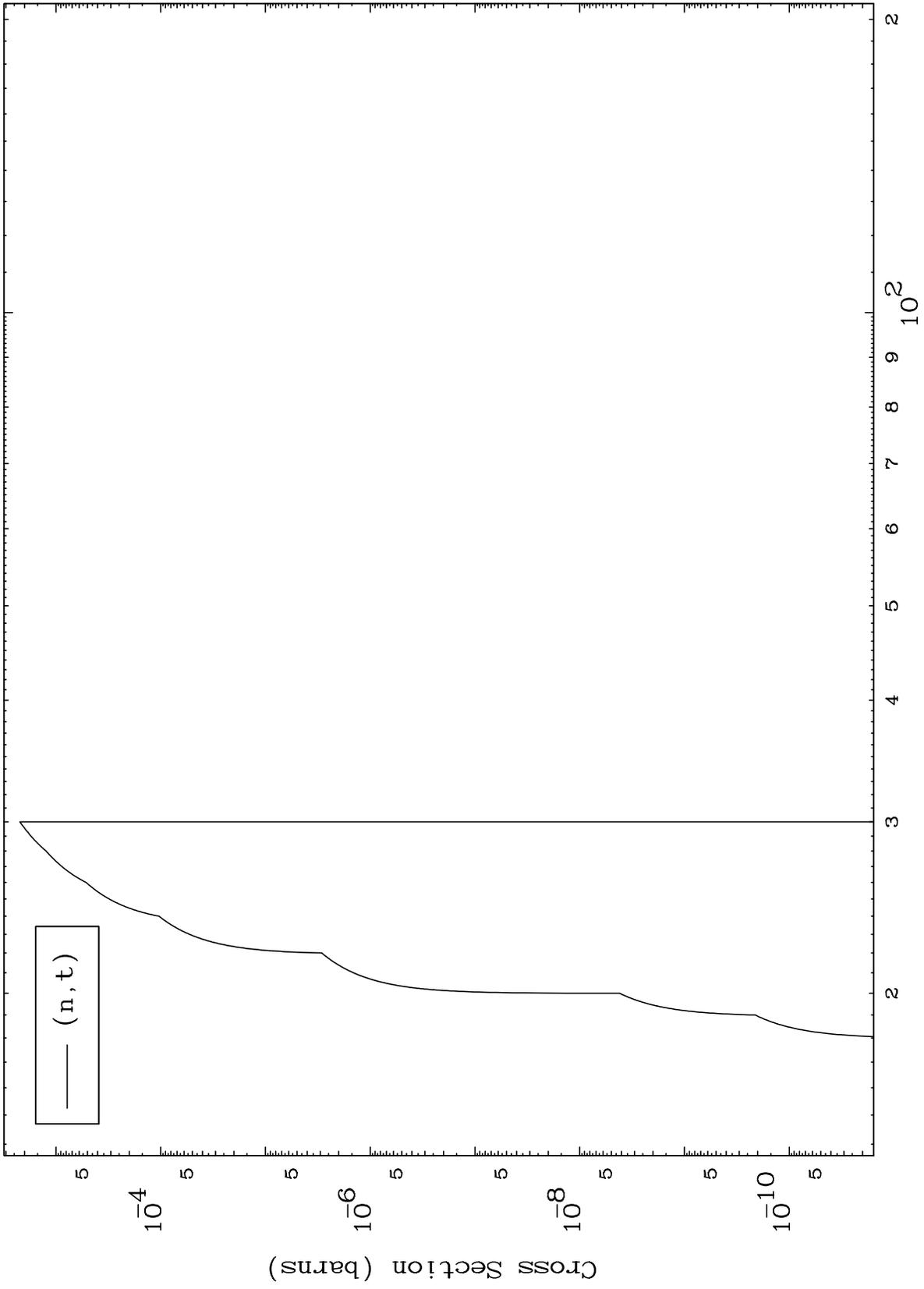
Incident Energy (MeV)

54-Xe-132

MAT 5449

(α, t) Levels
0 Kelvin Cross Sections

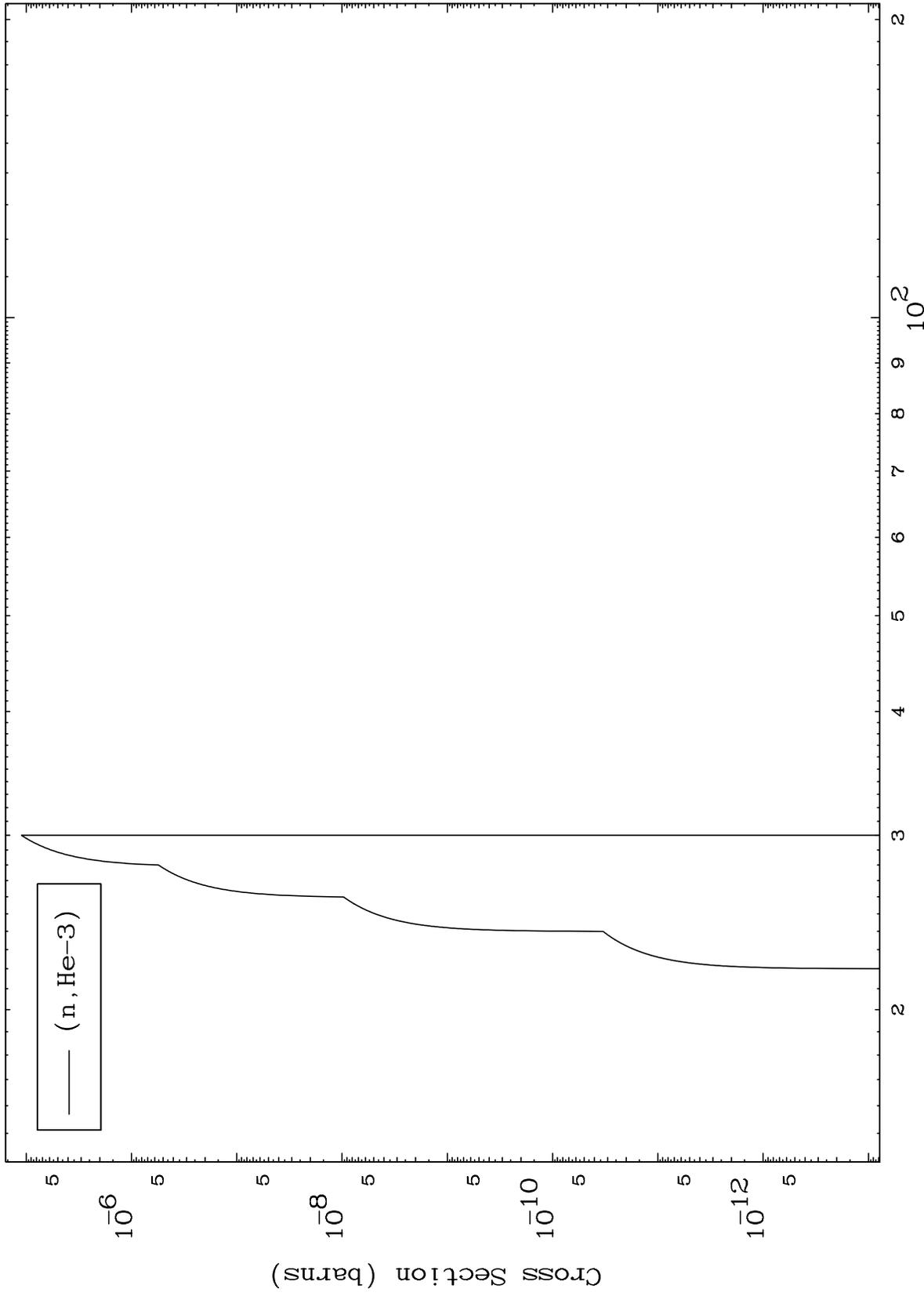
54-Xe-132



8

Incident Energy (MeV)

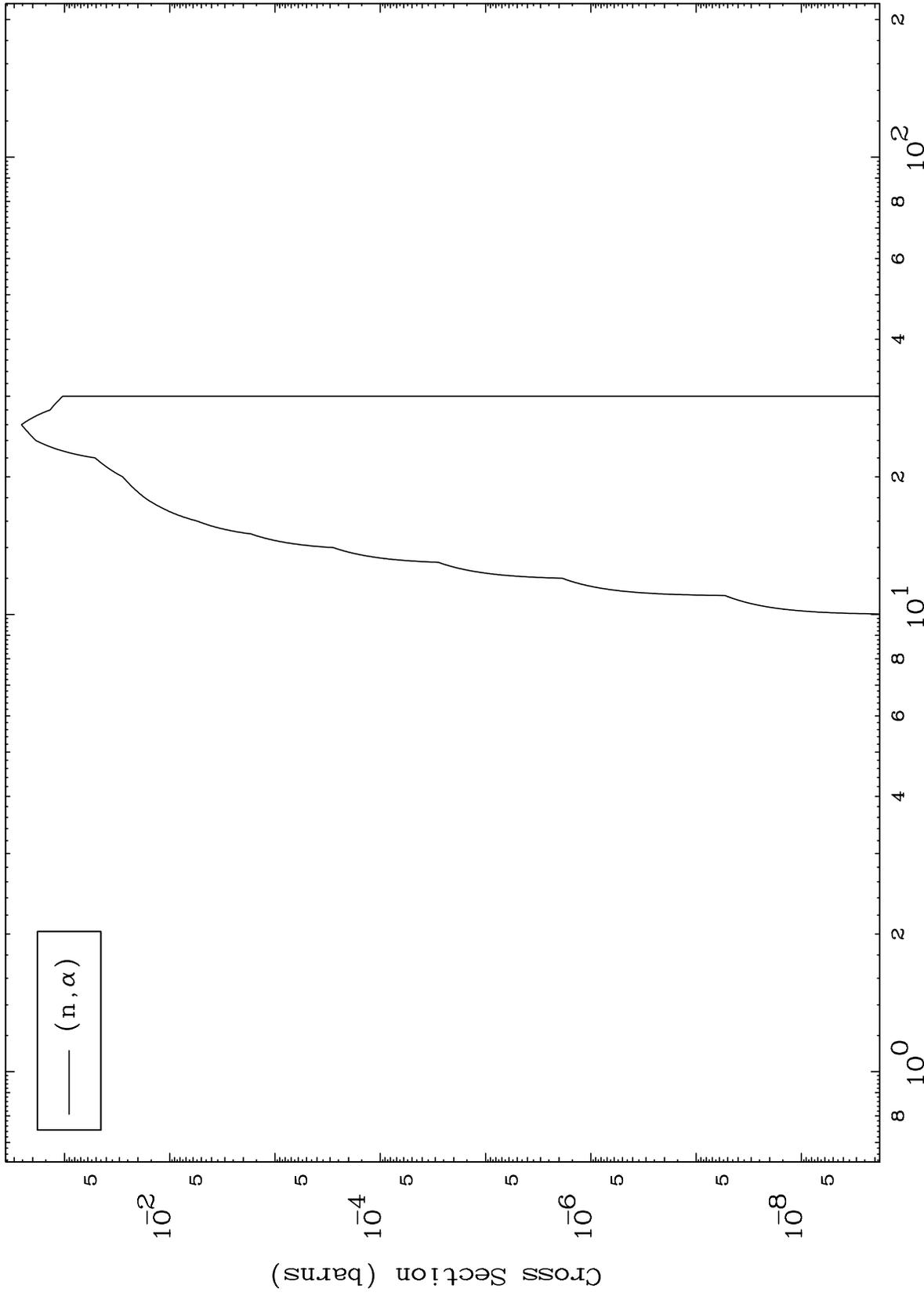
54-Xe-132



MAT 5449

(α, α) Levels
0 Kelvin Cross Sections

54-Xe-132



10

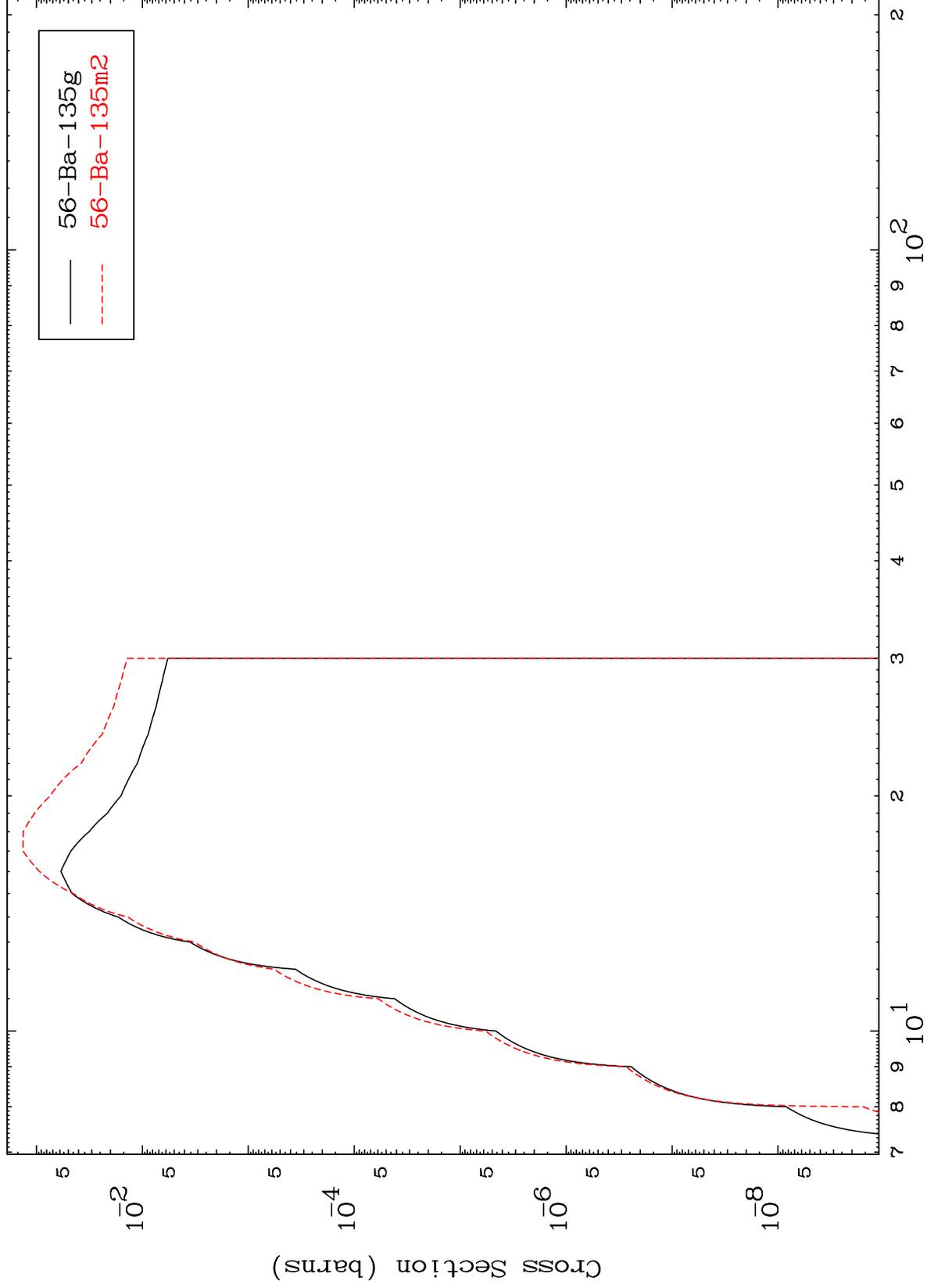
Incident Energy (MeV)

54-Xe-132

MAT 5449

Inelastic
Radionuclide Production Cross Section

54-Xe-132



11

Incident Energy (MeV)

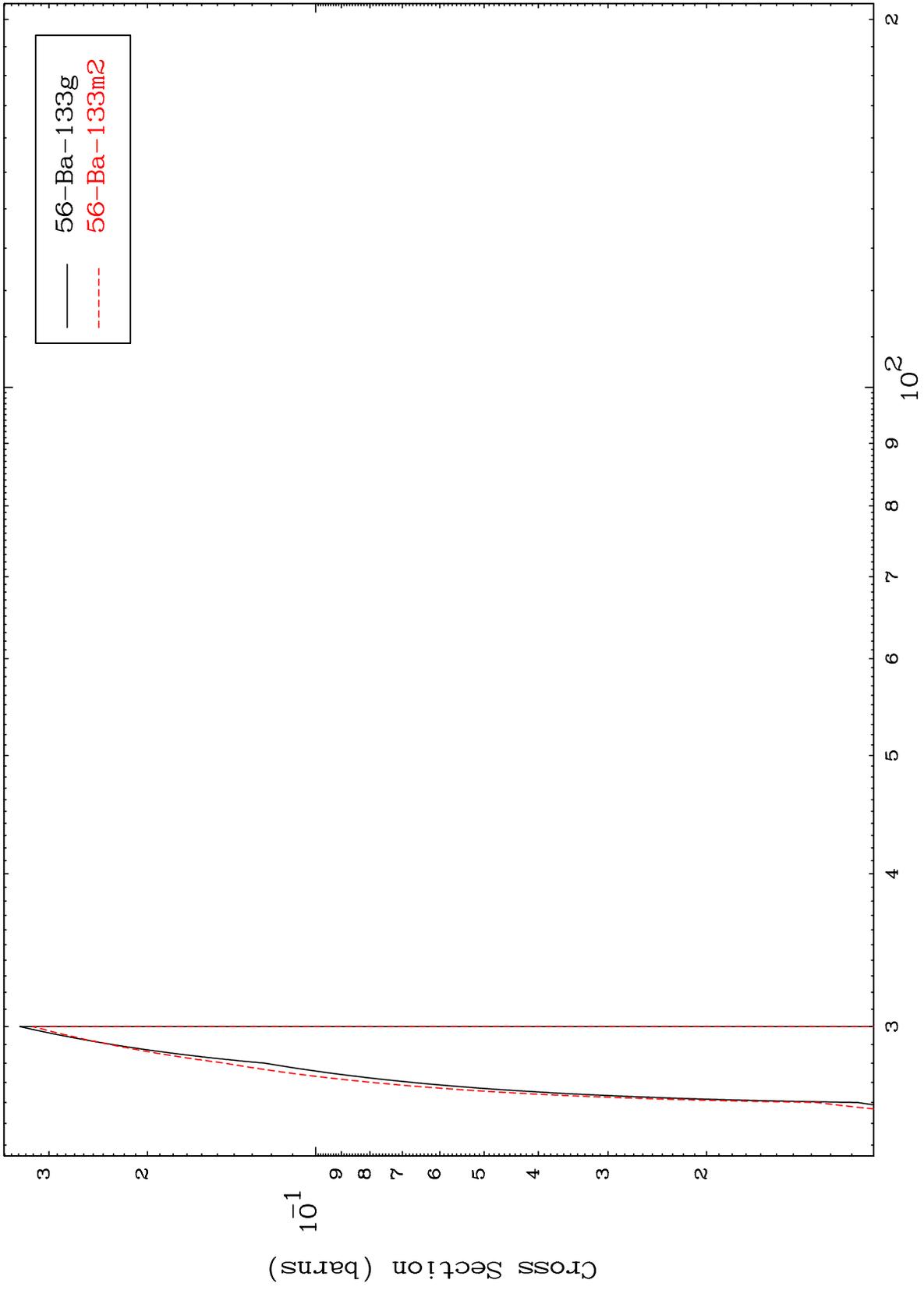
54-Xe-132

MAT 5449

(n,3n)

54-Xe-132

Radionuclide Production Cross Section



12

Incident Energy (MeV)

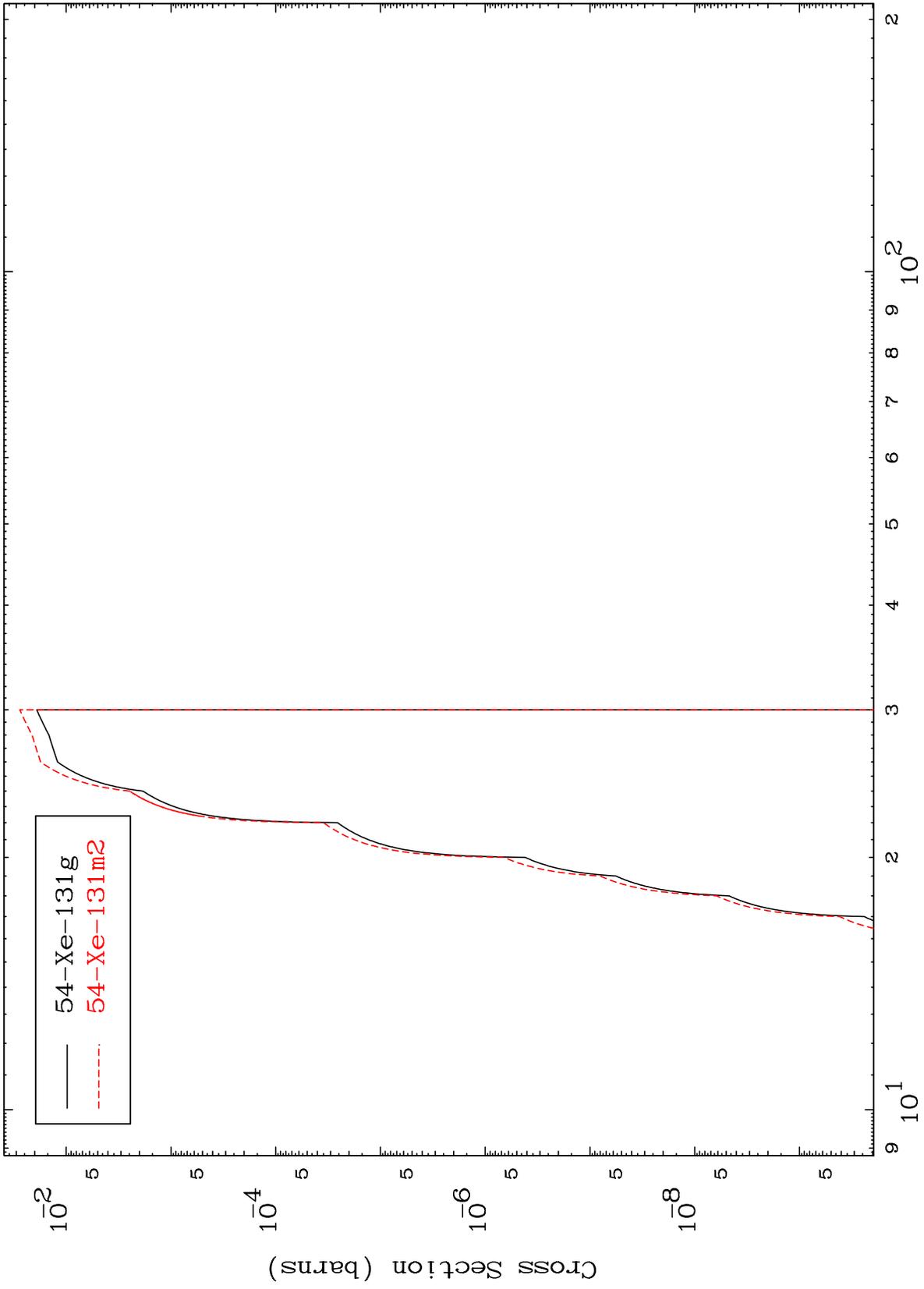
54-Xe-132

MAT 5449

(n,n') α

54-Xe-132

Radionuclide Production Cross Section



54-Xe-131g
54-Xe-131m2

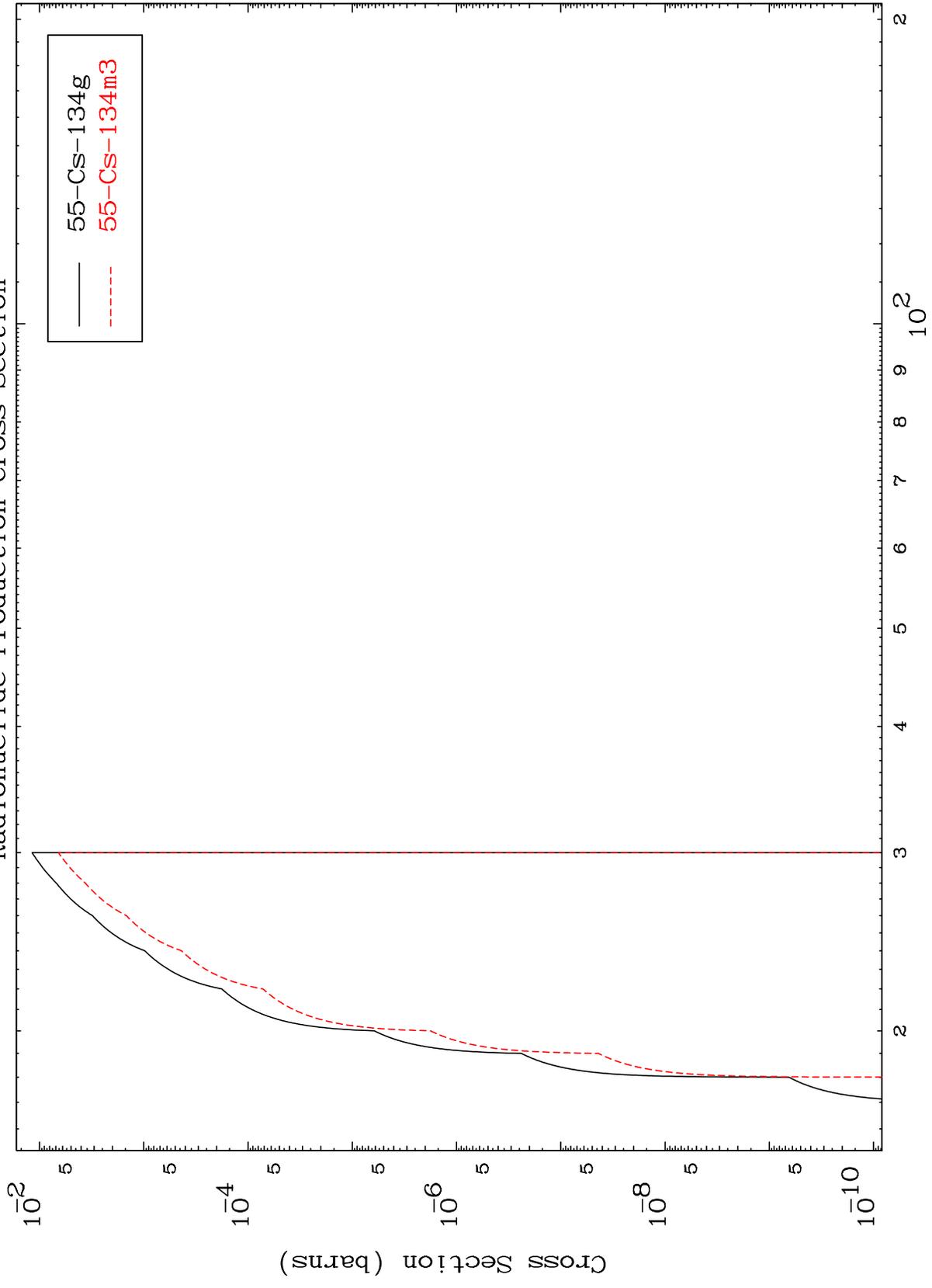
13

MAT 5449

(n,n') p

54-Xe-132

Radionuclide Production Cross Section



14

Incident Energy (MeV)

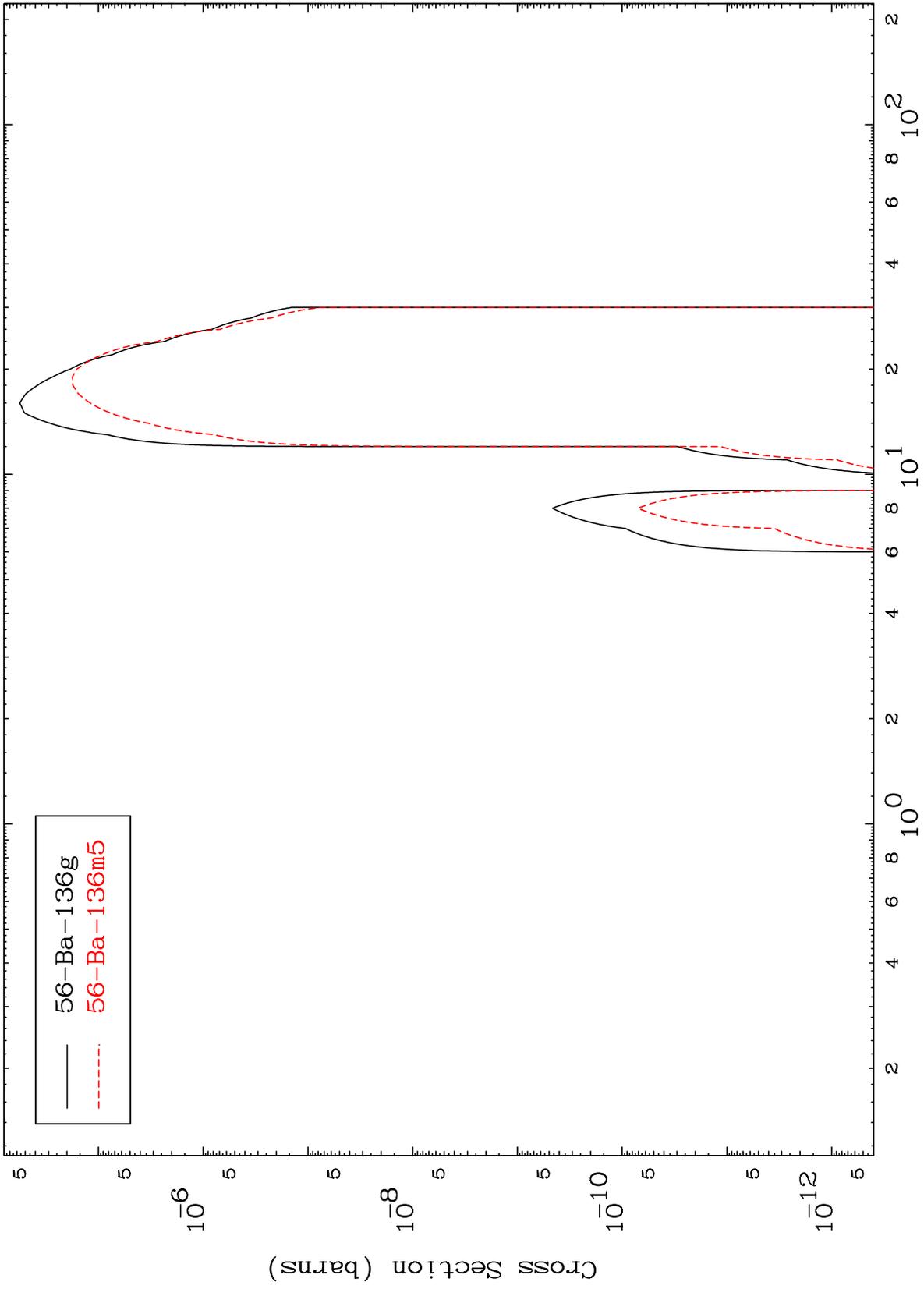
54-Xe-132

MAT 5449

(n, γ)

54-Xe-132

Radionuclide Production Cross Section



15

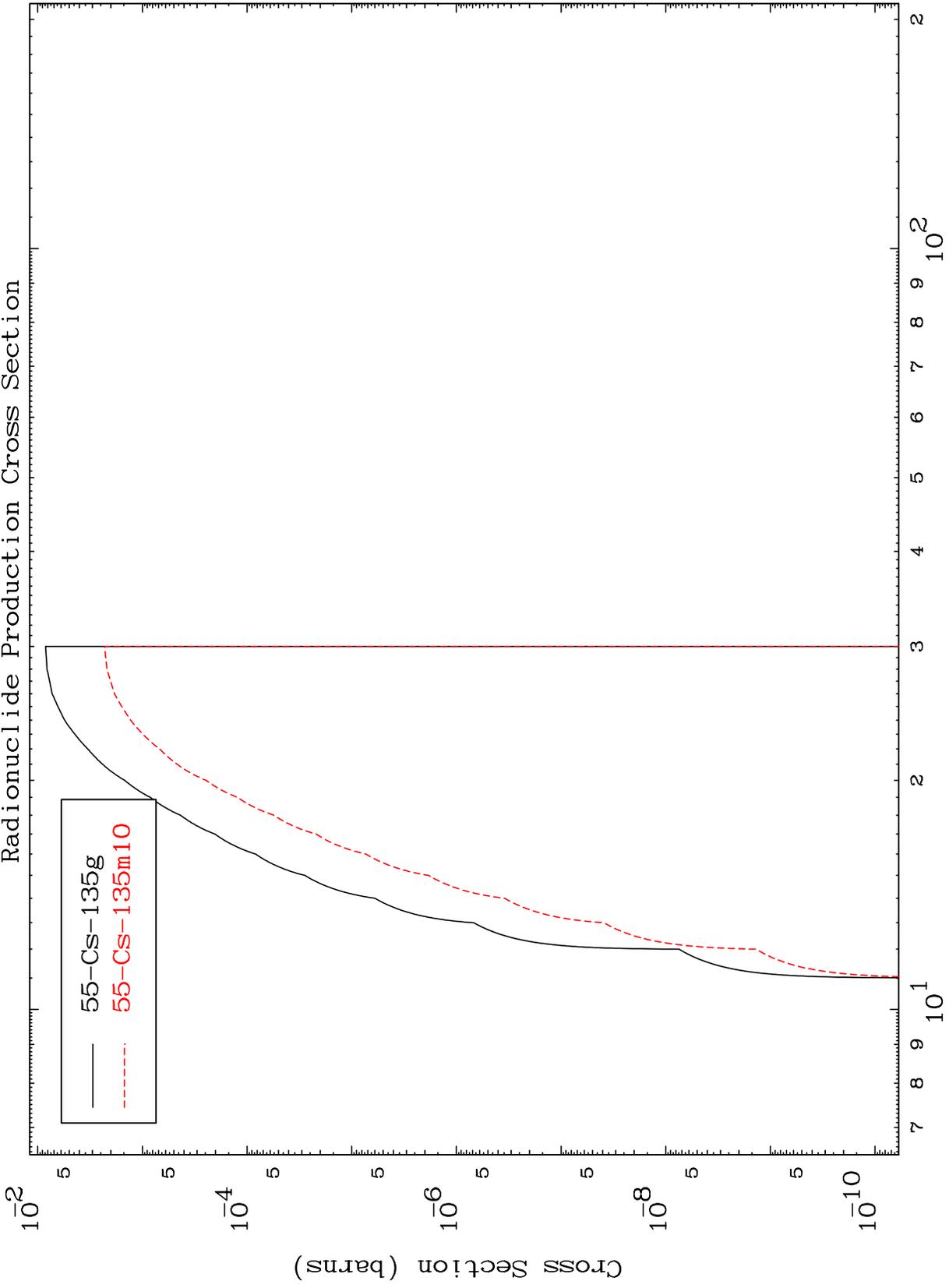
Incident Energy (MeV)

54-Xe-132

MAT 5449

54-Xe-132

Radionuclide Production Cross Section (n,p)



16

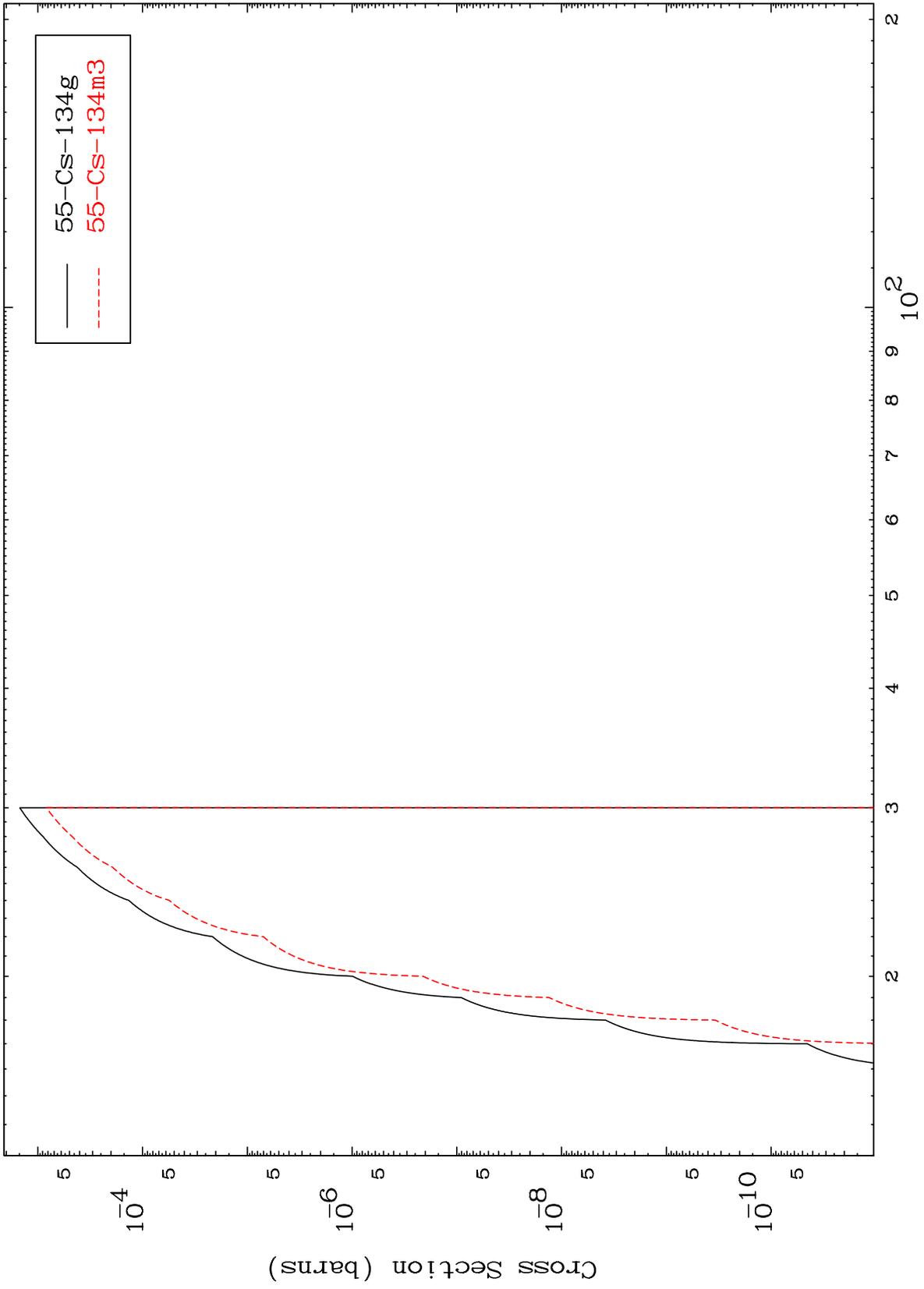
Incident Energy (MeV)

54-Xe-132

MAT 5449

54-Xe-132

(n,d)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

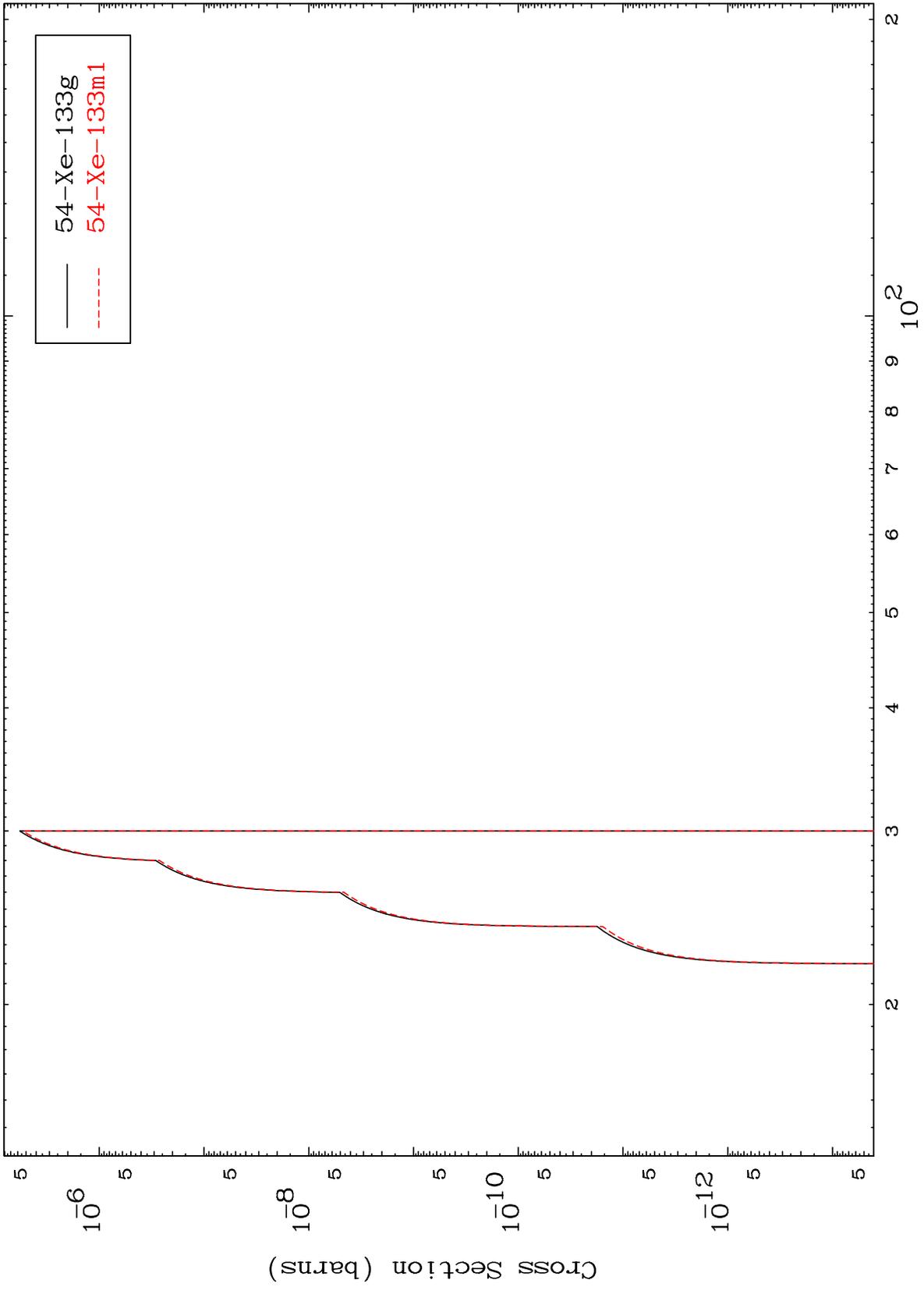
54-Xe-132

MAT 5449

(n, He-3)

54-Xe-132

Radionuclide Production Cross Section



18

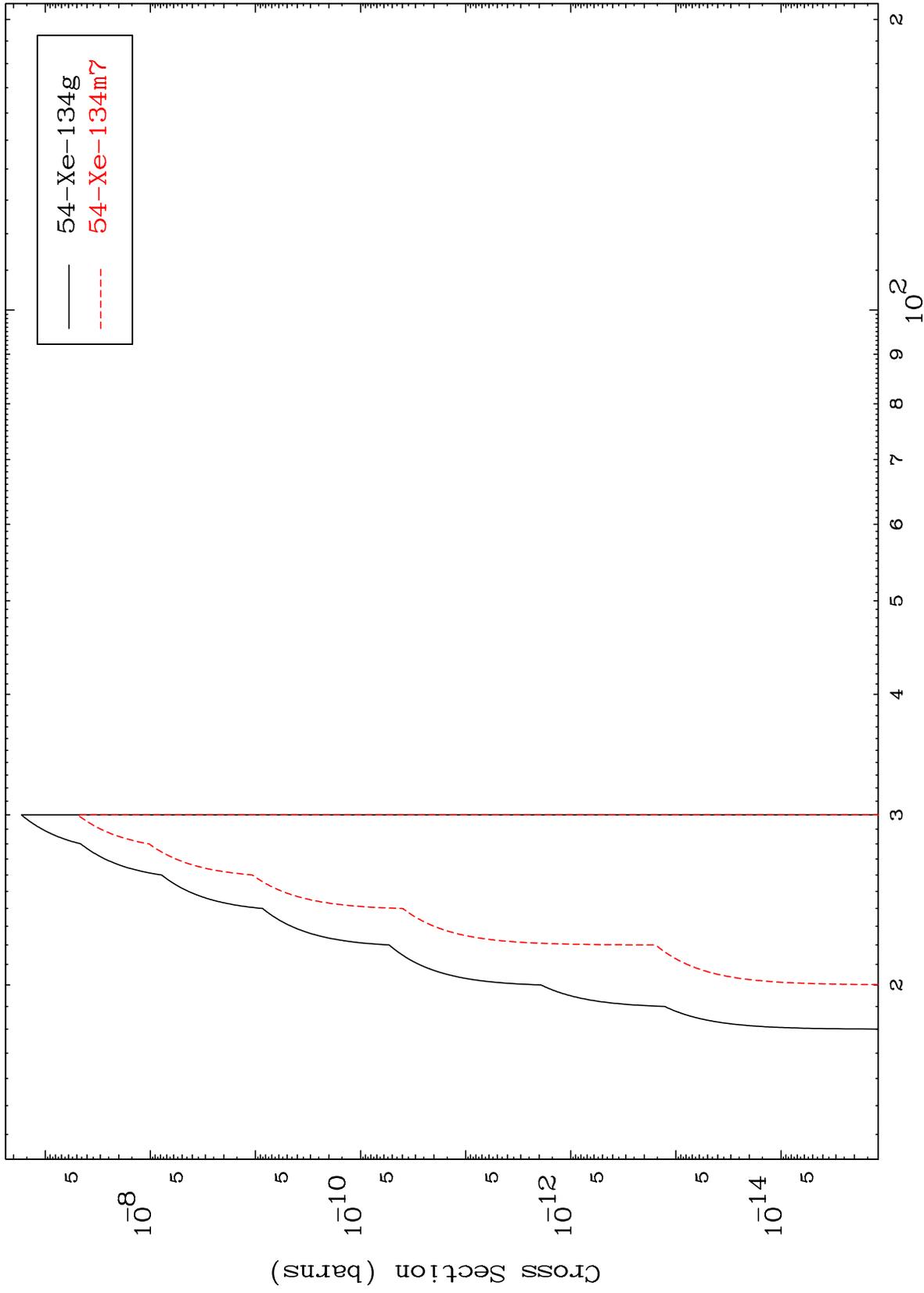
Incident Energy (MeV)

54-Xe-132

MAT 5449

54-Xe-132

(n,2p)
Radionuclide Production Cross Section



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54-Xe-132