

Program EVALPLOT
(Version 2021-1)

by

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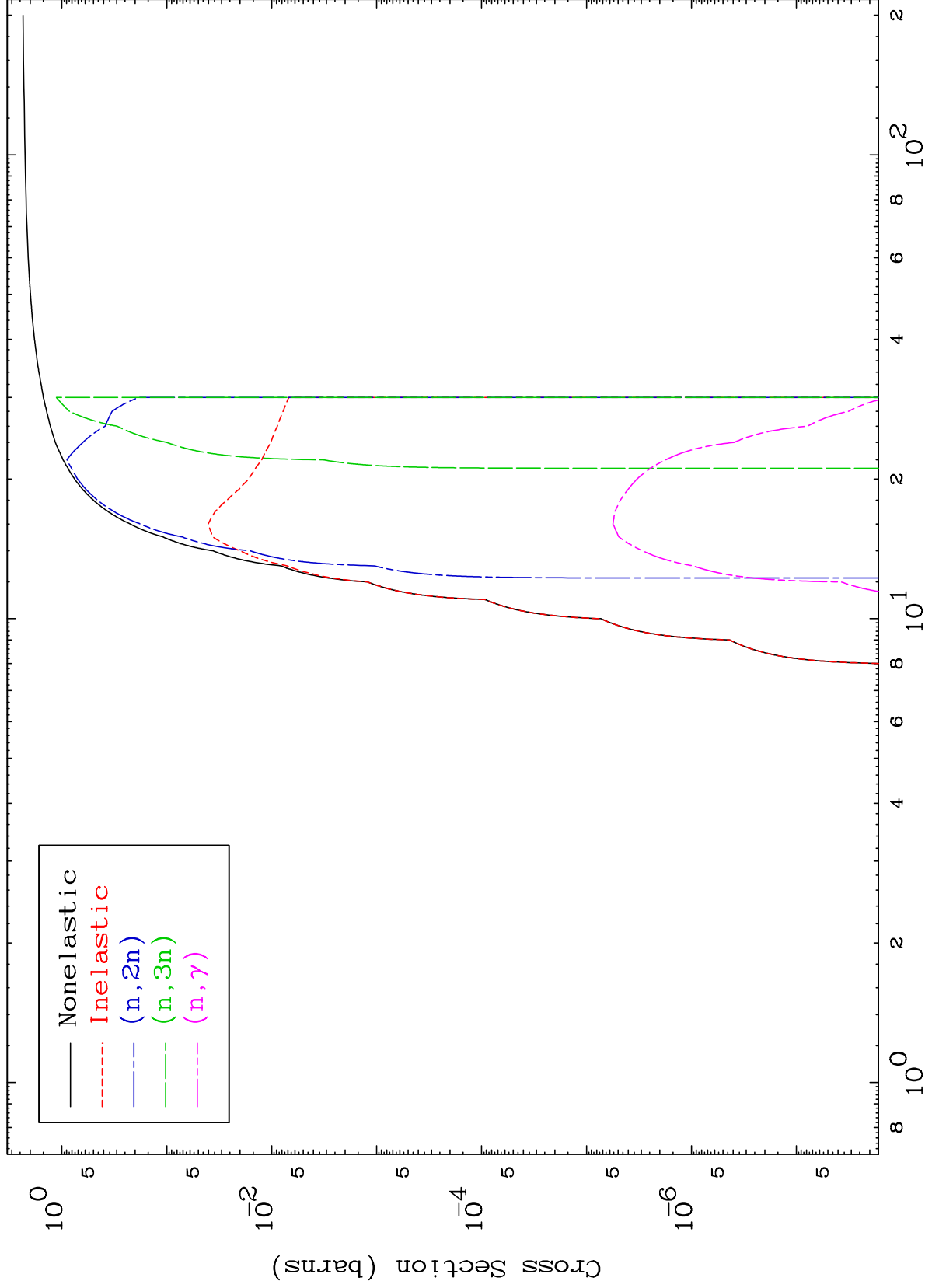
Press Mouse Button to Start

MAT 5461

0 Kelvin

α Major Cross Sections

54-Xe-136



1

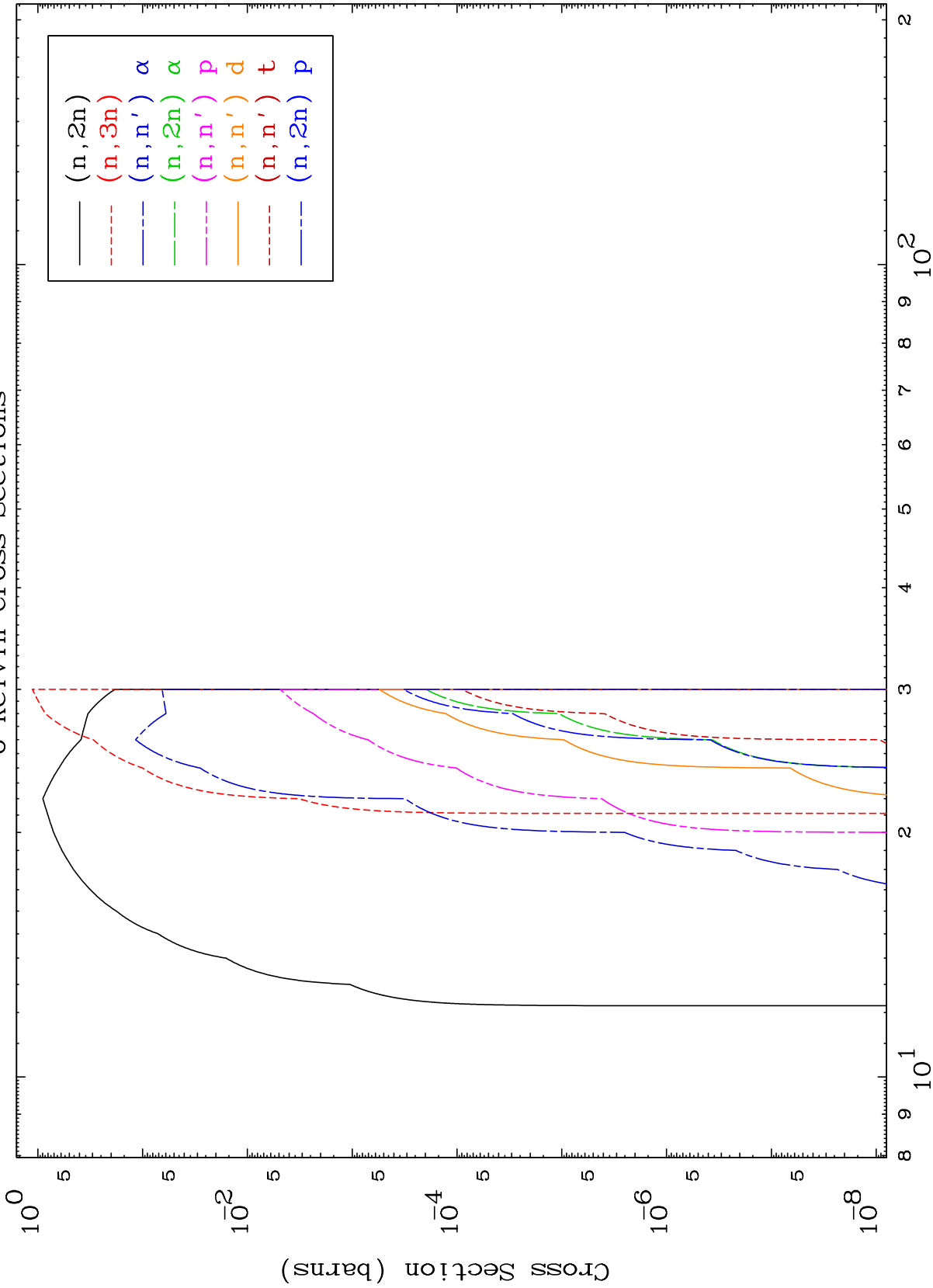
Incident Energy (MeV)

54-Xe-136

MAT 5461

α Neutron Absorption
0 Kelvin Cross Sections

54-Xe-136



2

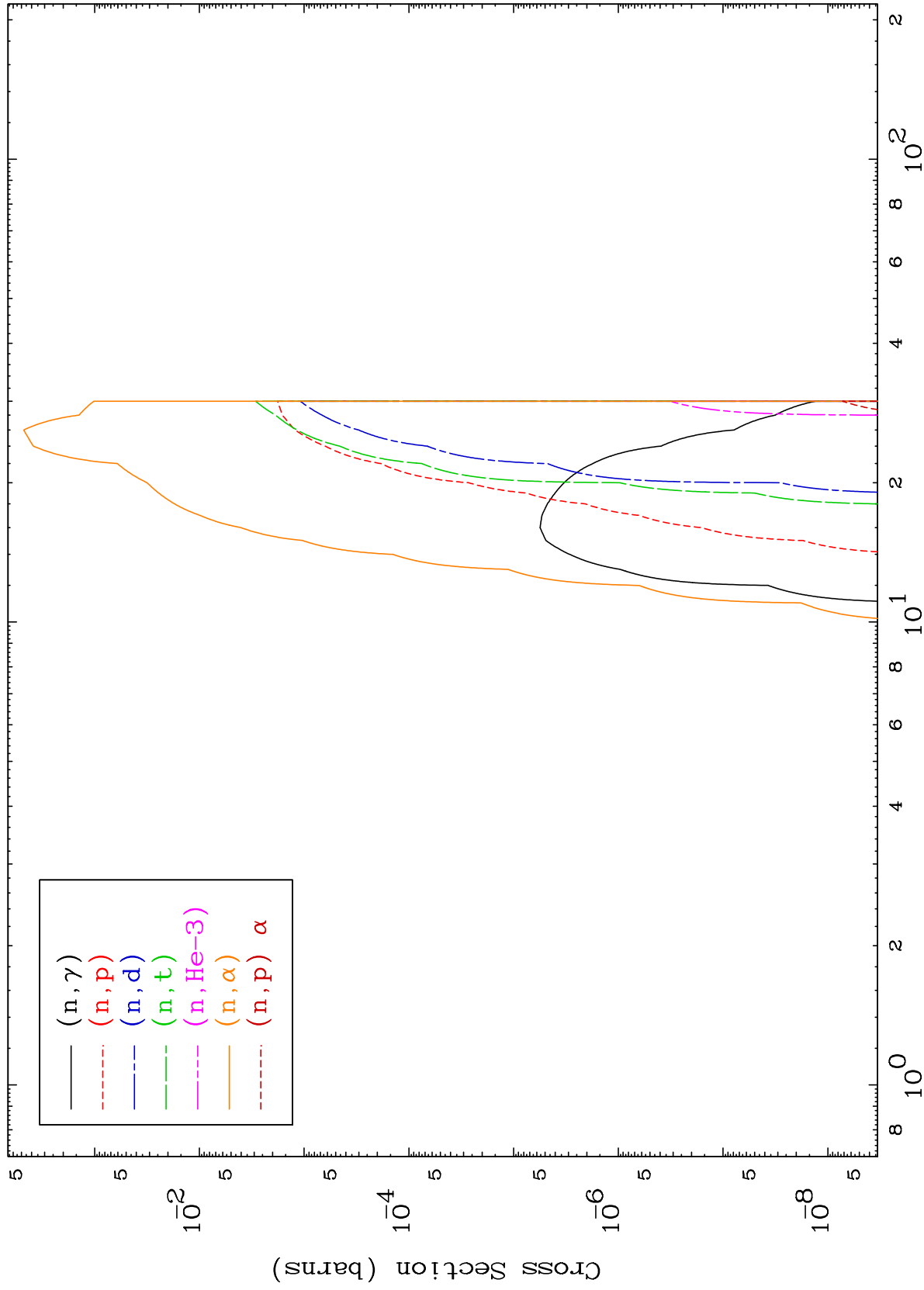
Incident Energy (MeV)

54-Xe-136

MAT 5461

α Neutron Absorption
0 Kelvin Cross Sections

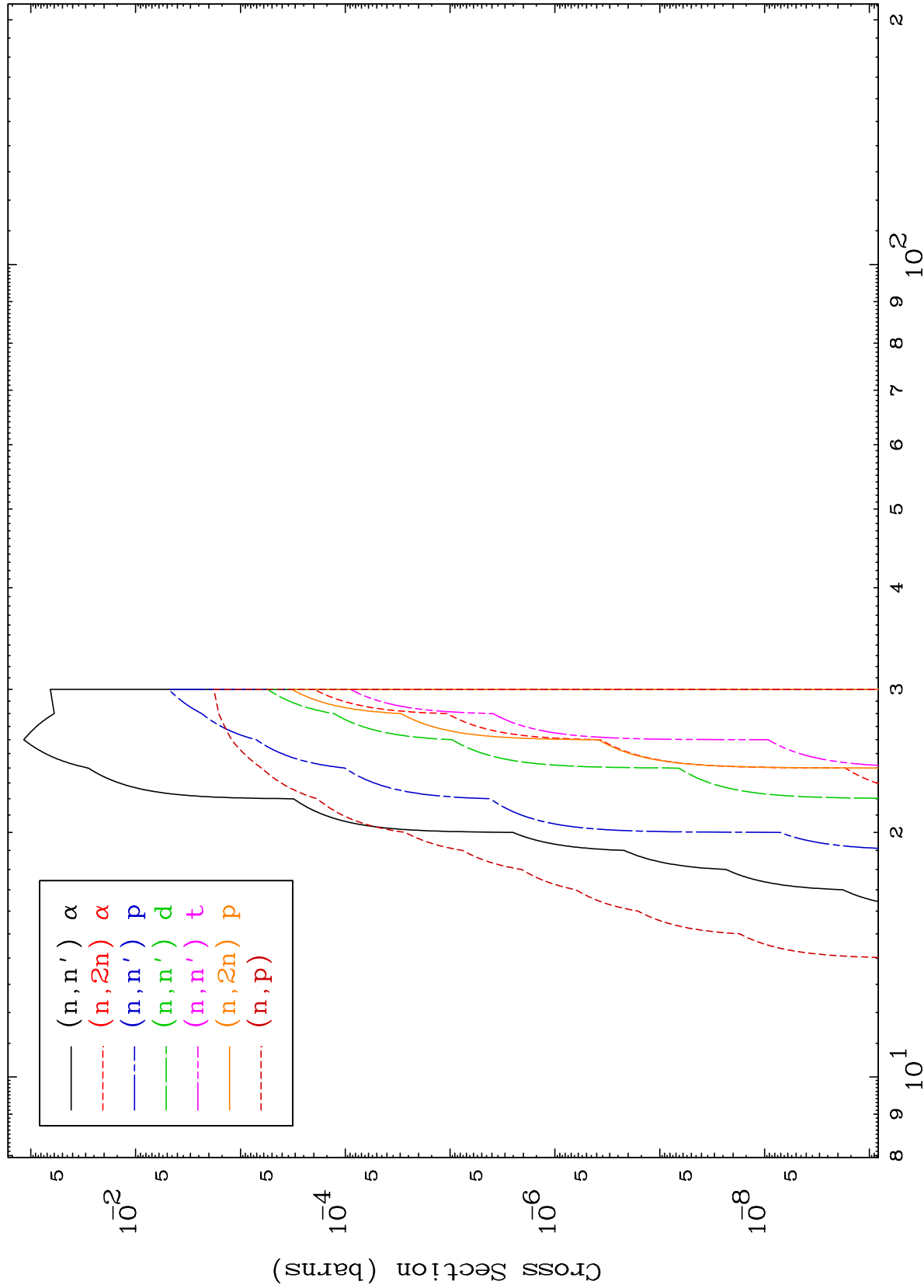
54-Xe-136

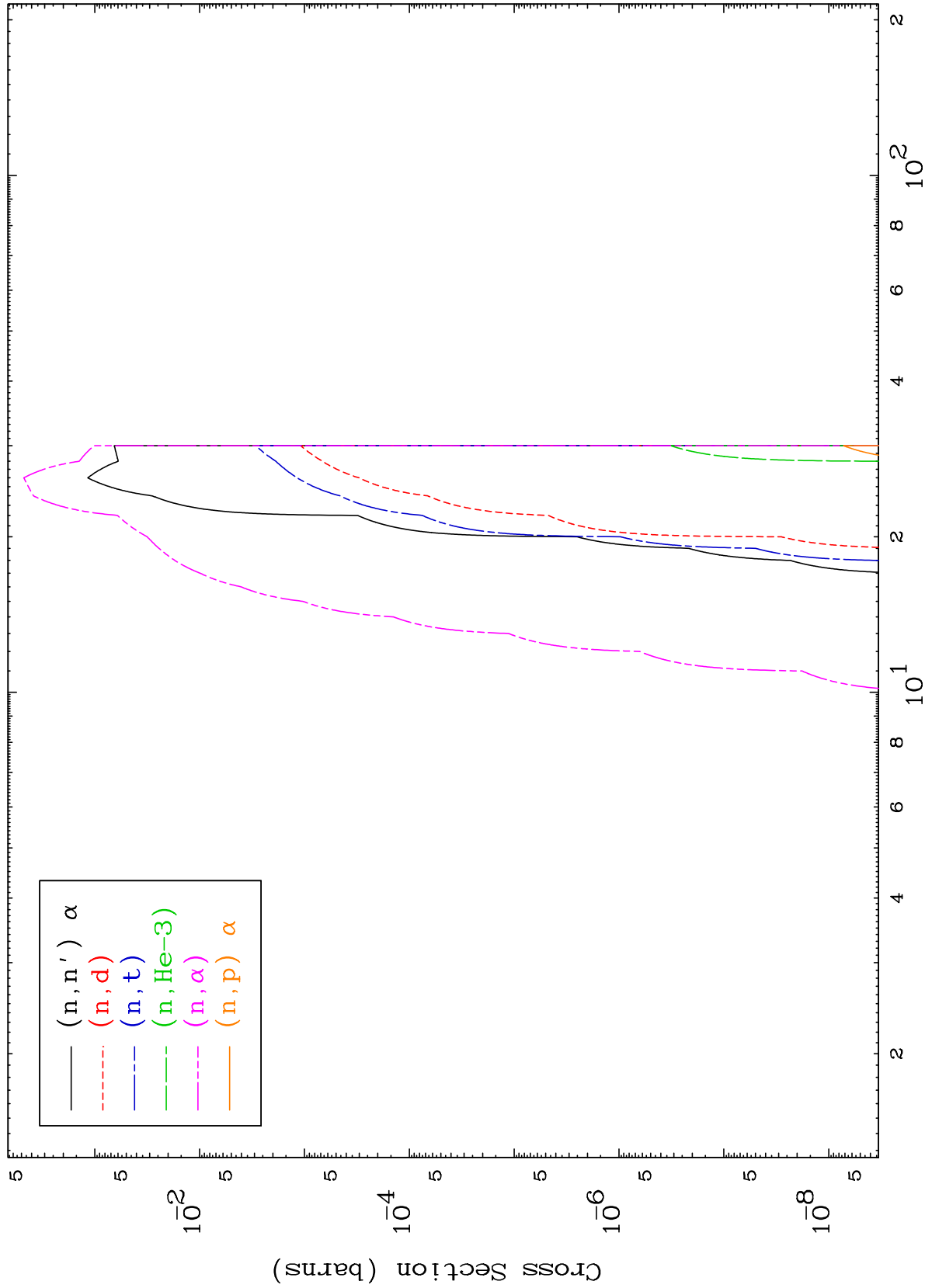


3

Incident Energy (MeV)

54-Xe-136

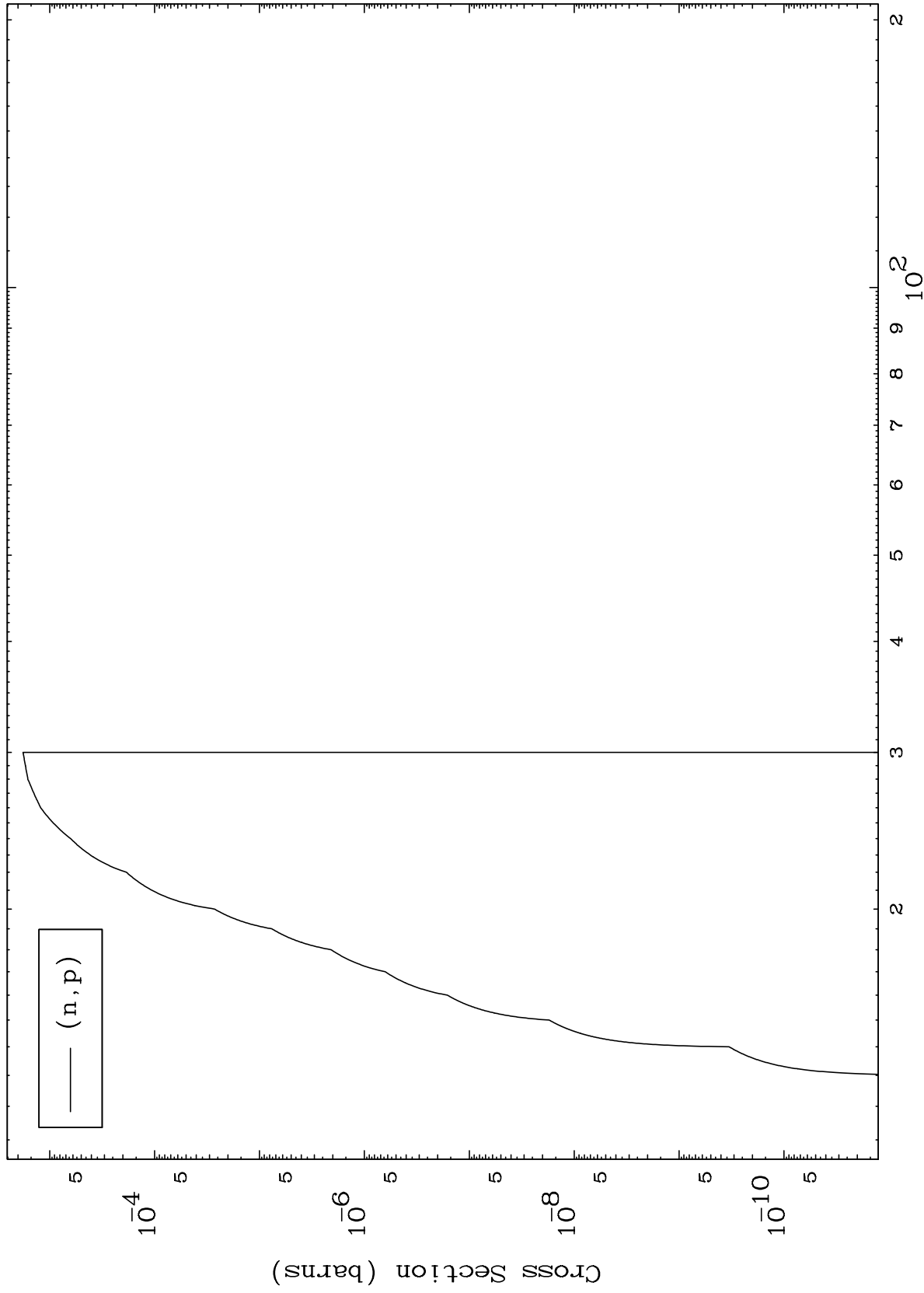




MAT 5461

54-Xe-136

(α ,p) Levels
0 Kelvin Cross Sections



6

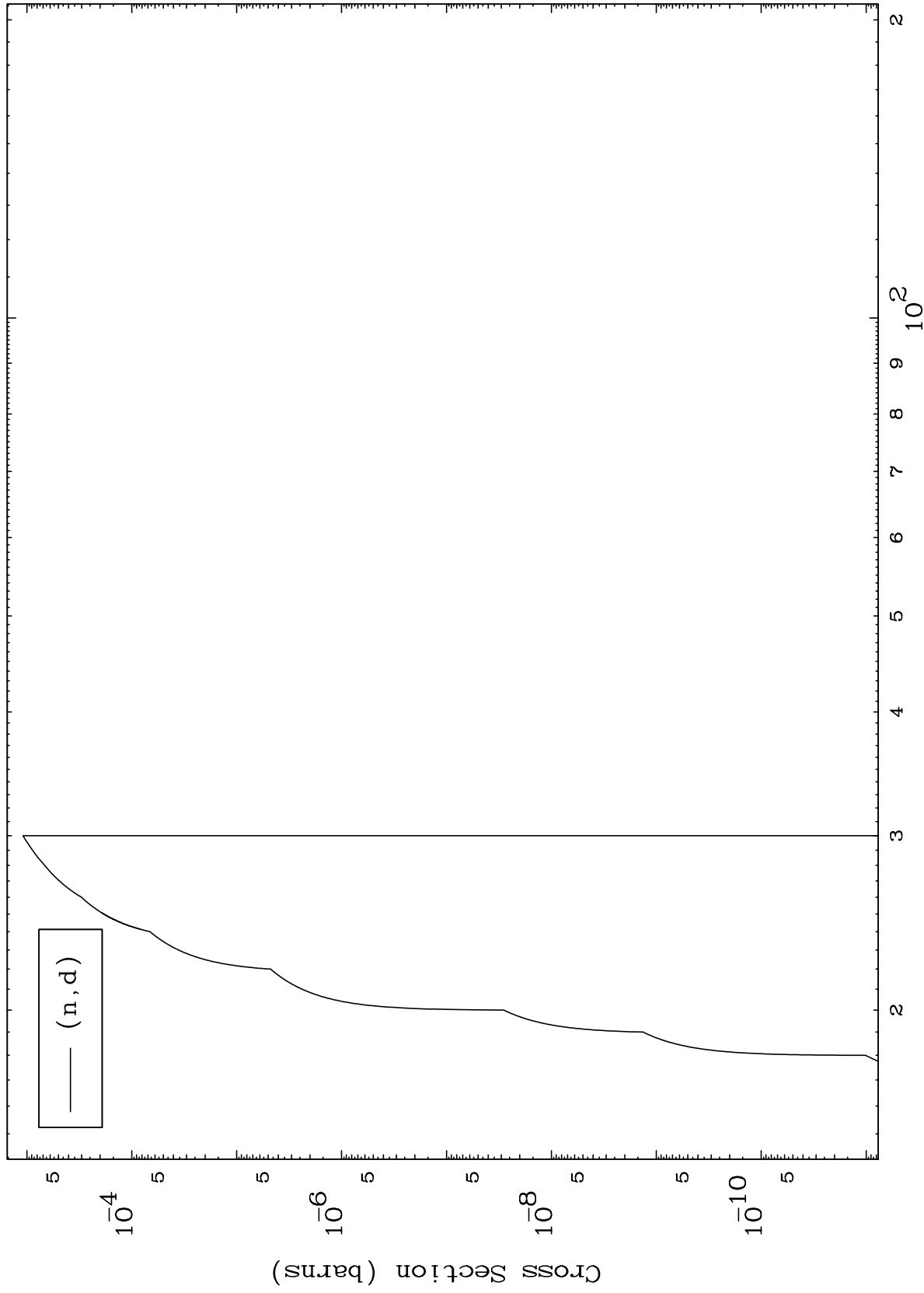
Incident Energy (MeV)

54-Xe-136

MAT 5461

54-Xe-136

(α, d) Levels
0 Kelvin Cross Sections



7

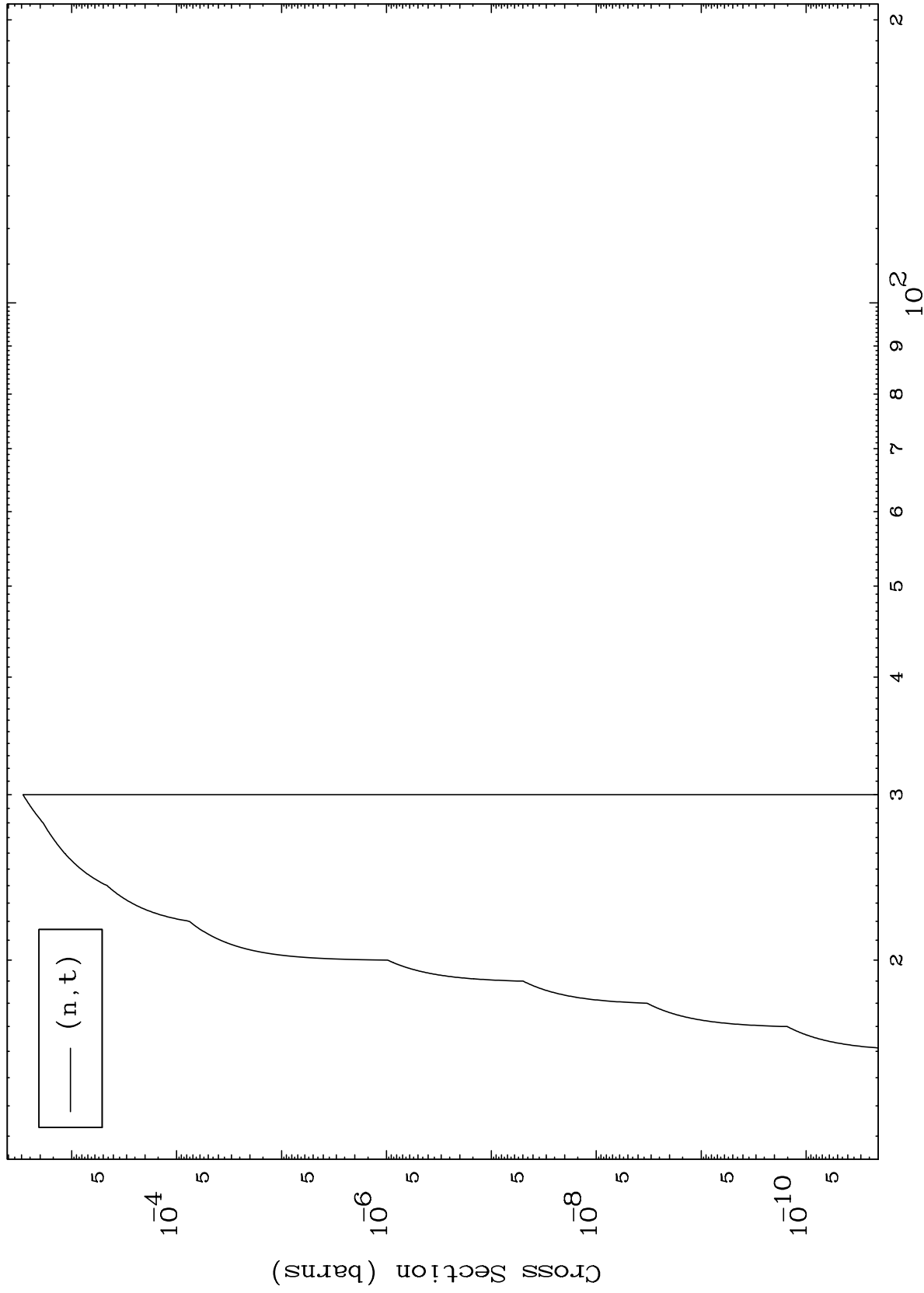
Incident Energy (MeV)

54-Xe-136

MAT 5461

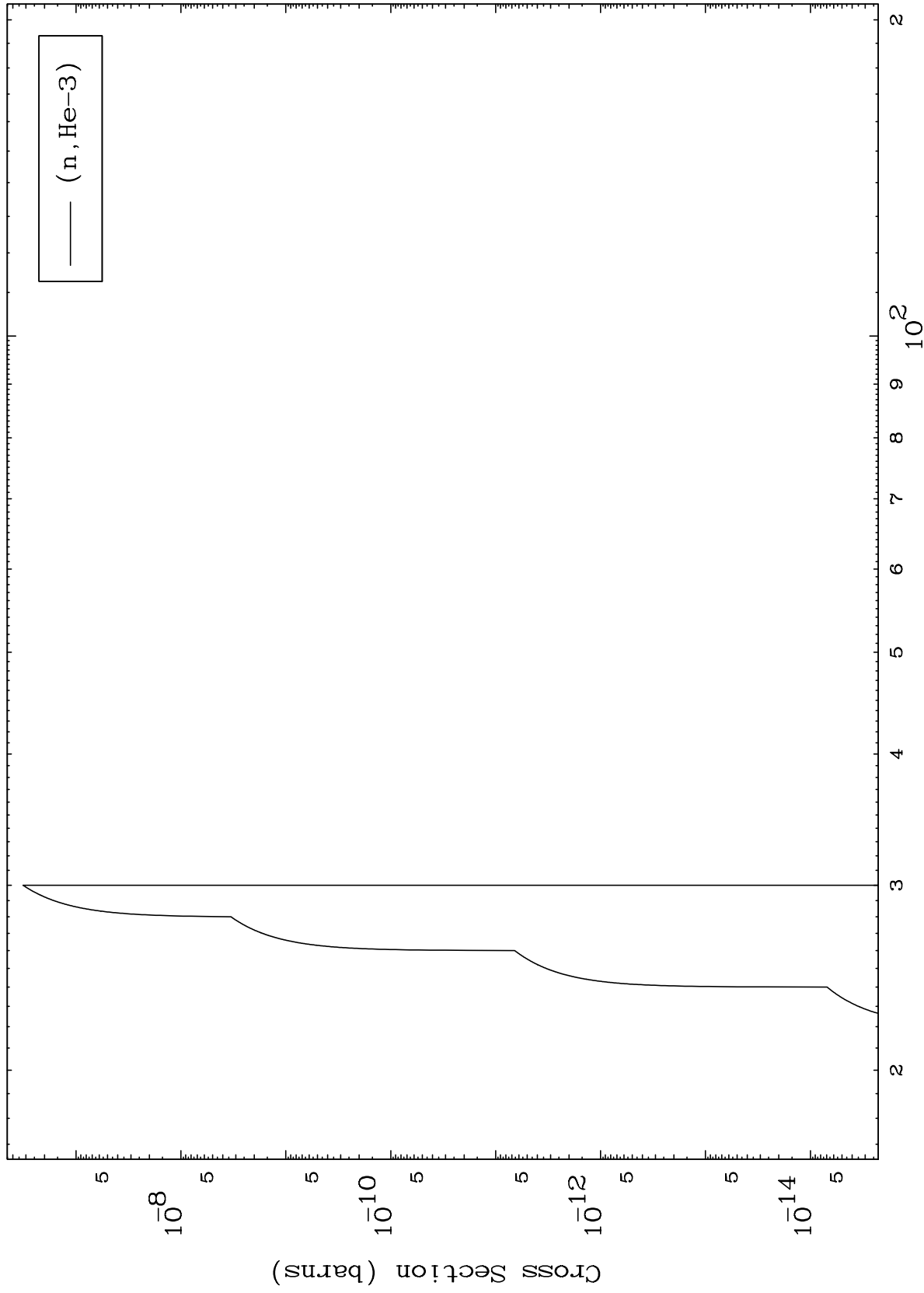
54-Xe-136

(α, t) Levels
0 Kelvin Cross Sections



8

54-Xe-136

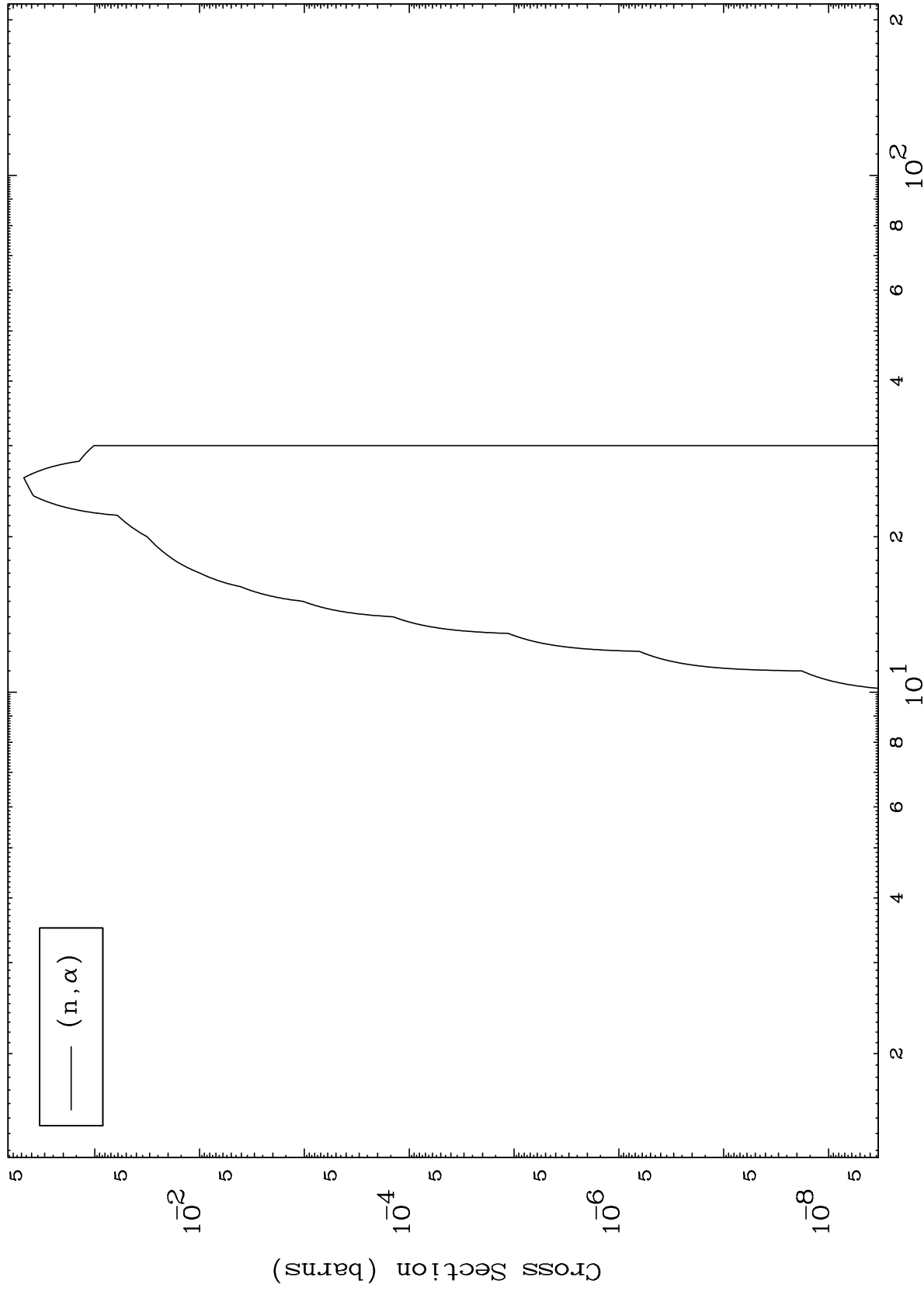


MAT 5461

(α, α) Levels

54-Xe-136

0 Kelvin Cross Sections

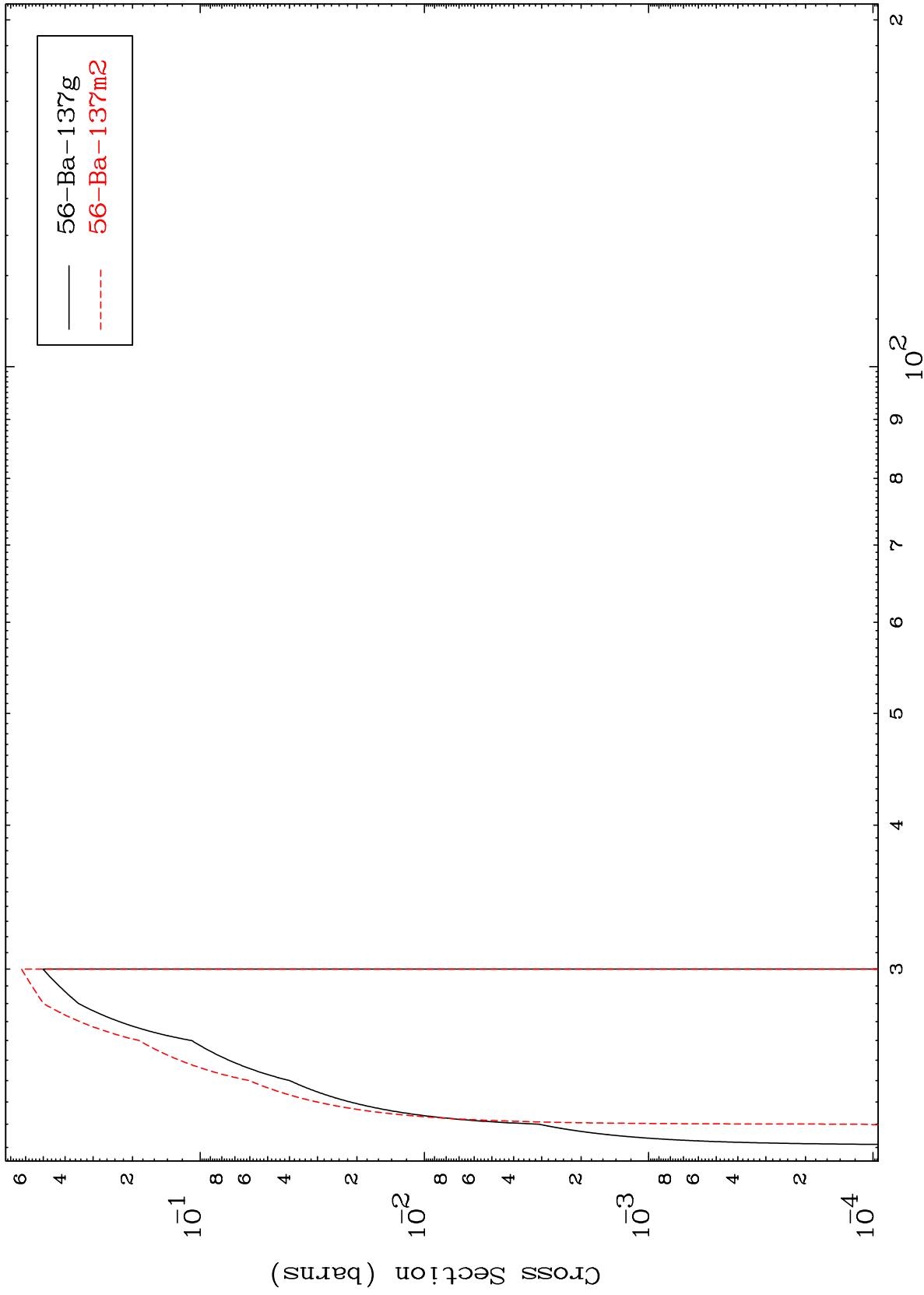


10

Incident Energy (MeV)

54-Xe-136

(n,3n)
Radionuclide Production Cross Section

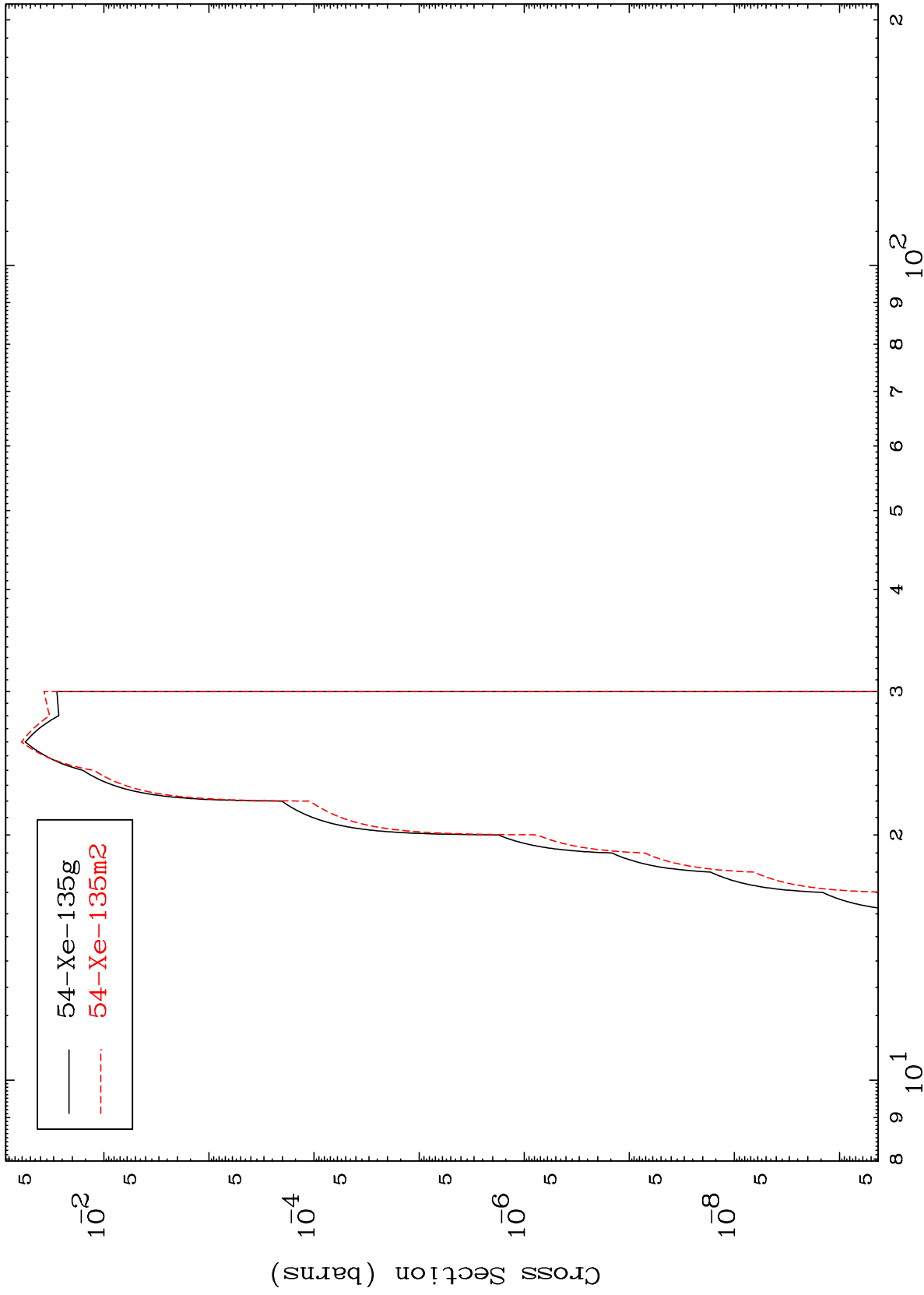


MAT 5461

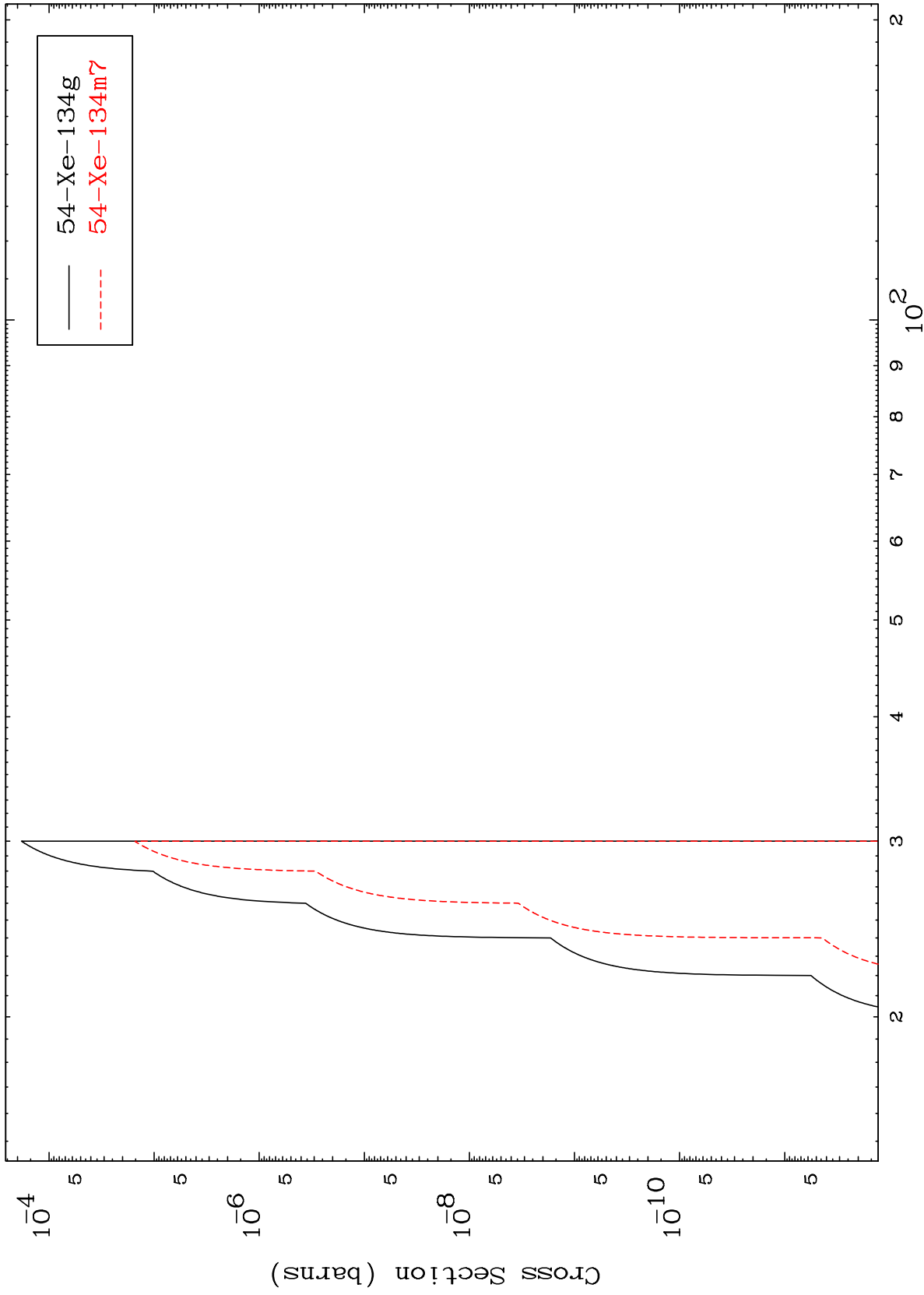
54-Xe-136

Radionuclide Production Cross Section

(n,n') α



Radionuclide Production Cross Section

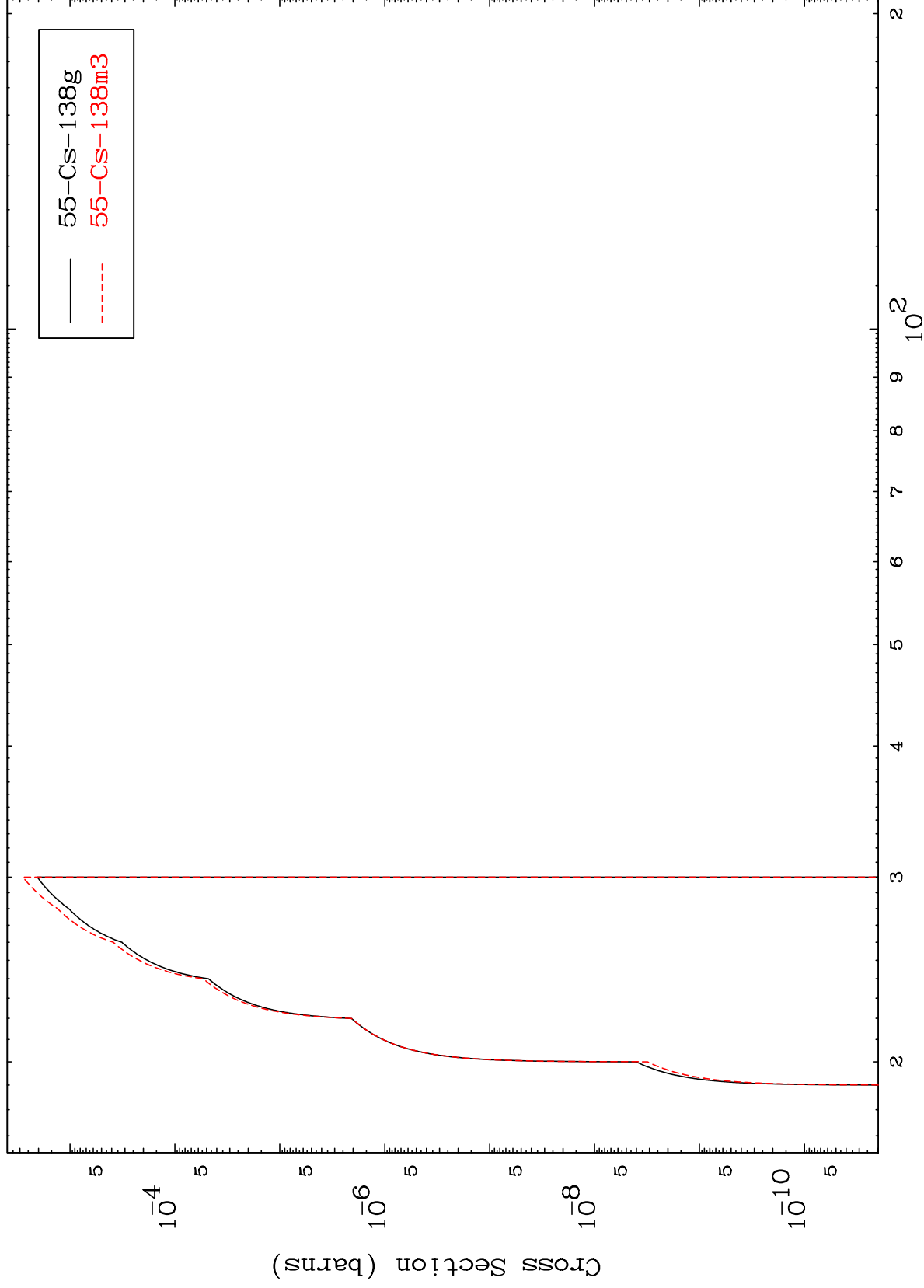


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(n,n') p

54-Xe-136

Radionuclide Production Cross Section



14

Incident Energy (MeV)

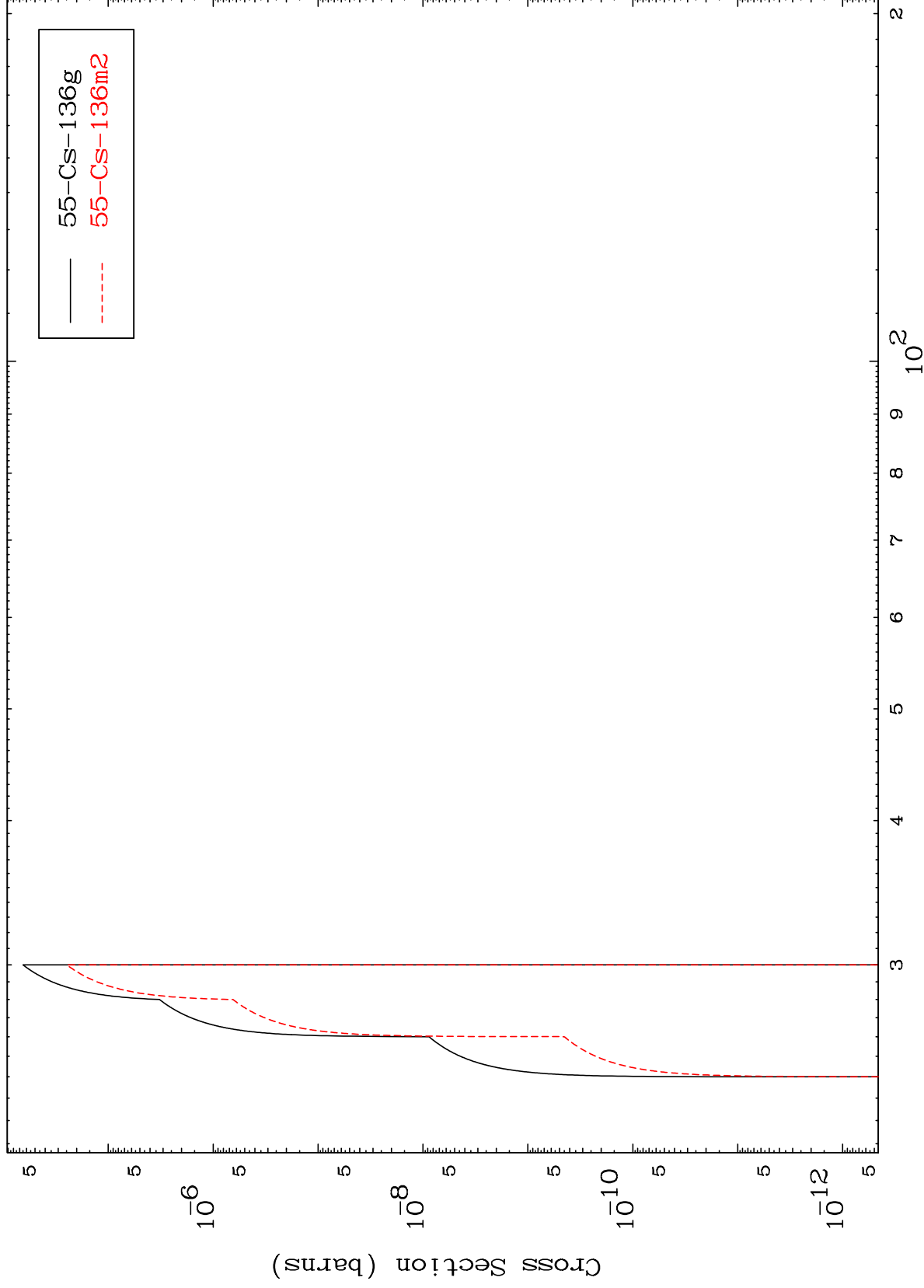
54-Xe-136

MAT 5461

(n,n') t

54-Xe-136

Radionuclide Production Cross Section



15

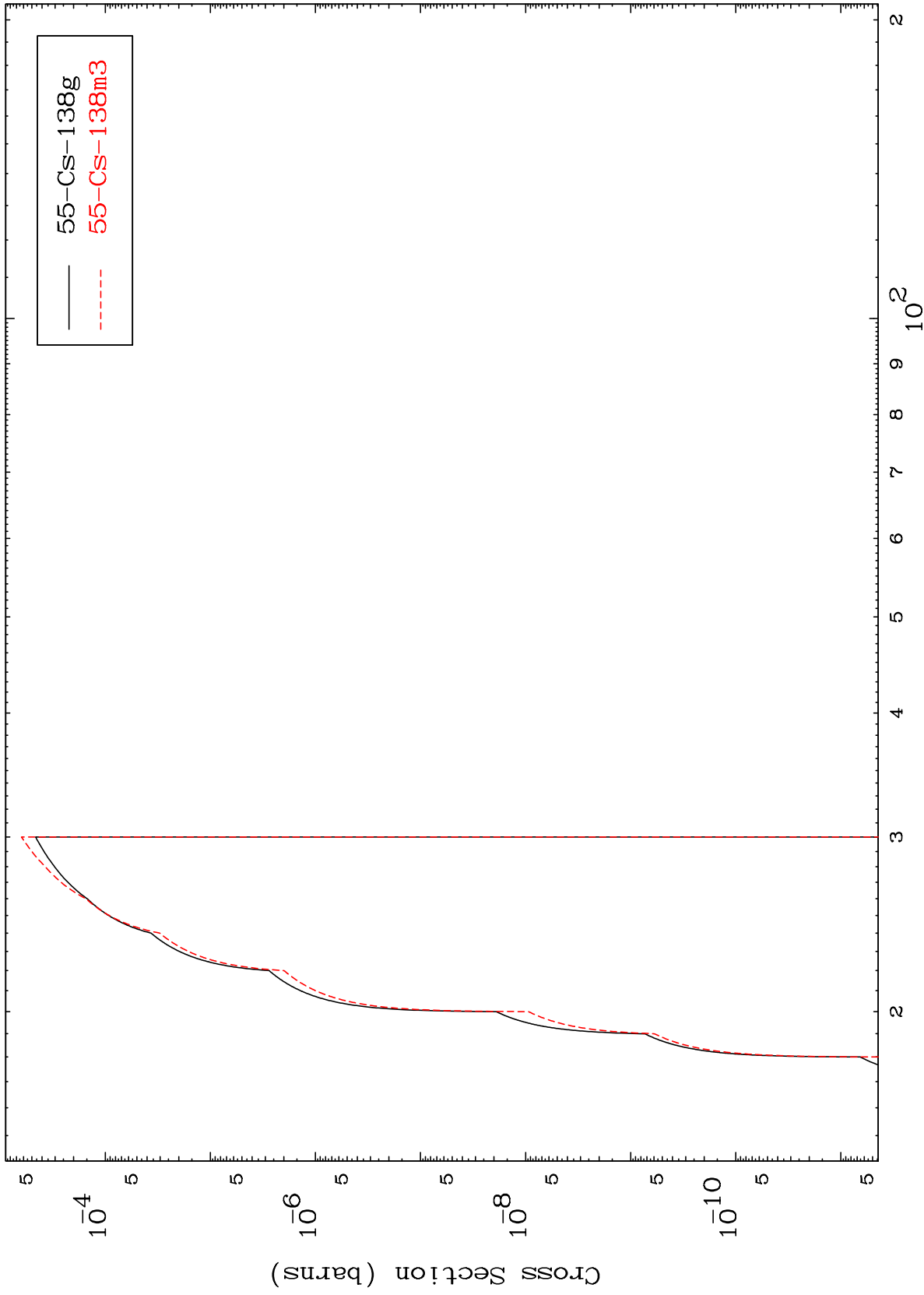
Incident Energy (MeV)

54-Xe-136

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54-Xe-136

(n,d)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

54-Xe-136