

Program EVALPLOT
(Version 2021-1)

by

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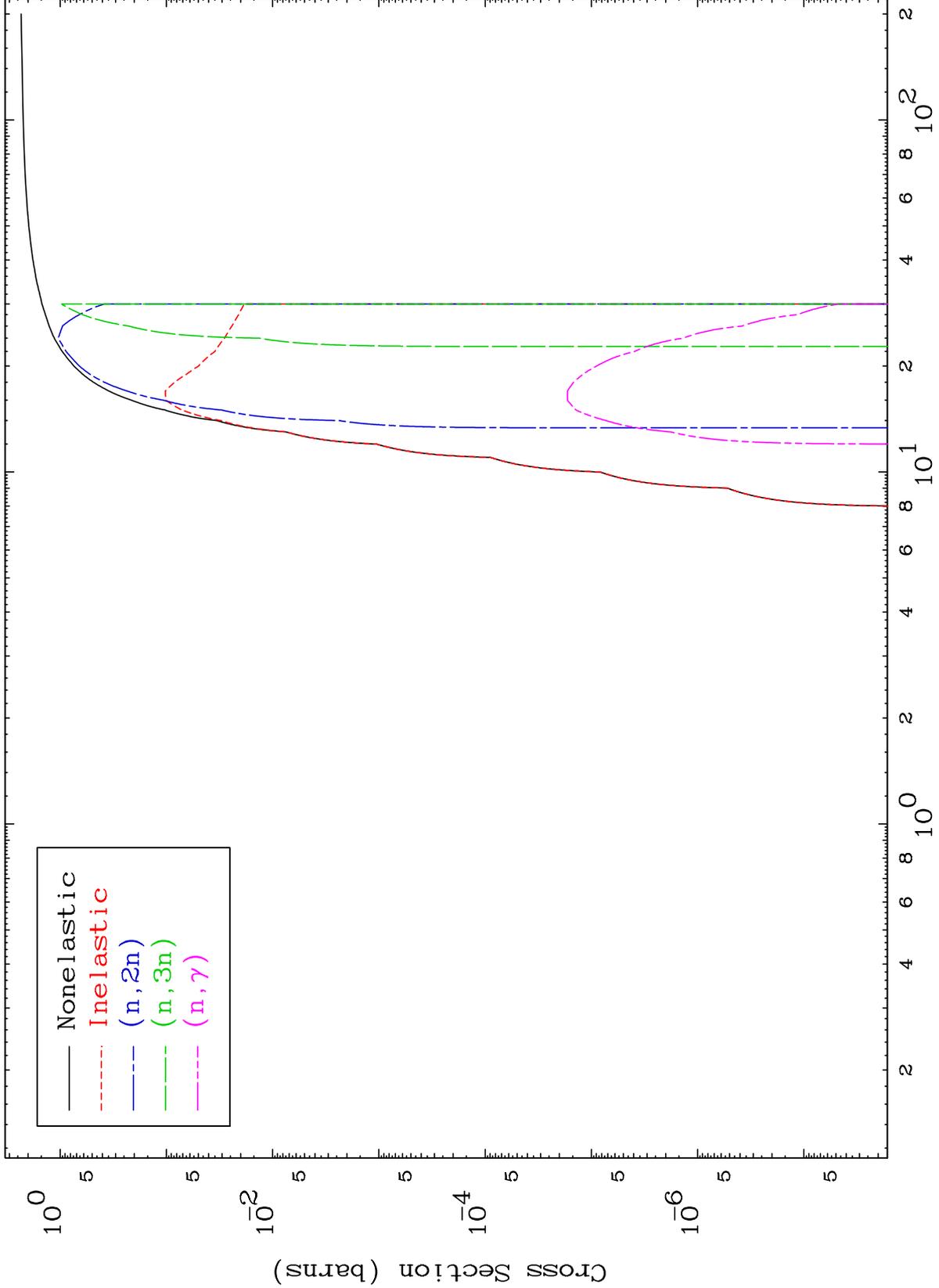
Press Mouse Button to Start

MAT 5455

α Major

54-Xe-134

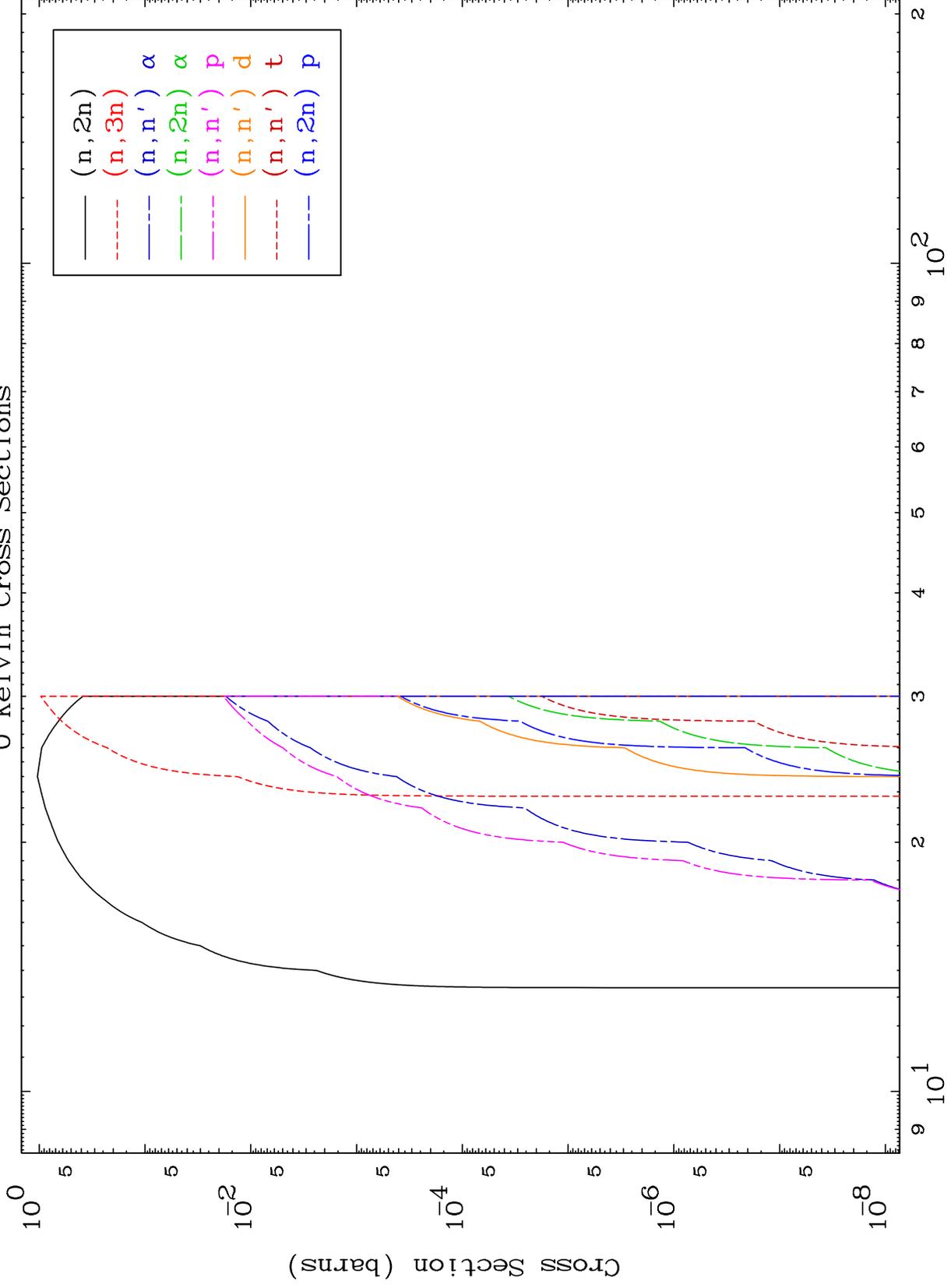
0 Kelvin Cross Sections



MAT 5455

α Neutron Absorption
0 Kelvin Cross Sections

54-Xe-134



54-Xe-134

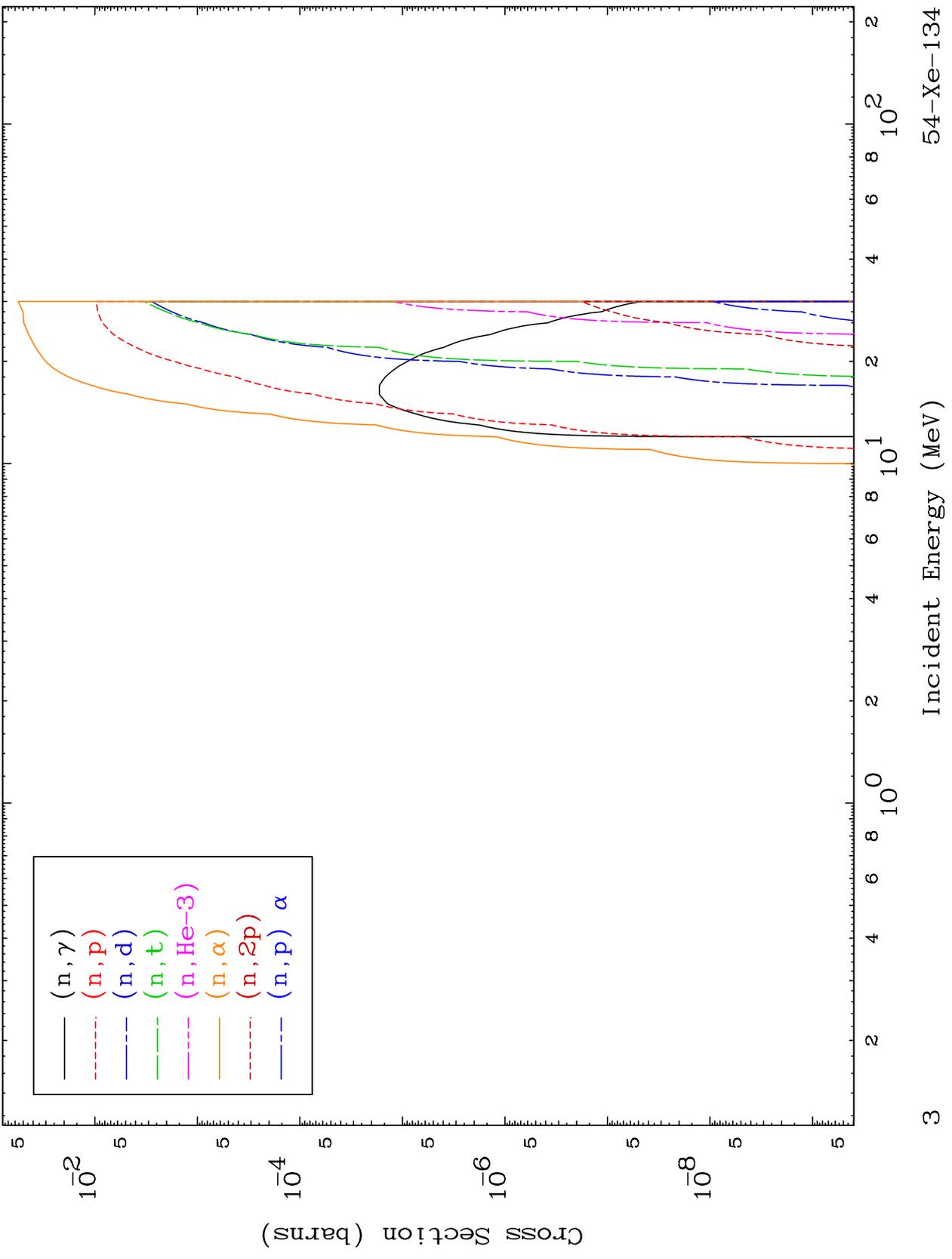
Incident Energy (MeV)

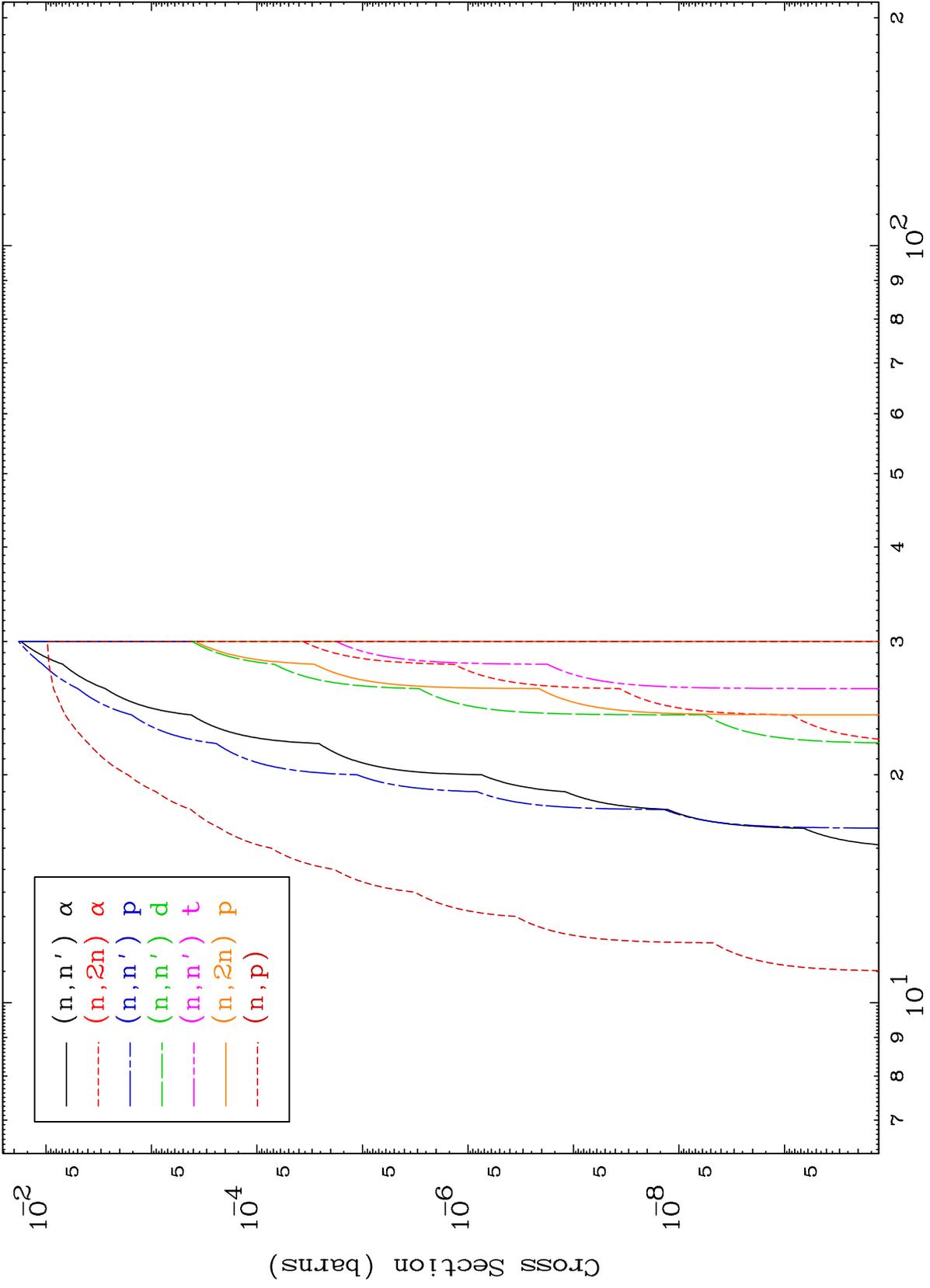
2

MAT 5455

α Neutron Absorption
0 Kelvin Cross Sections

54-Xe-134

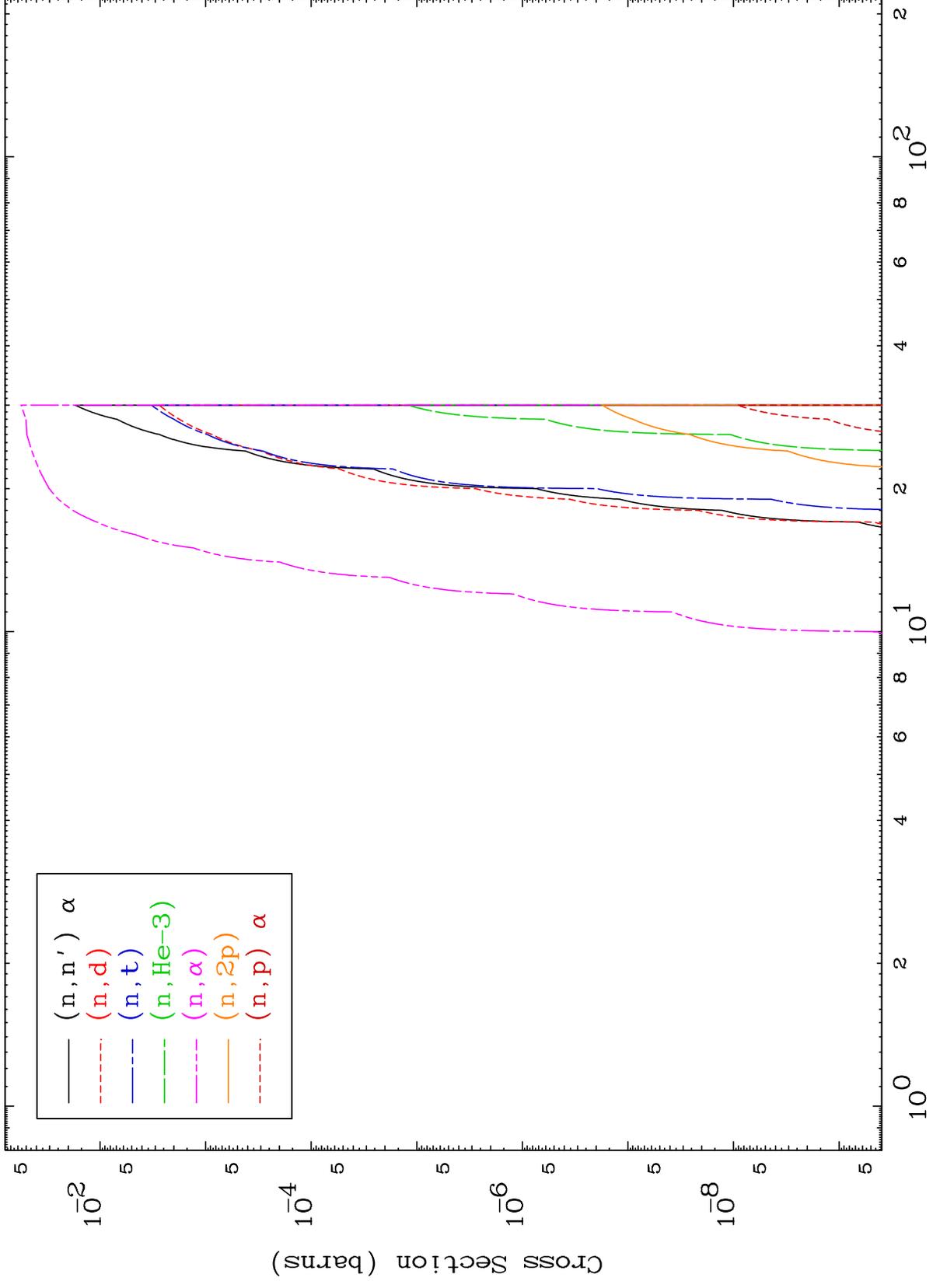




MAT 5455

α Charged Particle
0 Kelvin Cross Sections

54-Xe-134



54-Xe-134

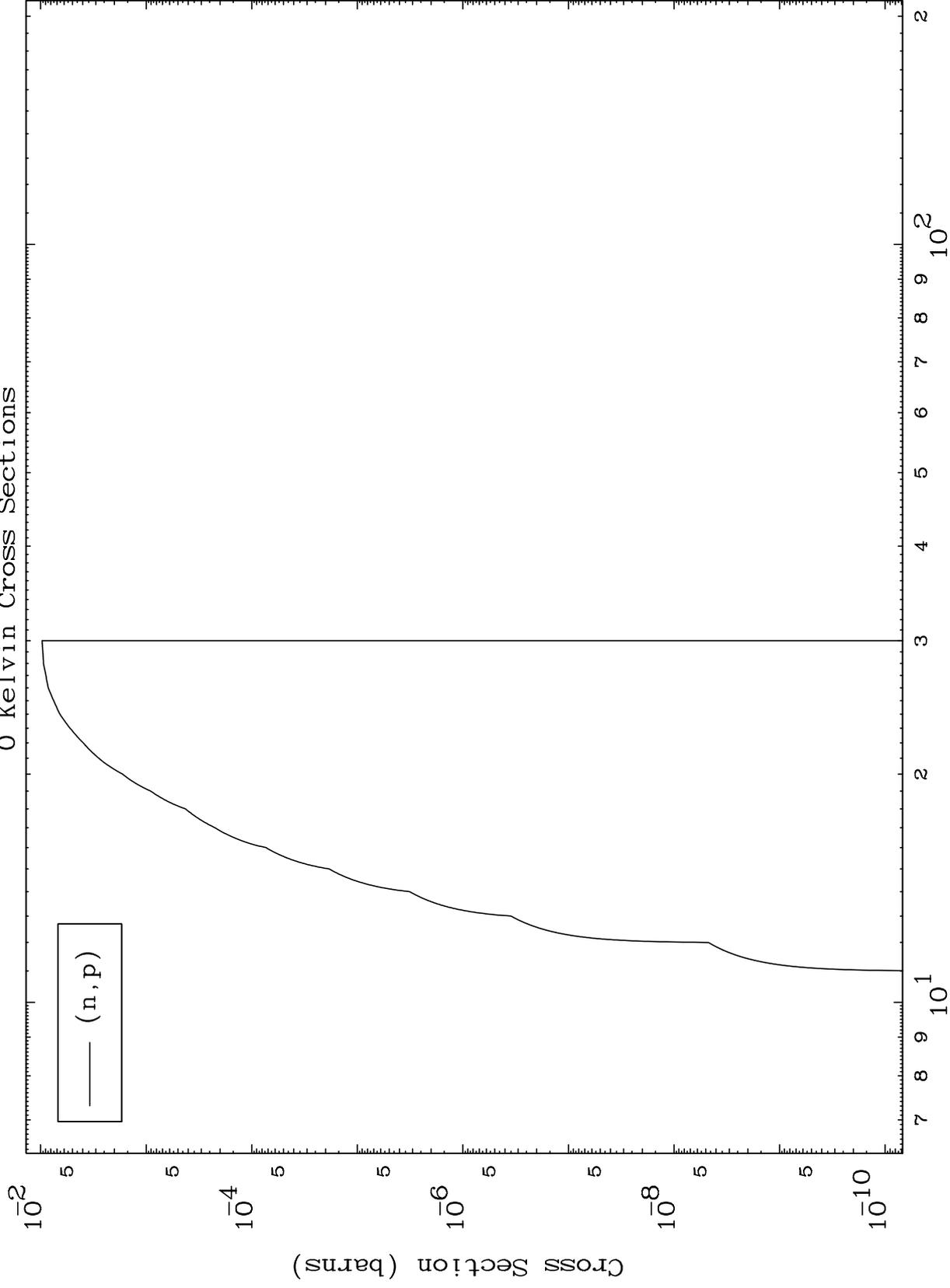
Incident Energy (MeV)

5

MAT 5455

(α, p) Levels
0 Kelvin Cross Sections

54-Xe-134



6

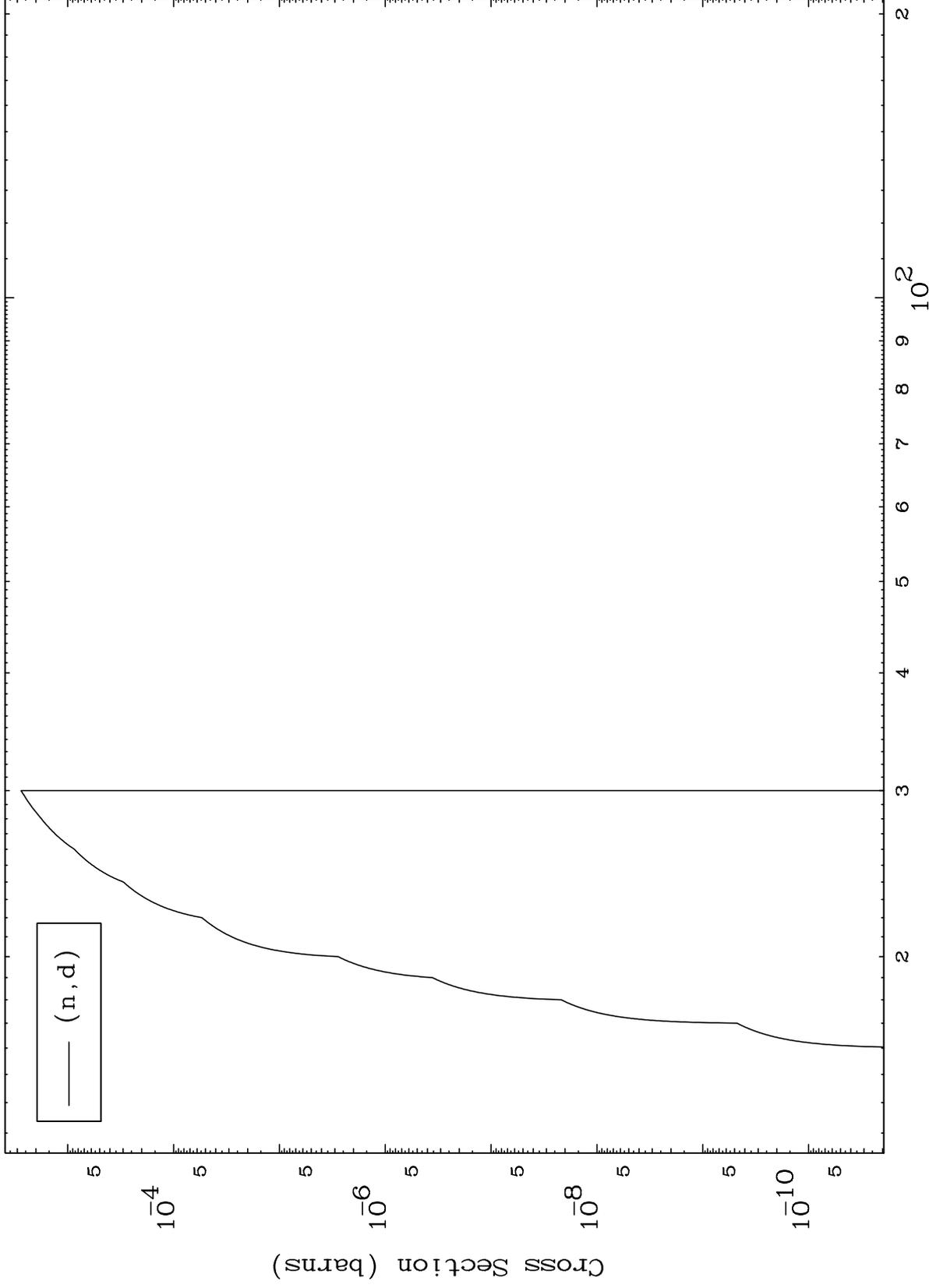
Incident Energy (MeV)

54-Xe-134

MAT 5455

(α, d) Levels
0 Kelvin Cross Sections

54-Xe-134



7

Incident Energy (MeV)

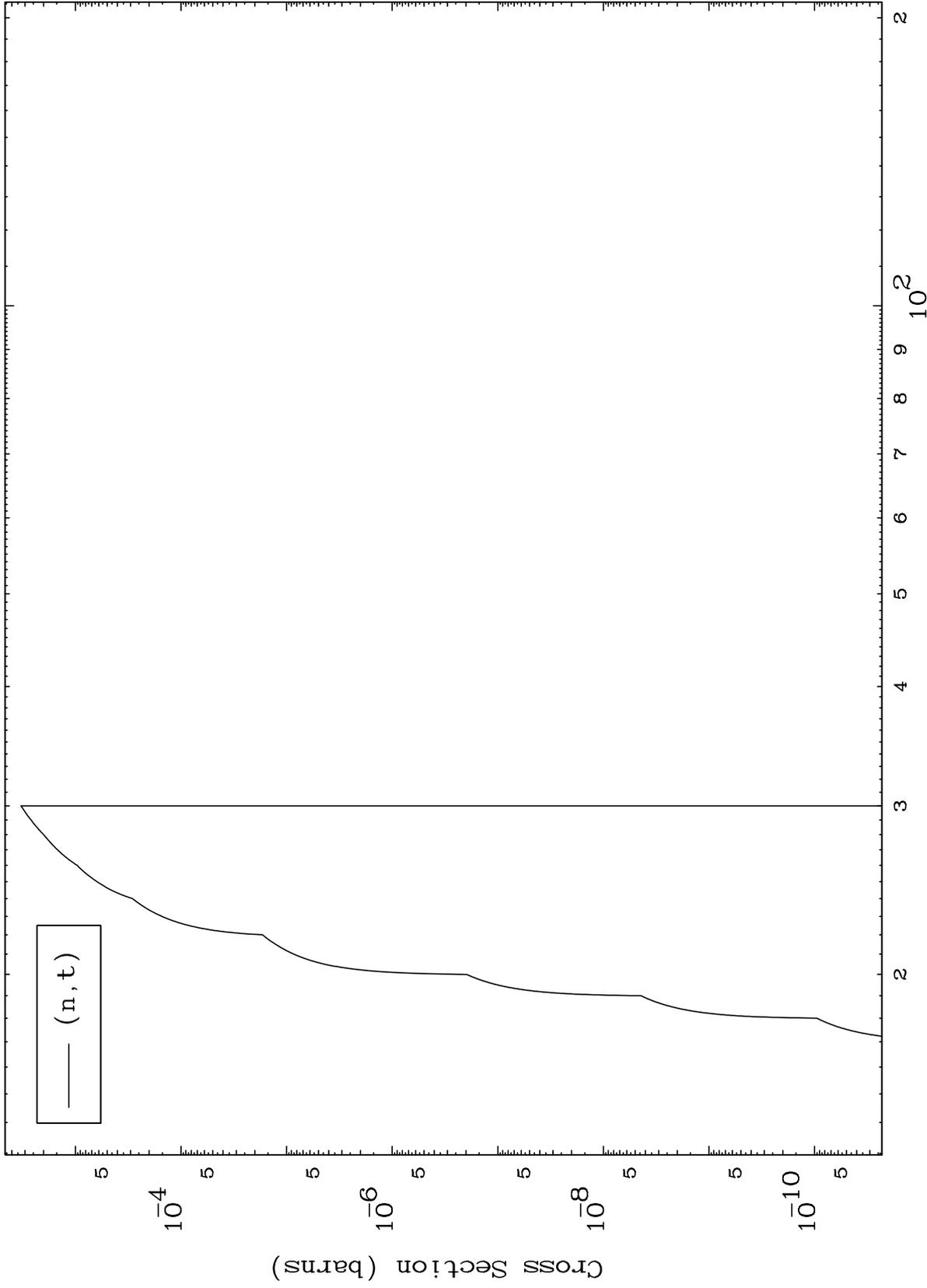
54-Xe-134

MAT 5455

(α, t) Levels

54-Xe-134

0 Kelvin Cross Sections

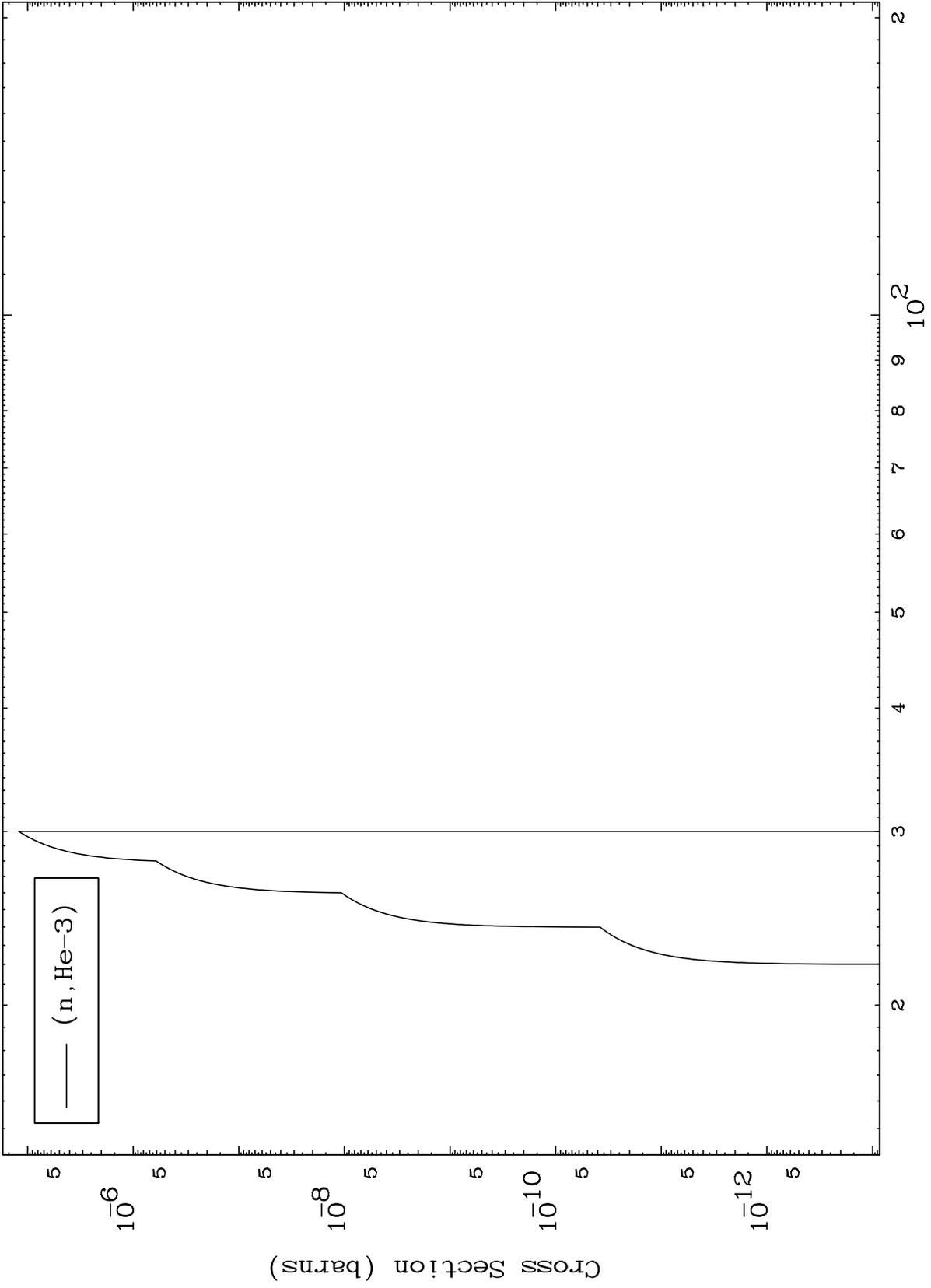


8

Incident Energy (MeV)

54-Xe-134

($\alpha, \text{He3}$) Levels
0 Kelvin Cross Sections

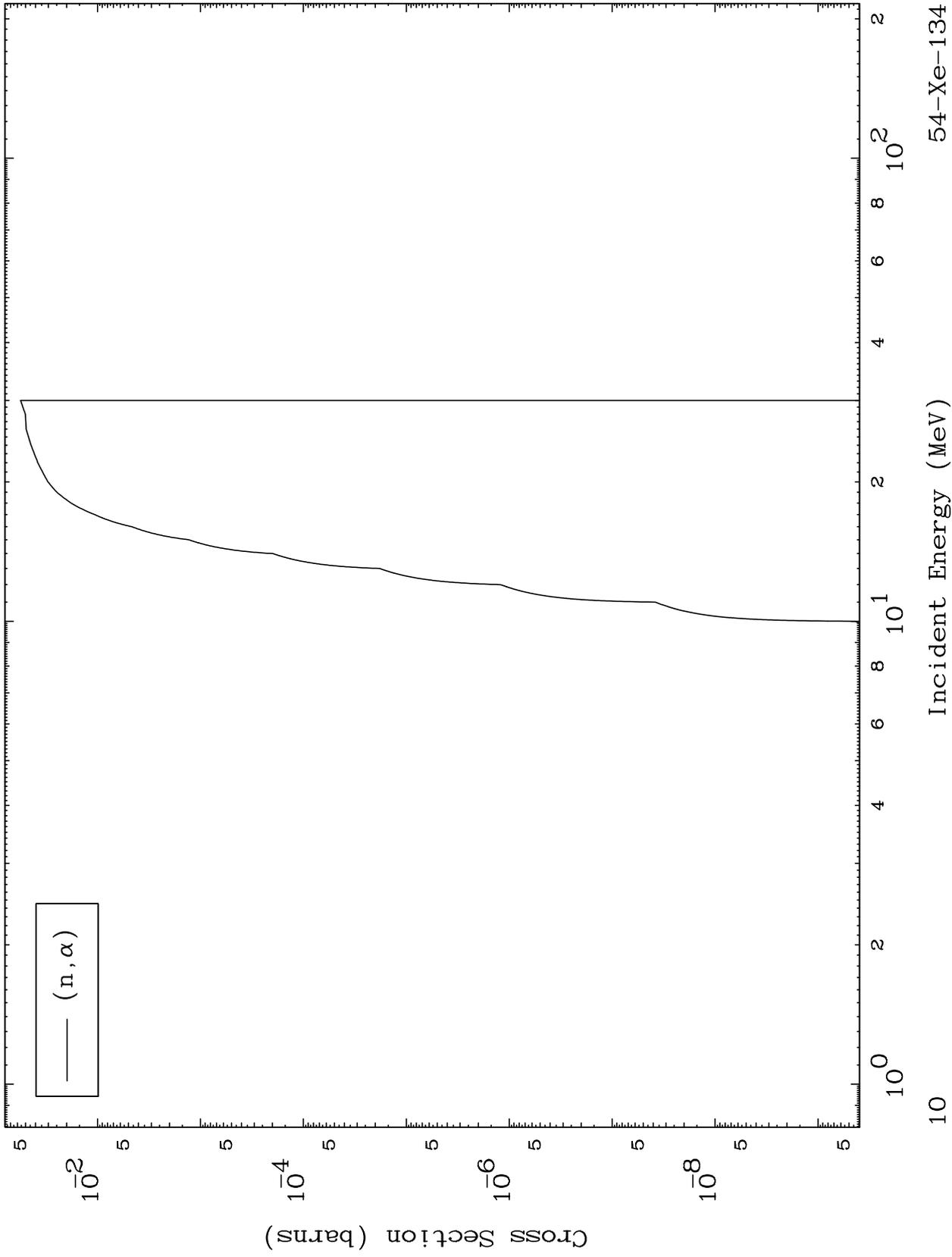


MAT 5455

(α, α) Levels

54-Xe-134

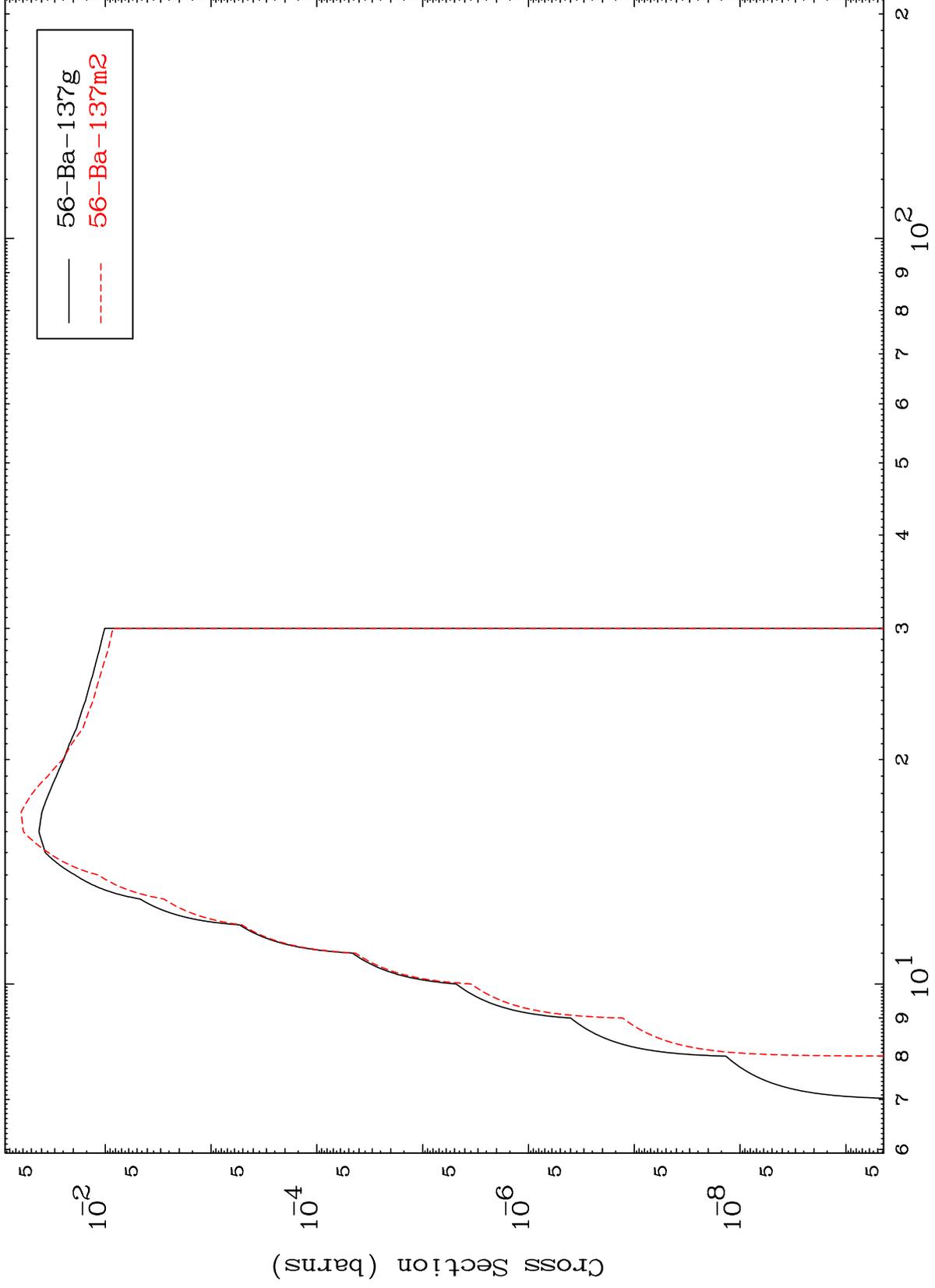
0 Kelvin Cross Sections



MAT 5455

54-Xe-134

Inelastic
Radionuclide Production Cross Section



11

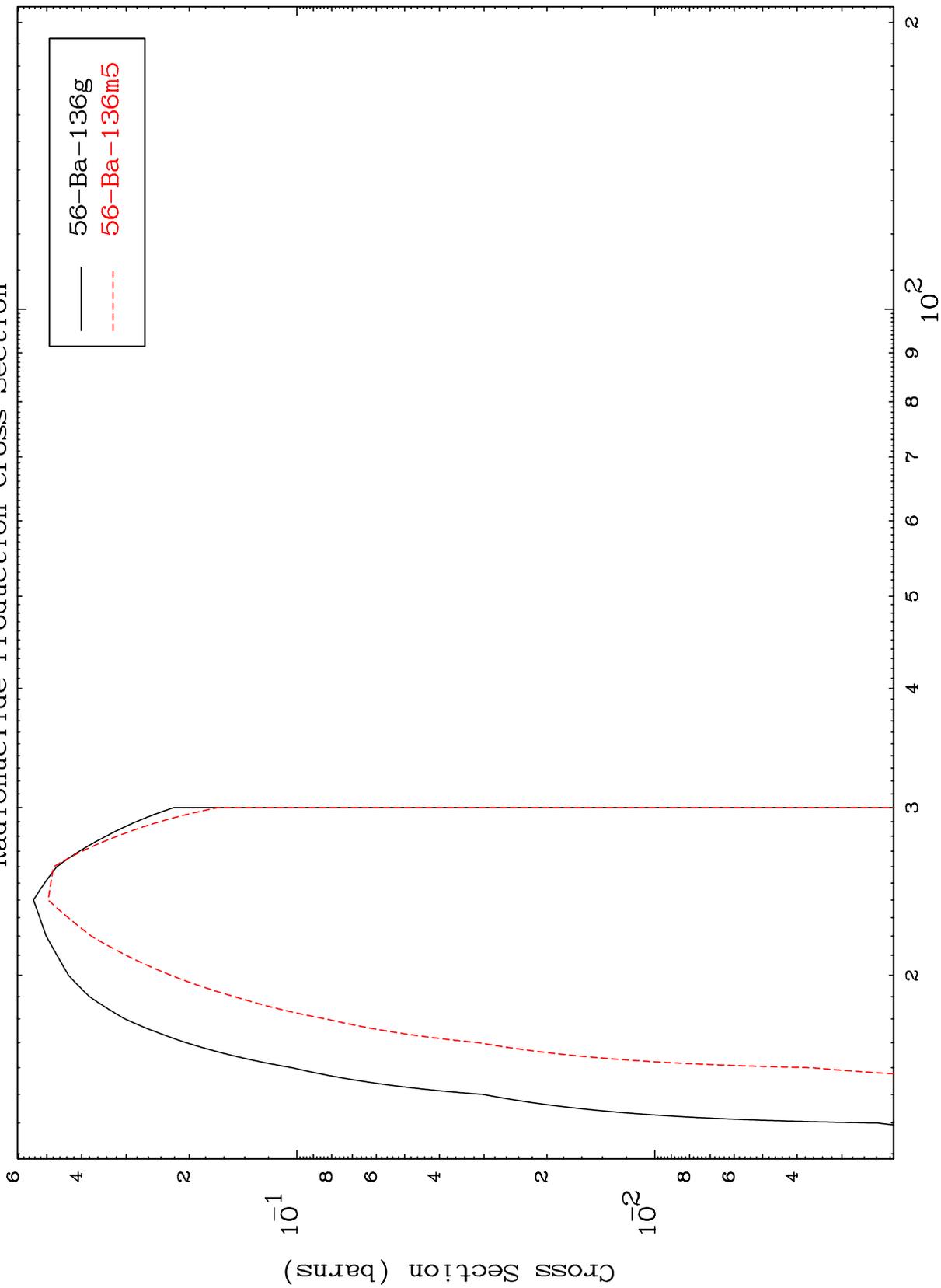
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,2n)
Radionuclide Production Cross Section



12

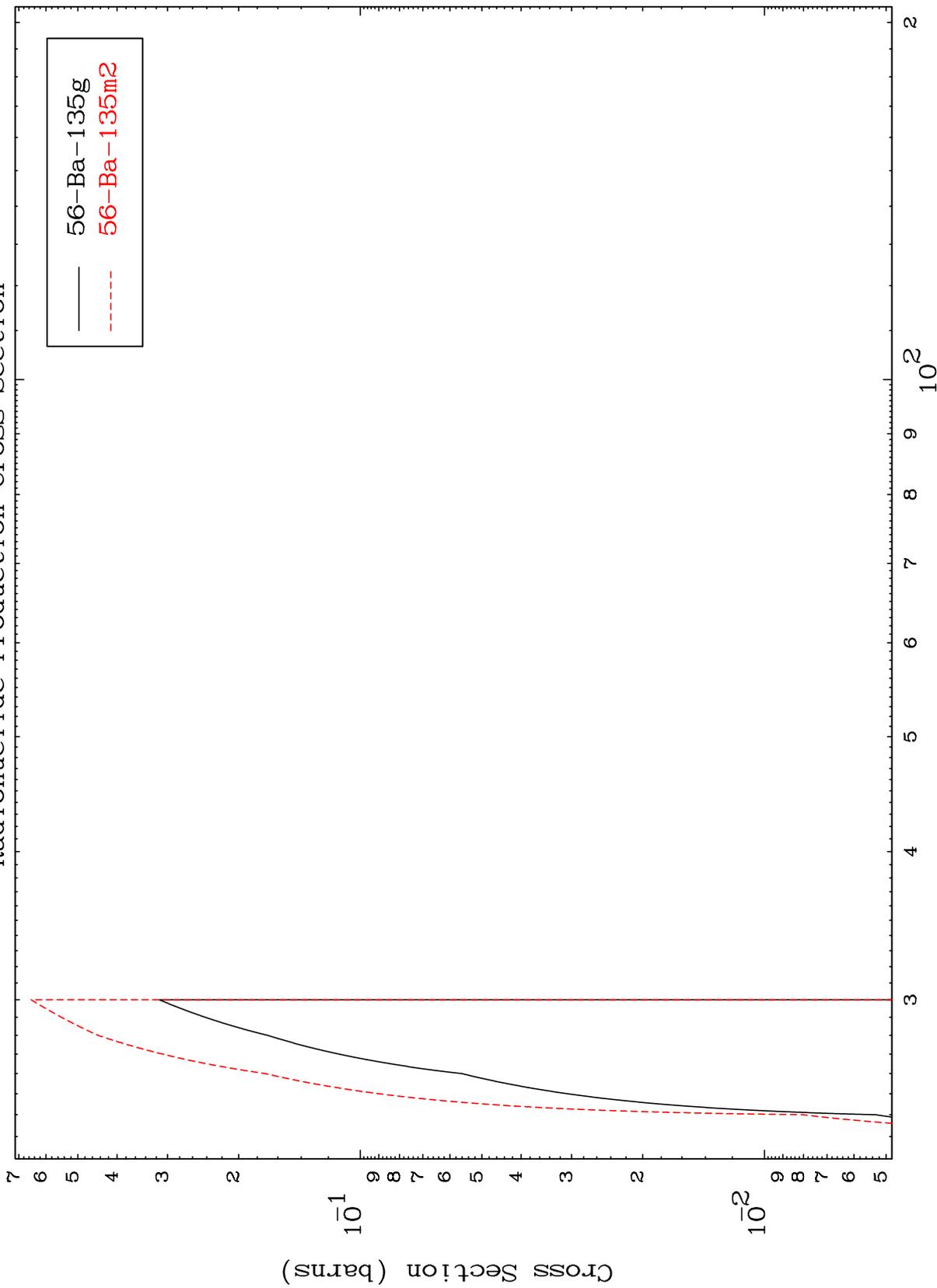
54-Xe-134

Incident Energy (MeV)

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54-Xe-134

(n,3n)
Radionuclide Production Cross Section



54-Xe-134

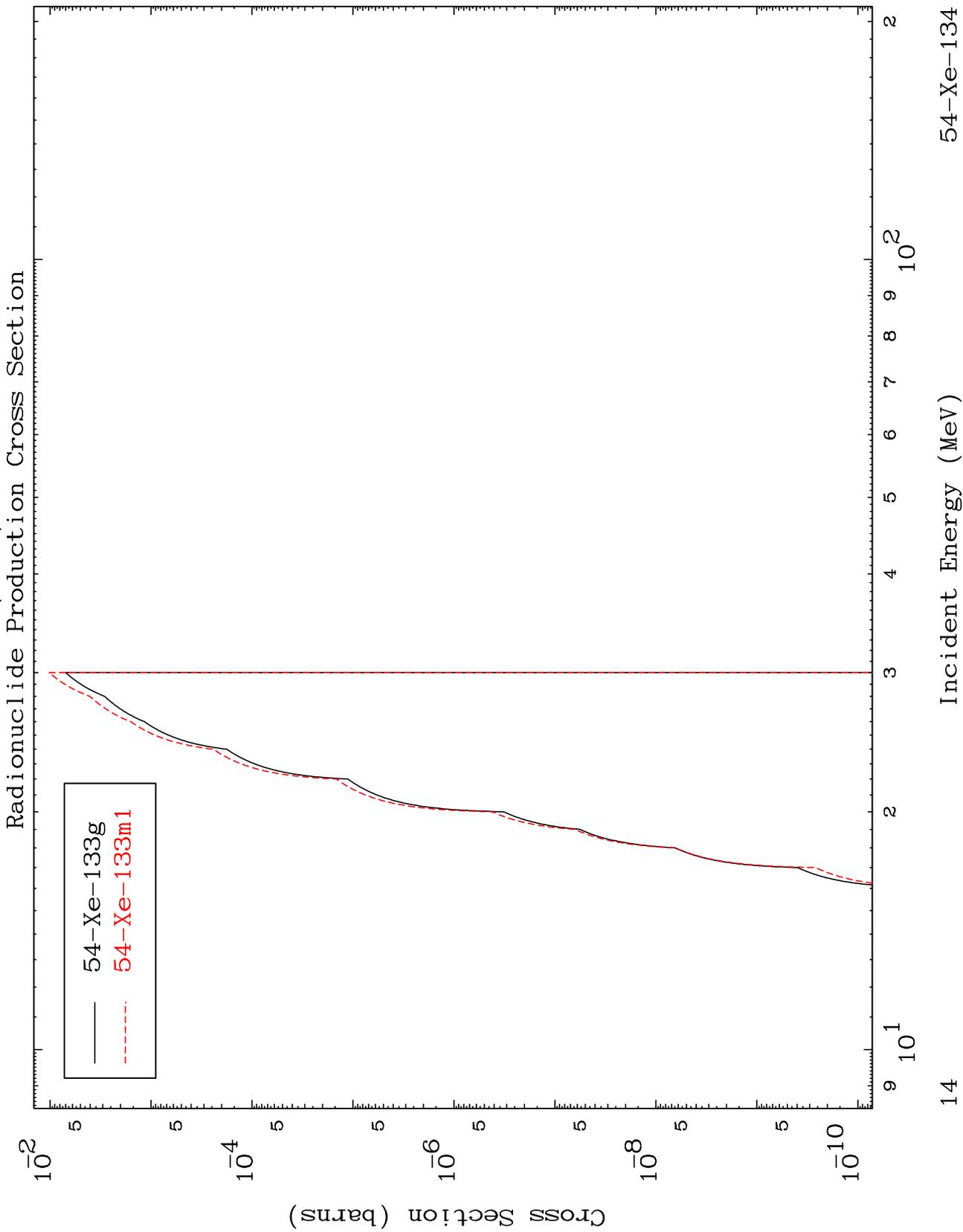
Incident Energy (MeV)

13

MAT 5455

(n,n') α

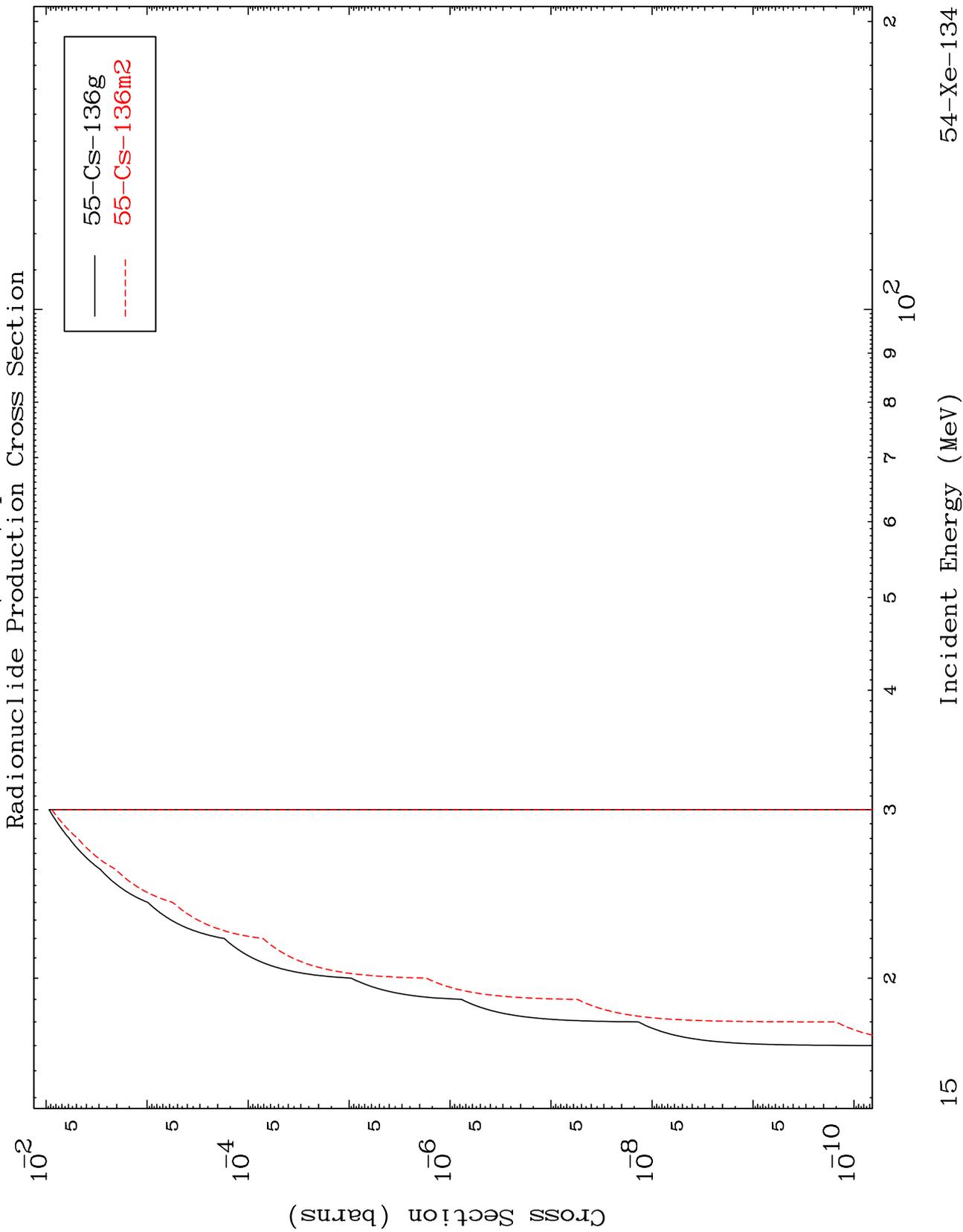
54-Xe-134



MAT 5455

(n,n') p

54-Xe-134



15

Incident Energy (MeV)

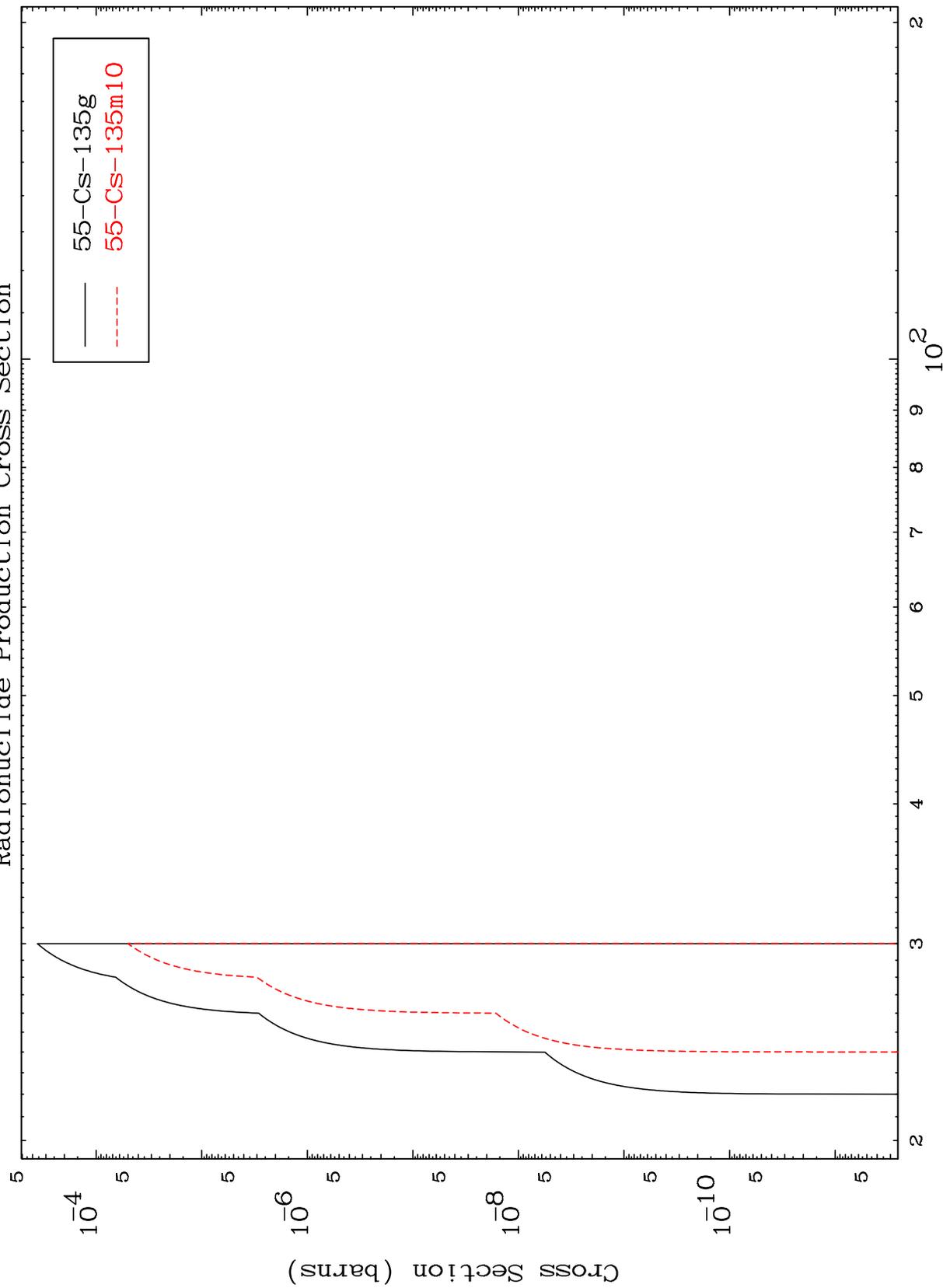
54-Xe-134

MAT 5455

(n,n') d

54-Xe-134

Radionuclide Production Cross Section



16

Incident Energy (MeV)

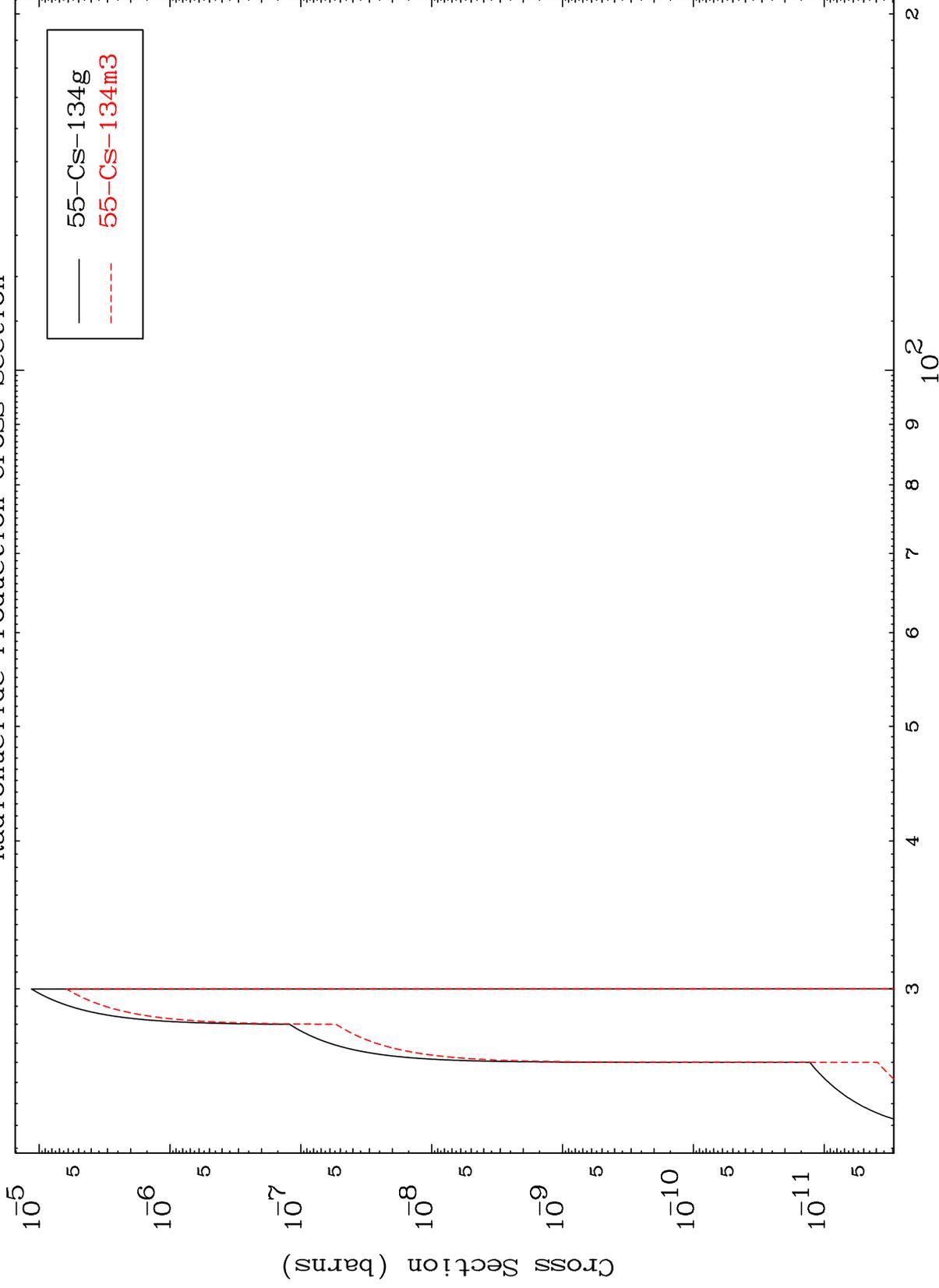
54-Xe-134

MAT 5455

(n,n') t

54-Xe-134

Radionuclide Production Cross Section



17

Incident Energy (MeV)

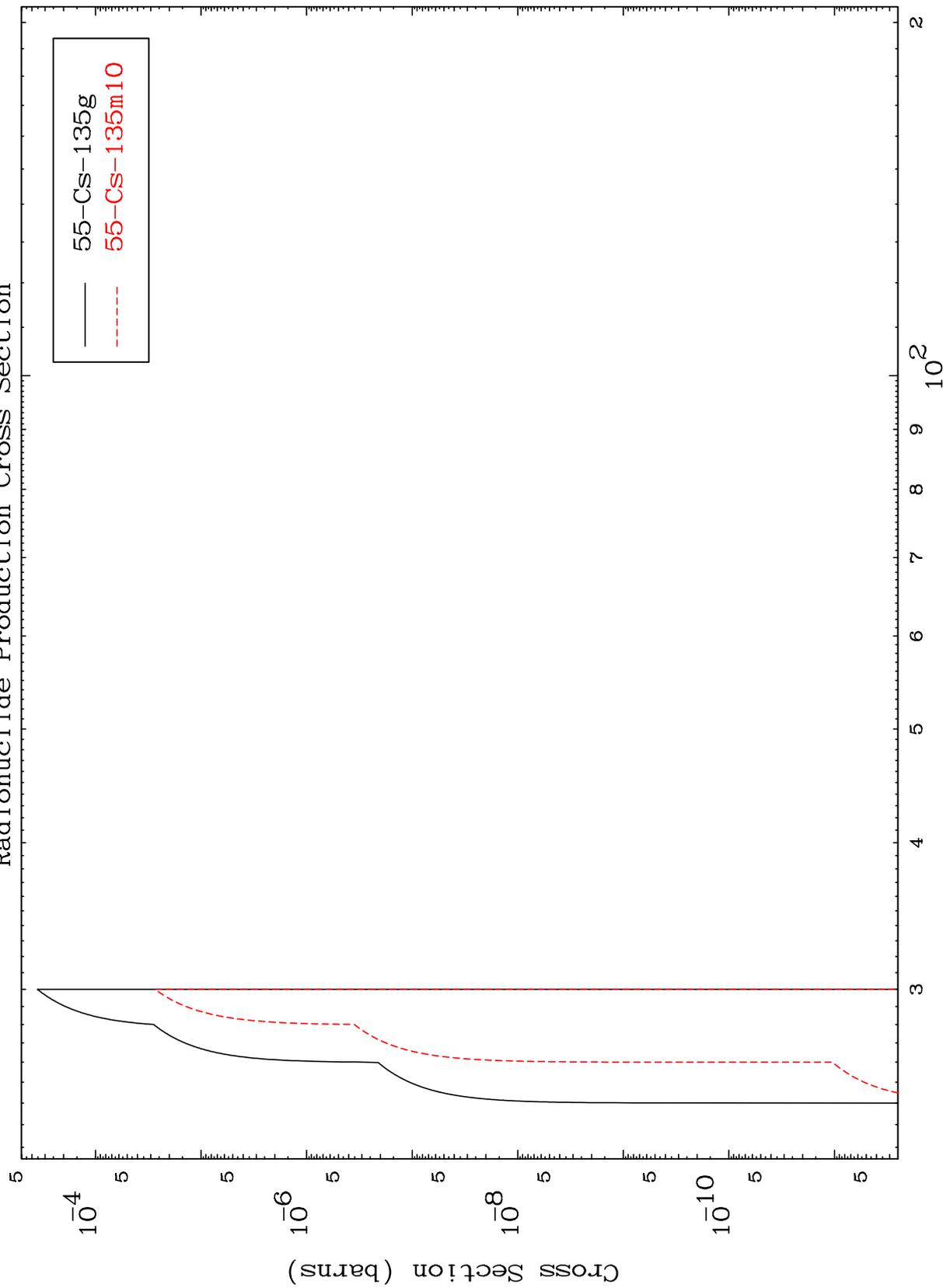
54-Xe-134

MAT 5455

(n,2n) p

54-Xe-134

Radionuclide Production Cross Section



18

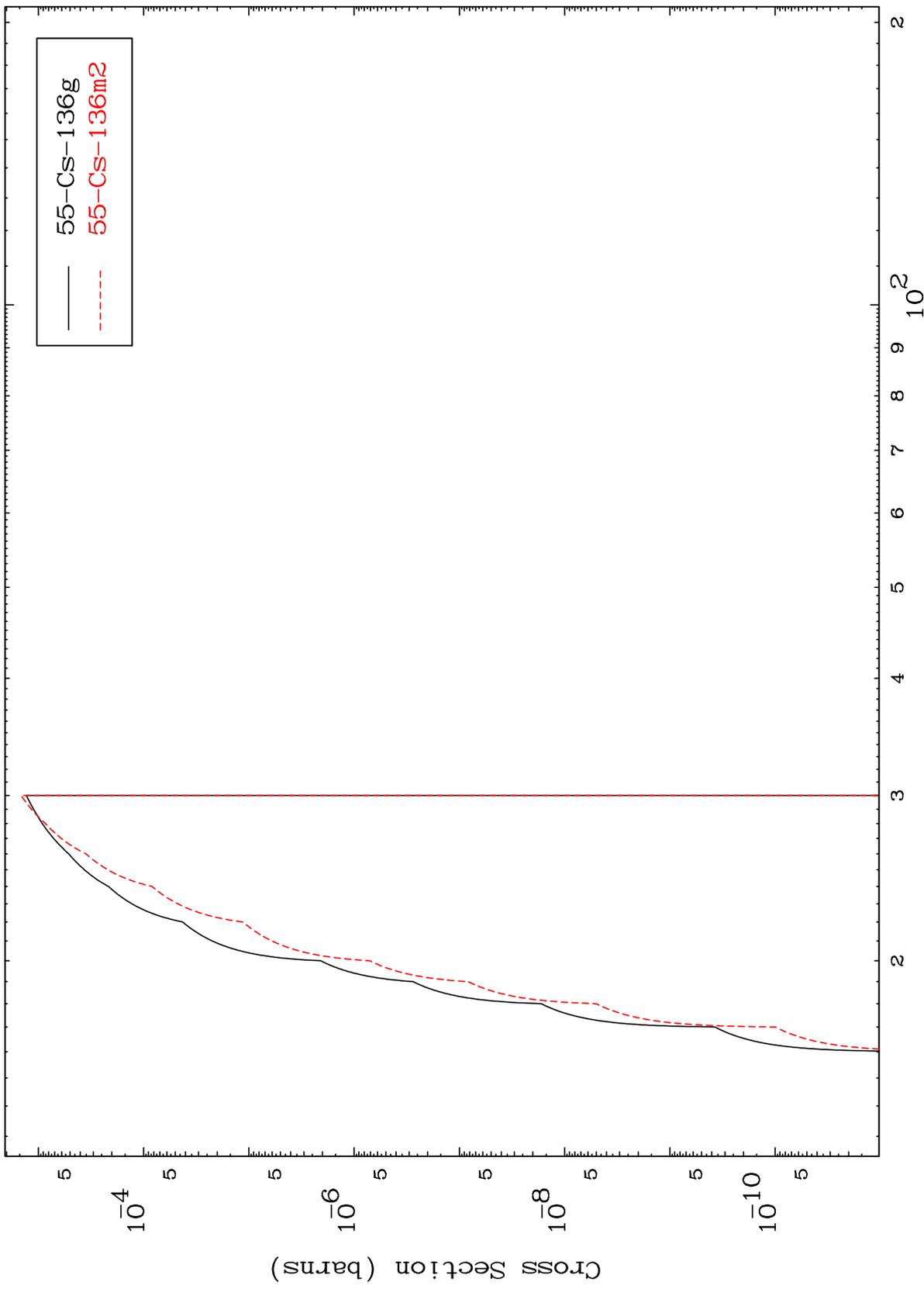
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n,d)
Radionuclide Production Cross Section



19

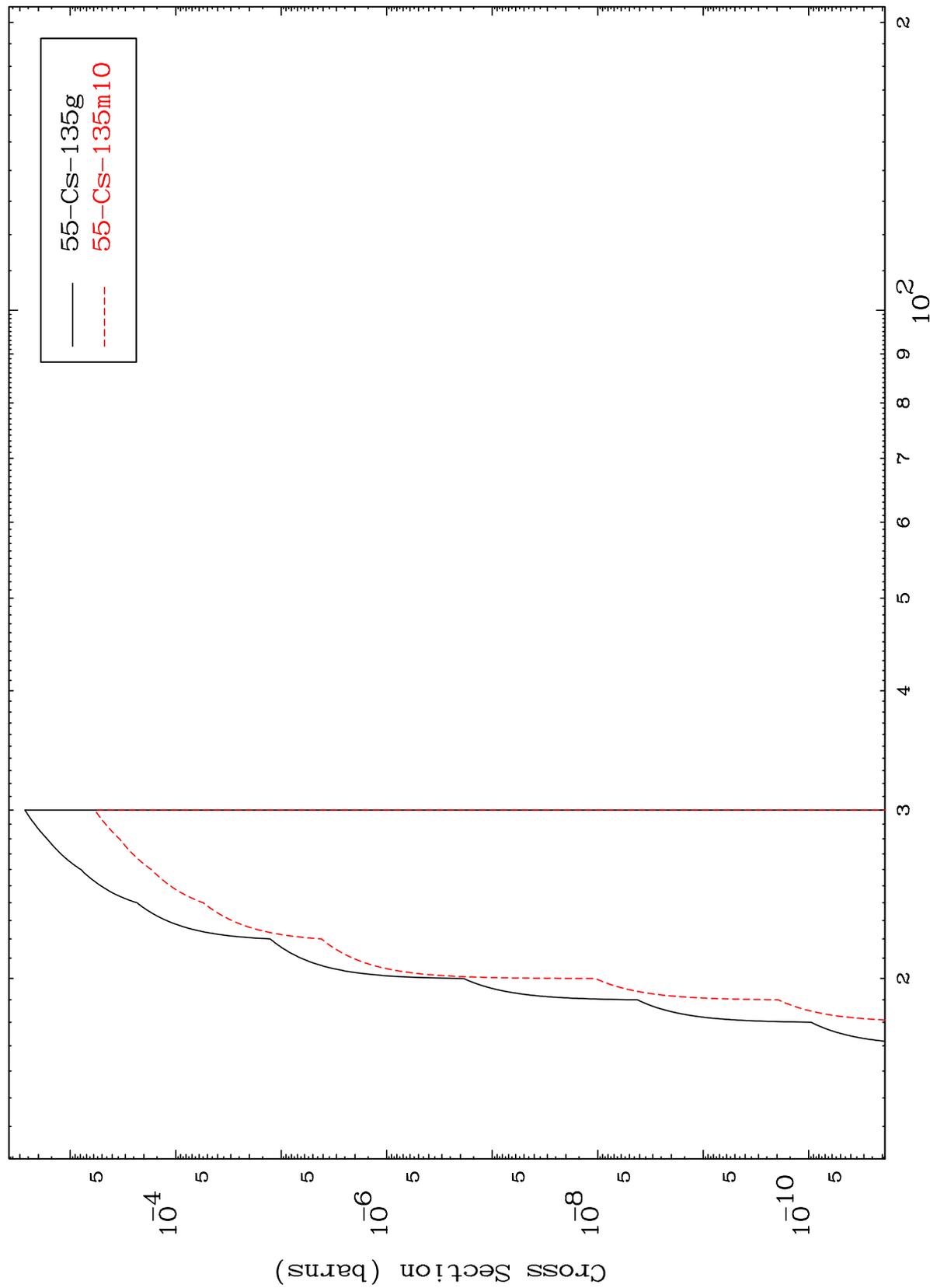
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

(n, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

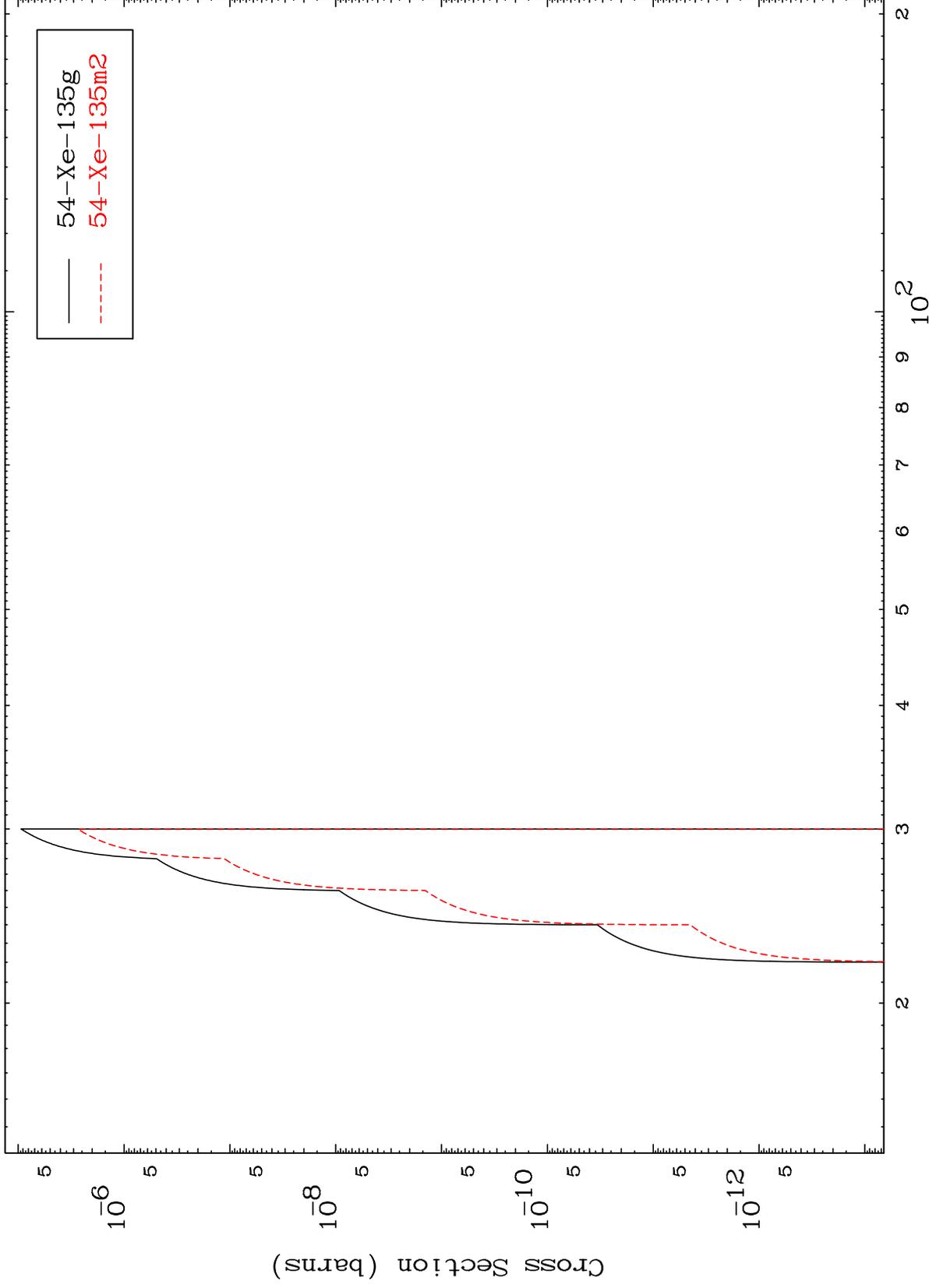
54-Xe-134

MAT 5455

(n,He-3)

54-Xe-134

Radionuclide Production Cross Section



21

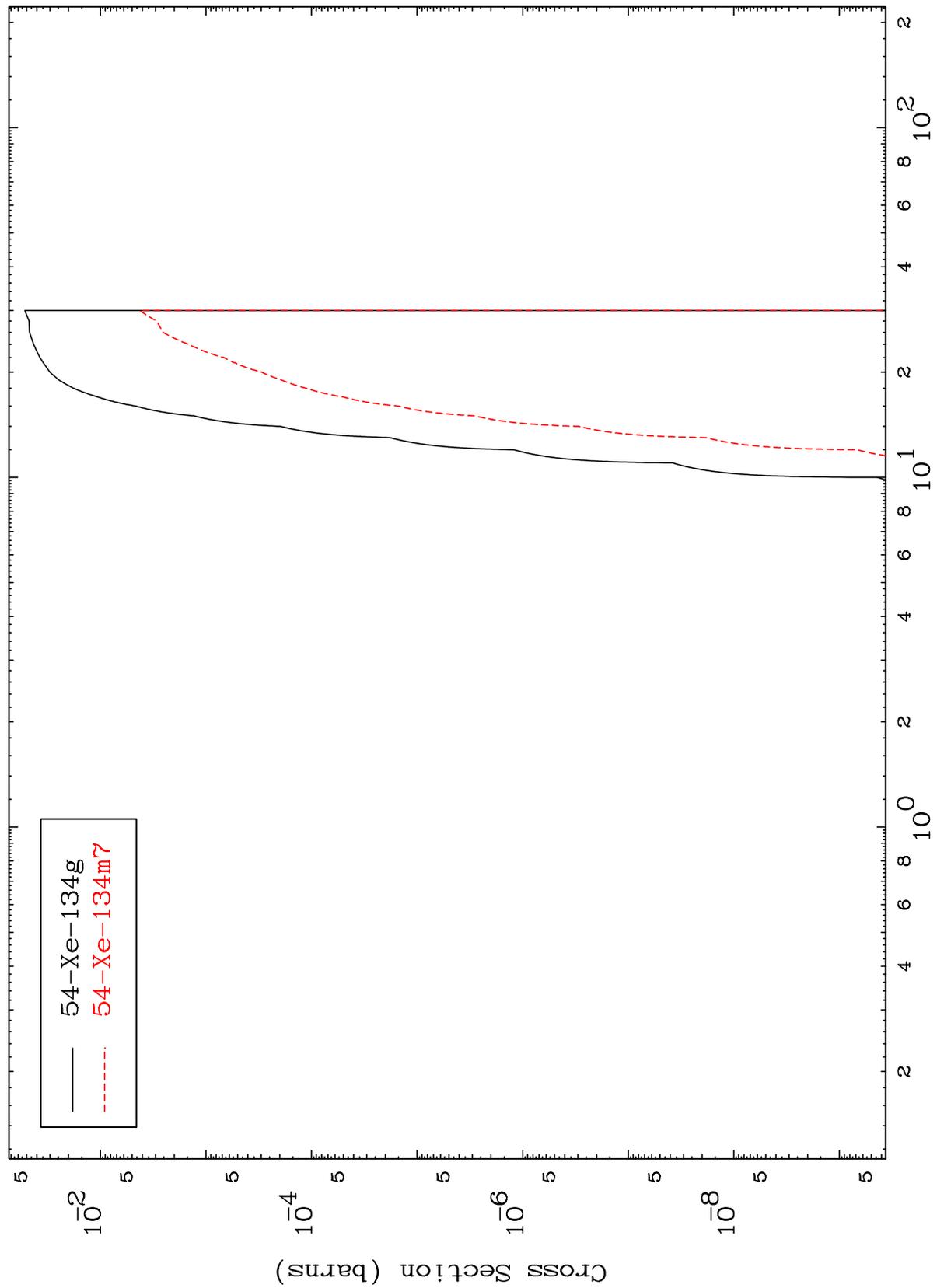
Incident Energy (MeV)

54-Xe-134

MAT 5455

54-Xe-134

Radionuclide Production Cross Section
(n, α)



54-Xe-134g
54-Xe-134m7

54-Xe-134

Incident Energy (MeV)

22

MAT 5455

(n,p) α

54-Xe-134

