

Program EVALPLOT
(Version 2021-1)

by

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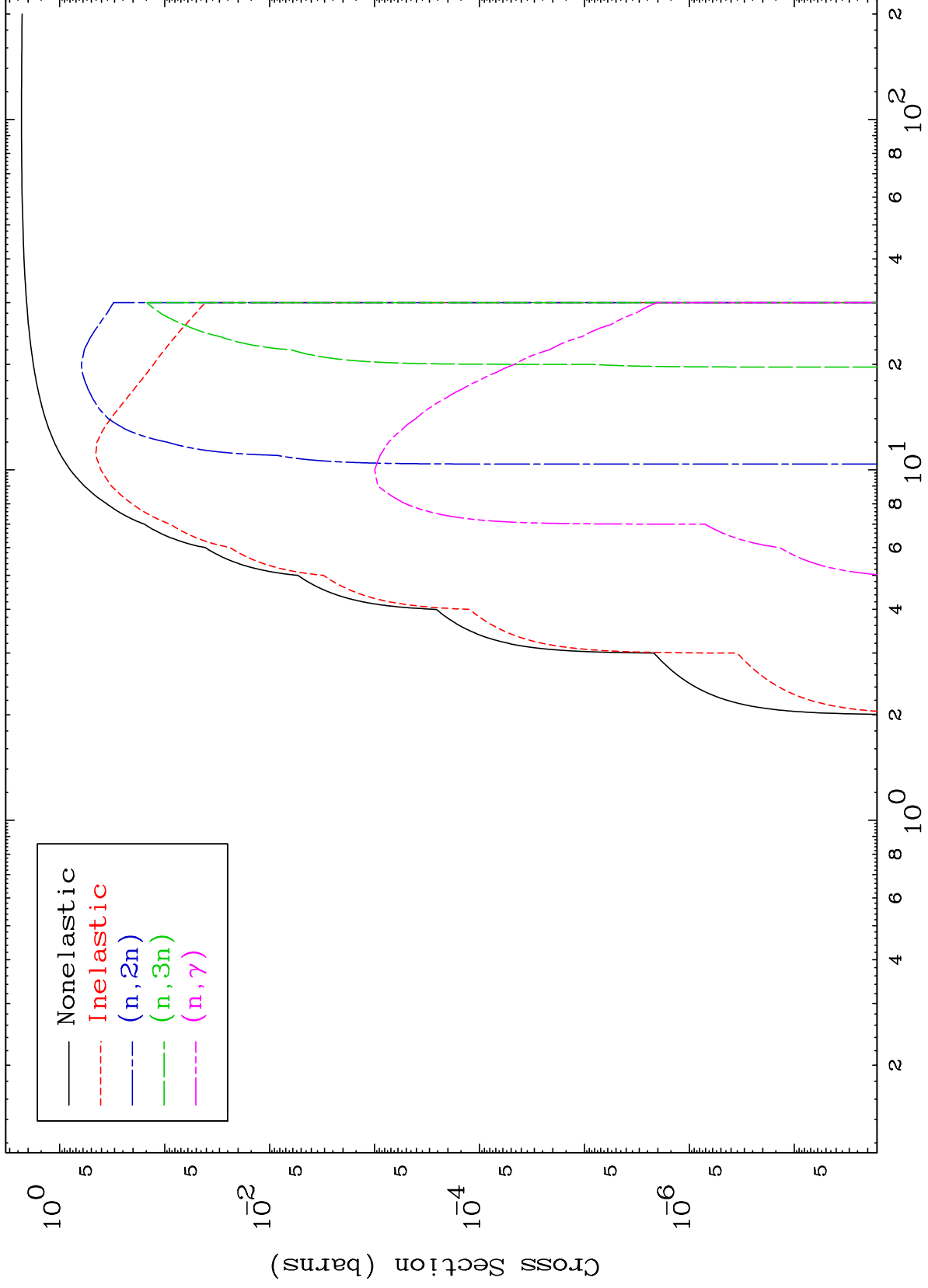
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5419

Deuteron Major
0 Kelvin Cross Sections

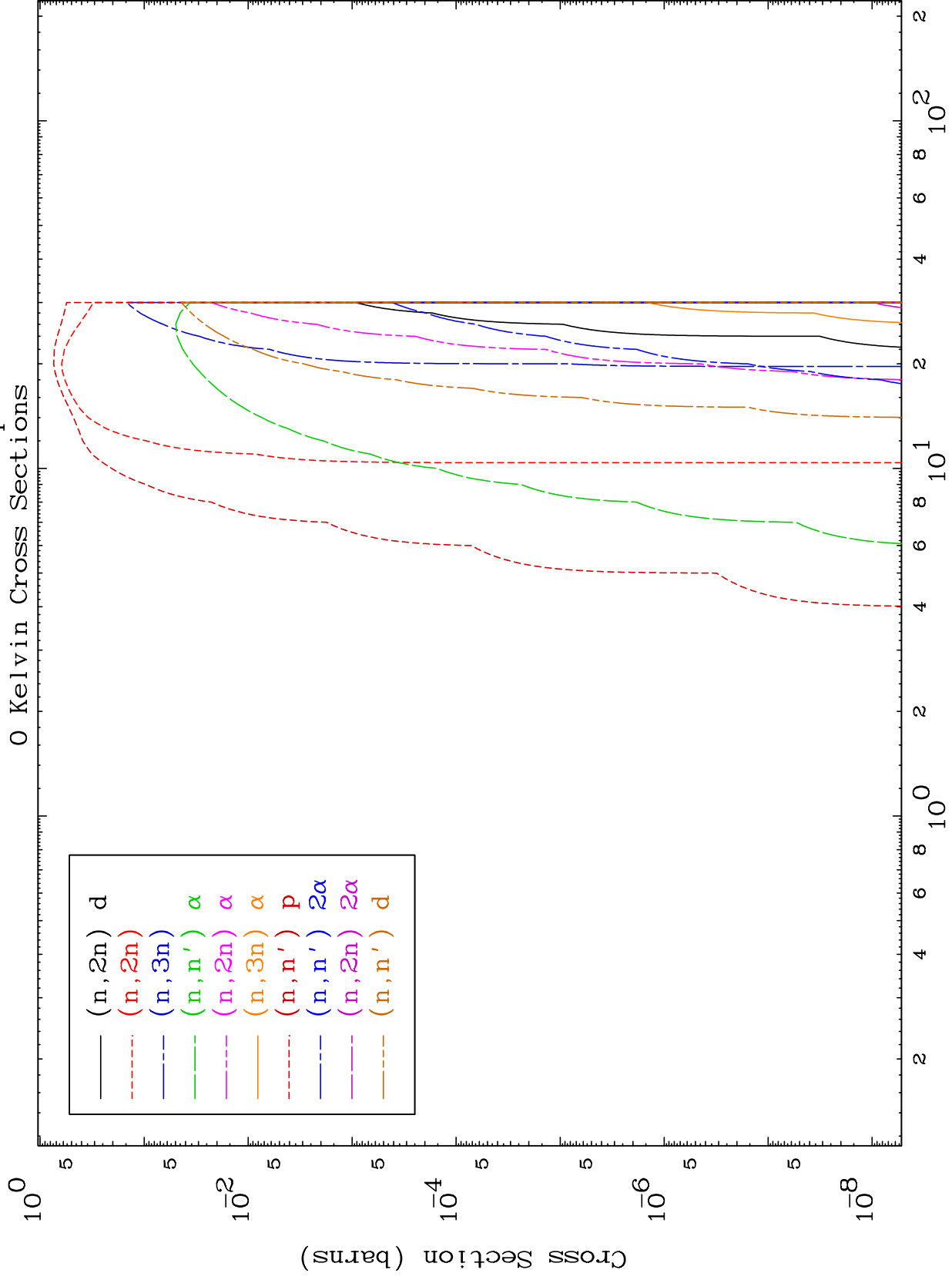
54-Xe-122

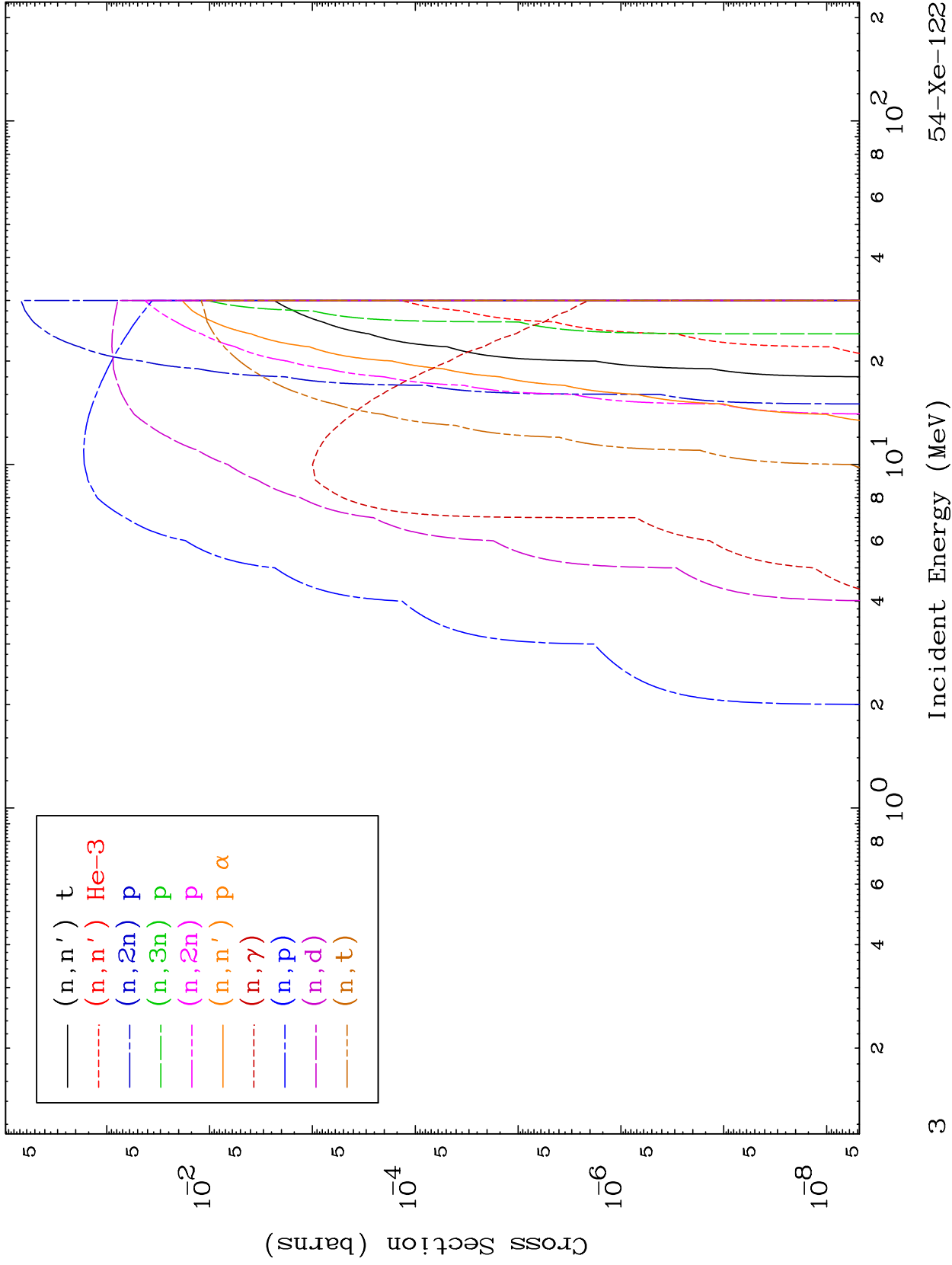


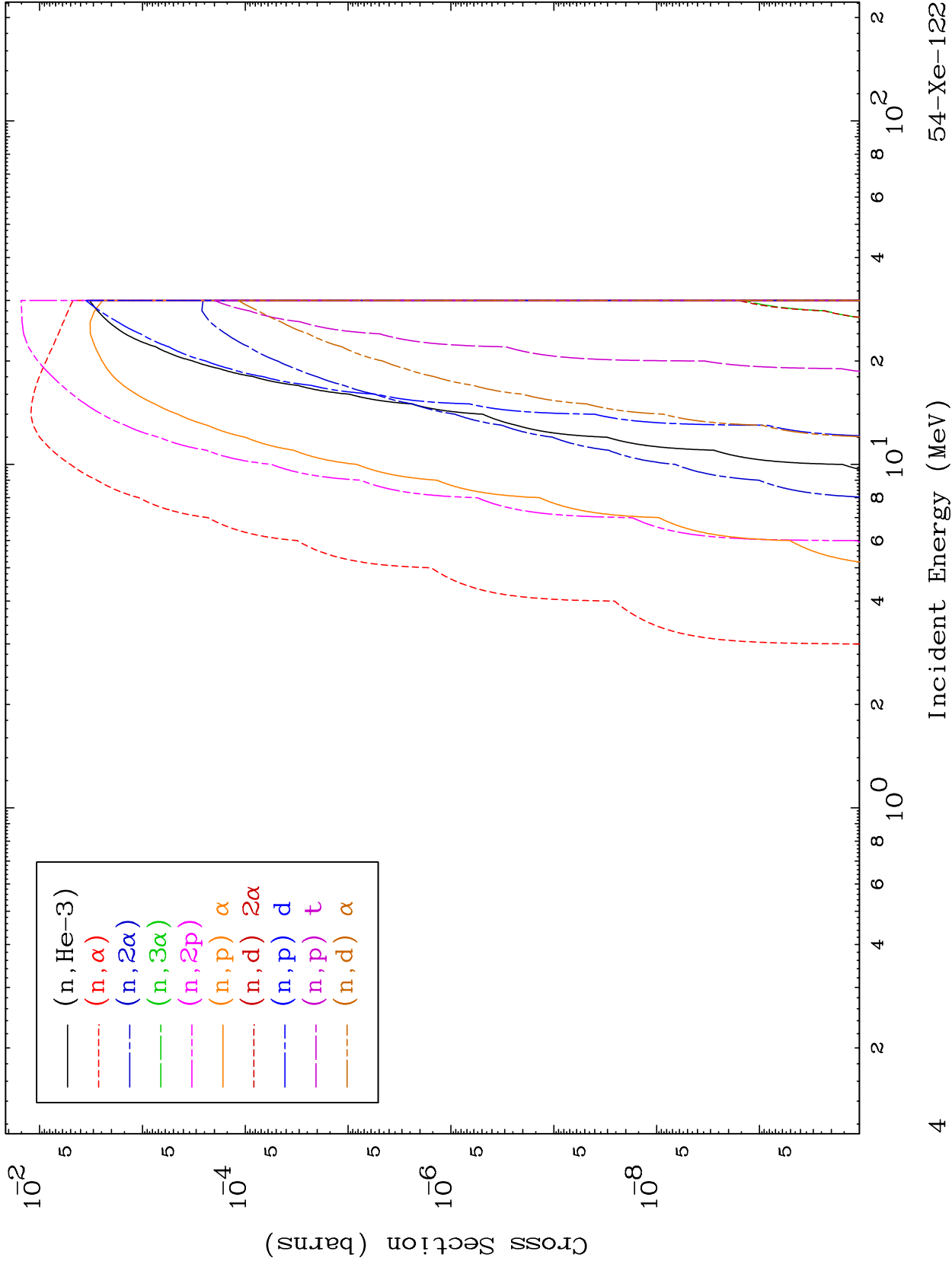
MAT 5419

Deuteron Neutron Absorption
0 Kelvin Cross Sections

54-Xe-122



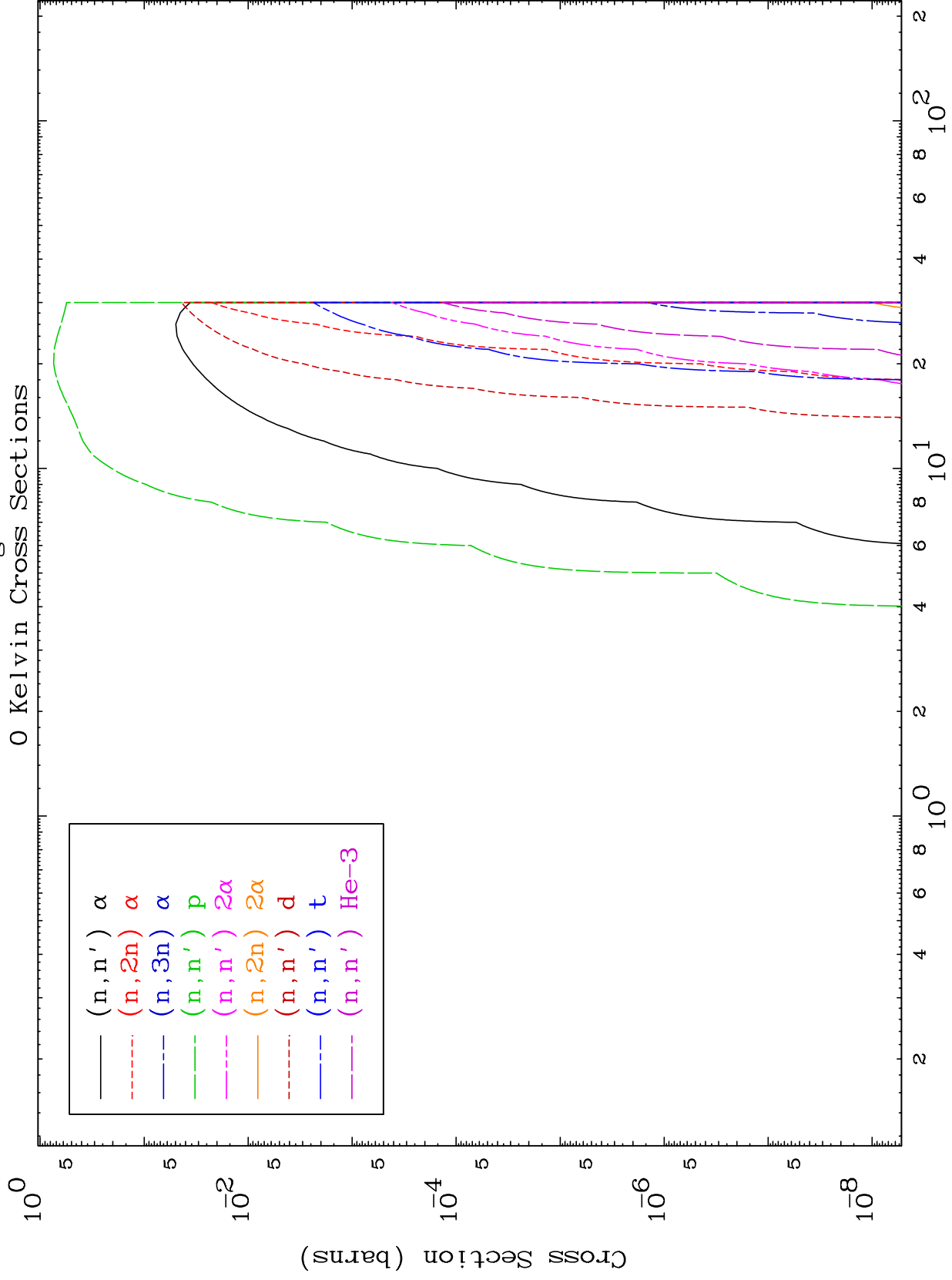




MAT 5419

Deuteron Charged Particle
0 Kelvin Cross Sections

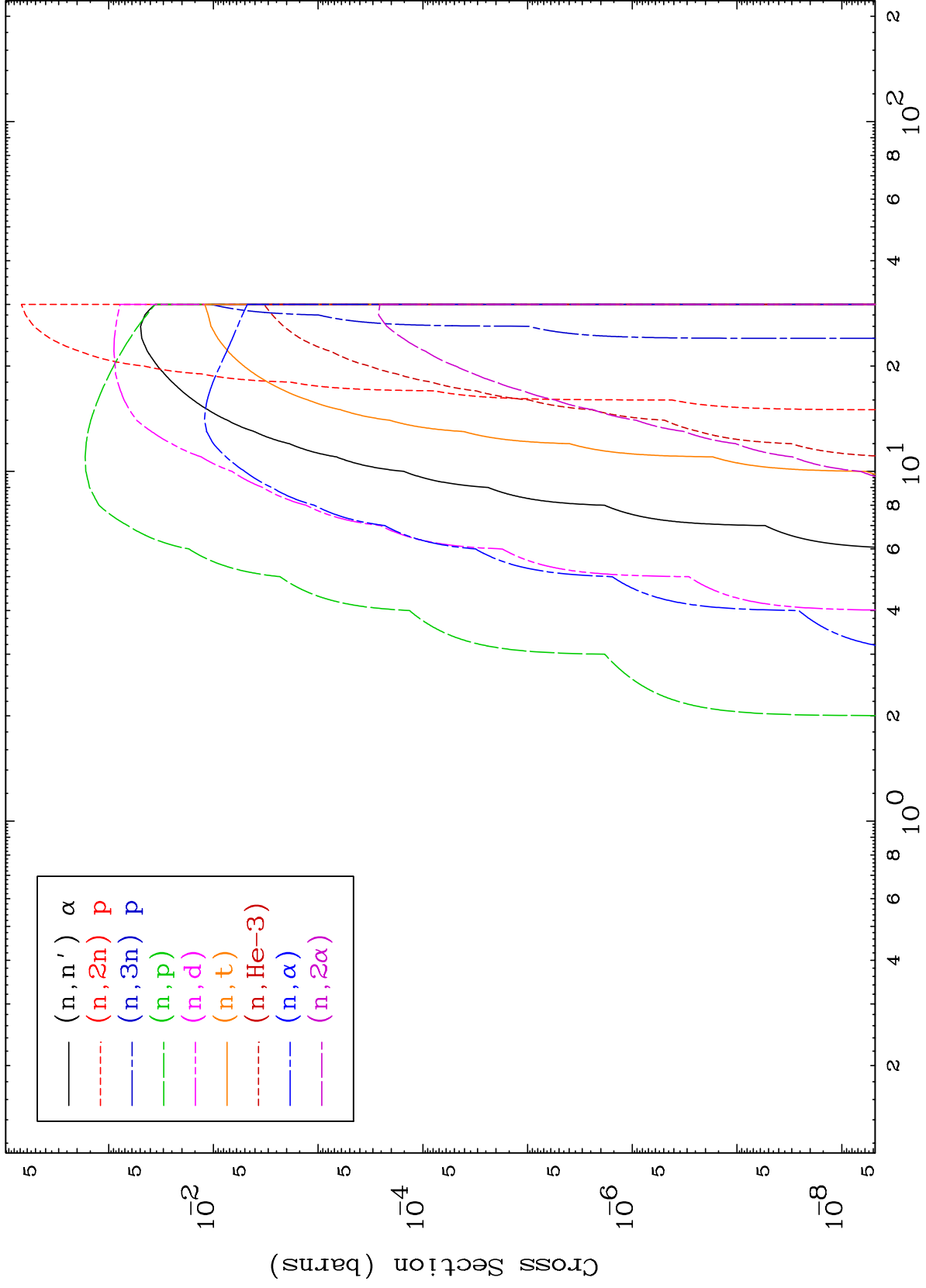
54-Xe-122



MAT 5419

Deuteron Charged Particle
0 Kelvin Cross Sections

54-Xe-122



6

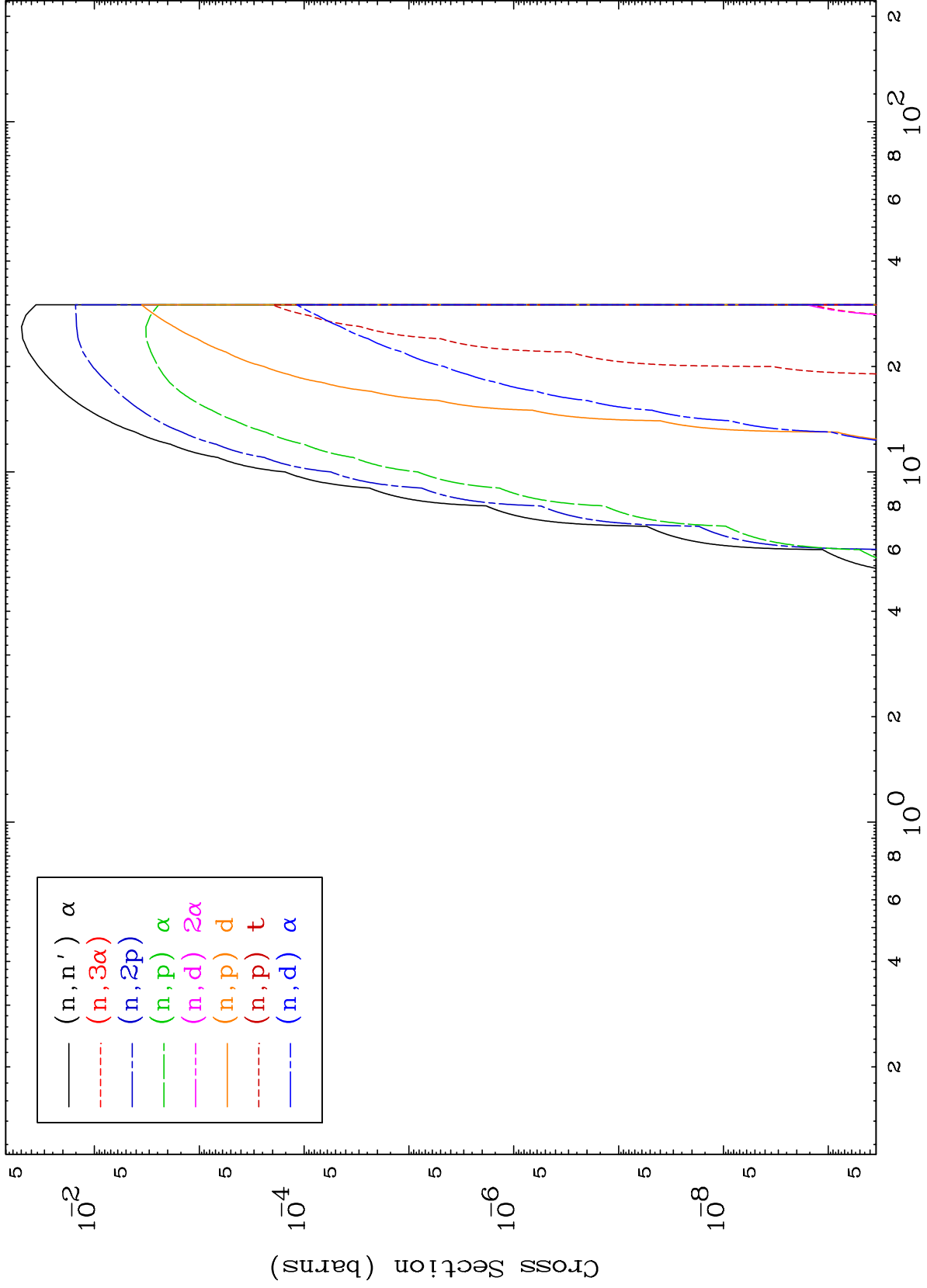
Incident Energy (MeV)

54-Xe-122

MAT 5419

Deuteron Charged Particle
0 Kelvin Cross Sections

54-Xe-122

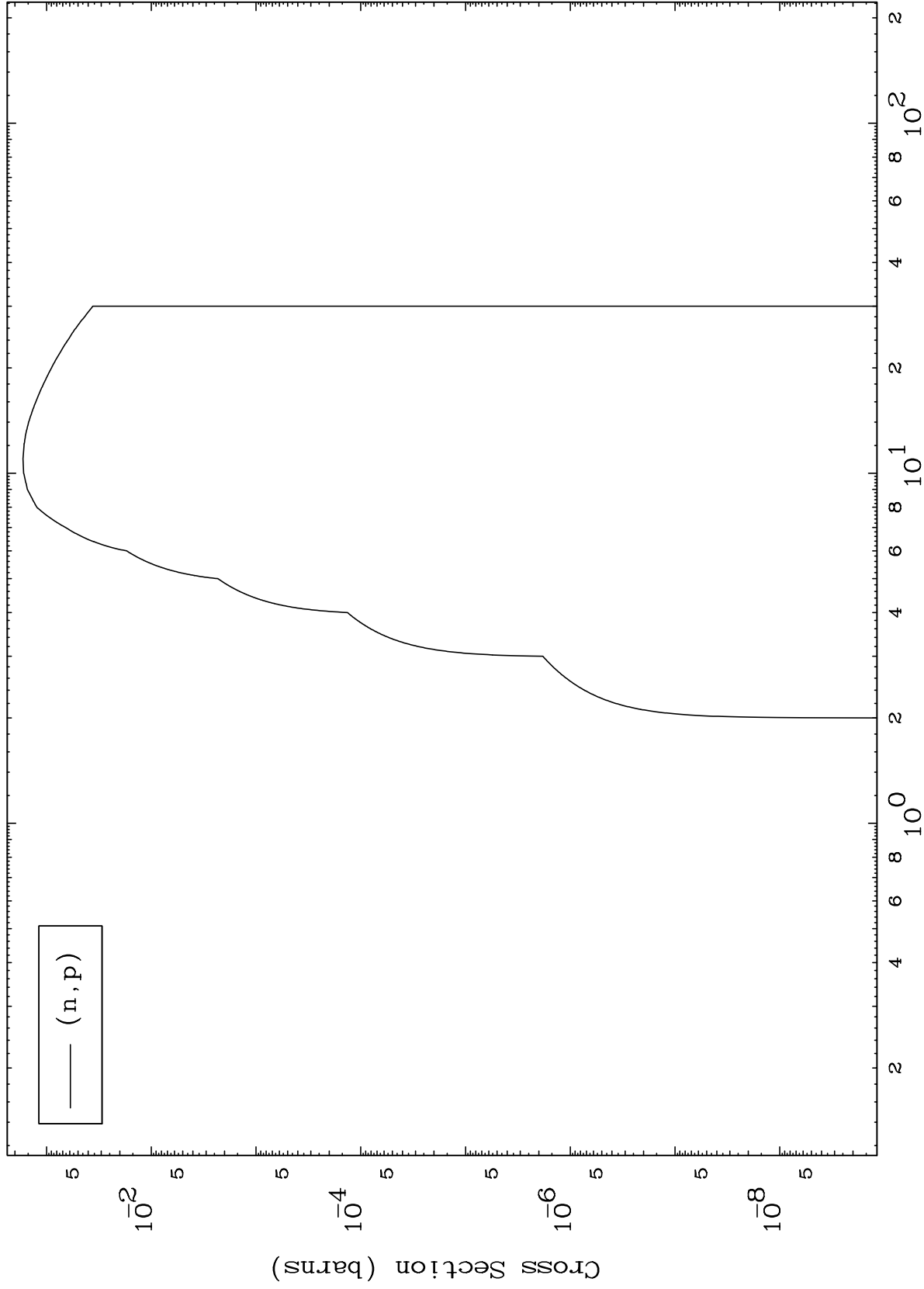


MAT 5419

(d,p) Levels

54-Xe-122

0 Kelvin Cross Sections



8

Incident Energy (MeV)

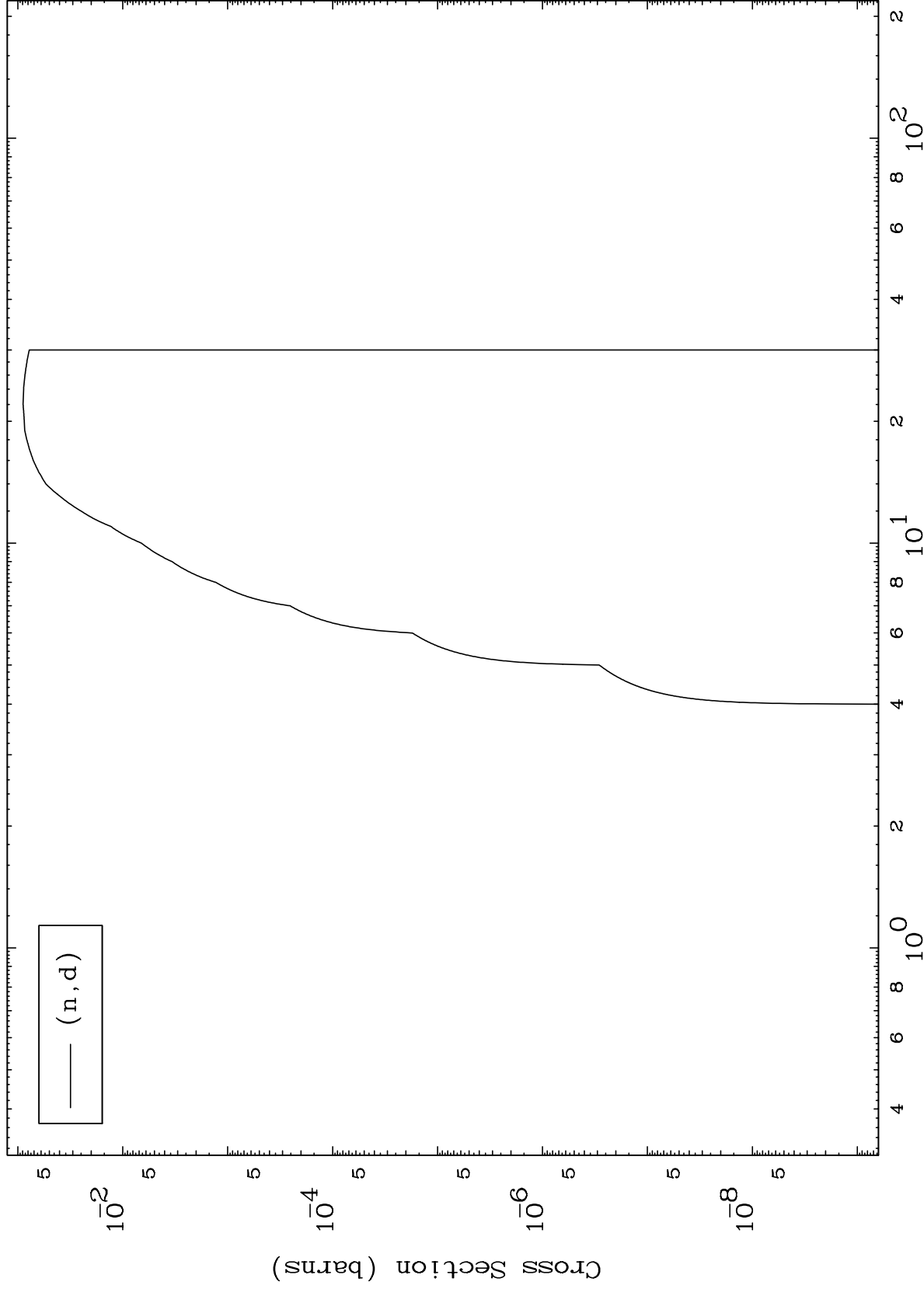
54-Xe-122

MAT 5419

(d,d) Levels

54-Xe-122

0 Kelvin Cross Sections



9

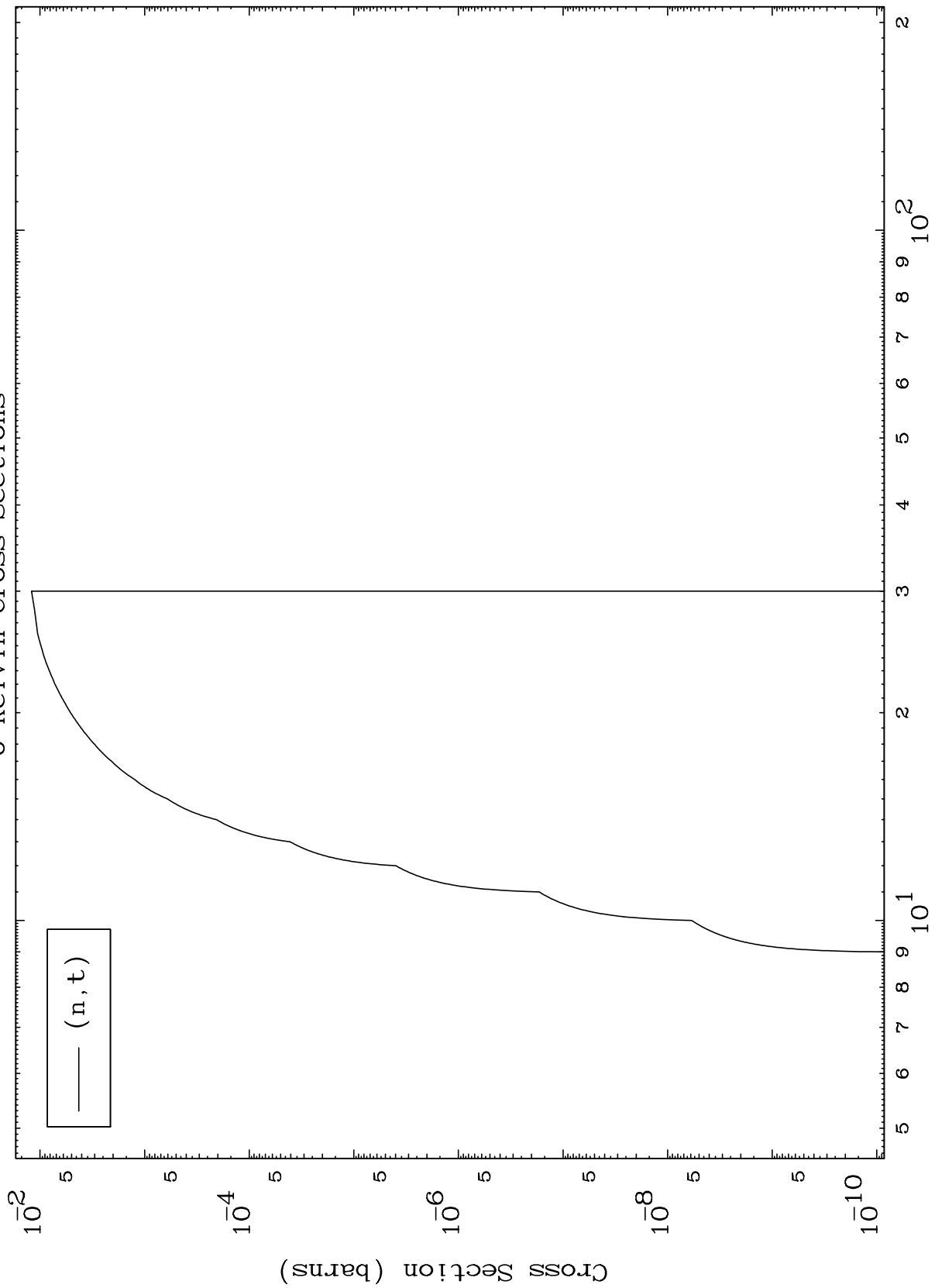
Incident Energy (MeV)

54-Xe-122

MAT 5419

(d,t) Levels
0 Kelvin Cross Sections

54-Xe-122



10

Incident Energy (MeV)

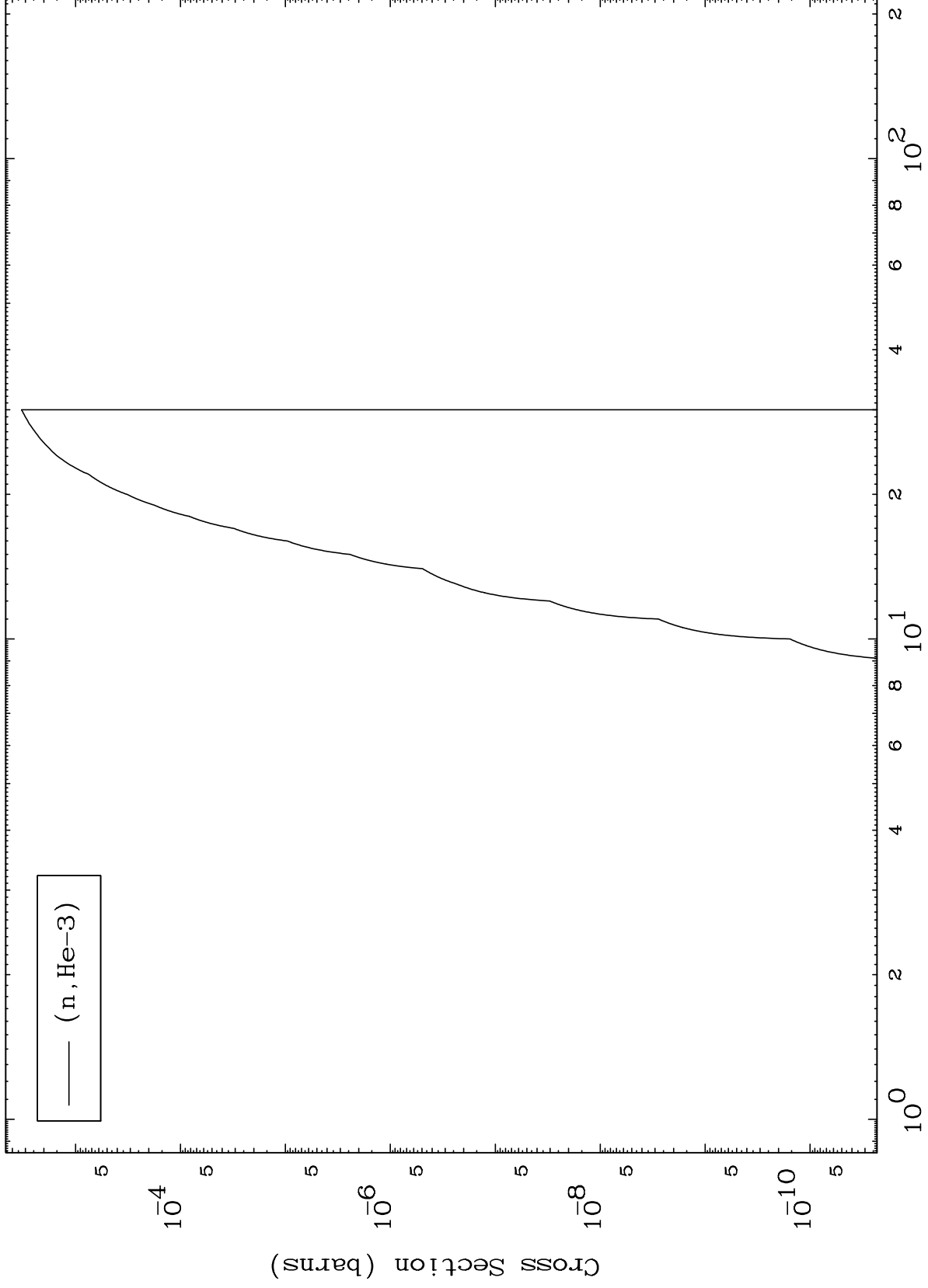
54-Xe-122

MAT 5419

(d,He3) Levels

54-Xe-122

0 Kelvin Cross Sections



11

Incident Energy (MeV)

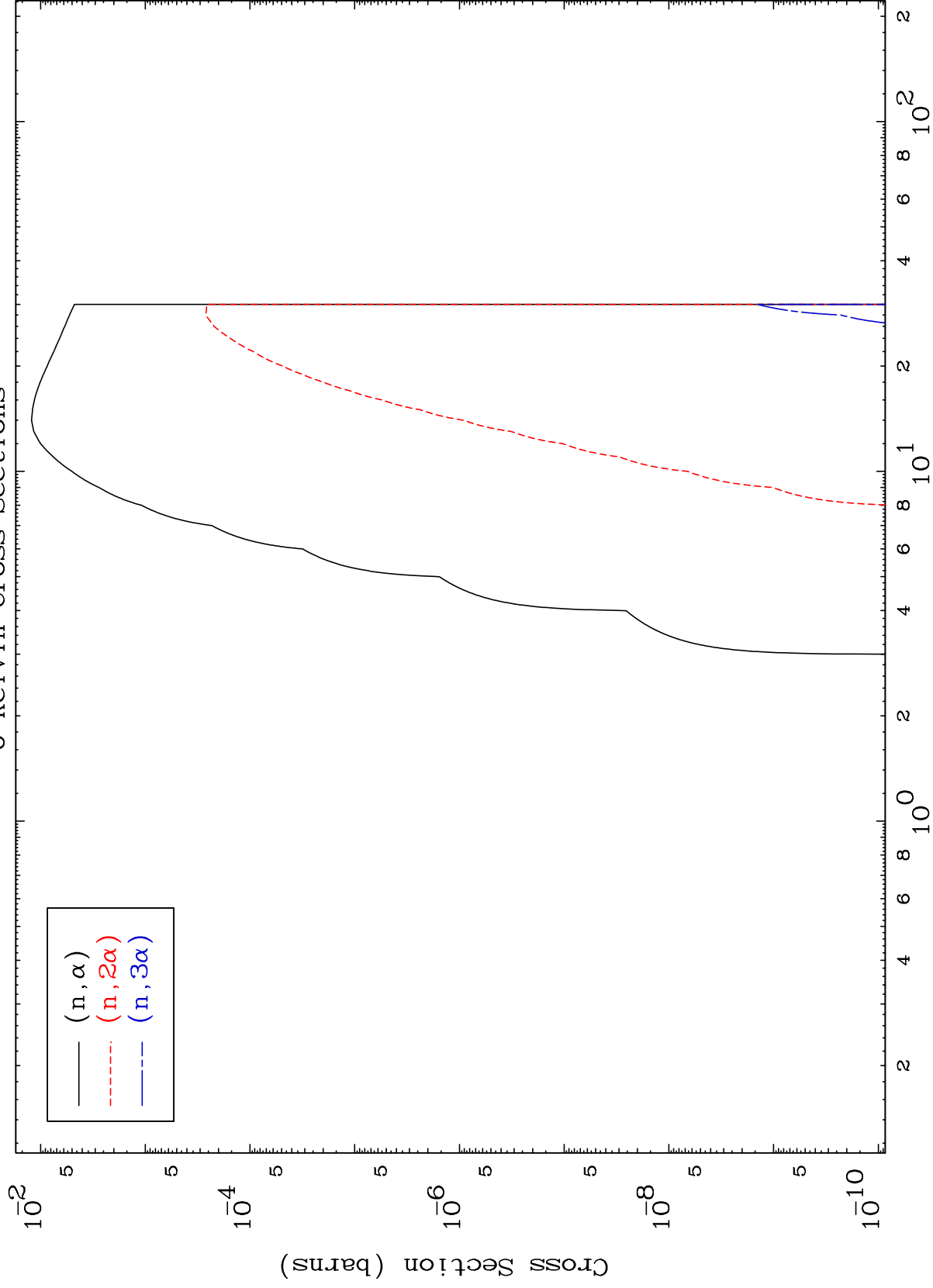
54-Xe-122

MAT 5419

(d, α) Levels

54-Xe-122

0 Kelvin Cross Sections



12

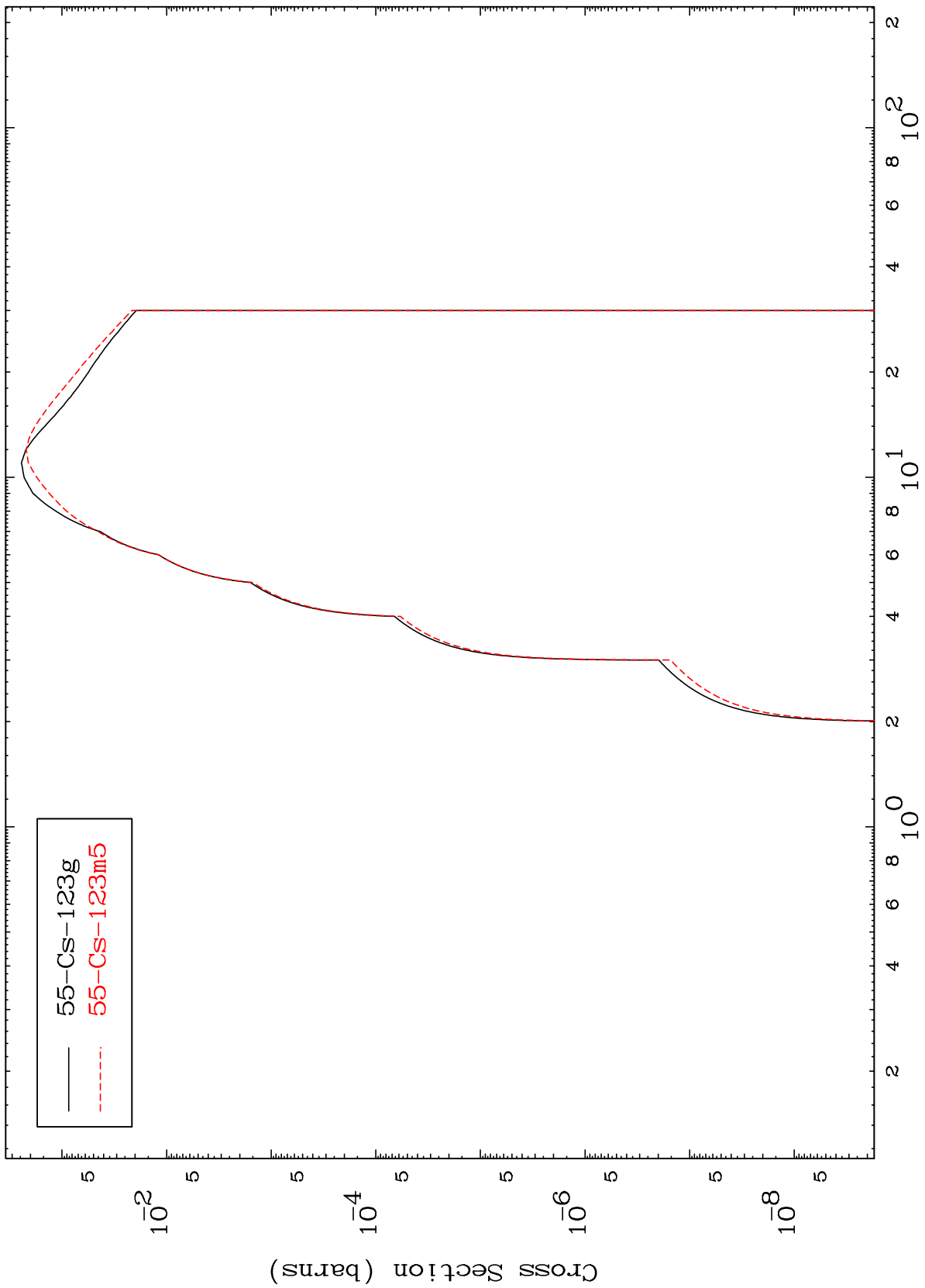
Incident Energy (MeV)

54-Xe-122

MAT 5419

54-Xe-122

Radionuclide Production Cross Section



55-Cs-123g
55-Cs-123m5

54-Xe-122

Incident Energy (MeV)

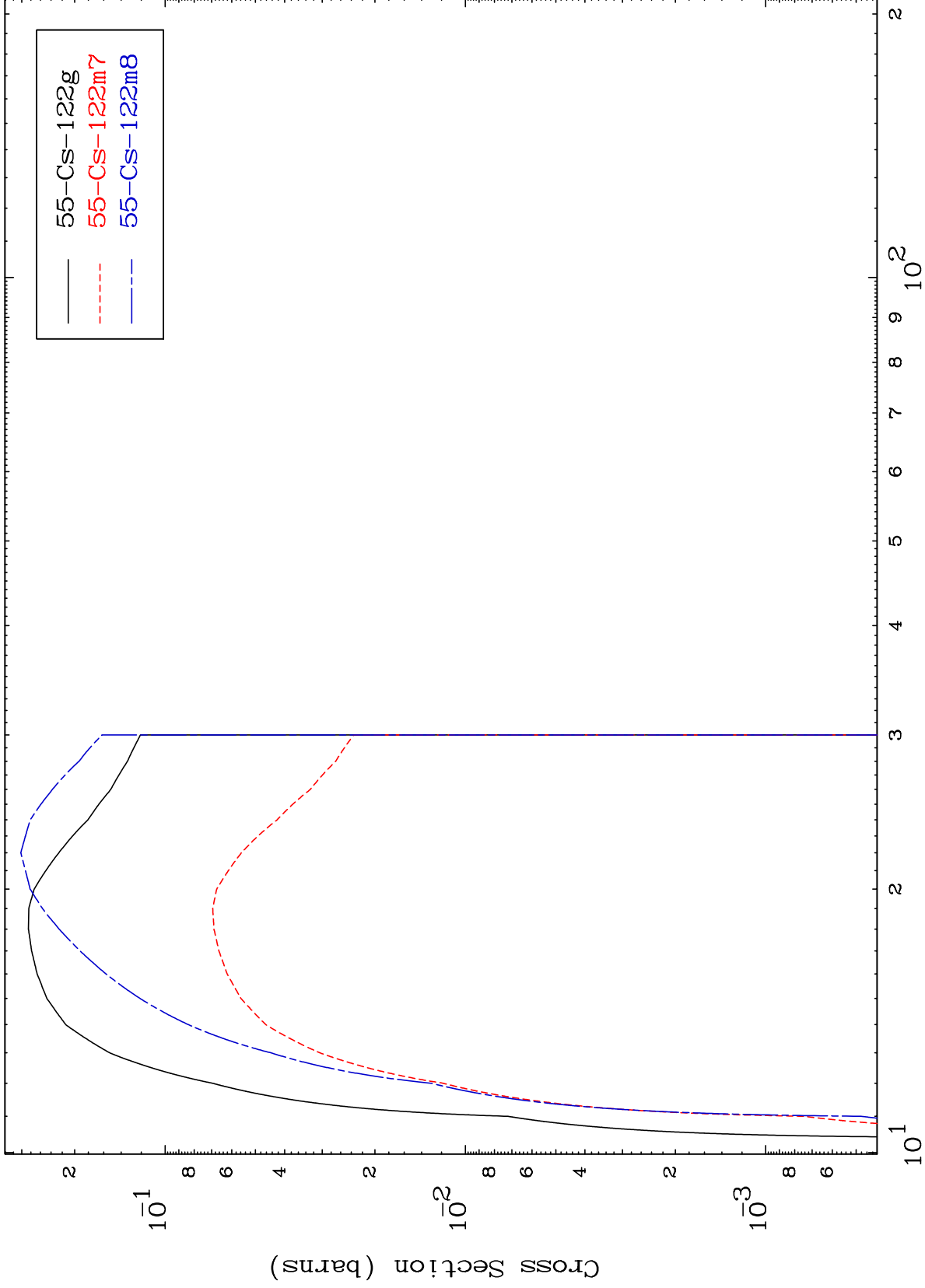
13

MAT 5419

(n,2n)

54-Xe-122

Radionuclide Production Cross Section



14

Incident Energy (MeV)

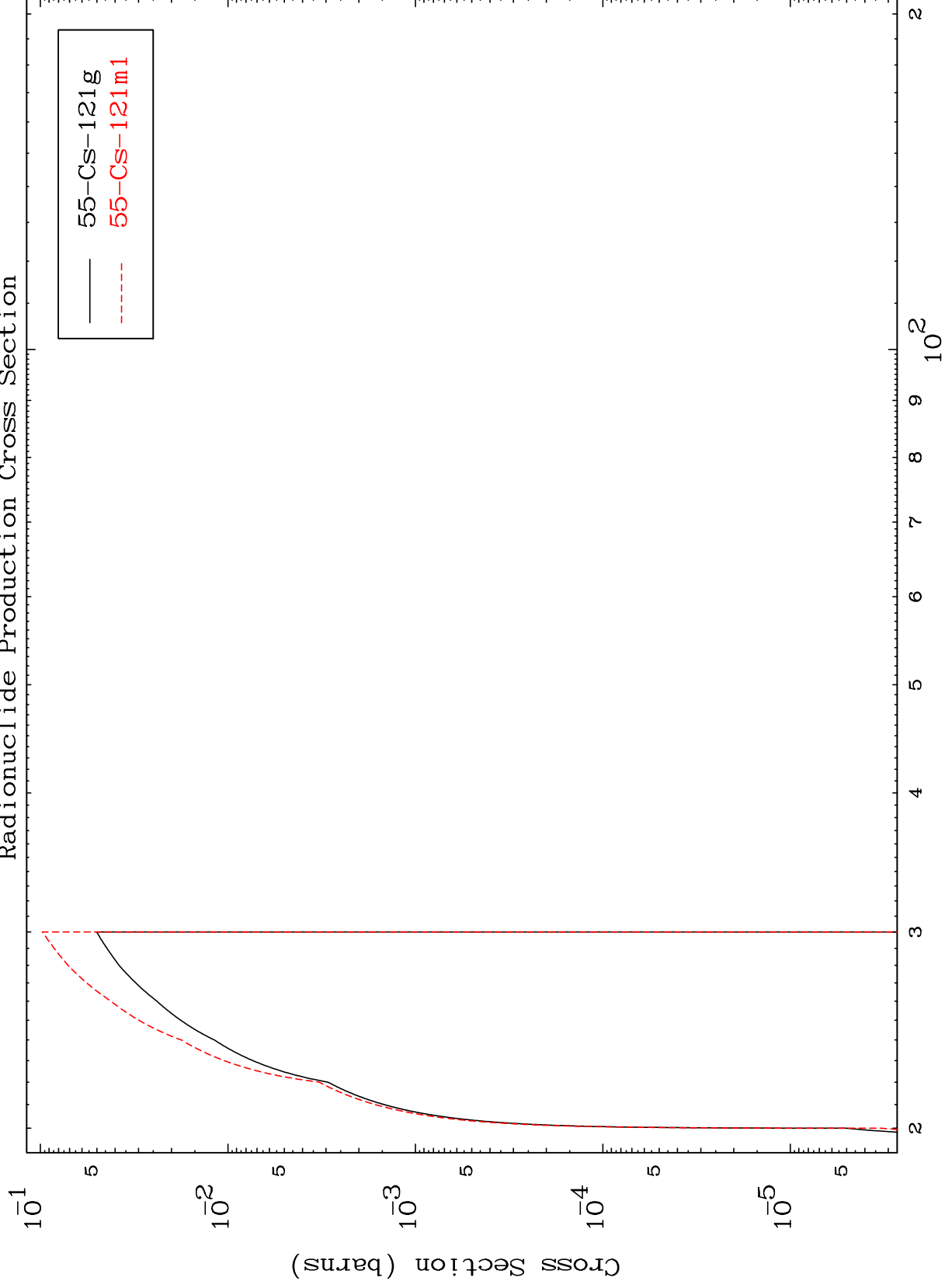
54-Xe-122

MAT 5419

(n,3n)

54-Xe-122

Radionuclide Production Cross Section



15

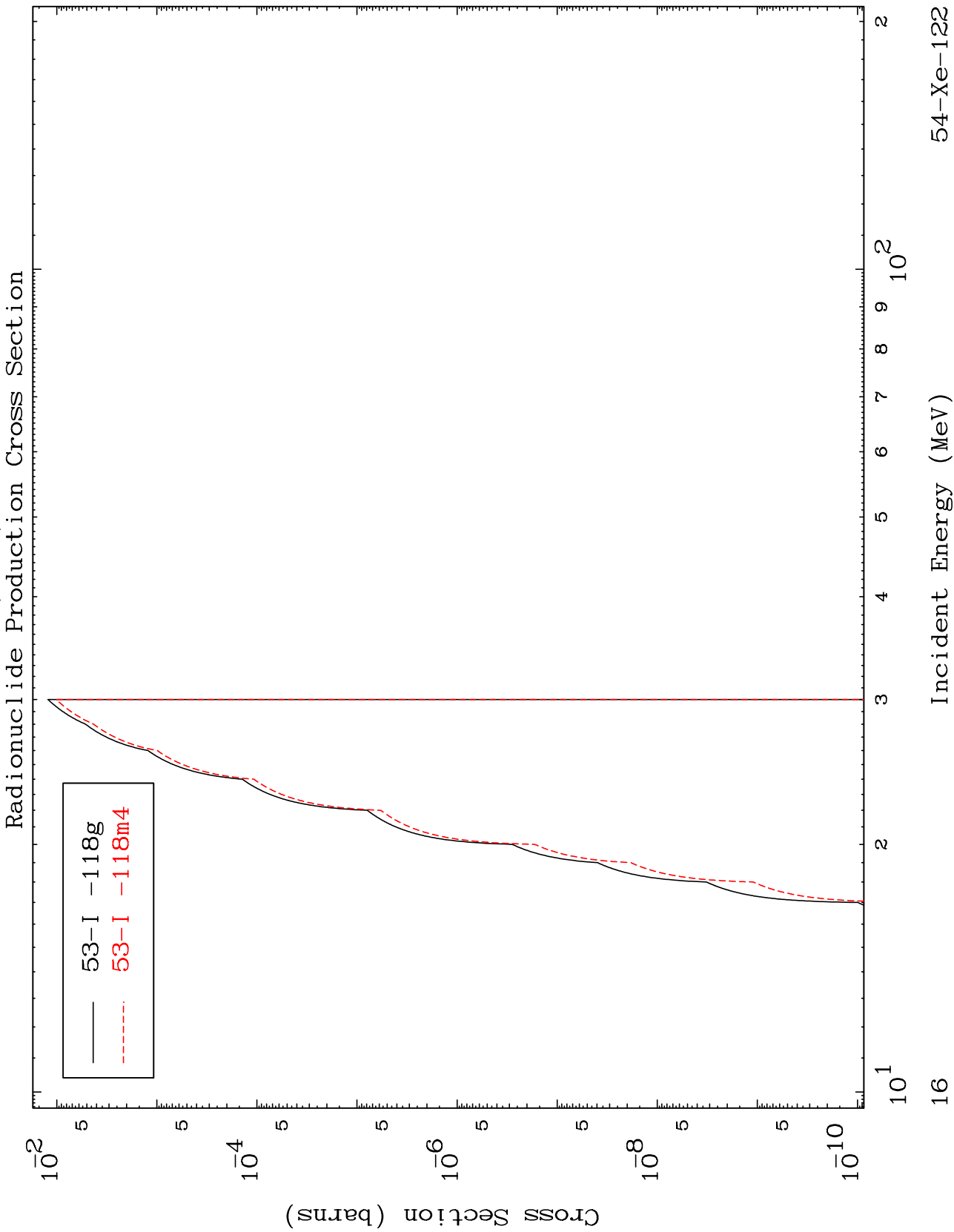
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,2n) α

54-Xe-122



16

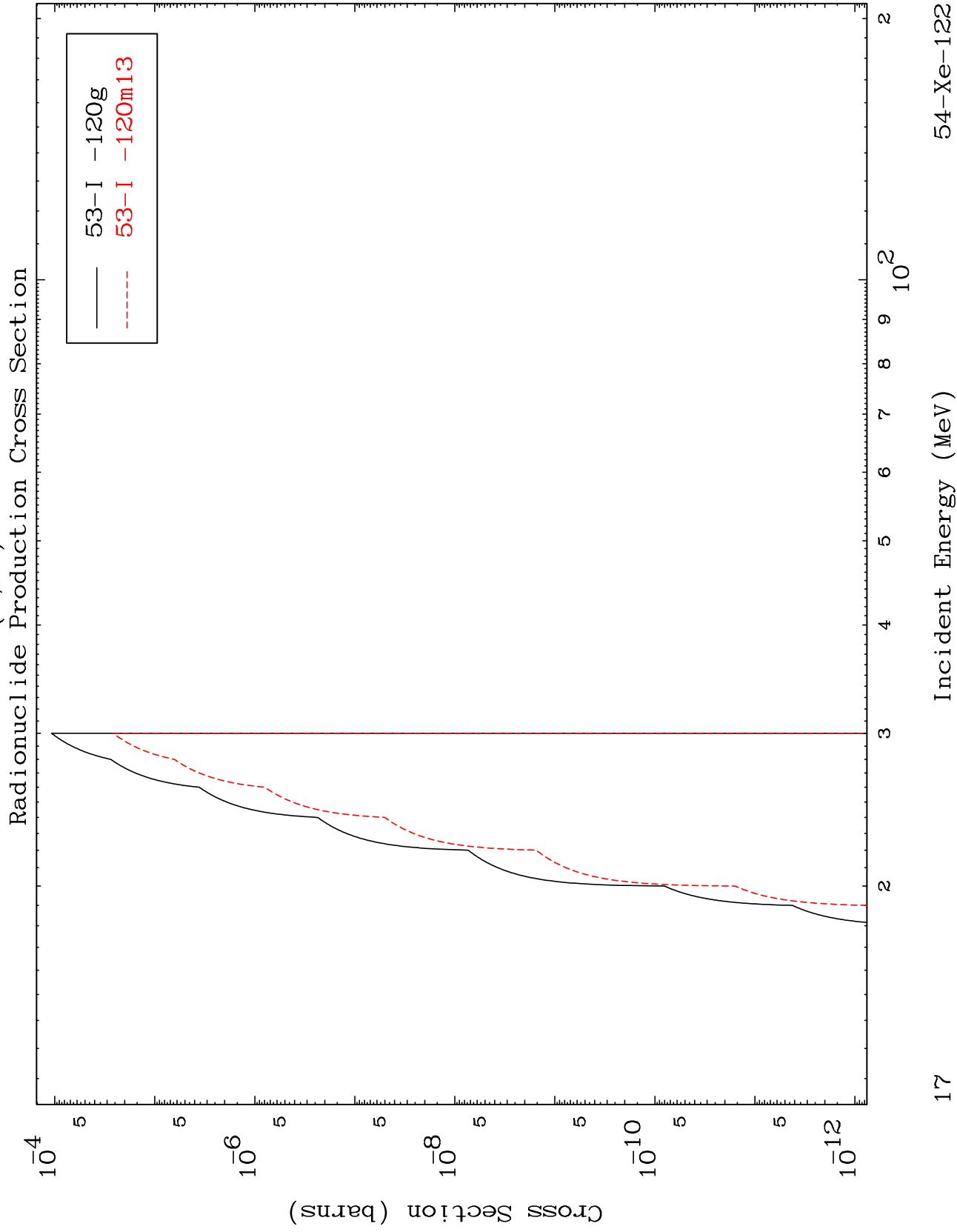
Incident Energy (MeV)

54-Xe-122

MAT 5419

(n,n') He-3

54-Xe-122



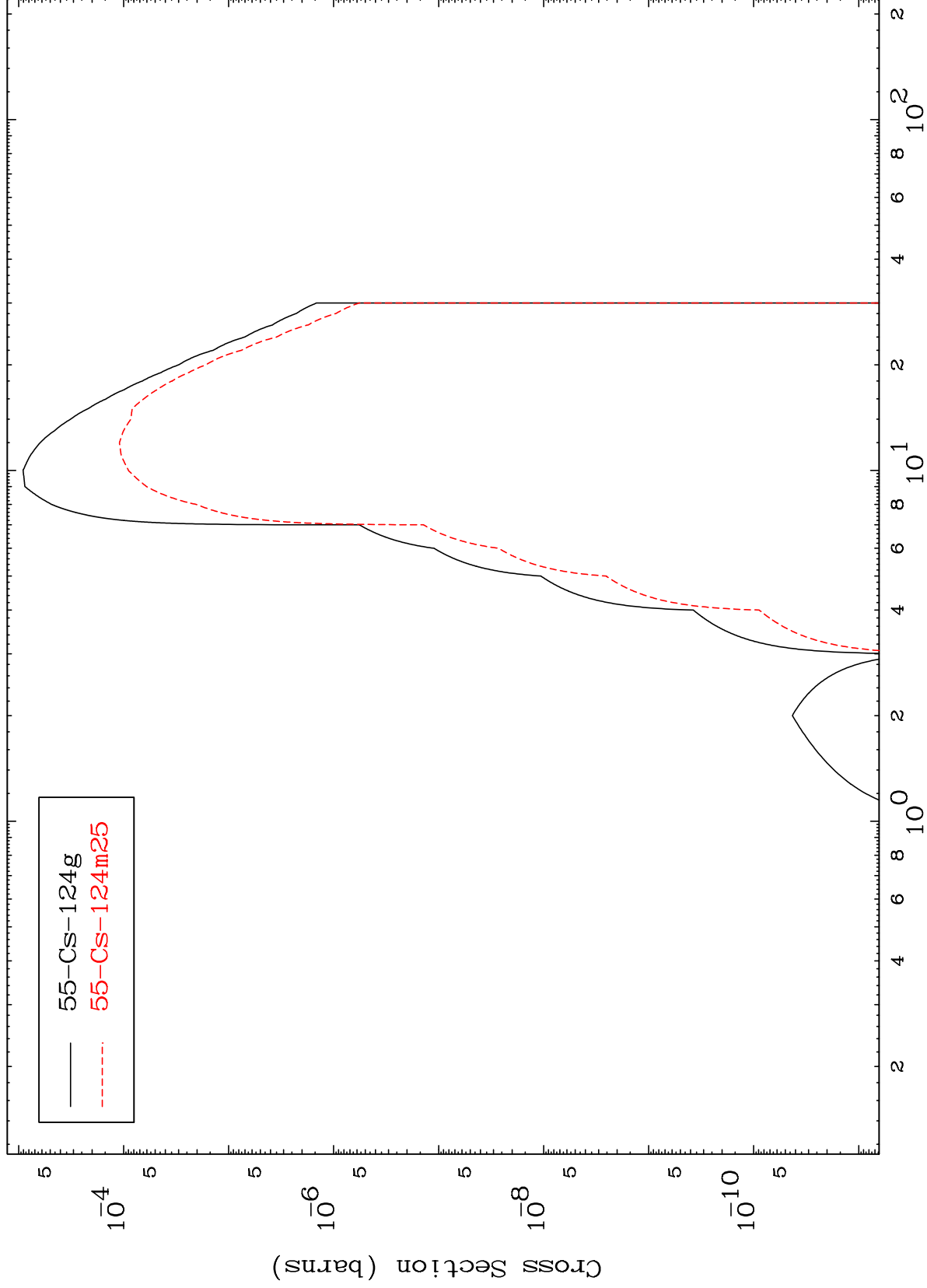
17

54-Xe-122

MAT 5419

54-Xe-122

(n, γ)
Radionuclide Production Cross Section



55-Cs-124g
55-Cs-124m25

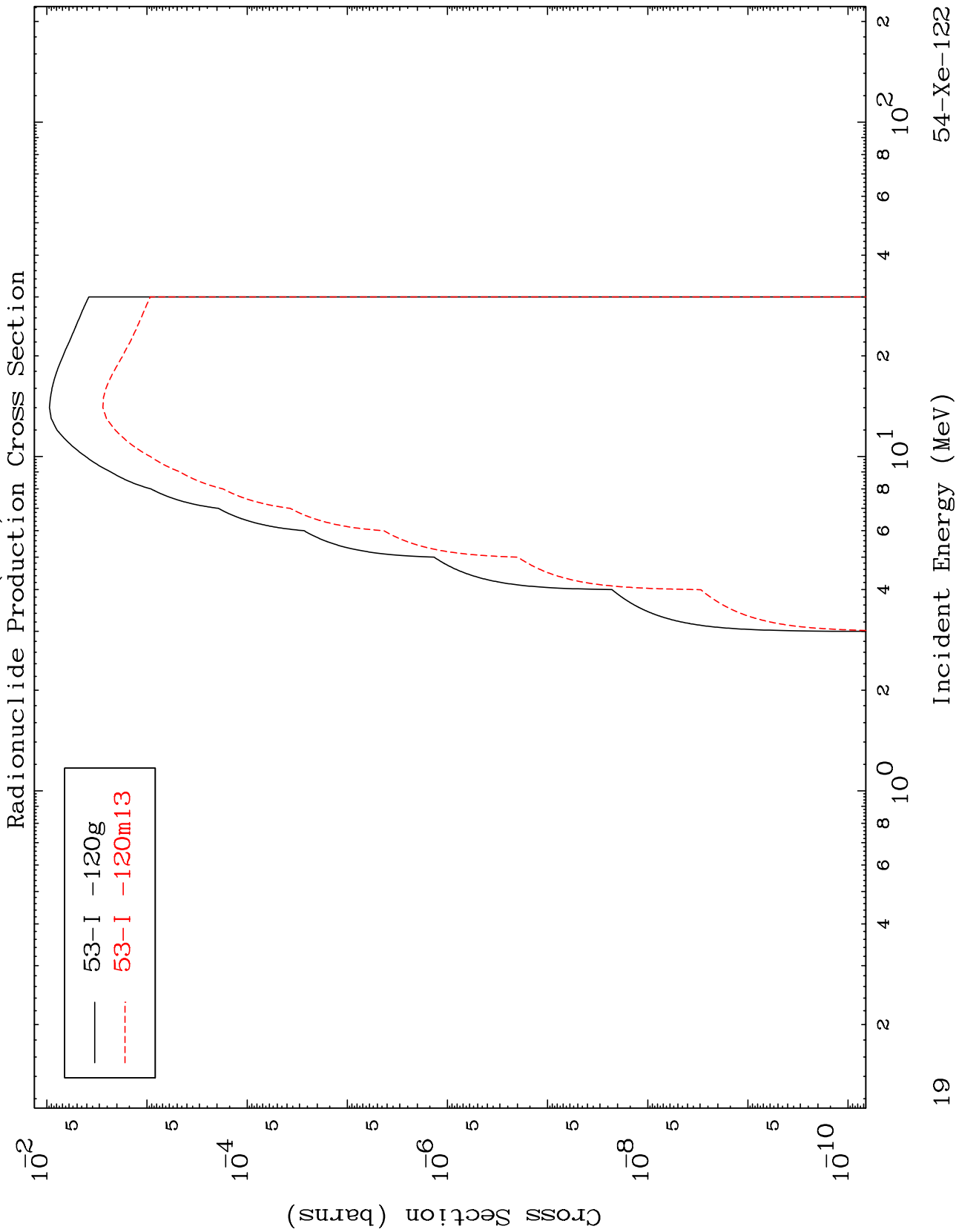
54-Xe-122

Incident Energy (MeV)

18

MAT 5419

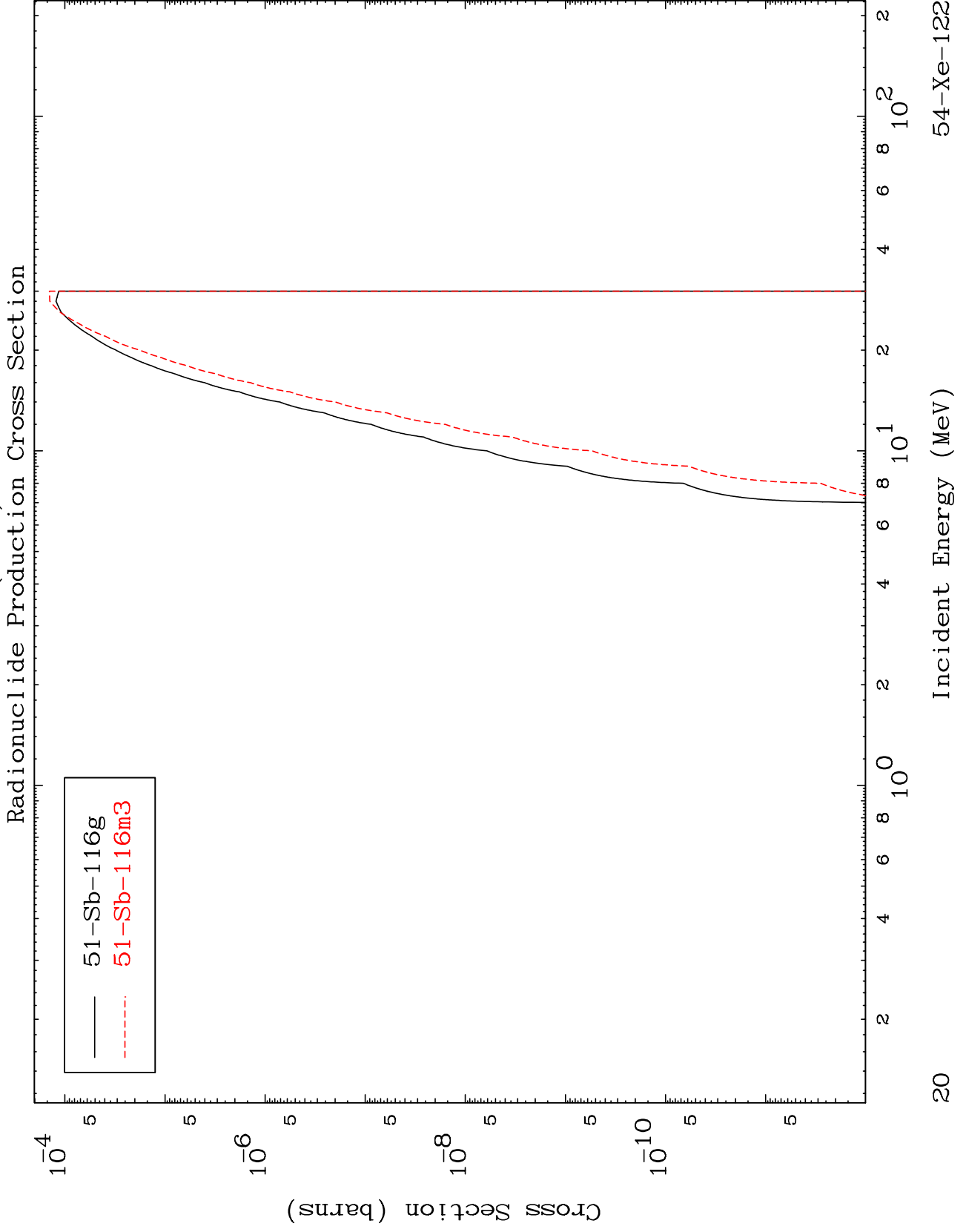
54-Xe-122



MAT 5419

(n,2α)

54-Xe-122

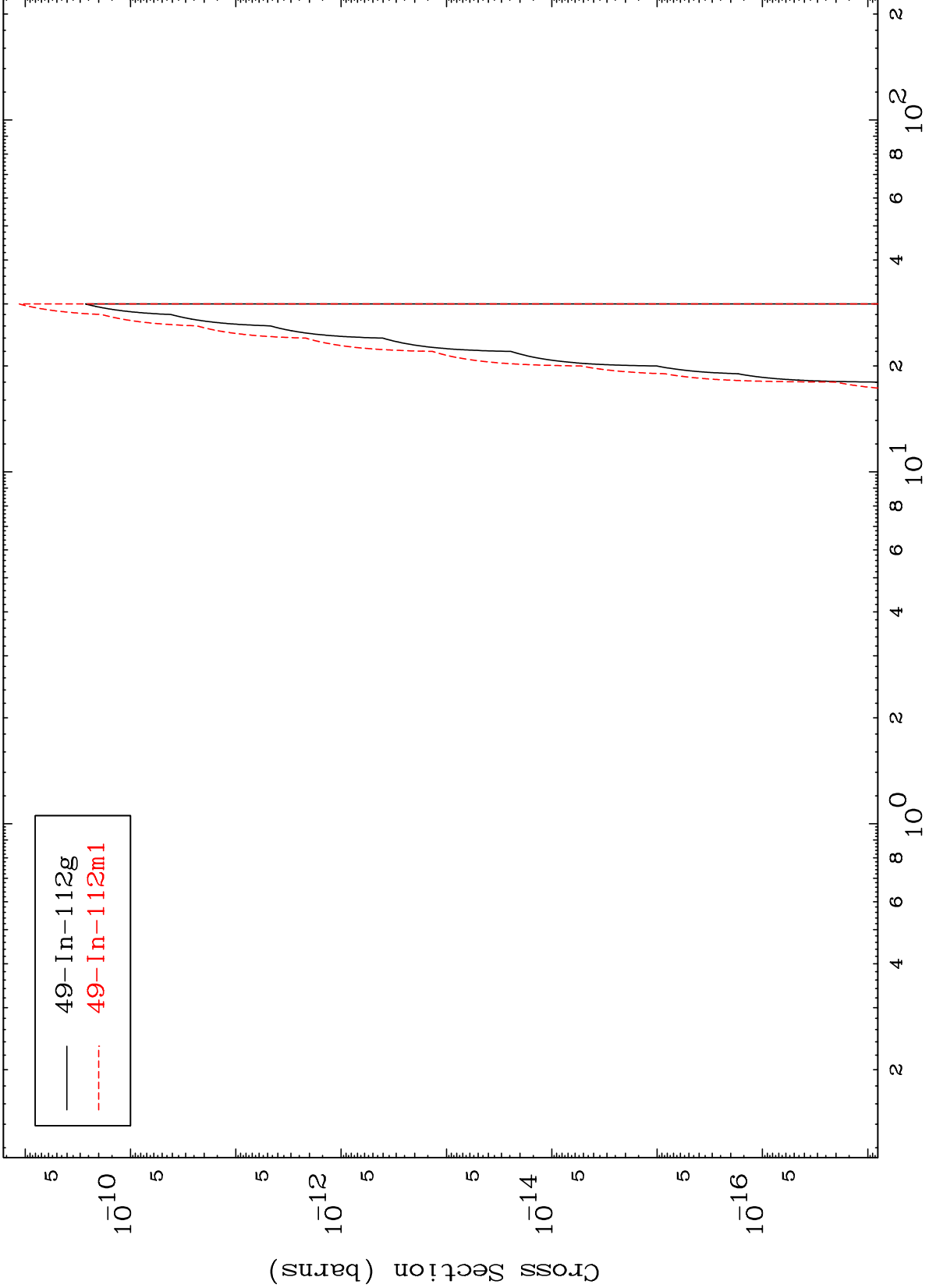


MAT 5419

(n, 3α)

54-Xe-122

Radionuclide Production Cross Section



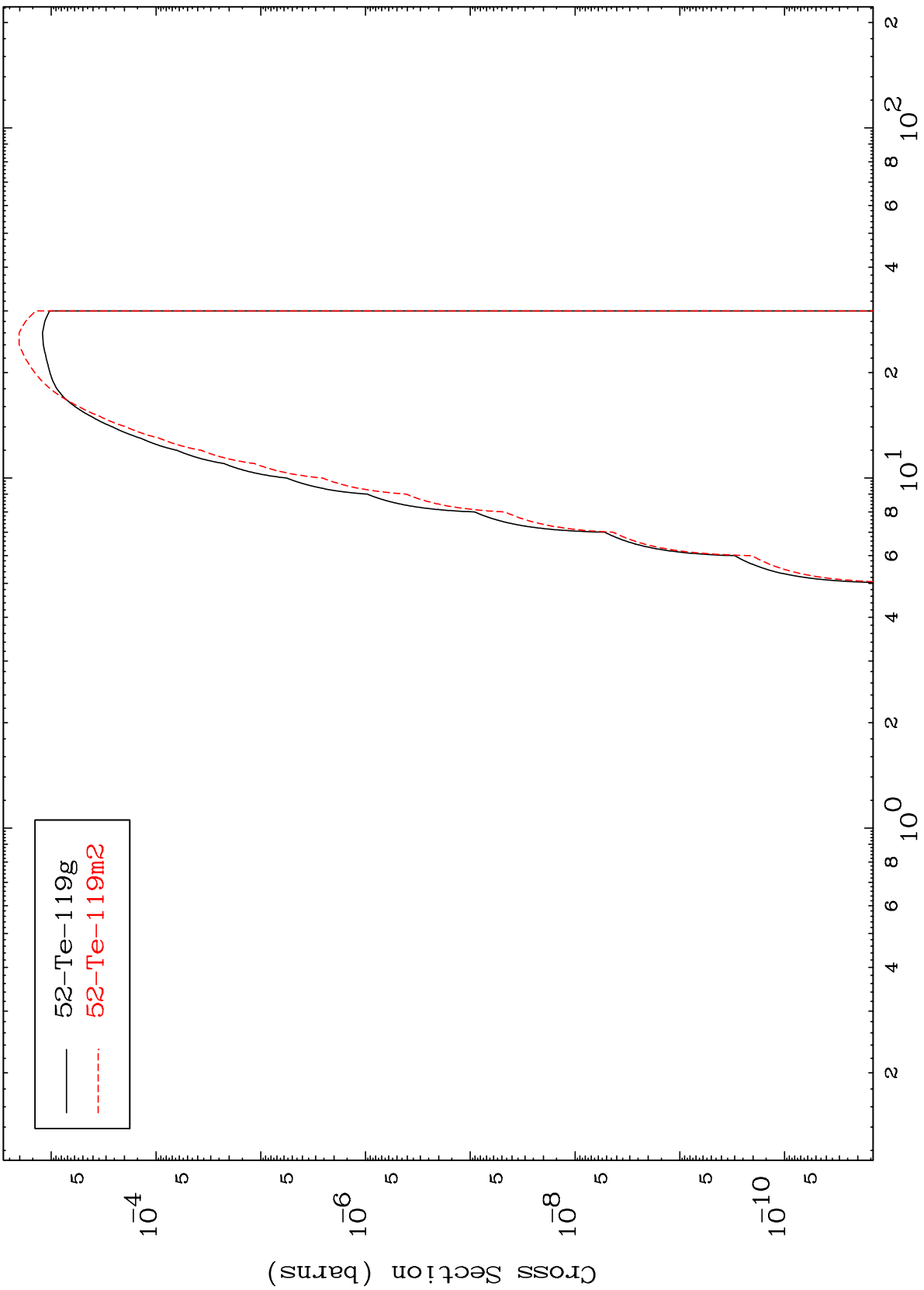
— 49-In-112g
- - - 49-In-112m1

MAT 5419

(n,p) α

54-Xe-122

Radionuclide Production Cross Section



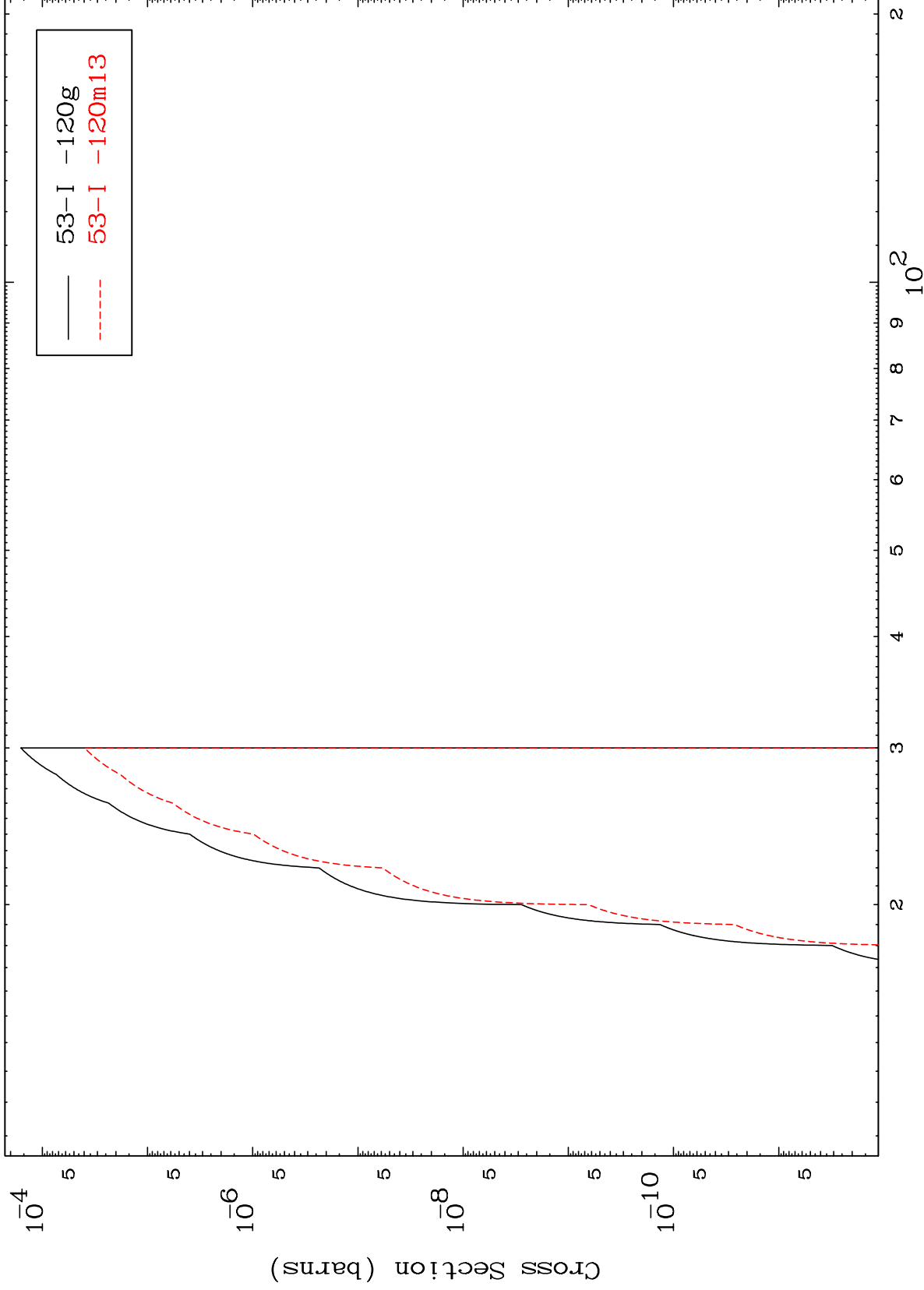
52-Te-119g
52-Te-119m2

MAT 5419

(n,p) t

54-Xe-122

Radionuclide Production Cross Section



23

Incident Energy (MeV)

54-Xe-122