

Program EVALPLOT
(Version 2021-1)

by

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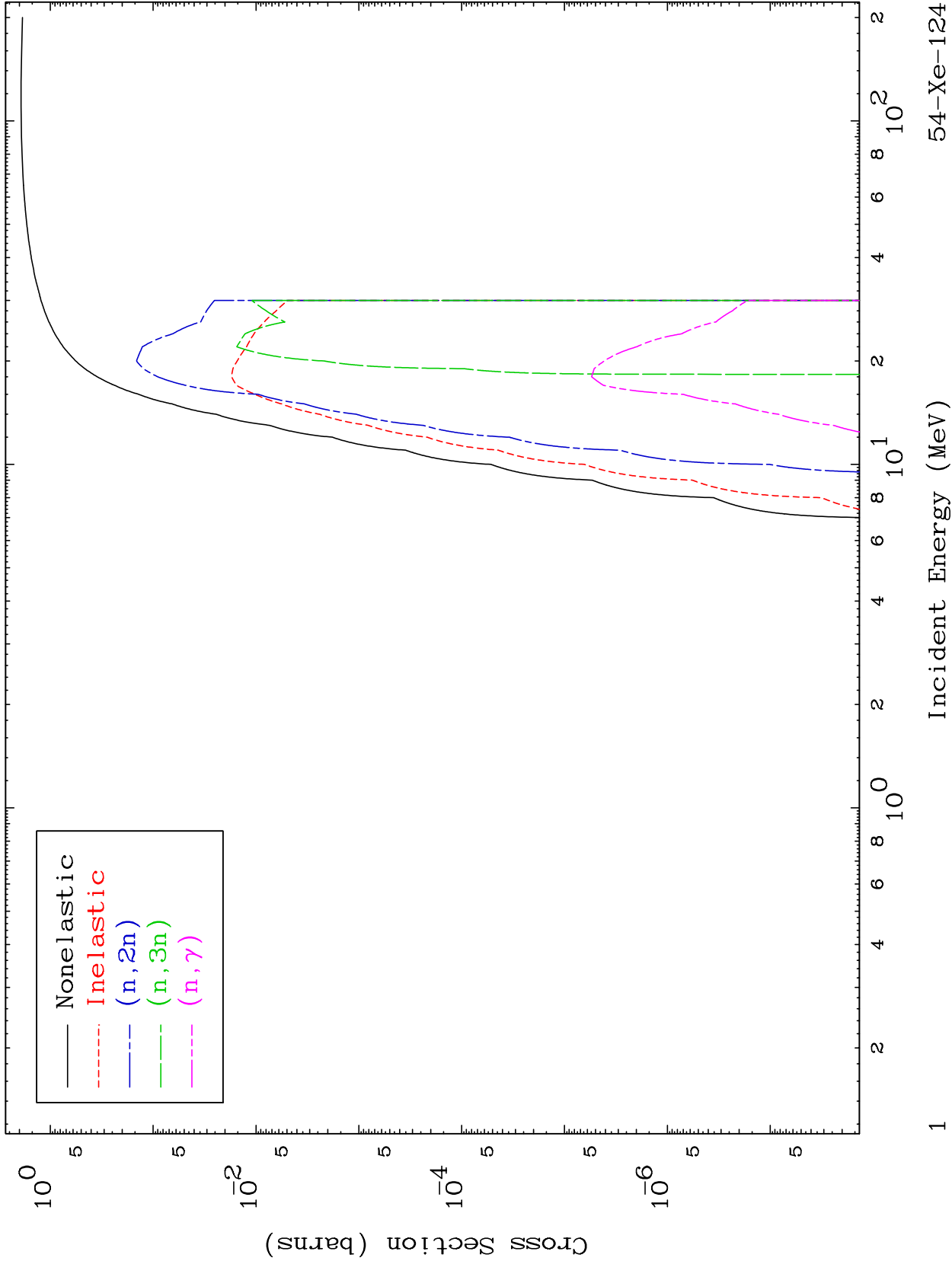
Press Mouse Button to Start

MAT 5425

He-3 Major

54-Xe-124

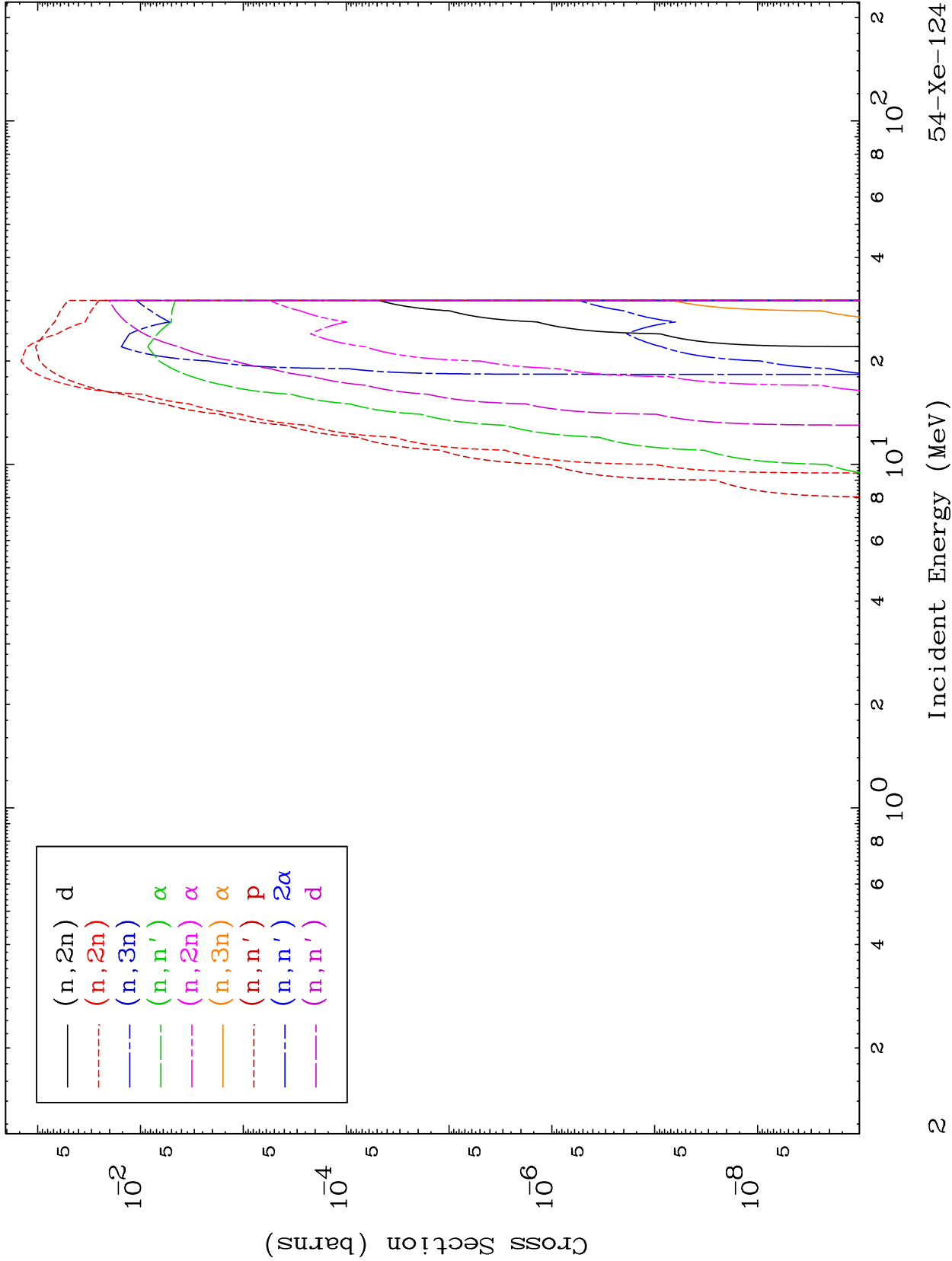
0 Kelvin Cross Sections



MAT 5425

He-3 Neutron Absorption
0 Kelvin Cross Sections

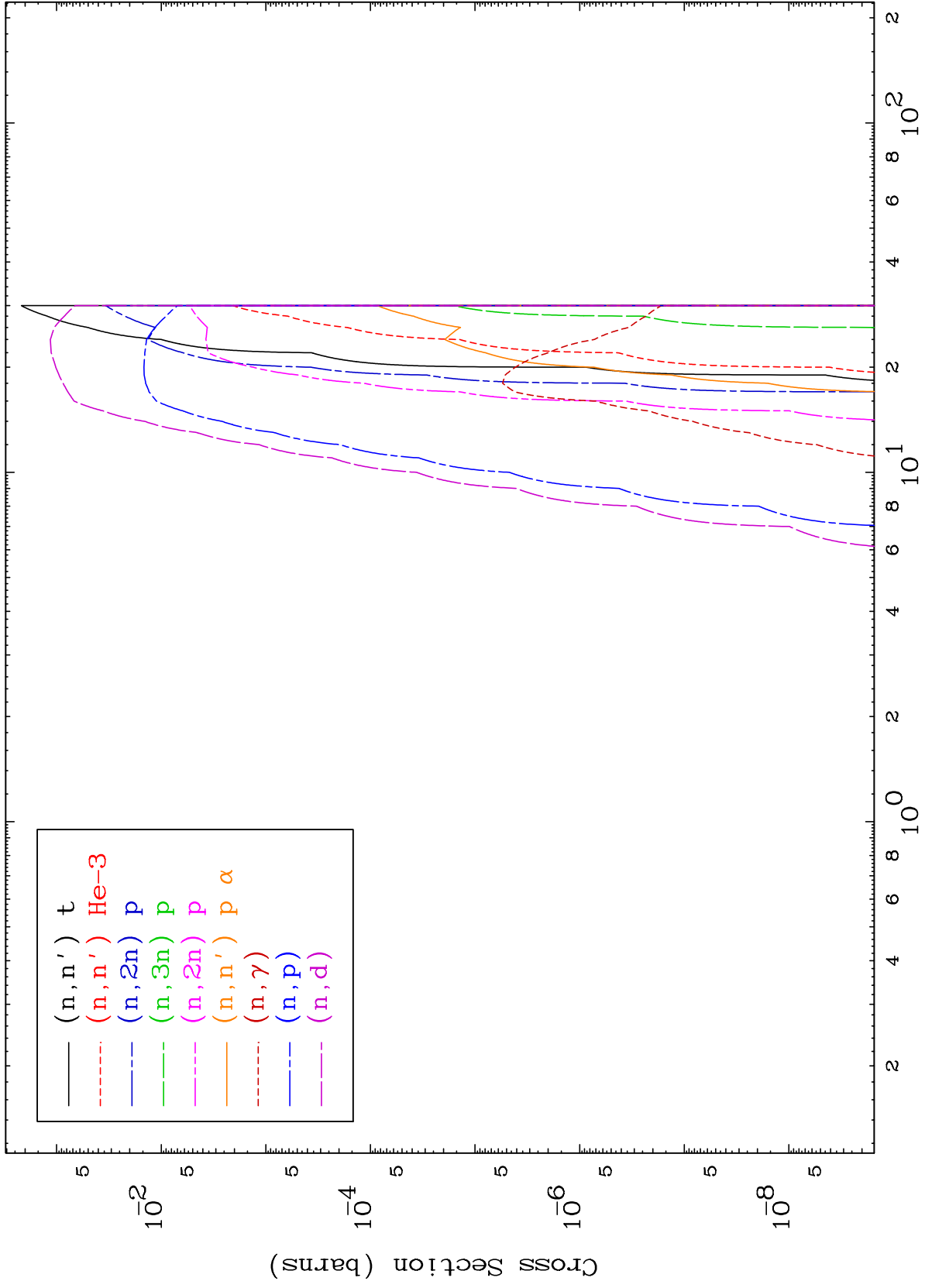
54-Xe-124



MAT 5425

He-3 Neutron Absorption
0 Kelvin Cross Sections

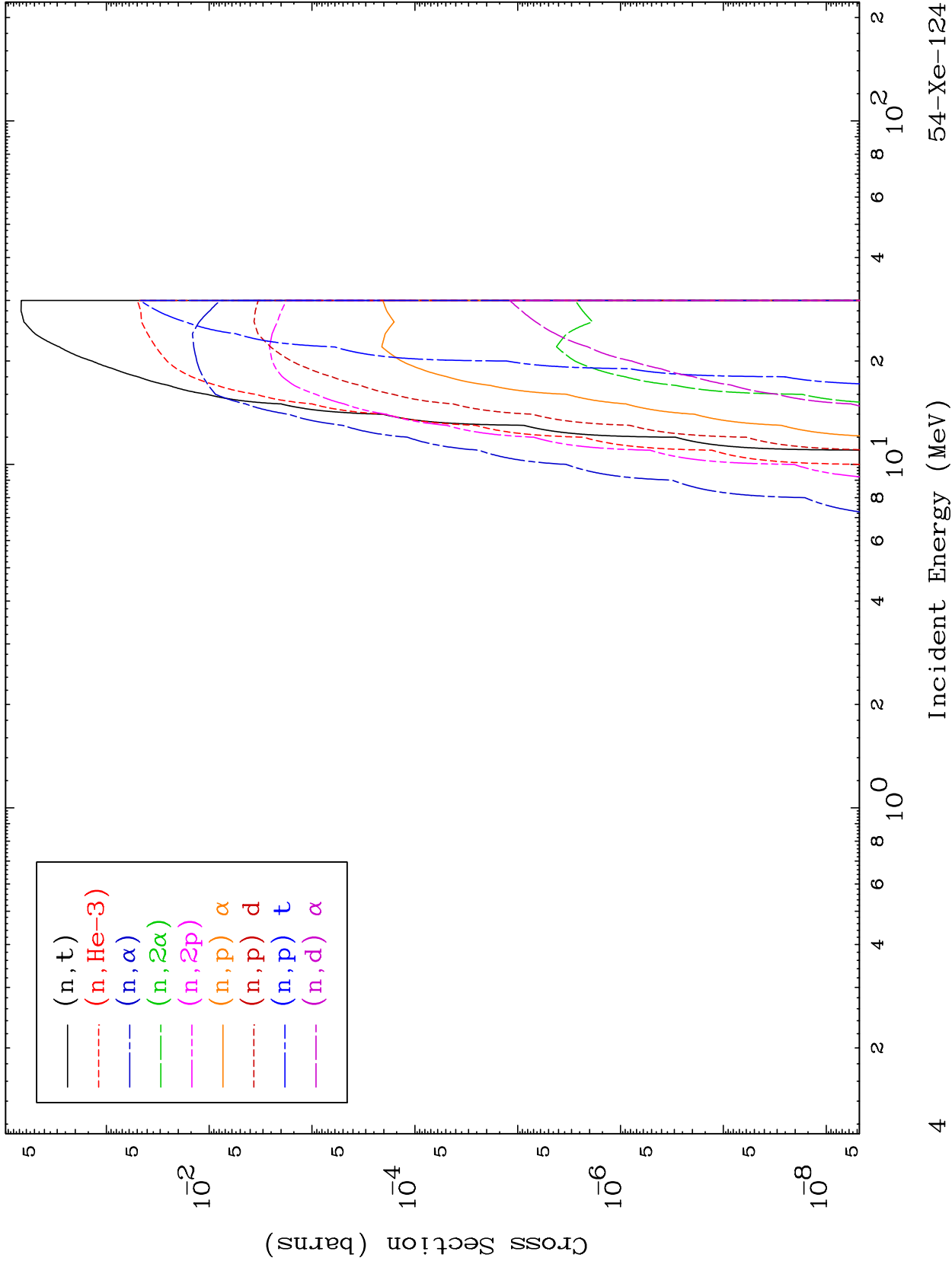
54-Xe-124



MAT 5425

He-3 Neutron Absorption
0 Kelvin Cross Sections

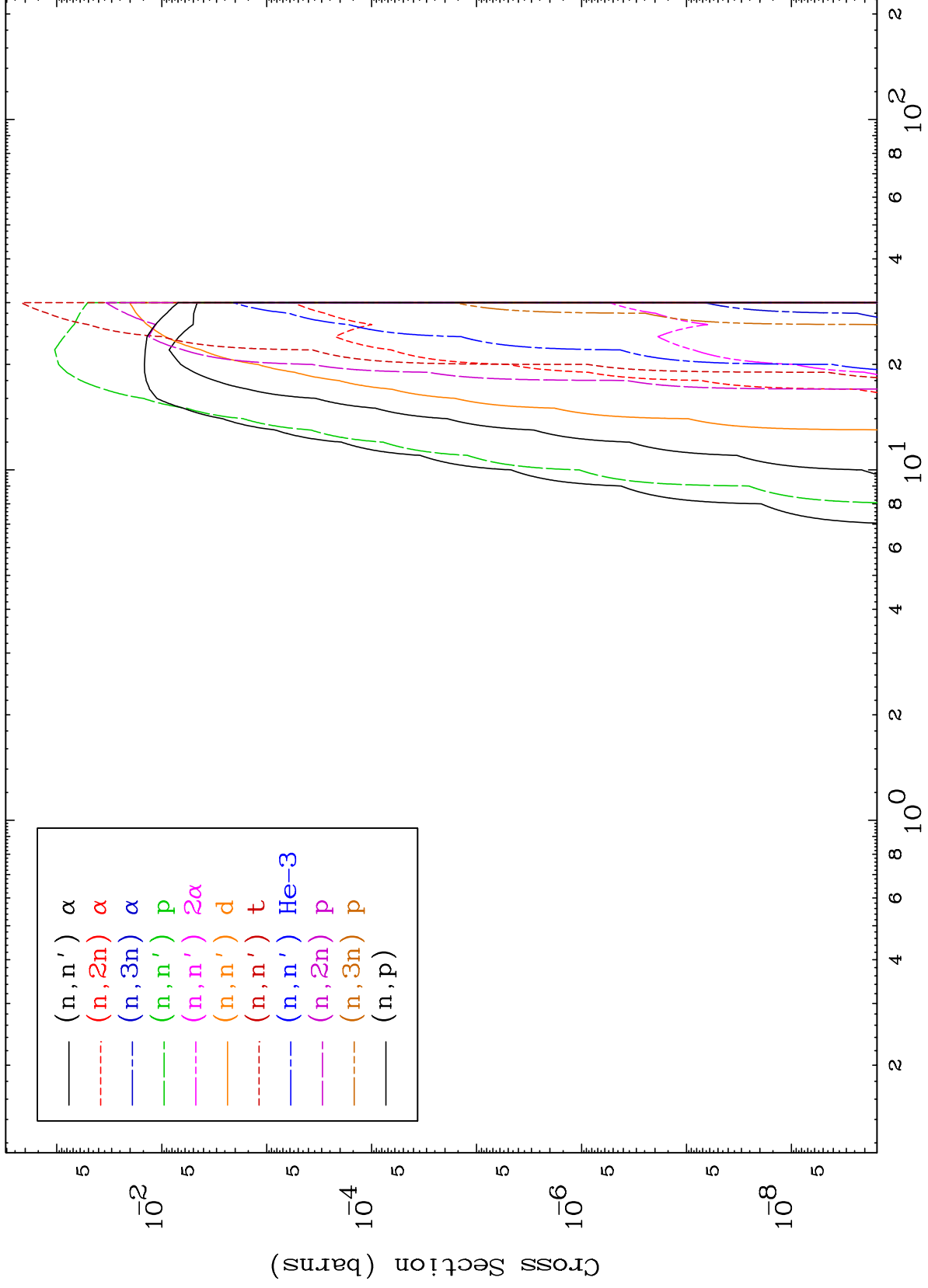
54-Xe-124



MAT 5425

He-3 Charged Particle
0 Kelvin Cross Sections

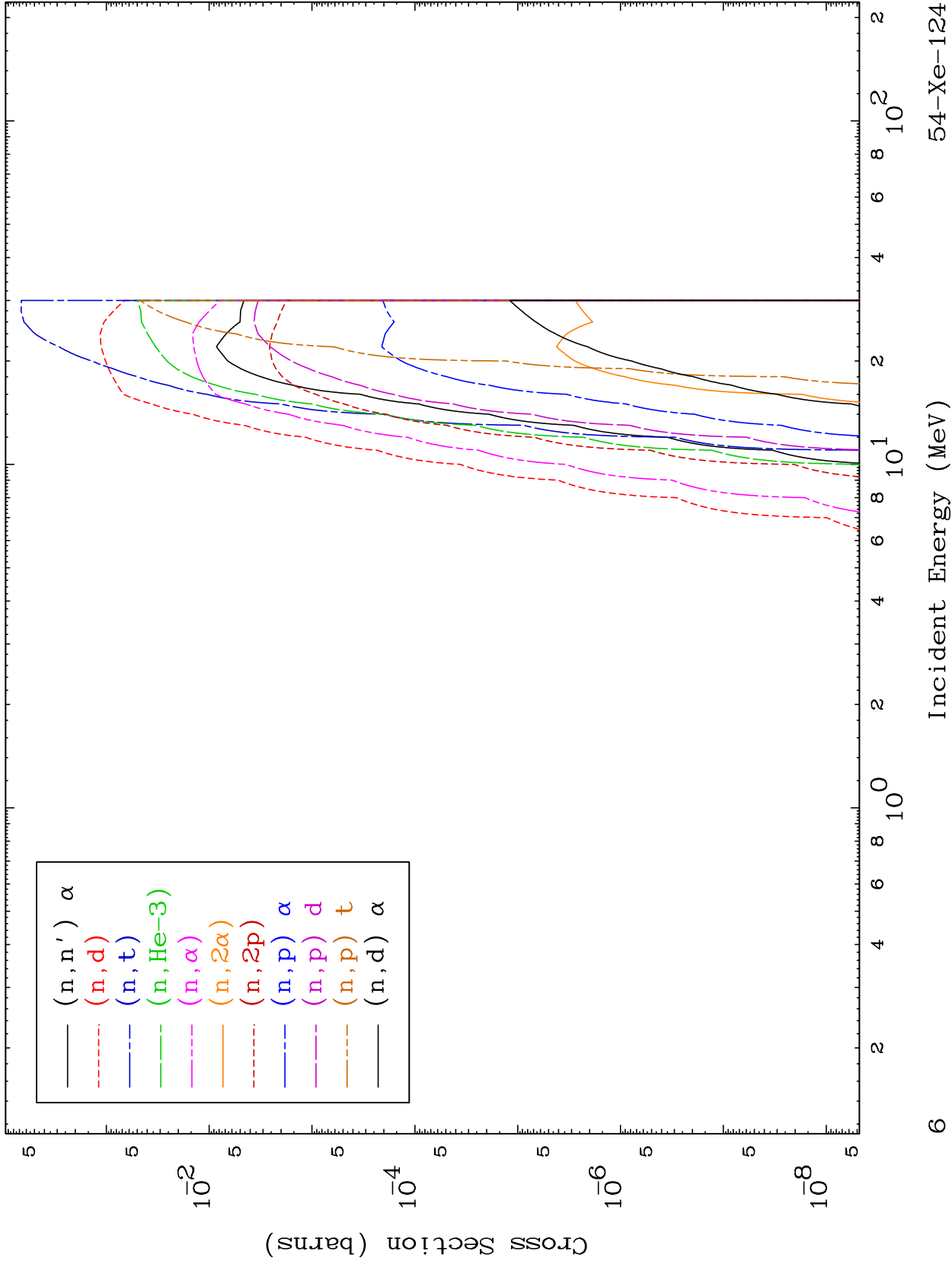
54-Xe-124



MAT 5425

He-3 Charged Particle
0 Kelvin Cross Sections

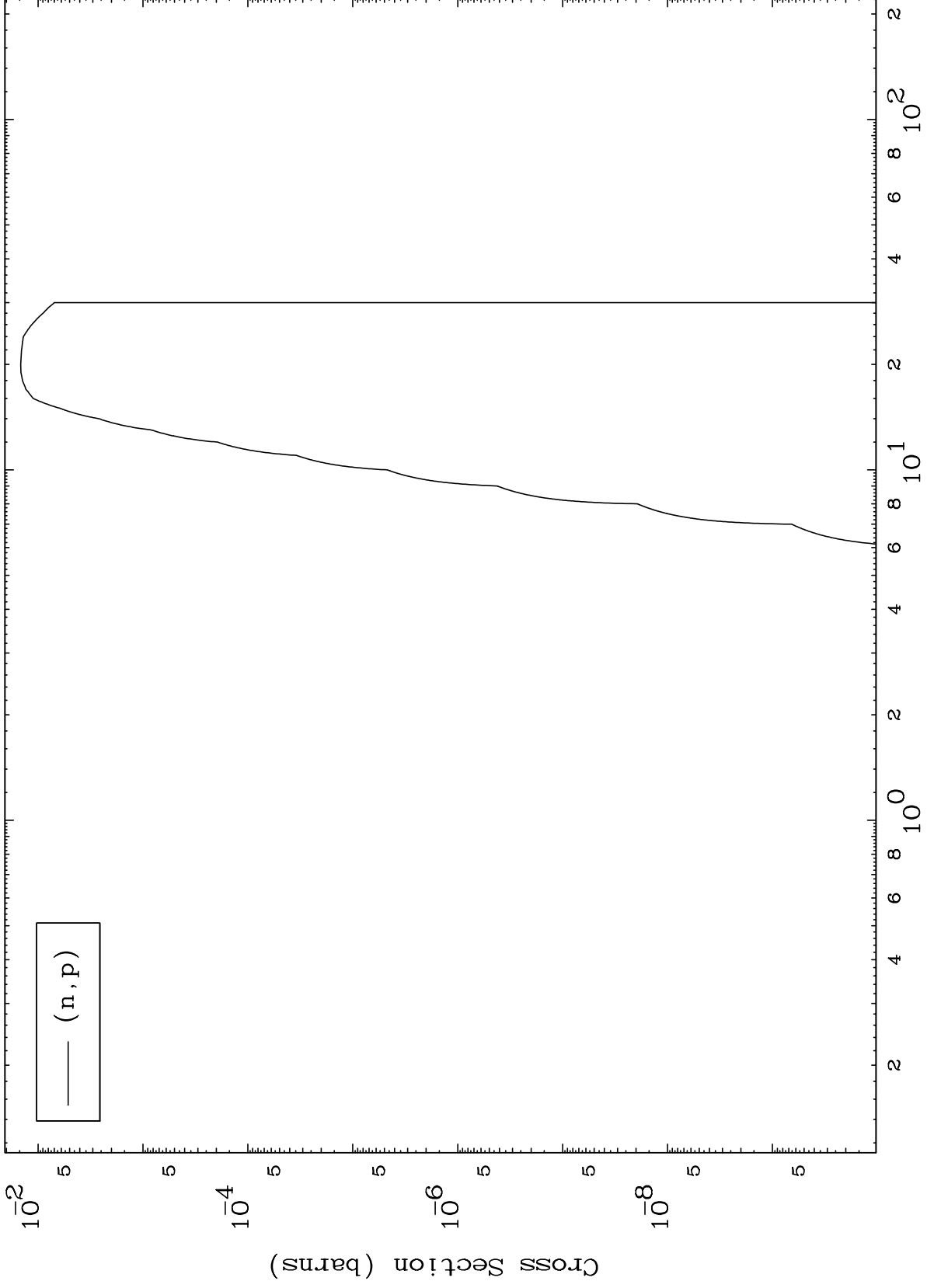
54-Xe-124



MAT 5425

(He-3,p) Levels
0 Kelvin Cross Sections

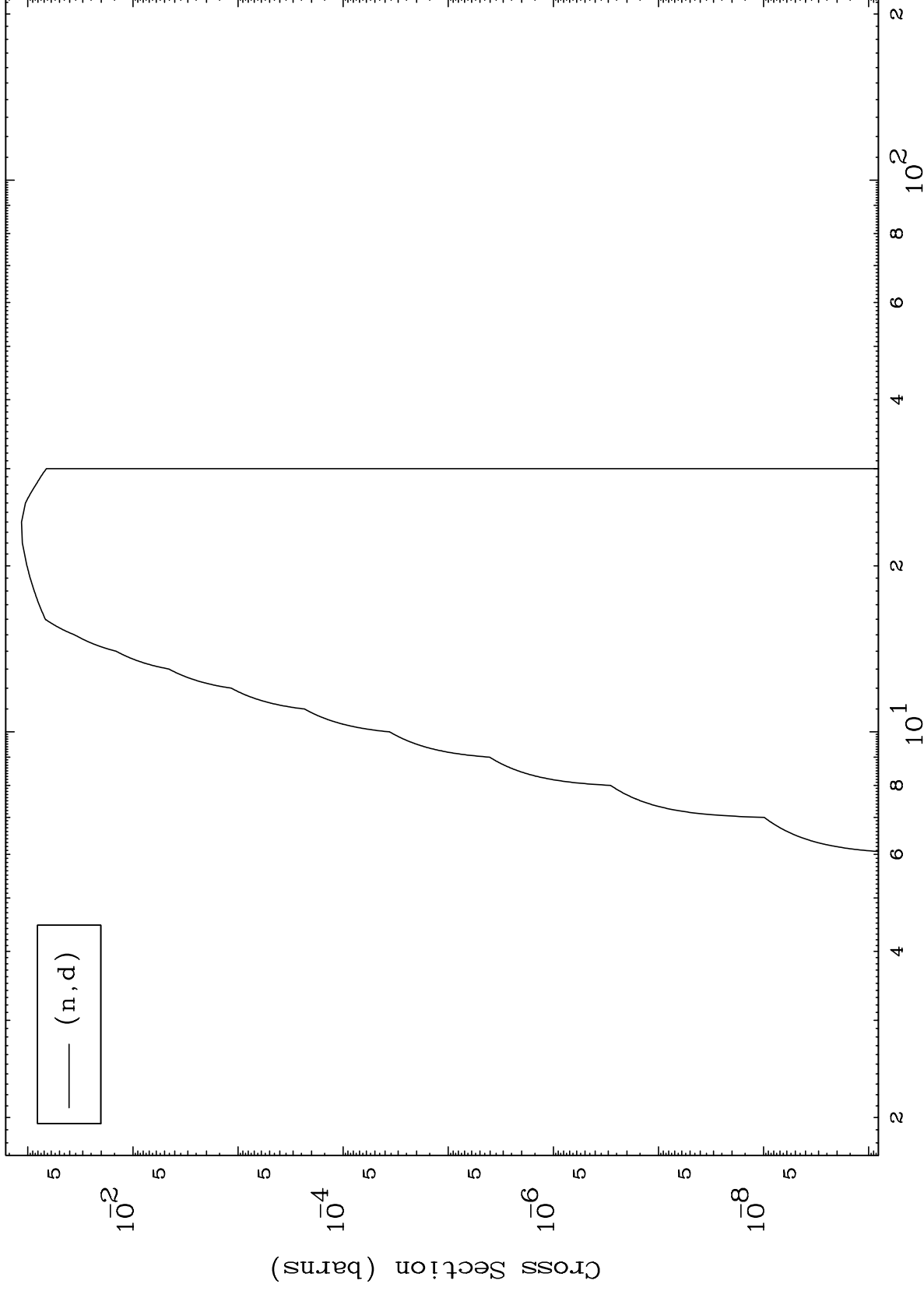
54-Xe-124



MAT 5425

(He-3,d) Levels
0 Kelvin Cross Sections

54-Xe-124



8

Incident Energy (MeV)

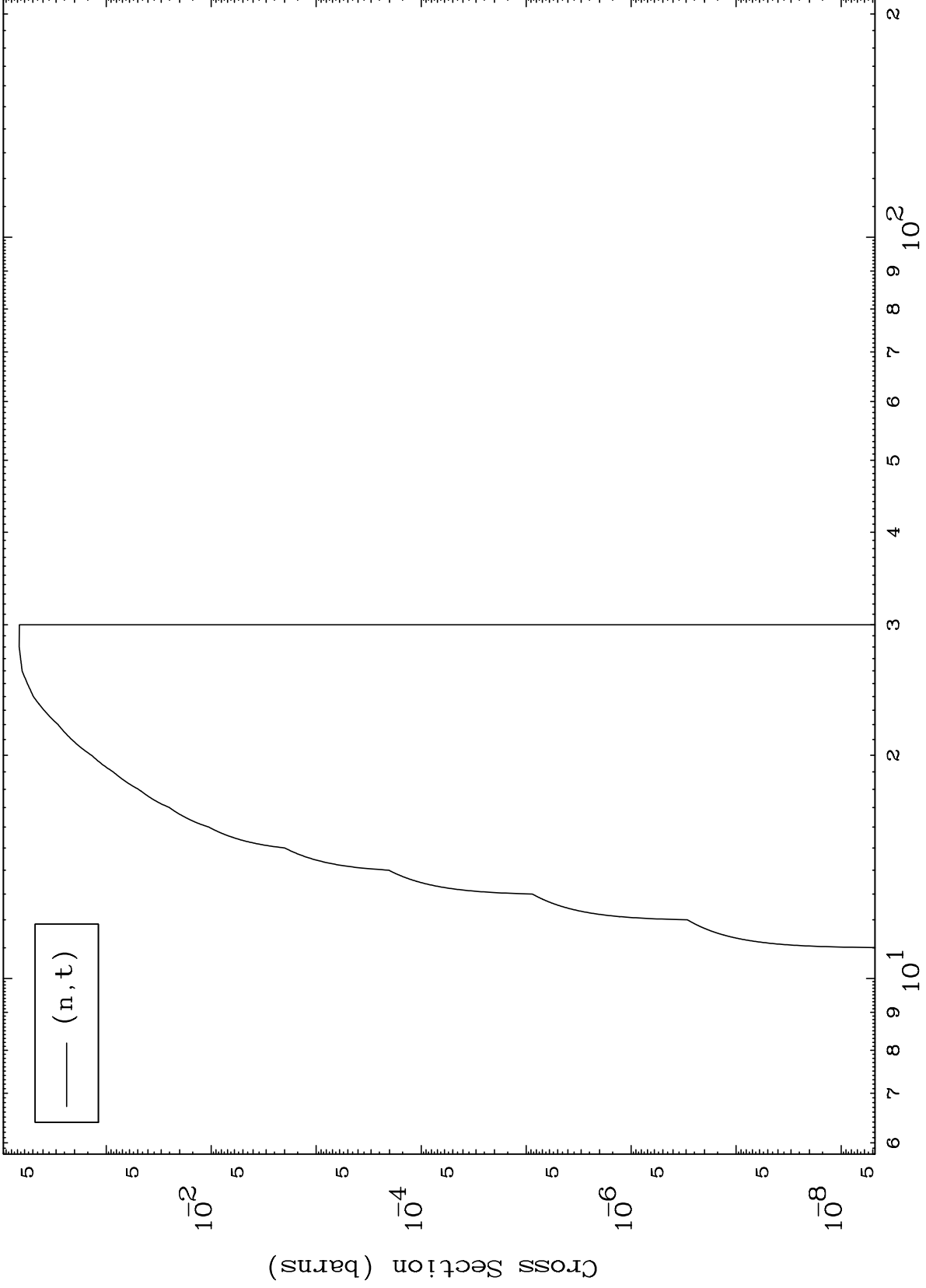
54-Xe-124

MAT 5425

(He-3,t) Levels

54-Xe-124

0 Kelvin Cross Sections



9

Incident Energy (MeV)

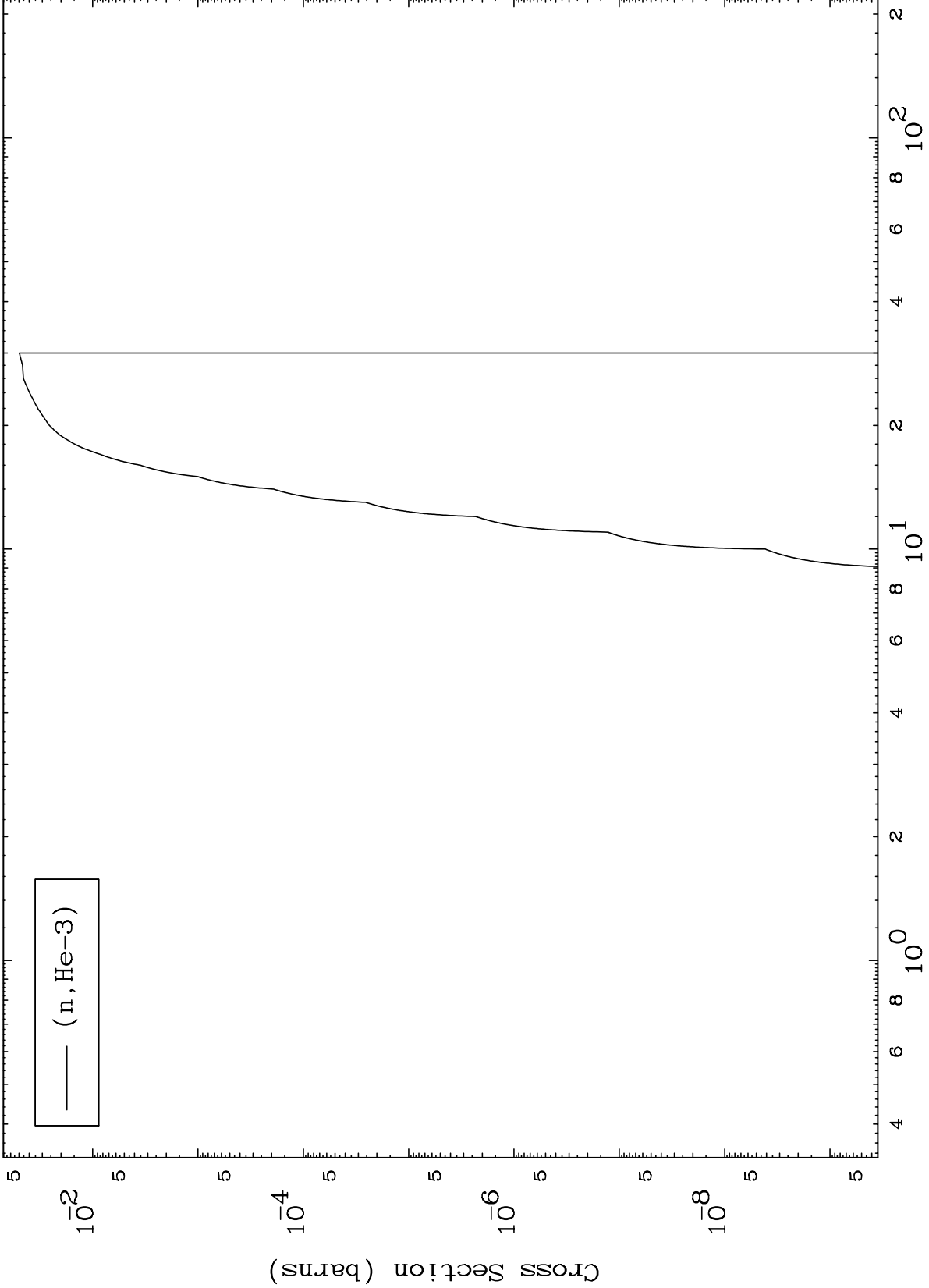
54-Xe-124

MAT 5425

(He-3, He3) Levels

54-Xe-124

0 Kelvin Cross Sections



10

Incident Energy (MeV)

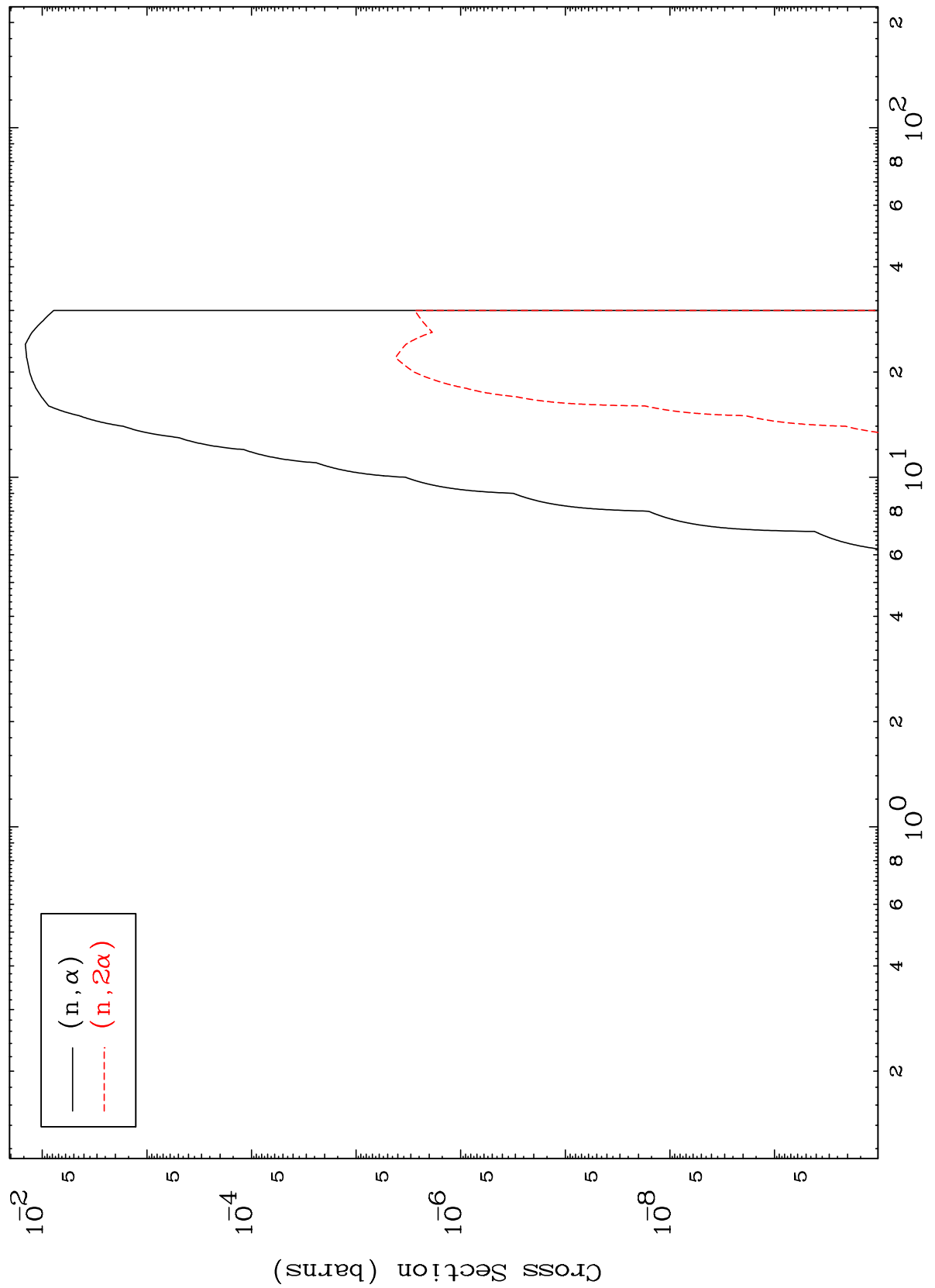
54-Xe-124

MAT 5425

(He-3, α) Levels

54-Xe-124

0 Kelvin Cross Sections



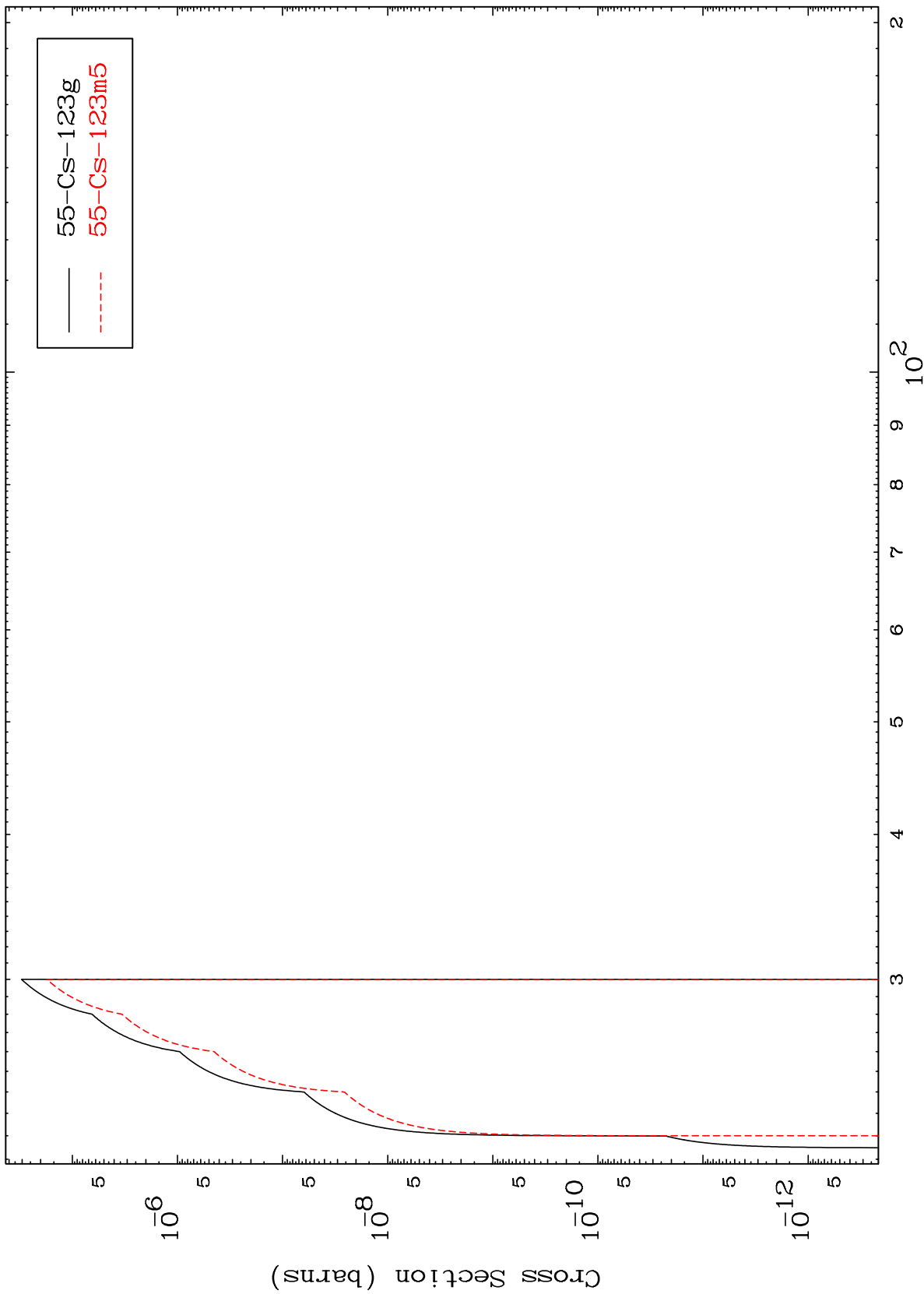
— (n, α)
- - - (n, 2α)

MAT 5425

(n,2n) d

54-Xe-124

Radionuclide Production Cross Section



12

Incident Energy (MeV)

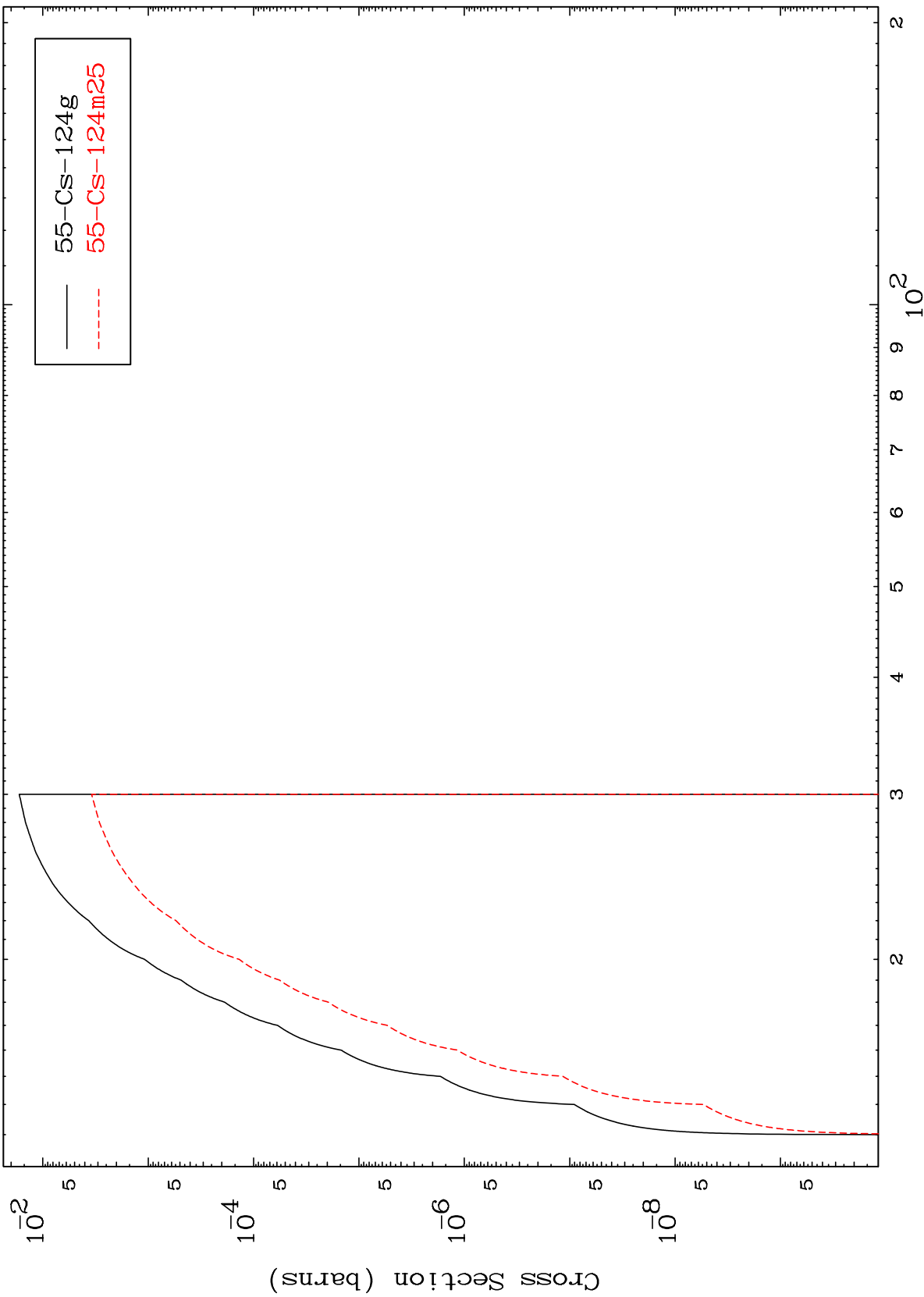
54-Xe-124

MAT 5425

(n,n') d

54-Xe-124

Radionuclide Production Cross Section



13

Incident Energy (MeV)

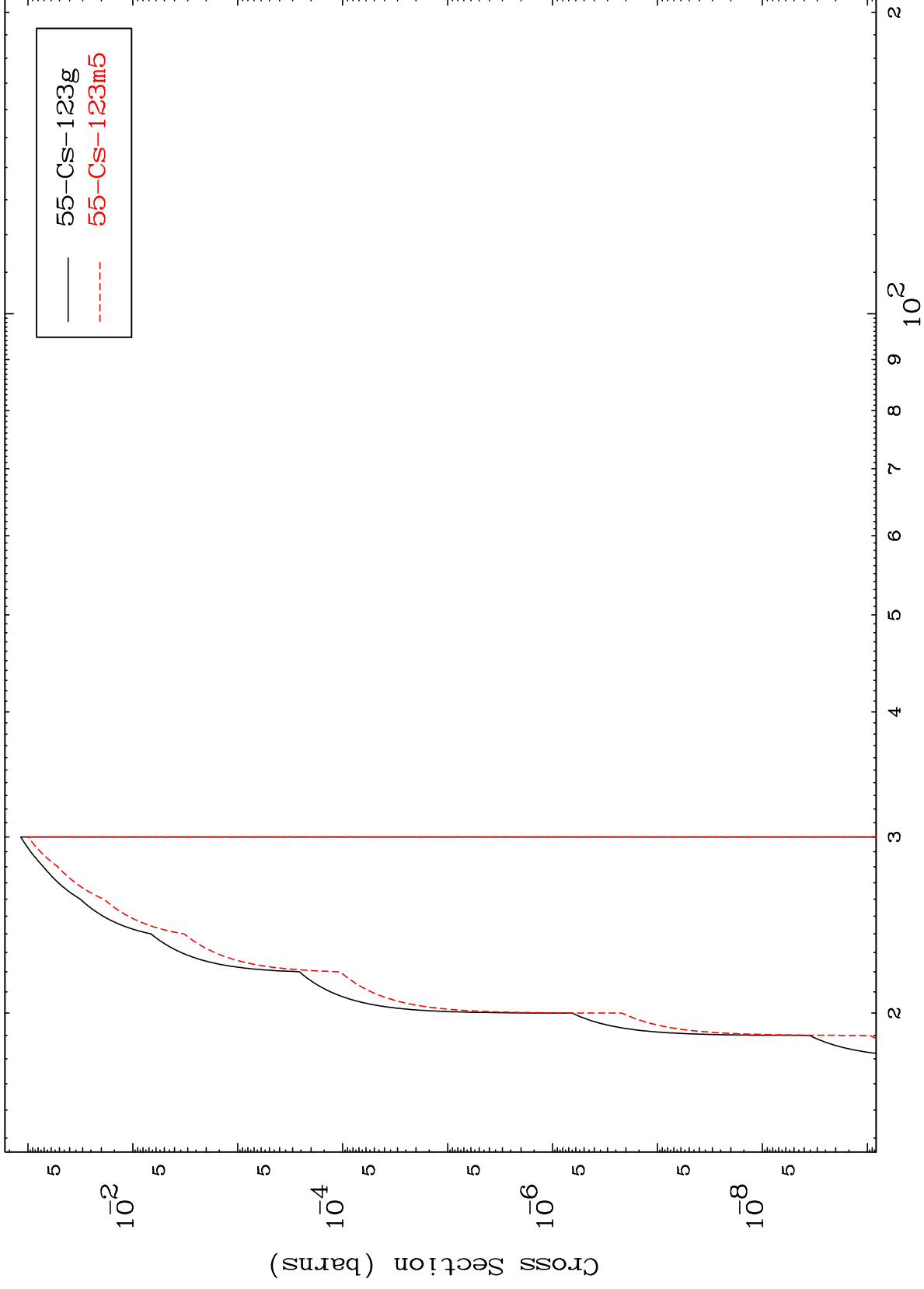
54-Xe-124

MAT 5425

(n,n') t

54-Xe-124

Radionuclide Production Cross Section



14

Incident Energy (MeV)

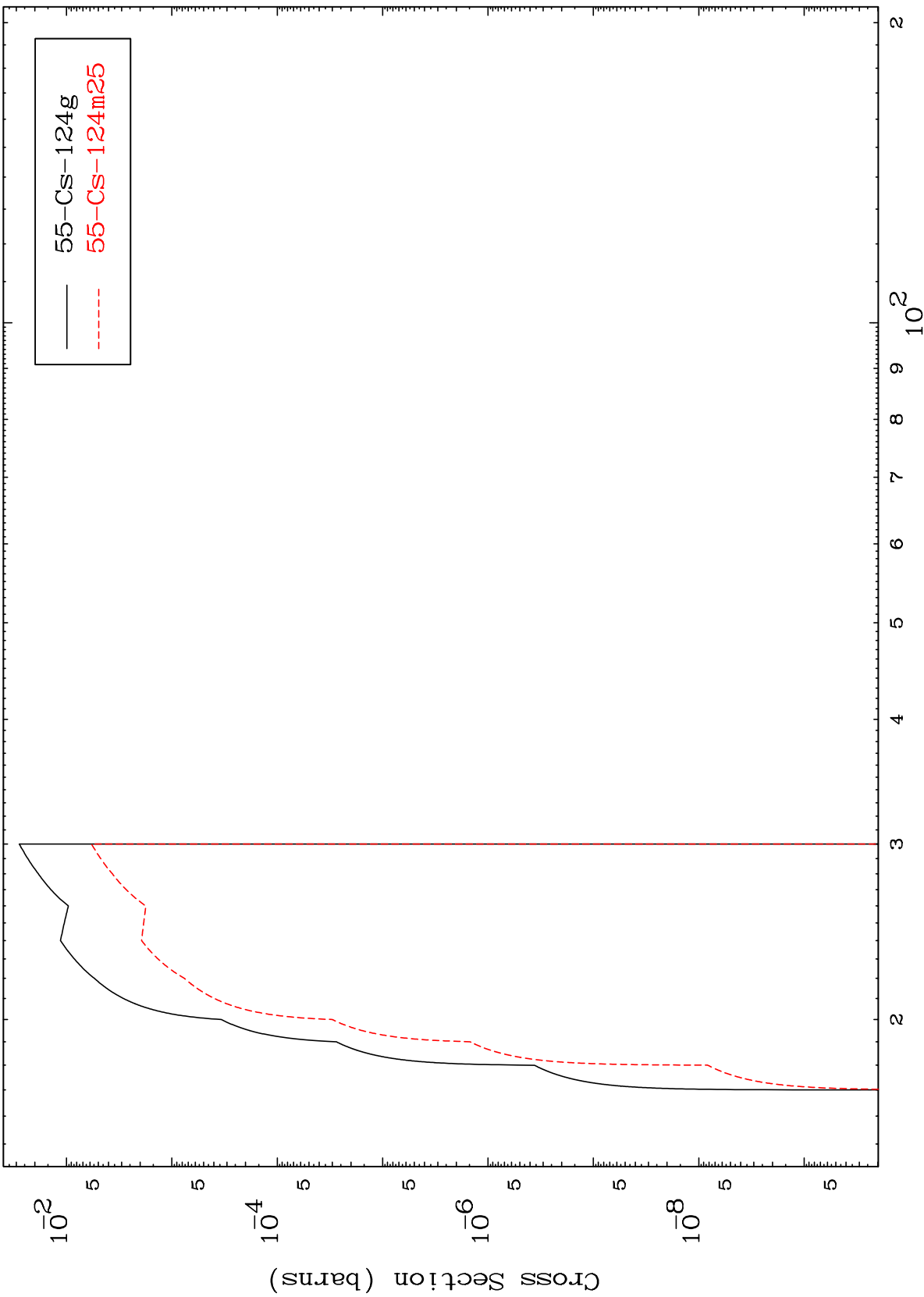
54-Xe-124

MAT 5425

(n,2n) p

54-Xe-124

Radionuclide Production Cross Section



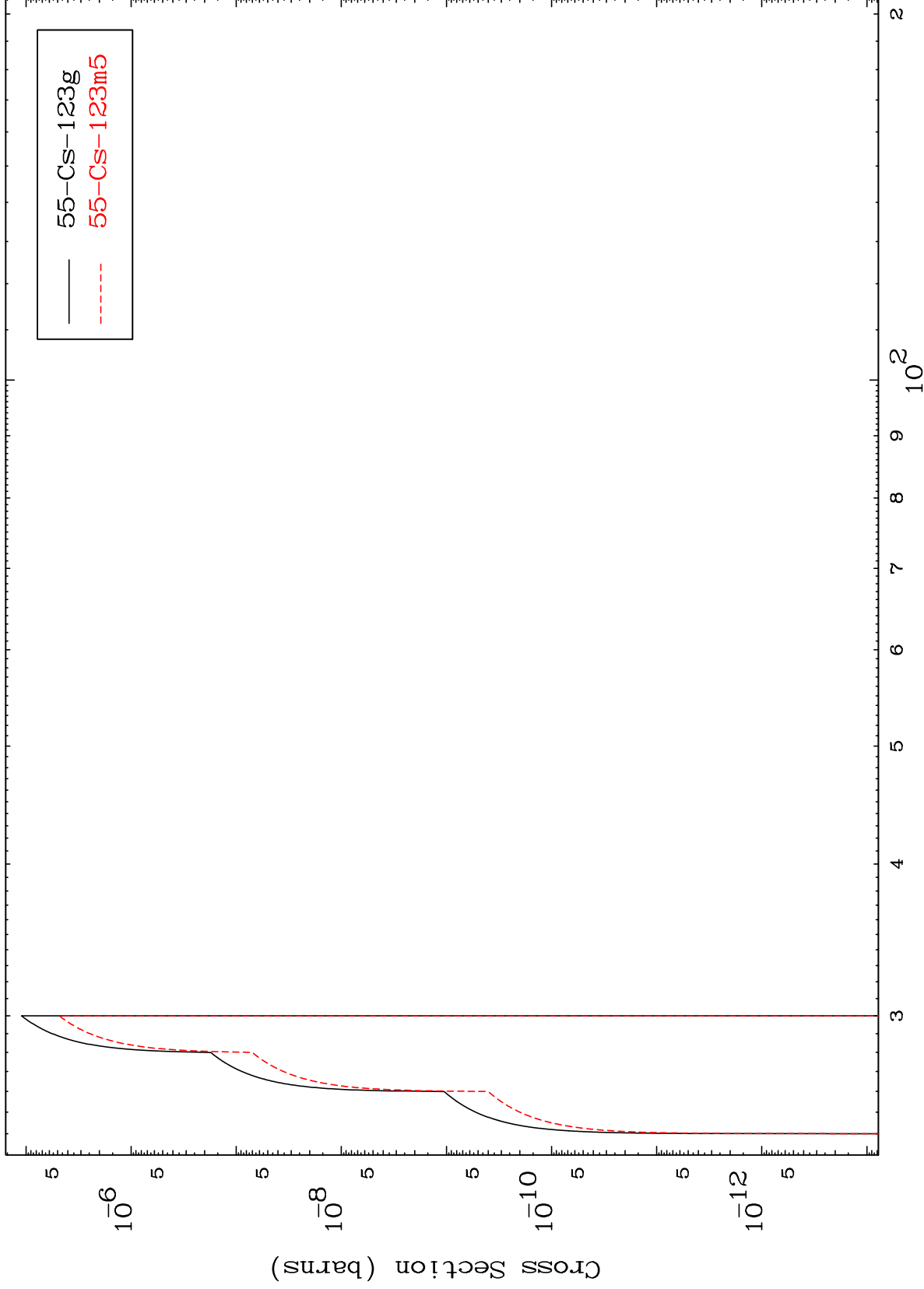
55-Cs-124g
55-Cs-124m25

15

Incident Energy (MeV)

54-Xe-124

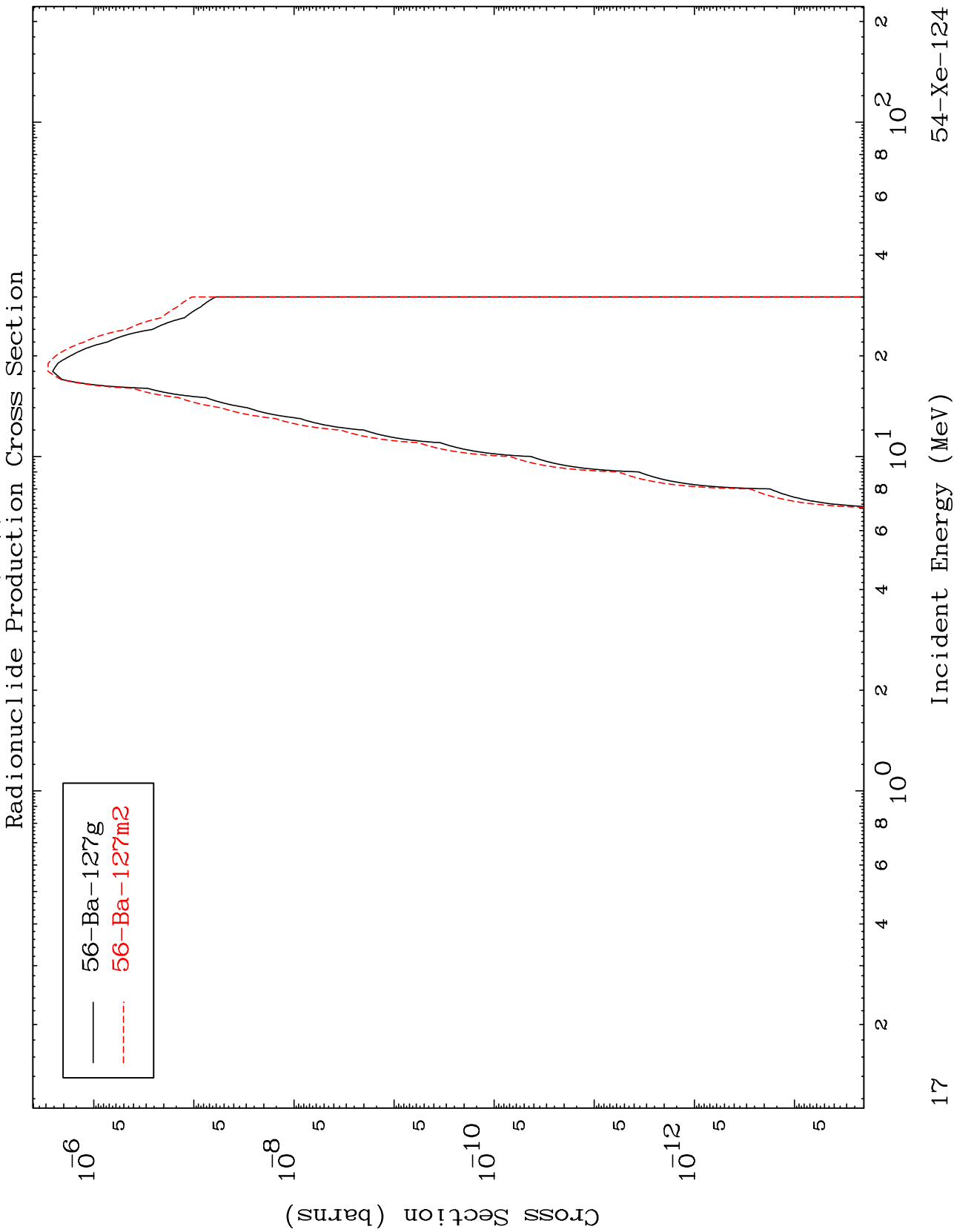
Radionuclide Production Cross Section



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

MAT 5425

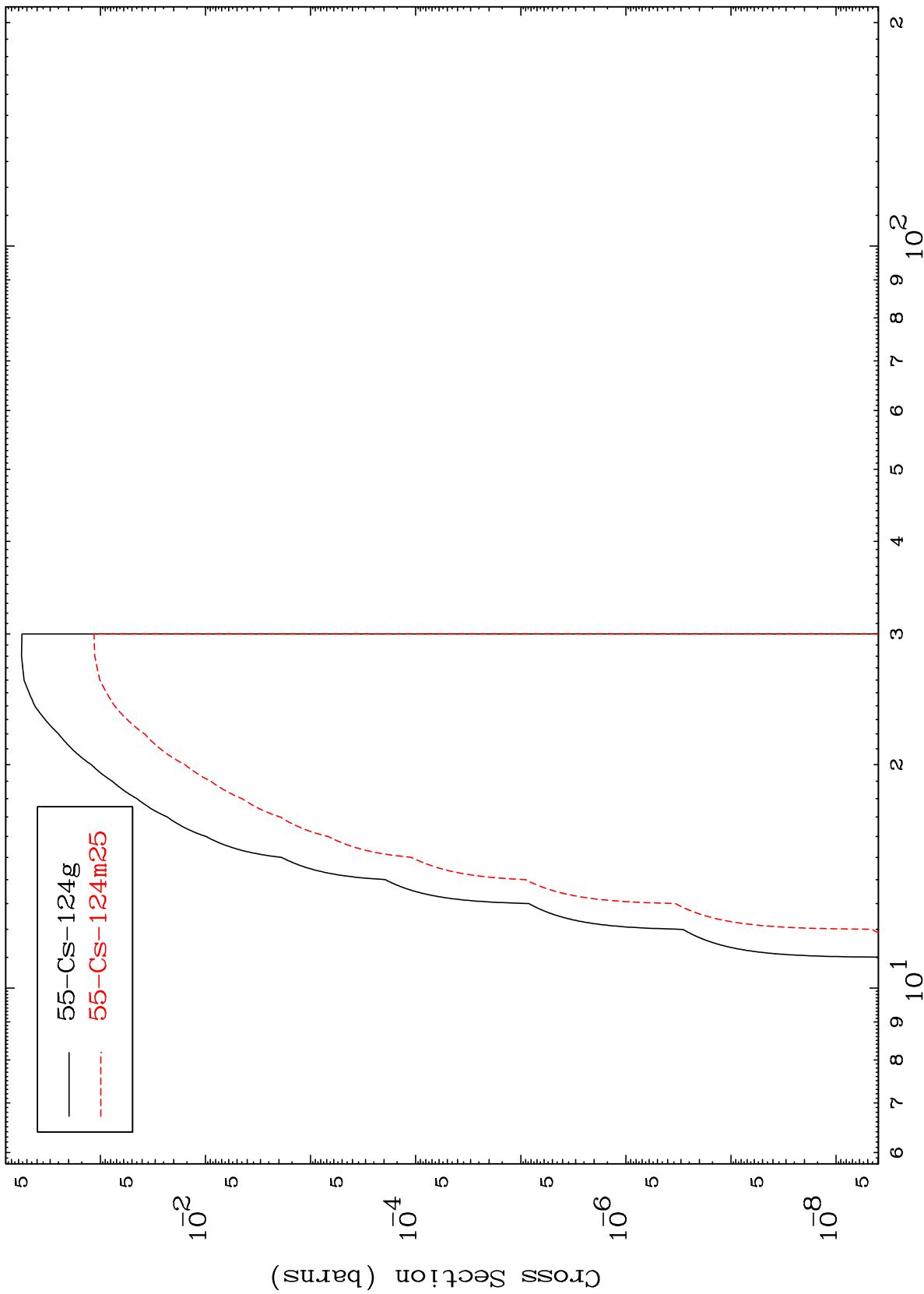
54-Xe-124



MAT 5425

54-Xe-124

(n, t)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

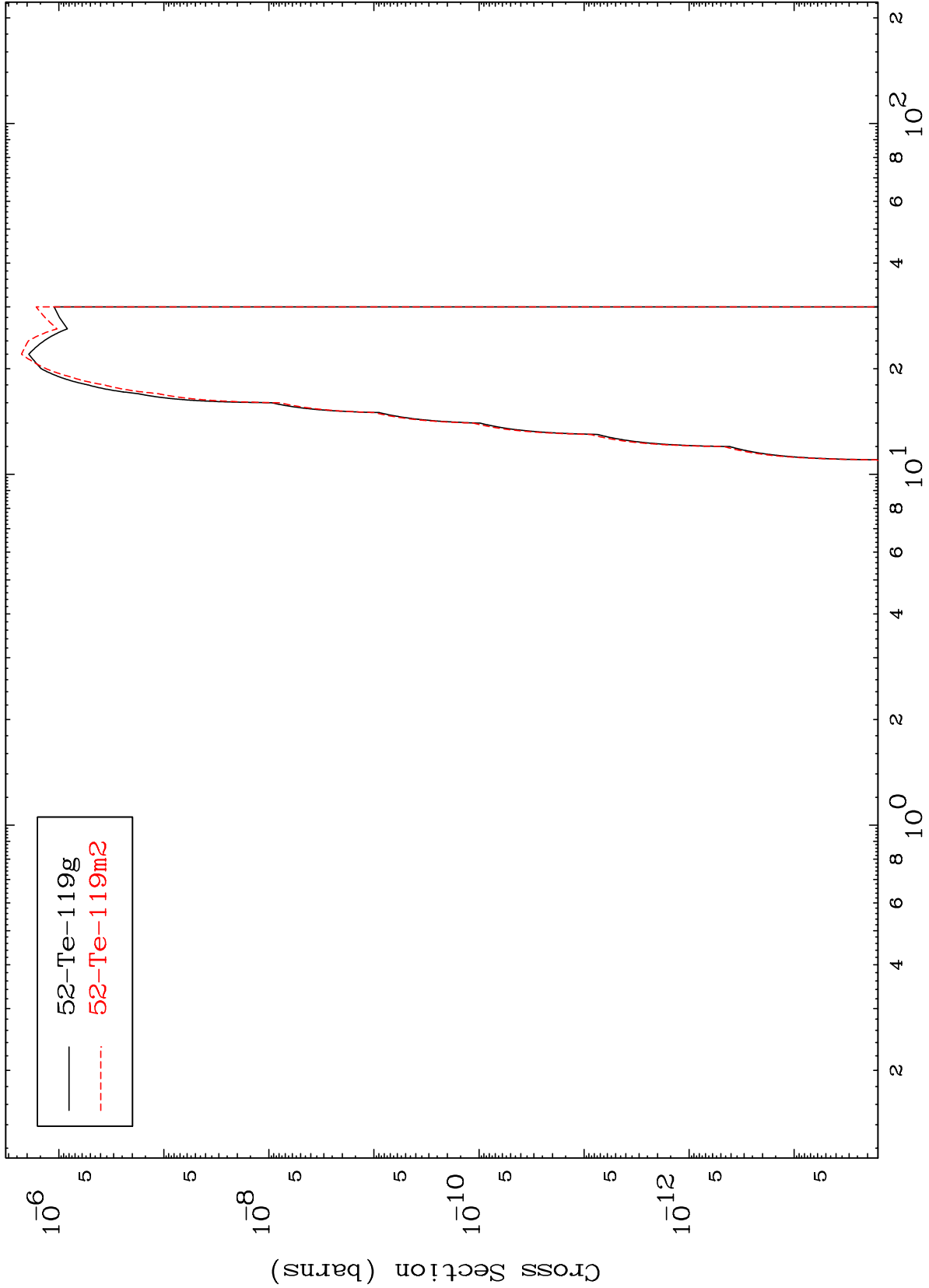
54-Xe-124

MAT 5425

(n,2α)

54-Xe-124

Radionuclide Production Cross Section

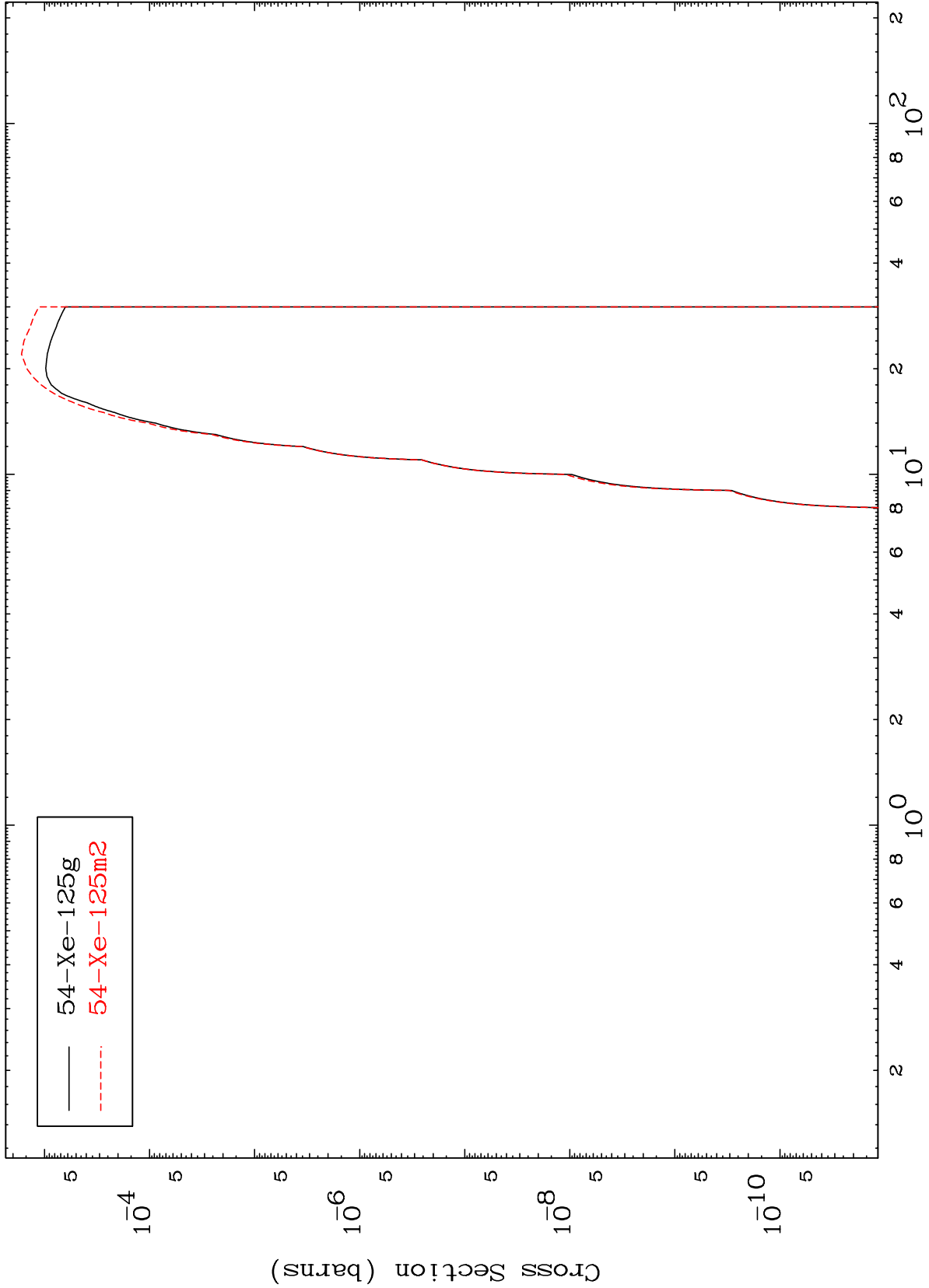


MAT 5425

54-Xe-124

(n,2p)

Radionuclide Production Cross Section



54-Xe-125g
54-Xe-125m2

20

Incident Energy (MeV)

54-Xe-124