

Program EVALPLOT
(Version 2021-1)

by

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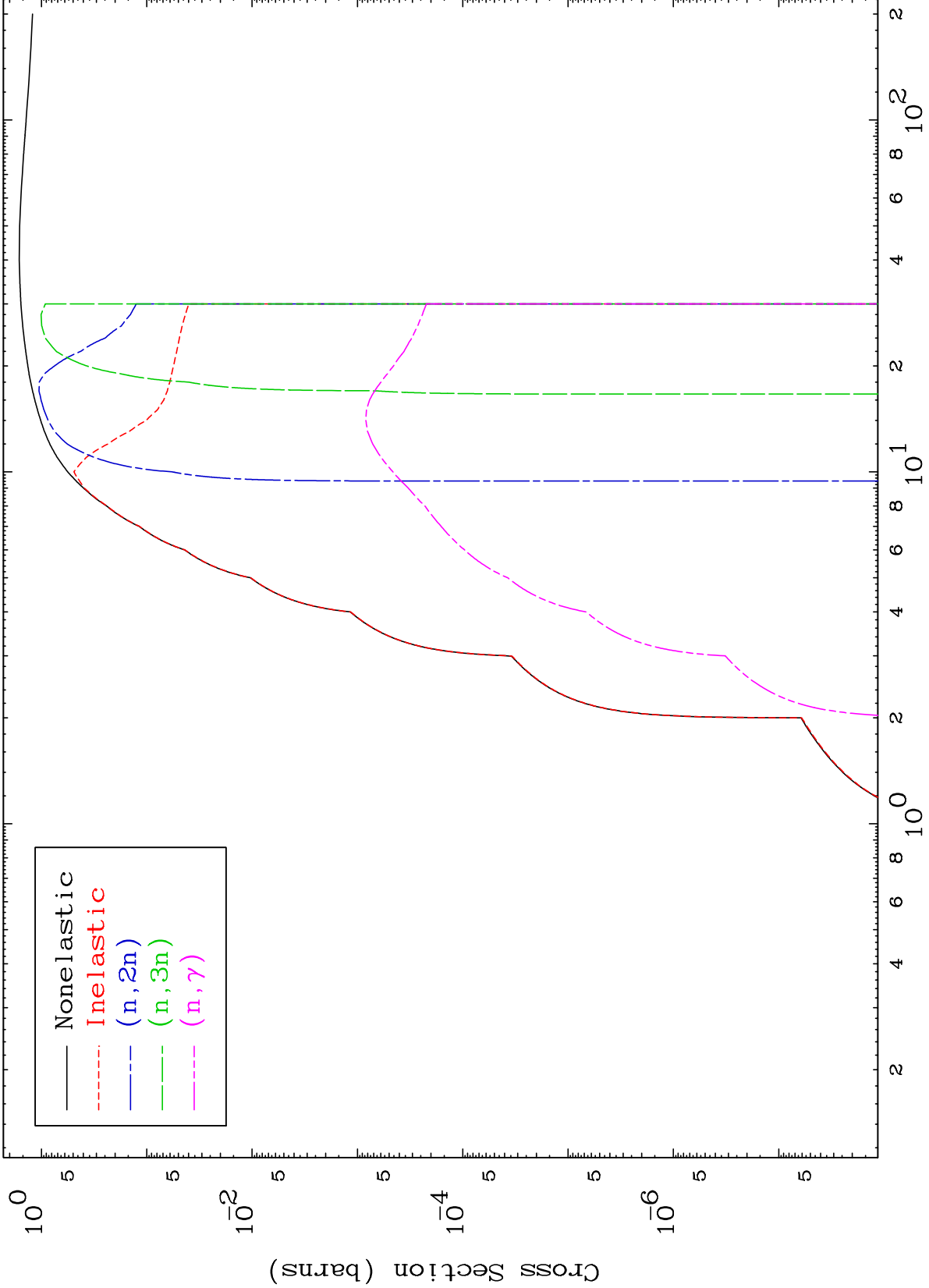
Tele: 925-443-1911

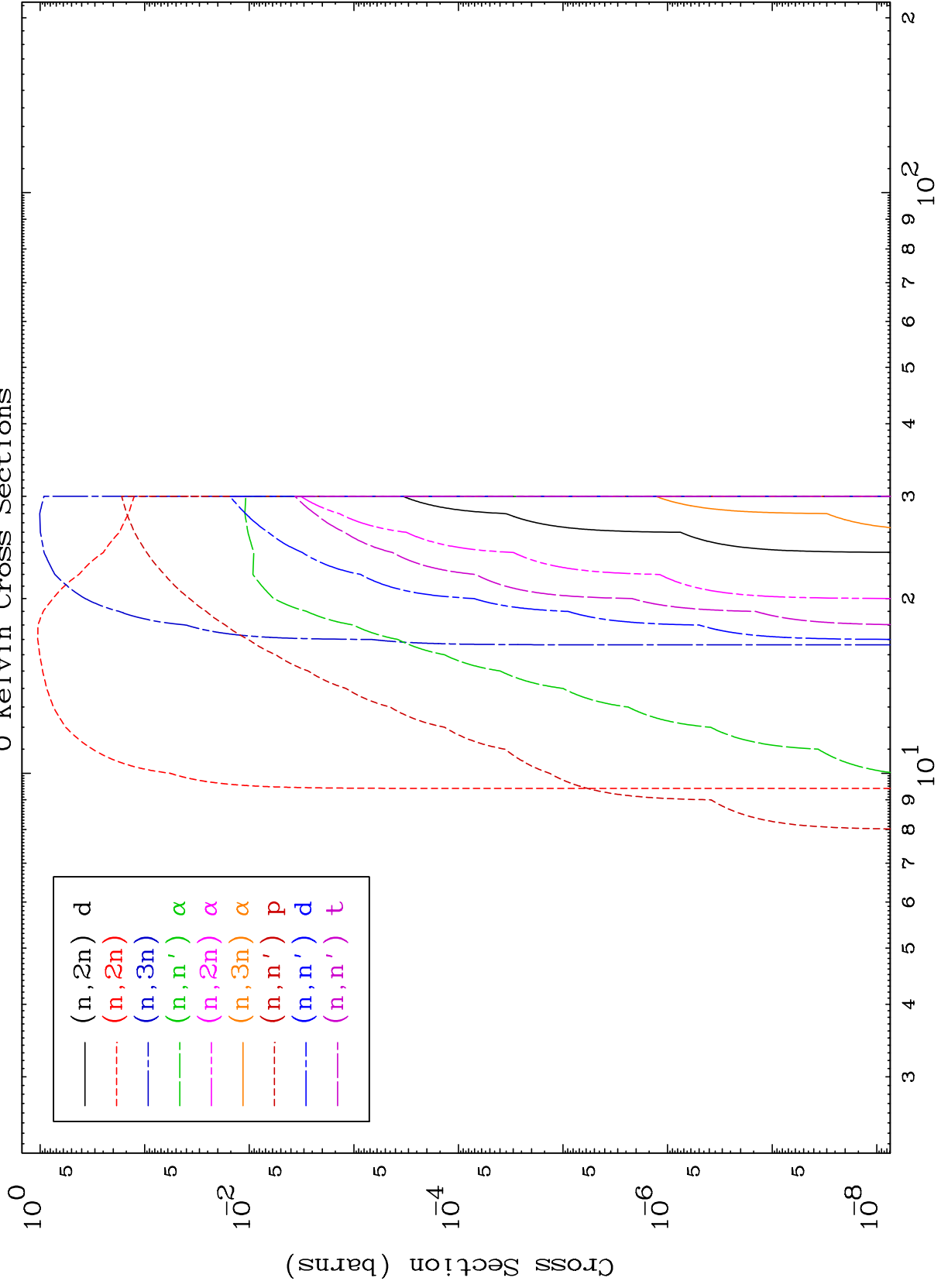
E.Mail:redcullen1@comcast.net

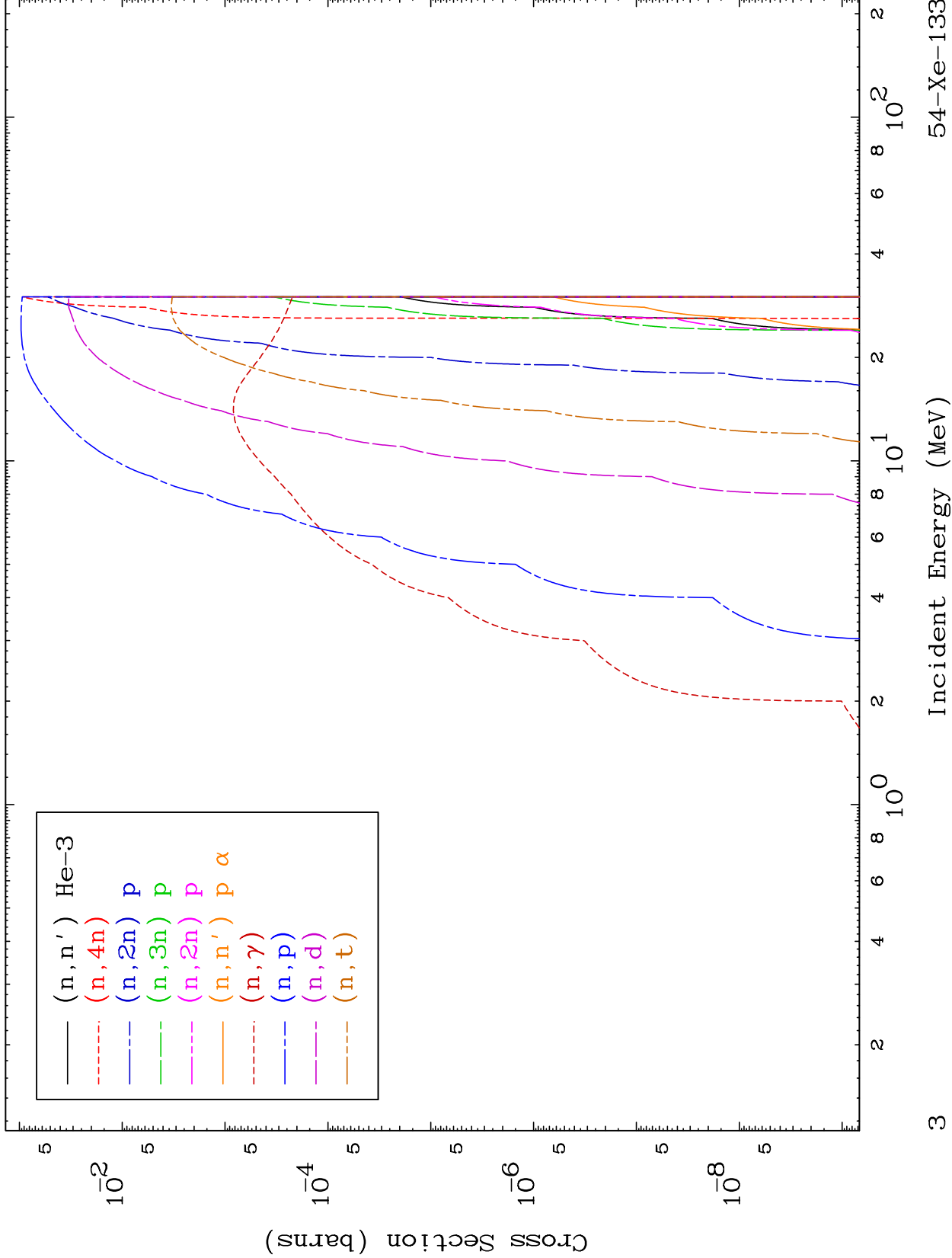
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Press Mouse Button to Start

0 Kelvin Cross Sections



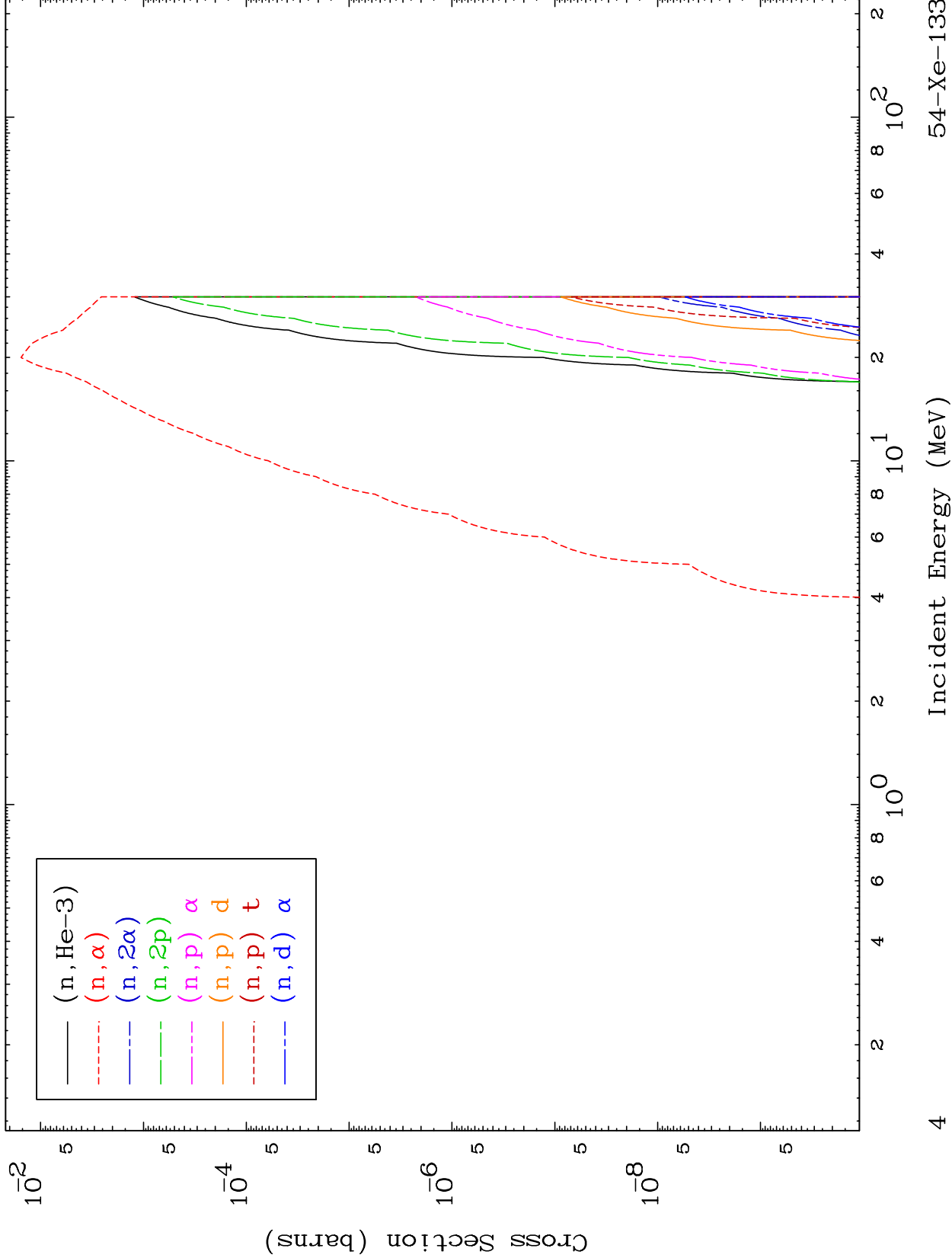


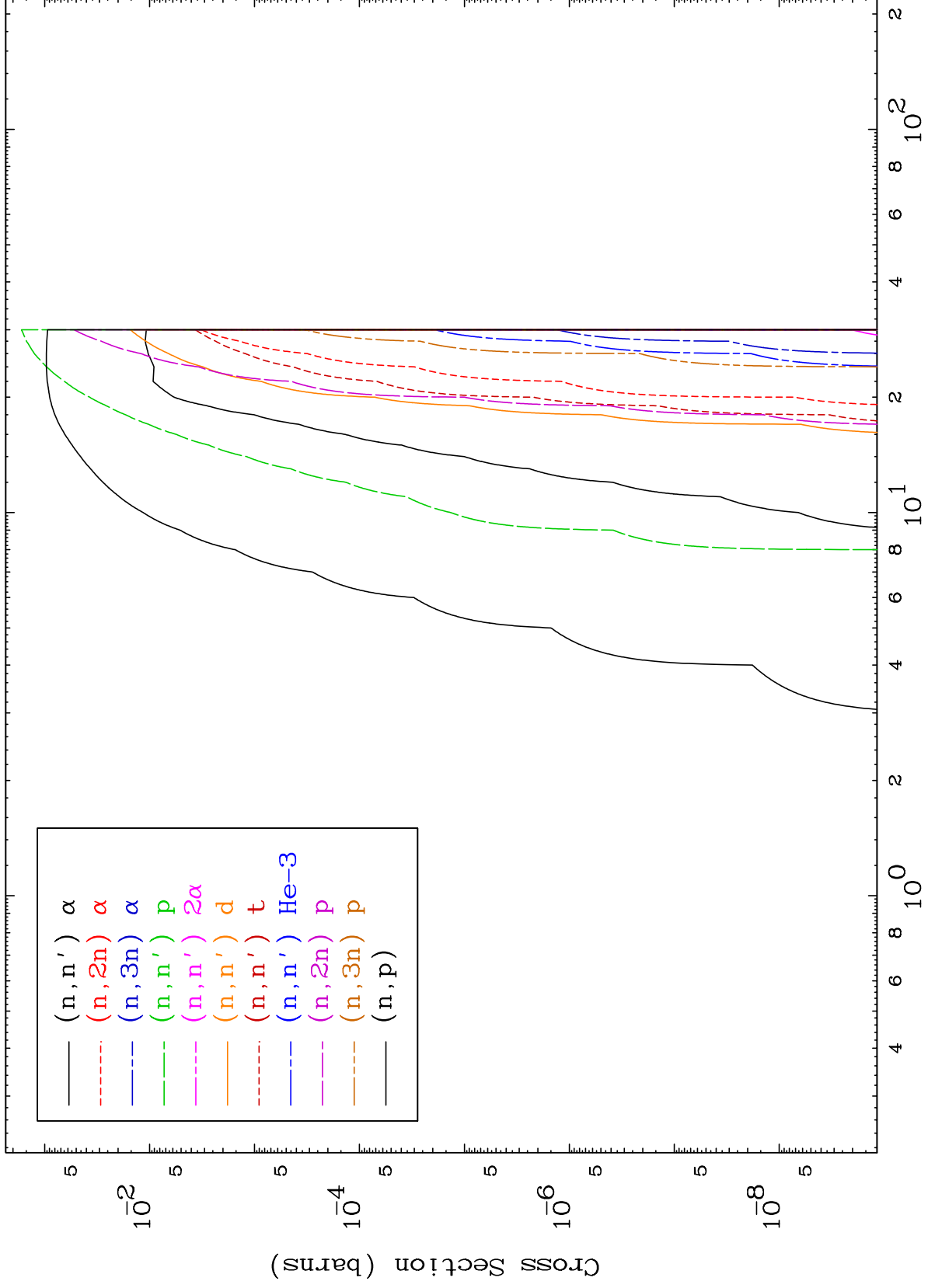


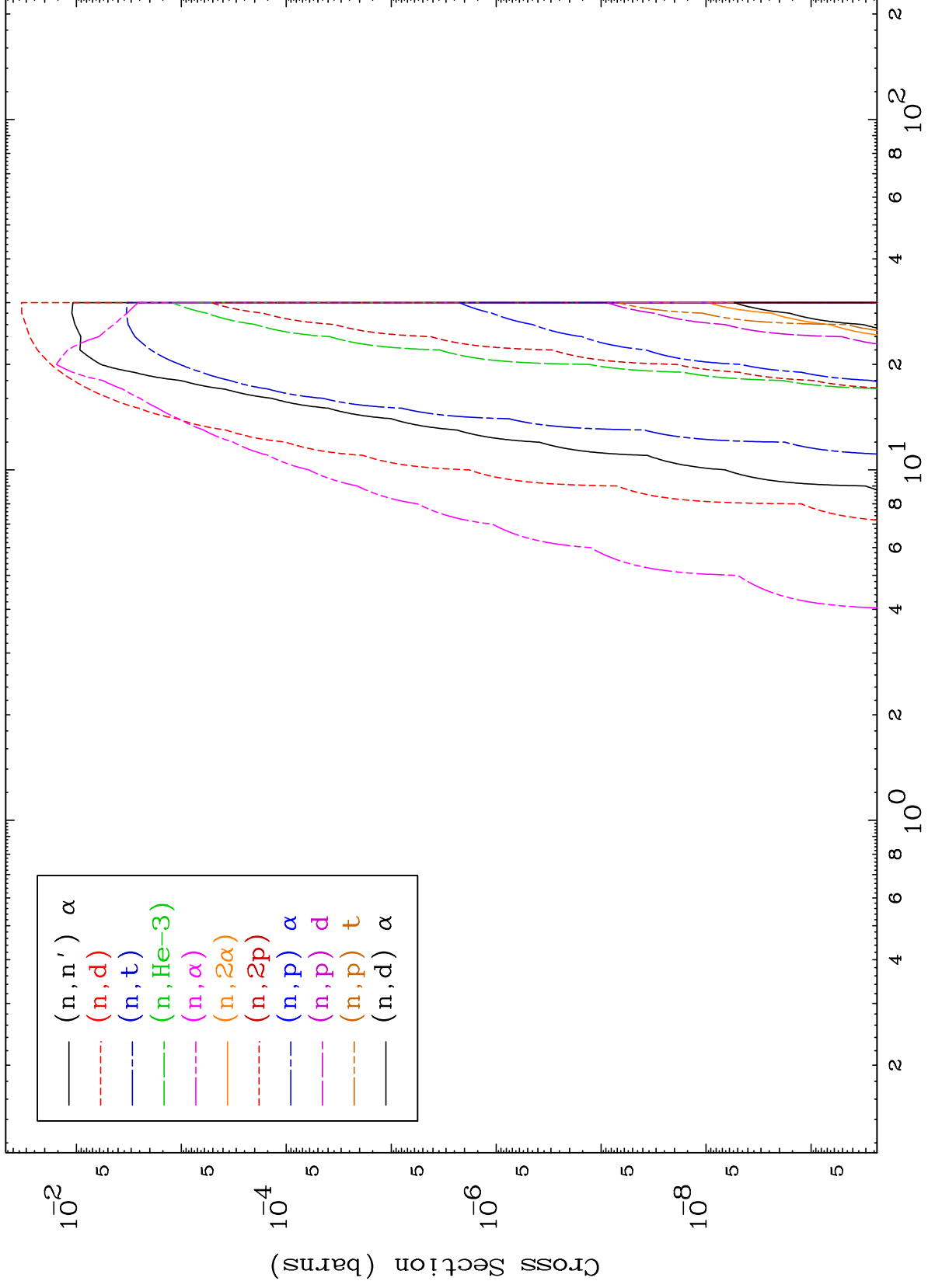
MAT 5452

Proton Neutron Absorption
0 Kelvin Cross Sections

54-Xe-133



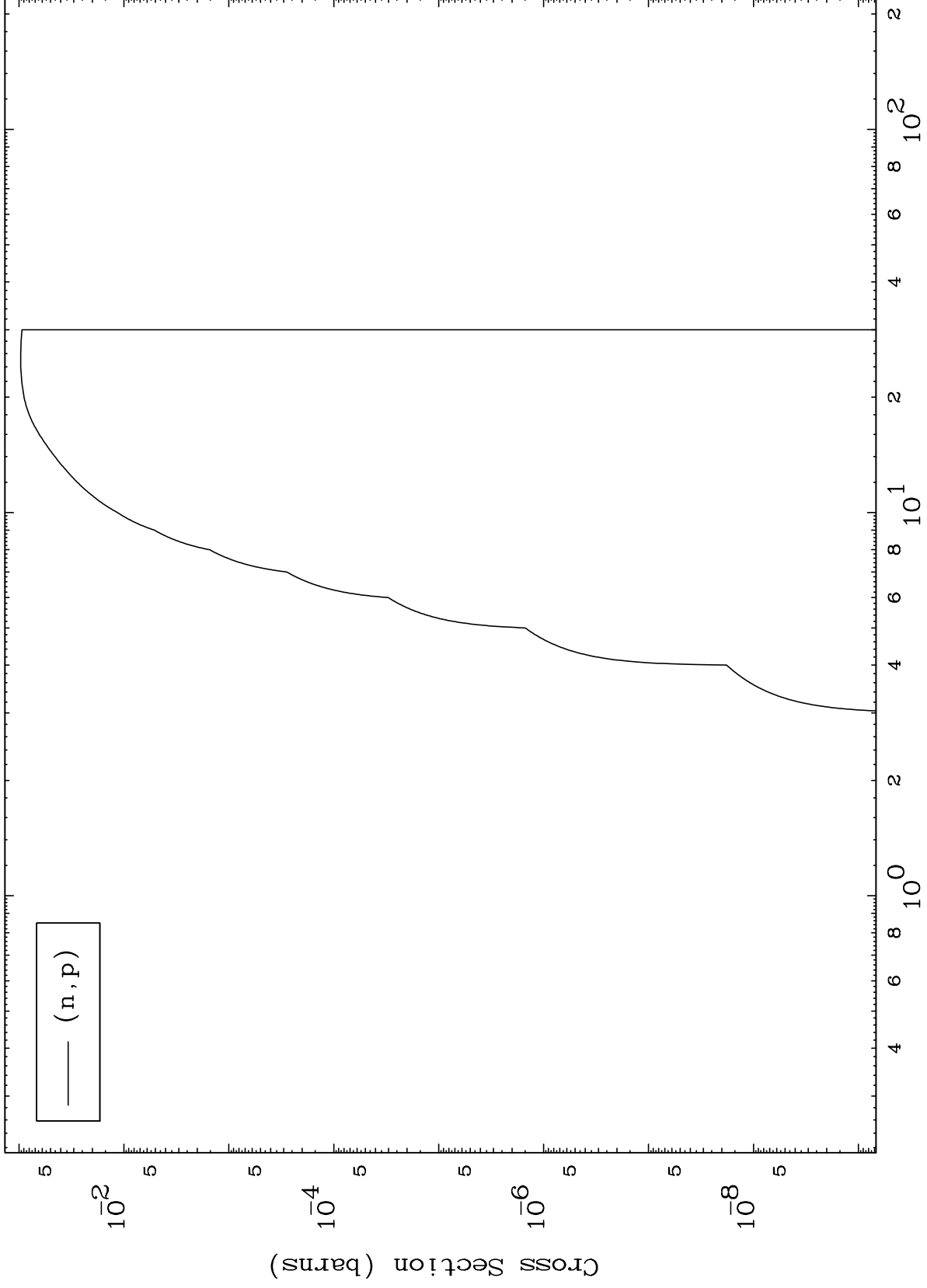




MAT 5452

(p,p) Levels
0 Kelvin Cross Sections

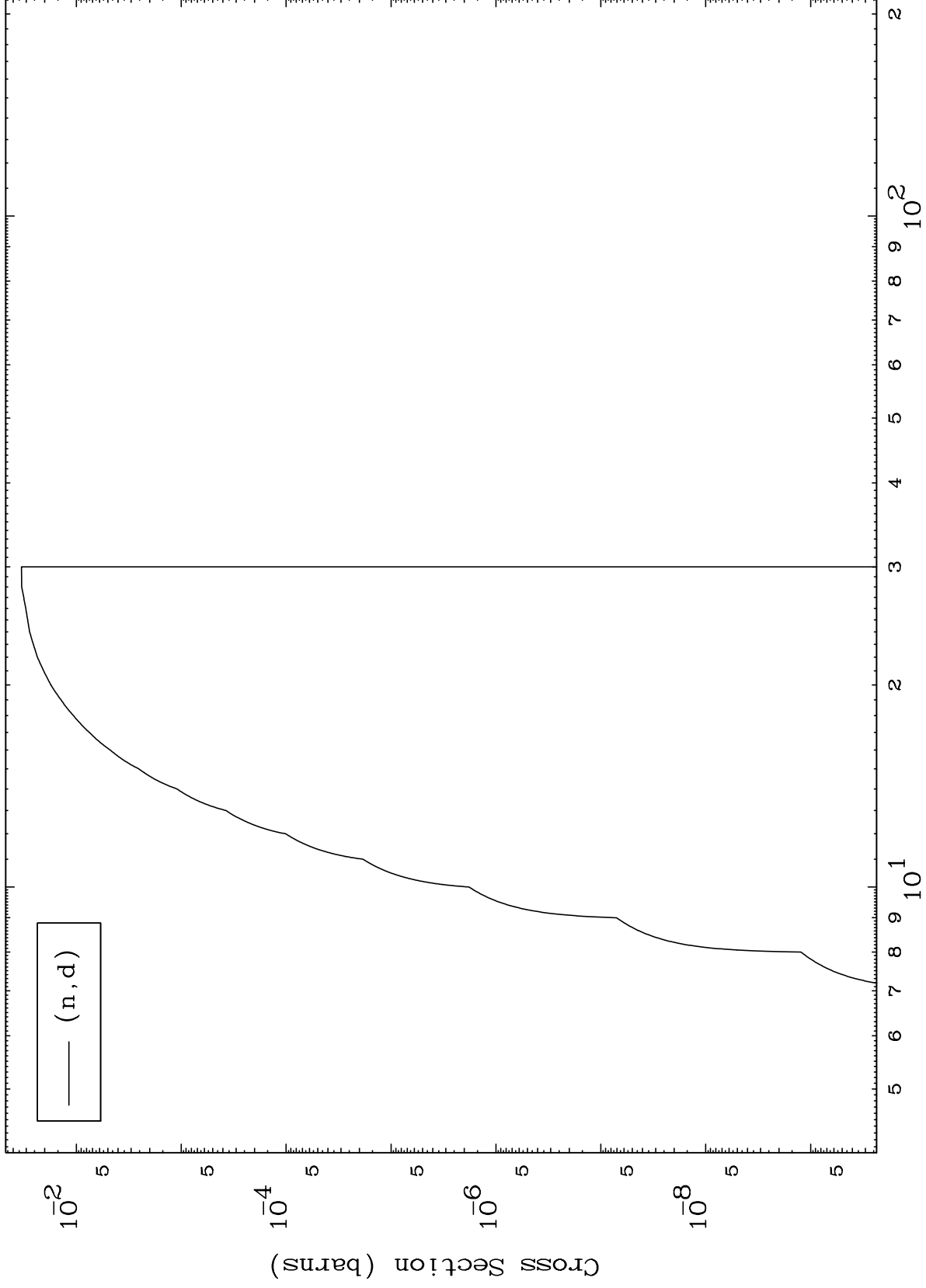
54-Xe-133



MAT 5452

(p,d) Levels
0 Kelvin Cross Sections

54-Xe-133



8

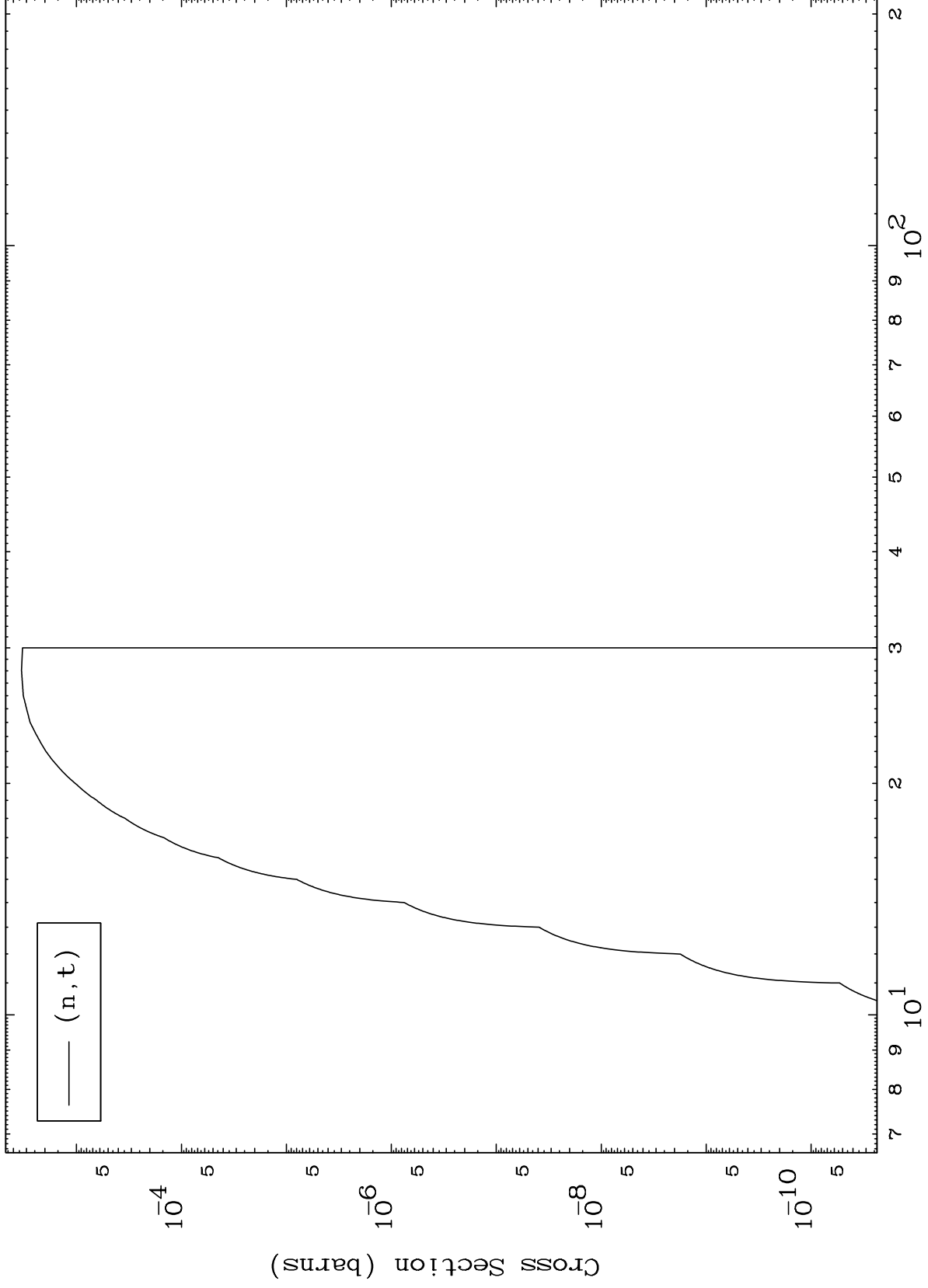
Incident Energy (MeV)

54-Xe-133

MAT 5452

(p, t) Levels
0 Kelvin Cross Sections

54-Xe-133



9

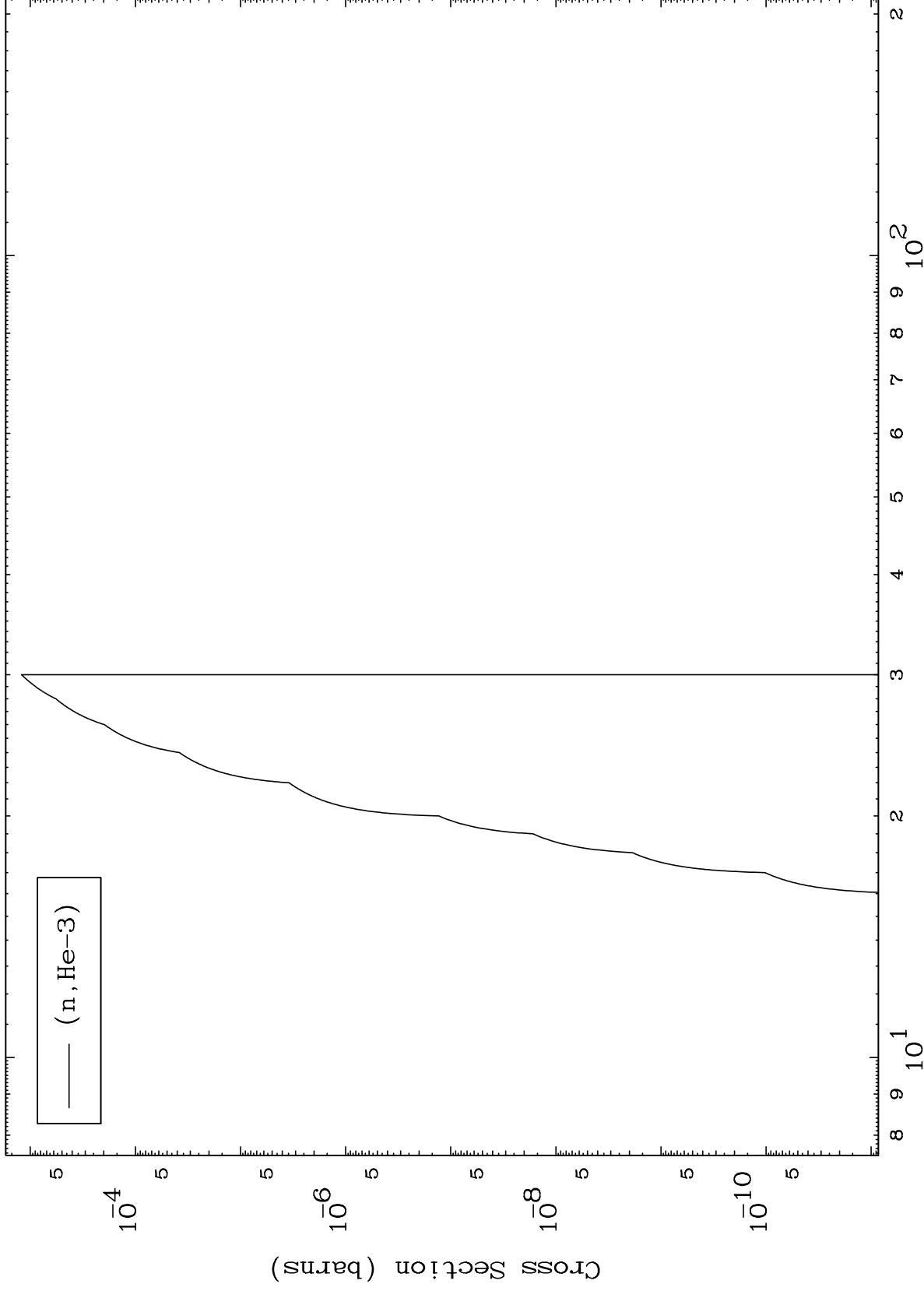
Incident Energy (MeV)

54-Xe-133

MAT 5452

(p,He3) Levels
0 Kelvin Cross Sections

54-Xe-133



(n, He-3)

10

Incident Energy (MeV)

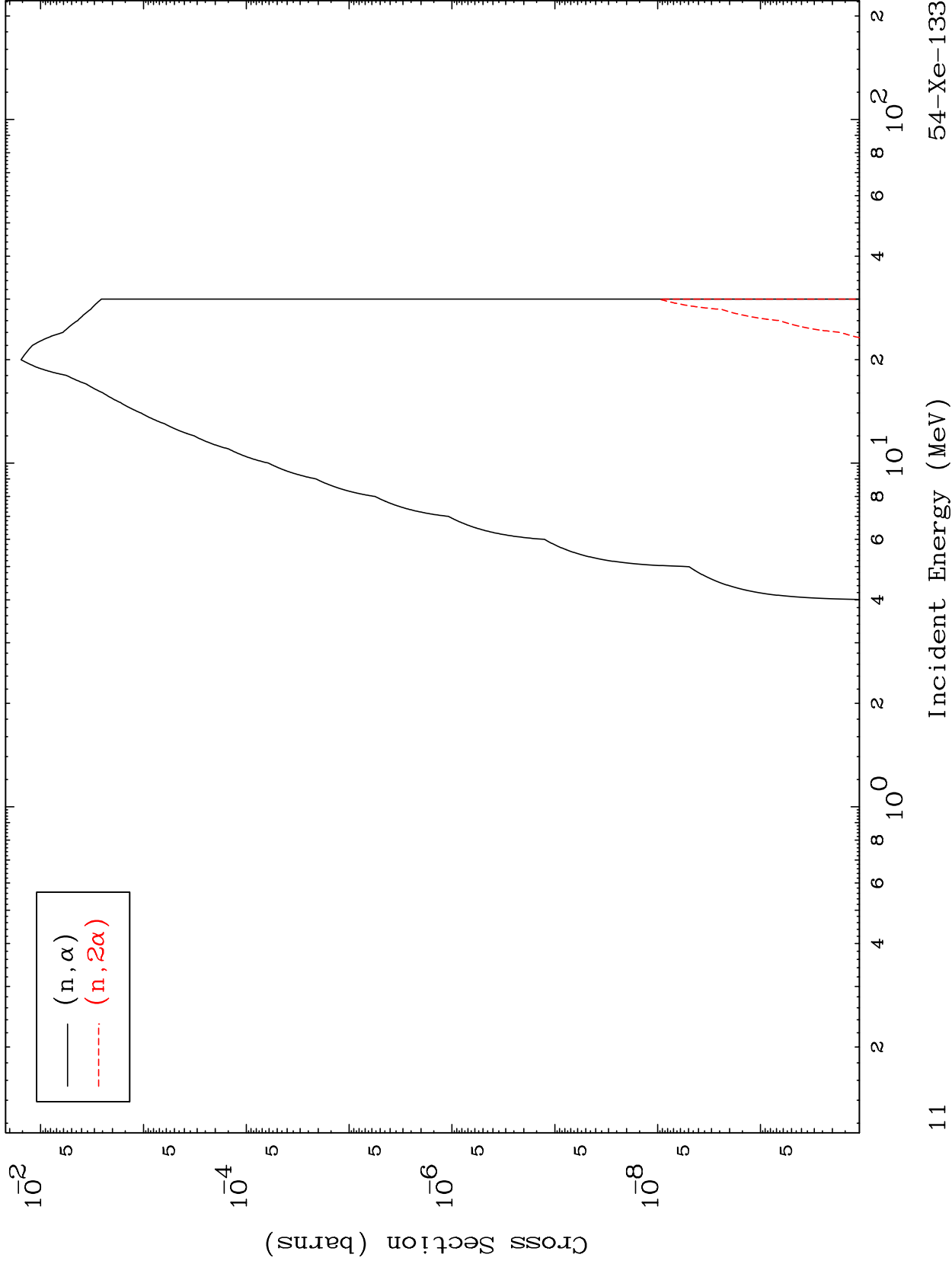
54-Xe-133

MAT 5452

(p, α) Levels

54-Xe-133

0 Kelvin Cross Sections

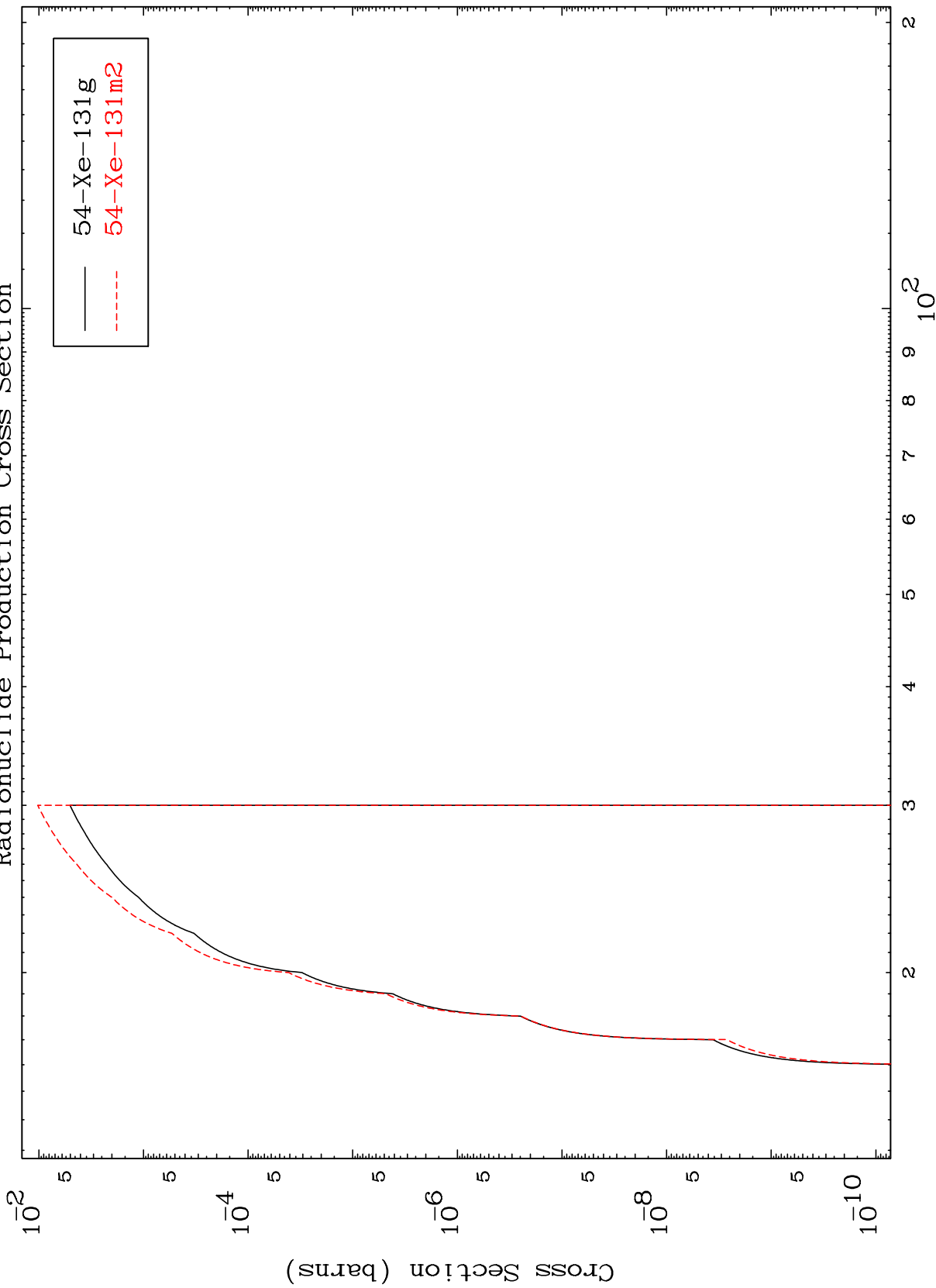


MAT 5452

(n,n') d

54-Xe-133

Radionuclide Production Cross Section



12

Incident Energy (MeV)

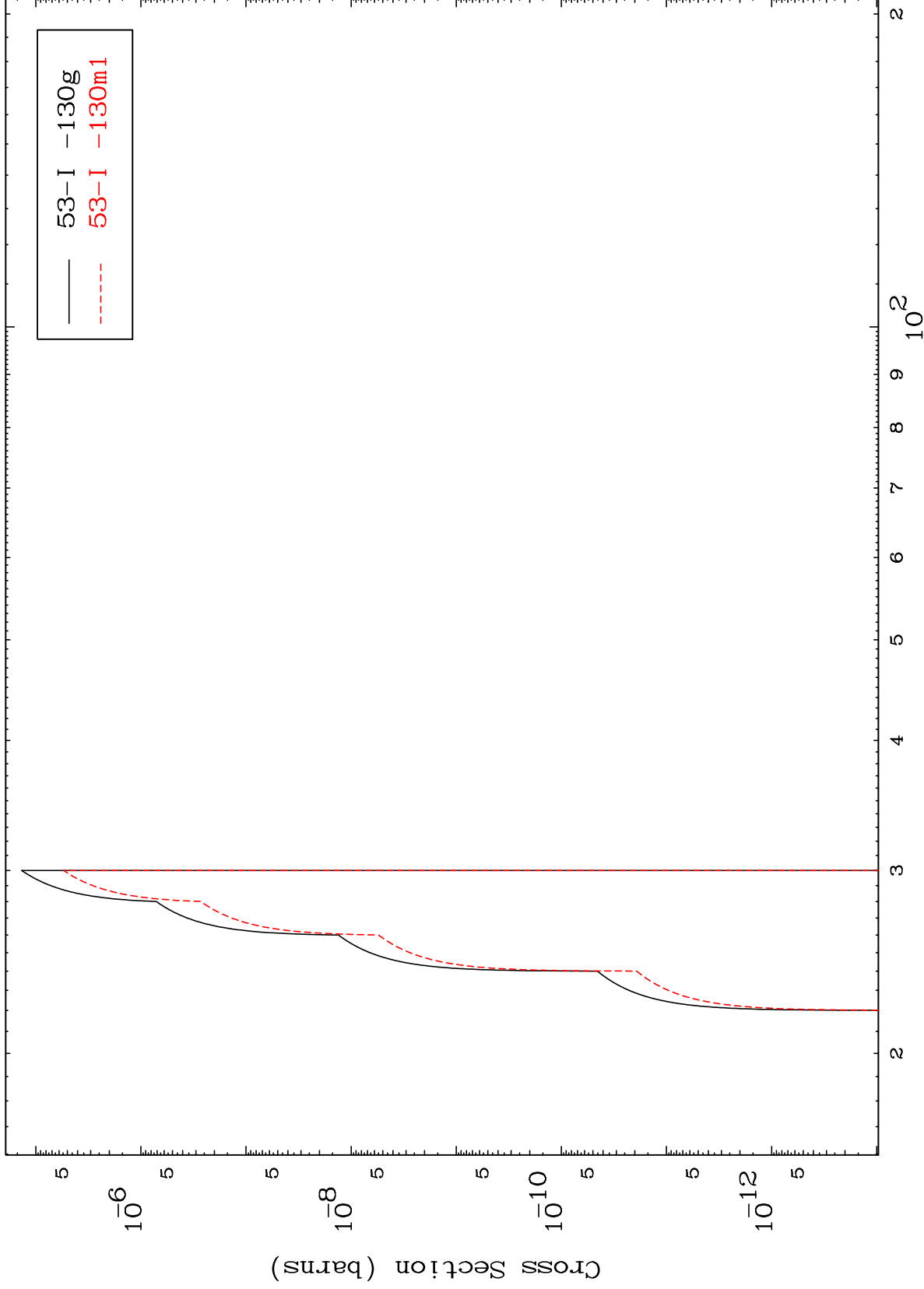
54-Xe-133

MAT 5452

(n,n') He-3

54-Xe-133

Radionuclide Production Cross Section



13

Incident Energy (MeV)

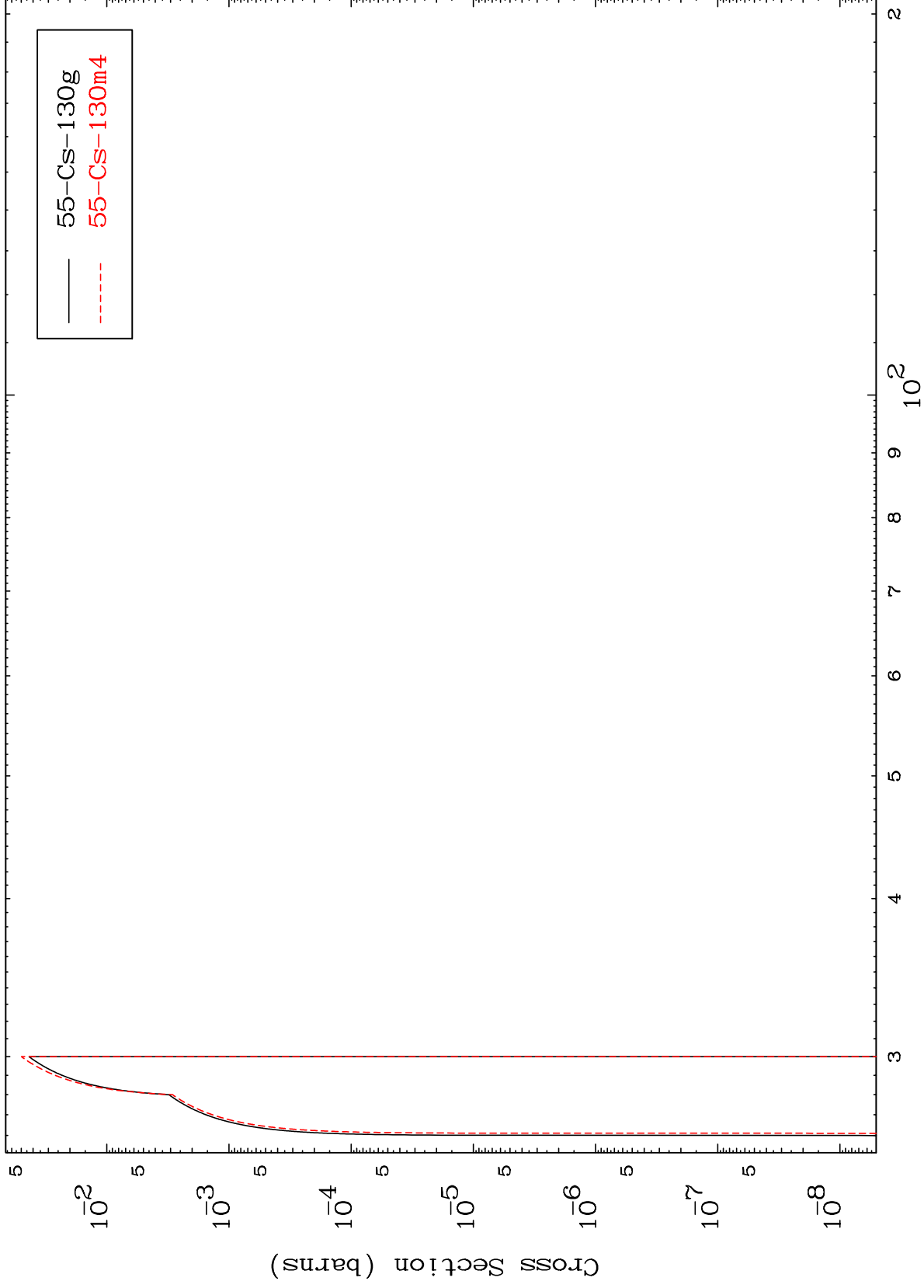
54-Xe-133

MAT 5452

(n,4n)

54-Xe-133

Radionuclide Production Cross Section



14

Incident Energy (MeV)

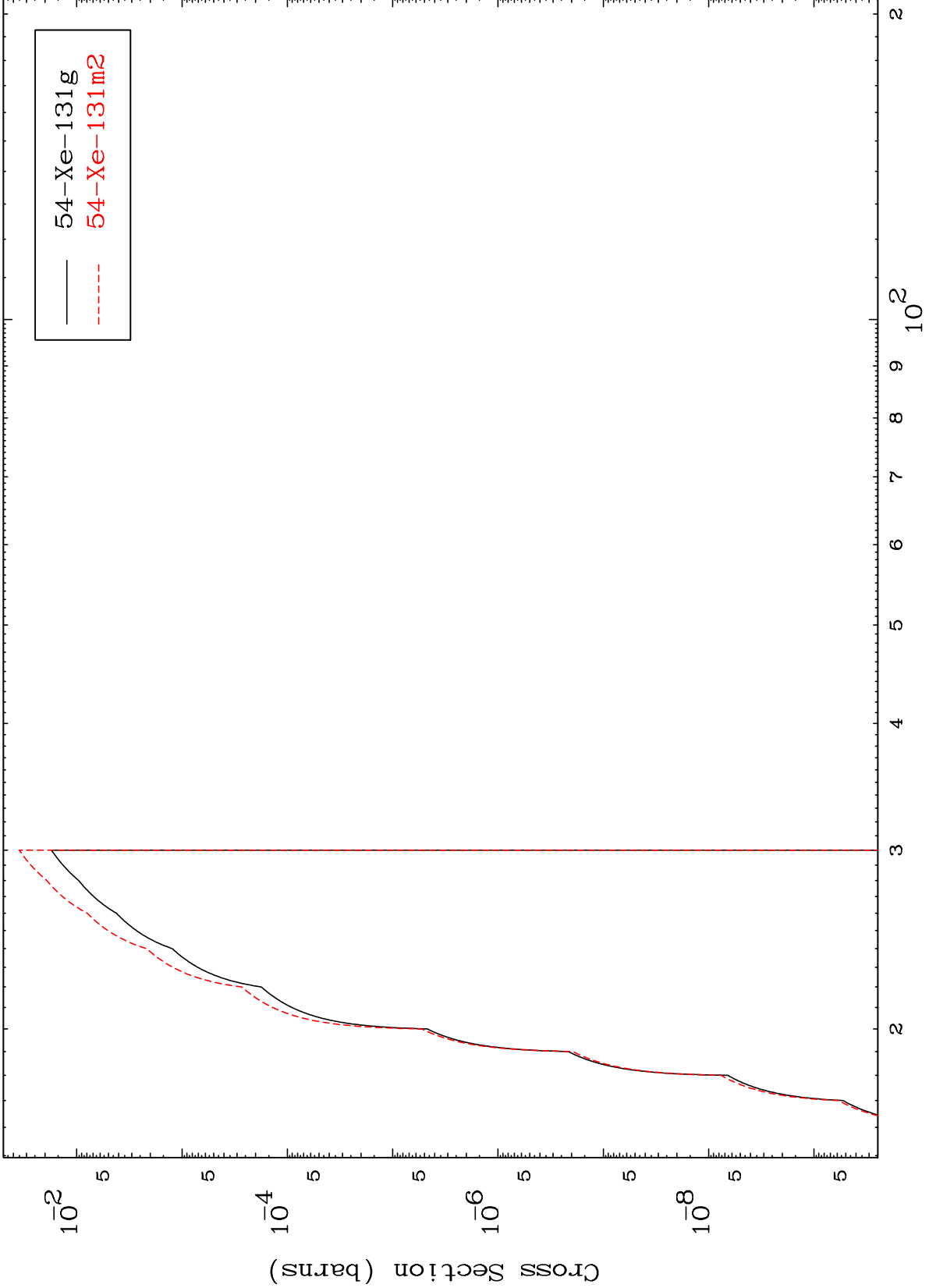
54-Xe-133

MAT 5452

(n,2n) p

54-Xe-133

Radionuclide Production Cross Section



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

15

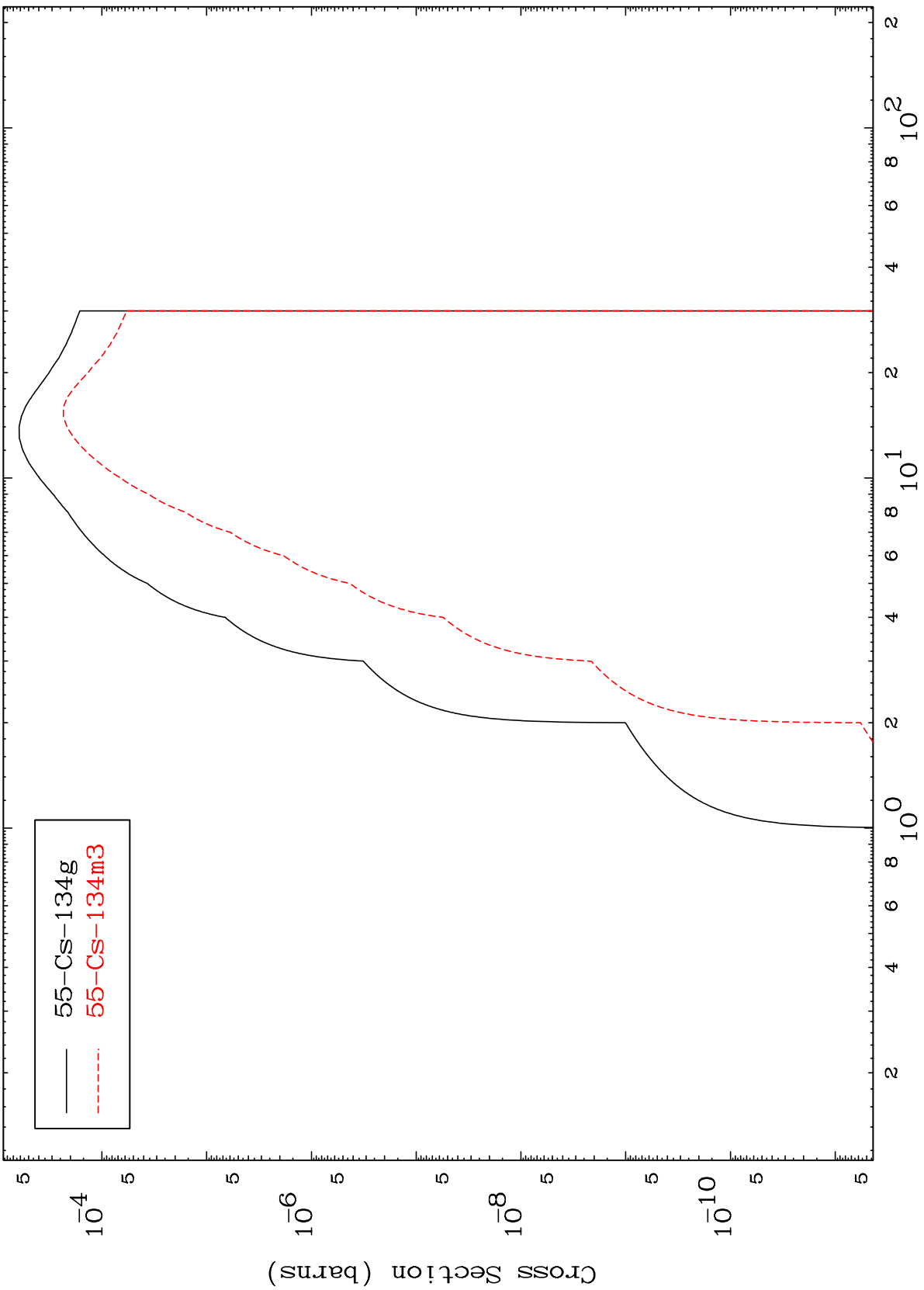
Incident Energy (MeV)

54-Xe-133

MAT 5452

54-Xe-133

(n, γ)
Radionuclide Production Cross Section



— 55-Cs-134g
- - - 55-Cs-134m3

54-Xe-133

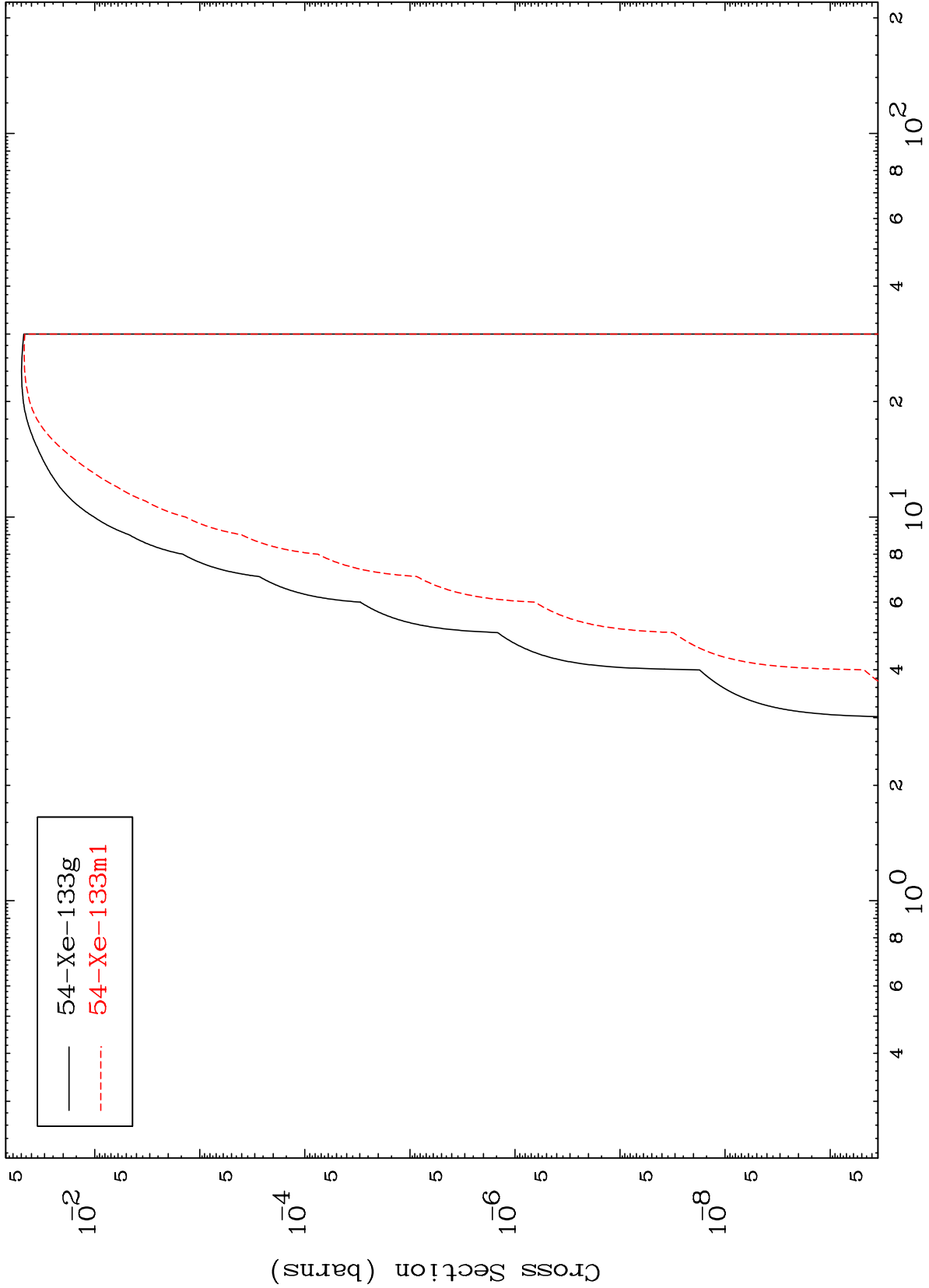
Incident Energy (MeV)

16

MAT 5452

54-Xe-133

(n,p)
Radionuclide Production Cross Section



54-Xe-133

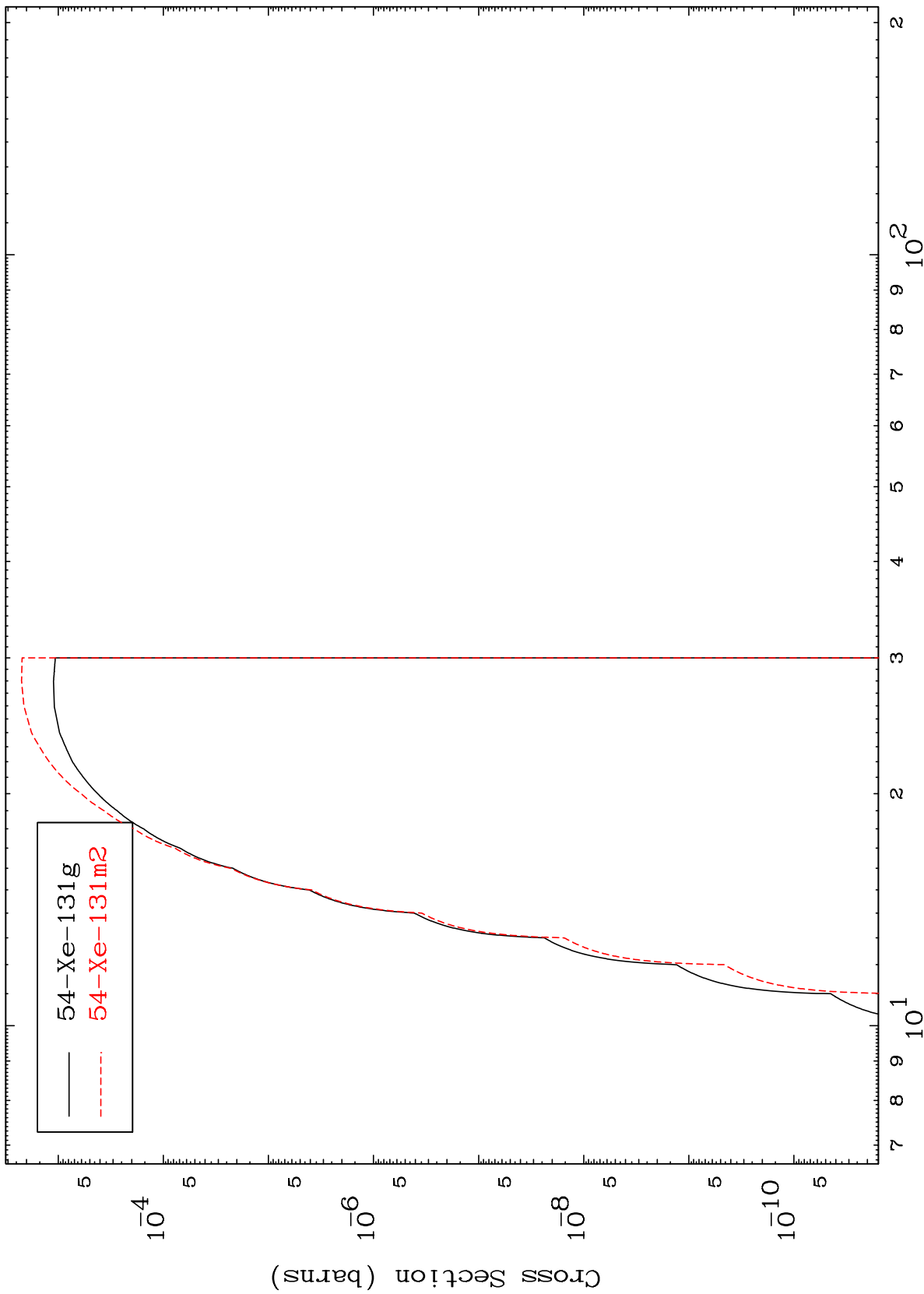
Incident Energy (MeV)

17

MAT 5452

54-Xe-133

(n, t)
Radionuclide Production Cross Section



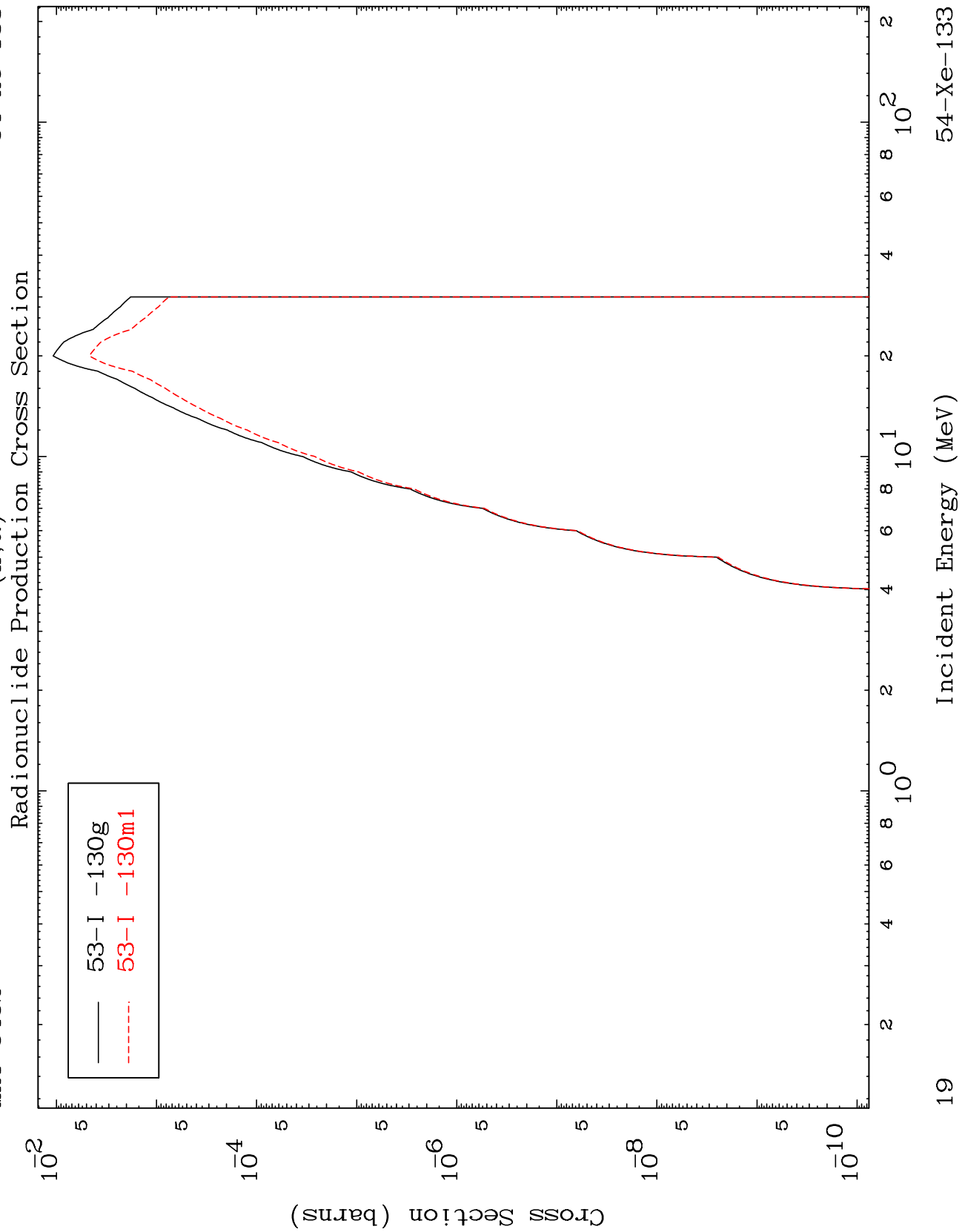
54-Xe-133

Incident Energy (MeV)

18

MAT 5452

54-Xe-133

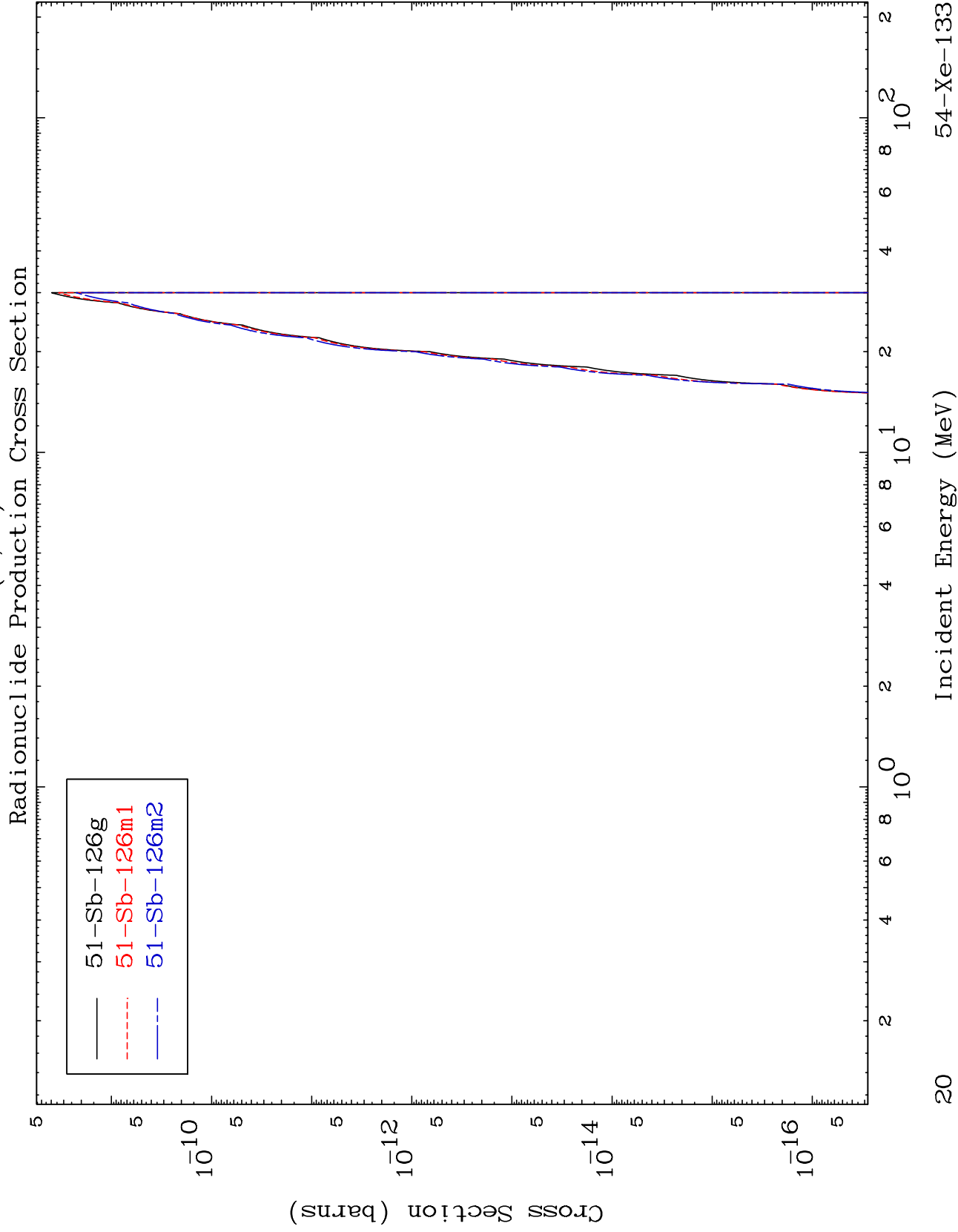


53-I -130g
53-I -130m1

MAT 5452

(n,2α)

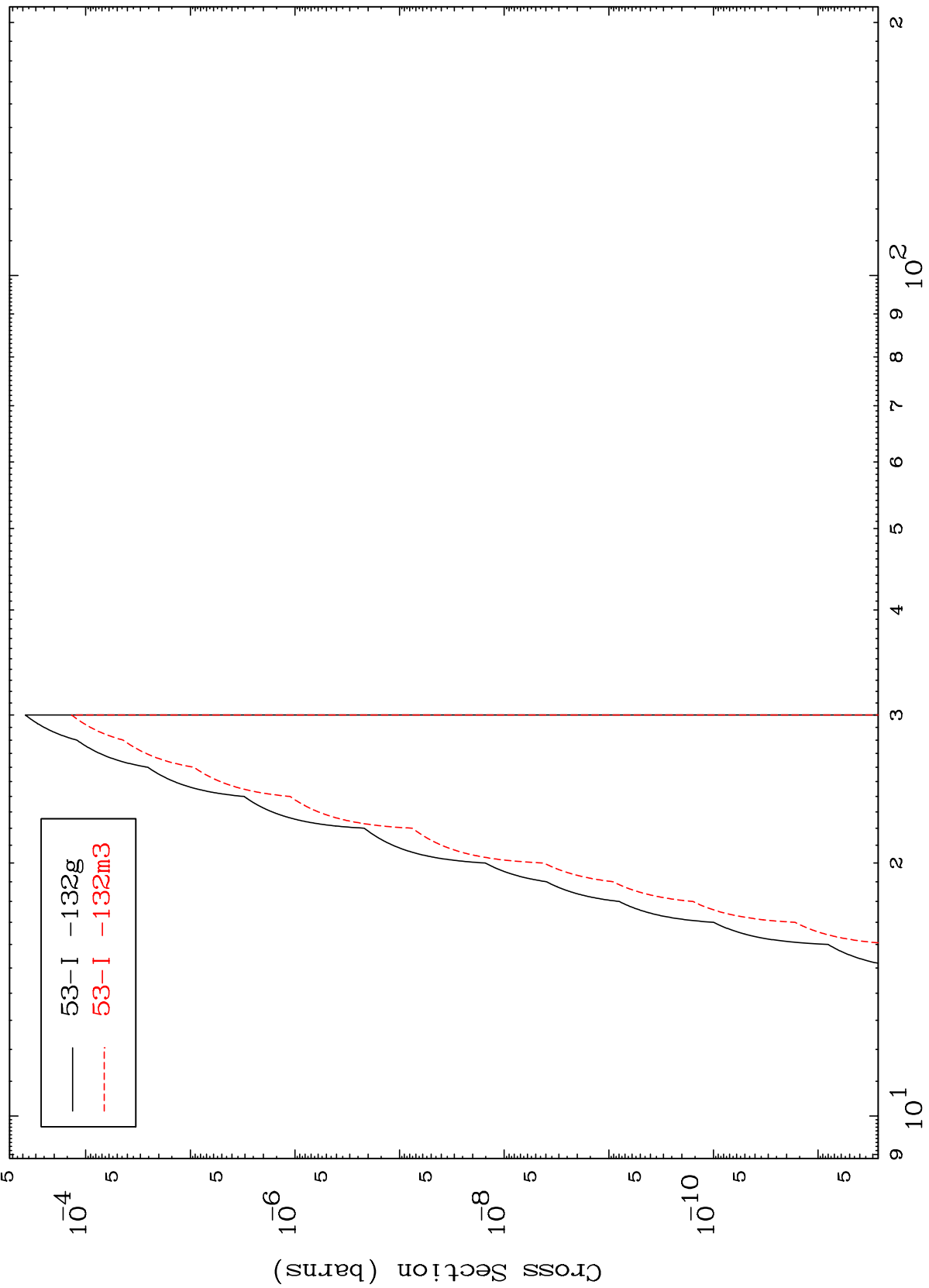
54-Xe-133



MAT 5452

54-Xe-133

(n,2p)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

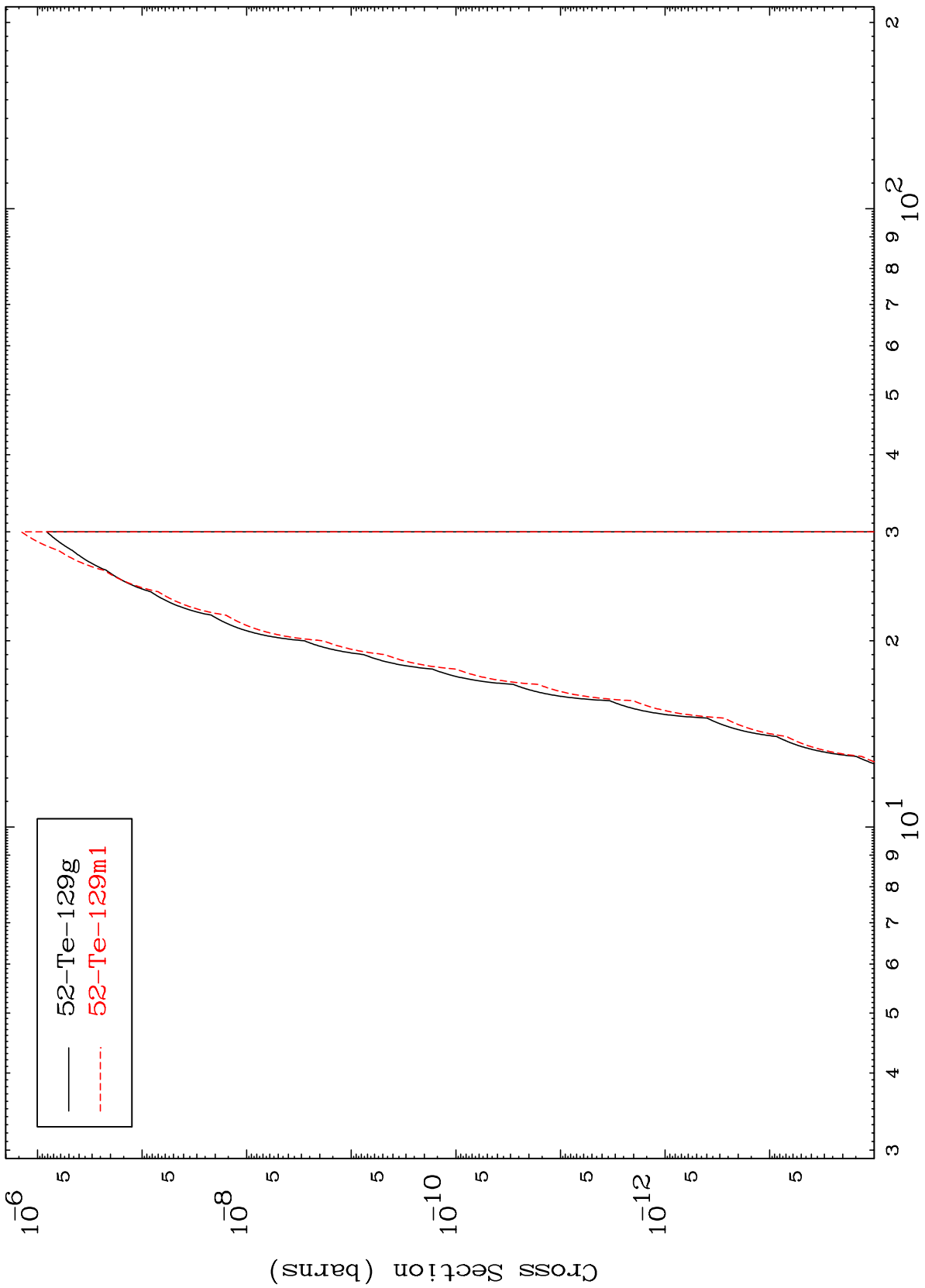
54-Xe-133

MAT 5452

(n,p) α

54-Xe-133

Radionuclide Production Cross Section



52-Te-129g
52-Te-129m1

Incident Energy (MeV)

54-Xe-133

22

