

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

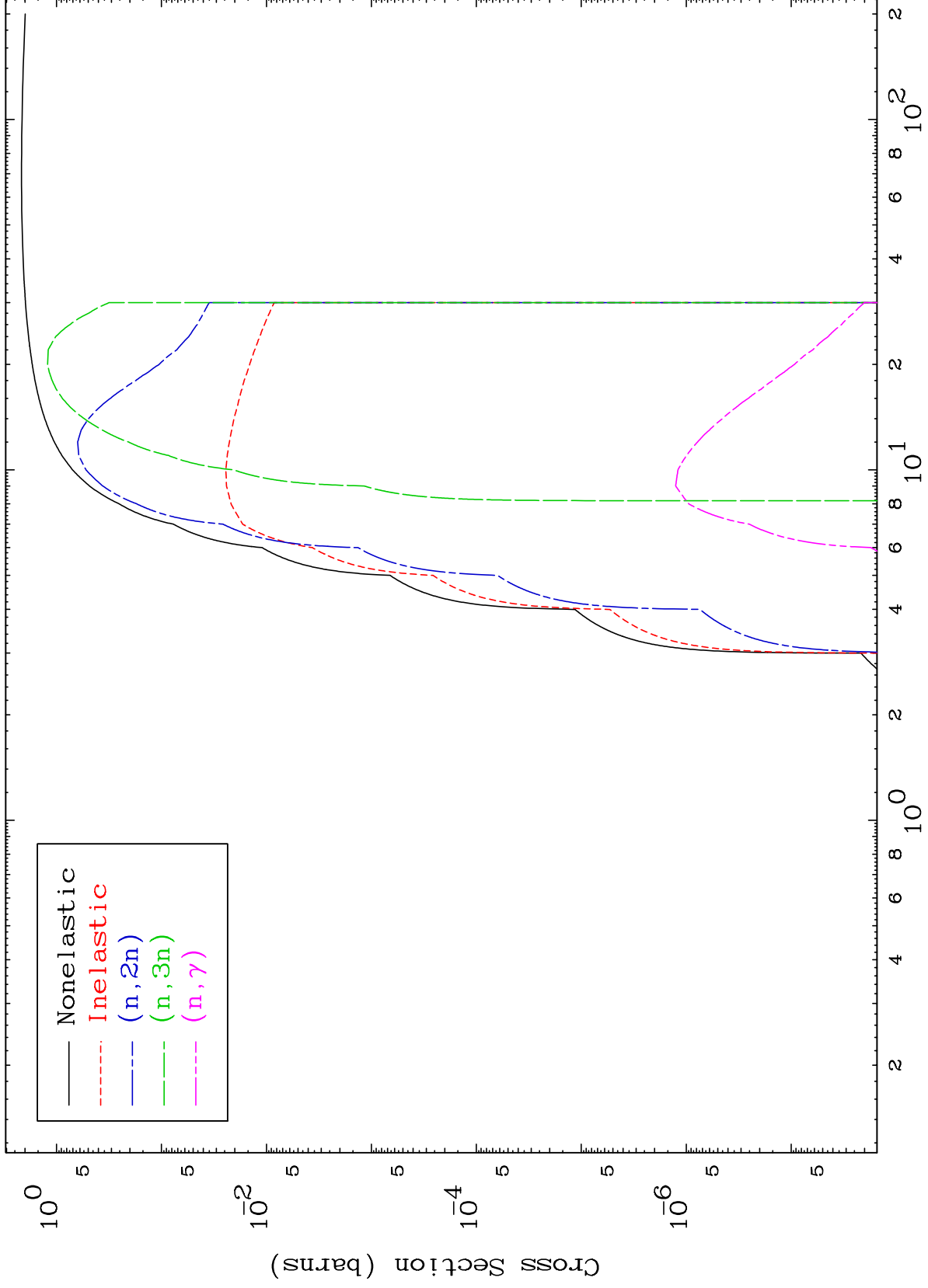
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

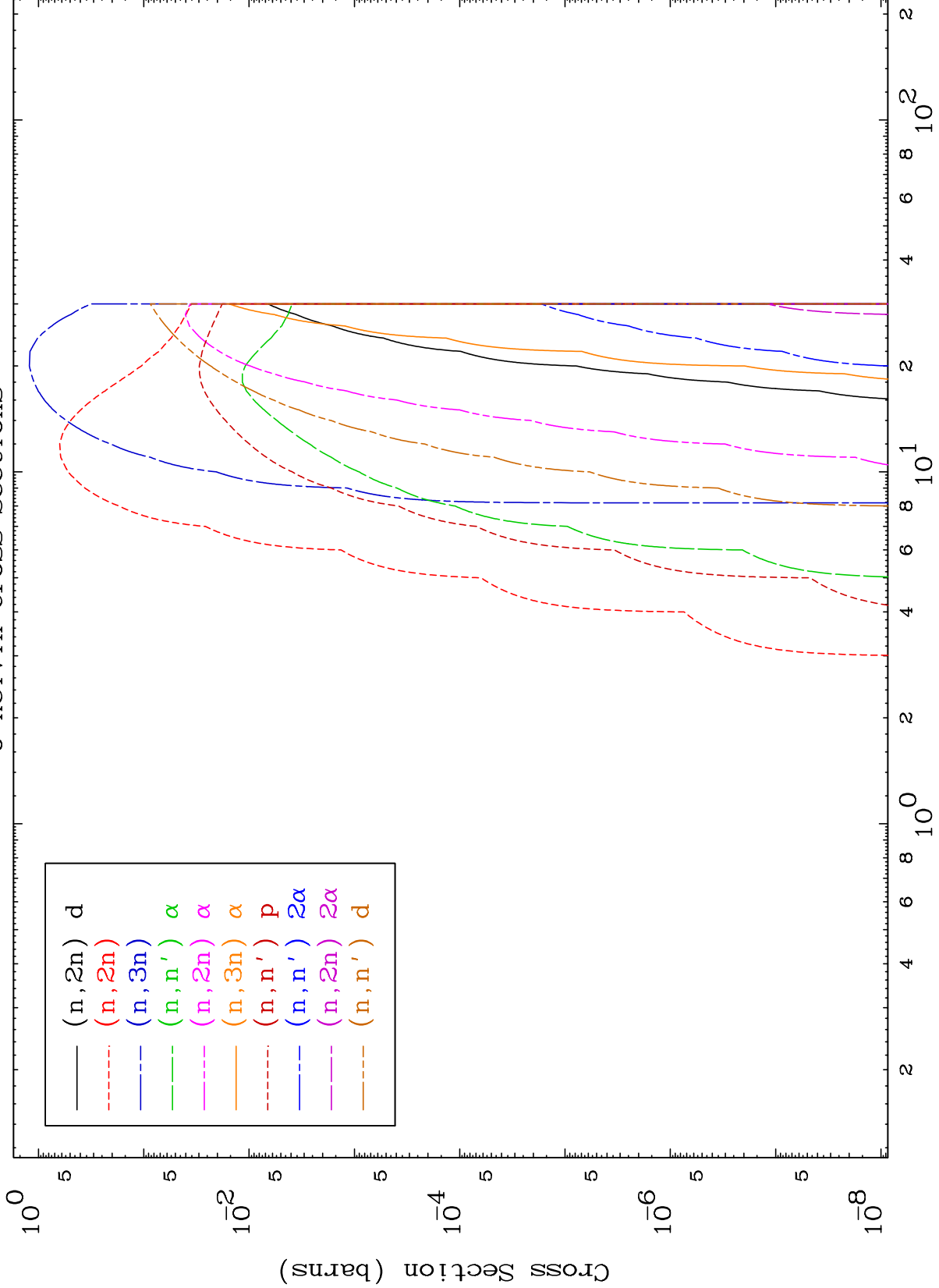
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

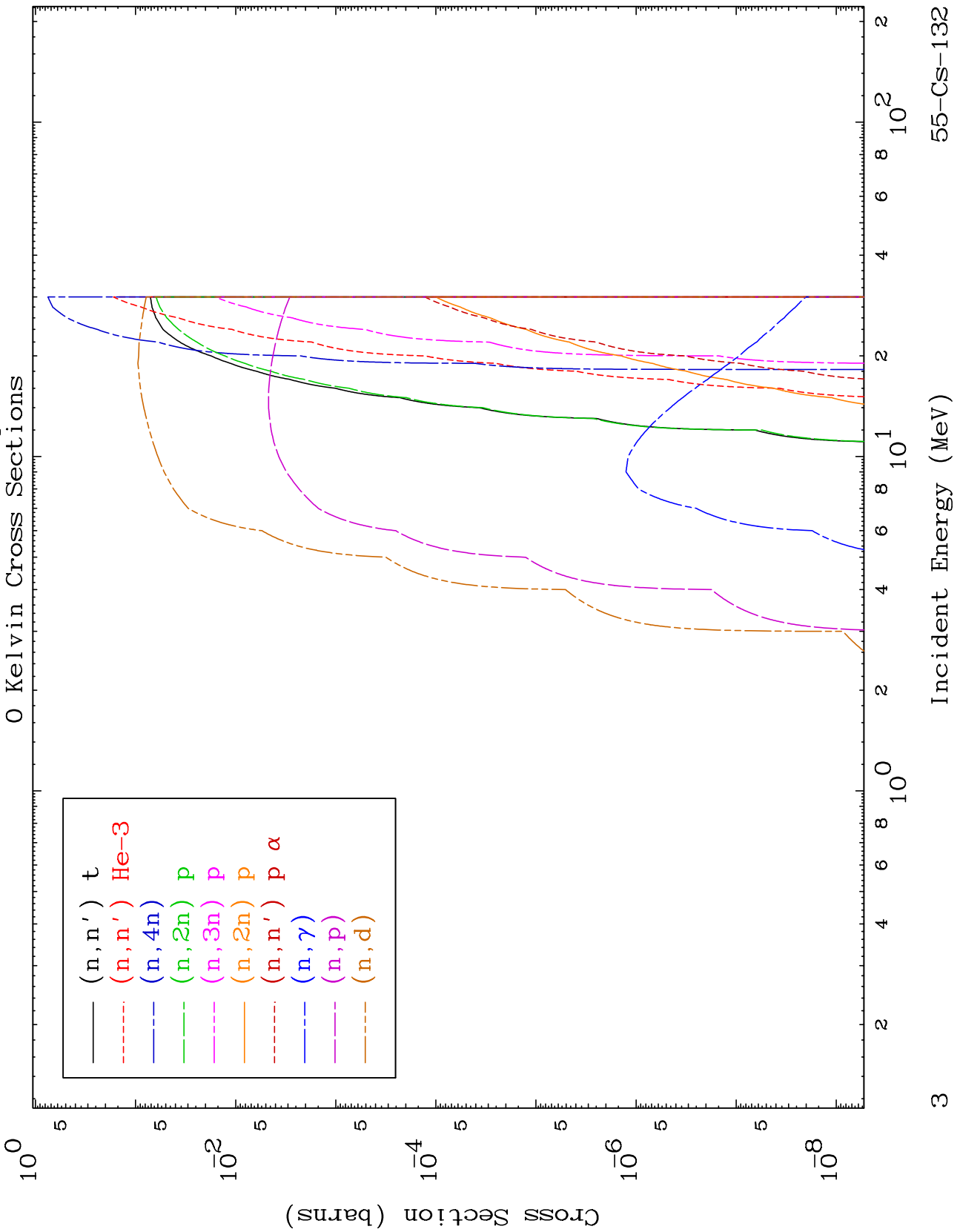


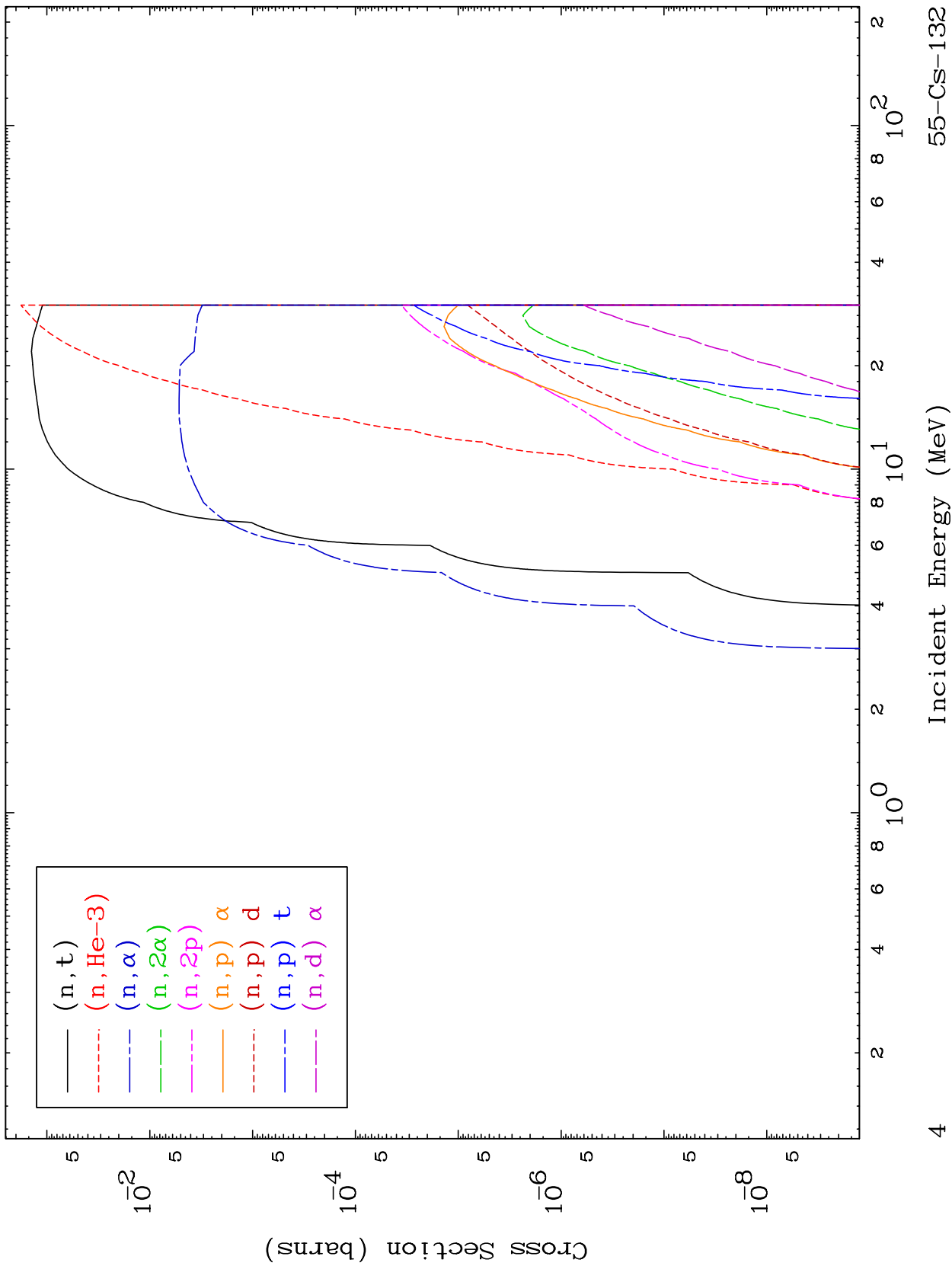


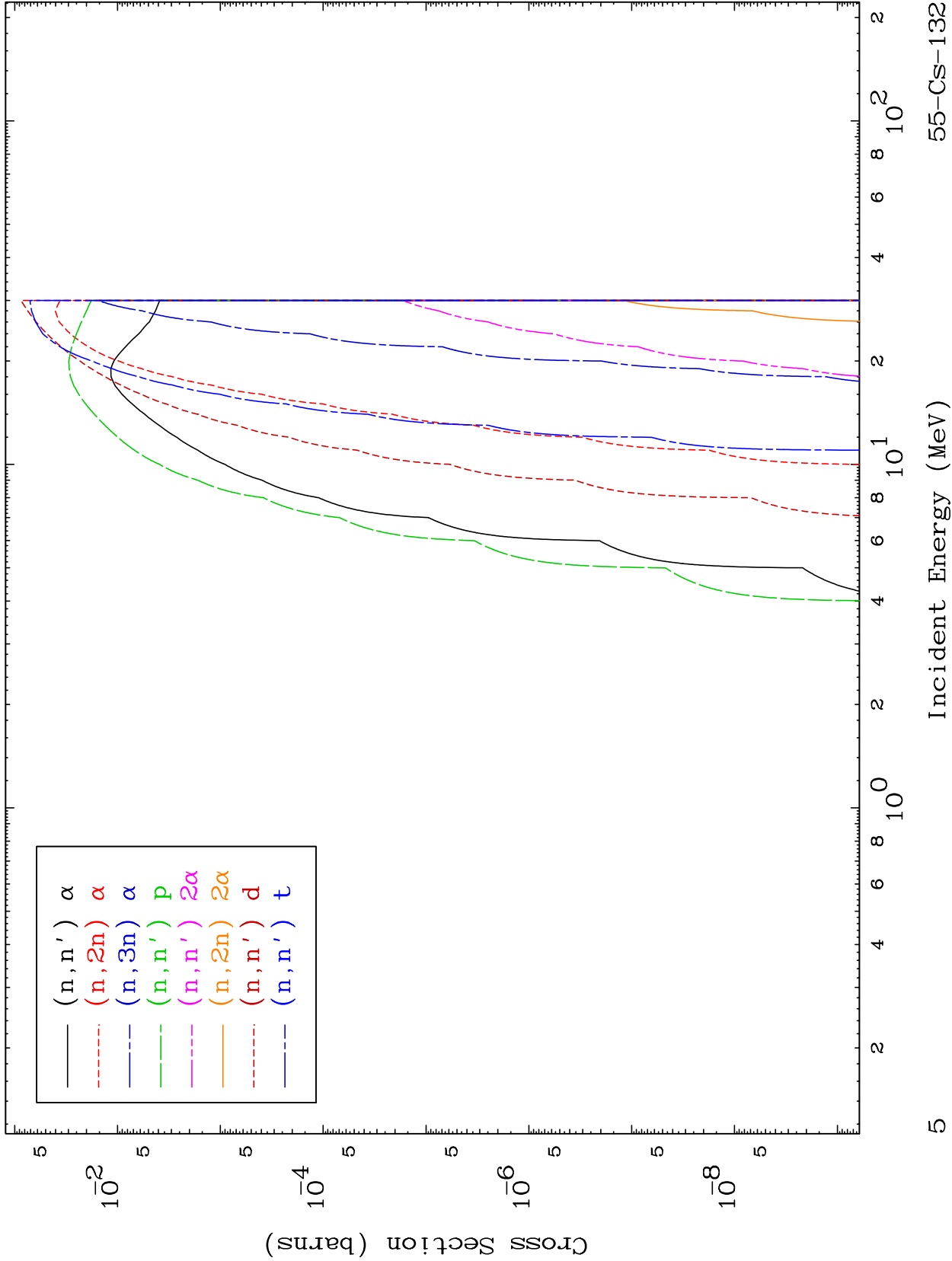
MAT 5522

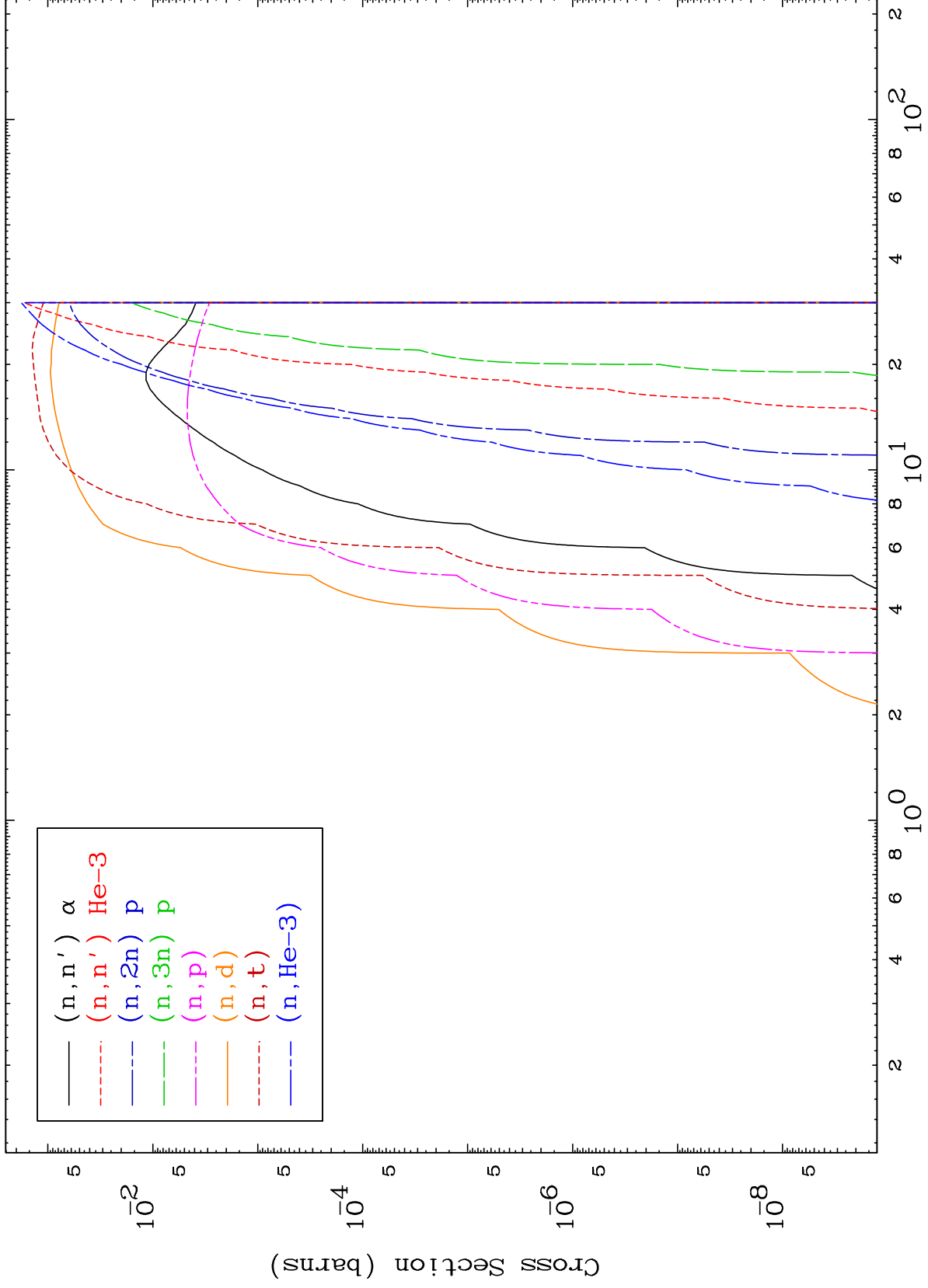
Triton Neutron Absorption
0 Kelvin Cross Sections

55-Cs-132





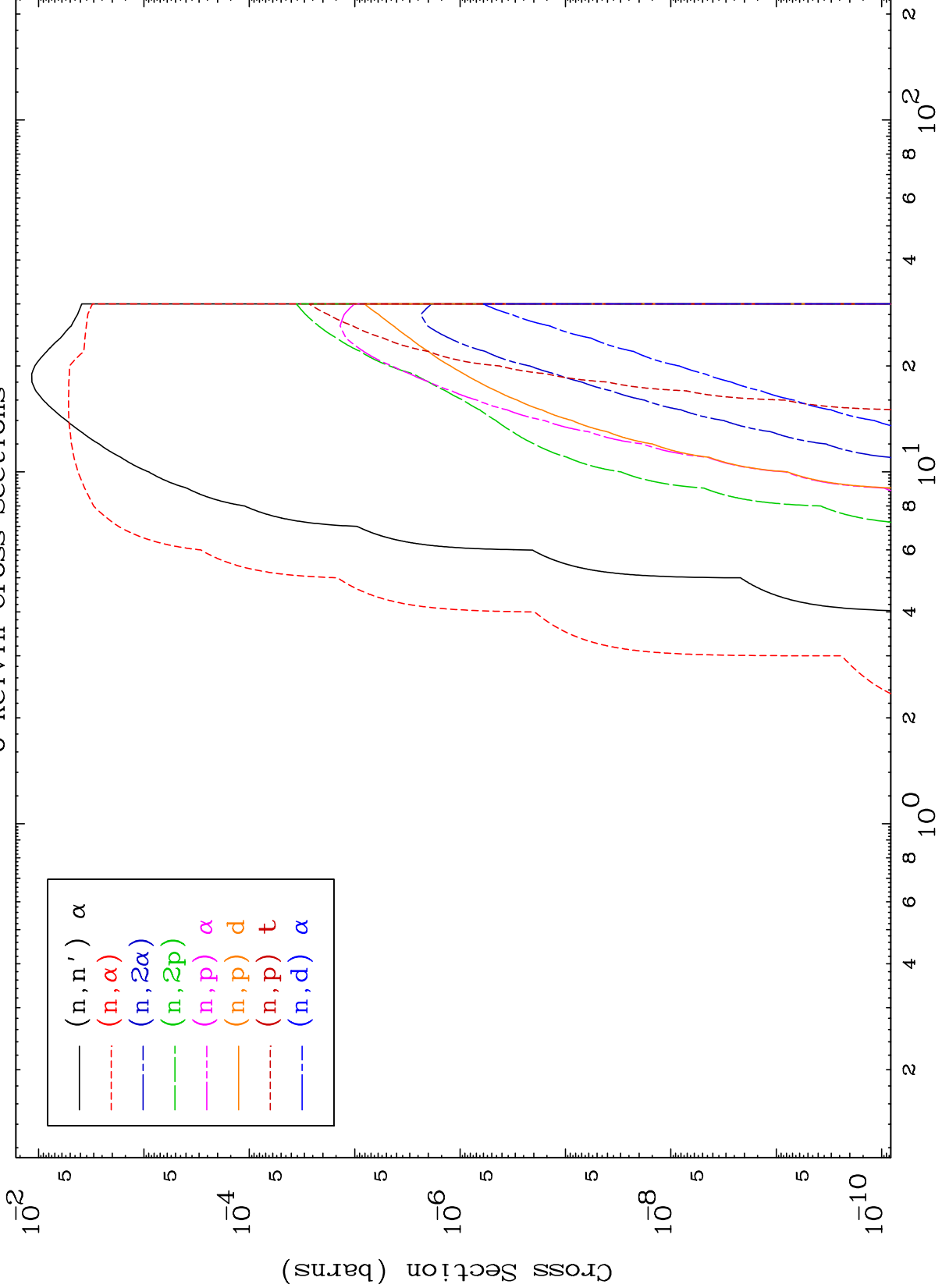




MAT 5522

Triton Charged Particle
0 Kelvin Cross Sections

55-Cs-132



55-Cs-132

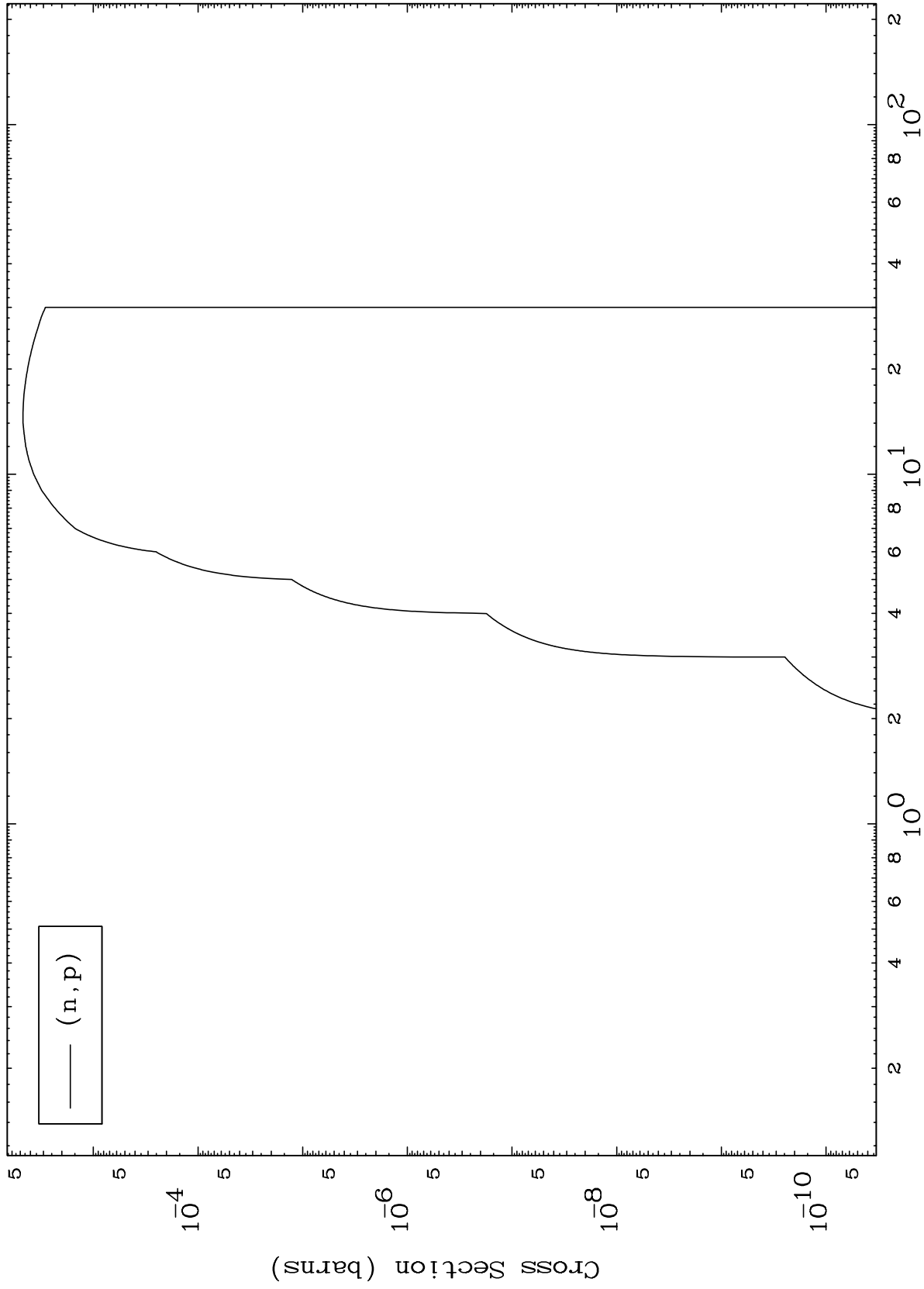
Incident Energy (MeV)

MAT 5522

(t,p) Levels

55-Cs-132

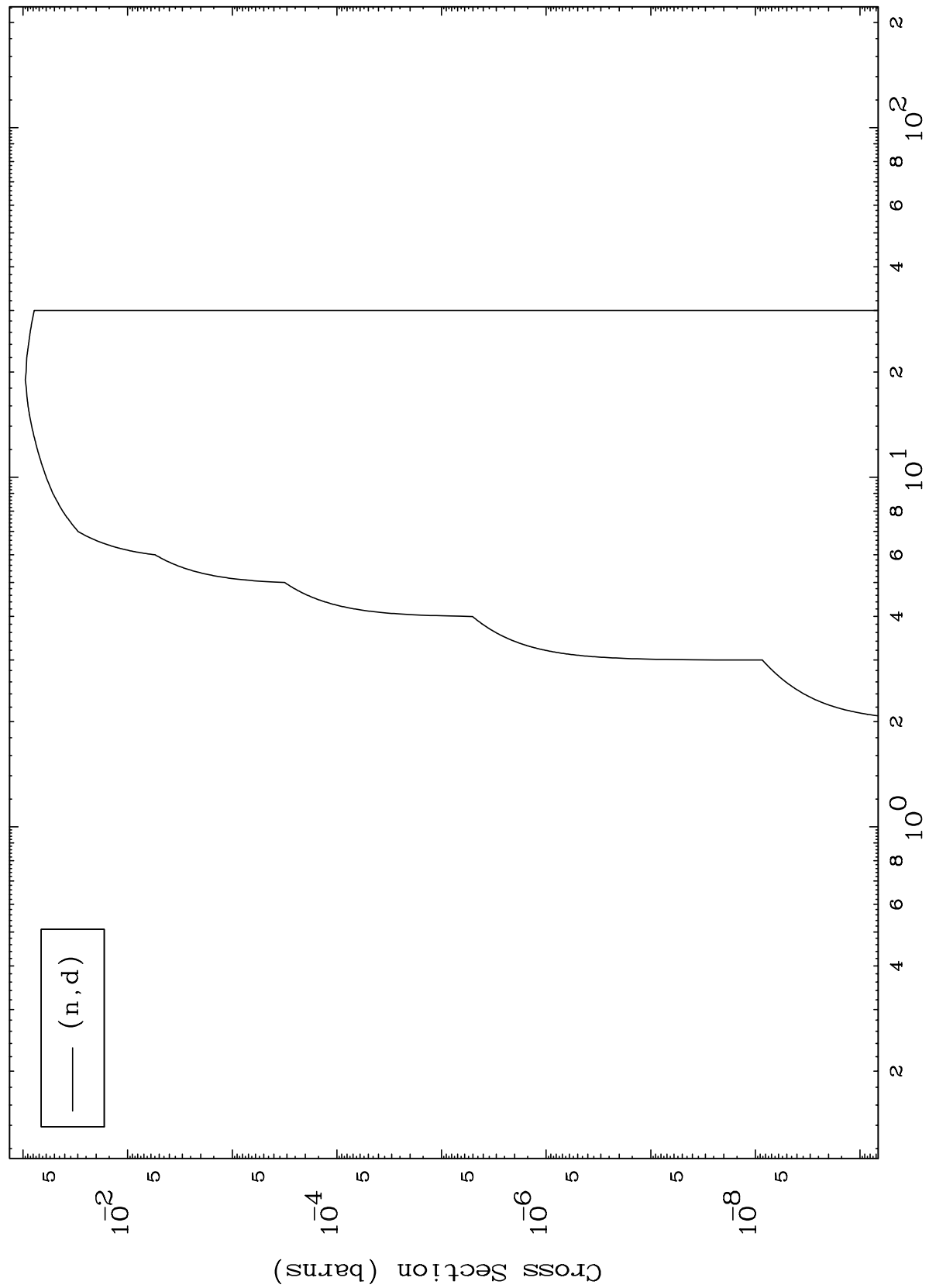
0 Kelvin Cross Sections



MAT 5522

55-Cs-132

(t,d) Levels
0 Kelvin Cross Sections

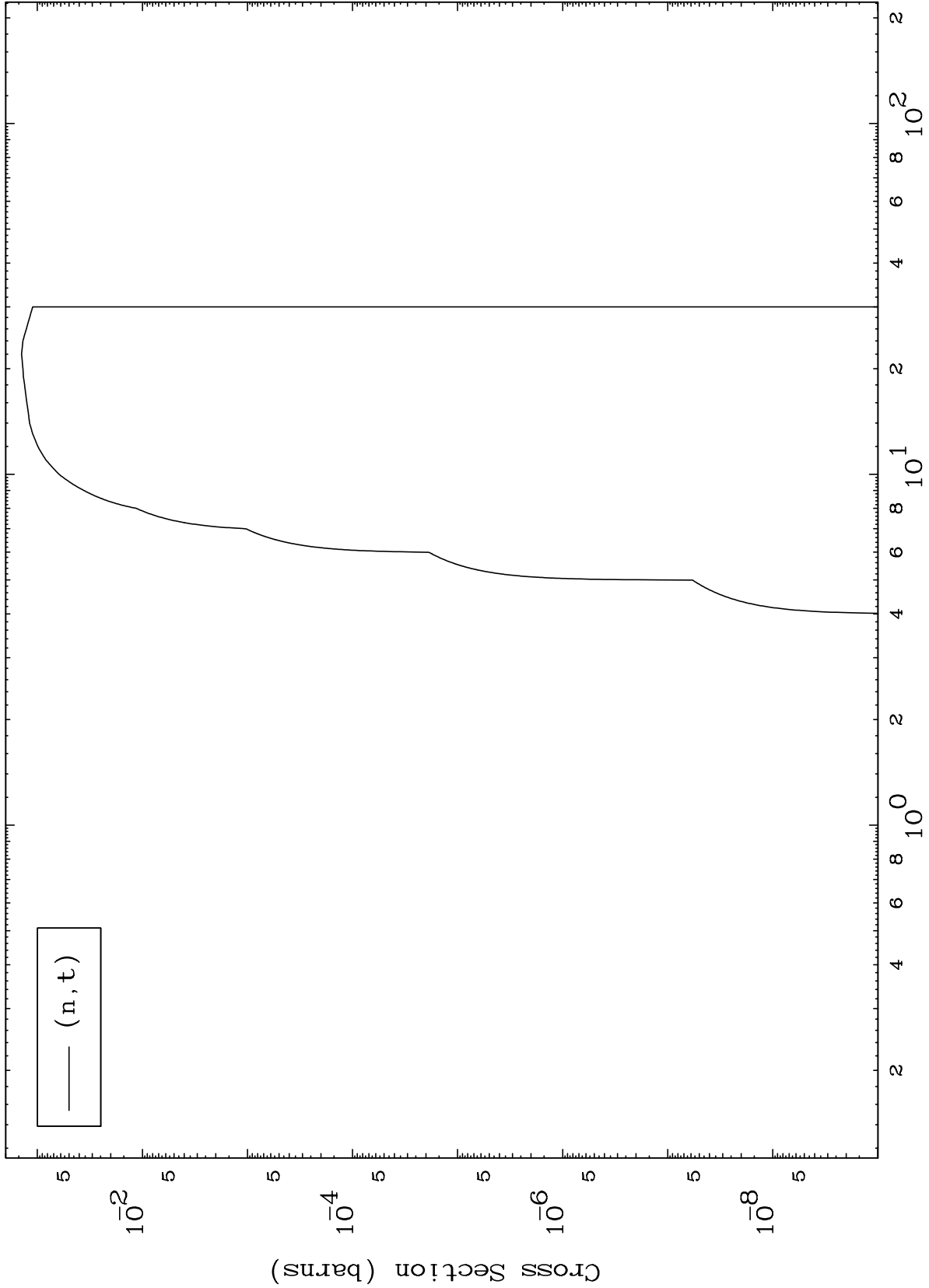


MAT 5522

(t, t) Levels

55-Cs-132

0 Kelvin Cross Sections



10

Incident Energy (MeV)

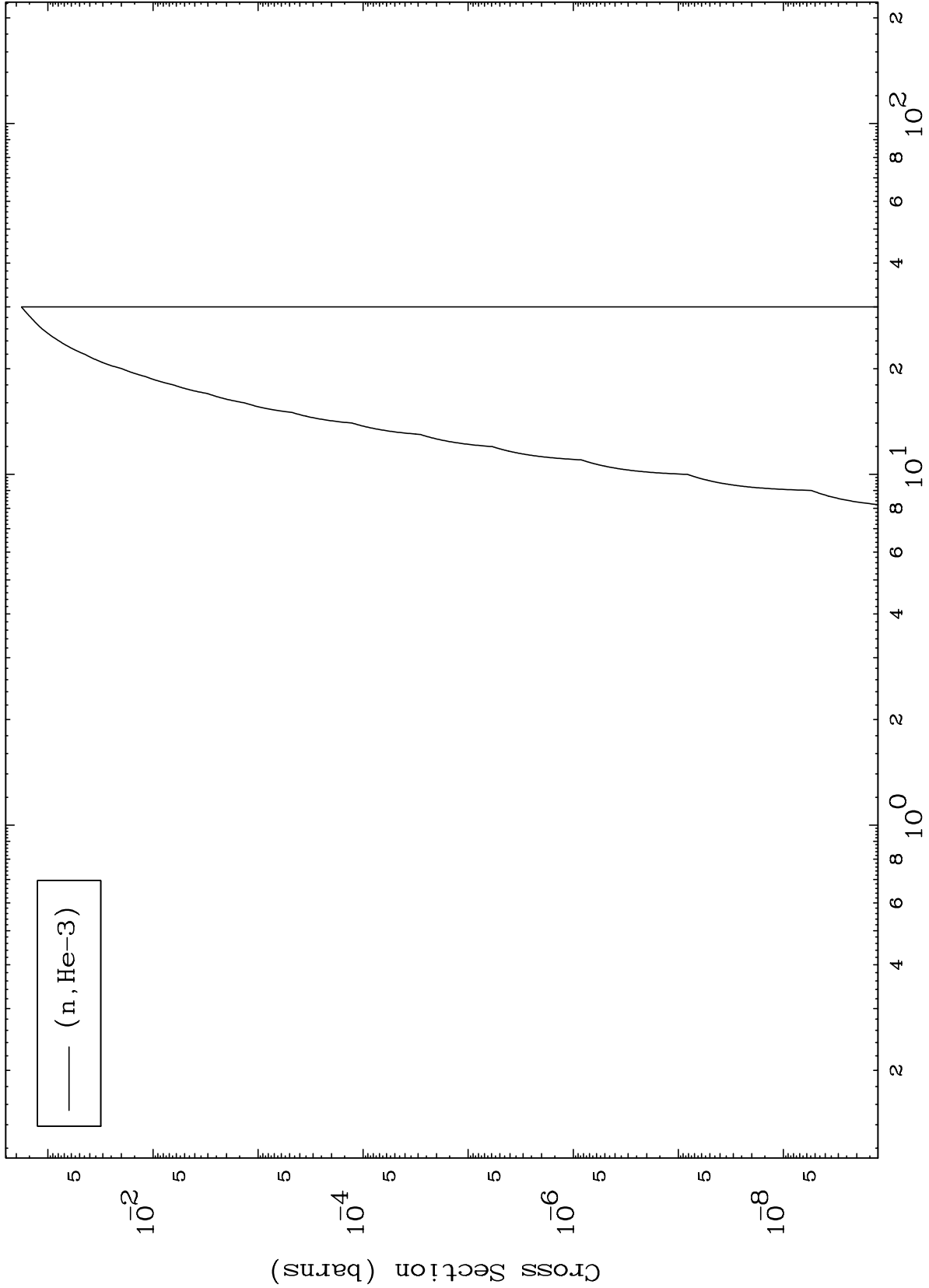
55-Cs-132

MAT 5522

(t,He3) Levels

55-Cs-132

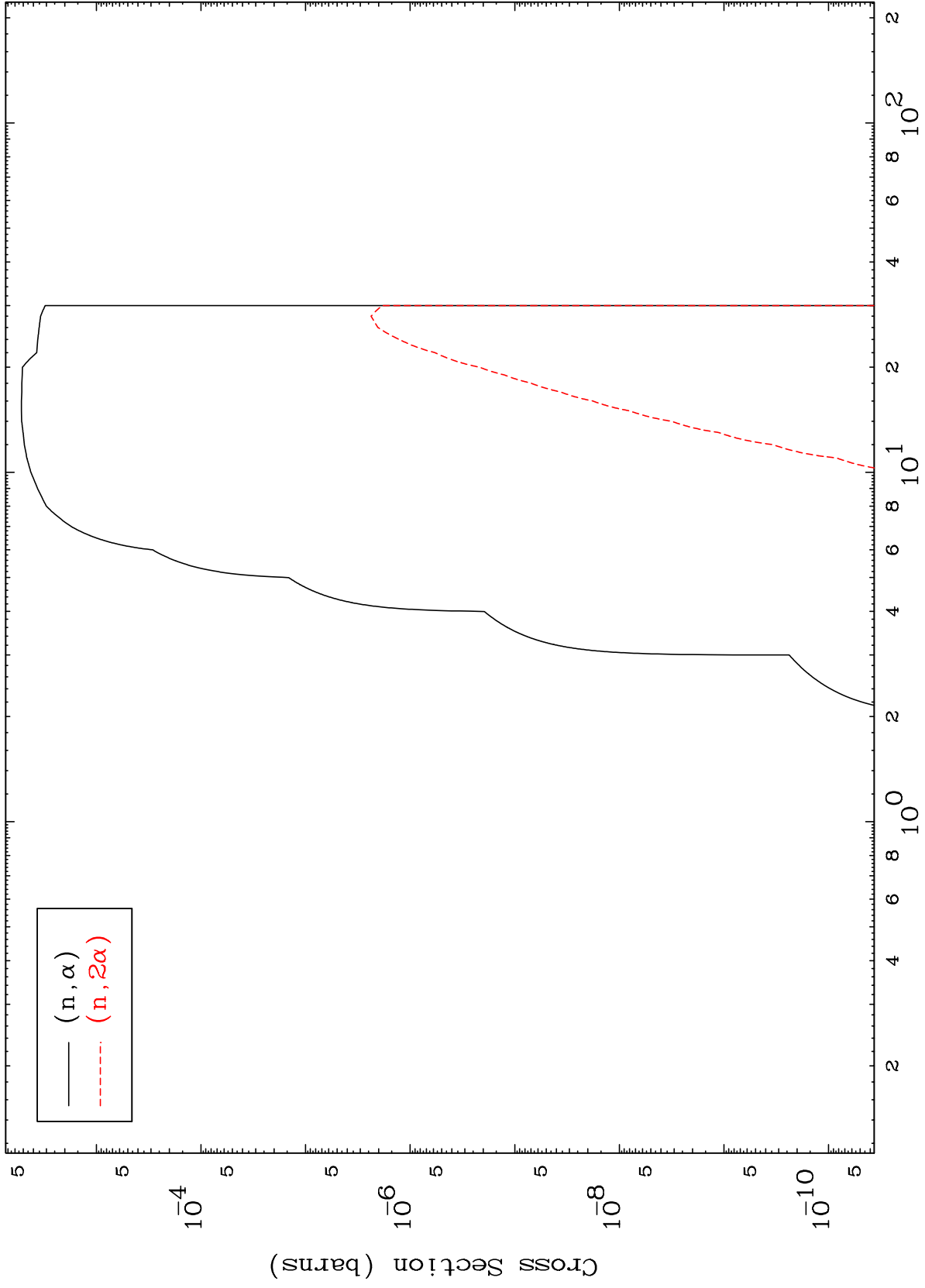
0 Kelvin Cross Sections



MAT 5522

(t, α) Levels
0 Kelvin Cross Sections

55-Cs-132



12

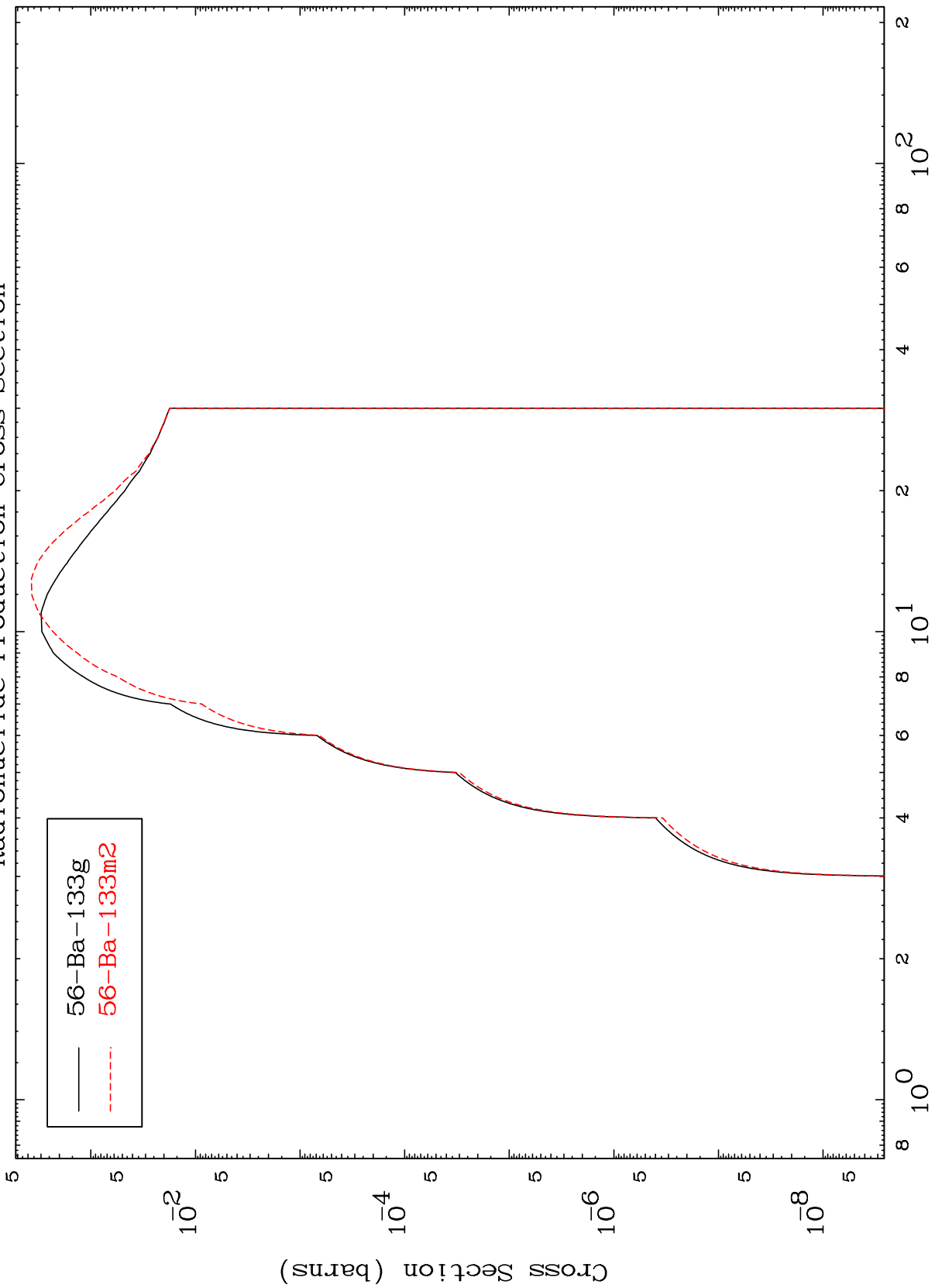
Incident Energy (MeV)

55-Cs-132

MAT 5522

55-Cs-132

(n,2n)
Radionuclide Production Cross Section



56-Ba-133g
56-Ba-133m2

55-Cs-132

Incident Energy (MeV)

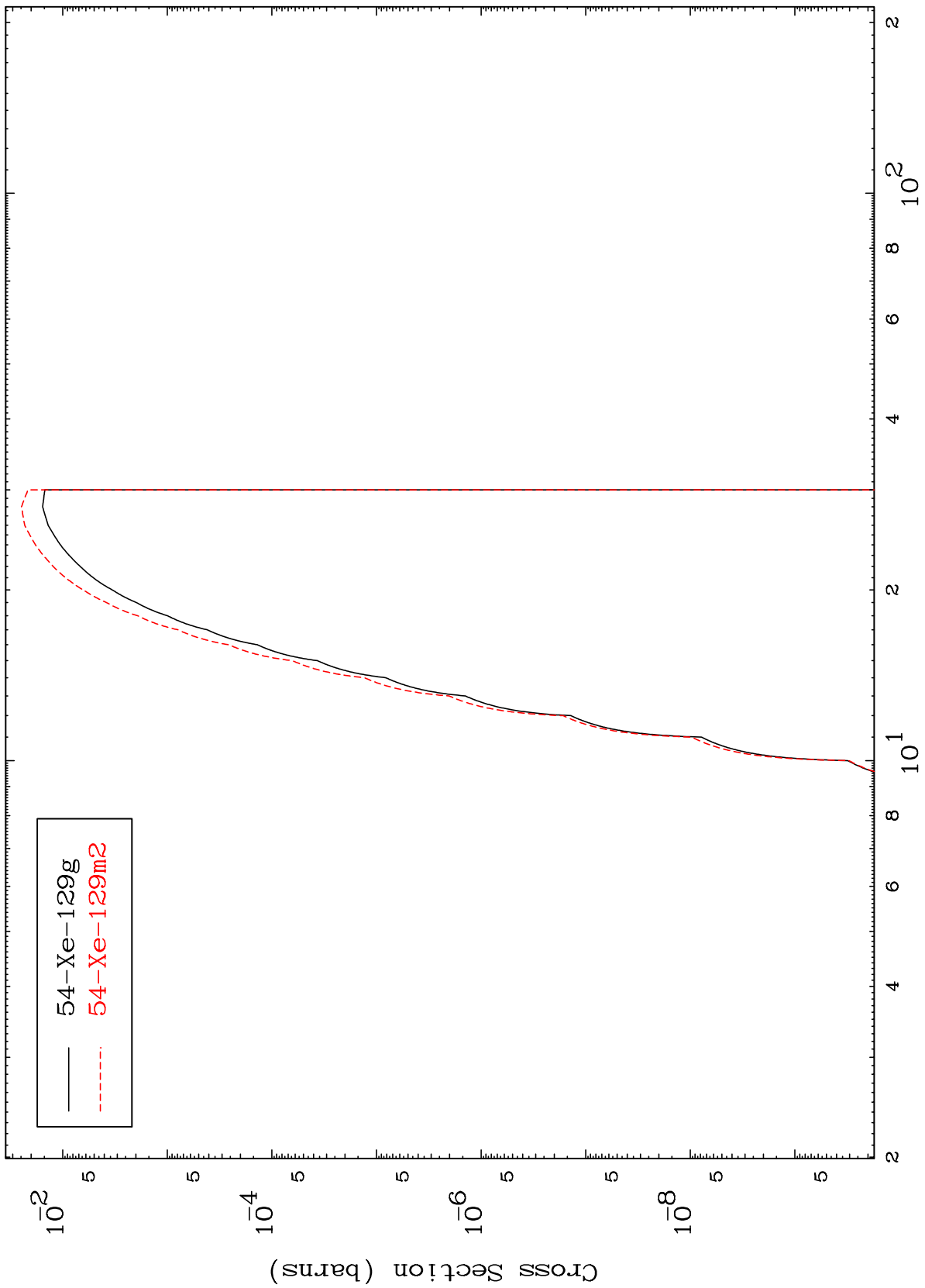
13

MAT 5522

55-Cs-132

(n,2n) α

Radionuclide Production Cross Section



14

Incident Energy (MeV)

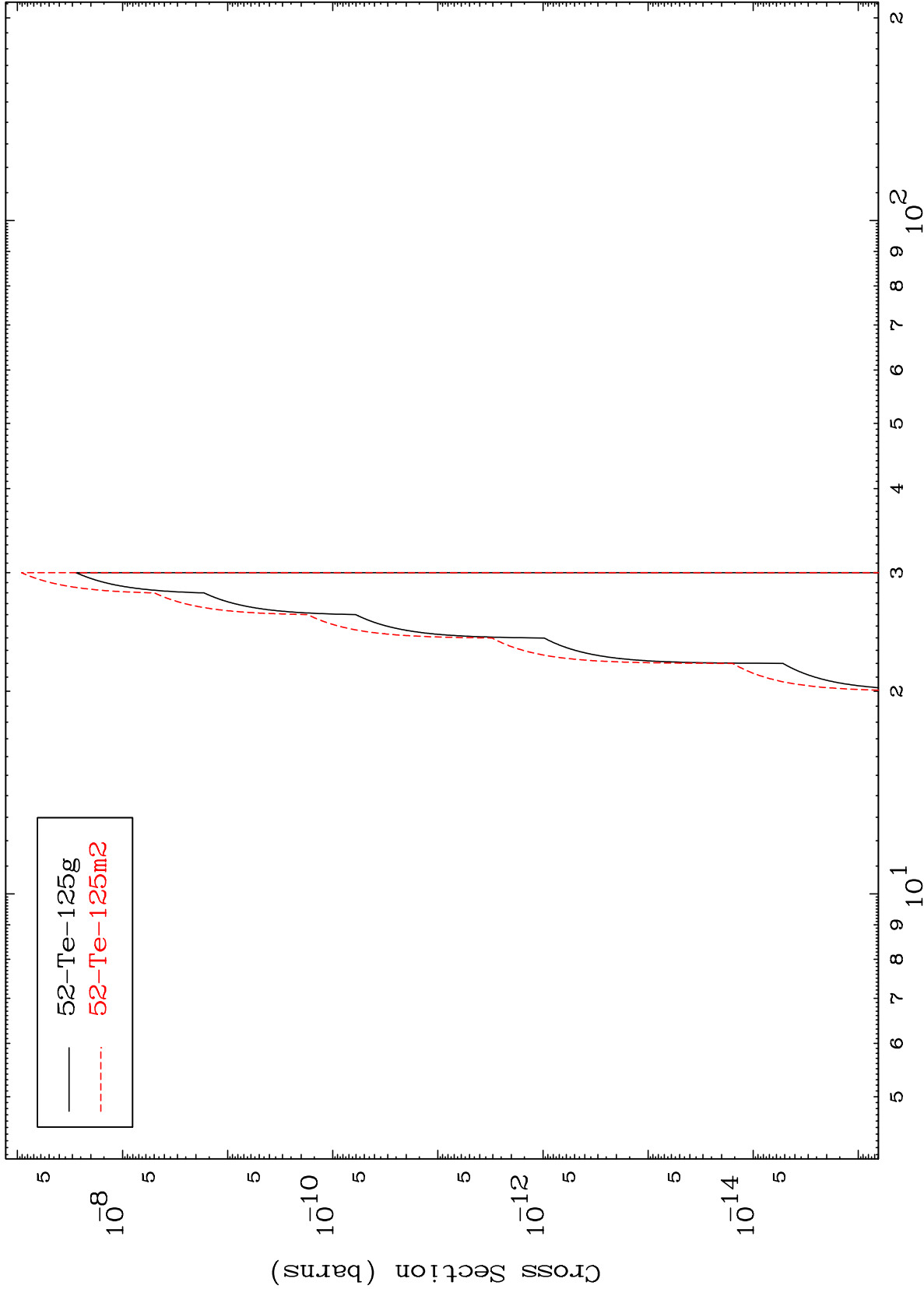
55-Cs-132

MAT 5522

$(n,2n) 2\alpha$

55-Cs-132

Radionuclide Production Cross Section



— 52-Te-125g
- - - 52-Te-125m2

15

Incident Energy (MeV)

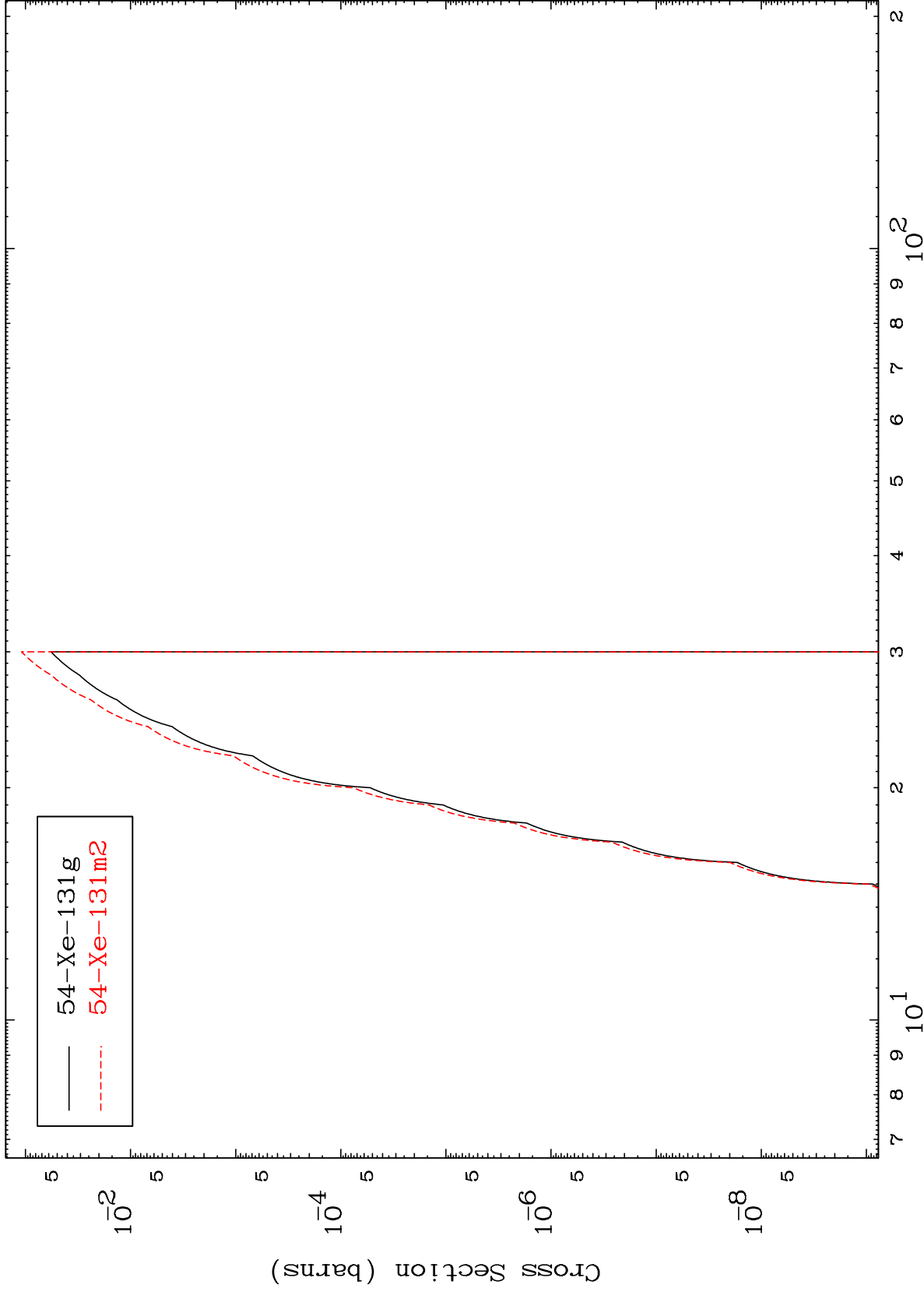
55-Cs-132

MAT 5522

(n,n') He-3

55-Cs-132

Radionuclide Production Cross Section



16

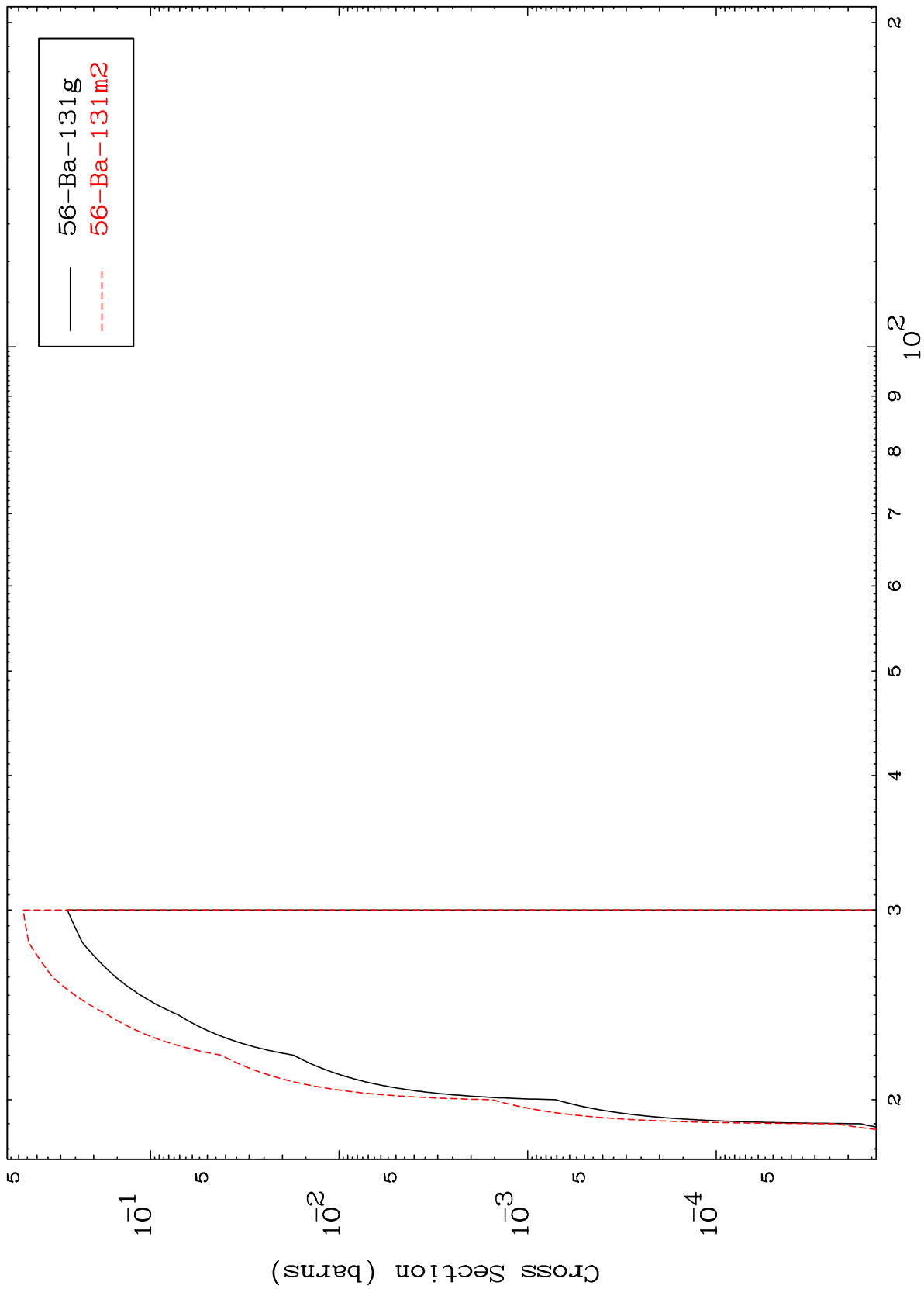
Incident Energy (MeV)

55-Cs-132

MAT 5522

55-Cs-132

(n,4n)
Radionuclide Production Cross Section



17

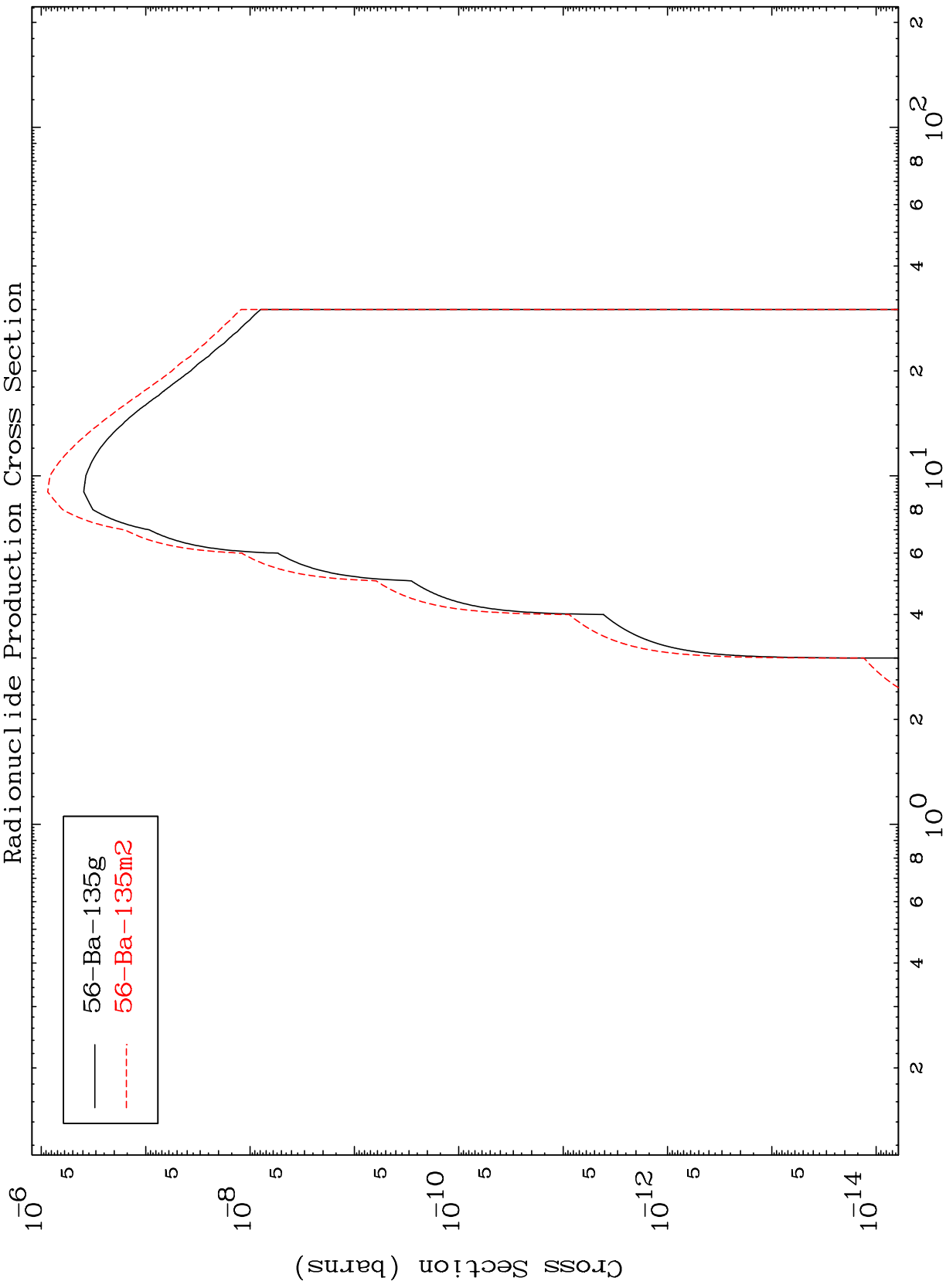
Incident Energy (MeV)

55-Cs-132

MAT 5522

55-Cs-132

(n, γ)
Radionuclide Production Cross Section



18

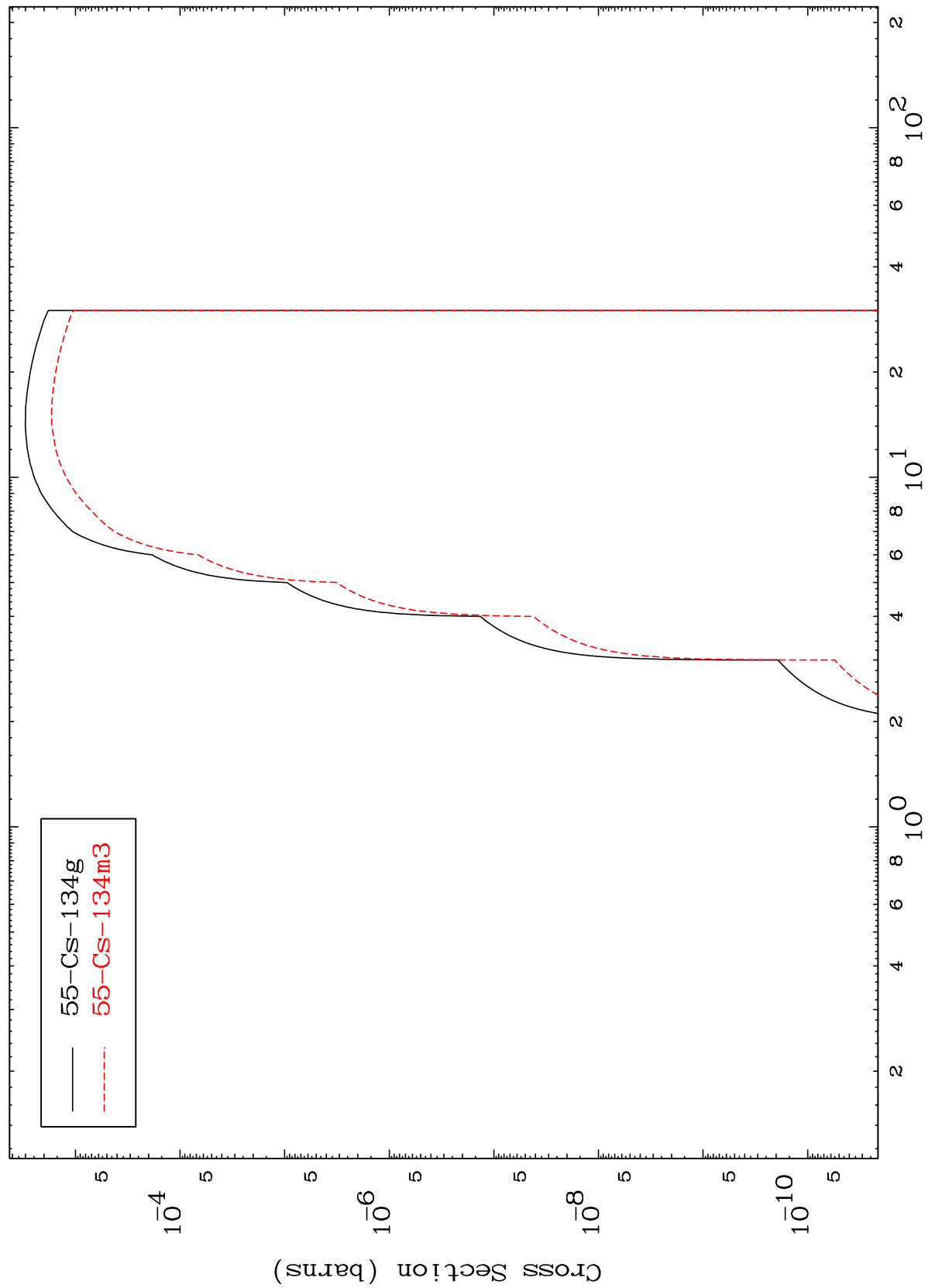
Incident Energy (MeV)

55-Cs-132

MAT 5522

55-Cs-132

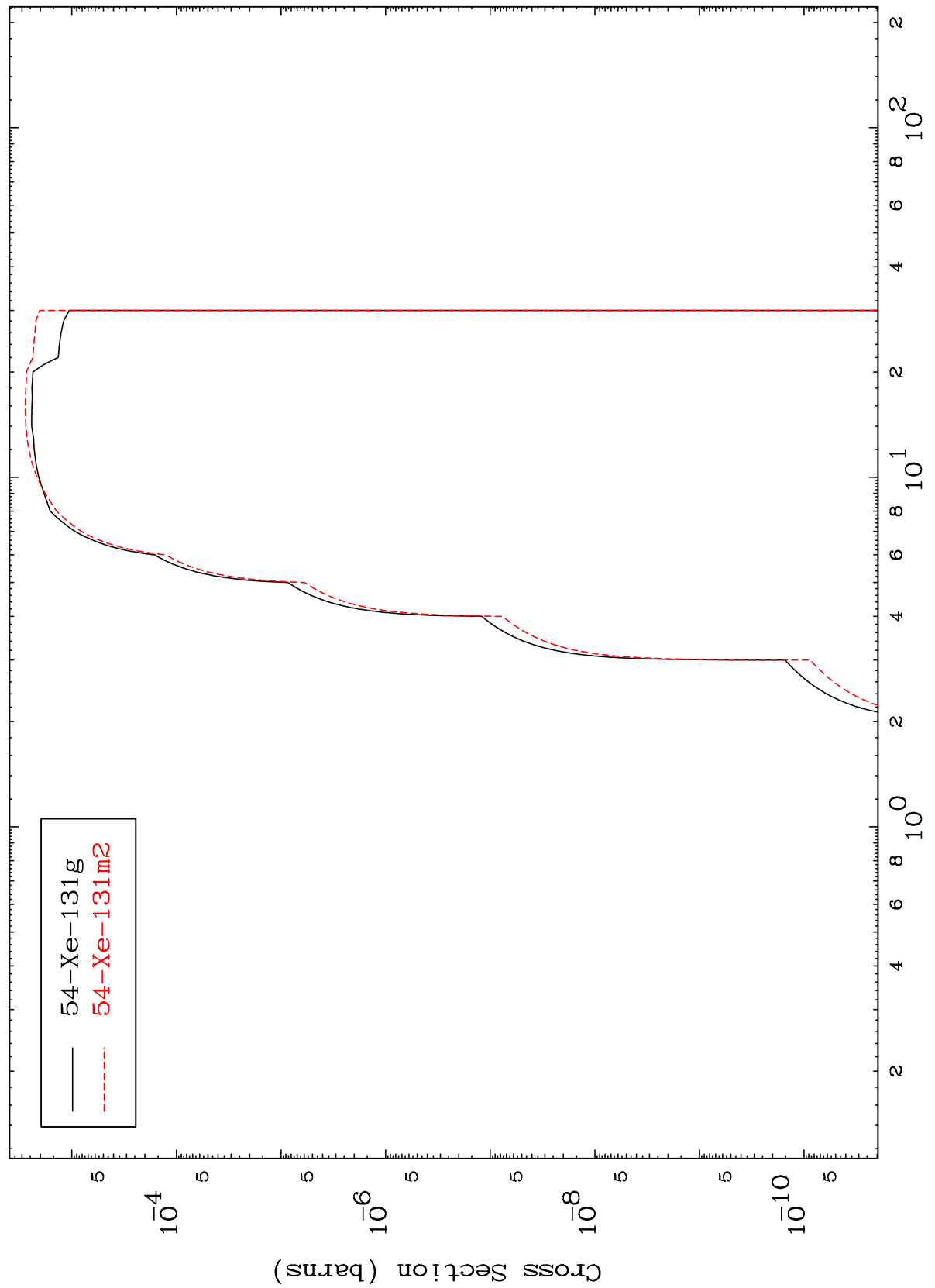
(n,p)
Radionuclide Production Cross Section



MAT 5522

55-Cs-132

(n, α)
Radionuclide Production Cross Section



20

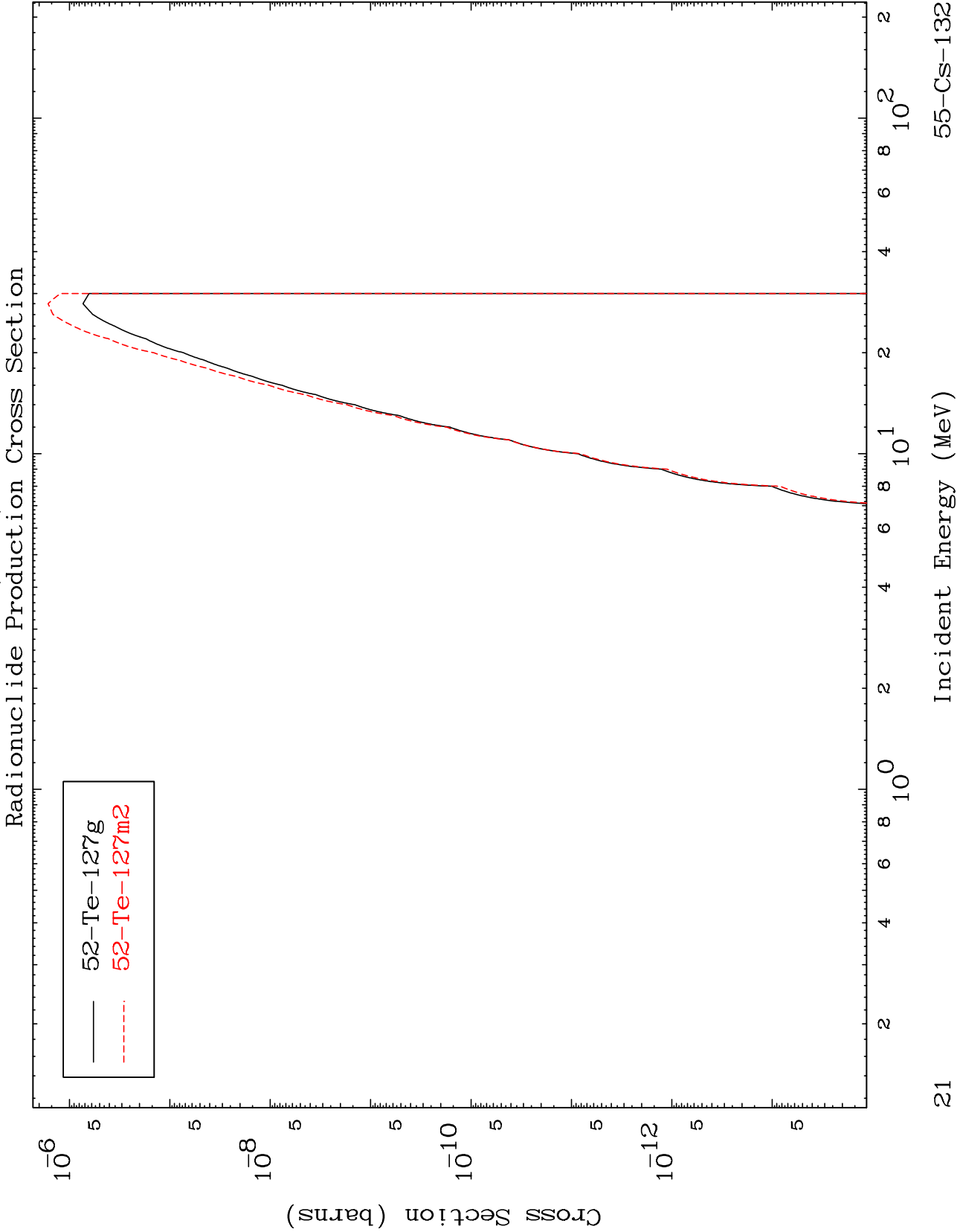
Incident Energy (MeV)

55-Cs-132

MAT 5522

(n,2α)

55-Cs-132



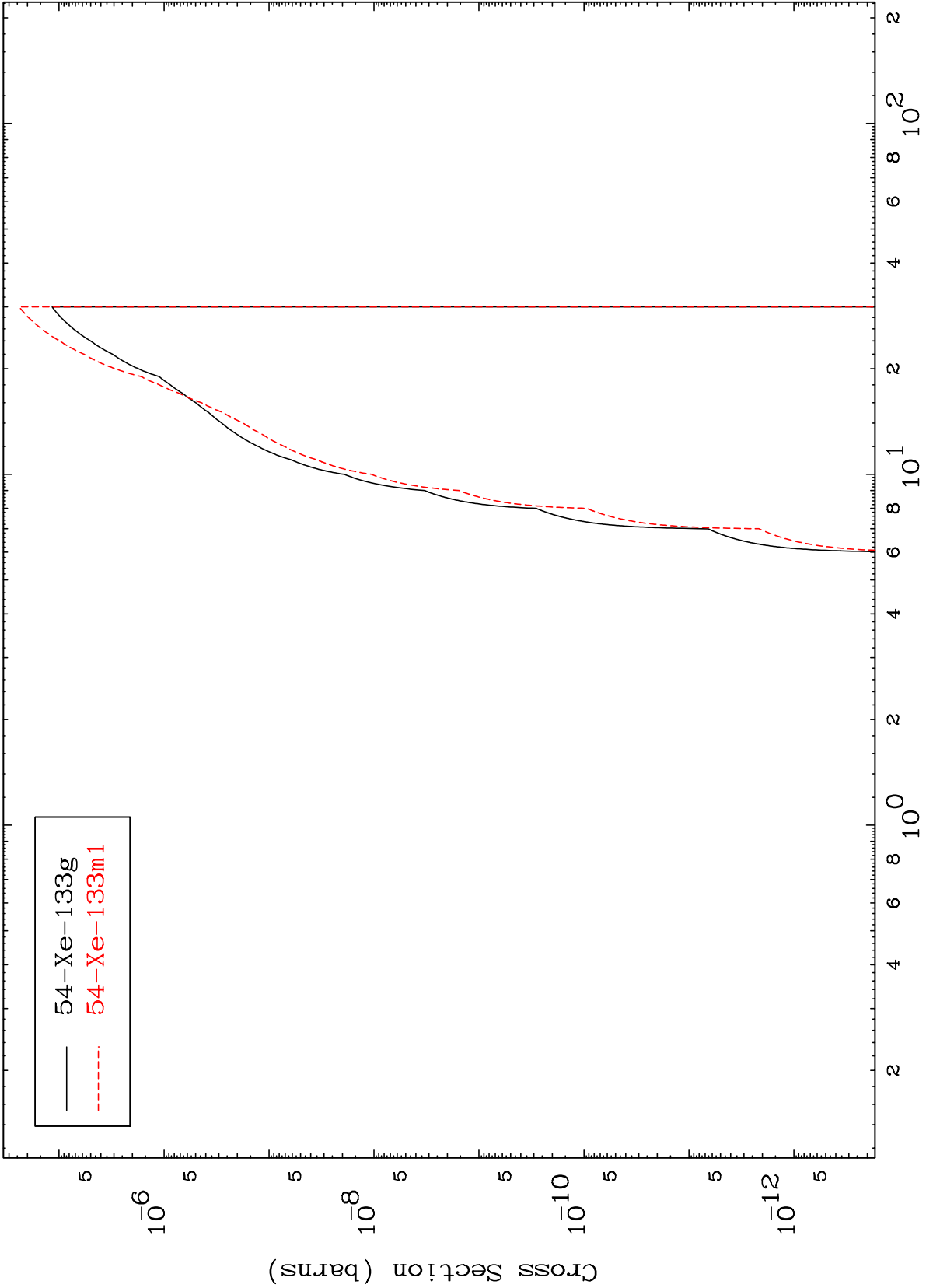
52-Te-127g
52-Te-127m2

MAT 5522

(n,2p)

55-Cs-132

Radionuclide Production Cross Section



54-Xe-133g
54-Xe-133m1

22

Incident Energy (MeV)

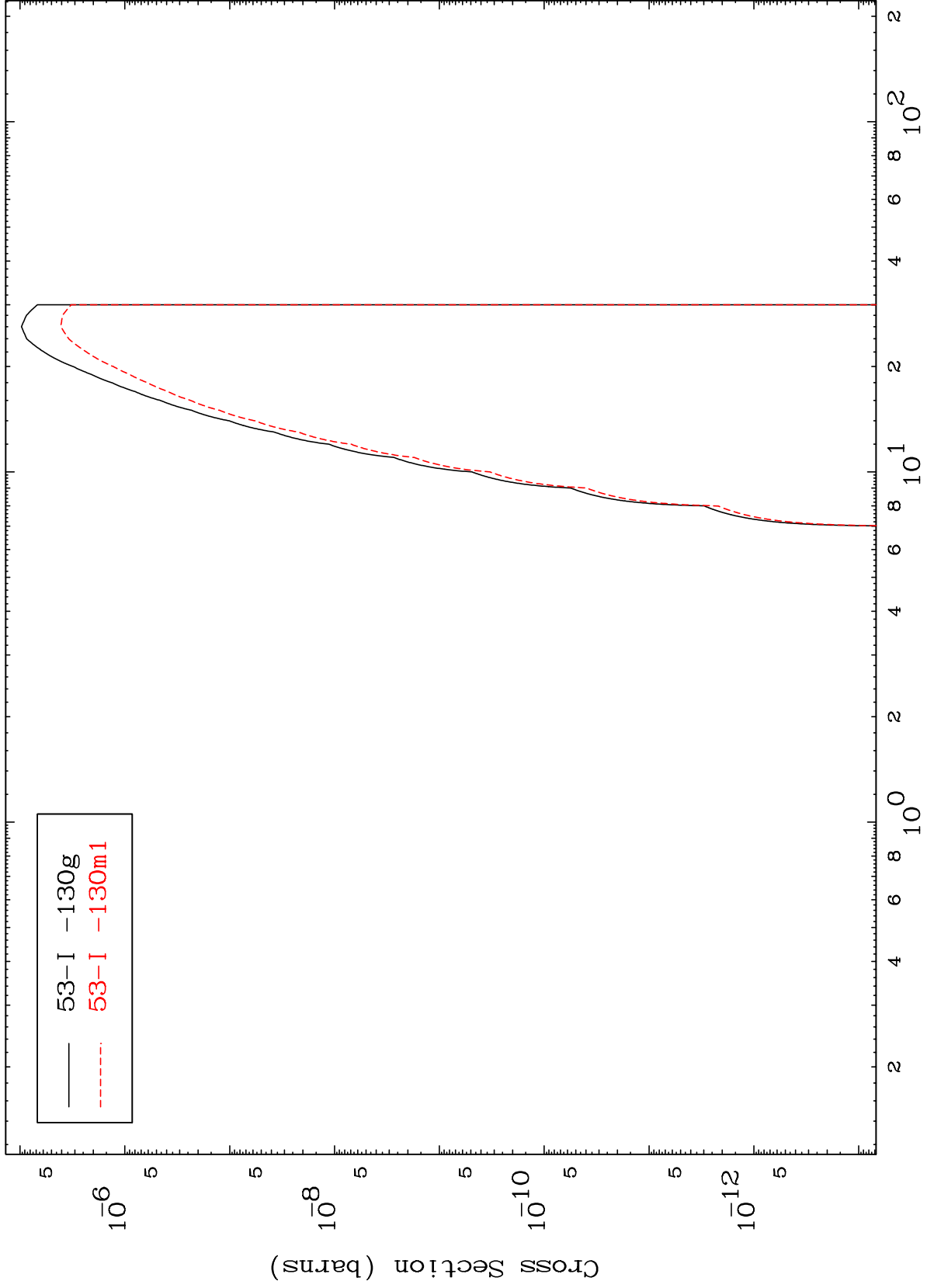
55-Cs-132

MAT 5522

(n,p) α

55-Cs-132

Radionuclide Production Cross Section



23

Incident Energy (MeV)

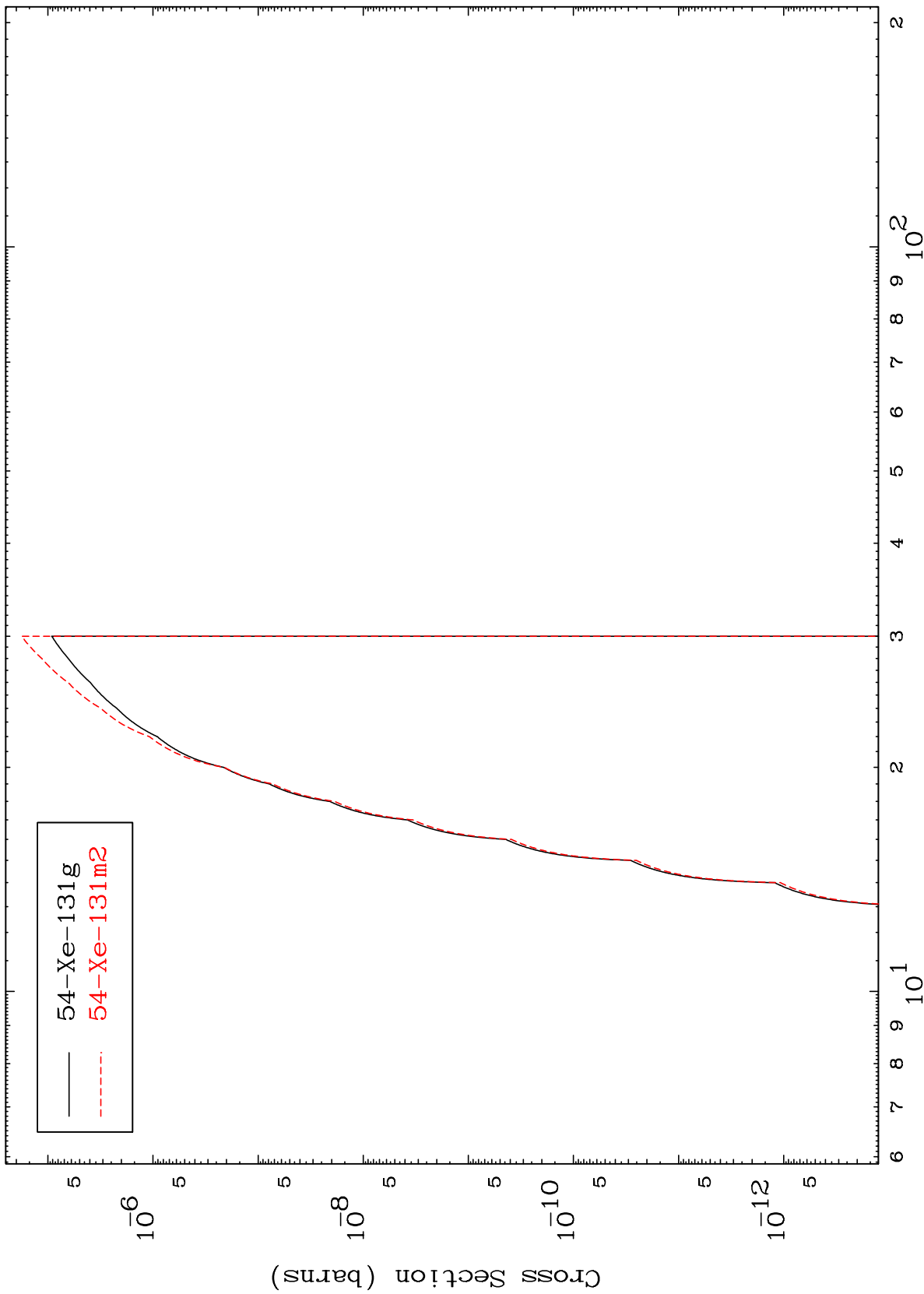
55-Cs-132

MAT 5522

(n,p) t

55-Cs-132

Radionuclide Production Cross Section



24

Incident Energy (MeV)

55-Cs-132