

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

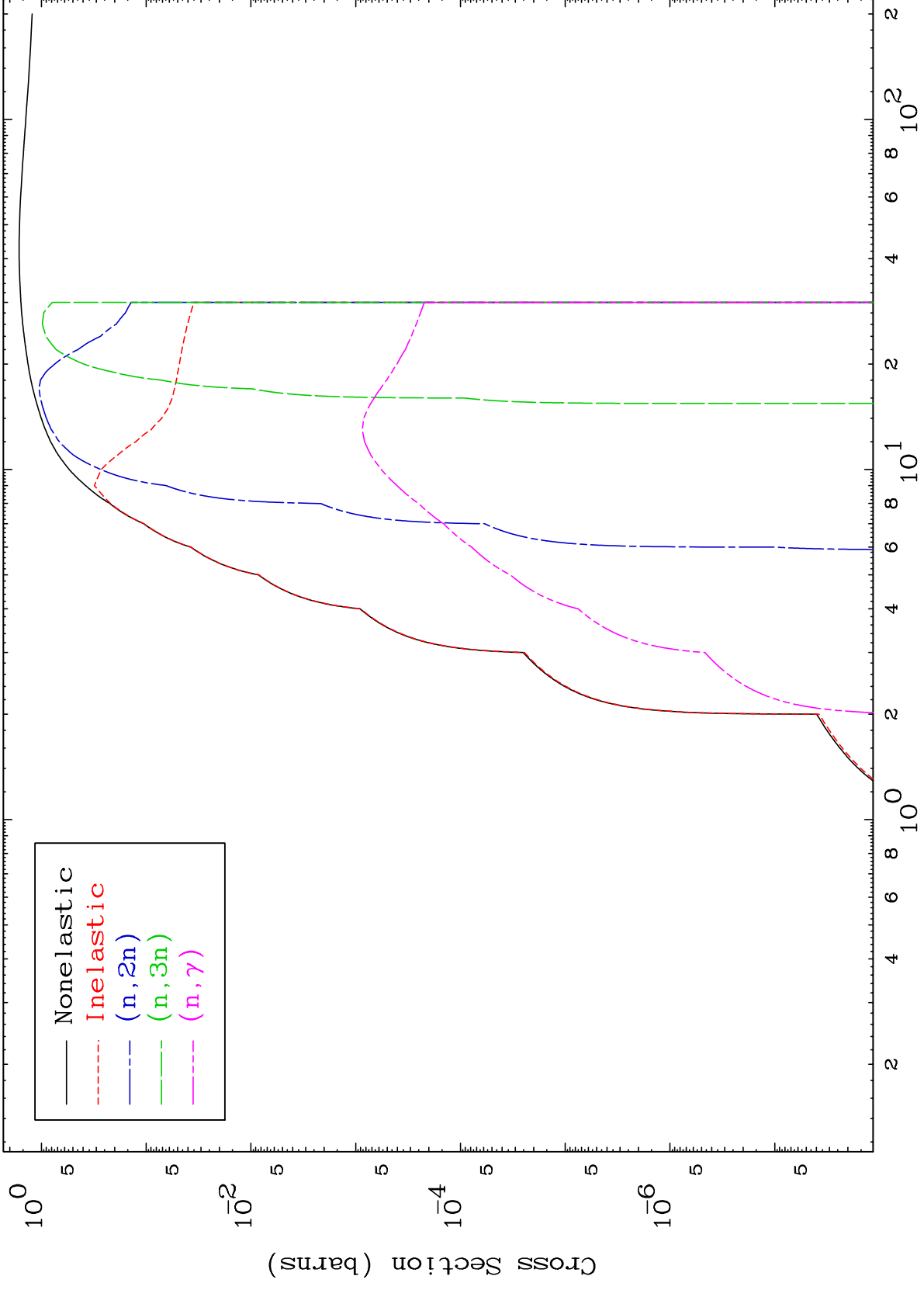
Press Mouse Button to Start

MAT 5532

Proton Major

55-Cs-135m

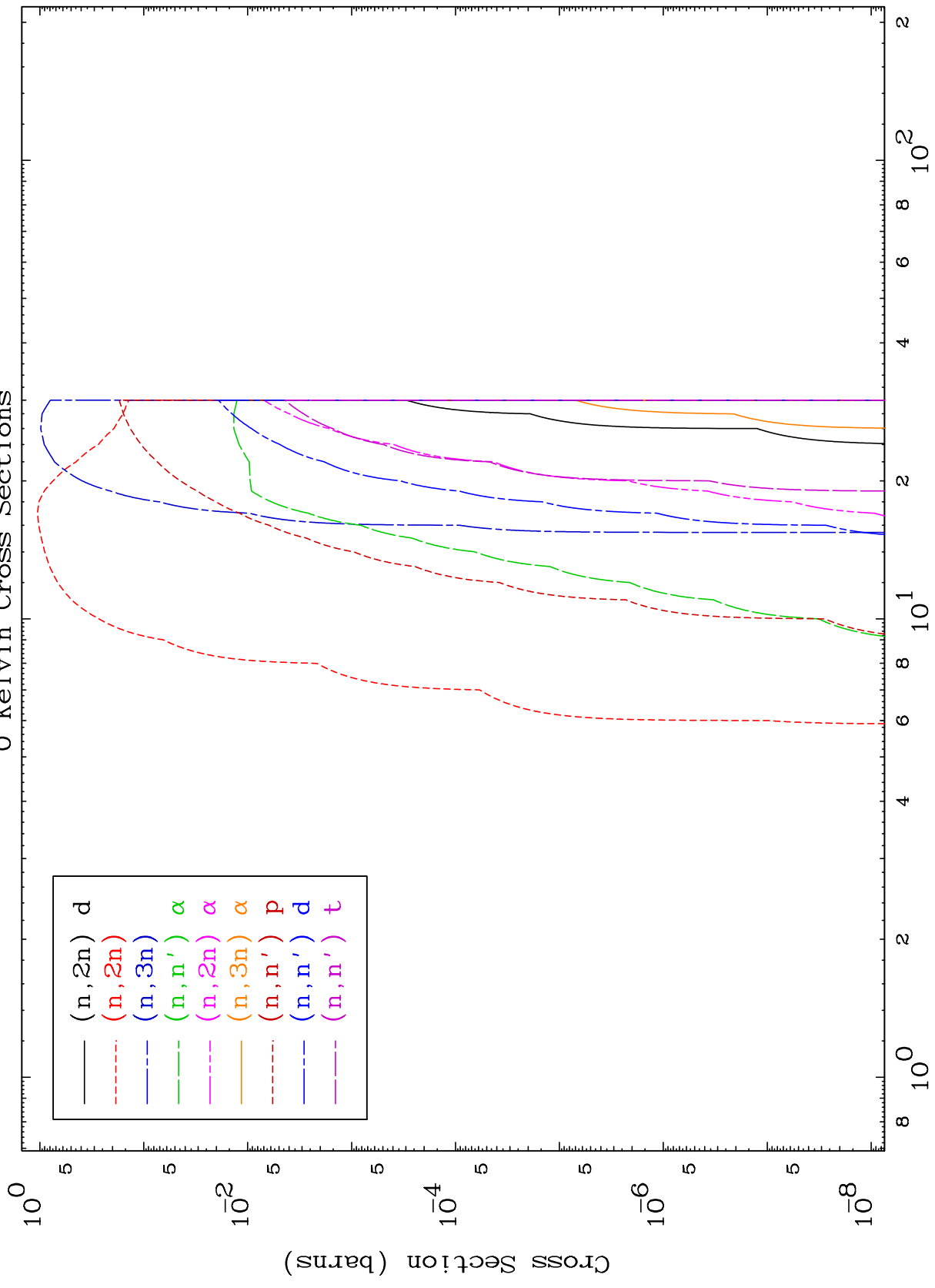
0 Kelvin Cross Sections



MAT 5532

Proton Neutron Absorption
0 Kelvin Cross Sections

55-Cs-135m



55-Cs-135m

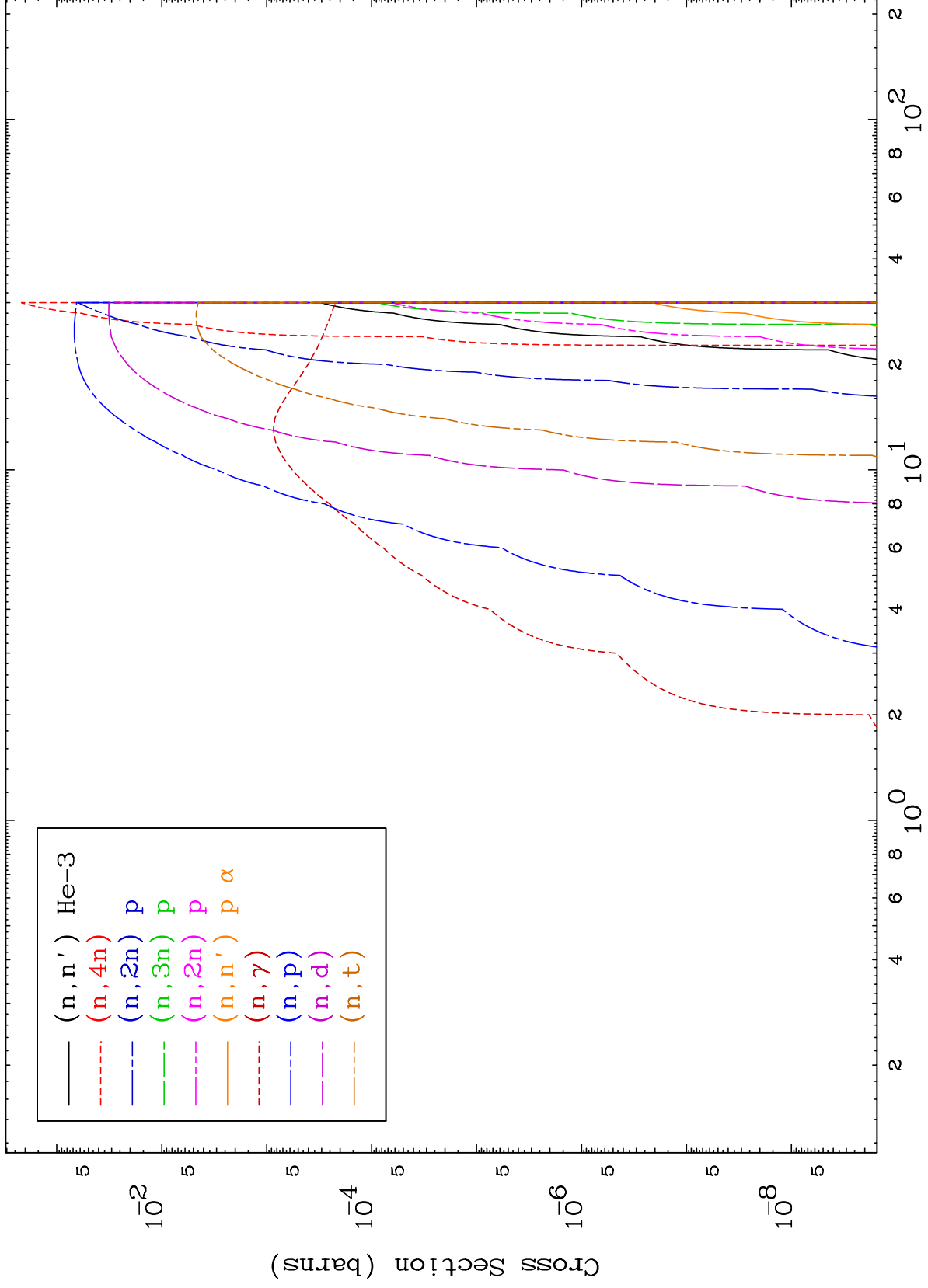
Incident Energy (MeV)

2

MAT 5532

Proton Neutron Absorption
0 Kelvin Cross Sections

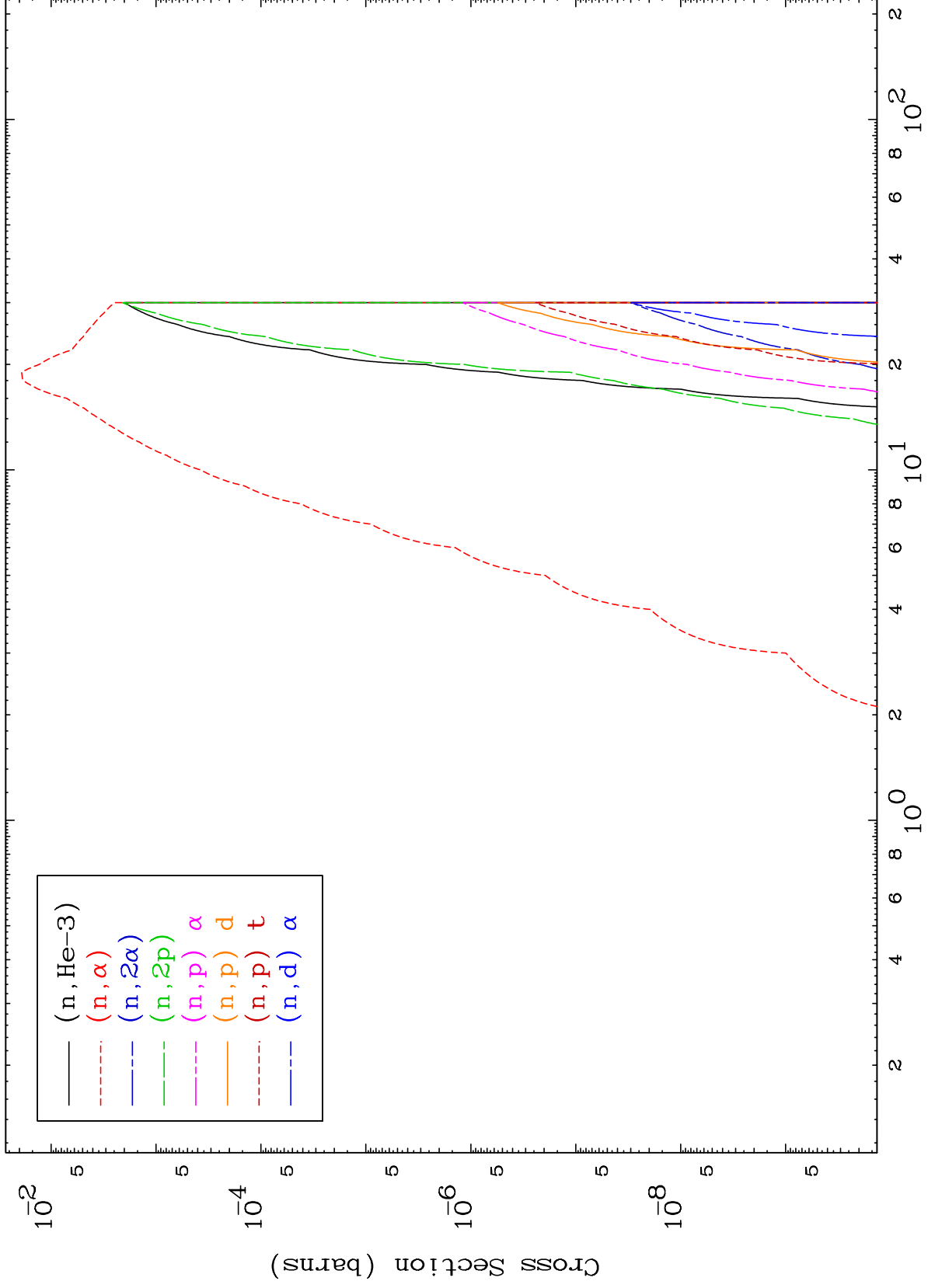
55-Cs-135m



MAT 5532

Proton Neutron Absorption
0 Kelvin Cross Sections

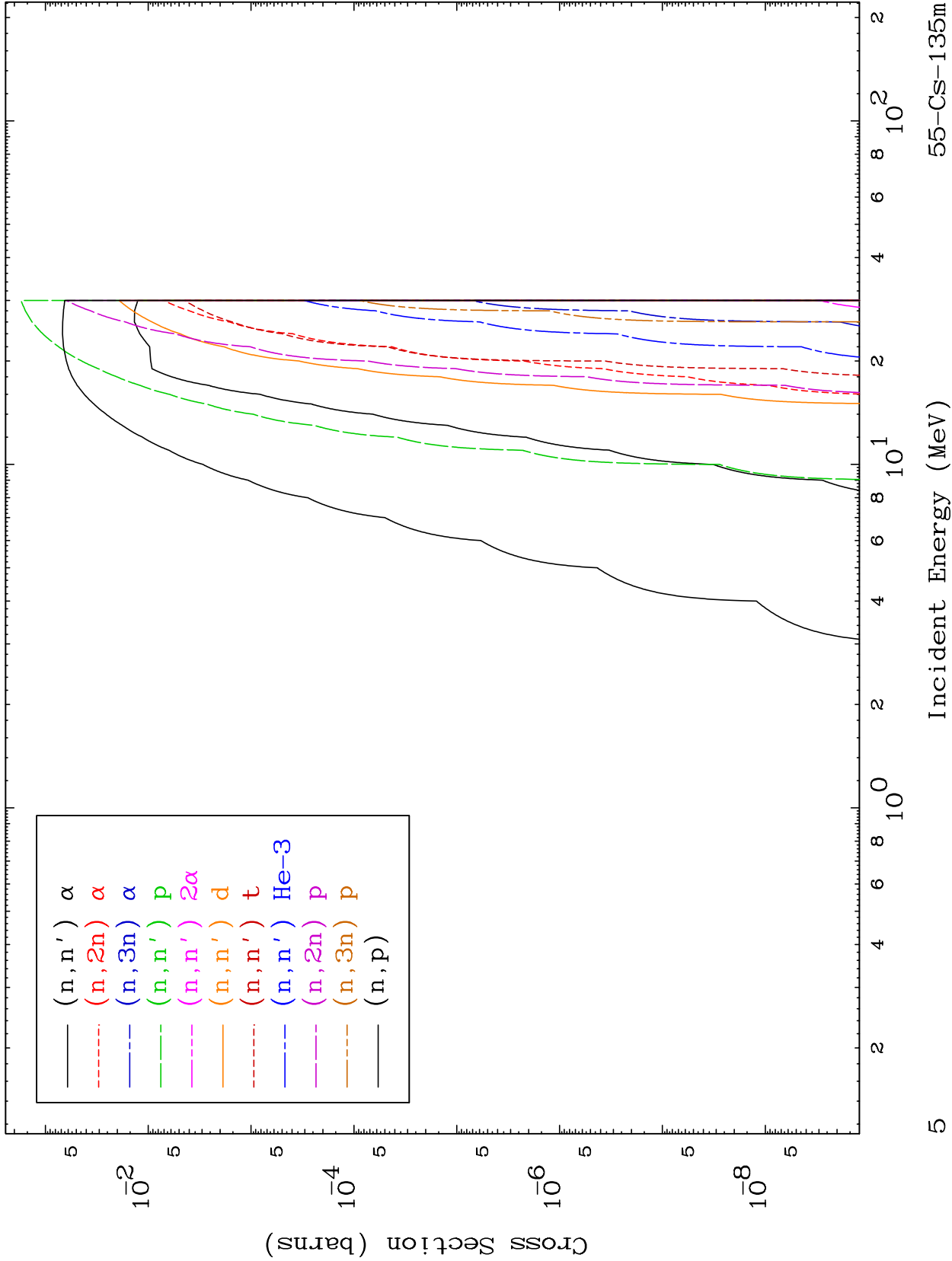
55-Cs-135m



MAT 5532

Proton Charged Particle
0 Kelvin Cross Sections

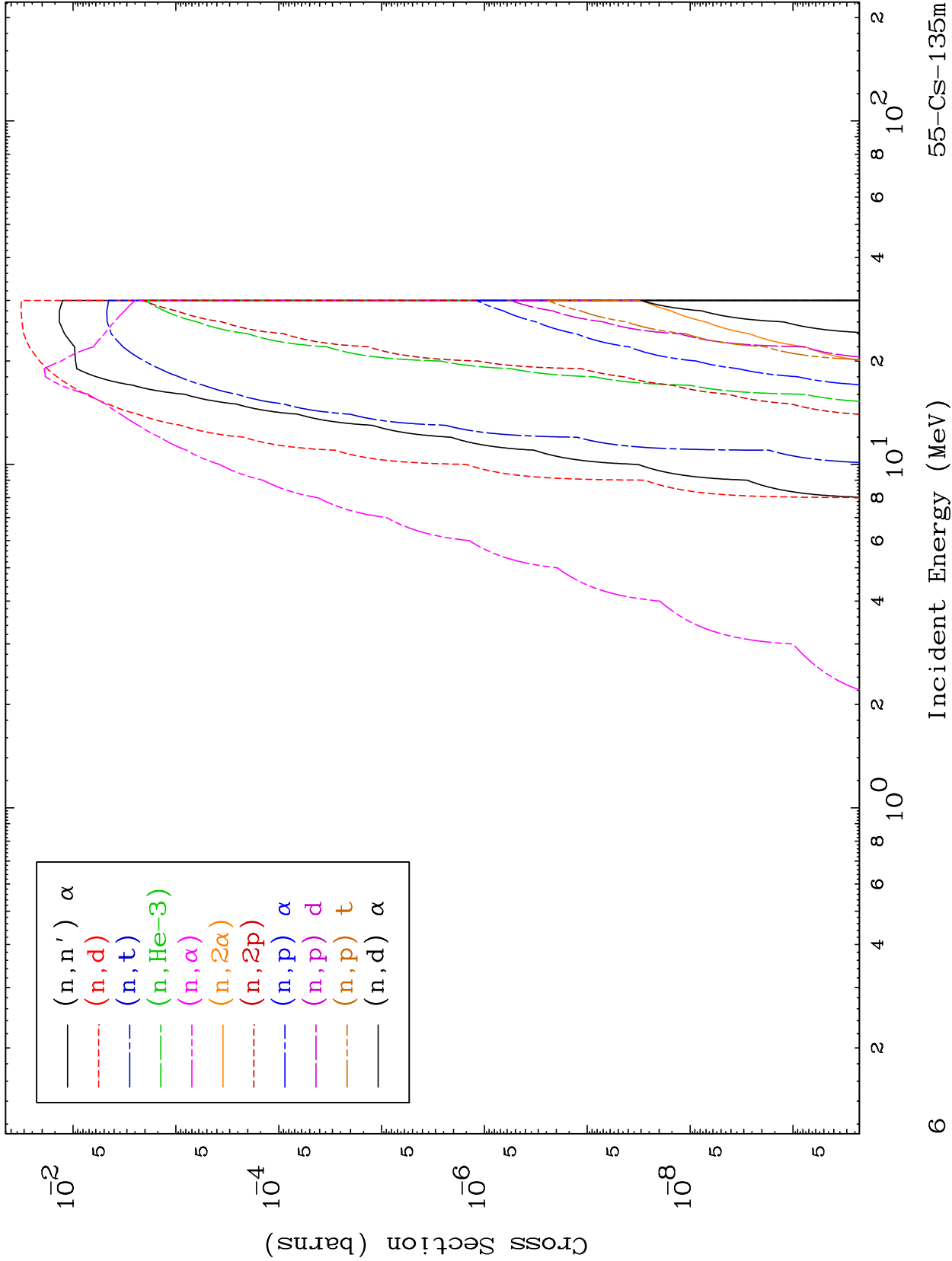
55-Cs-135m



MAT 5532

Proton Charged Particle
0 Kelvin Cross Sections

55-Cs-135m

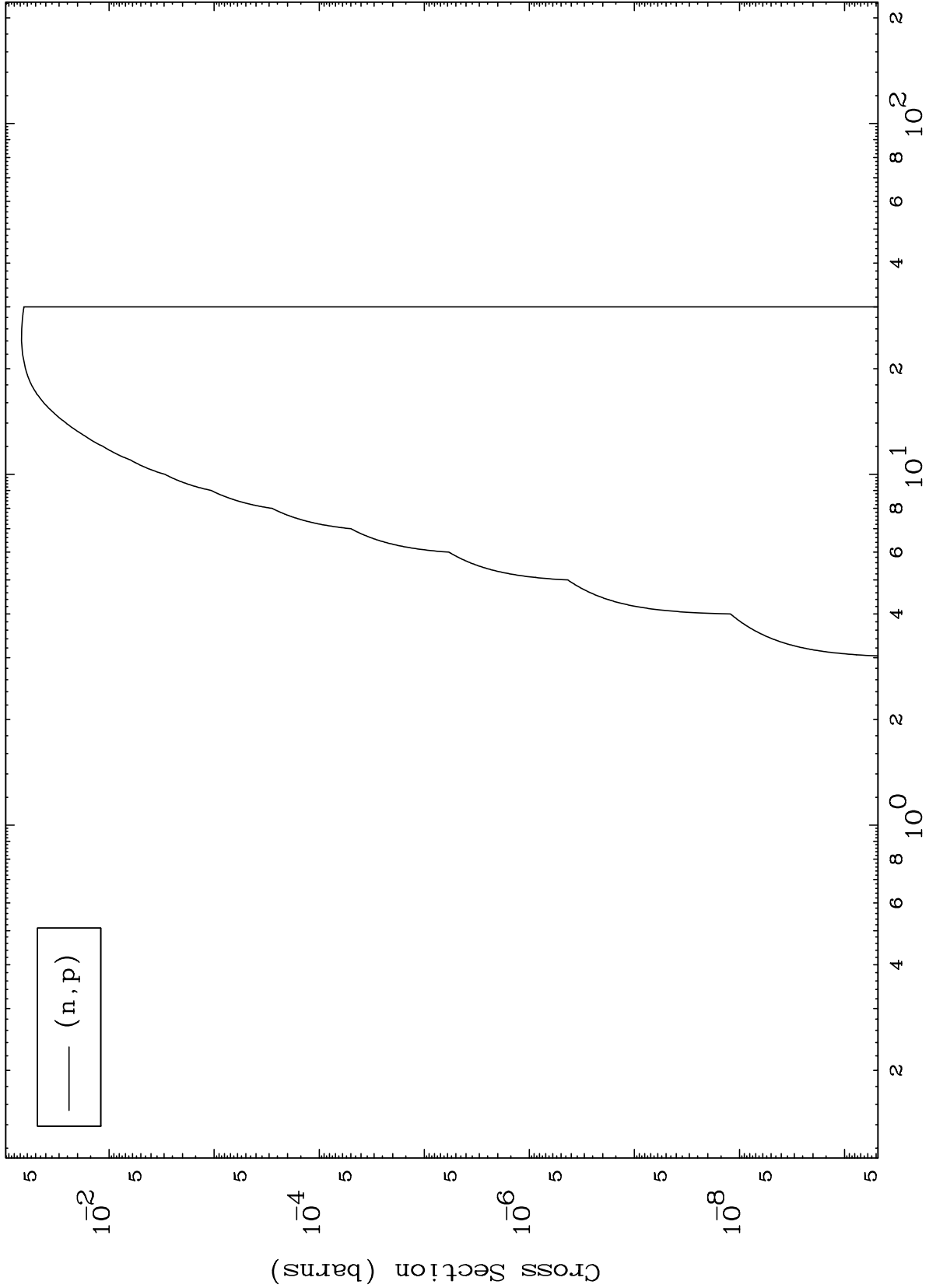


MAT 5532

(p,p) Levels

55-Cs-135m

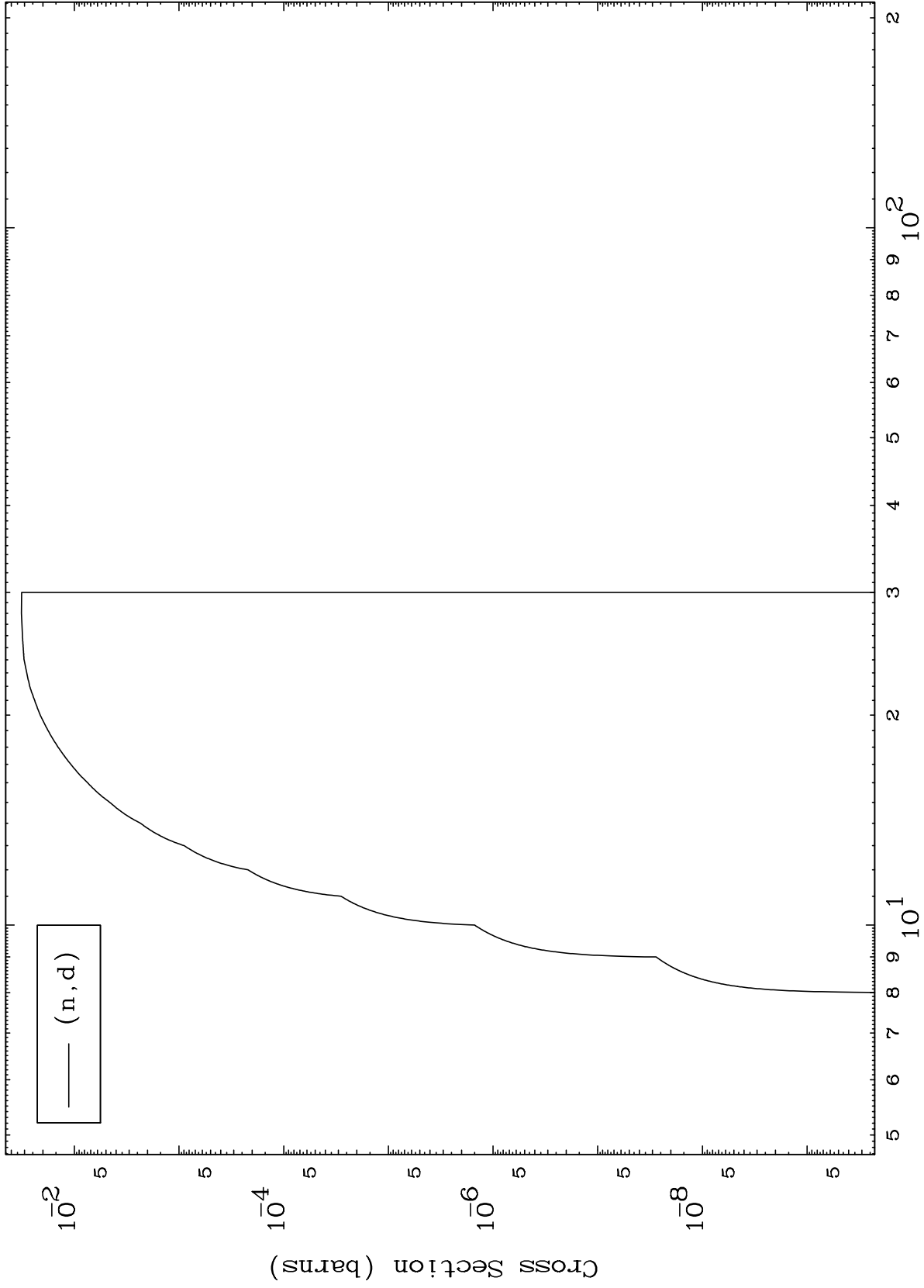
0 Kelvin Cross Sections



MAT 5532

(p,d) Levels
0 Kelvin Cross Sections

55-Cs-135m



8

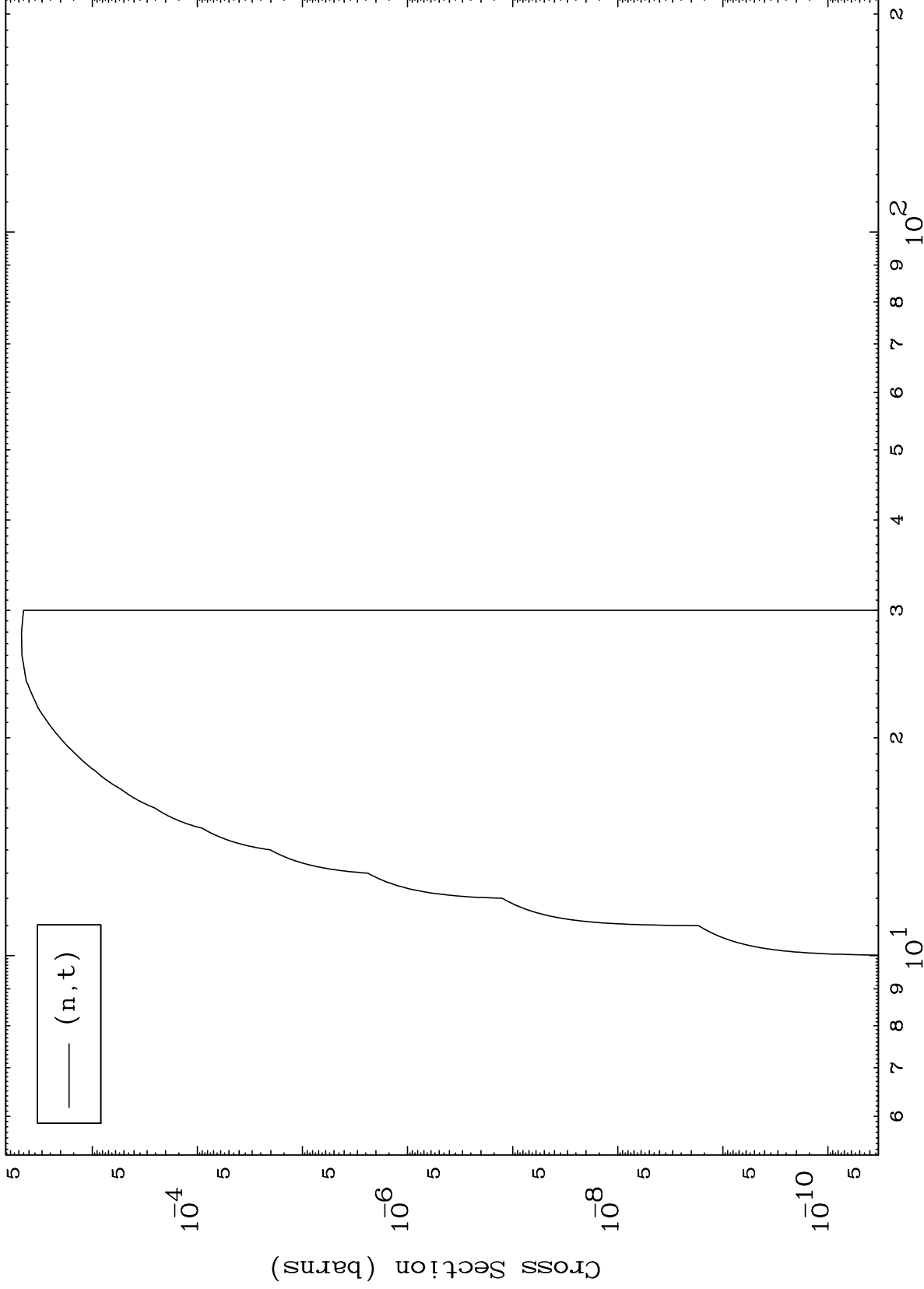
Incident Energy (MeV)

55-Cs-135m

MAT 5532

(p, t) Levels
0 Kelvin Cross Sections

55-Cs-135m



9

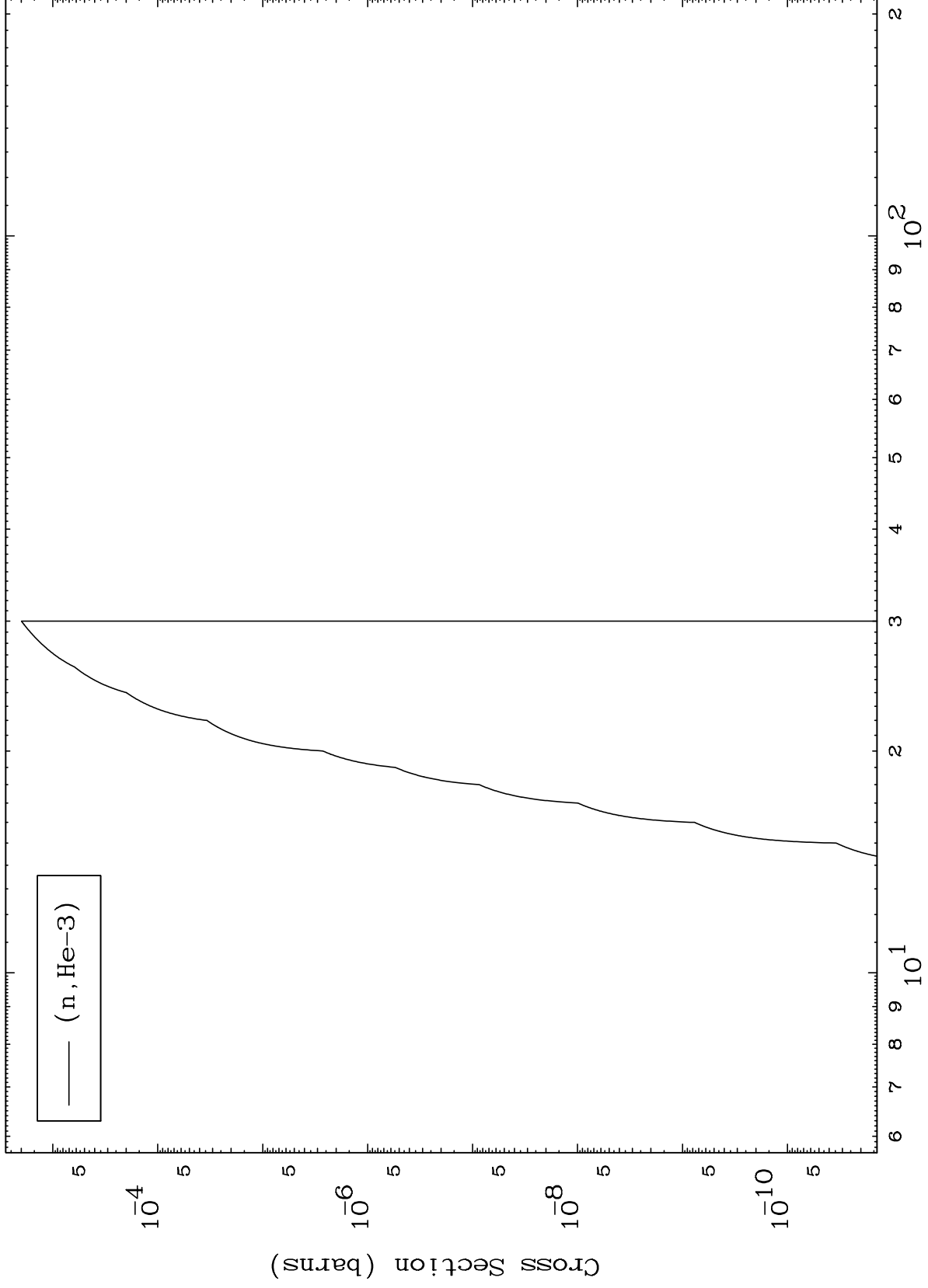
Incident Energy (MeV)

55-Cs-135m

MAT 5532

(p,He3) Levels
0 Kelvin Cross Sections

55-Cs-135m



10

Incident Energy (MeV)

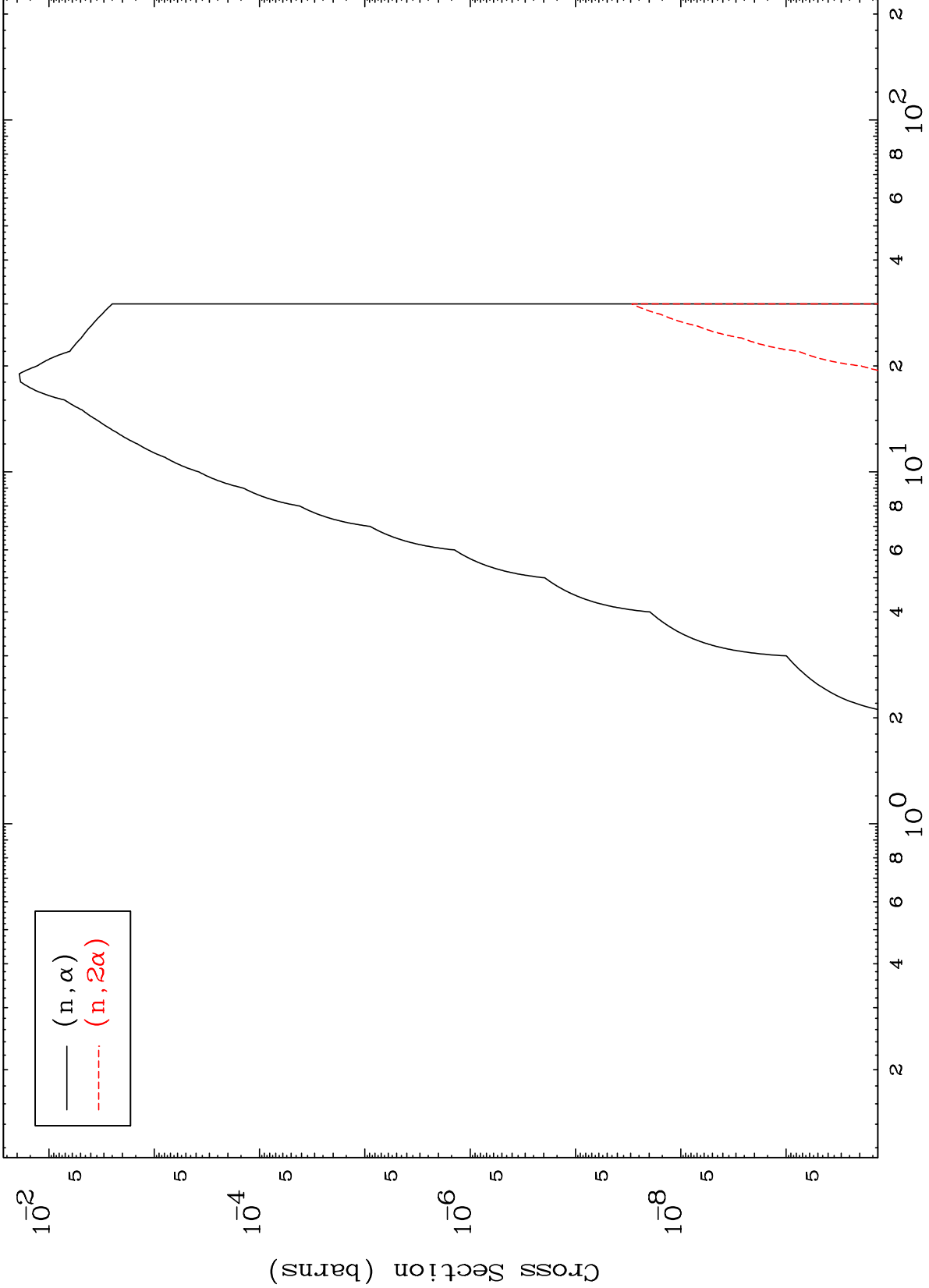
55-Cs-135m

MAT 5532

(p, α) Levels

55-Cs-135m

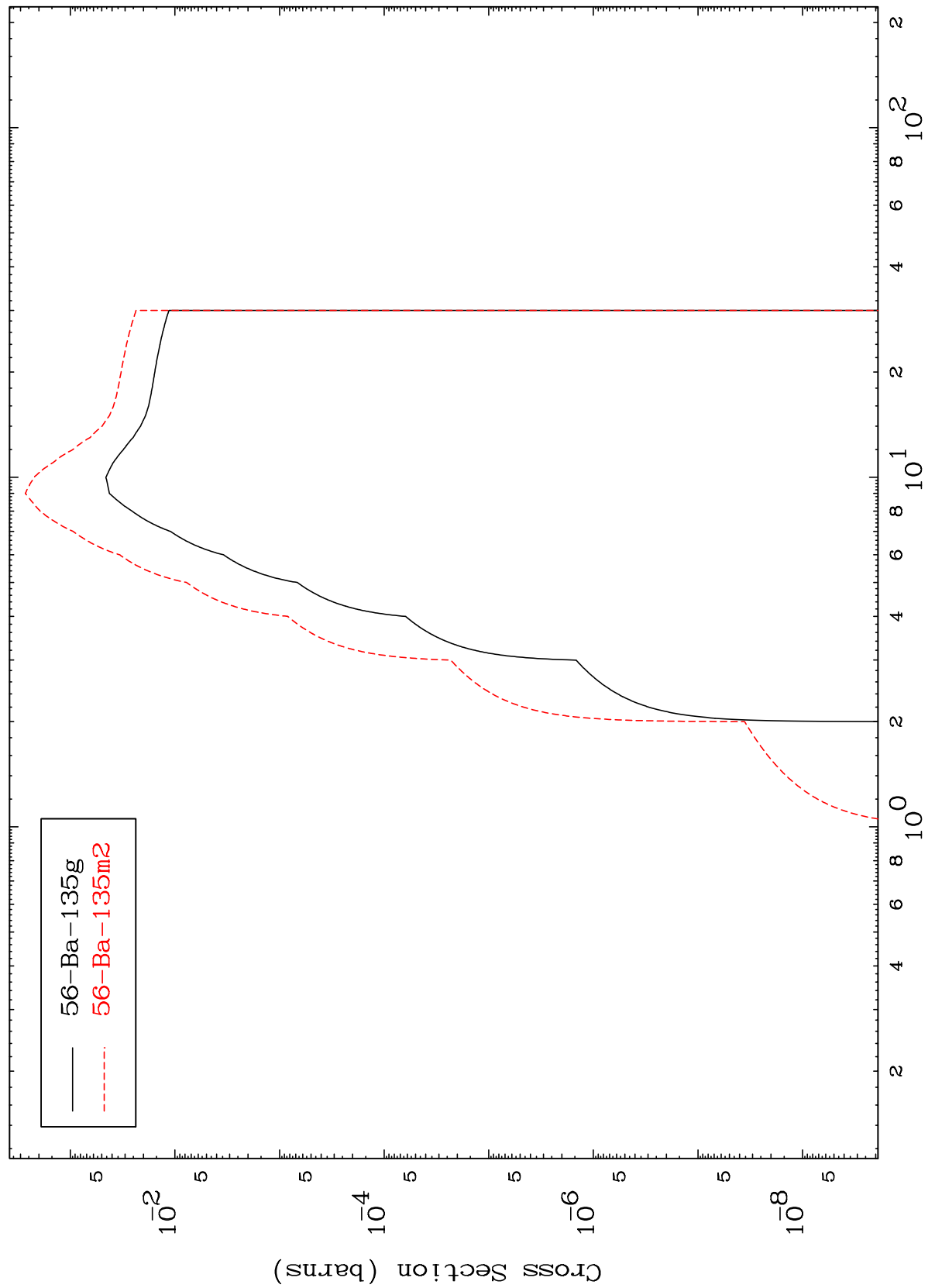
0 Kelvin Cross Sections



MAT 5532

55-Cs-135m

Inelastic
Radionuclide Production Cross Section



— 56-Ba-135g
- - - 56-Ba-135m2

55-Cs-135m

Incident Energy (MeV)

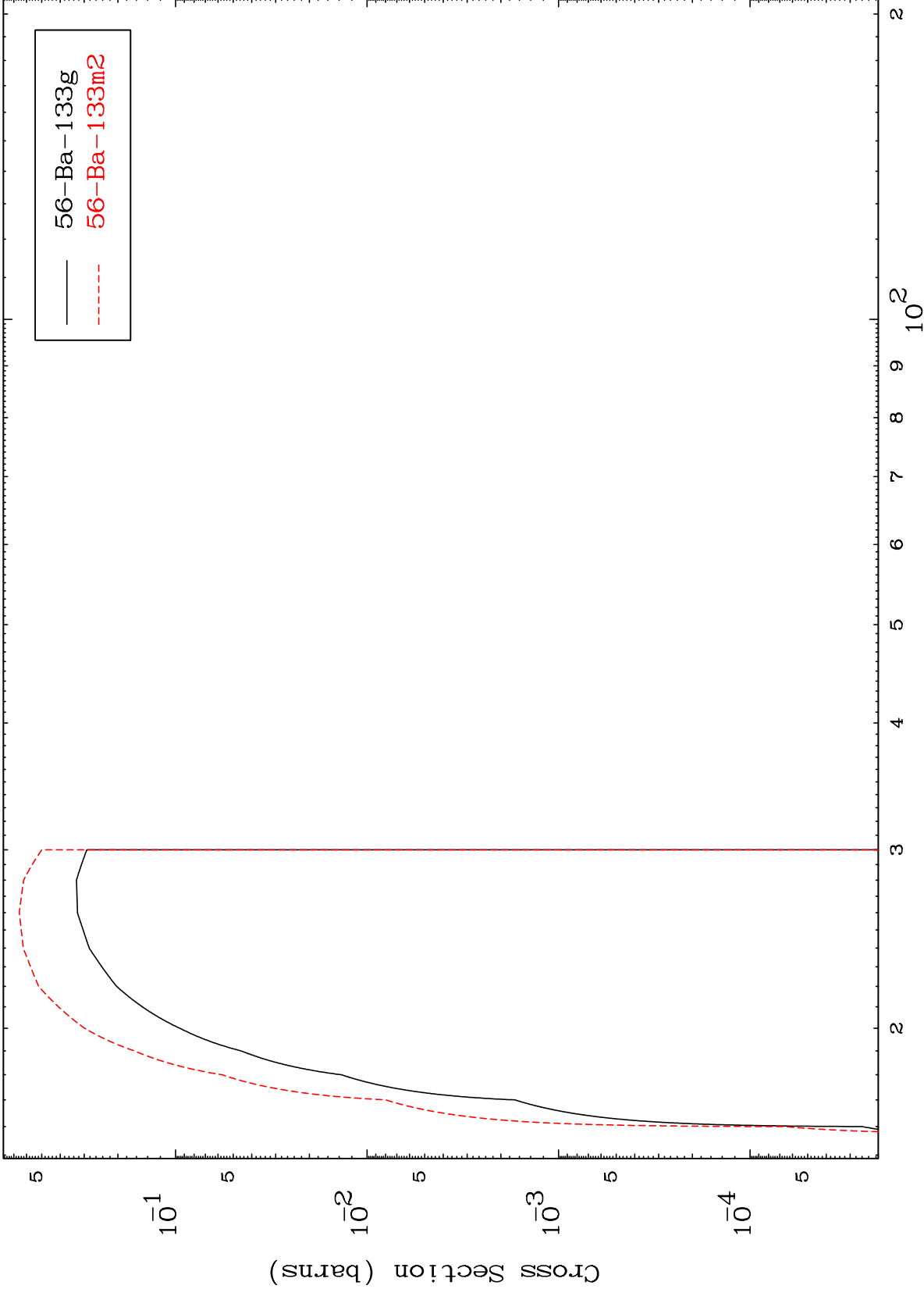
12

MAT 5532

(n,3n)

55-Cs-135m

Radionuclide Production Cross Section



13

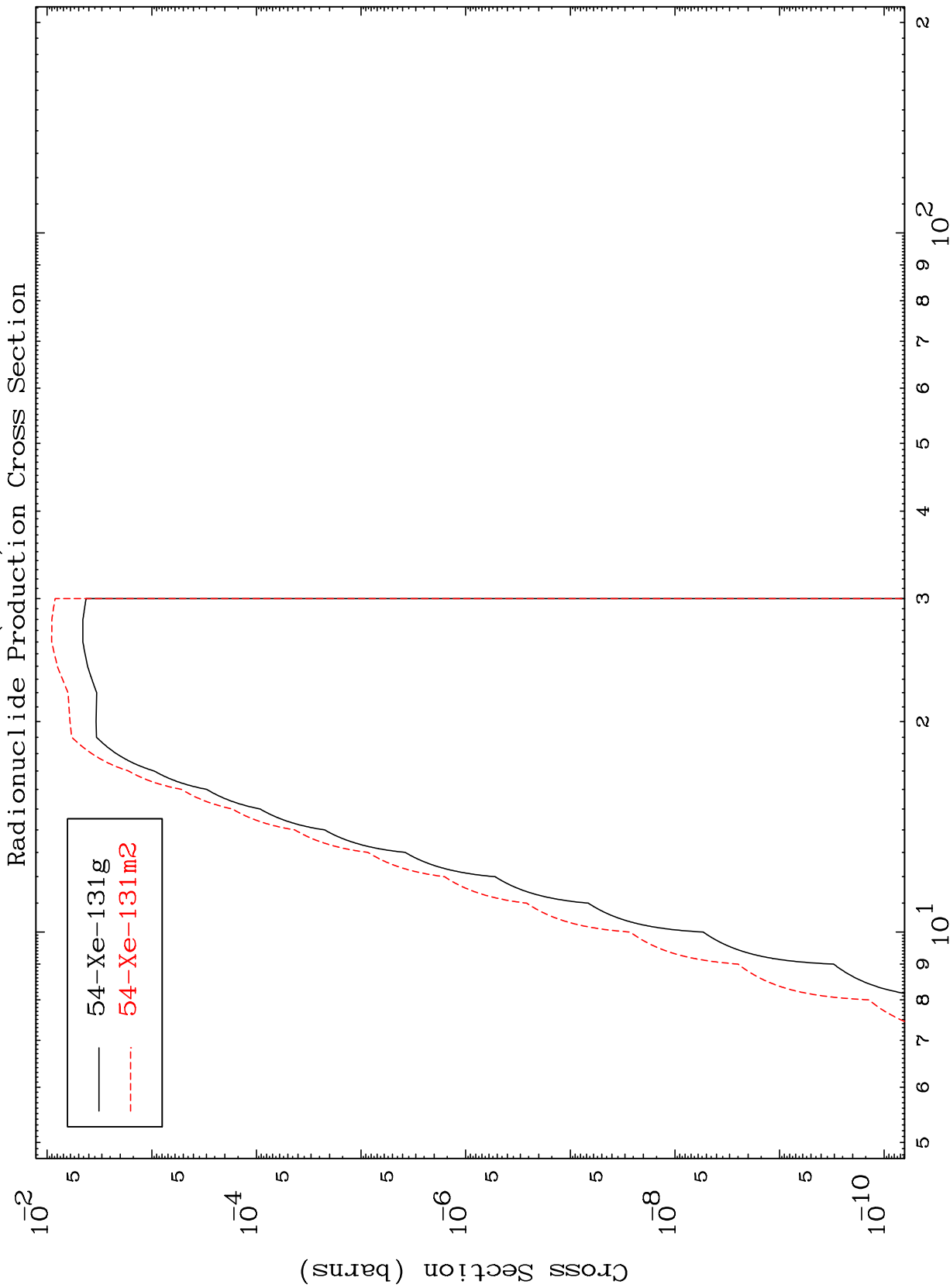
Incident Energy (MeV)

55-Cs-135m

MAT 5532

(n,n') α

55-Cs-135m



14

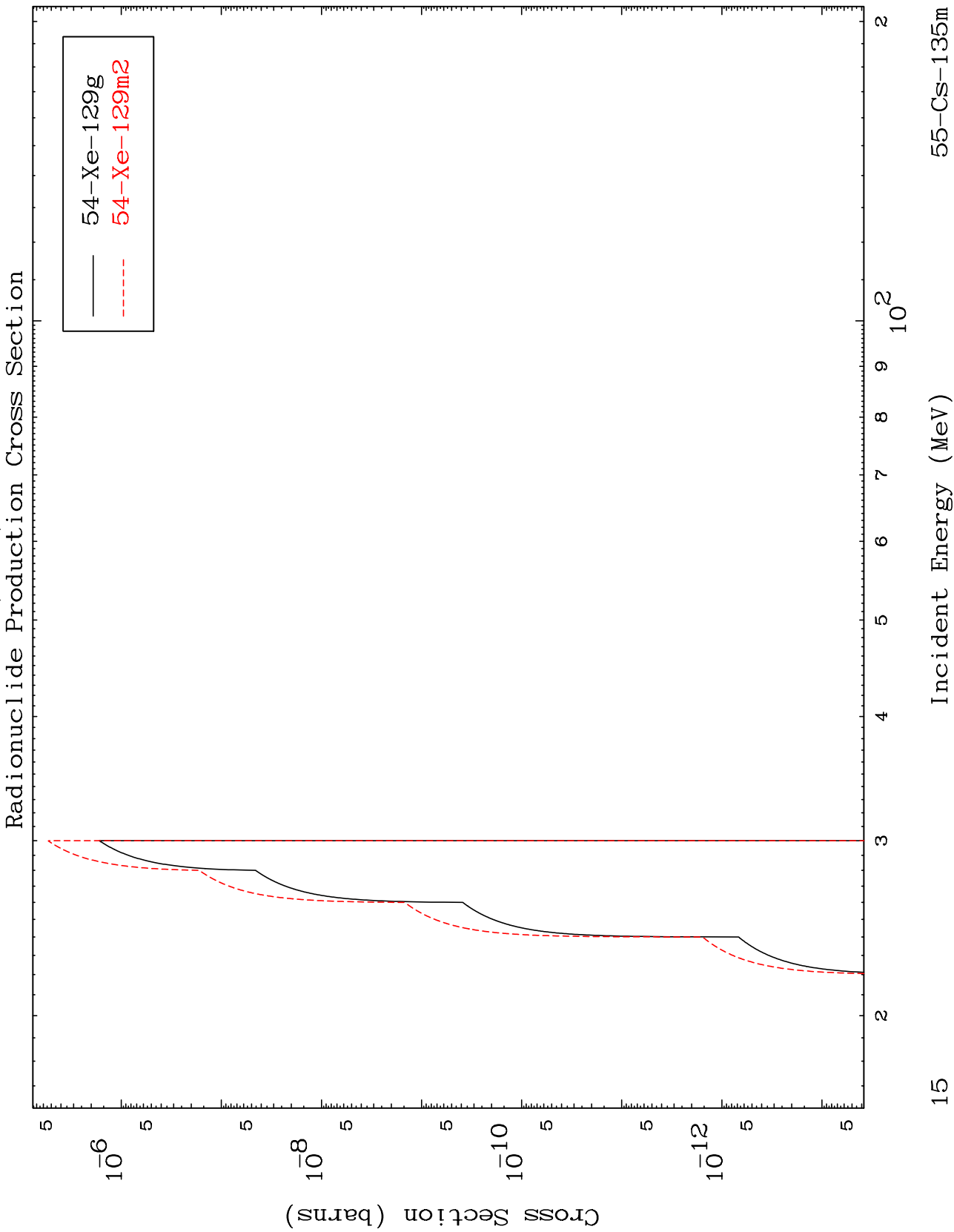
Incident Energy (MeV)

55-Cs-135m

MAT 5532

(n,3n) α

55-Cs-135m



15

Incident Energy (MeV)

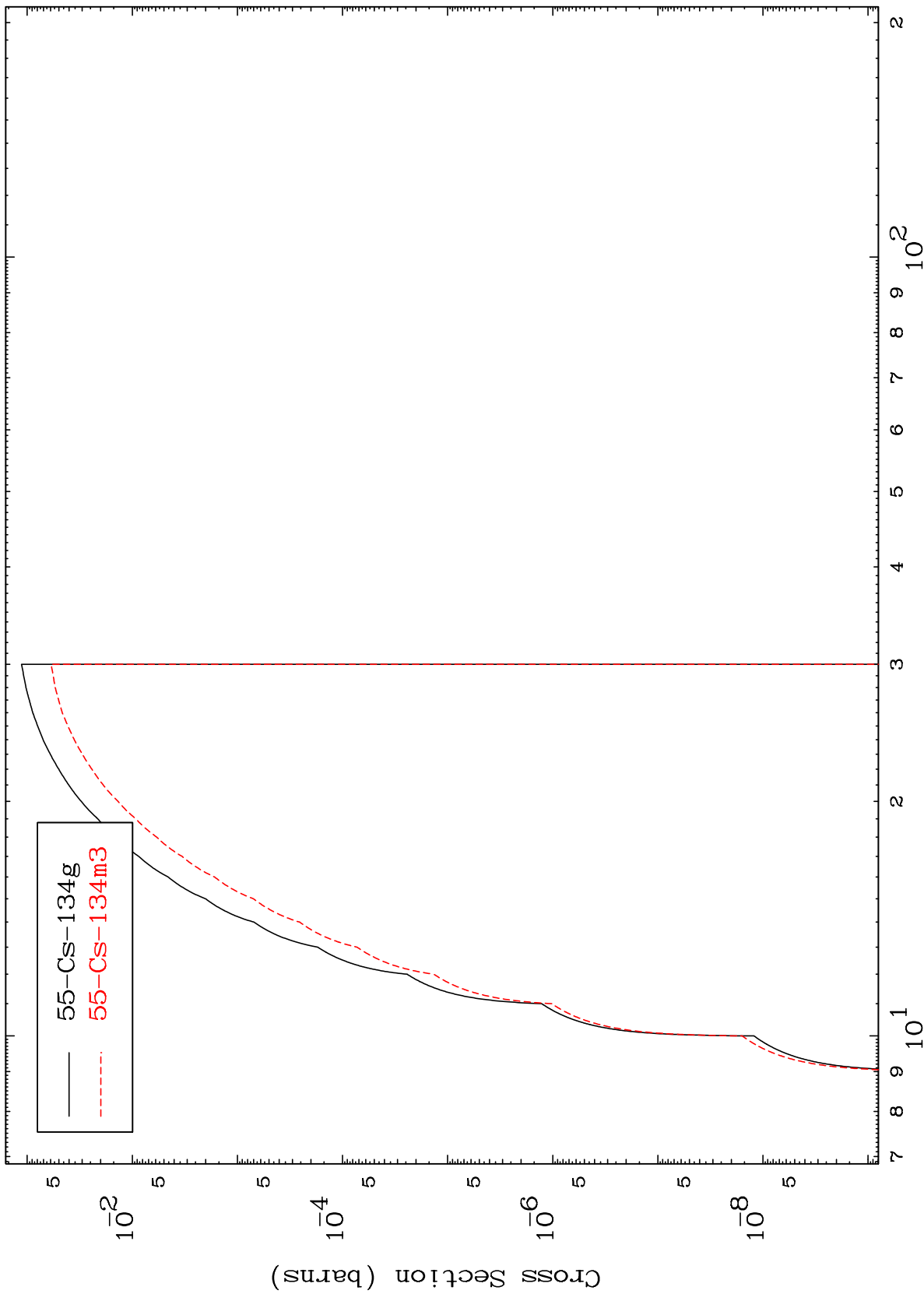
55-Cs-135m

MAT 5532

(n,n') p

55-Cs-135m

Radionuclide Production Cross Section



16

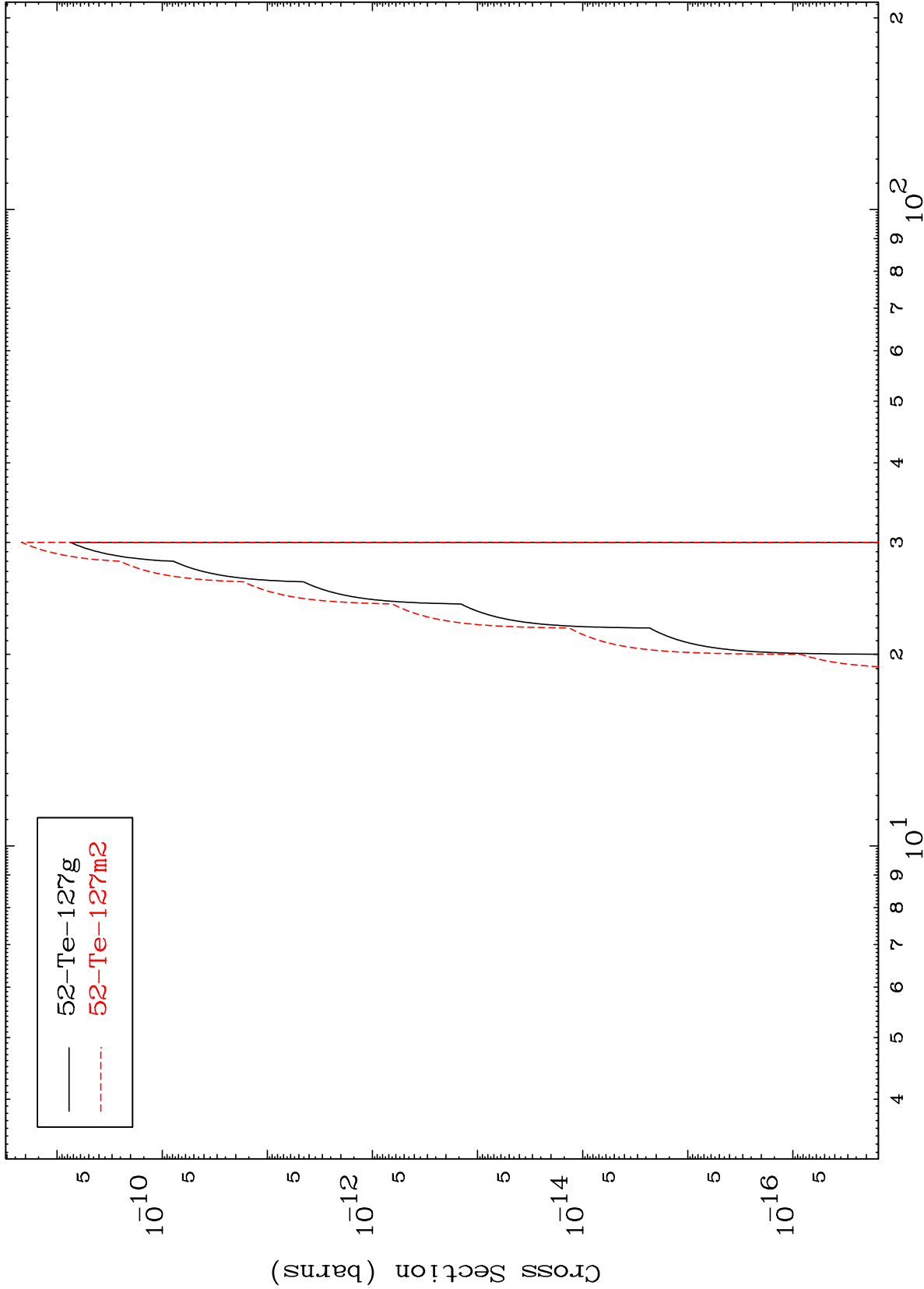
55-Cs-135m

MAT 5532

(n,n') 2α

55-Cs-135m

Radionuclide Production Cross Section



17

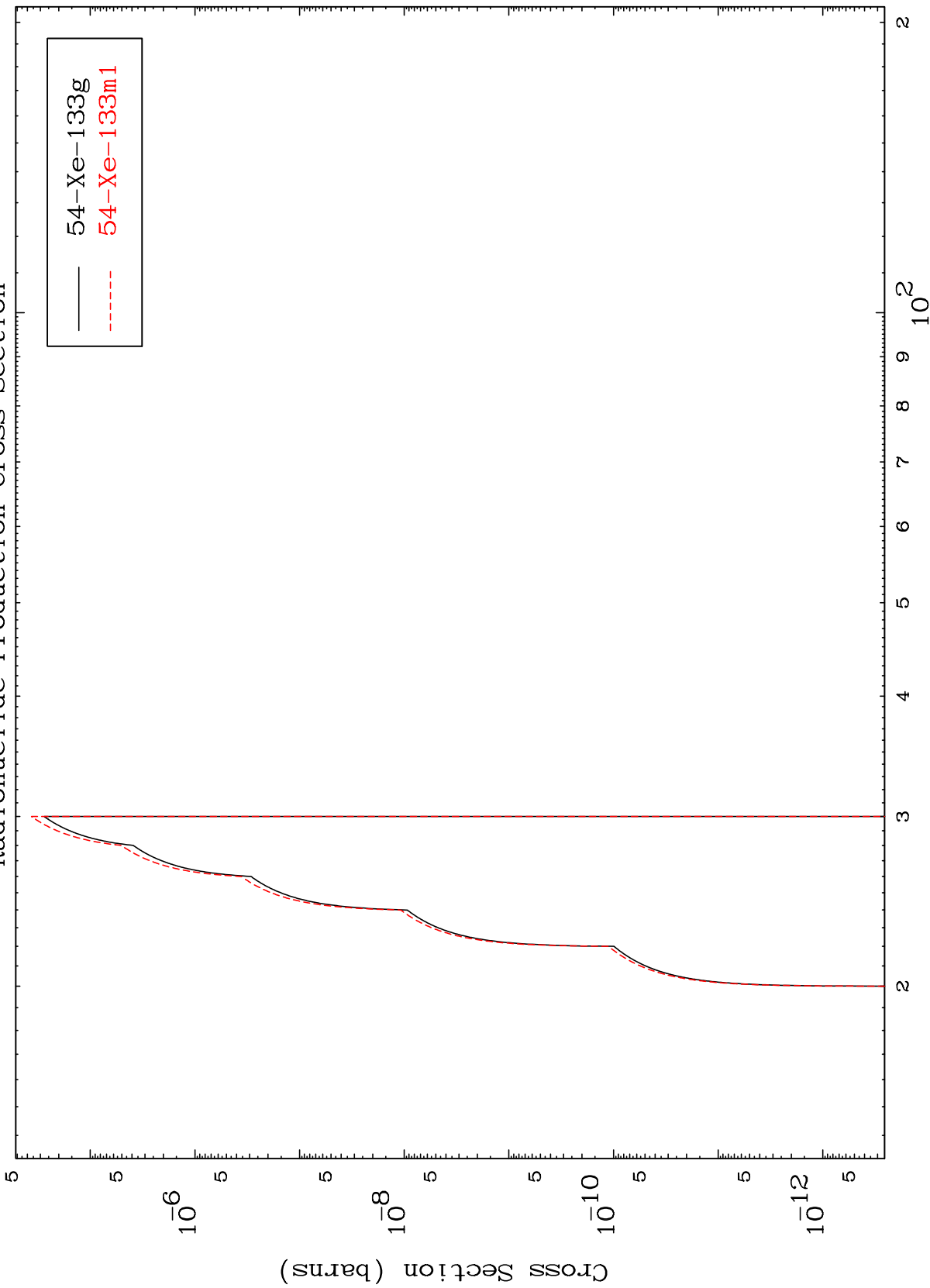
Incident Energy (MeV)

55-Cs-135m

MAT 5532

55-Cs-135m

(n,2n) p
Radionuclide Production Cross Section



18

55-Cs-135m

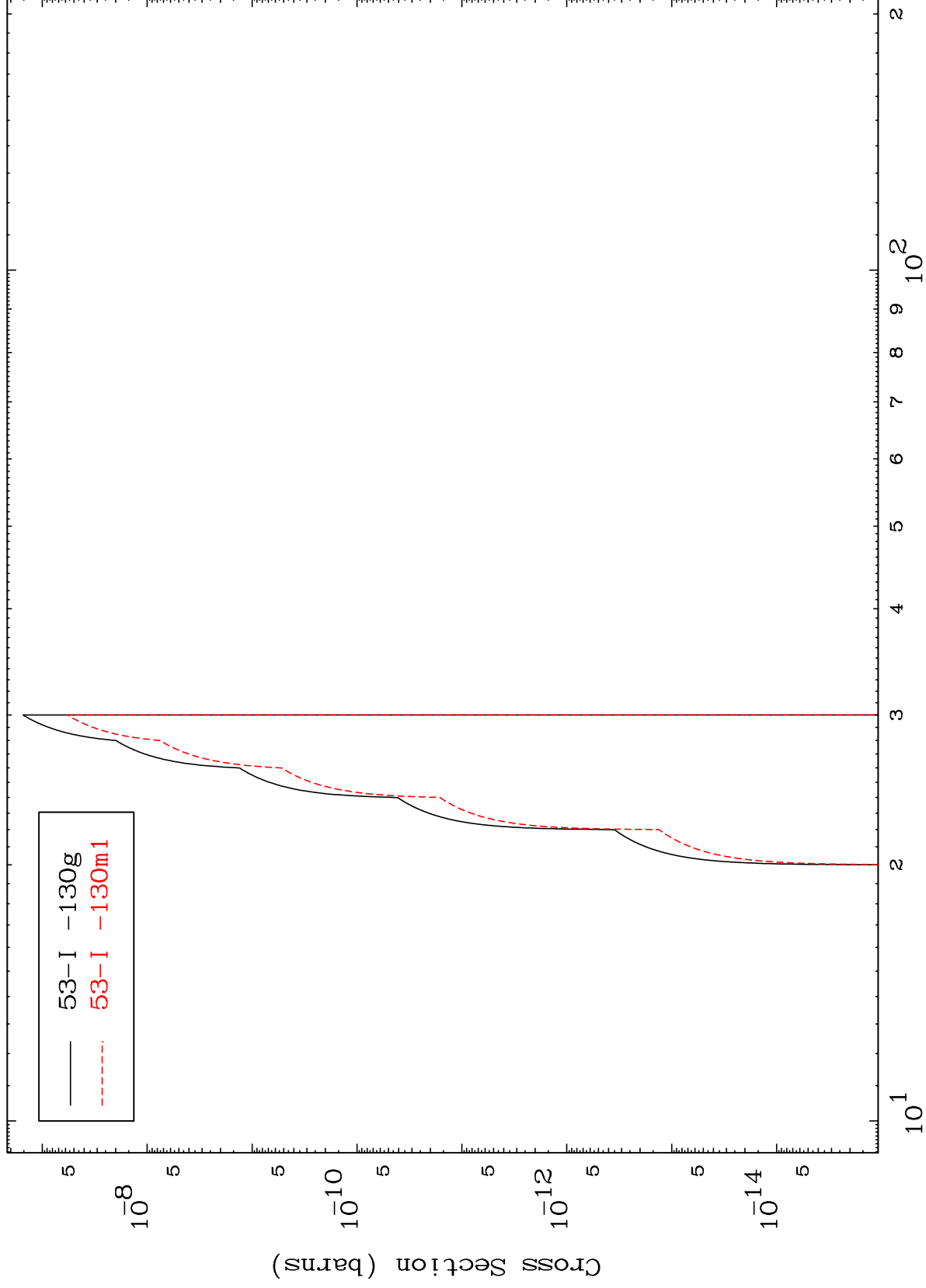
Incident Energy (MeV)

MAT 5532

(n,n') p α

55-Cs-135m

Radionuclide Production Cross Section



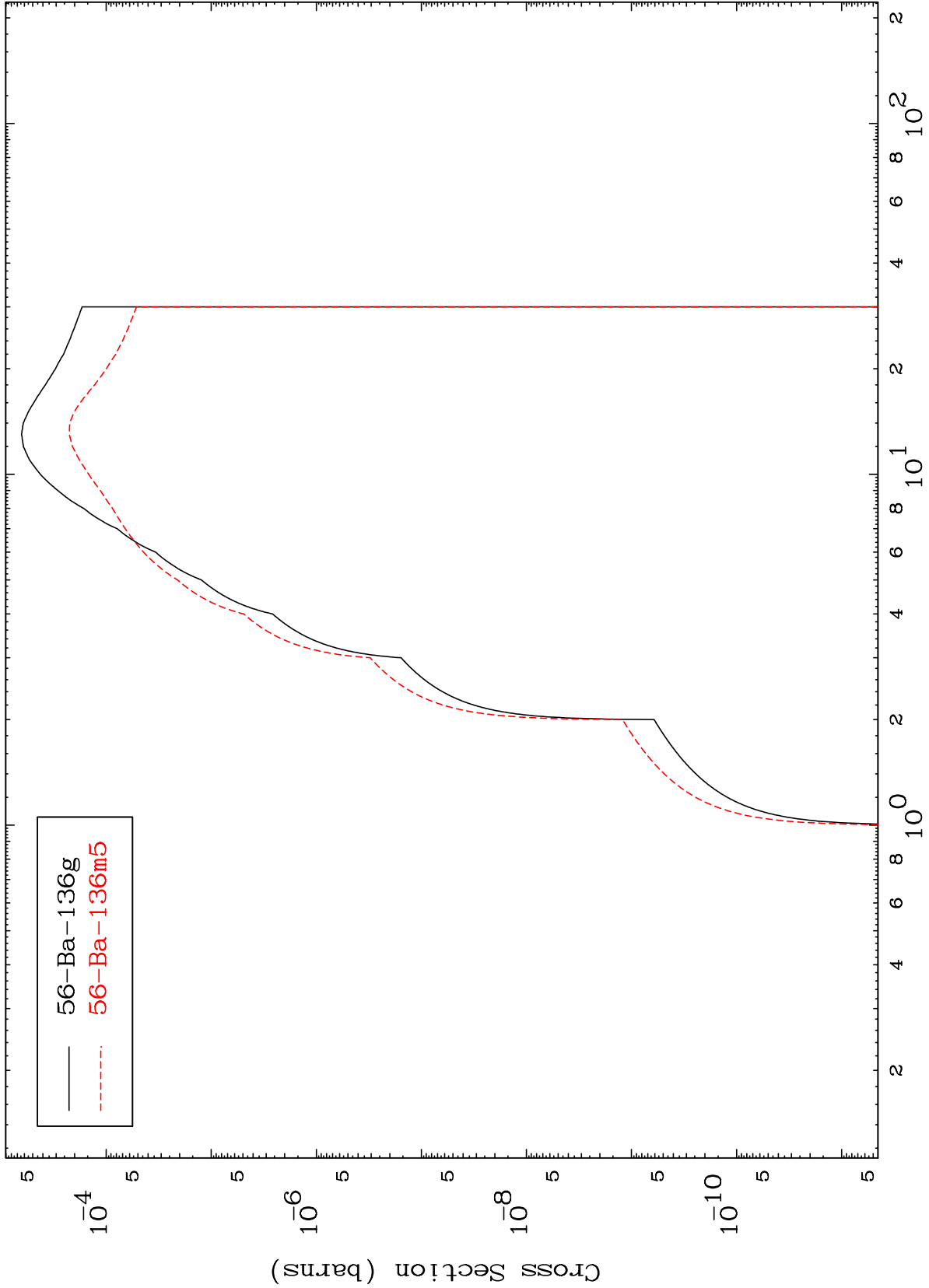
Incident Energy (MeV)

55-Cs-135m

MAT 5532

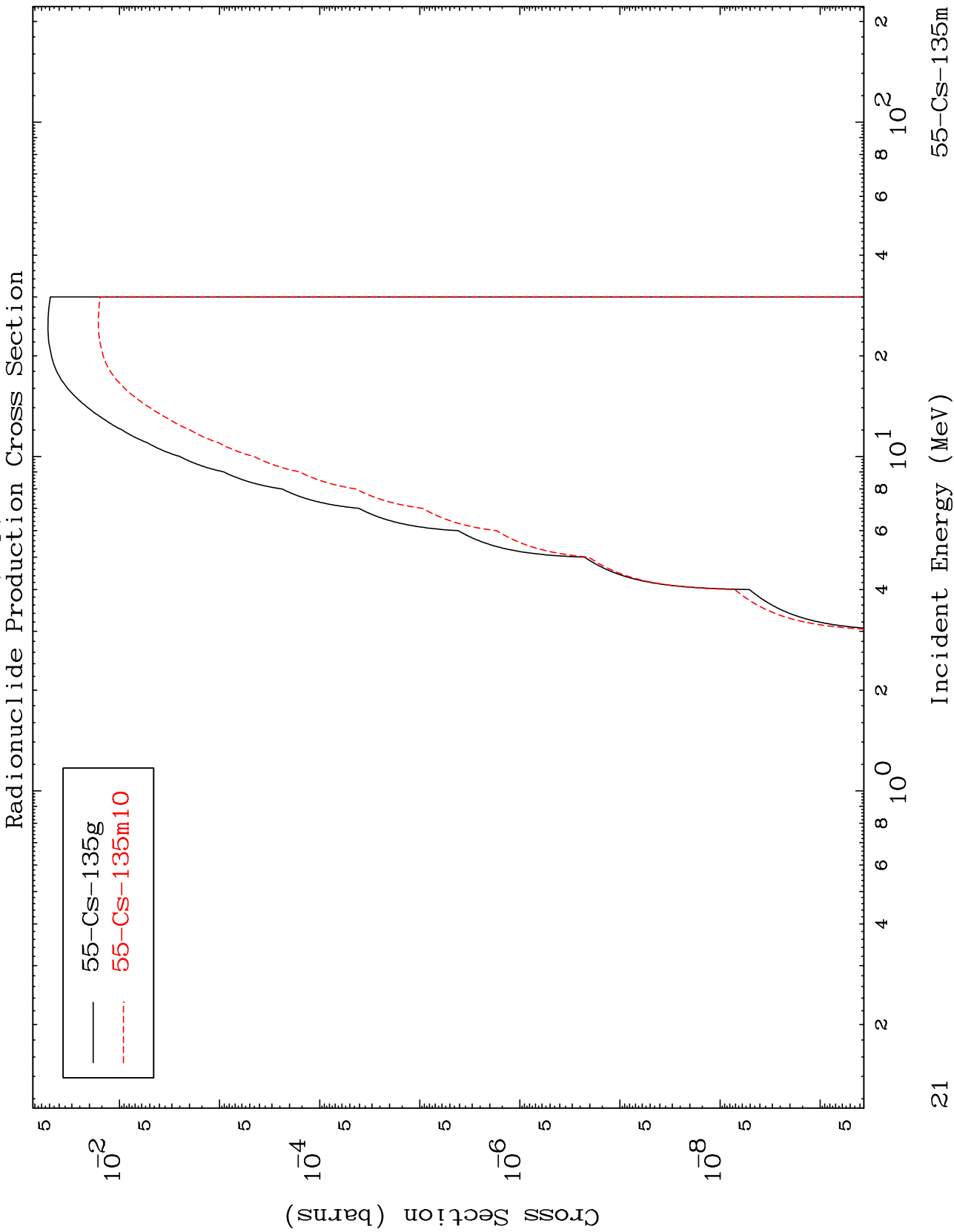
55-Cs-135m

(n, γ)
Radionuclide Production Cross Section



MAT 5532

55-Cs-135m

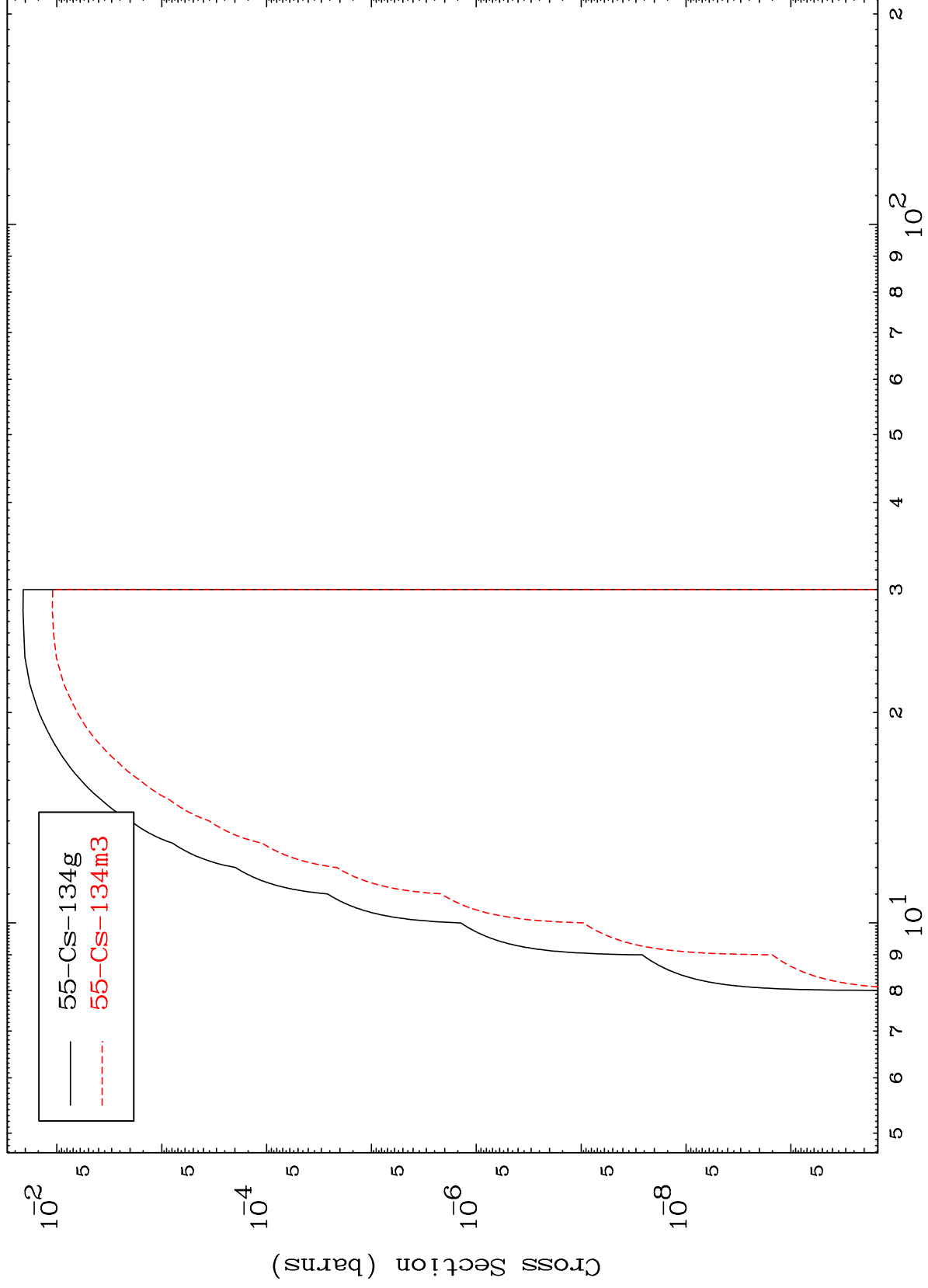


MAT 5532

(n,d)

55-Cs-135m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

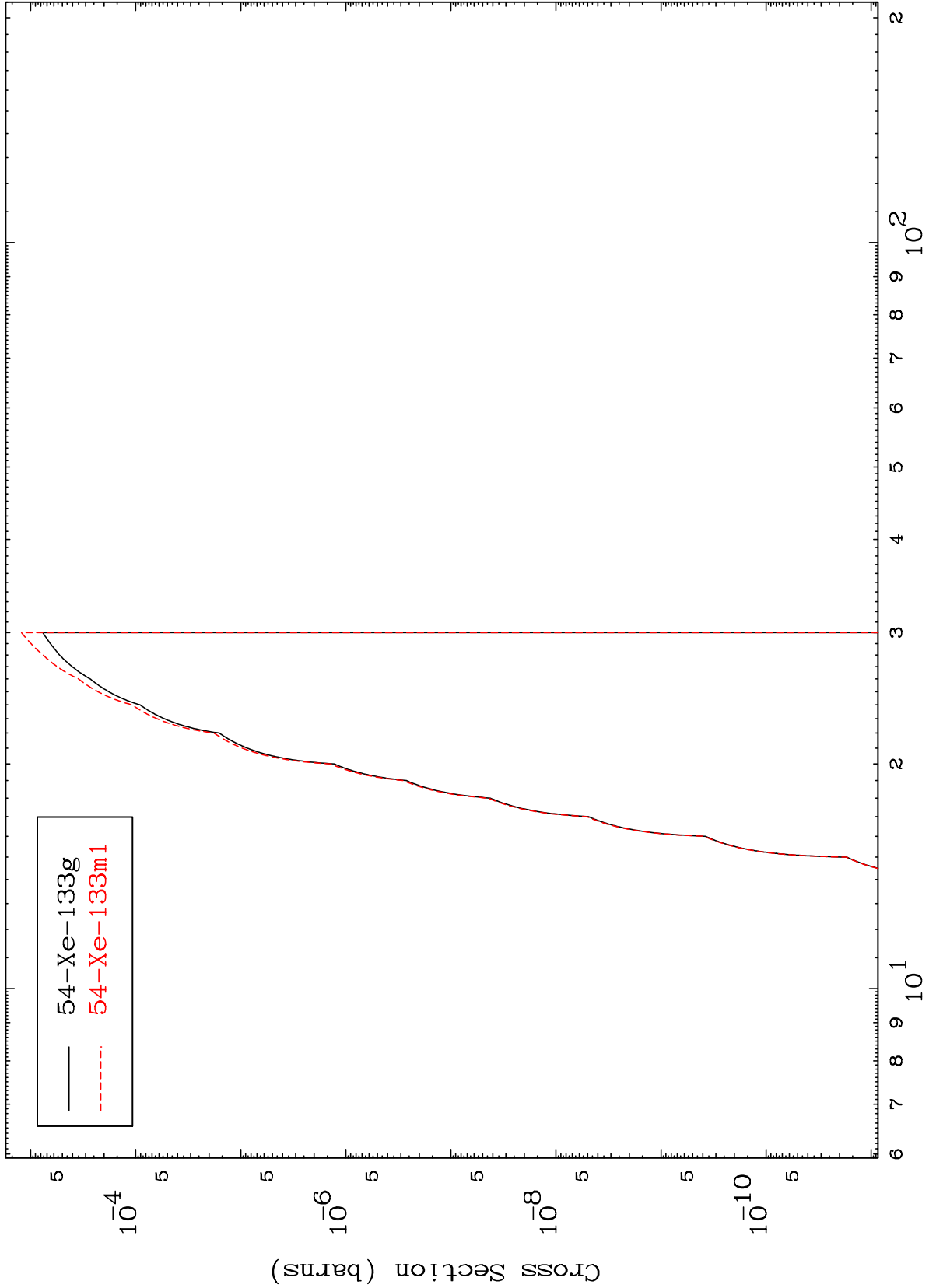
55-Cs-135m

MAT 5532

(n,He-3)

55-Cs-135m

Radionuclide Production Cross Section



23

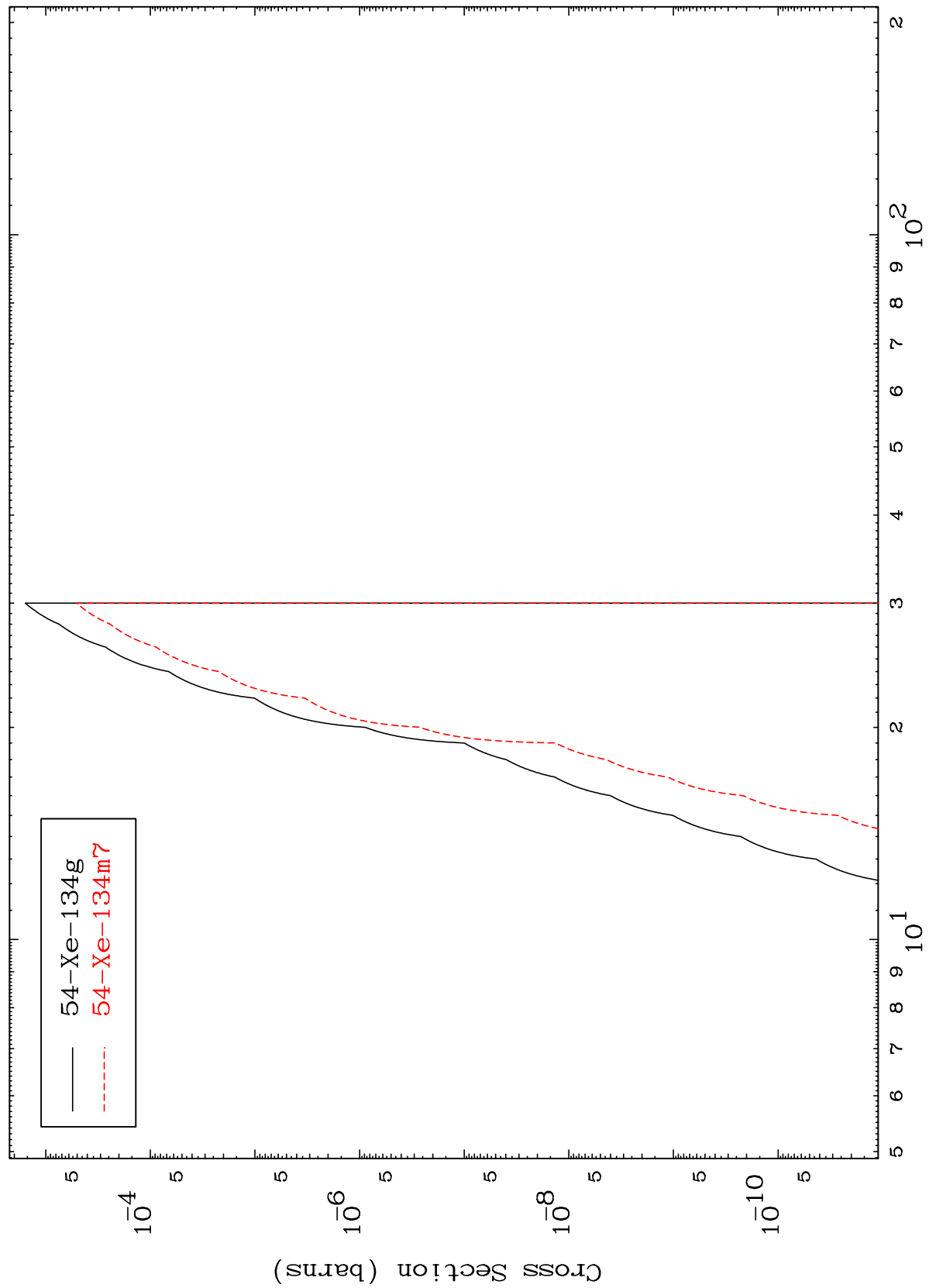
Incident Energy (MeV)

55-Cs-135m

MAT 5532

55-Cs-135m

(n,2p)
Radionuclide Production Cross Section

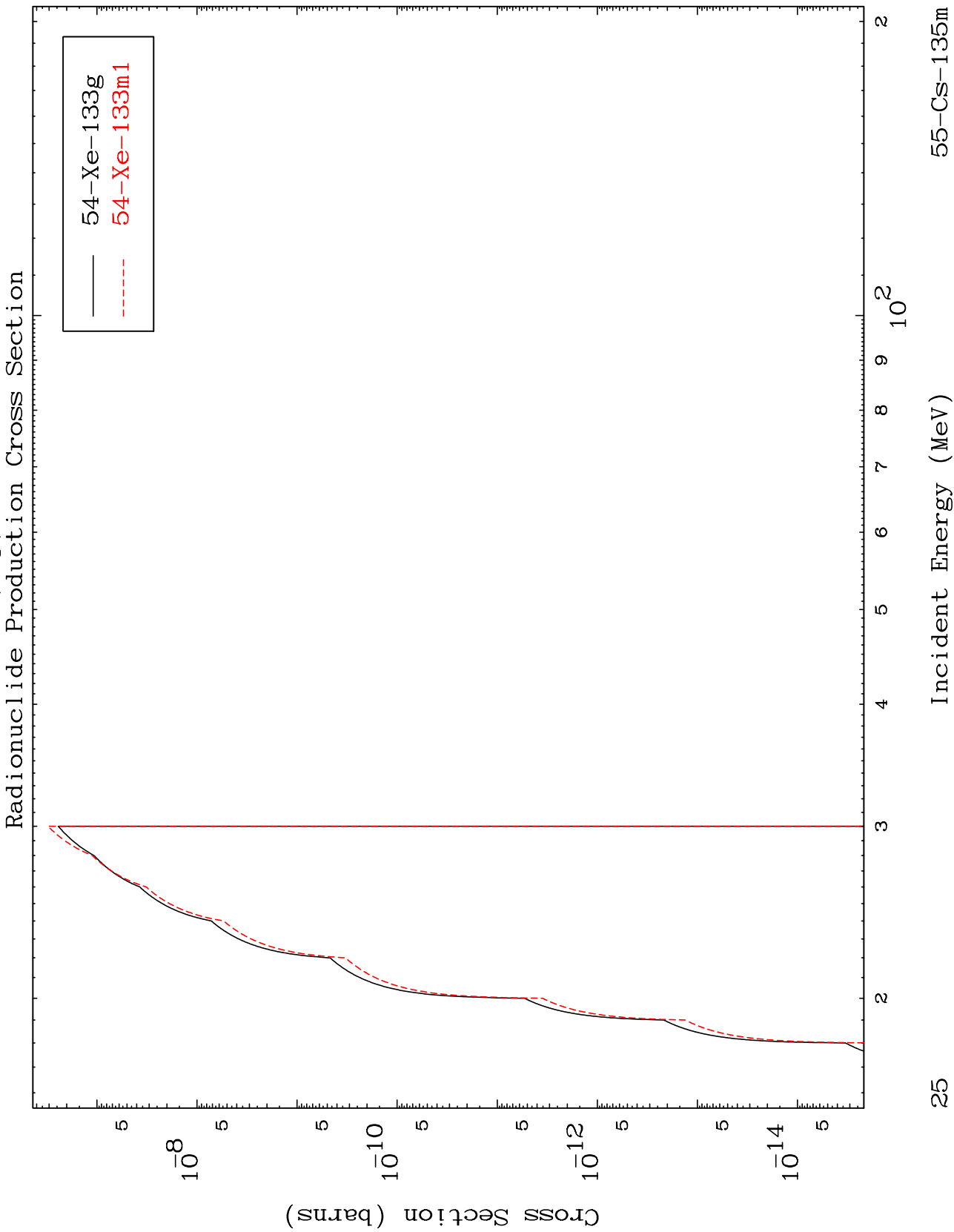


54-Xe-134g
54-Xe-134m7

24

Incident Energy (MeV)

55-Cs-135m

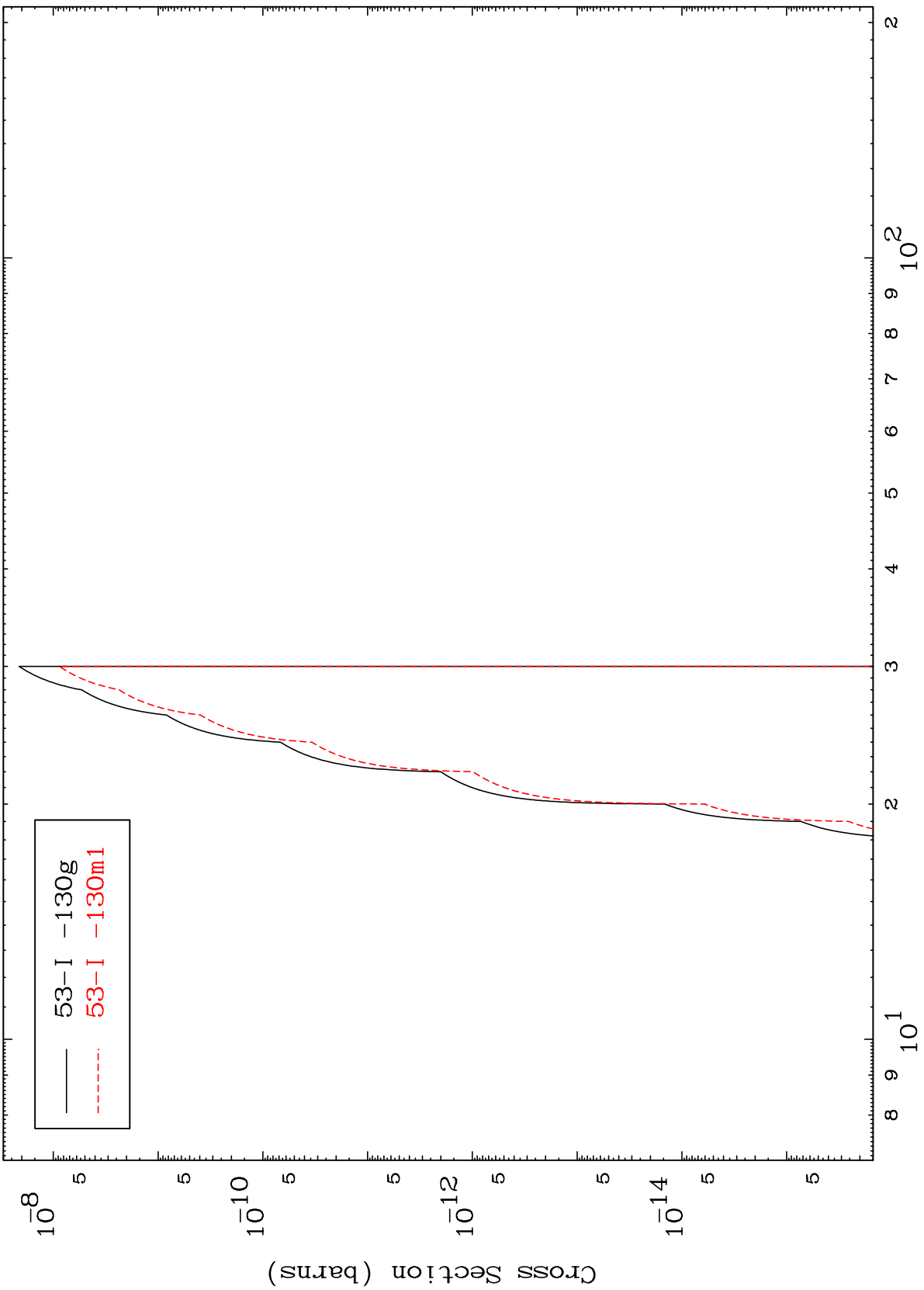


MAT 5532

(n,d) α

55-Cs-135m

Radionuclide Production Cross Section



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