

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

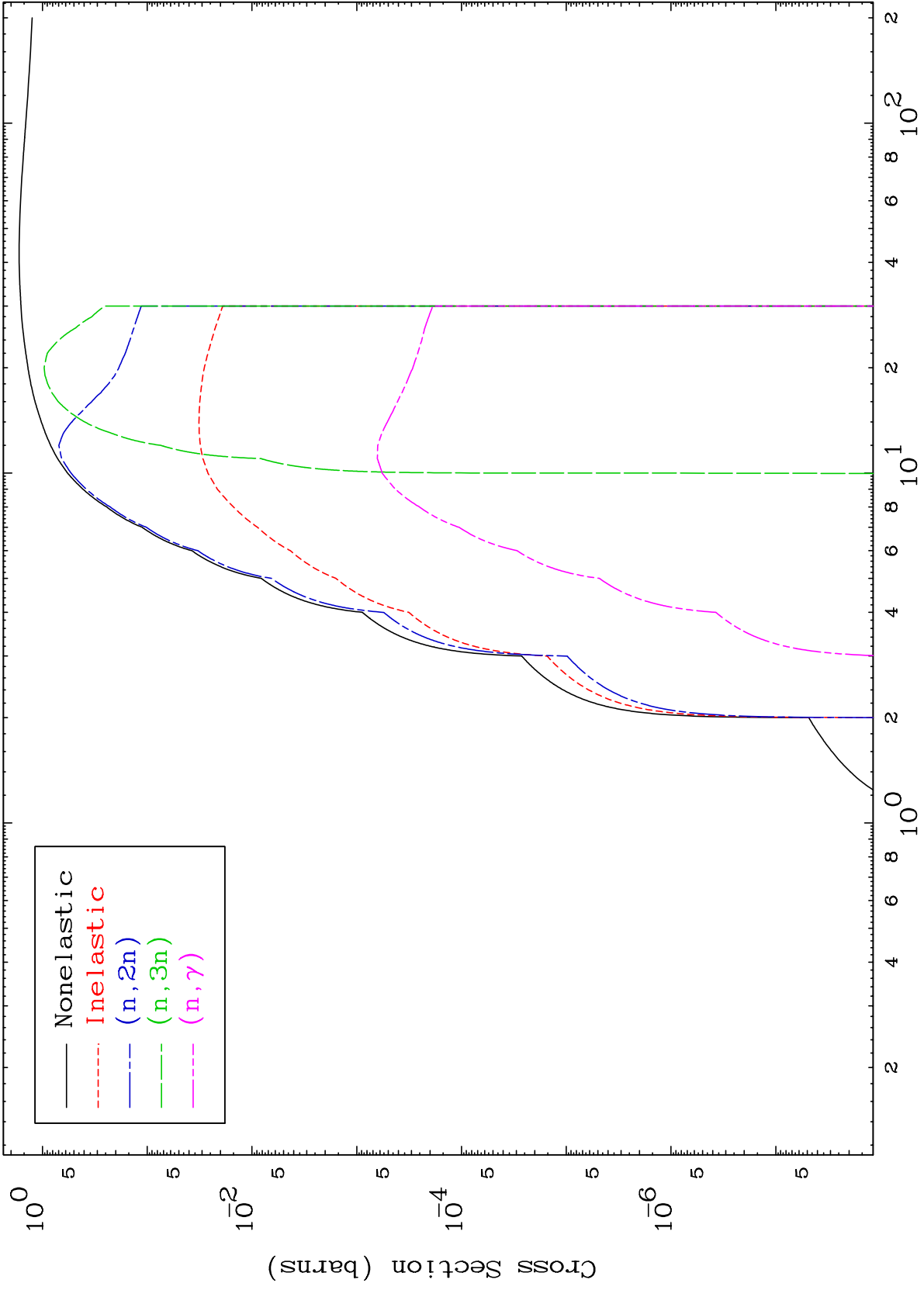
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5543

Proton Major
0 Kelvin Cross Sections

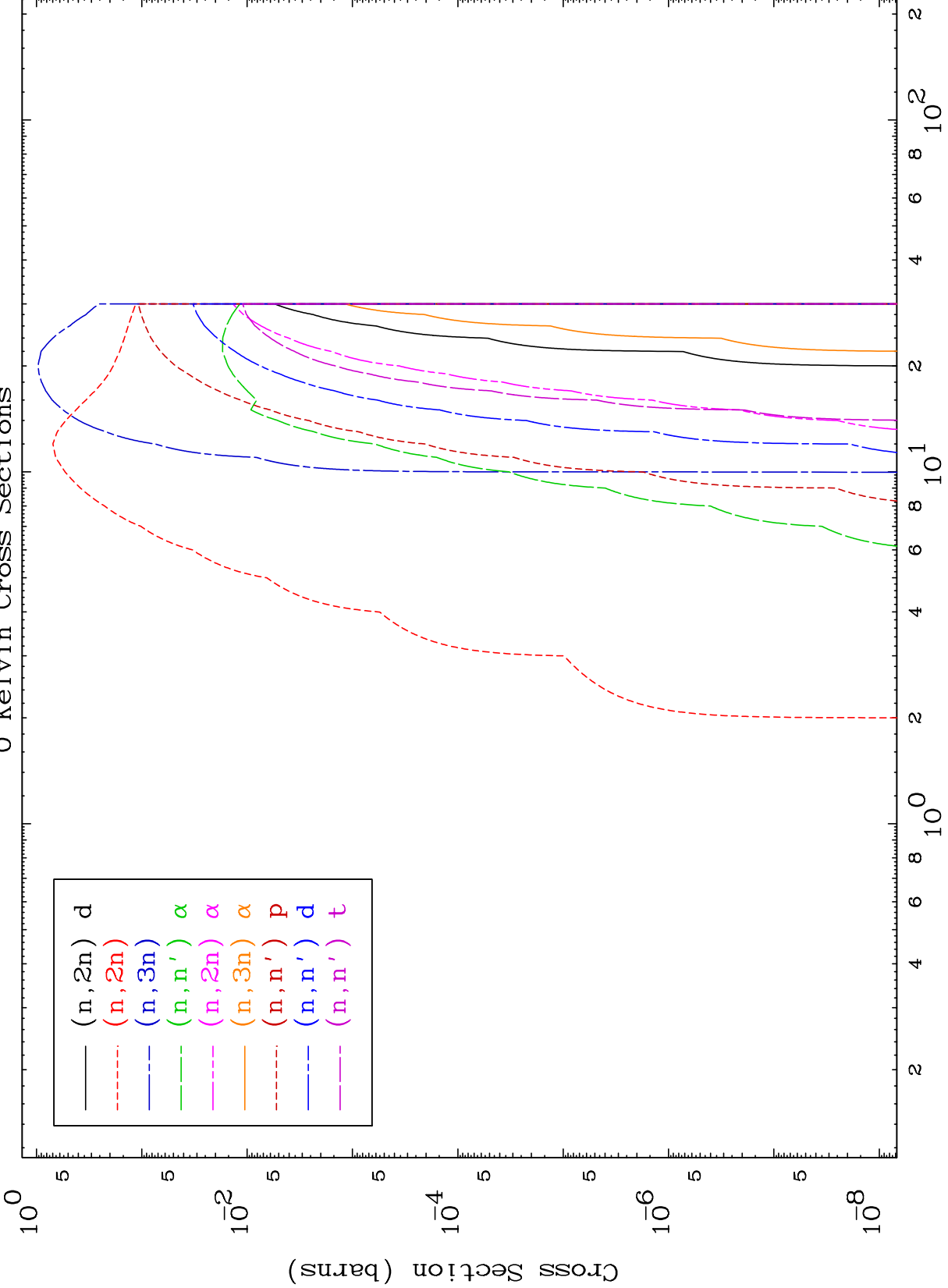
55-Cs-139



MAT 5543

Proton Neutron Absorption
0 Kelvin Cross Sections

55-Cs-139



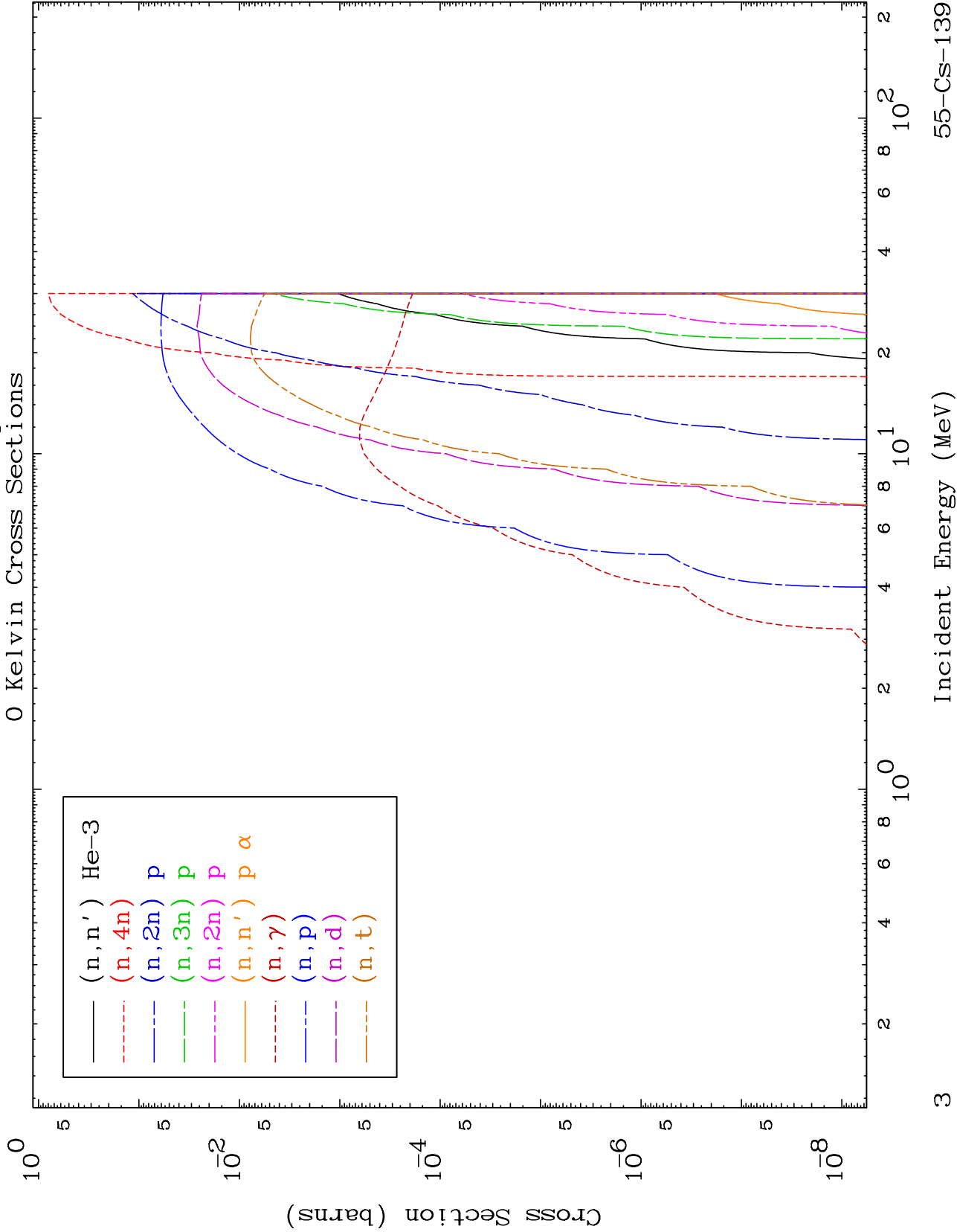
55-Cs-139

Incident Energy (MeV)

MAT 5543

Proton Neutron Absorption
0 Kelvin Cross Sections

55-Cs-139



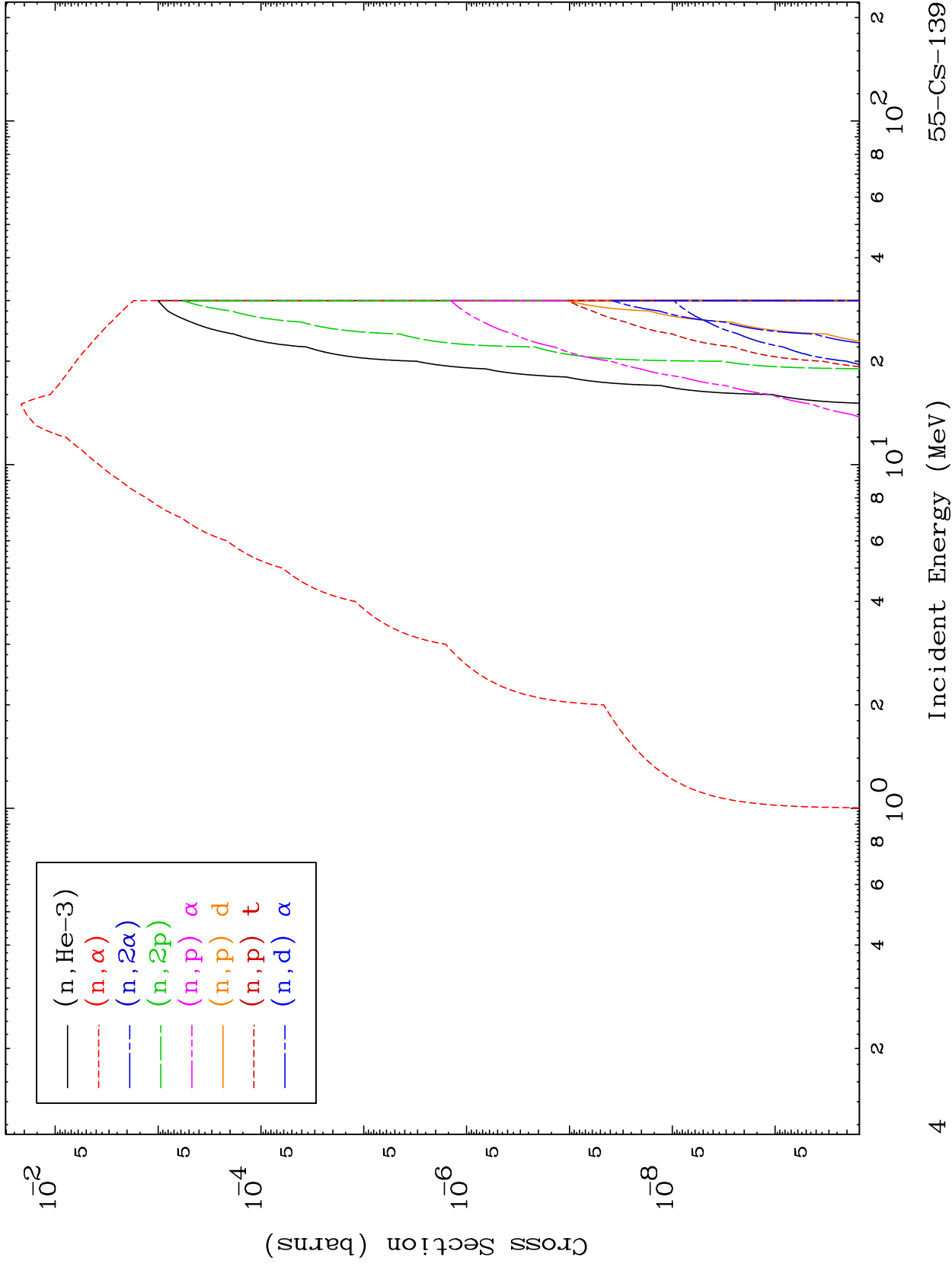
55-Cs-139

Incident Energy (MeV)

MAT 5543

Proton Neutron Absorption
0 Kelvin Cross Sections

55-Cs-139

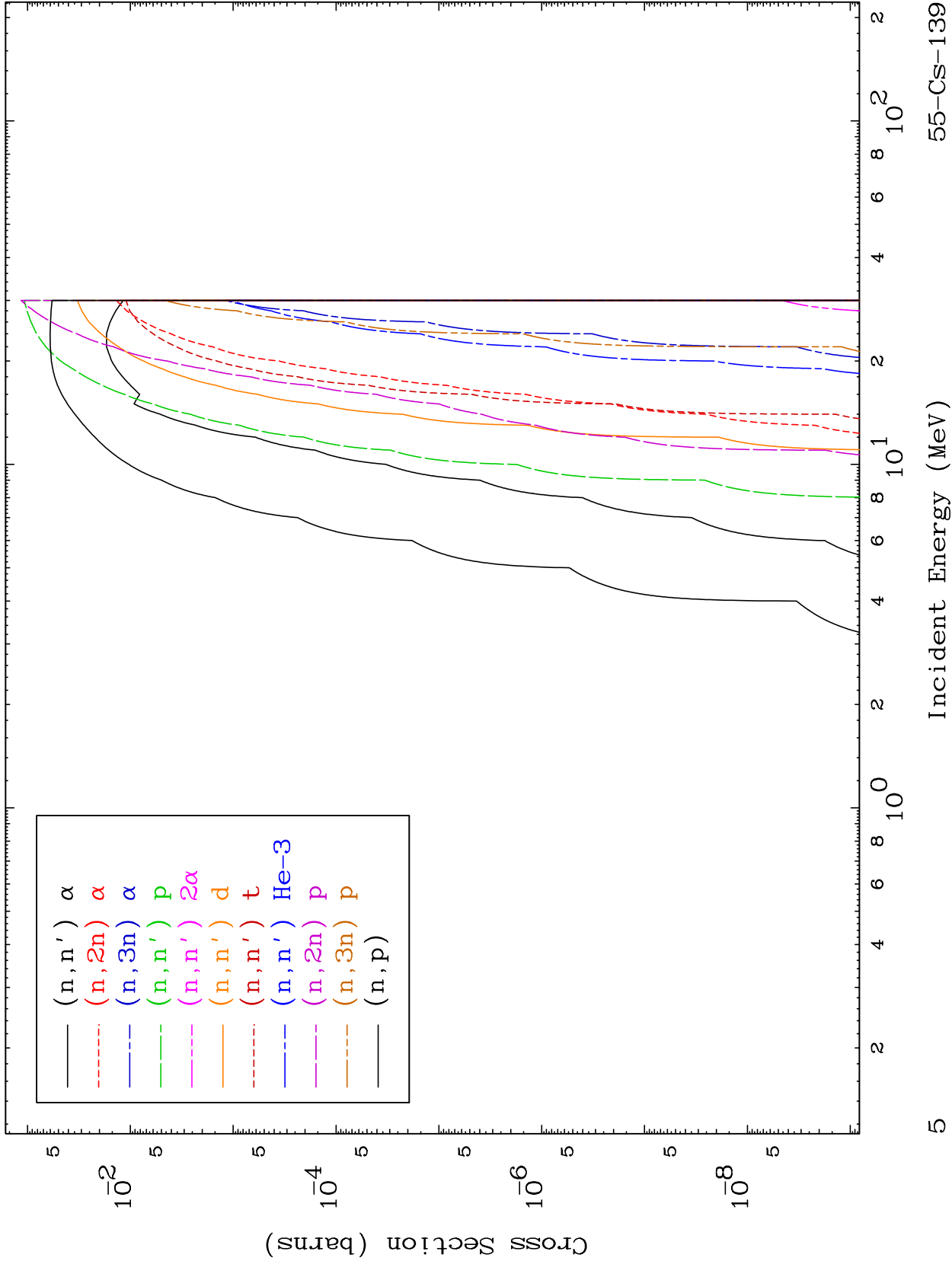


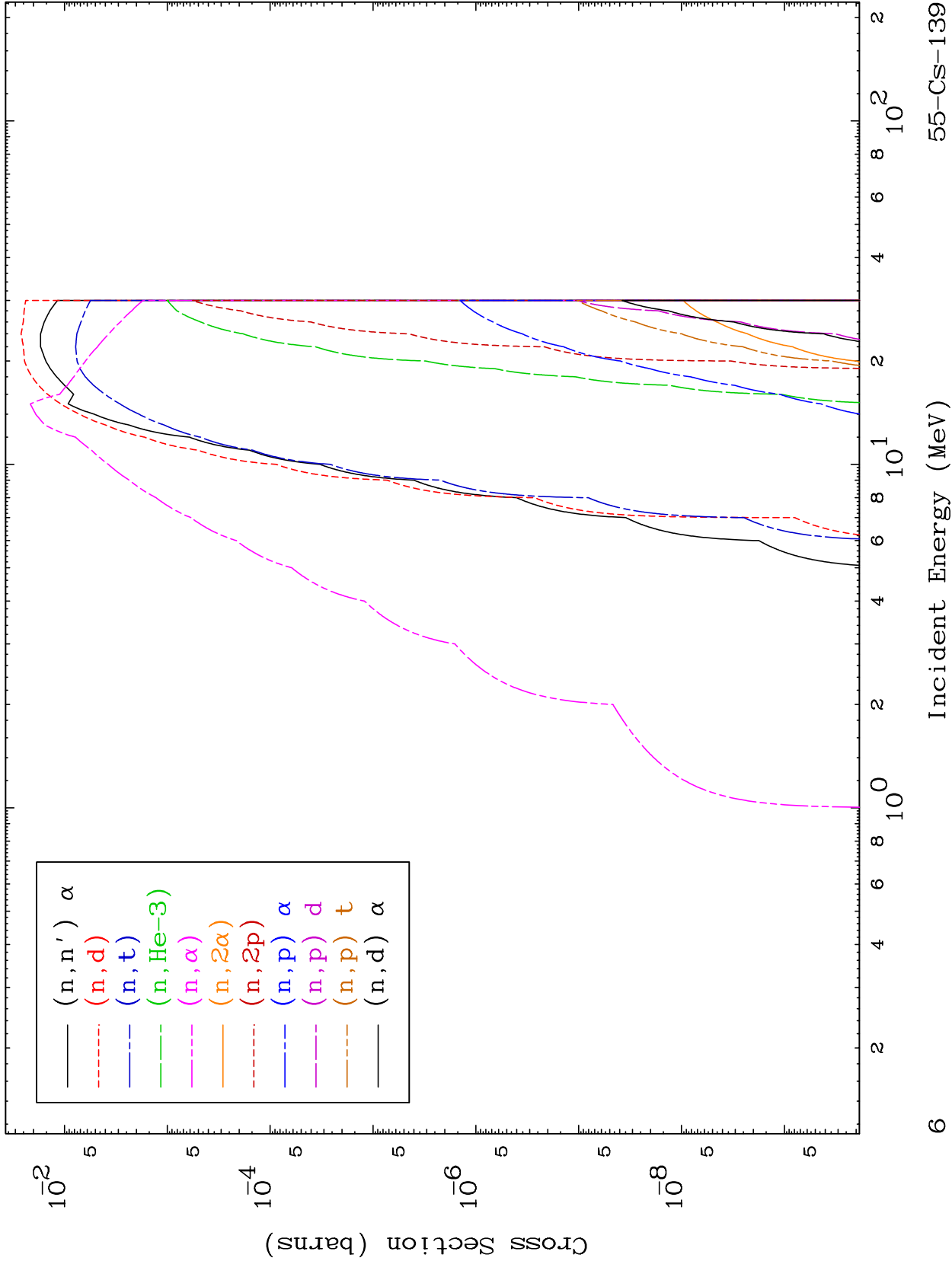
55-Cs-139

MAT 5543

Proton Charged Particle
0 Kelvin Cross Sections

55-Cs-139

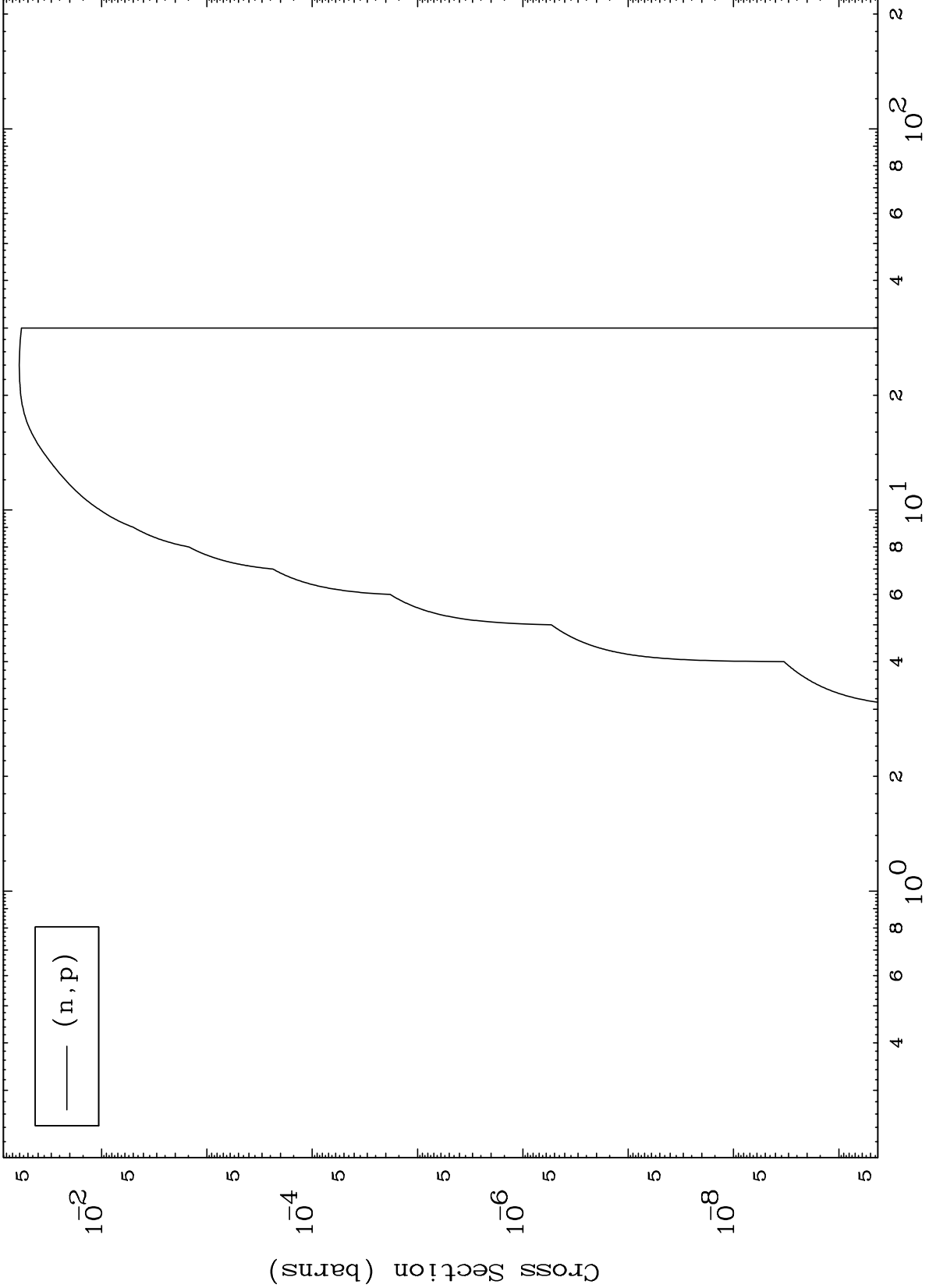




MAT 5543

(p,p) Levels
0 Kelvin Cross Sections

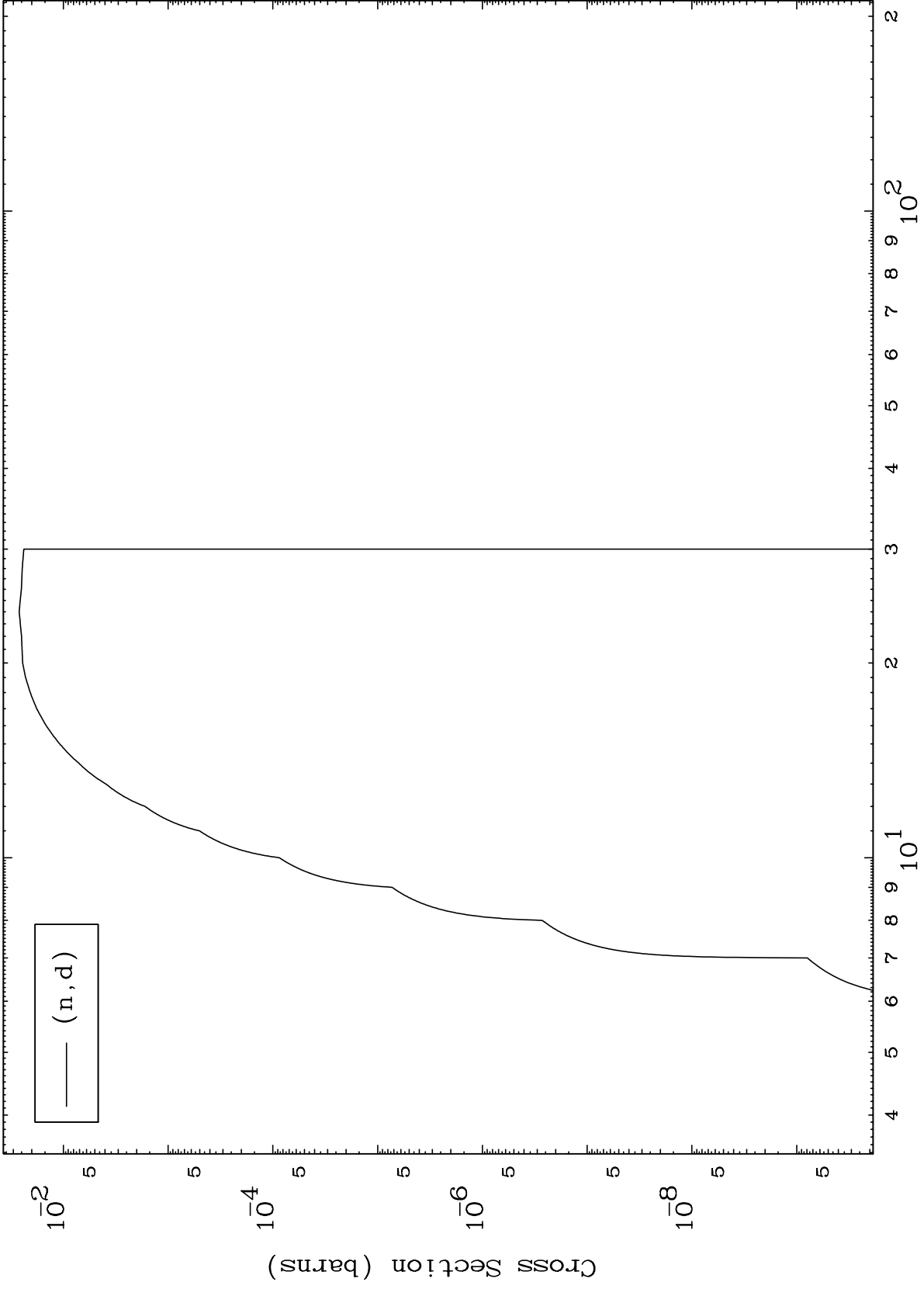
55-Cs-139



MAT 5543

55-Cs-139

(p,d) Levels
0 Kelvin Cross Sections



8

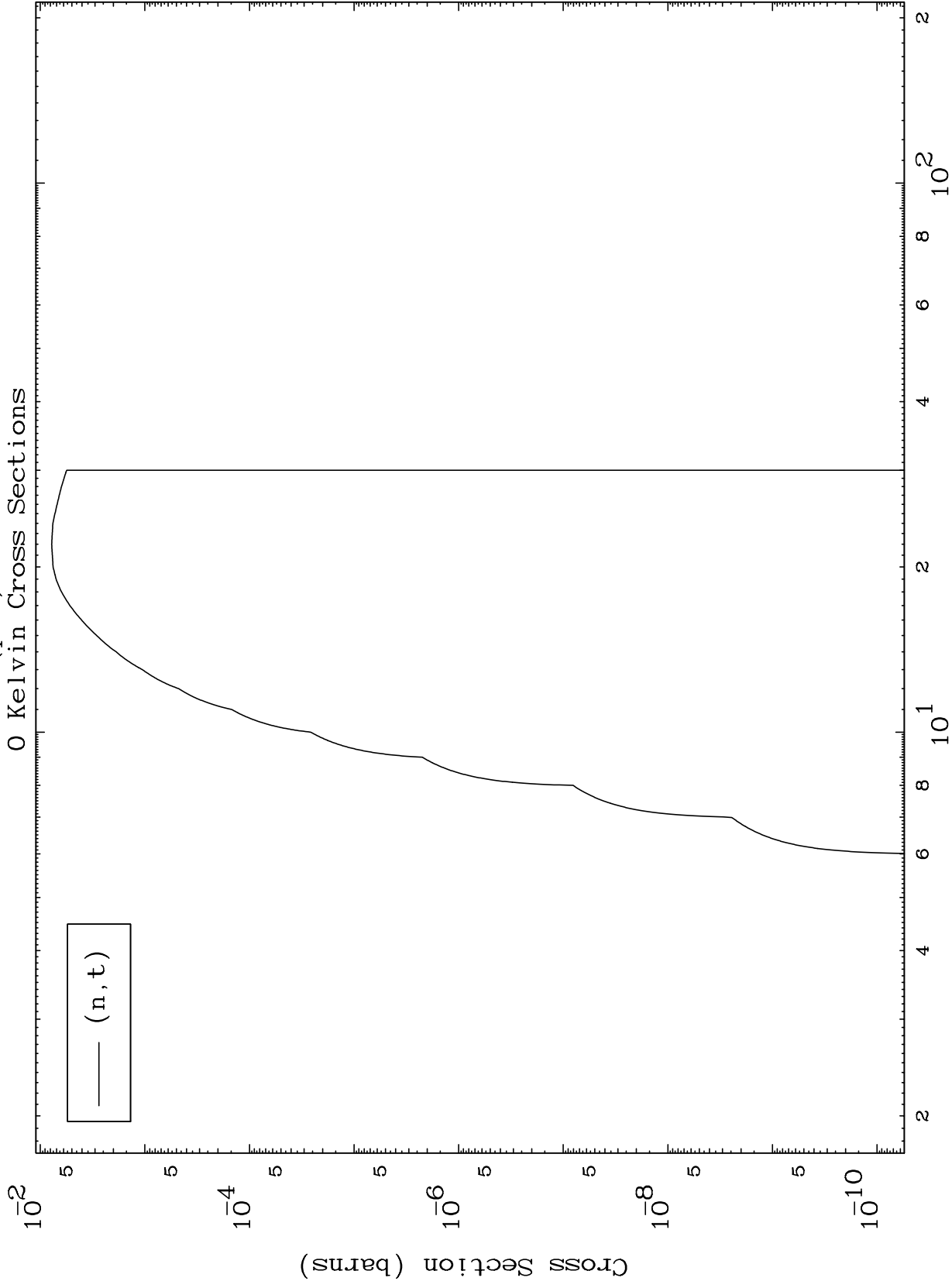
Incident Energy (MeV)

55-Cs-139

MAT 5543

(p,t) Levels
0 Kelvin Cross Sections

55-Cs-139



9

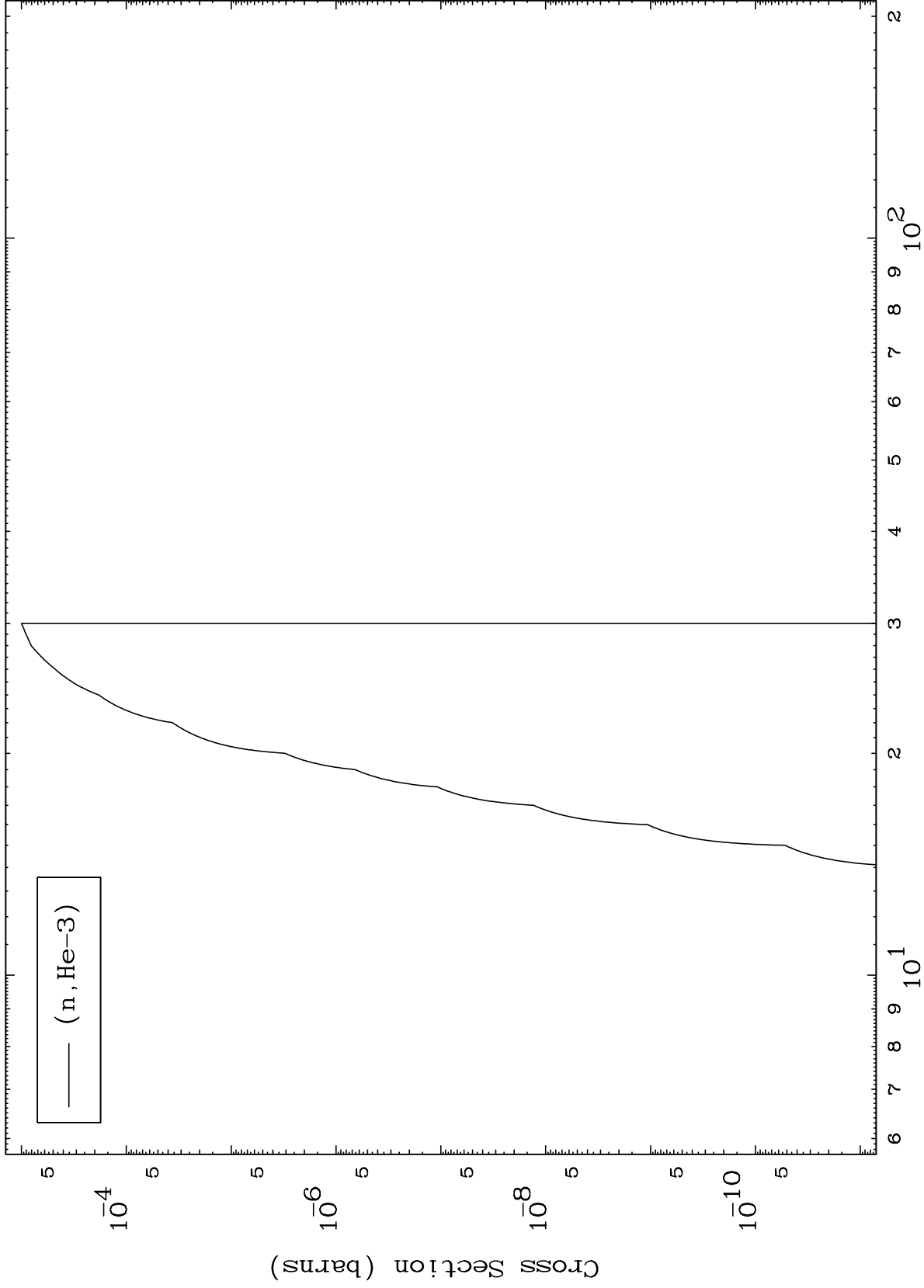
Incident Energy (MeV)

55-Cs-139

MAT 5543

(p,He3) Levels
0 Kelvin Cross Sections

55-Cs-139



10

Incident Energy (MeV)

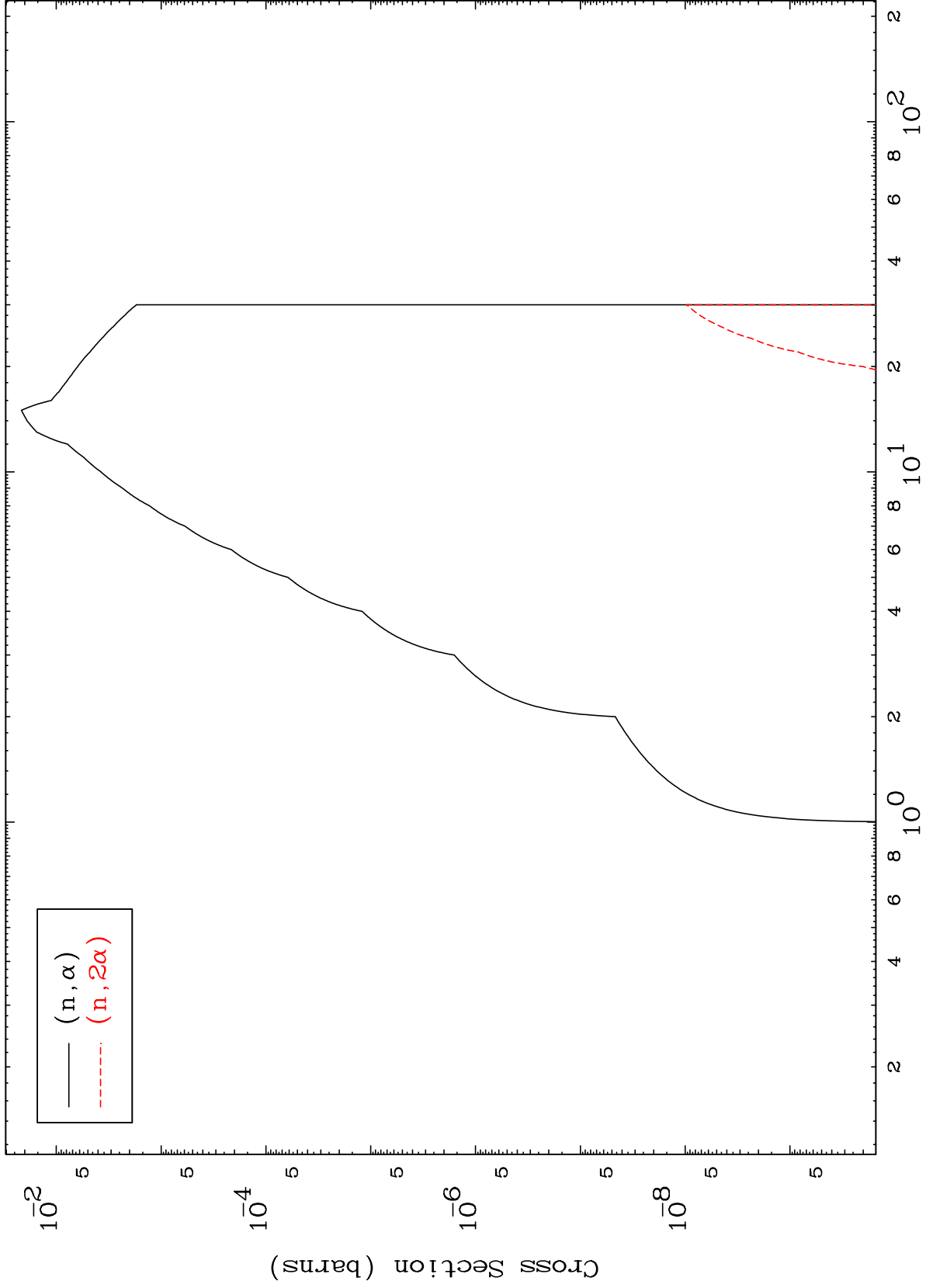
55-Cs-139

MAT 5543

(p, α) Levels

55-Cs-139

0 Kelvin Cross Sections

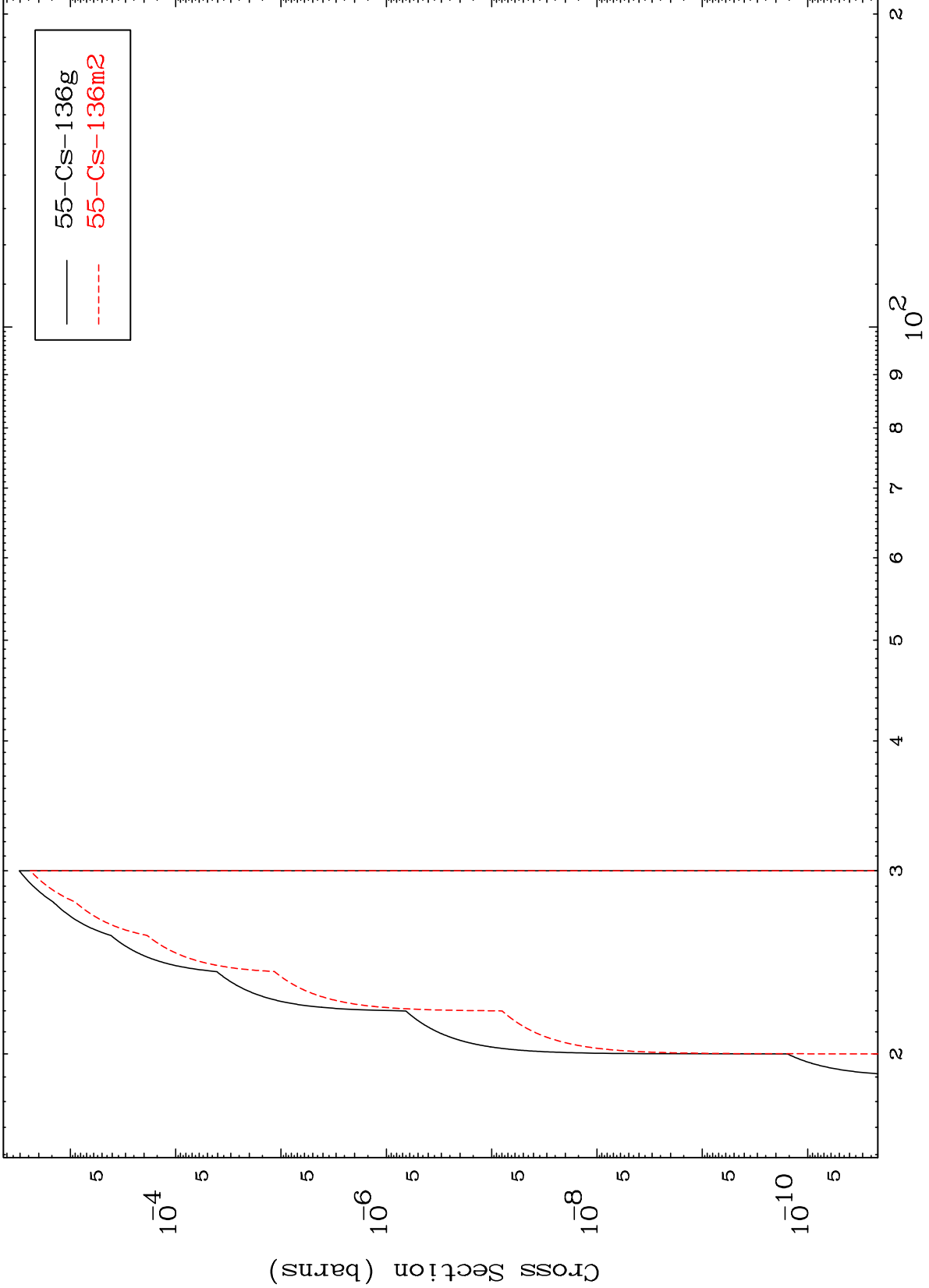


MAT 5543

(n,2n) d

55-Cs-139

Radionuclide Production Cross Section



12

Incident Energy (MeV)

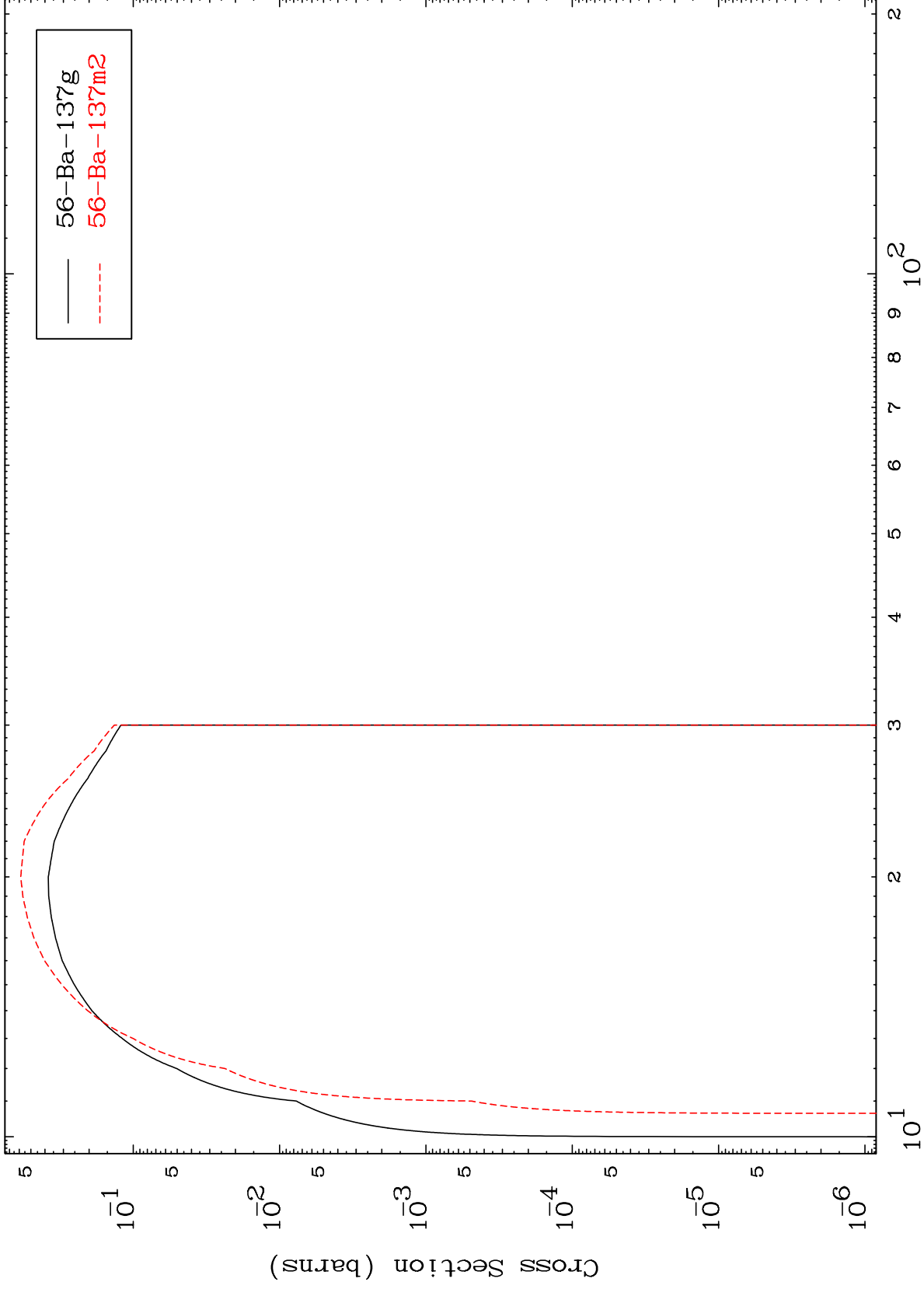
55-Cs-139

MAT 5543

(n,3n)

55-Cs-139

Radionuclide Production Cross Section



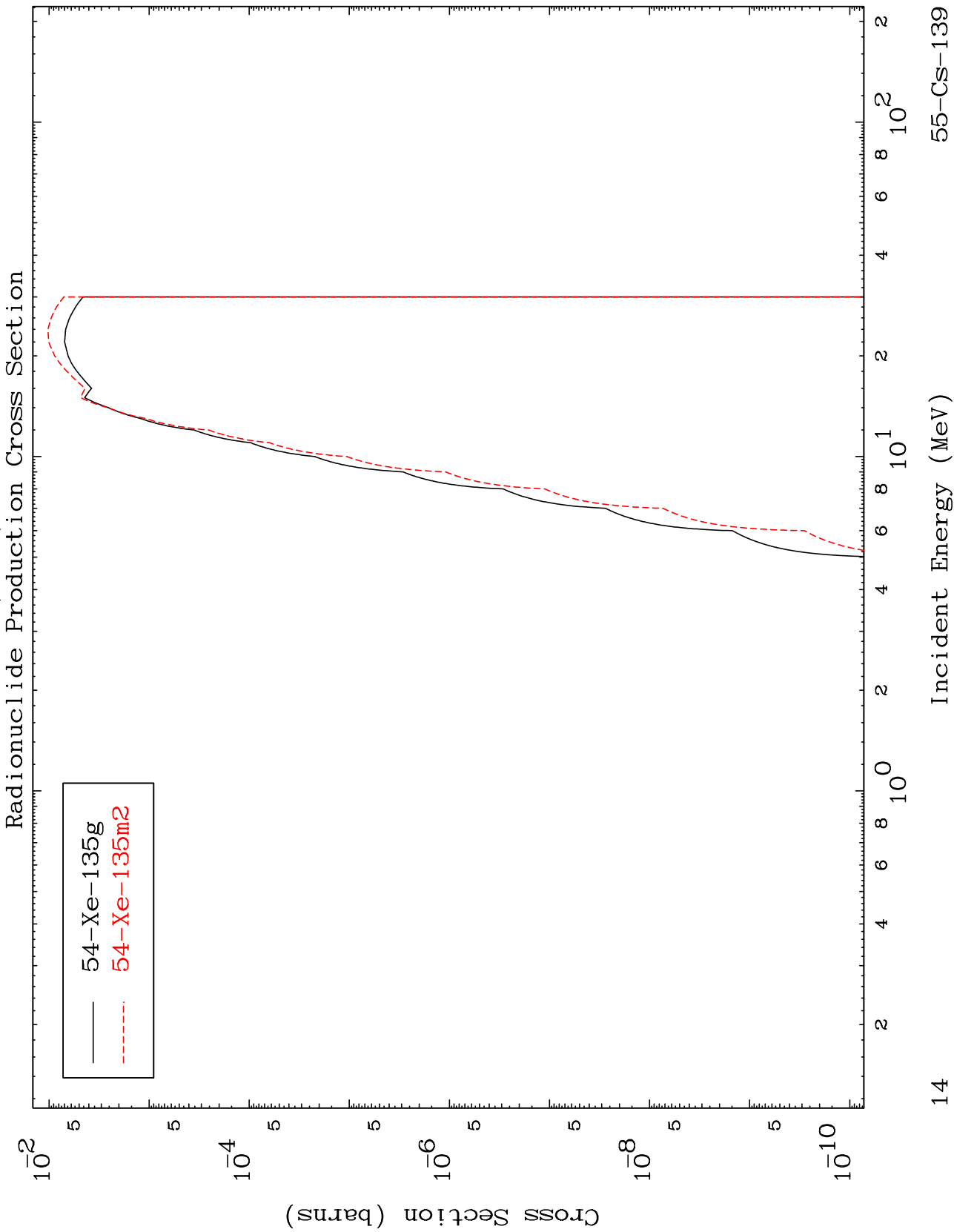
Incident Energy (MeV)

55-Cs-139

MAT 5543

$(n, n') \alpha$

55-Cs-139



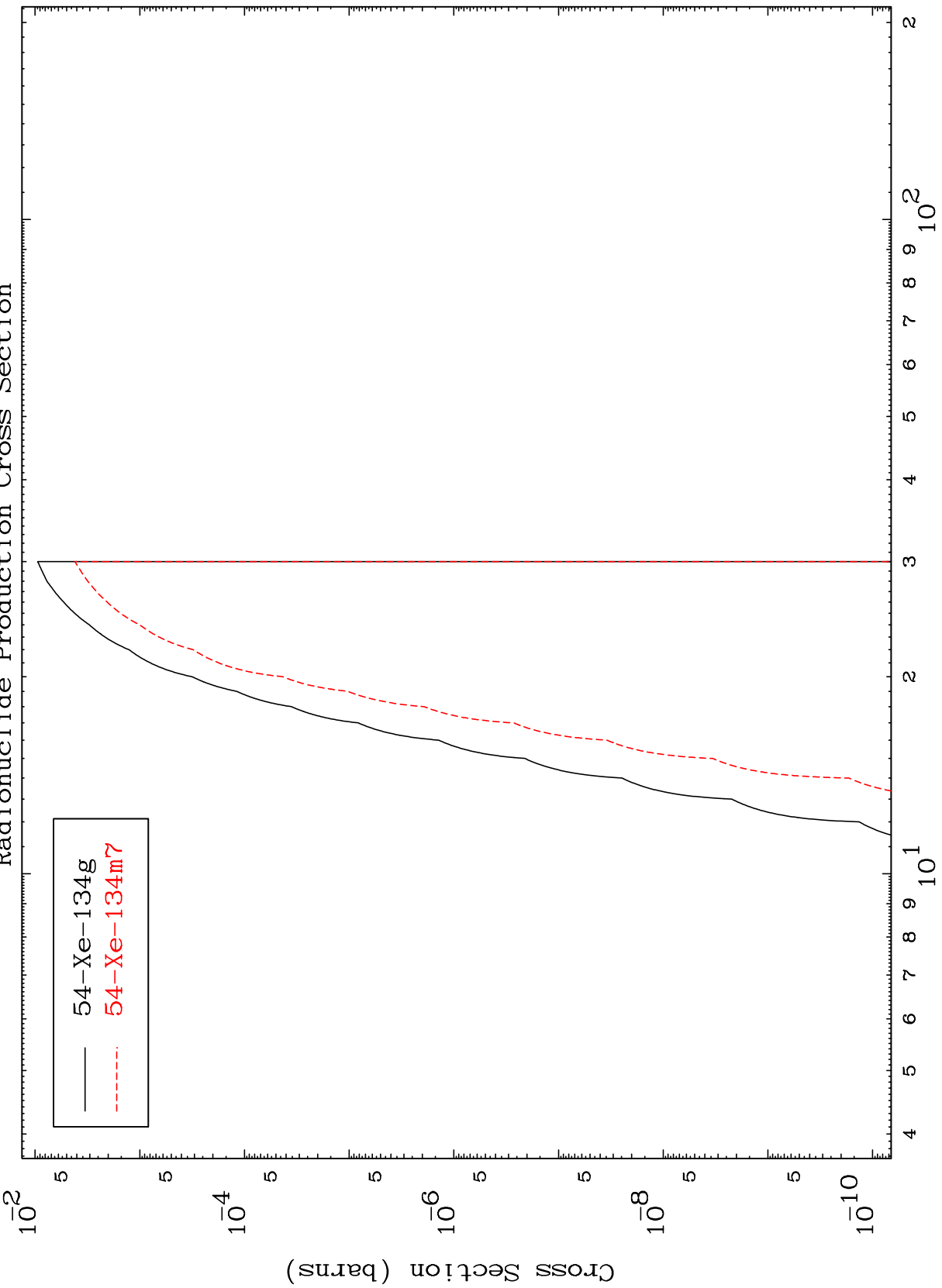
54-Xe-135g
54-Xe-135m2

MAT 5543

(n,2n) α

55-Cs-139

Radionuclide Production Cross Section



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

15

Incident Energy (MeV)

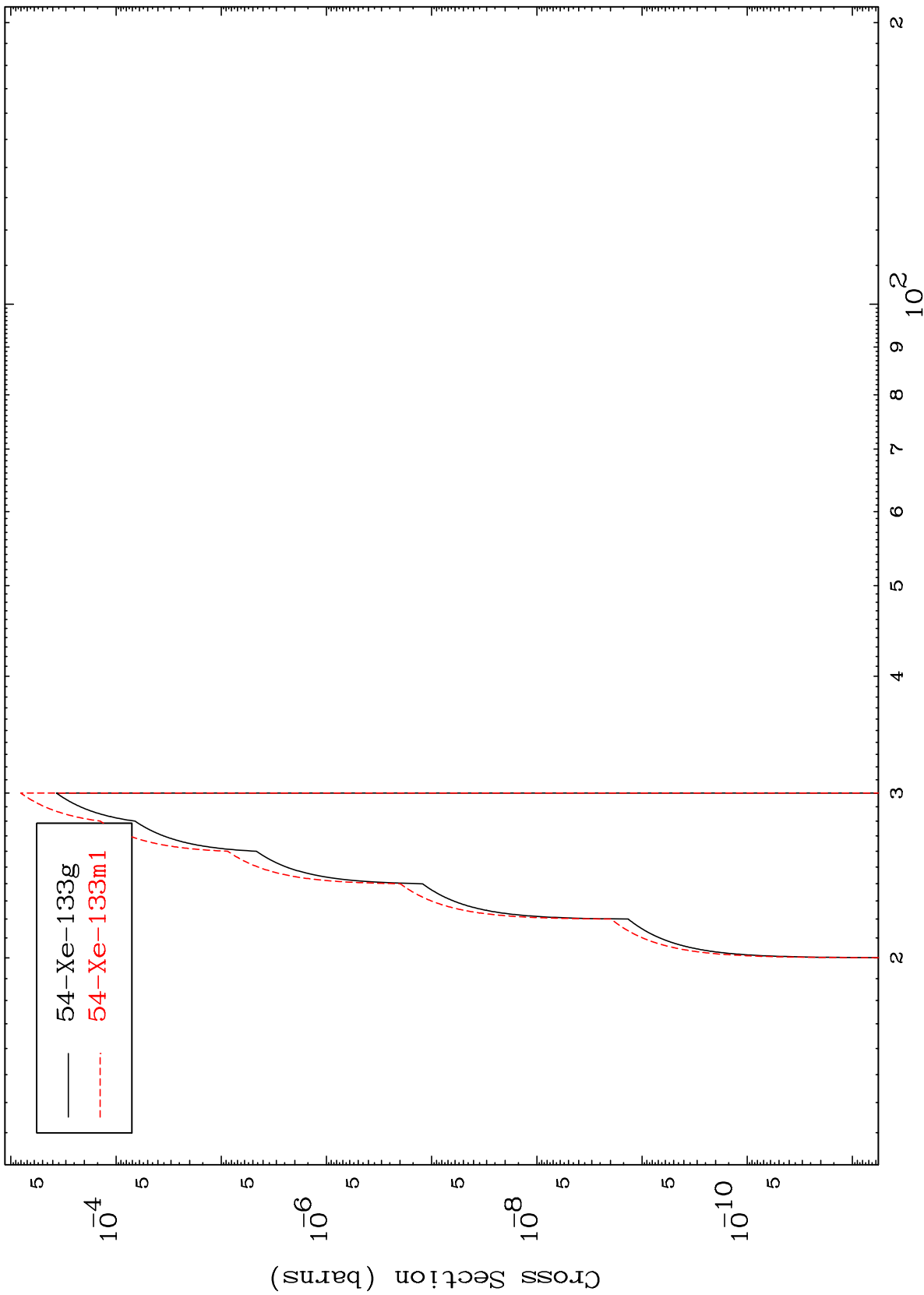
55-Cs-139

MAT 5543

(n,3n) α

55-Cs-139

Radionuclide Production Cross Section

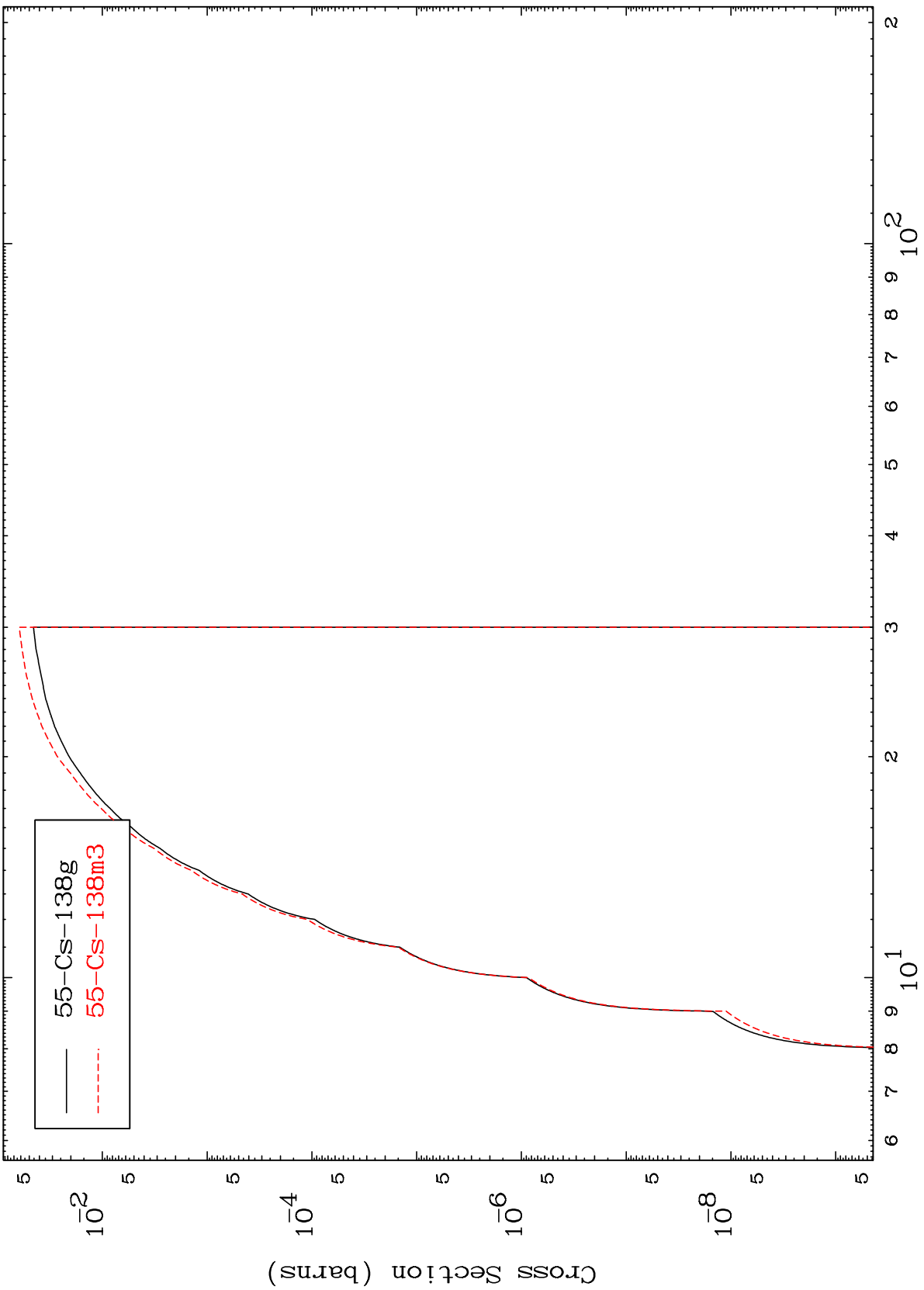


MAT 5543

(n,n') p

55-Cs-139

Radionuclide Production Cross Section



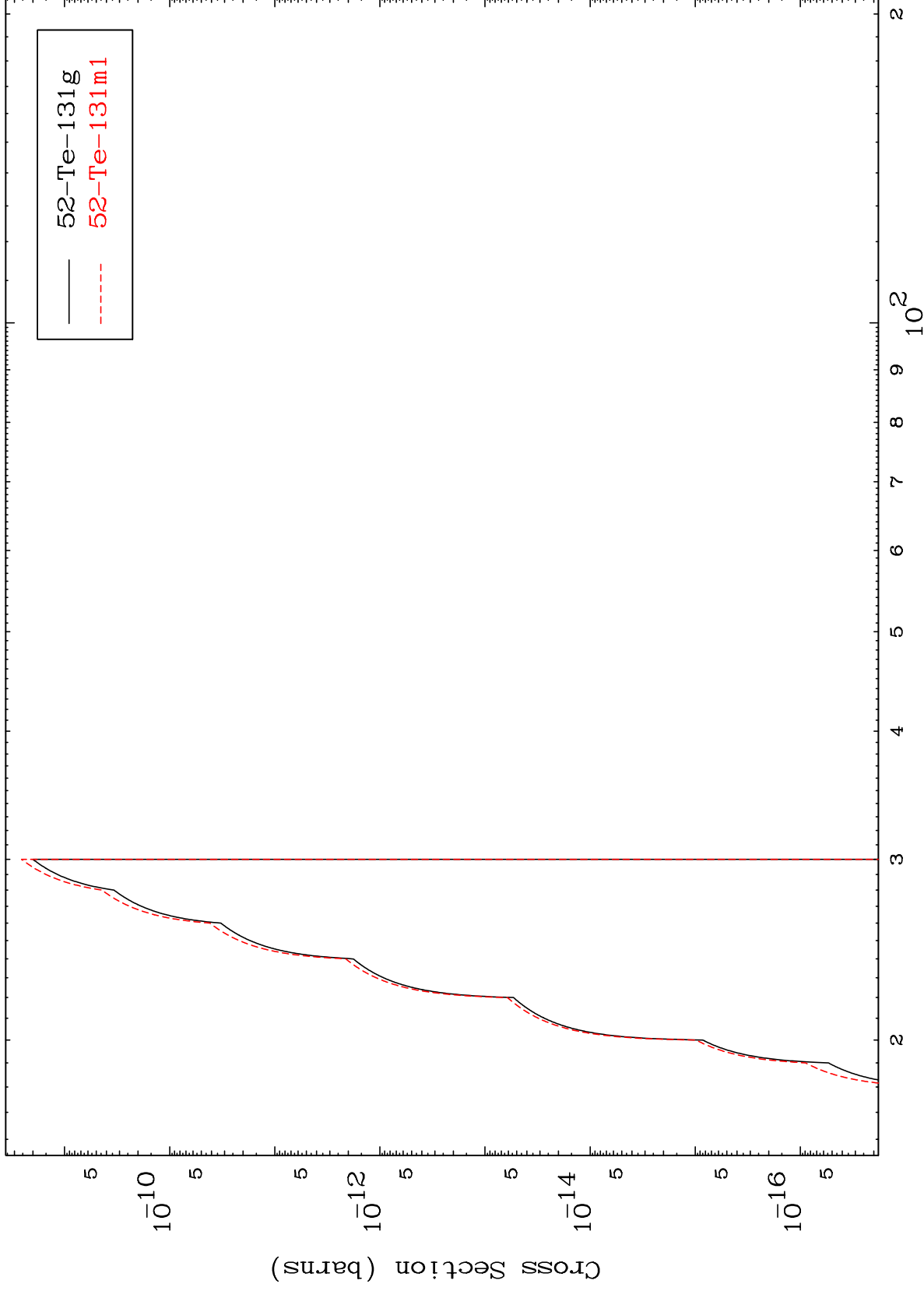
55-Cs-138g
55-Cs-138m3

17

Incident Energy (MeV)

55-Cs-139

Radionuclide Production Cross Section

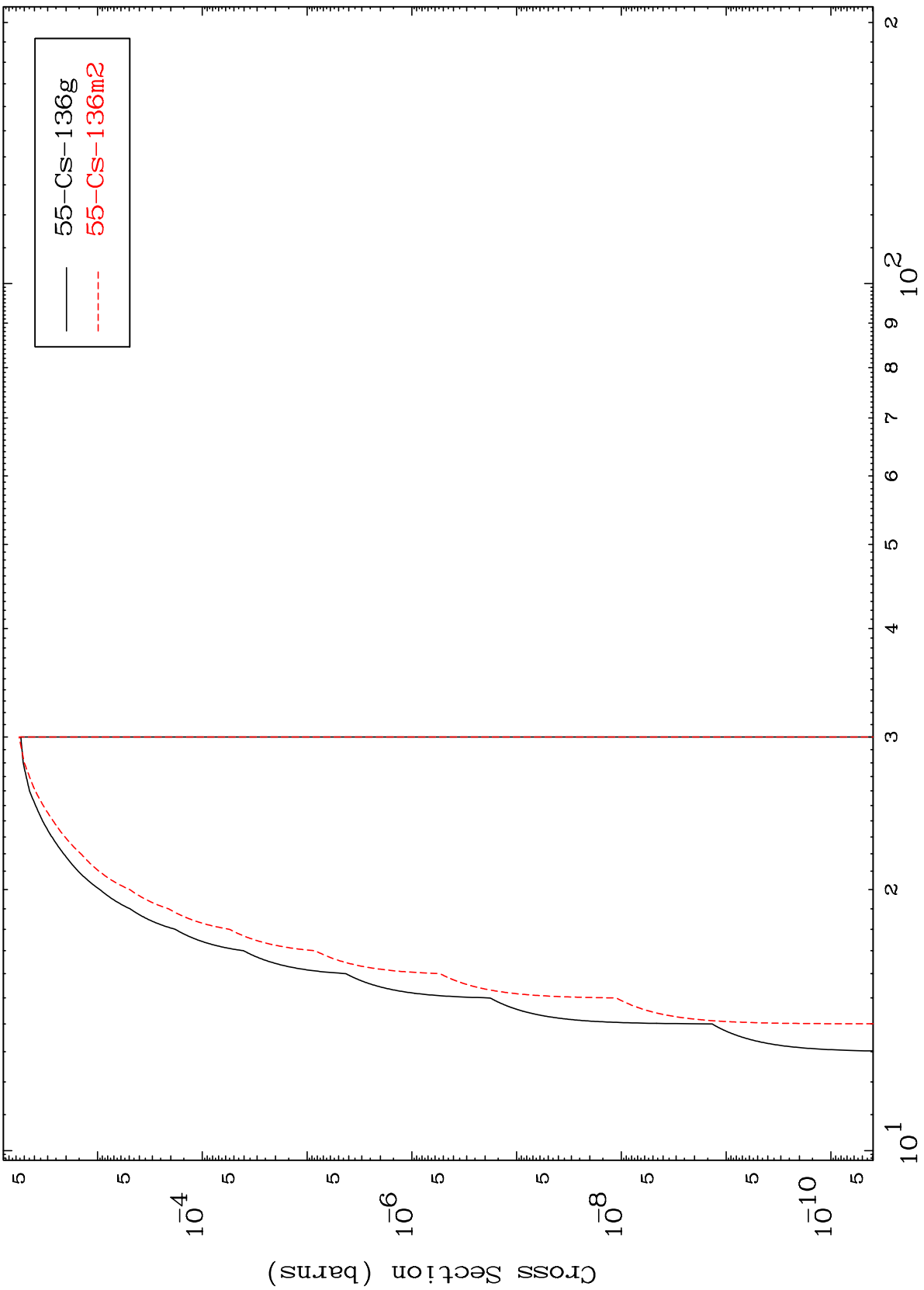


MAT 5543

(n,n') t

55-Cs-139

Radionuclide Production Cross Section



19

Incident Energy (MeV)

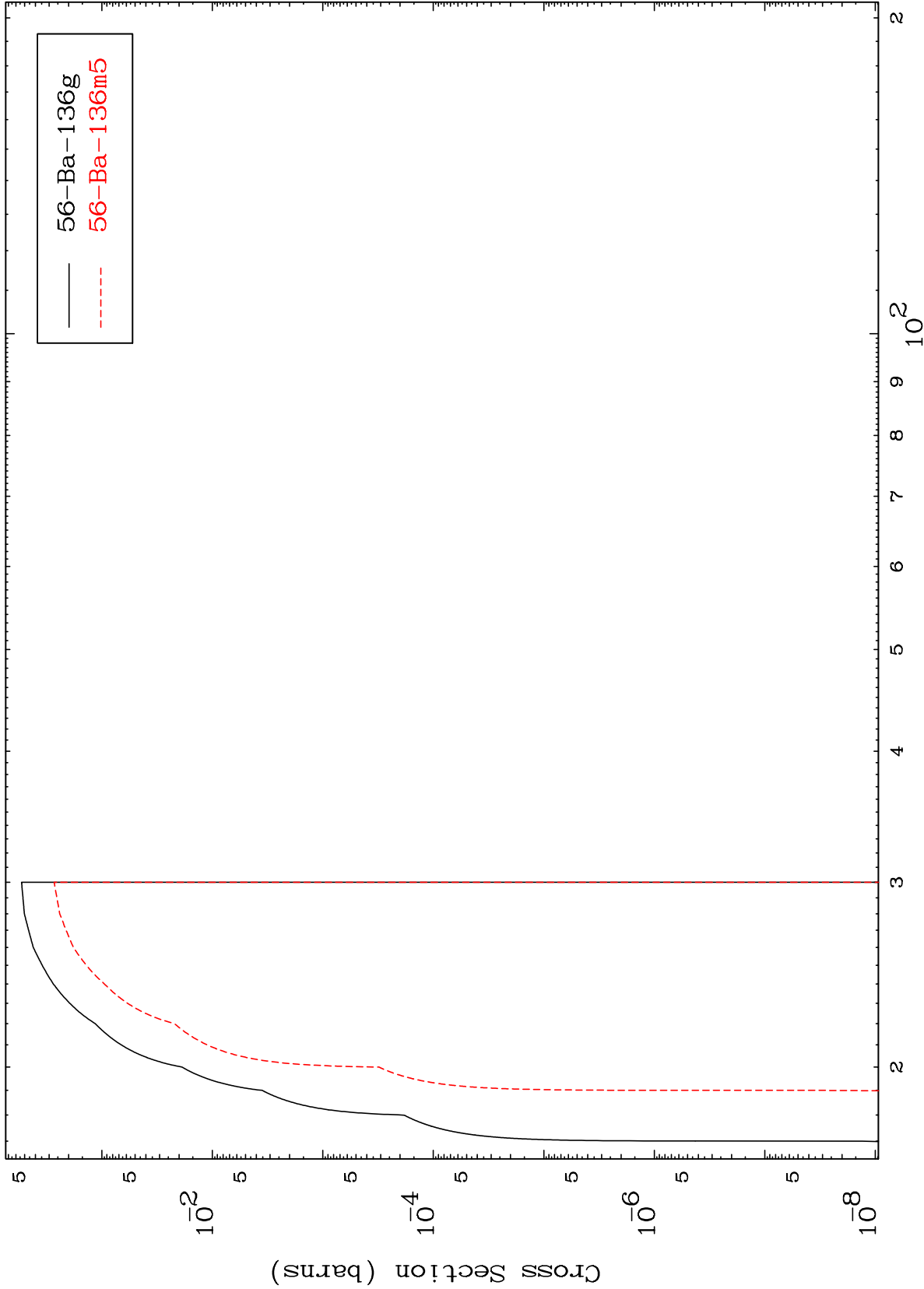
55-Cs-139

MAT 5543

(n,4n)

55-Cs-139

Radionuclide Production Cross Section



20

Incident Energy (MeV)

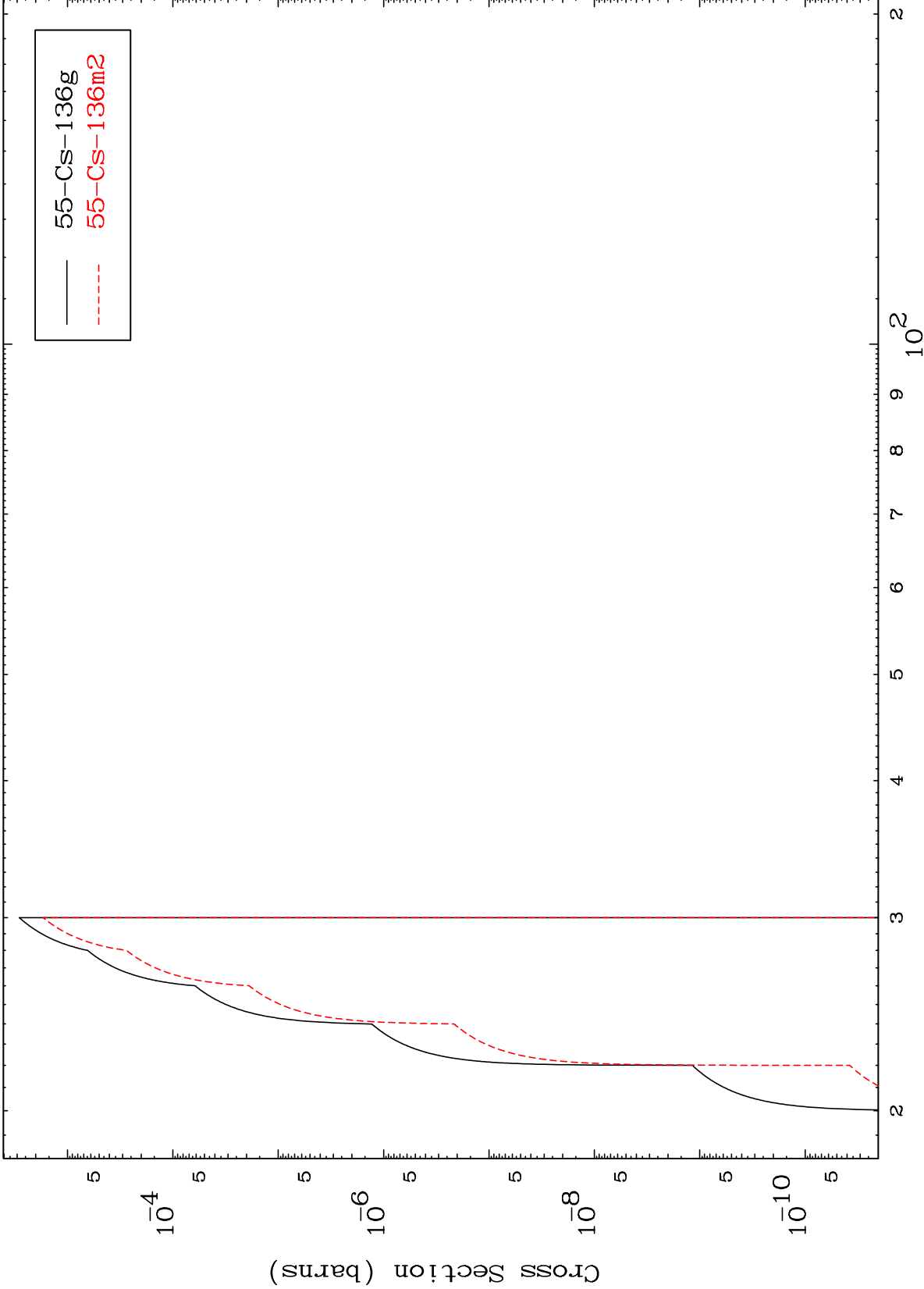
55-Cs-139

MAT 5543

(n,3n) p

55-Cs-139

Radionuclide Production Cross Section

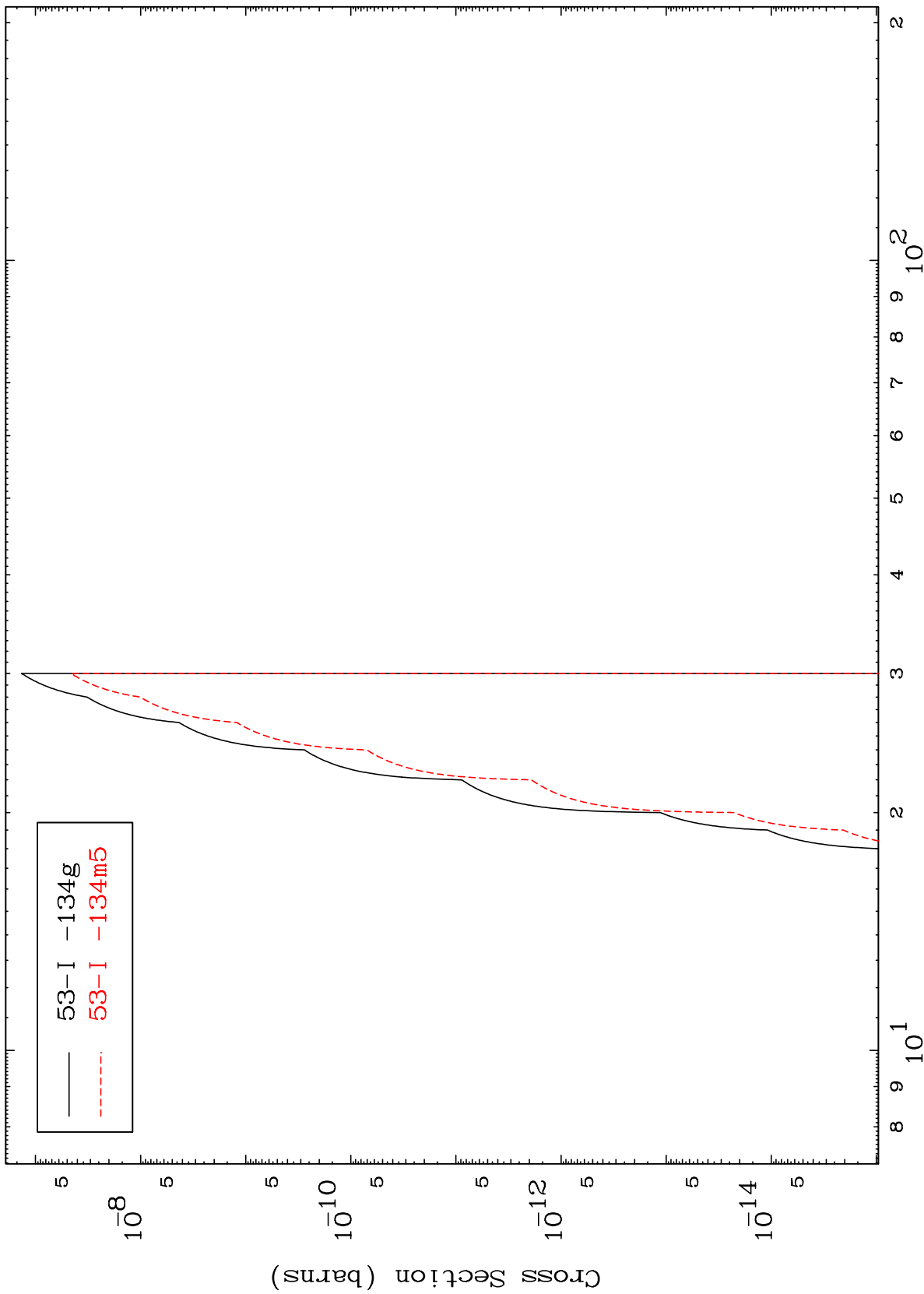


MAT 5543

(n,n') p α

55-Cs-139

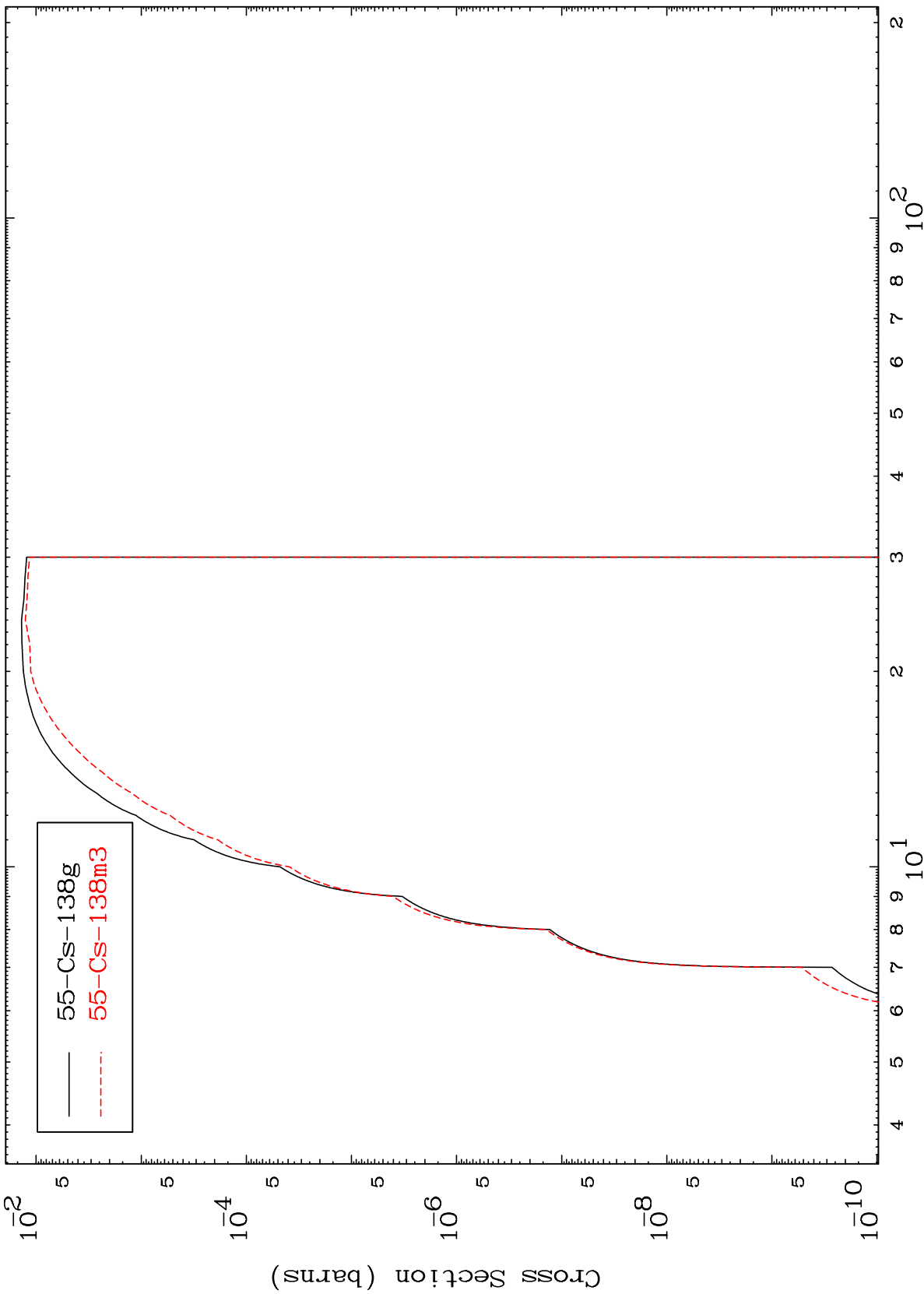
Radionuclide Production Cross Section



MAT 5543

55-Cs-139

(n,d)
Radionuclide Production Cross Section



23

55-Cs-139

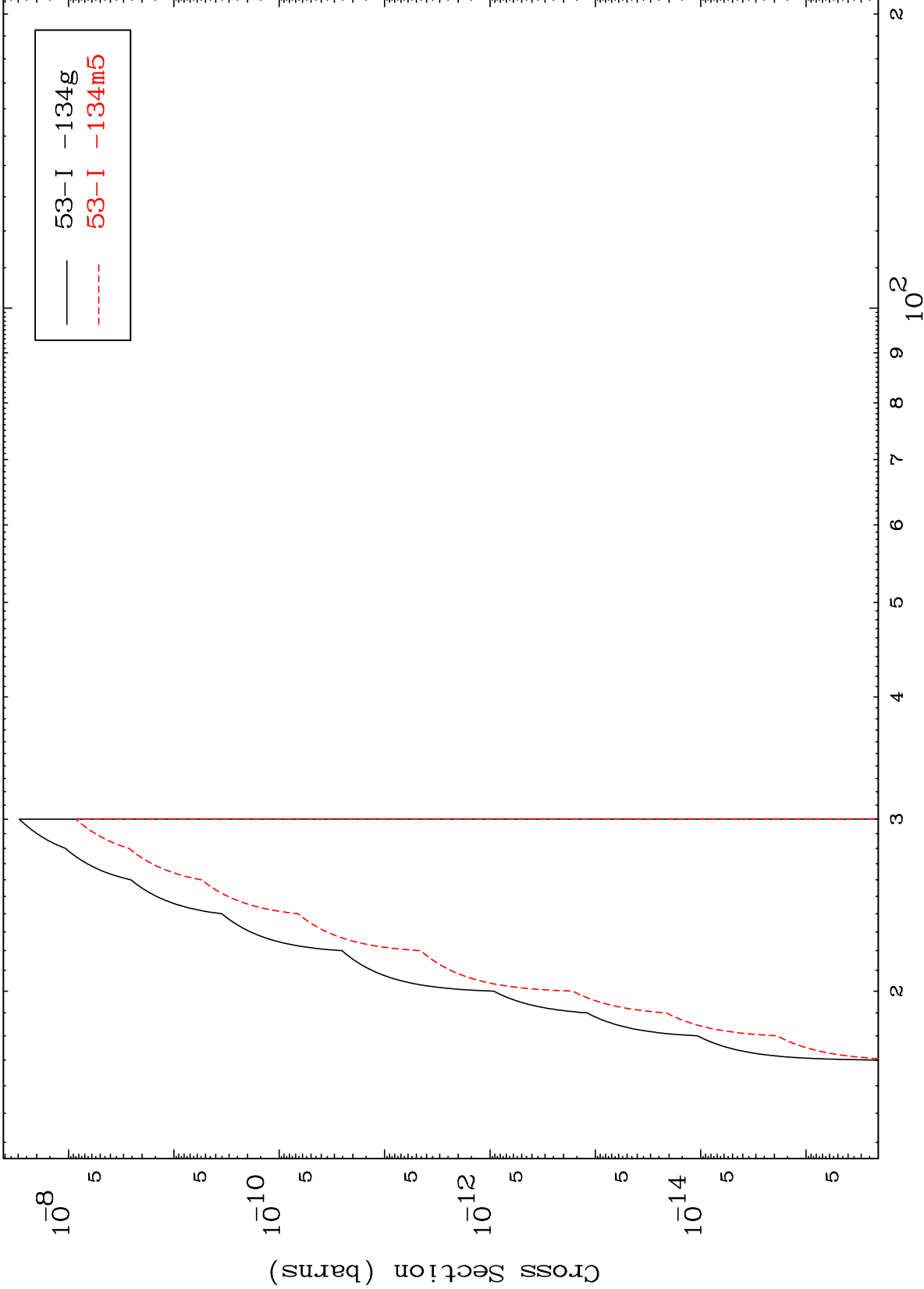
Incident Energy (MeV)

MAT 5543

(n,d) α

55-Cs-139

Radionuclide Production Cross Section



53-I - 134g
53-I - 134m5

24

Incident Energy (MeV)

55-Cs-139