

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

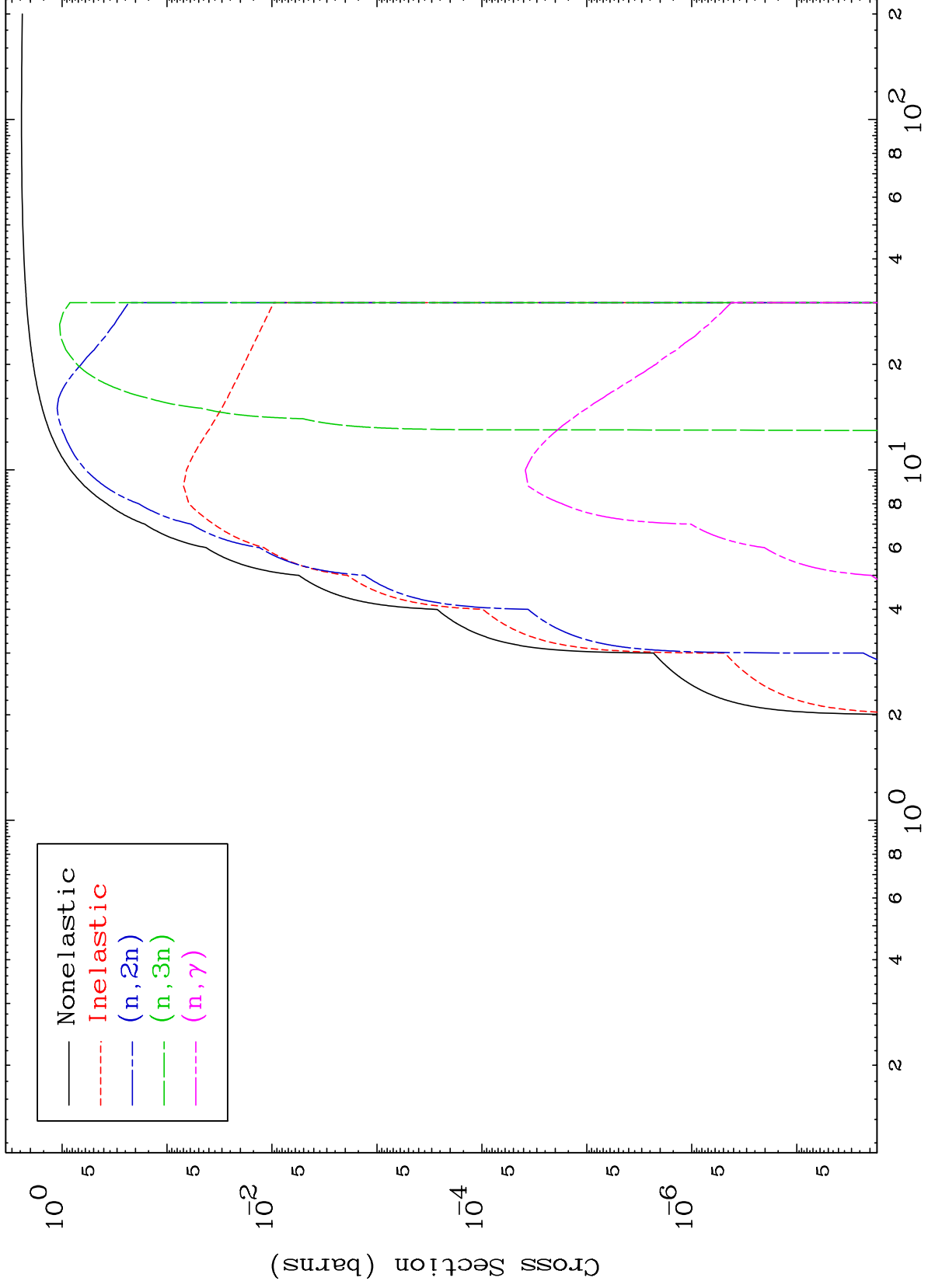
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5517

Deuteron Major
0 Kelvin Cross Sections

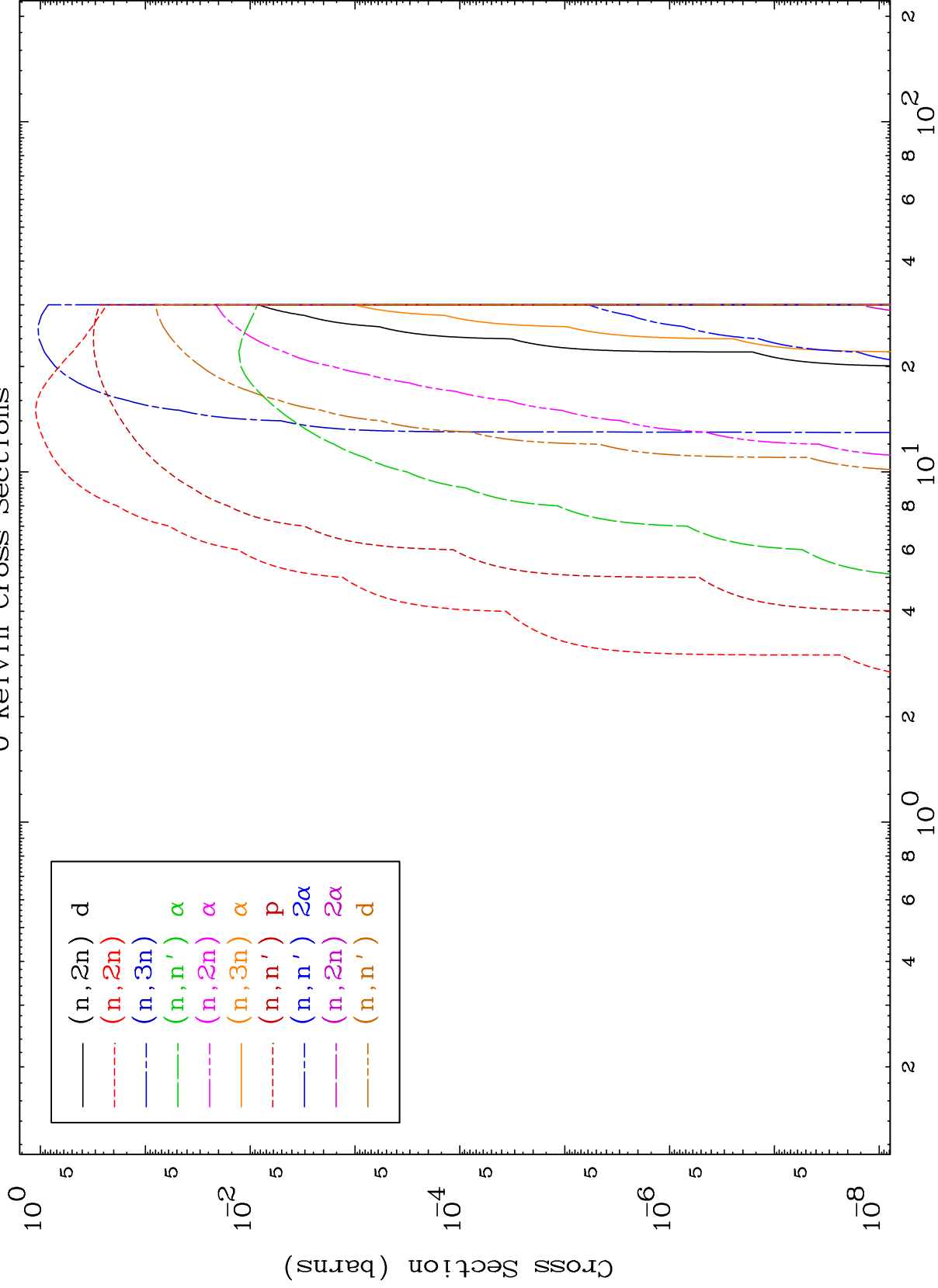
55-Cs-130m



MAT 5517

Deuteron Neutron Absorption
0 Kelvin Cross Sections

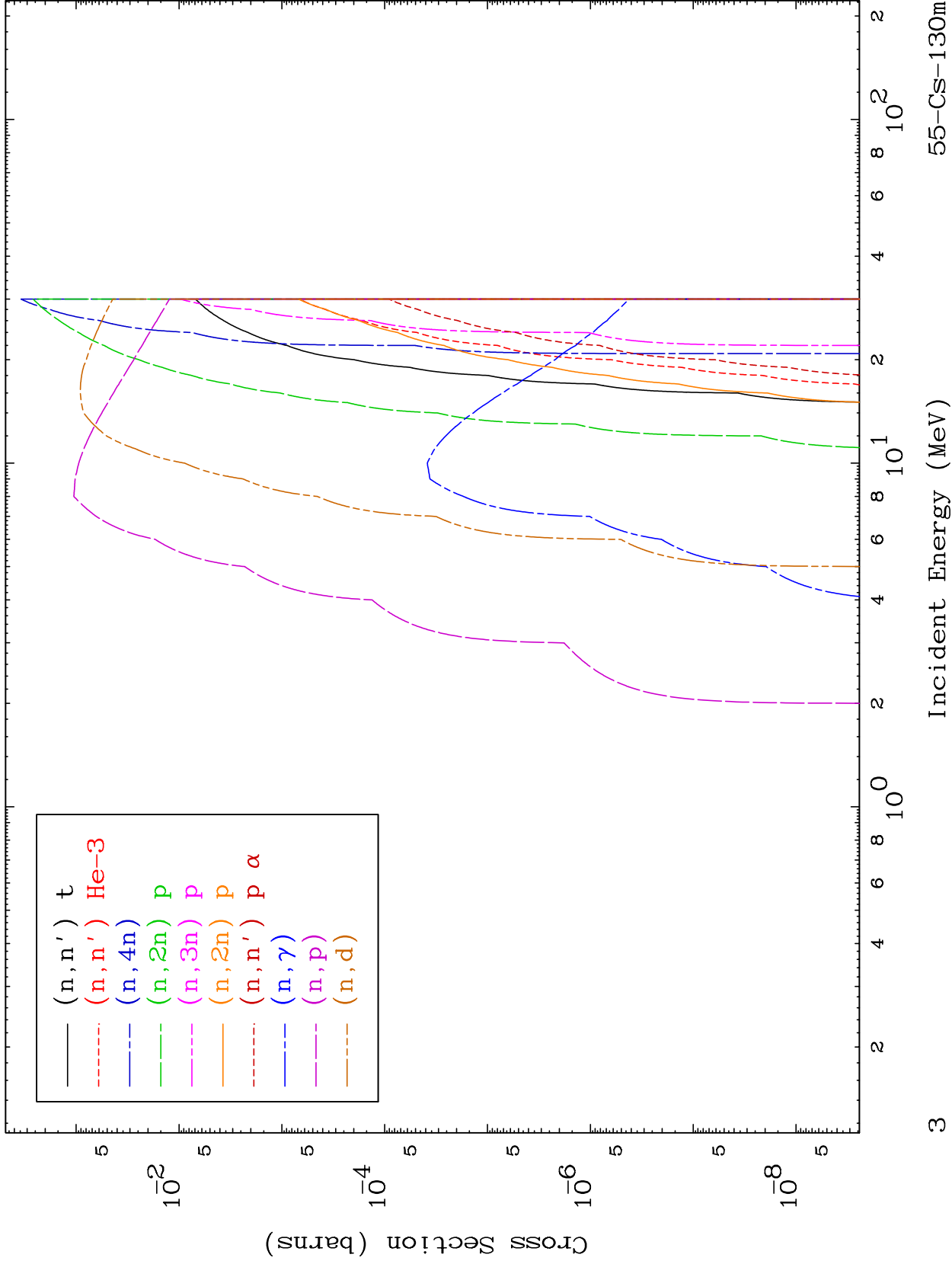
55-Cs-130m



MAT 5517

Deuteron Neutron Absorption
0 Kelvin Cross Sections

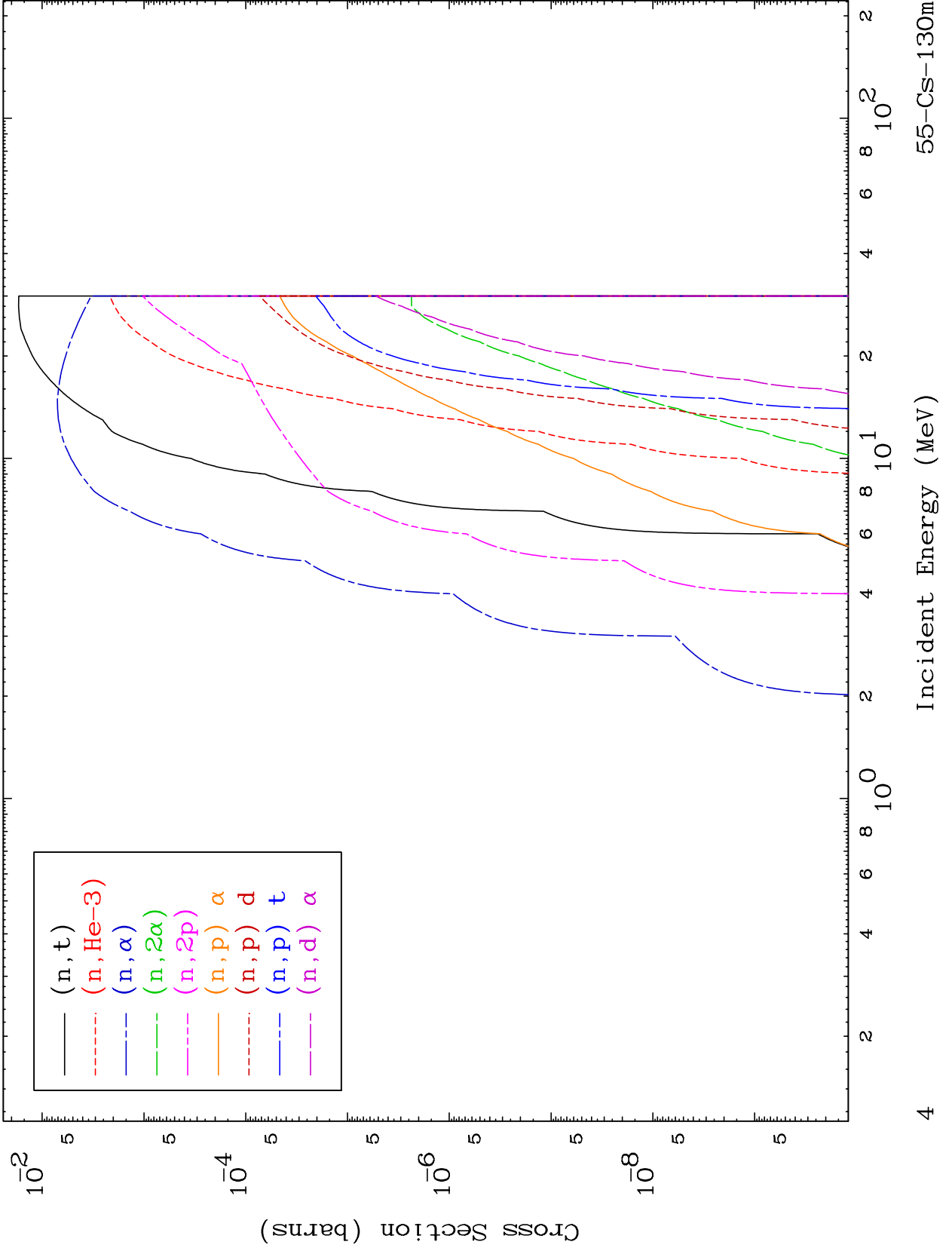
55-Cs-130m



MAT 5517

Deuteron Neutron Absorption
0 Kelvin Cross Sections

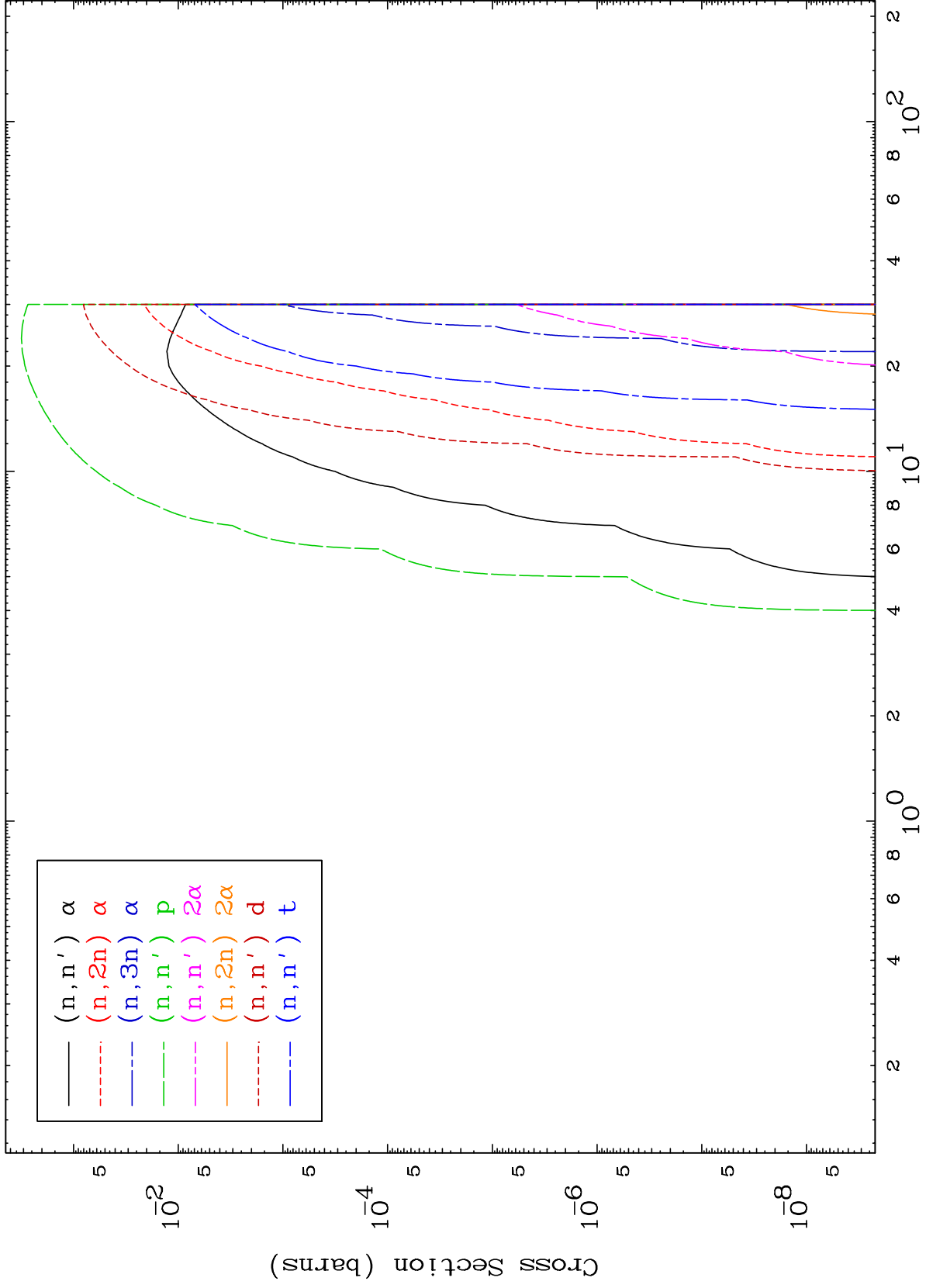
55-Cs-130m



MAT 5517

Deuteron Charged Particle
0 Kelvin Cross Sections

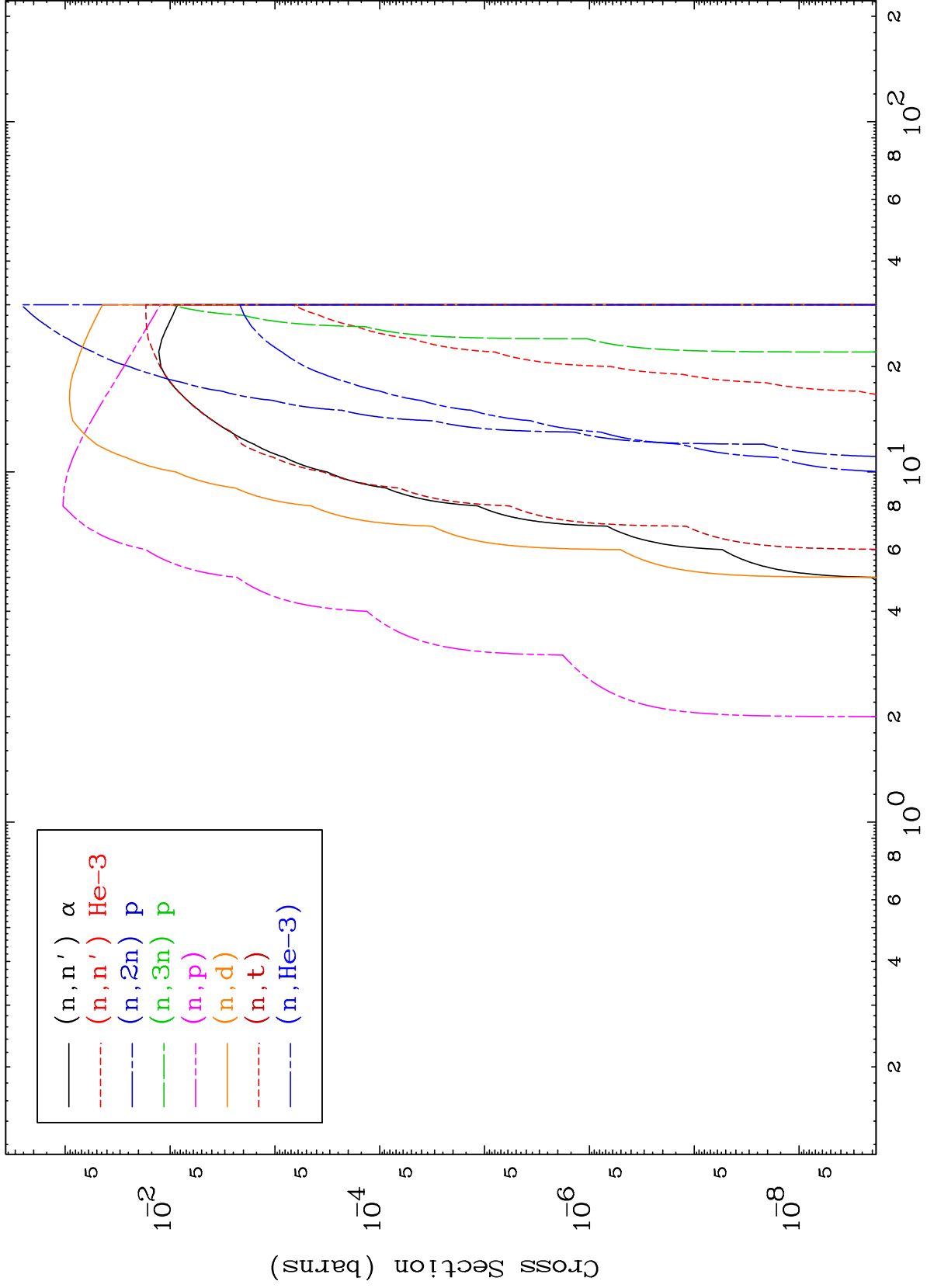
55-Cs-130m



MAT 5517

Deuteron Charged Particle
0 Kelvin Cross Sections

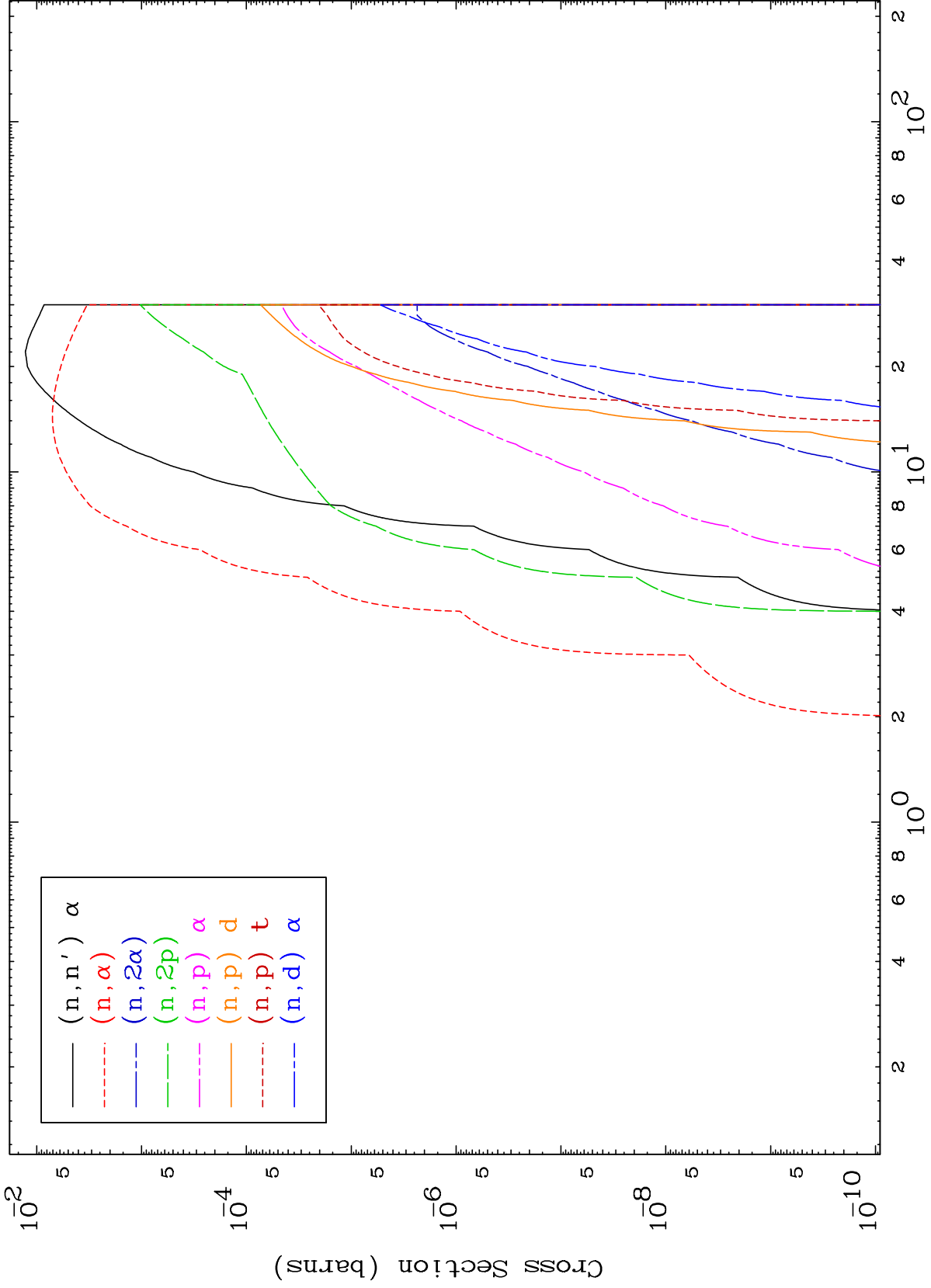
55-Cs-130m



MAT 5517

Deuteron Charged Particle
0 Kelvin Cross Sections

55-Cs-130m

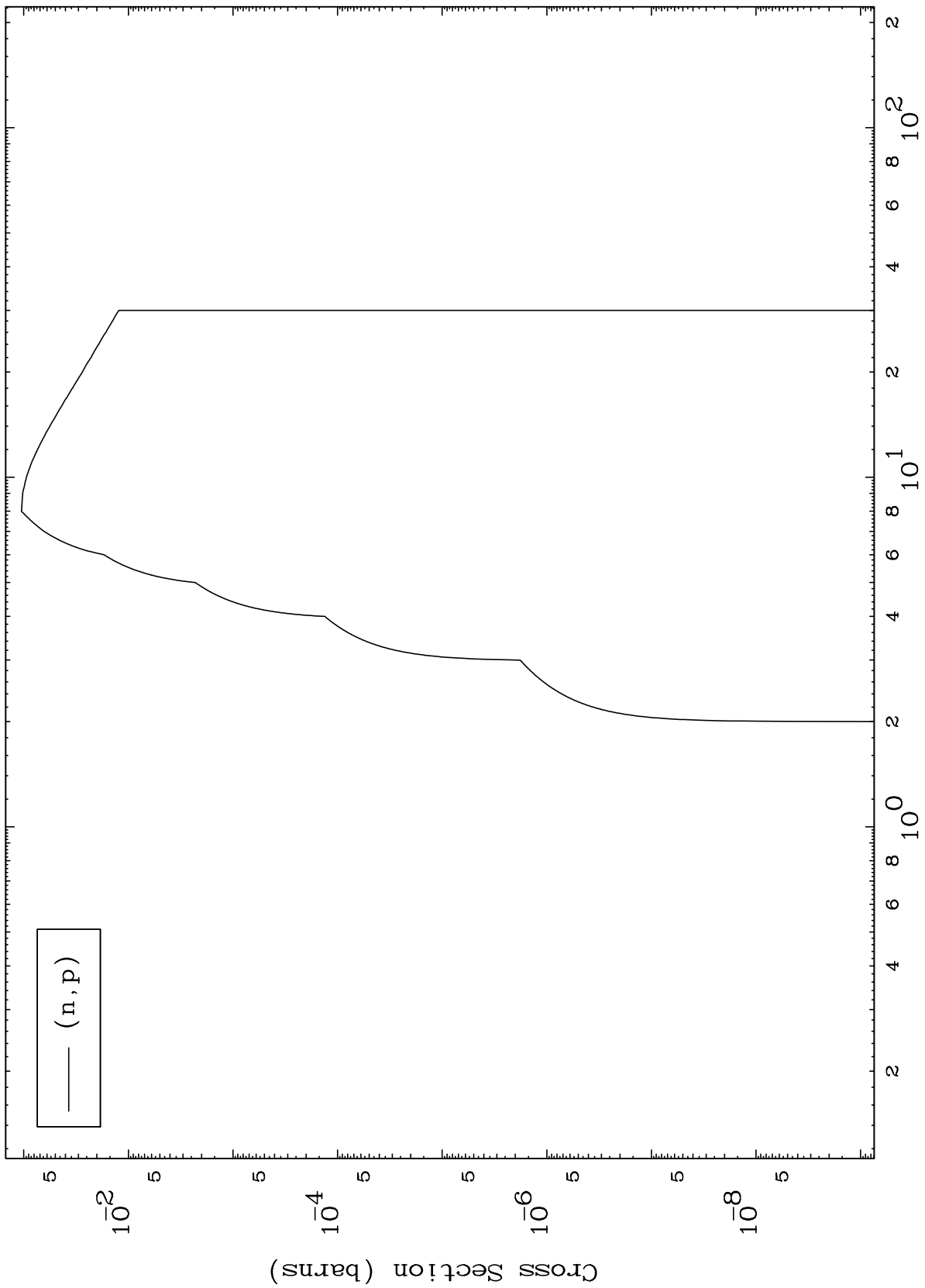


MAT 5517

(d,p) Levels

55-Cs-130m

0 Kelvin Cross Sections

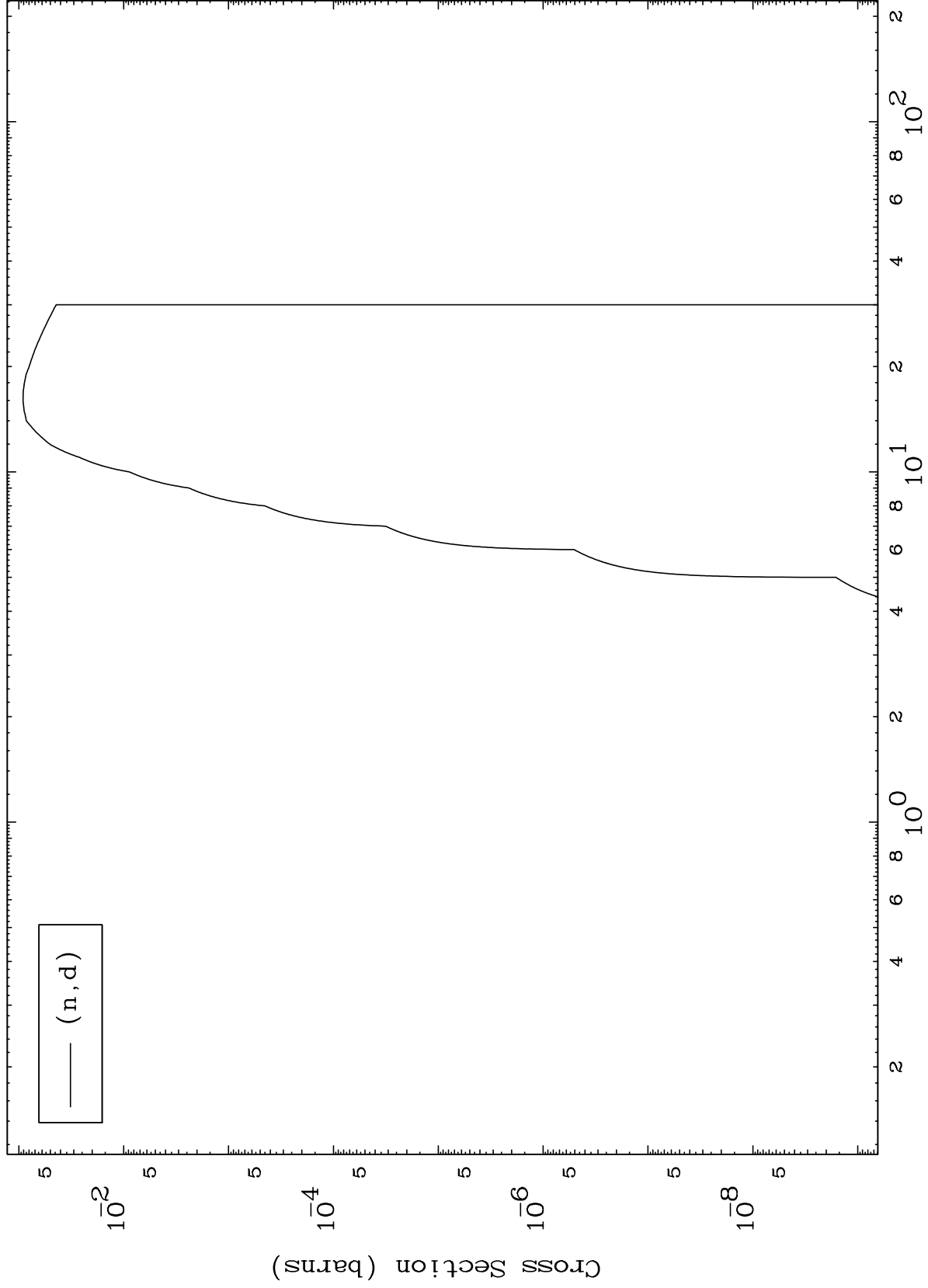


MAT 5517

(d,d) Levels

55-Cs-130m

0 Kelvin Cross Sections

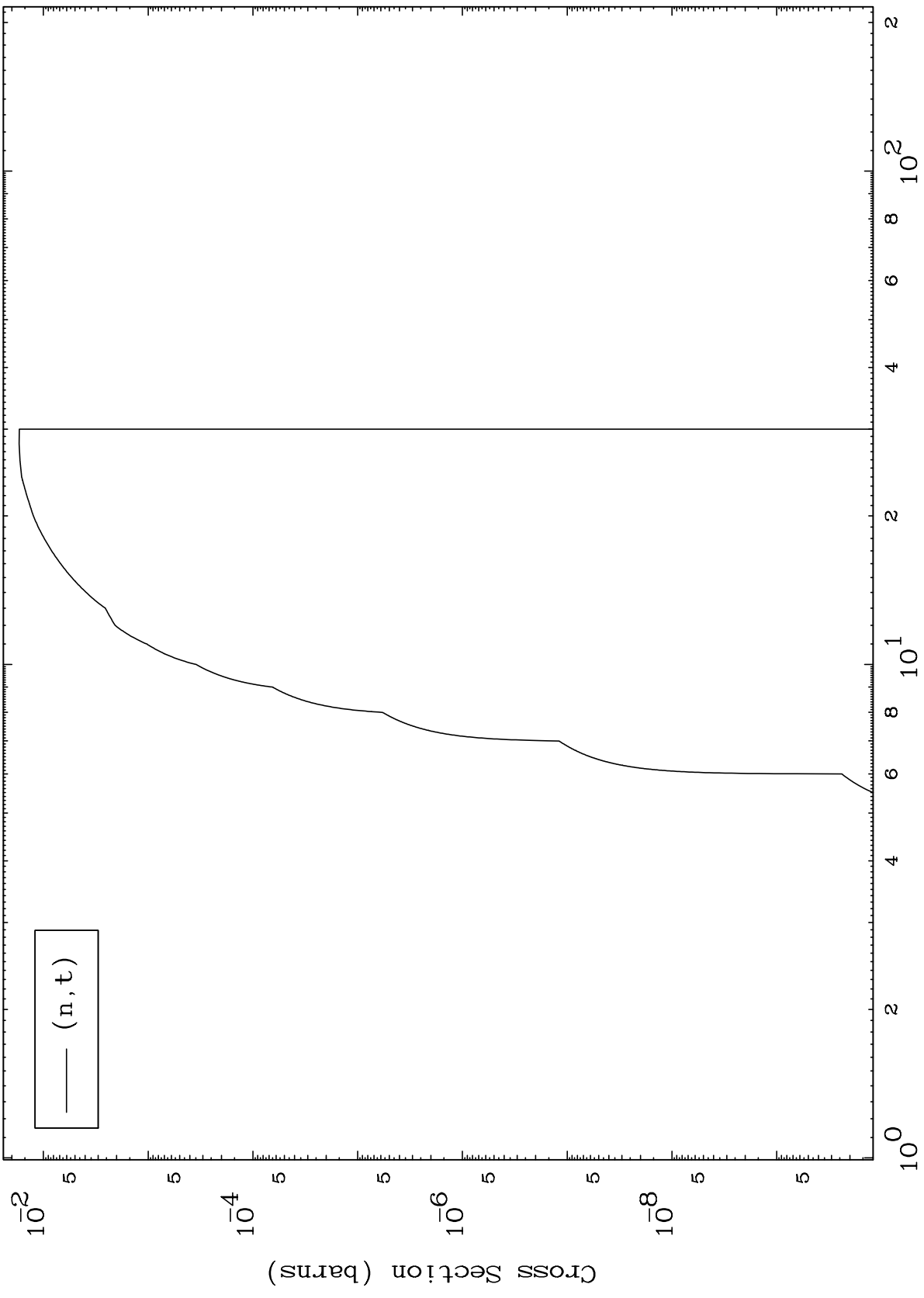


MAT 5517

(d, t) Levels

55-Cs-130m

0 Kelvin Cross Sections



(n, t)

Incident Energy (MeV)

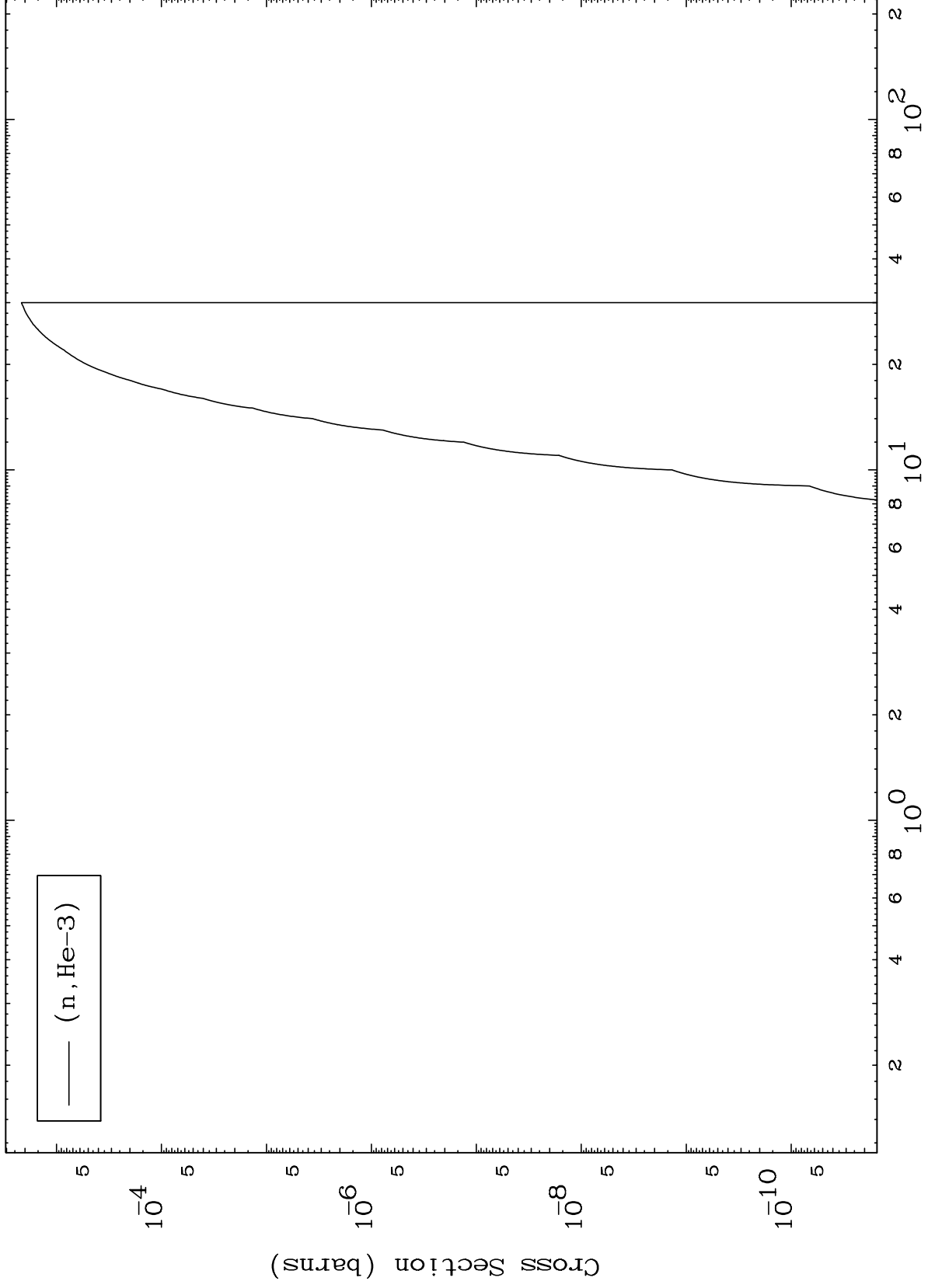
55-Cs-130m

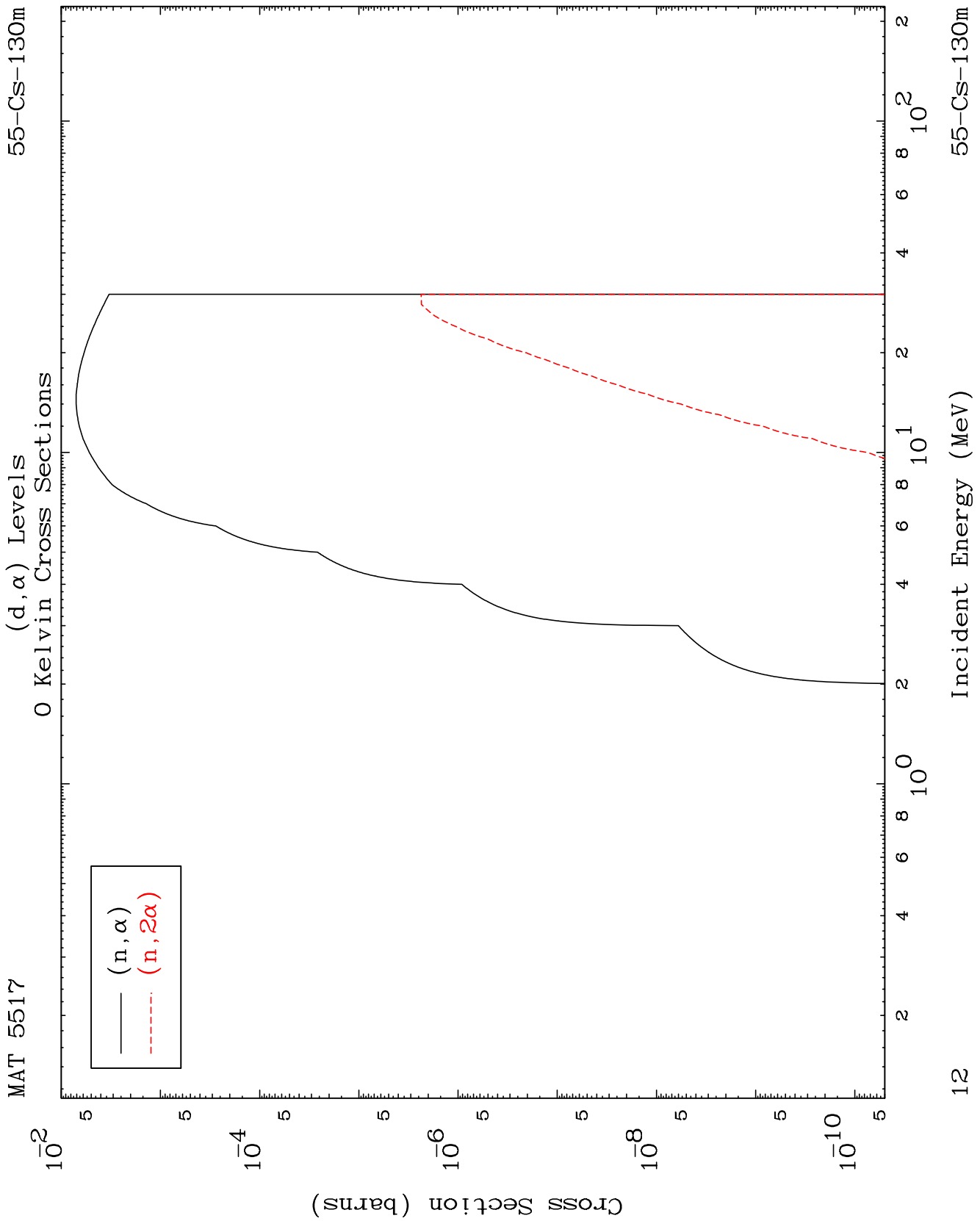
MAT 5517

(d,He3) Levels

55-Cs-130m

0 Kelvin Cross Sections

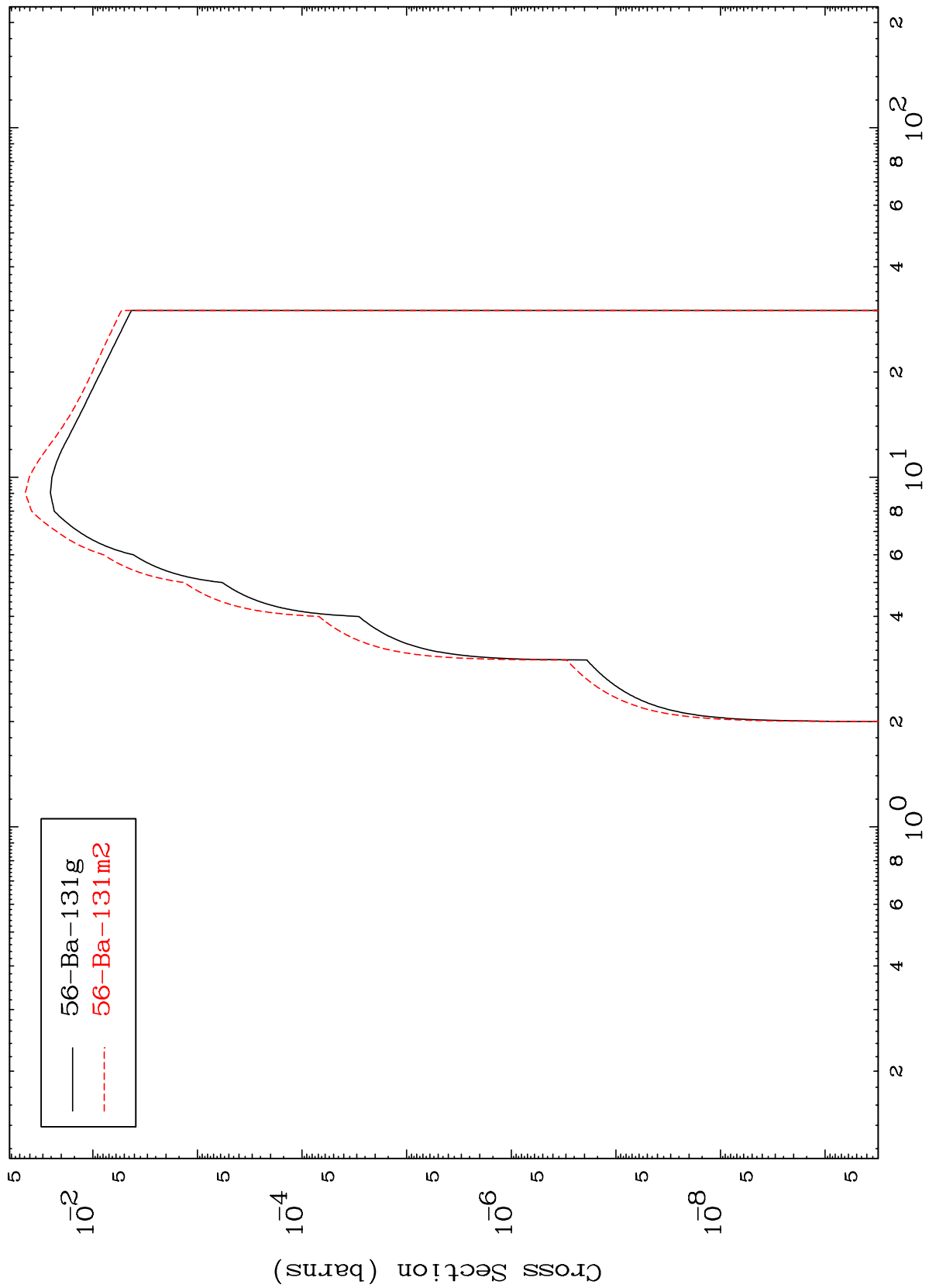




MAT 5517

55-Cs-130m

Inelastic
Radionuclide Production Cross Section

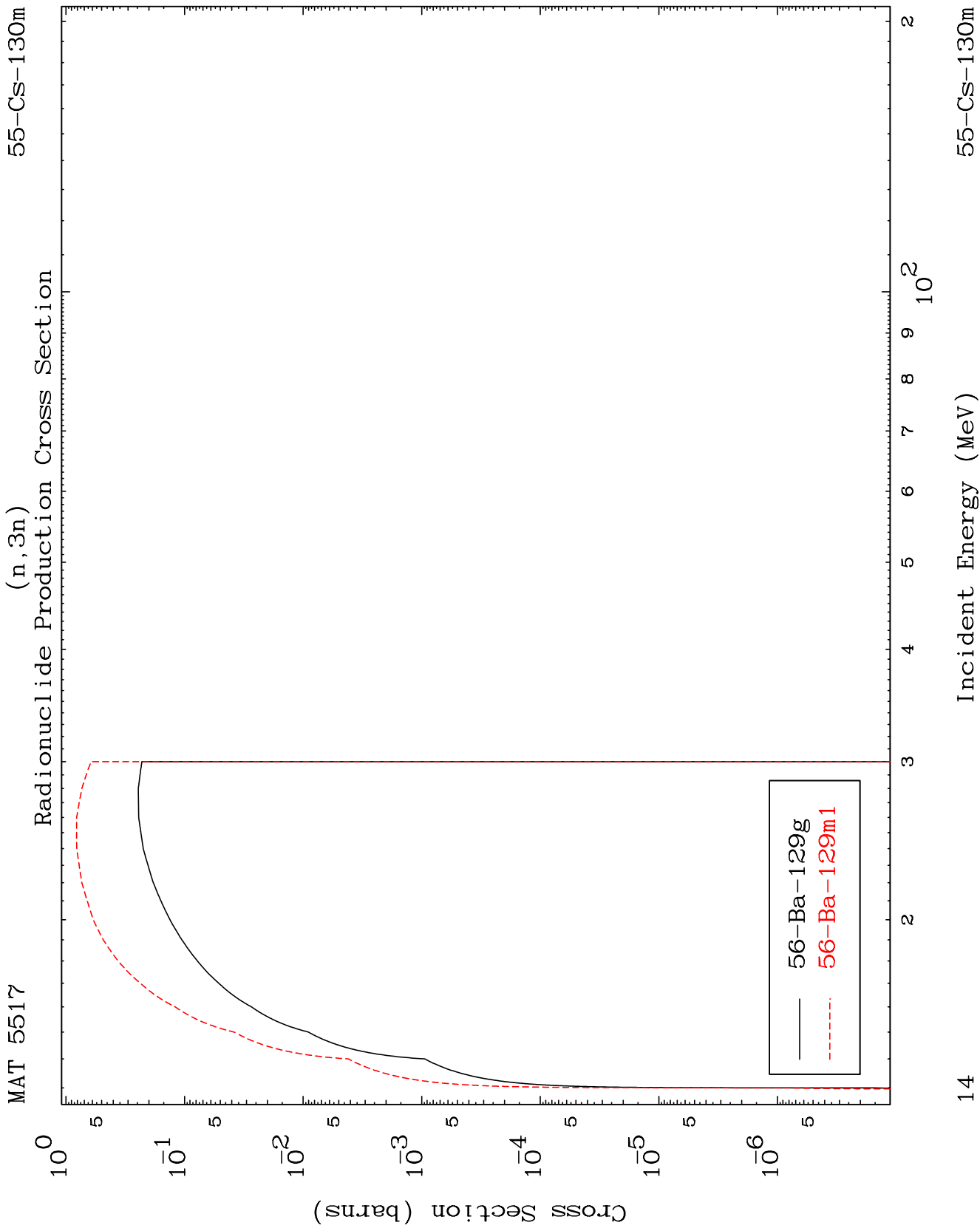


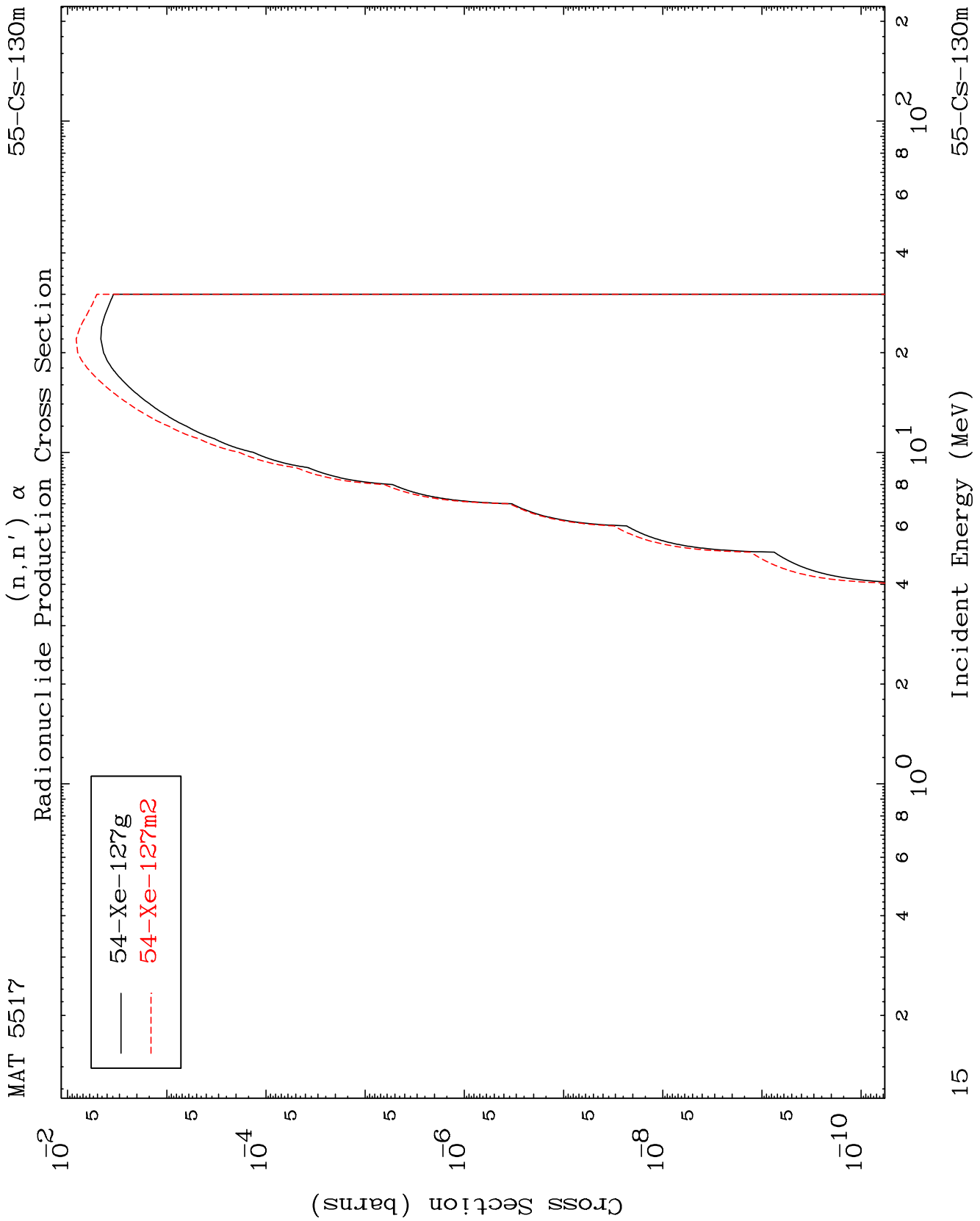
56-Ba-131g
56-Ba-131m2

55-Cs-130m

Incident Energy (MeV)

13



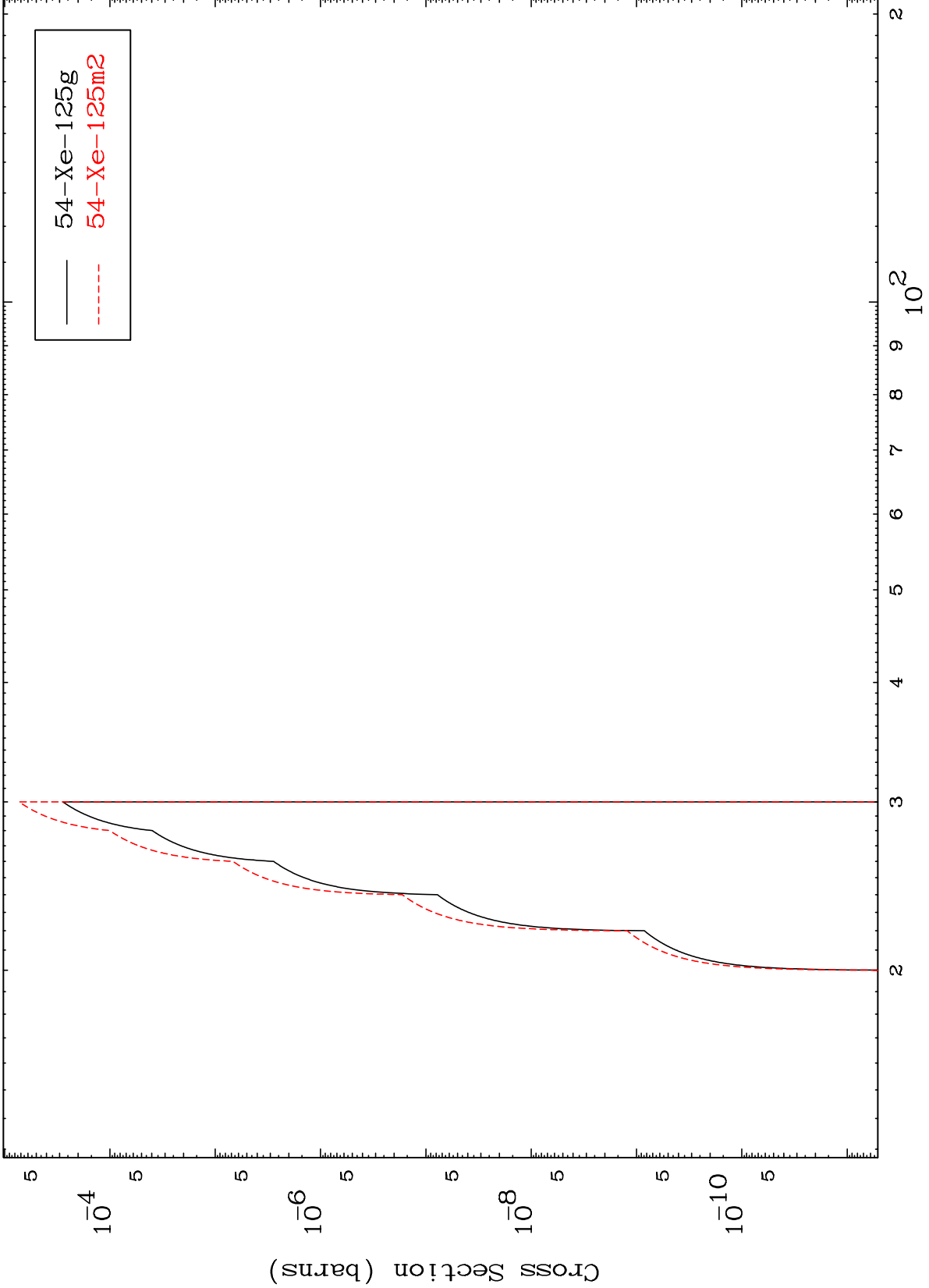


MAT 5517

(n,3n) α

55-Cs-130m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

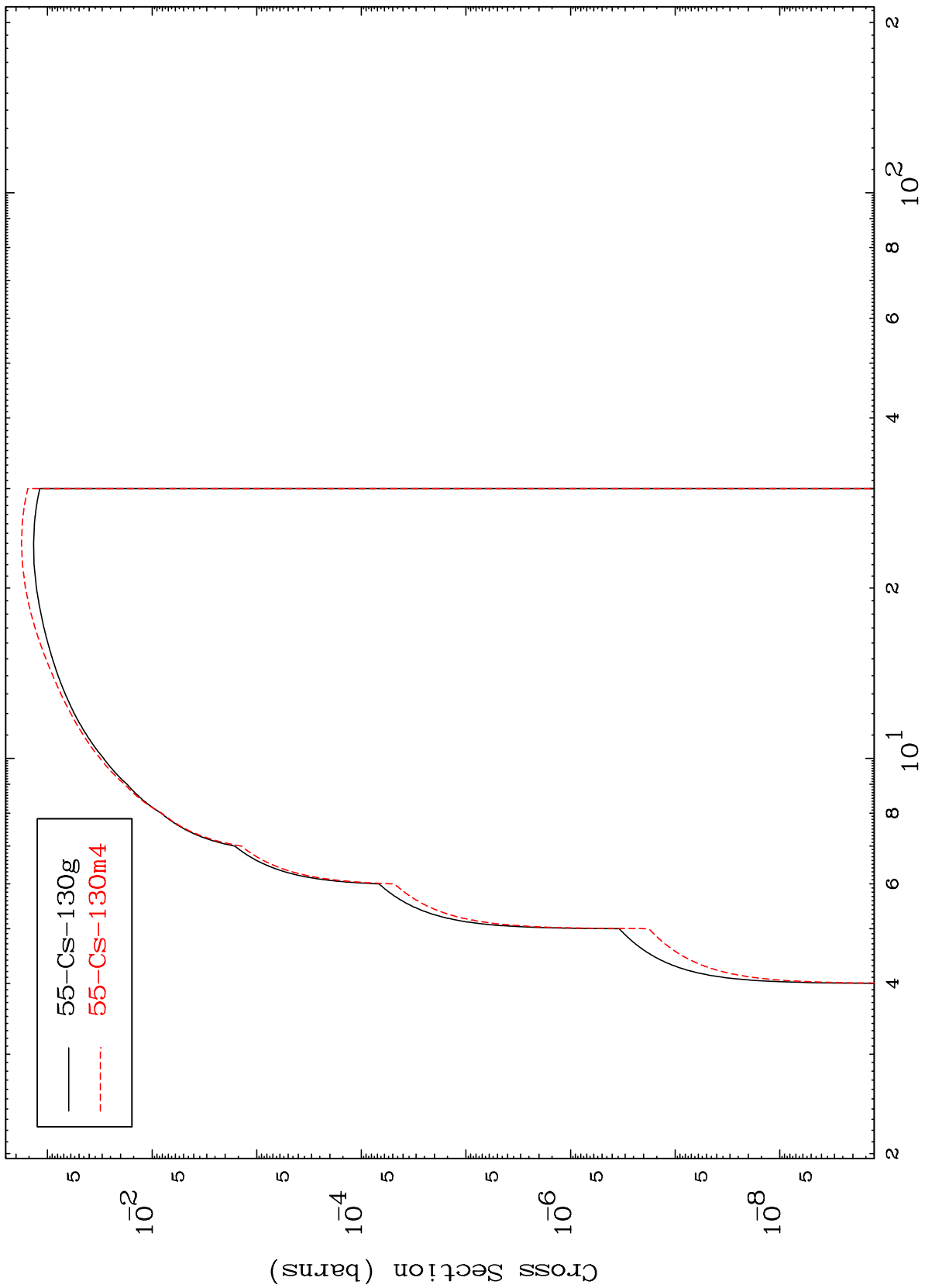
55-Cs-130m

MAT 5517

55-Cs-130m

Radionuclide Production Cross Section

(n,n') p



17

55-Cs-130m

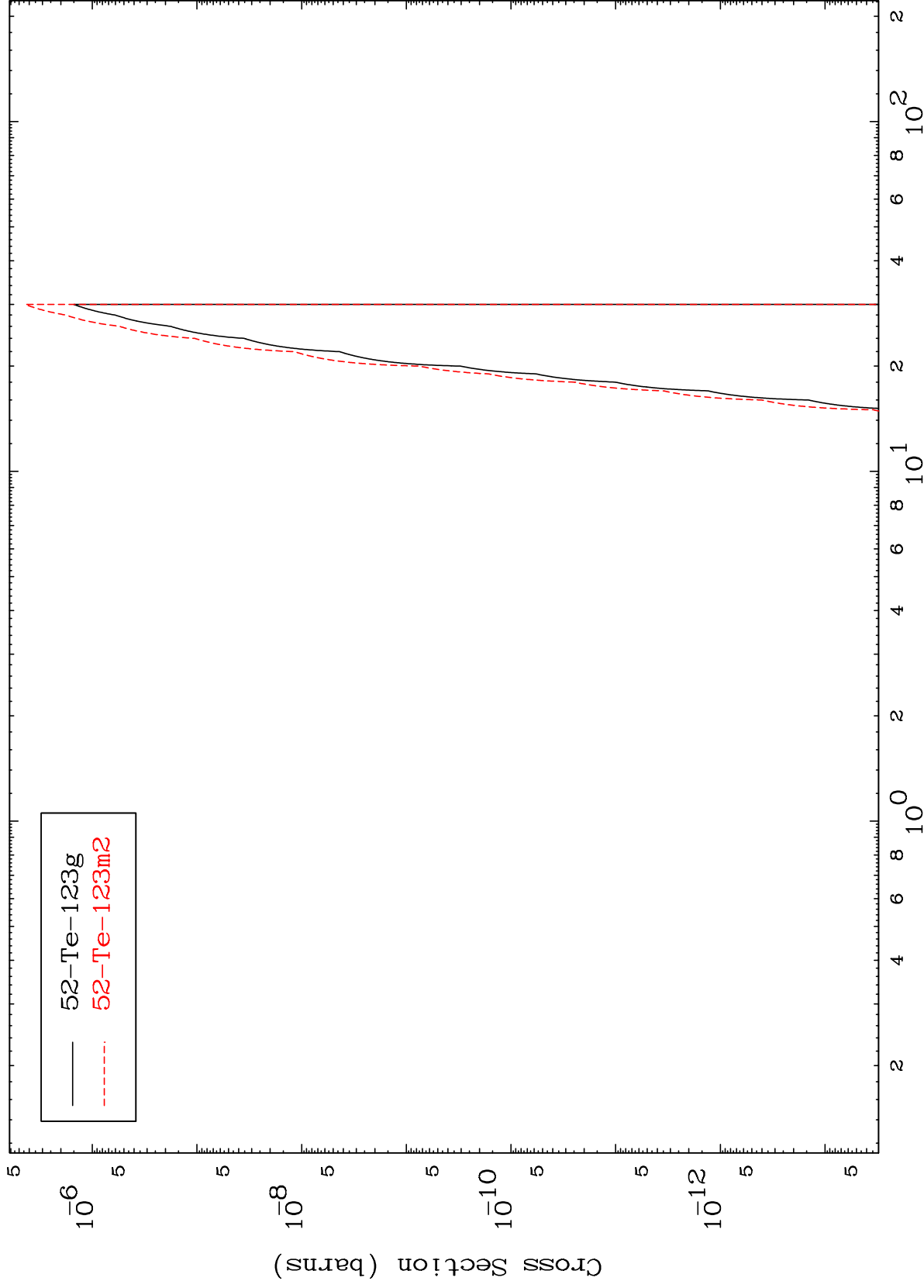
Incident Energy (MeV)

MAT 5517

(n,n') 2α

55-Cs-130m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

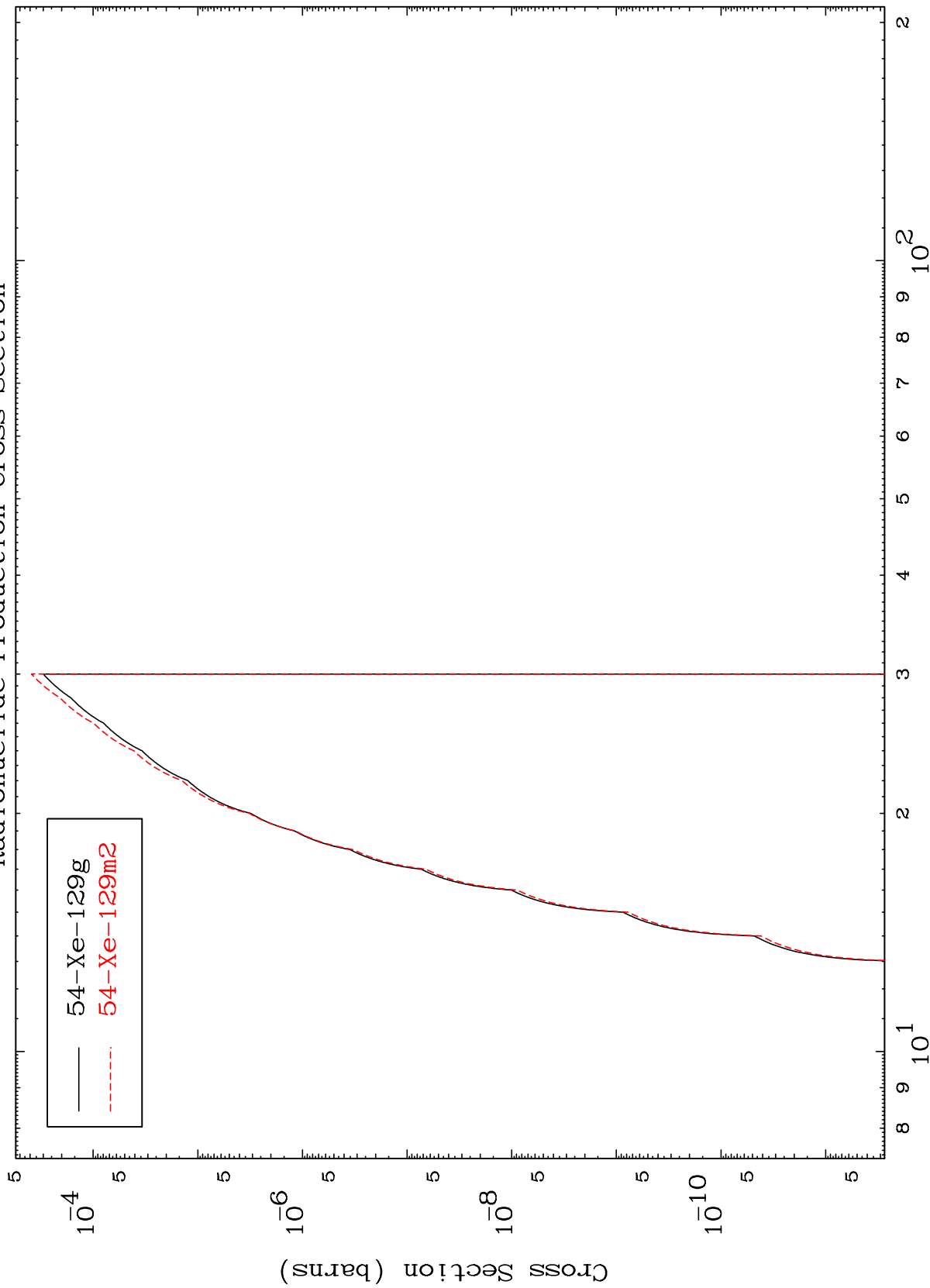
55-Cs-130m

MAT 5517

(n,2n) p

55-Cs-130m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

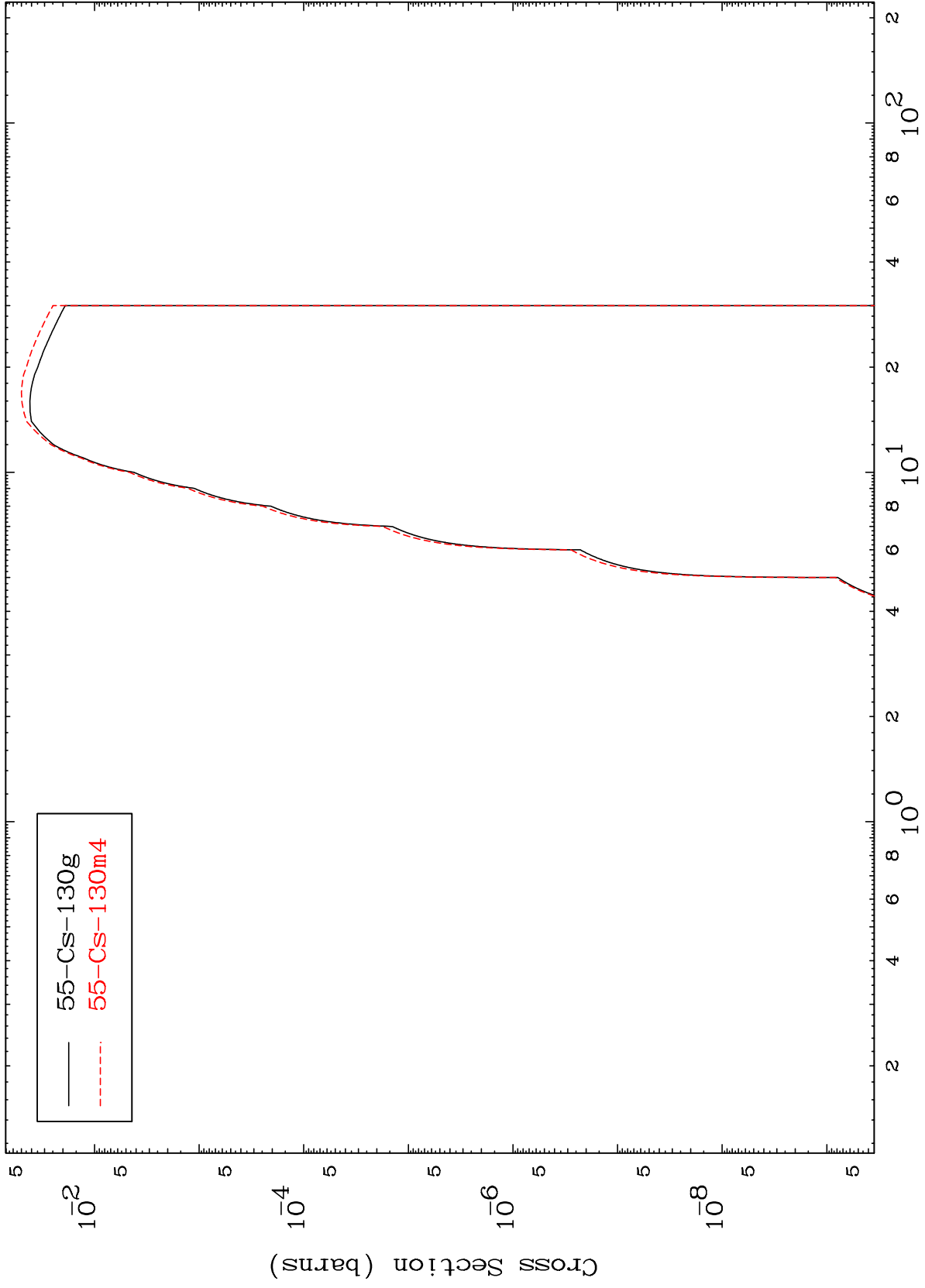
55-Cs-130m

MAT 5517

(n,d)

55-Cs-130m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

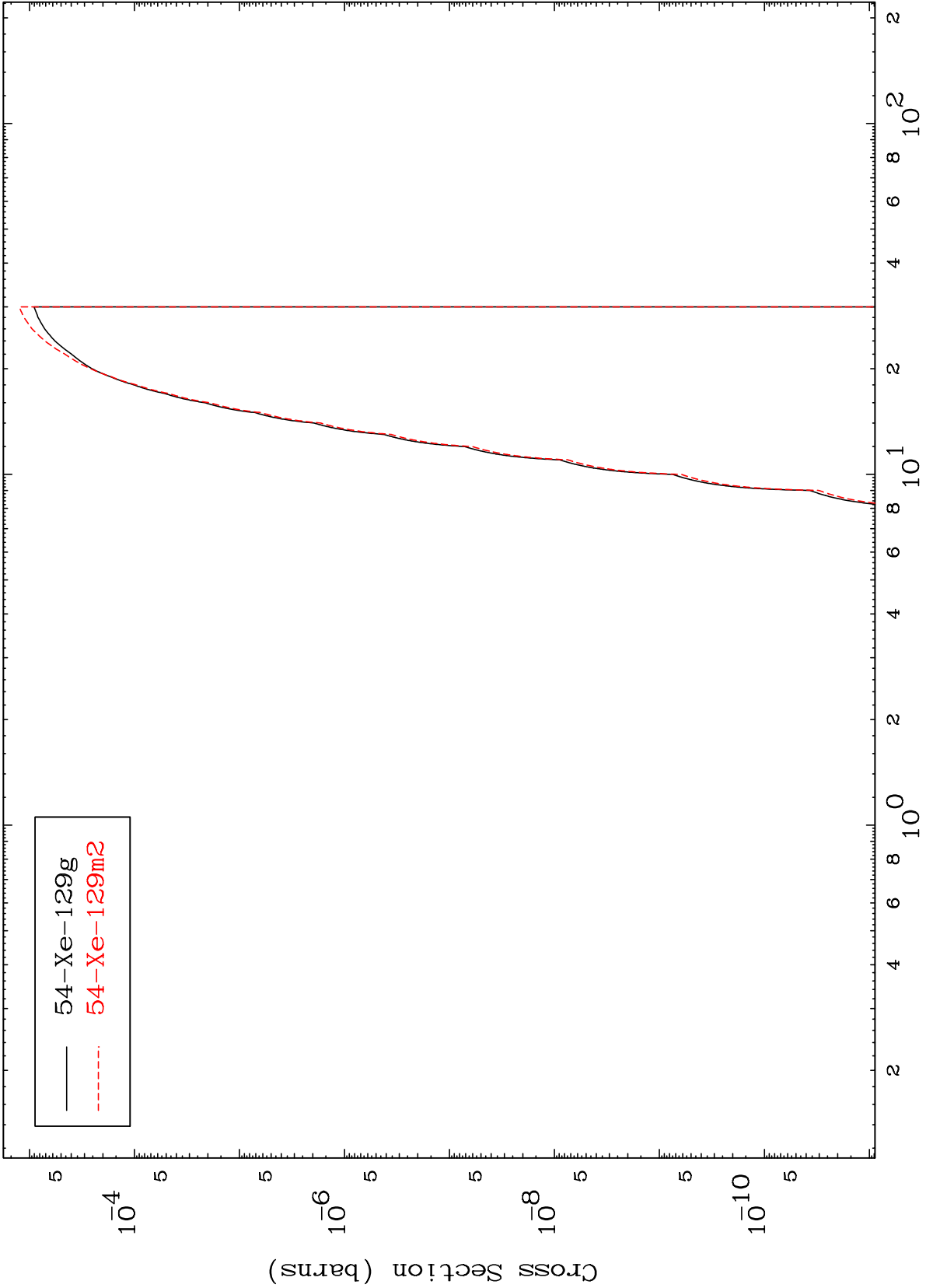
55-Cs-130m

MAT 5517

(n,He-3)

55-Cs-130m

Radionuclide Production Cross Section

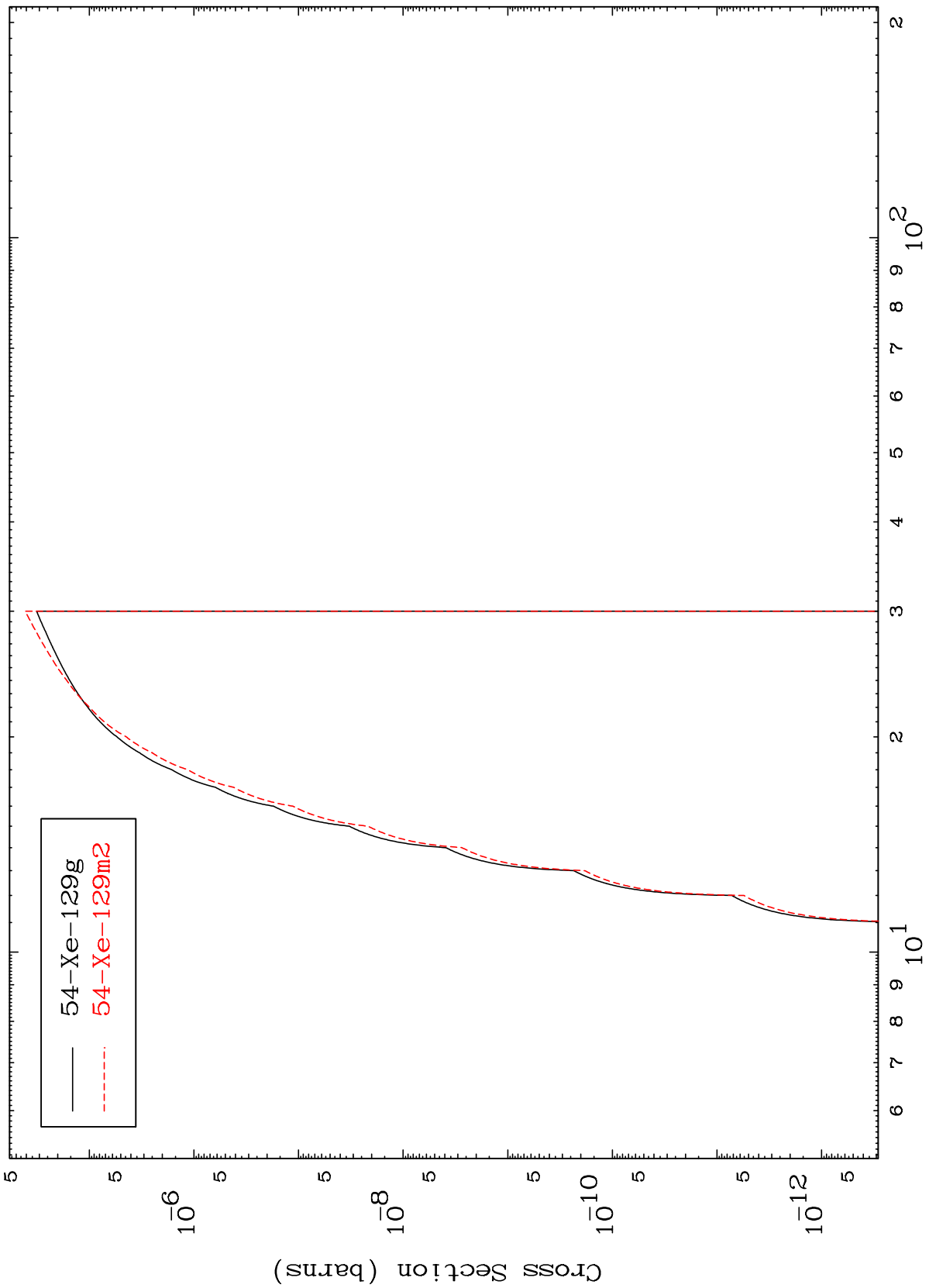


MAT 5517

(n,p) d

55-Cs-130m

Radionuclide Production Cross Section



54-Xe-129g
54-Xe-129m2

22

Incident Energy (MeV)

55-Cs-130m