

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

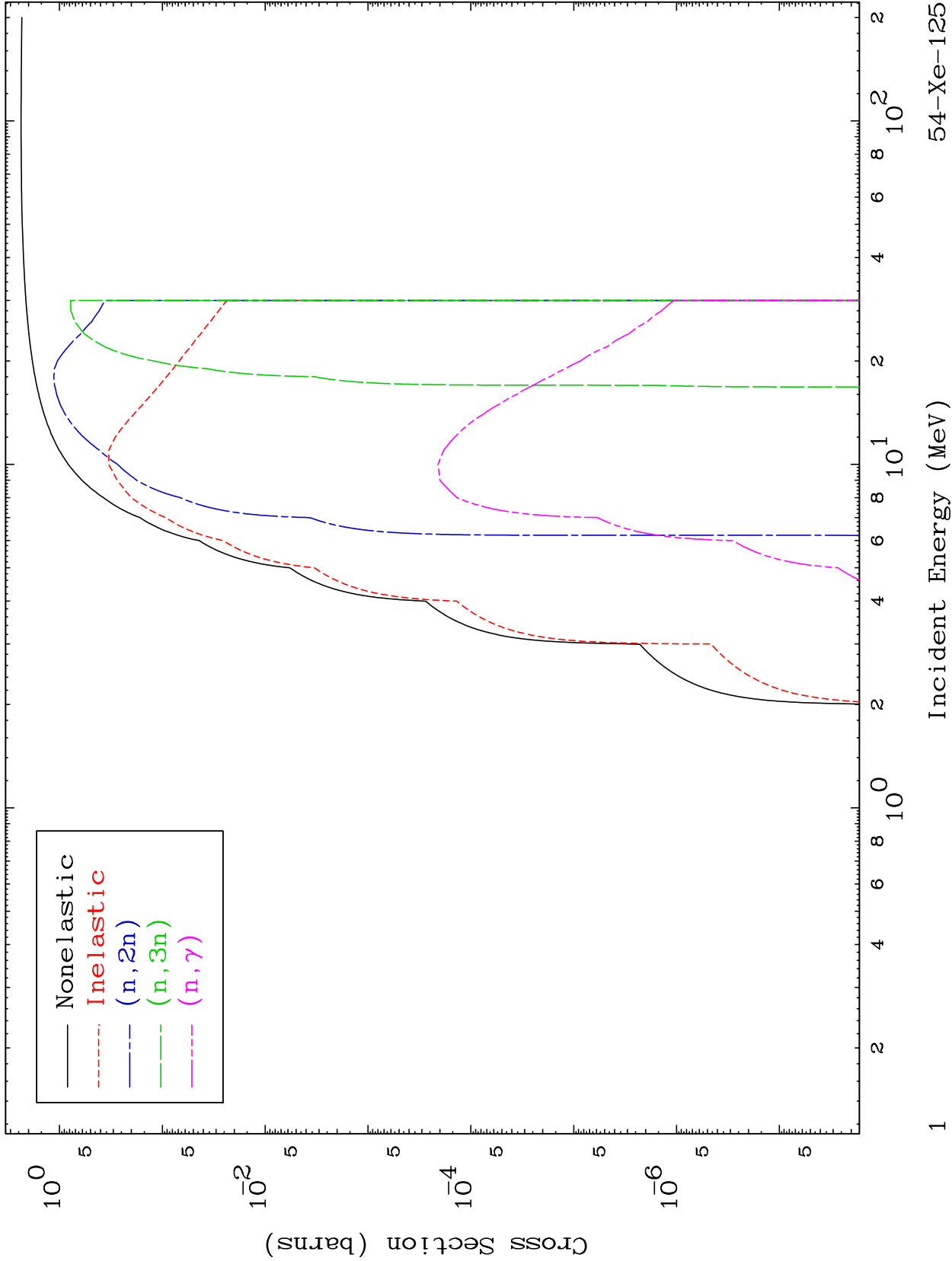
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

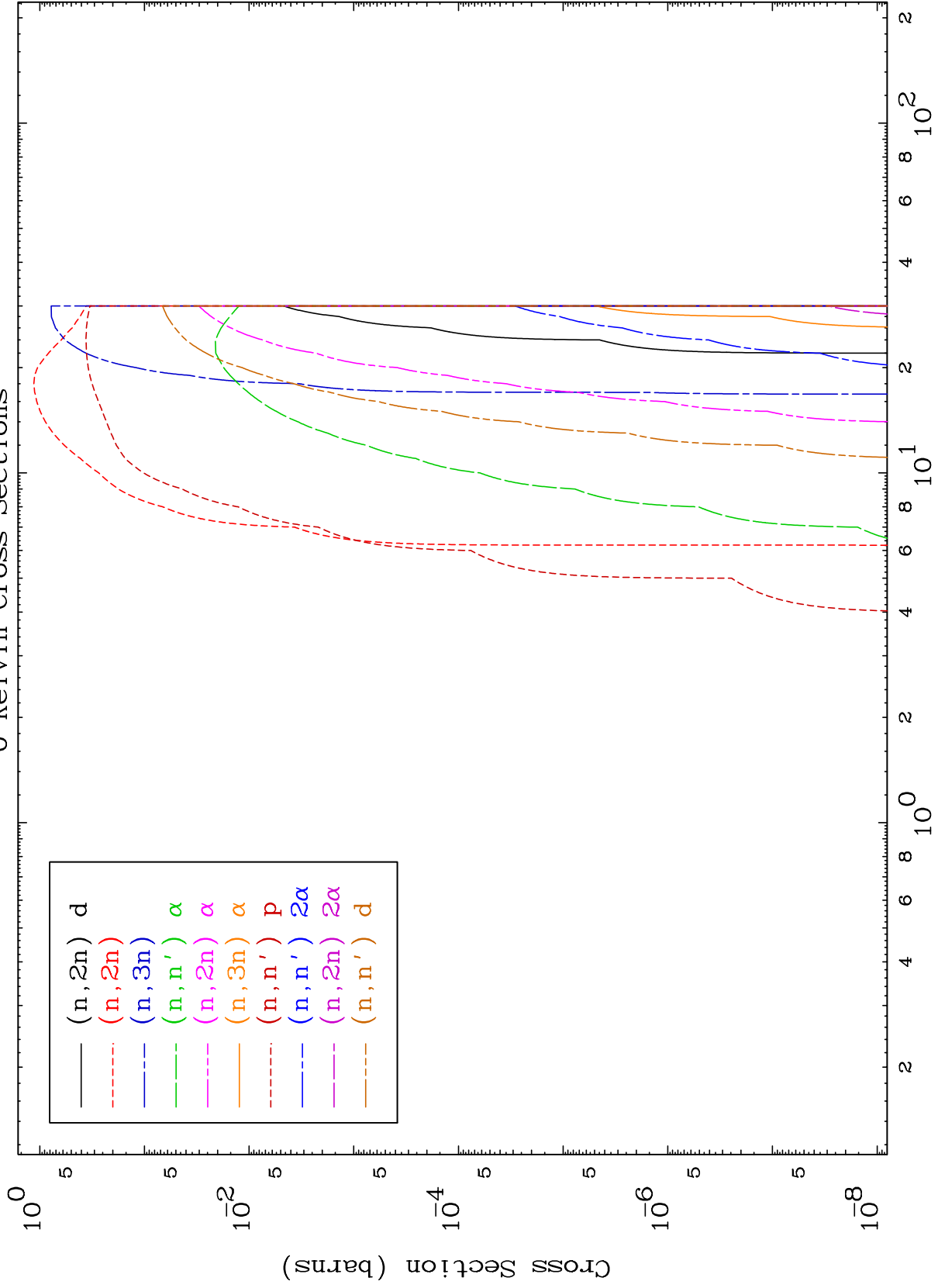
Tele: 925-443-1911

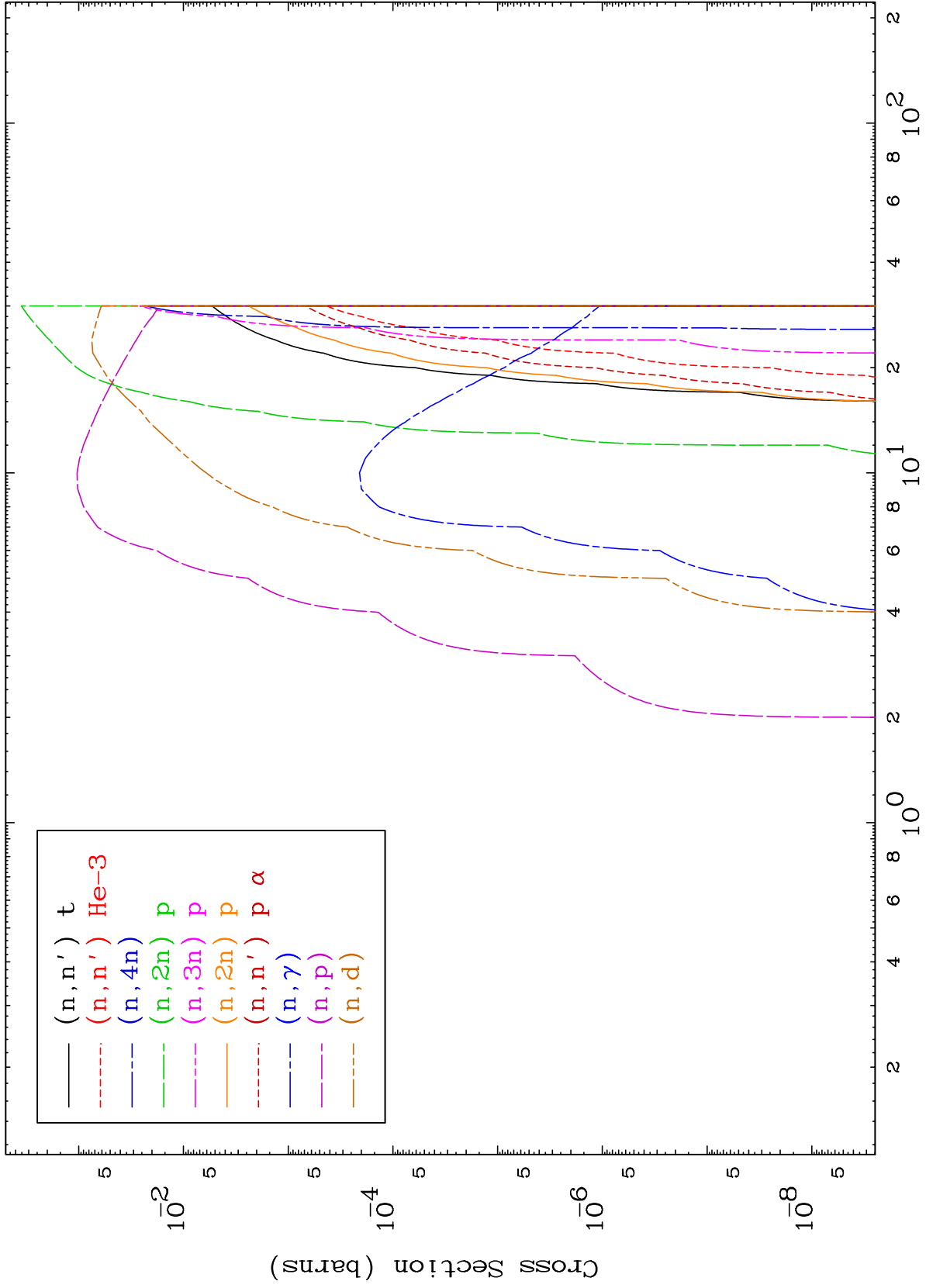
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



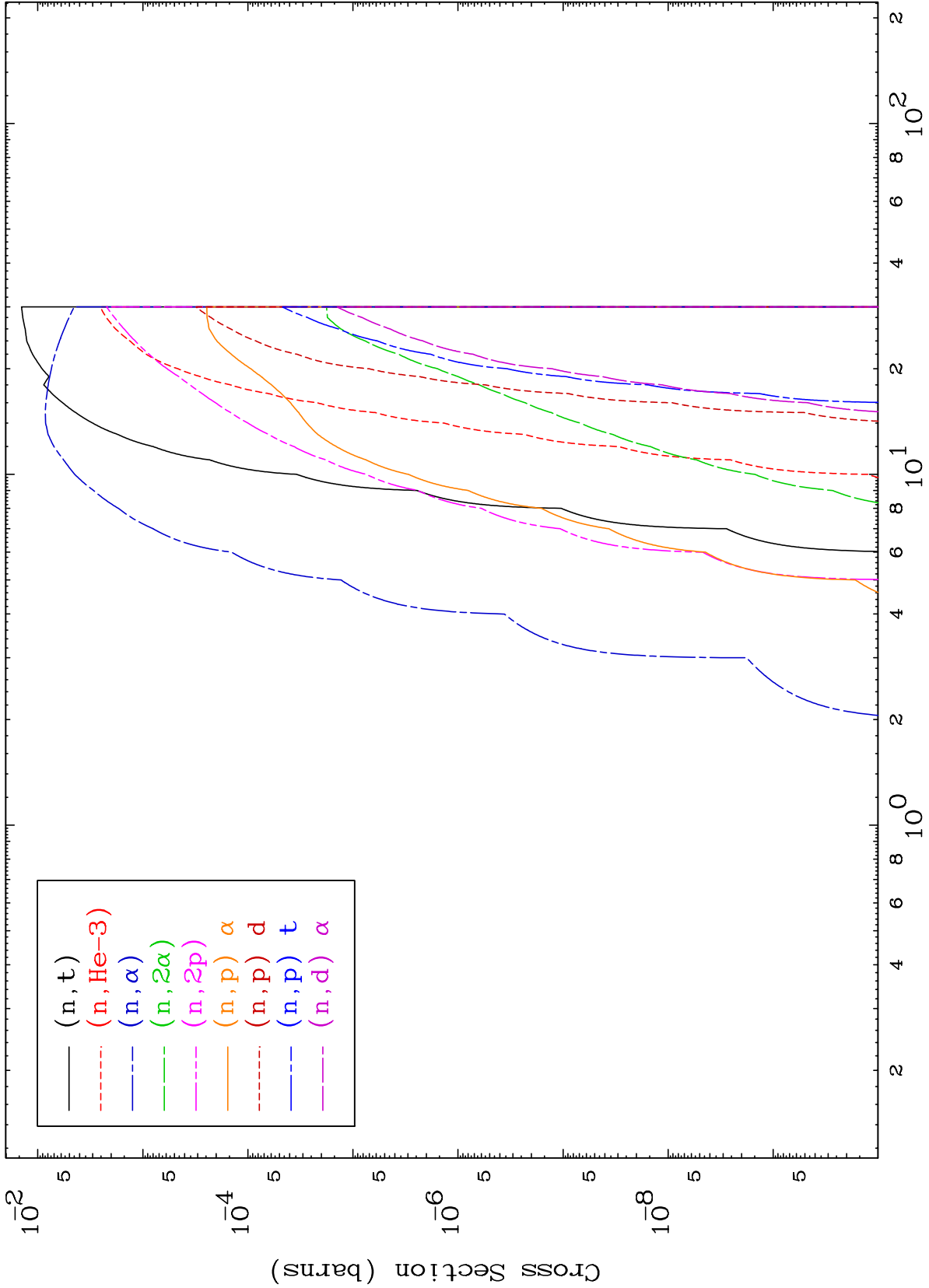


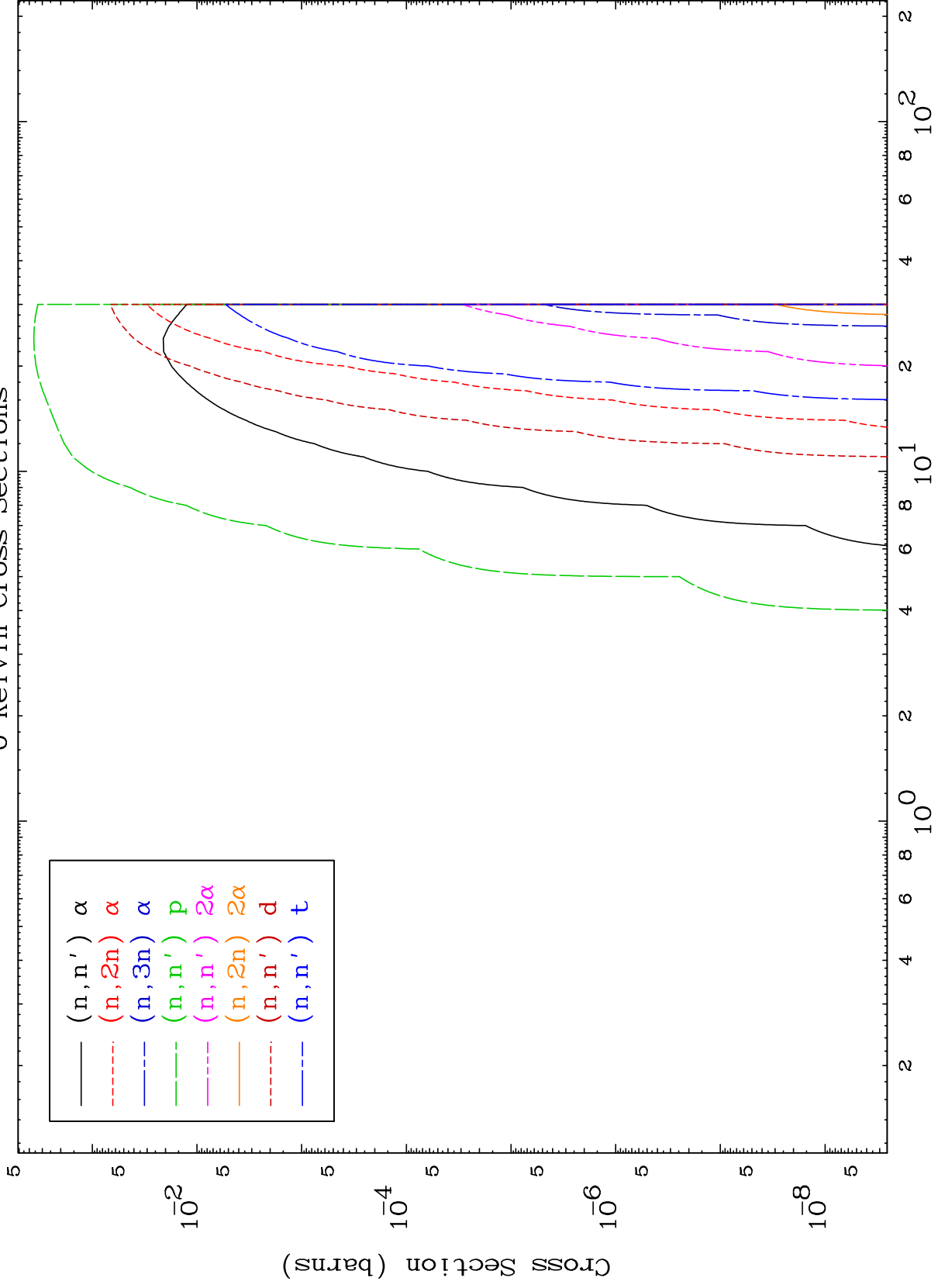


MAT 5428

Deuteron Neutron Absorption
0 Kelvin Cross Sections

54-Xe-125

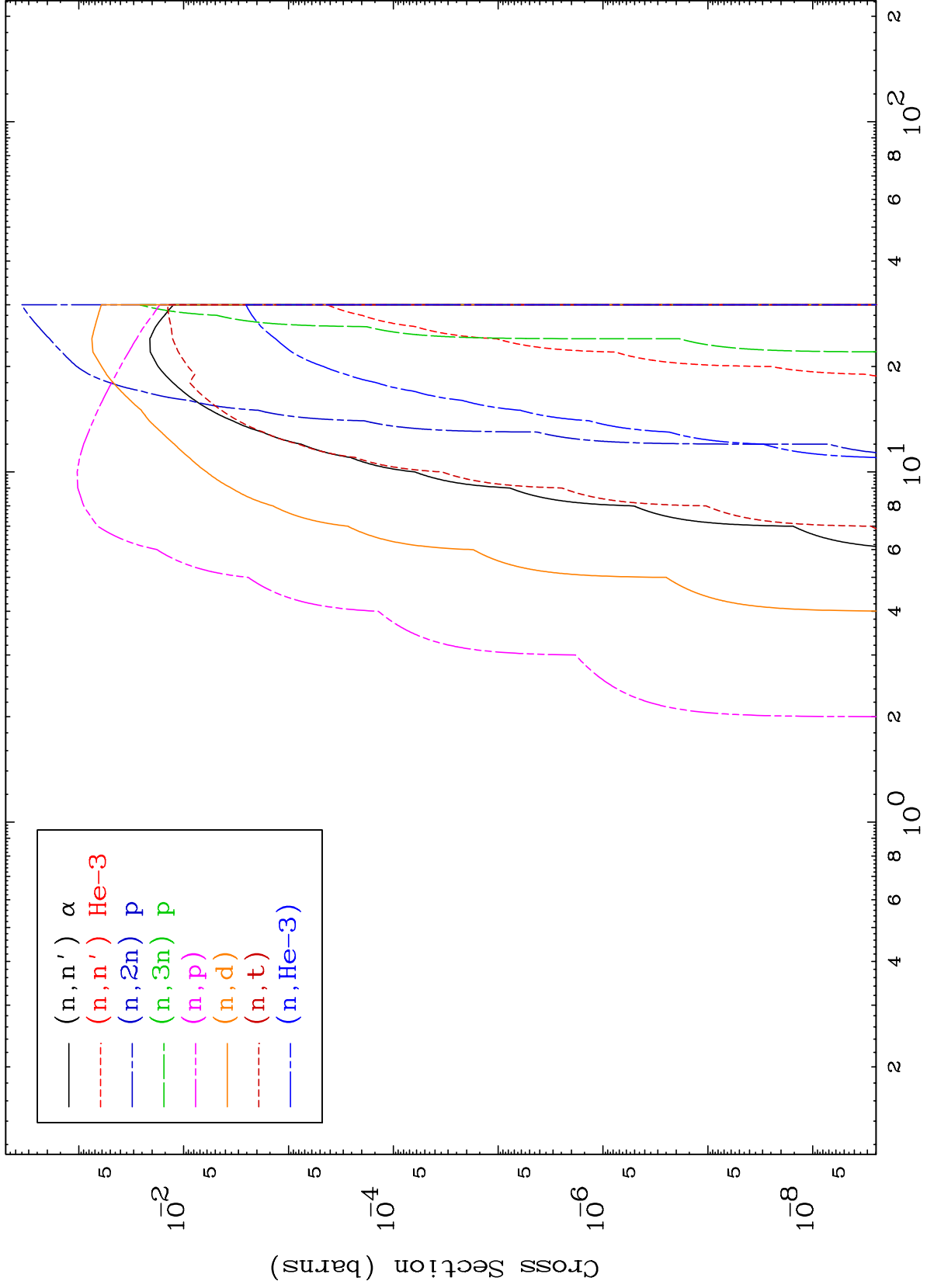


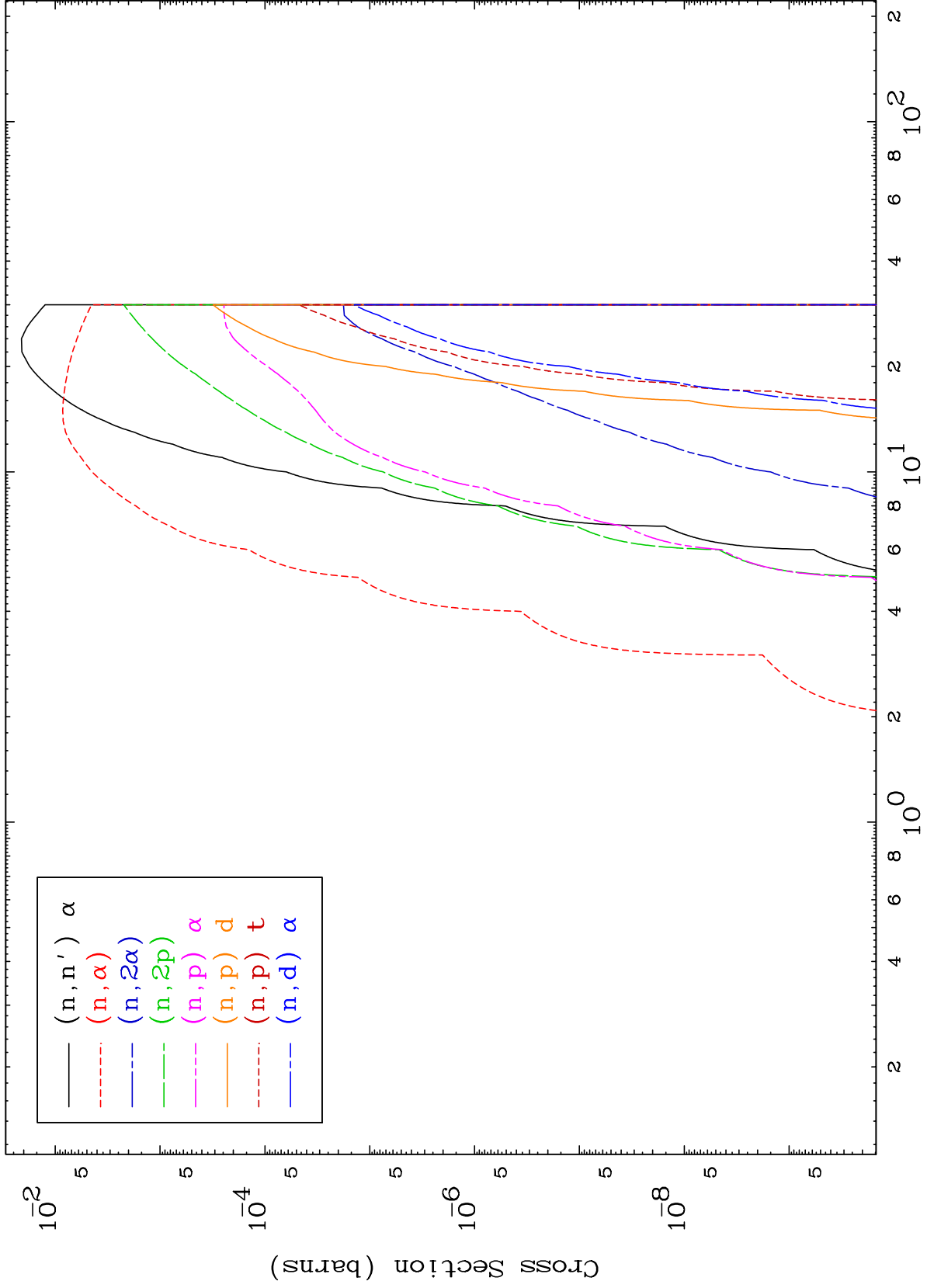


MAT 5428

Deuteron Charged Particle
0 Kelvin Cross Sections

54-Xe-125



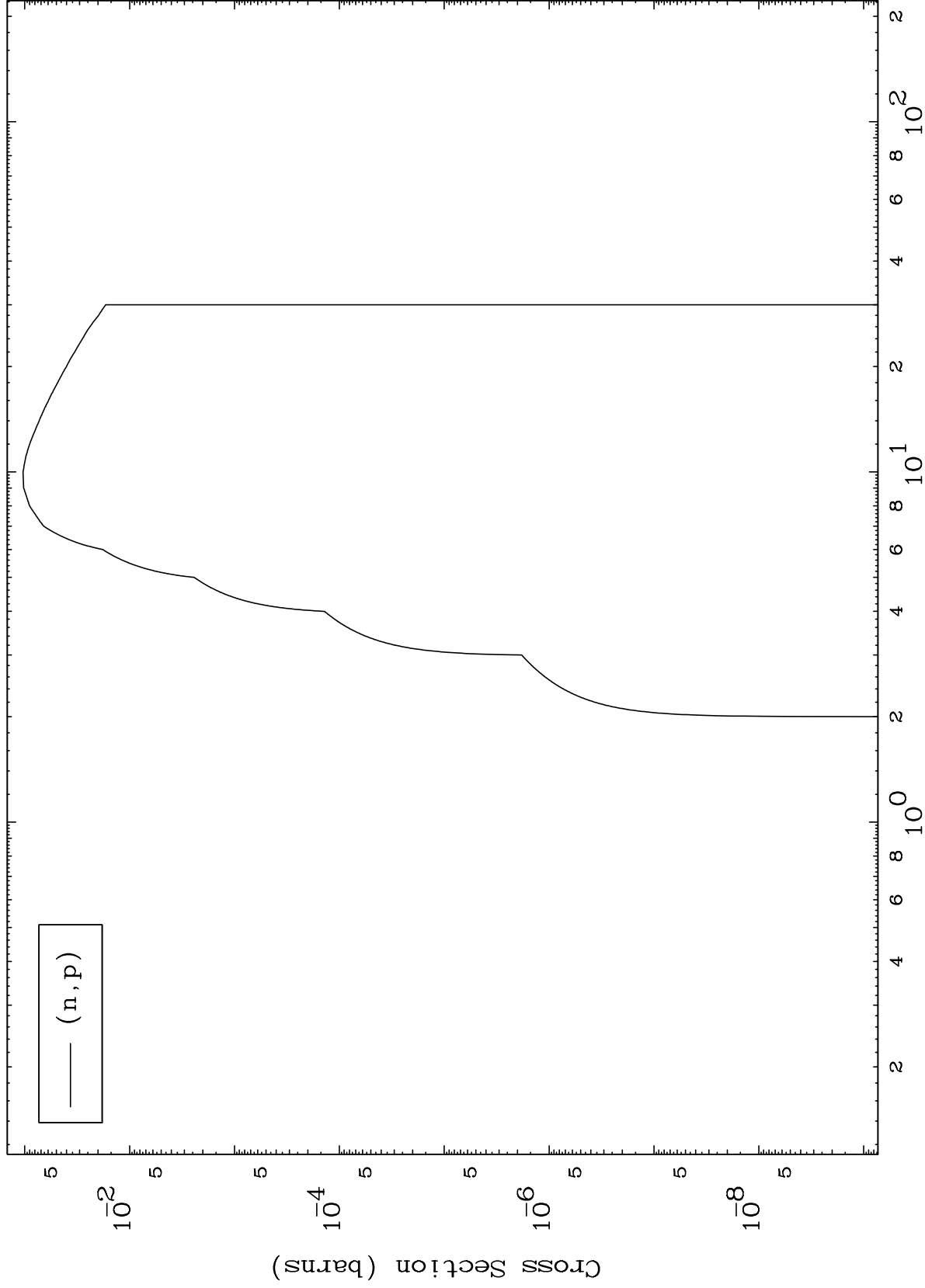


MAT 5428

(d,p) Levels

54-Xe-125

0 Kelvin Cross Sections



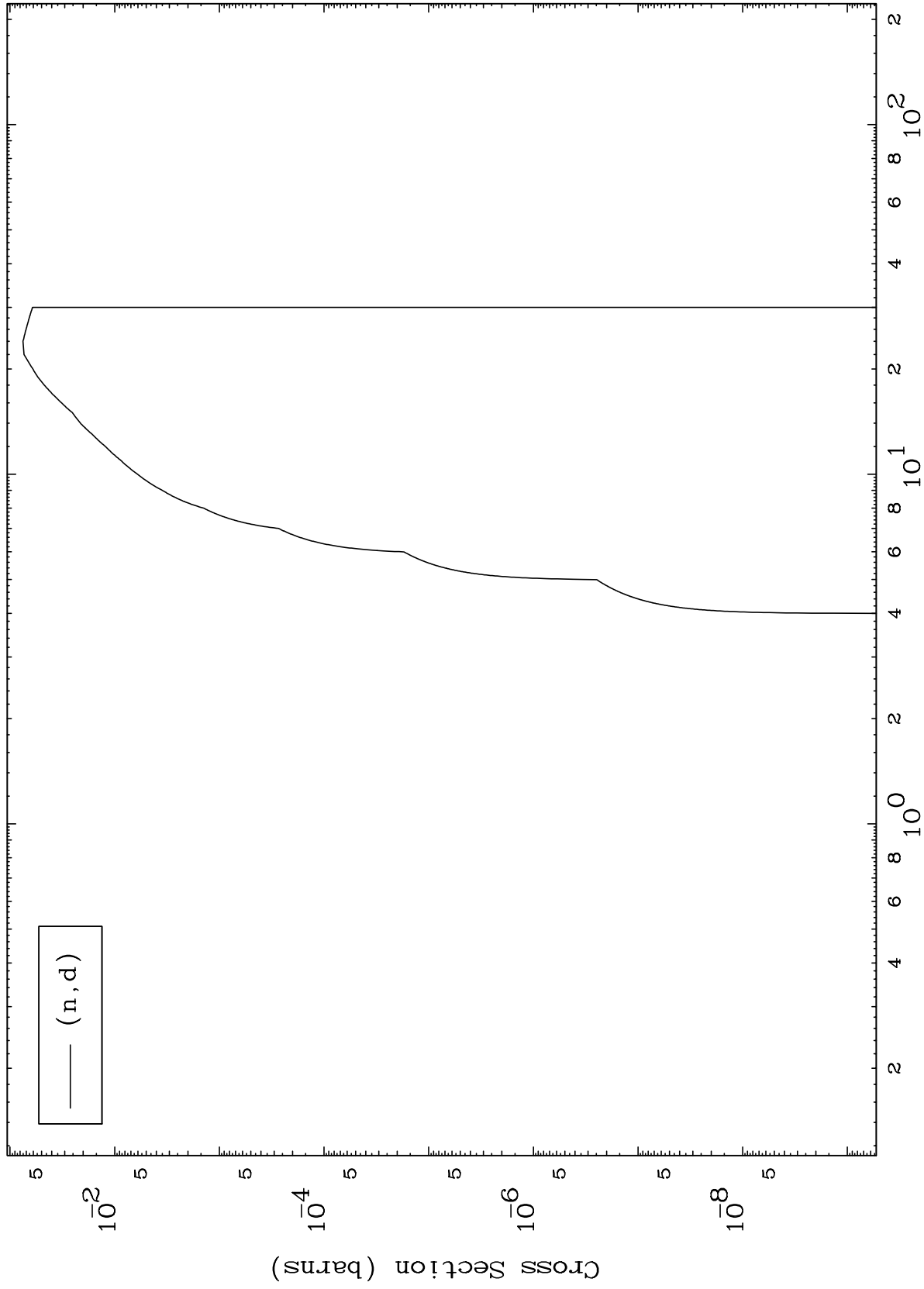
(n,p)

MAT 5428

(d,d) Levels

54-Xe-125

0 Kelvin Cross Sections

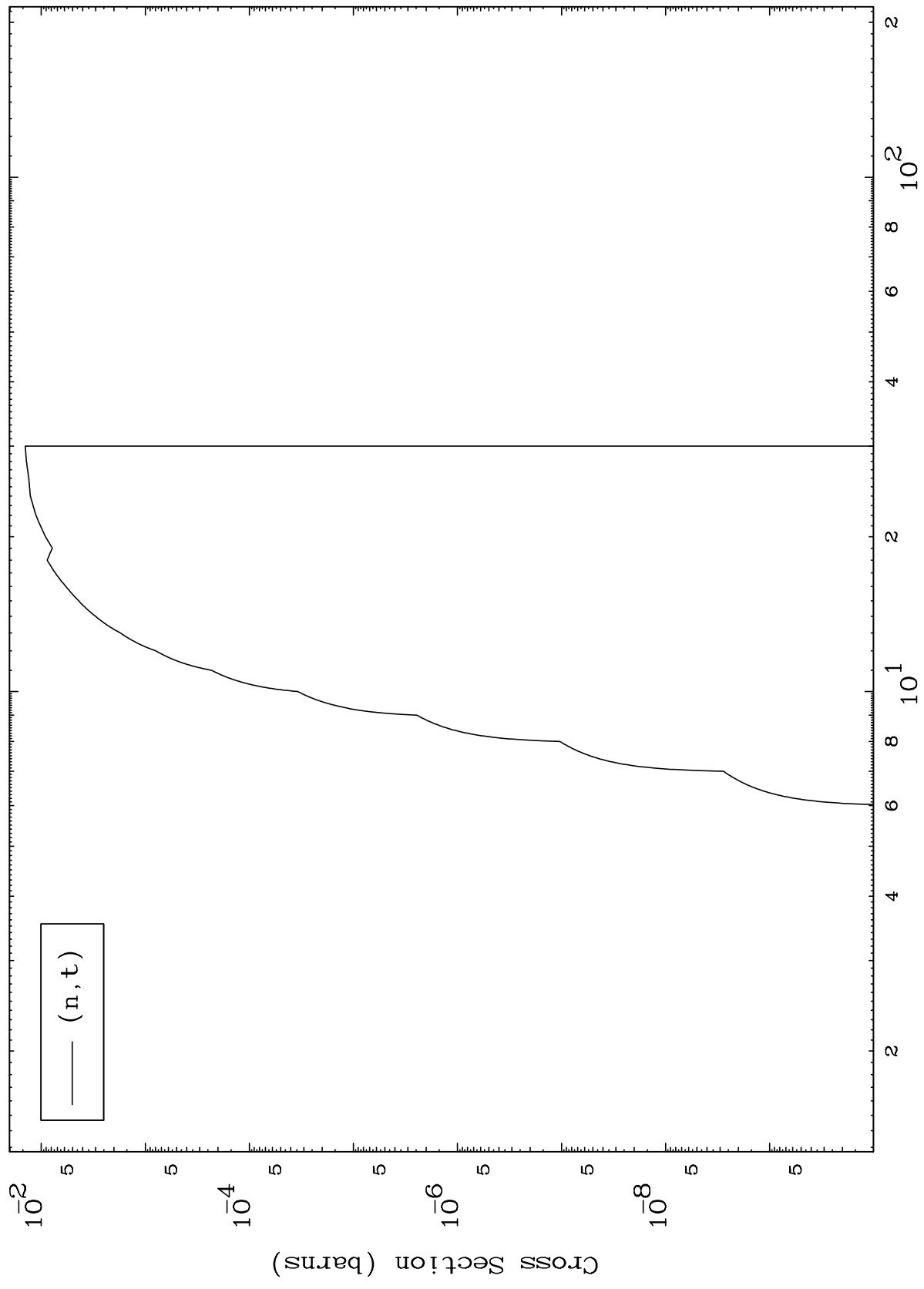


MAT 5428

(d,t) Levels

54-Xe-125

0 Kelvin Cross Sections

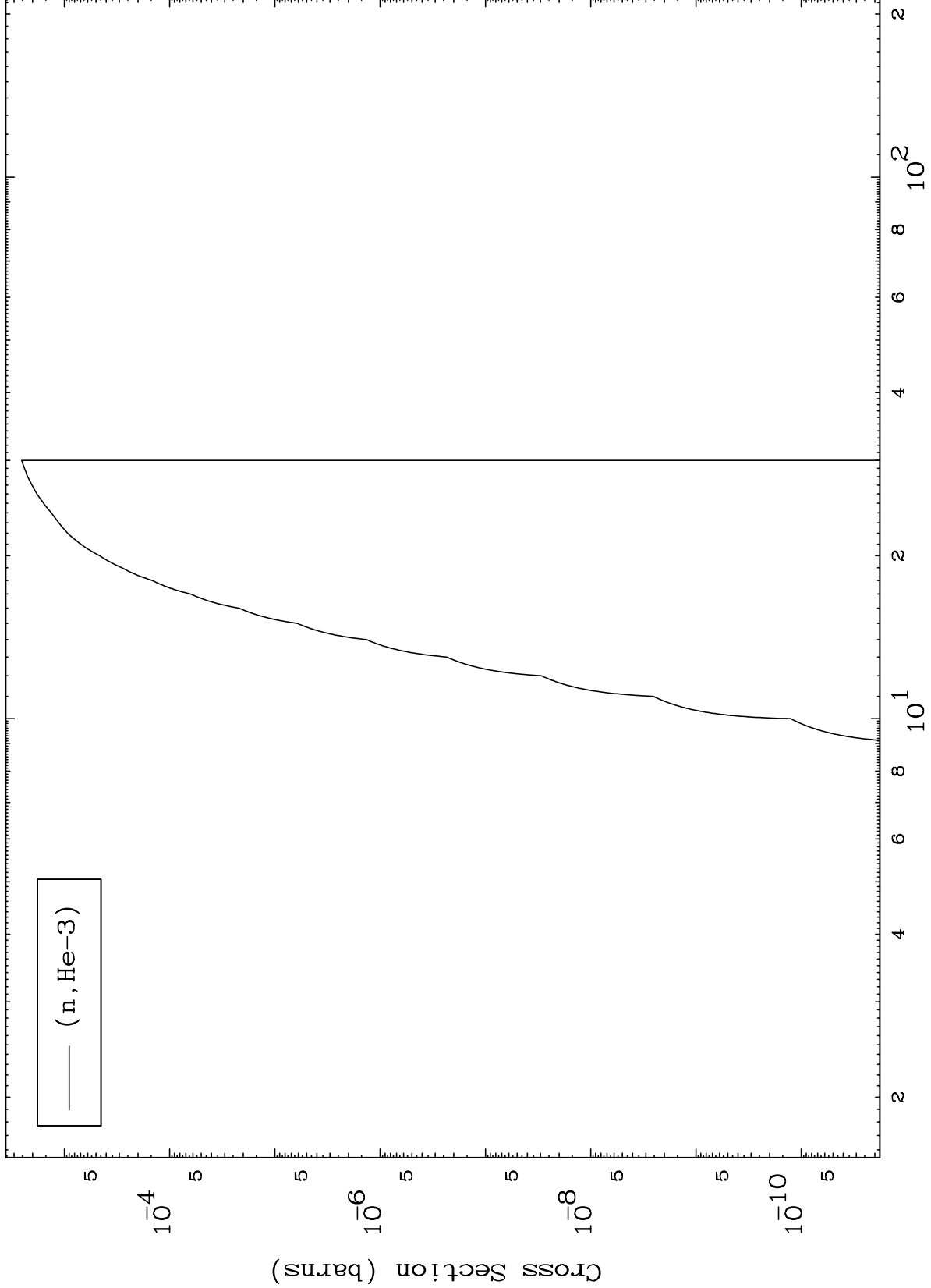


10

Incident Energy (MeV)

54-Xe-125

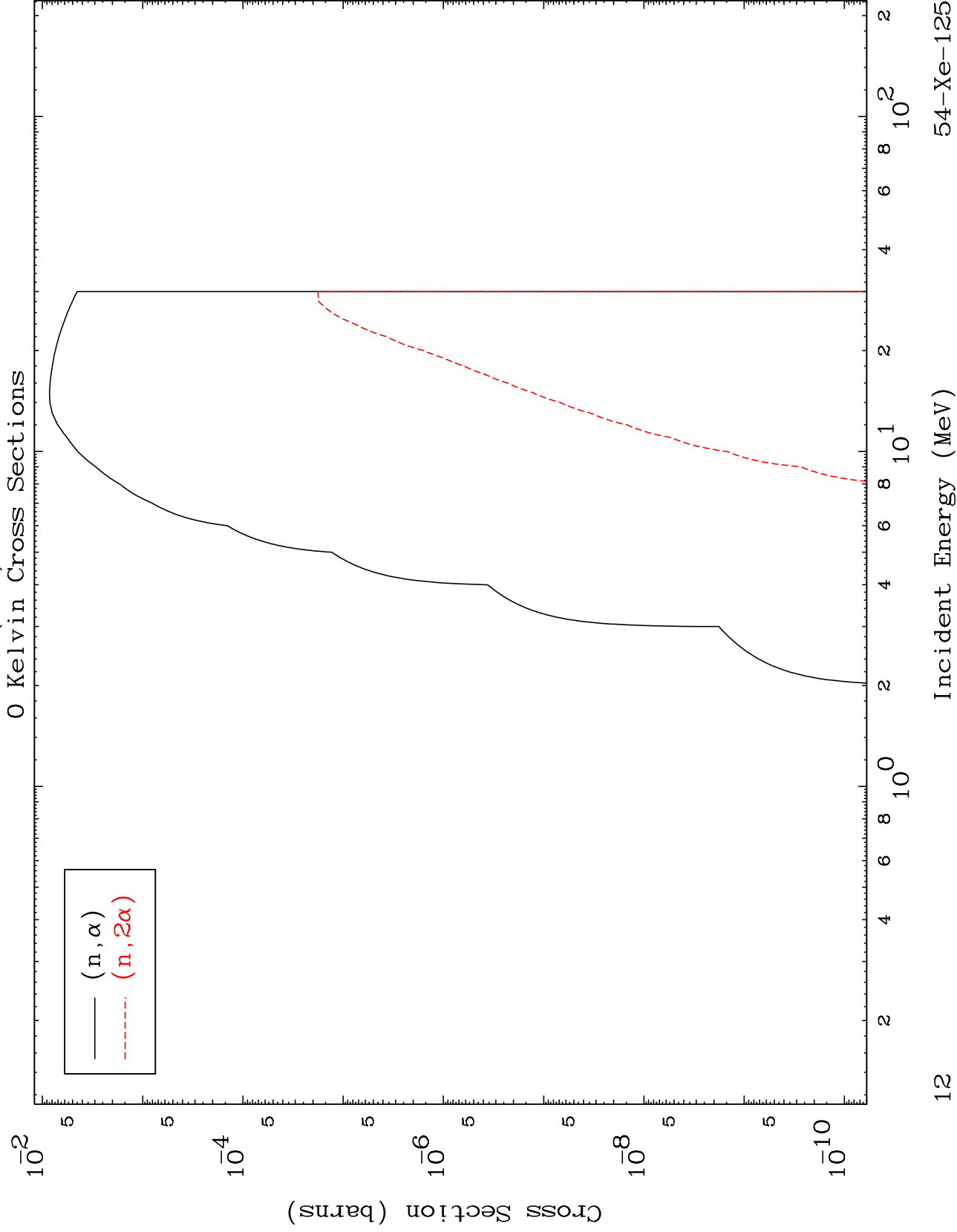
(d,He3) Levels
0 Kelvin Cross Sections



MAT 5428

(d, α) Levels

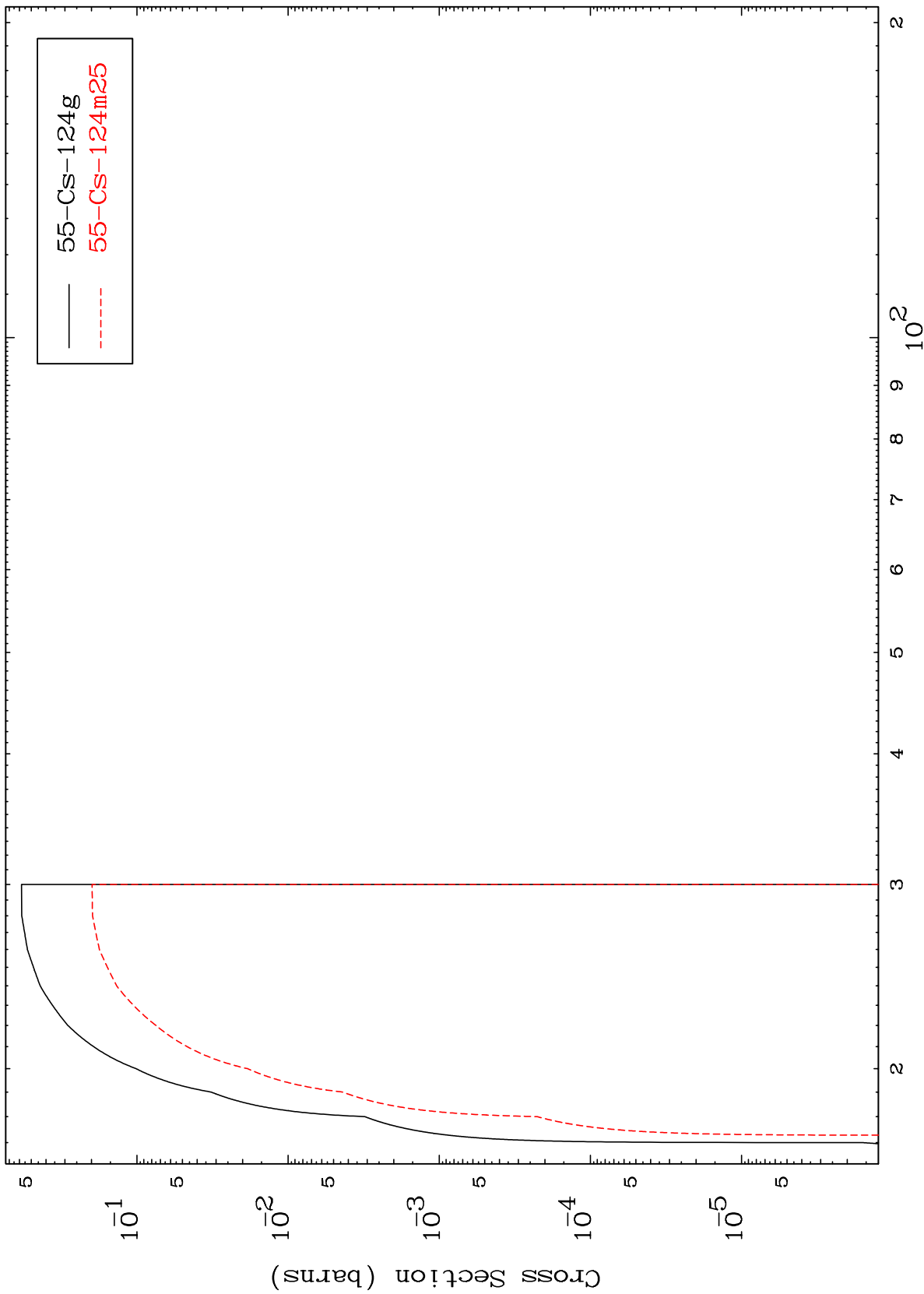
54-Xe-125



MAT 5428

54-Xe-125

(n,3n)
Radionuclide Production Cross Section



54-Xe-125

Incident Energy (MeV)

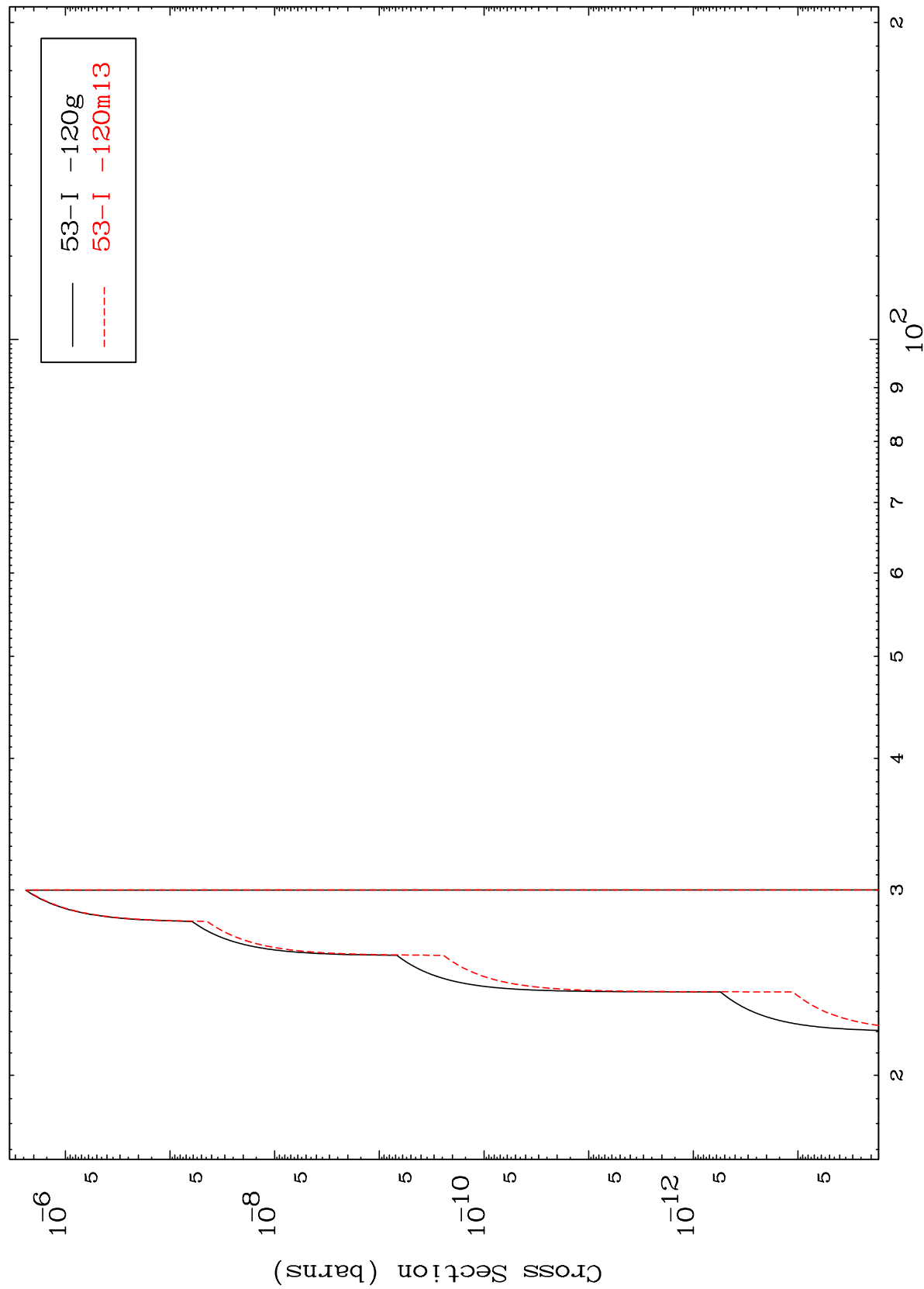
13

MAT 5428

(n,3n) α

54-Xe-125

Radionuclide Production Cross Section



53-I -120g
53-I -120m13

14

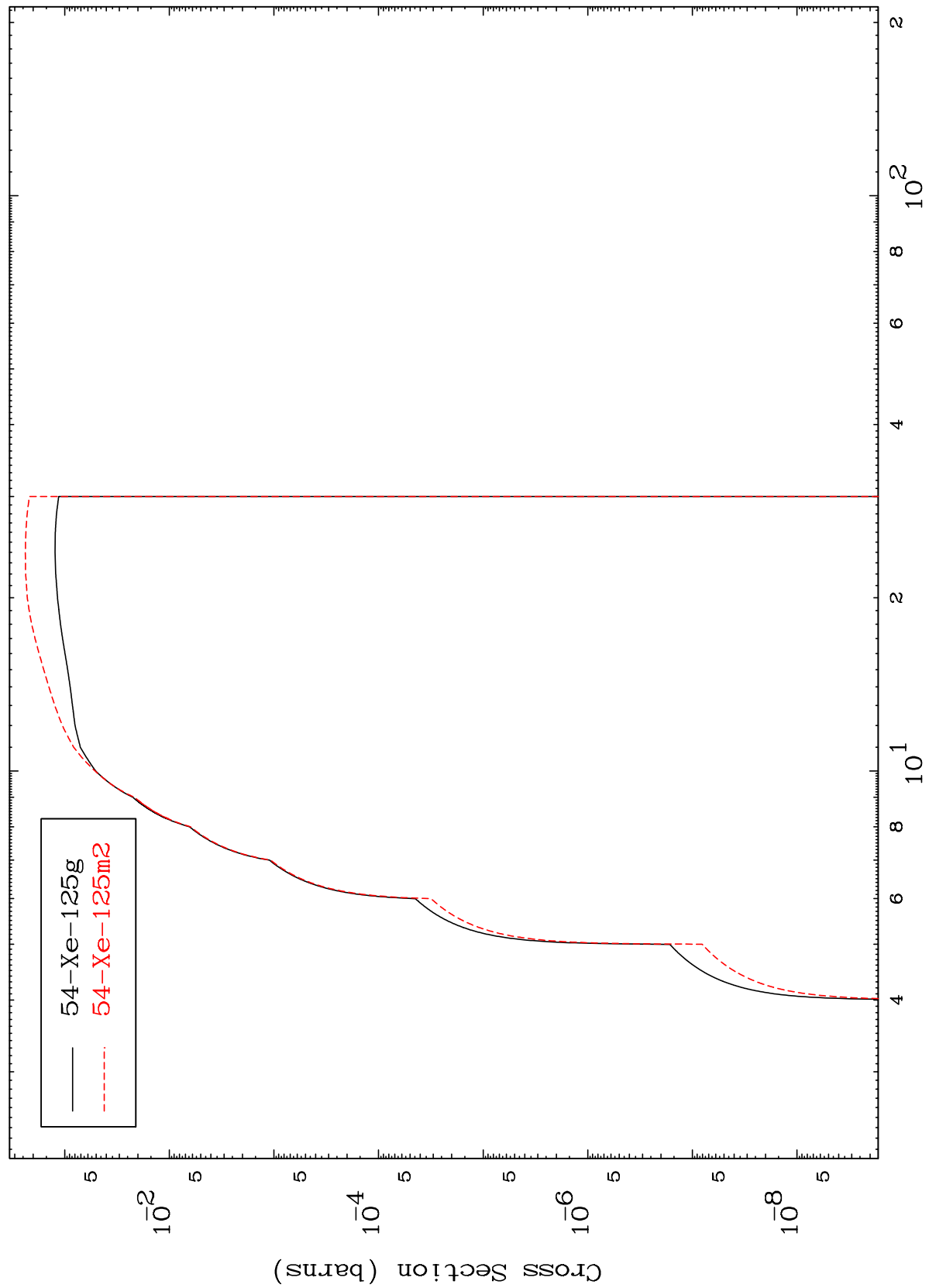
Incident Energy (MeV)

54-Xe-125

MAT 5428

54-Xe-125

(n,n') p
Radionuclide Production Cross Section



15

54-Xe-125

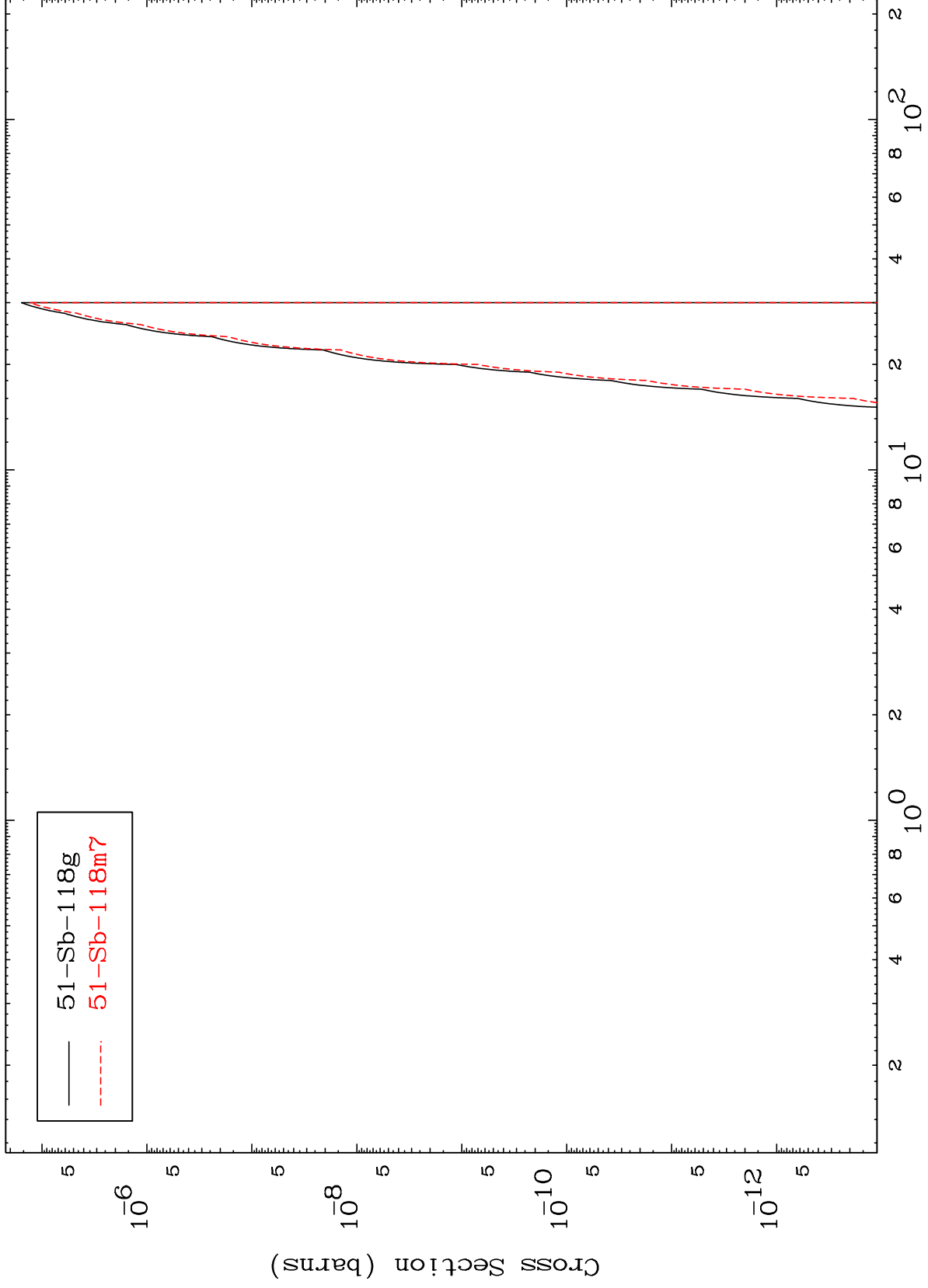
Incident Energy (MeV)

MAT 5428

(n,n') 2α

54-Xe-125

Radionuclide Production Cross Section



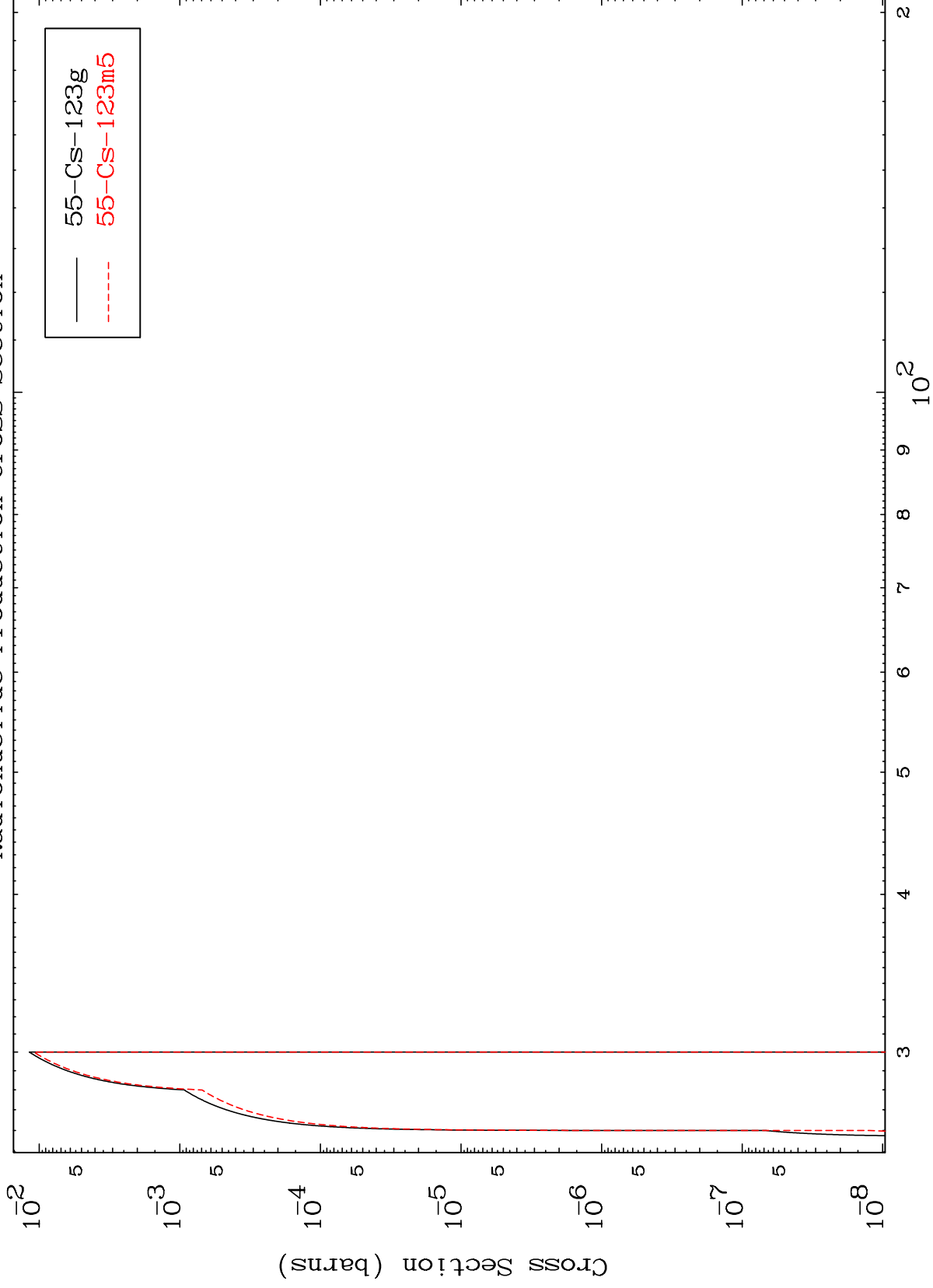
51-Sb-118g
51-Sb-118m7

MAT 5428

(n,4n)

54-Xe-125

Radionuclide Production Cross Section



17

Incident Energy (MeV)

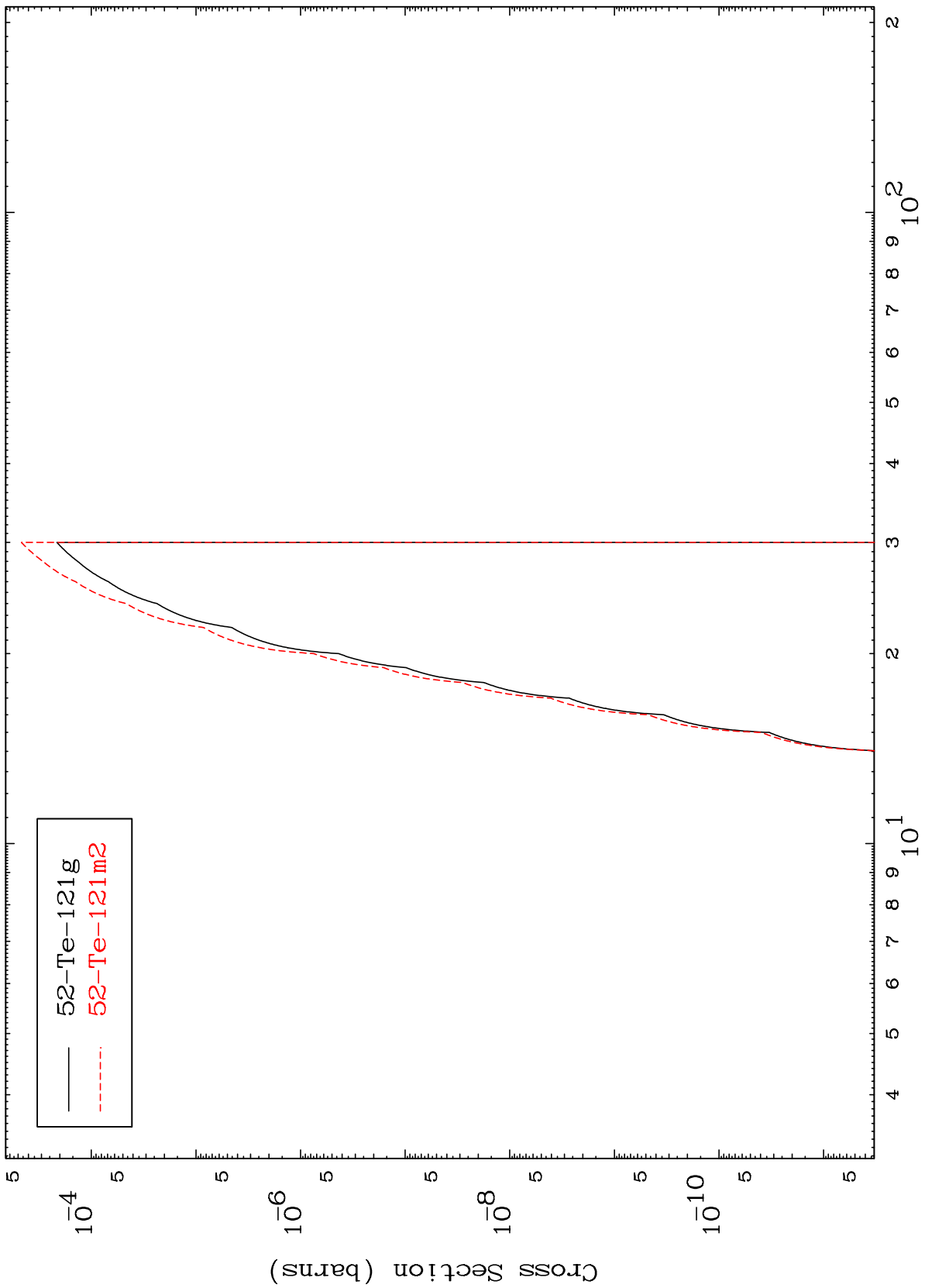
54-Xe-125

MAT 5428

(n,n') p α

54-Xe-125

Radionuclide Production Cross Section



52-Te-121g
52-Te-121m2

18

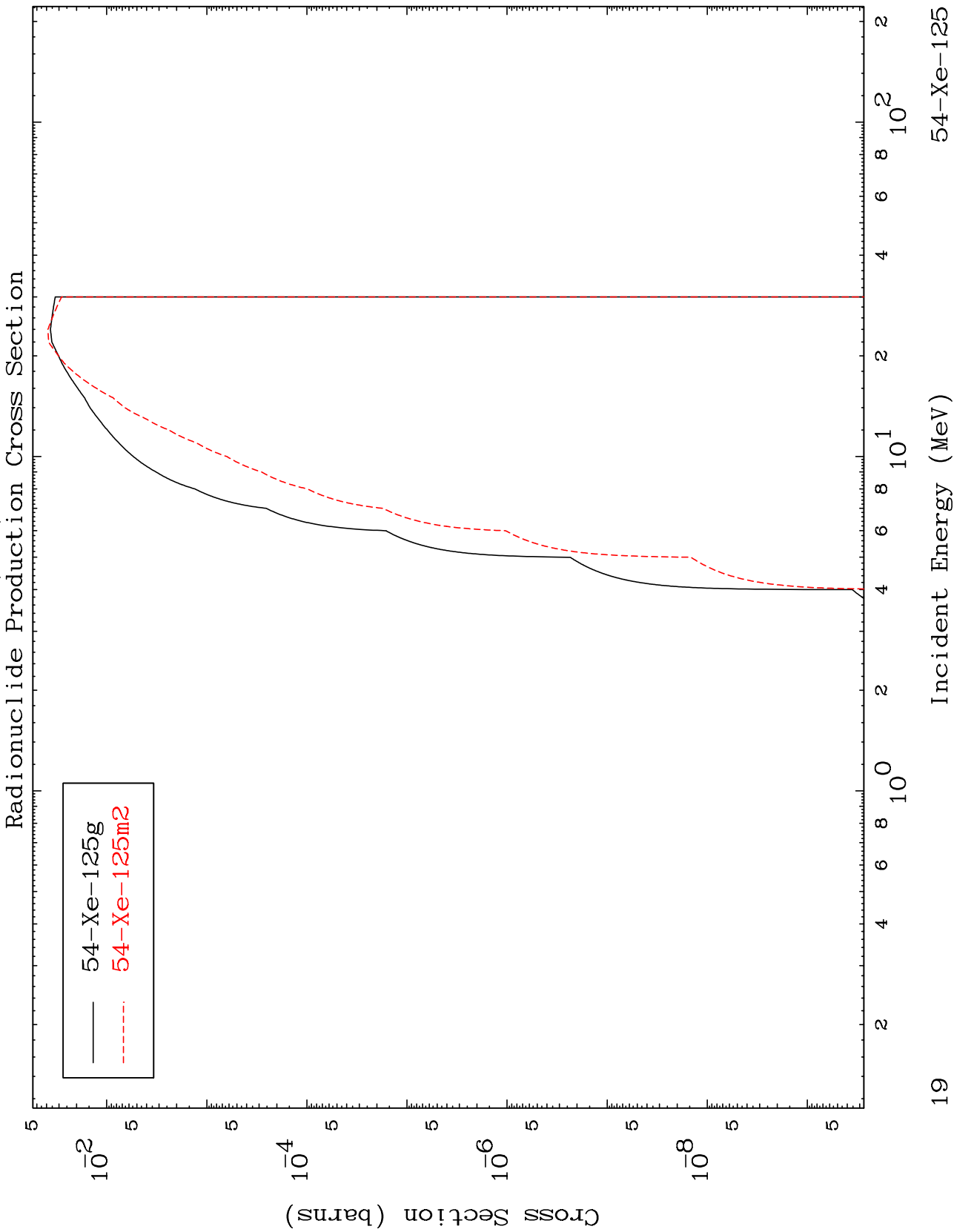
Incident Energy (MeV)

54-Xe-125

MAT 5428

(n, d)

54-Xe-125

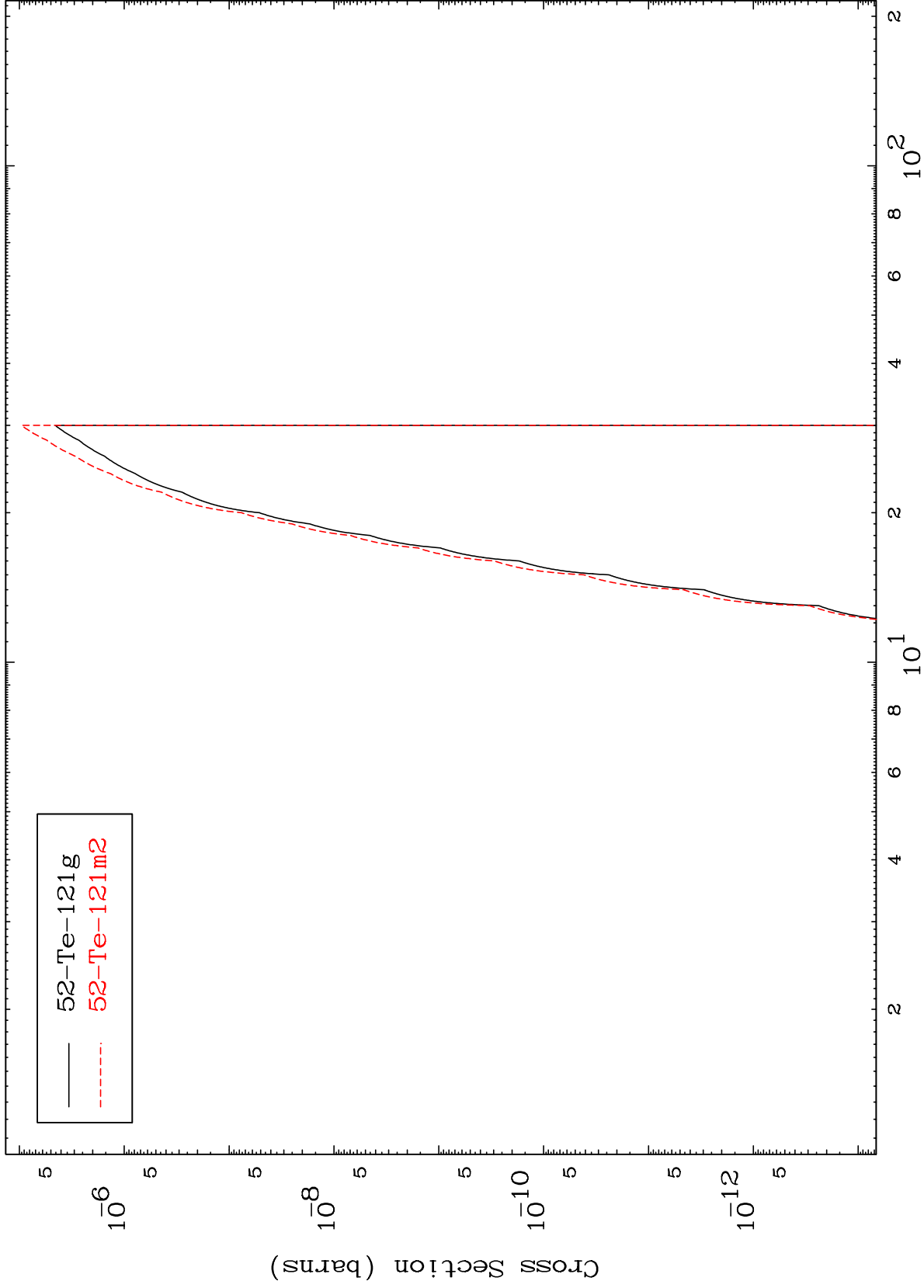


MAT 5428

(n,d) α

54-Xe-125

Radionuclide Production Cross Section



20

Incident Energy (MeV)

54-Xe-125