

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

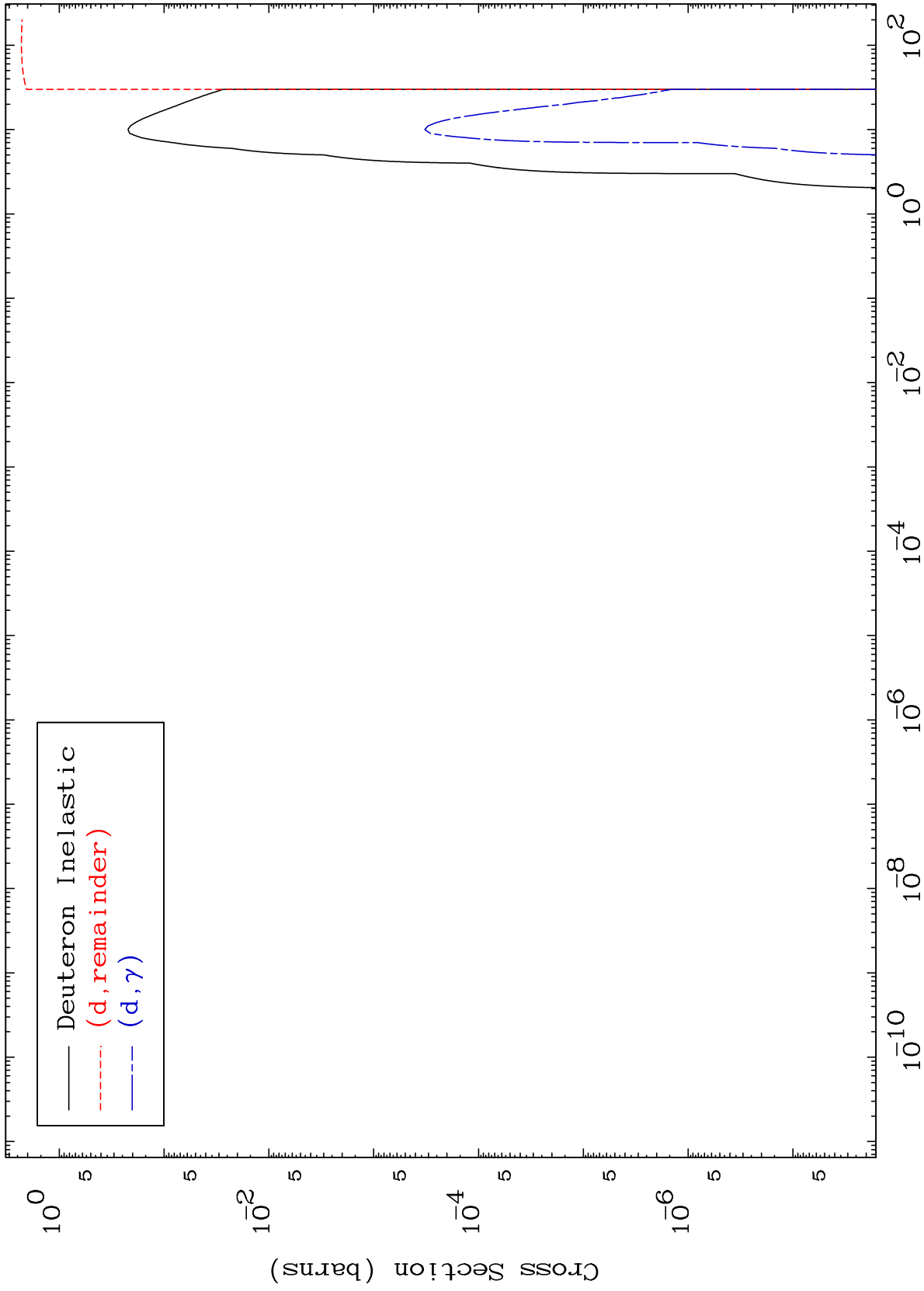
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5416

Deuteron Major
0 Kelvin Cross Sections

54-Xe-121



1

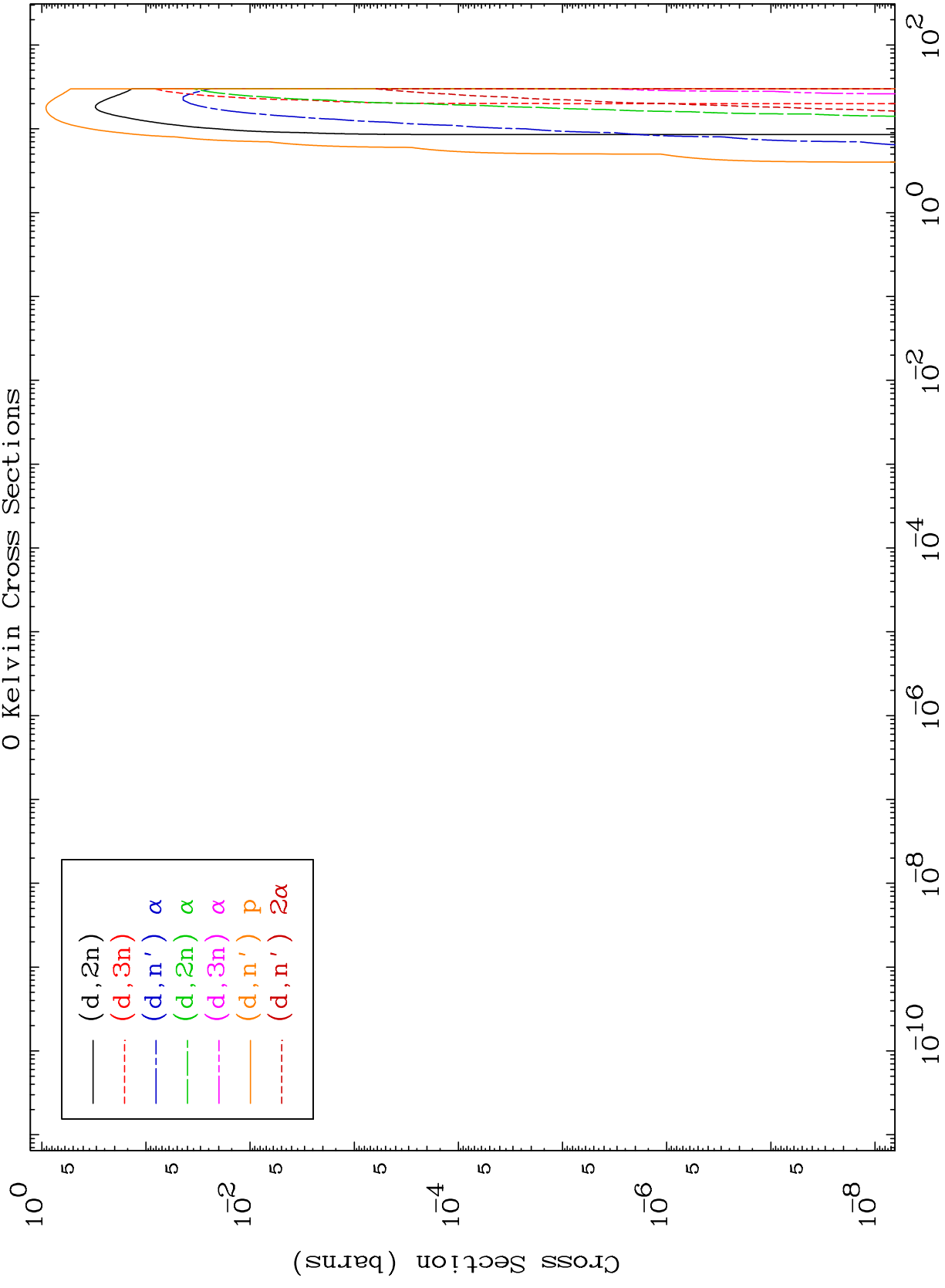
Incident Energy (MeV)

54-Xe-121

MAT 5416

Deuteron Neutron Production
0 Kelvin Cross Sections

54-Xe-121



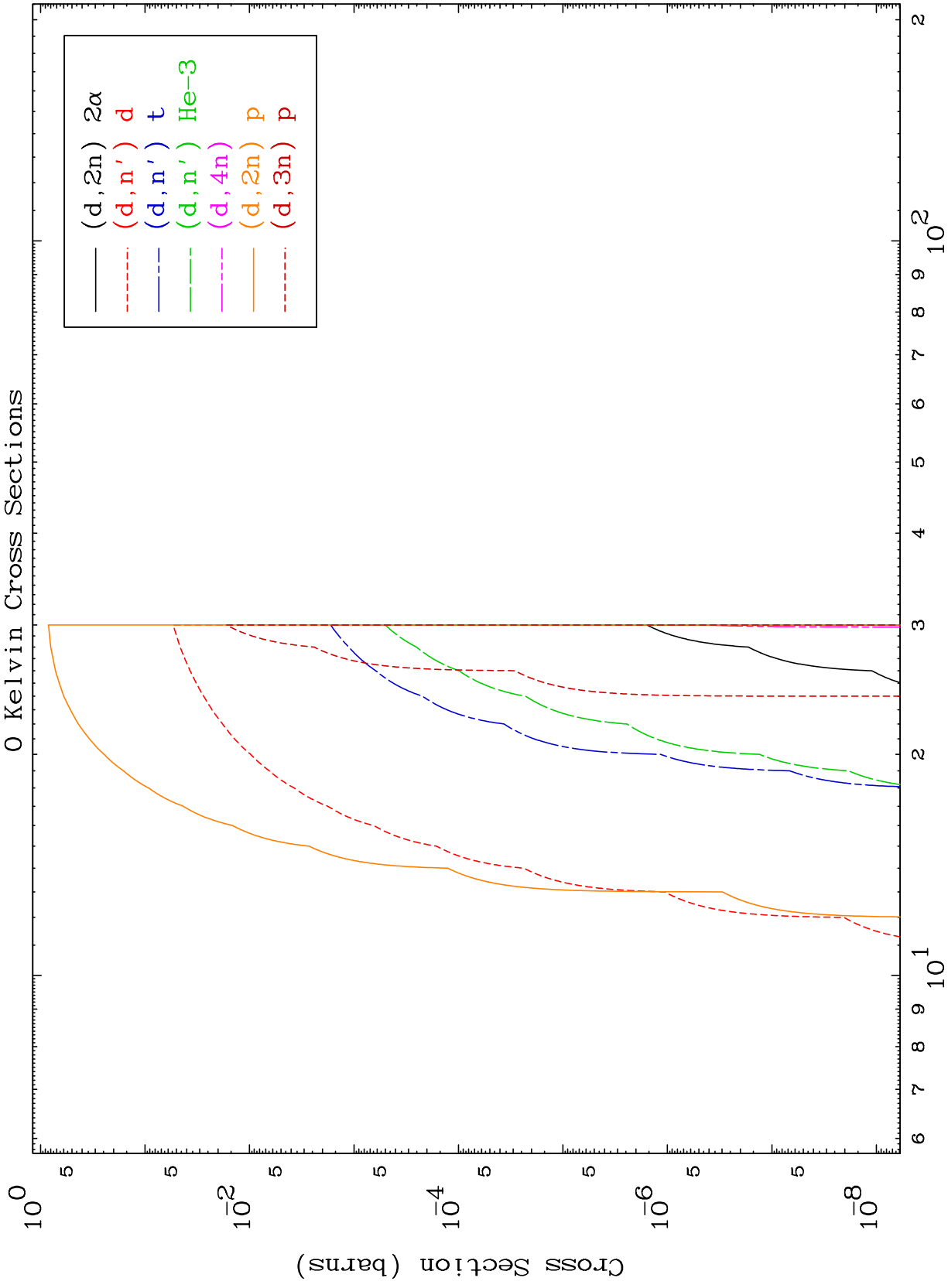
2

54-Xe-121

MAT 5416

Deuteron Neutron Production
0 Kelvin Cross Sections

54-Xe-121



3

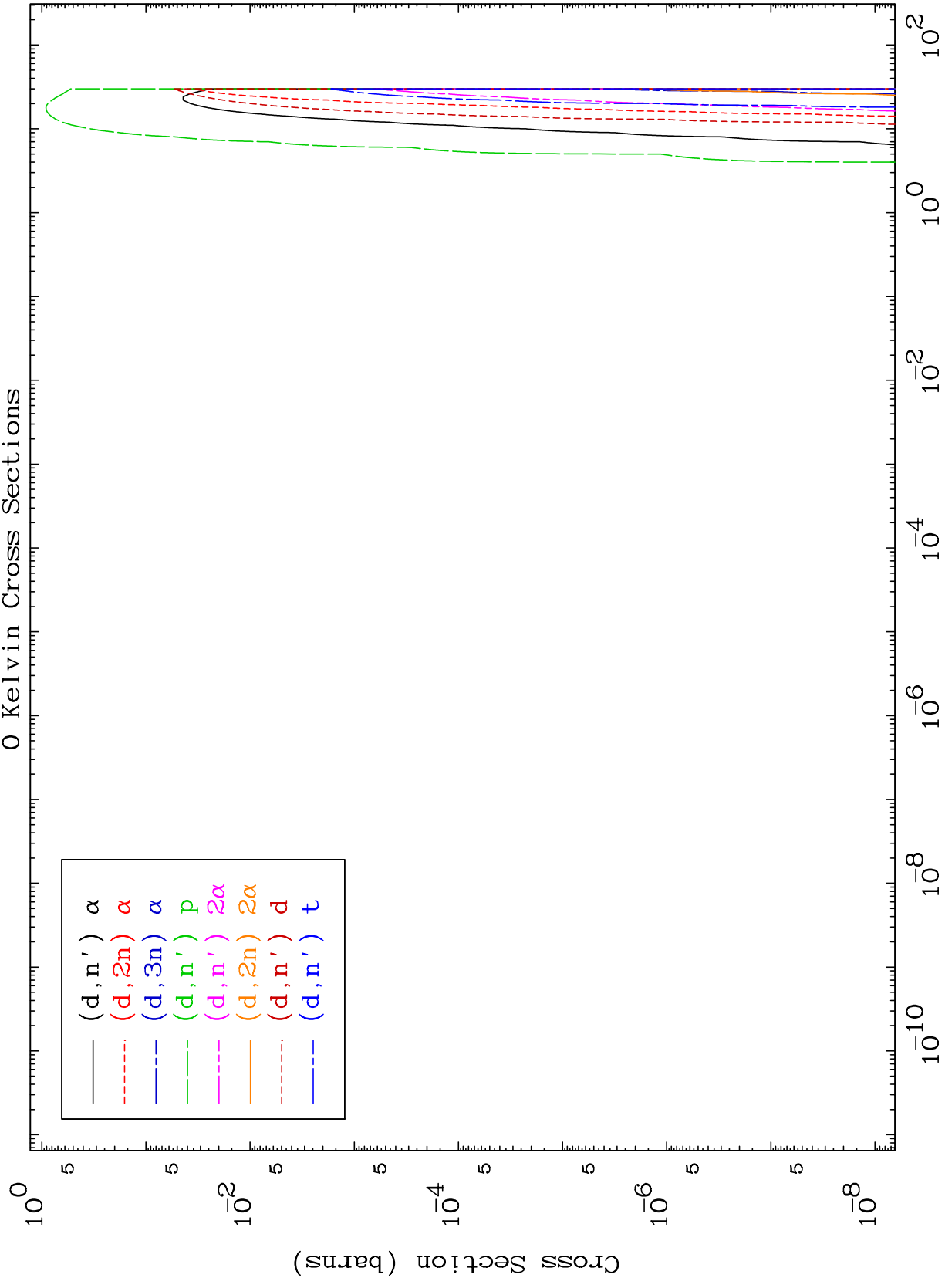
Incident Energy (MeV)

54-Xe-121

MAT 5416

Deuteron Charged Particle
0 Kelvin Cross Sections

54-Xe-121

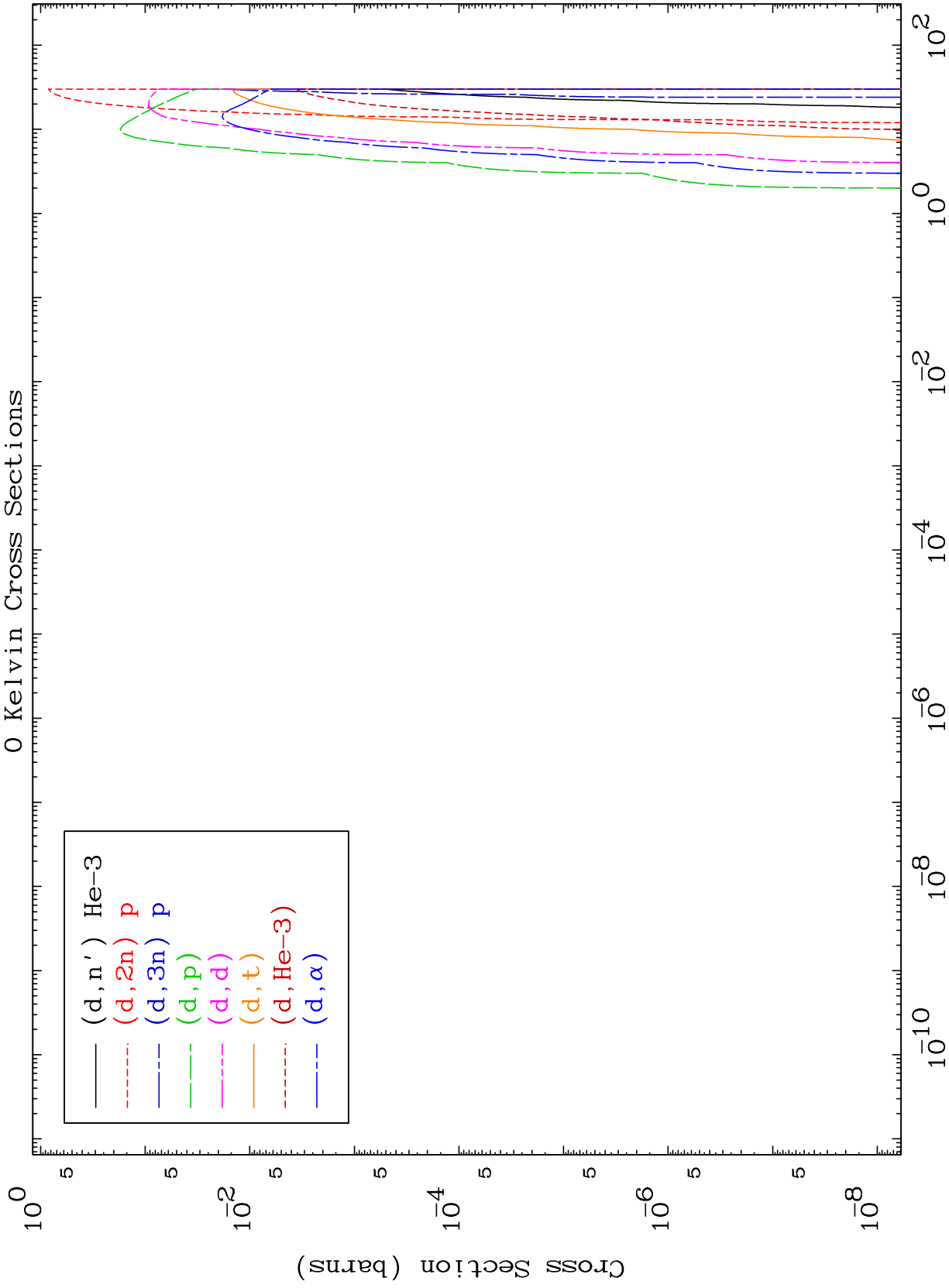


54-Xe-121

MAT 5416

Deuteron Charged Particle
0 Kelvin Cross Sections

54-Xe-121



5

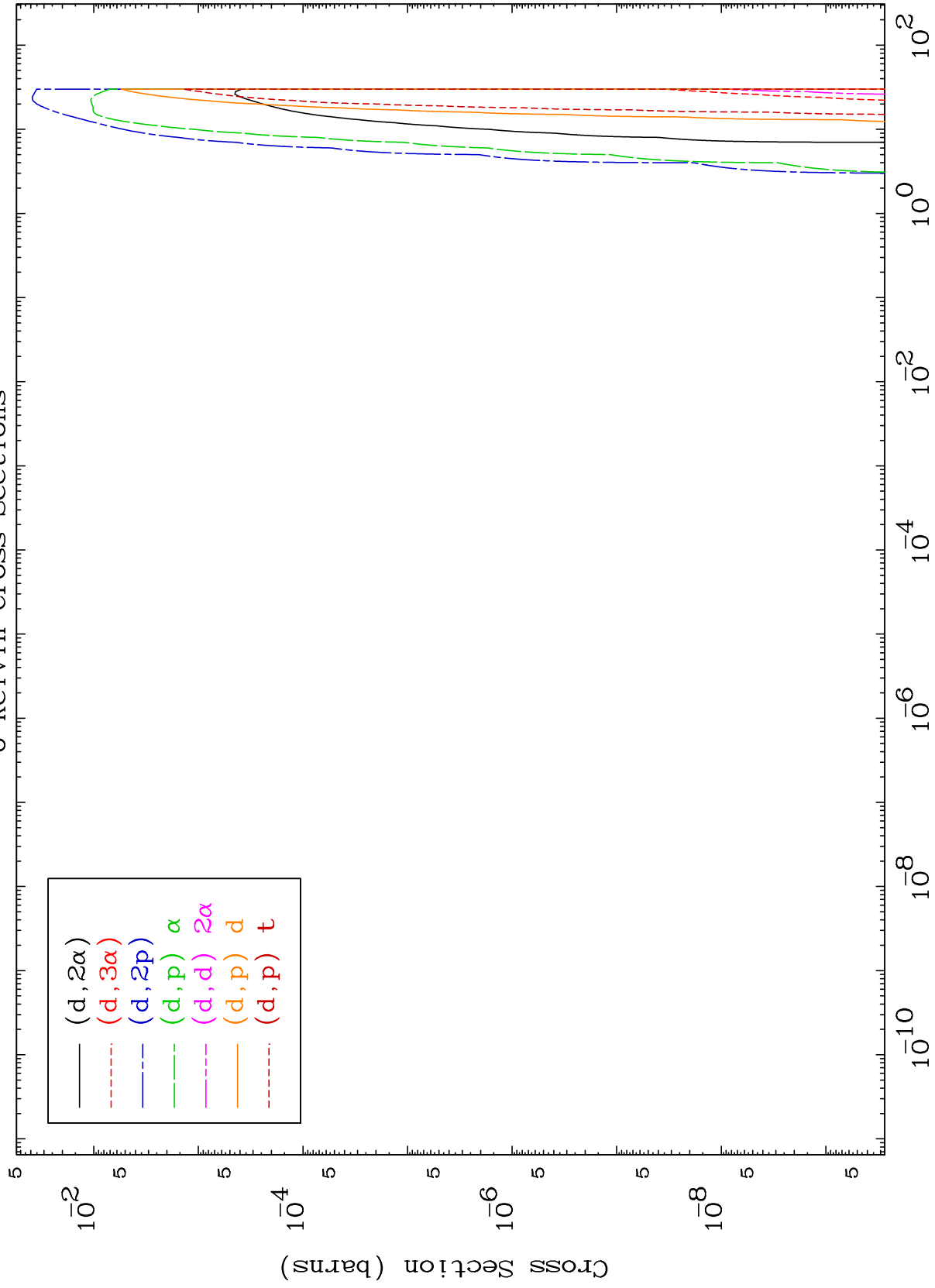
Incident Energy (MeV)

54-Xe-121

MAT 5416

Deuteron Charged Particle
0 Kelvin Cross Sections

54-Xe-121



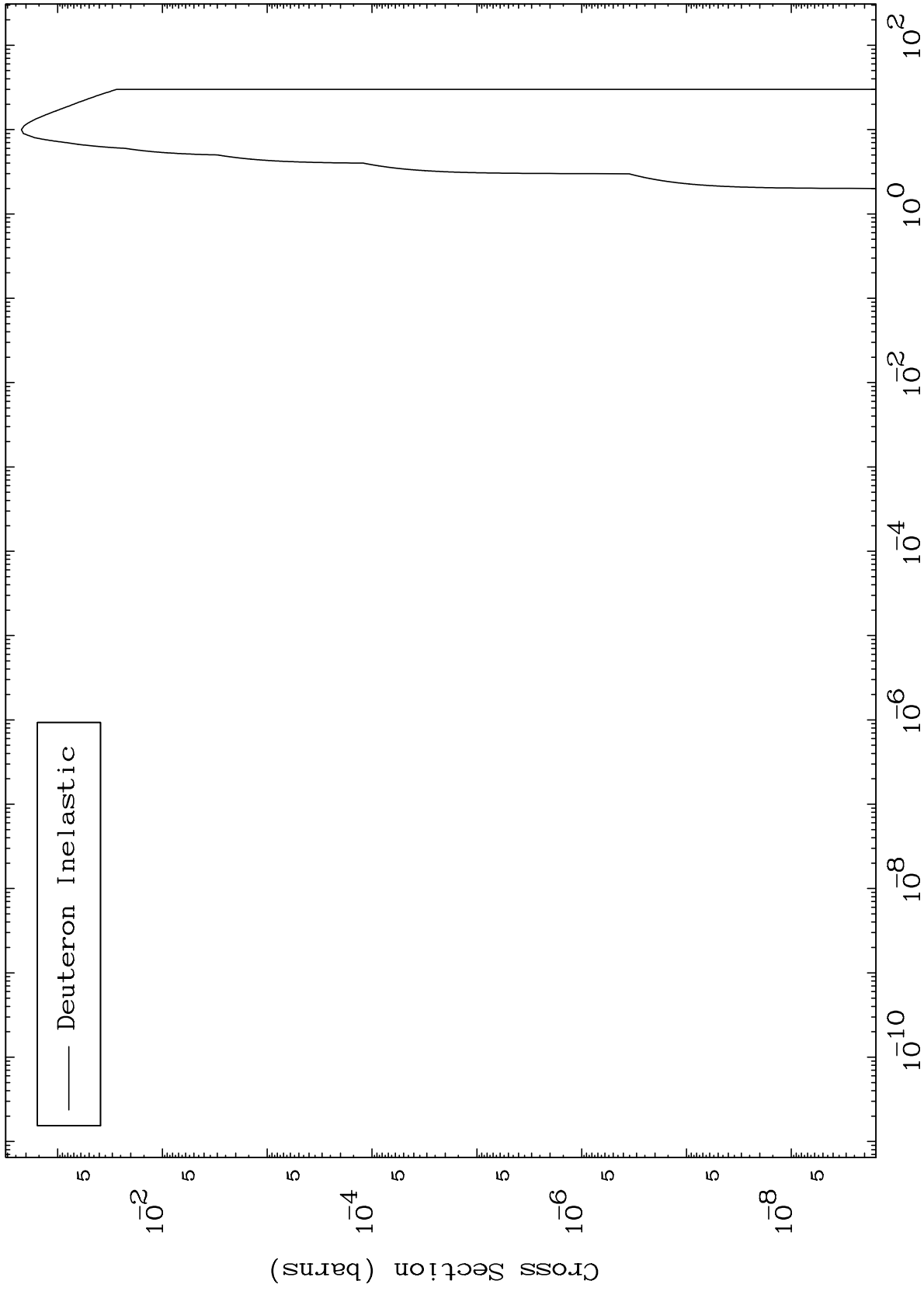
6

54-Xe-121

MAT 5416

(d,n') Level
0 Kelvin Cross Sections

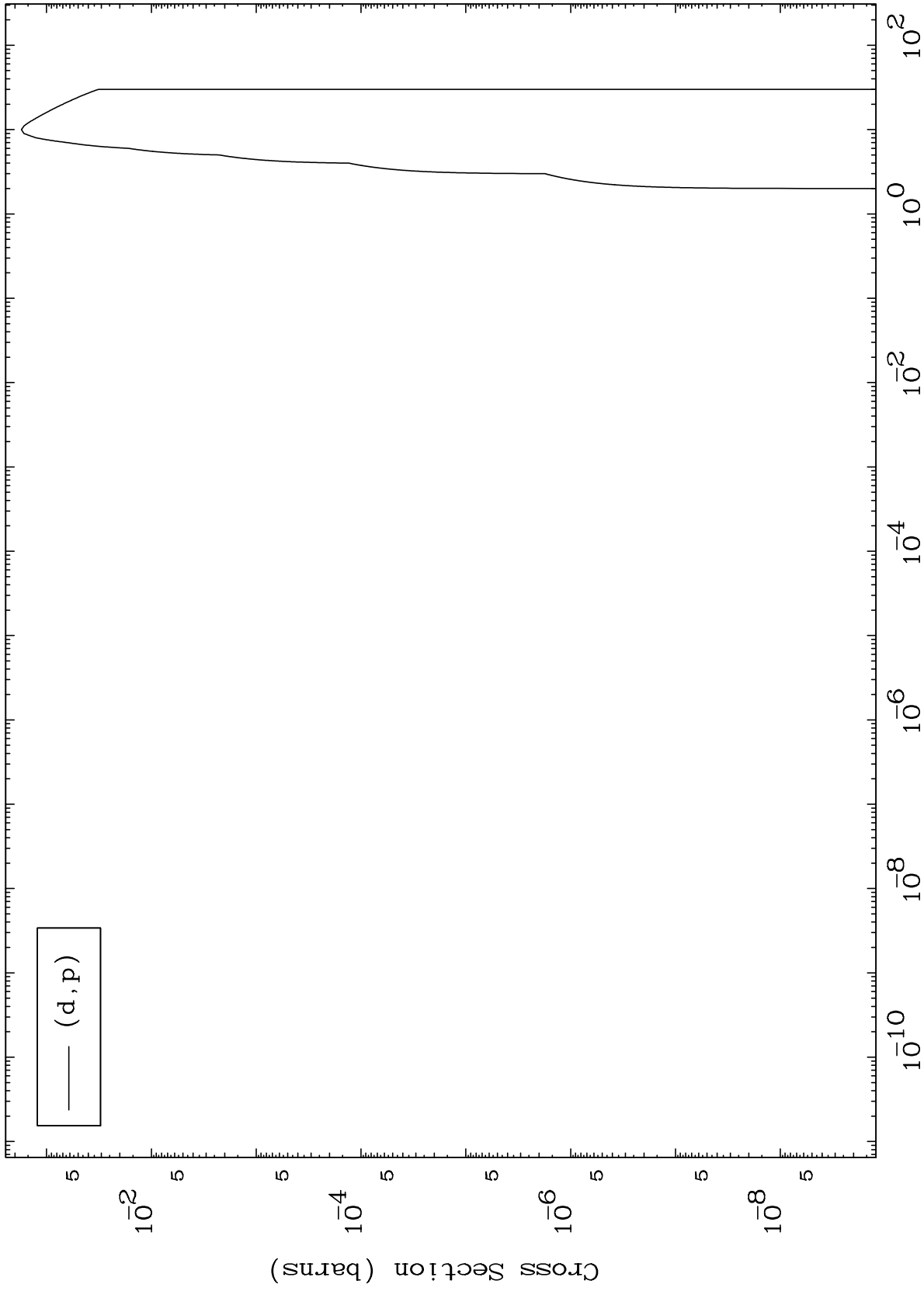
54-Xe-121



MAT 5416

(d,p) Levels
0 Kelvin Cross Sections

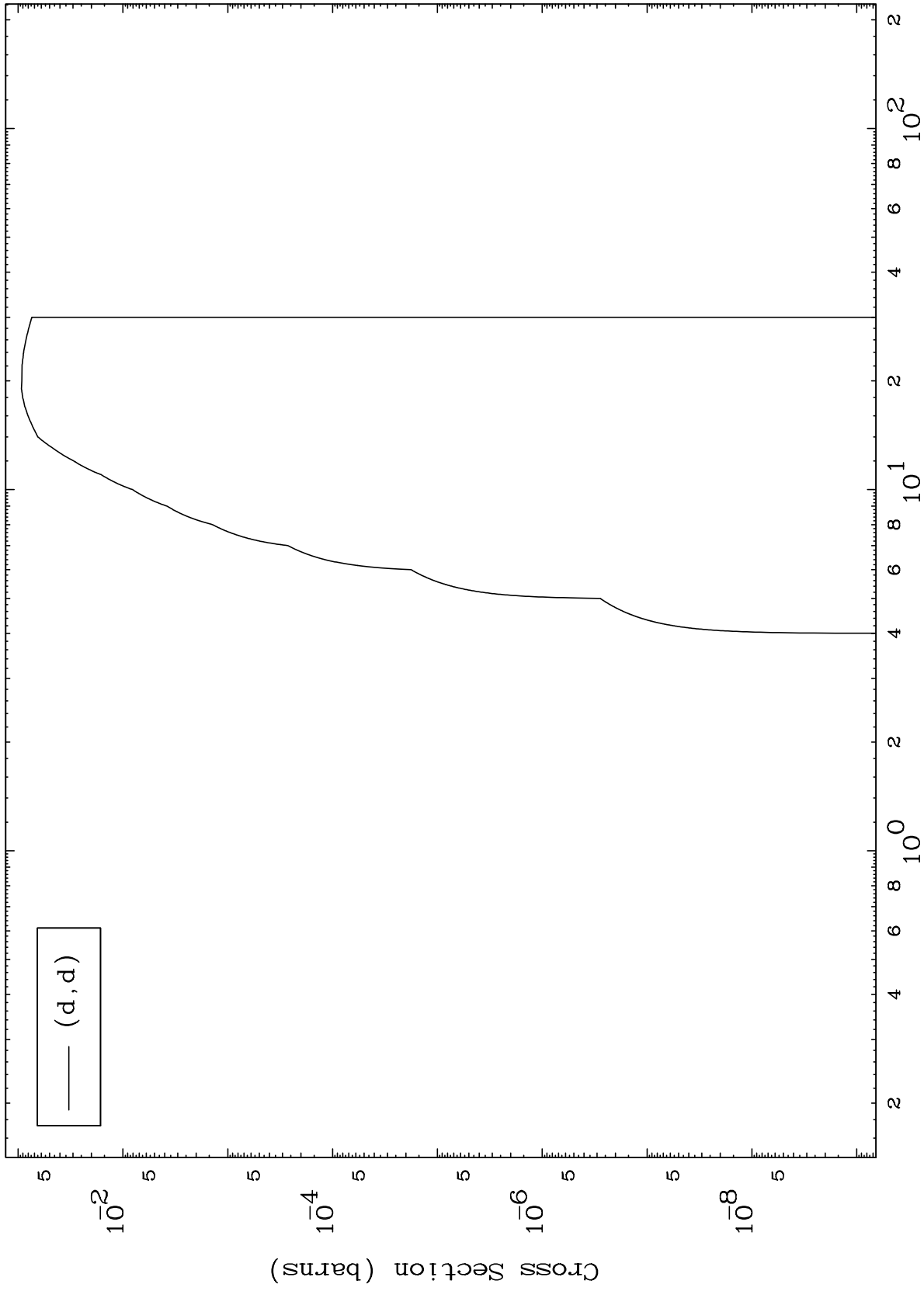
54-Xe-121



MAT 5416

(d,d) Levels
0 Kelvin Cross Sections

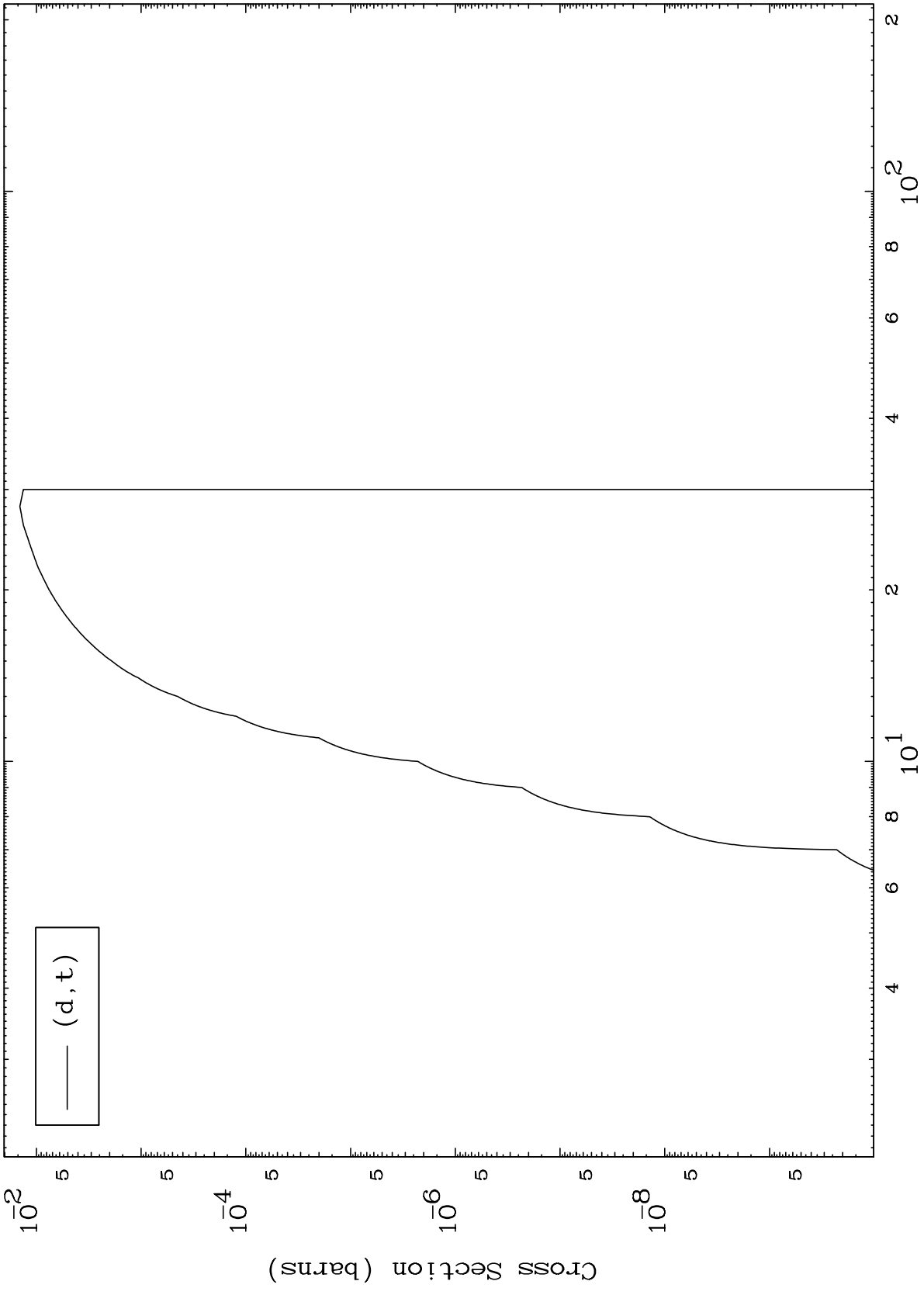
54-Xe-121



MAT 5416

(d,t) Levels
0 Kelvin Cross Sections

54-Xe-121



10

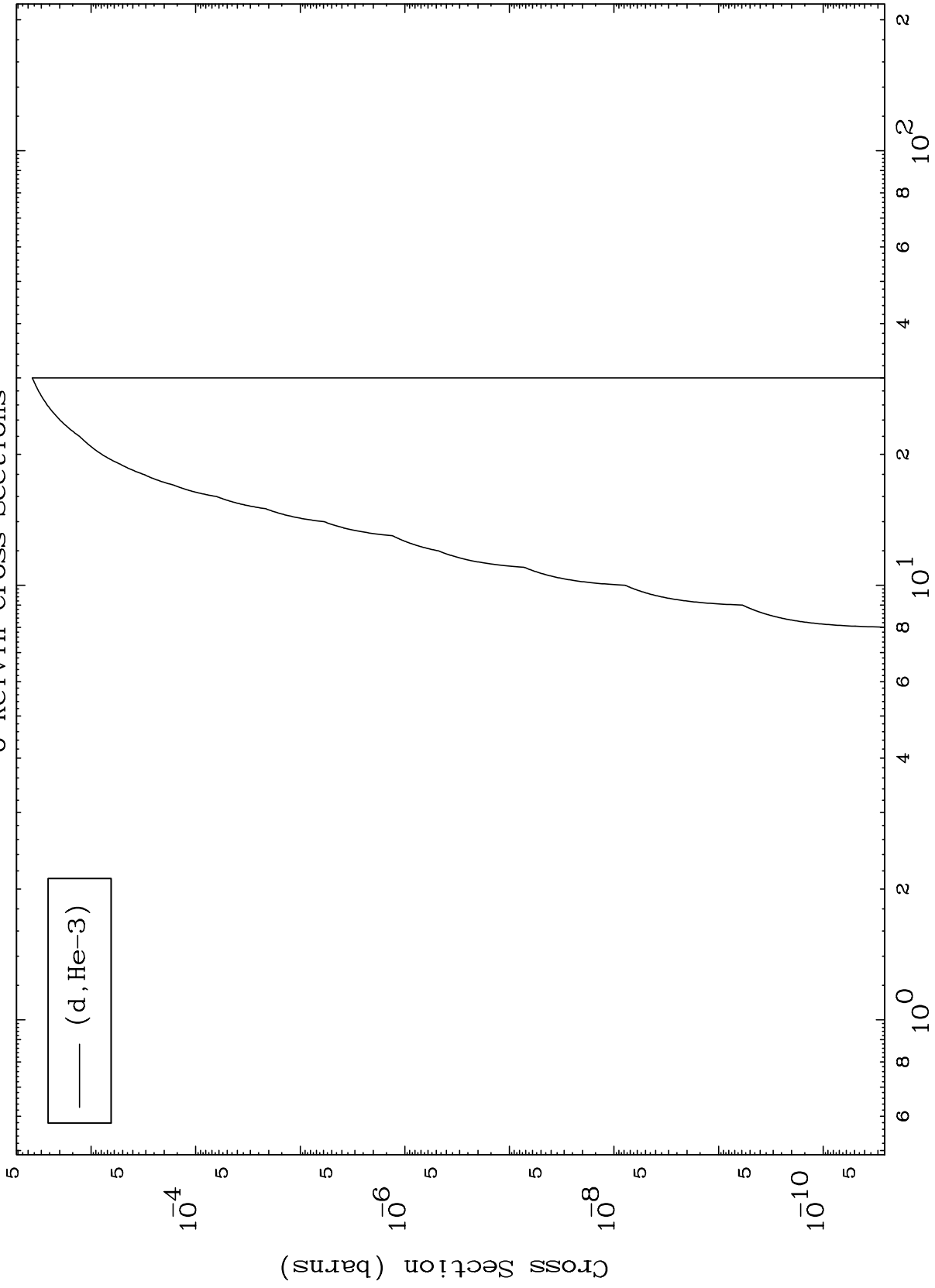
Incident Energy (MeV)

54-Xe-121

MAT 5416

(d,He3) Levels
0 Kelvin Cross Sections

54-Xe-121



11

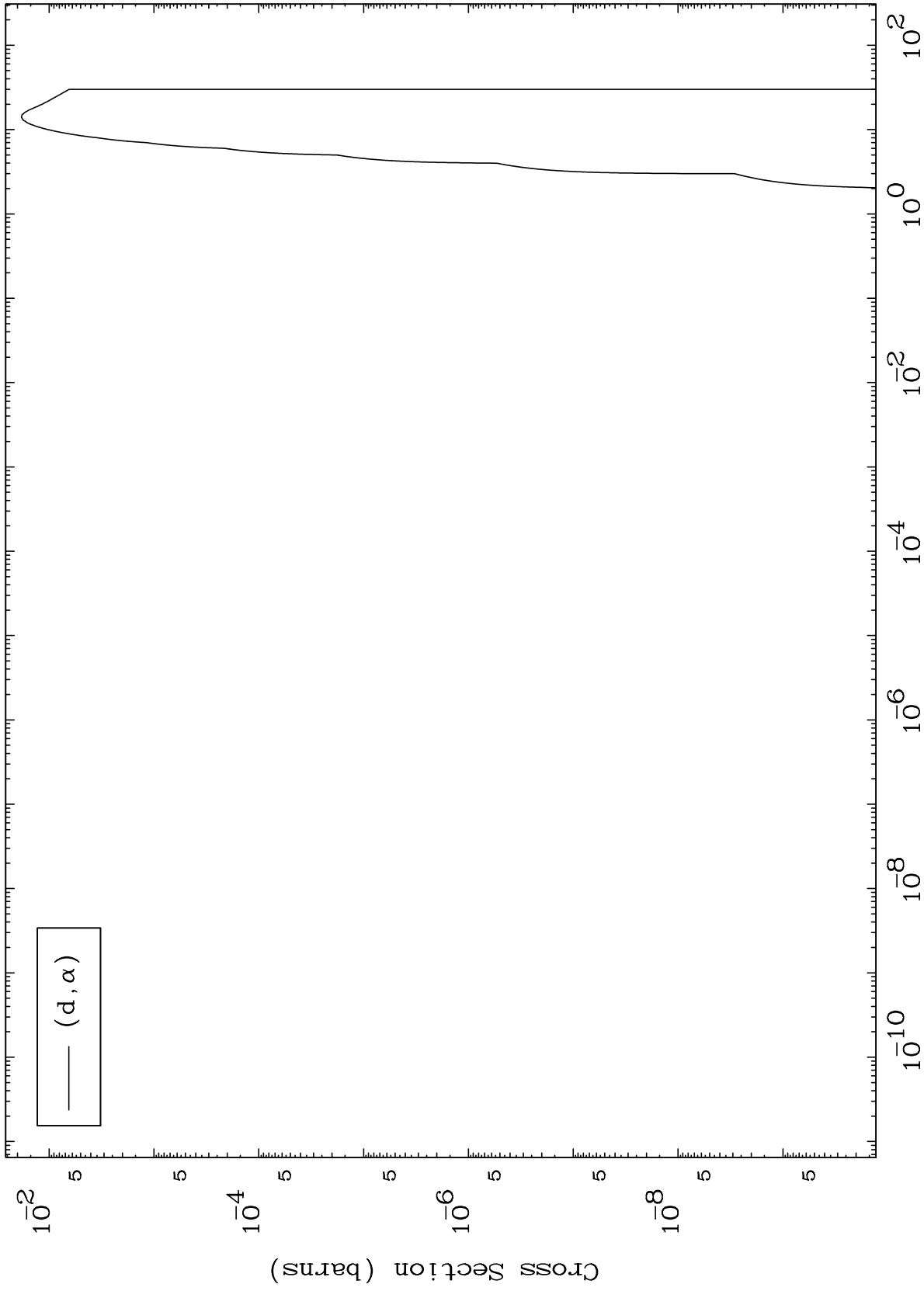
Incident Energy (MeV)

54-Xe-121

MAT 5416

(d, α) Levels
0 Kelvin Cross Sections

54-Xe-121



12

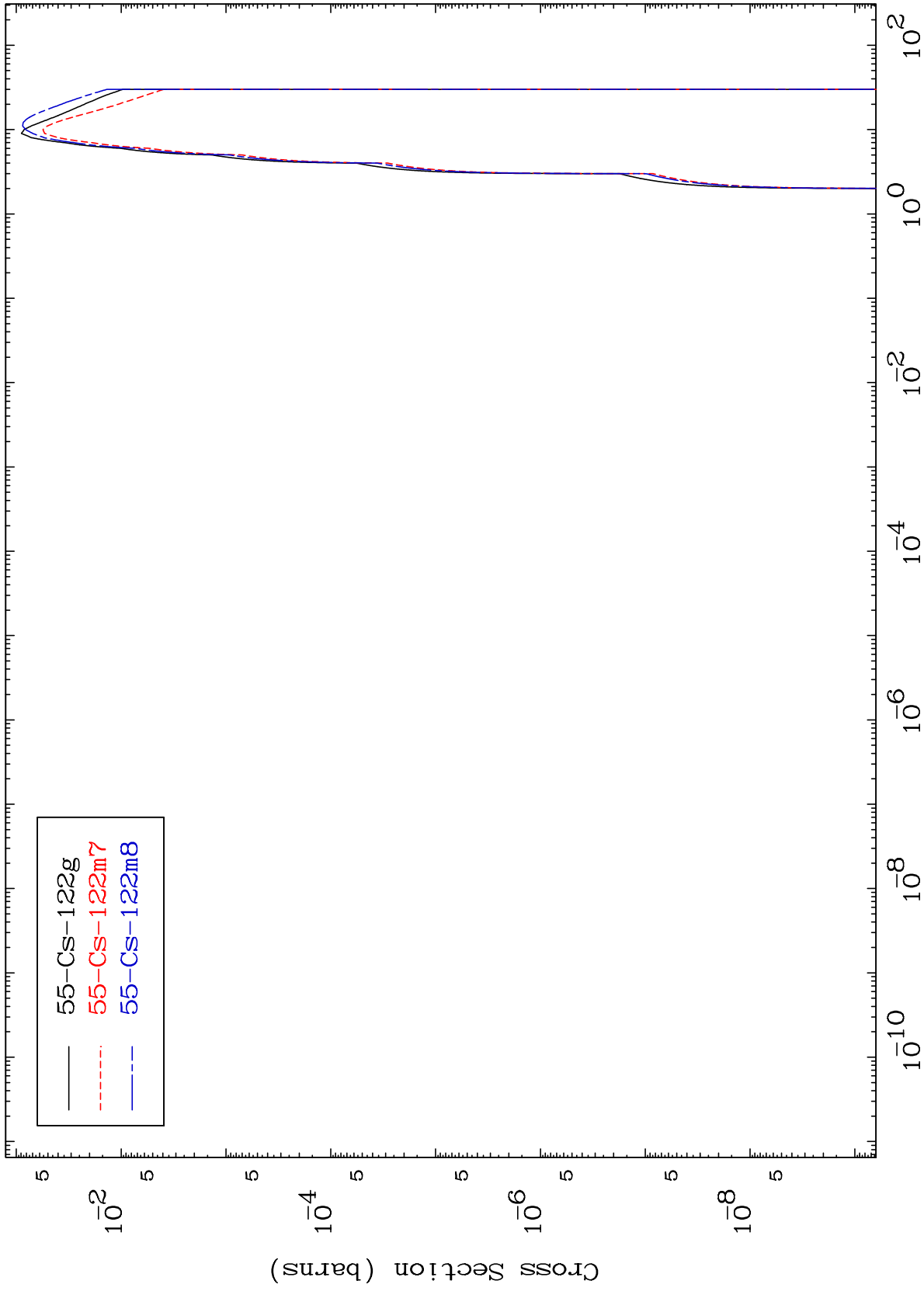
Incident Energy (MeV)

54-Xe-121

MAT 5416

Deuteron Inelastic
Radionuclide Production Cross Section

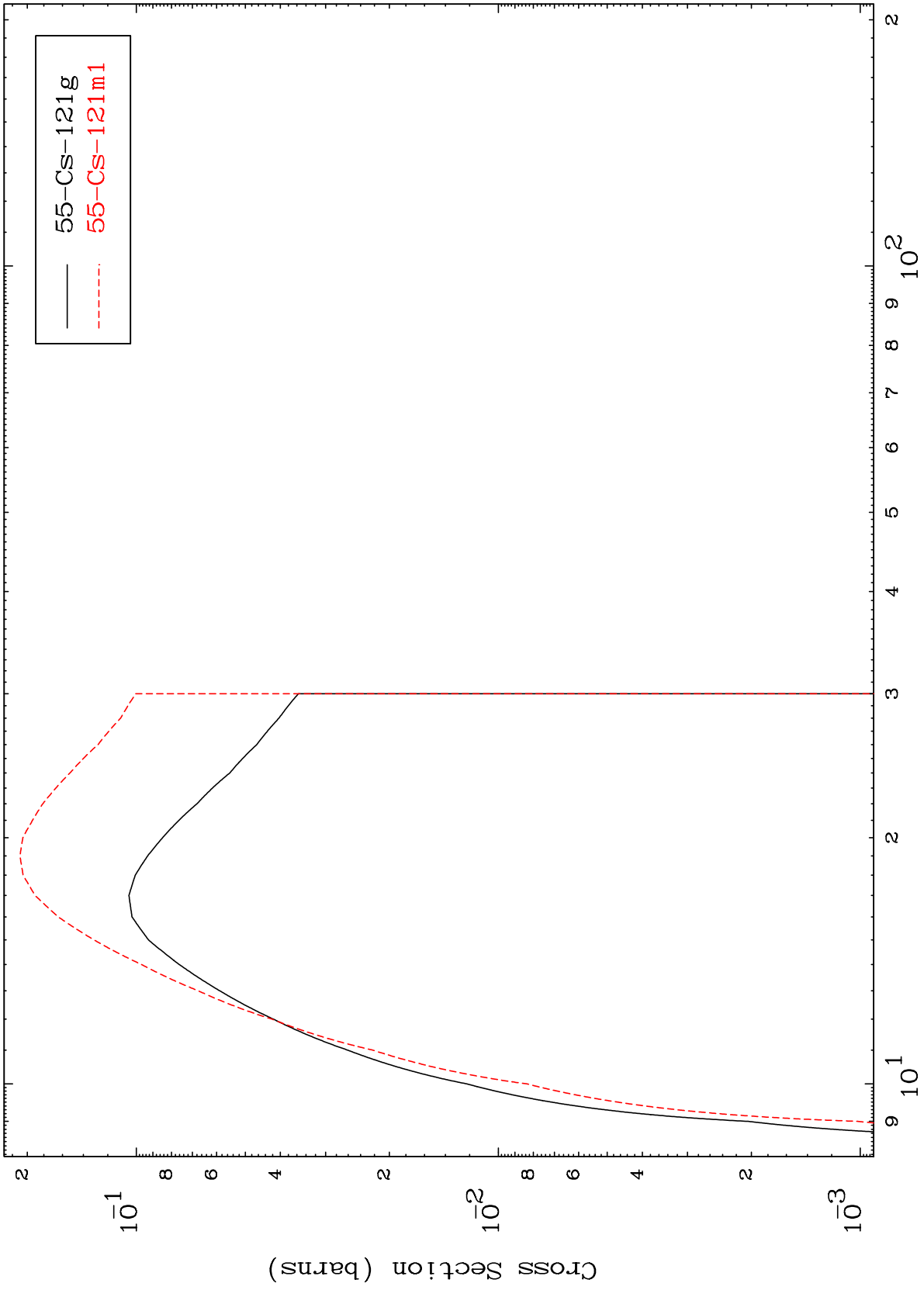
54-Xe-121



MAT 5416

54-Xe-121

(d,2n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

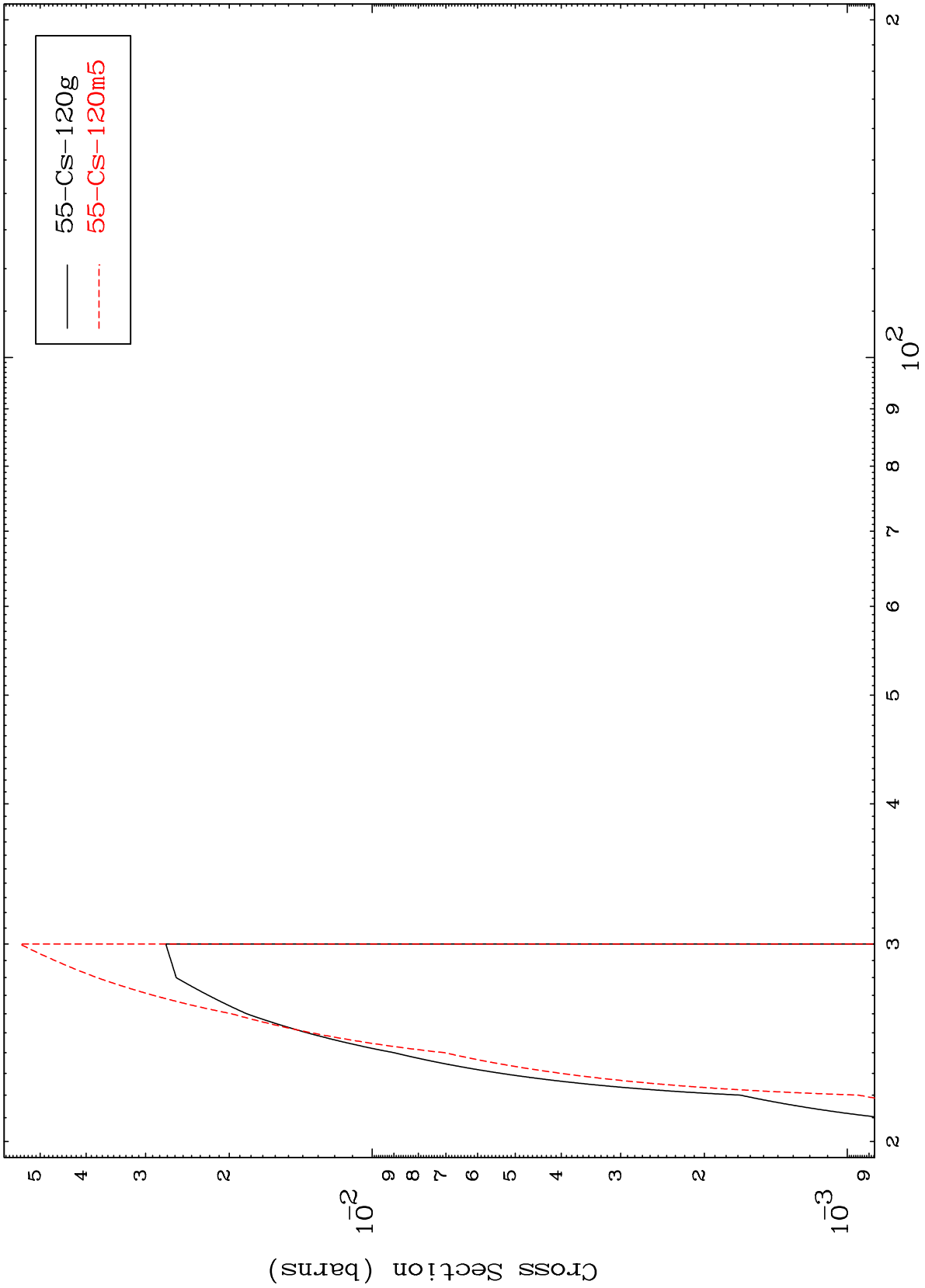
54-Xe-121

MAT 5416

(d,3n)

54-Xe-121

Radionuclide Production Cross Section



15

Incident Energy (MeV)

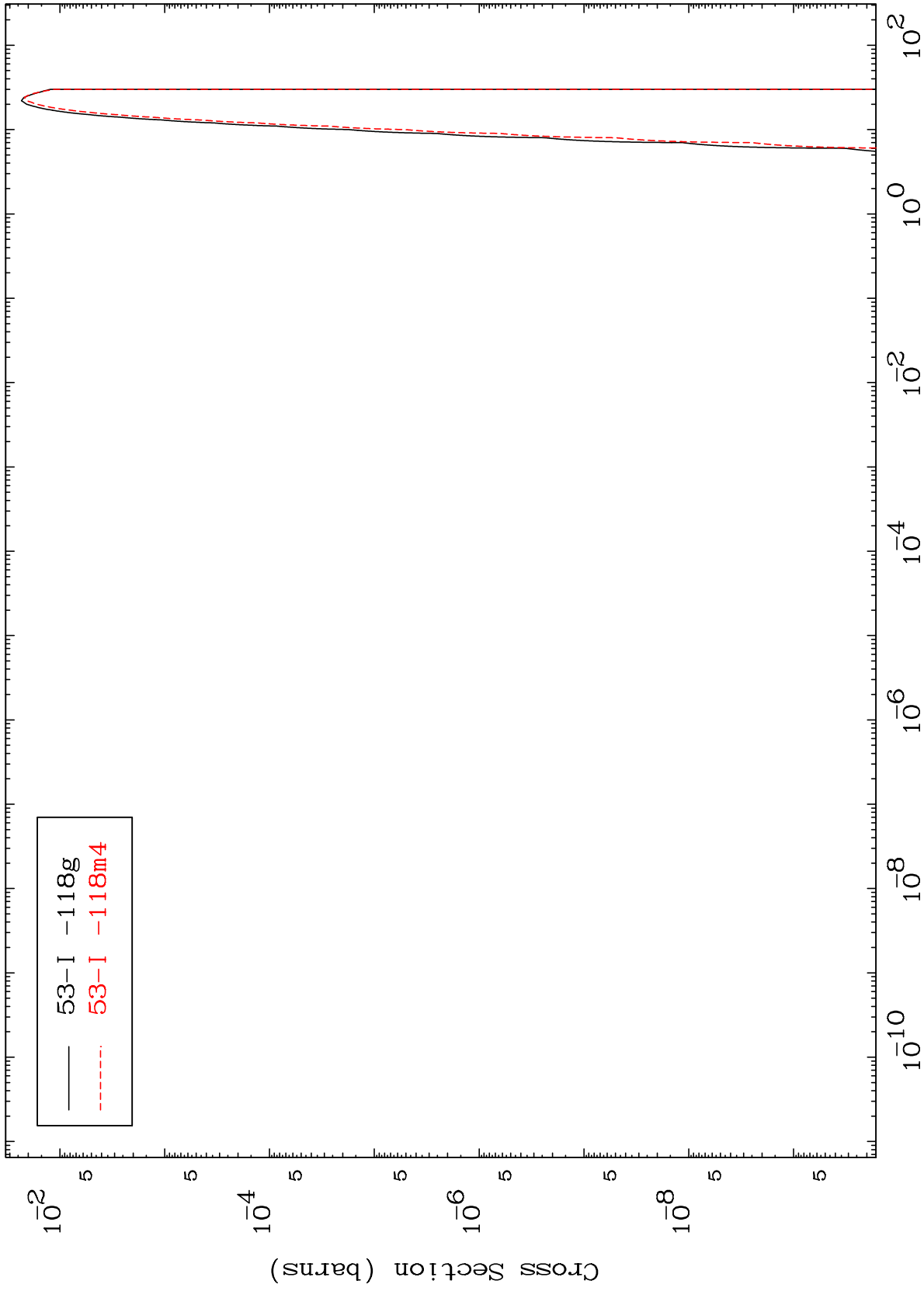
54-Xe-121

MAT 5416

(d,n') α

54-Xe-121

Radionuclide Production Cross Section



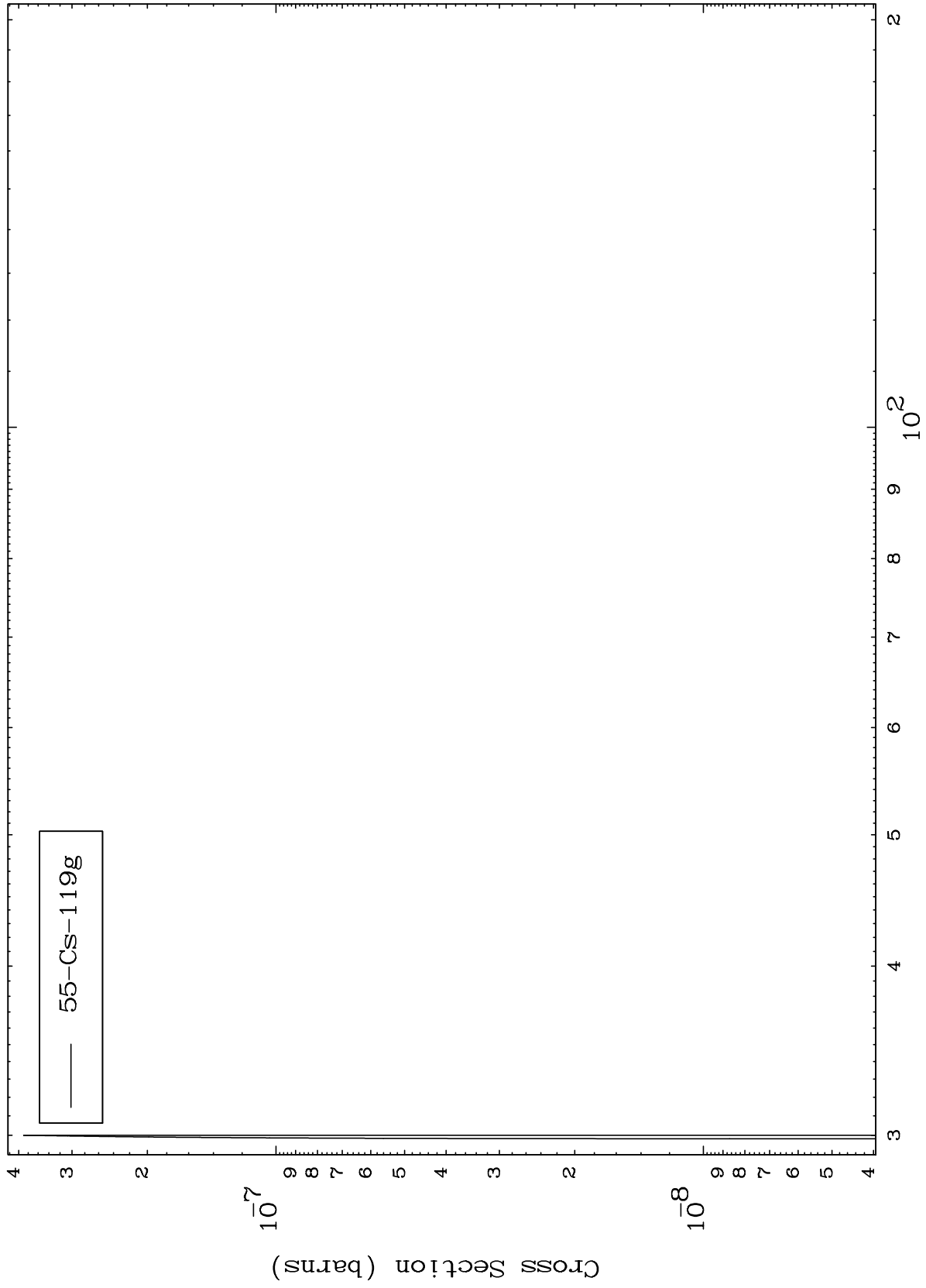
53-I -118g
53-I -118m4

MAT 5416

(d,4n)

54-Xe-121

Radionuclide Production Cross Section



17

Incident Energy (MeV)

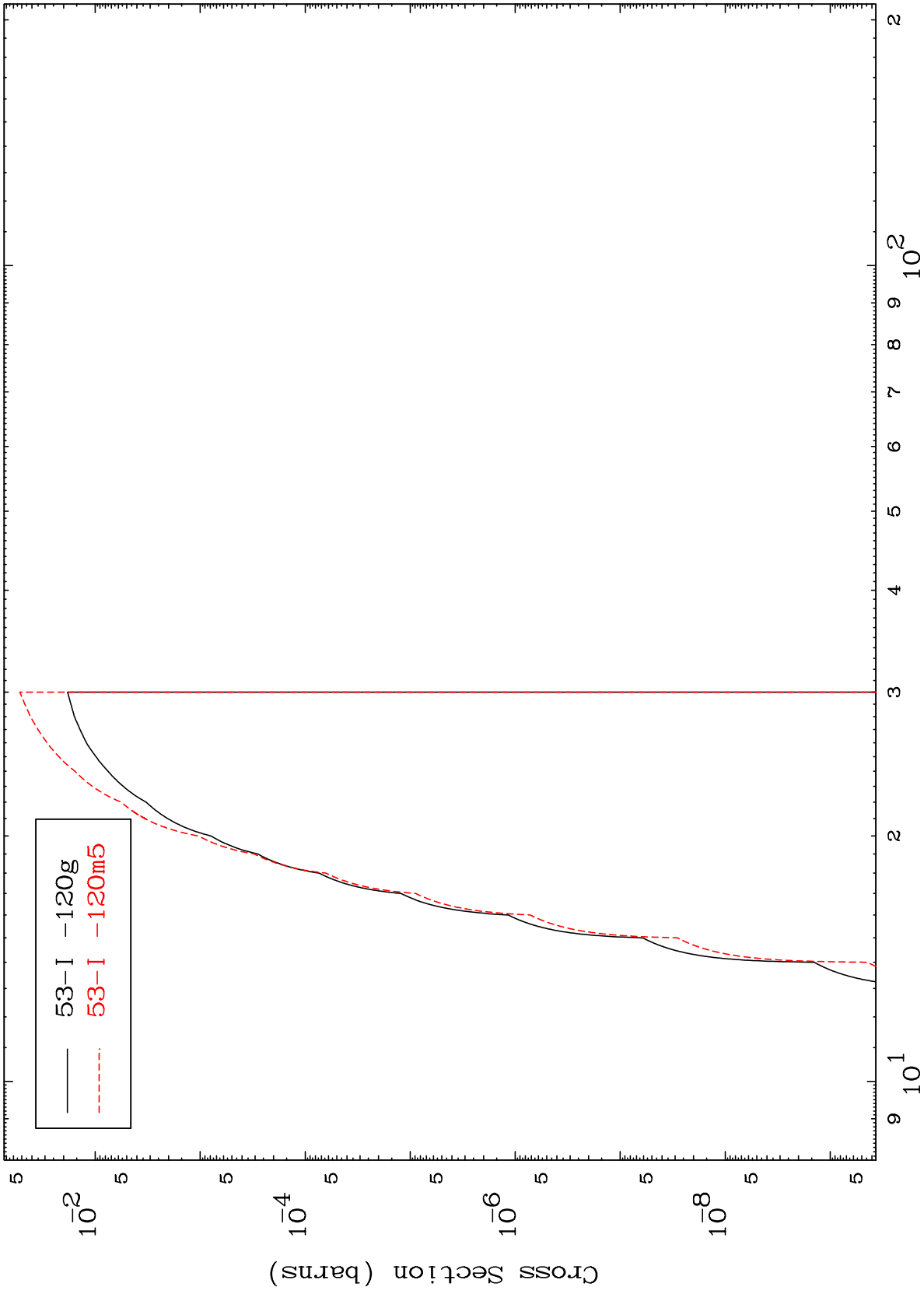
54-Xe-121

MAT 5416

(d,2n) p

54-Xe-121

Radionuclide Production Cross Section



53-I-120g
53-I-120m5

18

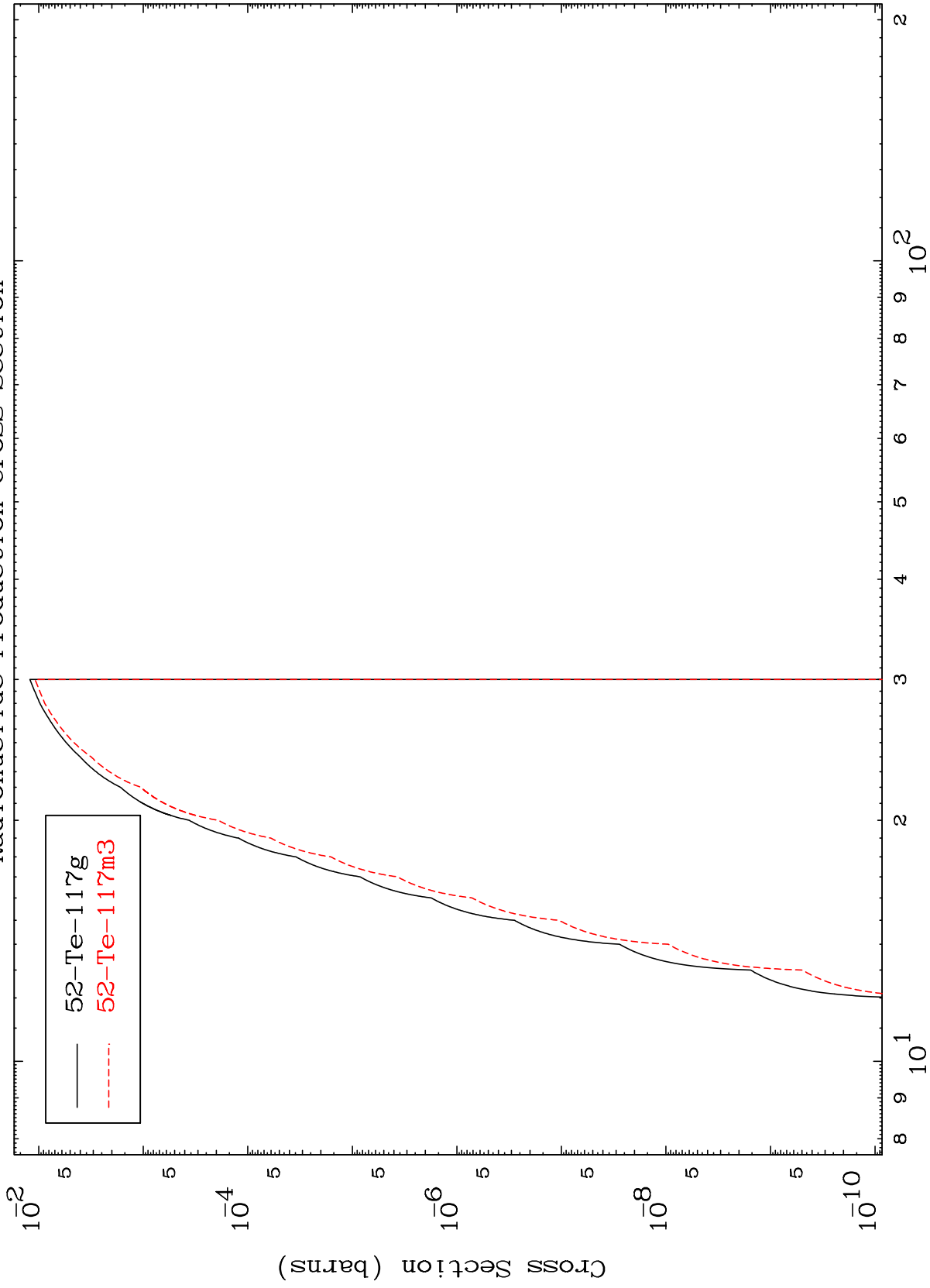
54-Xe-121

MAT 5416

(d,n') p α

54-Xe-121

Radionuclide Production Cross Section



19

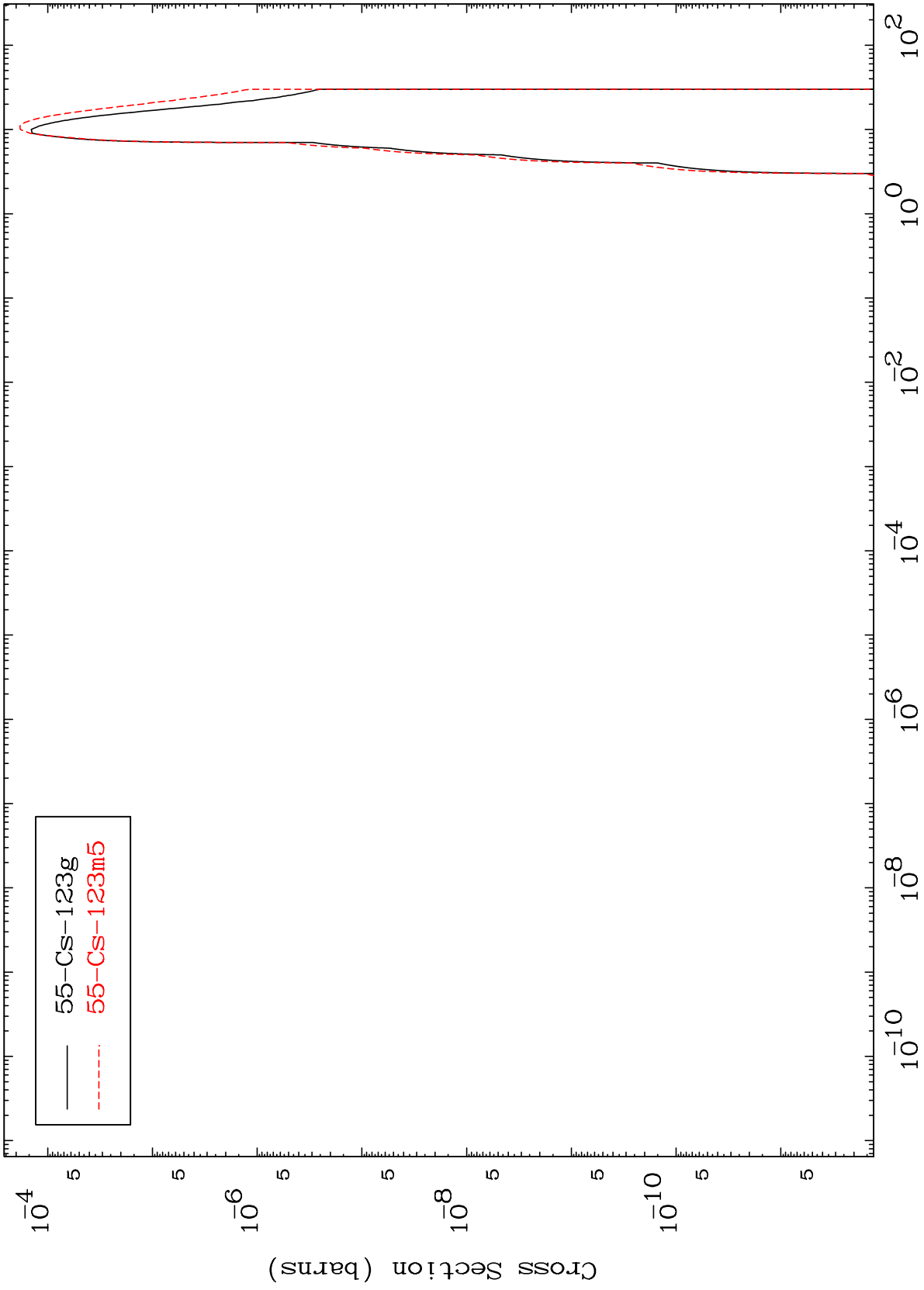
Incident Energy (MeV)

54-Xe-121

MAT 5416

(d, γ)
Radionuclide Production Cross Section

⁵⁴Xe-121



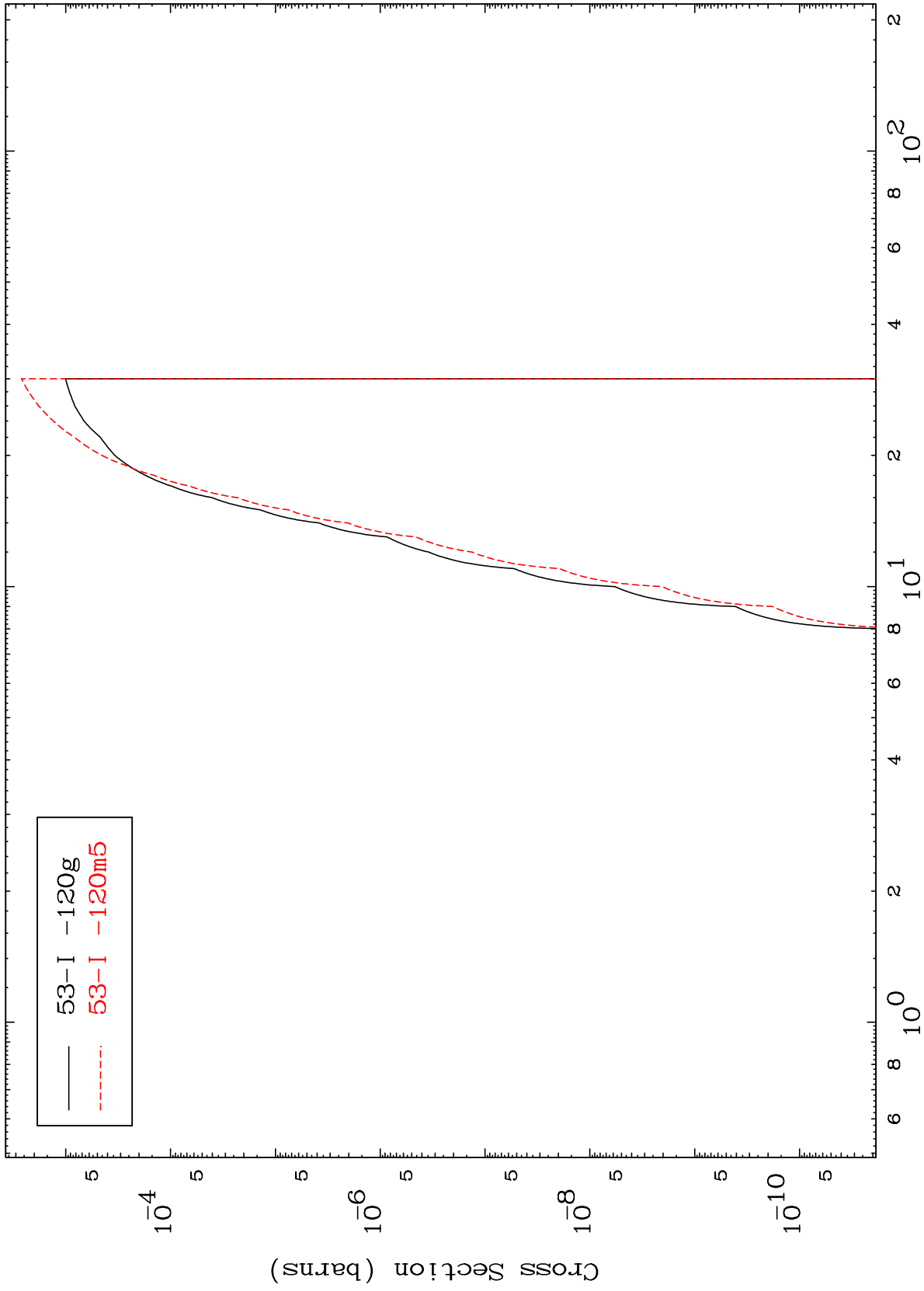
⁵⁴Xe-121

MAT 5416

(d, He-3)

54-Xe-121

Radionuclide Production Cross Section



21

Incident Energy (MeV)

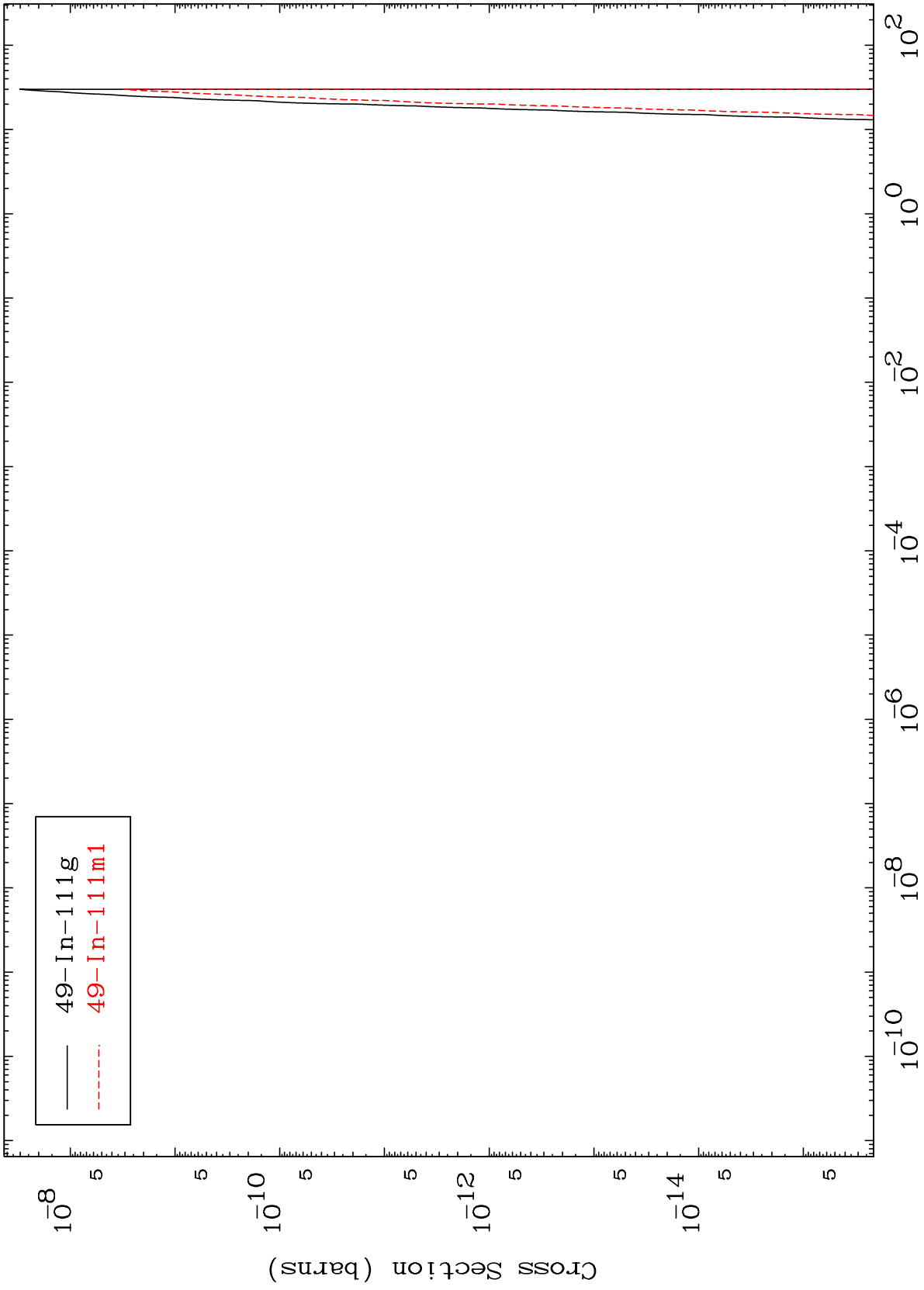
54-Xe-121

MAT 5416

(d,3α)

54-Xe-121

Radionuclide Production Cross Section

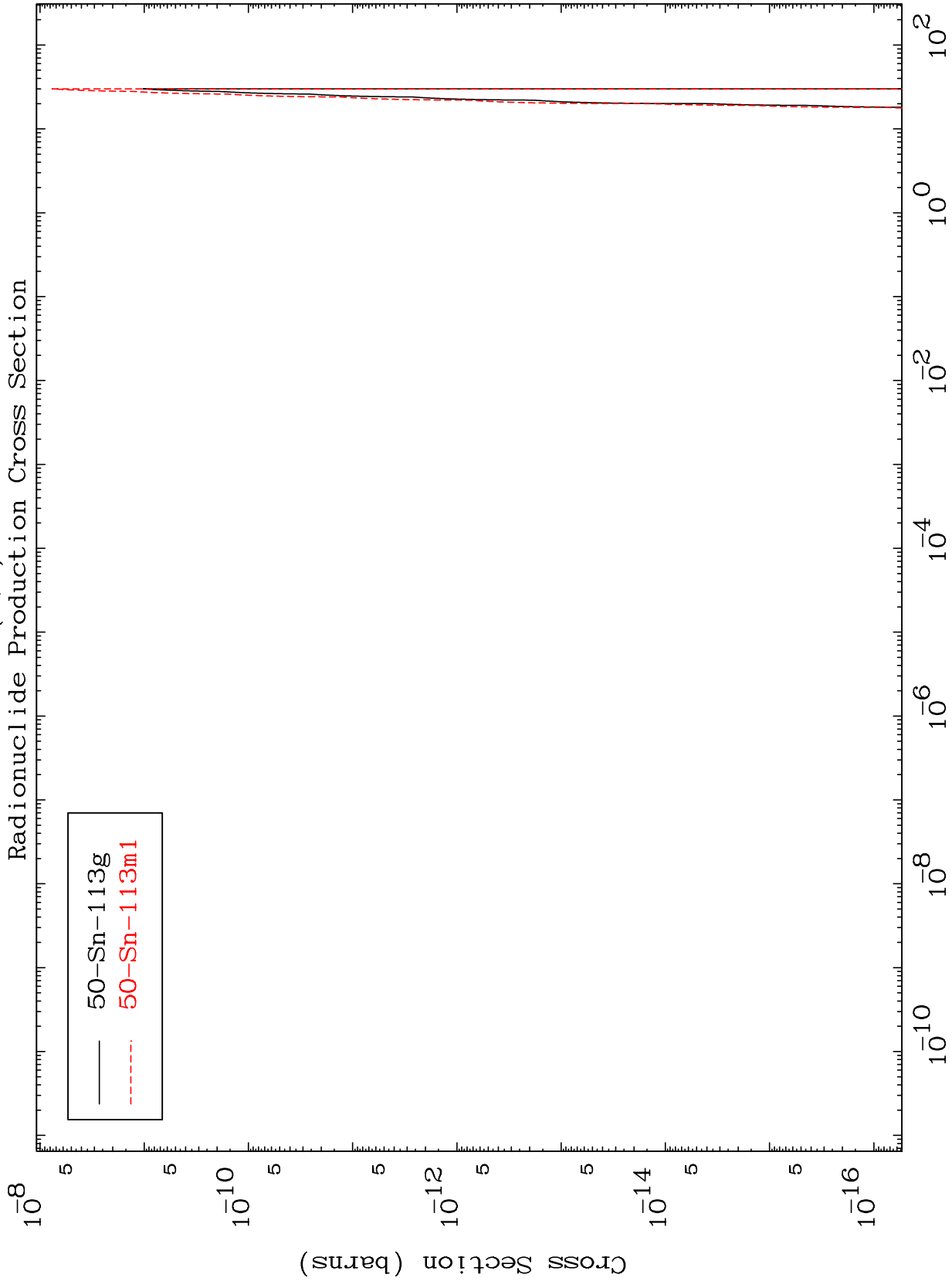


MAT 5416

(d,d) 2α

54-Xe-121

Radionuclide Production Cross Section



23

Incident Energy (MeV)

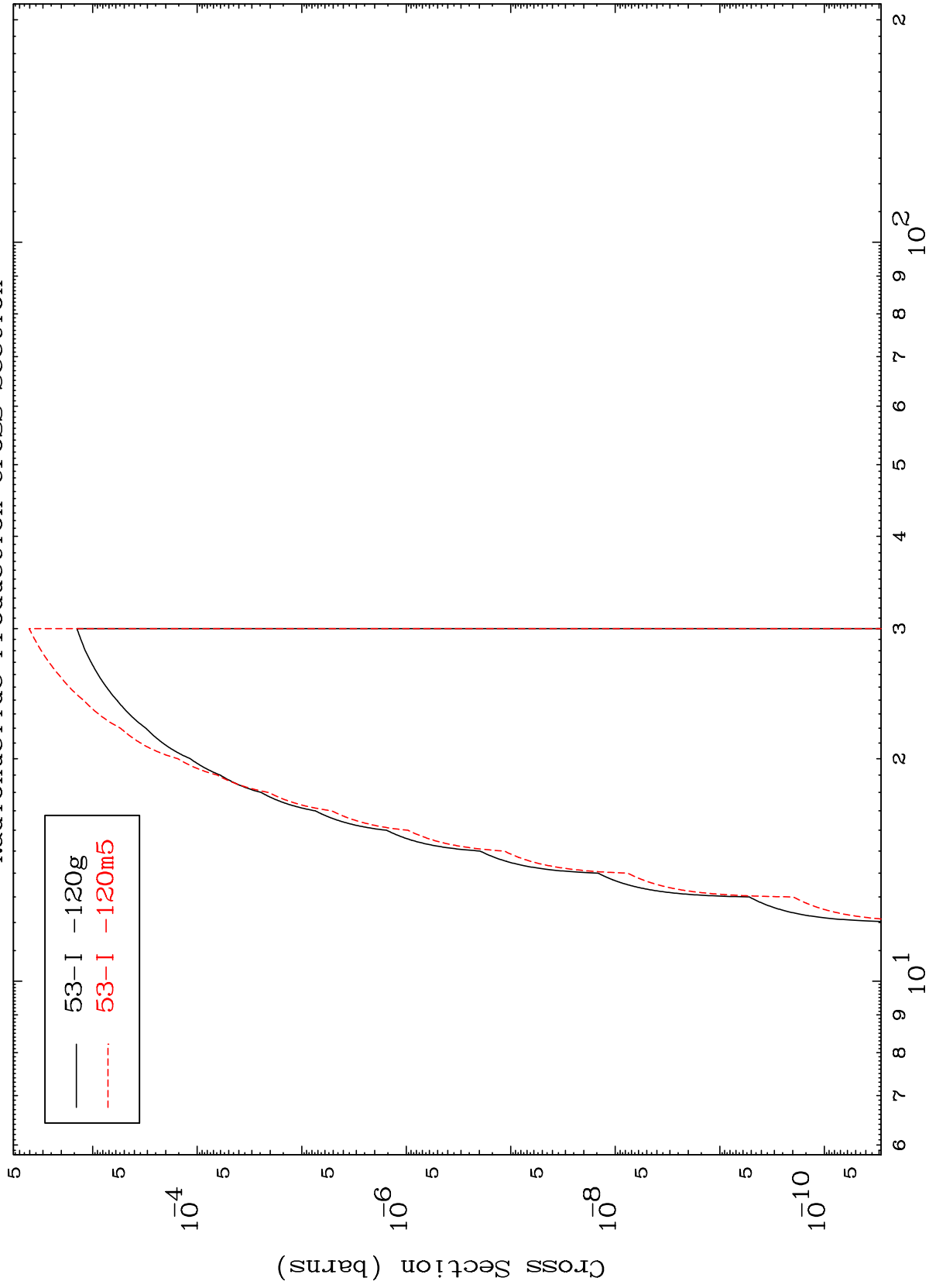
54-Xe-121

MAT 5416

(d,p) d

54-Xe-121

Radionuclide Production Cross Section



24

Incident Energy (MeV)

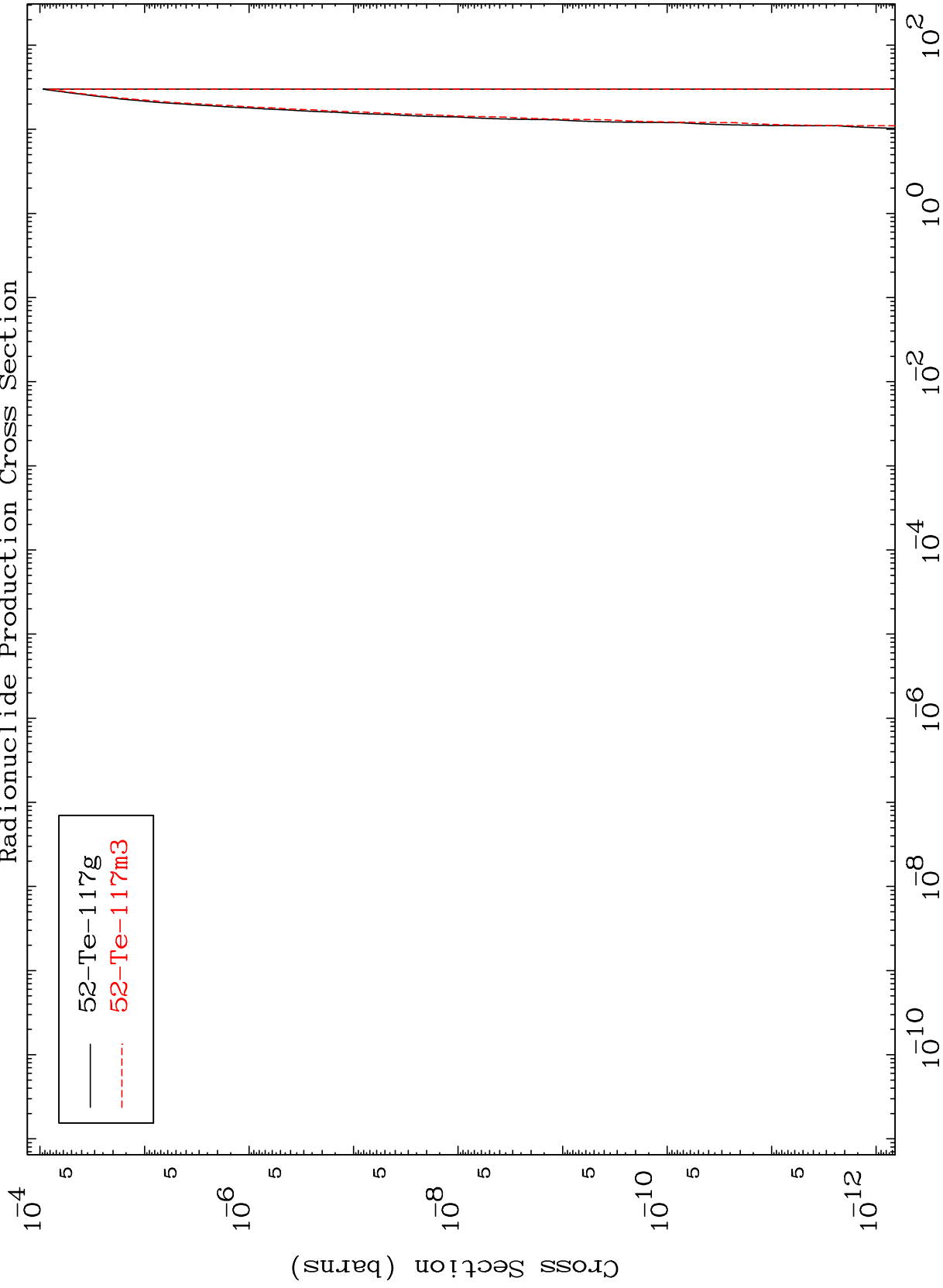
54-Xe-121

MAT 5416

(d,d) α

54-Xe-121

Radionuclide Production Cross Section



25

Incident Energy (MeV)

54-Xe-121