

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

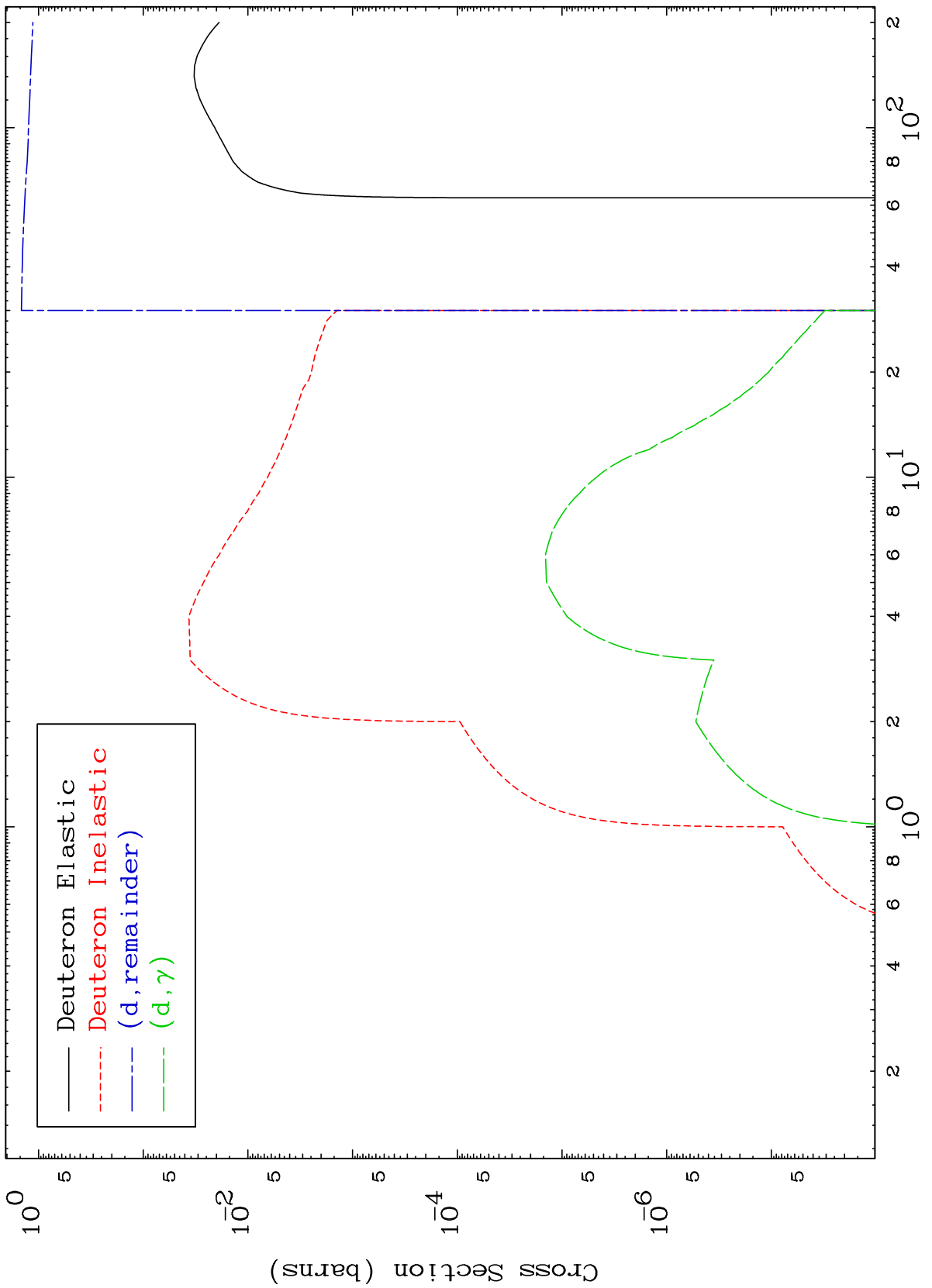
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2117

Deuteron Major
0 Kelvin Cross Sections

21-Sc-42

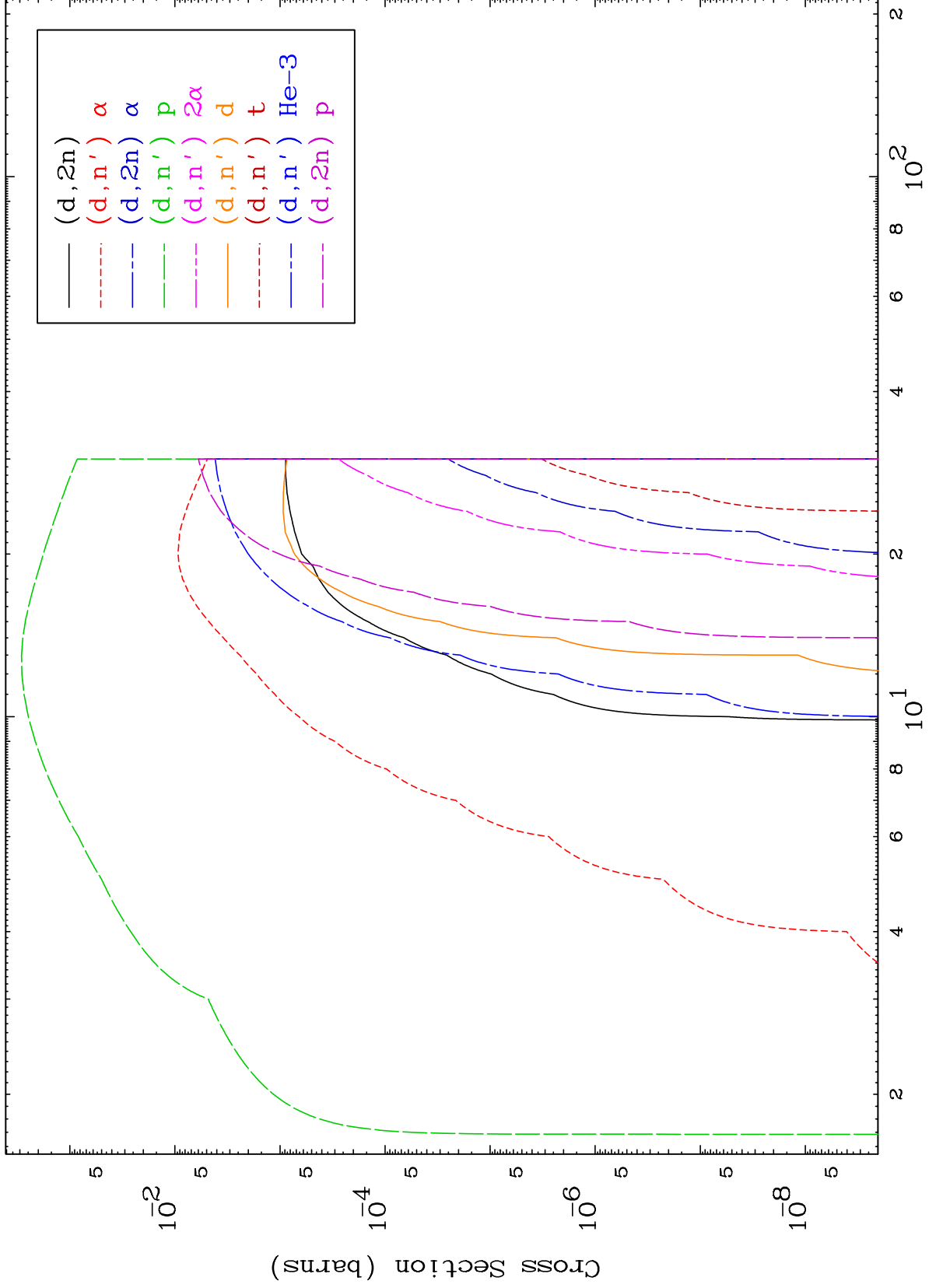


— Deuteron Elastic
- - - Deuteron Inelastic
- · - (d, remainder)
- · - (d, γ)

MAT 2117

Deuteron Neutron Production
0 Kelvin Cross Sections

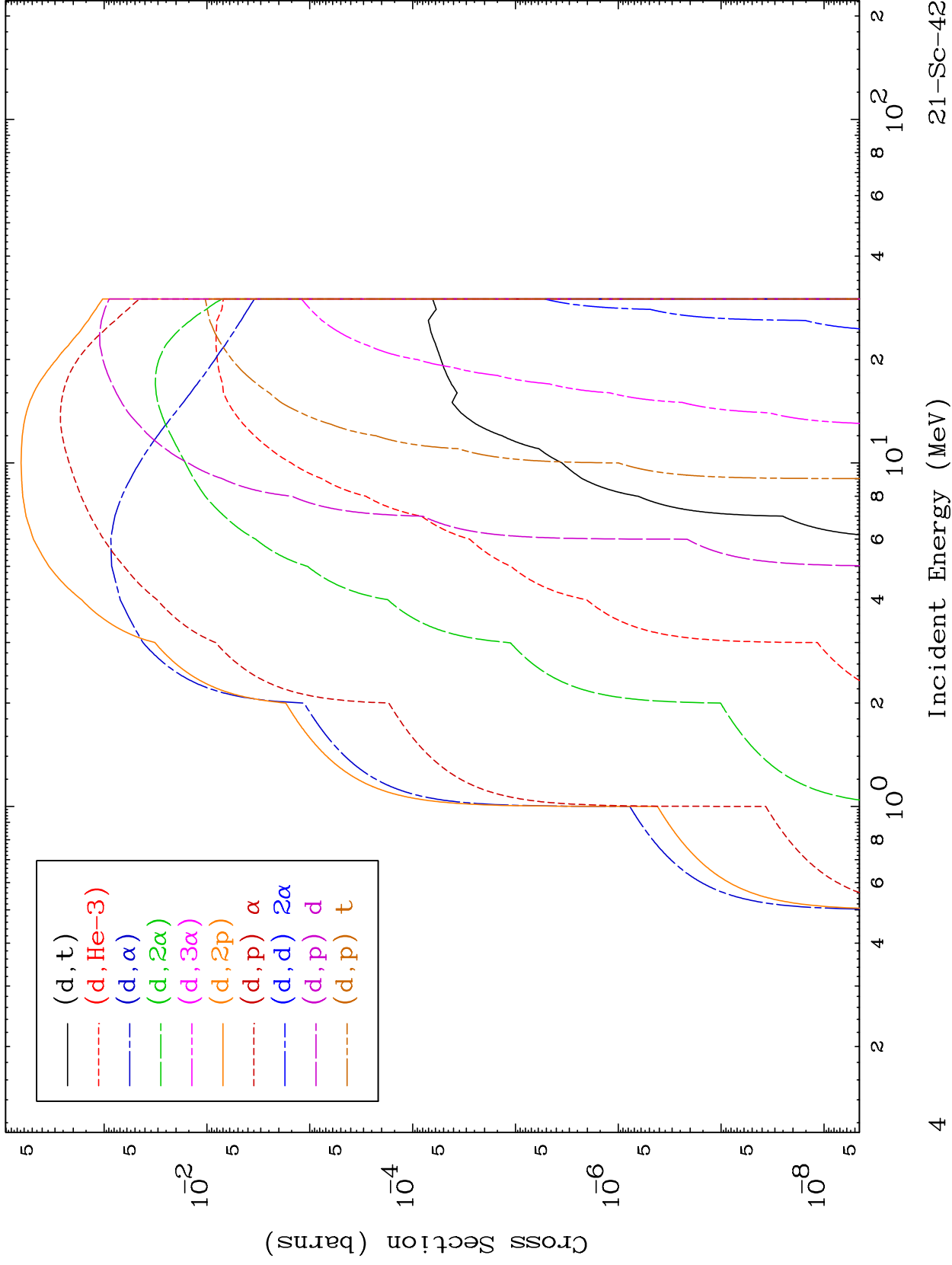
21-Sc-42

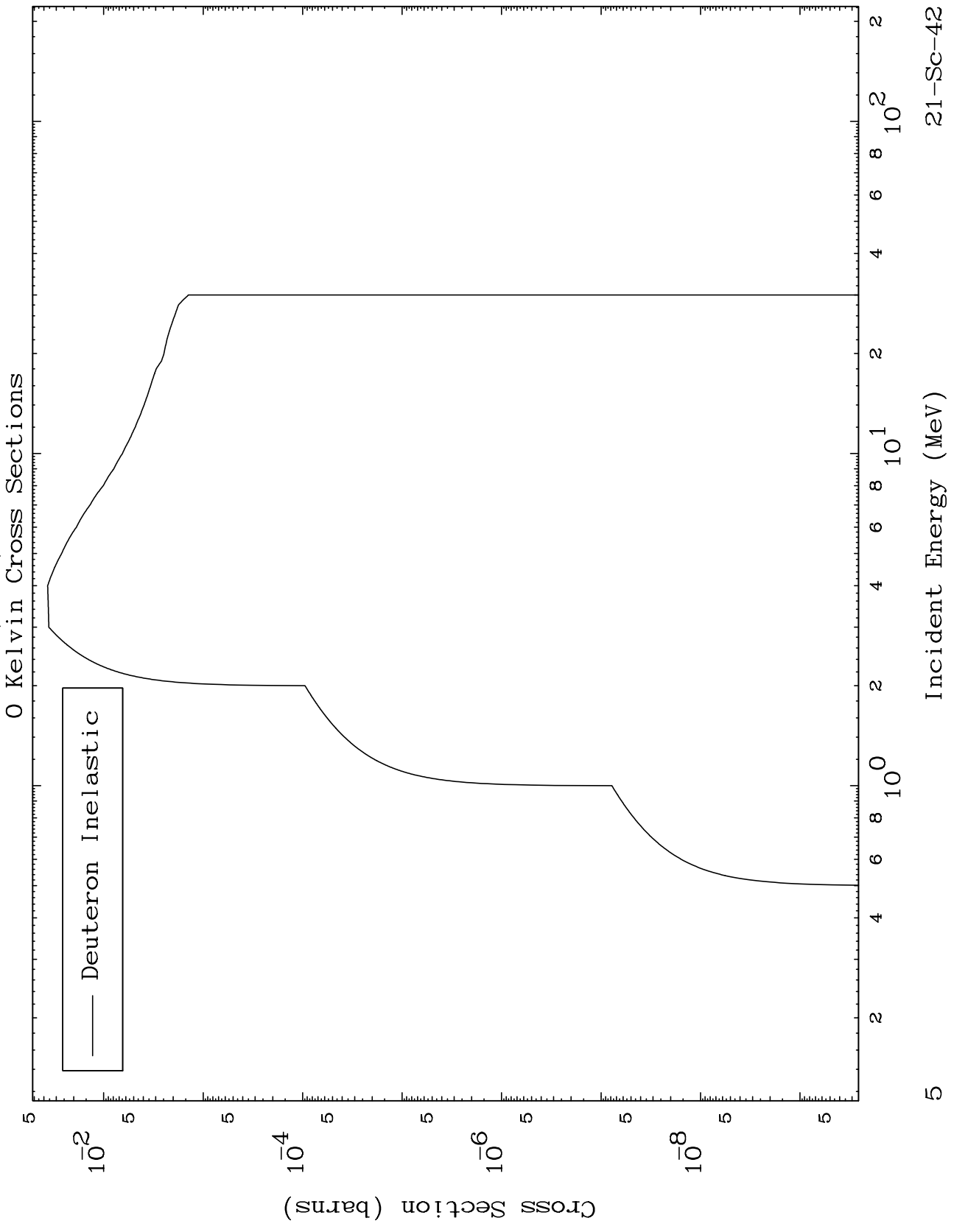


2

Incident Energy (MeV)

21-Sc-42



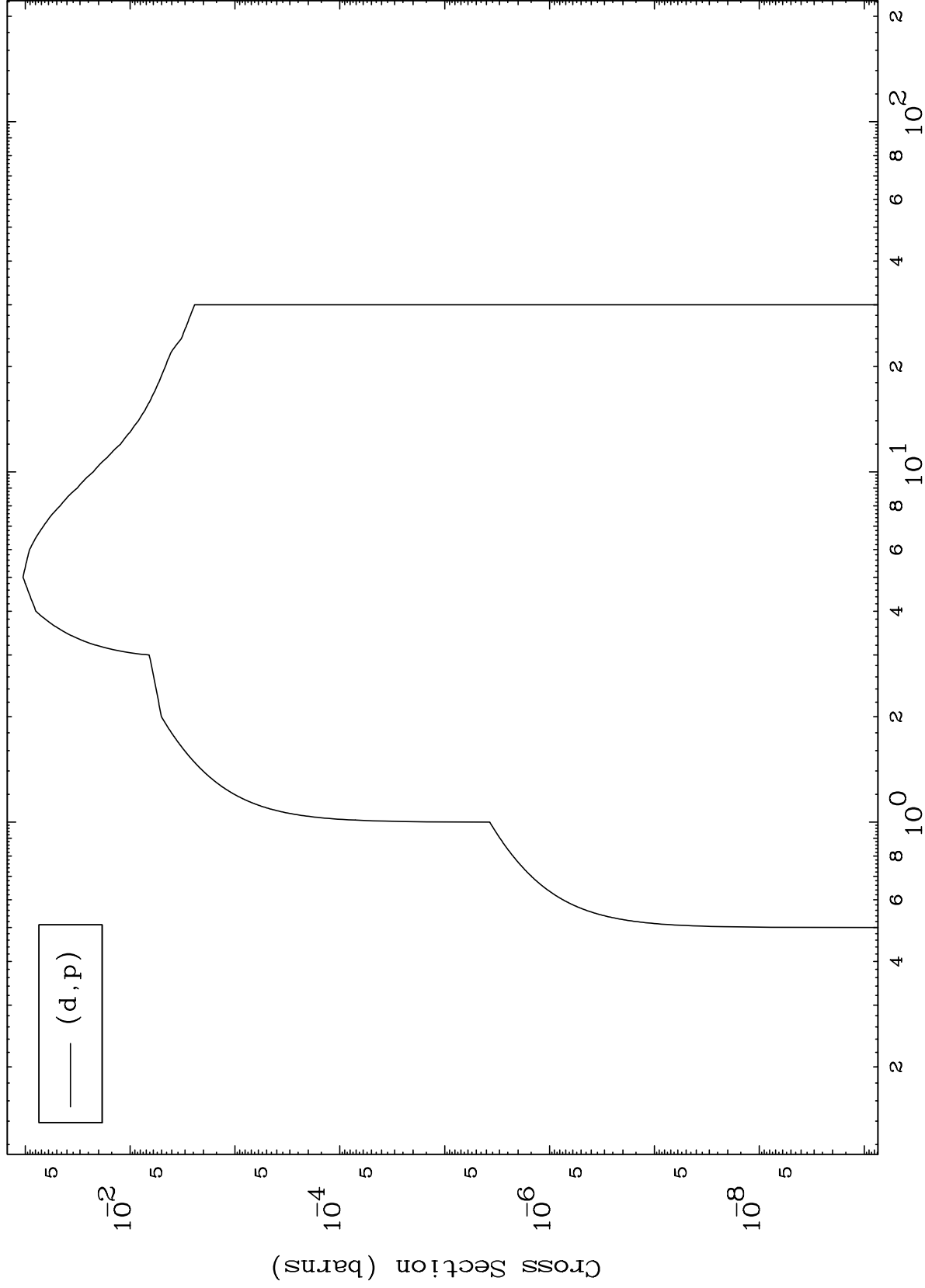


MAT 2117

(d,p) Levels

21-Sc-42

0 Kelvin Cross Sections

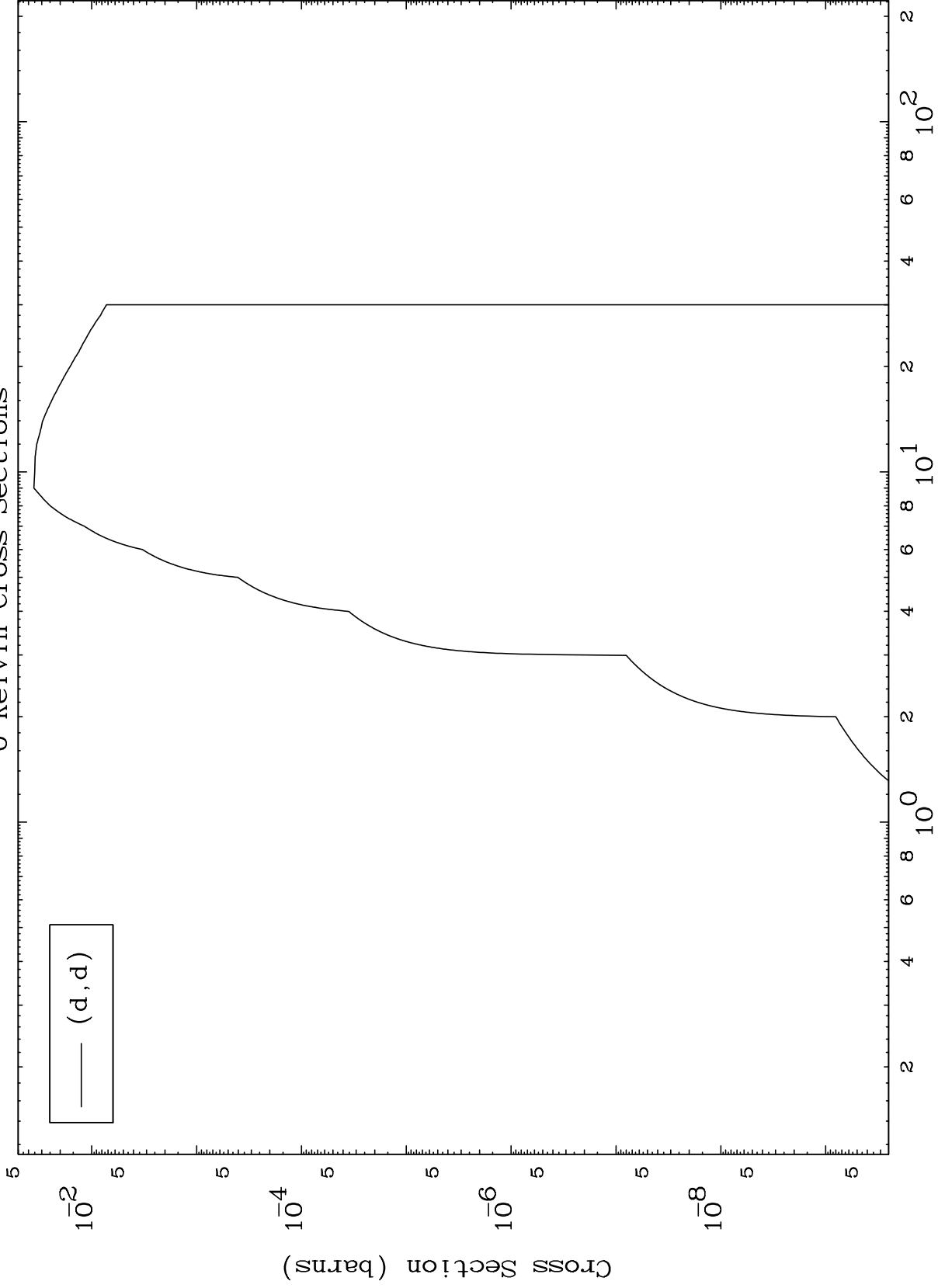


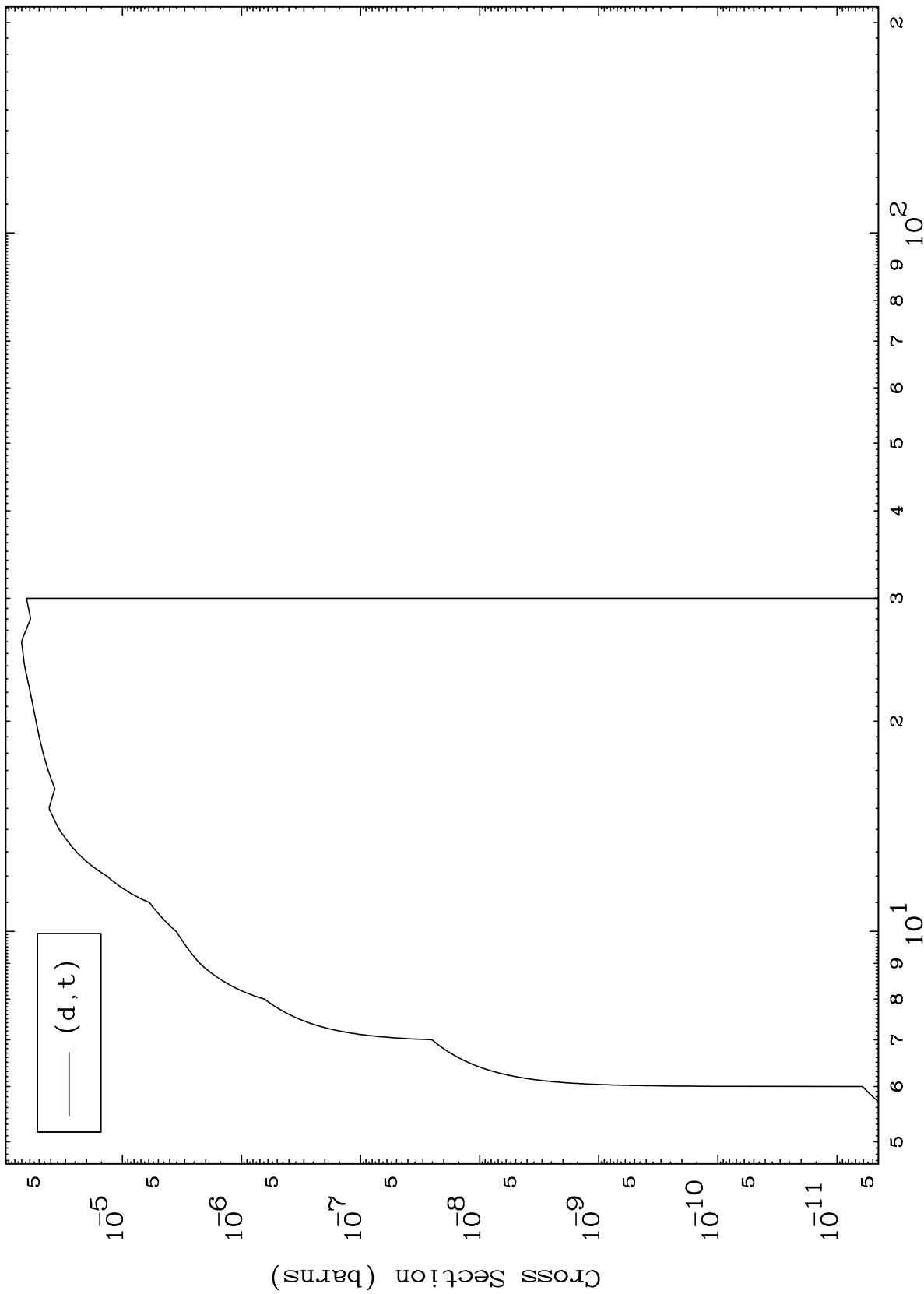
MAT 2117

(d,d) Levels

21-Sc-42

0 Kelvin Cross Sections

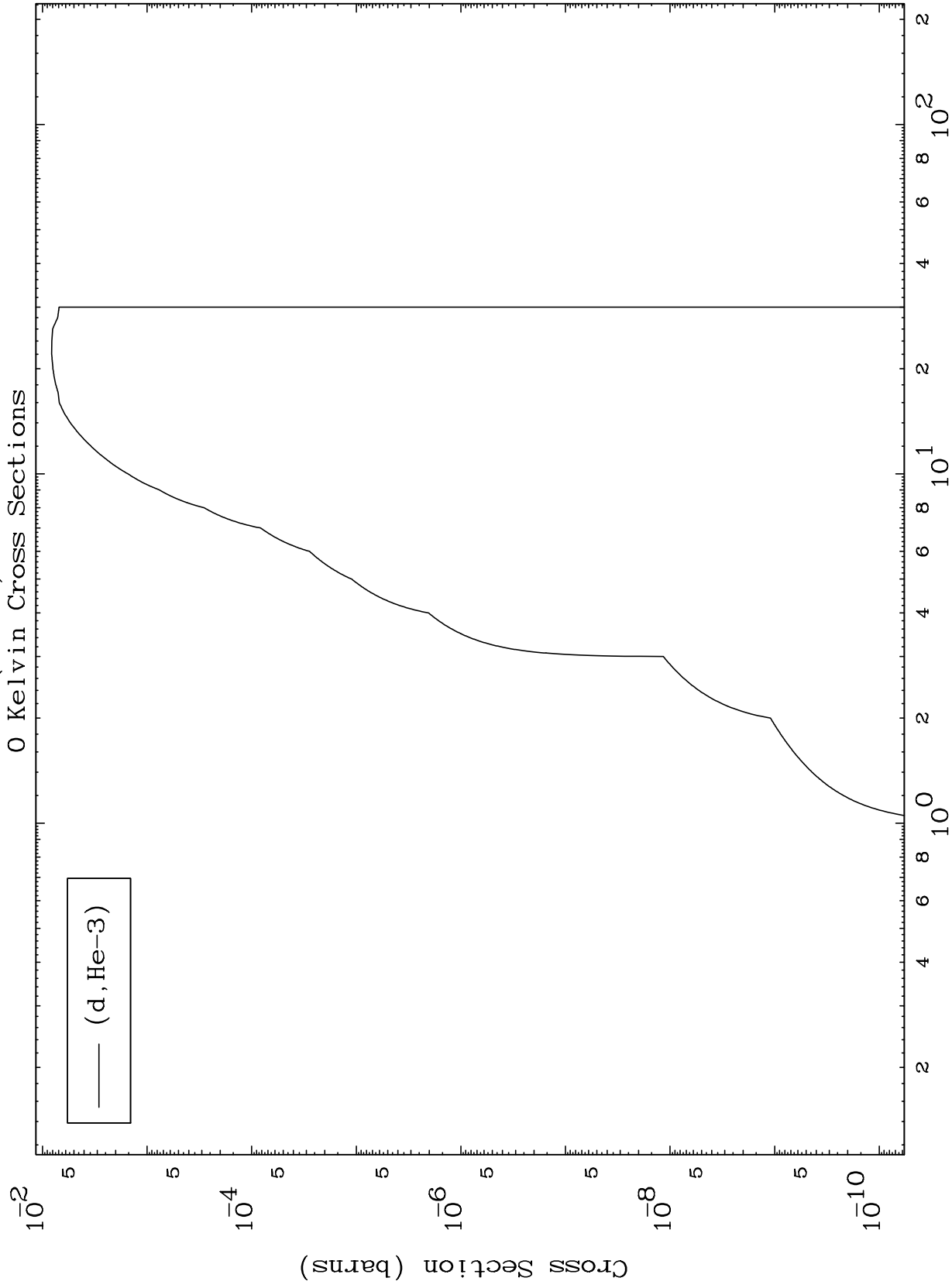




MAT 2117

(d,He3) Levels

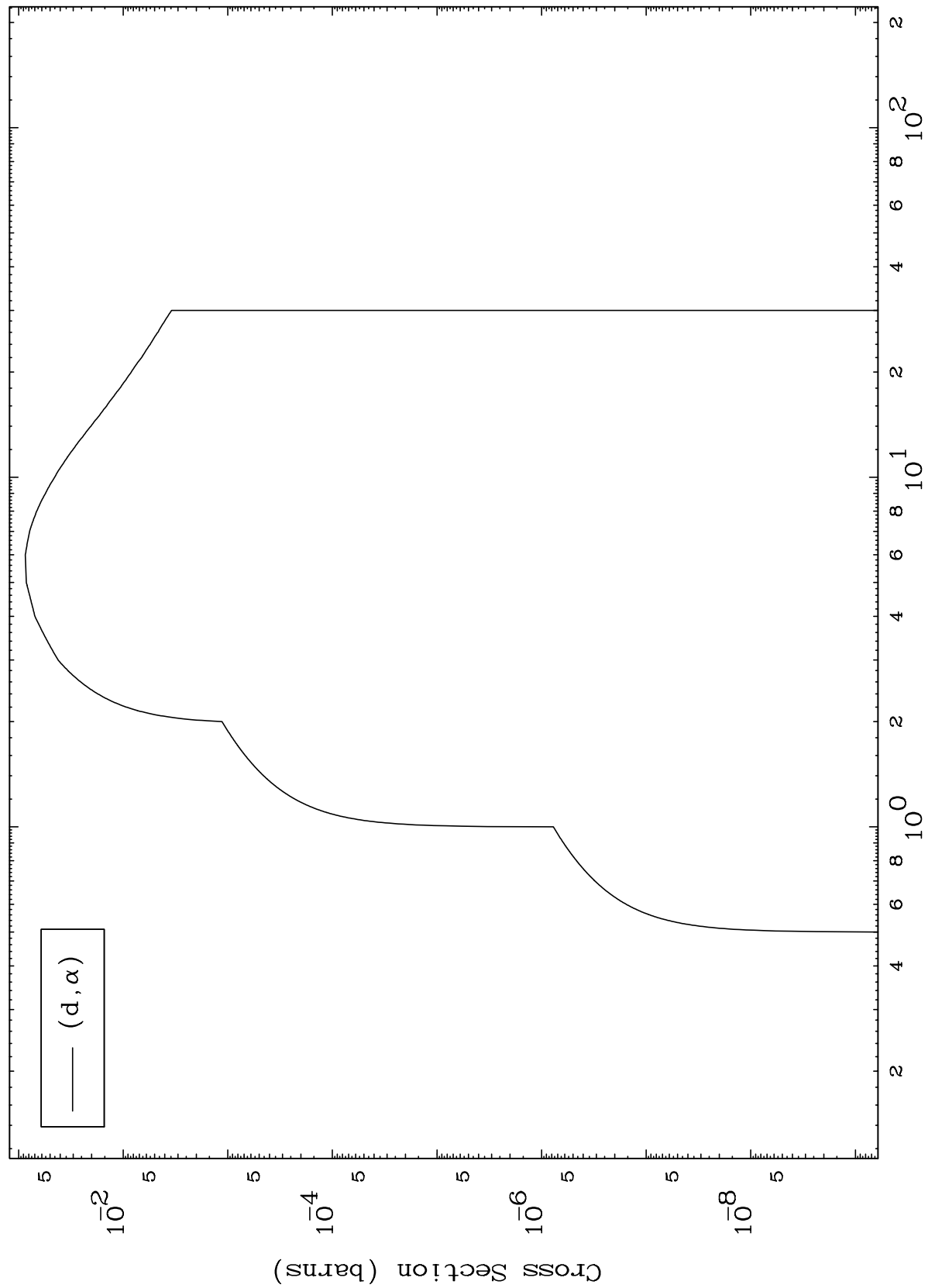
21-Sc-42



MAT 2117

21-Sc-42

(d, α) Levels
0 Kelvin Cross Sections



10

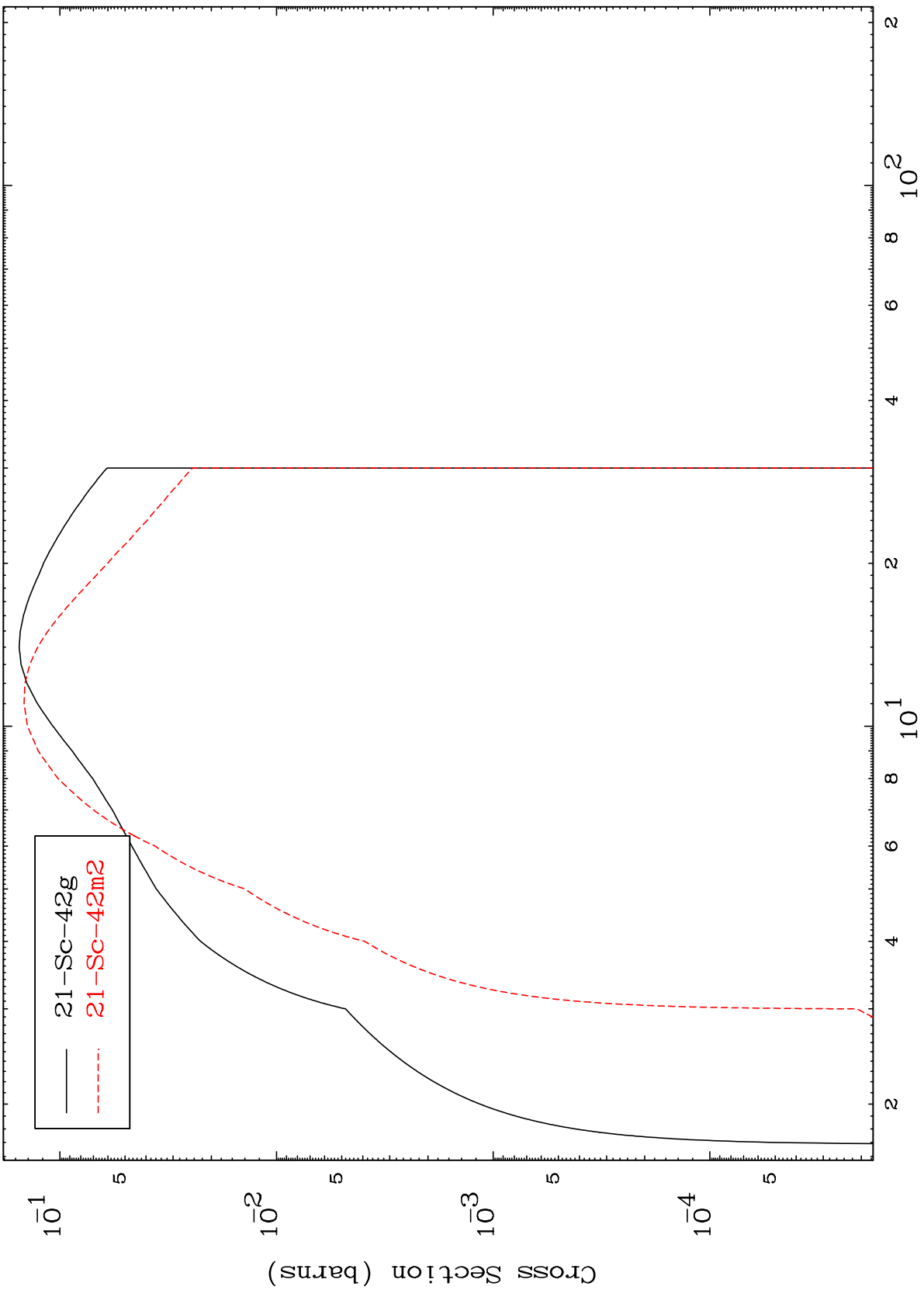
Incident Energy (MeV)

21-Sc-42

MAT 2117

21-Sc-42

(d,n') p
Radionuclide Production Cross Section



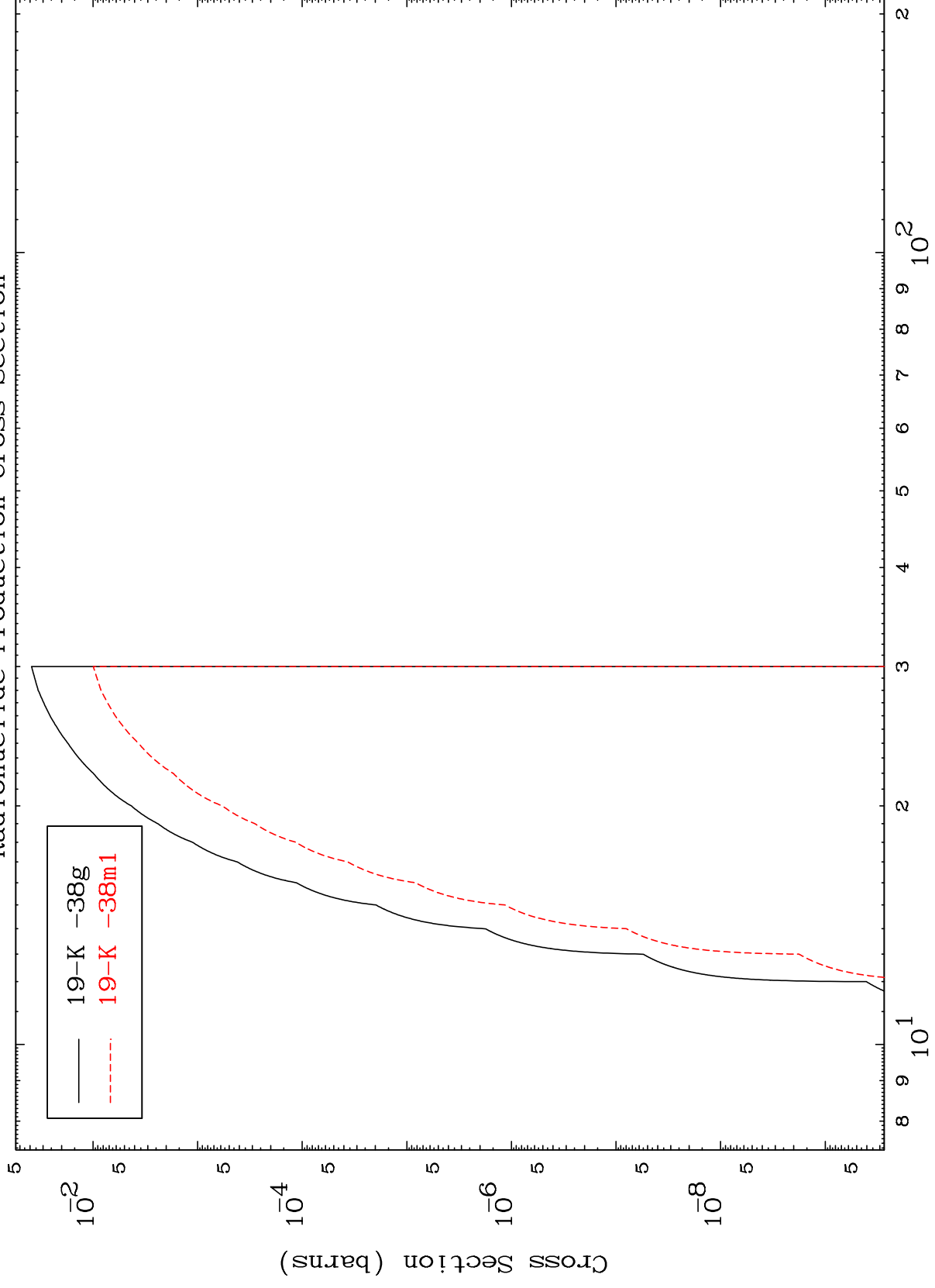
— 21-Sc-42g
- - - 21-Sc-42m2

MAT 2117

(d,n') p α

21-Sc-42

Radionuclide Production Cross Section



12

Incident Energy (MeV)

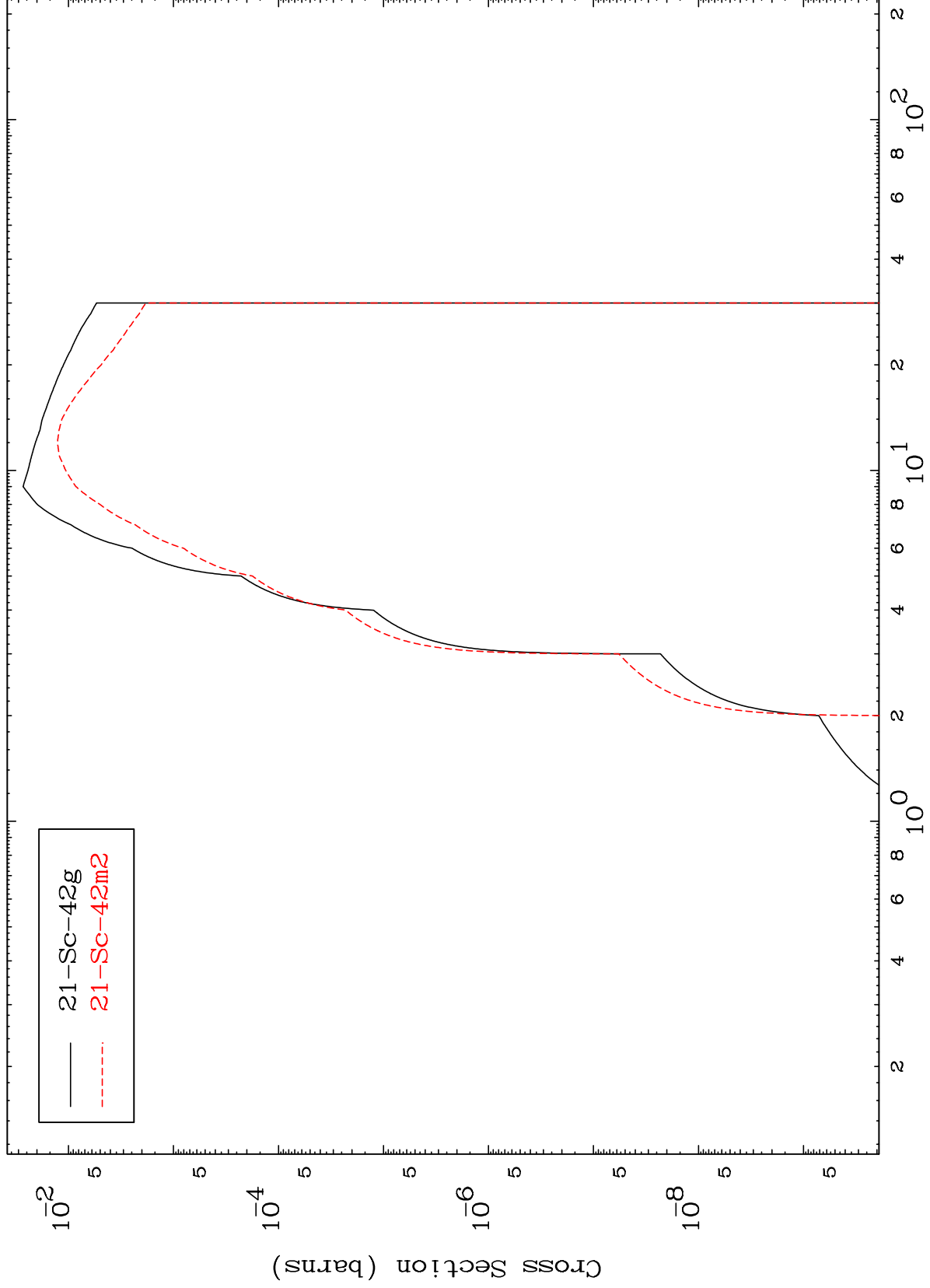
21-Sc-42

MAT 2117

(d,d)

²¹Sc-42

Radionuclide Production Cross Section



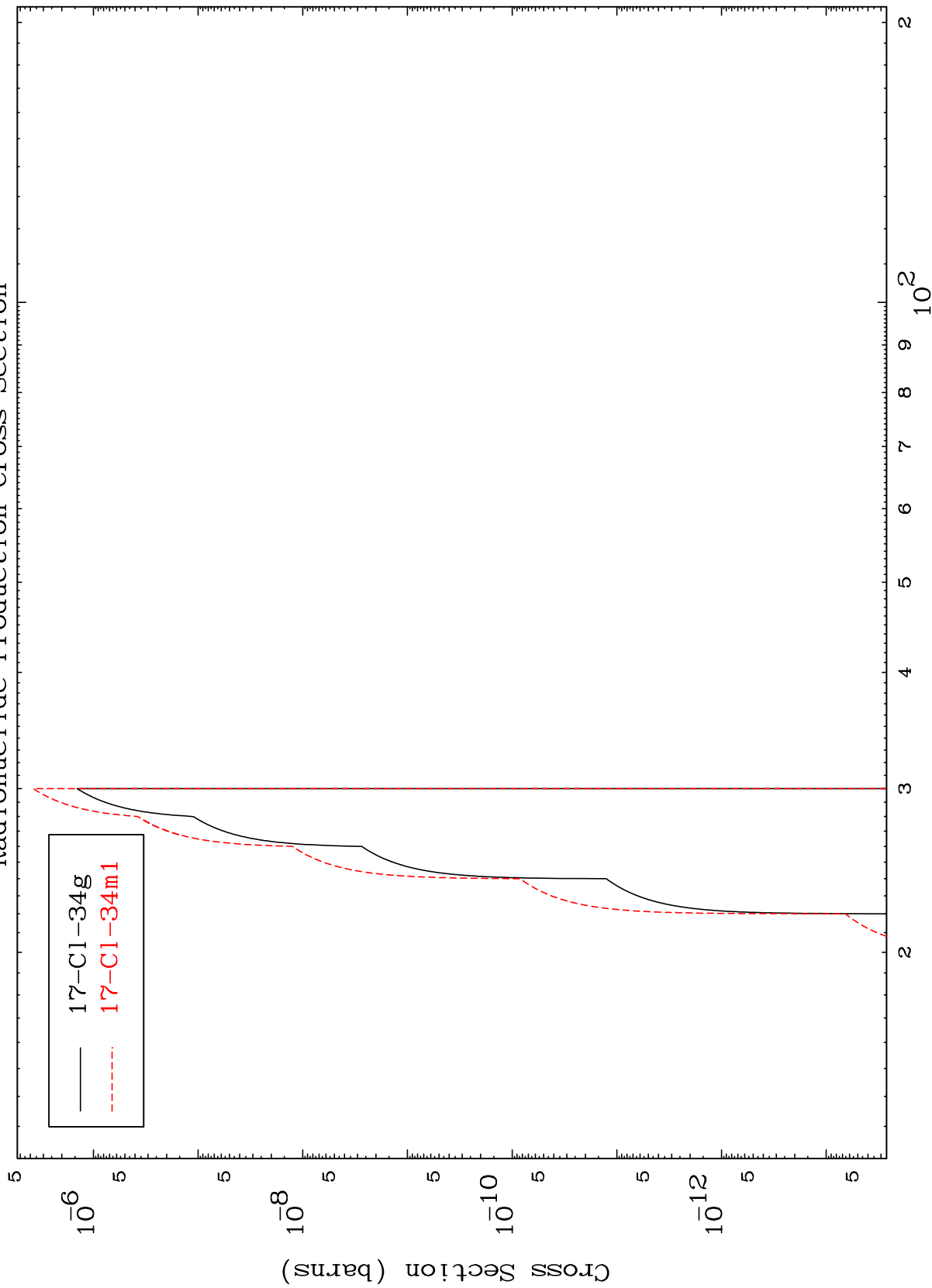
— ²¹Sc-42g
- - - ²¹Sc-42m2

MAT 2117

(d,d) 2α

21-Sc-42

Radionuclide Production Cross Section



Incident Energy (MeV)

21-Sc-42

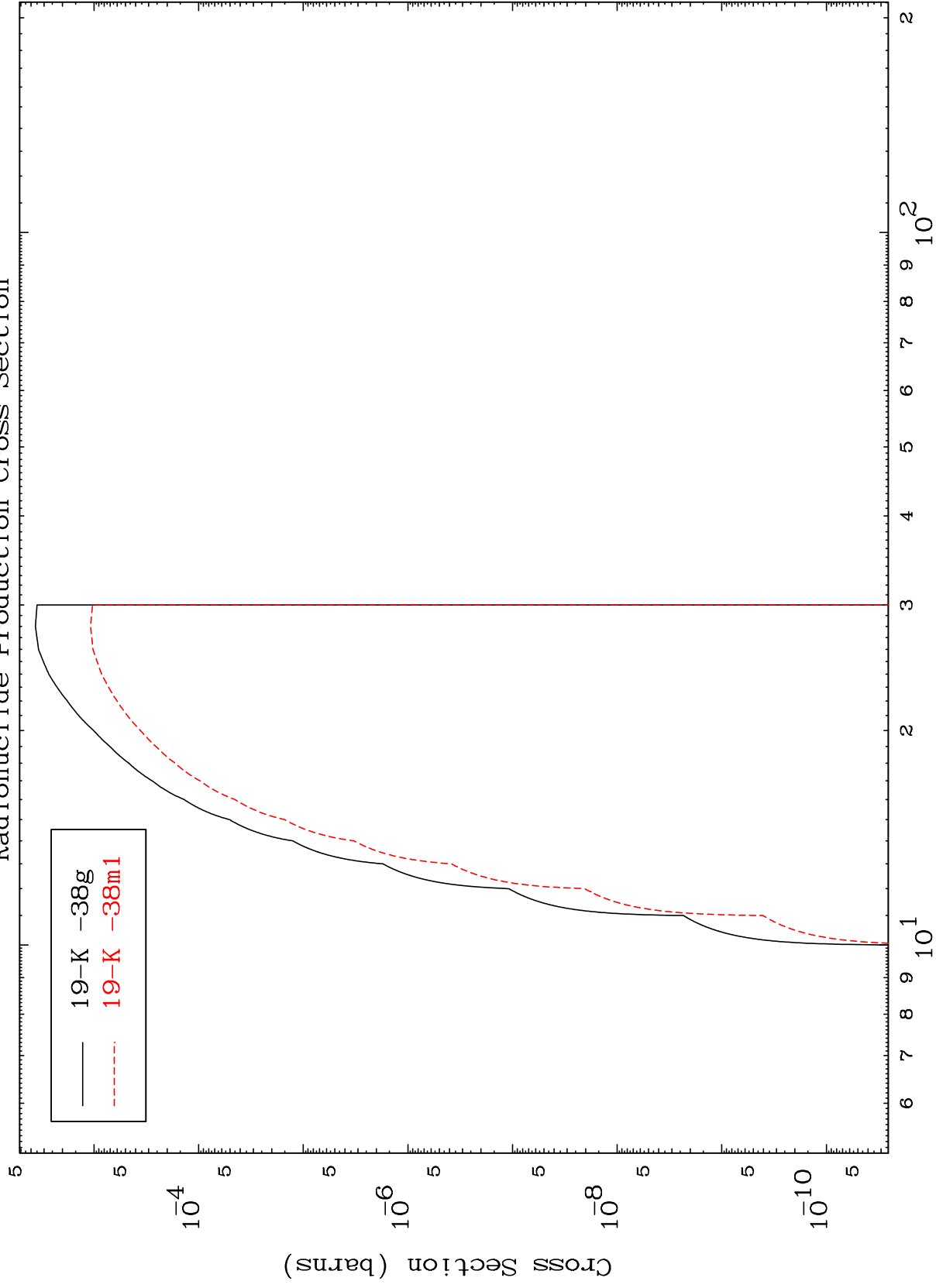
14

MAT 2117

(d,d) α

21-Sc-42

Radionuclide Production Cross Section



15

Incident Energy (MeV)

21-Sc-42