

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

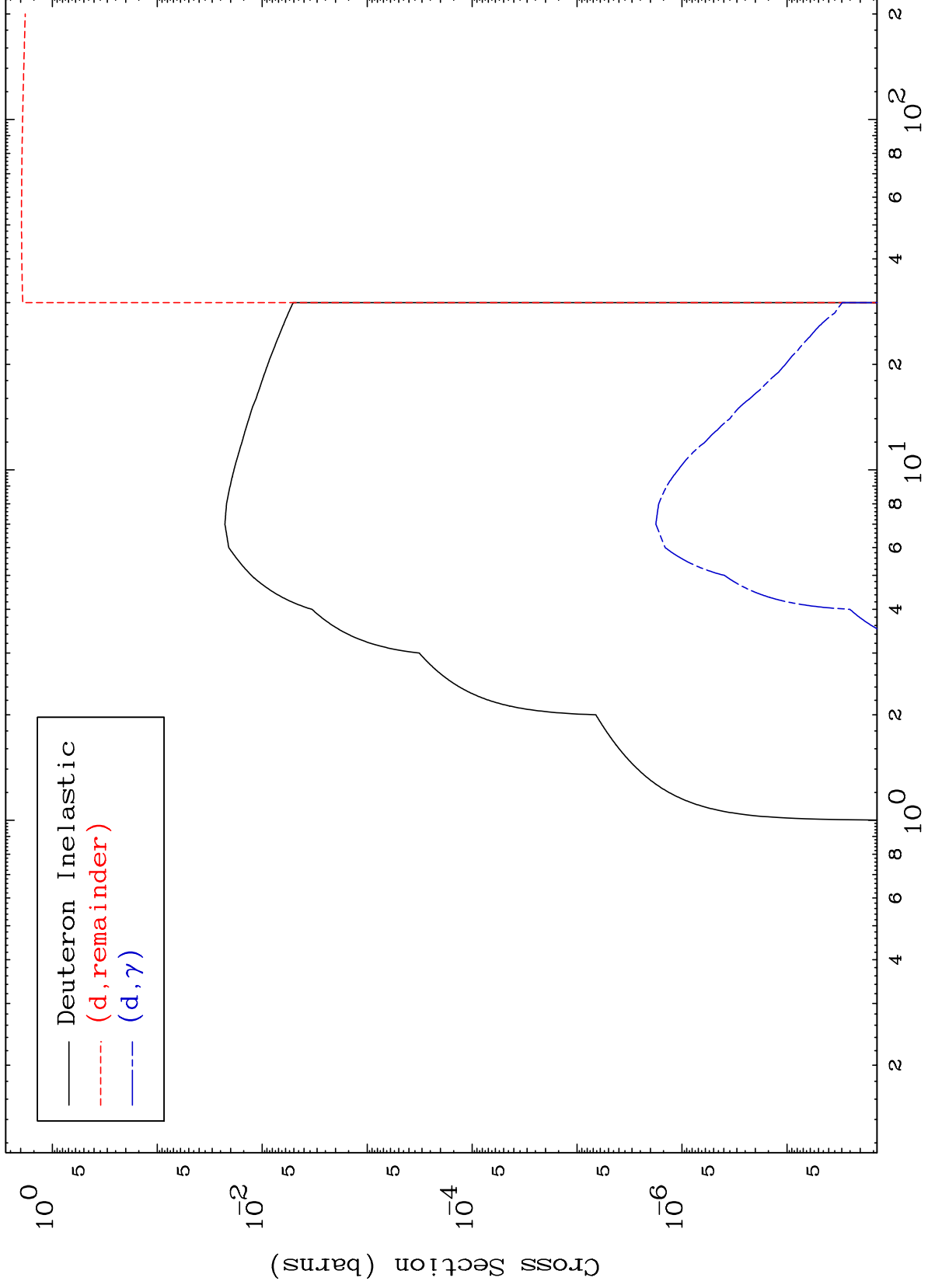
Press Mouse Button to Start

MAT 3541

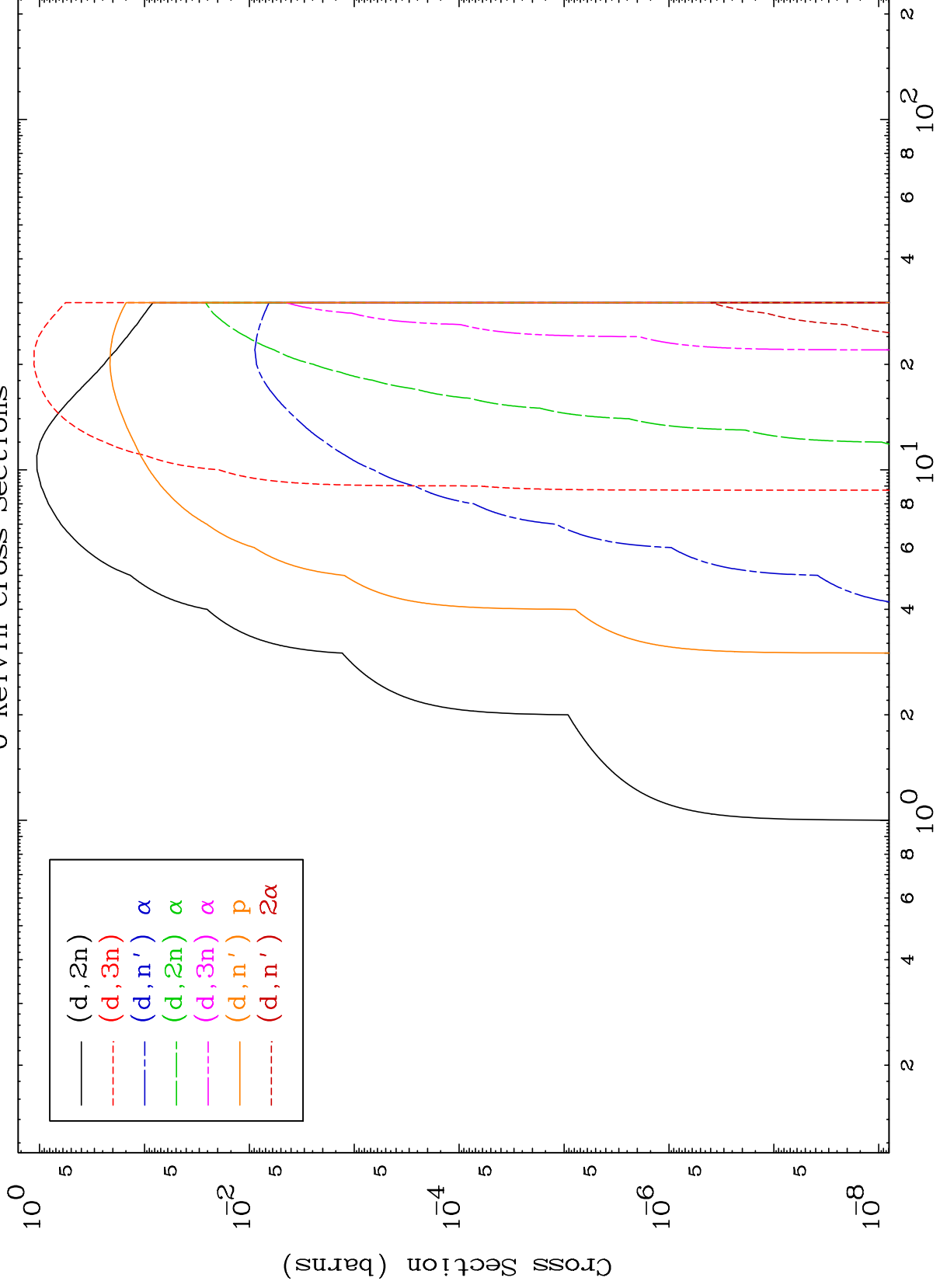
Deuteron Major

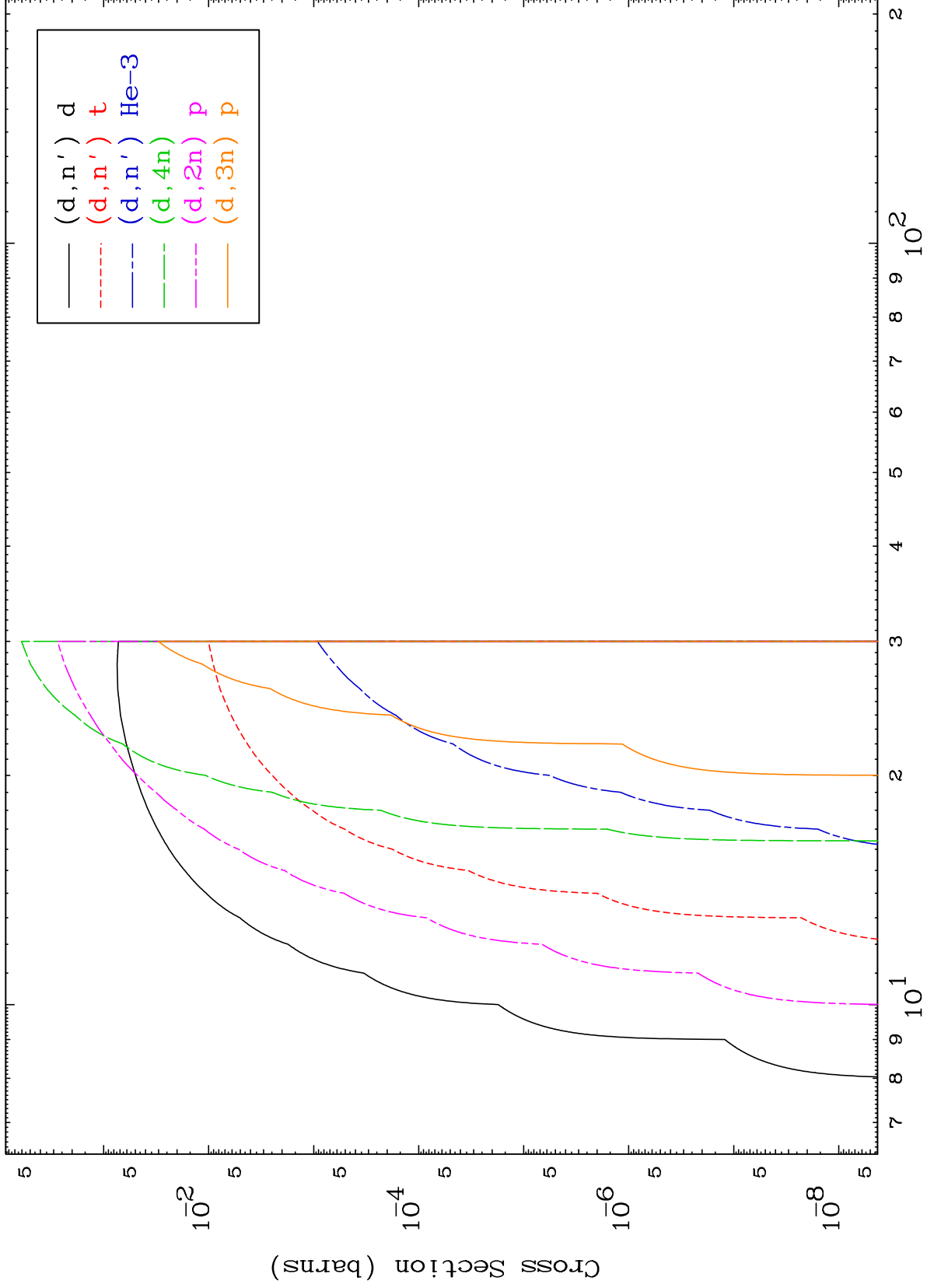
35-Br-84

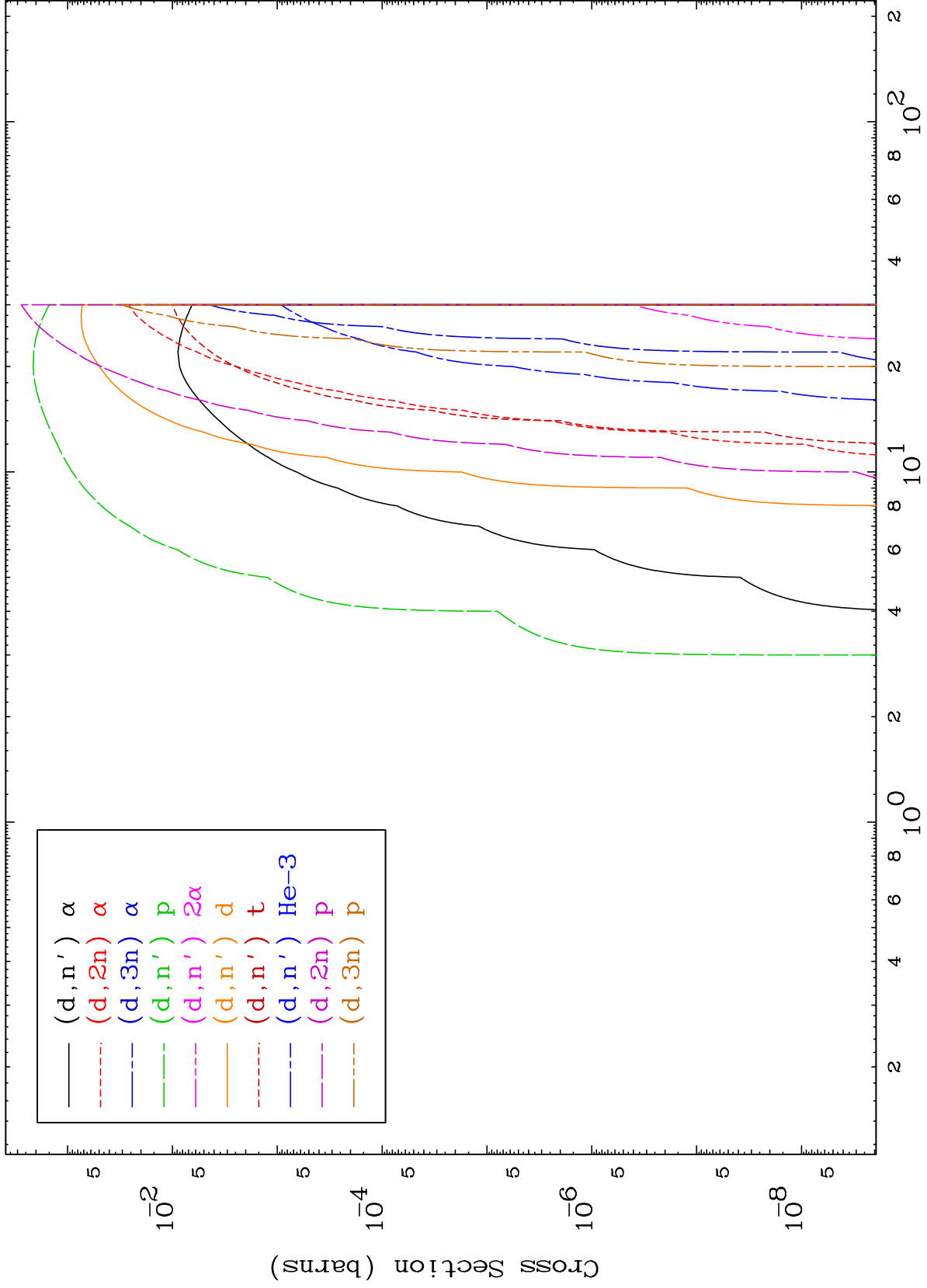
0 Kelvin Cross Sections

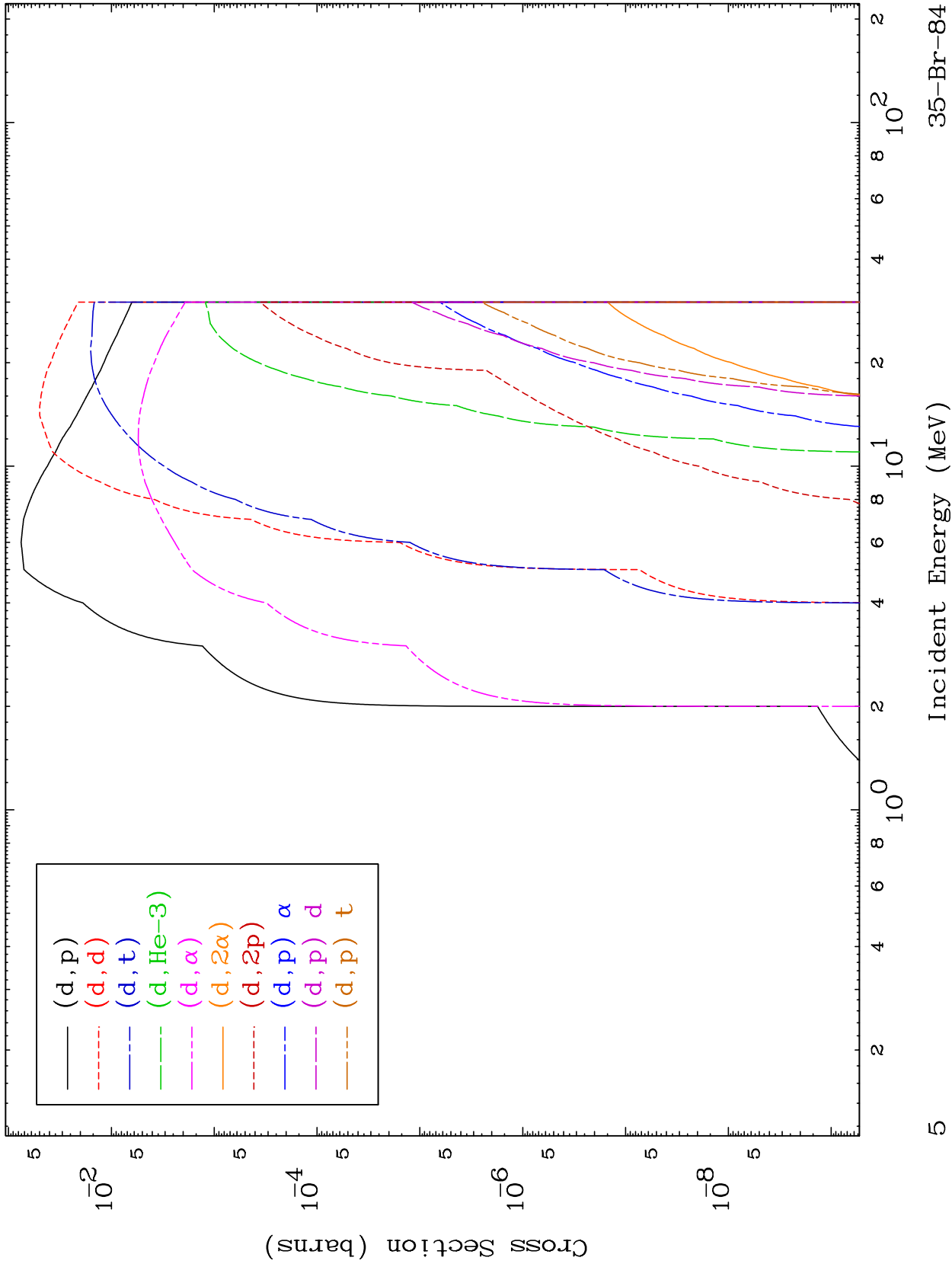


— Deuteron Inelastic
- - - (d, remainder)
- . - (d, γ)







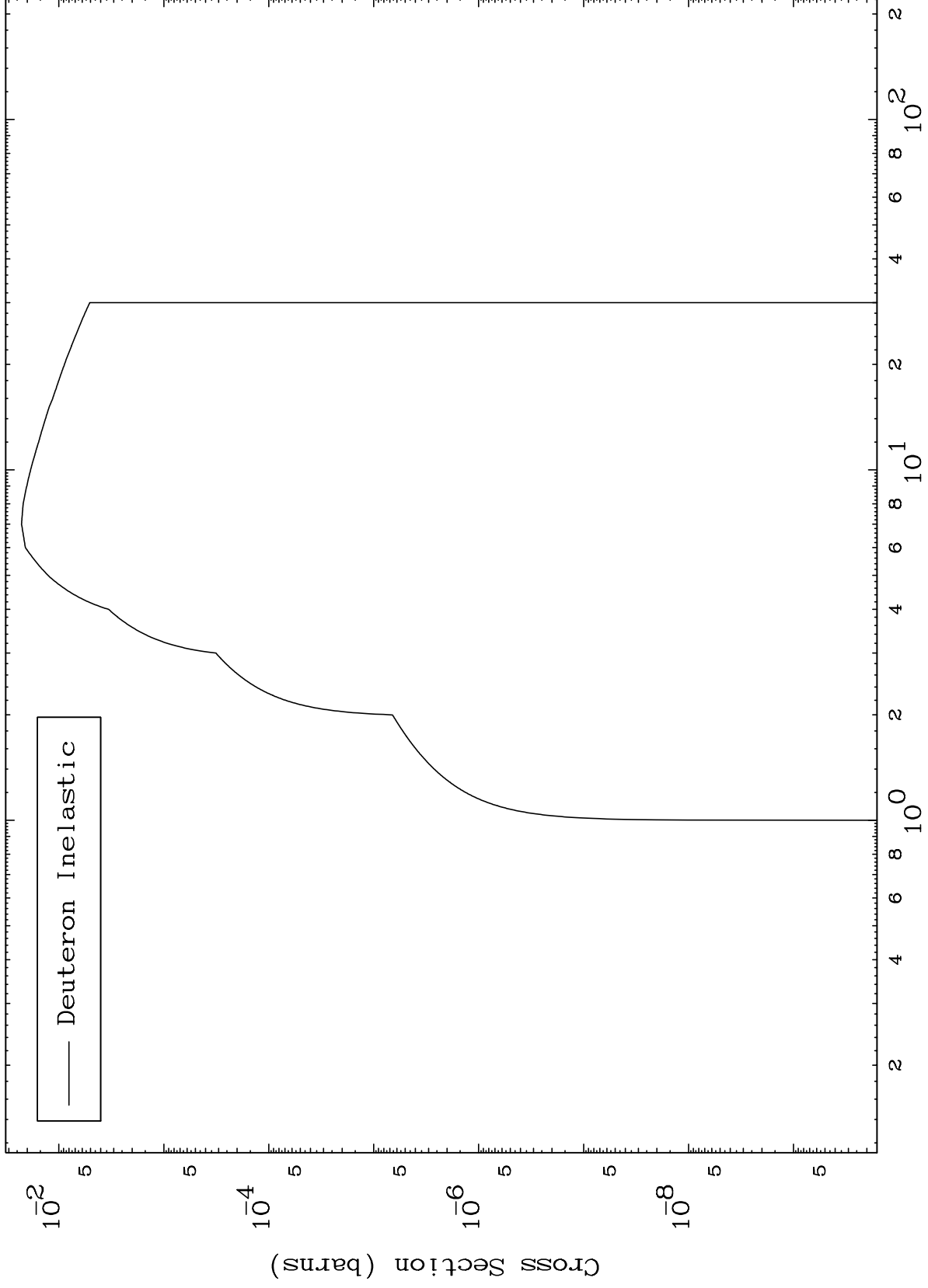


MAT 3541

(d, n') Level

35-Br-84

0 Kelvin Cross Sections



6

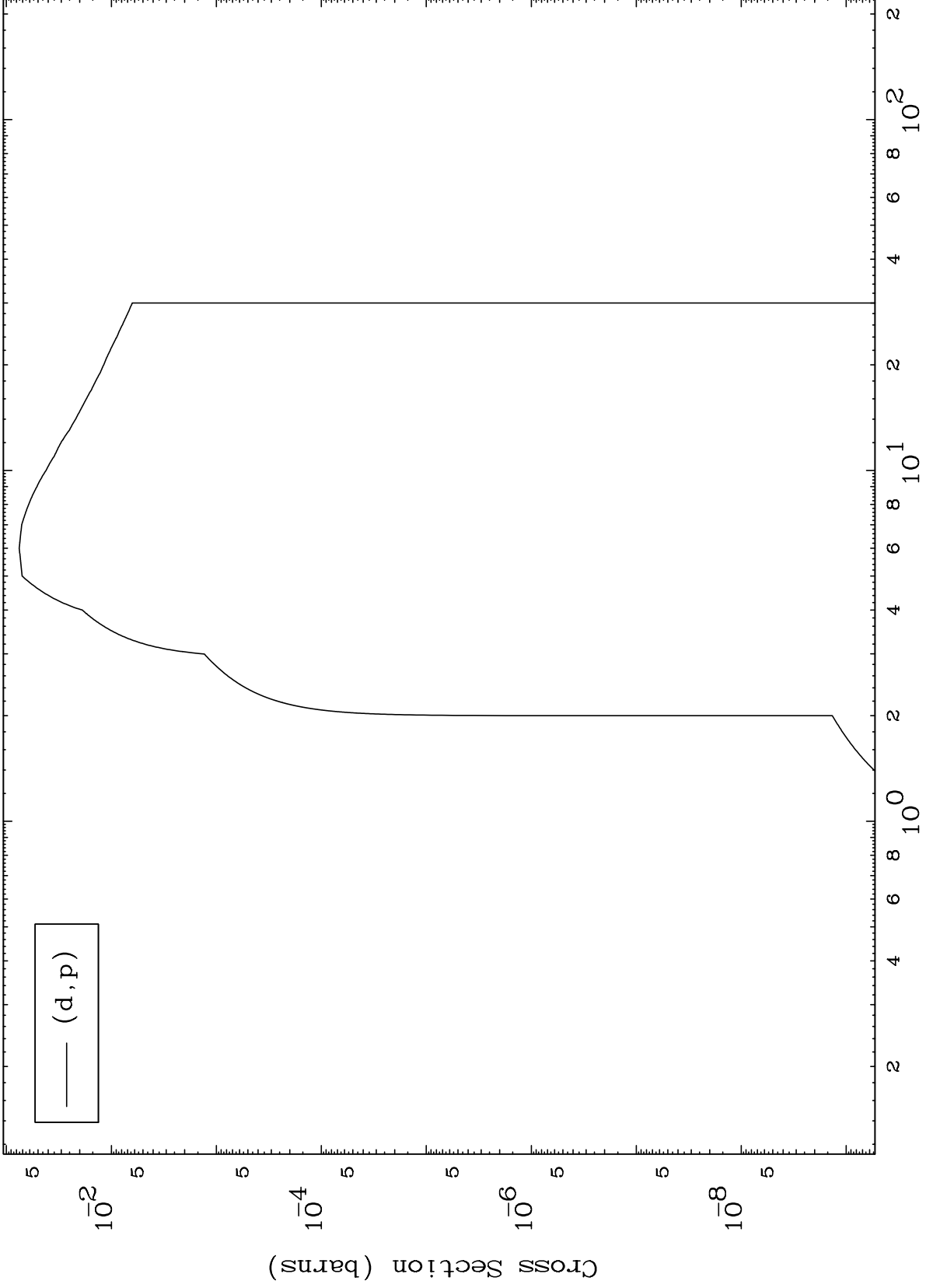
Incident Energy (MeV)

35-Br-84

MAT 3541

35-Br-84

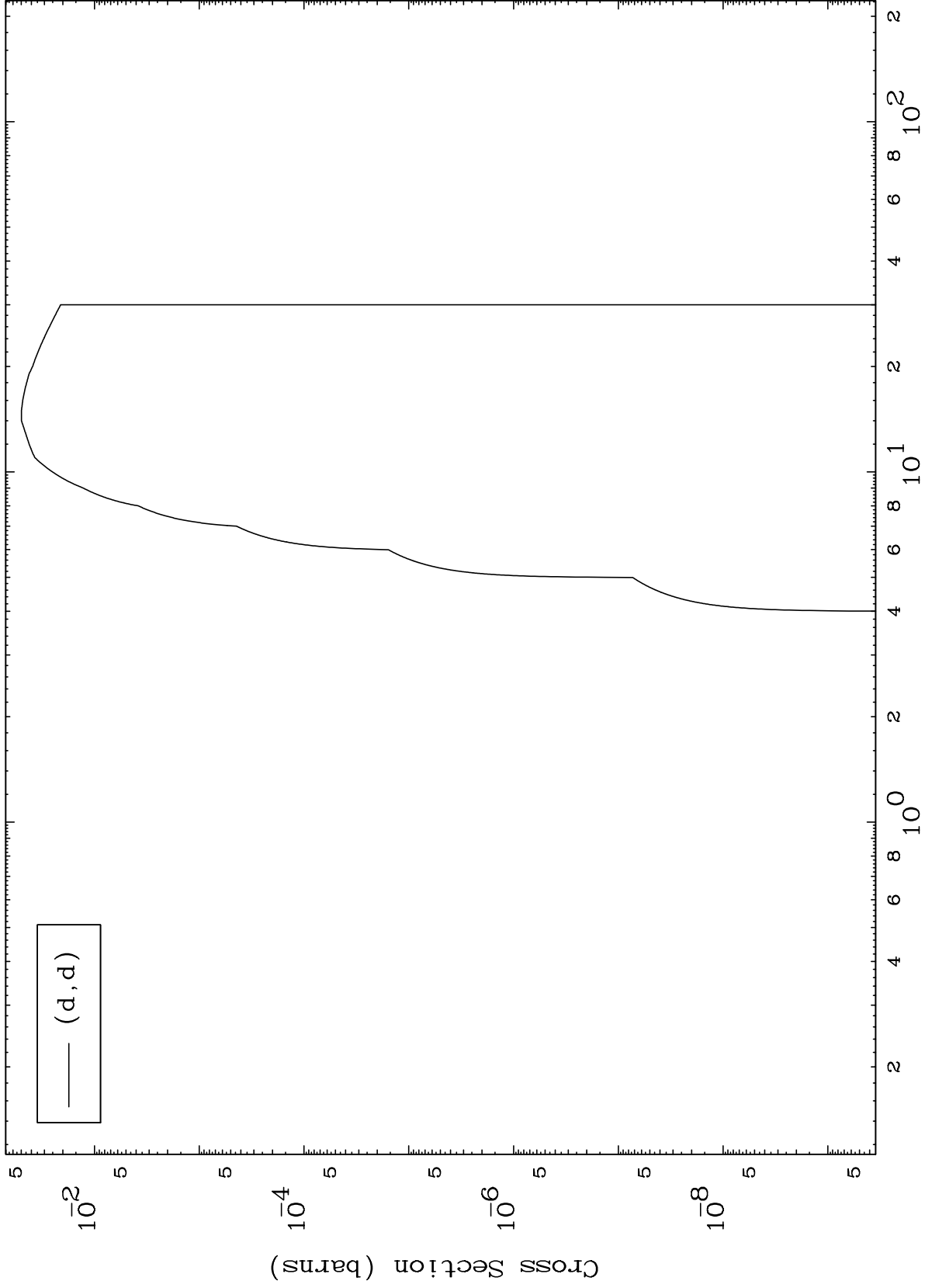
(d,p) Levels
0 Kelvin Cross Sections



MAT 3541

(d,d) Levels
0 Kelvin Cross Sections

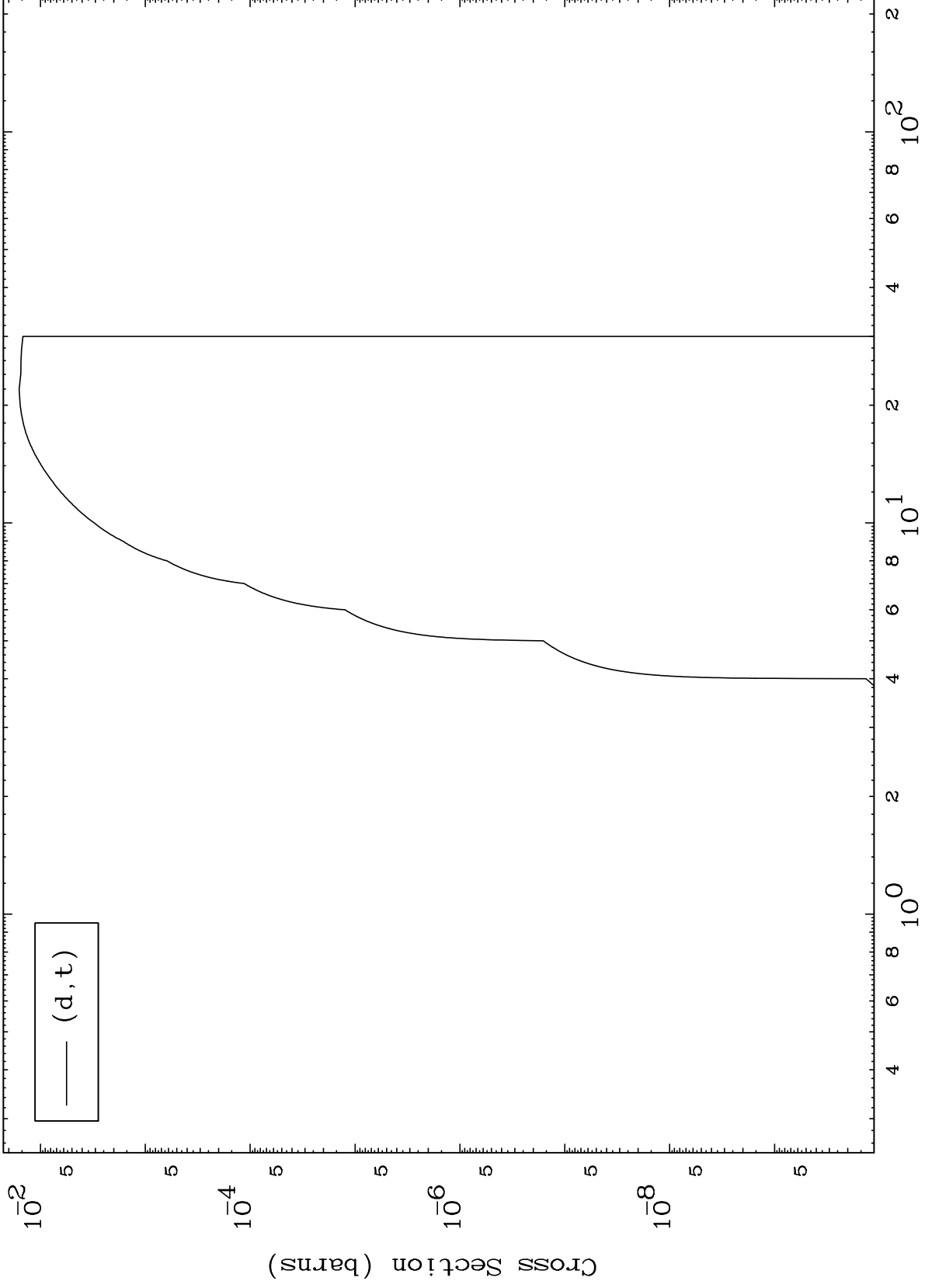
35-Br-84



8

Incident Energy (MeV)

35-Br-84

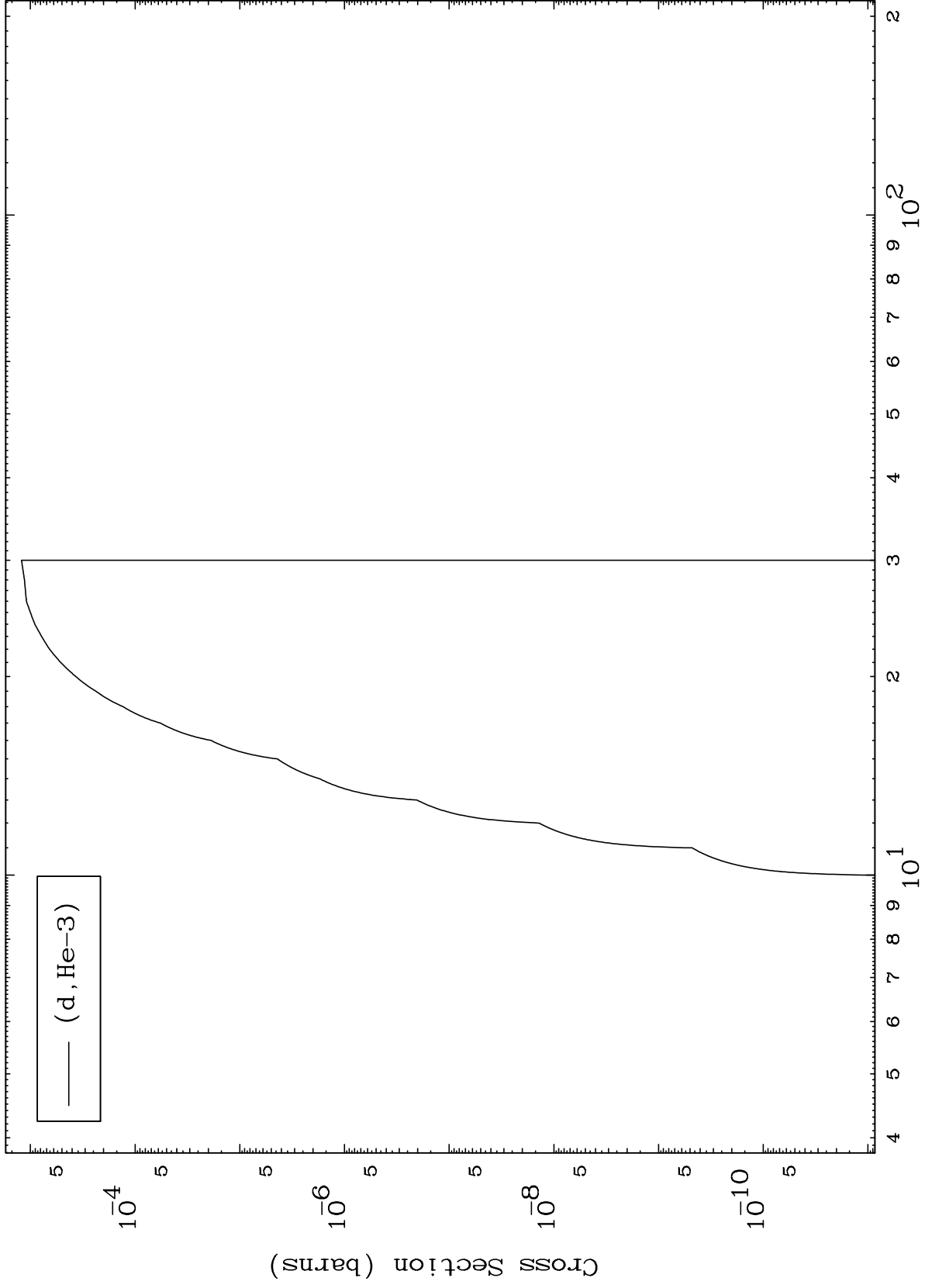


(d, t)

MAT 3541

35-Br-84

(d,He3) Levels
0 Kelvin Cross Sections



10

Incident Energy (MeV)

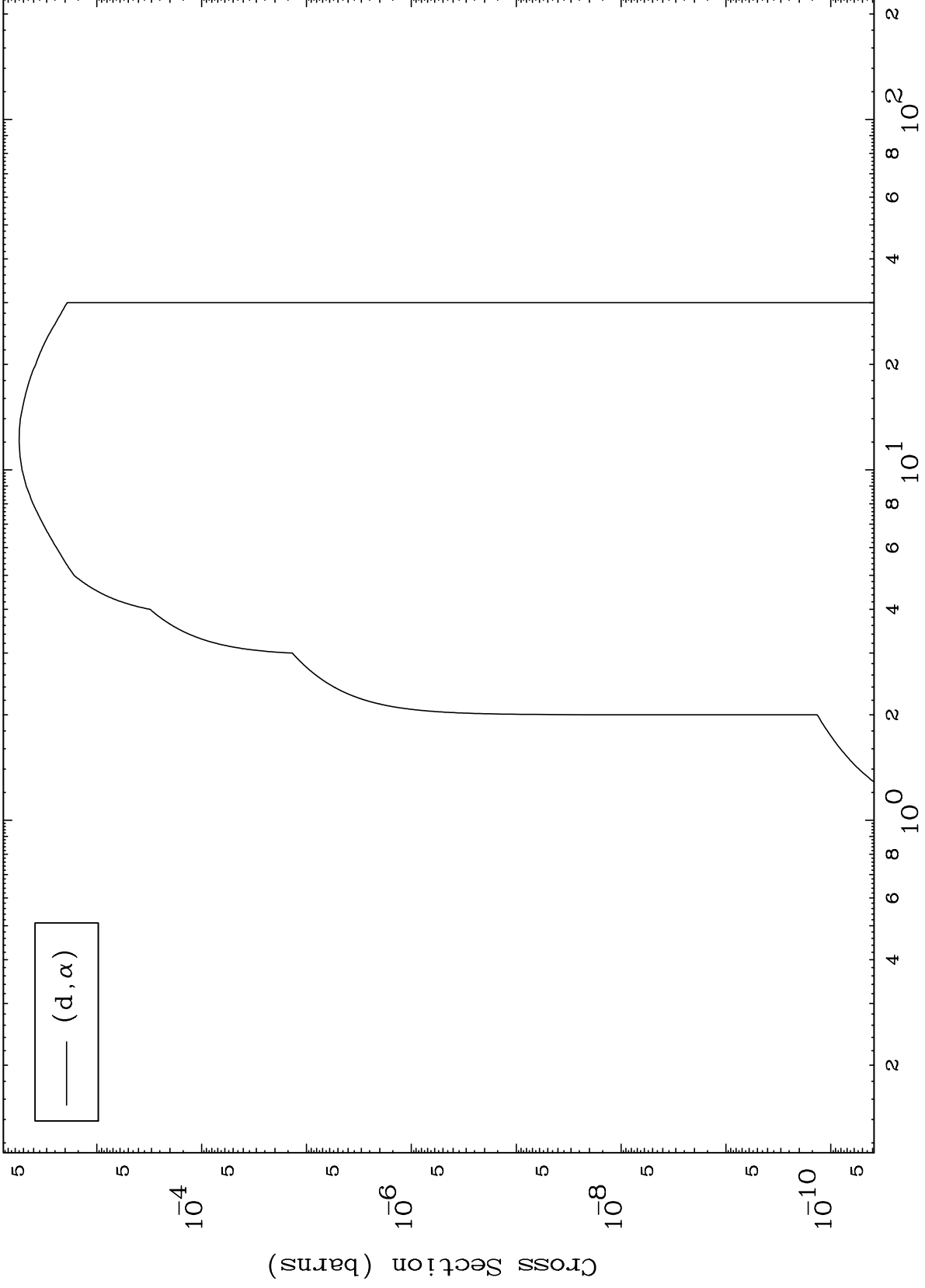
35-Br-84

MAT 3541

(d, α) Levels

35-Br-84

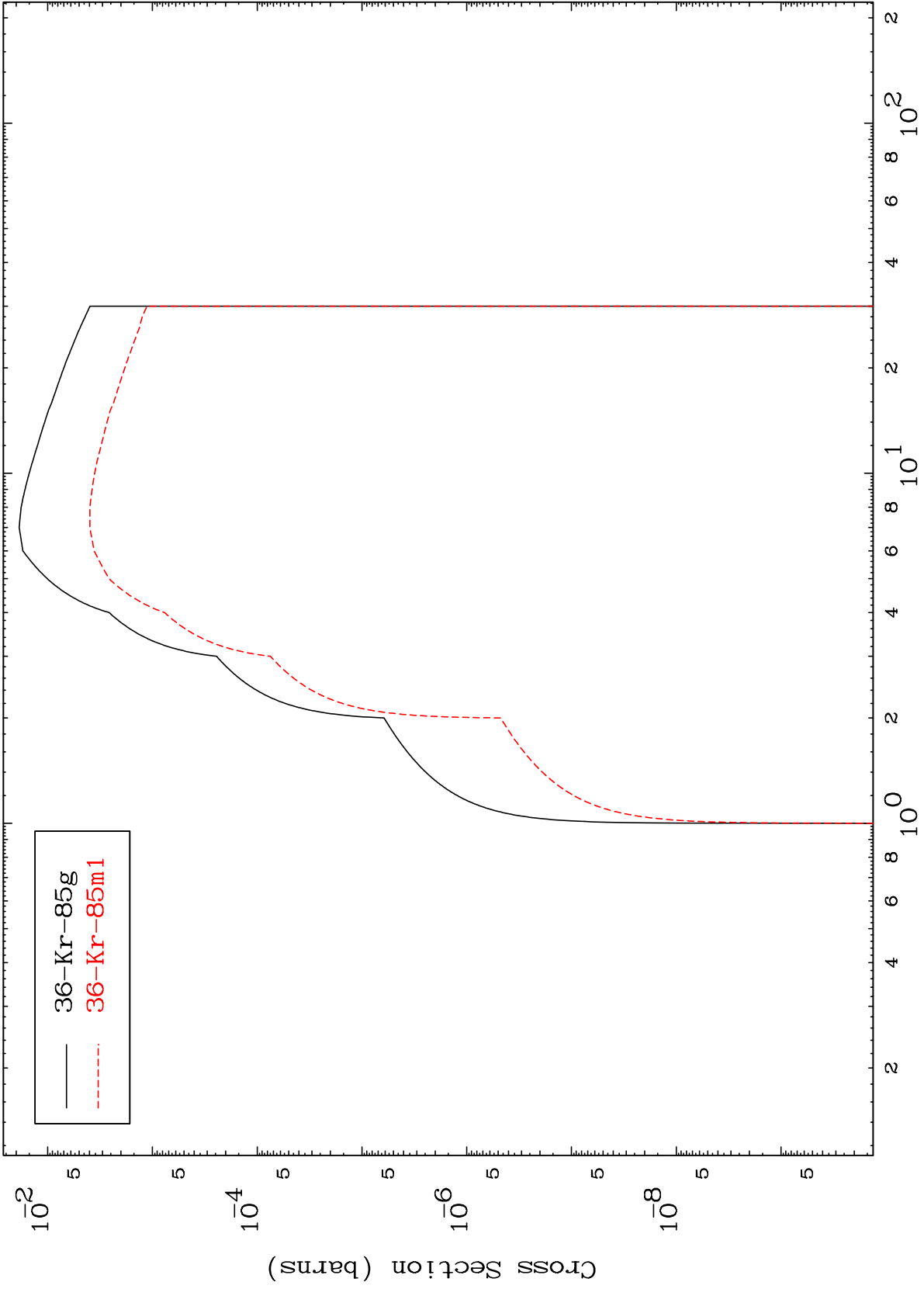
0 Kelvin Cross Sections



MAT 3541

Radionuclide Production Cross Section
Deuteron Inelastic

³⁵Br-84



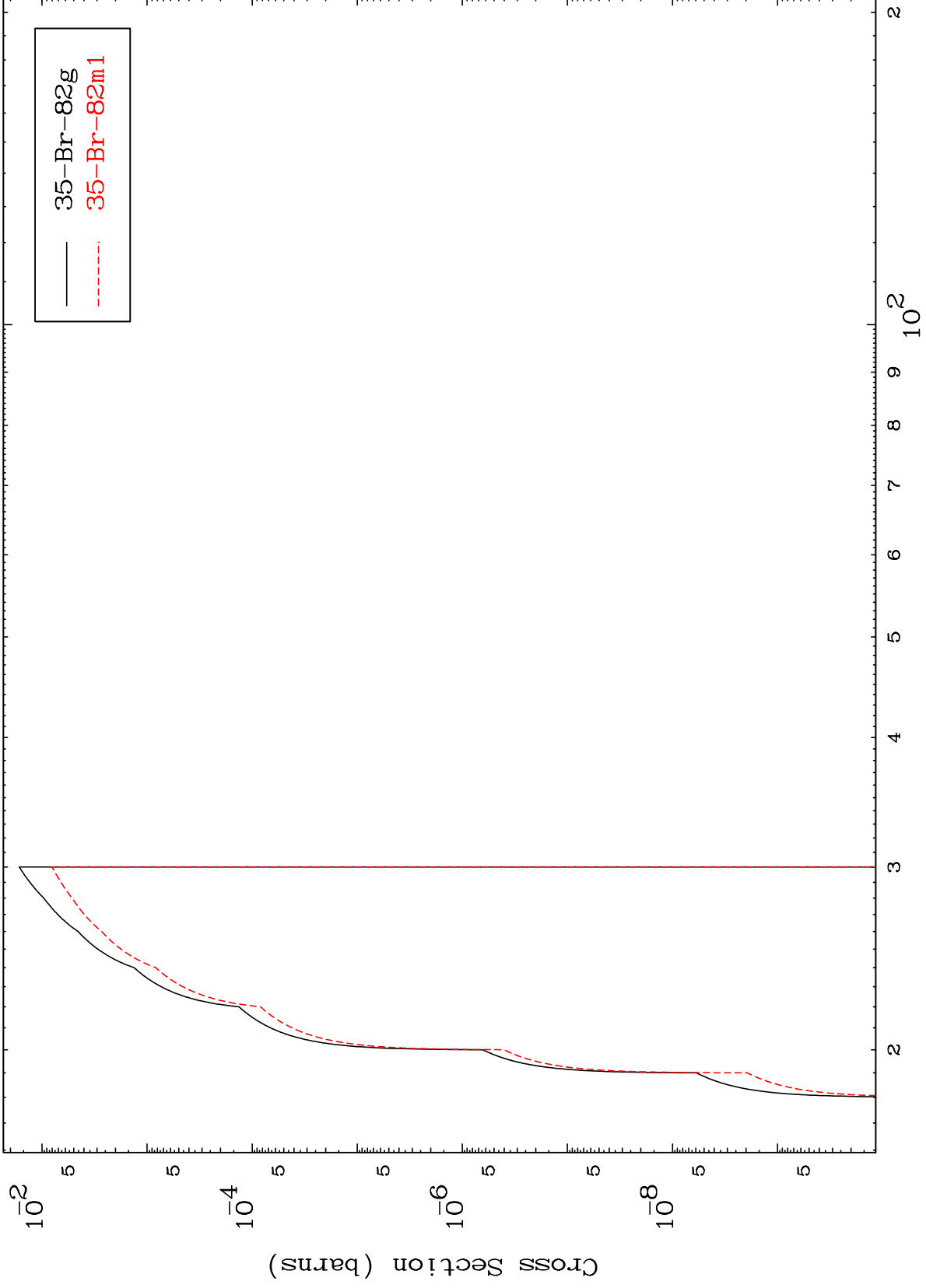
— 36-Kr-85g
- - - 36-Kr-85m1

MAT 3541

(d,2n) d

³⁵Br-84

Radionuclide Production Cross Section



13

Incident Energy (MeV)

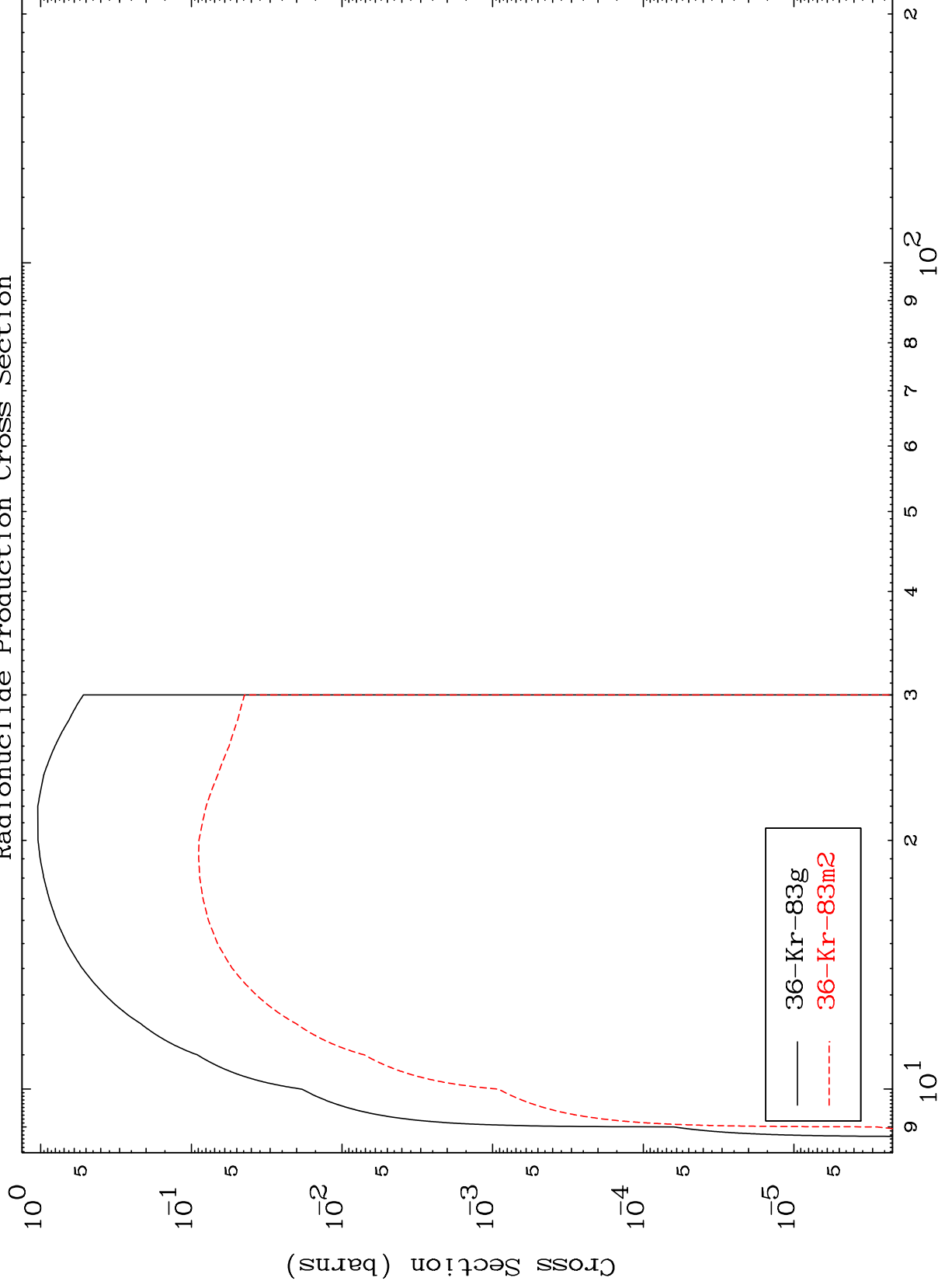
³⁵Br-84

MAT 3541

(d,3n)

35-Br-84

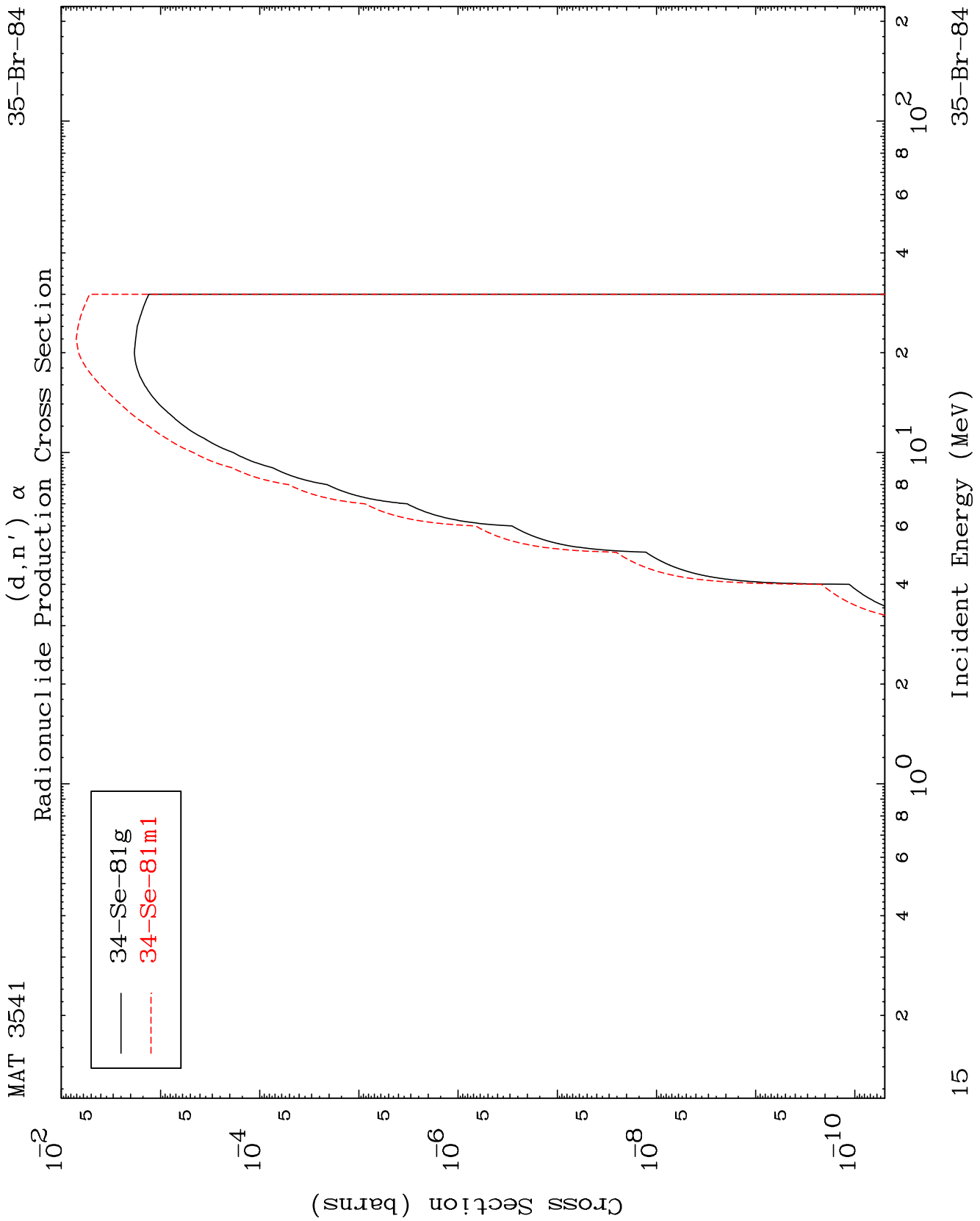
Radionuclide Production Cross Section



14

Incident Energy (MeV)

35-Br-84

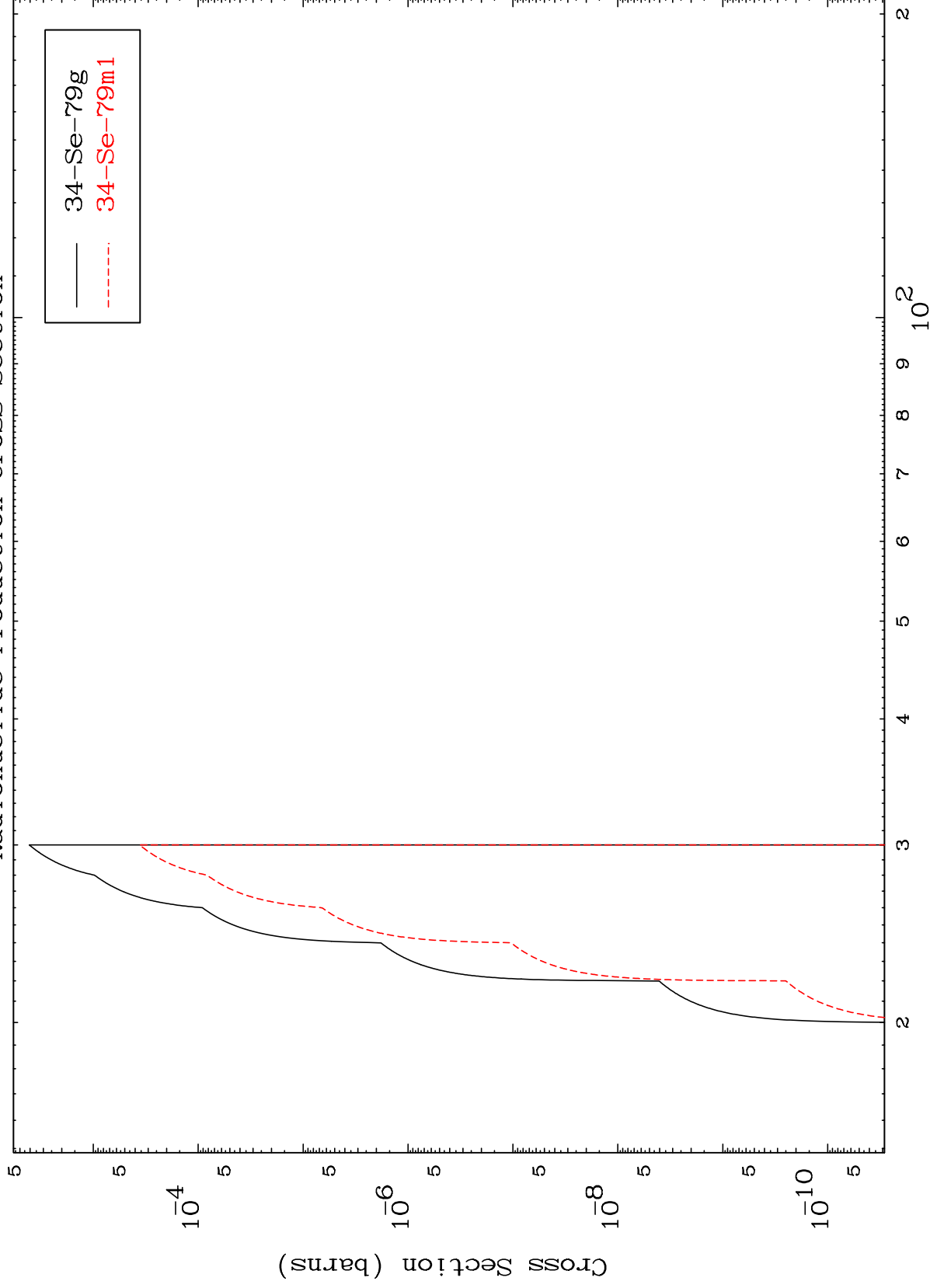


MAT 3541

(d,3n) α

35-Br-84

Radionuclide Production Cross Section



16

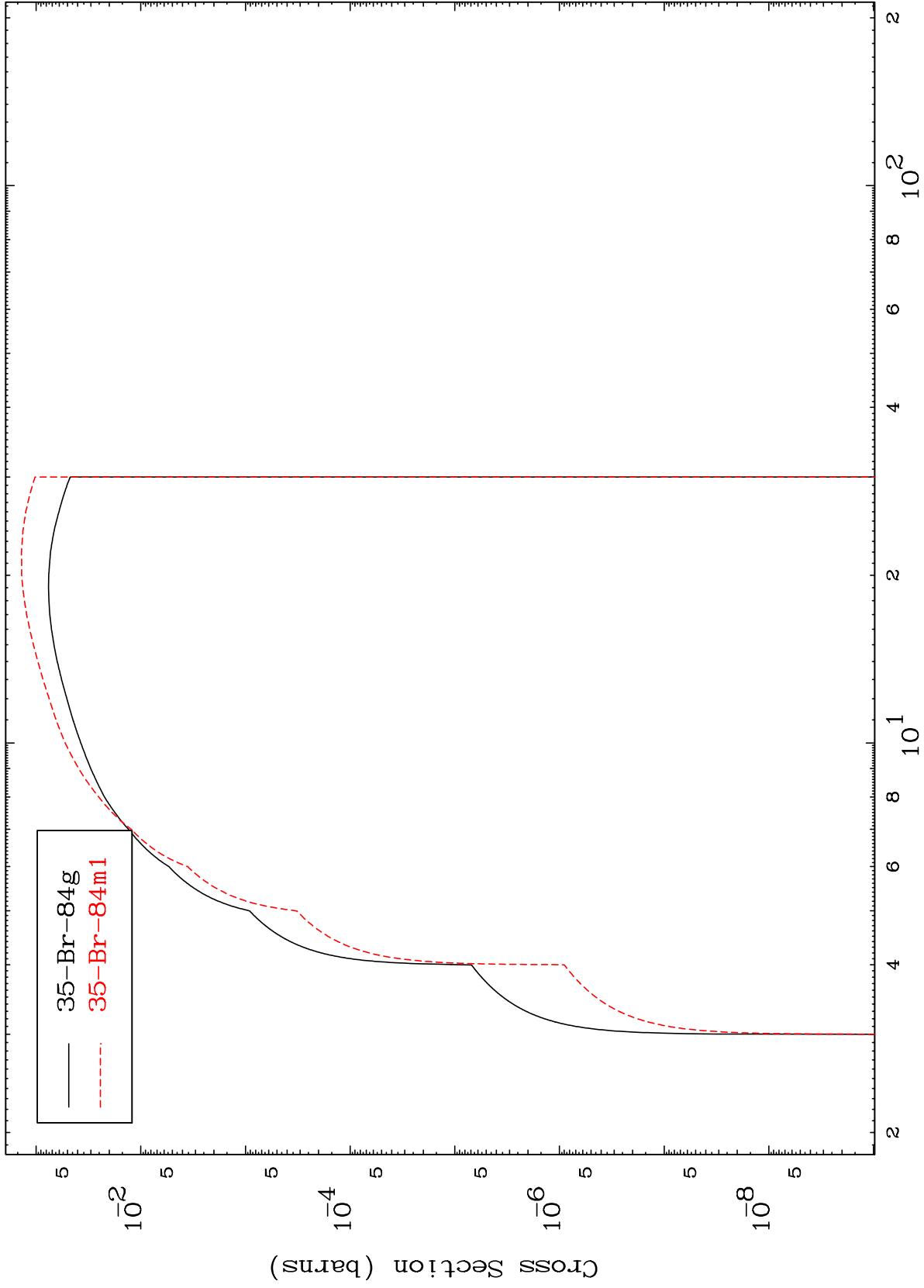
Incident Energy (MeV)

35-Br-84

MAT 3541

³⁵Br-84

(d,n') p
Radionuclide Production Cross Section



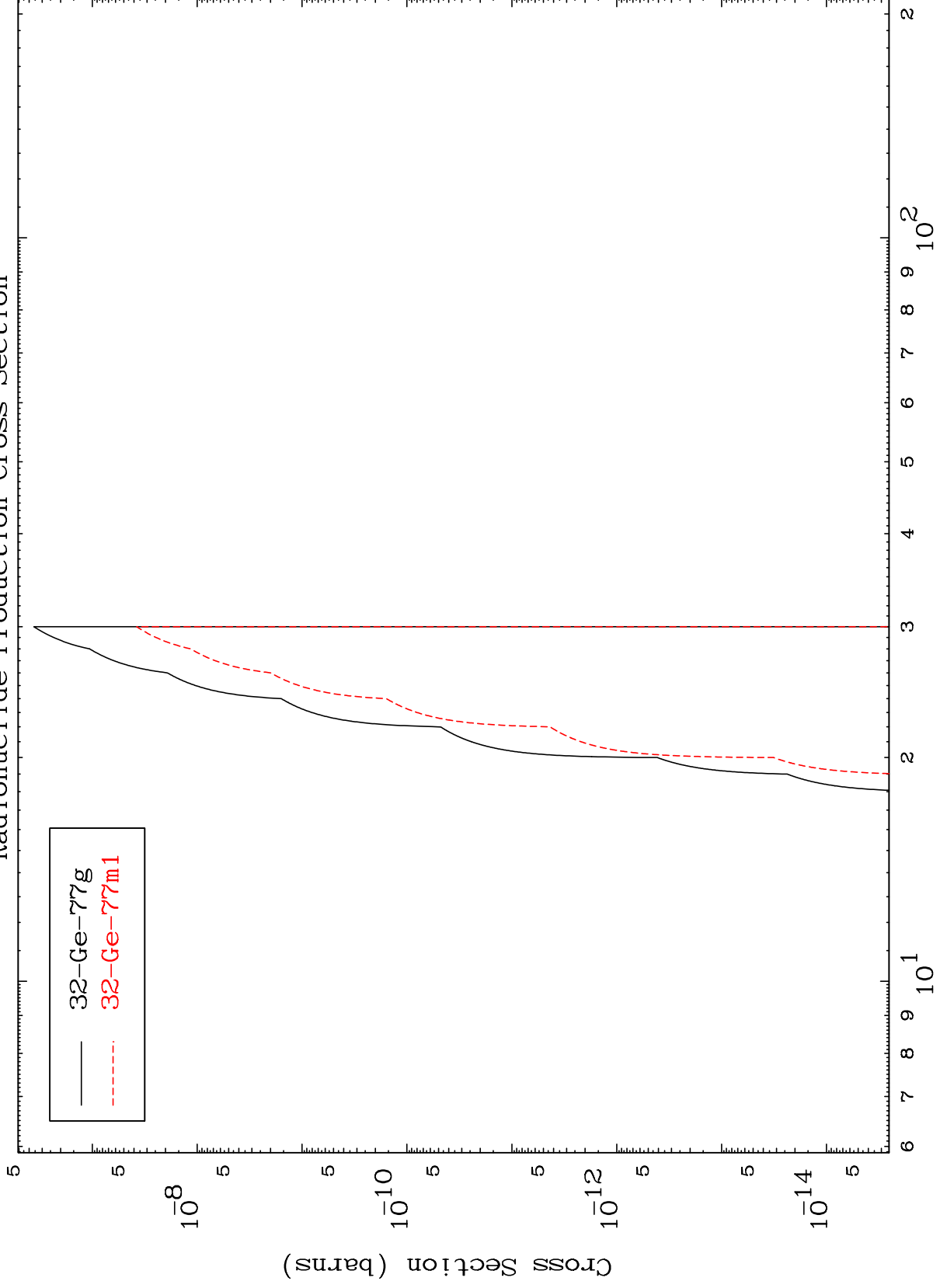
17

³⁵Br-84

MAT 3541

35-Br-84

(d,n') 2 α
Radionuclide Production Cross Section



18

Incident Energy (MeV)

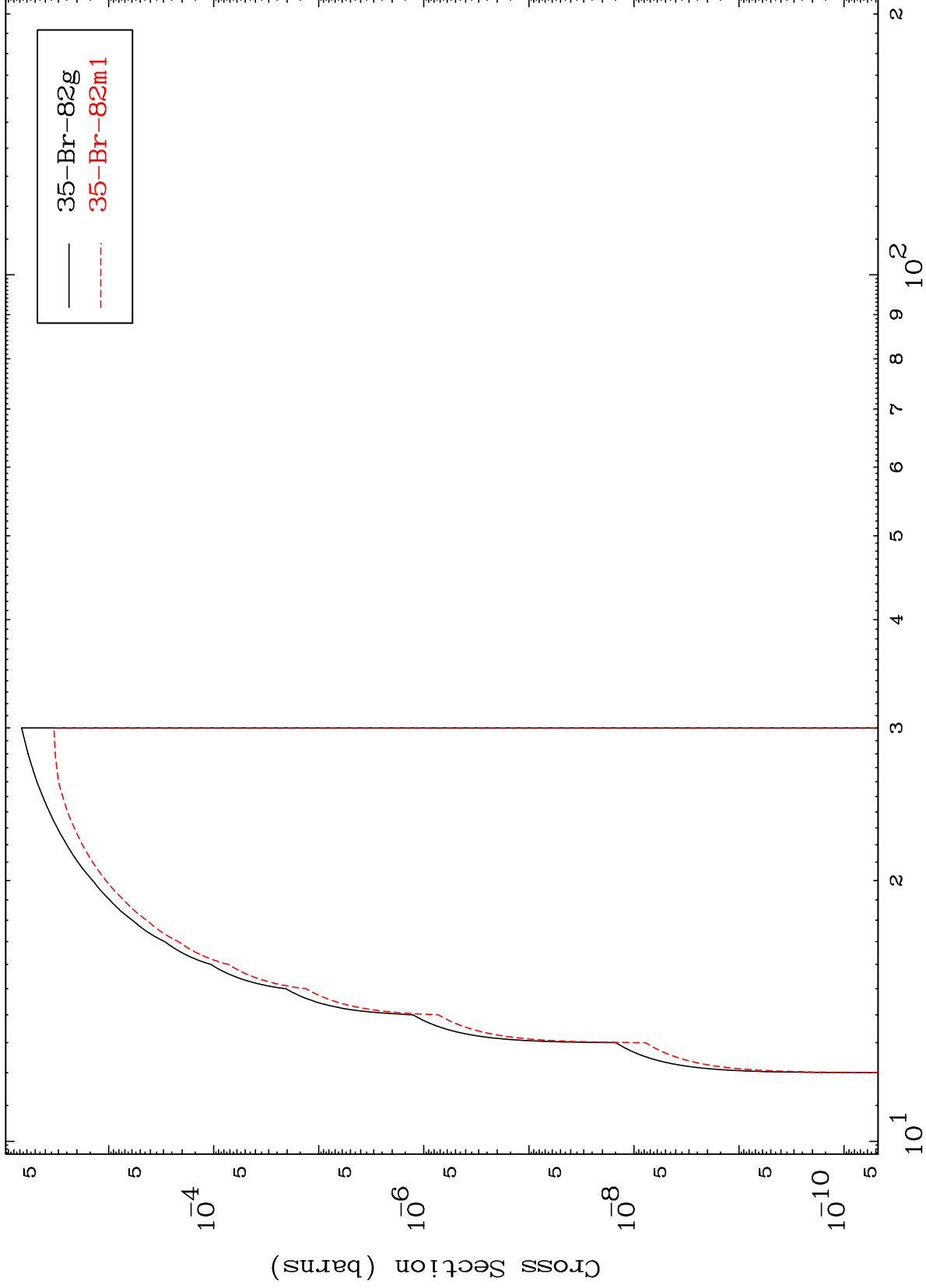
35-Br-84

MAT 3541

(d,n') t

35-Br-84

Radionuclide Production Cross Section



Incident Energy (MeV)

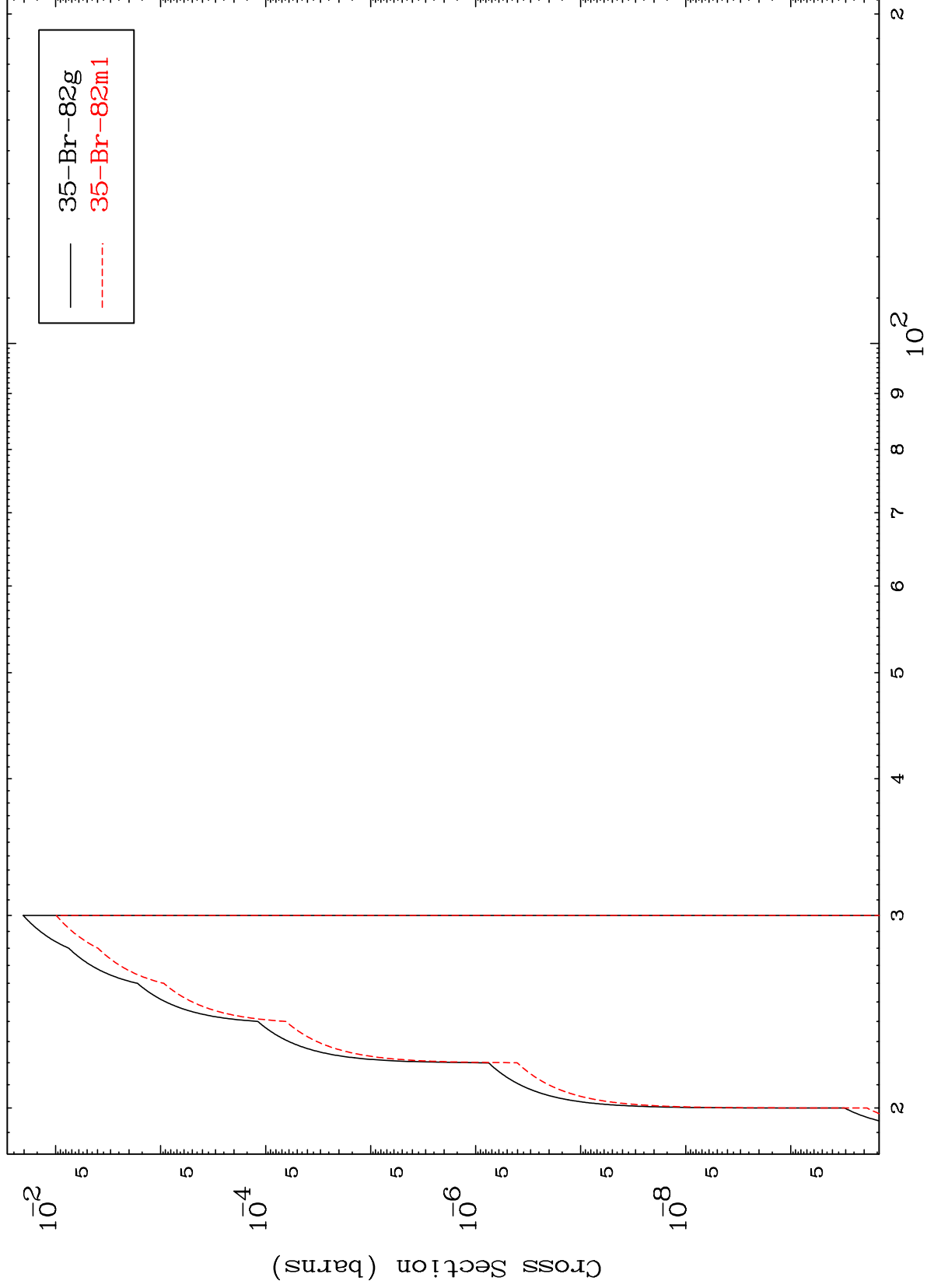
35-Br-84

MAT 3541

(d,3n) p

35-Br-84

Radionuclide Production Cross Section



20

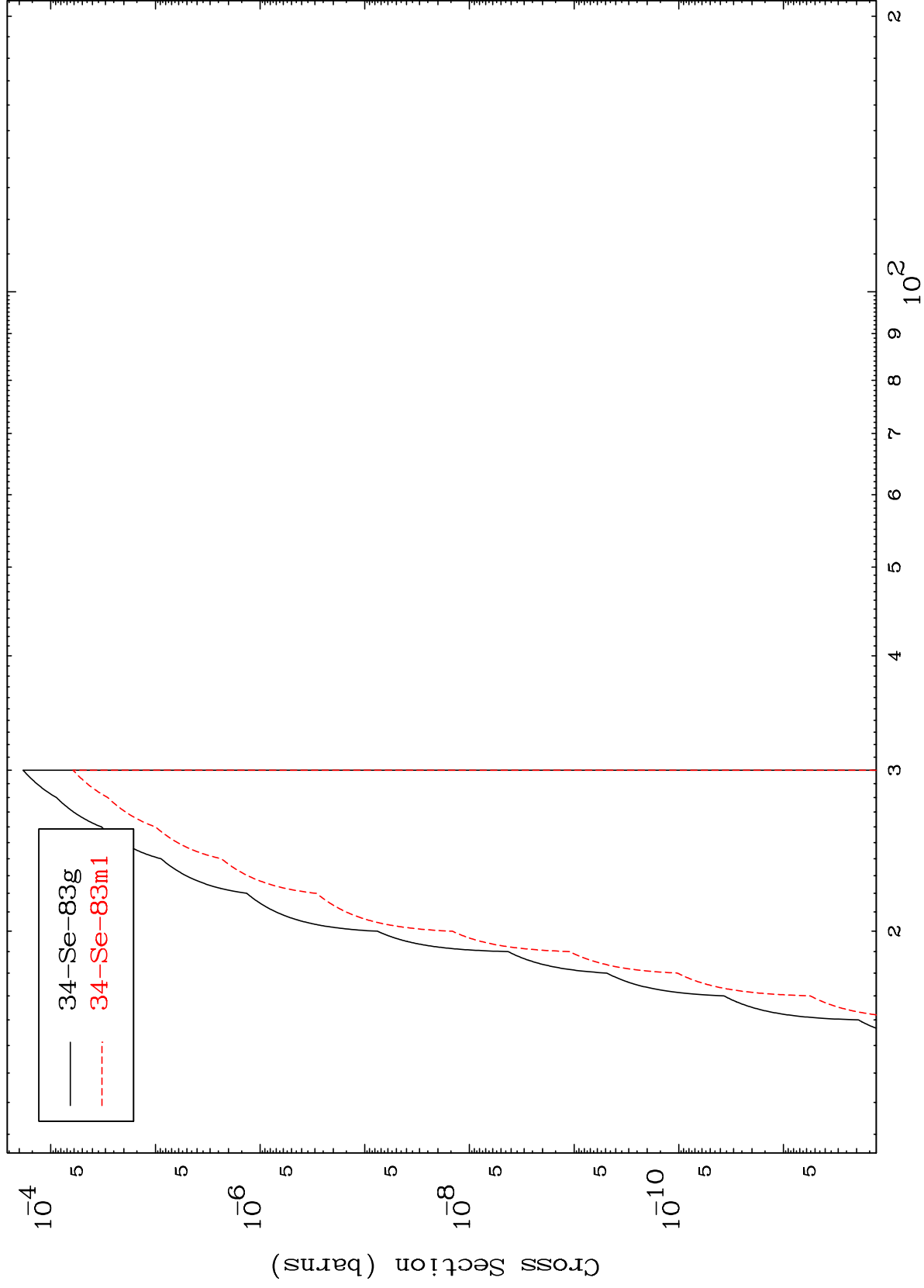
Incident Energy (MeV)

35-Br-84

MAT 3541

35-Br-84

(d,2n) p
Radionuclide Production Cross Section



35-Br-84

Incident Energy (MeV)

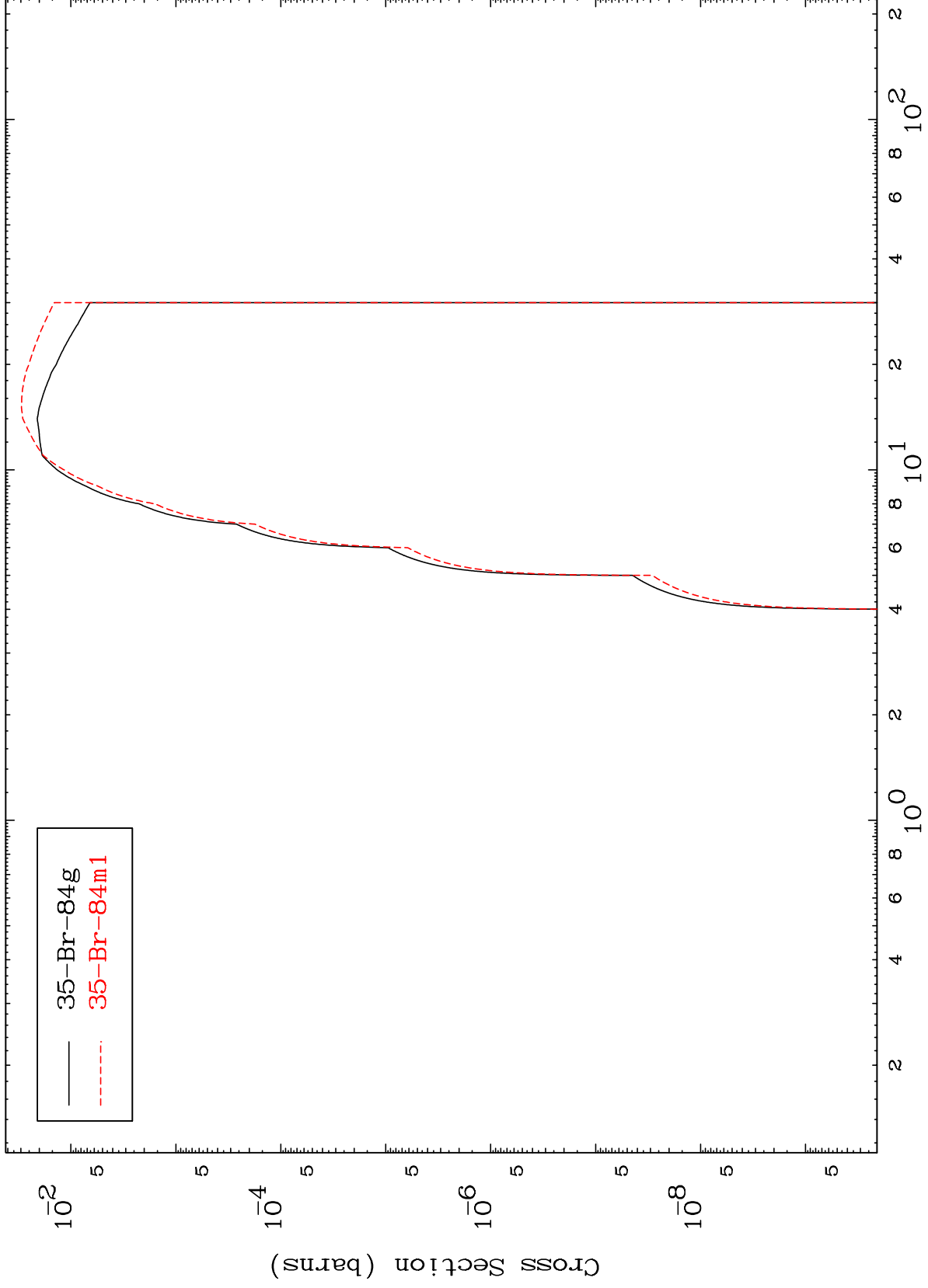
21

MAT 3541

(d,d)

³⁵Br-84

Radionuclide Production Cross Section



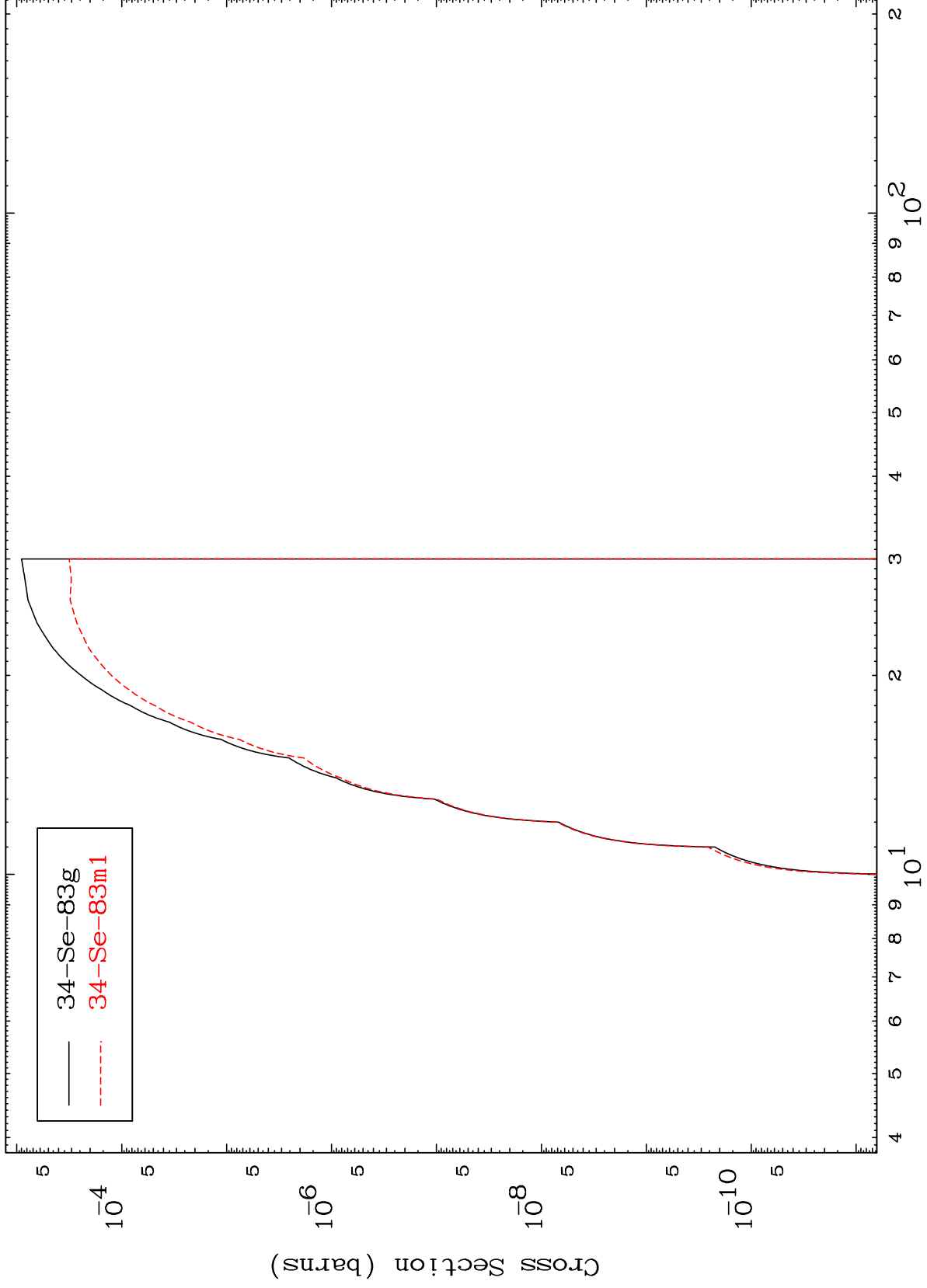
— 35-Br-84g
- - - 35-Br-84m1

MAT 3541

(d,He-3)

35-Br-84

Radionuclide Production Cross Section



23

Incident Energy (MeV)

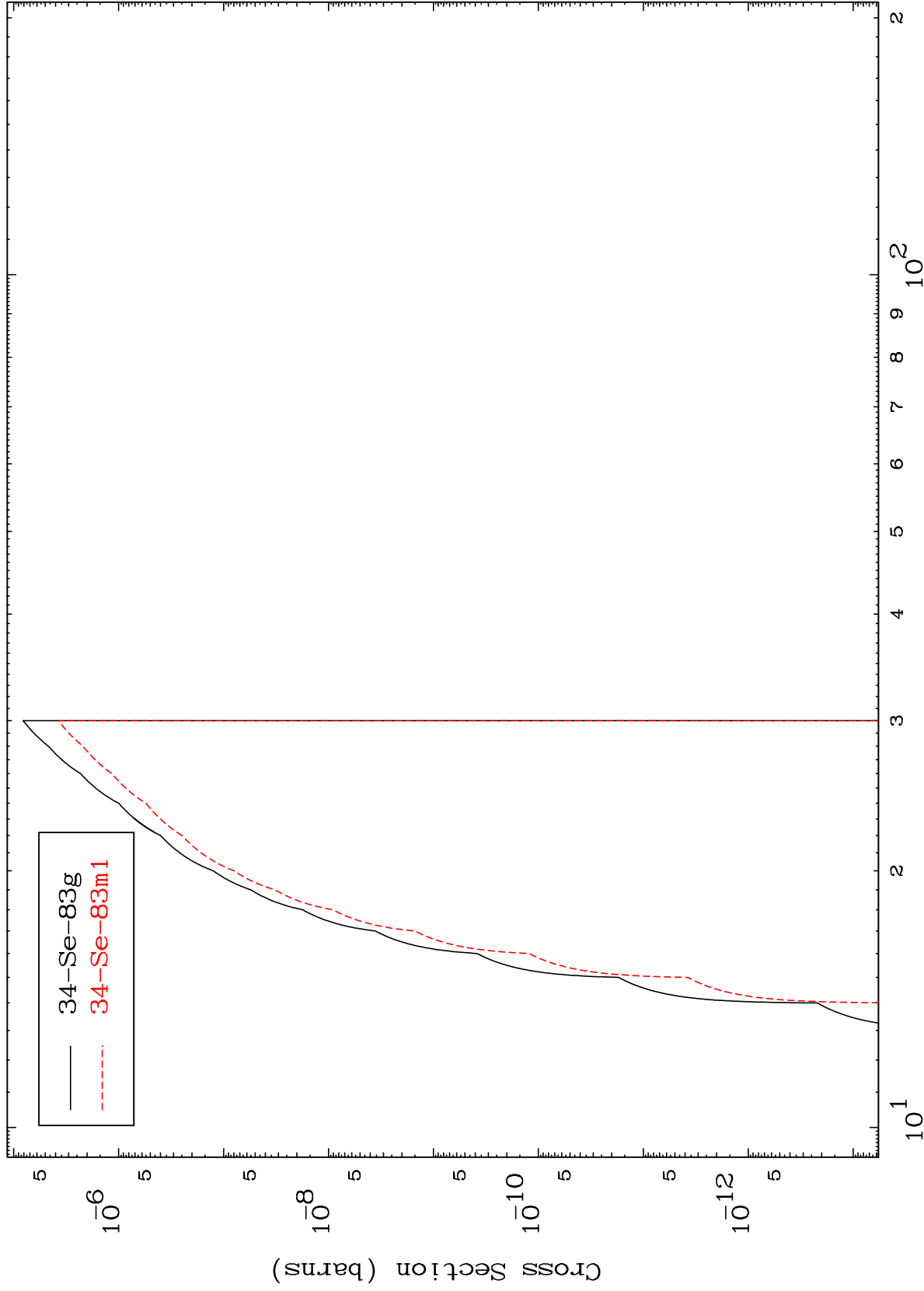
35-Br-84

MAT 3541

(d,p) d

³⁵Br-84

Radionuclide Production Cross Section



Incident Energy (MeV)

³⁵Br-84

24