

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

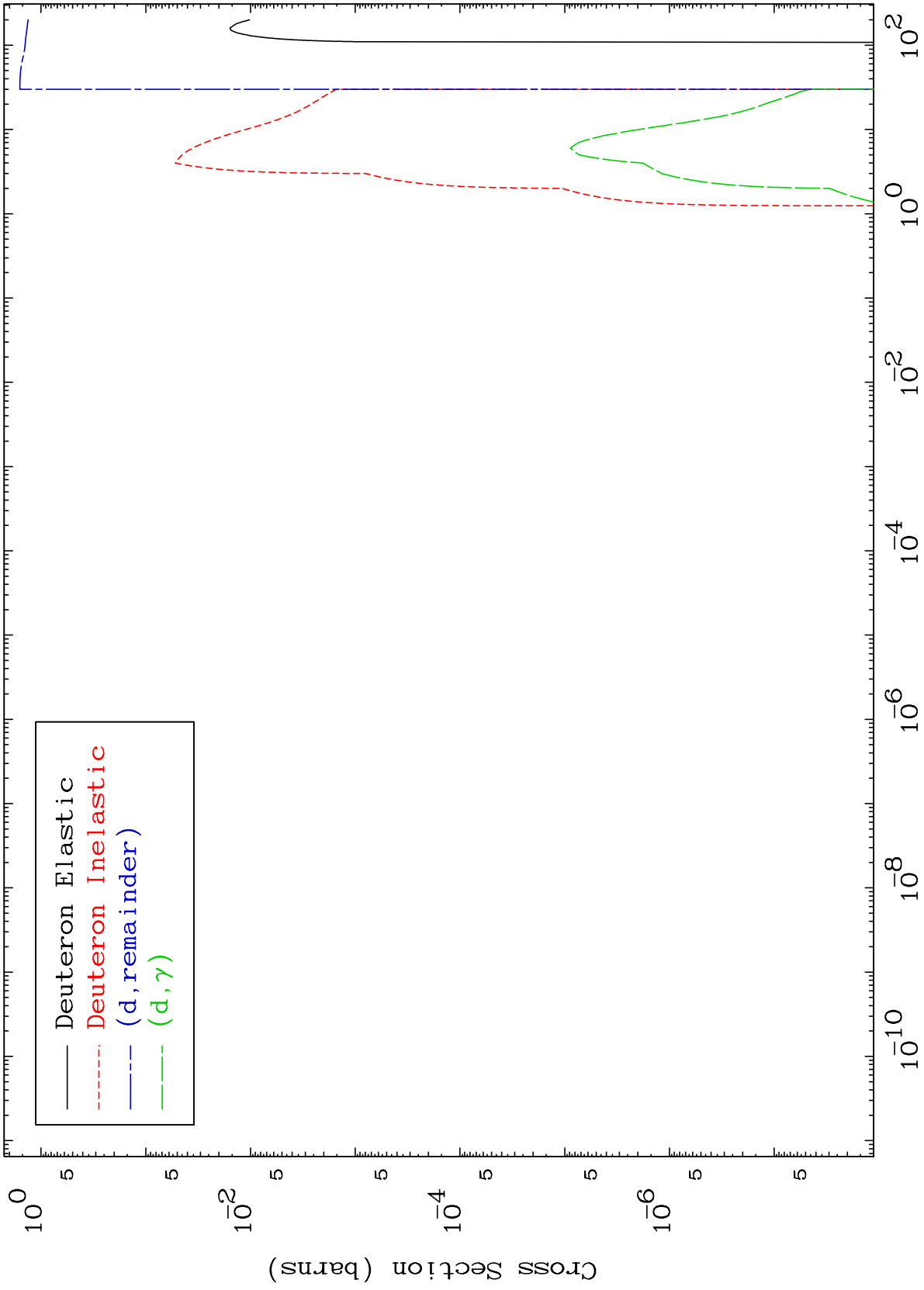
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2711

Deuteron Major
0 Kelvin Cross Sections

27-Co-54



1

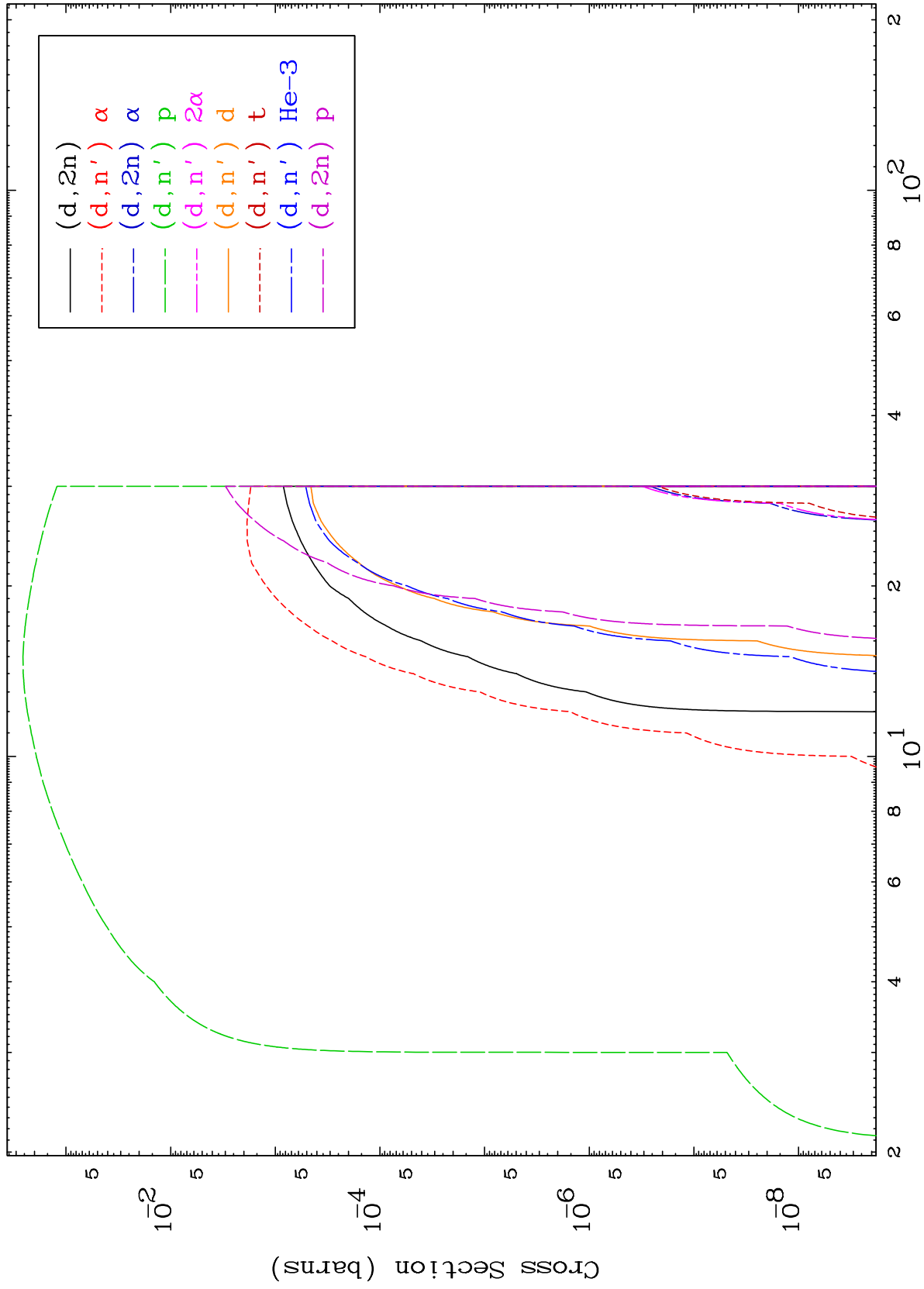
Incident Energy (MeV)

27-Co-54

MAT 2711

Deuteron Neutron Production
0 Kelvin Cross Sections

27-Co-54



2

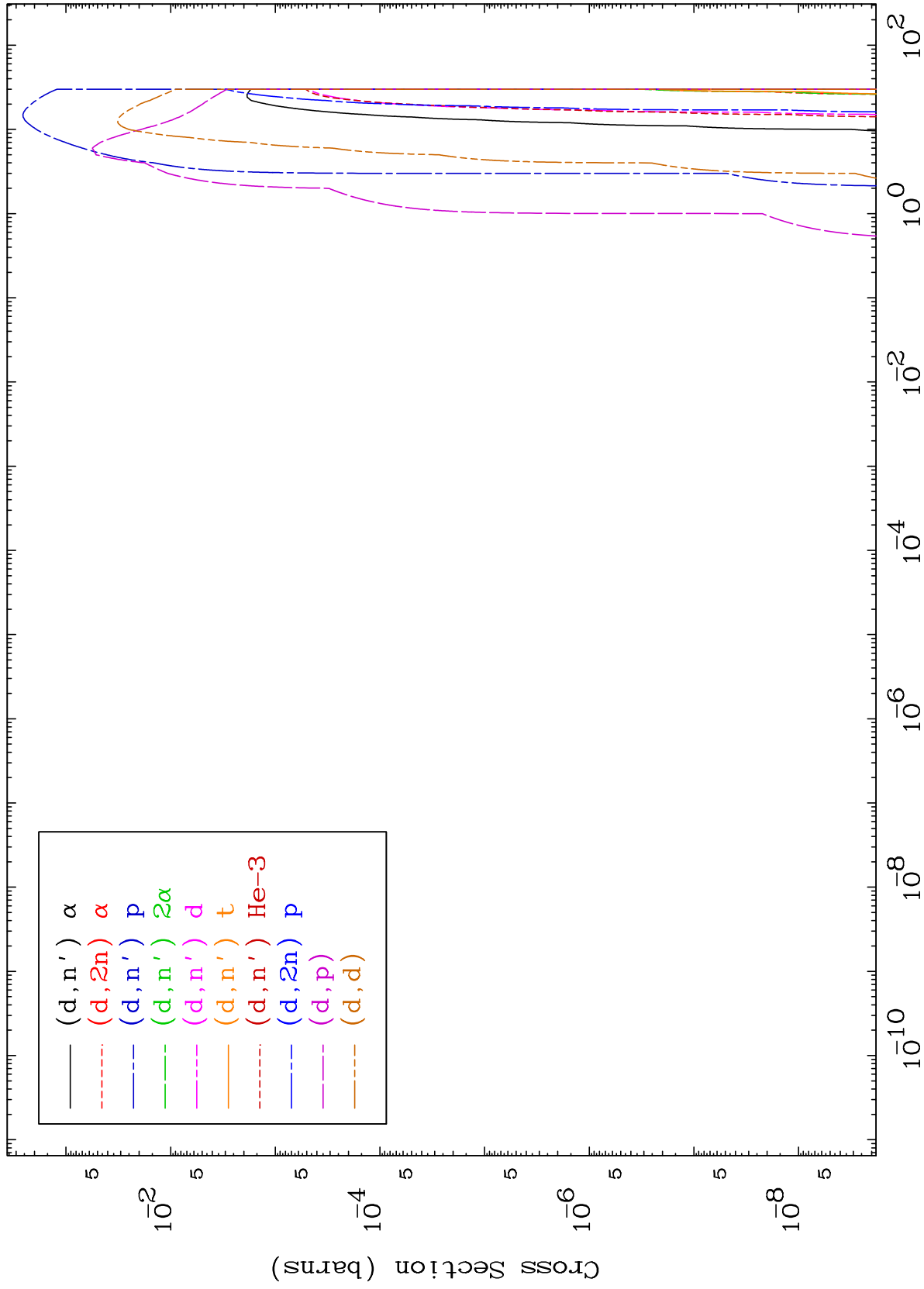
Incident Energy (MeV)

27-Co-54

MAT 2711

Deuteron Charged Particle
0 Kelvin Cross Sections

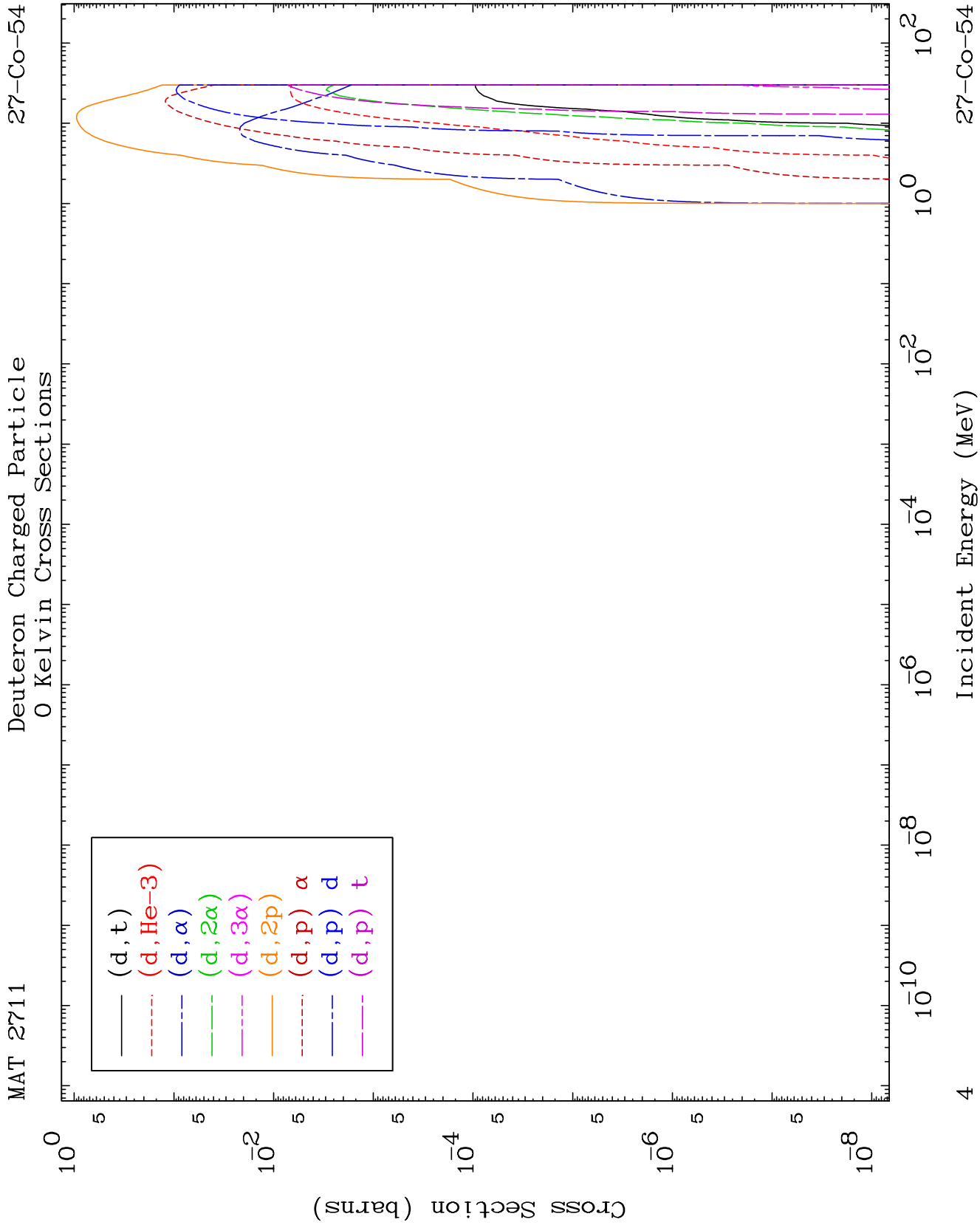
27-Co-54



3

Incident Energy (MeV)

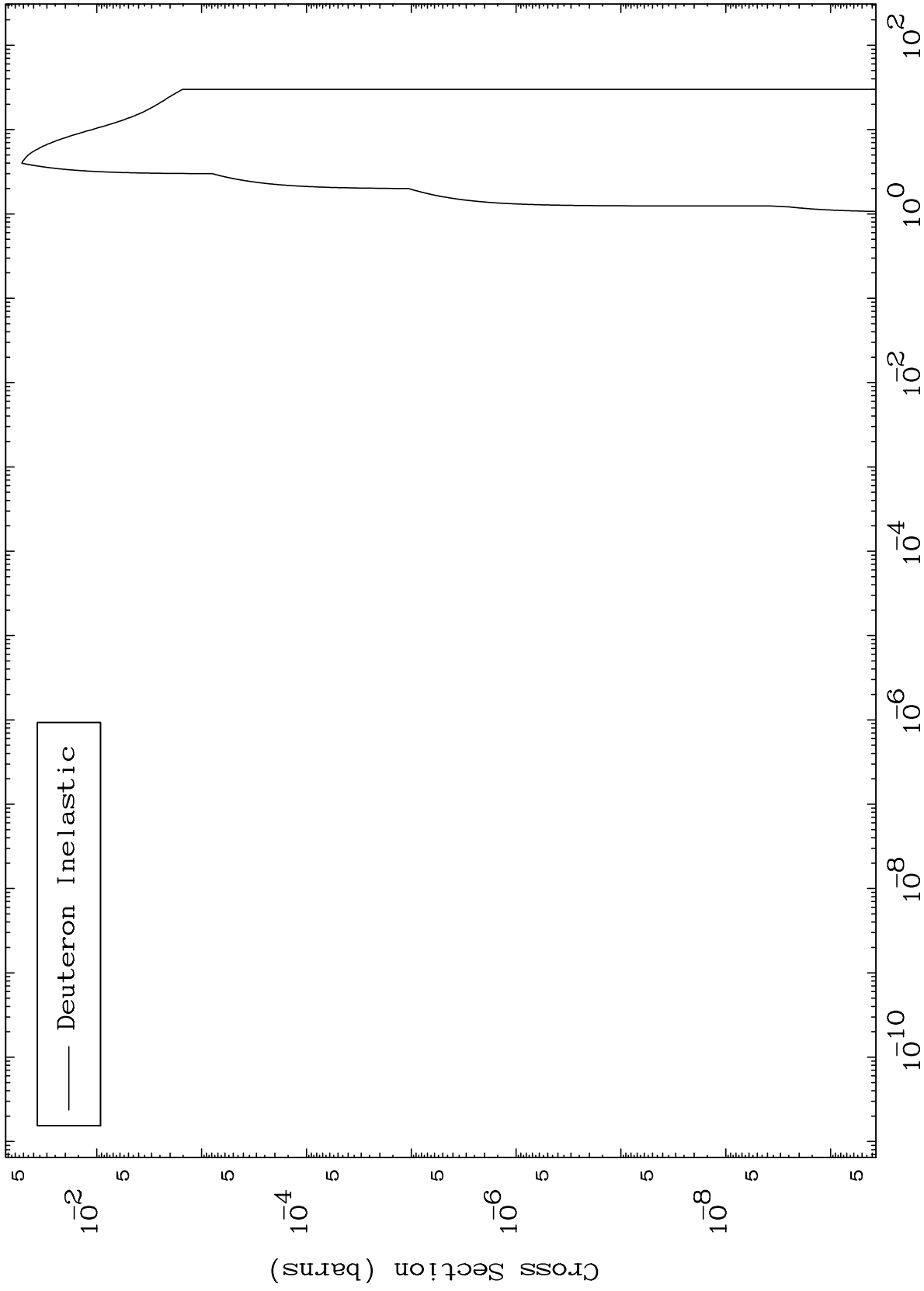
27-Co-54



MAT 2711

(d,n') Level
0 Kelvin Cross Sections

27-Co-54



5

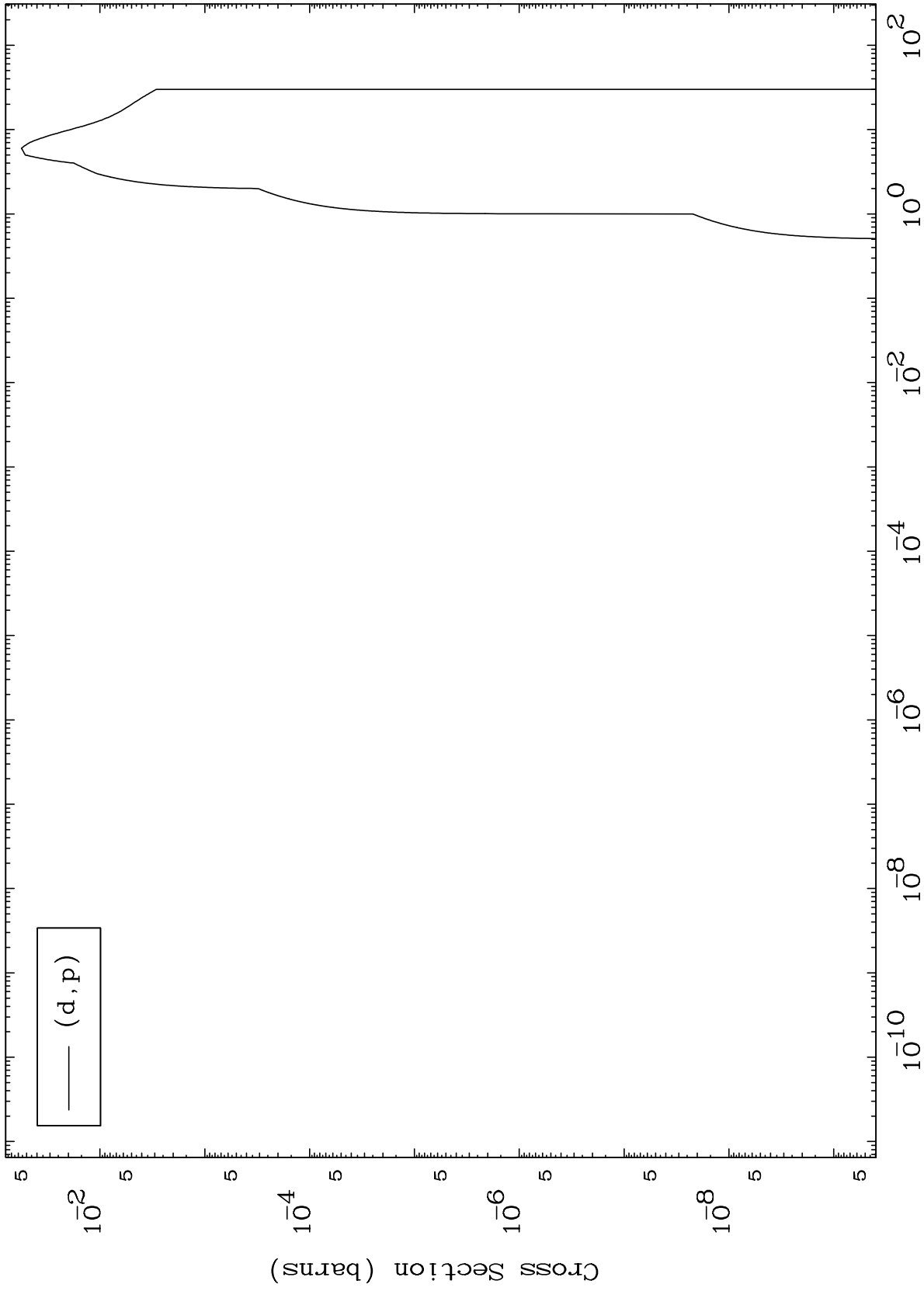
Incident Energy (MeV)

27-Co-54

MAT 2711

(d,p) Levels
0 Kelvin Cross Sections

27-Co-54



6

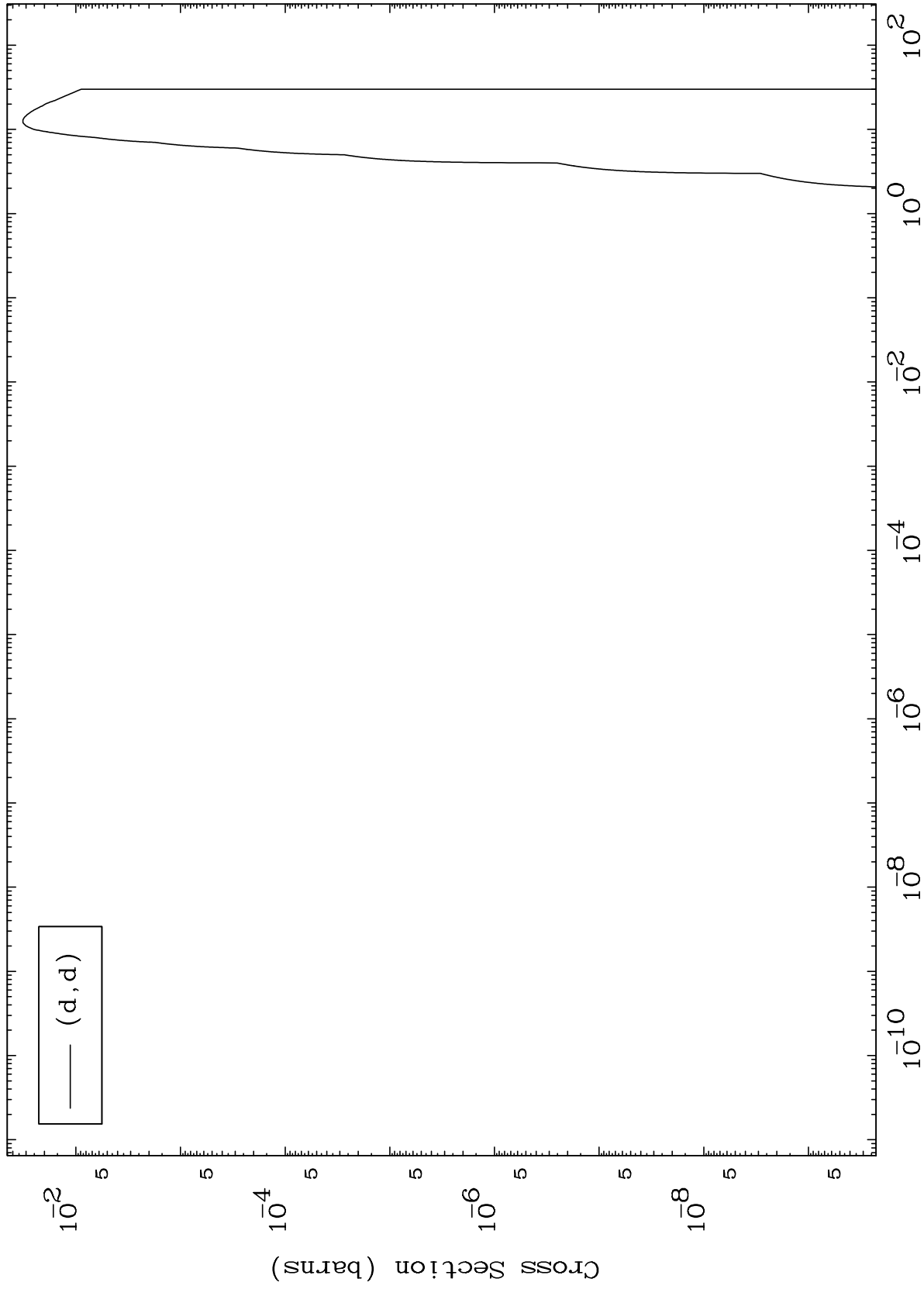
Incident Energy (MeV)

27-Co-54

MAT 2711

(d,d) Levels
0 Kelvin Cross Sections

27-Co-54



7

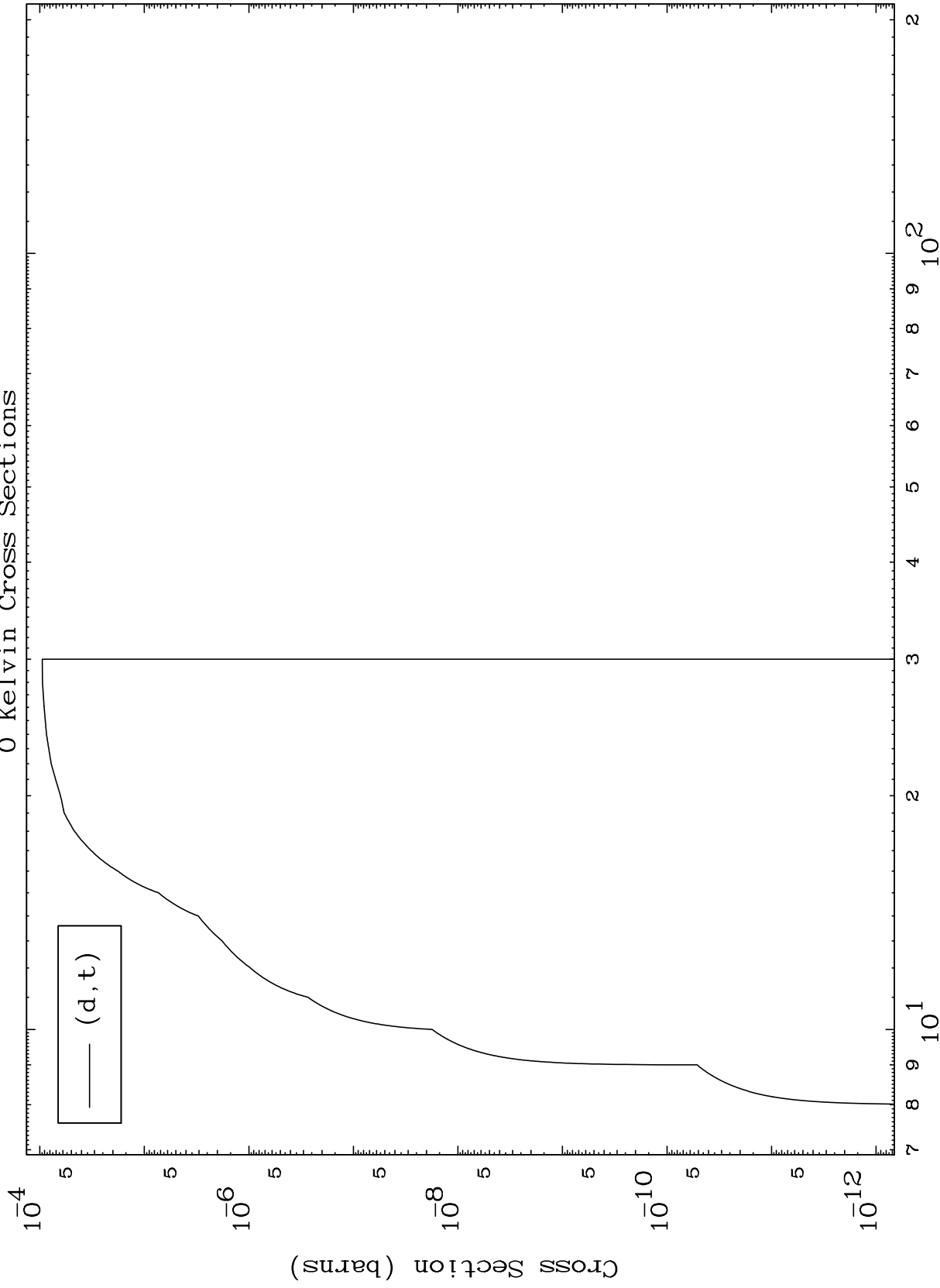
Incident Energy (MeV)

27-Co-54

MAT 2711

(d,t) Levels
0 Kelvin Cross Sections

27-Co-54



8

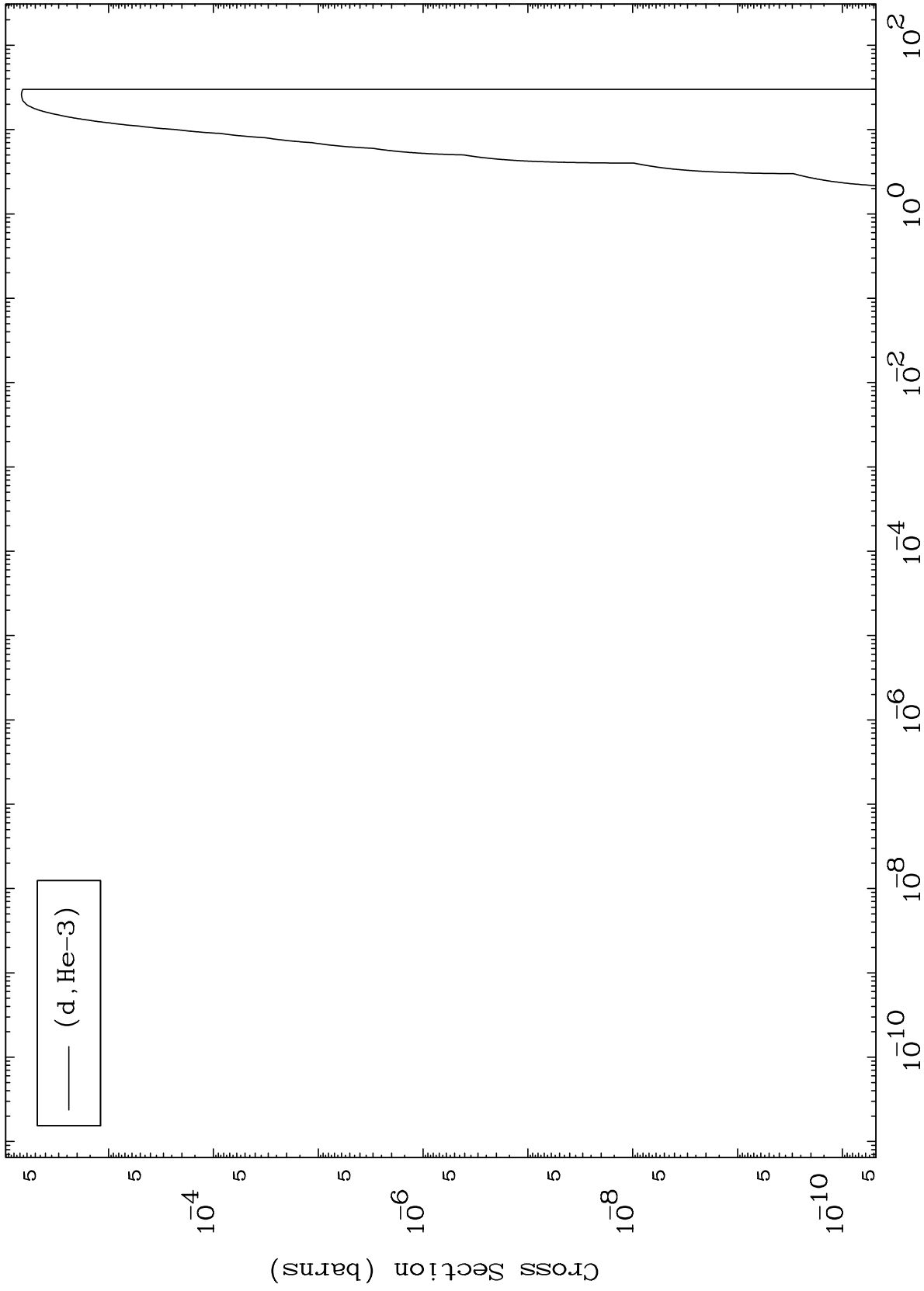
Incident Energy (MeV)

27-Co-54

MAT 2711

(d,He3) Levels
0 Kelvin Cross Sections

27-Co-54



9

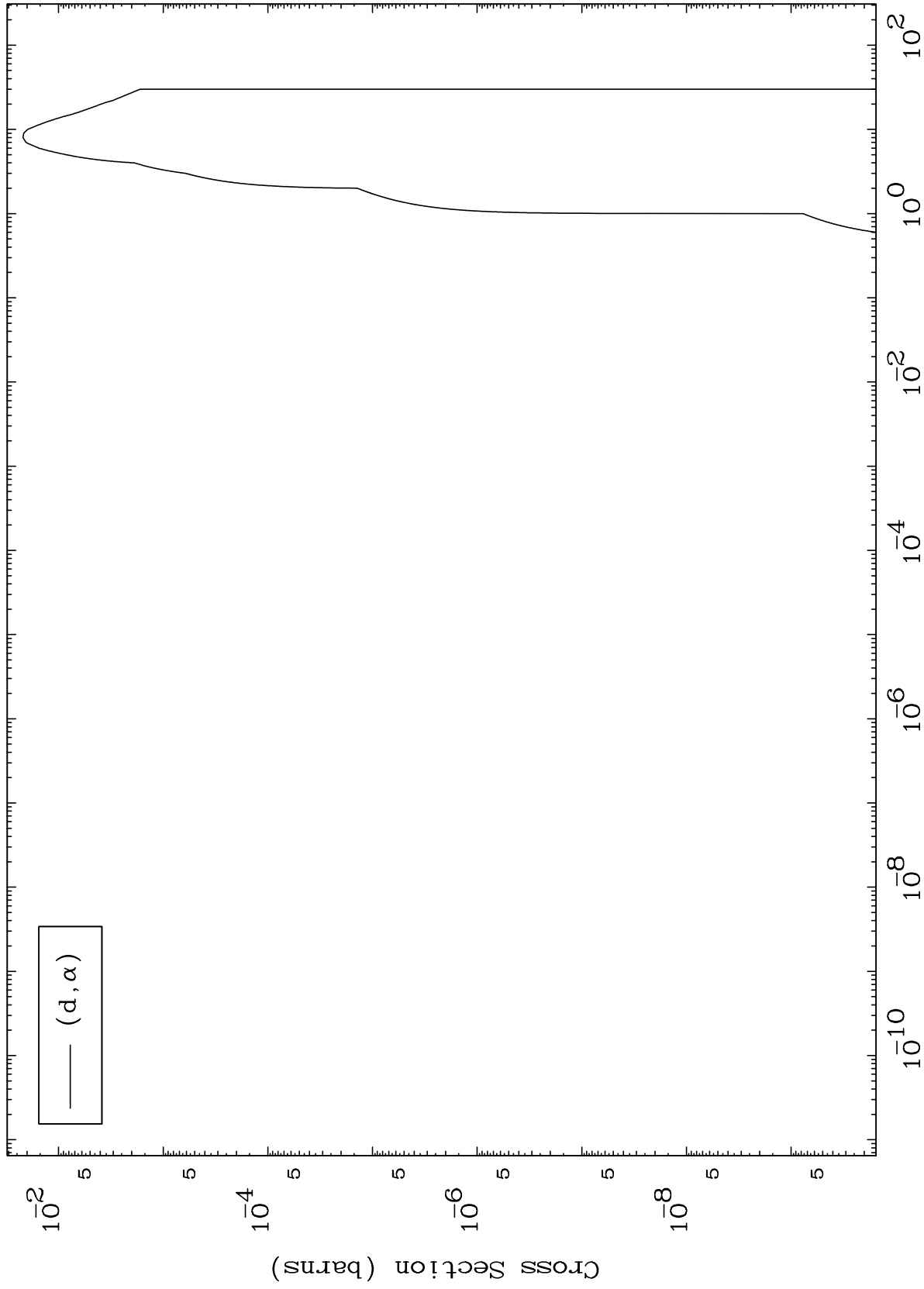
Incident Energy (MeV)

27-Co-54

MAT 2711

(d, α) Levels
0 Kelvin Cross Sections

27-Co-54



10

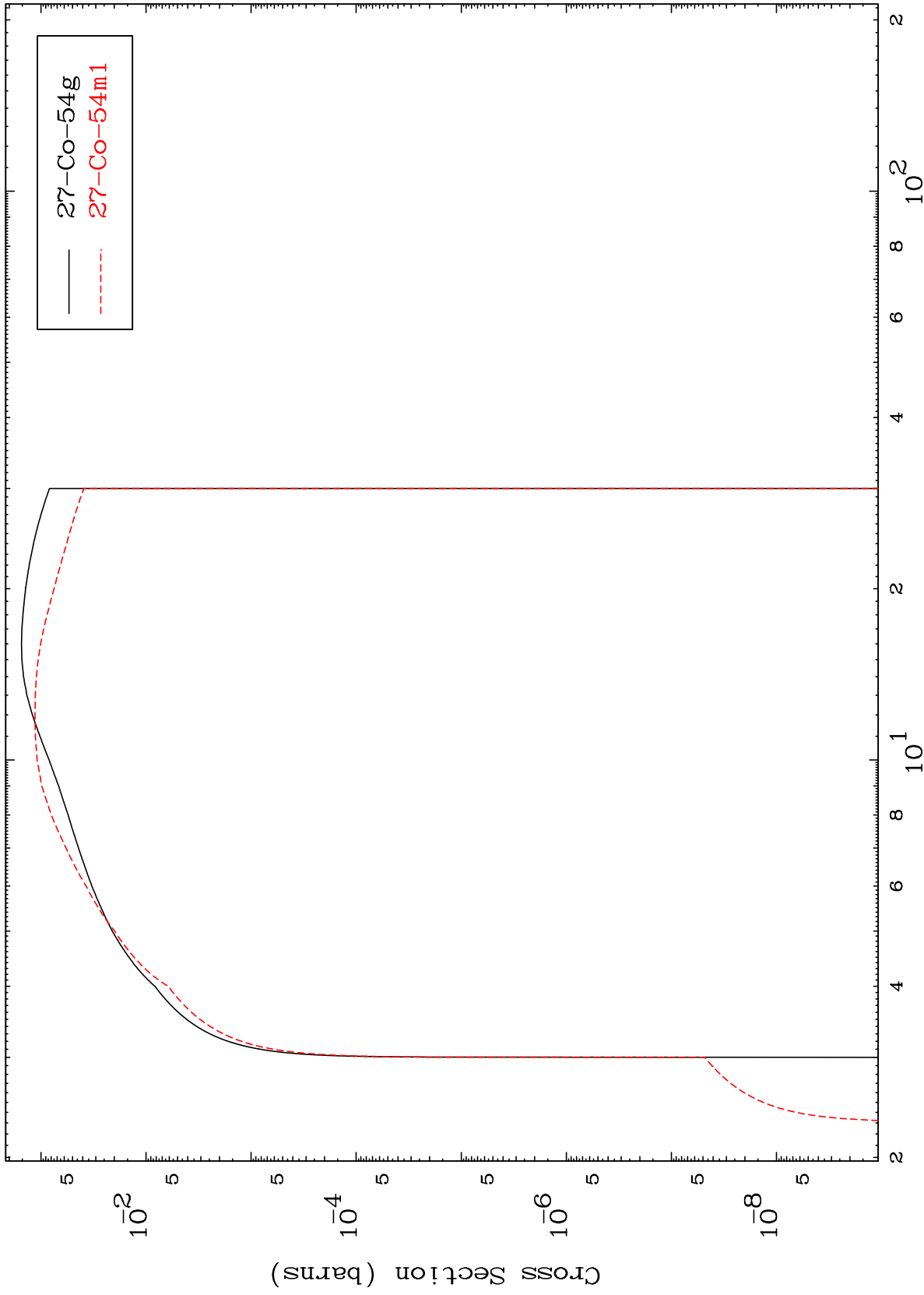
Incident Energy (MeV)

27-Co-54

MAT 2711

27-Co-54

(d,n') p
Radionuclide Production Cross Section



11

Incident Energy (MeV)

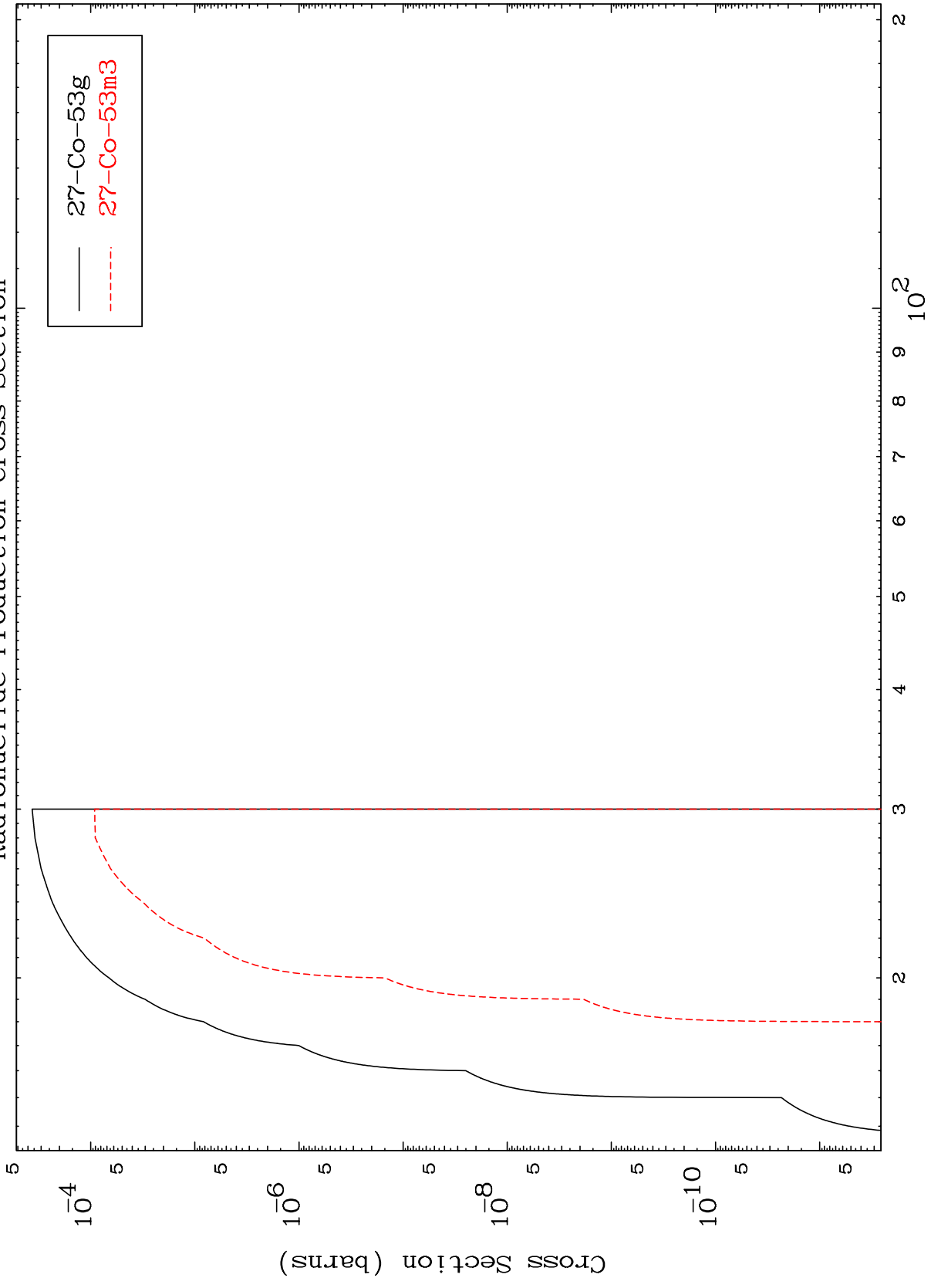
27-Co-54

MAT 2711

(d,n') d

27-Co-54

Radionuclide Production Cross Section



— 27-Co-53g
- - - 27-Co-53m3

12

Incident Energy (MeV)

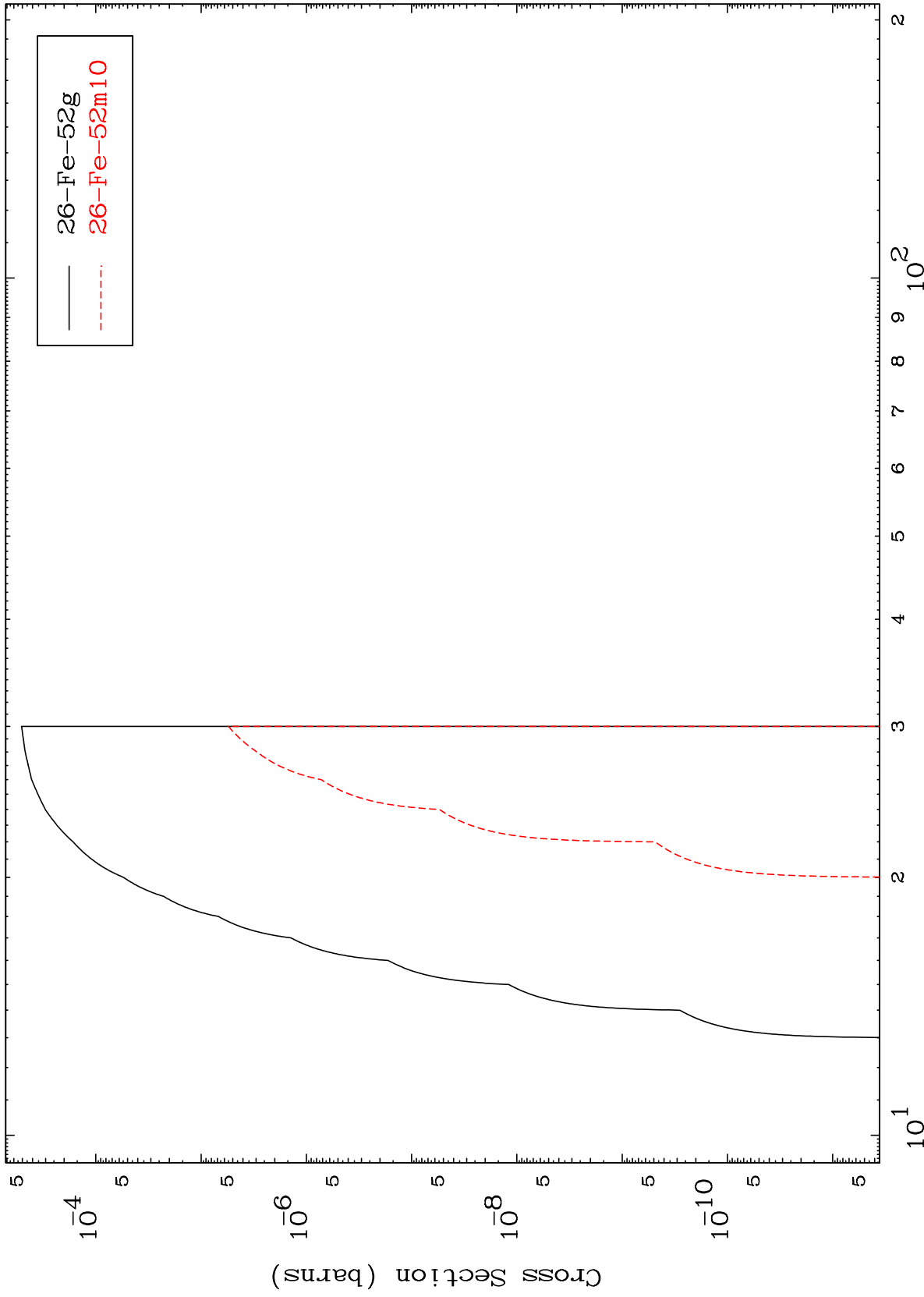
27-Co-54

MAT 2711

(d, n') He-3

27-Co-54

Radionuclide Production Cross Section



13

Incident Energy (MeV)

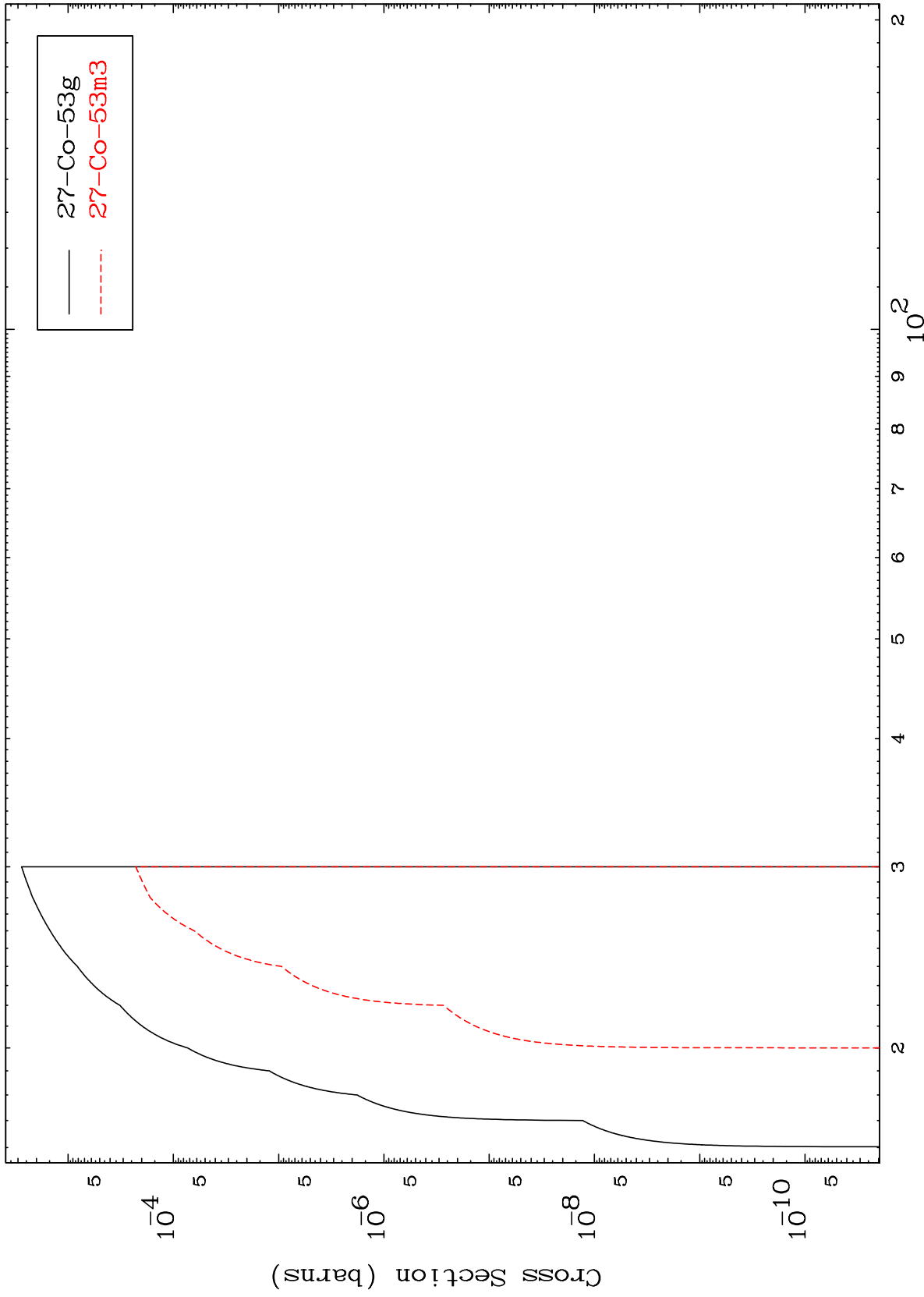
27-Co-54

MAT 2711

(d,2n) p

27-Co-54

Radionuclide Production Cross Section



14

Incident Energy (MeV)

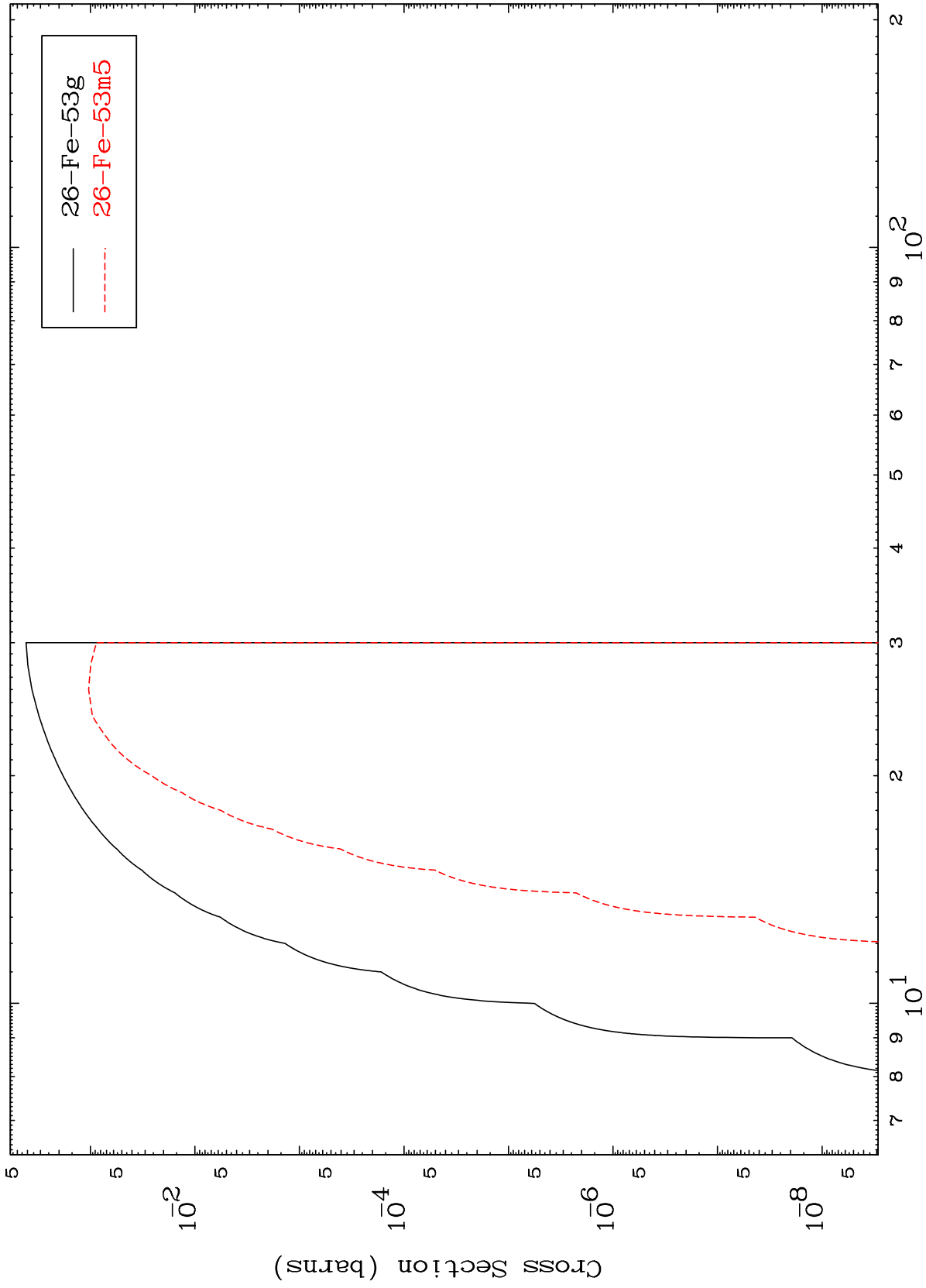
27-Co-54

MAT 2711

(d,2n) p

27-Co-54

Radionuclide Production Cross Section



15

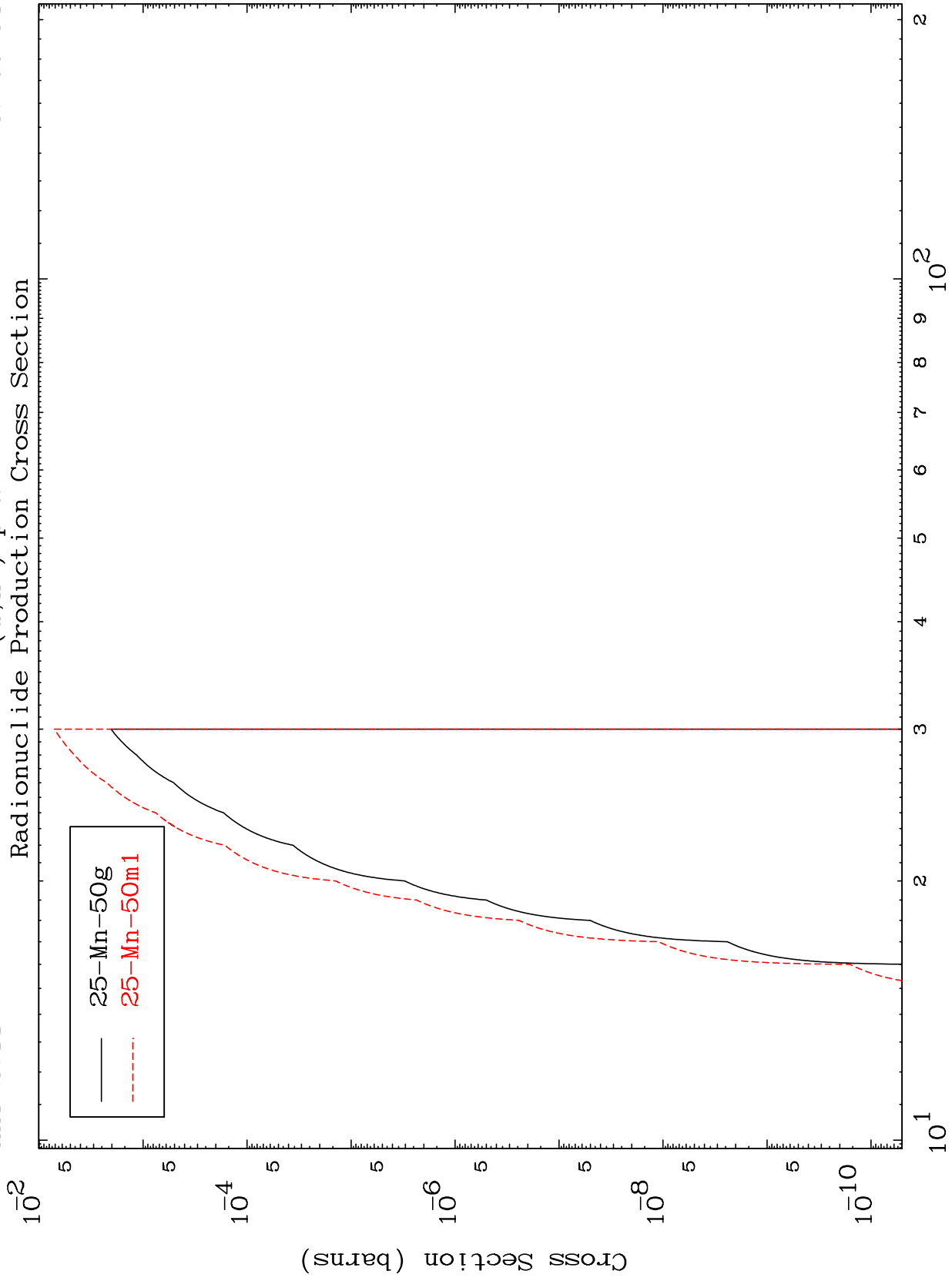
Incident Energy (MeV)

27-Co-54

MAT 2711

(d,n') p α

27-Co-54



27-Co-54

Incident Energy (MeV)

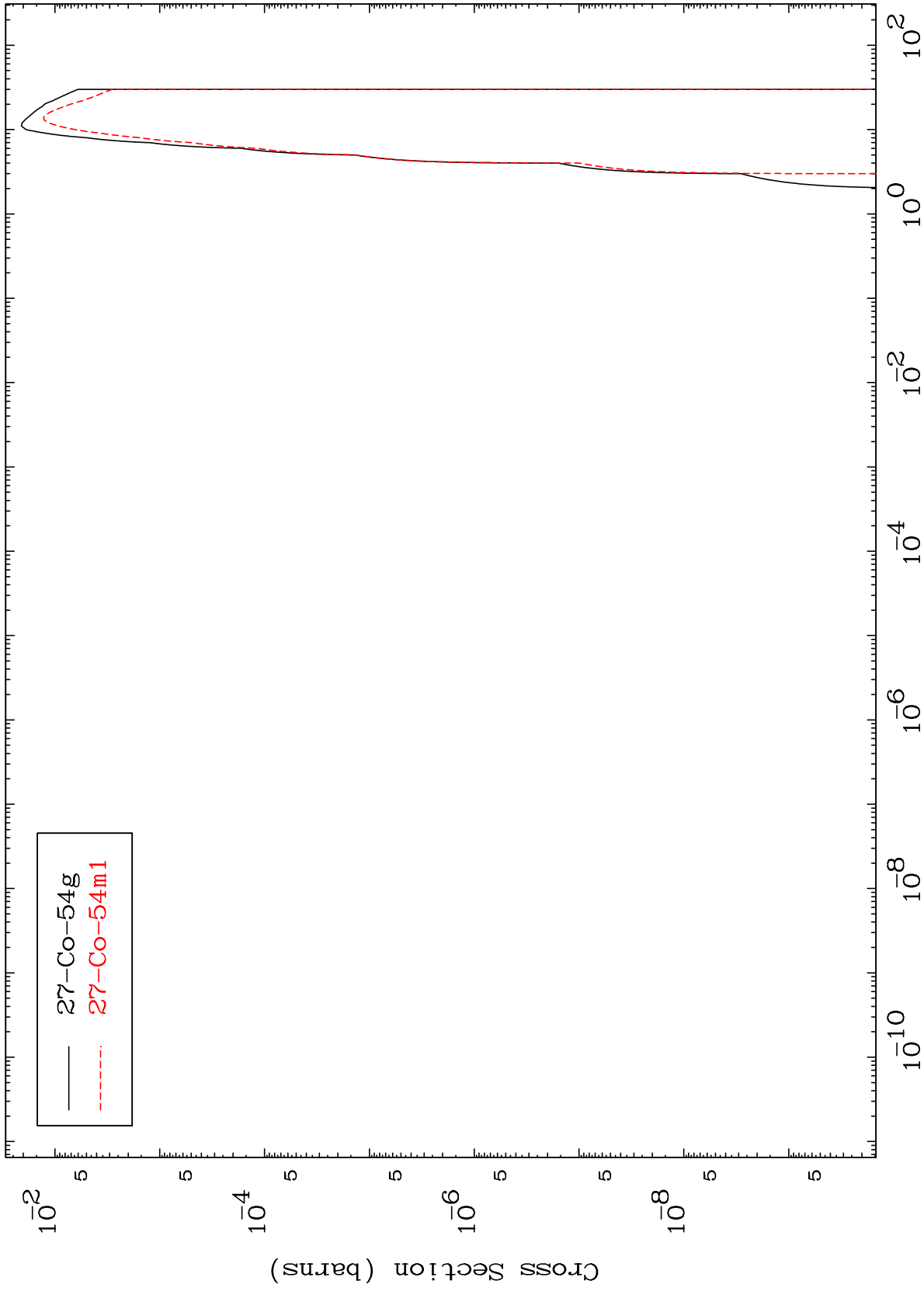
16

MAT 2711

(d,d)

Radionuclide Production Cross Section

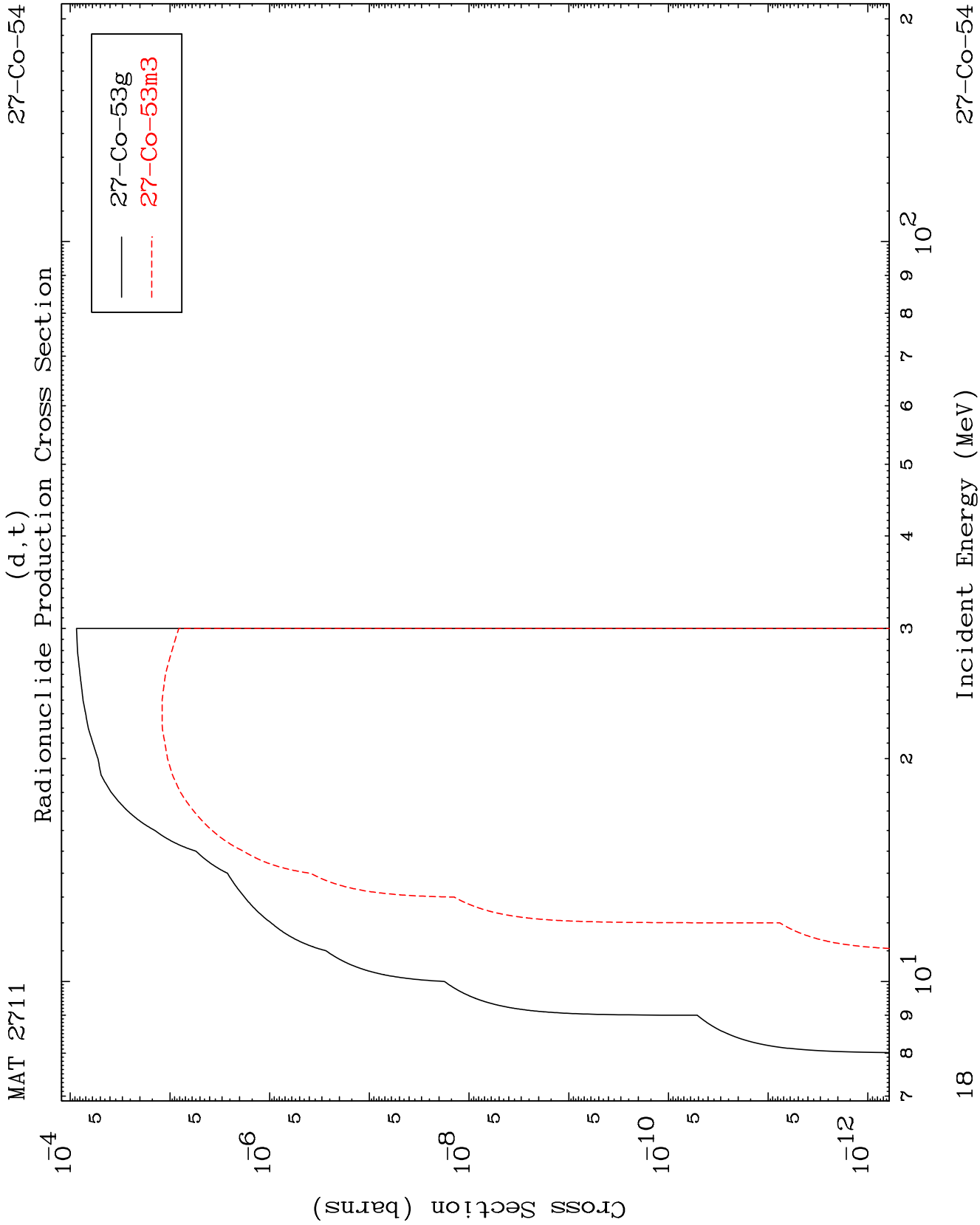
²⁷Co-54



17

Incident Energy (MeV)

²⁷Co-54

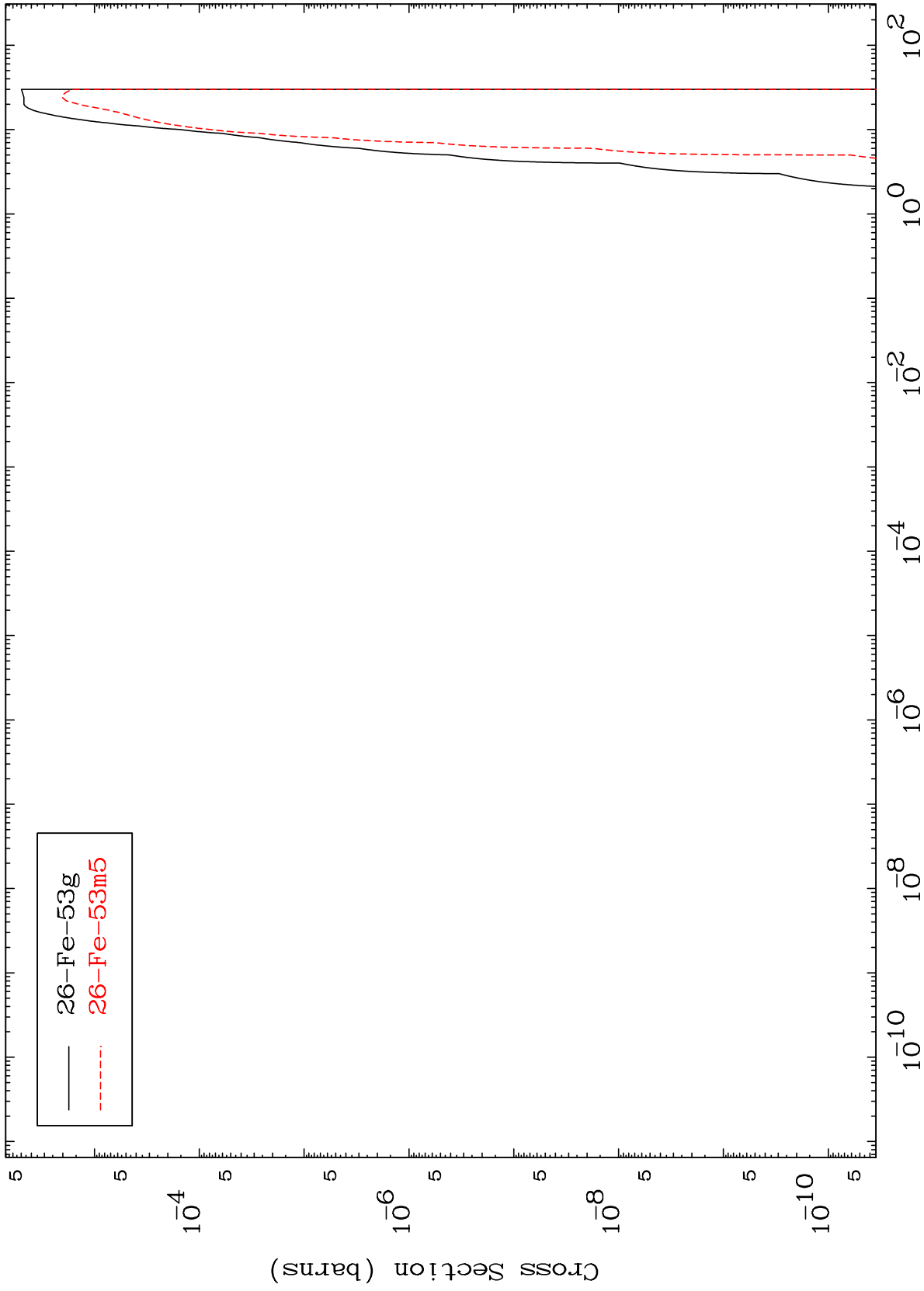


MAT 2711

(d, He-3)

27-Co-54

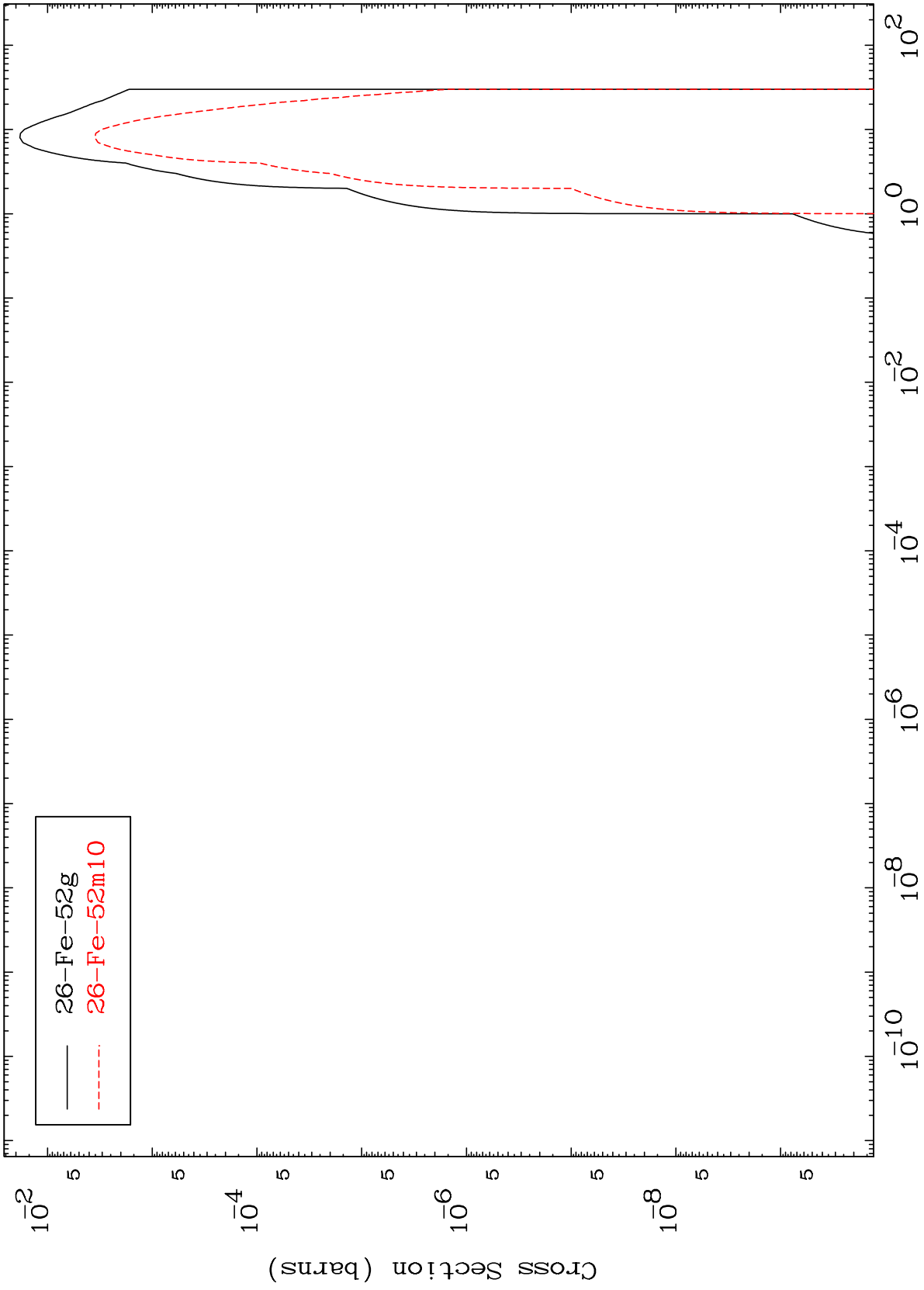
Radionuclide Production Cross Section



MAT 2711

Radionuclide Production Cross Section
(d, α)

²⁷Co-54



20

Incident Energy (MeV)

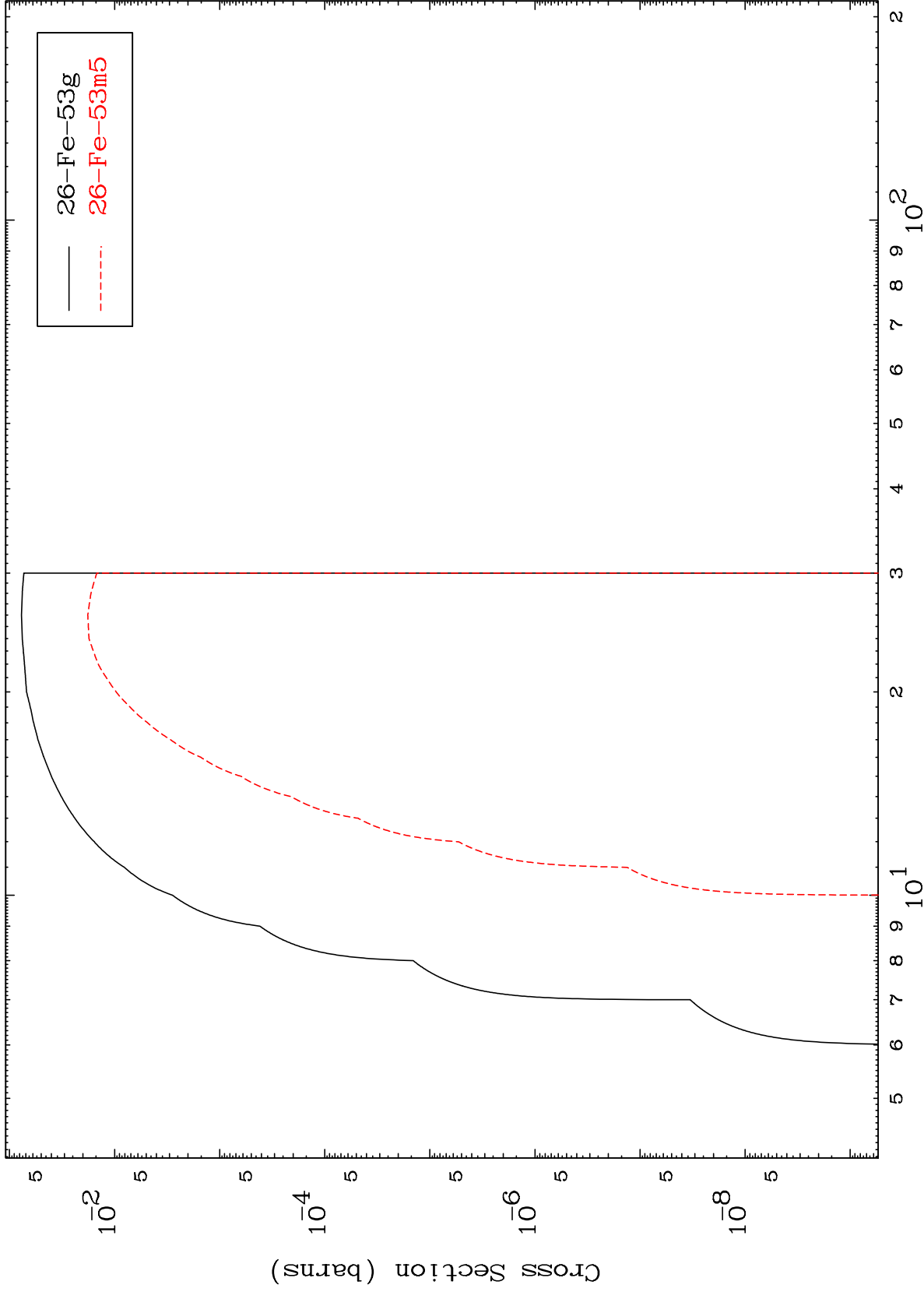
²⁷Co-54

MAT 2711

(d,p) d

27-Co-54

Radionuclide Production Cross Section



21

Incident Energy (MeV)

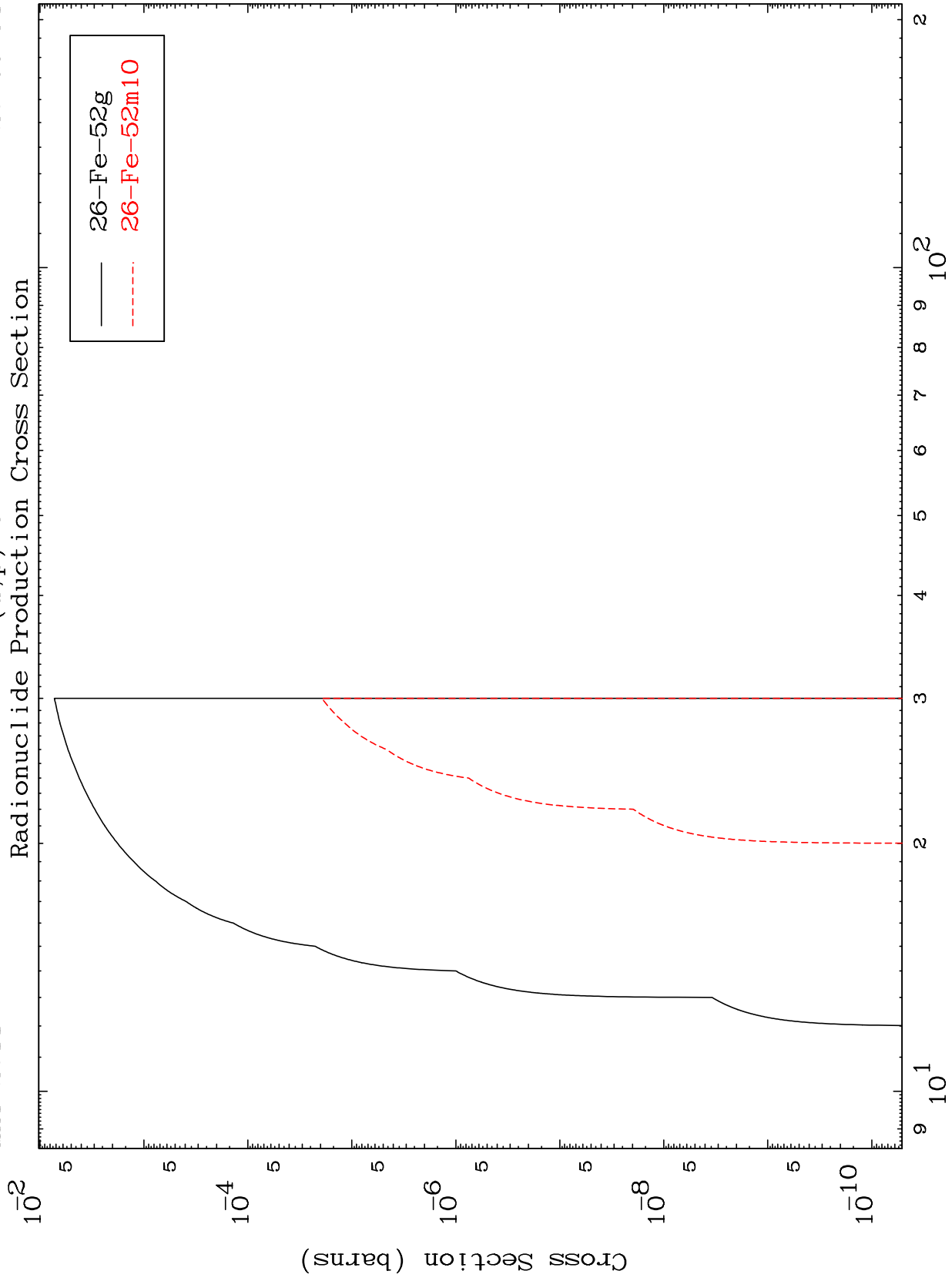
27-Co-54

MAT 2711

(d,p) t

27-Co-54

Radionuclide Production Cross Section



22

Incident Energy (MeV)

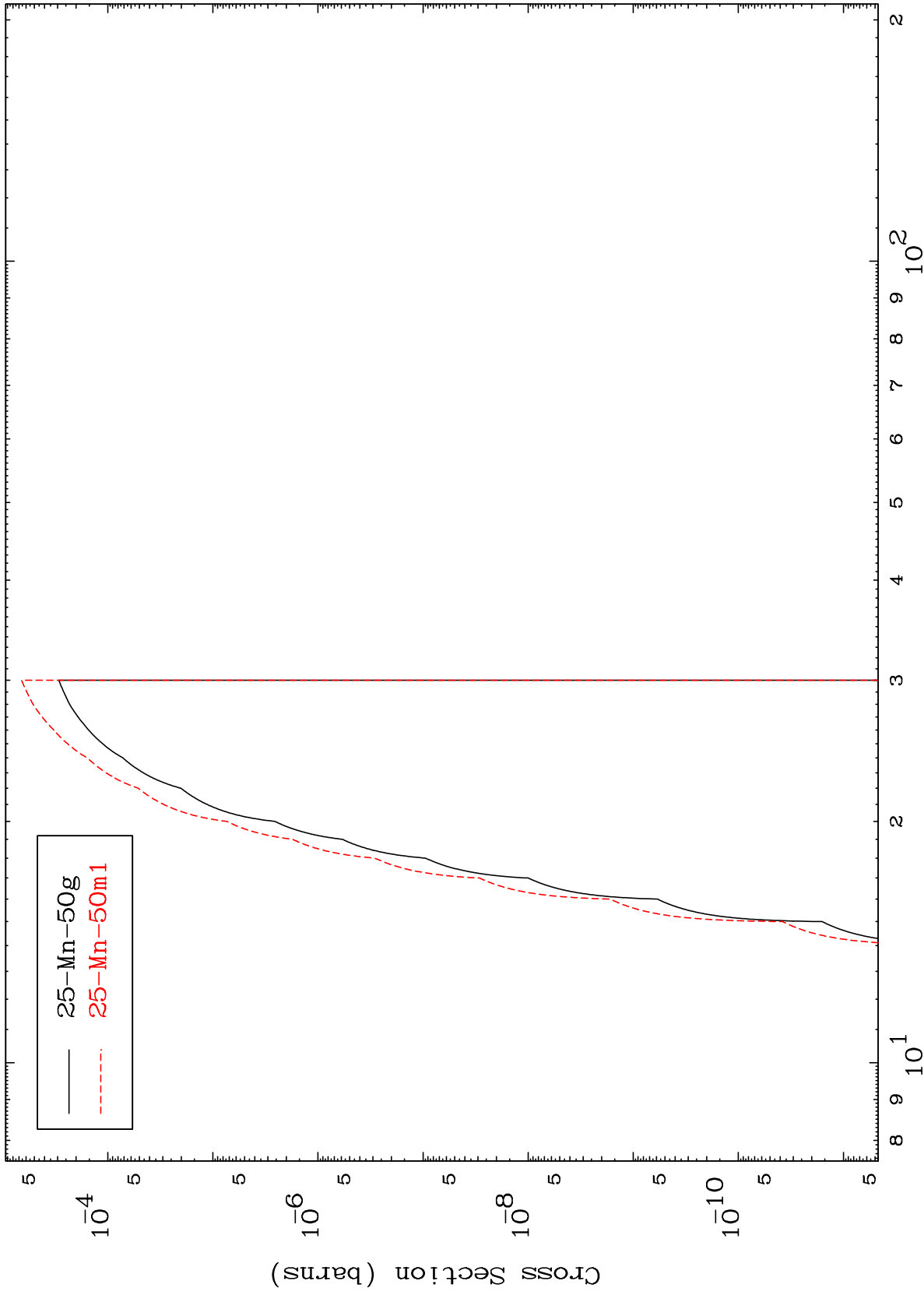
27-Co-54

MAT 2711

(d,d) α

27-Co-54

Radionuclide Production Cross Section



23

Incident Energy (MeV)

27-Co-54