

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

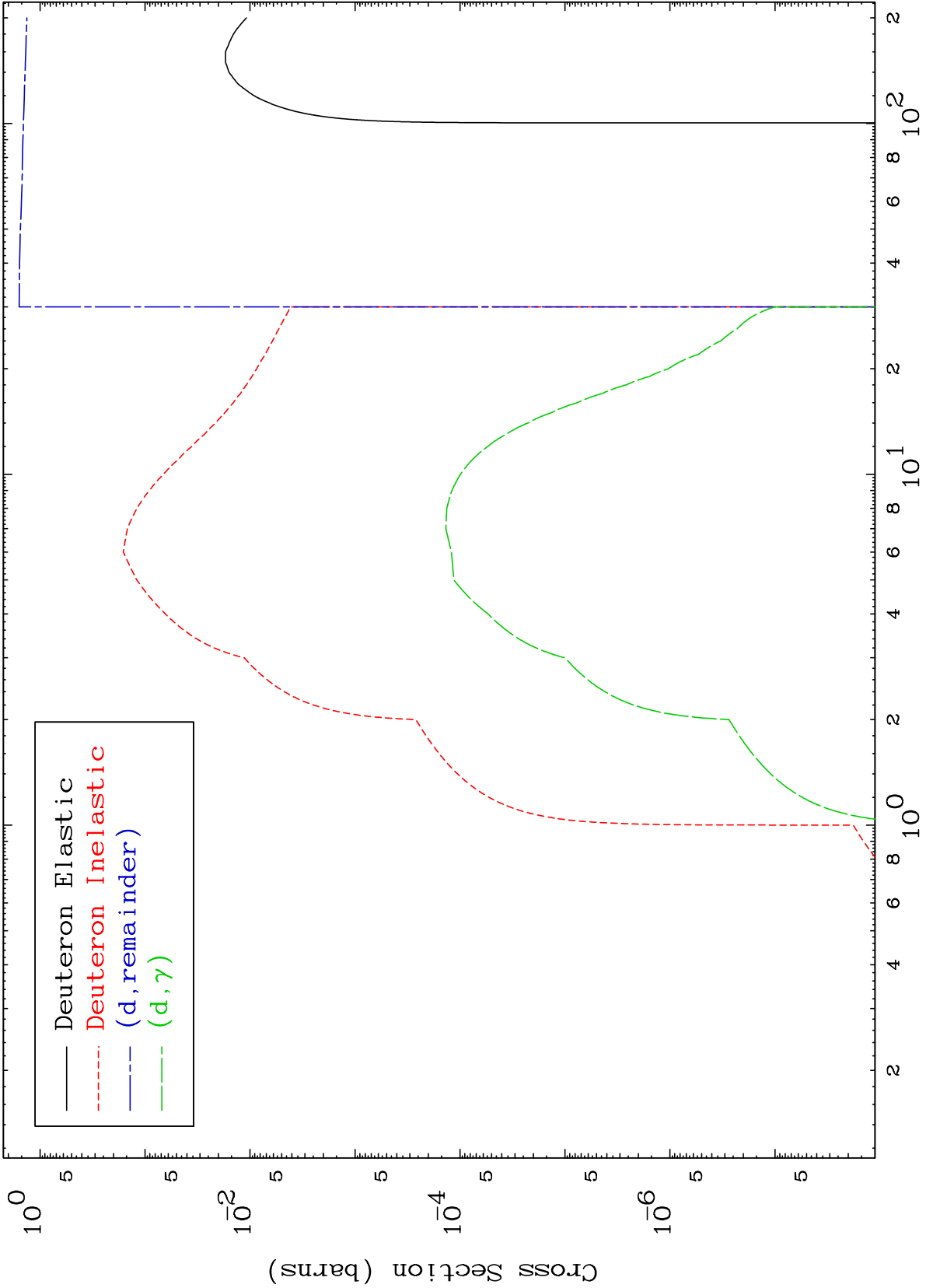
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

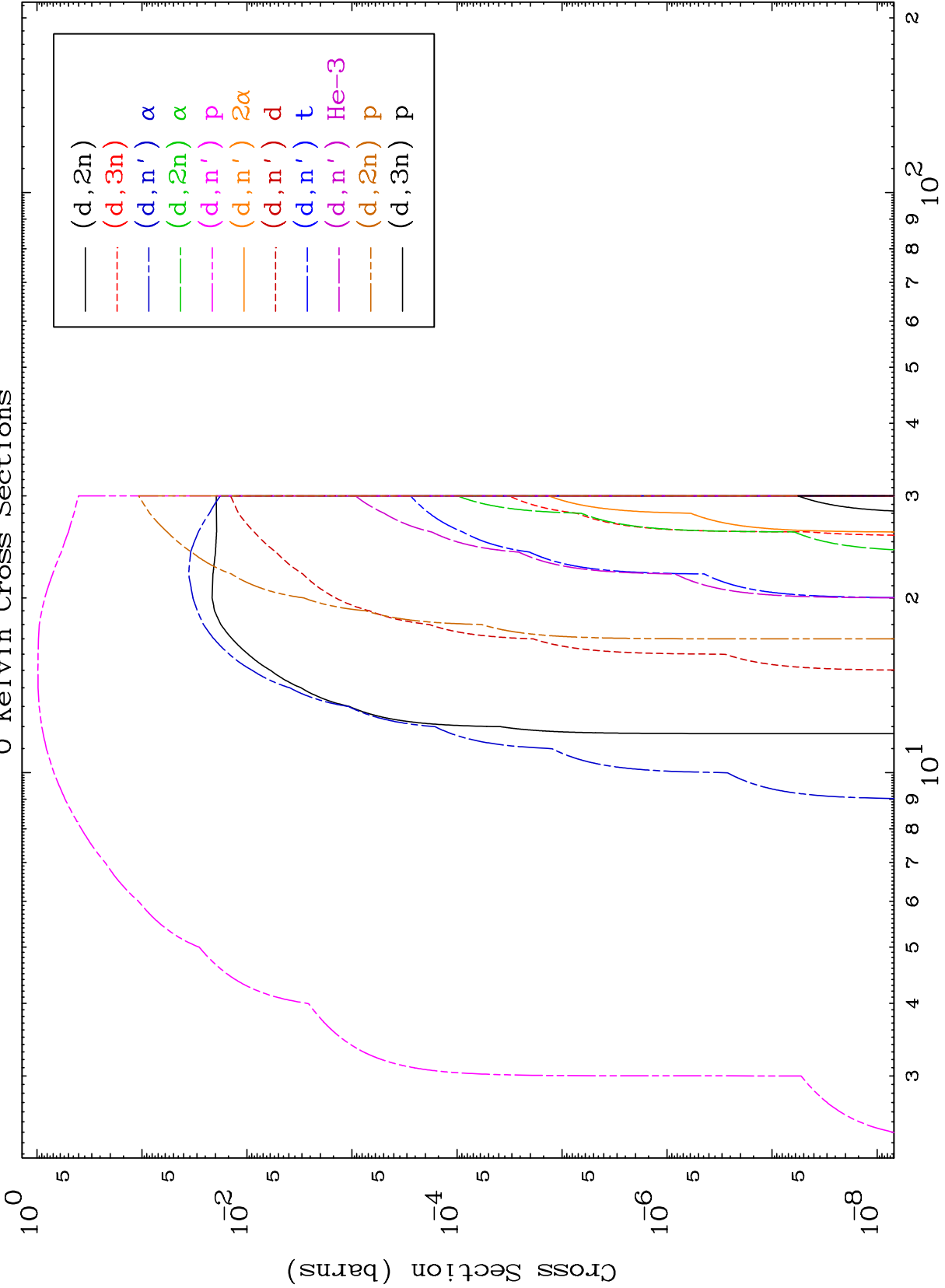
MAT 2625

Deuteron Major
0 Kelvin Cross Sections

26-Fe-54



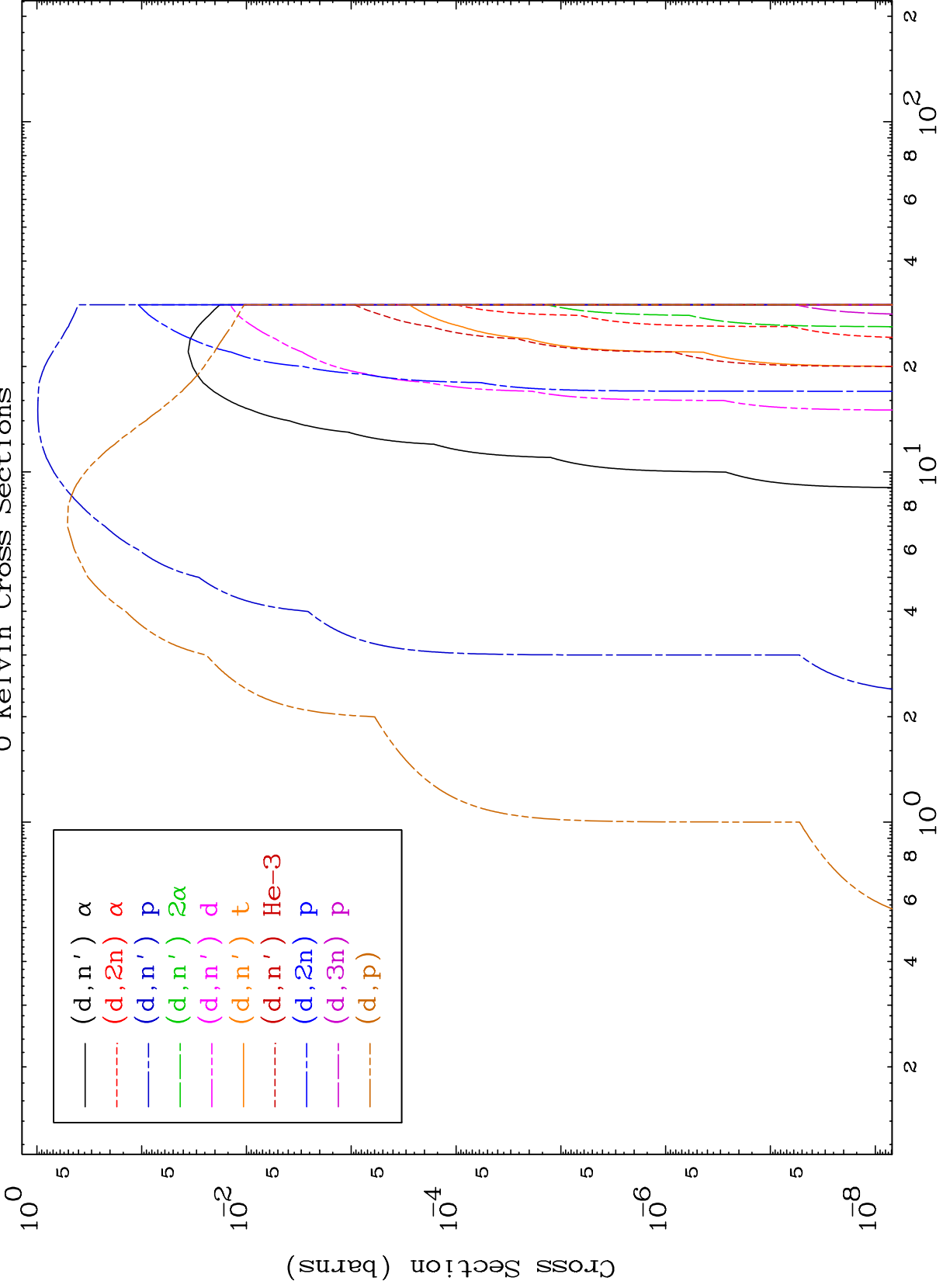
— Deuteron Elastic
- - - Deuteron Inelastic
- · - (d, remainder)
- · - (d, γ)

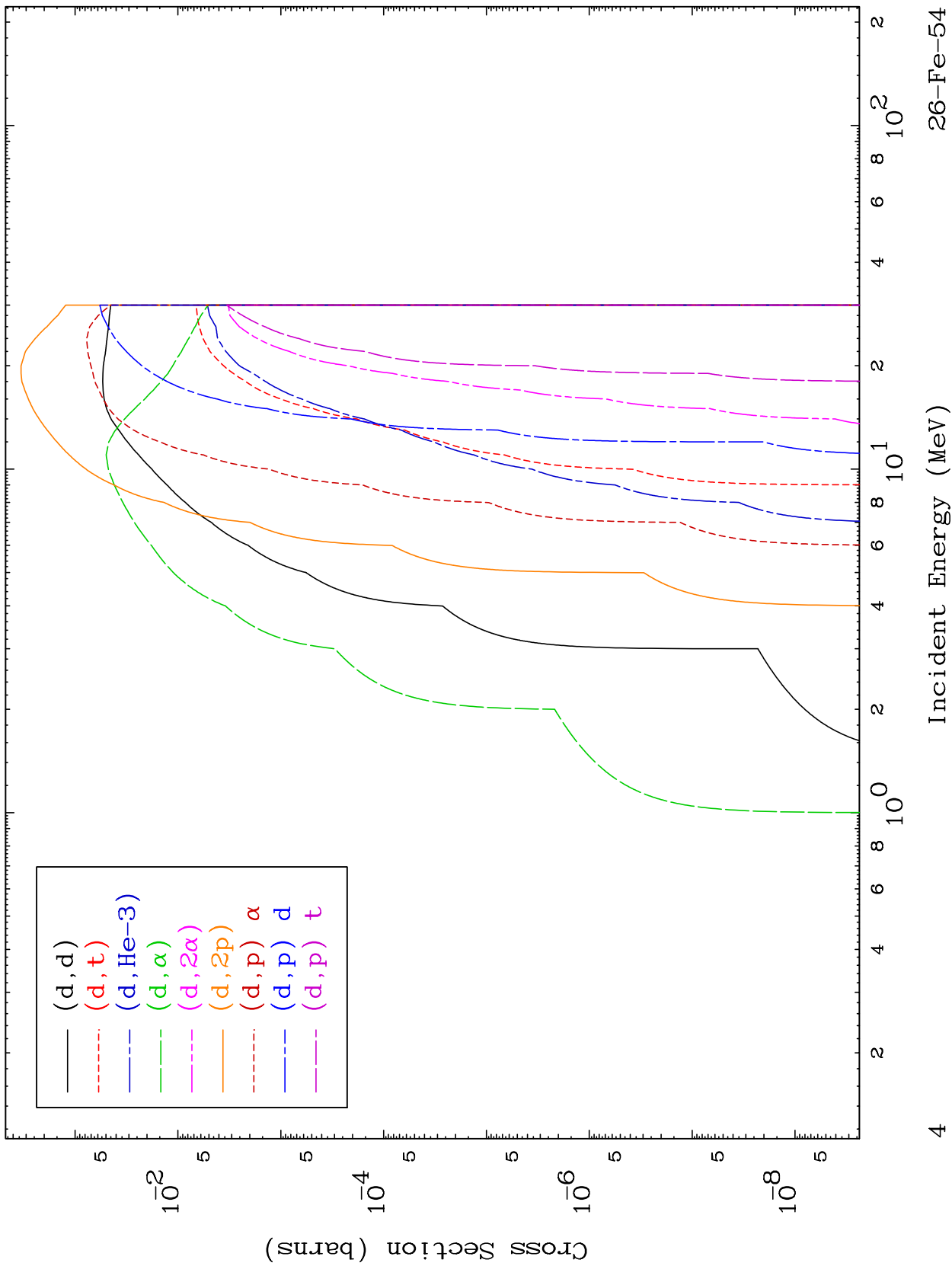


MAT 2625

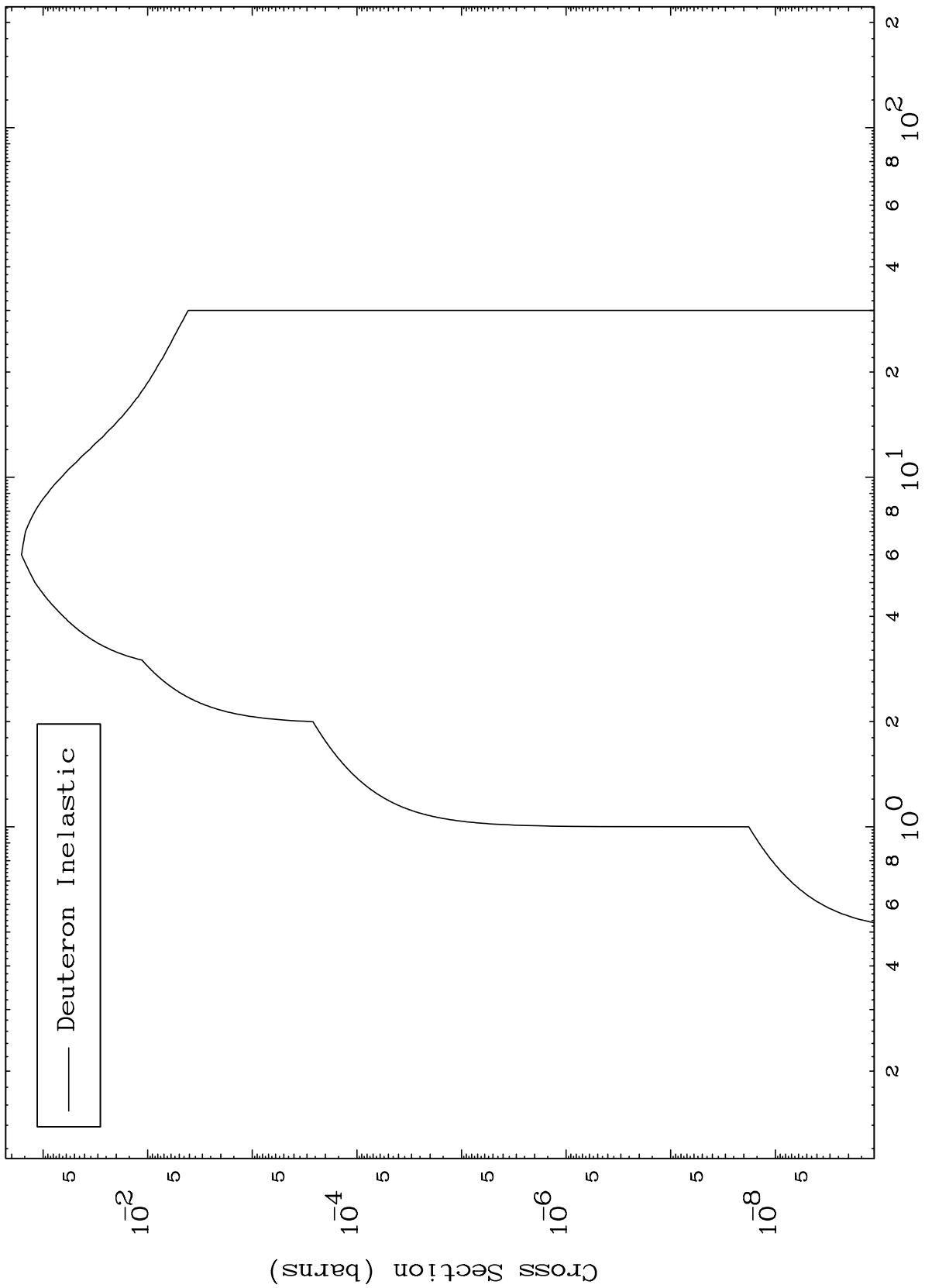
Deuteron Charged Particle
0 Kelvin Cross Sections

26-Fe-54





(d,n') Level
0 Kelvin Cross Sections

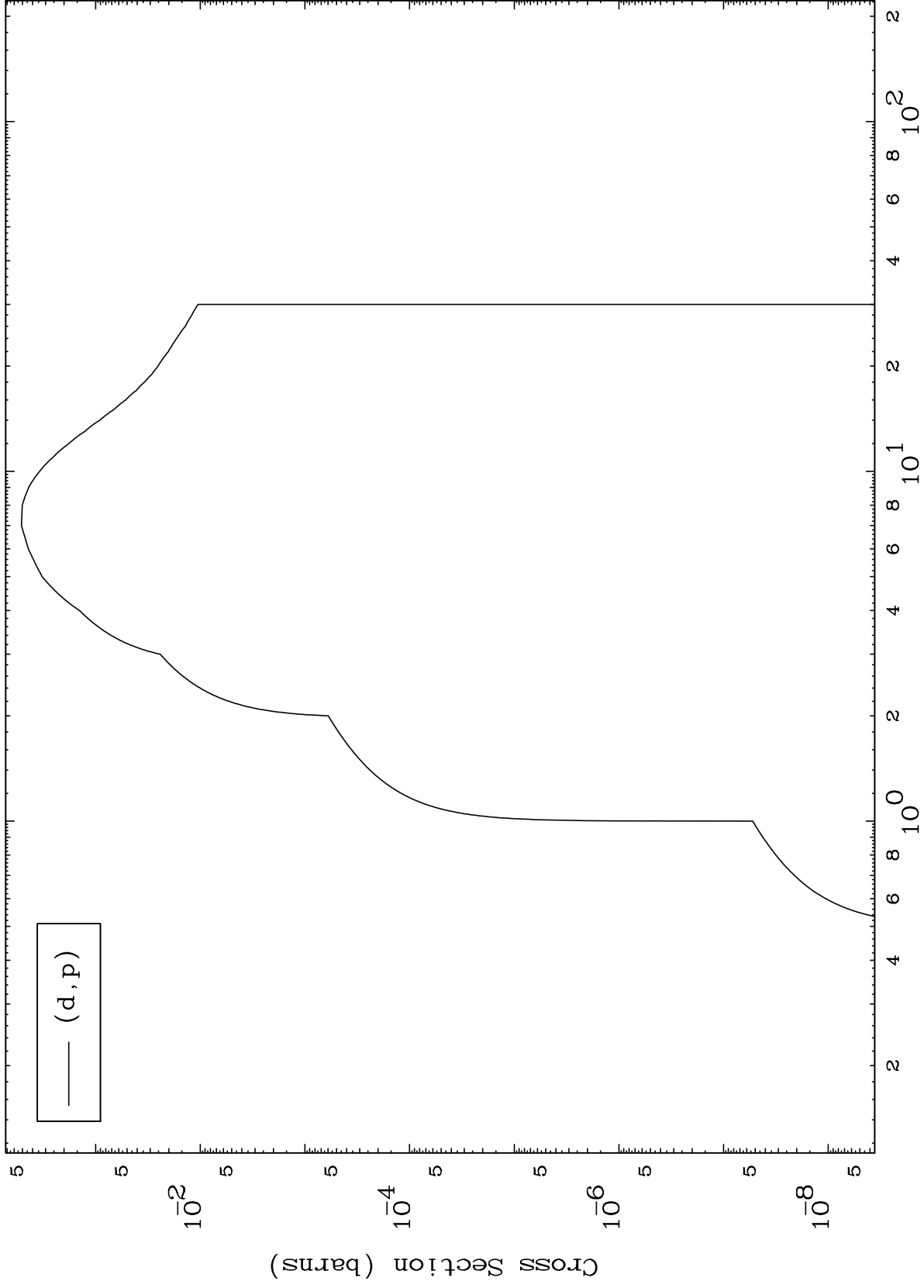


— Deuteron Inelastic

MAT 2625

(d,p) Levels
0 Kelvin Cross Sections

²⁶Fe-54



6

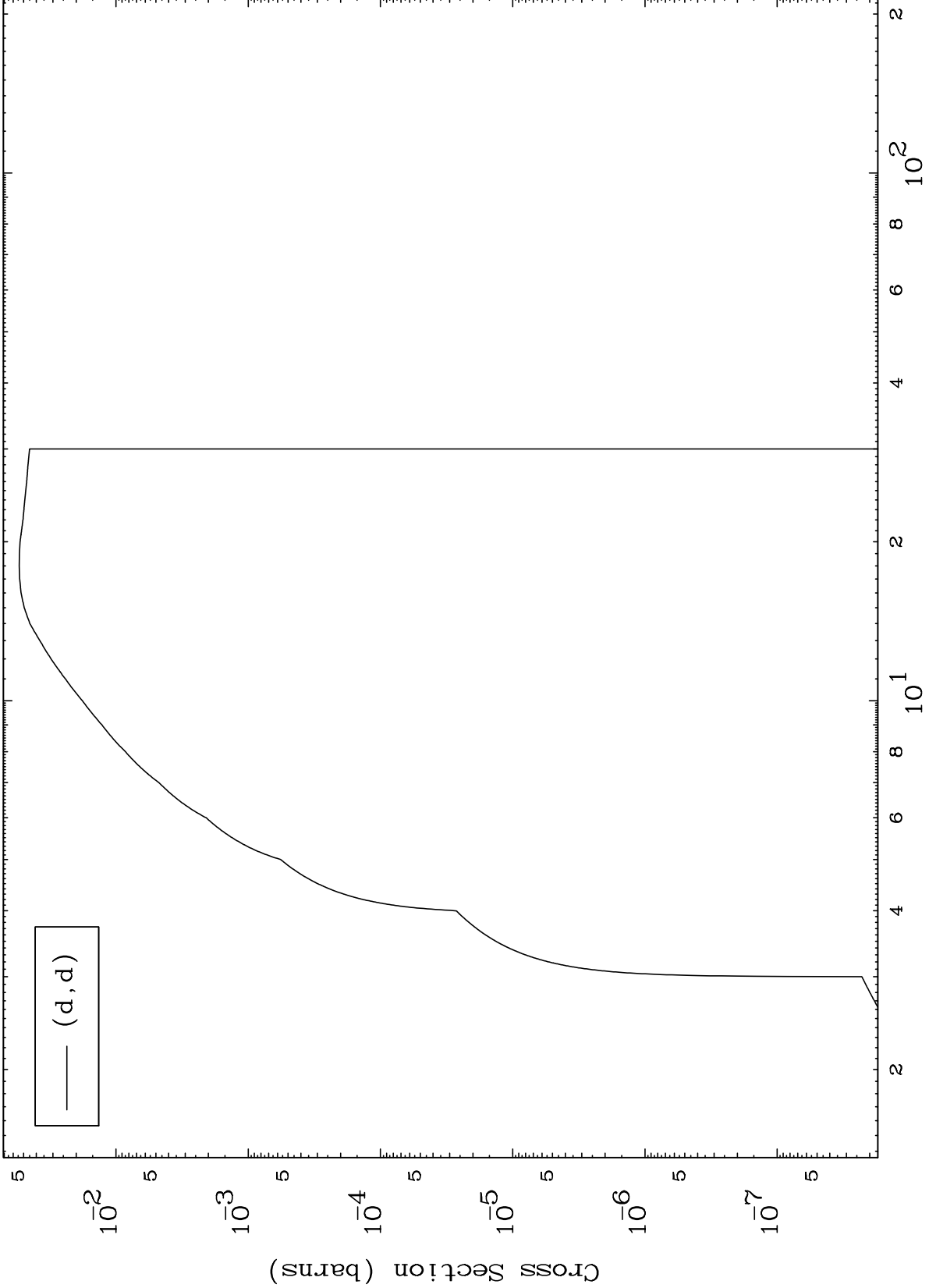
Incident Energy (MeV)

²⁶Fe-54

MAT 2625

(d,d) Levels
0 Kelvin Cross Sections

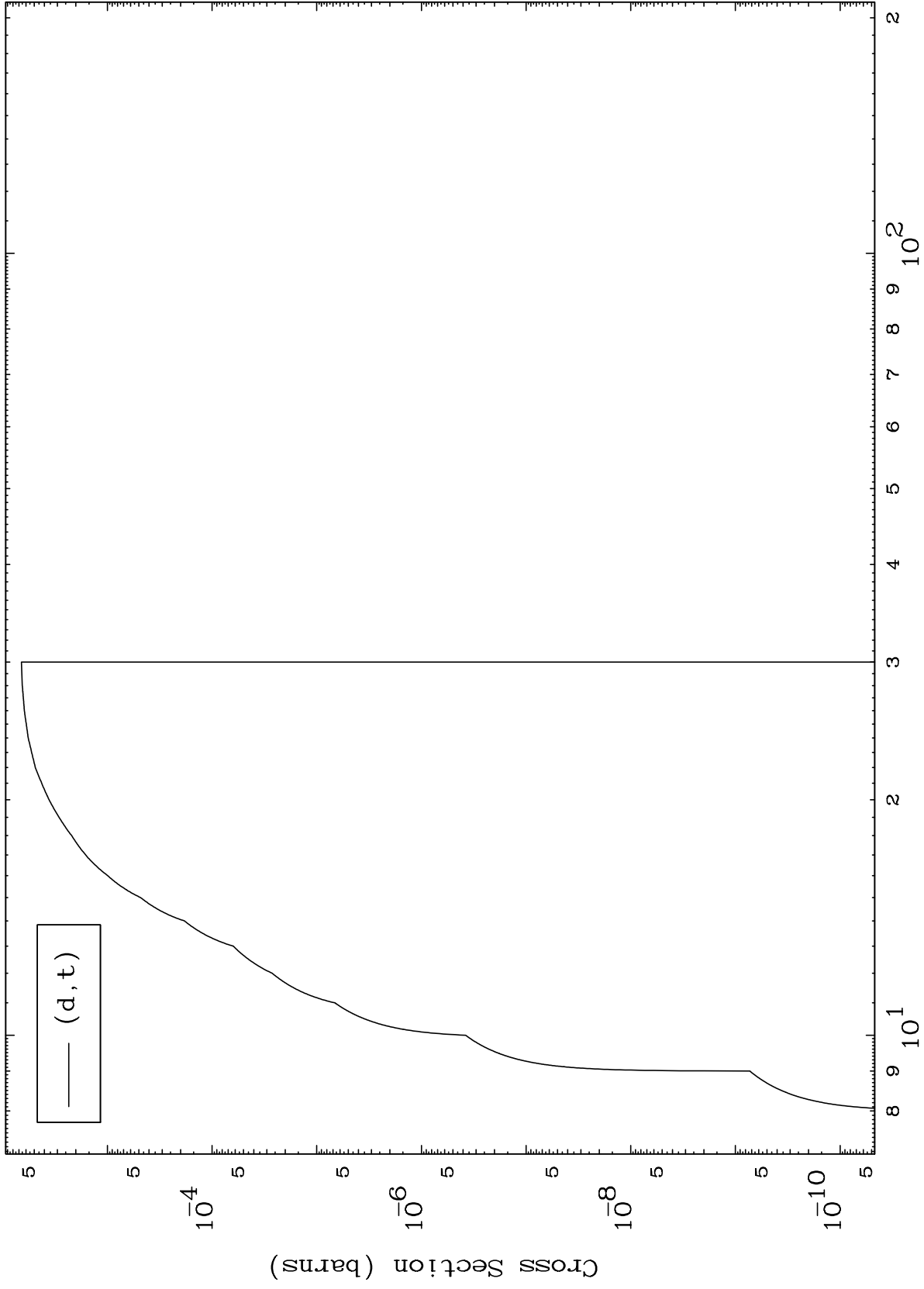
²⁶Fe-54



7

Incident Energy (MeV)

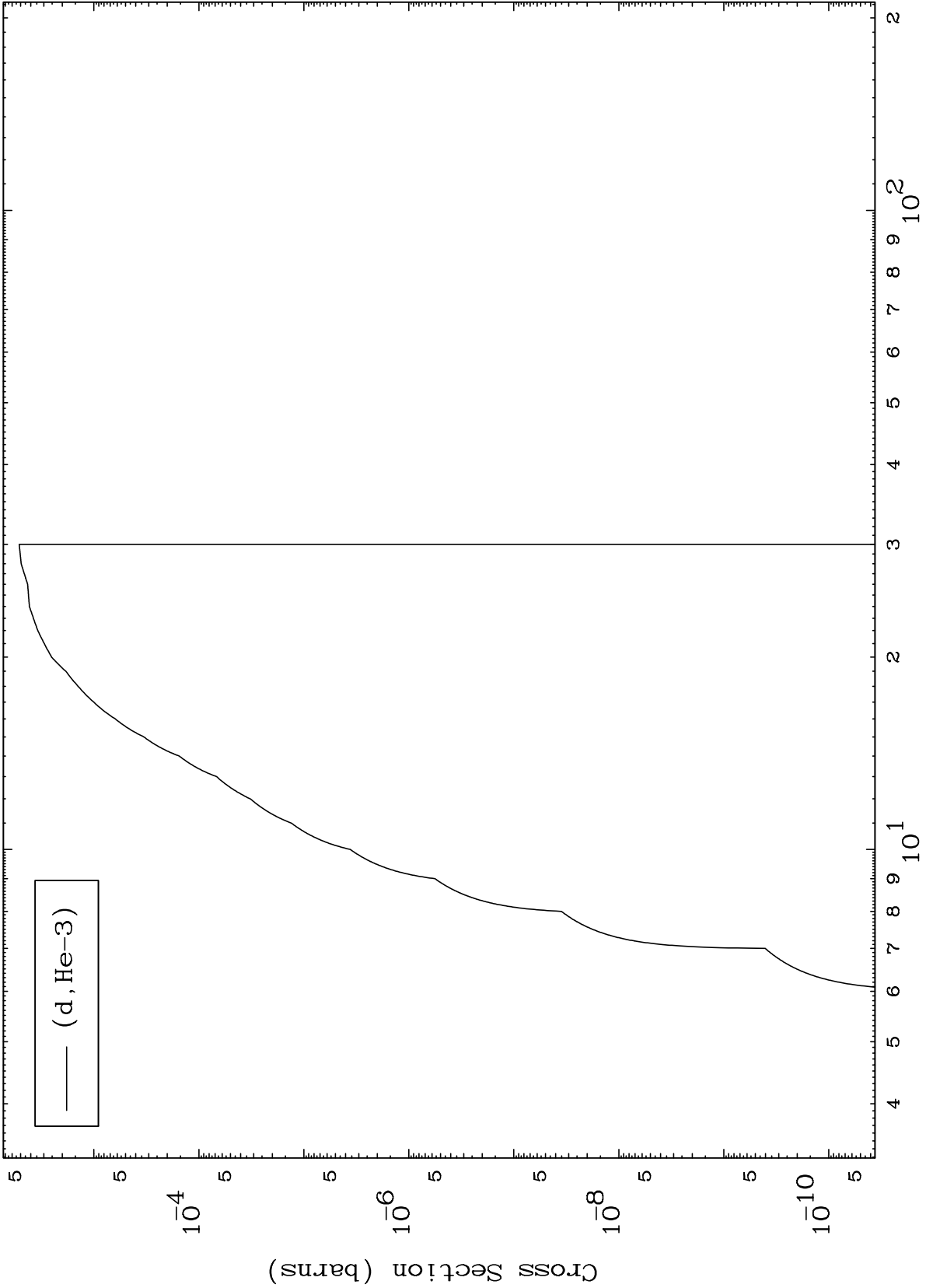
²⁶Fe-54



MAT 2625

(d,He3) Levels
0 Kelvin Cross Sections

26-Fe-54



9

Incident Energy (MeV)

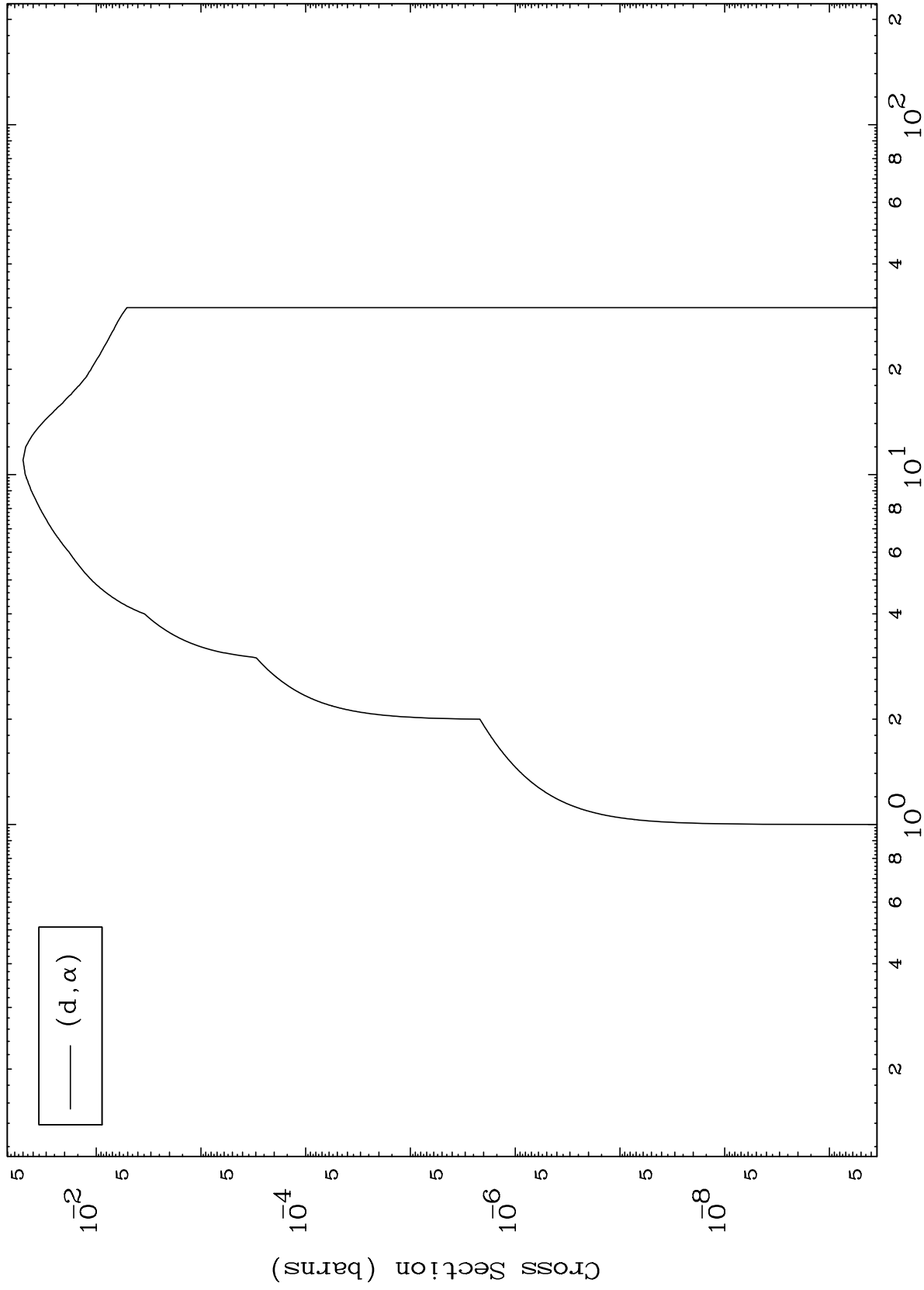
26-Fe-54

MAT 2625

(d, α) Levels

26-Fe-54

0 Kelvin Cross Sections



10

Incident Energy (MeV)

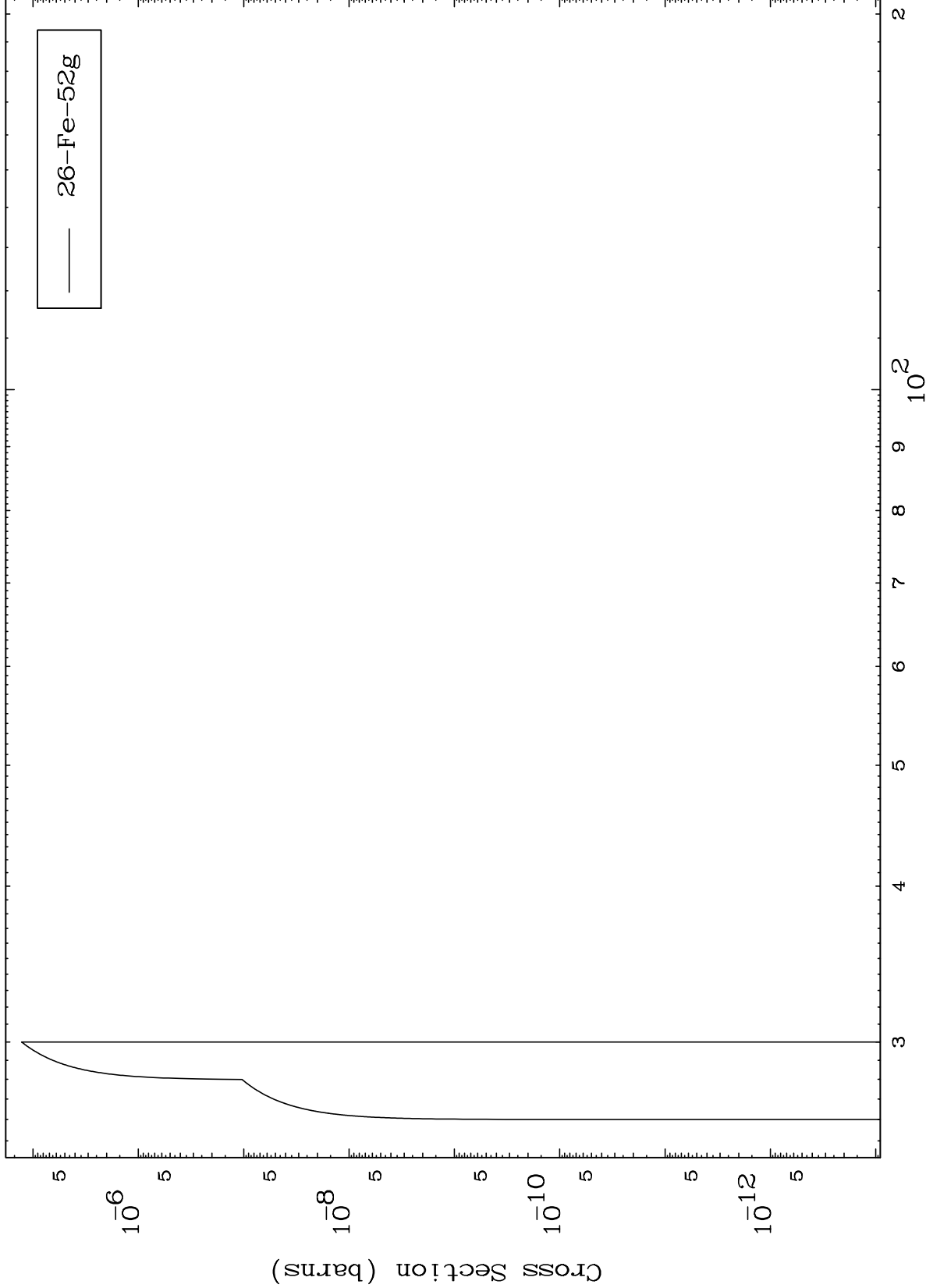
26-Fe-54

MAT 2625

(d,2n) d

²⁶Fe-54

Radionuclide Production Cross Section



11

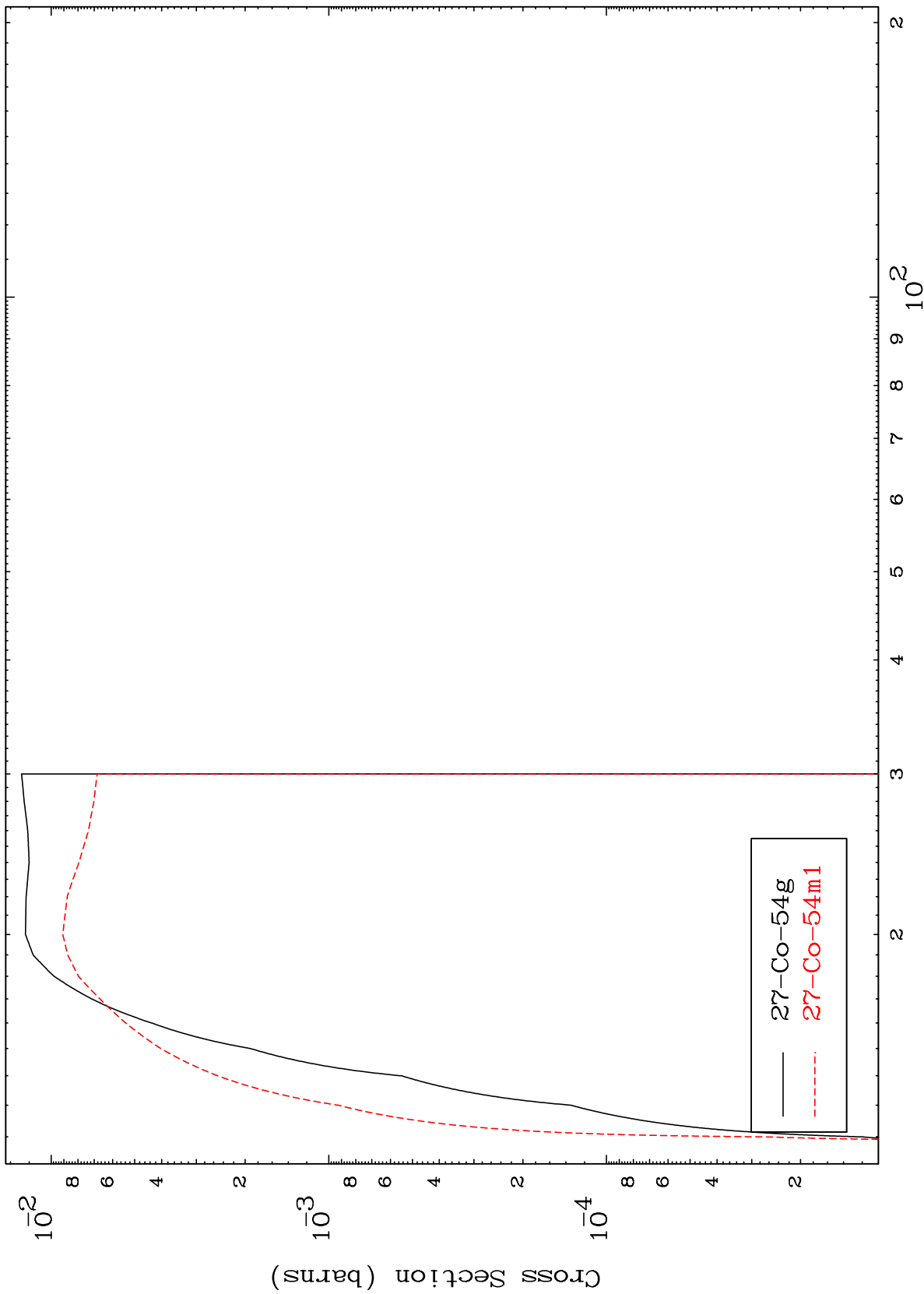
Incident Energy (MeV)

²⁶Fe-54

MAT 2625

26-Fe-54

(d,2n)
Radionuclide Production Cross Section



26-Fe-54

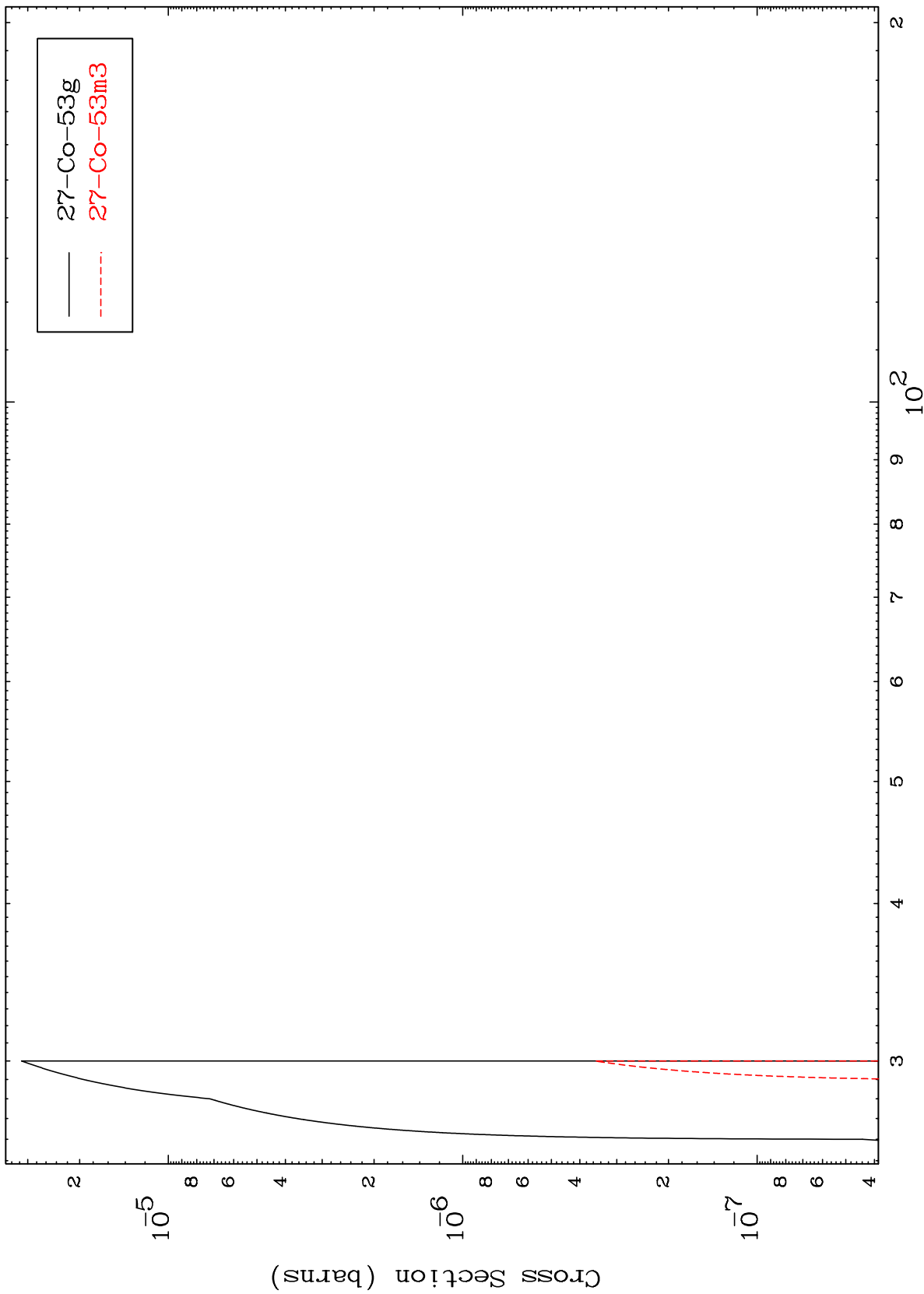
Incident Energy (MeV)

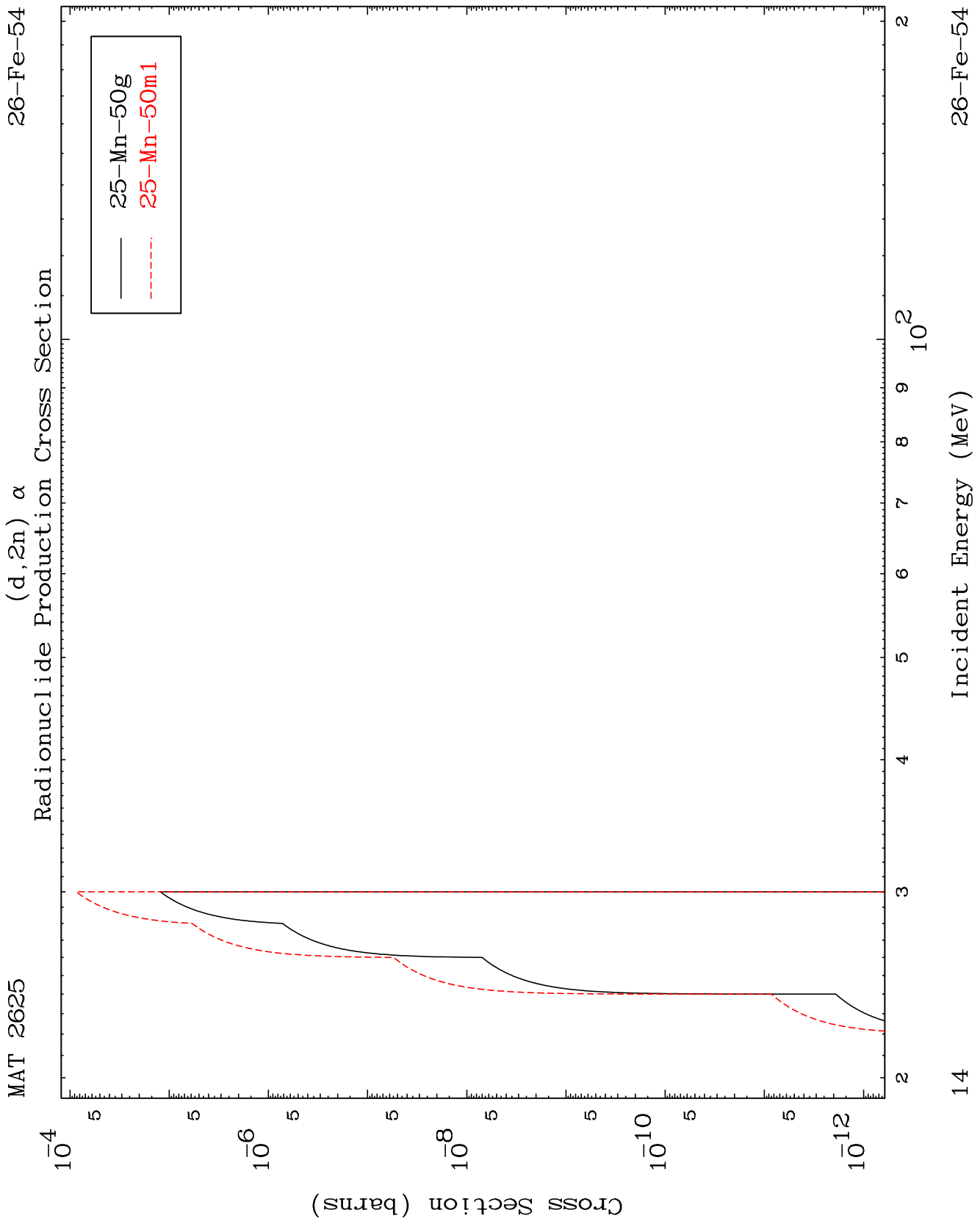
12

MAT 2625

26-Fe-54

(d,3n)
Radionuclide Production Cross Section



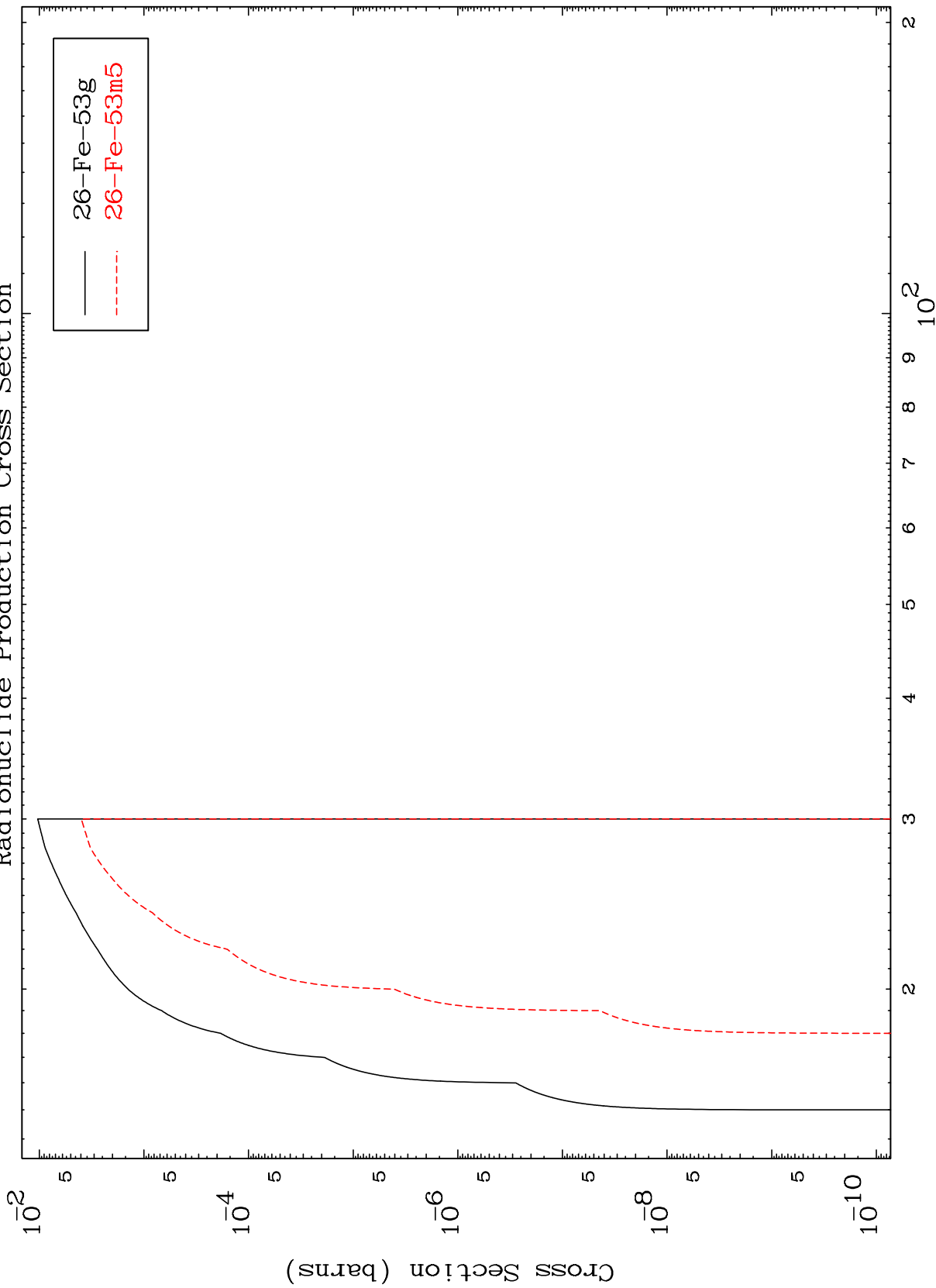


MAT 2625

(d,n') d

²⁶Fe-54

Radionuclide Production Cross Section



— ²⁶Fe-53g
- - - ²⁶Fe-53m5

15

Incident Energy (MeV)

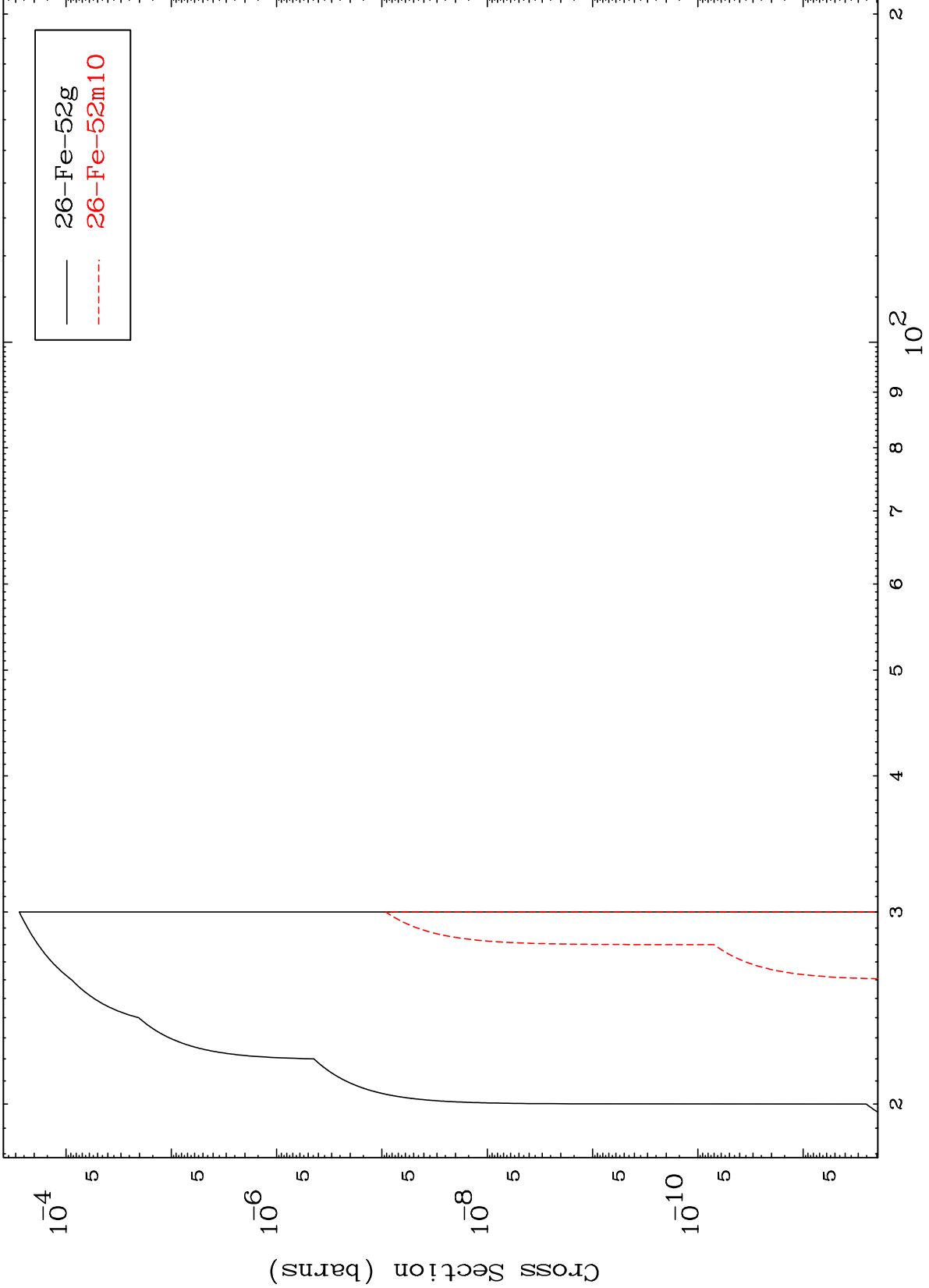
²⁶Fe-54

MAT 2625

(d,n') t

26-Fe-54

Radionuclide Production Cross Section



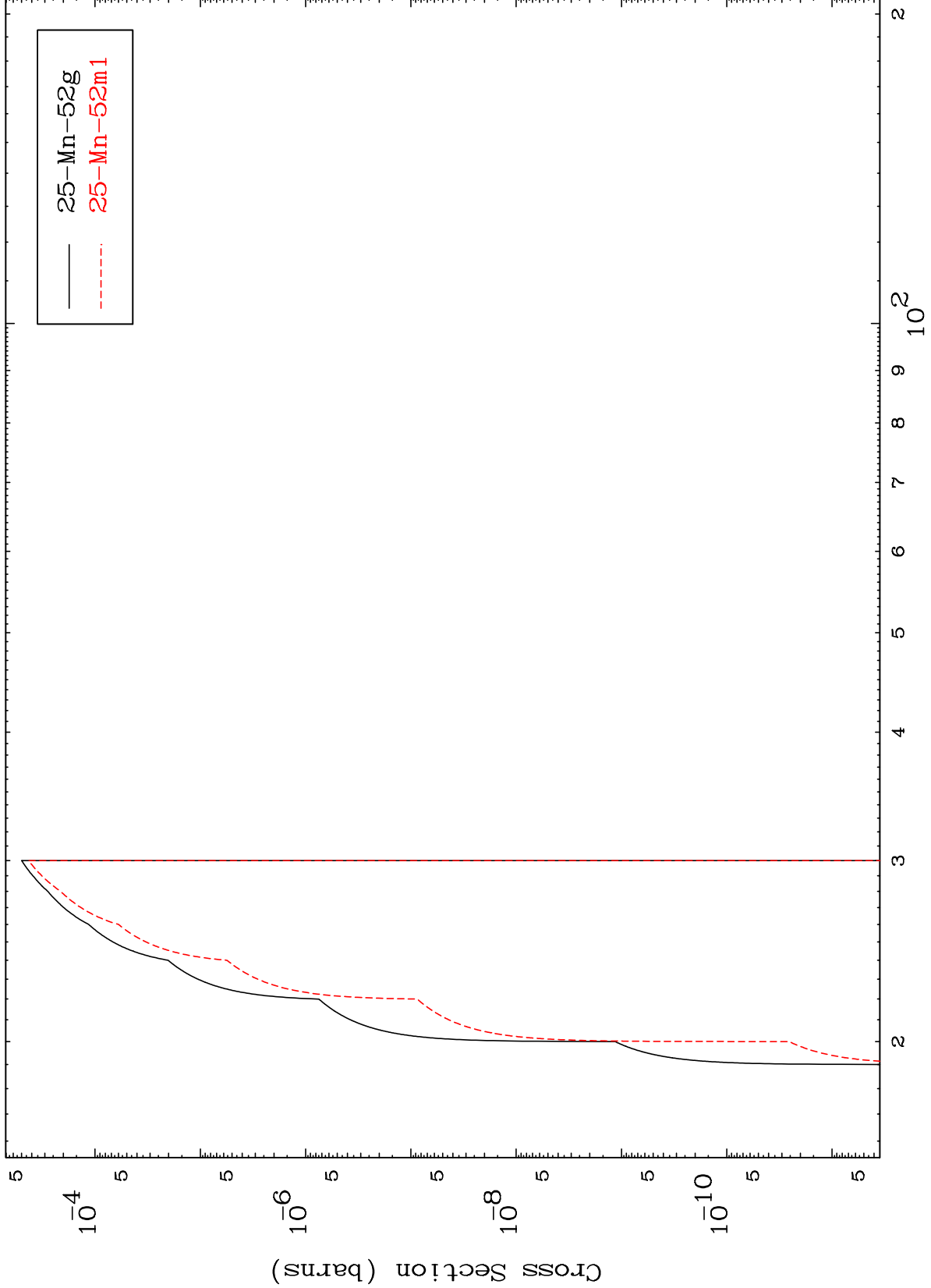
26-Fe-52g
26-Fe-52m10

16

Incident Energy (MeV)

26-Fe-54

Radionuclide Production Cross Section

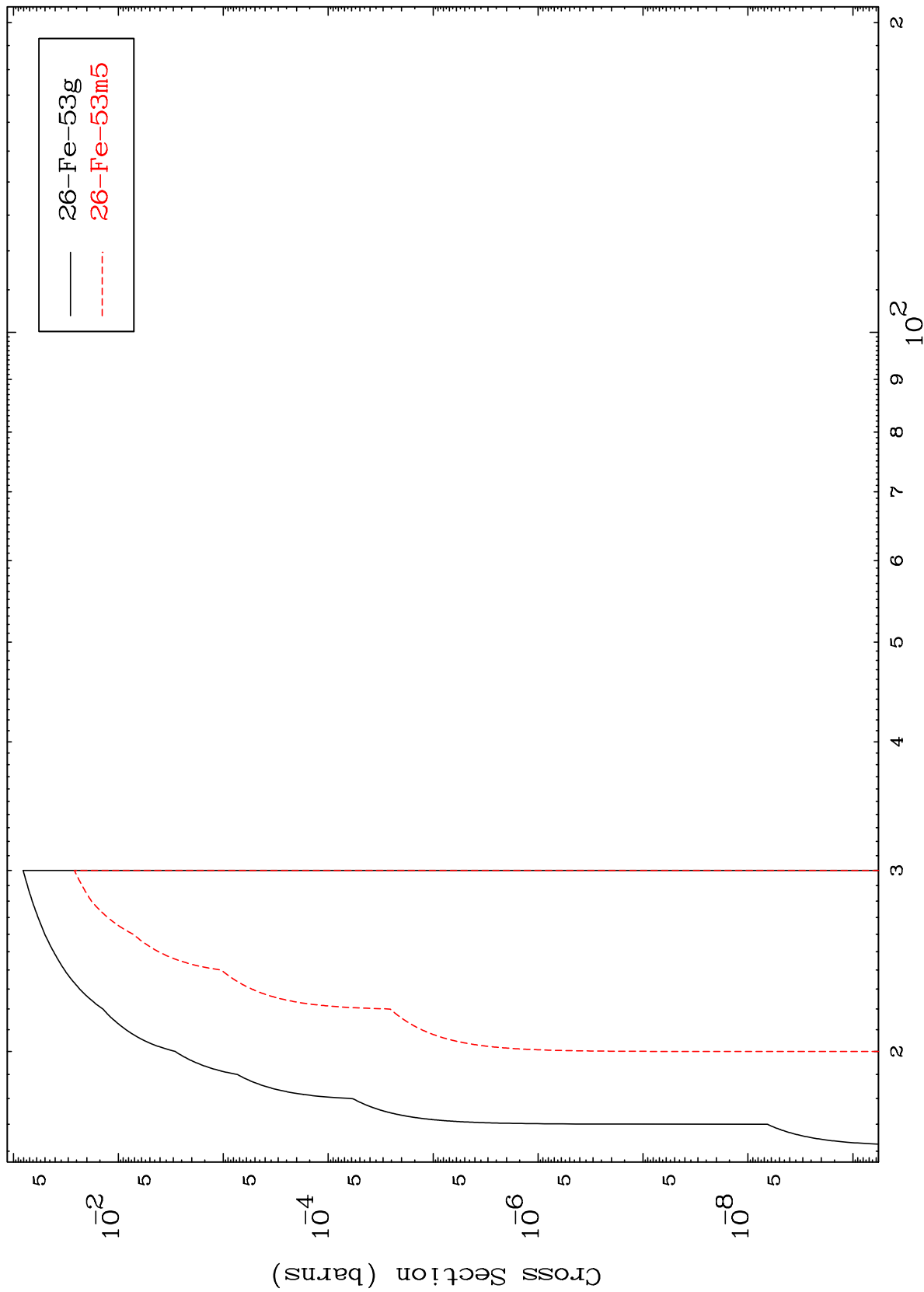


MAT 2625

(d,2n) p

²⁶Fe-54

Radionuclide Production Cross Section



18

Incident Energy (MeV)

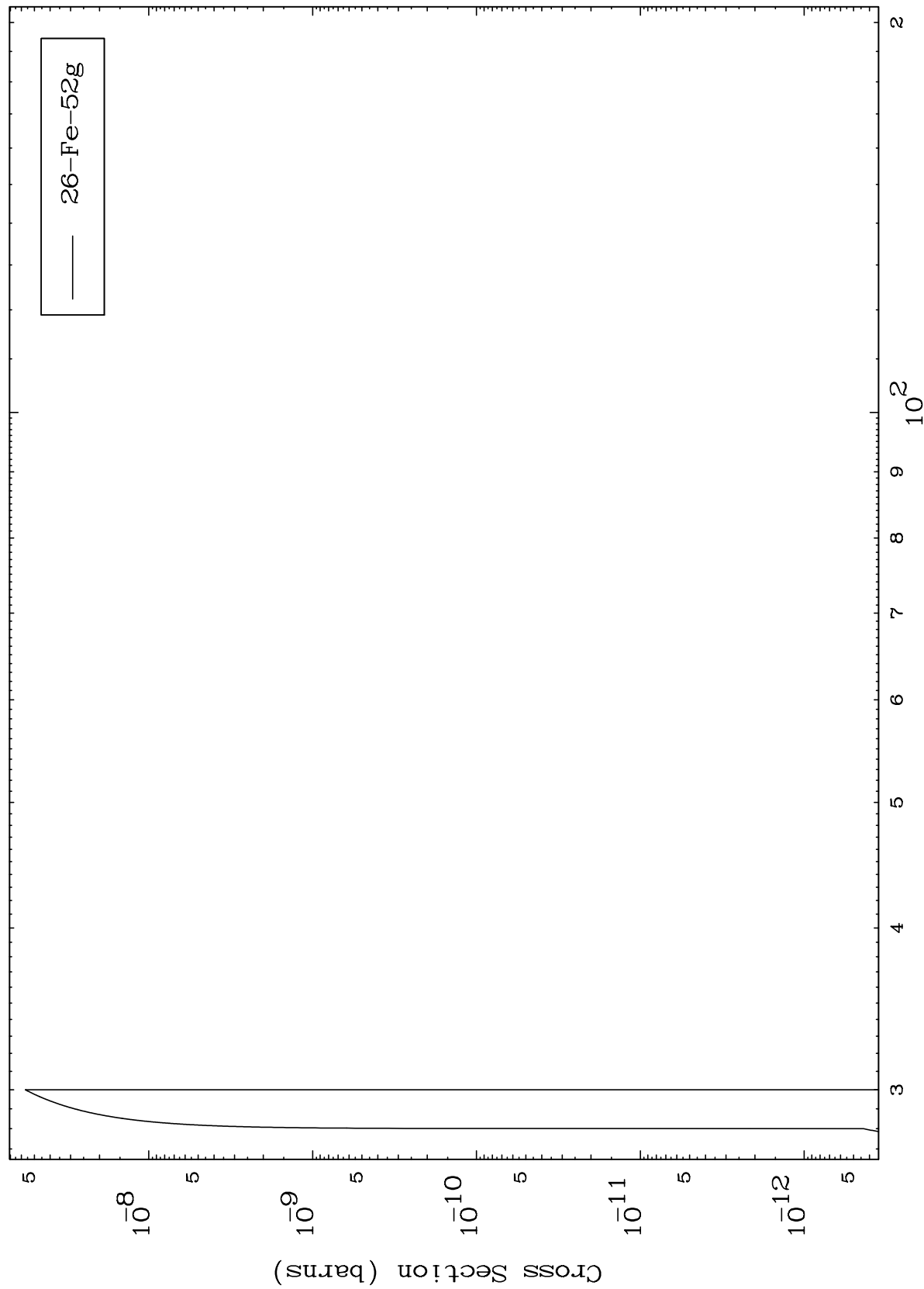
²⁶Fe-54

MAT 2625

(d,3n) p

26-Fe-54

Radionuclide Production Cross Section



19

Incident Energy (MeV)

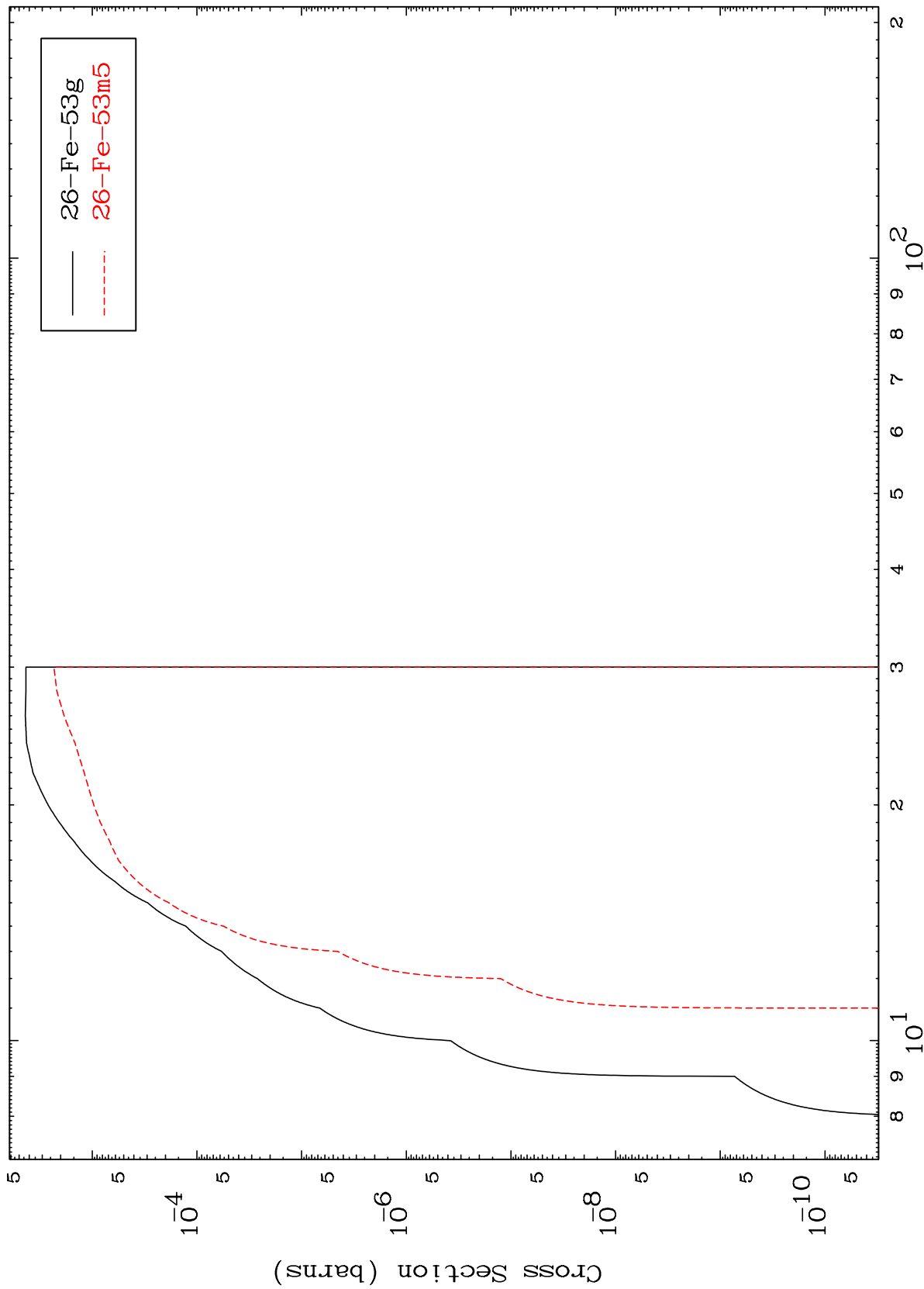
26-Fe-54

MAT 2625

(d,t)

26-Fe-54

Radionuclide Production Cross Section



20

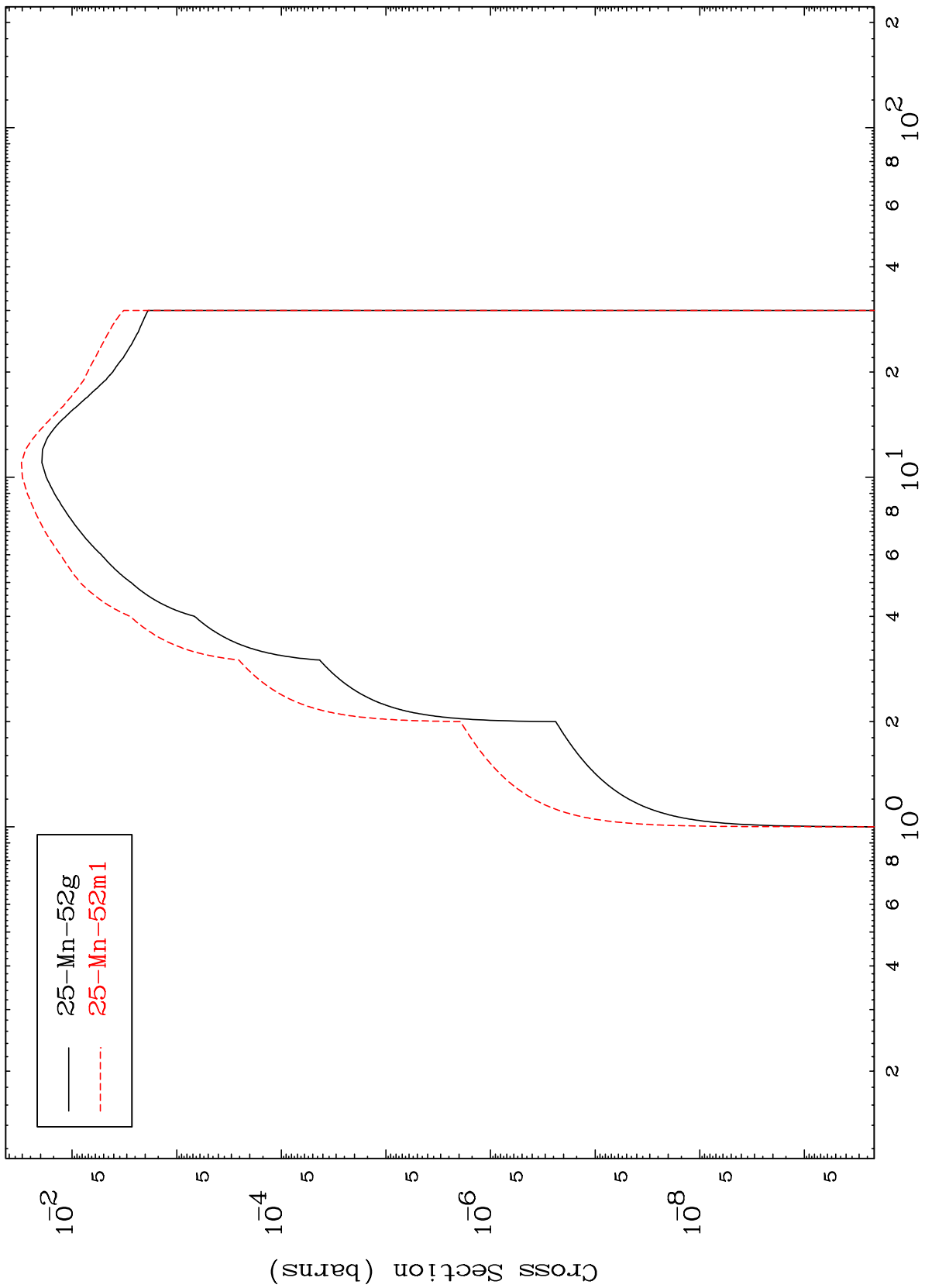
Incident Energy (MeV)

26-Fe-54

MAT 2625

²⁶Fe-54

Radionuclide Production Cross Section
(d, α)



²⁶Fe-54

Incident Energy (MeV)

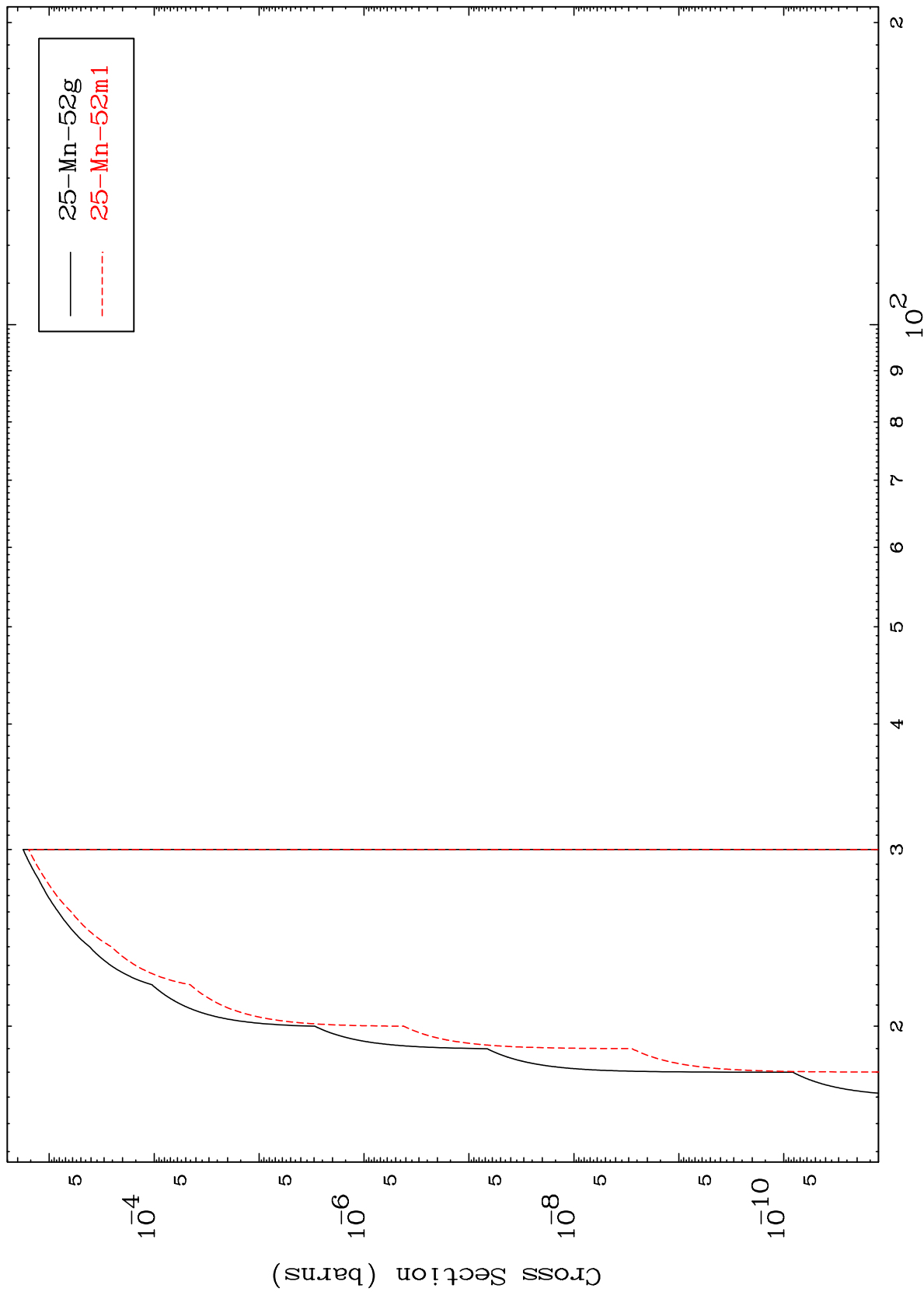
21

MAT 2625

(d,p) t

²⁶Fe-54

Radionuclide Production Cross Section



22

Incident Energy (MeV)

²⁶Fe-54