

Program EVALPLOT
(Version 2021-1)

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

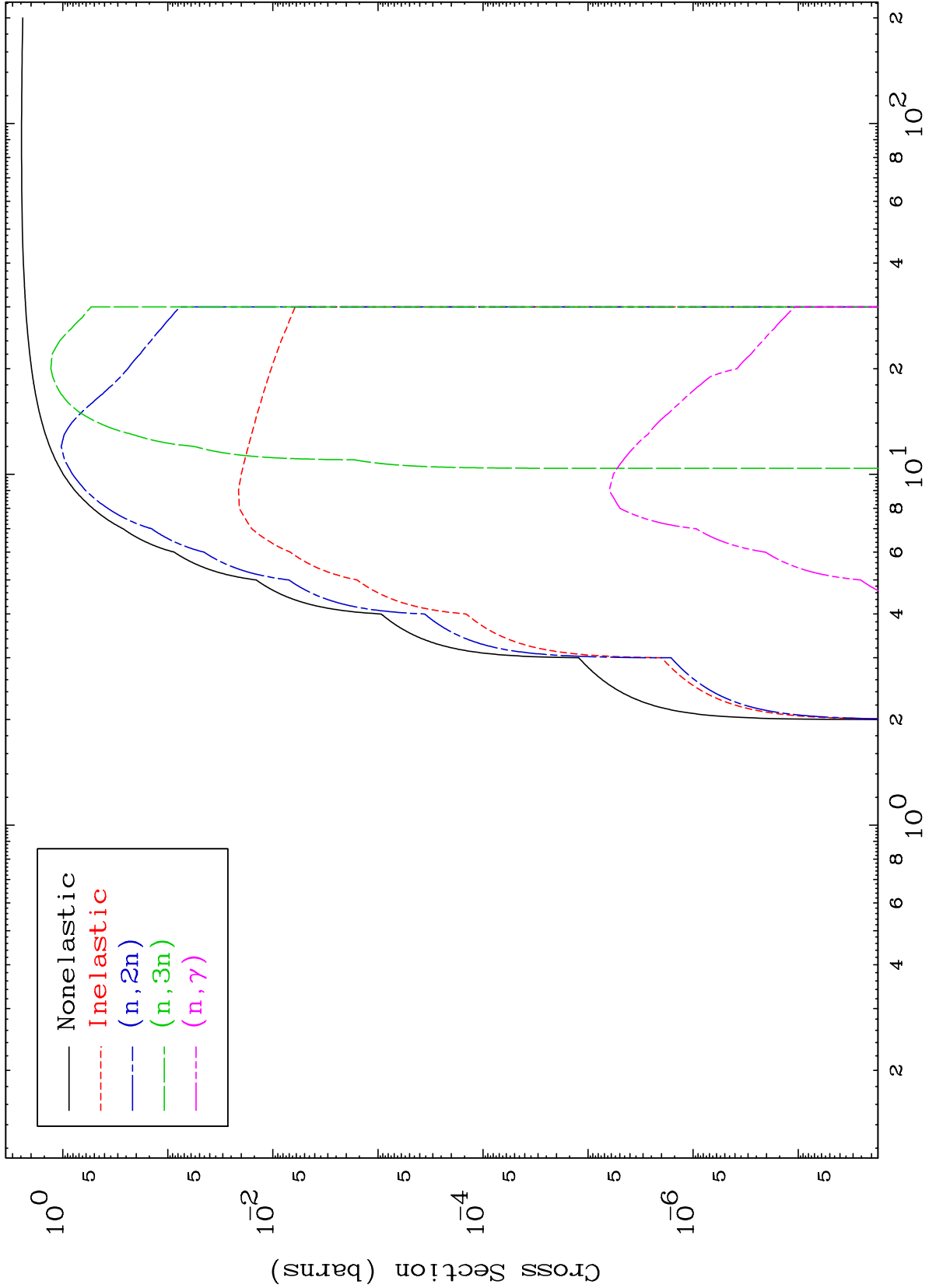
Press Mouse Button to Start

MAT 5253

Deuteron Major

52-Te-129m

0 Kelvin Cross Sections



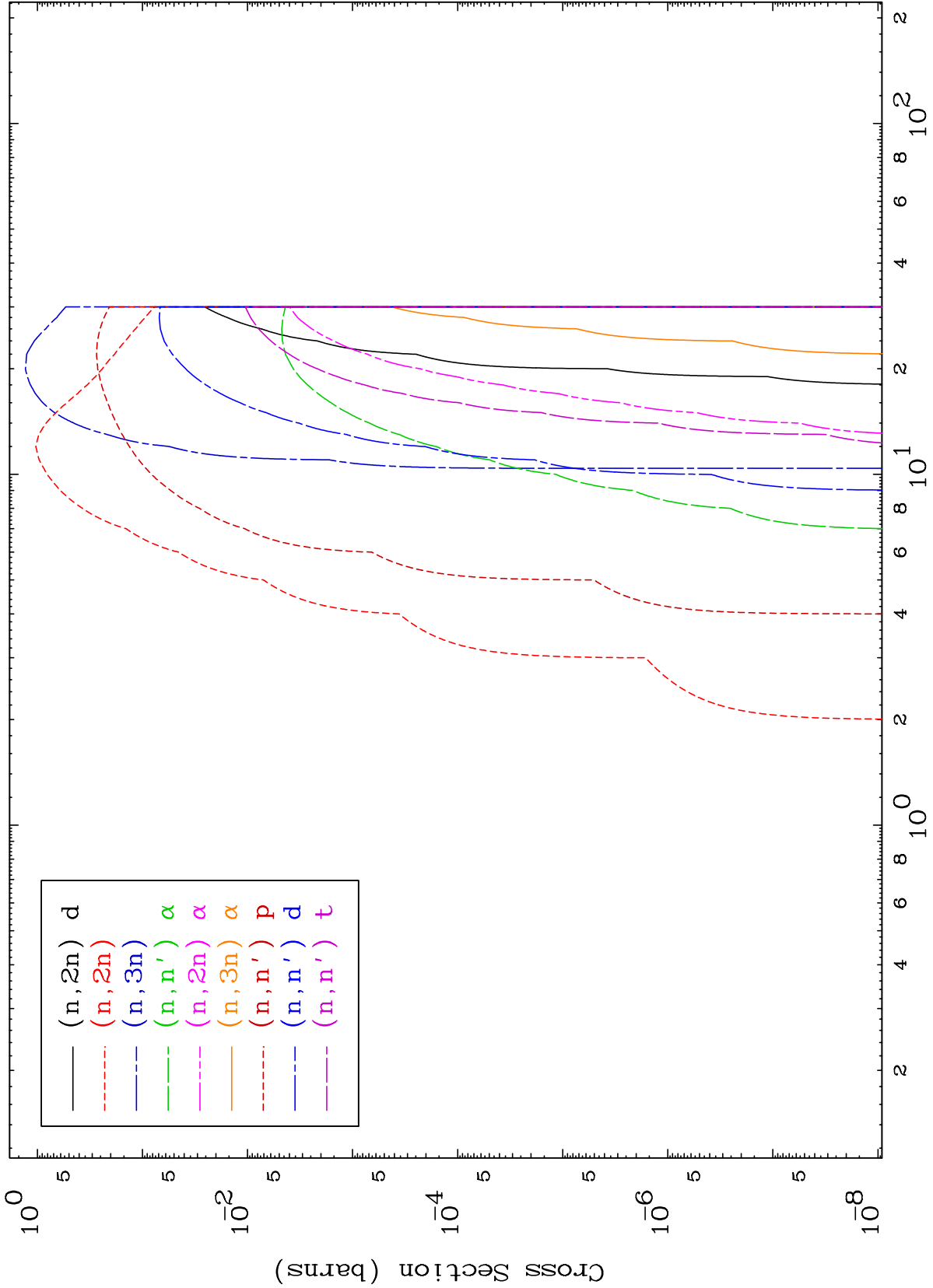
52-Te-129m

Incident Energy (MeV)

MAT 5253

Deuteron Neutron Absorption
0 Kelvin Cross Sections

52-Te-129m



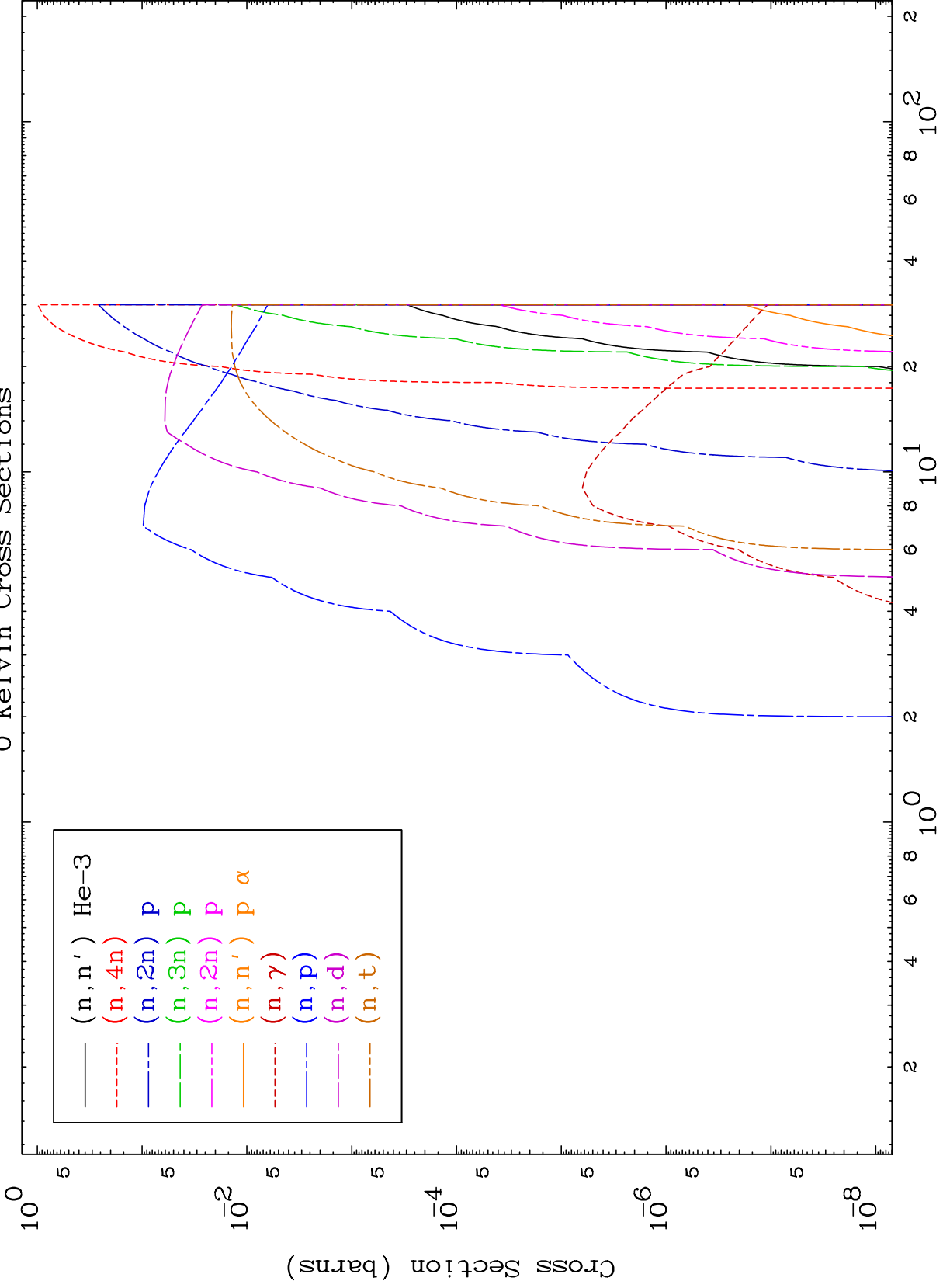
Incident Energy (MeV)

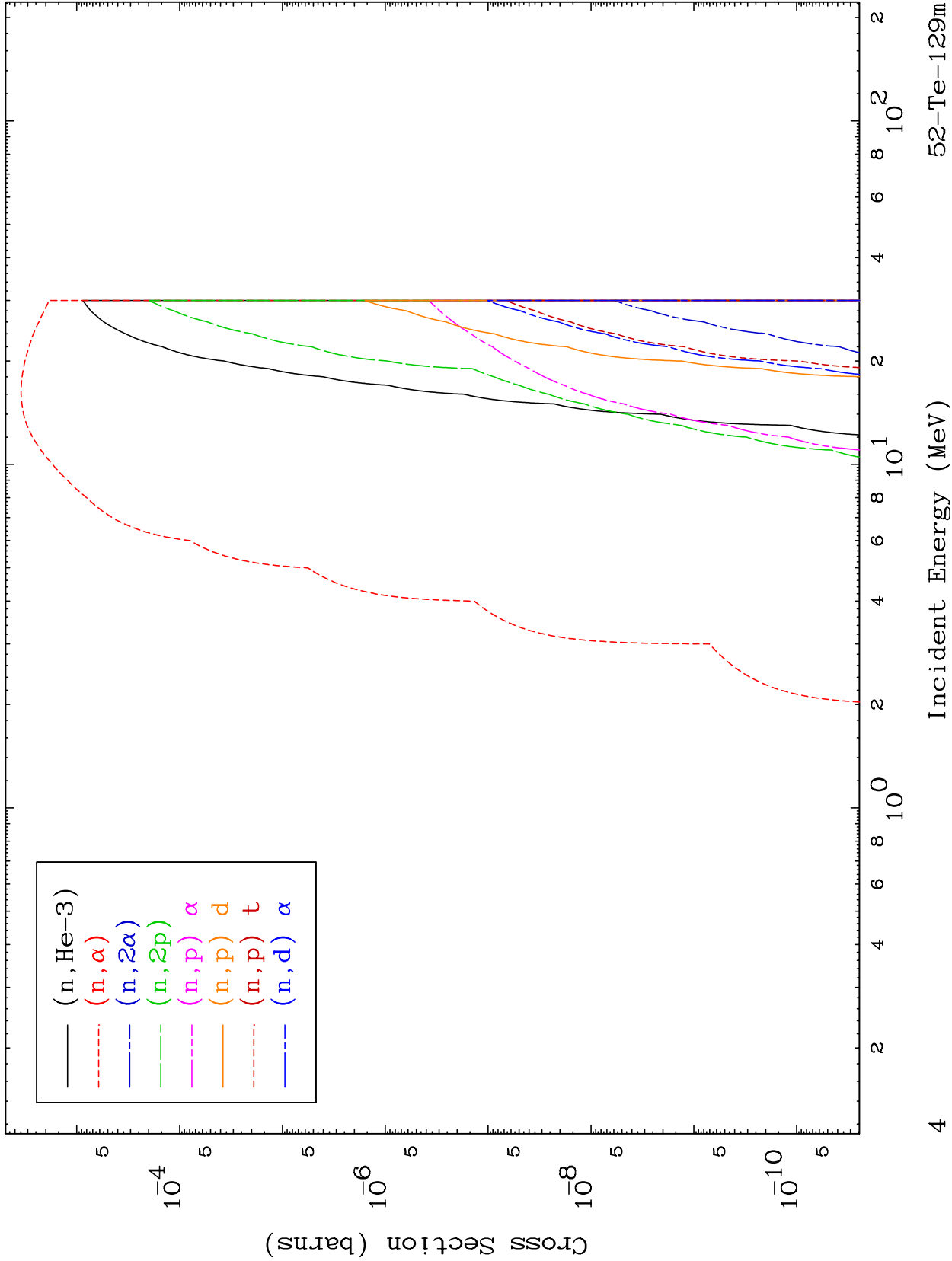
52-Te-129m

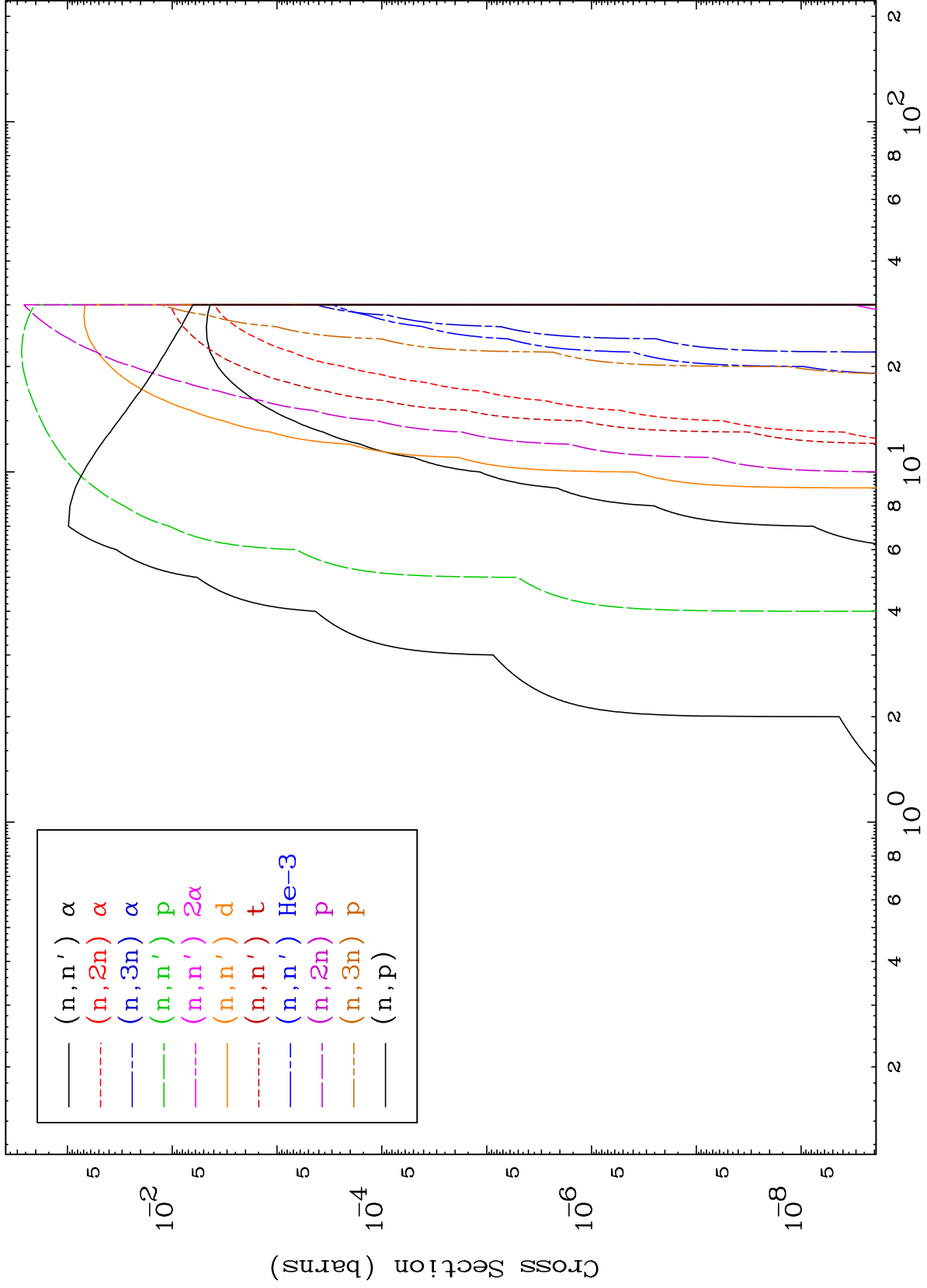
MAT 5253

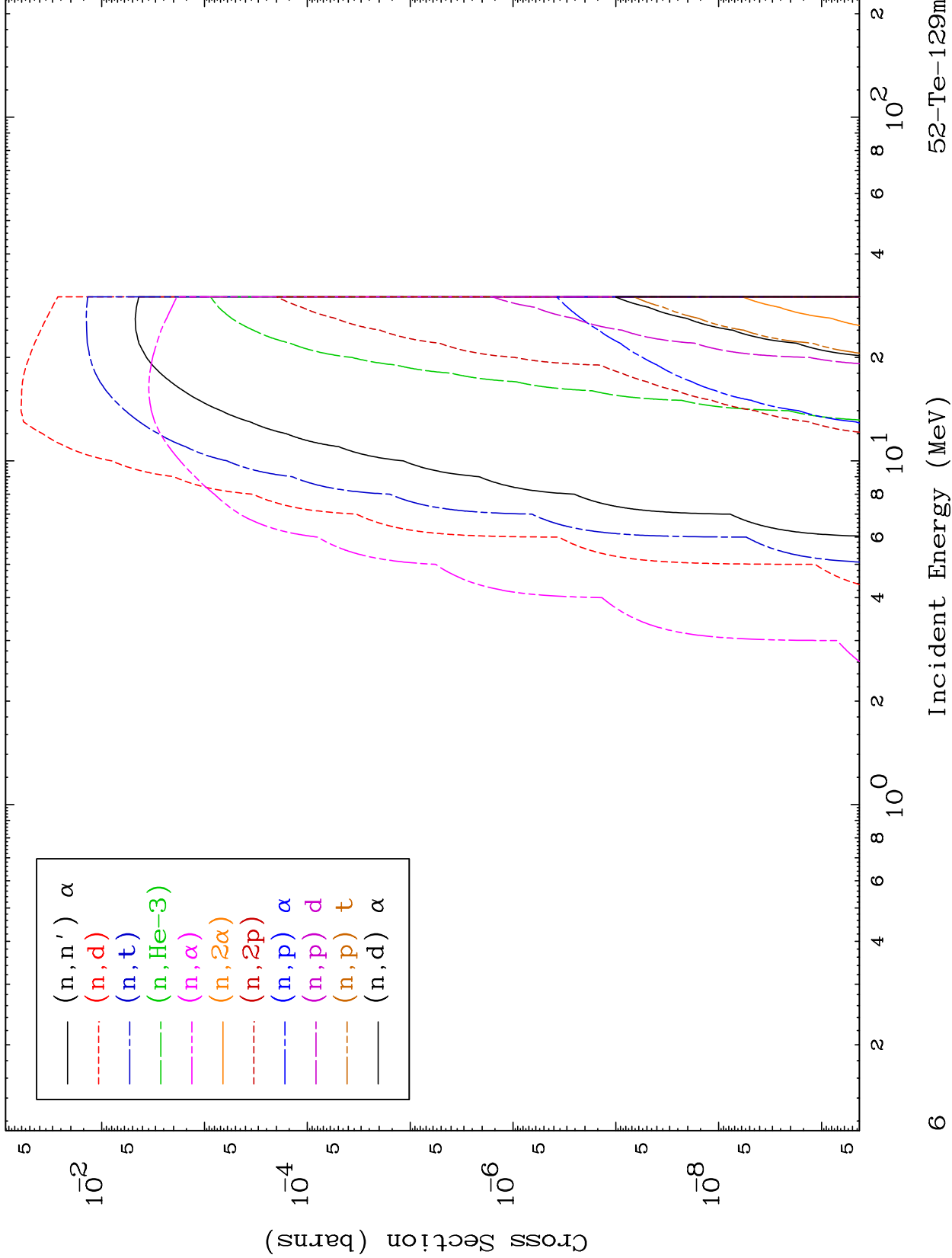
Deuteron Neutron Absorption
0 Kelvin Cross Sections

52-Te-129m







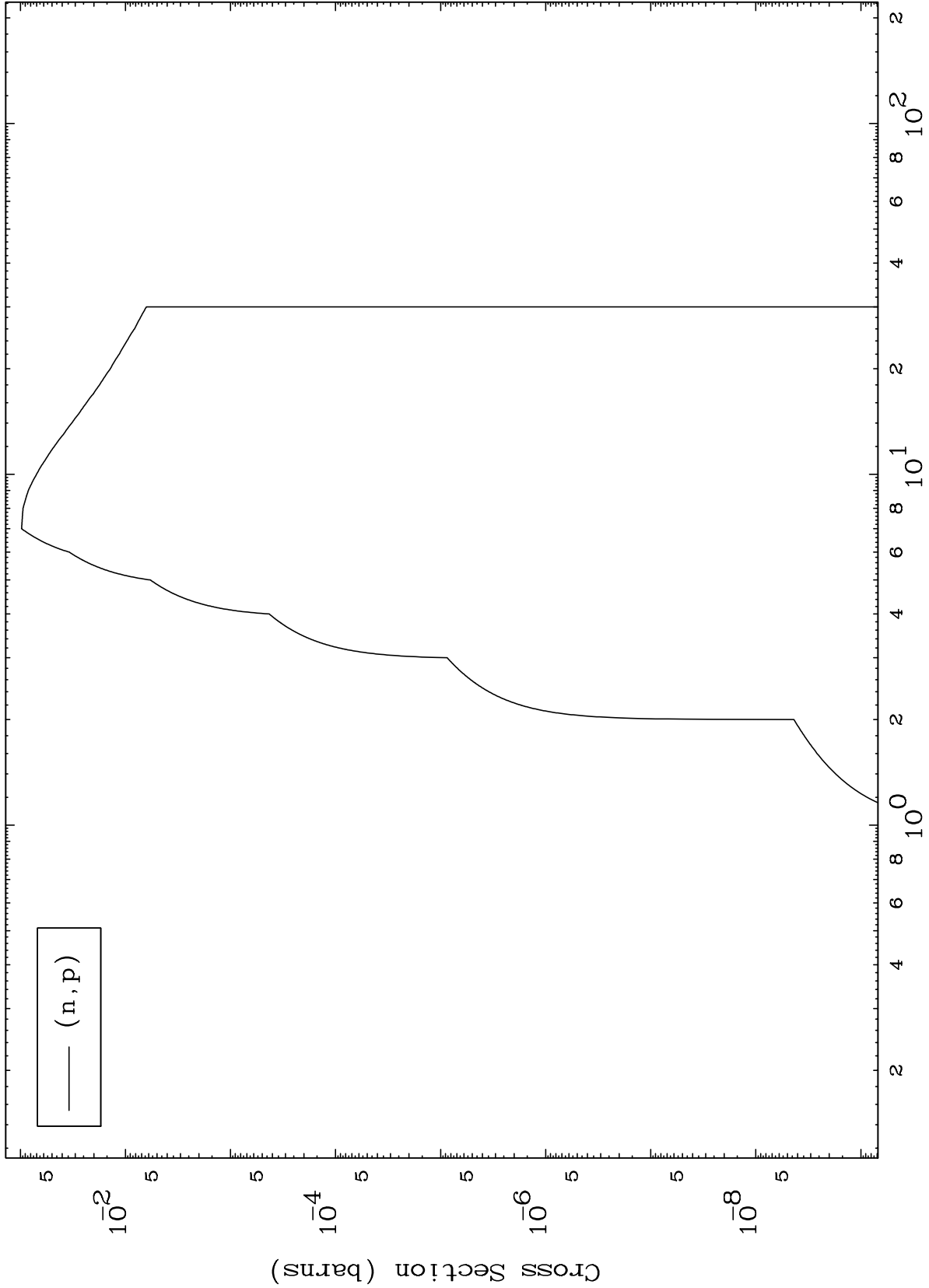


MAT 5253

(d,p) Levels

52-Te-129m

0 Kelvin Cross Sections

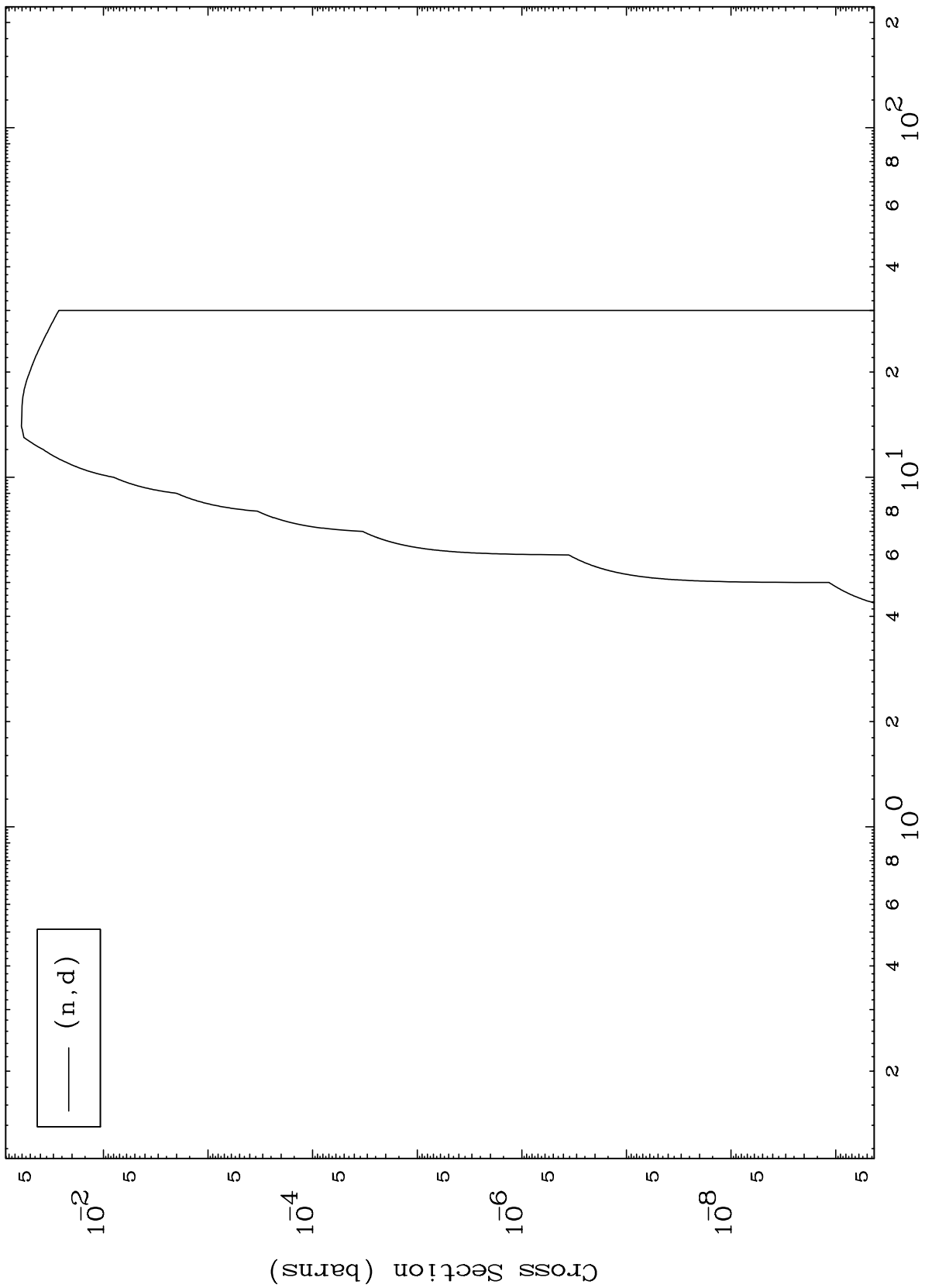


MAT 5253

(d,d) Levels

52-Te-129m

0 Kelvin Cross Sections

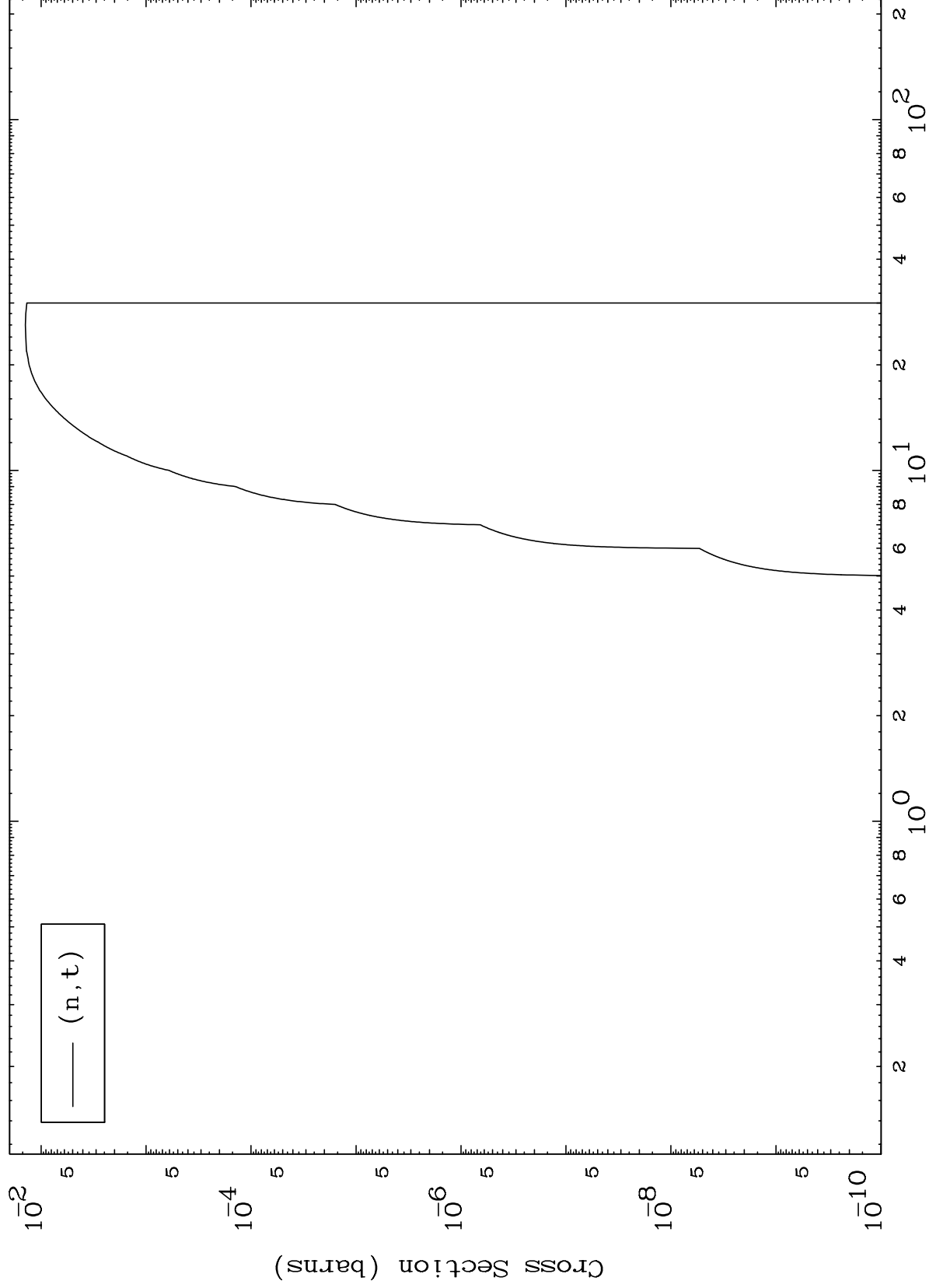


MAT 5253

(d, t) Levels

52-Te-129m

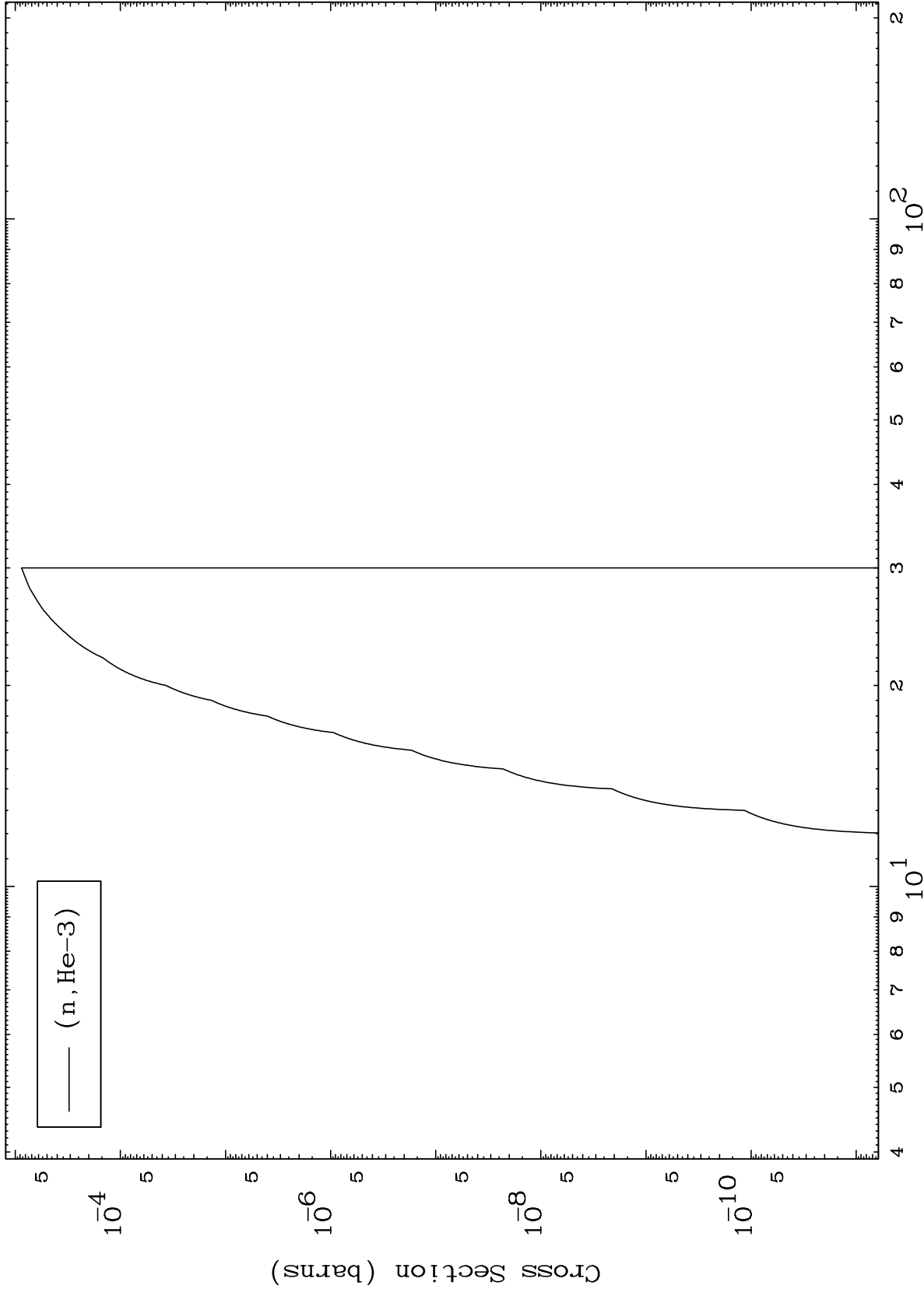
0 Kelvin Cross Sections



MAT 5253

(d,He3) Levels
0 Kelvin Cross Sections

52-Te-129m



10

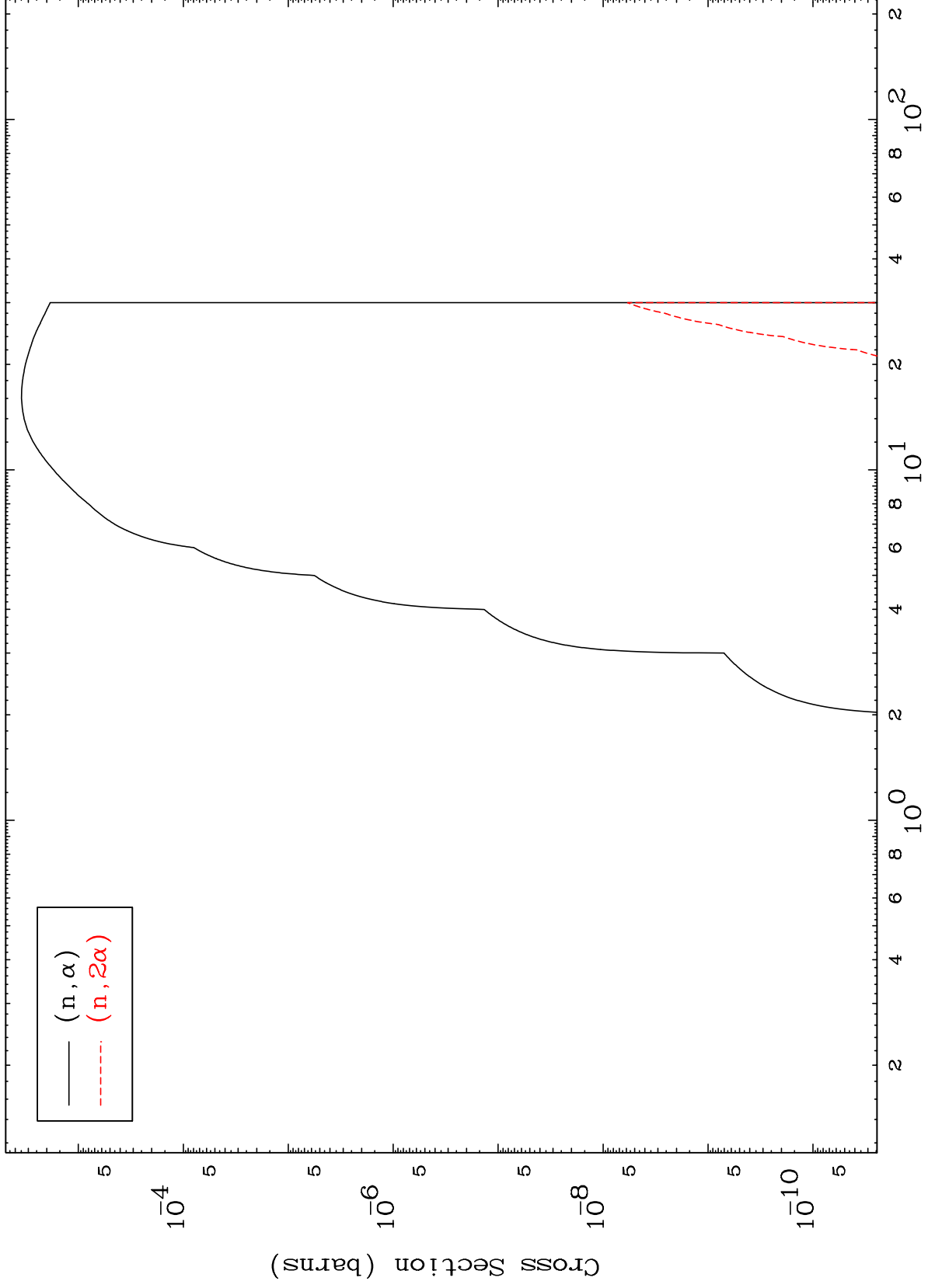
Incident Energy (MeV)

52-Te-129m

MAT 5253

(d, α) Levels
0 Kelvin Cross Sections

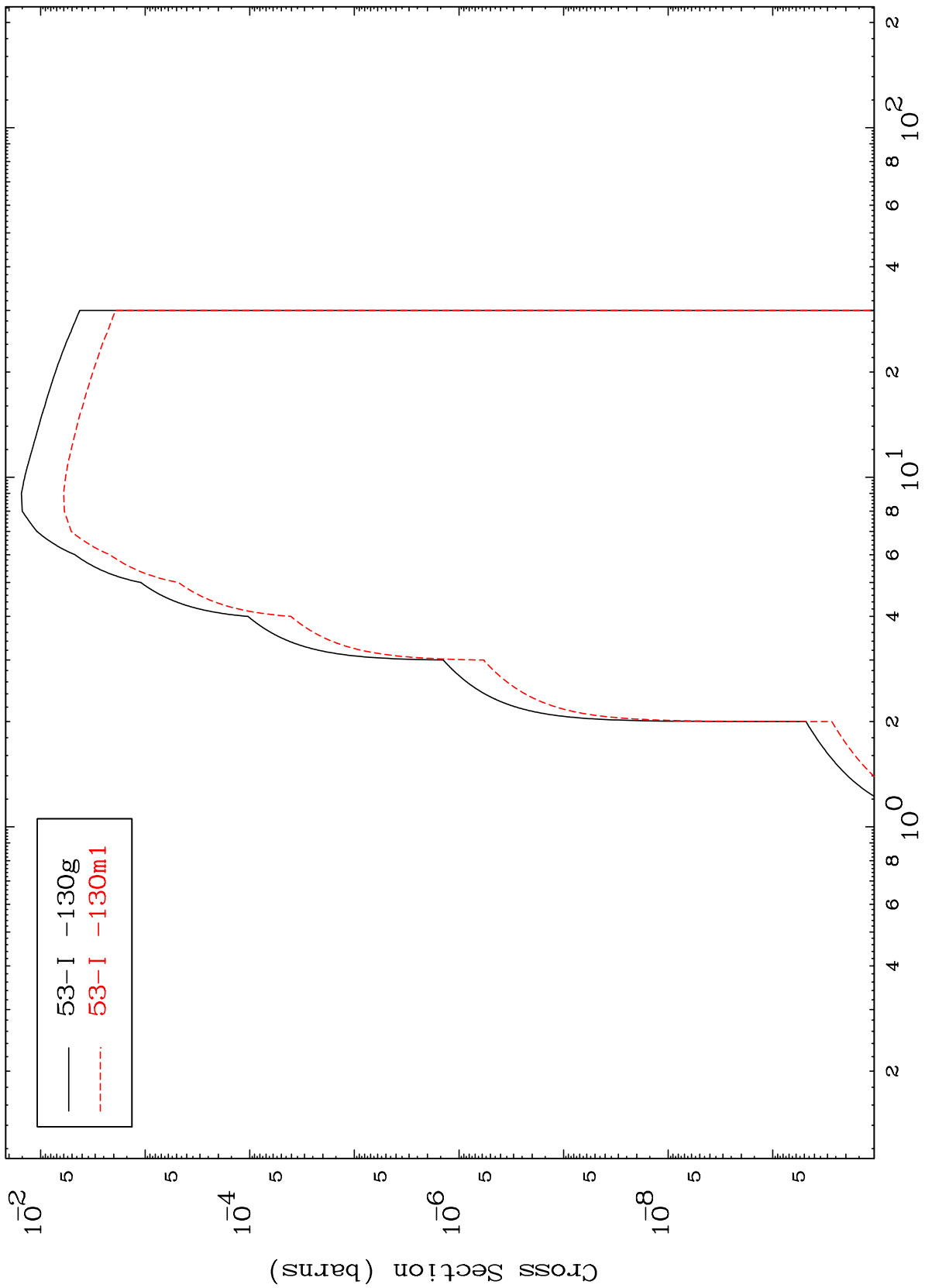
$^{52}\text{Te-129m}$



MAT 5253

52-Te-129m

Inelastic
Radionuclide Production Cross Section



52-Te-129m

Incident Energy (MeV)

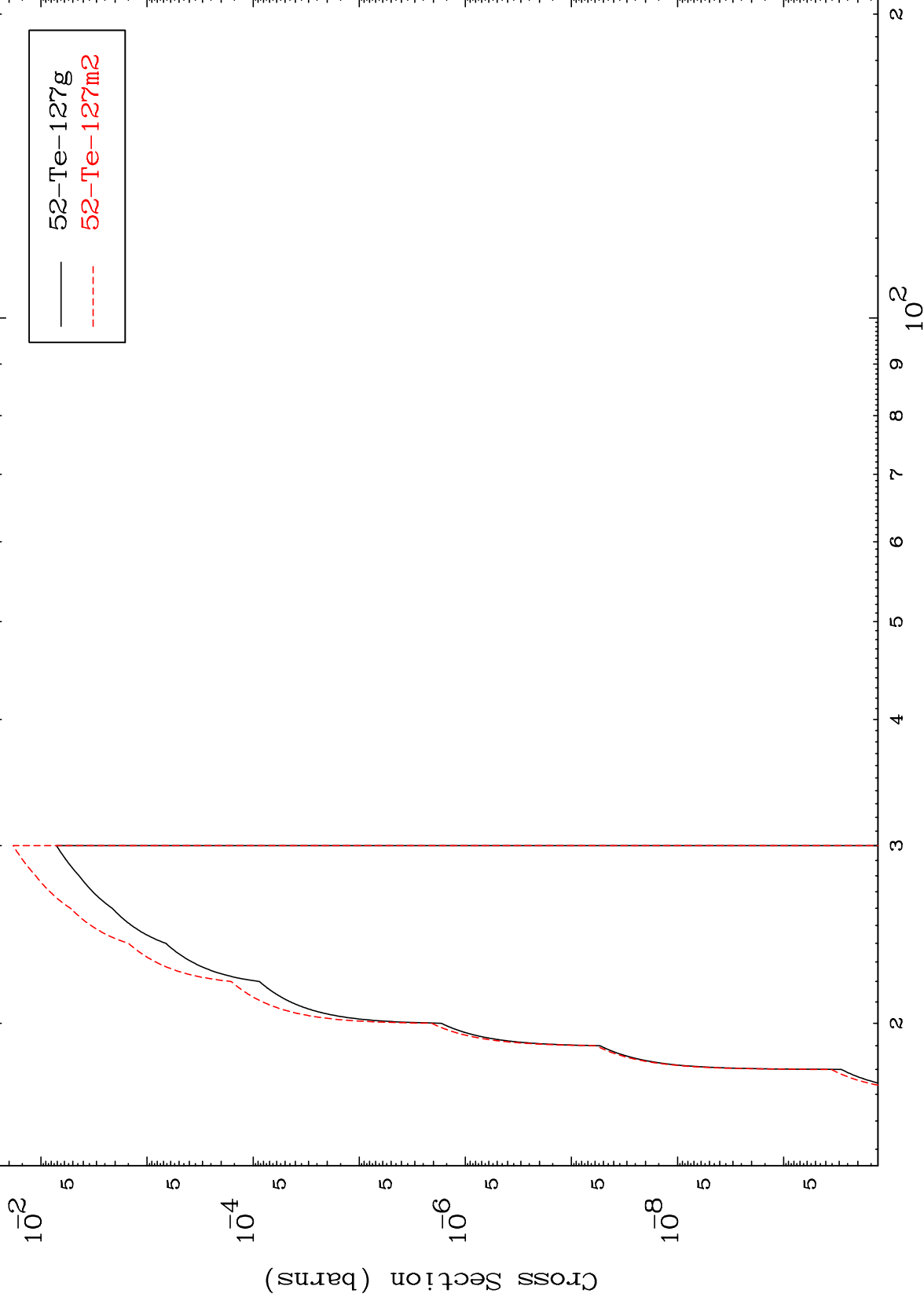
12

MAT 5253

(n,2n) d

52-Te-129m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

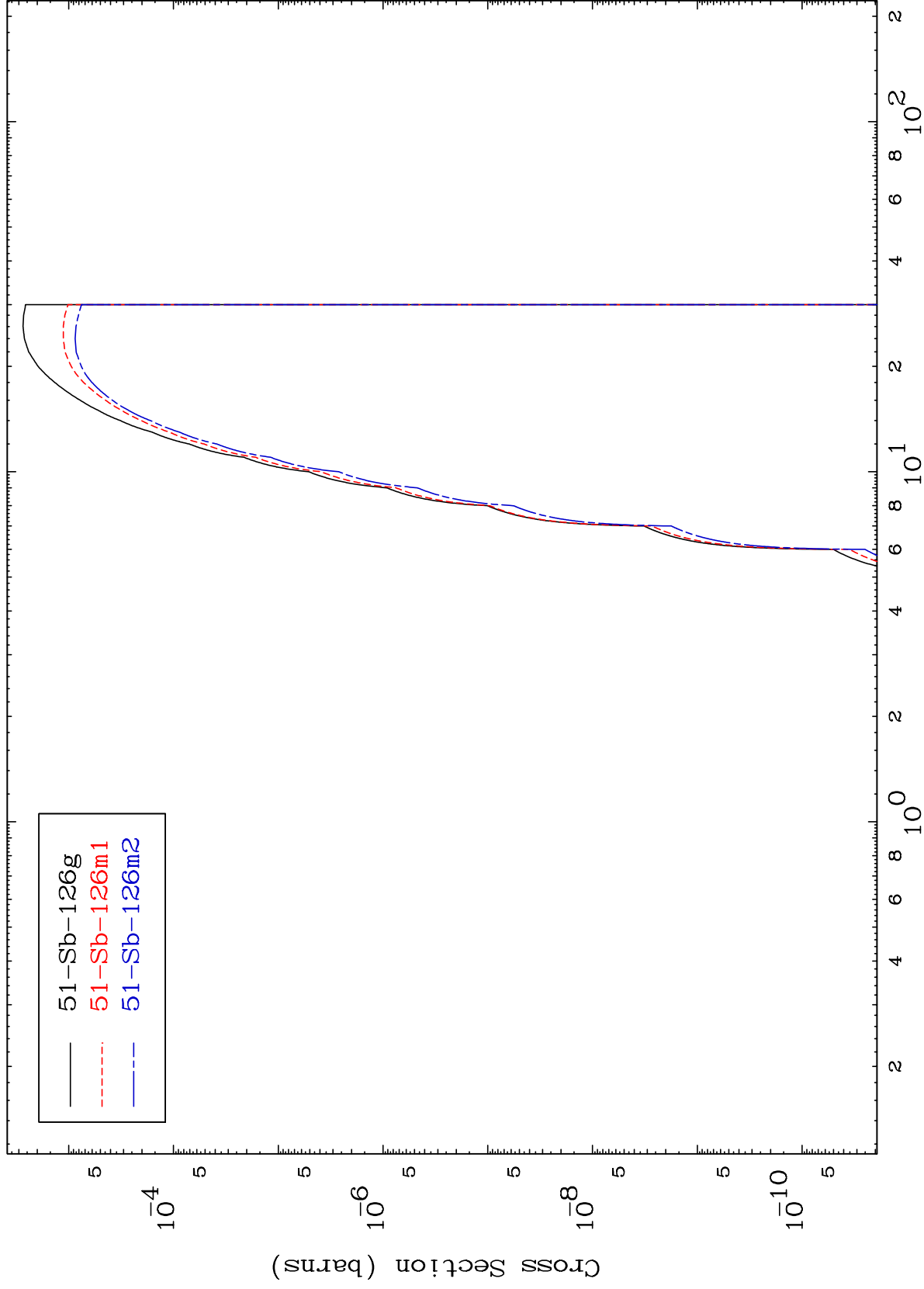
52-Te-129m

MAT 5253

52-Te-129m

(n,n') α

Radionuclide Production Cross Section



14

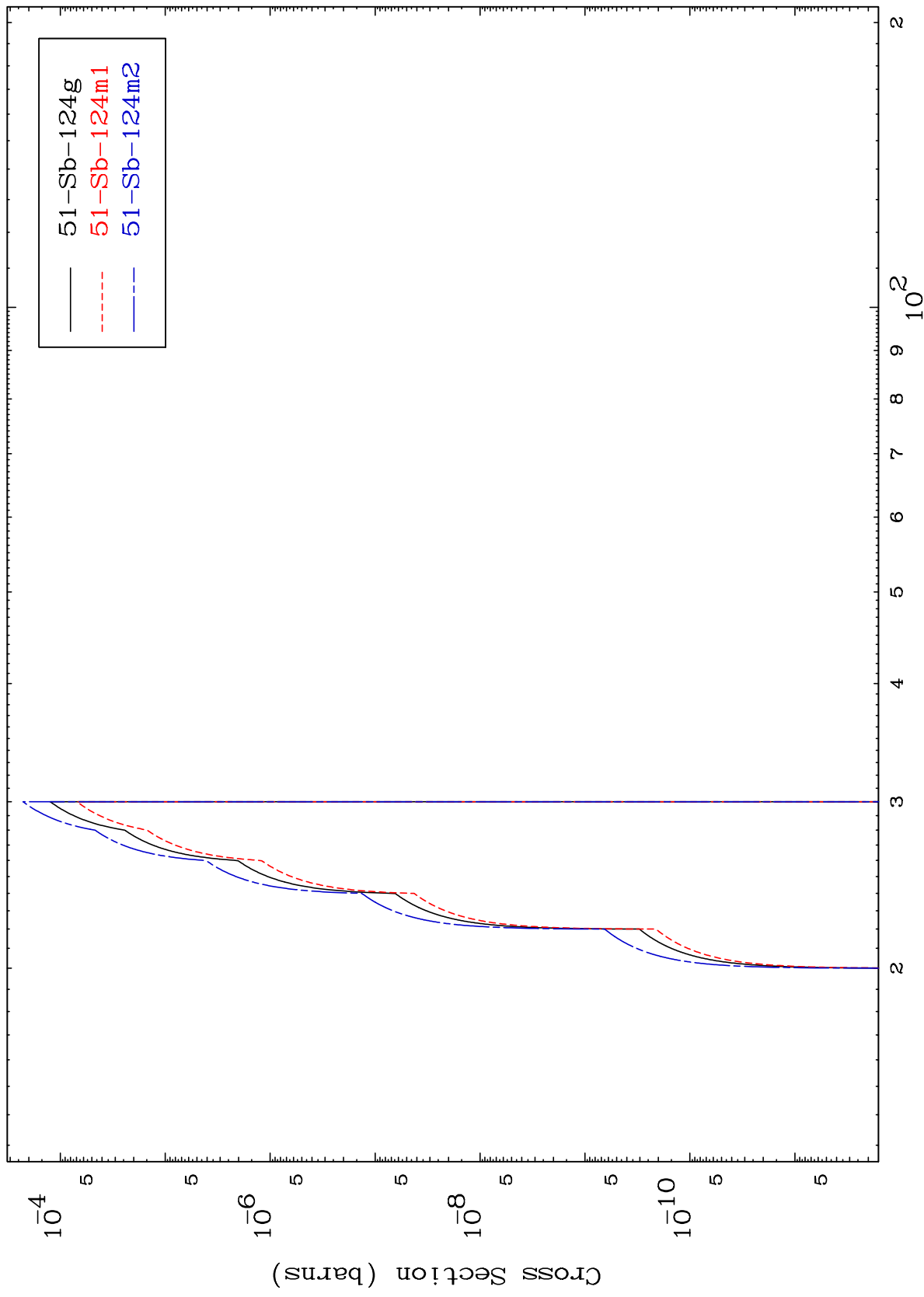
52-Te-129m

MAT 5253

(n,3n) α

52-Te-129m

Radionuclide Production Cross Section



15

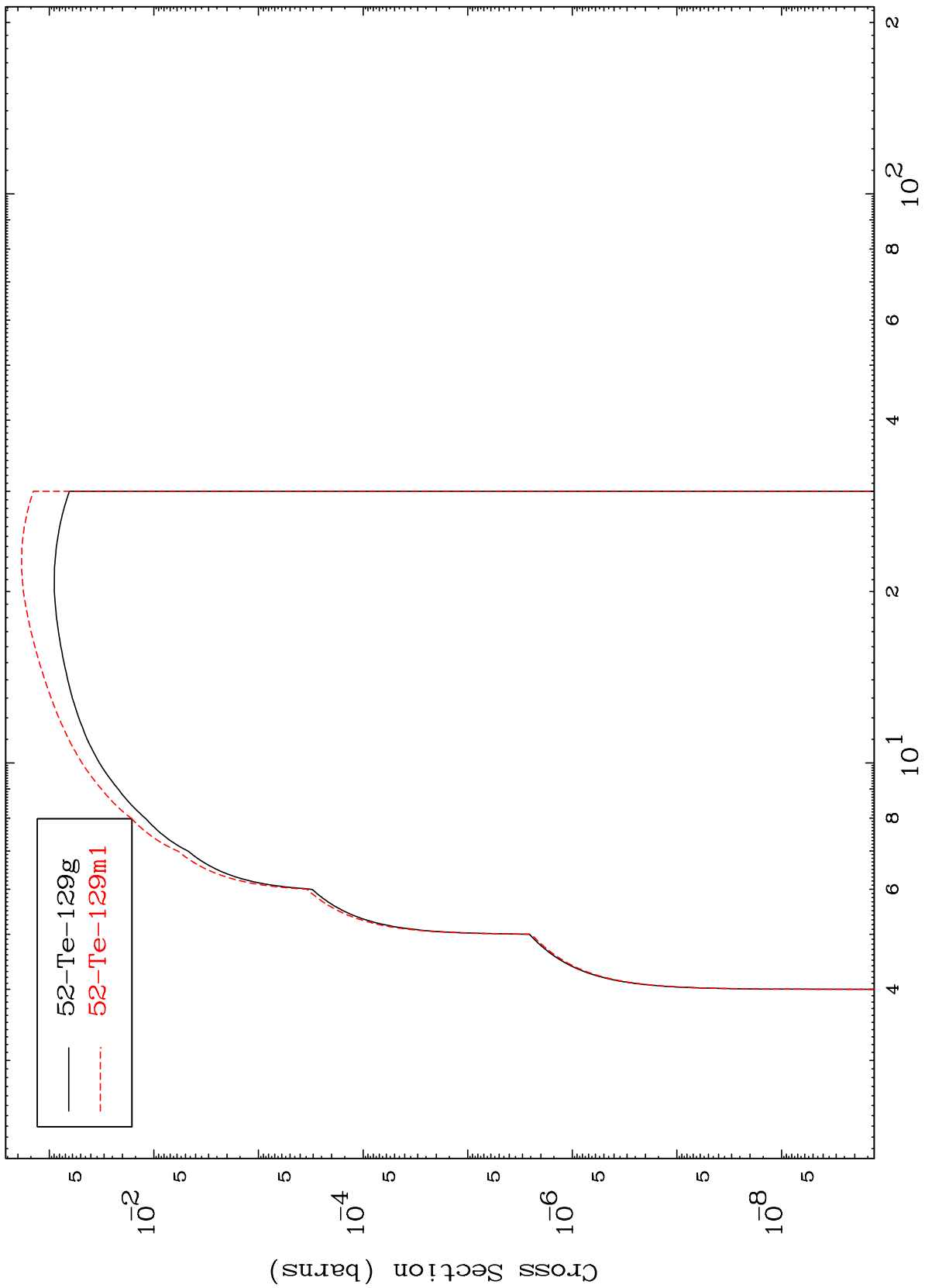
Incident Energy (MeV)

52-Te-129m

MAT 5253

52-Te-129m

(n,n') p
Radionuclide Production Cross Section

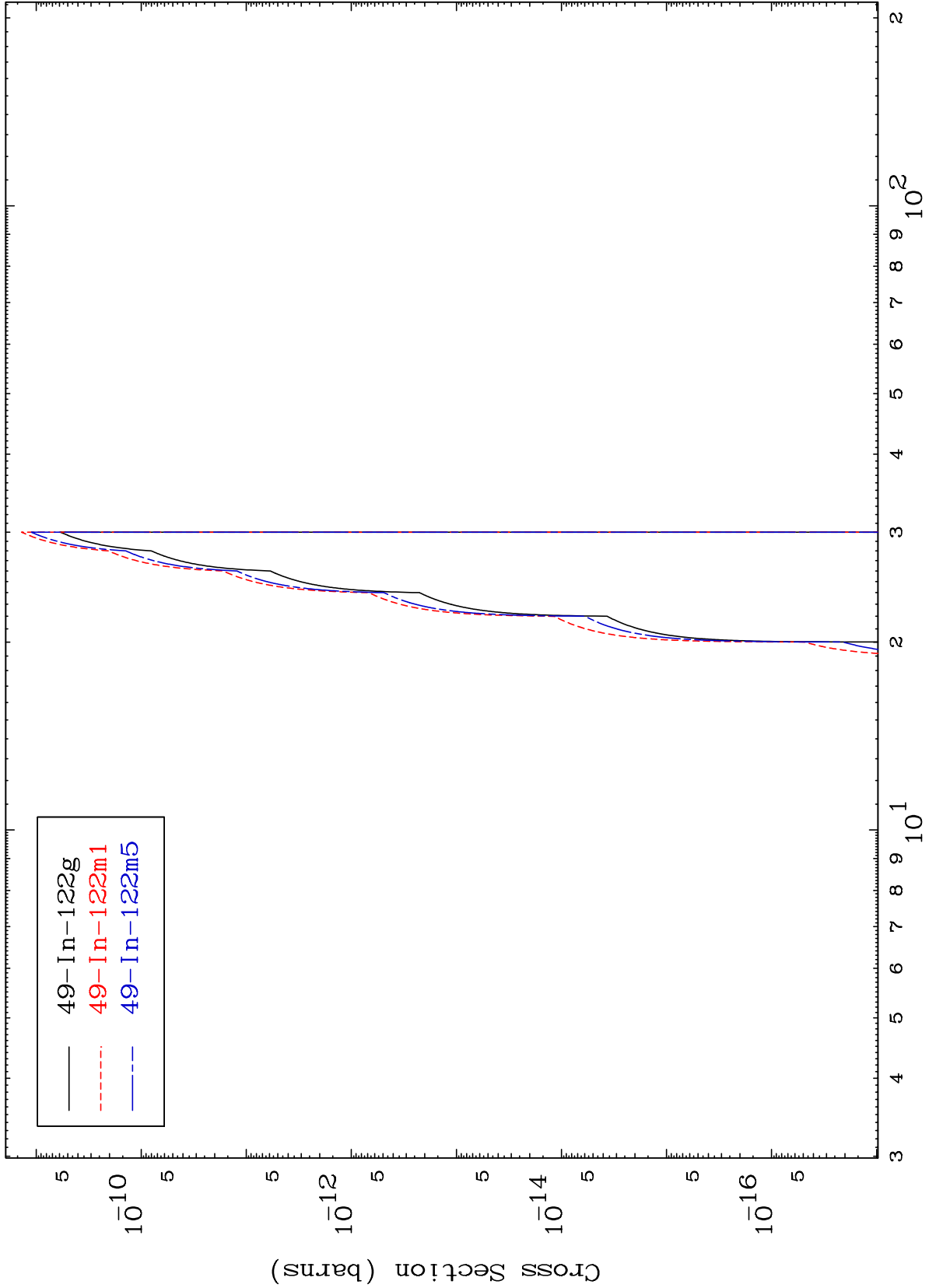


MAT 5253

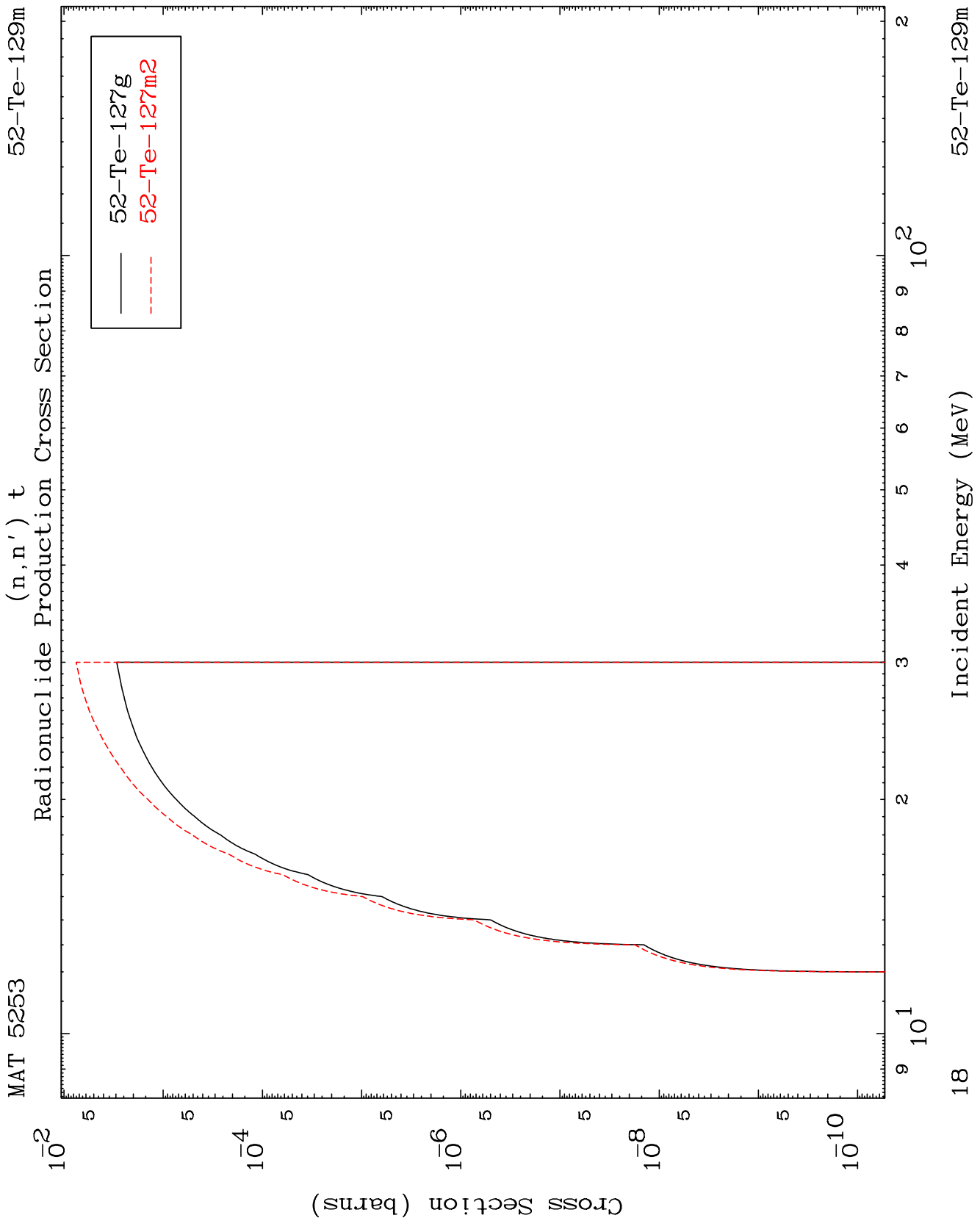
(n,n') 2α

52-Te-129m

Radionuclide Production Cross Section



49-In-122g
49-In-122m1
49-In-122m5

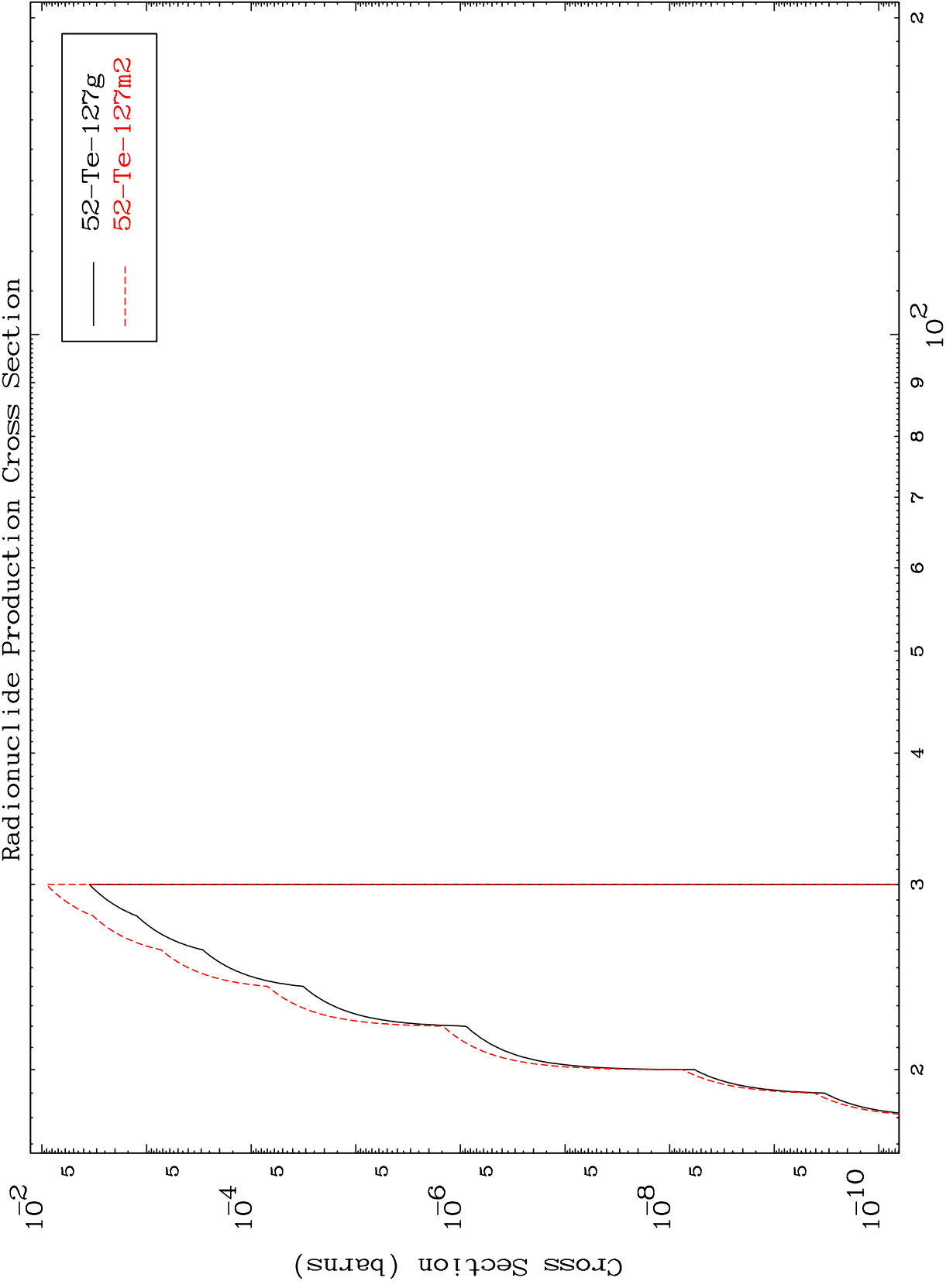


MAT 5253

(n,3n) p

52-Te-129m

Radionuclide Production Cross Section



19

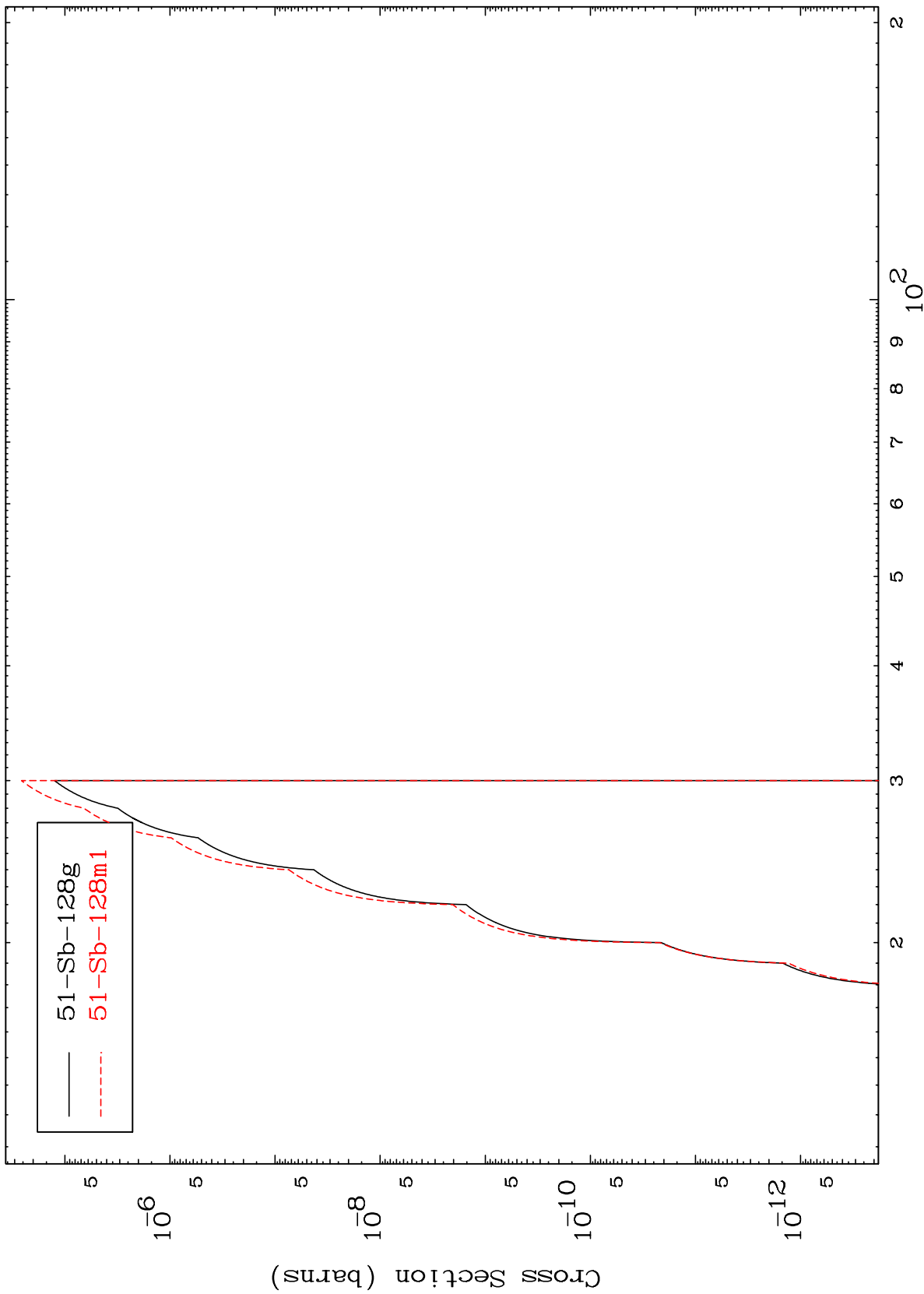
Incident Energy (MeV)

52-Te-129m

MAT 5253

52-Te-129m

(n,2n) p
Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-129m

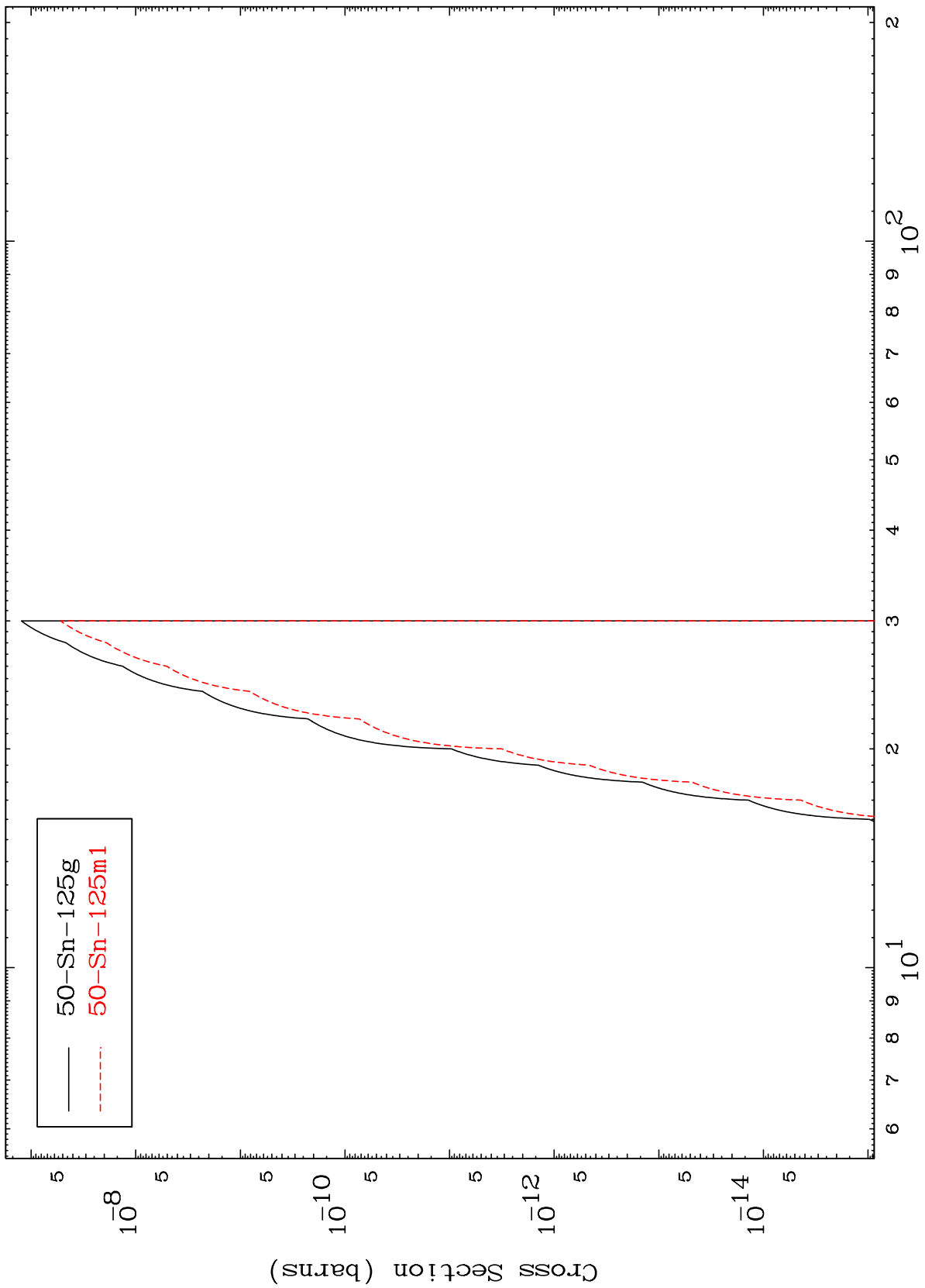
20

MAT 5253

(n,n') p α

52-Te-129m

Radionuclide Production Cross Section

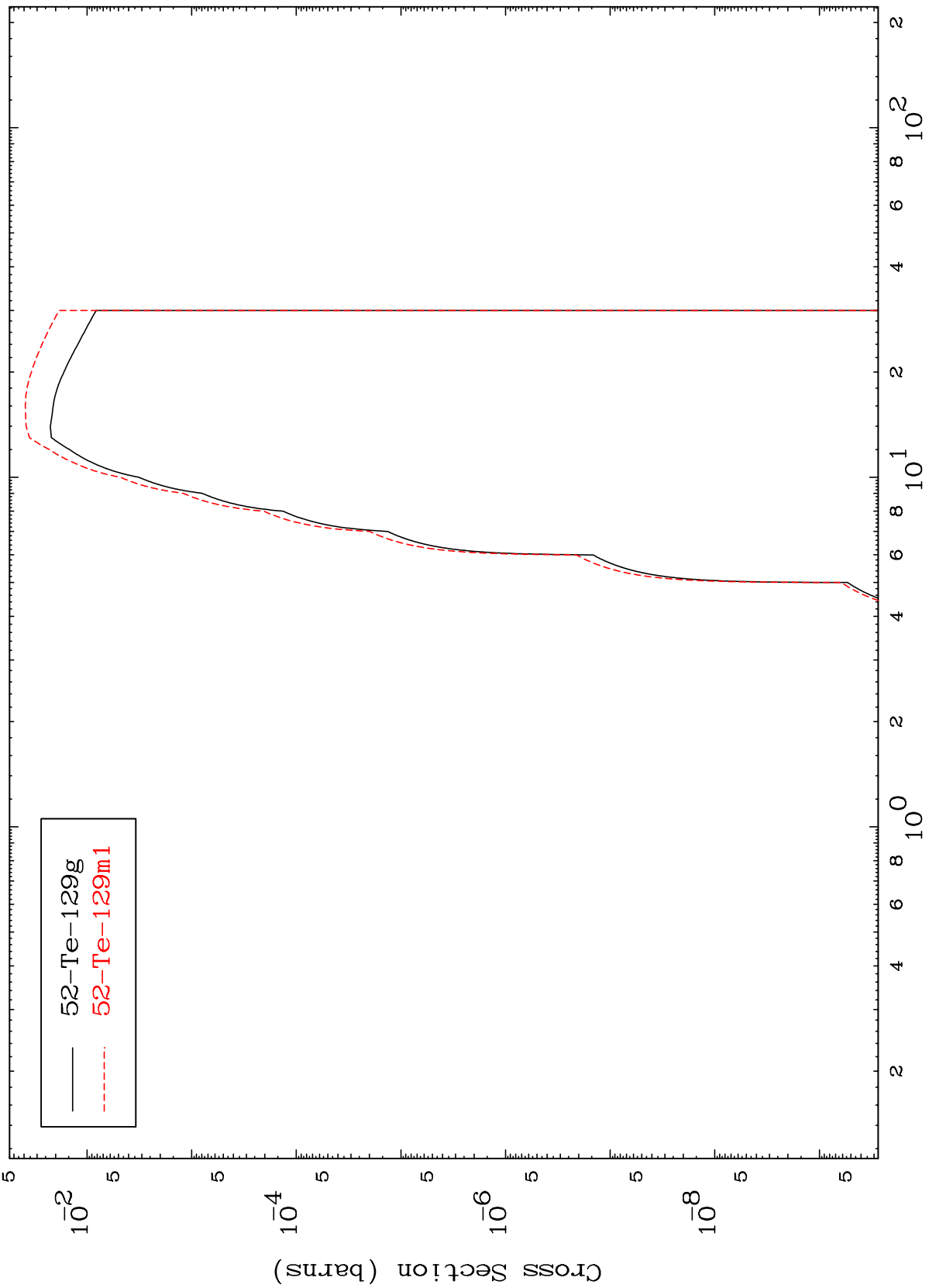


MAT 5253

(n, d)

⁵²Te-129m

Radionuclide Production Cross Section



Incident Energy (MeV)

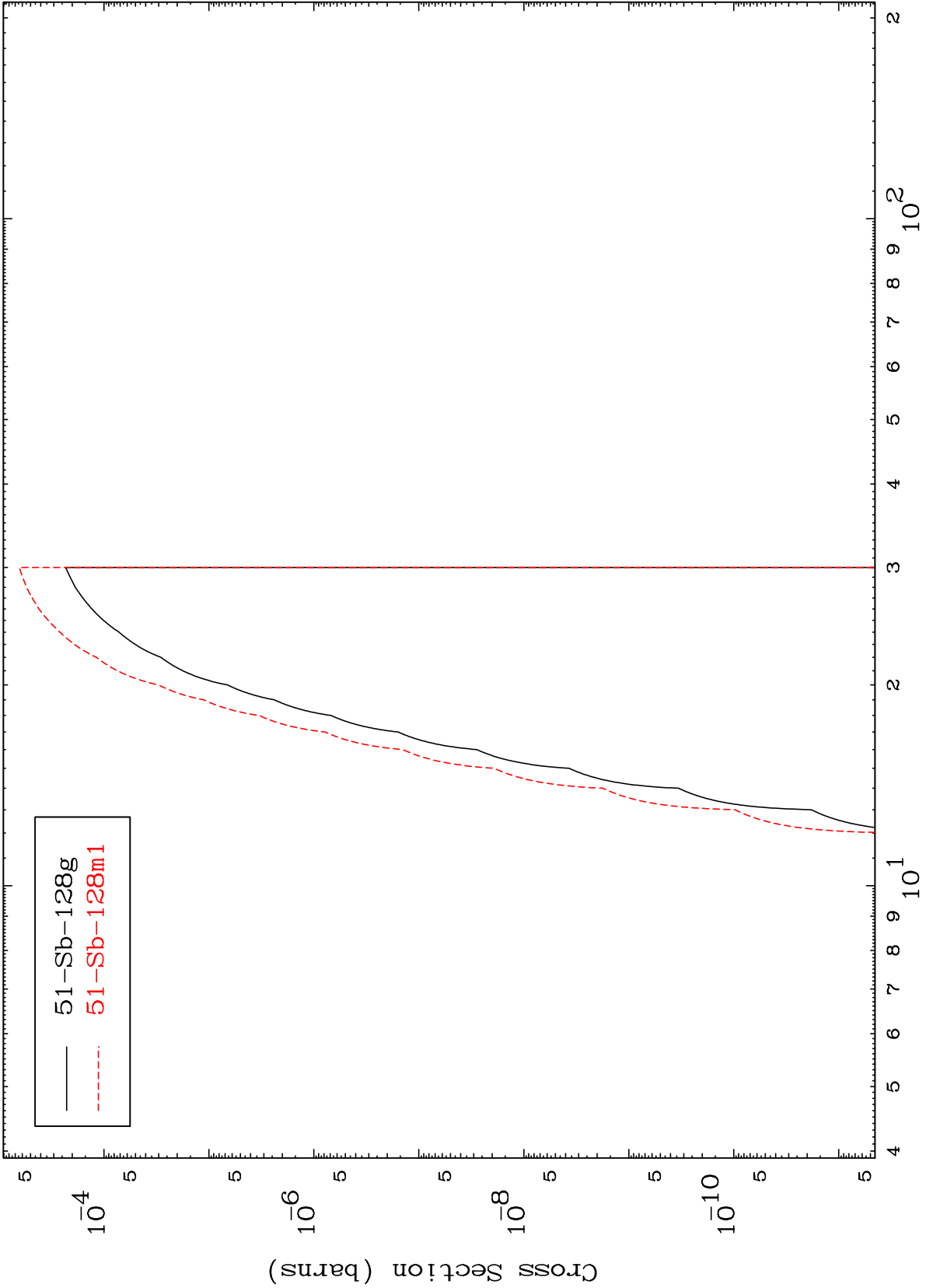
⁵²Te-129m

MAT 5253

(n,He-3)

52-Te-129m

Radionuclide Production Cross Section



23

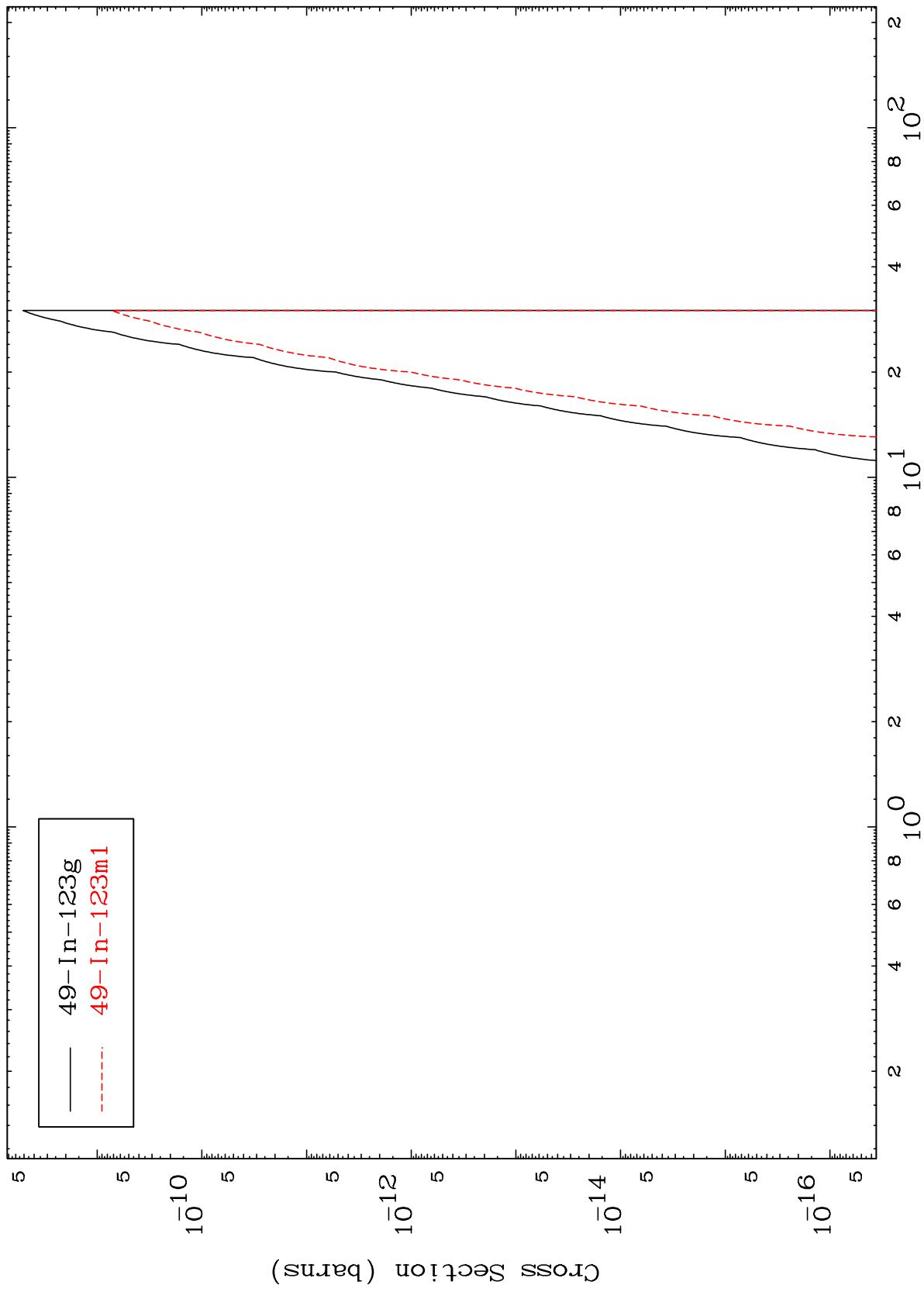
Incident Energy (MeV)

52-Te-129m

MAT 5253

52-Te-129m

(n,2α)
Radionuclide Production Cross Section



52-Te-129m

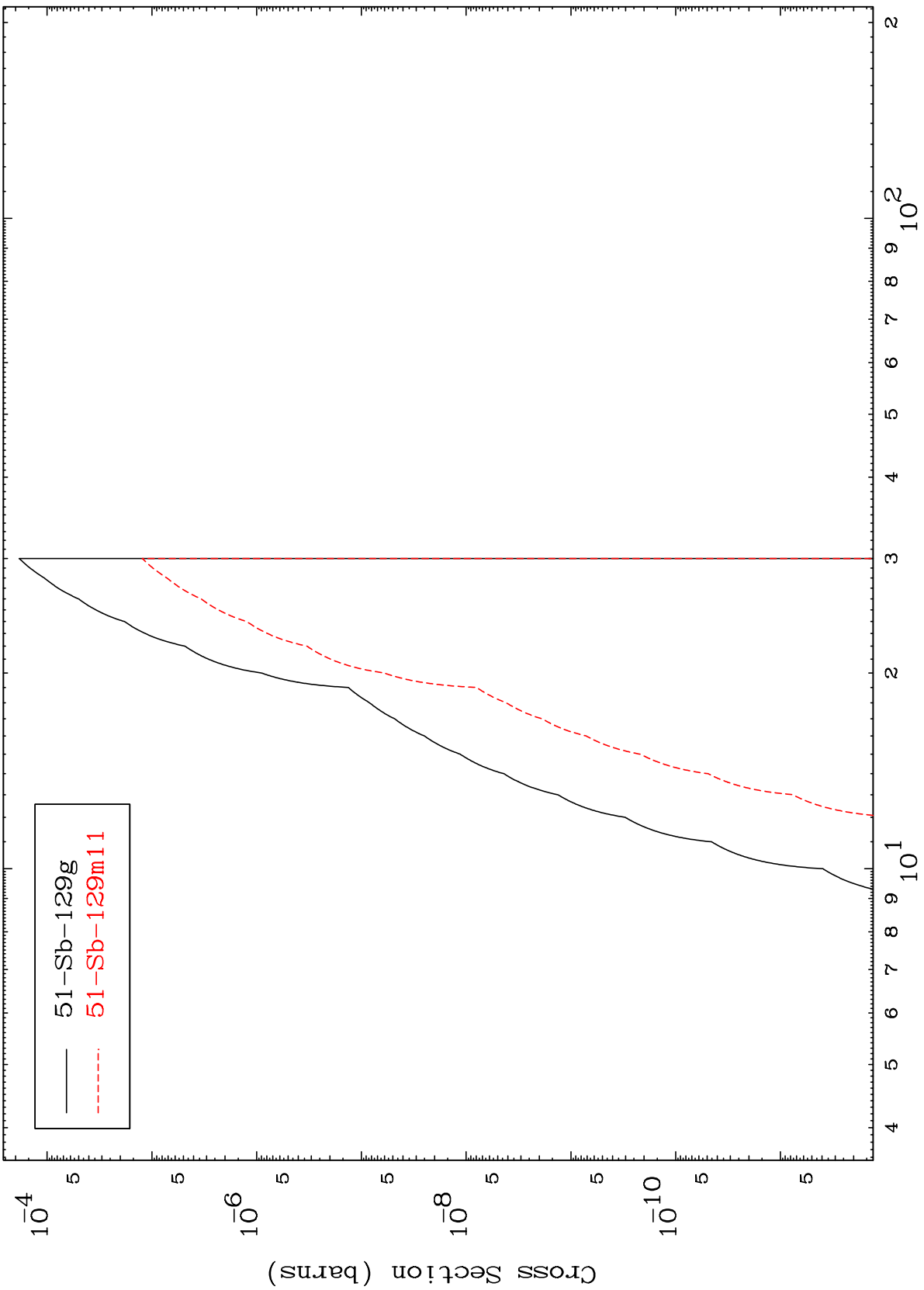
Incident Energy (MeV)

24

MAT 5253

52-Te-129m

(n,2p)
Radionuclide Production Cross Section



25

52-Te-129m

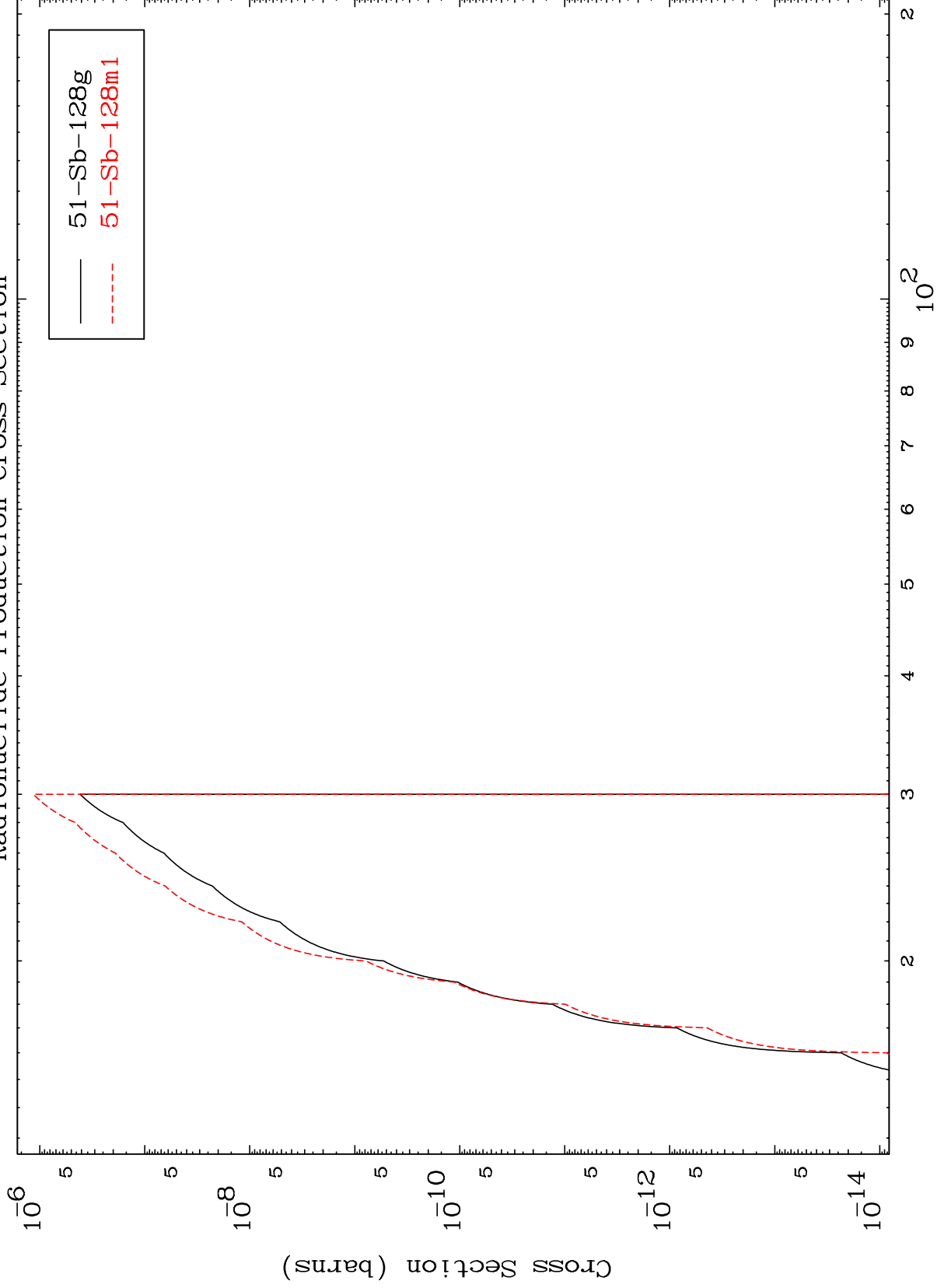
Incident Energy (MeV)

MAT 5253

(n,p) d

52-Te-129m

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-129m

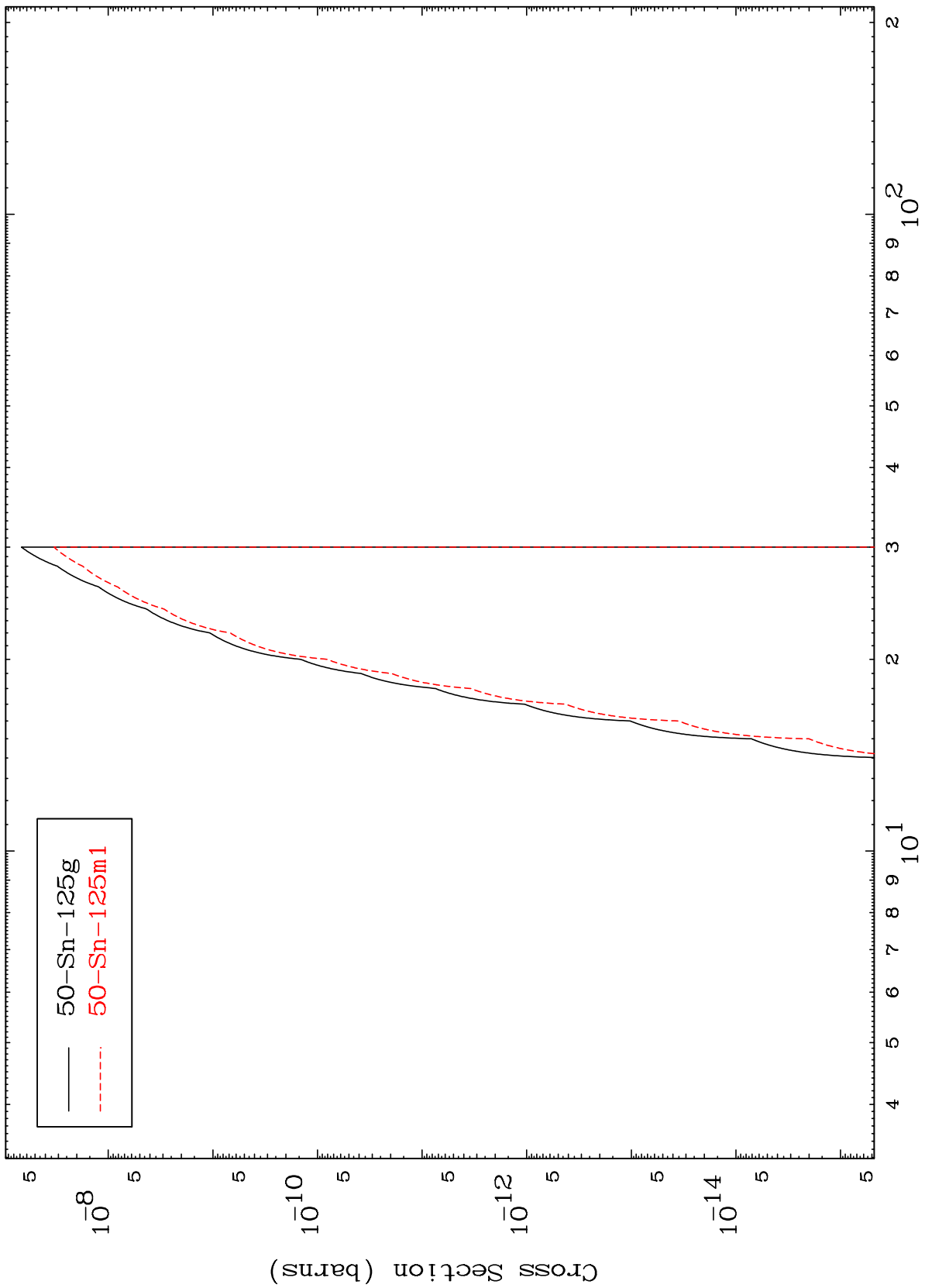
26

MAT 5253

(n,d) α

52-Te-129m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

52-Te-129m