

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

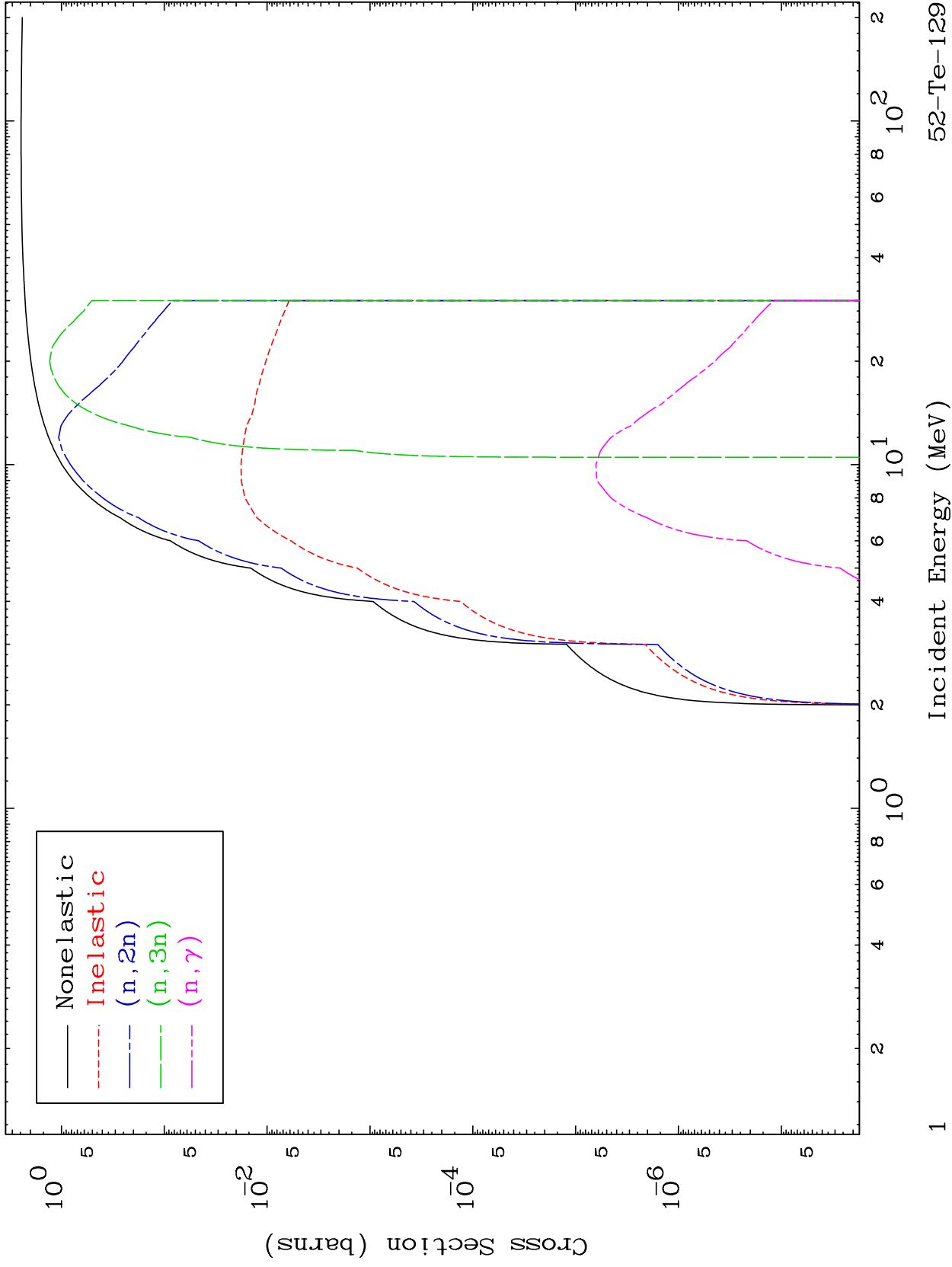
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

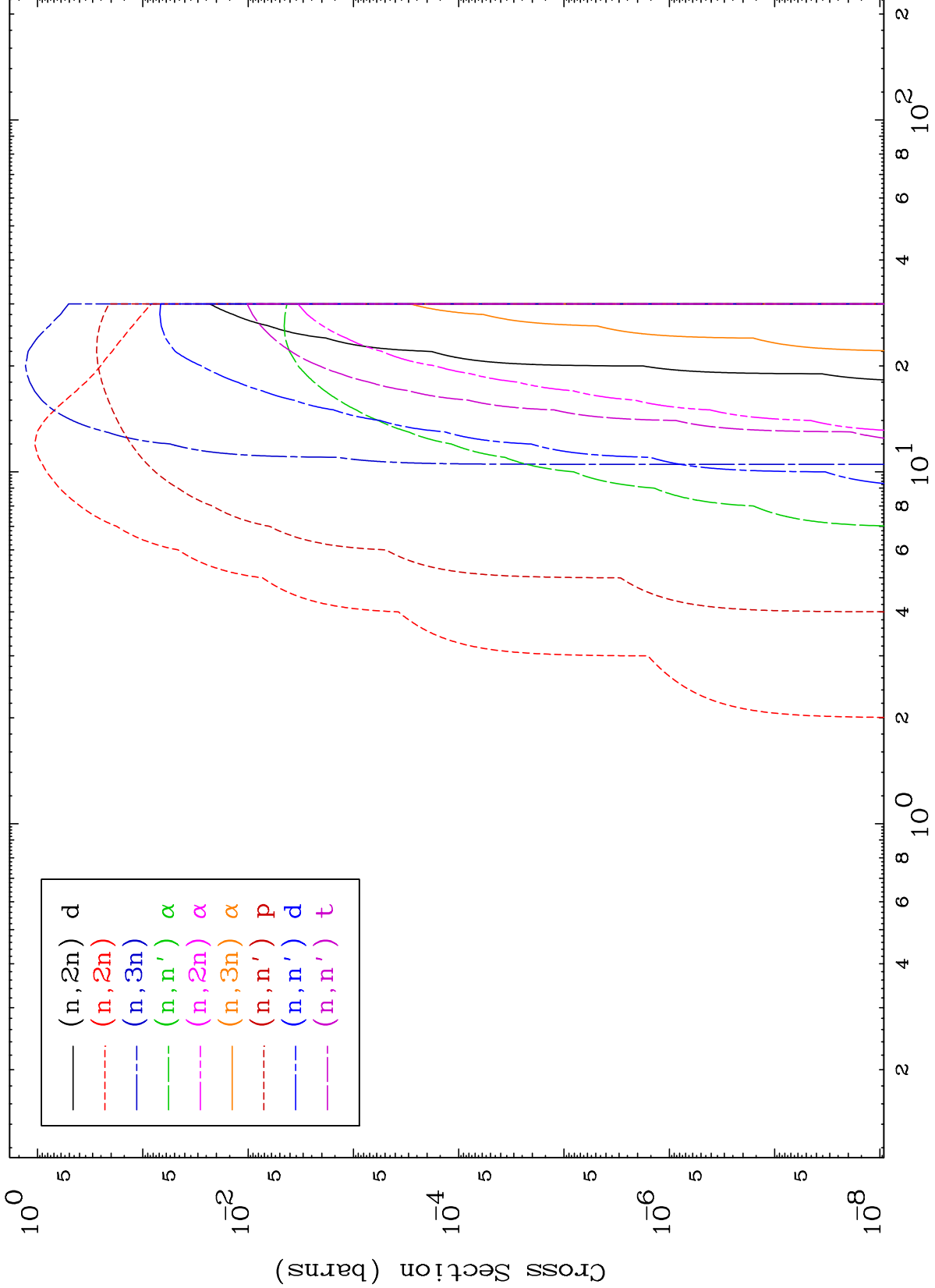
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

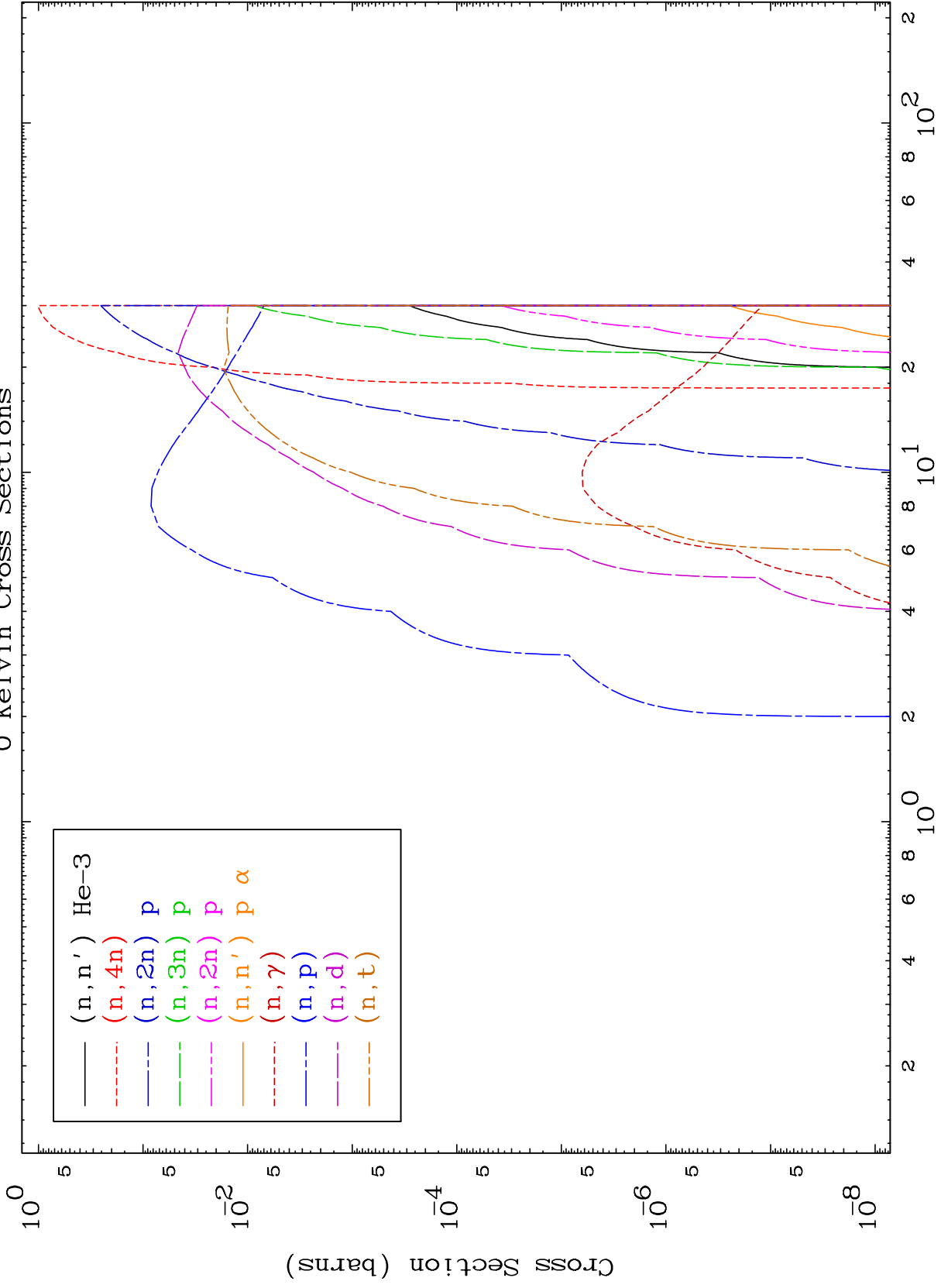




MAT 5252

Deuteron Neutron Absorption
0 Kelvin Cross Sections

52-Te-129



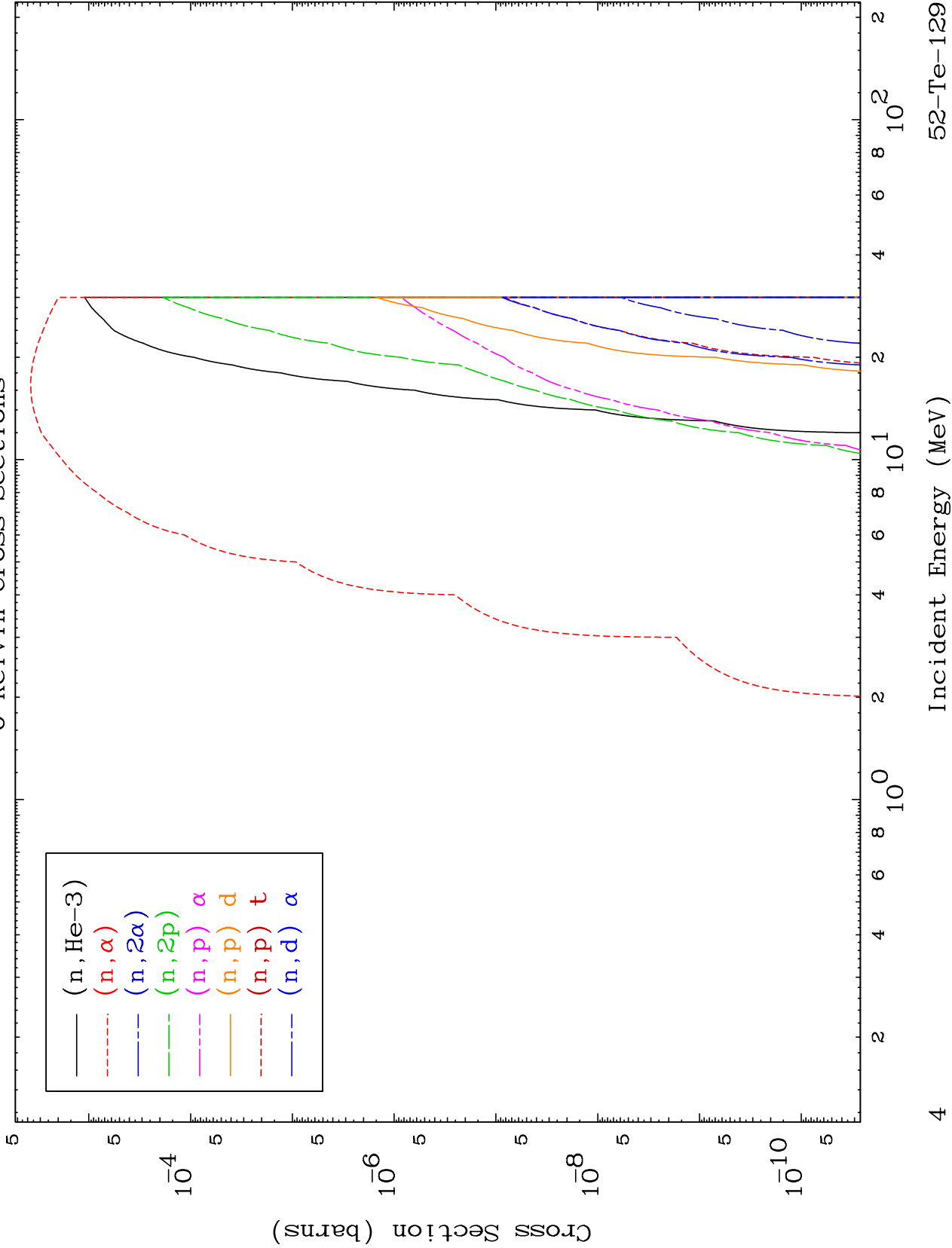
52-Te-129

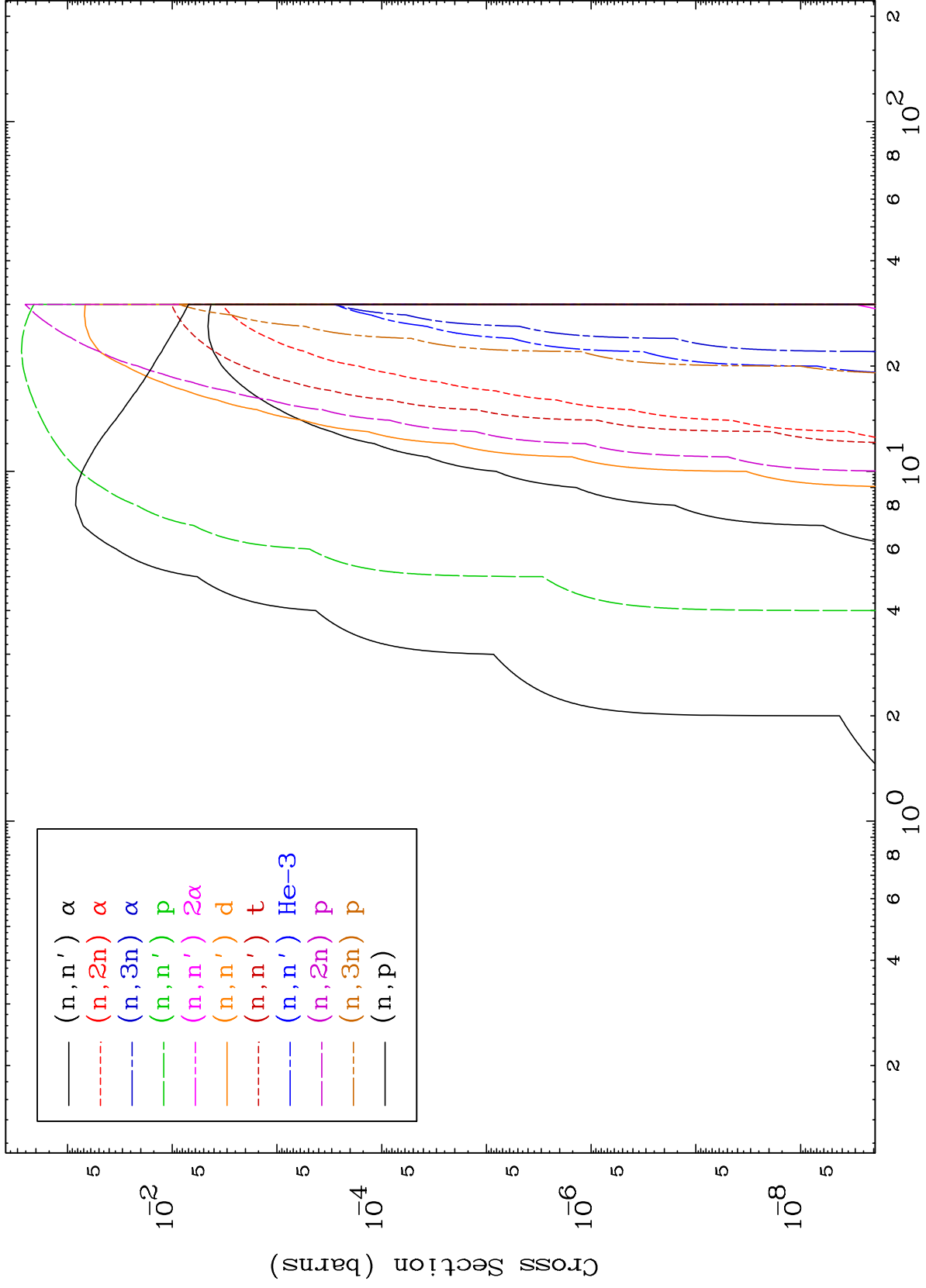
Incident Energy (MeV)

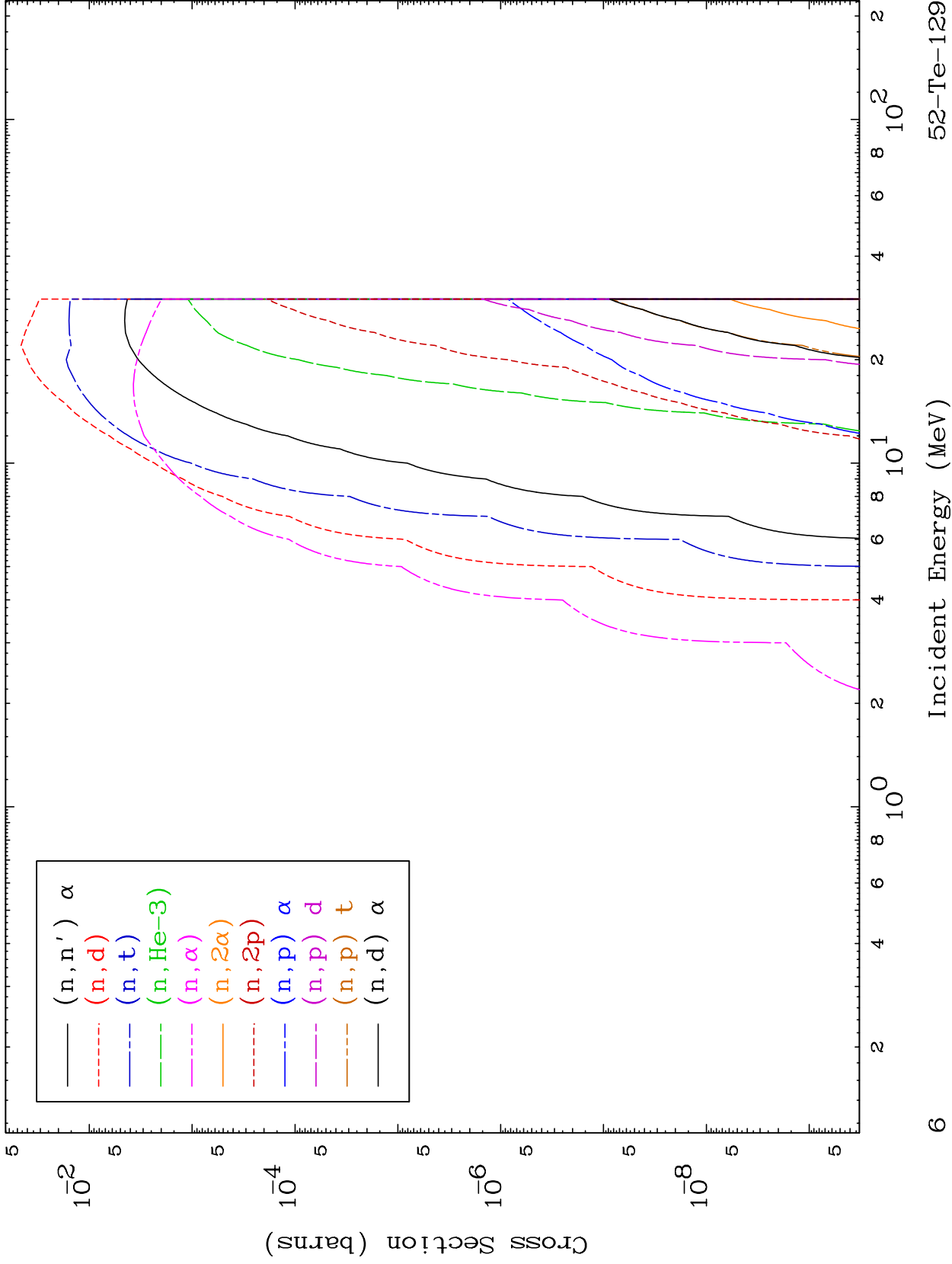
MAT 5252

Deuteron Neutron Absorption
0 Kelvin Cross Sections

52-Te-129



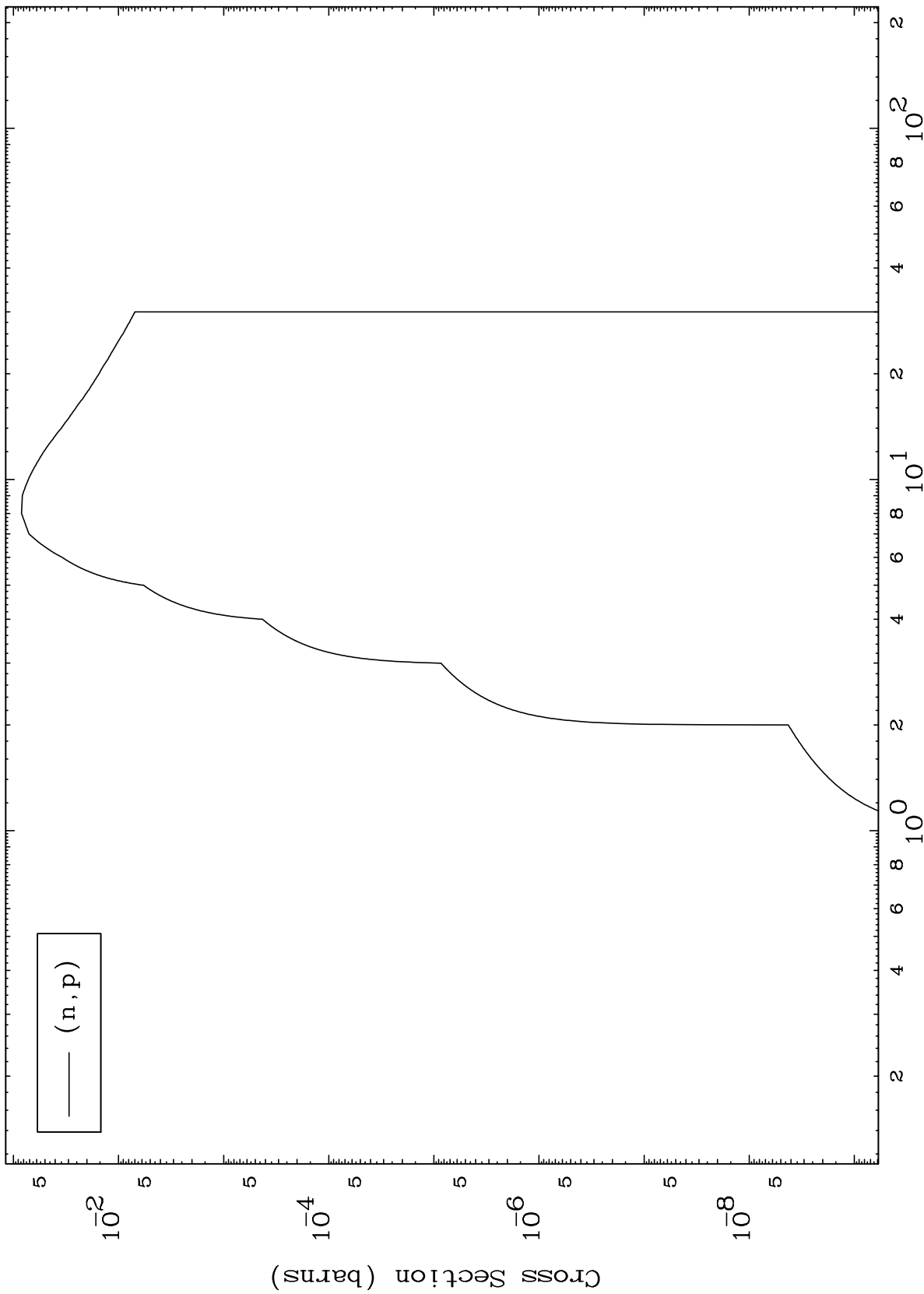




MAT 5252

52-Te-129

(d,p) Levels
0 Kelvin Cross Sections



52-Te-129

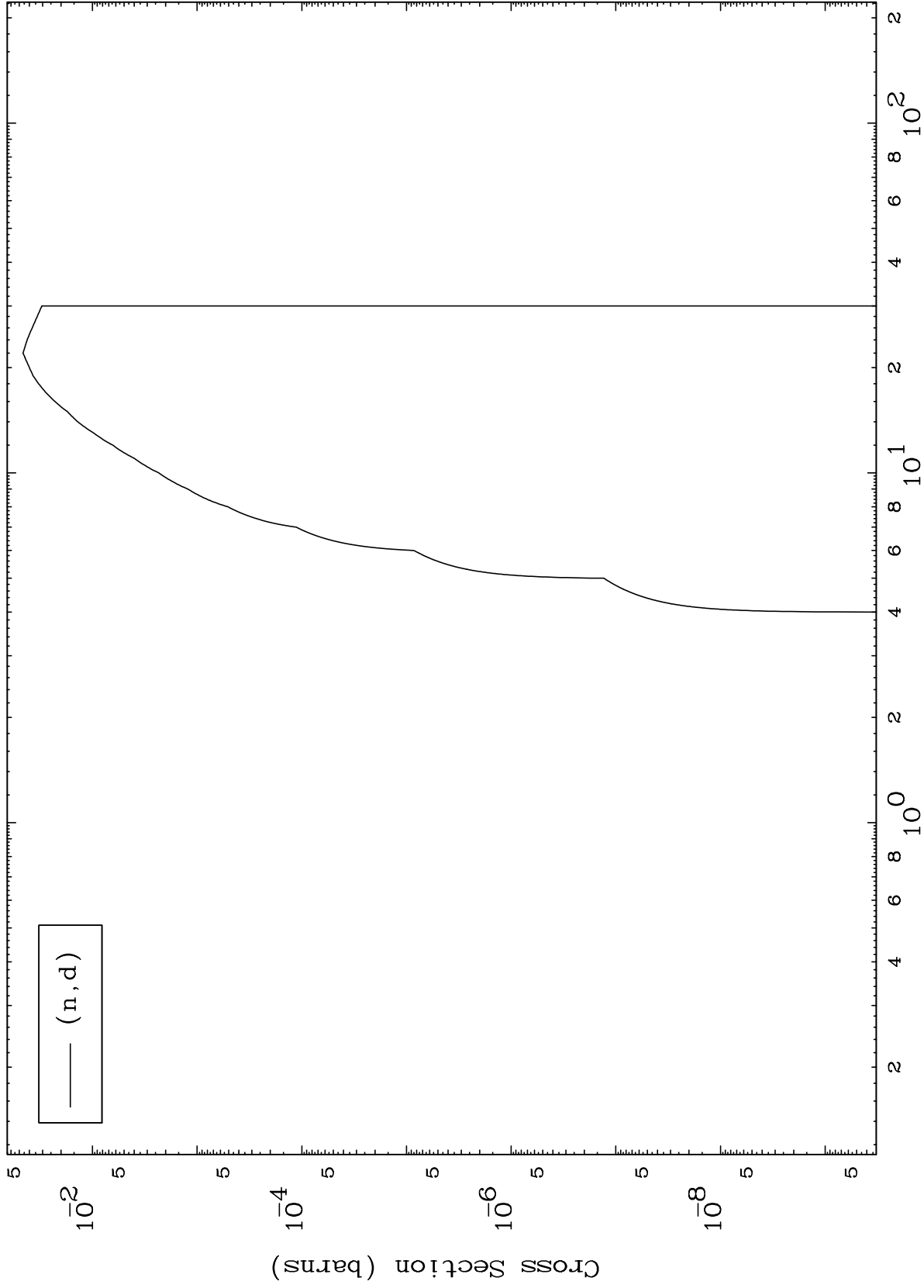
Incident Energy (MeV)

MAT 5252

(d,d) Levels

52-Te-129

0 Kelvin Cross Sections

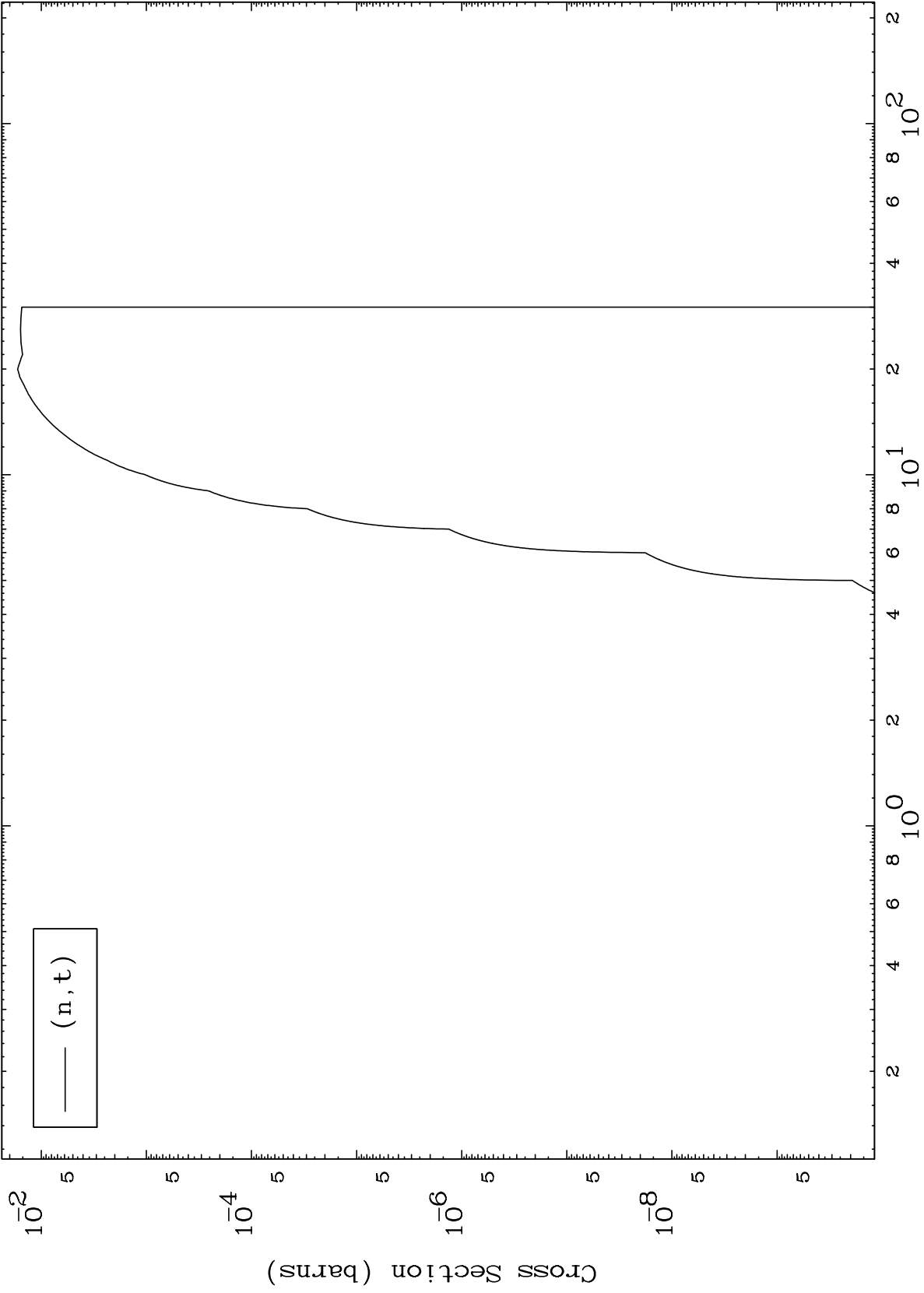


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(d, t) Levels

52-Te-129

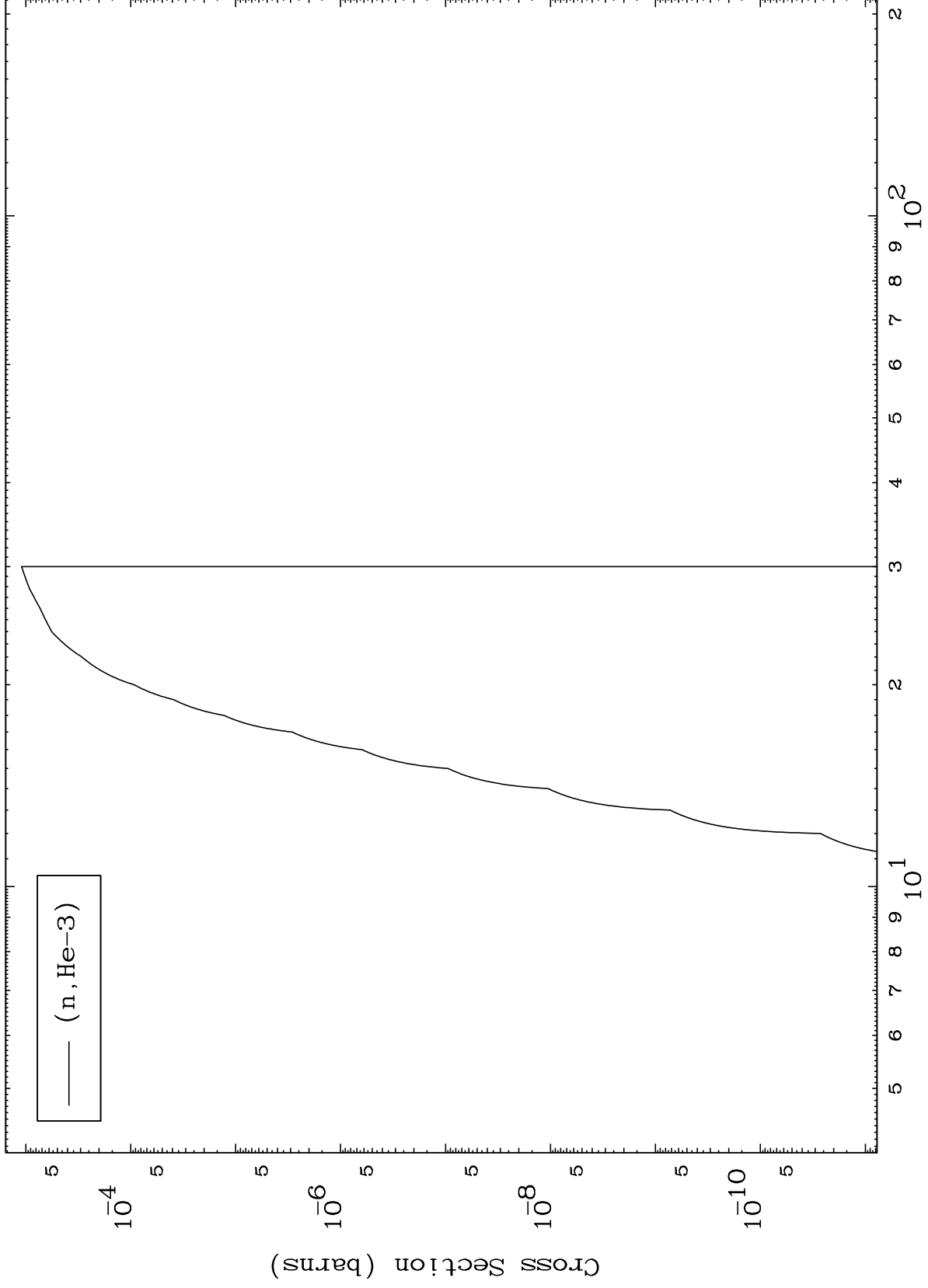
0 Kelvin Cross Sections



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(d,He3) Levels
0 Kelvin Cross Sections

52-Te-129



10

Incident Energy (MeV)

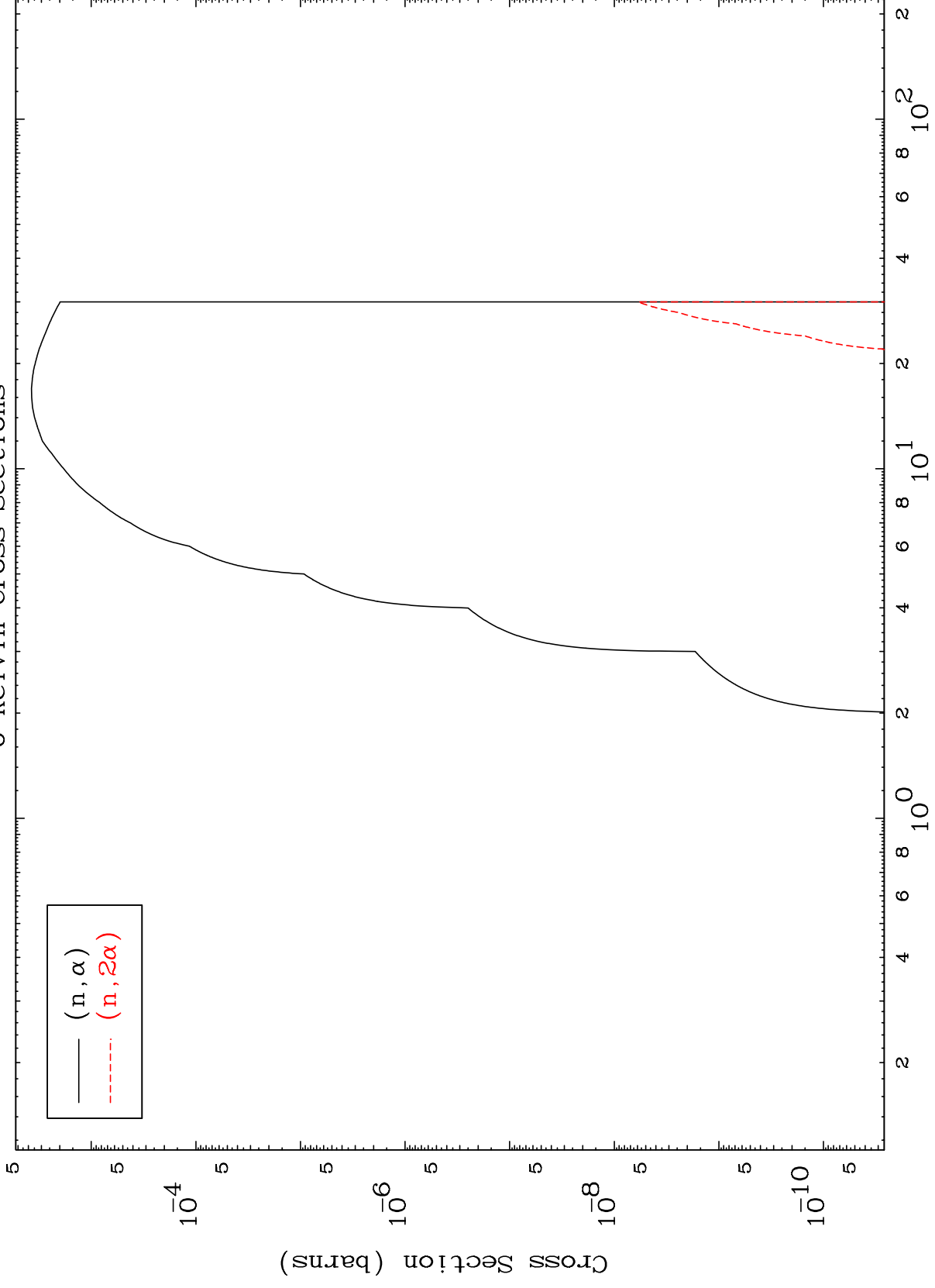
52-Te-129

MAT 5252

(d, α) Levels

52-Te-129

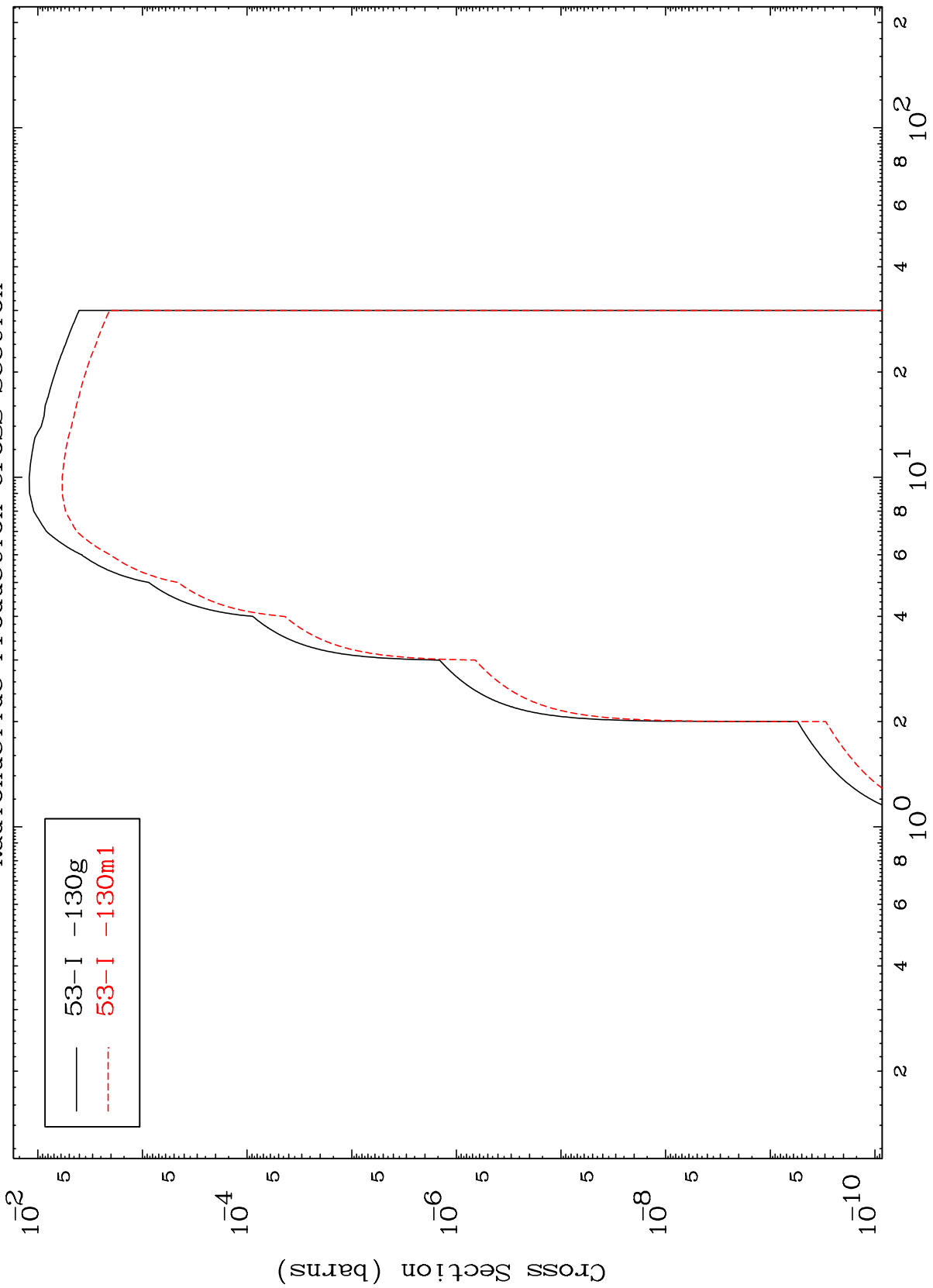
0 Kelvin Cross Sections



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52-Te-129

Inelastic
Radionuclide Production Cross Section

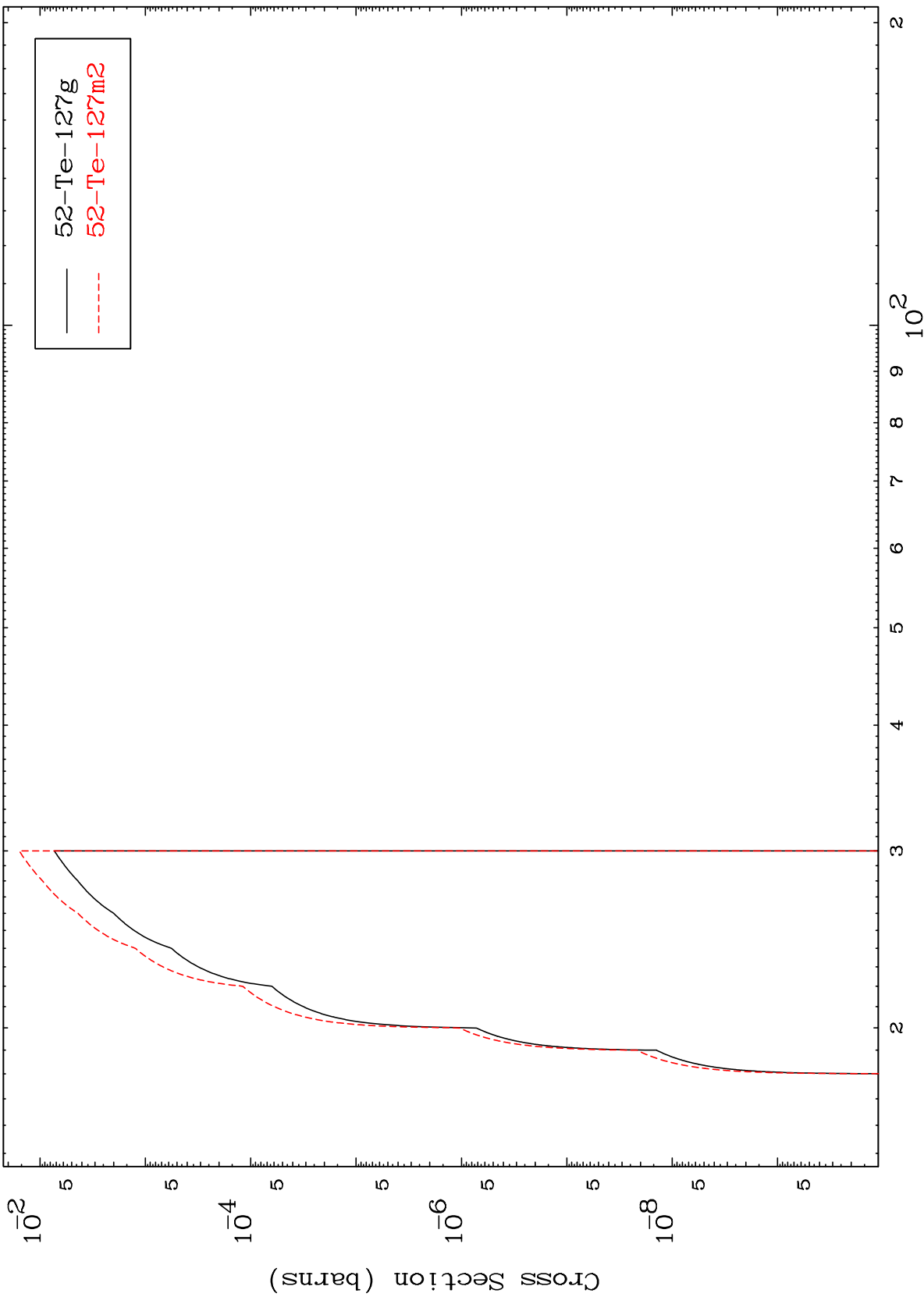


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(n,2n) d

52-Te-129

Radionuclide Production Cross Section

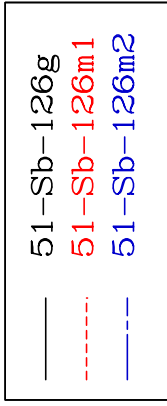
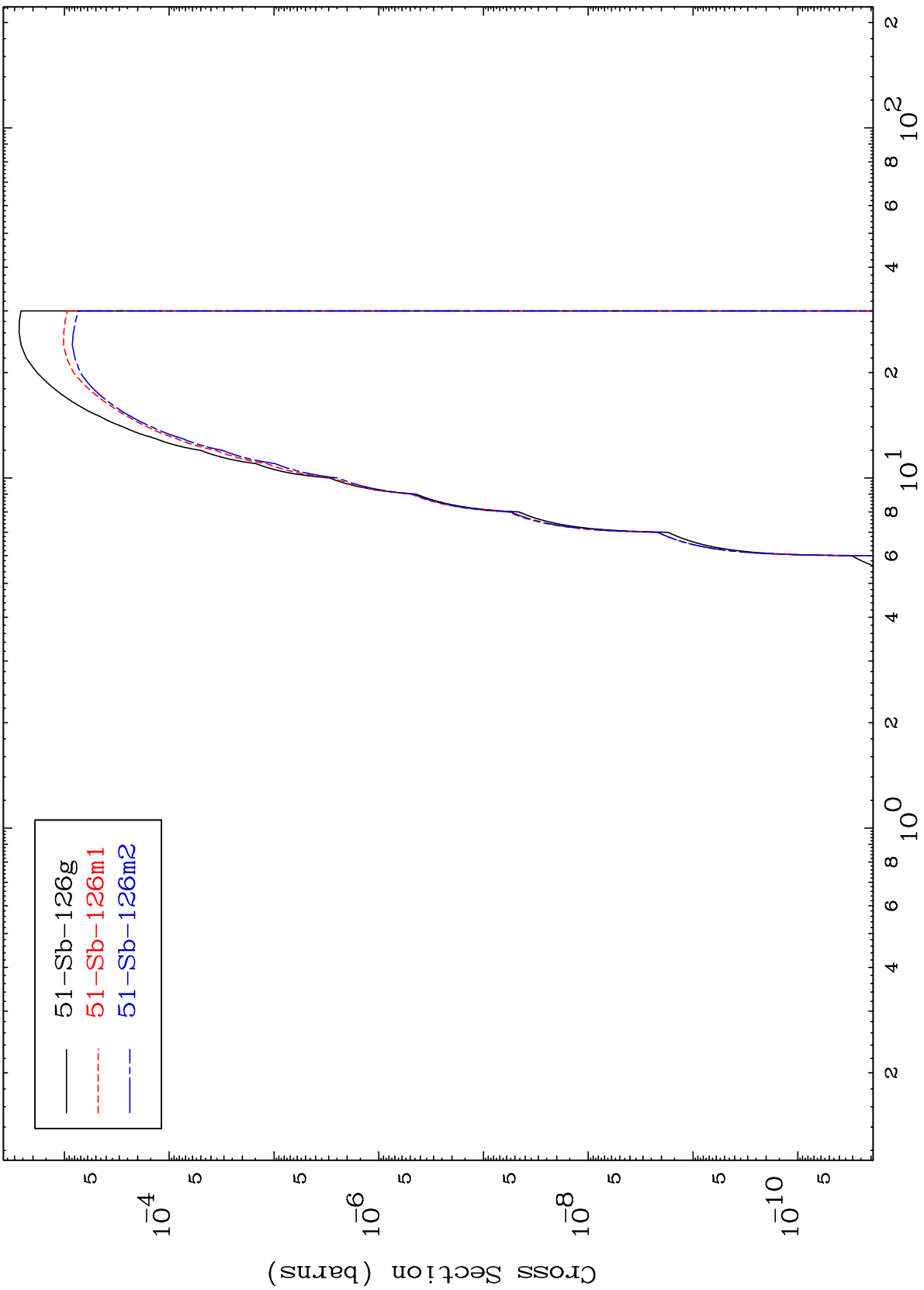


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$(n, n') \alpha$

52-Te-129

Radionuclide Production Cross Section

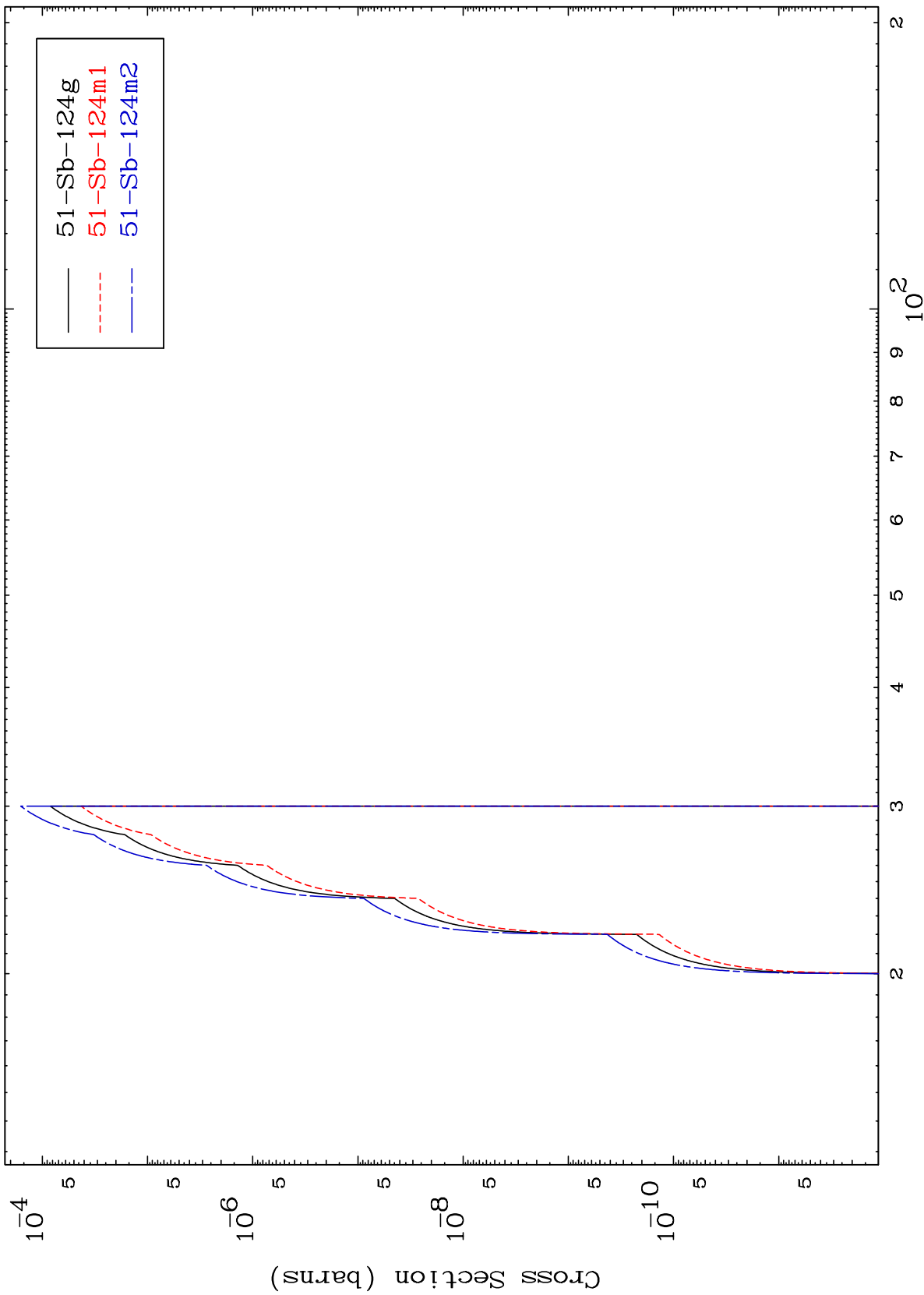


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(n,3n) α

52-Te-129

Radionuclide Production Cross Section



15

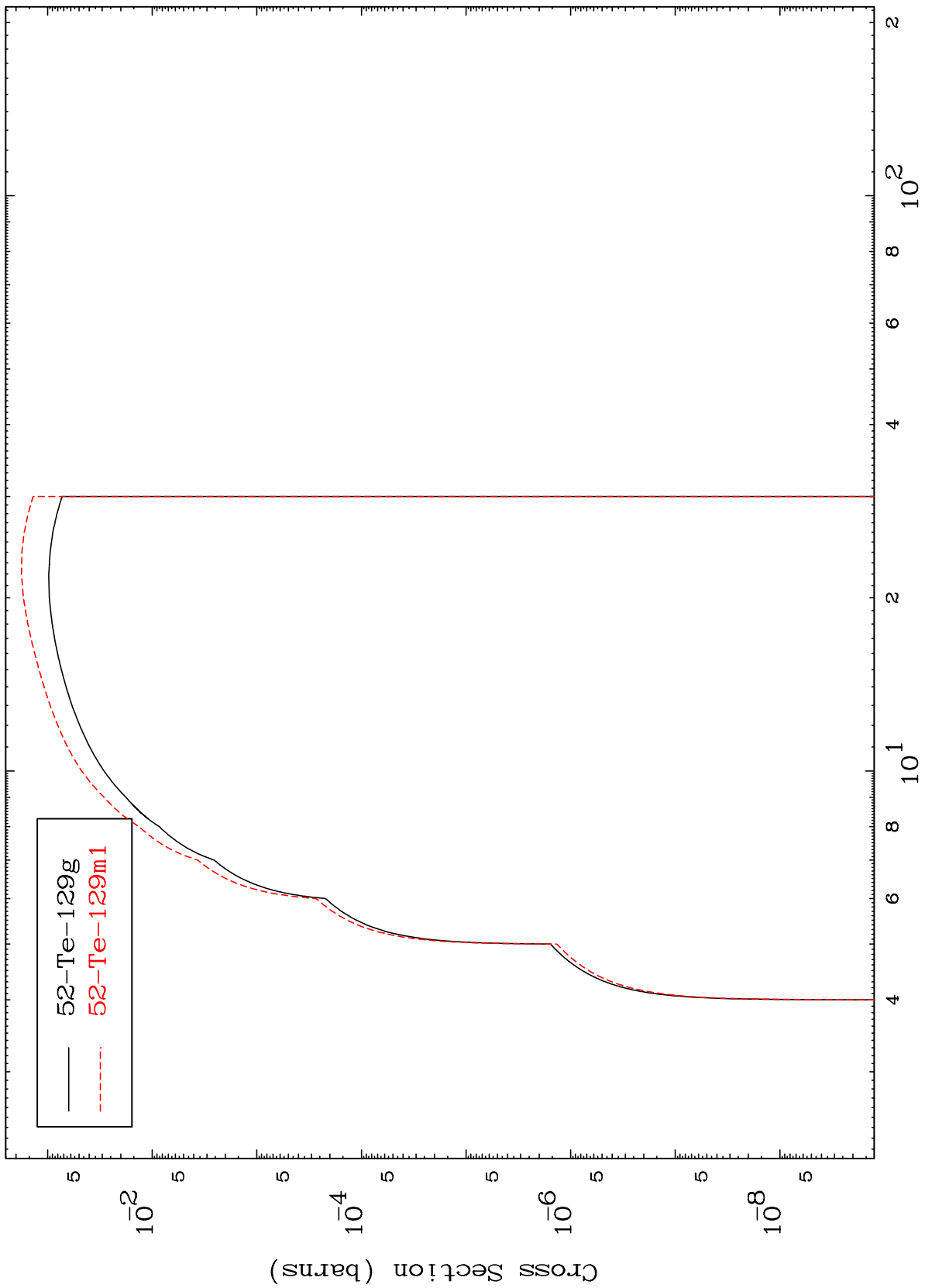
Incident Energy (MeV)

52-Te-129

MAT 5252

52-Te-129

(n,n') p
Radionuclide Production Cross Section

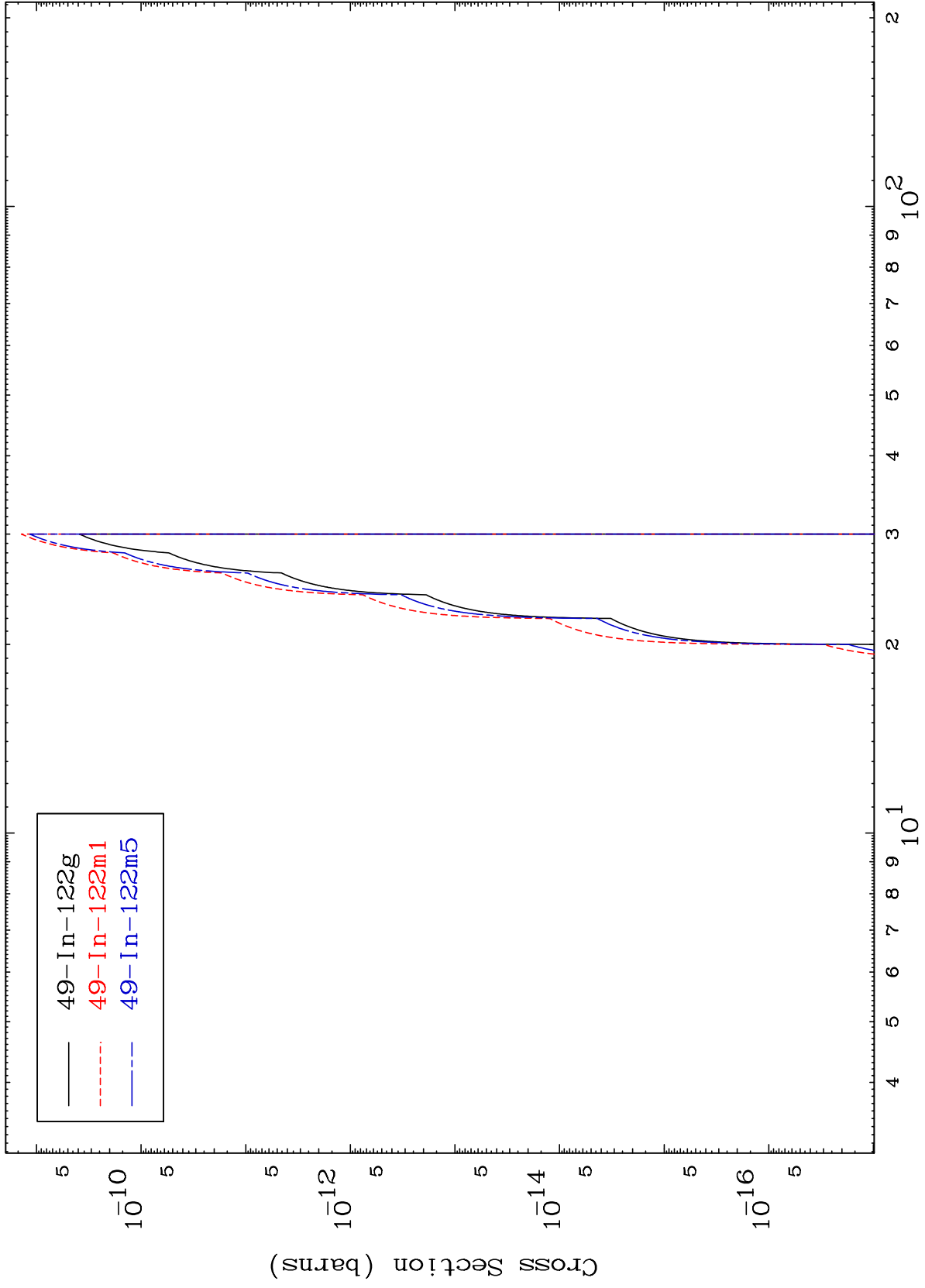


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(n,n') 2α

52-Te-129

Radionuclide Production Cross Section



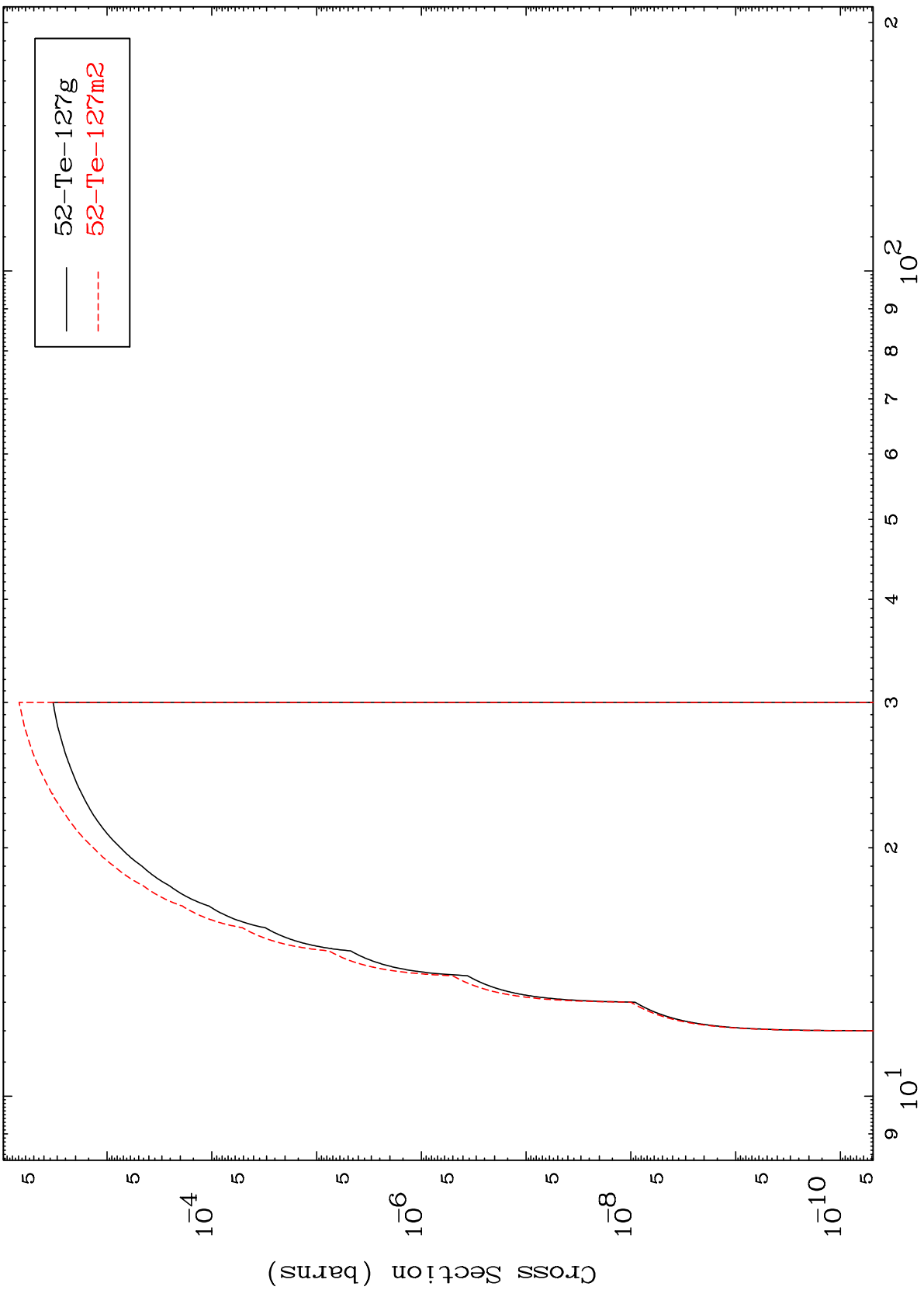
49-In-122g
49-In-122m1
49-In-122m5

MAT 5252

(n,n') t

52-Te-129

Radionuclide Production Cross Section

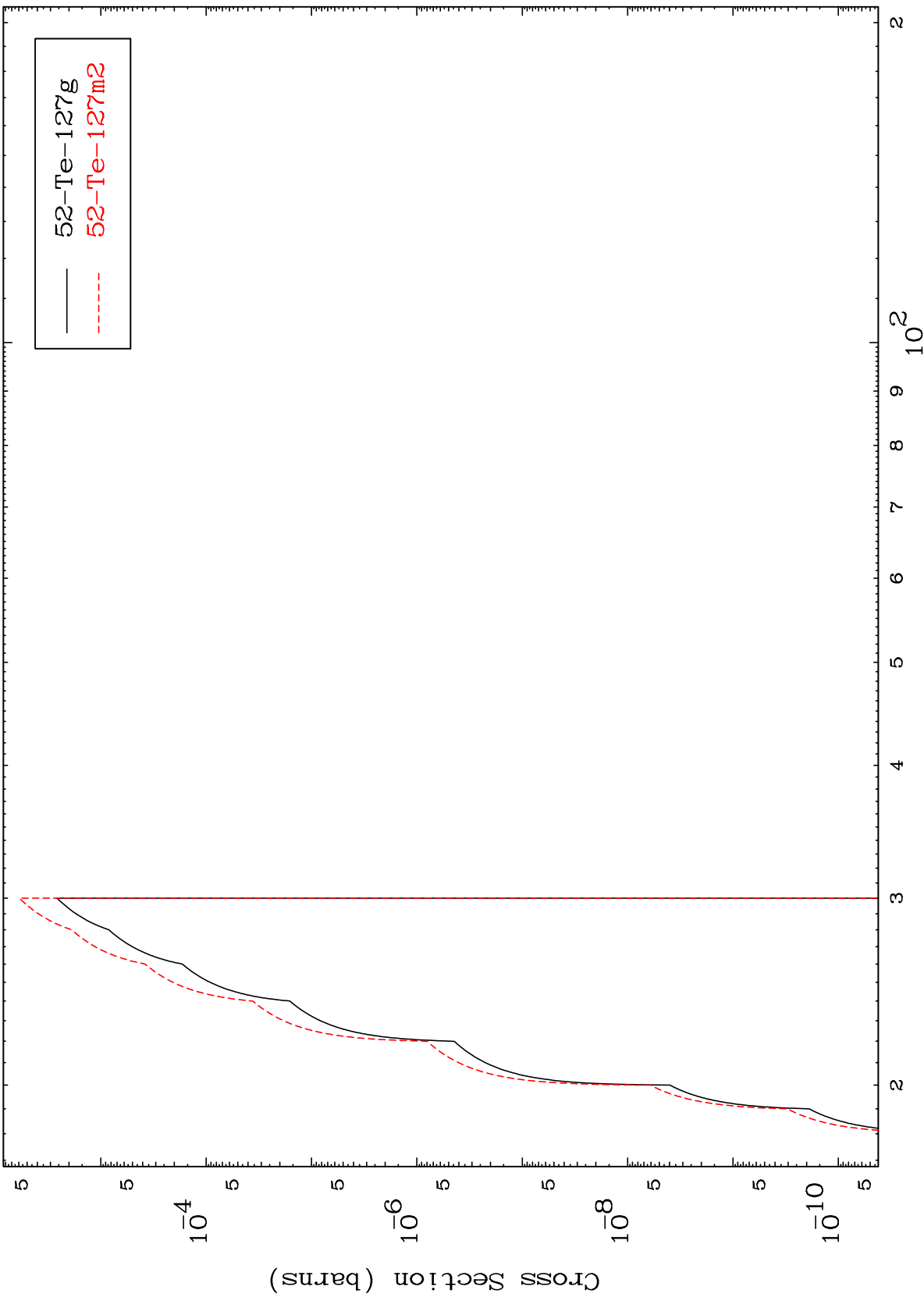


18

Incident Energy (MeV)

52-Te-129

Radionuclide Production Cross Section



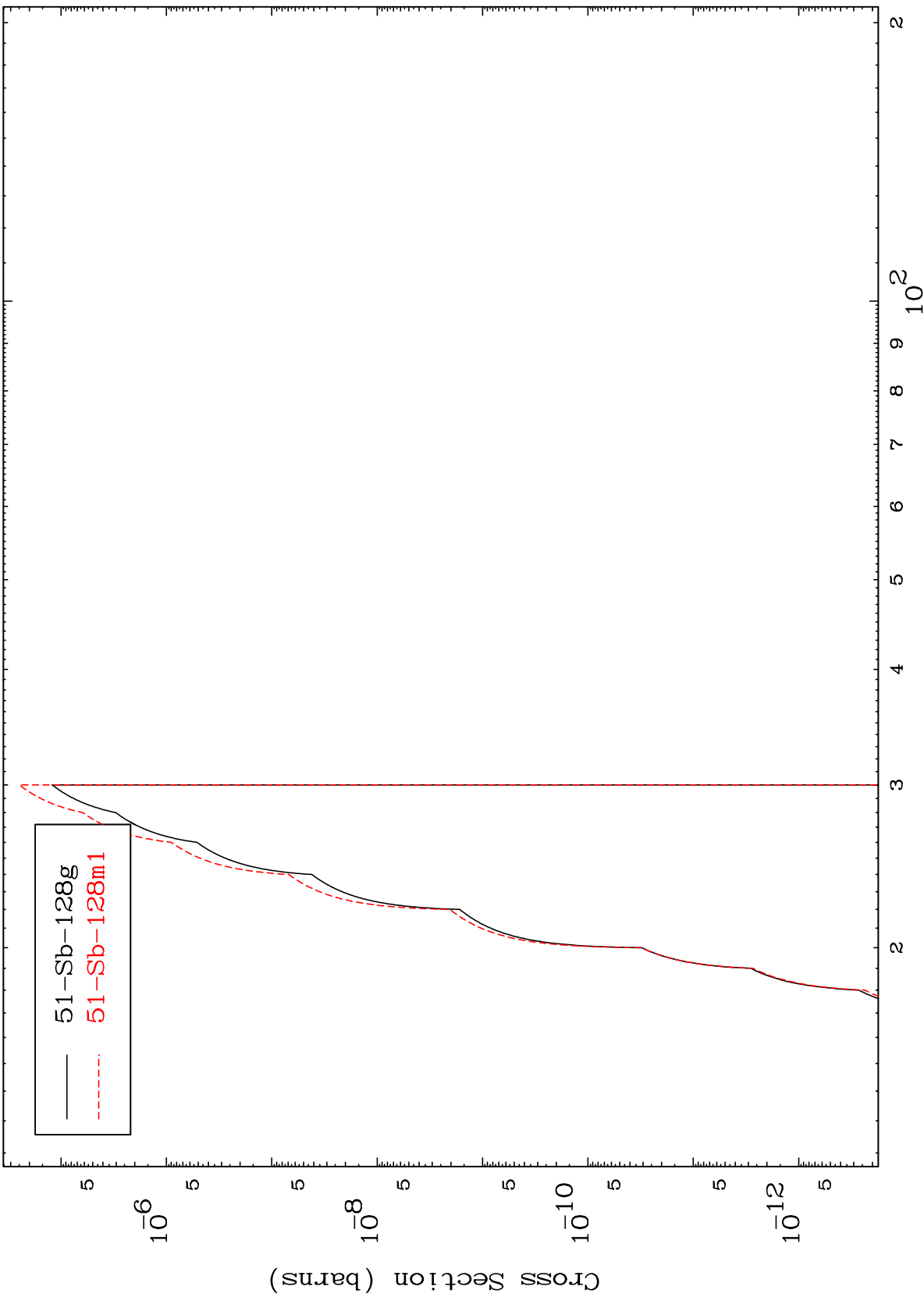
52-Te-127g
52-Te-127m2

MAT 5252

(n,2n) p

52-Te-129

Radionuclide Production Cross Section



20

Incident Energy (MeV)

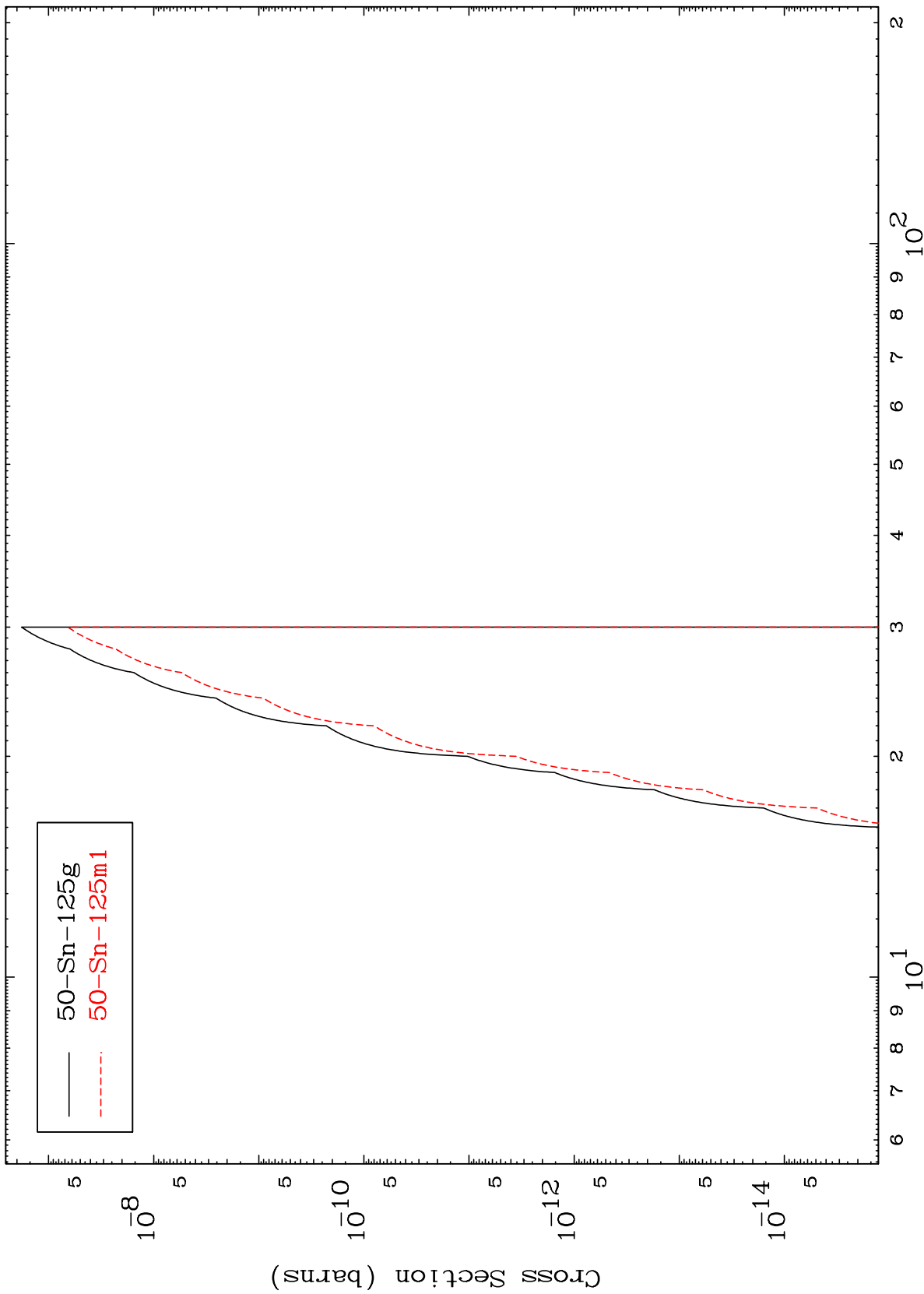
52-Te-129

MAT 5252

(n,n') p α

52-Te-129

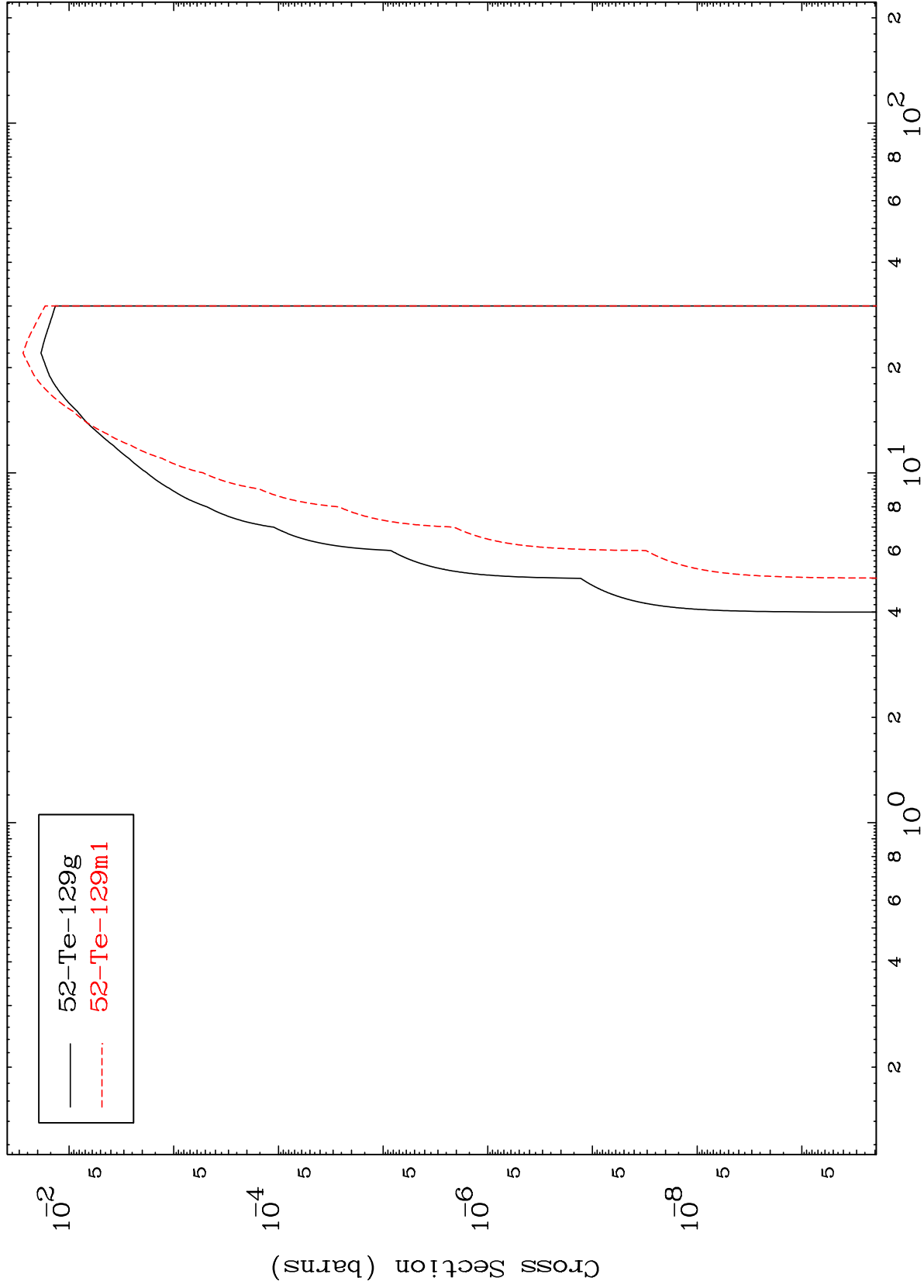
Radionuclide Production Cross Section



MAT 5252

52-Te-129

(n,d)
Radionuclide Production Cross Section



52-Te-129

Incident Energy (MeV)

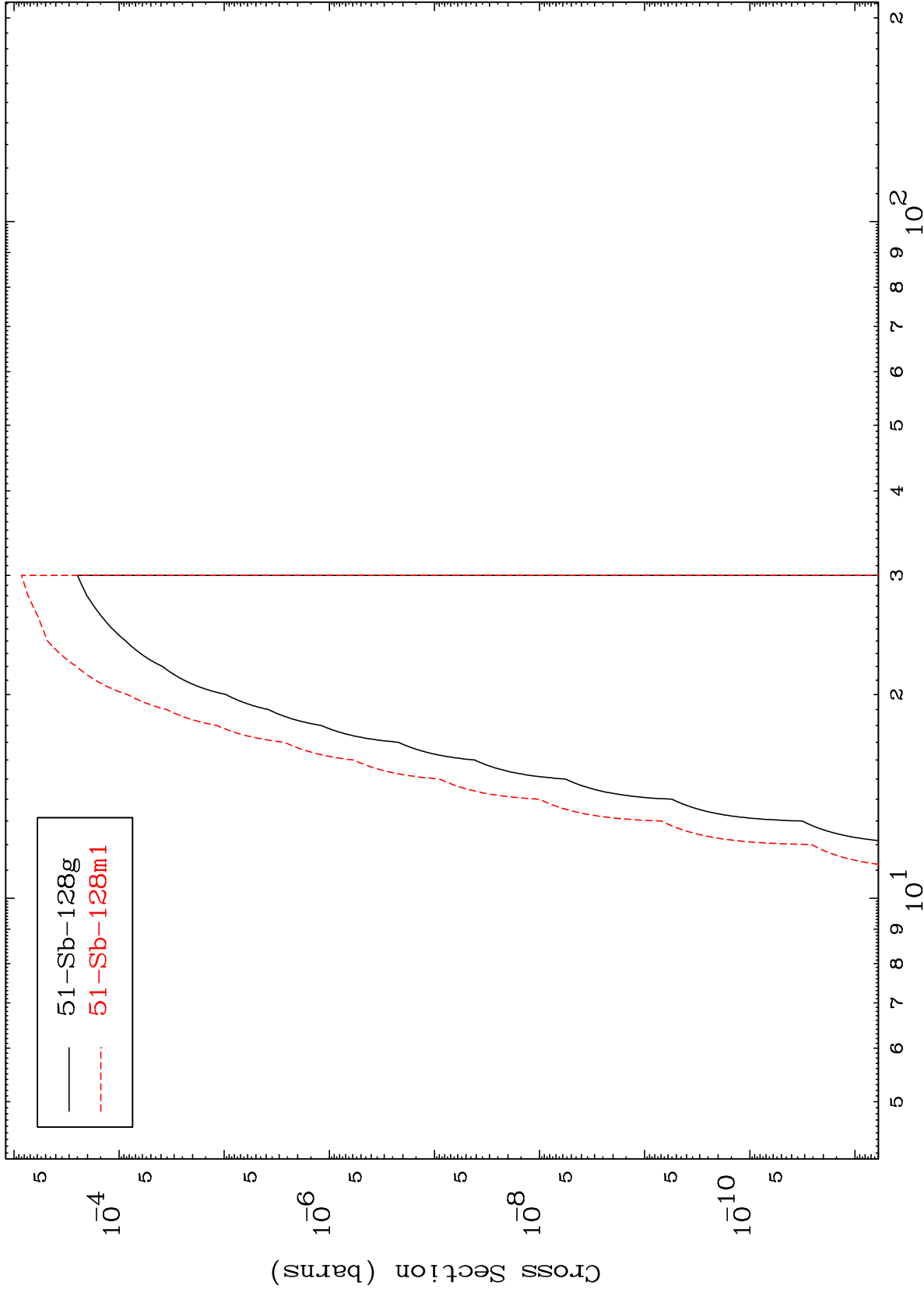
22

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(n,He-3)

52-Te-129

Radionuclide Production Cross Section



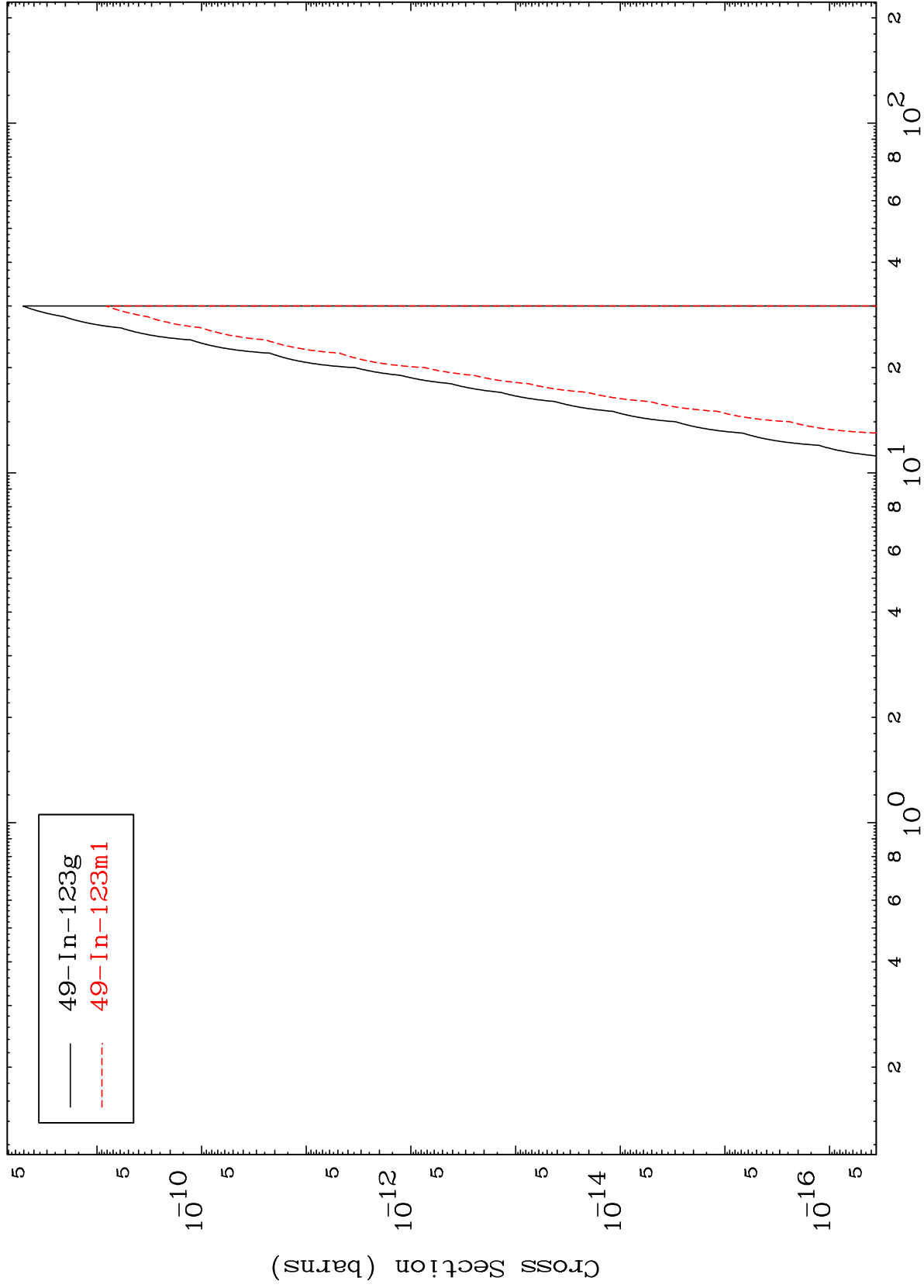
51-Sb-128g
51-Sb-128m1

MAT 5252

(n,2α)

52-Te-129

Radionuclide Production Cross Section



24

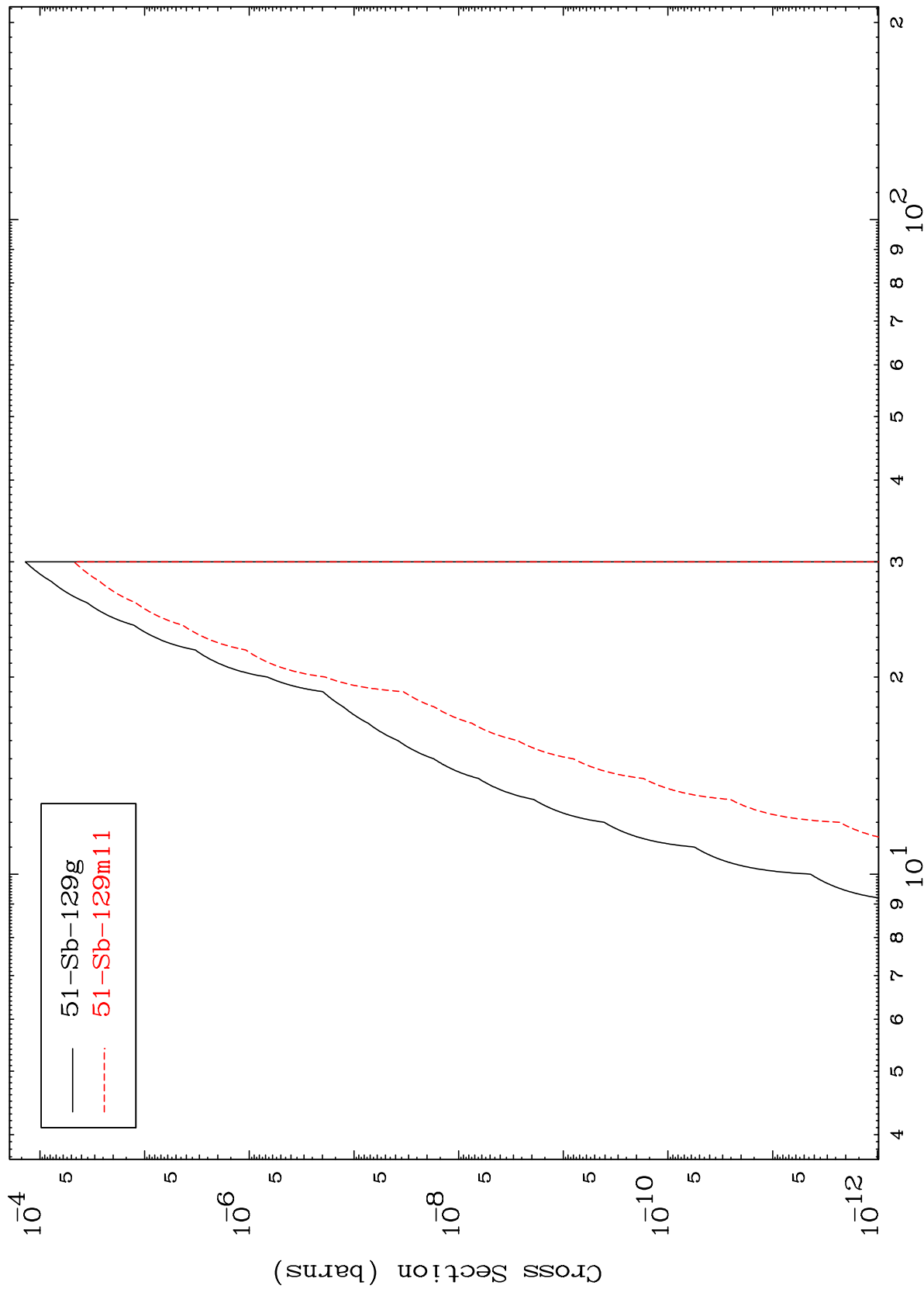
Incident Energy (MeV)

52-Te-129

MAT 5252

52-Te-129

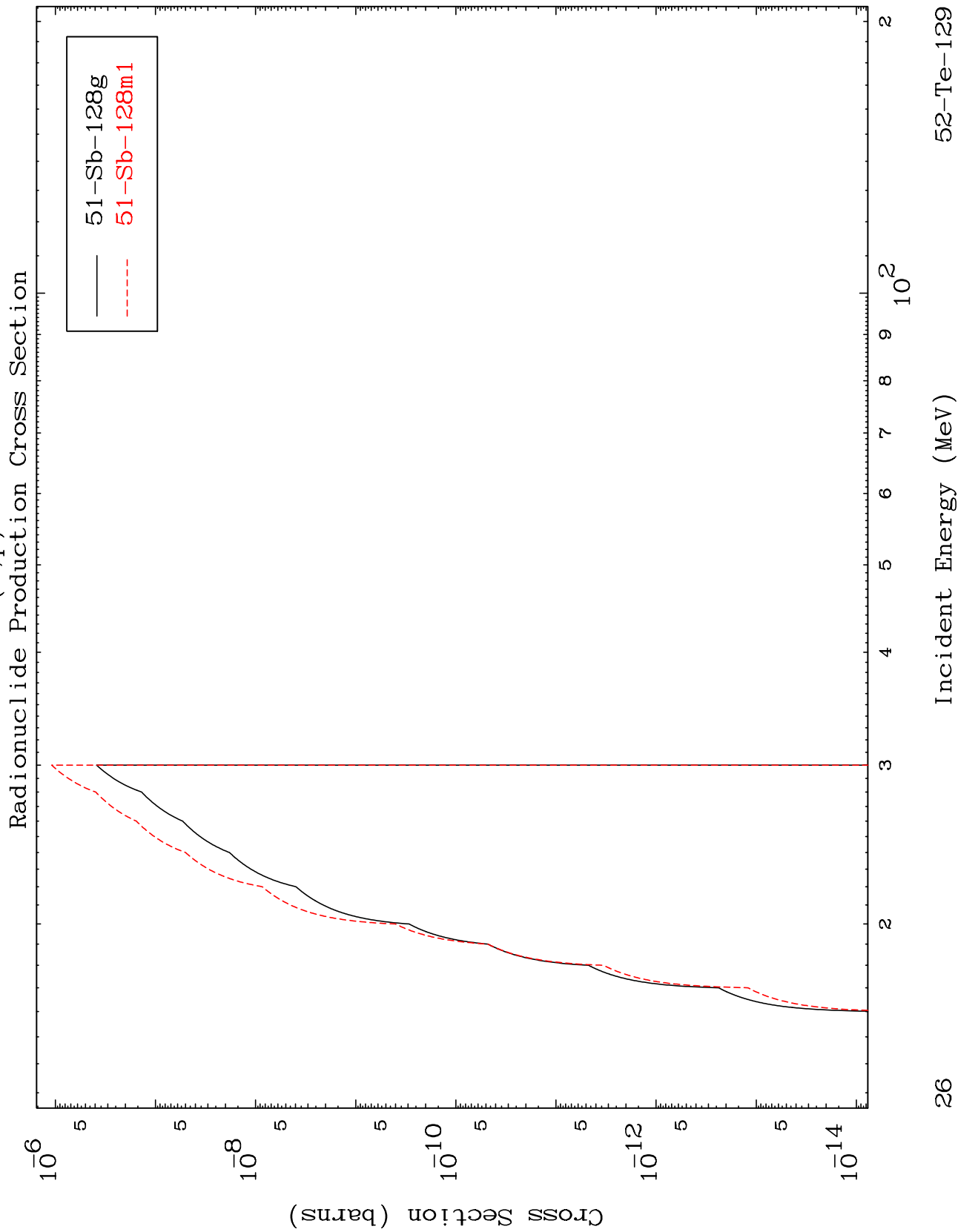
(n,2p)
Radionuclide Production Cross Section



25

Incident Energy (MeV)

52-Te-129

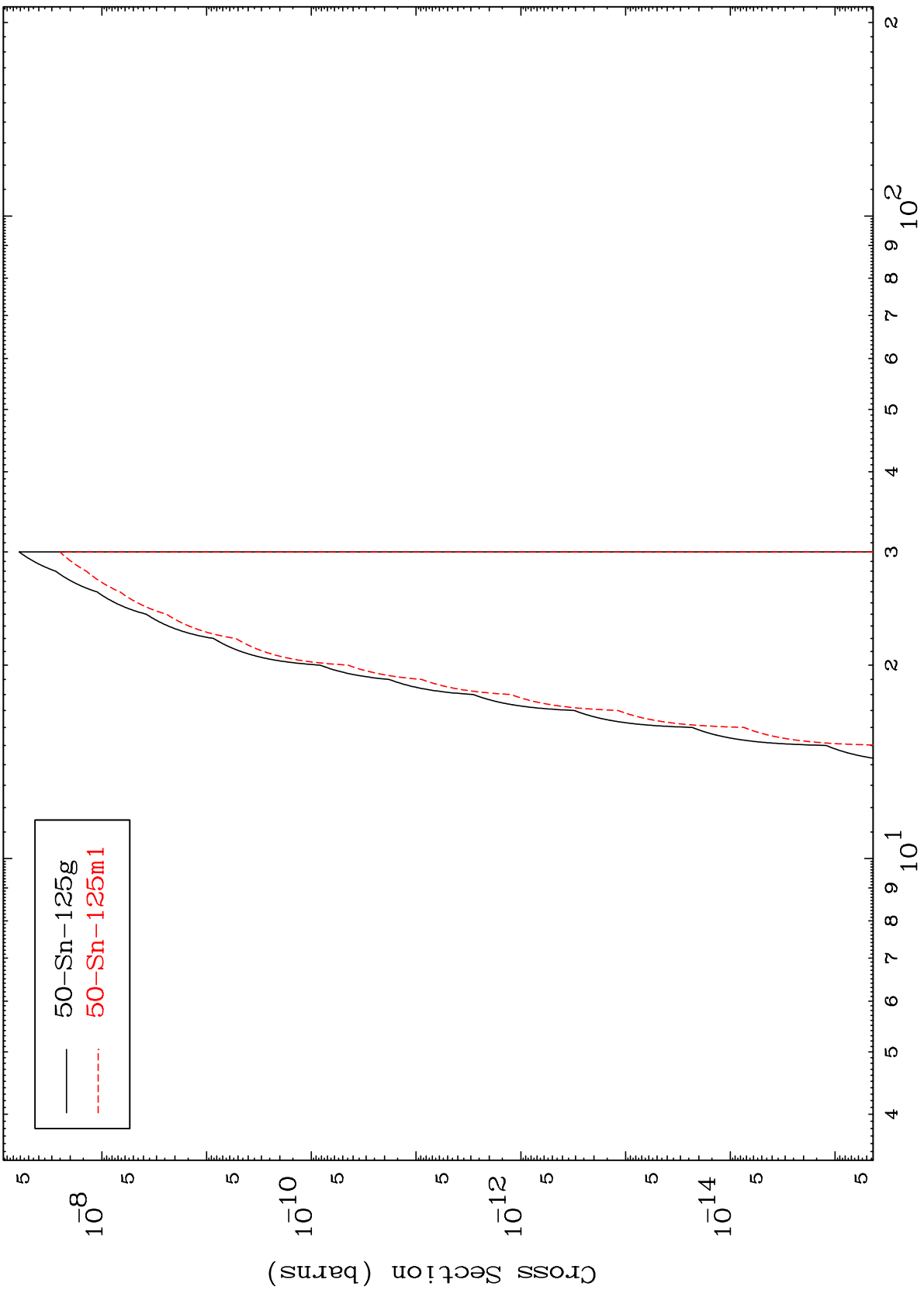


MAT 5252

(n,d) α

52-Te-129

Radionuclide Production Cross Section



27

Incident Energy (MeV)

52-Te-129