

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

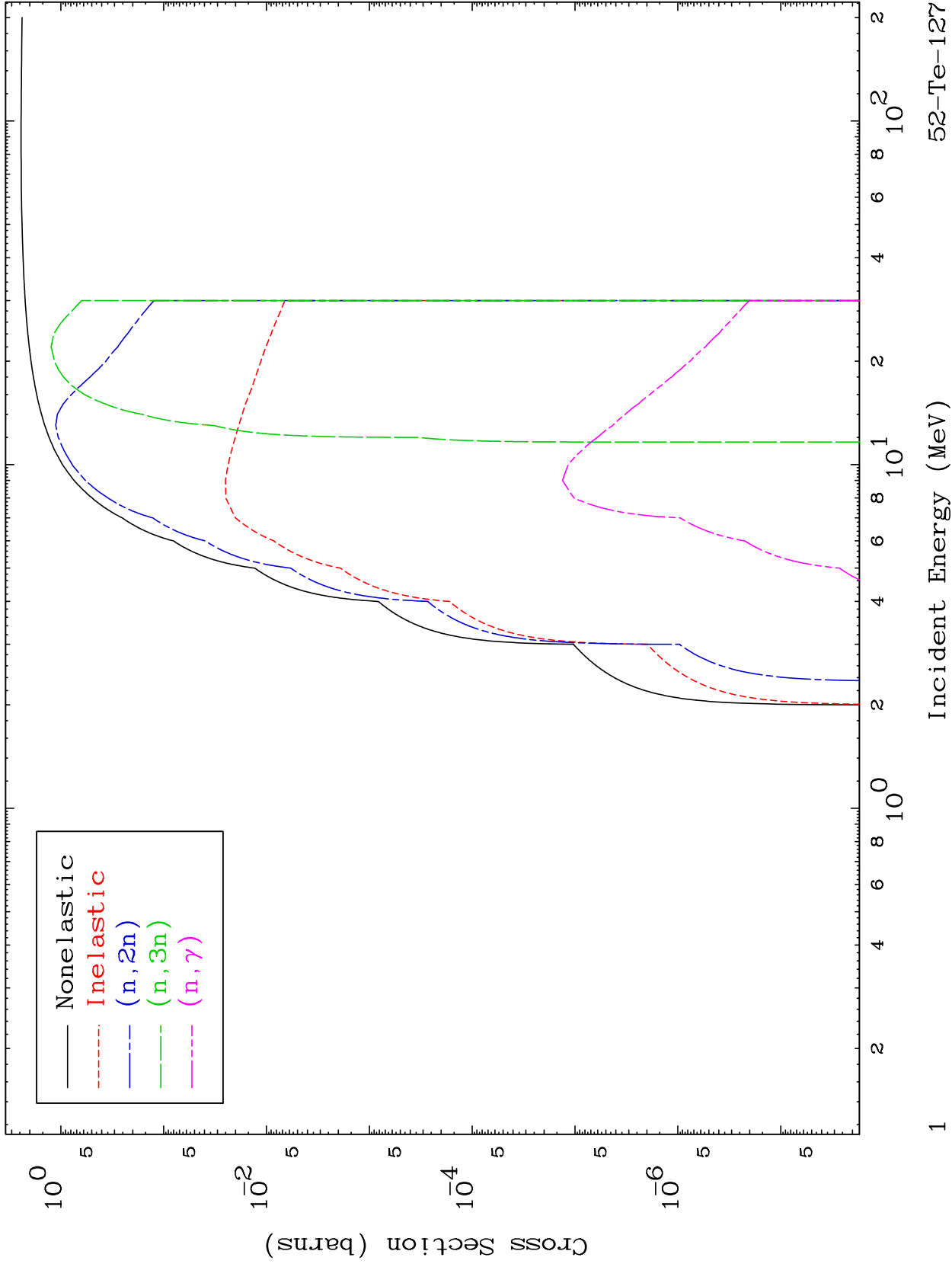
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

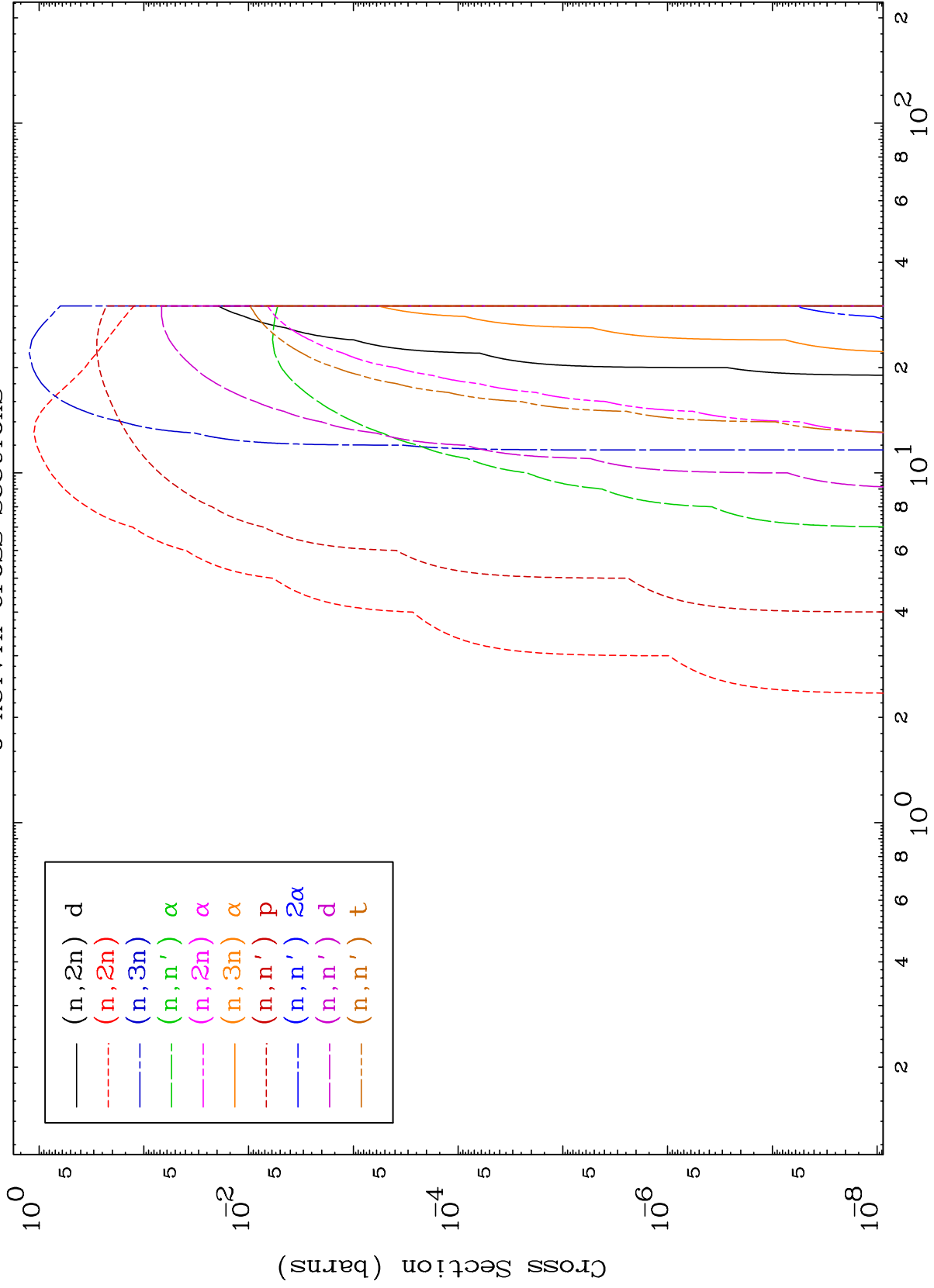
Press Mouse Button to Start



MAT 5246

Deuteron Neutron Absorption
0 Kelvin Cross Sections

52-Te-127



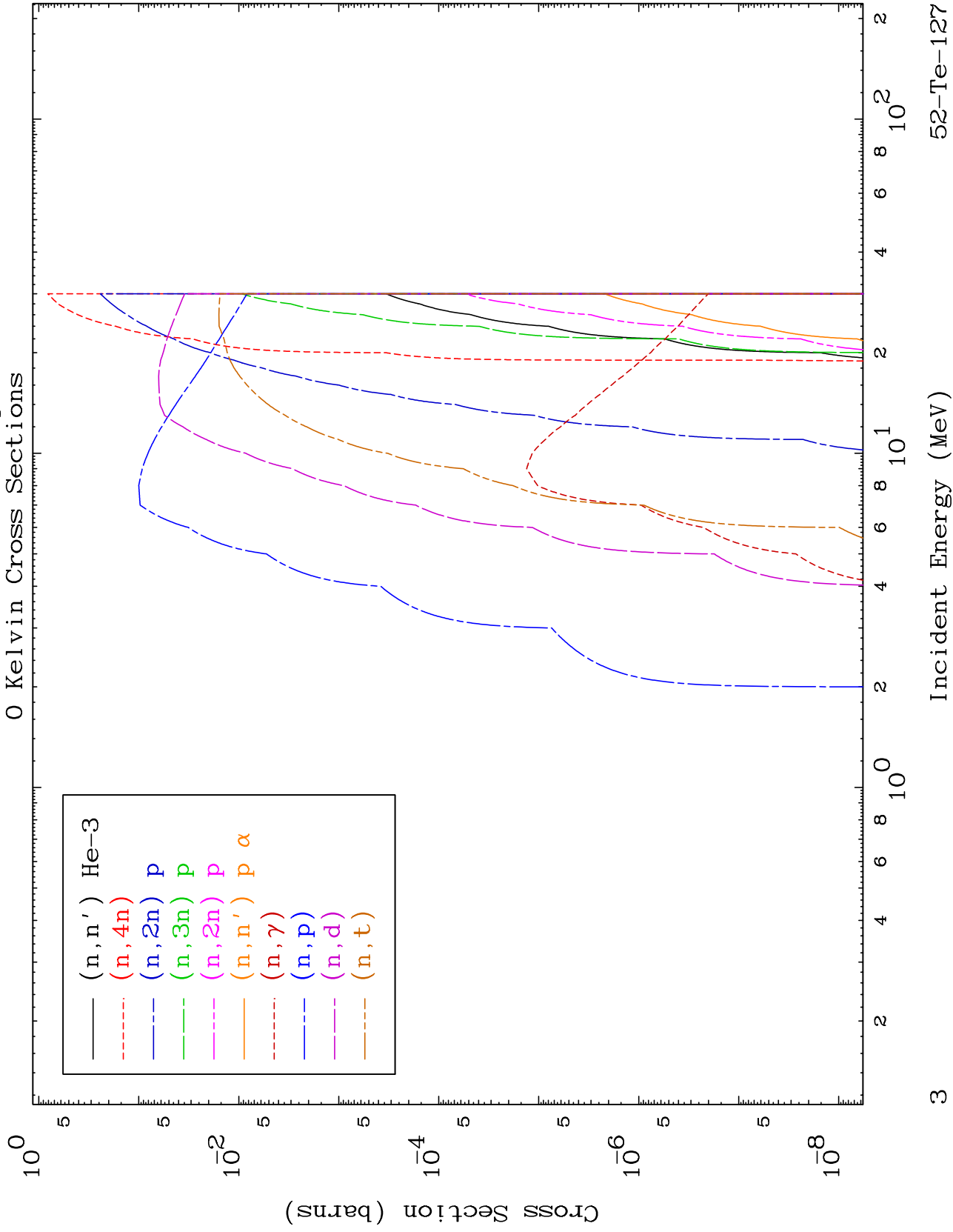
52-Te-127

Incident Energy (MeV)

MAT 5246

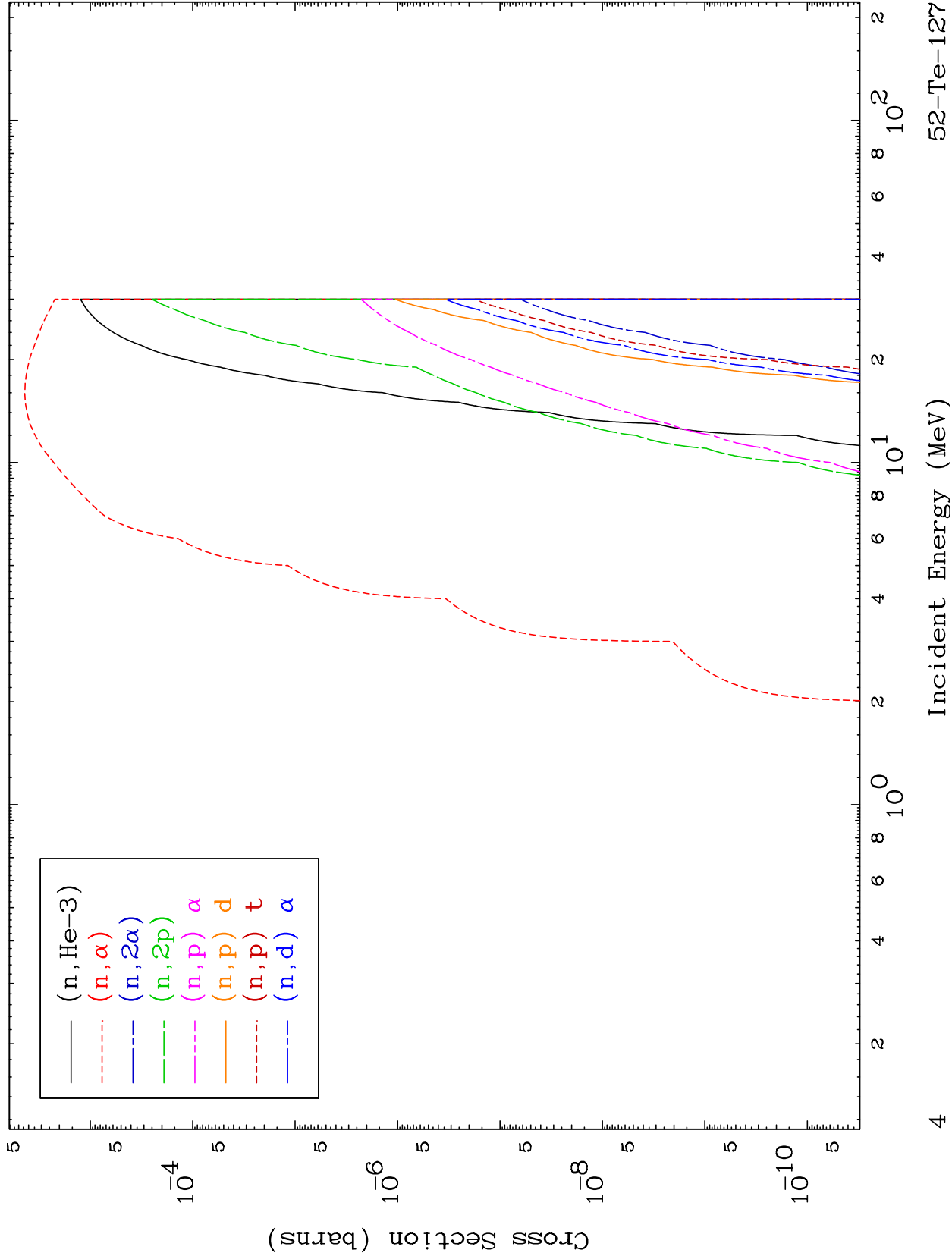
Deuteron Neutron Absorption
0 Kelvin Cross Sections

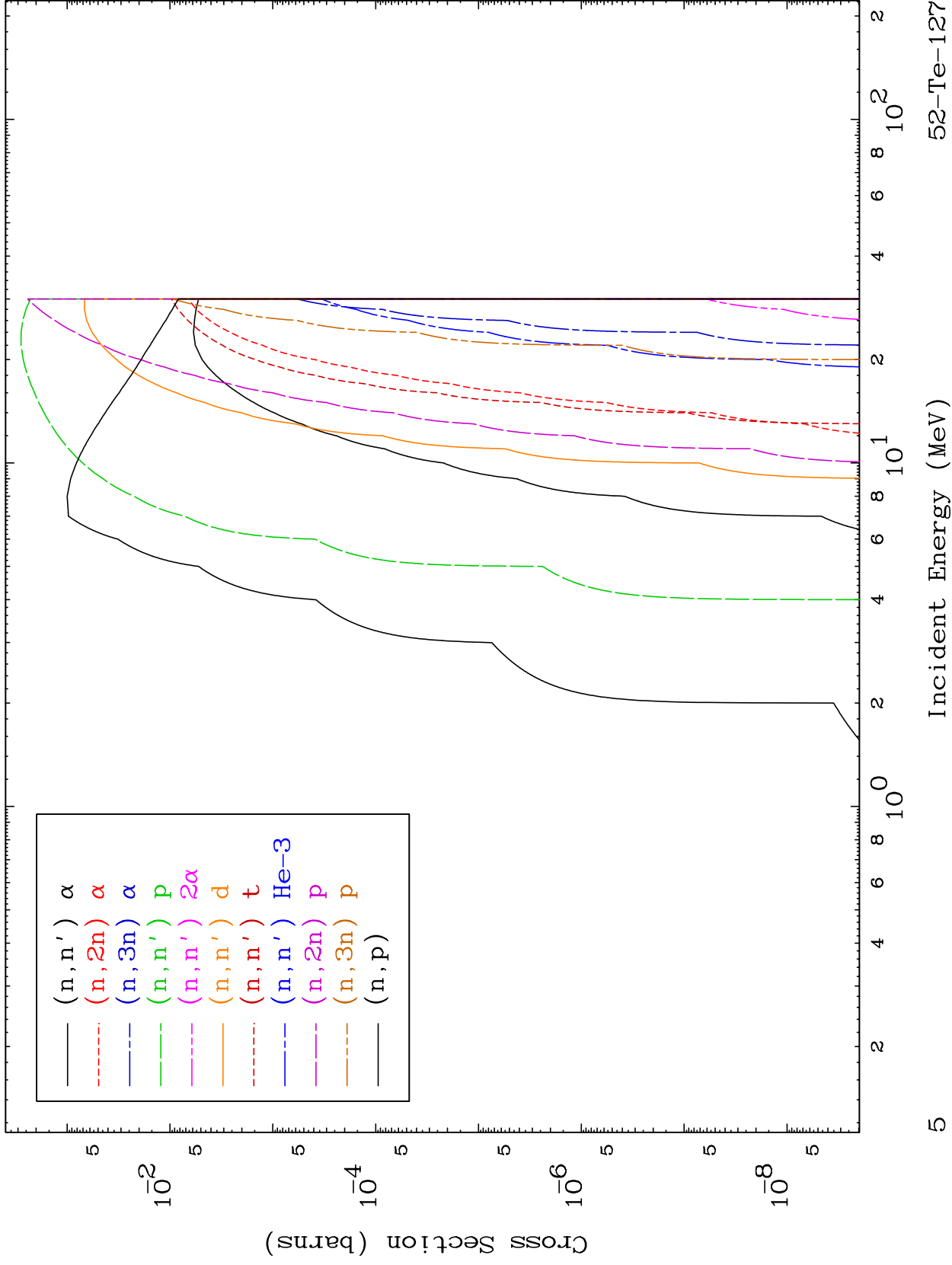
52-Te-127

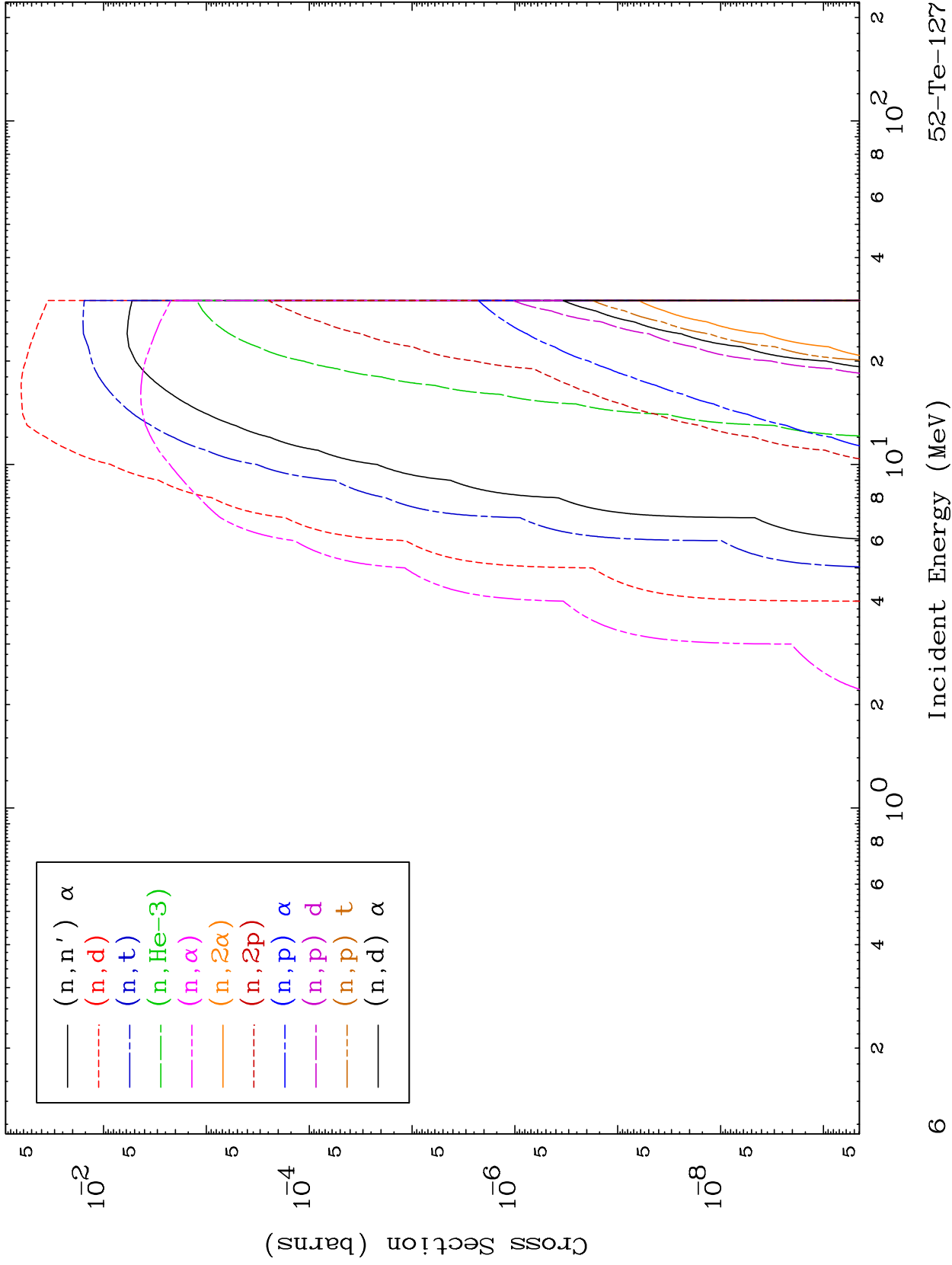


52-Te-127

Incident Energy (MeV)



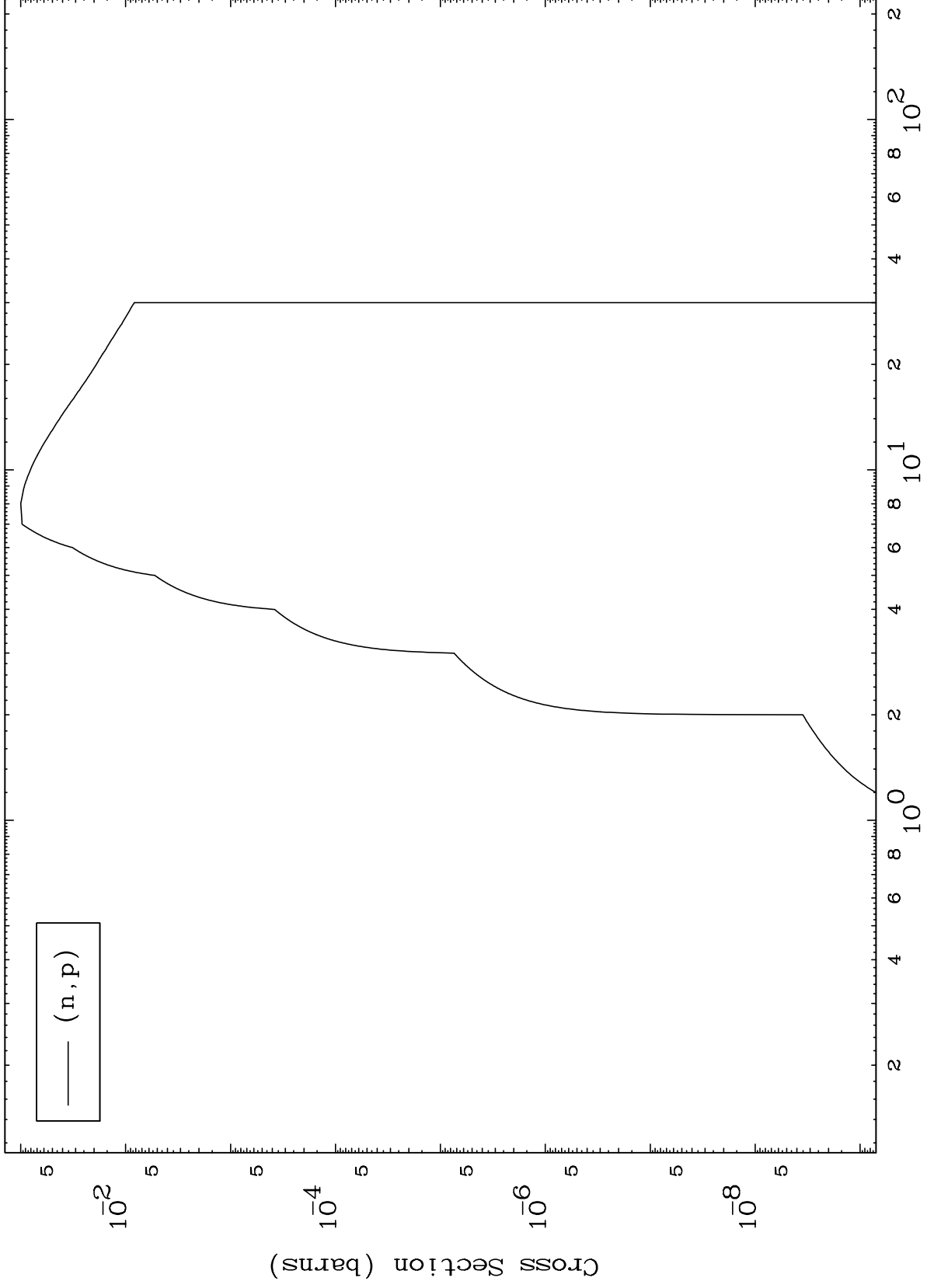




MAT 5246

(d,p) Levels
0 Kelvin Cross Sections

52-Te-127

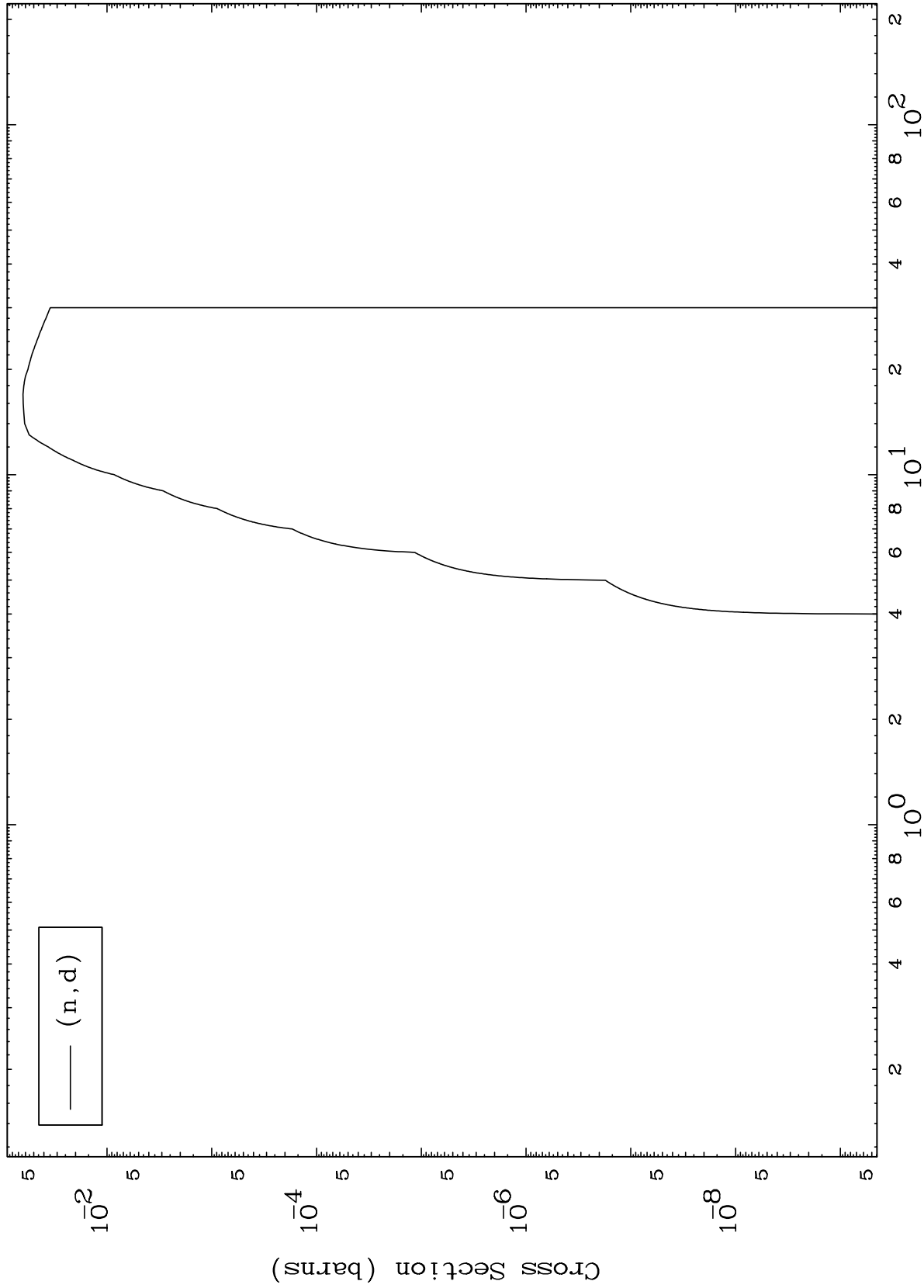


MAT 5246

(d,d) Levels

52-Te-127

0 Kelvin Cross Sections

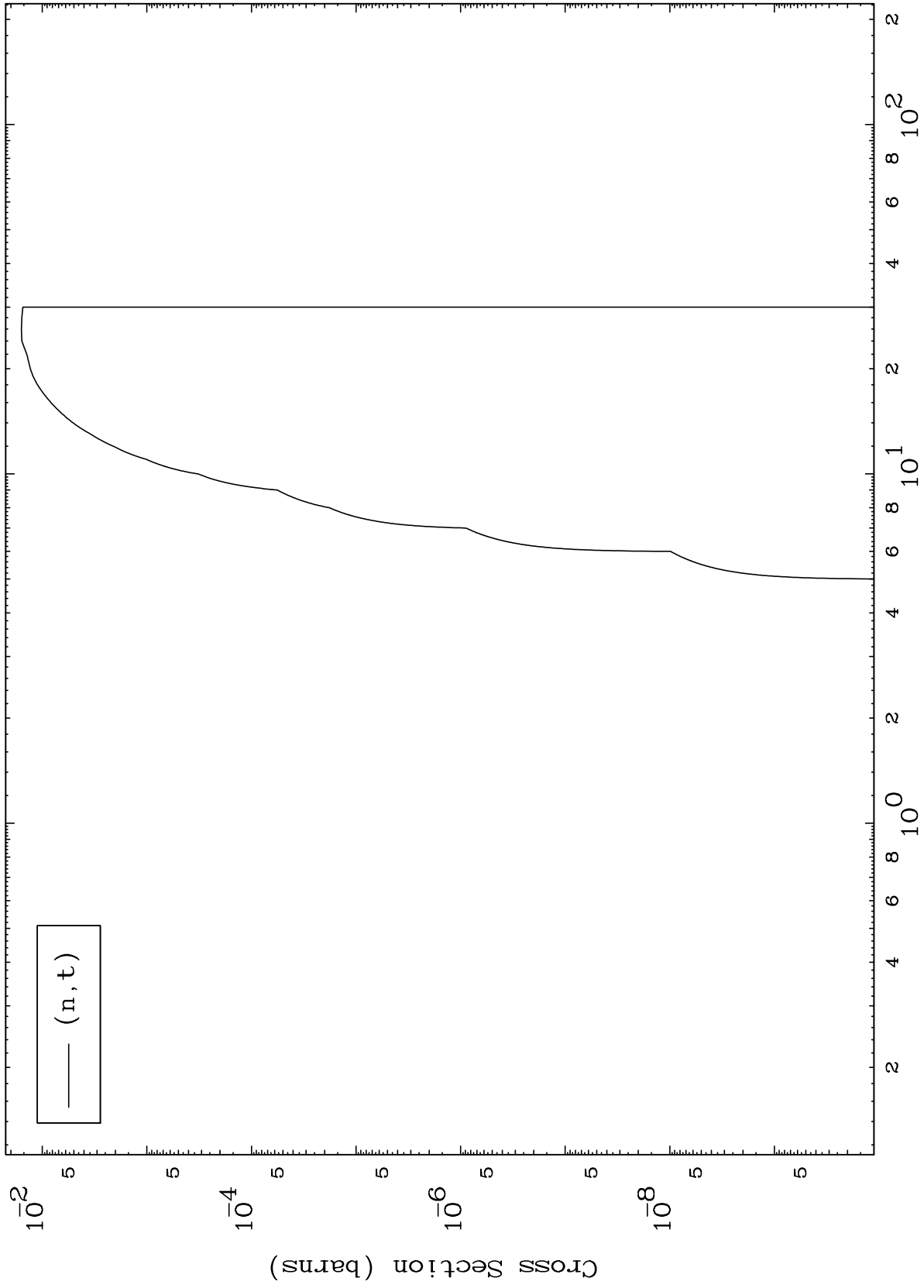


MAT 5246

(d, t) Levels

52-Te-127

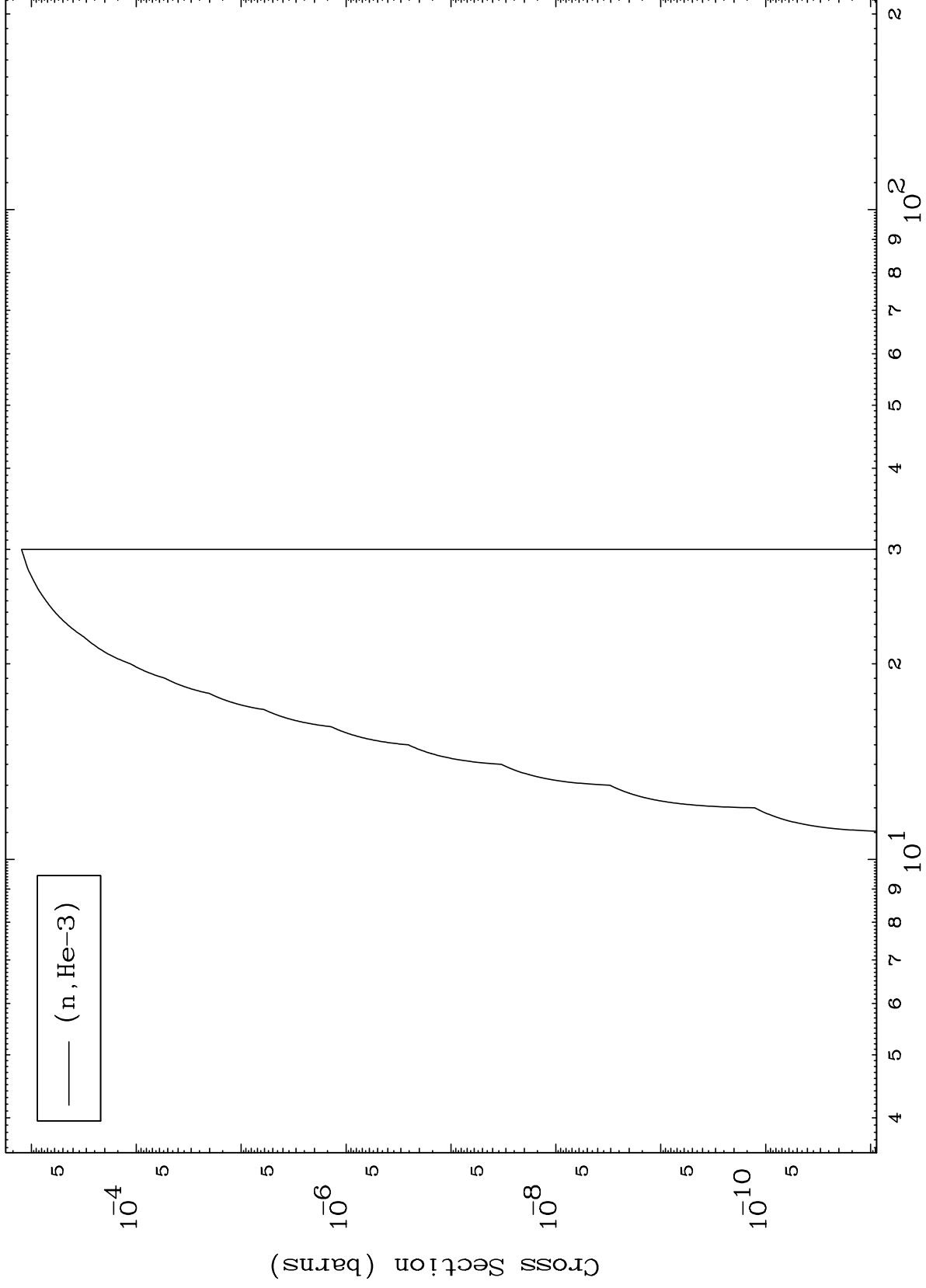
0 Kelvin Cross Sections



MAT 5246

(d,He3) Levels
0 Kelvin Cross Sections

52-Te-127



10

Incident Energy (MeV)

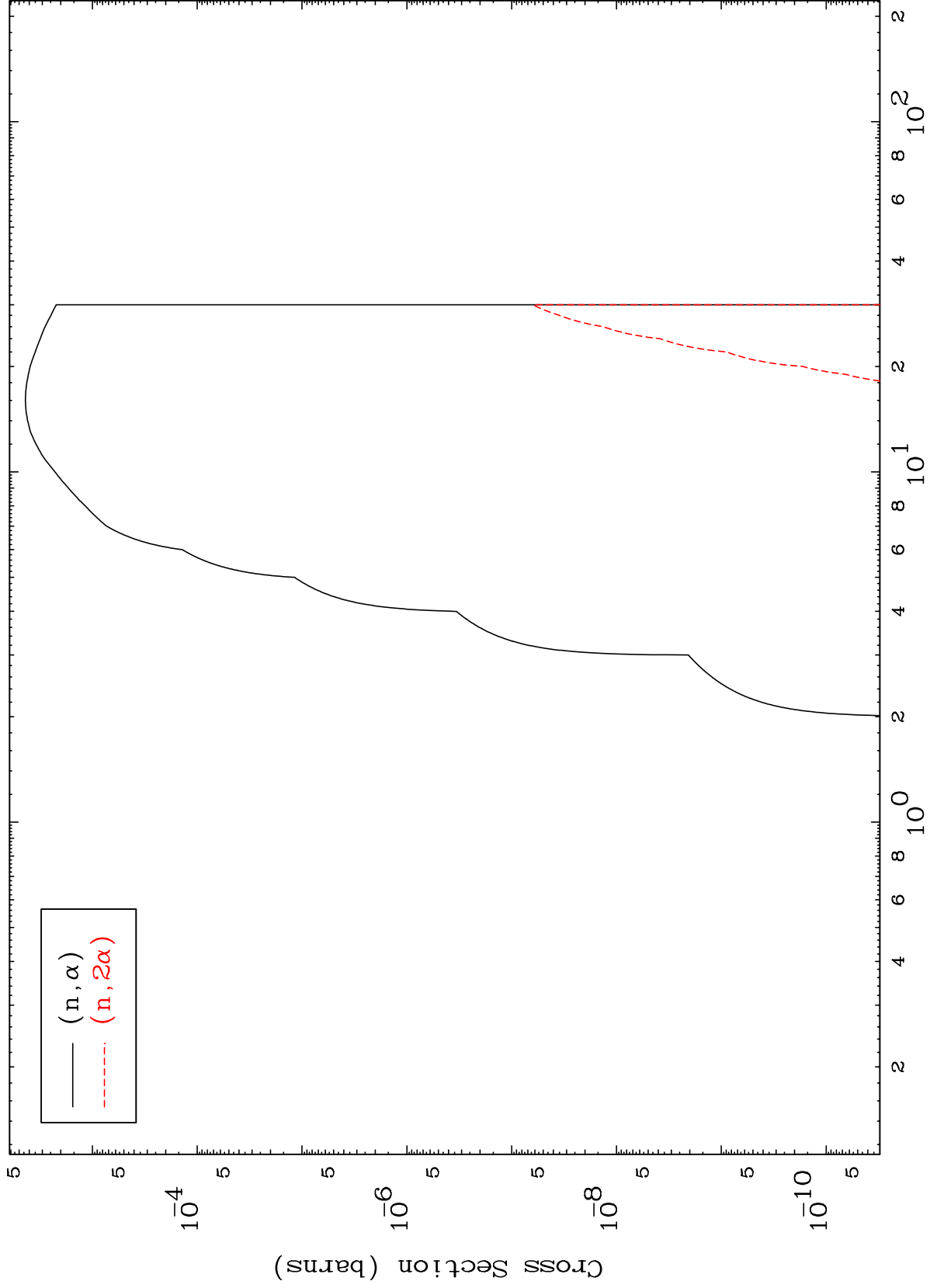
52-Te-127

MAT 5246

(d, α) Levels

52-Te-127

0 Kelvin Cross Sections

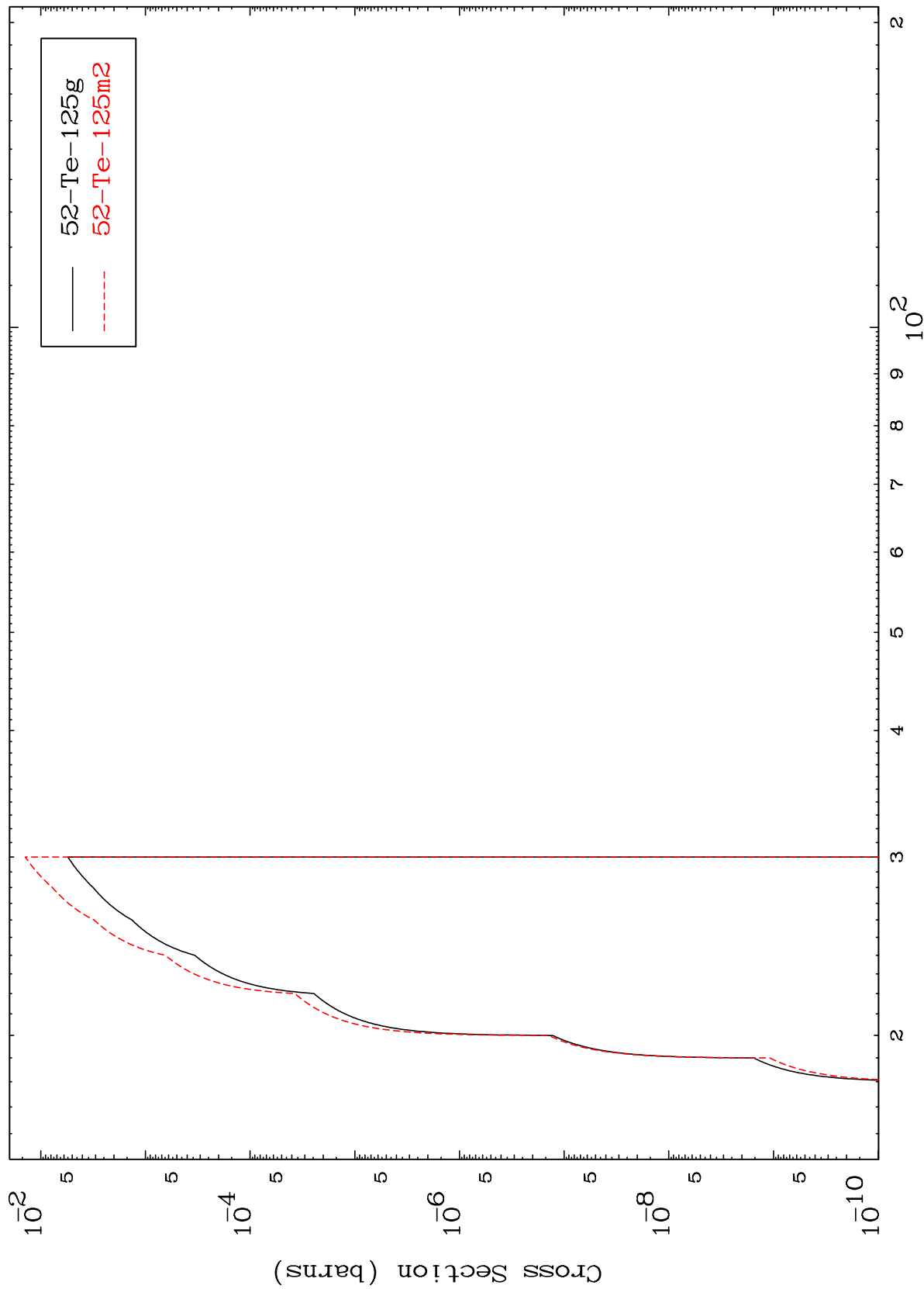


MAT 5246

(n,2n) d

52-Te-127

Radionuclide Production Cross Section



12

Incident Energy (MeV)

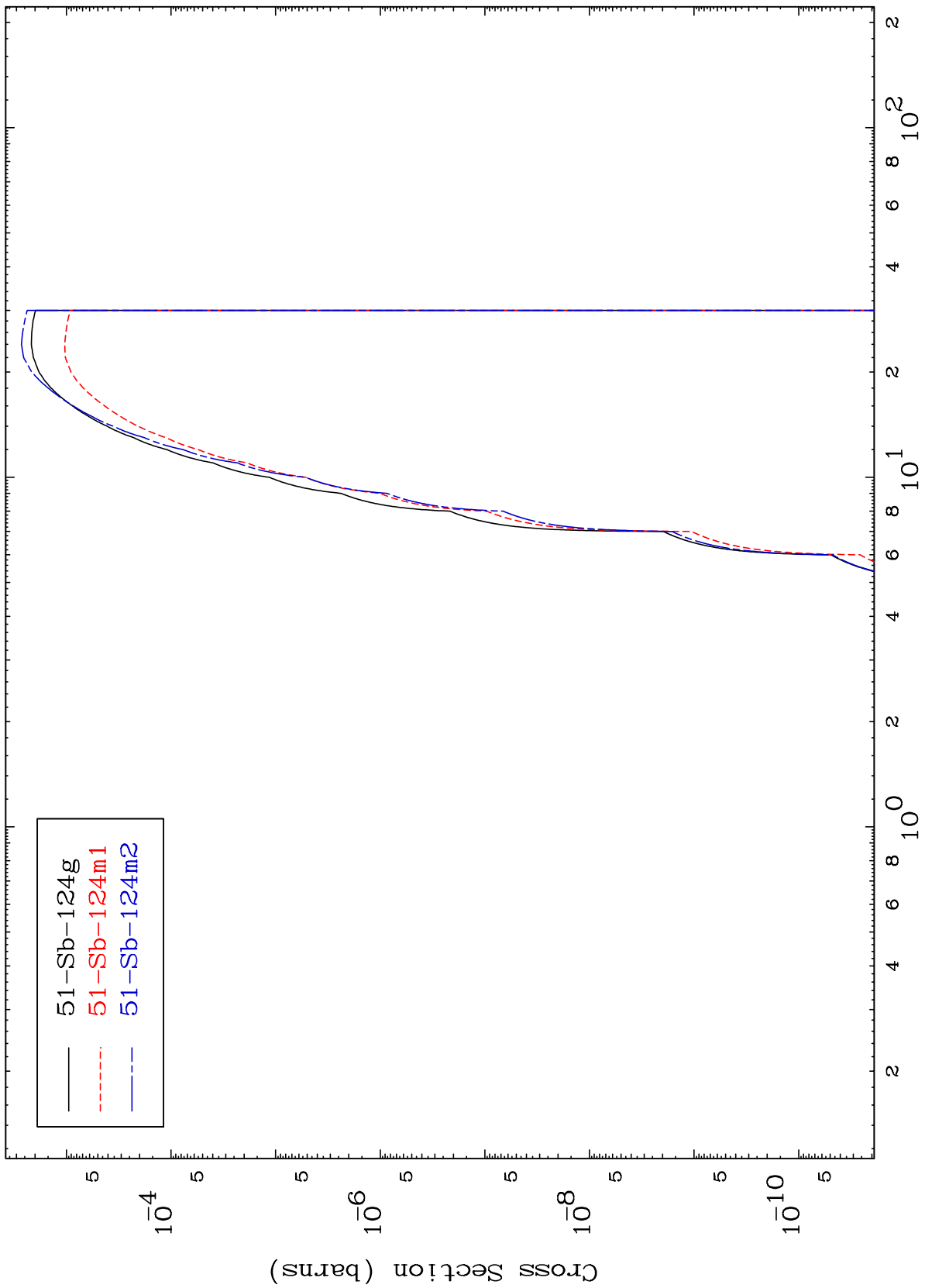
52-Te-127

MAT 5246

$(n, n') \alpha$

52-Te-127

Radionuclide Production Cross Section

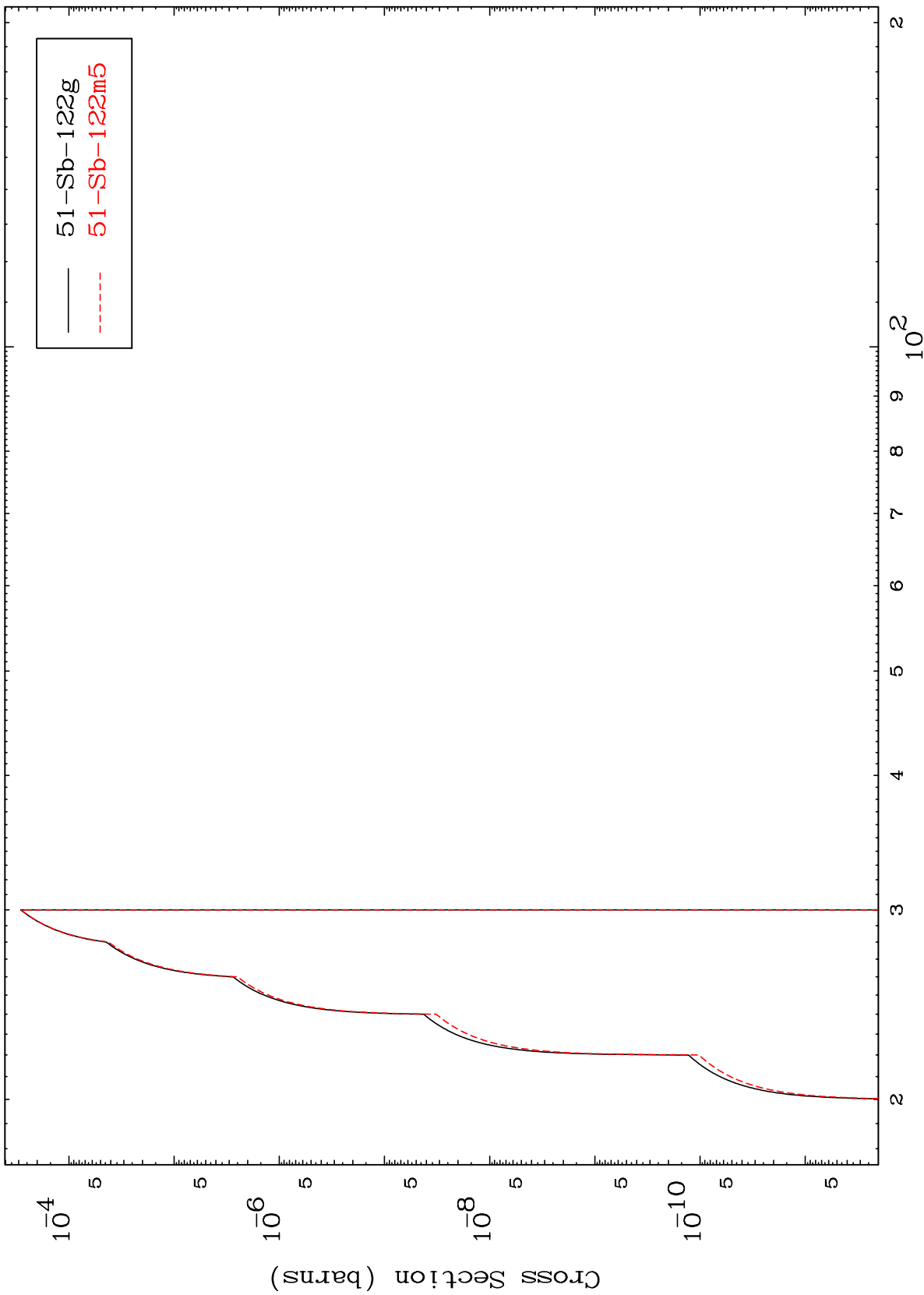


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(n,3n) α

52-Te-127

Radionuclide Production Cross Section



14

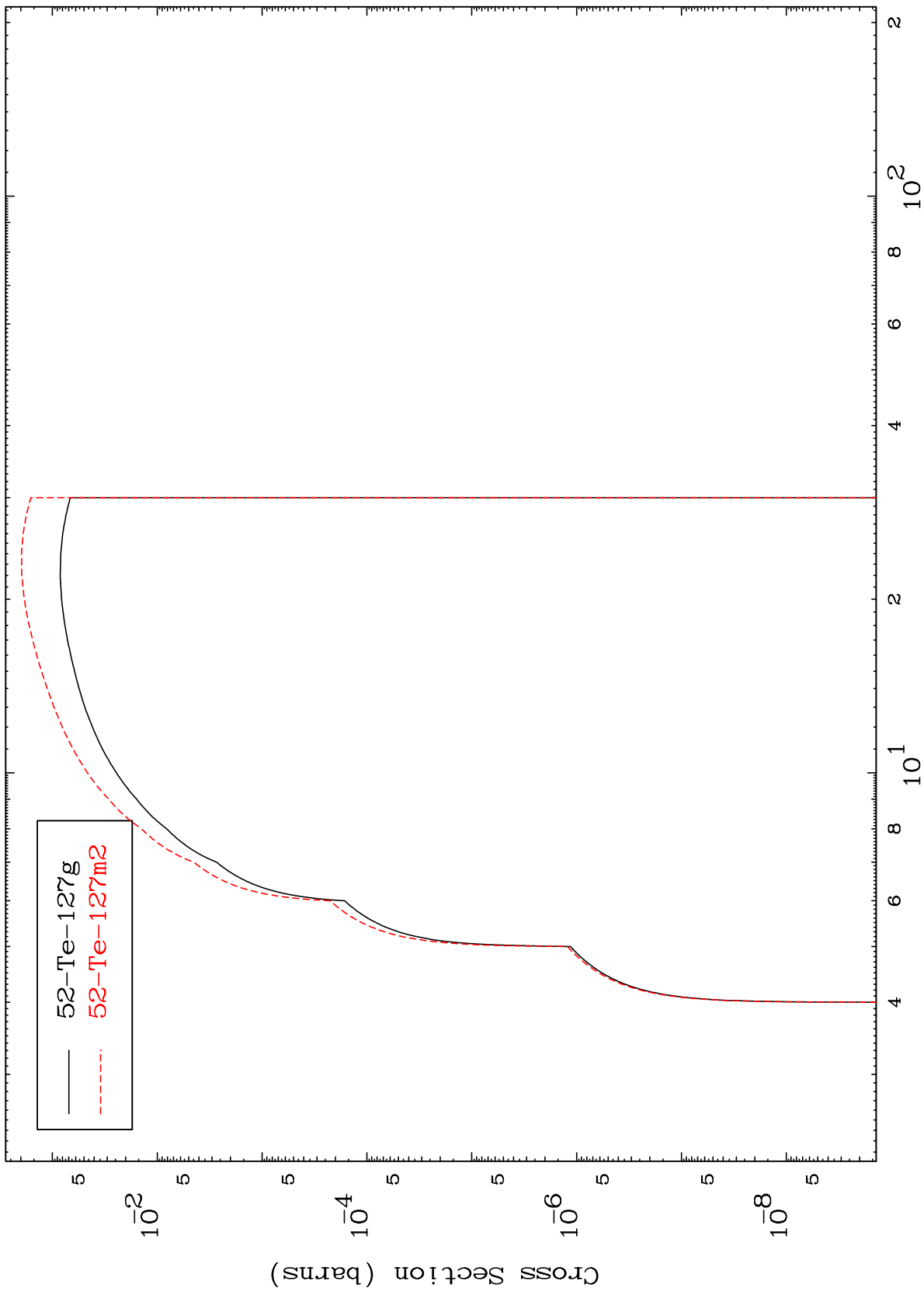
Incident Energy (MeV)

52-Te-127

MAT 5246

52-Te-127

Radionuclide Production Cross Section

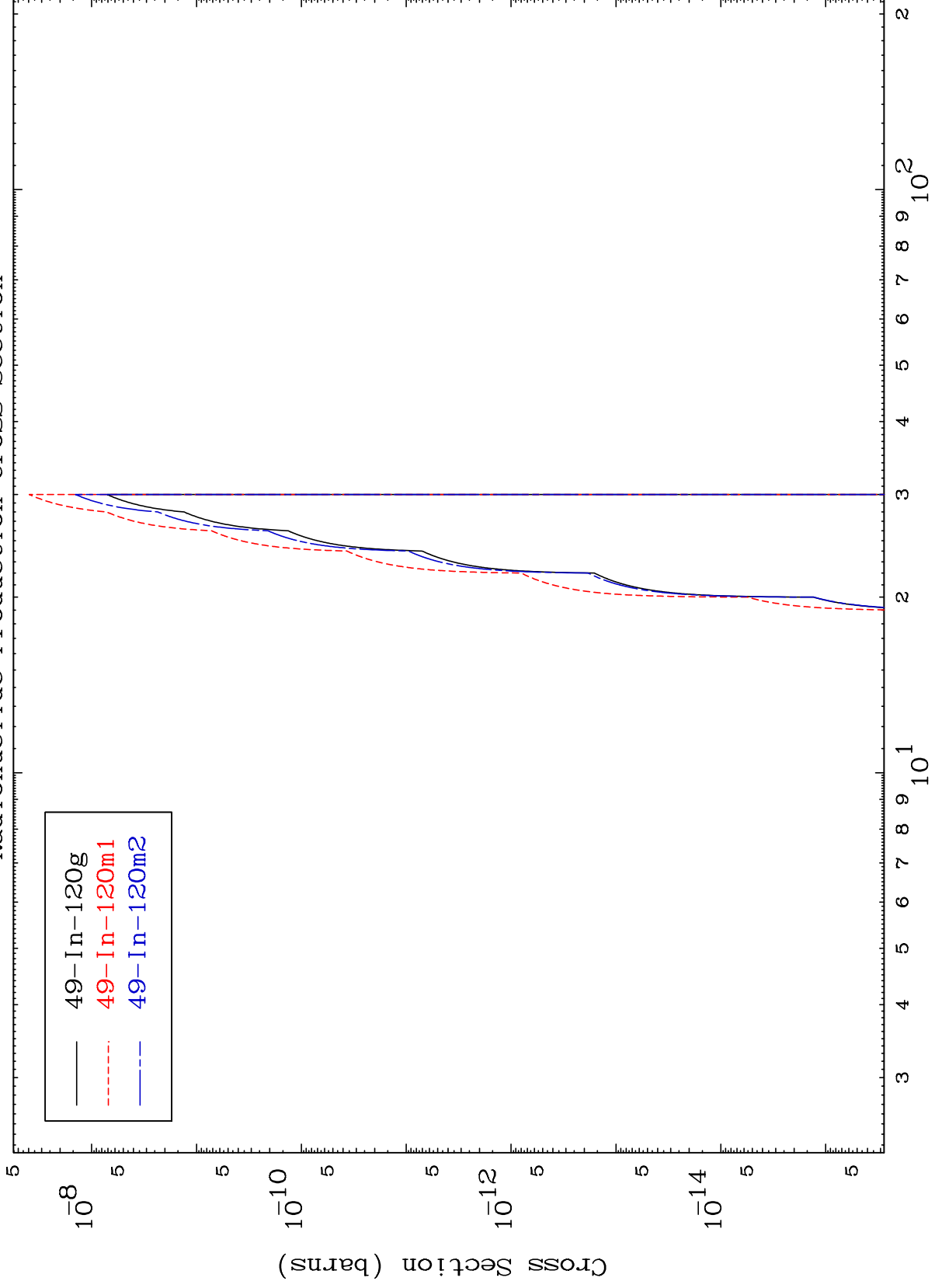


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(n,n') 2 α

52-Te-127

Radionuclide Production Cross Section



49-In-120g
49-In-120m1
49-In-120m2

16

Incident Energy (MeV)

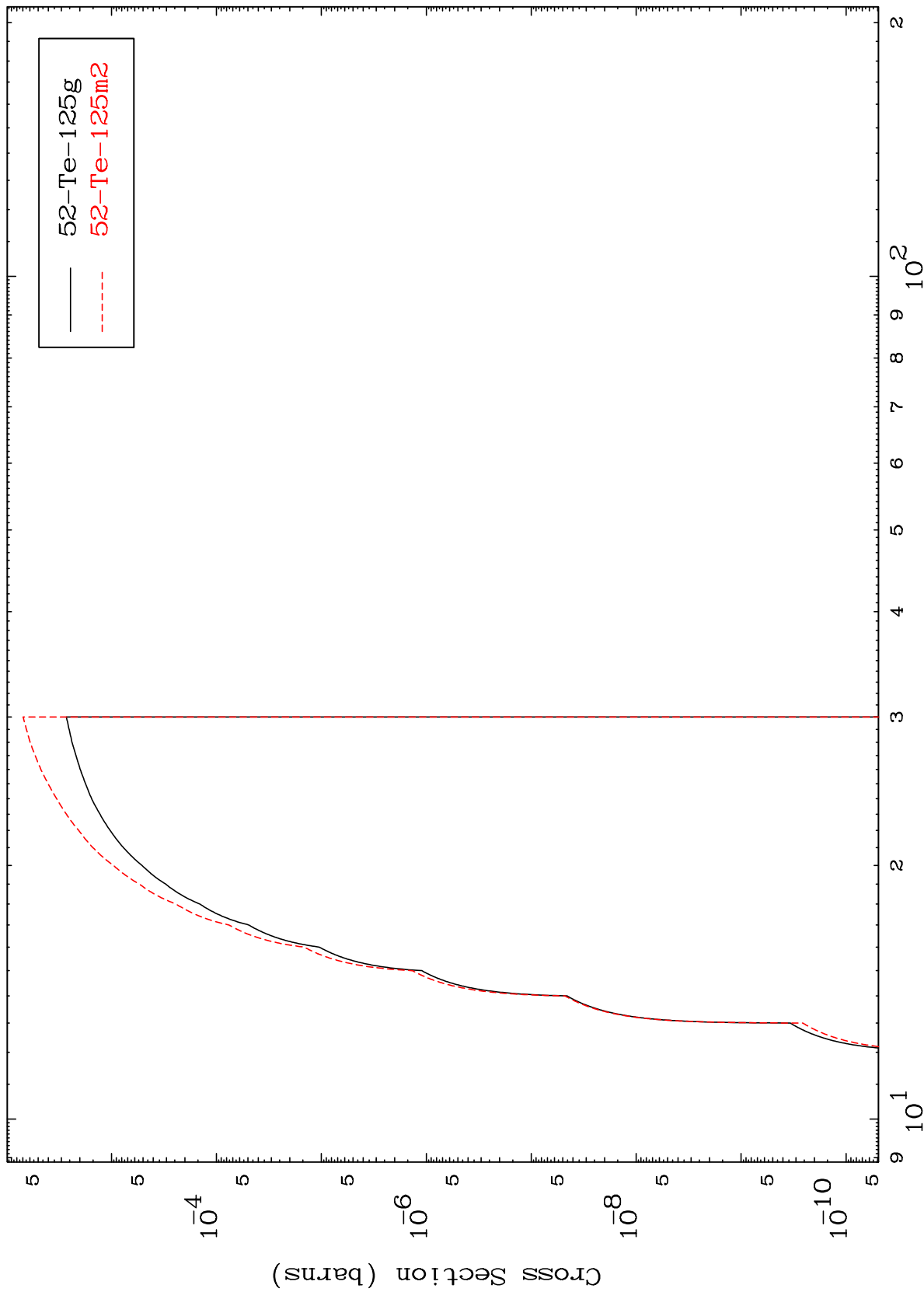
52-Te-127

MAT 5246

(n,n') t

52-Te-127

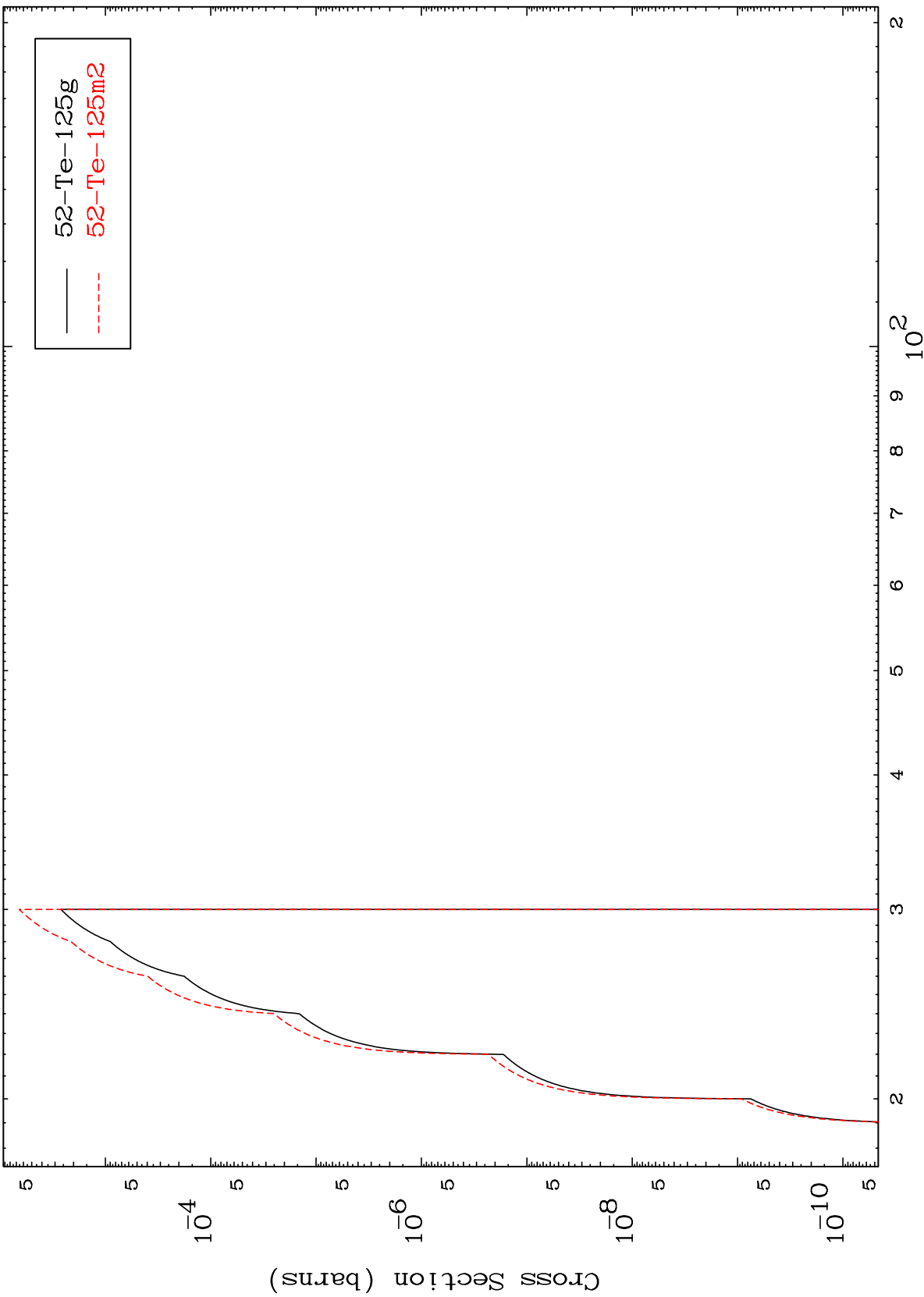
Radionuclide Production Cross Section



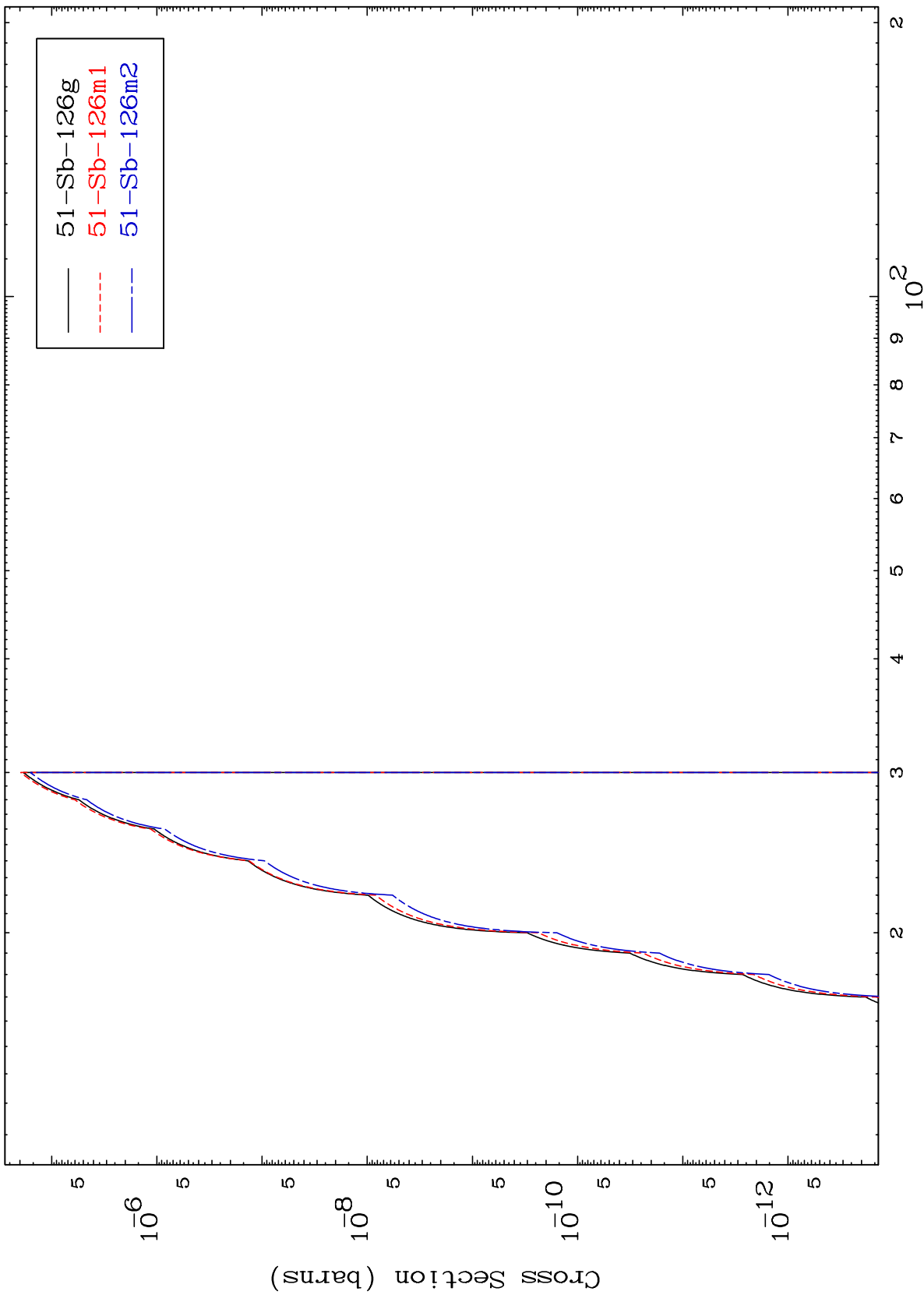
Incident Energy (MeV)

52-Te-127

Radionuclide Production Cross Section



Radionuclide Production Cross Section

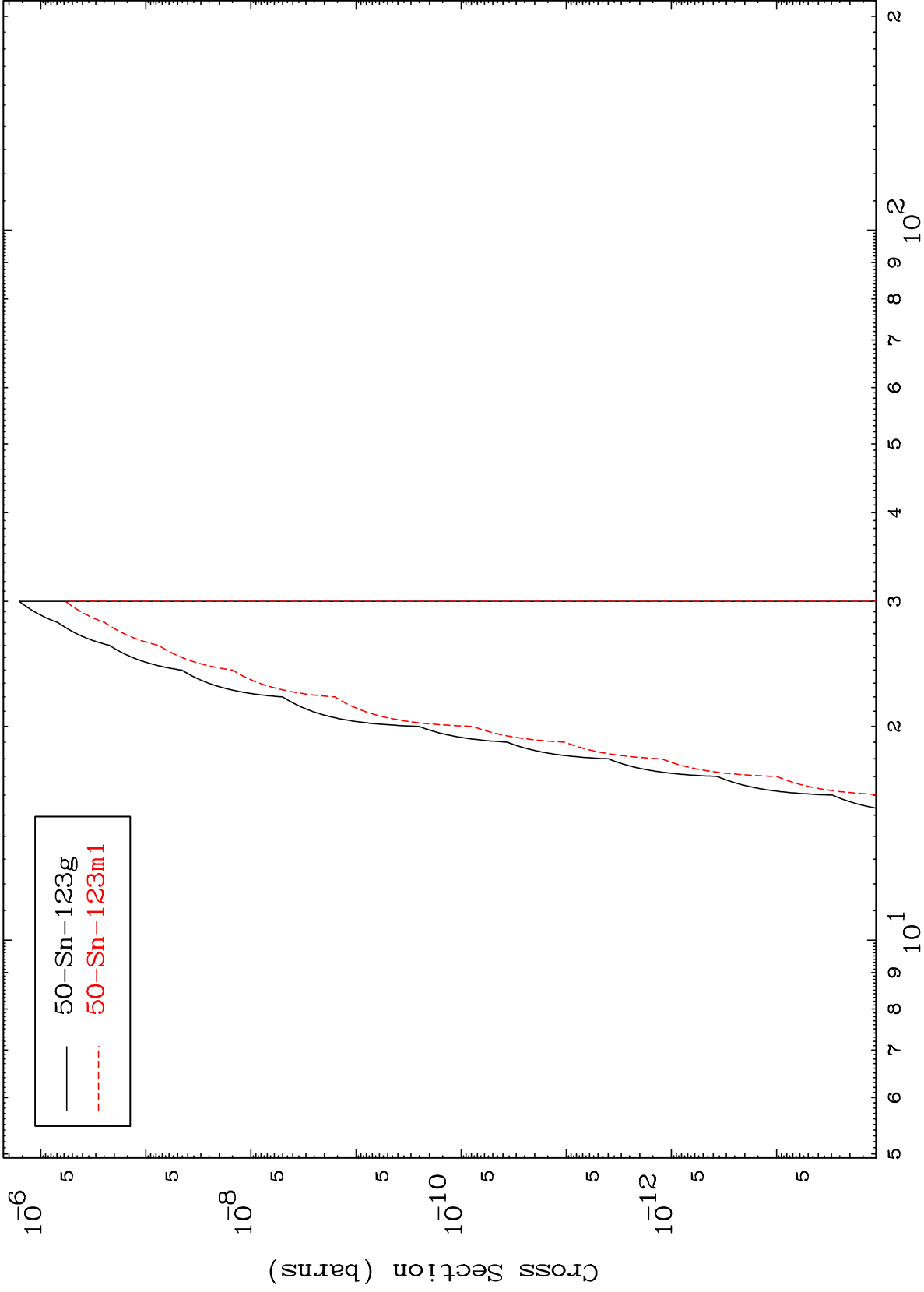


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(n,n') p α

52-Te-127

Radionuclide Production Cross Section



50-Sn-123g
50-Sn-123m1

20

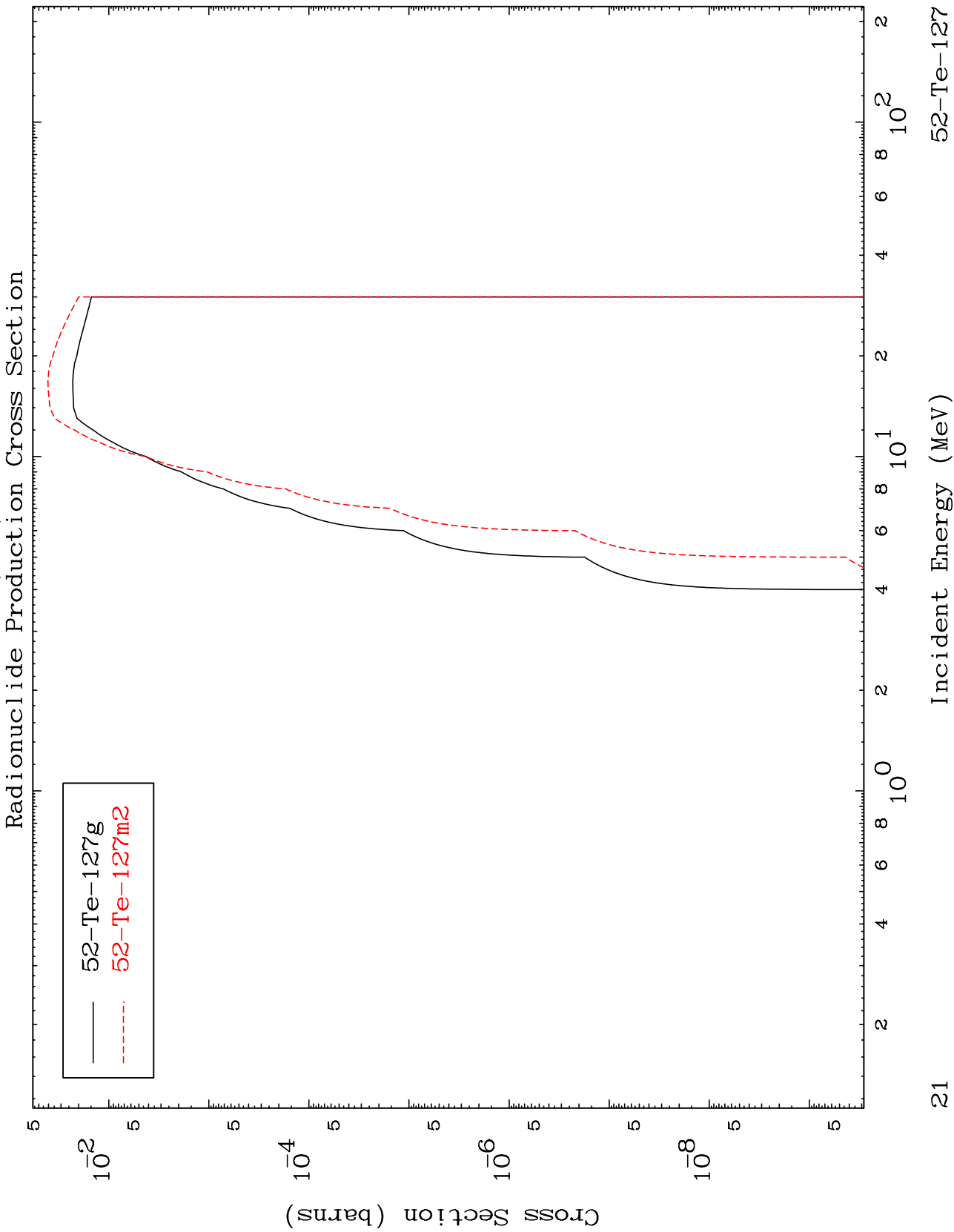
Incident Energy (MeV)

52-Te-127

MAT 5246

(n,d)

52-Te-127

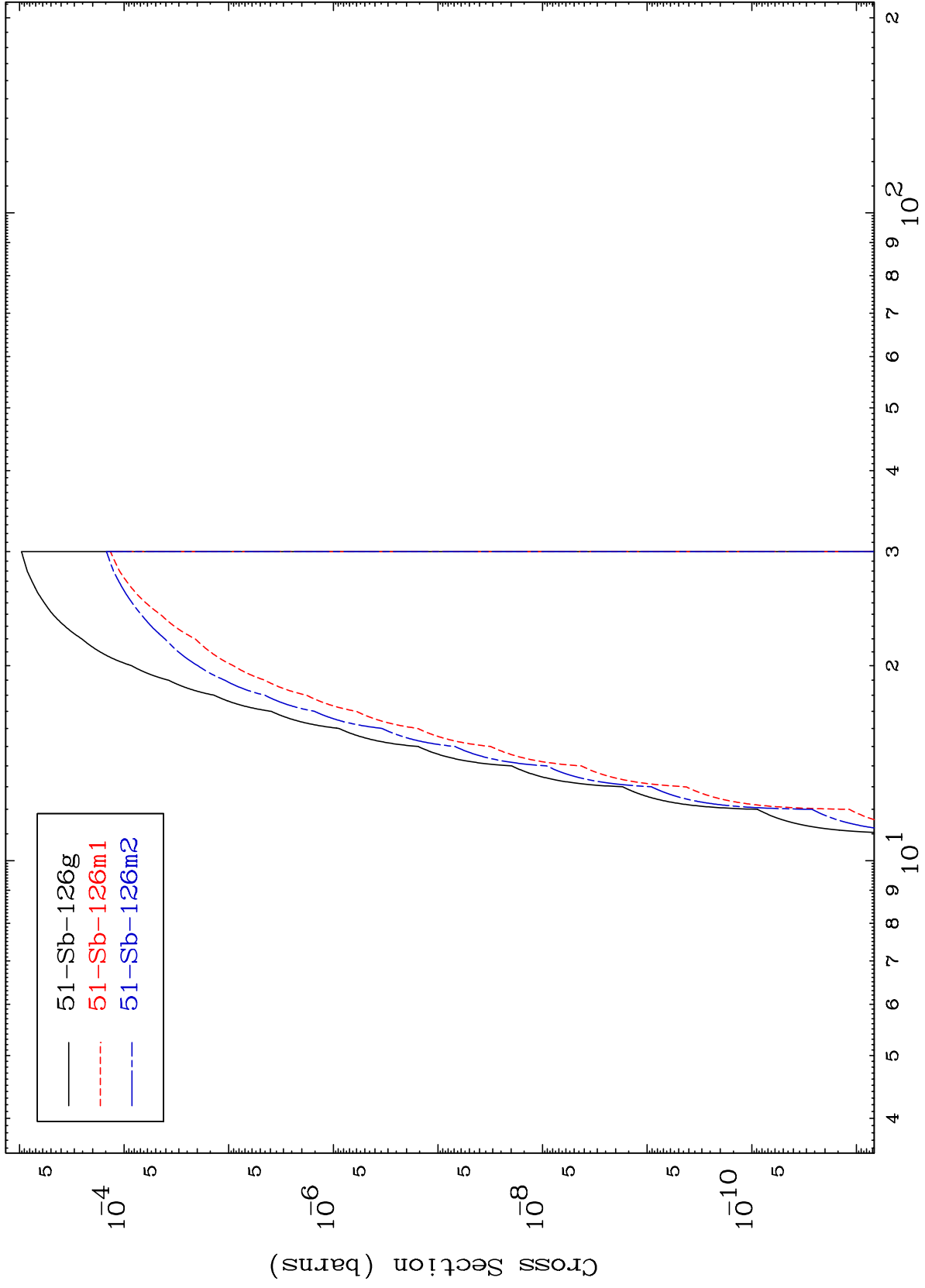


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(n,He-3)

52-Te-127

Radionuclide Production Cross Section

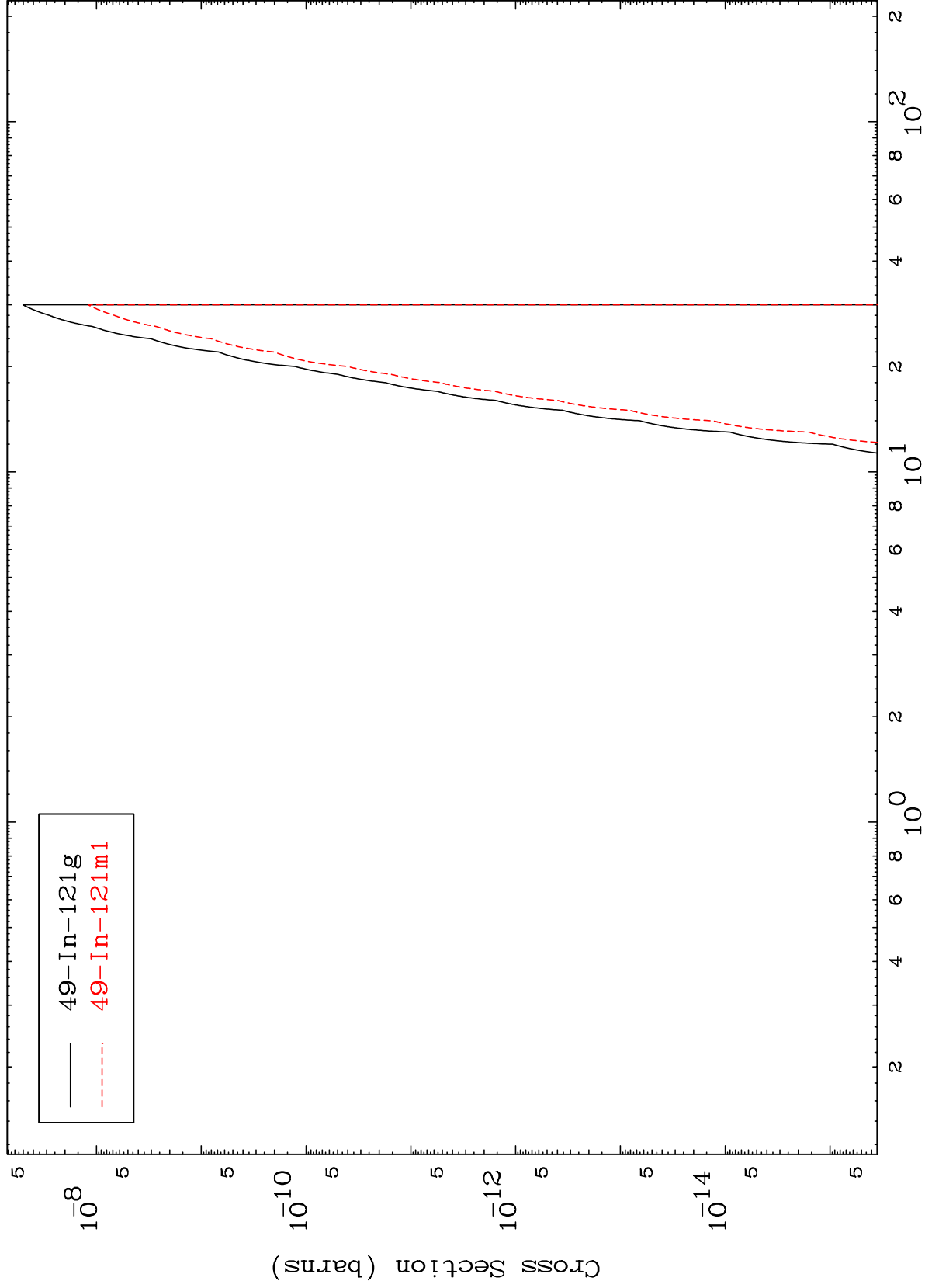


51-Sb-126g
51-Sb-126m1
51-Sb-126m2

MAT 5246

52-Te-127

(n,2α)
Radionuclide Production Cross Section



52-Te-127

Incident Energy (MeV)

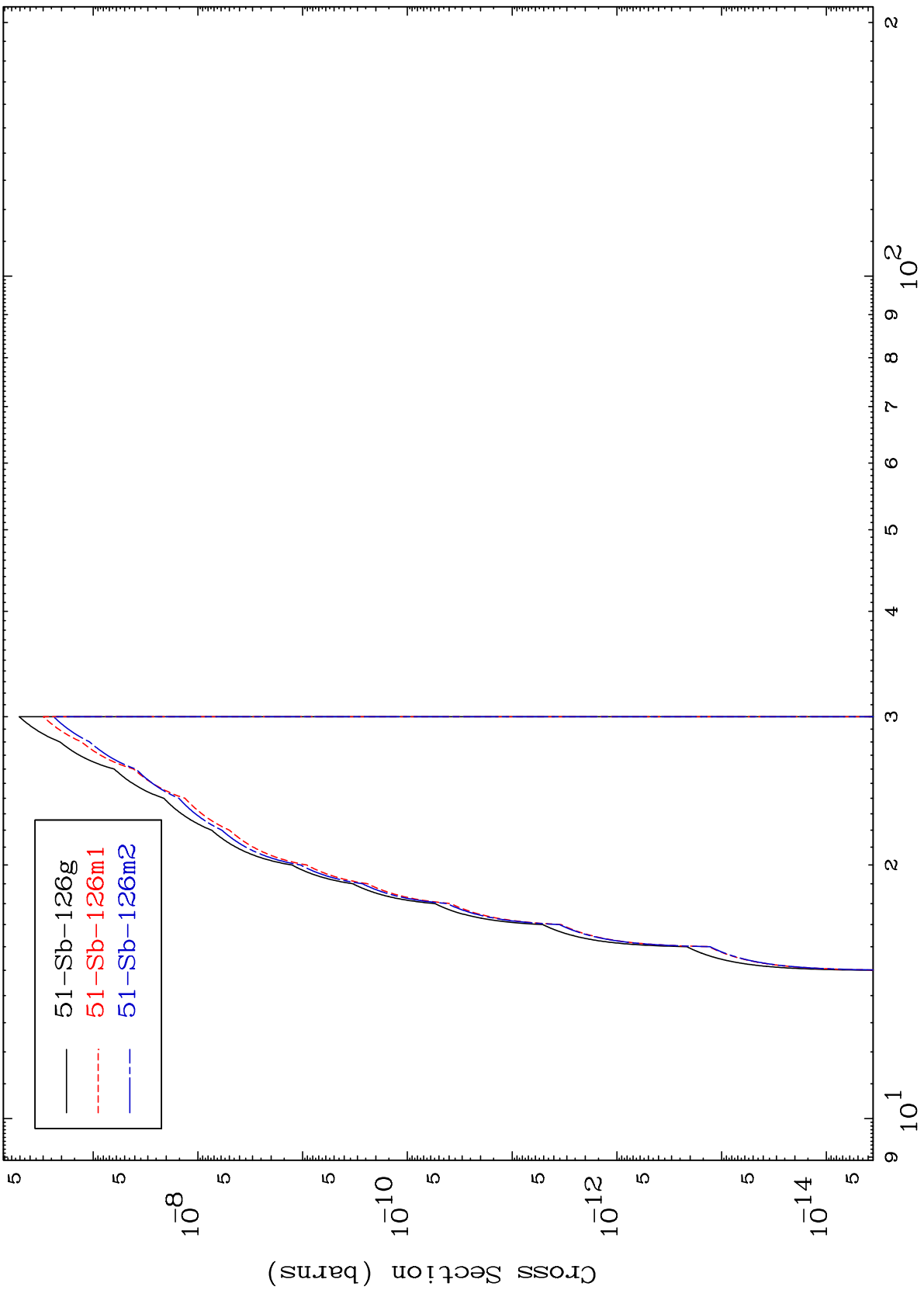
23

MAT 5246

(n,p) d

52-Te-127

Radionuclide Production Cross Section



24

Incident Energy (MeV)

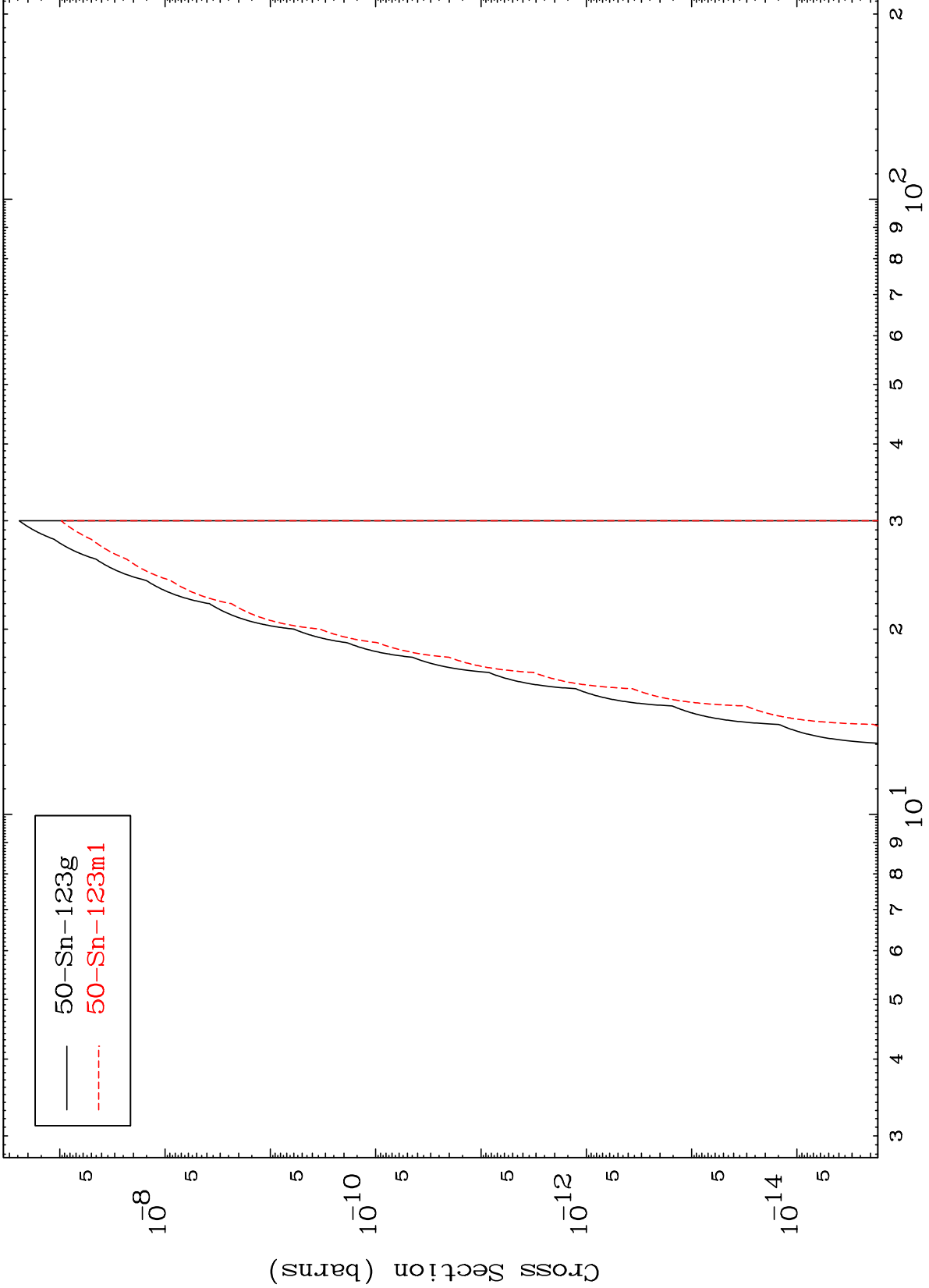
52-Te-127

MAT 5246

(n,d) α

52-Te-127

Radionuclide Production Cross Section



25

Incident Energy (MeV)

52-Te-127