

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

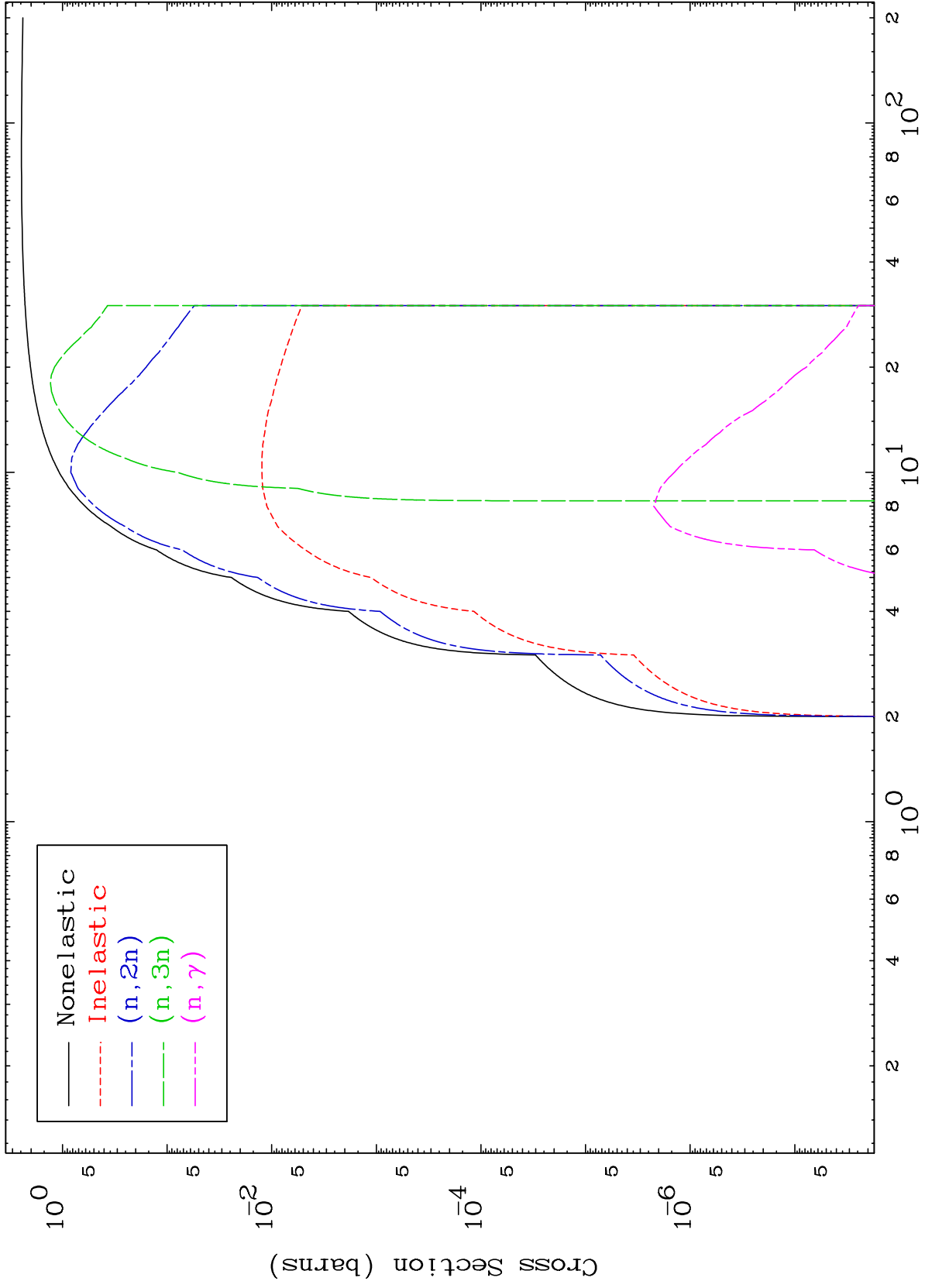
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

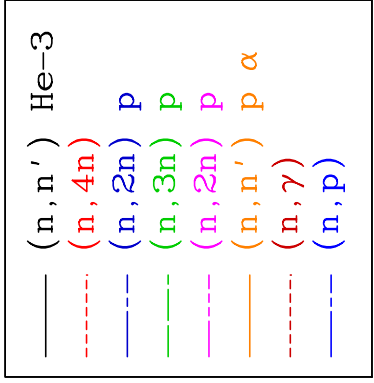
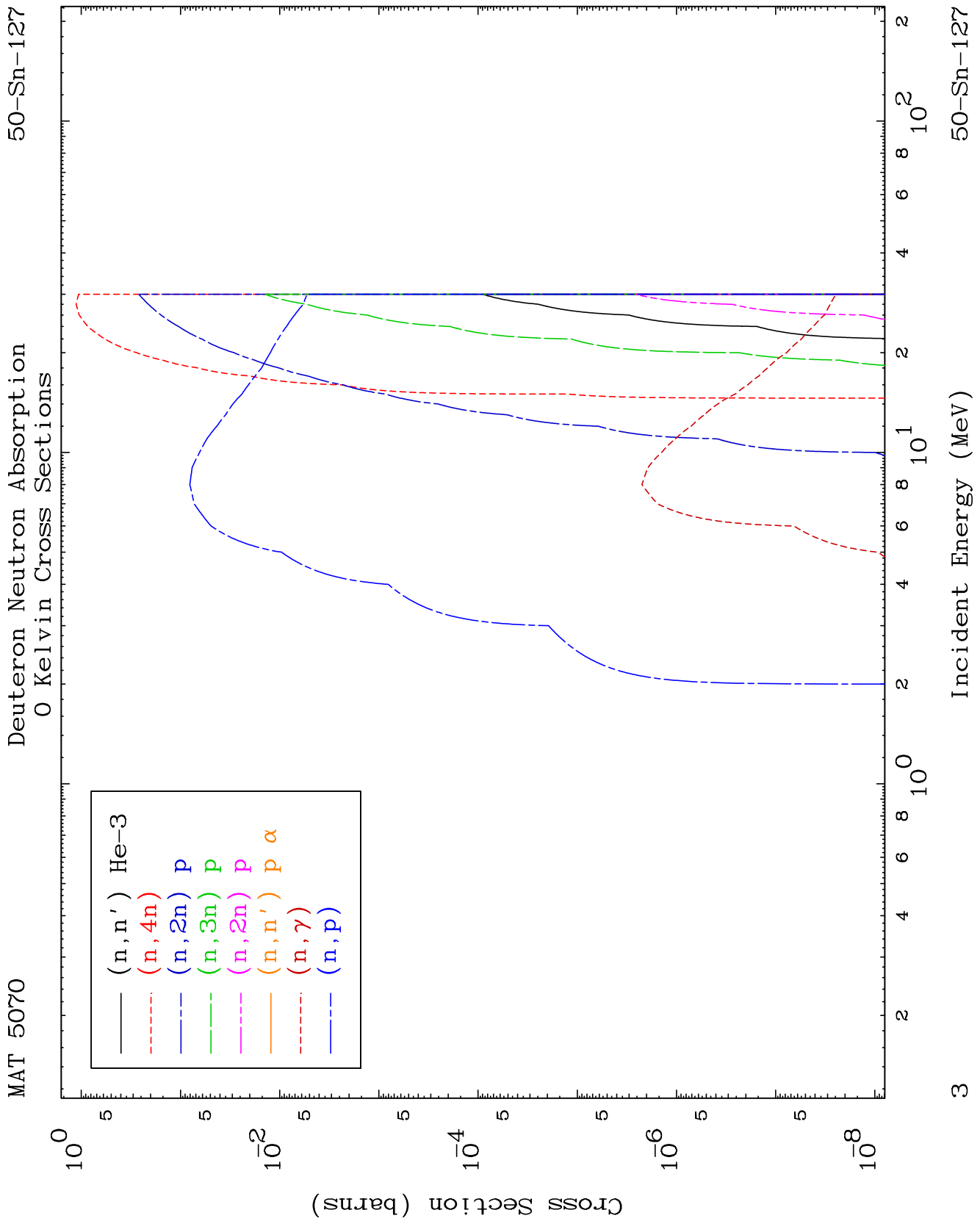
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

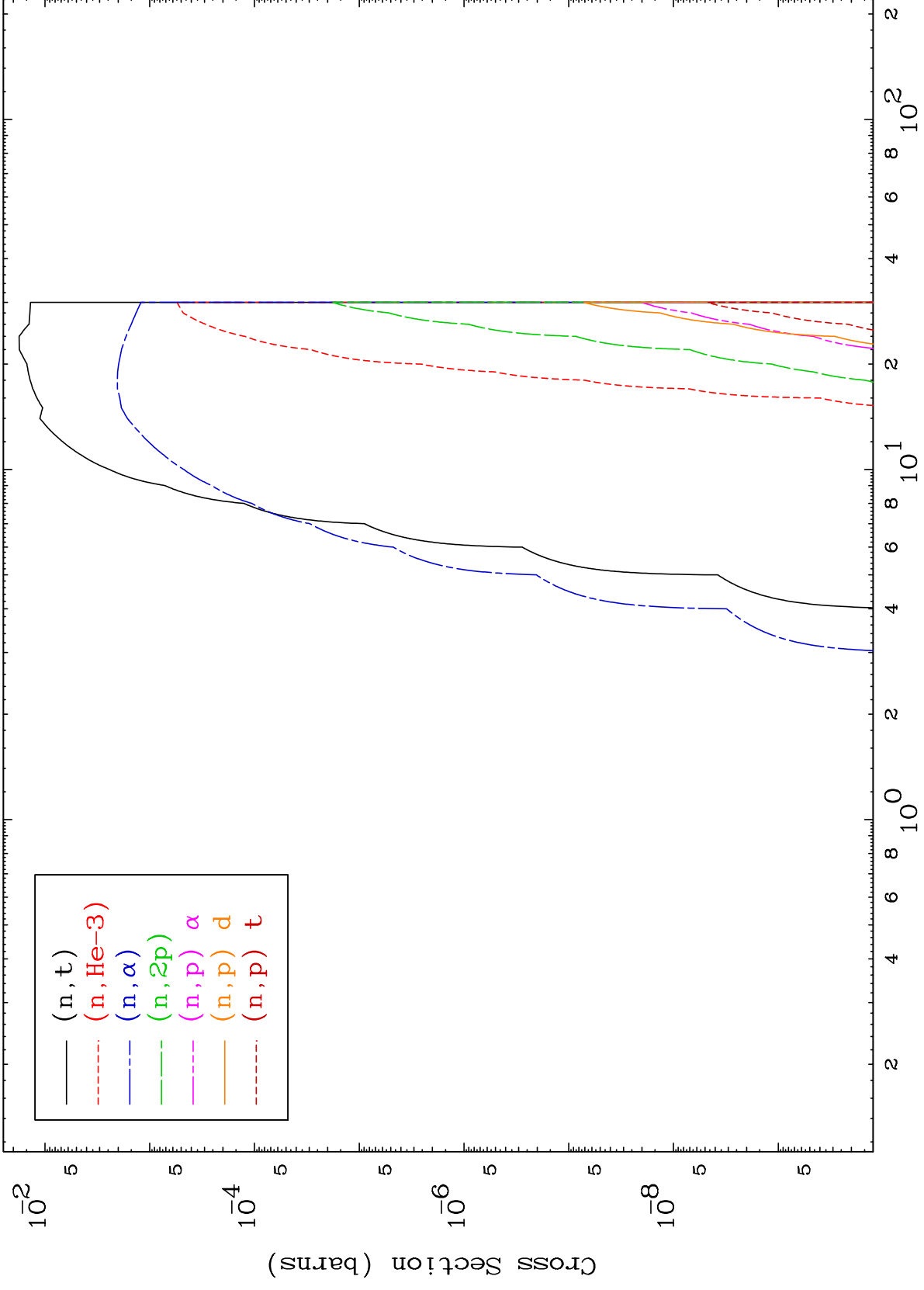




MAT 5070

Deuteron Neutron Absorption
0 Kelvin Cross Sections

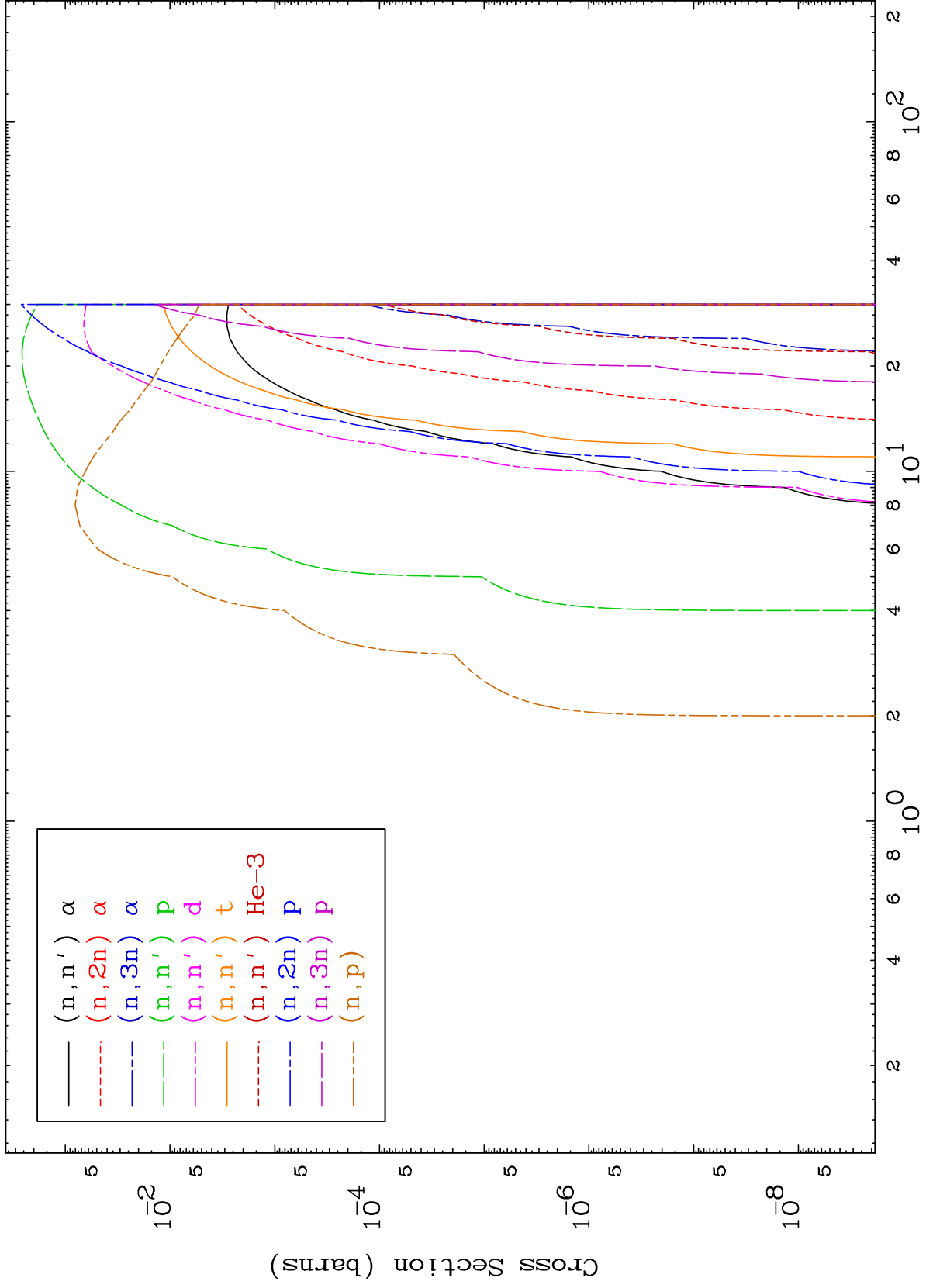
50-Sn-127



MAT 5070

Deuteron Charged Particle
0 Kelvin Cross Sections

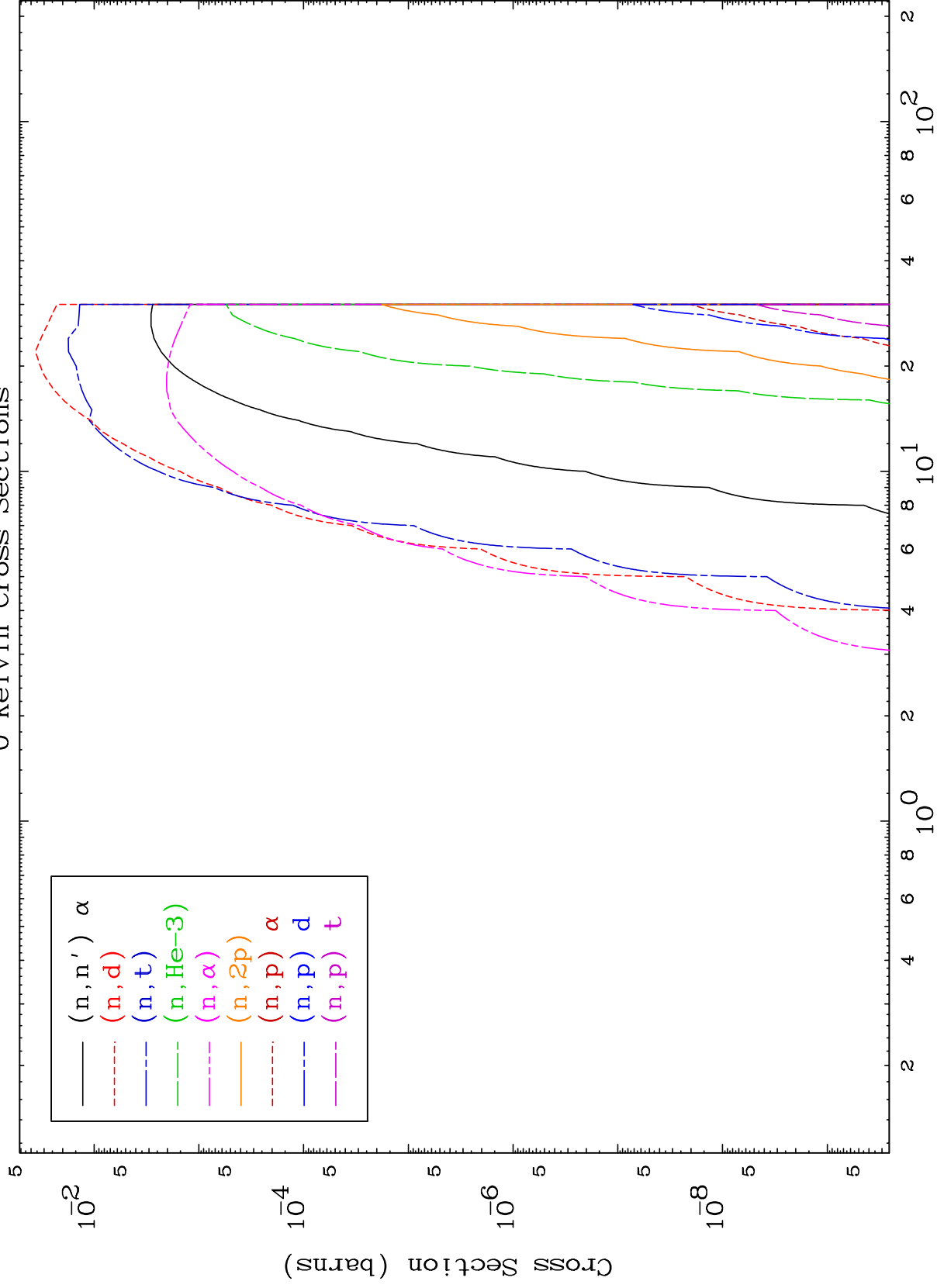
50-Sn-127



MAT 5070

Deuteron Charged Particle
0 Kelvin Cross Sections

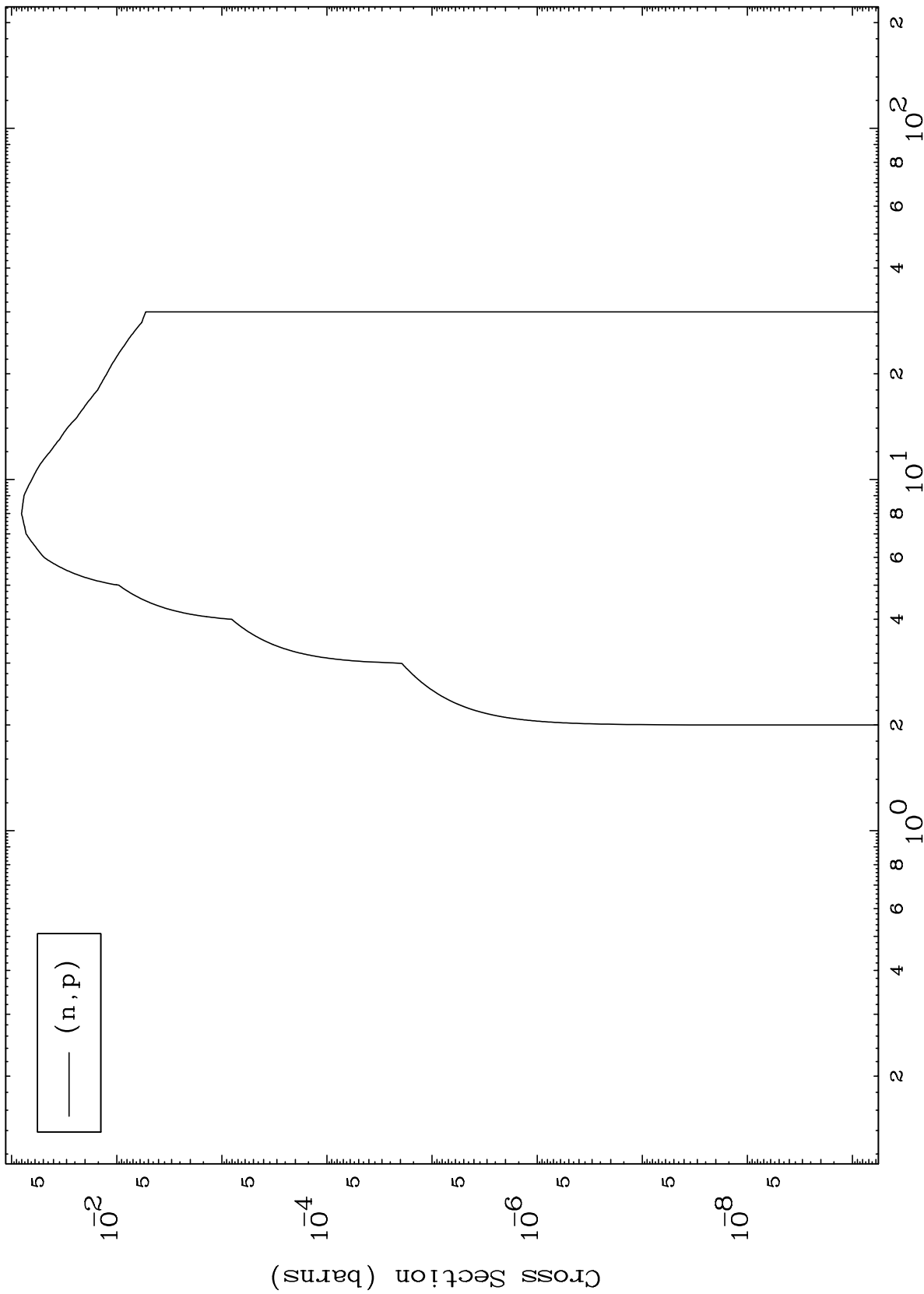
50-Sn-127



MAT 5070

50-Sn-127

(d,p) Levels
0 Kelvin Cross Sections



50-Sn-127

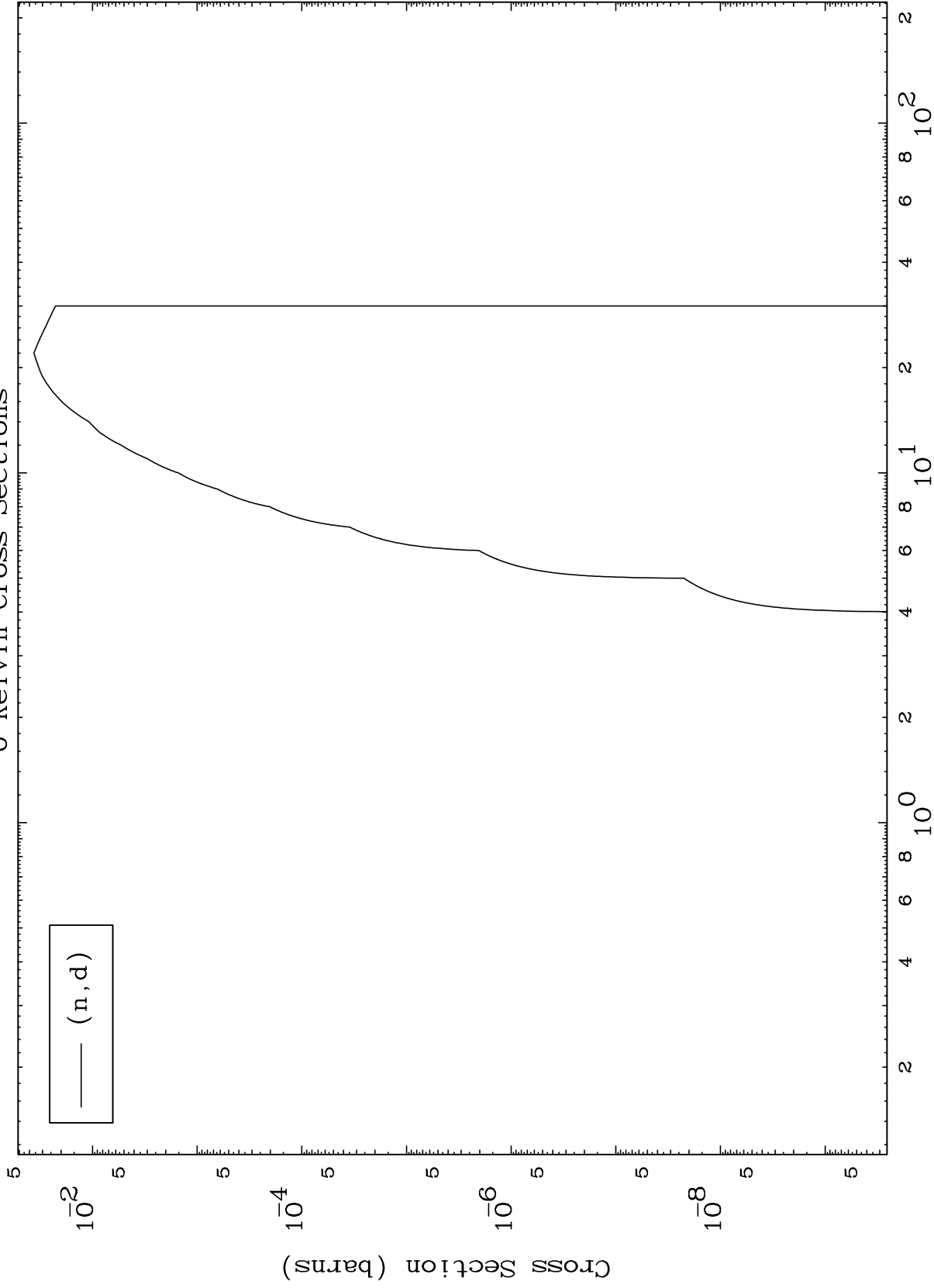
Incident Energy (MeV)

MAT 5070

(d,d) Levels

50-Sn-127

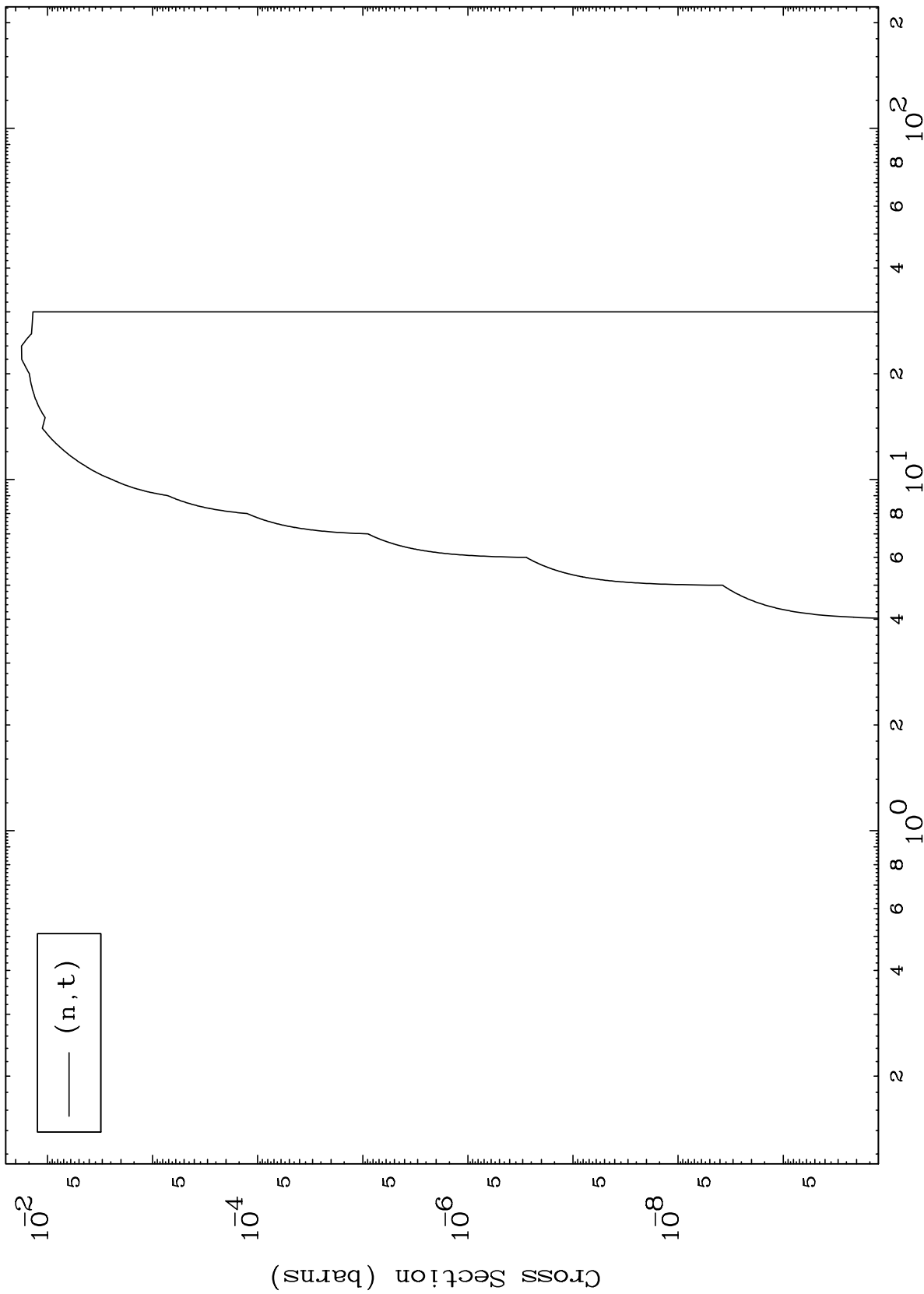
0 Kelvin Cross Sections



MAT 5070

50-Sn-127

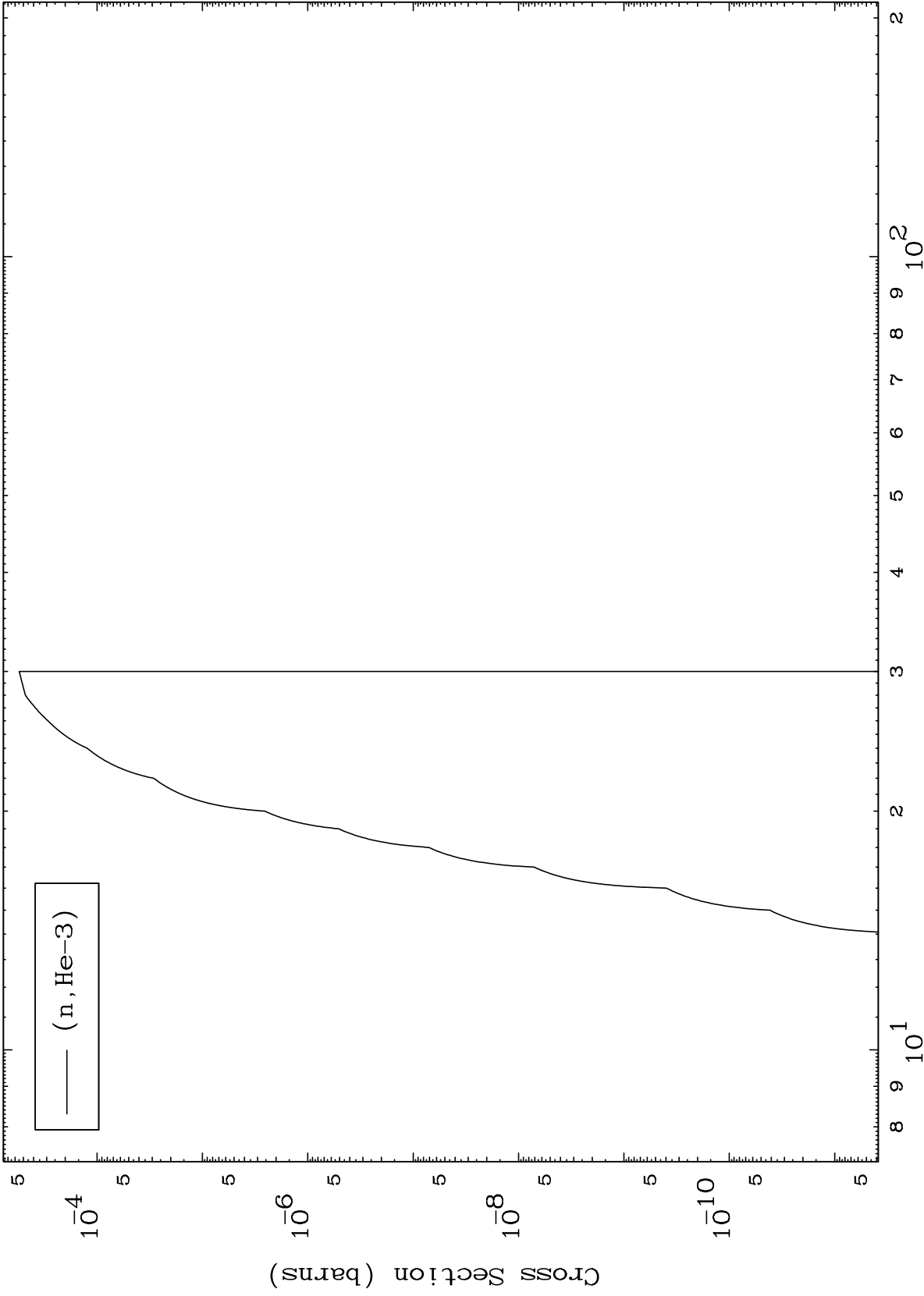
(d, t) Levels
0 Kelvin Cross Sections



MAT 5070

(d,He3) Levels
0 Kelvin Cross Sections

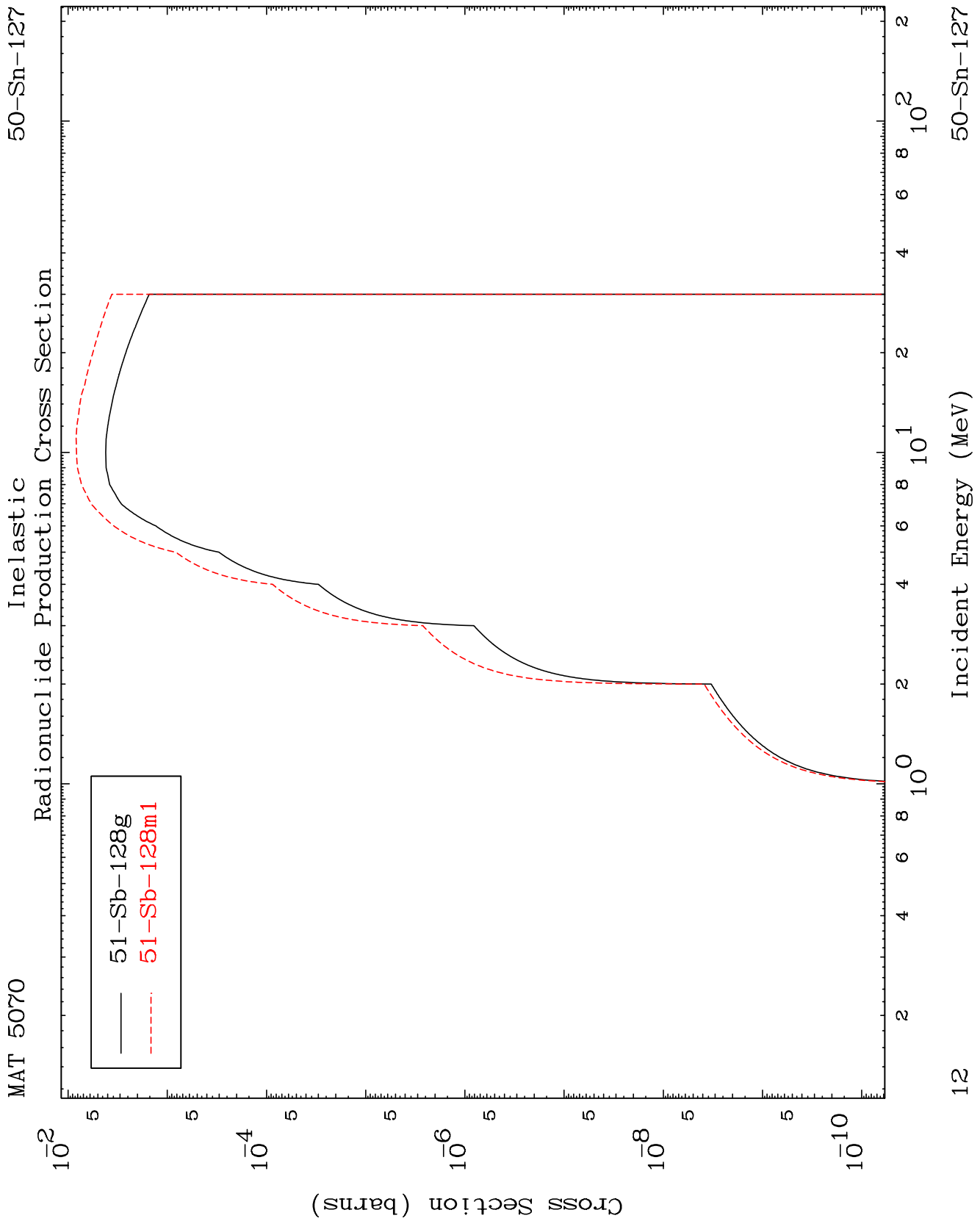
50-Sn-127



10

Incident Energy (MeV)

50-Sn-127

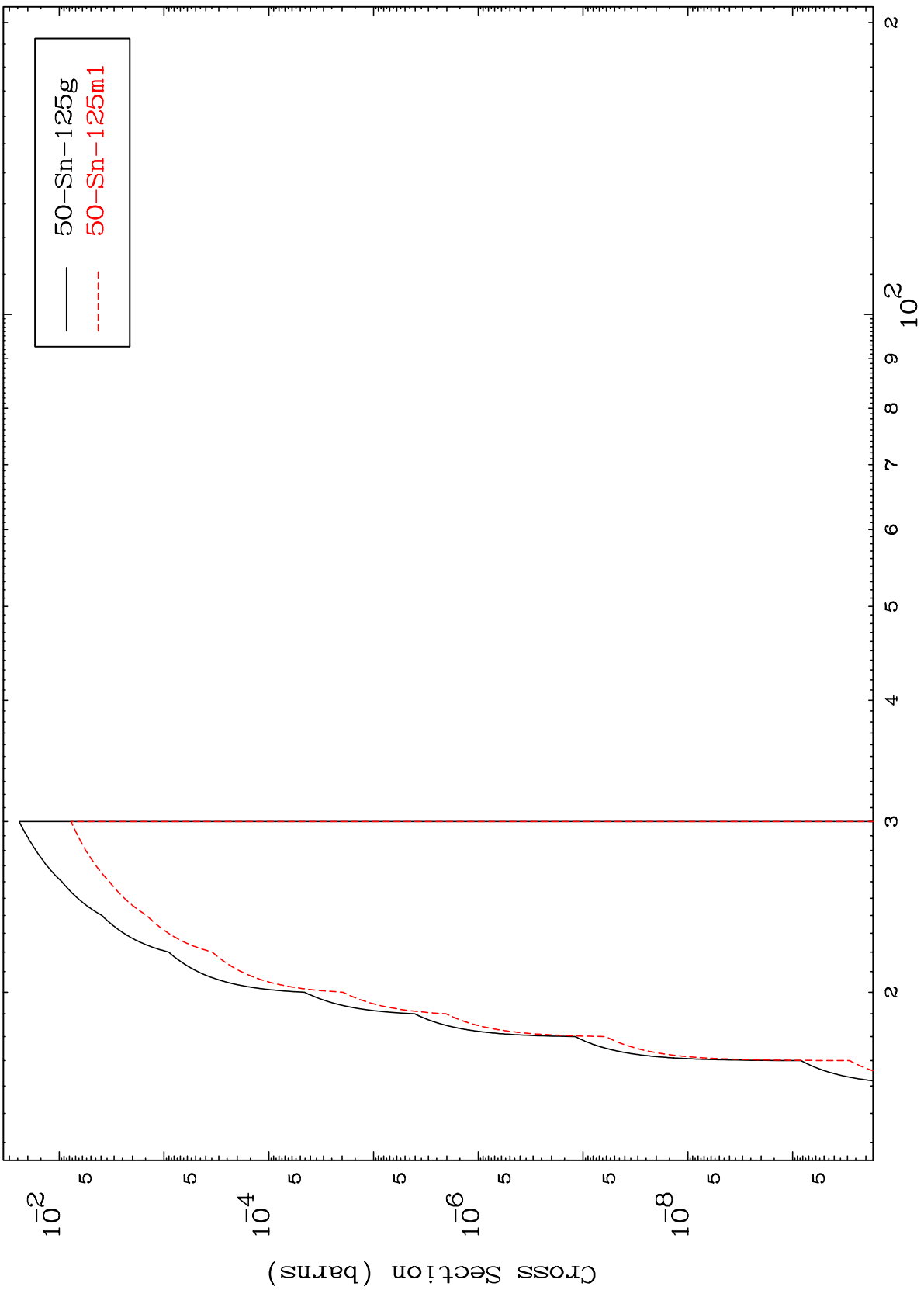


MAT 5070

(n,2n) d

50-Sn-127

Radionuclide Production Cross Section



13

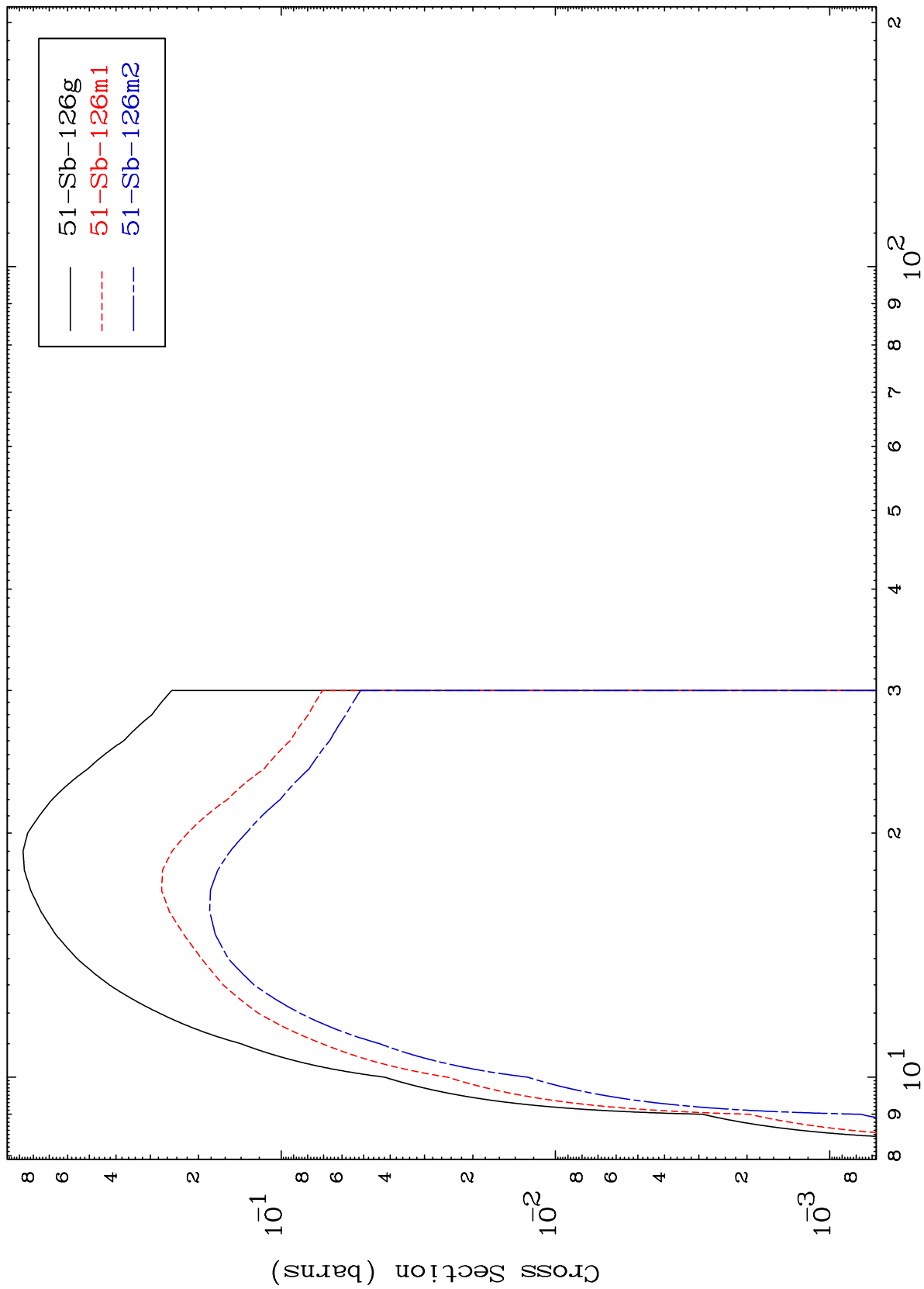
Incident Energy (MeV)

50-Sn-127

MAT 5070

50-Sn-127

(n,3n)
Radionuclide Production Cross Section



50-Sn-127

Incident Energy (MeV)

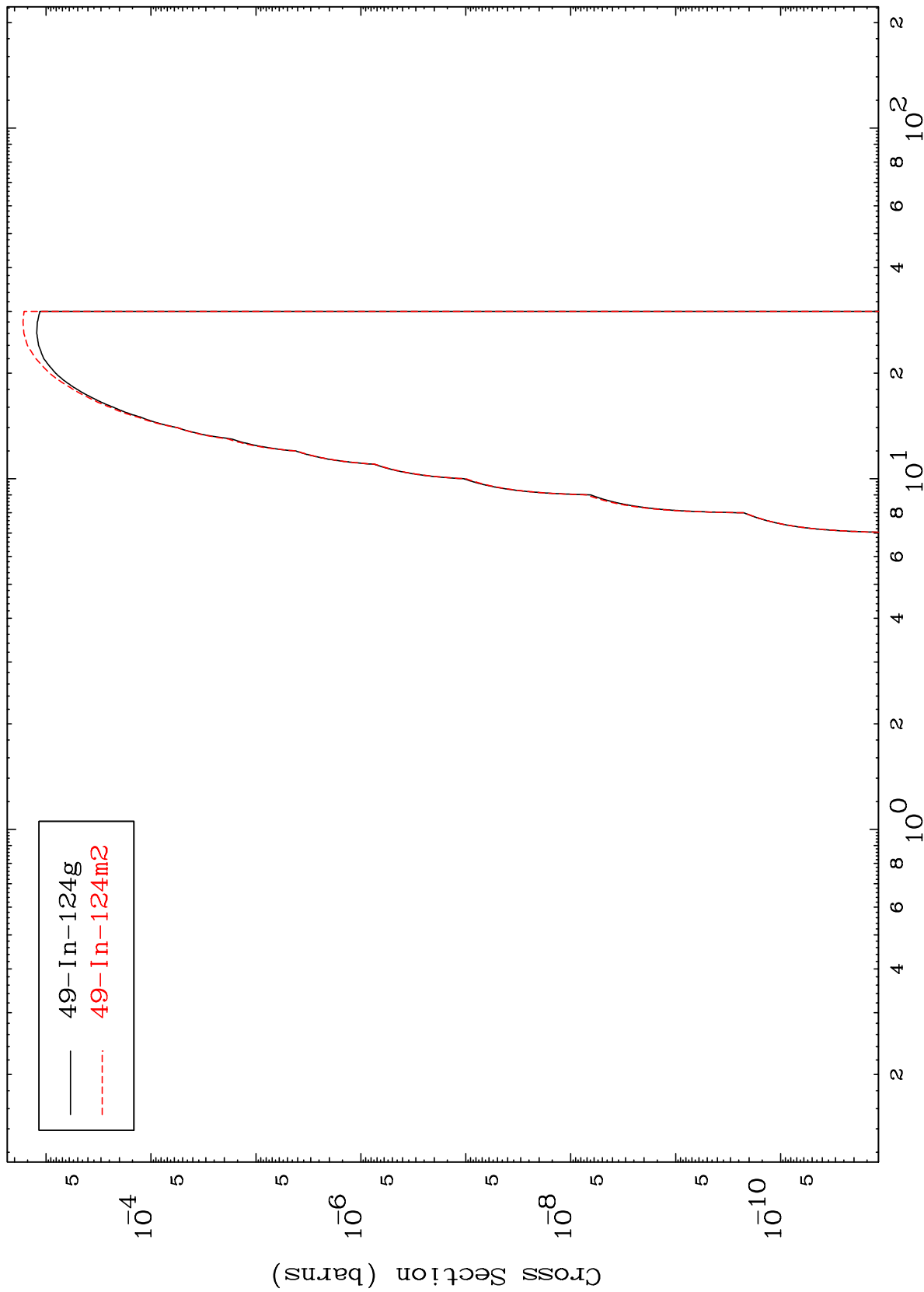
14

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50-Sn-127

(n,n') α

Radionuclide Production Cross Section



50-Sn-127

Incident Energy (MeV)

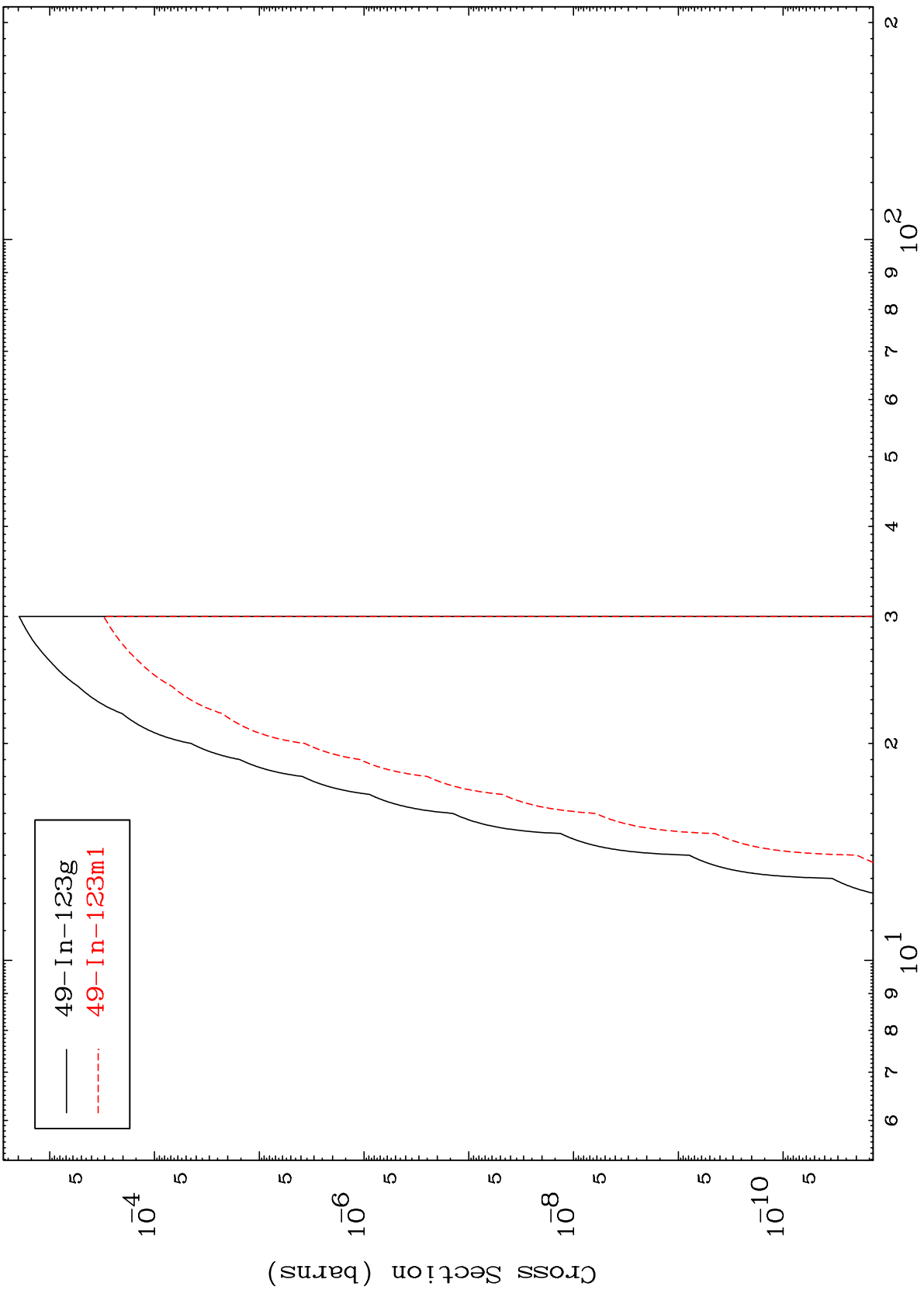
15

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$(n,2n) \alpha$

50-Sn-127

Radionuclide Production Cross Section



49-In-123g
49-In-123m1

16

Incident Energy (MeV)

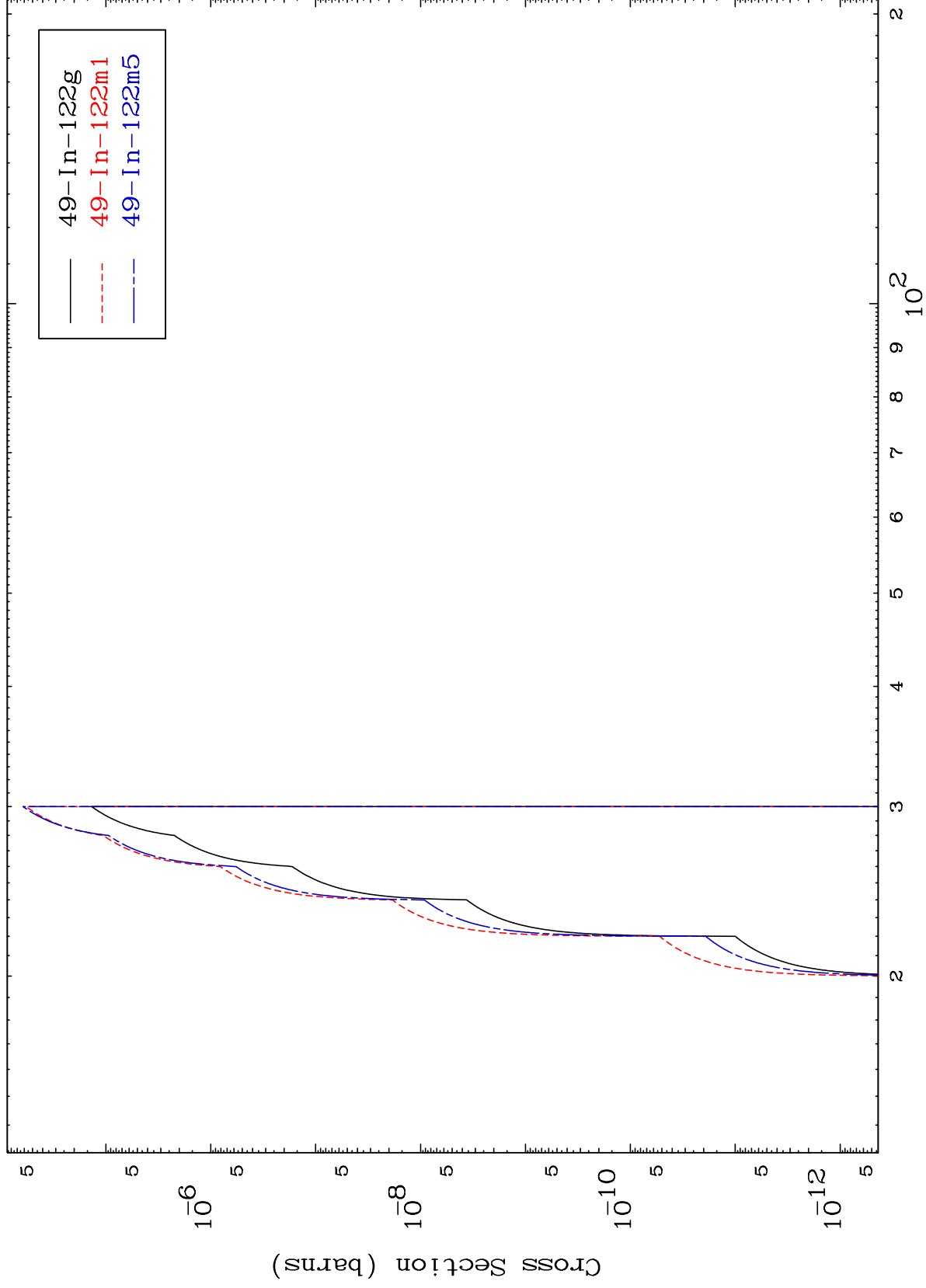
50-Sn-127

MAT 5070

(n,3n) α

50-Sn-127

Radionuclide Production Cross Section



17

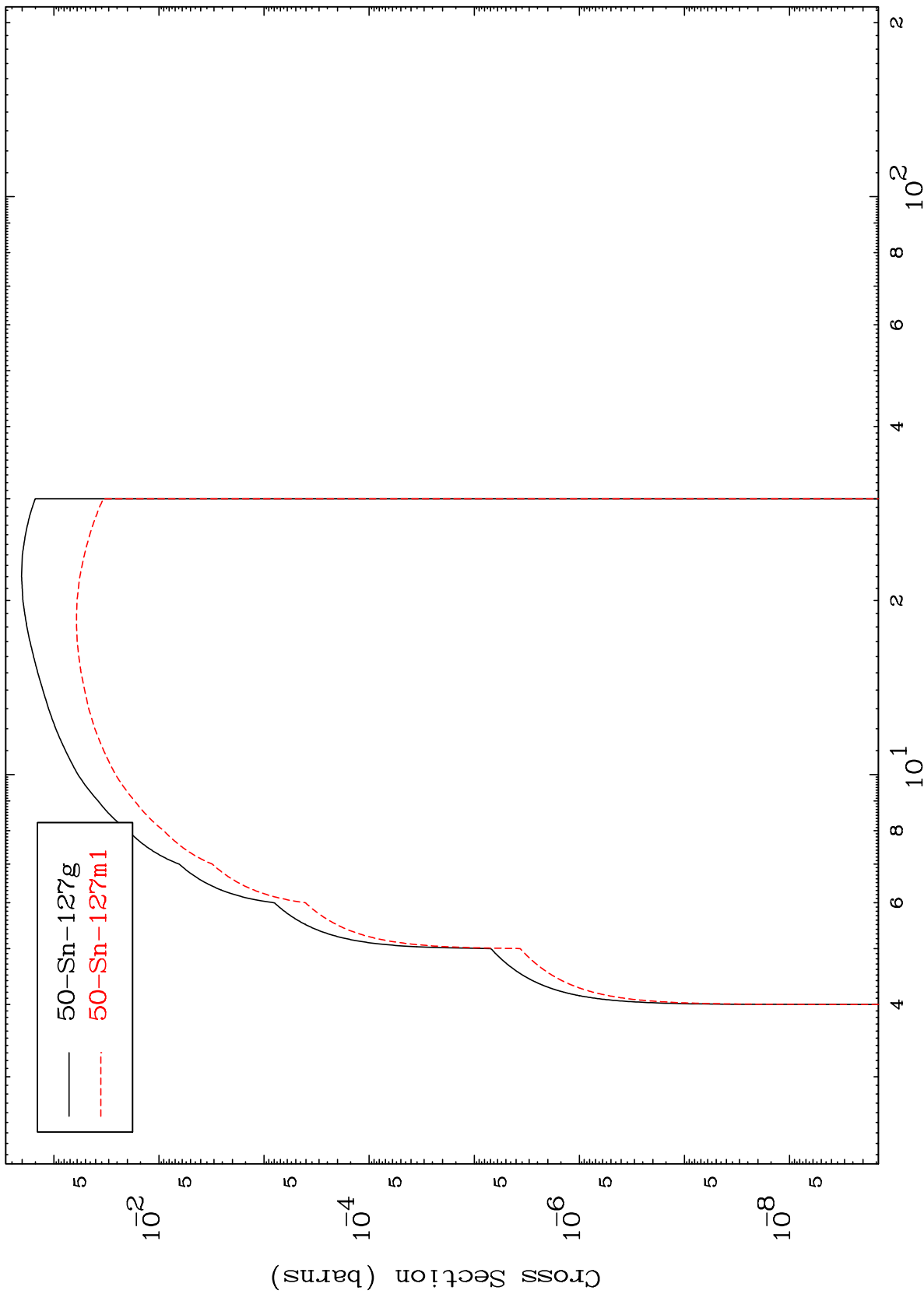
Incident Energy (MeV)

50-Sn-127

MAT 5070

50-Sn-127

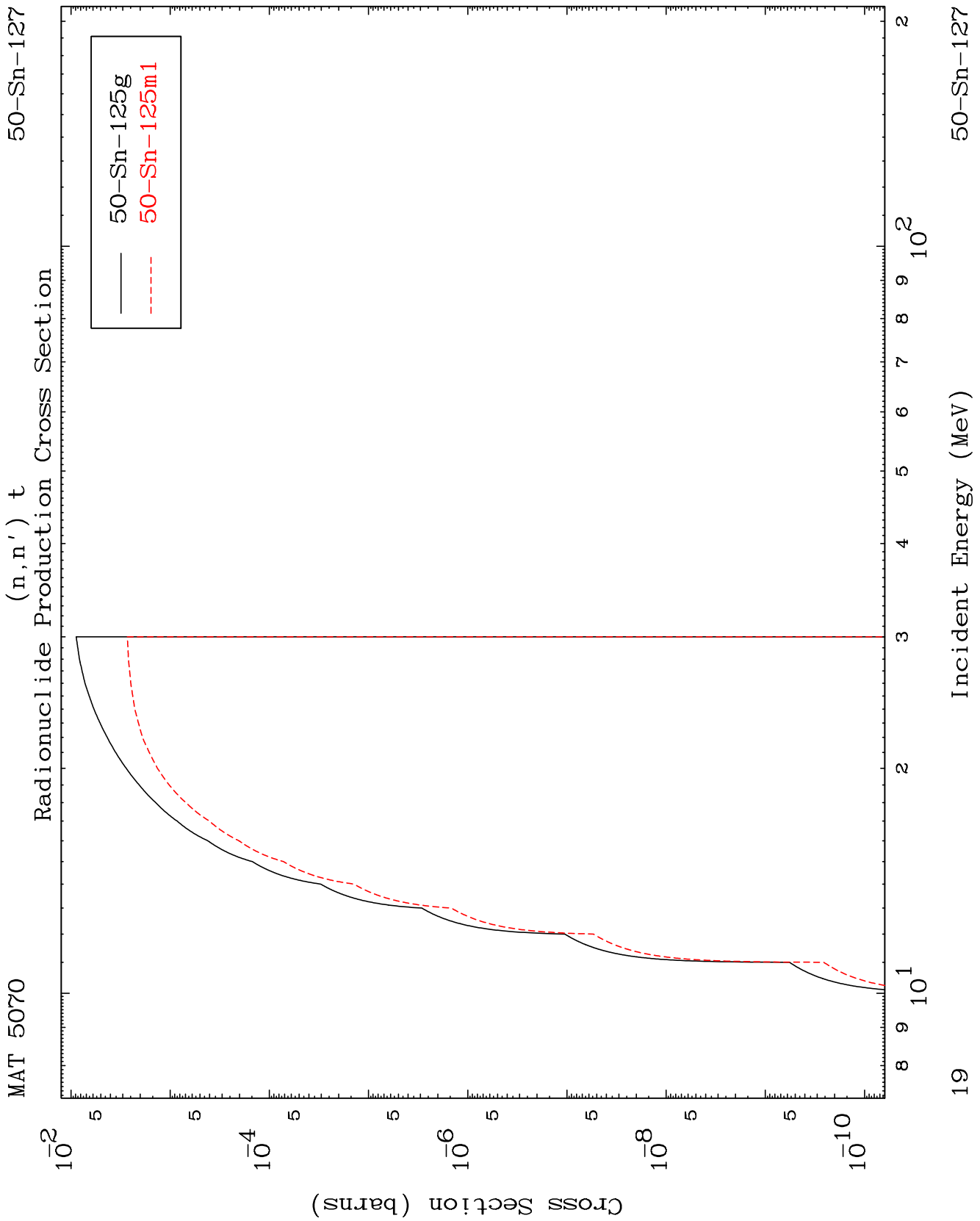
Radionuclide Production Cross Section

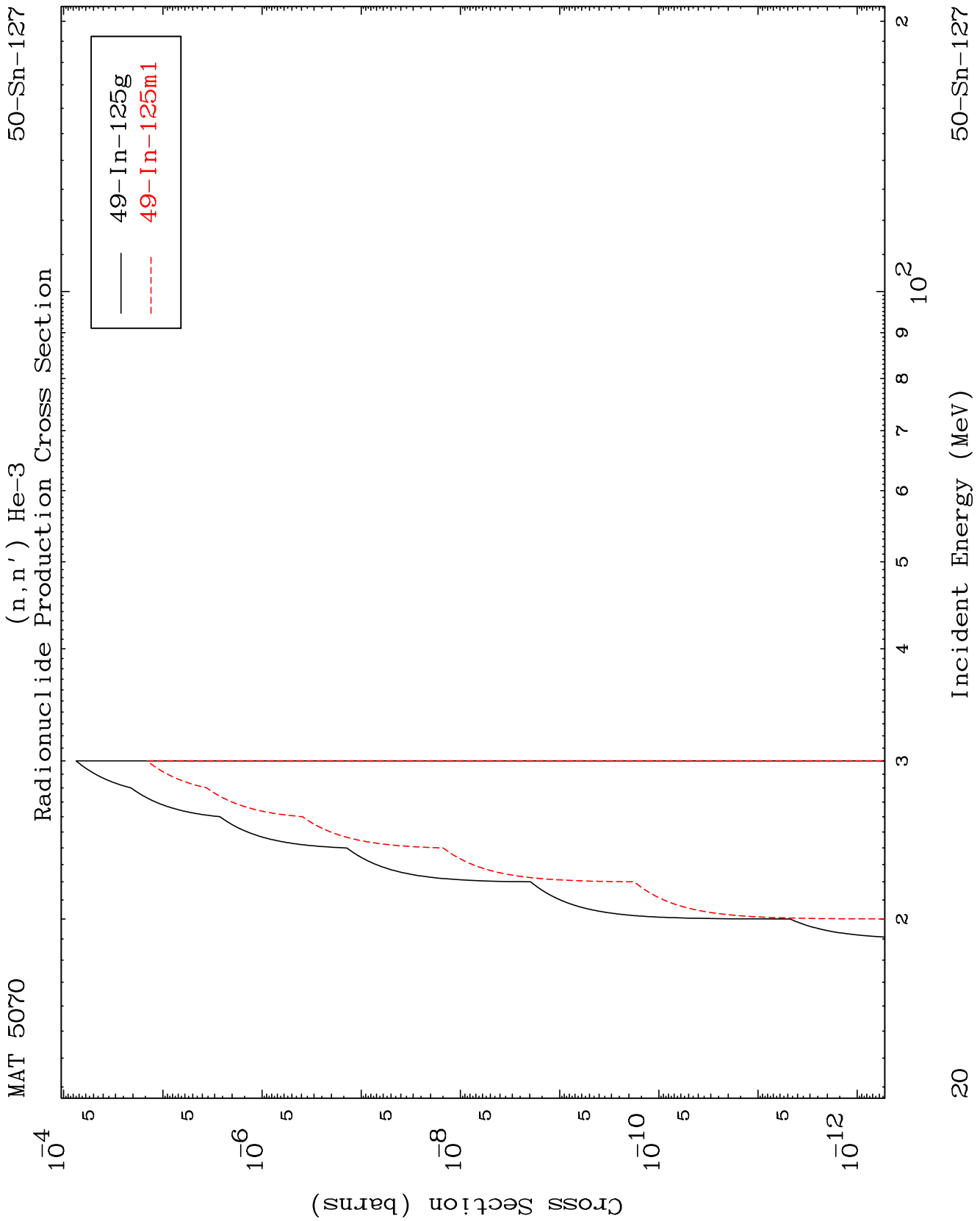


Incident Energy (MeV)

50-Sn-127

18



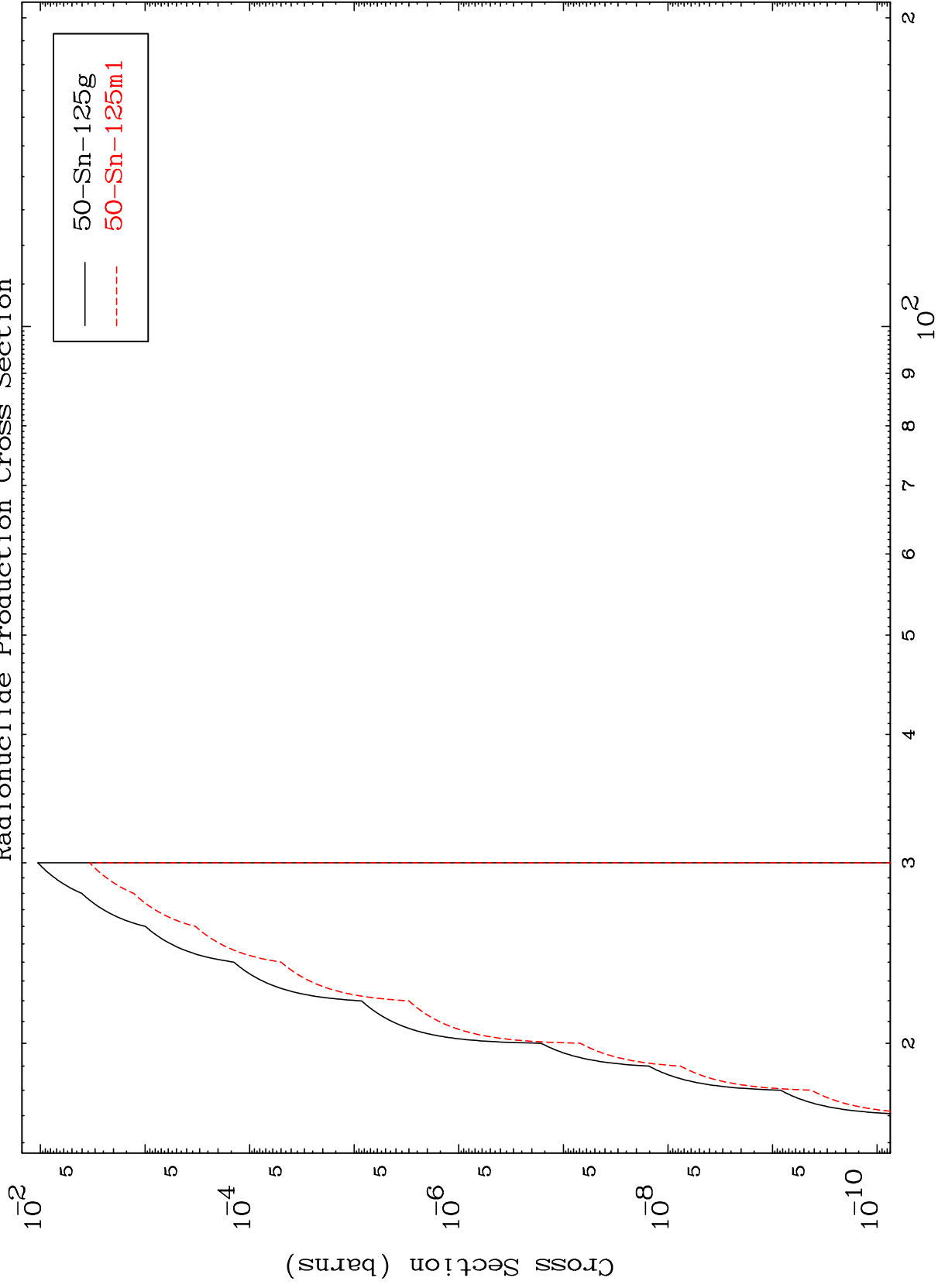


MAT 5070

(n,3n) p

50-Sn-127

Radionuclide Production Cross Section



21

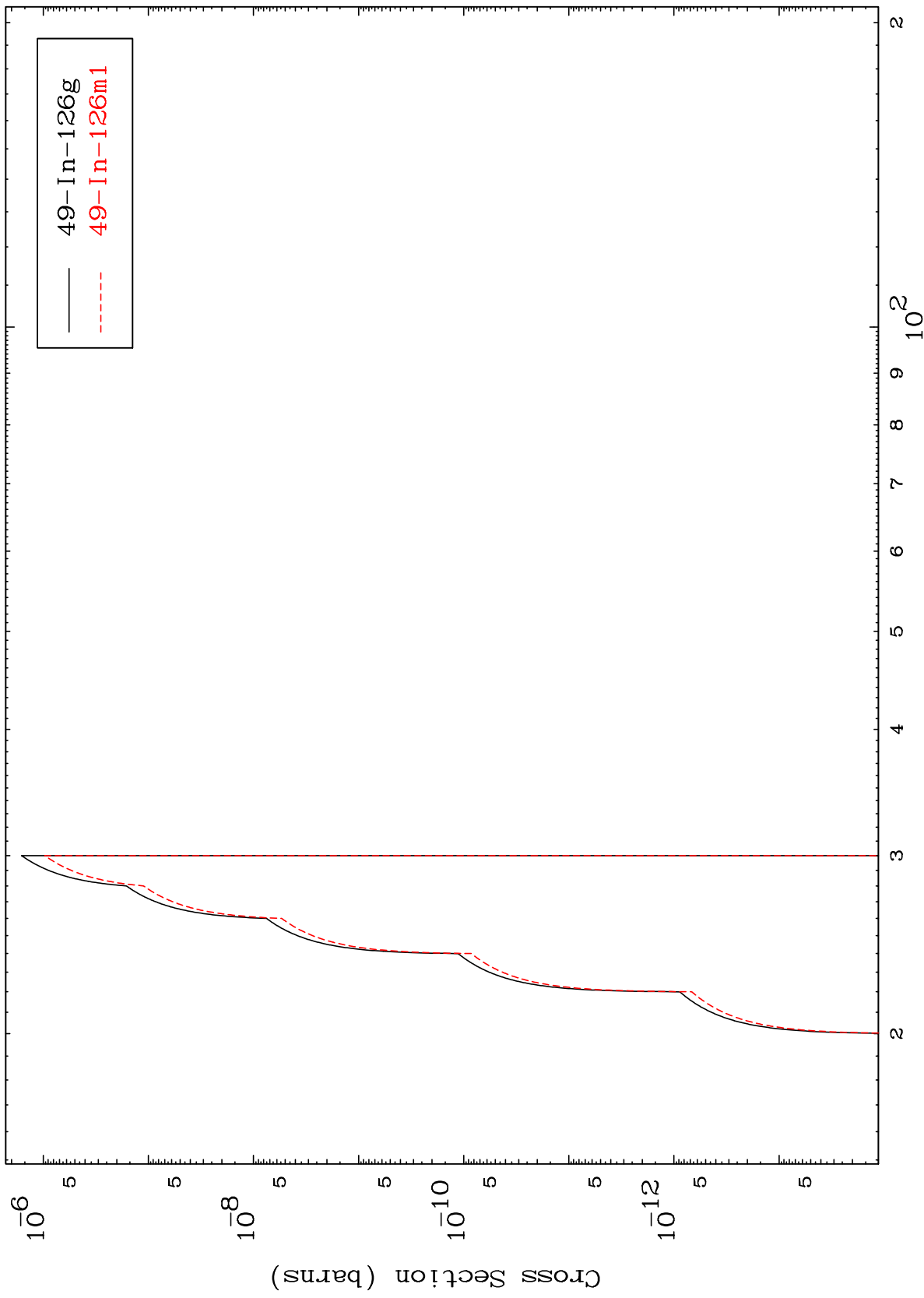
Incident Energy (MeV)

50-Sn-127

MAT 5070

50-Sn-127

(n,2n) p
Radionuclide Production Cross Section



22

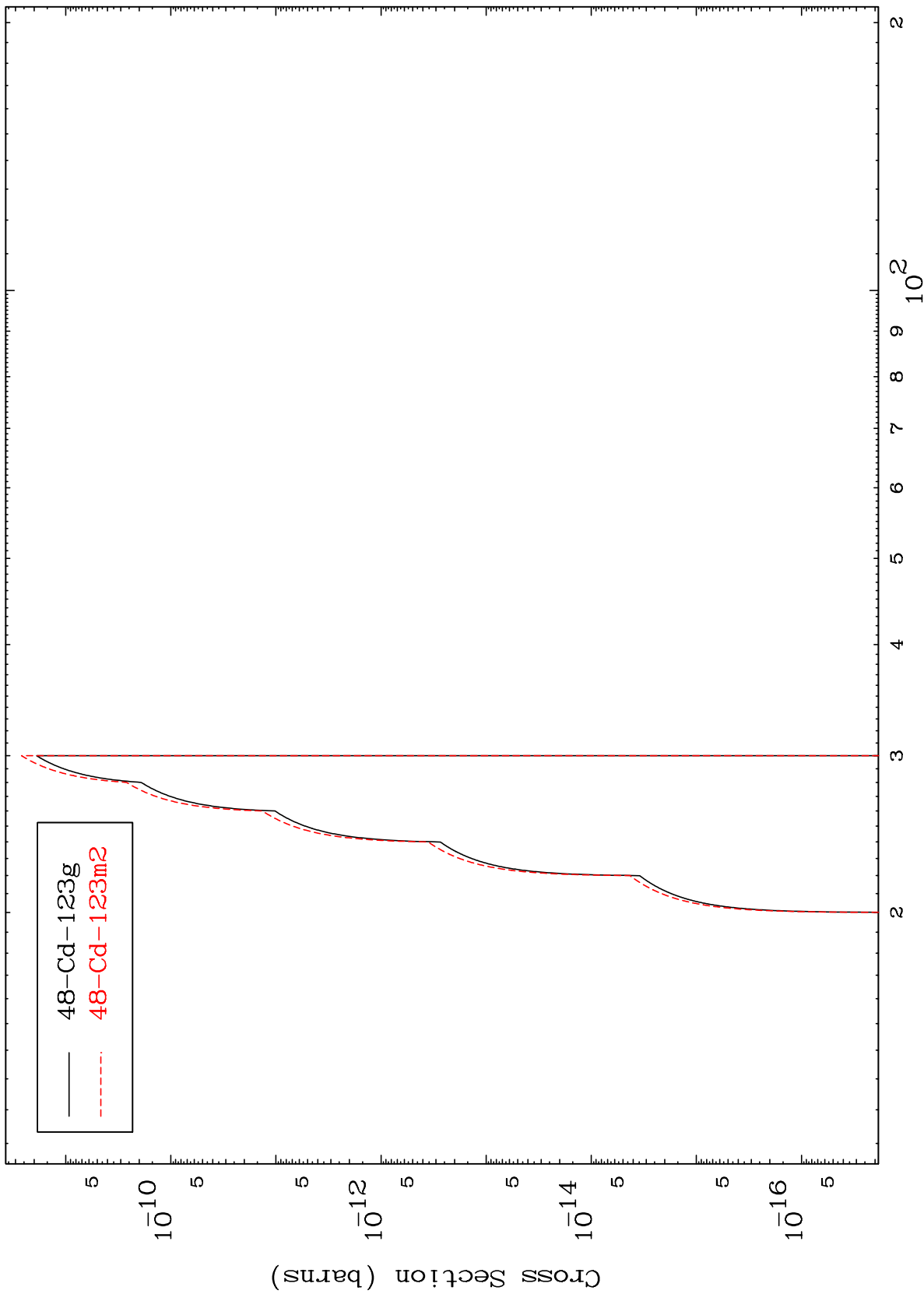
Incident Energy (MeV)

50-Sn-127

MAT 5070

50-Sn-127

(n,n') p α
Radionuclide Production Cross Section



Incident Energy (MeV)

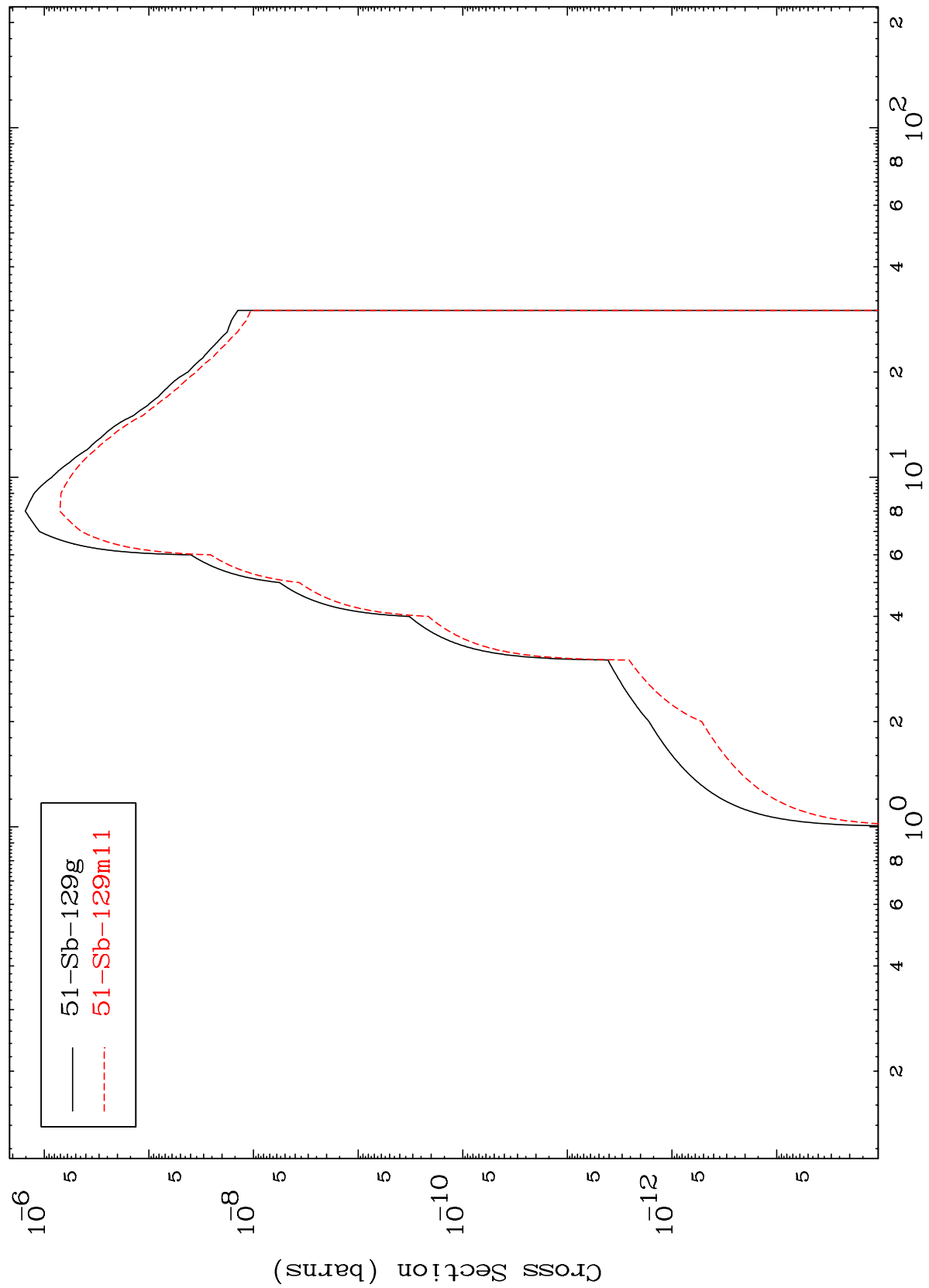
50-Sn-127

23

MAT 5070

50-Sn-127

(n, γ)
Radionuclide Production Cross Section



50-Sn-127

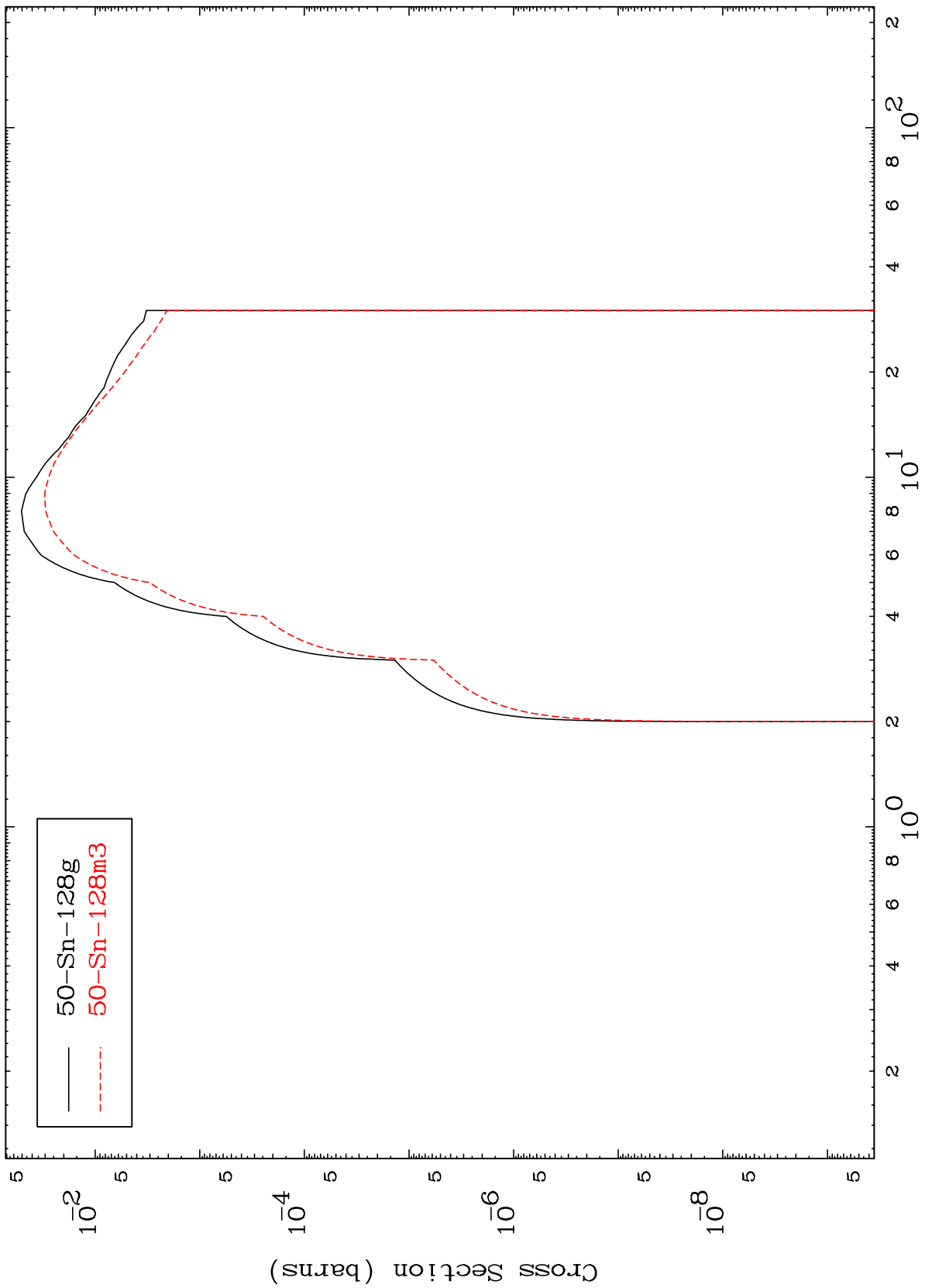
Incident Energy (MeV)

24

MAT 5070

50-Sn-127

(n,p)
Radionuclide Production Cross Section



— 50-Sn-128g
- - - 50-Sn-128m3

25

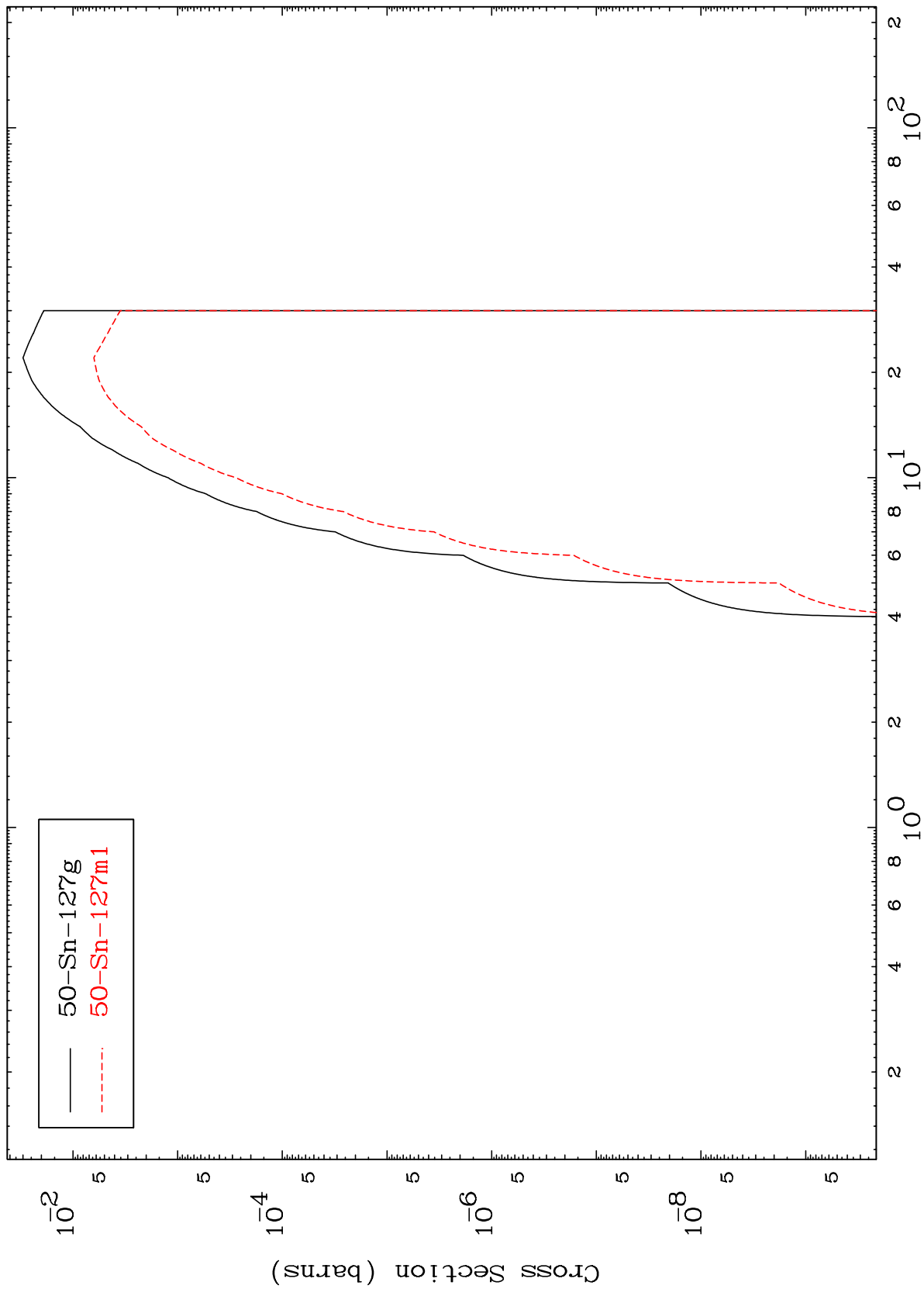
50-Sn-127

Incident Energy (MeV)

MAT 5070

50-Sn-127

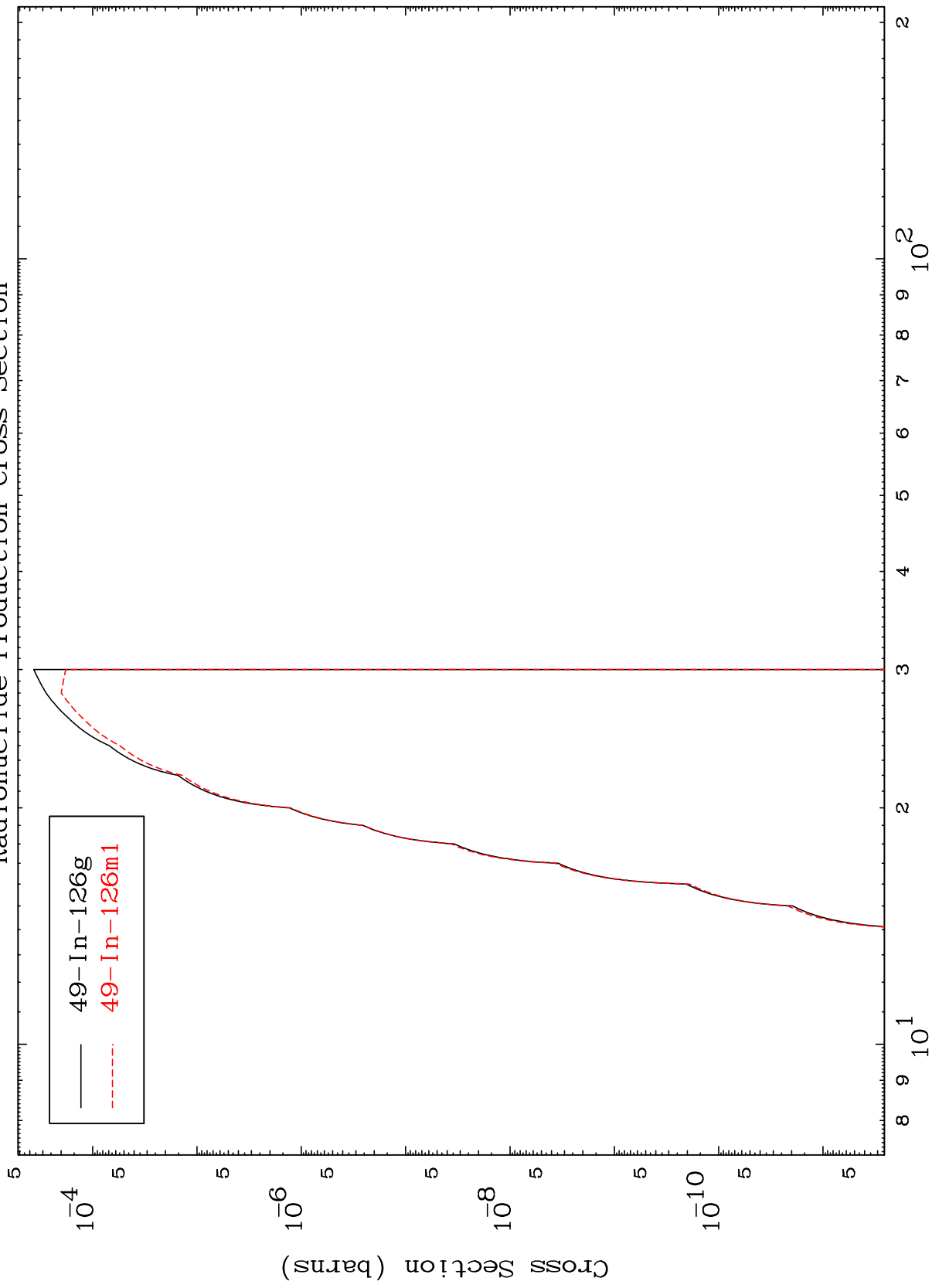
(n,d)
Radionuclide Production Cross Section



MAT 5070

50-Sn-127

Radionuclide Production Cross Section
(n,He-3)



27

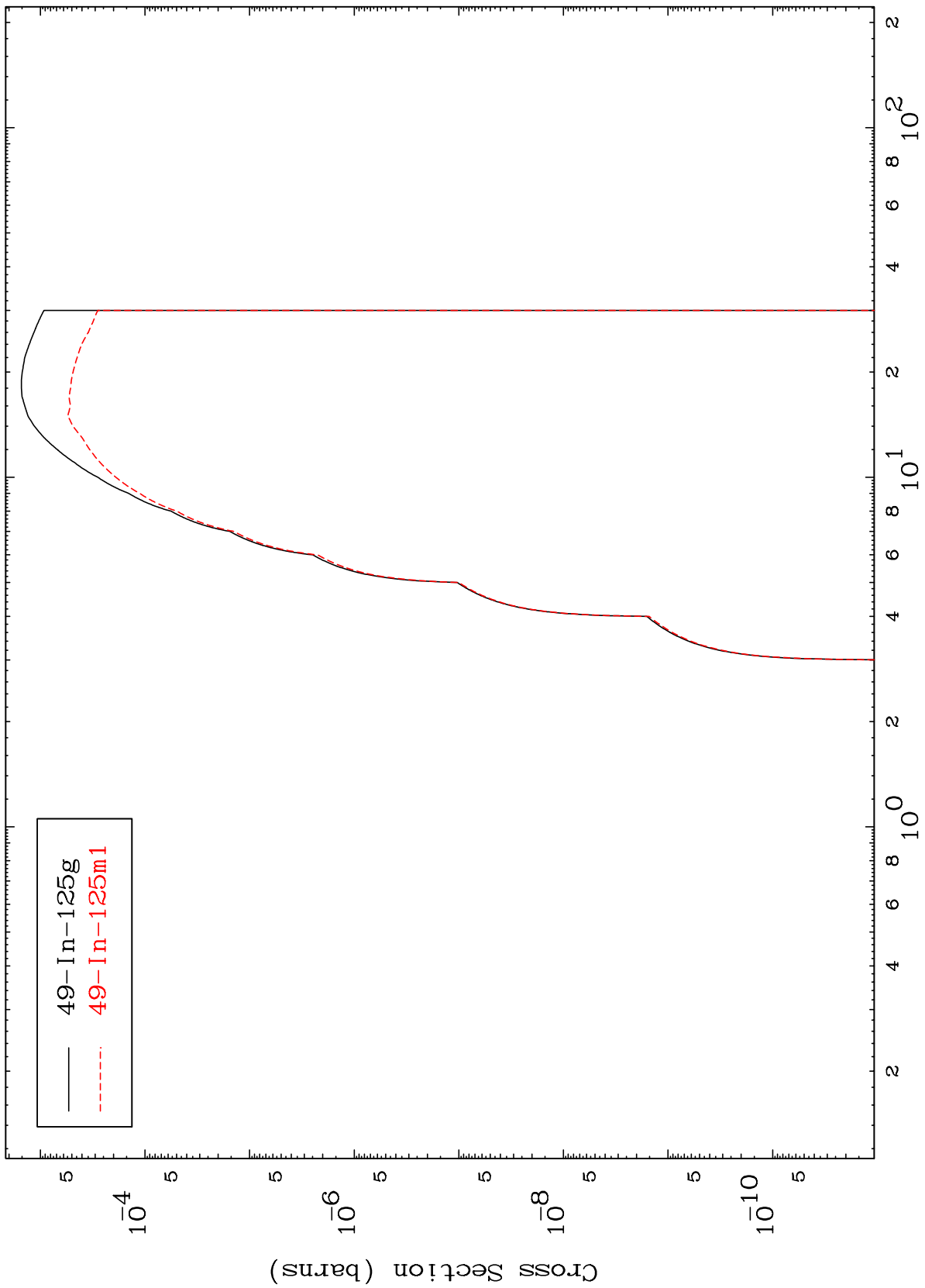
Incident Energy (MeV)

50-Sn-127

MAT 5070

50-Sn-127

(n, α)
Radionuclide Production Cross Section



50-Sn-127

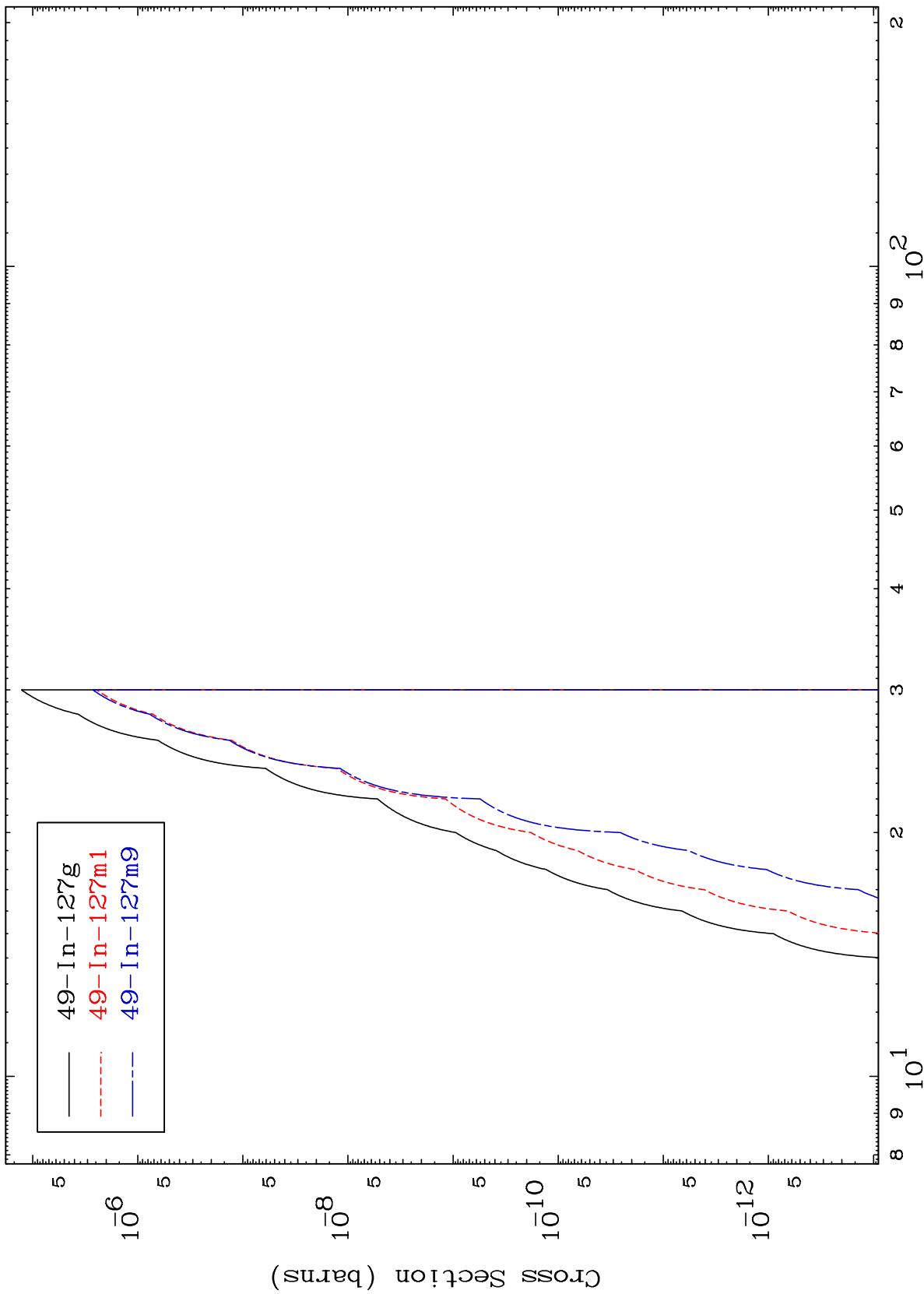
Incident Energy (MeV)

28

MAT 5070

50-Sn-127

(n,2p)
Radionuclide Production Cross Section



49-In-127g
49-In-127m1
49-In-127m9

50-Sn-127

Incident Energy (MeV)

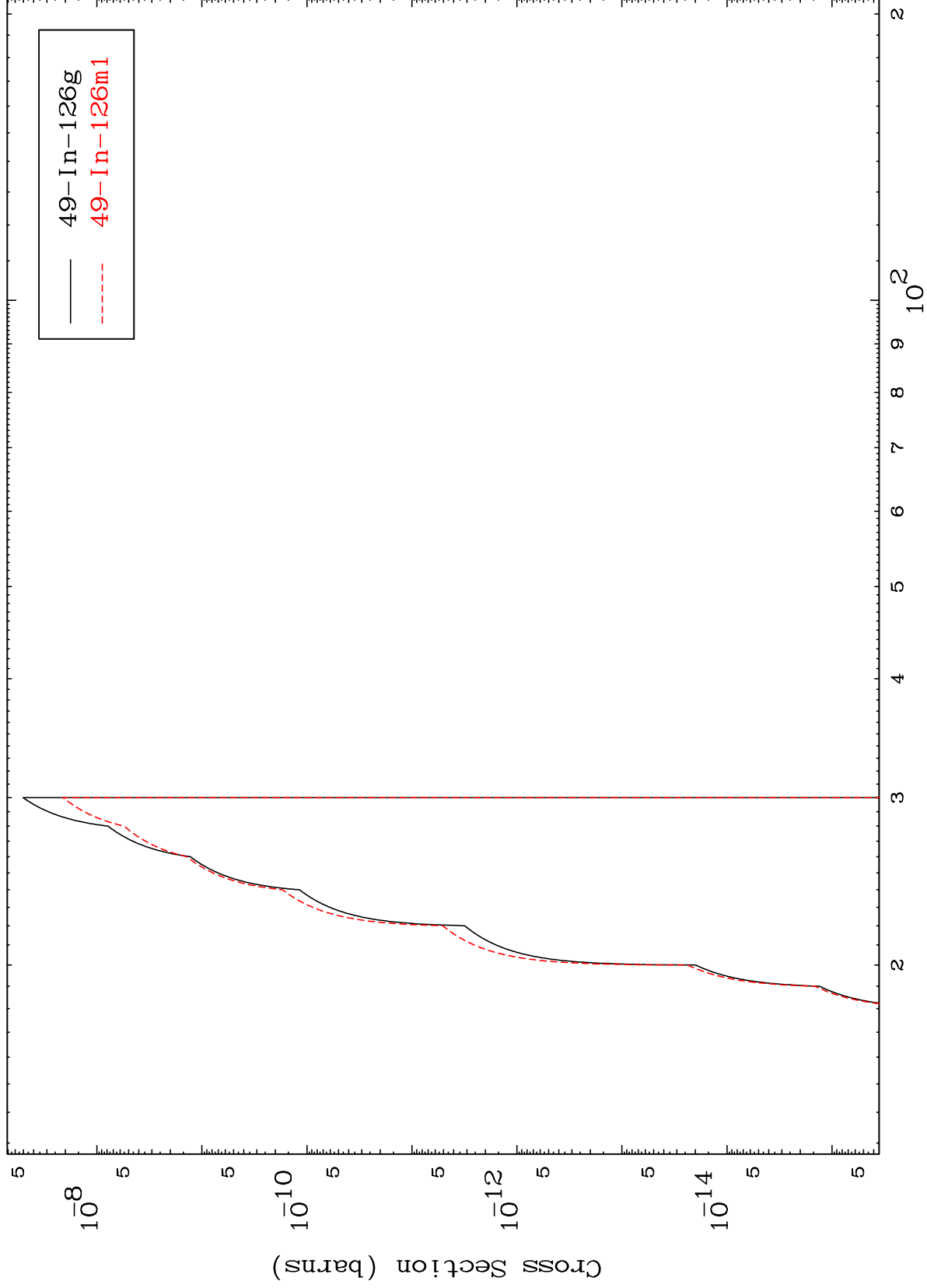
29

MAT 5070

(n,p) d

50-Sn-127

Radionuclide Production Cross Section



30

Incident Energy (MeV)

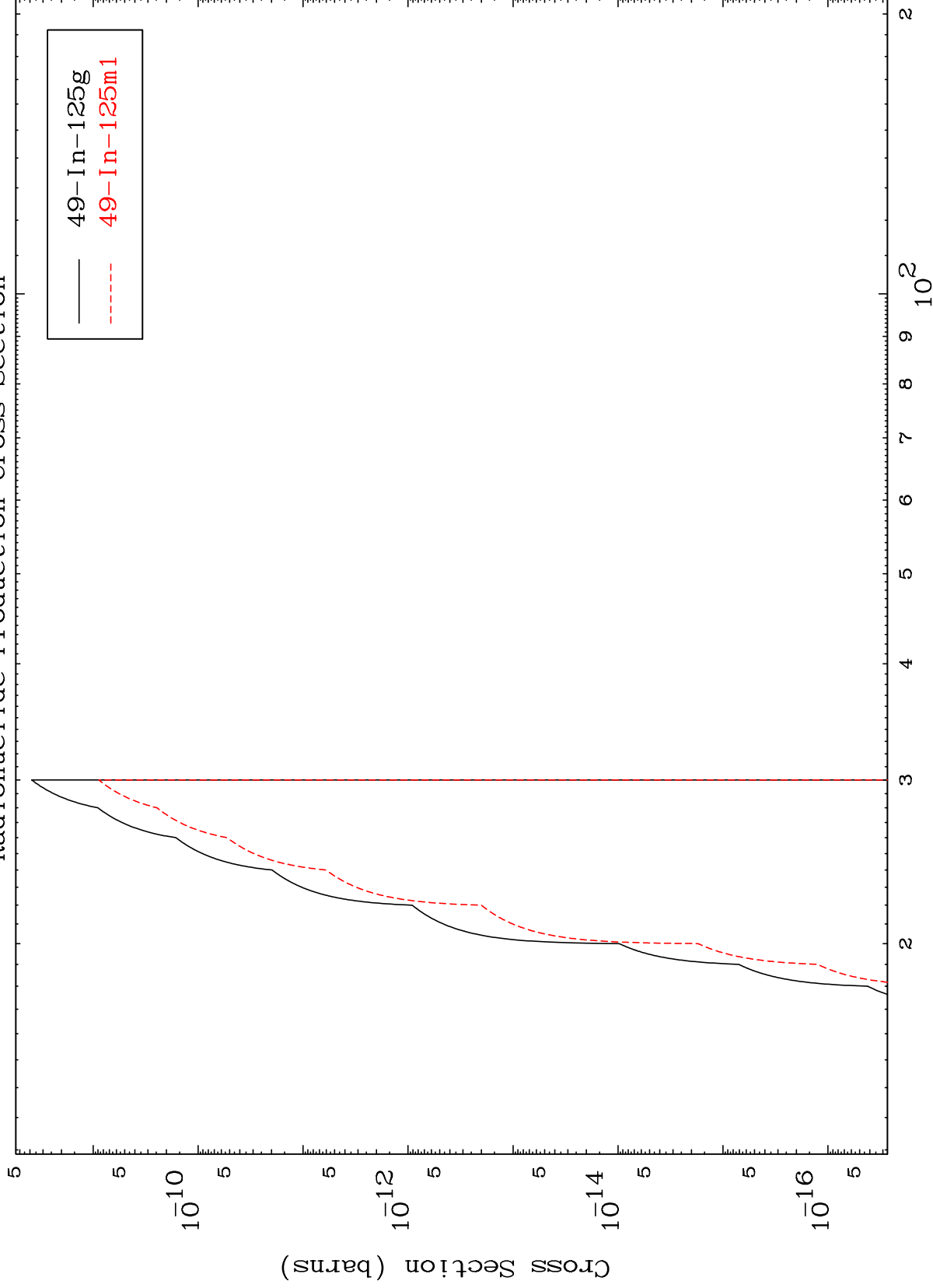
50-Sn-127

MAT 5070

(n,p) t

50-Sn-127

Radionuclide Production Cross Section



31

Incident Energy (MeV)

50-Sn-127