

Program EVALPLOT
(Version 2021-1)

by

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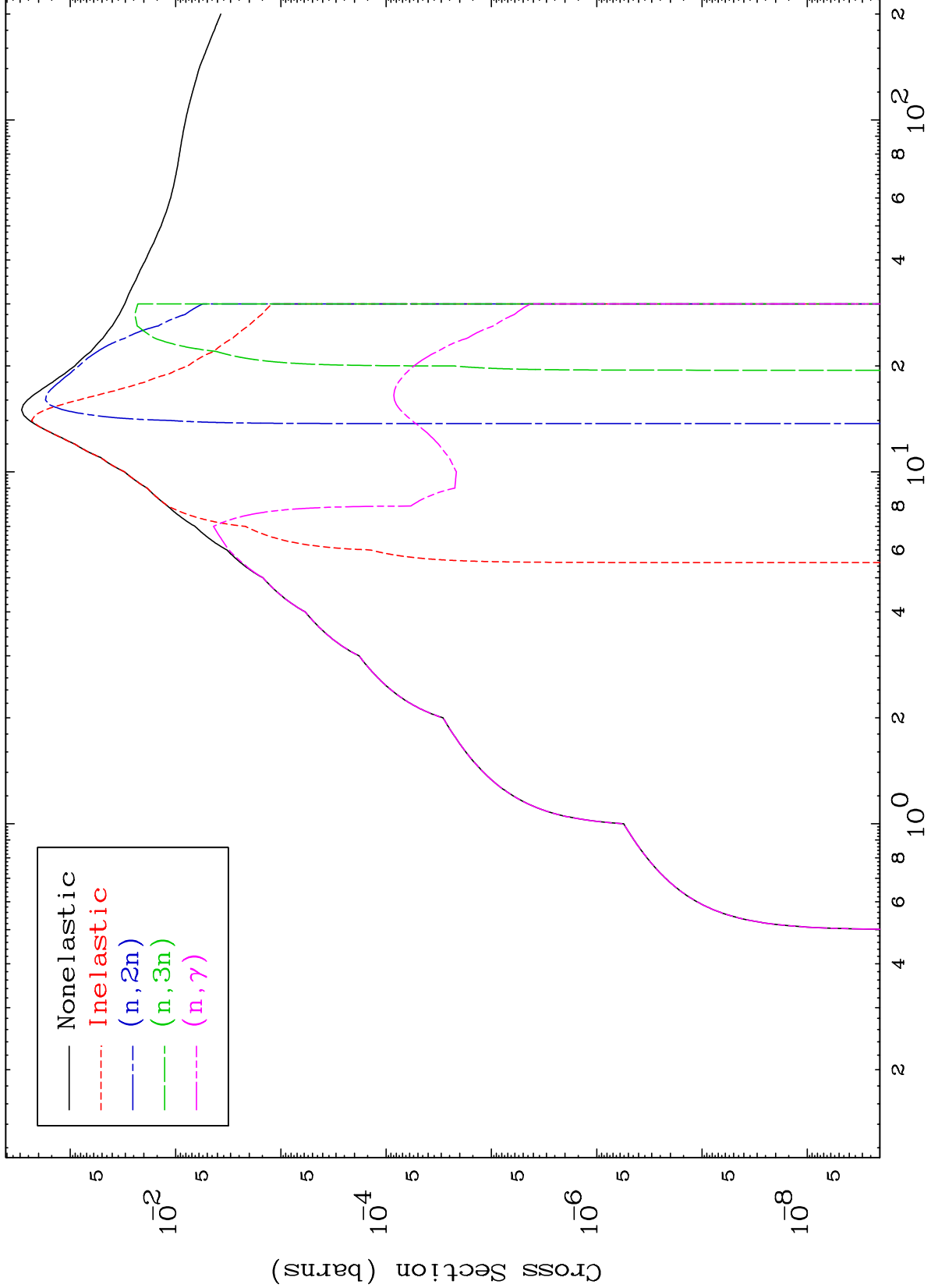
Press Mouse Button to Start

MAT 5070

Photon Major

50-Sn-127

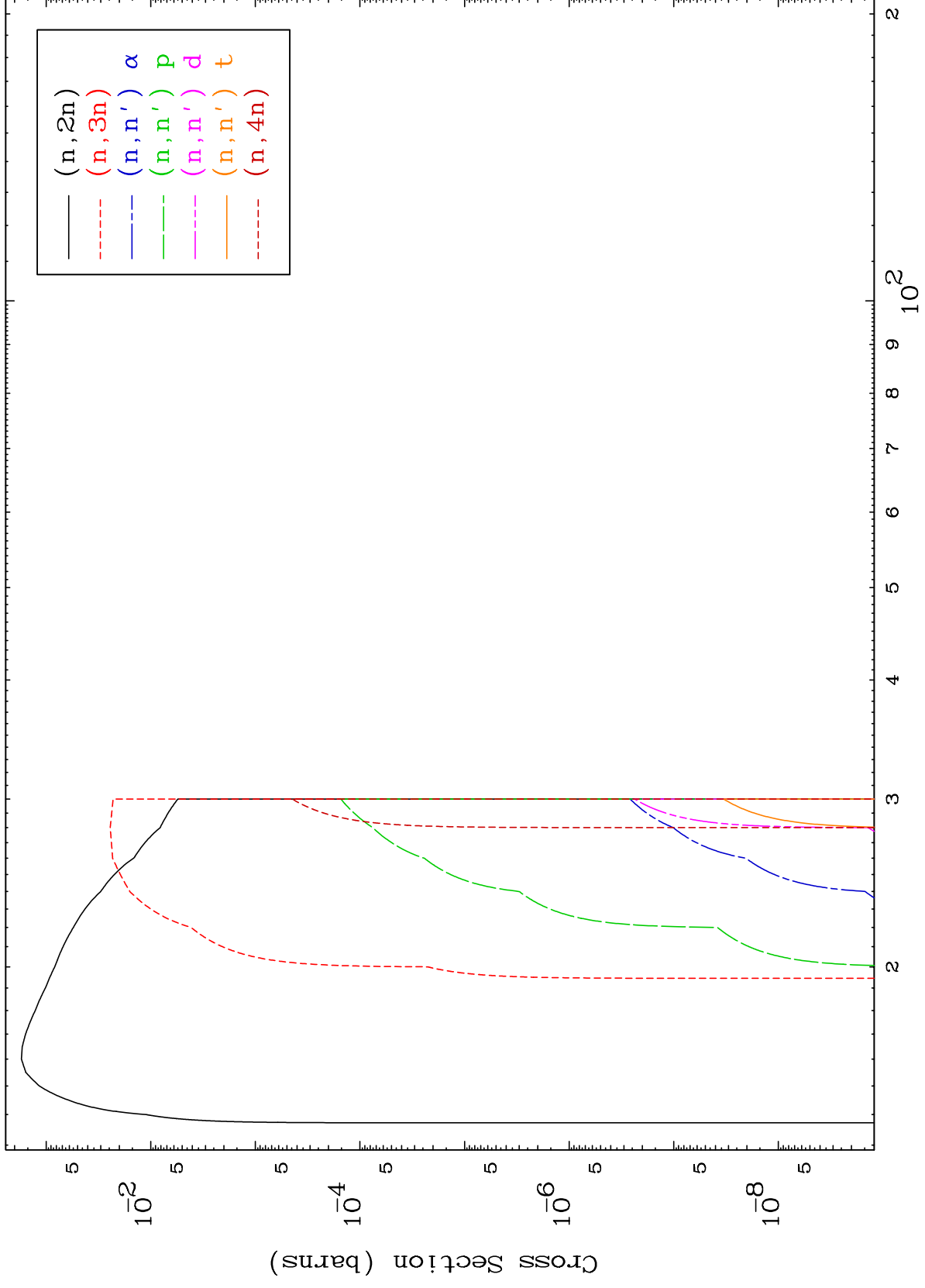
0 Kelvin Cross Sections



MAT 5070

Photon Neutron Absorption
0 Kelvin Cross Sections

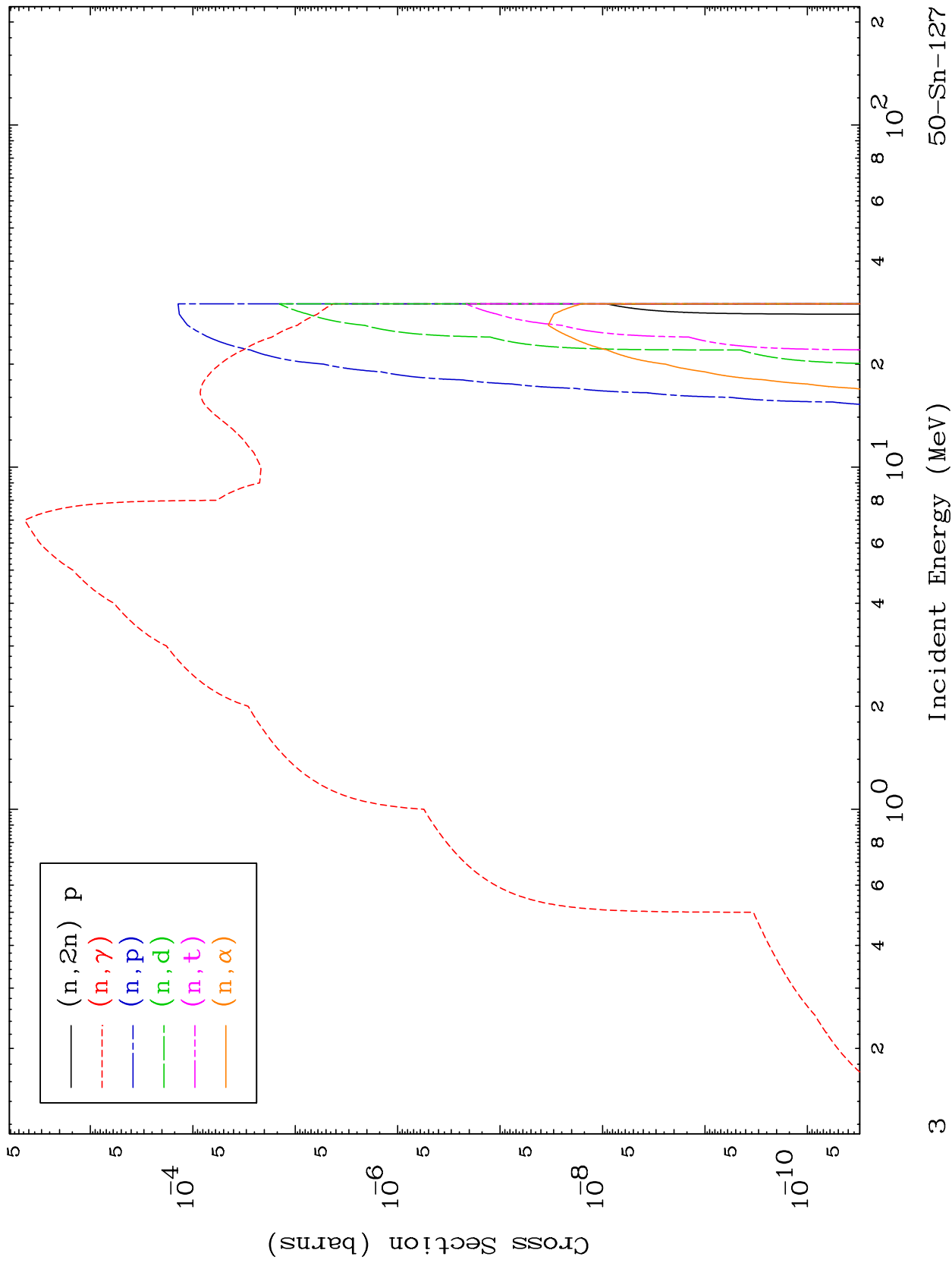
50-Sn-127



2

Incident Energy (MeV)

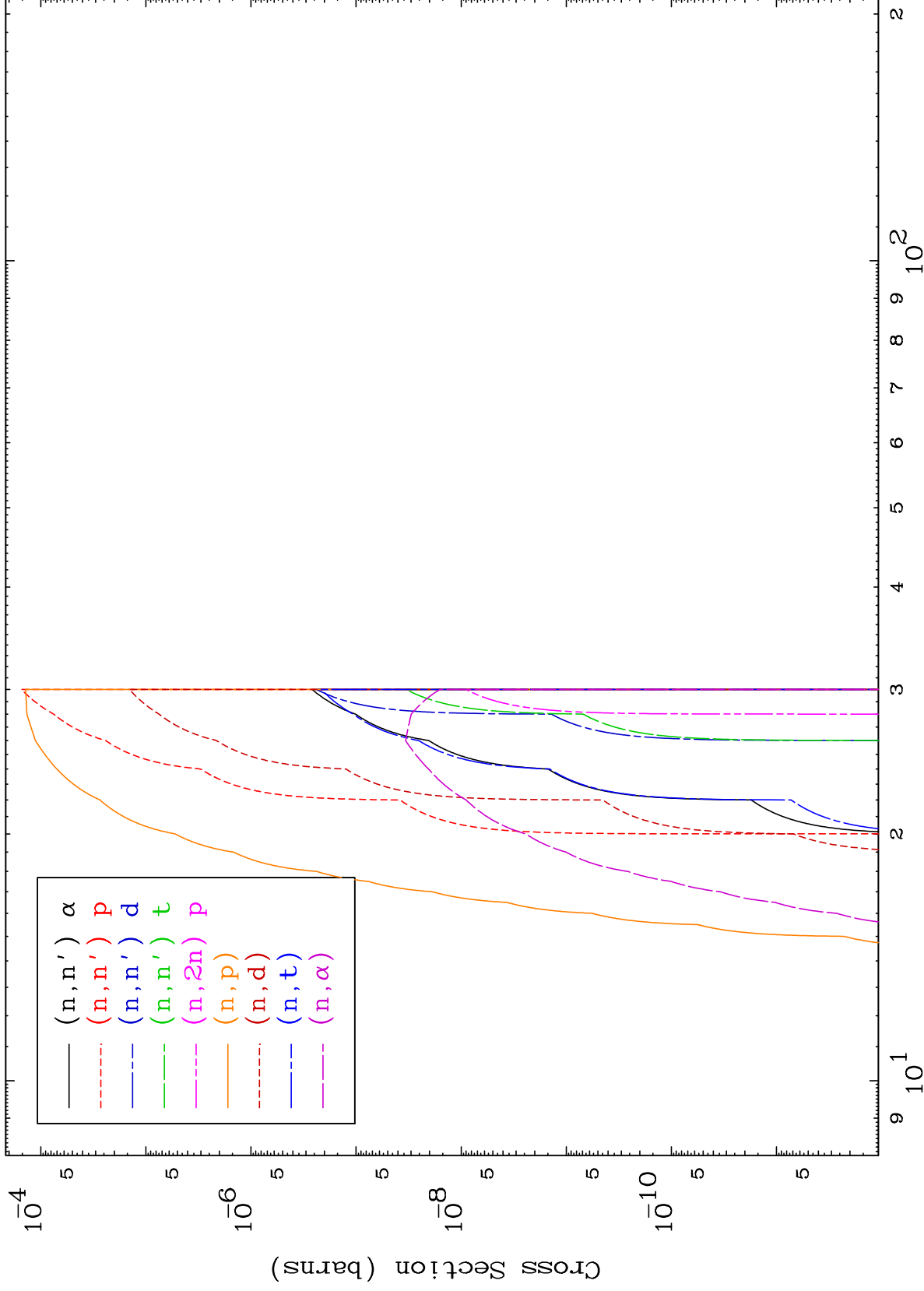
50-Sn-127



MAT 5070

Photon Charged Particle
0 Kelvin Cross Sections

50-Sn-127



50-Sn-127

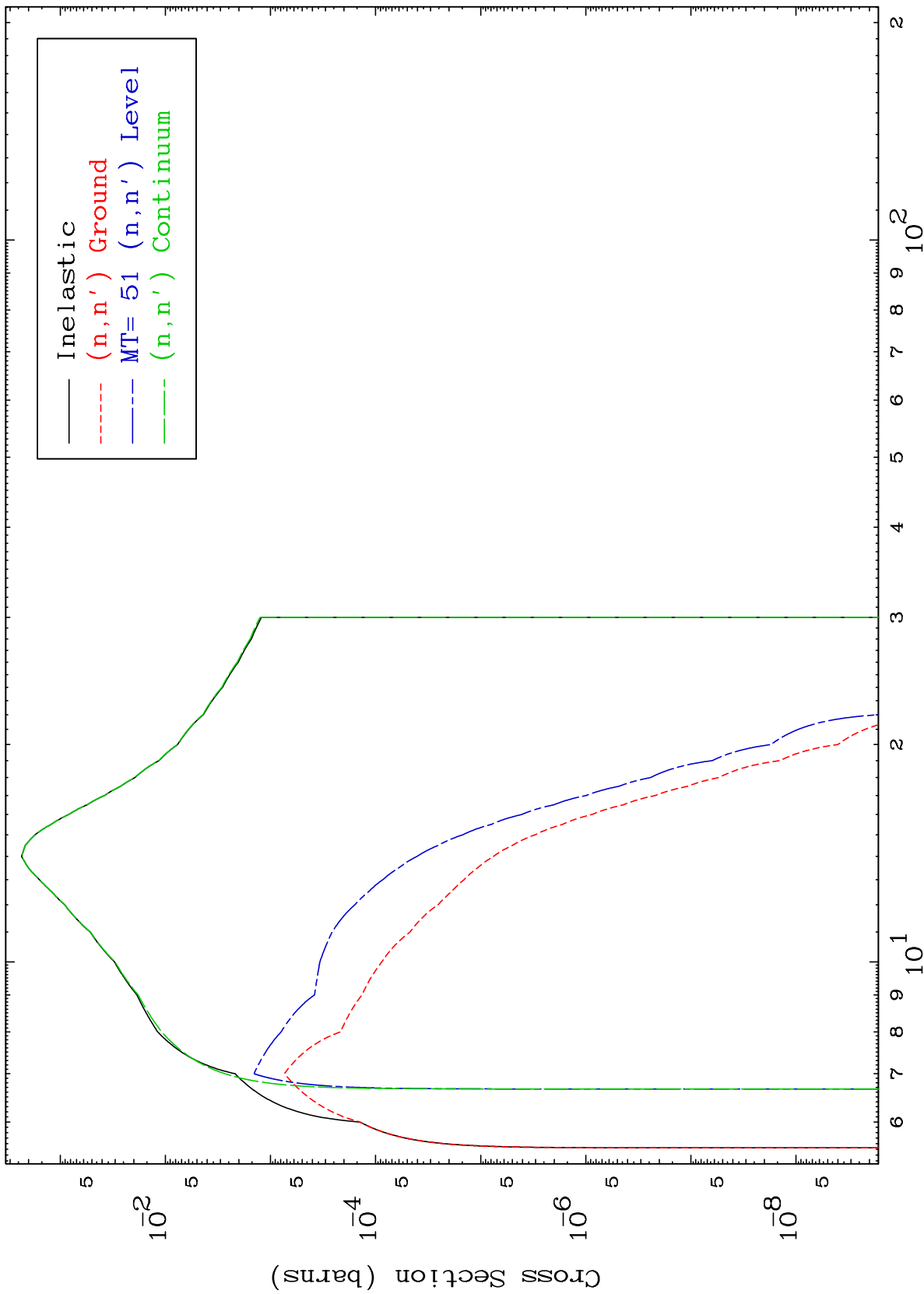
Incident Energy (MeV)

4

MAT 5070

50-Sn-127

(γ, n') Levels
0 Kelvin Cross Sections



50-Sn-127

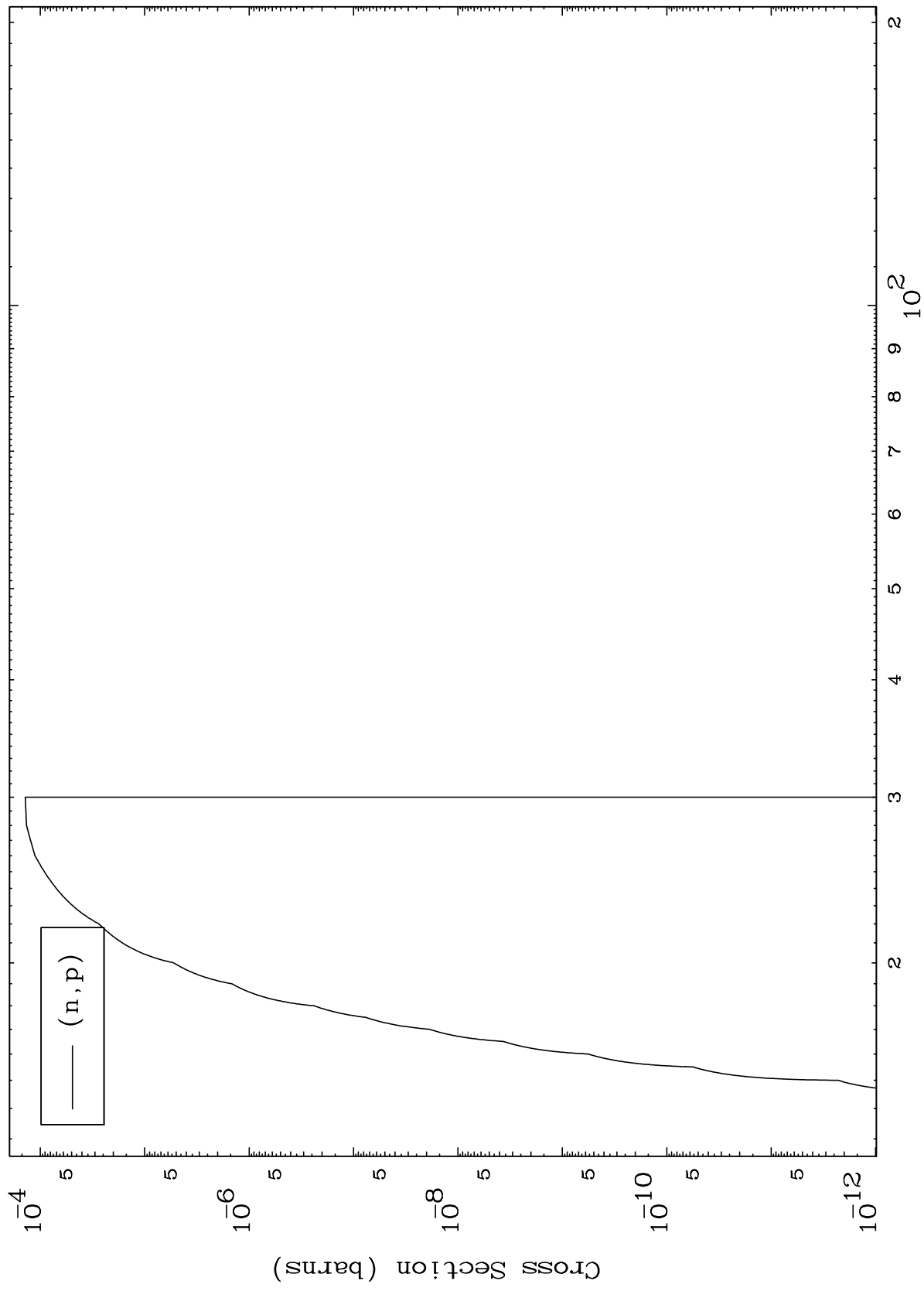
Incident Energy (MeV)

5

MAT 5070

(γ, p) Levels
0 Kelvin Cross Sections

50-Sn-127



Incident Energy (MeV)

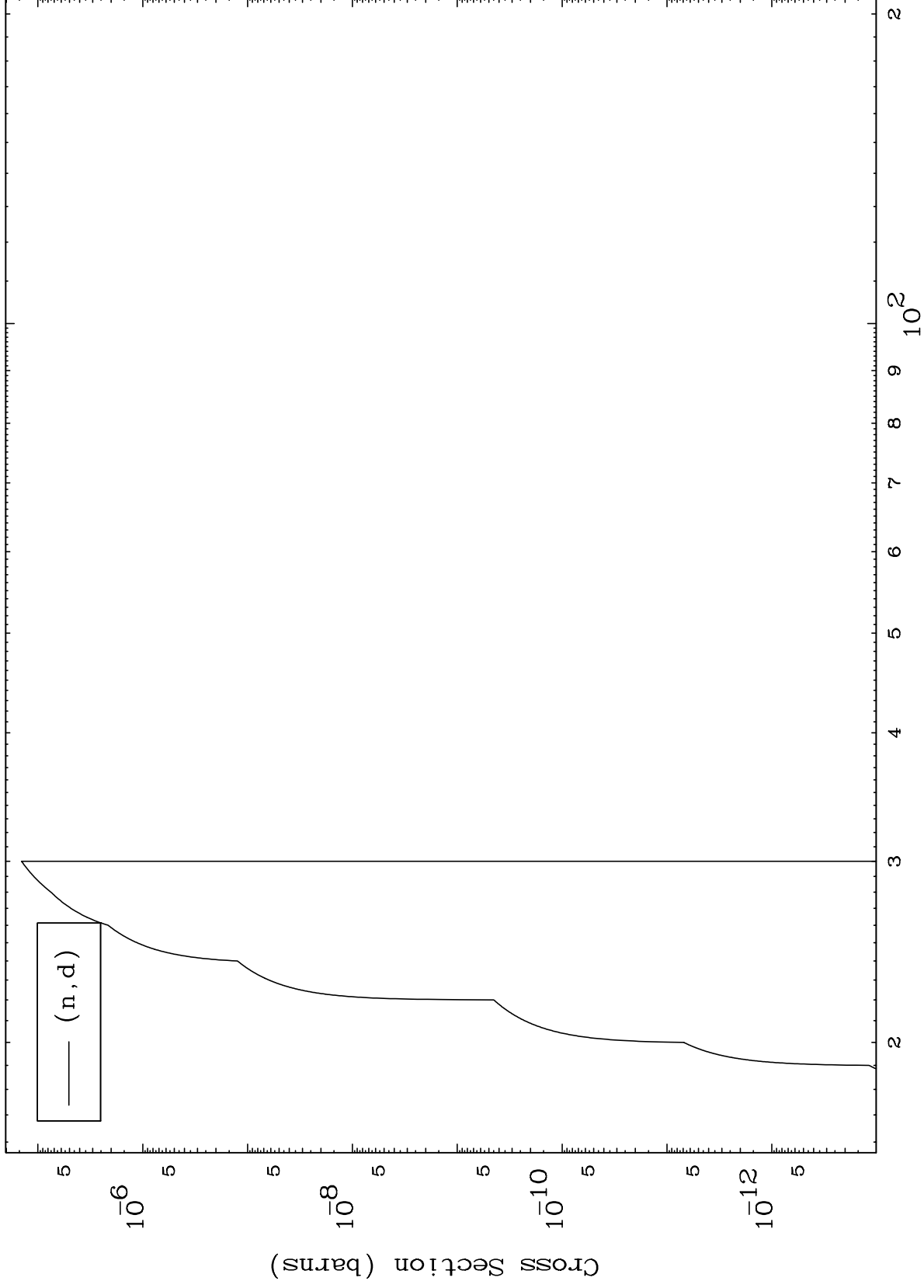
50-Sn-127

6

MAT 5070

(γ, d) Levels
0 Kelvin Cross Sections

50-Sn-127



7

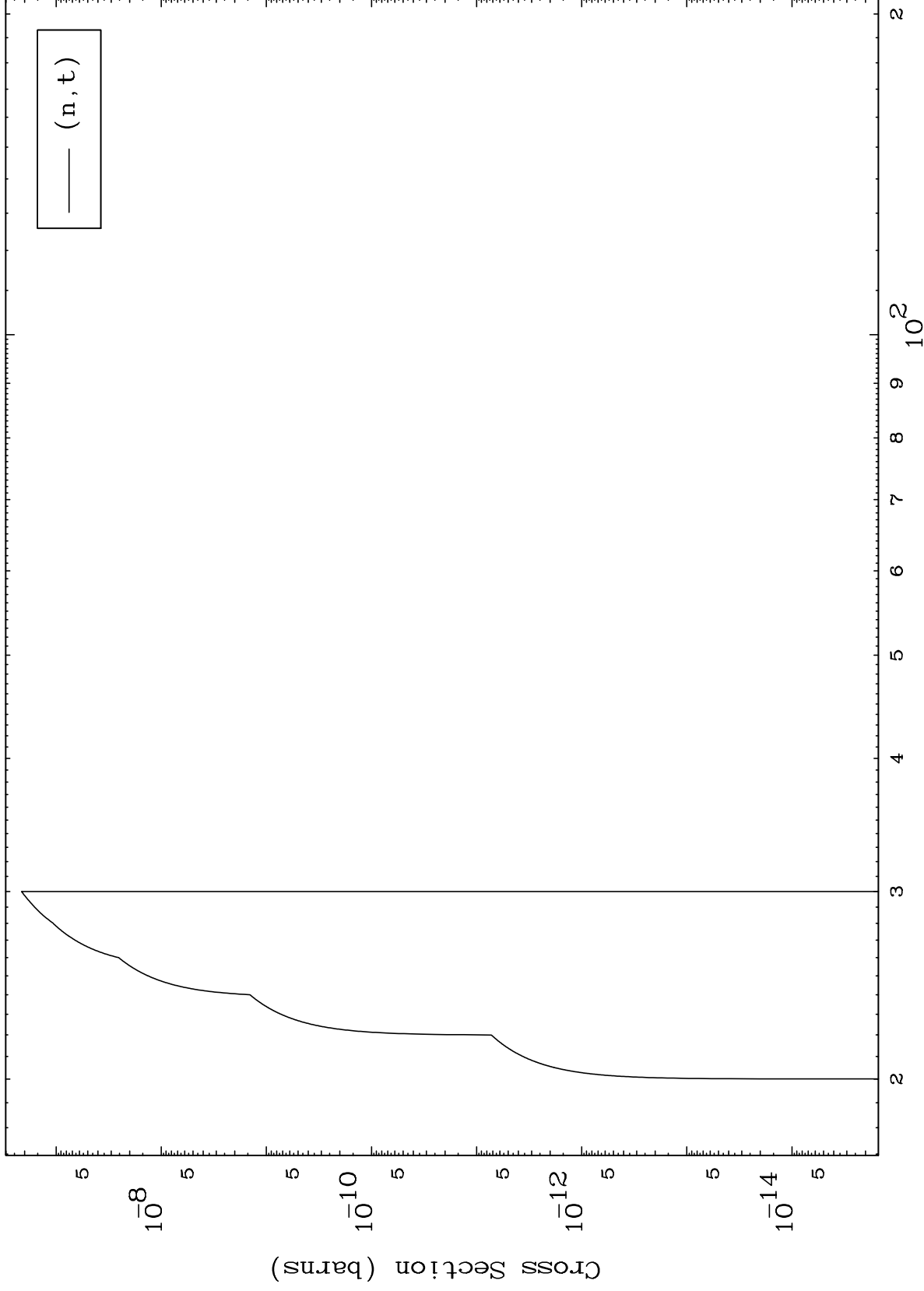
Incident Energy (MeV)

50-Sn-127

MAT 5070

(γ, t) Levels
0 Kelvin Cross Sections

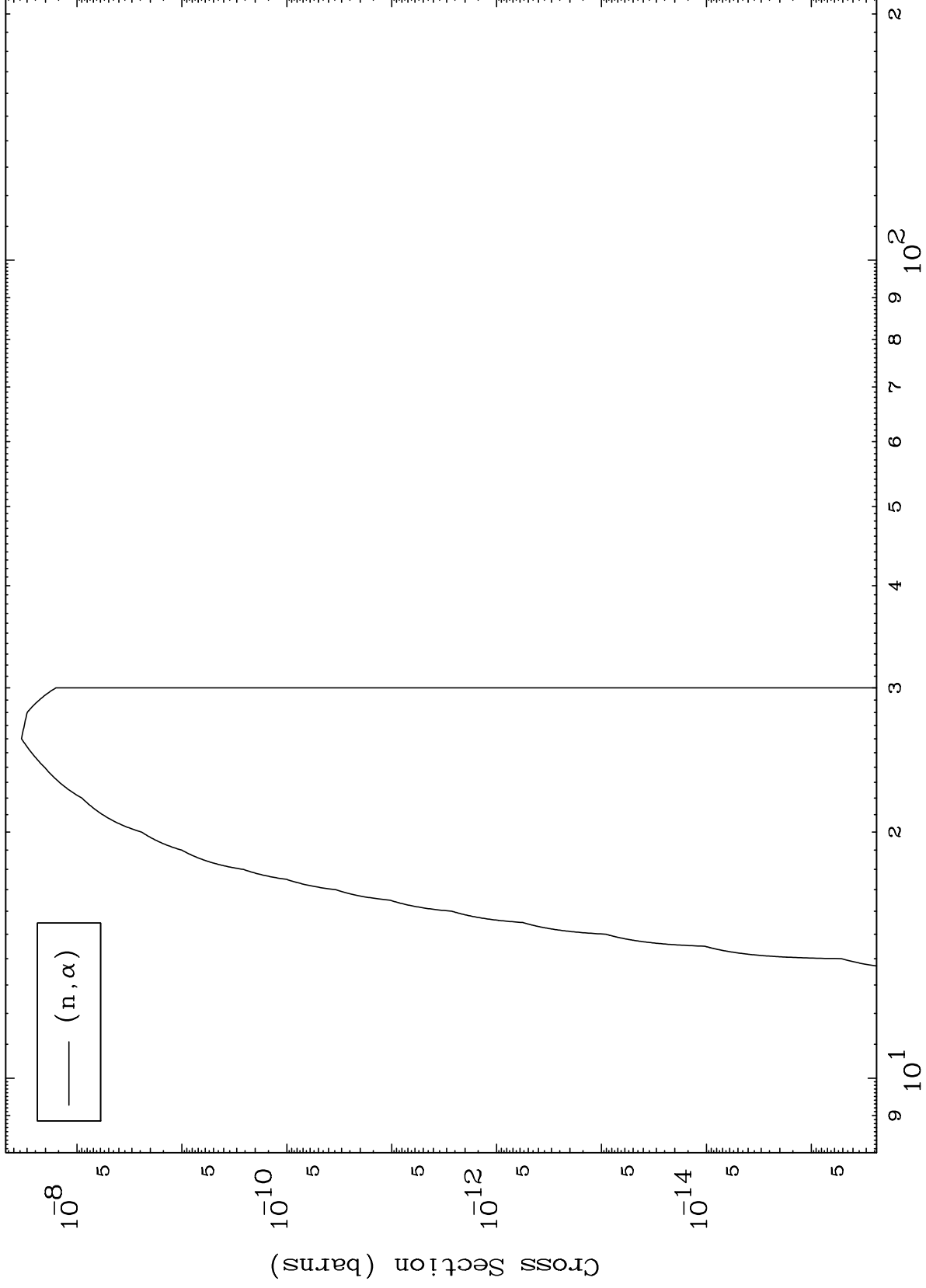
50-Sn-127



MAT 5070

(γ, α) Levels
0 Kelvin Cross Sections

50-Sn-127



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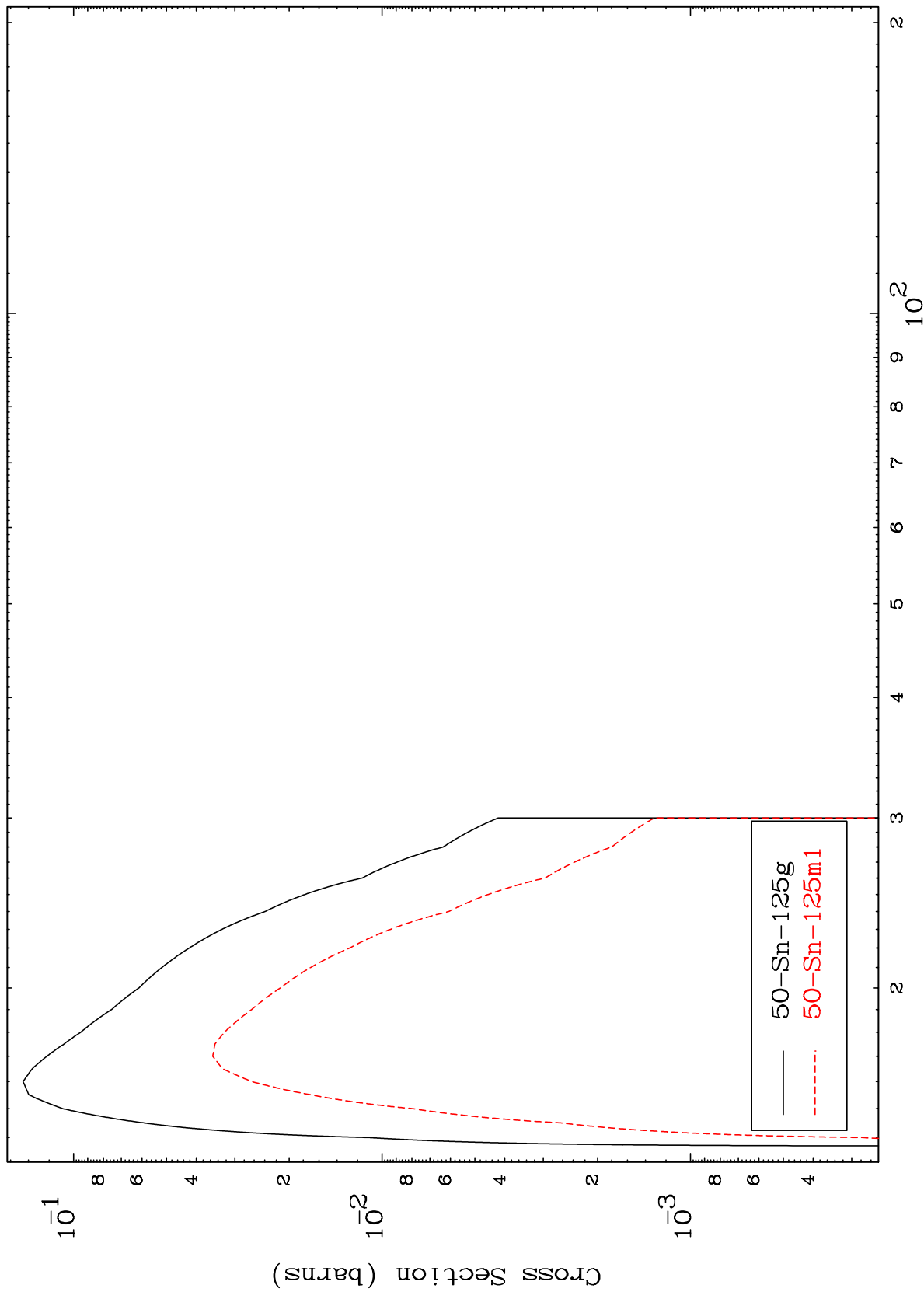
Incident Energy (MeV)

50-Sn-127

MAT 5070

50-Sn-127

(n,2n)
Radionuclide Production Cross Section



50-Sn-127

Incident Energy (MeV)

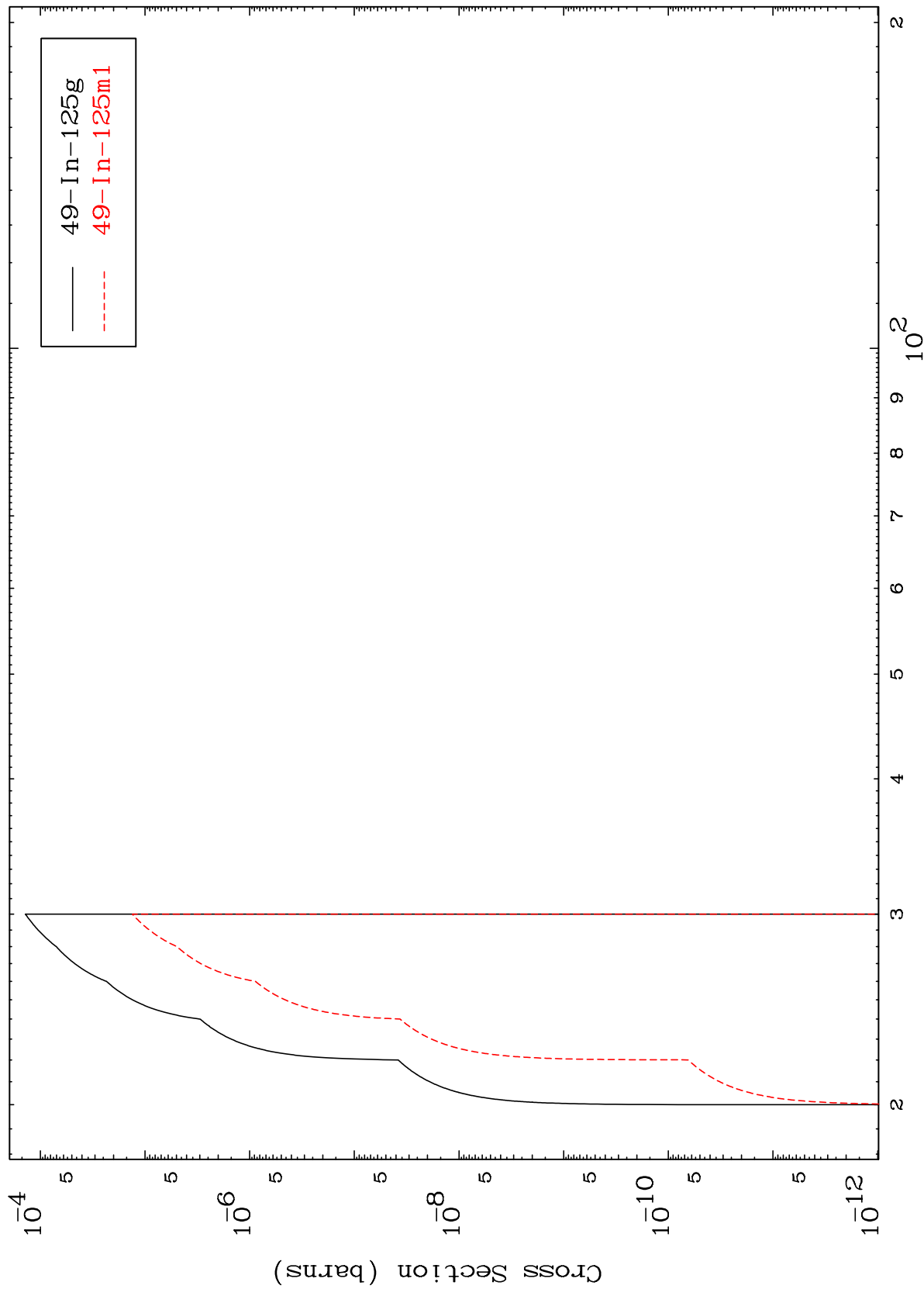
10

MAT 5070

(n,n') p

50-Sn-127

Radionuclide Production Cross Section

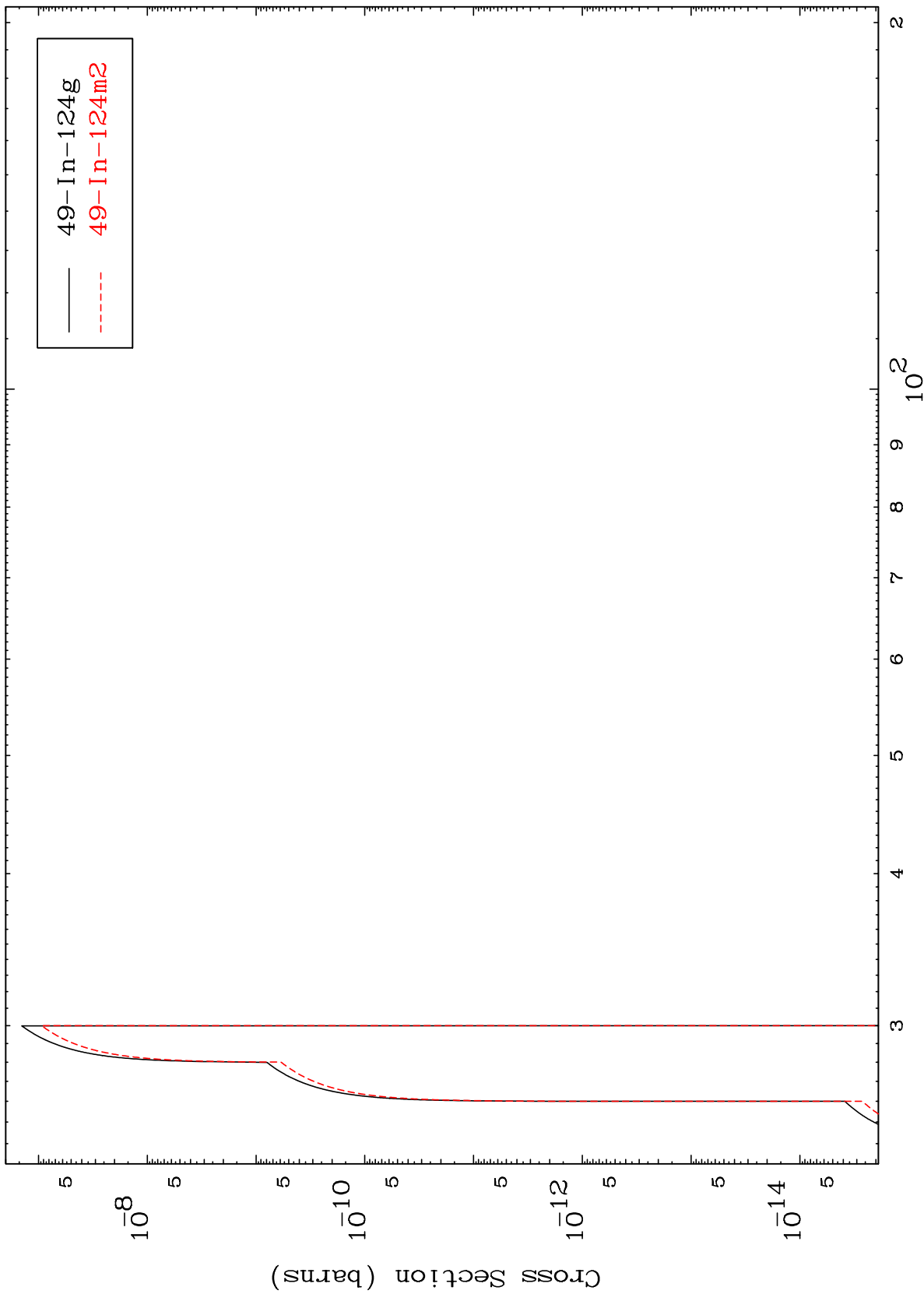


11

Incident Energy (MeV)

50-Sn-127

Radionuclide Production Cross Section



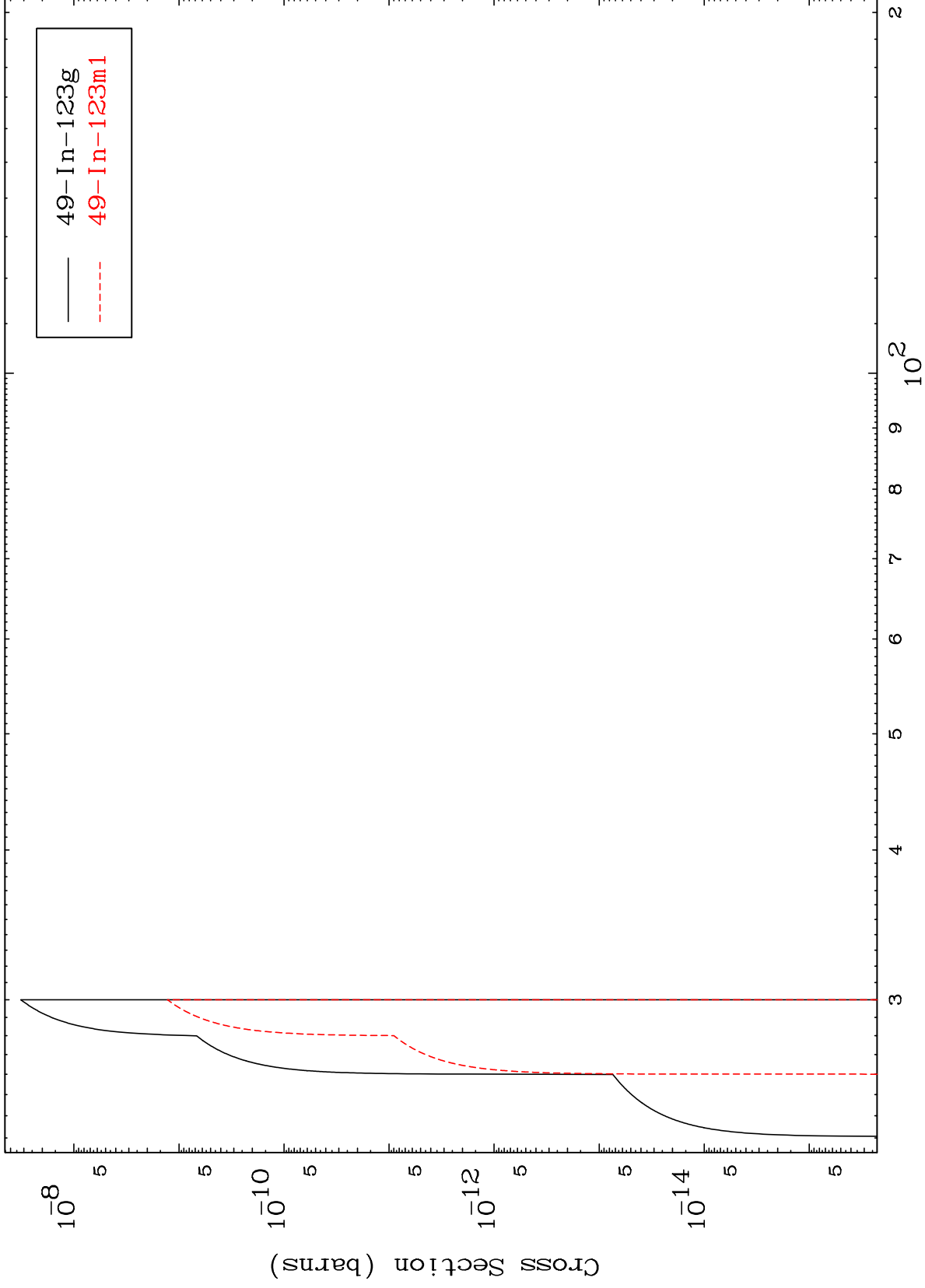
49-In-124g
49-In-124m2

MAT 5070

(n,n') t

50-Sn-127

Radionuclide Production Cross Section



13

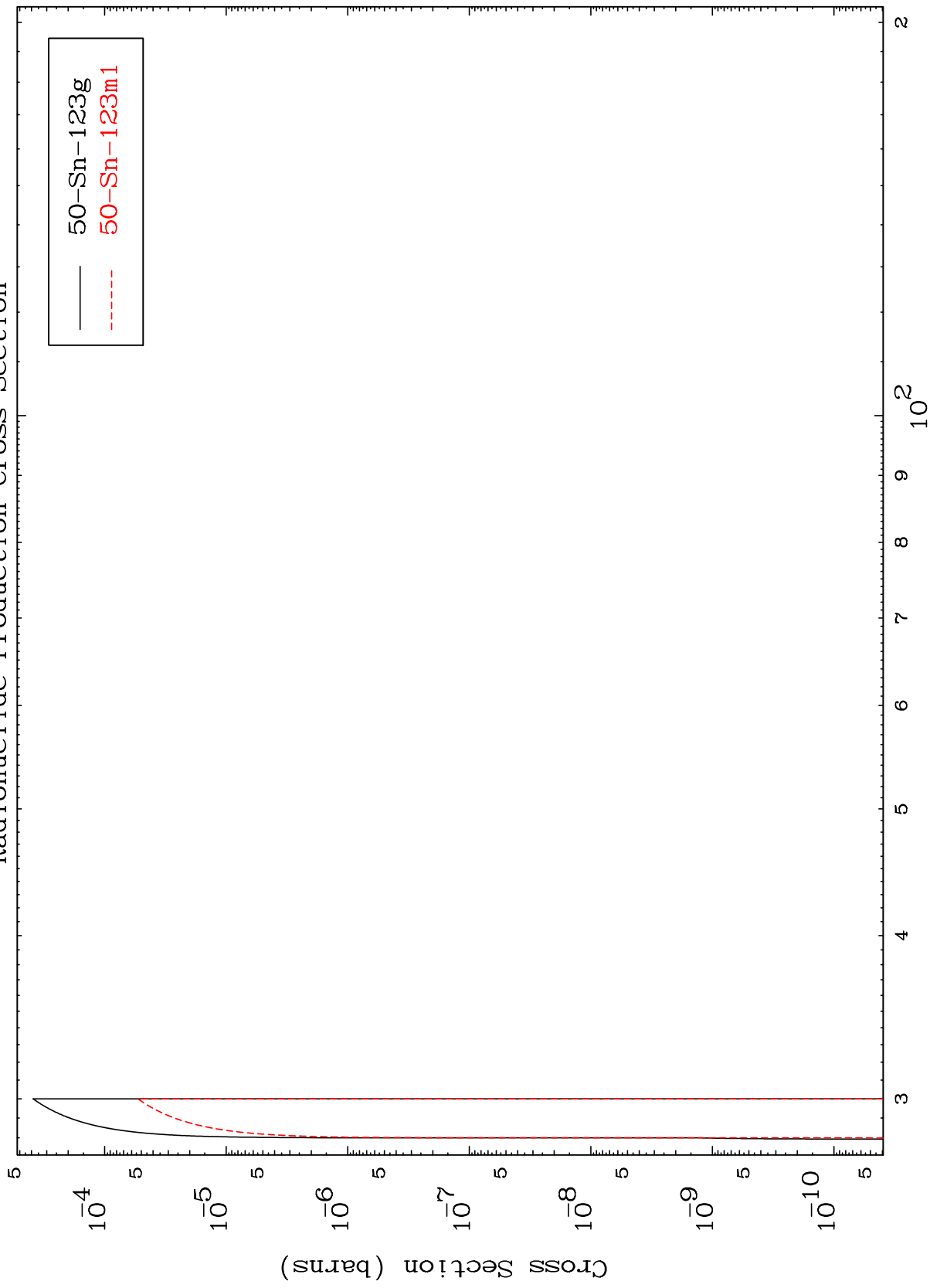
Incident Energy (MeV)

50-Sn-127

MAT 5070

50-Sn-127

(n,4n)
Radionuclide Production Cross Section



50-Sn-127

Incident Energy (MeV)

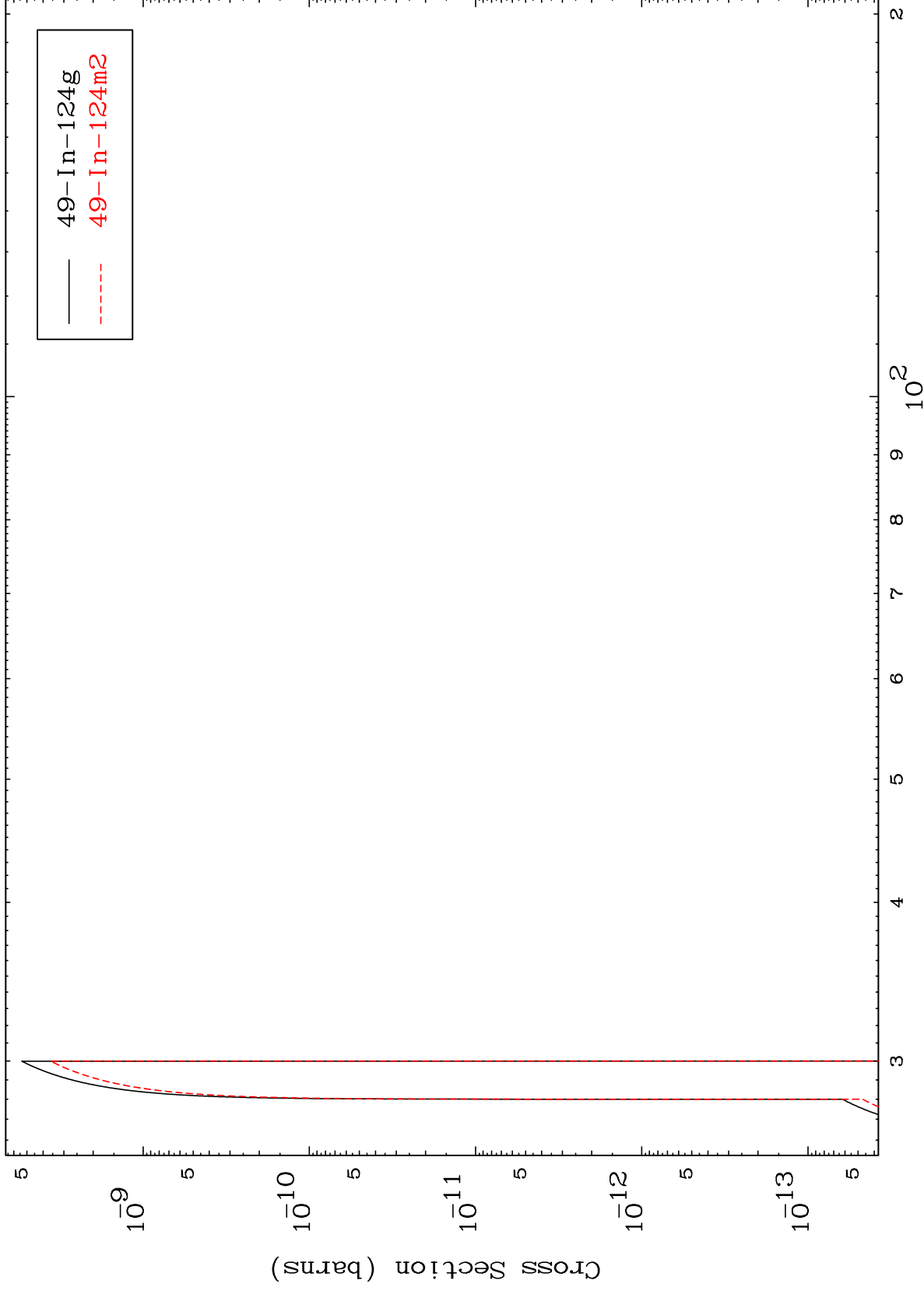
14

MAT 5070

(n,2n) p

50-Sn-127

Radionuclide Production Cross Section



15

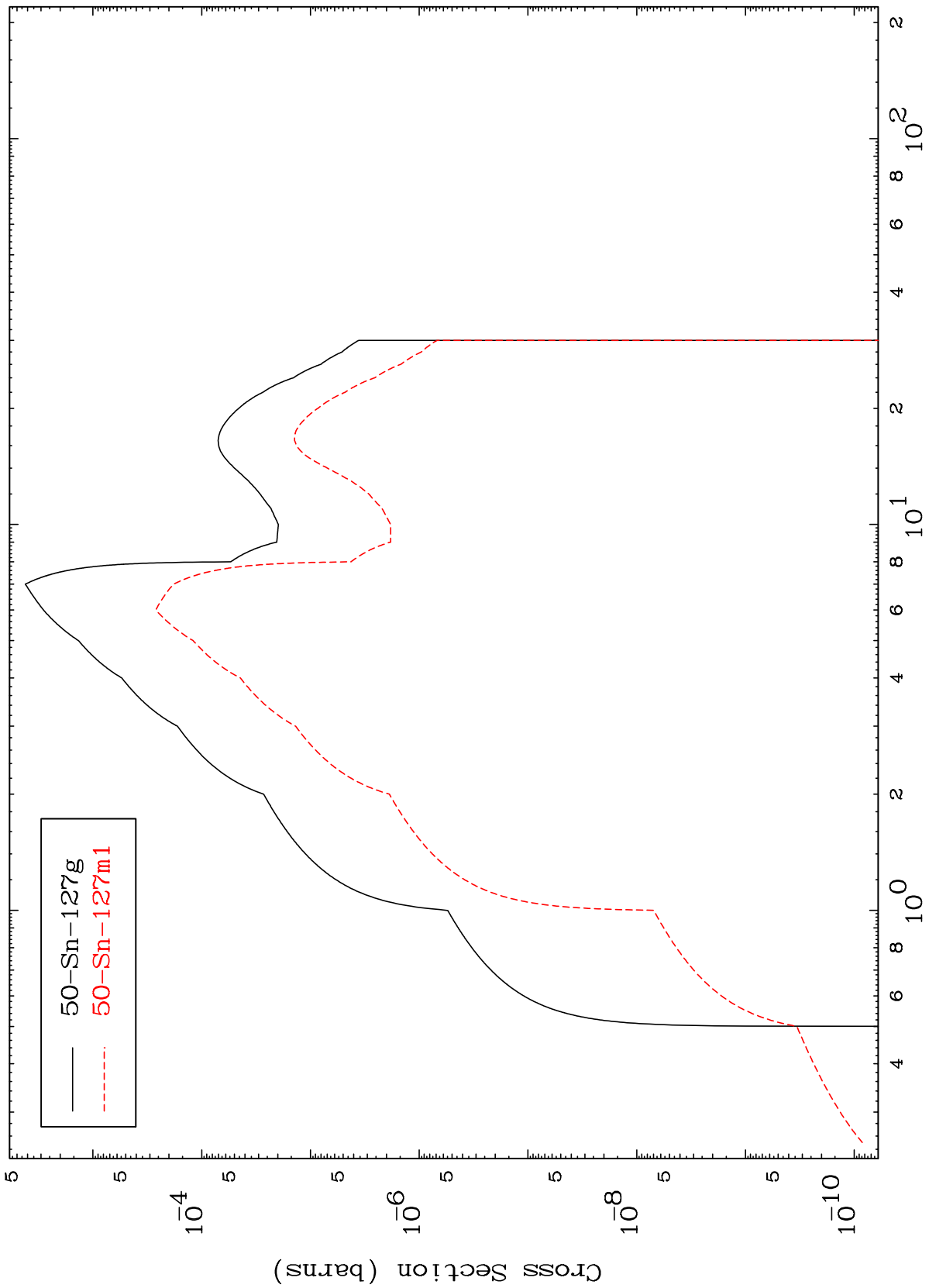
Incident Energy (MeV)

50-Sn-127

MAT 5070

50-Sn-127

(n, γ)
Radionuclide Production Cross Section



50-Sn-127g
50-Sn-127m1

50-Sn-127

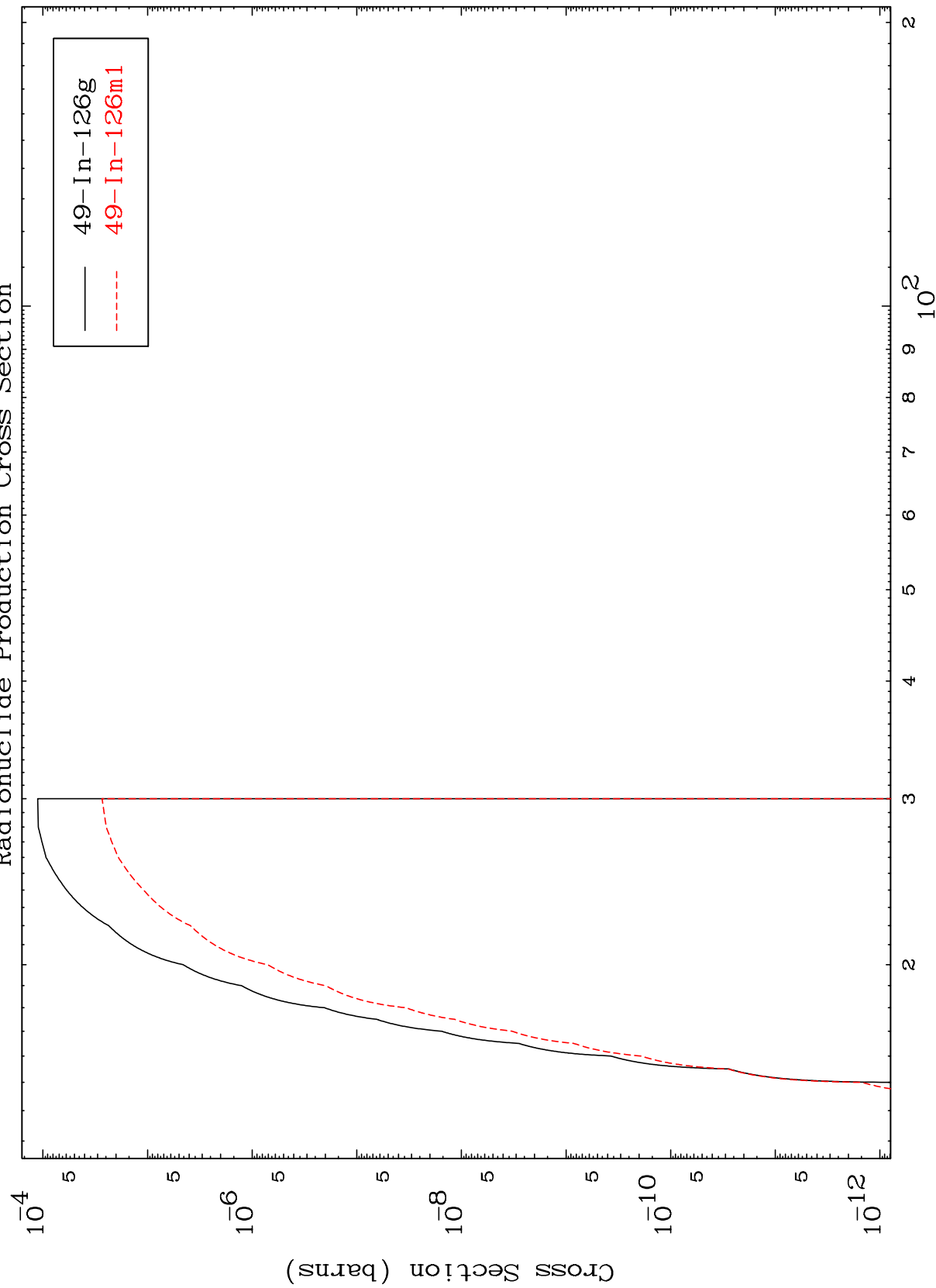
Incident Energy (MeV)

16

MAT 5070

50-Sn-127

(n,p)
Radionuclide Production Cross Section

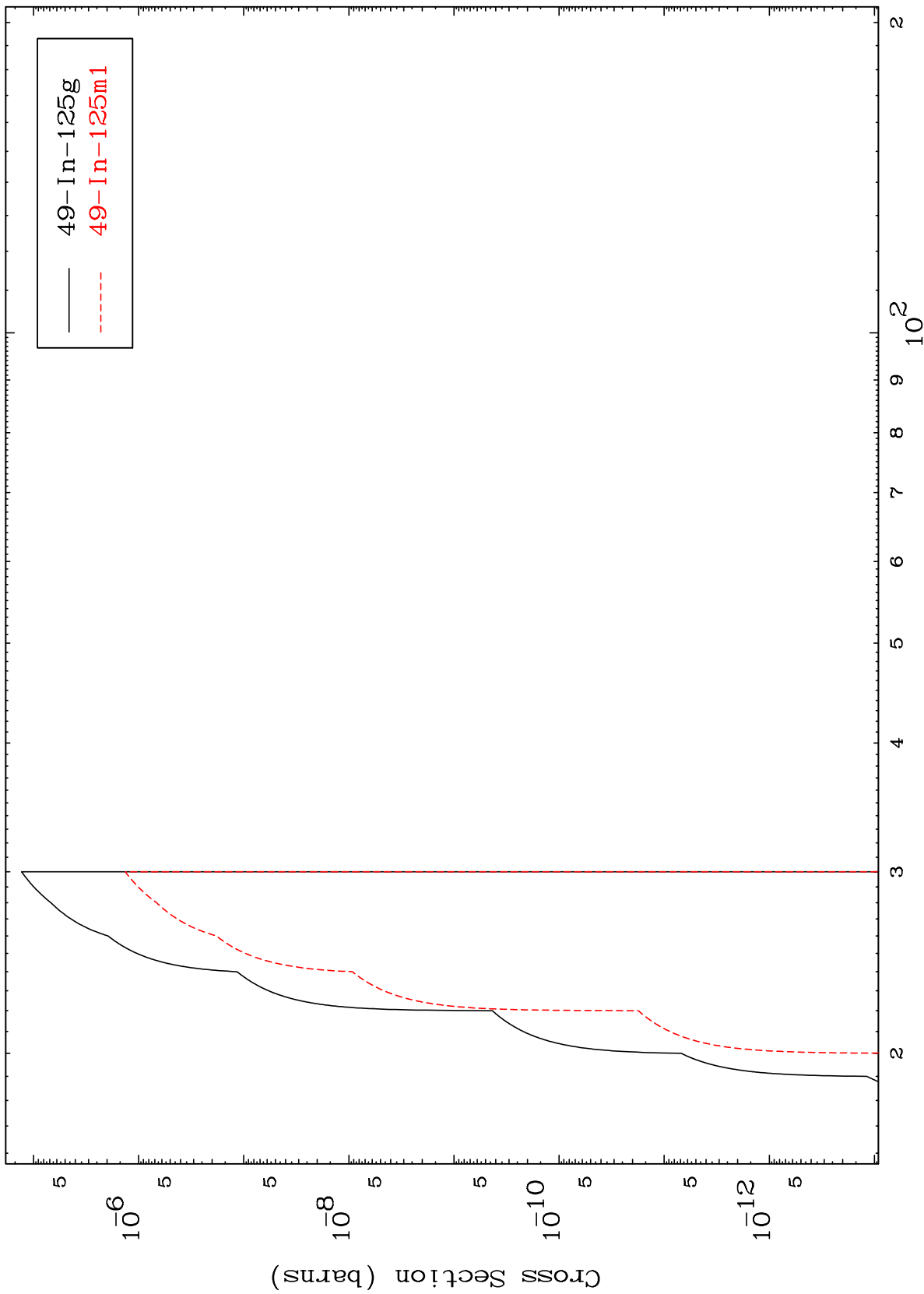


49-In-126g
49-In-126m1

MAT 5070

50-Sn-127

(n,d)
Radionuclide Production Cross Section

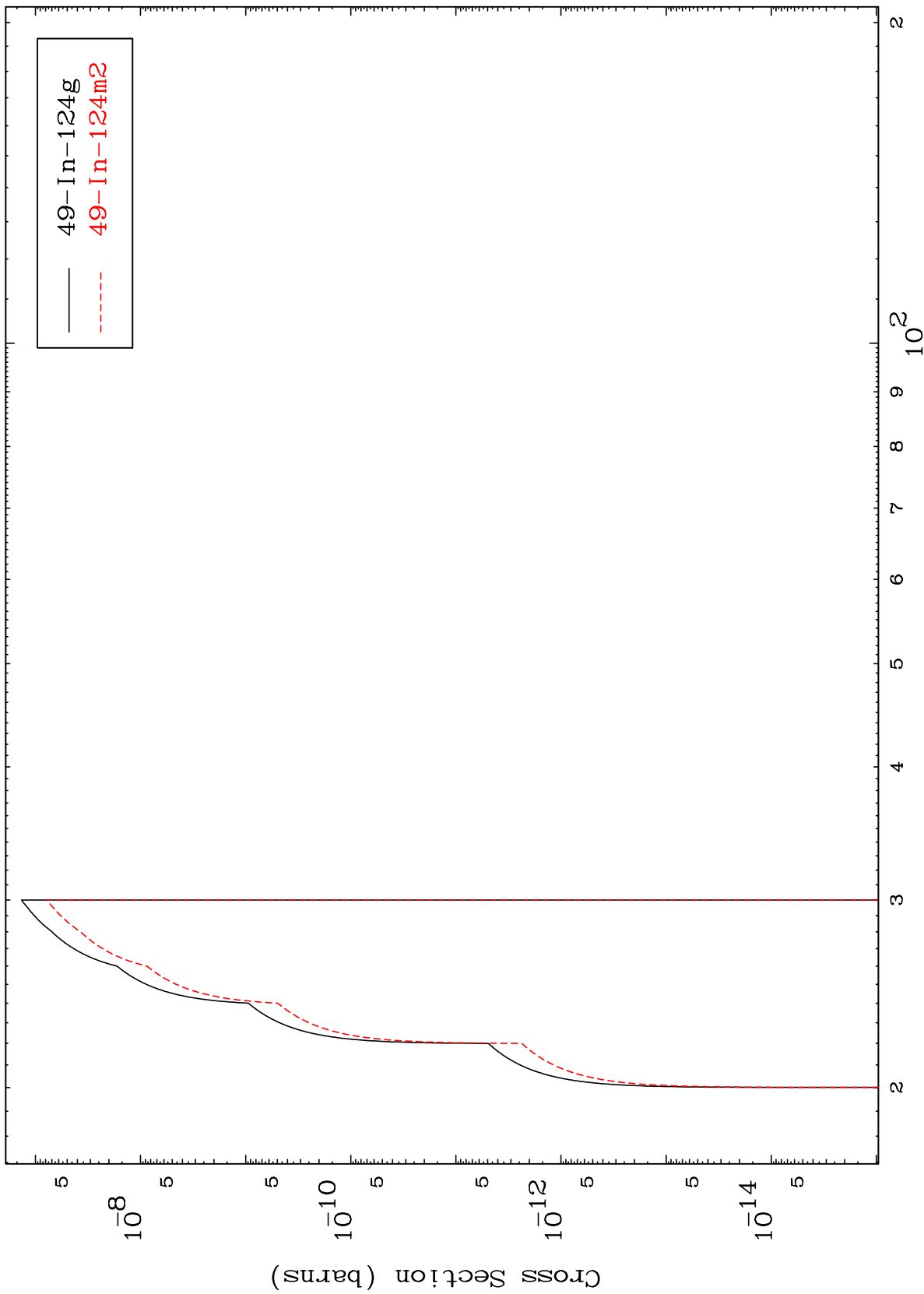


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Incident Energy (MeV)

50-Sn-127

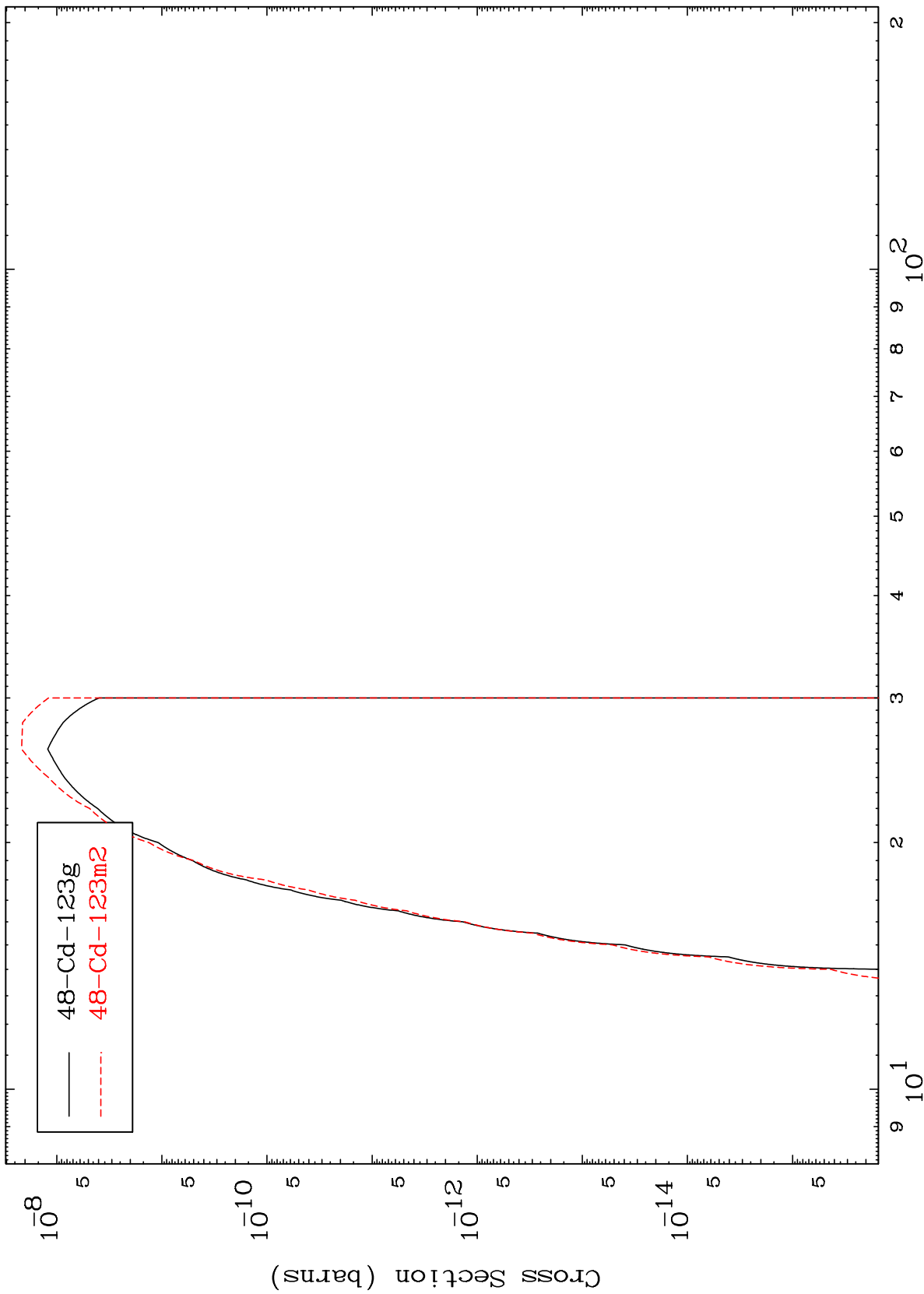
(n,t)
Radionuclide Production Cross Section



MAT 5070

50-Sn-127

(n, α)
Radionuclide Production Cross Section



— 48-Cd-123g
- - - 48-Cd-123m2

50-Sn-127

Incident Energy (MeV)

20