

Program EVALPLOT
(Version 2021-1)

by

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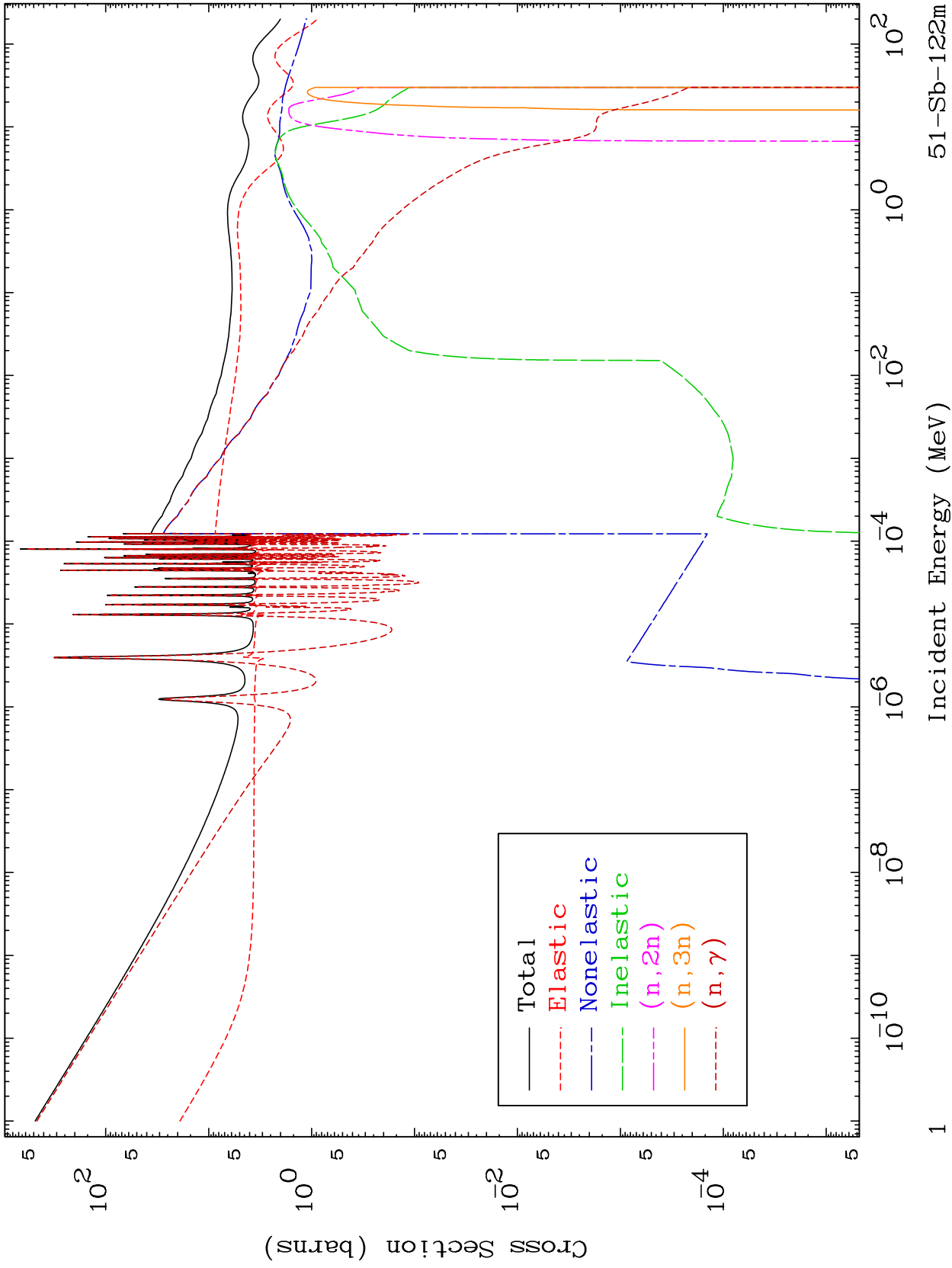
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Press Mouse Button to Start

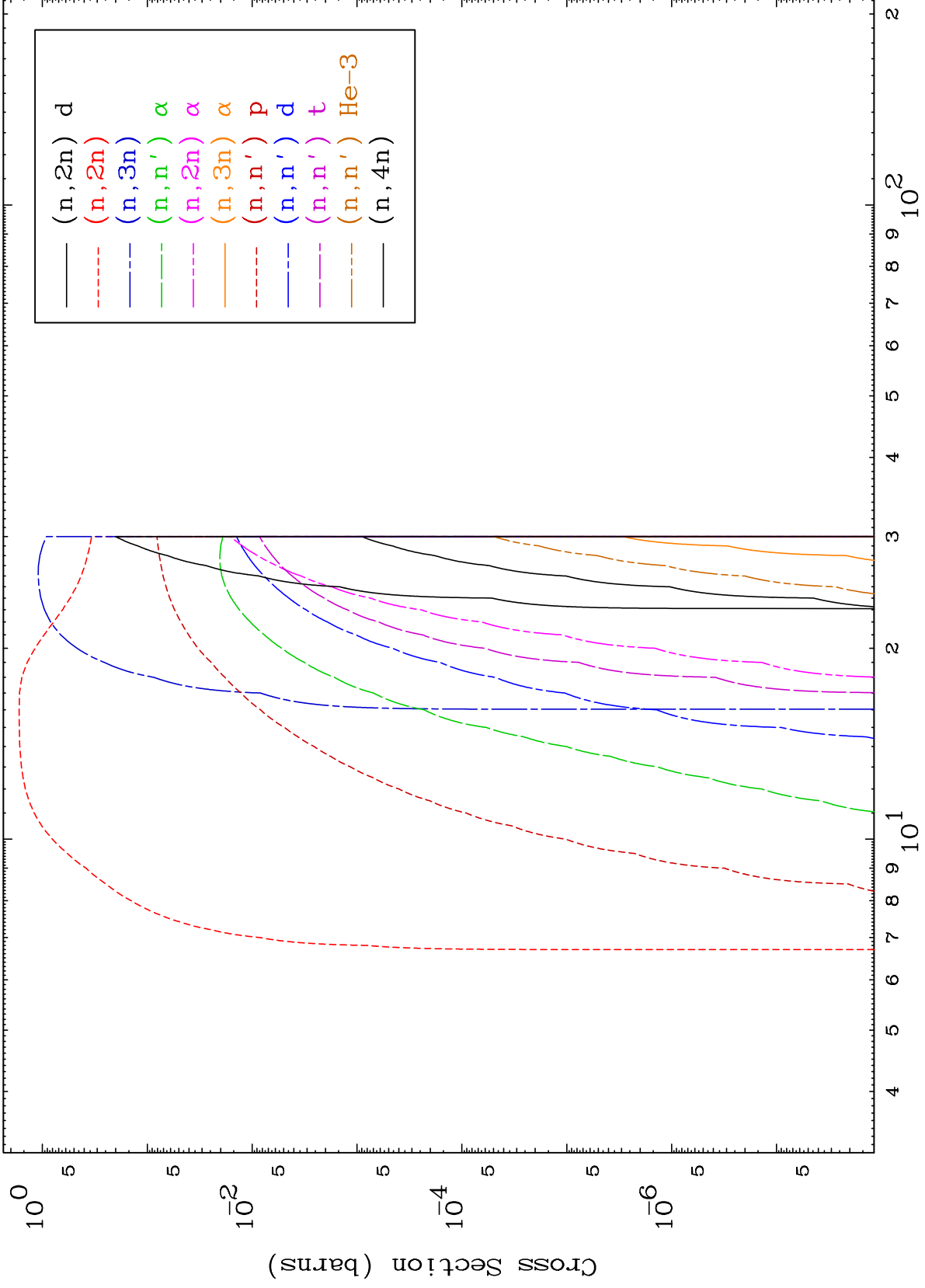
MAT 5129

Neutron Major
293 Kelvin Cross Sections

51-Sb-122m



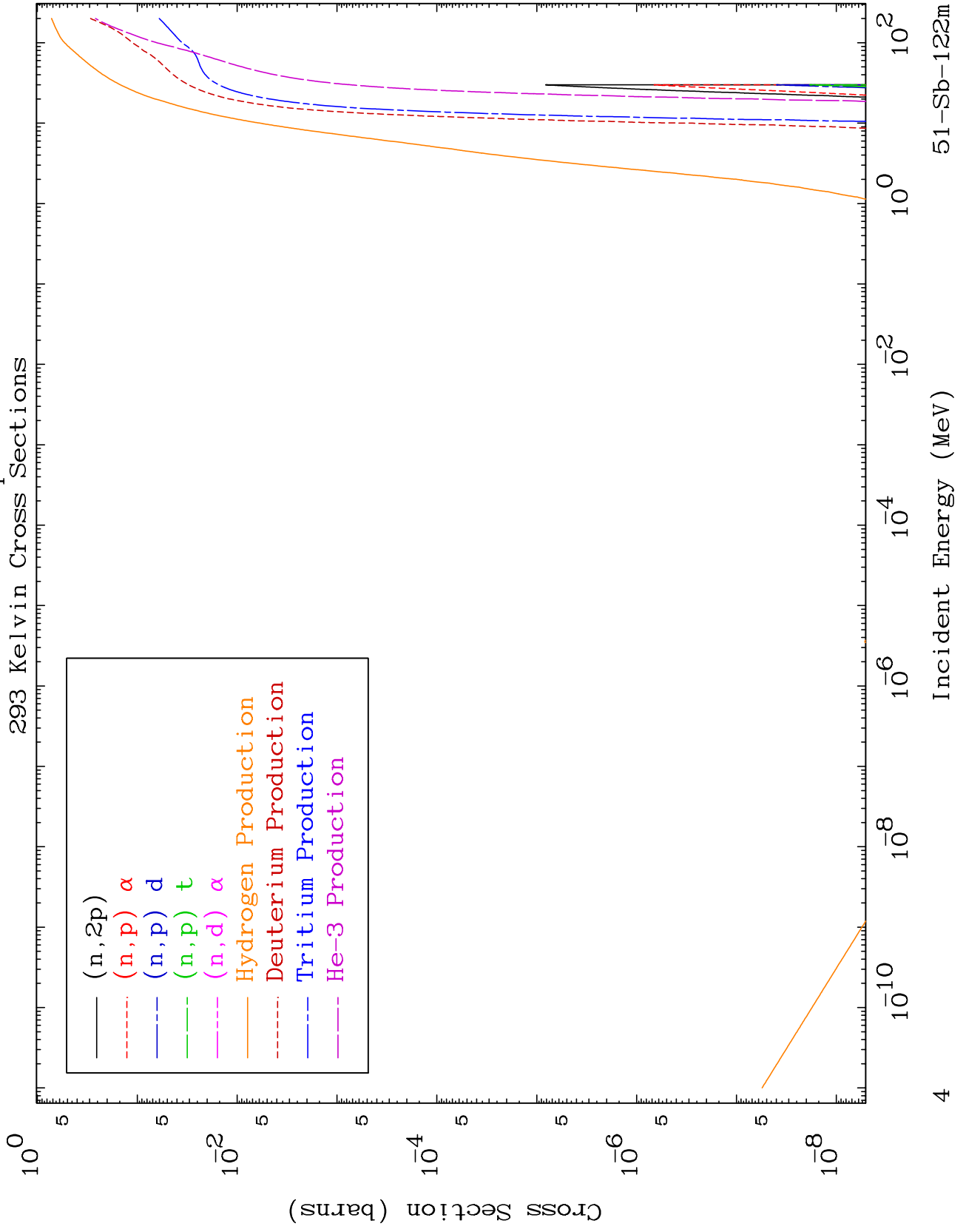
Neutron Absorption
293 Kelvin Cross Sections



MAT 5129

Neutron Absorption
293 Kelvin Cross Sections

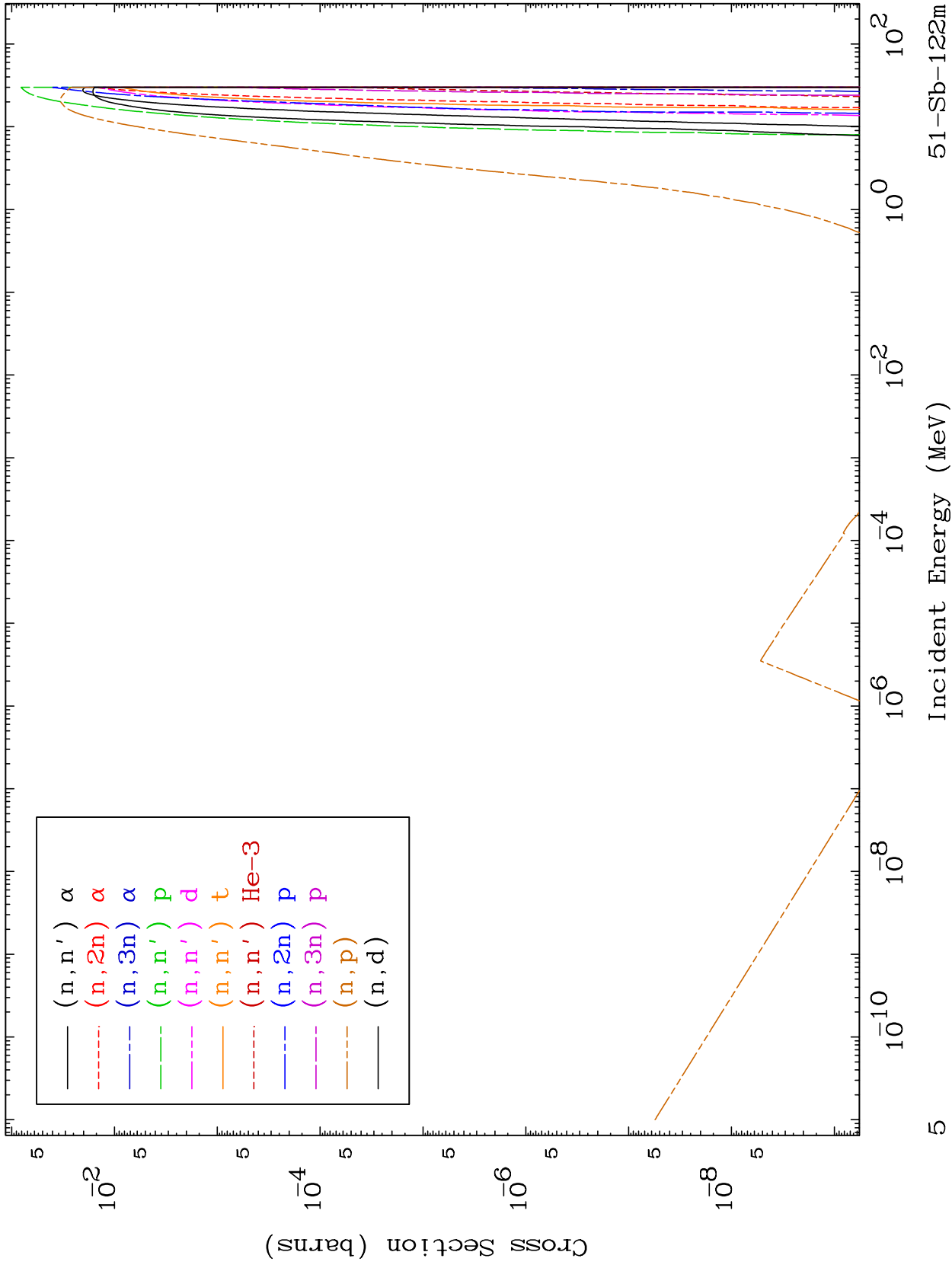
51-Sb-122m



MAT 5129

Charged Particle
293 Kelvin Cross Sections

51-Sb-122m

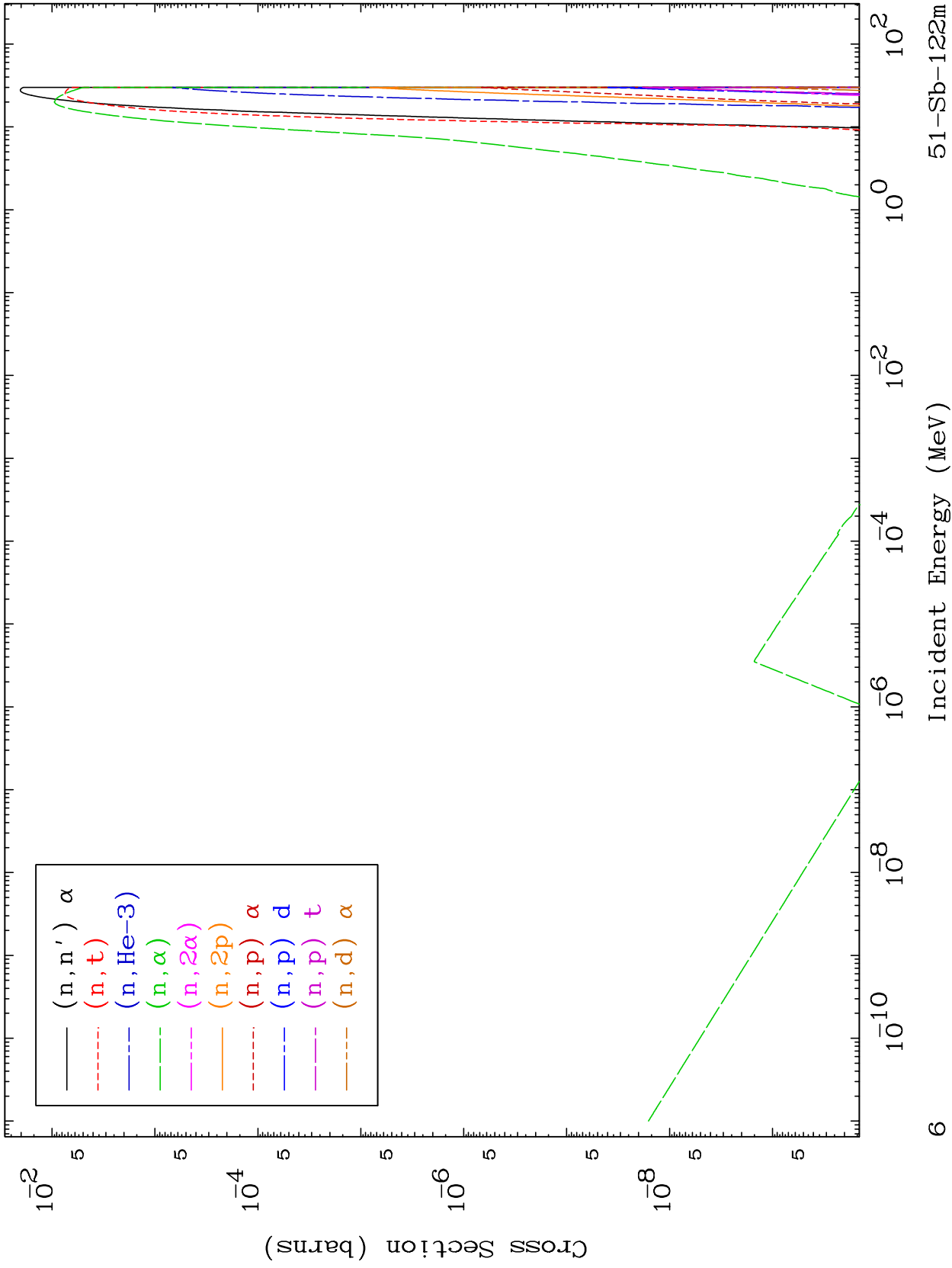


5

MAT 5129

Charged Particle
293 Kelvin Cross Sections

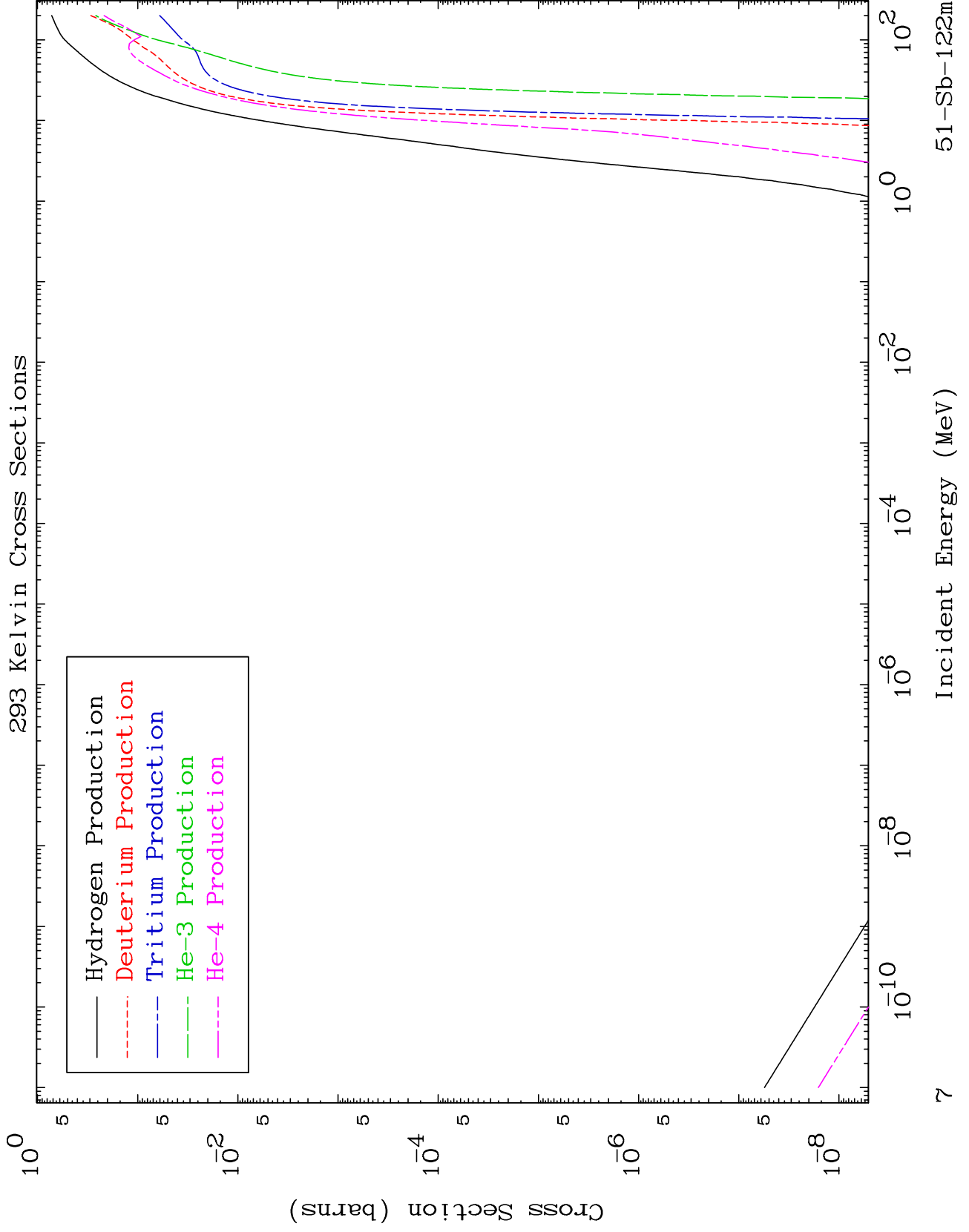
51-Sb-122m



MAT 5129

Particle Production
293 Kelvin Cross Sections

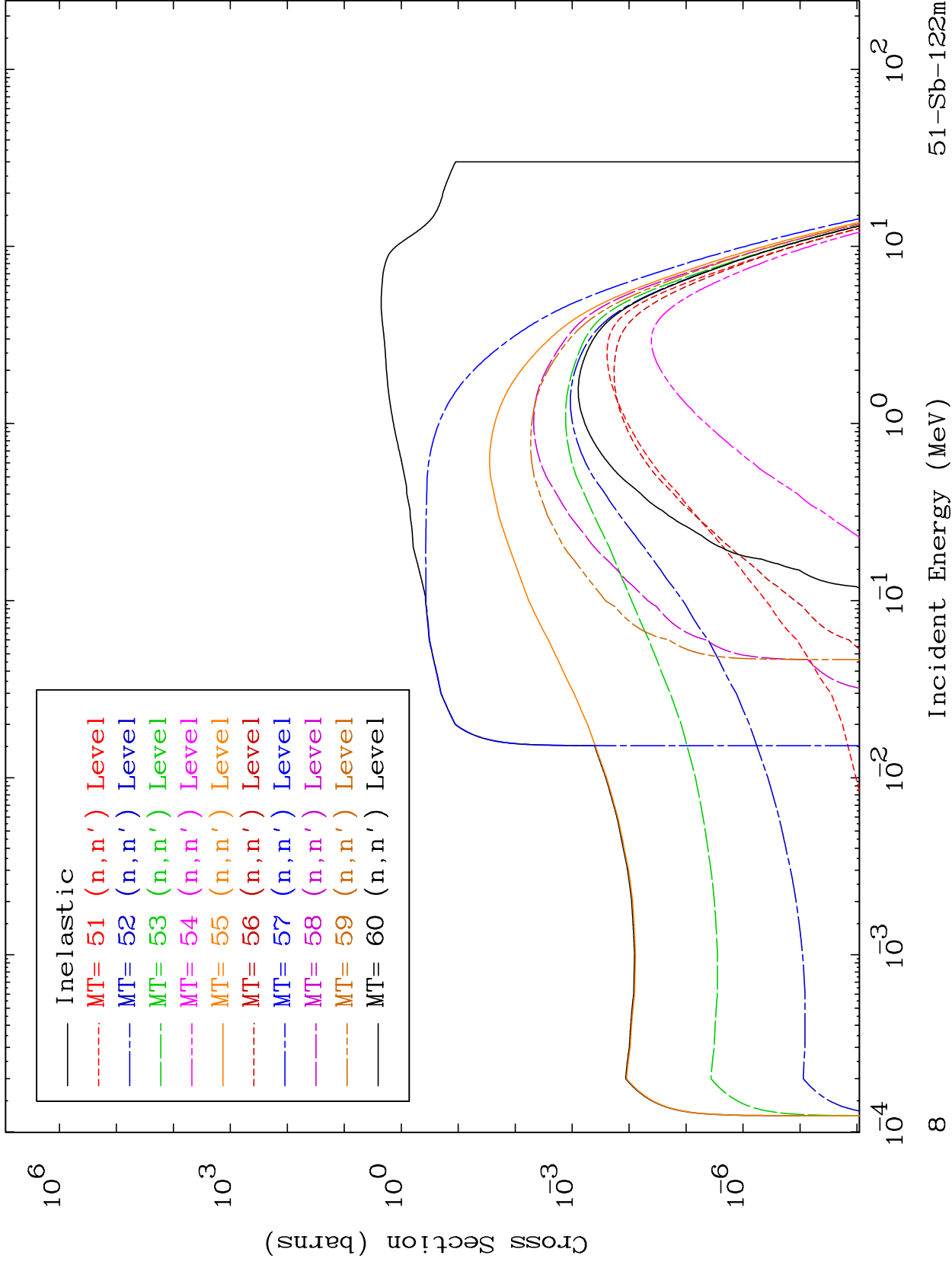
51-Sb-122m



MAT 5129

(n,n') Levels
293 Kelvin Cross Sections

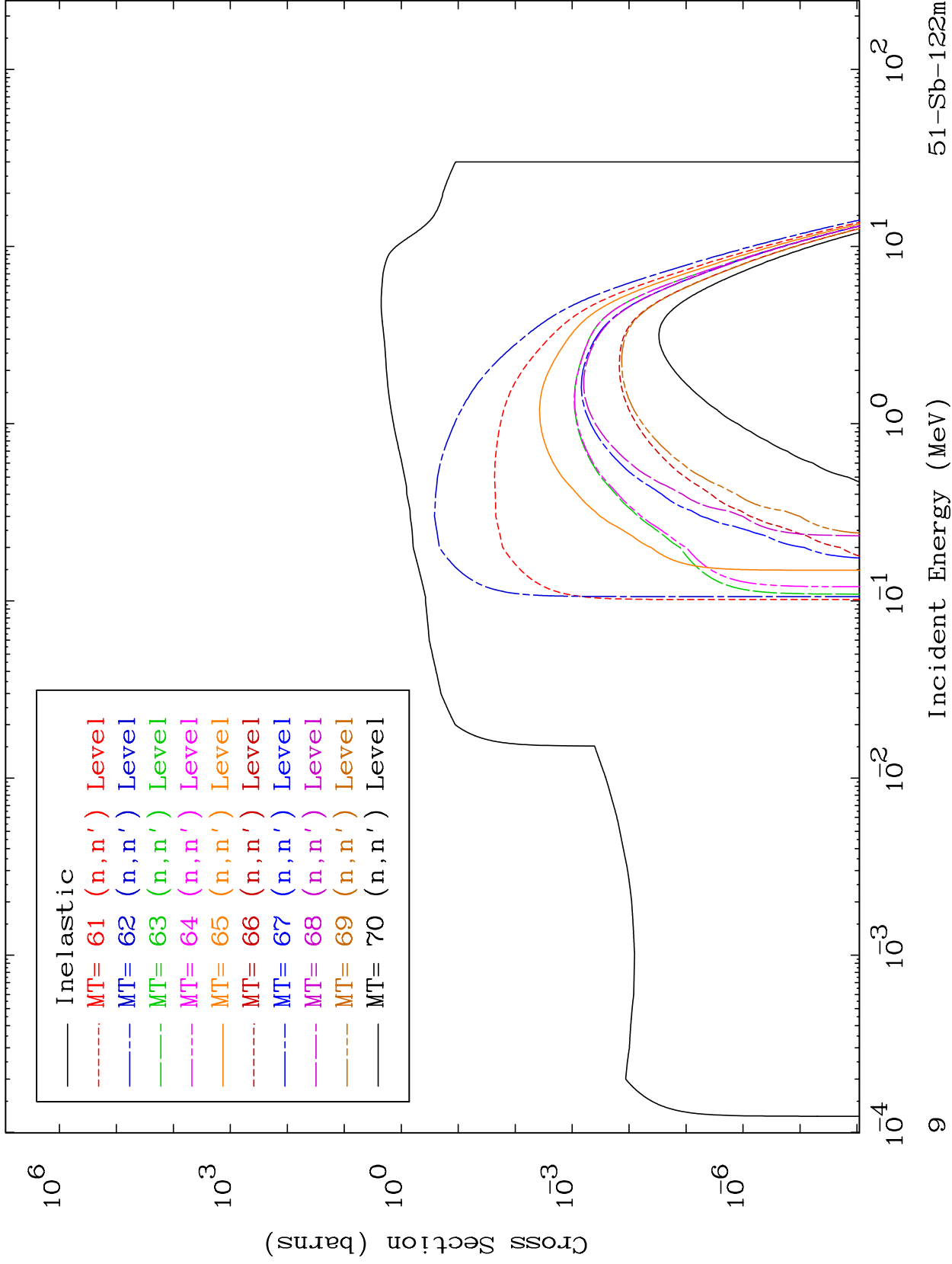
51-Sb-122m



MAT 5129

(n,n') Levels
293 Kelvin Cross Sections

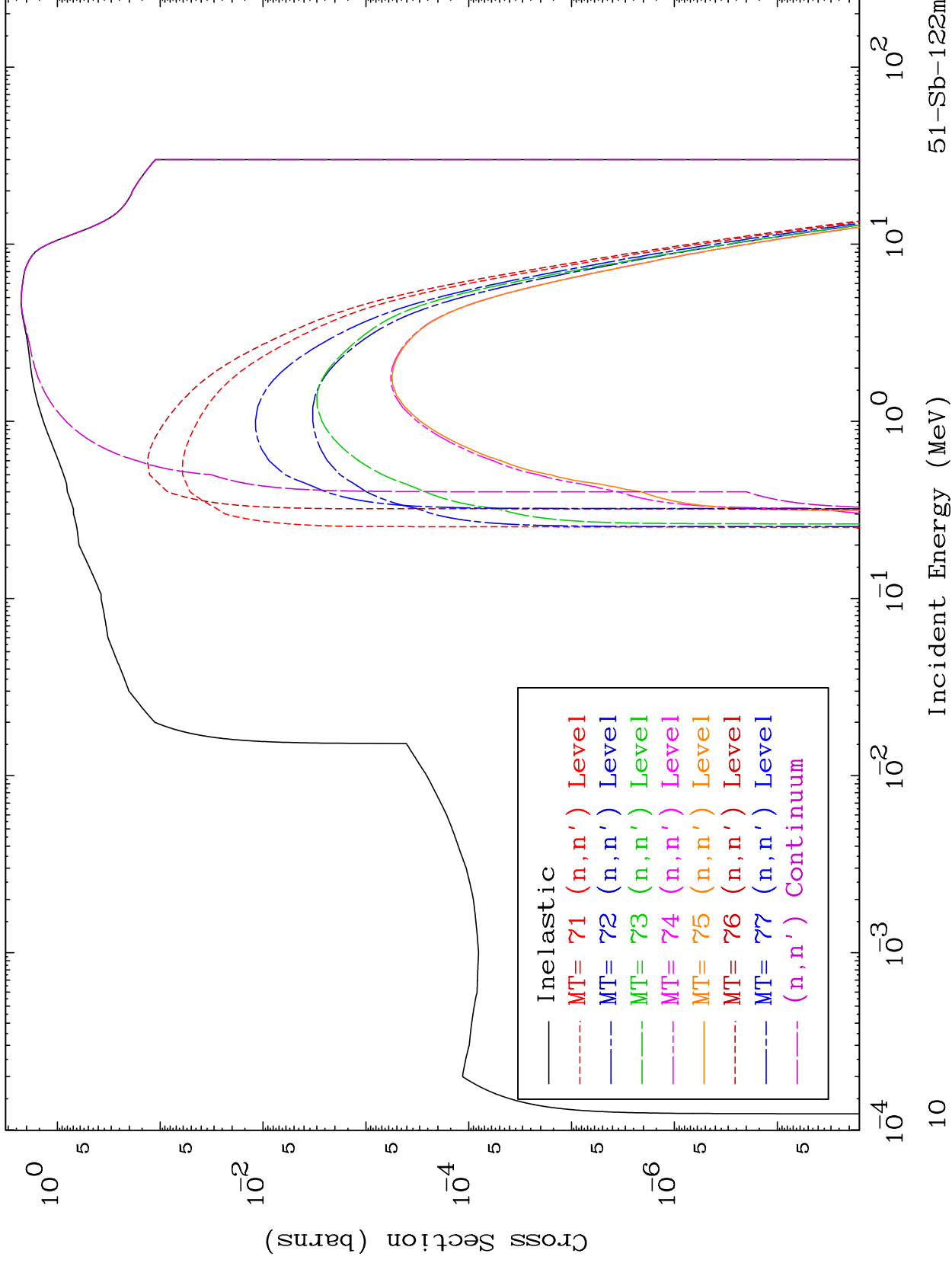
51-Sb-122m



MAT 5129

(n,n') Levels
293 Kelvin Cross Sections

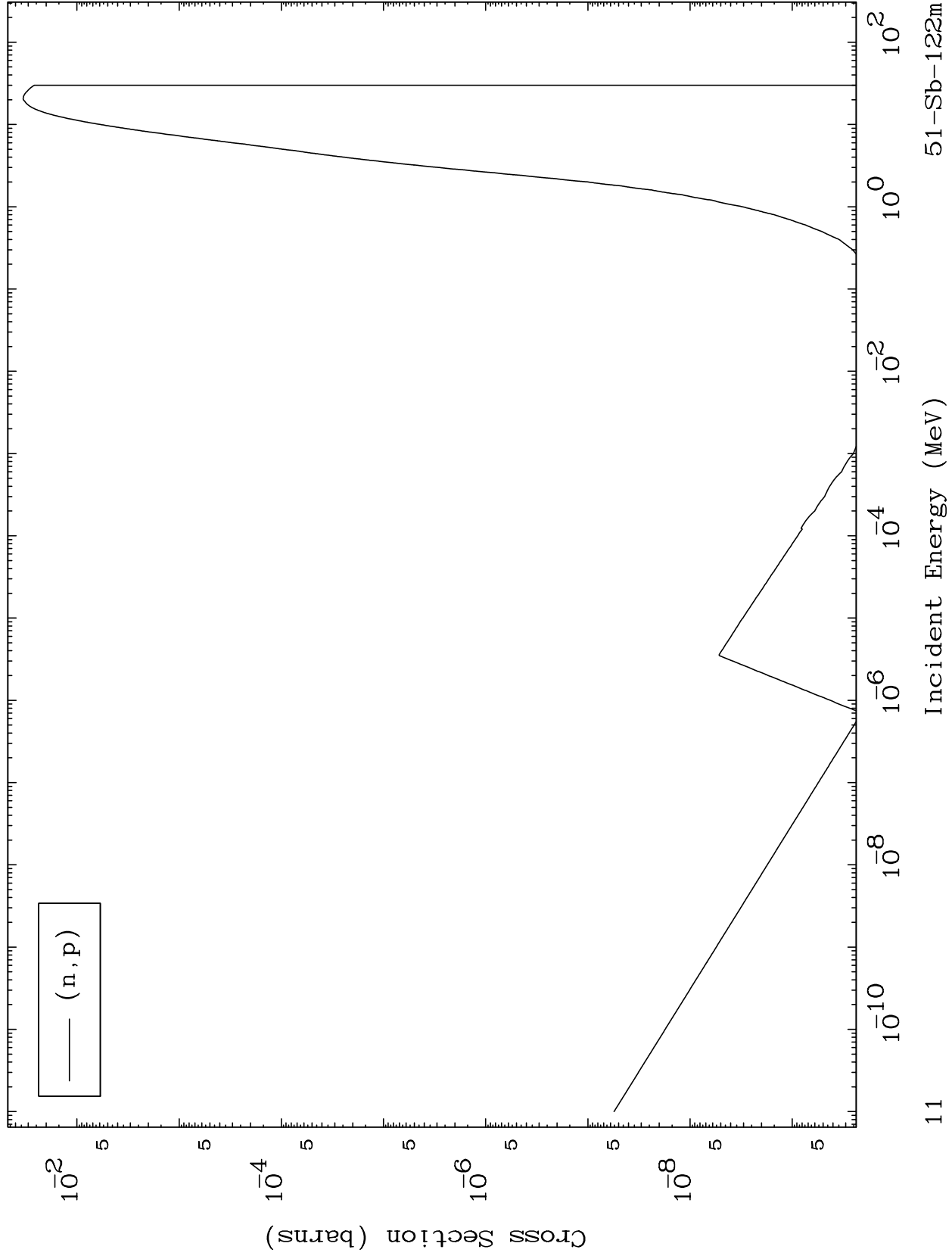
51-Sb-122m



MAT 5129

(n,p) Levels
293 Kelvin Cross Sections

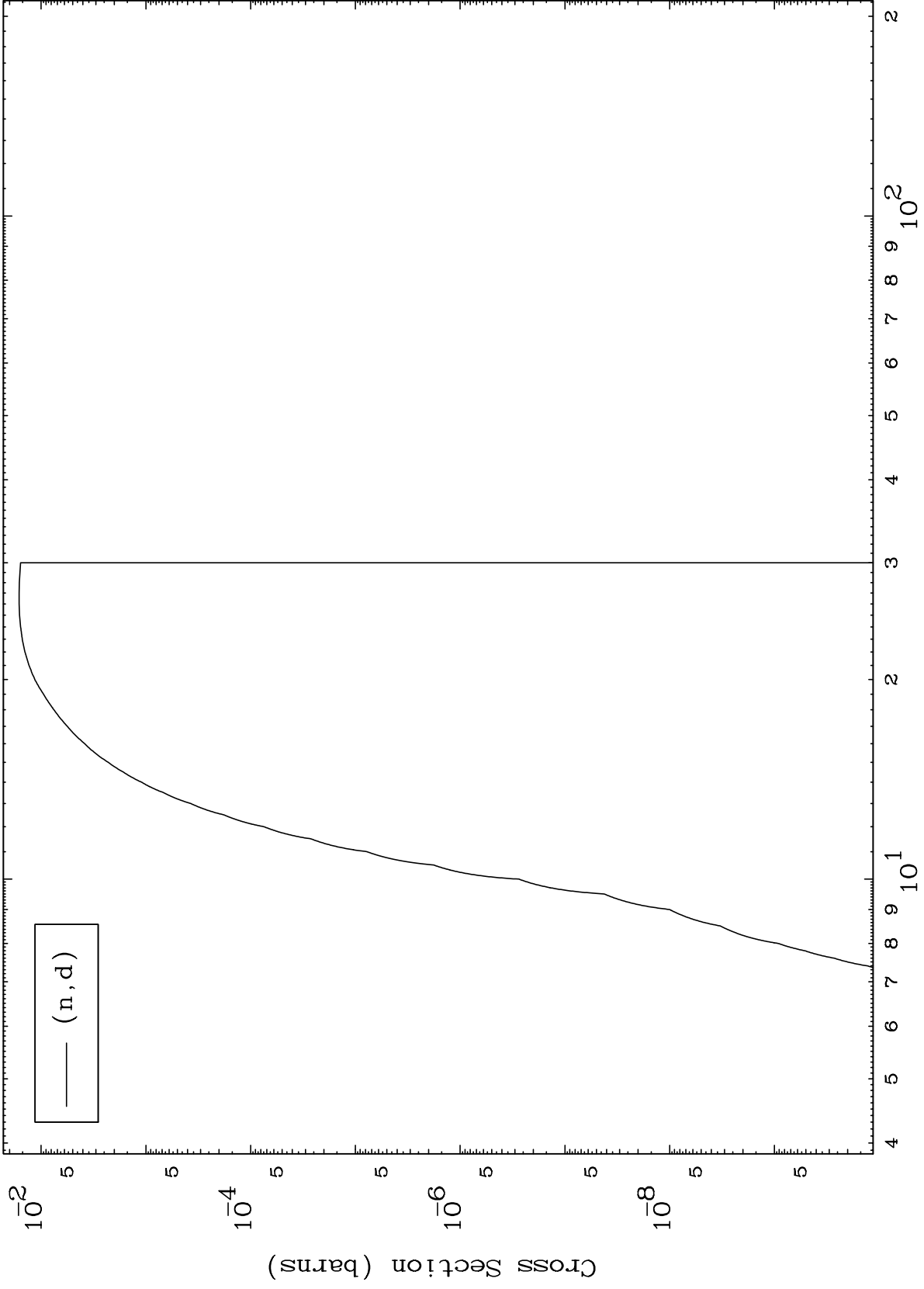
51-Sb-122m



MAT 5129

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-122m



12

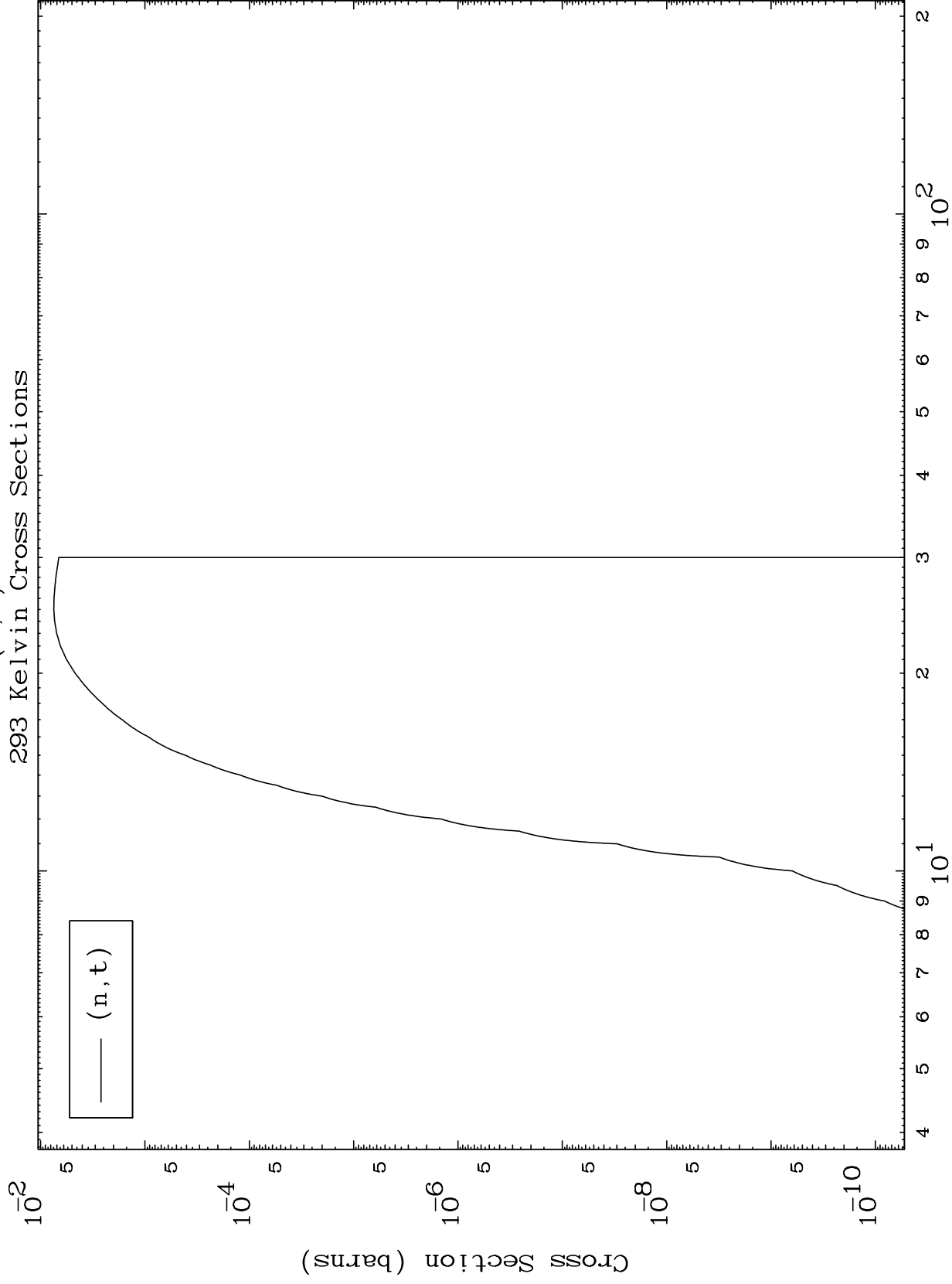
Incident Energy (MeV)

51-Sb-122m

MAT 5129

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-122m



(n,t)

Incident Energy (MeV)

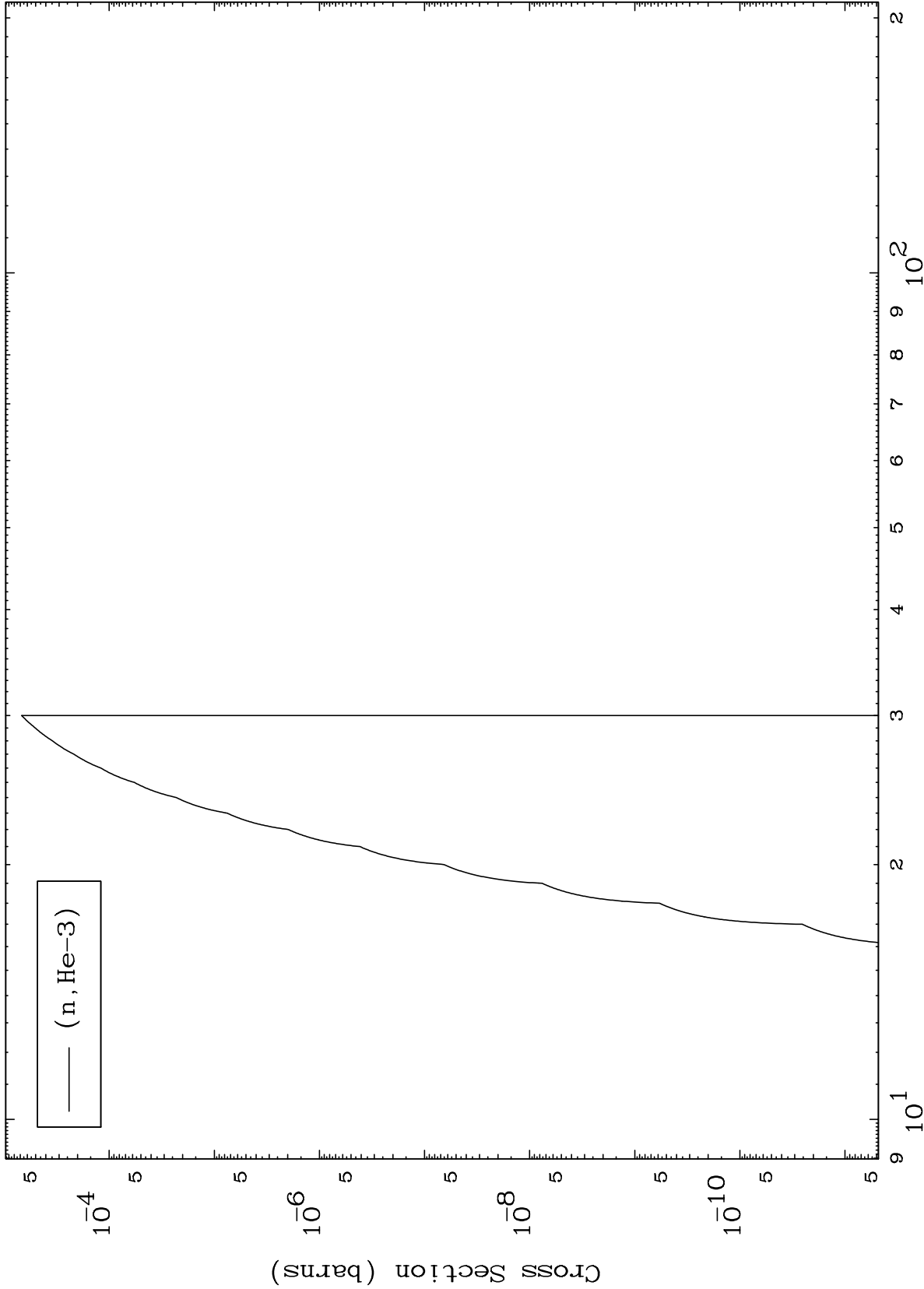
51-Sb-122m

13

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(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-122m



51-Sb-122m

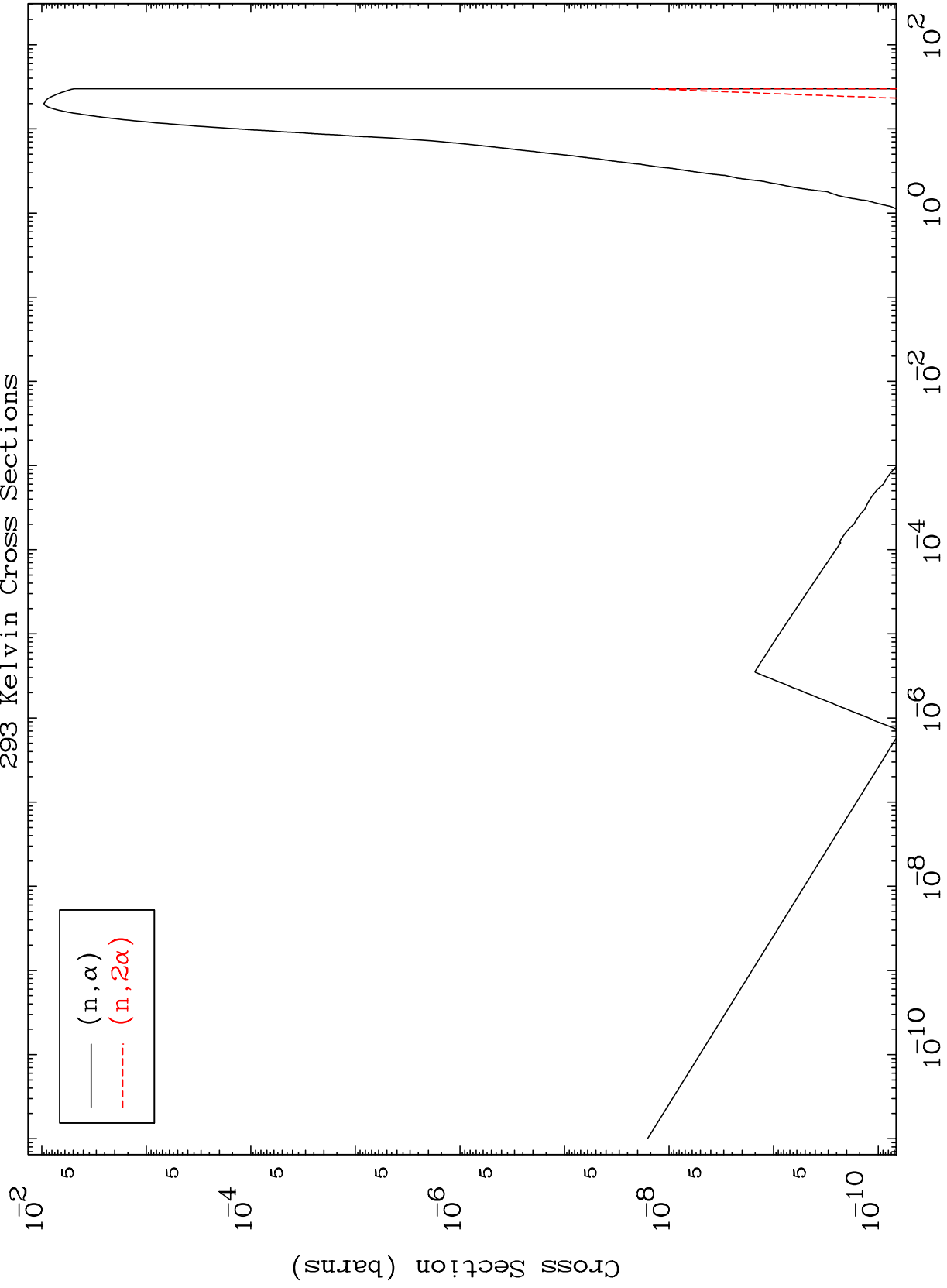
Incident Energy (MeV)

14

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(n, α) Levels
293 Kelvin Cross Sections

51-Sb-122m



15

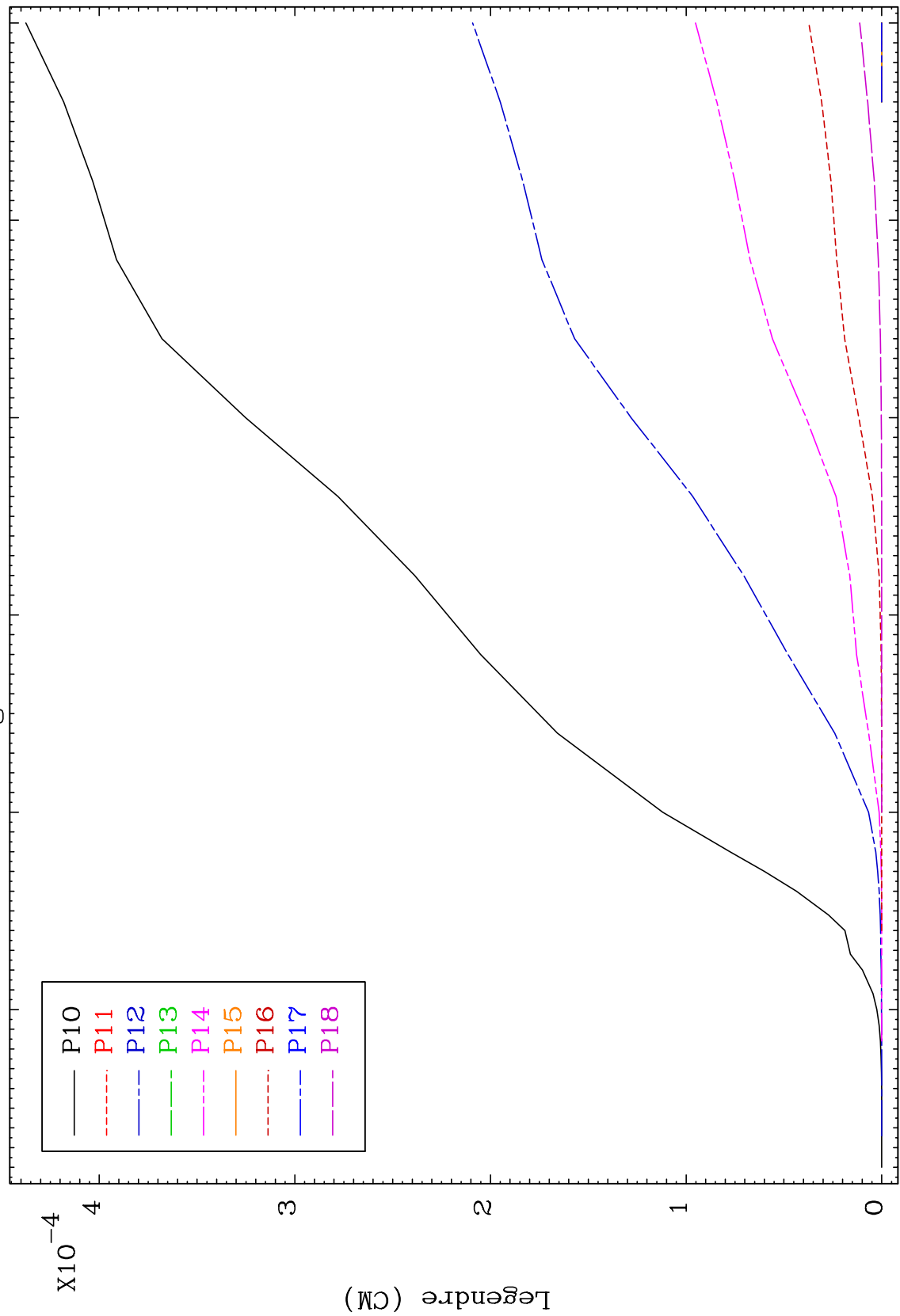
Incident Energy (MeV)

51-Sb-122m

MAT 5129

Elastic Legendre Coefficients

51-Sb-122m



17

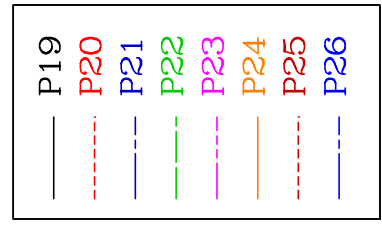
Incident Energy (MeV)

51-Sb-122m

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Elastic
Legendre Coefficients

51-Sb-122m



$\times 10^{-7}$

Legendre (CM)

4

2

0

15

20

25

30

18

Incident Energy (MeV)

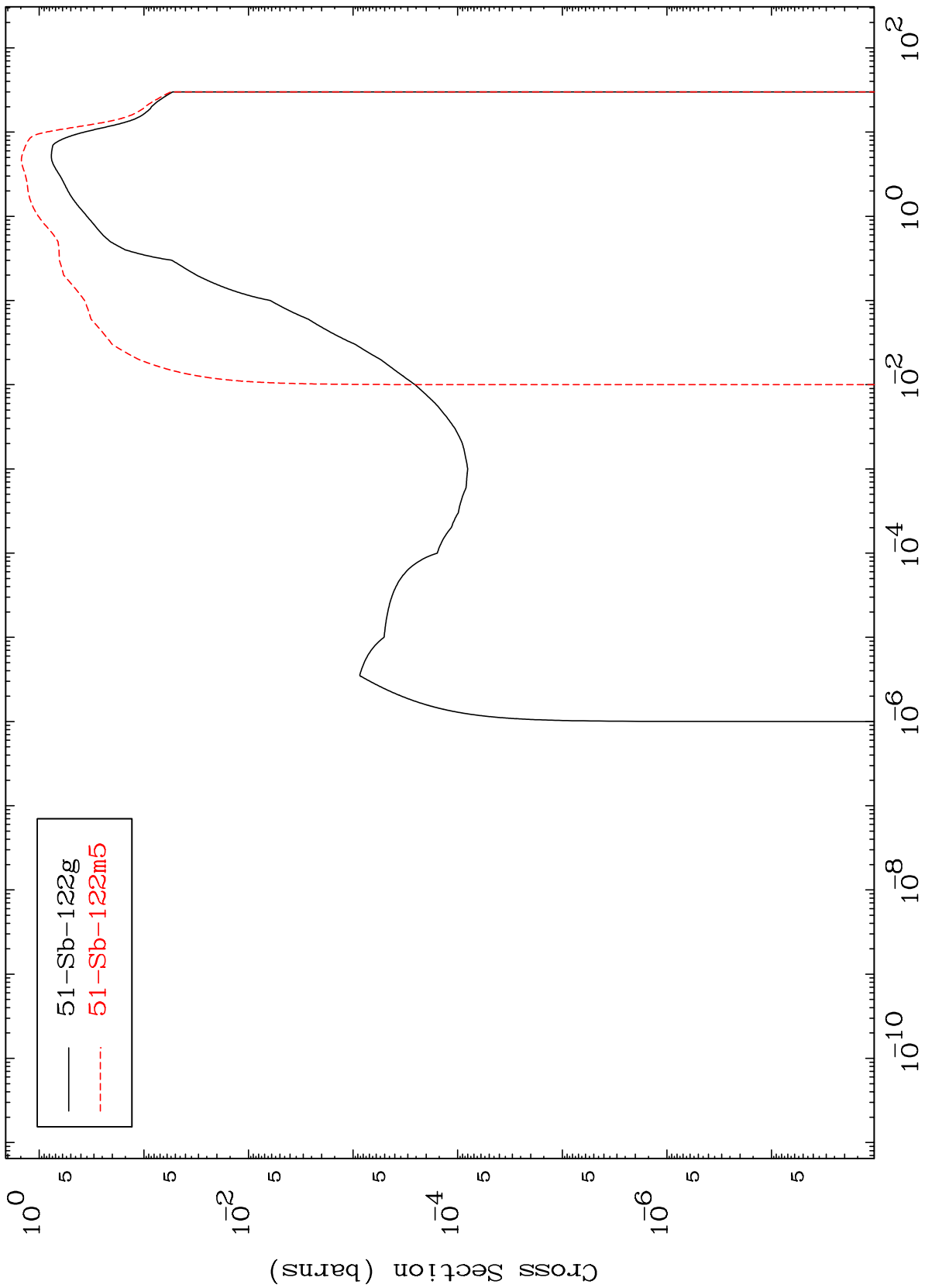
51-Sb-122m



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51-Sb-122m

Inelastic
Radionuclide Production Cross Section



51-Sb-122g
51-Sb-122m5

51-Sb-122m

Incident Energy (MeV)

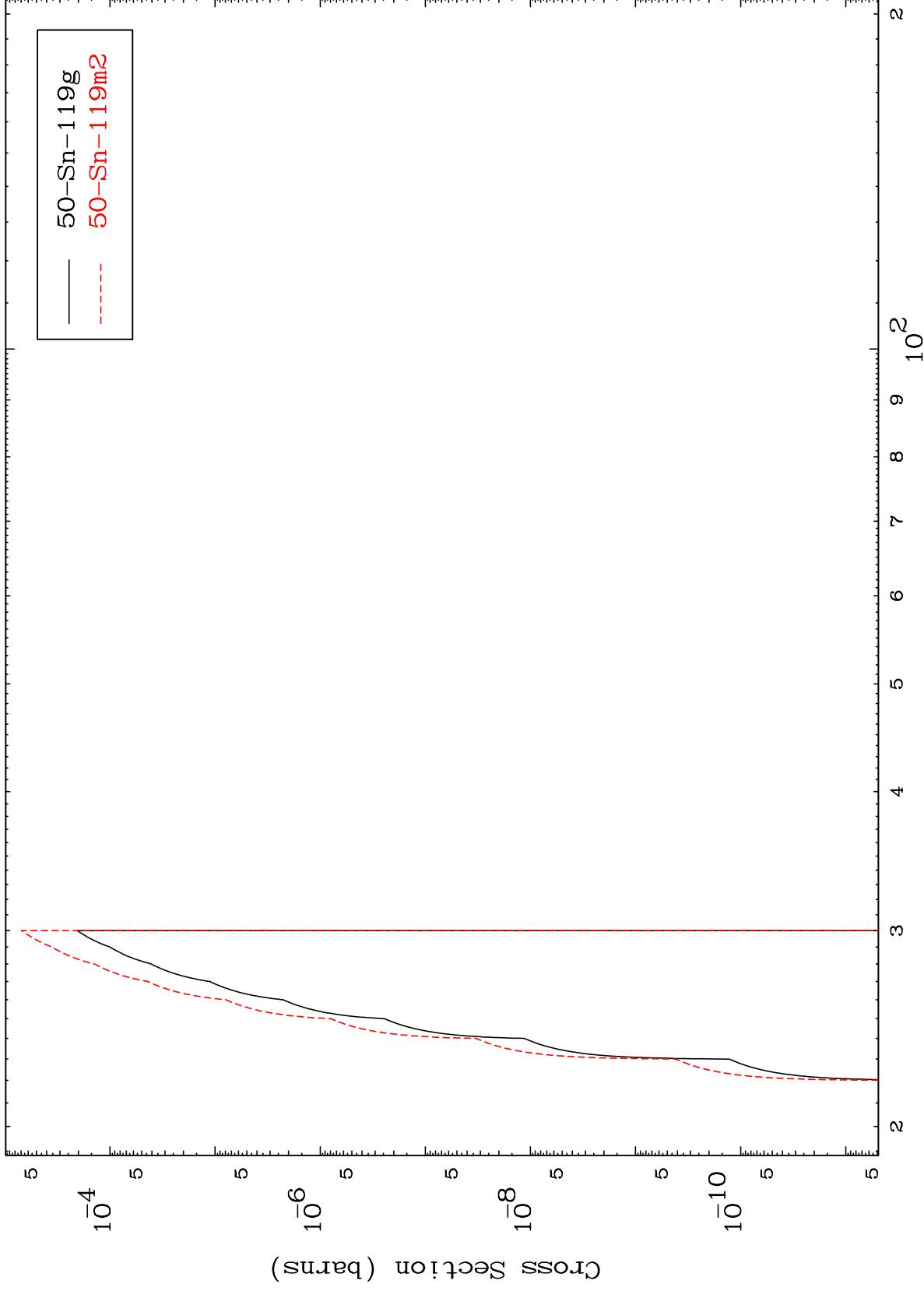
19

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(n,2n) d

51-Sb-122m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

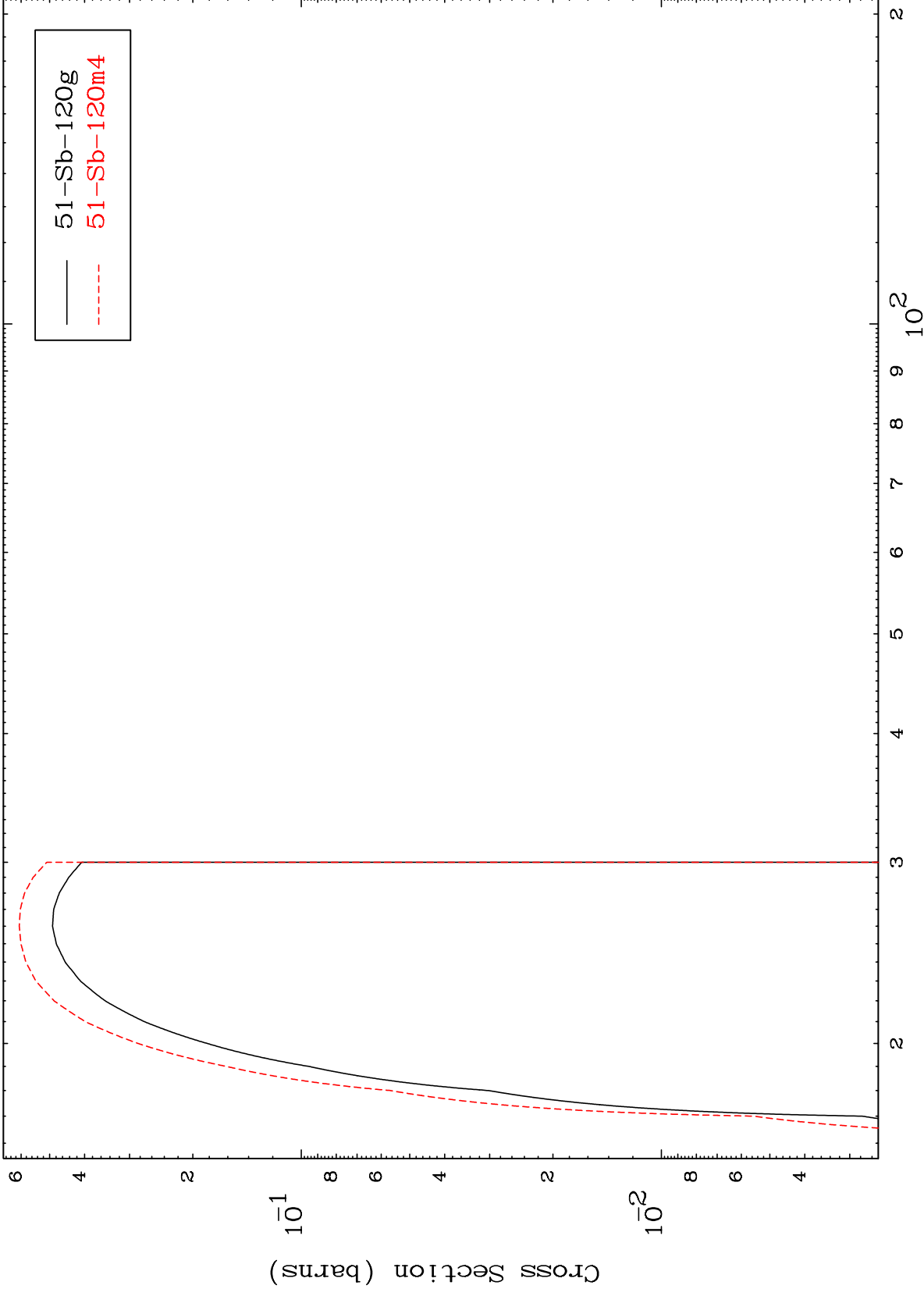
51-Sb-122m

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(n,3n)

51-Sb-122m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

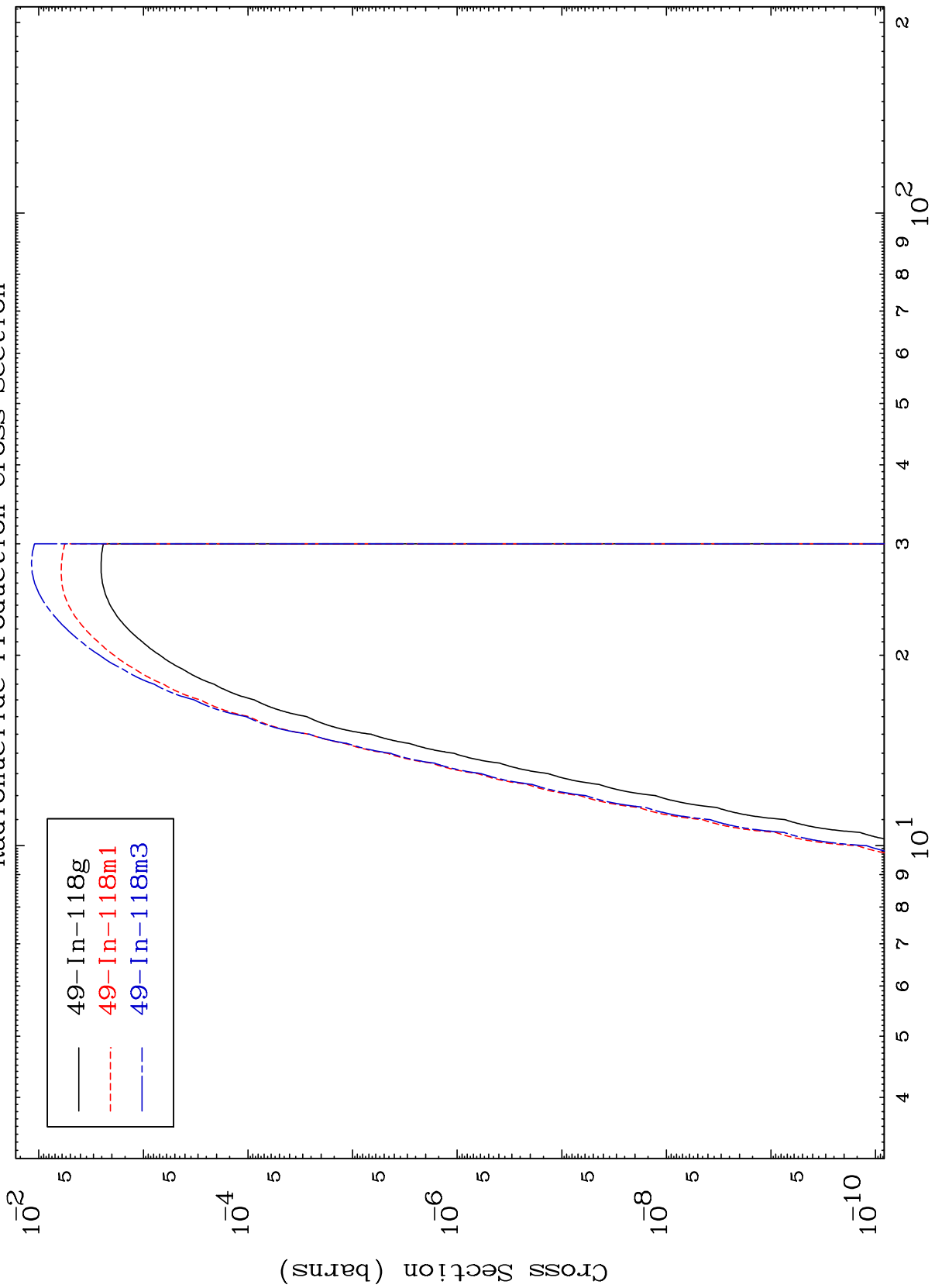
51-Sb-122m

MAT 5129

51-Sb-122m

(n,n') α

Radionuclide Production Cross Section

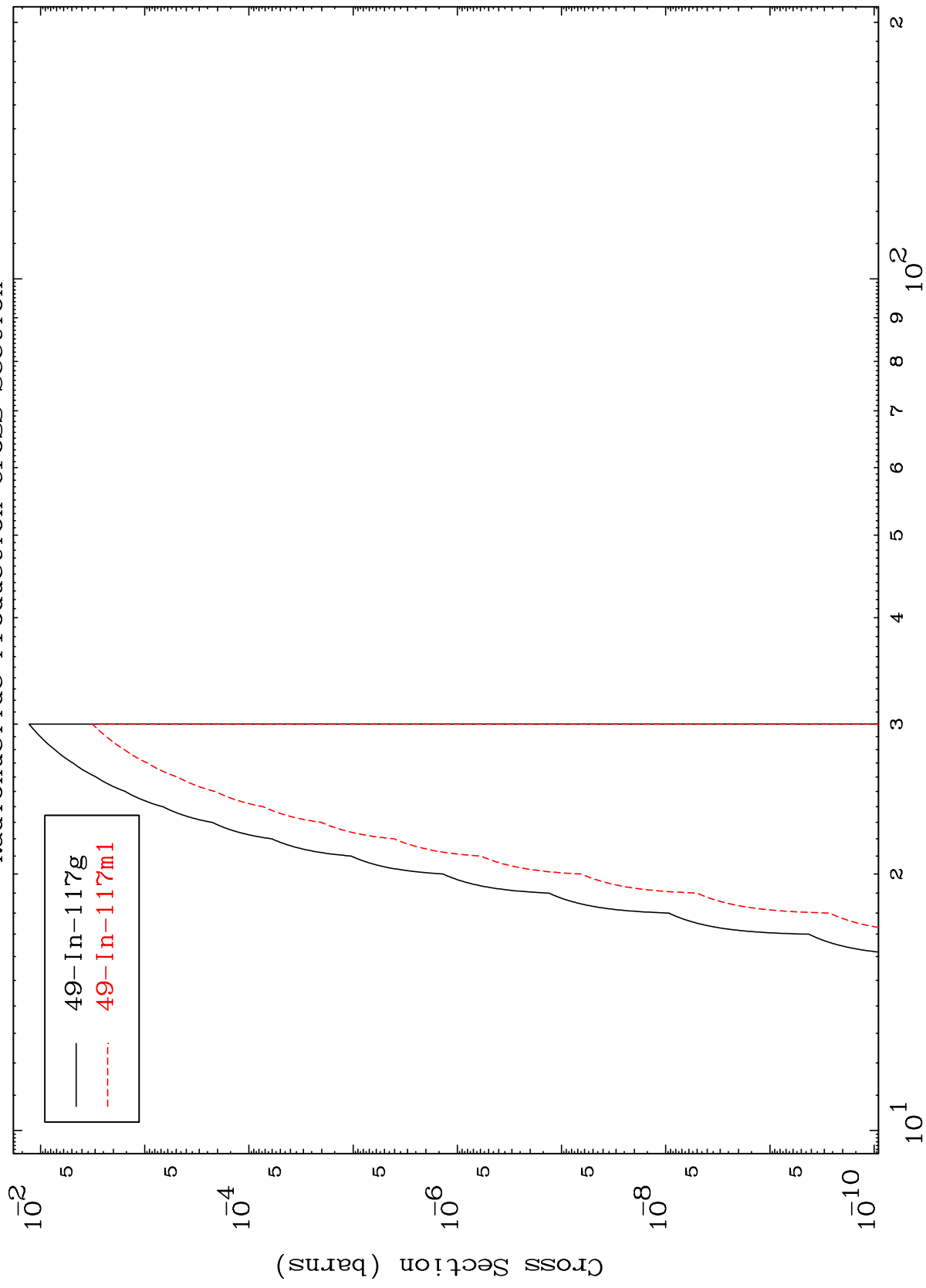


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(n,2n) α

51-Sb-122m

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-122m

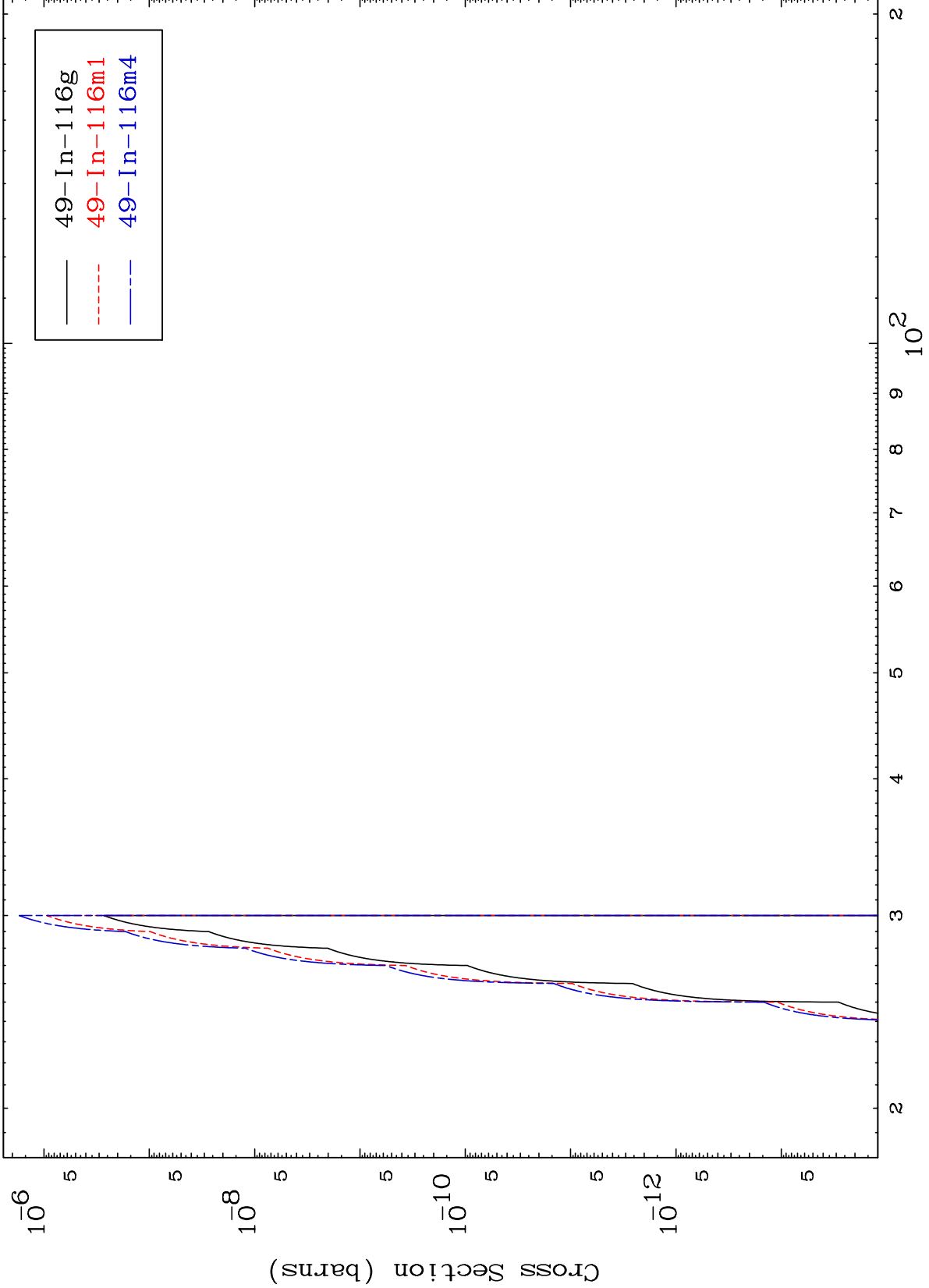
23

MAT 5129

(n,3n) α

51-Sb-122m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

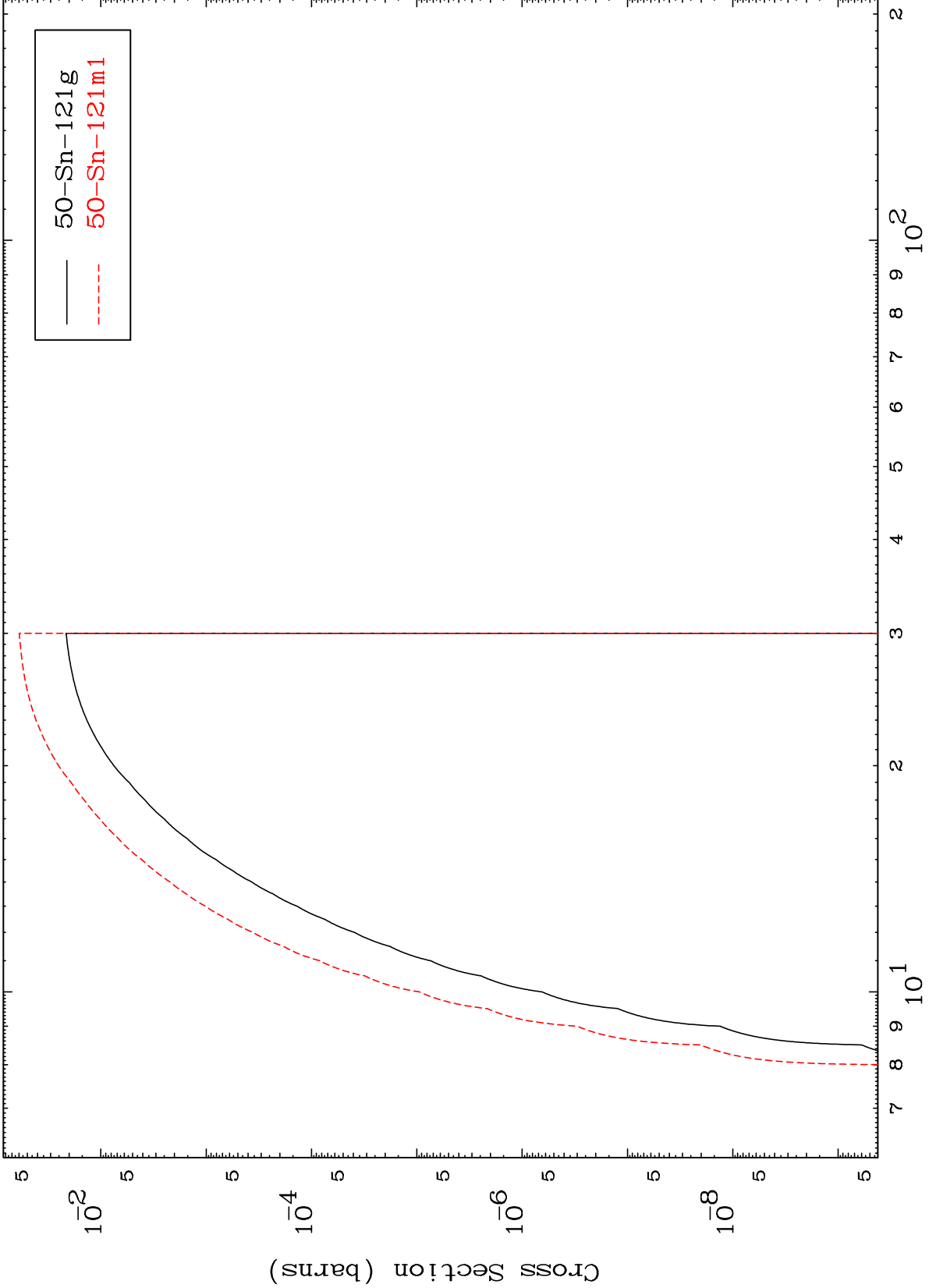
51-Sb-122m

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(n,n') p

51-Sb-122m

Radionuclide Production Cross Section



50-Sn-121g
50-Sn-121m1

25

Incident Energy (MeV)

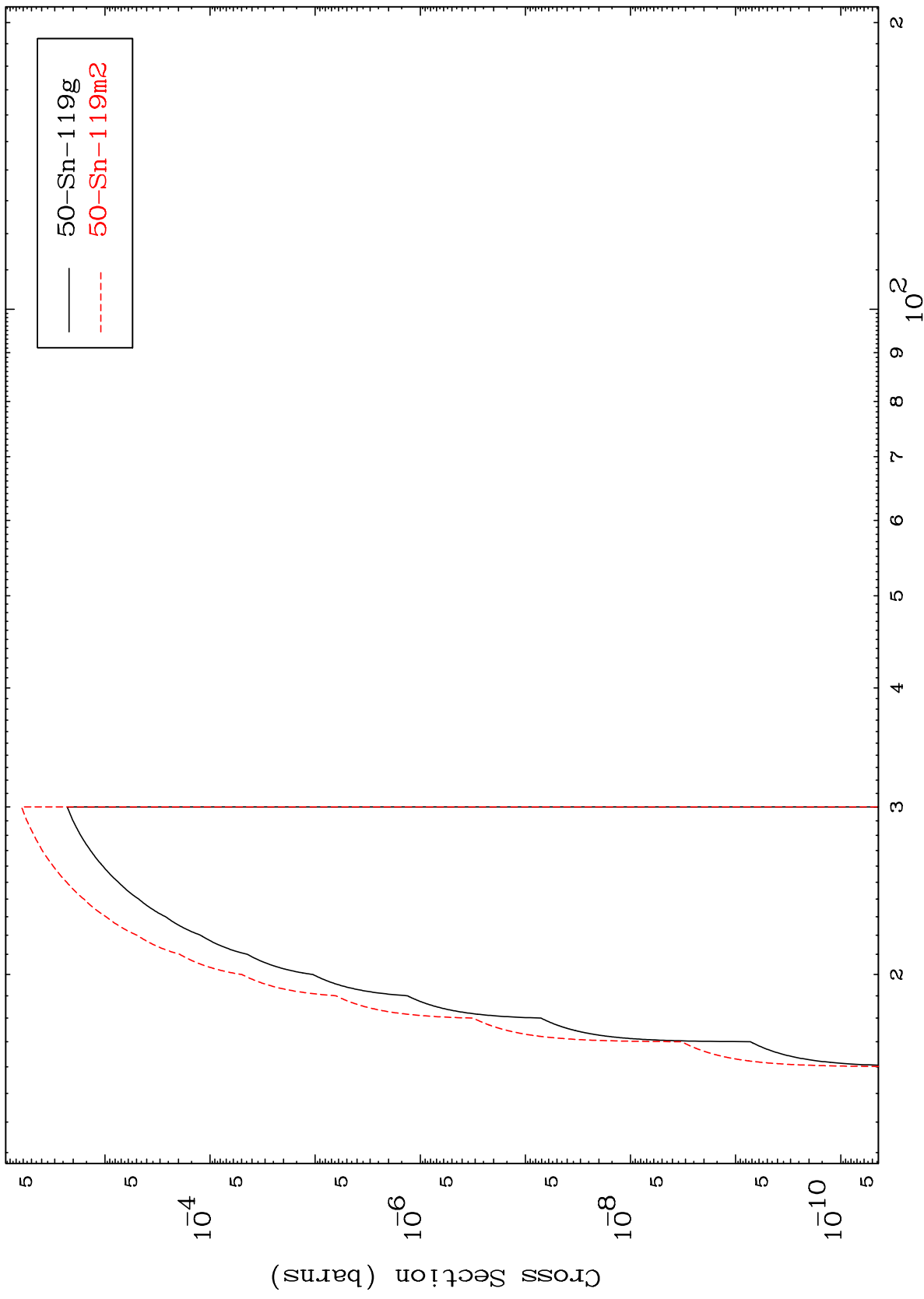
51-Sb-122m

MAT 5129

(n,n') t

51-Sb-122m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

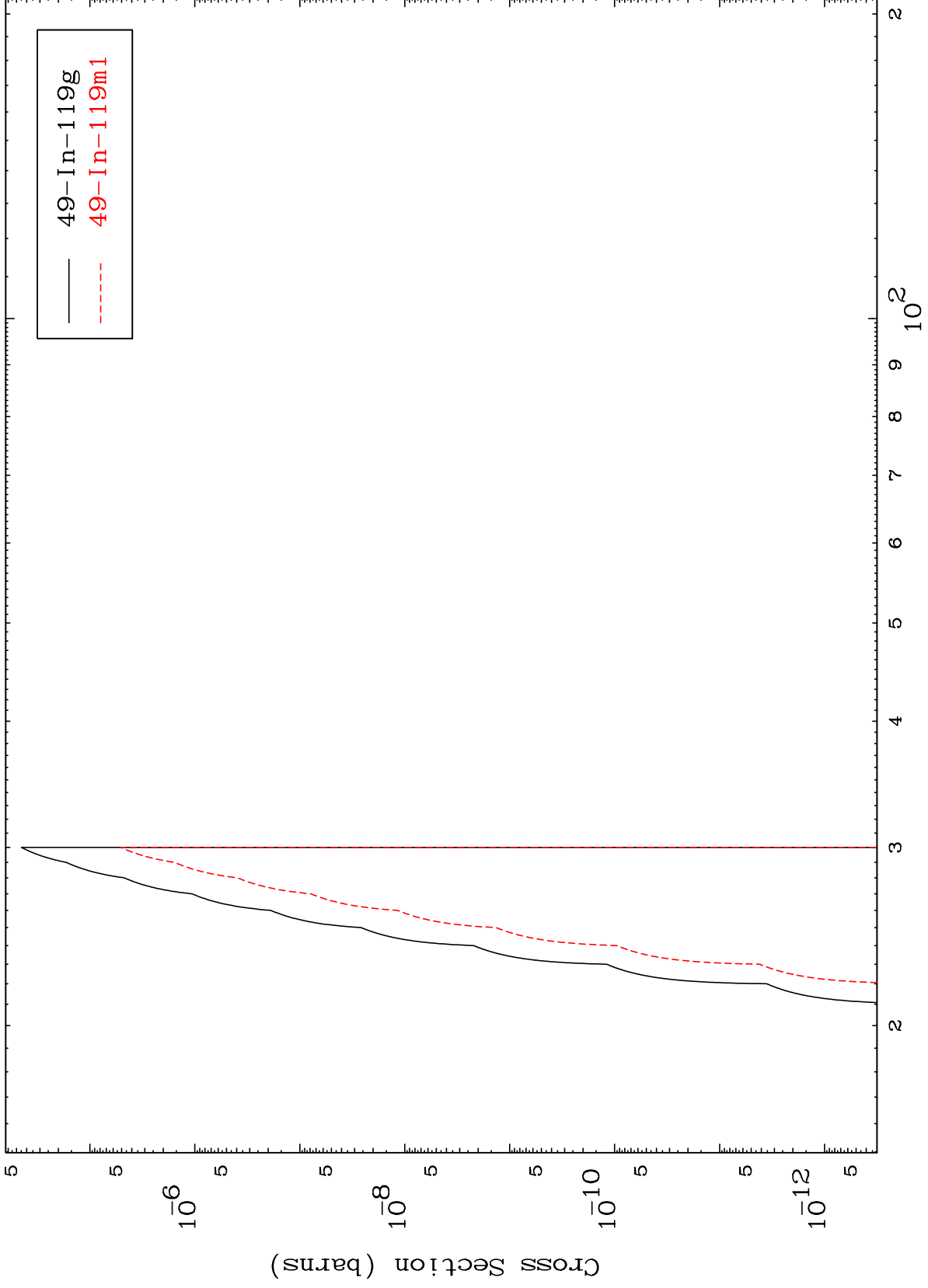
51-Sb-122m

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(n,n') He-3

51-Sb-122m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

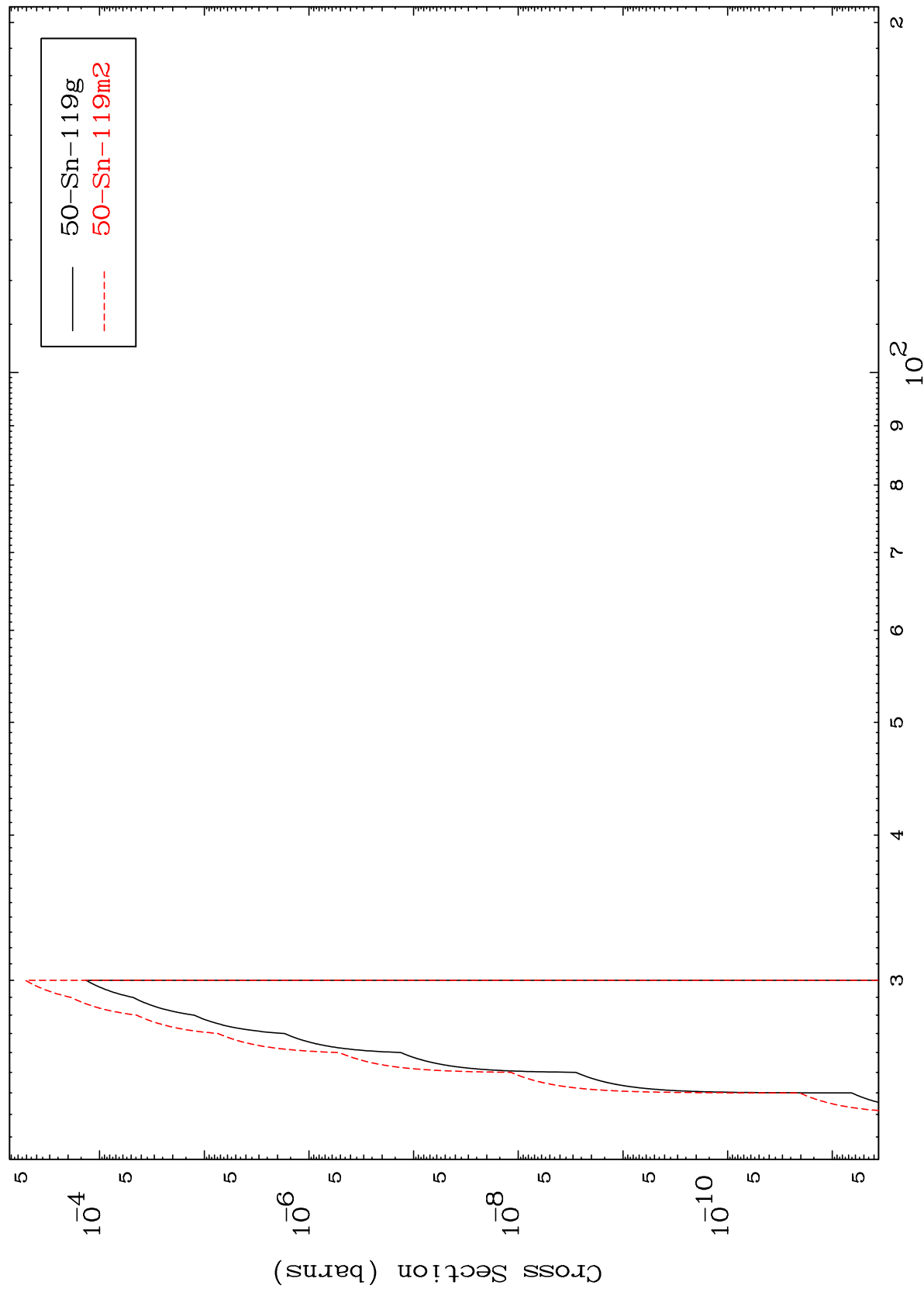
51-Sb-122m

MAT 5129

(n,3n) p

51-Sb-122m

Radionuclide Production Cross Section

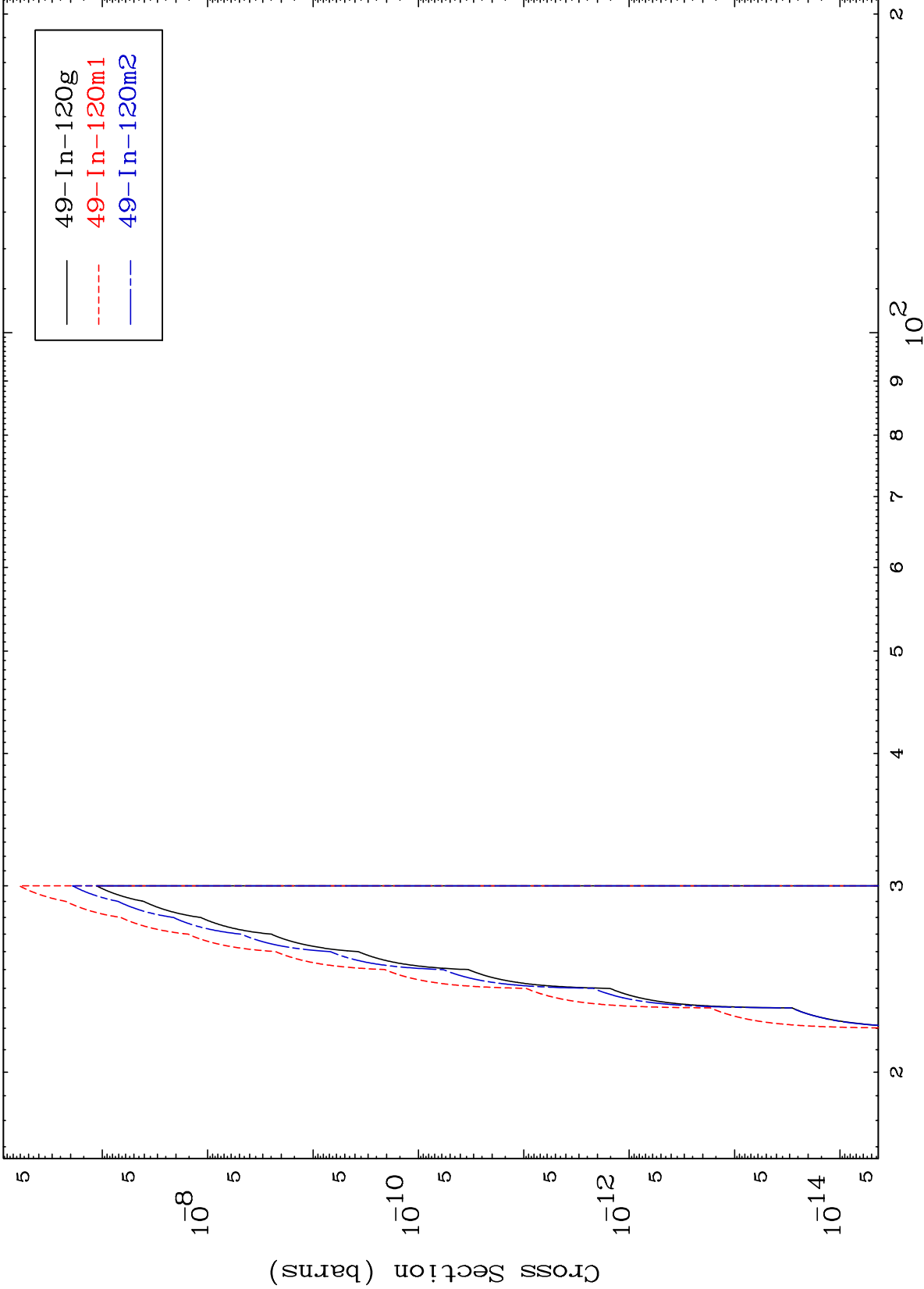


28

Incident Energy (MeV)

51-Sb-122m

Radionuclide Production Cross Section

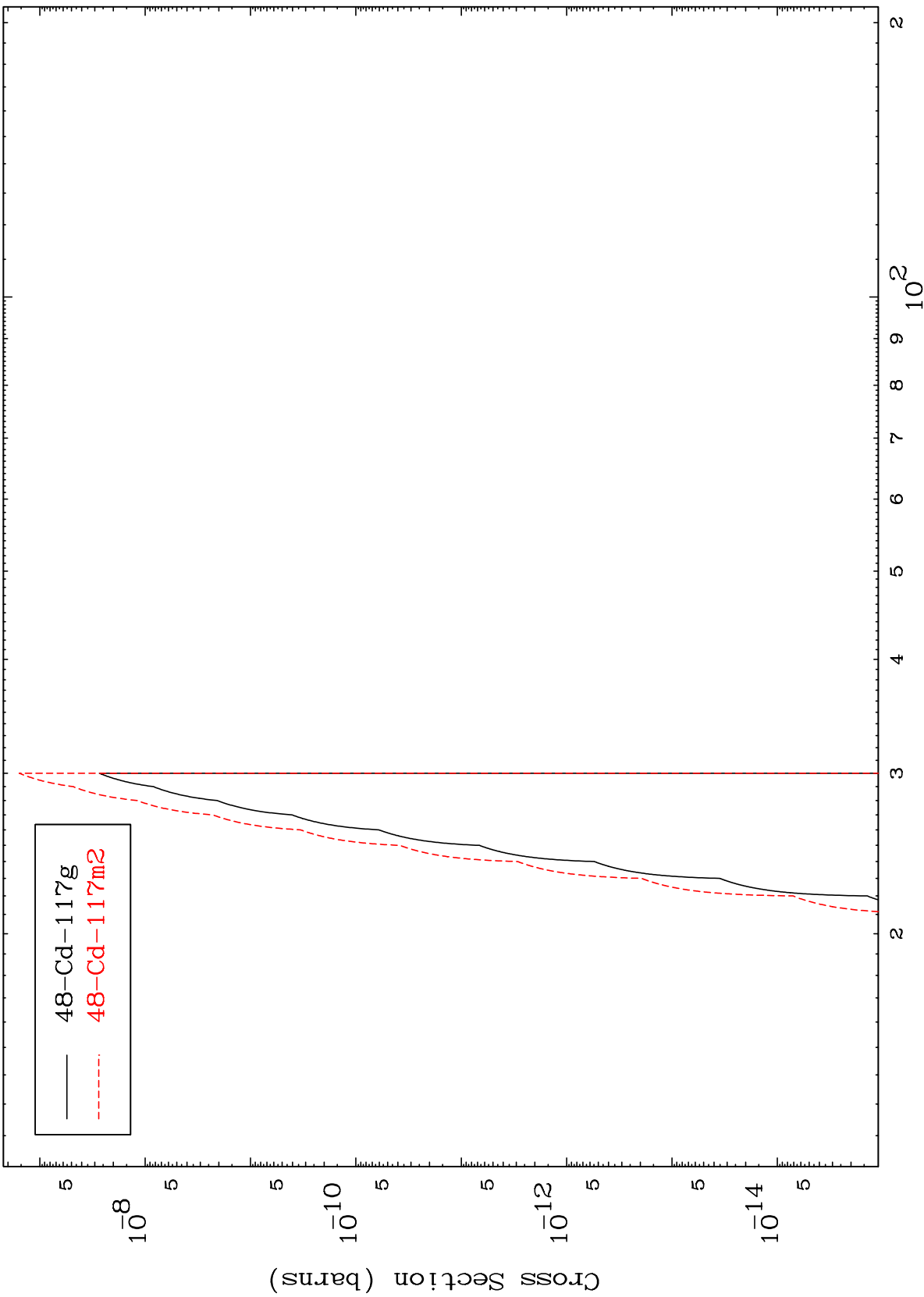


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(n,n') p α

51-Sb-122m

Radionuclide Production Cross Section



Incident Energy (MeV)

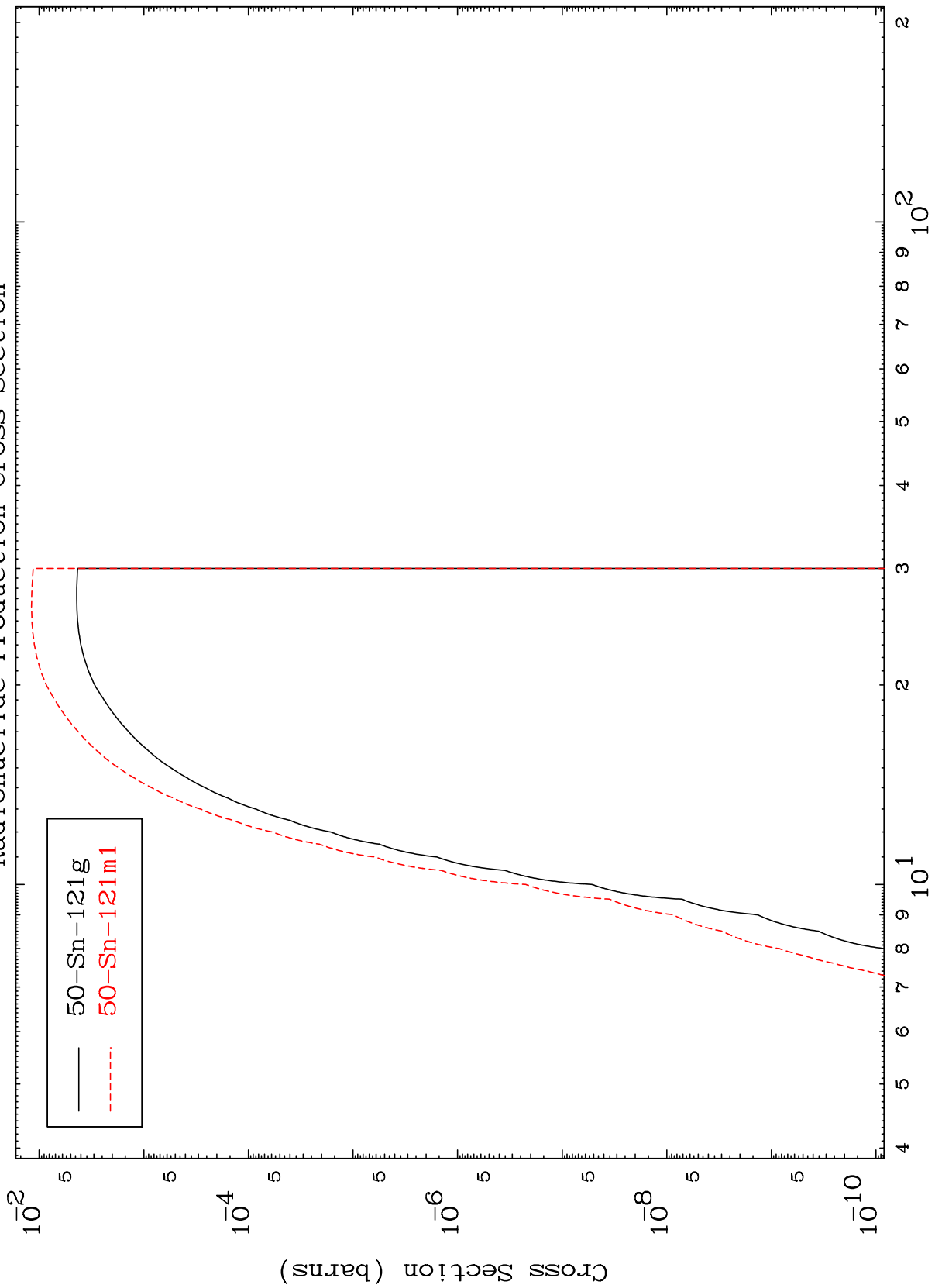
51-Sb-122m

30

MAT 5129

51-Sb-122m

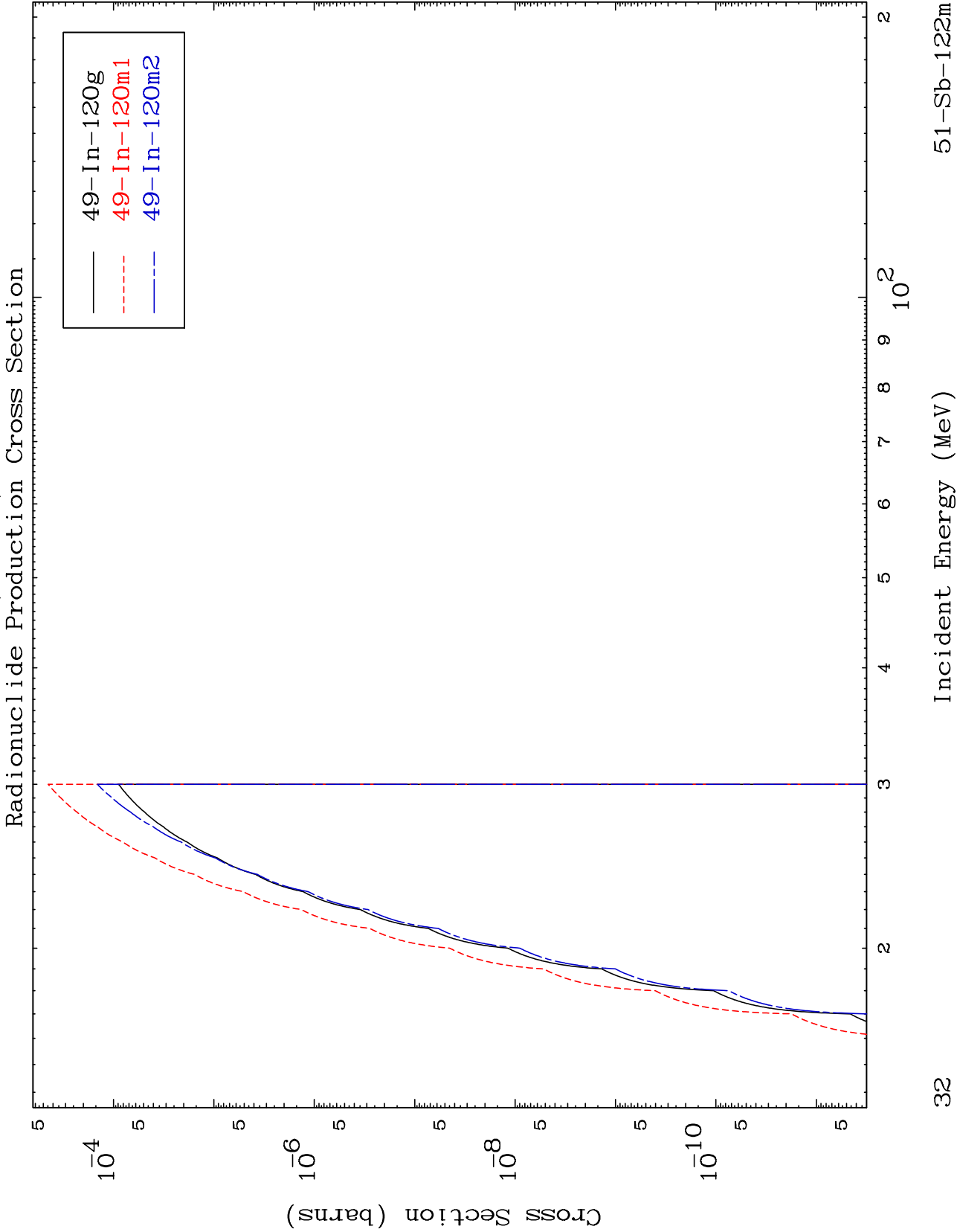
Radionuclide Production Cross Section (n,d)

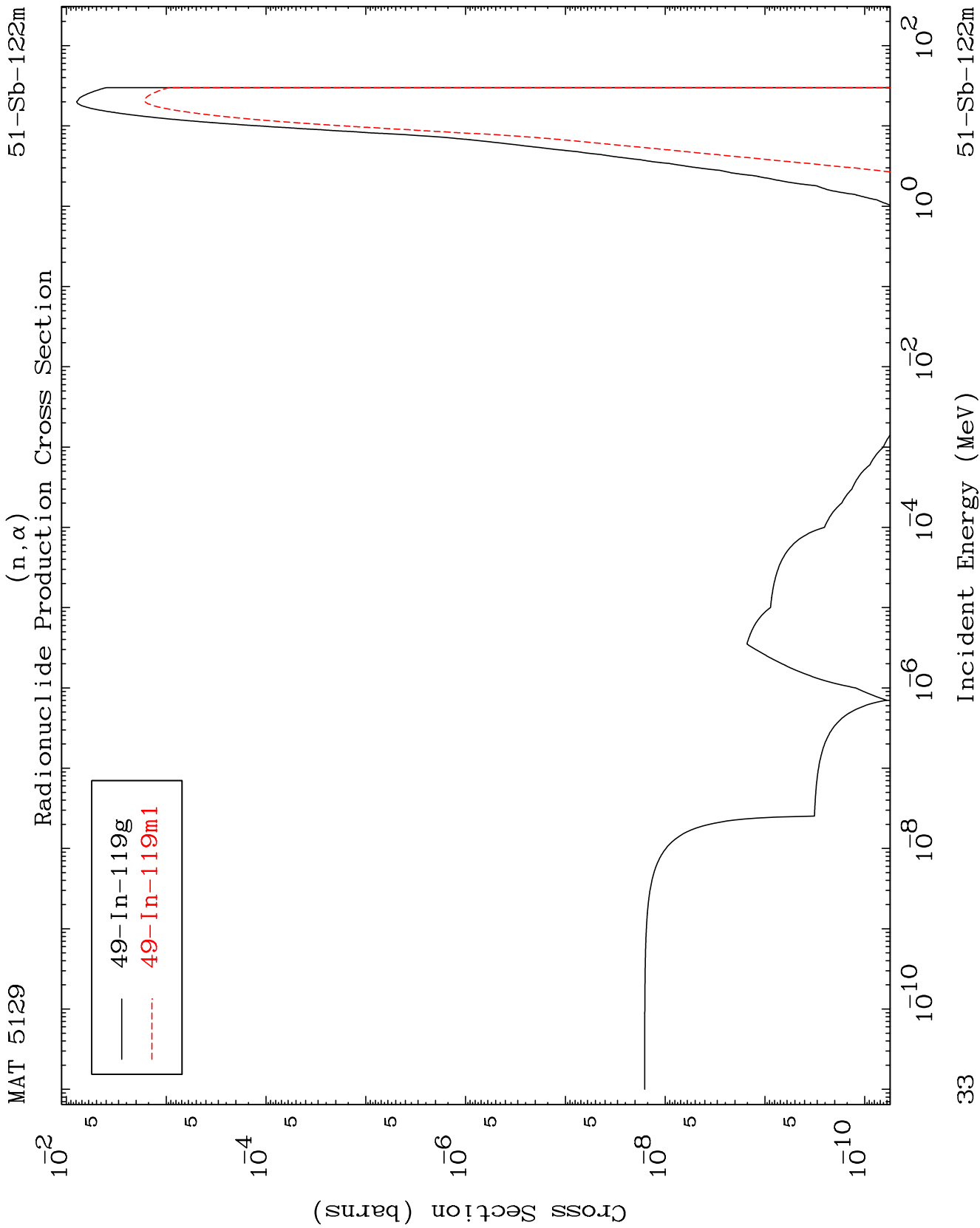


Incident Energy (MeV)

51-Sb-122m

31



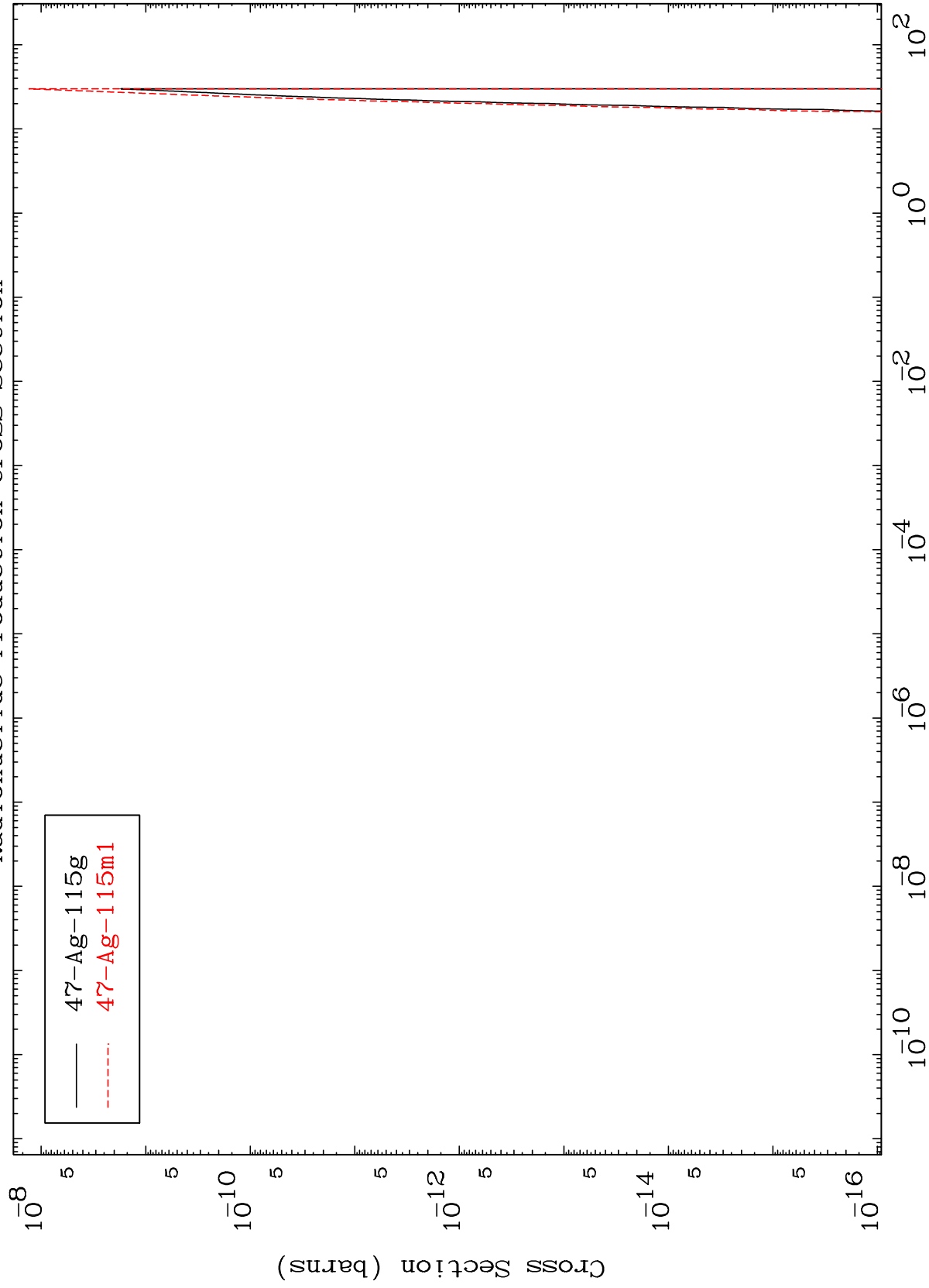


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(n,2 α)

51-Sb-122m

Radionuclide Production Cross Section



34

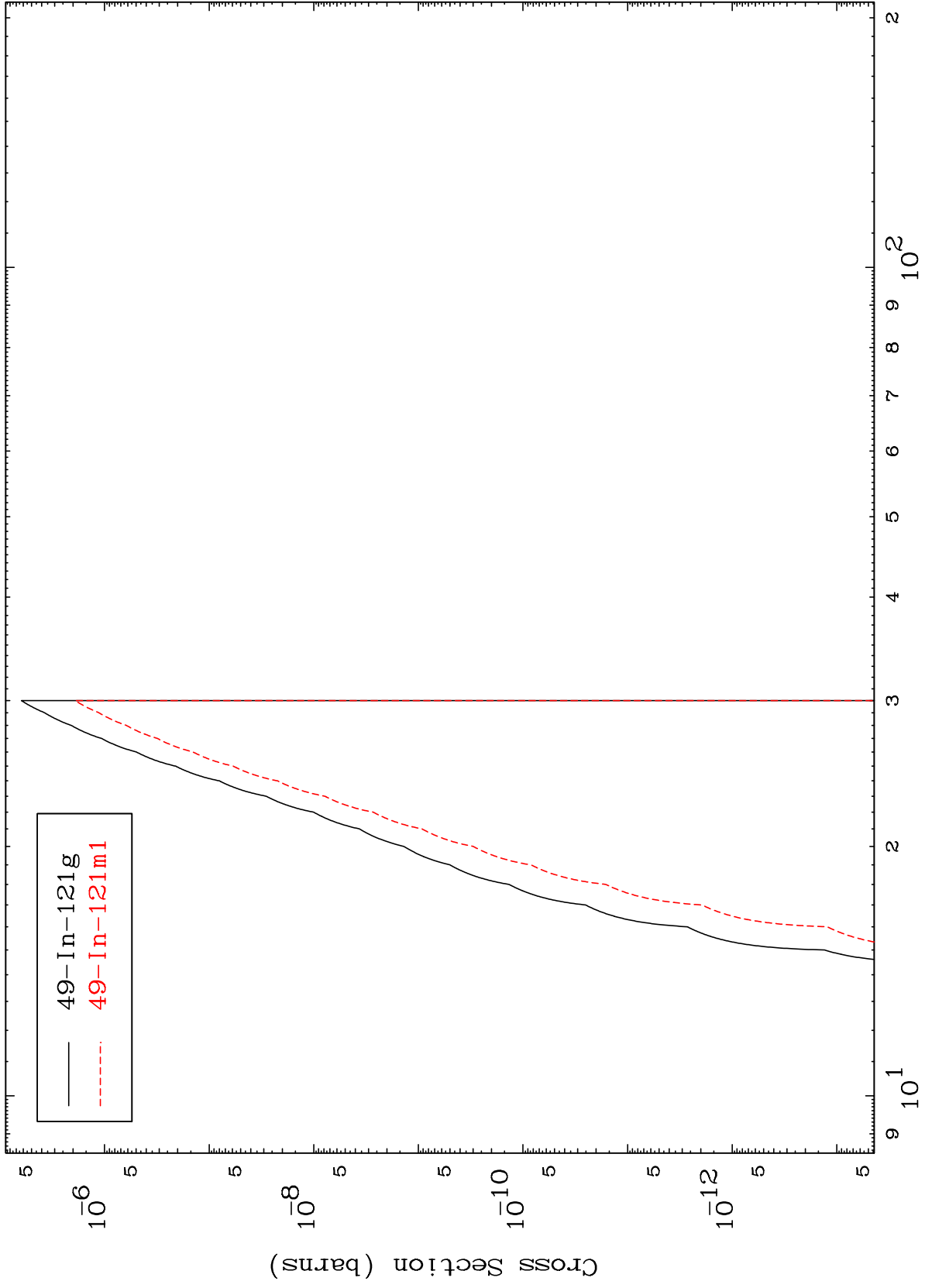
Incident Energy (MeV)

51-Sb-122m

MAT 5129

51-Sb-122m

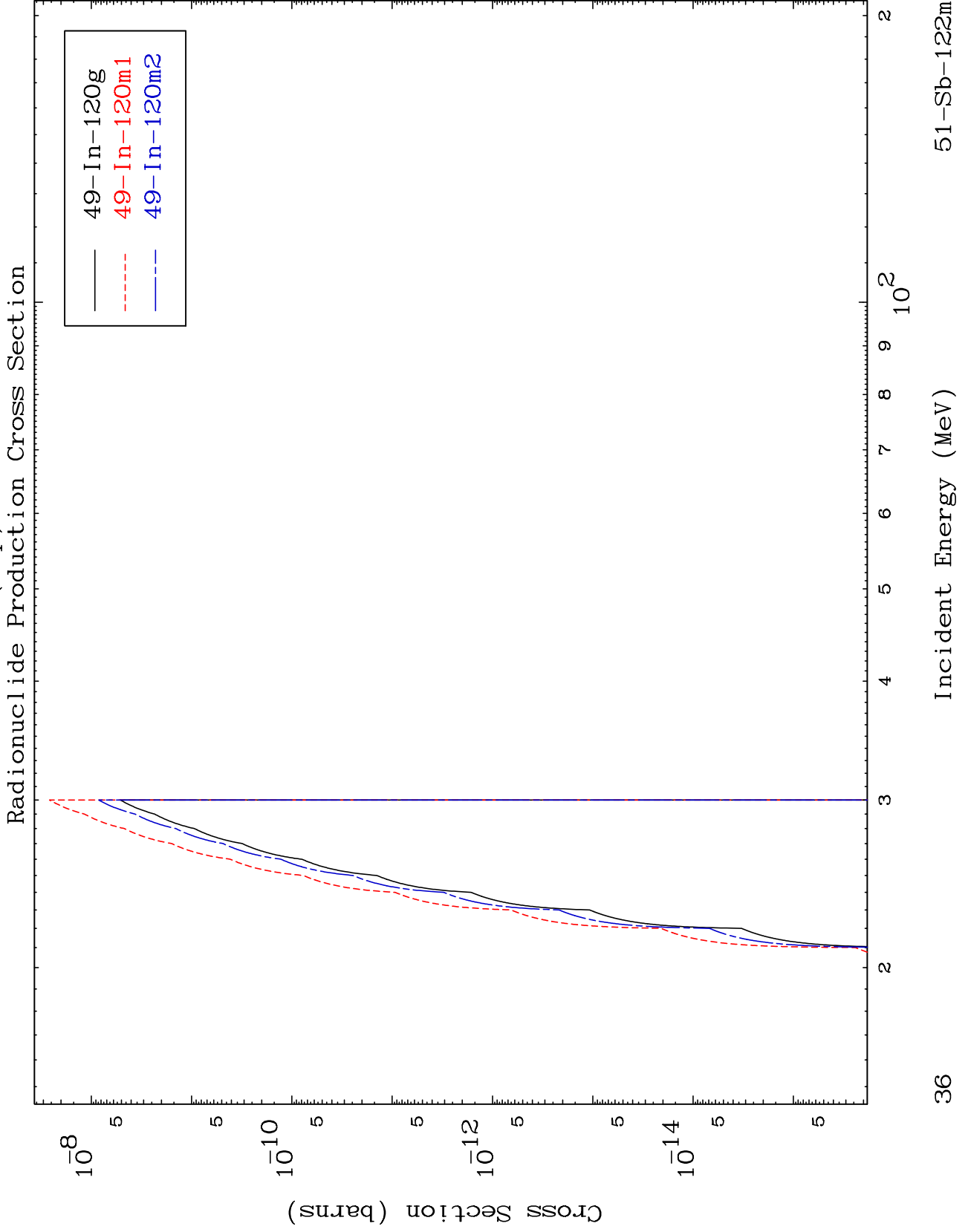
(n,2p)
Radionuclide Production Cross Section



35

Incident Energy (MeV)

51-Sb-122m

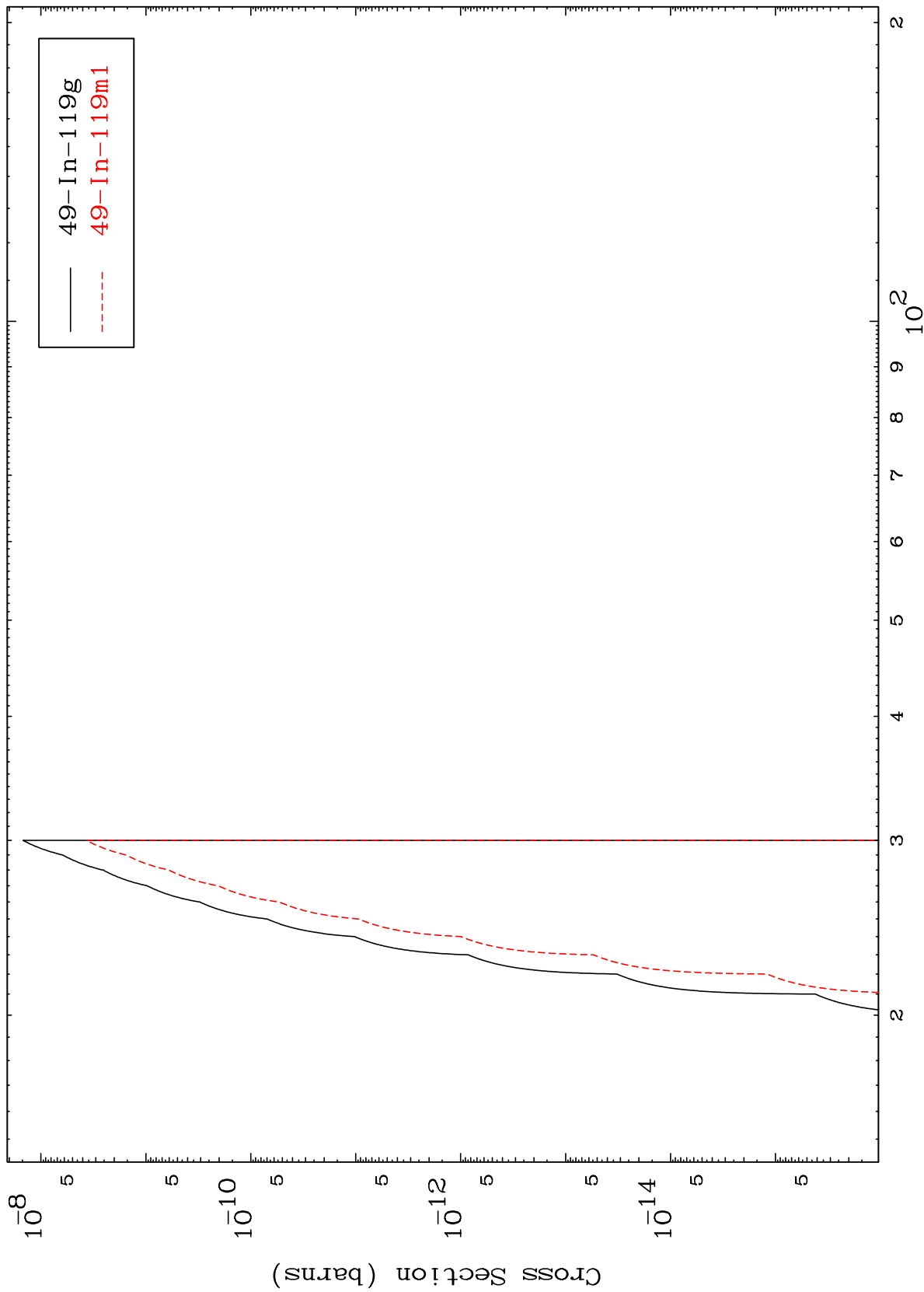


MAT 5129

(n,p) t

51-Sb-122m

Radionuclide Production Cross Section



37

Incident Energy (MeV)

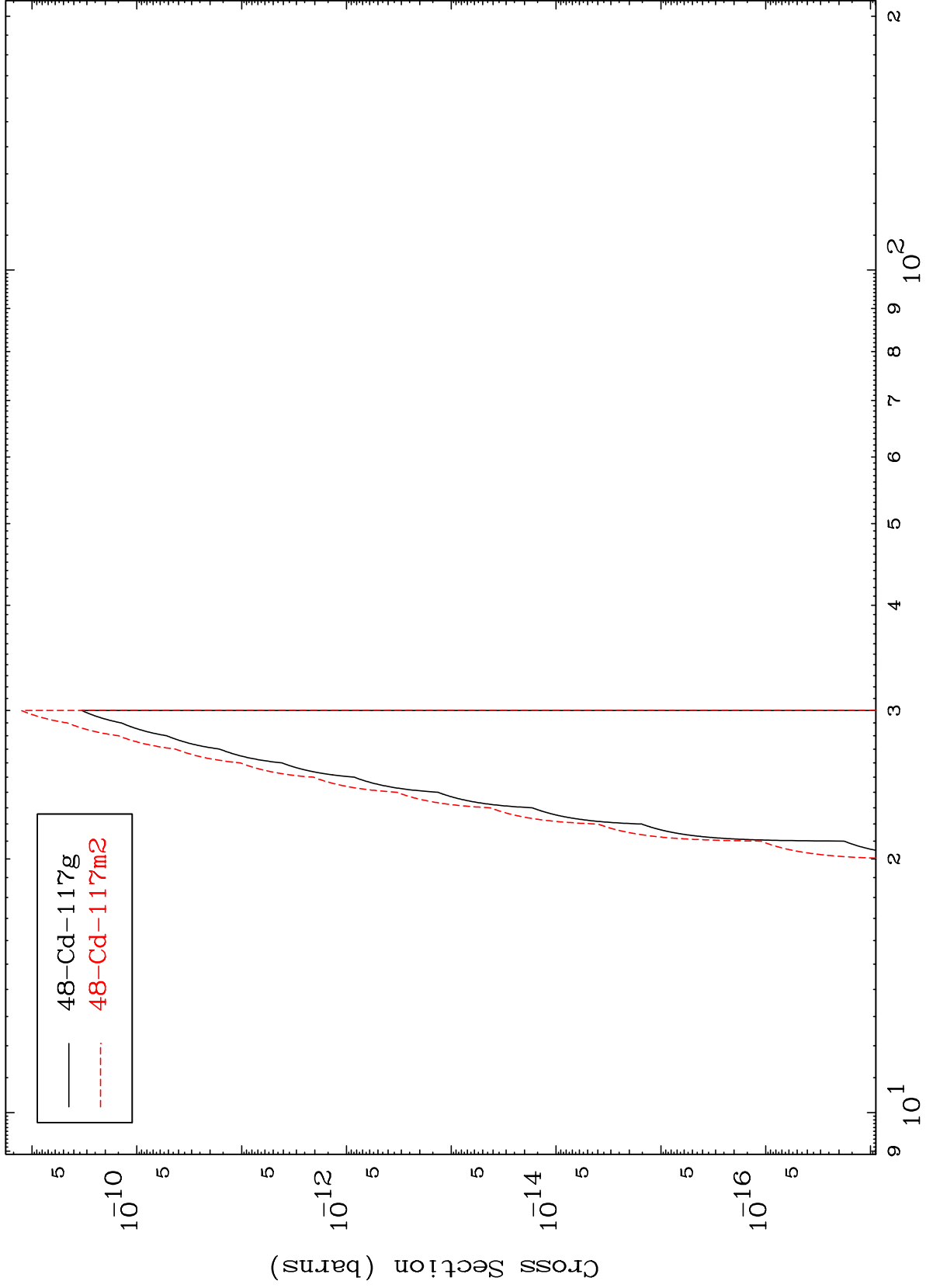
51-Sb-122m

MAT 5129

(n,d) α

51-Sb-122m

Radionuclide Production Cross Section



38

Incident Energy (MeV)

51-Sb-122m