

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

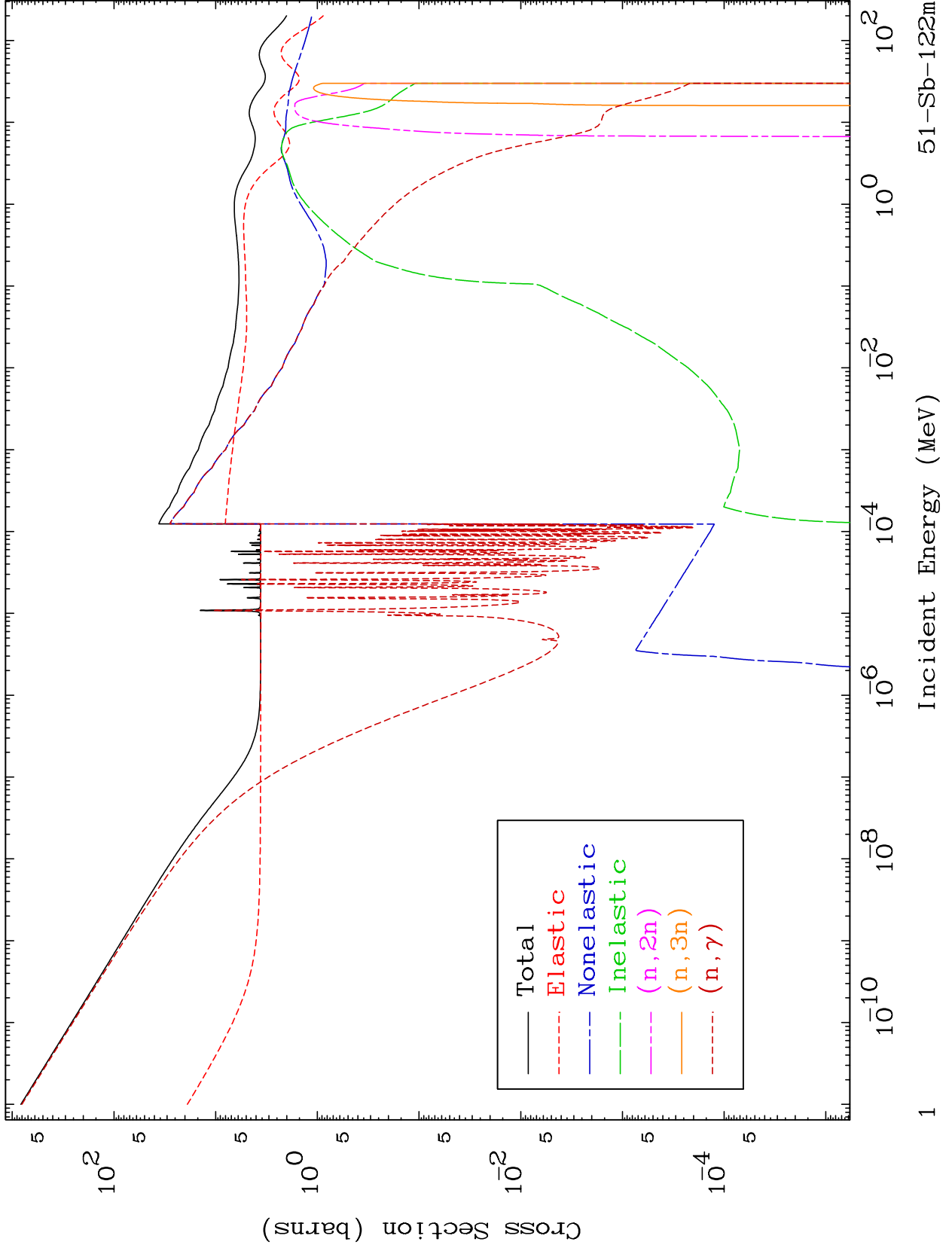
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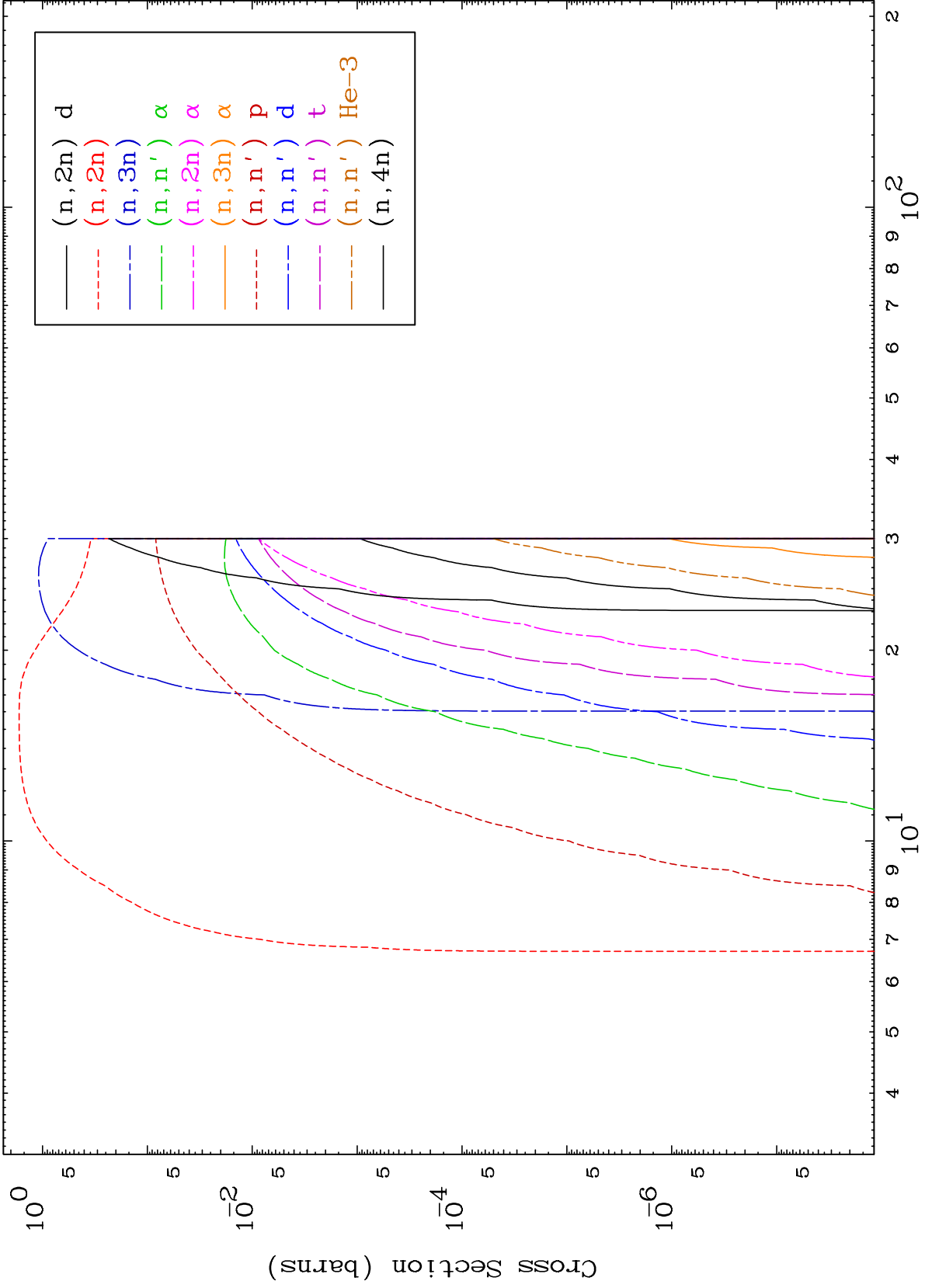
Press Mouse Button to Start

MAT 5129

Neutron Major
293 Kelvin Cross Sections

51-Sb-122m

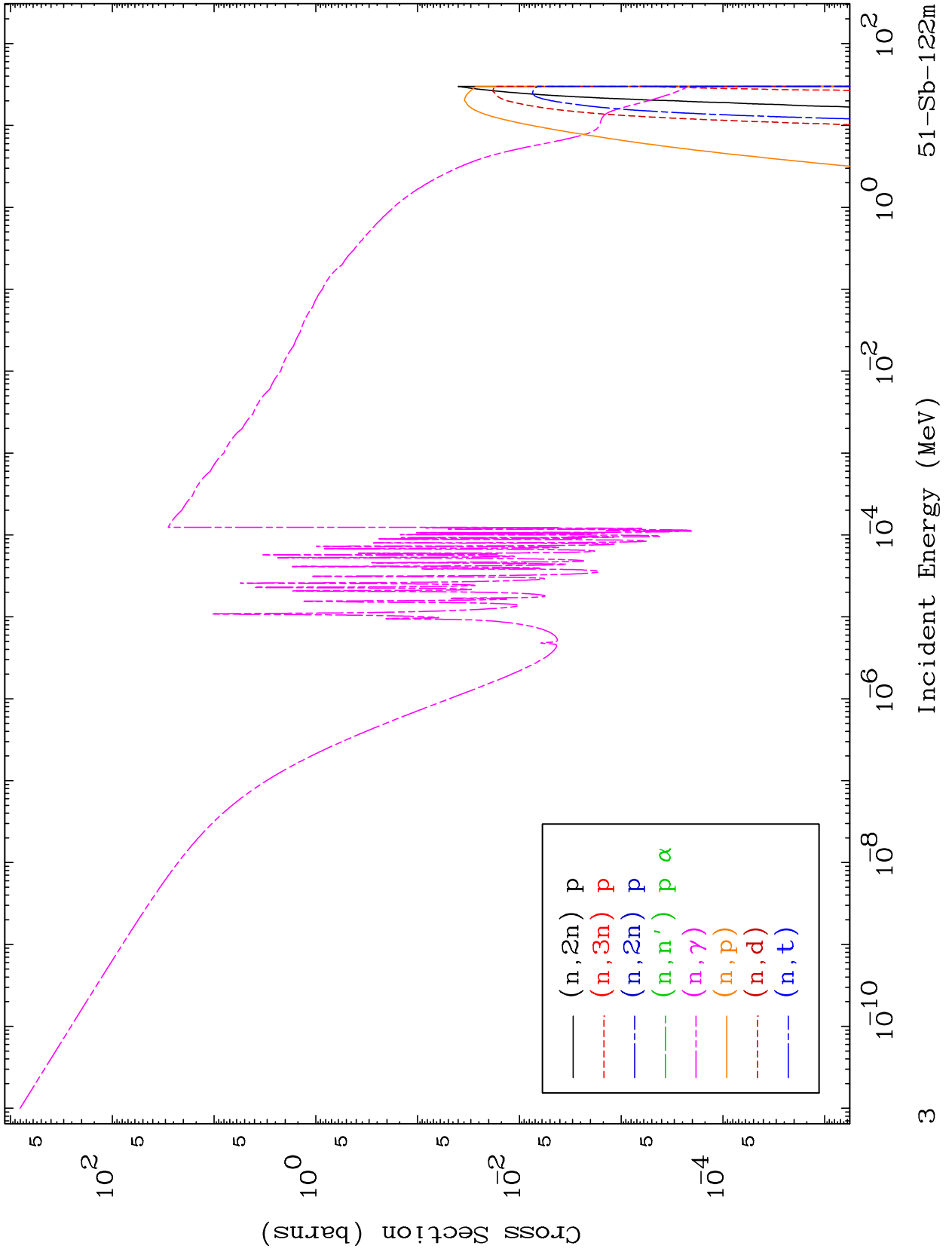




MAT 5129

Neutron Absorption
293 Kelvin Cross Sections

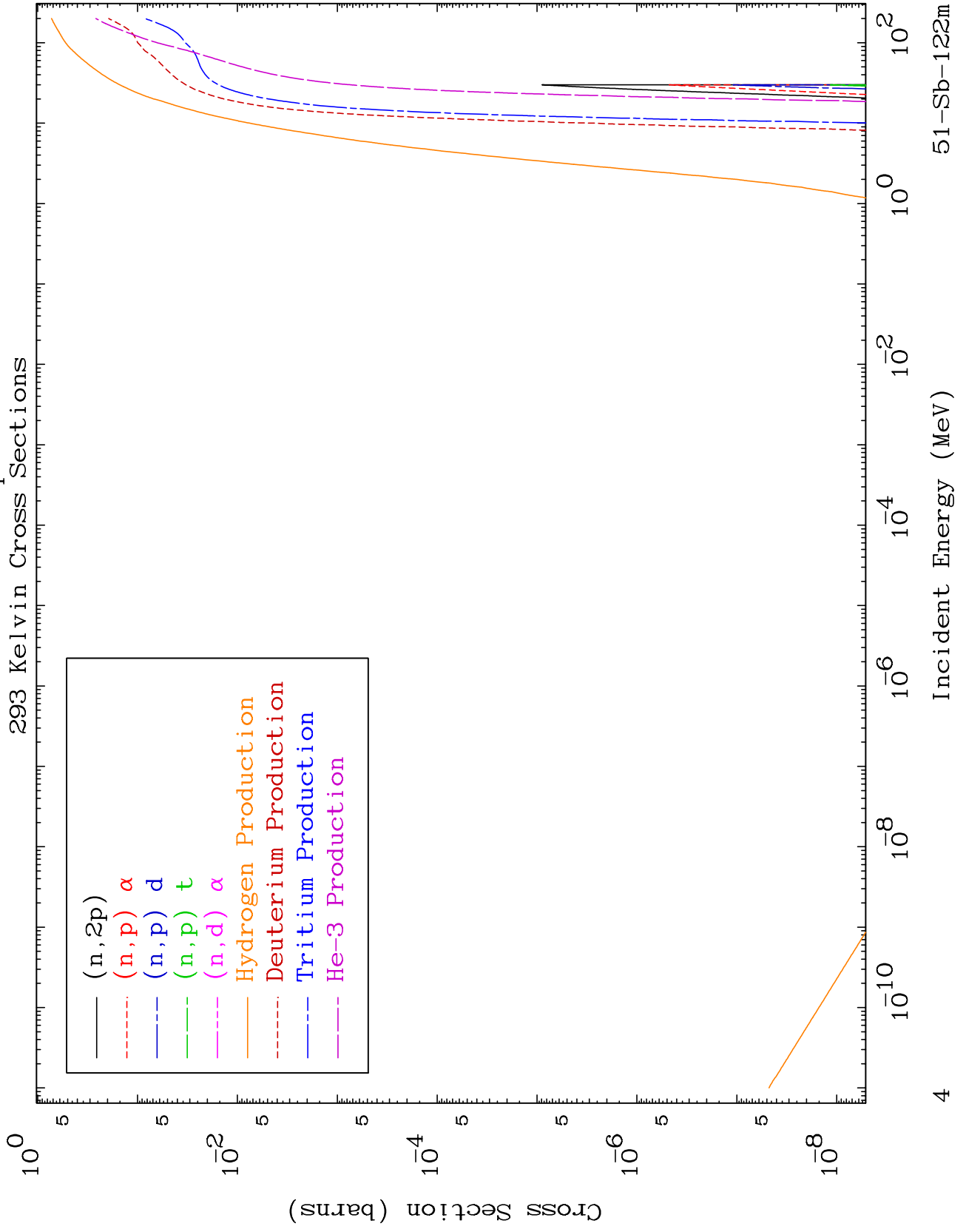
51-Sb-122m



MAT 5129

Neutron Absorption
293 Kelvin Cross Sections

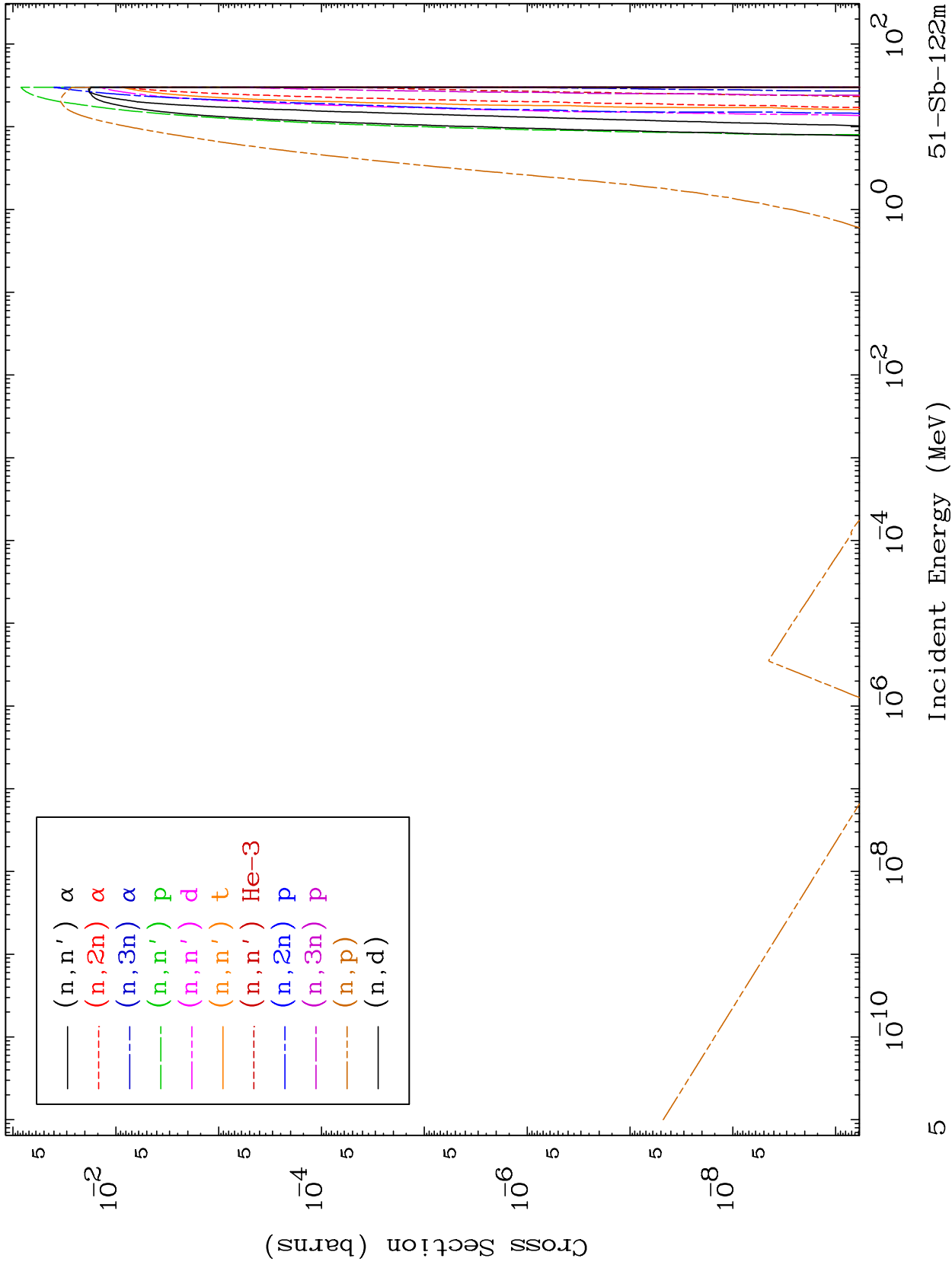
51-Sb-122m



MAT 5129

Charged Particle
293 Kelvin Cross Sections

51-Sb-122m

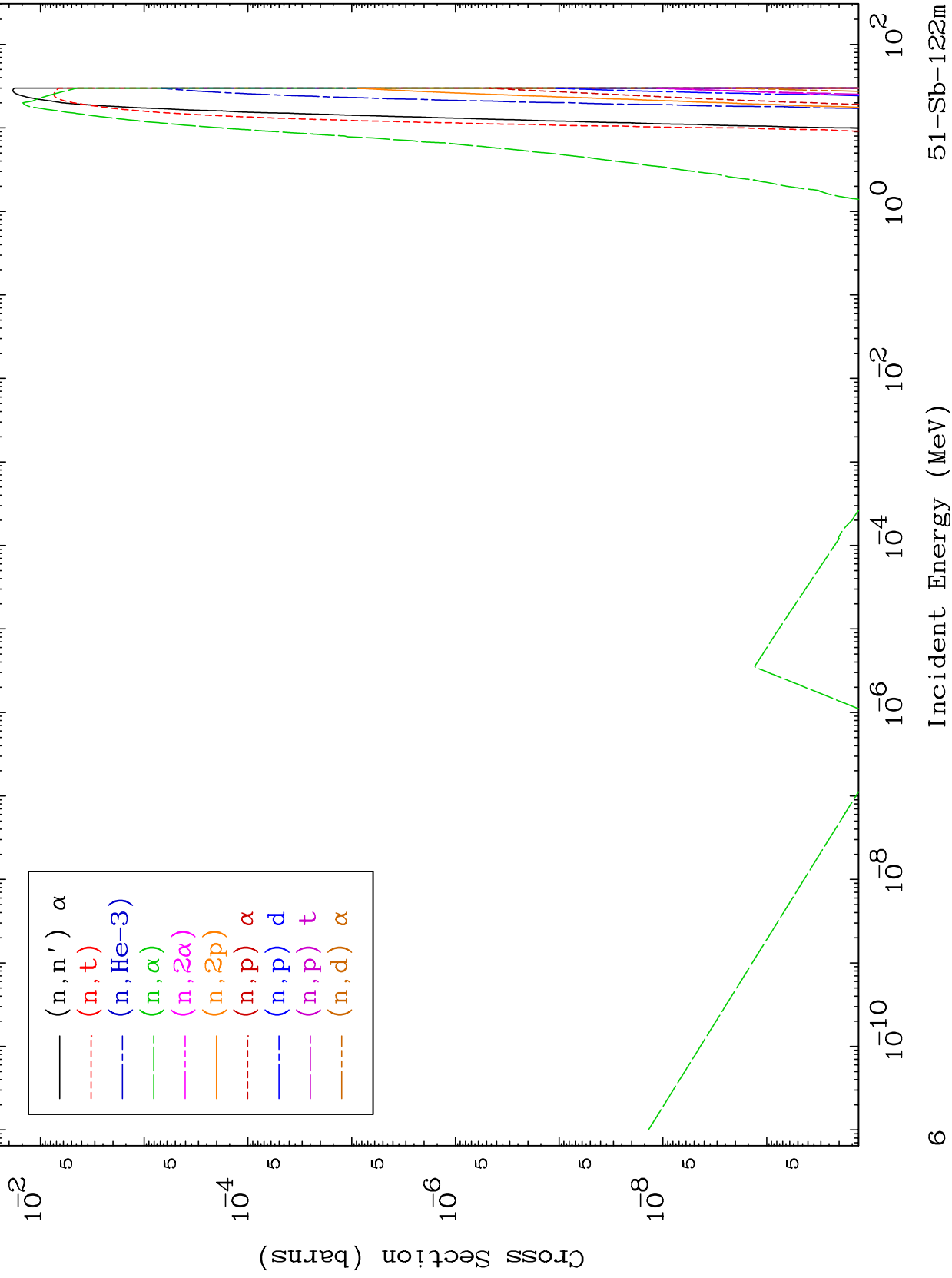


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MAT 5129

Charged Particle
293 Kelvin Cross Sections

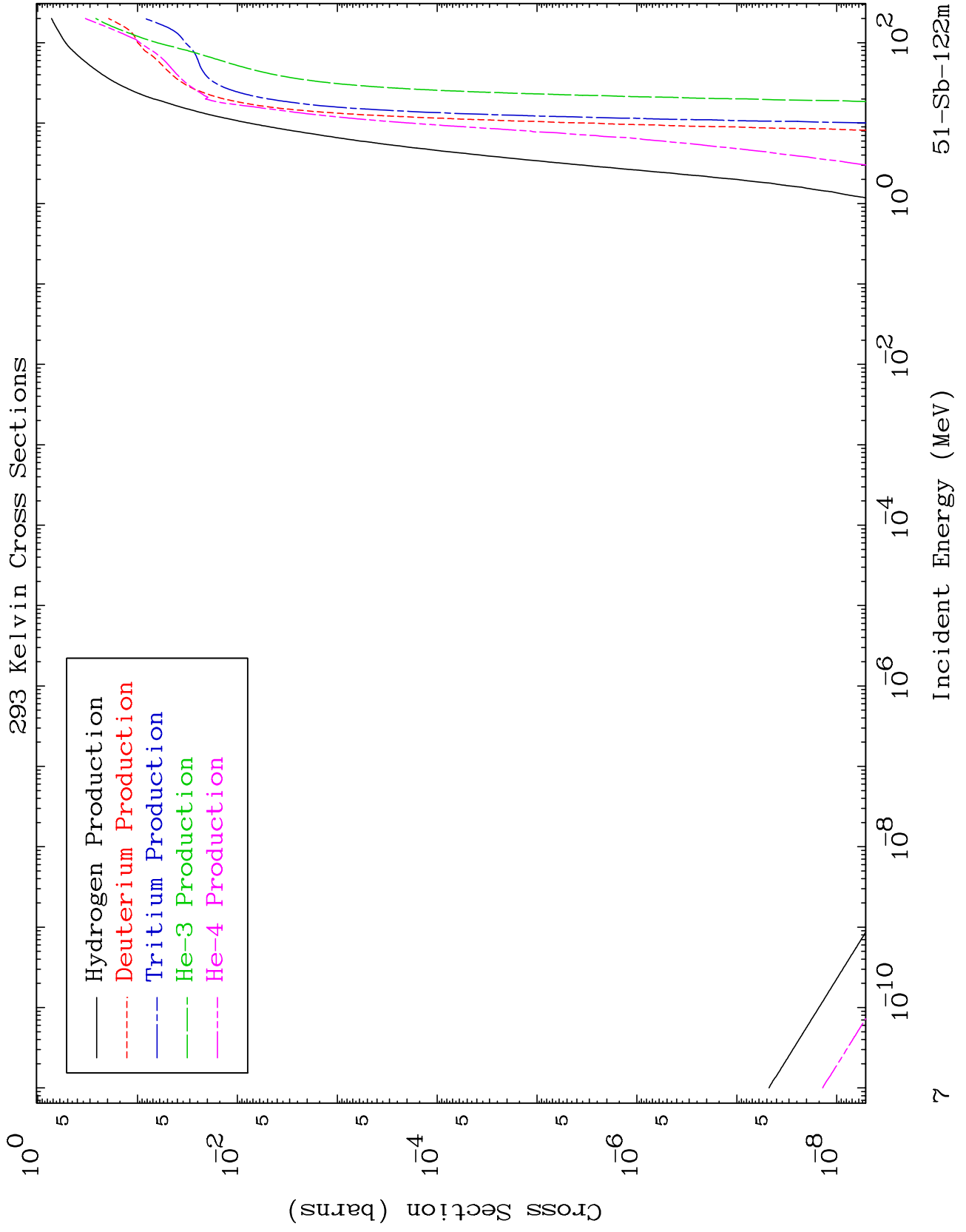
51-Sb-122m



MAT 5129

Particle Production
293 Kelvin Cross Sections

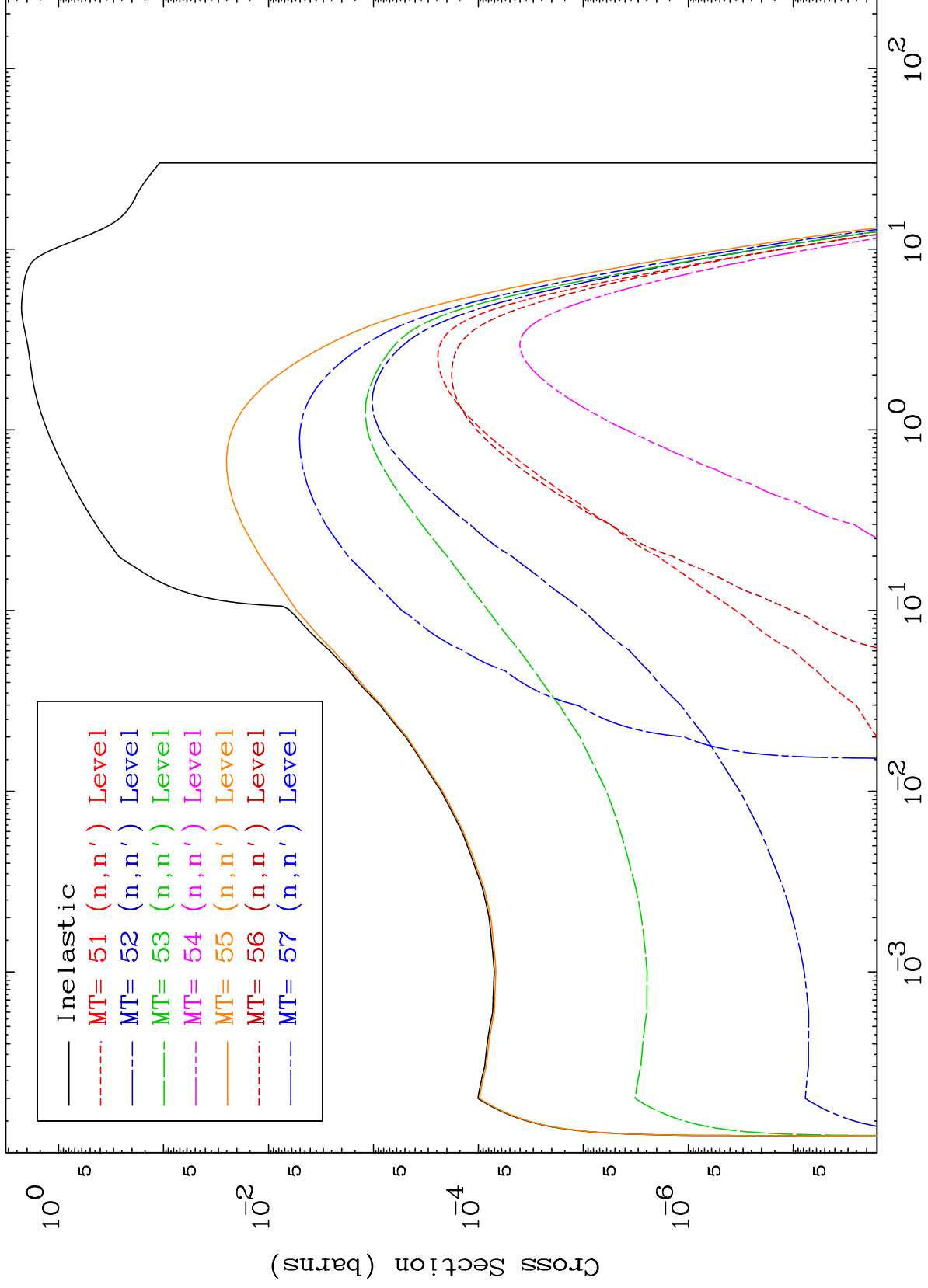
51-Sb-122m



MAT 5129

(n,n') Levels
293 Kelvin Cross Sections

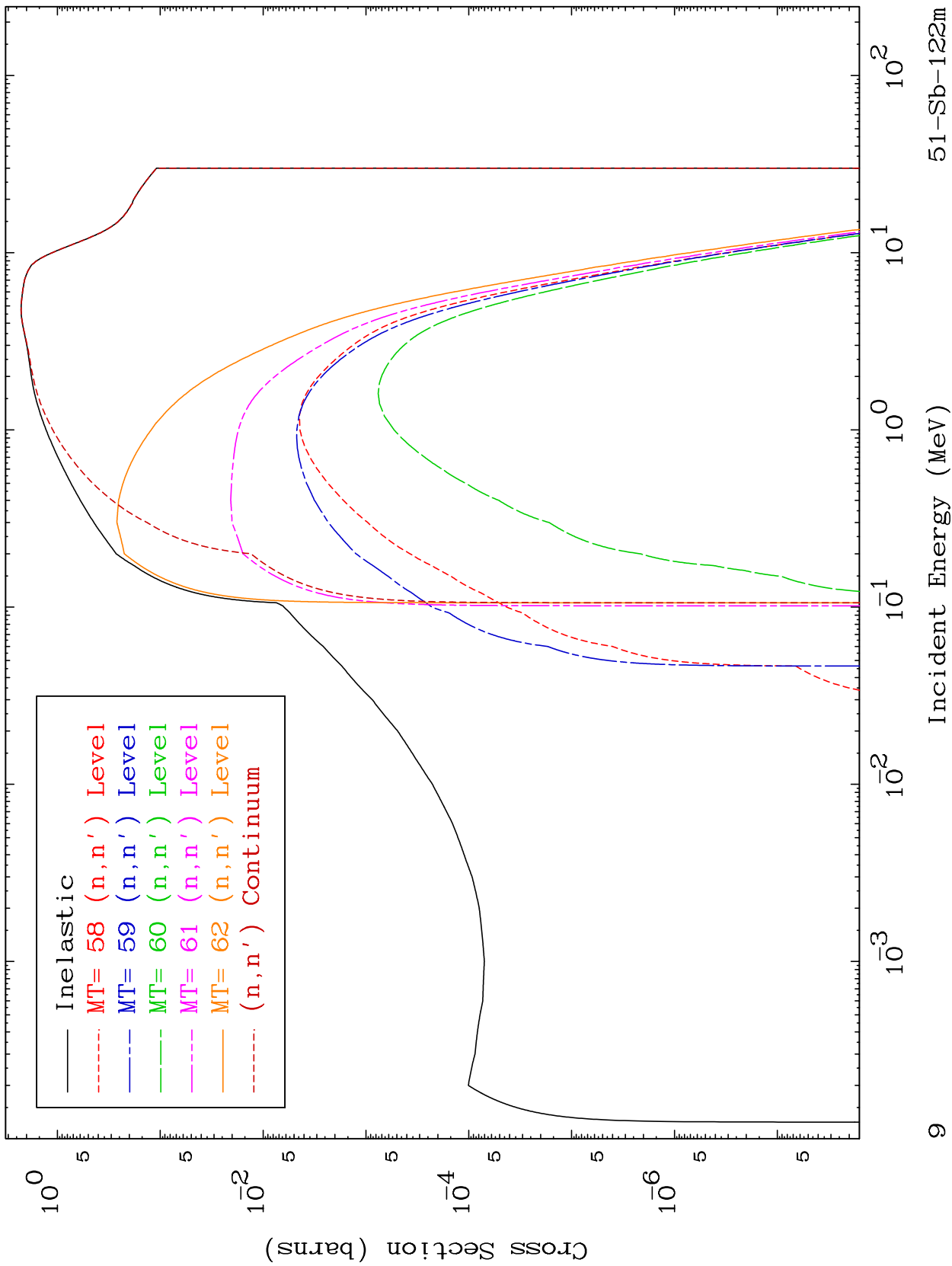
51-Sb-122m



MAT 5129

293 Kelvin Cross Sections

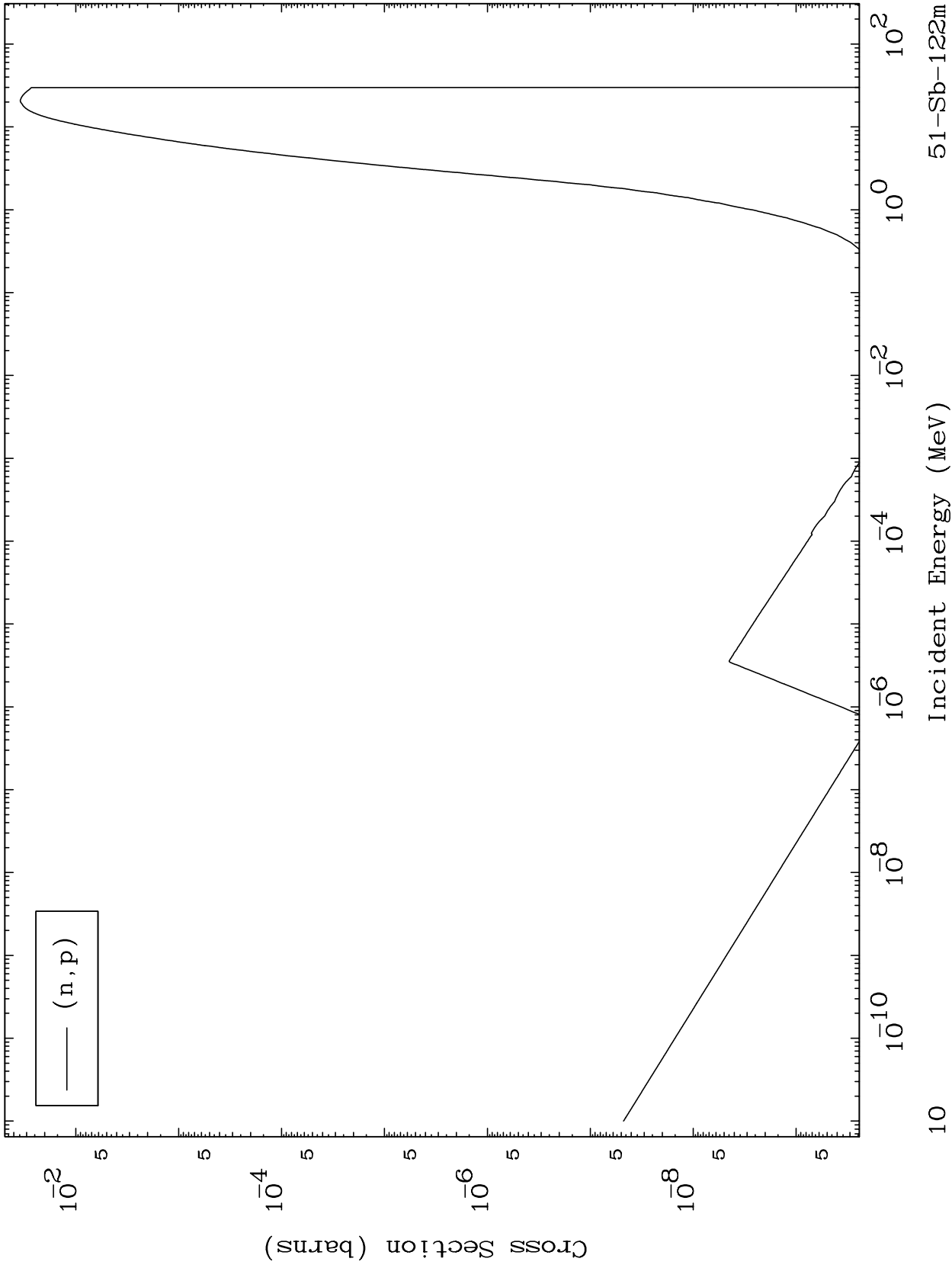
51-Sb-122m



MAT 5129

(n,p) Levels
293 Kelvin Cross Sections

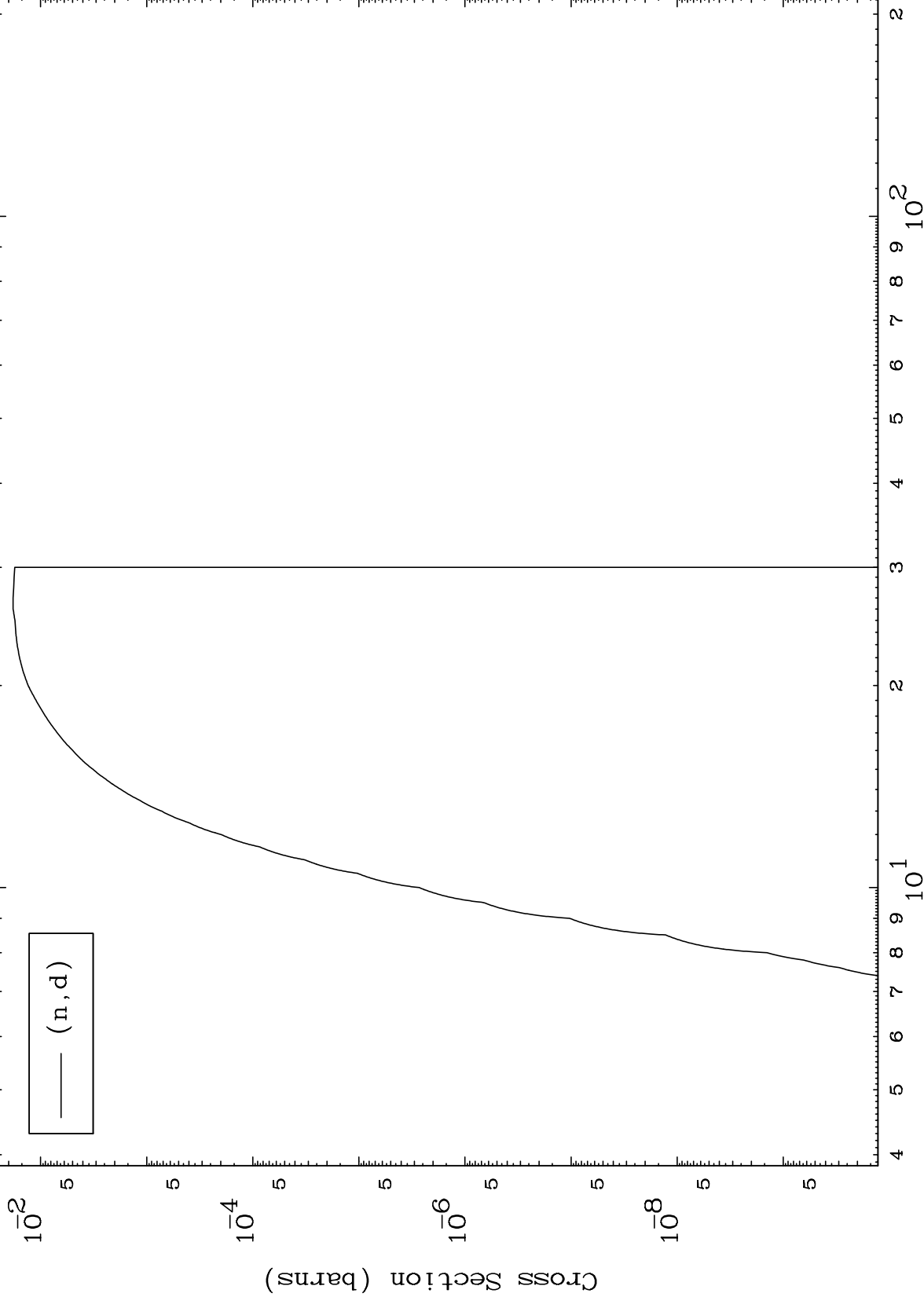
51-Sb-122m



MAT 5129

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-122m



(n,d)

51-Sb-122m

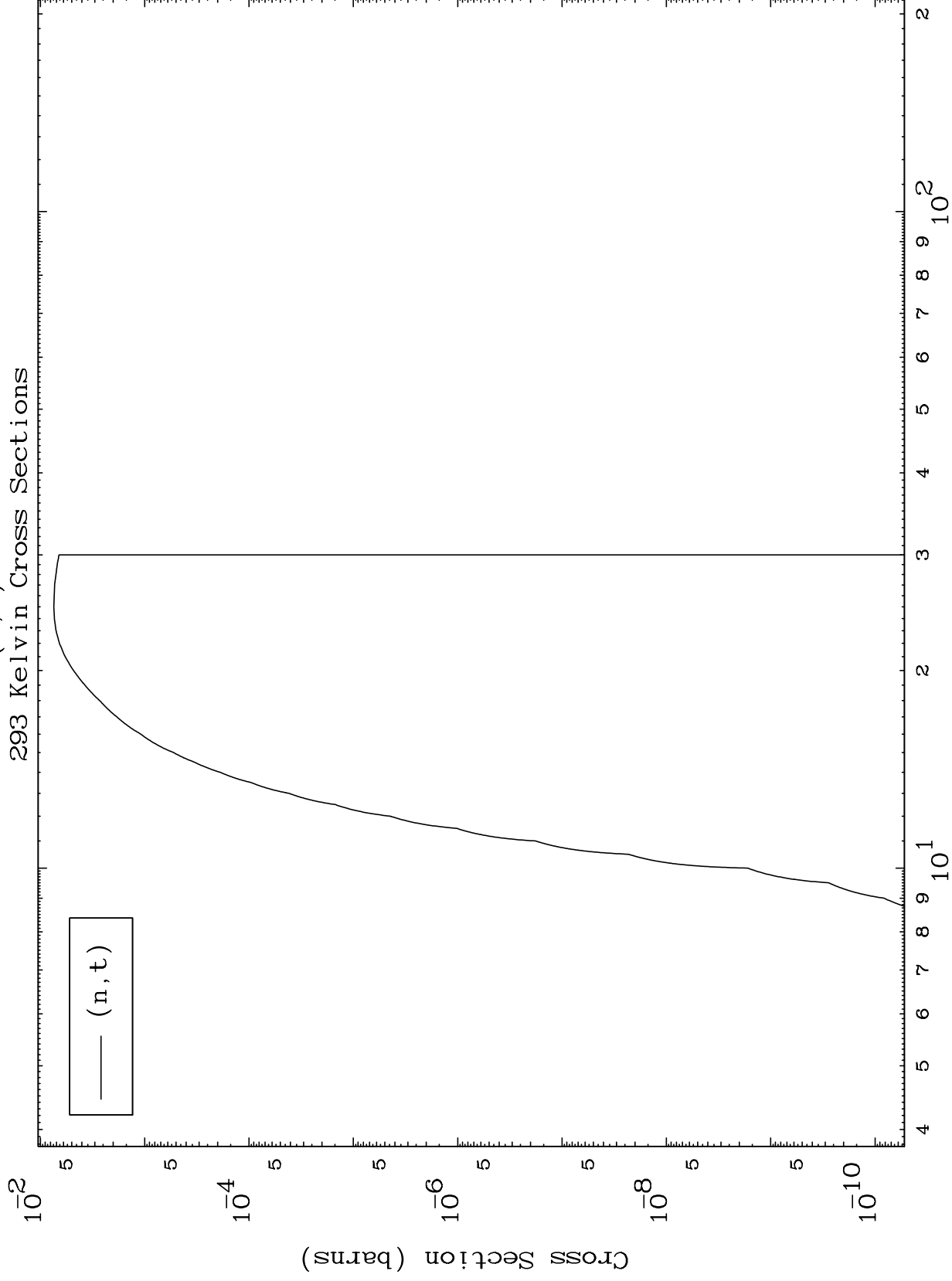
Incident Energy (MeV)

11

MAT 5129

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-122m



(n,t)

Incident Energy (MeV)

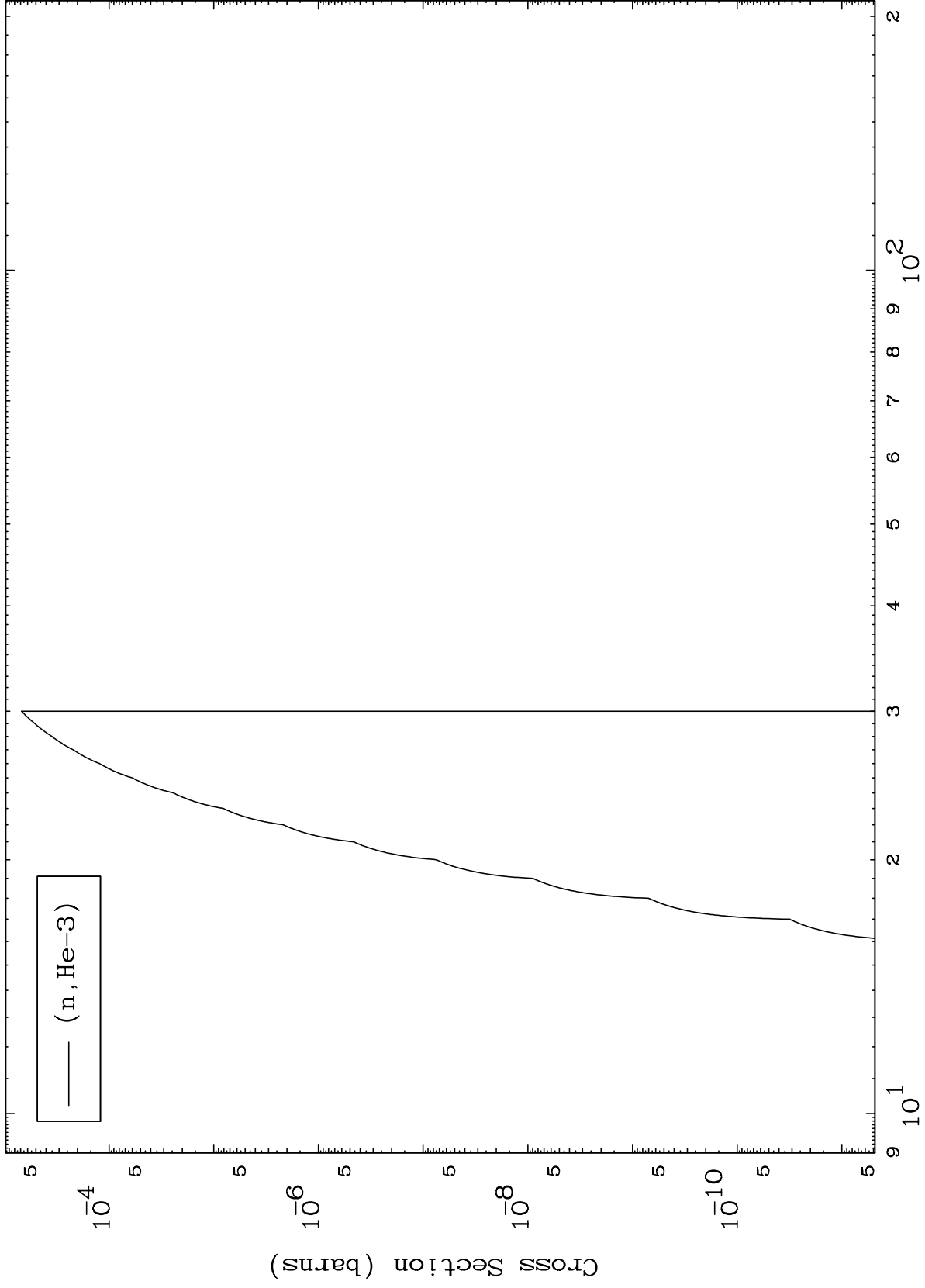
51-Sb-122m

12

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(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-122m



13

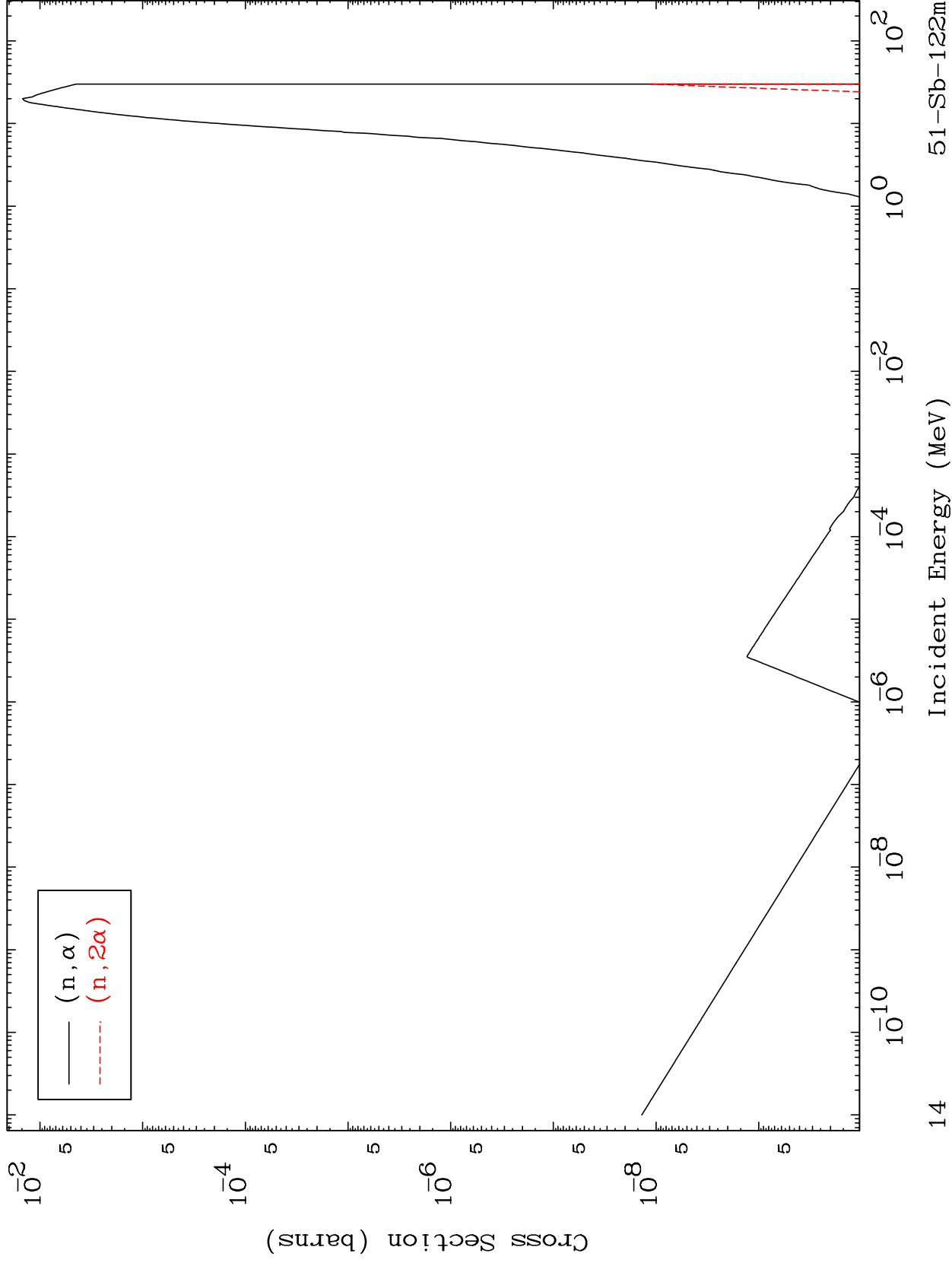
Incident Energy (MeV)

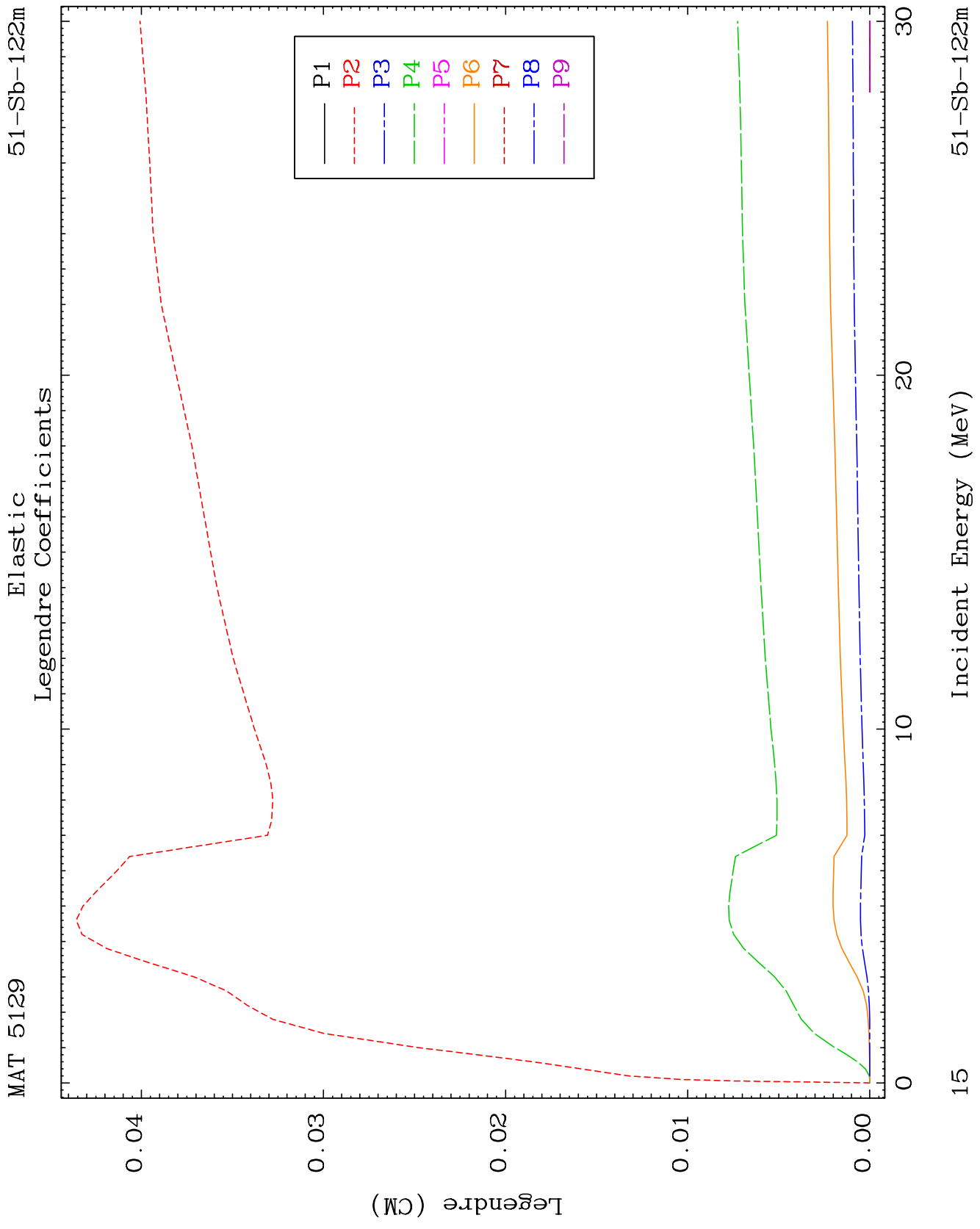
51-Sb-122m

MAT 5129

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-122m

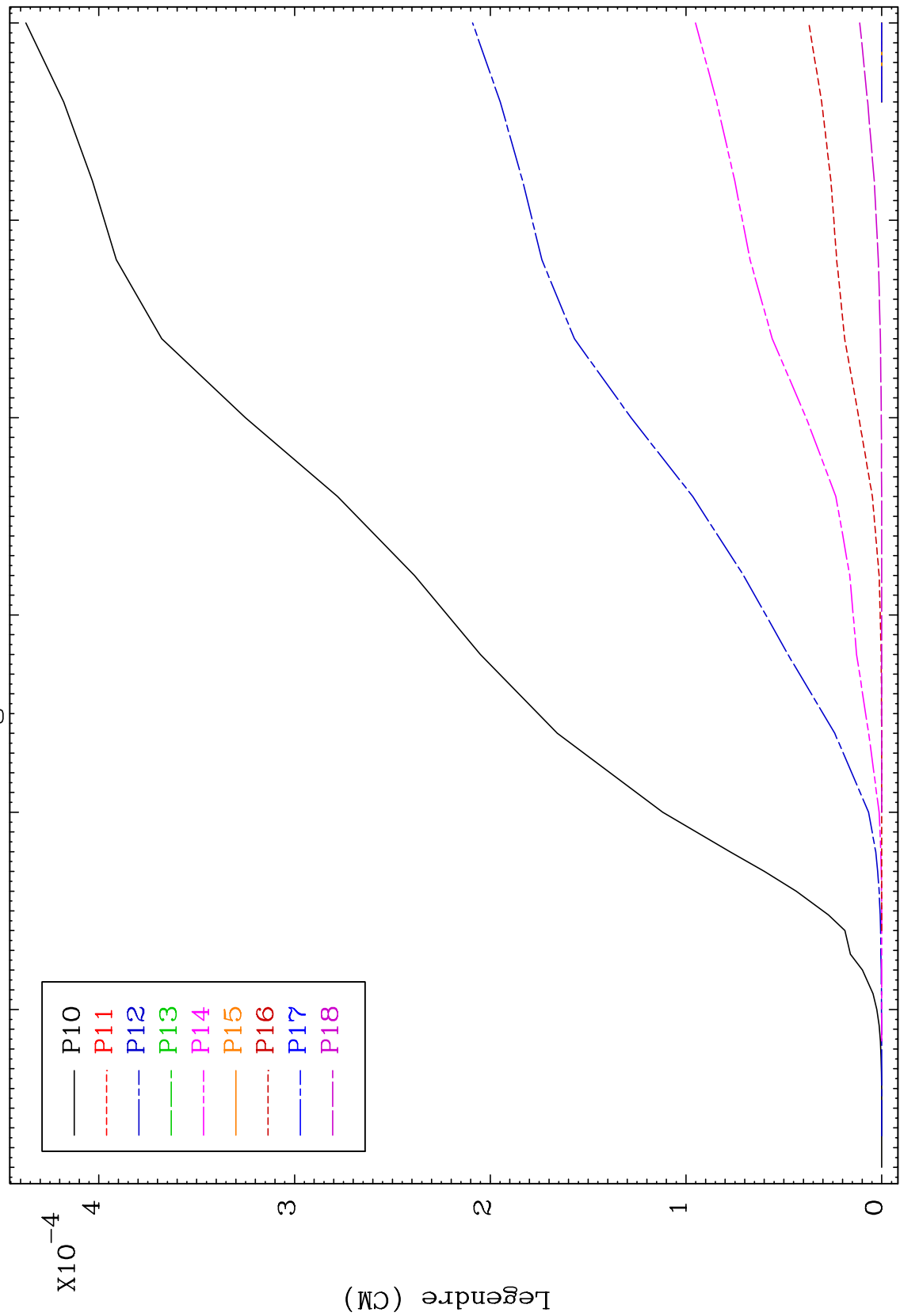




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Elastic Legendre Coefficients

51-Sb-122m



16

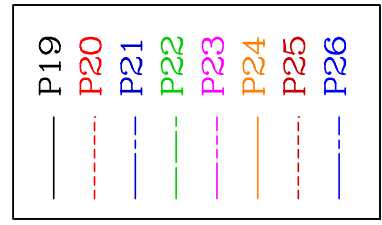
Incident Energy (MeV)

51-Sb-122m

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Elastic Legendre Coefficients

51-Sb-122m



$\times 10^{-7}$

Legendre (CM)



17

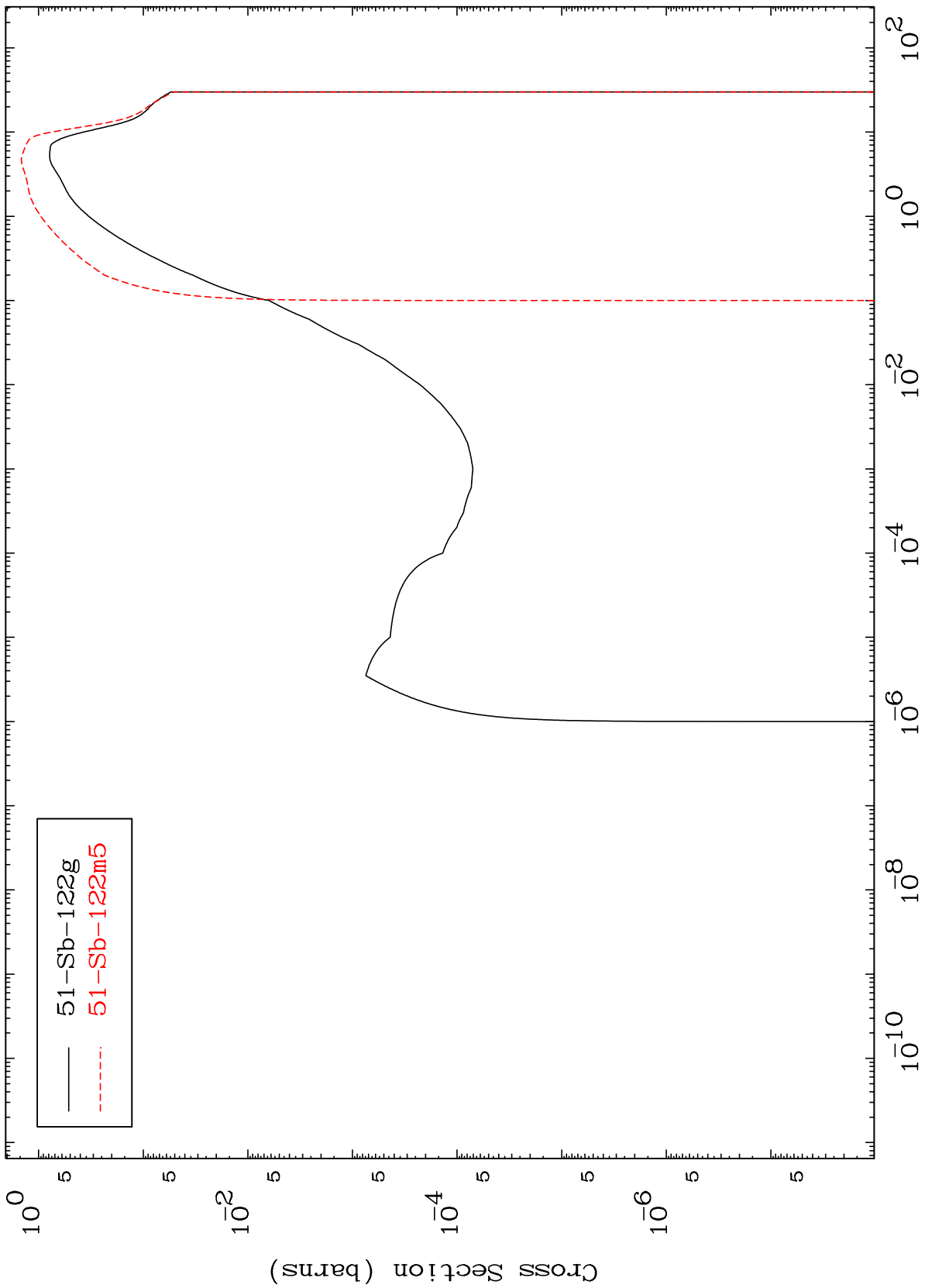
Incident Energy (MeV)

51-Sb-122m

MAT 5129

51-Sb-122m

Inelastic
Radionuclide Production Cross Section

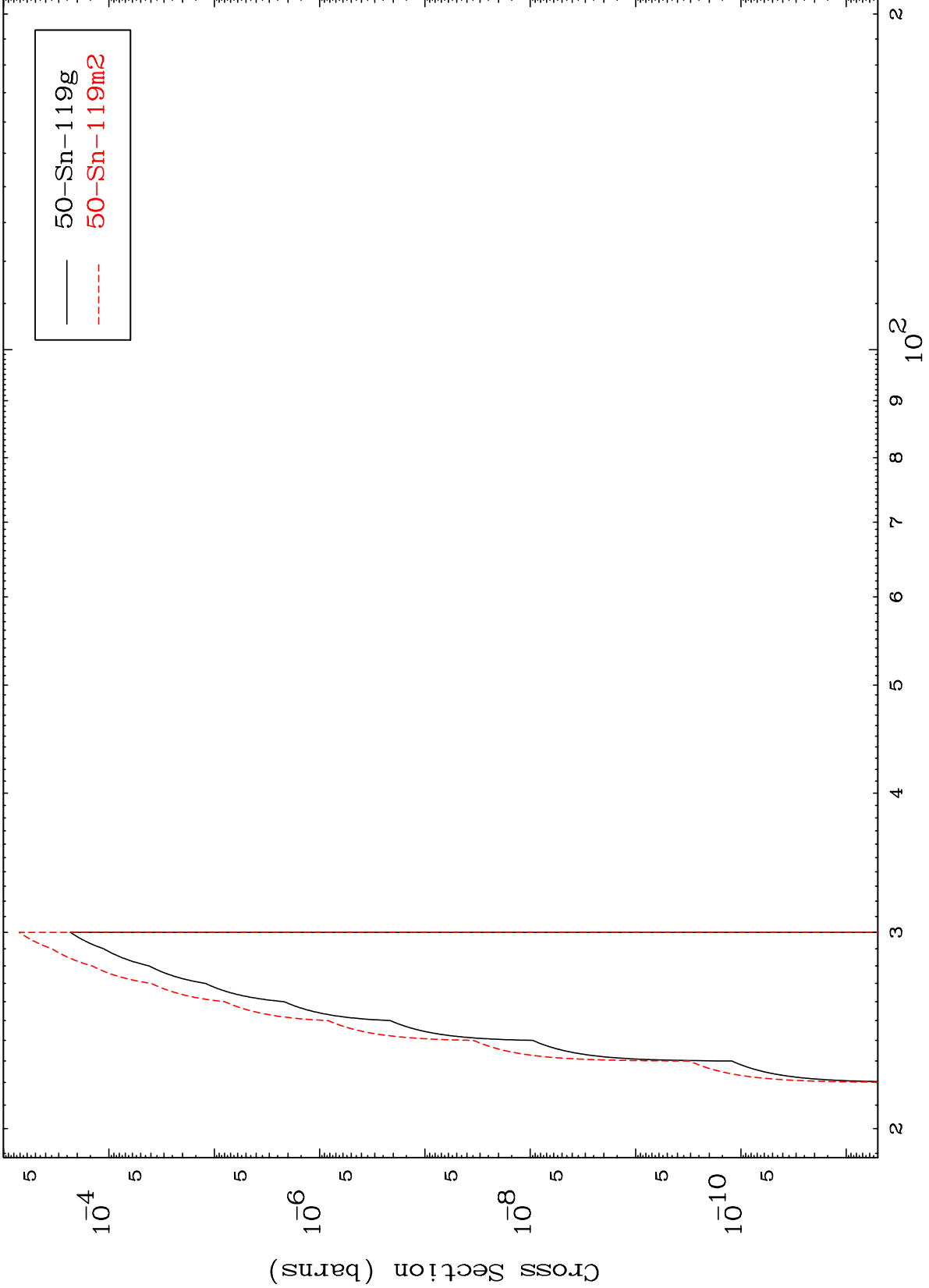


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(n,2n) d

51-Sb-122m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

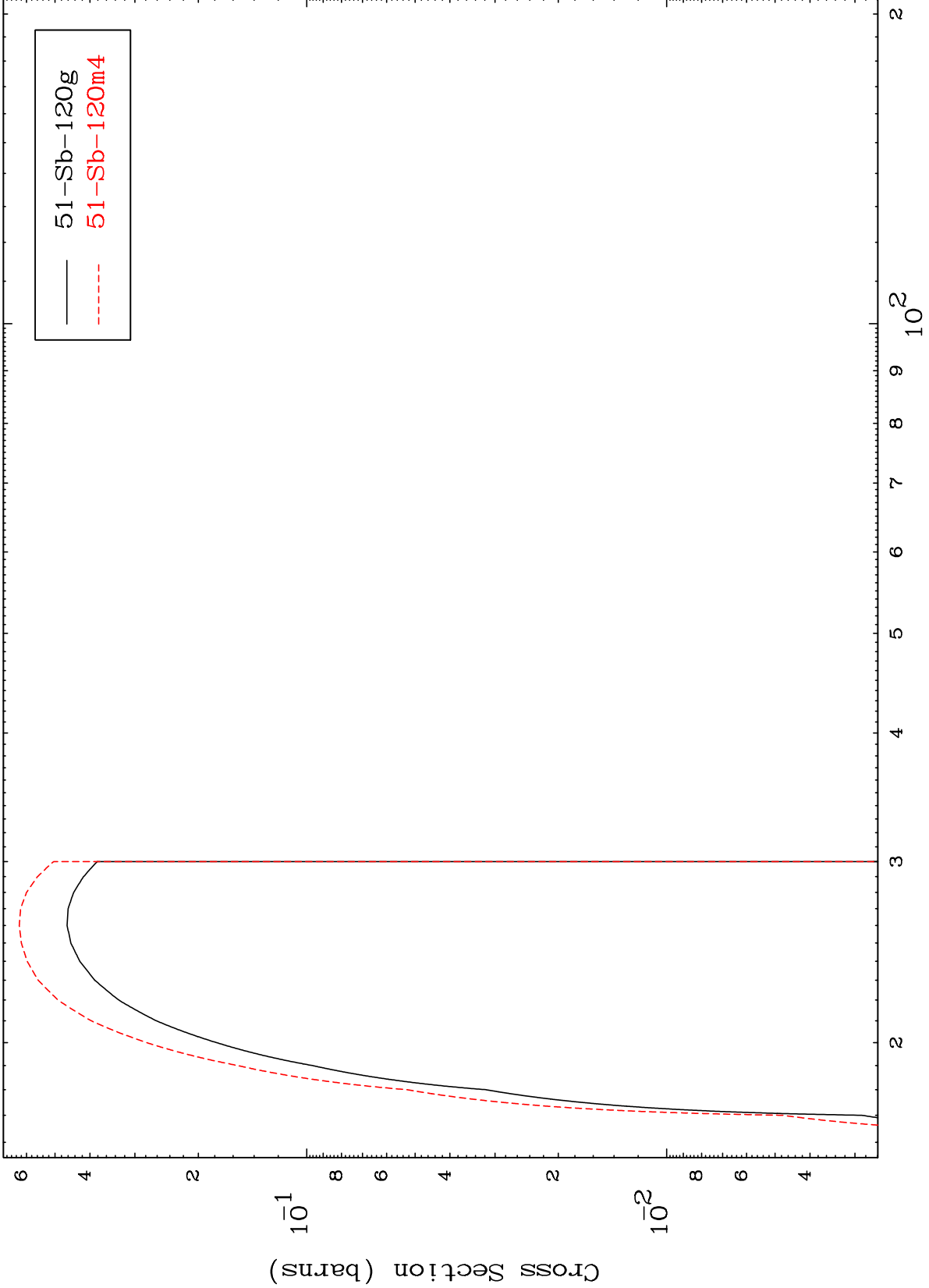
51-Sb-122m

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(n,3n)

51-Sb-122m

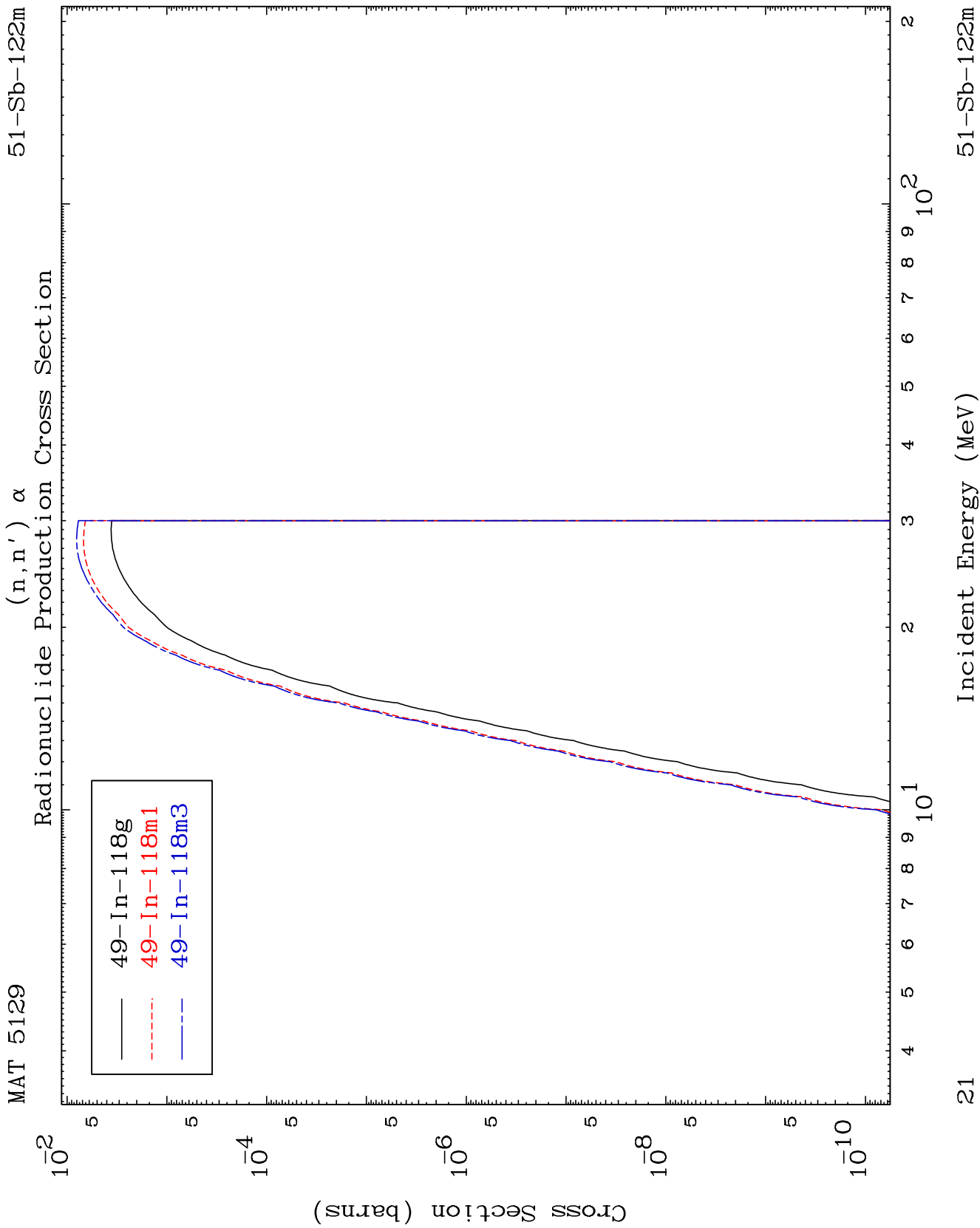
Radionuclide Production Cross Section



20

Incident Energy (MeV)

51-Sb-122m

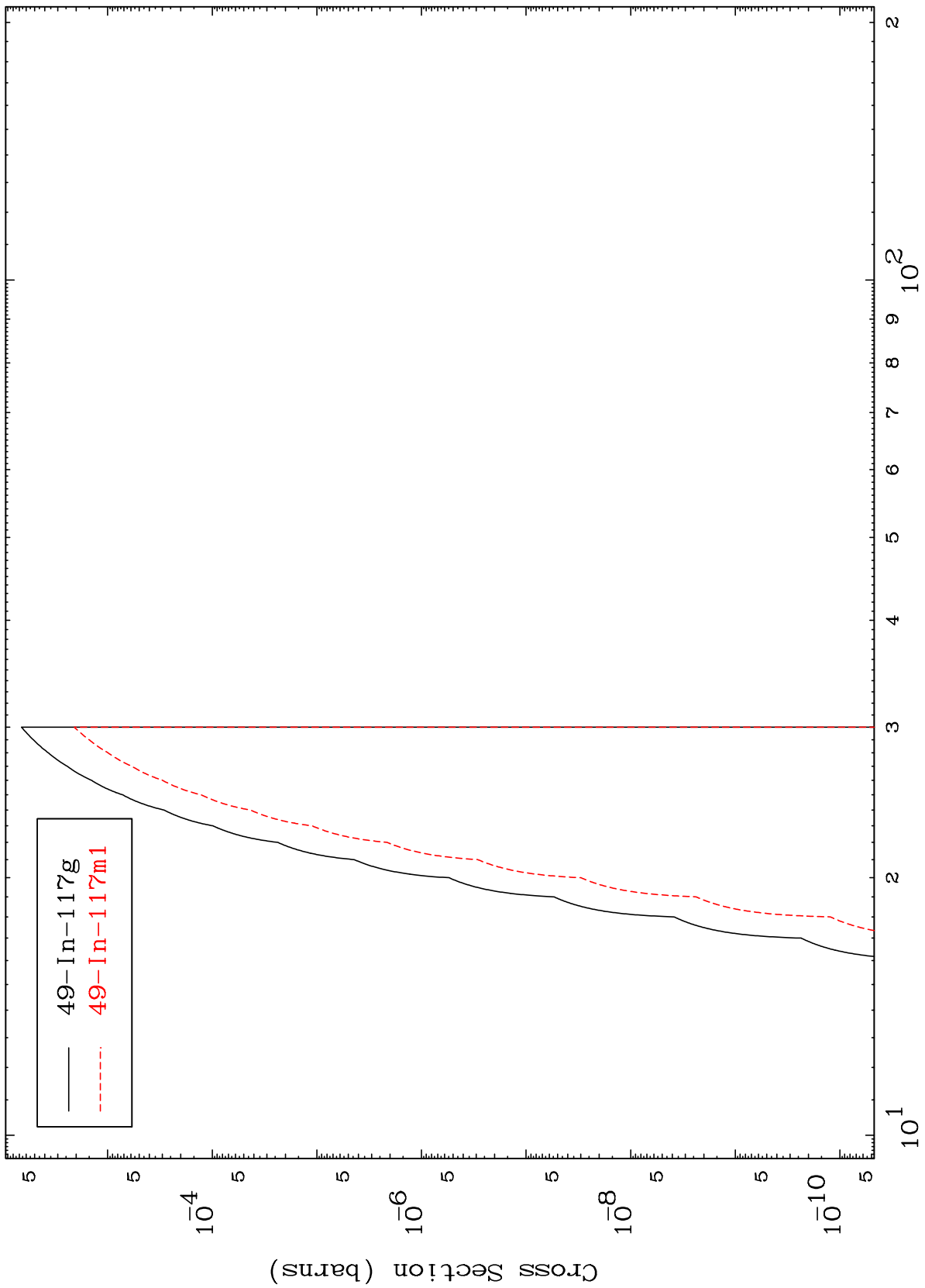


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(n,2n) α

51-Sb-122m

Radionuclide Production Cross Section



49-In-117g
49-In-117m1

22

Incident Energy (MeV)

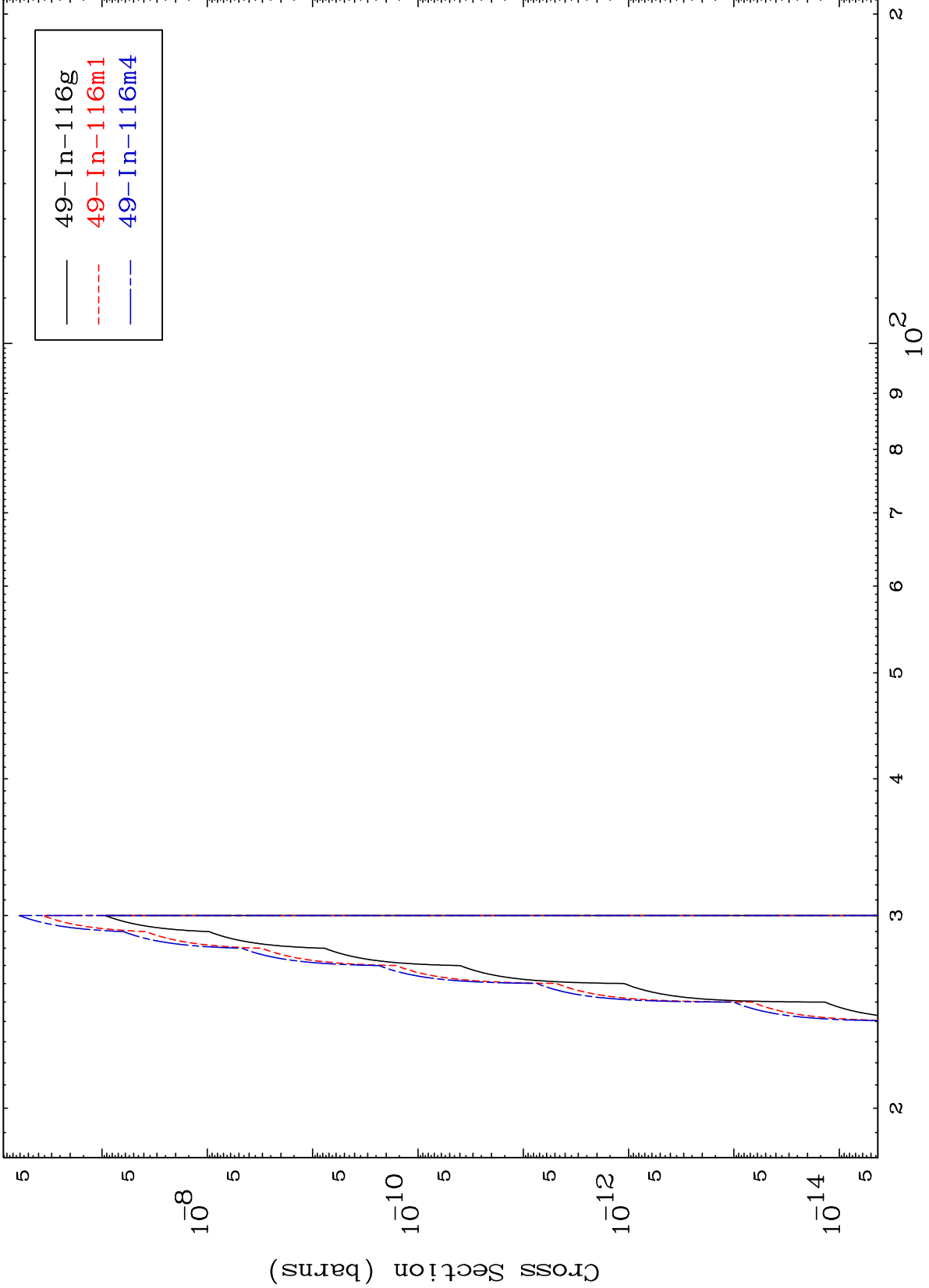
51-Sb-122m

MAT 5129

(n,3n) α

51-Sb-122m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

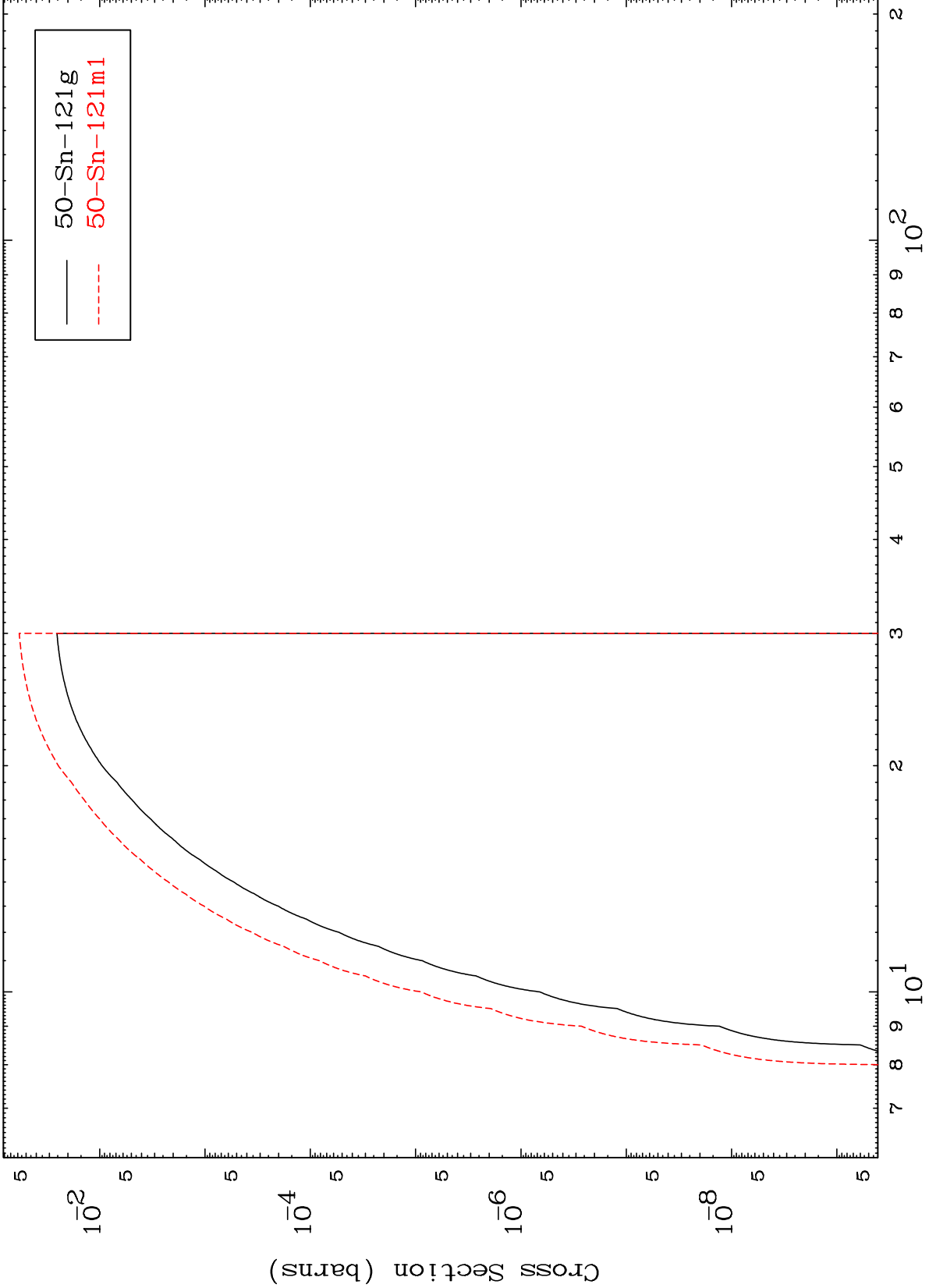
51-Sb-122m

MAT 5129

(n,n') p

51-Sb-122m

Radionuclide Production Cross Section



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

24

Incident Energy (MeV)

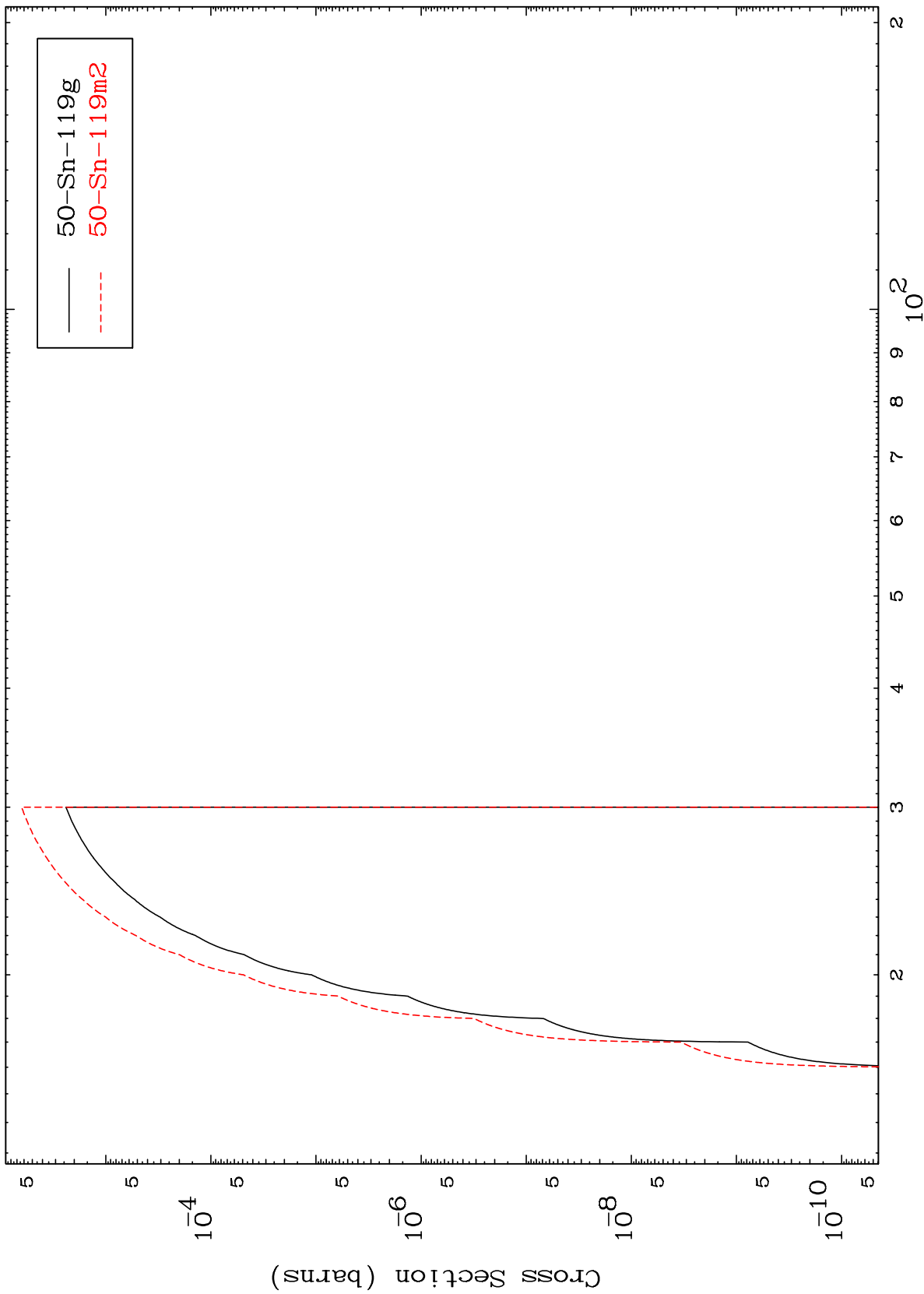
51-Sb-122m

MAT 5129

(n,n') t

51-Sb-122m

Radionuclide Production Cross Section

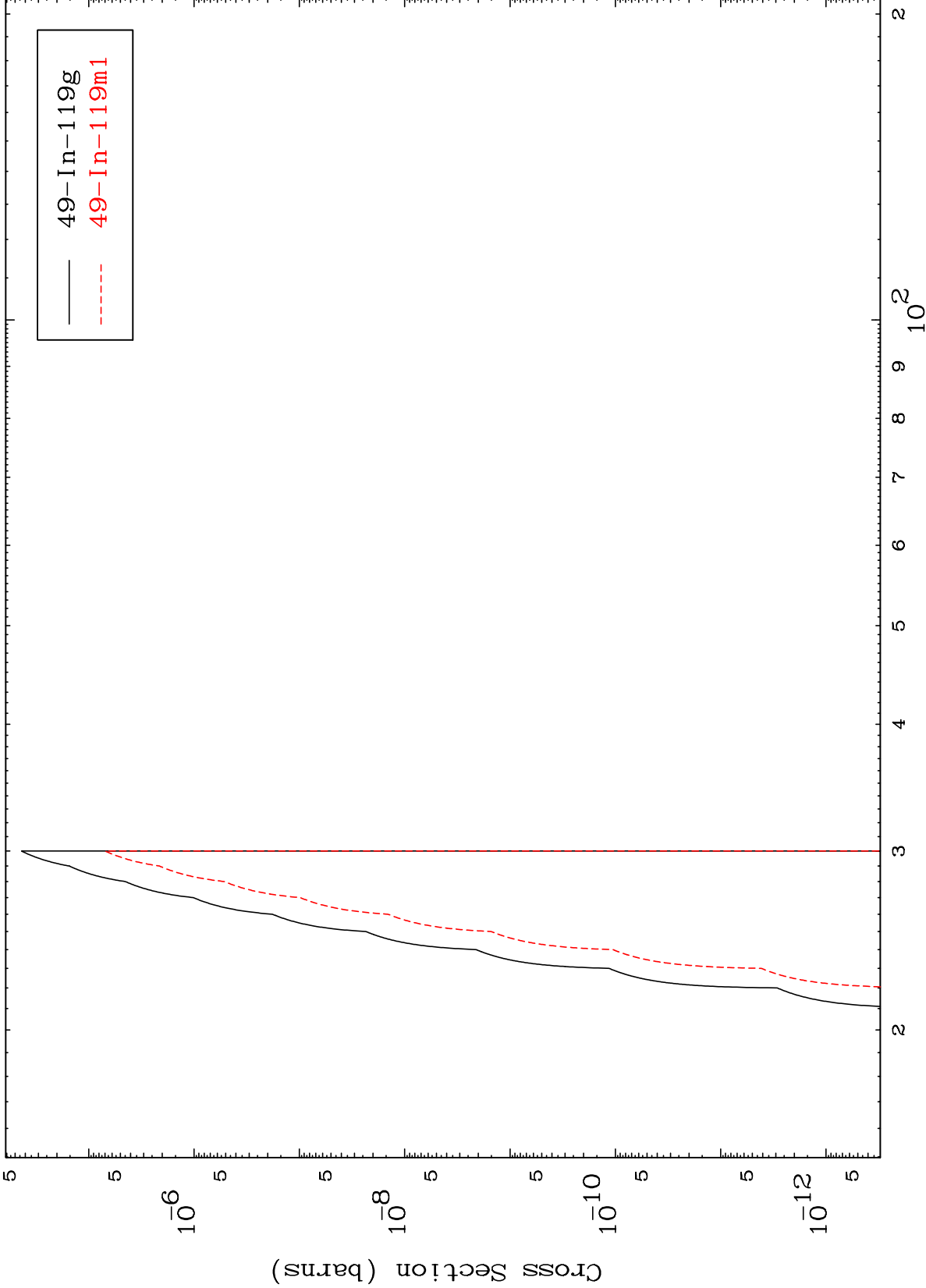


25

Incident Energy (MeV)

51-Sb-122m

Radionuclide Production Cross Section

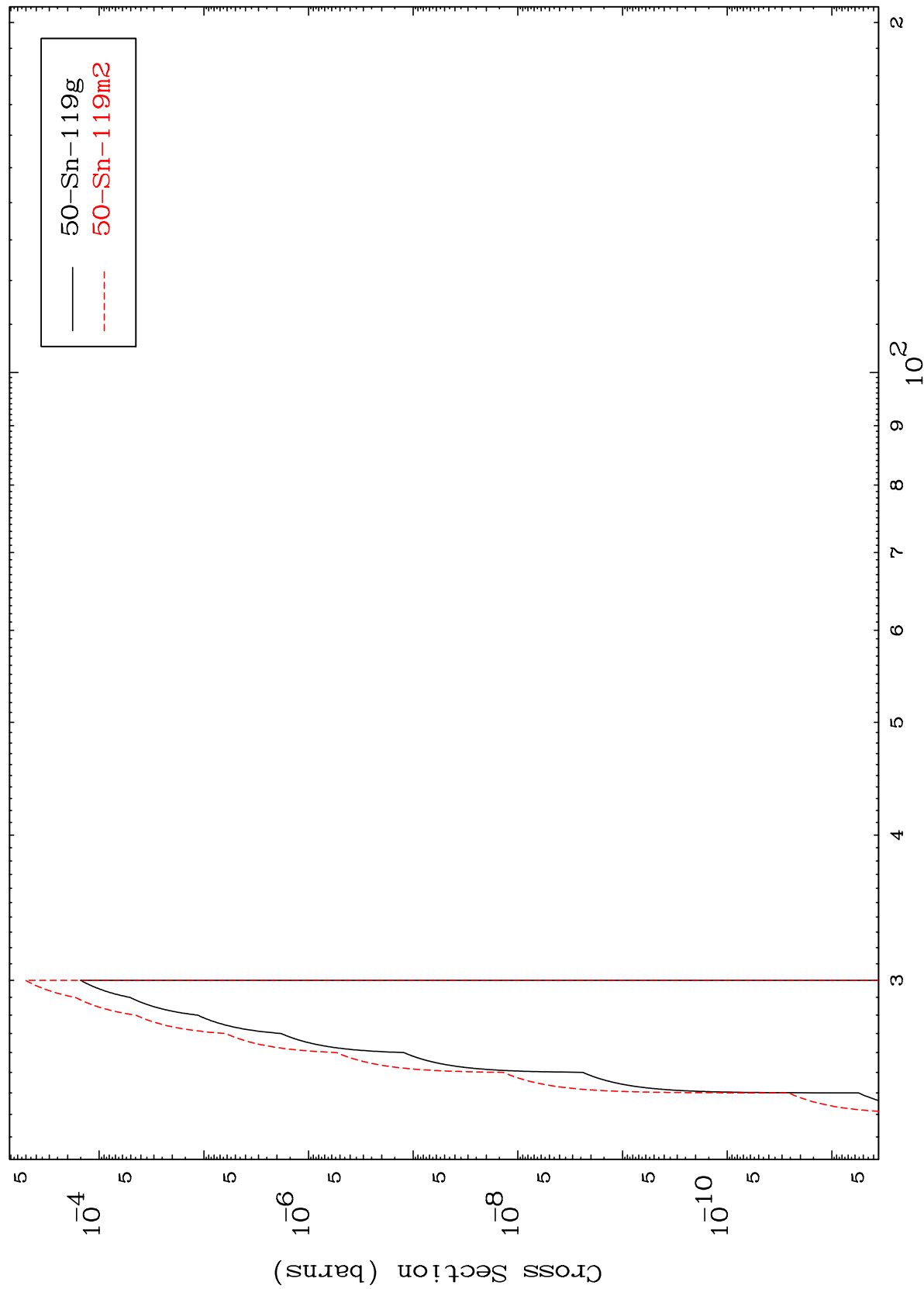


MAT 5129

(n,3n) p

51-Sb-122m

Radionuclide Production Cross Section



27

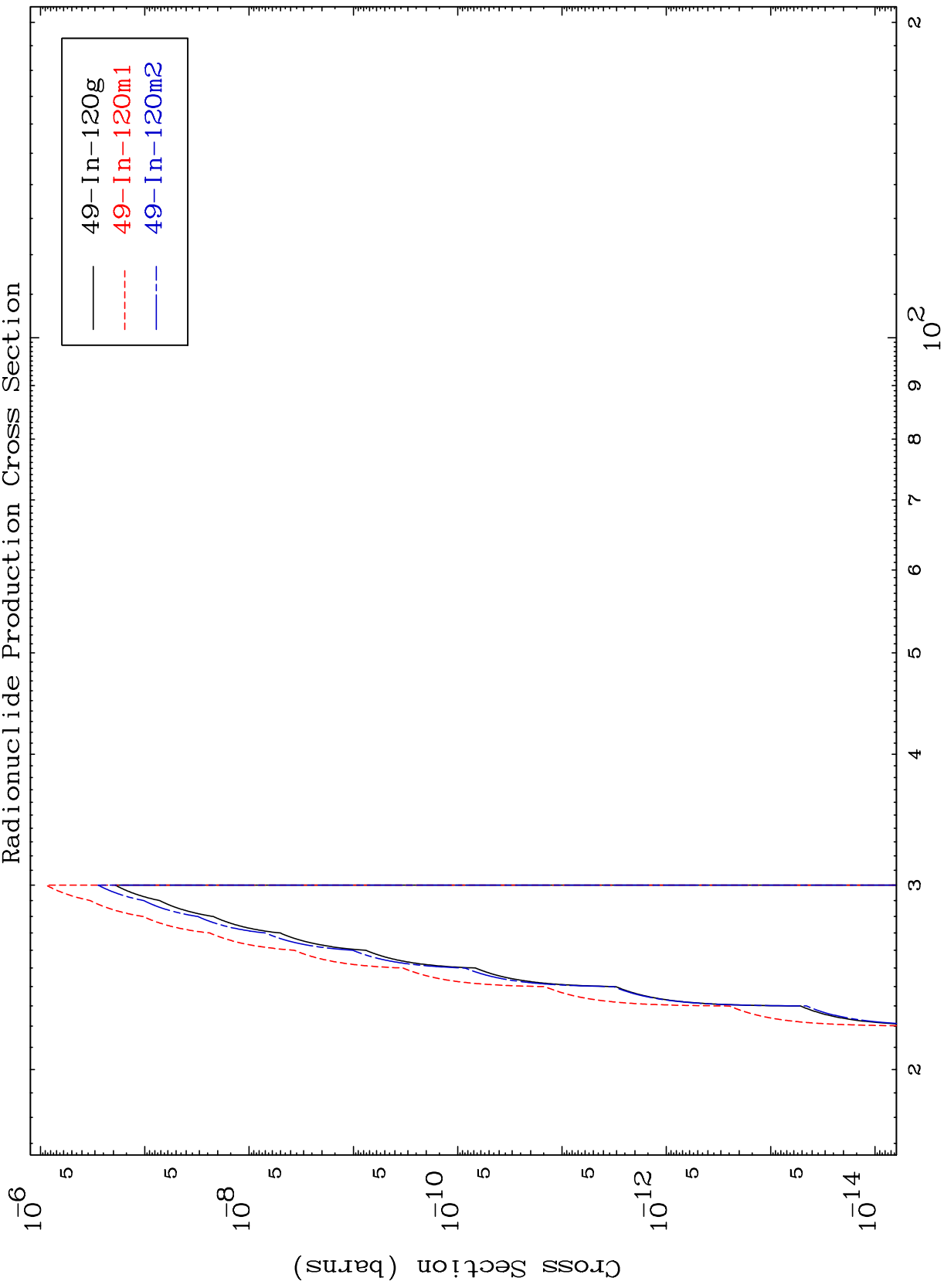
Incident Energy (MeV)

51-Sb-122m

MAT 5129

51-Sb-122m

(n,2n) p
Radionuclide Production Cross Section

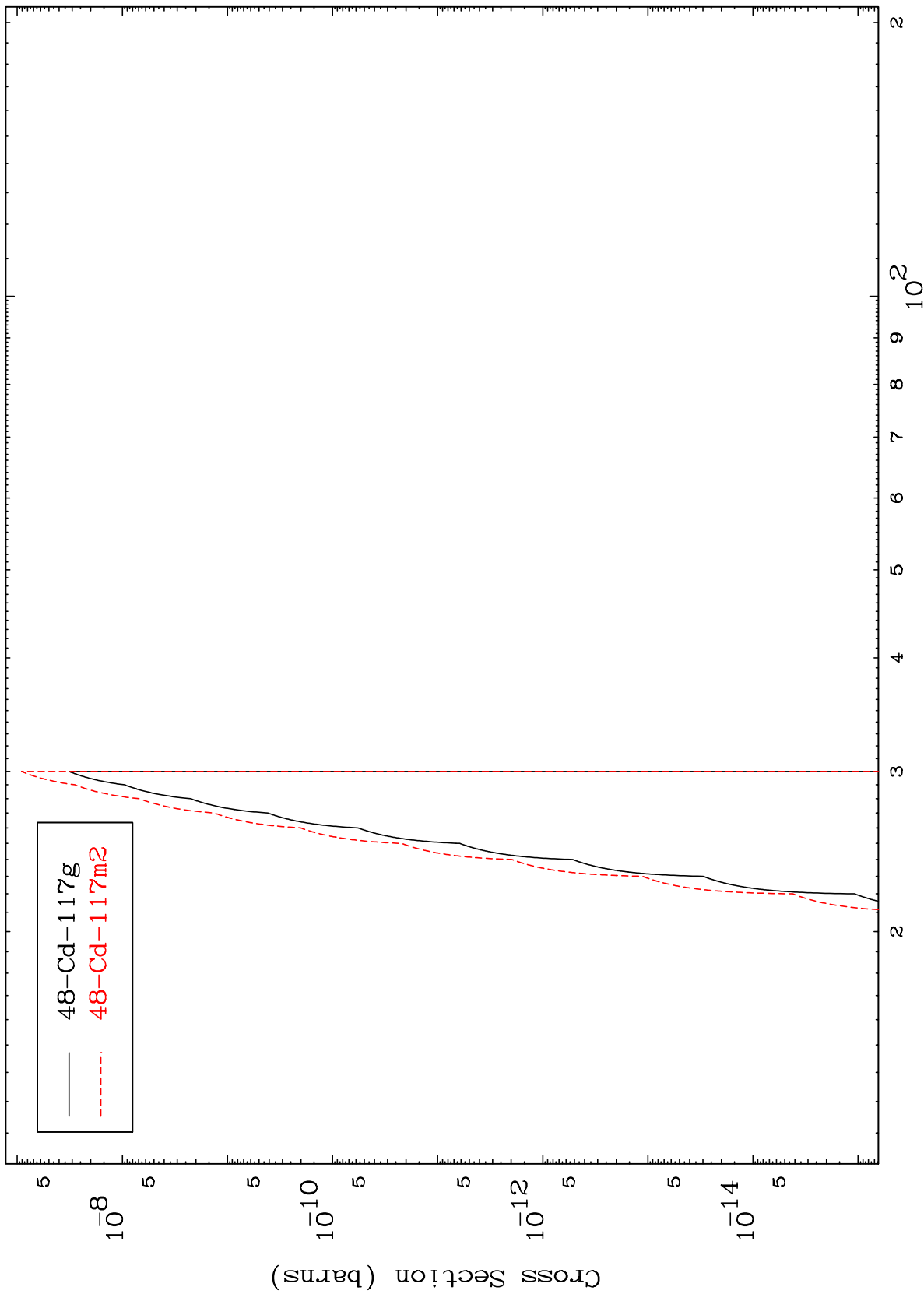


28

Incident Energy (MeV)

51-Sb-122m

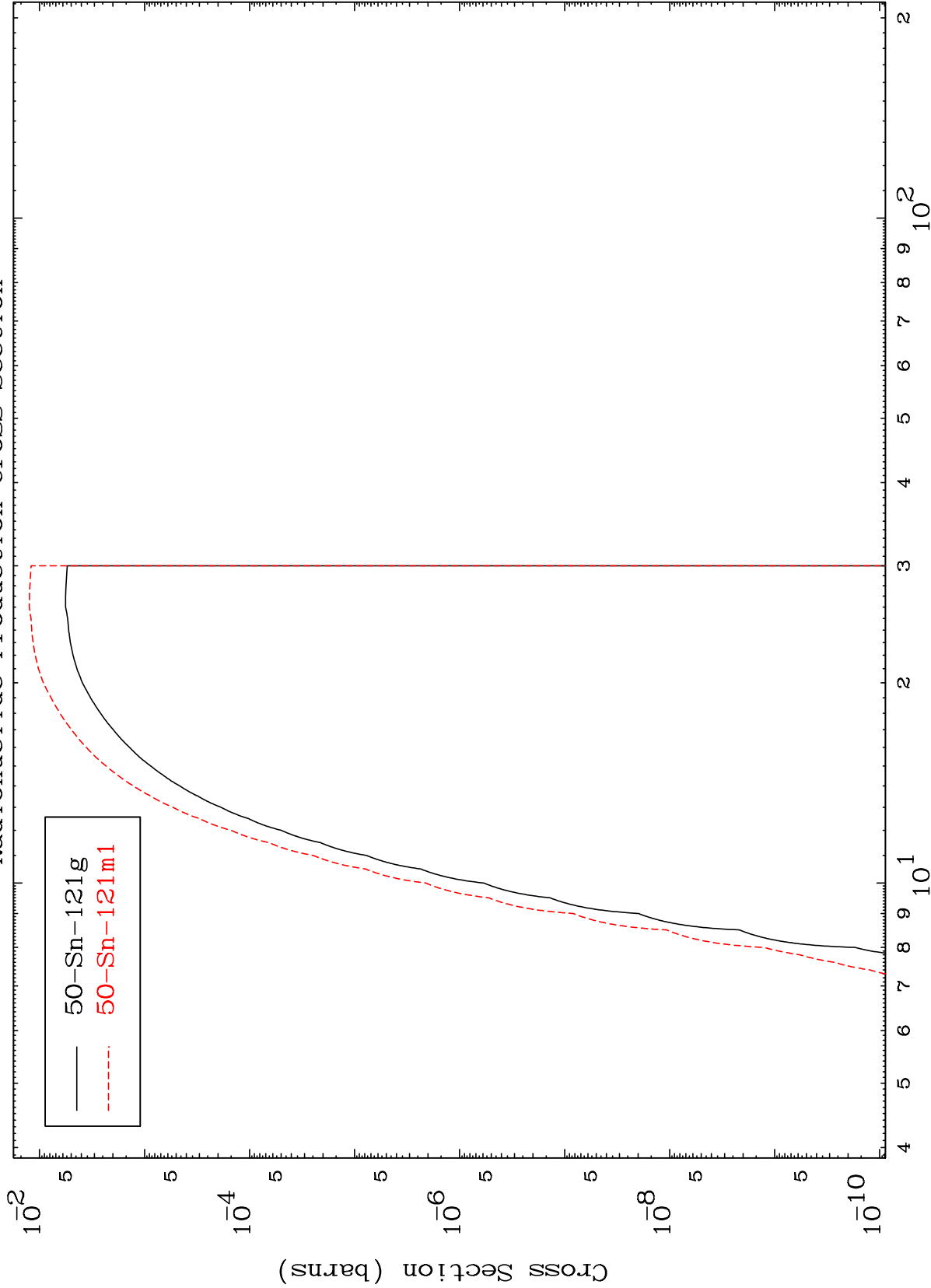
Radionuclide Production Cross Section



MAT 5129

51-Sb-122m

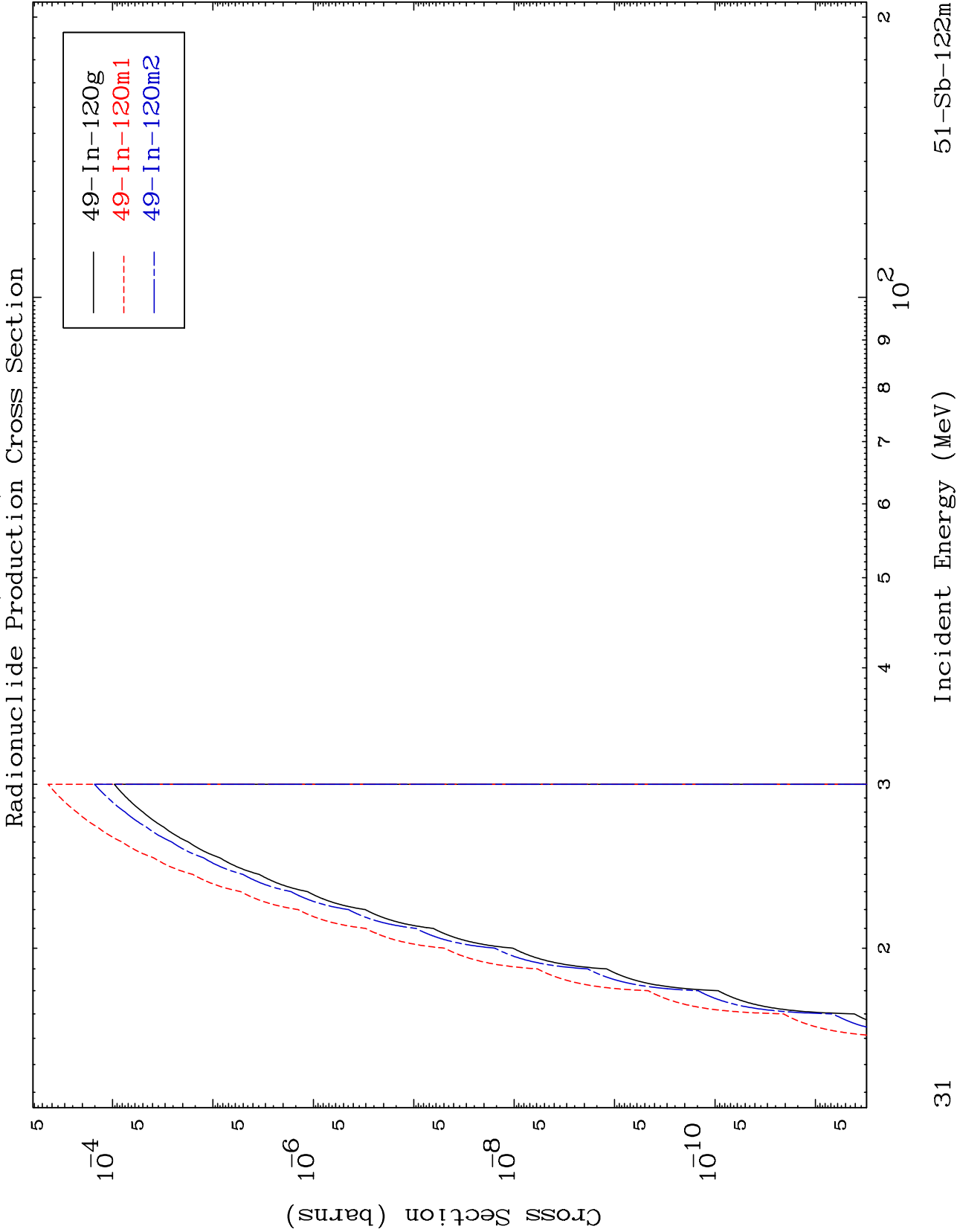
(n,d)
Radionuclide Production Cross Section



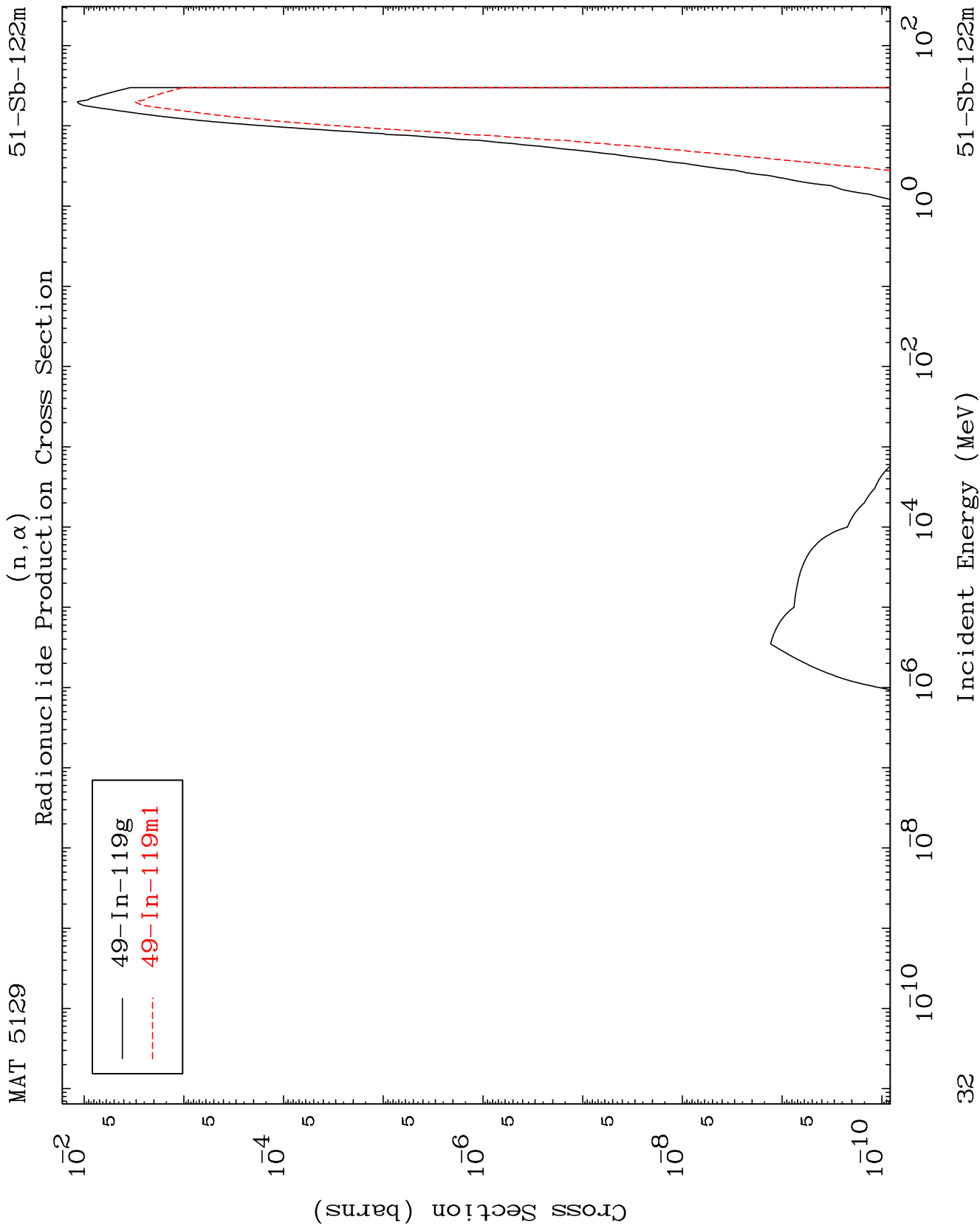
51-Sb-122m

Incident Energy (MeV)

30



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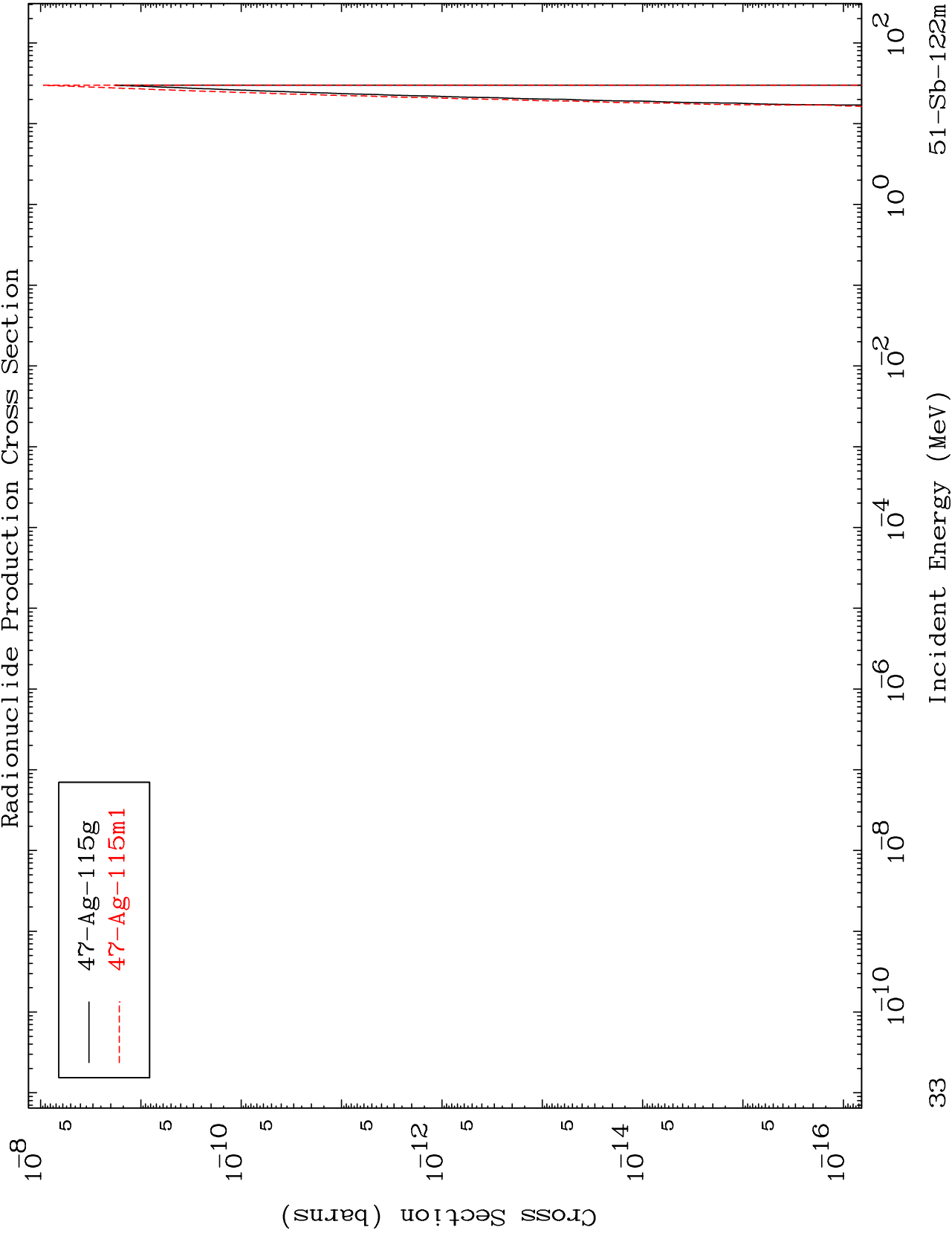


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(n,2α)

51-Sb-122m

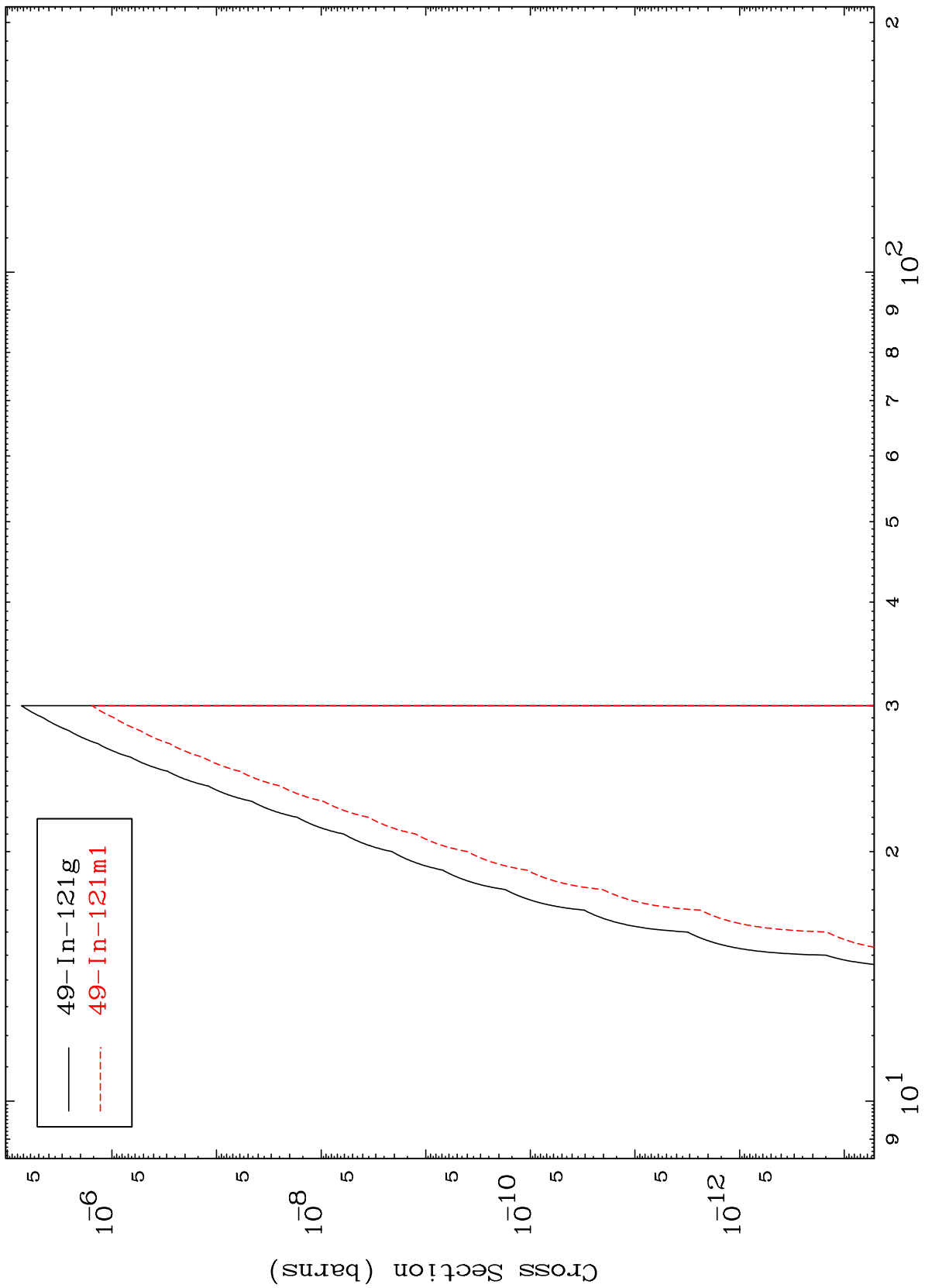
Radionuclide Production Cross Section



MAT 5129

51-Sb-122m

(n,2p)
Radionuclide Production Cross Section



— 49-In-121g
- - - 49-In-121m1

51-Sb-122m

Incident Energy (MeV)

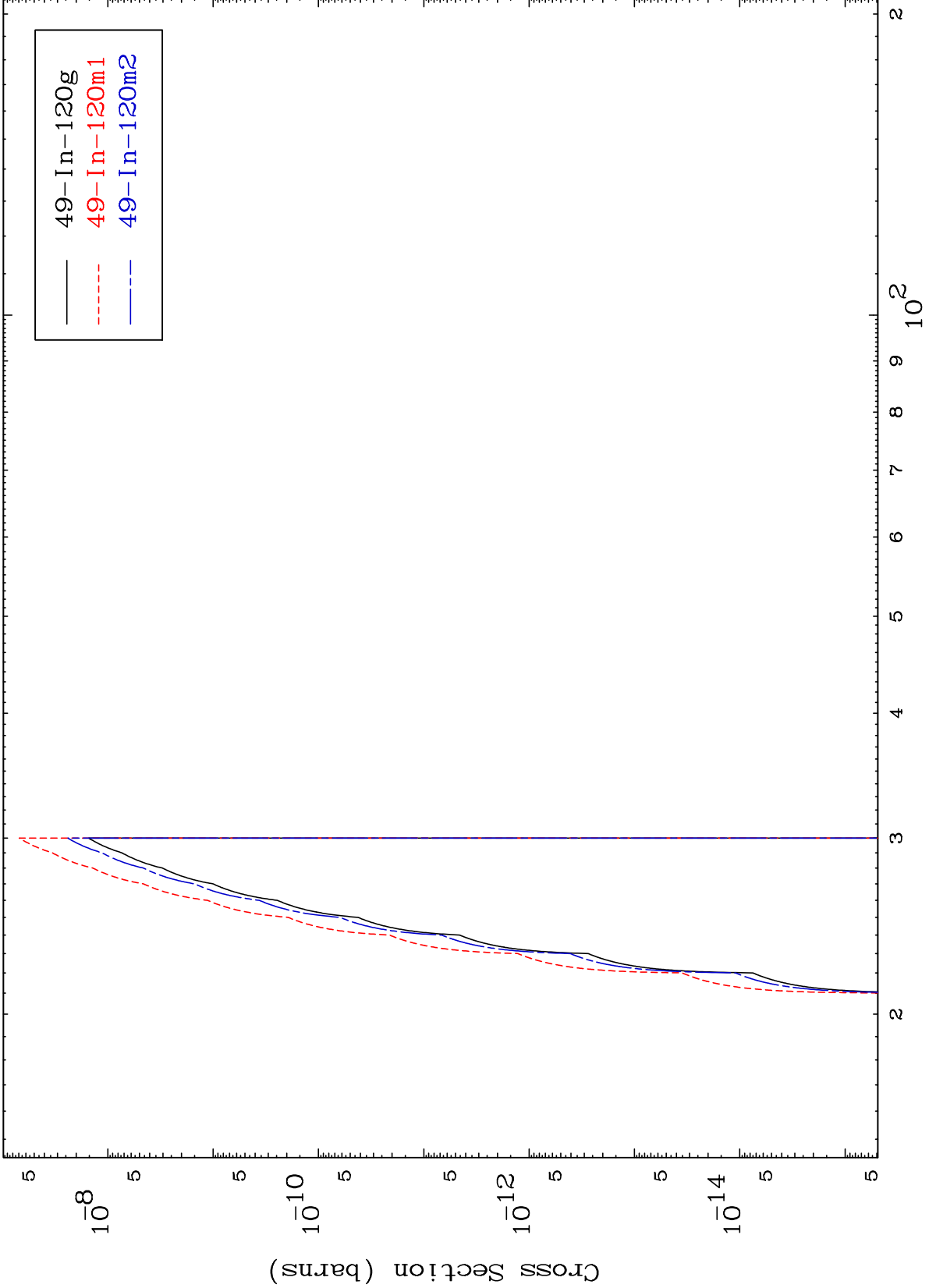
34

MAT 5129

(n,p) d

51-Sb-122m

Radionuclide Production Cross Section



35

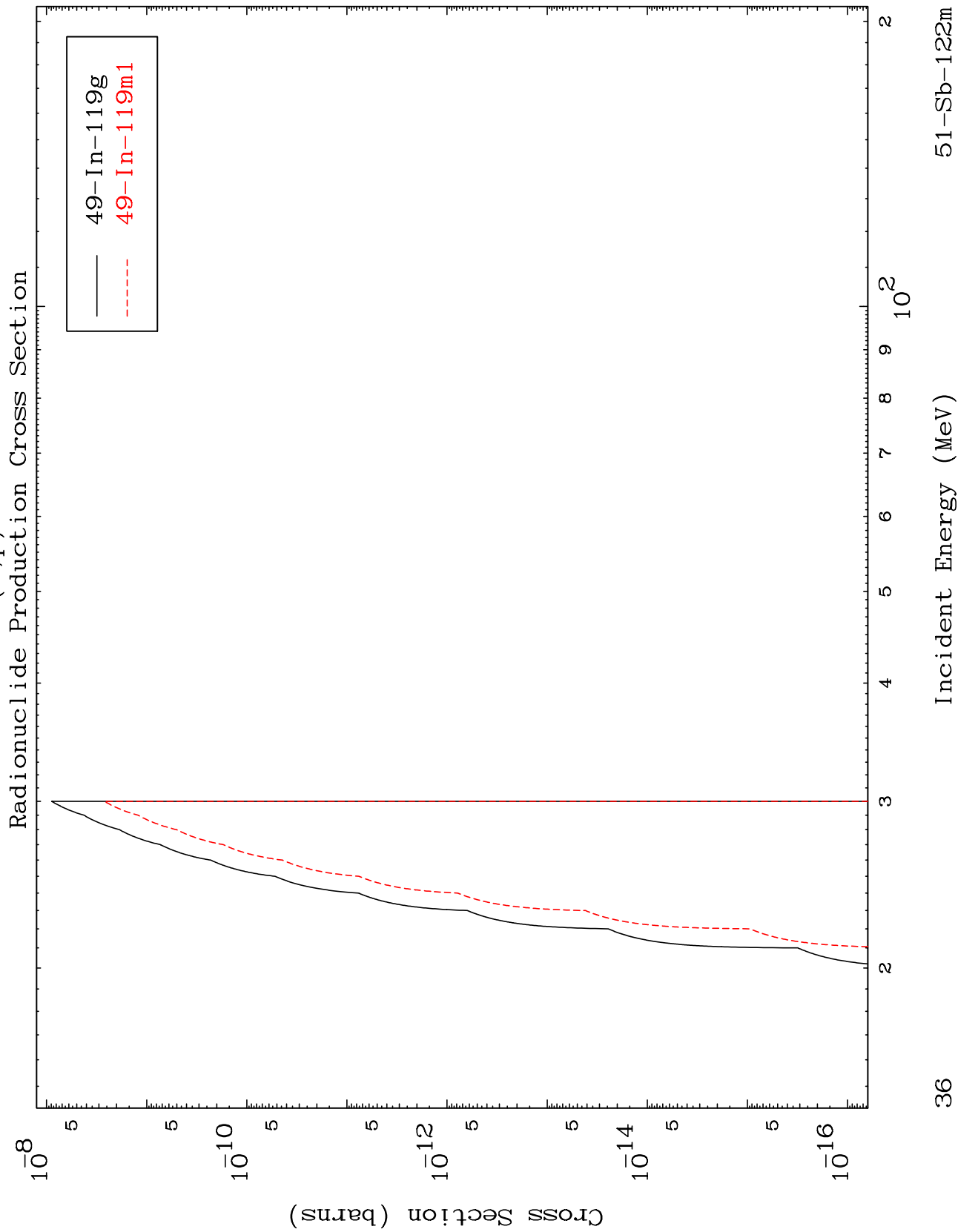
Incident Energy (MeV)

51-Sb-122m

MAT 5129

(n,p) t

51-Sb-122m



36

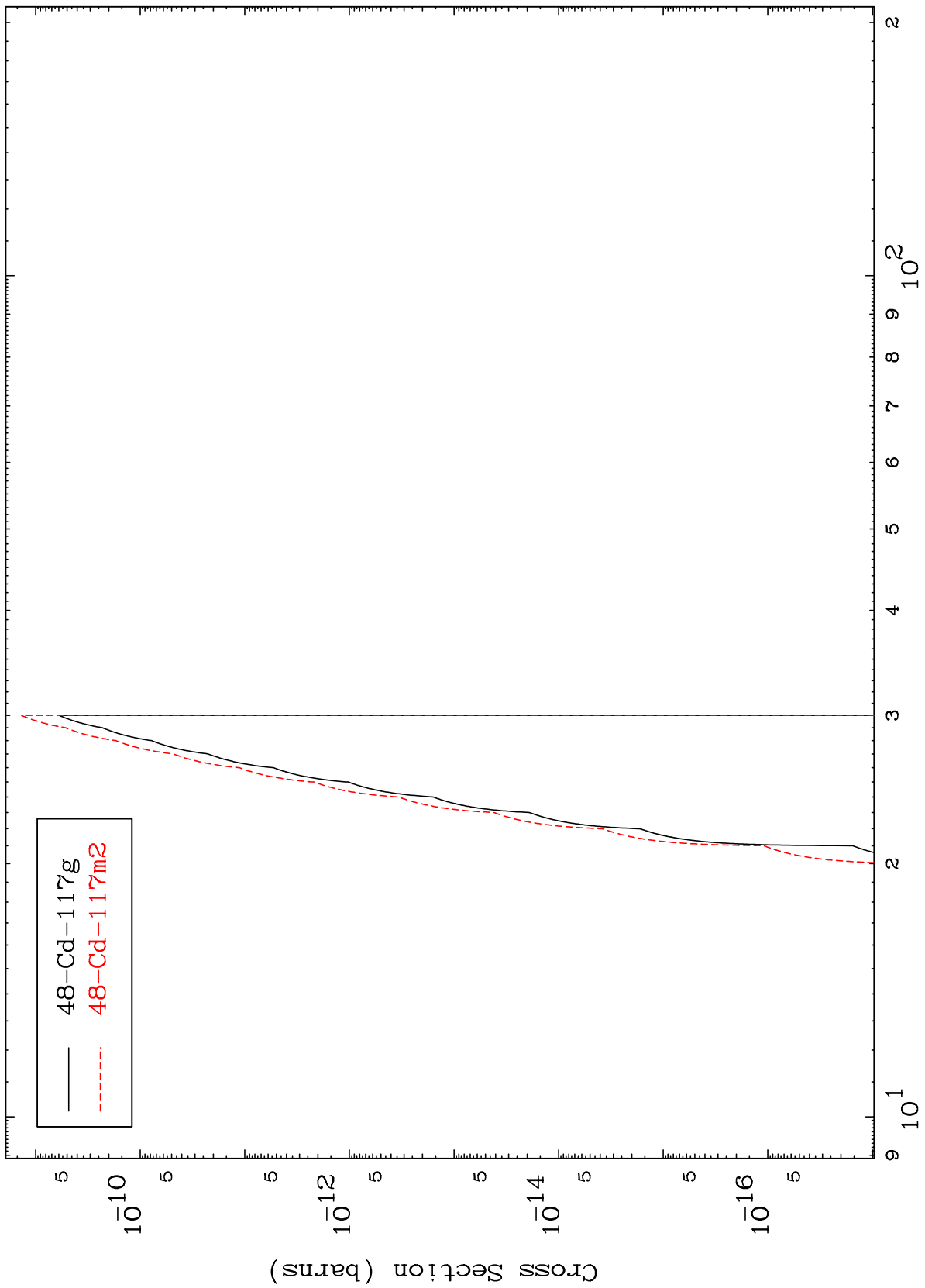
51-Sb-122m

MAT 5129

(n,d) α

51-Sb-122m

Radionuclide Production Cross Section



— 48-Cd-117g
- - - 48-Cd-117m2

Incident Energy (MeV)

51-Sb-122m

37