

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

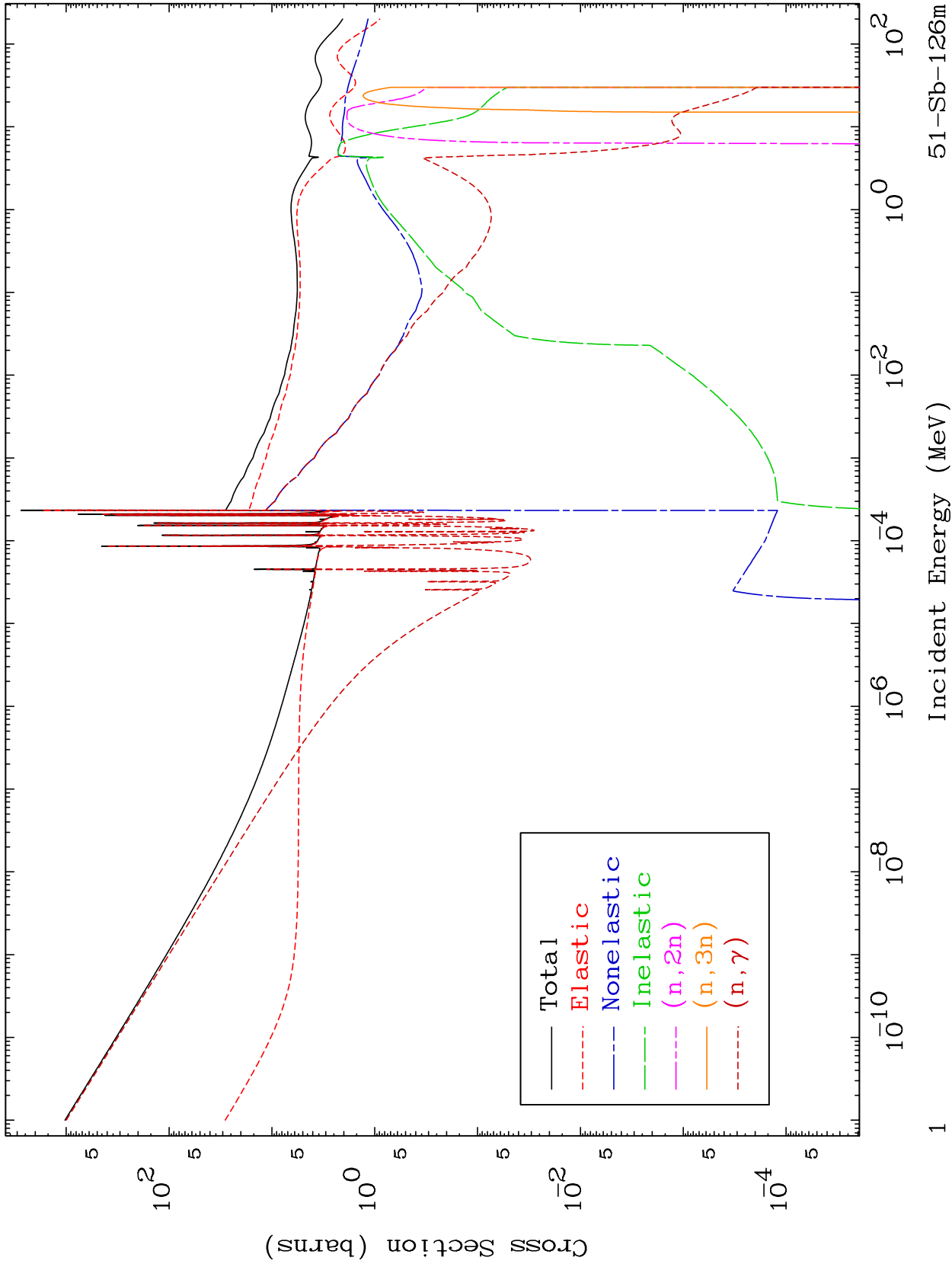
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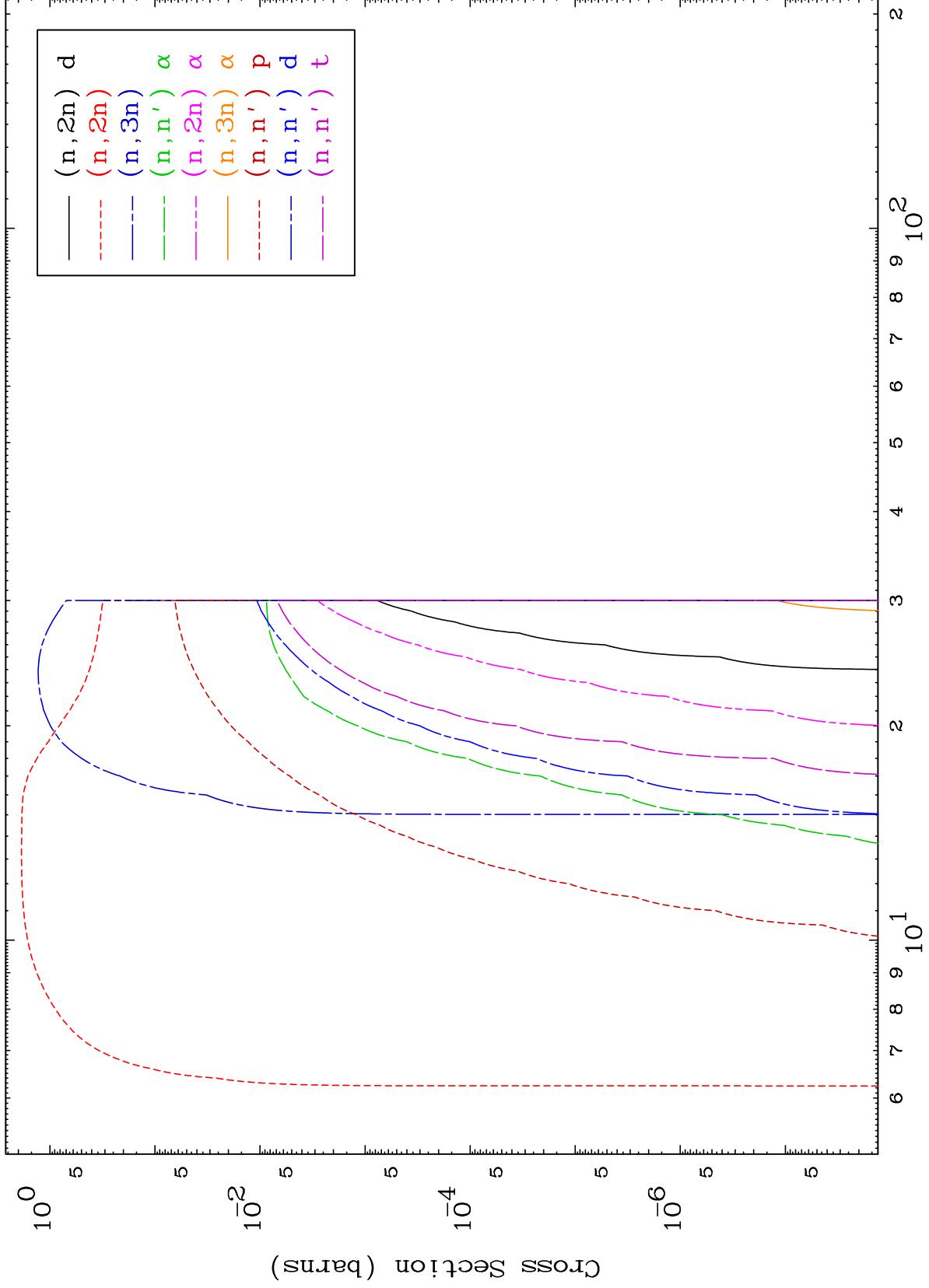
Press Mouse Button to Start

MAT 5141

Neutron Major
293 Kelvin Cross Sections

51-Sb-126m

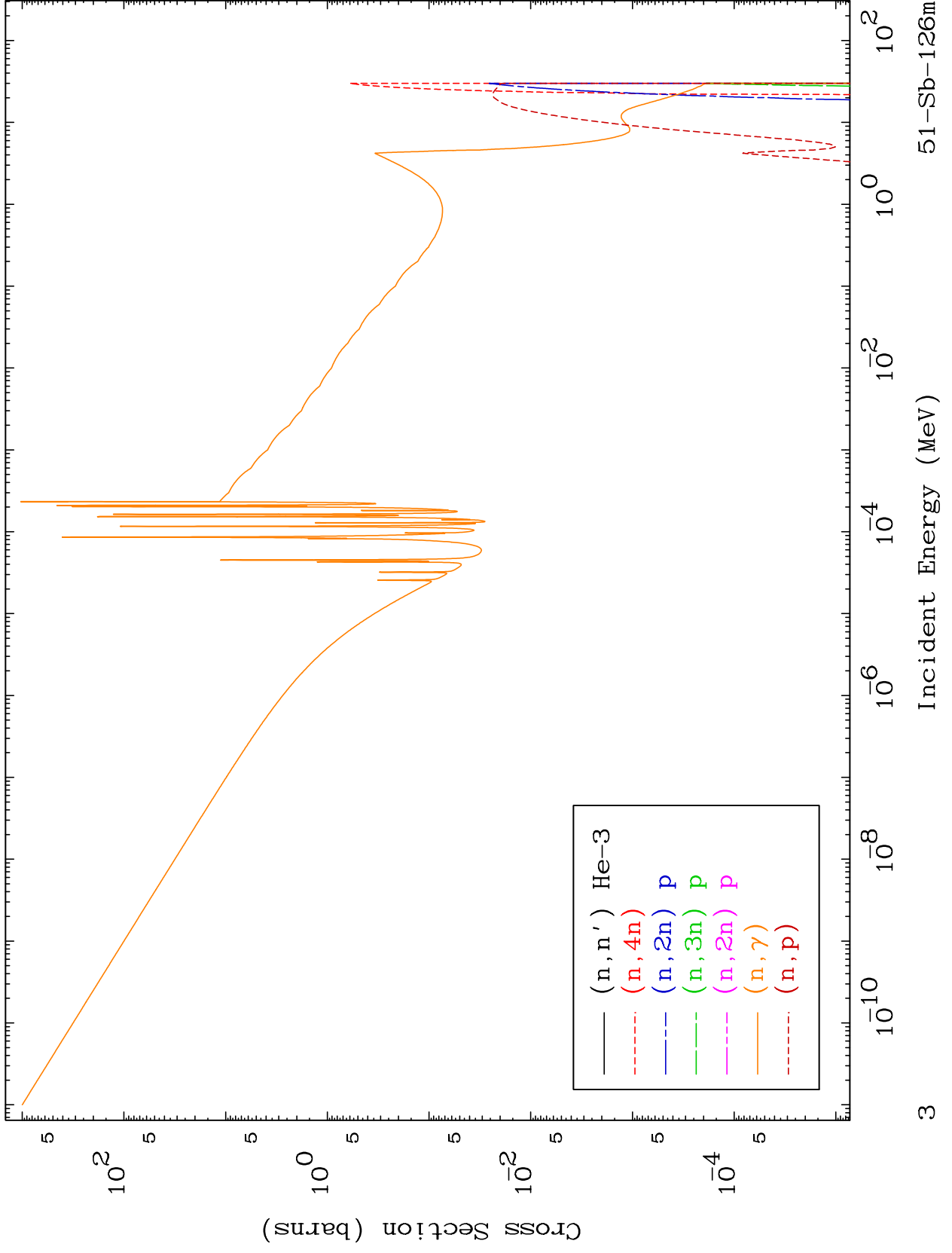




MAT 5141

Neutron Absorption
293 Kelvin Cross Sections

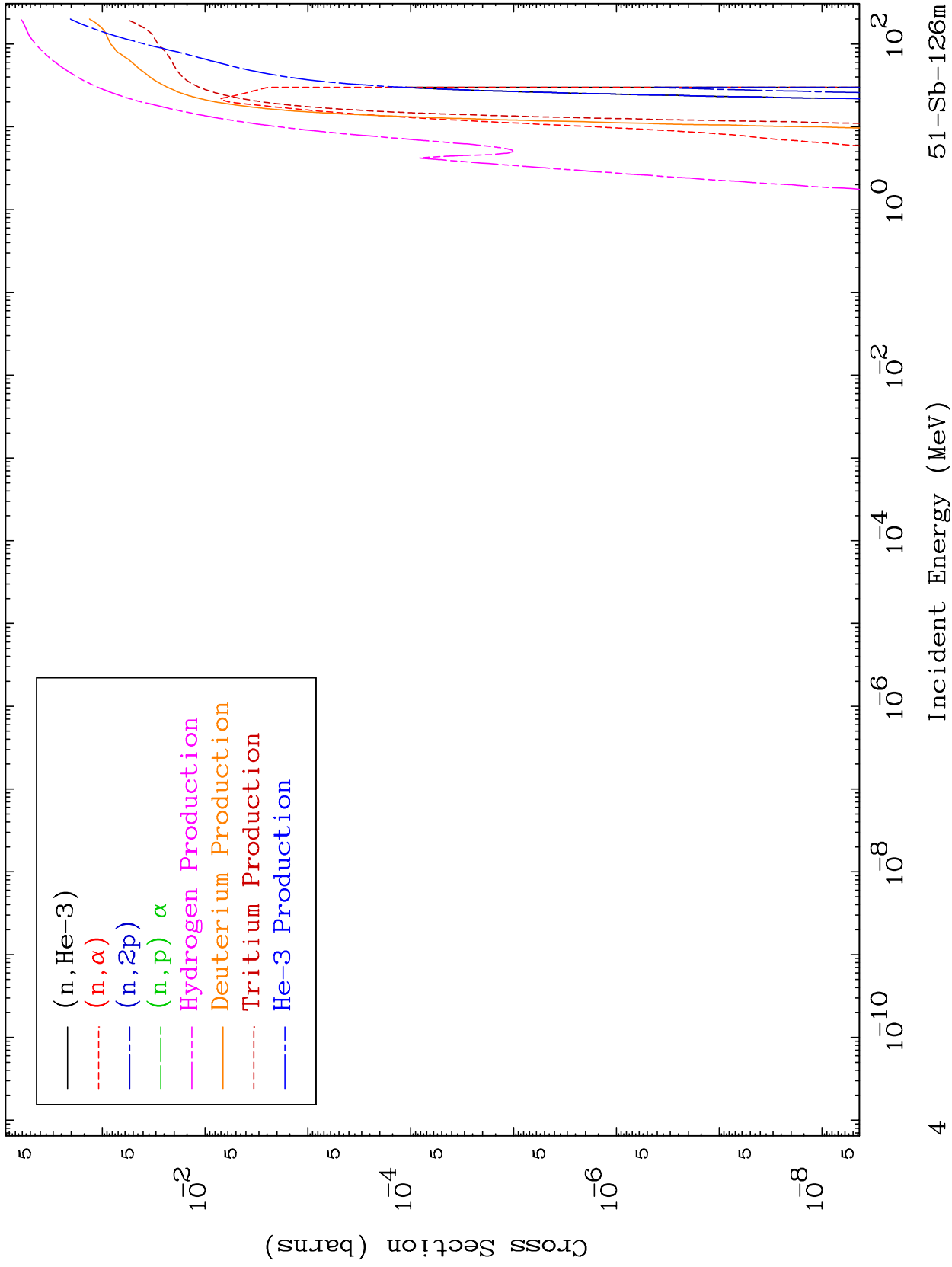
51-Sb-126m

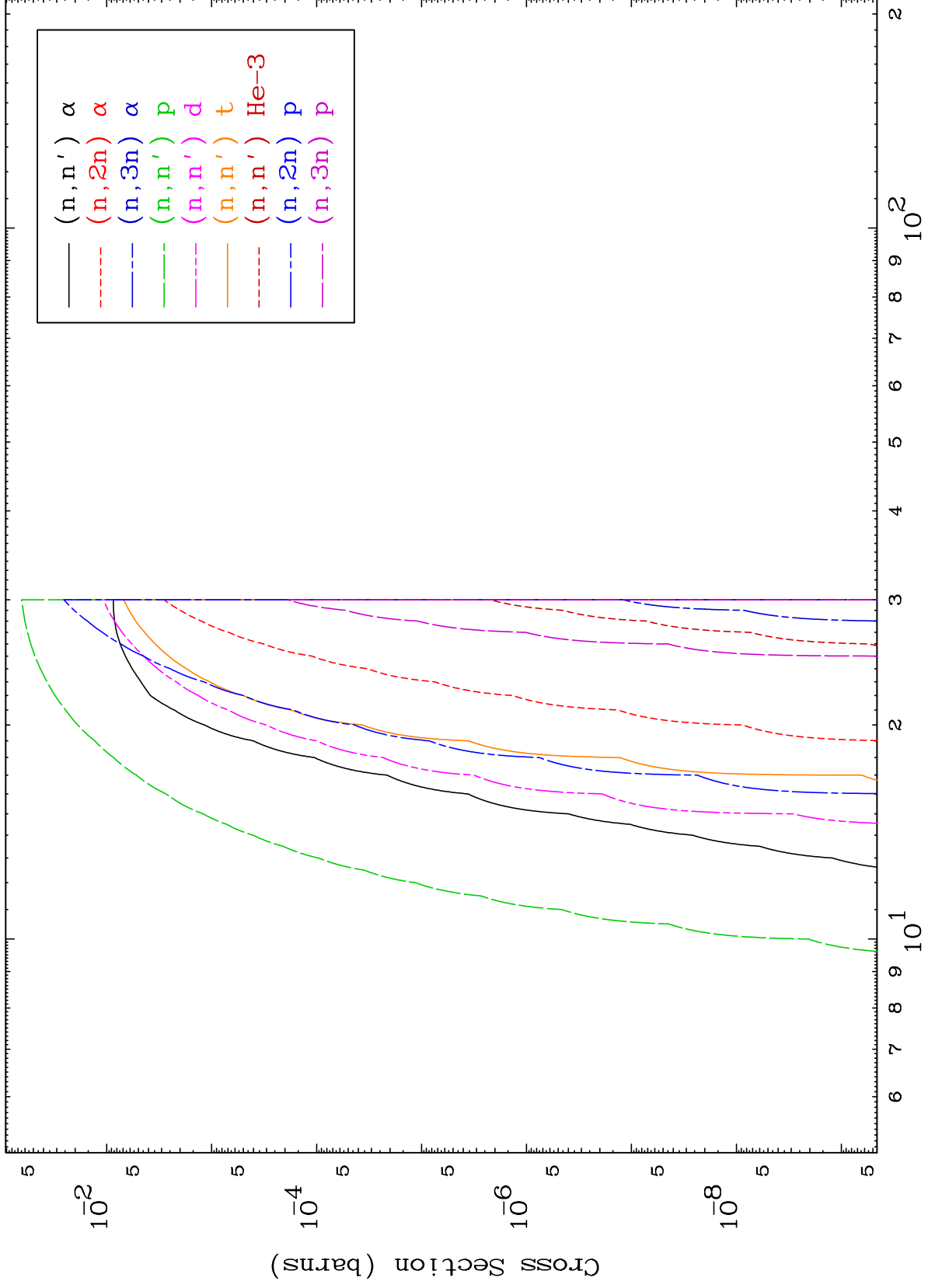


MAT 5141

Neutron Absorption
293 Kelvin Cross Sections

51-Sb-126m

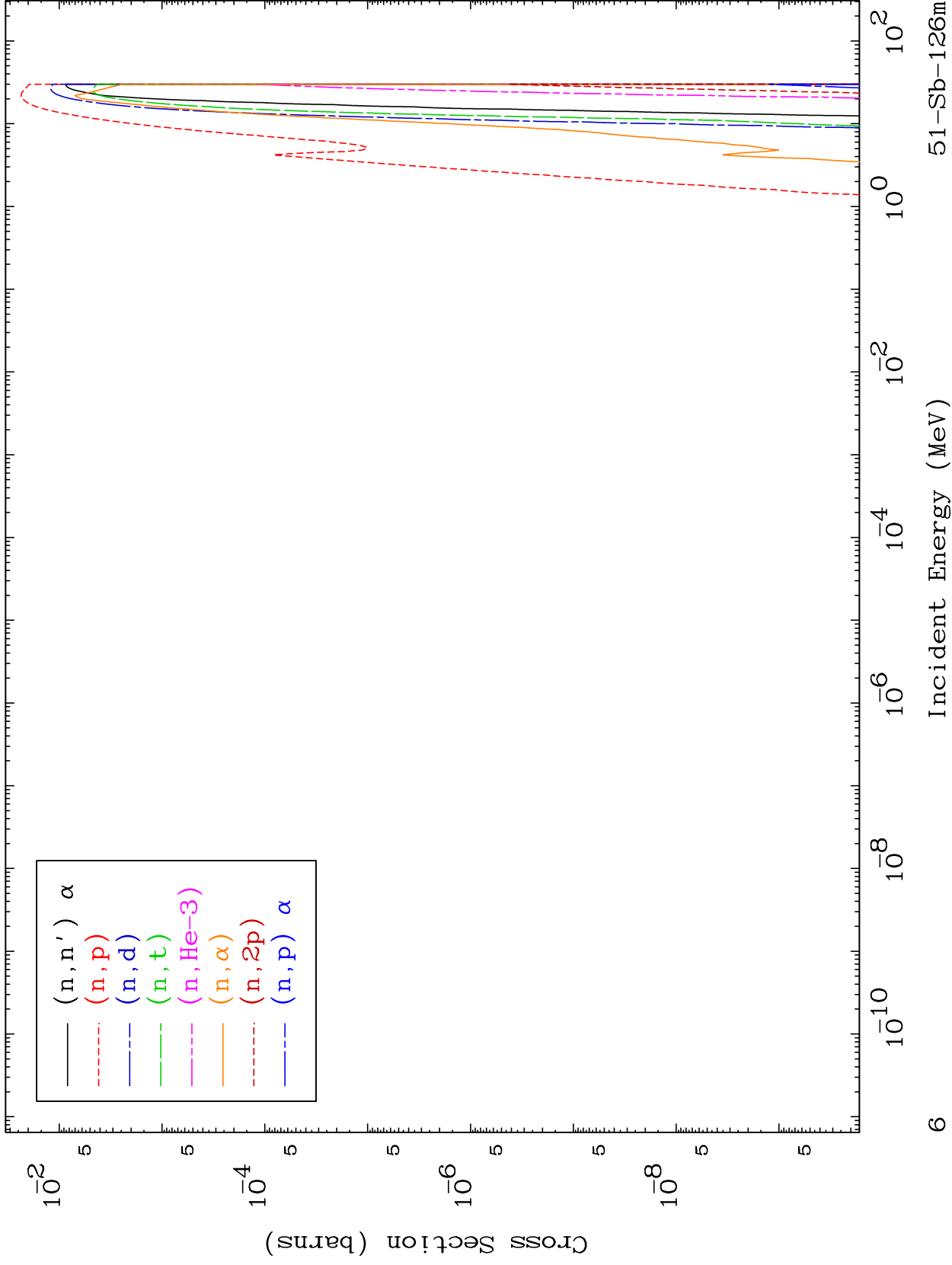




MAT 5141

Charged Particle
293 Kelvin Cross Sections

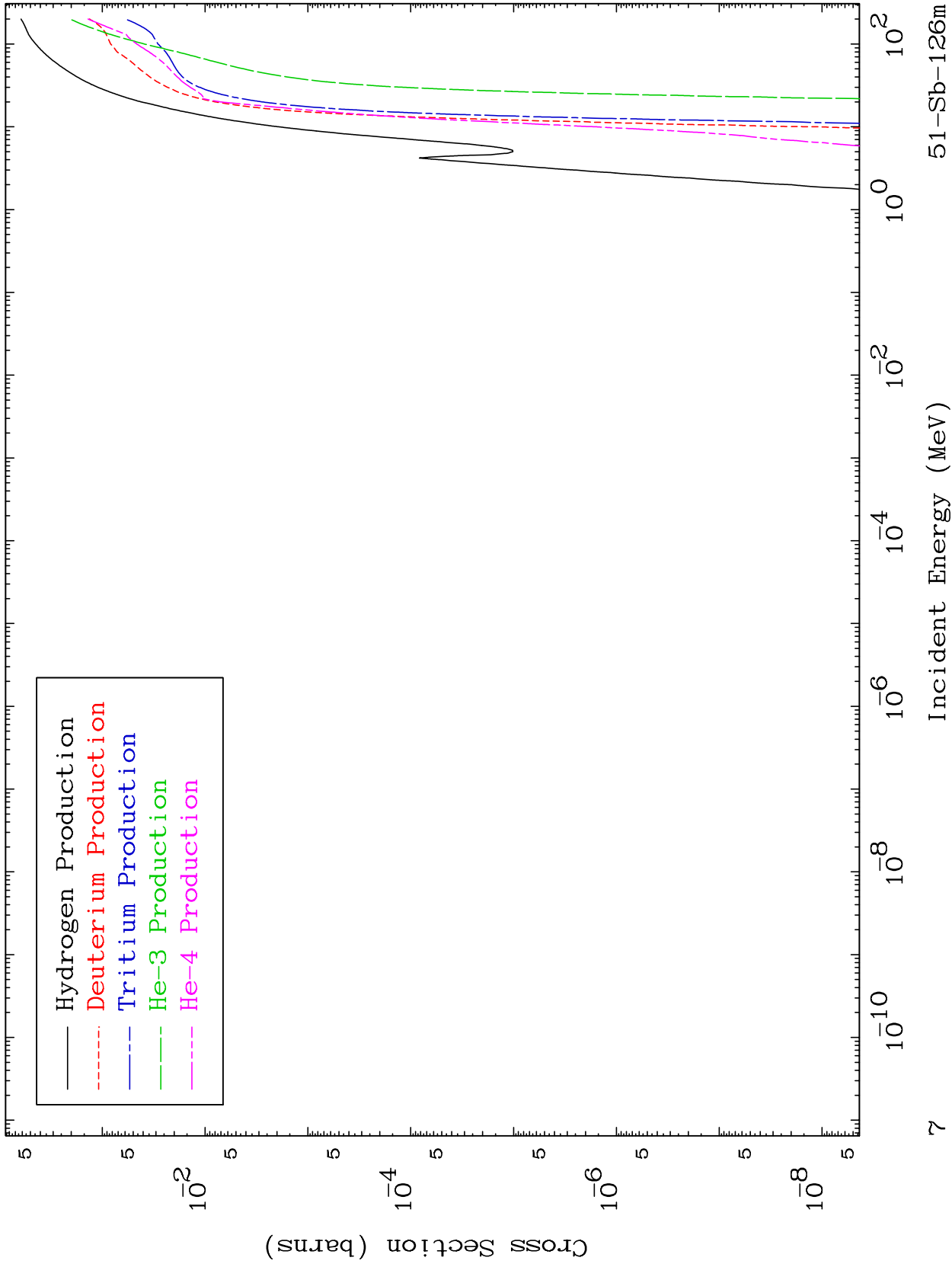
51-Sb-126m



MAT 5141

Particle Production
293 Kelvin Cross Sections

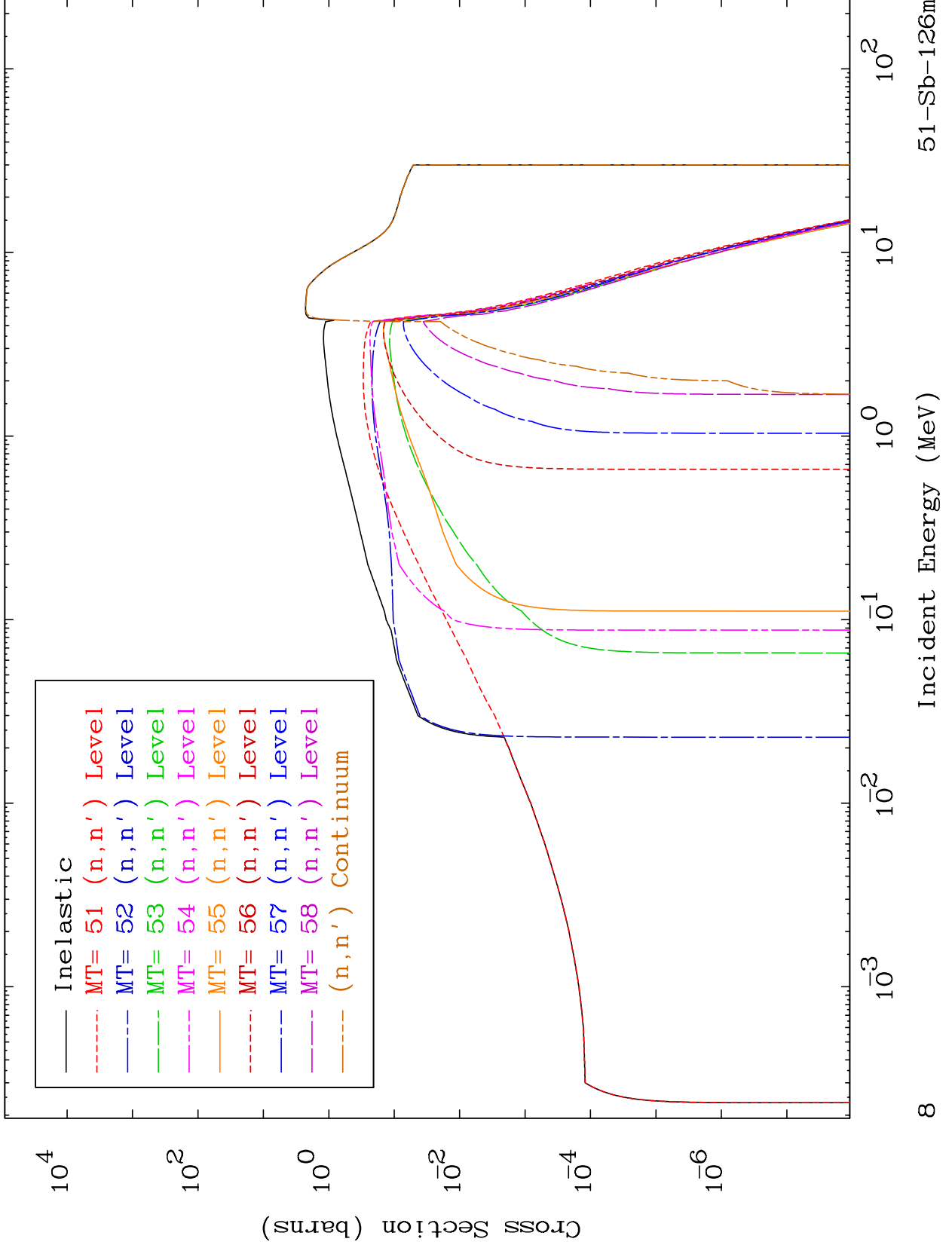
51-Sb-126m



MAT 5141

(n,n') Levels
293 Kelvin Cross Sections

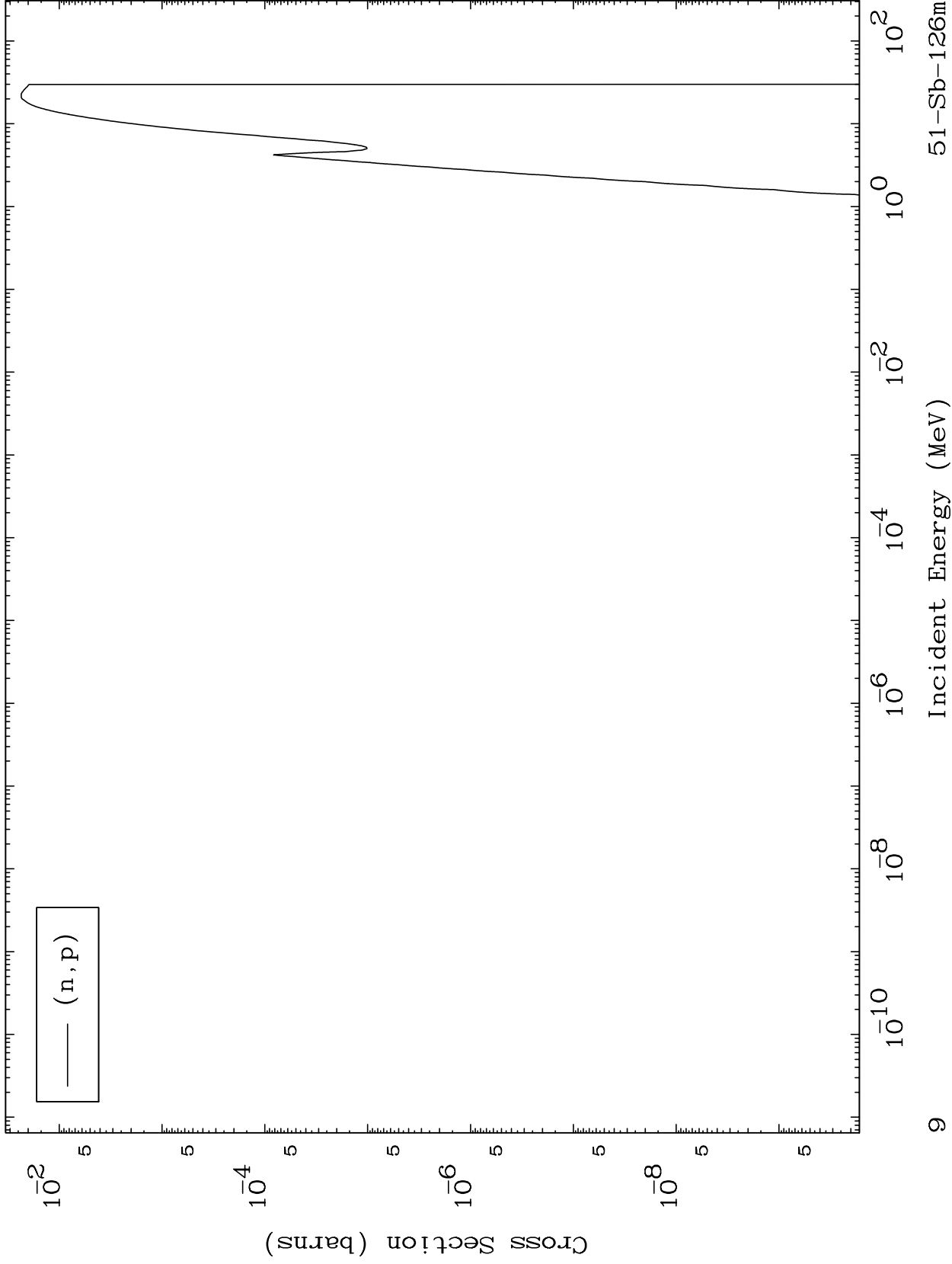
51-Sb-126m



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(n,p) Levels
293 Kelvin Cross Sections

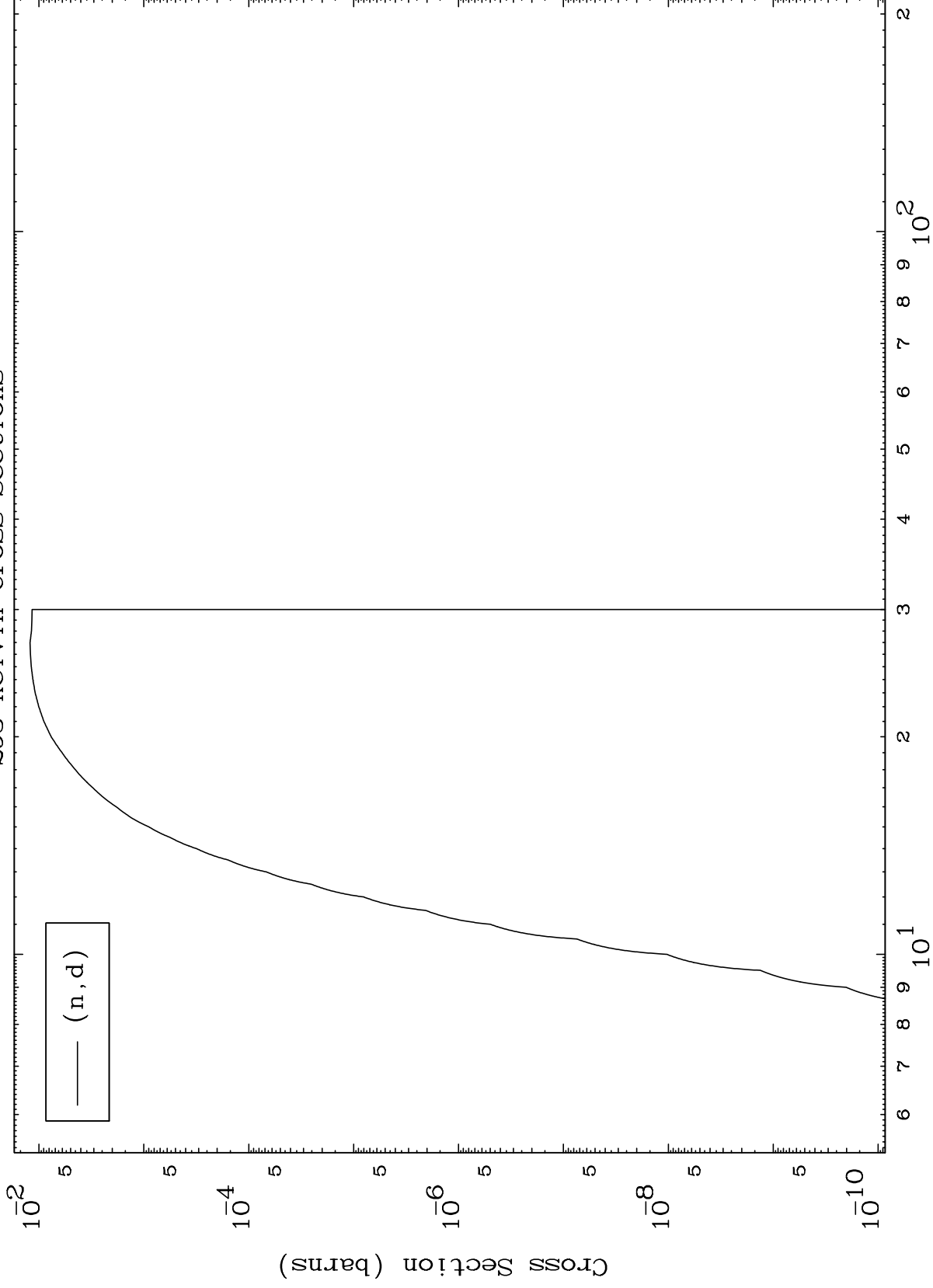
51-Sb-126m



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(n,d) Levels
293 Kelvin Cross Sections

51-Sb-126m



10

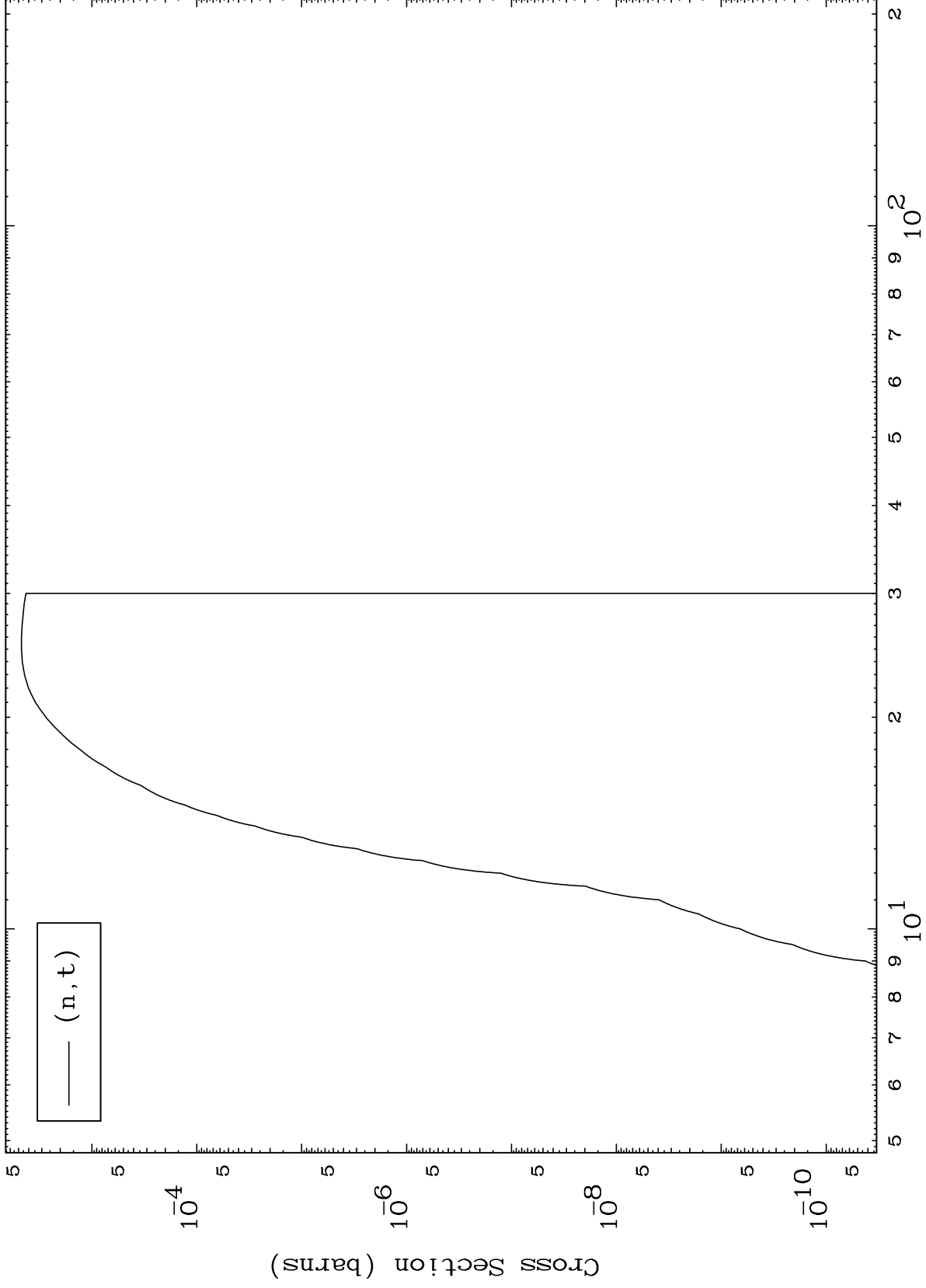
Incident Energy (MeV)

51-Sb-126m

MAT 5141

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-126m



11

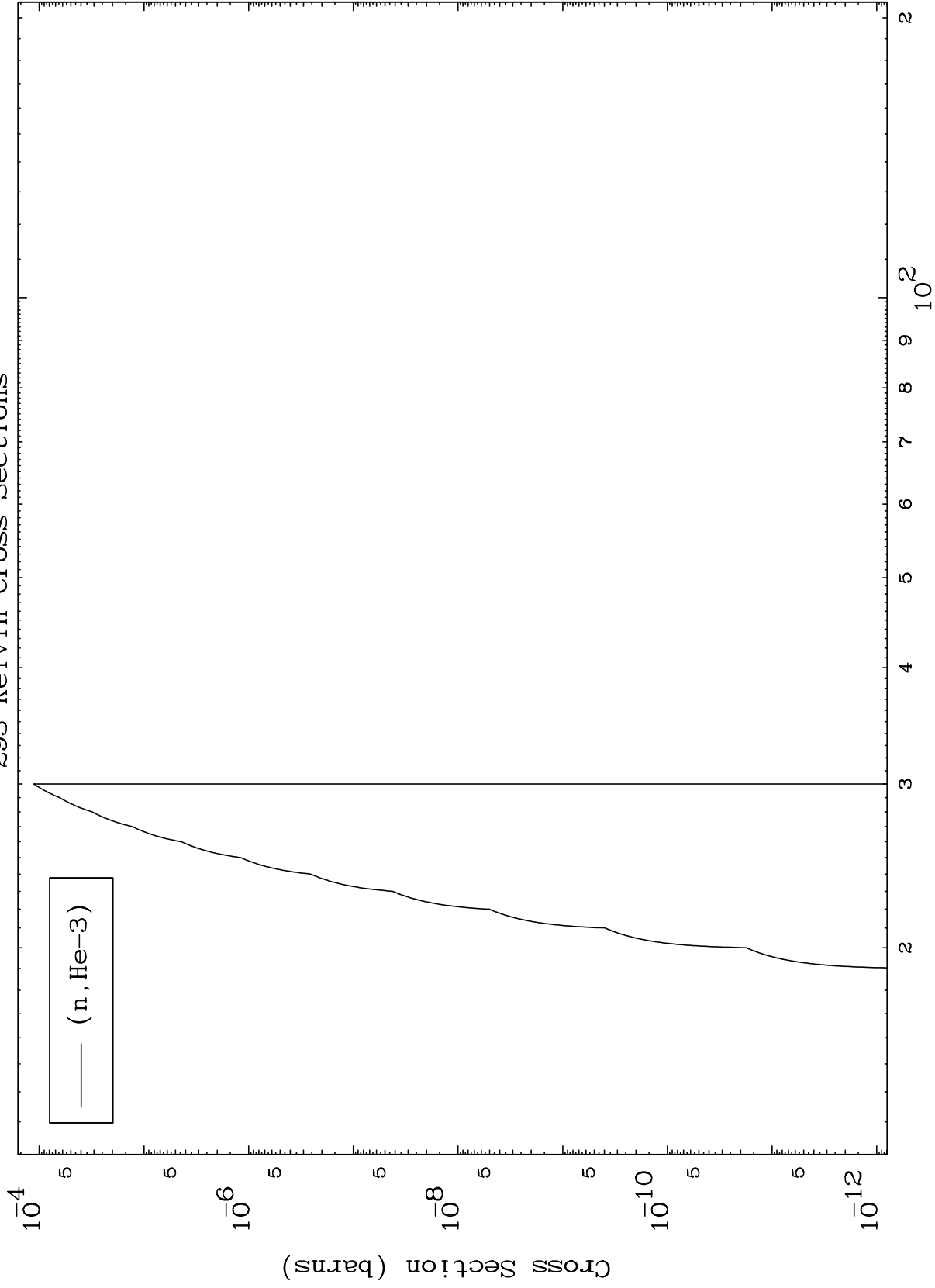
Incident Energy (MeV)

51-Sb-126m

MAT 5141

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-126m



12

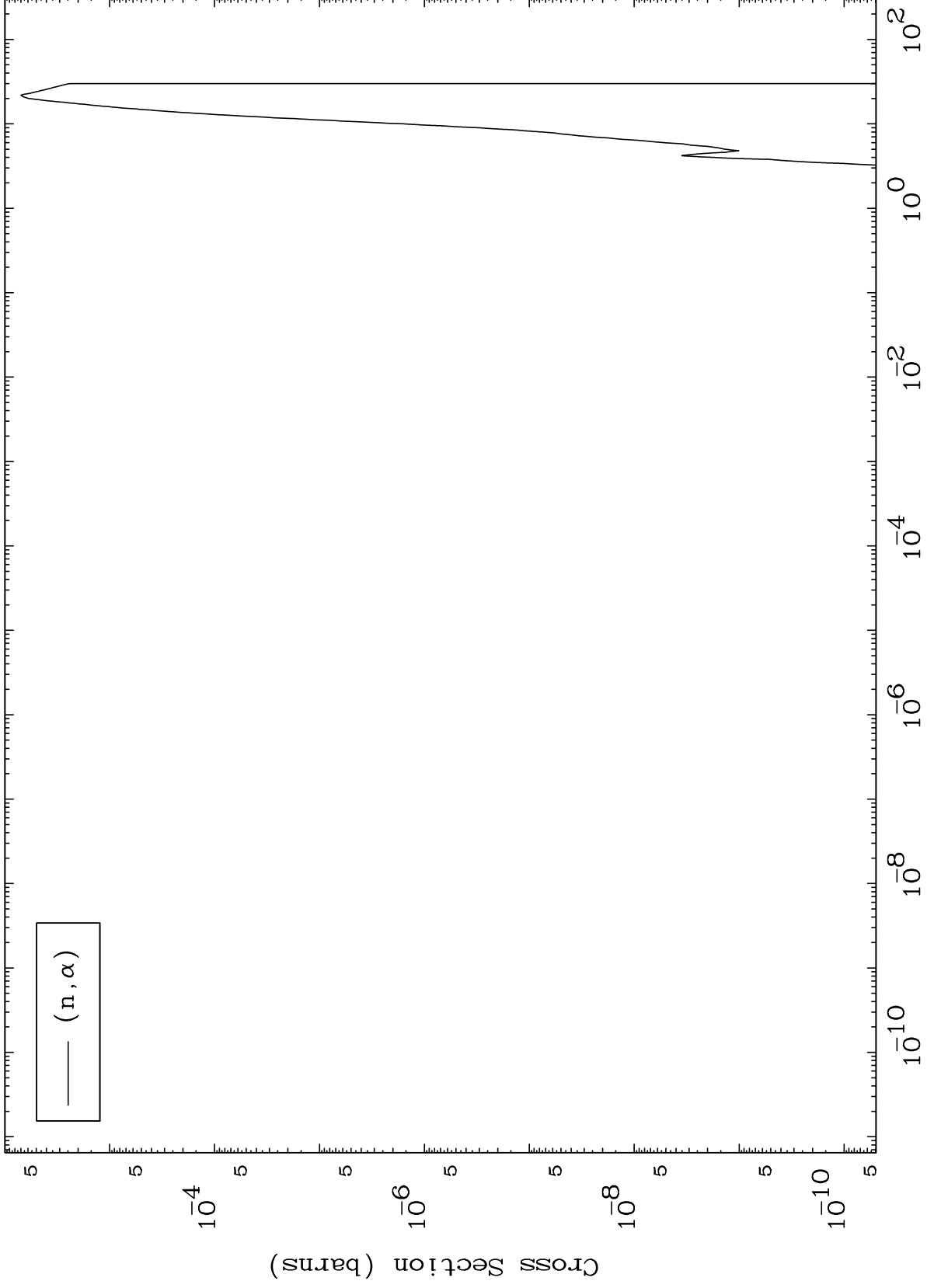
Incident Energy (MeV)

51-Sb-126m

MAT 5141

(n, α) Levels
293 Kelvin Cross Sections

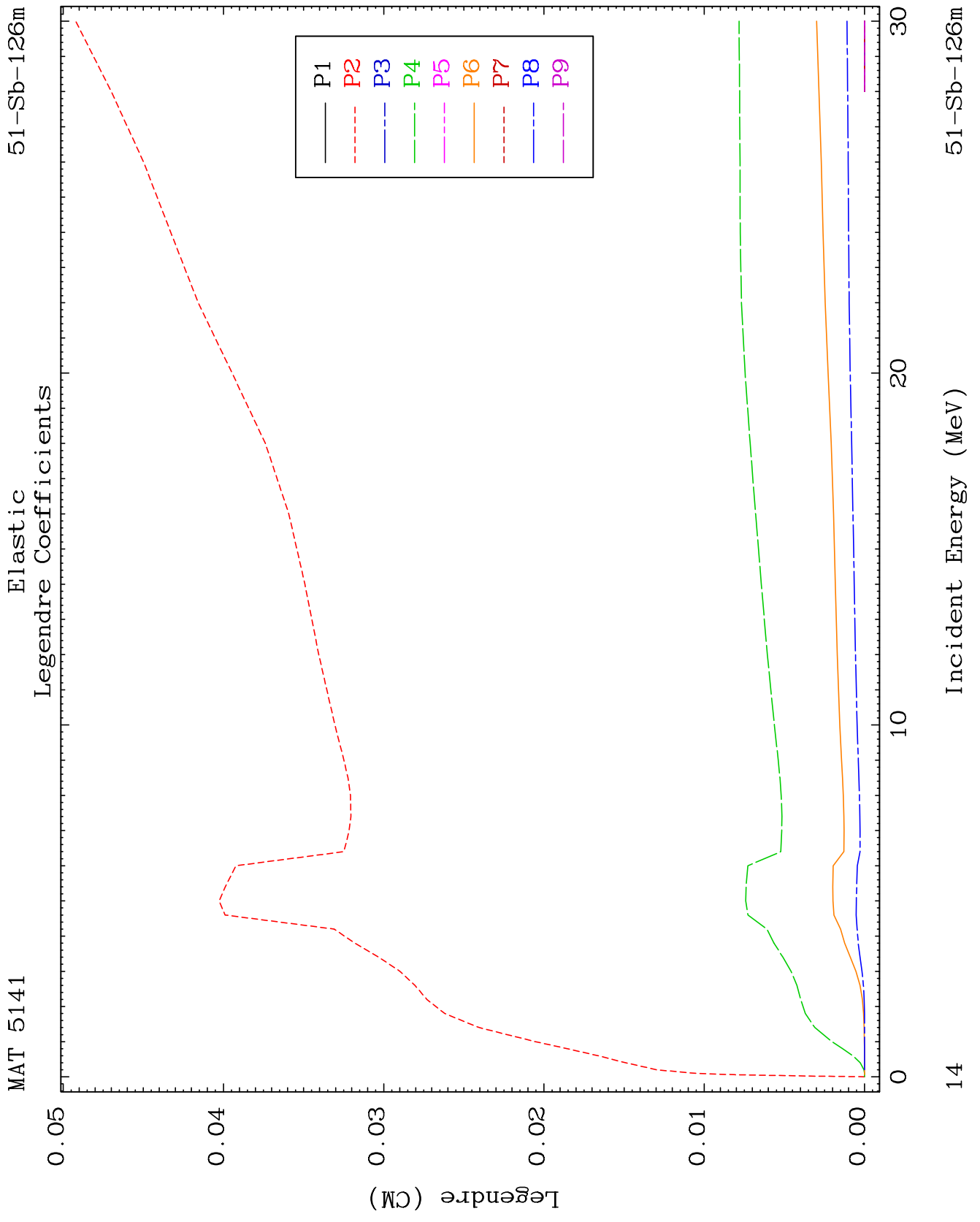
51-Sb-126m



(n, α)

51-Sb-126m

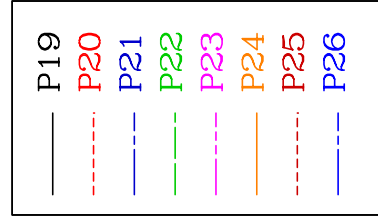
Incident Energy (MeV)



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Elastic
Legendre Coefficients

51-Sb-126m



$\times 10^{-7}$

Legendre (CM)

8

6

4

2

0

15

20

25

30

16

Incident Energy (MeV)

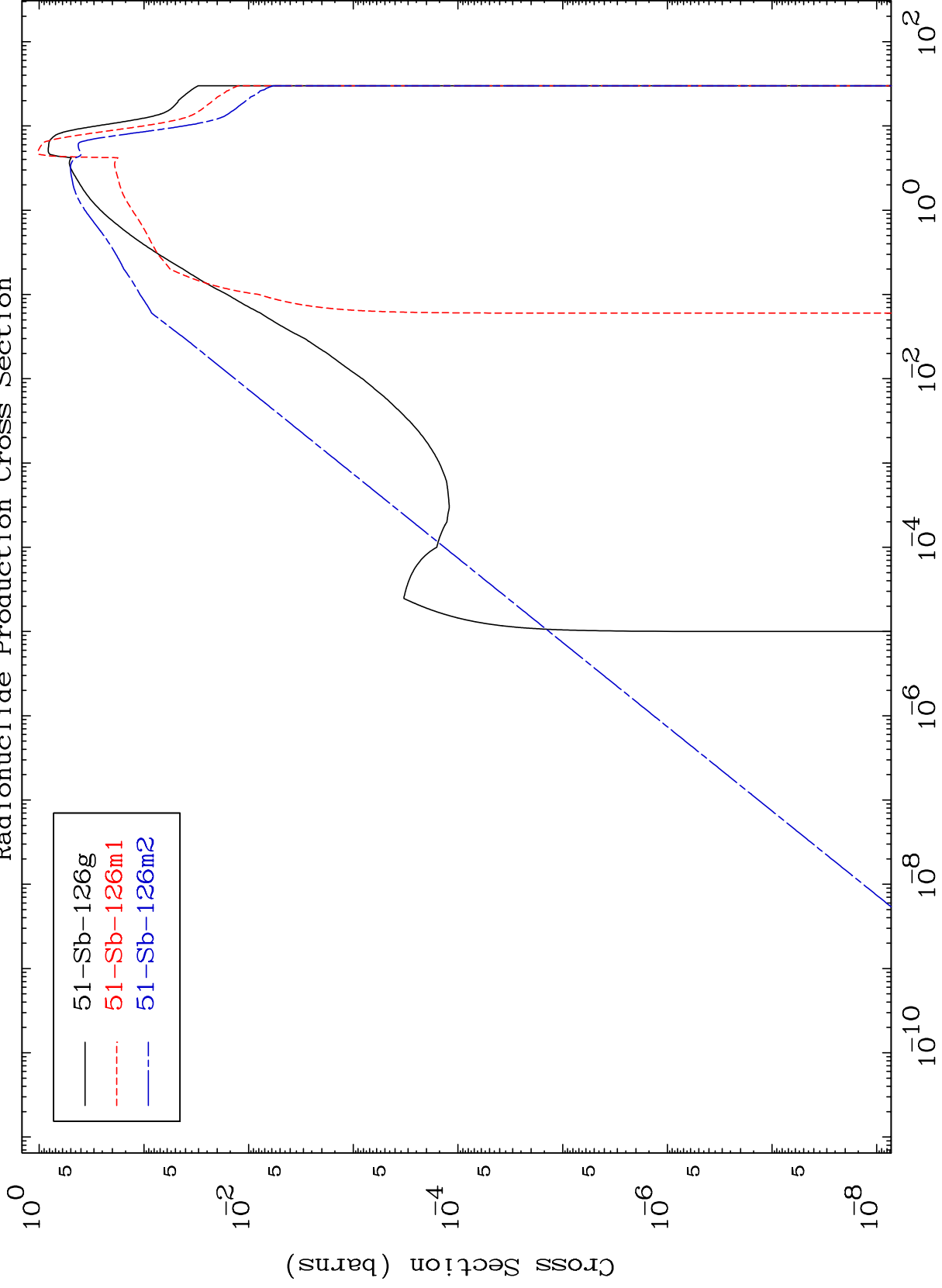
51-Sb-126m



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Inelastic
Radionuclide Production Cross Section

51-Sb-126m



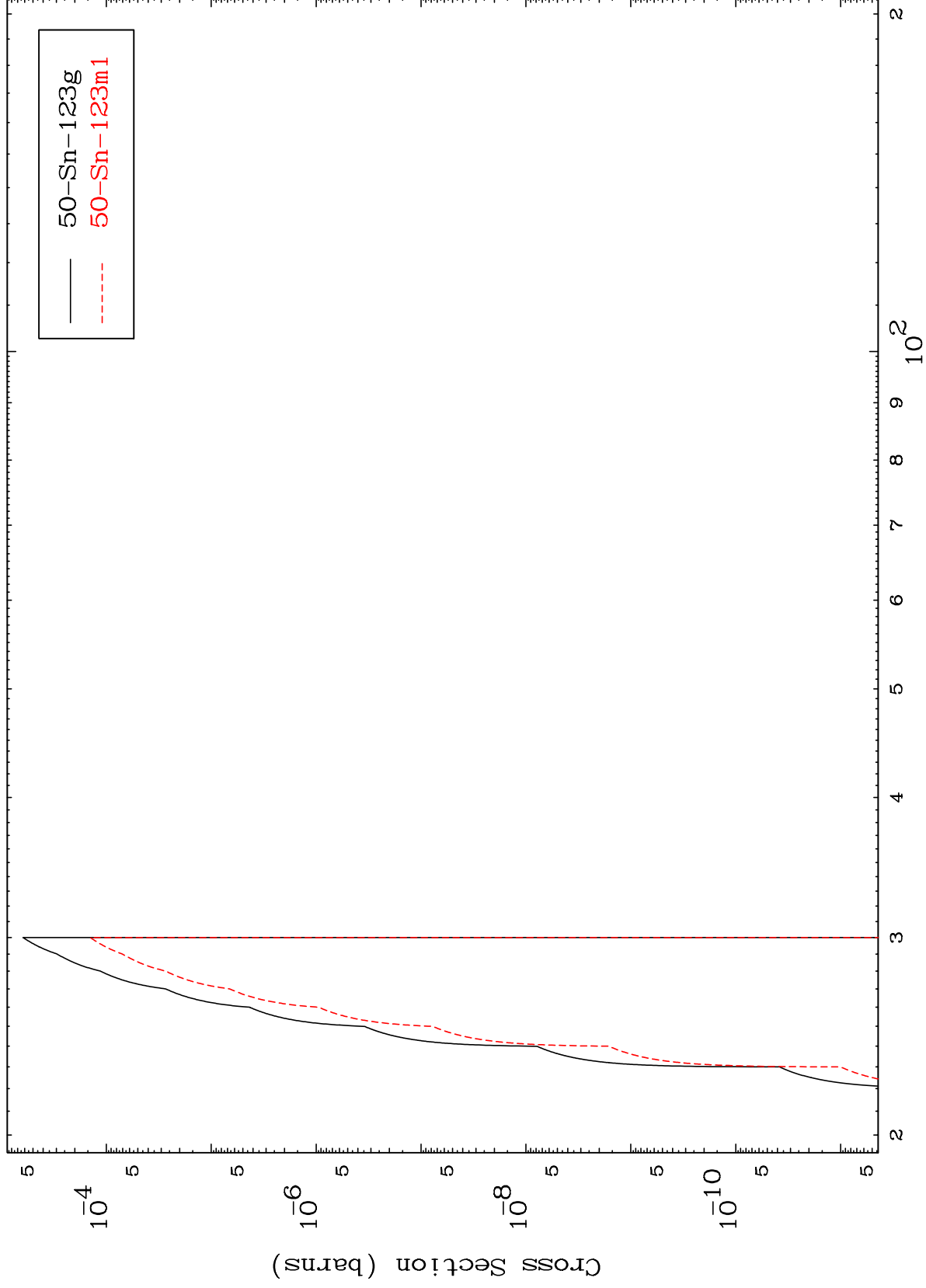
51-Sb-126g
51-Sb-126m1
51-Sb-126m2

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(n,2n) d

51-Sb-126m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

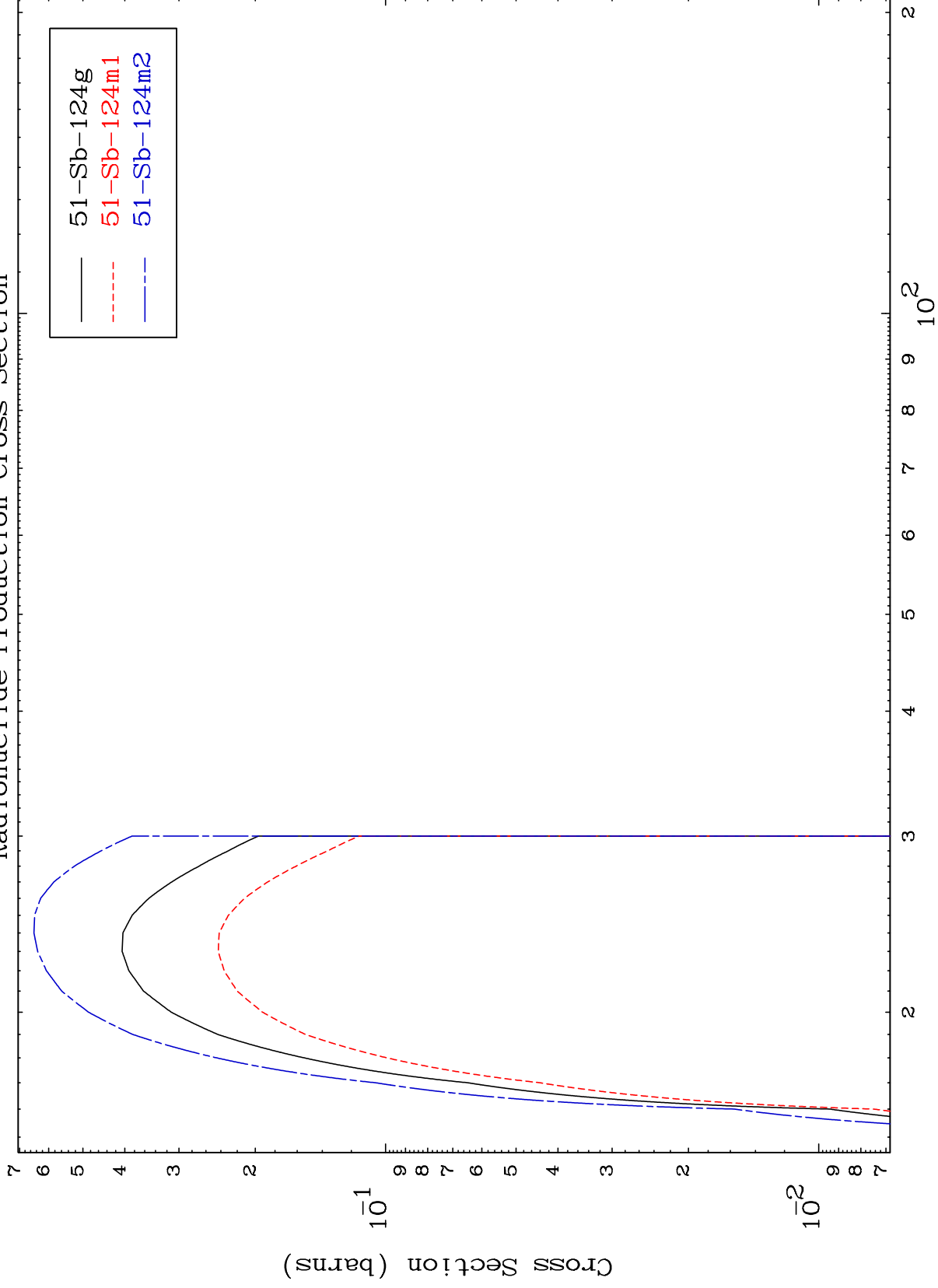
51-Sb-126m

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(n,3n)

51-Sb-126m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

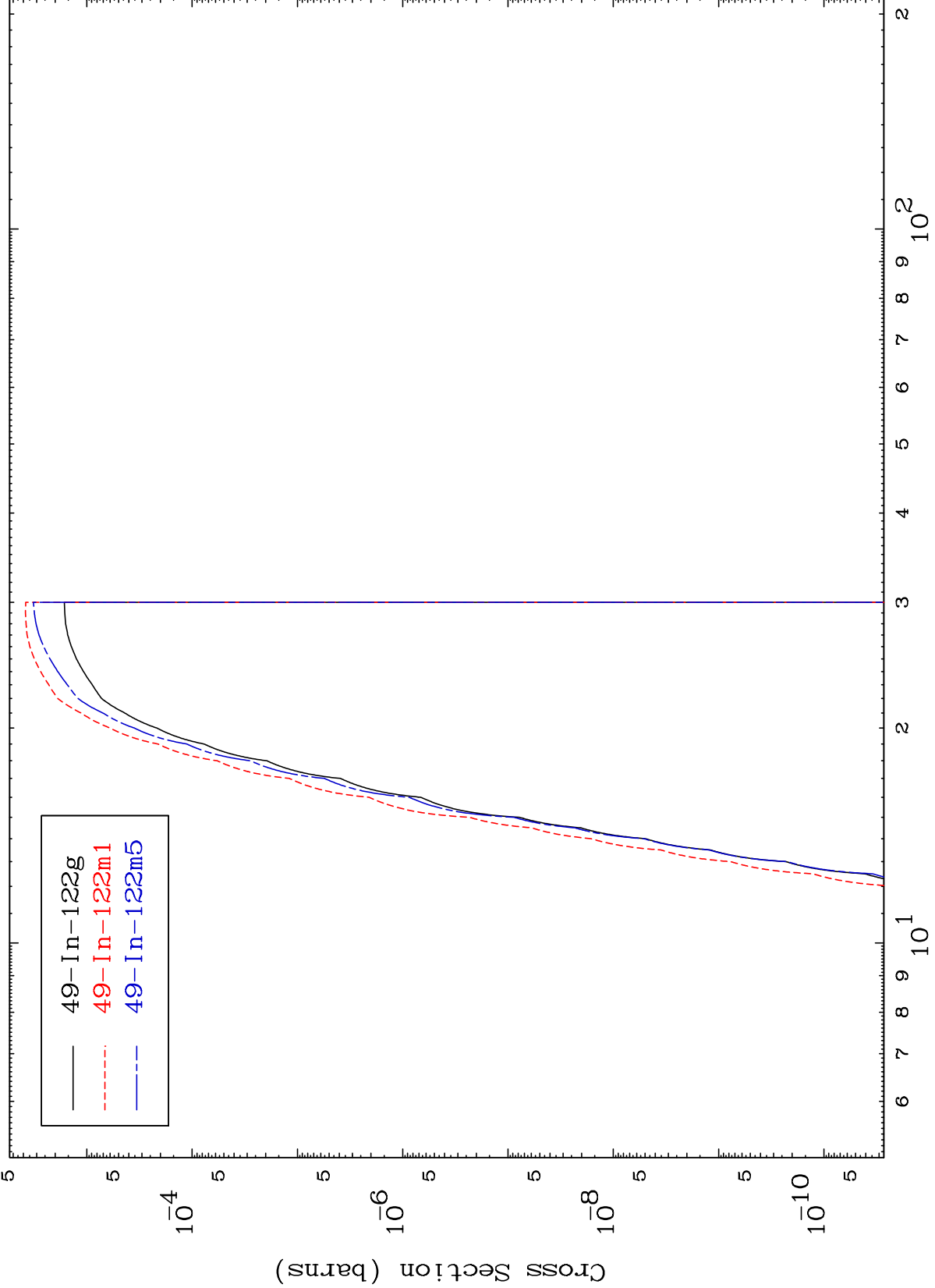
51-Sb-126m

MAT 5141

51-Sb-126m

(n,n') α

Radionuclide Production Cross Section



20

Incident Energy (MeV)

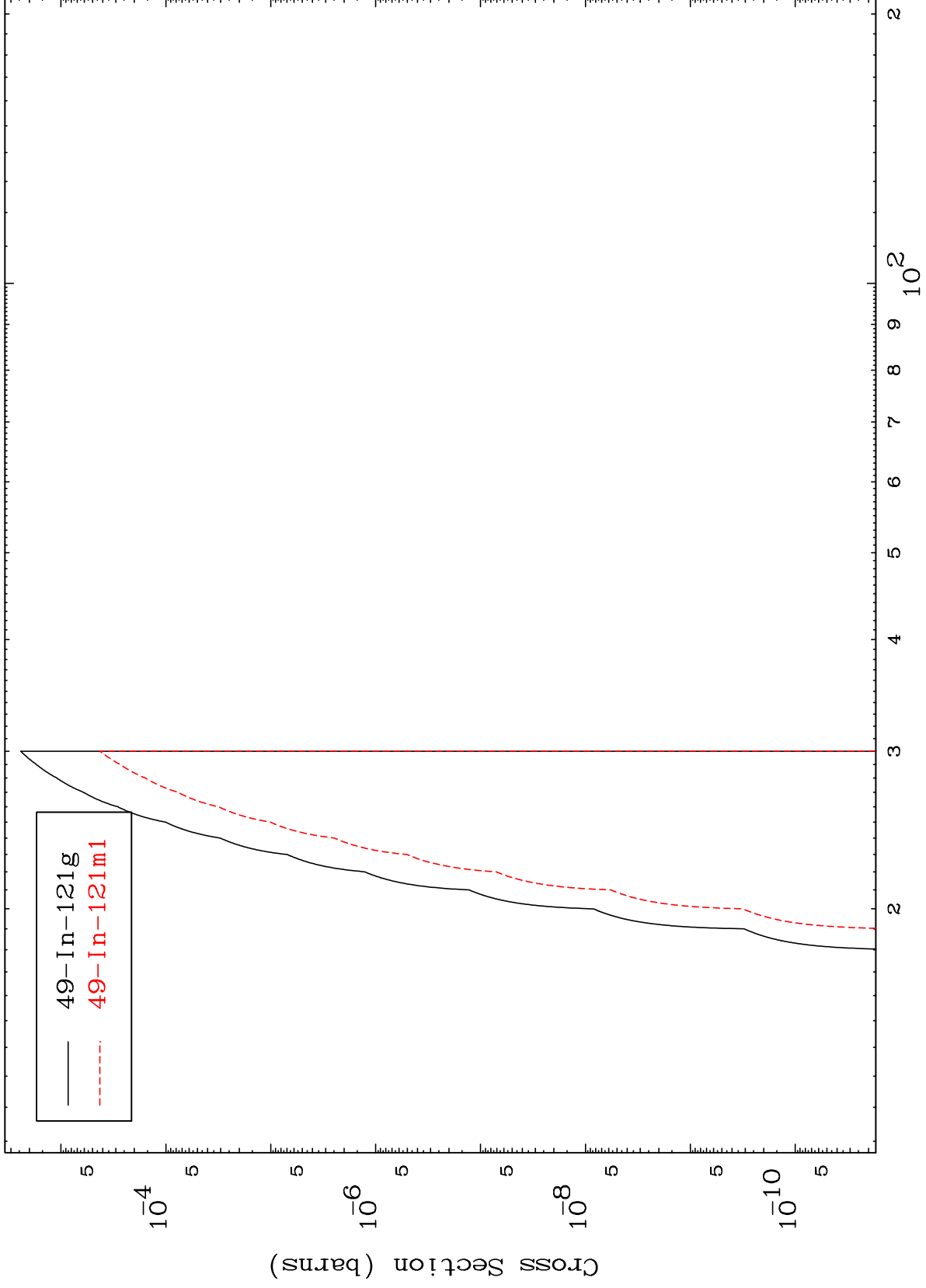
51-Sb-126m

MAT 5141

(n,2n) α

51-Sb-126m

Radionuclide Production Cross Section



21

Incident Energy (MeV)

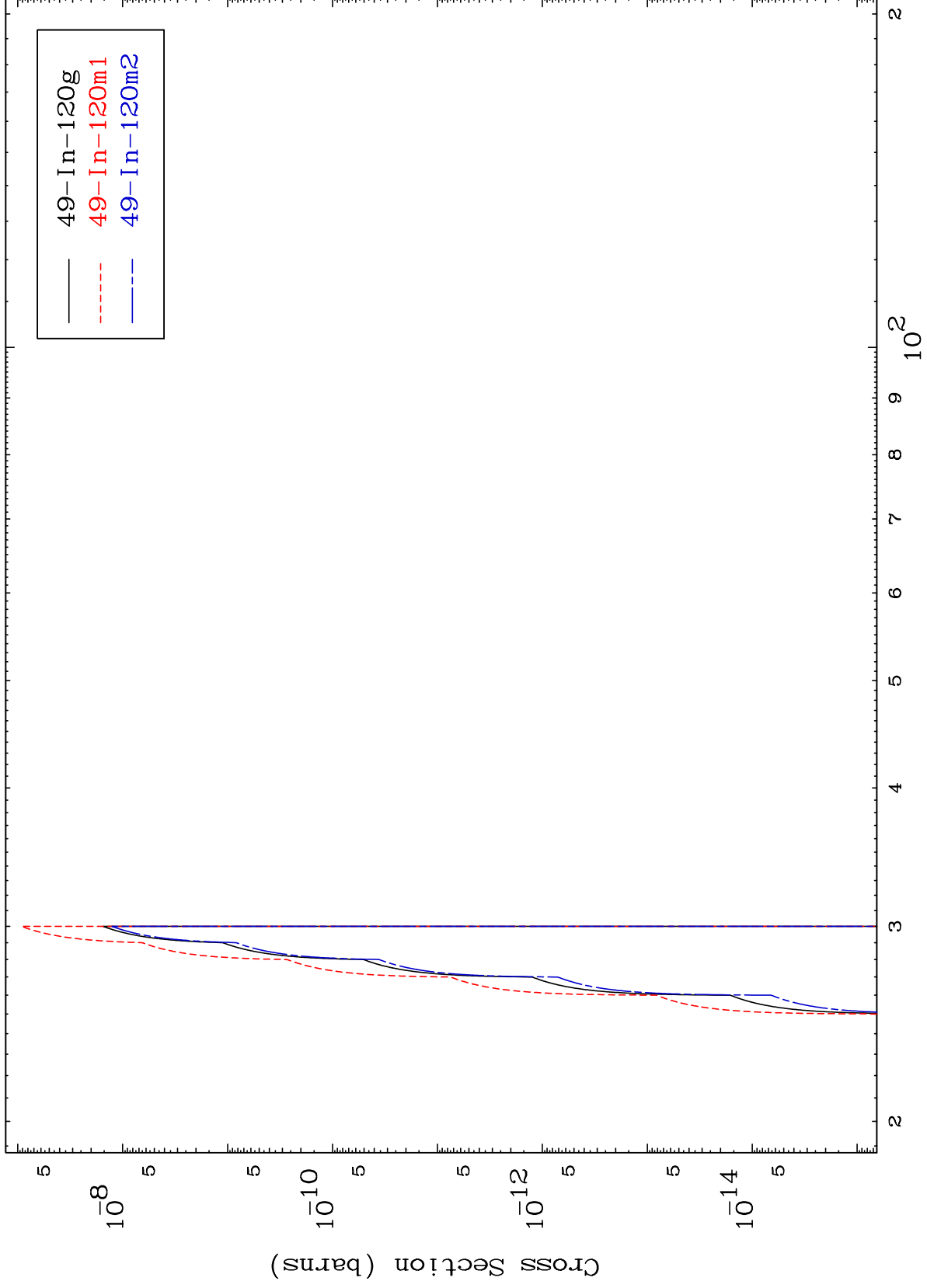
51-Sb-126m

MAT 5141

(n,3n) α

51-Sb-126m

Radionuclide Production Cross Section



22

Incident Energy (MeV)

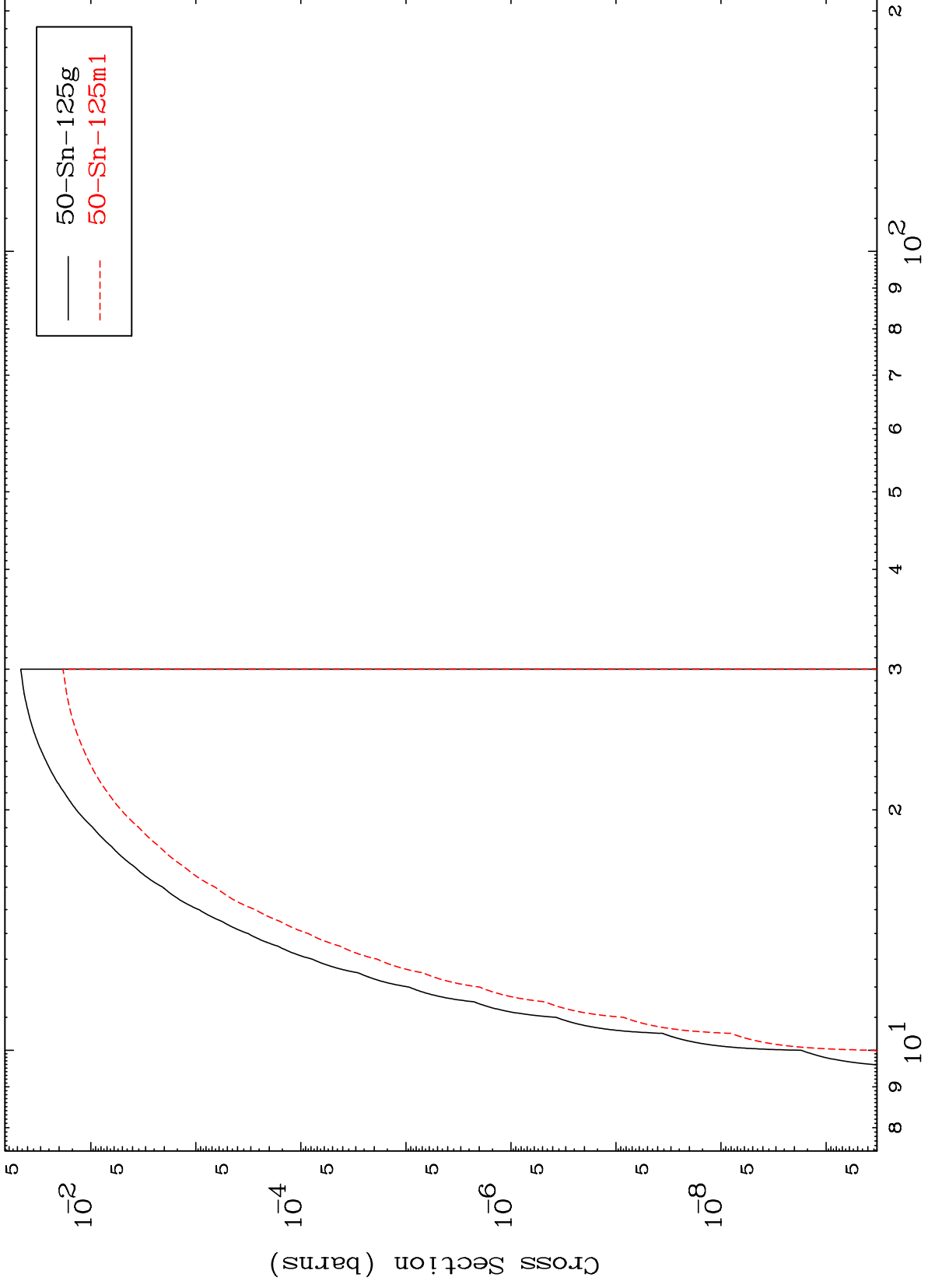
51-Sb-126m

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(n,n') p

51-Sb-126m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

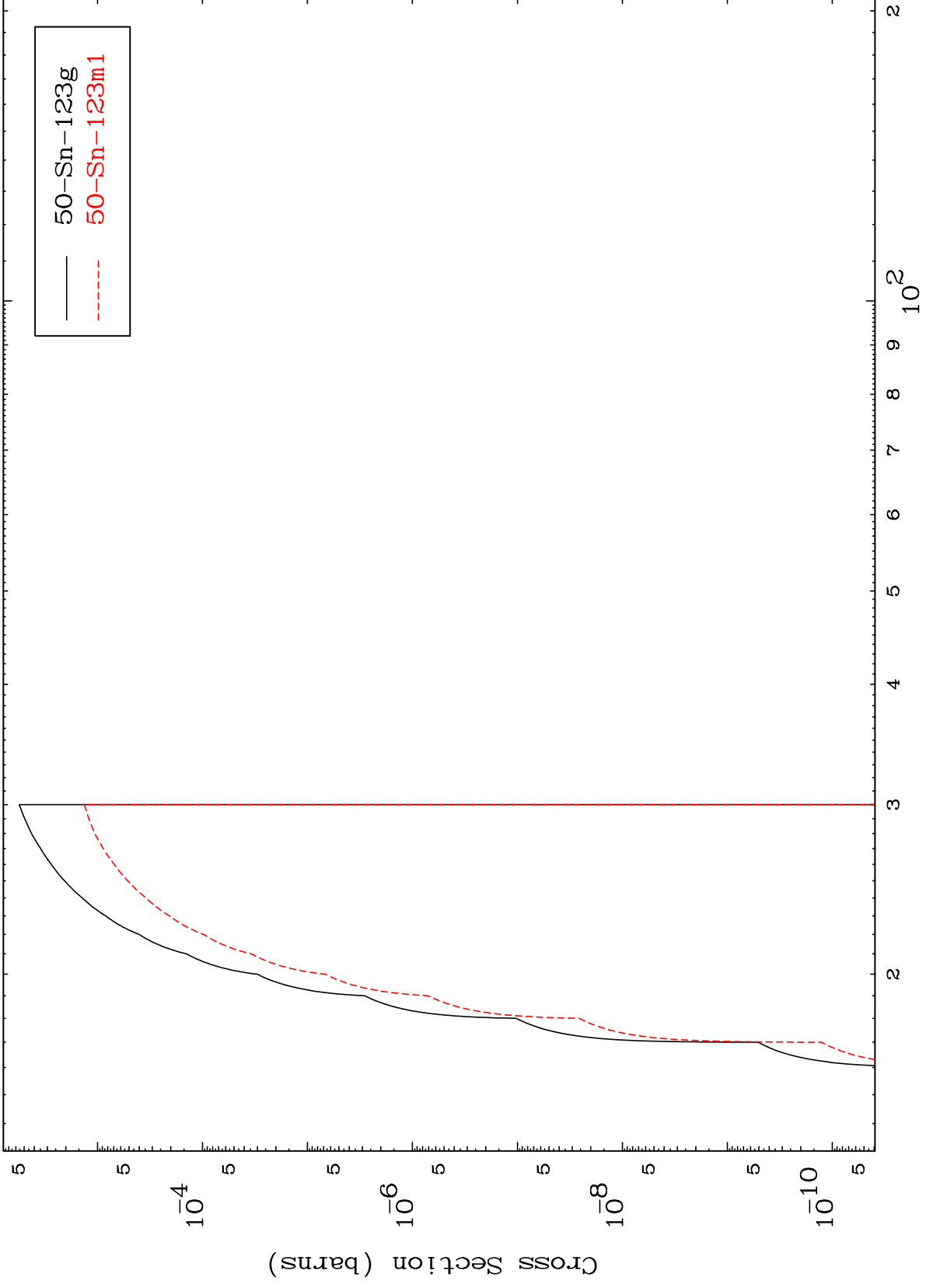
51-Sb-126m

MAT 5141

(n,n') t

51-Sb-126m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

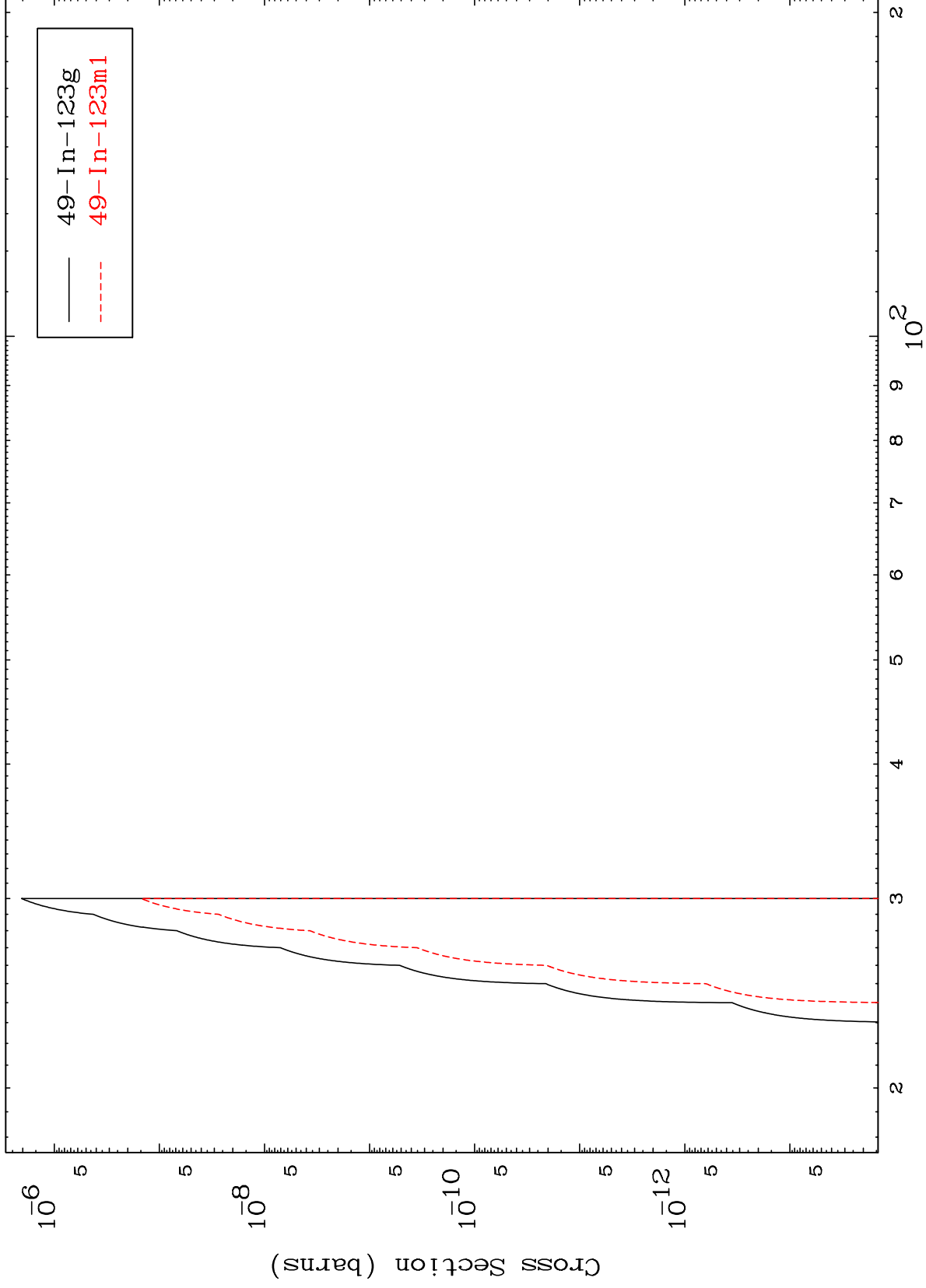
51-Sb-126m

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(n,n') He-3

51-Sb-126m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

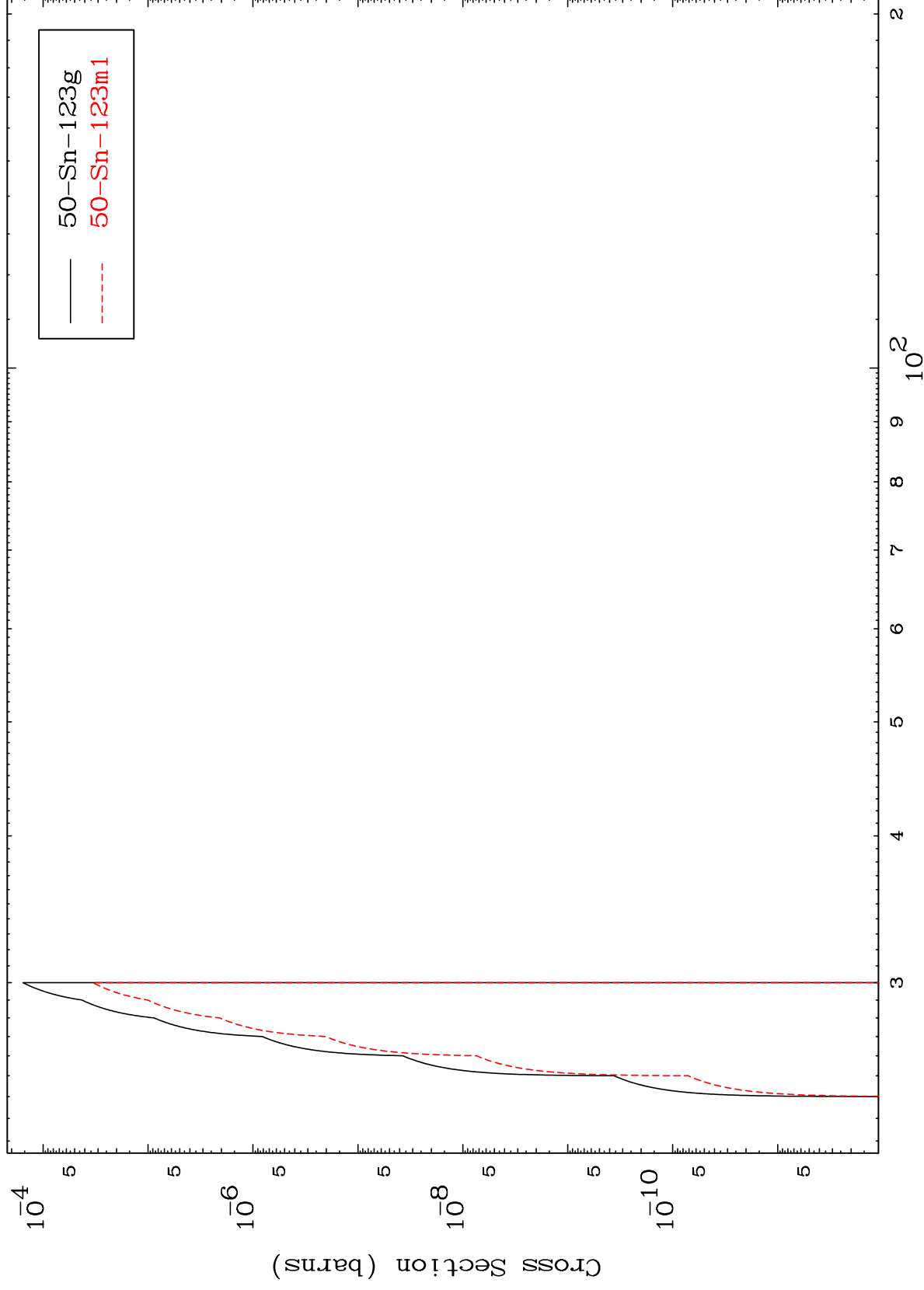
51-Sb-126m

MAT 5141

(n,3n) p

51-Sb-126m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

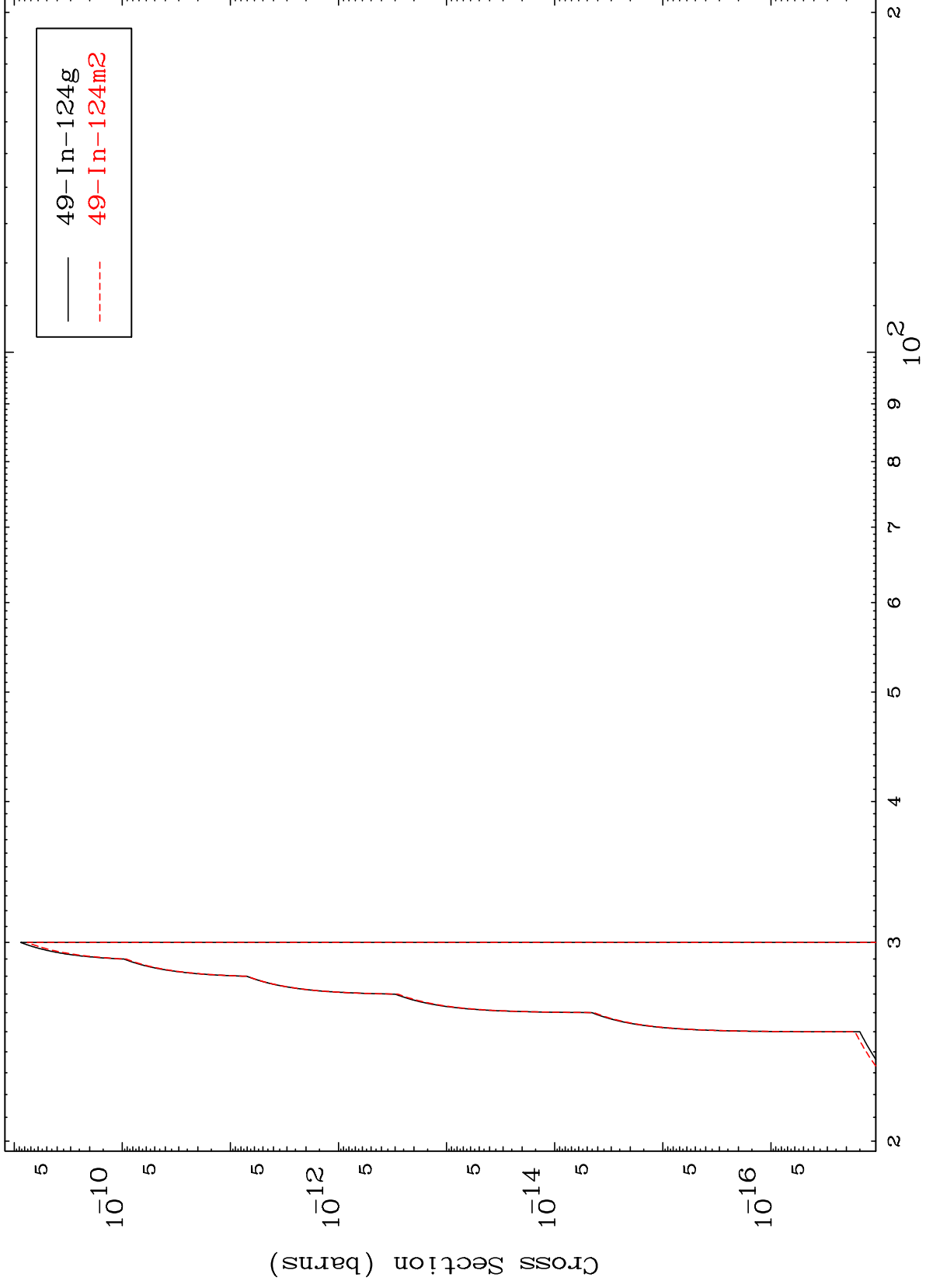
51-Sb-126m

MAT 5141

(n,2n) p

51-Sb-126m

Radionuclide Production Cross Section



27

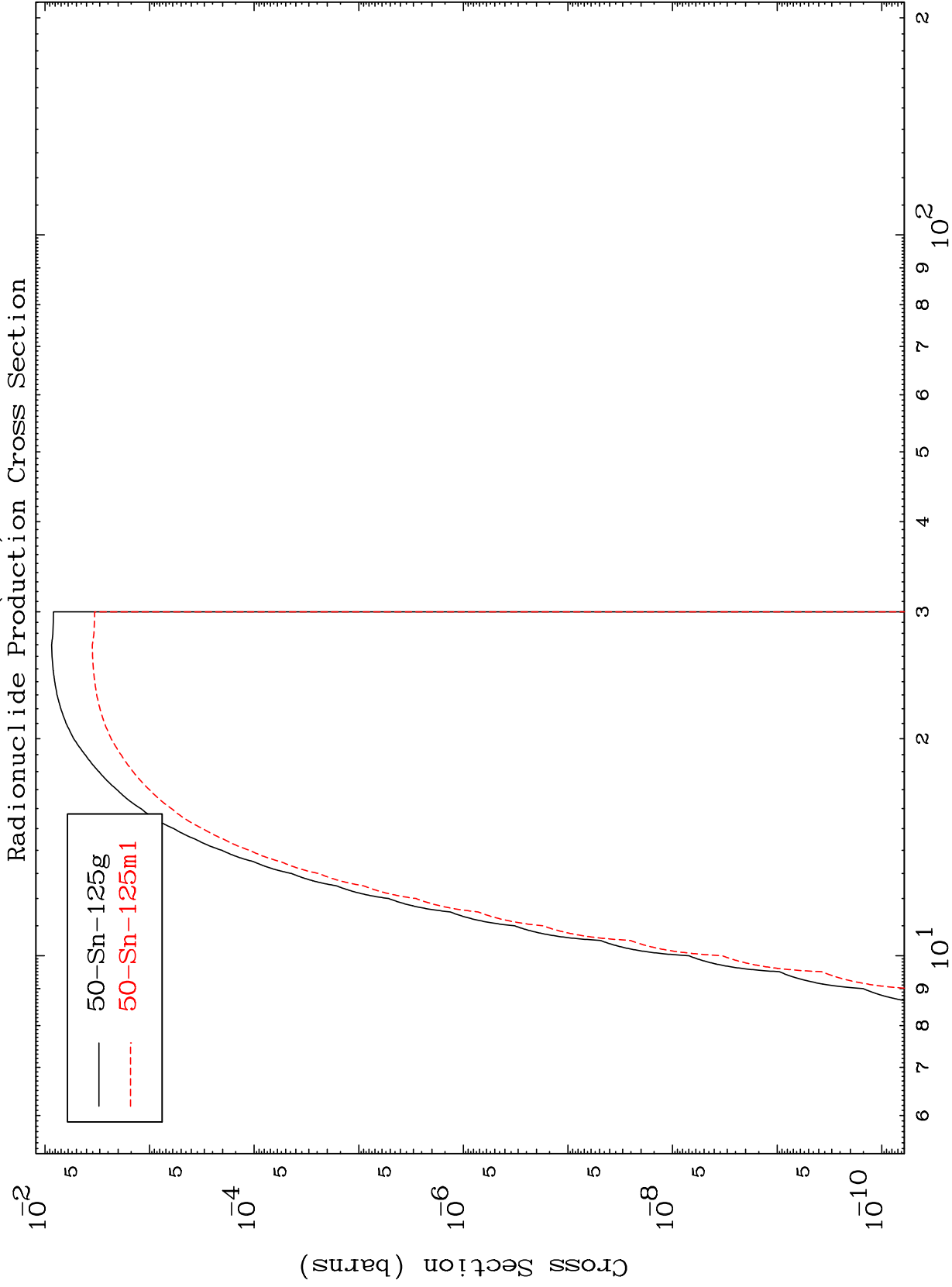
Incident Energy (MeV)

51-Sb-126m

MAT 5141

(n,d)

51-Sb-126m

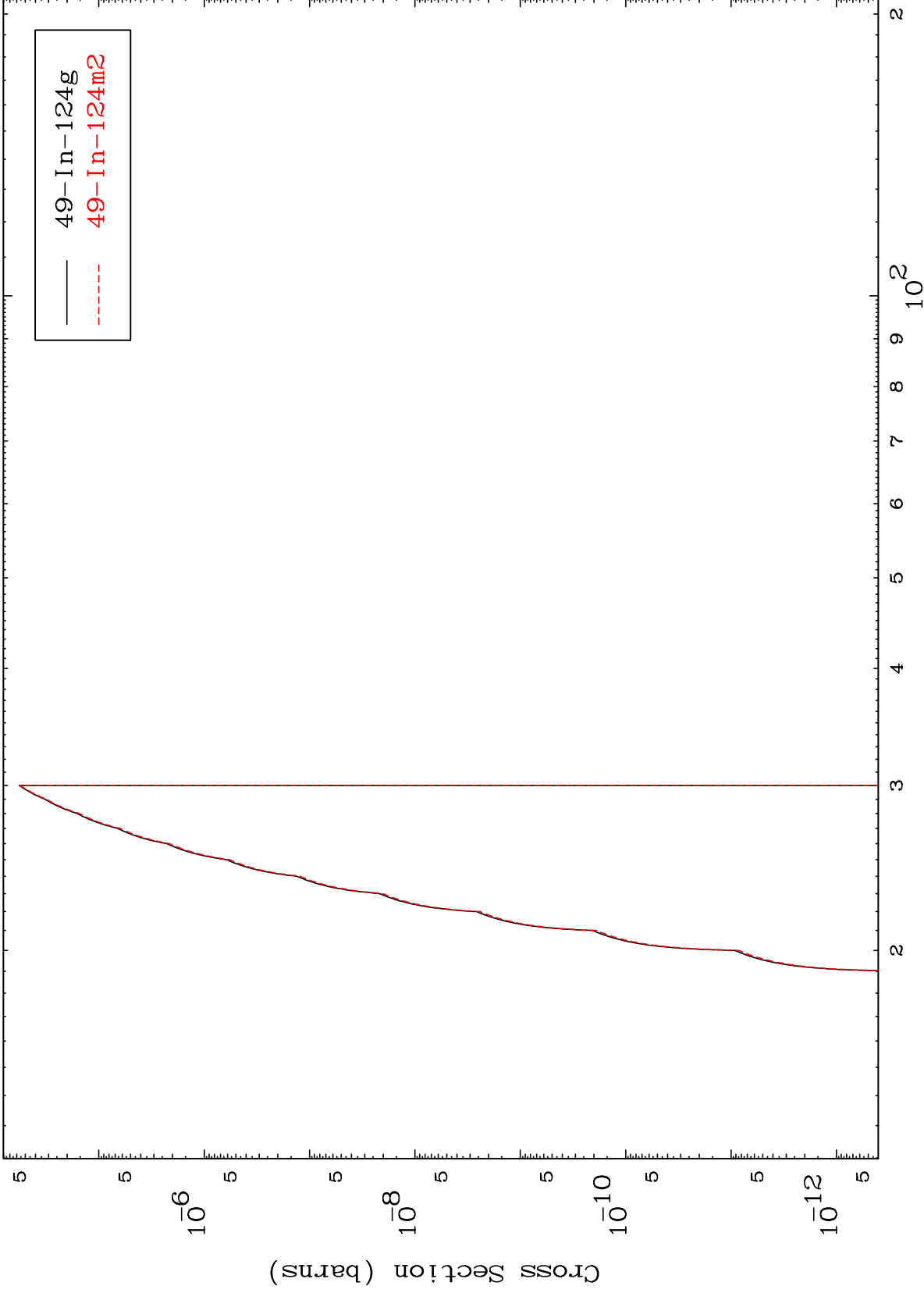


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Incident Energy (MeV)

51-Sb-126m

Radionuclide Production Cross Section

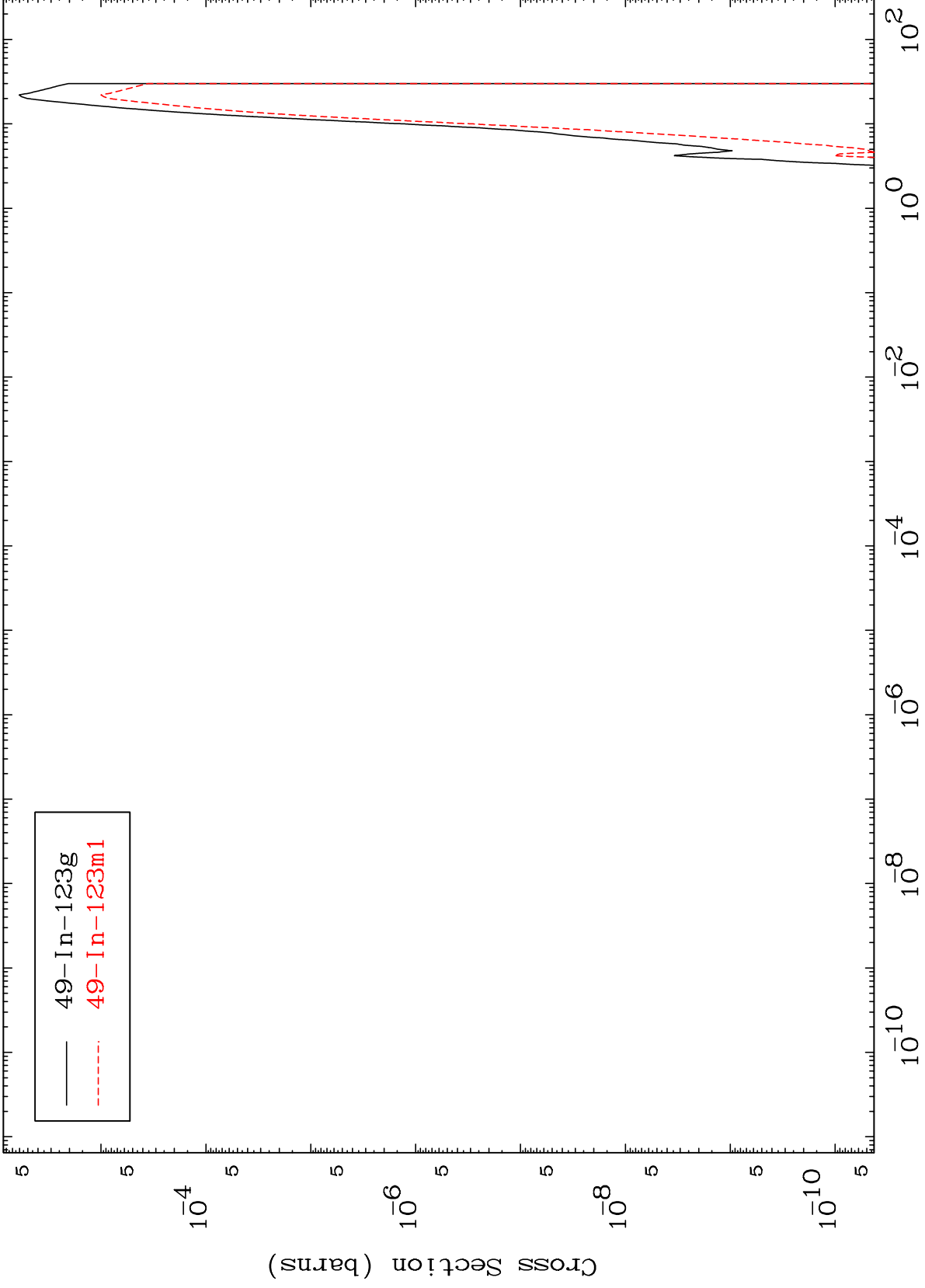


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(n, α)

51-Sb-126m

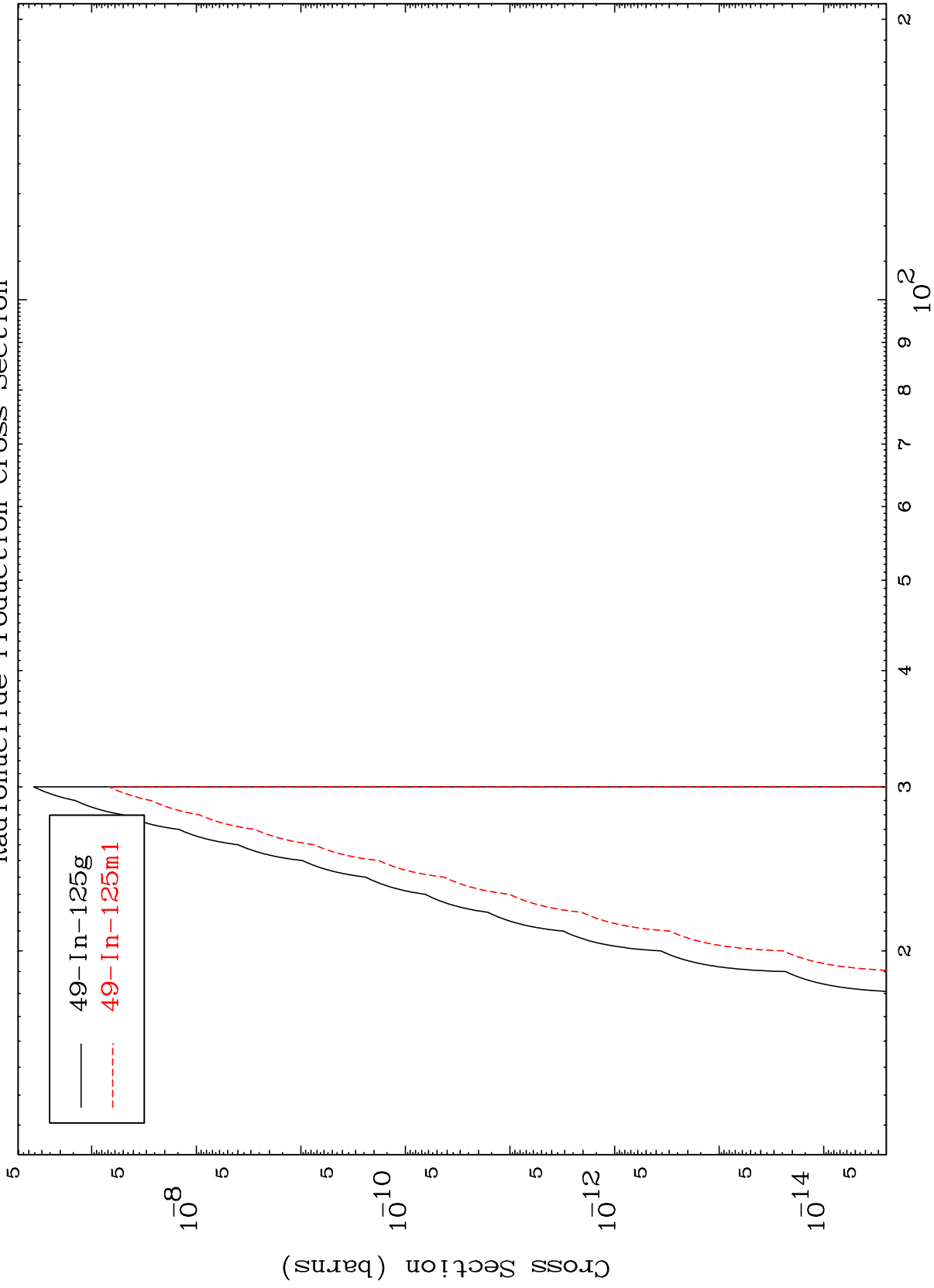
Radionuclide Production Cross Section



MAT 5141

51-Sb-126m

(n,2p)
Radionuclide Production Cross Section



51-Sb-126m

Incident Energy (MeV)

31