

Program EVALPLOT
(Version 2018-1)

by

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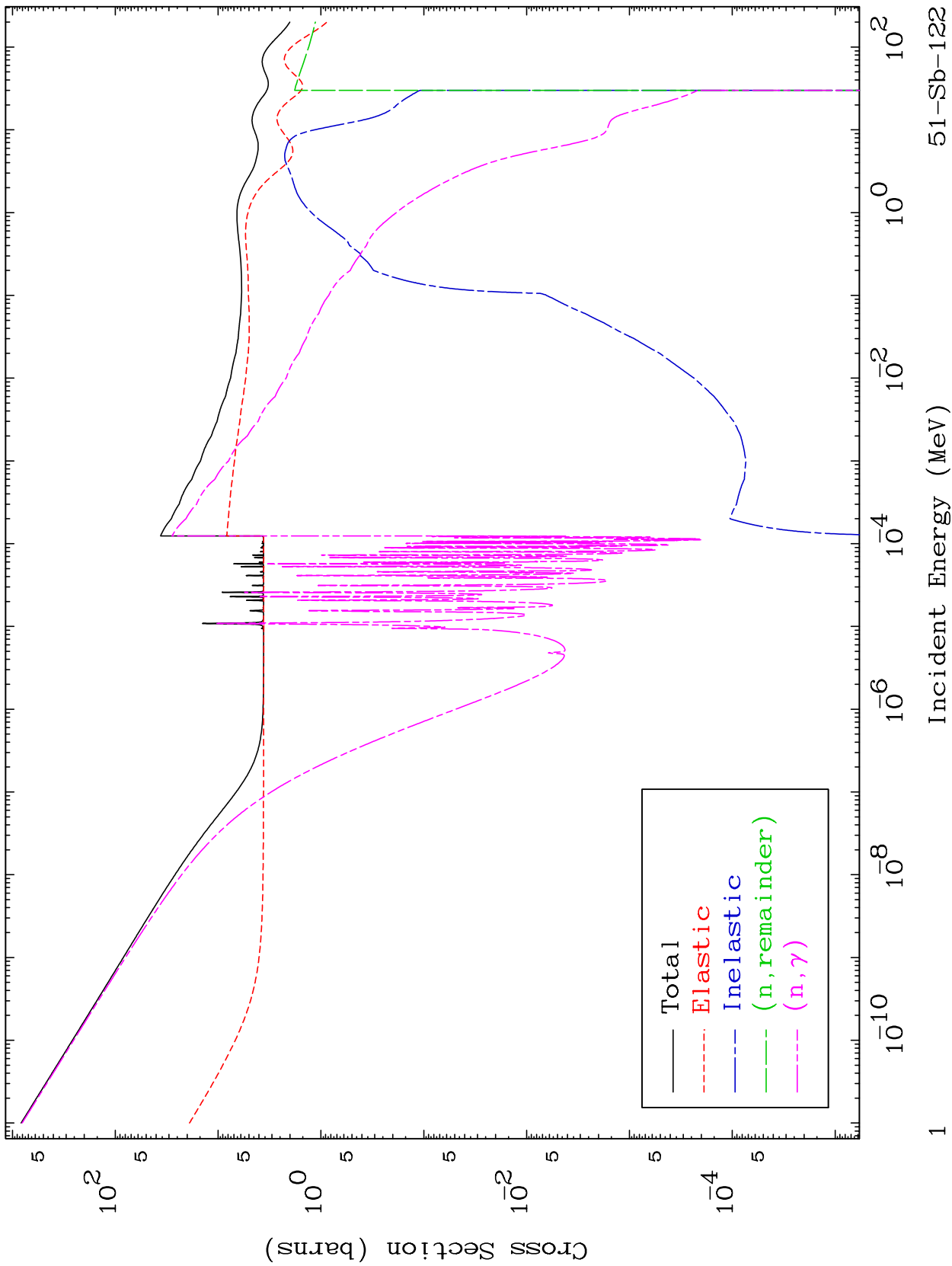
Press Mouse Button to Start

MAT 5129

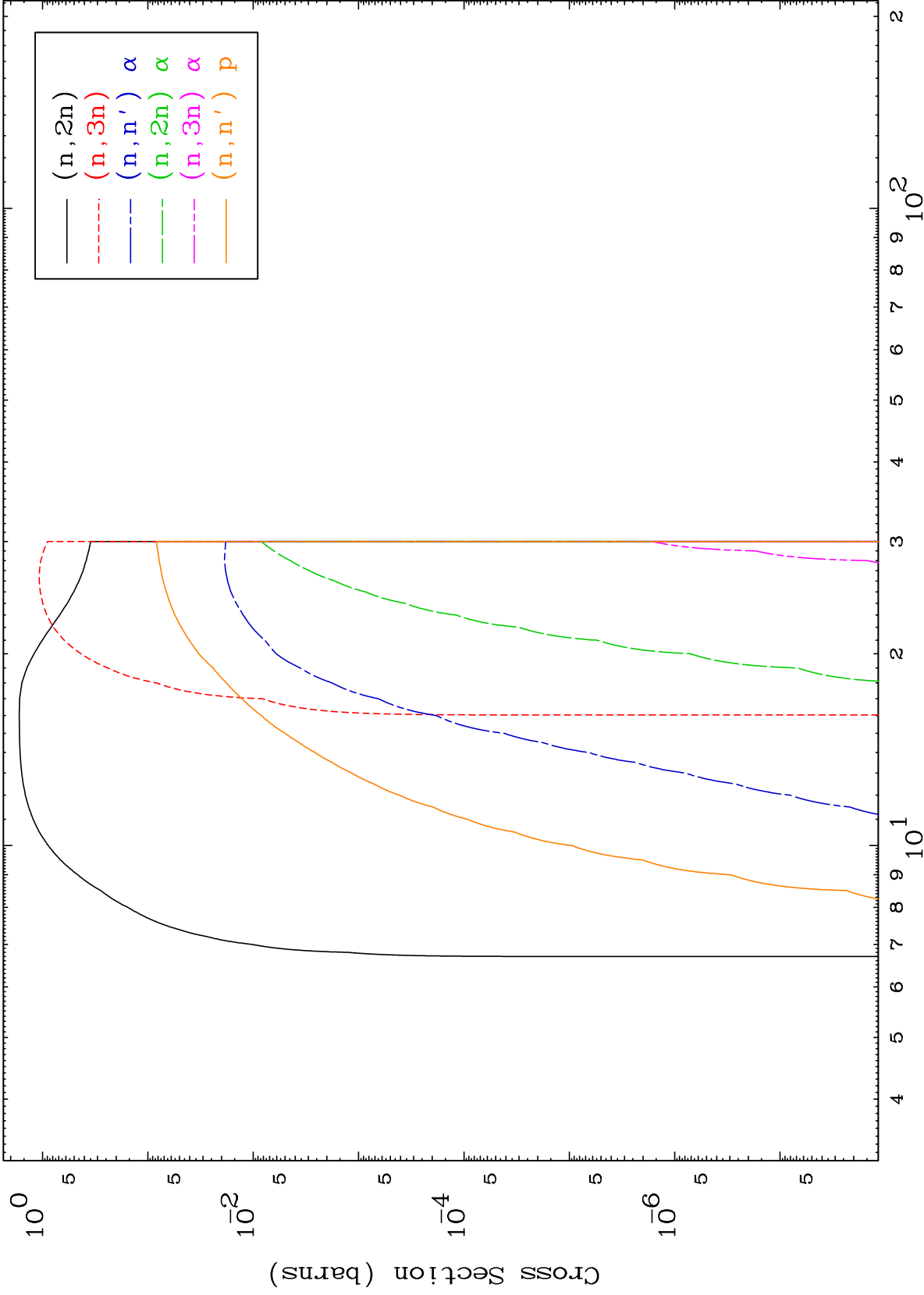
Major

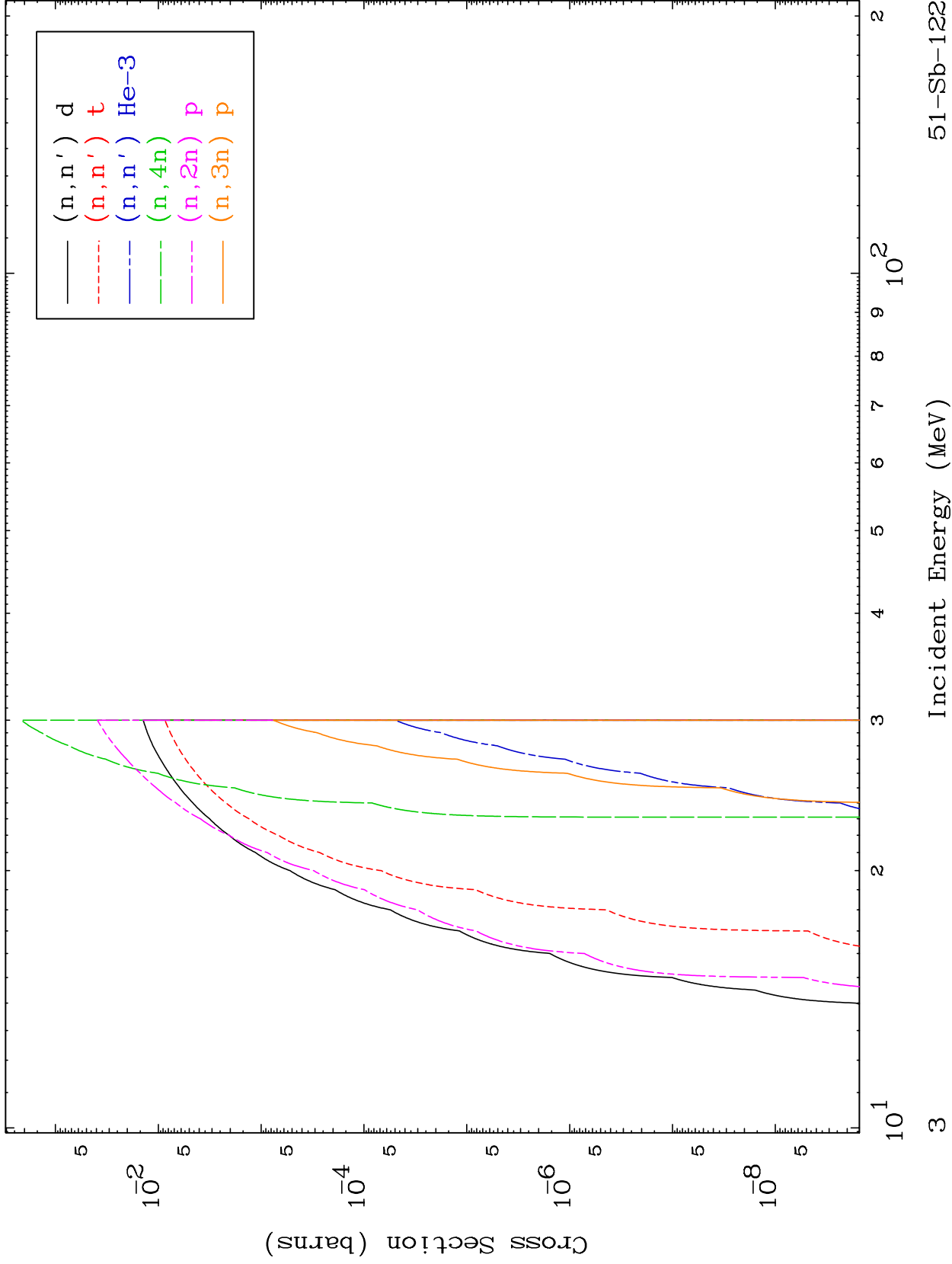
293 Kelvin Cross Sections

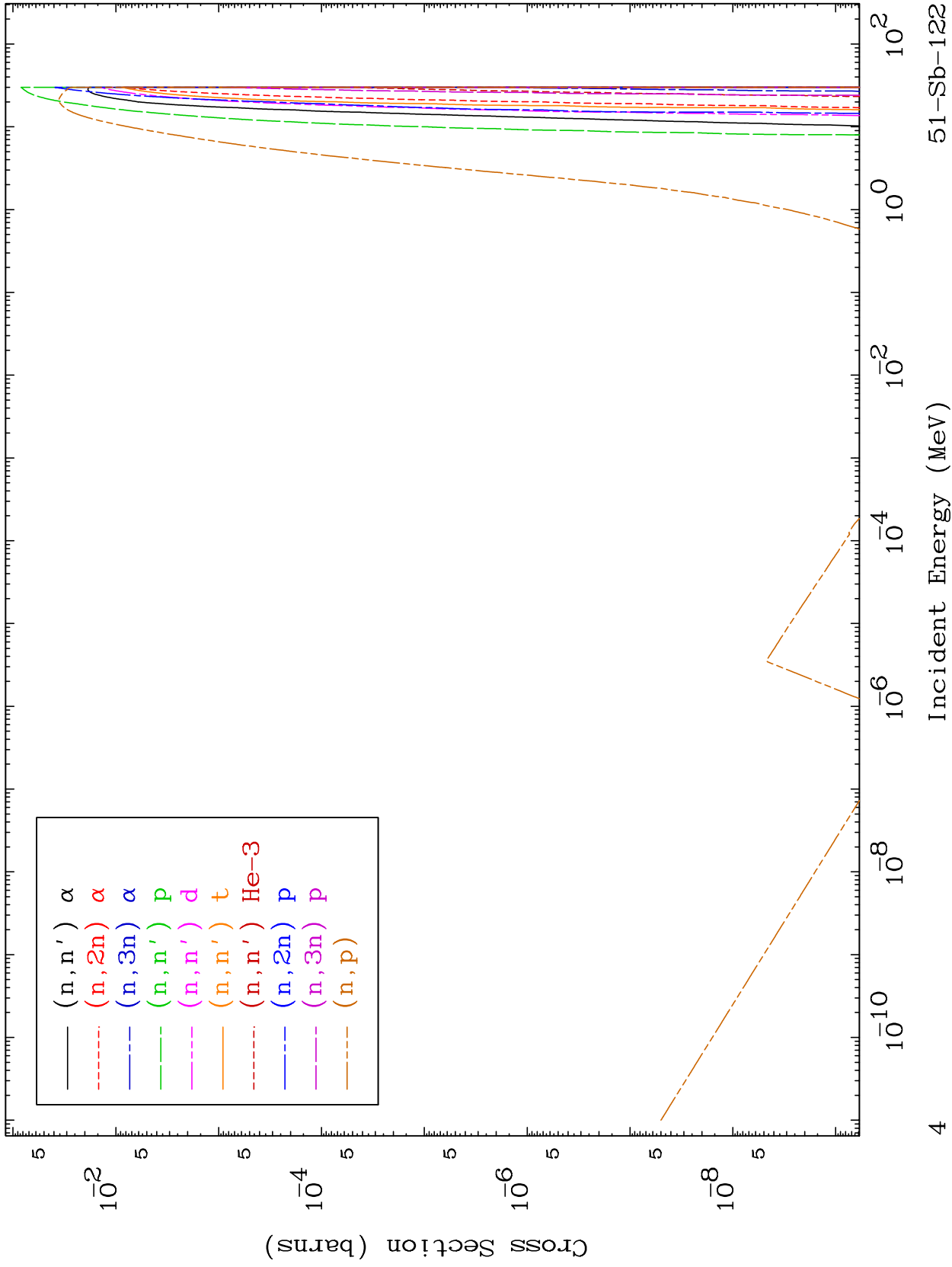
51-Sb-122

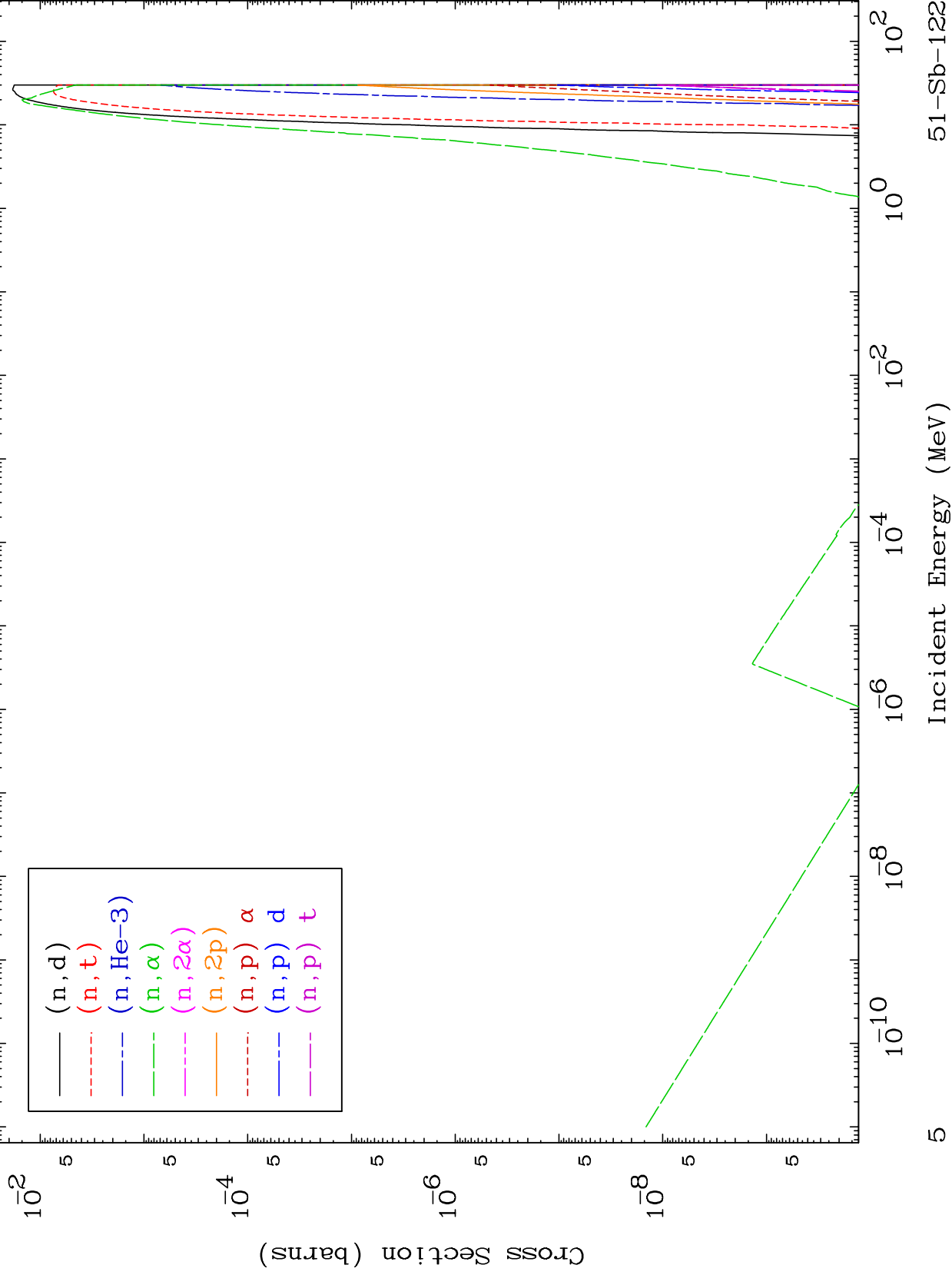


Neutron Production
293 Kelvin Cross Sections





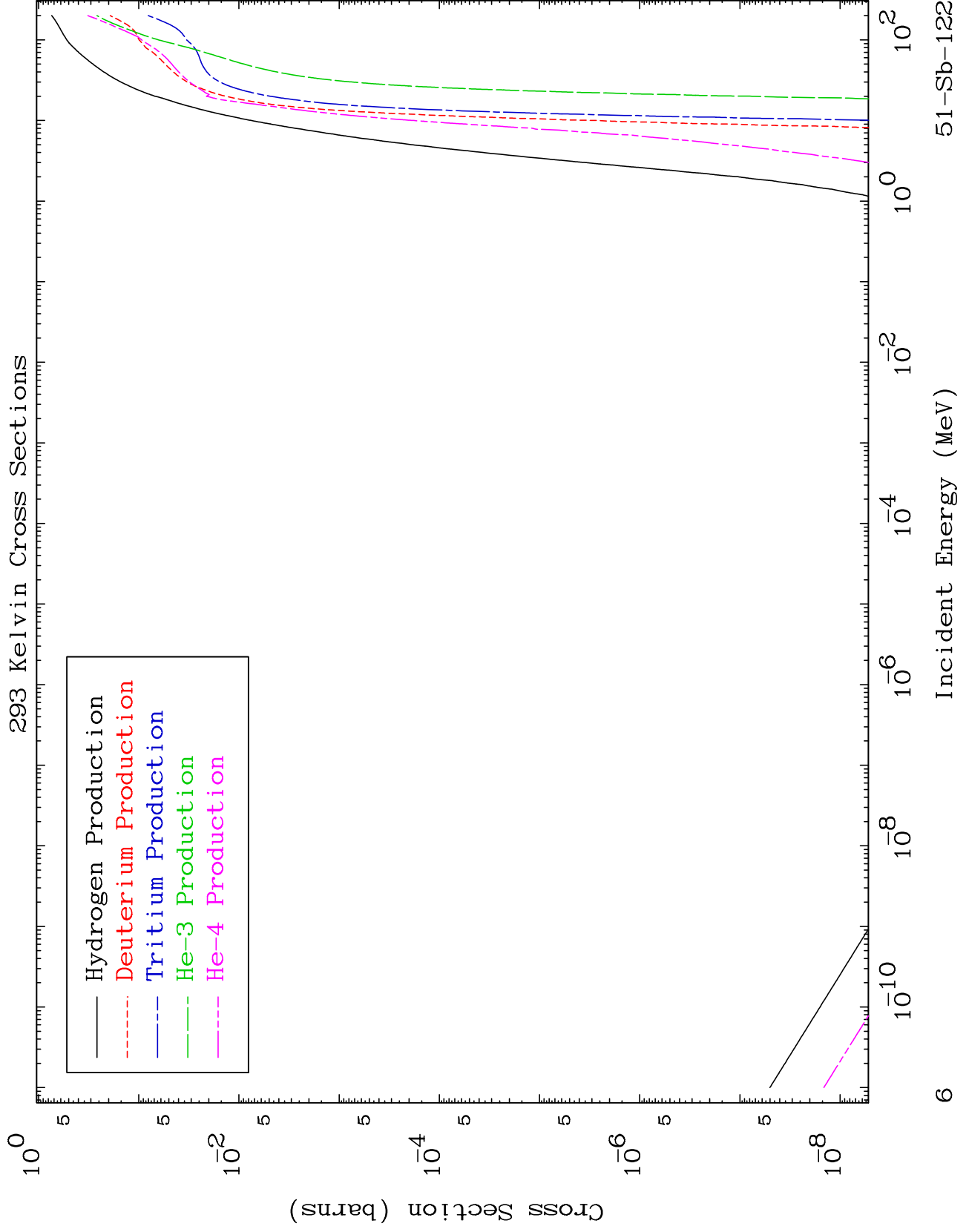




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Particle Production
293 Kelvin Cross Sections

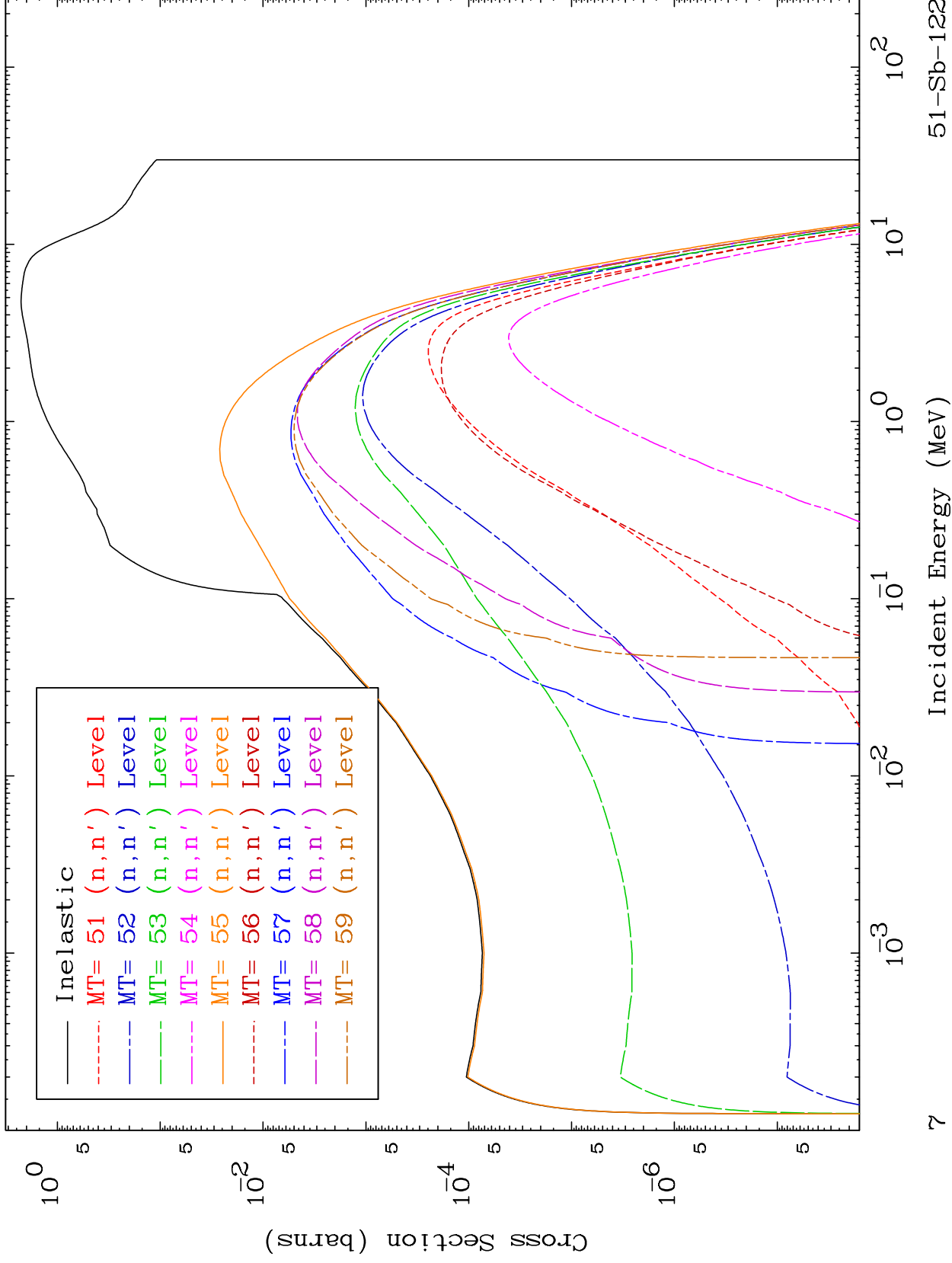
51-Sb-122



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293 Kelvin Cross Sections

51-Sb-122

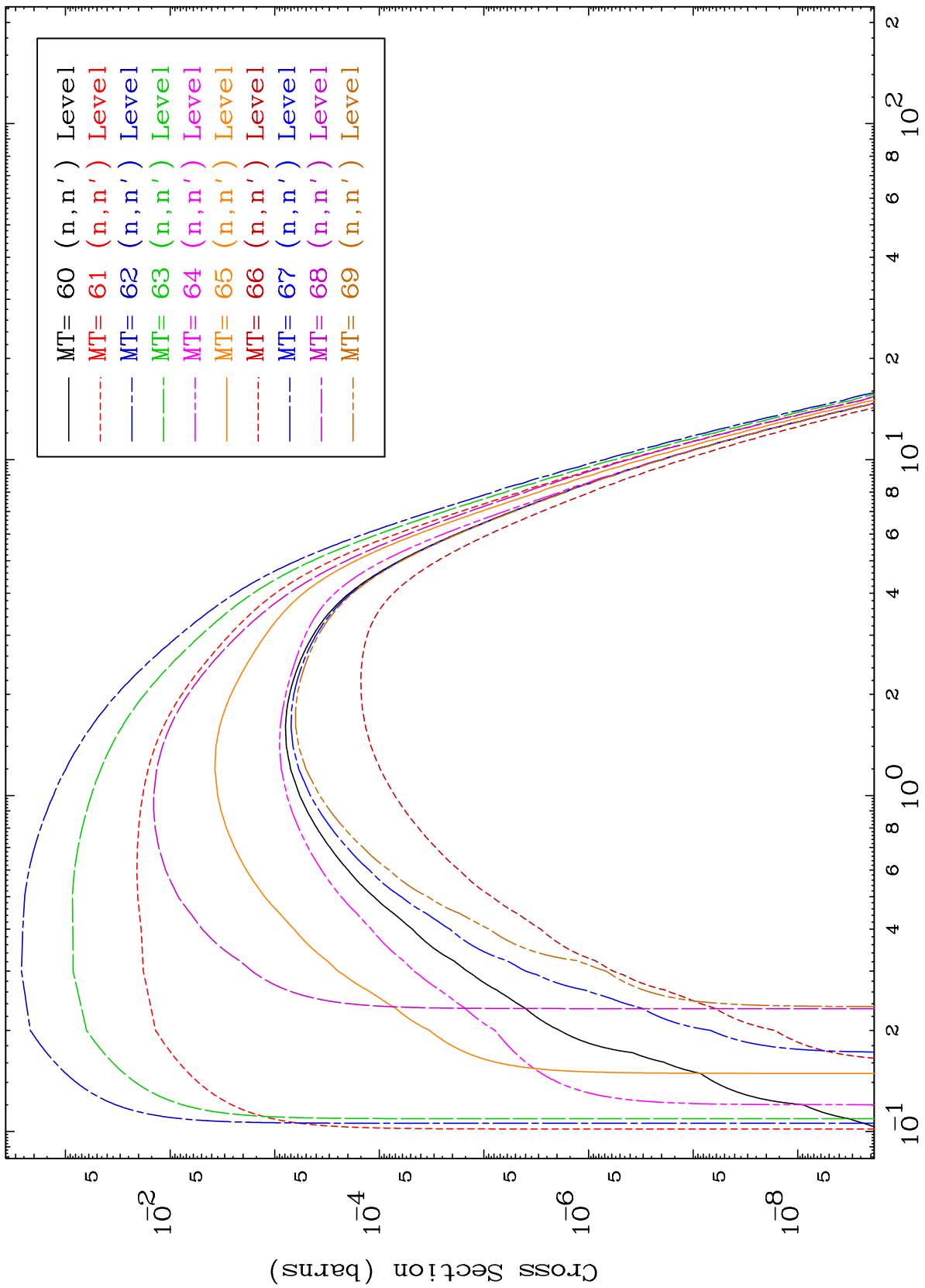


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(n,n') Level

51-Sb-122

293 Kelvin Cross Sections

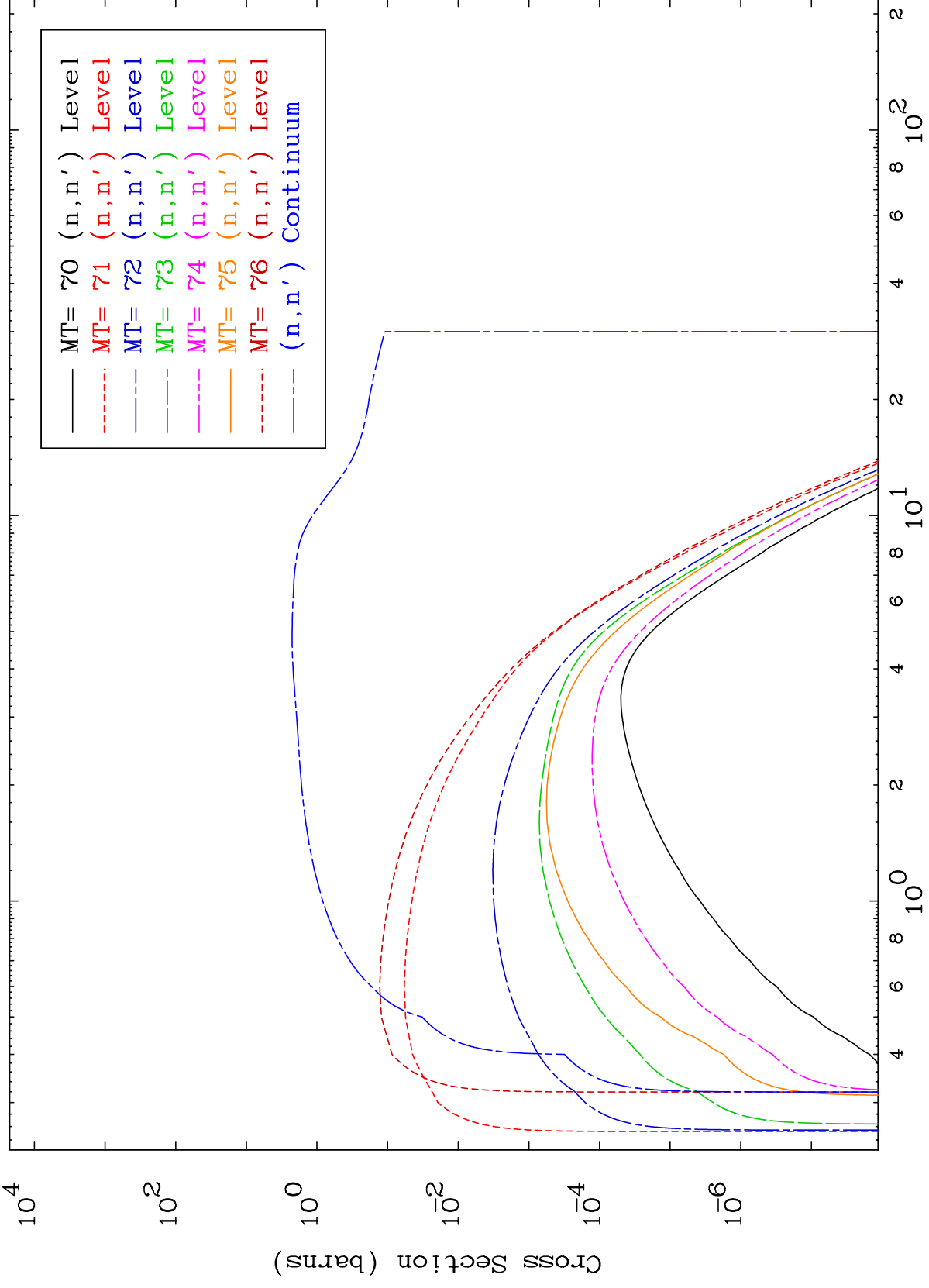


Incident Energy (MeV)

51-Sb-122

8

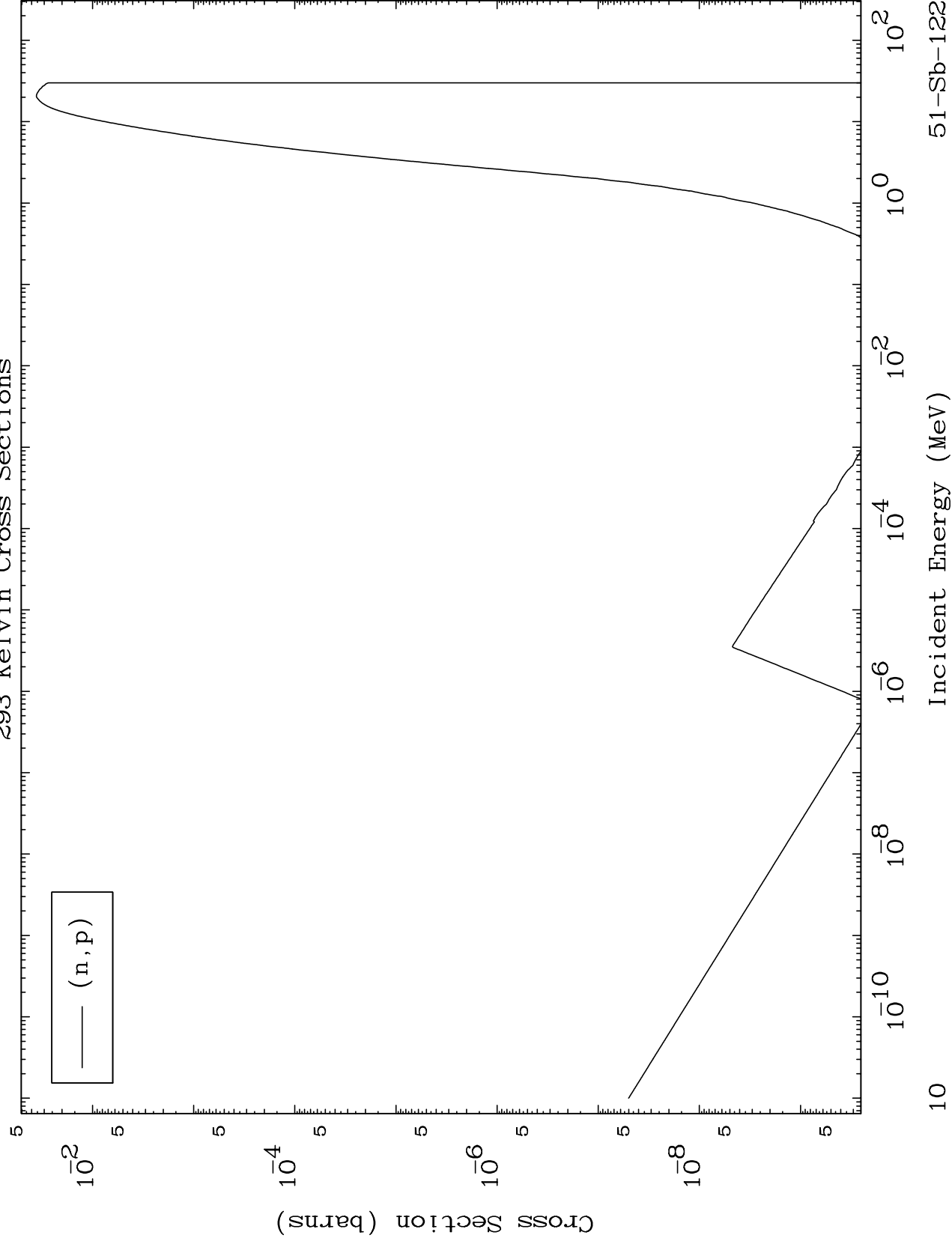
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

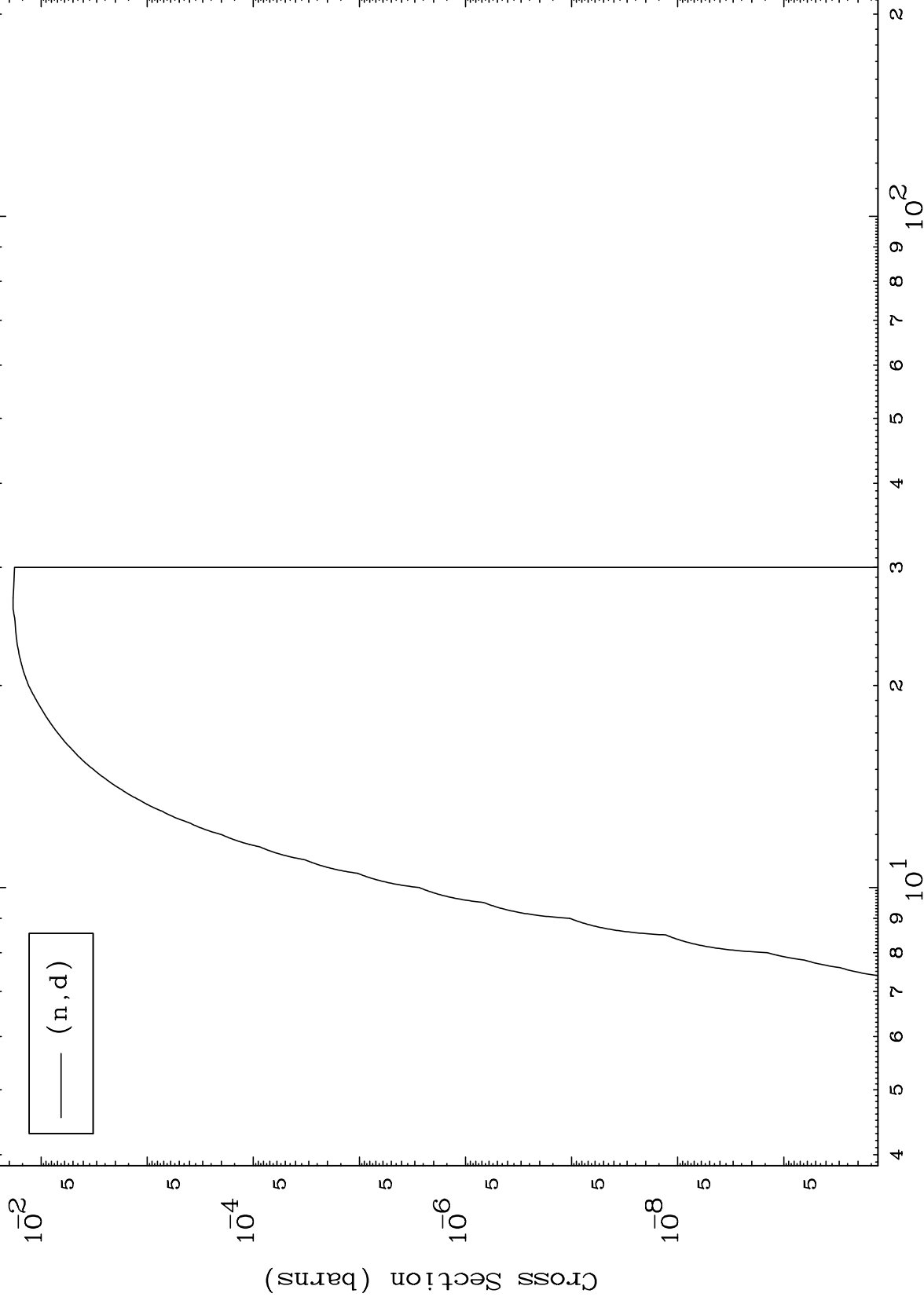
51-Sb-122



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(n,d) Levels
293 Kelvin Cross Sections

51-Sb-122



(n,d)

11

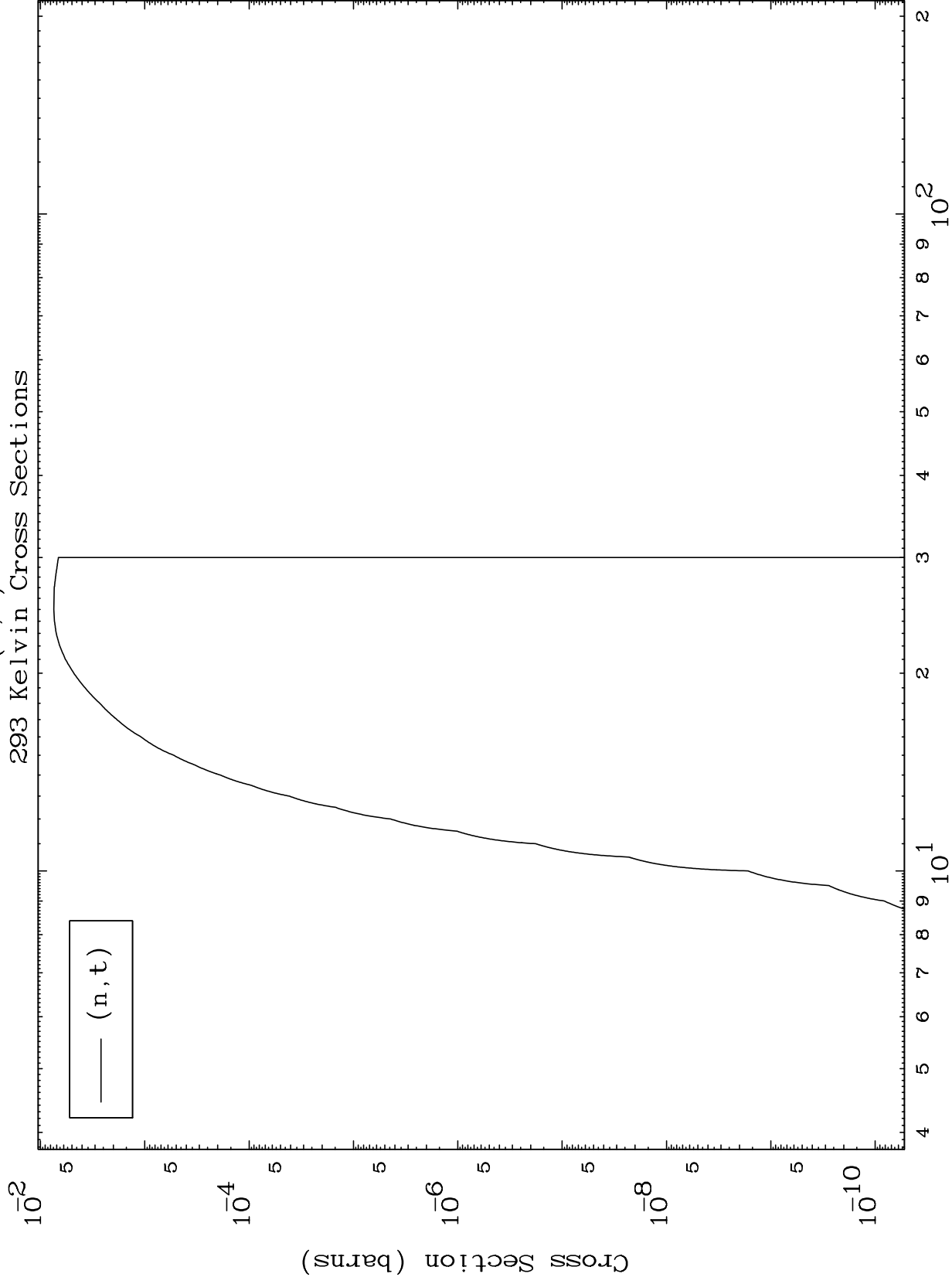
Incident Energy (MeV)

51-Sb-122

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(n,t) Levels
293 Kelvin Cross Sections

51-Sb-122



12

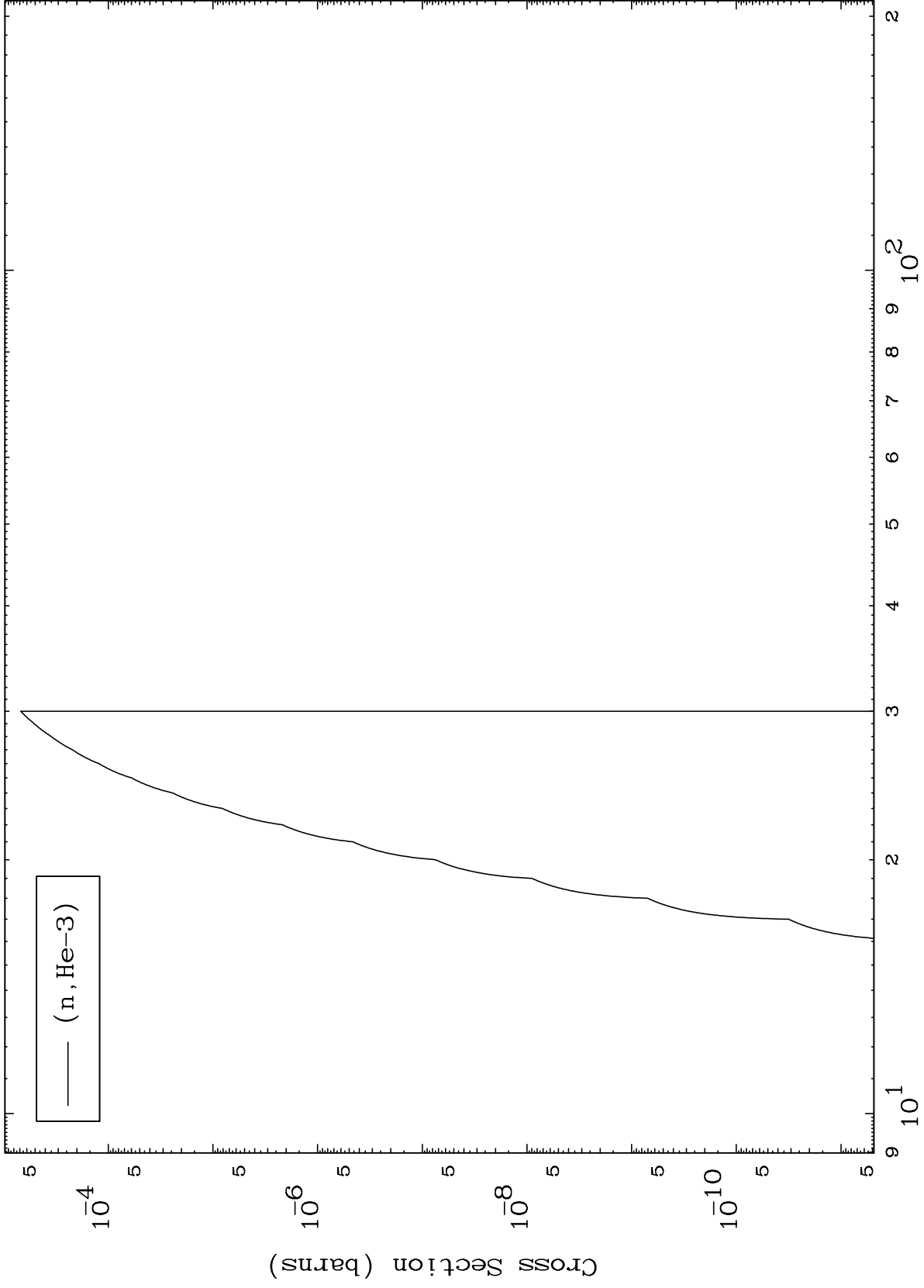
Incident Energy (MeV)

51-Sb-122

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(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-122



13

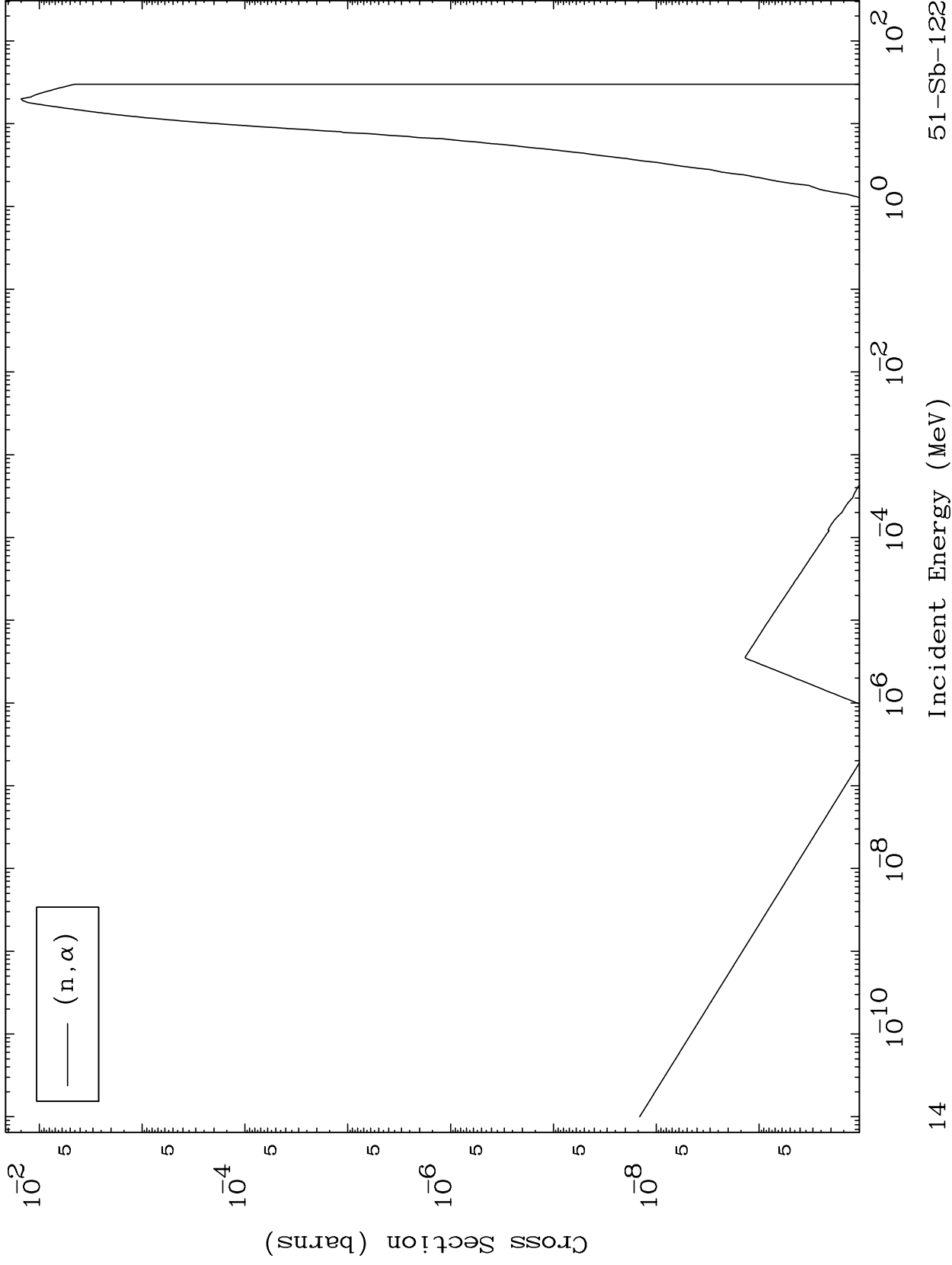
Incident Energy (MeV)

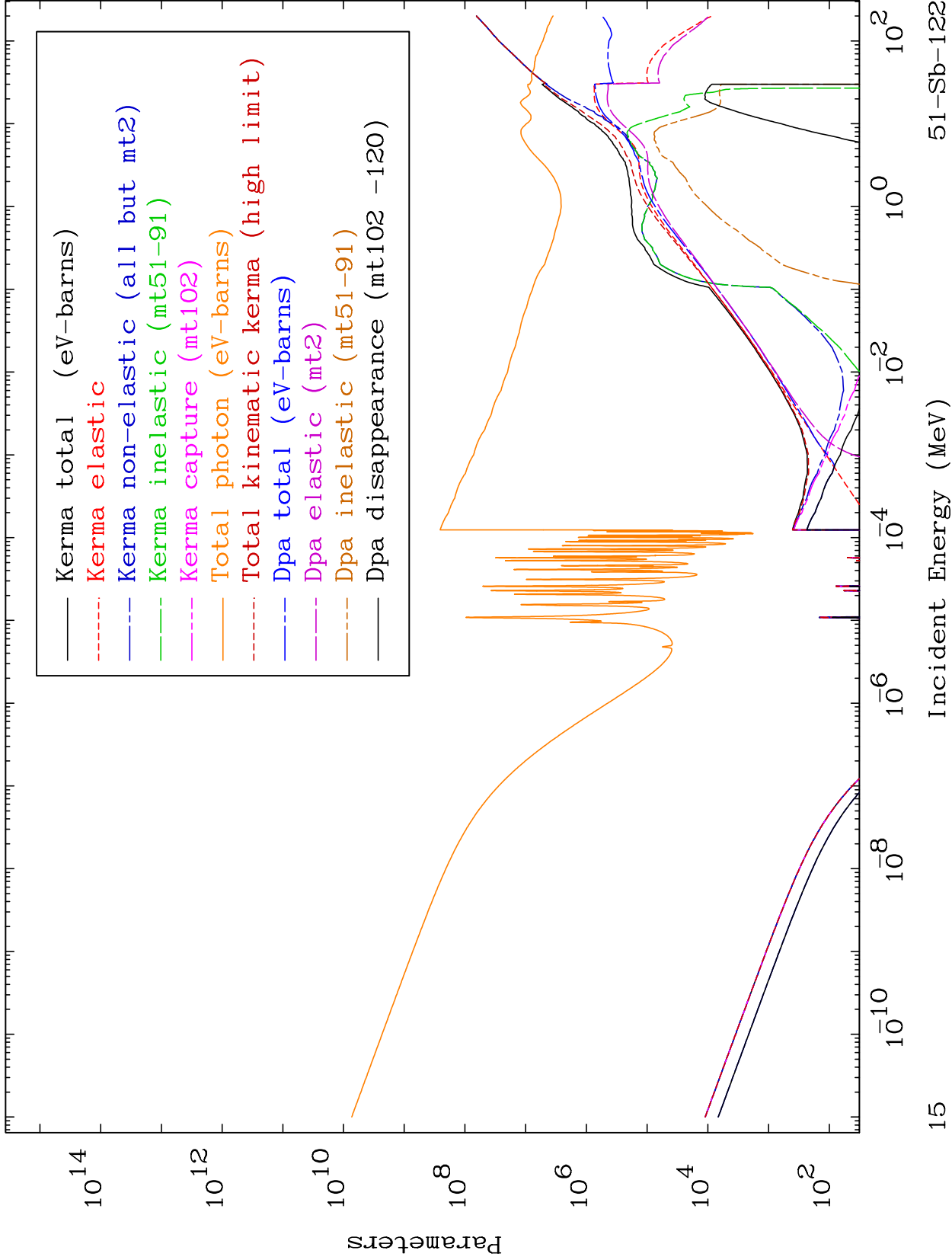
51-Sb-122

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(n, α) Levels
293 Kelvin Cross Sections

51-Sb-122

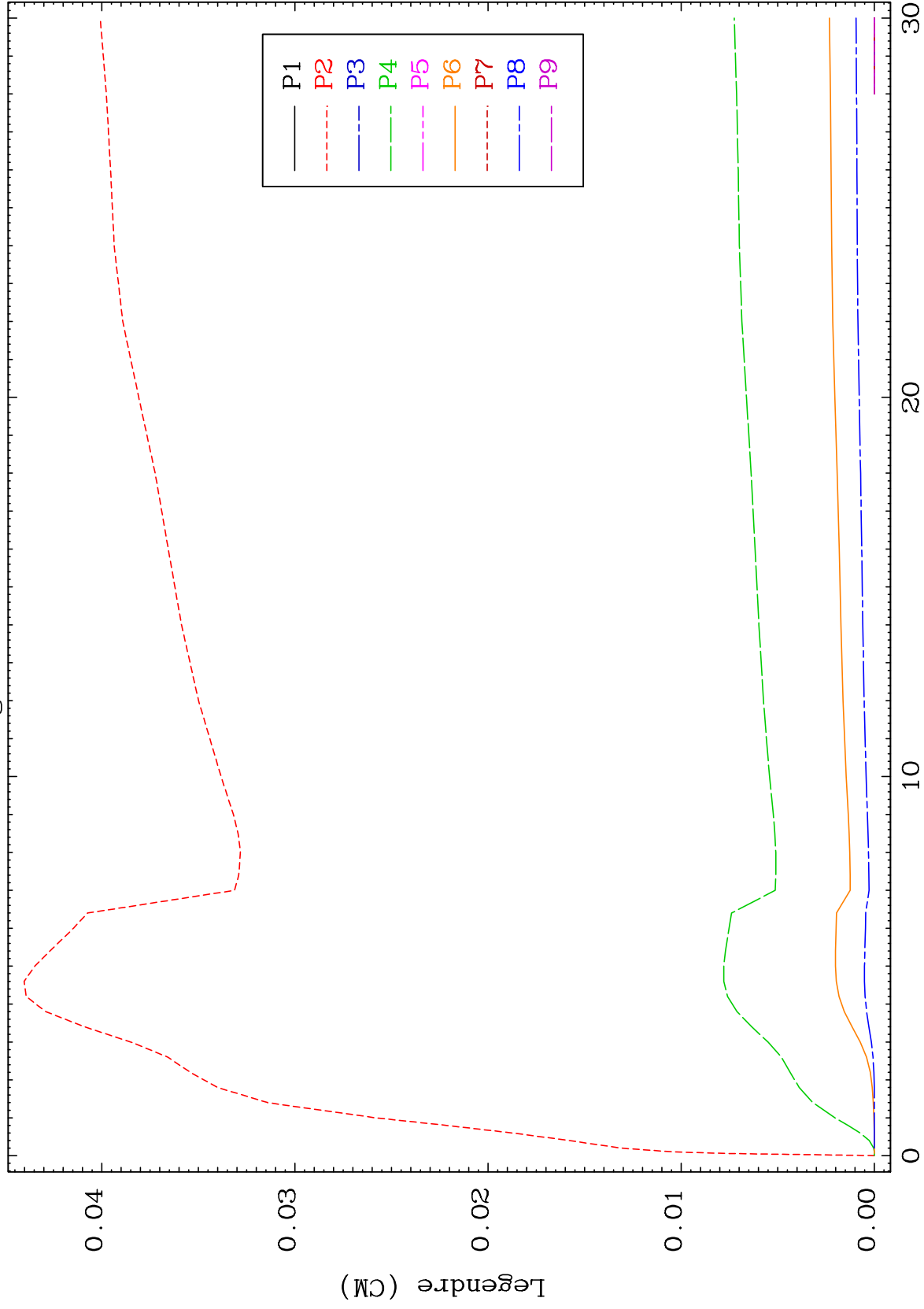




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Elastic Legendre Coefficients

51-Sb-122



16

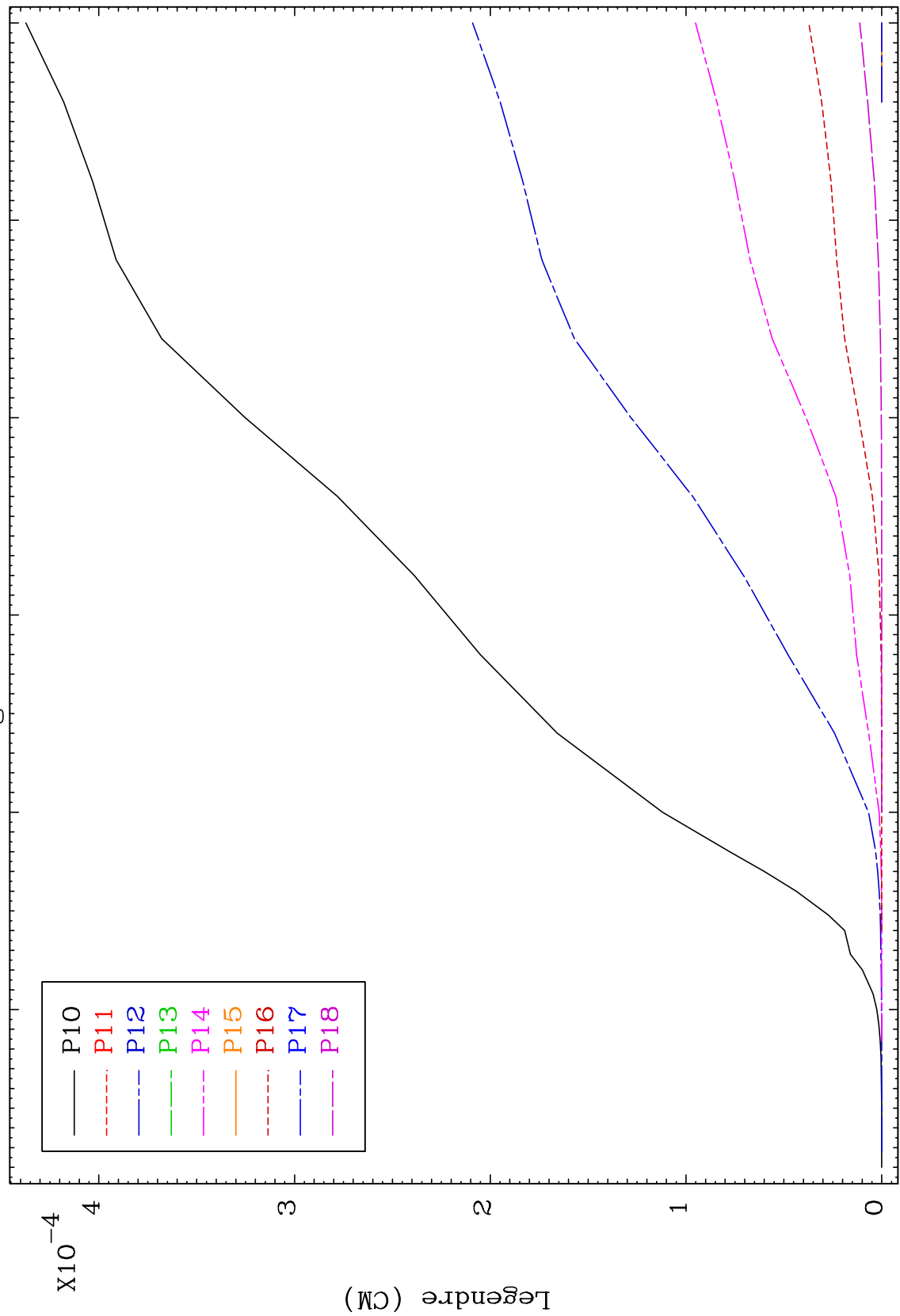
Incident Energy (MeV)

51-Sb-122

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Elastic Legendre Coefficients

51-Sb-122



17

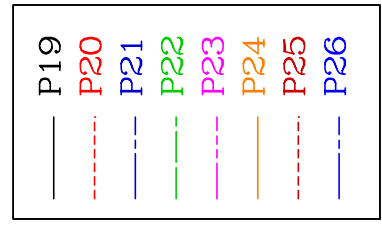
Incident Energy (MeV)

51-Sb-122

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Elastic Legendre Coefficients

51-Sb-122



$\times 10^{-7}$

Legendre (CM)

4

2

0

15

20

25

30

18

Incident Energy (MeV)

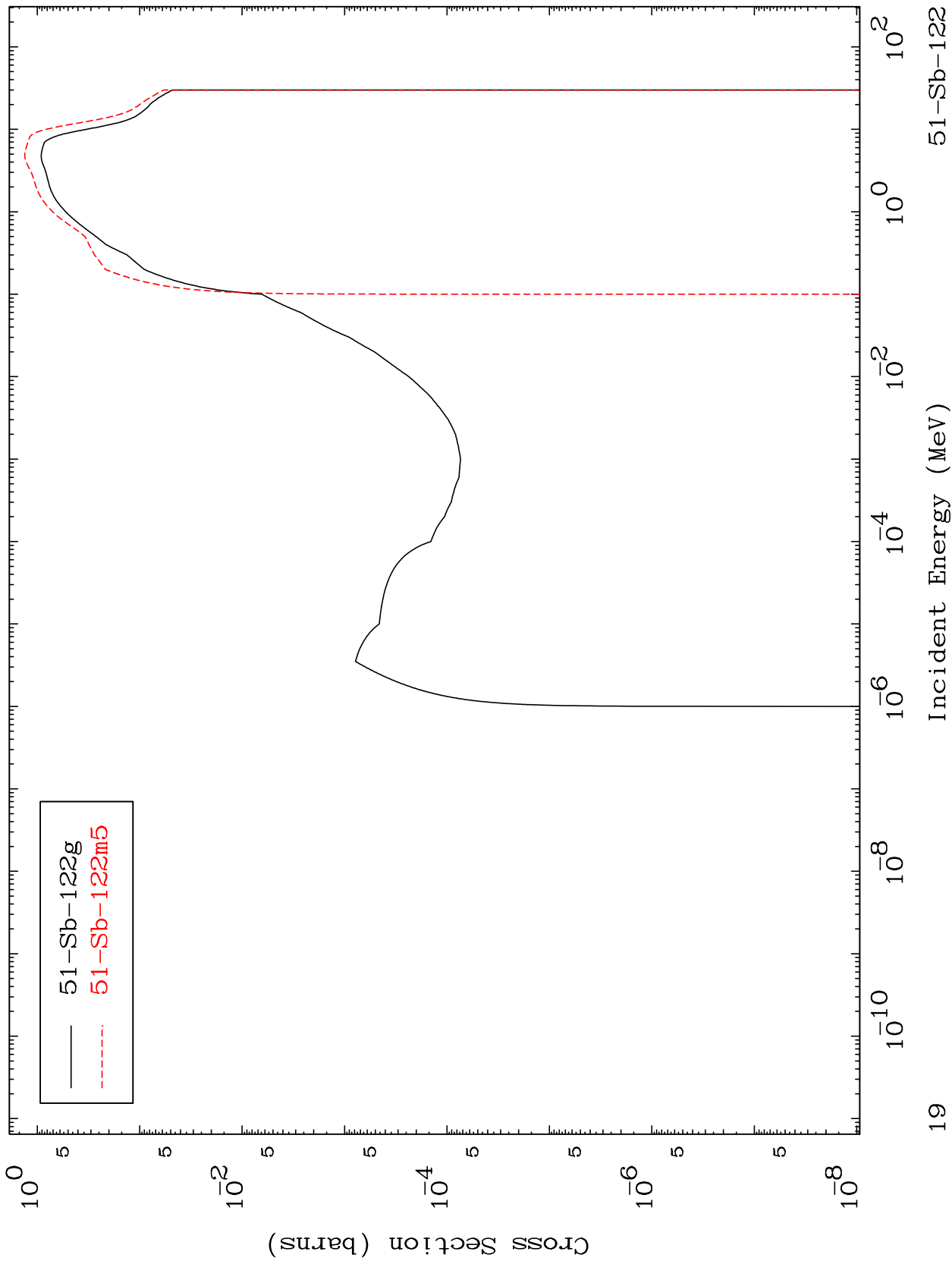
51-Sb-122



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51-Sb-122

Inelastic
Radionuclide Production Cross Section

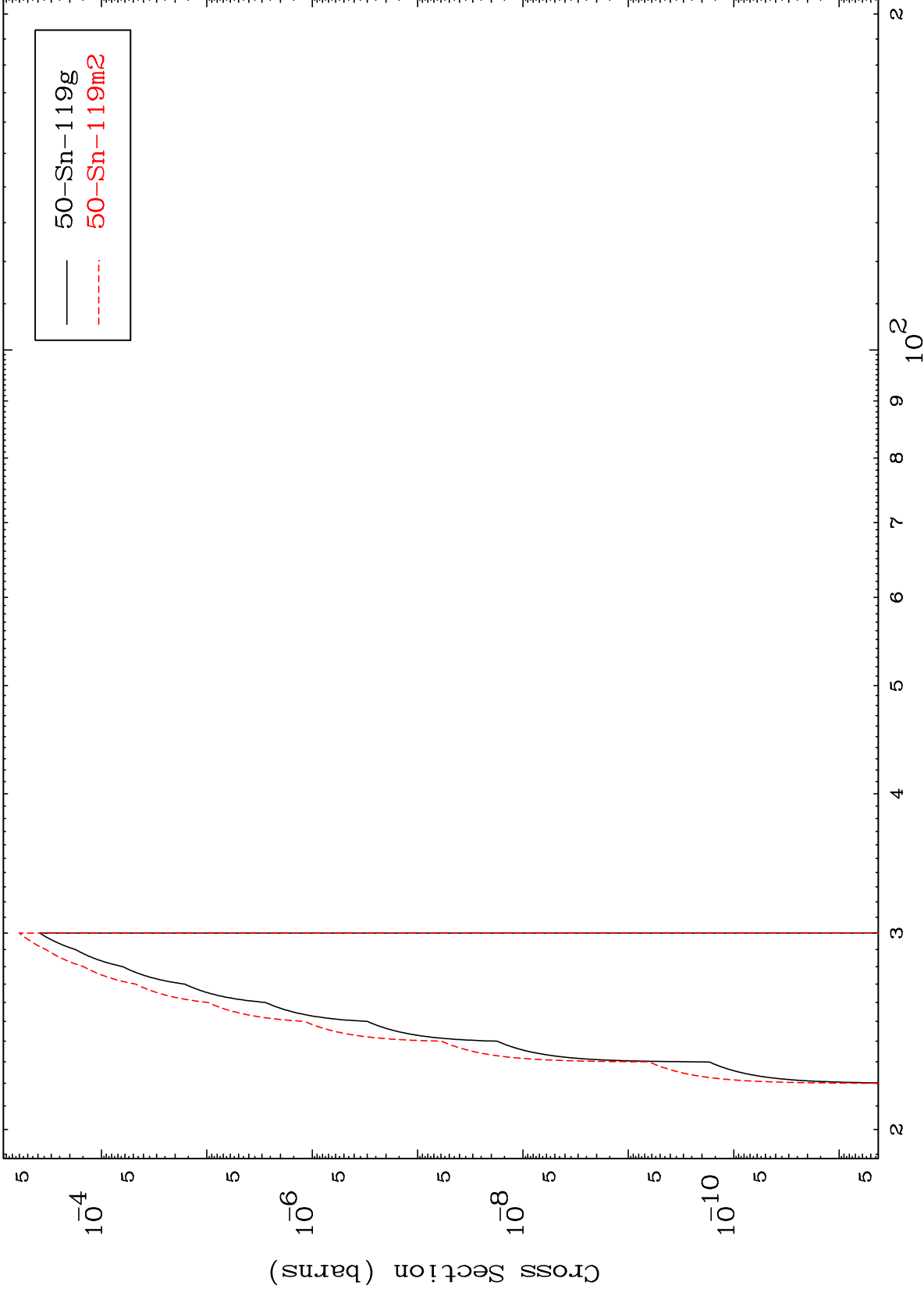


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(n,2n) d

51-Sb-122

Radionuclide Production Cross Section



50-Sn-119g
50-Sn-119m2

20

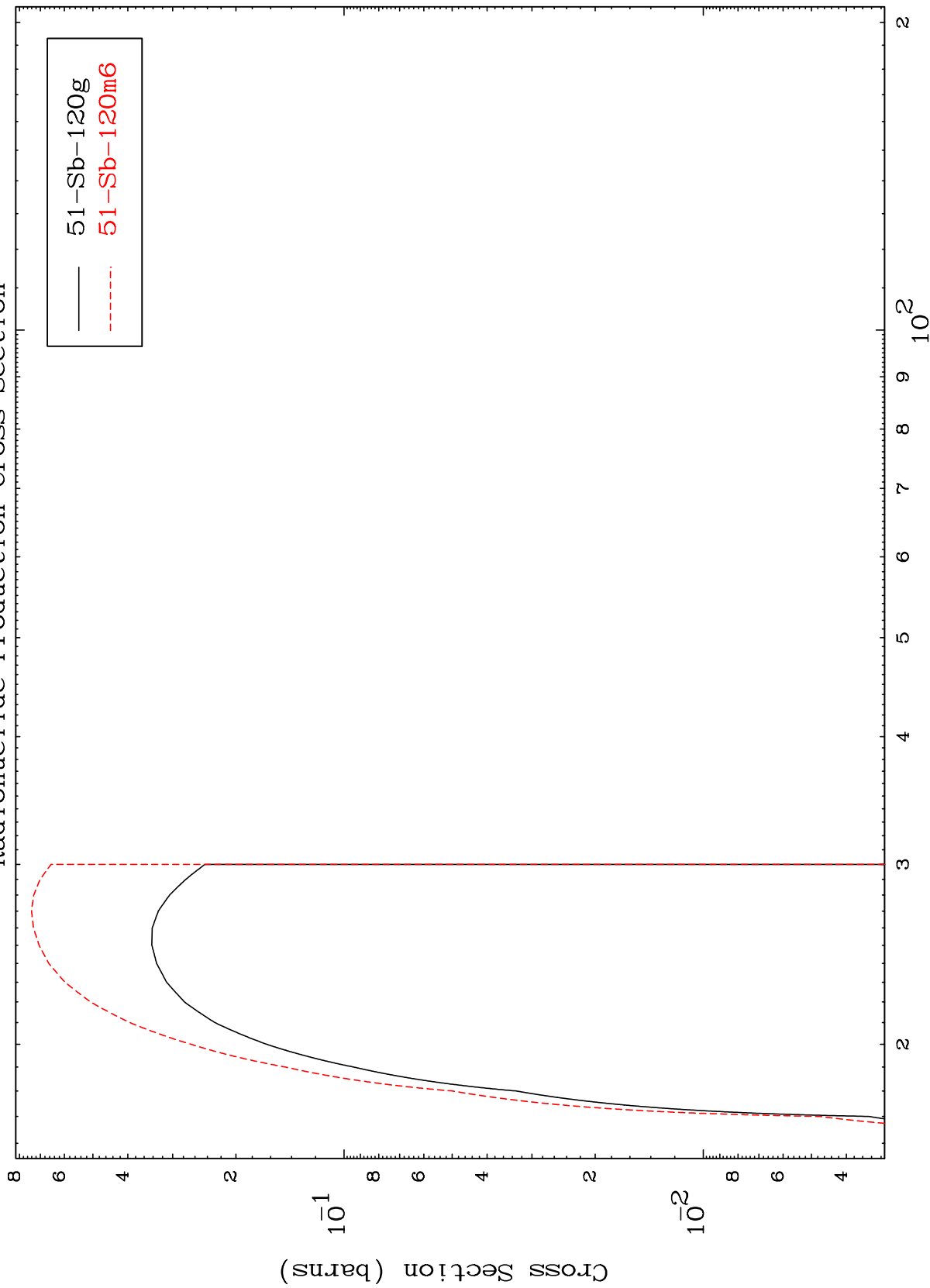
Incident Energy (MeV)

51-Sb-122

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51-Sb-122

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

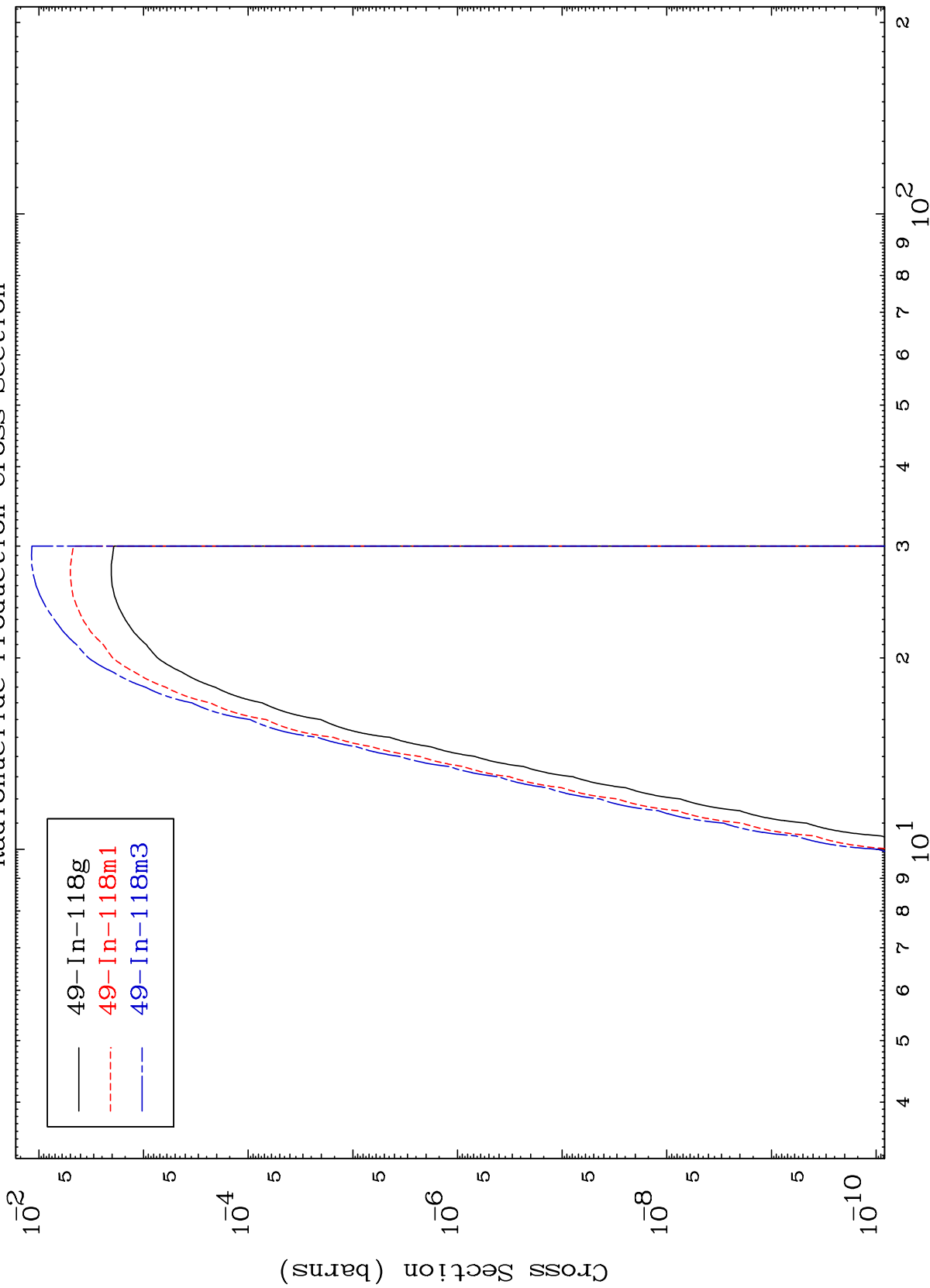
51-Sb-122

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51-Sb-122

(n,n') α

Radionuclide Production Cross Section



51-Sb-122

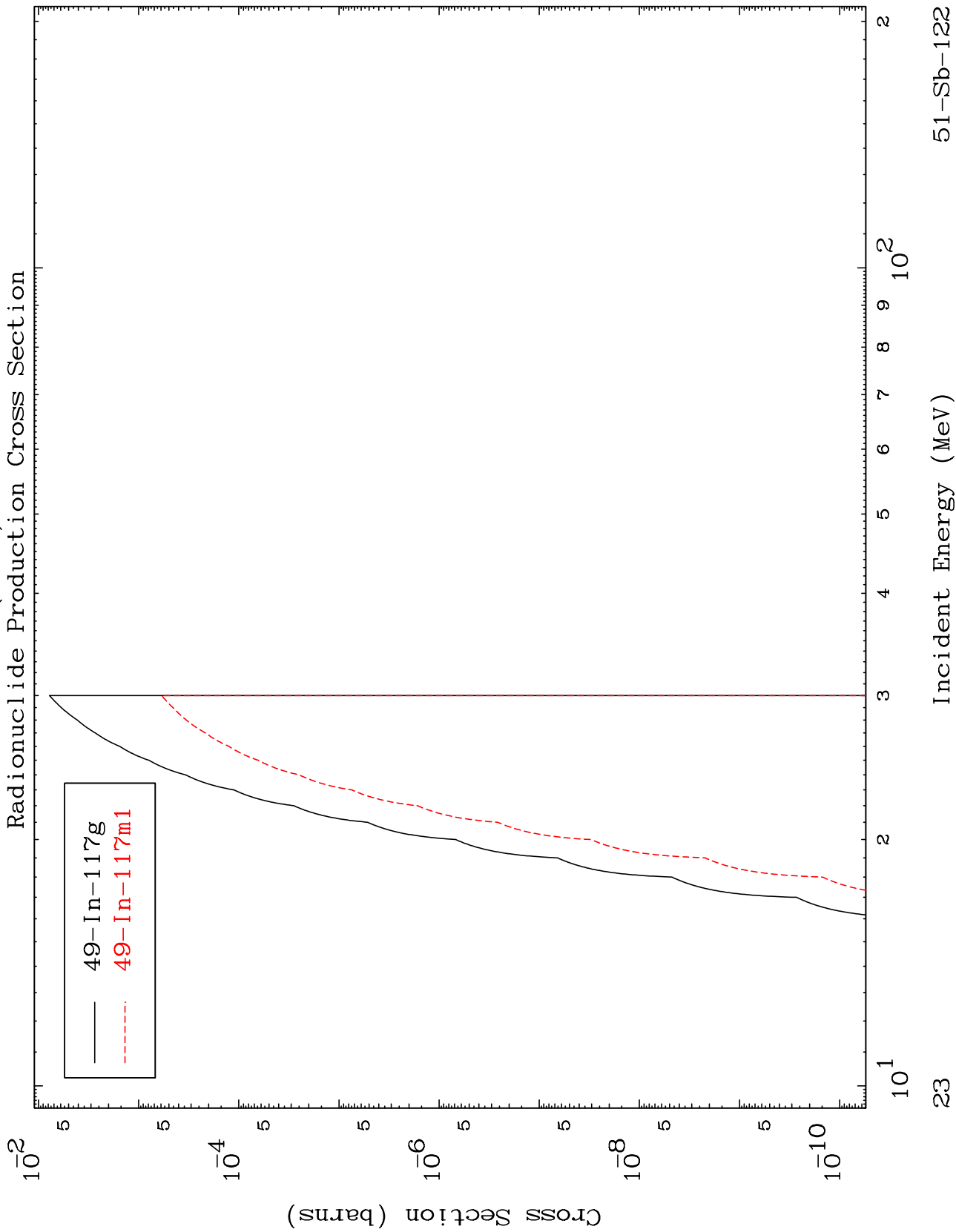
Incident Energy (MeV)

22

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(n,2n) α

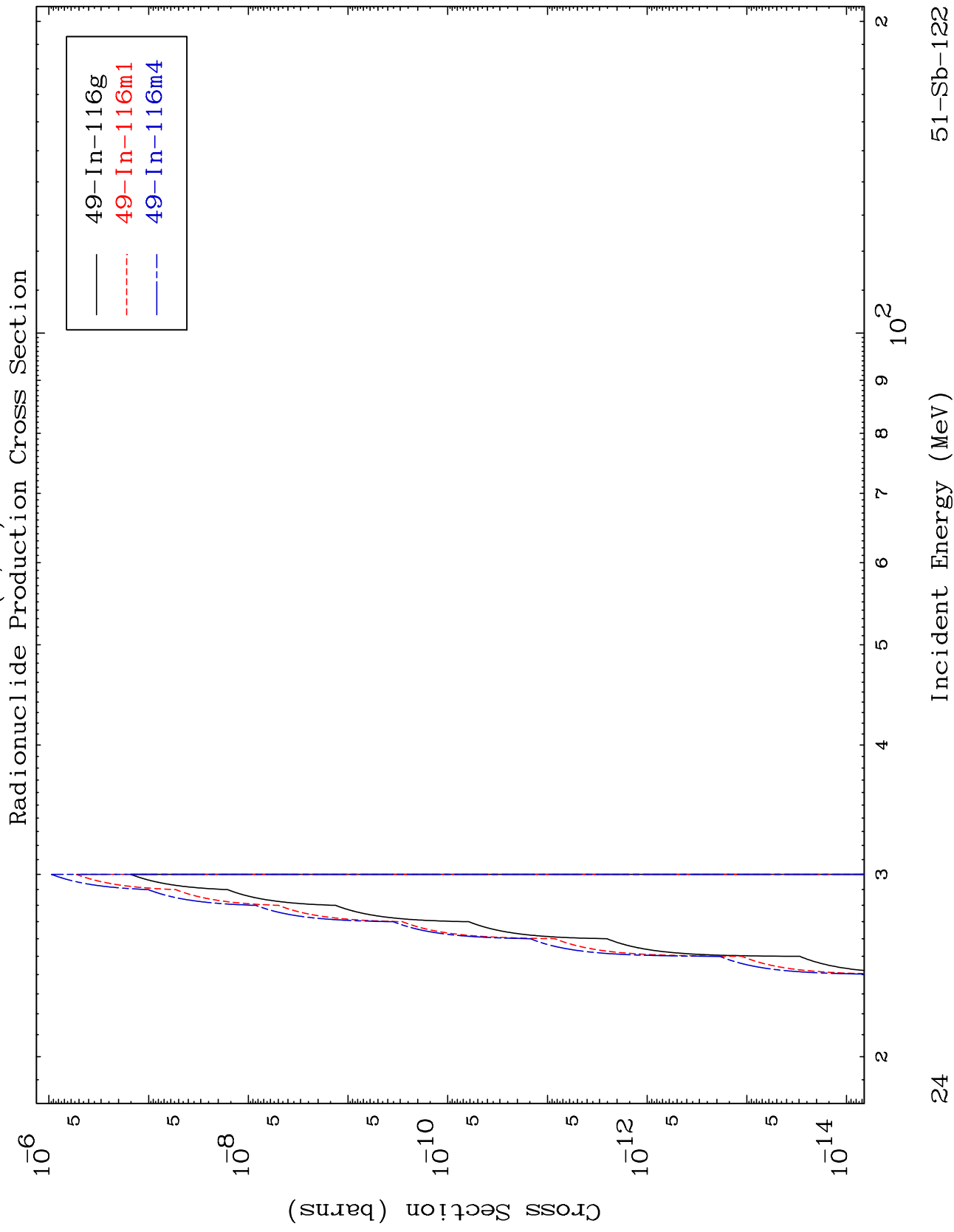
51-Sb-122



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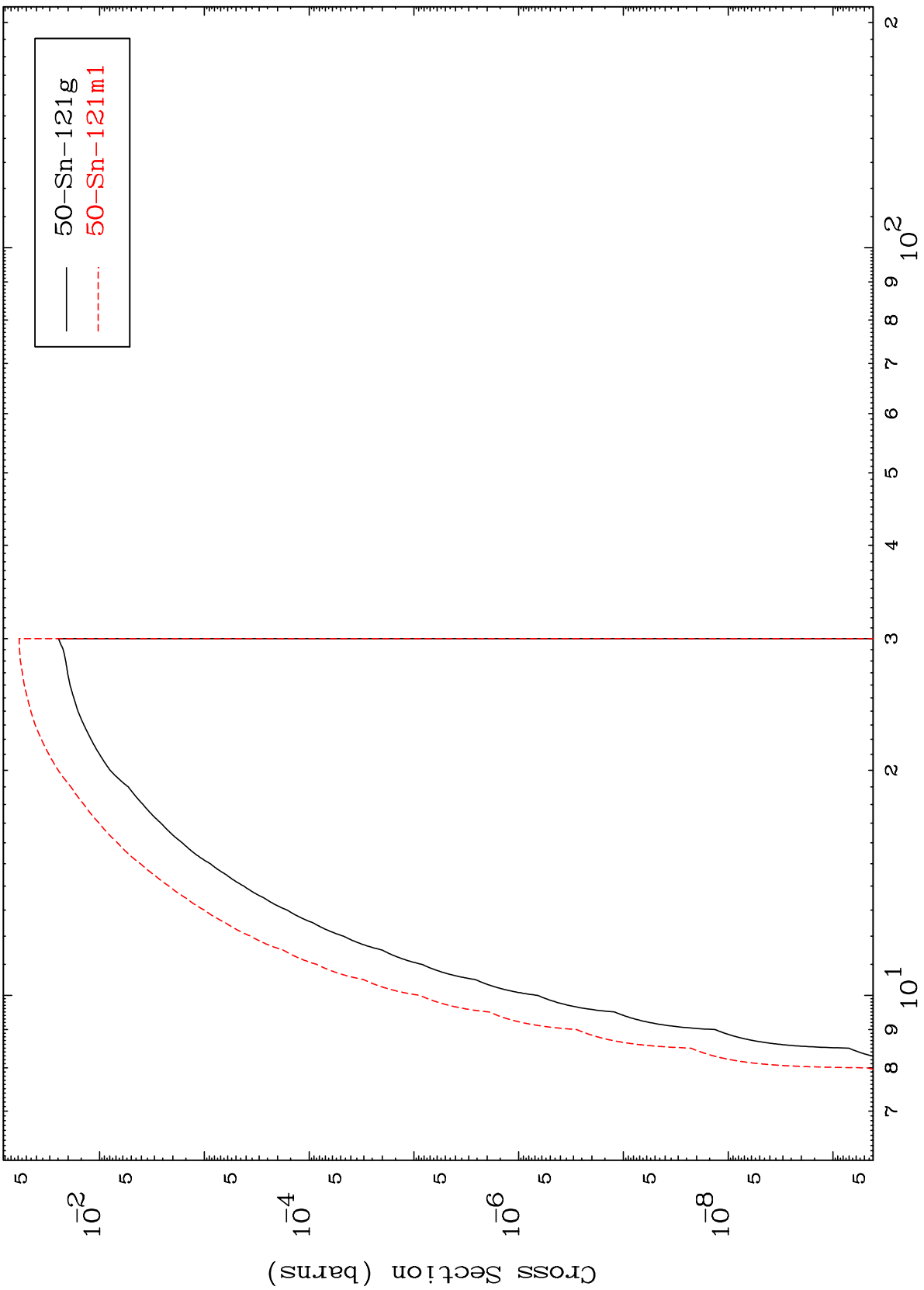
(n,3n) α

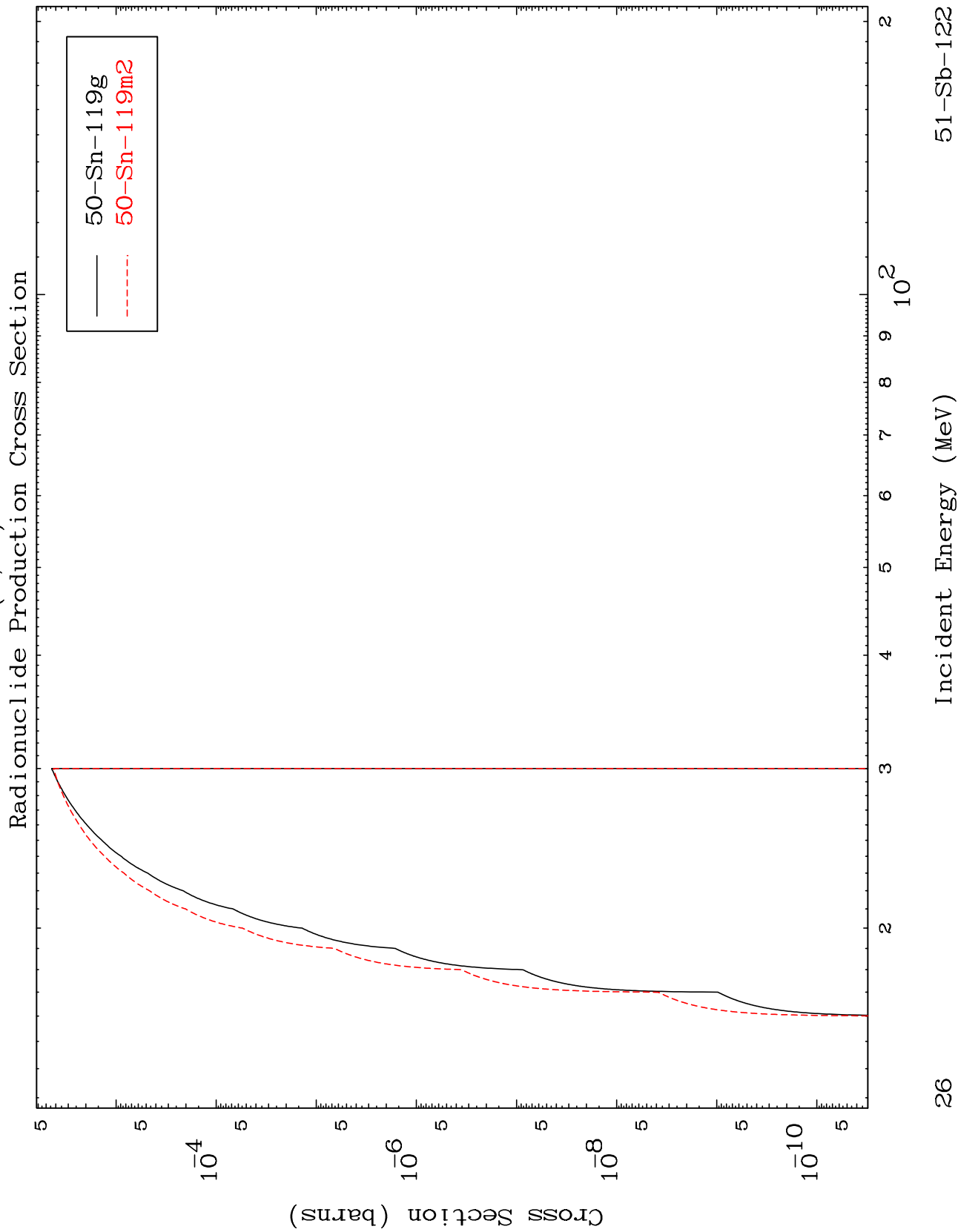
51-Sb-122

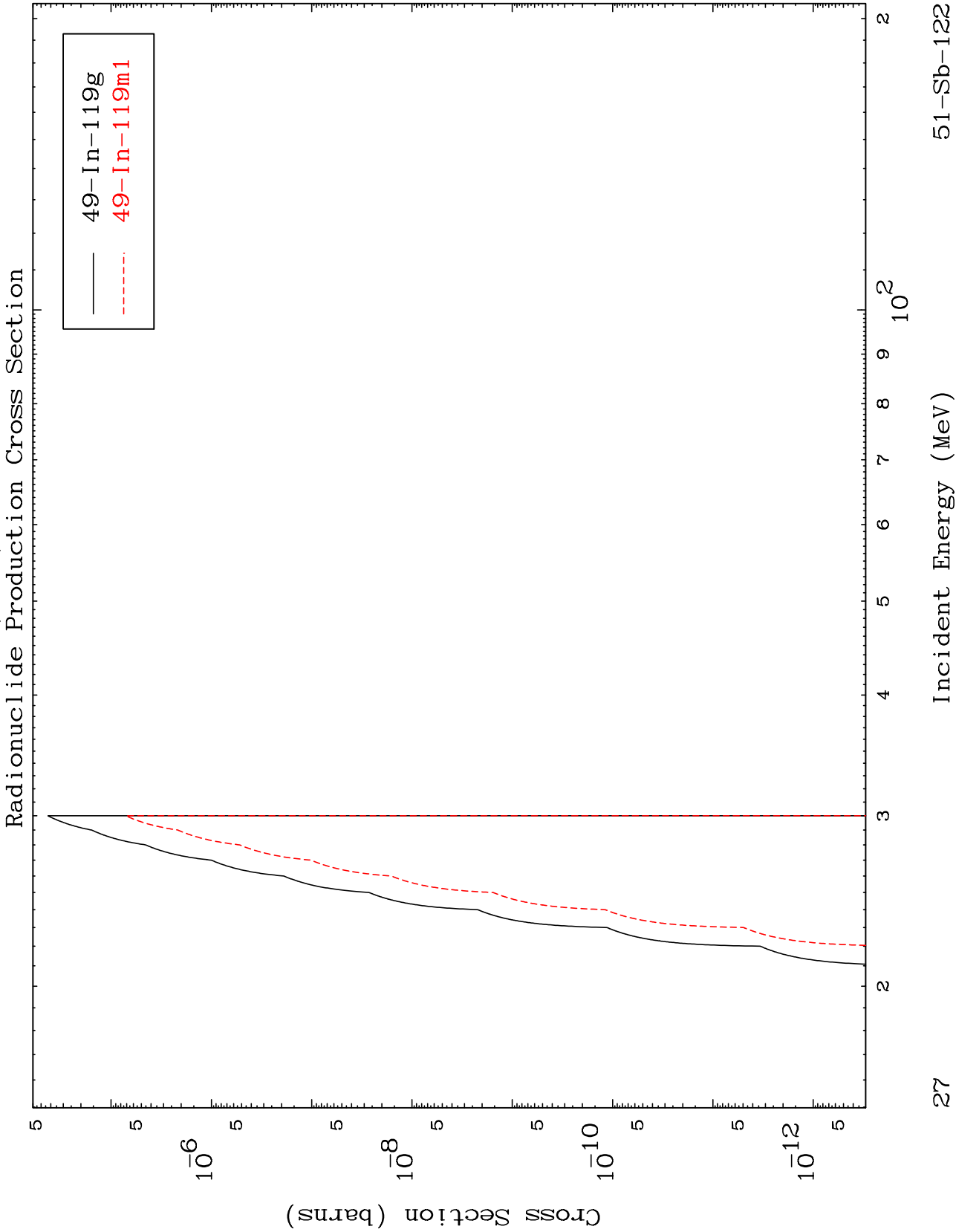


24

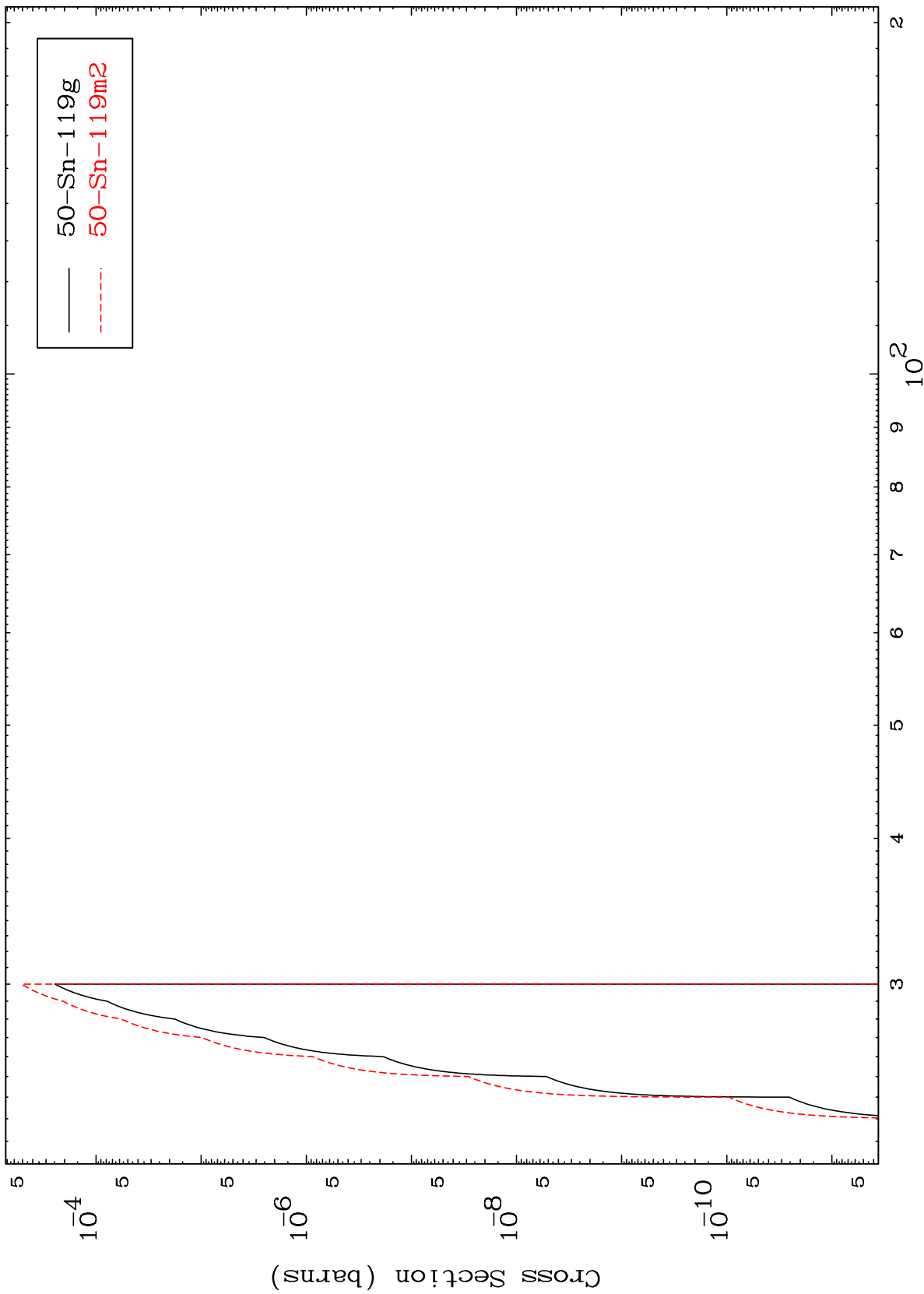
(n,n') p
Radionuclide Production Cross Section



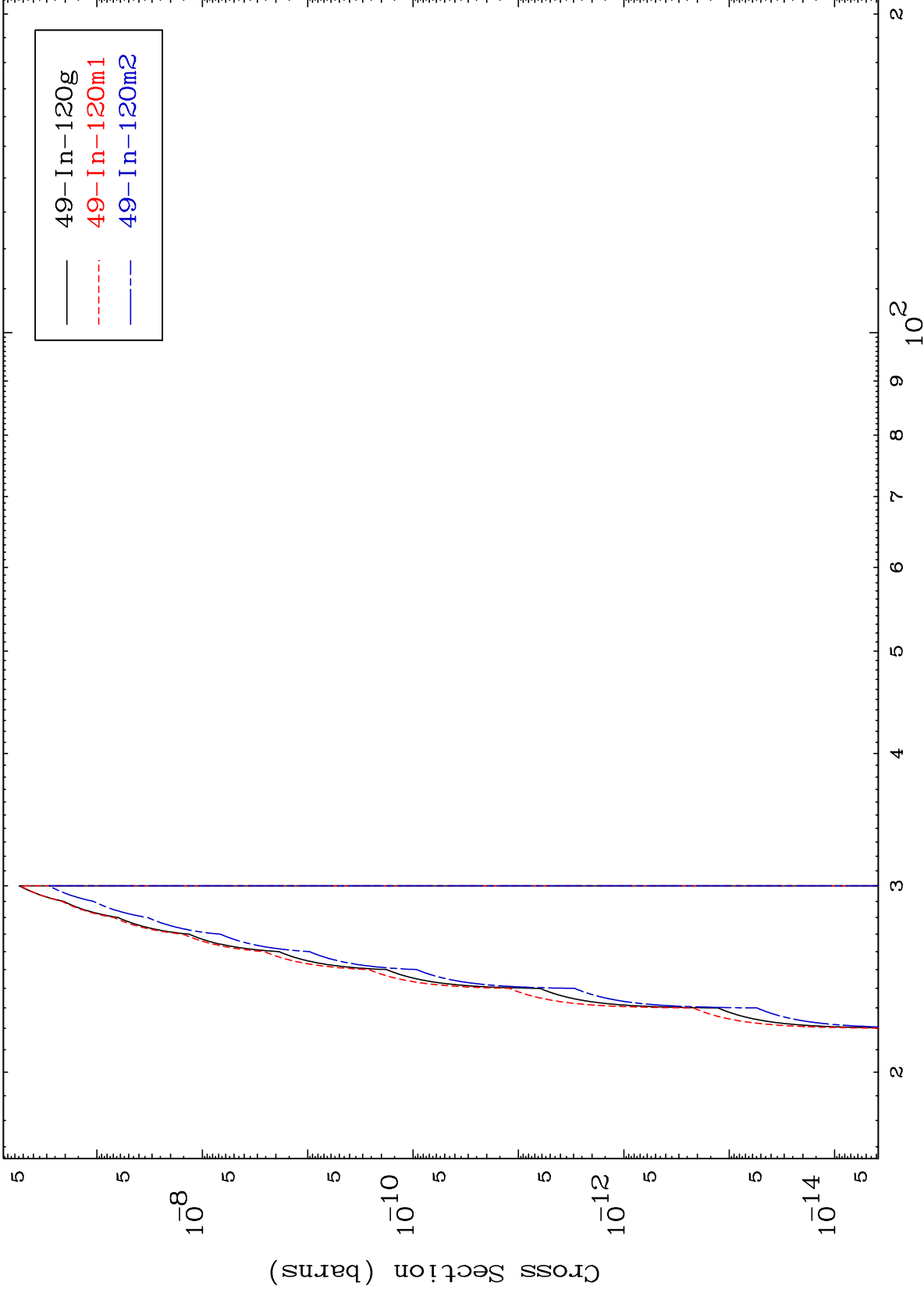




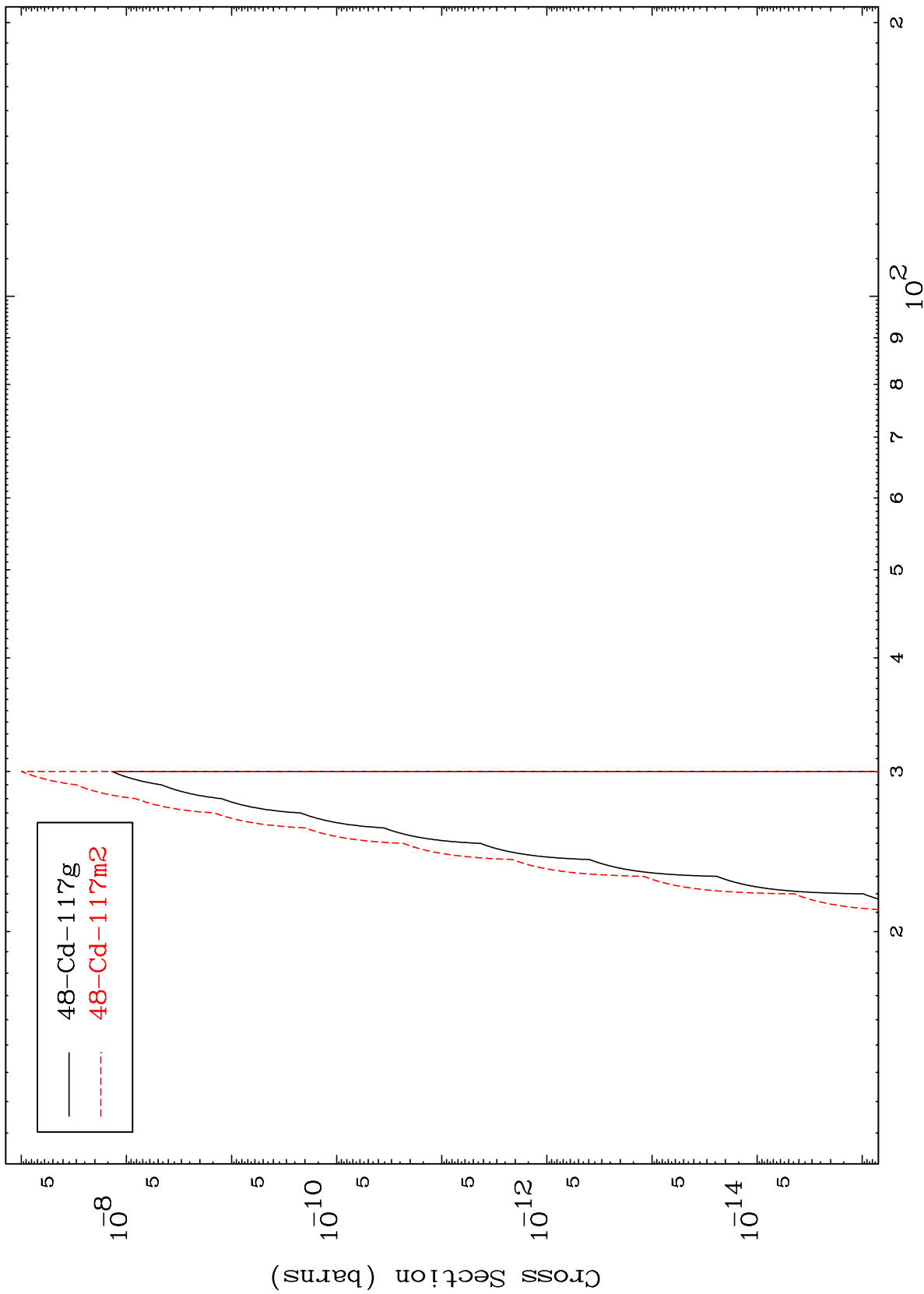
Radionuclide Production Cross Section



Radionuclide Production Cross Section



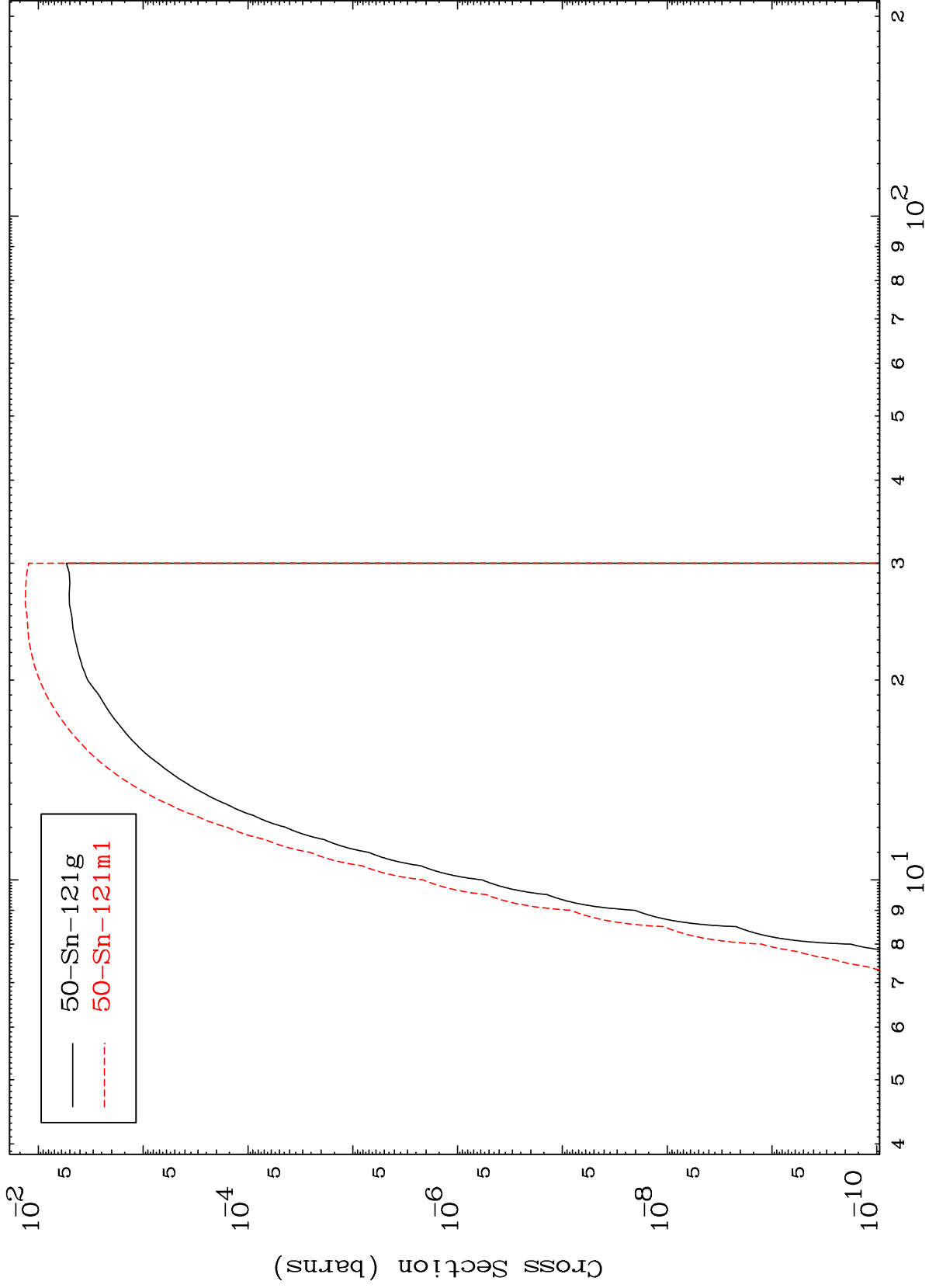
Radionuclide Production Cross Section



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51-Sb-122

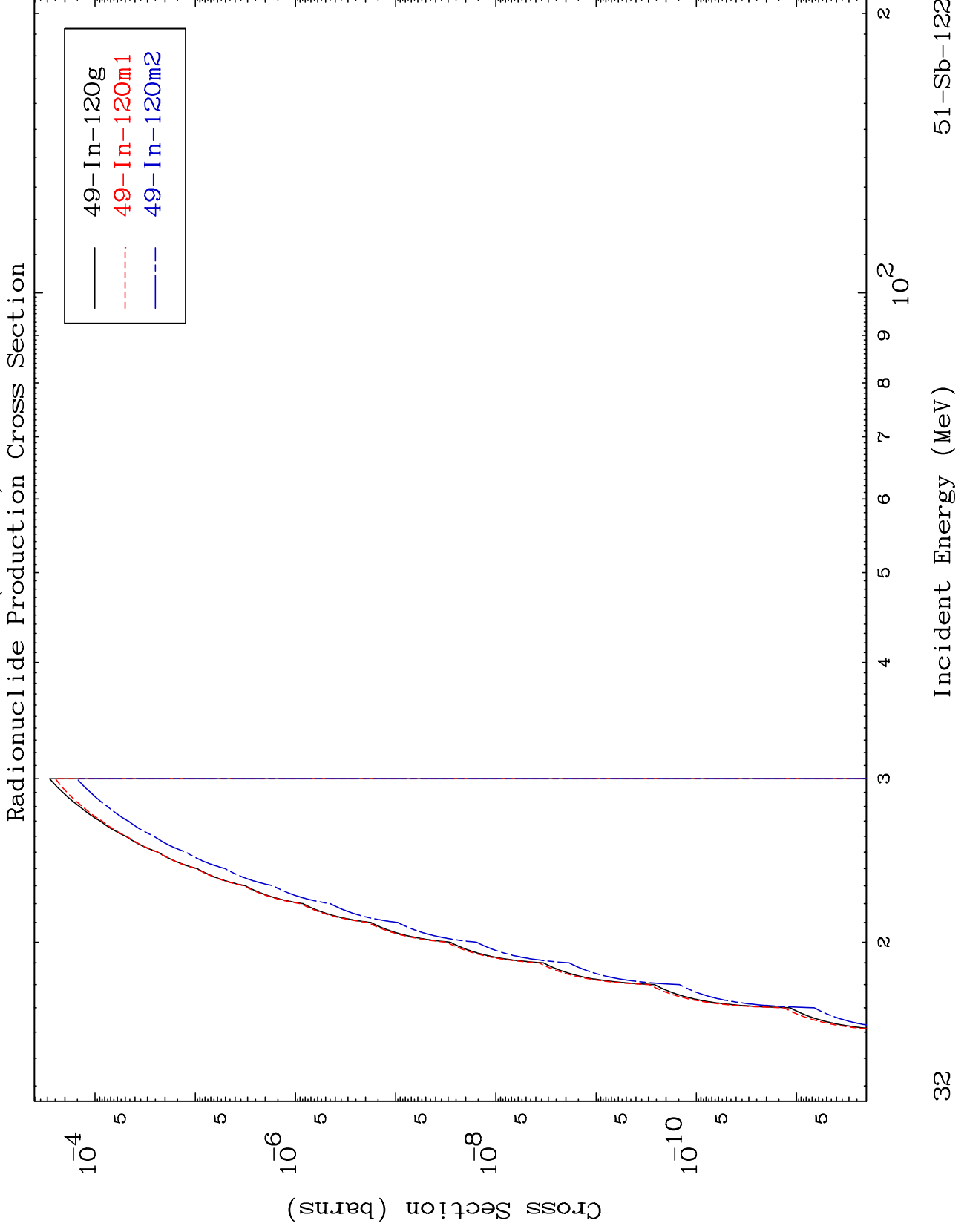
(n,d)
Radionuclide Production Cross Section



31

Incident Energy (MeV)

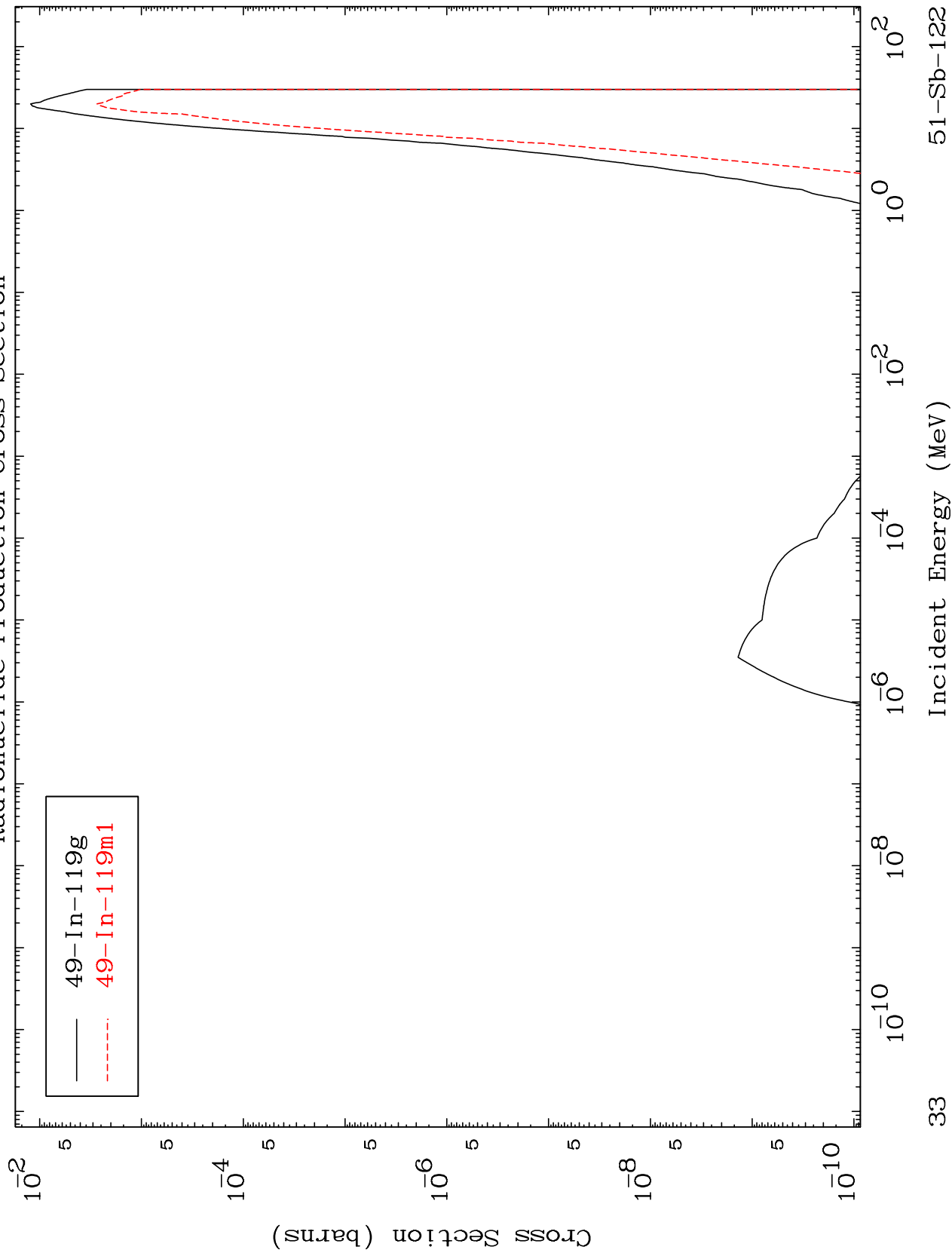
51-Sb-122



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51-Sb-122

(n, α)
Radionuclide Production Cross Section

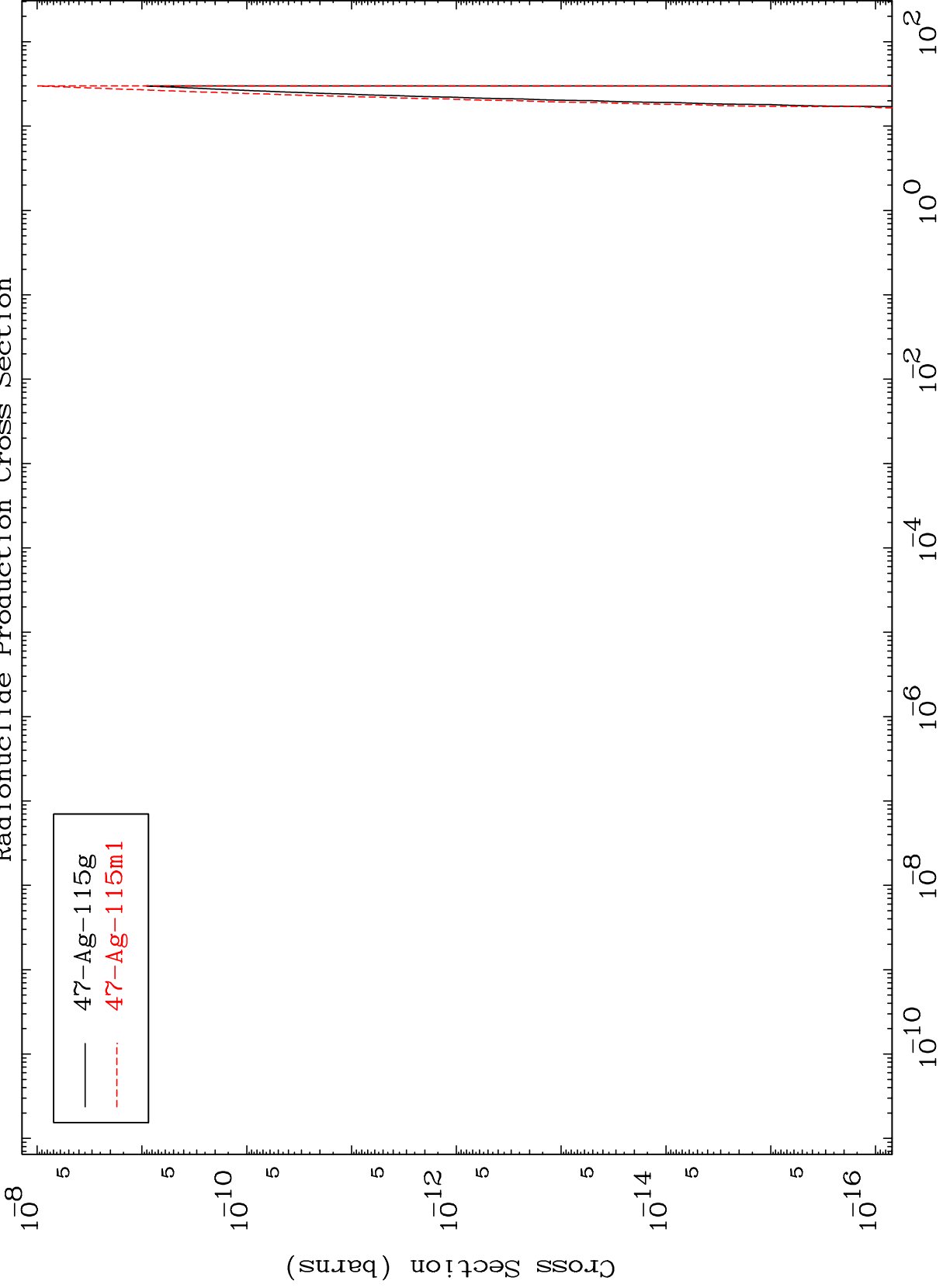


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(n,2α)

51-Sb-122

Radionuclide Production Cross Section



34

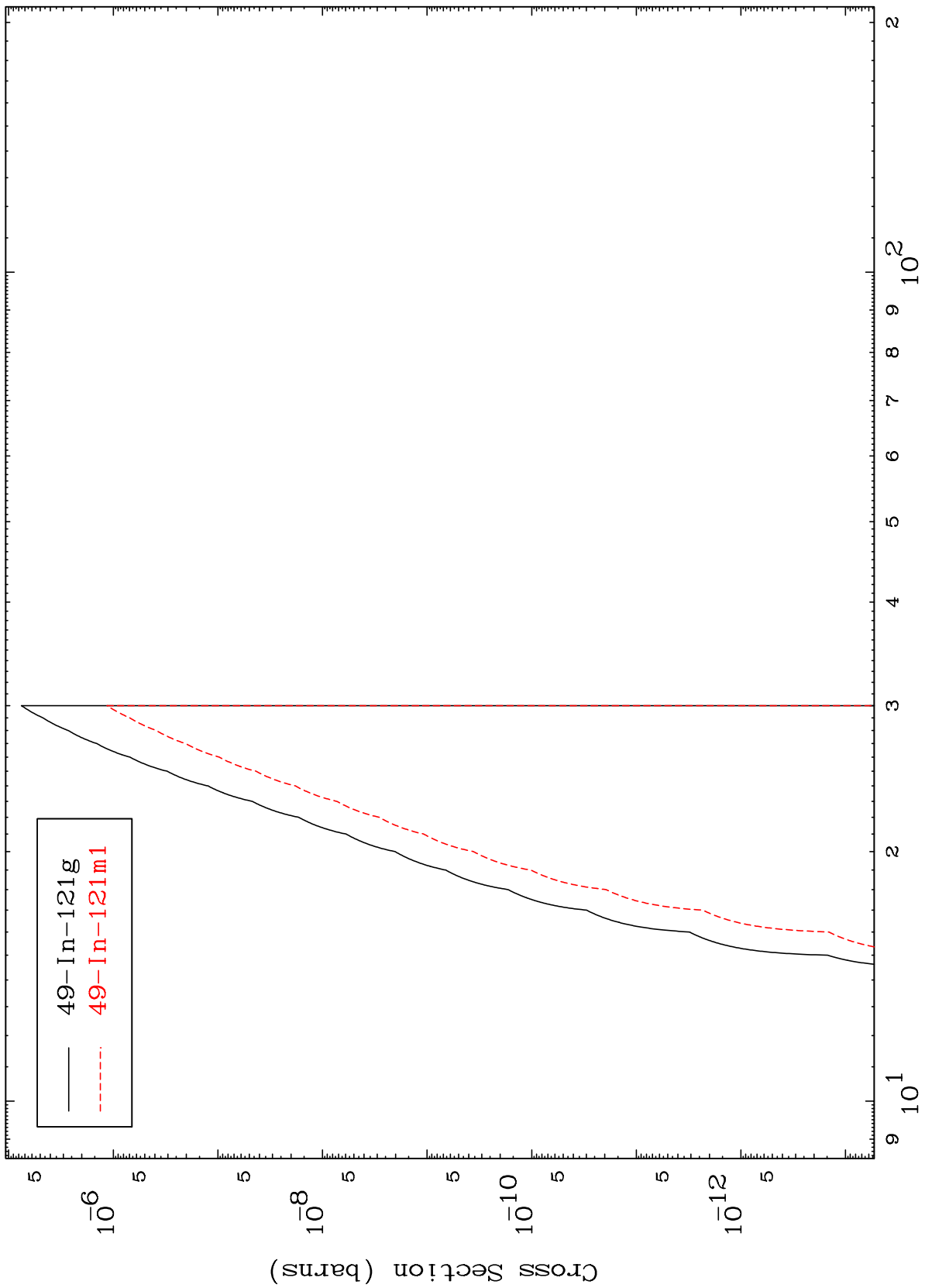
Incident Energy (MeV)

51-Sb-122

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51-Sb-122

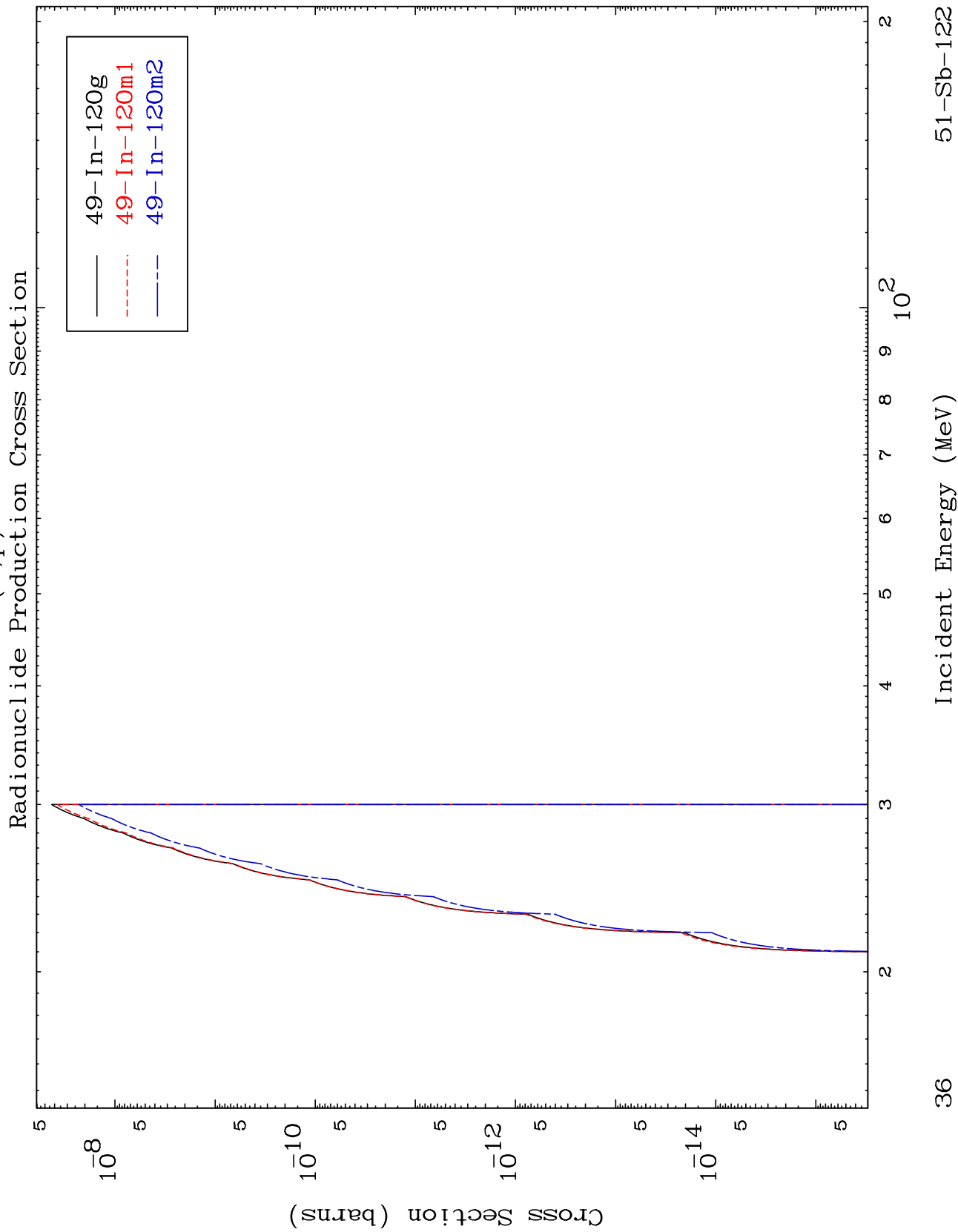
(n,2p)
Radionuclide Production Cross Section



51-Sb-122

Incident Energy (MeV)

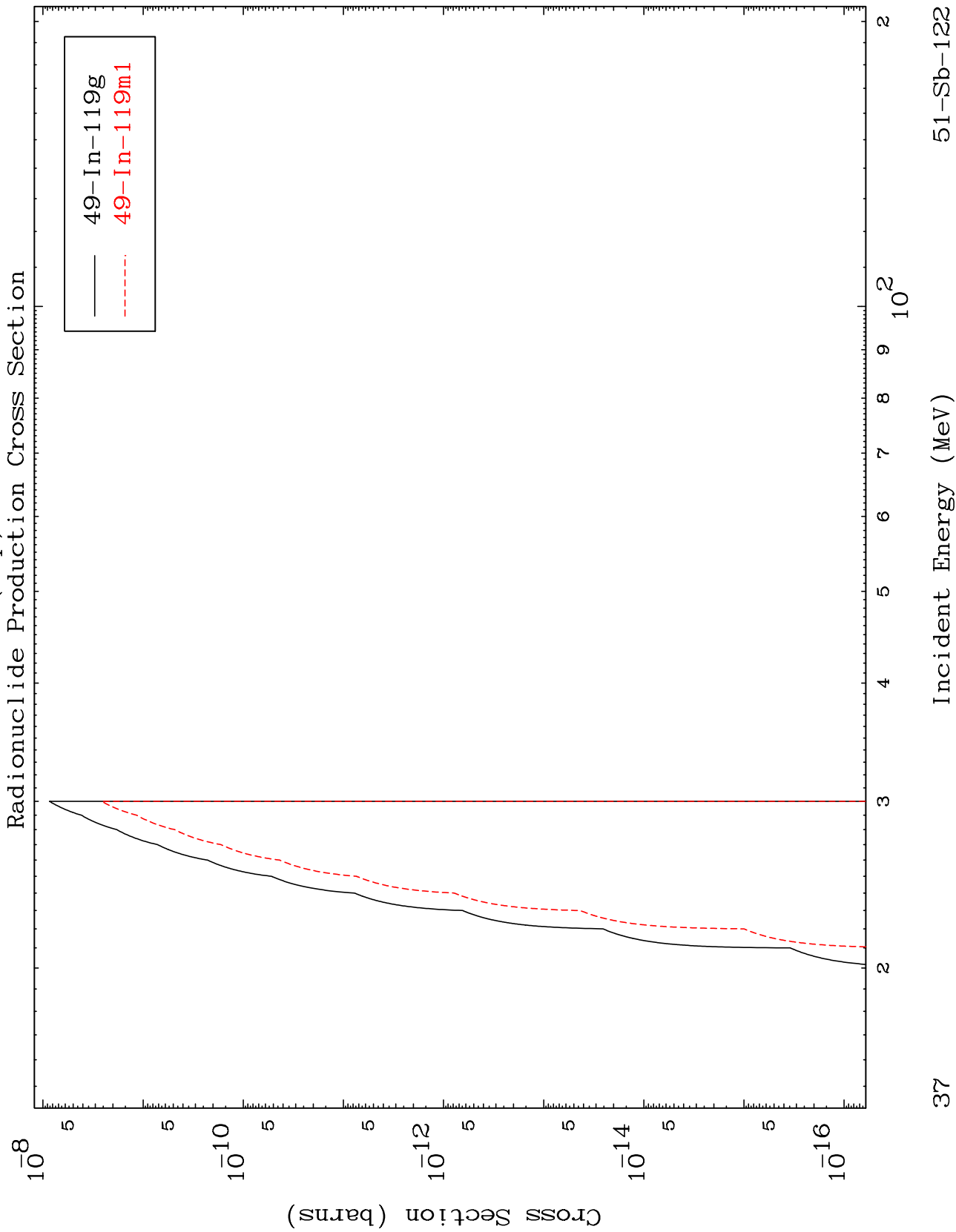
35



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(n,p) t

51-Sb-122



37

51-Sb-122

Radionuclide Production Cross Section

