

Program EVALPLOT
(Version 2018-1)

by

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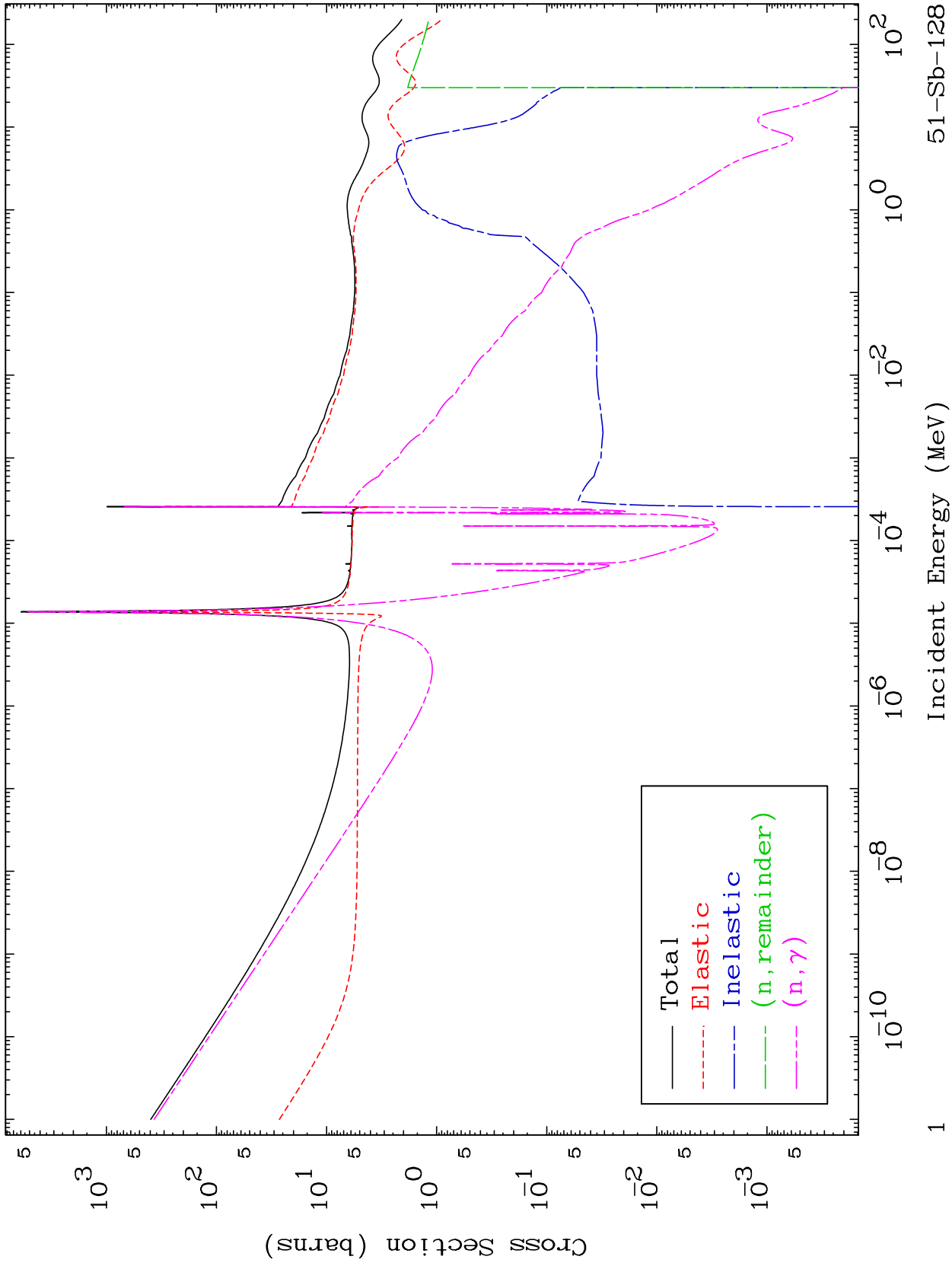
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

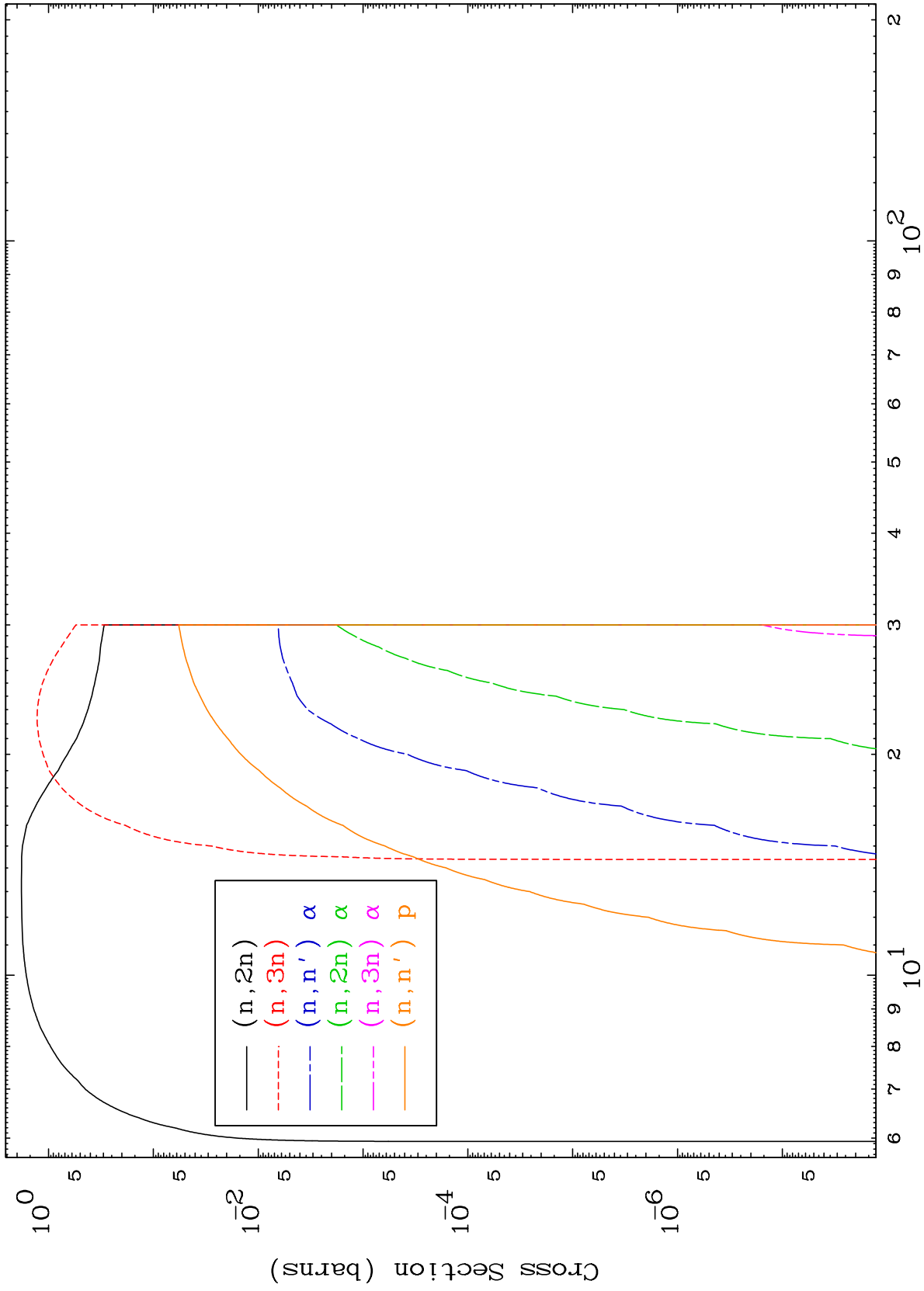
Press Mouse Button to Start

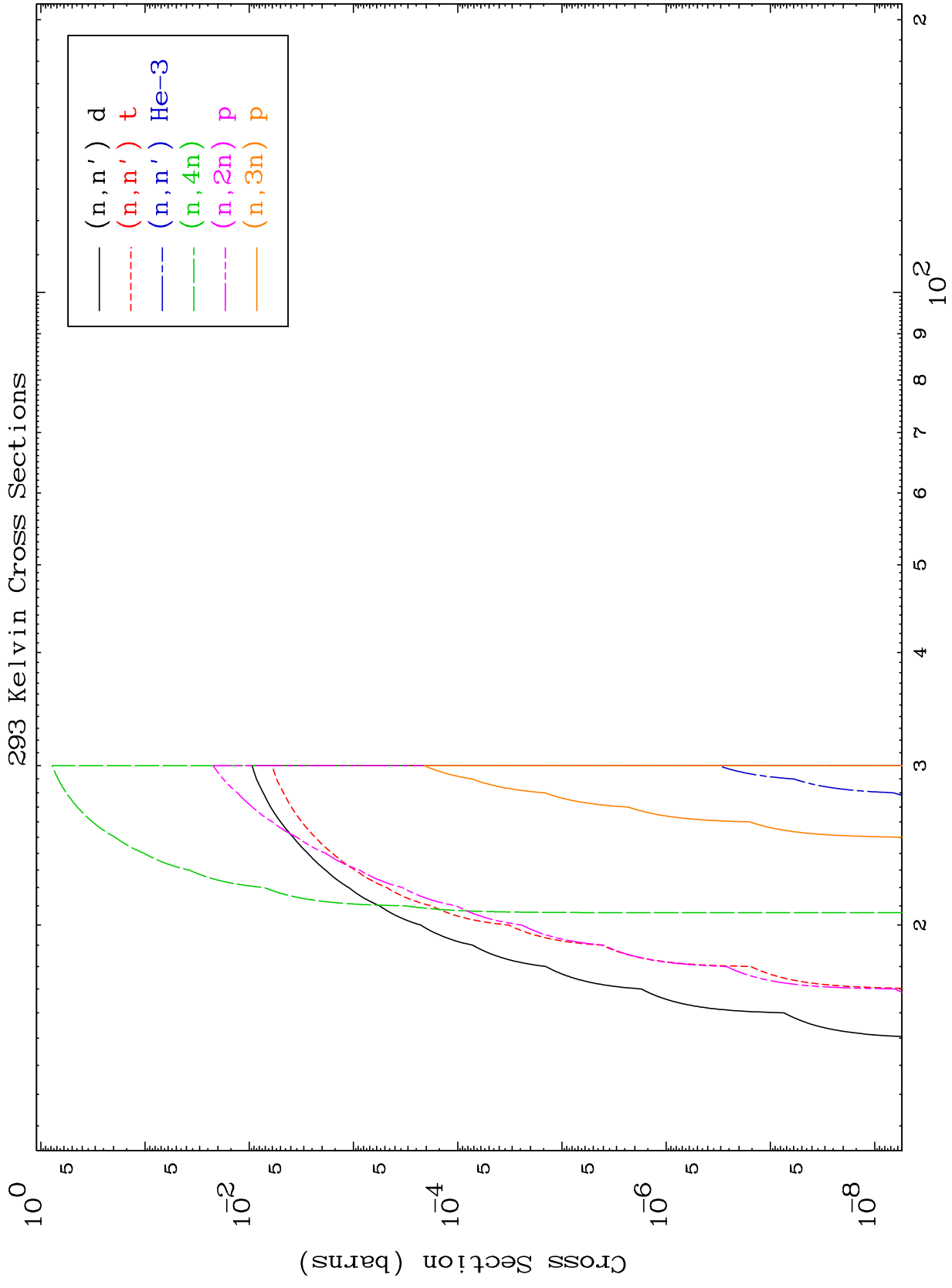
MAT 5147

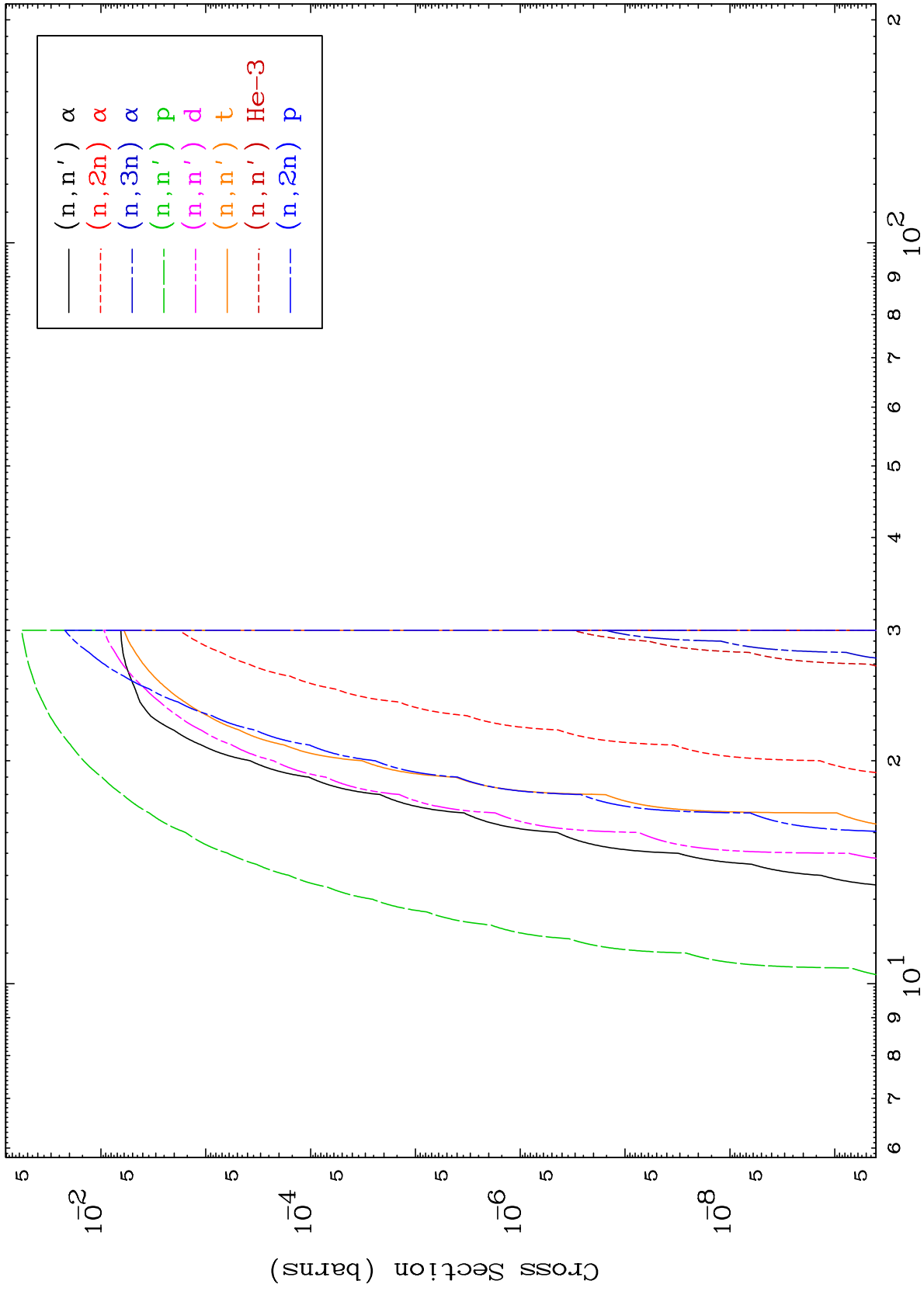
Major
293 Kelvin Cross Sections

51-Sb-128





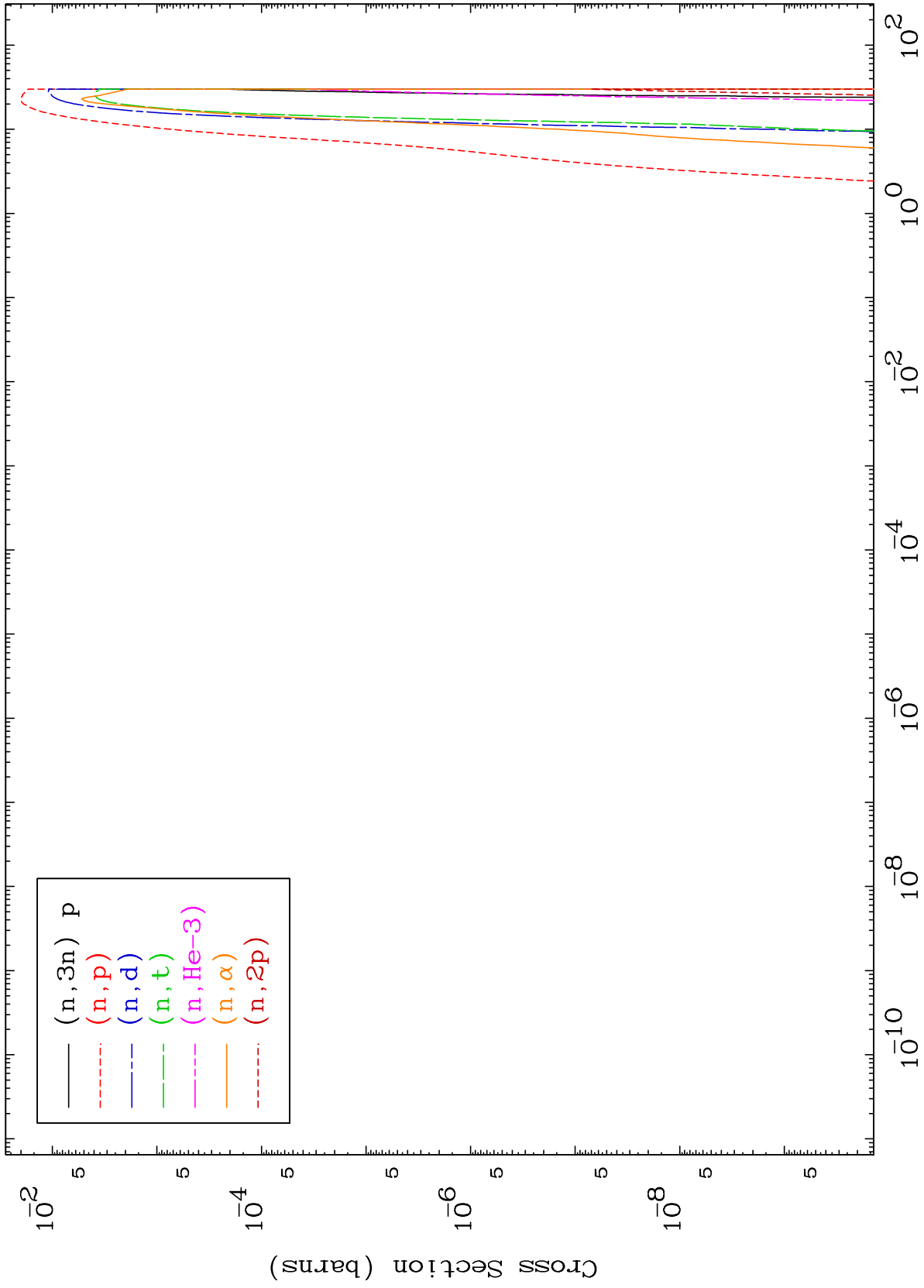




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293 Charged Particle
Kelvin Cross Sections

51-Sb-128



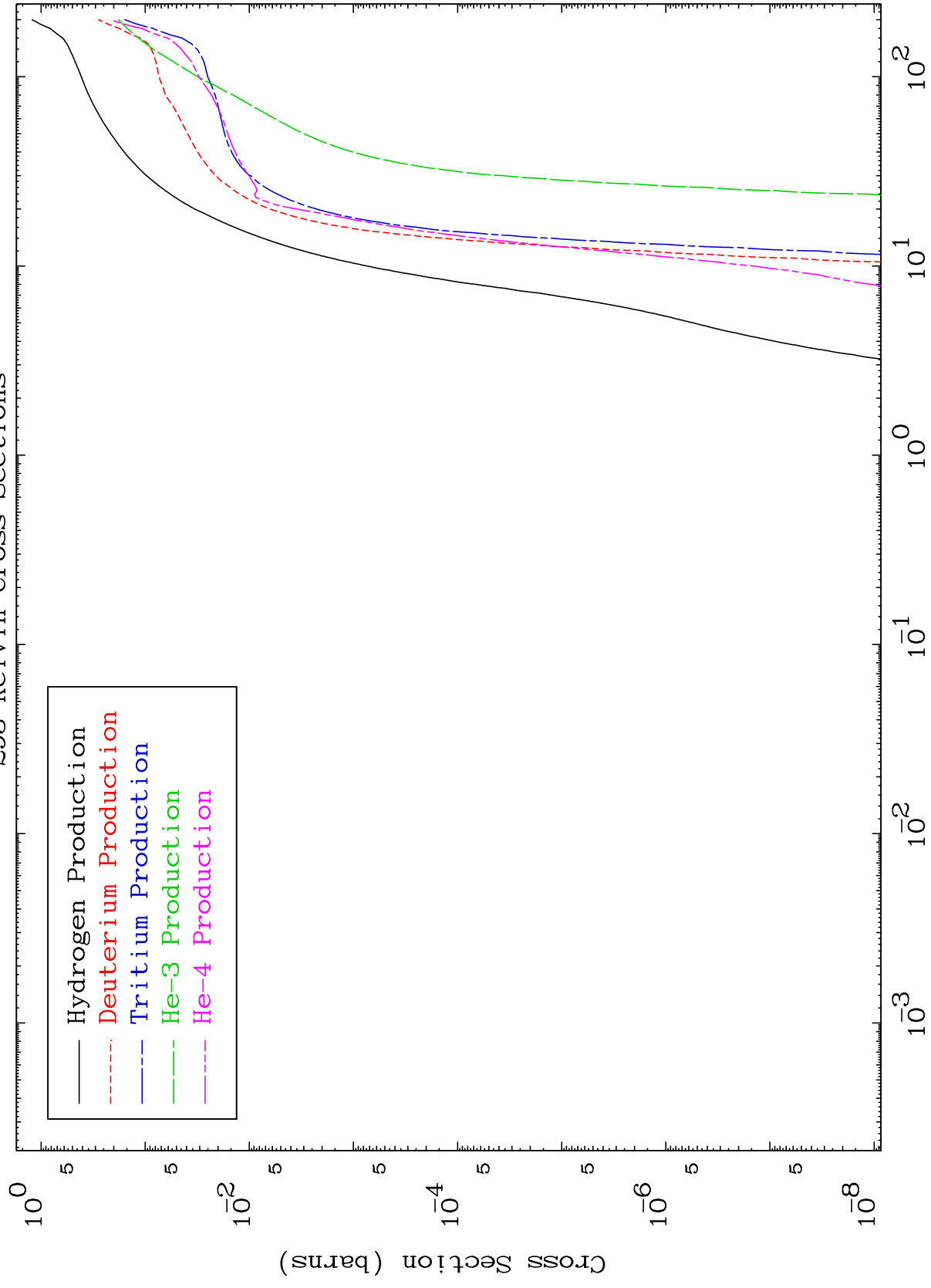
5

51-Sb-128

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Particle Production
293 Kelvin Cross Sections

51-Sb-128



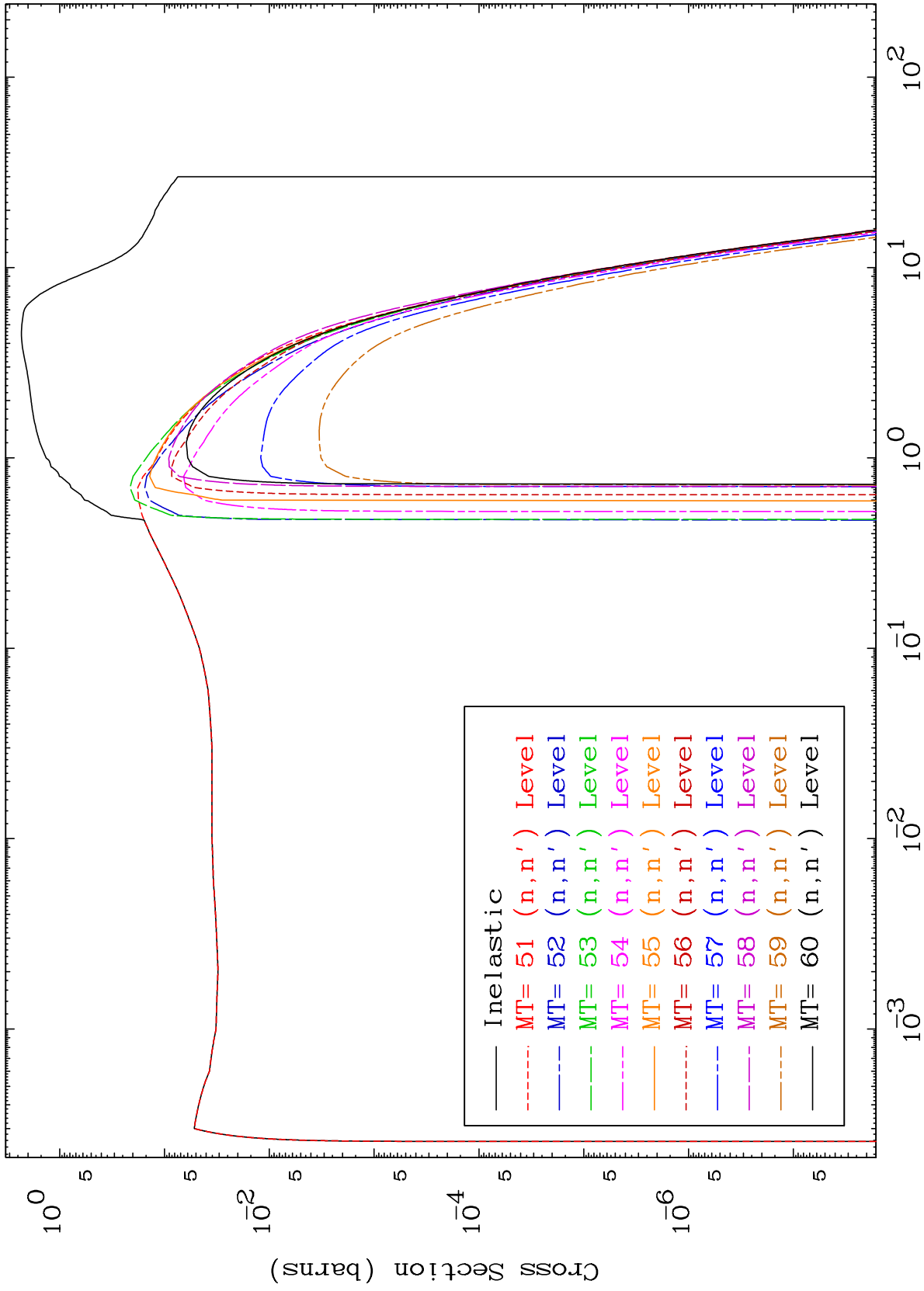
6

51-Sb-128

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293 Kelvin Cross Sections
(n,n') Level

51-Sb-128

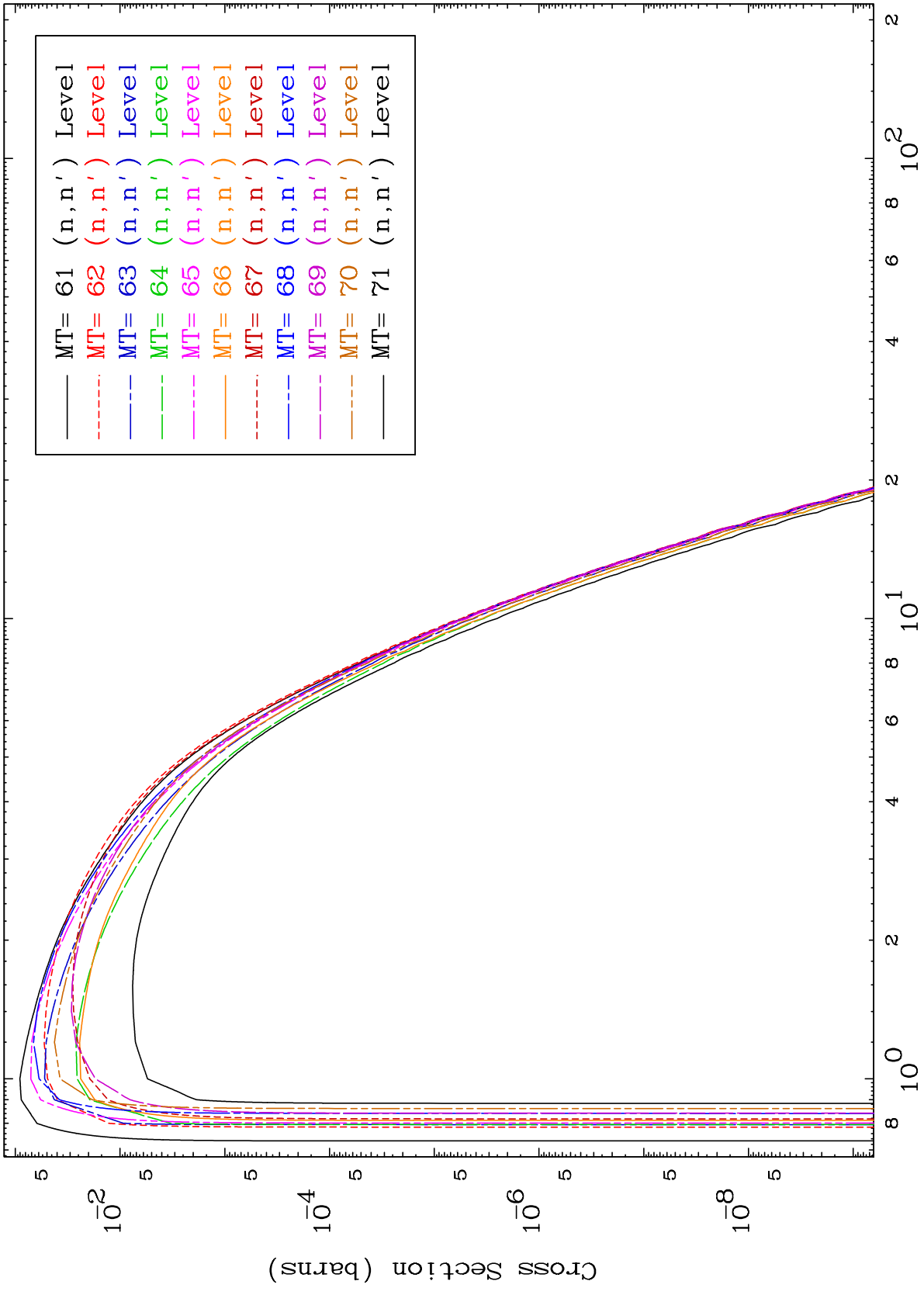


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(n,n') Level

51-Sb-128

293 Kelvin Cross Sections



8

Incident Energy (MeV)

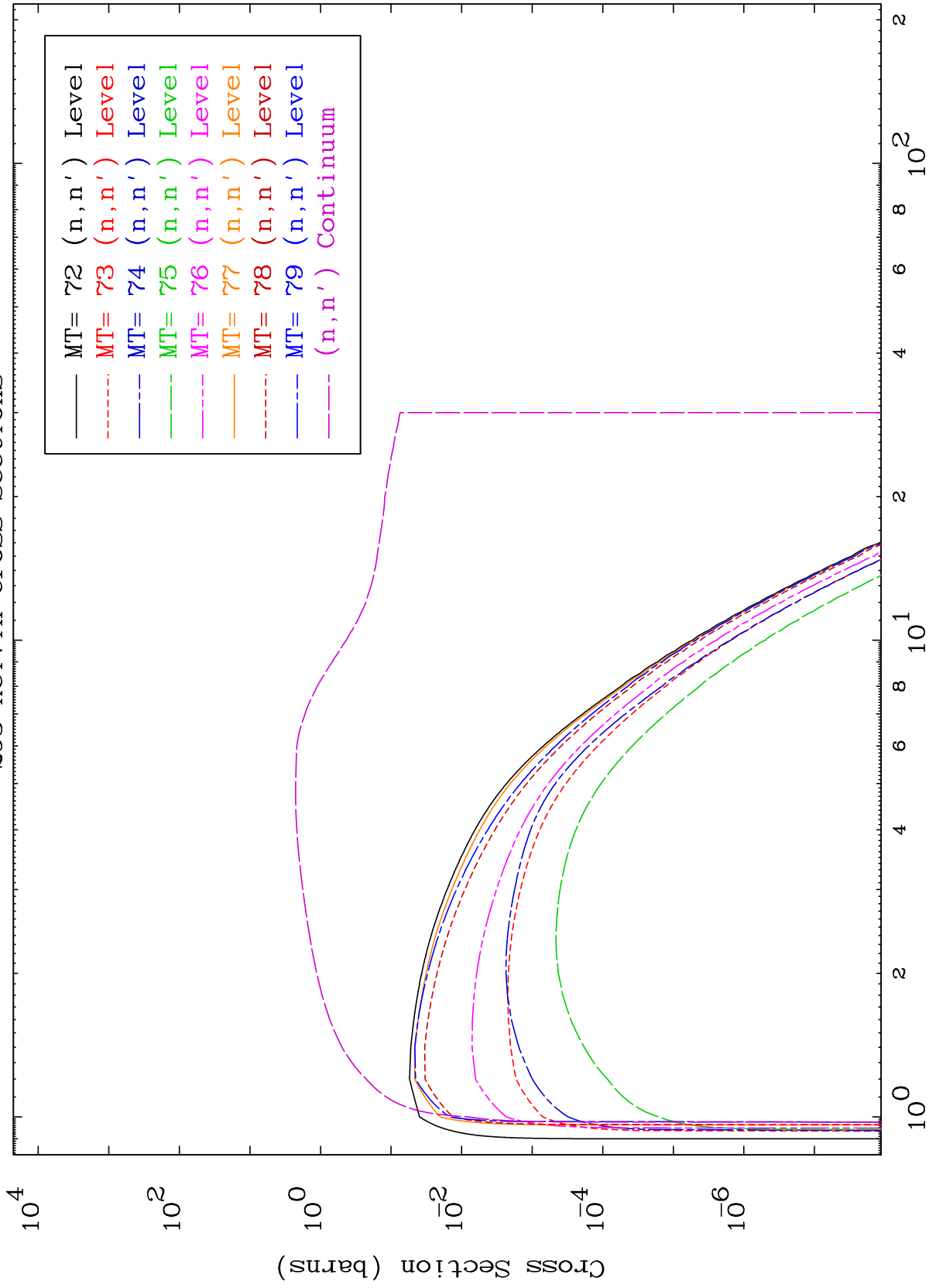
51-Sb-128

MAT 5147

(n,n') Level

51-Sb-128

293 Kelvin Cross Sections



9

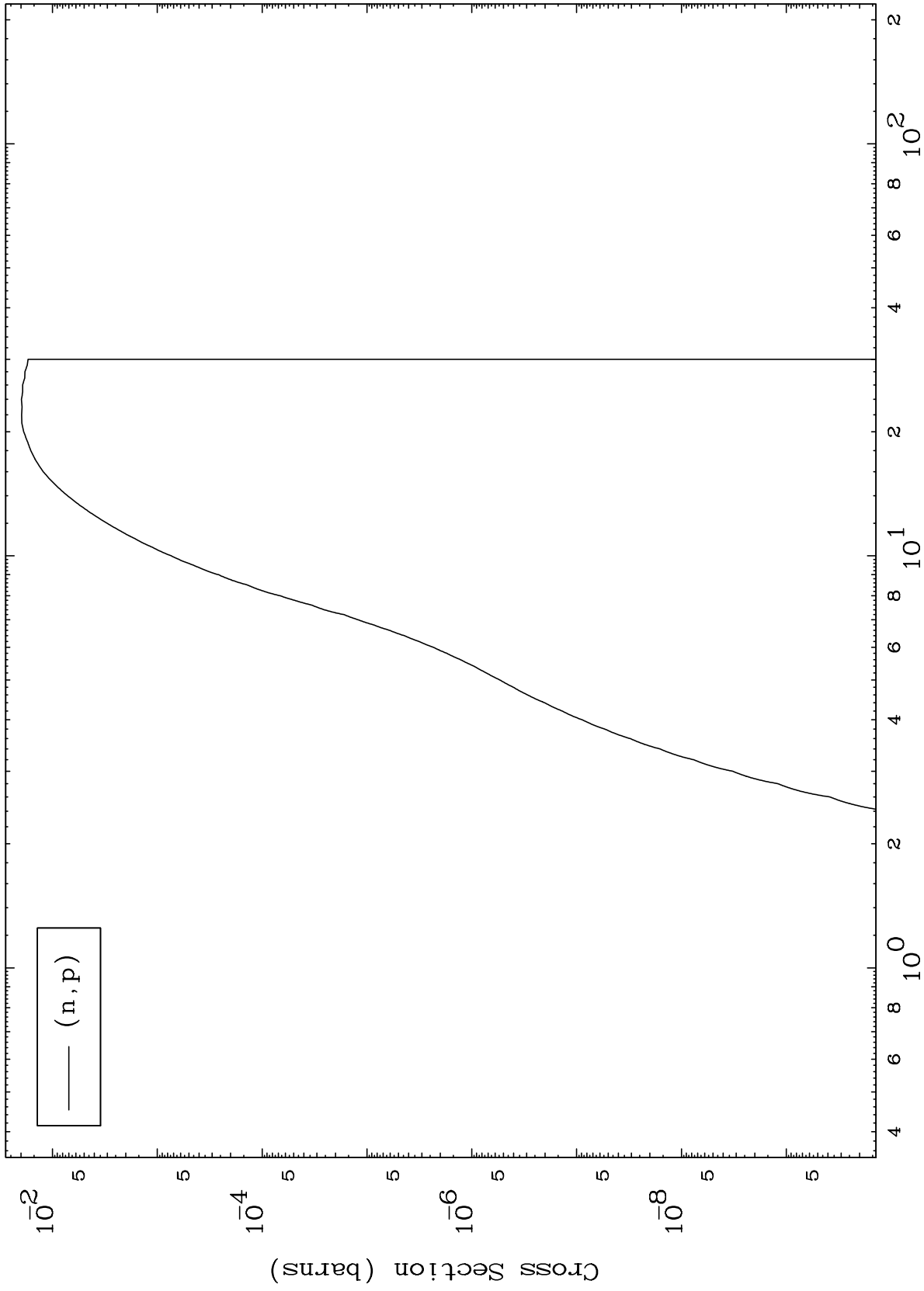
Incident Energy (MeV)

51-Sb-128

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(n,p) Levels
293 Kelvin Cross Sections

51-Sb-128



10

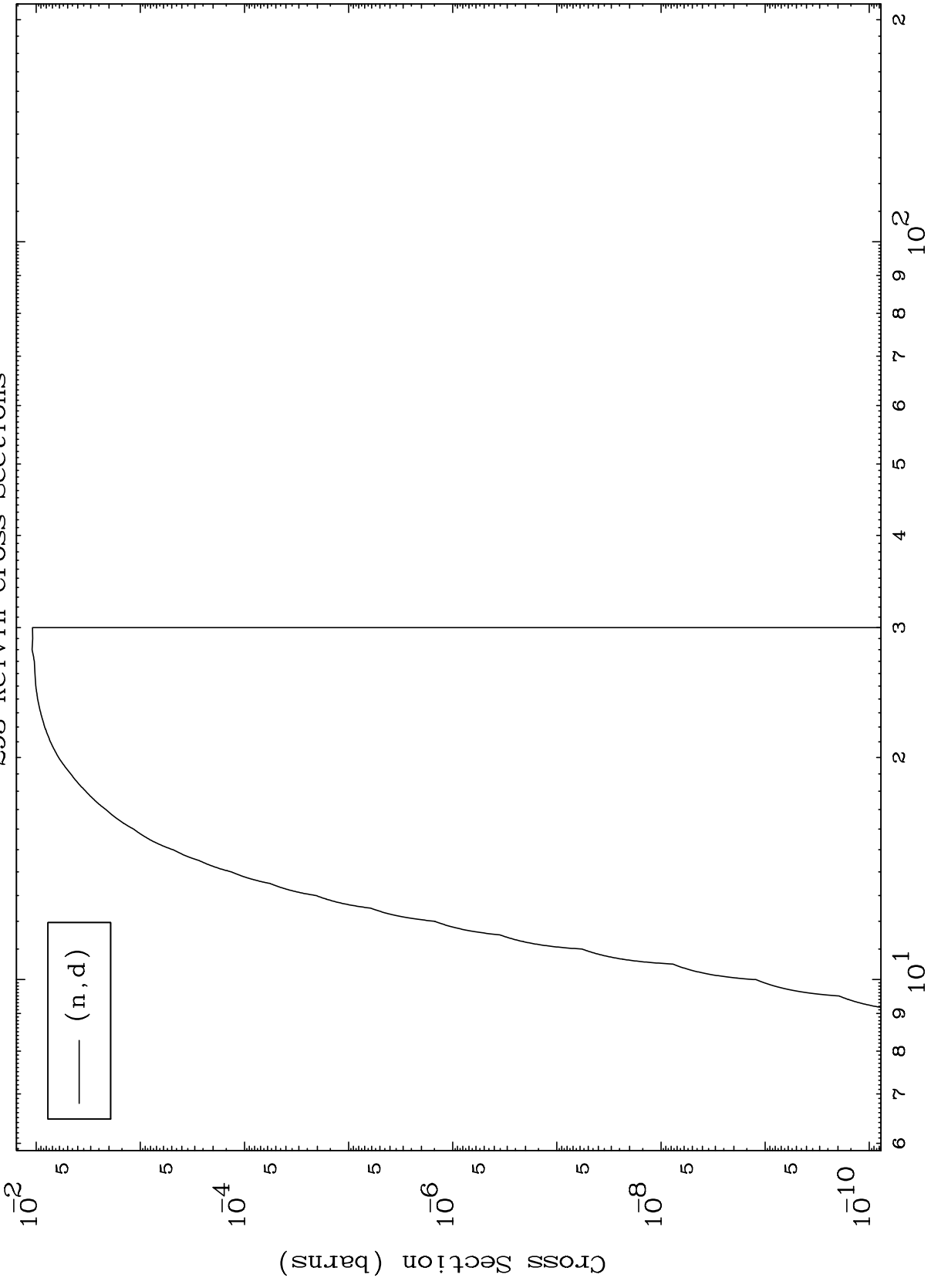
Incident Energy (MeV)

51-Sb-128

MAT 5147

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-128



11

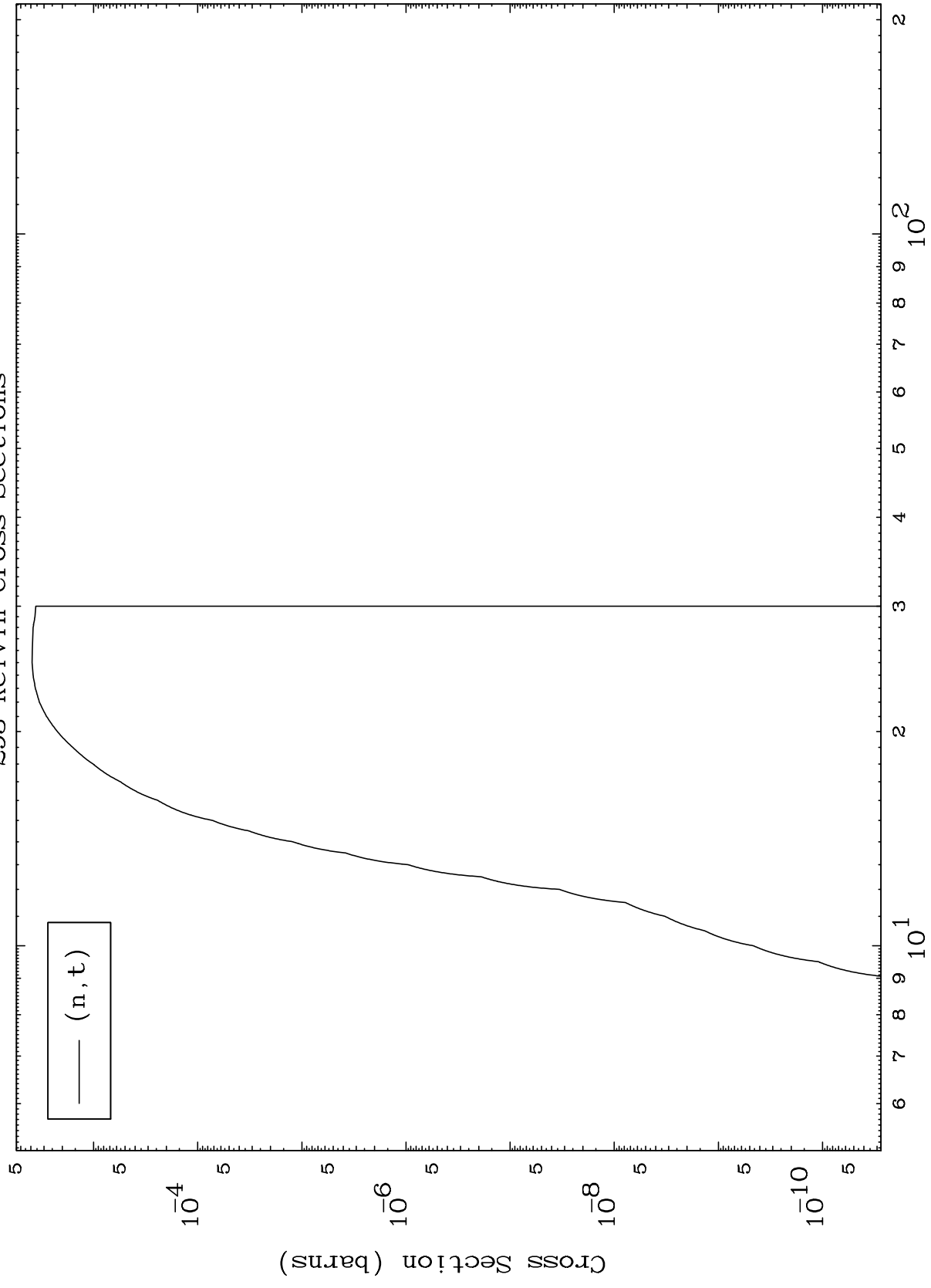
Incident Energy (MeV)

51-Sb-128

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(n,t) Levels
293 Kelvin Cross Sections

51-Sb-128



(n,t)

12

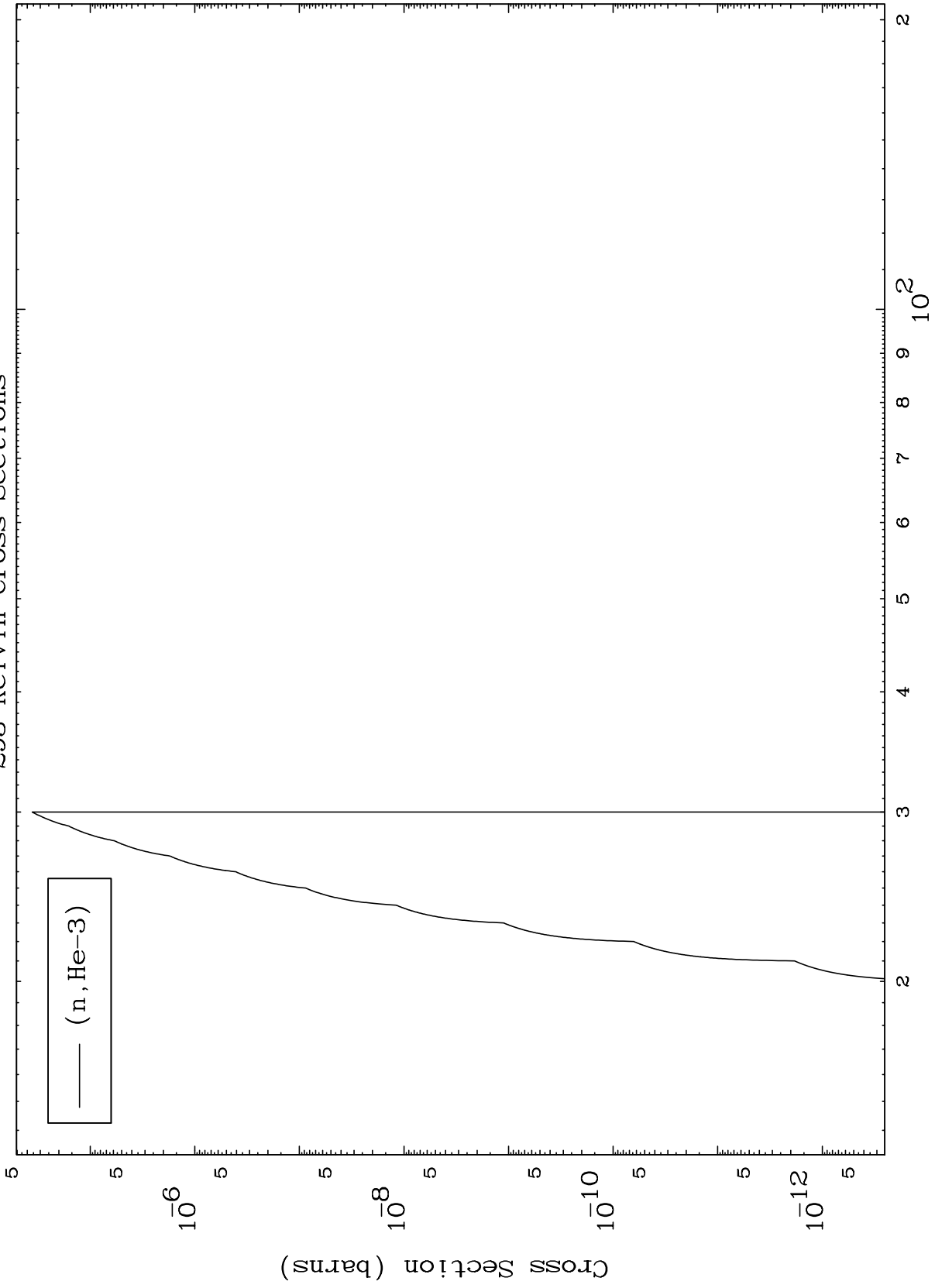
Incident Energy (MeV)

51-Sb-128

MAT 5147

(n,He3) Levels
293 Kelvin Cross Sections

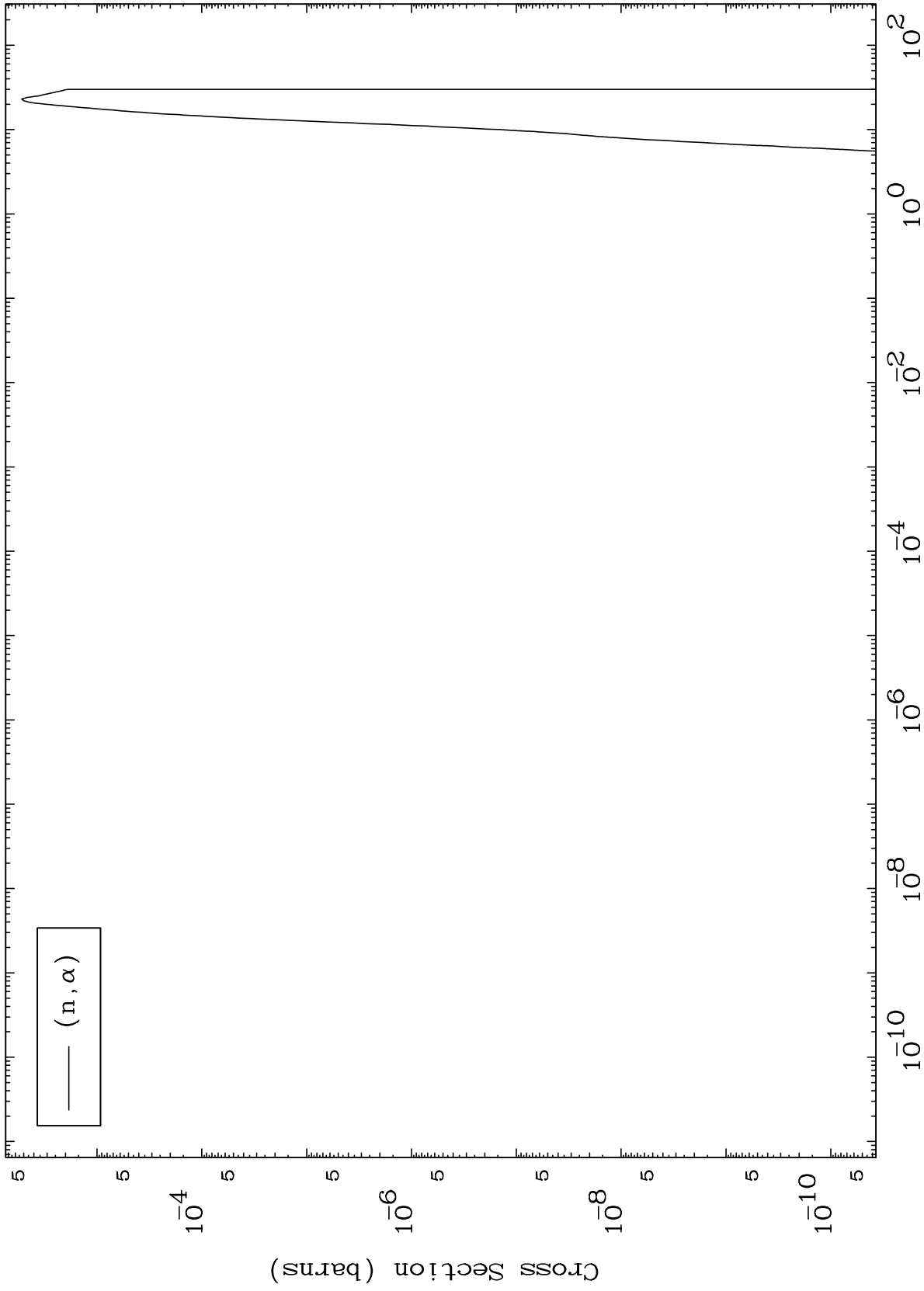
51-Sb-128



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(n,α) Levels
293 Kelvin Cross Sections

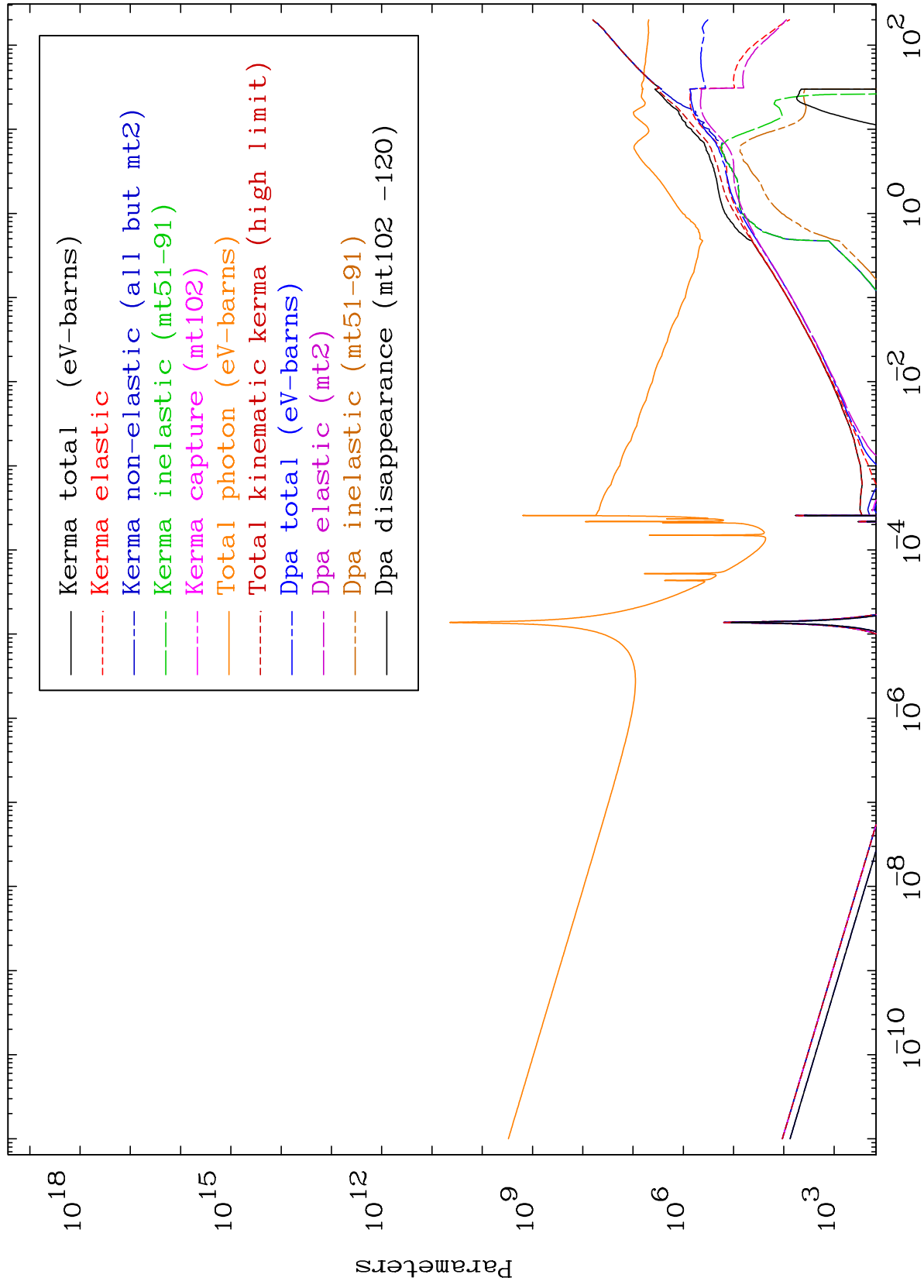
51-Sb-128



14

Incident Energy (MeV)

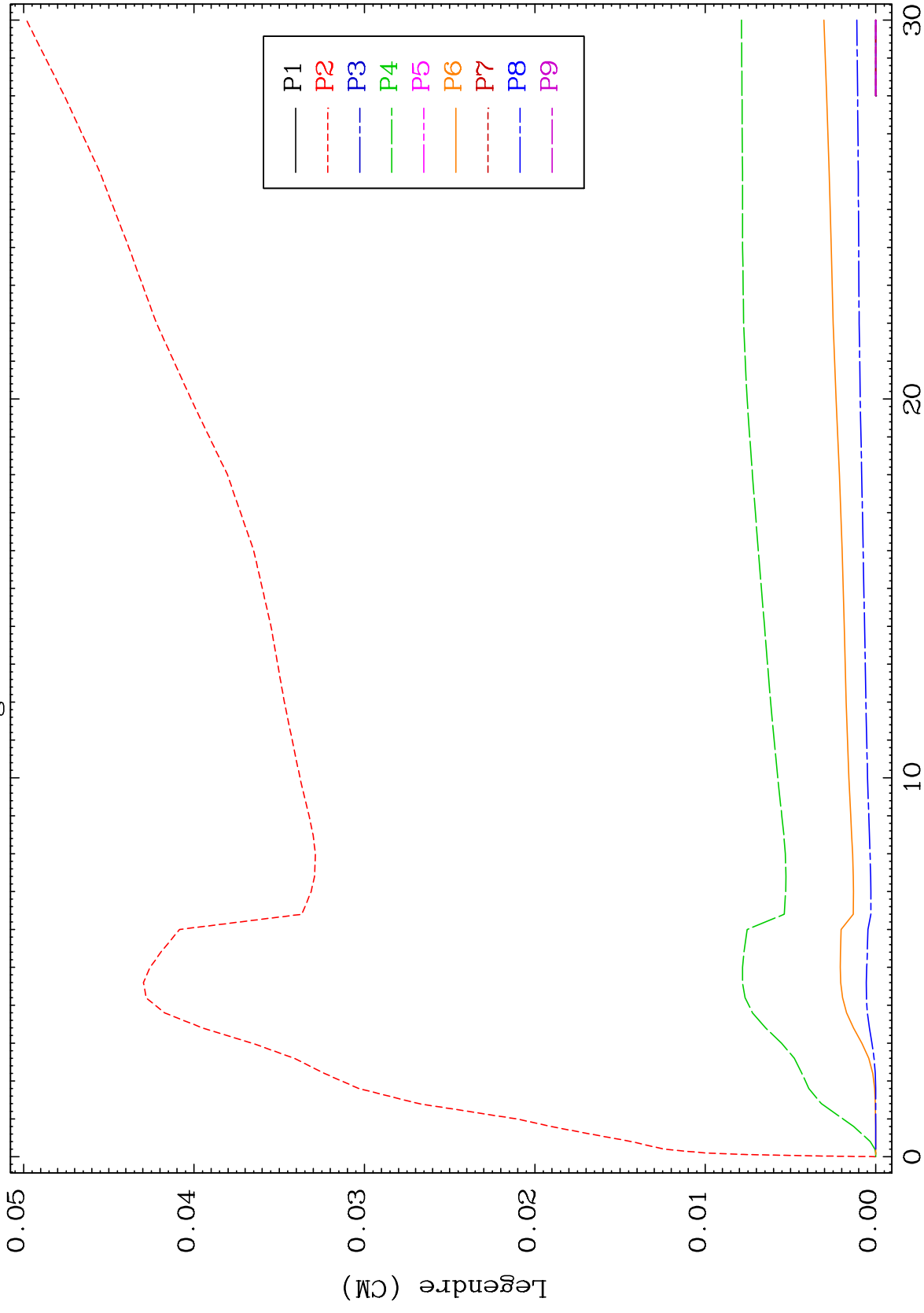
51-Sb-128



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Elastic Legendre Coefficients

51-Sb-128



51-Sb-128

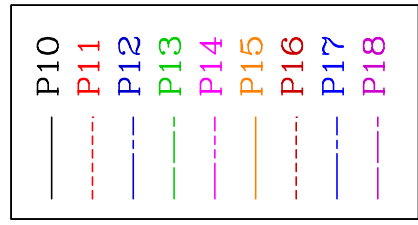
Incident Energy (MeV)

16

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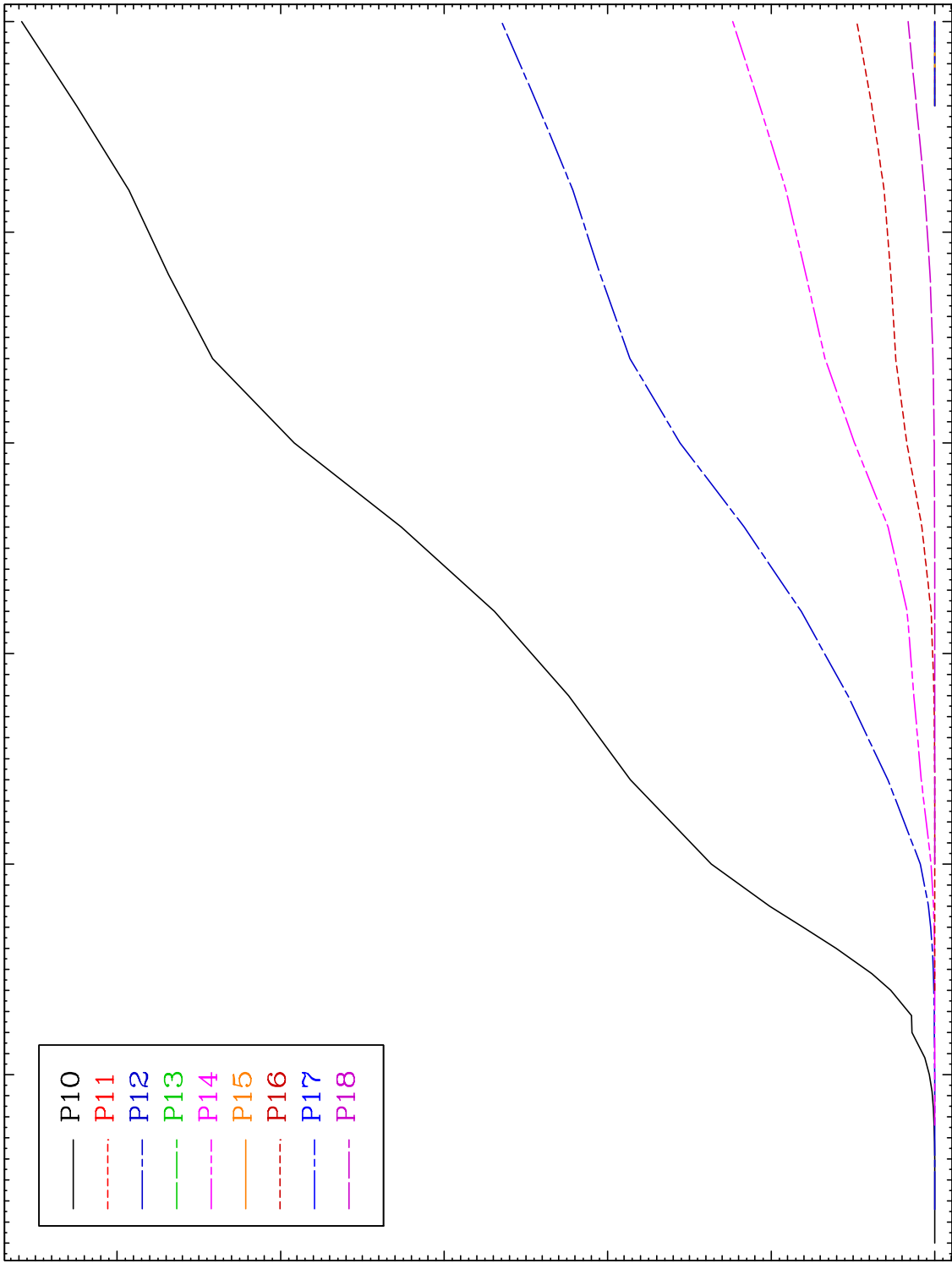
Elastic Legendre Coefficients

51-Sb-128



$\times 10^{-4}$

Legendre (CM)



17

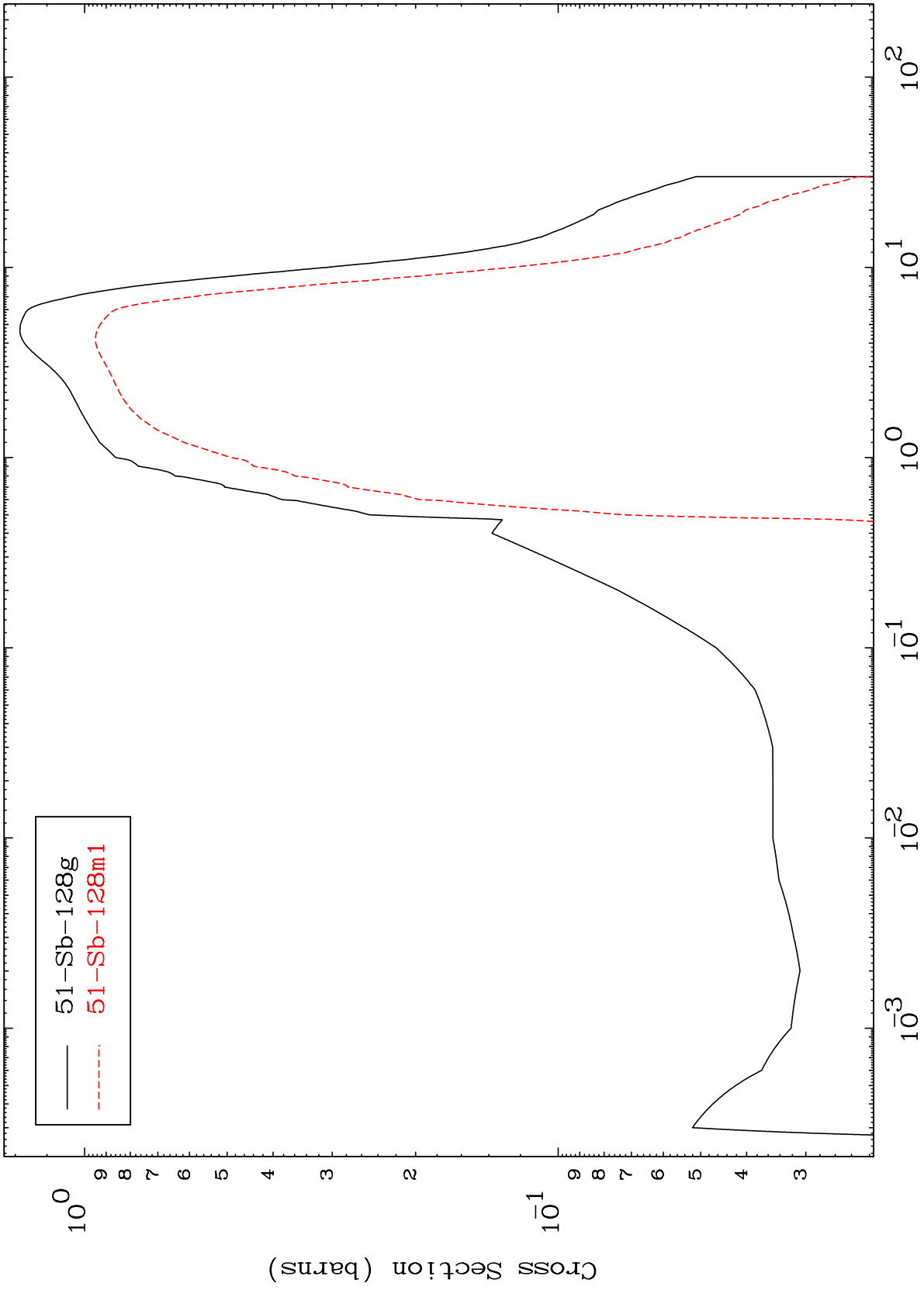
Incident Energy (MeV)

51-Sb-128

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Inelastic Radionuclide Production Cross Section

51-Sb-128



19

Incident Energy (MeV)

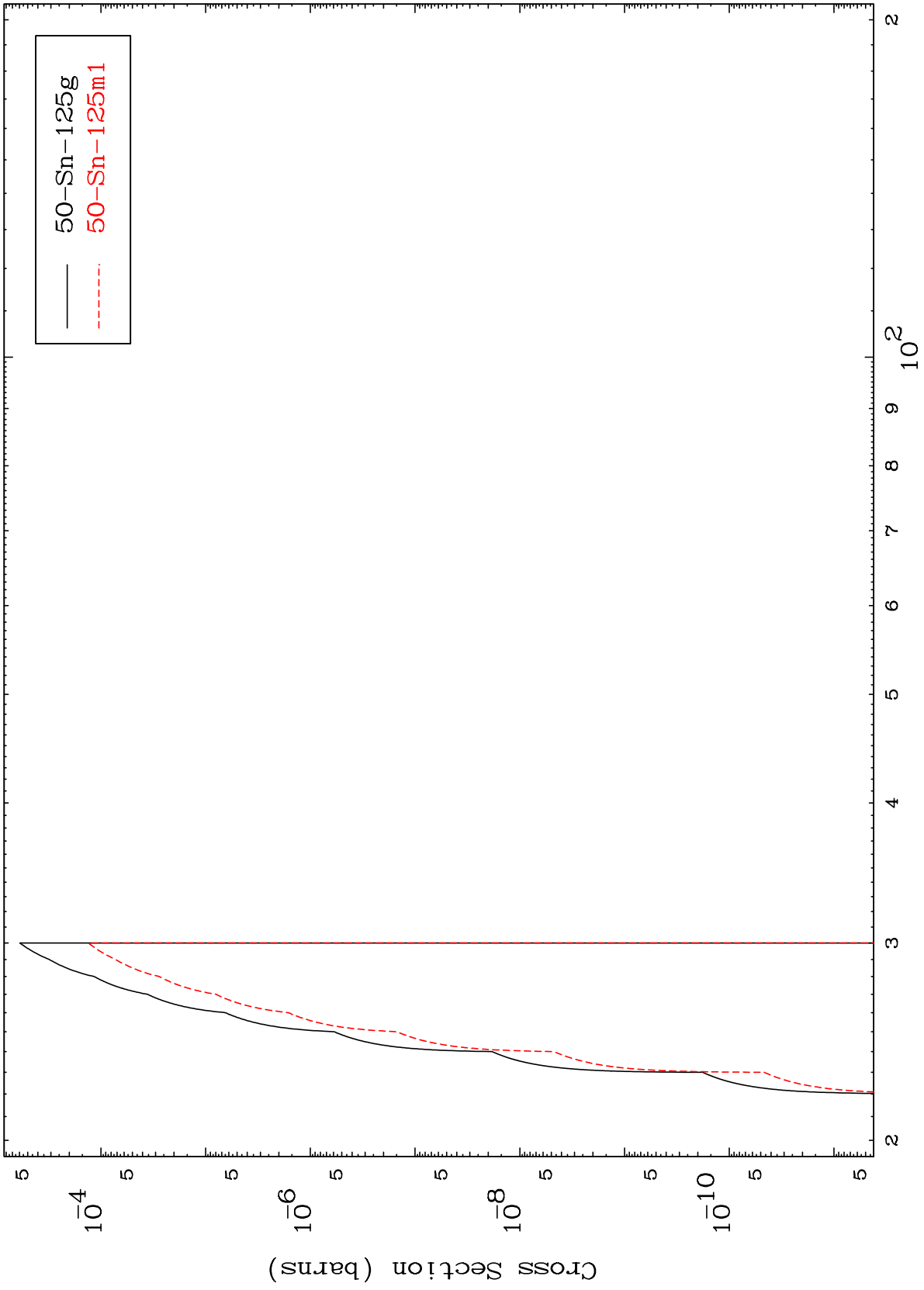
51-Sb-128

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(n,2n) d

51-Sb-128

Radionuclide Production Cross Section



20

Incident Energy (MeV)

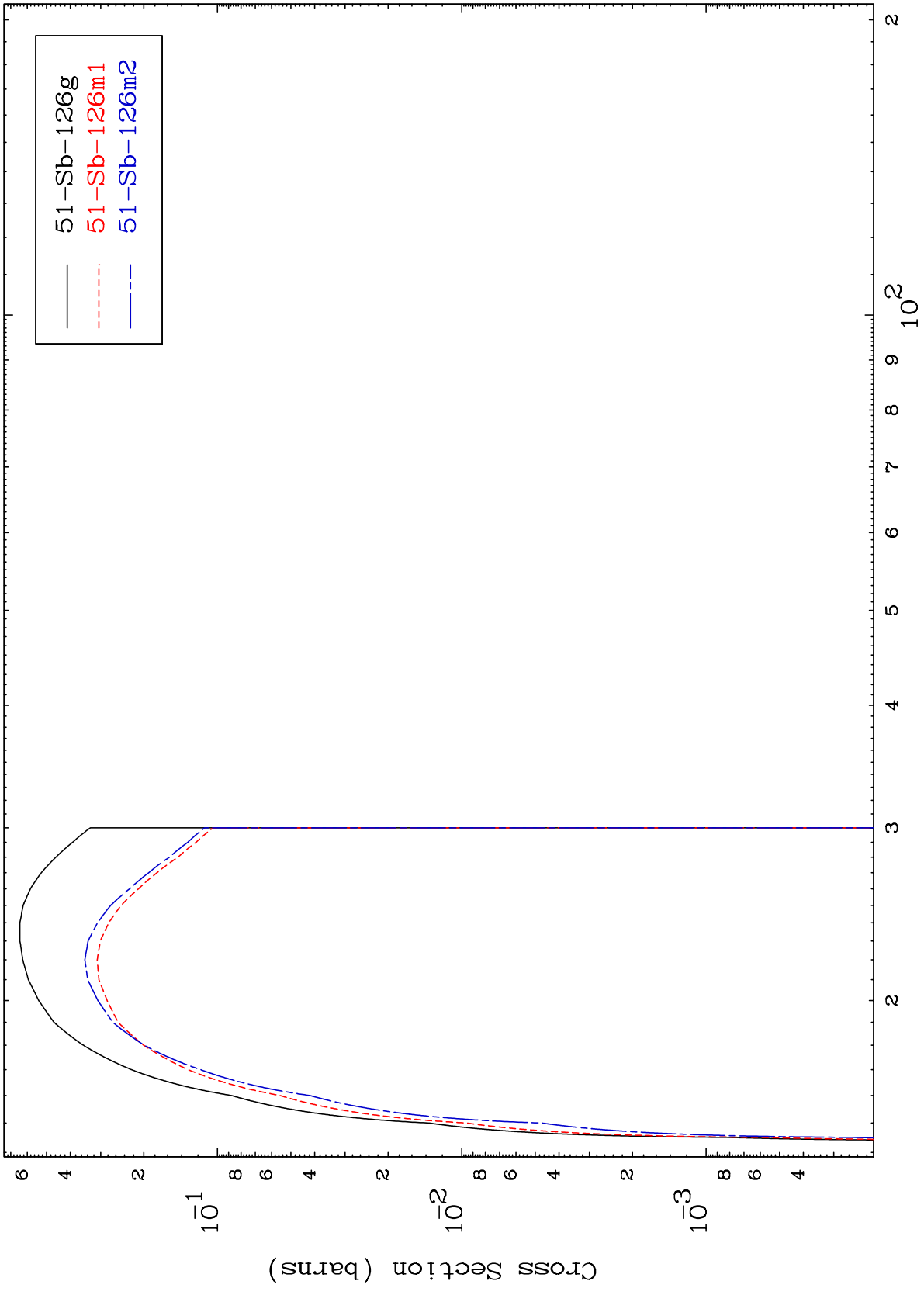
51-Sb-128

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(n,3n)

51-Sb-128

Radionuclide Production Cross Section



21

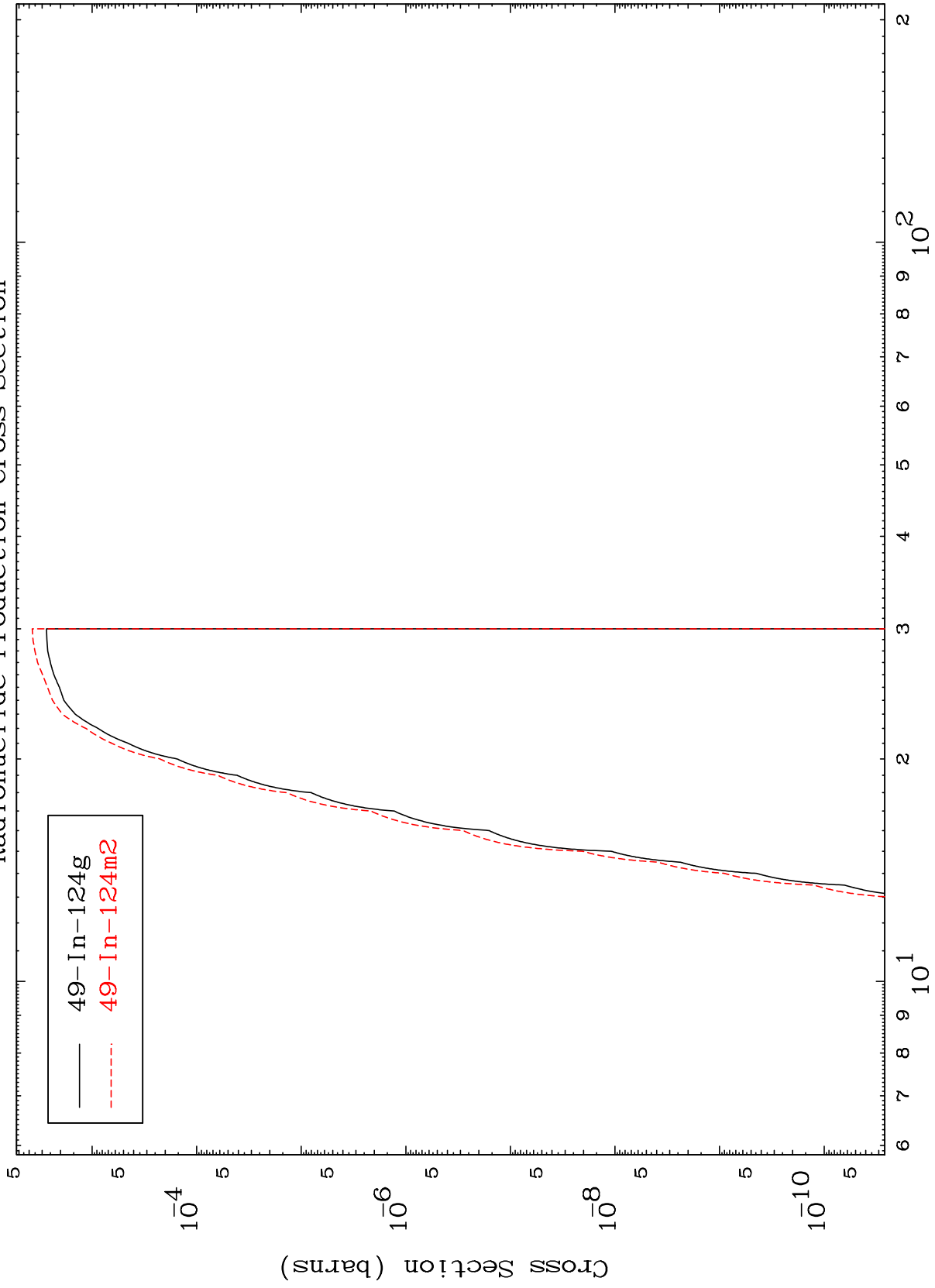
Incident Energy (MeV)

51-Sb-128

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51-Sb-128

(n,n') α
Radionuclide Production Cross Section



22

Incident Energy (MeV)

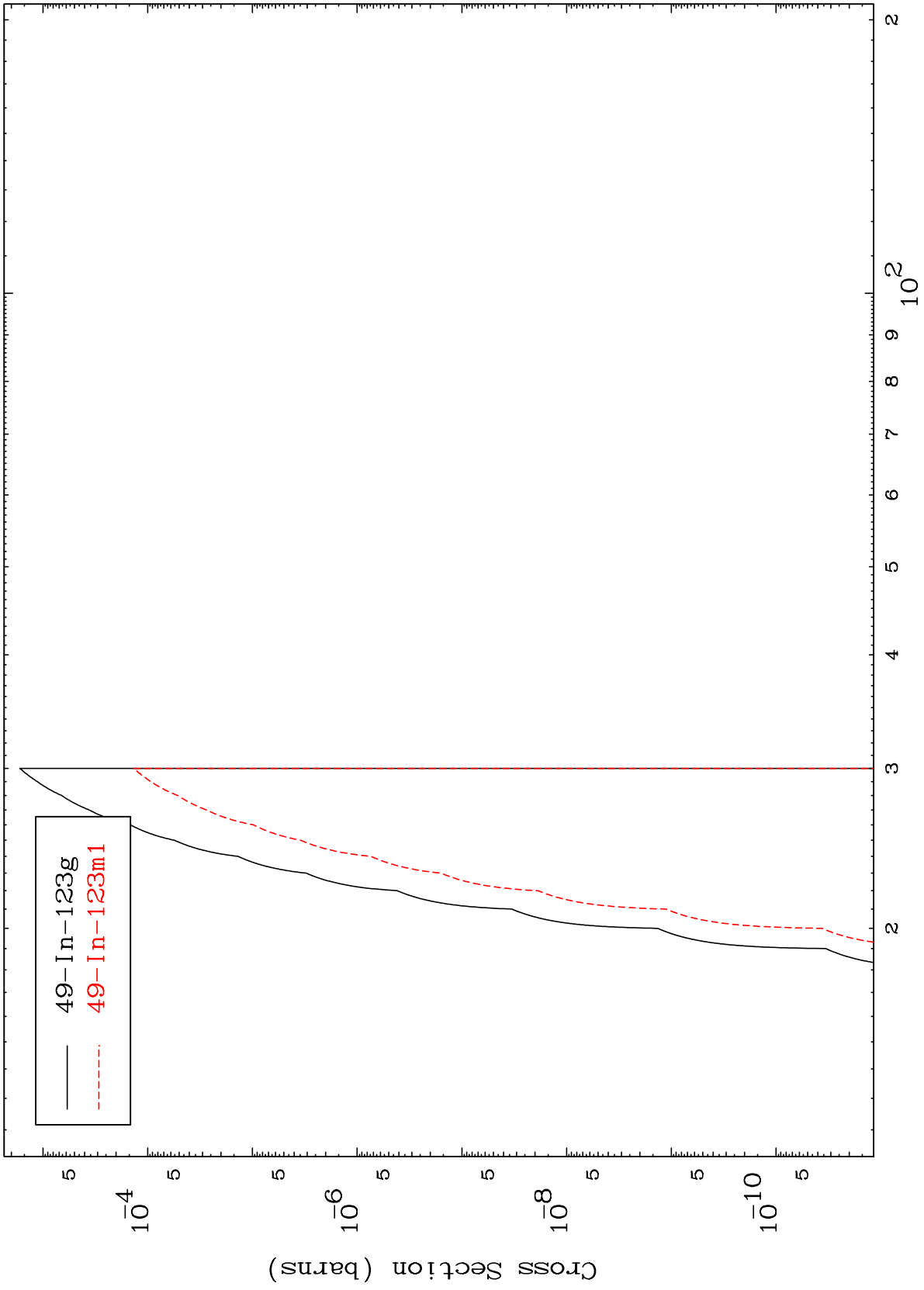
51-Sb-128

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(n,2n) α

51-Sb-128

Radionuclide Production Cross Section



23

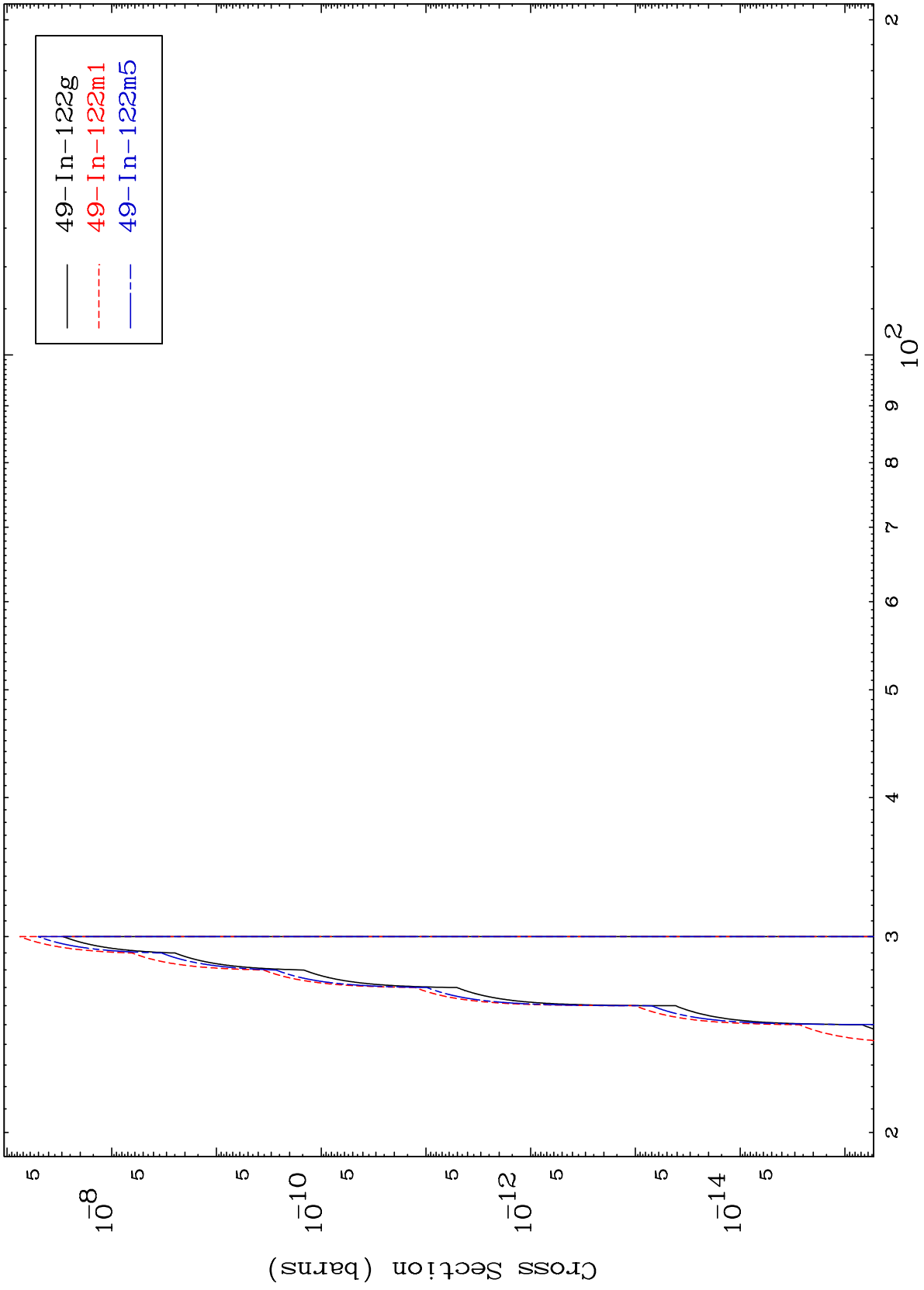
51-Sb-128

MAT 5147

(n,3n) α

51-Sb-128

Radionuclide Production Cross Section



24

Incident Energy (MeV)

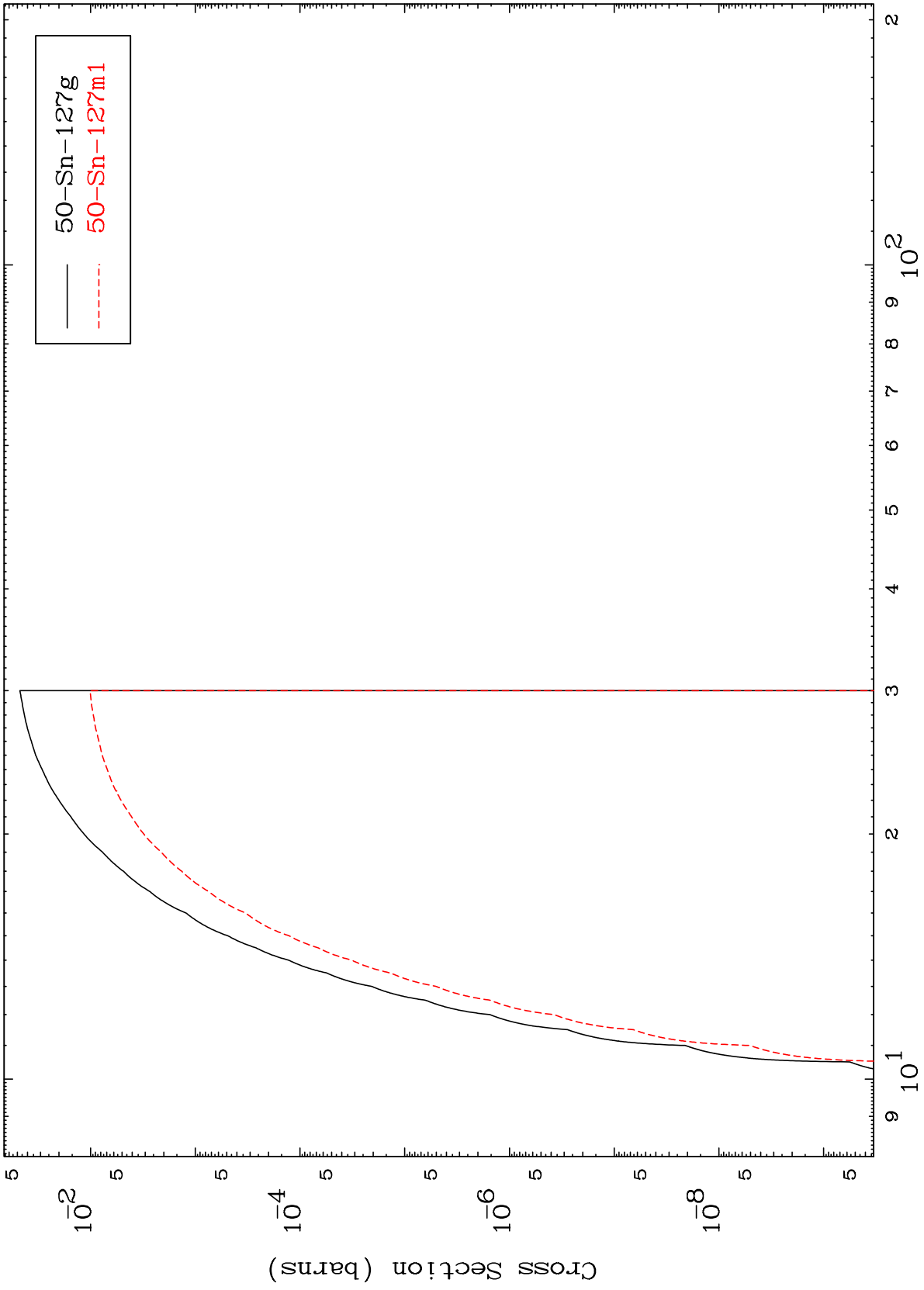
51-Sb-128

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(n,n') p

51-Sb-128

Radionuclide Production Cross Section



25

Incident Energy (MeV)

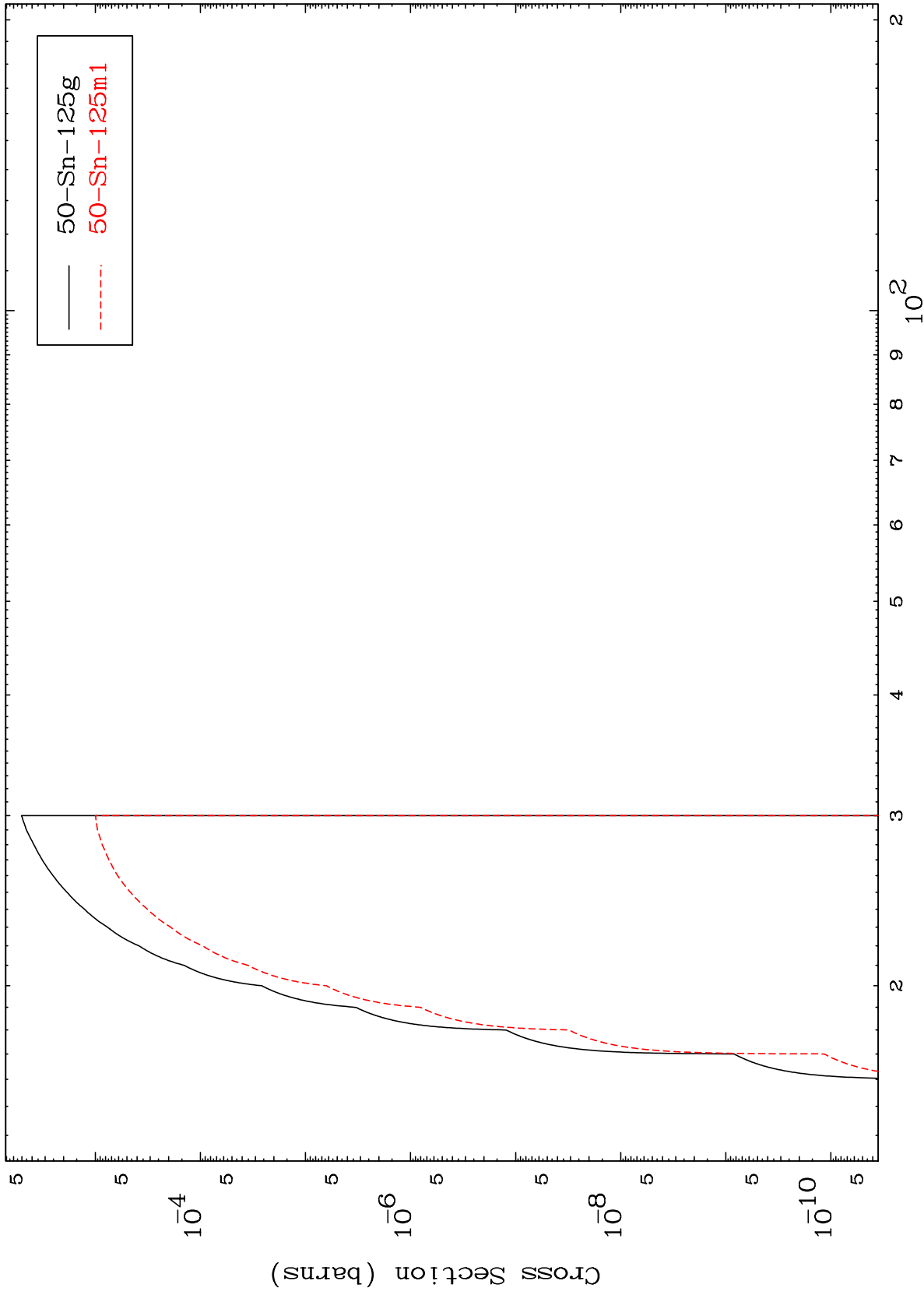
51-Sb-128

MAT 5147

(n,n') t

51-Sb-128

Radionuclide Production Cross Section



26

Incident Energy (MeV)

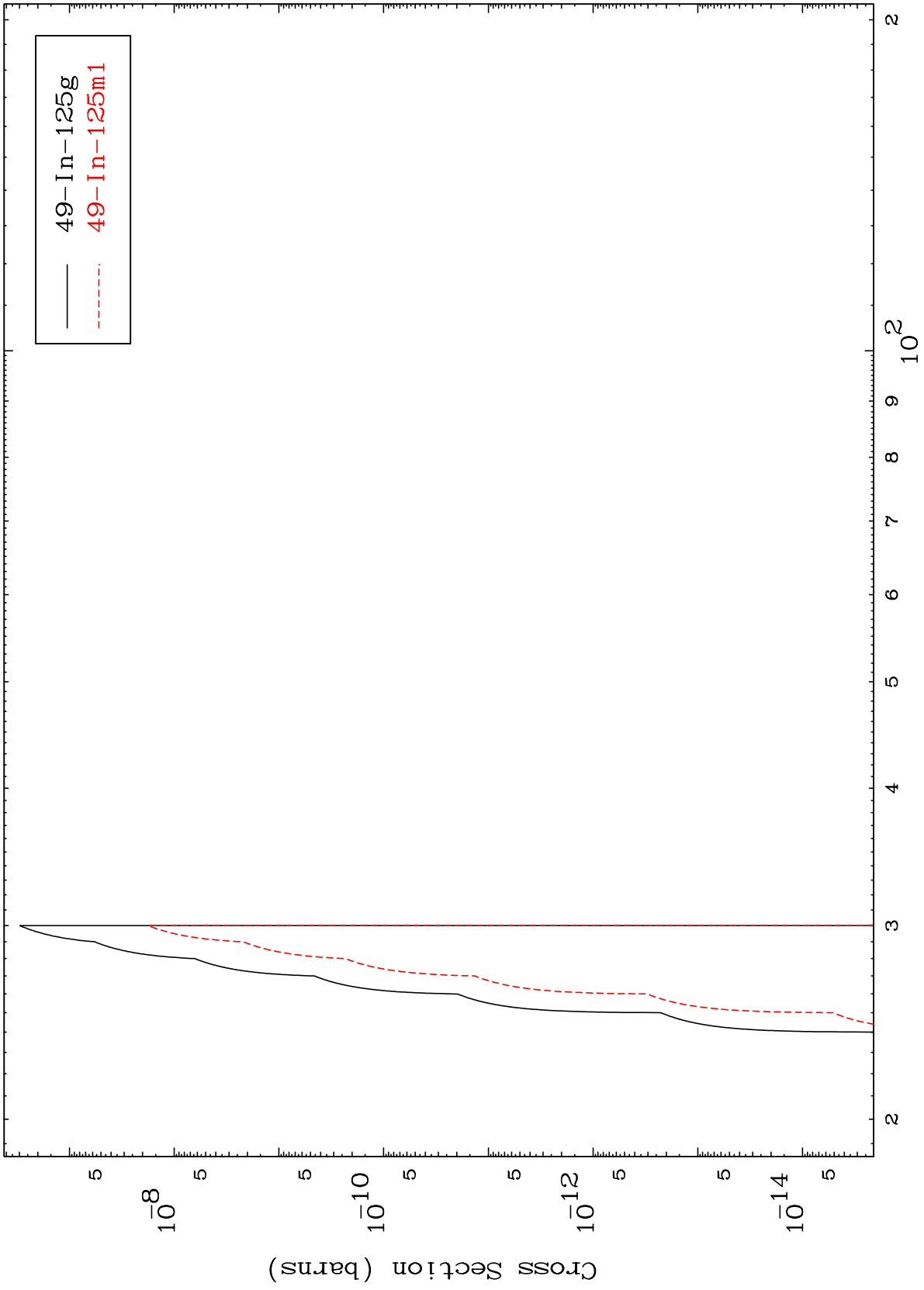
51-Sb-128

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(n, n') He-3

51-Sb-128

Radionuclide Production Cross Section



27

Incident Energy (MeV)

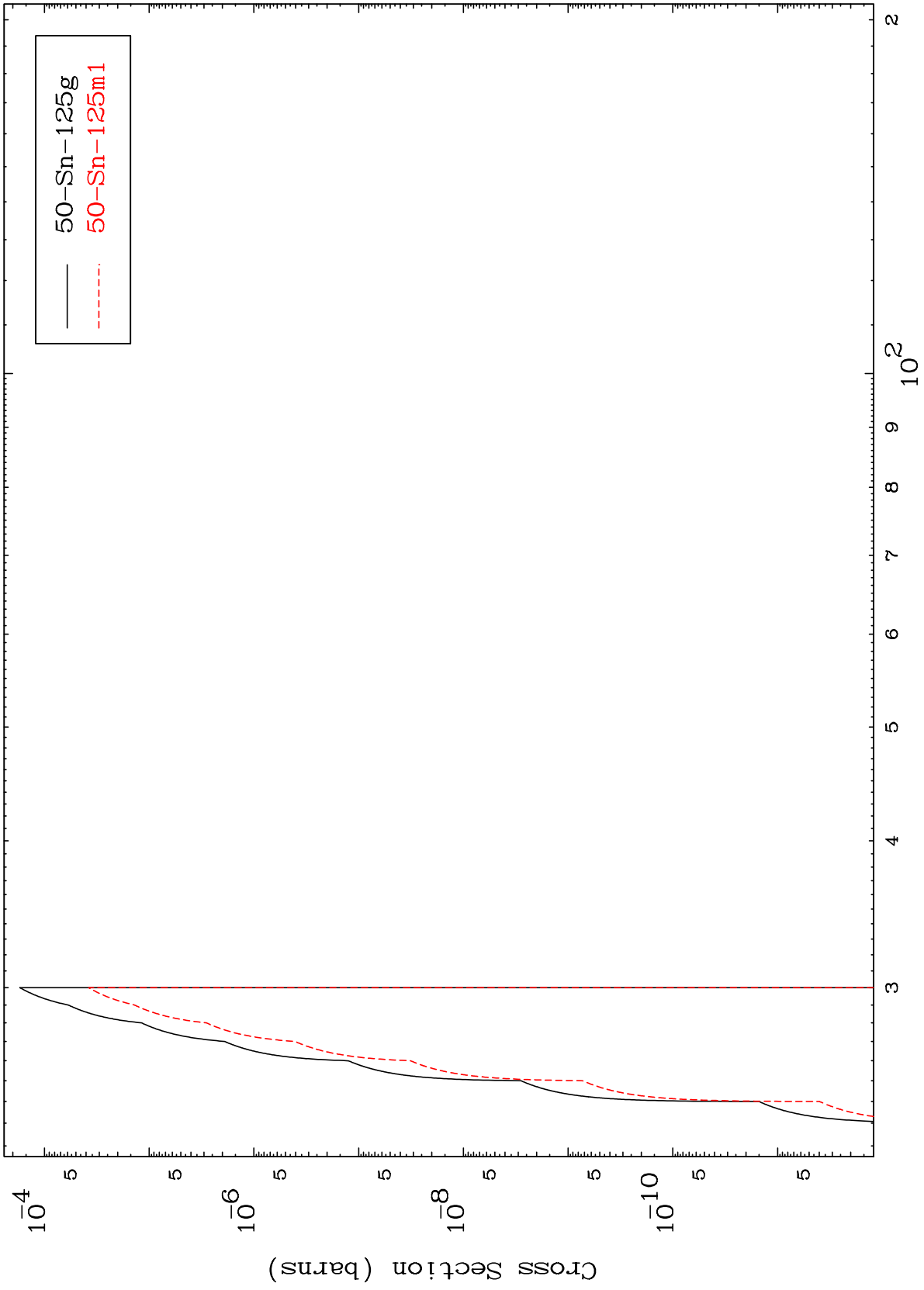
51-Sb-128

MAT 5147

(n,3n) p

51-Sb-128

Radionuclide Production Cross Section



28

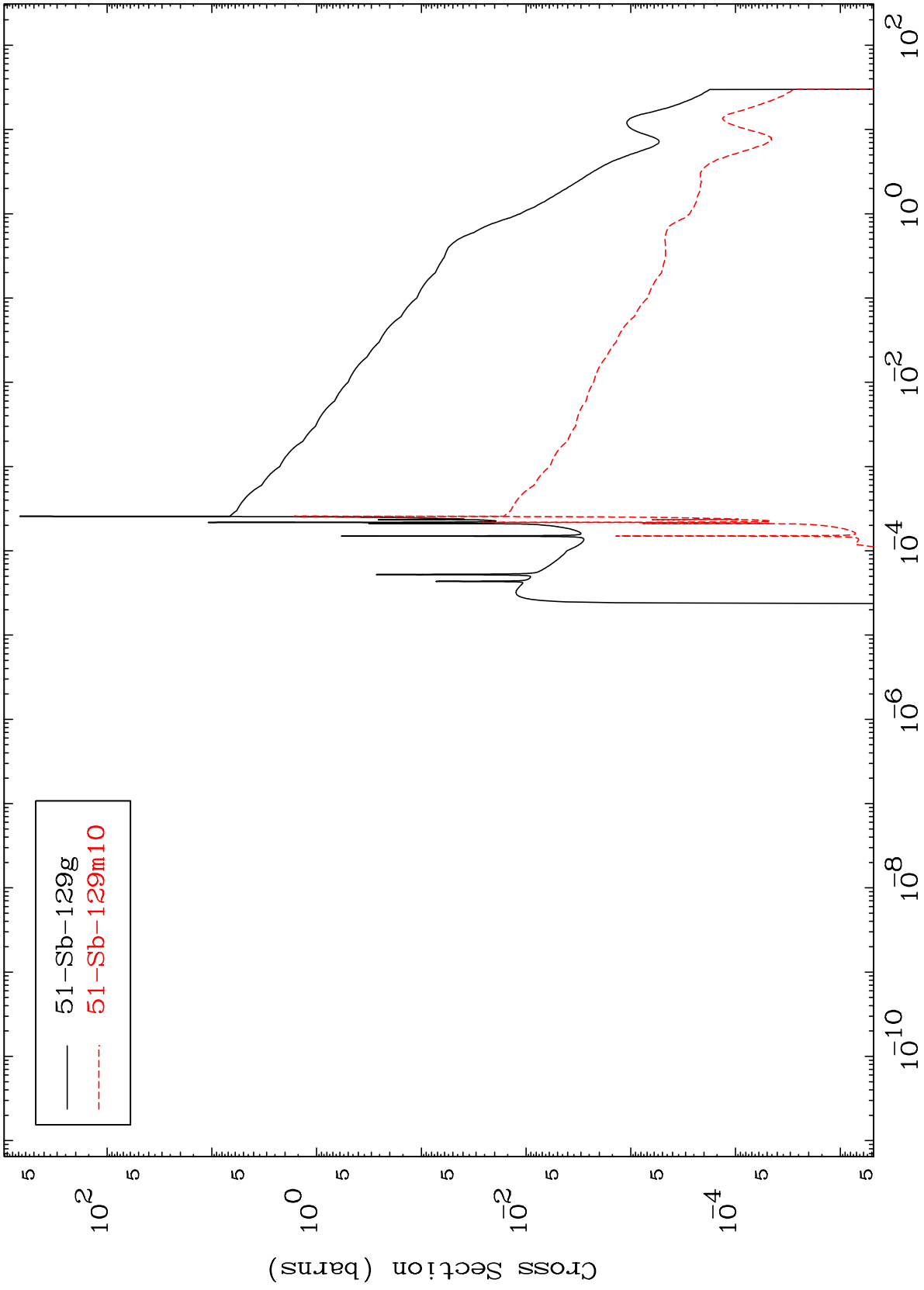
Incident Energy (MeV)

51-Sb-128

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51-Sb-128

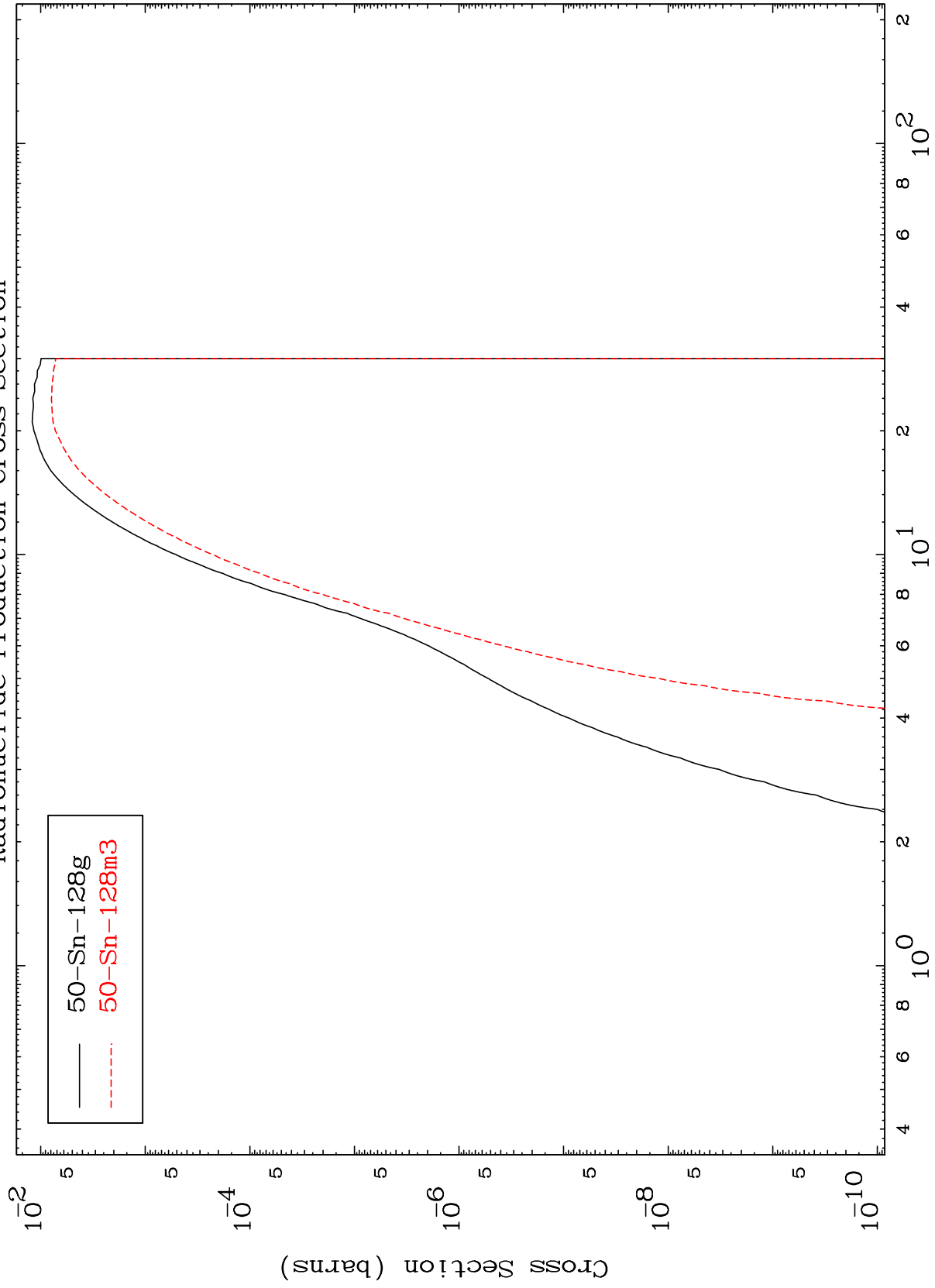
Radionuclide Production Cross Section (n,γ)



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51-Sb-128

(n,p)
Radionuclide Production Cross Section



30

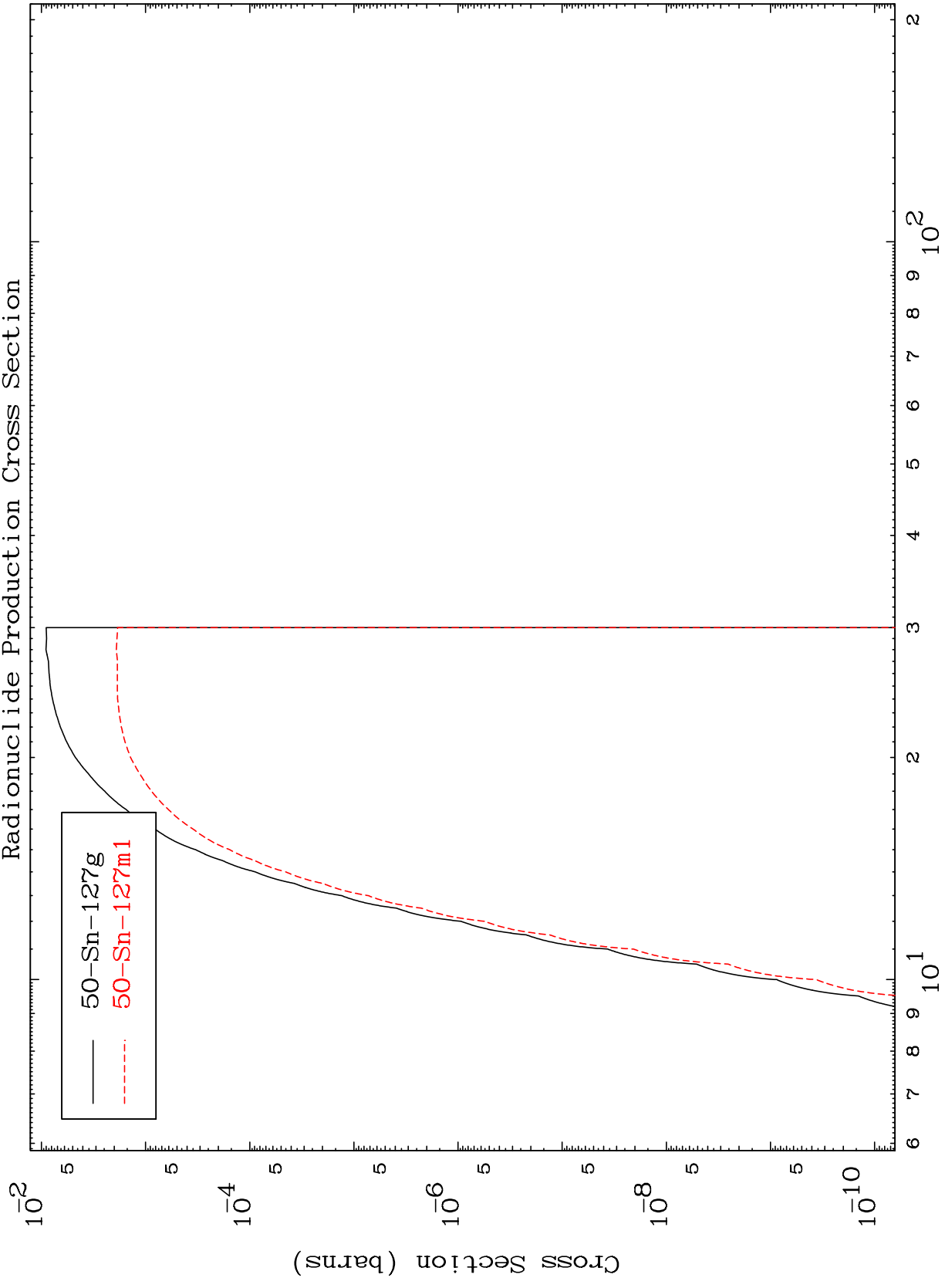
Incident Energy (MeV)

51-Sb-128

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51-Sb-128

Radionuclide Production Cross Section (n,d)



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

31

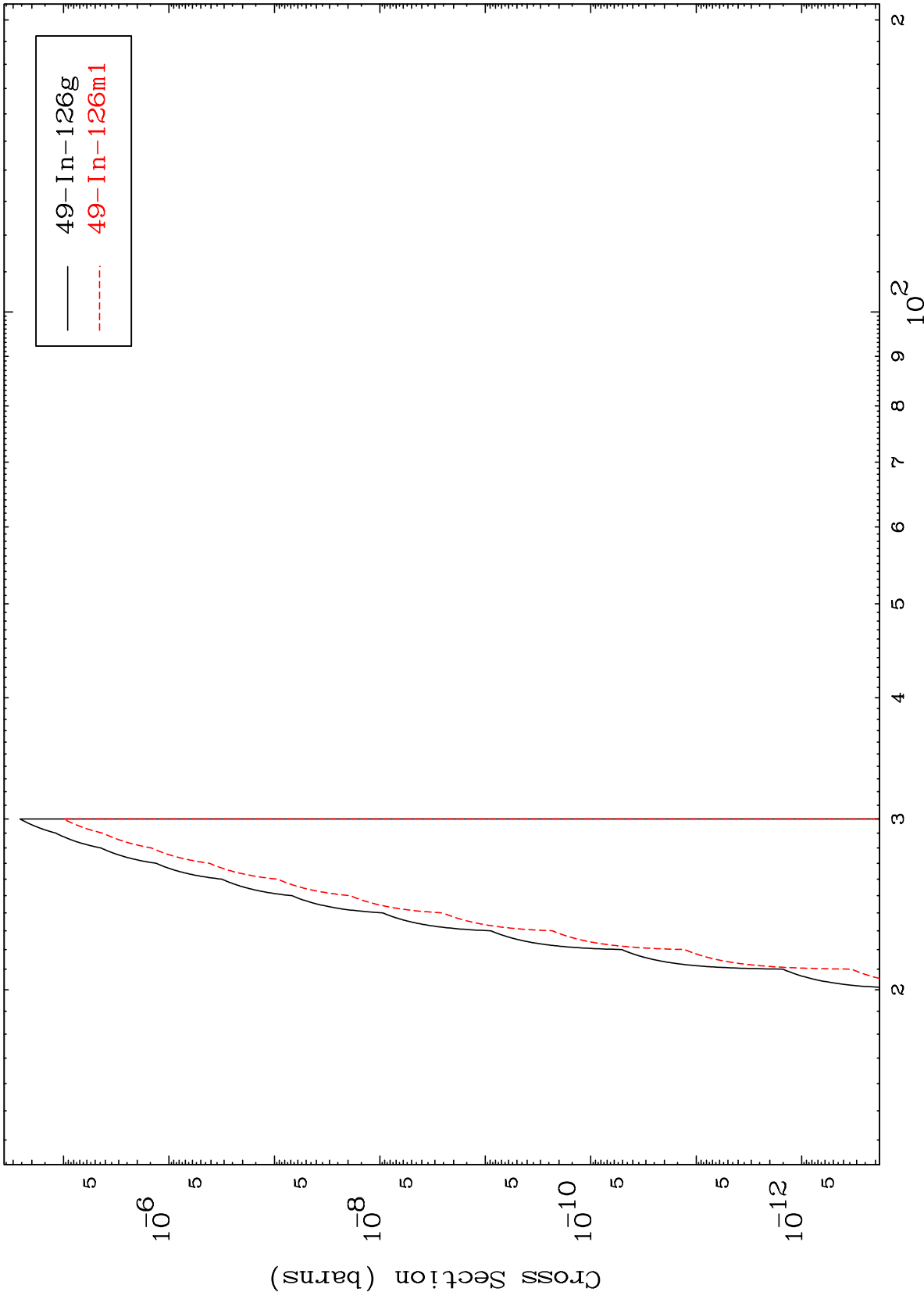
51-Sb-128

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(n, He-3)

51-Sb-128

Radionuclide Production Cross Section



32

Incident Energy (MeV)

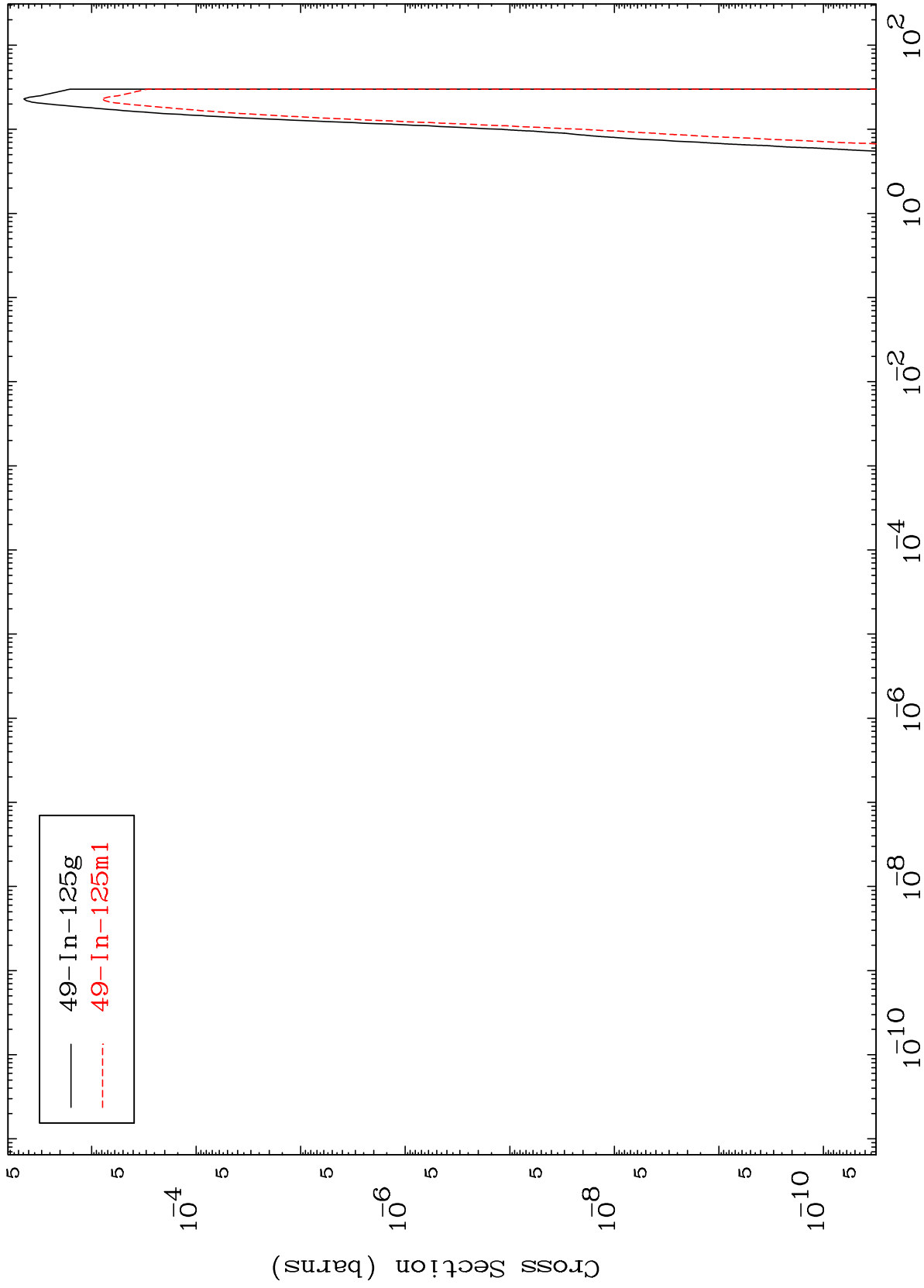
51-Sb-128

MAT 5147

(n, α)

51-Sb-128

Radionuclide Production Cross Section

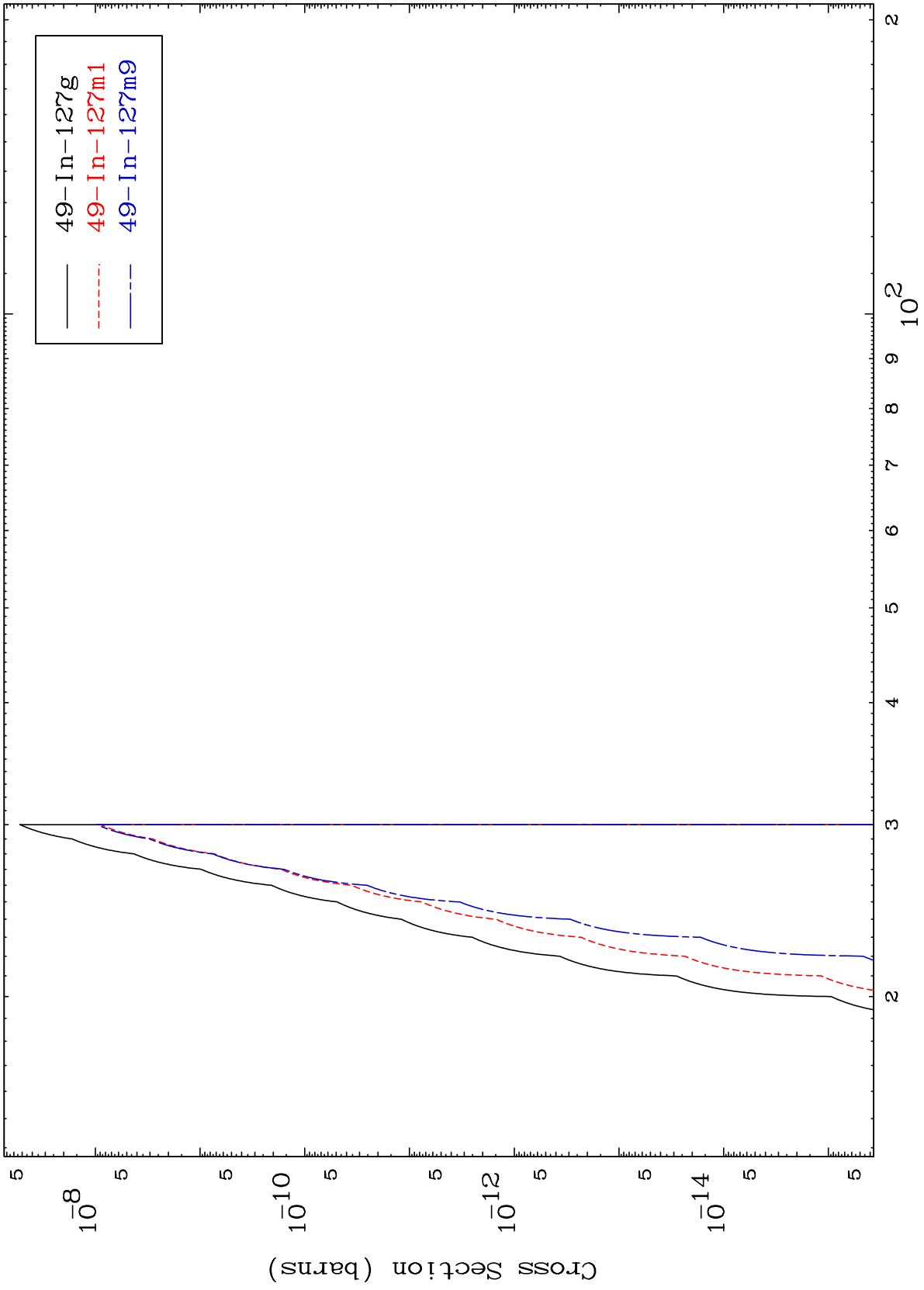


— 49-In-125g
- - - 49-In-125m1

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51-Sb-128

(n,2p)
Radionuclide Production Cross Section



34

51-Sb-128