

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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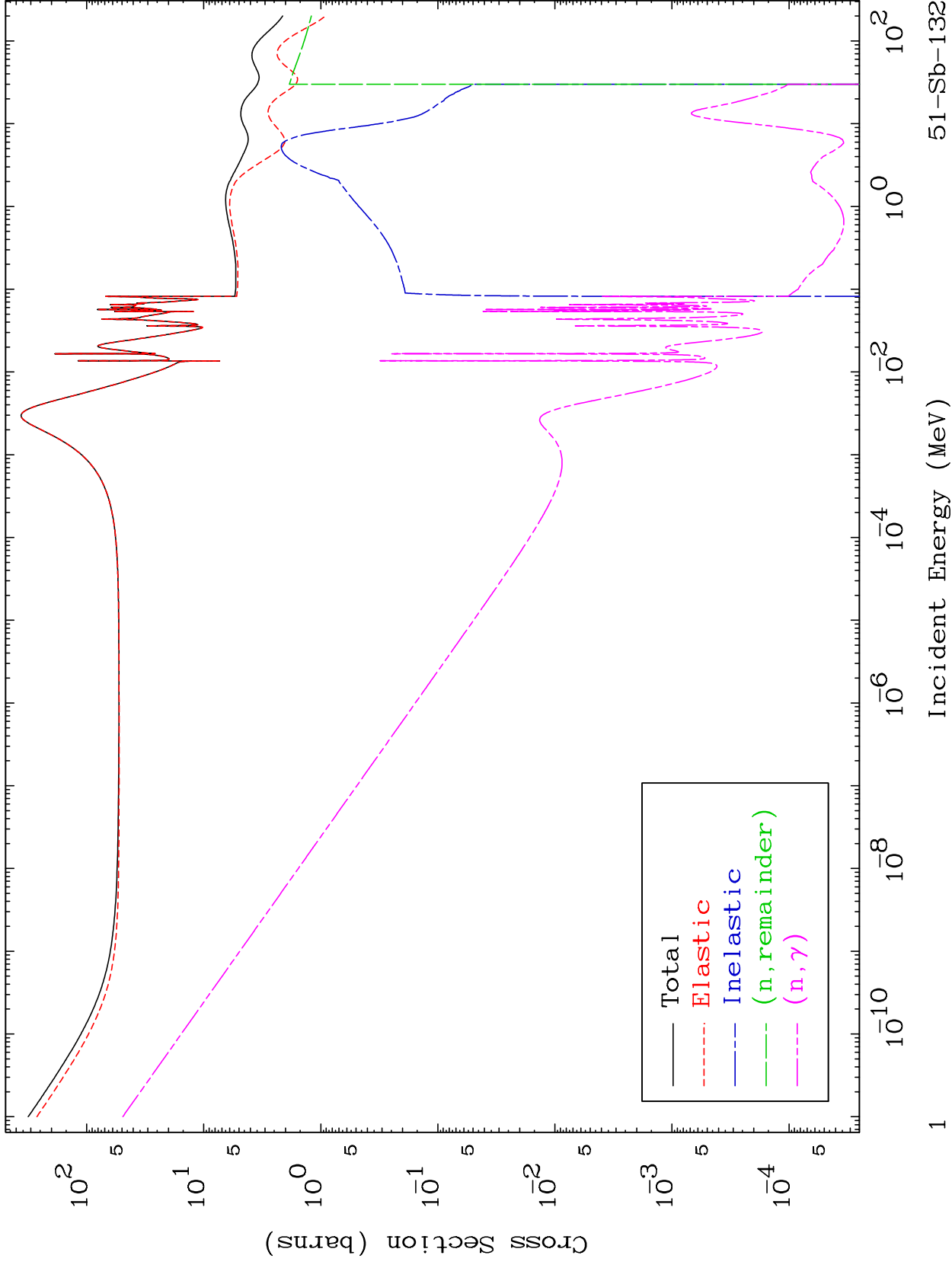
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

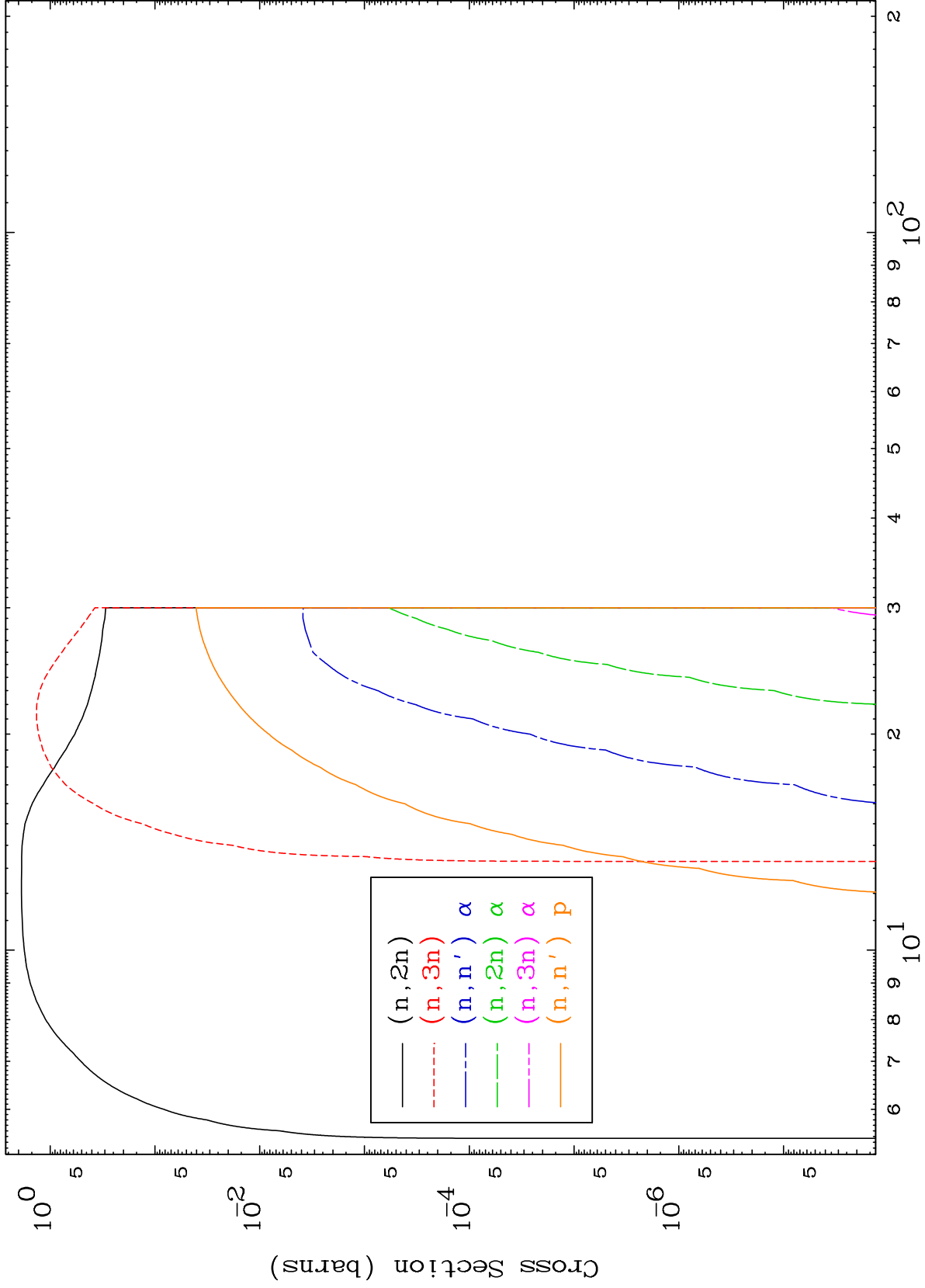
Press Mouse Button to Start

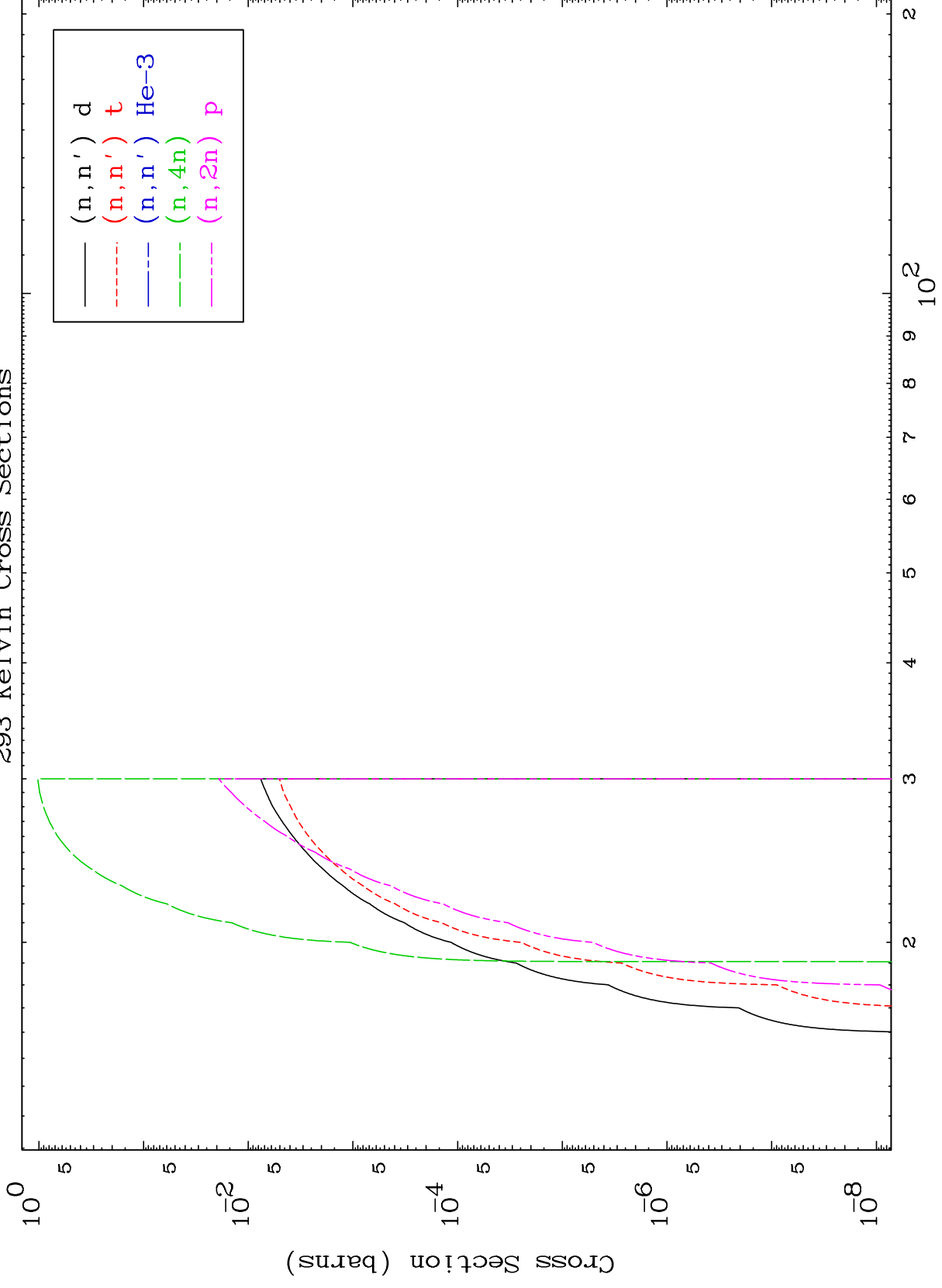
MAT 5159

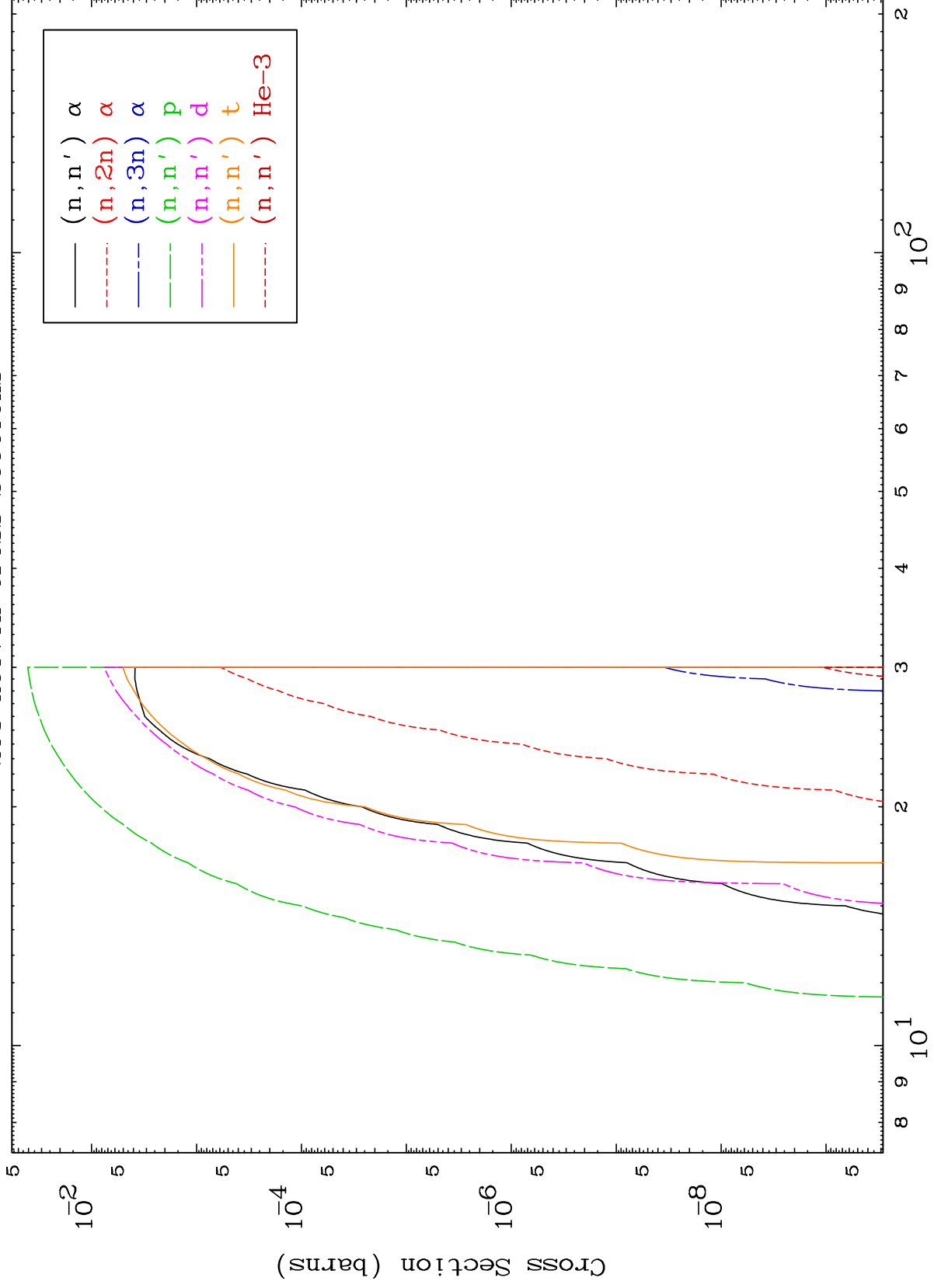
Major  
293 Kelvin Cross Sections

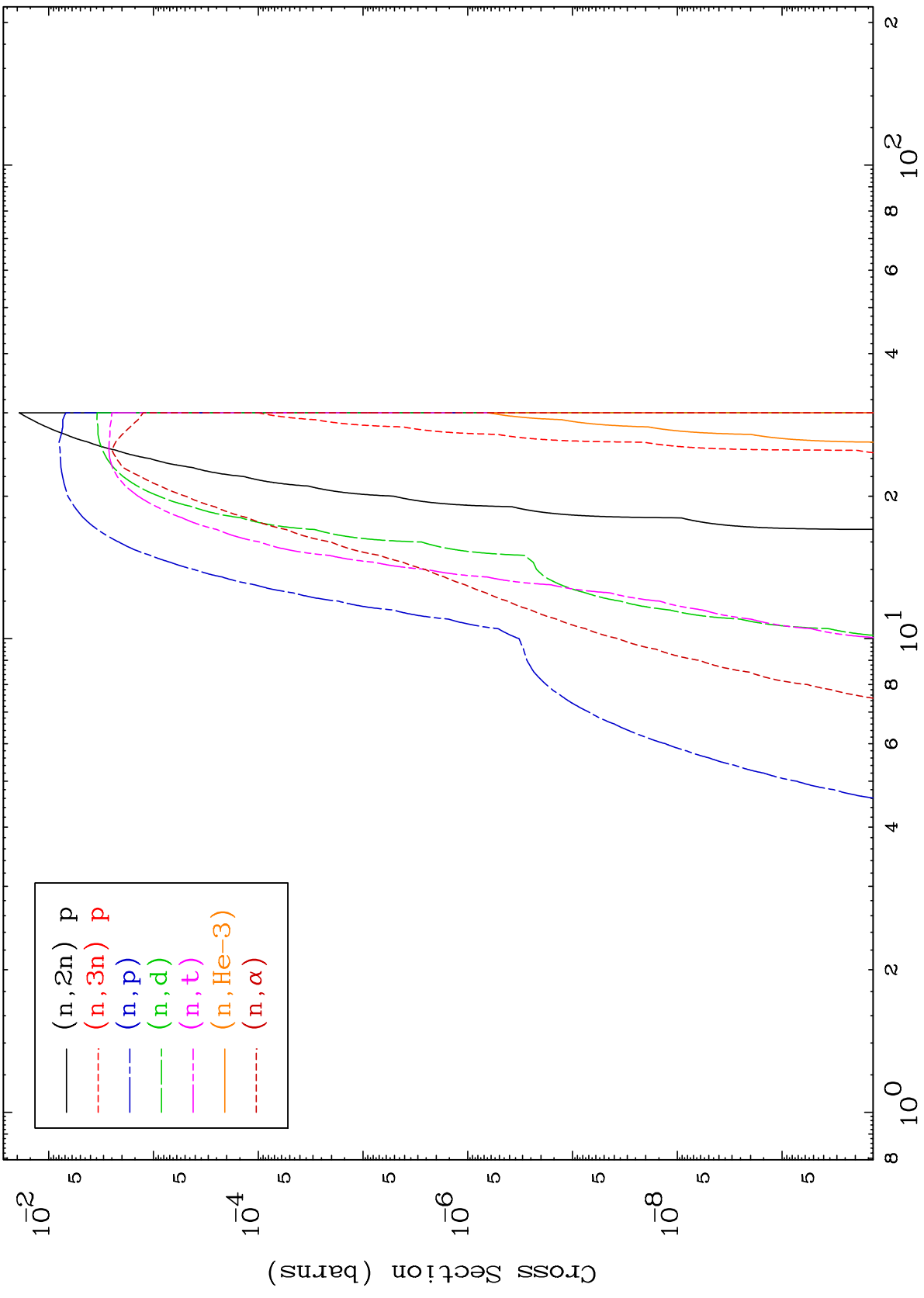
51-Sb-132







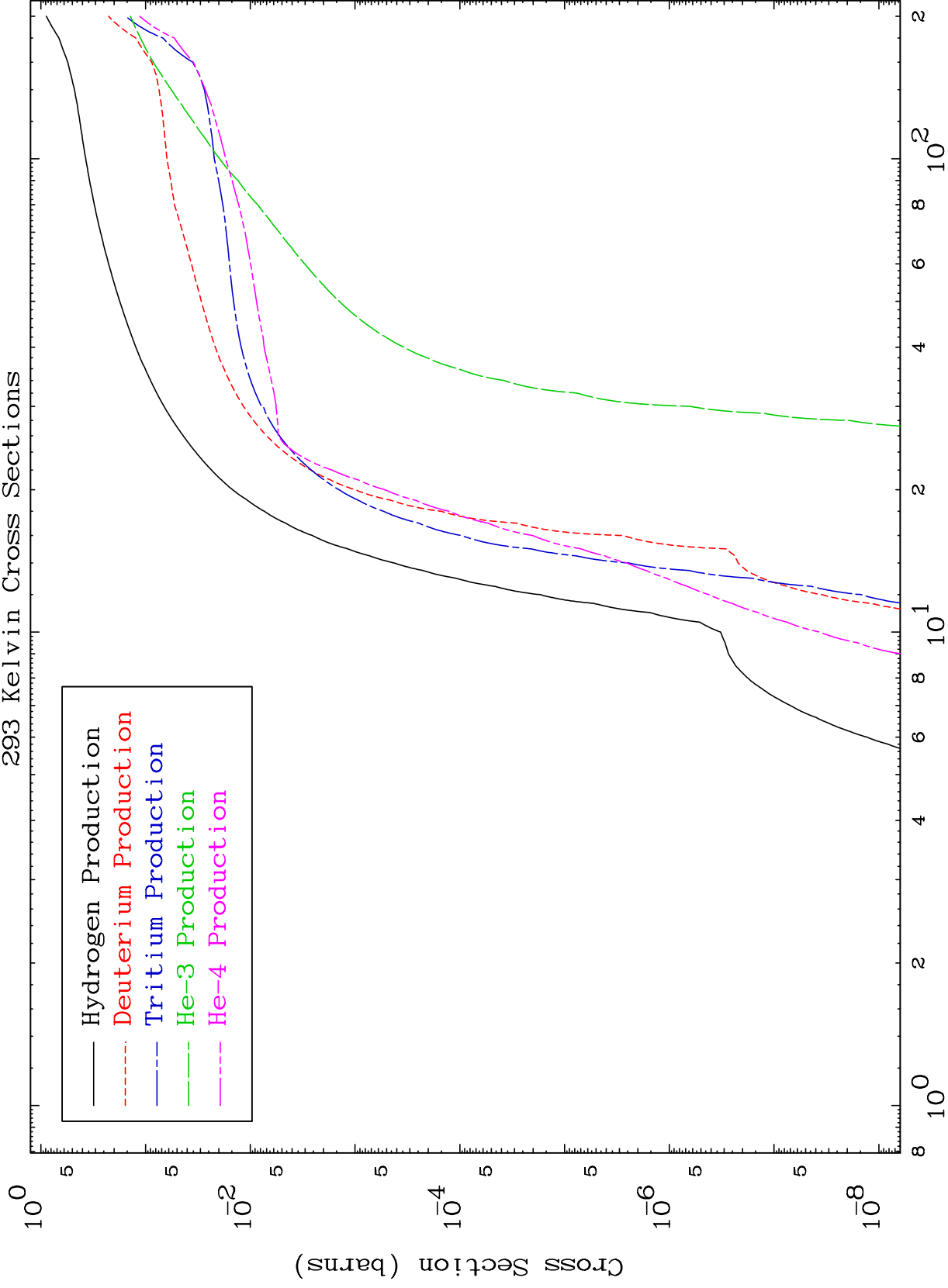




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Particle Production  
293 Kelvin Cross Sections

51-Sb-132



51-Sb-132

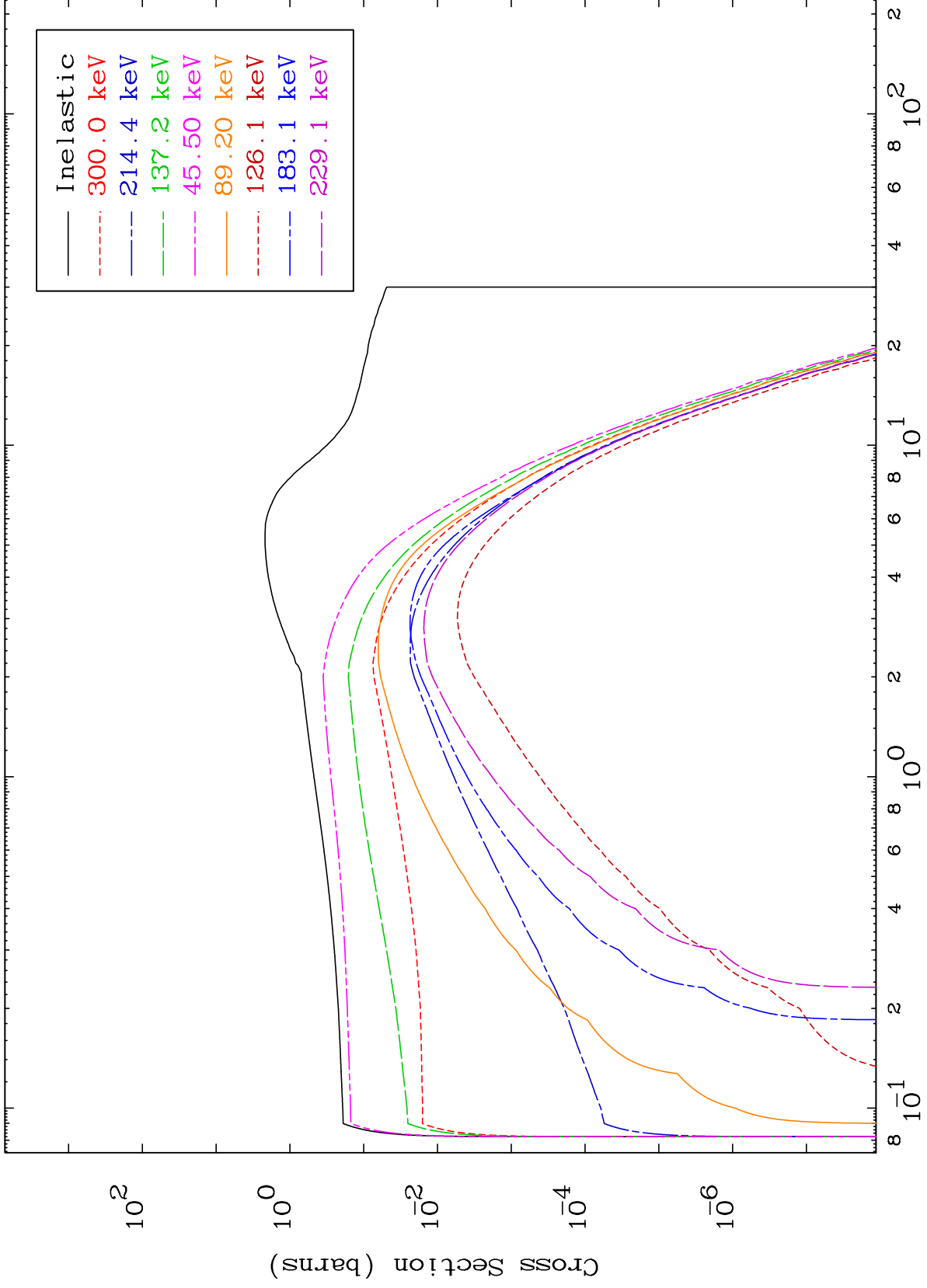
Incident Energy (MeV)

6

MAT 5159

(n,n') Level  
293 Kelvin Cross Sections

51-Sb-132



51-Sb-132

Incident Energy (MeV)

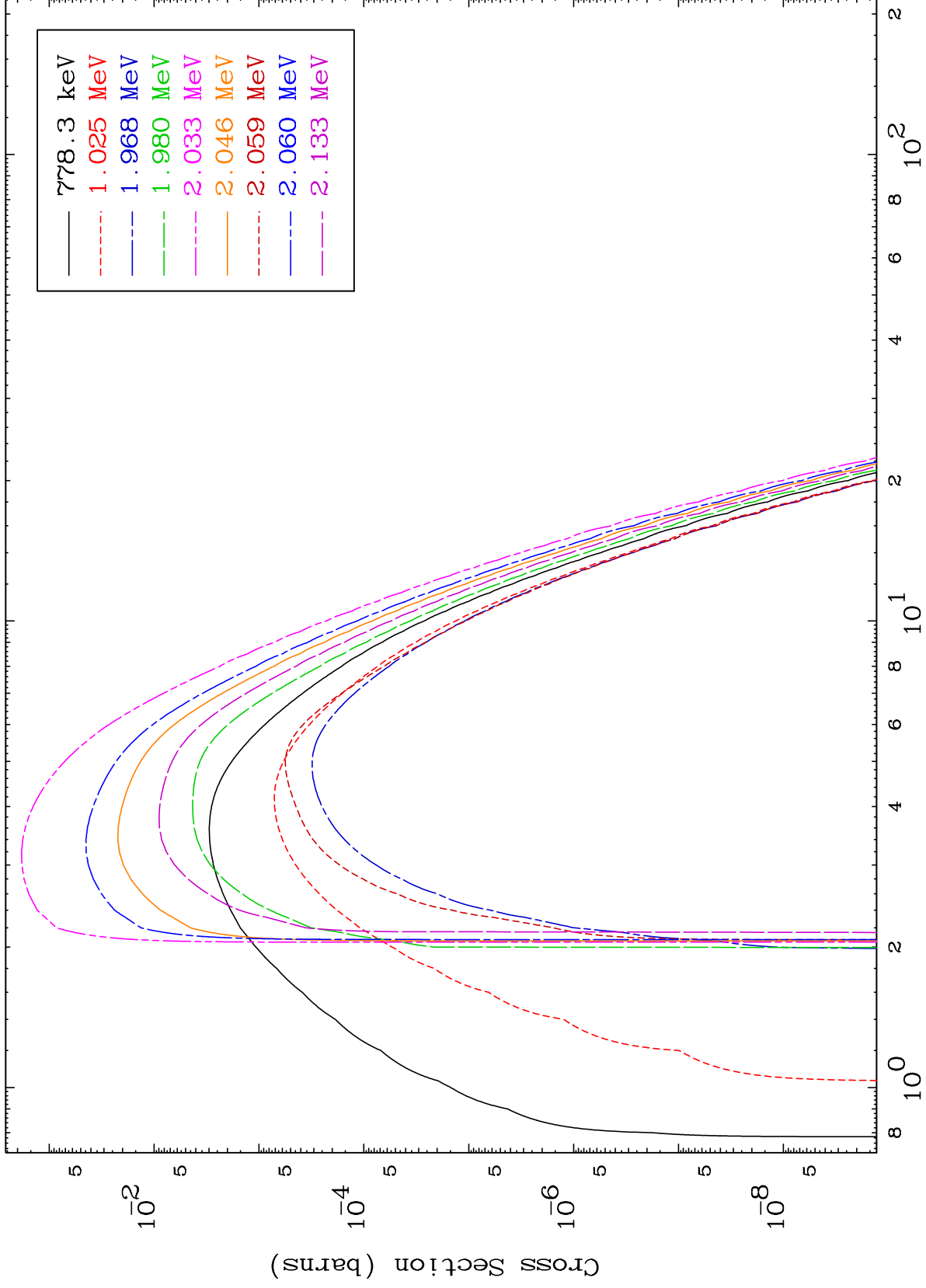
7



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(n,n') Level  
293 Kelvin Cross Sections

51-Sb-132



8

Incident Energy (MeV)

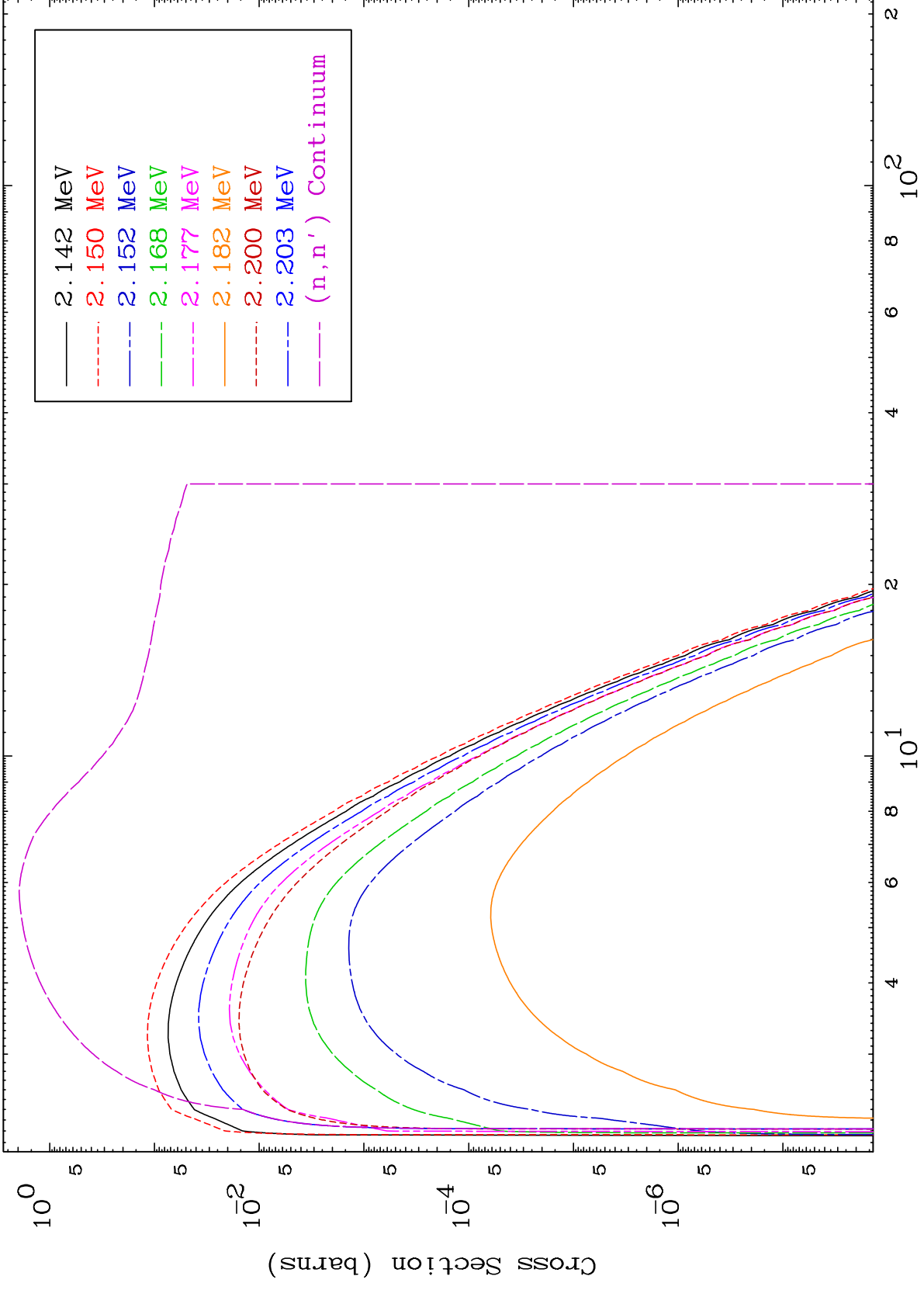
51-Sb-132

MAT 5159

(n,n') Level

51-Sb-132

293 Kelvin Cross Sections



9

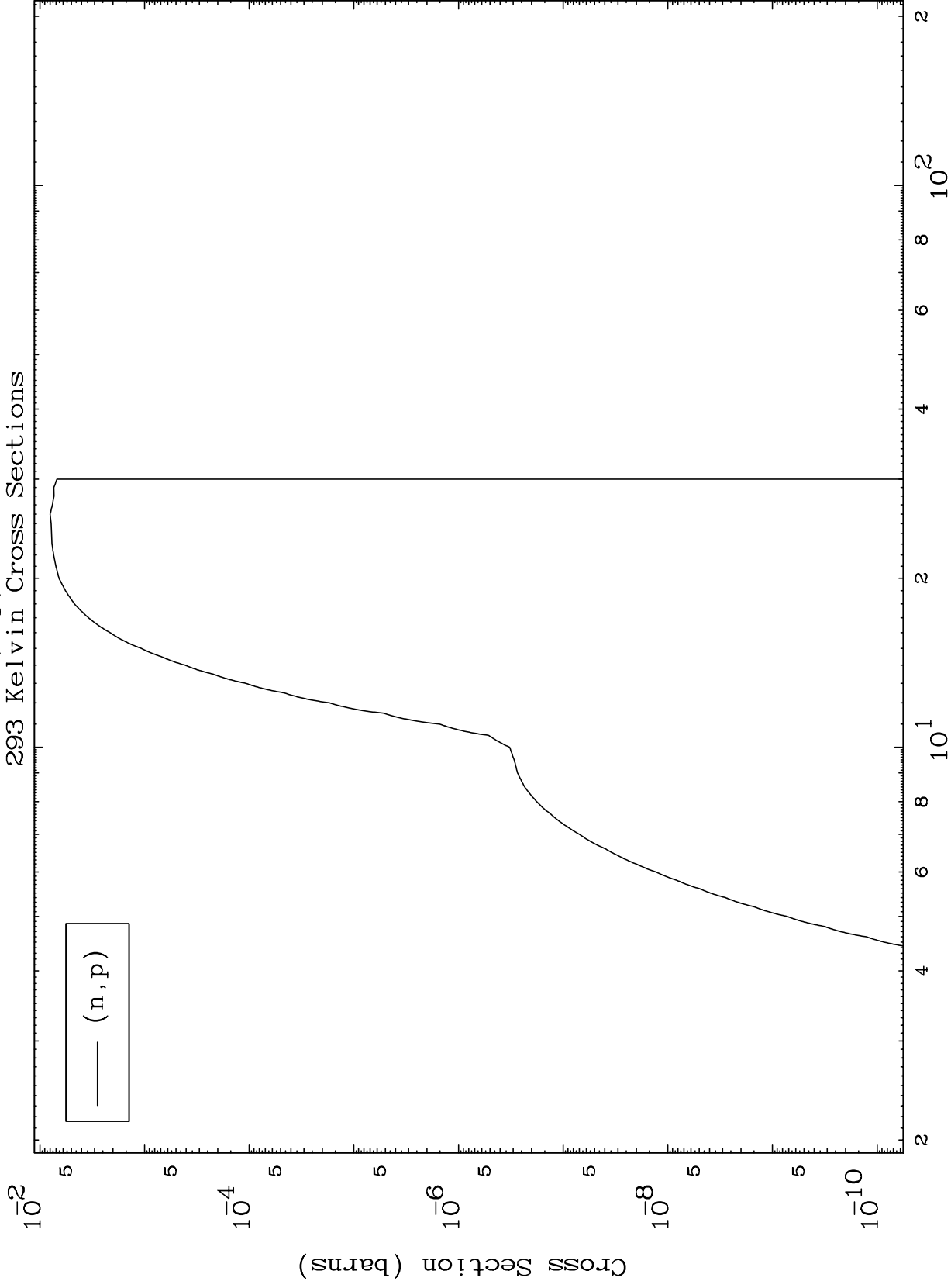
Incident Energy (MeV)

51-Sb-132

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(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-132



10

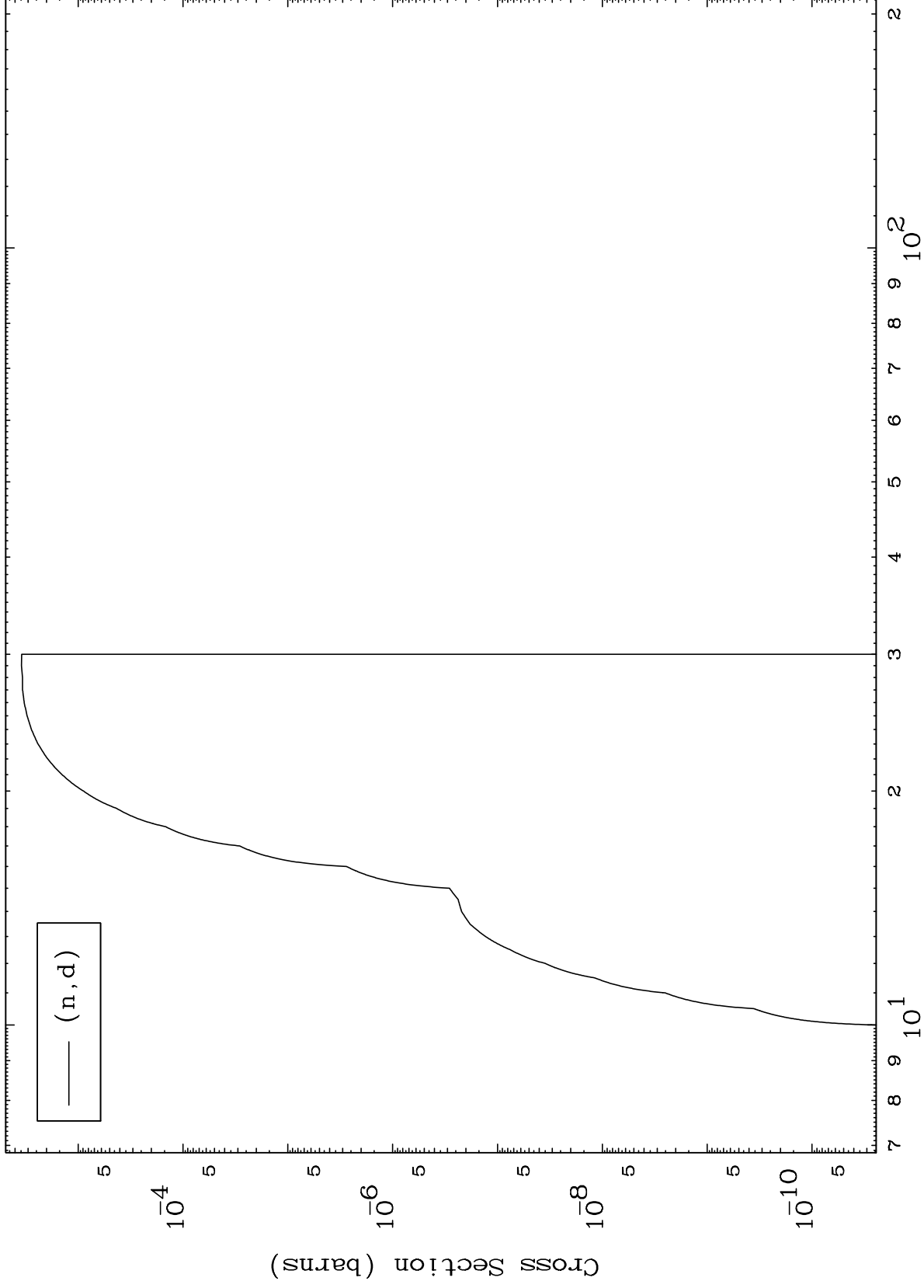
Incident Energy (MeV)

51-Sb-132

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(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-132



11

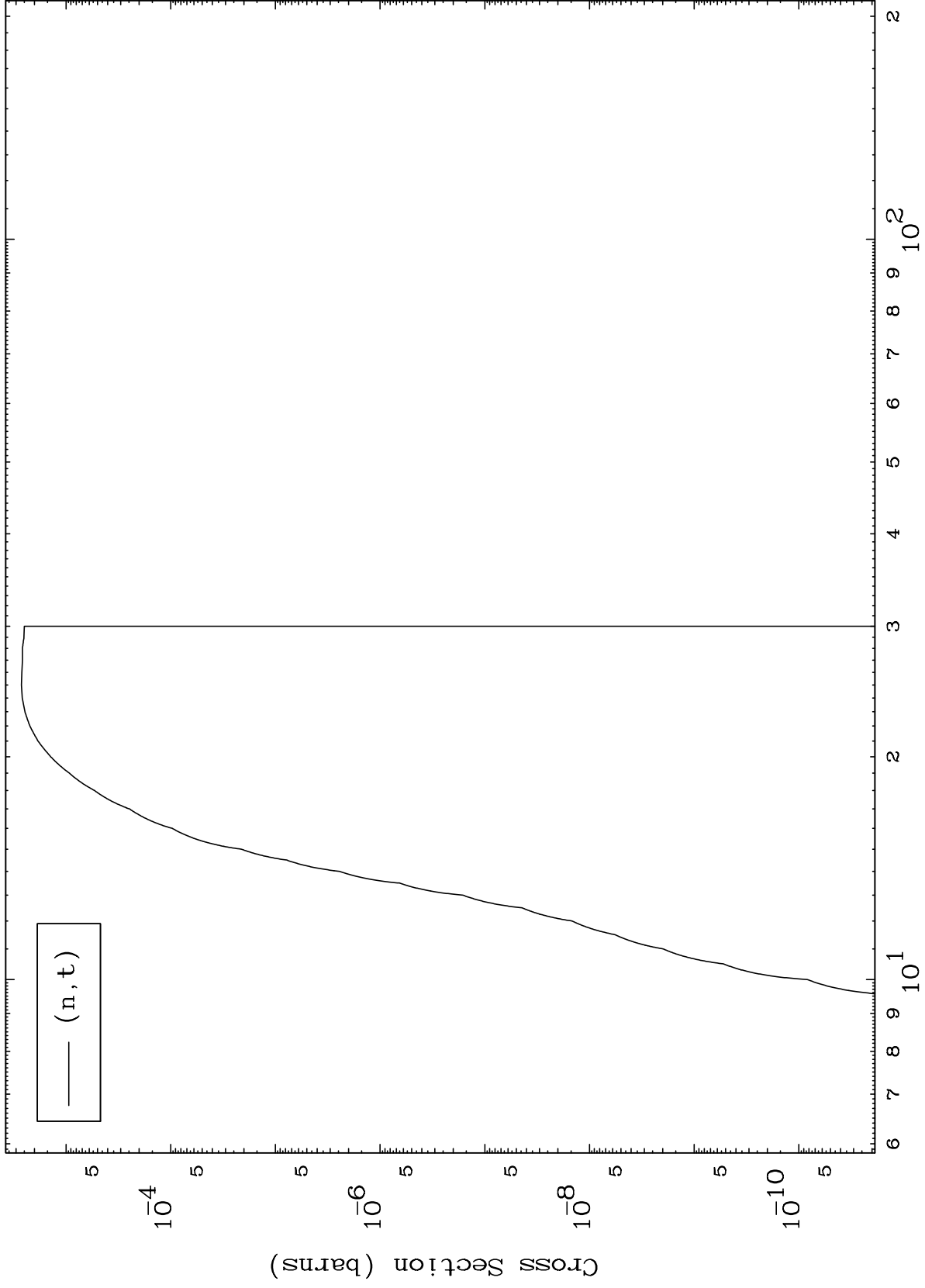
Incident Energy (MeV)

51-Sb-132

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(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-132



12

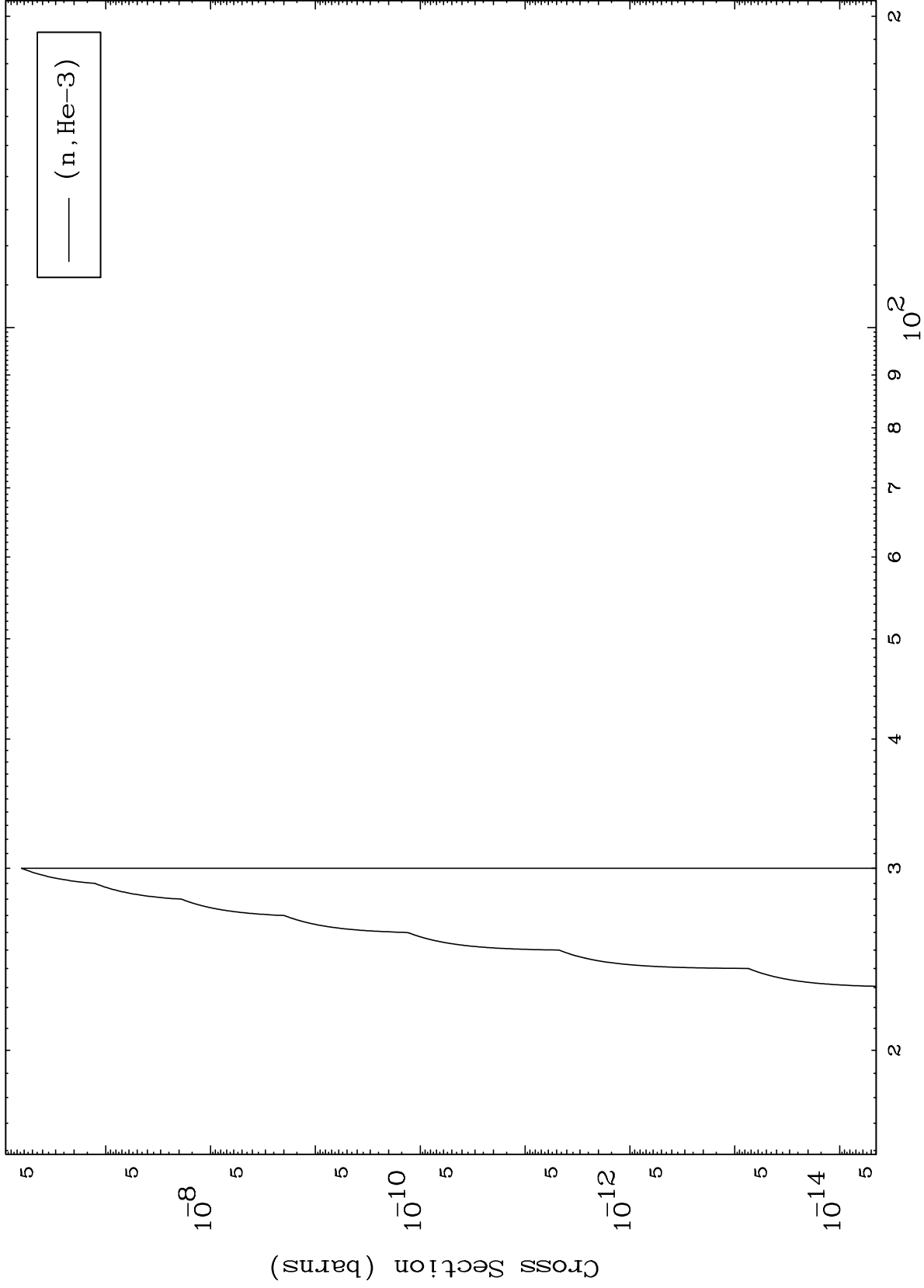
Incident Energy (MeV)

51-Sb-132

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(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-132



13

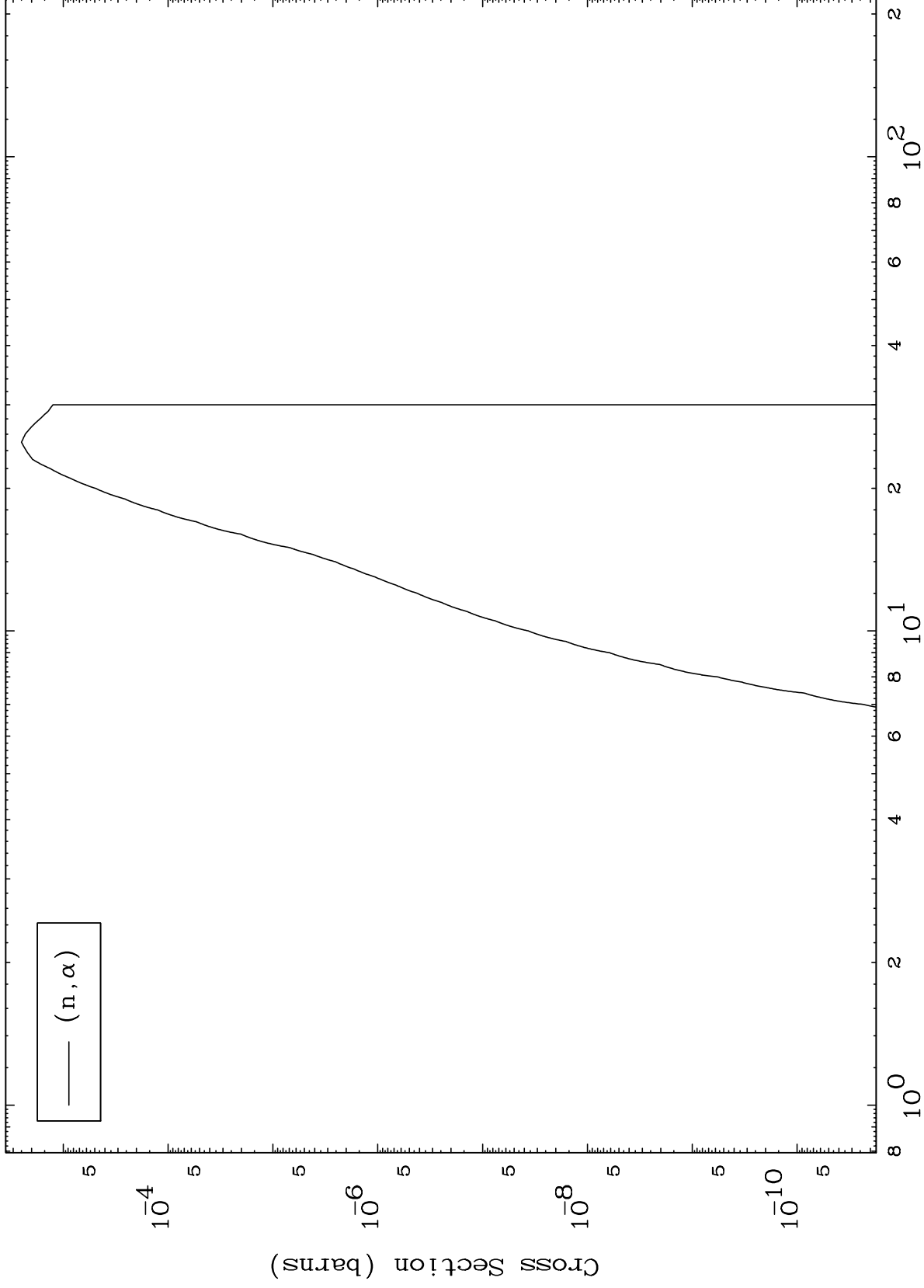
Incident Energy (MeV)

51-Sb-132

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(n,α) Levels  
293 Kelvin Cross Sections

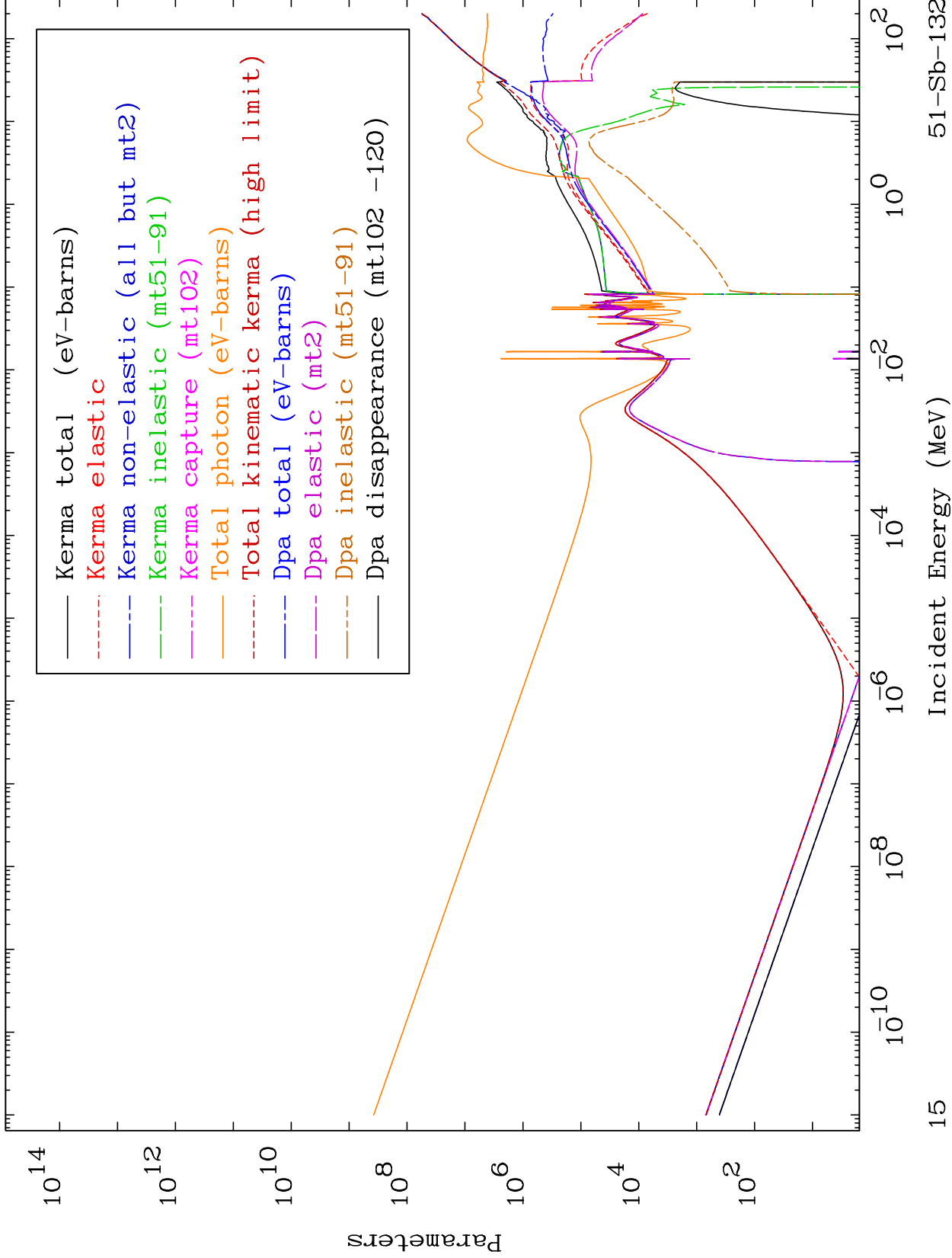
51-Sb-132



14

Incident Energy (MeV)

51-Sb-132

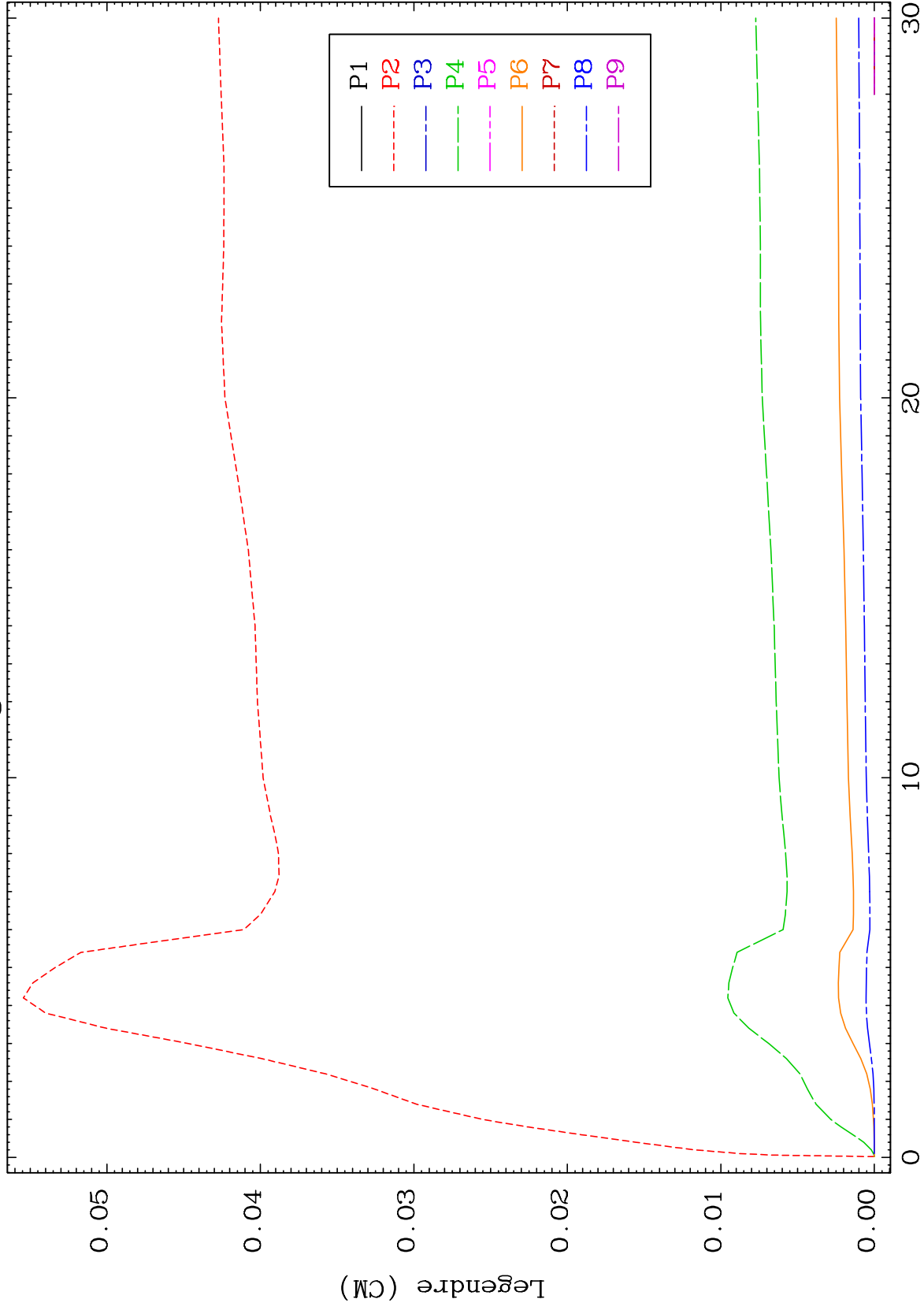




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Elastic Legendre Coefficients

51-Sb-132



16

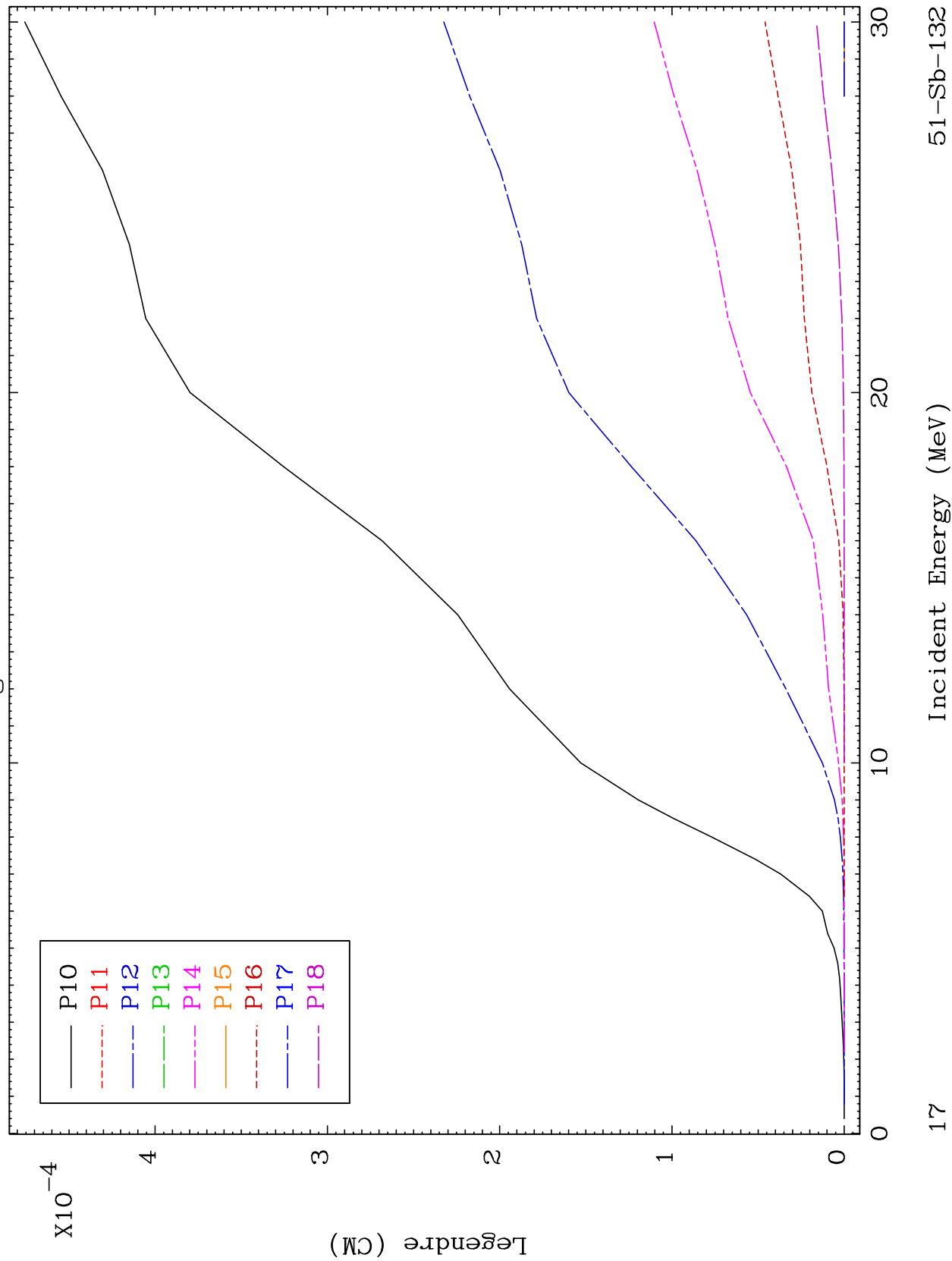
Incident Energy (MeV)

51-Sb-132

MAT 5159

Elastic Legendre Coefficients

51-Sb-132



17

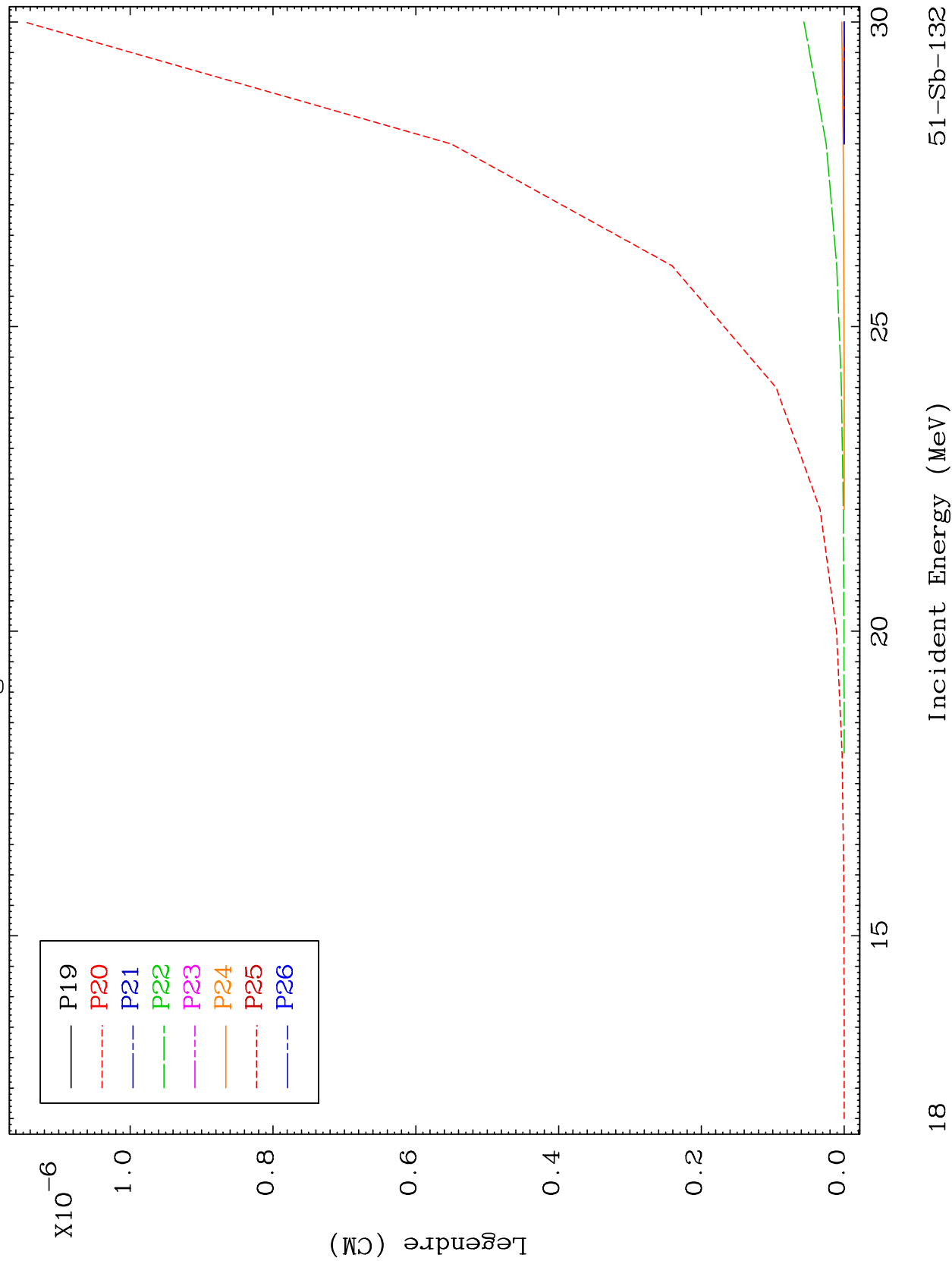
Incident Energy (MeV)

51-Sb-132

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Elastic  
Legendre Coefficients

51-Sb-132



18

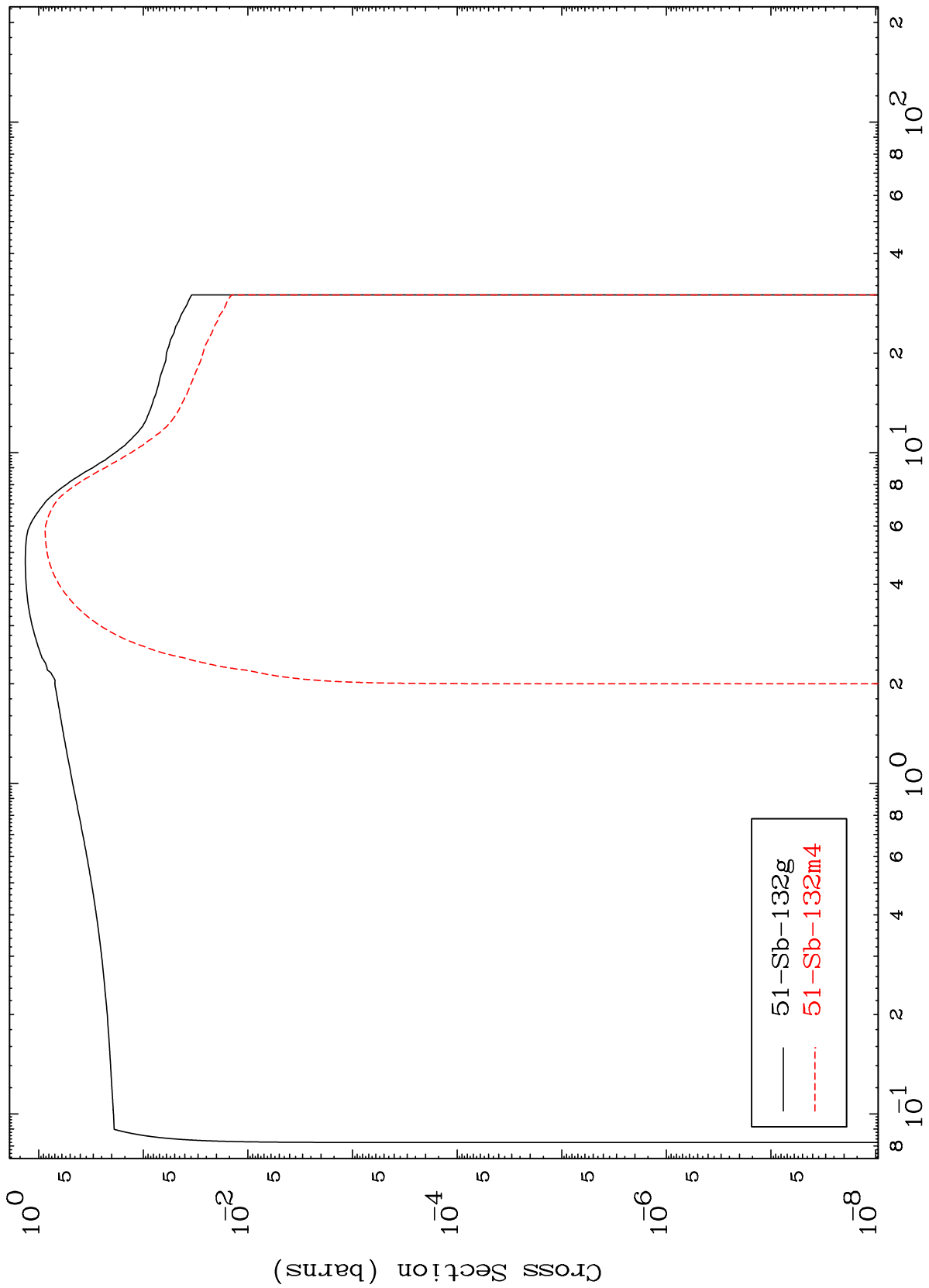
Incident Energy (MeV)

51-Sb-132

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51-Sb-132

Inelastic  
Radionuclide Production Cross Section



— 51-Sb-132g  
- - - 51-Sb-132m4

51-Sb-132

Incident Energy (MeV)

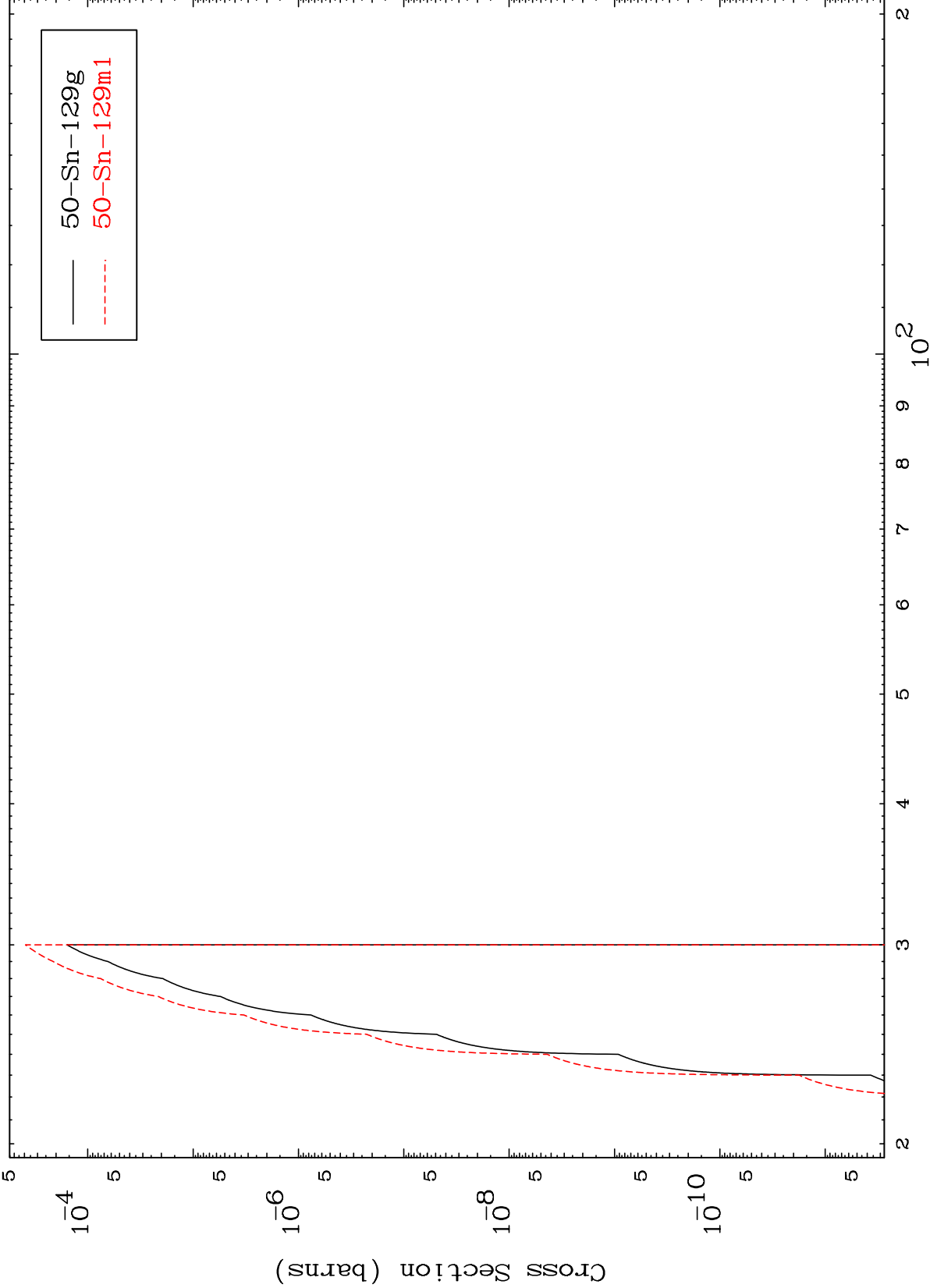
19

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(n,2n) d

51-Sb-132

Radionuclide Production Cross Section



20

Incident Energy (MeV)

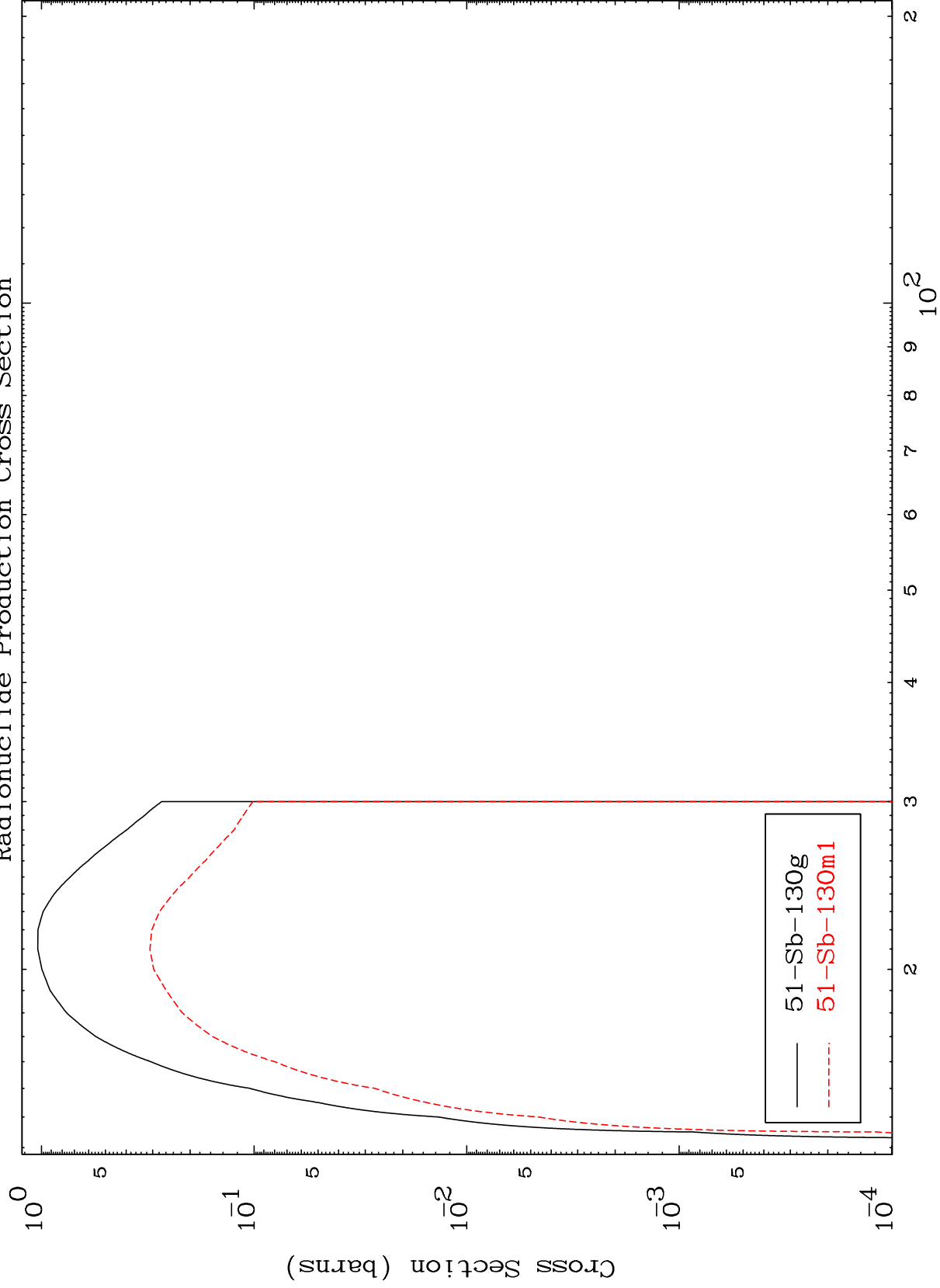
51-Sb-132

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(n,3n)

51-Sb-132

Radionuclide Production Cross Section



21

Incident Energy (MeV)

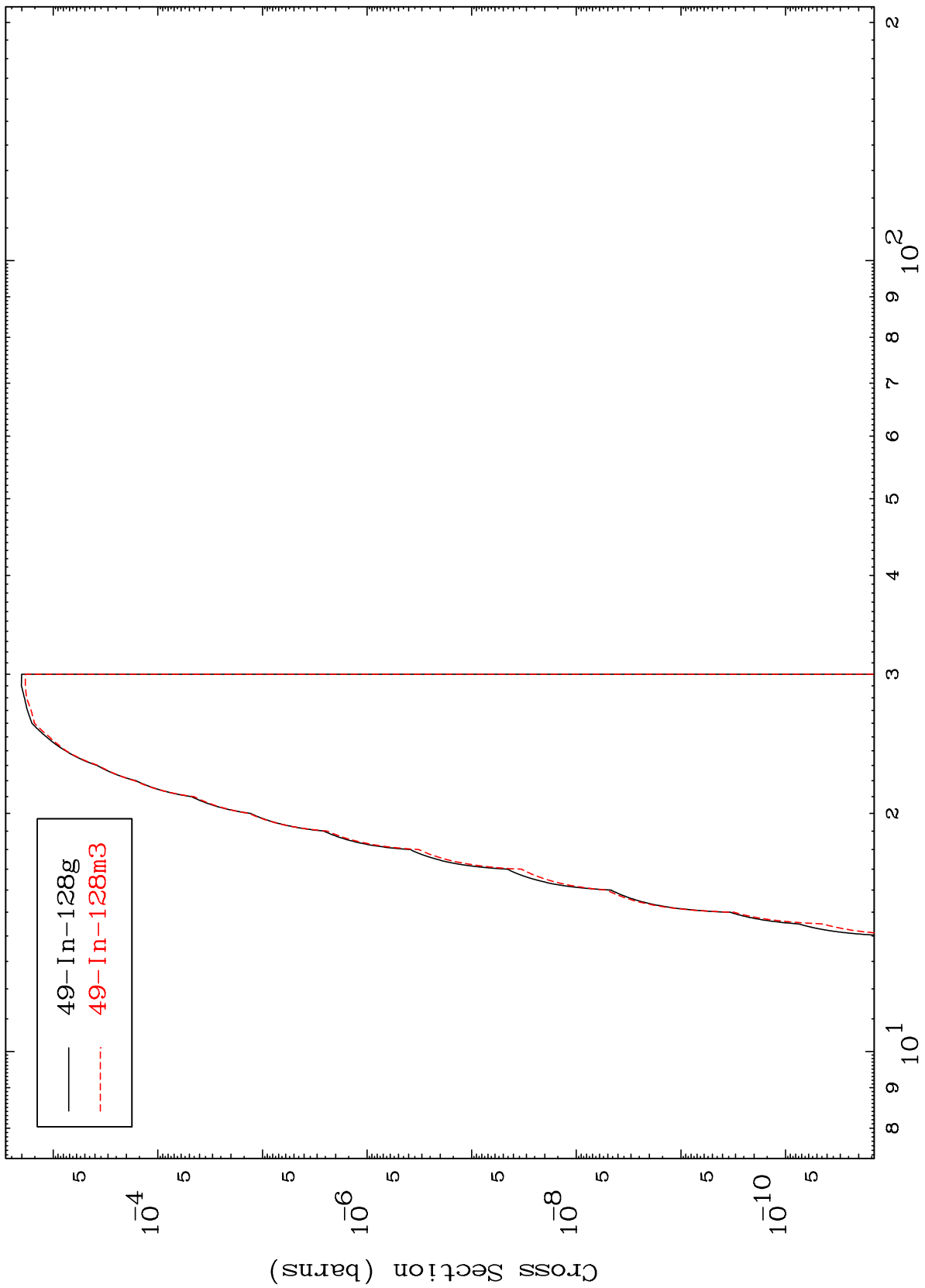
51-Sb-132

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(n,n')  $\alpha$

51-Sb-132

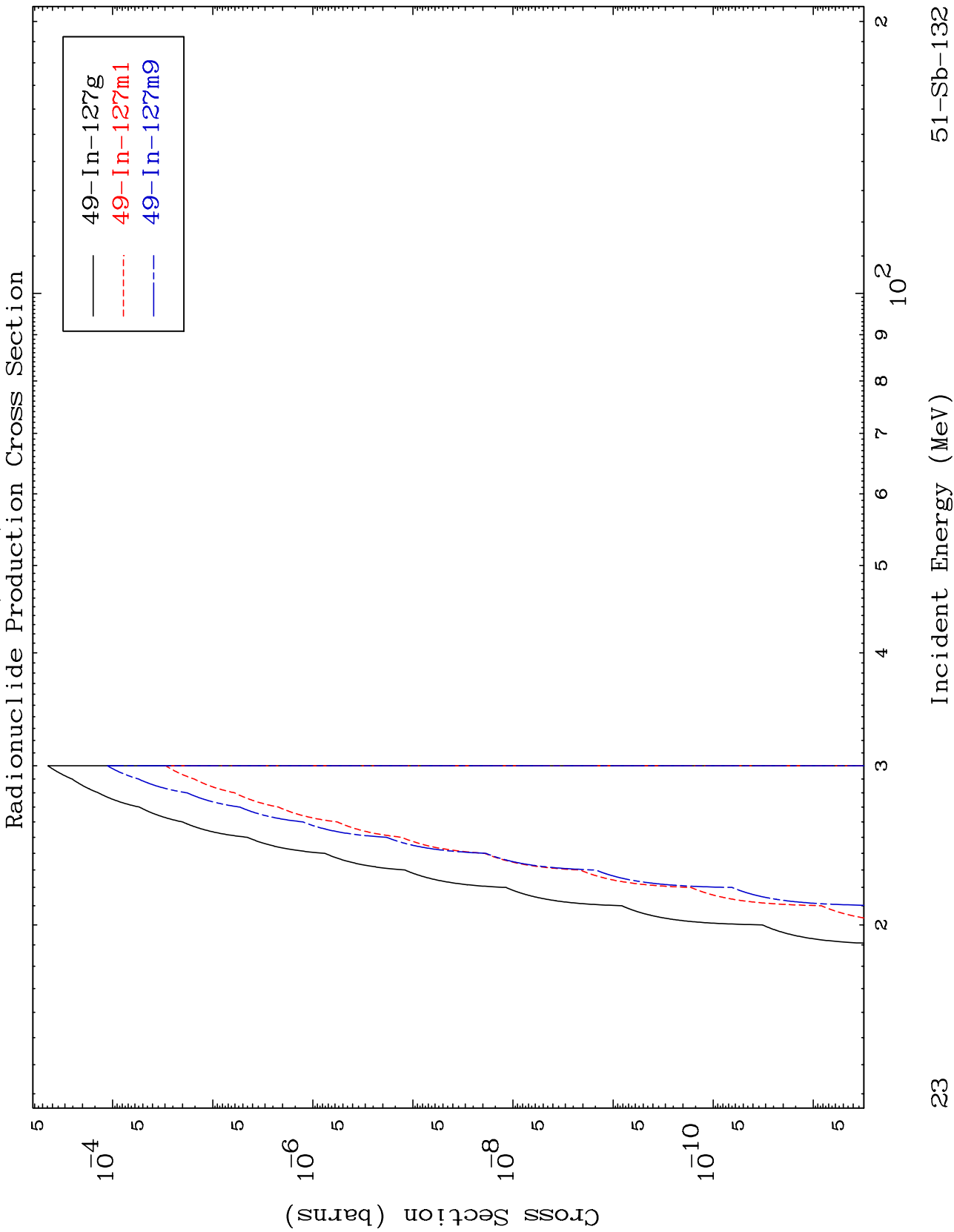
Radionuclide Production Cross Section



22

Incident Energy (MeV)

51-Sb-132



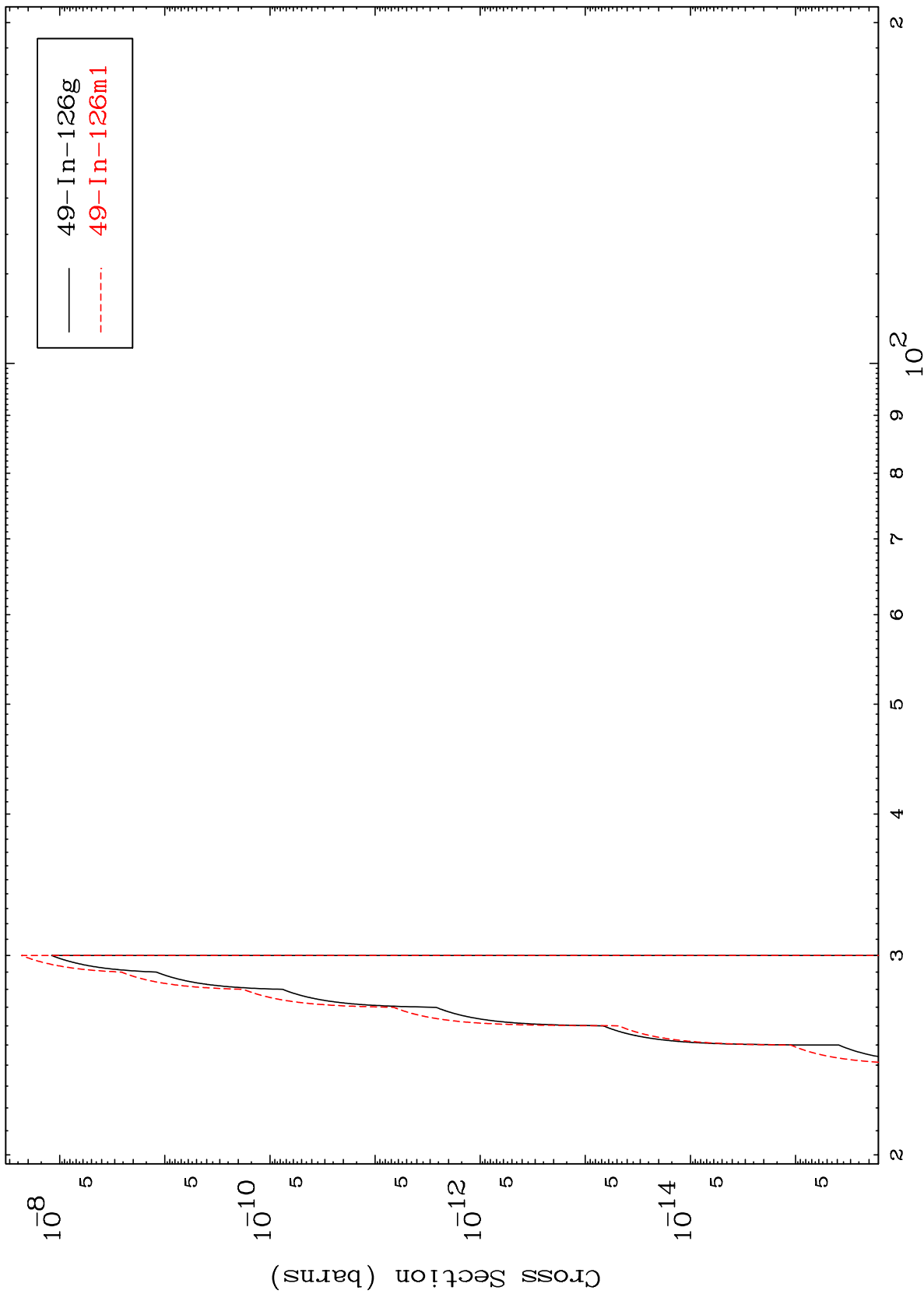


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(n,3n)  $\alpha$

51-Sb-132

Radionuclide Production Cross Section



24

Incident Energy (MeV)

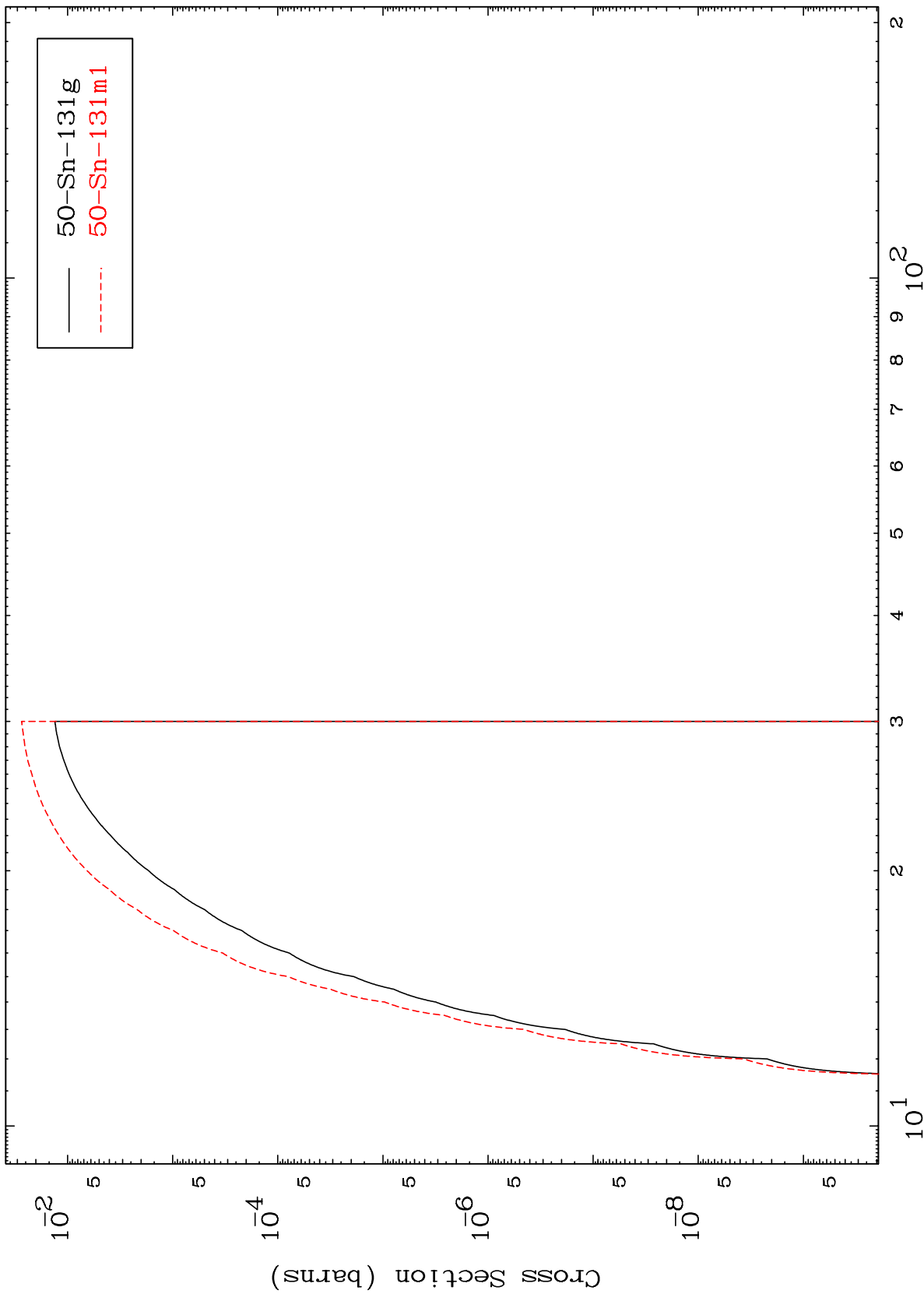
51-Sb-132

MAT 5159

(n,n') p

51-Sb-132

Radionuclide Production Cross Section

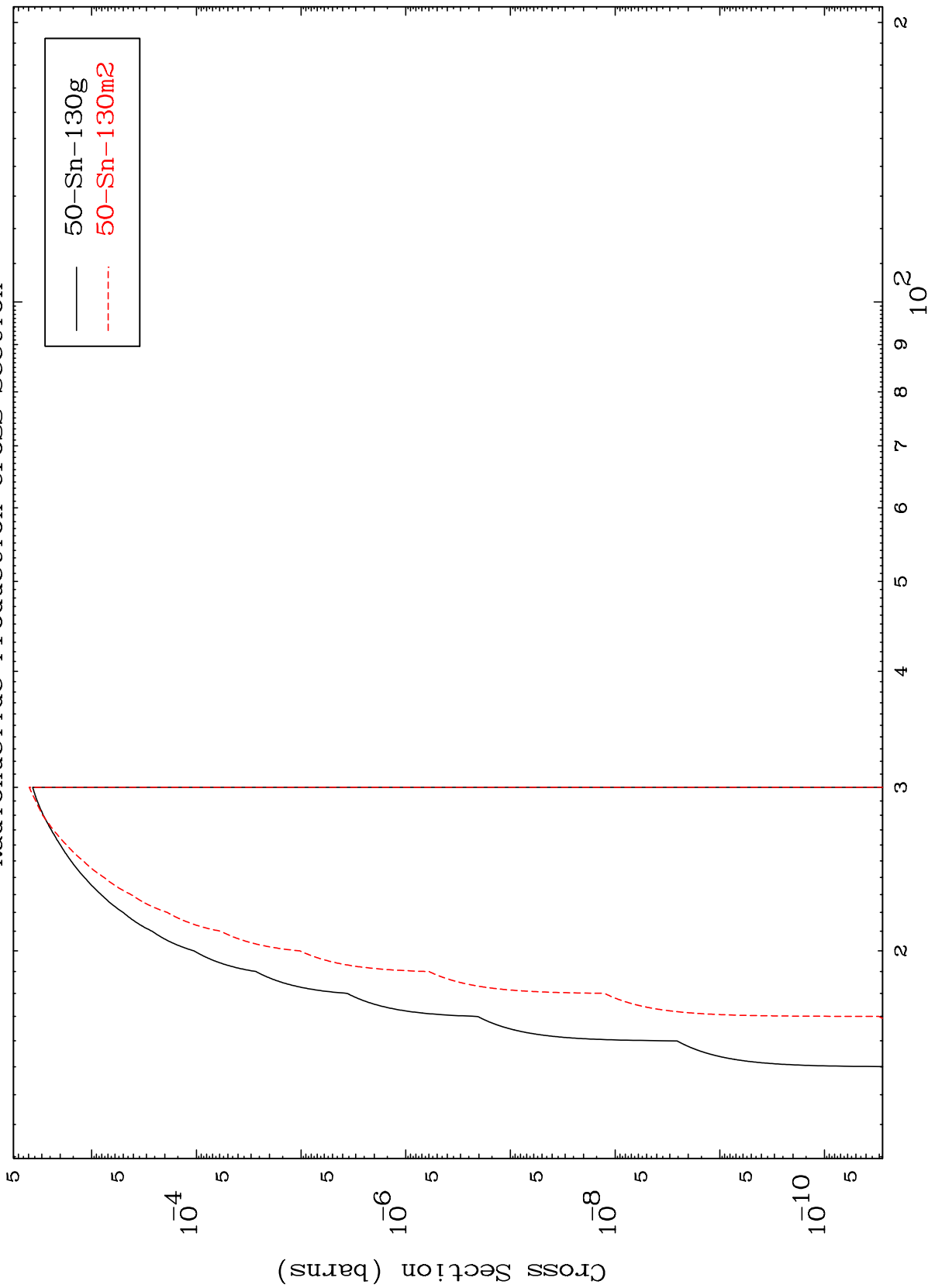


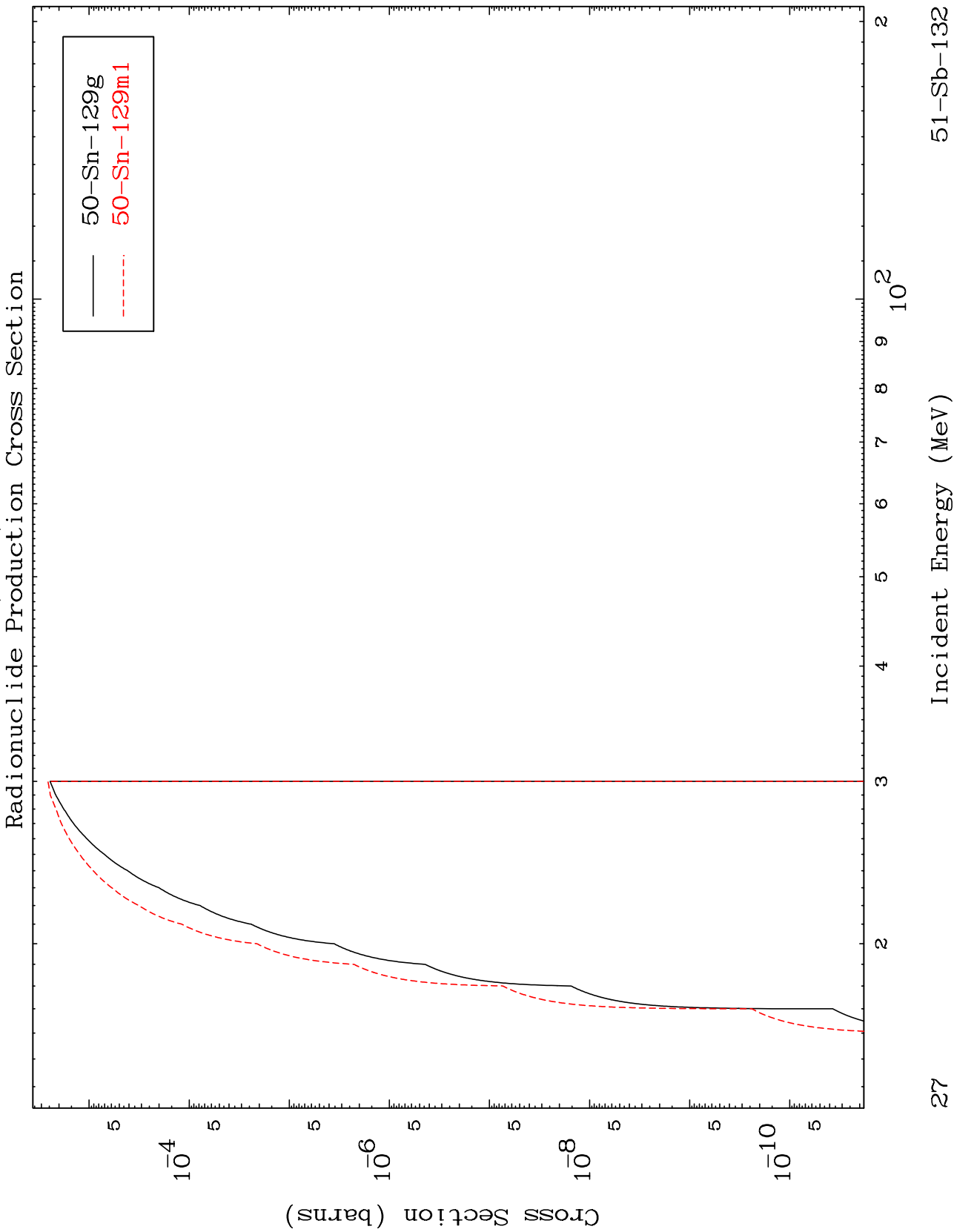
Incident Energy (MeV)

51-Sb-132

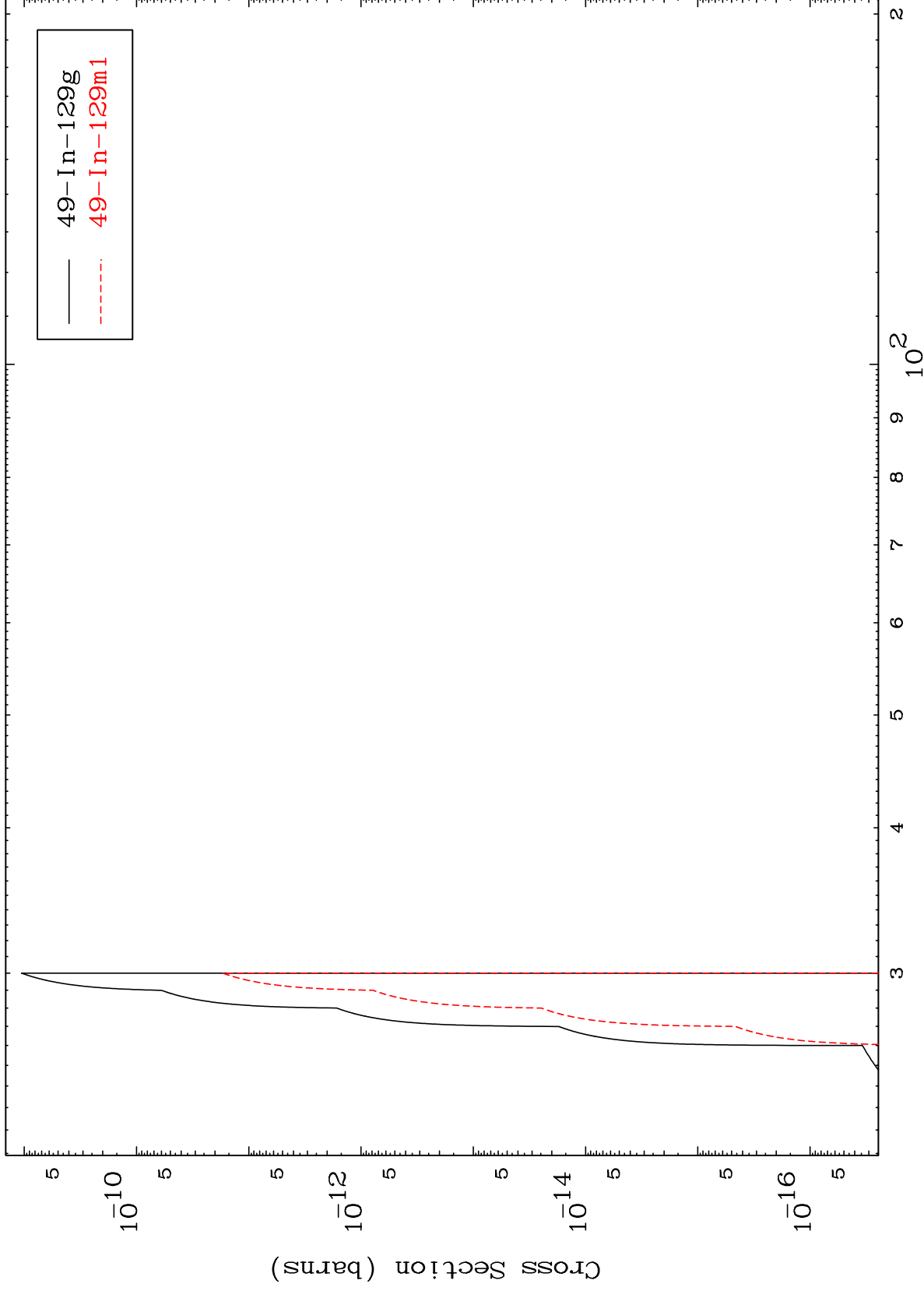
25

Radionuclide Production Cross Section

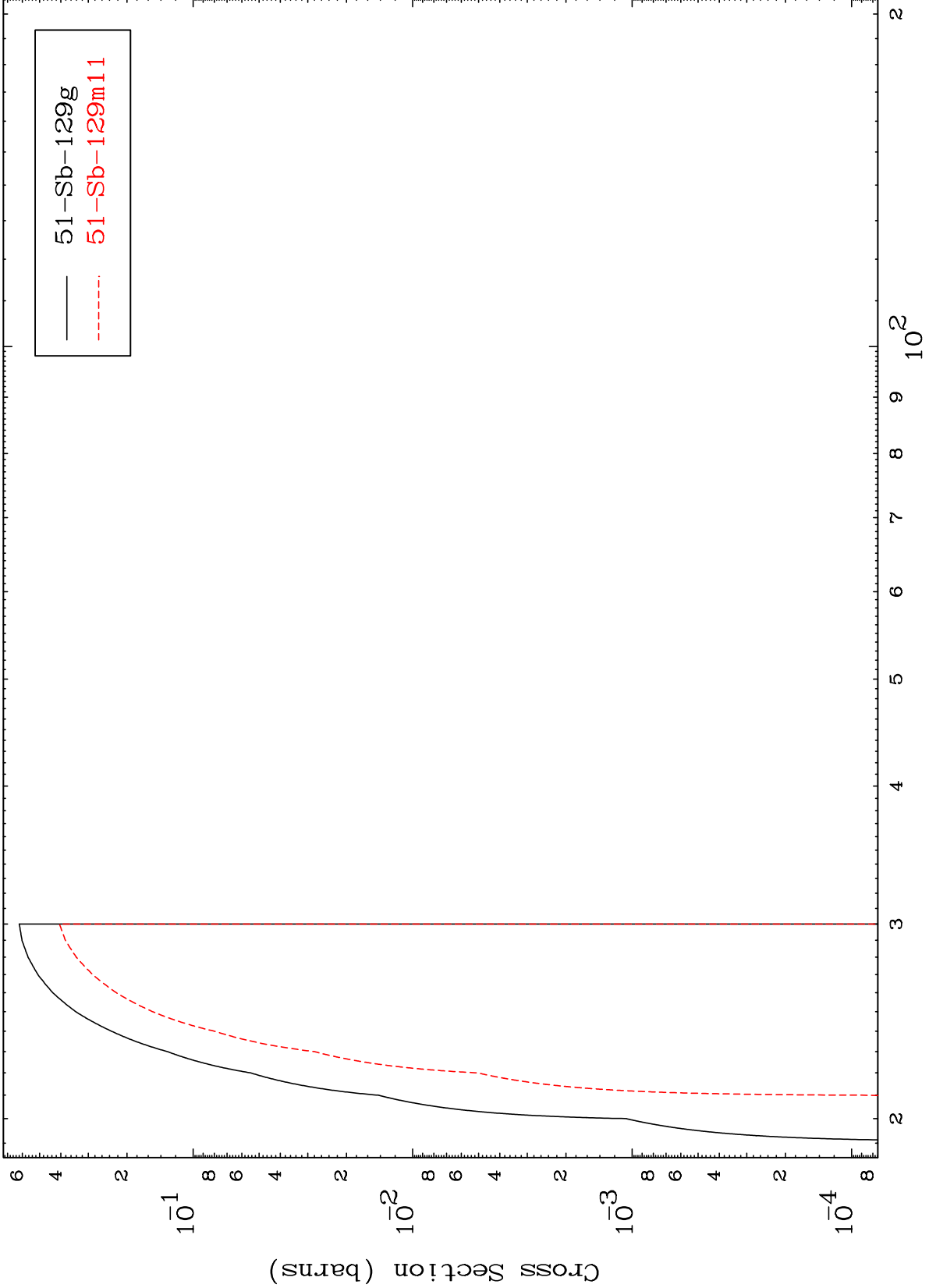




Radionuclide Production Cross Section



Radionuclide Production Cross Section



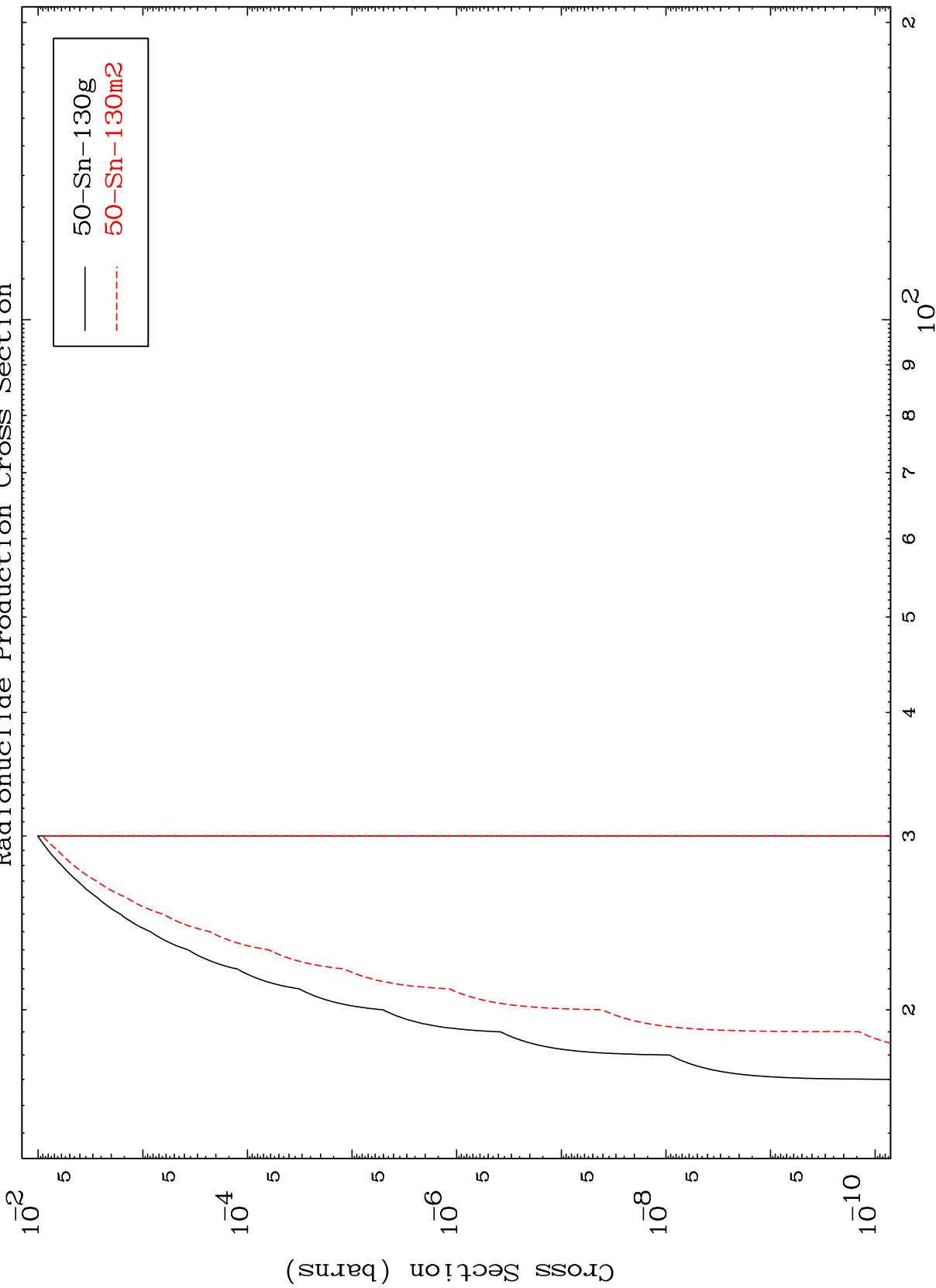
— 51-Sb-129g  
- - - 51-Sb-129m11

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(n,2n) p

51-Sb-132

Radionuclide Production Cross Section



30

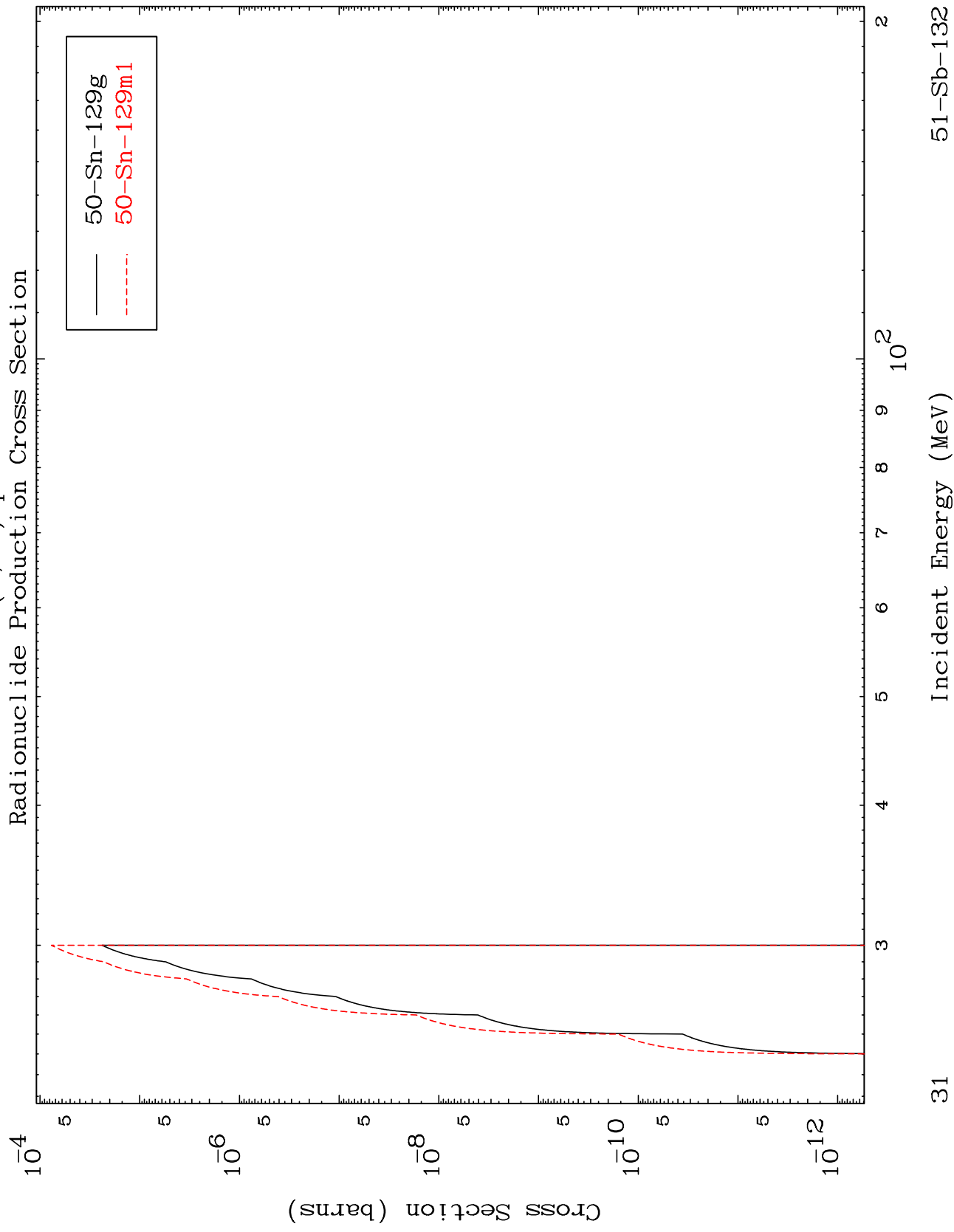
Incident Energy (MeV)

51-Sb-132

MAT 5159

(n,3n) p

51-Sb-132



31

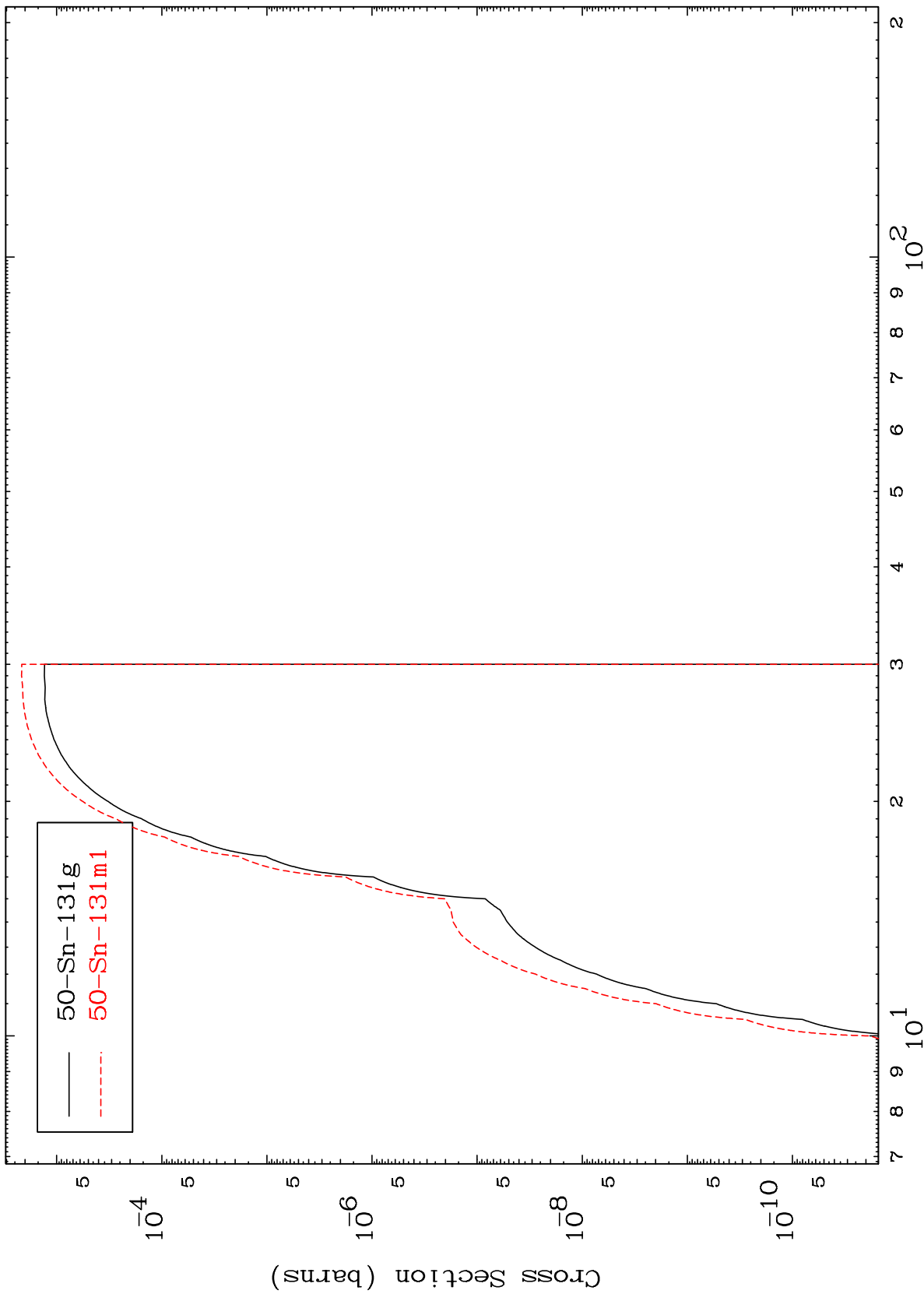
51-Sb-132



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51-Sb-132

(n,d)  
Radionuclide Production Cross Section



32

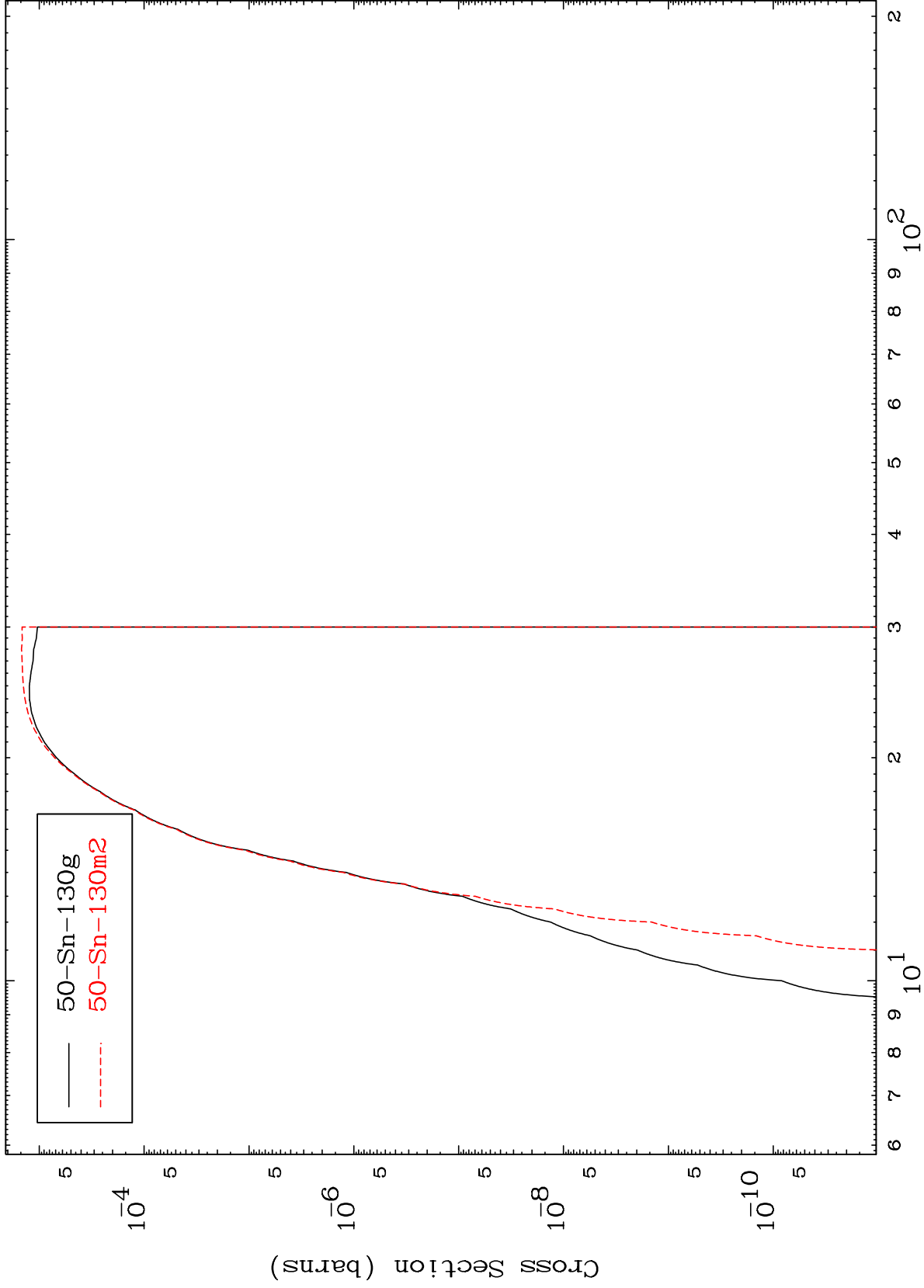
Incident Energy (MeV)

51-Sb-132

MAT 5159

51-Sb-132

(n,t)  
Radionuclide Production Cross Section

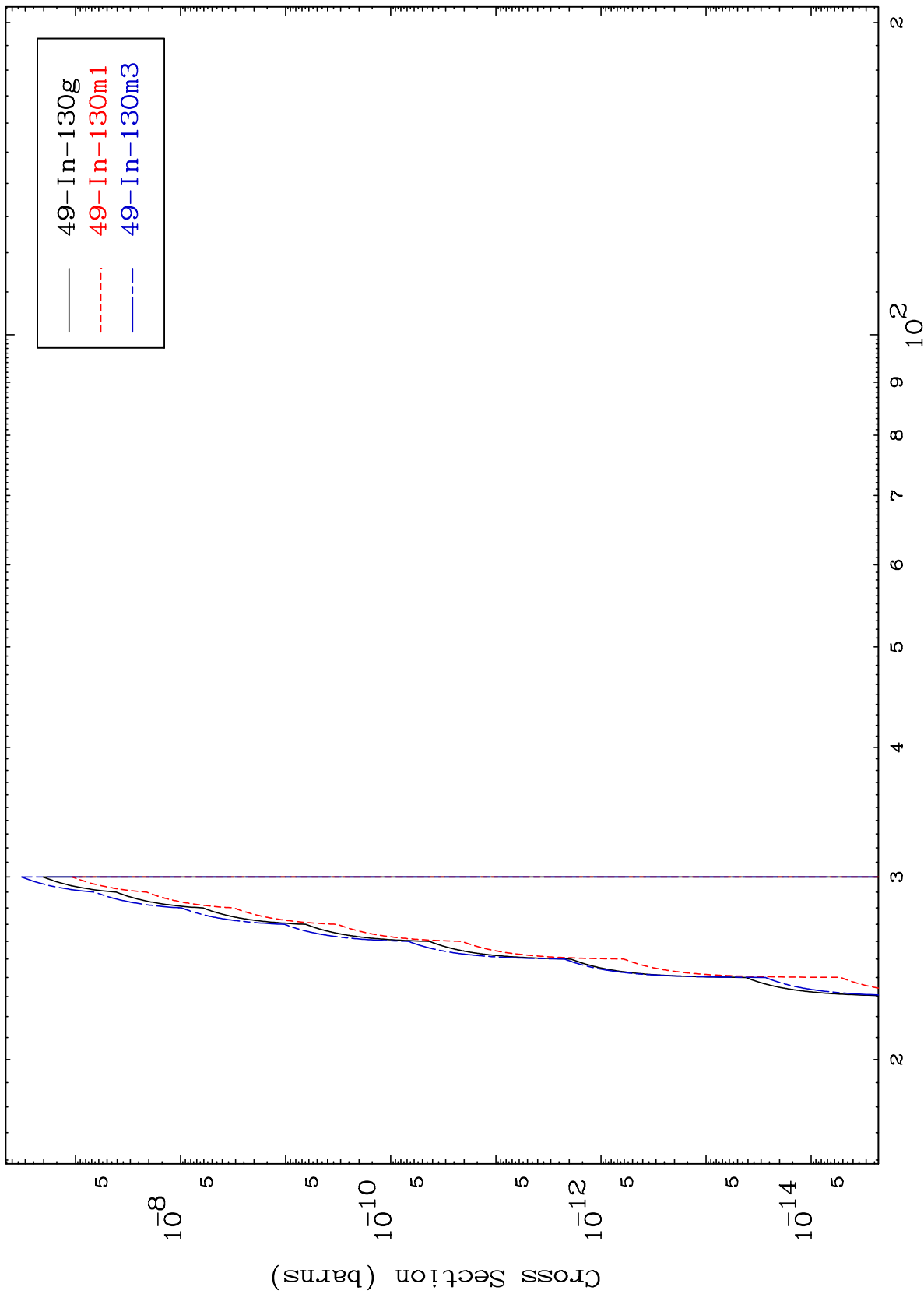


51-Sb-132

Incident Energy (MeV)

33

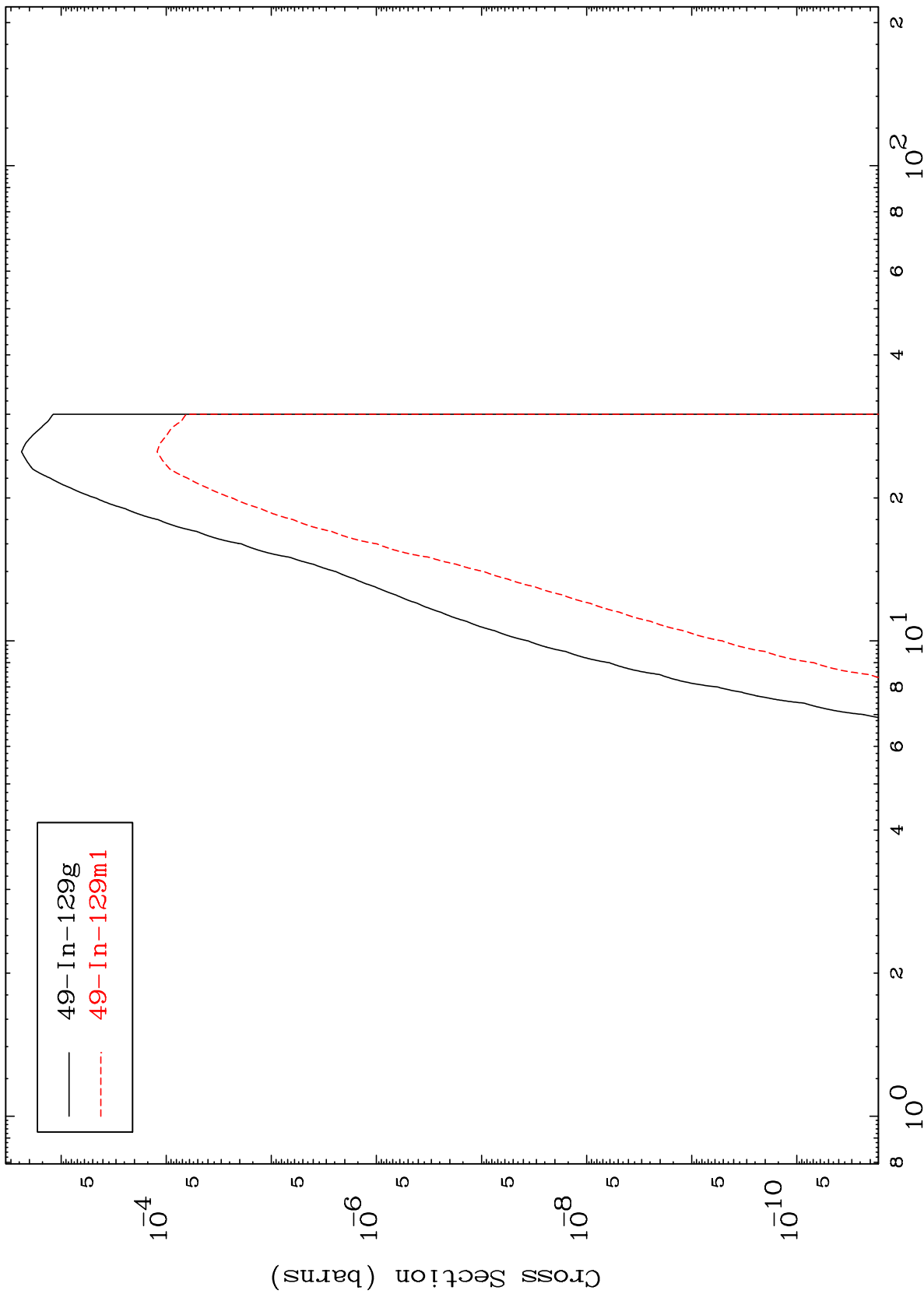
Radionuclide Production Cross Section



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51-Sb-132

(n,  $\alpha$ )  
Radionuclide Production Cross Section



49-In-129g  
49-In-129m1

51-Sb-132

Incident Energy (MeV)

35