

Program EVALPLOT
(Version 2015-2)

by

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(Present Contact Information)

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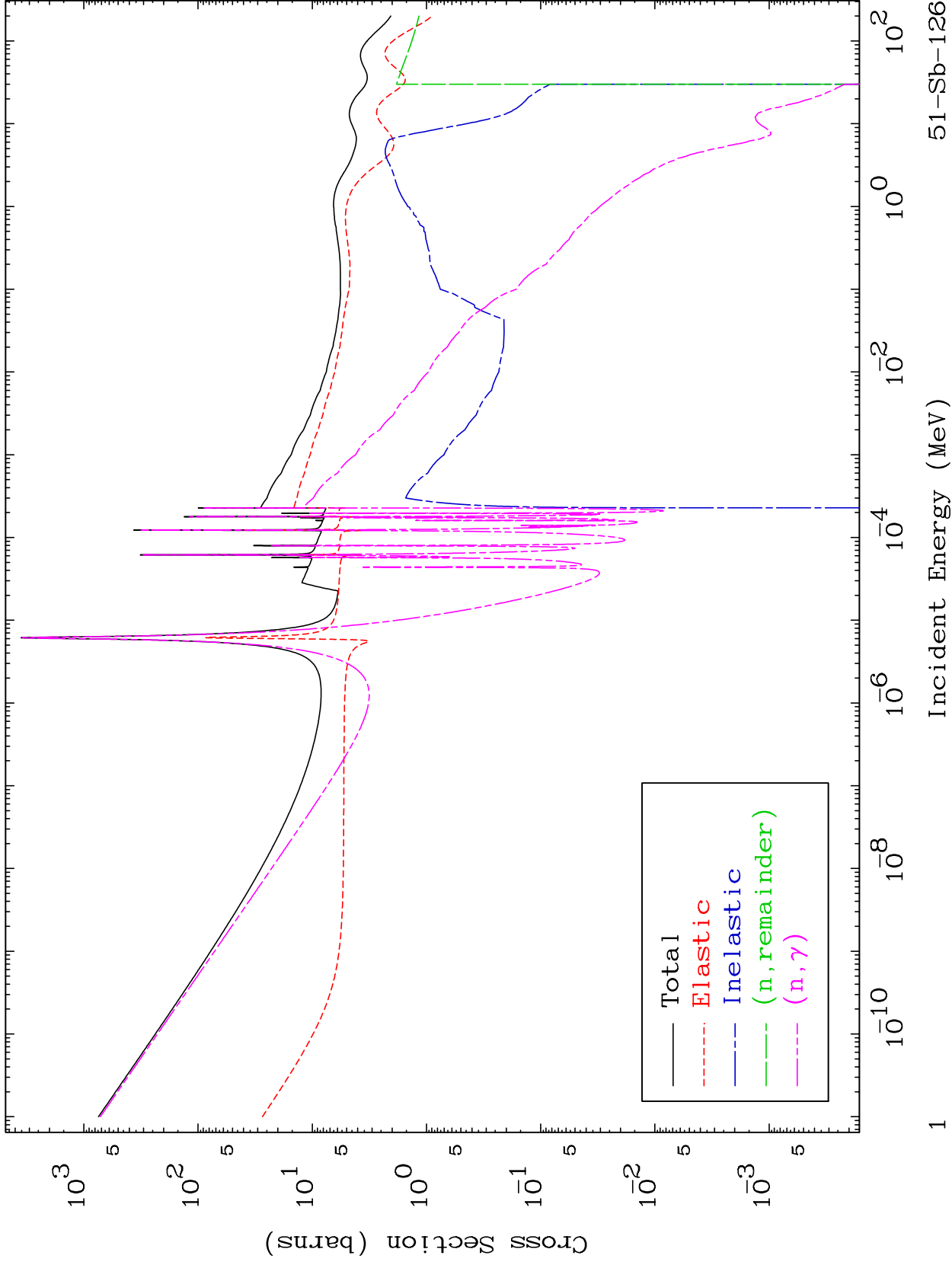
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

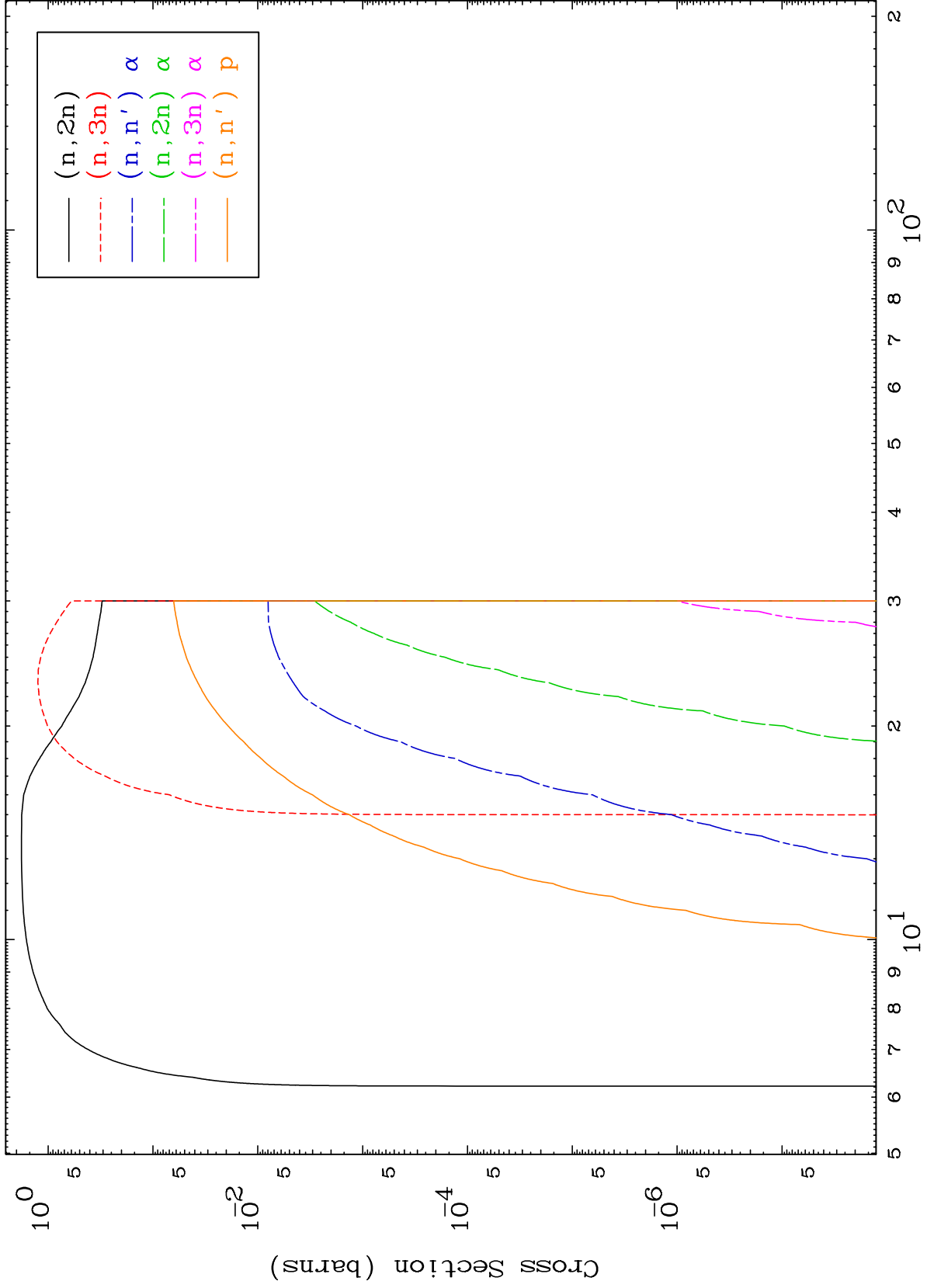
Press Mouse Button to Start

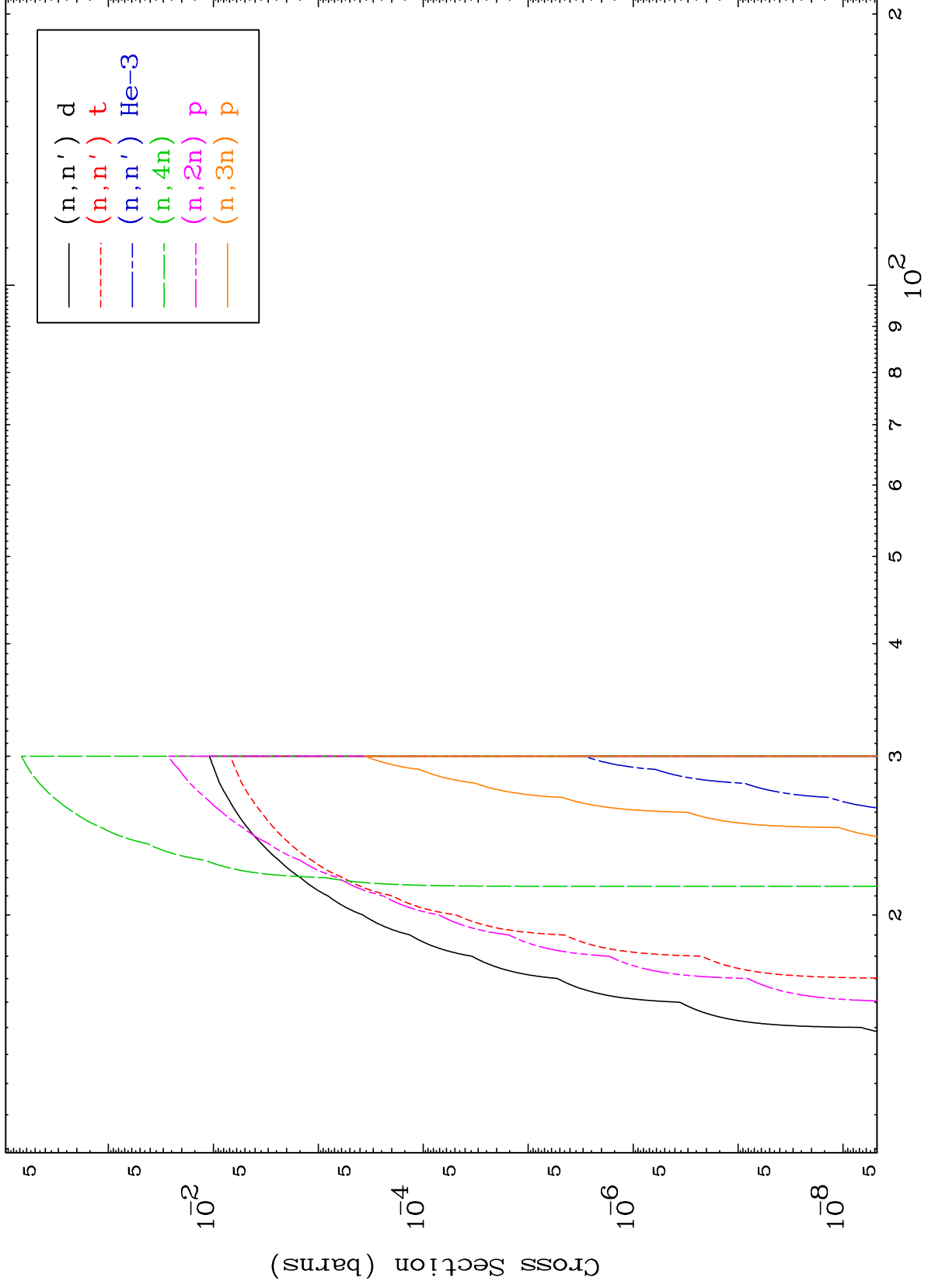
MAT 5142

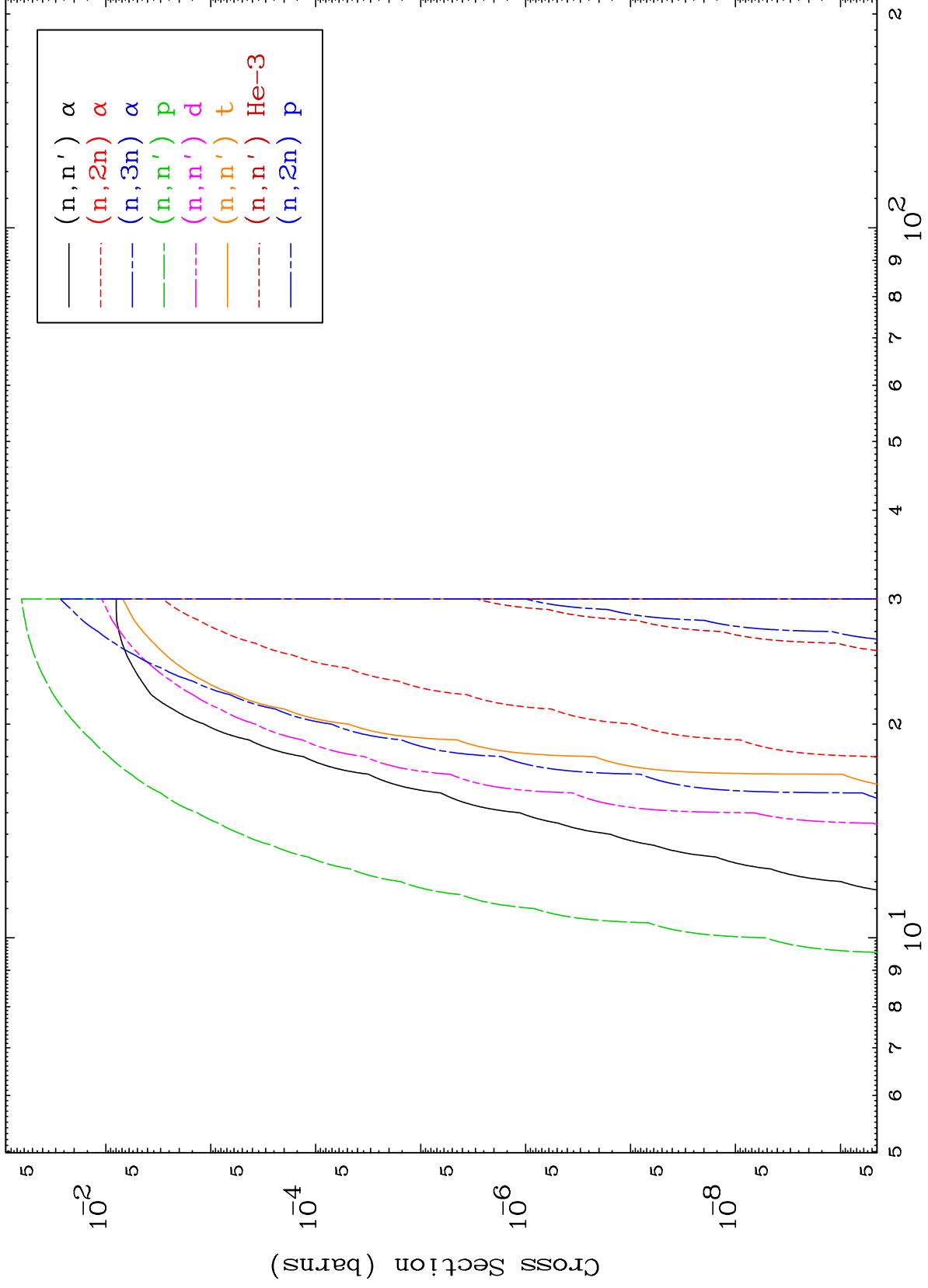
Major
293 Kelvin Cross Sections

51-Sb-126





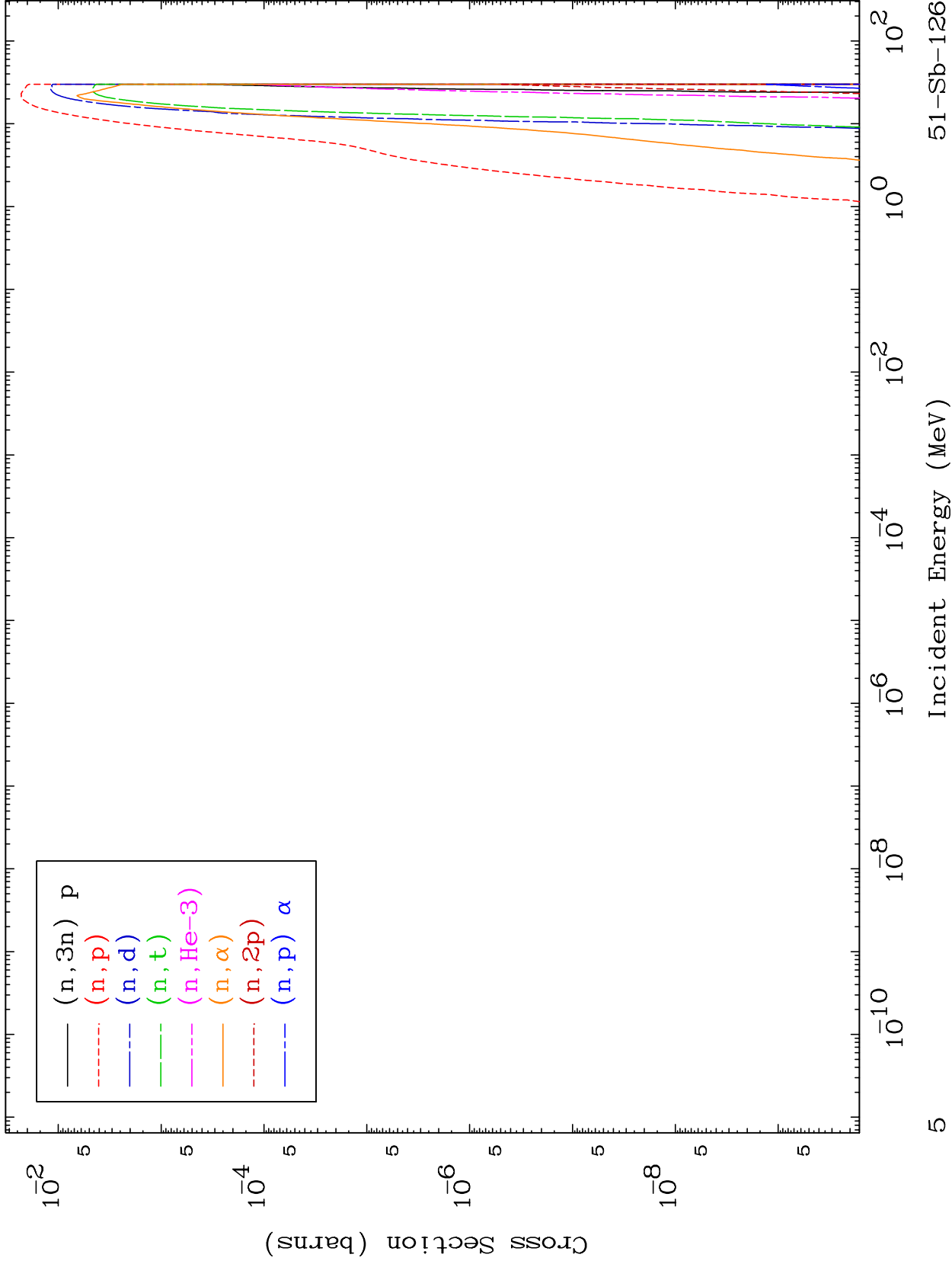




MAT 5142

Charged Particle
293 Kelvin Cross Sections

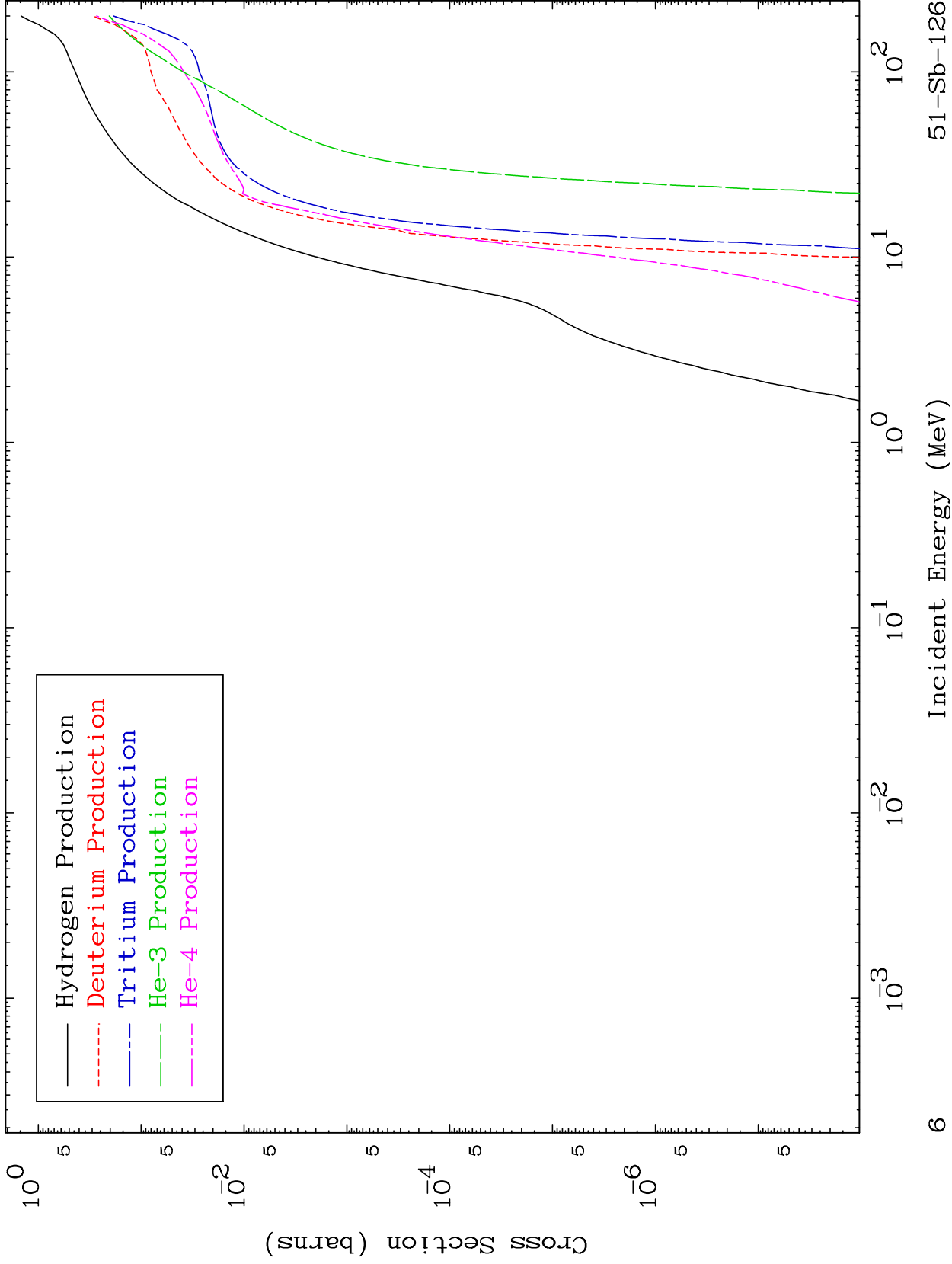
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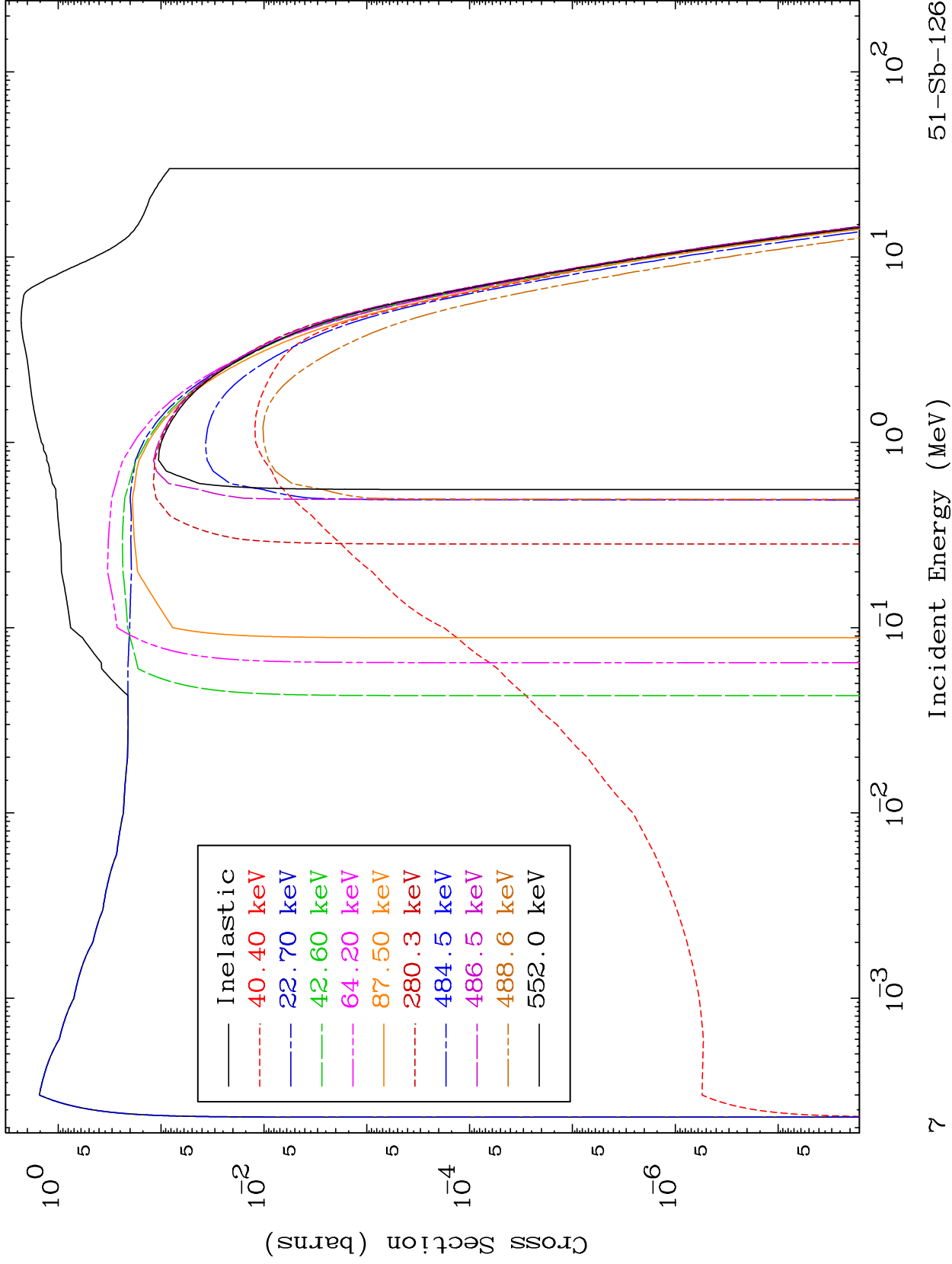


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Particle Production
293 Kelvin Cross Sections

51-Sb-126

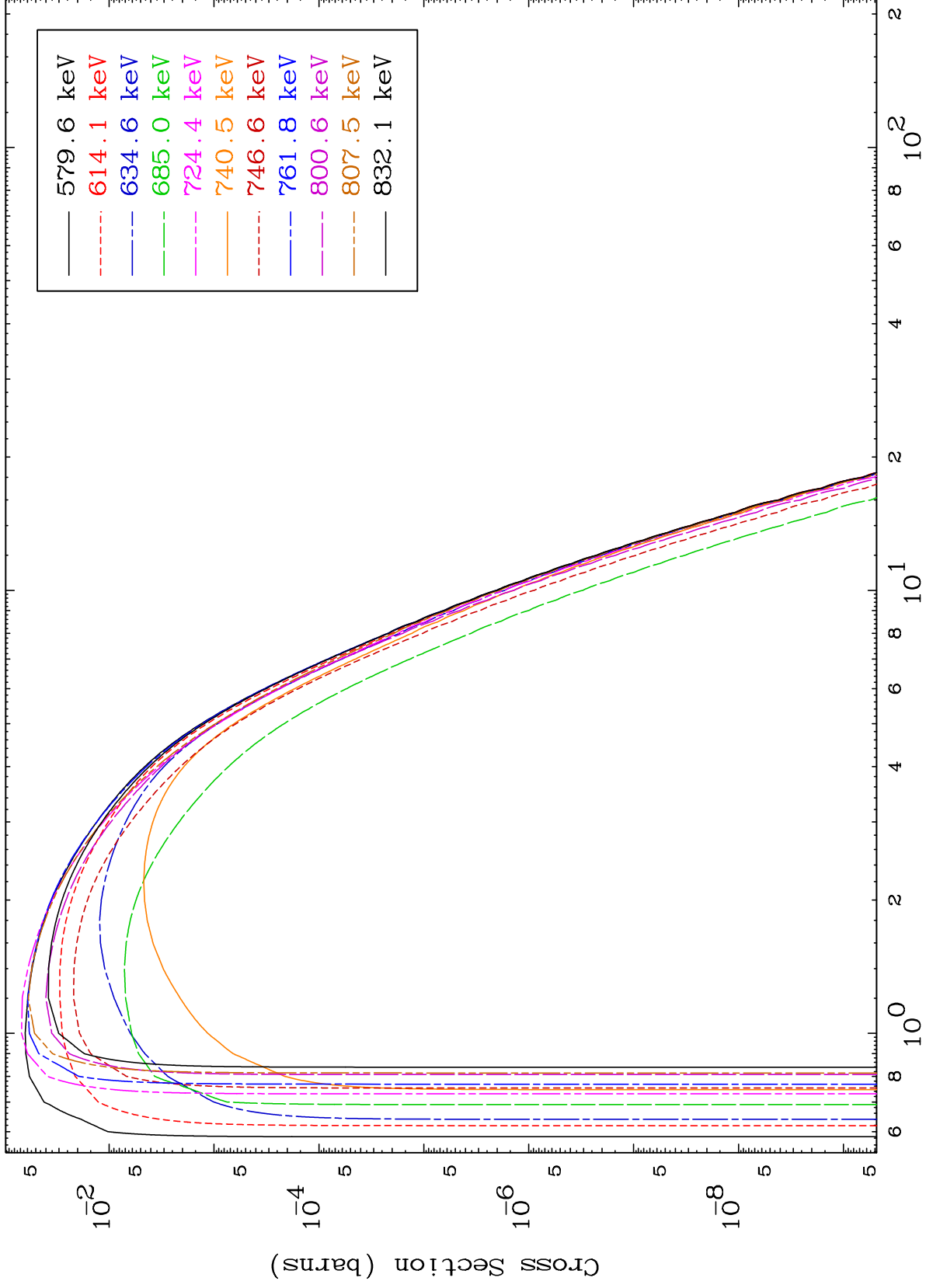




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(n,n') Level
293 Kelvin Cross Sections

51-Sb-126



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Incident Energy (MeV)

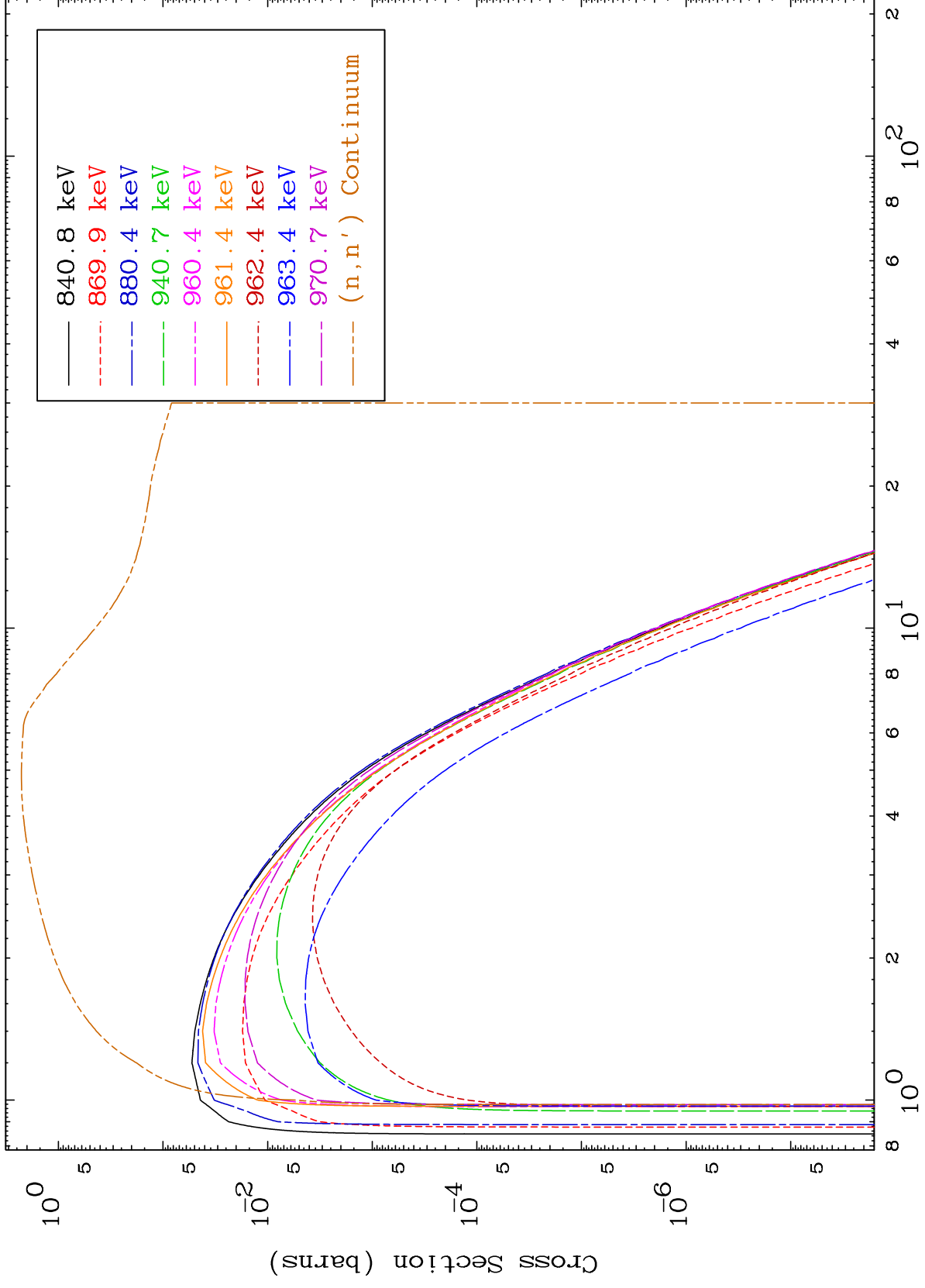
51-Sb-126

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(n,n') Level

51-Sb-126

293 Kelvin Cross Sections



9

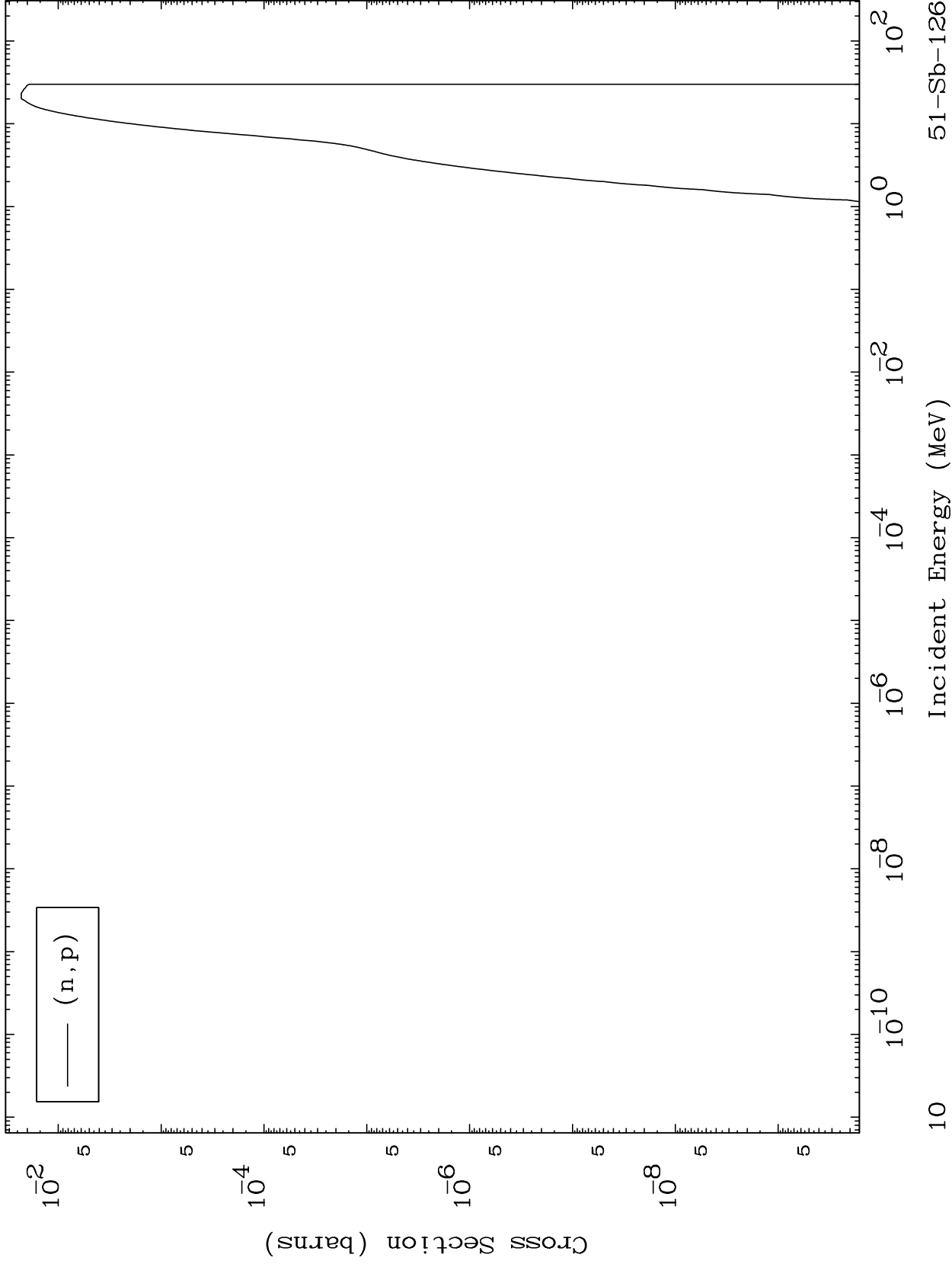
Incident Energy (MeV)

51-Sb-126

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(n,p) Levels
293 Kelvin Cross Sections

51-Sb-126



10

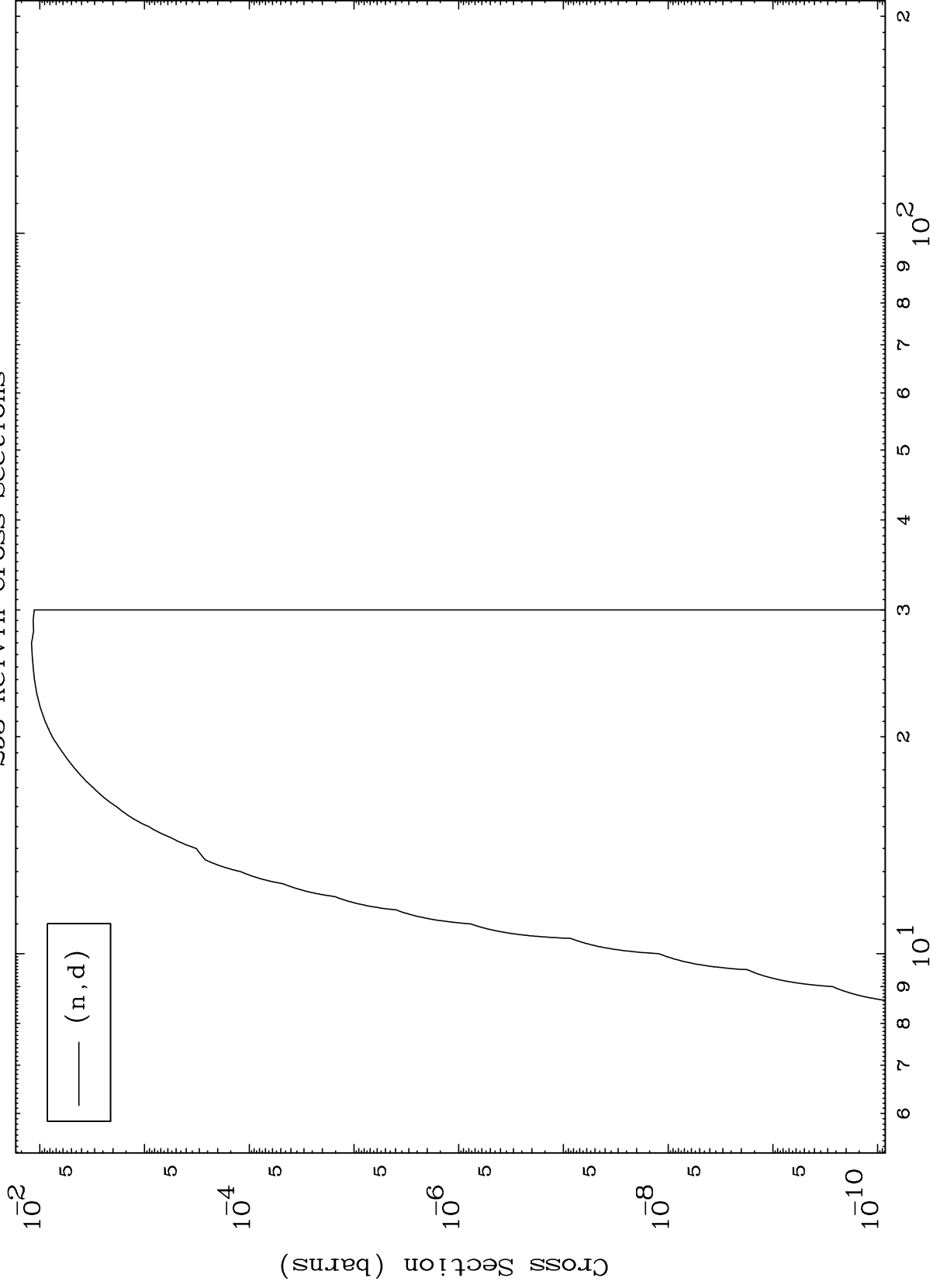
Incident Energy (MeV)

51-Sb-126

MAT 5142

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-126



11

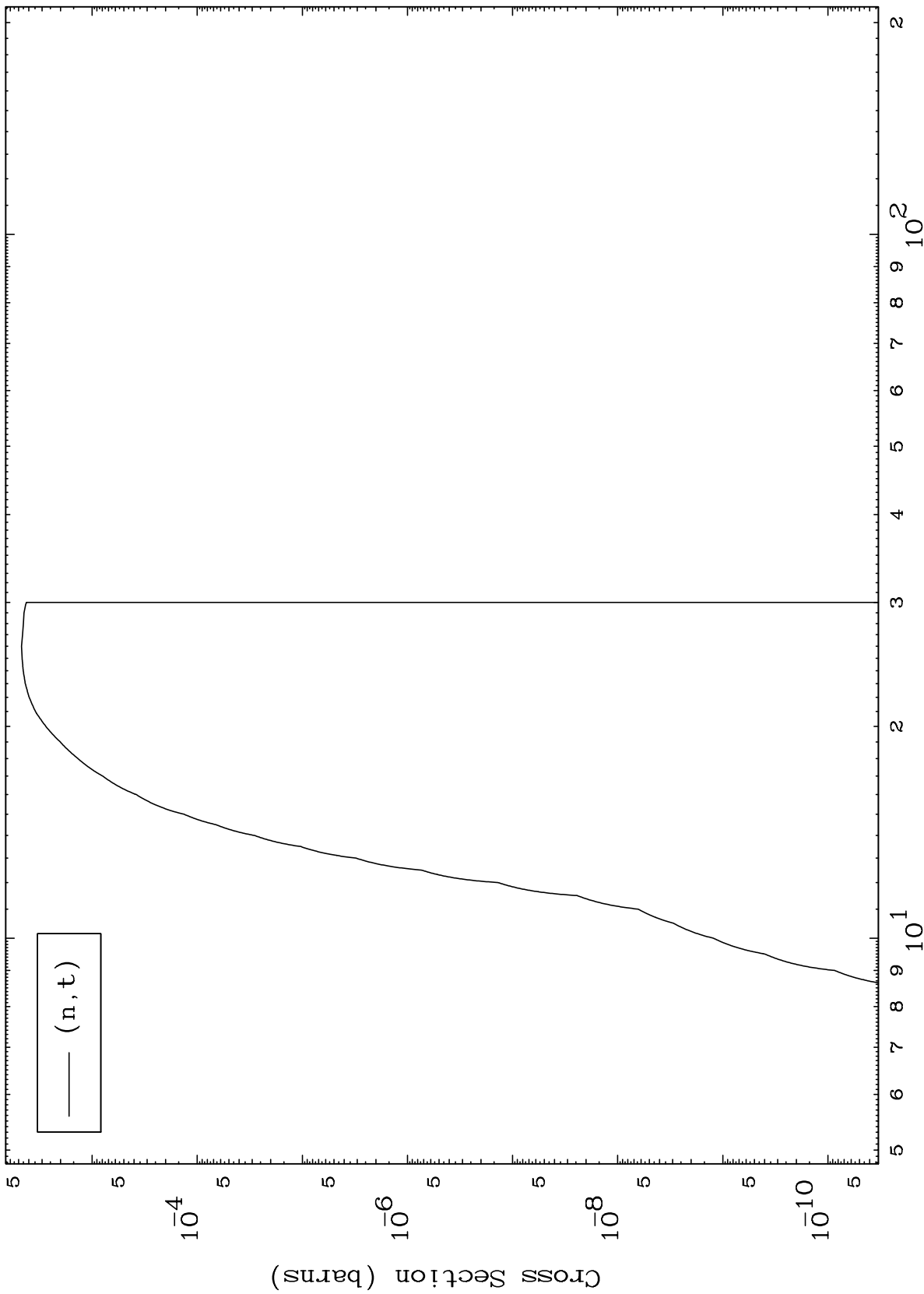
Incident Energy (MeV)

51-Sb-126

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(n,t) Levels
293 Kelvin Cross Sections

51-Sb-126



12

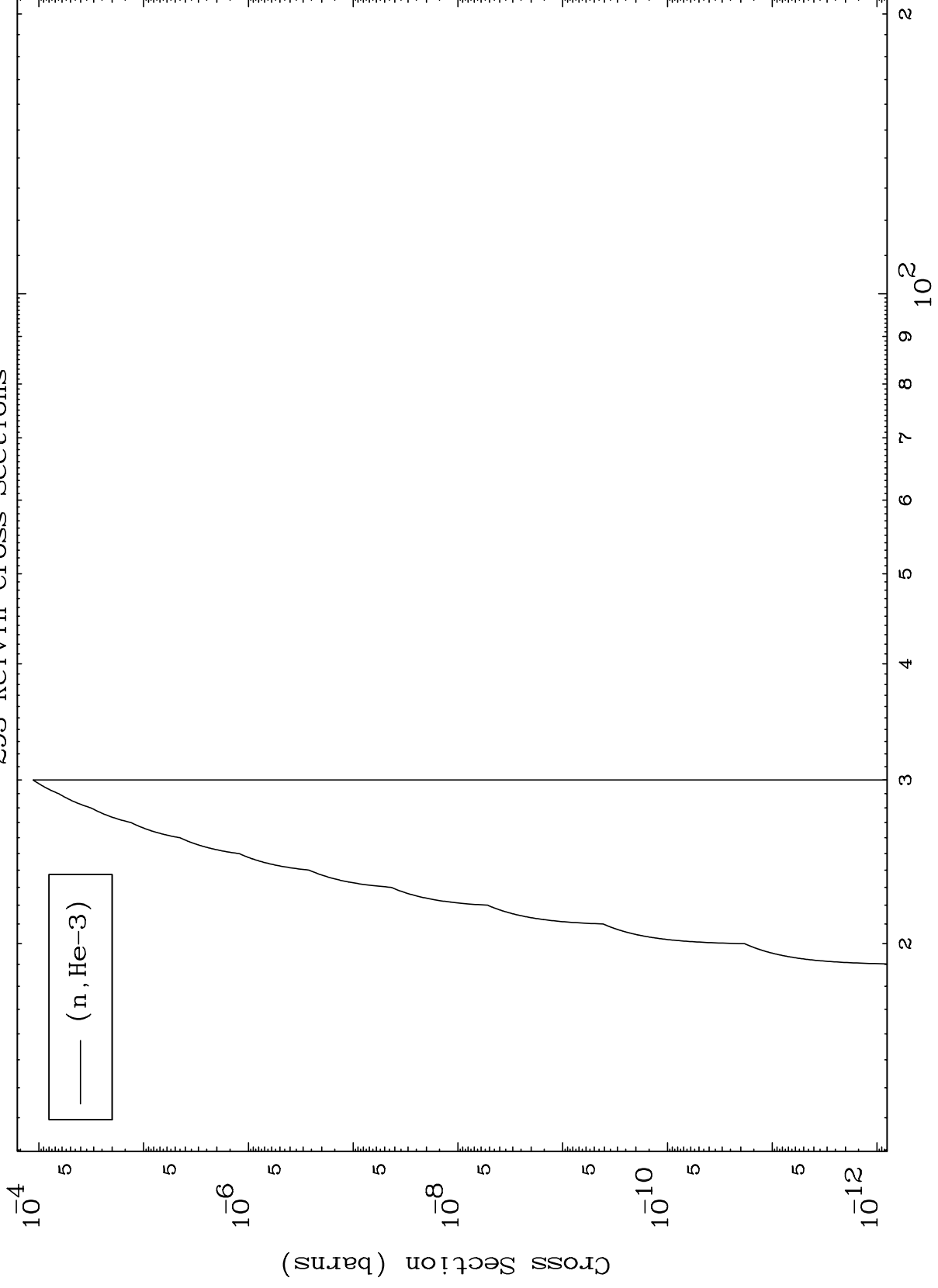
Incident Energy (MeV)

51-Sb-126

MAT 5142

(n,He3) Levels
293 Kelvin Cross Sections

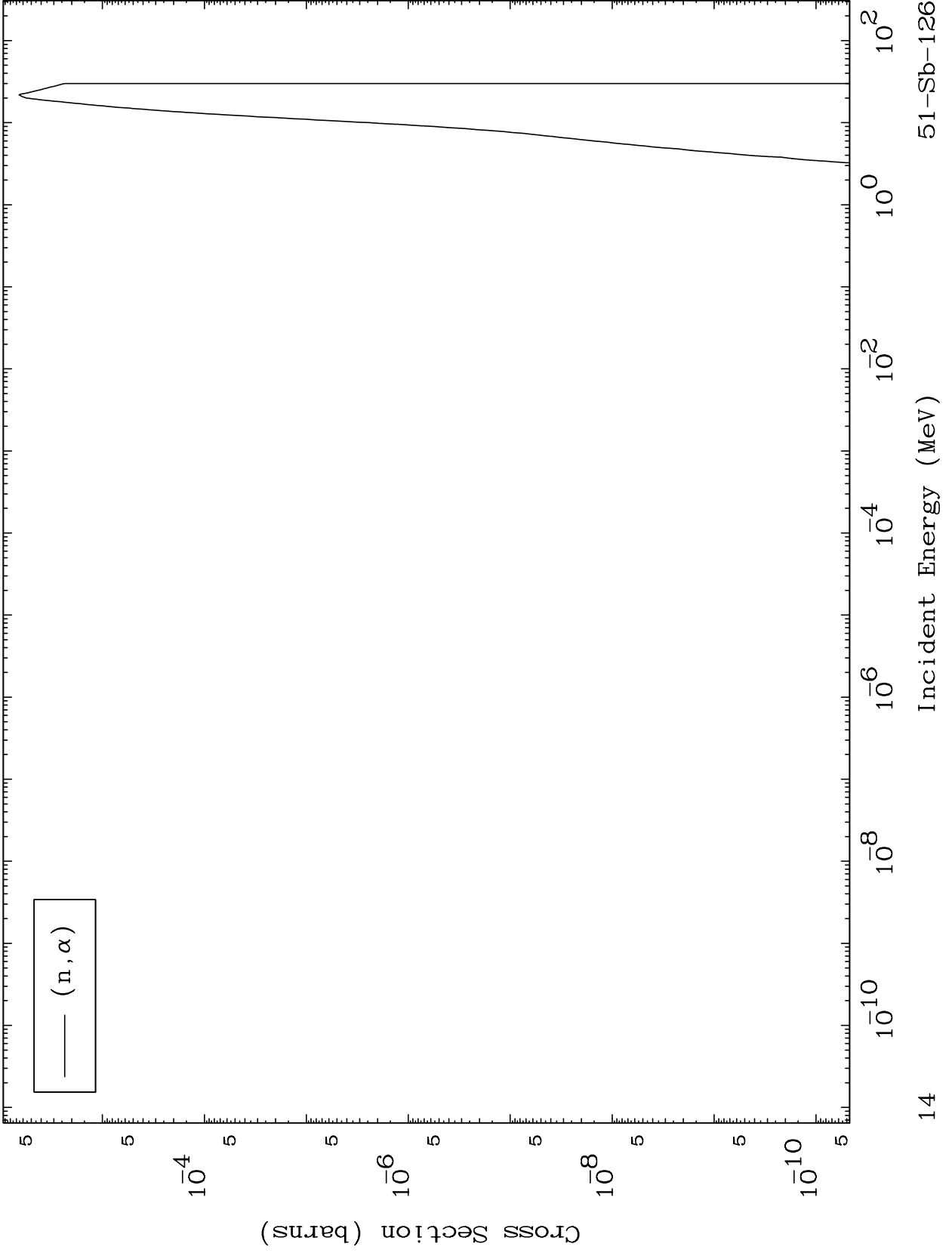
51-Sb-126

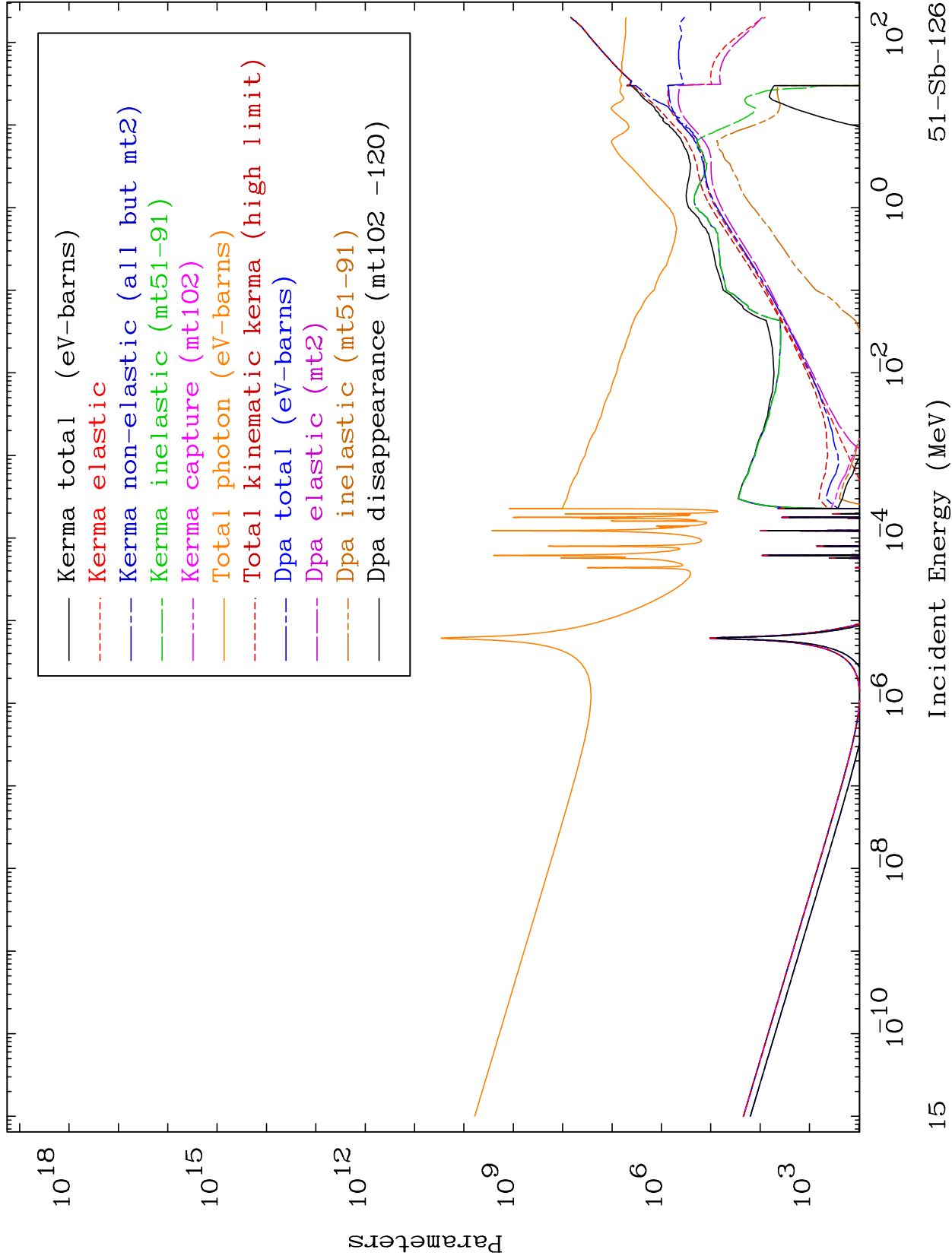


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(n, α) Levels
293 Kelvin Cross Sections

51-Sb-126

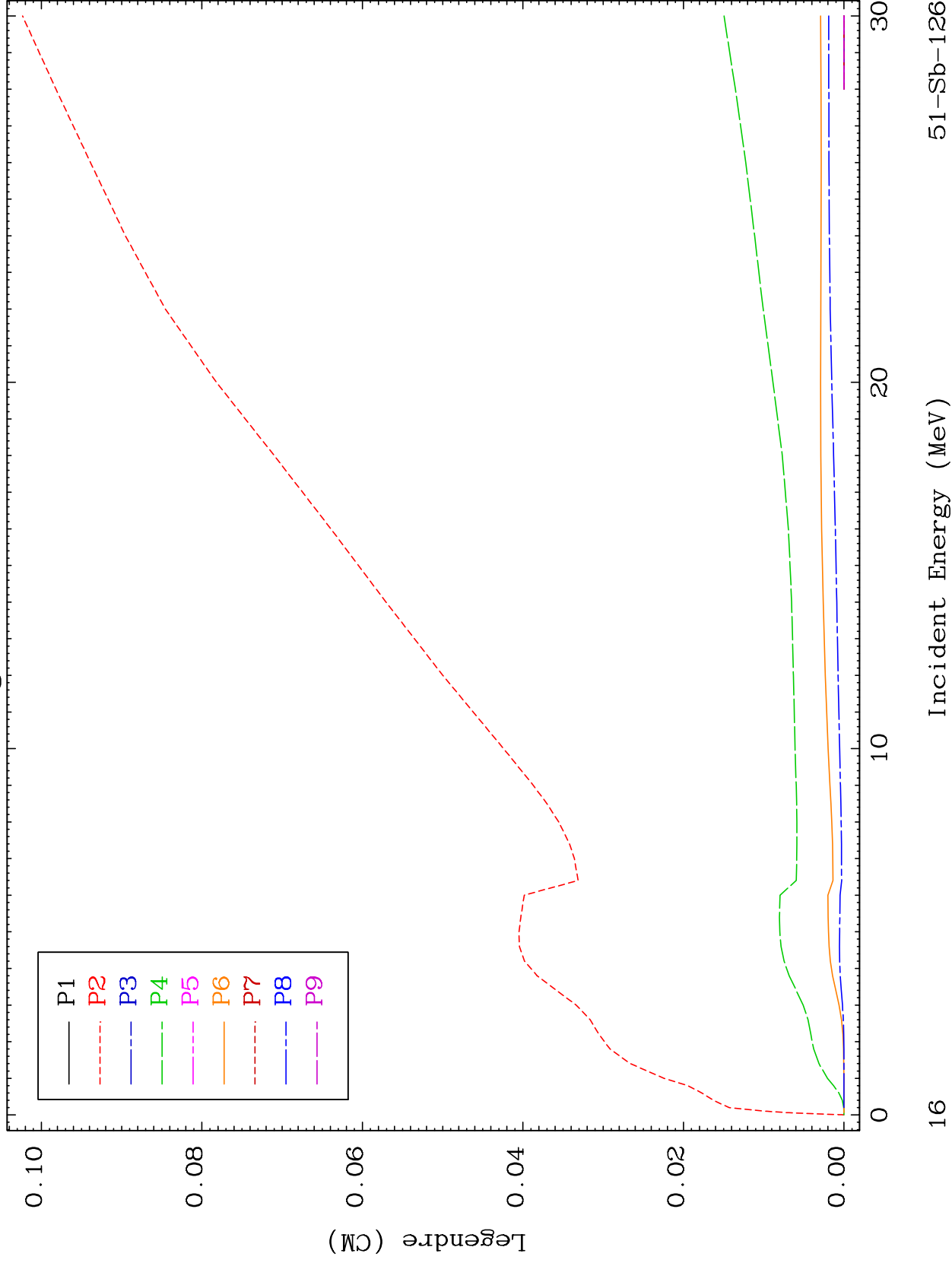




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Elastic Legendre Coefficients

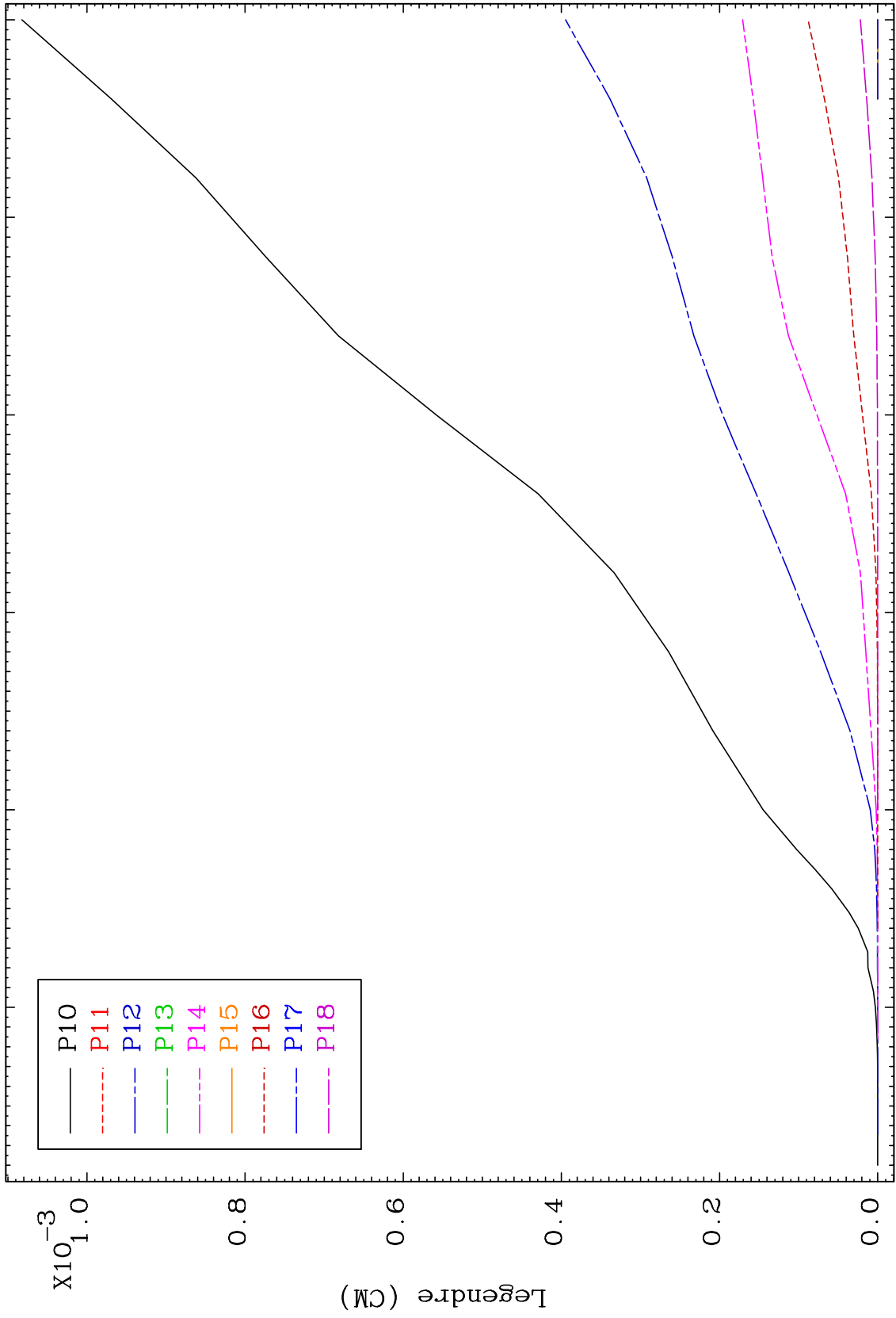
51-Sb-126



51-Sb-126

Incident Energy (MeV)

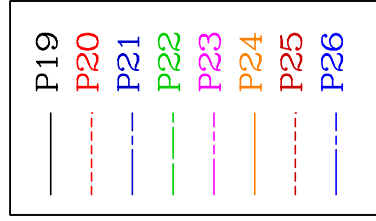
16



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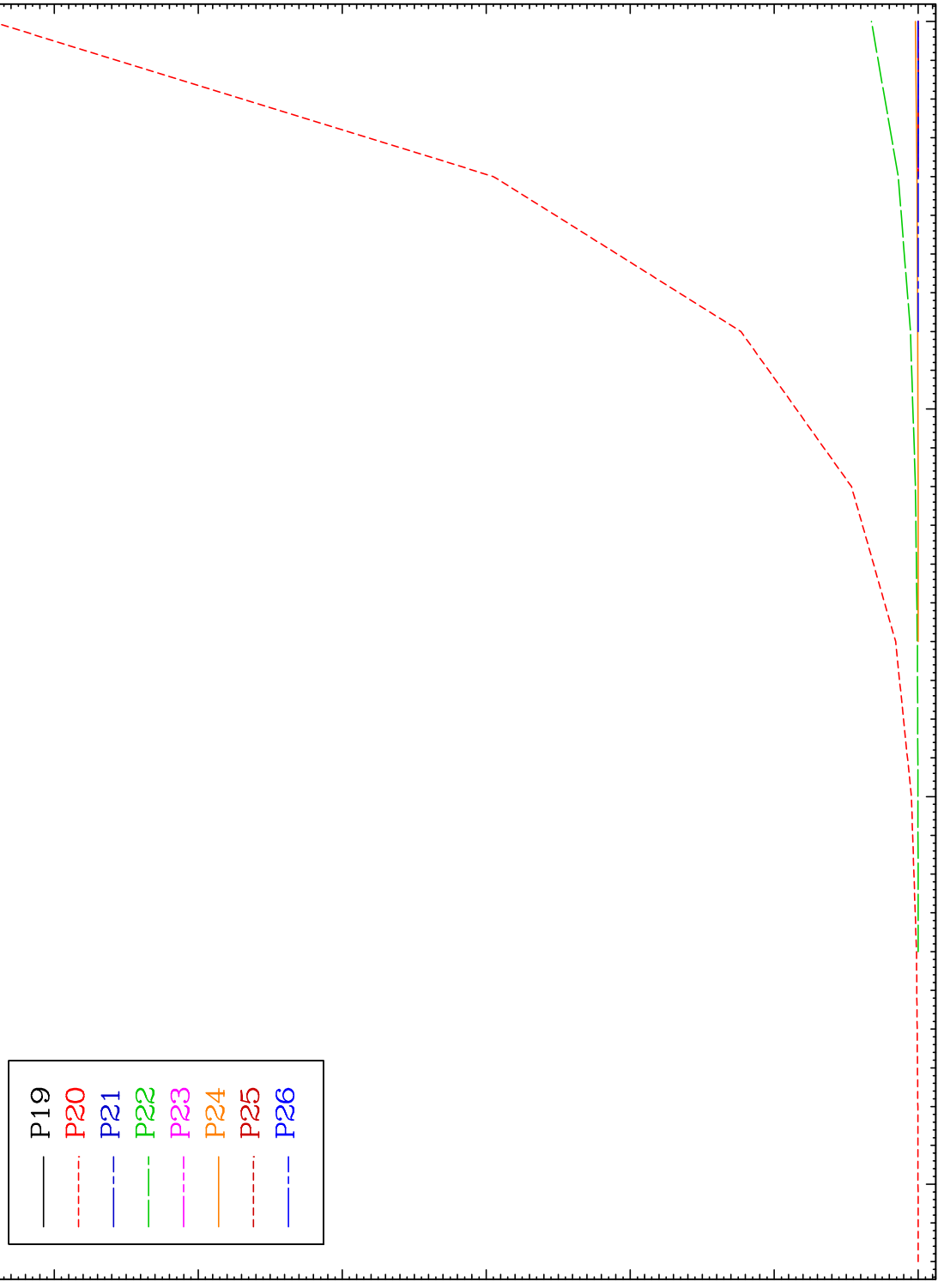
Elastic Legendre Coefficients

51-Sb-126



$\times 10^{-6}$

Legendre (CM)

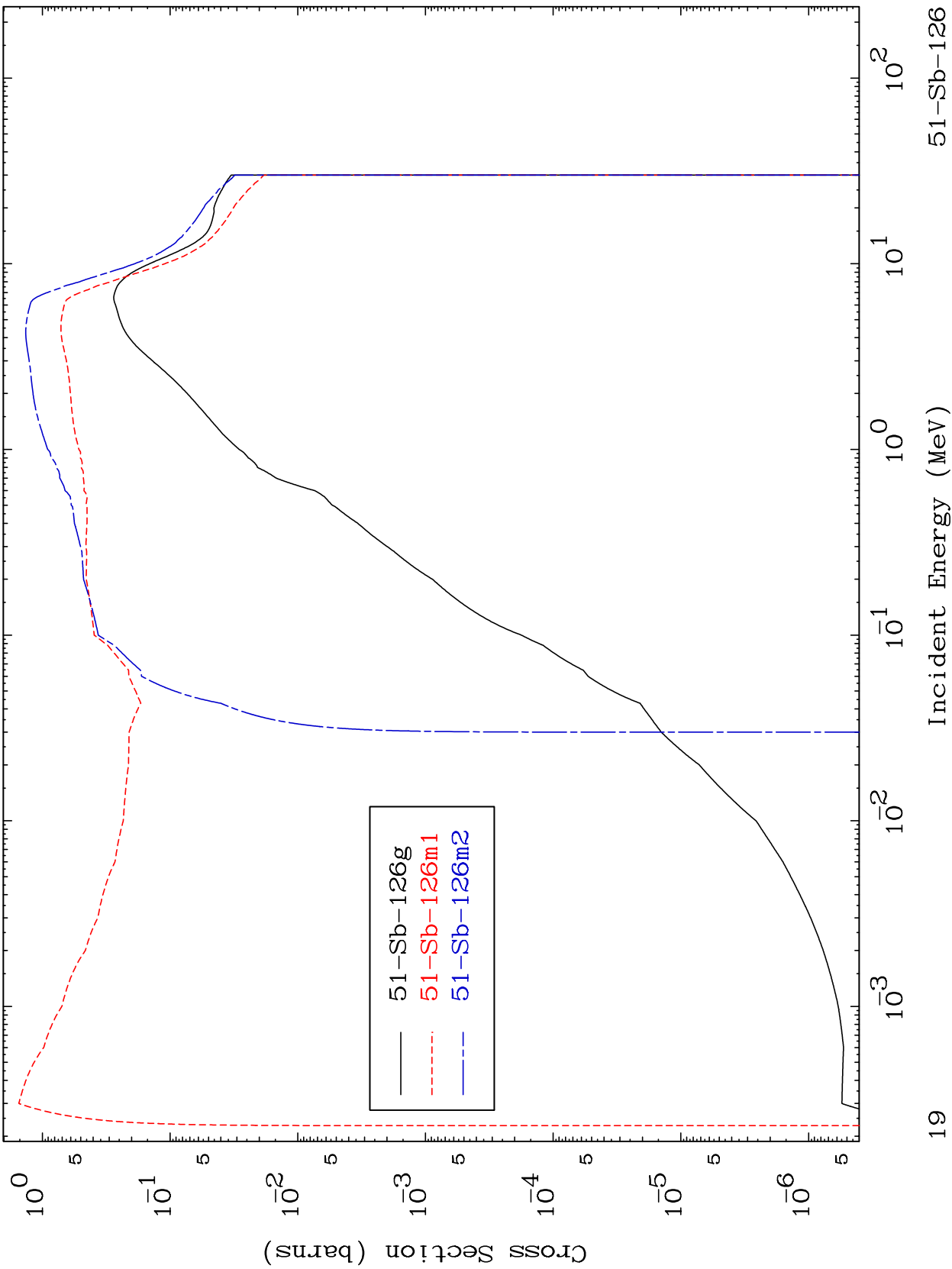


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Incident Energy (MeV)

51-Sb-126

Inelastic
Radionuclide Production Cross Section

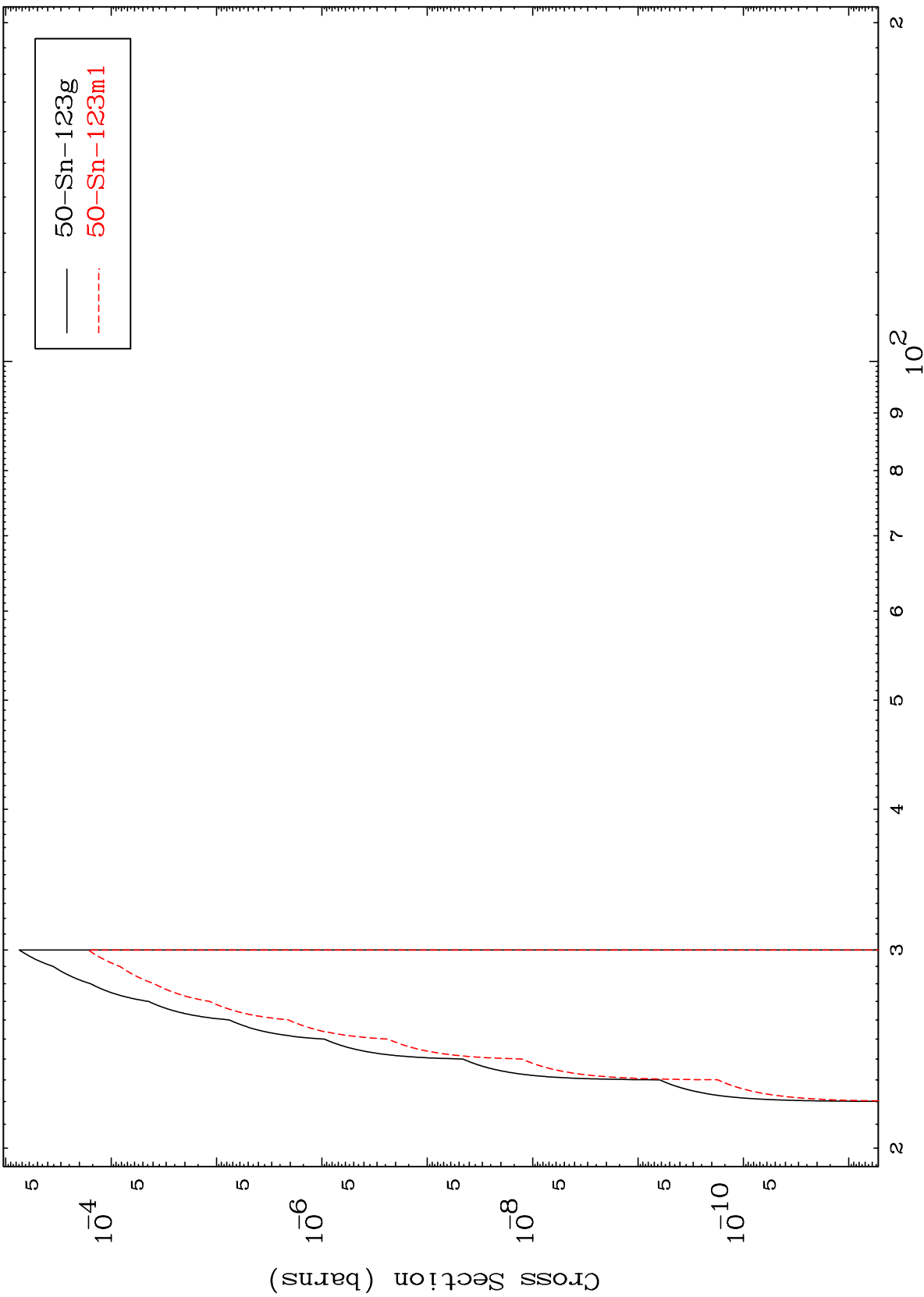


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(n,2n) d

51-Sb-126

Radionuclide Production Cross Section

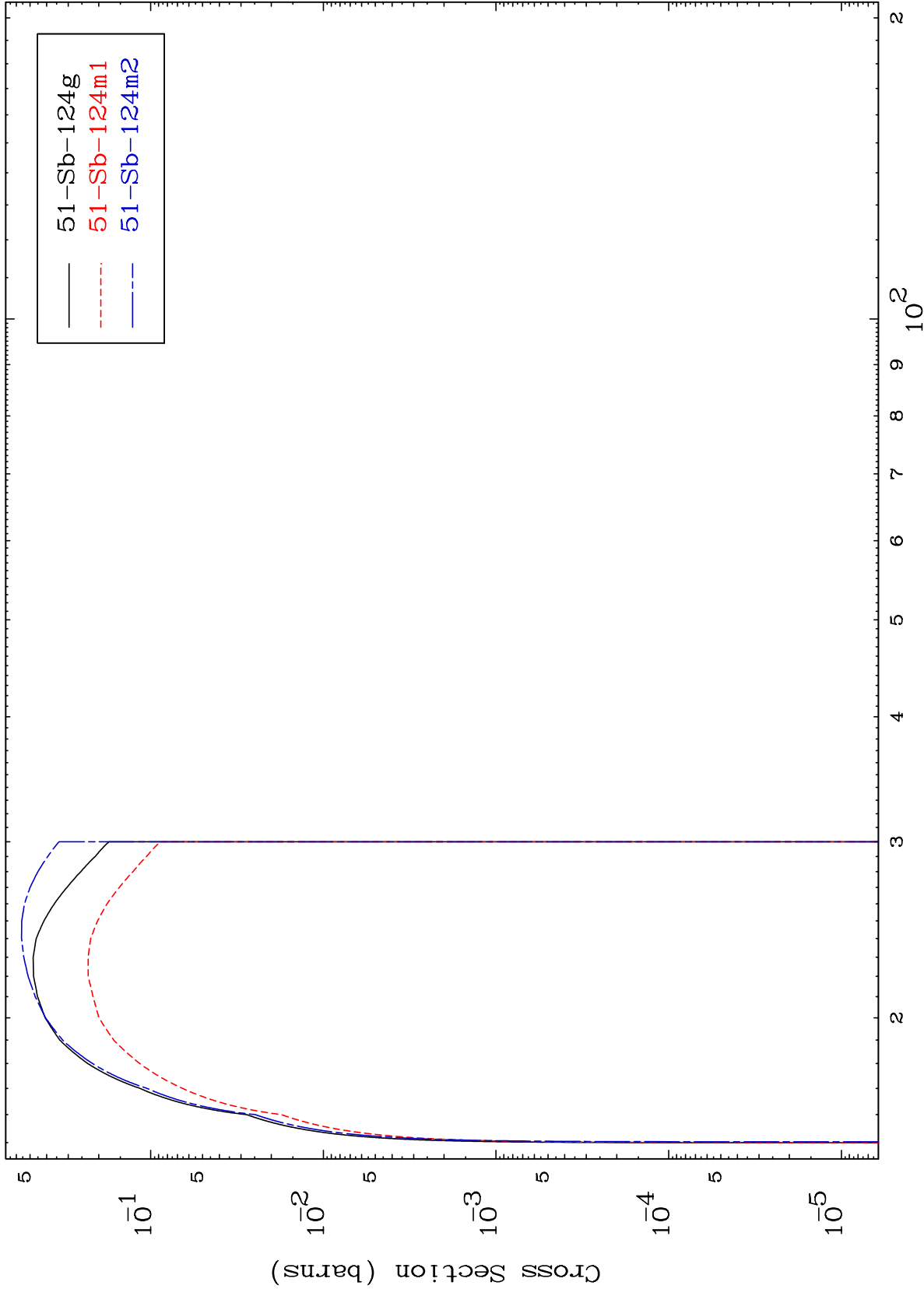


20

Incident Energy (MeV)

51-Sb-126

Radionuclide Production Cross Section

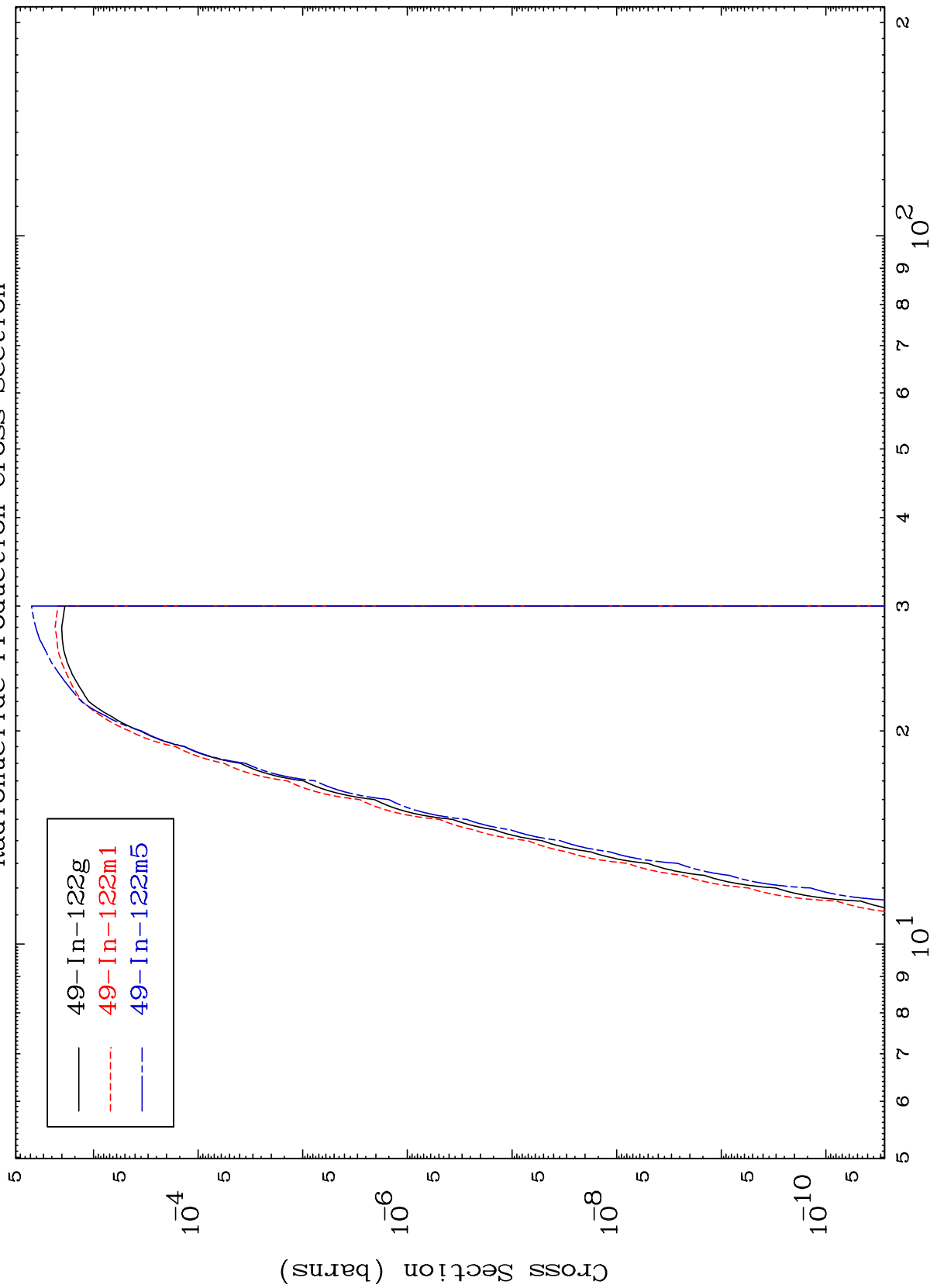


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51-Sb-126

(n,n') α

Radionuclide Production Cross Section



22

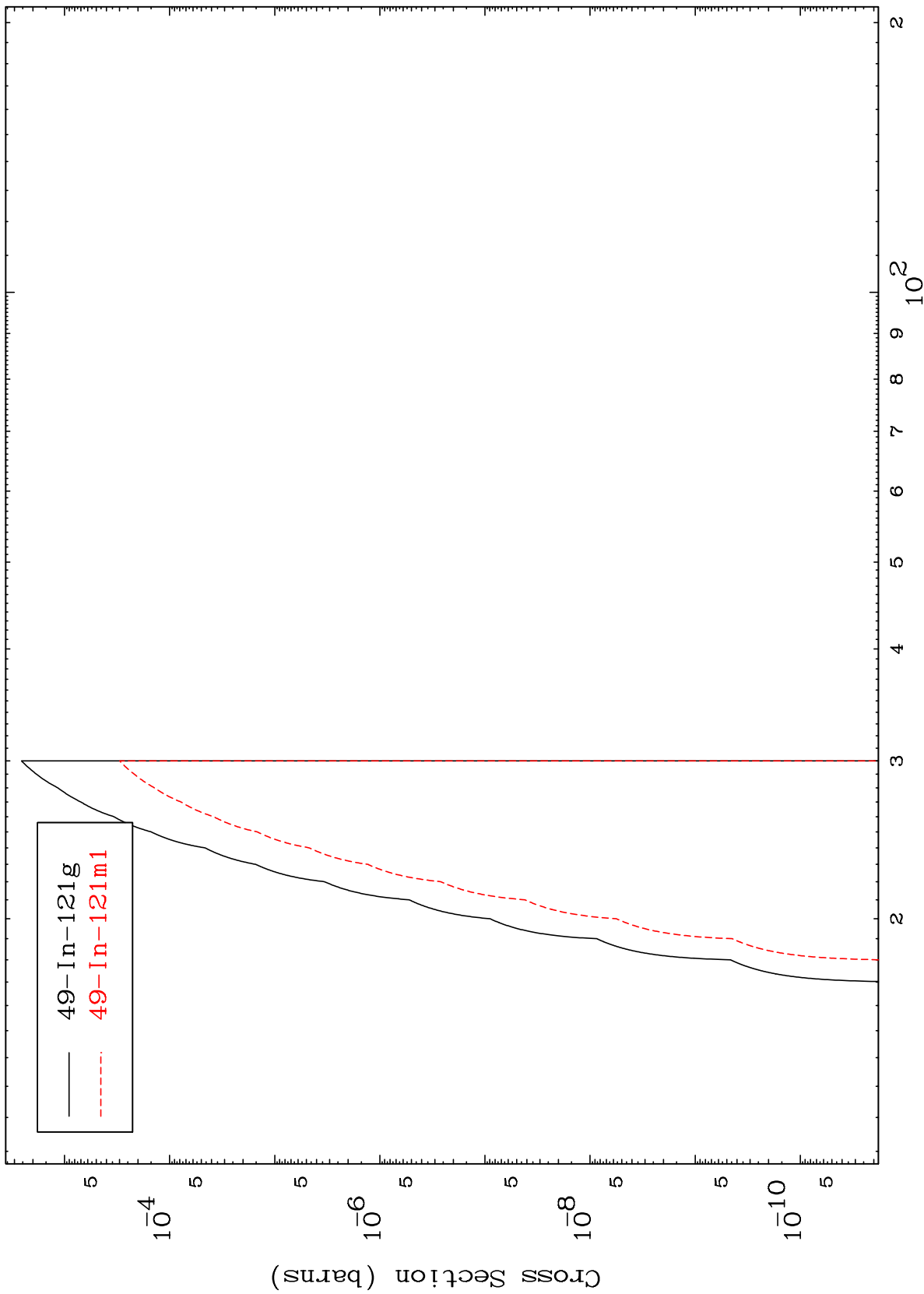
Incident Energy (MeV)

51-Sb-126

MAT 5142

51-Sb-126

(n,2n) α
Radionuclide Production Cross Section

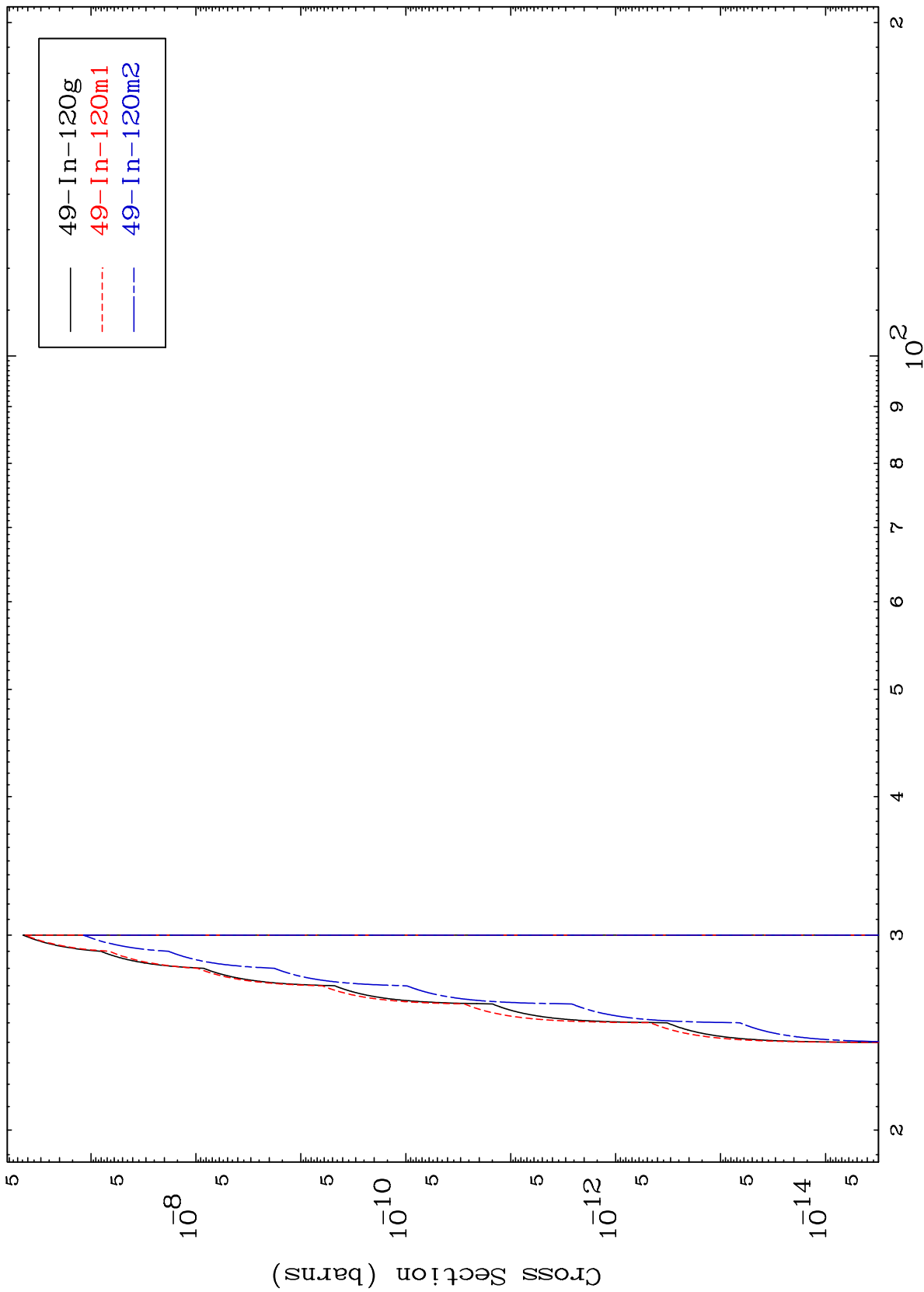


51-Sb-126

Incident Energy (MeV)

23

Radionuclide Production Cross Section

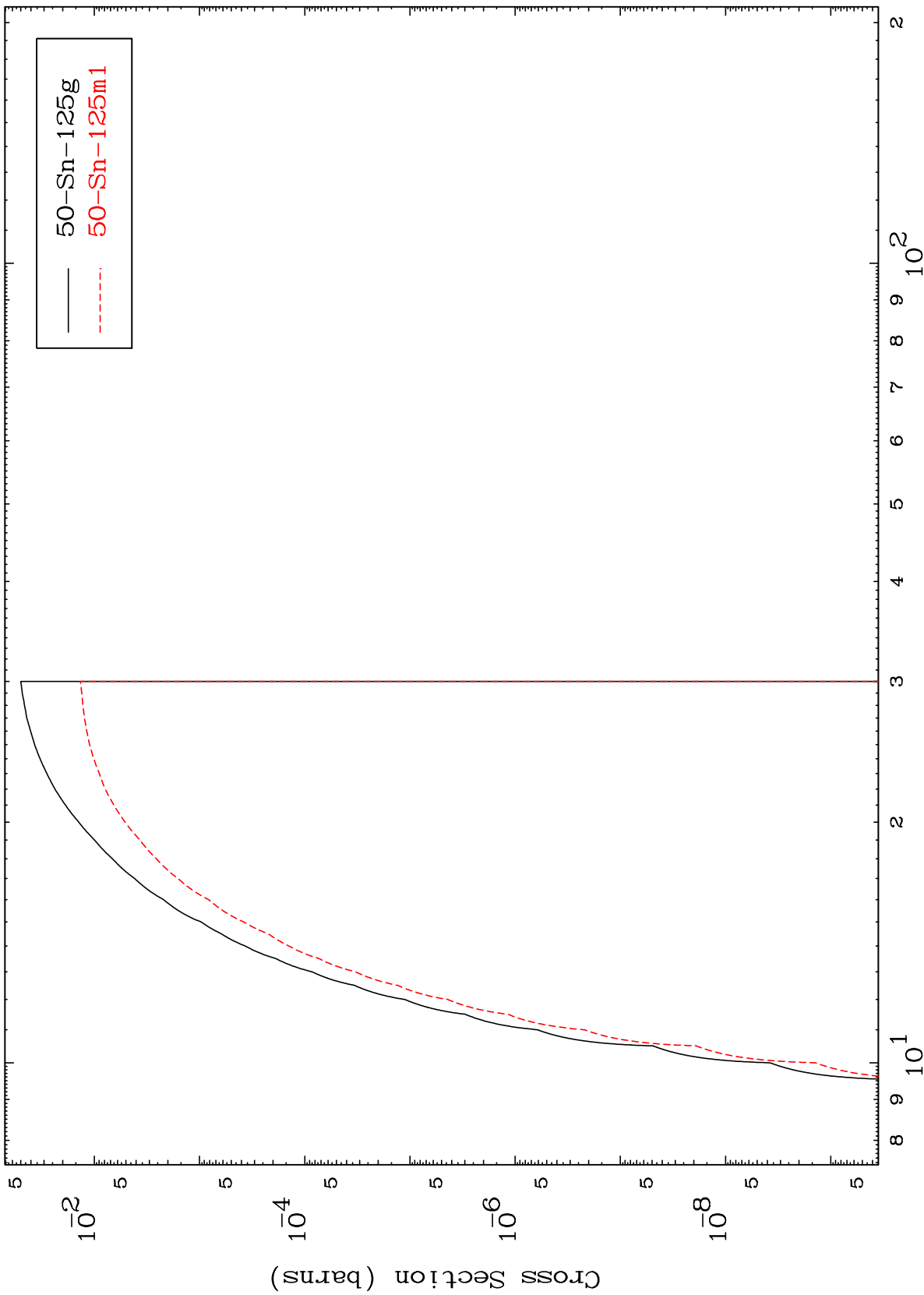


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(n,n') p

51-Sb-126

Radionuclide Production Cross Section

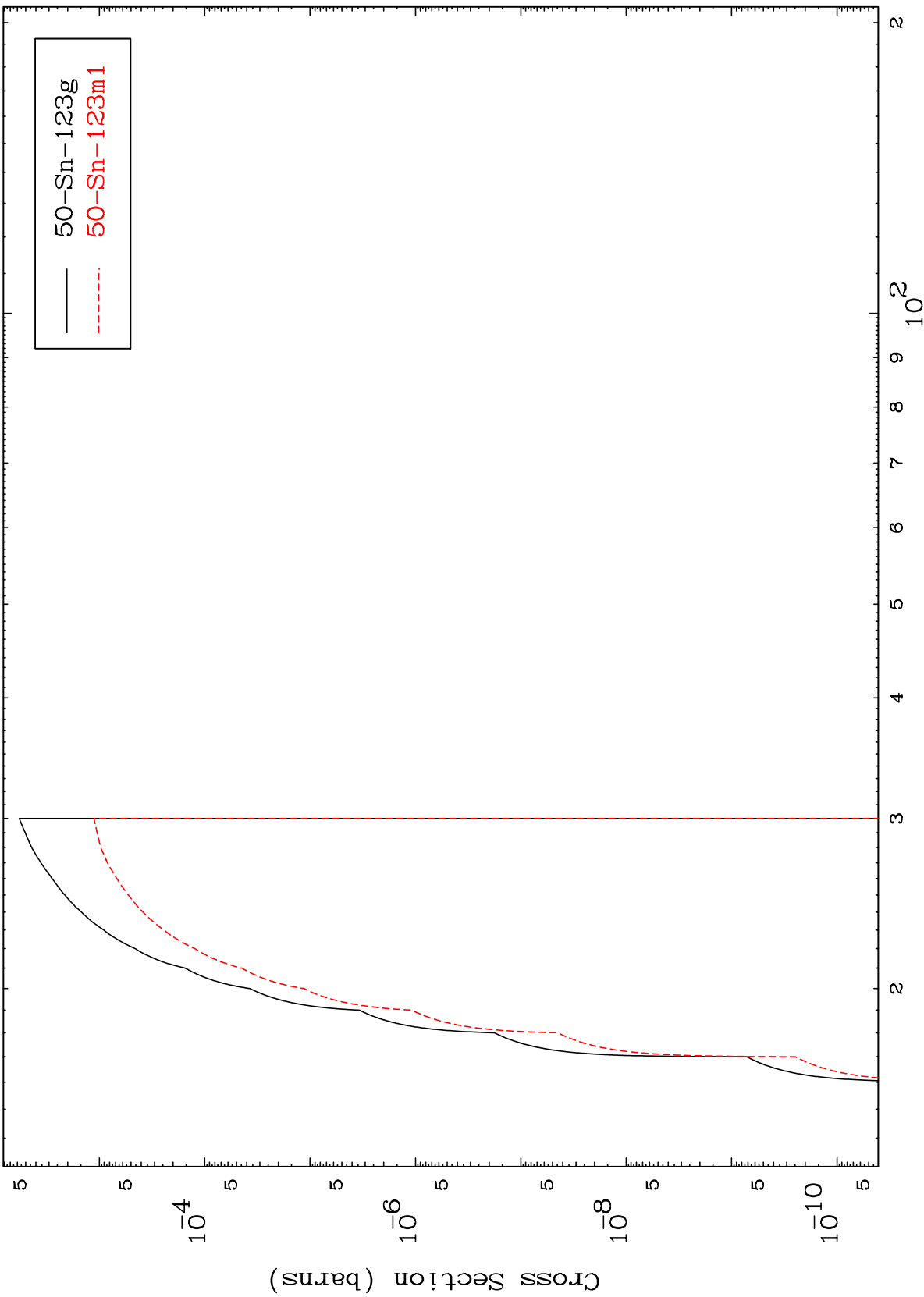


25

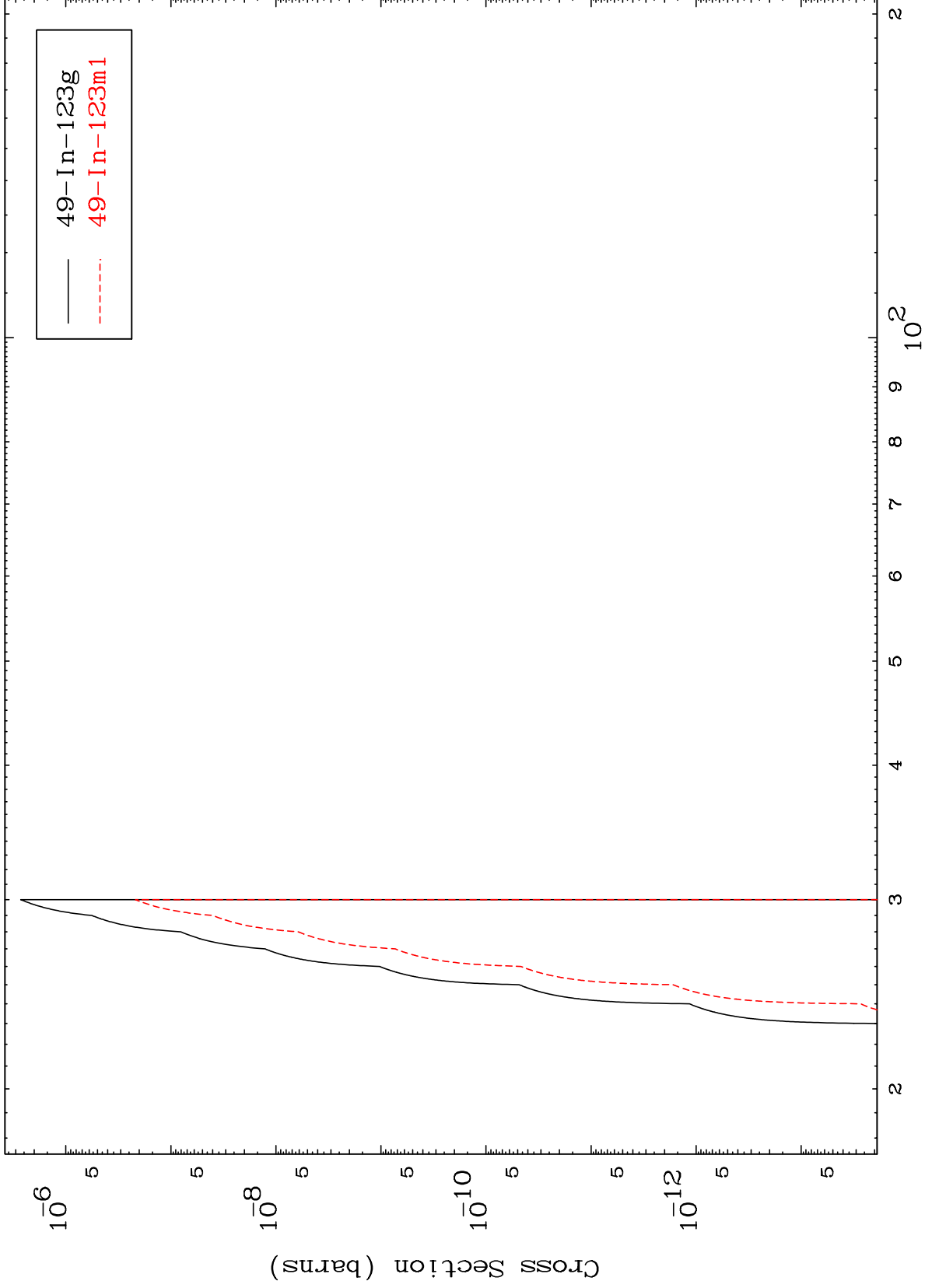
Incident Energy (MeV)

51-Sb-126

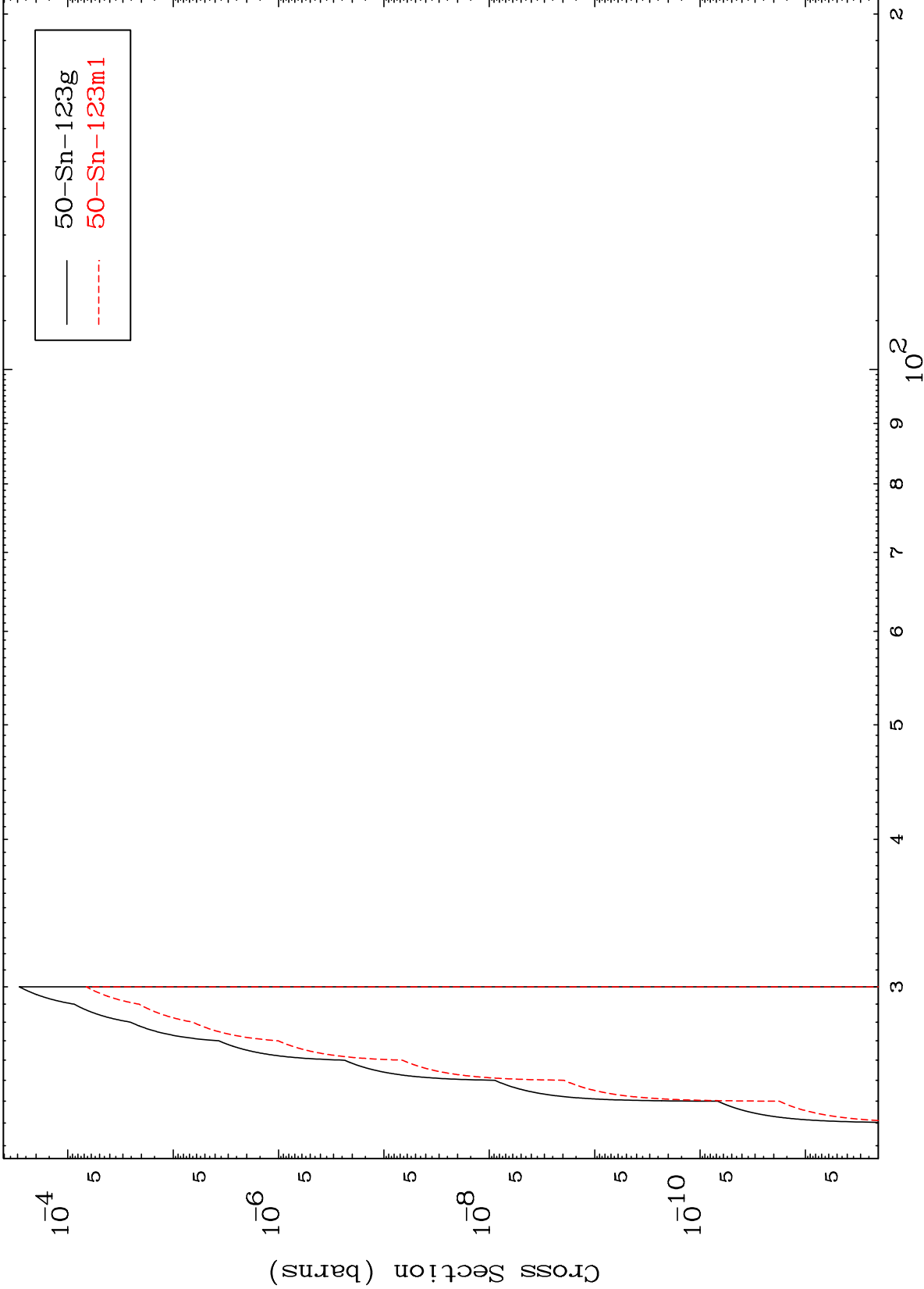
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

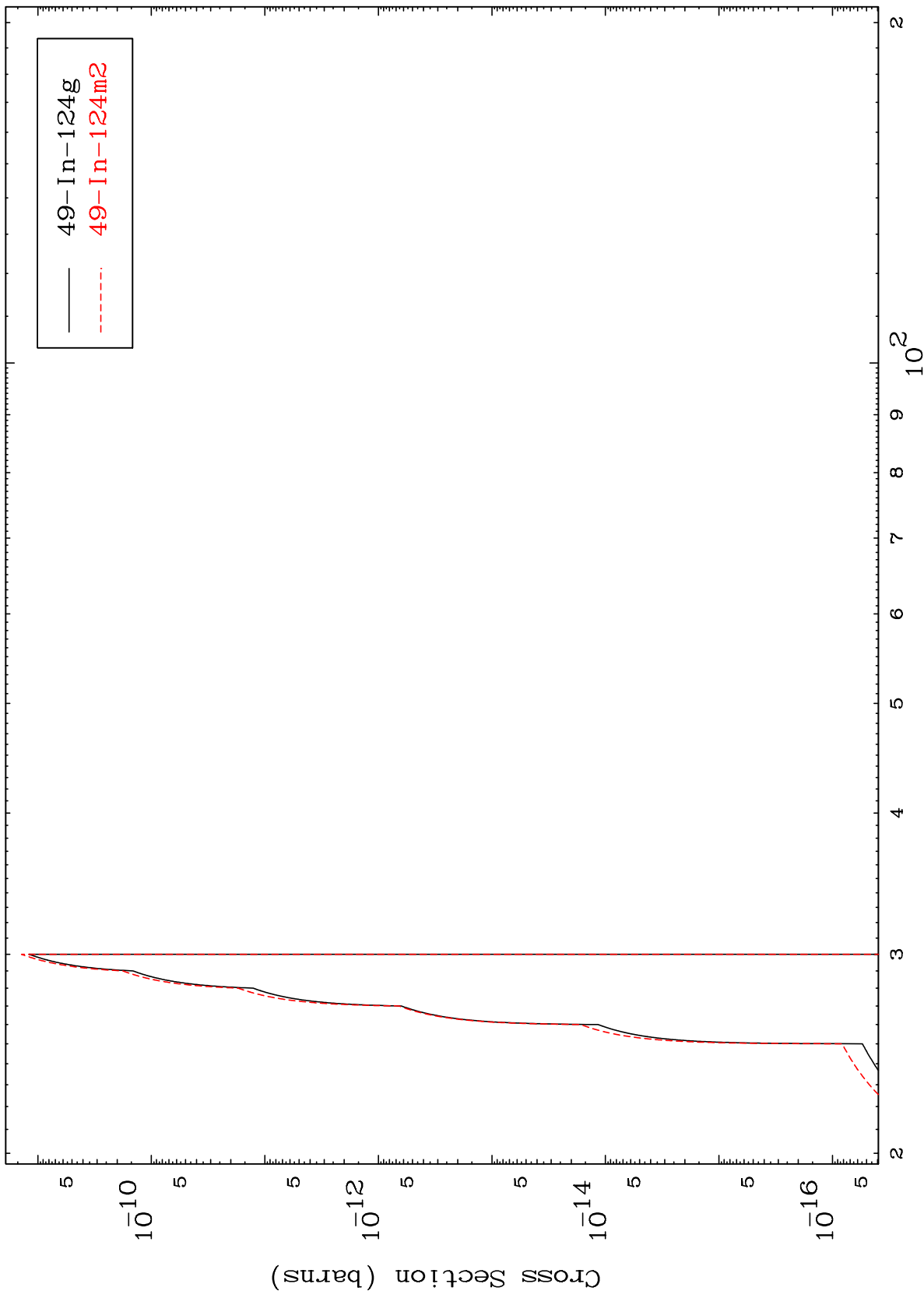


50-Sn-123g
50-Sn-123m1

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51-Sb-126

(n,2n) p
Radionuclide Production Cross Section



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51-Sb-126

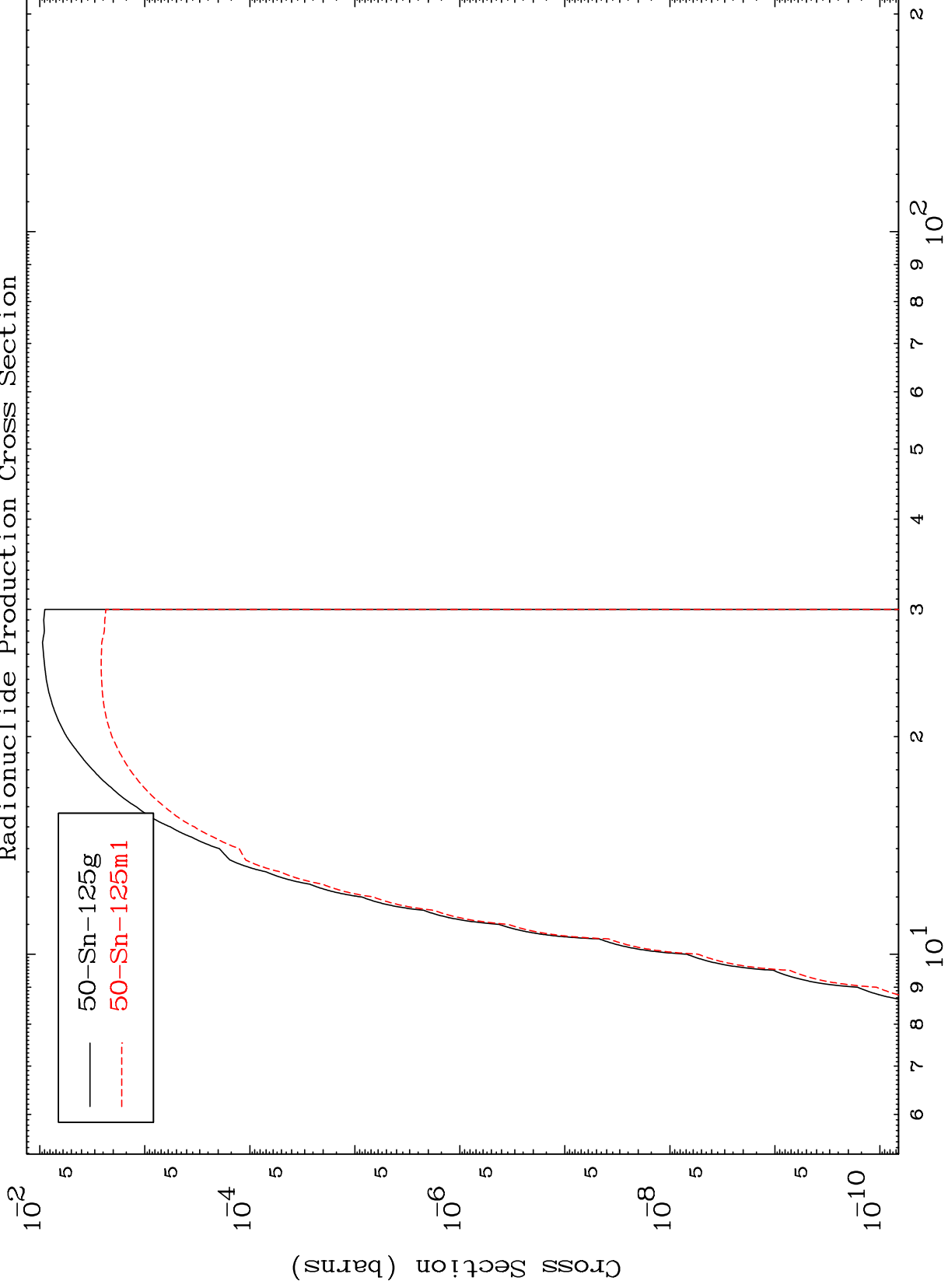
Incident Energy (MeV)

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(n,d)

51-Sb-126

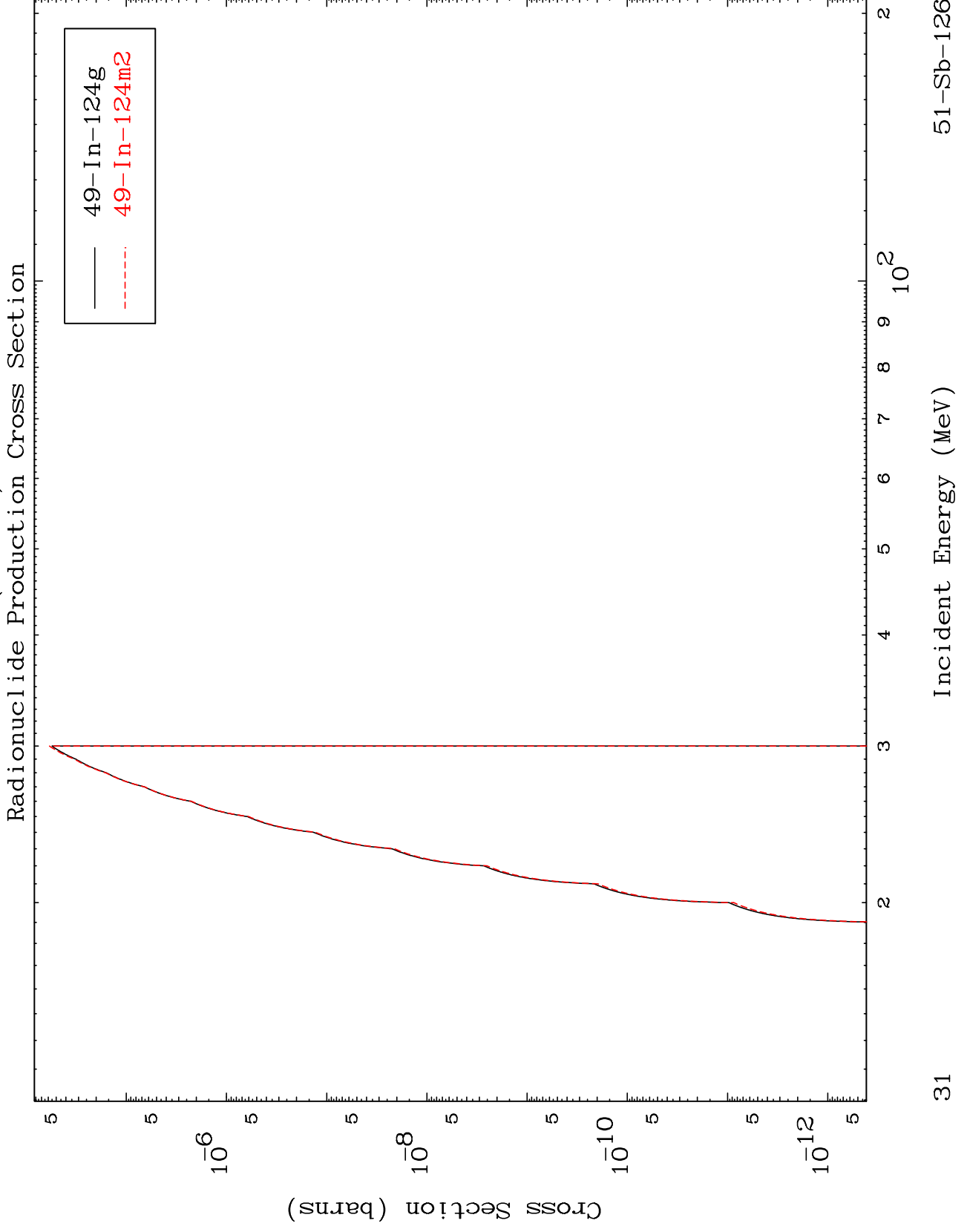
Radionuclide Production Cross Section



30

Incident Energy (MeV)

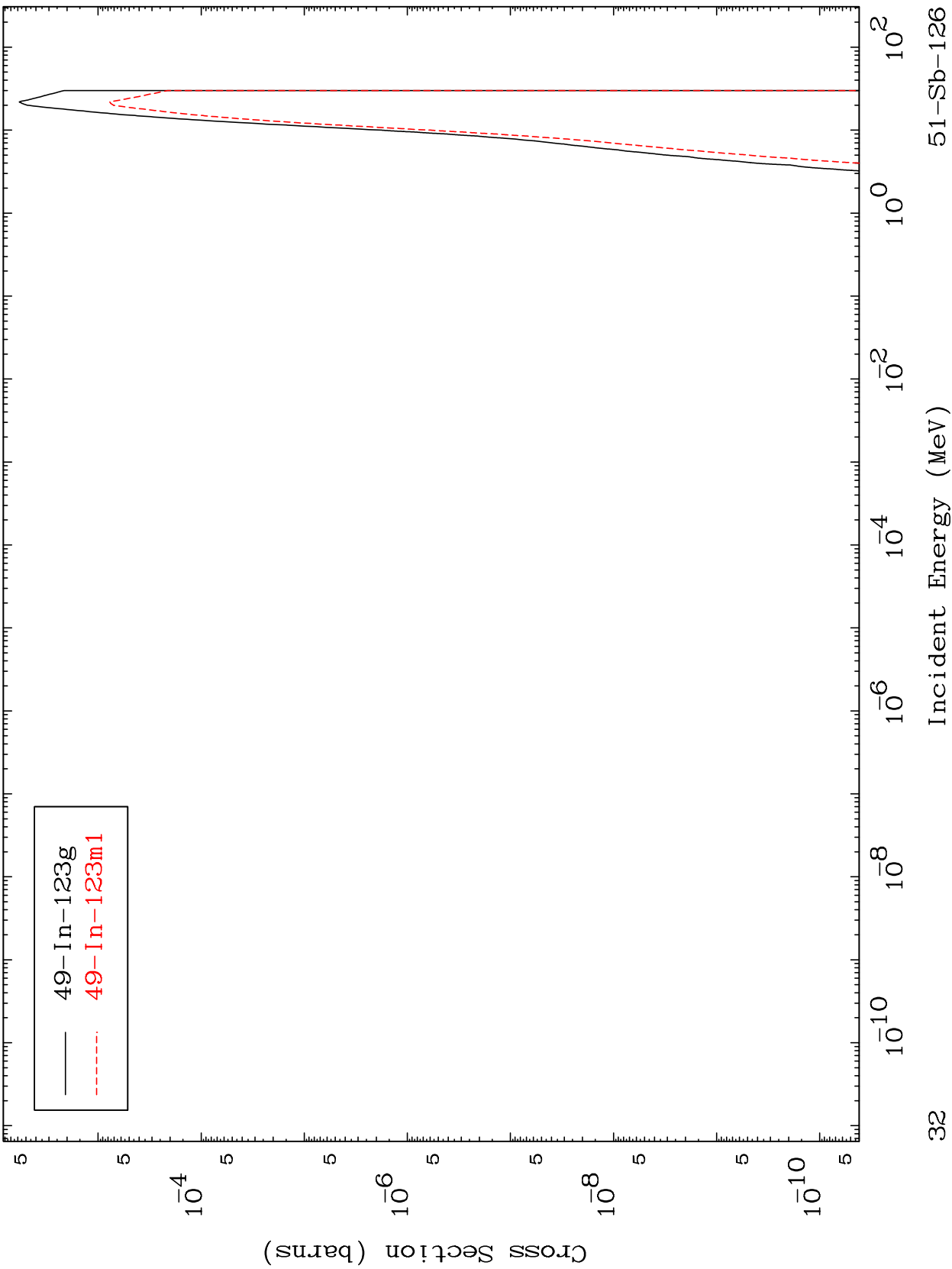
51-Sb-126



MAT 5142

51-Sb-126

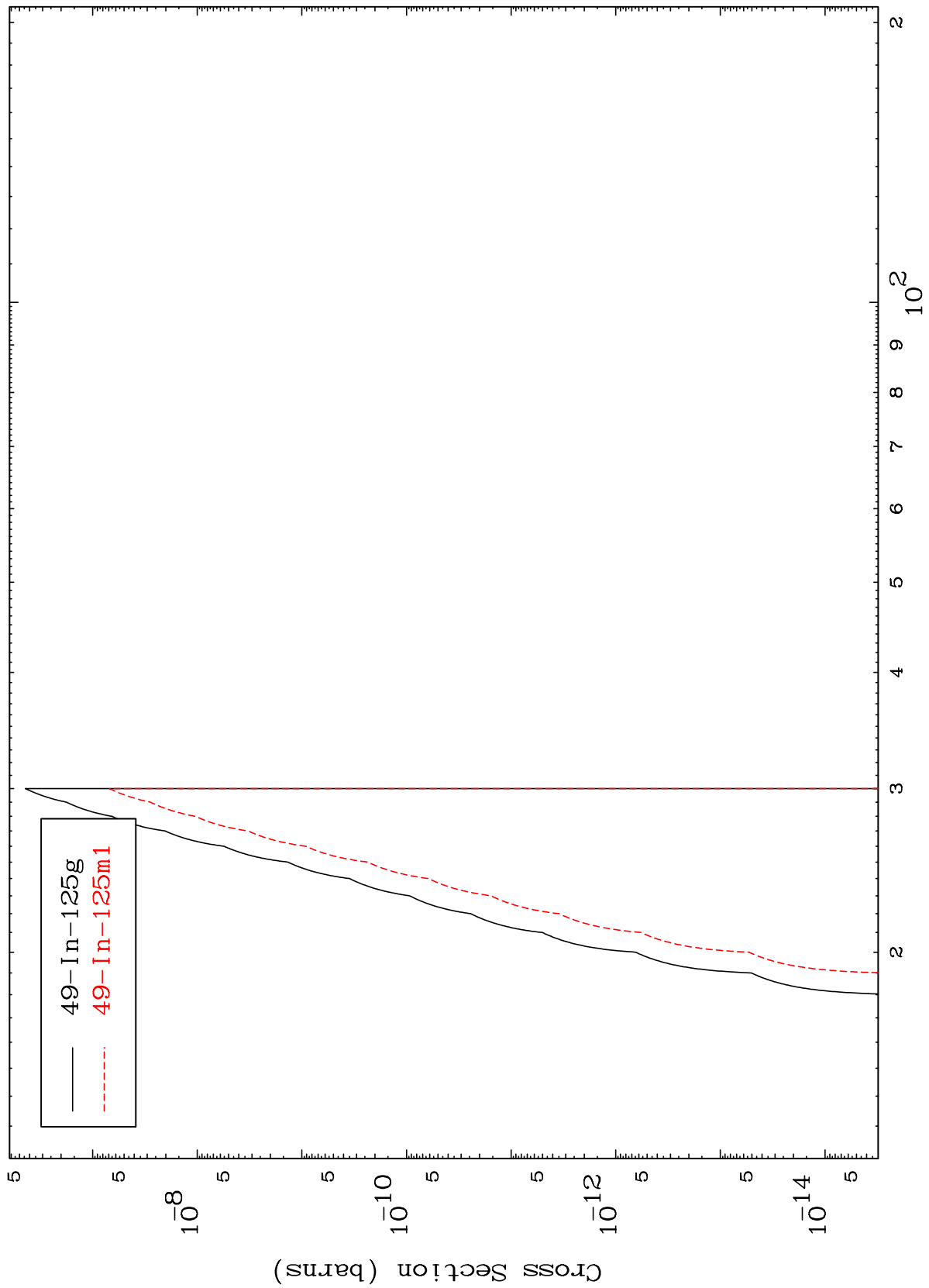
Radionuclide Production Cross Section
(n, α)



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51-Sb-126

(n,2p)
Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-126