

Program EVALPLOT
(Version 2017-1)

by

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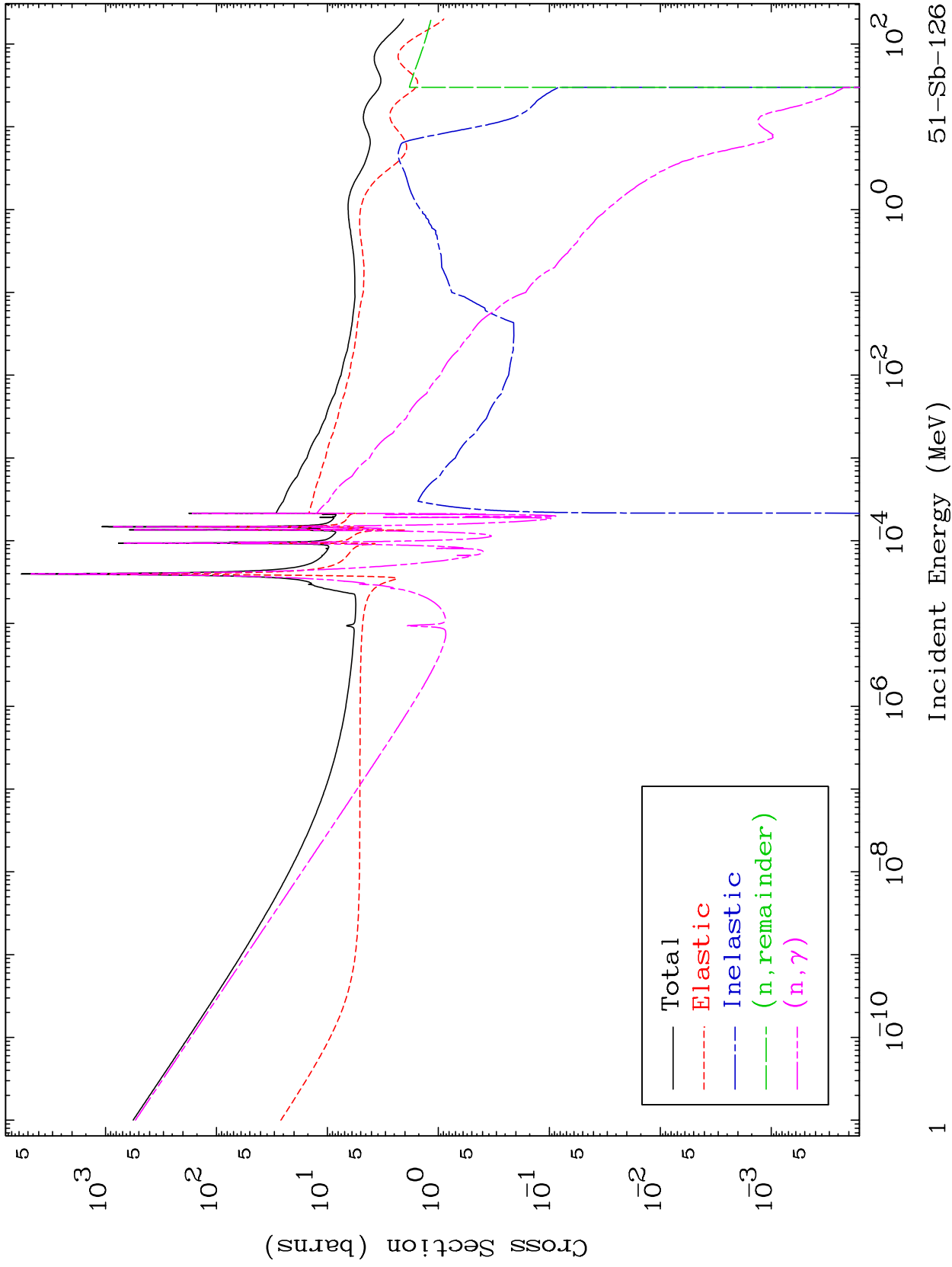
Web:redcullen1.net/HOMEPAGE.NEW

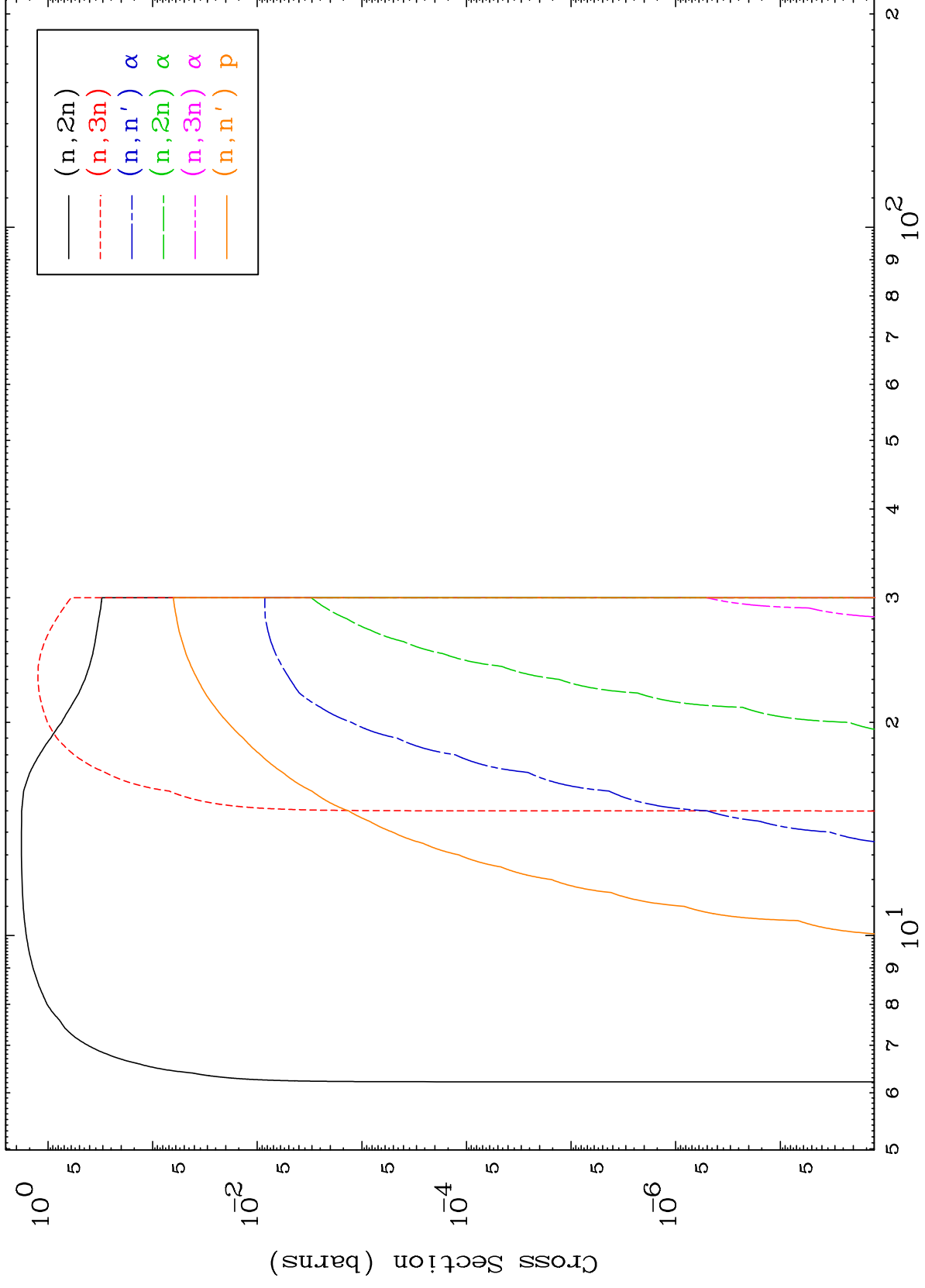
Press Mouse Button to Start

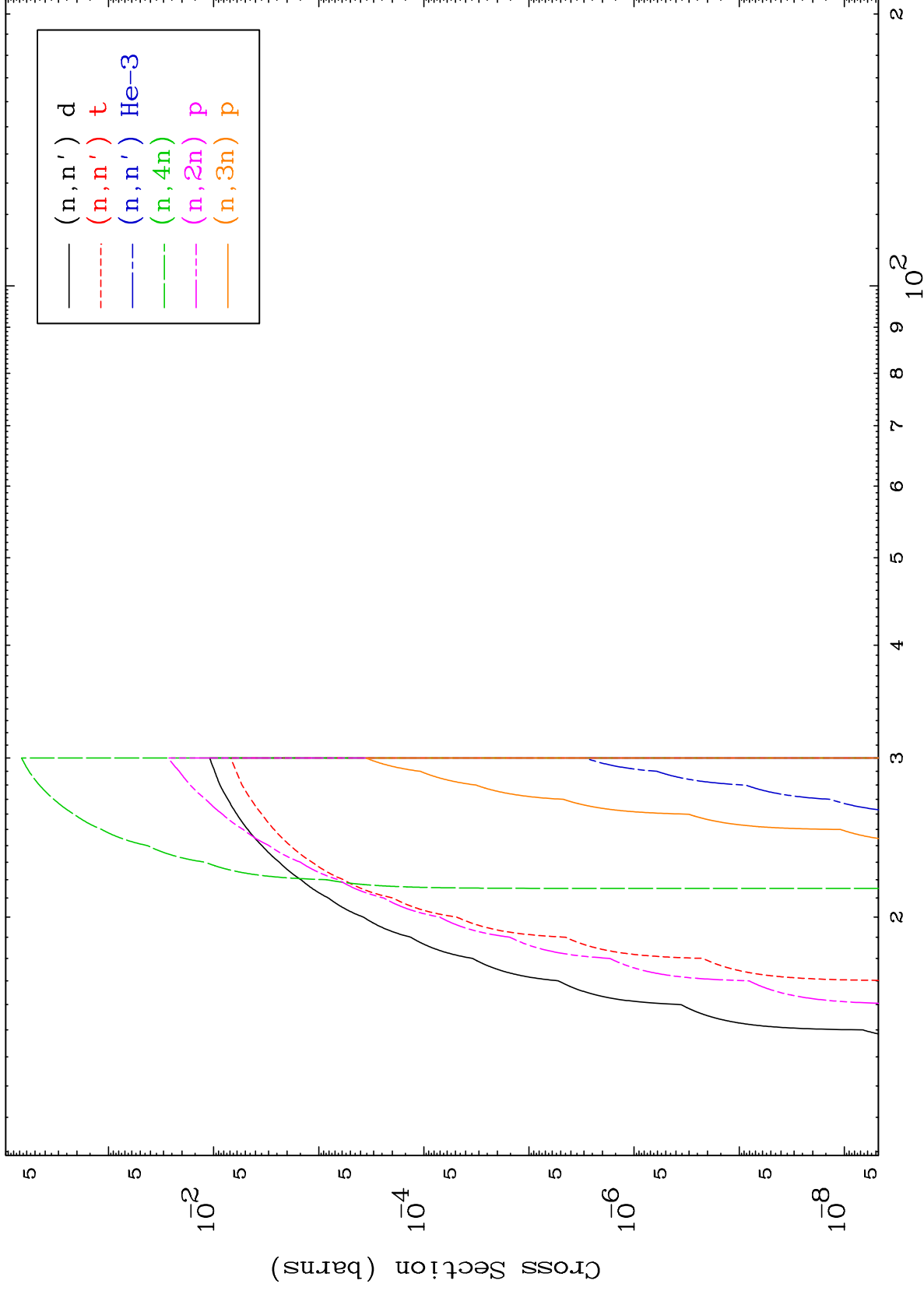
MAT 5142

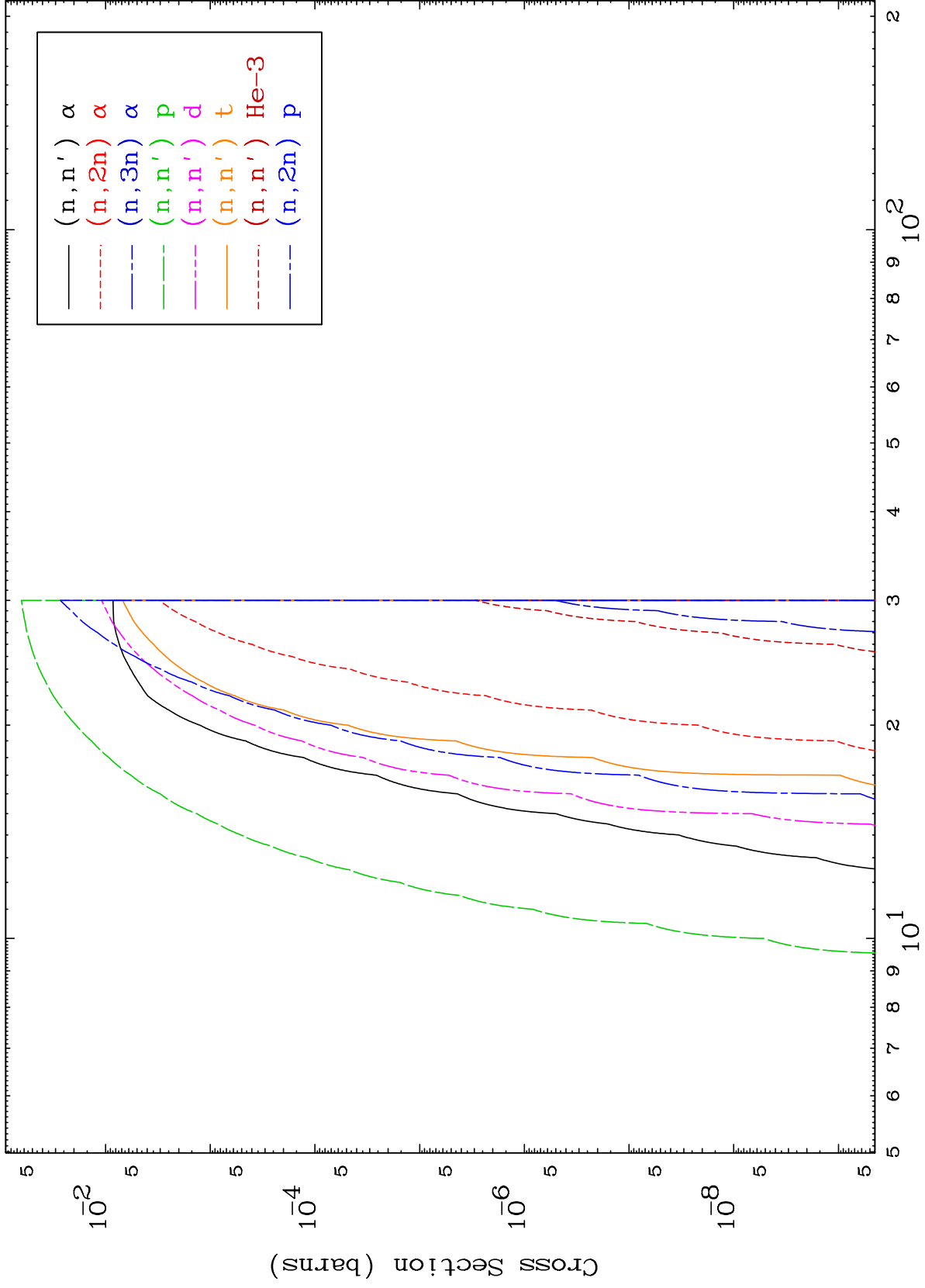
Major
293 Kelvin Cross Sections

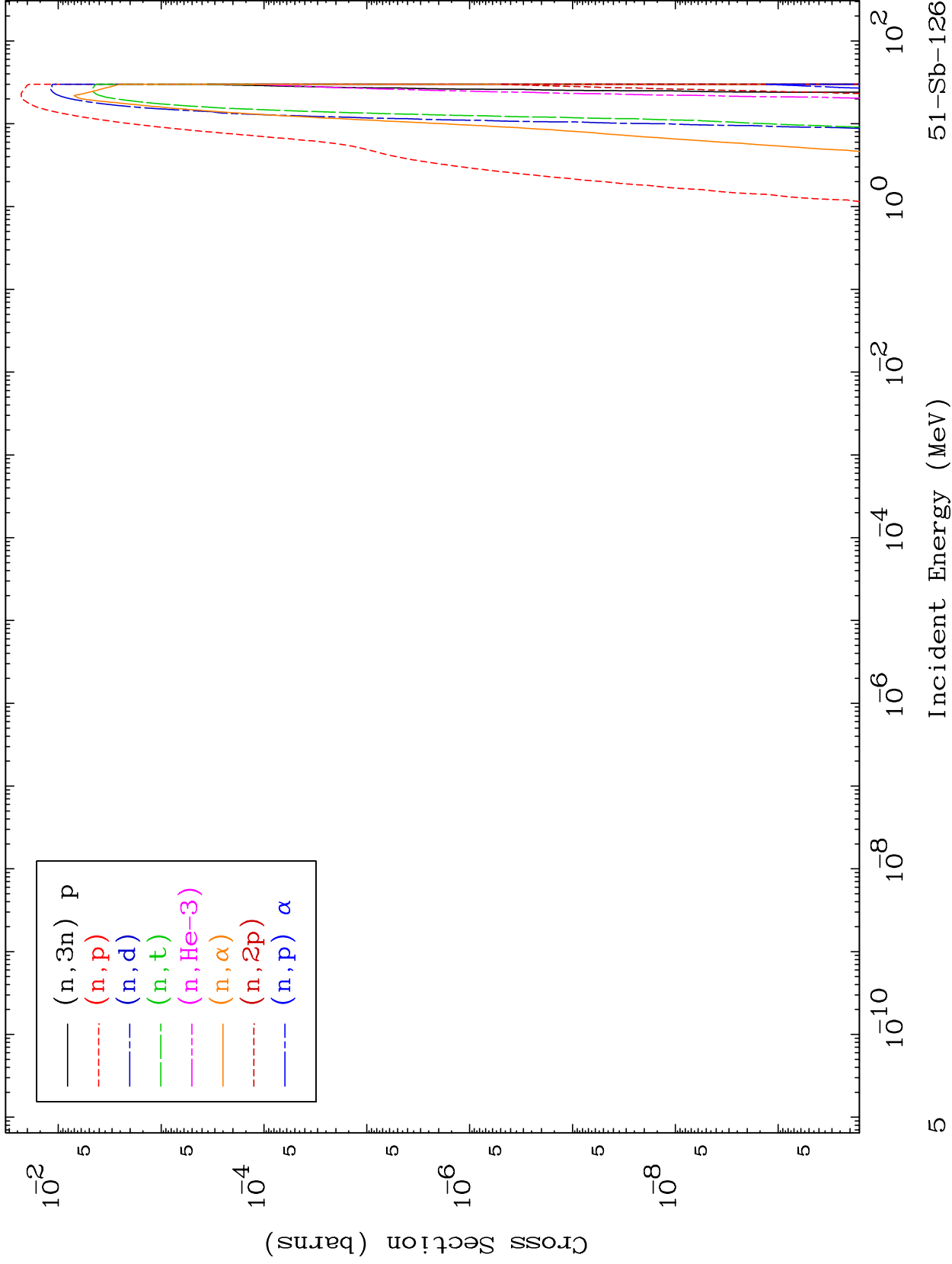
51-Sb-126







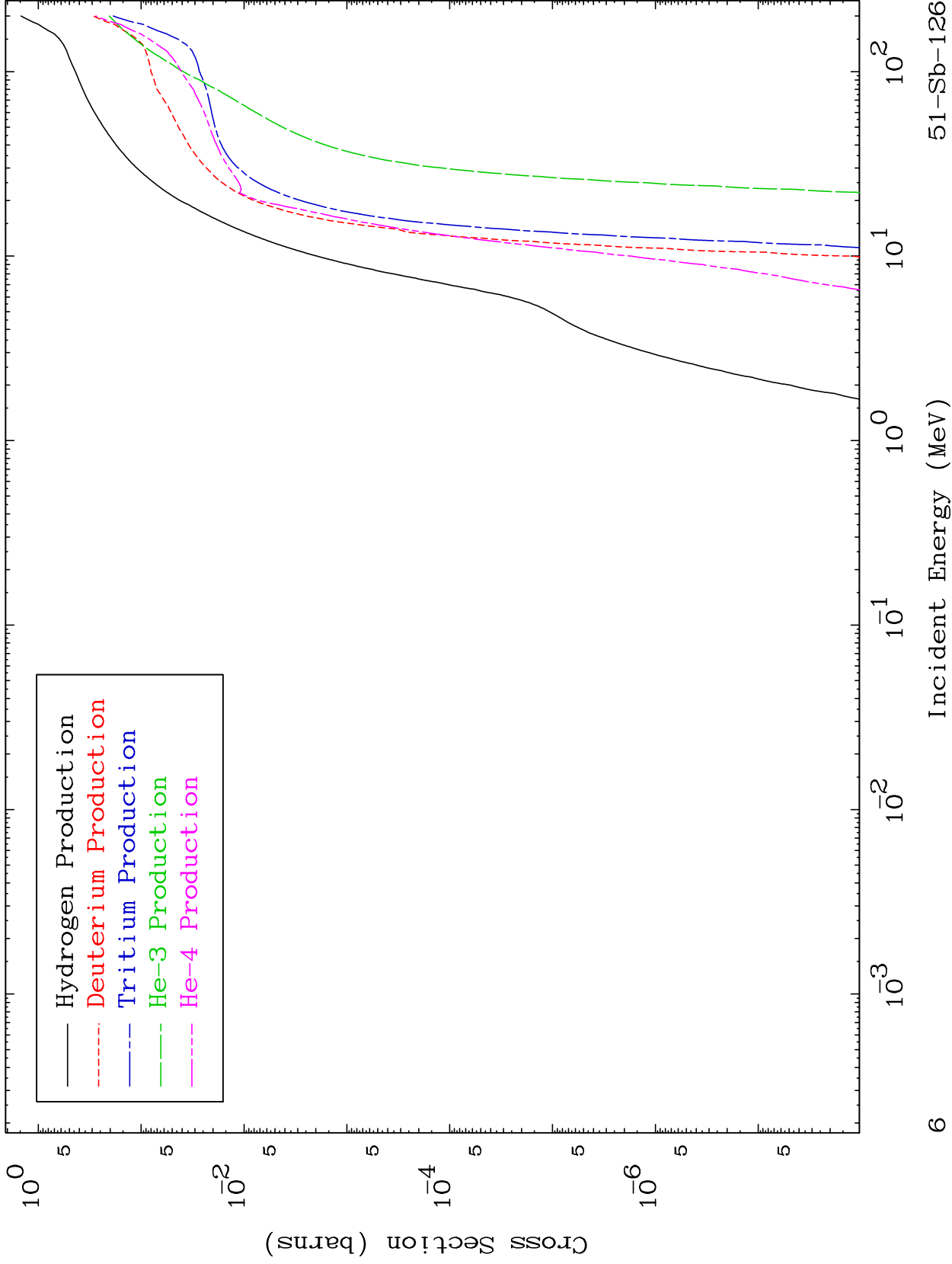


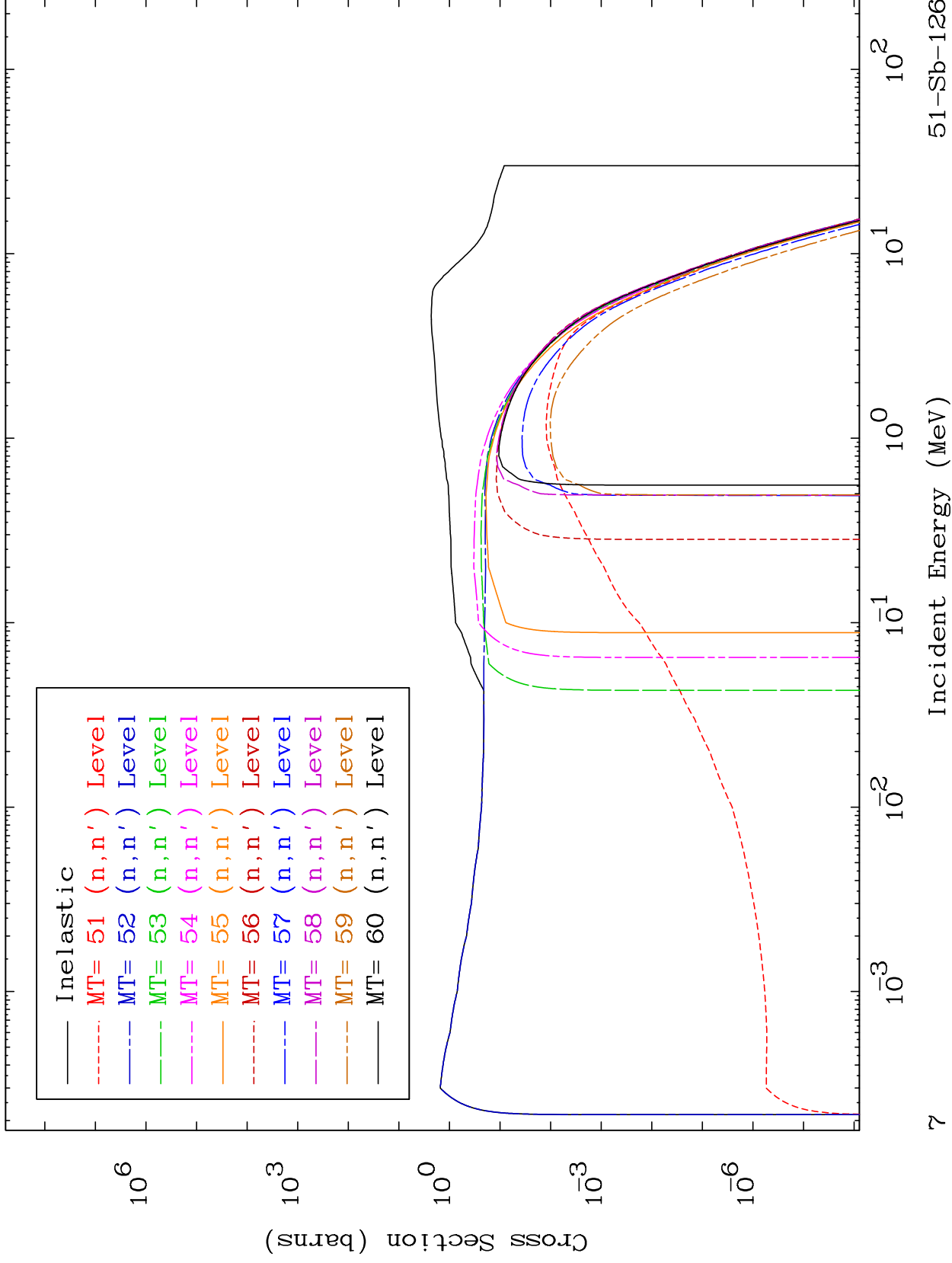


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Particle Production
293 Kelvin Cross Sections

51-Sb-126



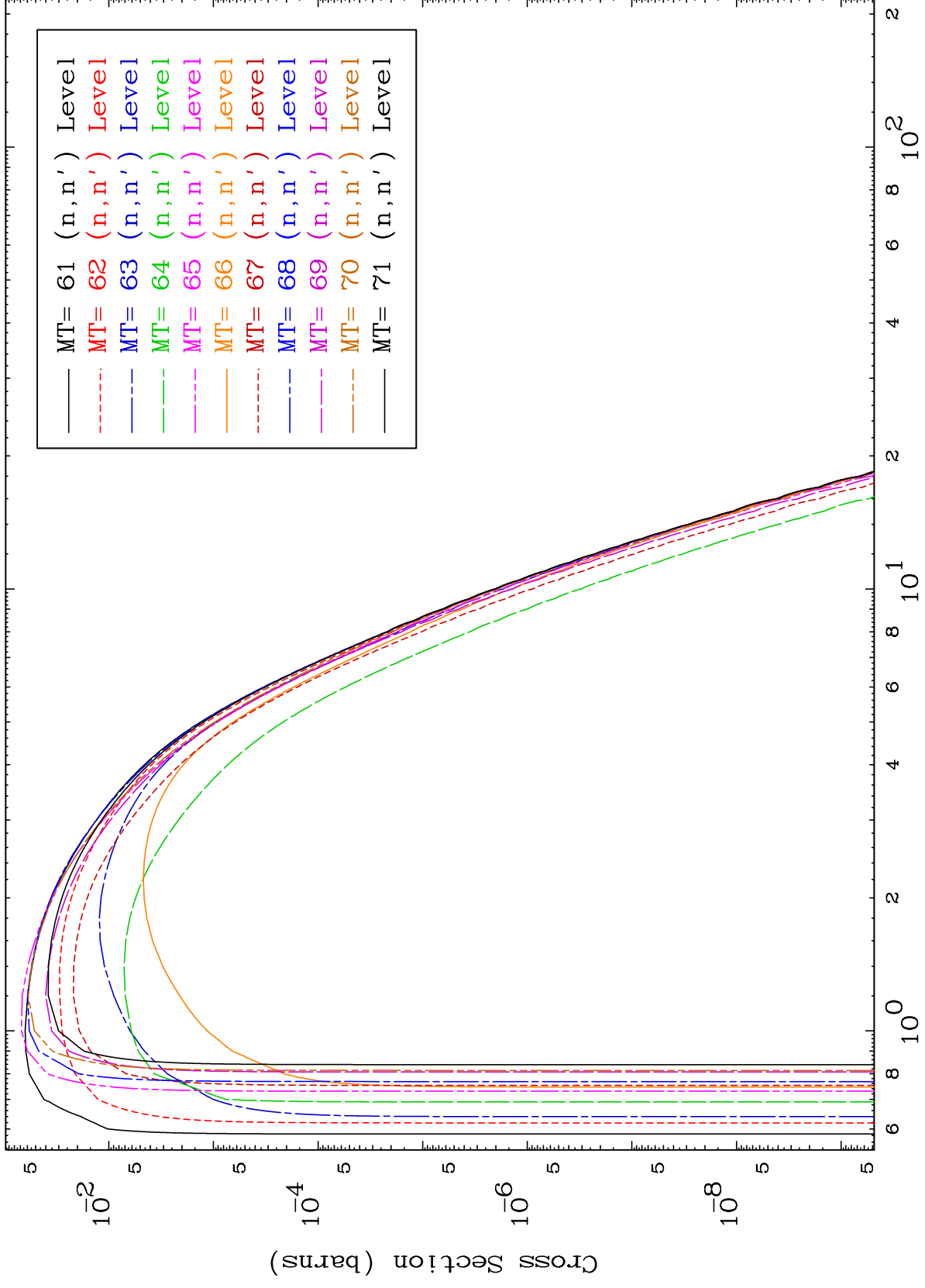


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(n,n') Level

51-Sb-126

293 Kelvin Cross Sections

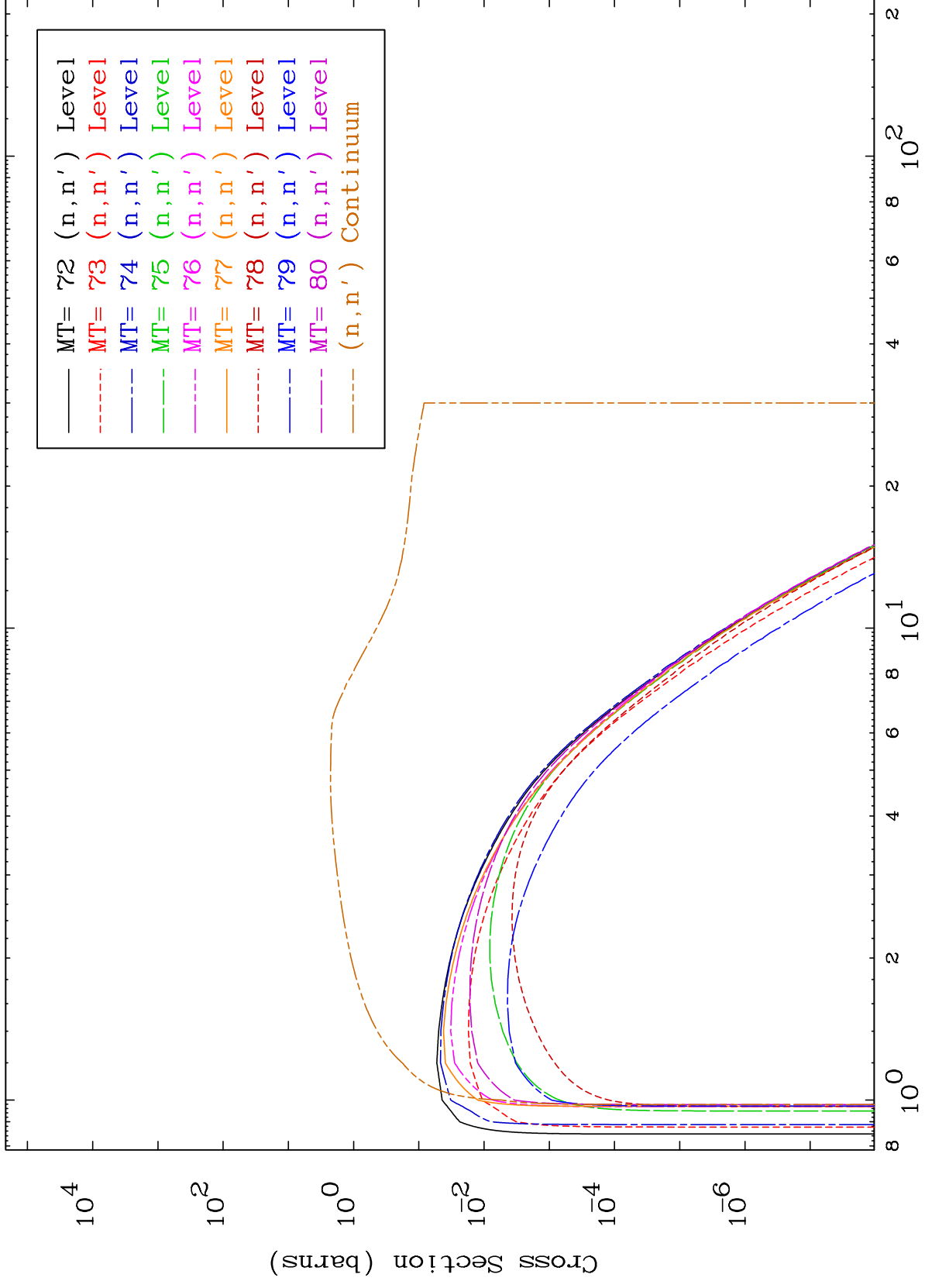


Incident Energy (MeV)

51-Sb-126

8

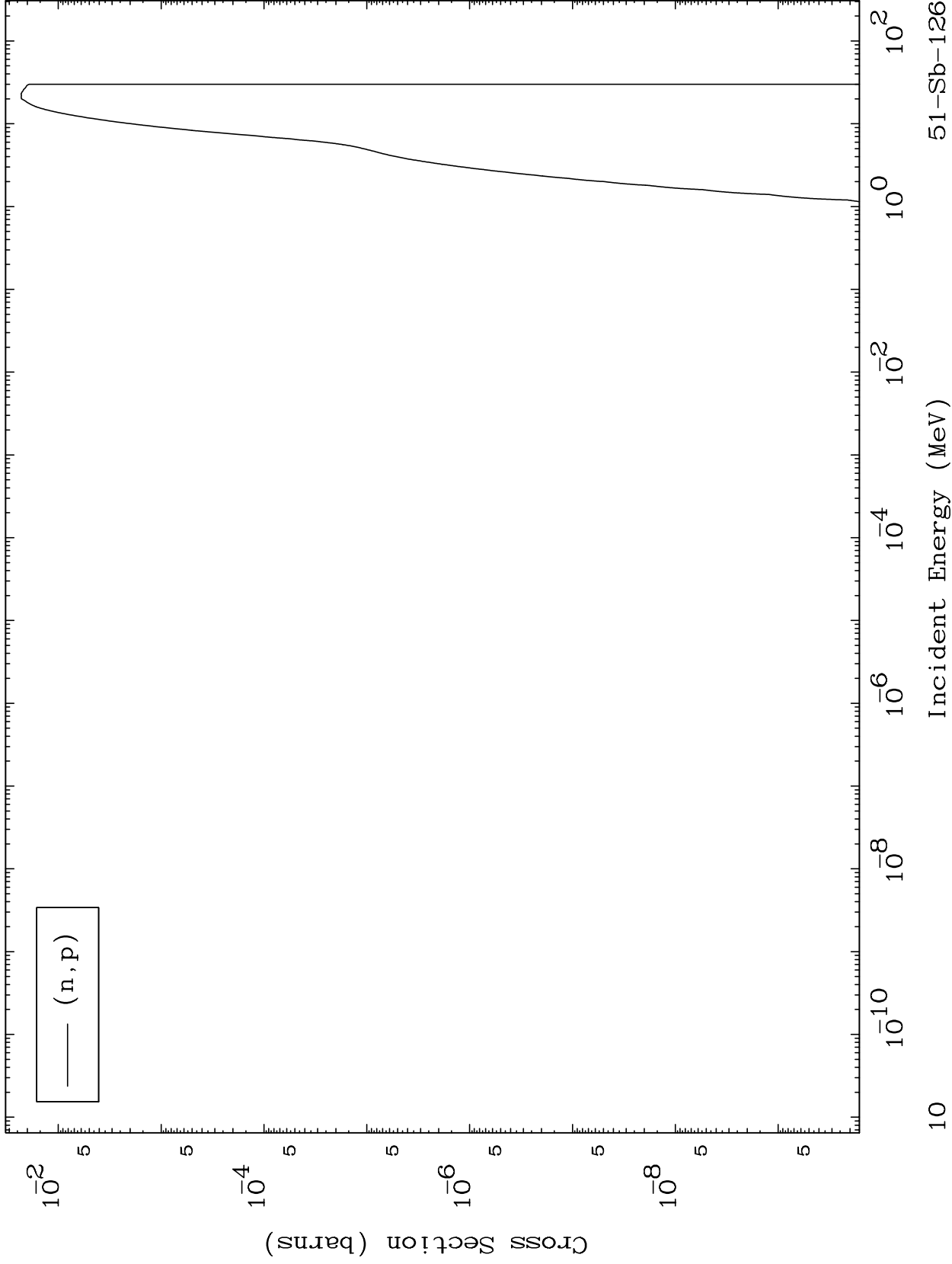
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

51-Sb-126



10

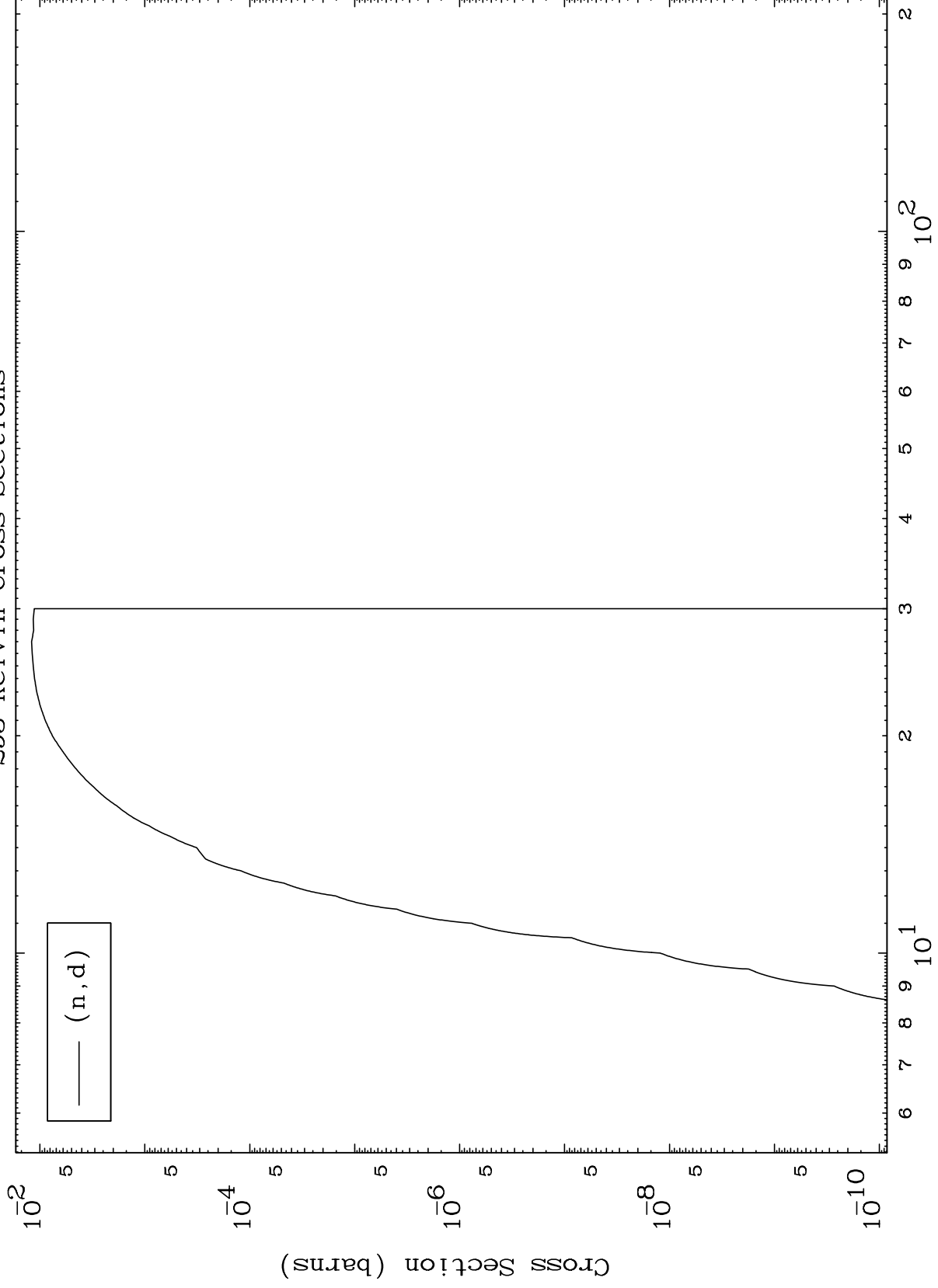
Incident Energy (MeV)

51-Sb-126

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(n,d) Levels
293 Kelvin Cross Sections

51-Sb-126



11

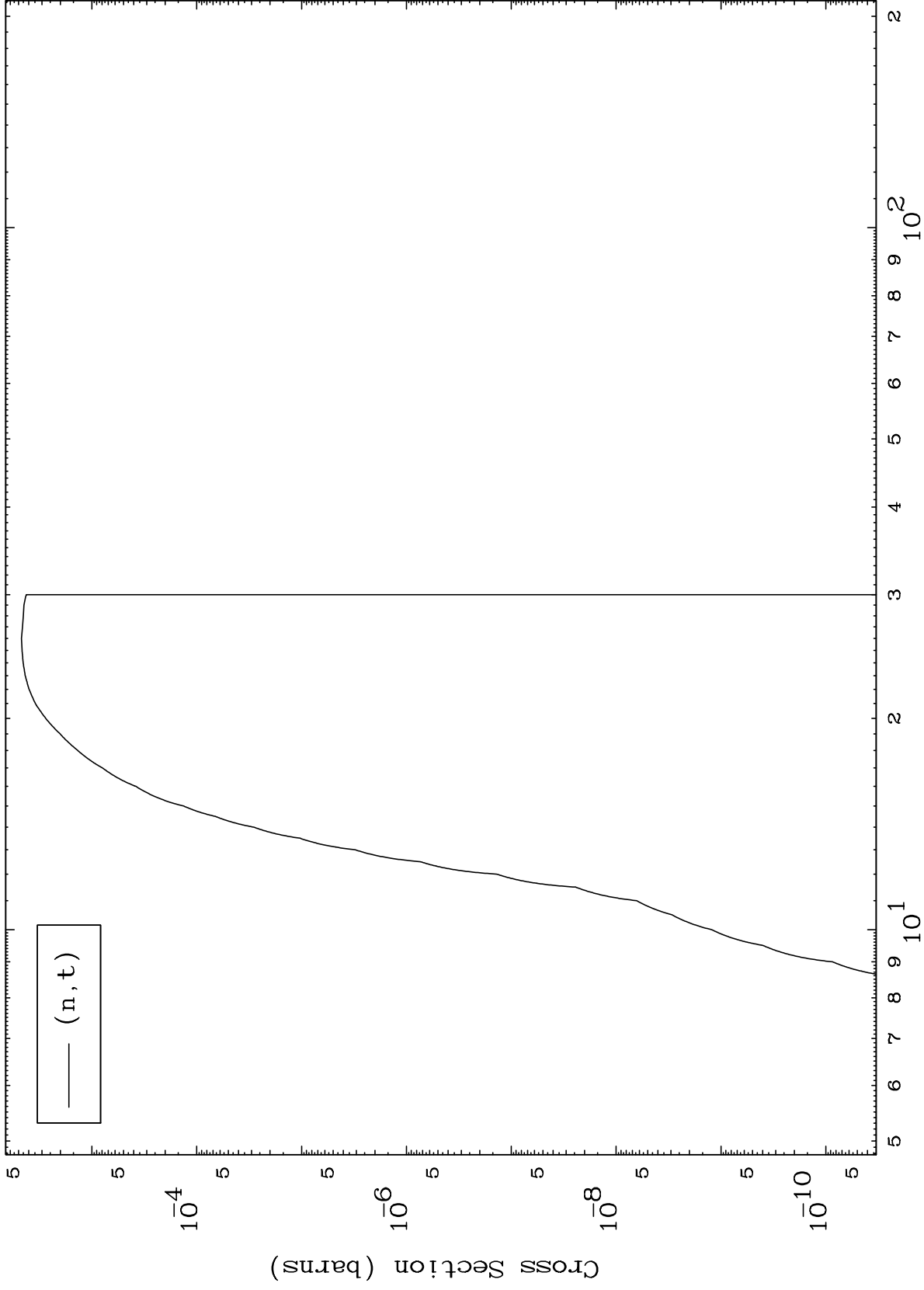
Incident Energy (MeV)

51-Sb-126

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(n,t) Levels
293 Kelvin Cross Sections

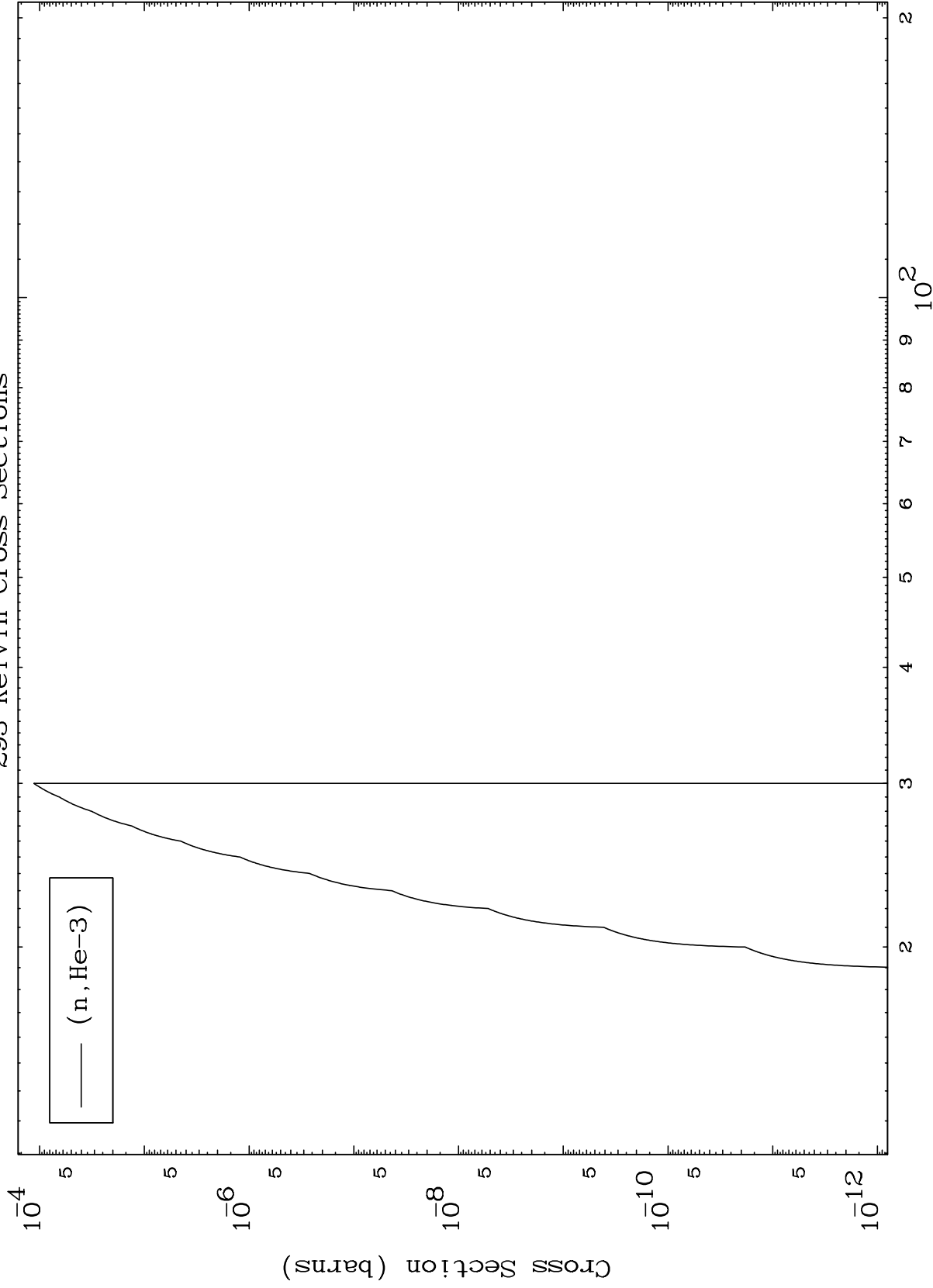
51-Sb-126



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Incident Energy (MeV)

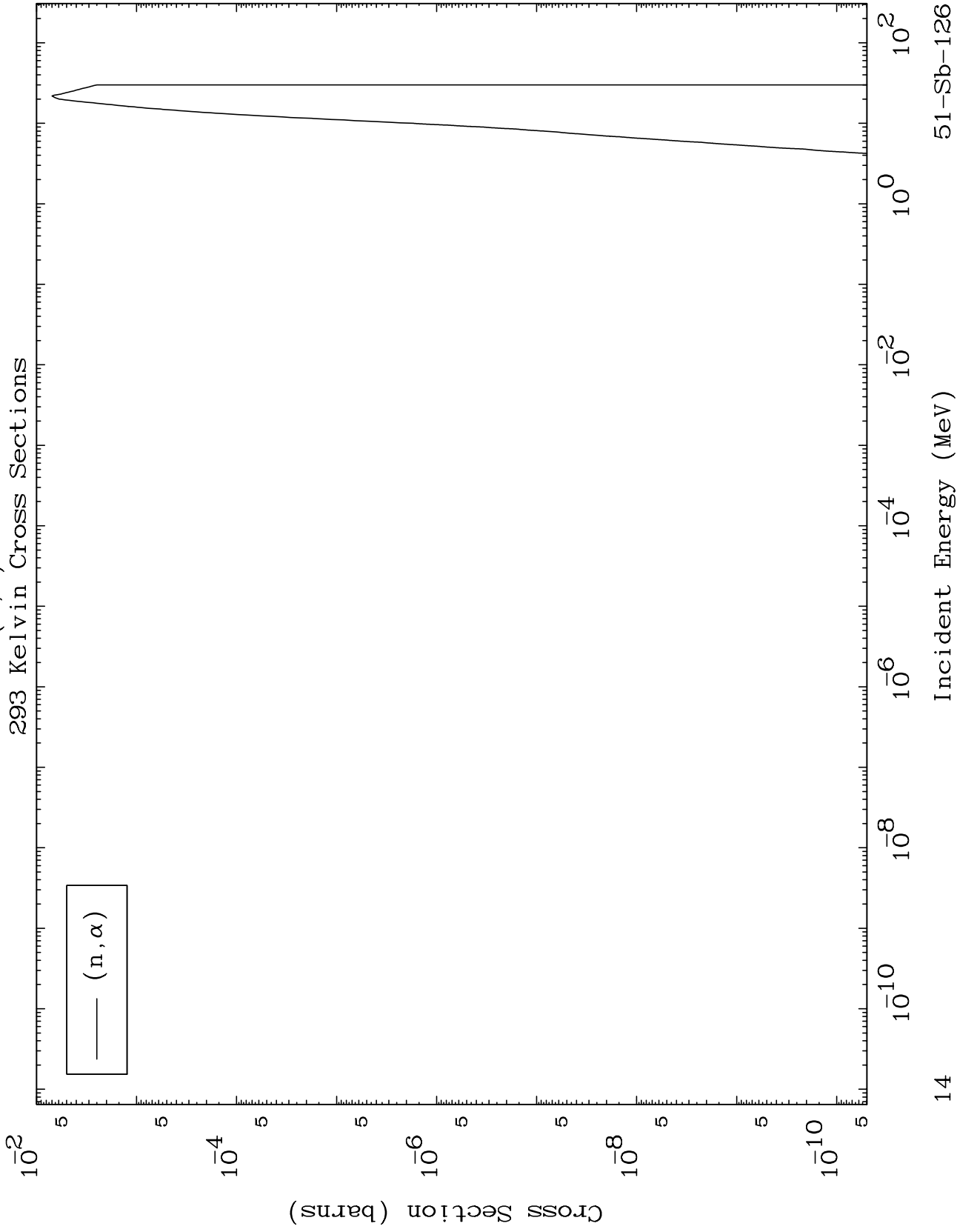
51-Sb-126

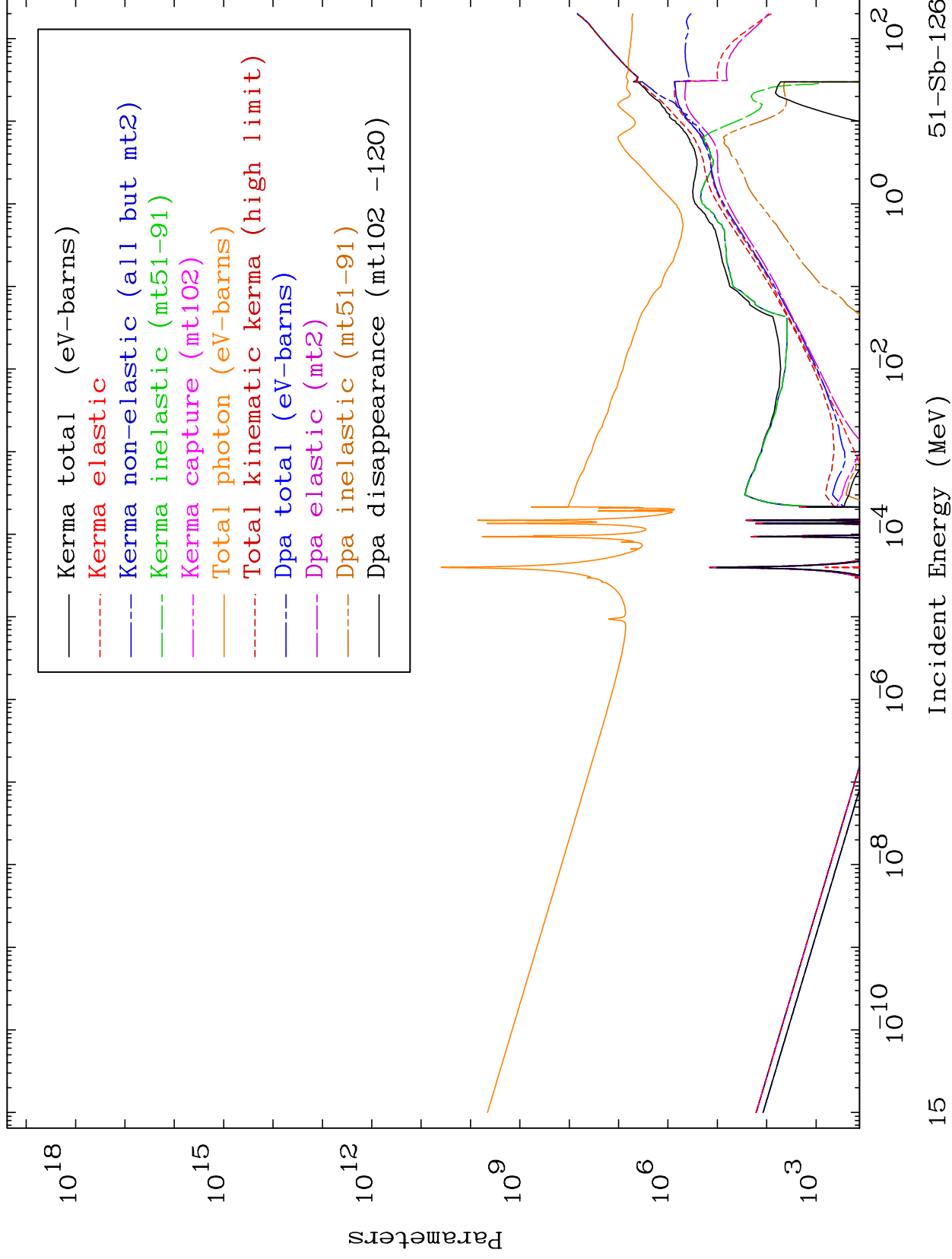


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(n, α) Levels
293 Kelvin Cross Sections

51-Sb-126

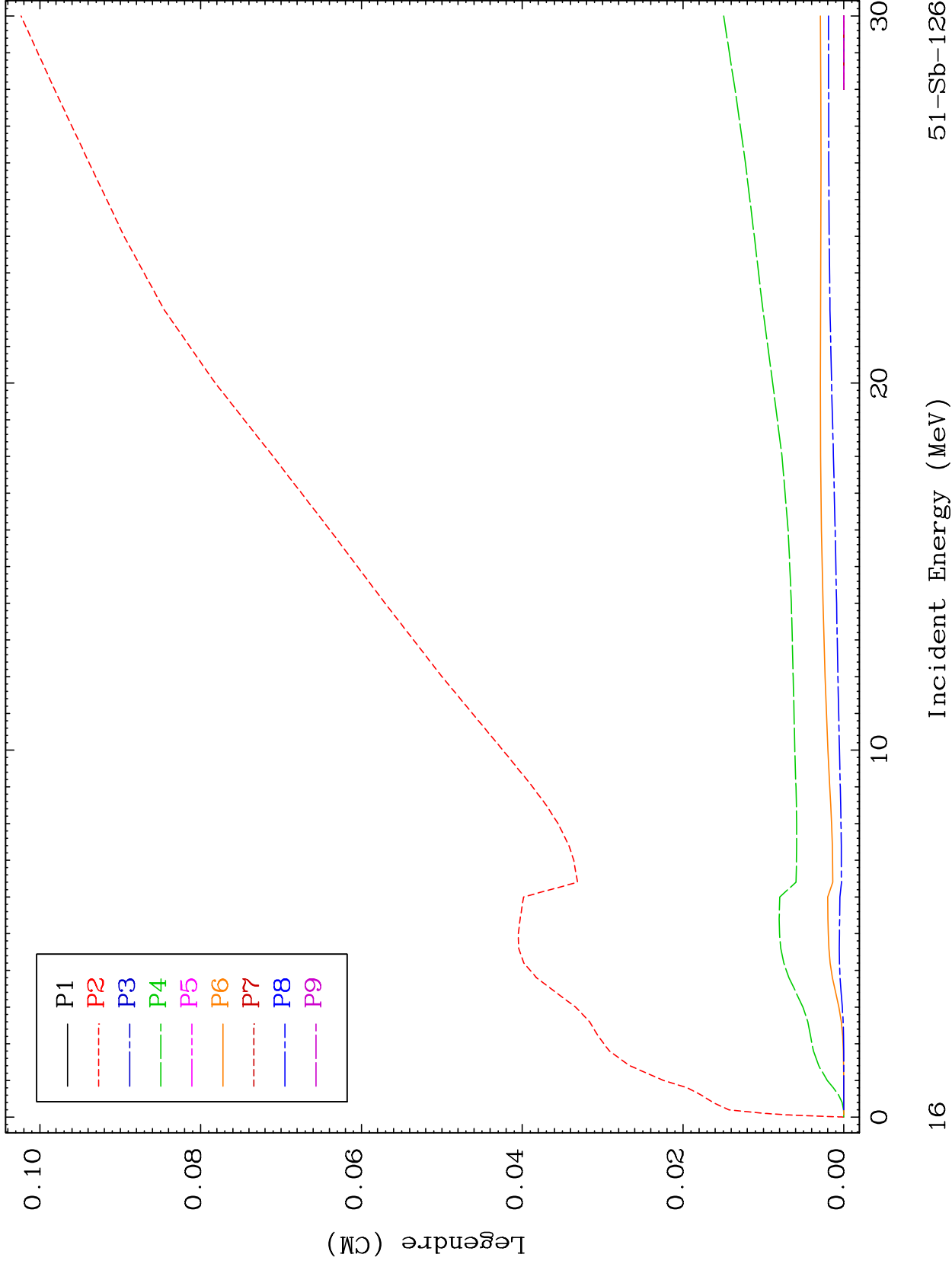




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Elastic Legendre Coefficients

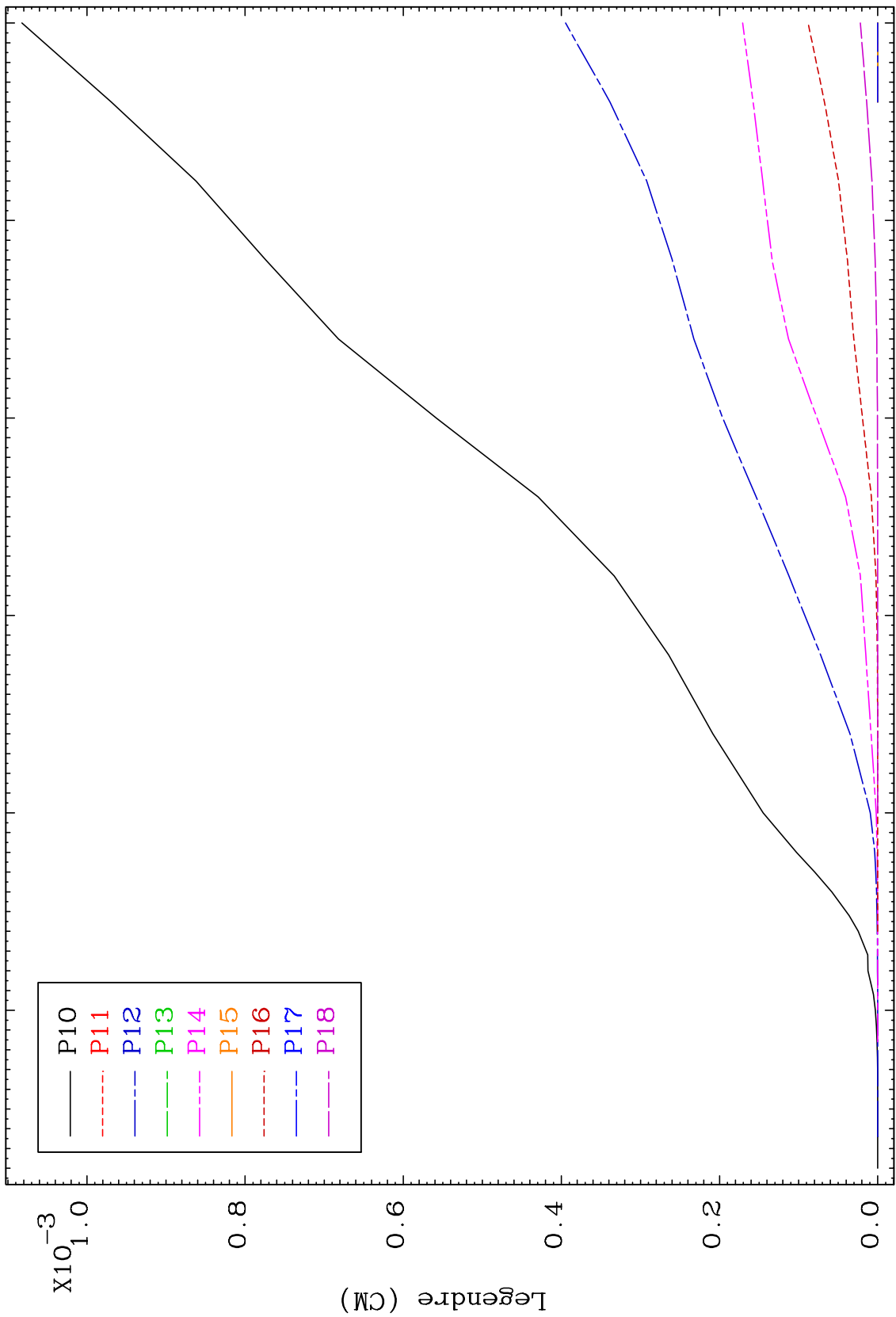
51-Sb-126



51-Sb-126

Incident Energy (MeV)

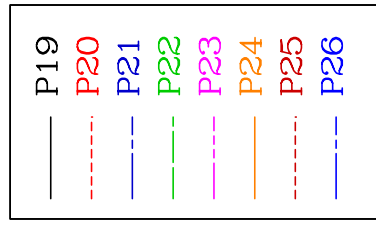
16



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Elastic
Legendre Coefficients

51-Sb-126



$\times 10^{-6}$
Legendre (CM)

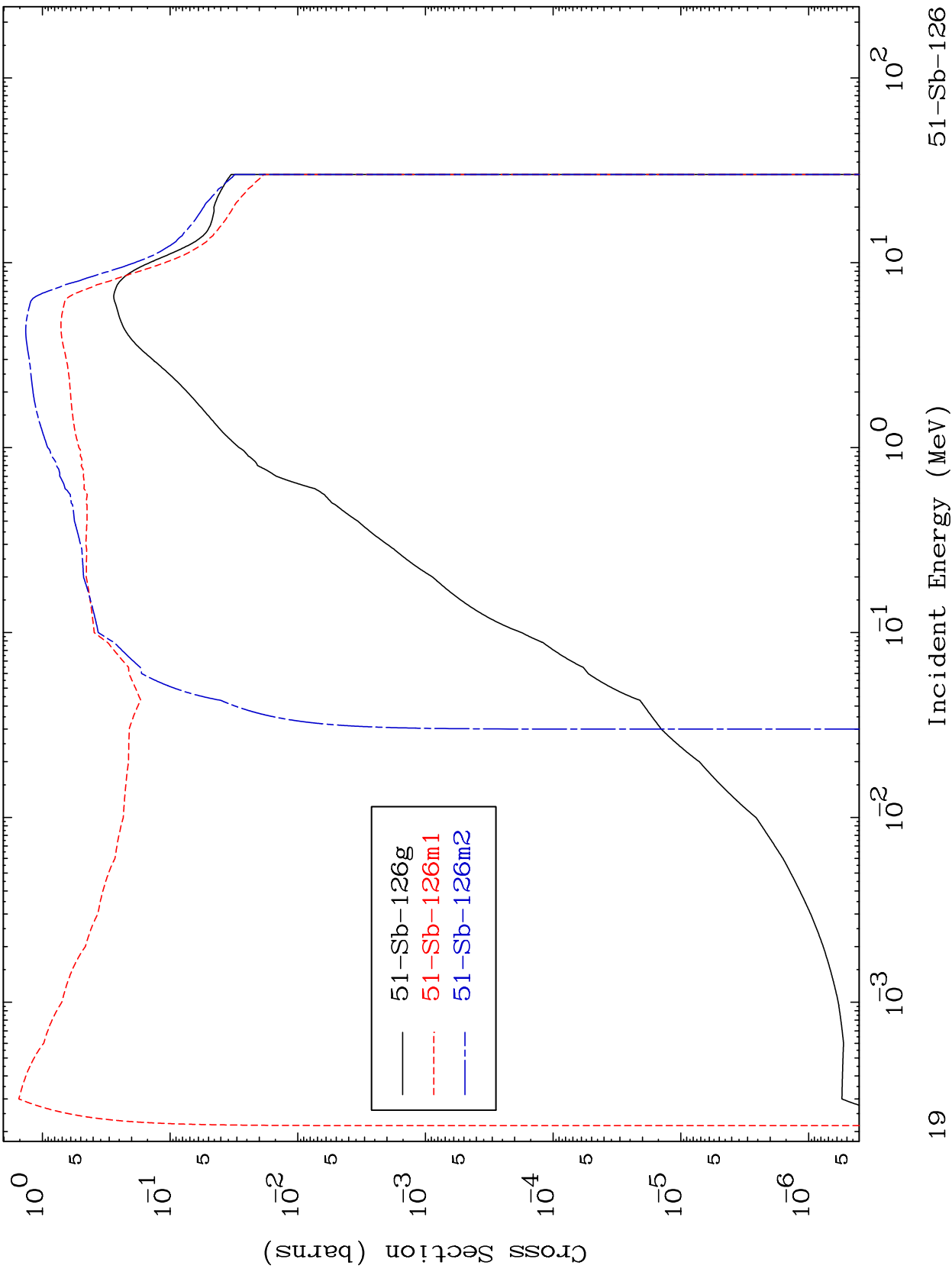


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Incident Energy (MeV)

51-Sb-126

Inelastic
Radionuclide Production Cross Section

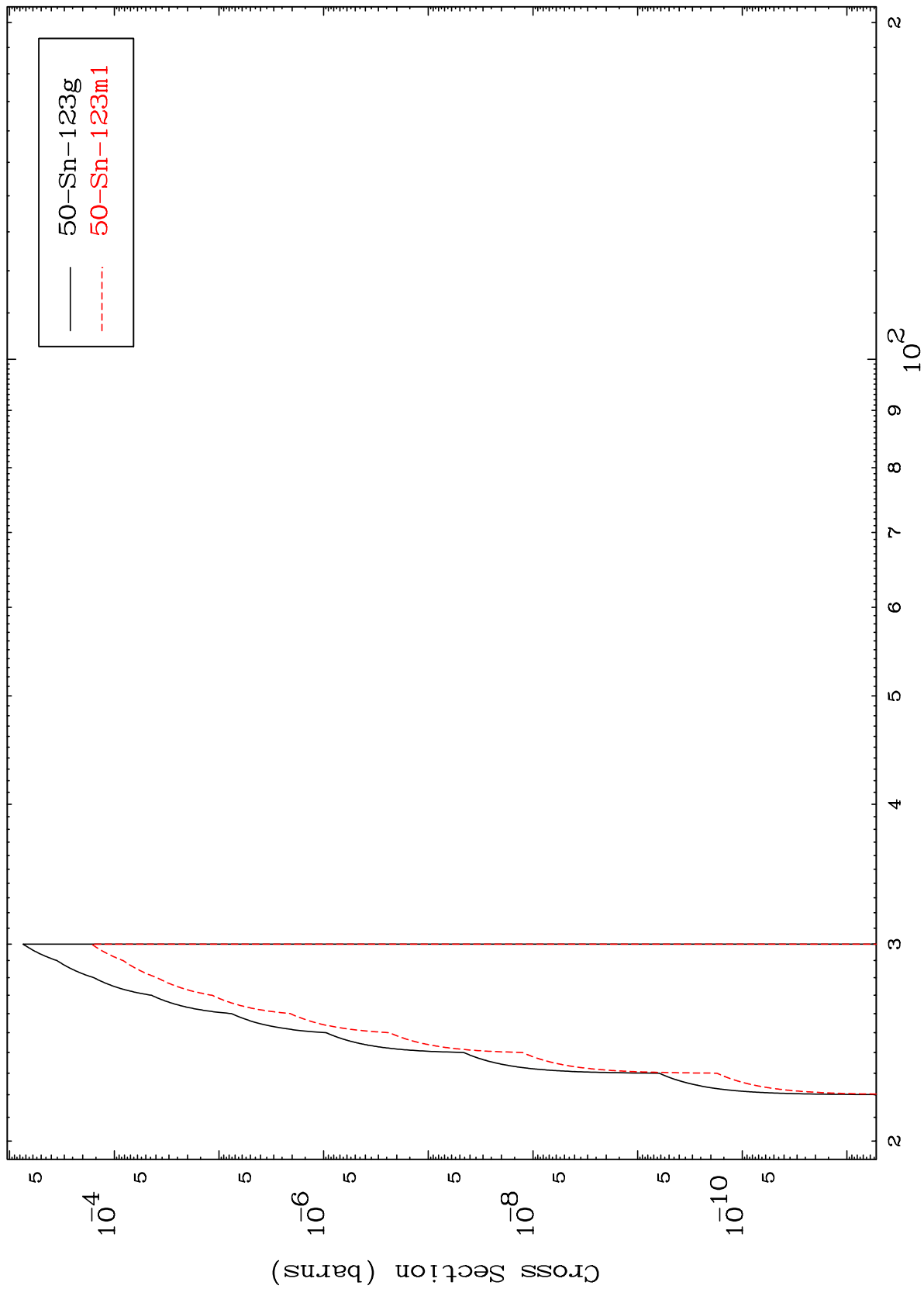


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(n,2n) d

51-Sb-126

Radionuclide Production Cross Section



20

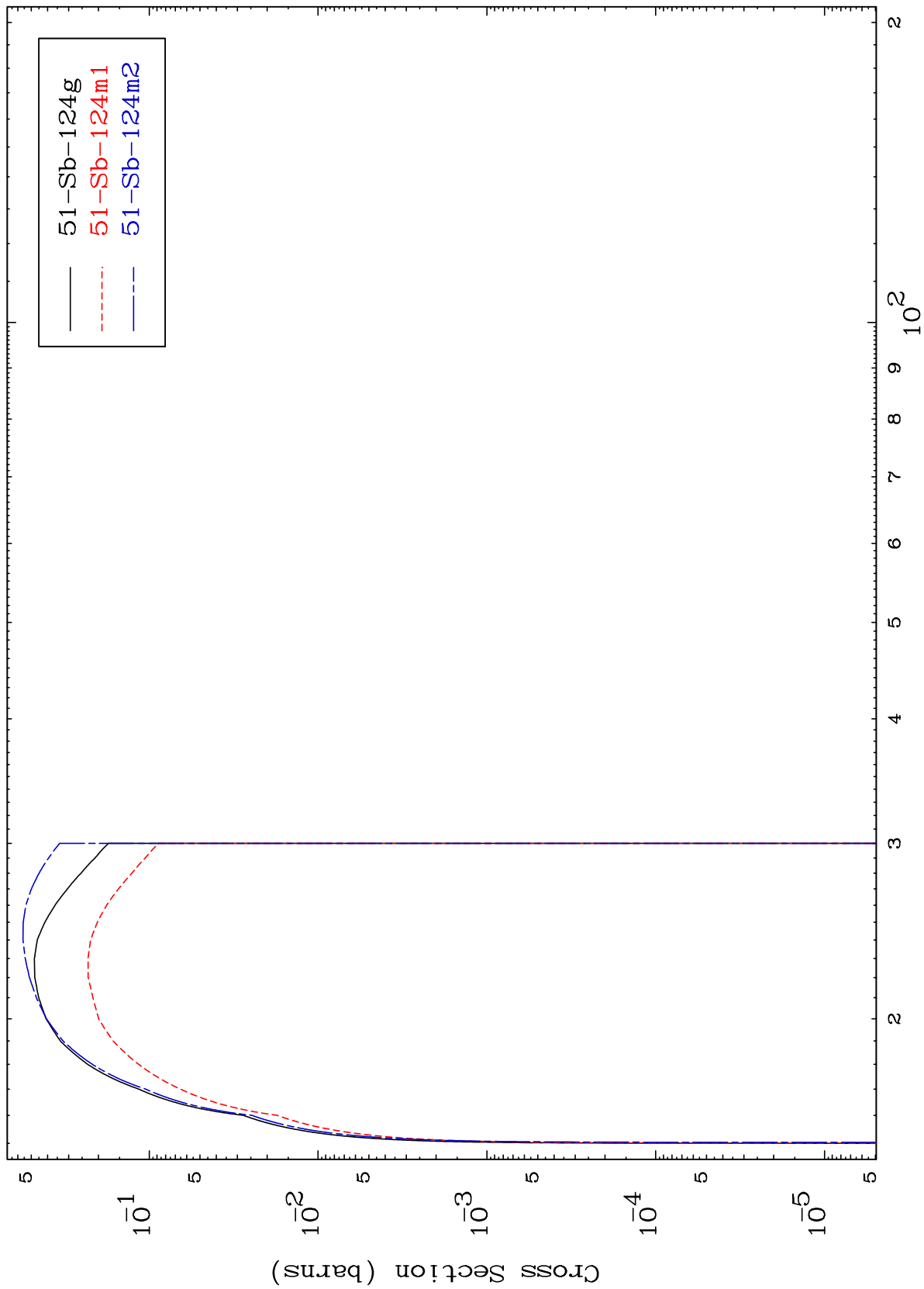
Incident Energy (MeV)

51-Sb-126

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51-Sb-126

(n,3n)
Radionuclide Production Cross Section

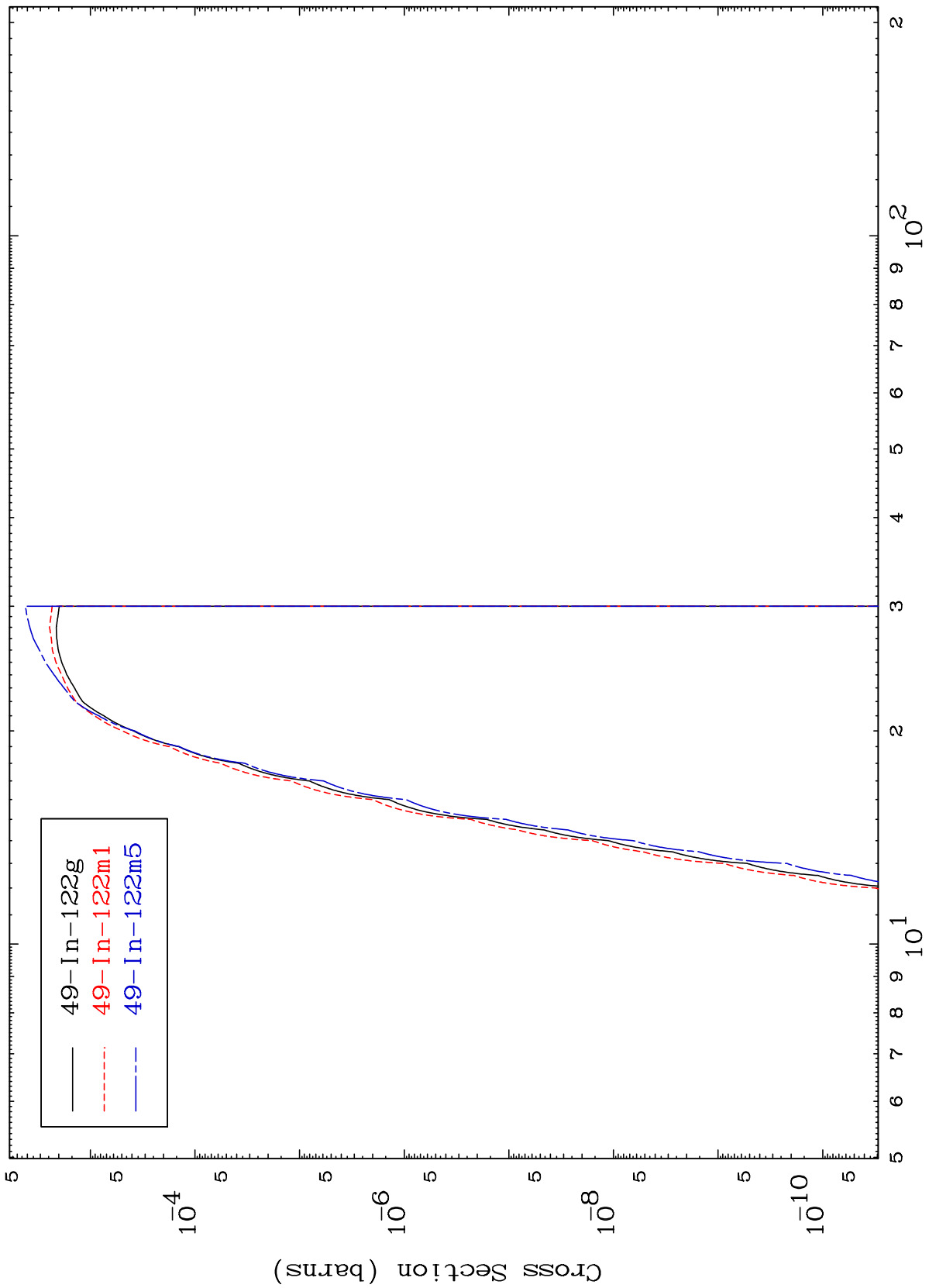


51-Sb-126

Incident Energy (MeV)

21

Radionuclide Production Cross Section



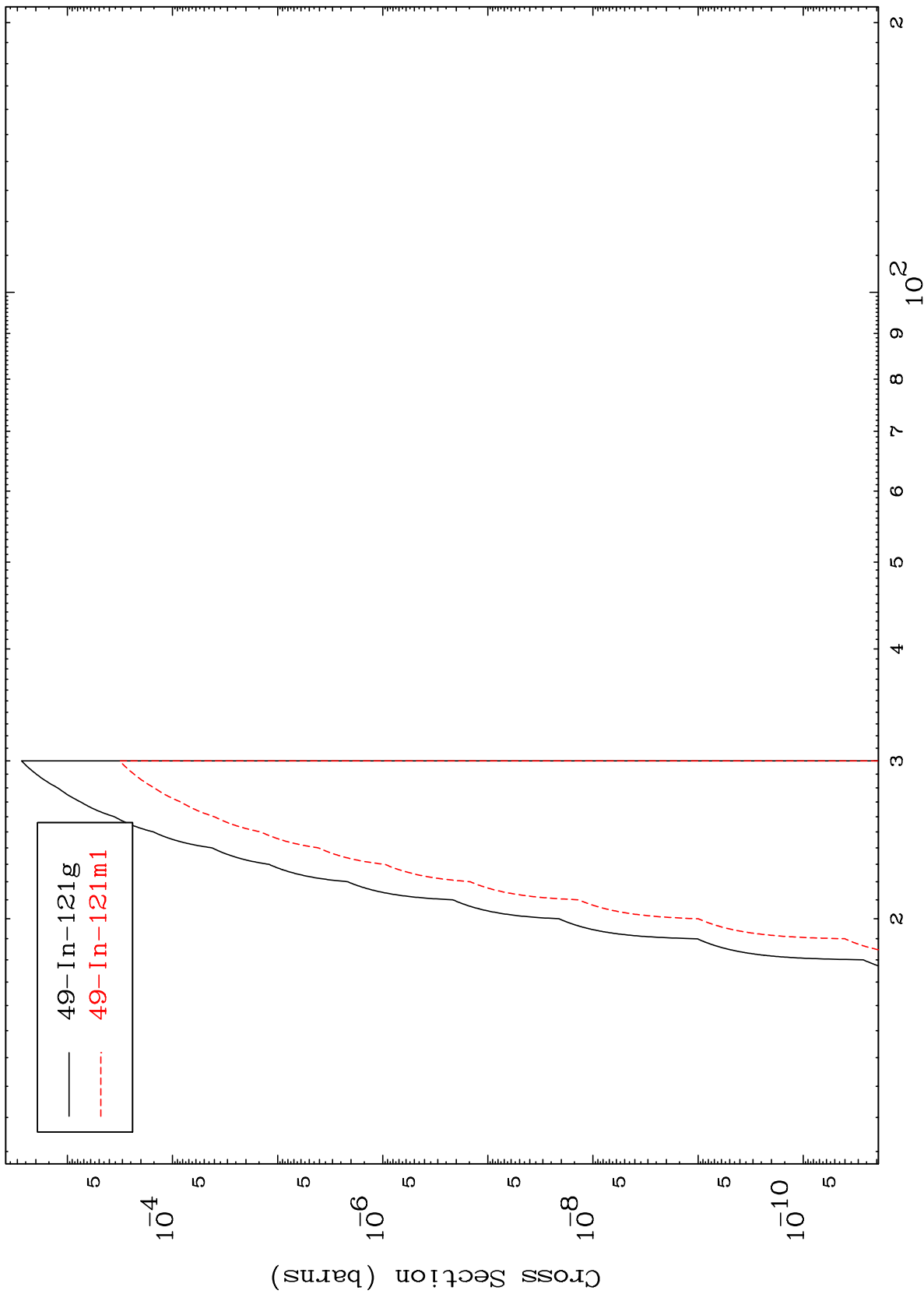
49-In-122g
49-In-122m1
49-In-122m5

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(n,2n) α

51-Sb-126

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-126

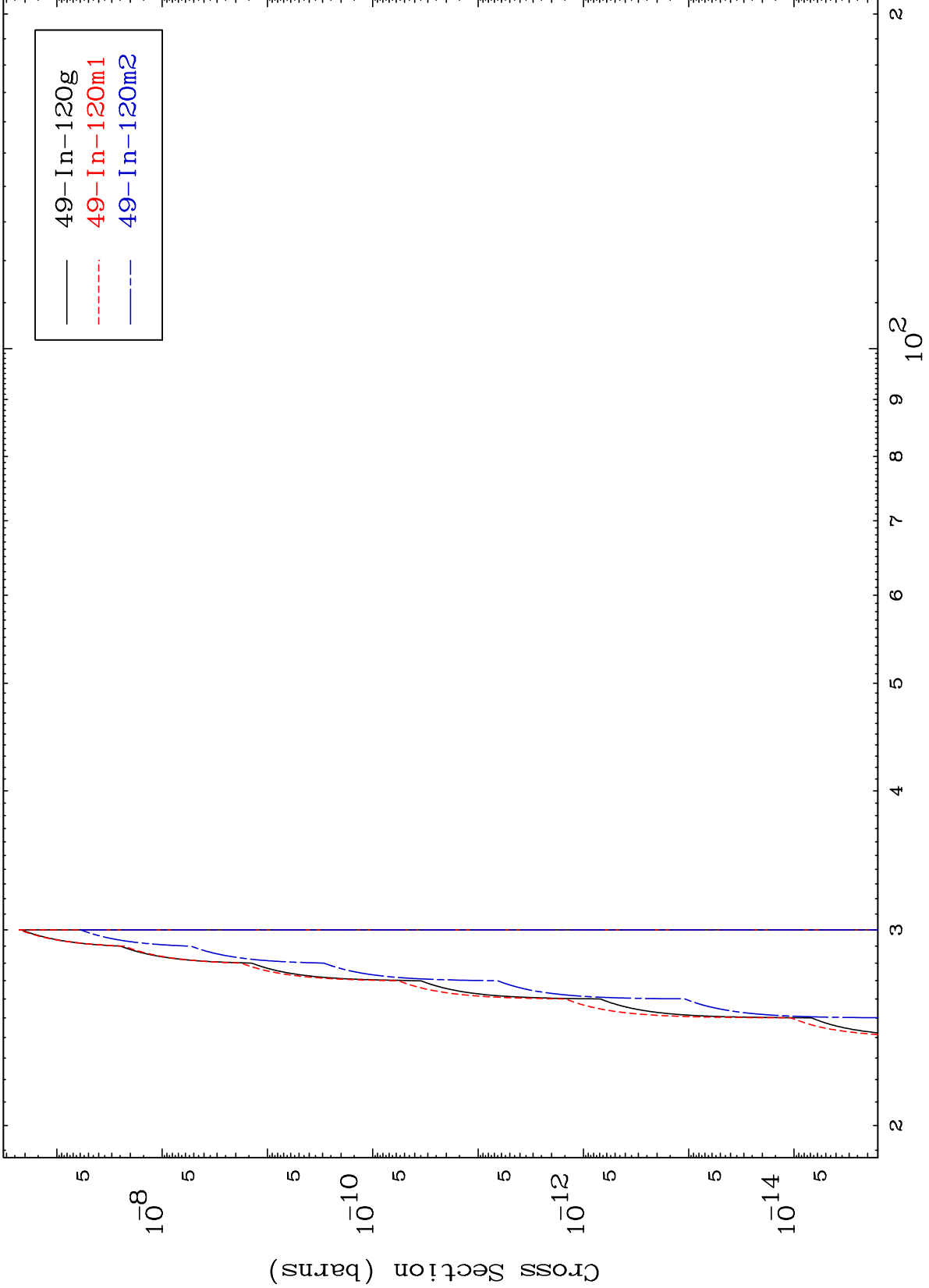
23

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(n,3n) α

51-Sb-126

Radionuclide Production Cross Section



24

Incident Energy (MeV)

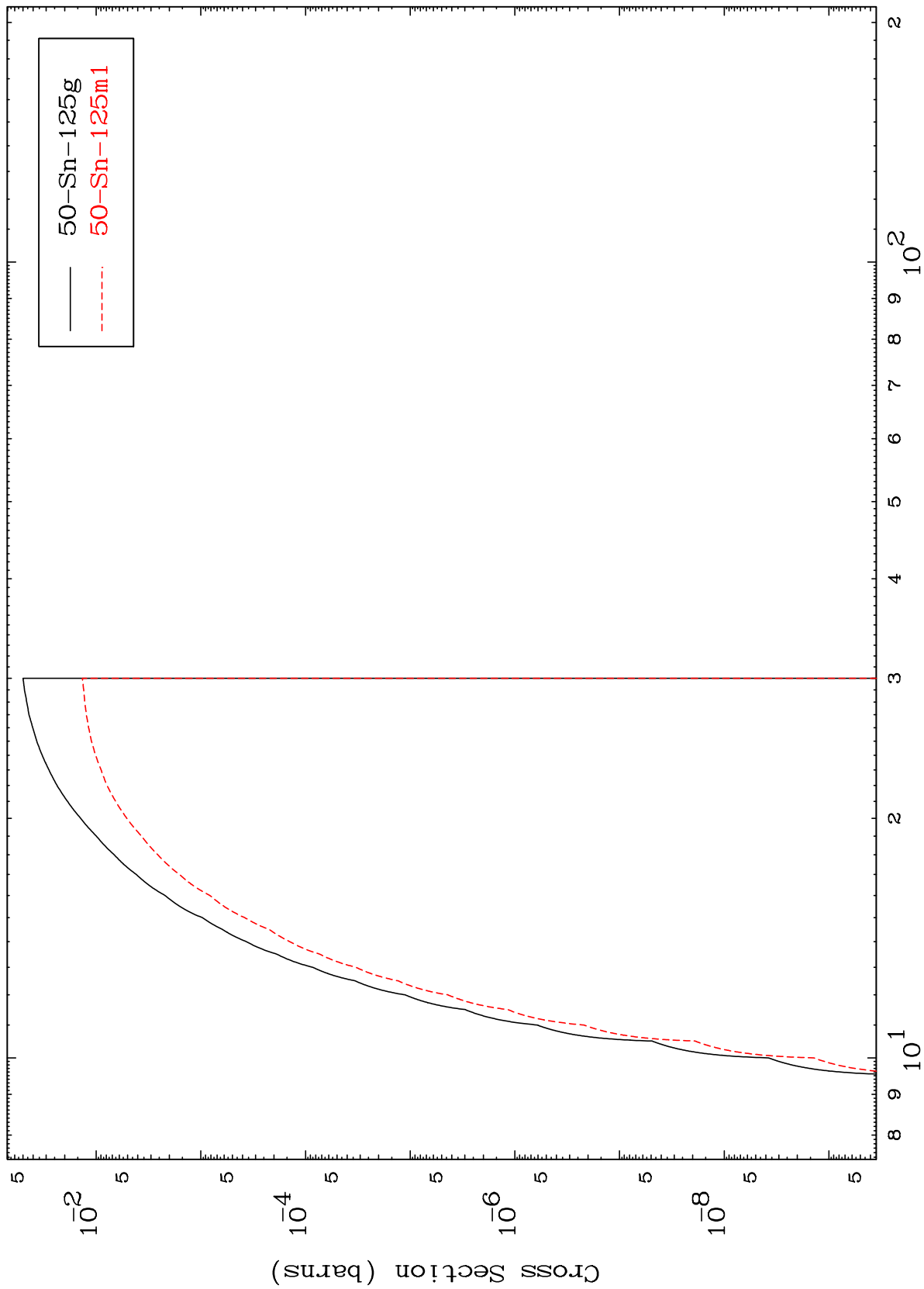
51-Sb-126

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(n,n') p

51-Sb-126

Radionuclide Production Cross Section

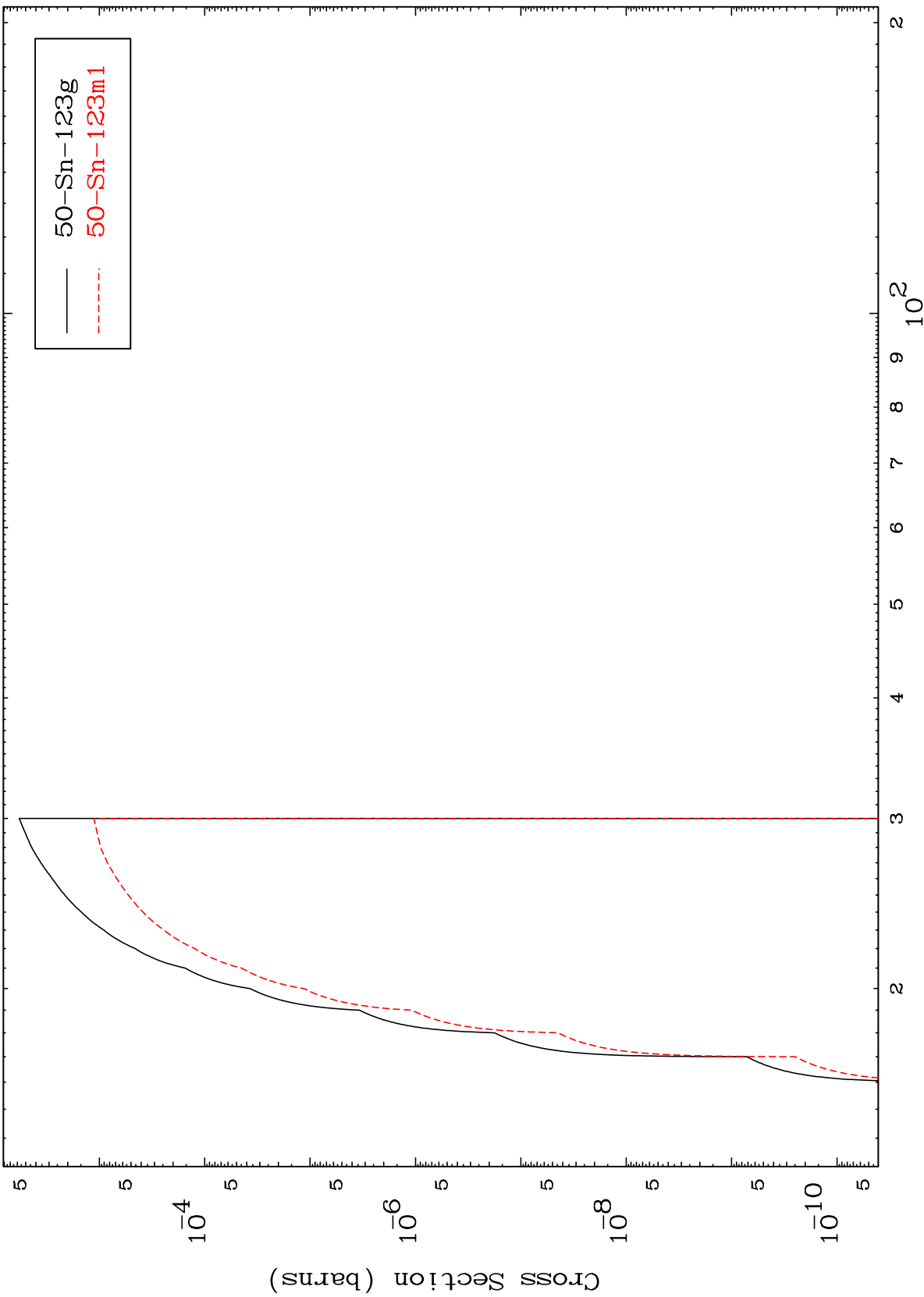


25

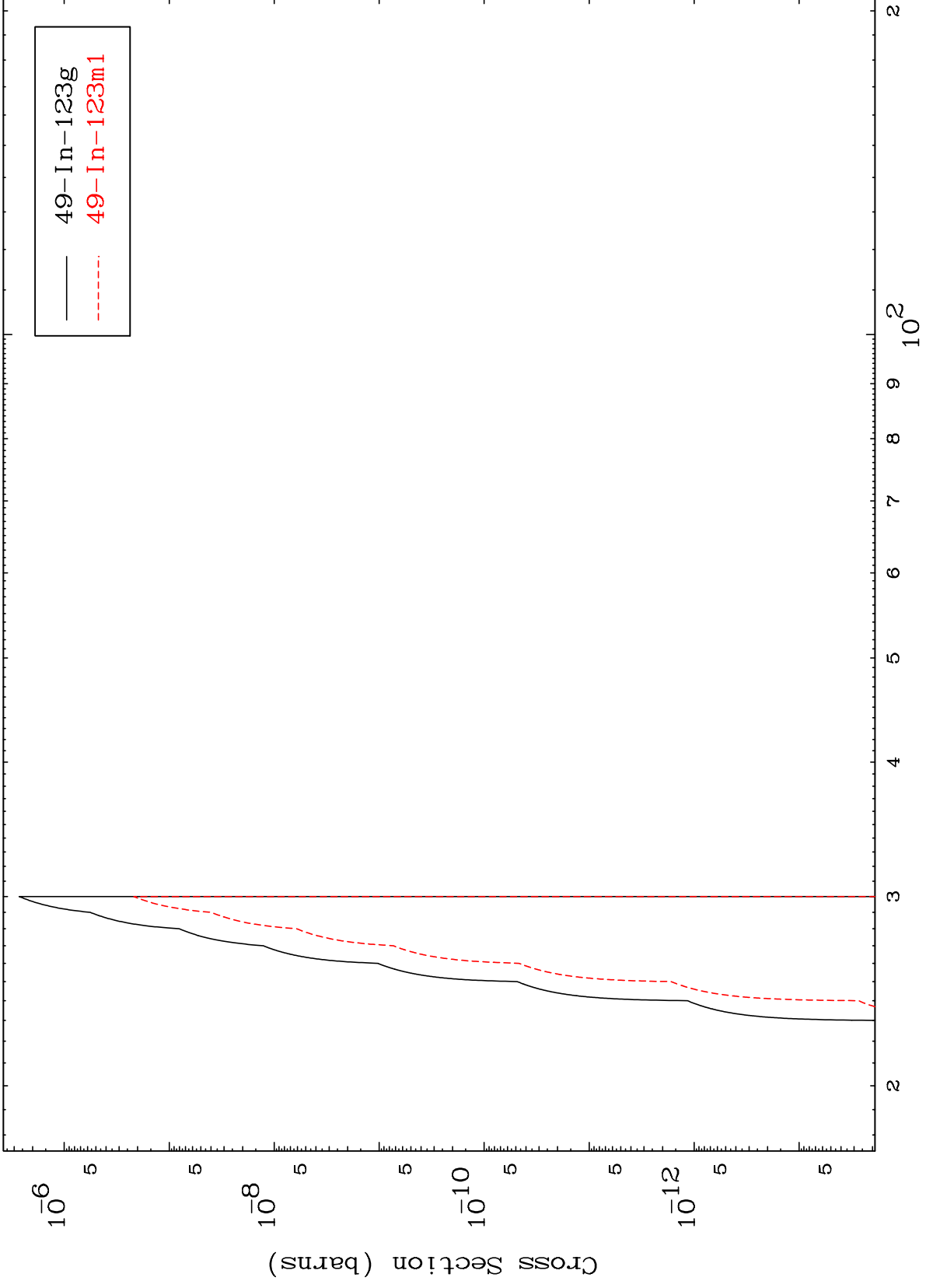
Incident Energy (MeV)

51-Sb-126

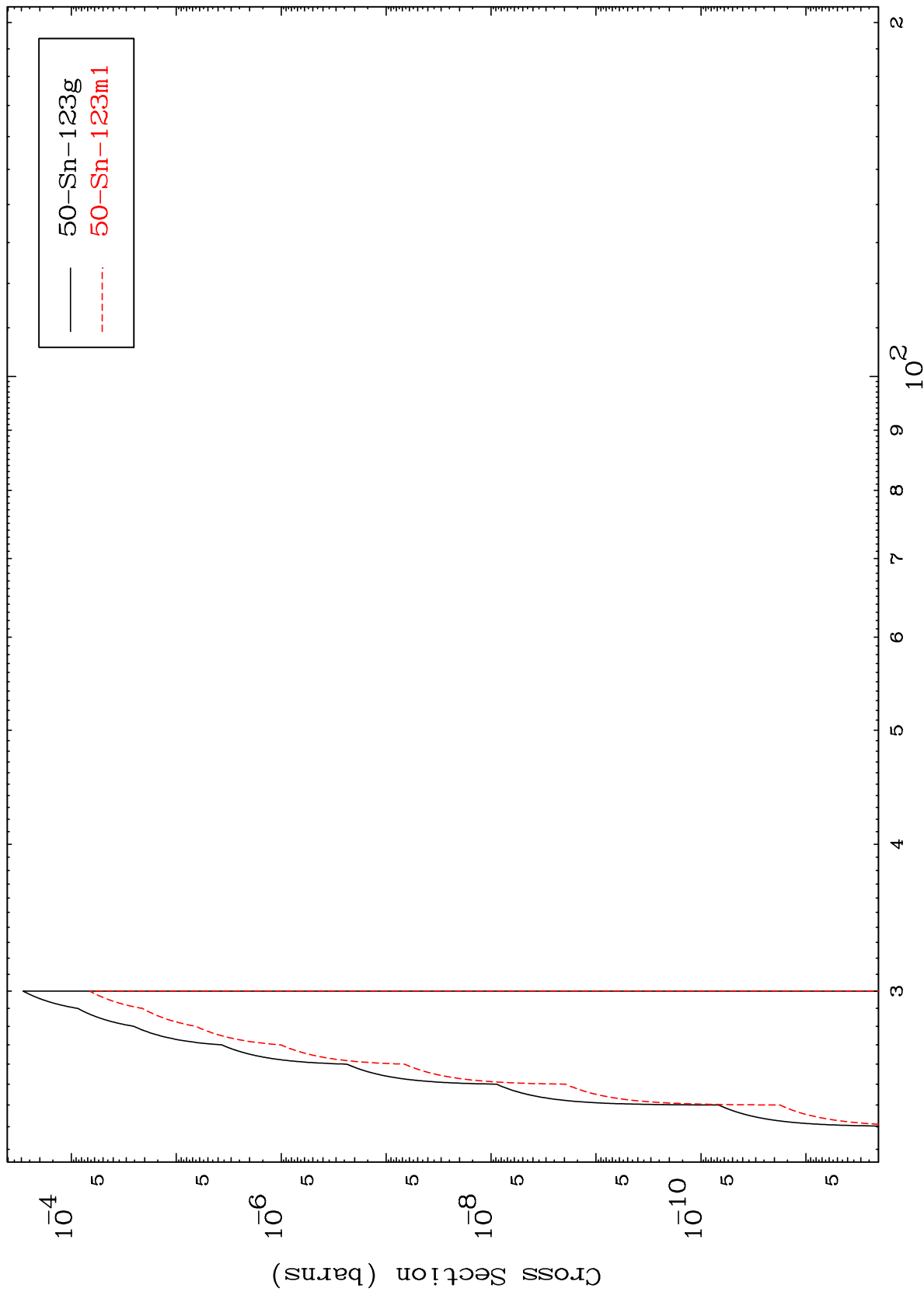
Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

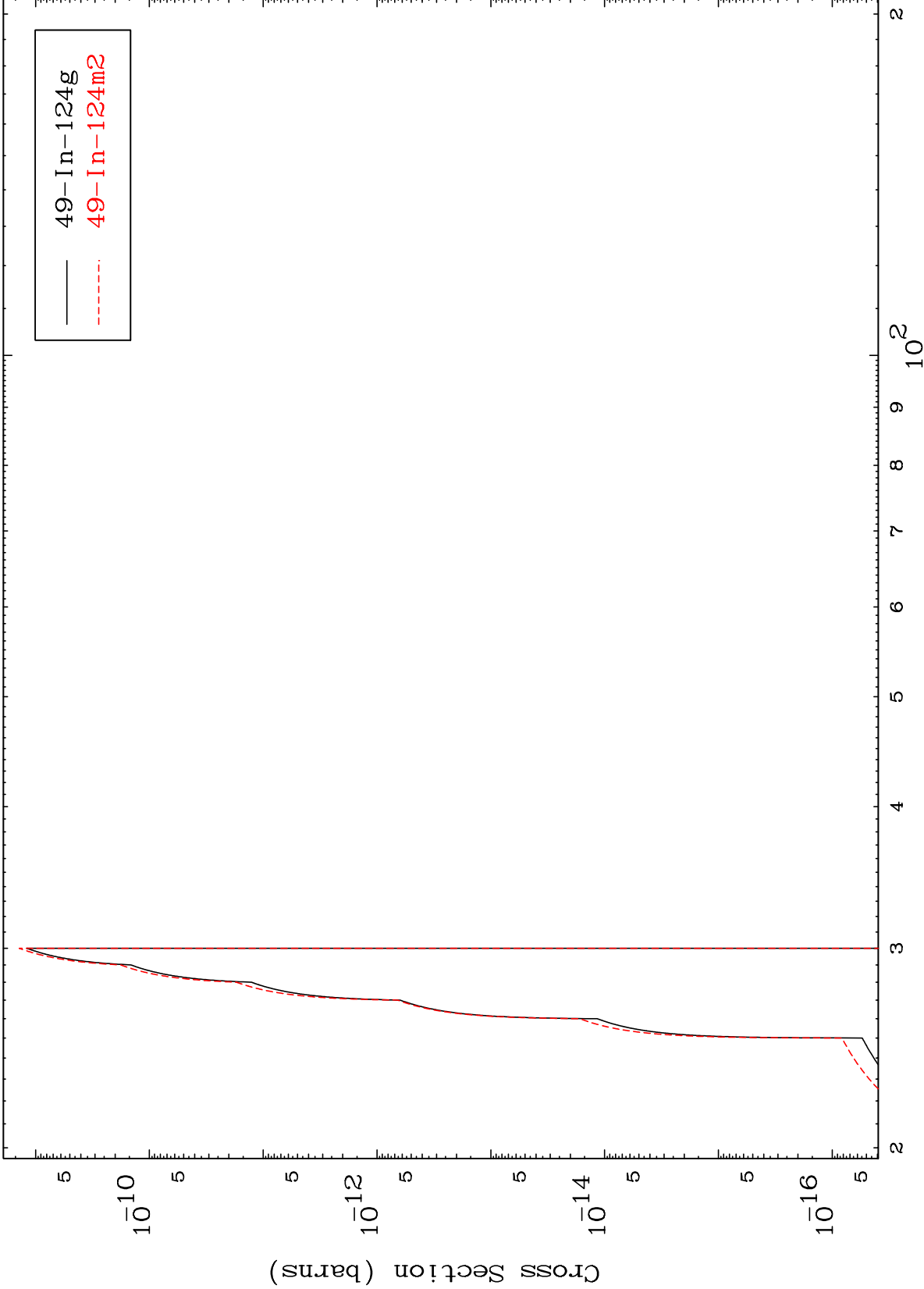


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(n,2n) p

51-Sb-126

Radionuclide Production Cross Section



29

Incident Energy (MeV)

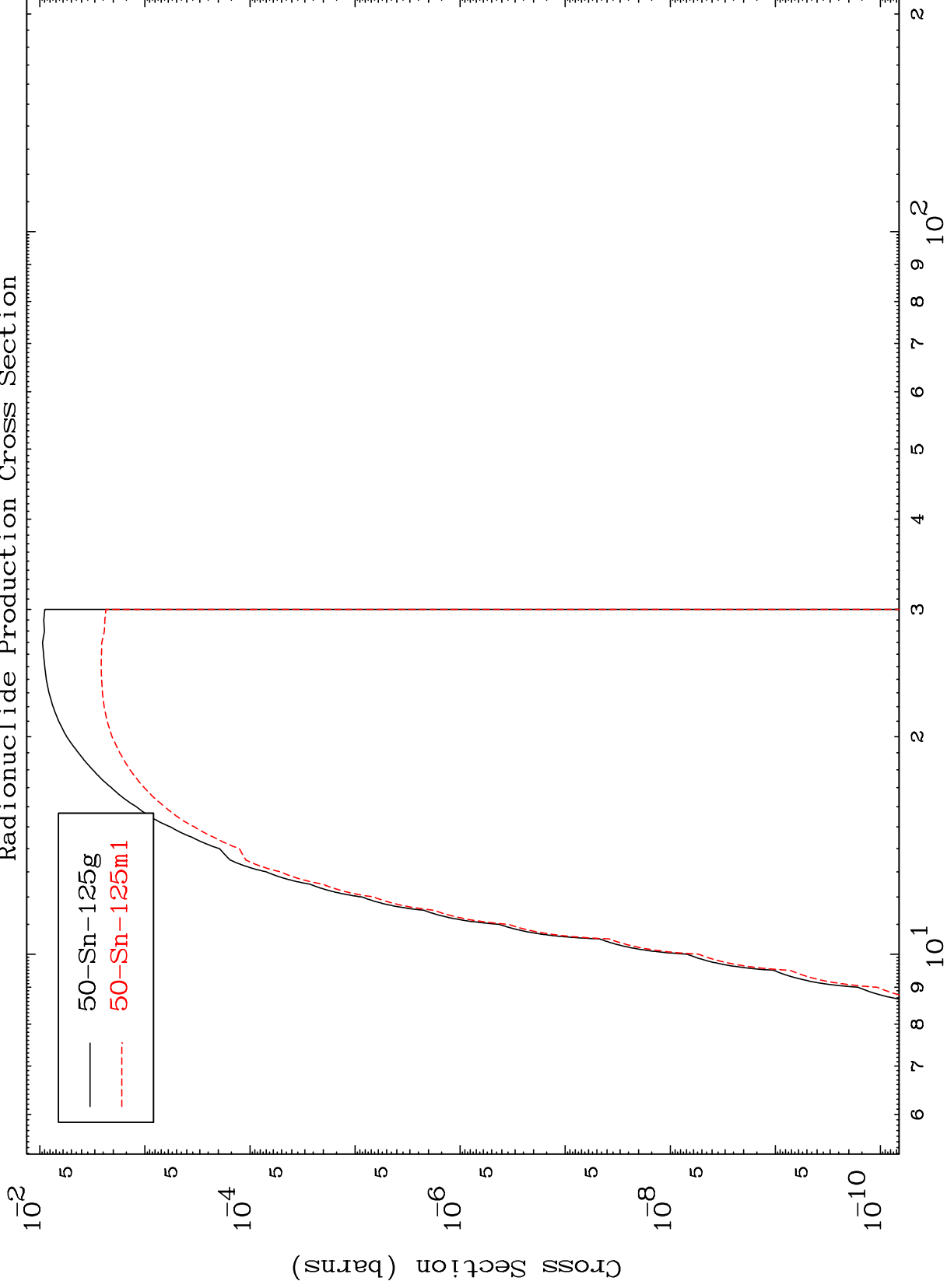
51-Sb-126

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(n,d)

51-Sb-126

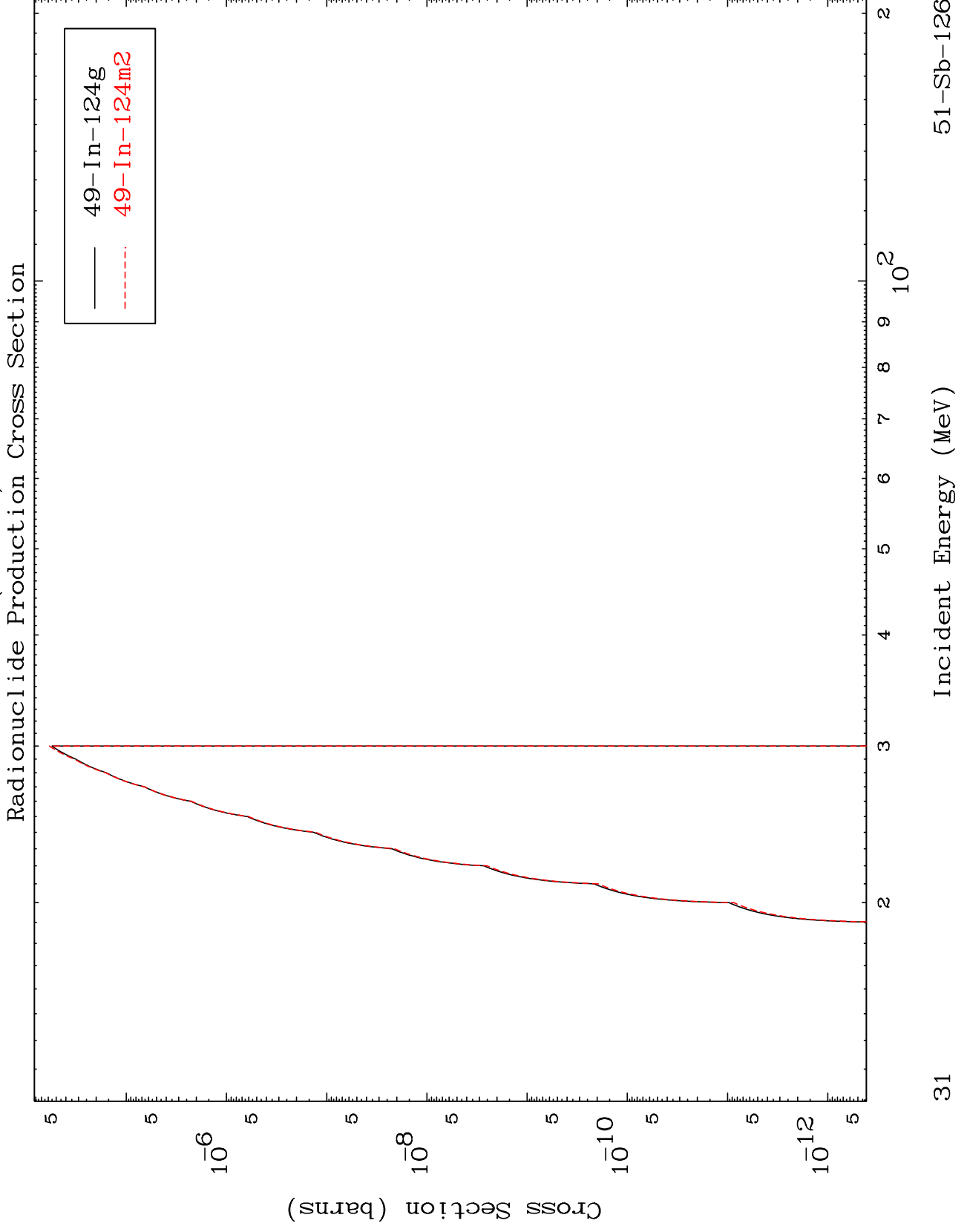
Radionuclide Production Cross Section



30

Incident Energy (MeV)

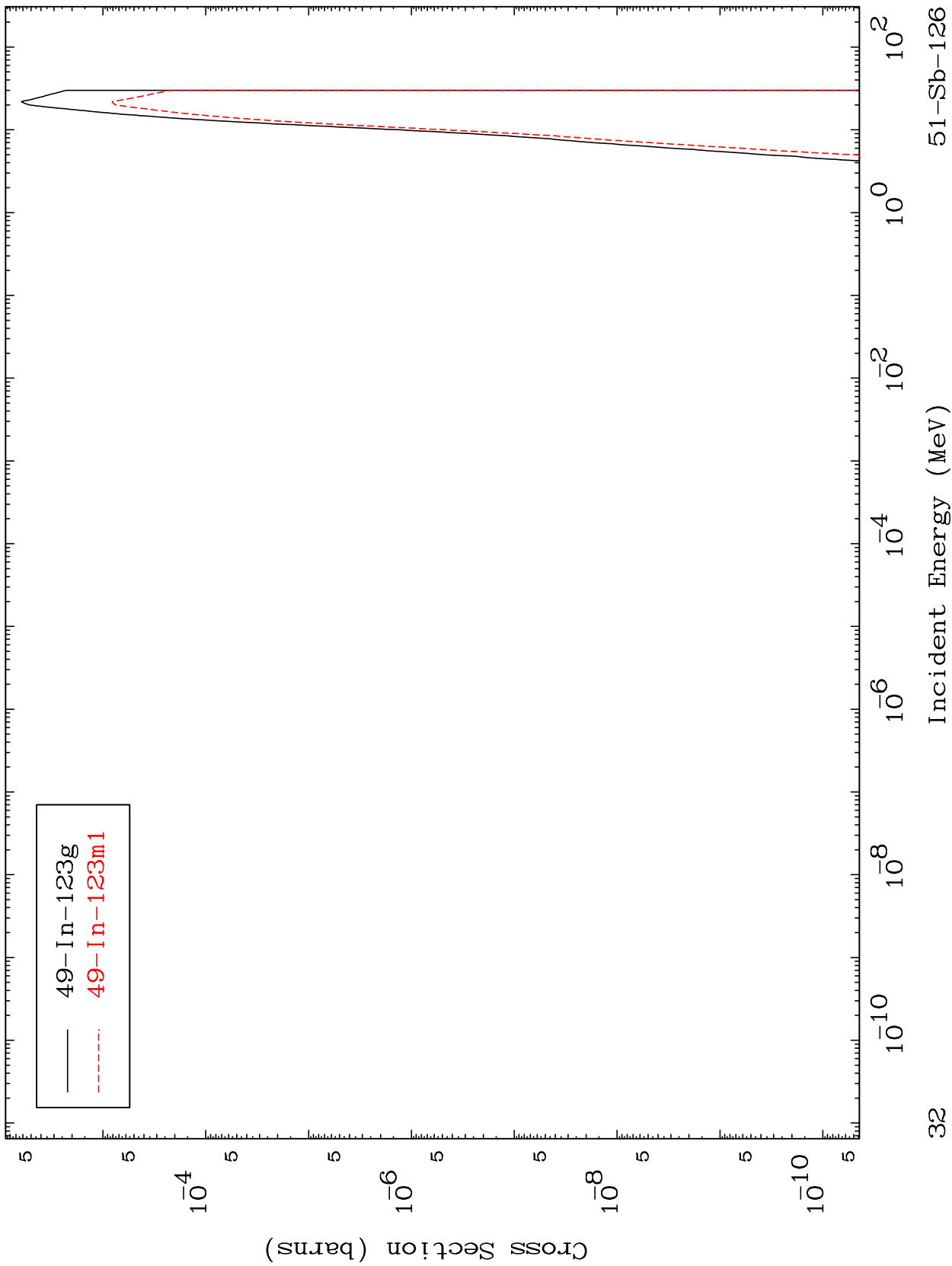
51-Sb-126



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51-Sb-126

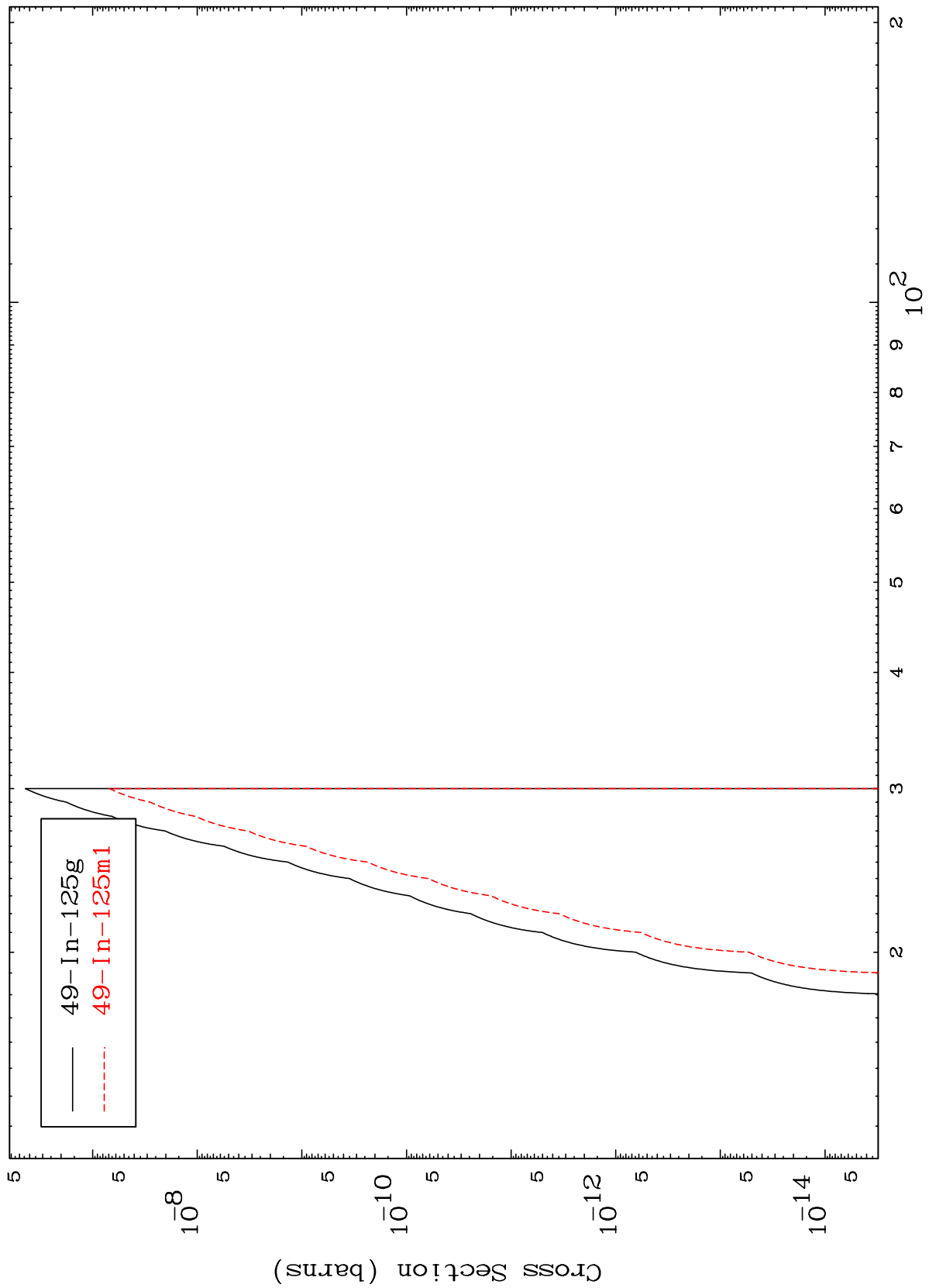
(n, α)
Radionuclide Production Cross Section



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(n,2p)
Radionuclide Production Cross Section



51-Sb-126

Incident Energy (MeV)

33