

Program EVALPLOT  
(Version 2021-1)

by

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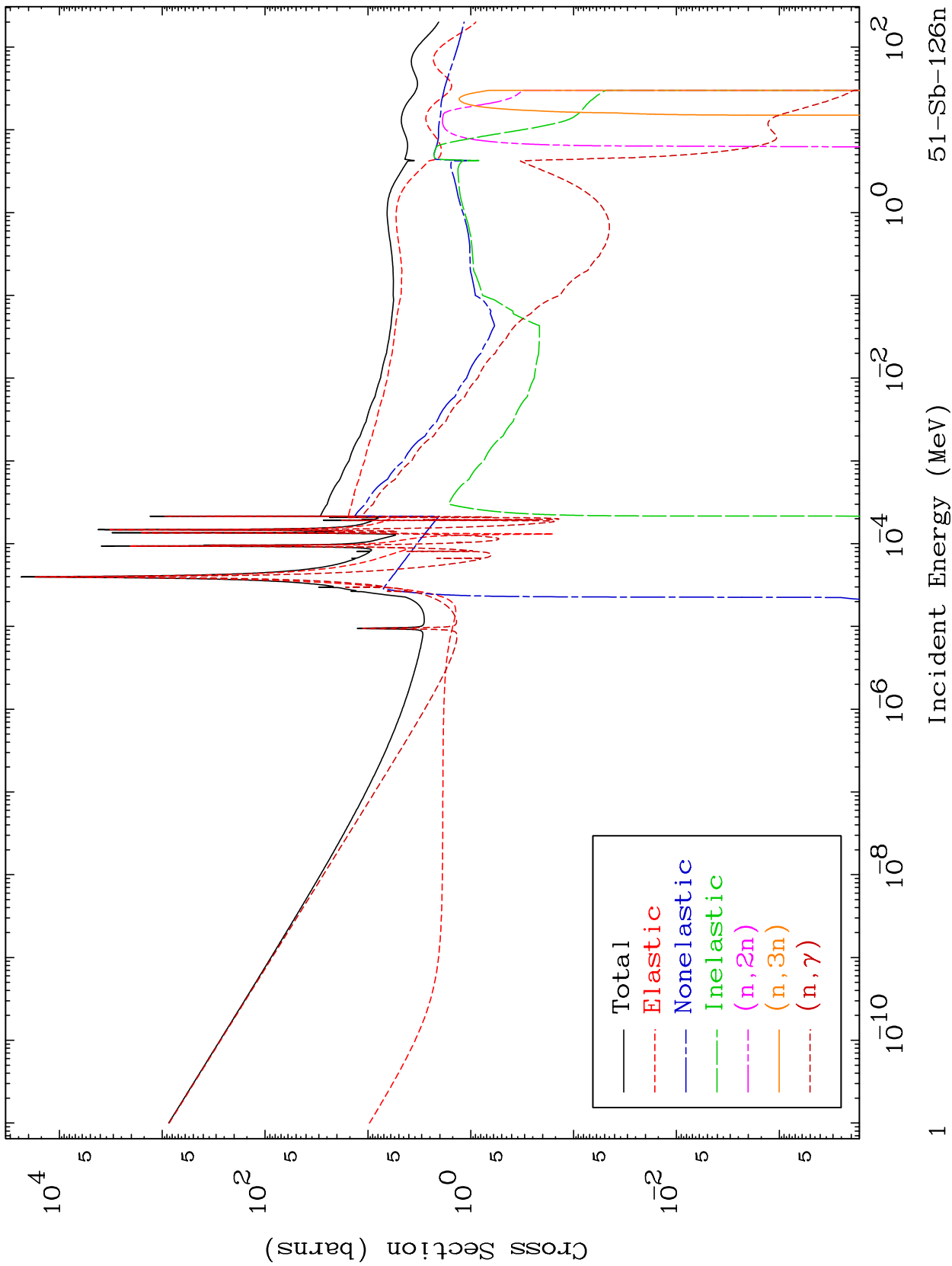
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5142

Neutron Major  
293 Kelvin Cross Sections

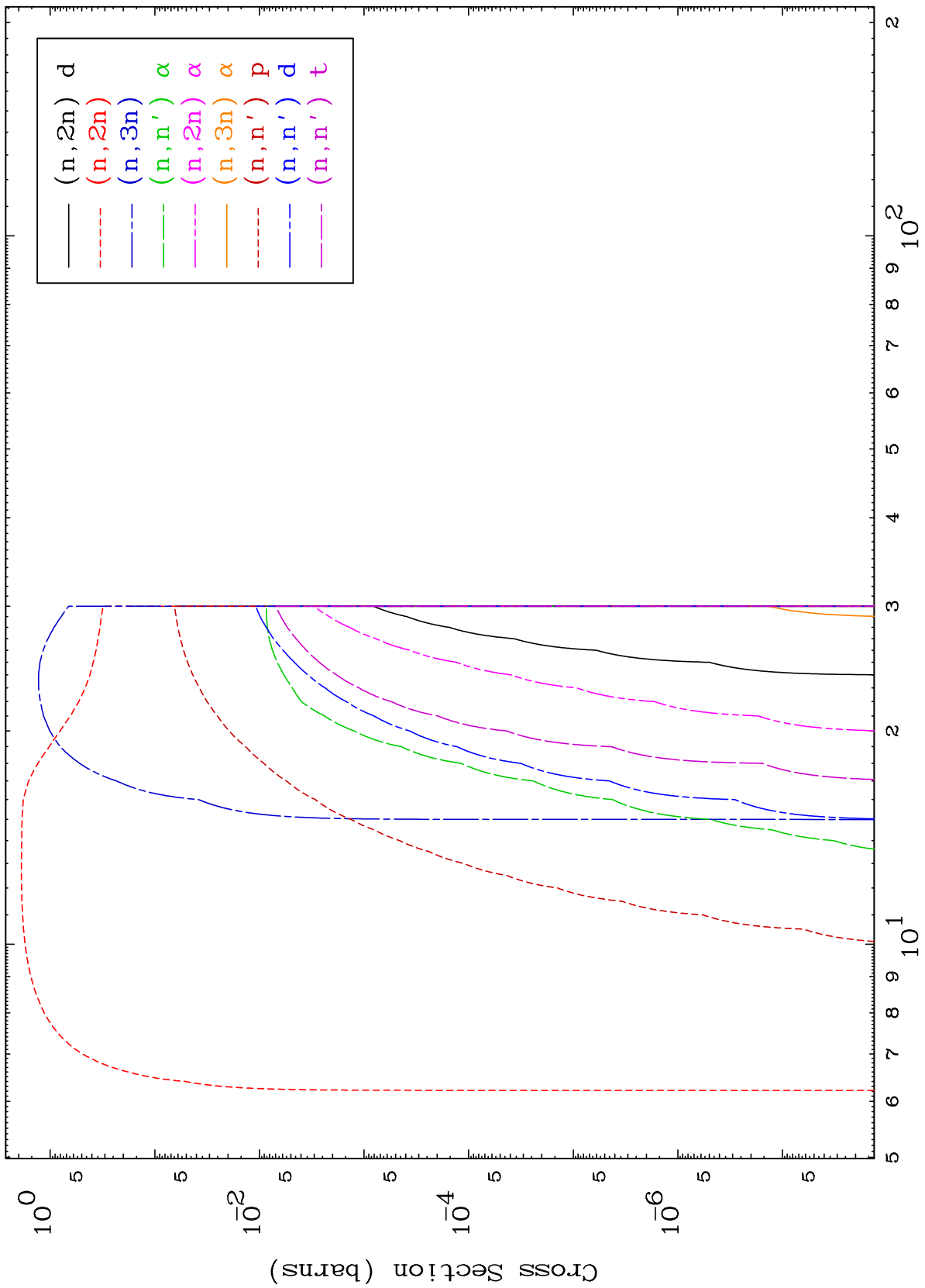
51-Sb-126n



MAT 5142

Neutron Absorption  
293 Kelvin Cross Sections

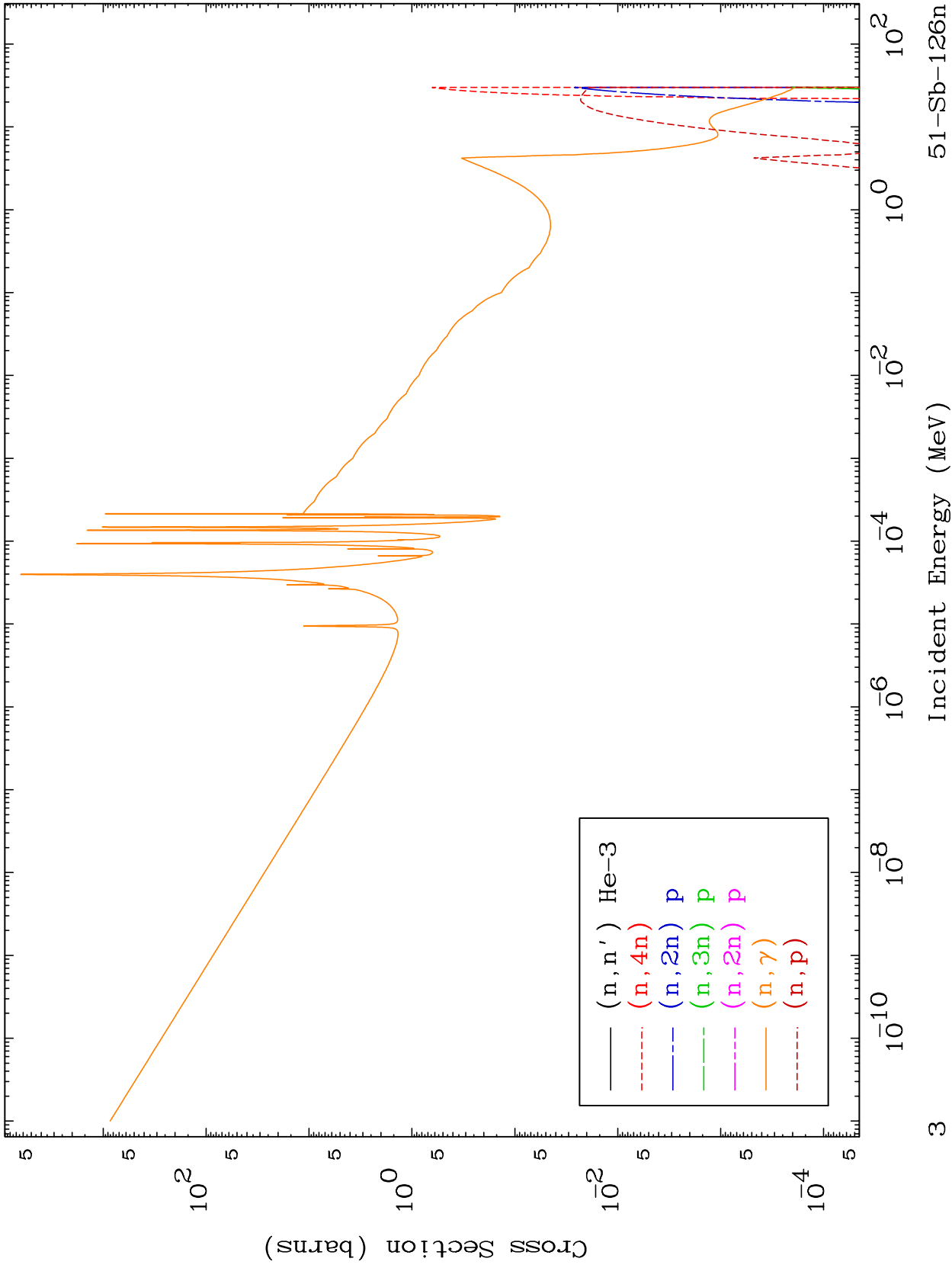
51-Sb-126n

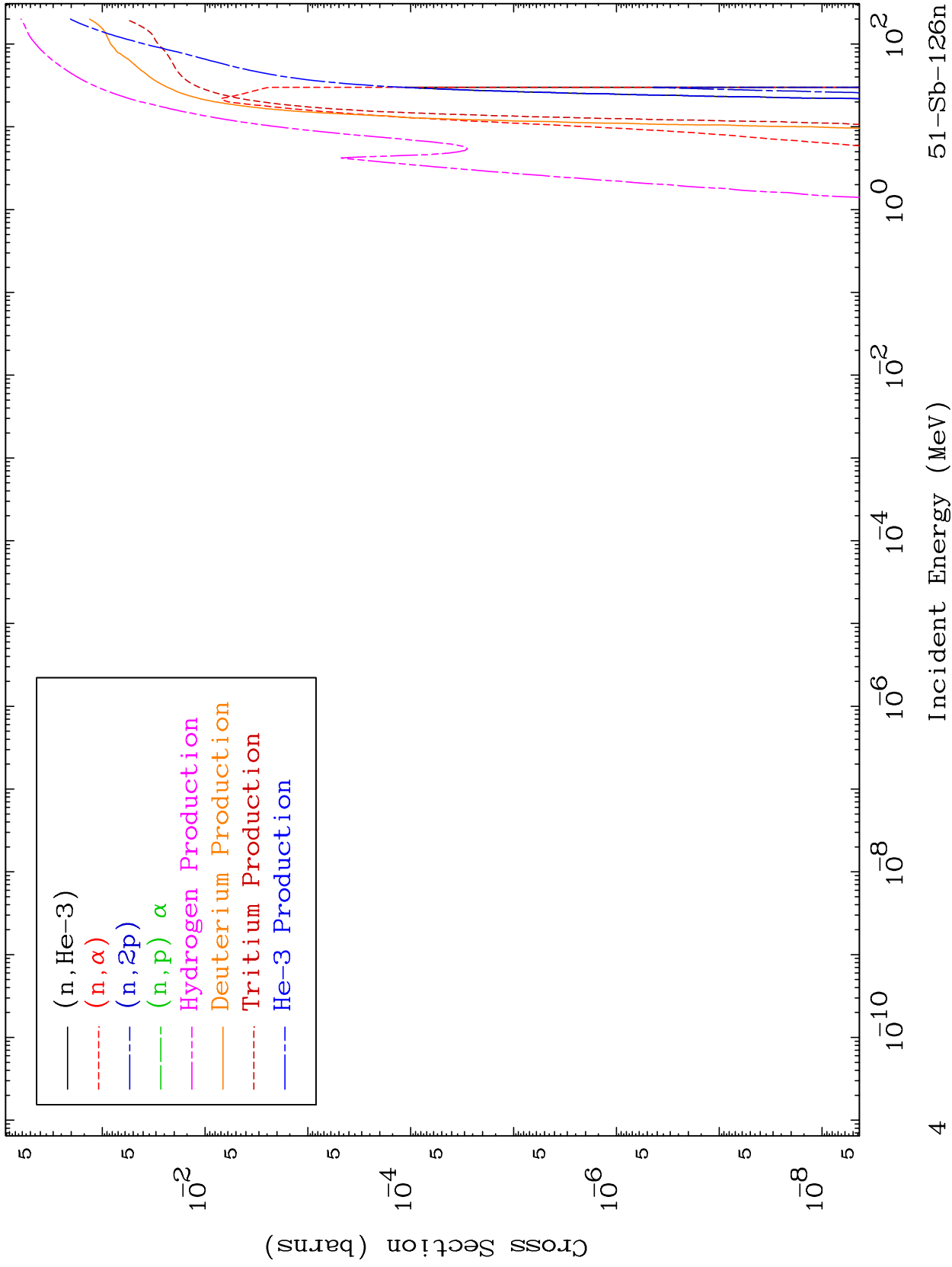


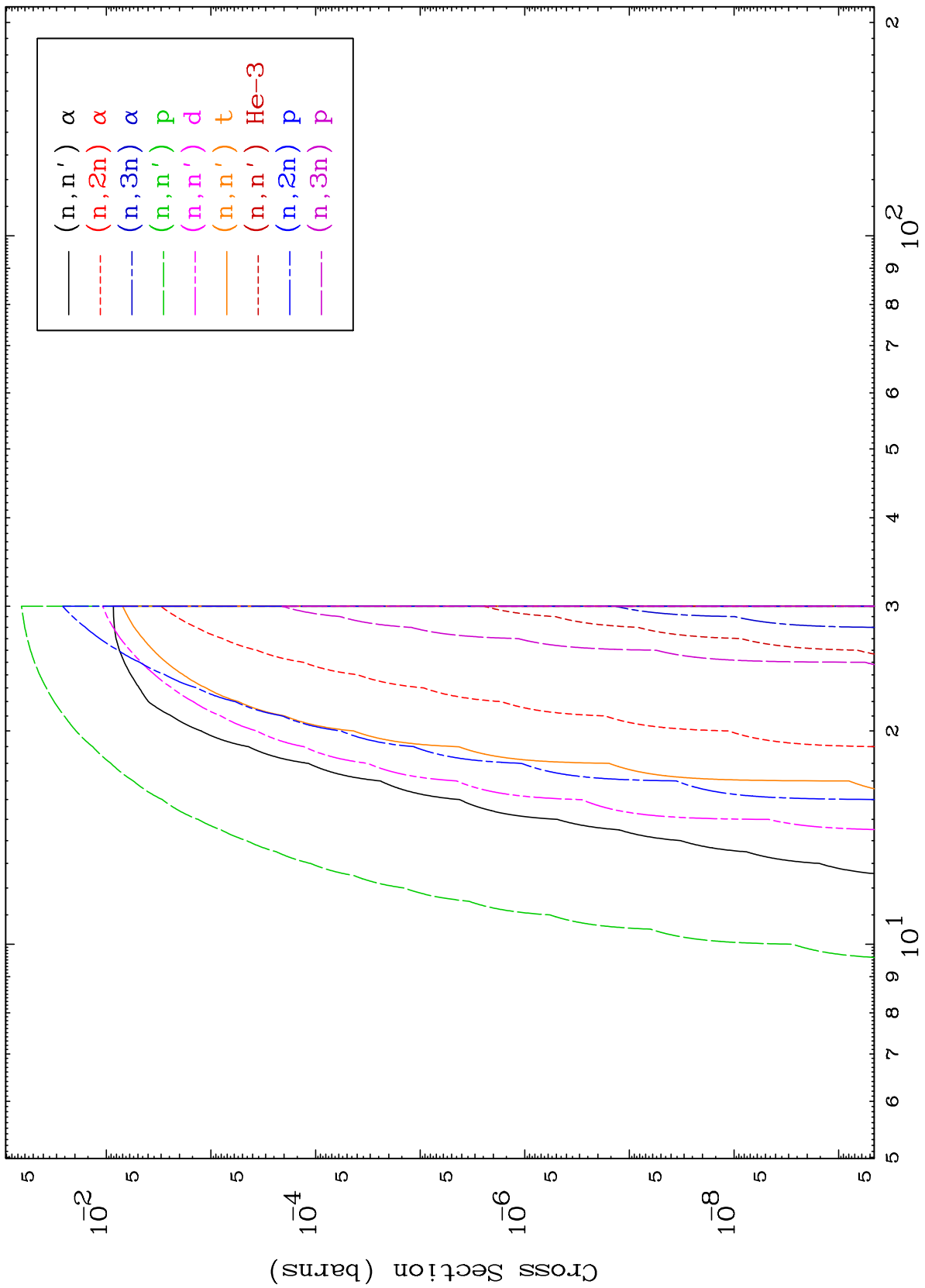
MAT 5142

Neutron Absorption  
293 Kelvin Cross Sections

51-Sb-126n



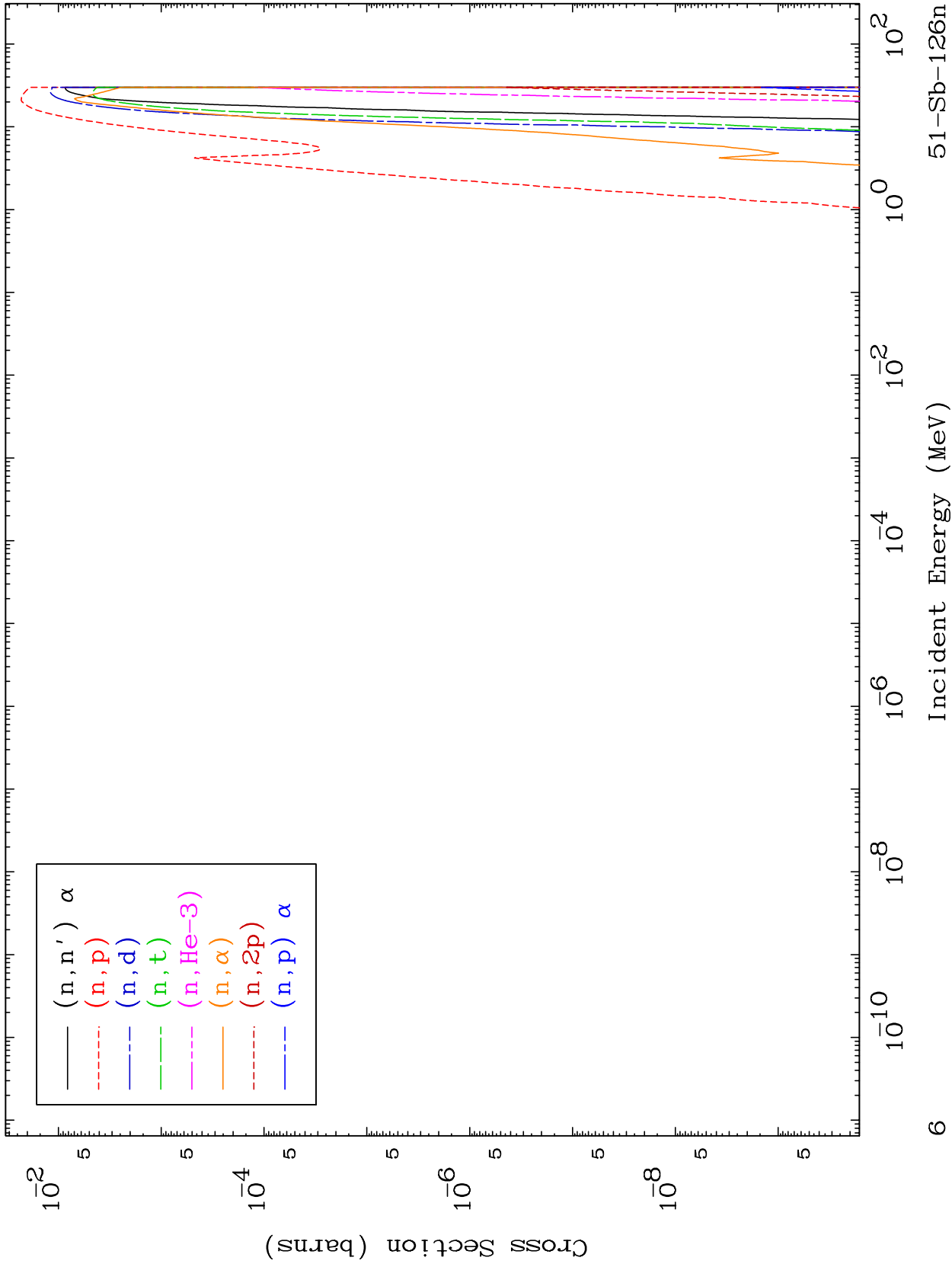




MAT 5142

Charged Particle  
293 Kelvin Cross Sections

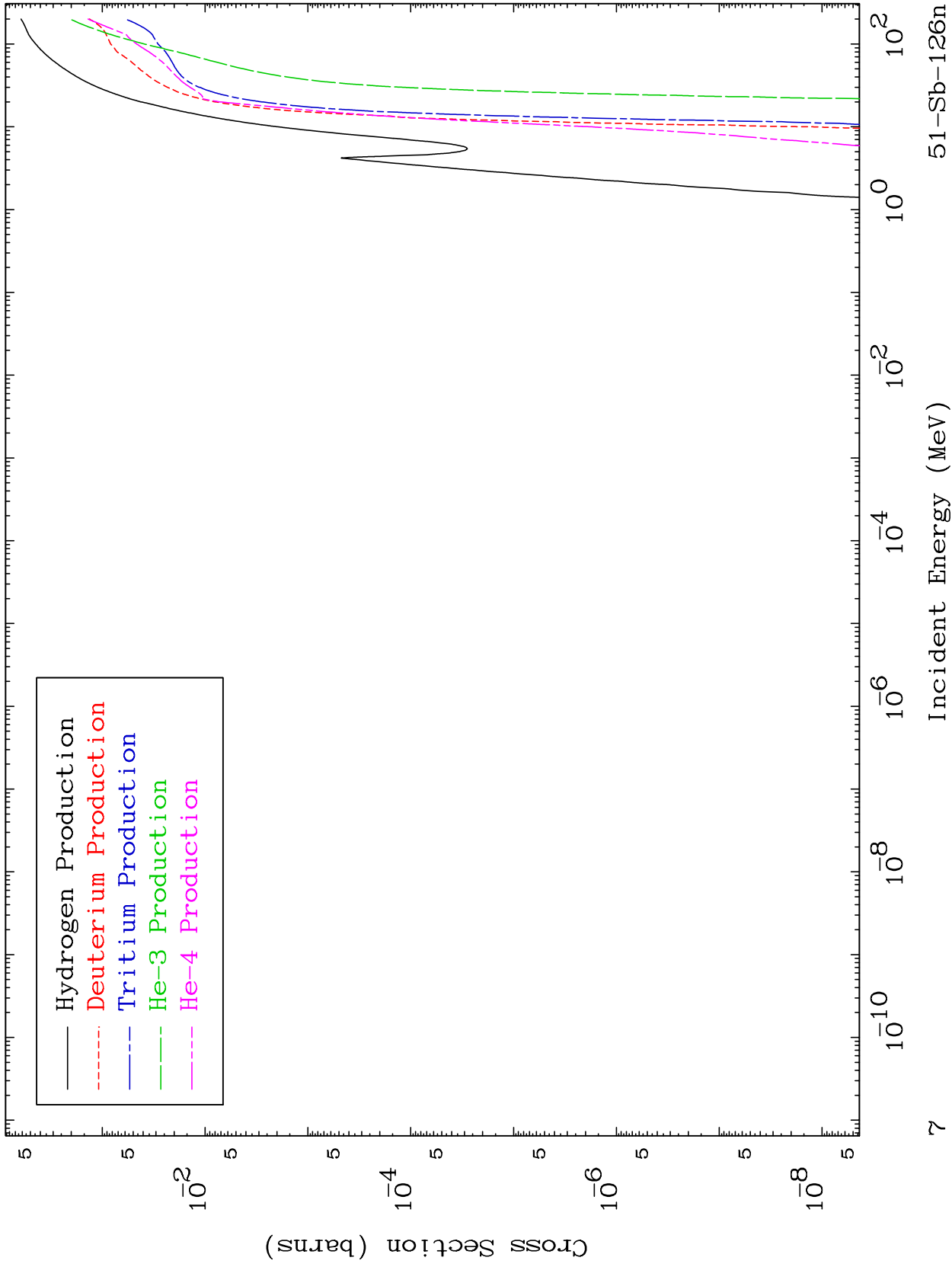
51-Sb-126n



MAT 5142

Particle Production  
293 Kelvin Cross Sections

51-Sb-126n

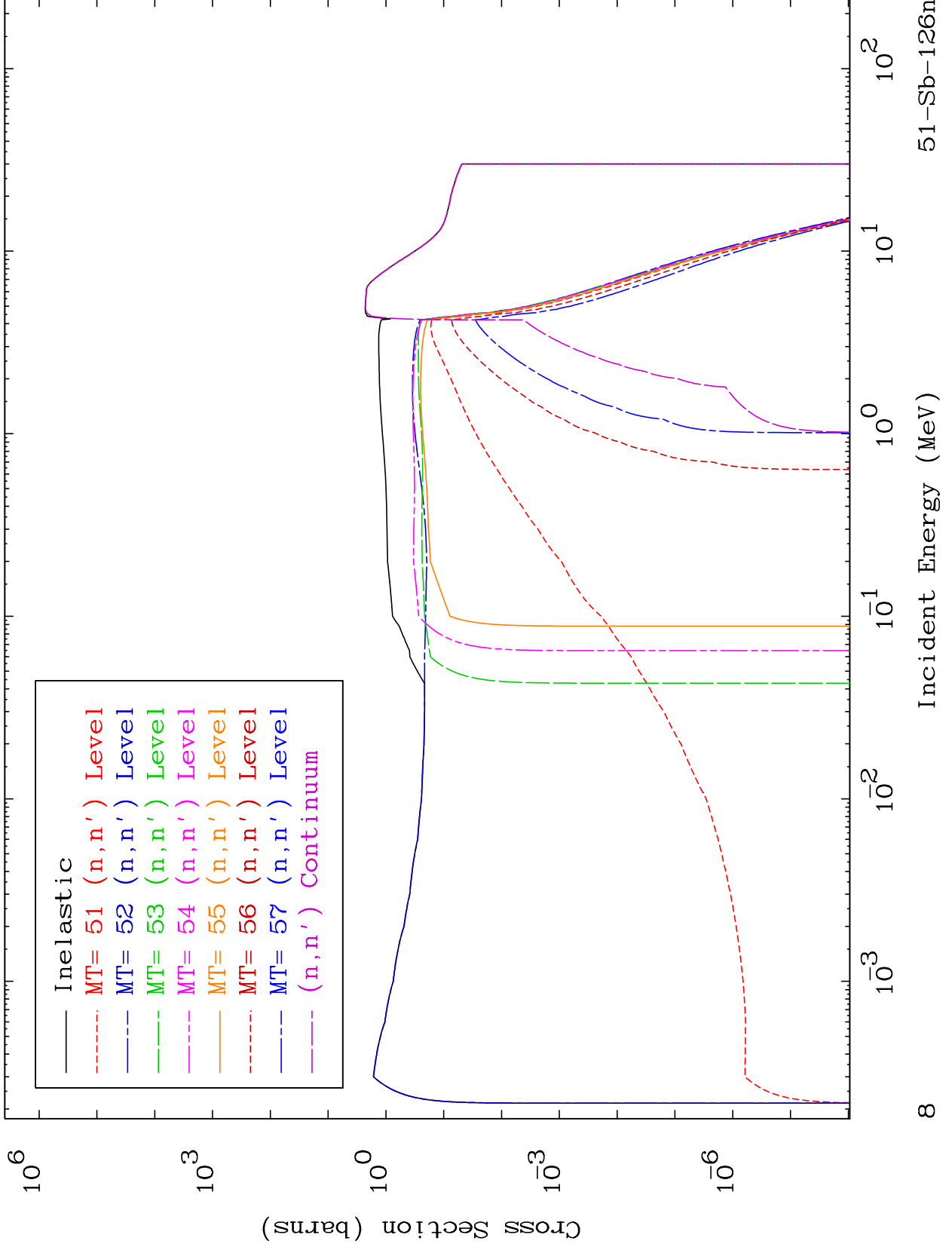




MAT 5142

(n,n') Levels  
293 Kelvin Cross Sections

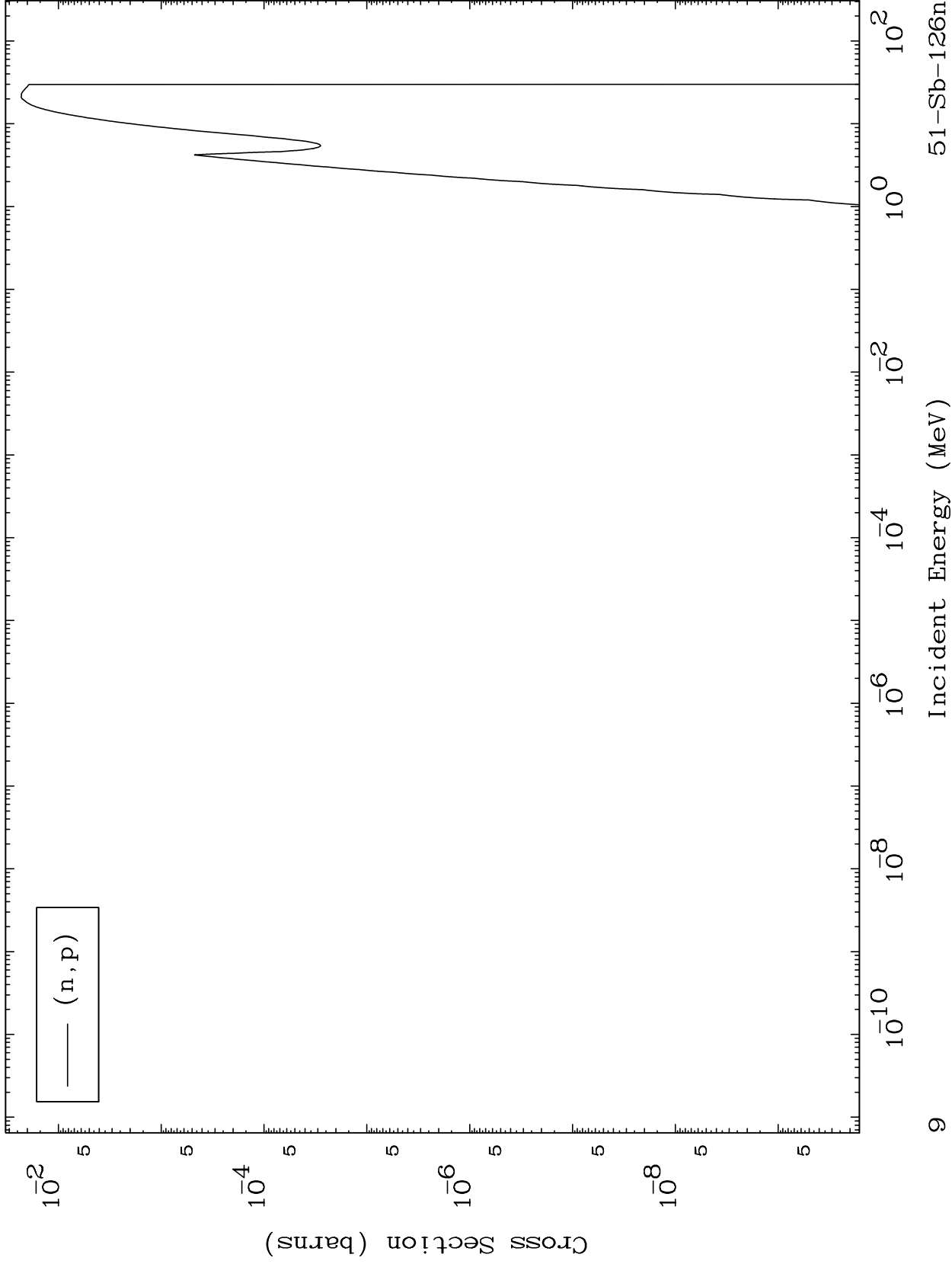
51-Sb-126n



MAT 5142

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-126n

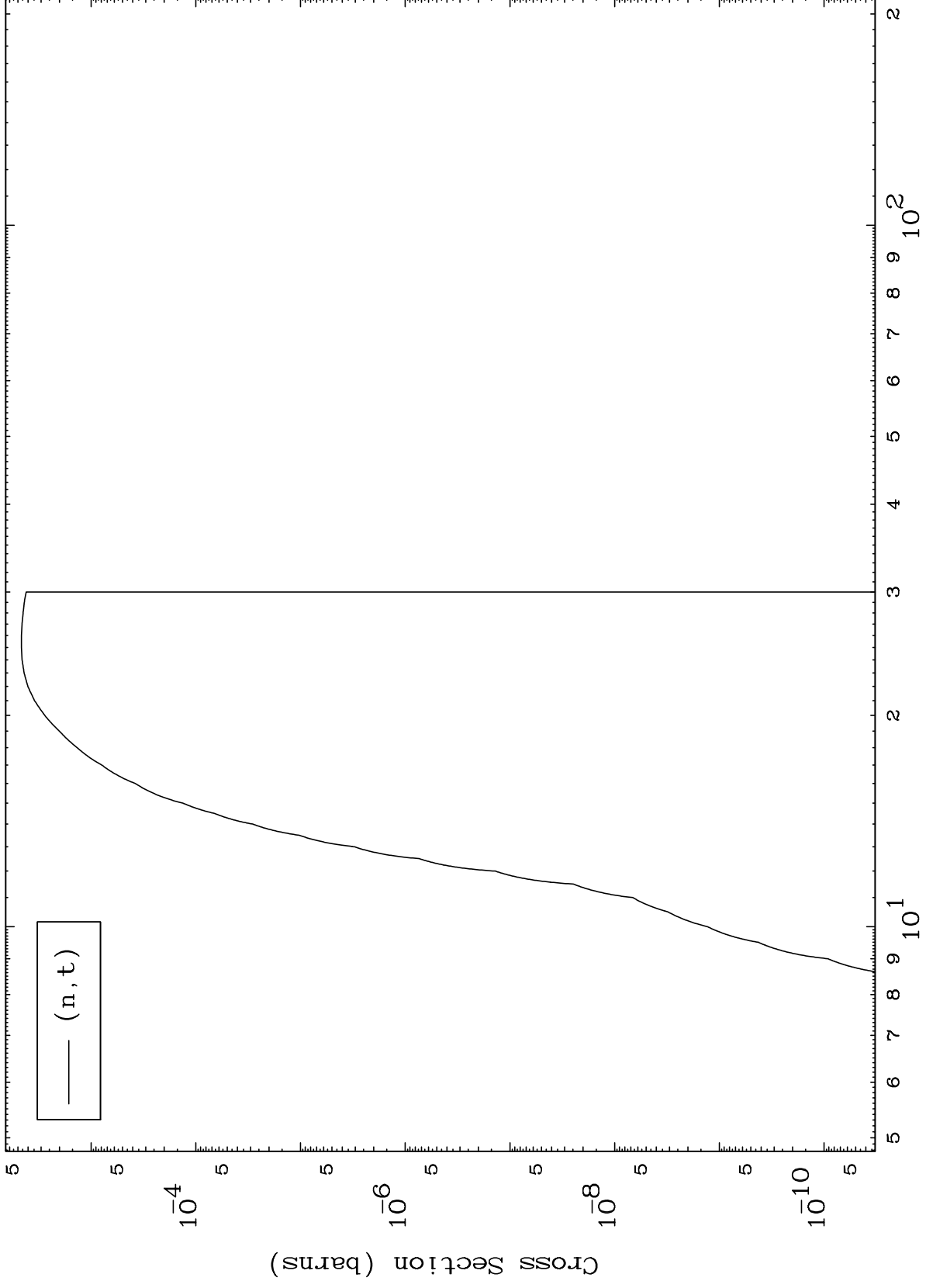




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(n,t) Levels  
293 Kelvin Cross Sections

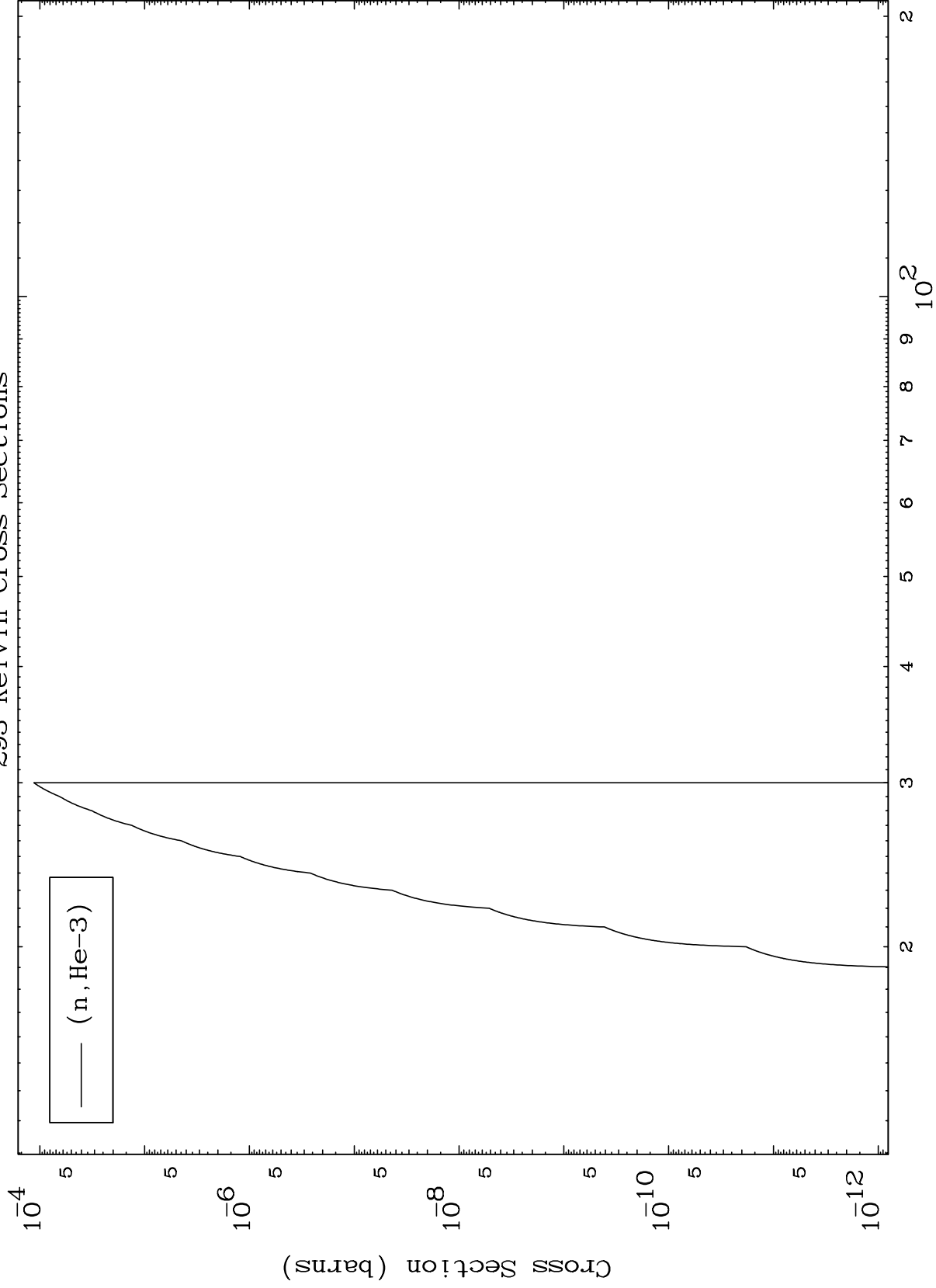
51-Sb-126n



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(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-126n



12

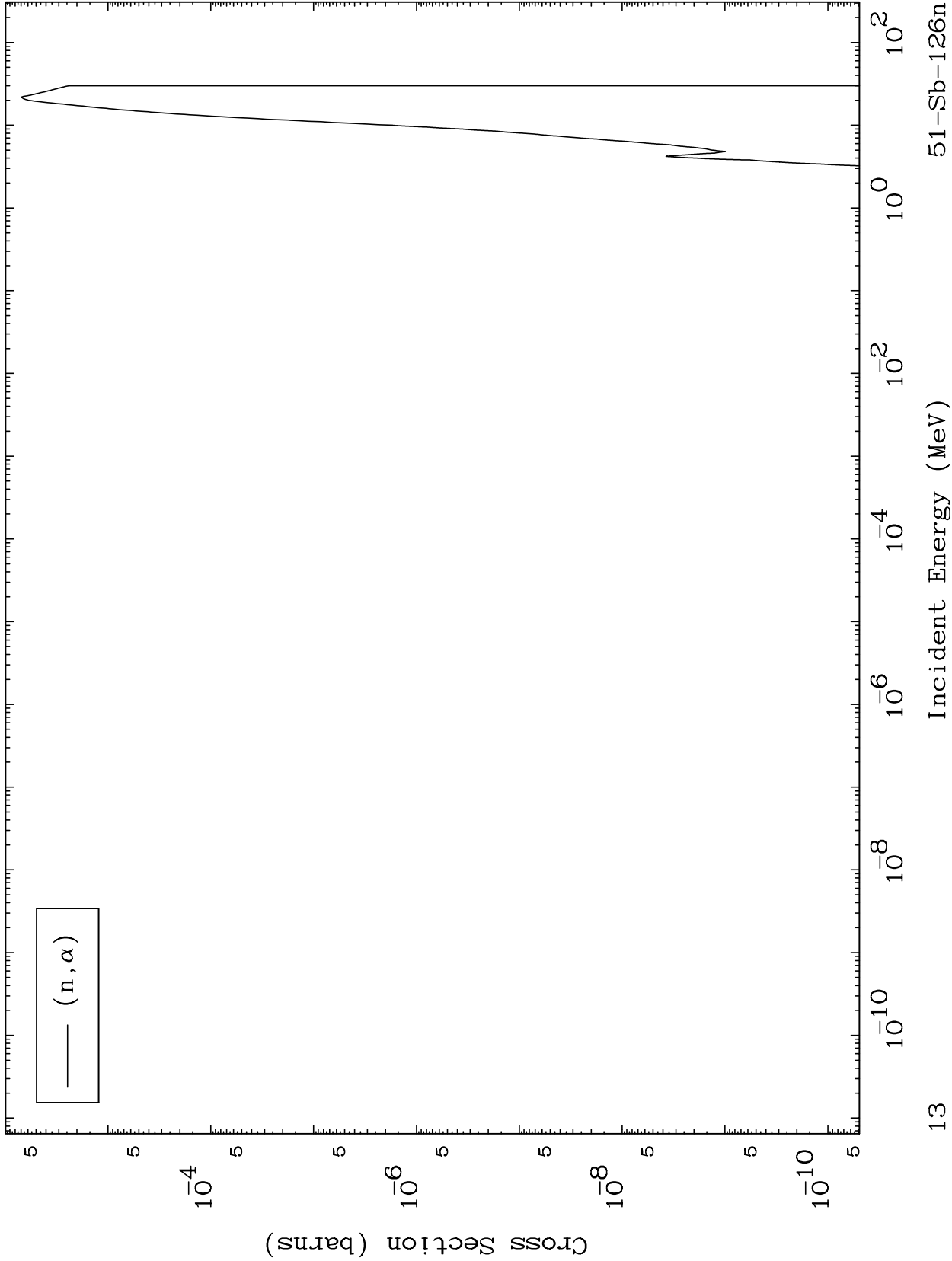
Incident Energy (MeV)

51-Sb-126n

MAT 5142

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

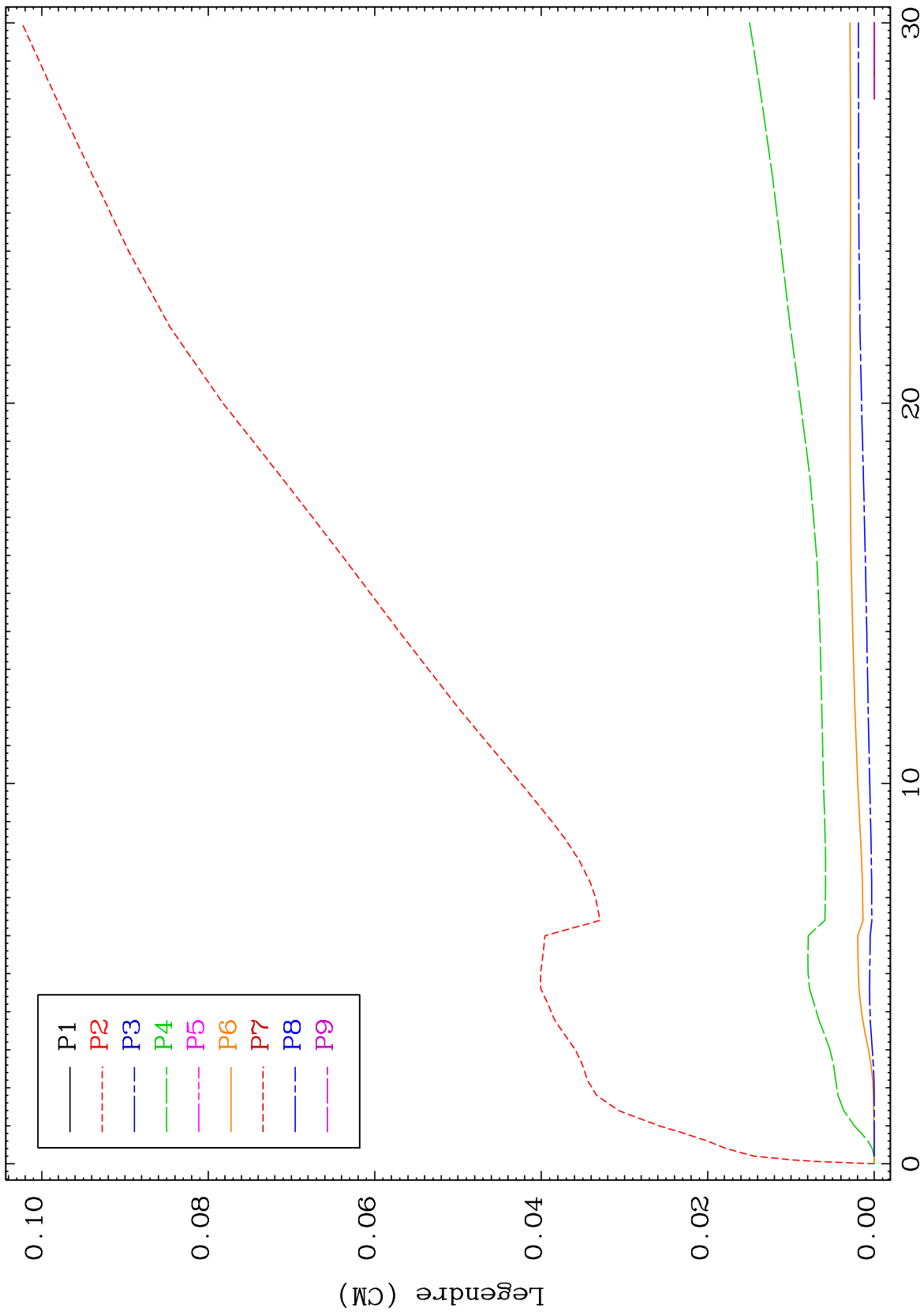
51-Sb-126n



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Elastic Legendre Coefficients

51-Sb-126n



14

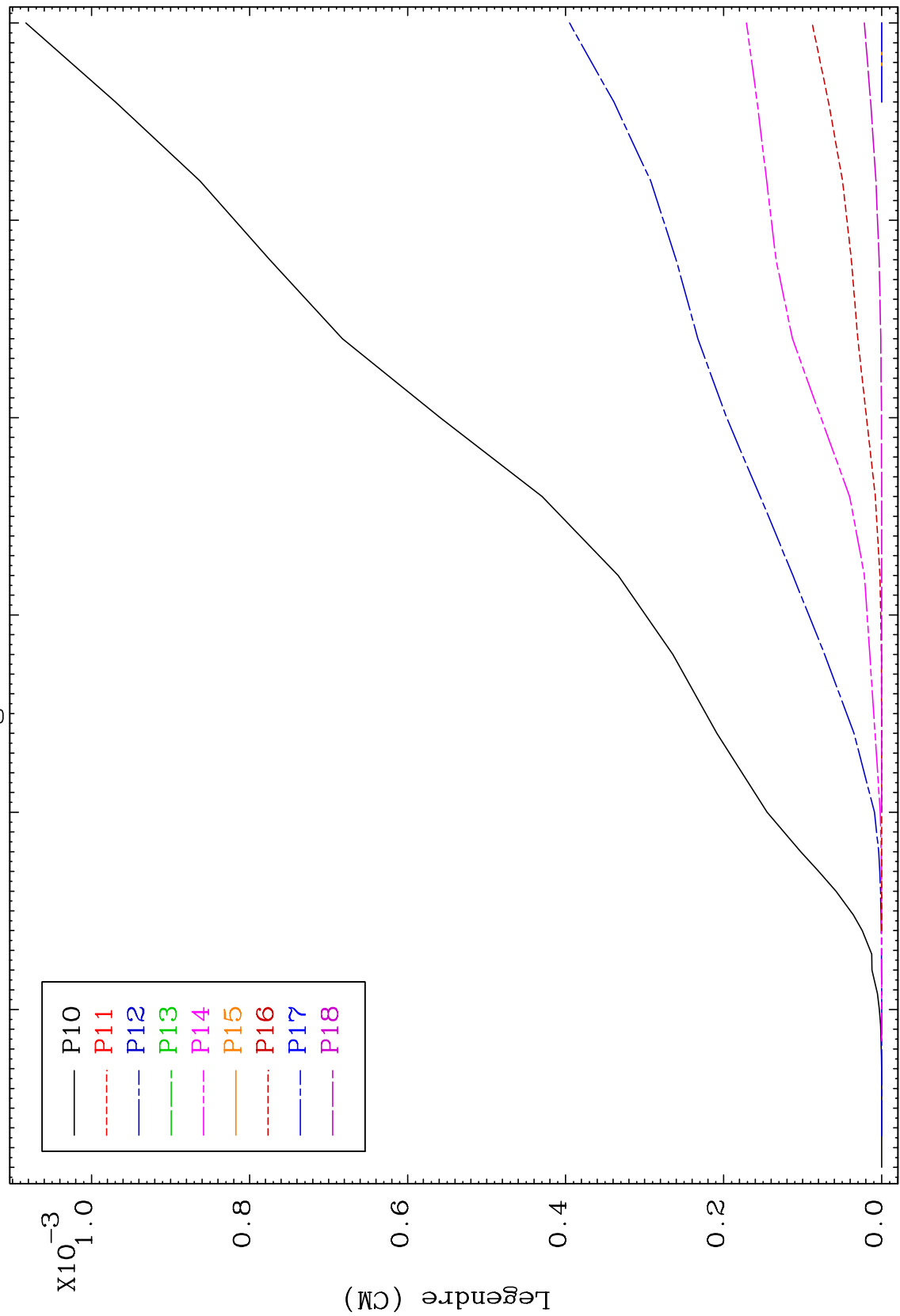
Incident Energy (MeV)

51-Sb-126n

MAT 5142

Elastic Legendre Coefficients

51-Sb-126n



15

Incident Energy (MeV)

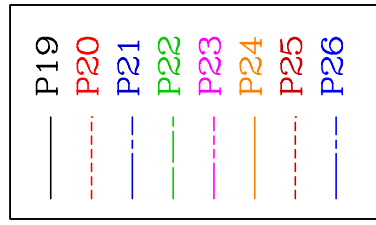
51-Sb-126n



MAT 5142

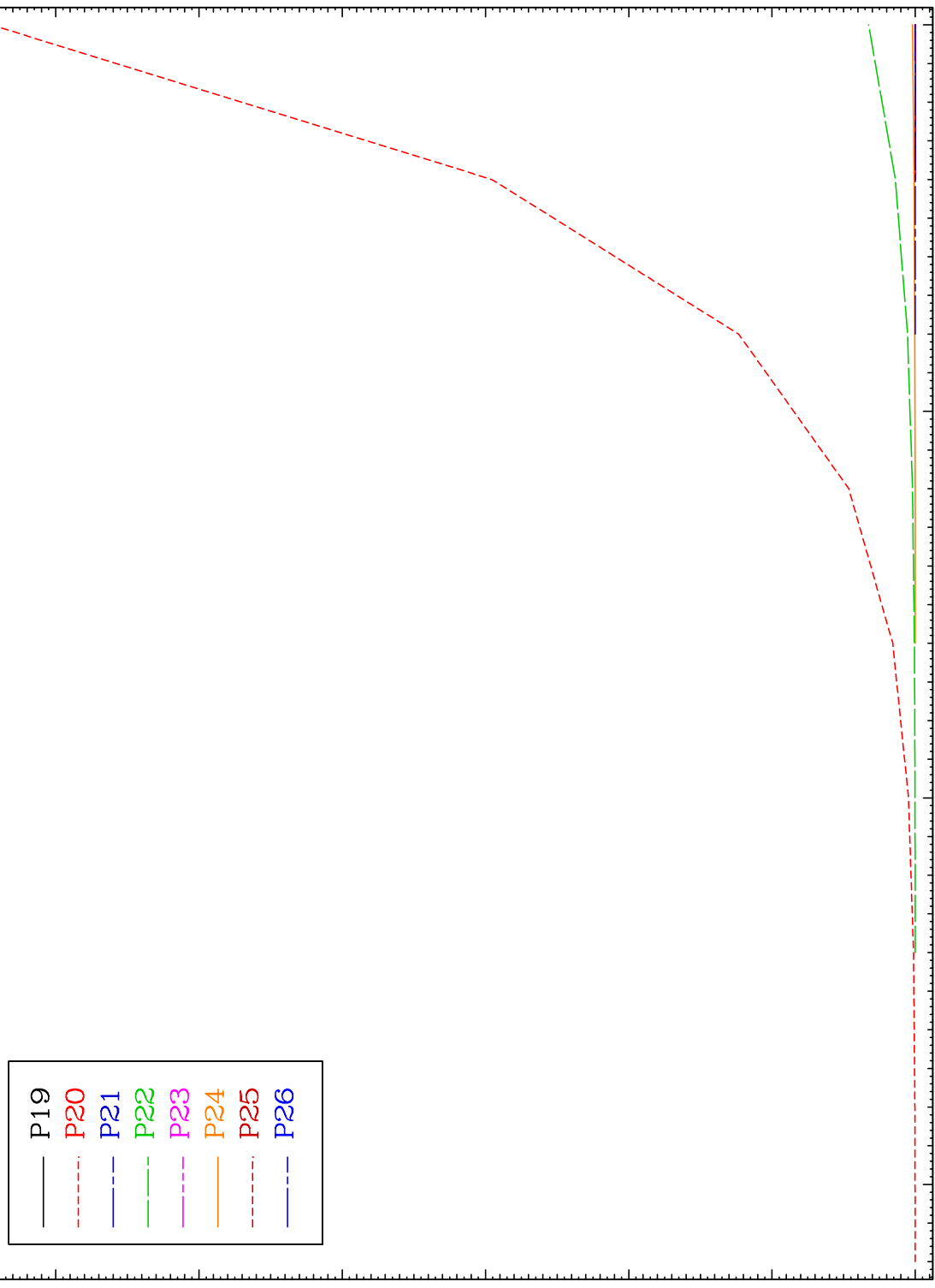
Elastic Legendre Coefficients

51-Sb-126n



$\times 10^{-6}$

Legendre (CM)



16

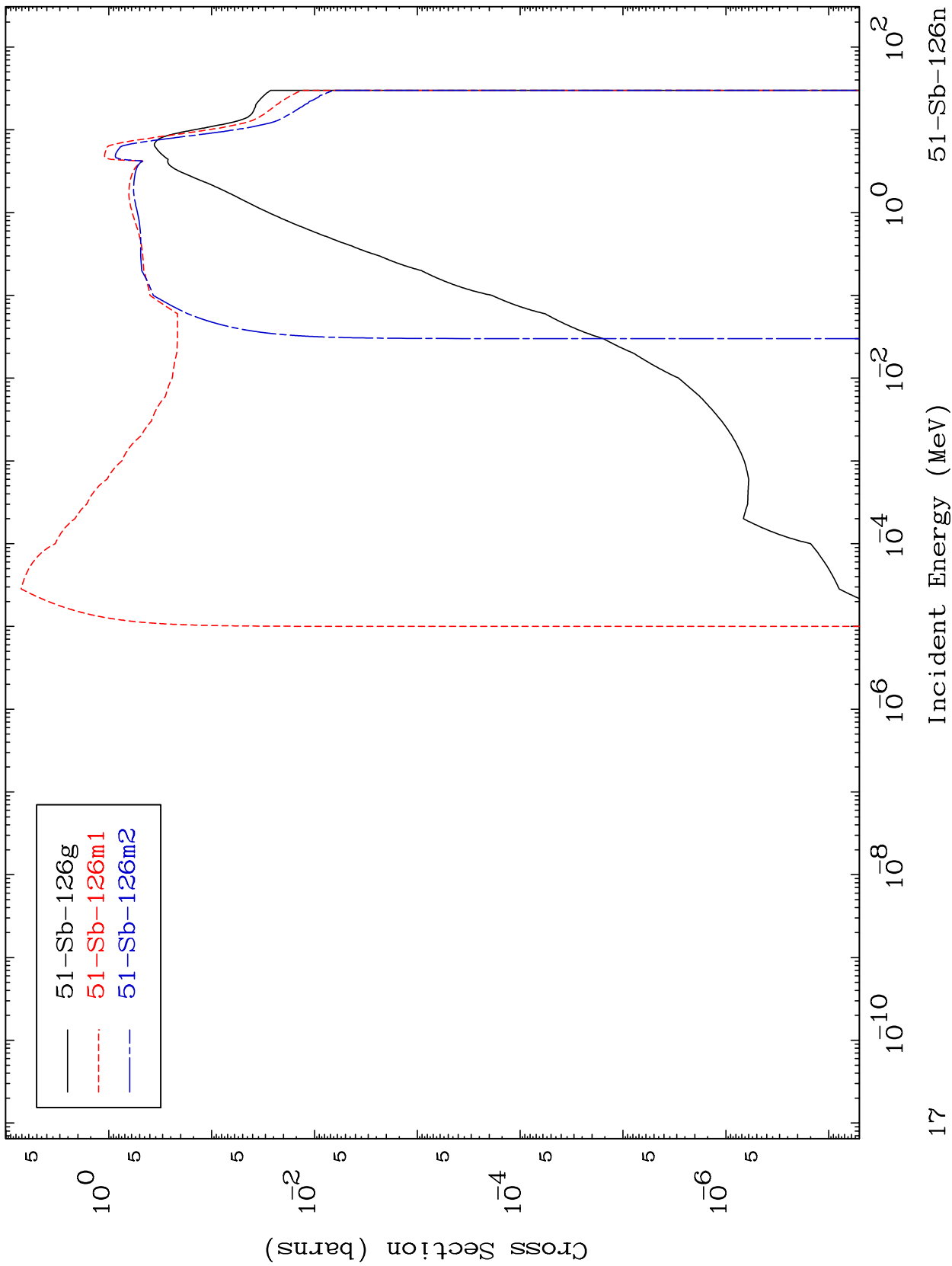
Incident Energy (MeV)

51-Sb-126n

MAT 5142

51-Sb-126n

Inelastic  
Radionuclide Production Cross Section

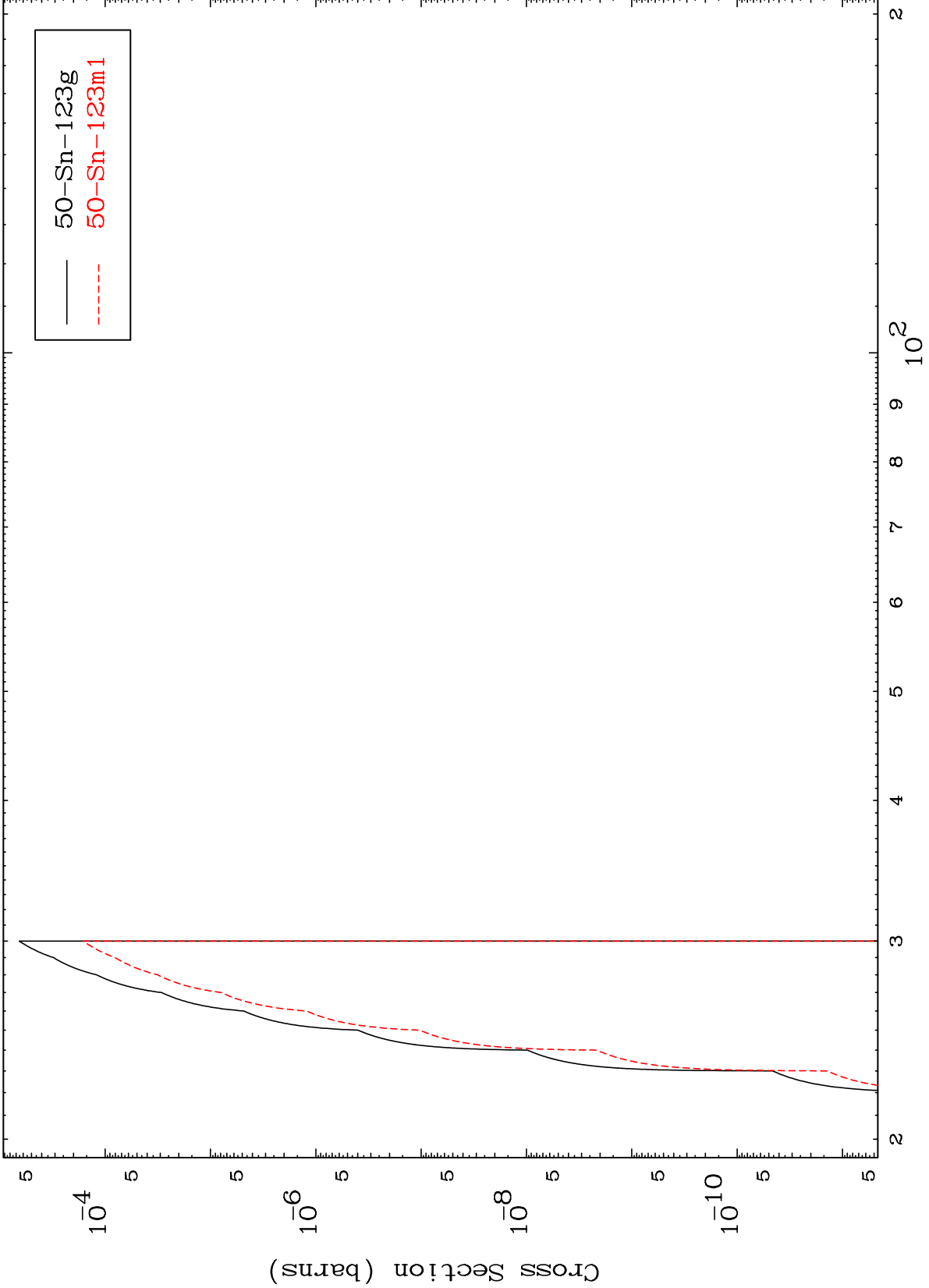


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(n,2n) d

51-Sb-126n

Radionuclide Production Cross Section



18

Incident Energy (MeV)

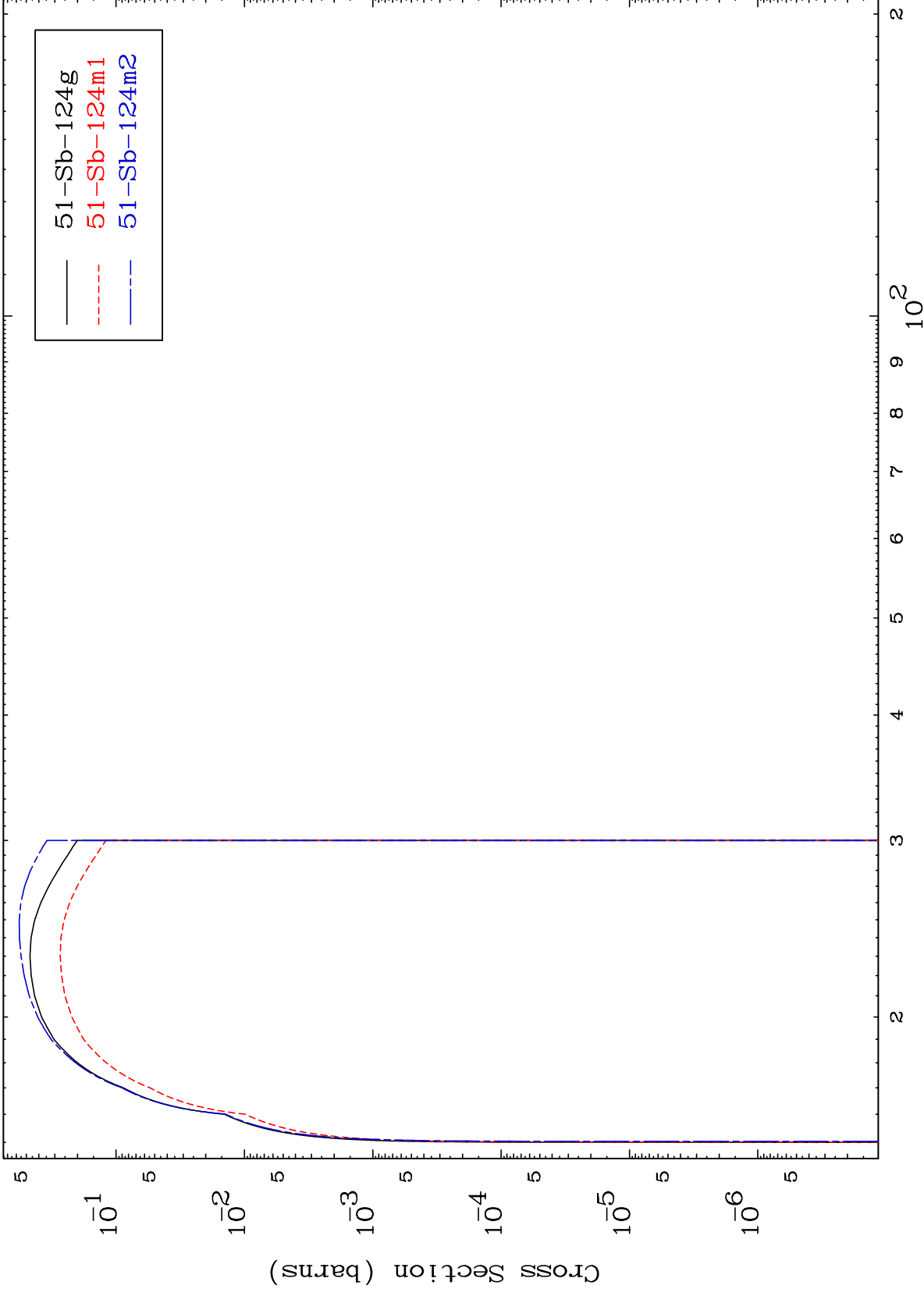
51-Sb-126n

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(n,3n)

51-Sb-126n

Radionuclide Production Cross Section

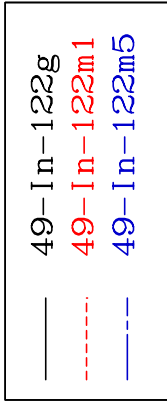
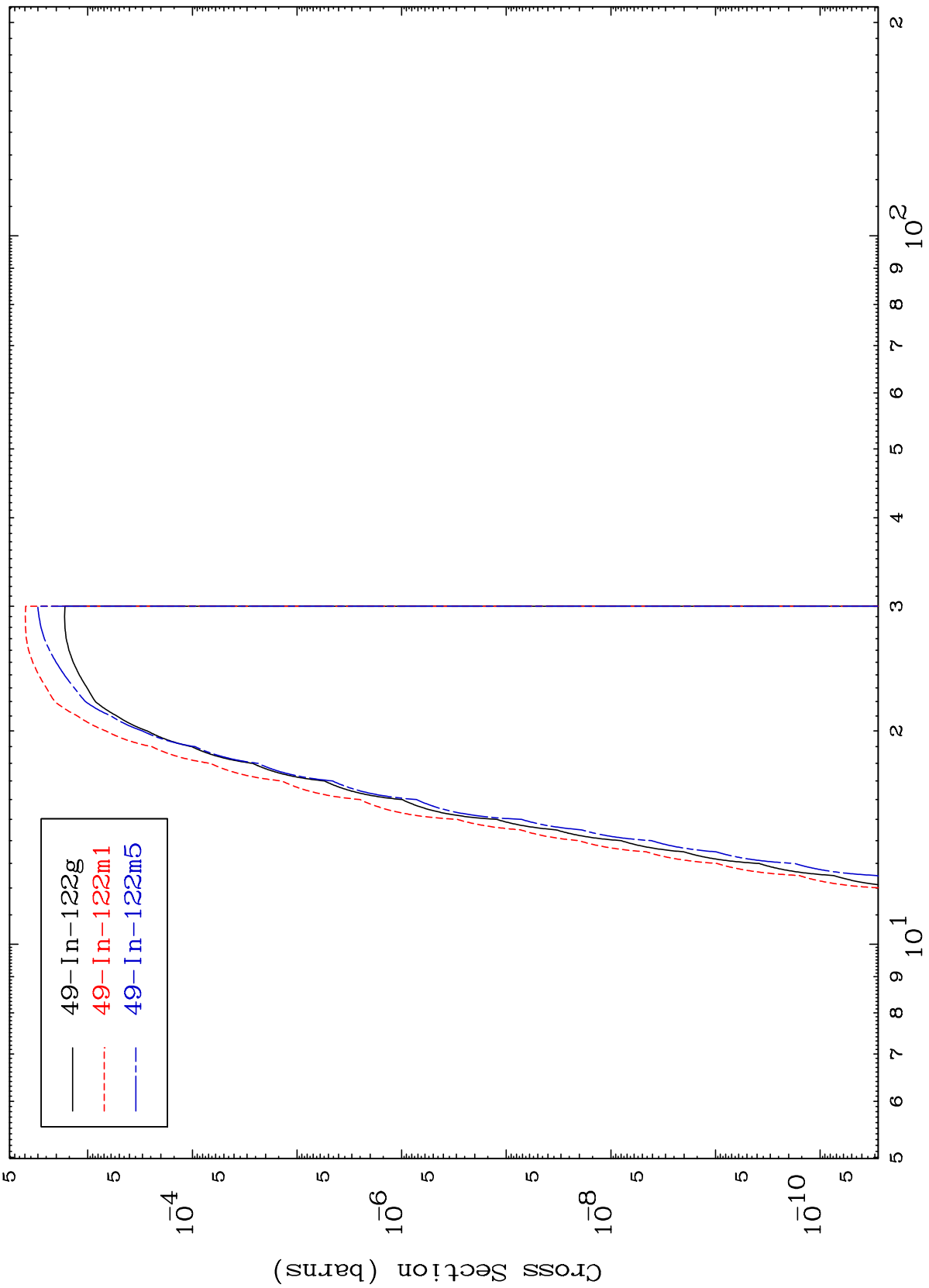


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51-Sb-126n

(n,n')  $\alpha$

Radionuclide Production Cross Section



20

Incident Energy (MeV)

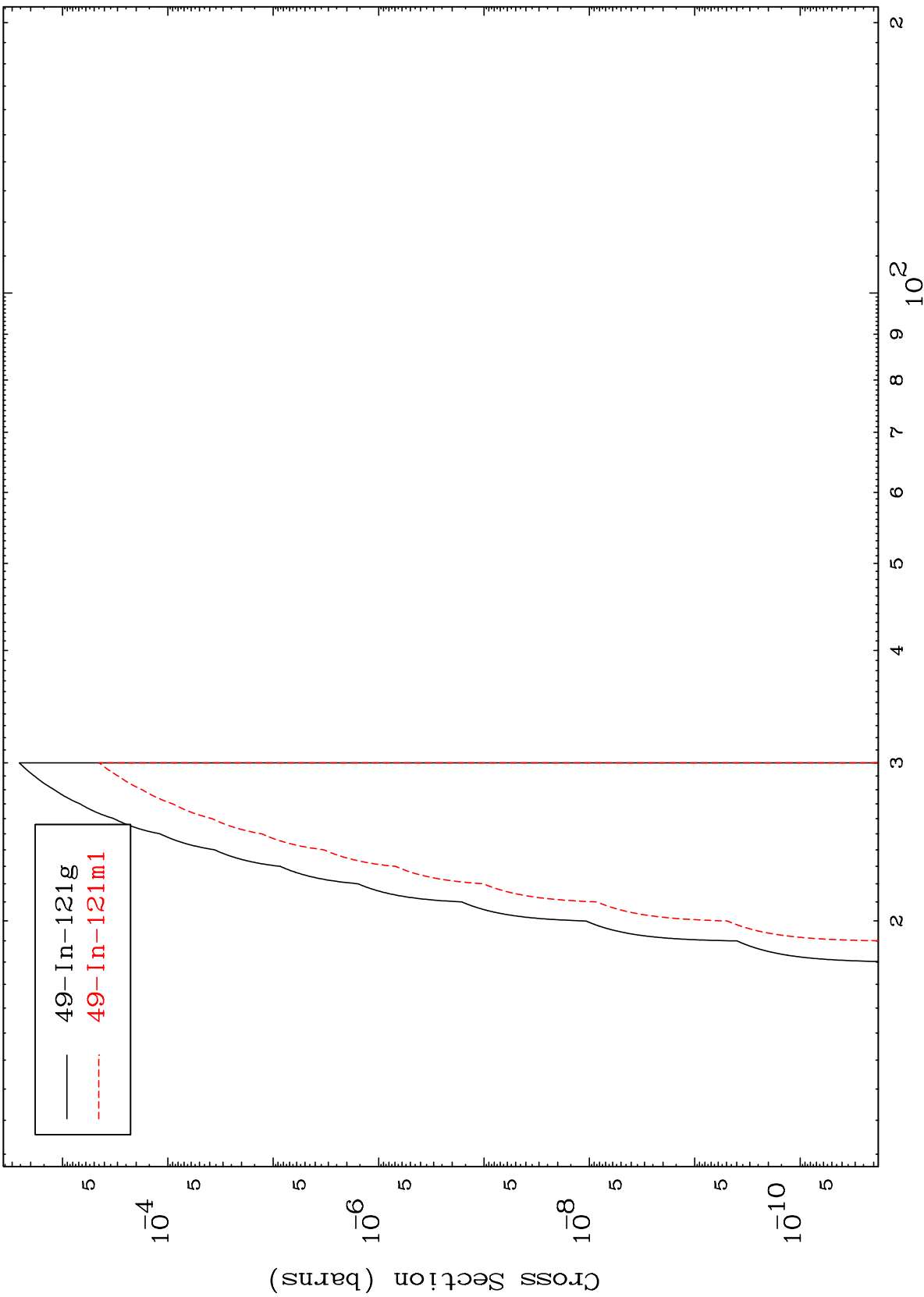
51-Sb-126n

MAT 5142

51-Sb-126n

(n,2n)  $\alpha$

Radionuclide Production Cross Section

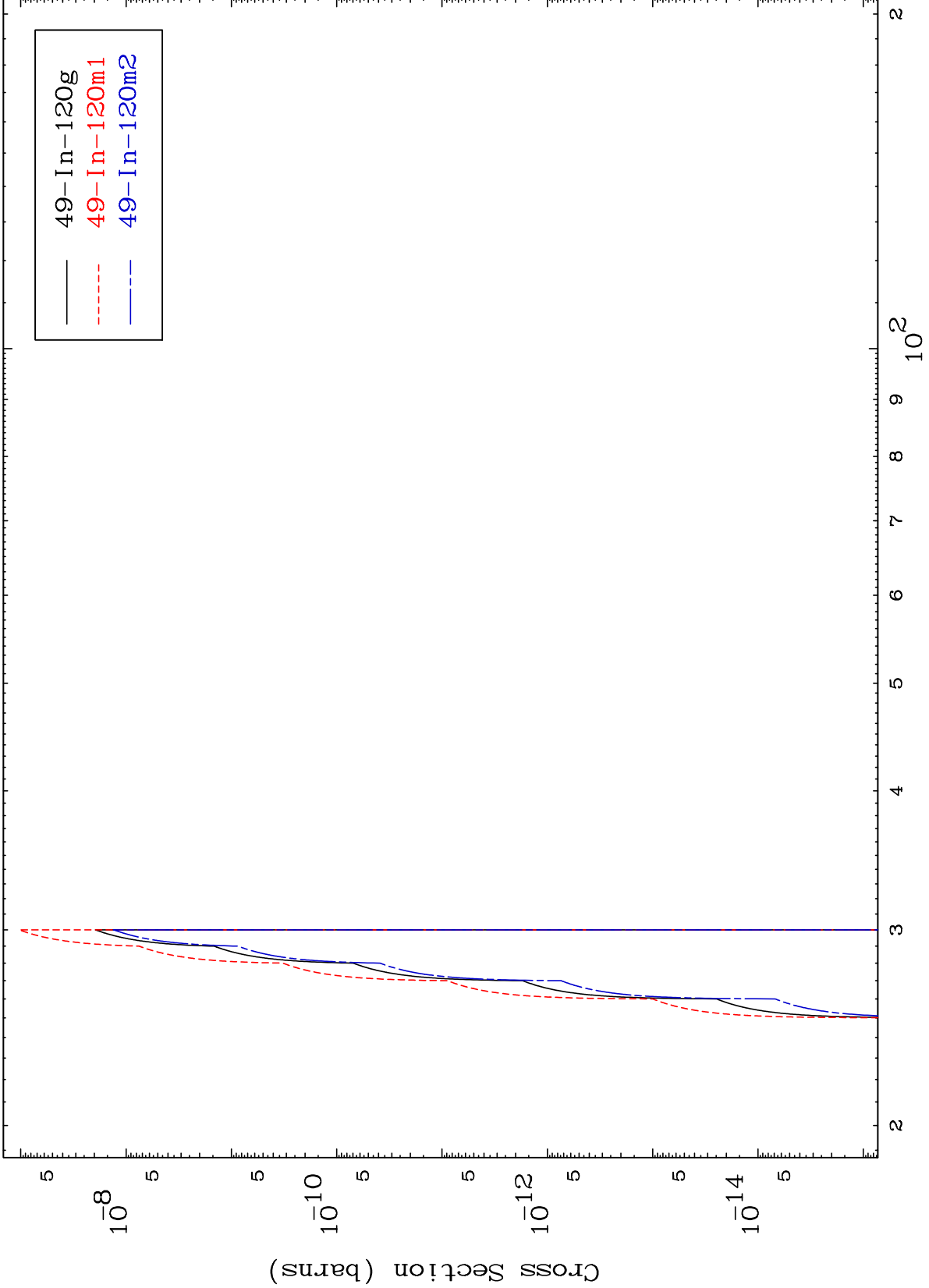


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(n,3n)  $\alpha$

51-Sb-126n

Radionuclide Production Cross Section



22

Incident Energy (MeV)

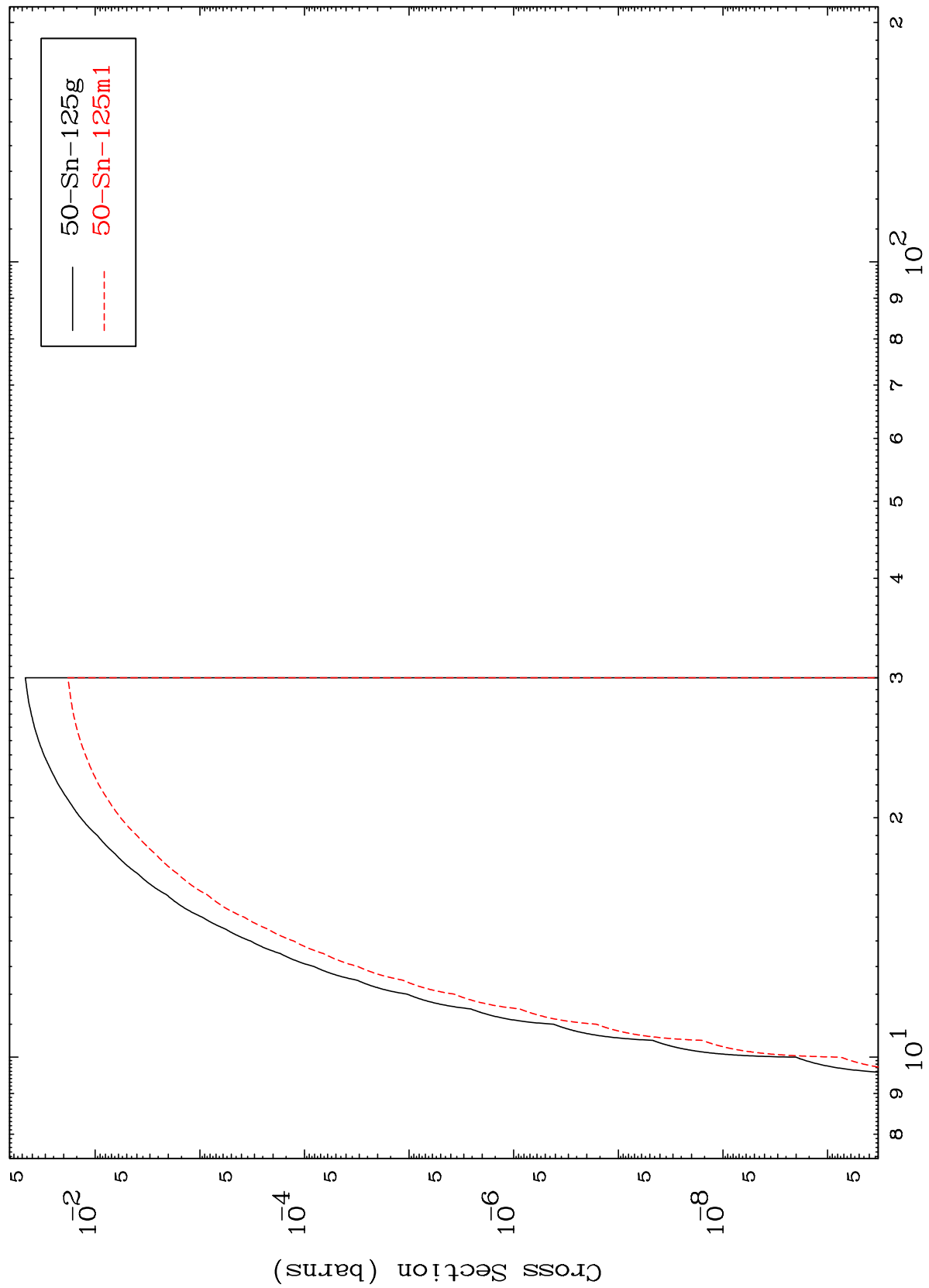
51-Sb-126n

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(n,n') p

51-Sb-126n

Radionuclide Production Cross Section



23

Incident Energy (MeV)

51-Sb-126n

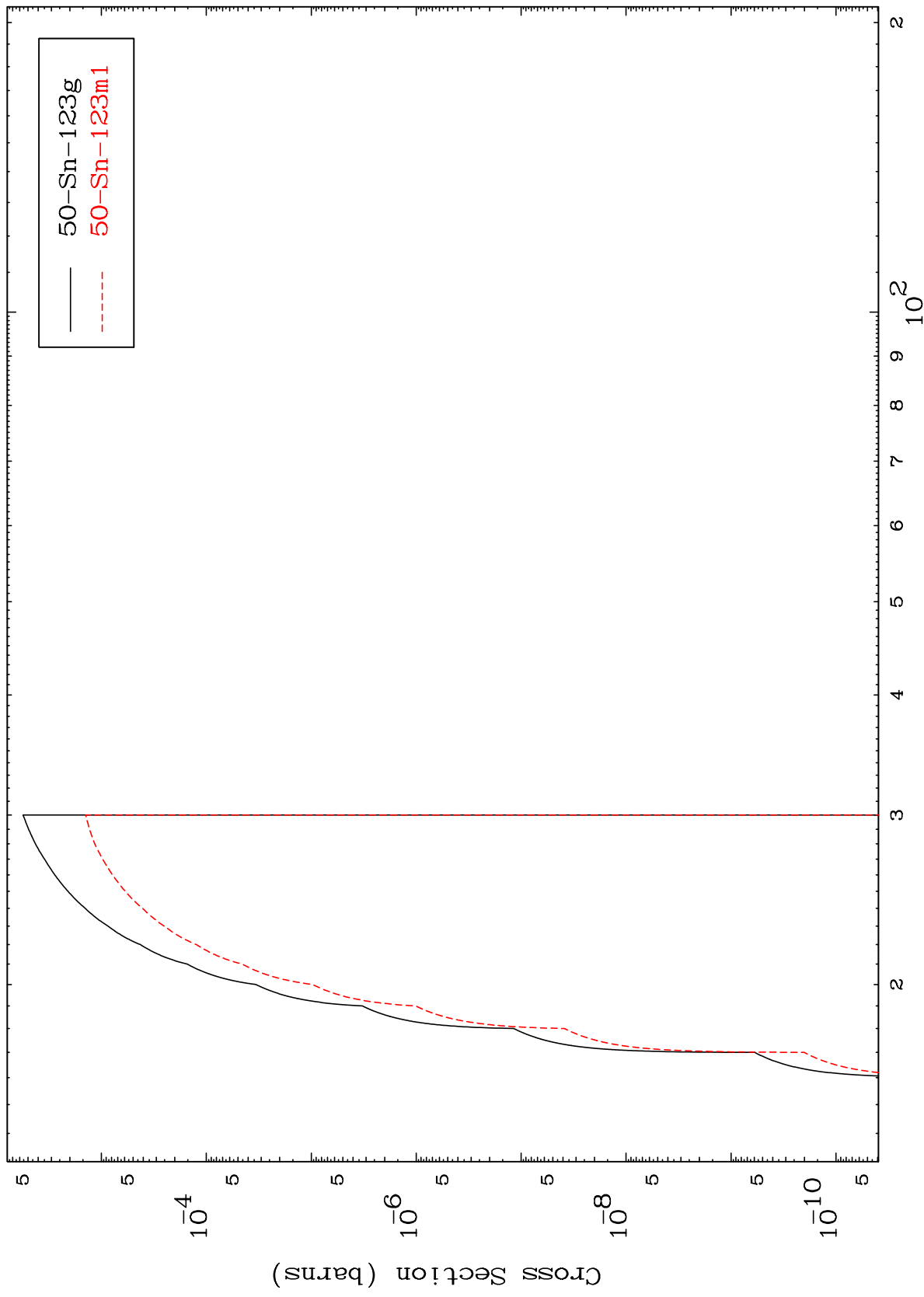


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(n,n') t

51-Sb-126n

Radionuclide Production Cross Section



24

Incident Energy (MeV)

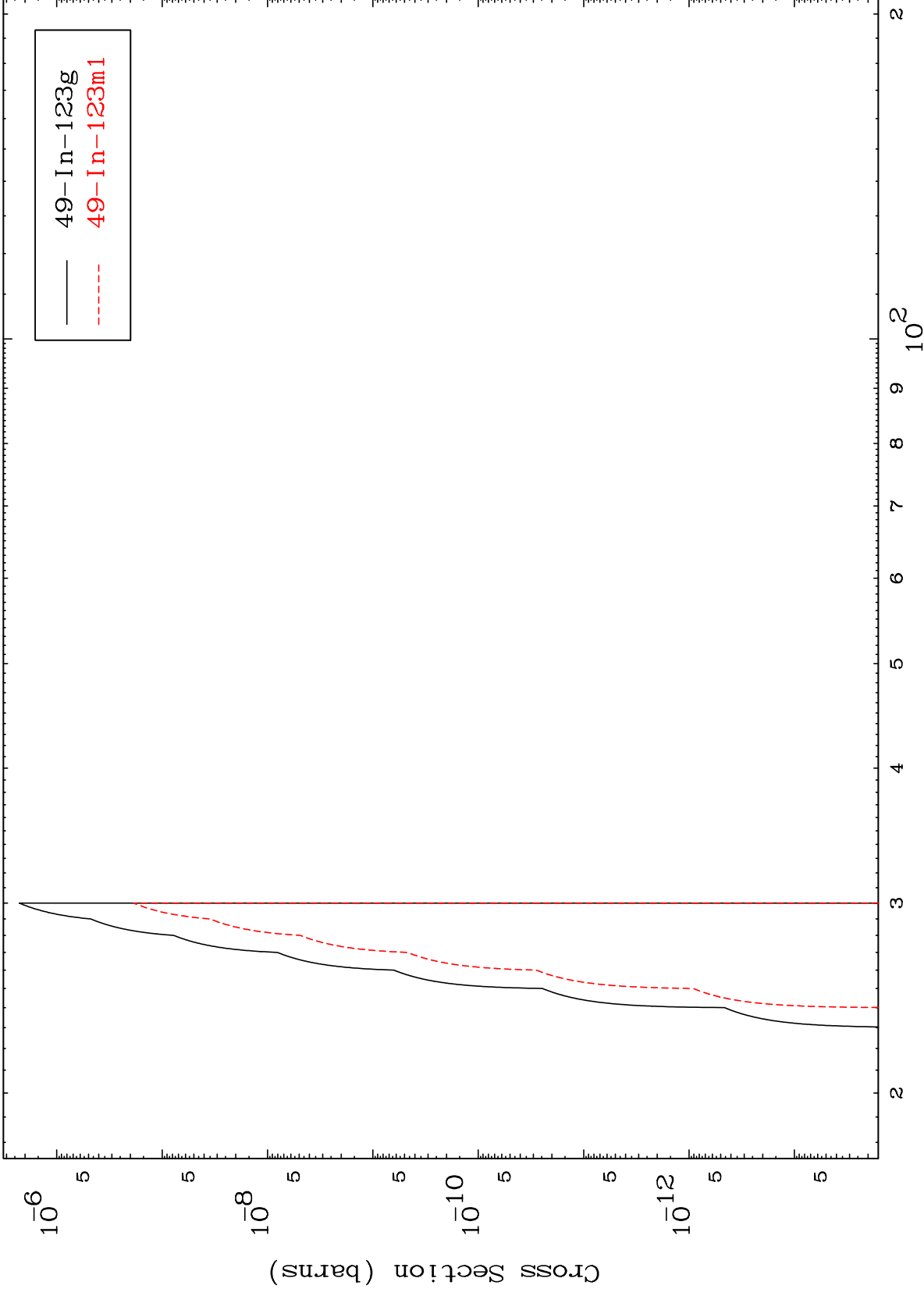
51-Sb-126n

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(n,n') He-3

51-Sb-126n

Radionuclide Production Cross Section



25

Incident Energy (MeV)

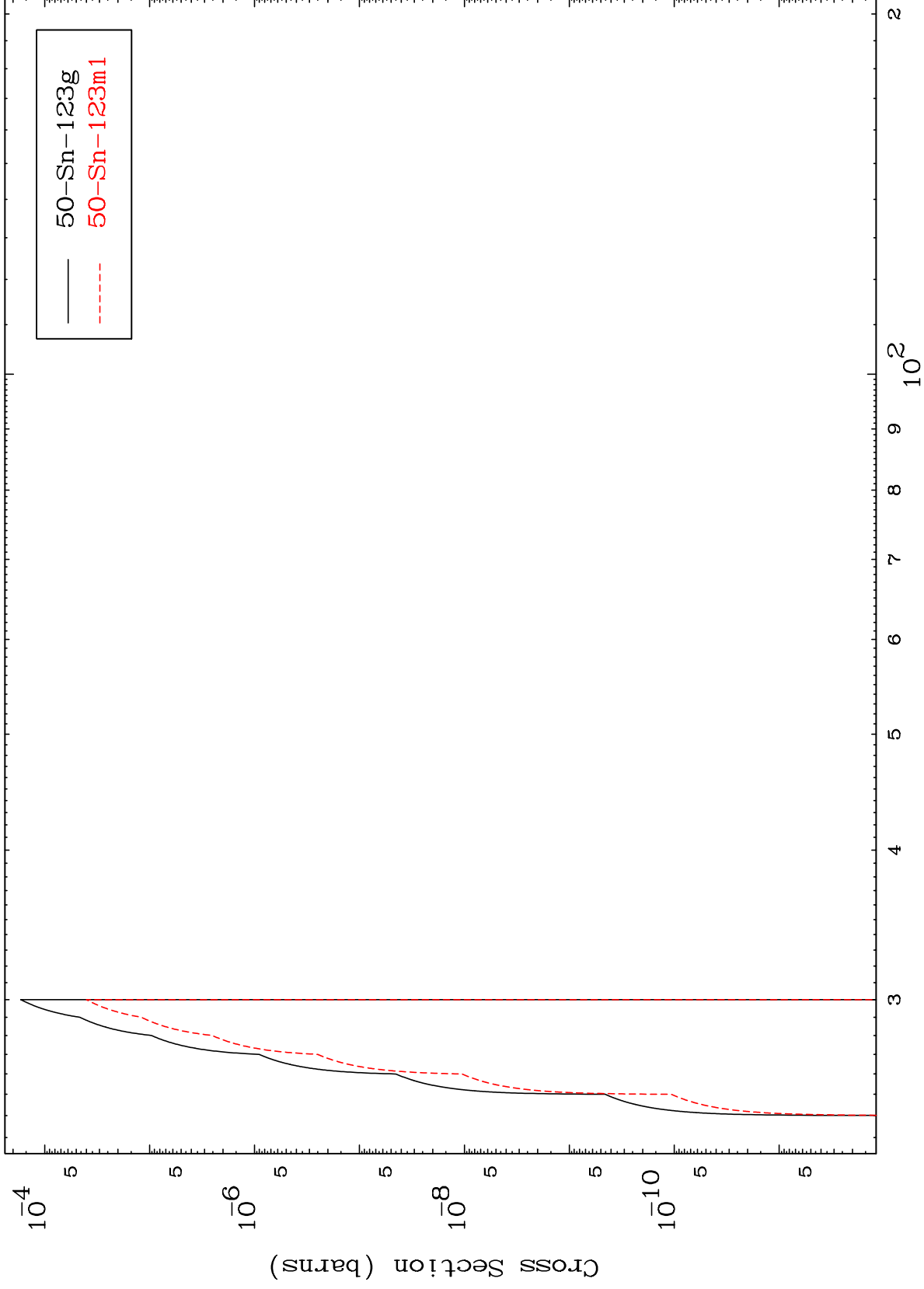
51-Sb-126n

MAT 5142

(n,3n) p

51-Sb-126n

Radionuclide Production Cross Section



26

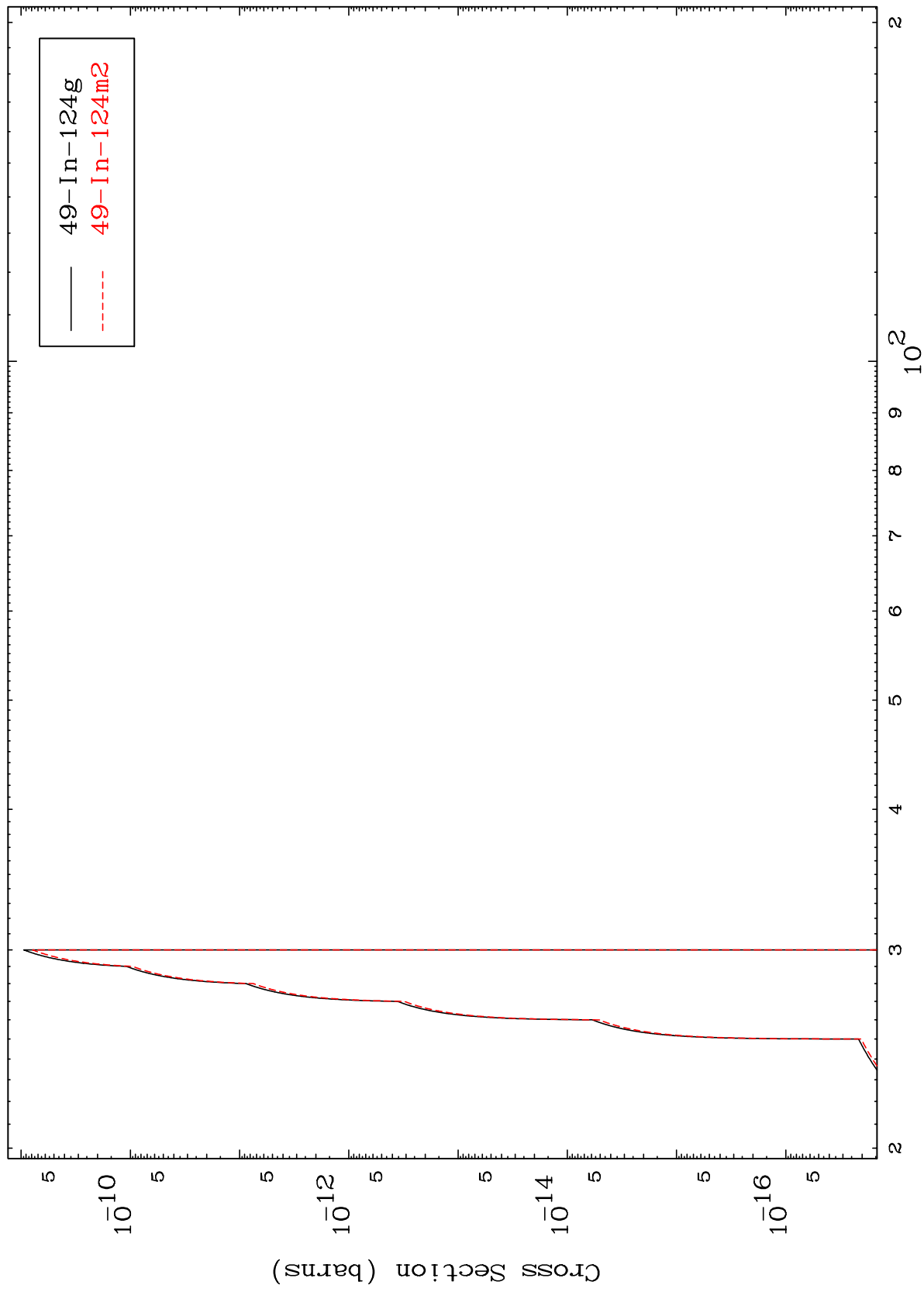
Incident Energy (MeV)

51-Sb-126n

MAT 5142

51-Sb-126n

(n,2n) p  
Radionuclide Production Cross Section



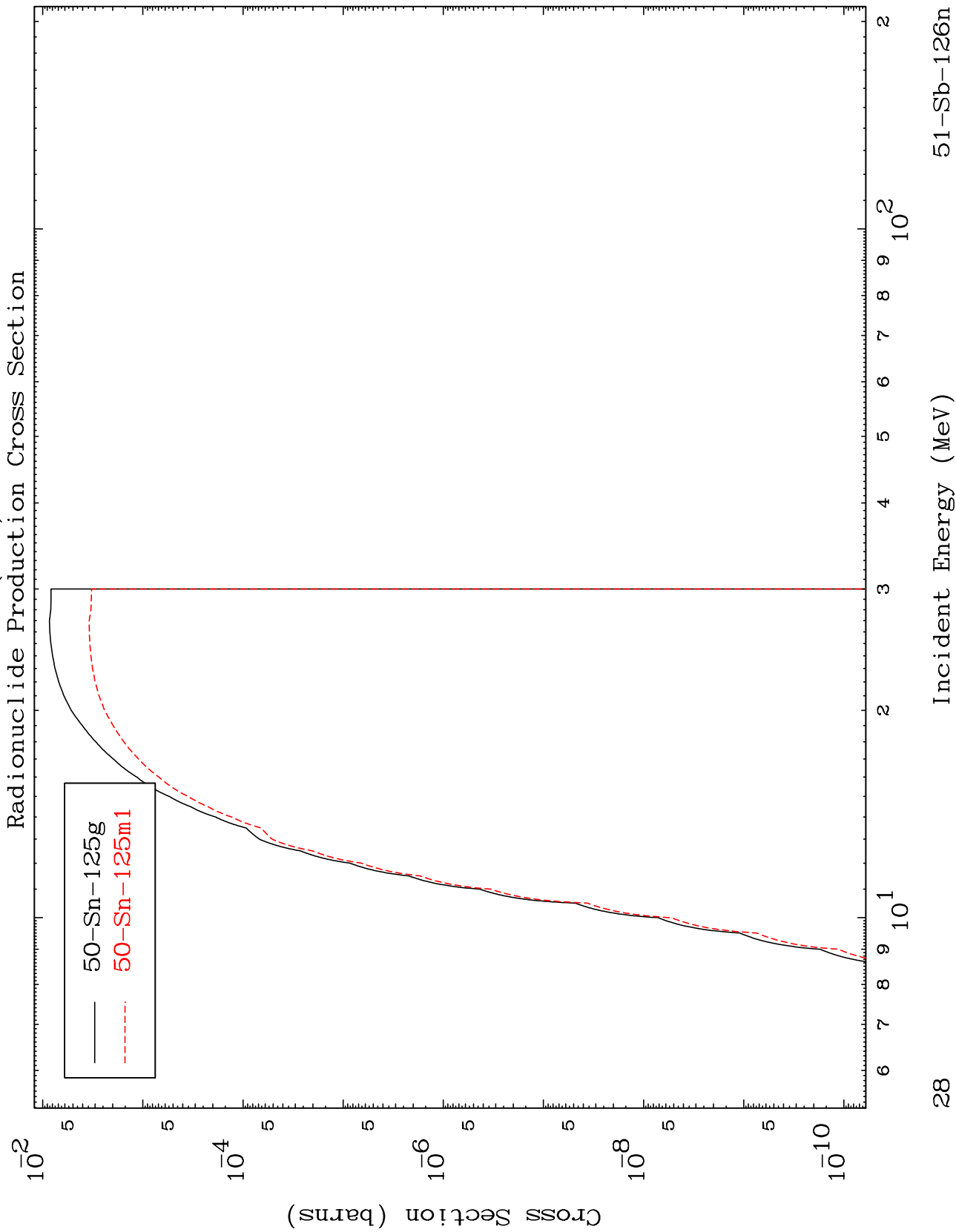
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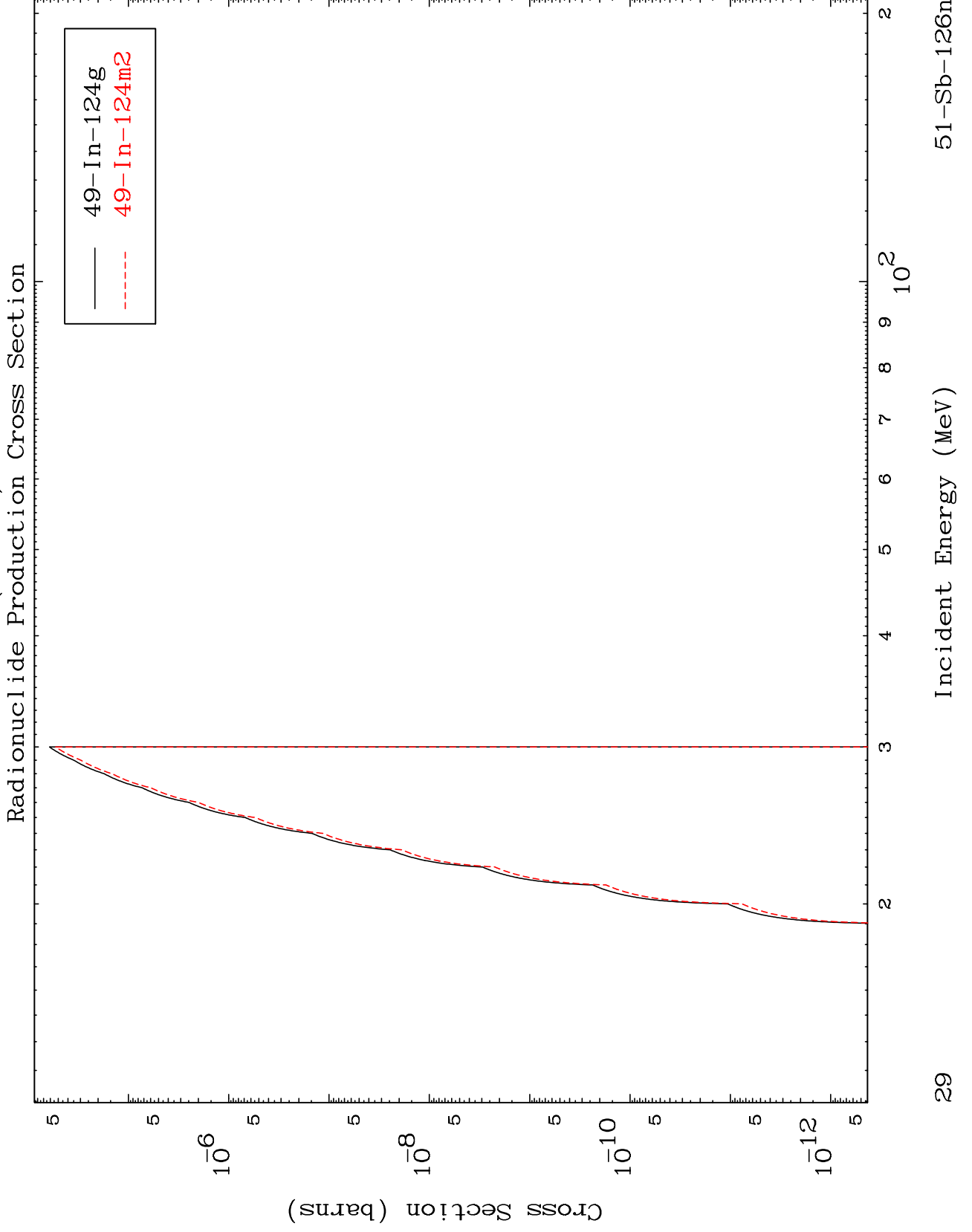
Incident Energy (MeV)

27

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51-Sb-126n

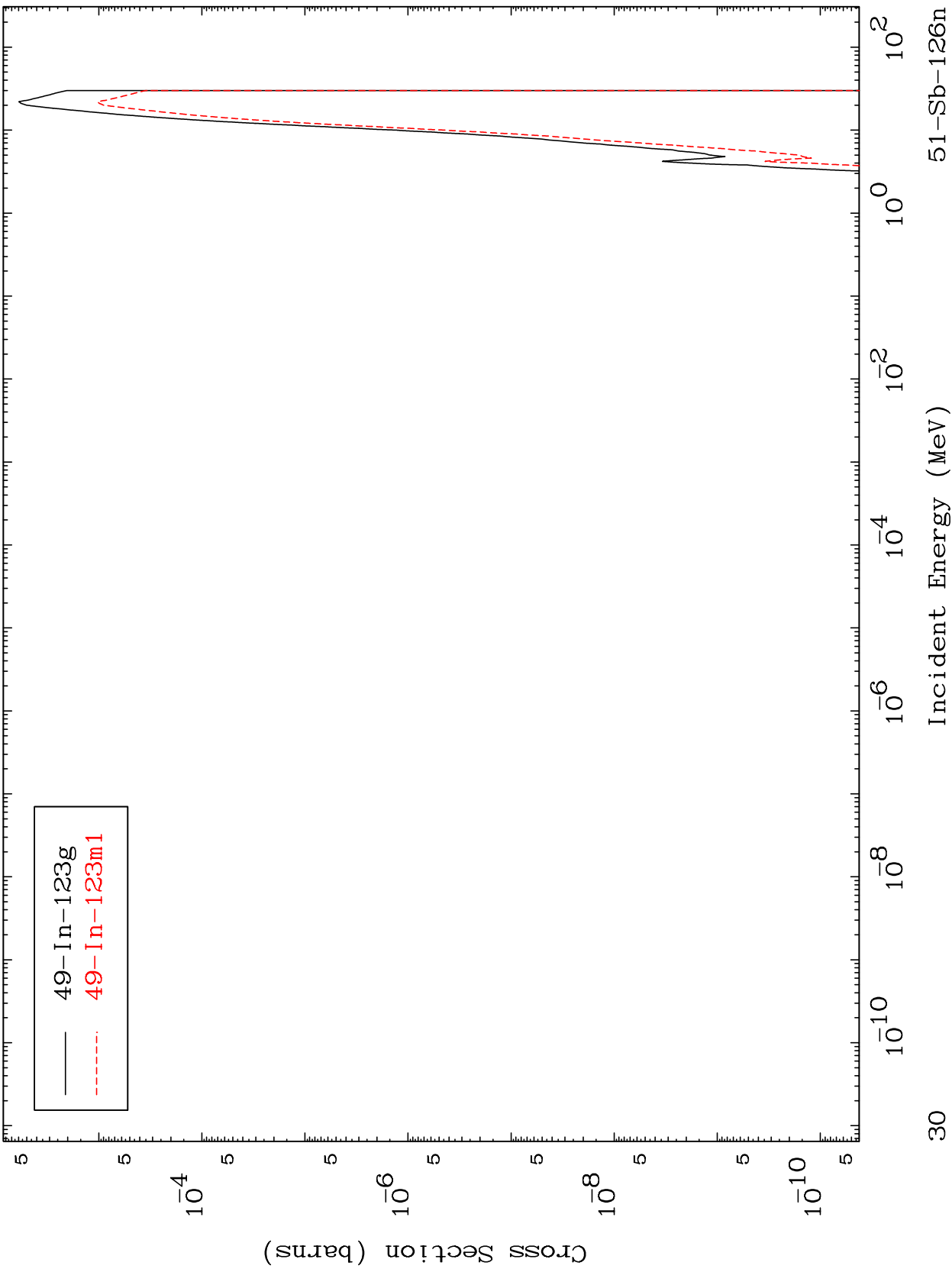




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Radionuclide Production Cross Section  
(n,  $\alpha$ )

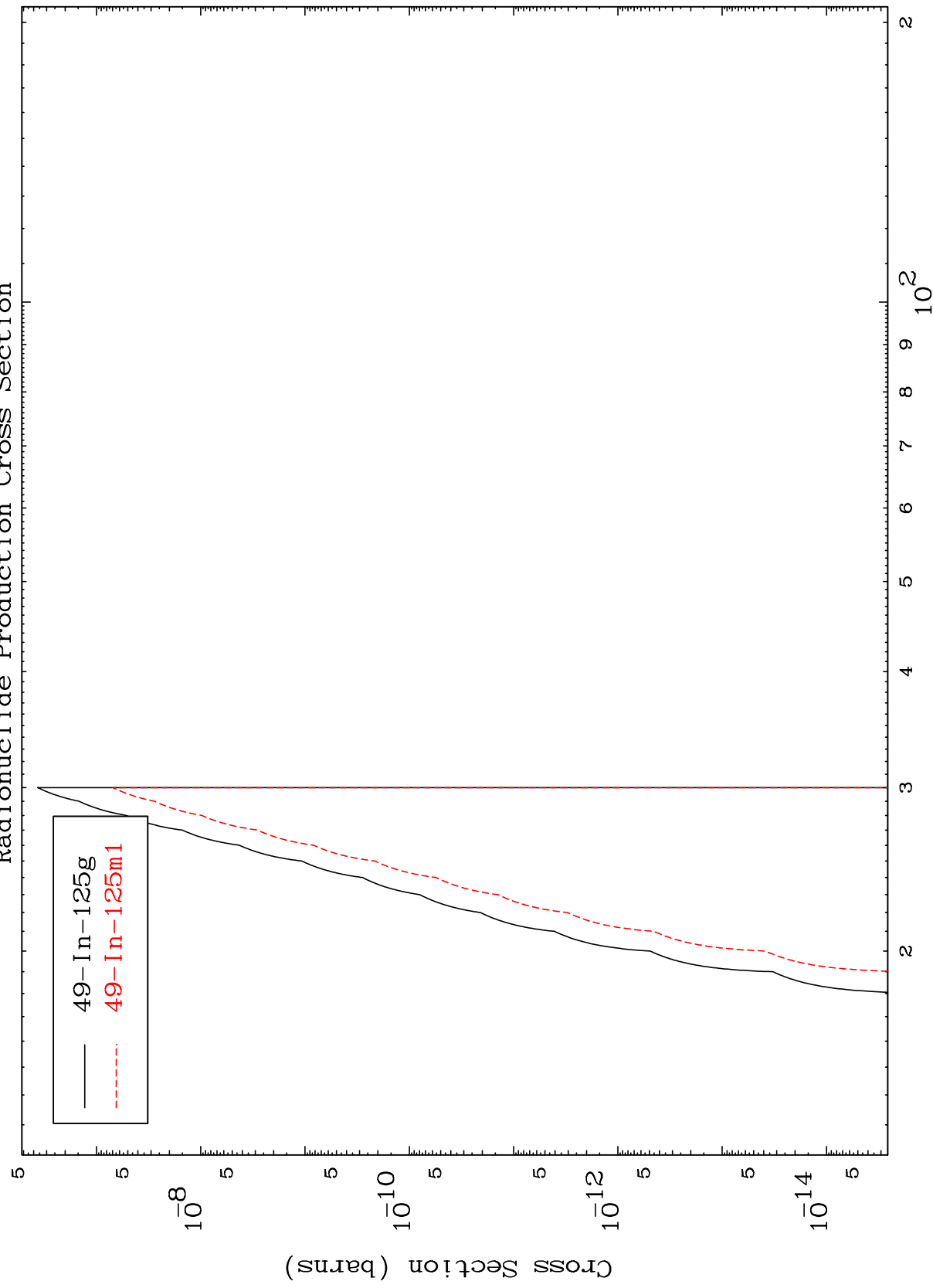
51-Sb-126n



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51-Sb-126n

(n,2p)  
Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-126n

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