

Program EVALPLOT  
(Version 2021-1)

by

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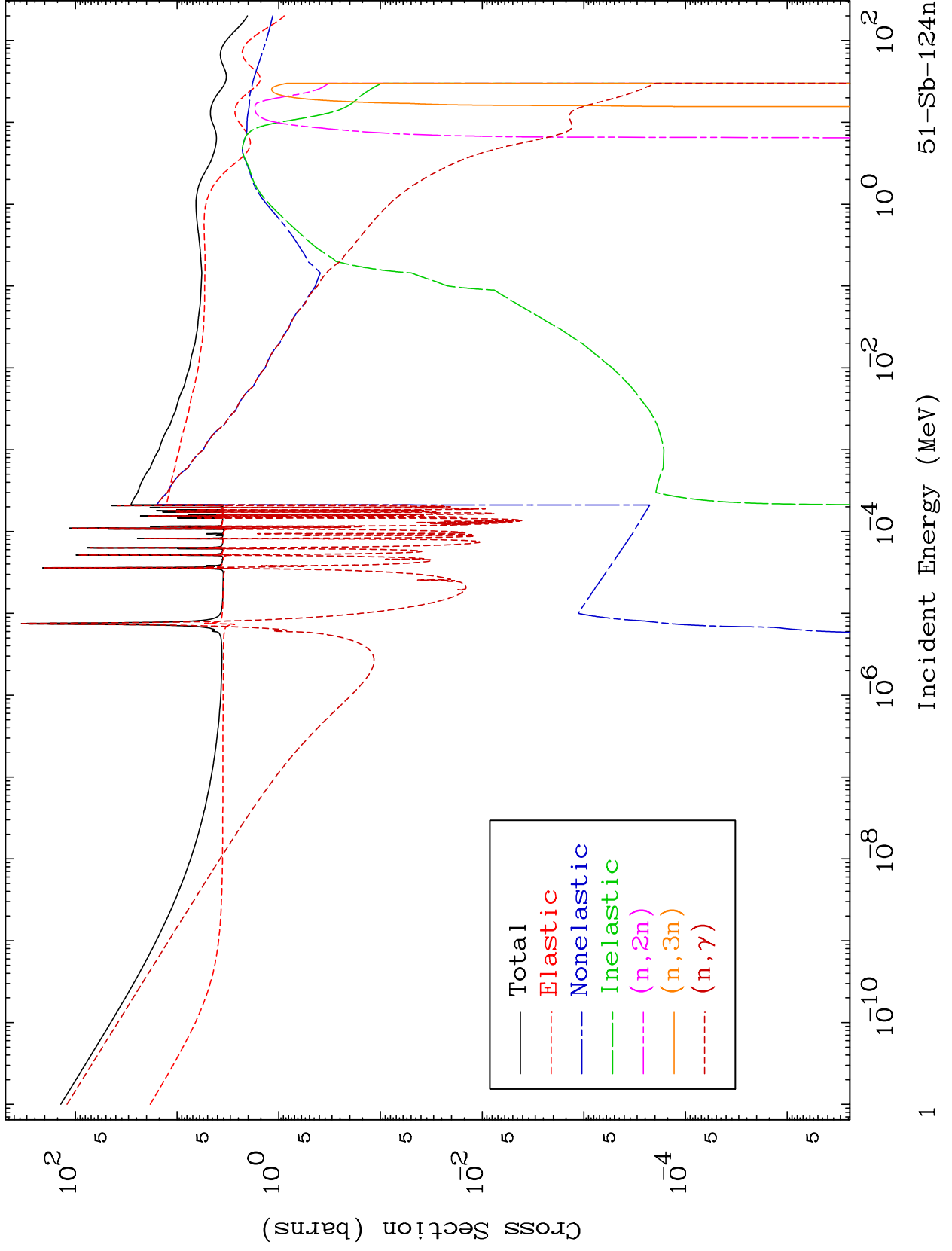
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Press Mouse Button to Start

MAT 5136

Neutron Major  
293 Kelvin Cross Sections

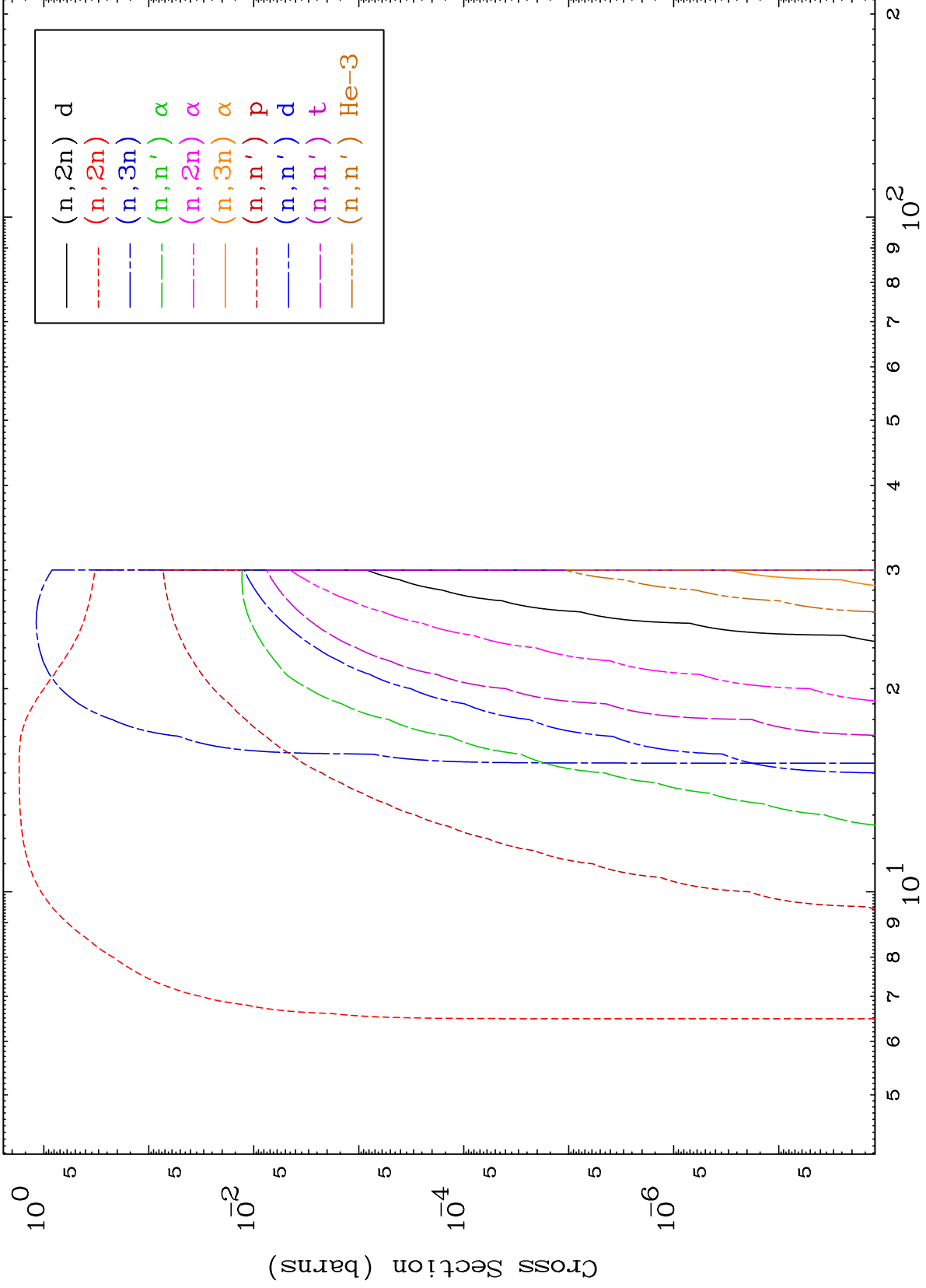
51-Sb-124n



MAT 5136

Neutron Absorption  
293 Kelvin Cross Sections

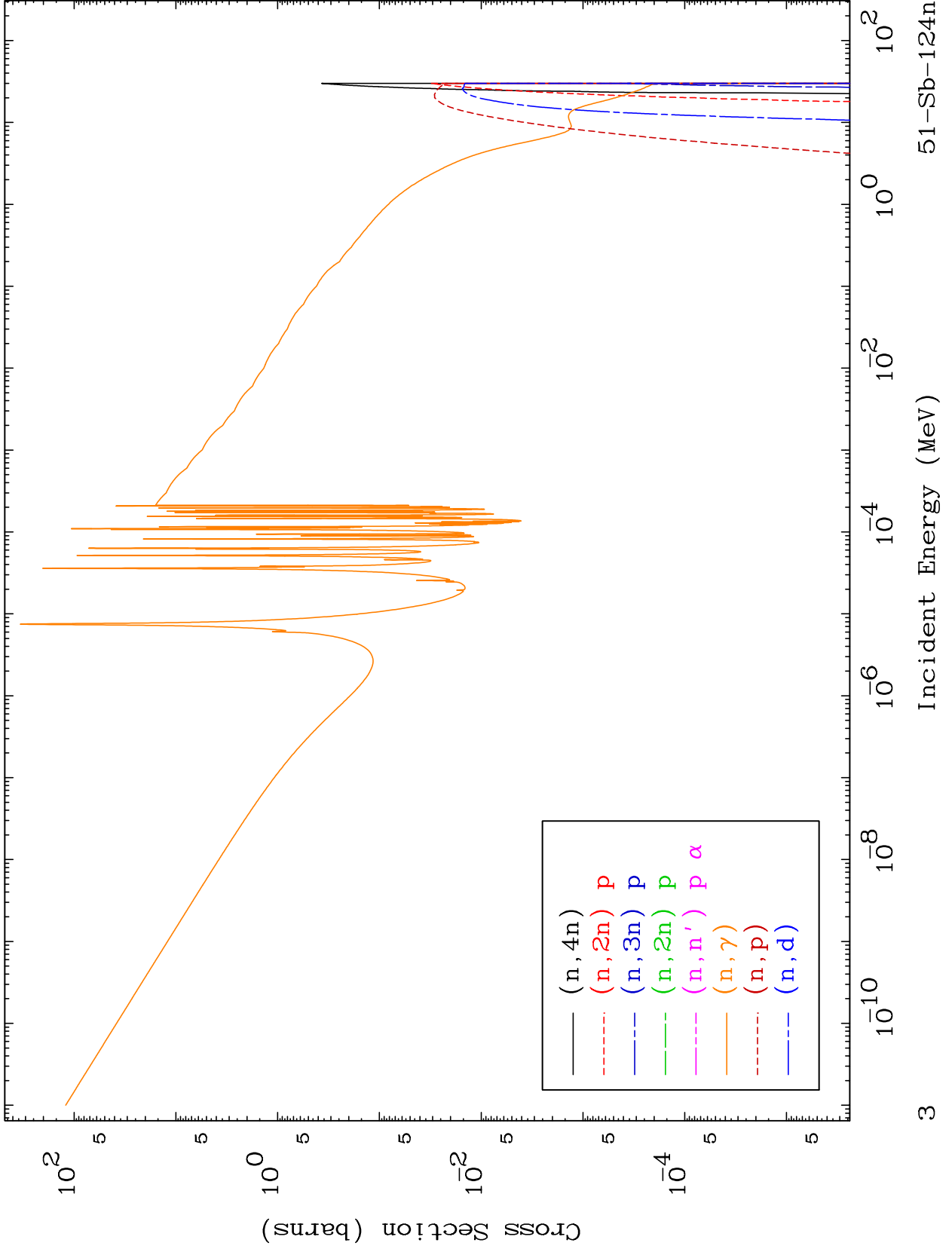
51-Sb-124n



MAT 5136

Neutron Absorption  
293 Kelvin Cross Sections

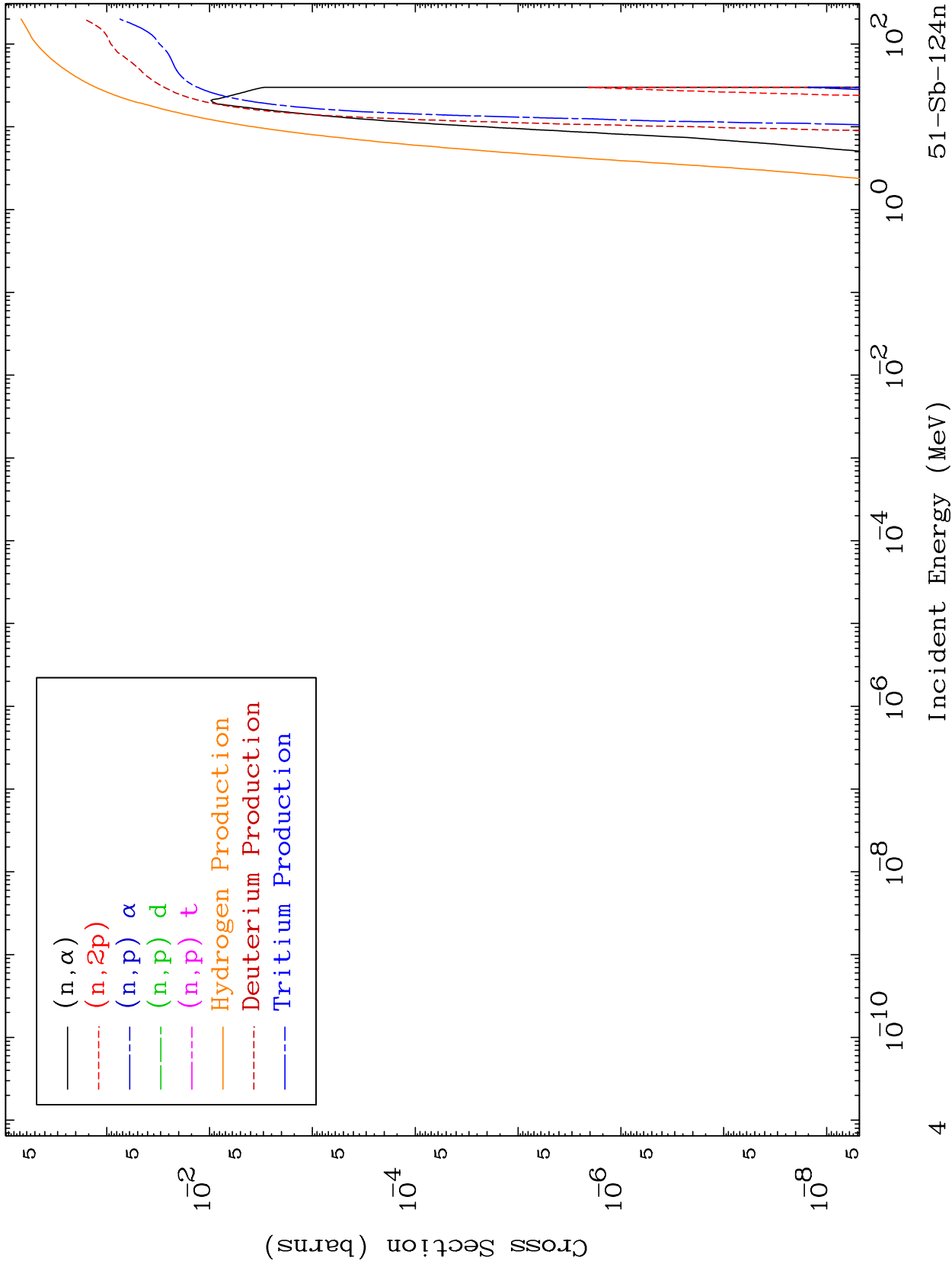
51-Sb-124n



MAT 5136

Neutron Absorption  
293 Kelvin Cross Sections

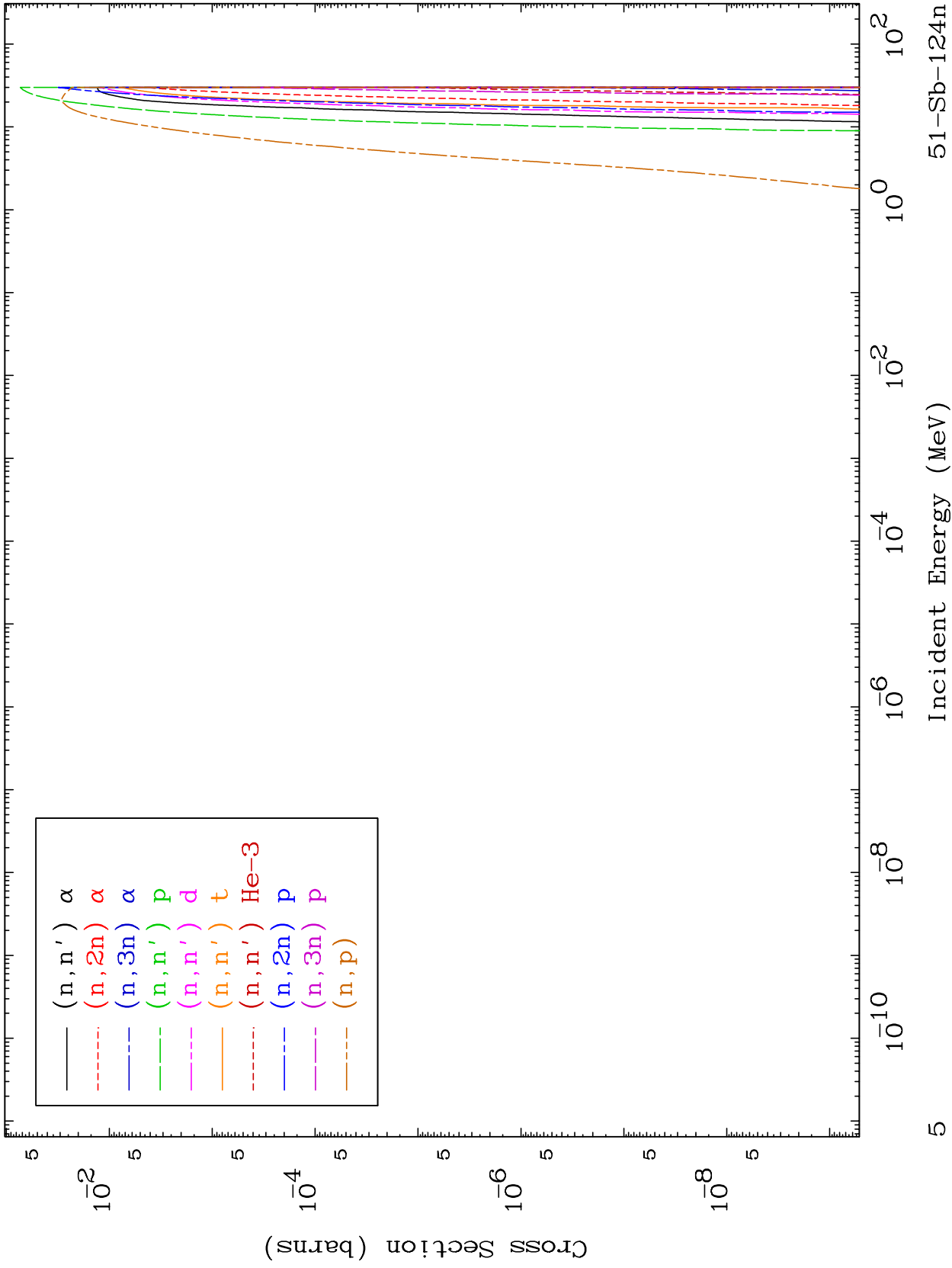
51-Sb-124n



MAT 5136

Charged Particle  
293 Kelvin Cross Sections

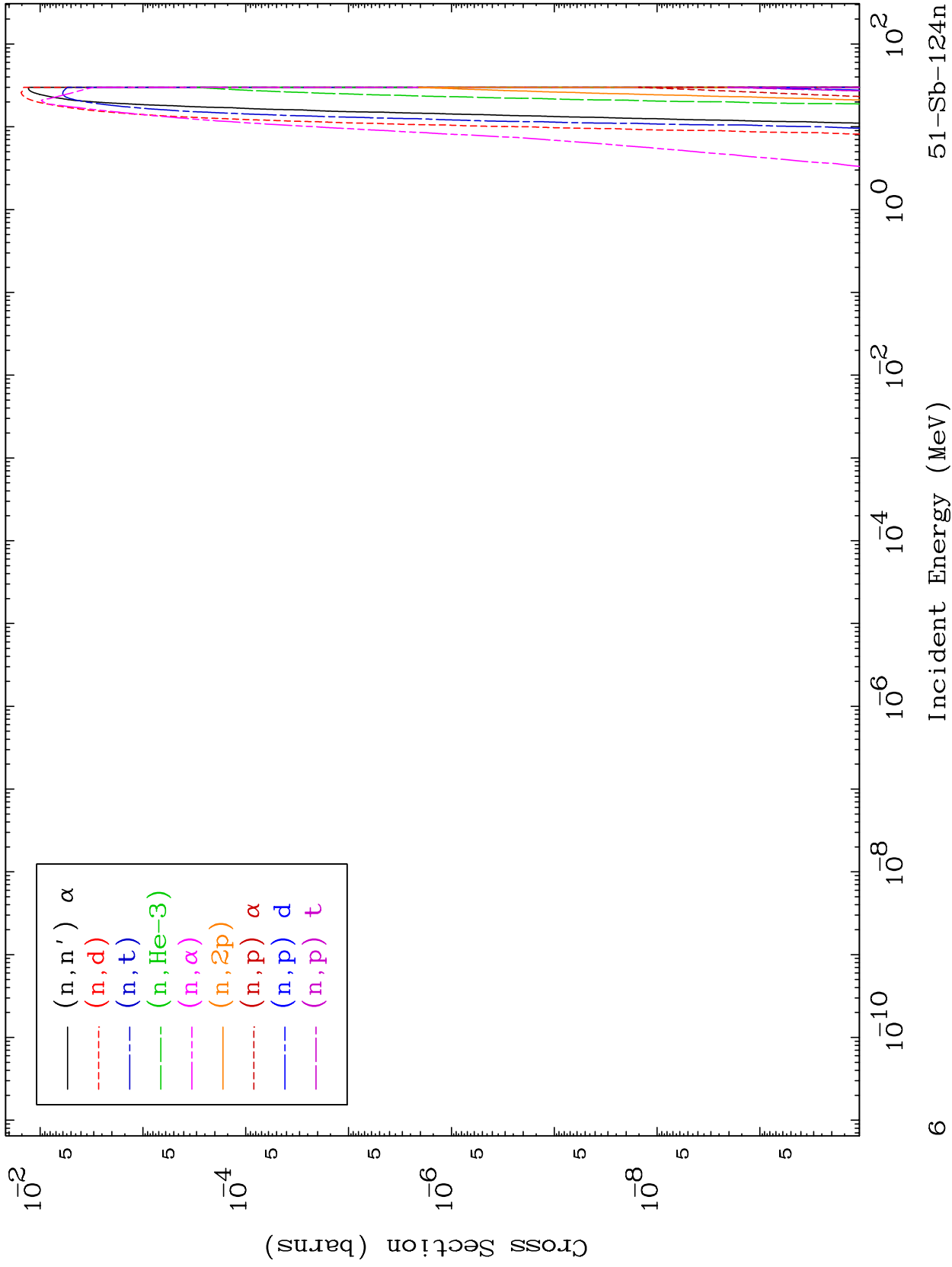
51-Sb-124n



MAT 5136

Charged Particle  
293 Kelvin Cross Sections

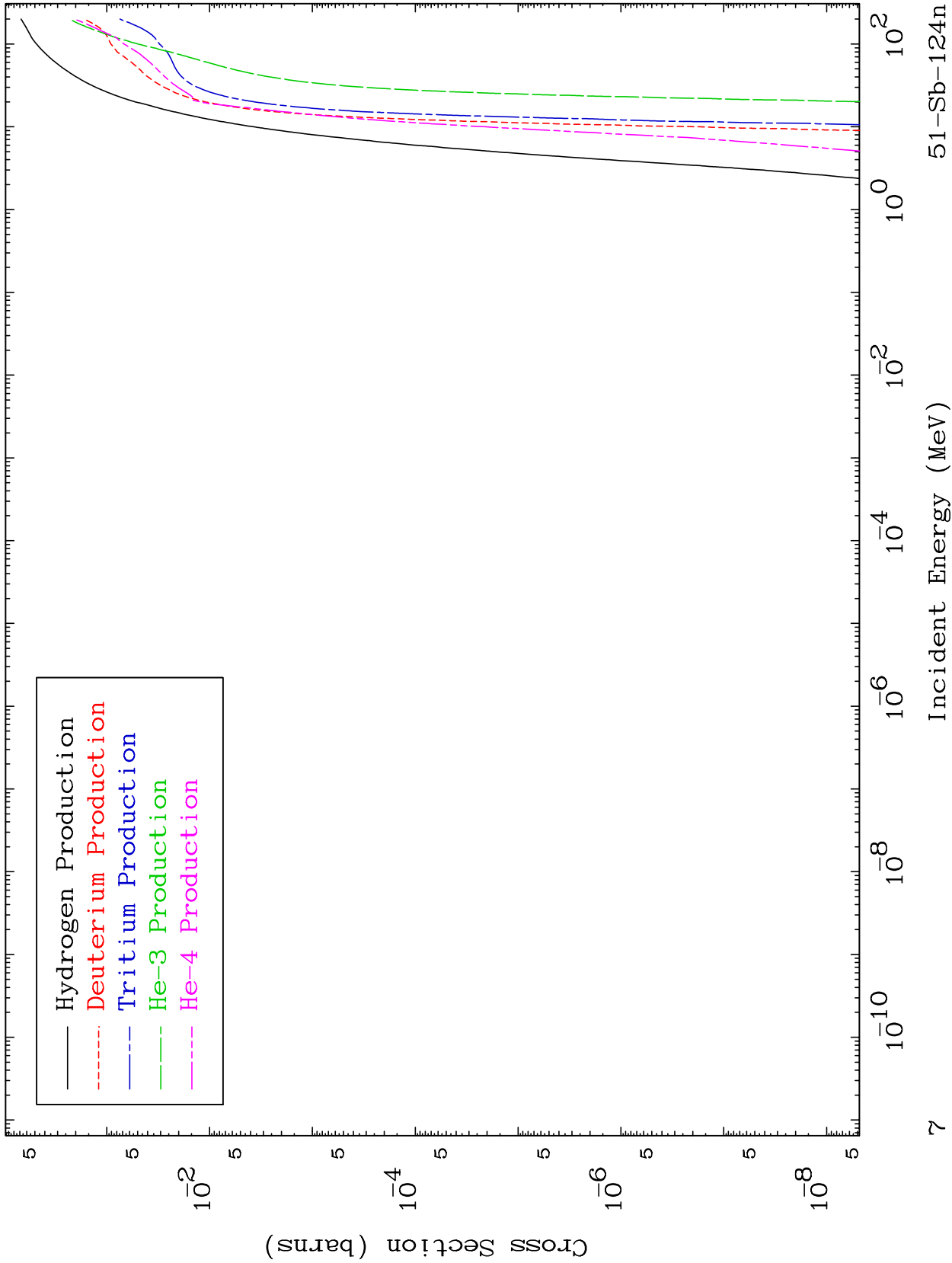
51-Sb-124n



MAT 5136

Particle Production  
293 Kelvin Cross Sections

51-Sb-124n

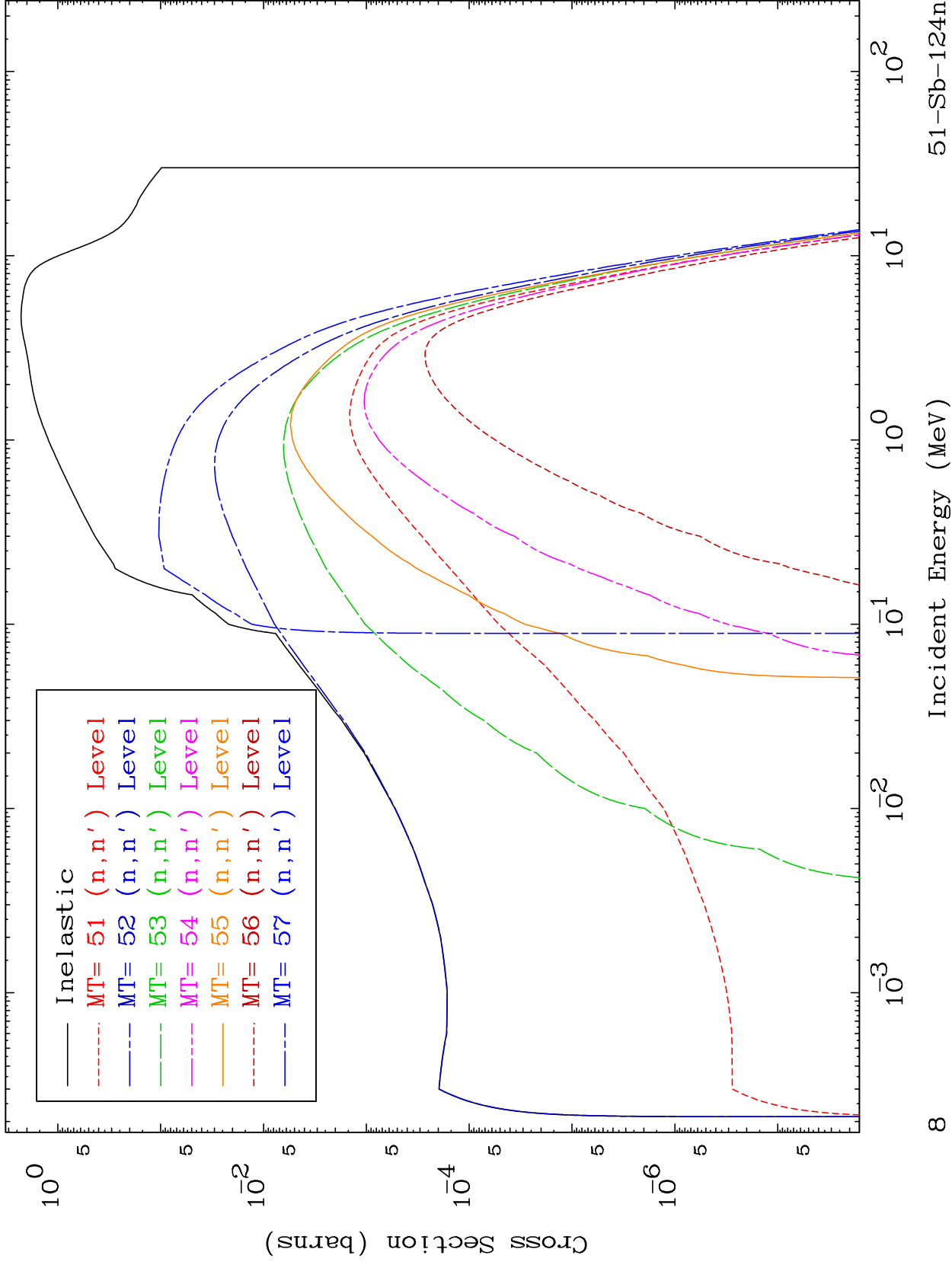




MAT 5136

(n,n') Levels  
293 Kelvin Cross Sections

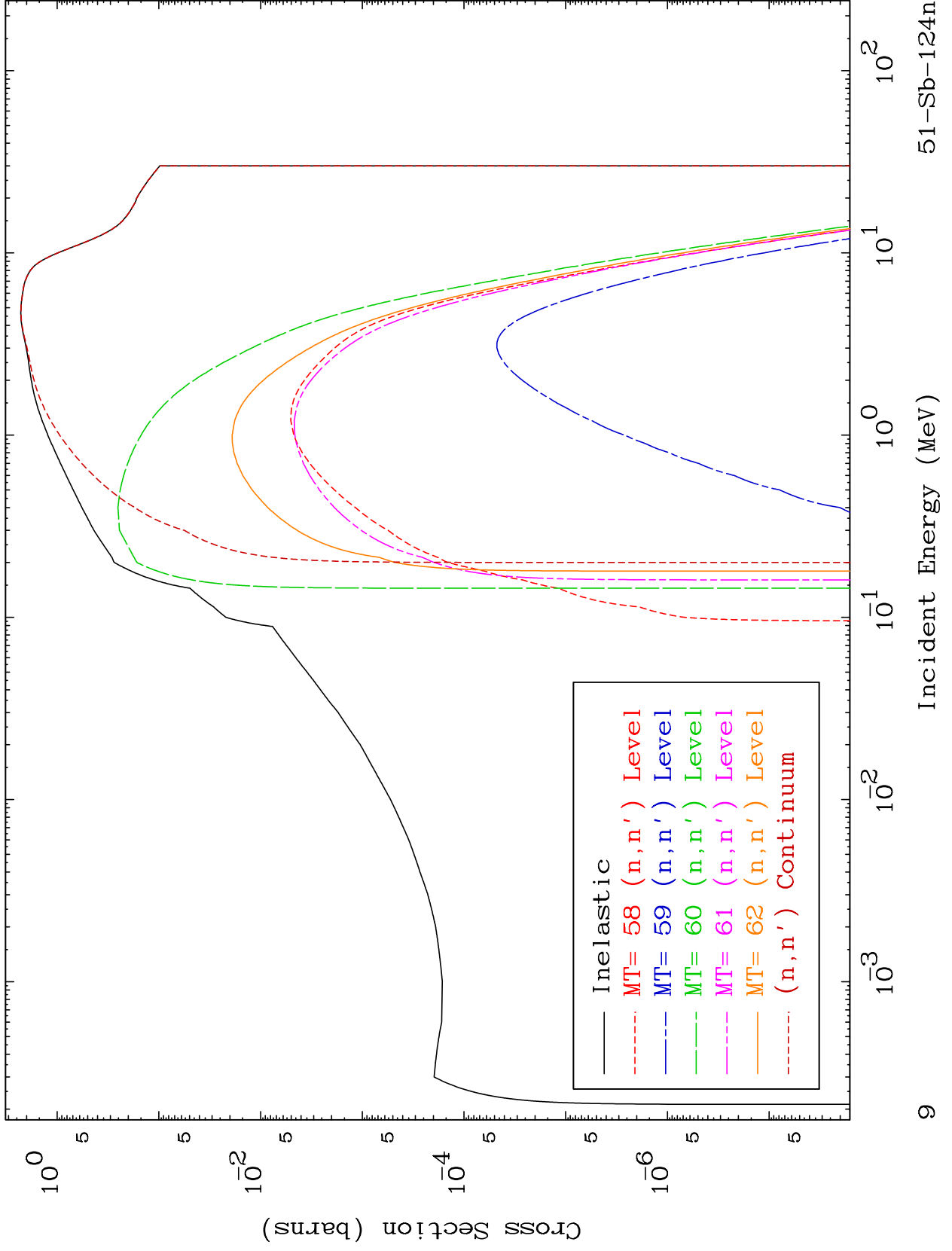
51-Sb-124n



MAT 5136

(n,n') Levels  
293 Kelvin Cross Sections

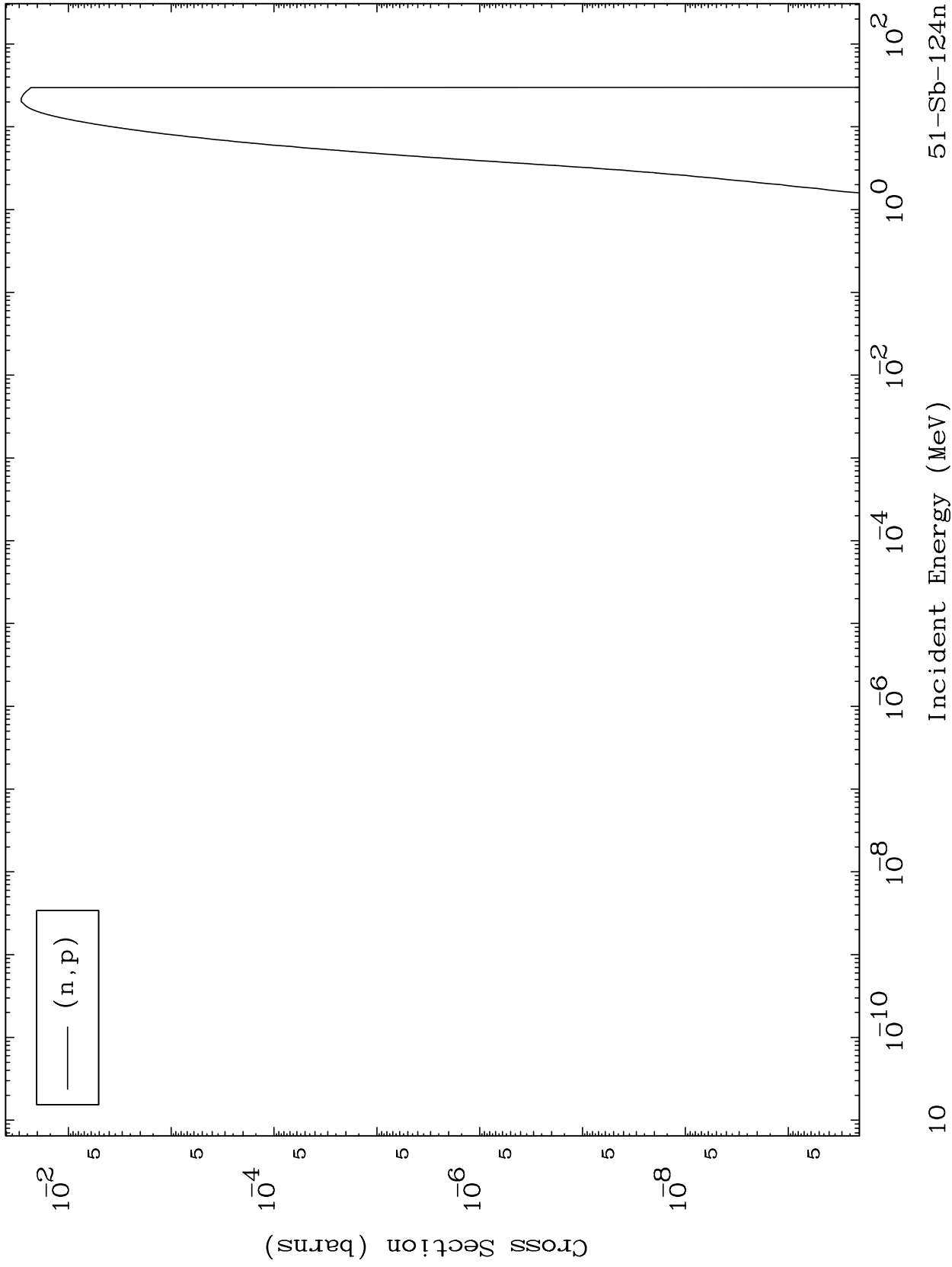
51-Sb-124n



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(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-124n



10

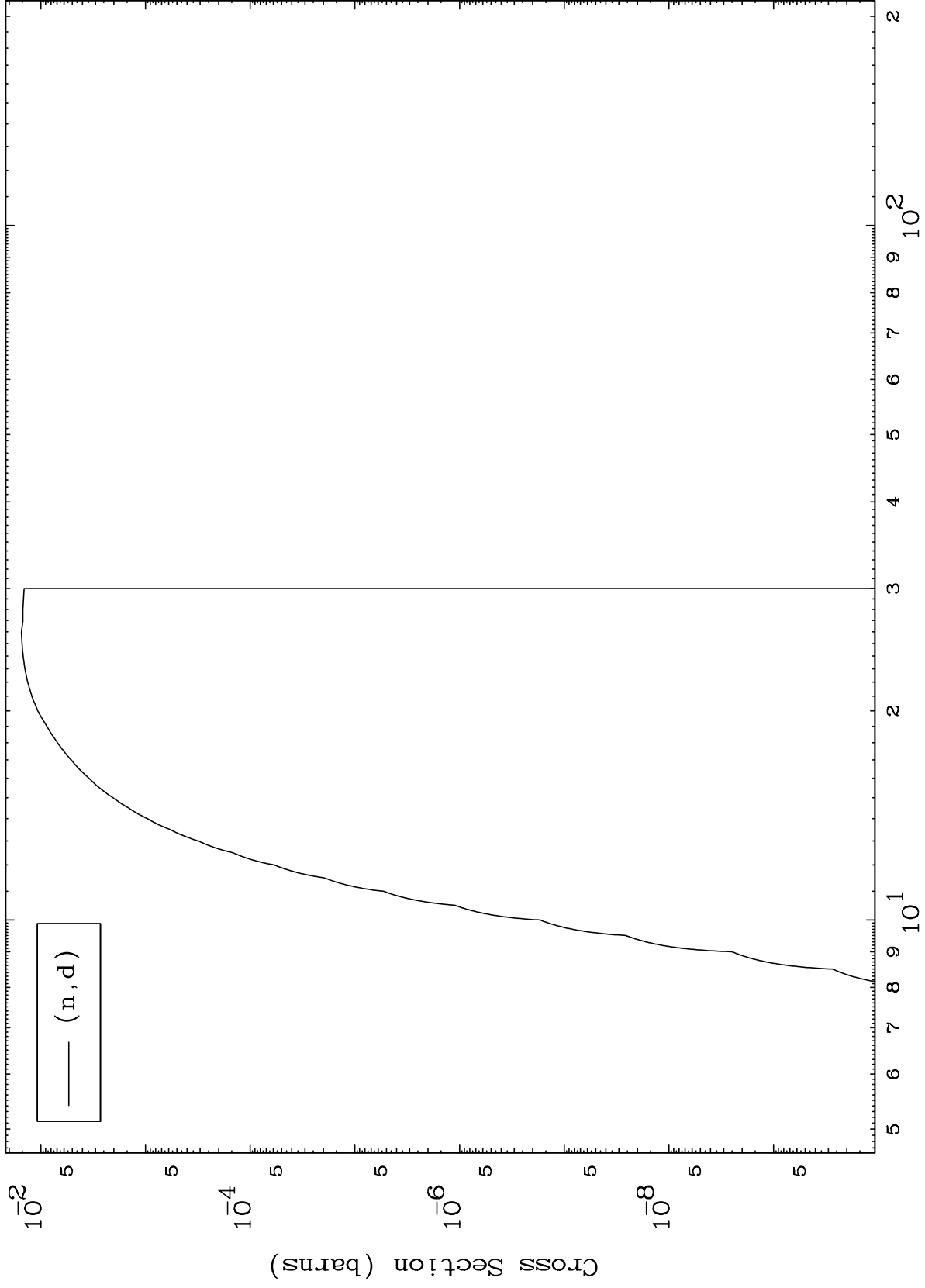
Incident Energy (MeV)

51-Sb-124n

MAT 5136

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-124n



11

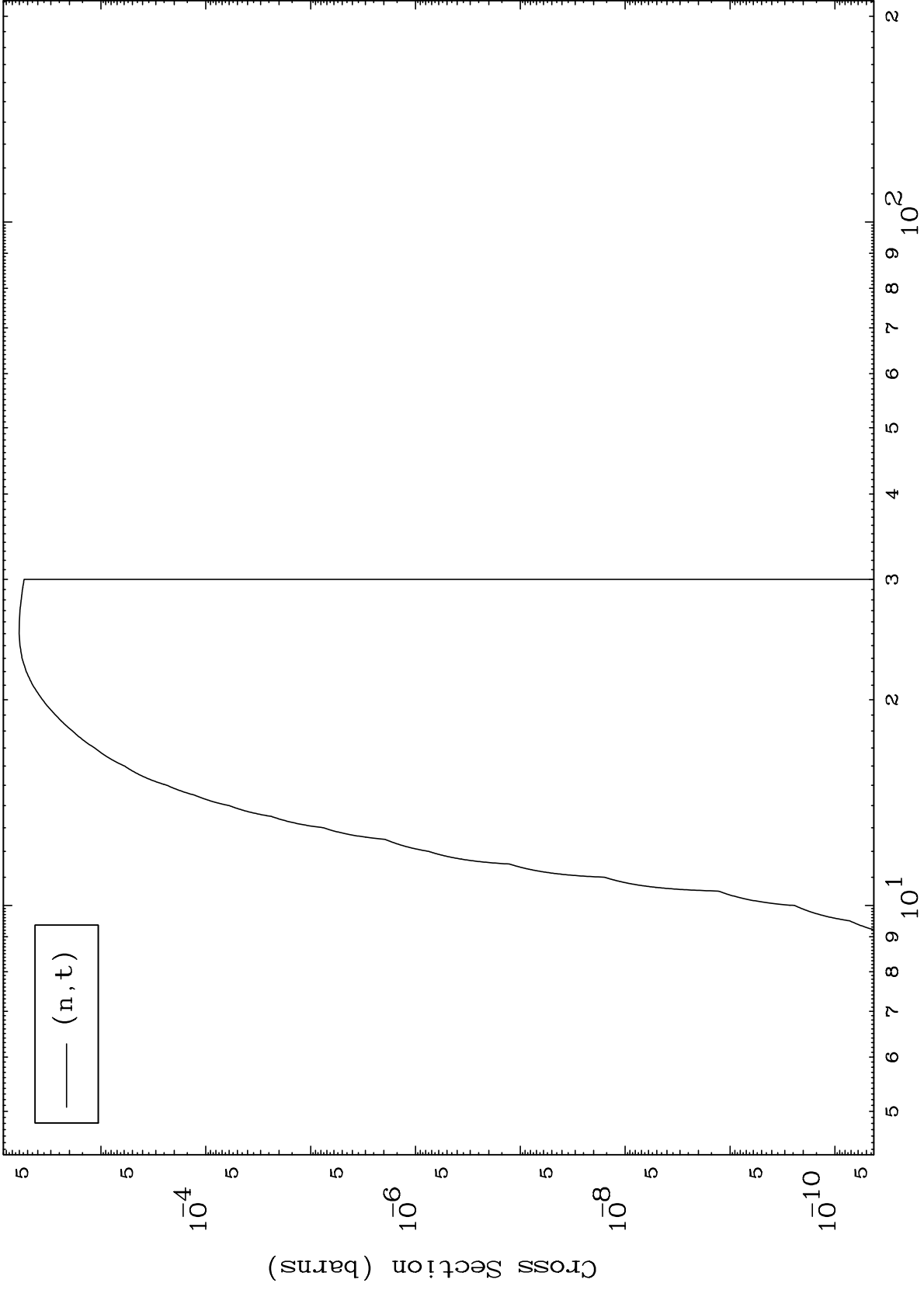
Incident Energy (MeV)

51-Sb-124n

MAT 5136

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-124n



12

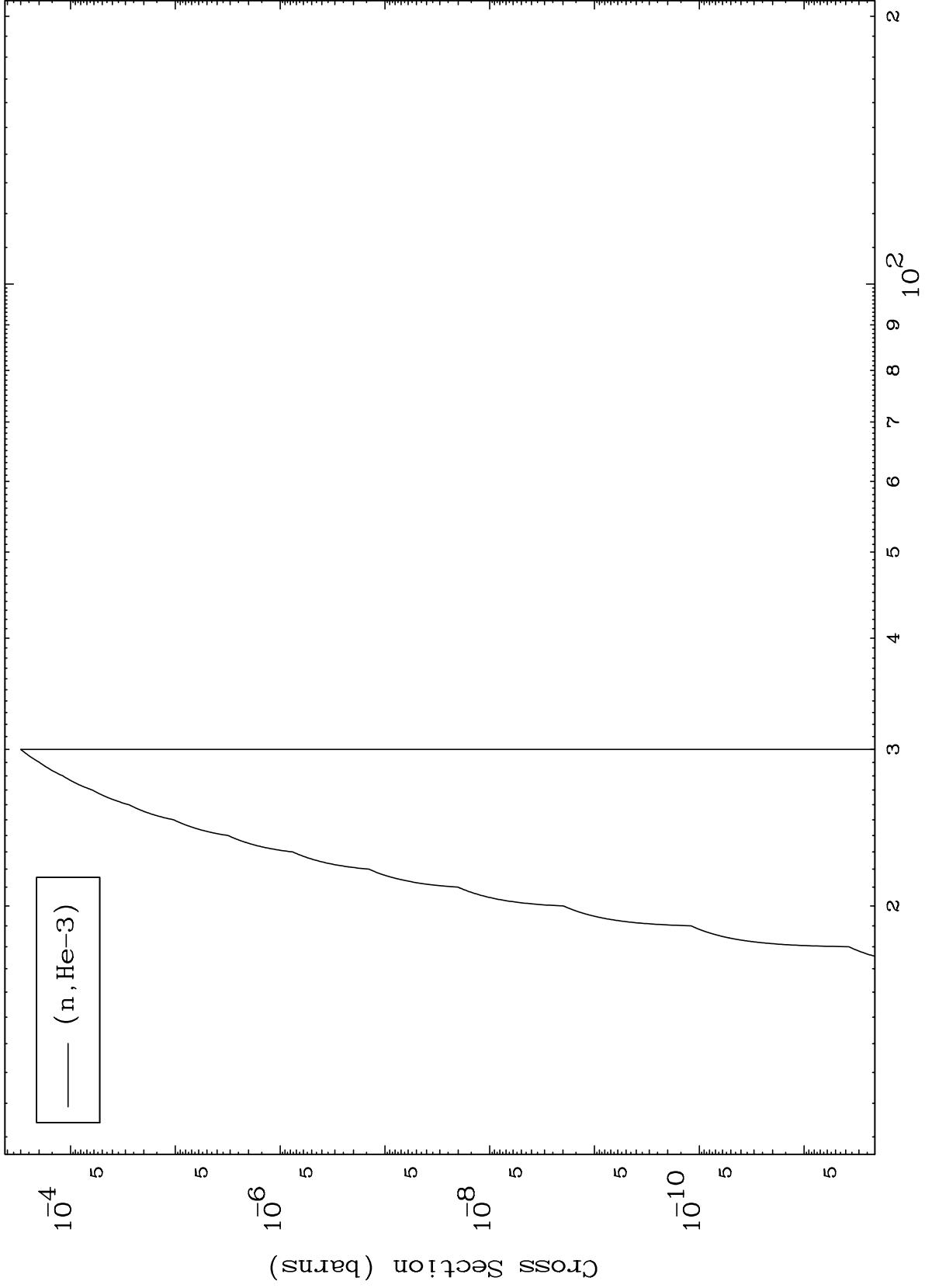
Incident Energy (MeV)

51-Sb-124n

MAT 5136

(n,He3) Levels  
293 Kelvin Cross Sections

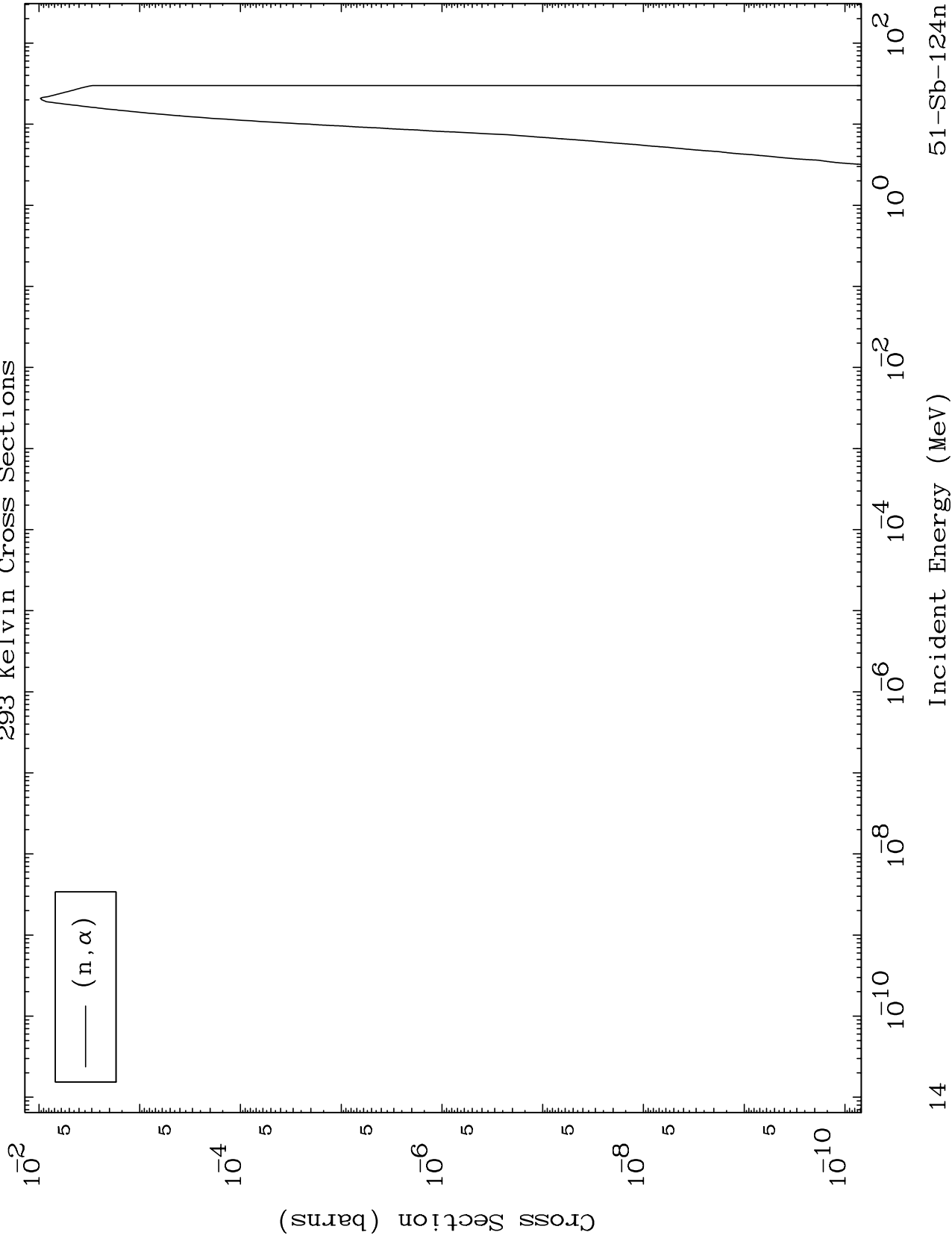
51-Sb-124n



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(n,α) Levels  
293 Kelvin Cross Sections

51-Sb-124n



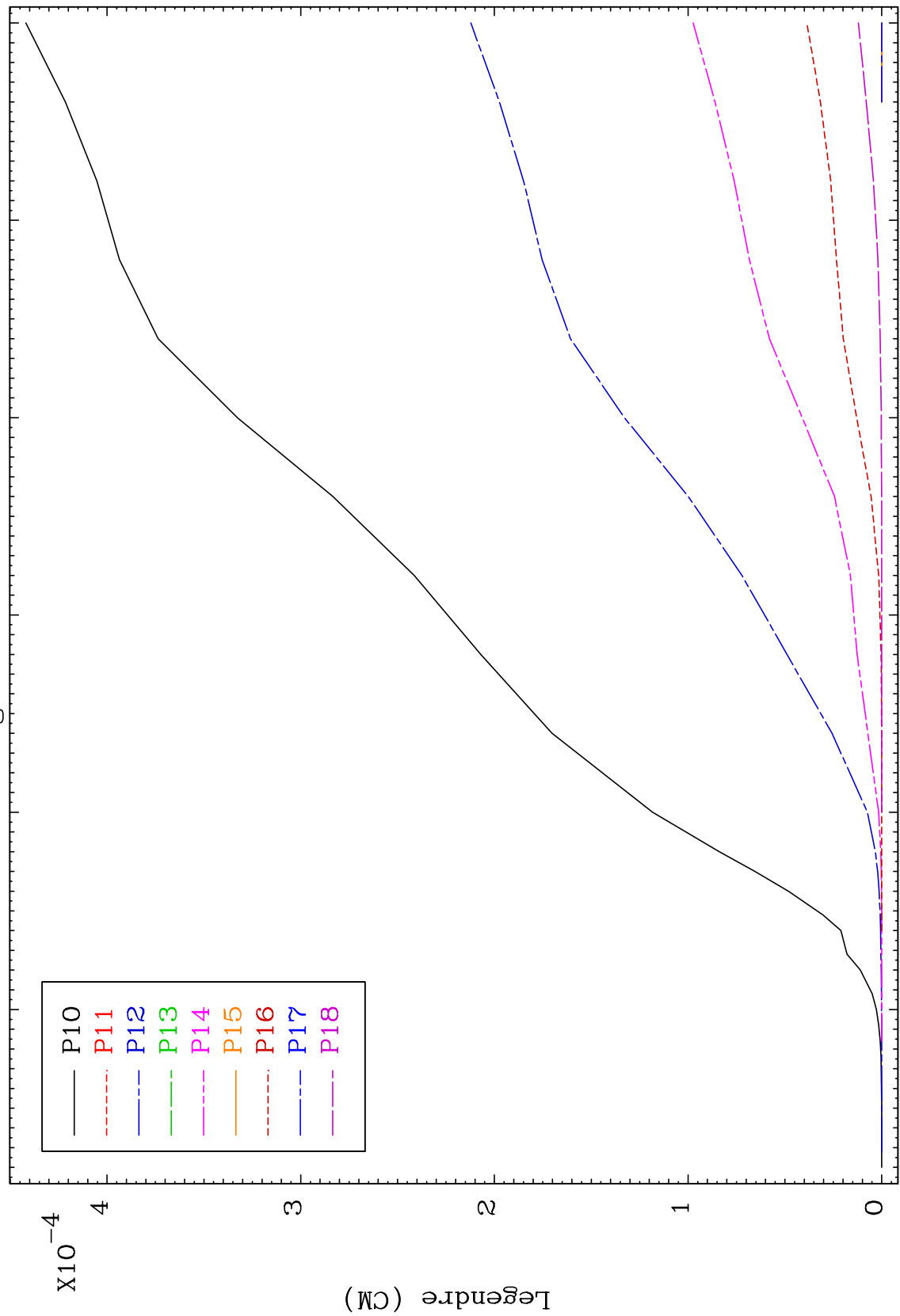




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Elastic Legendre Coefficients

51-Sb-124n



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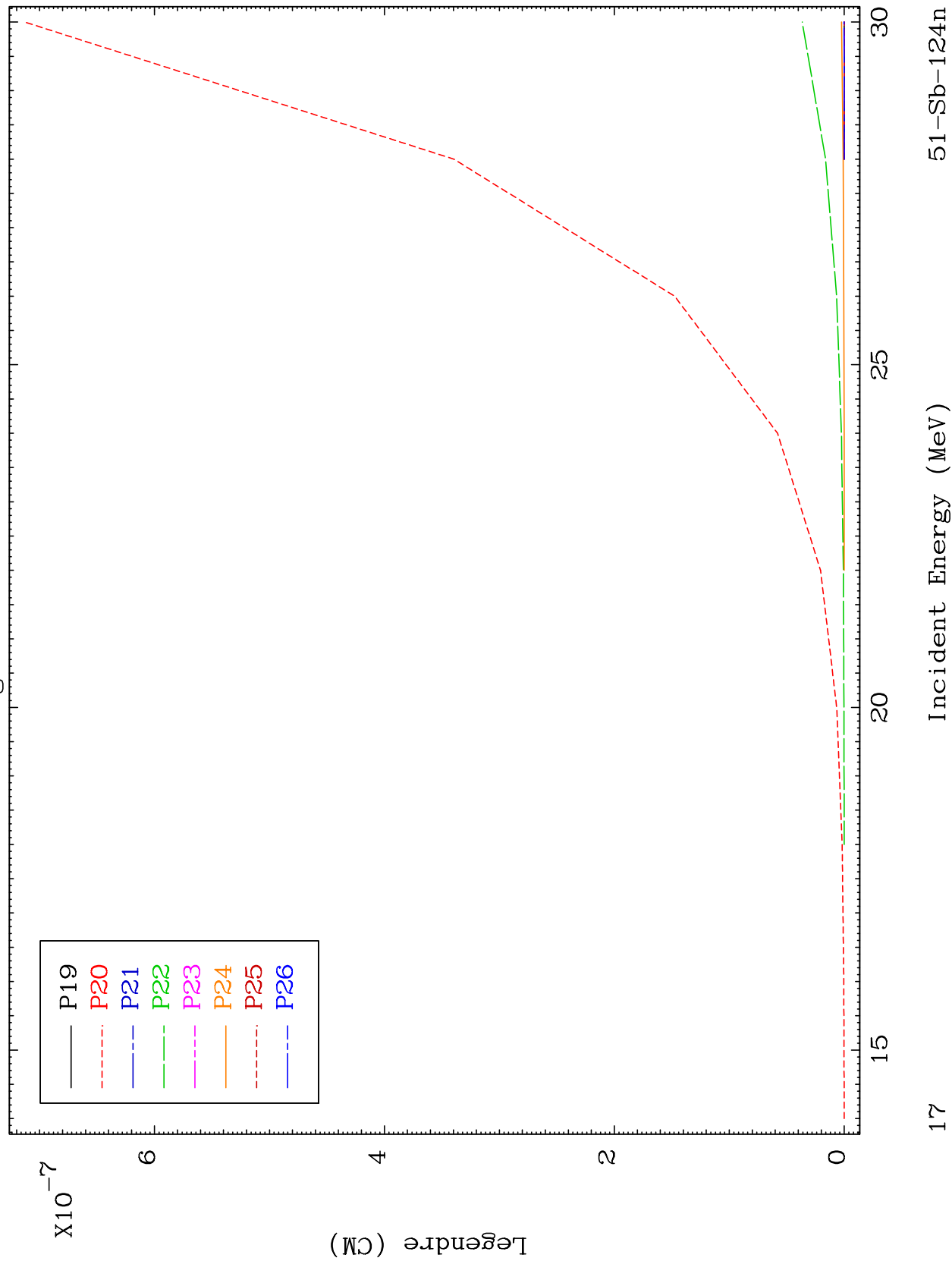
Incident Energy (MeV)

51-Sb-124n

MAT 5136

Elastic Legendre Coefficients

51-Sb-124n



17

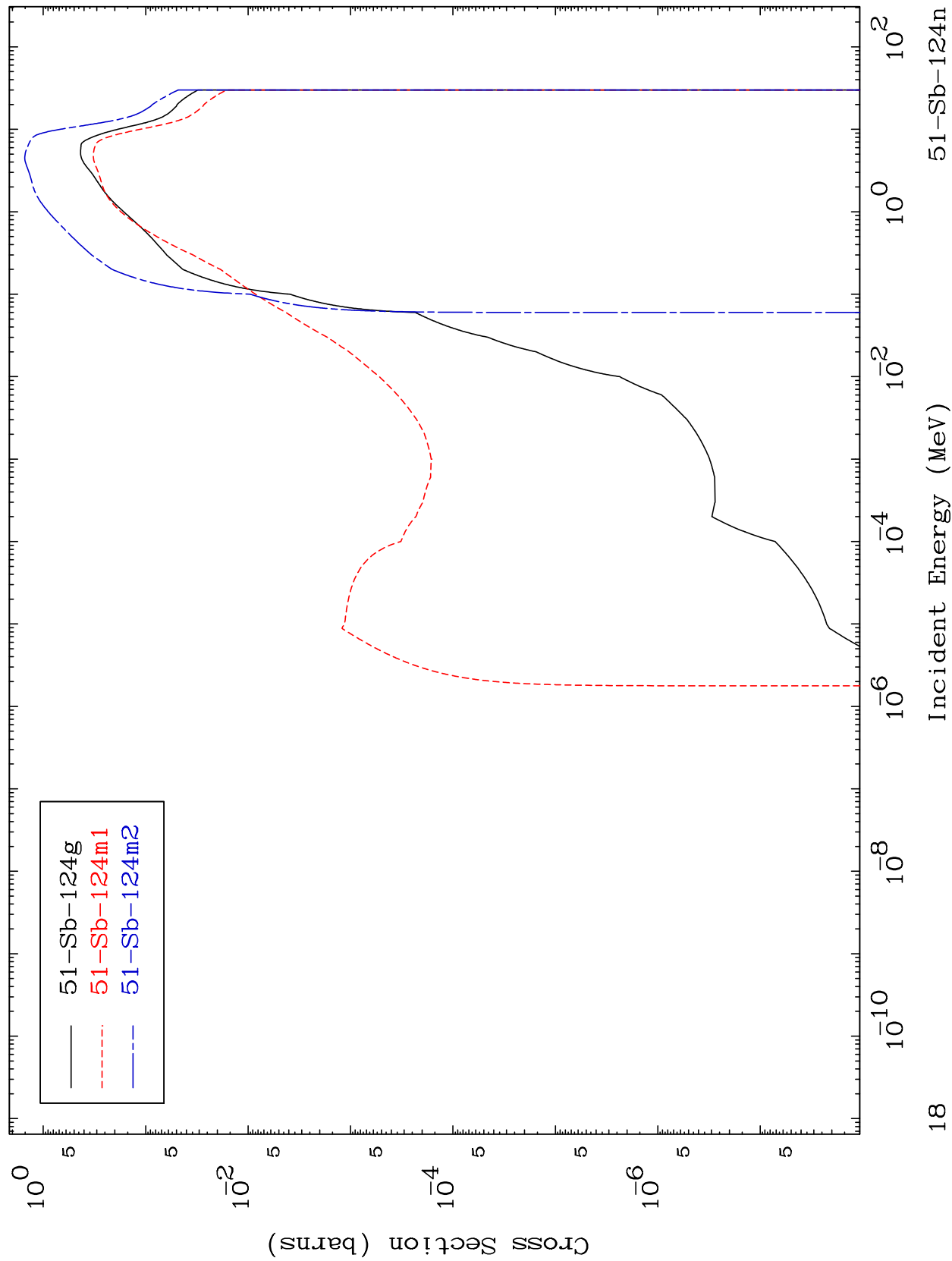
Incident Energy (MeV)

51-Sb-124n

MAT 5136

51-Sb-124n

Inelastic  
Radionuclide Production Cross Section



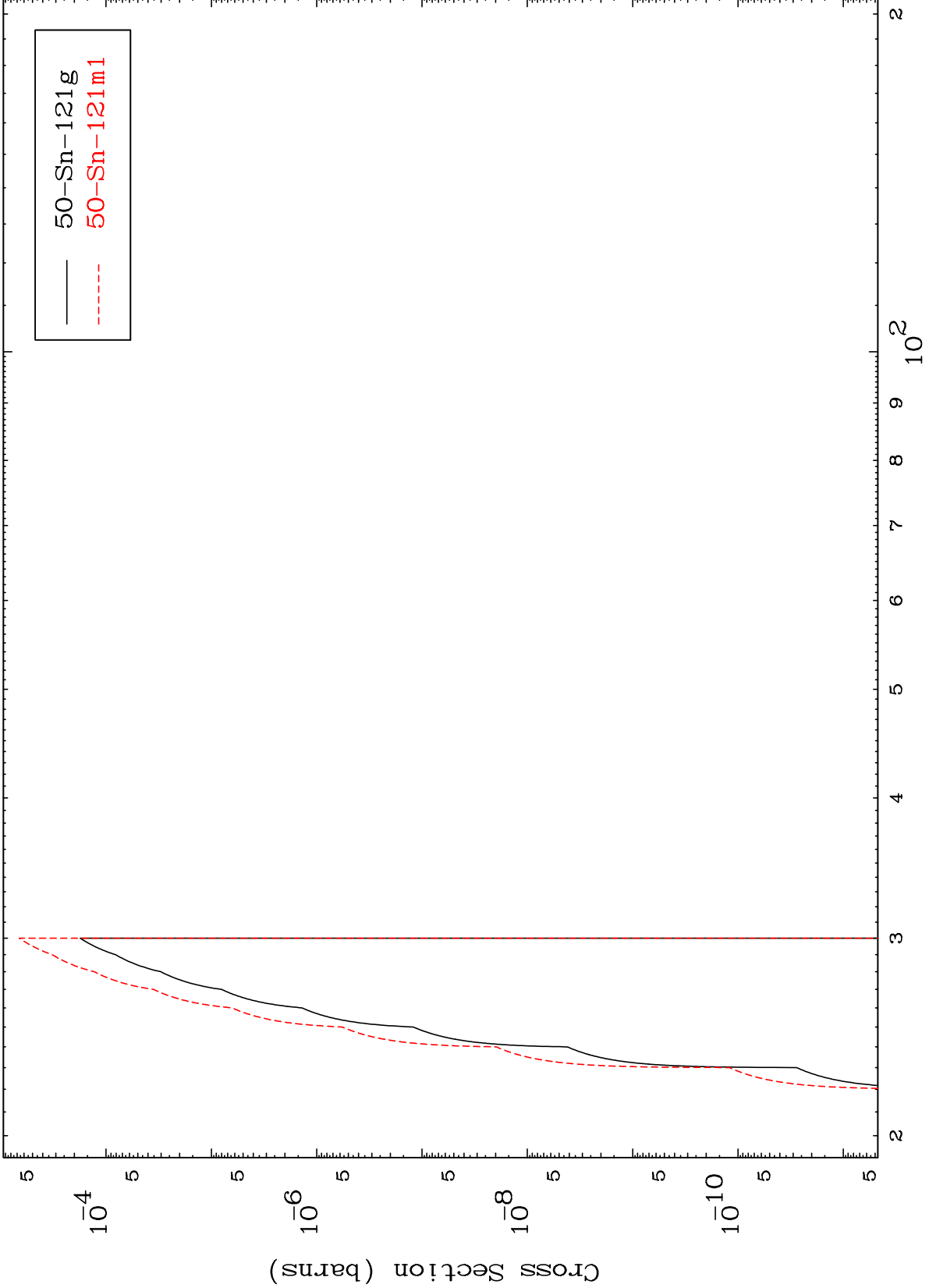
51-Sb-124g  
51-Sb-124m1  
51-Sb-124m2

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(n,2n) d

51-Sb-124n

Radionuclide Production Cross Section



19

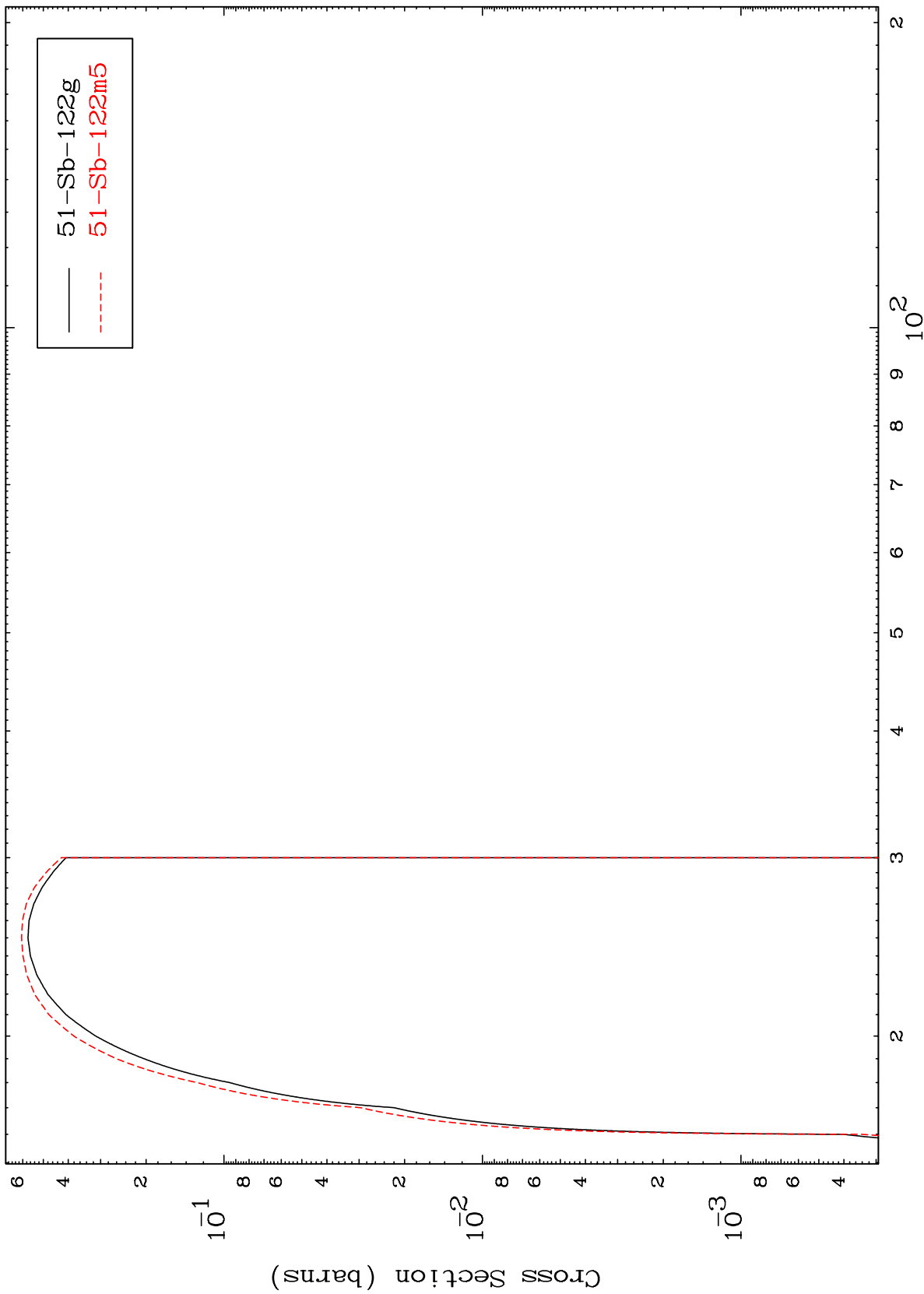
Incident Energy (MeV)

51-Sb-124n

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51-Sb-124n

(n,3n)  
Radionuclide Production Cross Section



51-Sb-124n

Incident Energy (MeV)

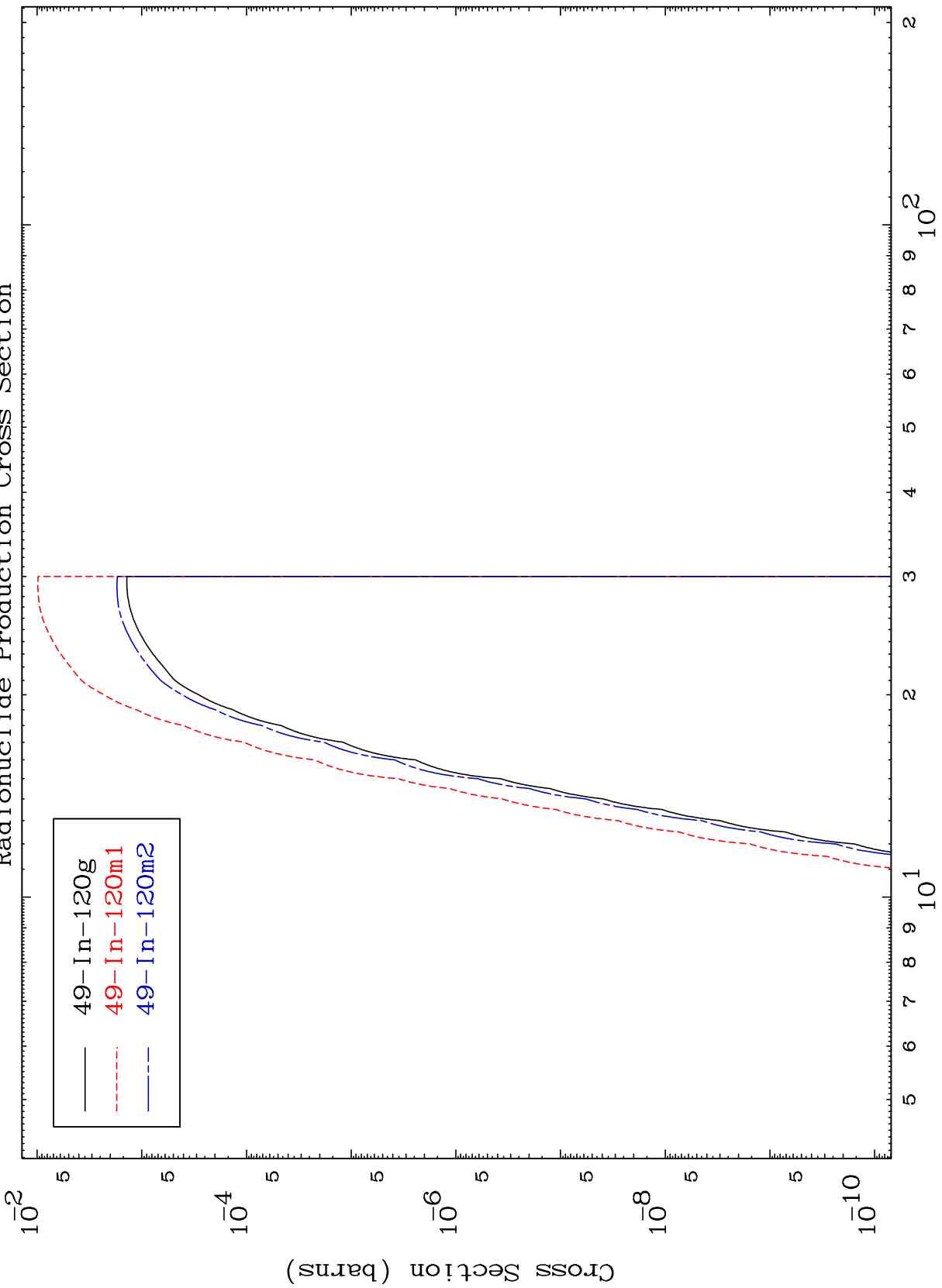
20

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51-Sb-124n

(n,n')  $\alpha$

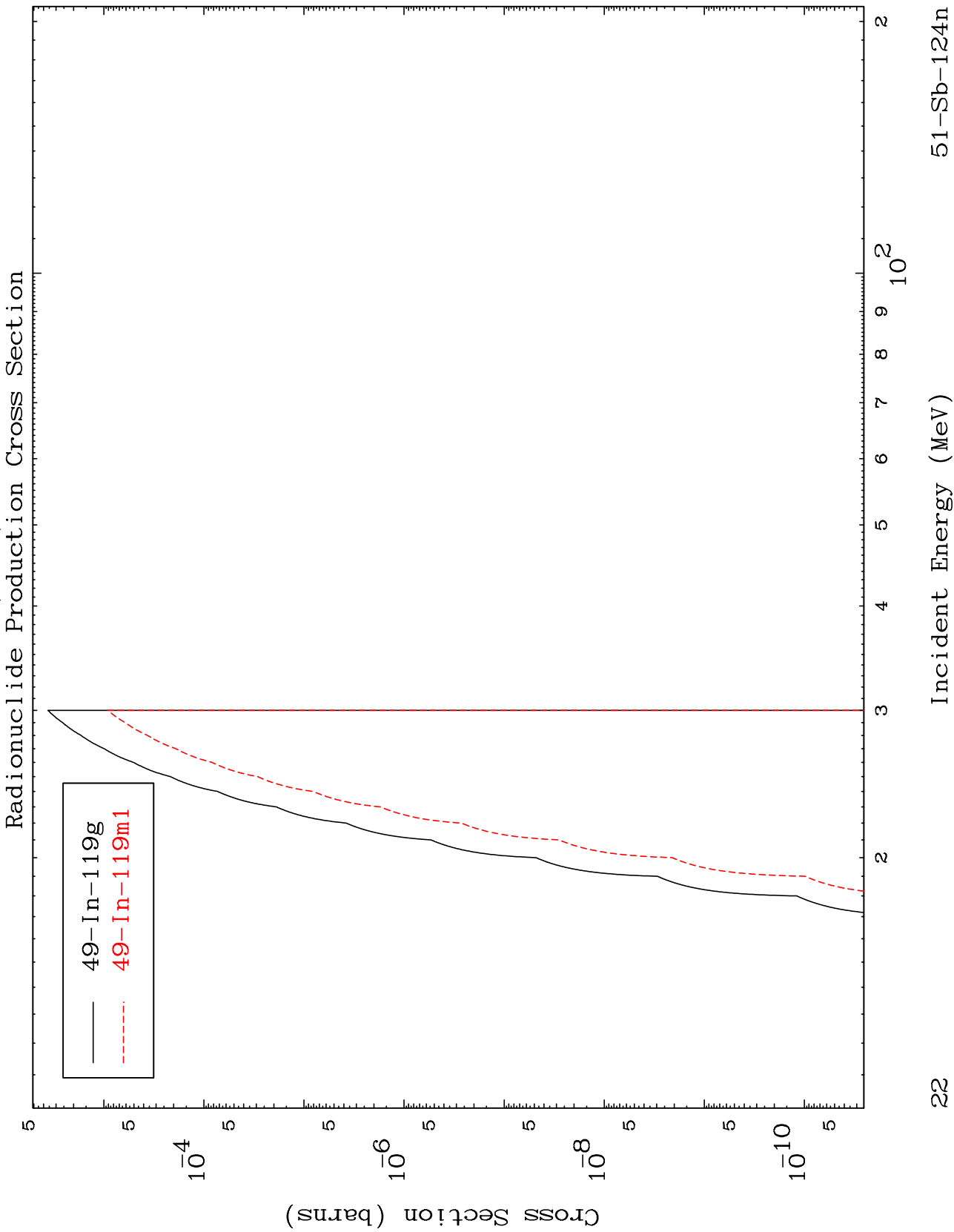
Radionuclide Production Cross Section



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(n,2n)  $\alpha$

51-Sb-124n

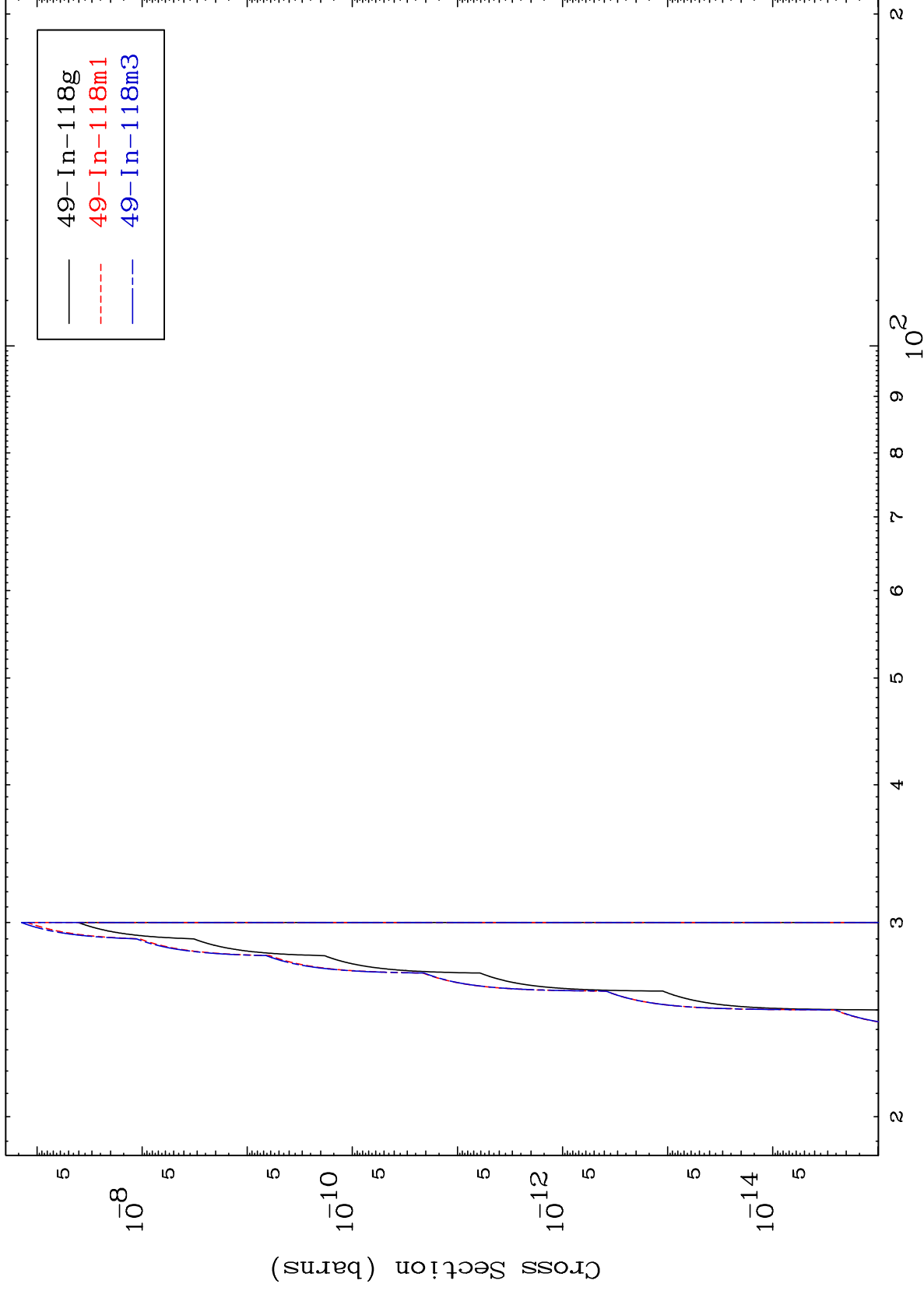


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(n,3n)  $\alpha$

51-Sb-124n

Radionuclide Production Cross Section



23

Incident Energy (MeV)

51-Sb-124n

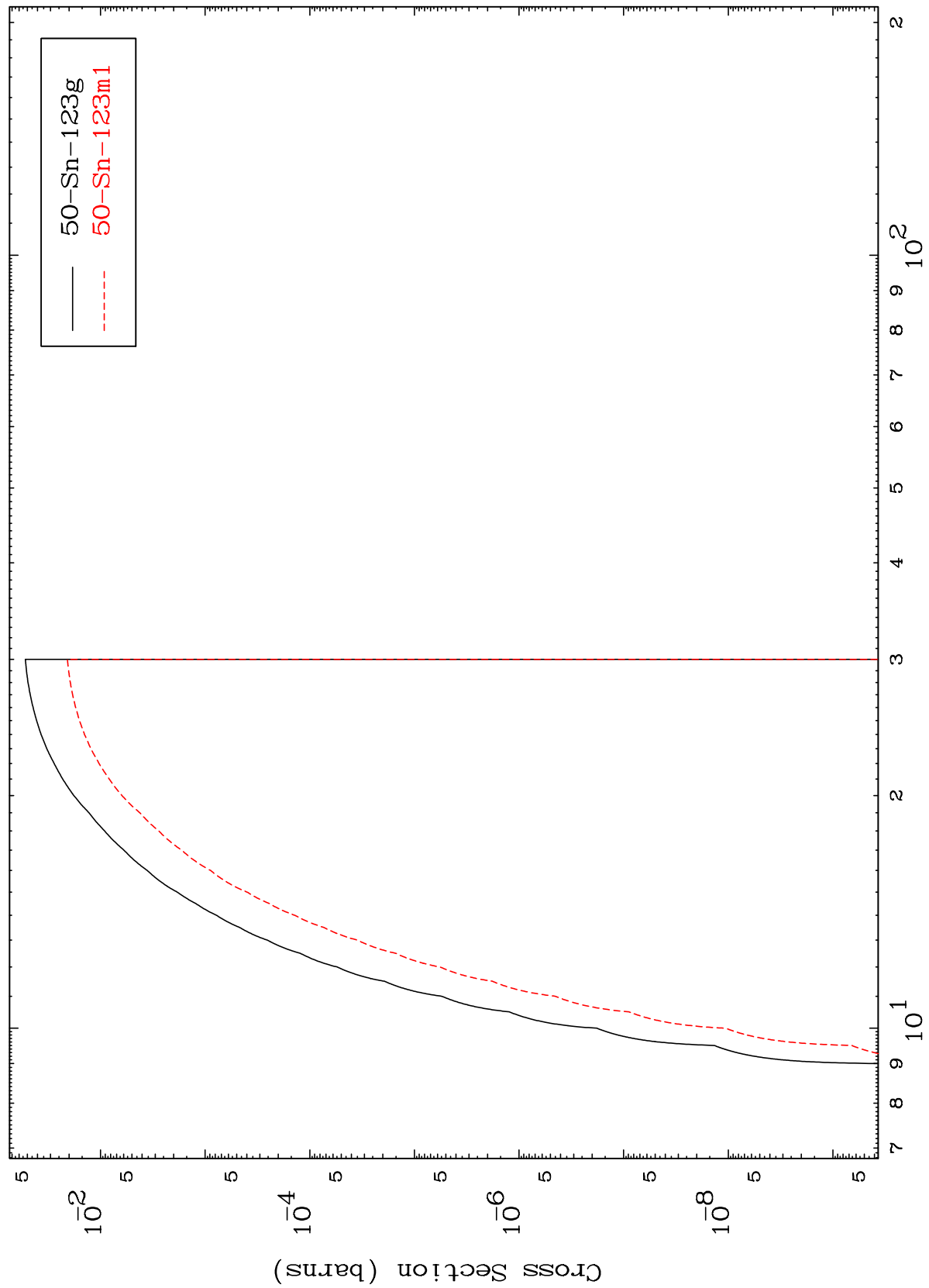


MAT 5136

(n,n') p

51-Sb-124n

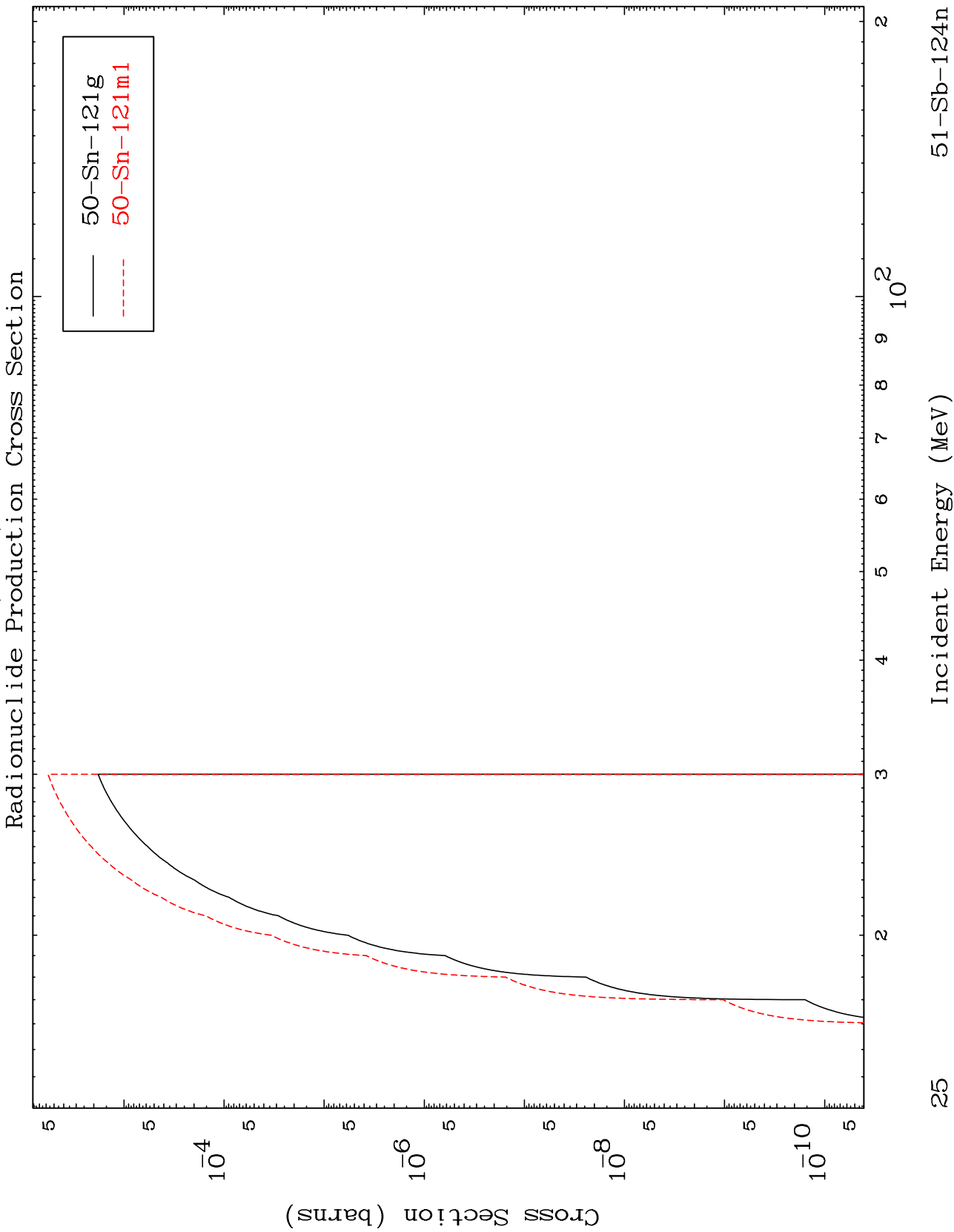
Radionuclide Production Cross Section



24

Incident Energy (MeV)

51-Sb-124n

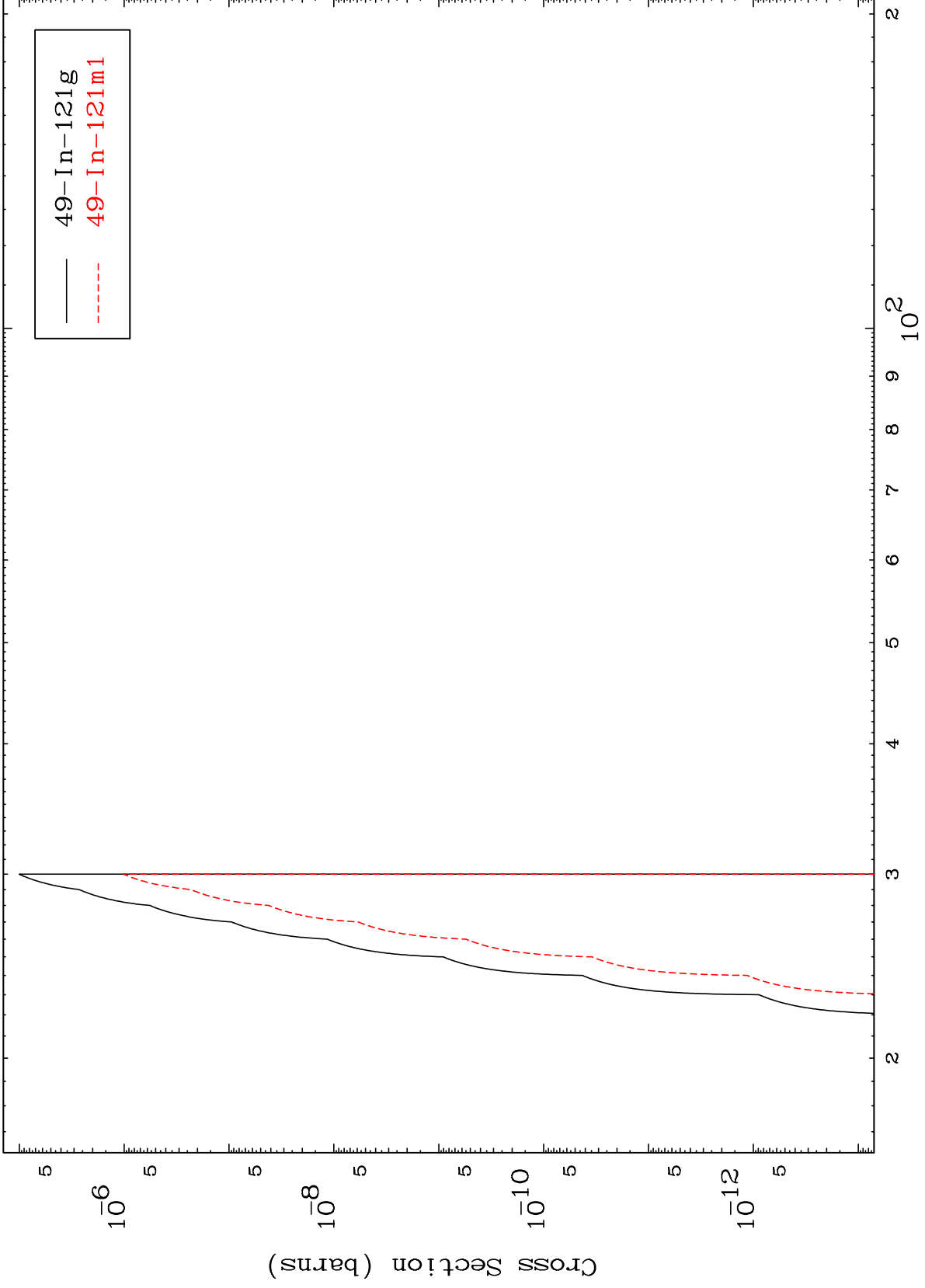


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(n,n') He-3

51-Sb-124n

Radionuclide Production Cross Section



26

Incident Energy (MeV)

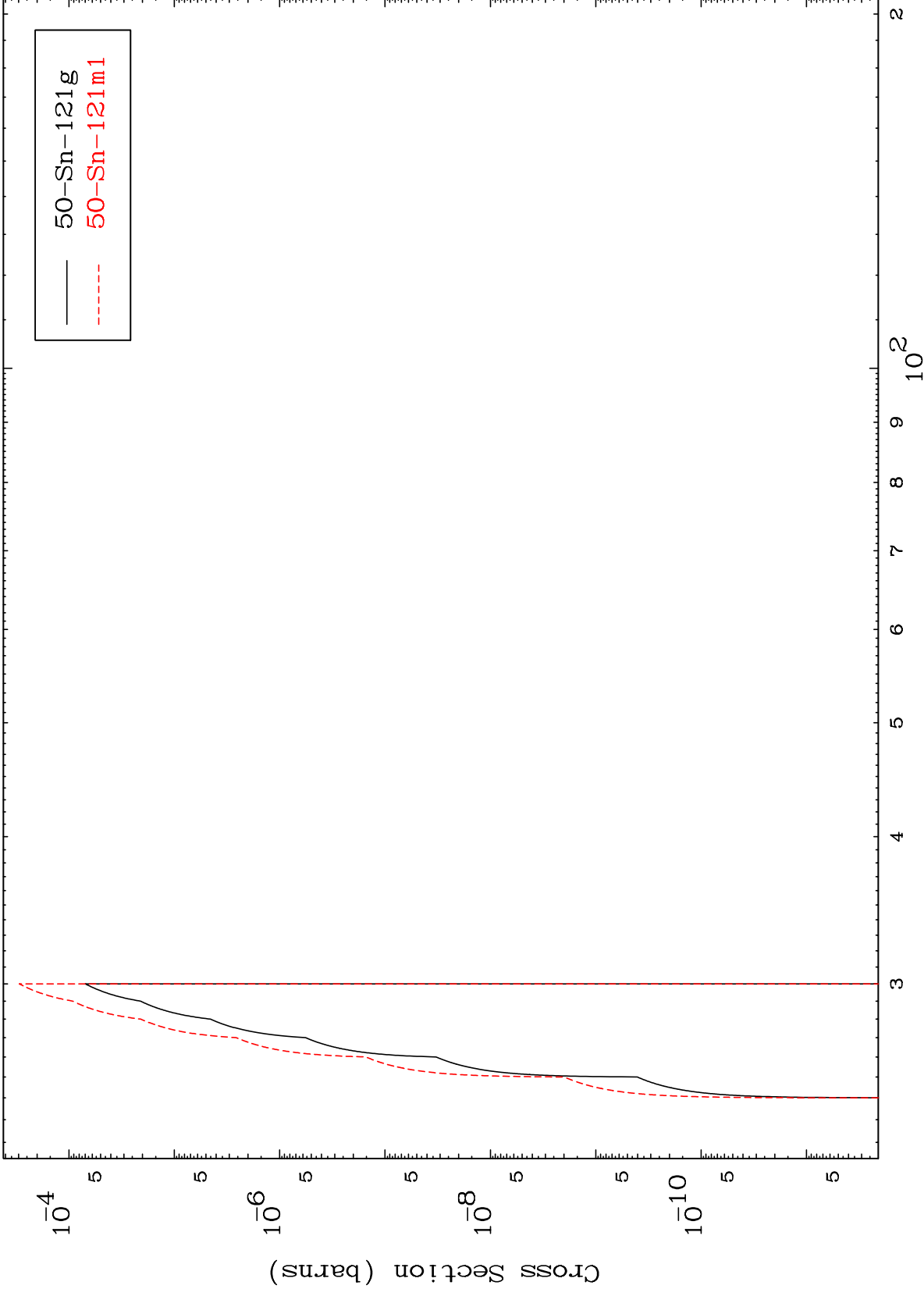
51-Sb-124n

MAT 5136

(n,3n) p

51-Sb-124n

Radionuclide Production Cross Section



27

Incident Energy (MeV)

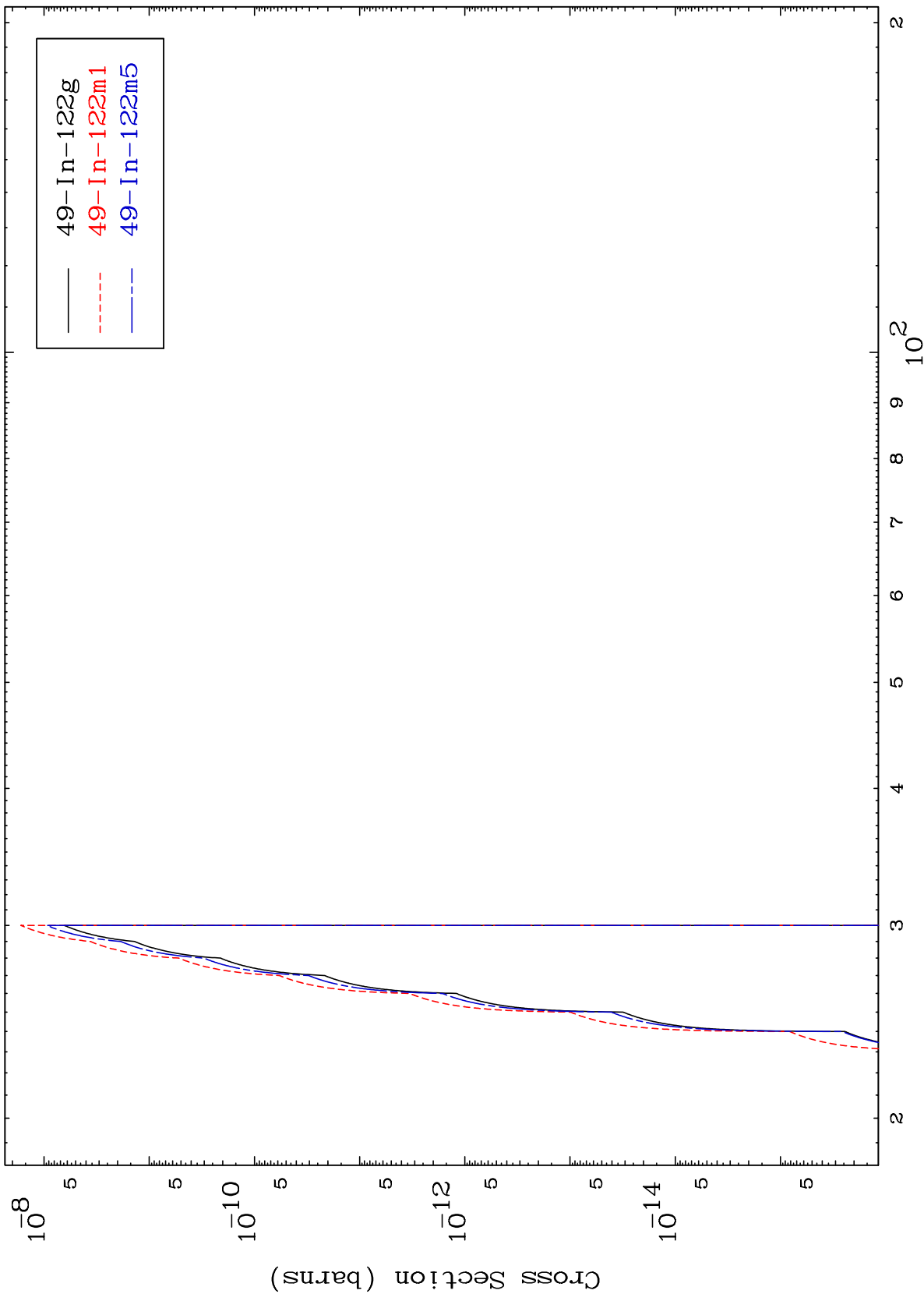
51-Sb-124n

MAT 5136

(n,2n) p

51-Sb-124n

Radionuclide Production Cross Section

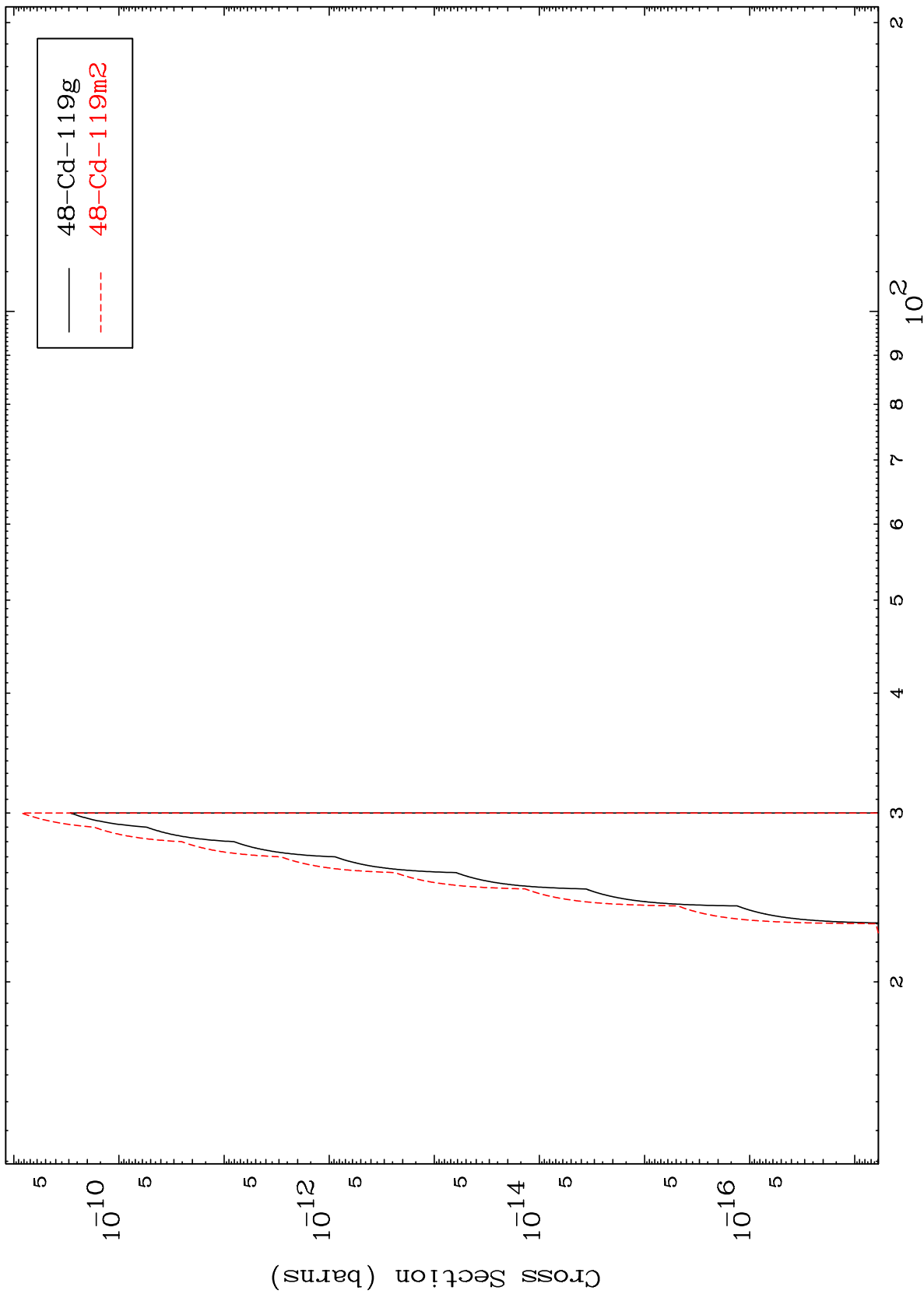


28

Incident Energy (MeV)

51-Sb-124n

Radionuclide Production Cross Section

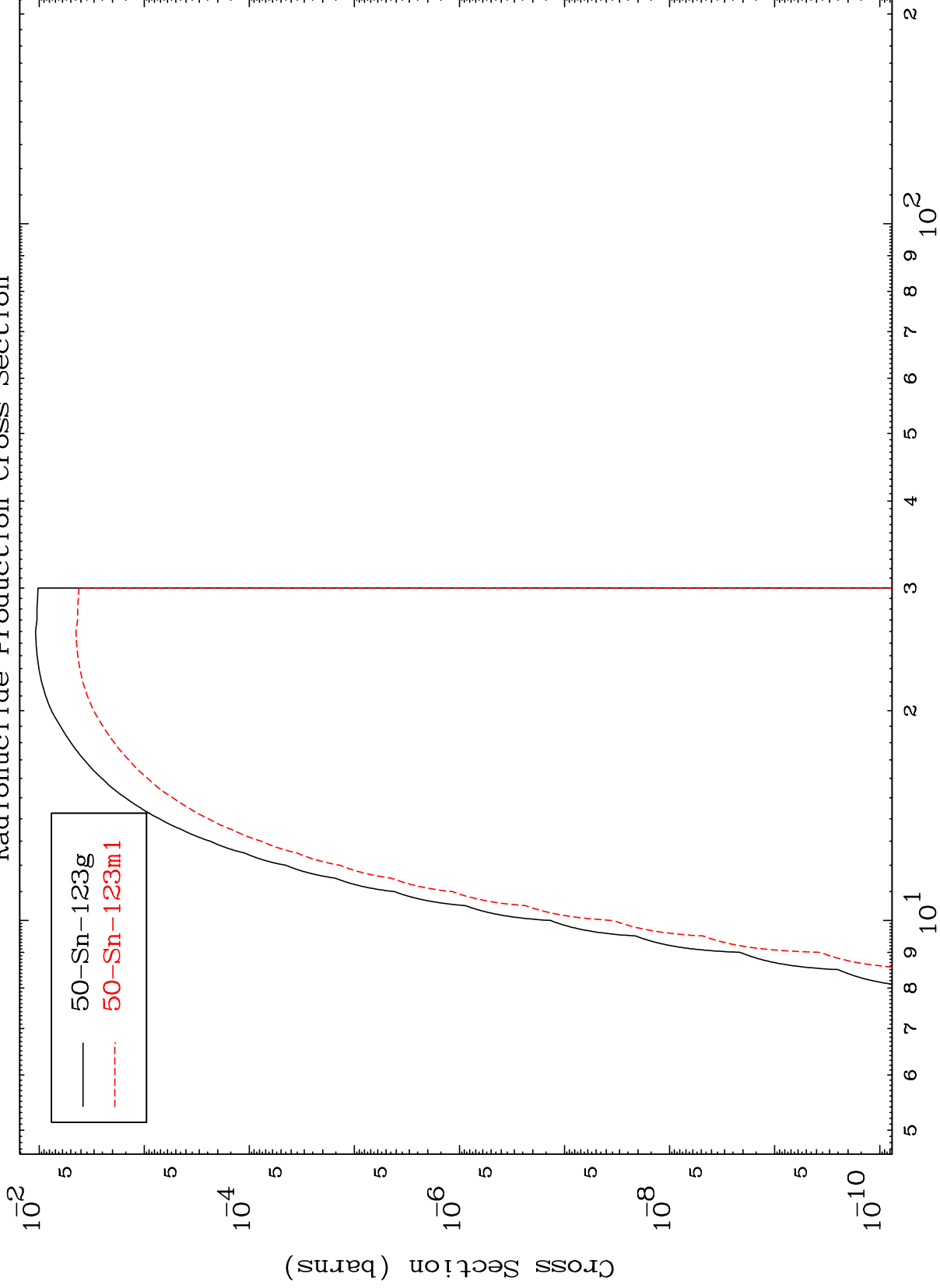


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(n,d)

51-Sb-124n

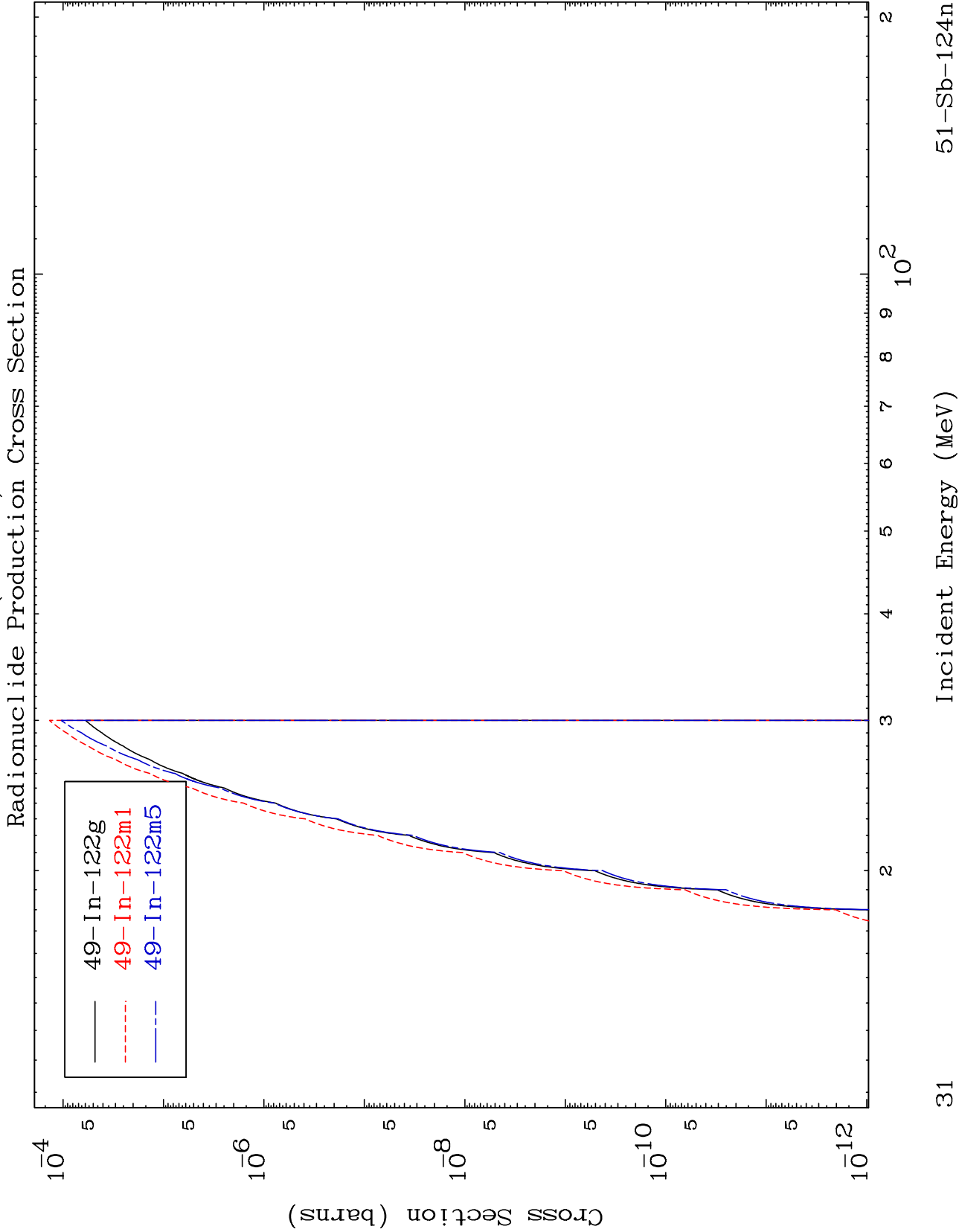
Radionuclide Production Cross Section



30

Incident Energy (MeV)

51-Sb-124n

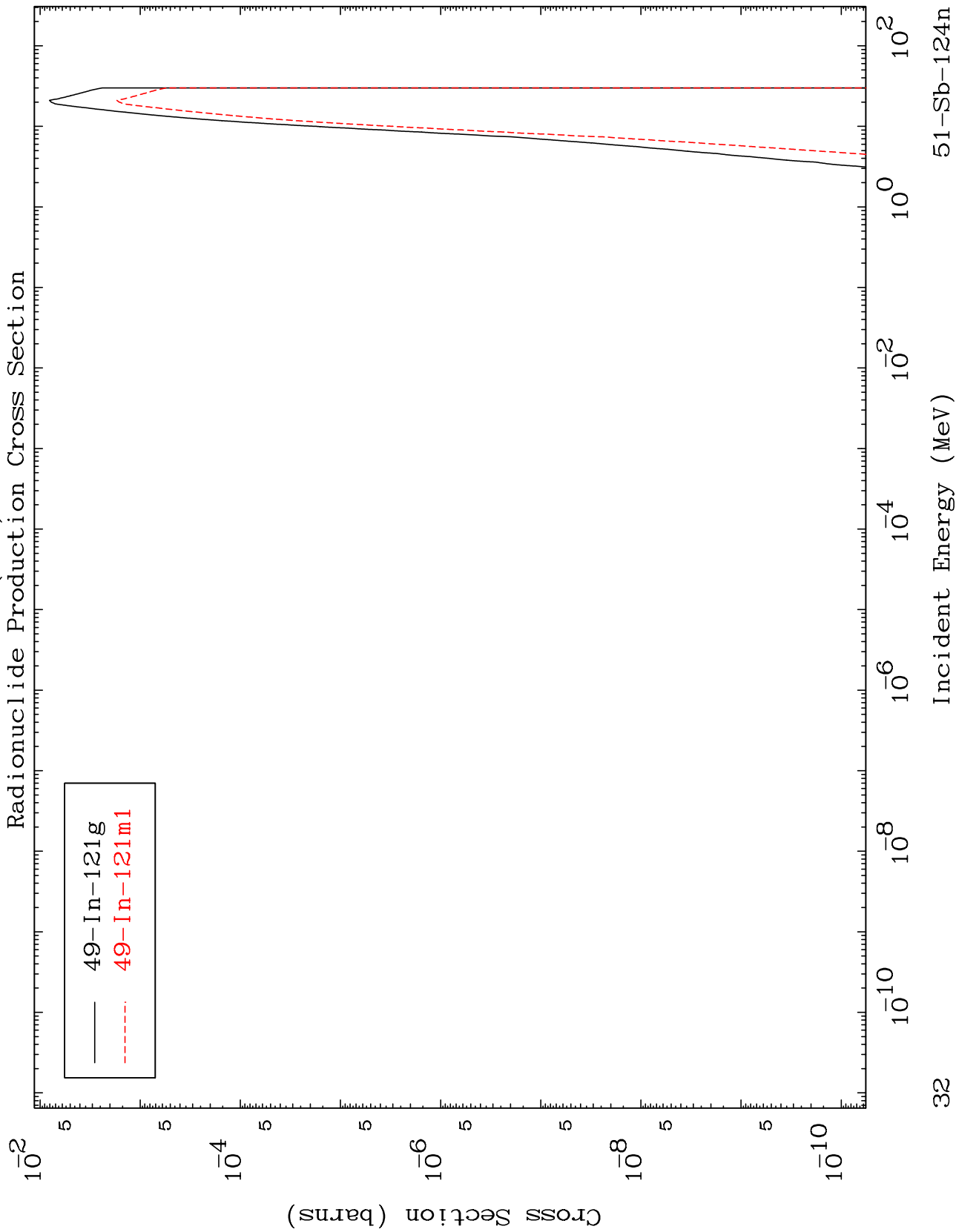




MAT 5136

51-Sb-124n

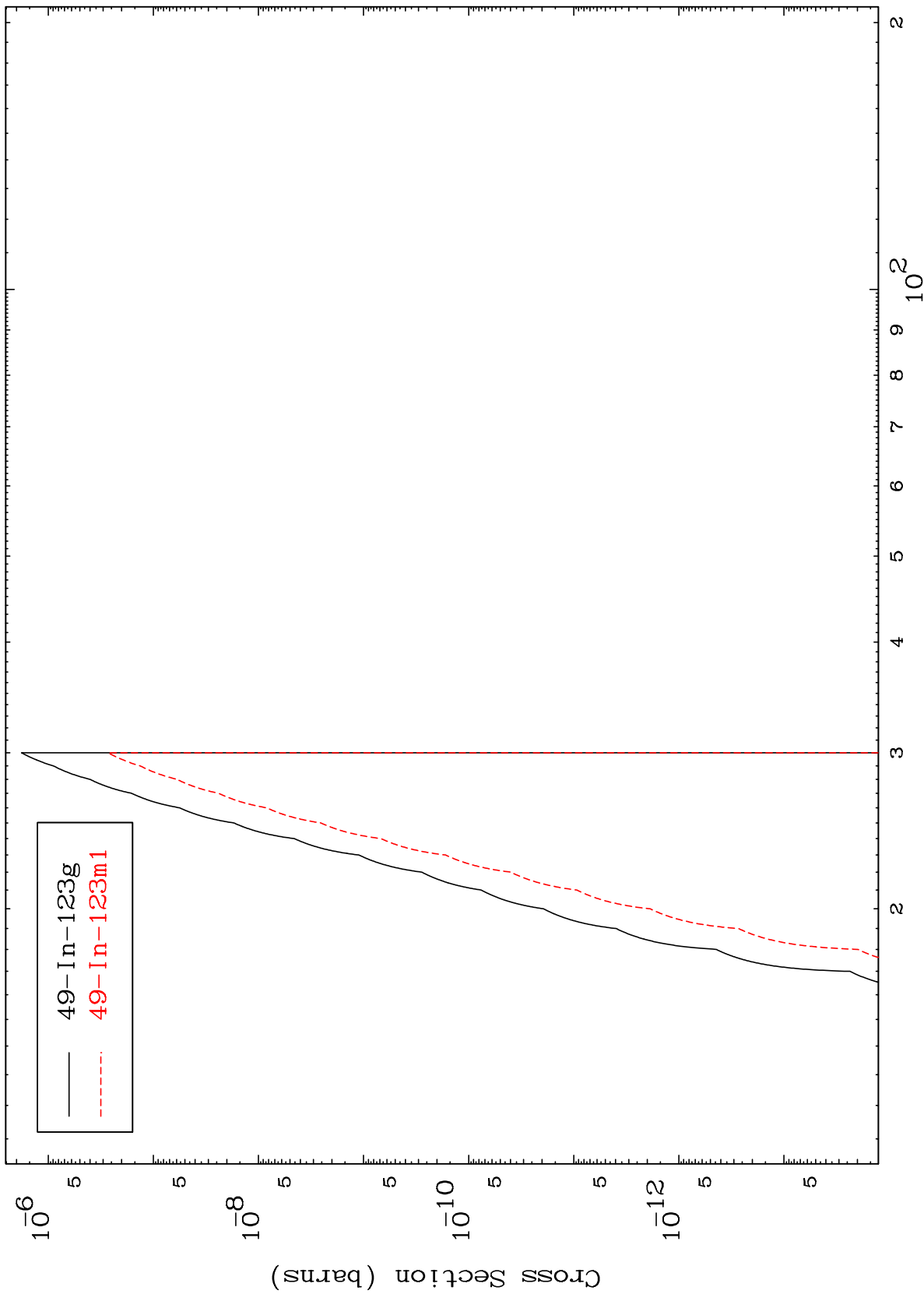
(n,  $\alpha$ )  
Radionuclide Production Cross Section



MAT 5136

51-Sb-124n

(n,2p)  
Radionuclide Production Cross Section



Incident Energy (MeV)

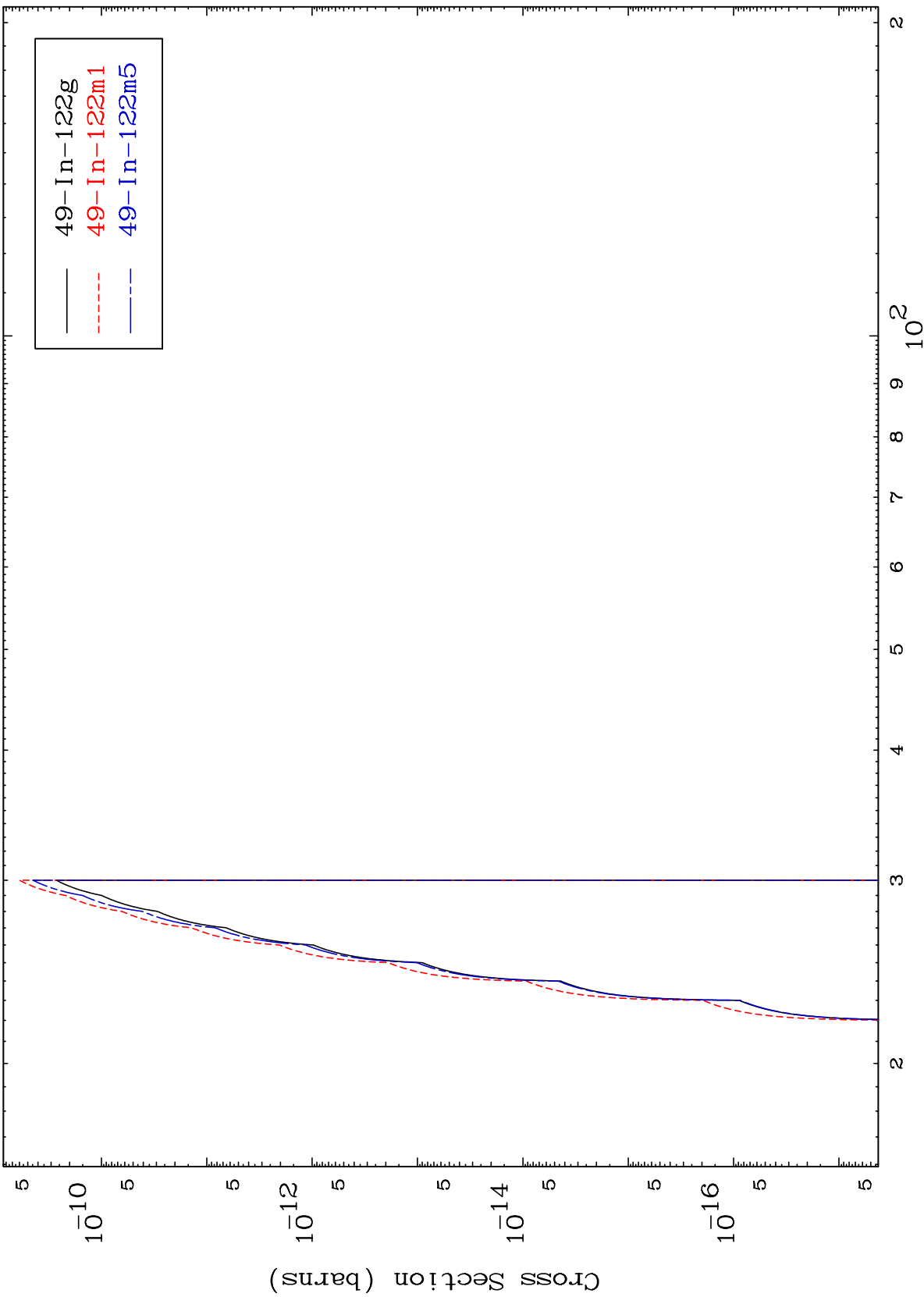
51-Sb-124n

MAT 5136

(n,p) d

51-Sb-124n

Radionuclide Production Cross Section



34

Incident Energy (MeV)

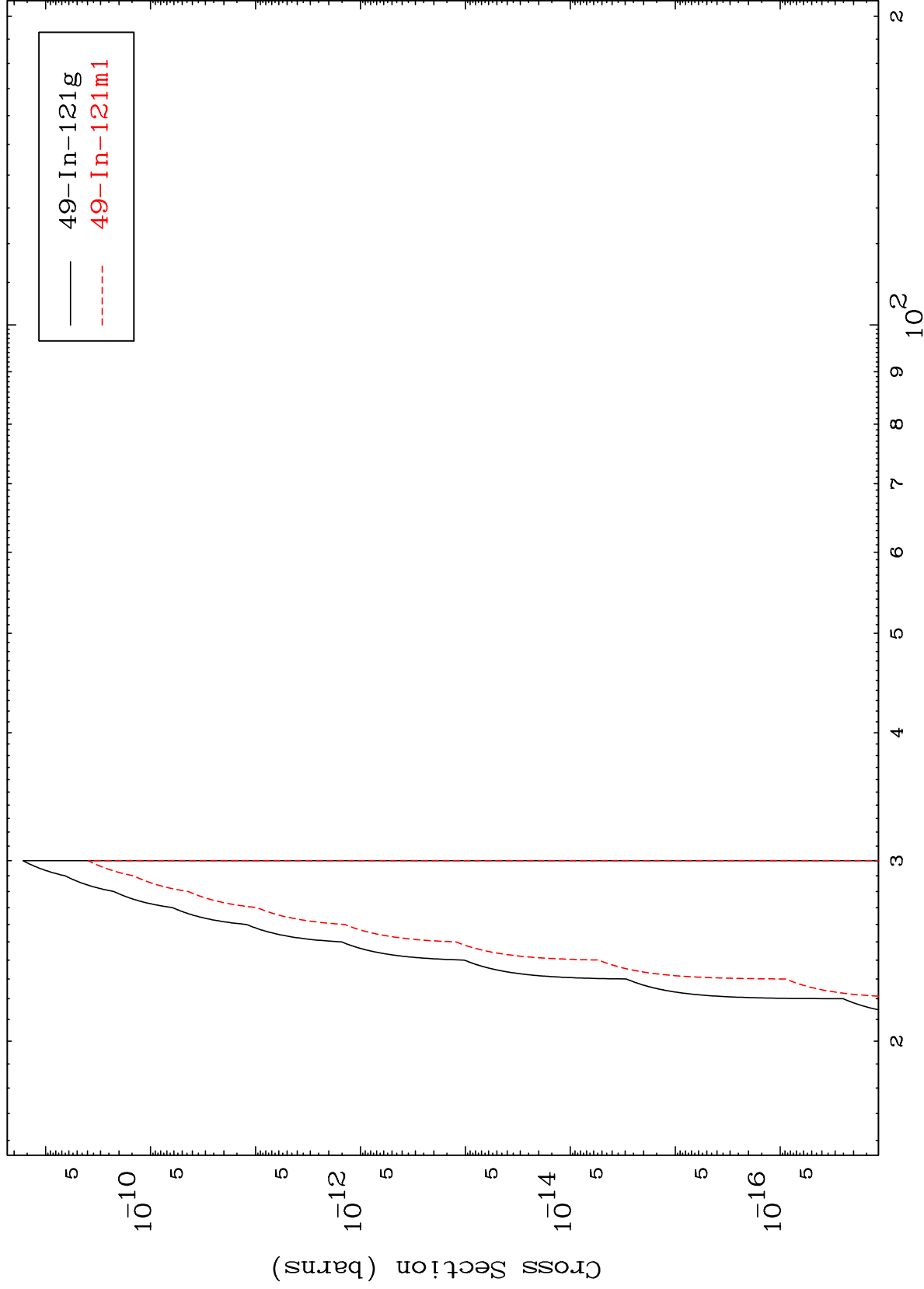
51-Sb-124n

MAT 5136

(n,p) t

51-Sb-124n

Radionuclide Production Cross Section



35

Incident Energy (MeV)

51-Sb-124n