

Program EVALPLOT  
(Version 2018-1)

by

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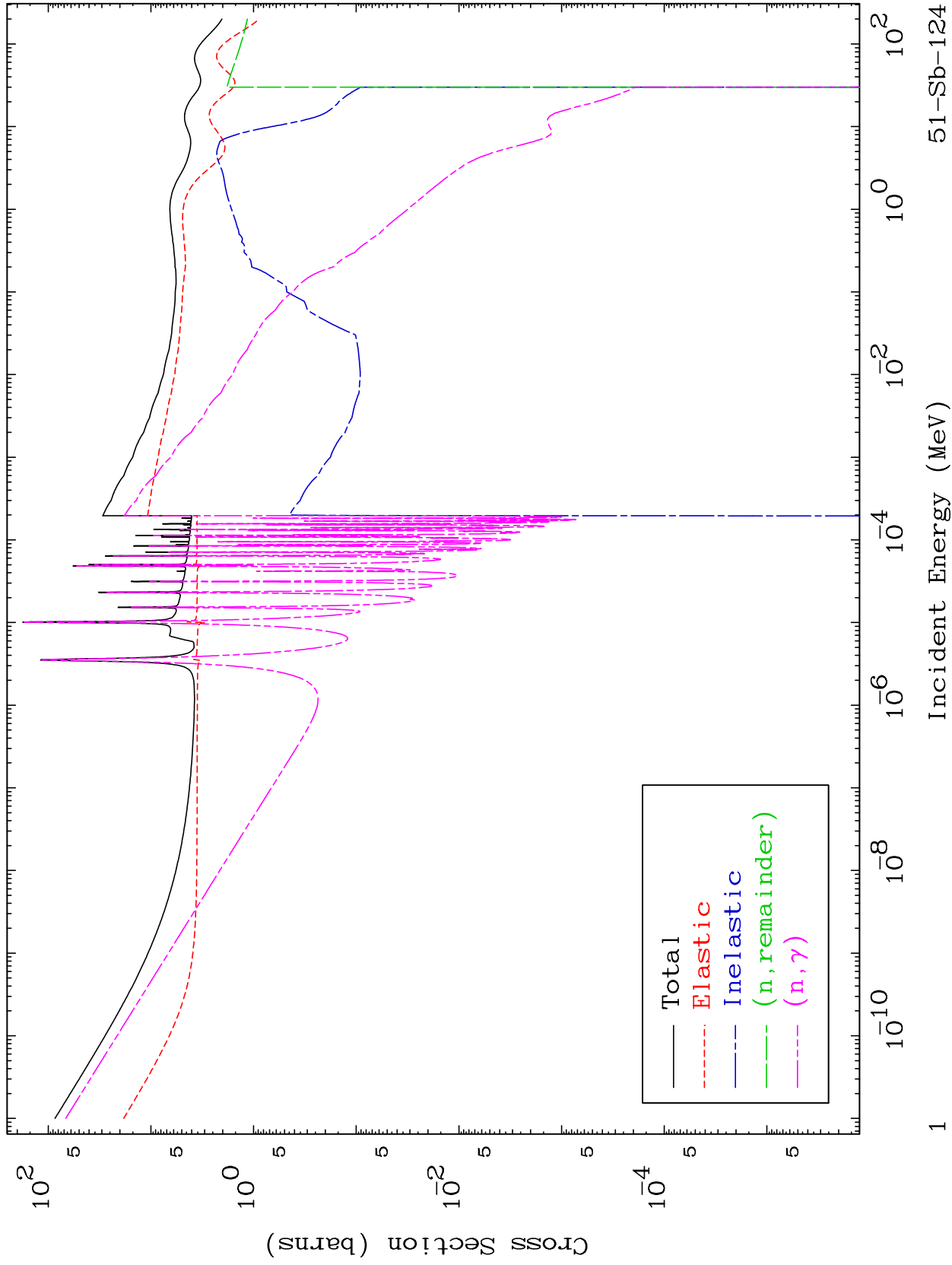
Press Mouse Button to Start

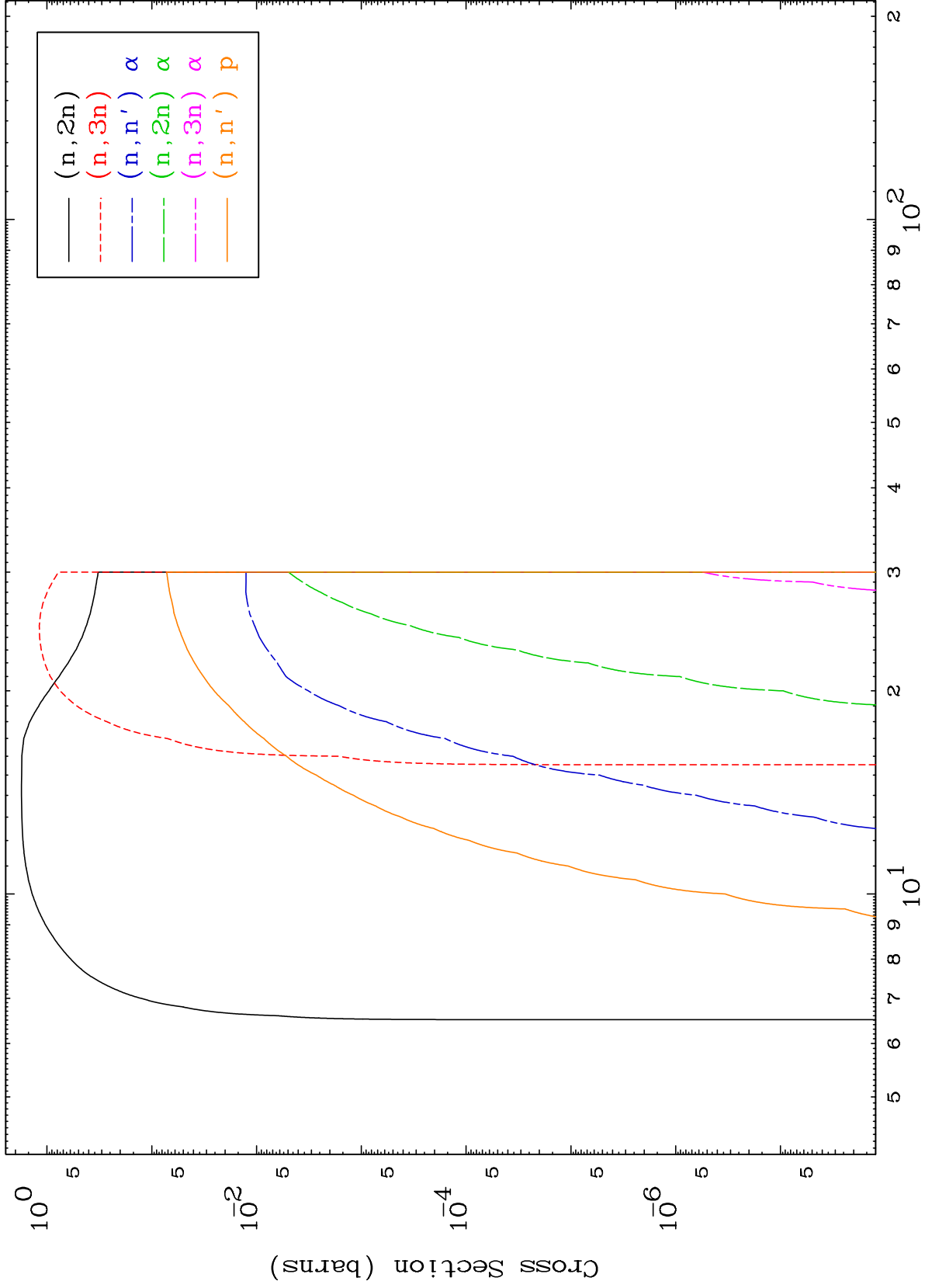
MAT 5135

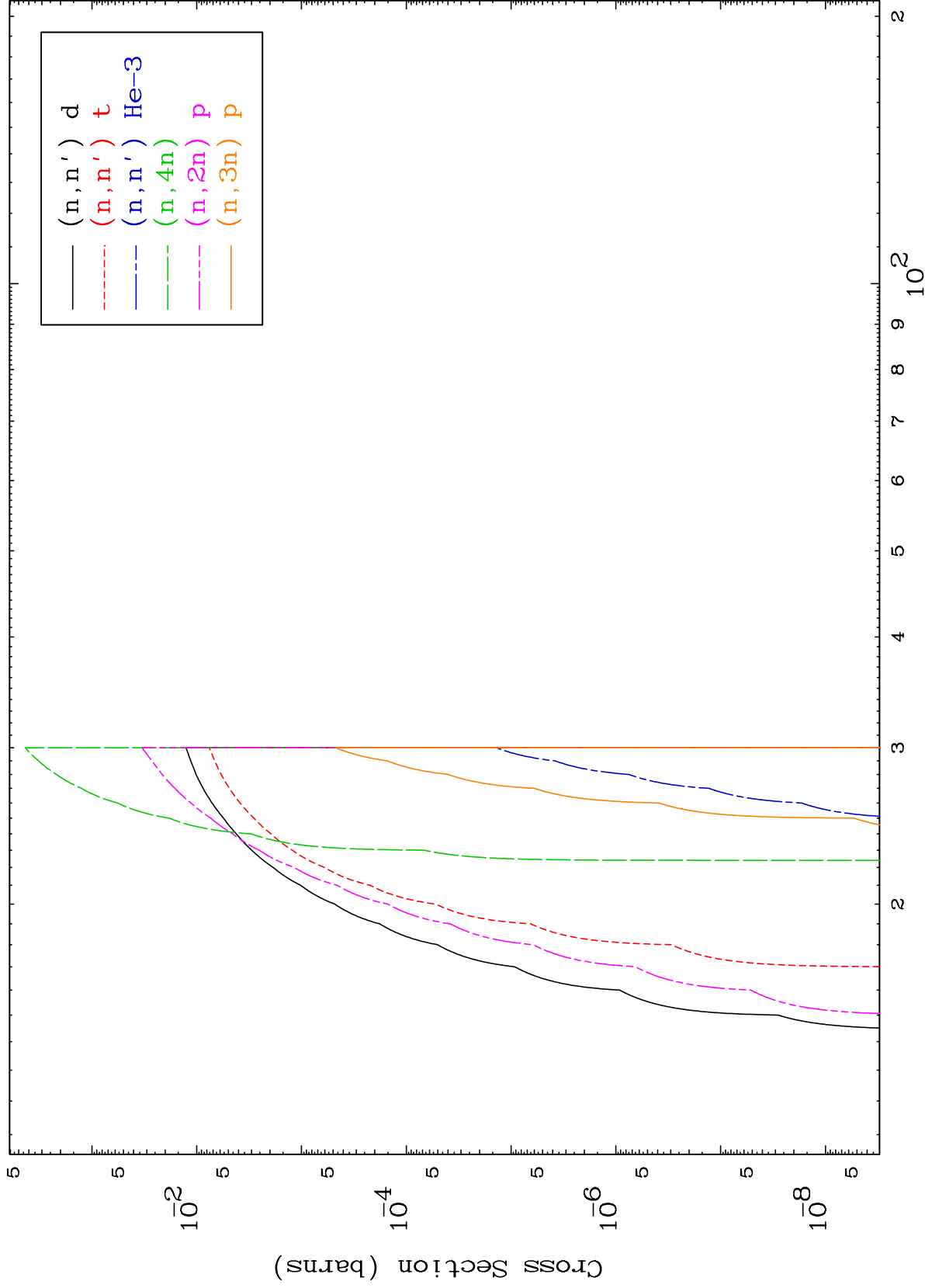
Major

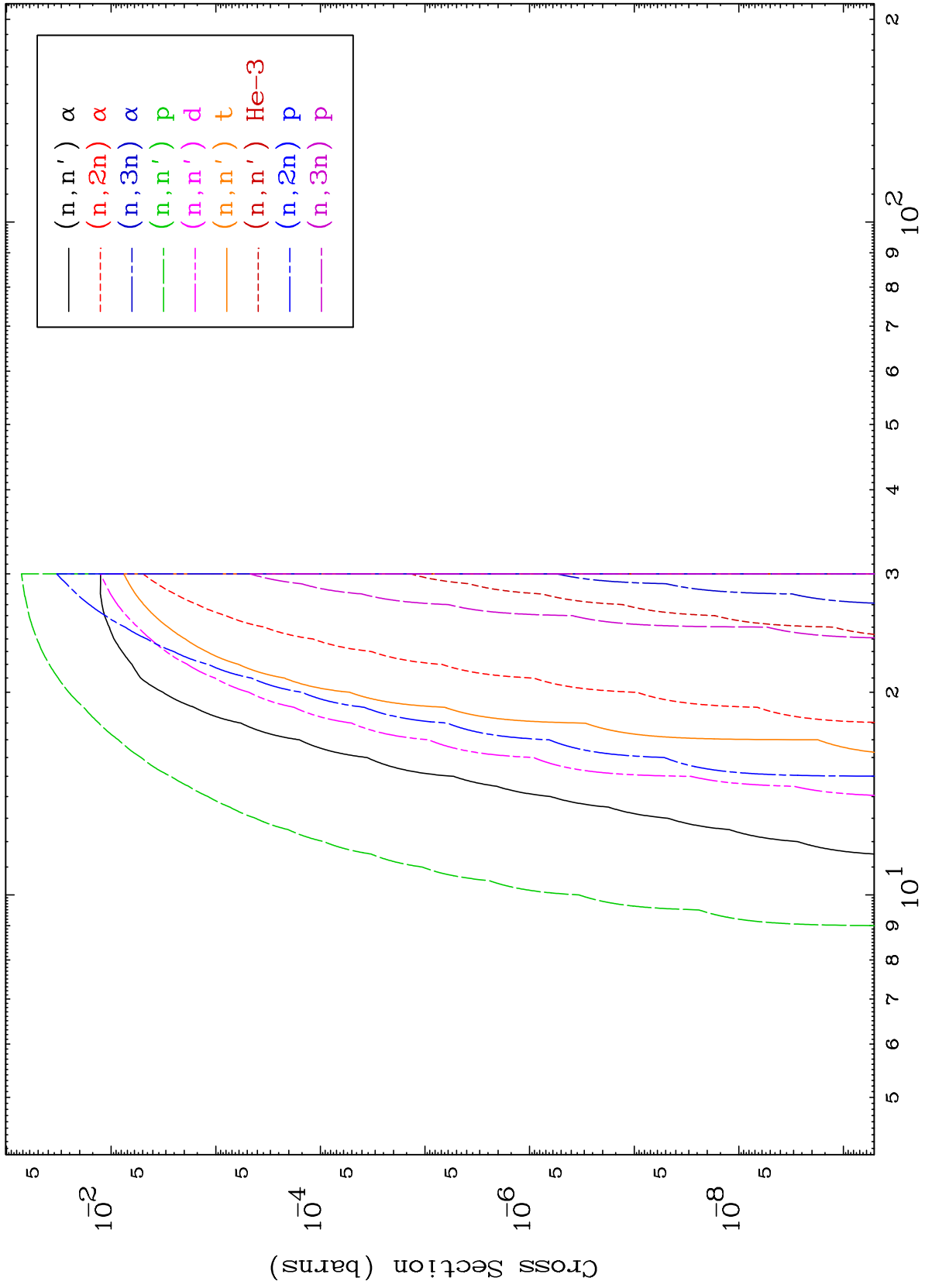
293 Kelvin Cross Sections

51-Sb-124





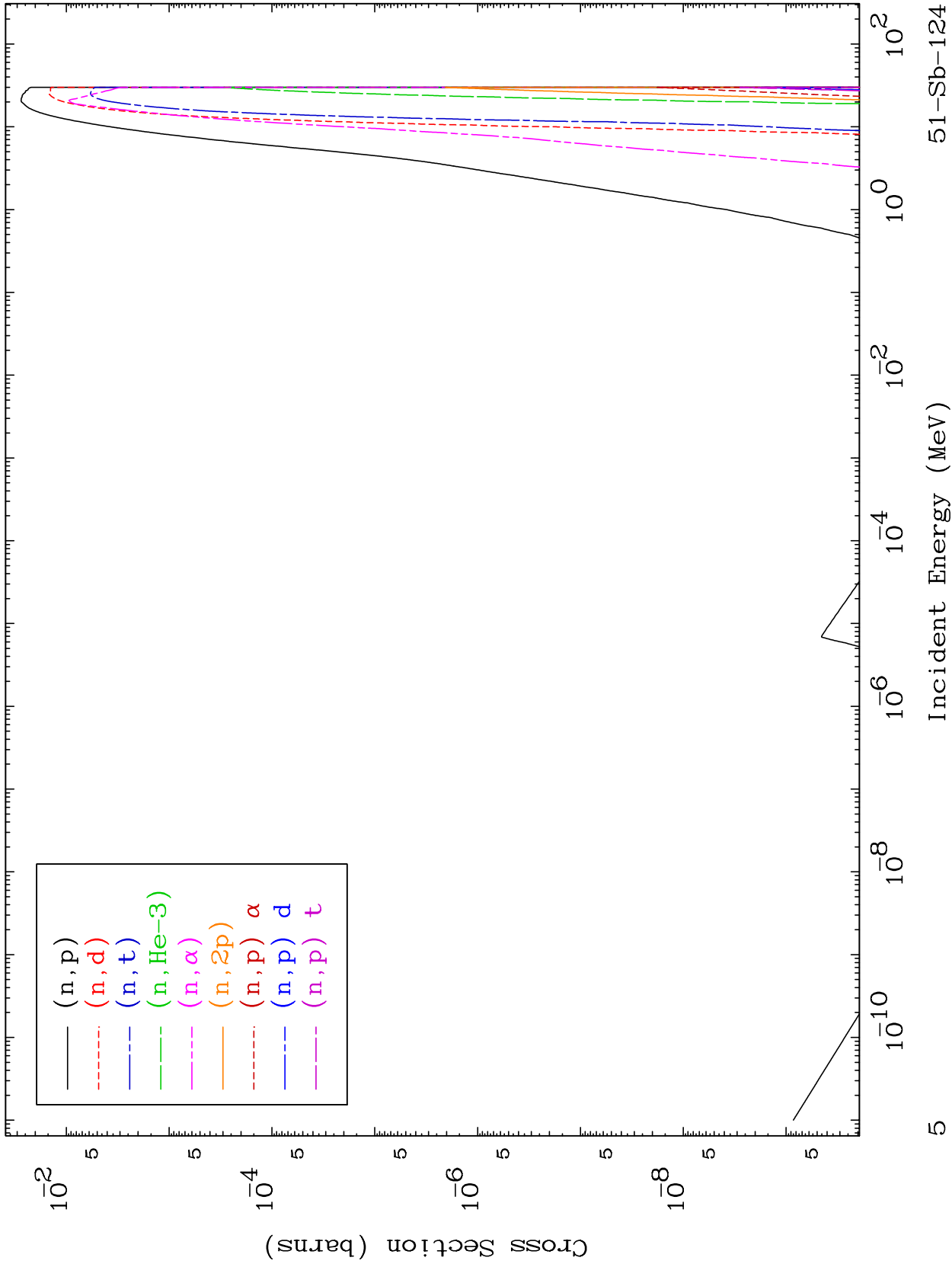




MAT 5135

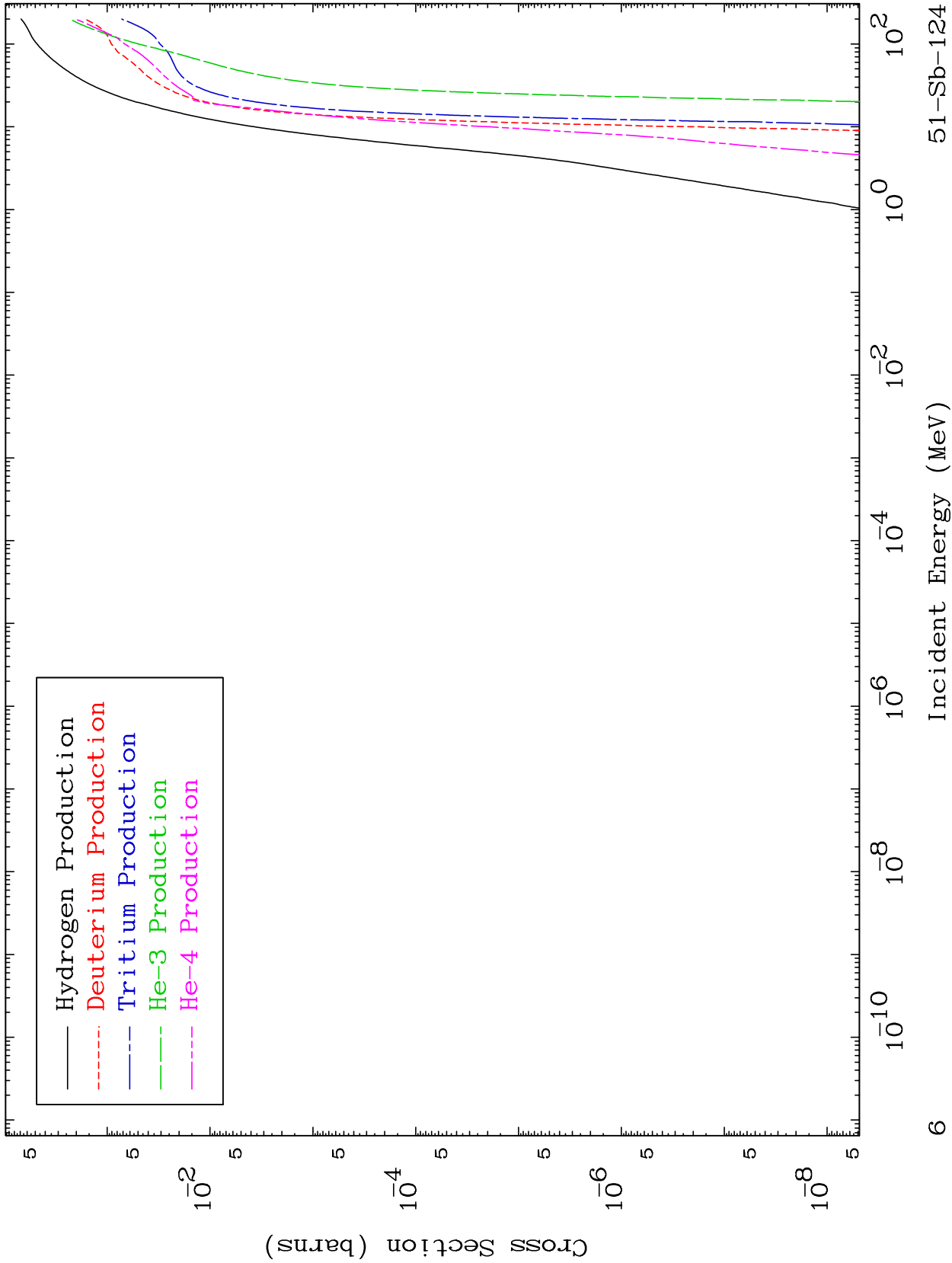
Charged Particle  
293 Kelvin Cross Sections

51-Sb-124



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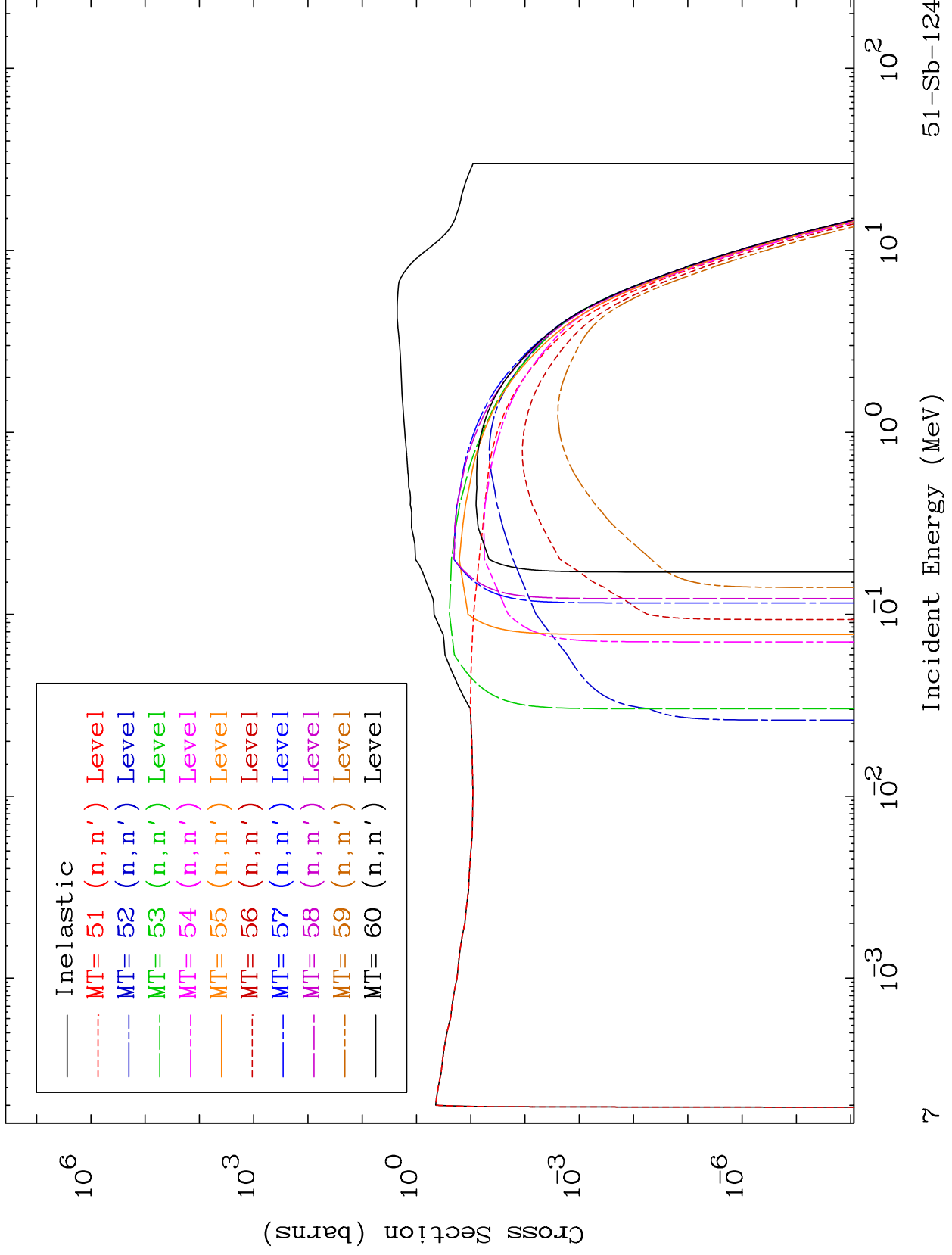
51-Sb-124



MAT 5135

(n,n') Level  
293 Kelvin Cross Sections

51-Sb-124



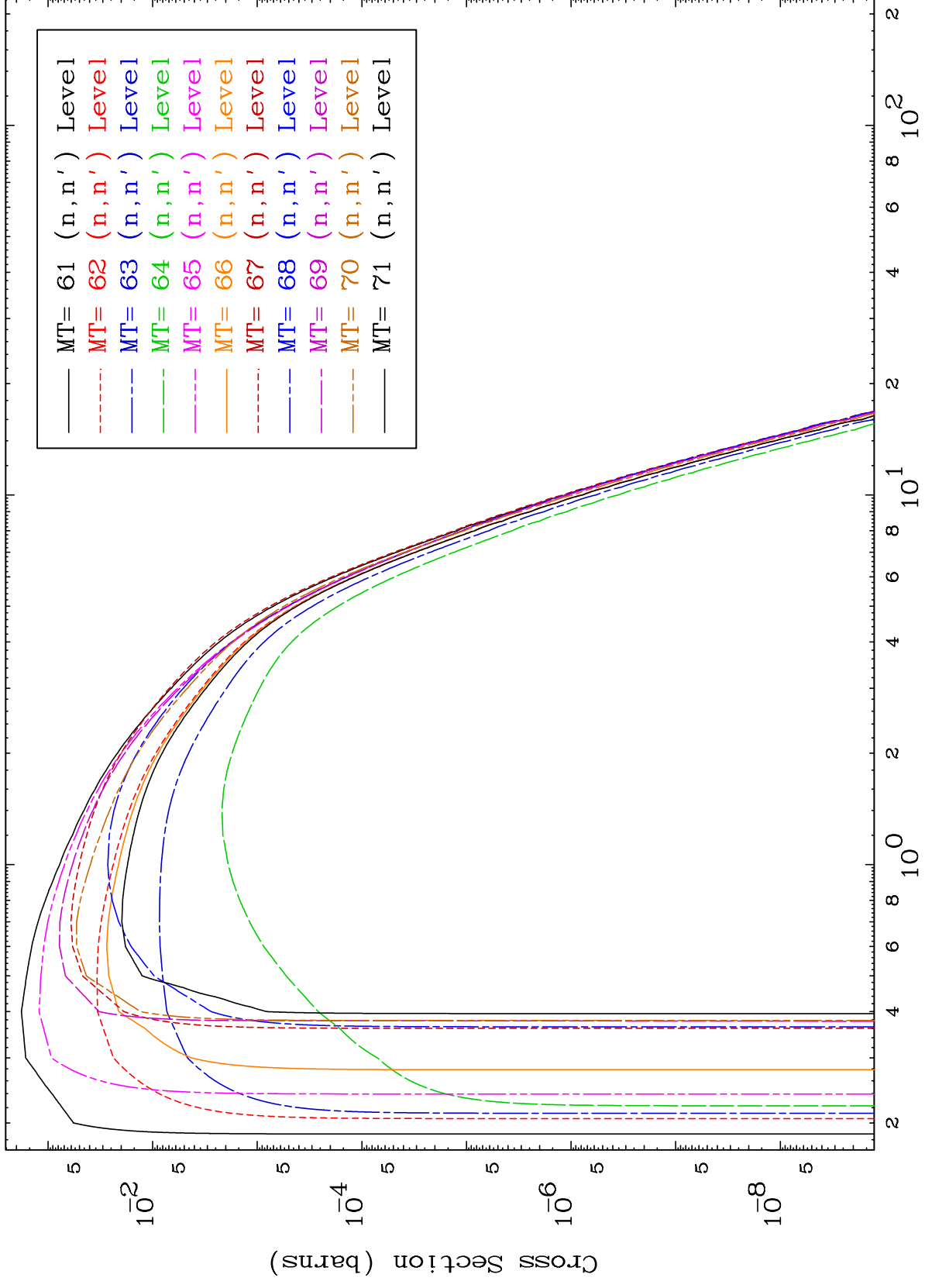


MAT 5135

(n,n') Level

51-Sb-124

293 Kelvin Cross Sections



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Incident Energy (MeV)

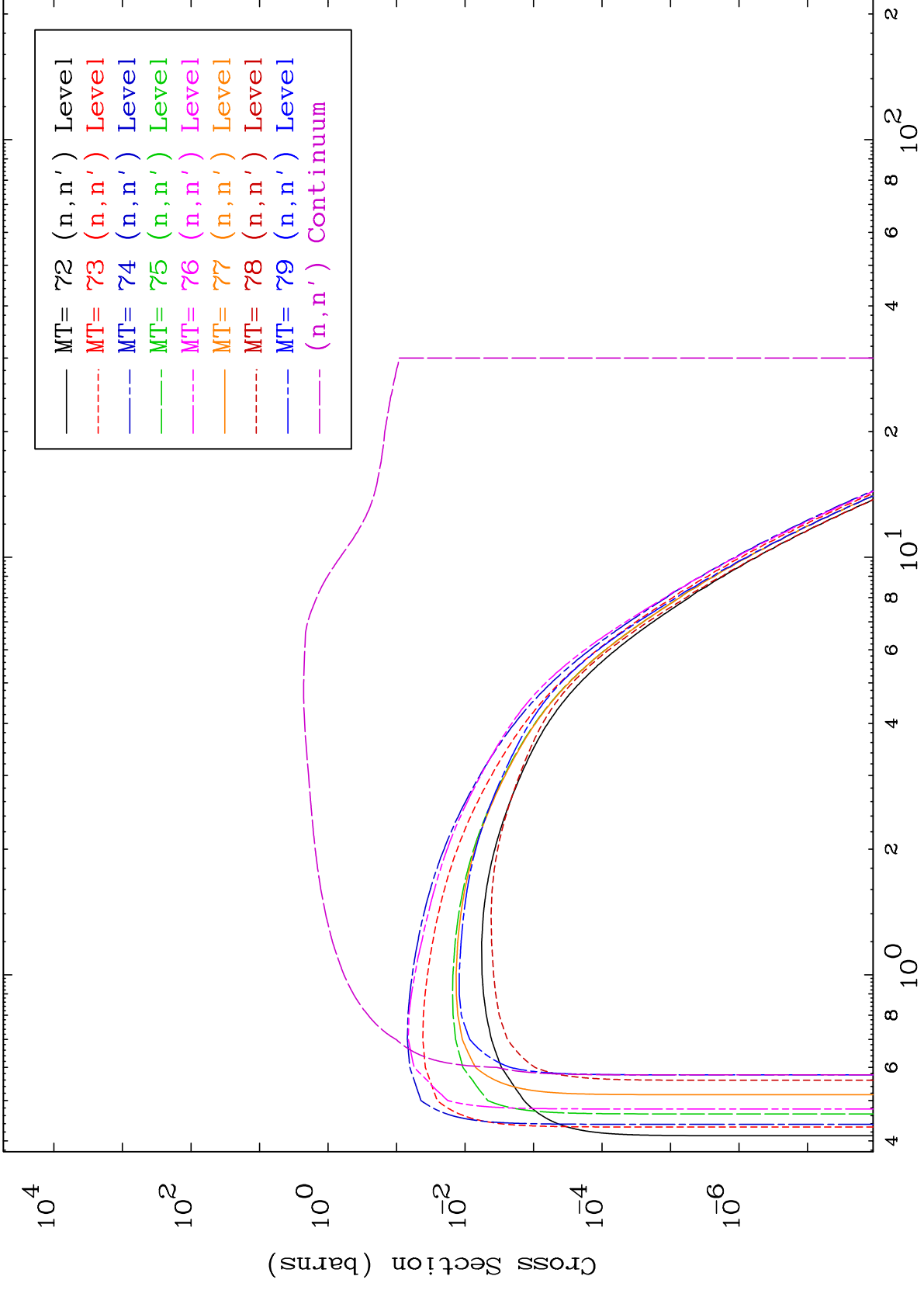
51-Sb-124

MAT 5135

(n,n') Level

293 Kelvin Cross Sections

51-Sb-124



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Incident Energy (MeV)

51-Sb-124

MAT 5135

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-124

— (n,p)

$10^{-2}$

$10^{-4}$

$10^{-6}$

$10^{-8}$

Cross Section (barns)

$10^{-10}$

$10^{-8}$

$10^{-6}$

$10^{-4}$

$10^{-2}$

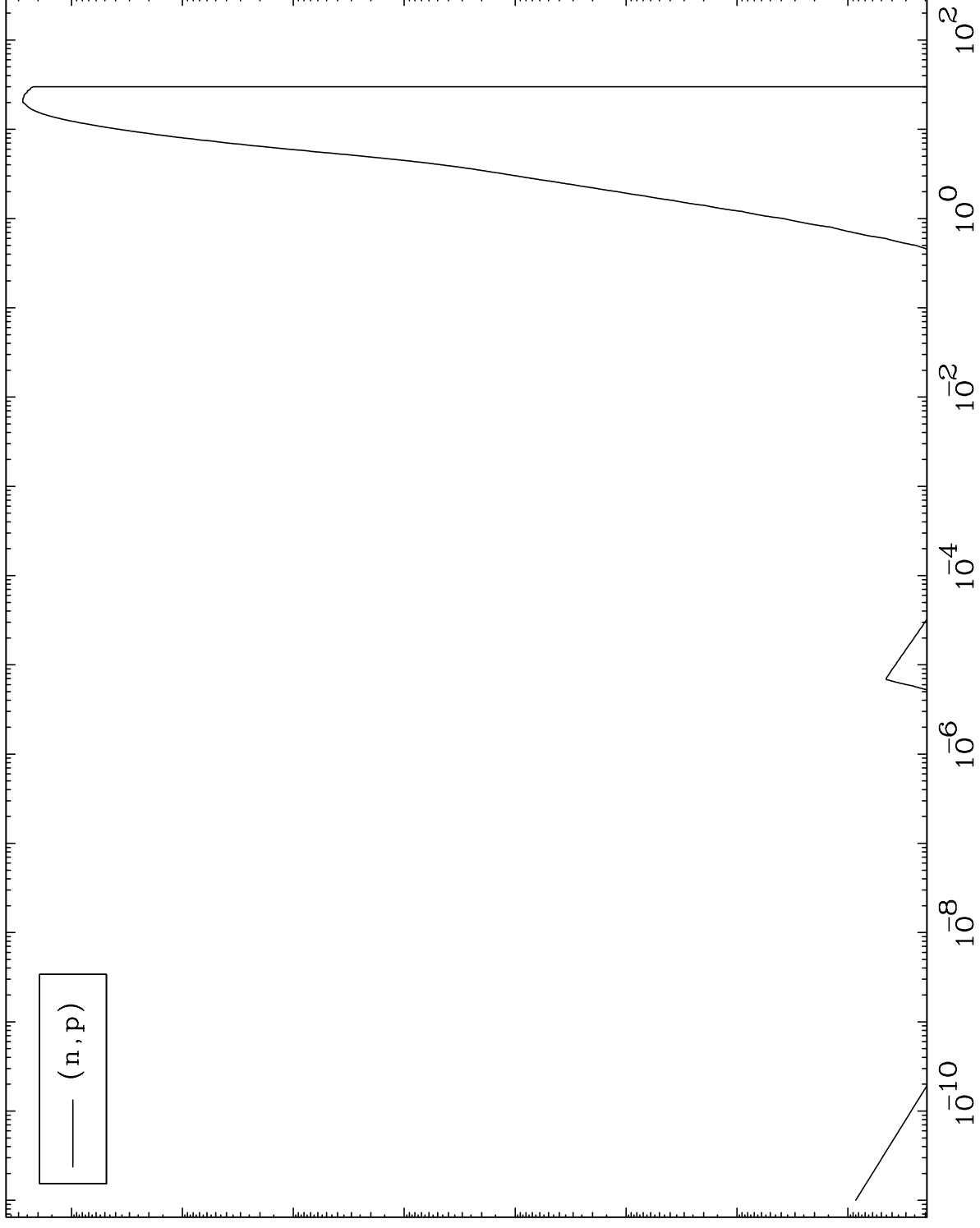
$10^0$

$10^2$

10

Incident Energy (MeV)

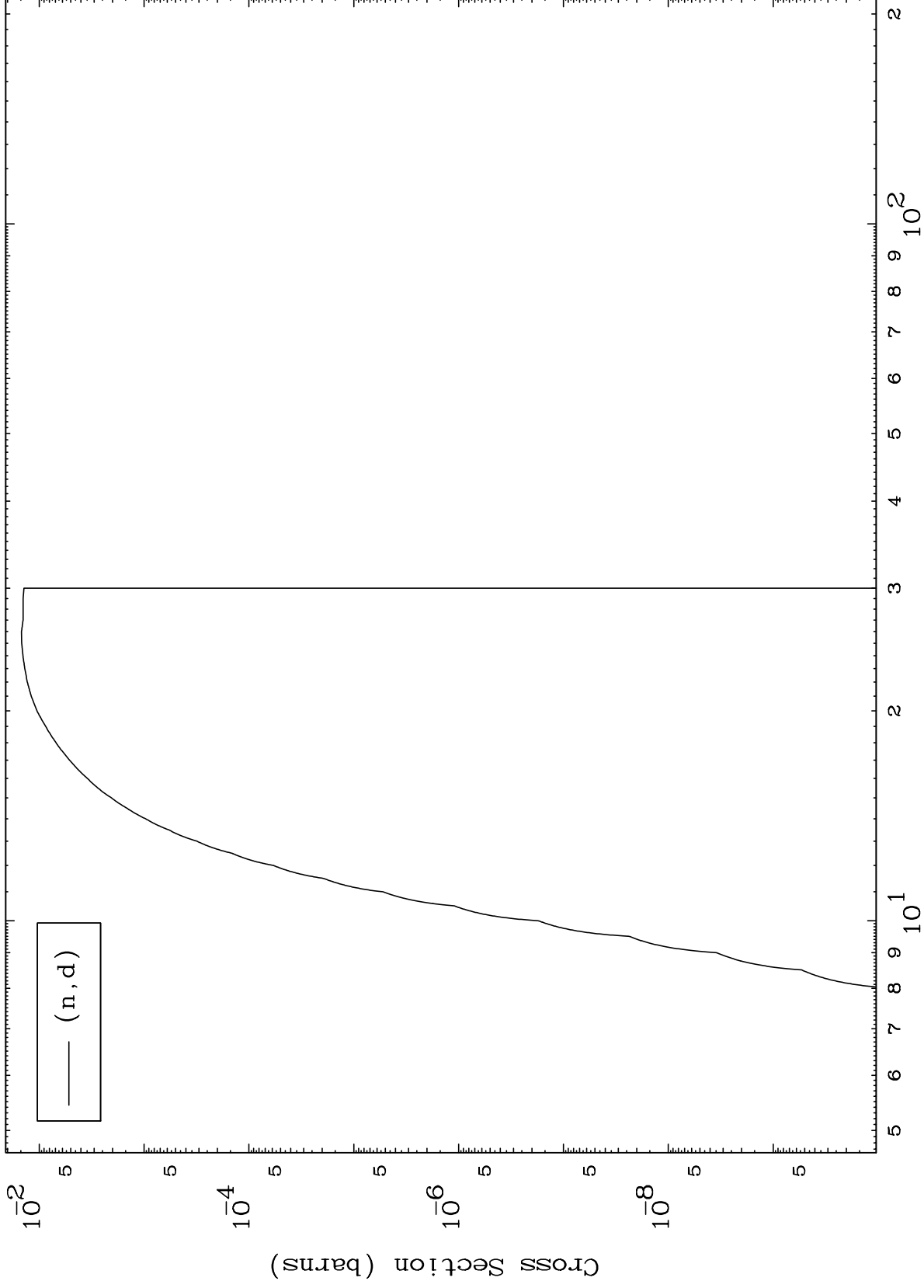
51-Sb-124



MAT 5135

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-124



11

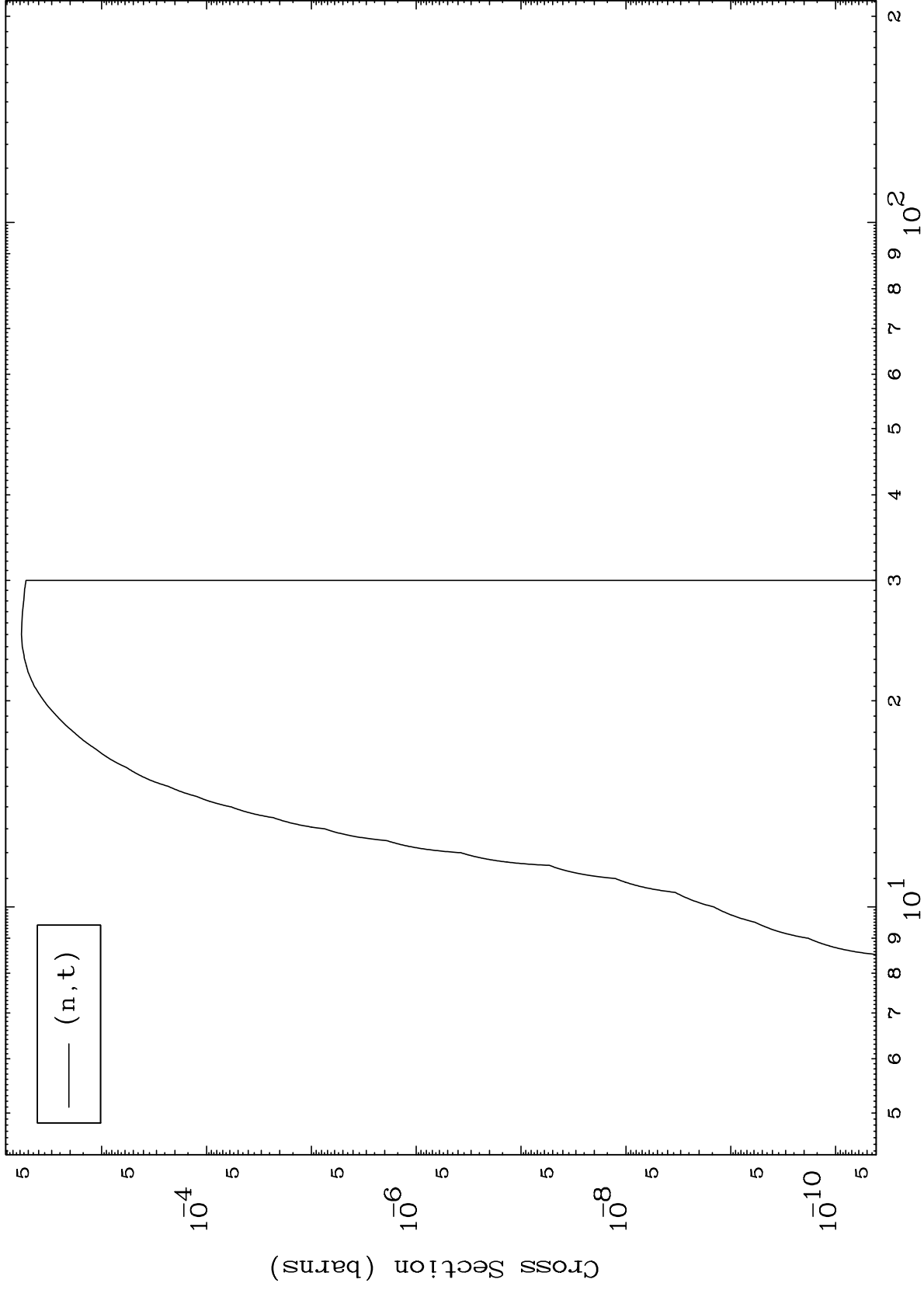
Incident Energy (MeV)

51-Sb-124

MAT 5135

(n,t) Levels  
293 Kelvin Cross Sections

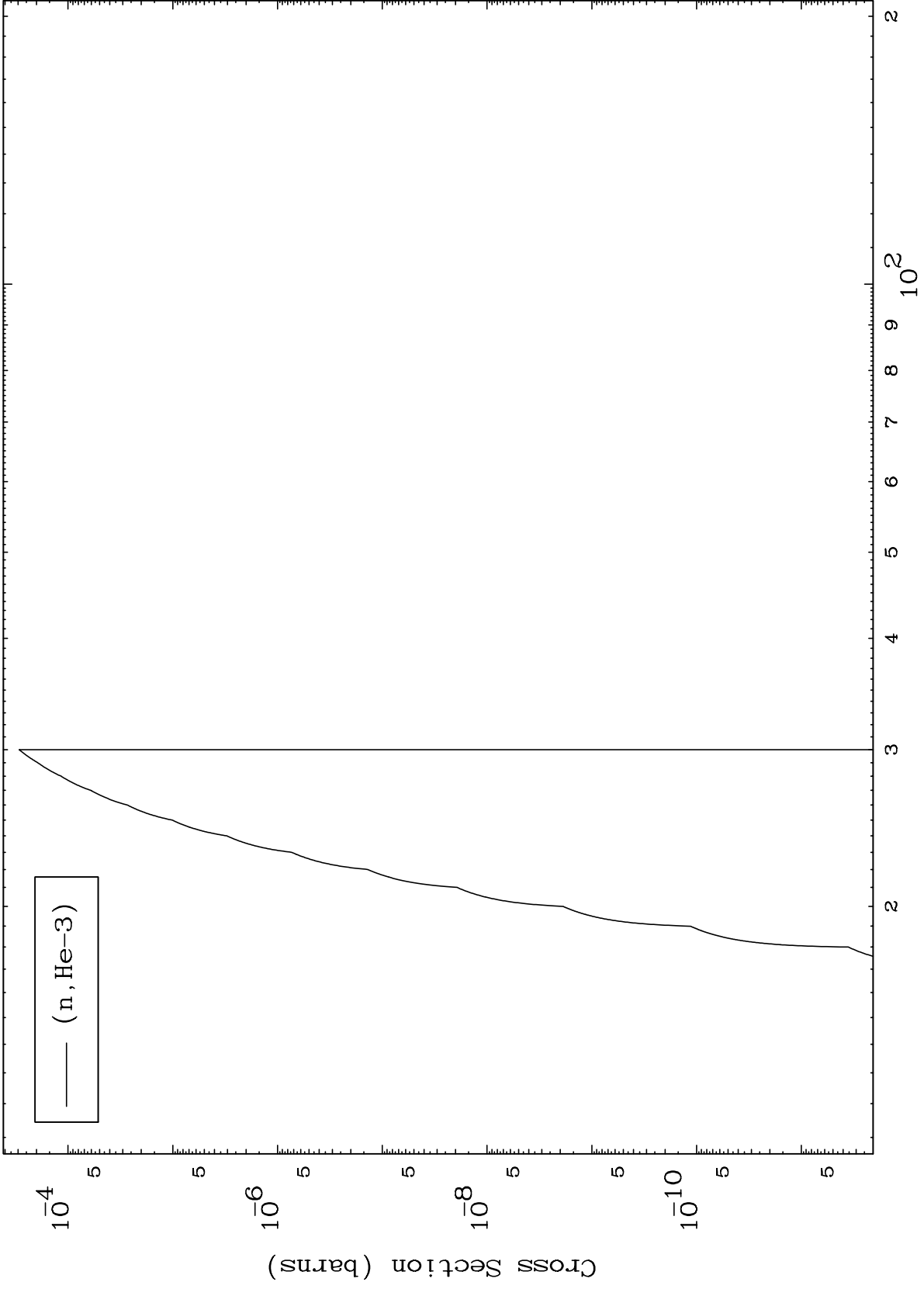
51-Sb-124



12

Incident Energy (MeV)

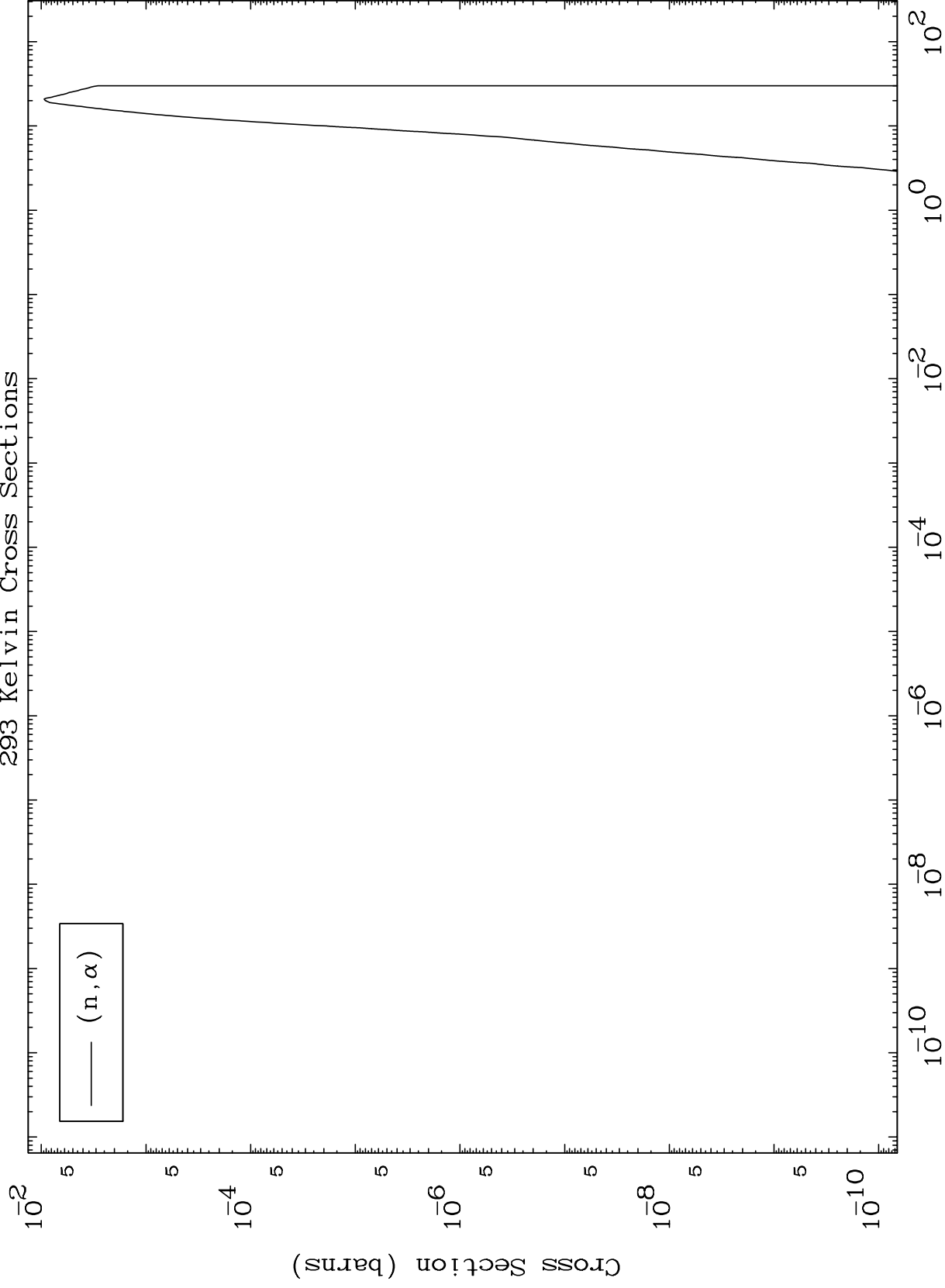
51-Sb-124



MAT 5135

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

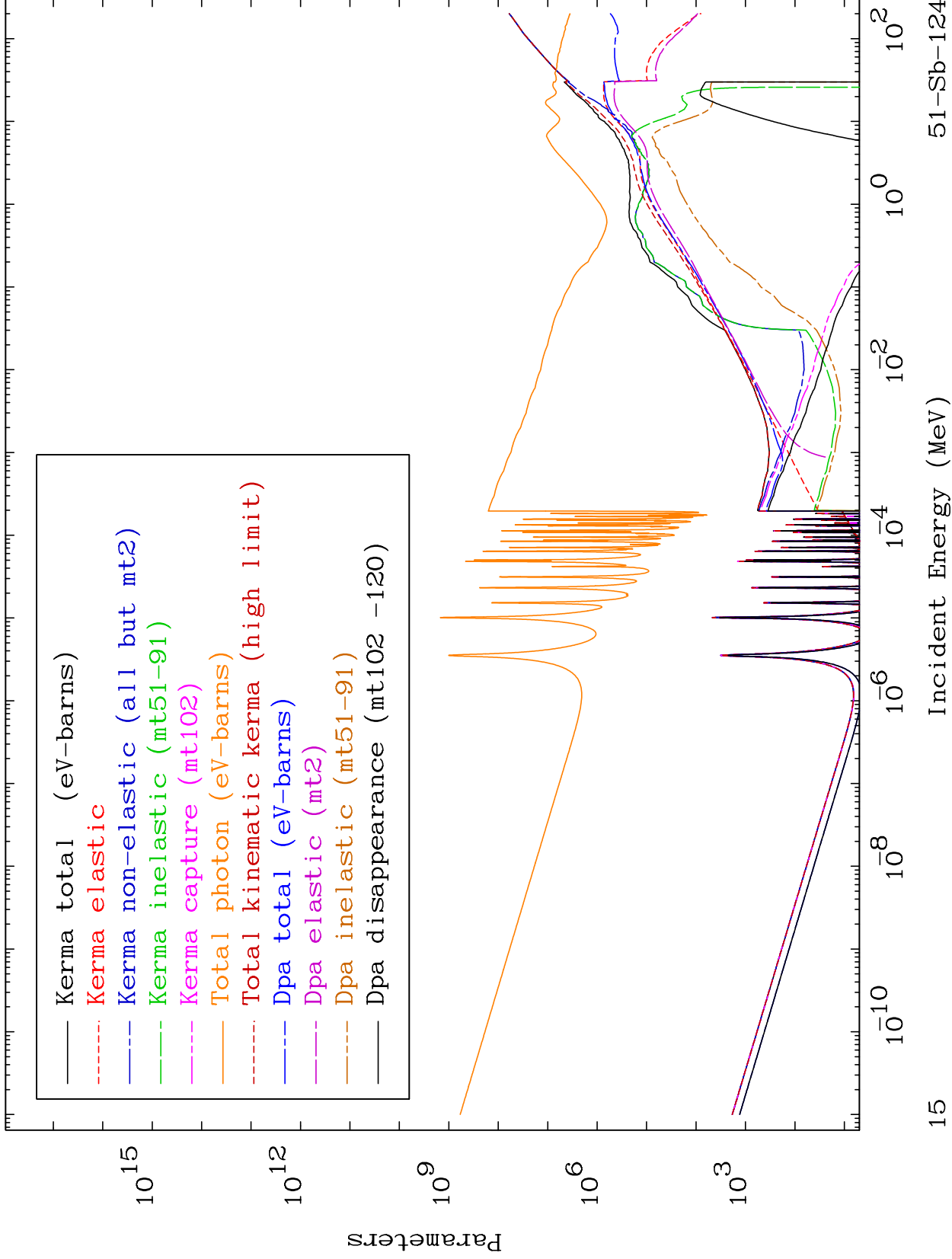
51-Sb-124



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Incident Energy (MeV)

51-Sb-124



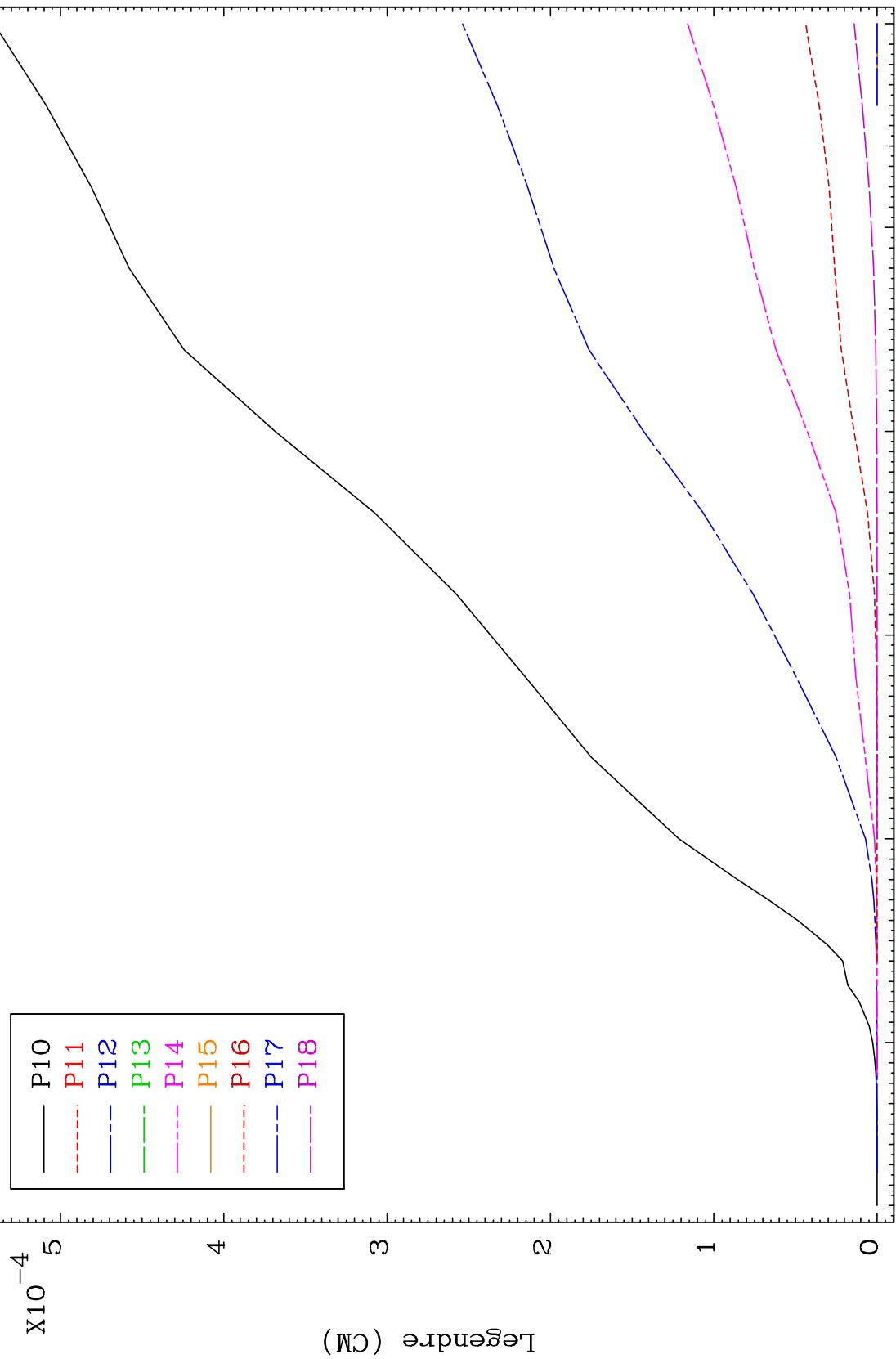
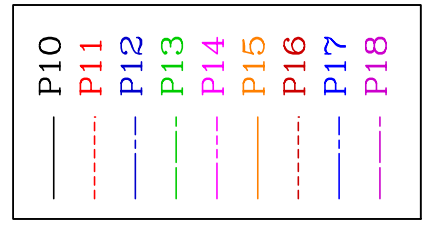




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Elastic Legendre Coefficients

51-Sb-124



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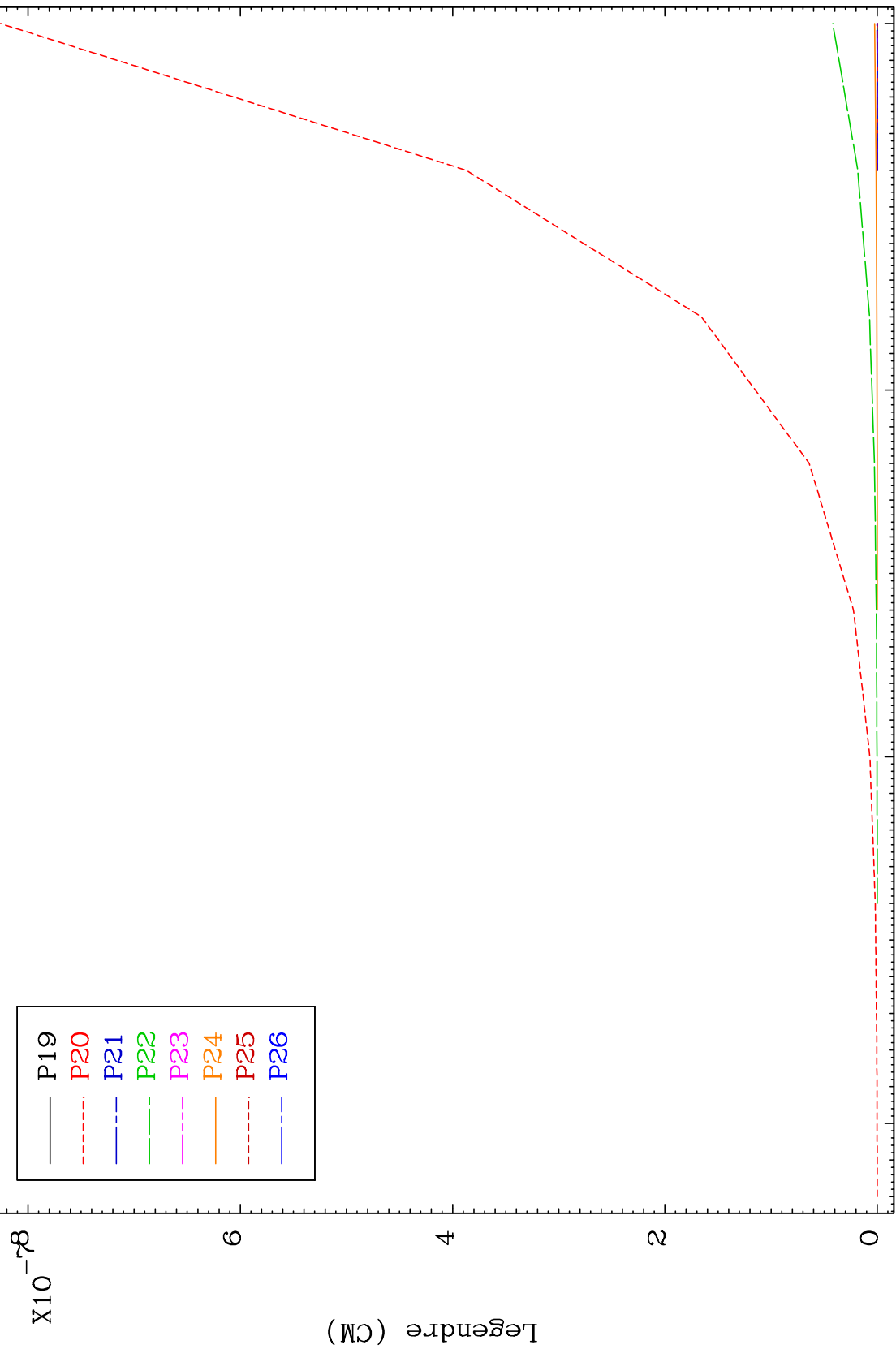
Incident Energy (MeV)

51-Sb-124

MAT 5135

Elastic  
Legendre Coefficients

51-Sb-124



18

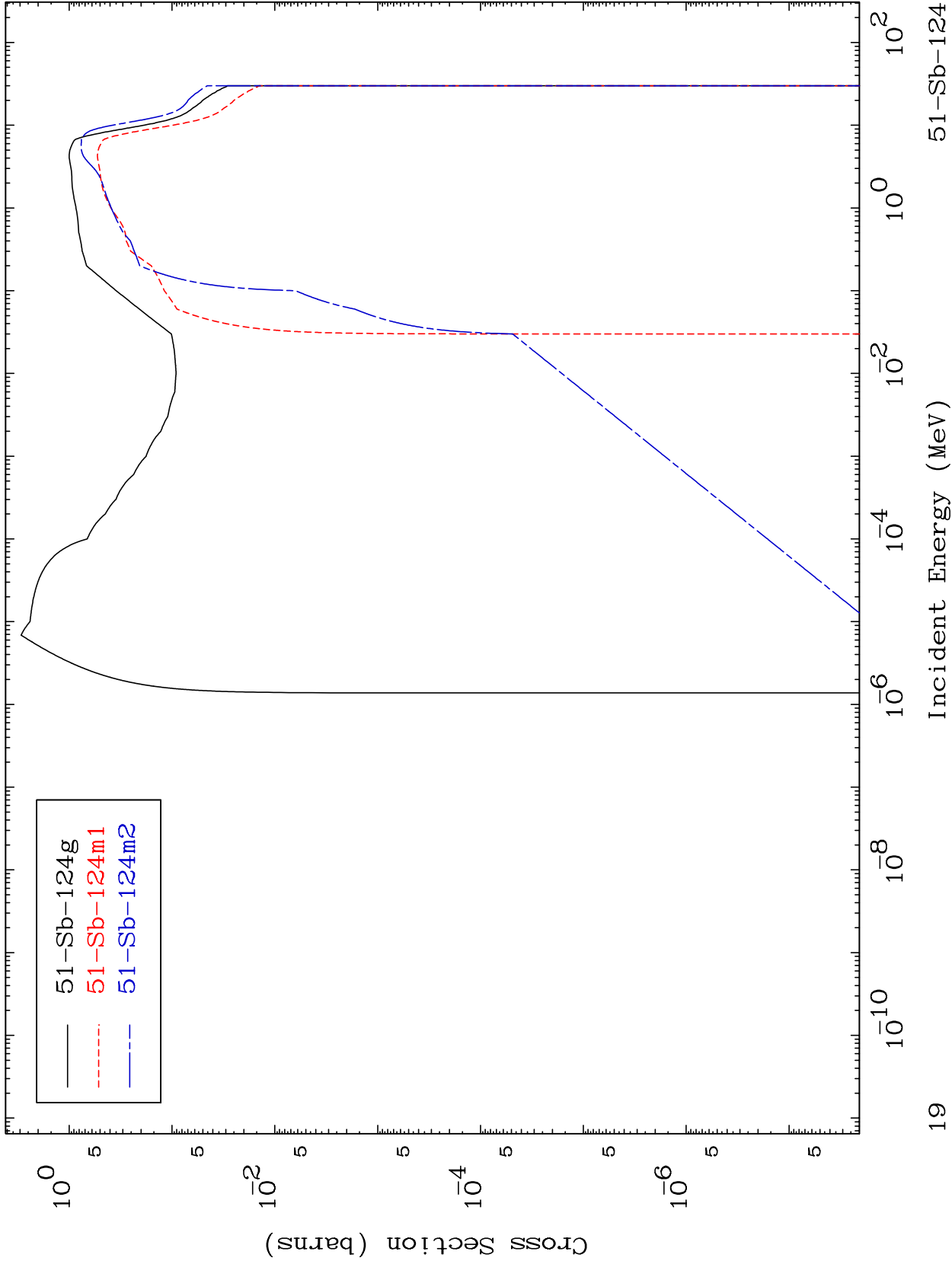
Incident Energy (MeV)

51-Sb-124

MAT 5135

Radionuclide Production Cross Section

51-Sb-124

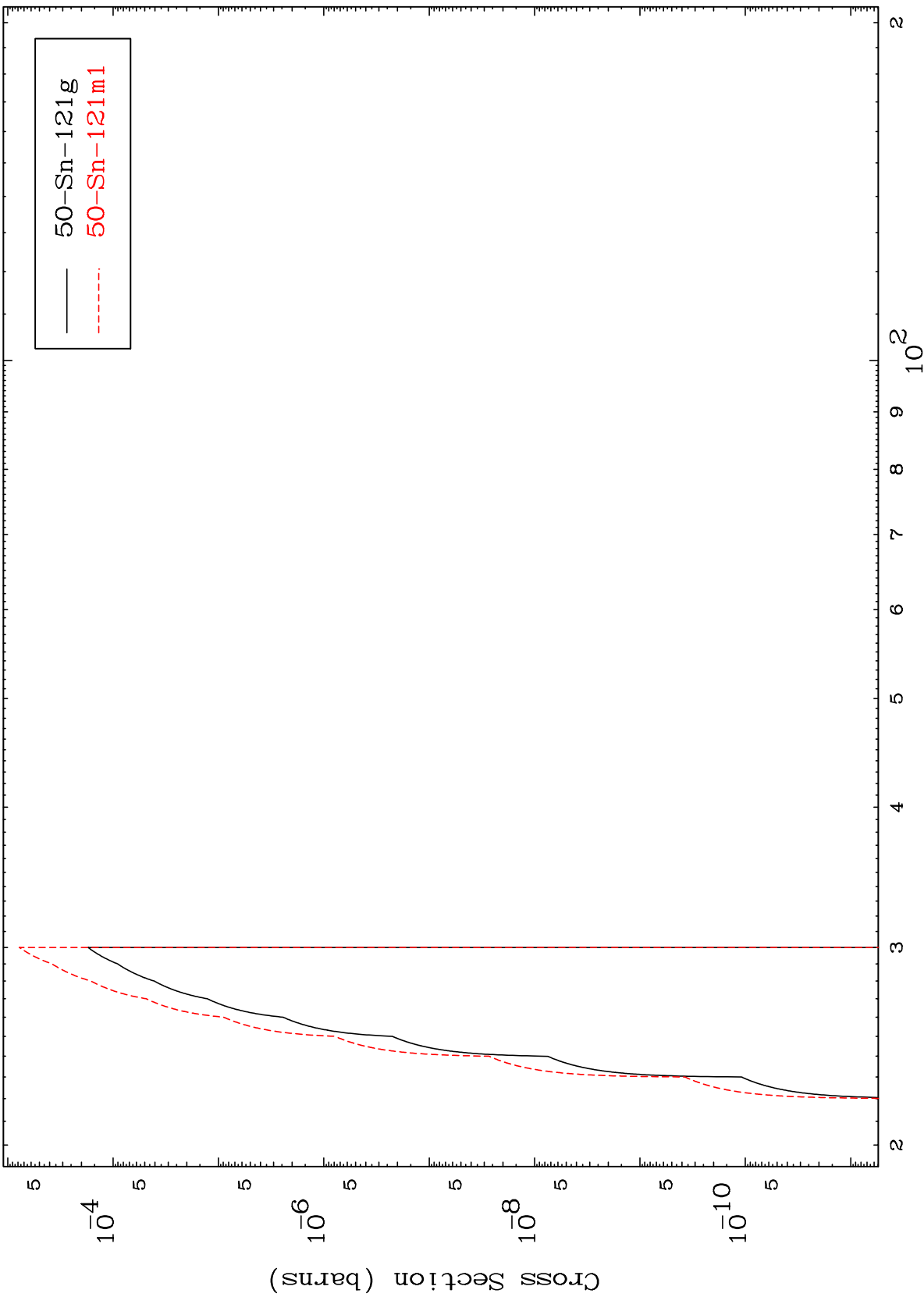


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(n,2n) d

51-Sb-124

Radionuclide Production Cross Section



20

Incident Energy (MeV)

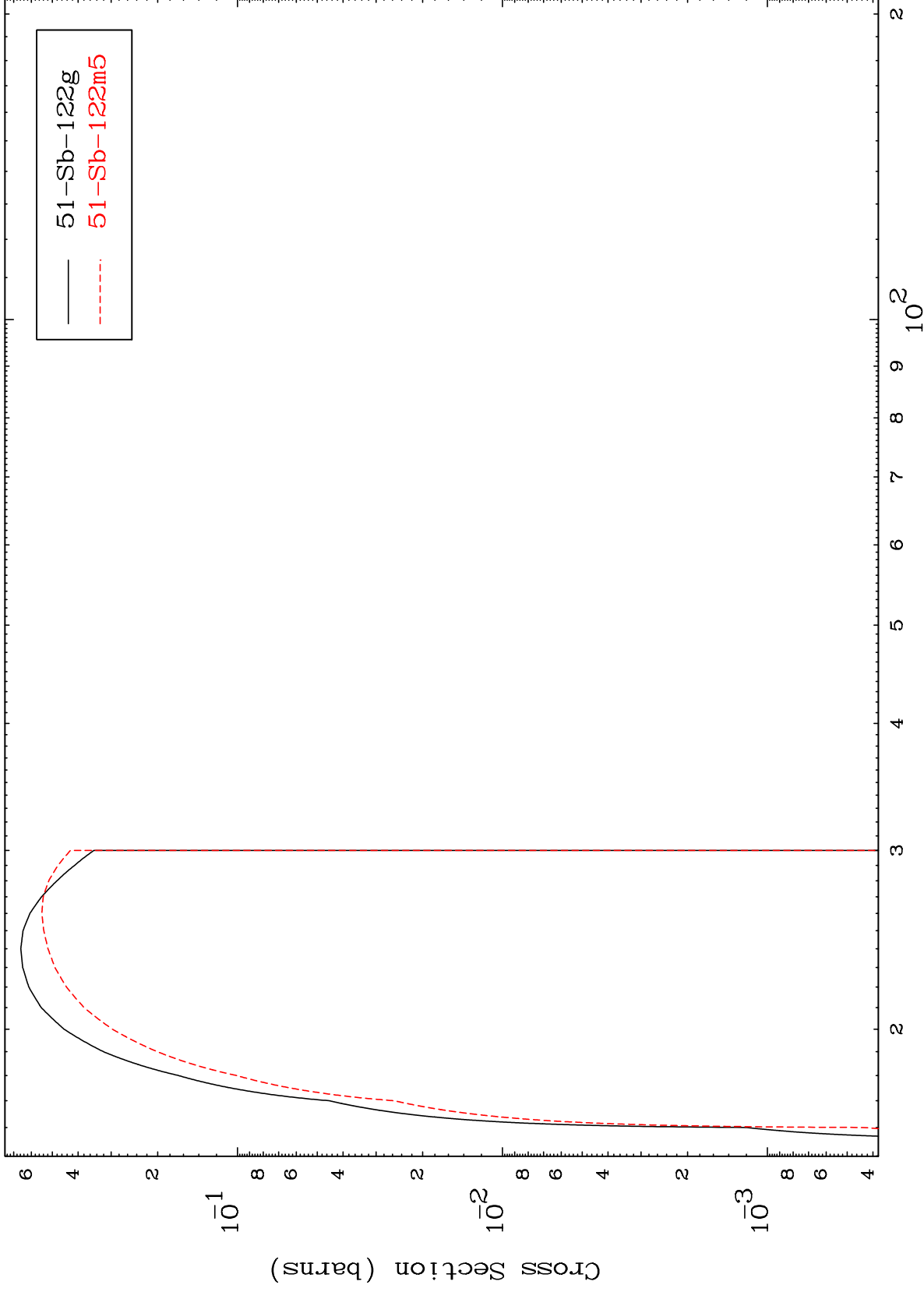
51-Sb-124

MAT 5135

(n,3n)

51-Sb-124

Radionuclide Production Cross Section



21

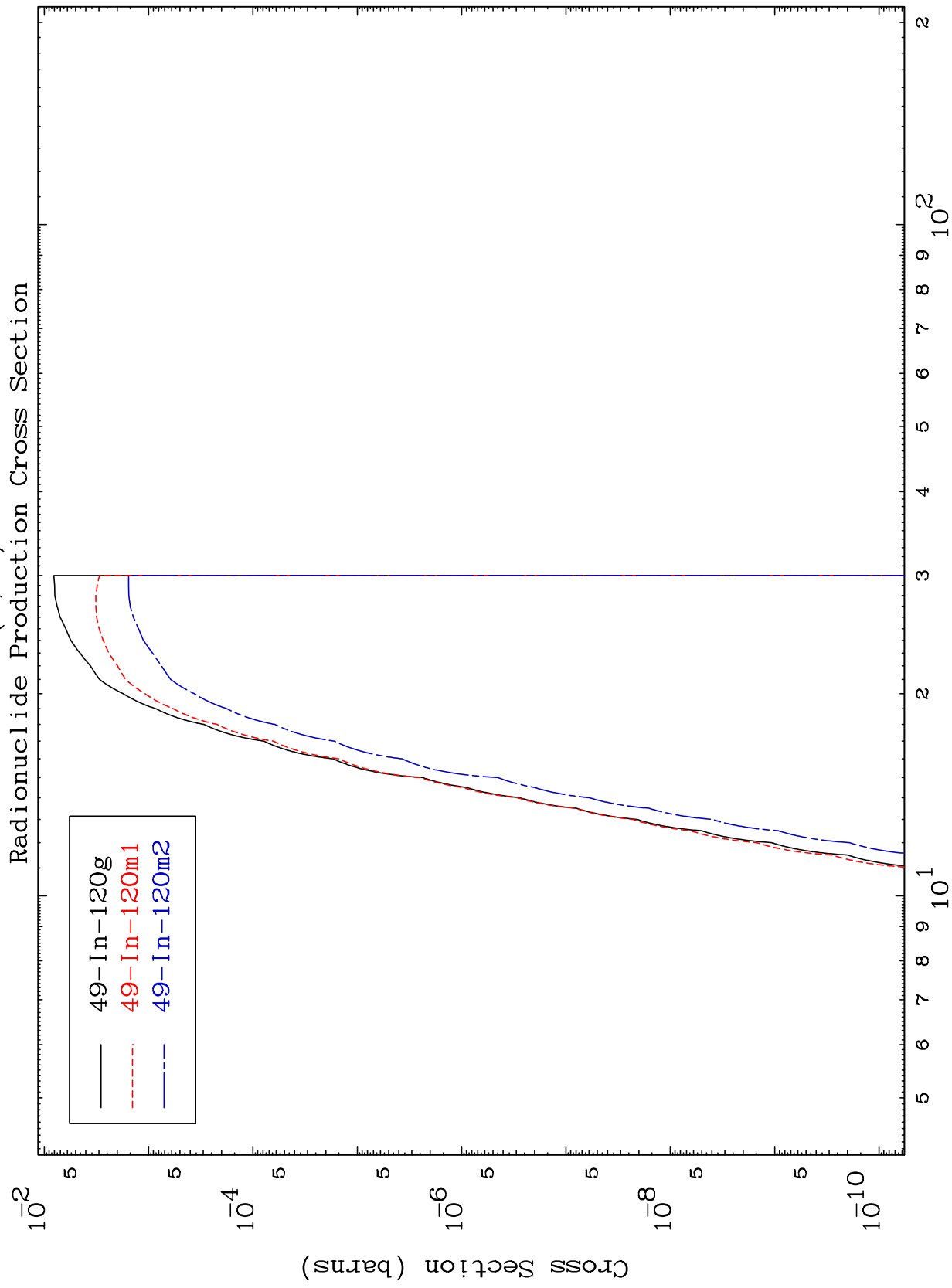
Incident Energy (MeV)

51-Sb-124

MAT 5135

(n,n')  $\alpha$

51-Sb-124

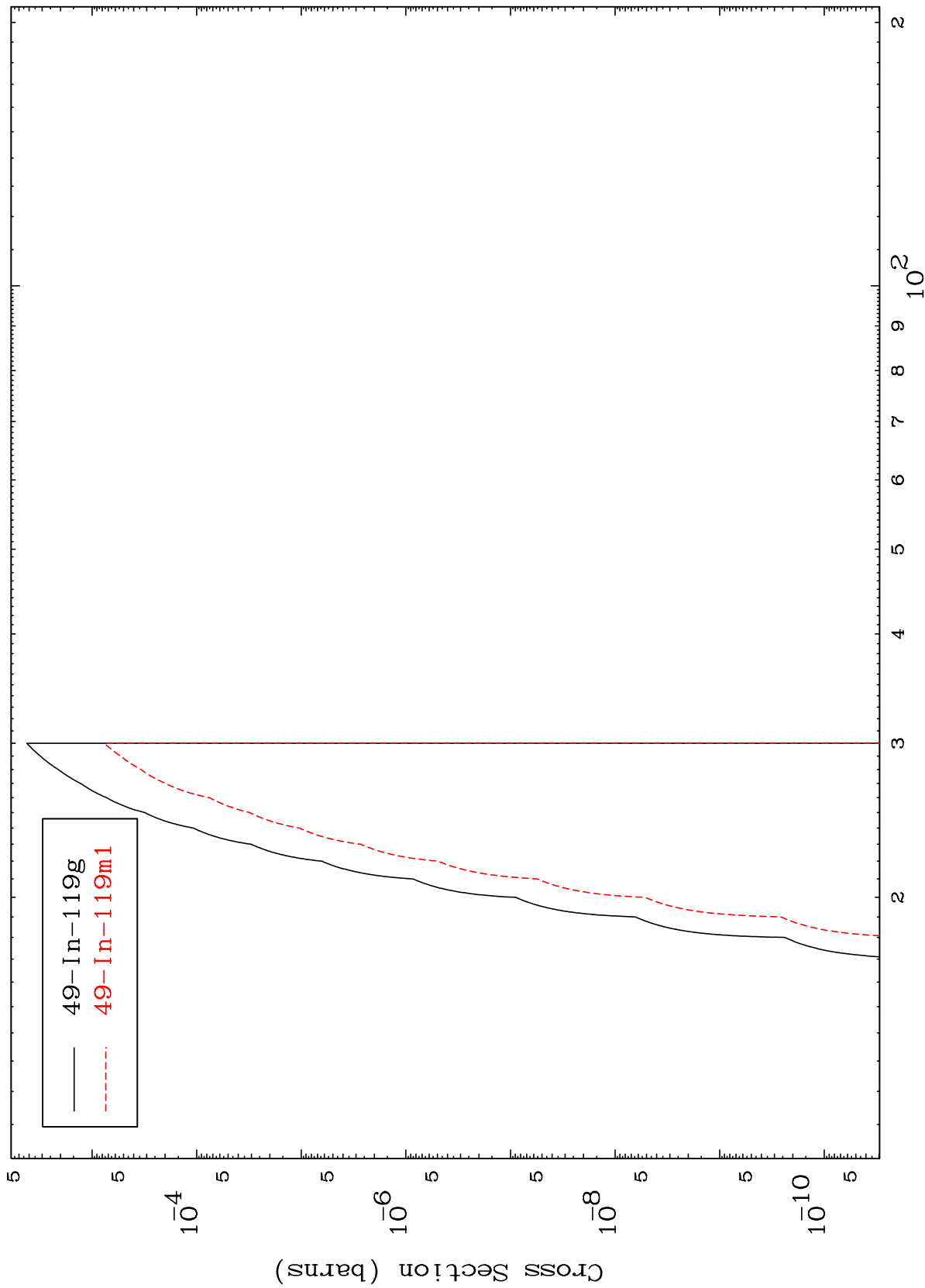


MAT 5135

51-Sb-124

(n,2n)  $\alpha$

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-124

23

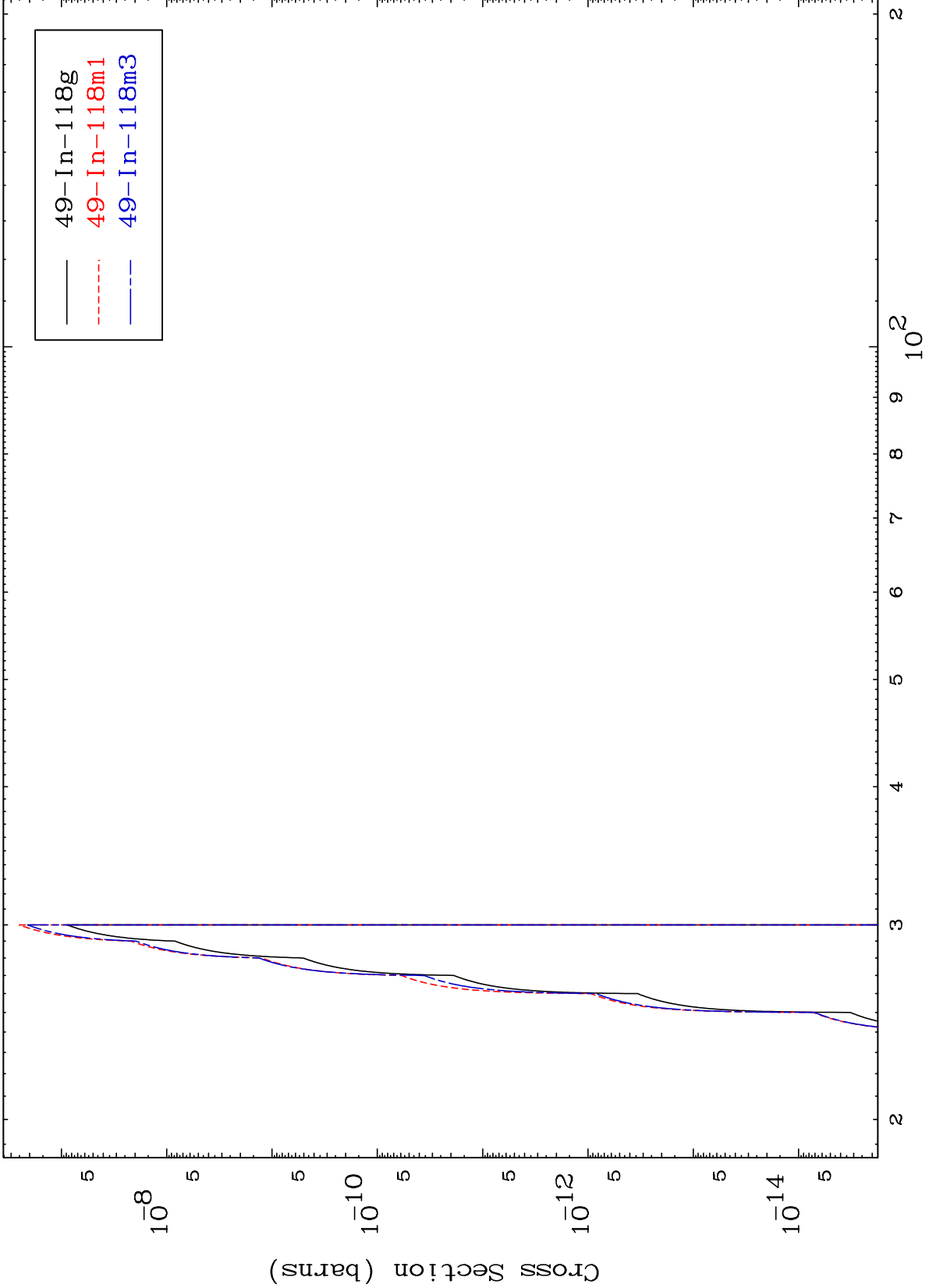


MAT 5135

(n,3n)  $\alpha$

51-Sb-124

Radionuclide Production Cross Section



24

Incident Energy (MeV)

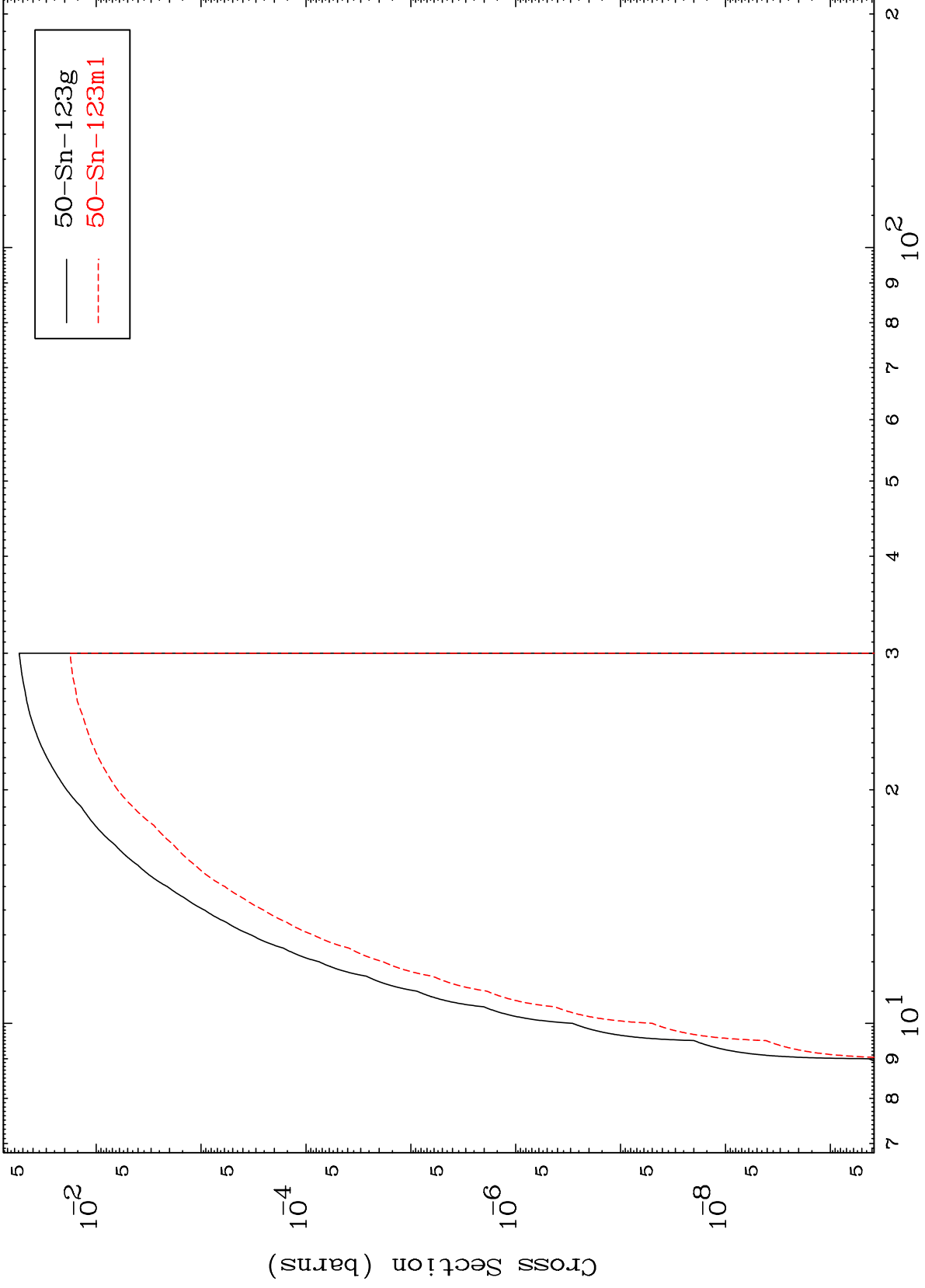
51-Sb-124

MAT 5135

(n,n') p

51-Sb-124

Radionuclide Production Cross Section



25

Incident Energy (MeV)

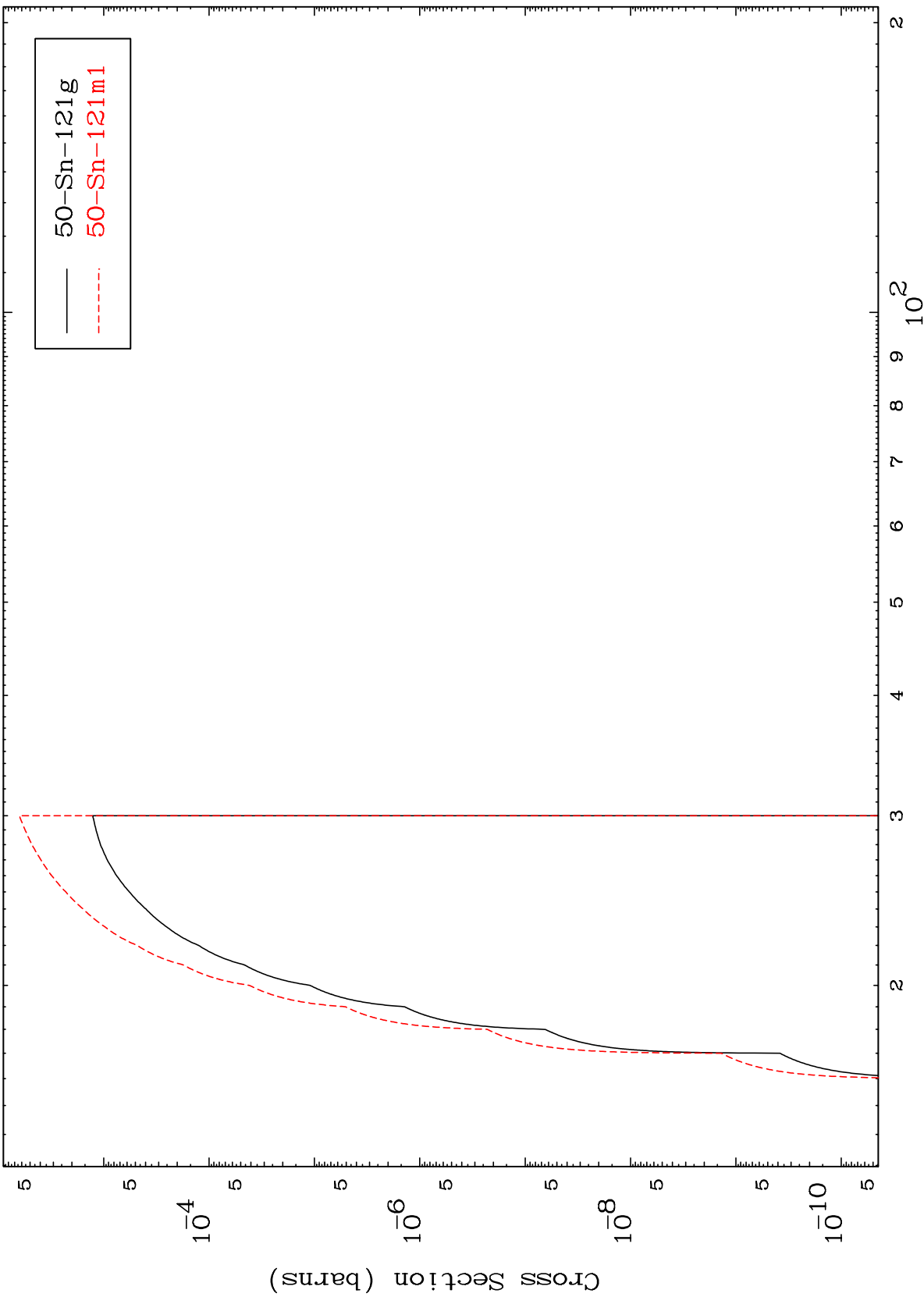
51-Sb-124

MAT 5135

(n,n') t

51-Sb-124

Radionuclide Production Cross Section



26

Incident Energy (MeV)

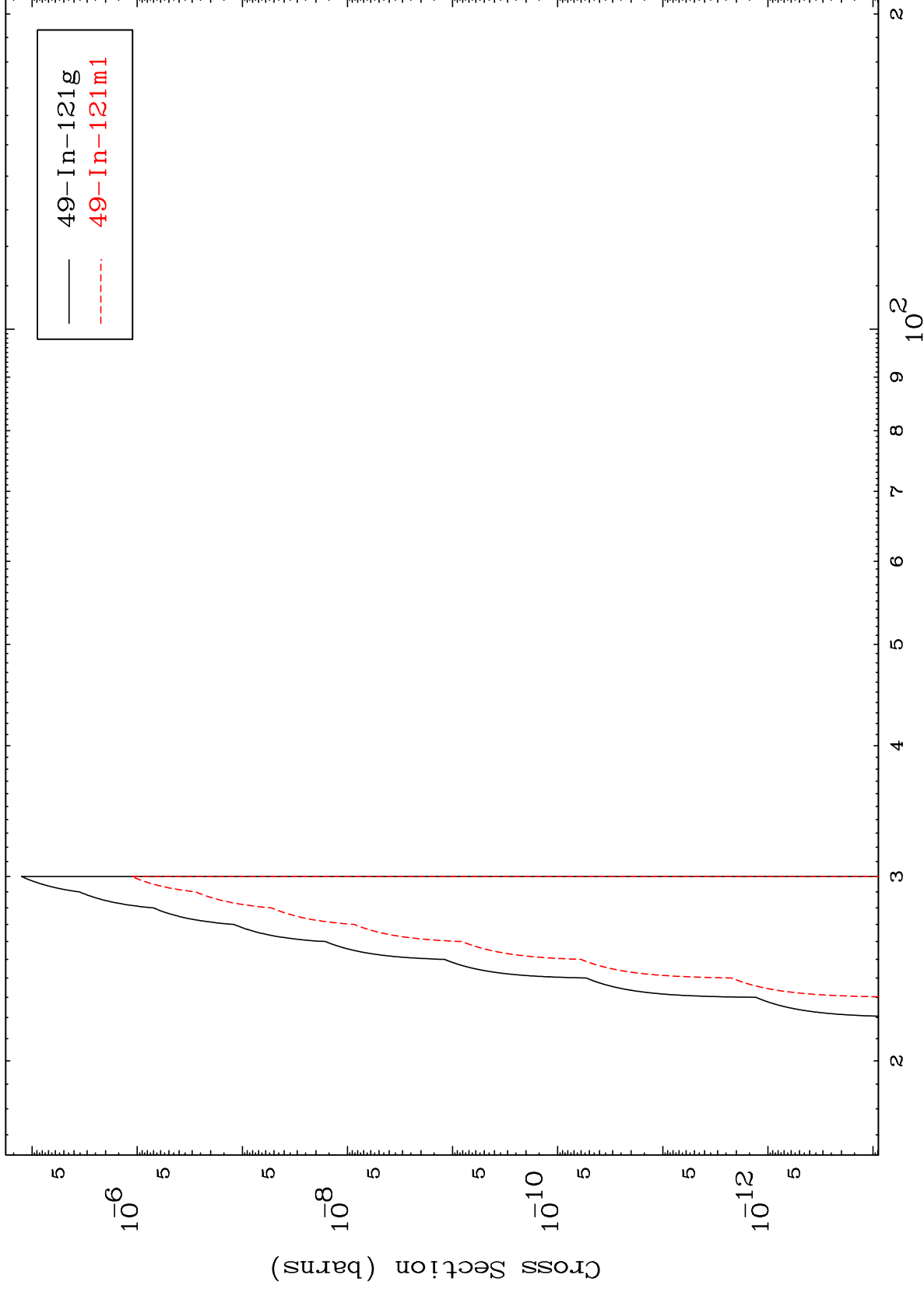
51-Sb-124

MAT 5135

(n,n') He-3

51-Sb-124

Radionuclide Production Cross Section



27

Incident Energy (MeV)

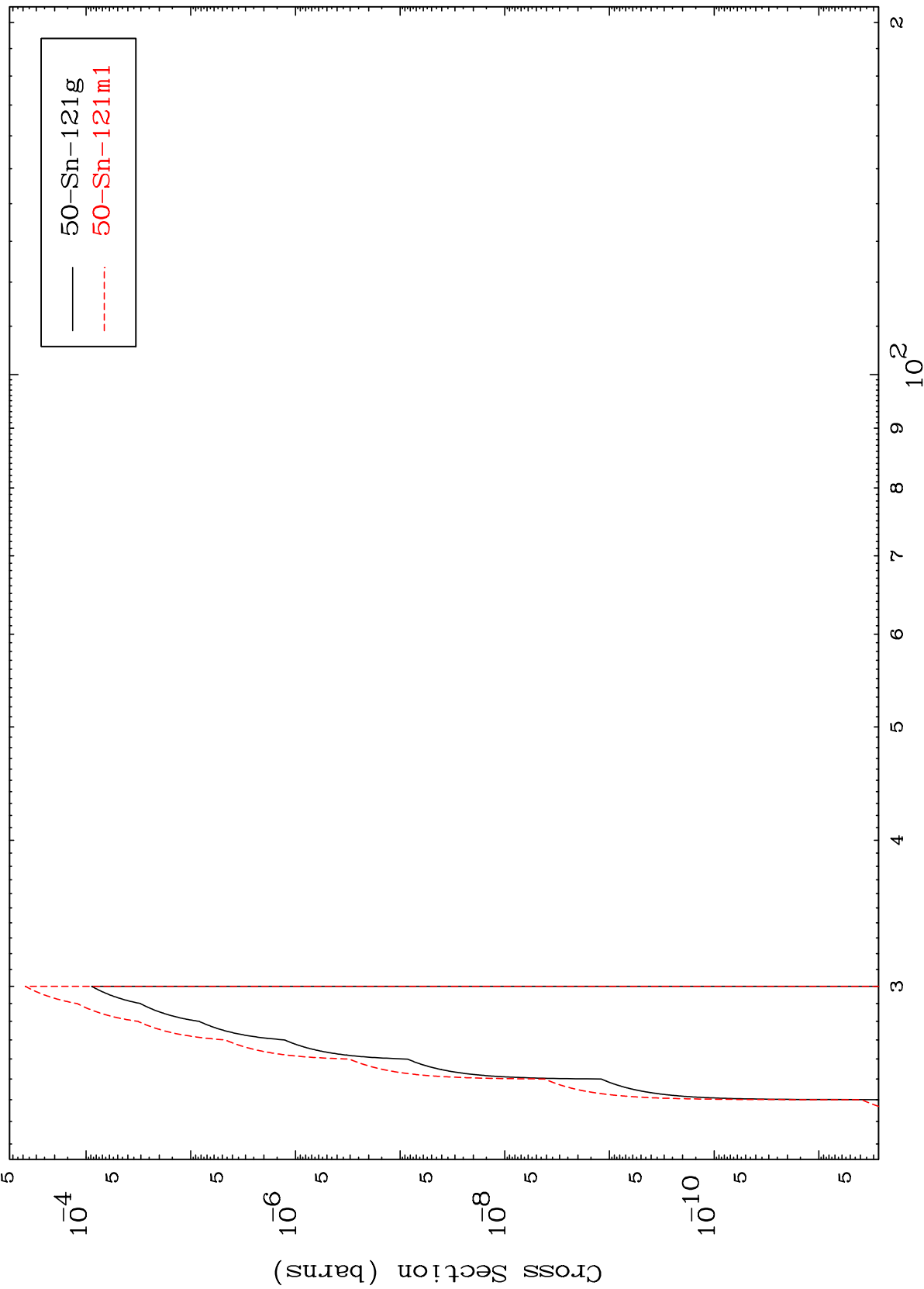
51-Sb-124

MAT 5135

(n,3n) p

51-Sb-124

Radionuclide Production Cross Section



28

Incident Energy (MeV)

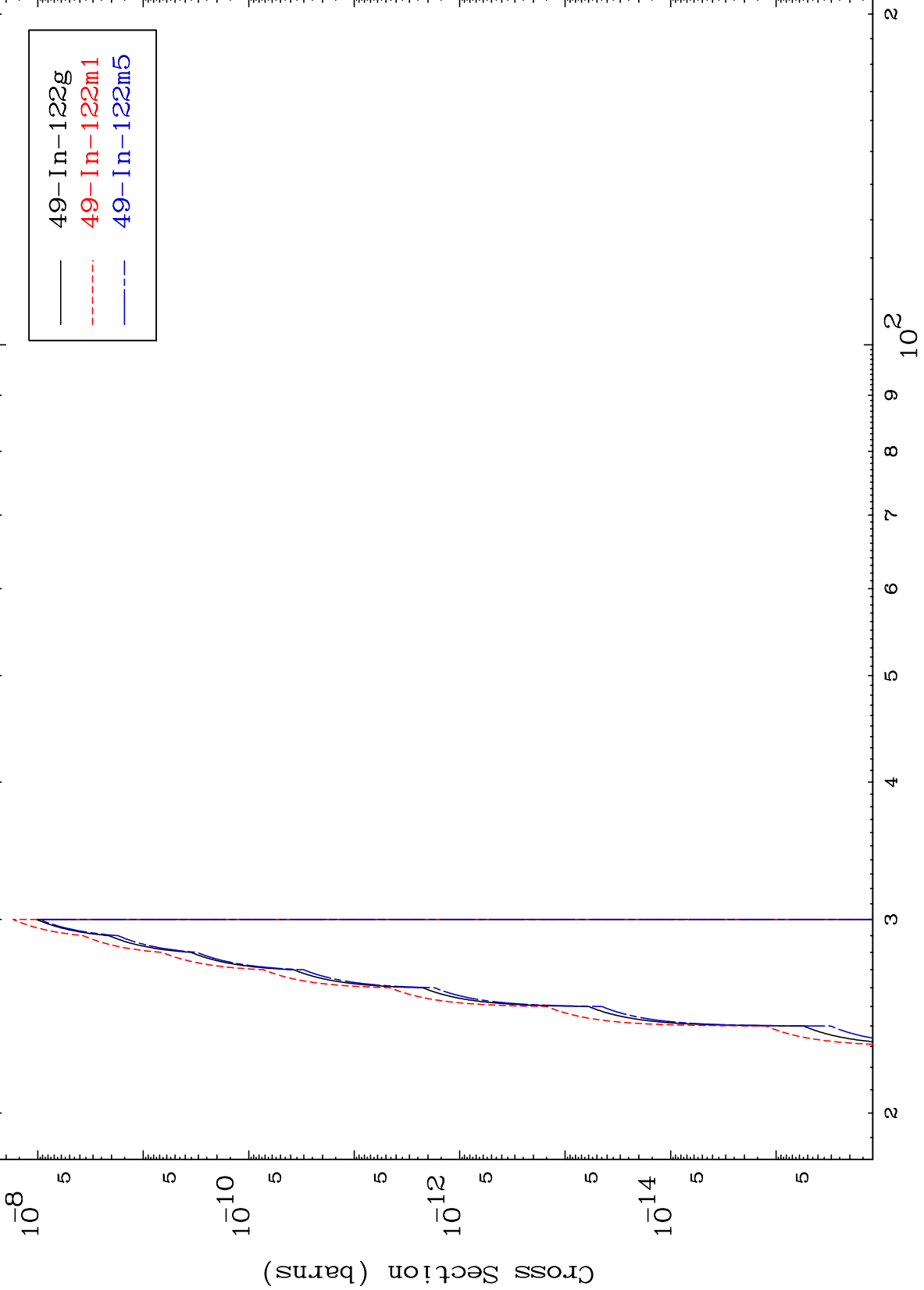
51-Sb-124

MAT 5135

(n,2n) p

51-Sb-124

Radionuclide Production Cross Section



29

Incident Energy (MeV)

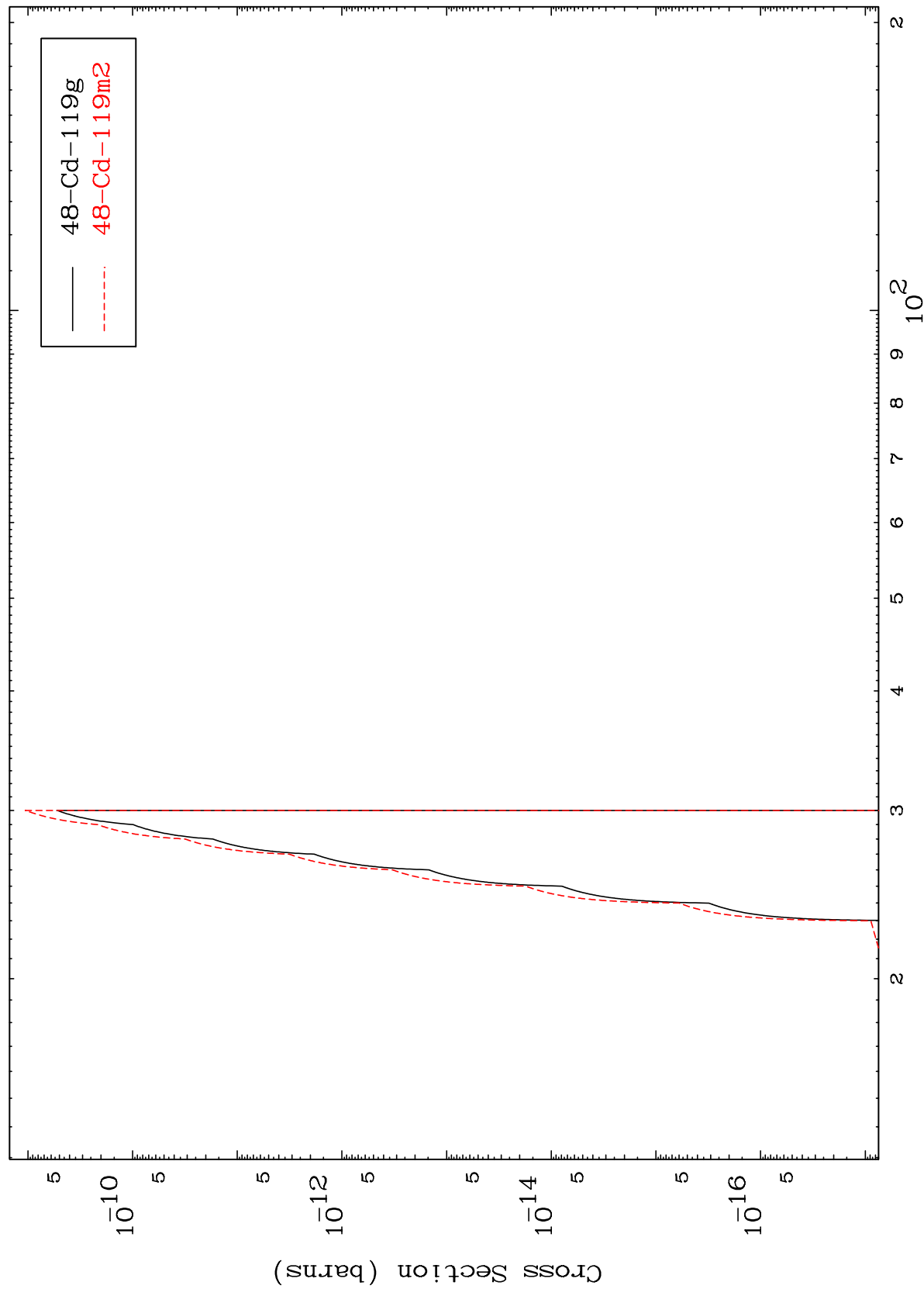
51-Sb-124

MAT 5135

(n,n') p  $\alpha$

51-Sb-124

Radionuclide Production Cross Section



30

Incident Energy (MeV)

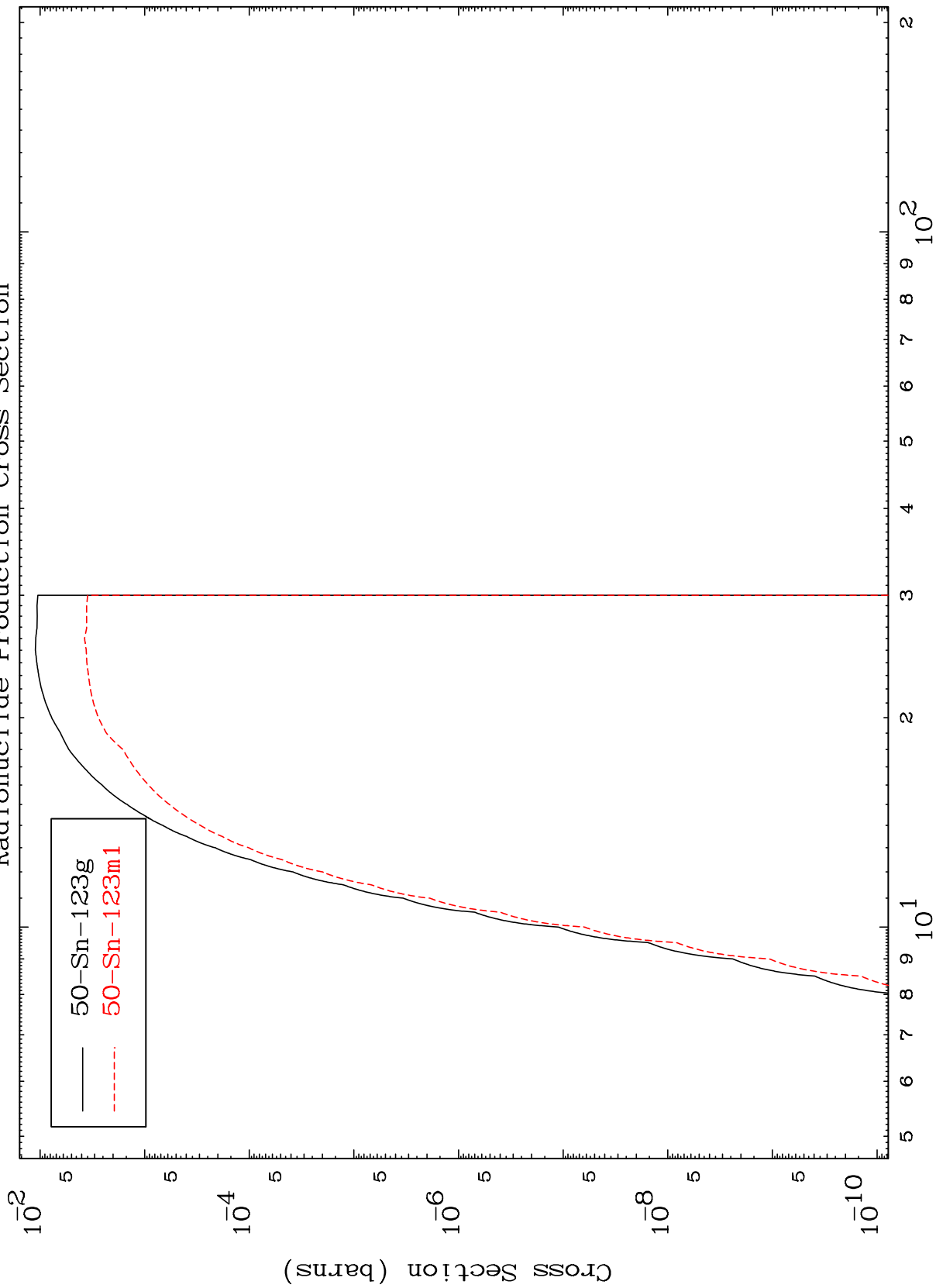
51-Sb-124

MAT 5135

(n,d)

51-Sb-124

Radionuclide Production Cross Section



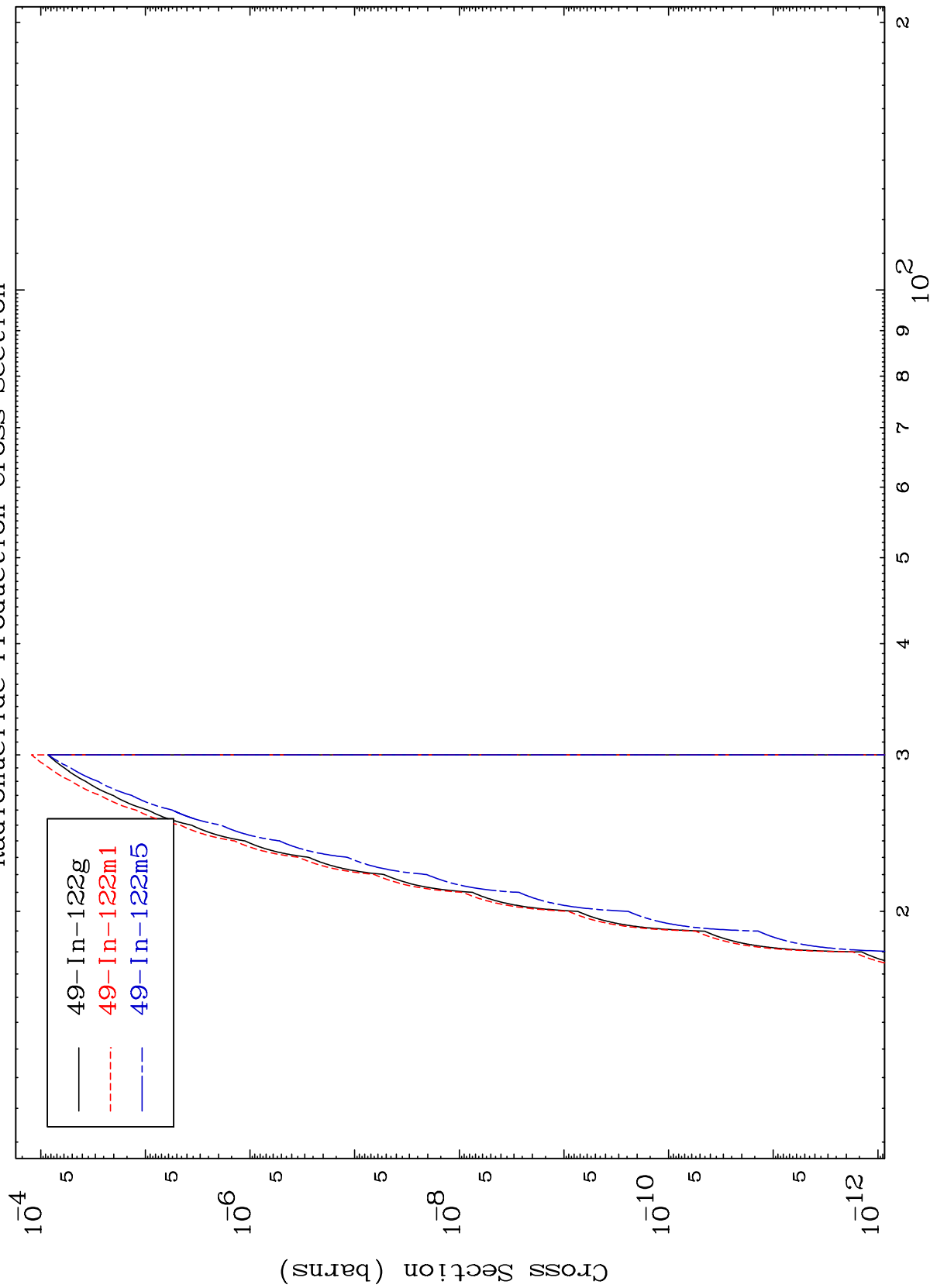
50-Sn-123g  
50-Sn-123m1



MAT 5135

51-Sb-124

(n,He-3)  
Radionuclide Production Cross Section



51-Sb-124

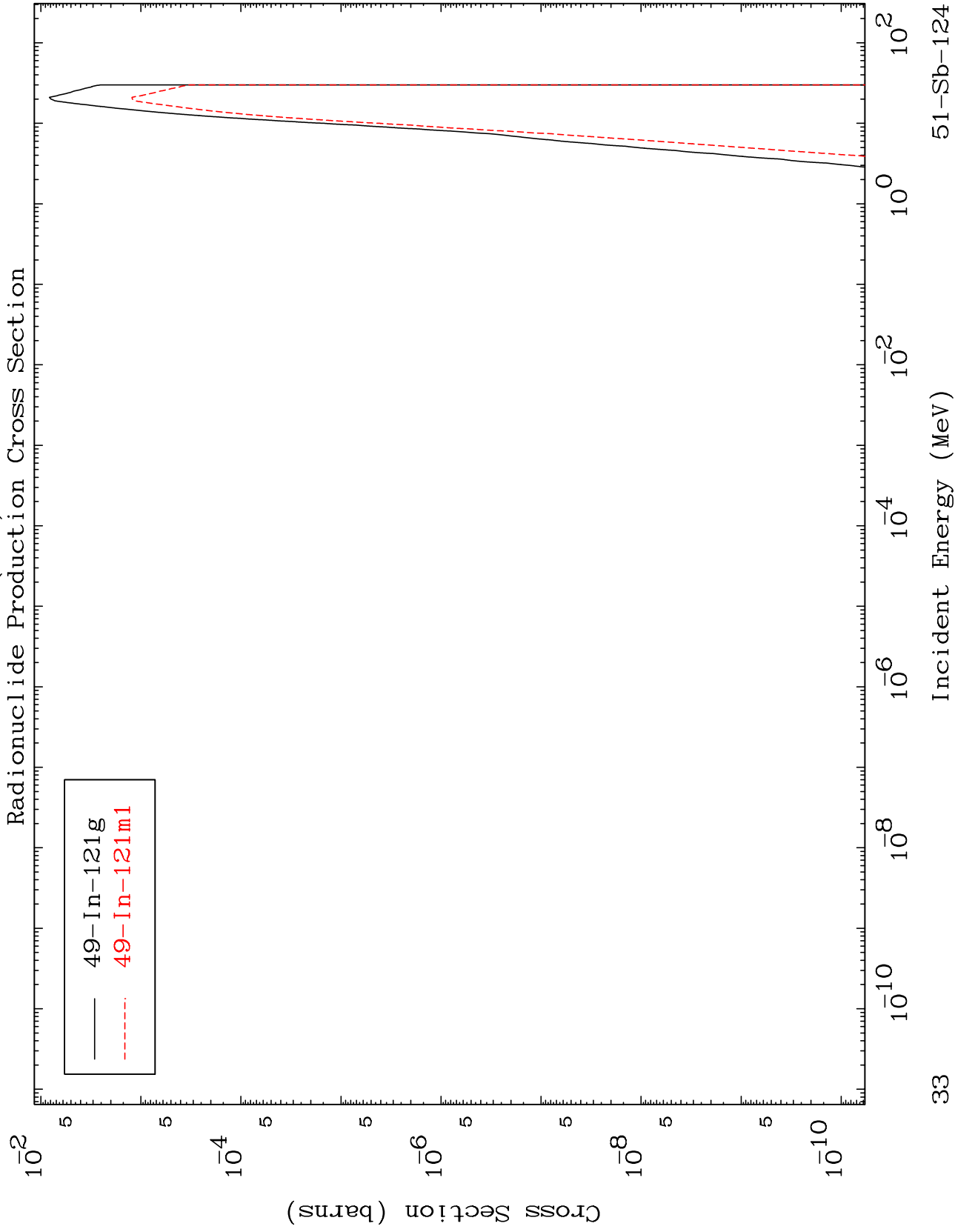
Incident Energy (MeV)

32

MAT 5135

51-Sb-124

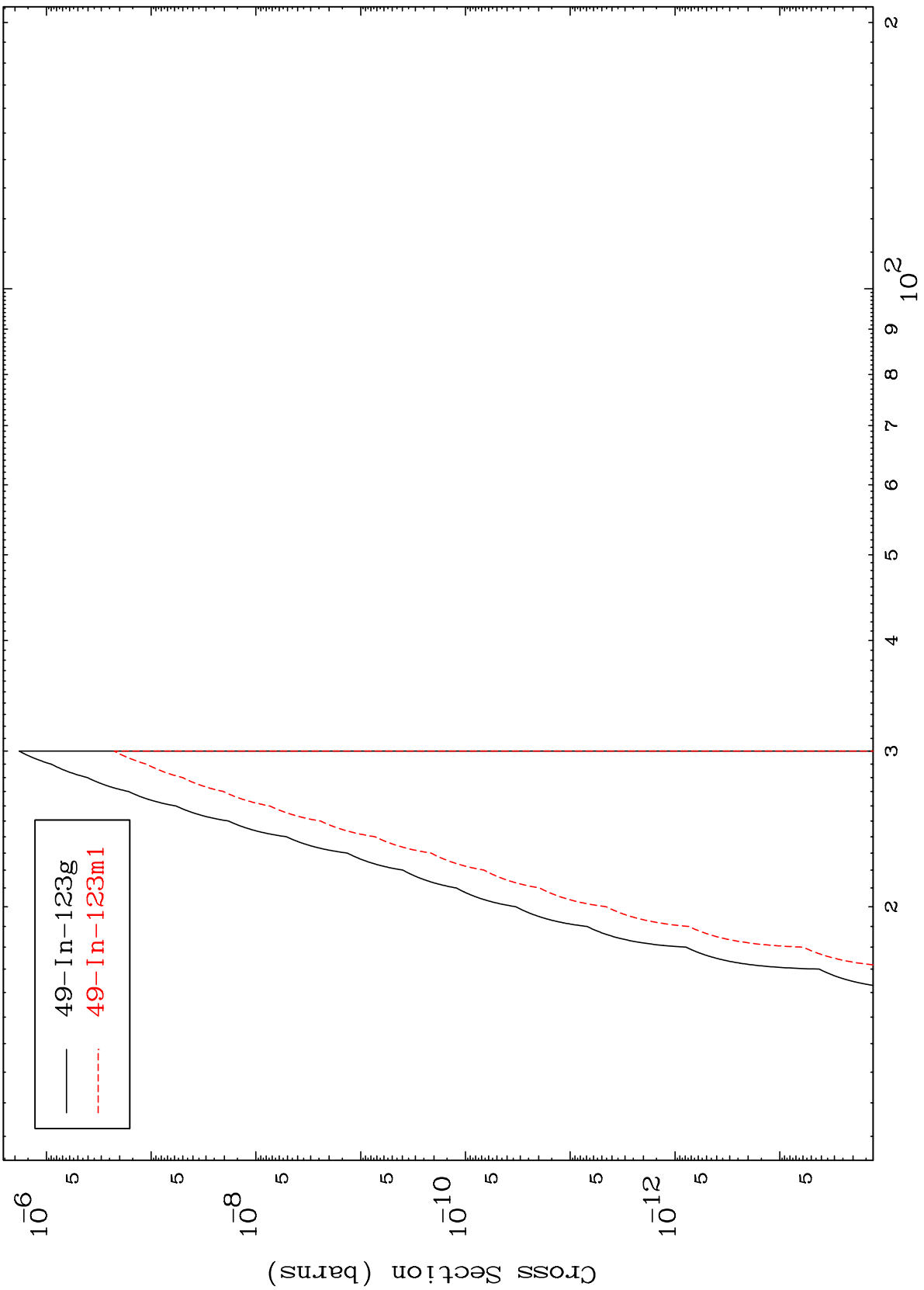
Radionuclide Production Cross Section



MAT 5135

51-Sb-124

(n,2p)  
Radionuclide Production Cross Section



34

Incident Energy (MeV)

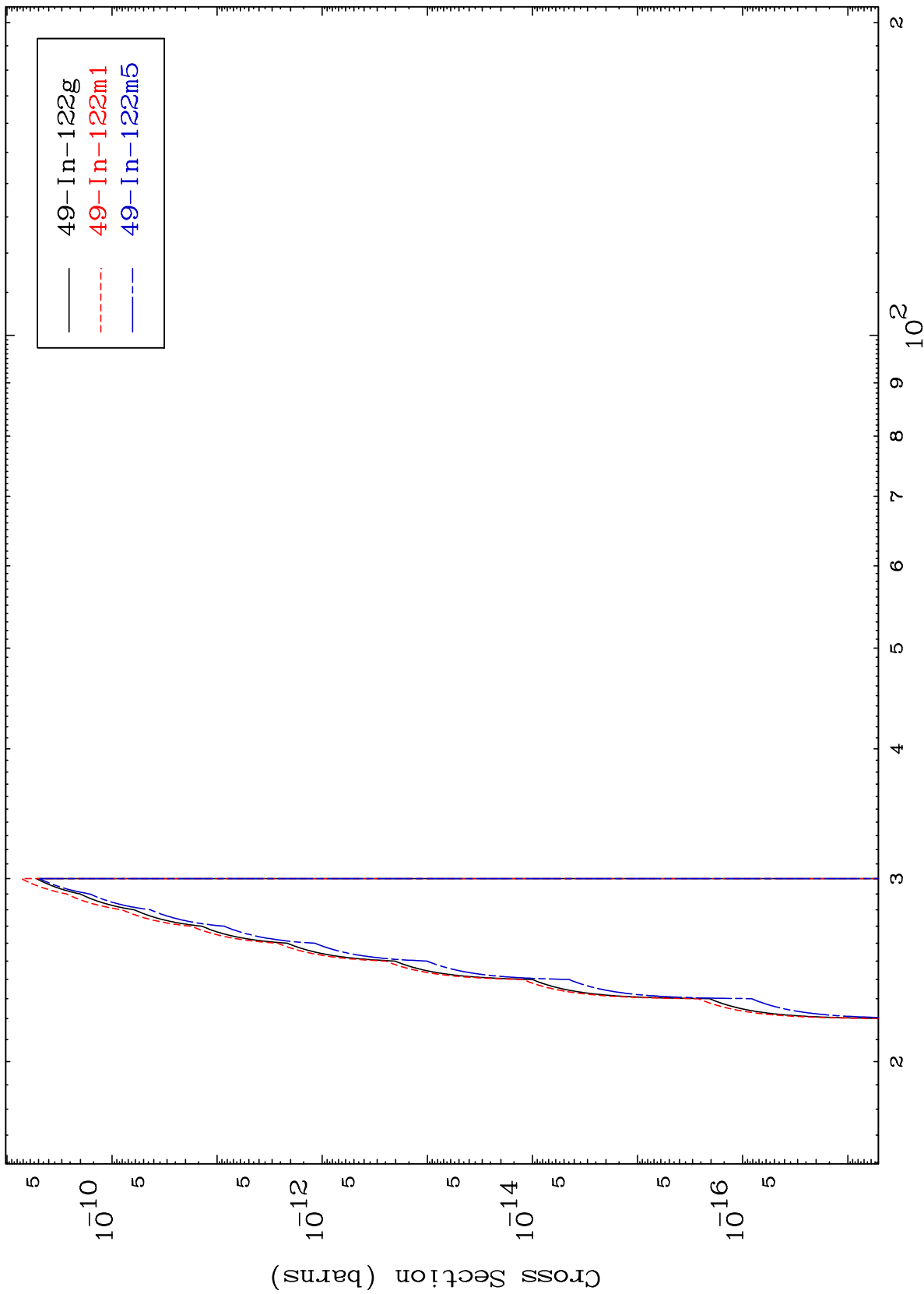
51-Sb-124

MAT 5135

(n,p) d

51-Sb-124

Radionuclide Production Cross Section



35

Incident Energy (MeV)

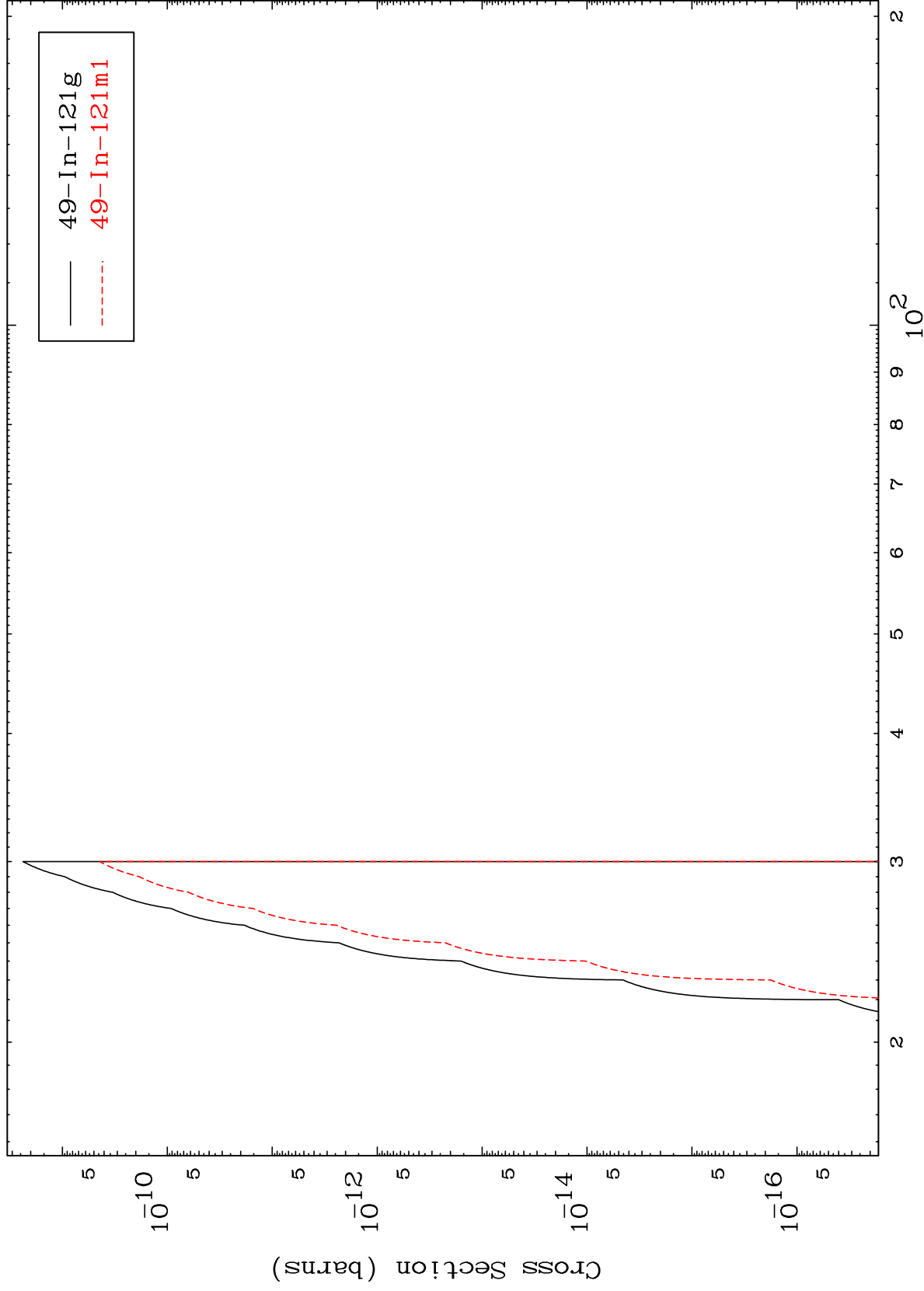
51-Sb-124

MAT 5135

(n,p) t

51-Sb-124

Radionuclide Production Cross Section



36

Incident Energy (MeV)

51-Sb-124