

Program EVALPLOT  
(Version 2018-1)

by

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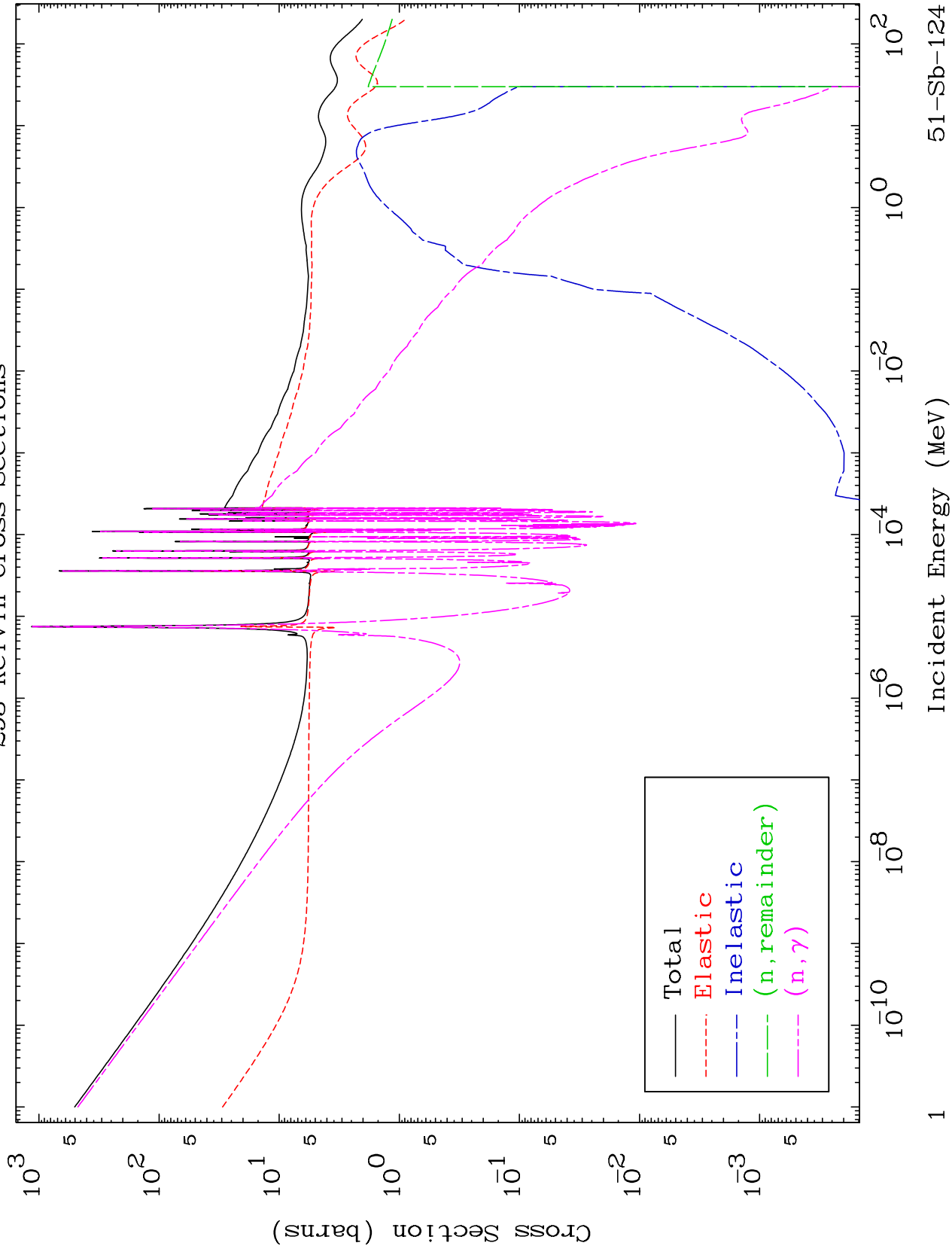
Press Mouse Button to Start

MAT 5136

Major

293 Kelvin Cross Sections

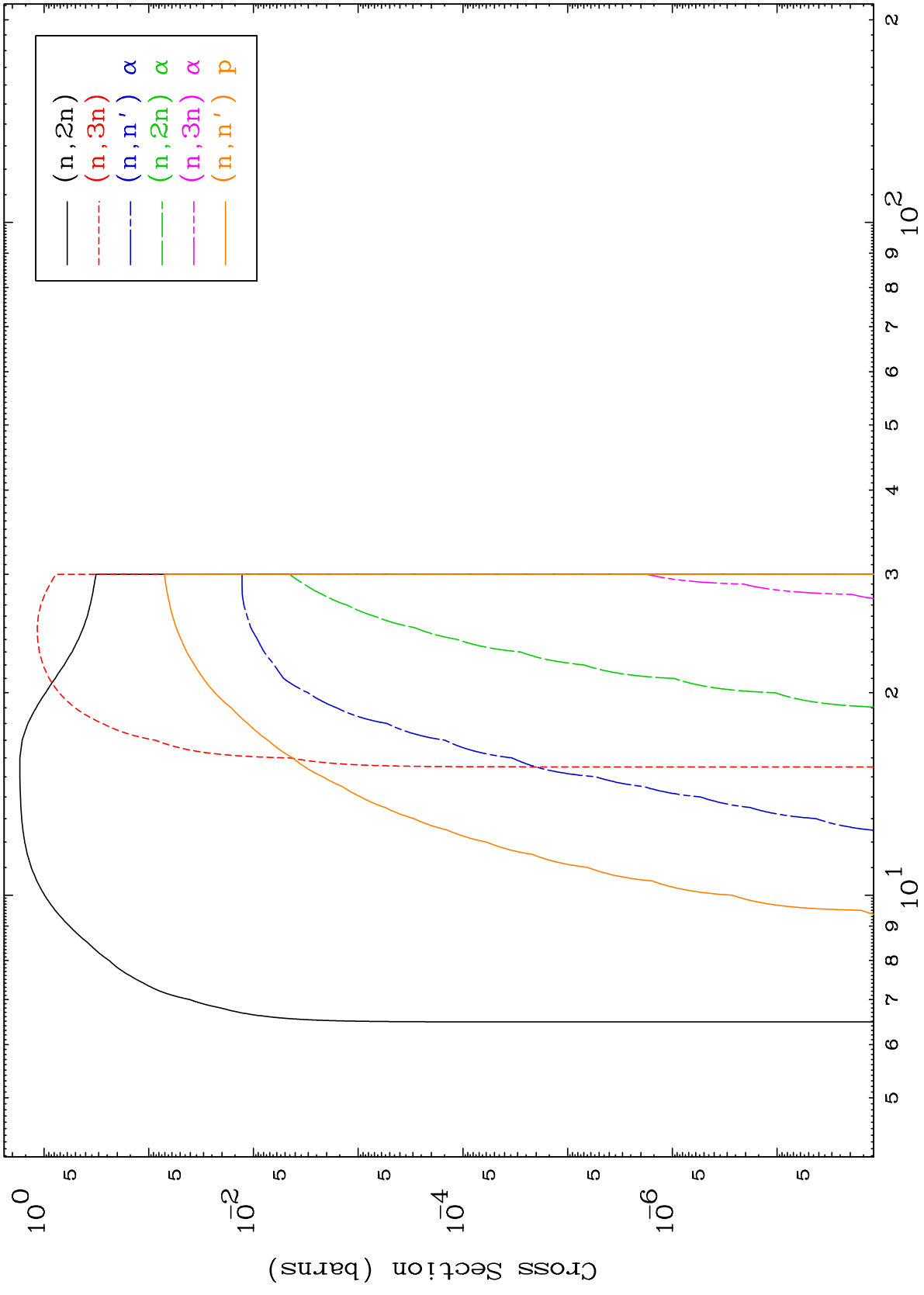
51-Sb-124



MAT 5136

Neutron Production  
293 Kelvin Cross Sections

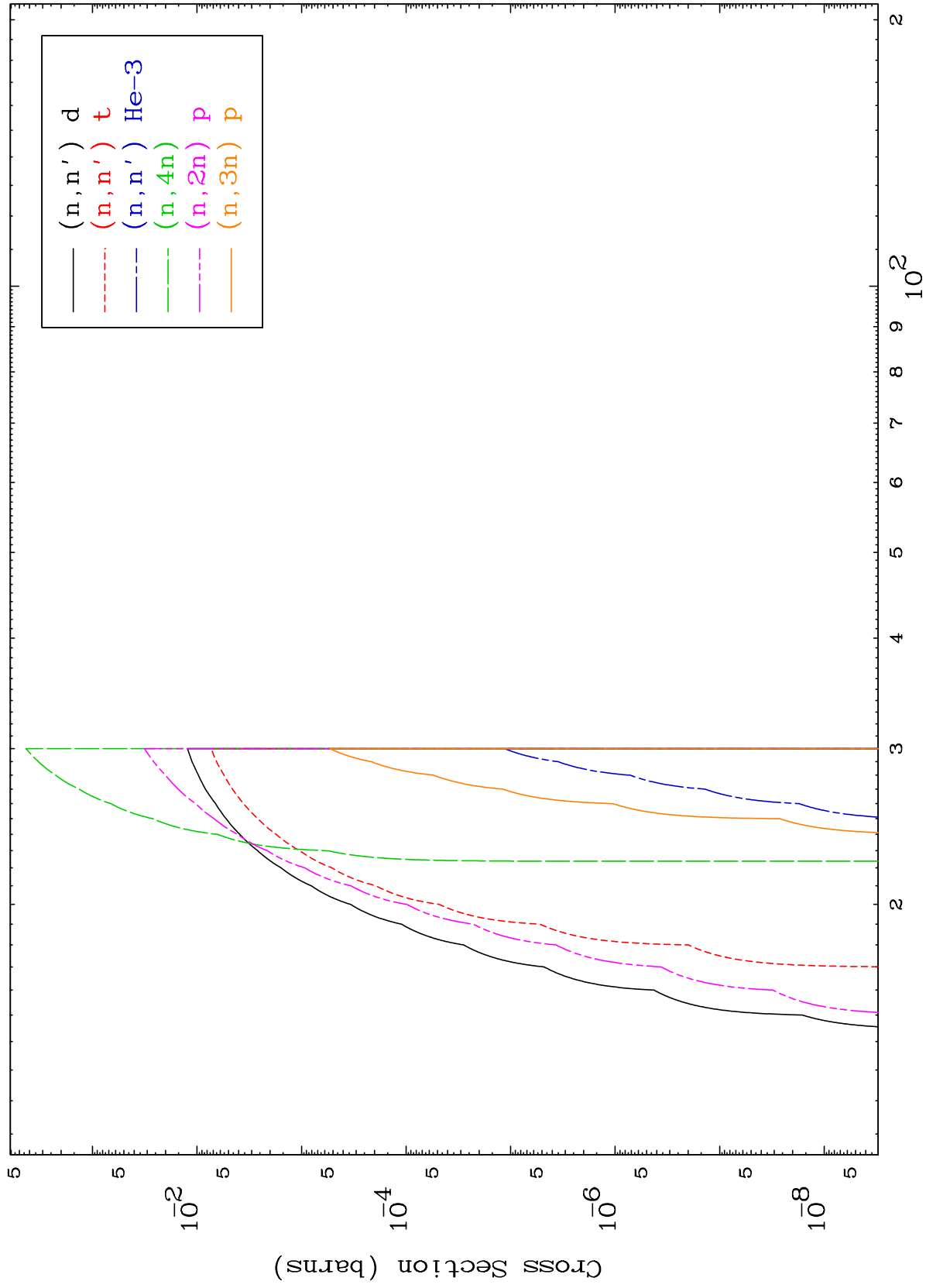
51-Sb-124

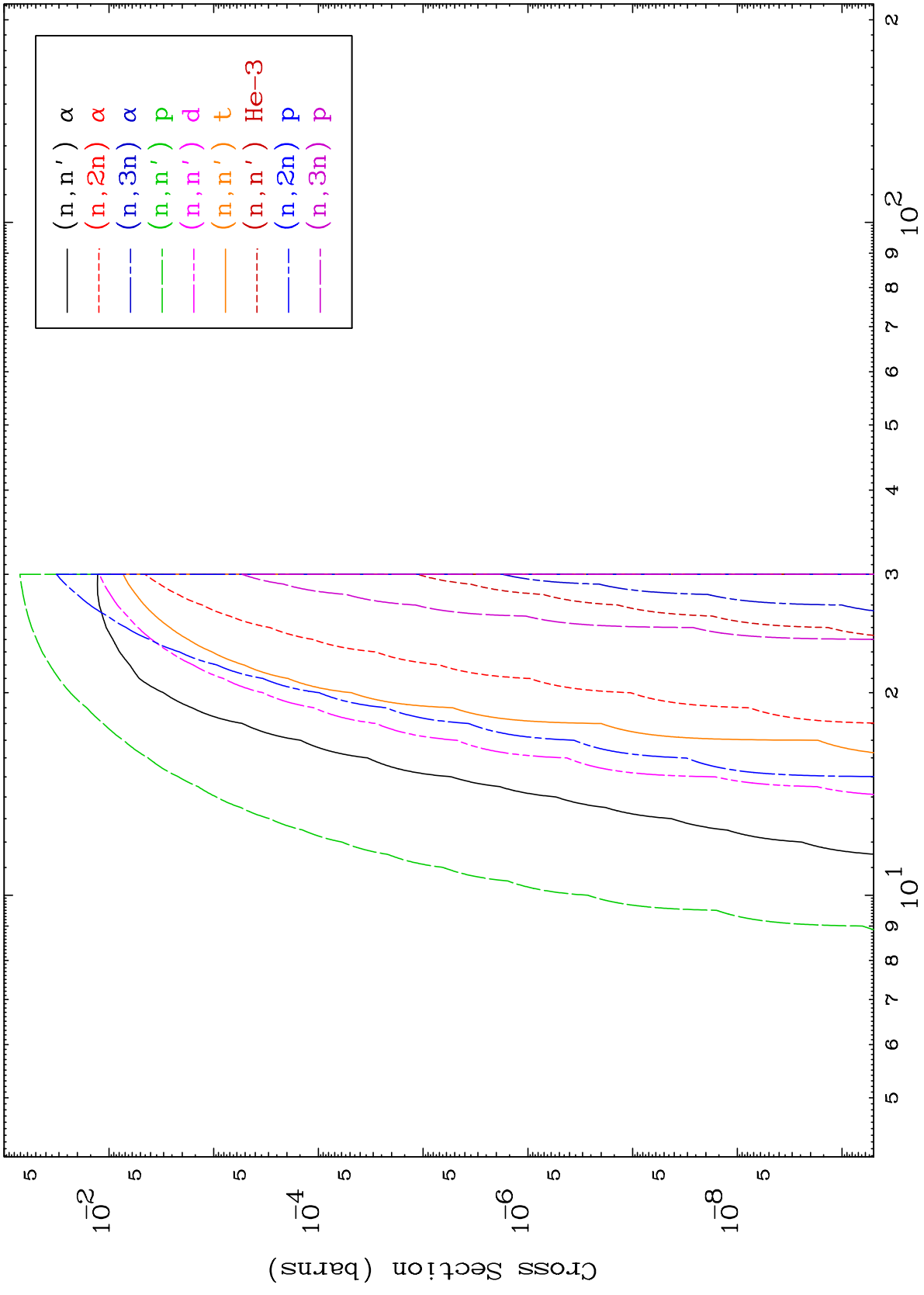


2

Incident Energy (MeV)

51-Sb-124

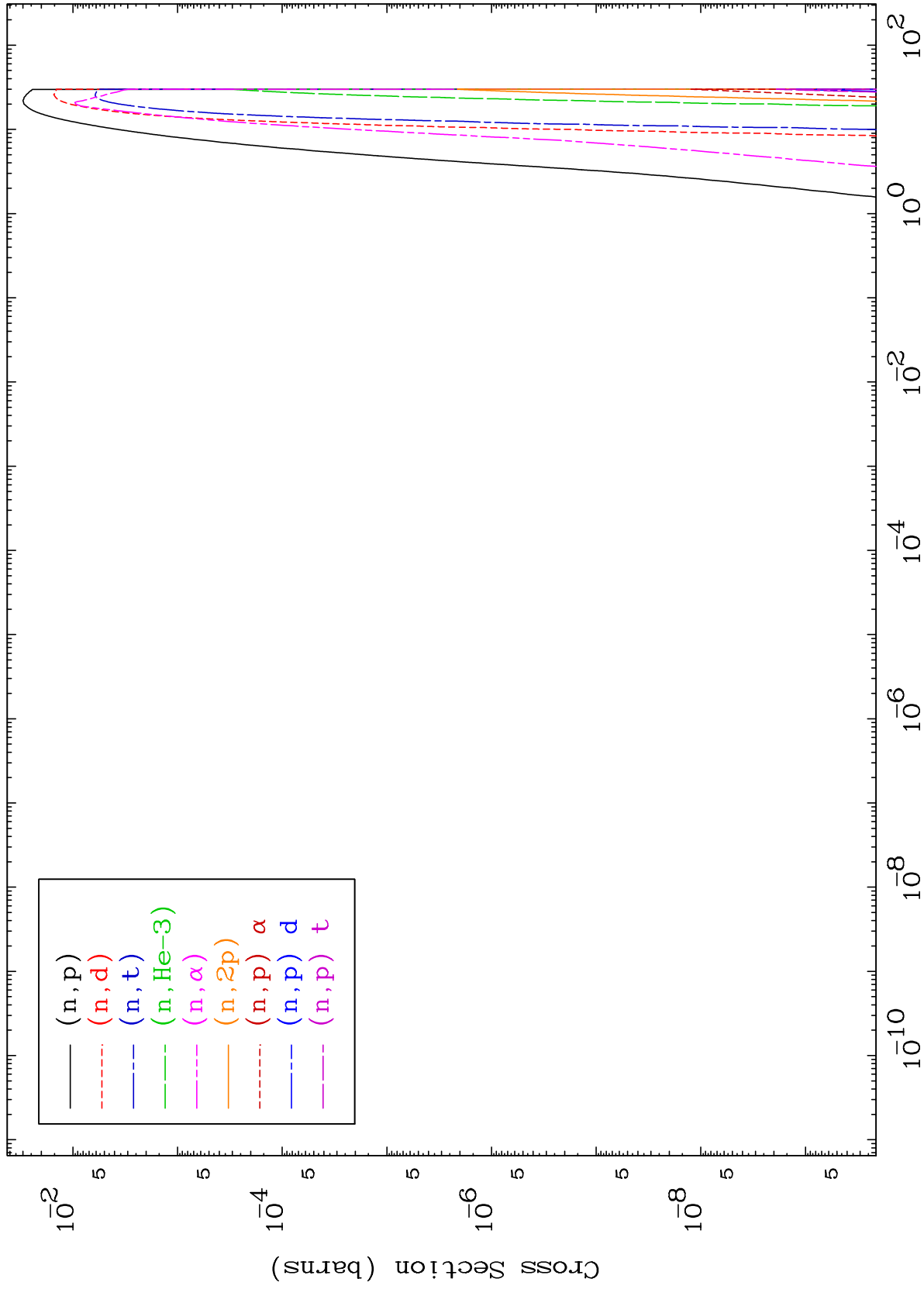




MAT 5136

Charged Particle  
293 Kelvin Cross Sections

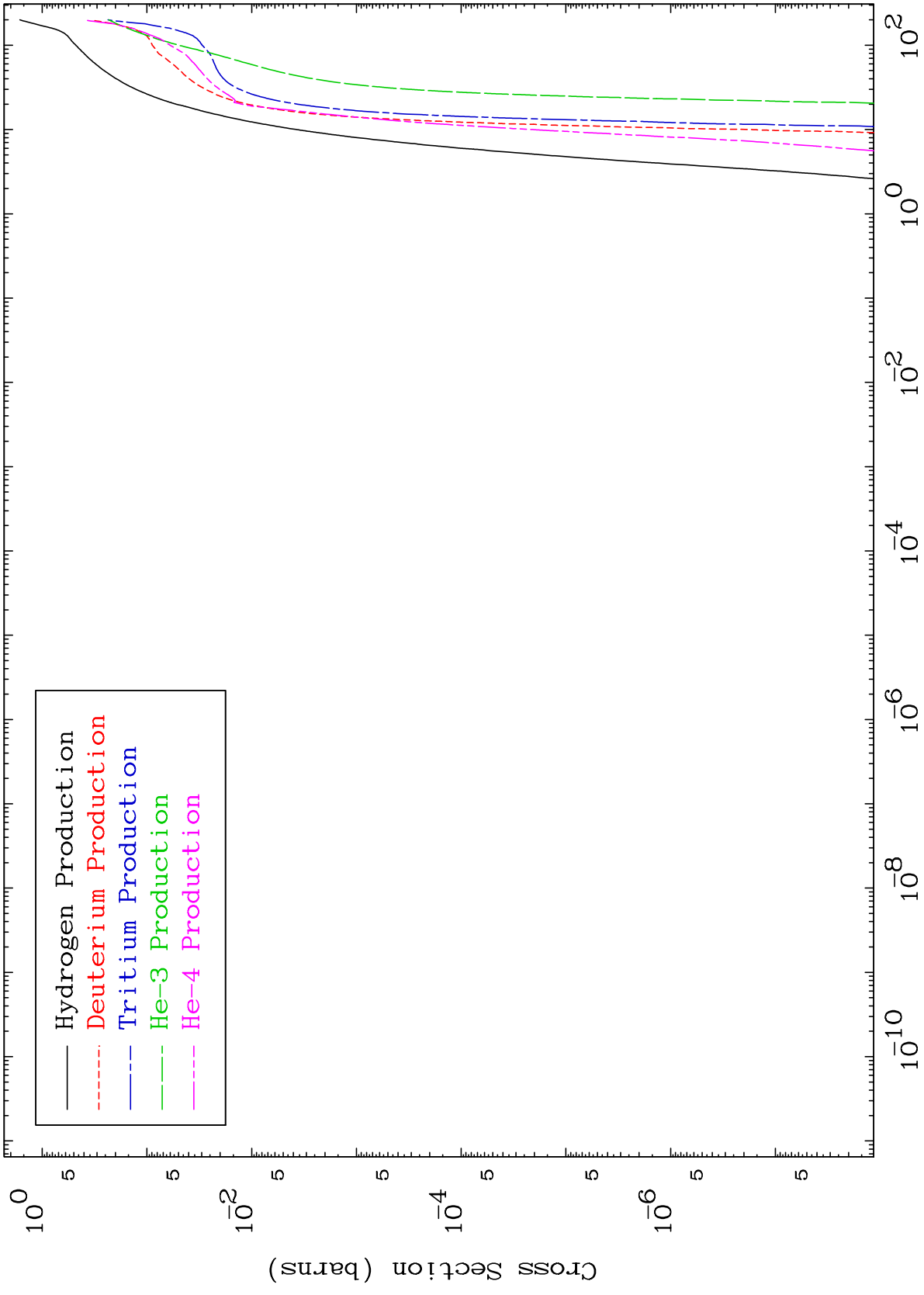
51-Sb-124



MAT 5136

Particle Production  
293 Kelvin Cross Sections

51-Sb-124

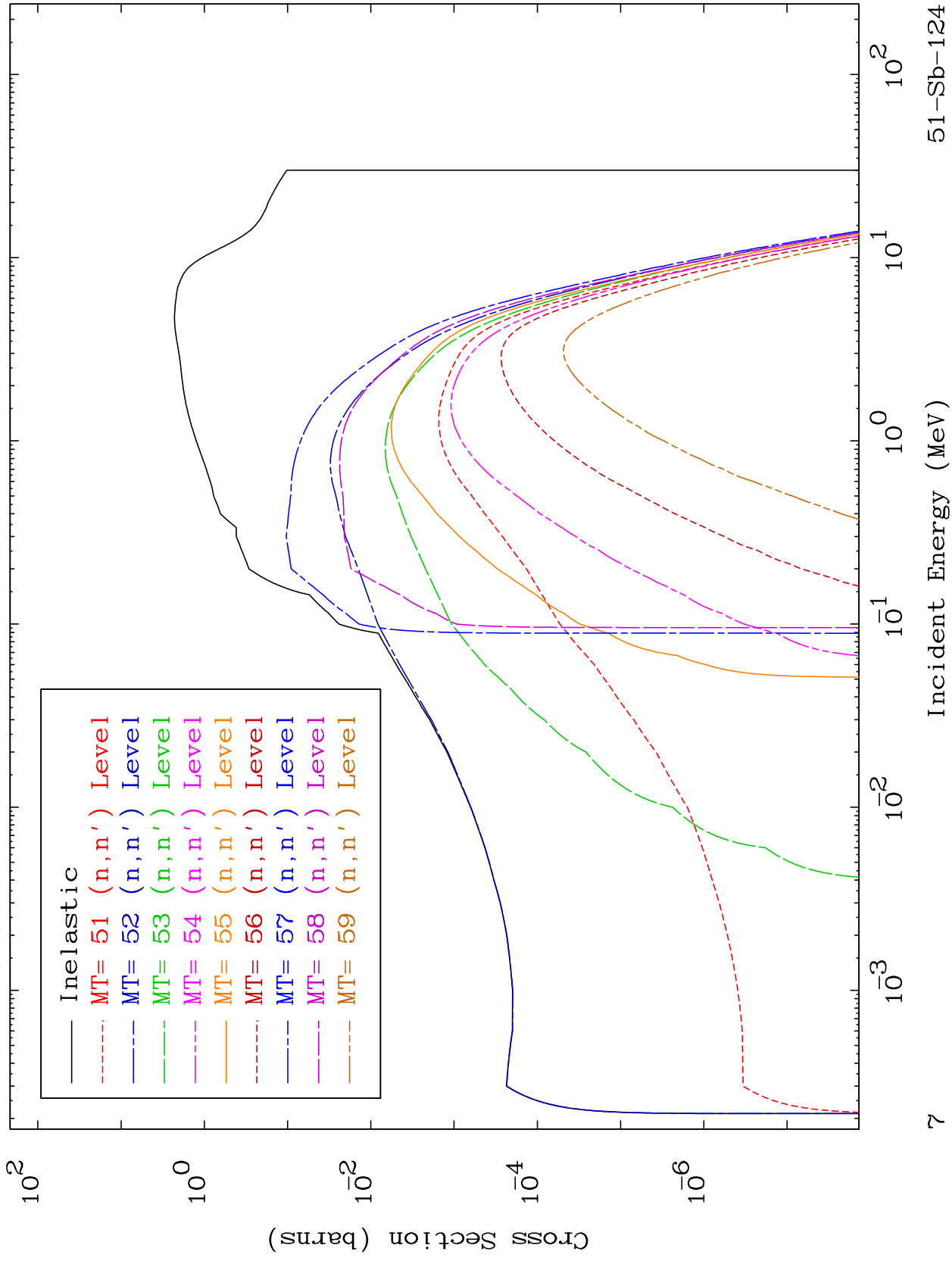


51-Sb-124

MAT 5136

(n,n') Level  
293 Kelvin Cross Sections

51-Sb-124



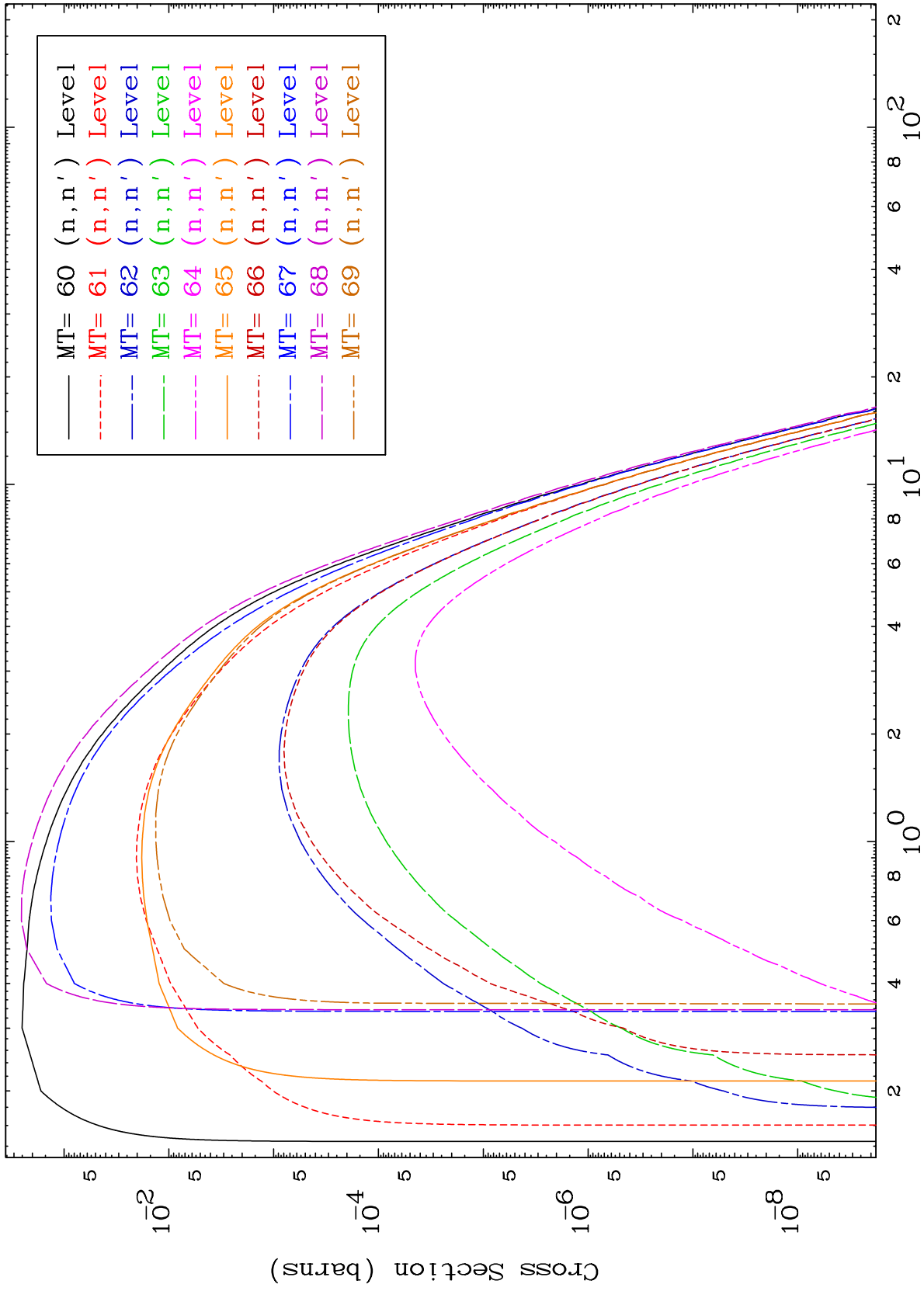
51-Sb-124



MAT 5136

(n,n') Level  
293 Kelvin Cross Sections

51-Sb-124



8

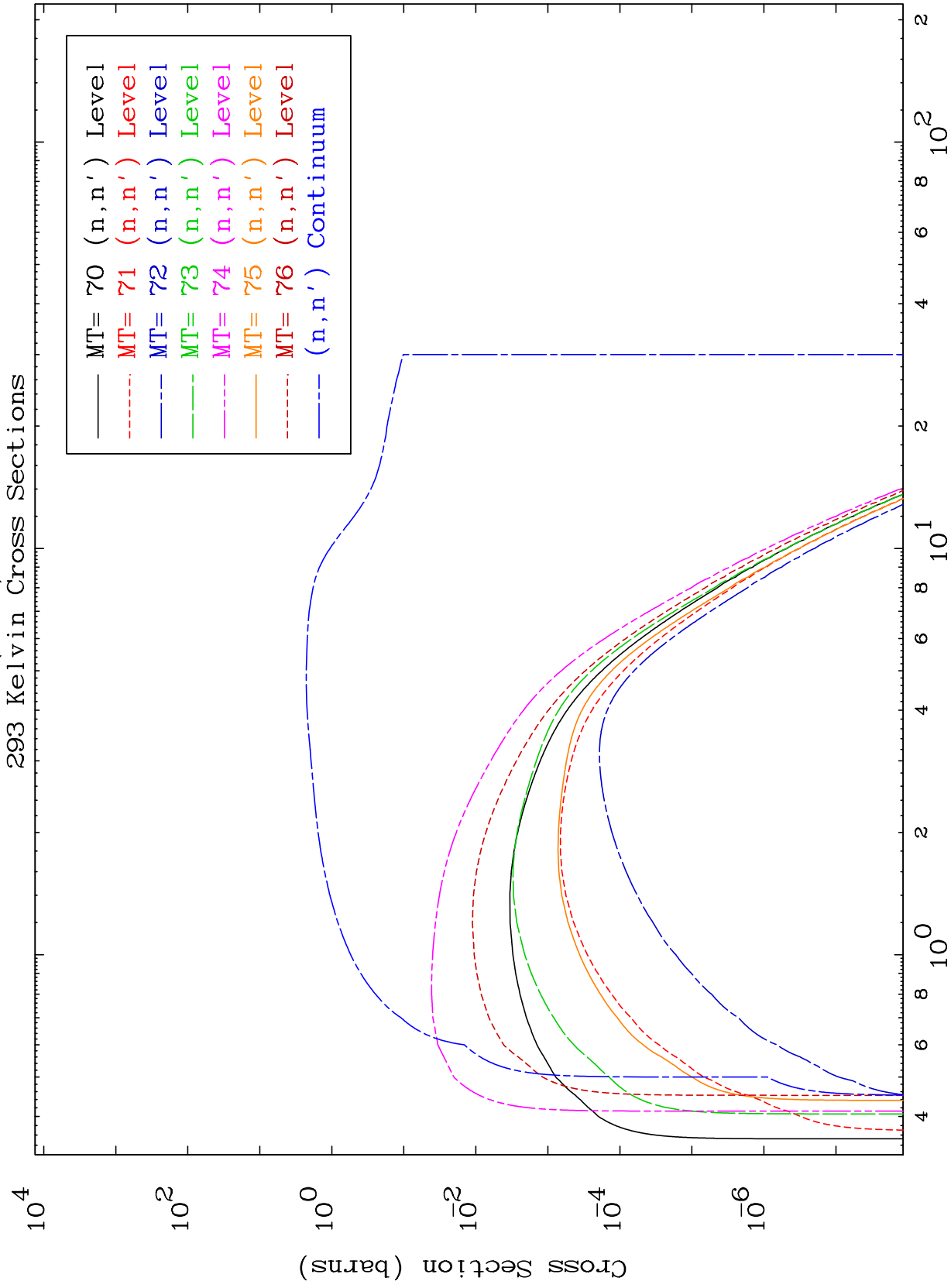
Incident Energy (MeV)

51-Sb-124

MAT 5136

(n,n') Level

51-Sb-124

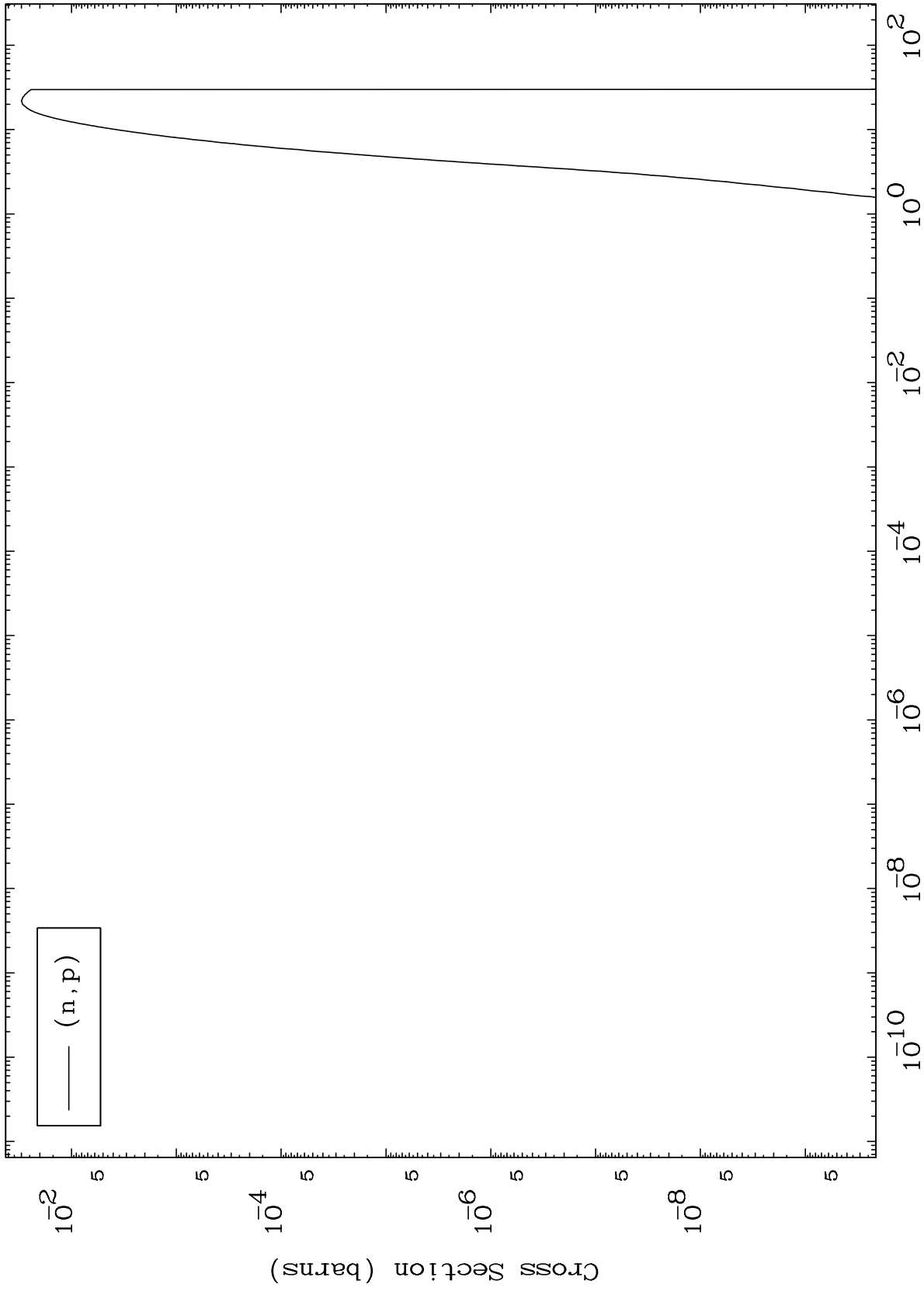


9

MAT 5136

(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-124



10

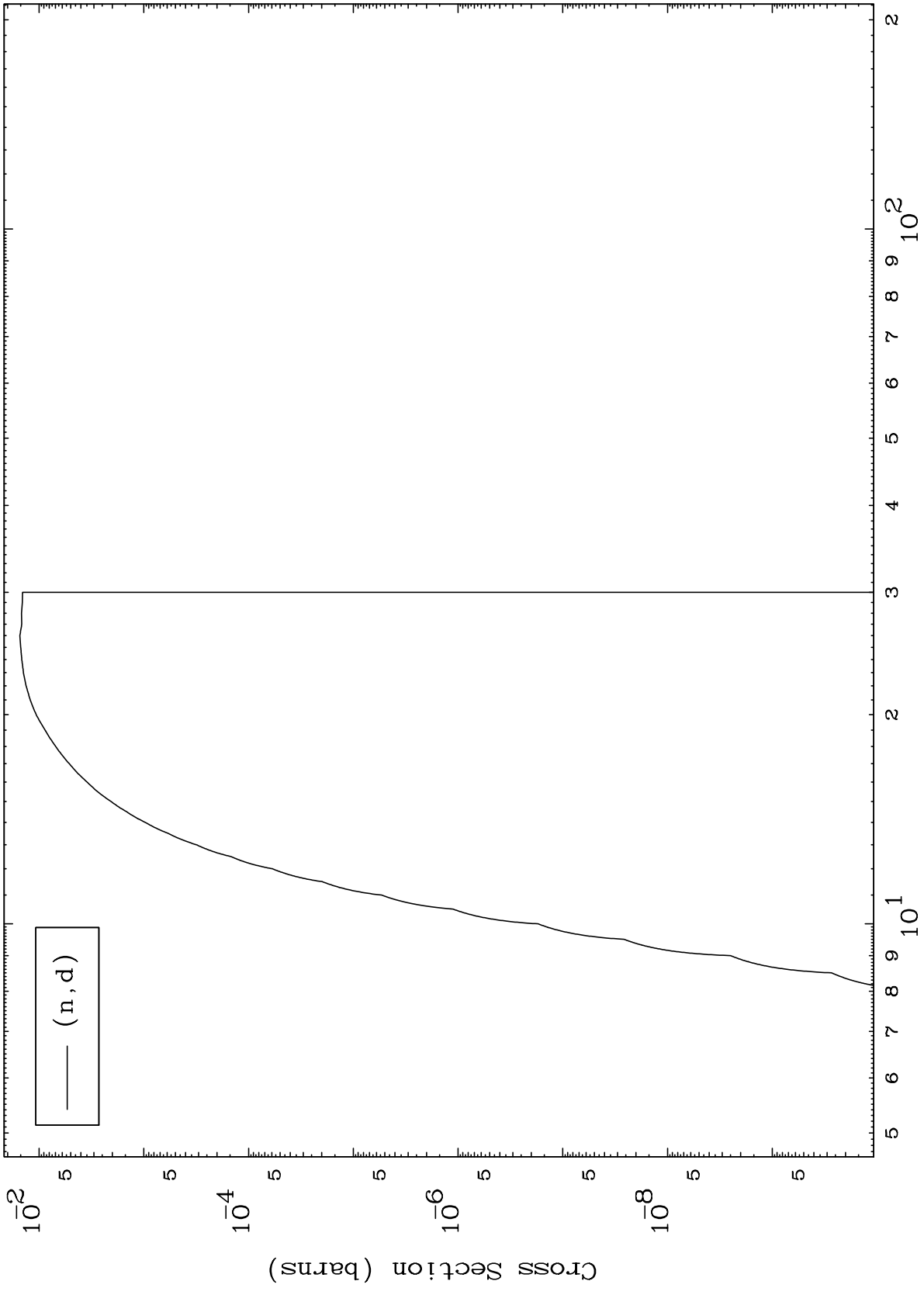
Incident Energy (MeV)

51-Sb-124

MAT 5136

(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-124

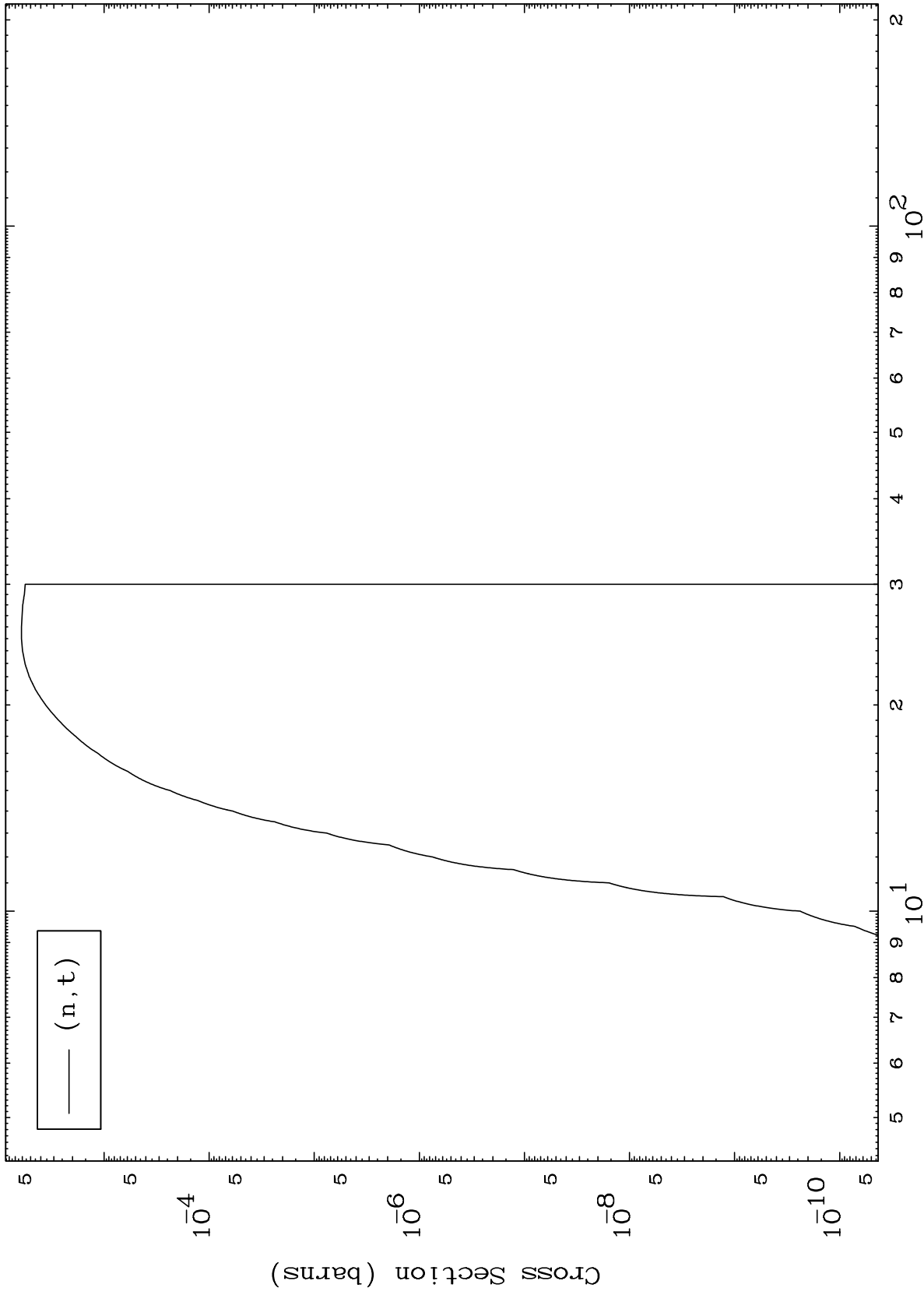


(n,d)

MAT 5136

(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-124



12

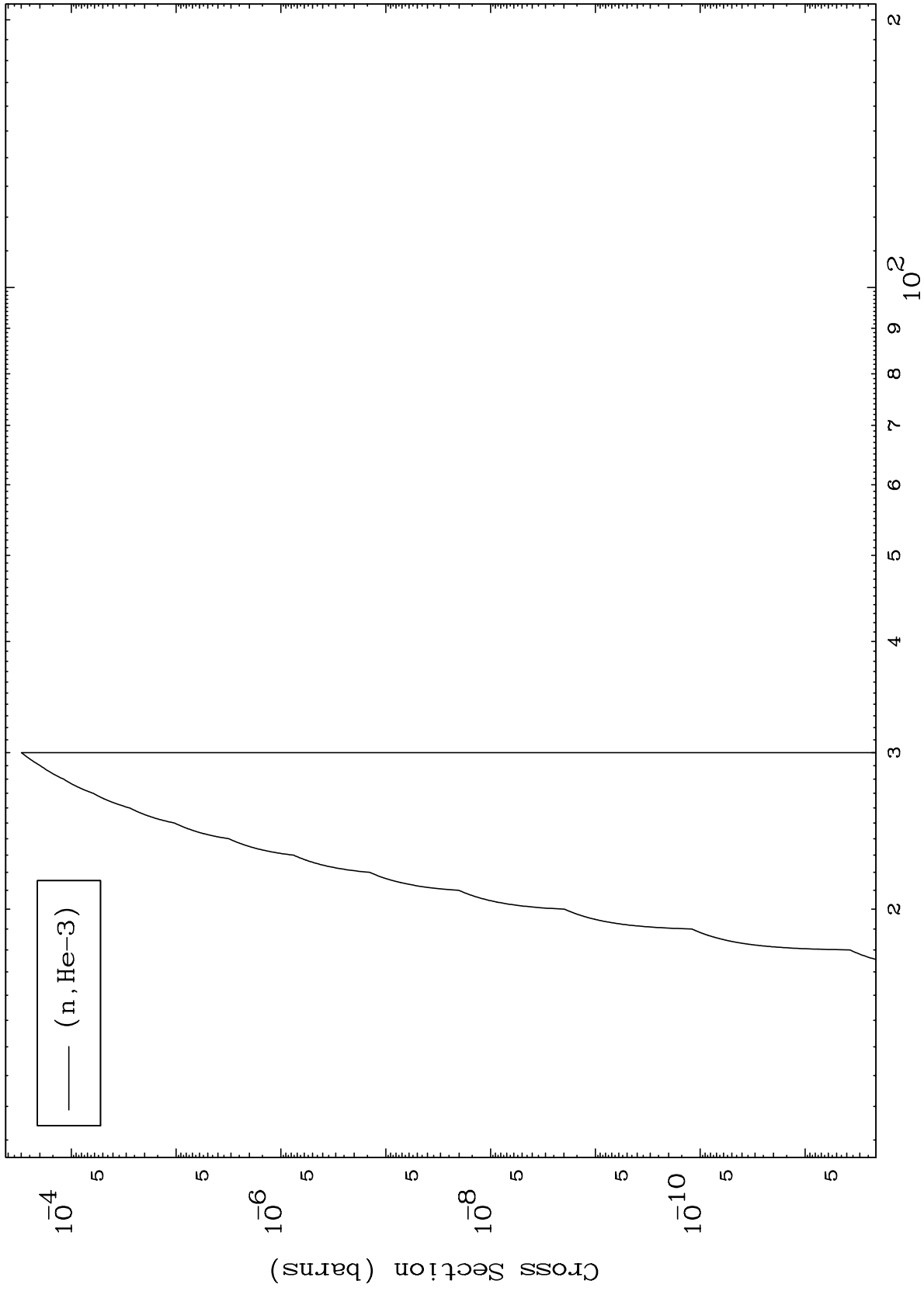
Incident Energy (MeV)

51-Sb-124

MAT 5136

(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-124



13

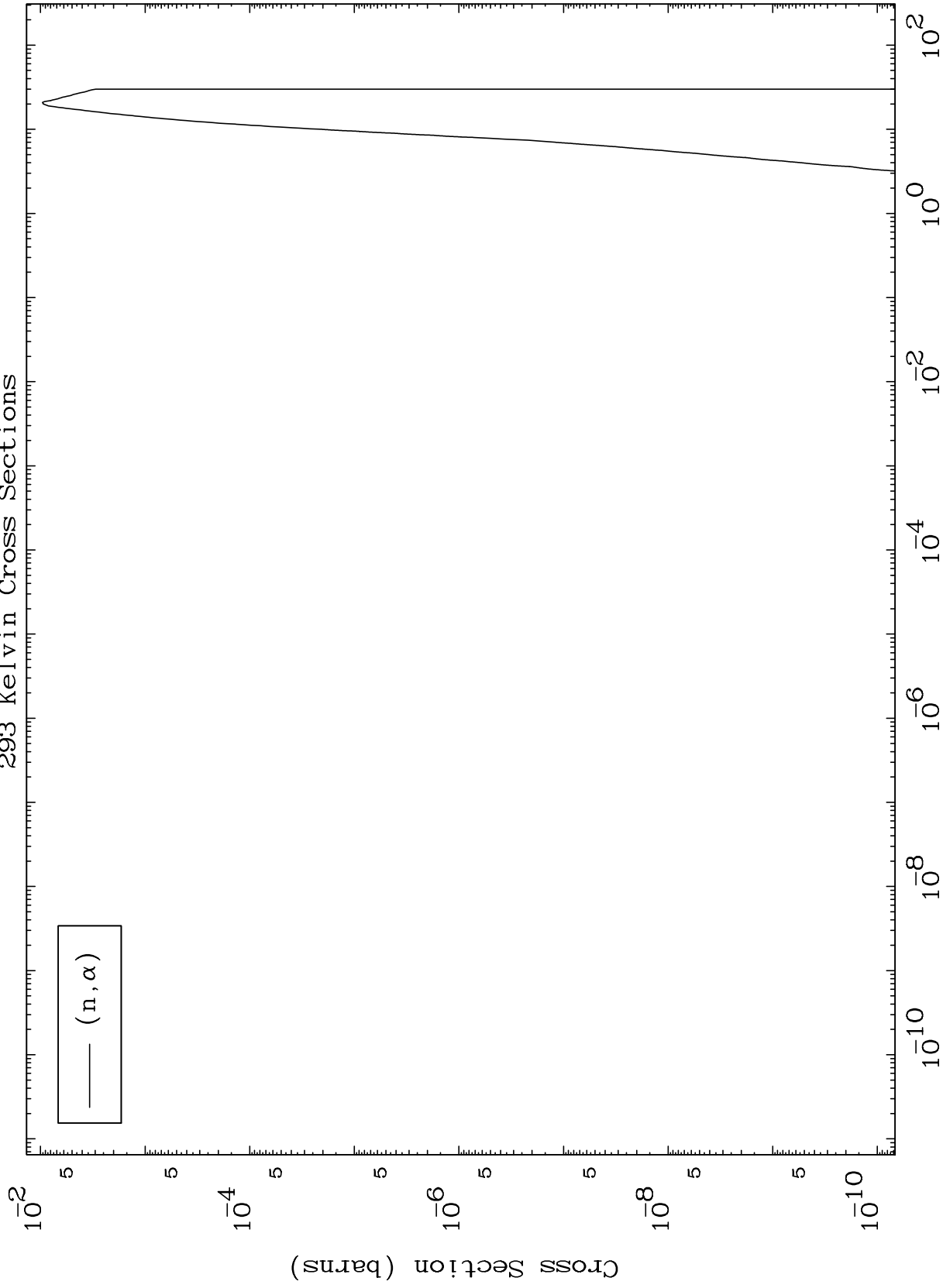
Incident Energy (MeV)

51-Sb-124

MAT 5136

(n,α) Levels  
293 Kelvin Cross Sections

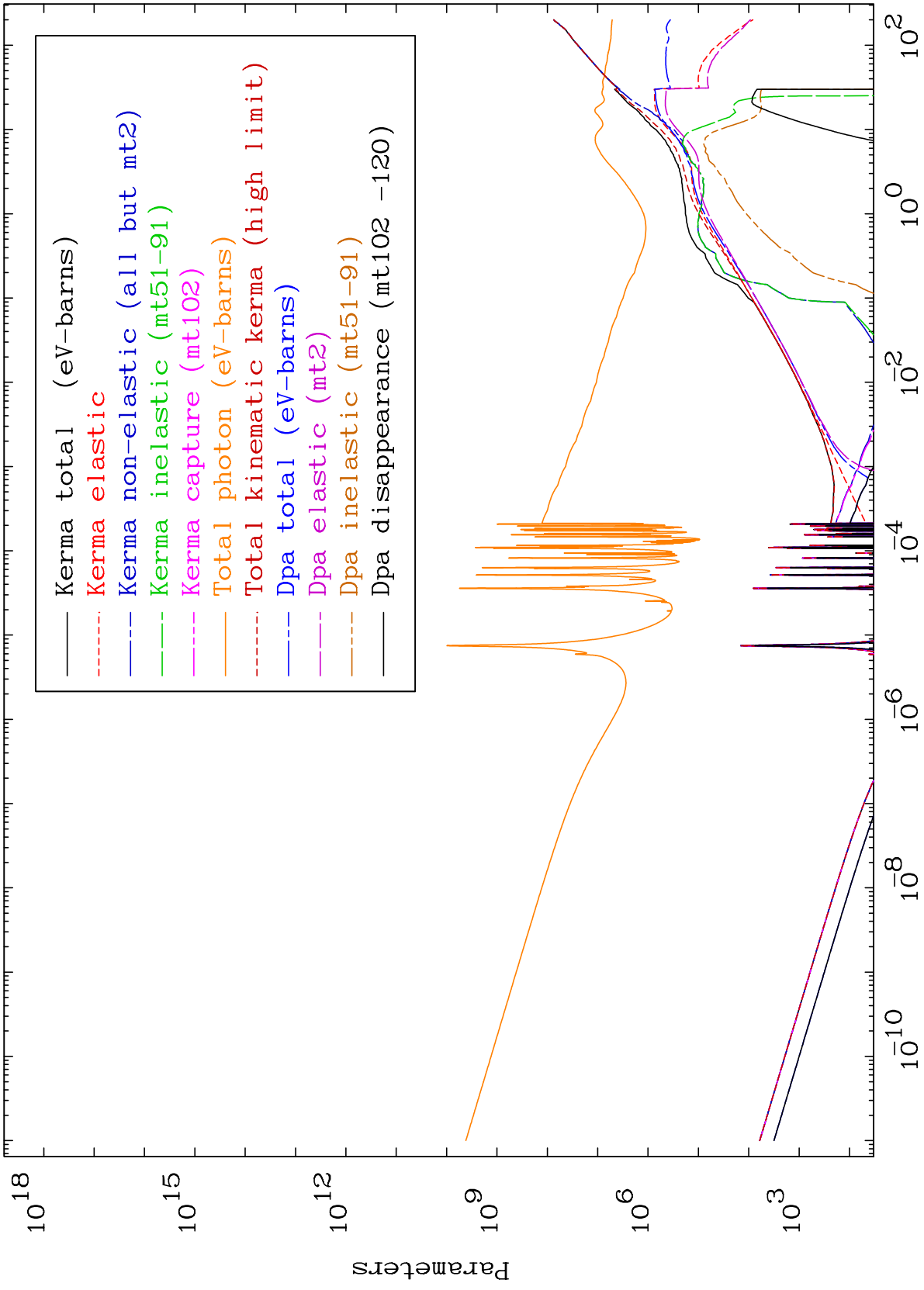
51-Sb-124



14

Incident Energy (MeV)

51-Sb-124

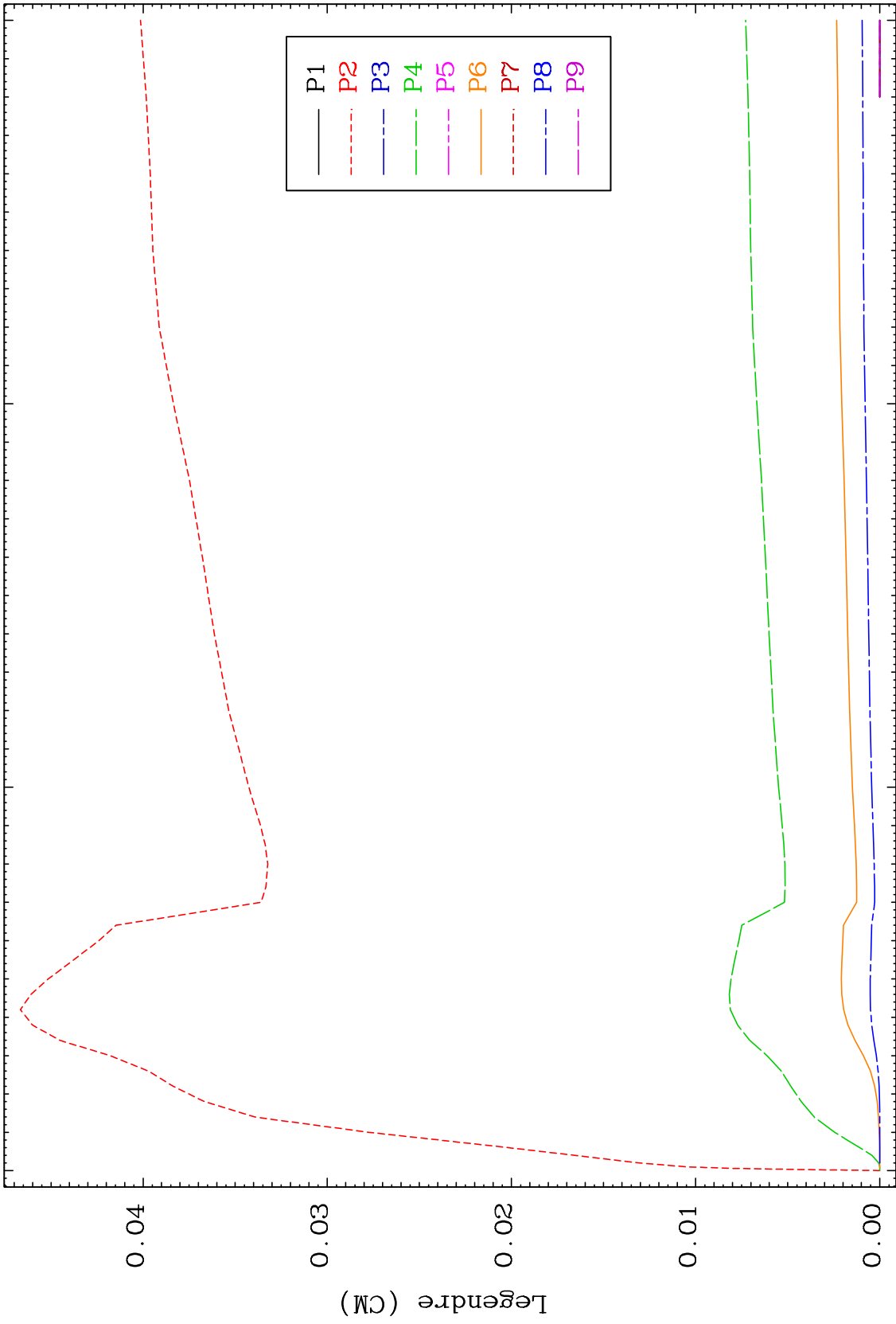




MAT 5136

Elastic Legendre Coefficients

51-Sb-124



16

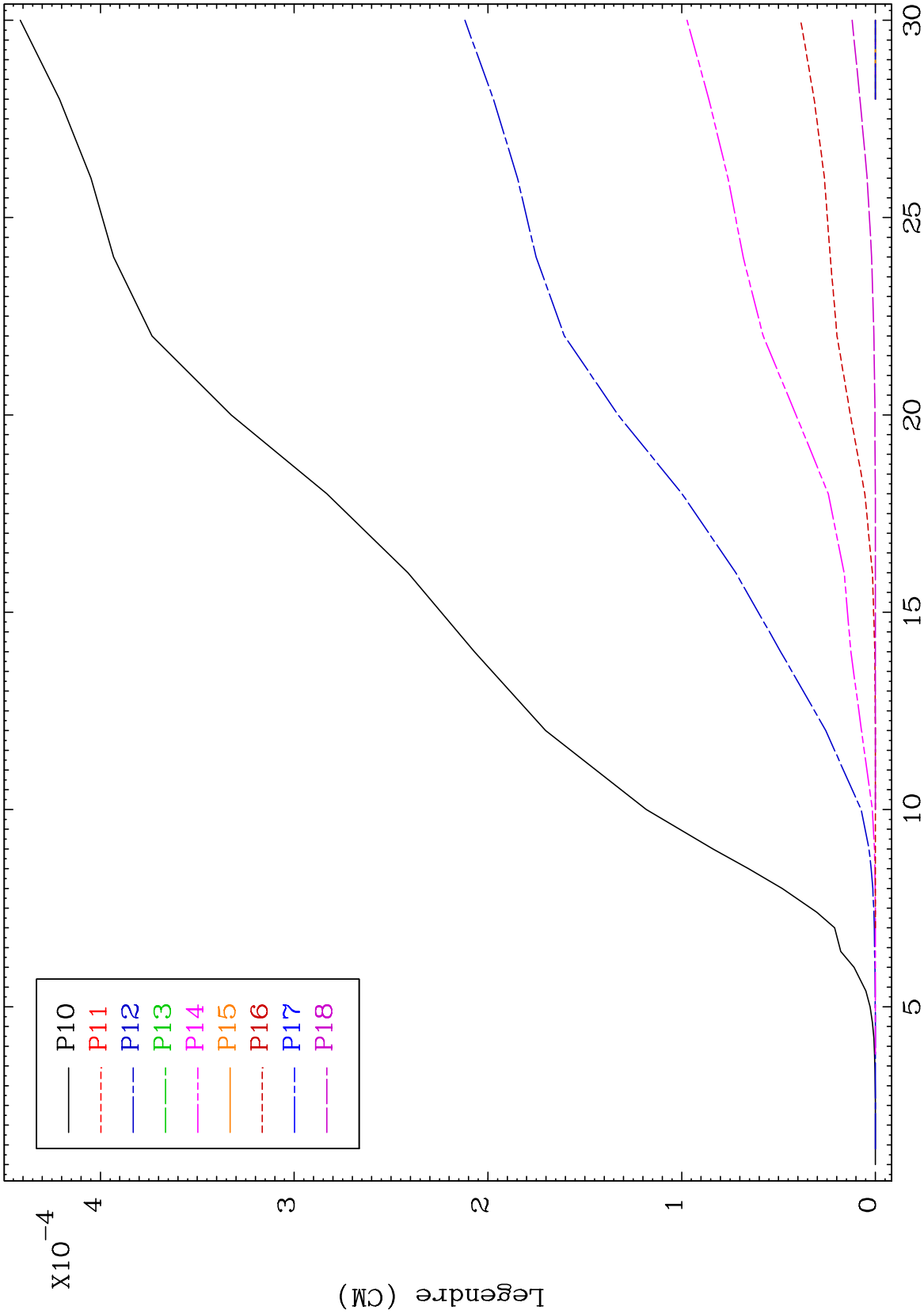
Incident Energy (MeV)

51-Sb-124

MAT 5136

Elastic Legendre Coefficients

51-Sb-124



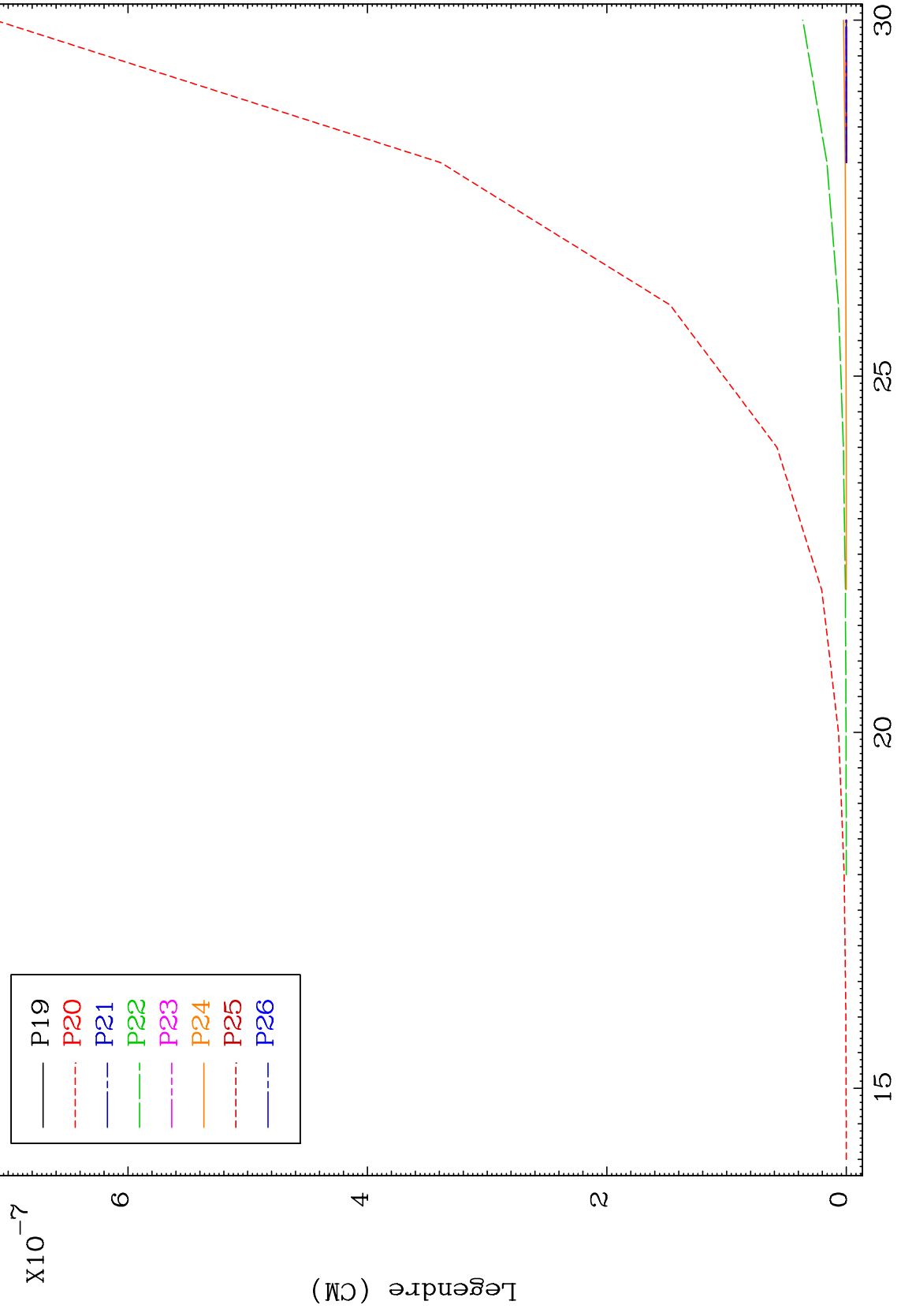
17

51-Sb-124

MAT 5136

Elastic Legendre Coefficients

51-Sb-124



18

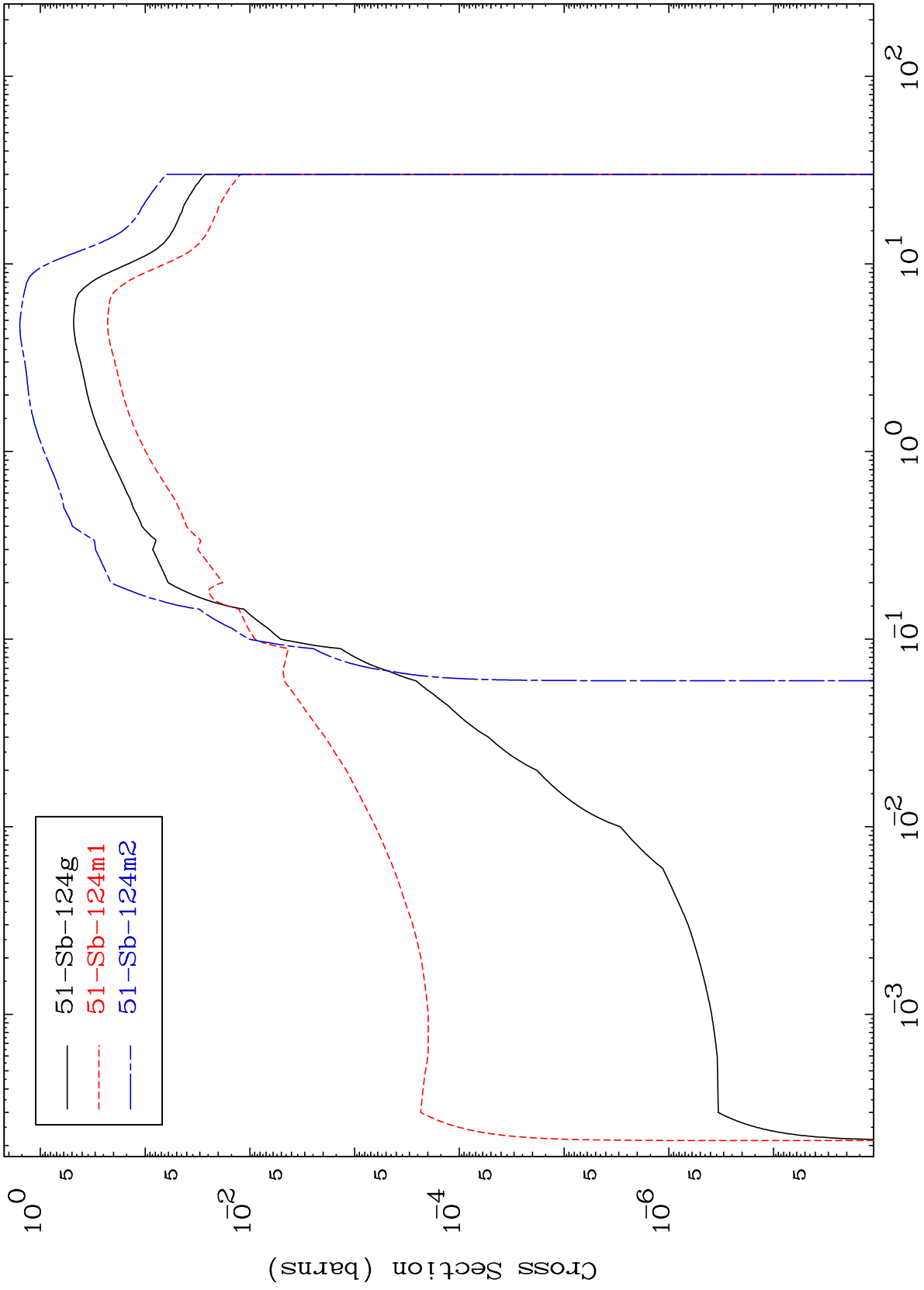
Incident Energy (MeV)

51-Sb-124

MAT 5136

Radionuclide Production Cross Section

51-Sb-124

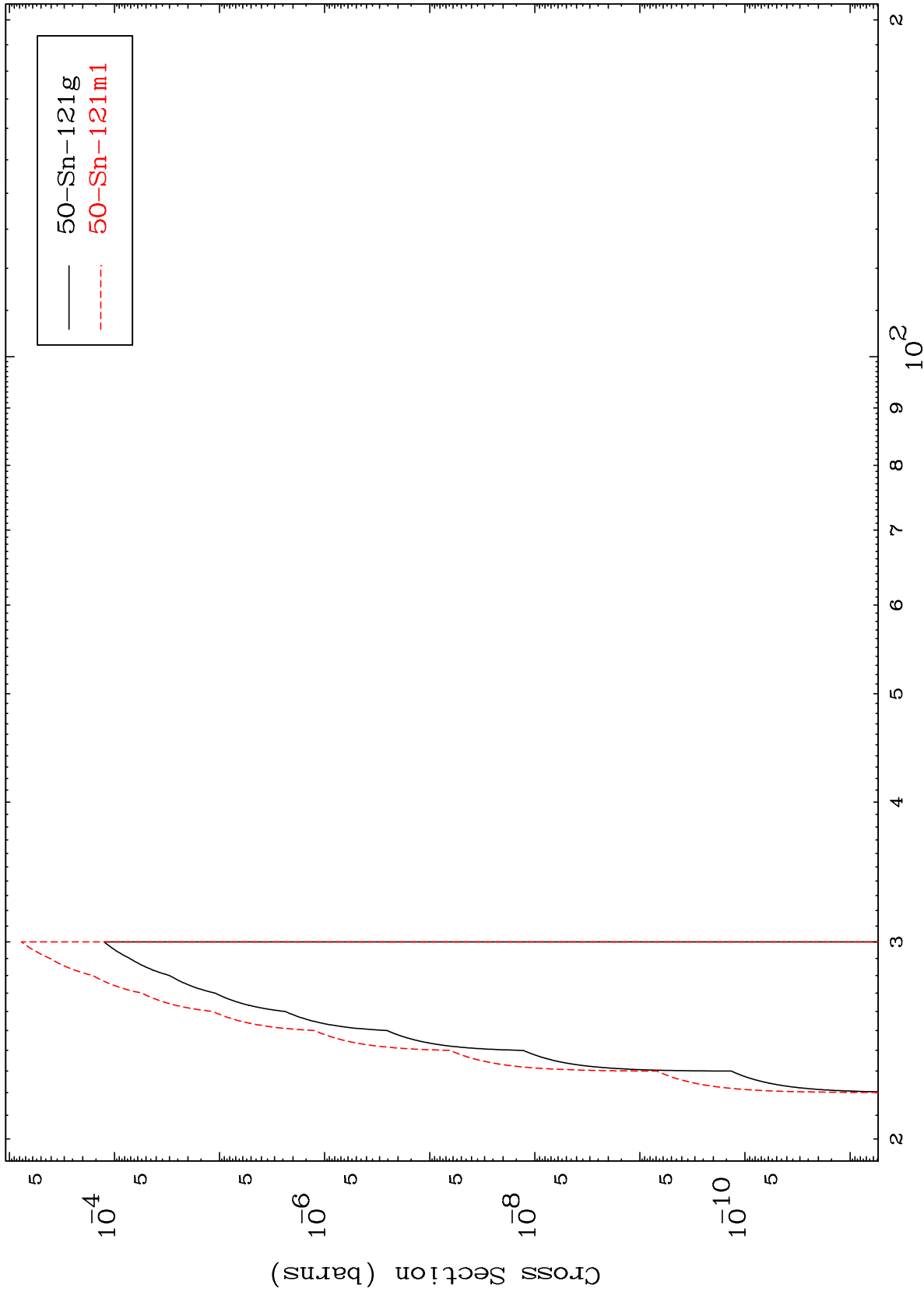


MAT 5136

(n,2n) d

51-Sb-124

Radionuclide Production Cross Section



20

Incident Energy (MeV)

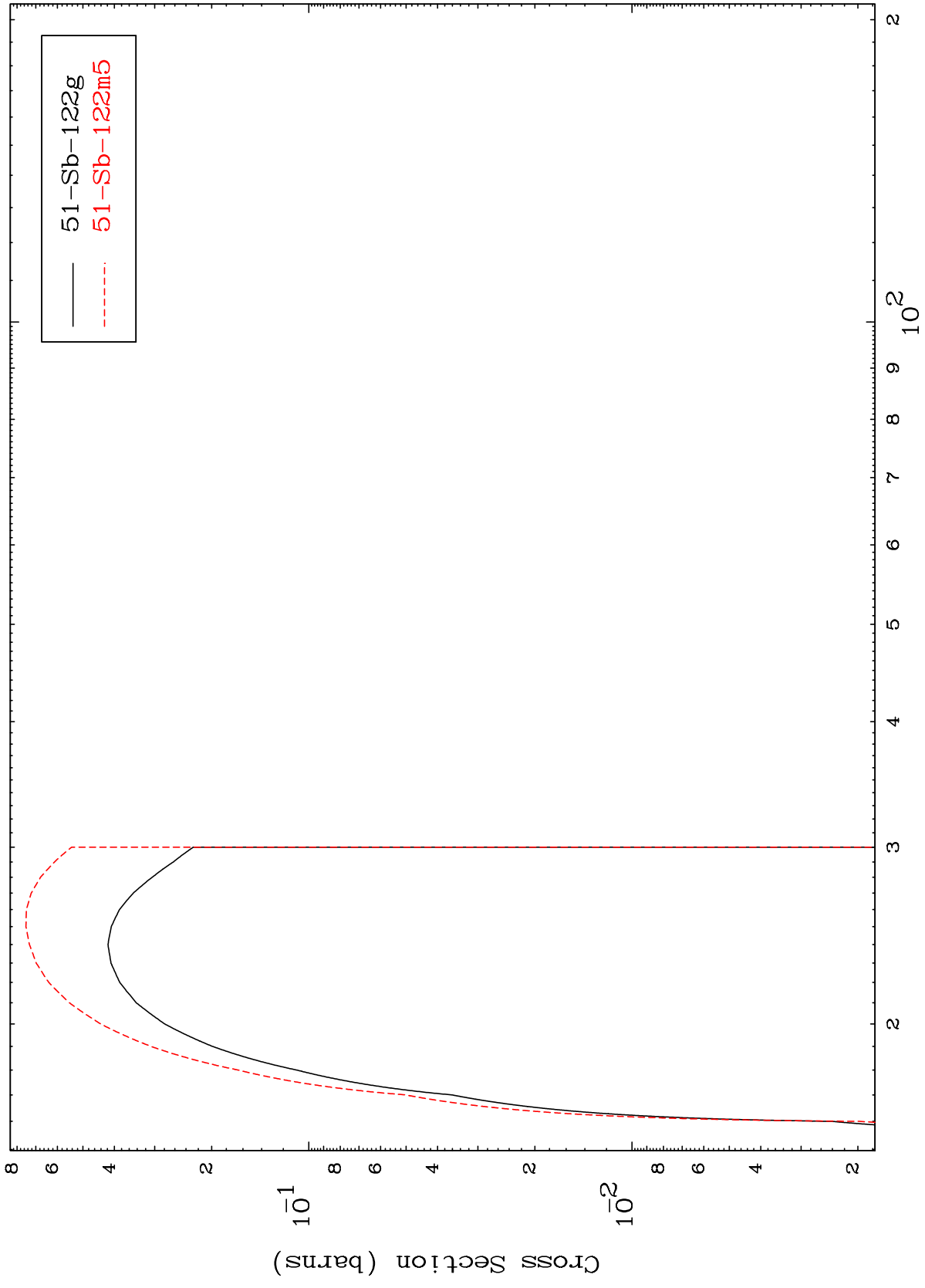
51-Sb-124

MAT 5136

(n,3n)

51-Sb-124

Radionuclide Production Cross Section



21

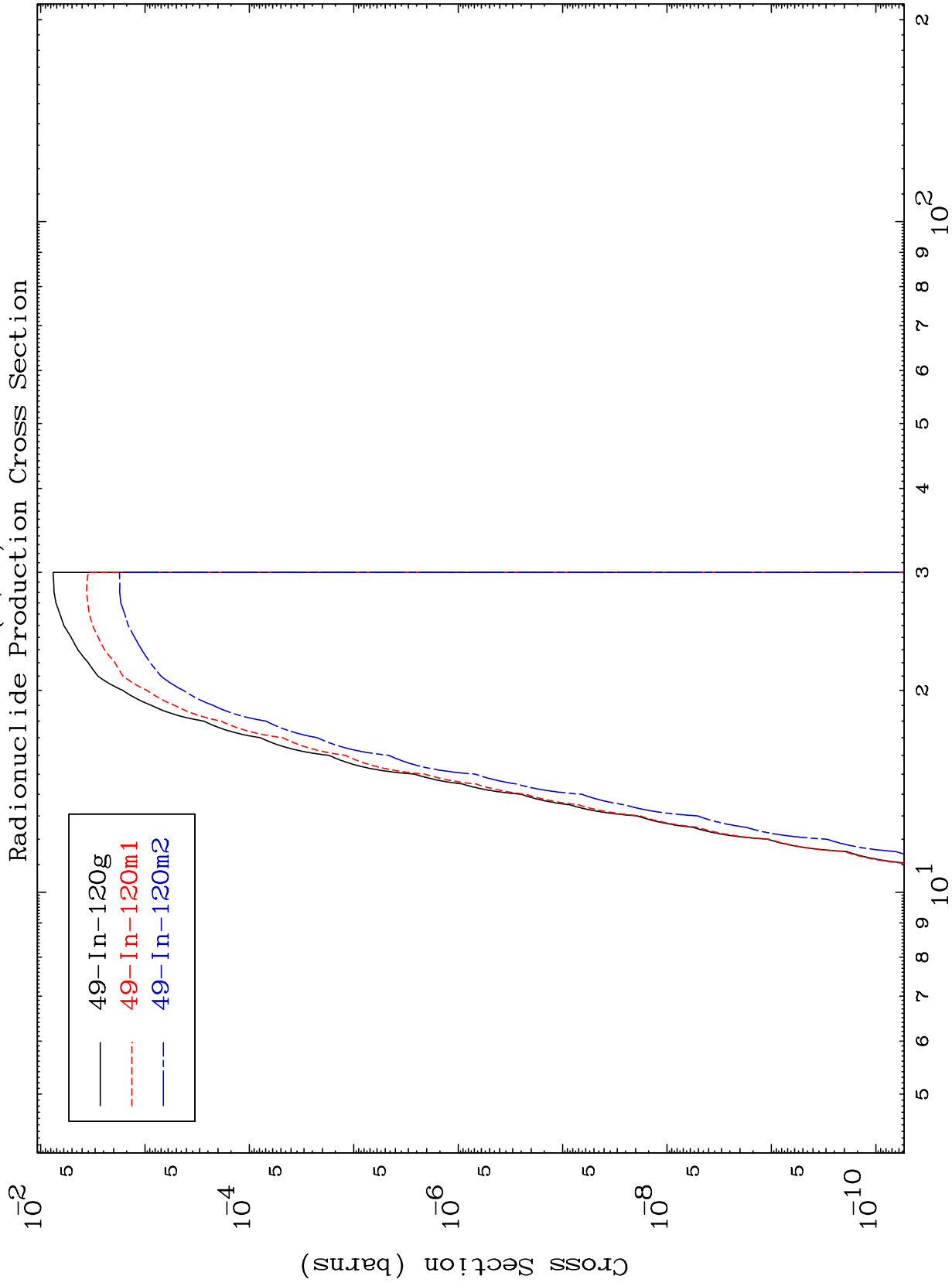
Incident Energy (MeV)

51-Sb-124

MAT 5136

(n,n')  $\alpha$

51-Sb-124



49-In-120g  
49-In-120m1  
49-In-120m2

22

Incident Energy (MeV)

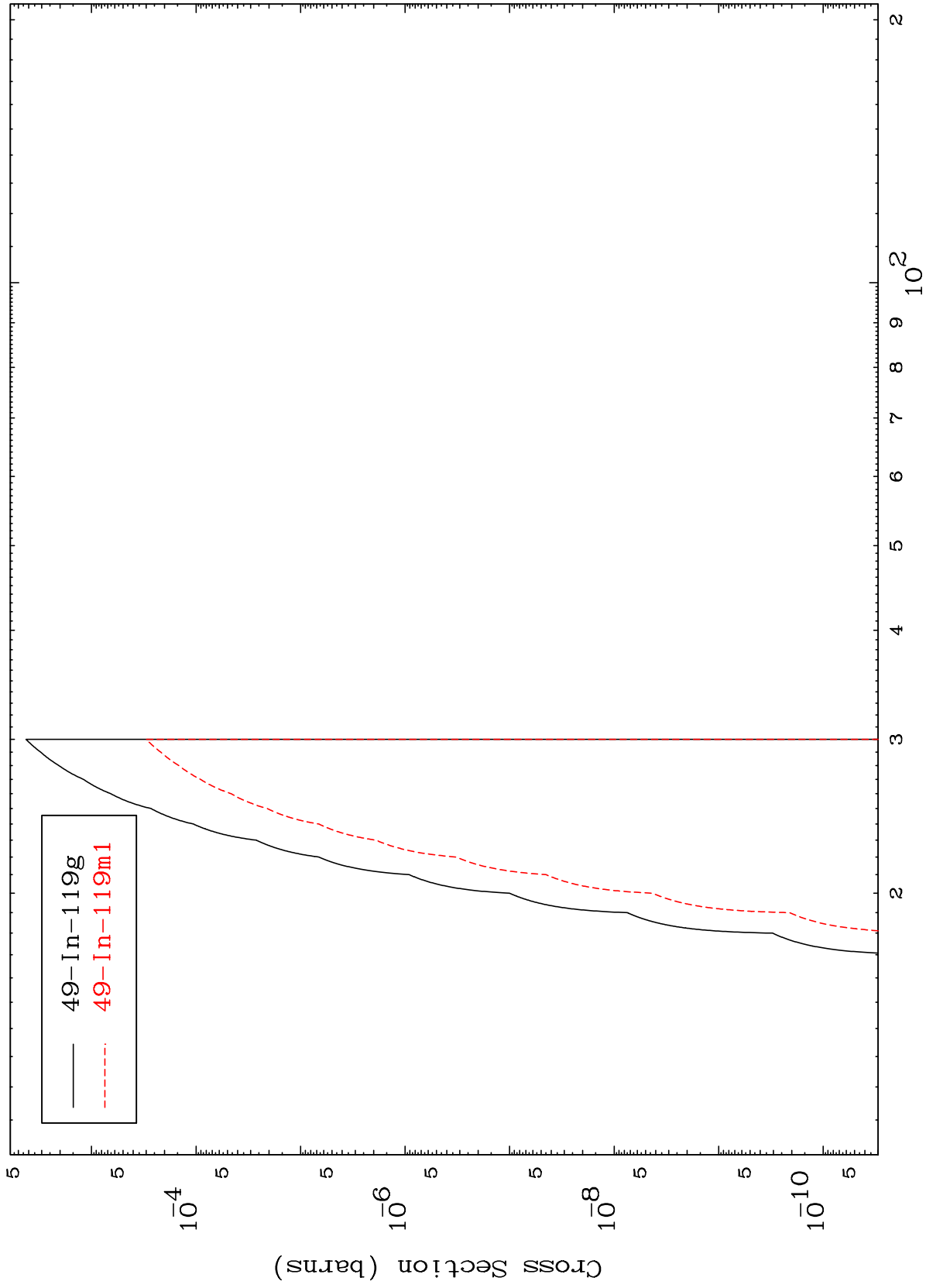
51-Sb-124

MAT 5136

(n,2n)  $\alpha$

51-Sb-124

Radionuclide Production Cross Section



23

Incident Energy (MeV)

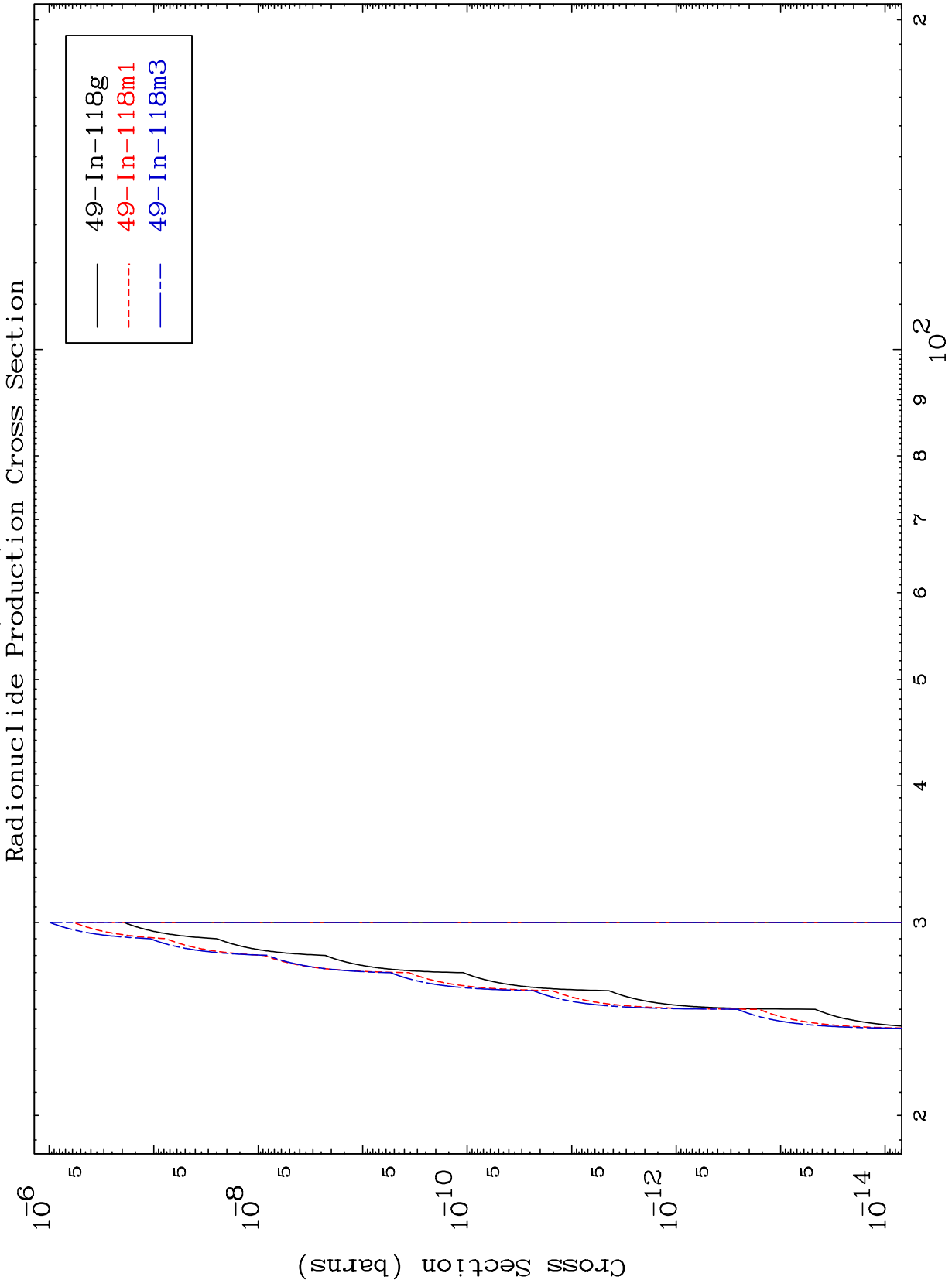
51-Sb-124



MAT 5136

(n,3n)  $\alpha$

51-Sb-124



24

Incident Energy (MeV)

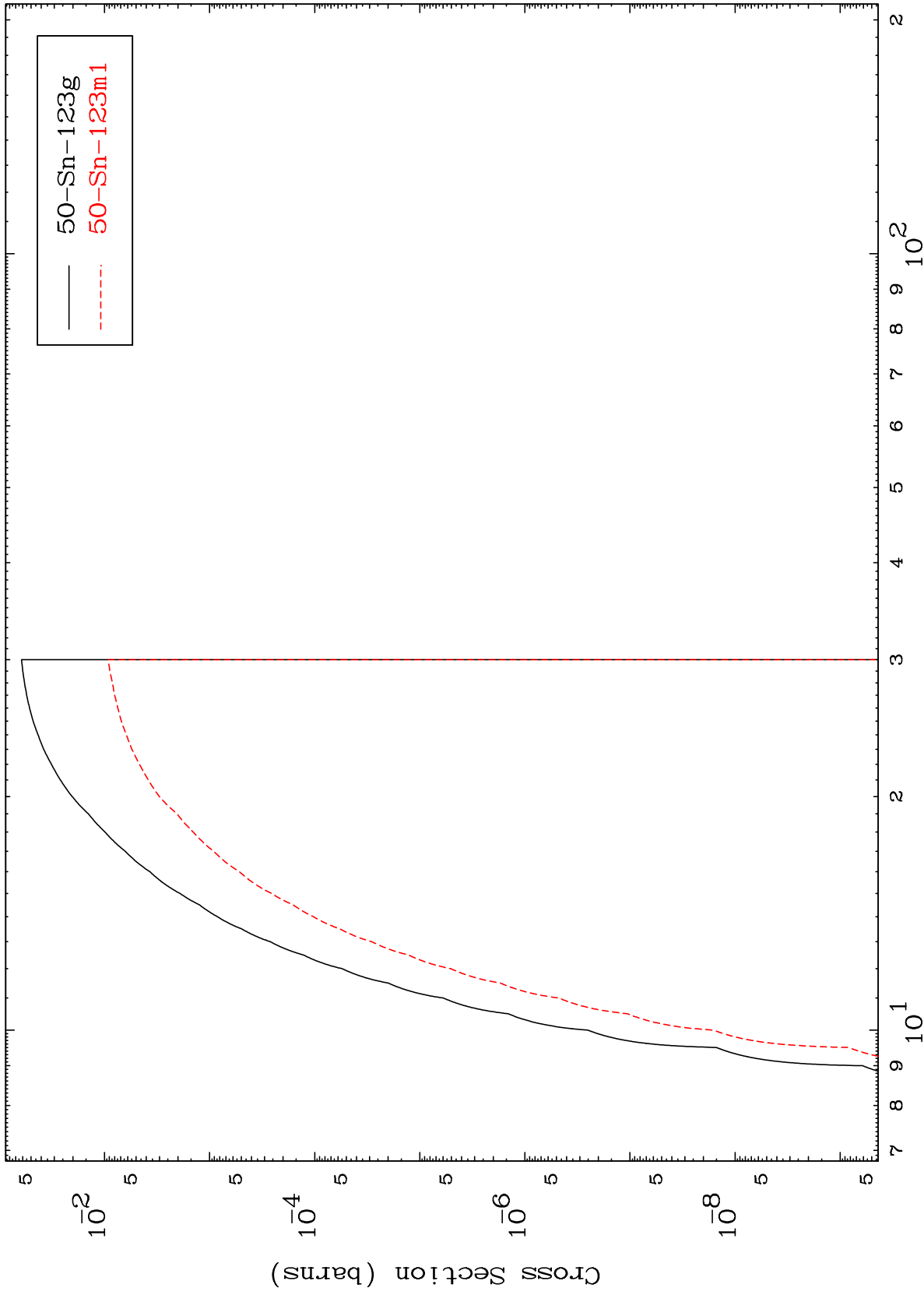
51-Sb-124

MAT 5136

(n,n') p

51-Sb-124

Radionuclide Production Cross Section



25

Incident Energy (MeV)

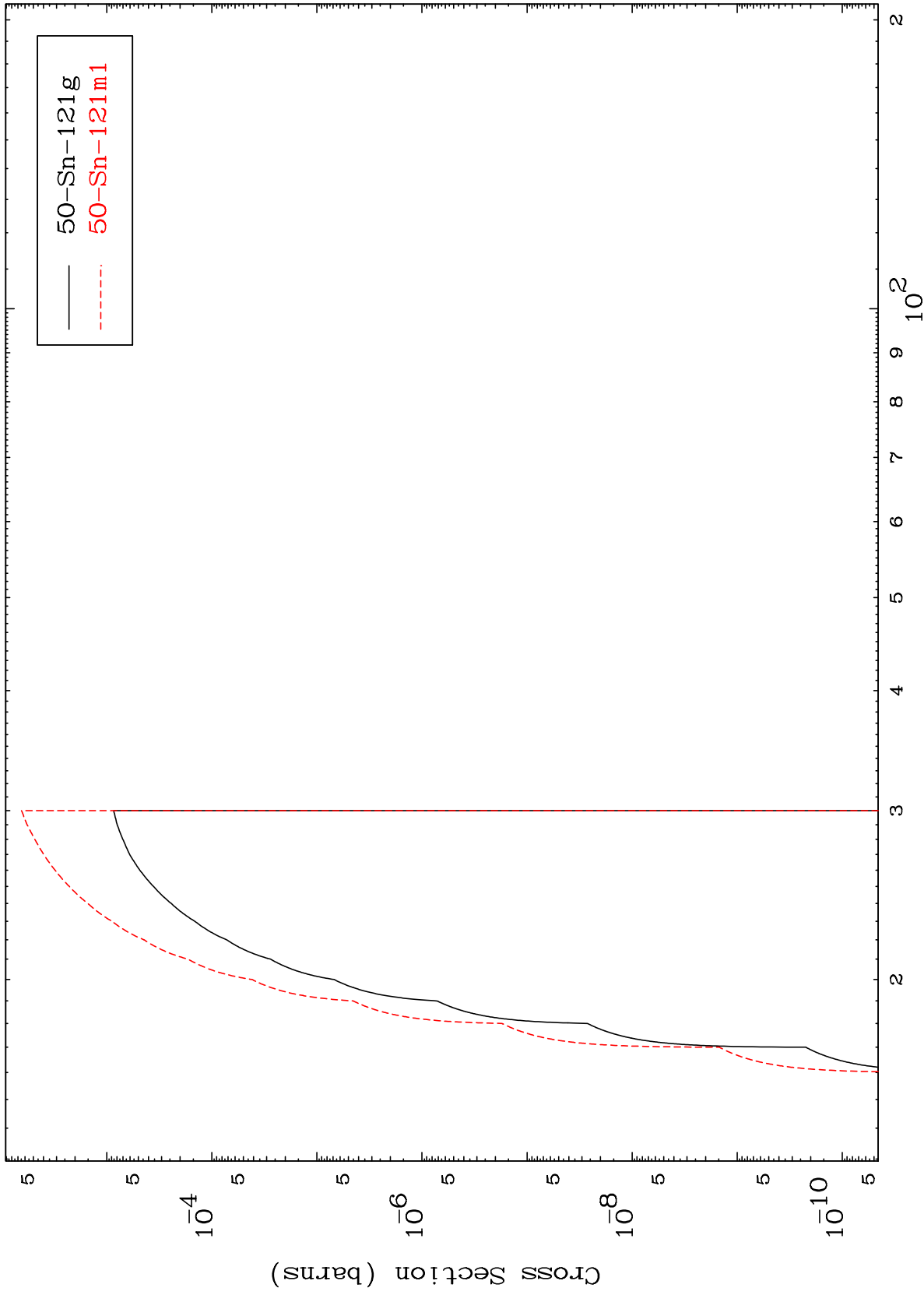
51-Sb-124

MAT 5136

(n,n') t

51-Sb-124

Radionuclide Production Cross Section



26

Incident Energy (MeV)

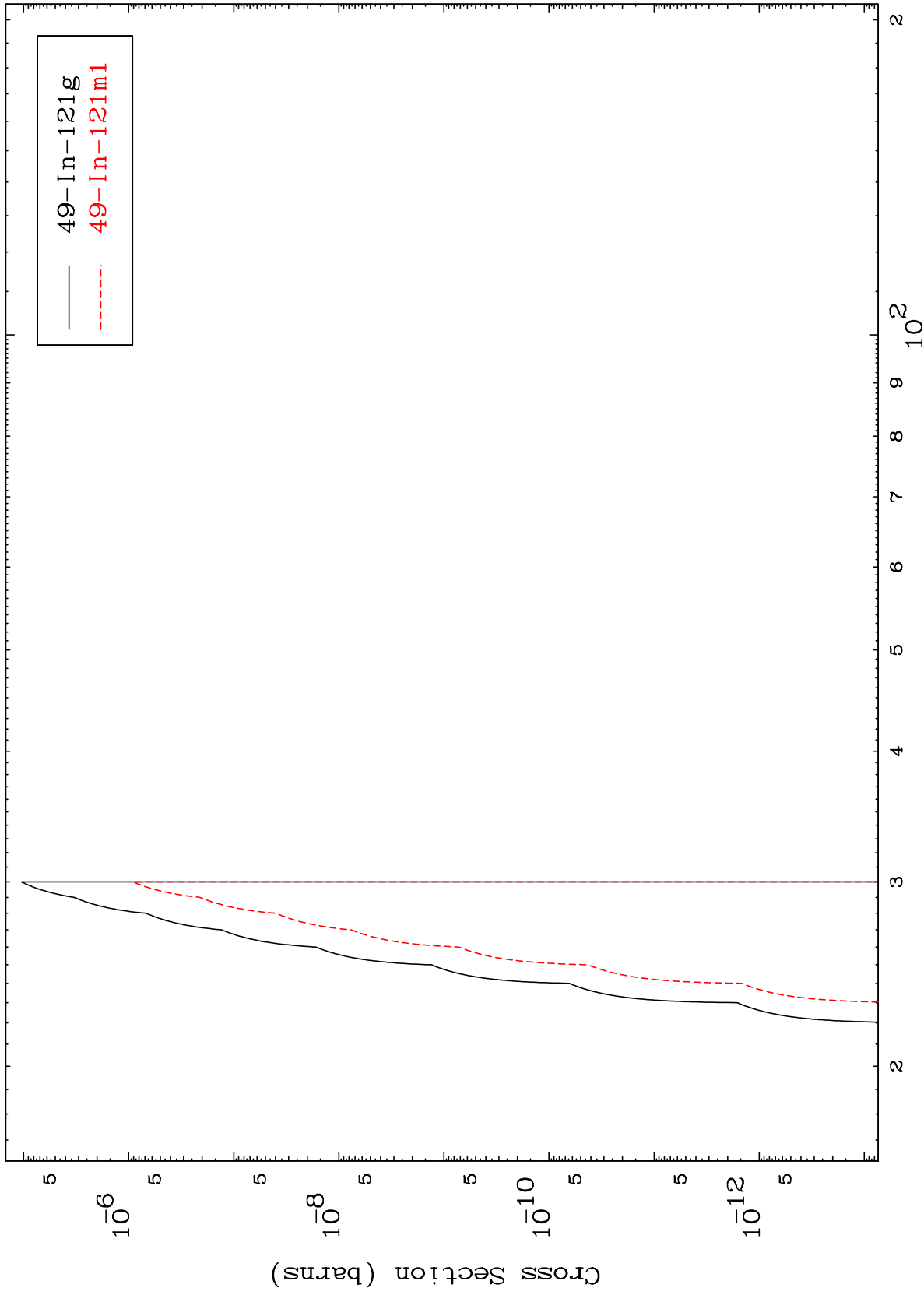
51-Sb-124

MAT 5136

(n, n') He-3

51-Sb-124

Radionuclide Production Cross Section



27

Incident Energy (MeV)

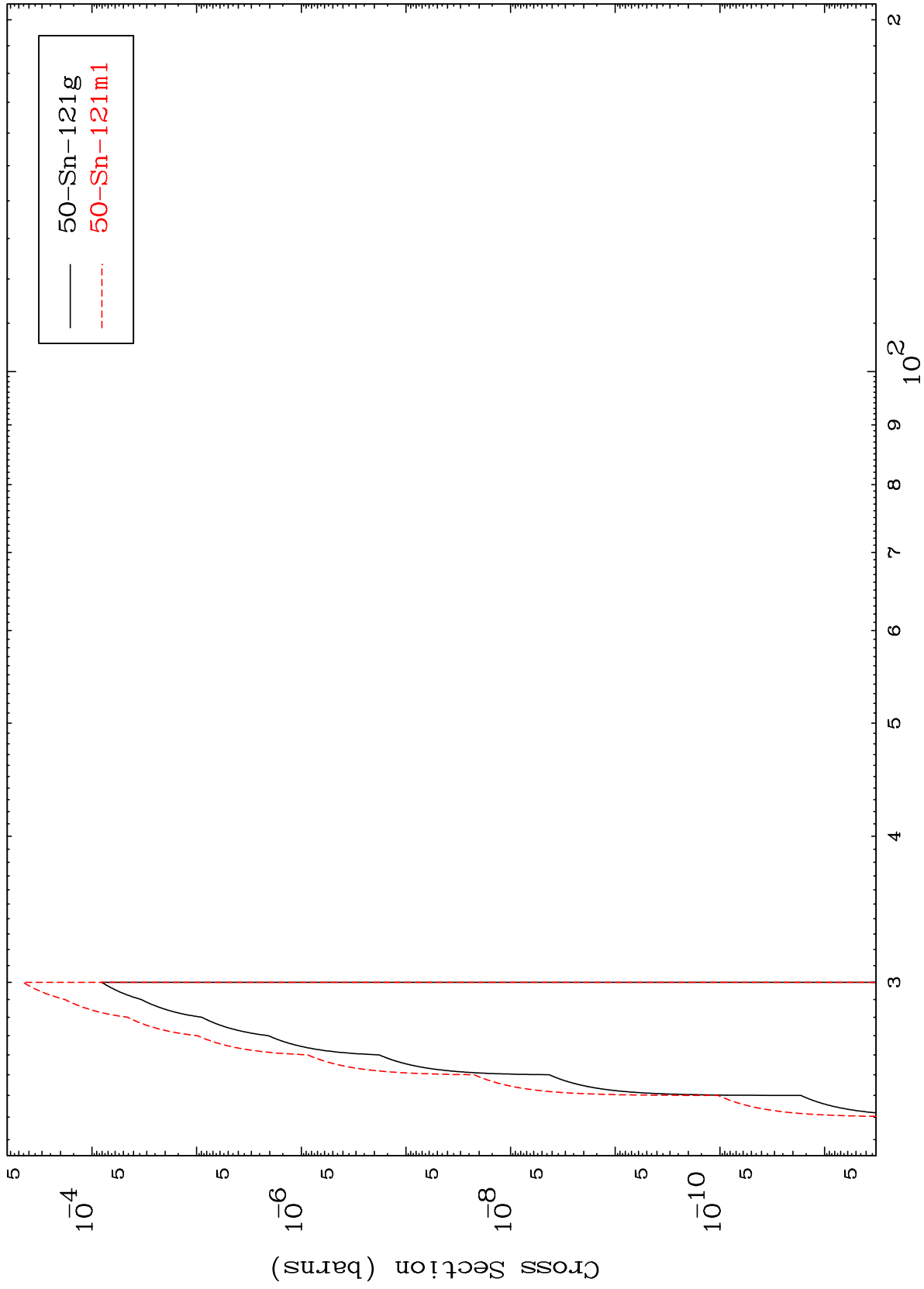
51-Sb-124

MAT 5136

(n,3n) p

51-Sb-124

Radionuclide Production Cross Section



28

Incident Energy (MeV)

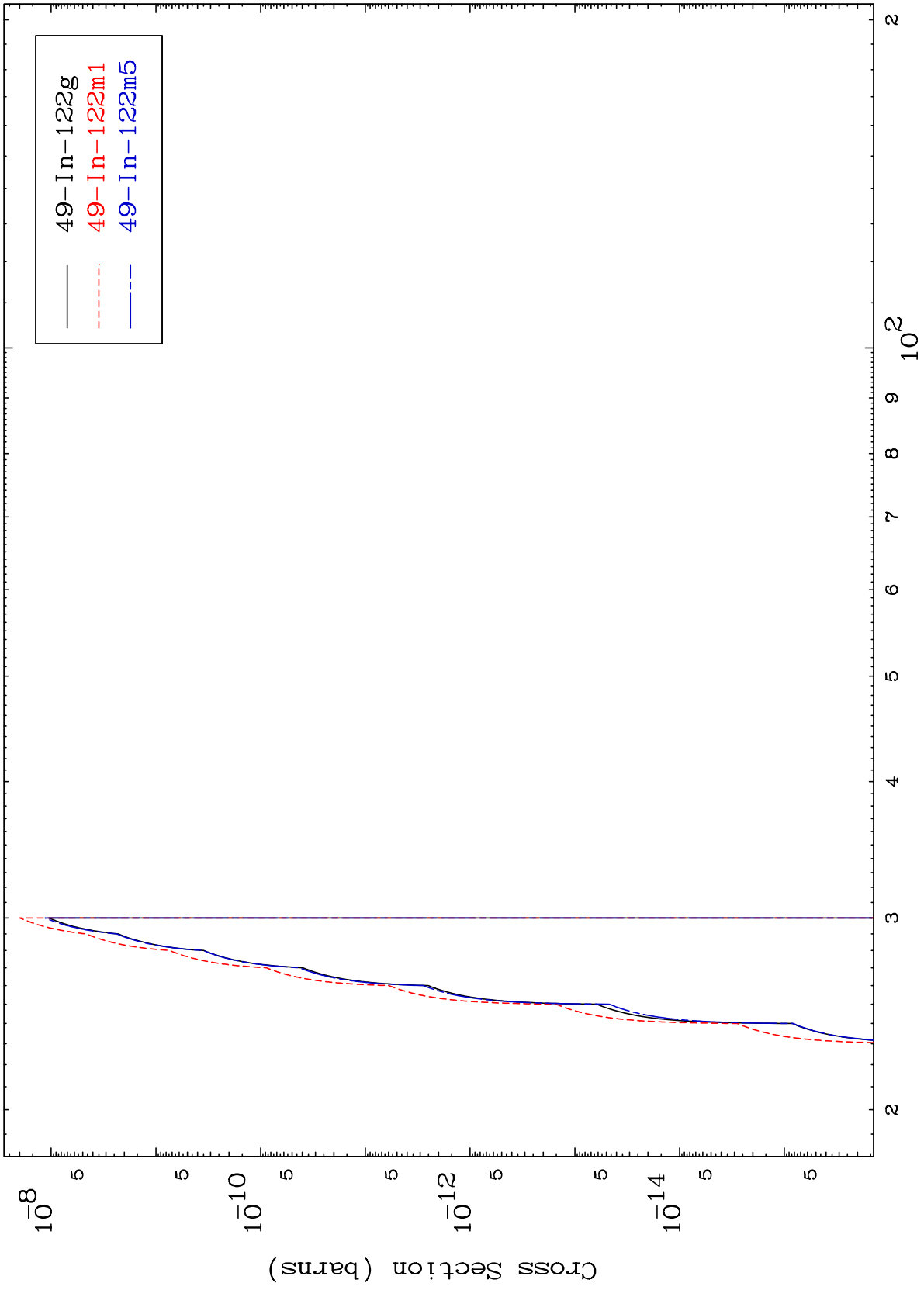
51-Sb-124

MAT 5136

(n,2n) p

51-Sb-124

Radionuclide Production Cross Section



29

Incident Energy (MeV)

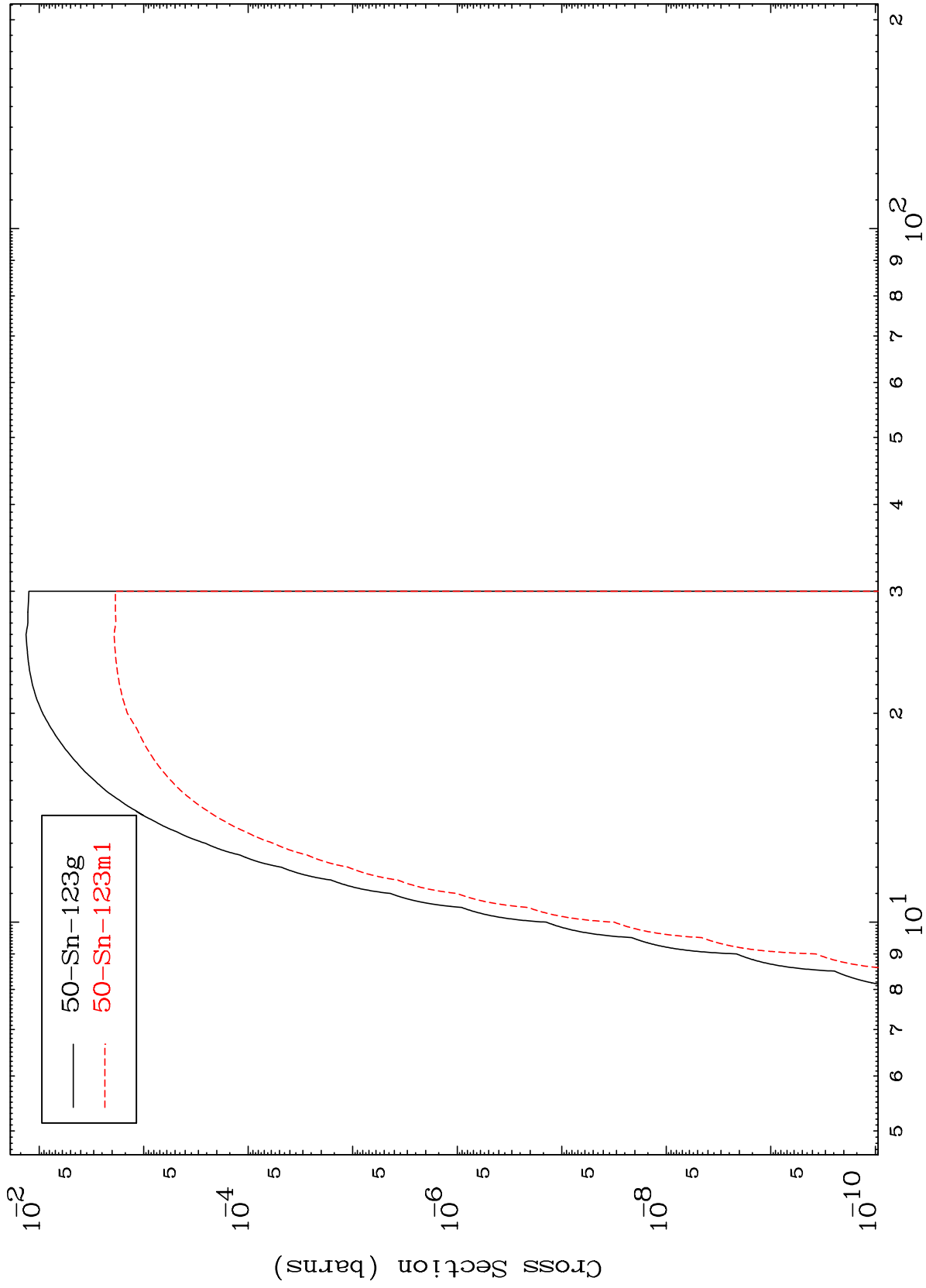
51-Sb-124

MAT 5136

(n,d)

51-Sb-124

### Radionuclide Production Cross Section



30

Incident Energy (MeV)

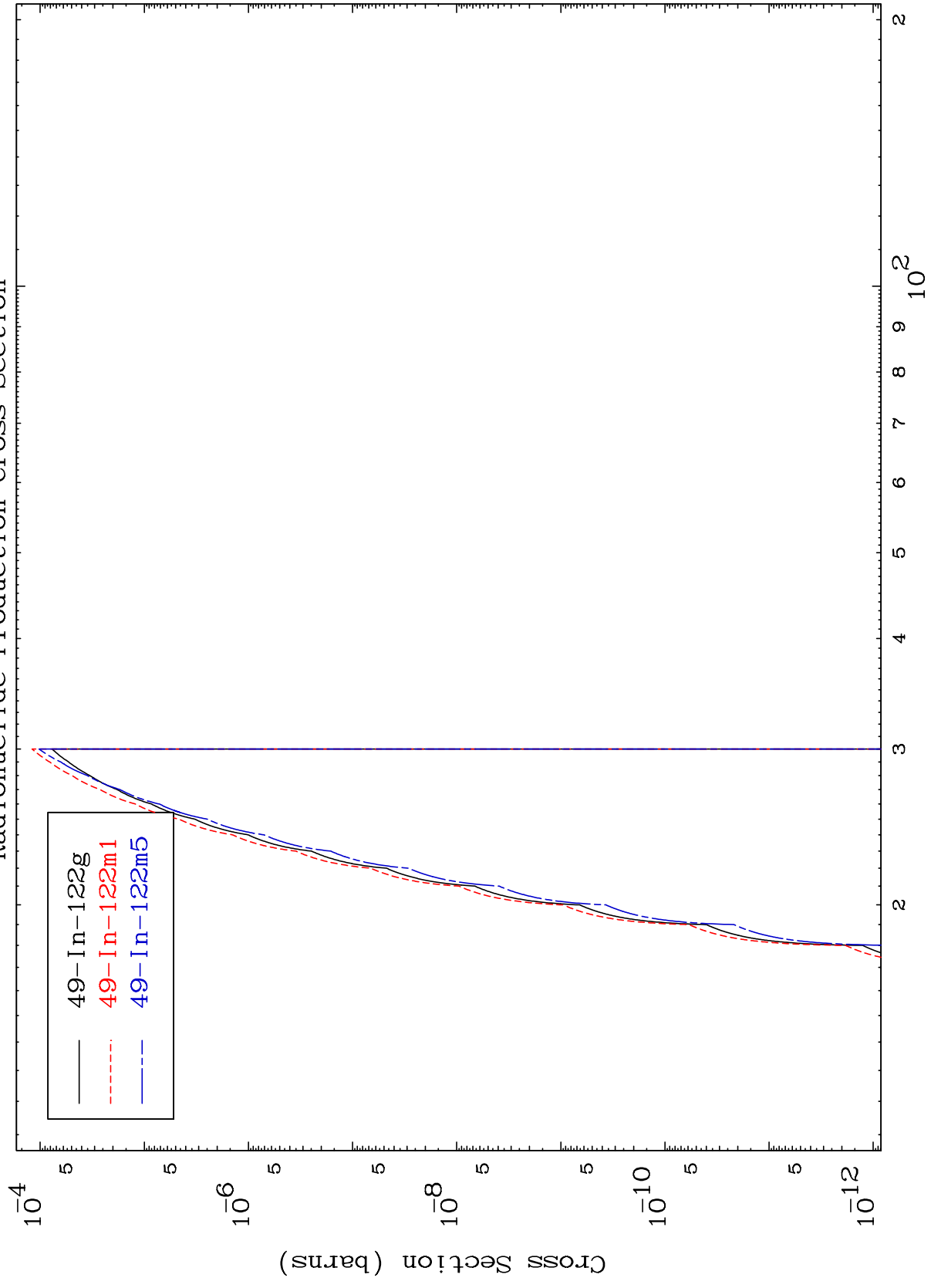
51-Sb-124

MAT 5136

(n, He-3)

51-Sb-124

Radionuclide Production Cross Section



31

Incident Energy (MeV)

51-Sb-124

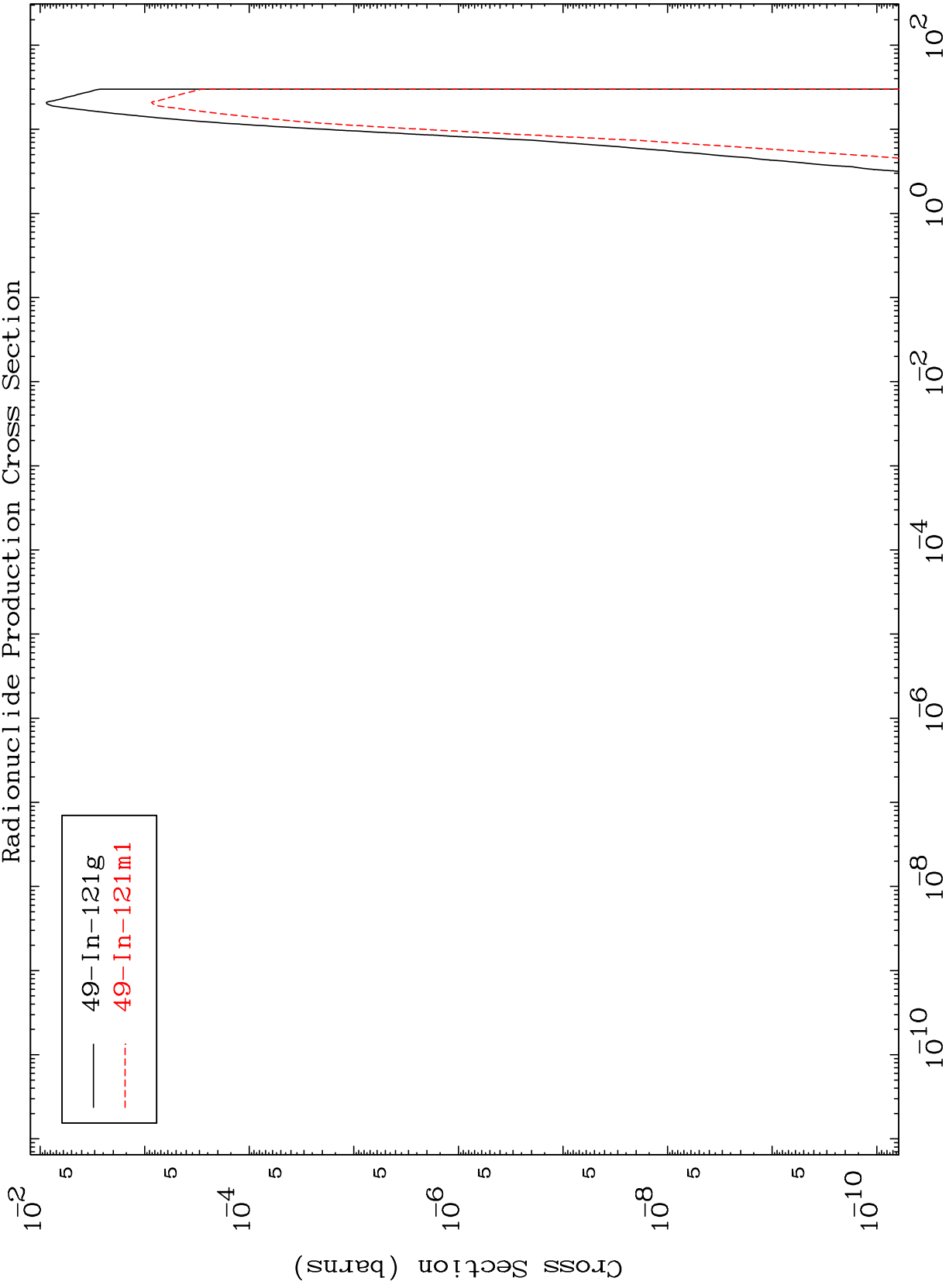


MAT 5136

(n,  $\alpha$ )

51-Sb-124

Radionuclide Production Cross Section



32

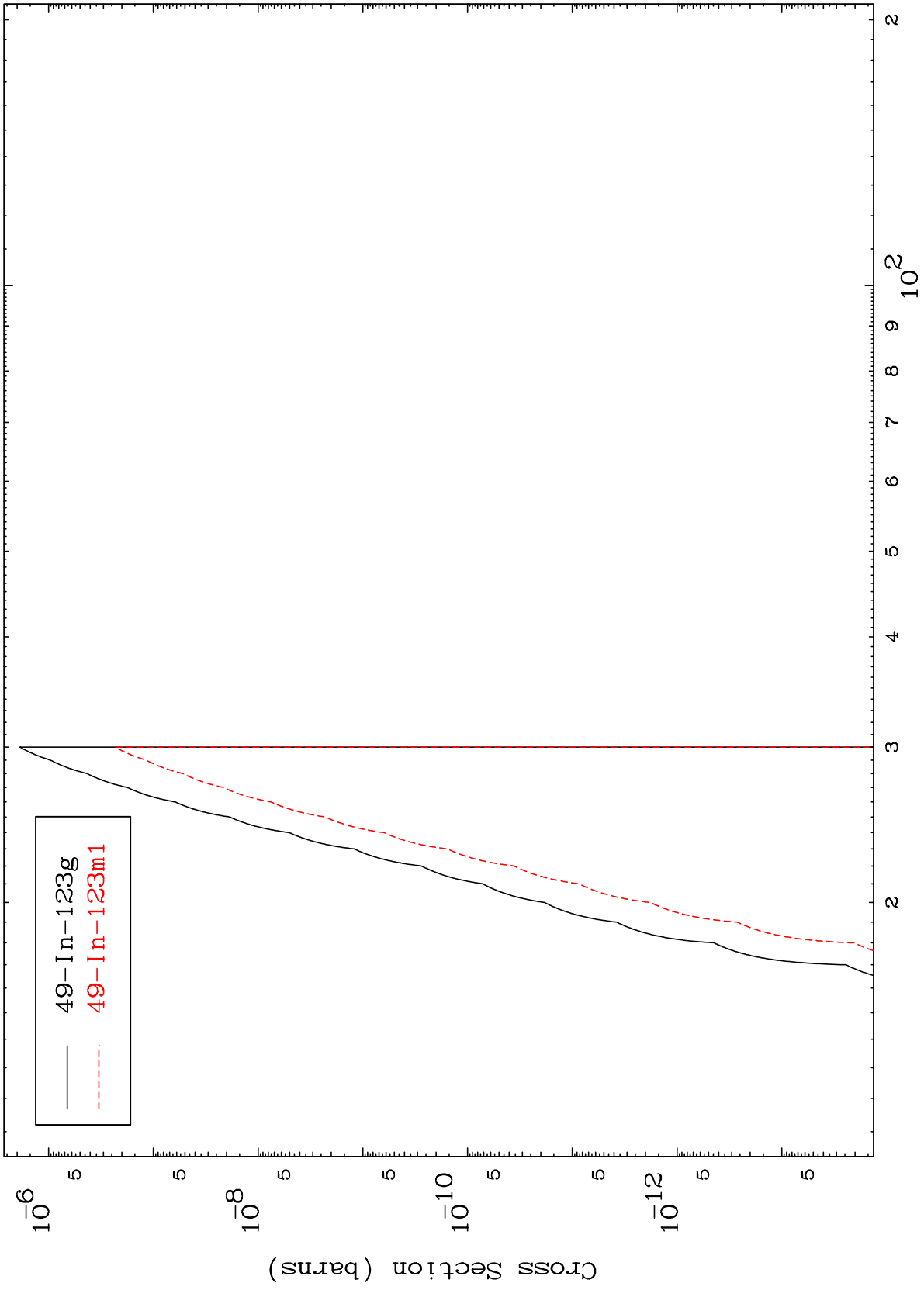
Incident Energy (MeV)

51-Sb-124

MAT 5136

51-Sb-124

(n,2p)  
Radionuclide Production Cross Section



33

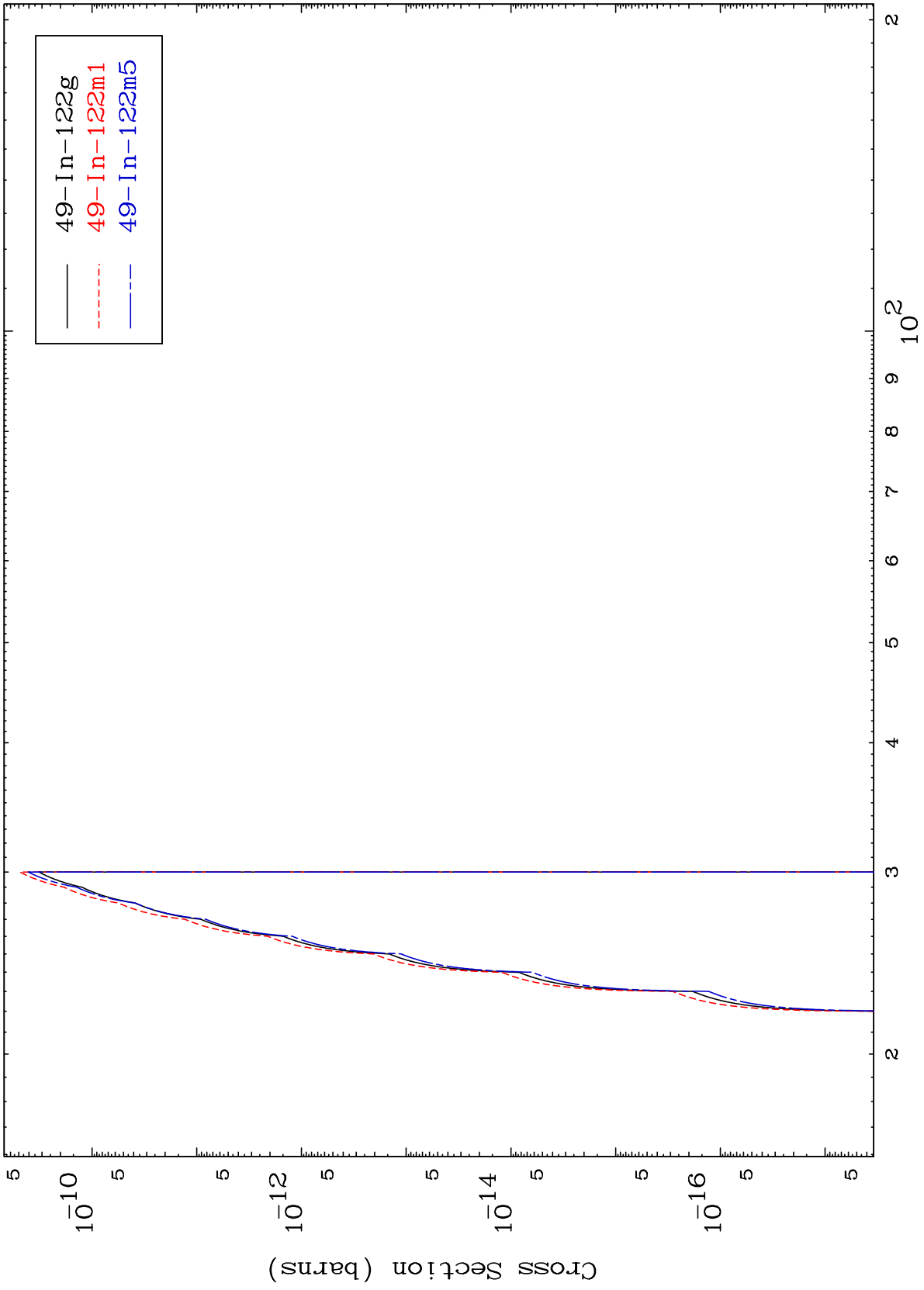
51-Sb-124

MAT 5136

(n,p) d

51-Sb-124

Radionuclide Production Cross Section



34

Incident Energy (MeV)

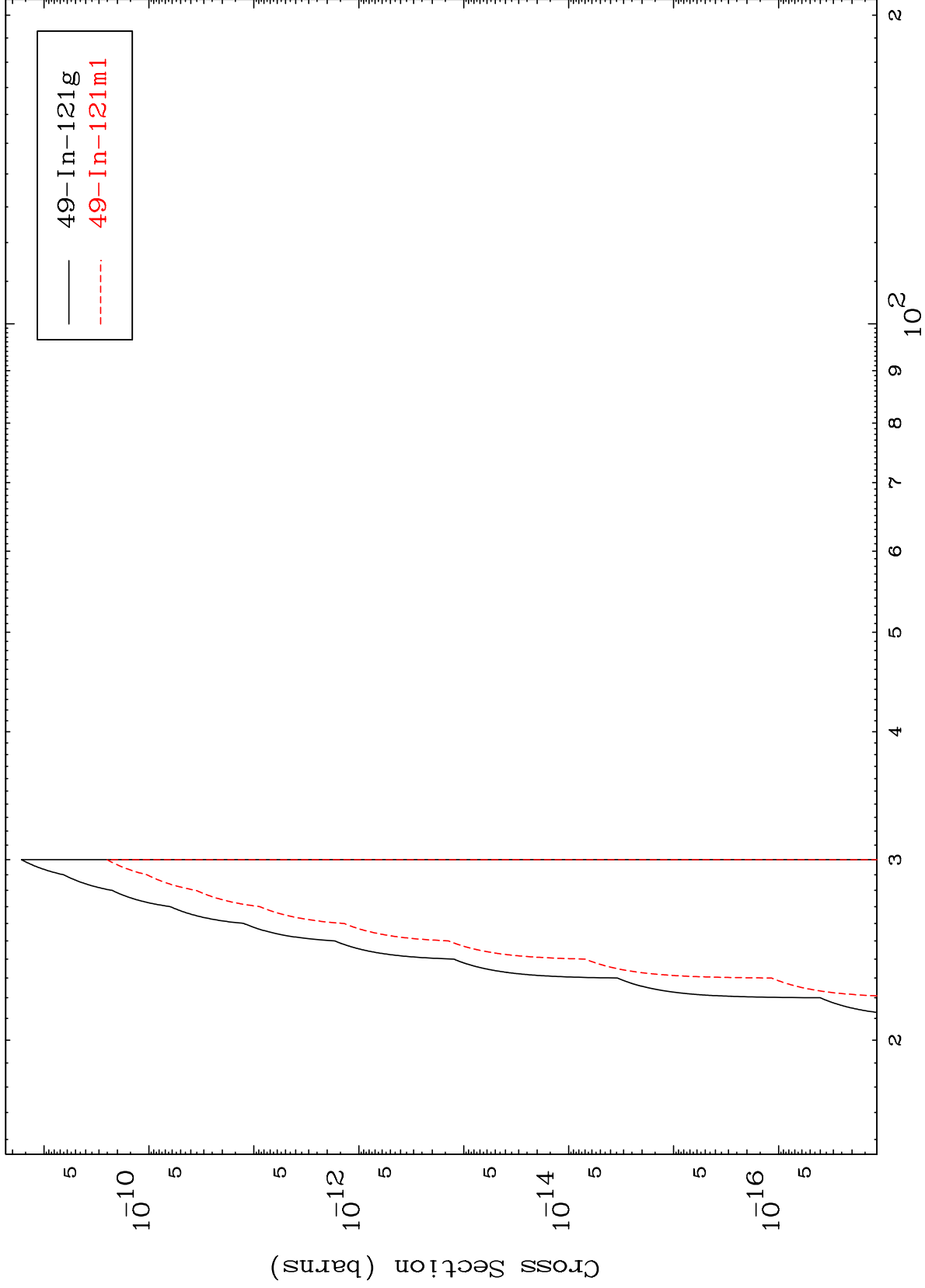
51-Sb-124

MAT 5136

(n,p) t

51-Sb-124

Radionuclide Production Cross Section



35

Incident Energy (MeV)

51-Sb-124