

Program EVALPLOT  
(Version 2018-1)

by

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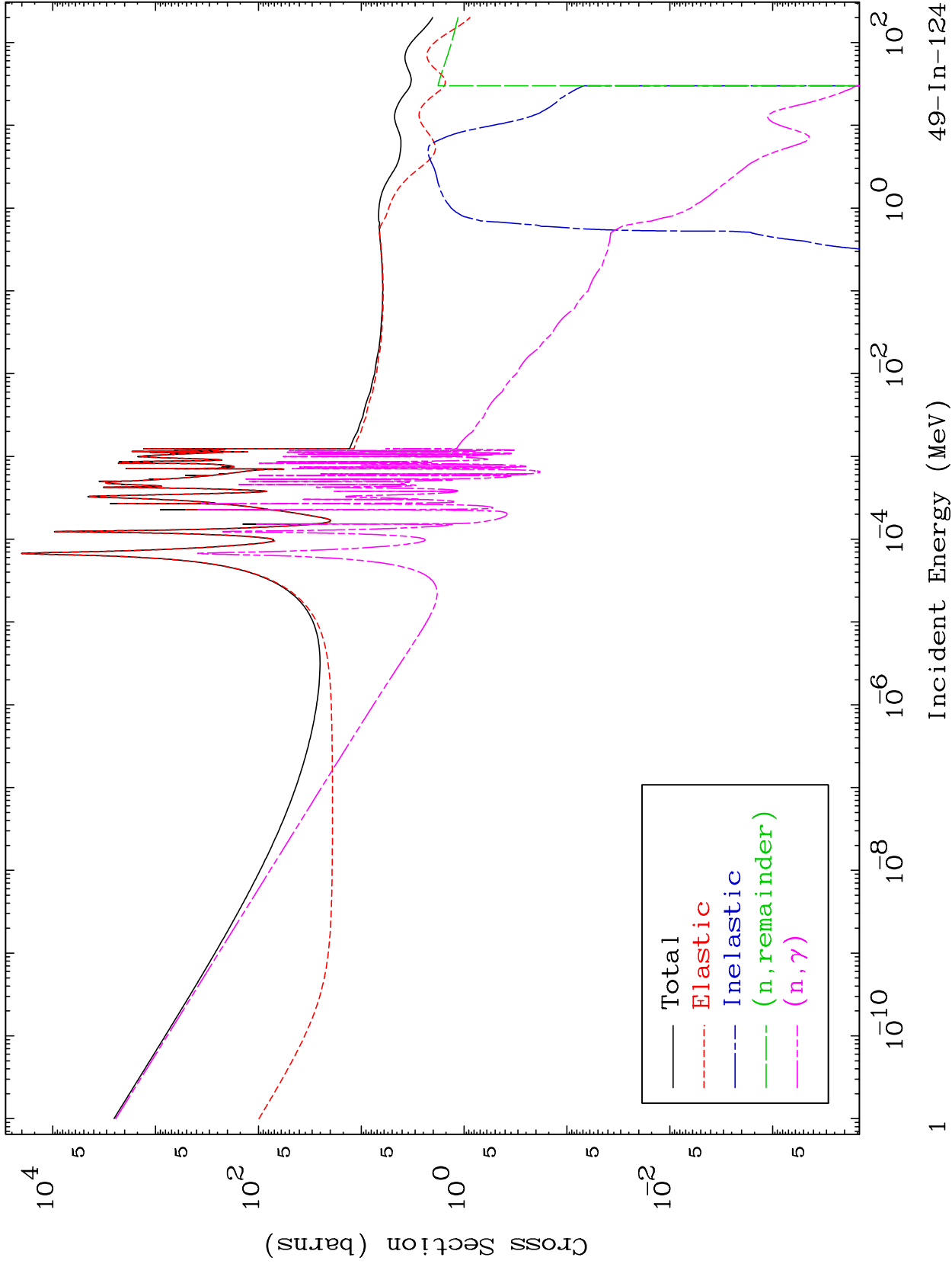
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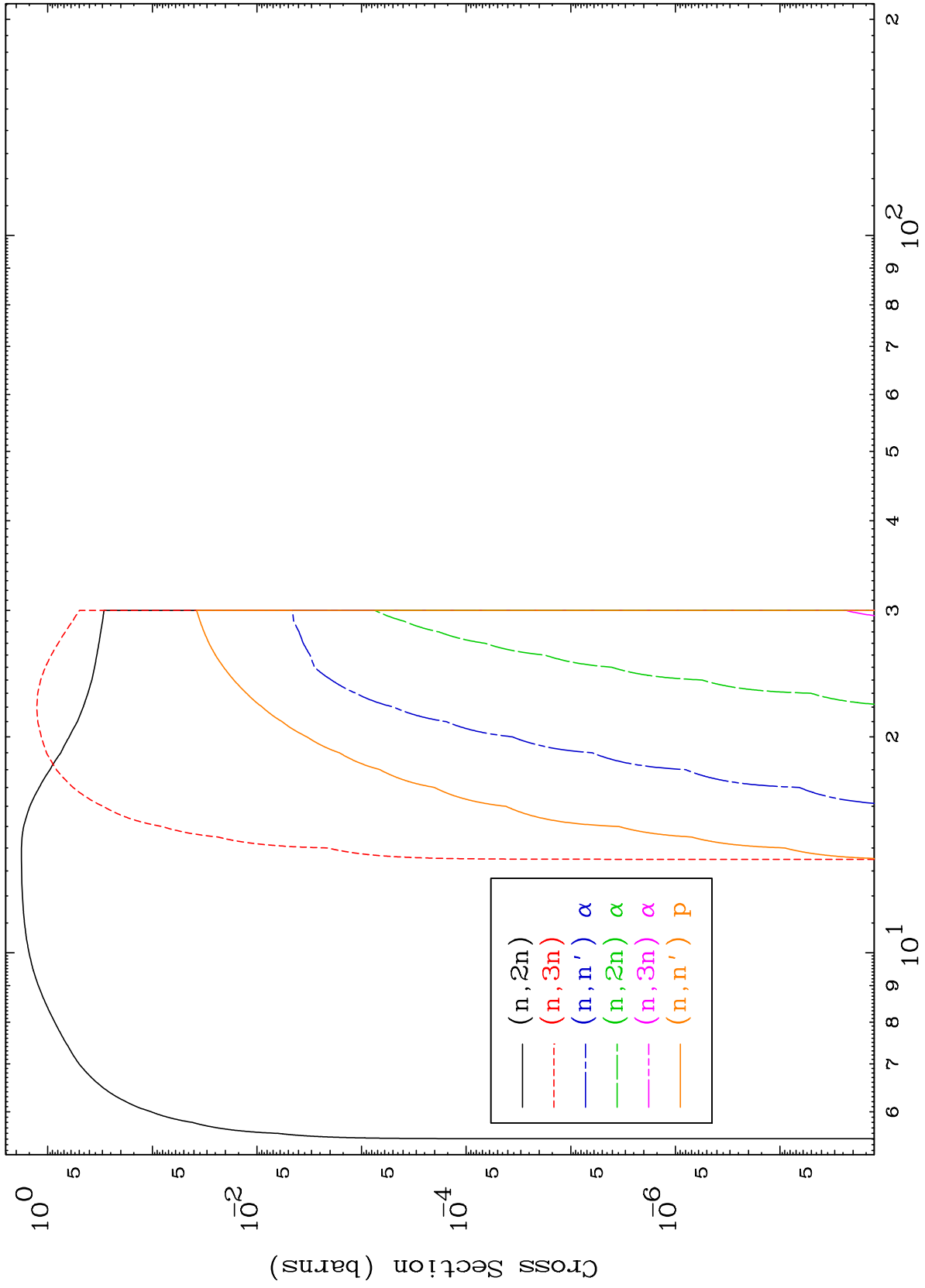
Press Mouse Button to Start

MAT 4959

Major  
293 Kelvin Cross Sections

49-In-124

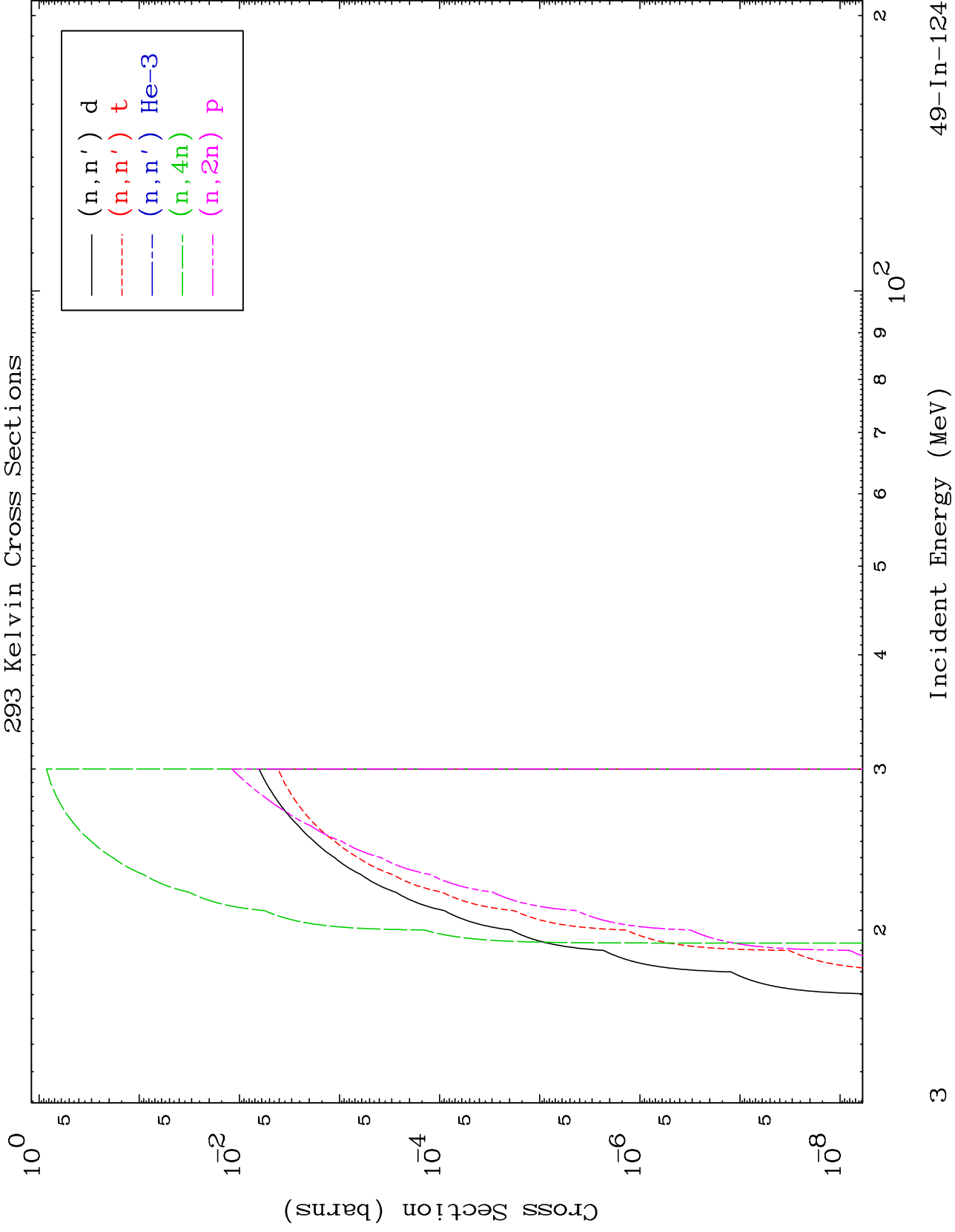




MAT 4959

Neutron Production  
293 Kelvin Cross Sections

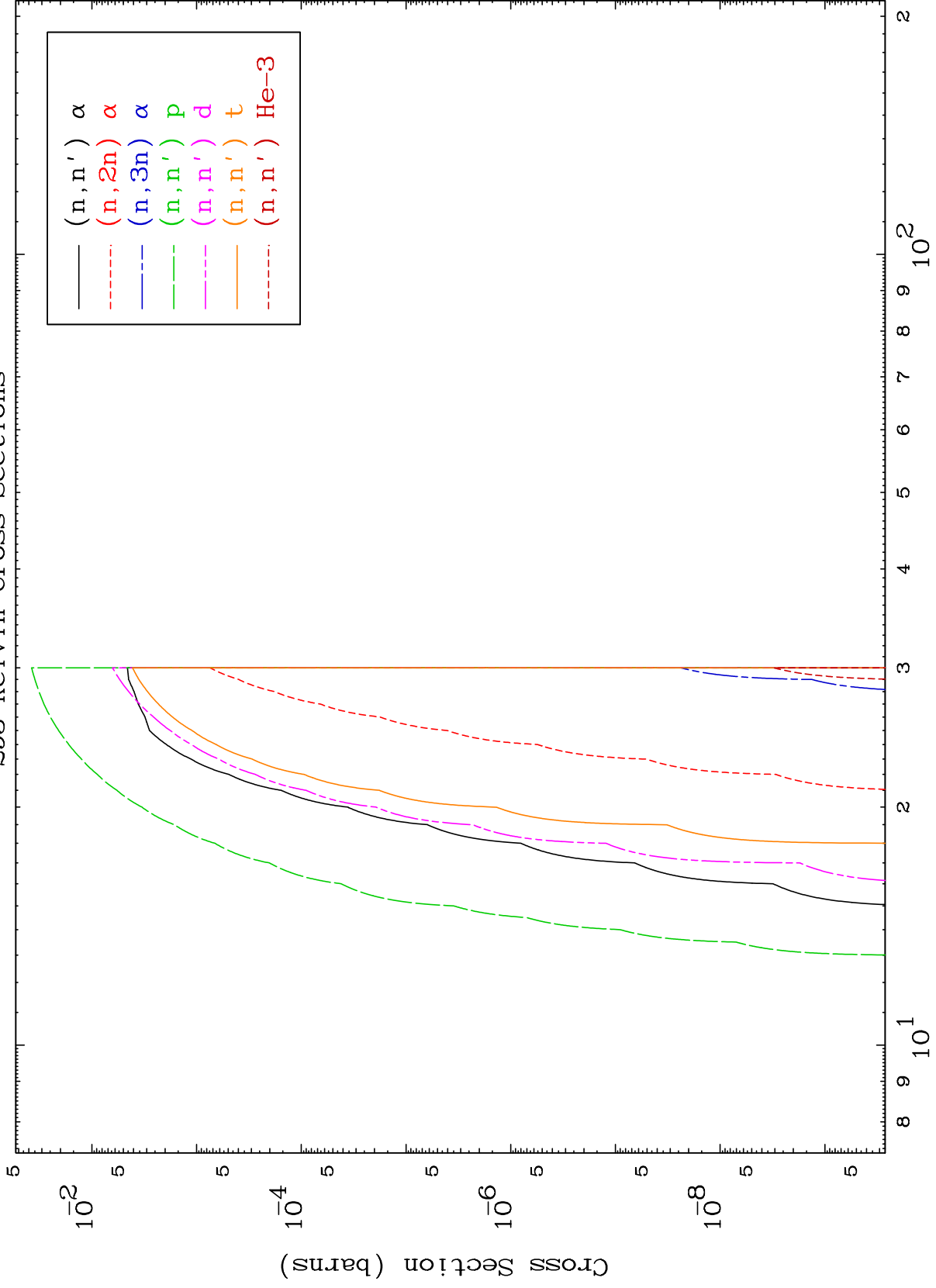
49-In-124



3

Incident Energy (MeV)

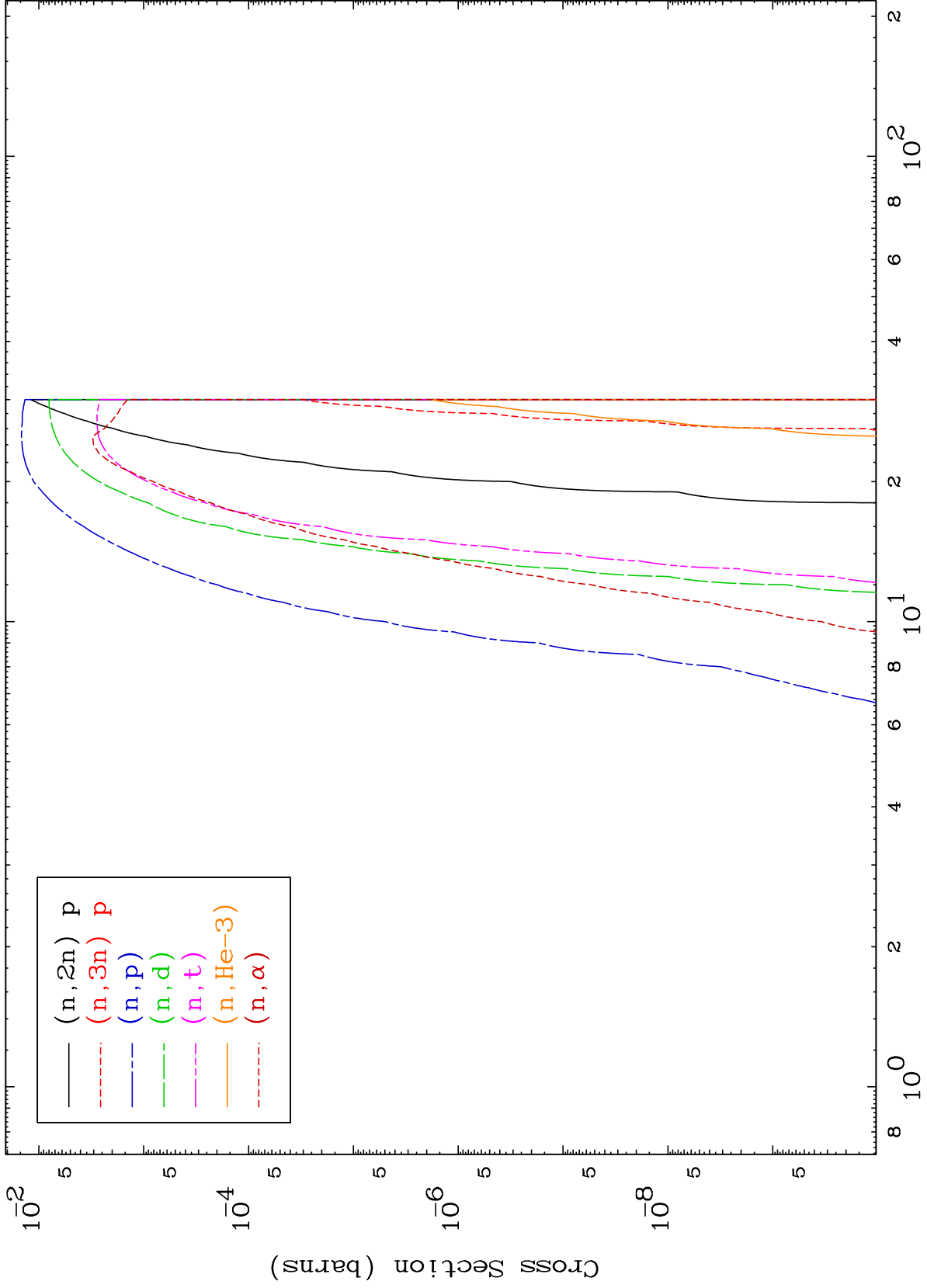
49-In-124



MAT 4959

Charged Particle  
293 Kelvin Cross Sections

49-In-124



5

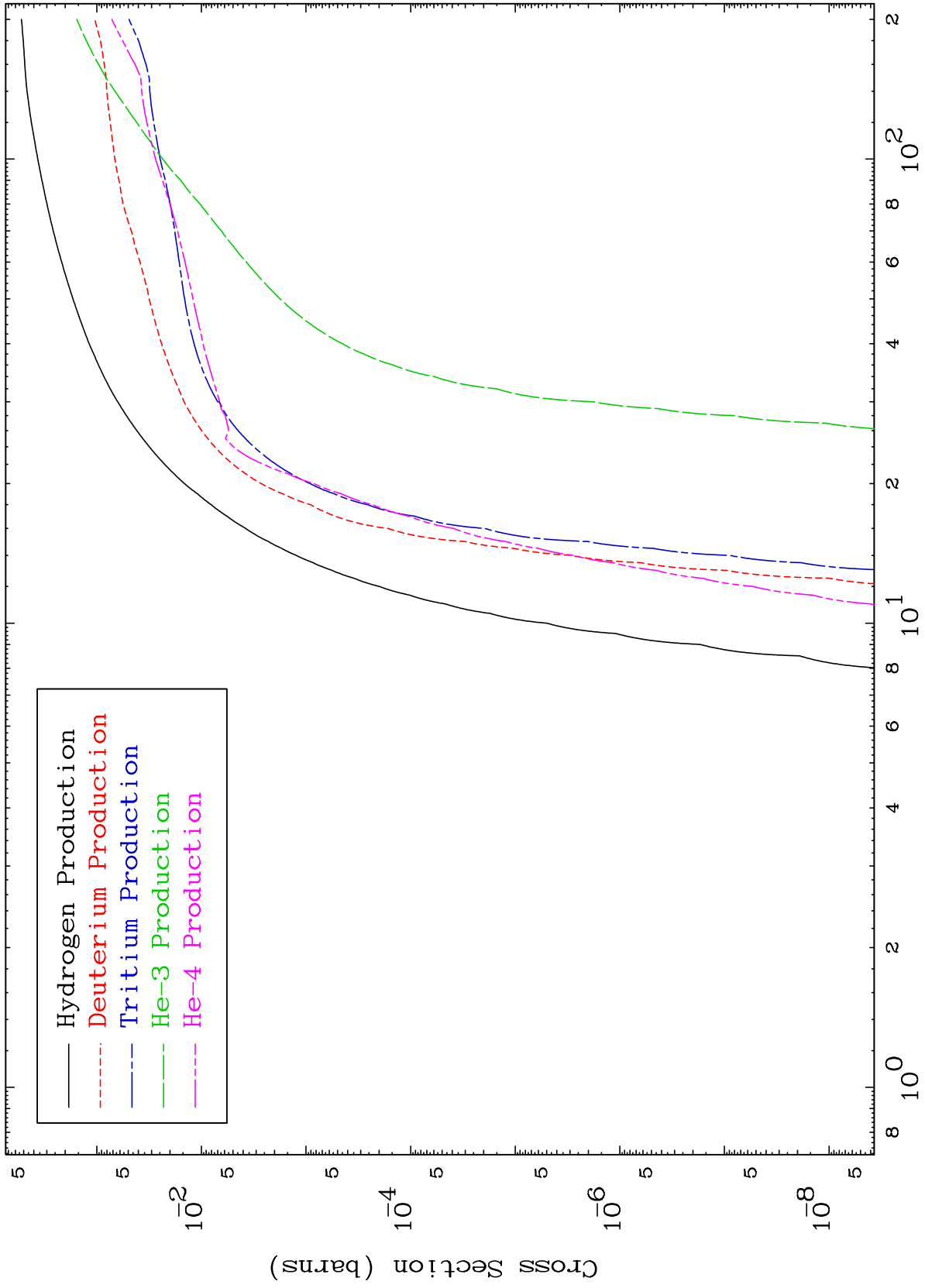
Incident Energy (MeV)

49-In-124

MAT 4959

Particle Production  
293 Kelvin Cross Sections

49-In-124



49-In-124

Incident Energy (MeV)

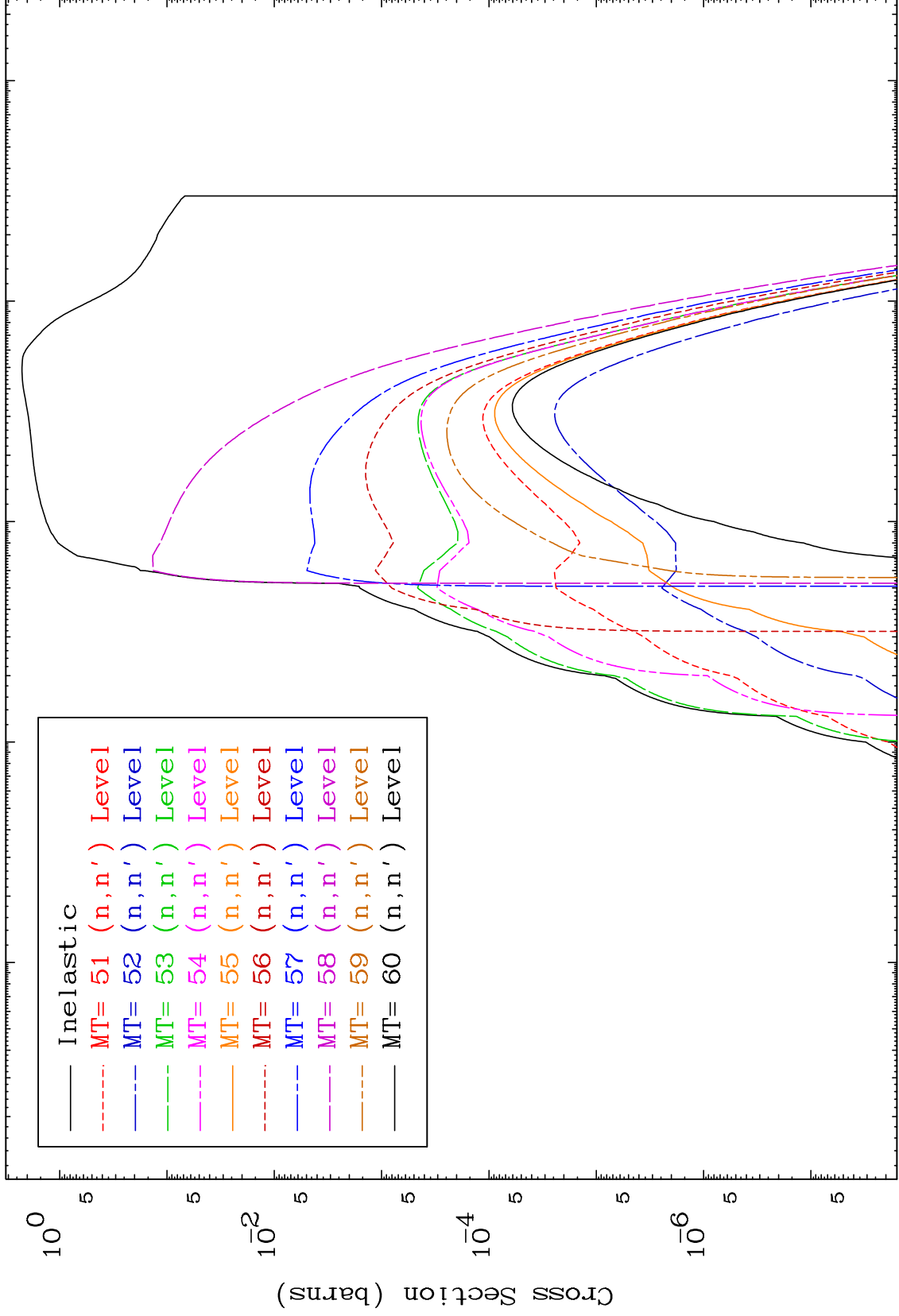
6

MAT 4959

(n,n') Level

49-In-124

293 Kelvin Cross Sections



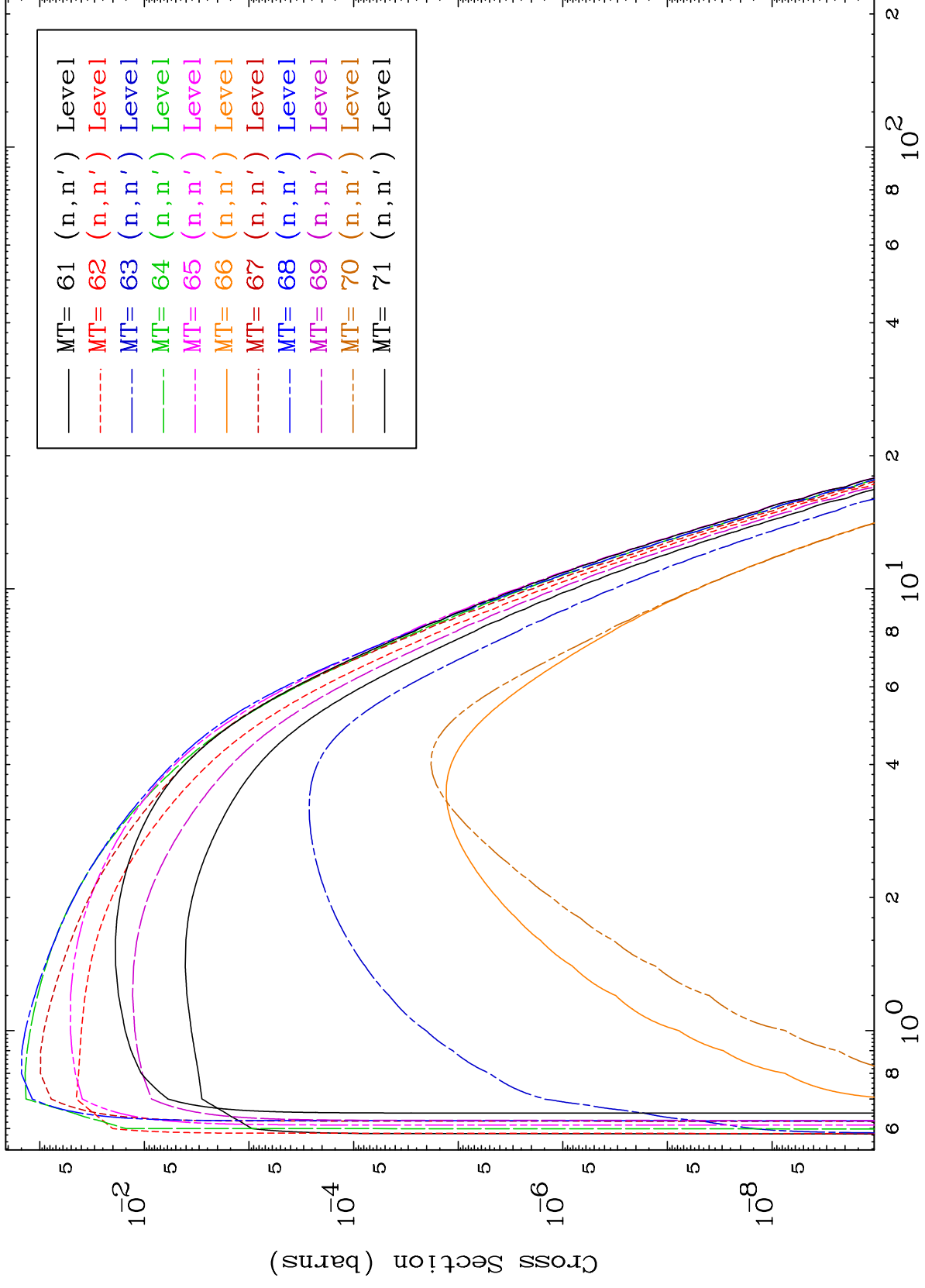


MAT 4959

(n,n') Level

49-In-124

293 Kelvin Cross Sections



8

Incident Energy (MeV)

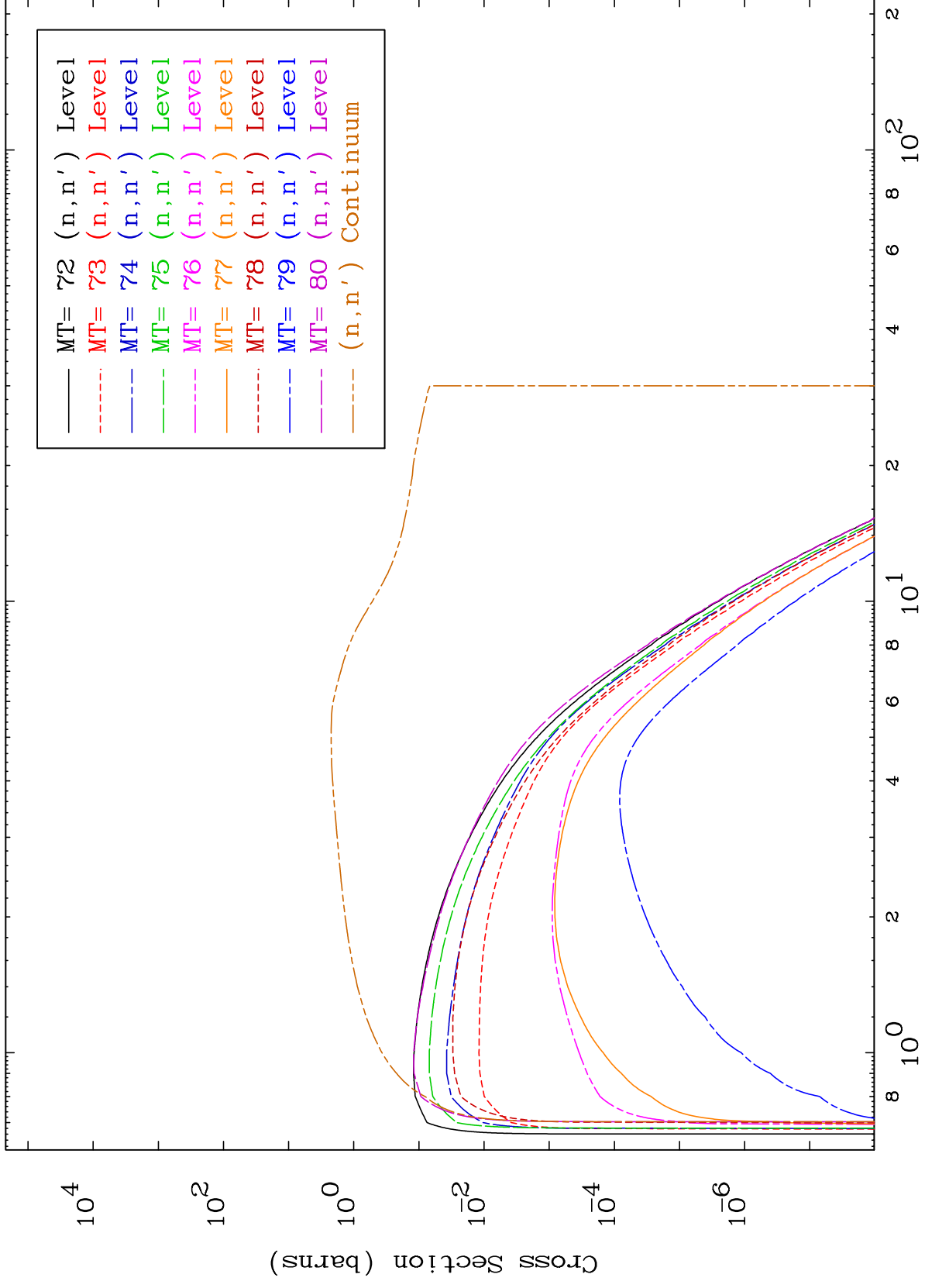
49-In-124

MAT 4959

(n,n') Level

49-In-124

293 Kelvin Cross Sections



9

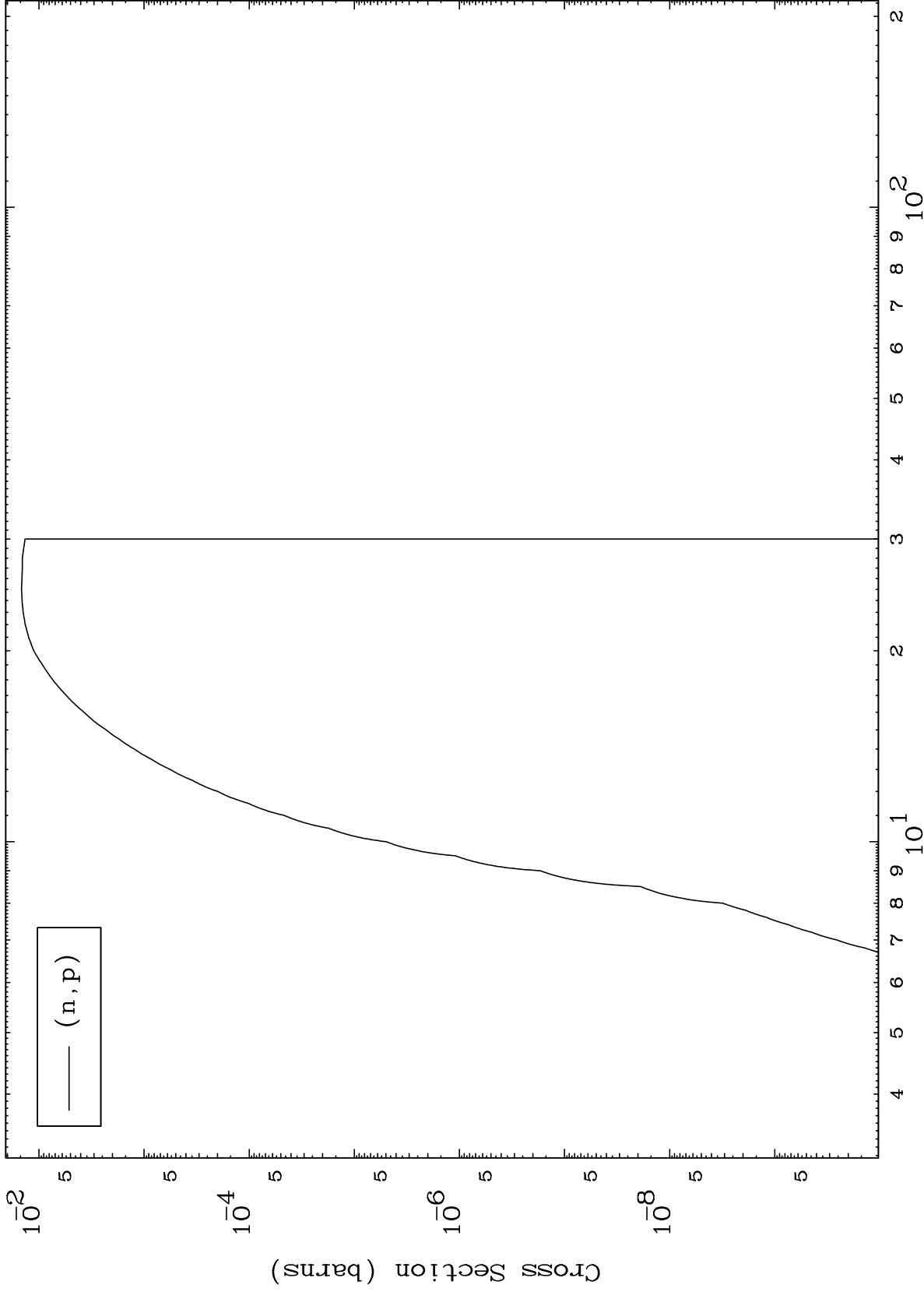
Incident Energy (MeV)

49-In-124

MAT 4959

(n,p) Levels  
293 Kelvin Cross Sections

49-In-124



10

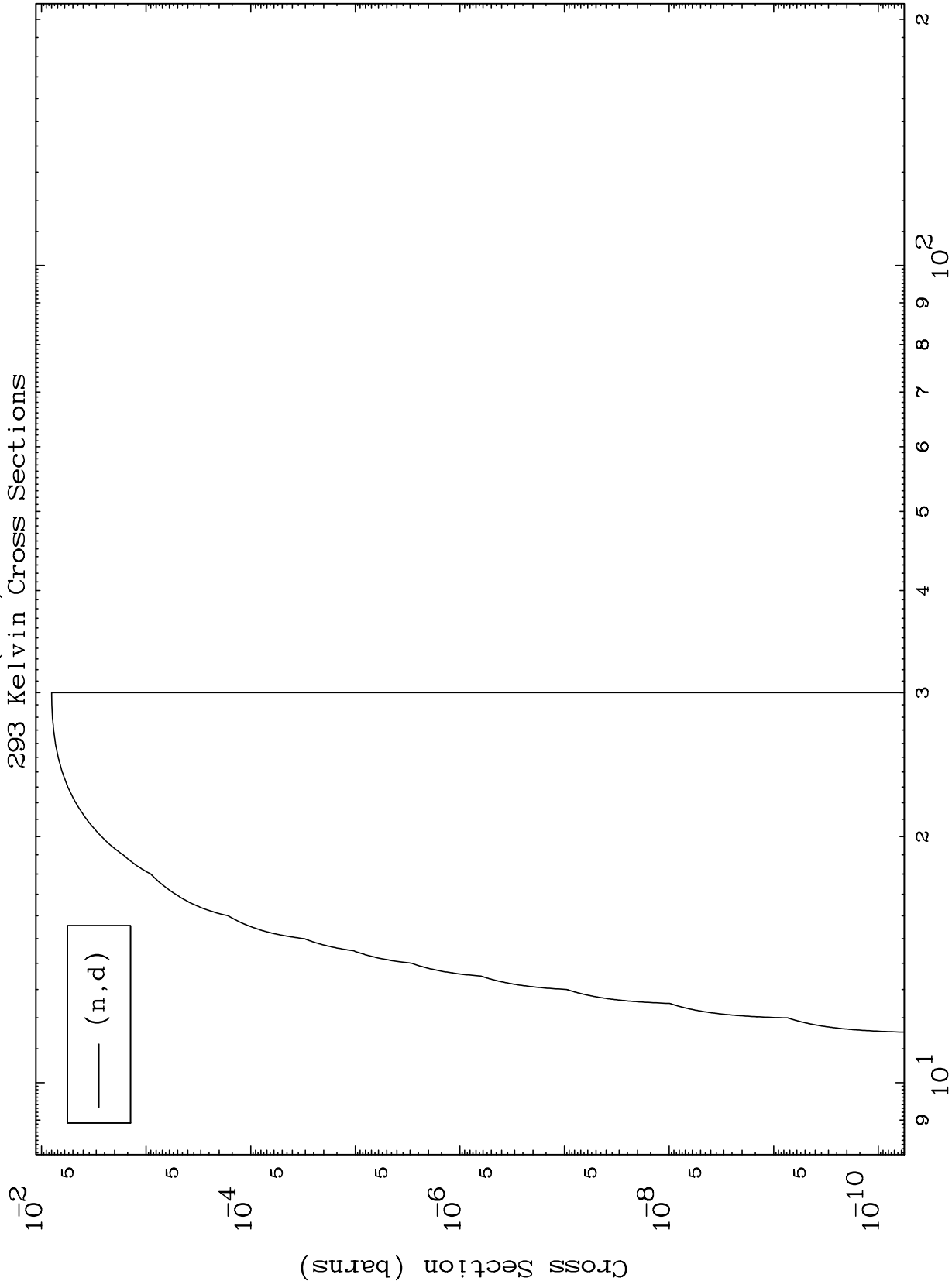
Incident Energy (MeV)

49-In-124

MAT 4959

(n,d) Levels  
293 Kelvin Cross Sections

49-In-124



11

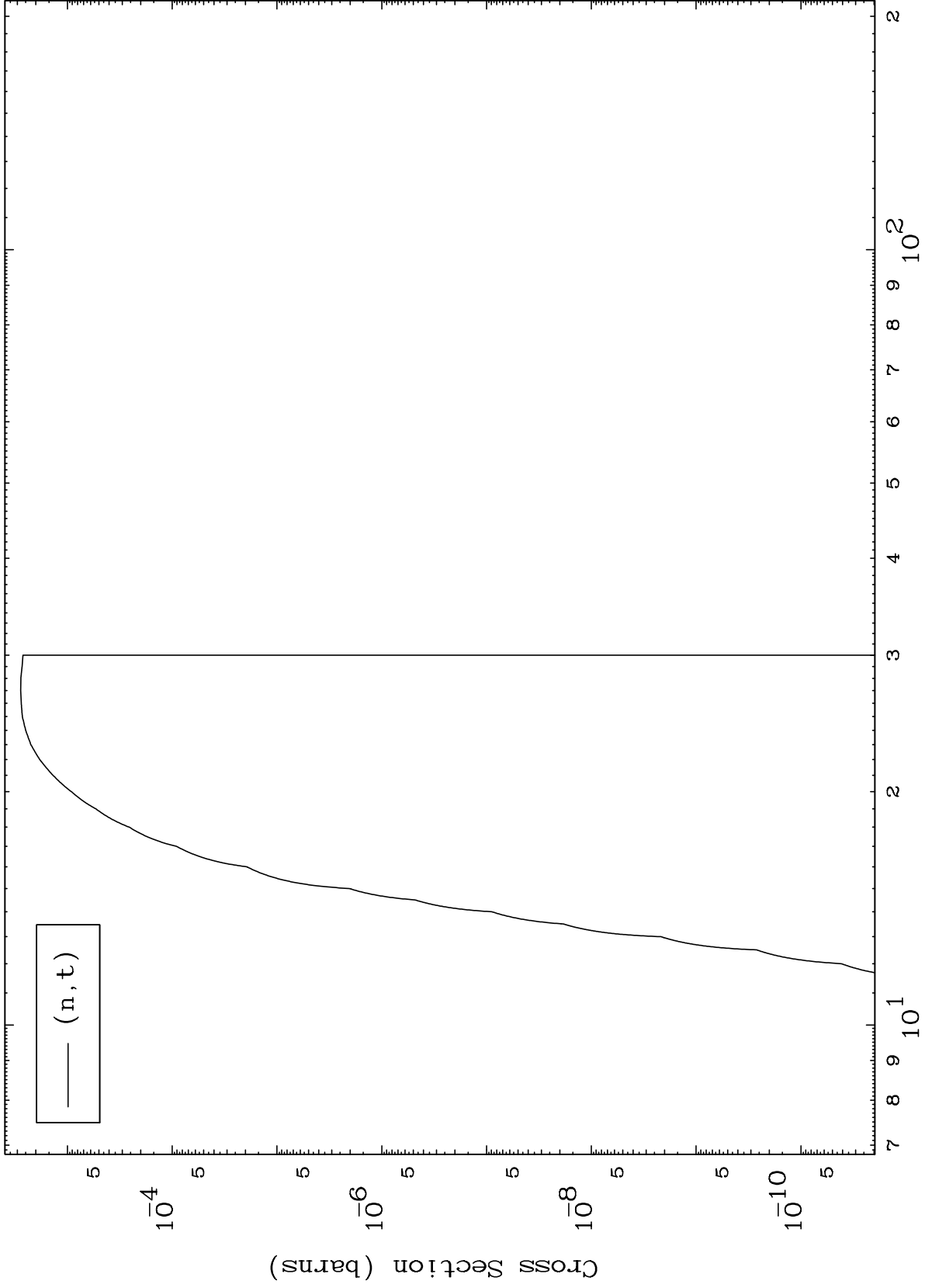
Incident Energy (MeV)

49-In-124

MAT 4959

(n,t) Levels  
293 Kelvin Cross Sections

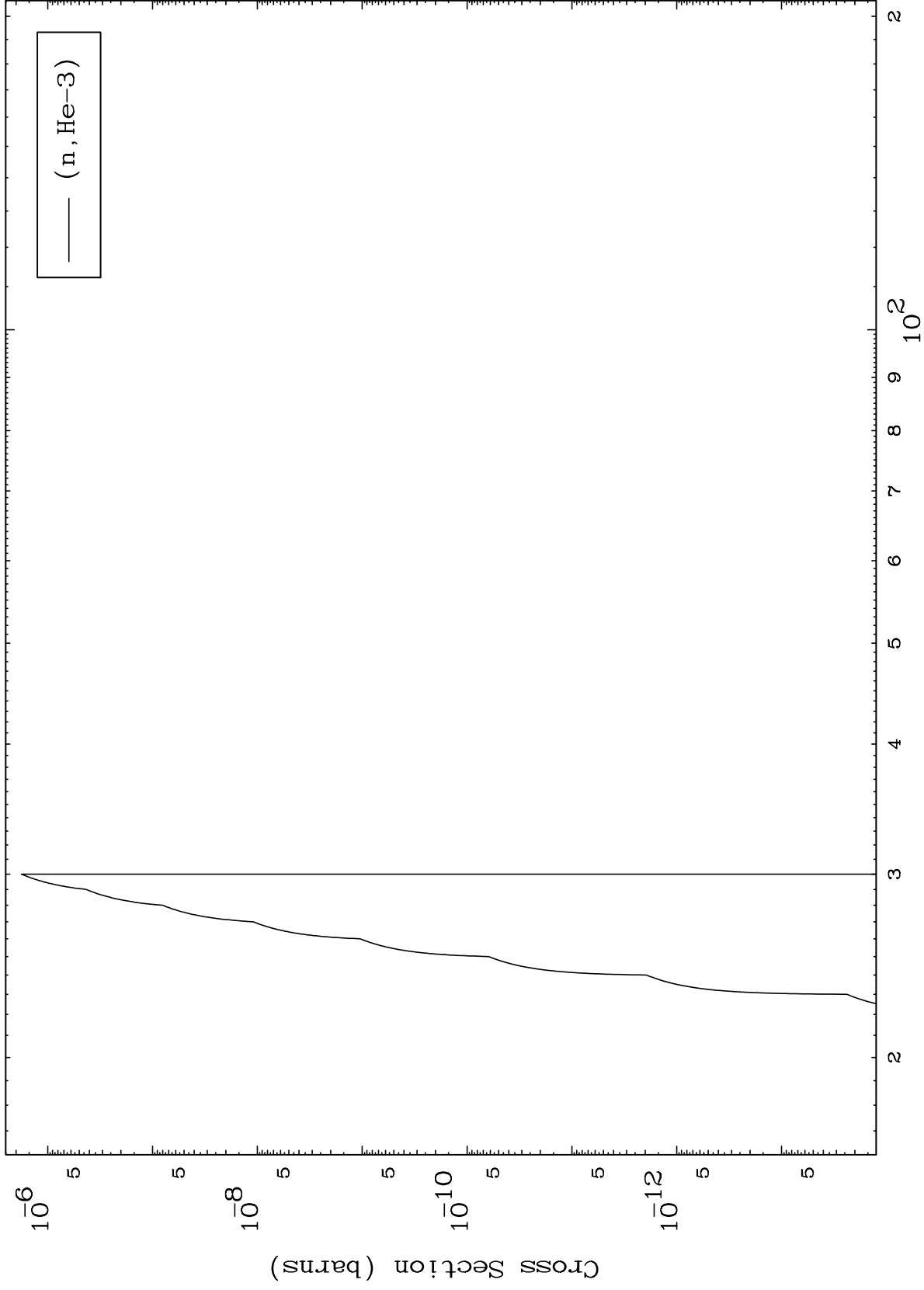
49-In-124



12

Incident Energy (MeV)

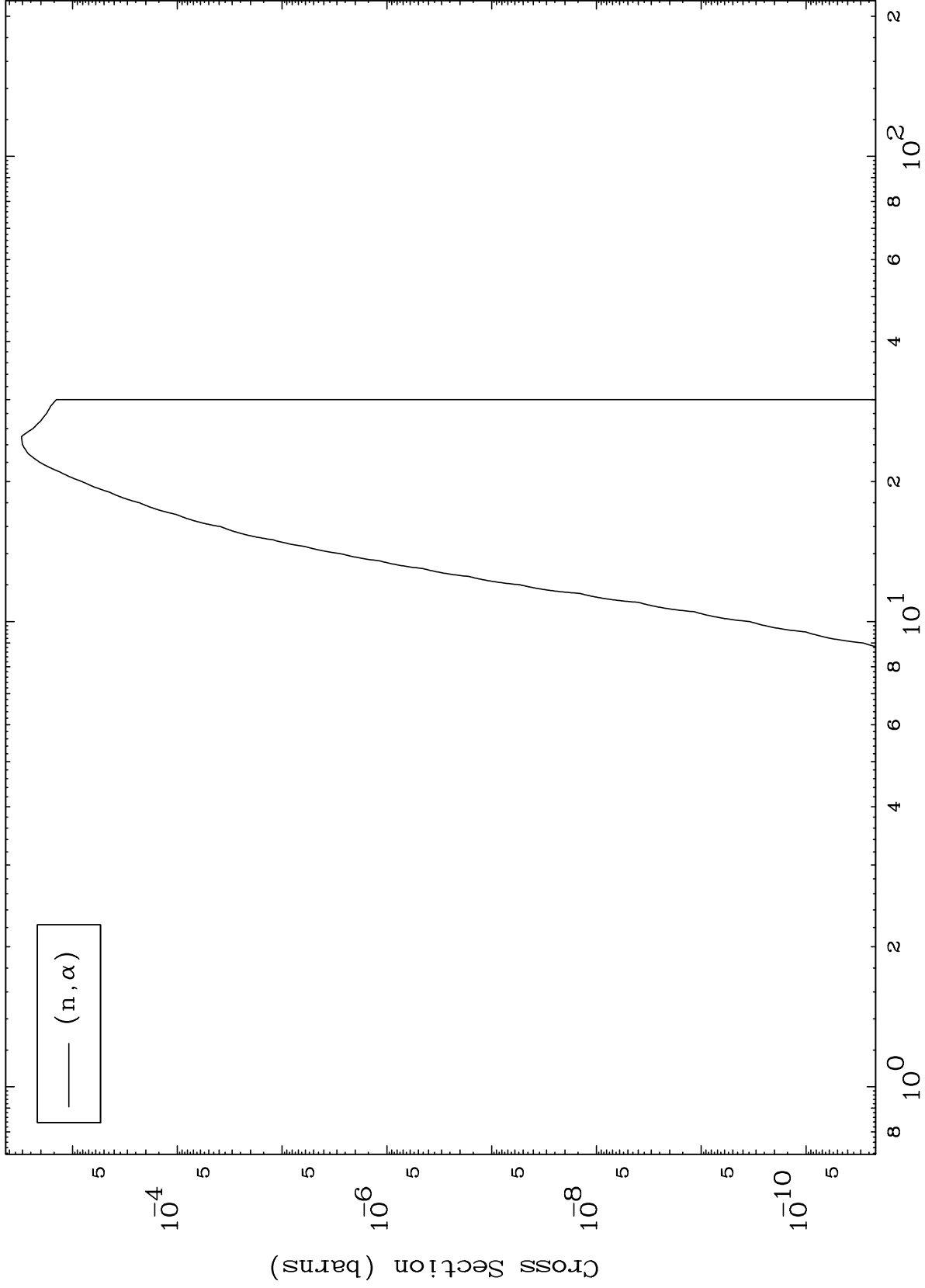
49-In-124



MAT 4959

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

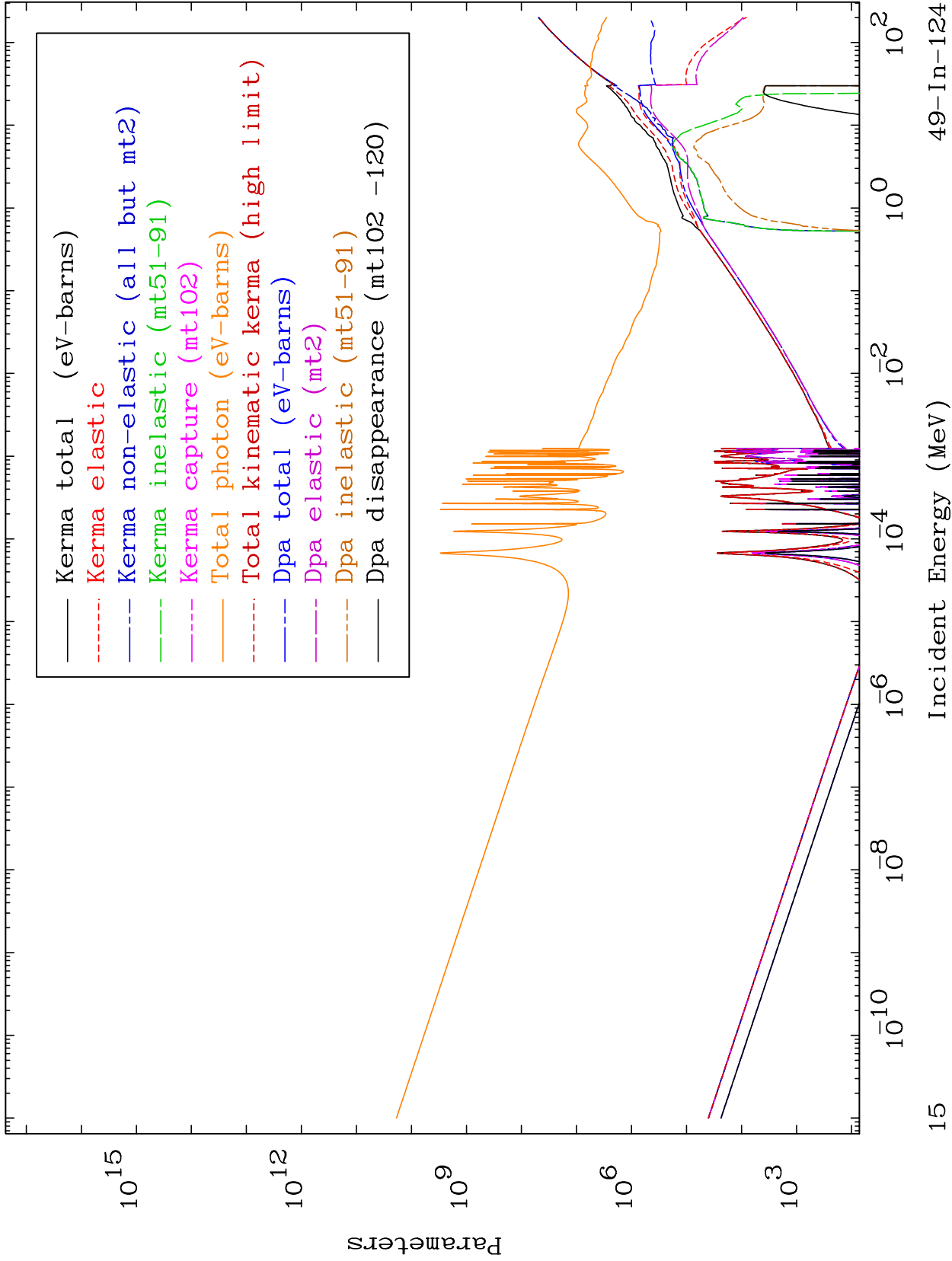
49-In-124



14

Incident Energy (MeV)

49-In-124



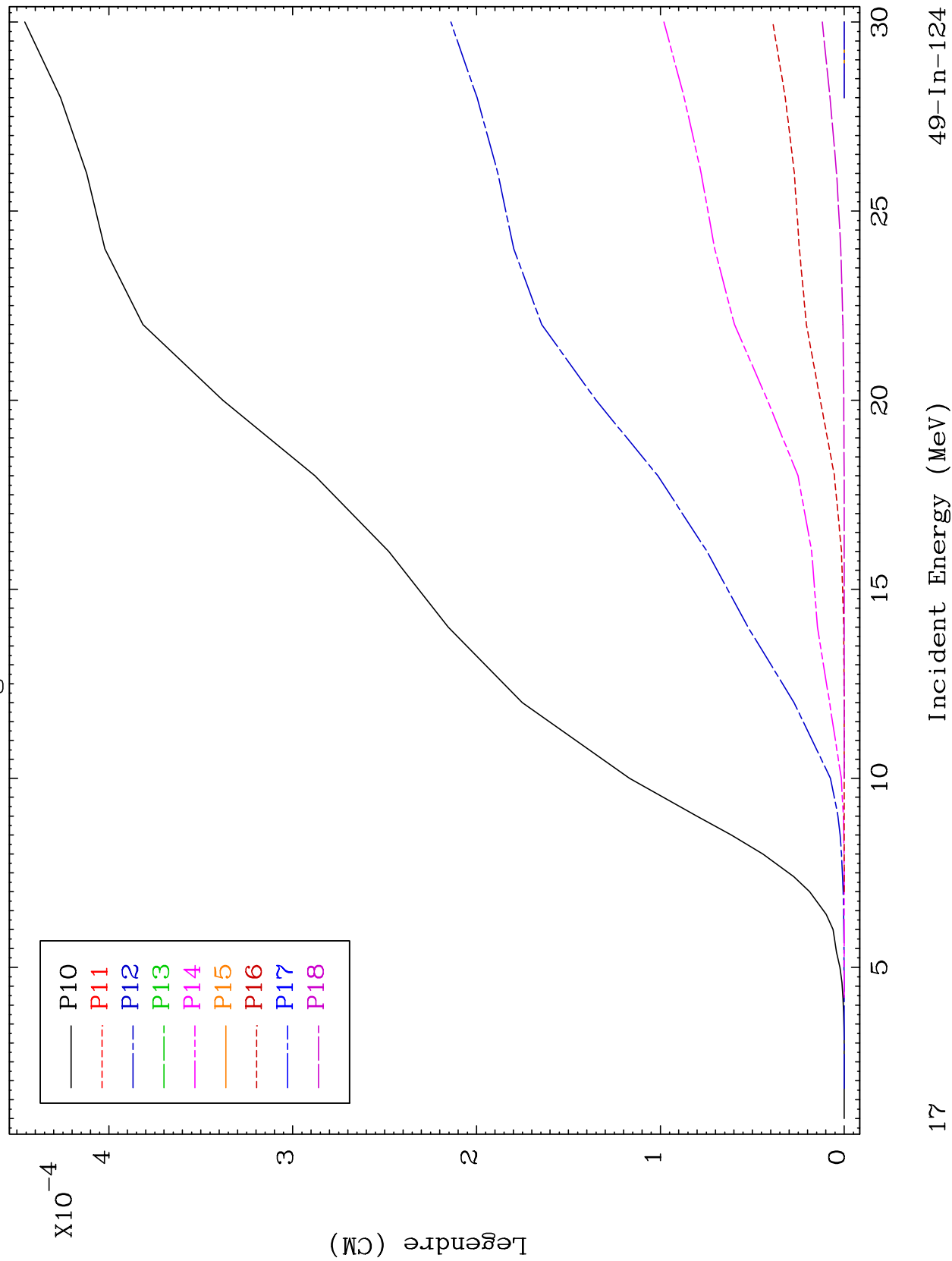




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Elastic Legendre Coefficients

49-In-124



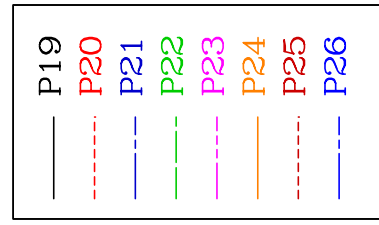
17

49-In-124

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Elastic  
Legendre Coefficients

49-In-124



$\times 10^{-7}$

Legendre (CM)



18

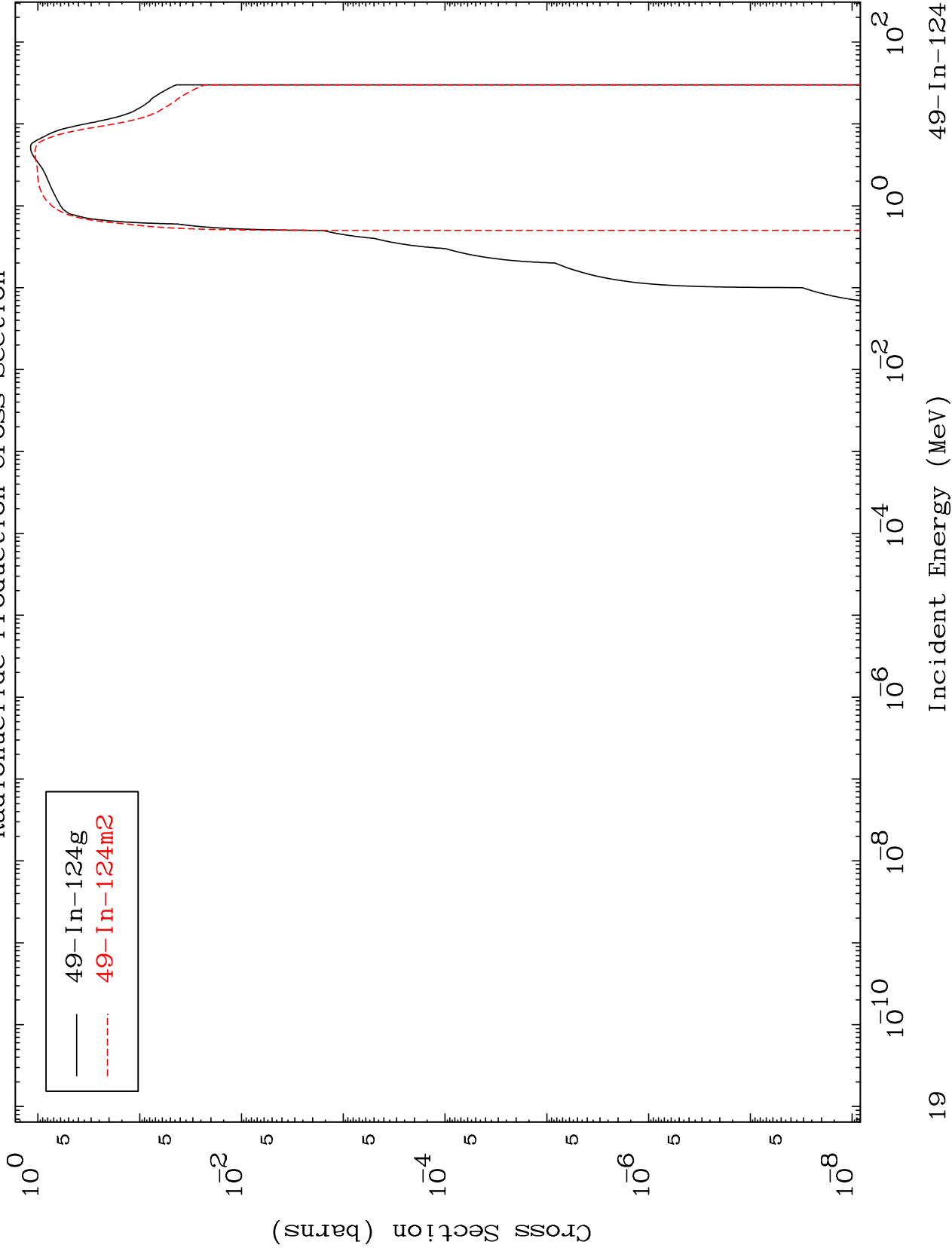
Incident Energy (MeV)

49-In-124

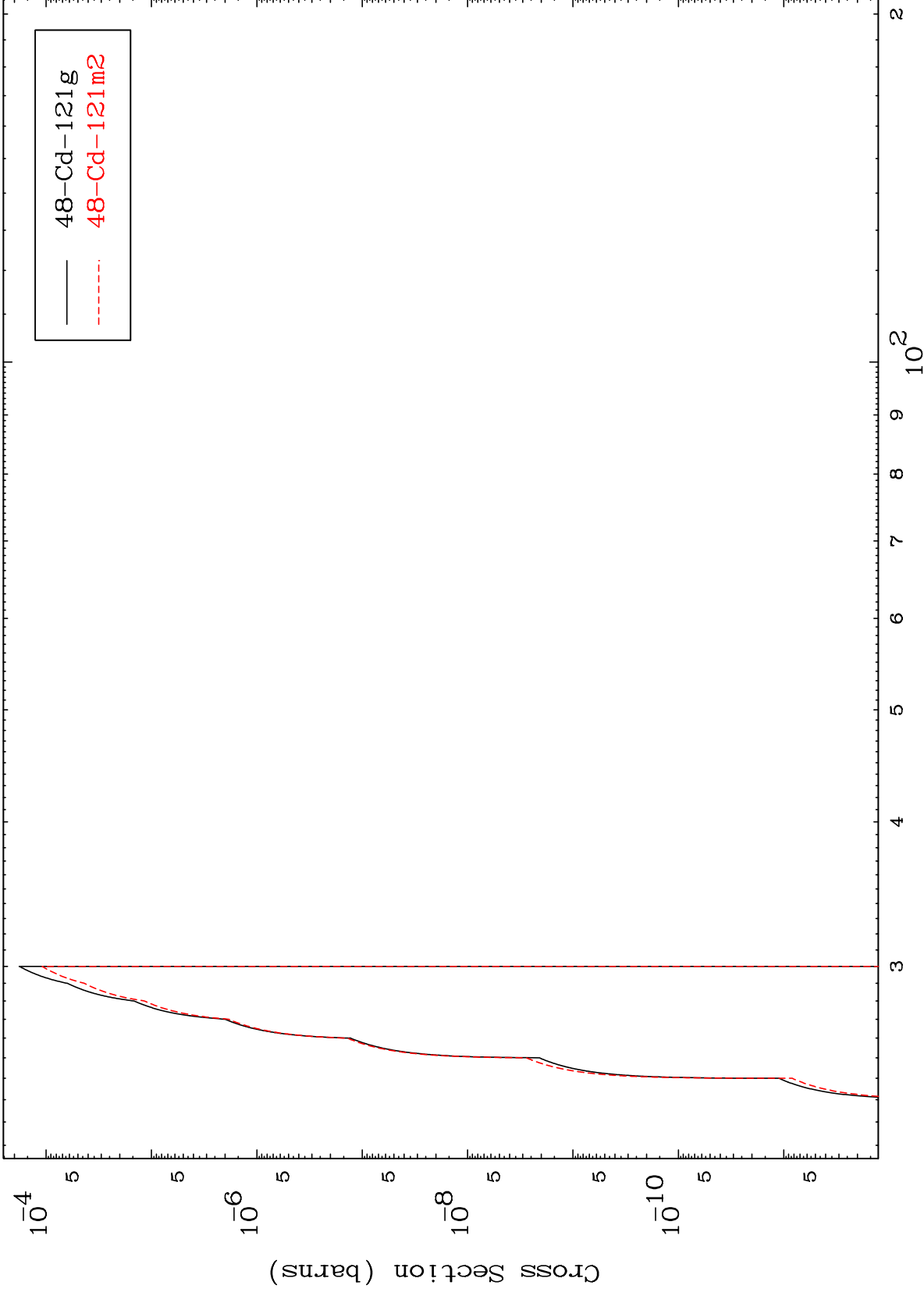
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Inelastic  
Radionuclide Production Cross Section

49-In-124



Radionuclide Production Cross Section



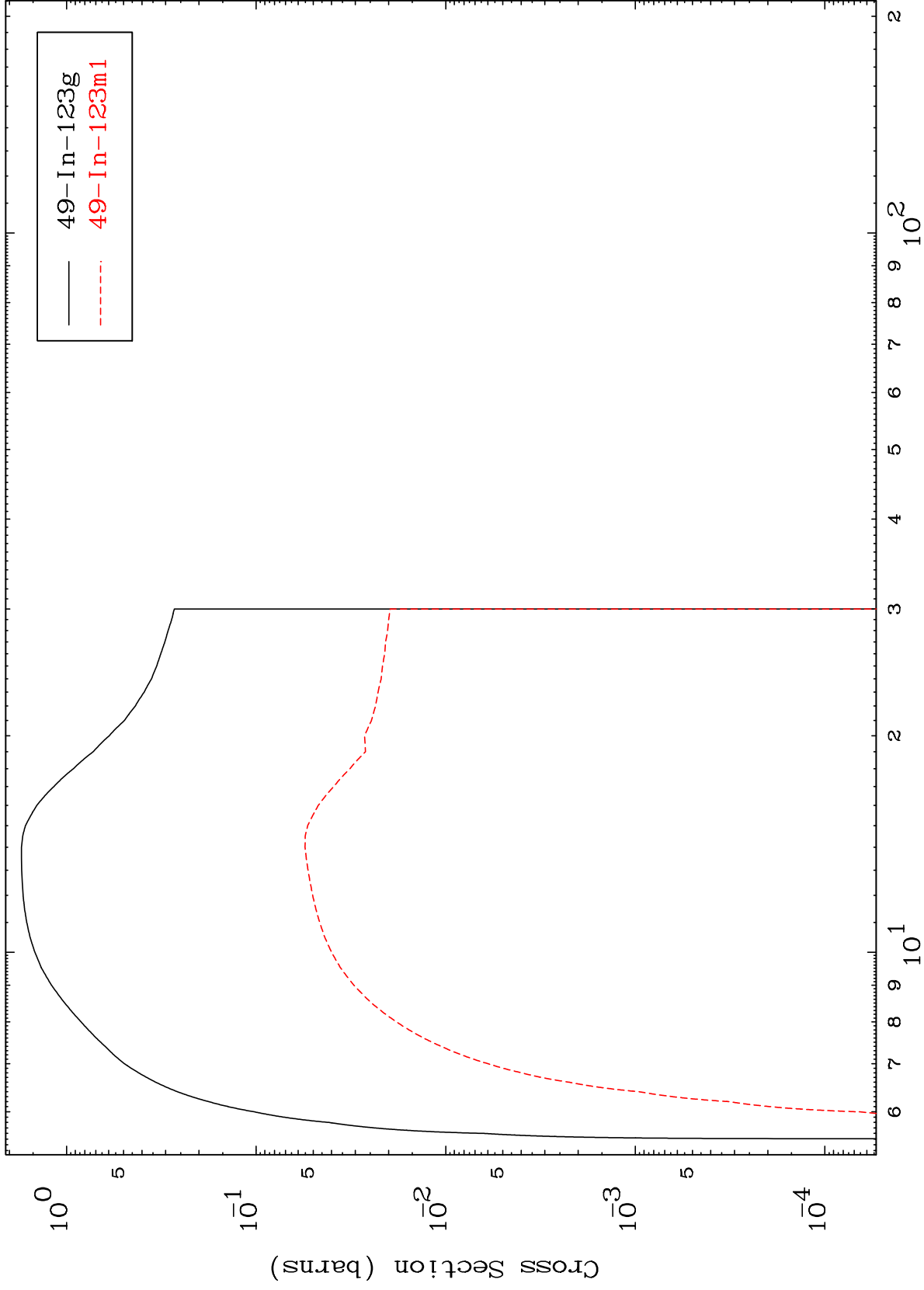
48-Cd-121g  
48-Cd-121m2

MAT 4959

(n,2n)

49-In-124

Radionuclide Production Cross Section



21

Incident Energy (MeV)

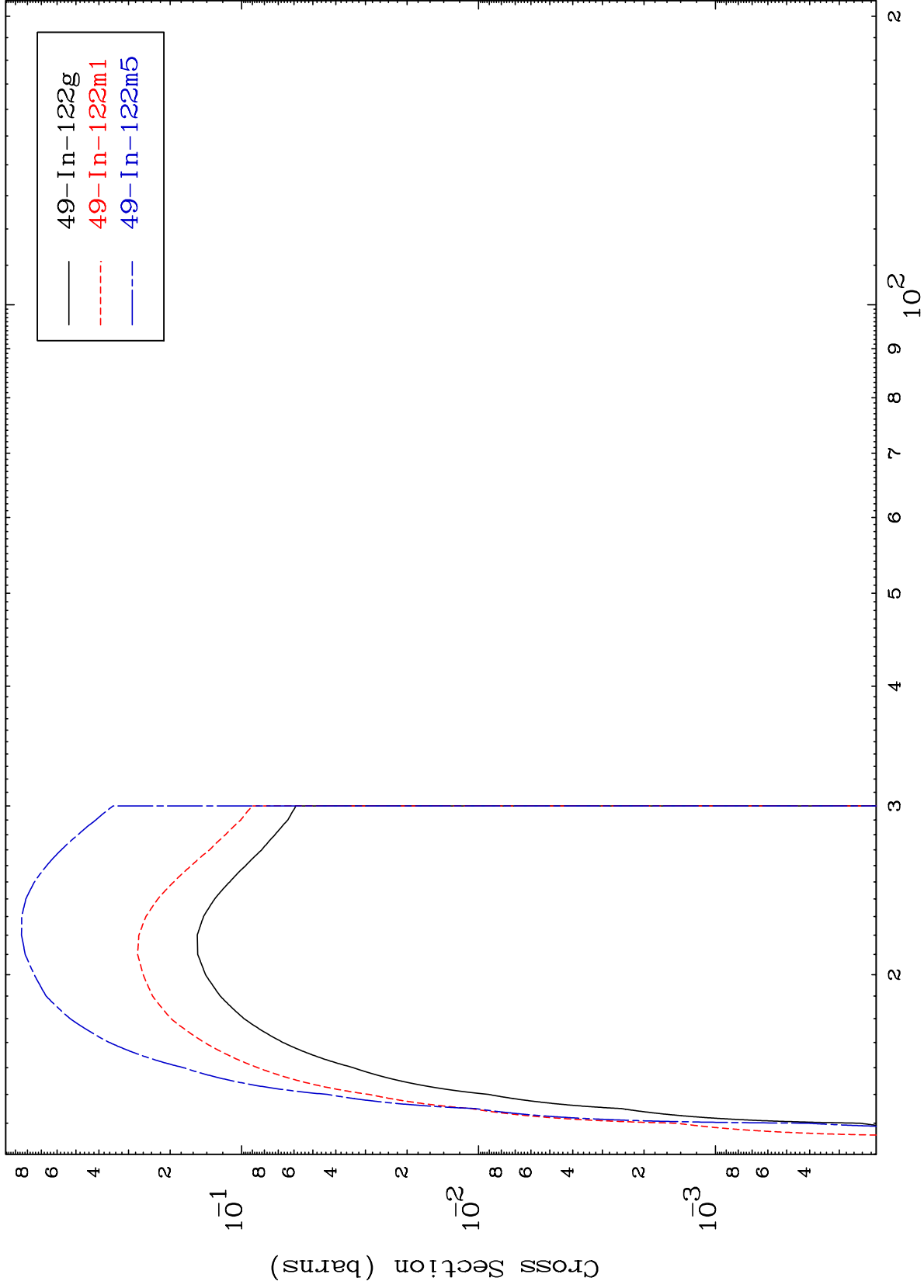
49-In-124

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(n,3n)

49-In-124

Radionuclide Production Cross Section



22

Incident Energy (MeV)

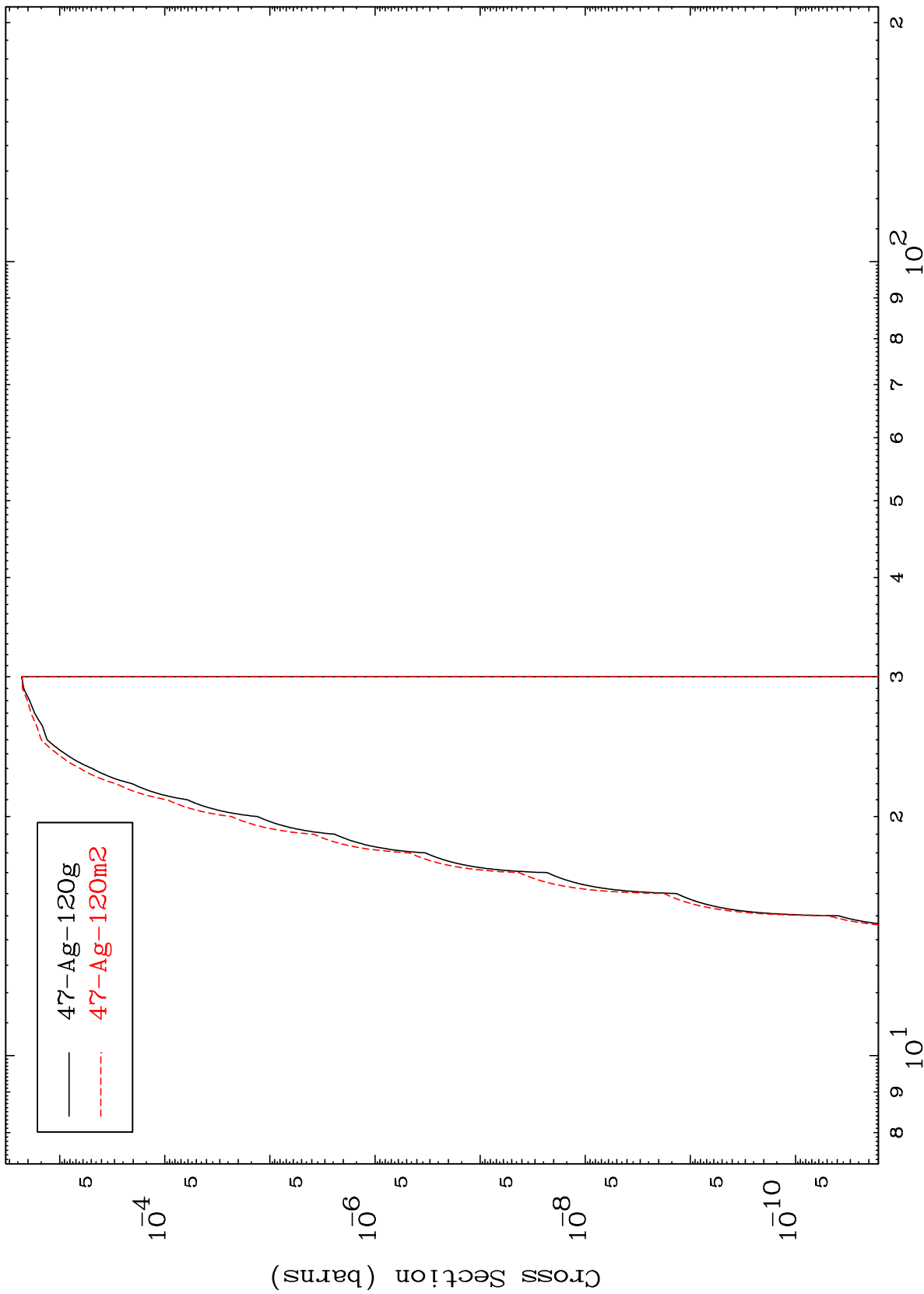
49-In-124

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(n,n')  $\alpha$

49-In-124

Radionuclide Production Cross Section



23

Incident Energy (MeV)

49-In-124

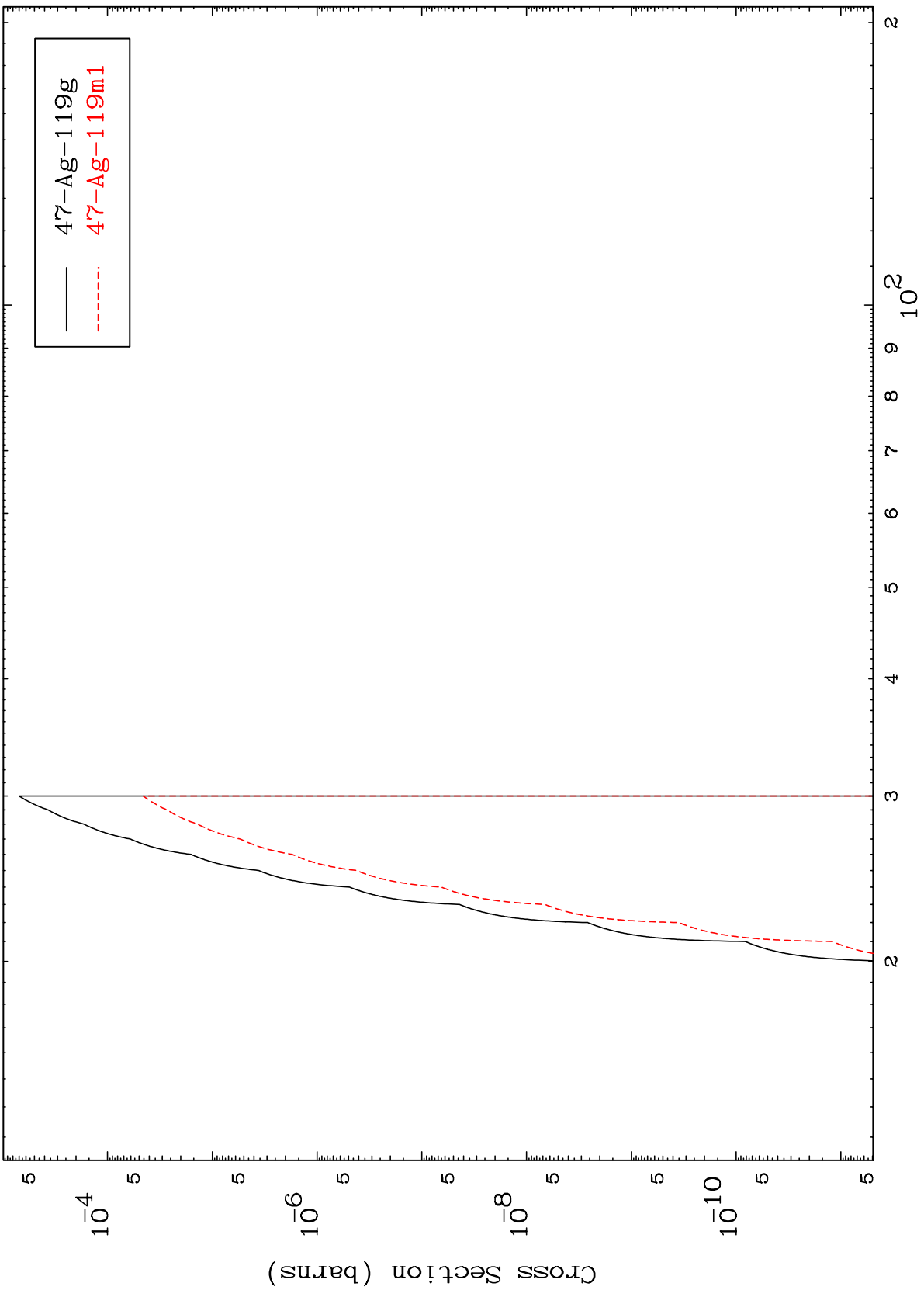


MAT 4959

(n,2n)  $\alpha$

49-In-124

Radionuclide Production Cross Section



24

Incident Energy (MeV)

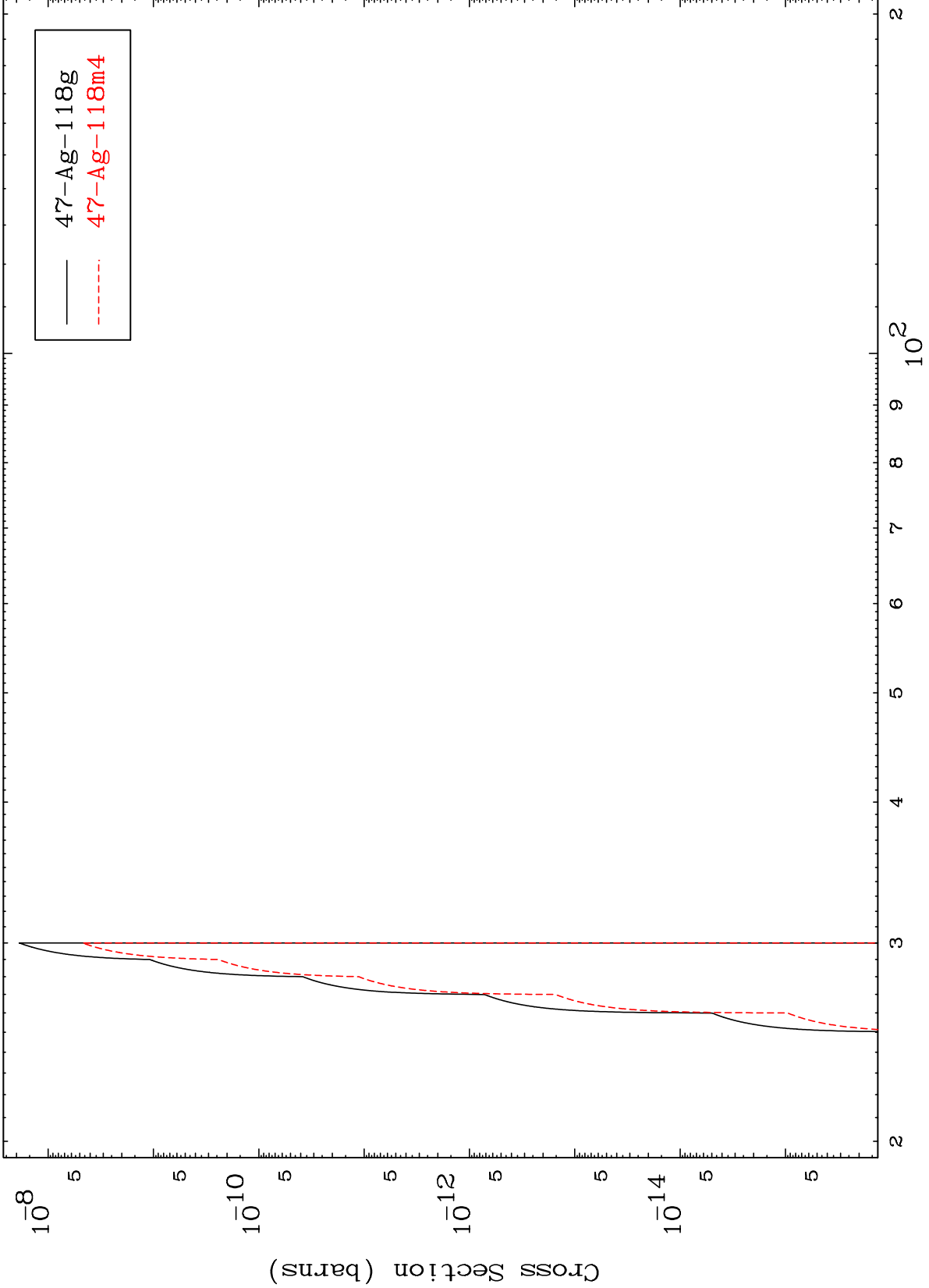
49-In-124

MAT 4959

(n,3n)  $\alpha$

49-In-124

Radionuclide Production Cross Section

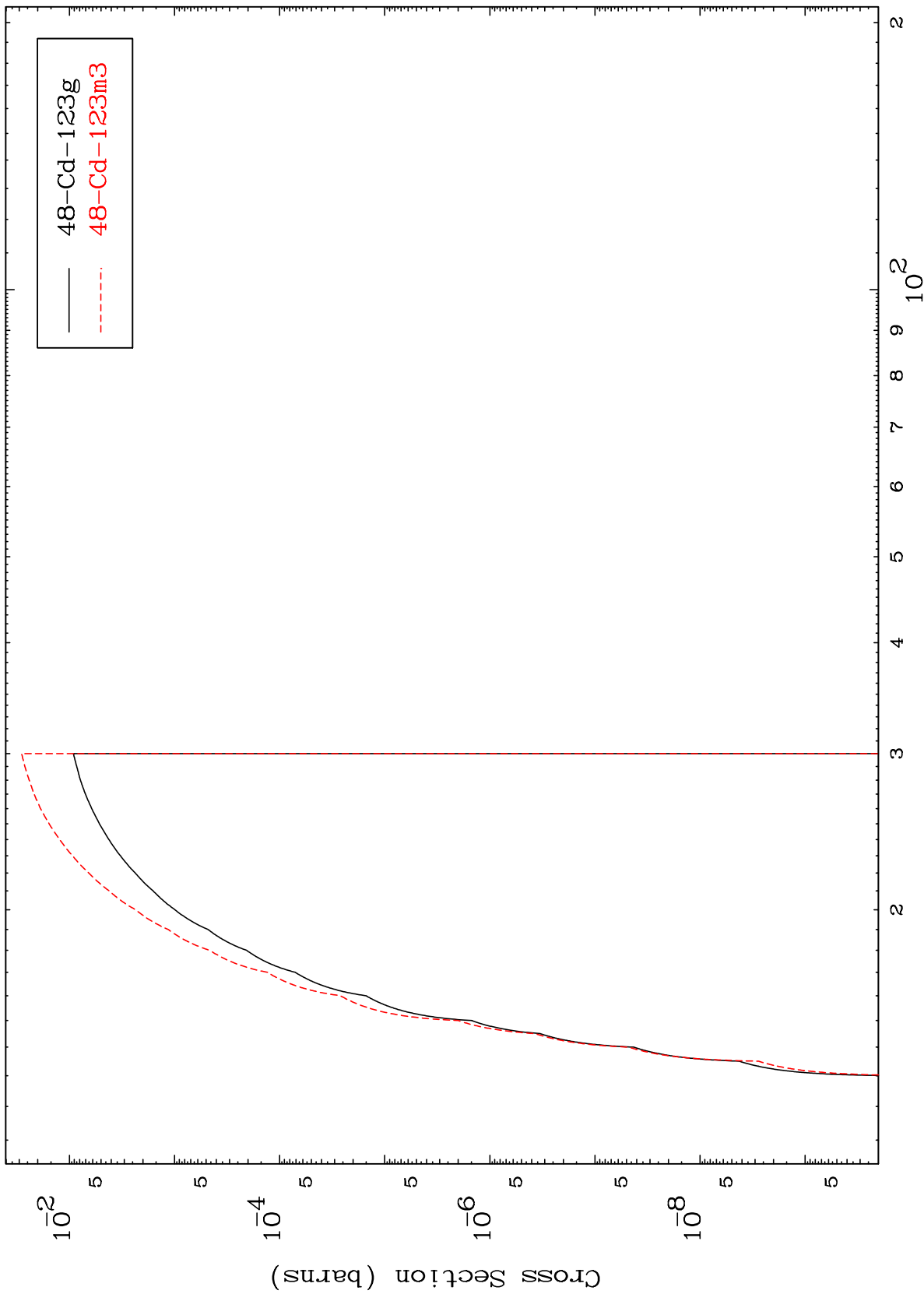


25

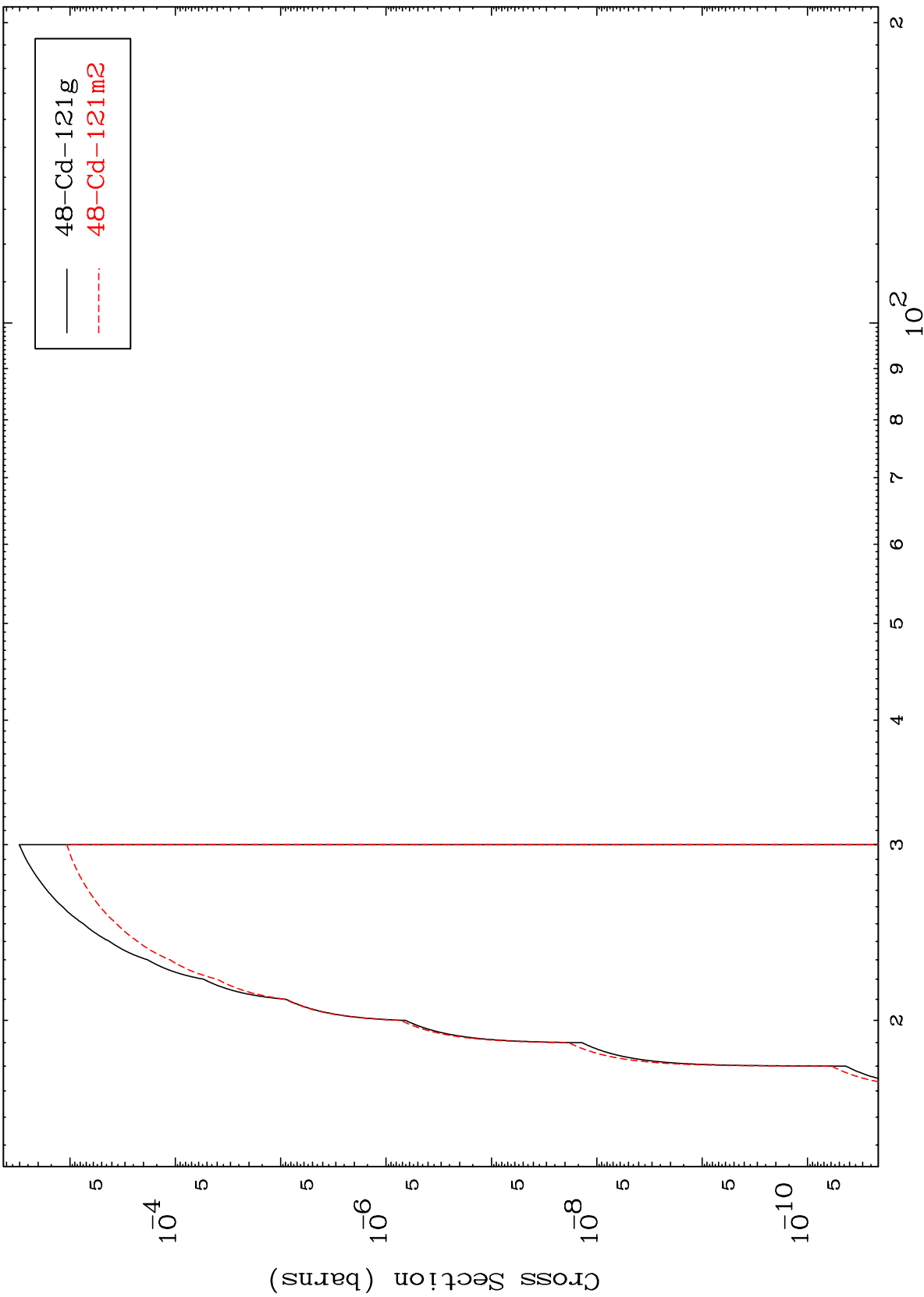
Incident Energy (MeV)

49-In-124

Radionuclide Production Cross Section



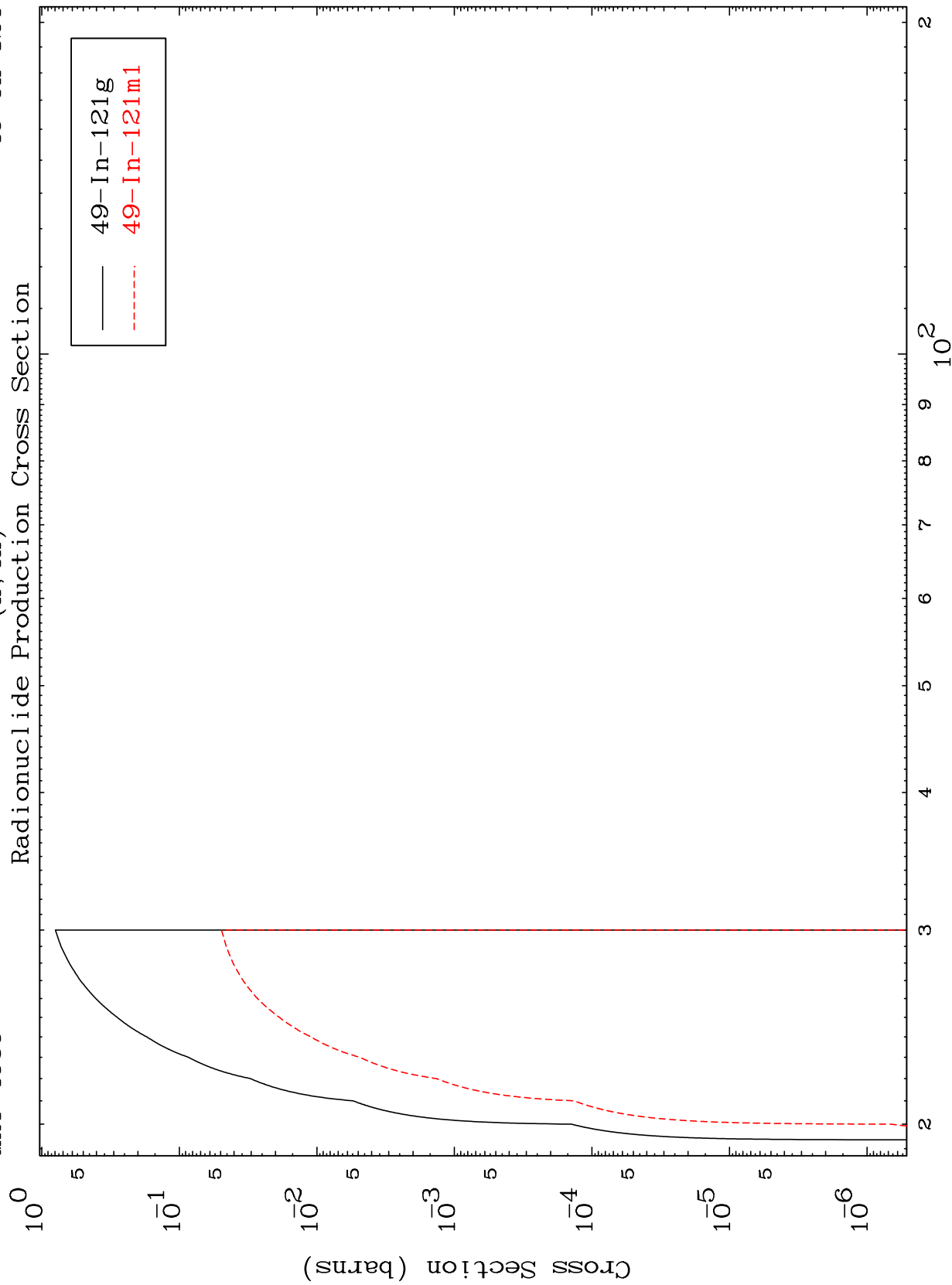
Radionuclide Production Cross Section



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49-In-124

(n,4n)  
Radionuclide Production Cross Section

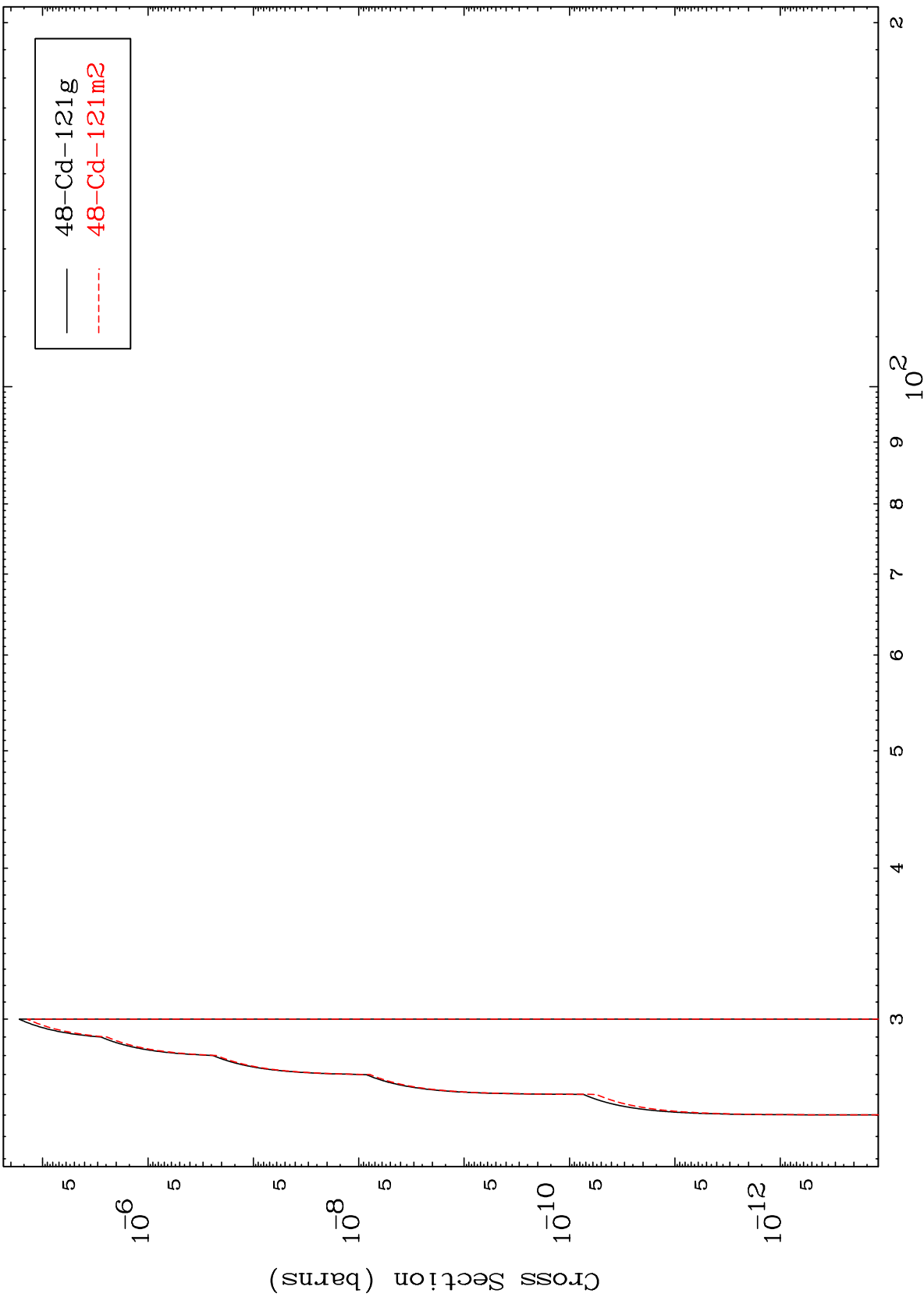


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Incident Energy (MeV)

49-In-124

Radionuclide Production Cross Section

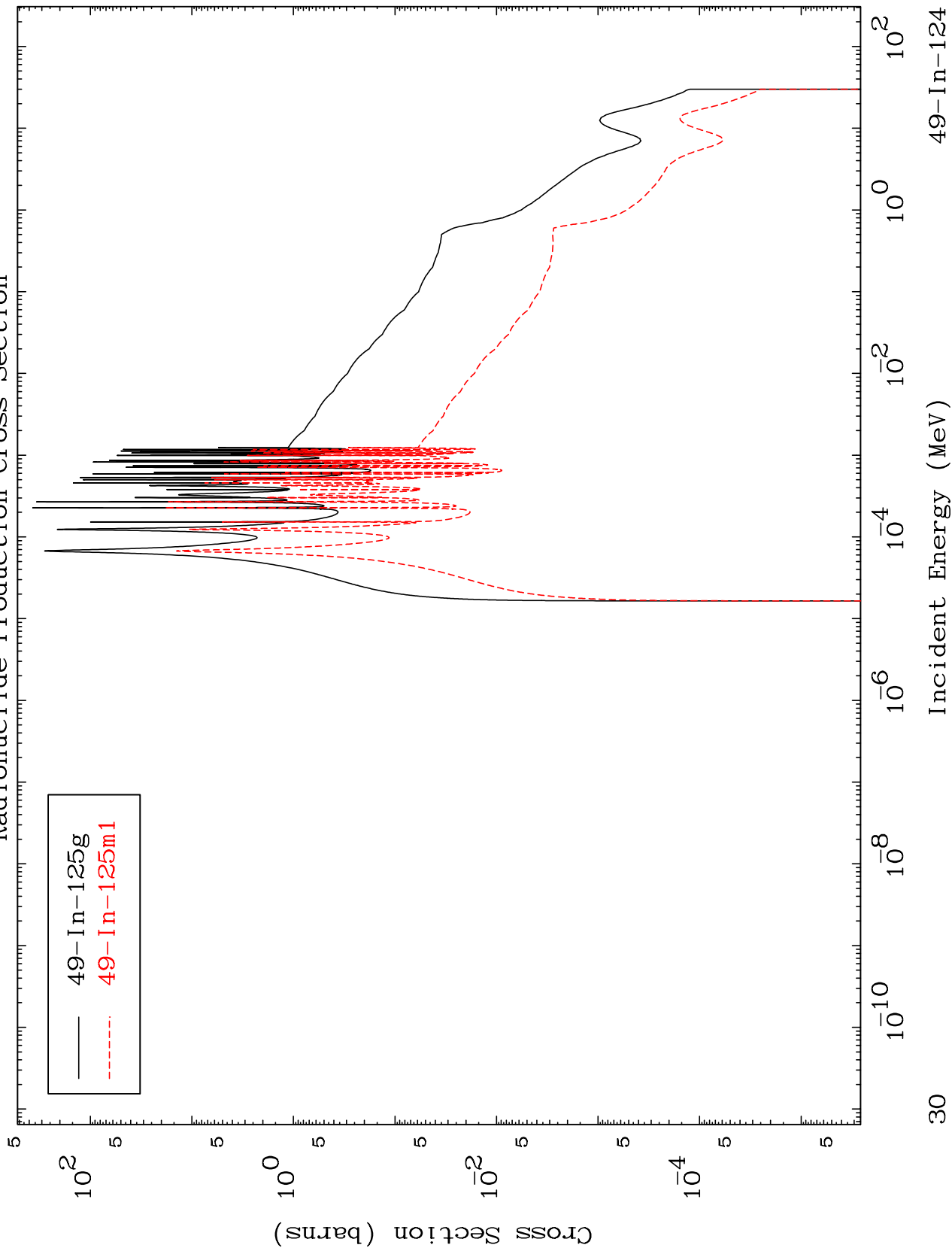


48-Cd-121g  
48-Cd-121m2

MAT 4959

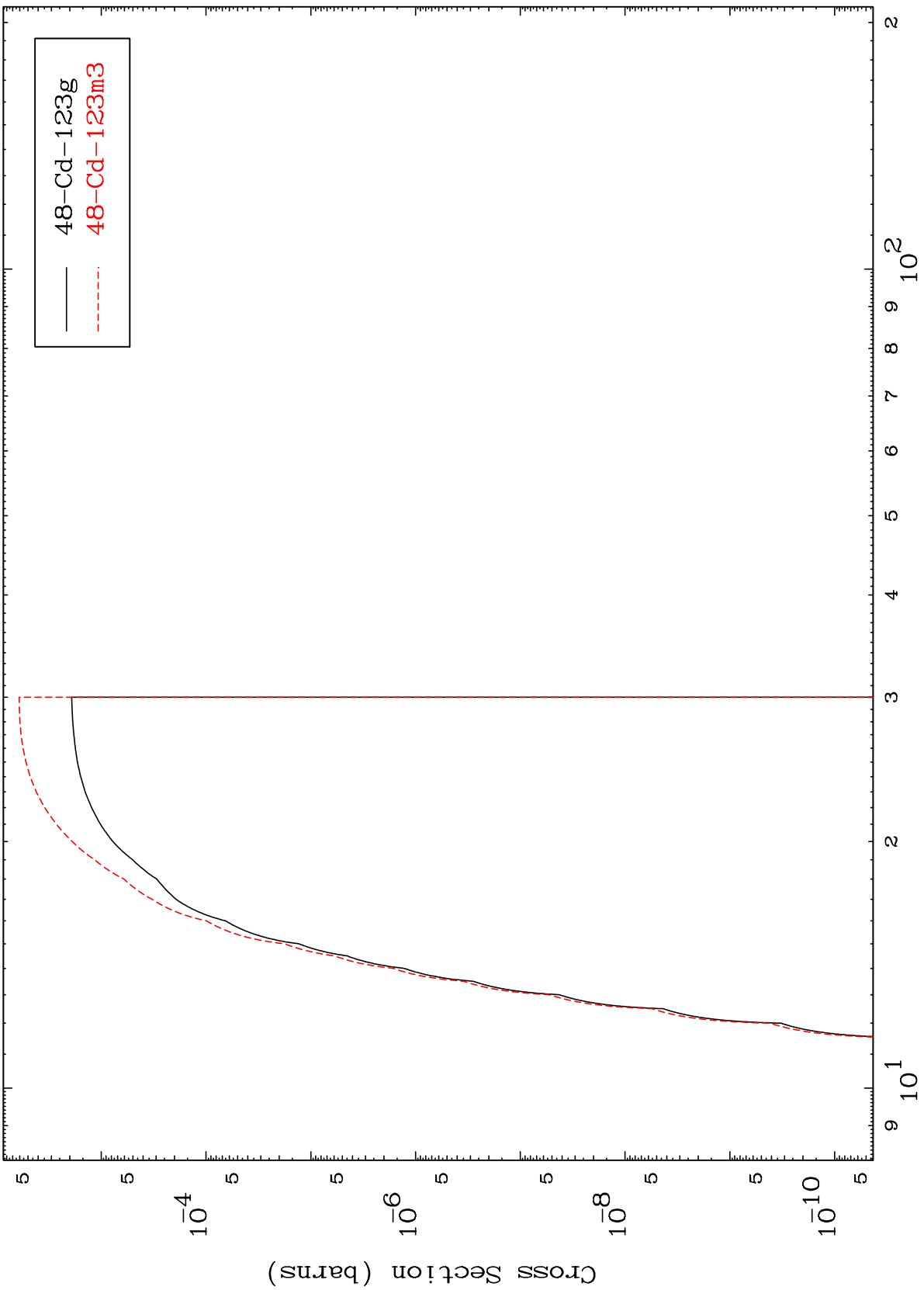
49-In-124

Radionuclide Production Cross Section



30

(n,d)  
Radionuclide Production Cross Section



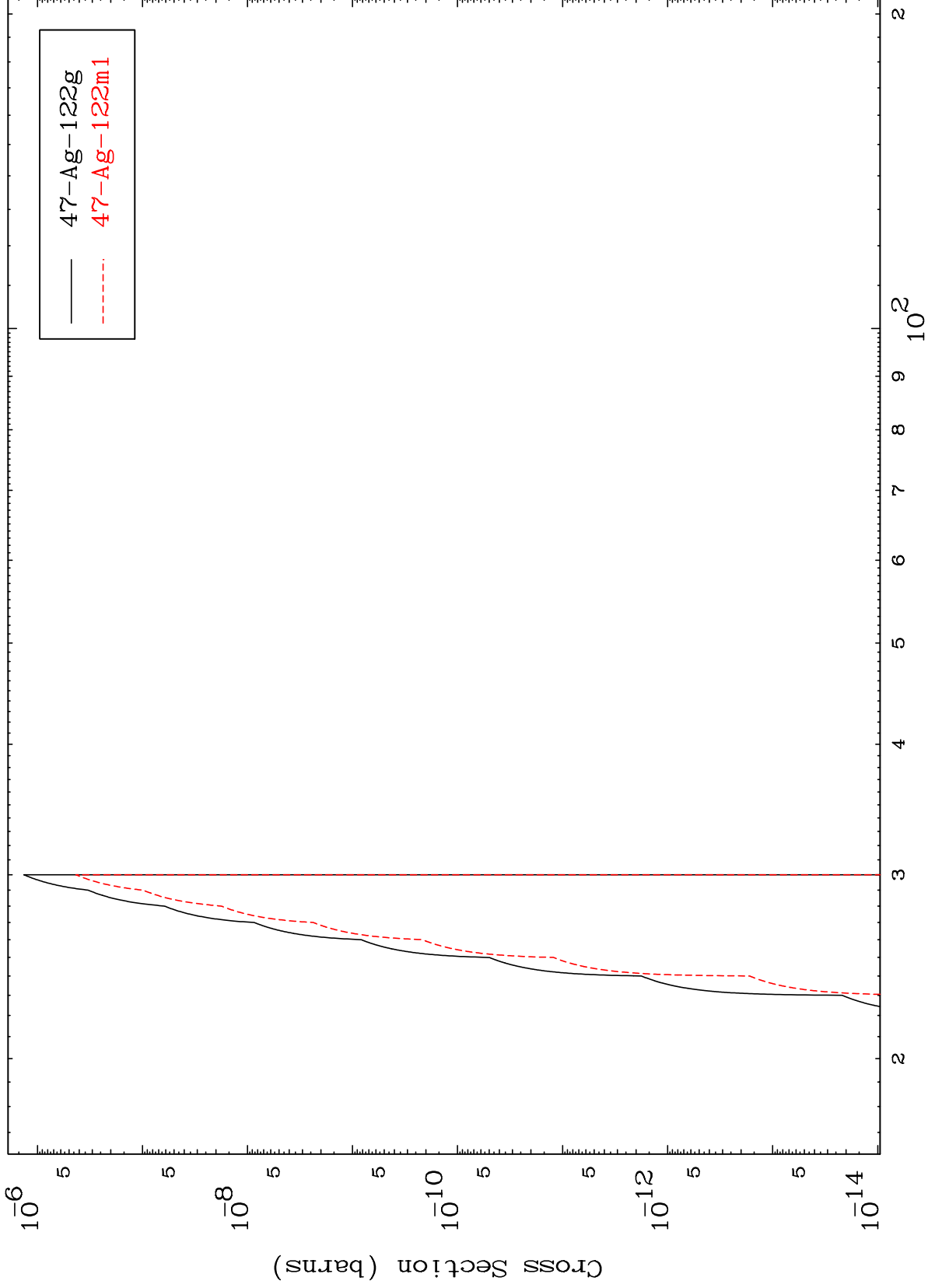


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(n,He-3)

49-In-124

Radionuclide Production Cross Section



32

Incident Energy (MeV)

49-In-124