

Program EVALPLOT  
(Version 2017-1)

by

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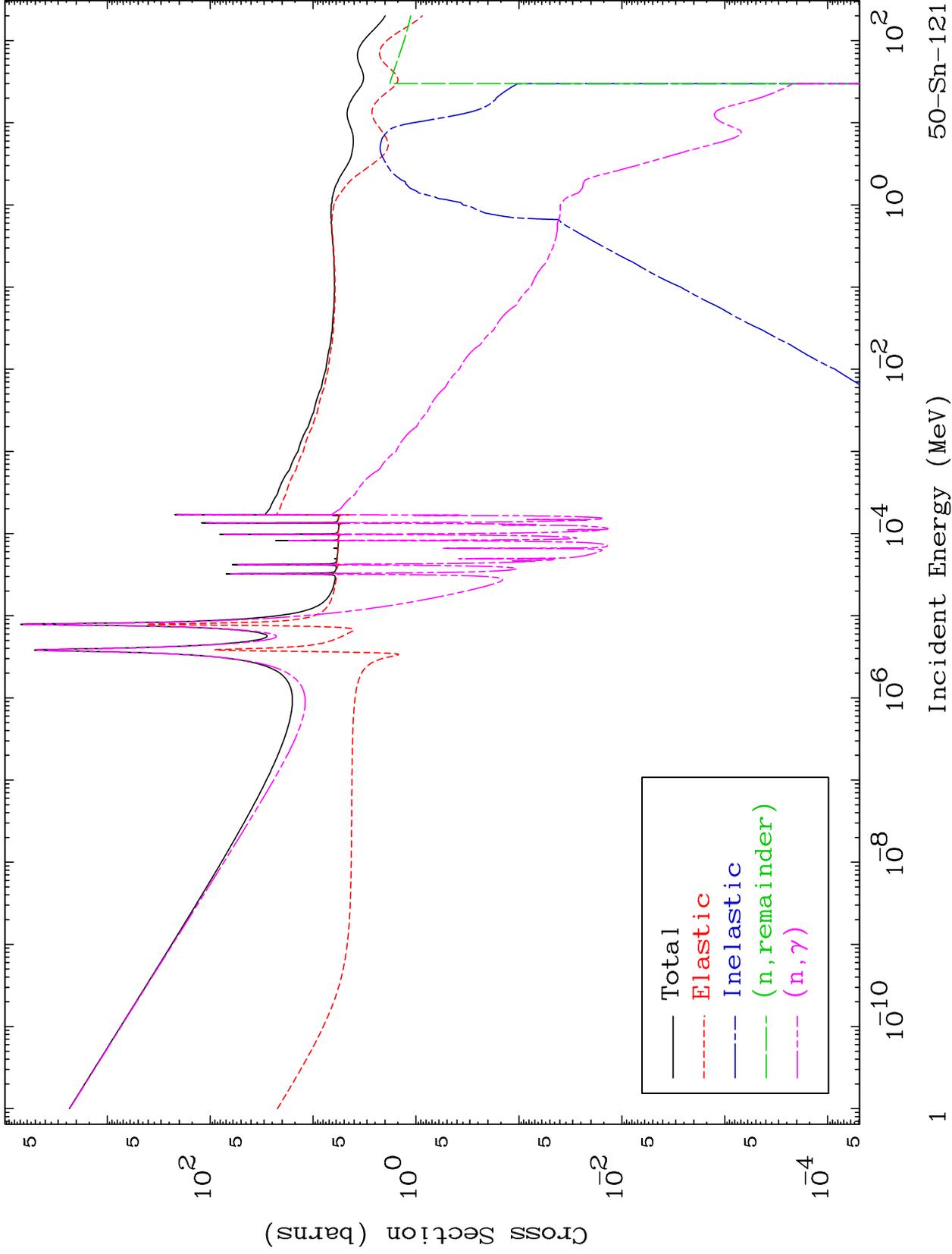
Press Mouse Button to Start

MAT 5053

Major

293 Kelvin Cross Sections

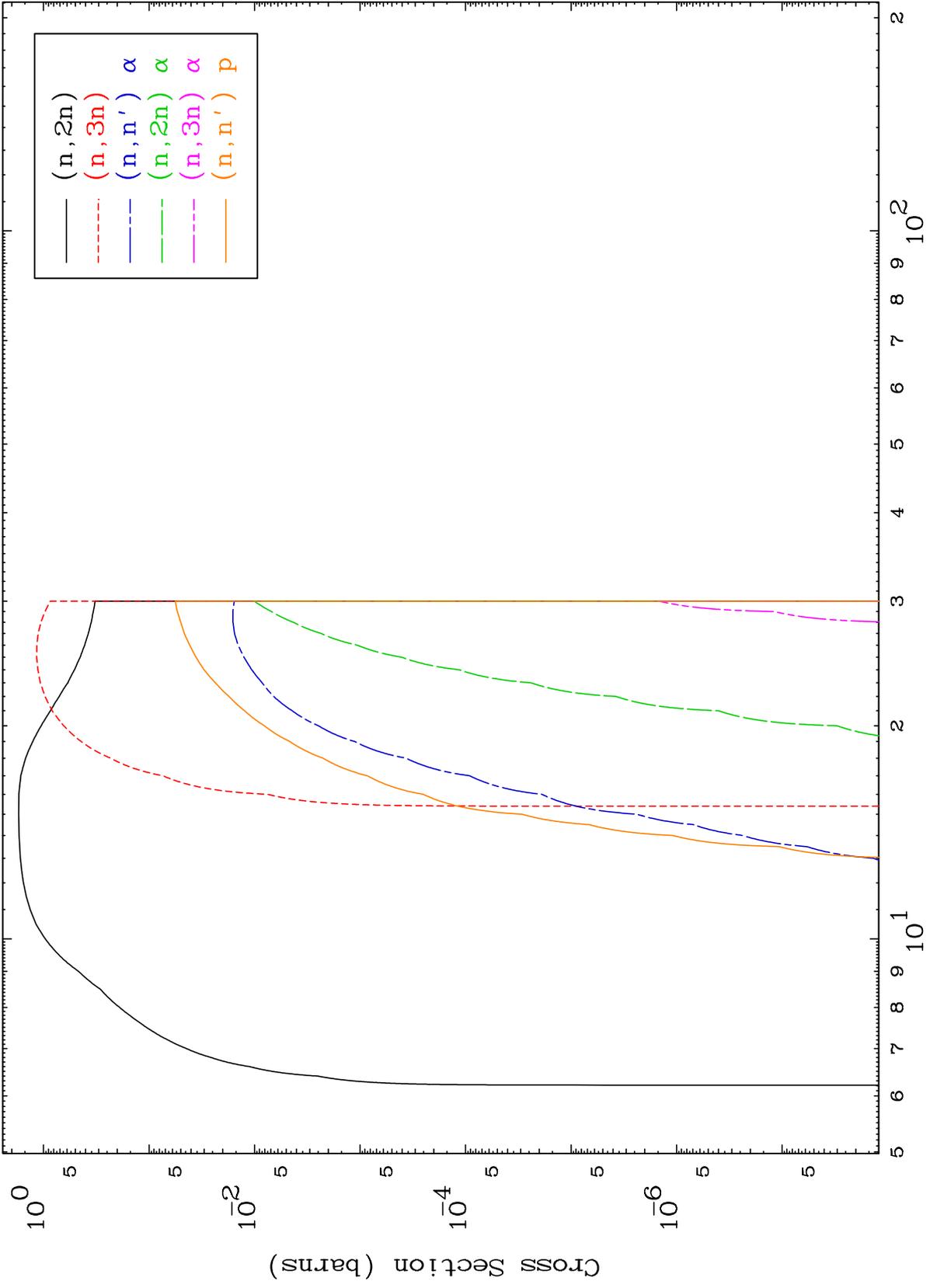
50-Sn-121



MAT 5053

Neutron Production  
293 Kelvin Cross Sections

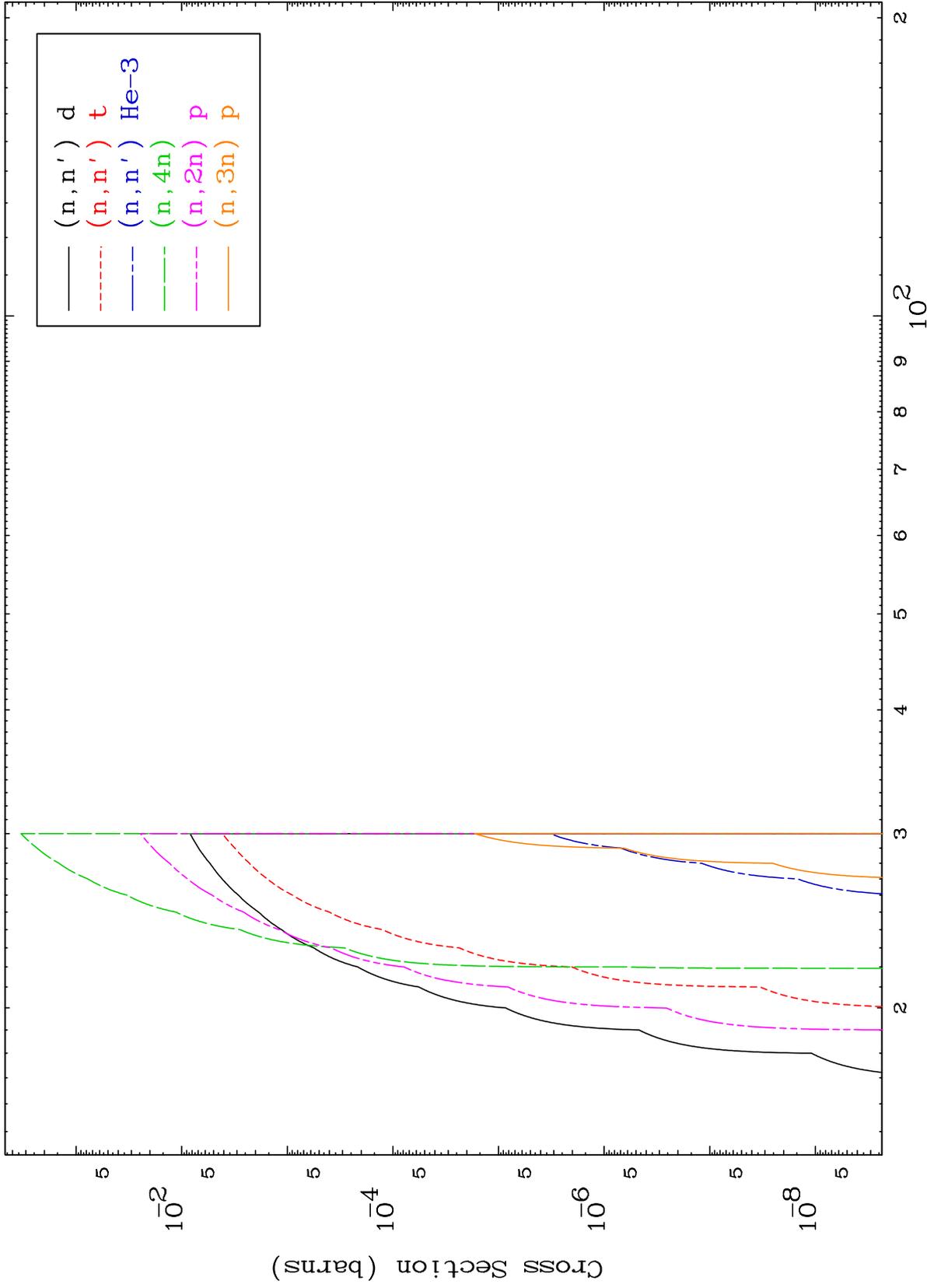
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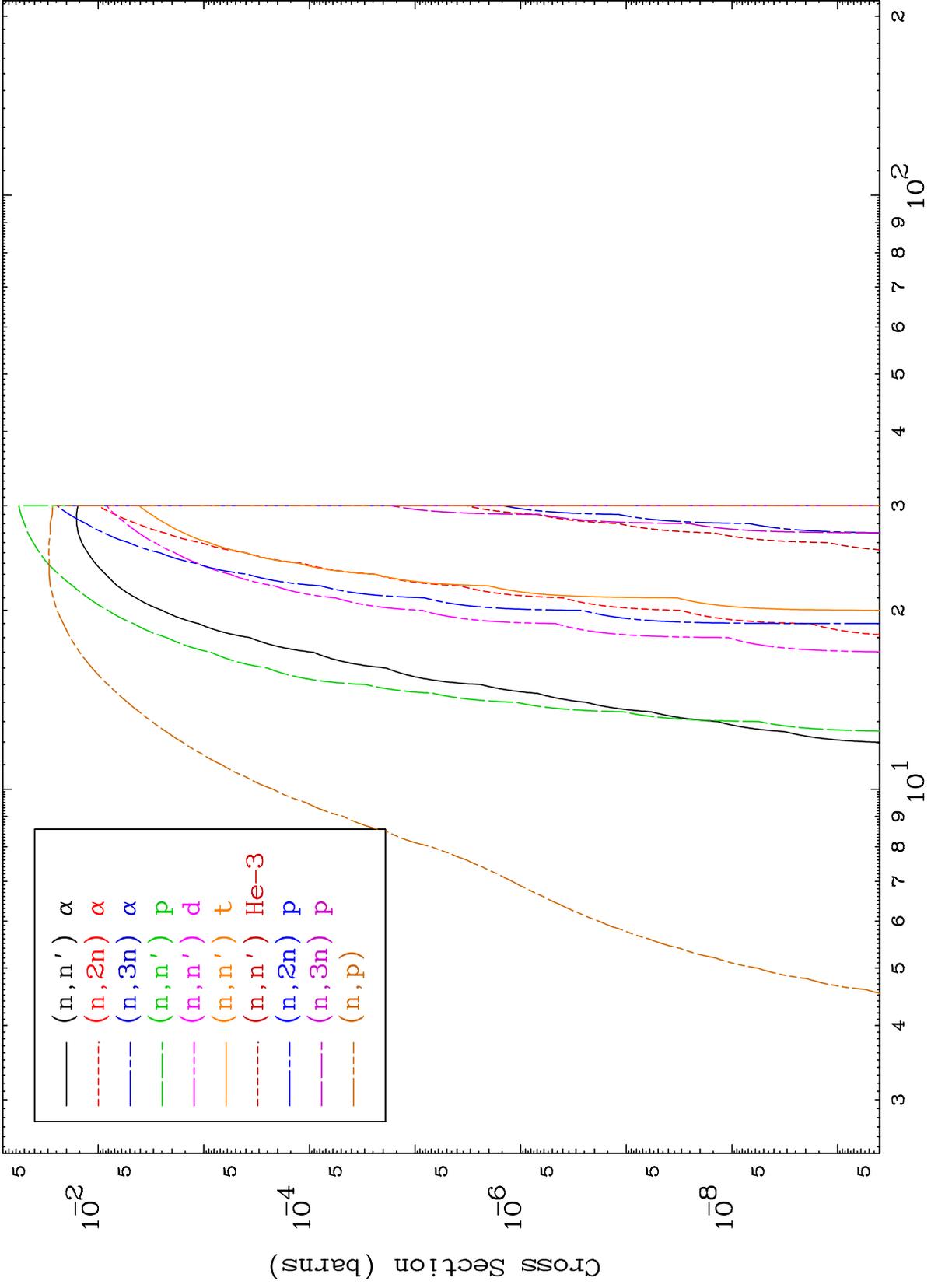


50-Sn-121

Incident Energy (MeV)

2

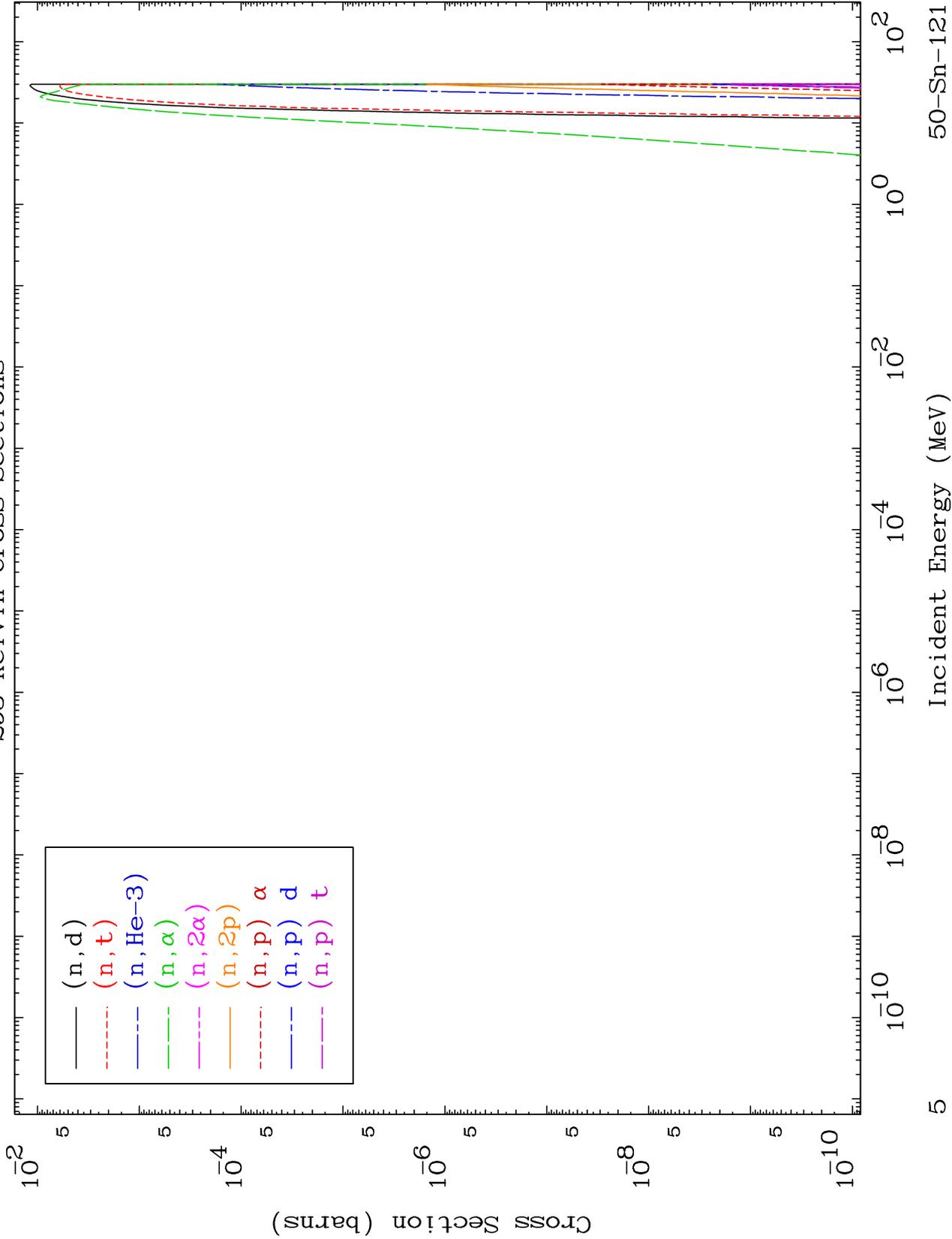




MAT 5053

Charged Particle  
293 Kelvin Cross Sections

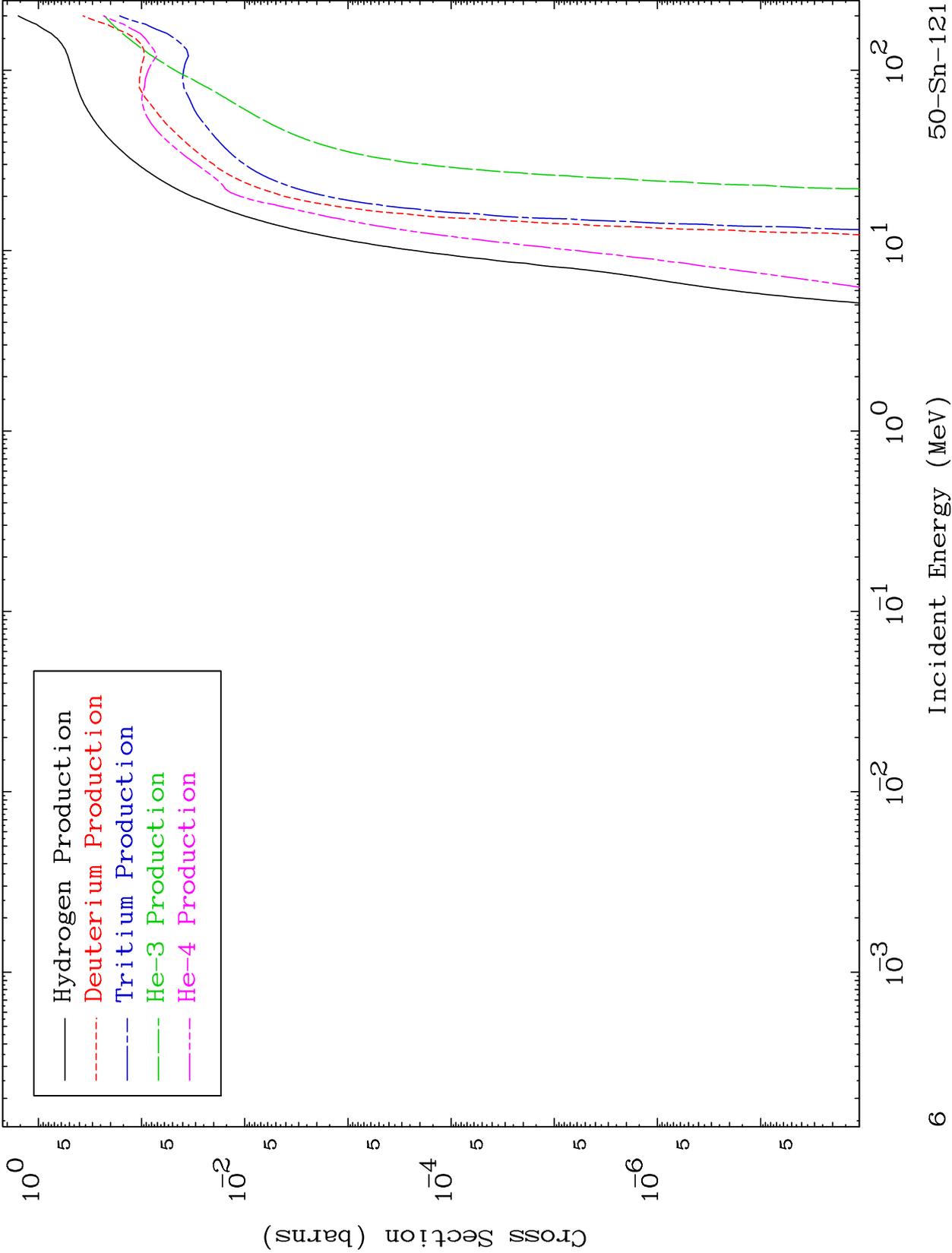
50-Sn-121



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Particle Production  
293 Kelvin Cross Sections

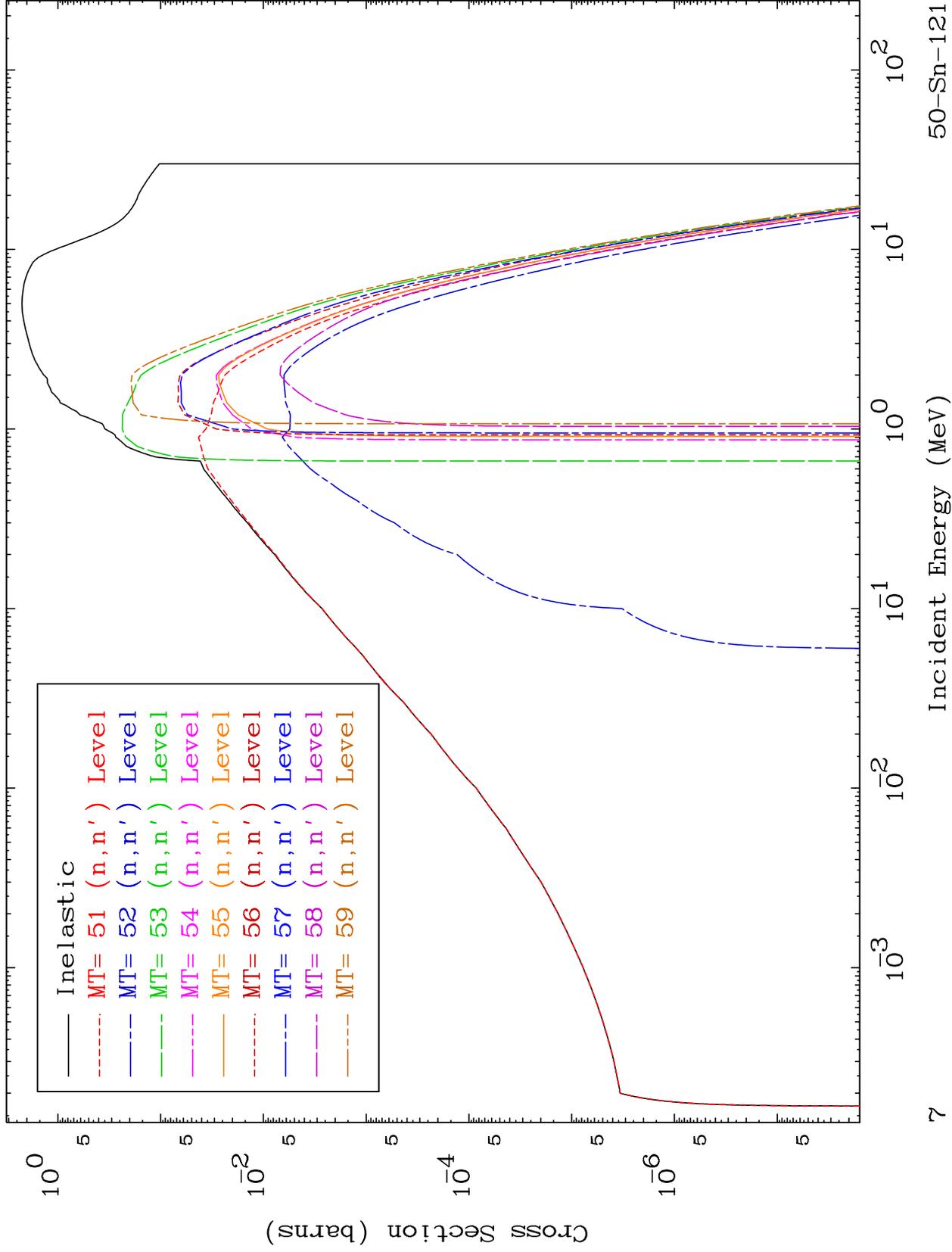
50-Sn-121



MAT 5053

50-Sn-121

(n,n') Level  
293 Kelvin Cross Sections

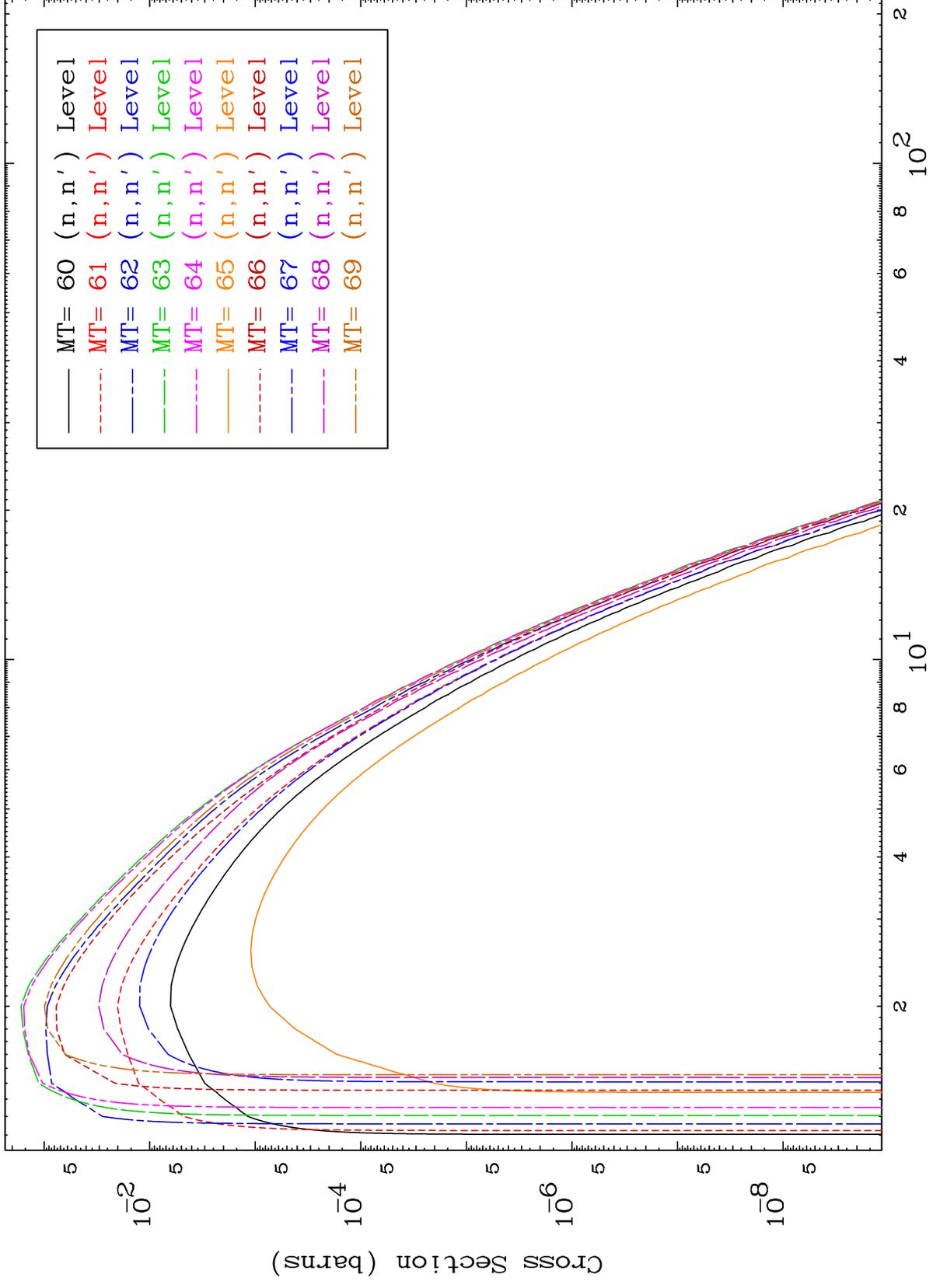


MAT 5053

(n,n') Level

50-Sn-121

293 Kelvin Cross Sections



8

Incident Energy (MeV)

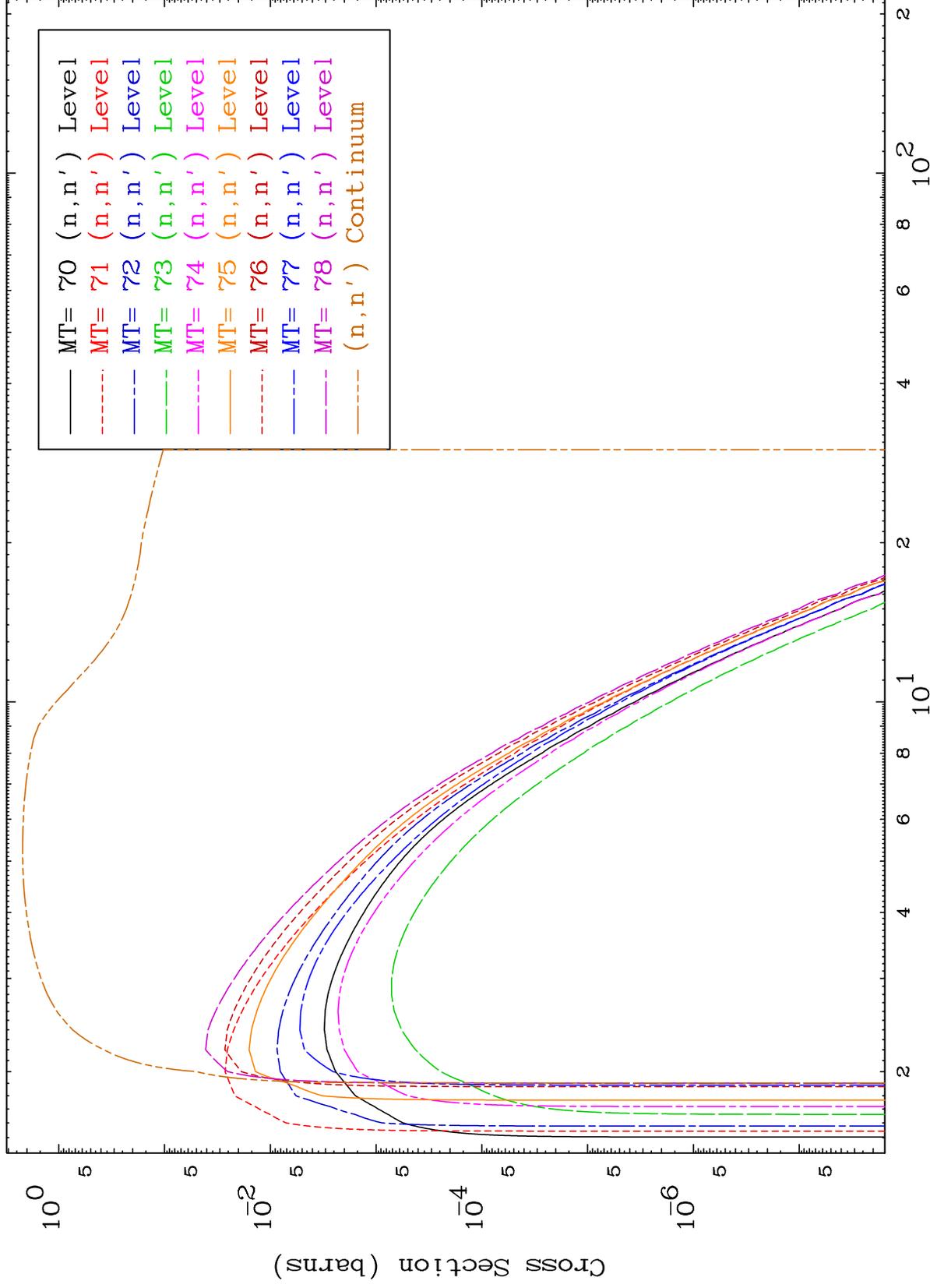
50-Sn-121

MAT 5053

(n,n') Level

50-Sn-121

293 Kelvin Cross Sections



9

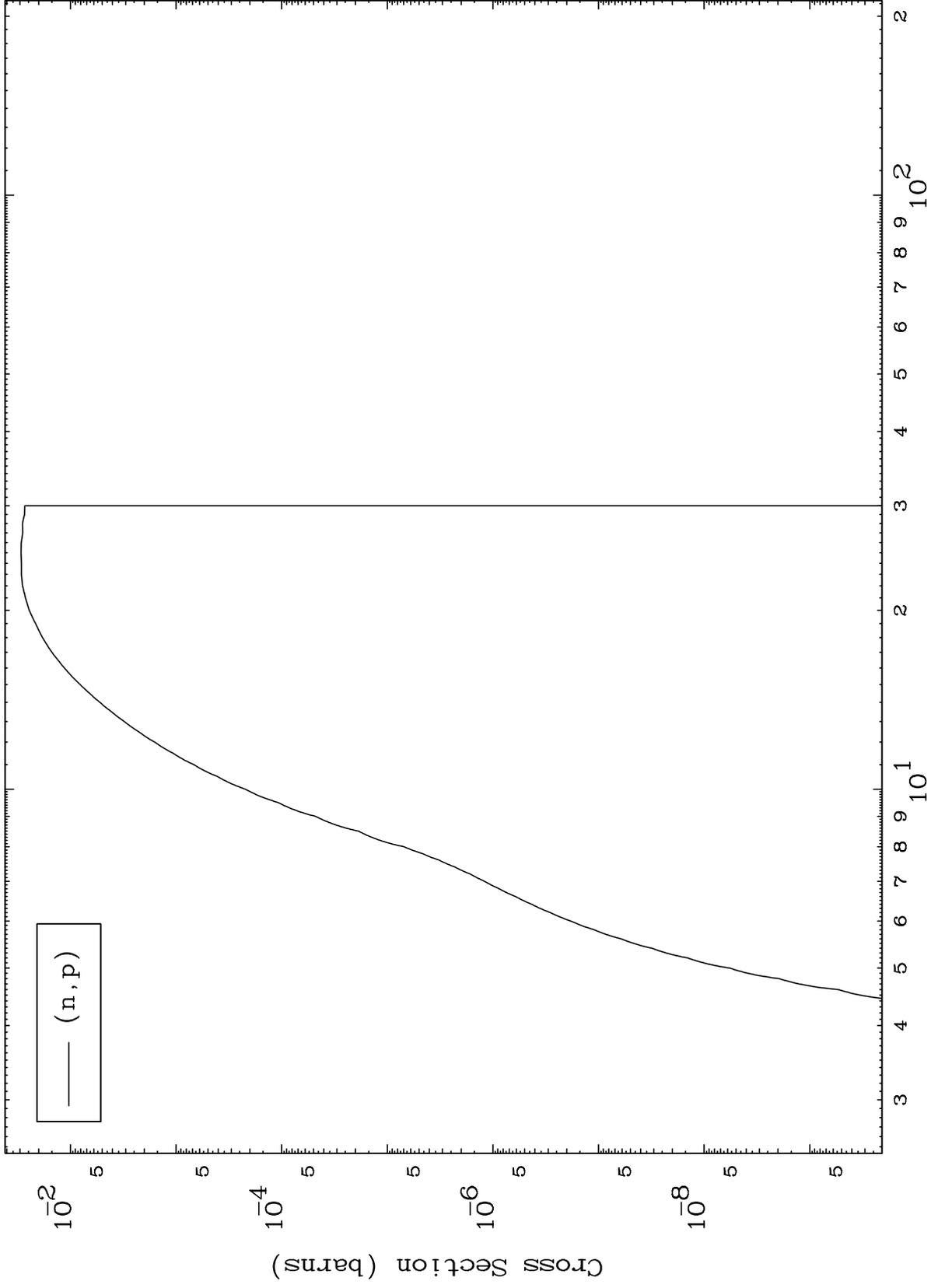
Incident Energy (MeV)

50-Sn-121

MAT 5053

(n,p) Levels  
293 Kelvin Cross Sections

50-Sn-121



10

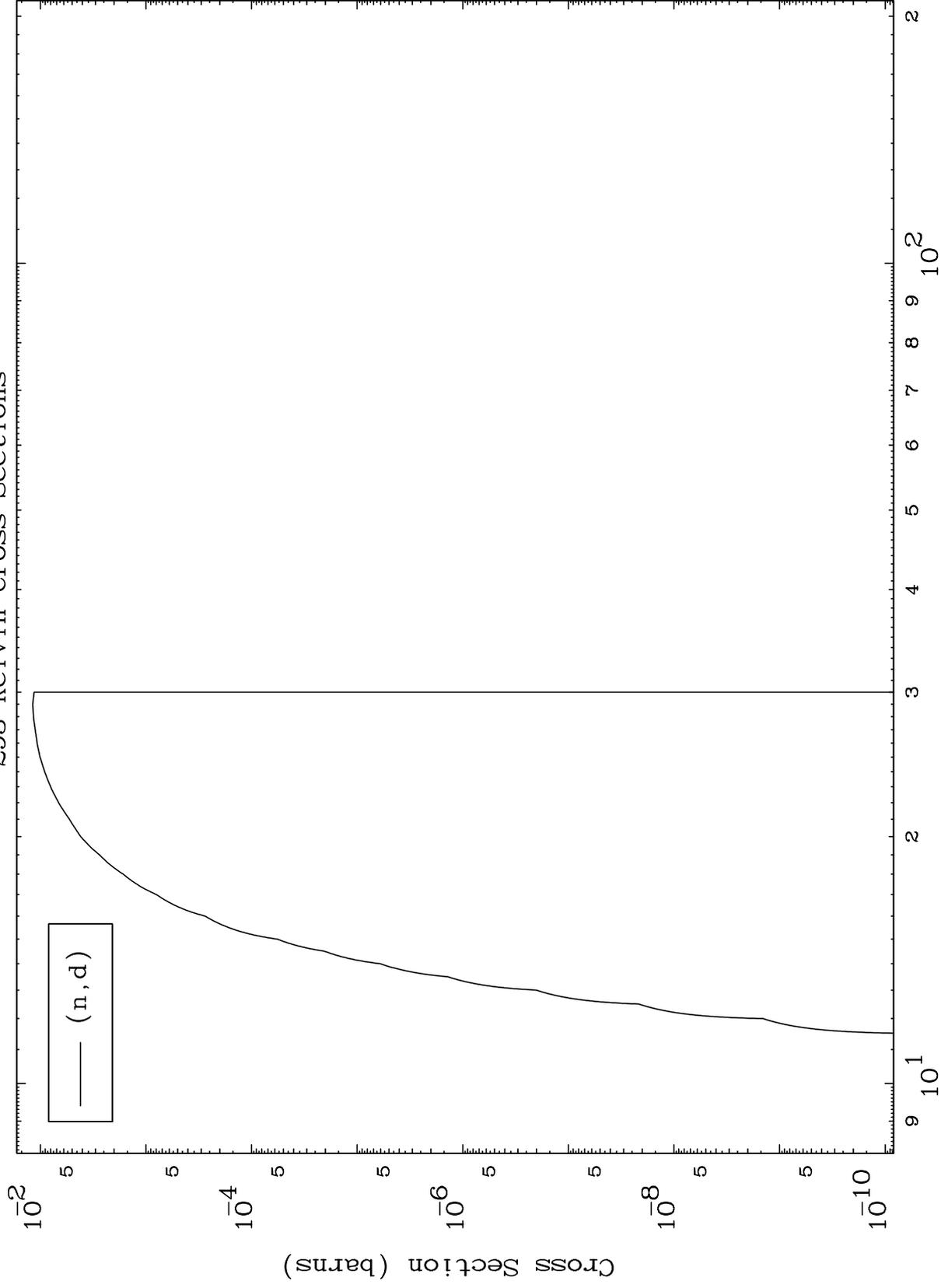
Incident Energy (MeV)

50-Sn-121

MAT 5053

(n,d) Levels  
293 Kelvin Cross Sections

50-Sn-121



11

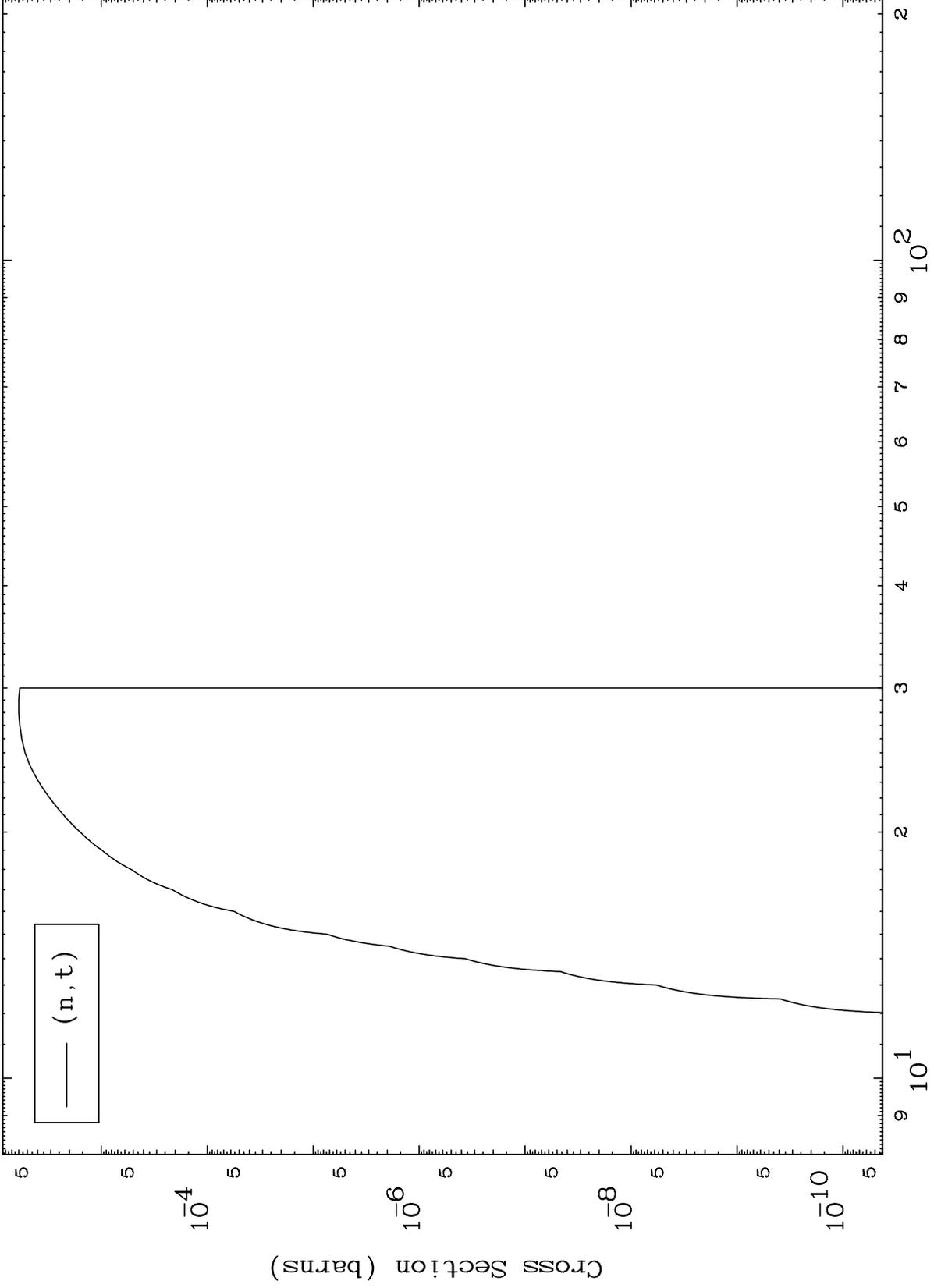
Incident Energy (MeV)

50-Sn-121

MAT 5053

(n,t) Levels  
293 Kelvin Cross Sections

50-Sn-121



12

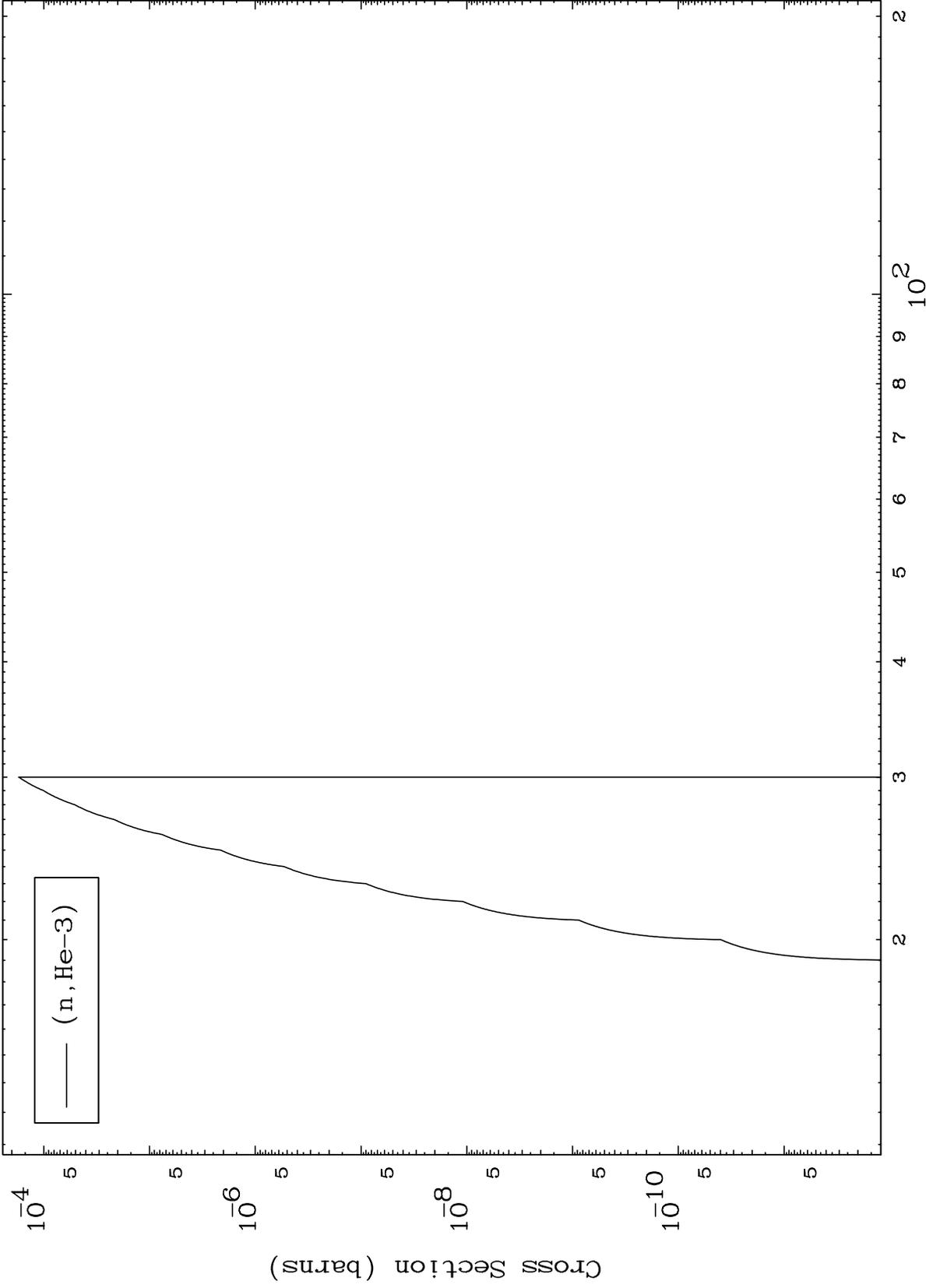
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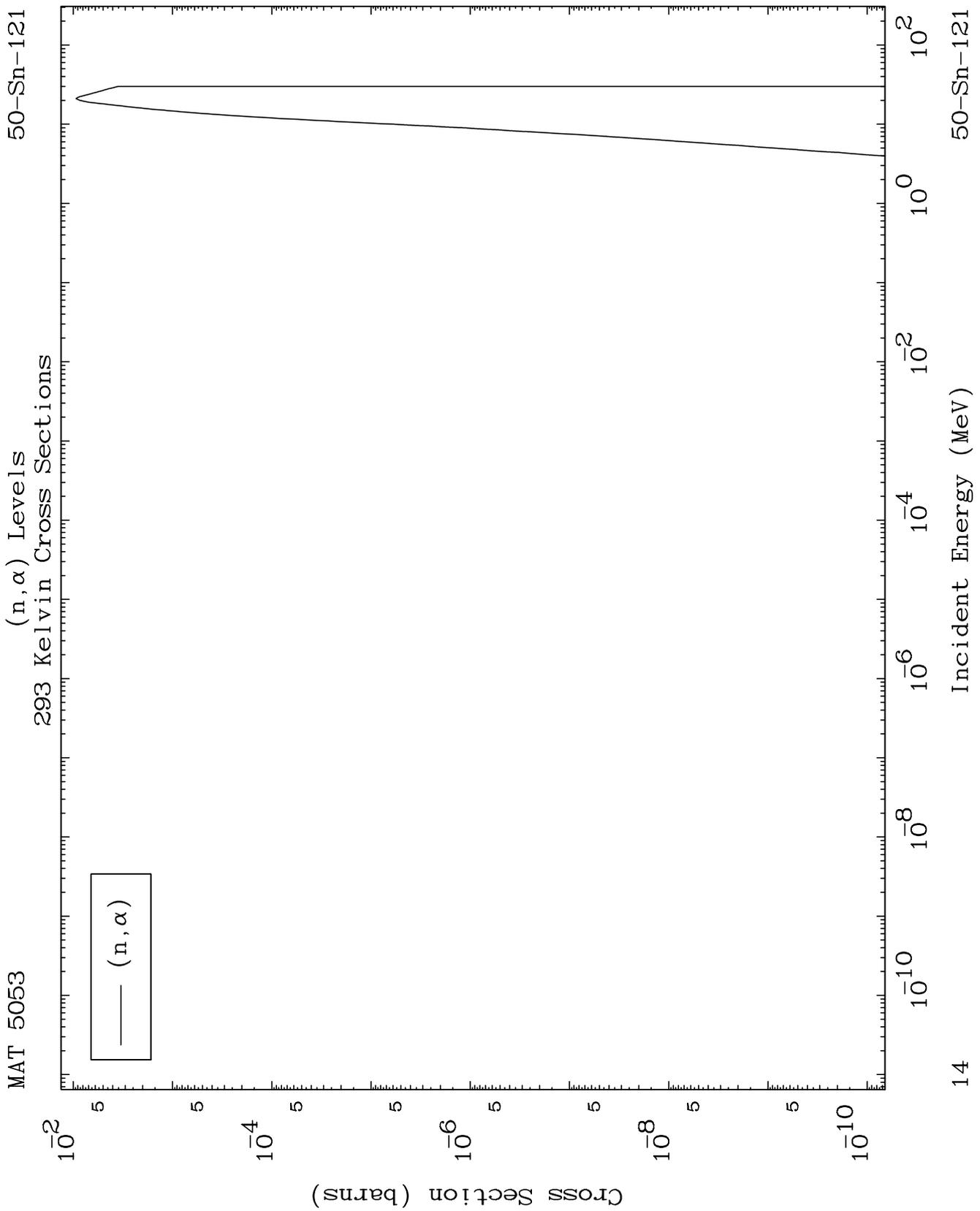
50-Sn-121

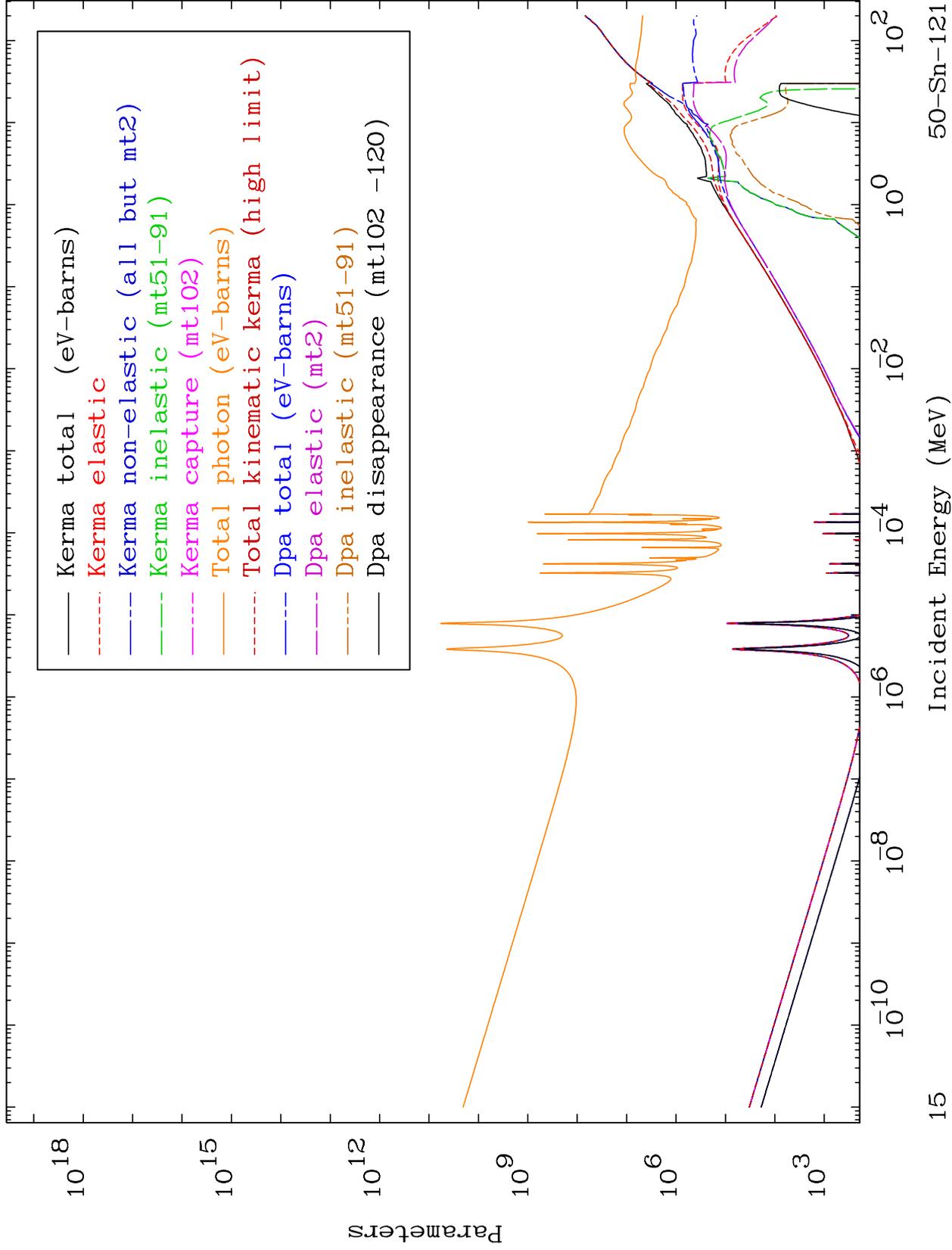
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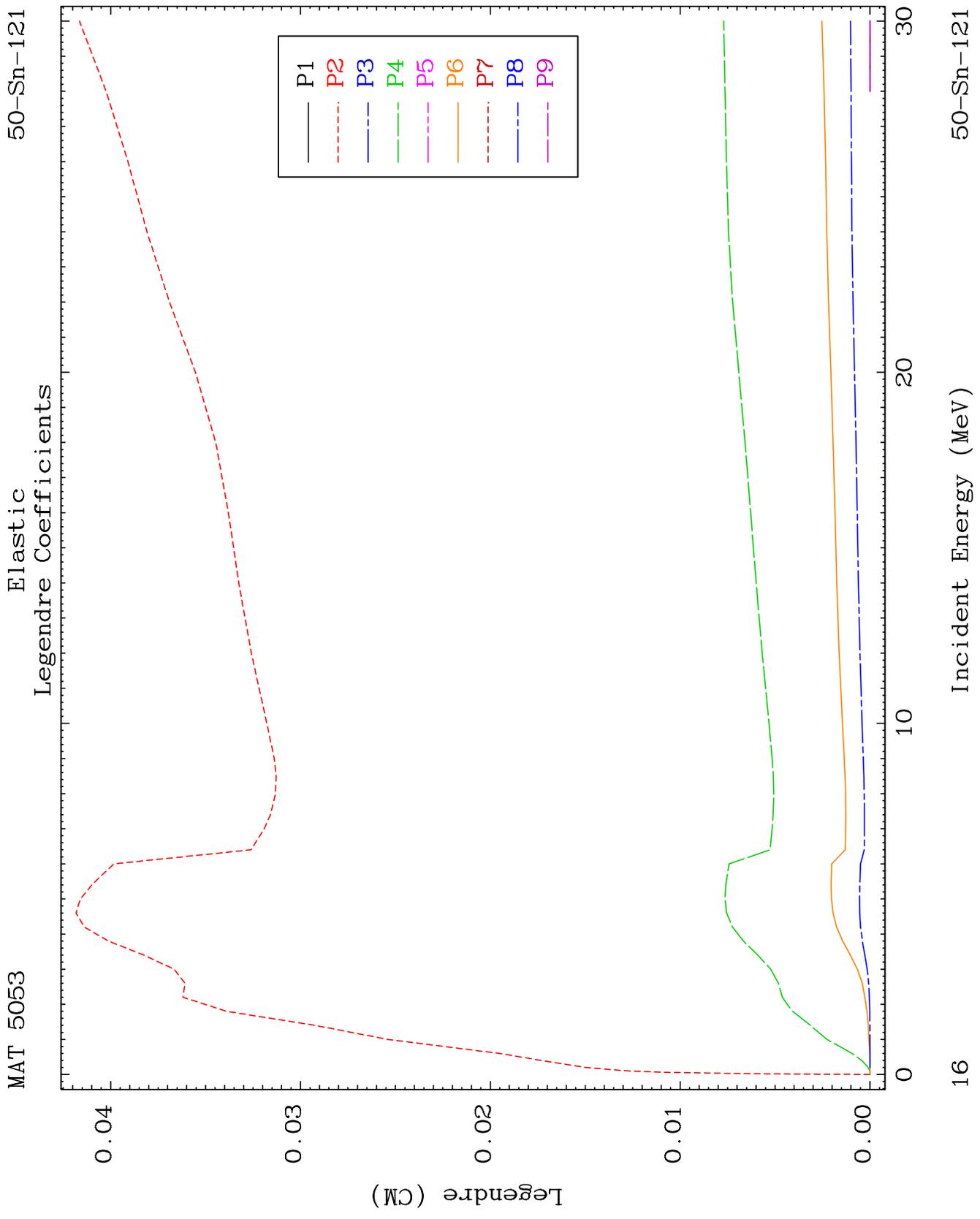
(n,He3) Levels  
293 Kelvin Cross Sections

50-Sn-121





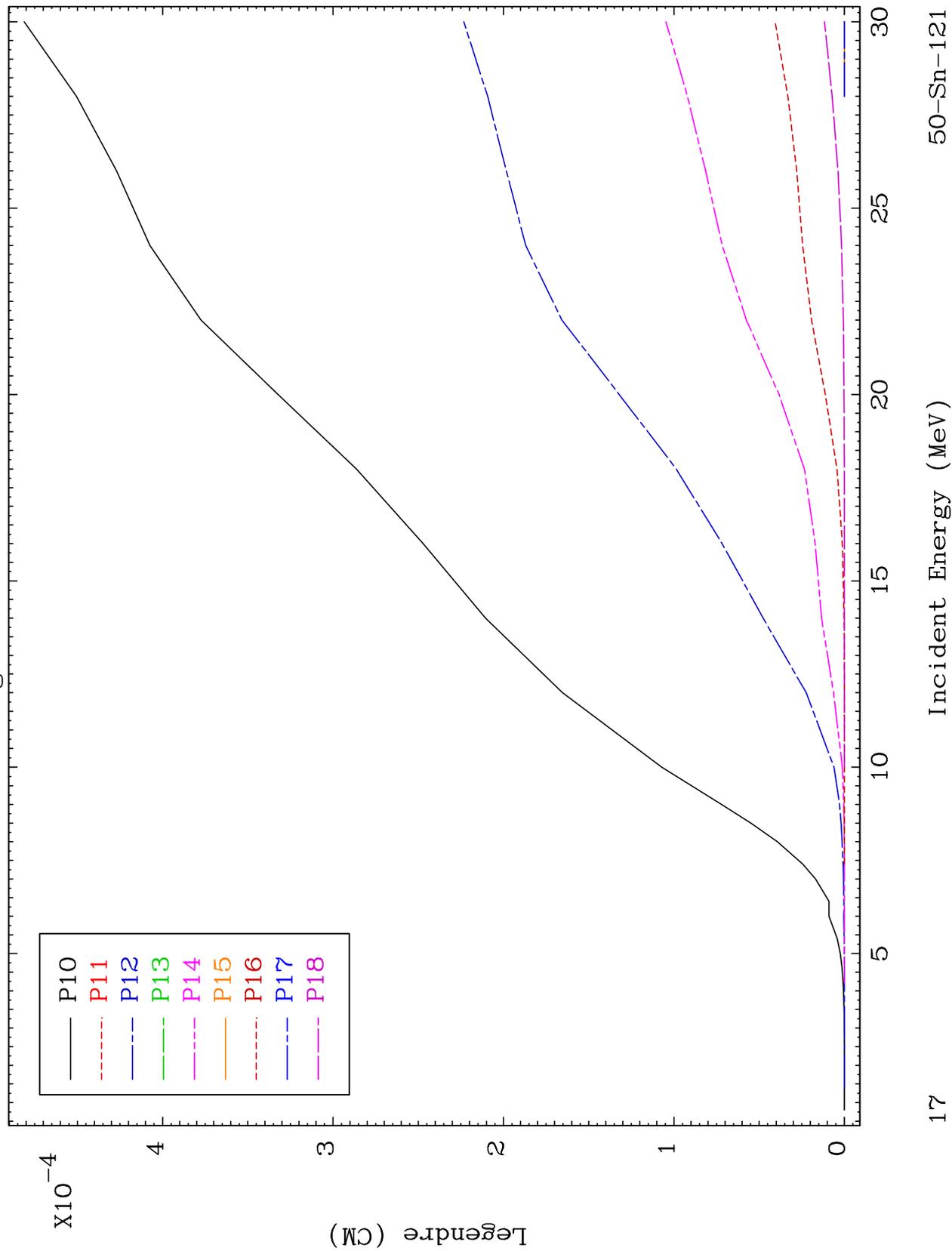




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Elastic Legendre Coefficients

50-Sn-121



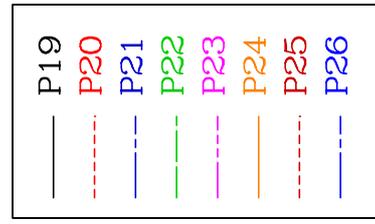
17

50-Sn-121

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Elastic Legendre Coefficients

50-Sn-121



$\times 10^{-7}$

Legendre (CM)

4

2

0

15

20

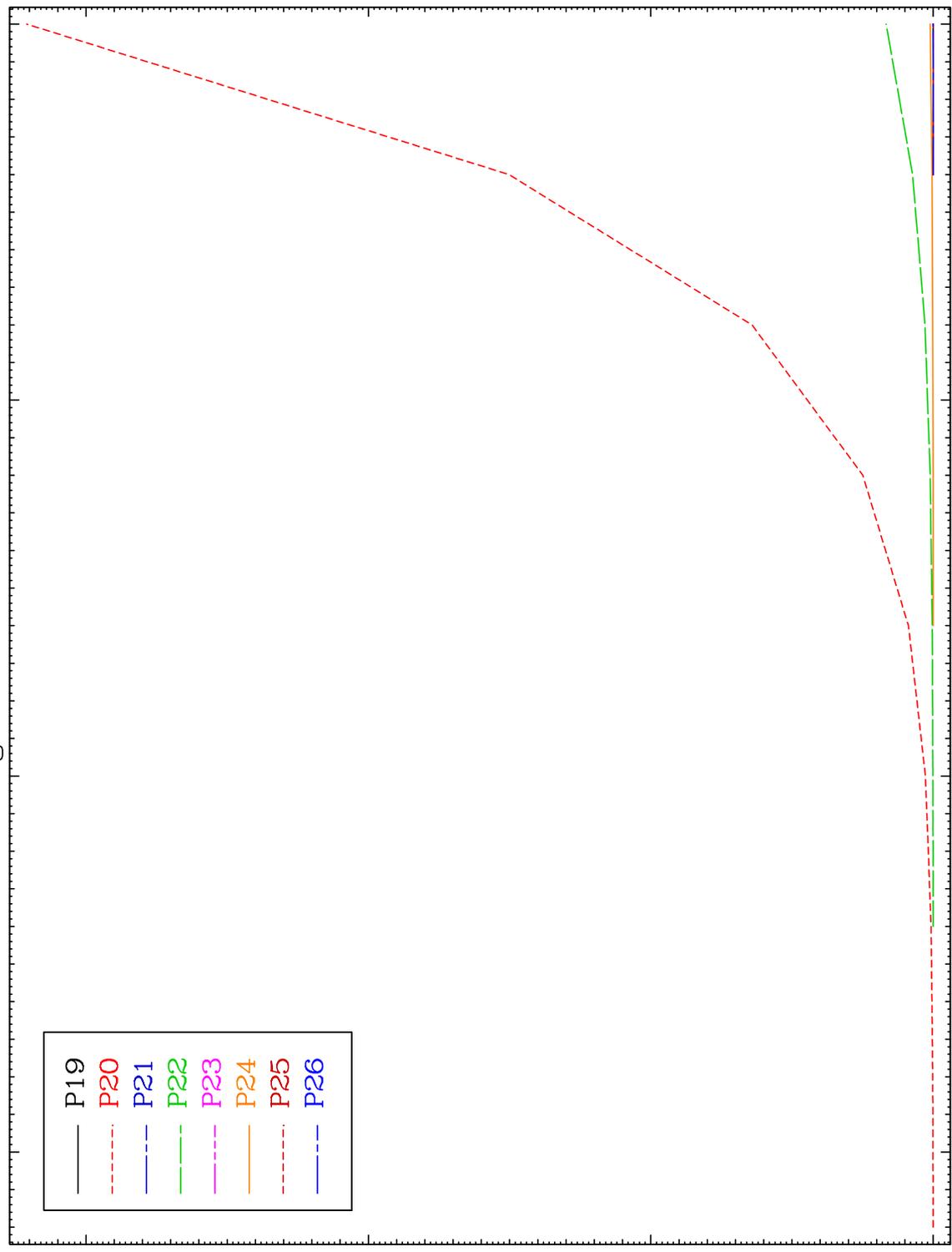
25

30

18

Incident Energy (MeV)

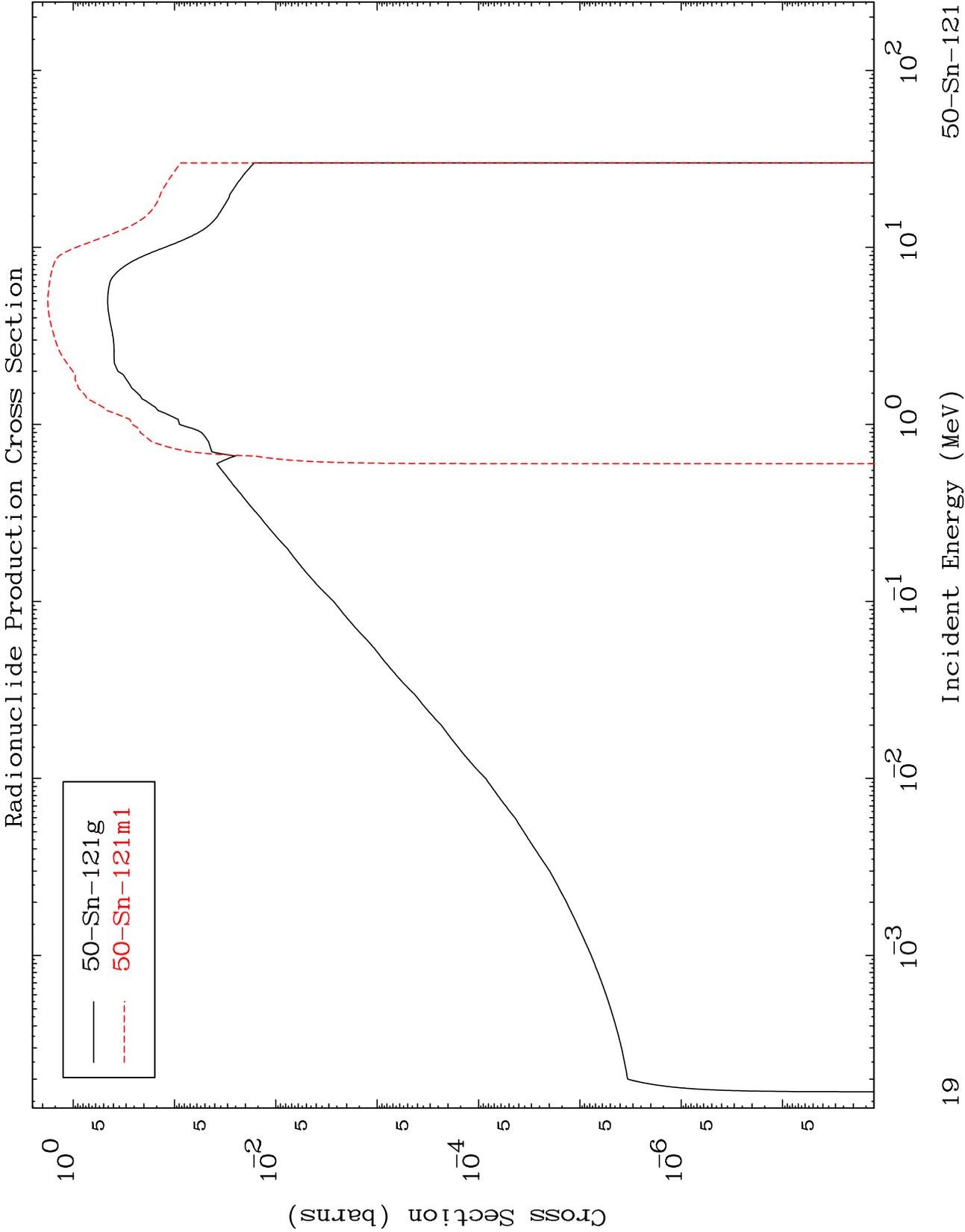
50-Sn-121



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50-Sn-121

Inelastic  
Radionuclide Production Cross Section

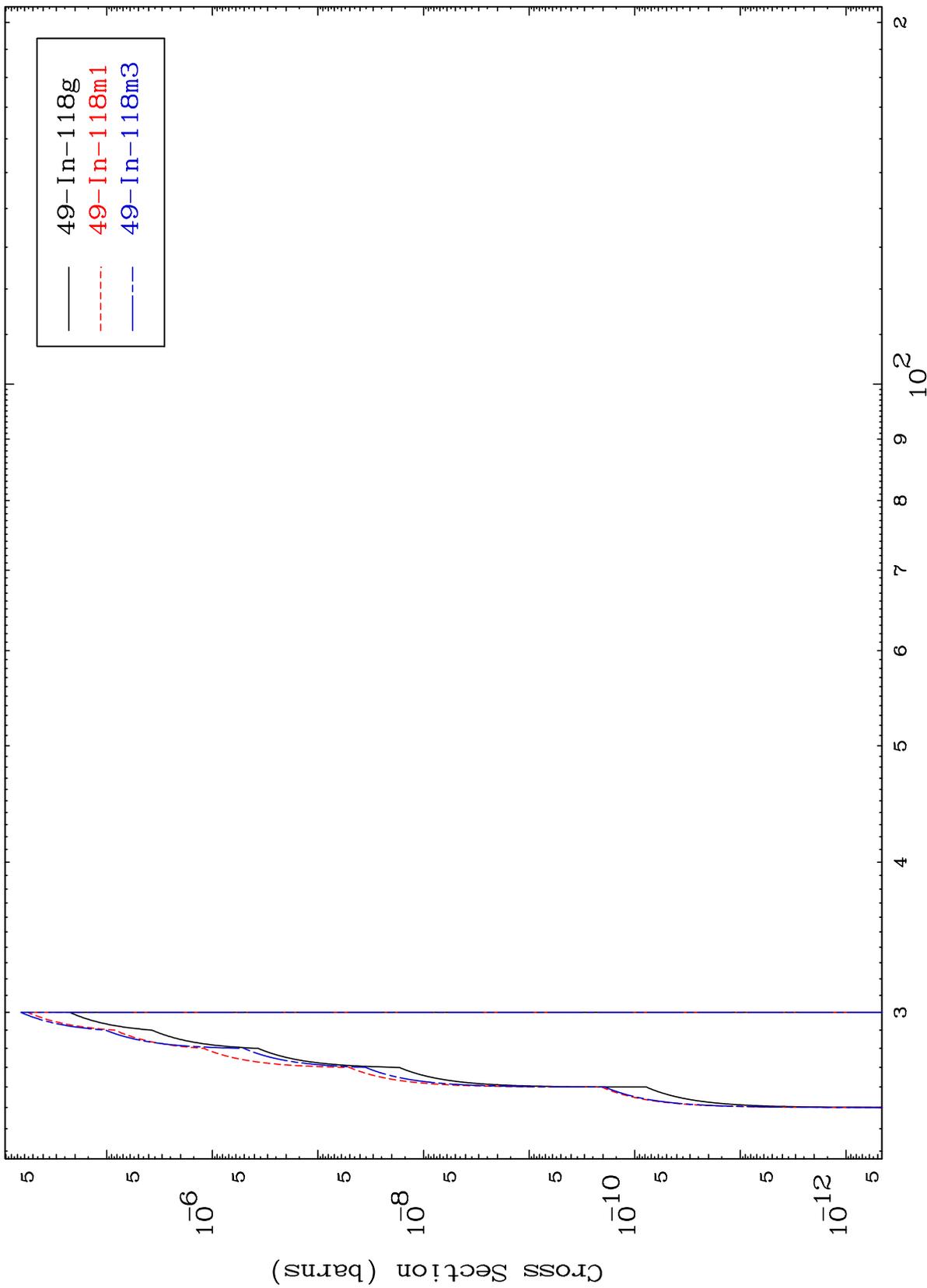


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(n,2n) d

50-Sn-121

Radionuclide Production Cross Section



20

Incident Energy (MeV)

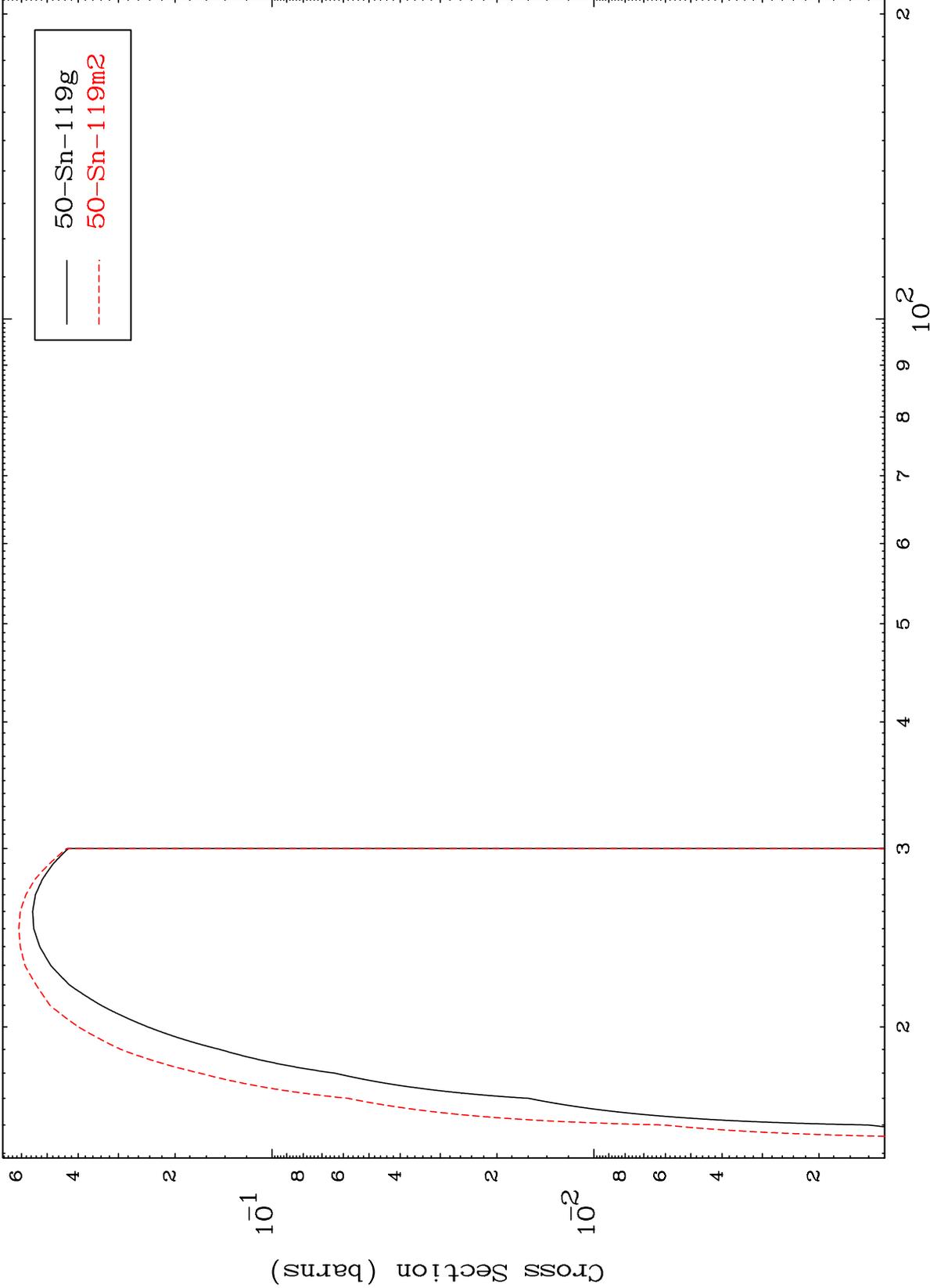
50-Sn-121

MAT 5053

(n,3n)

50-Sn-121

Radionuclide Production Cross Section



50-Sn-119g  
50-Sn-119m2

21

Incident Energy (MeV)

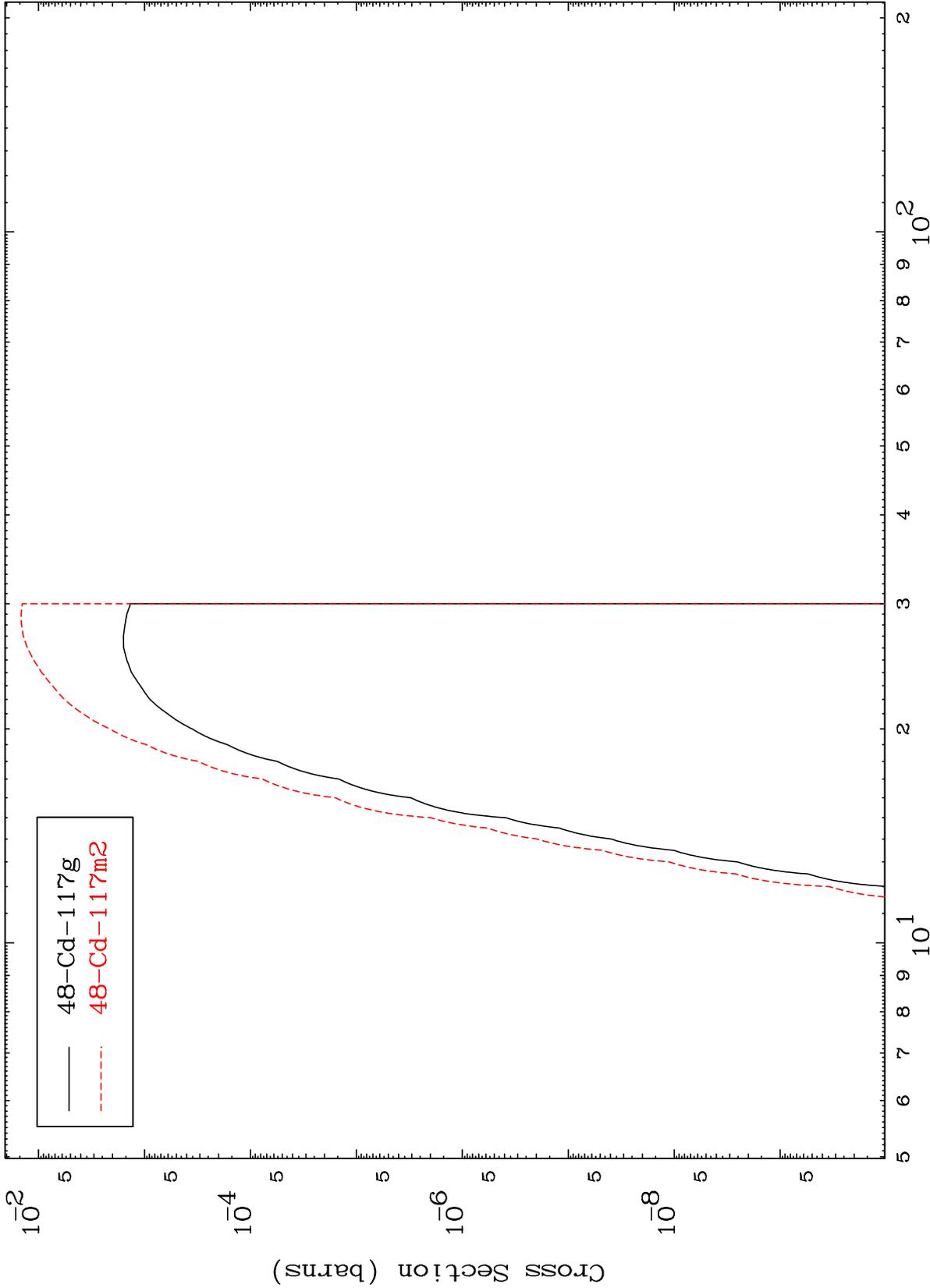
50-Sn-121

MAT 5053

$(n, n') \alpha$

50-Sn-121

Radionuclide Production Cross Section

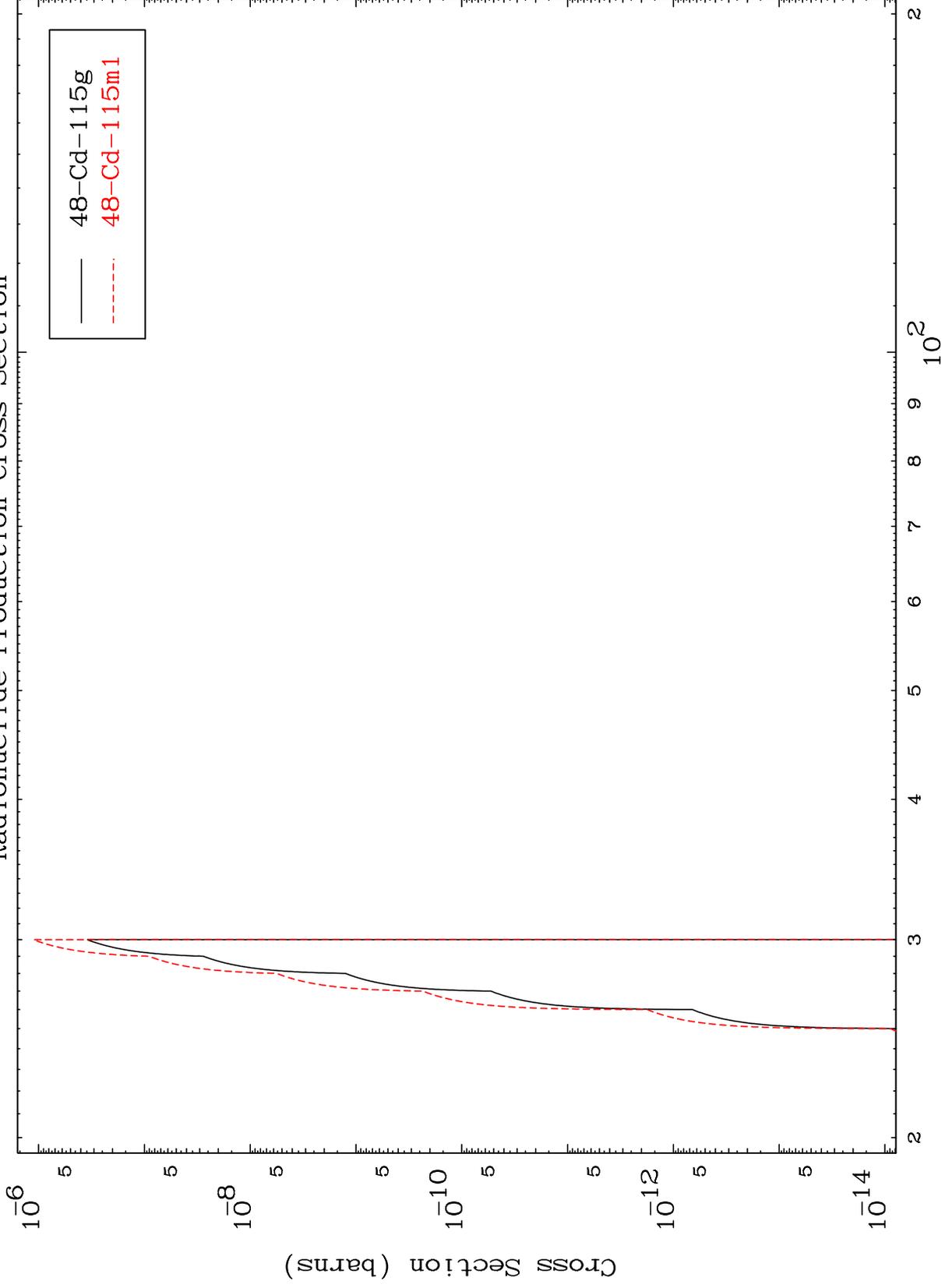


MAT 5053

(n,3n)  $\alpha$

50-Sn-121

Radionuclide Production Cross Section

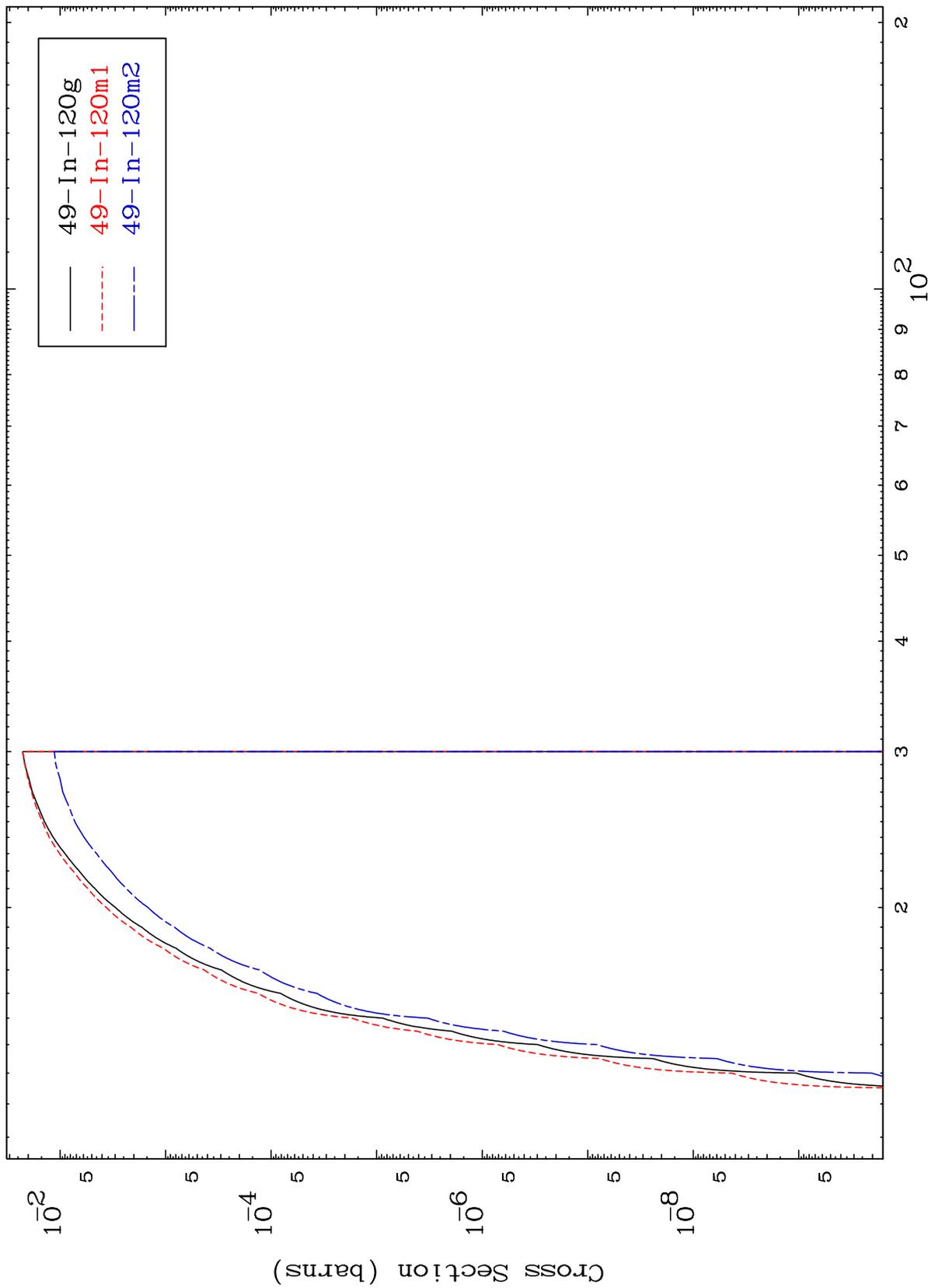


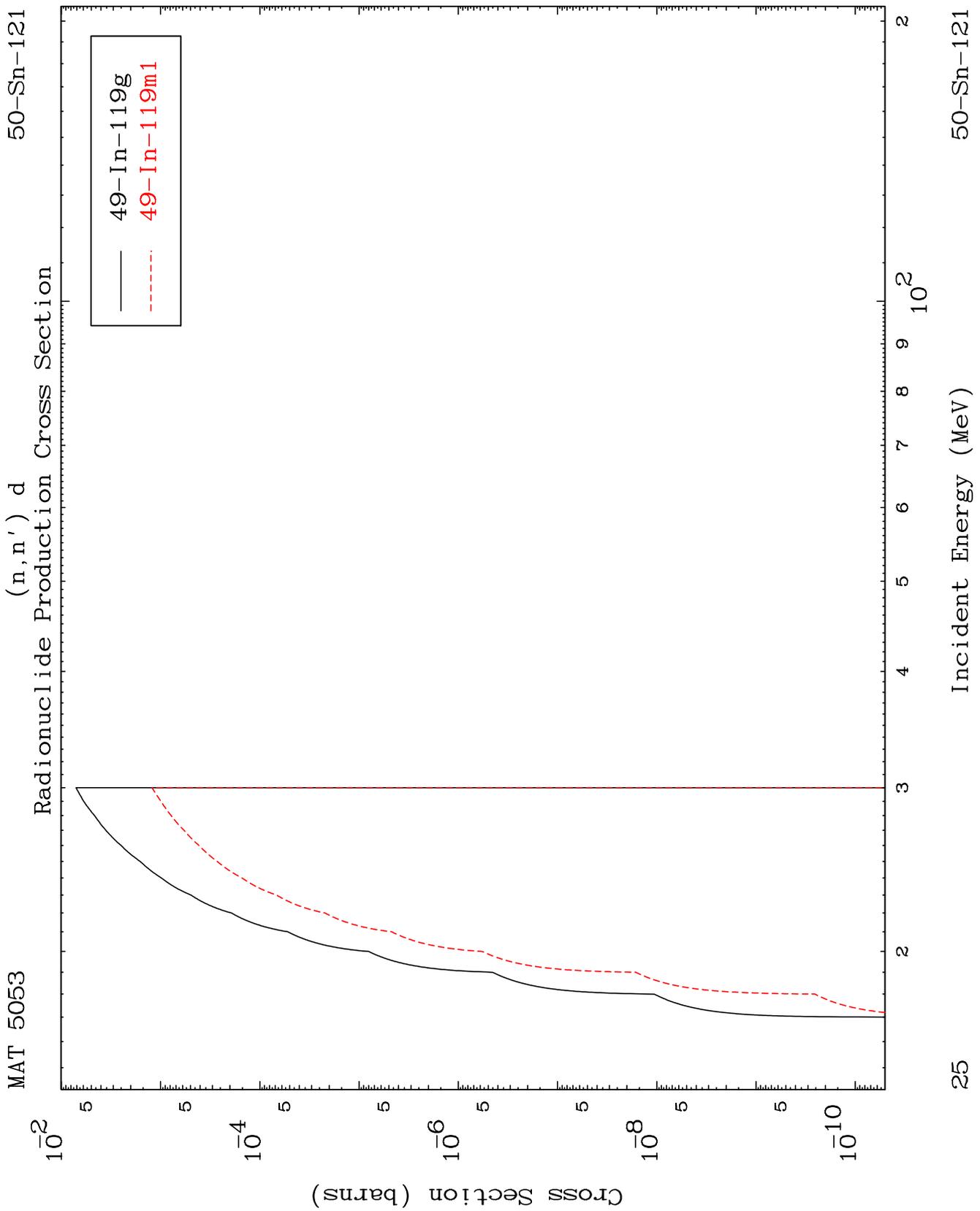
23

Incident Energy (MeV)

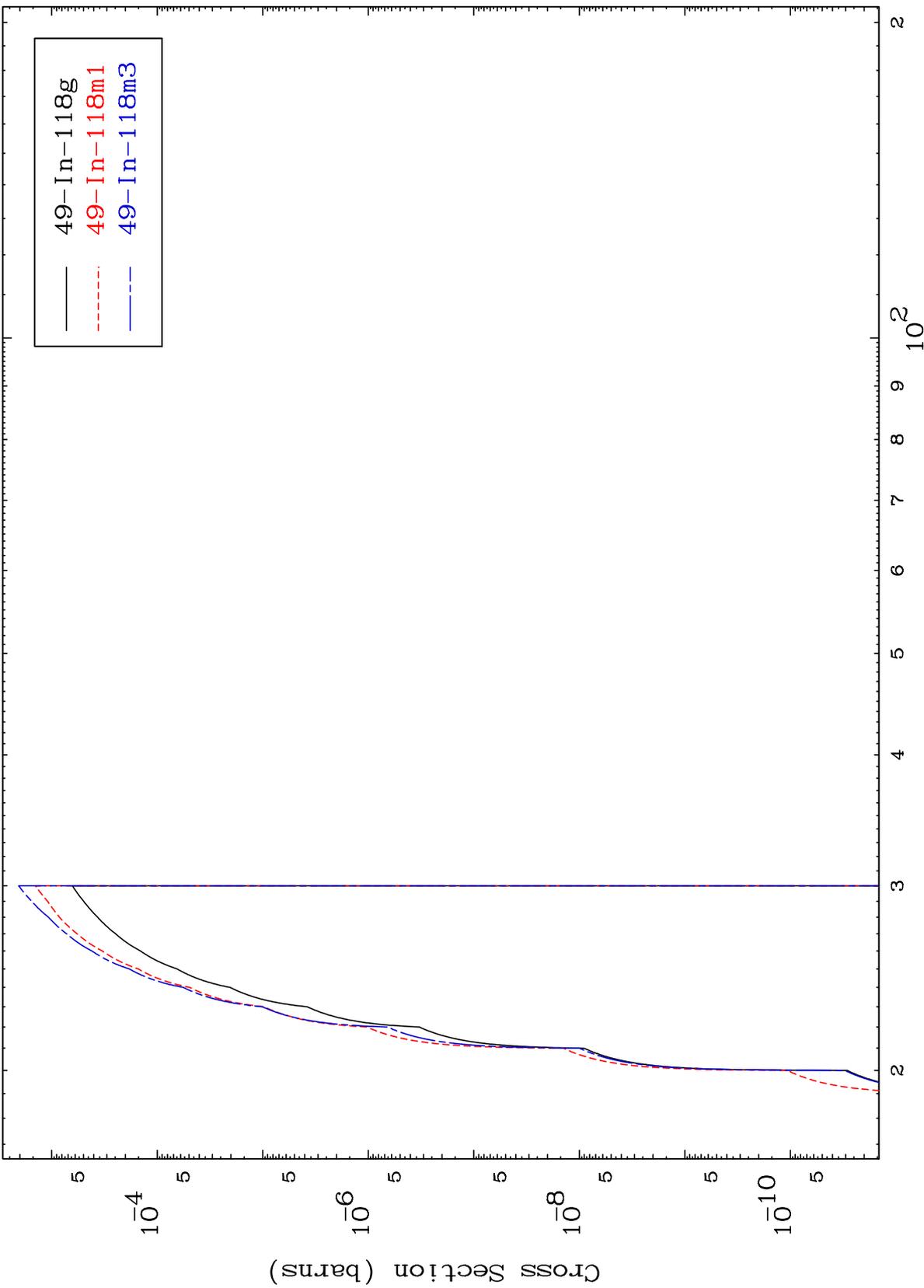
50-Sn-121

Radionuclide Production Cross Section

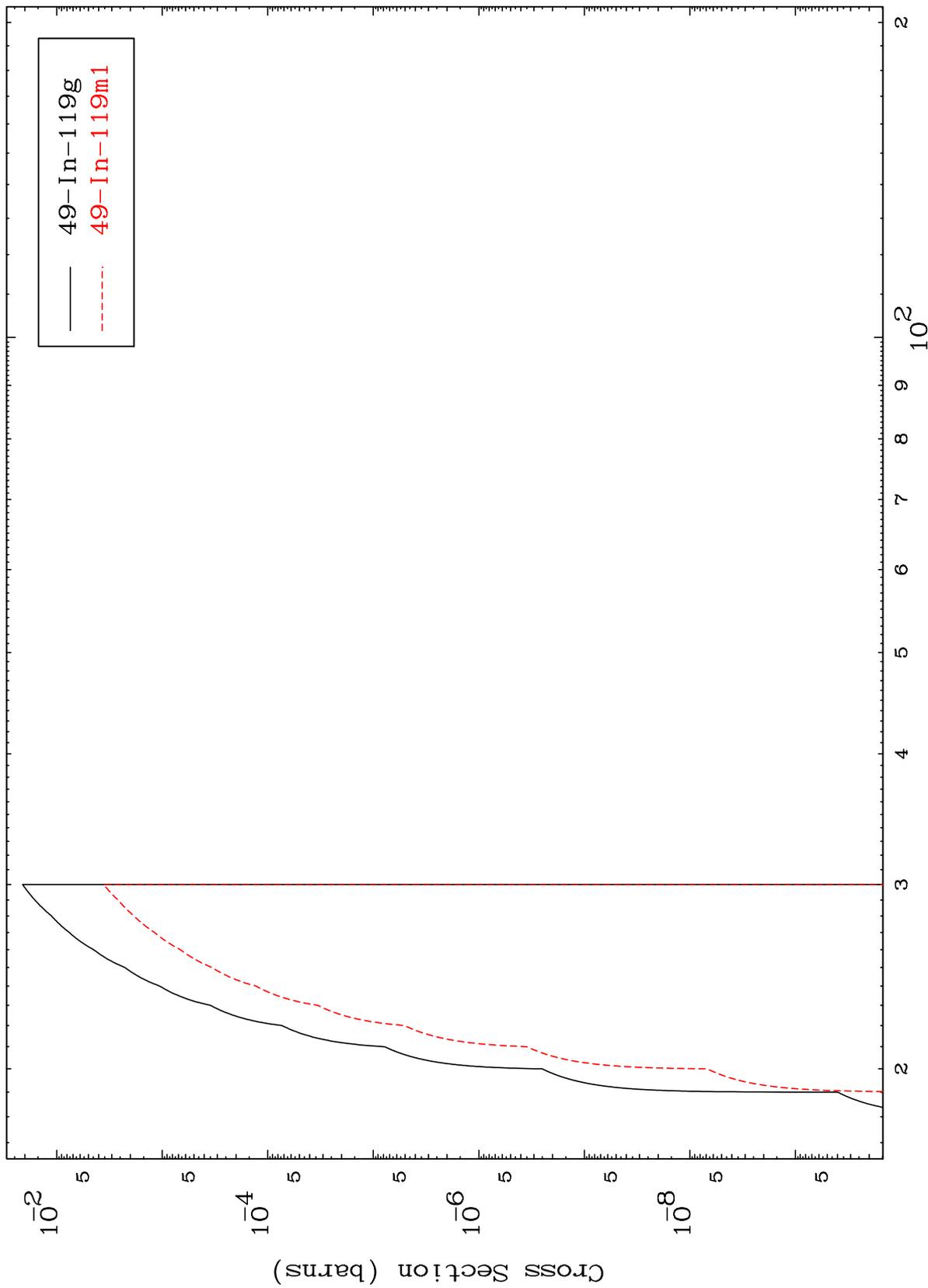




Radionuclide Production Cross Section



Radionuclide Production Cross Section

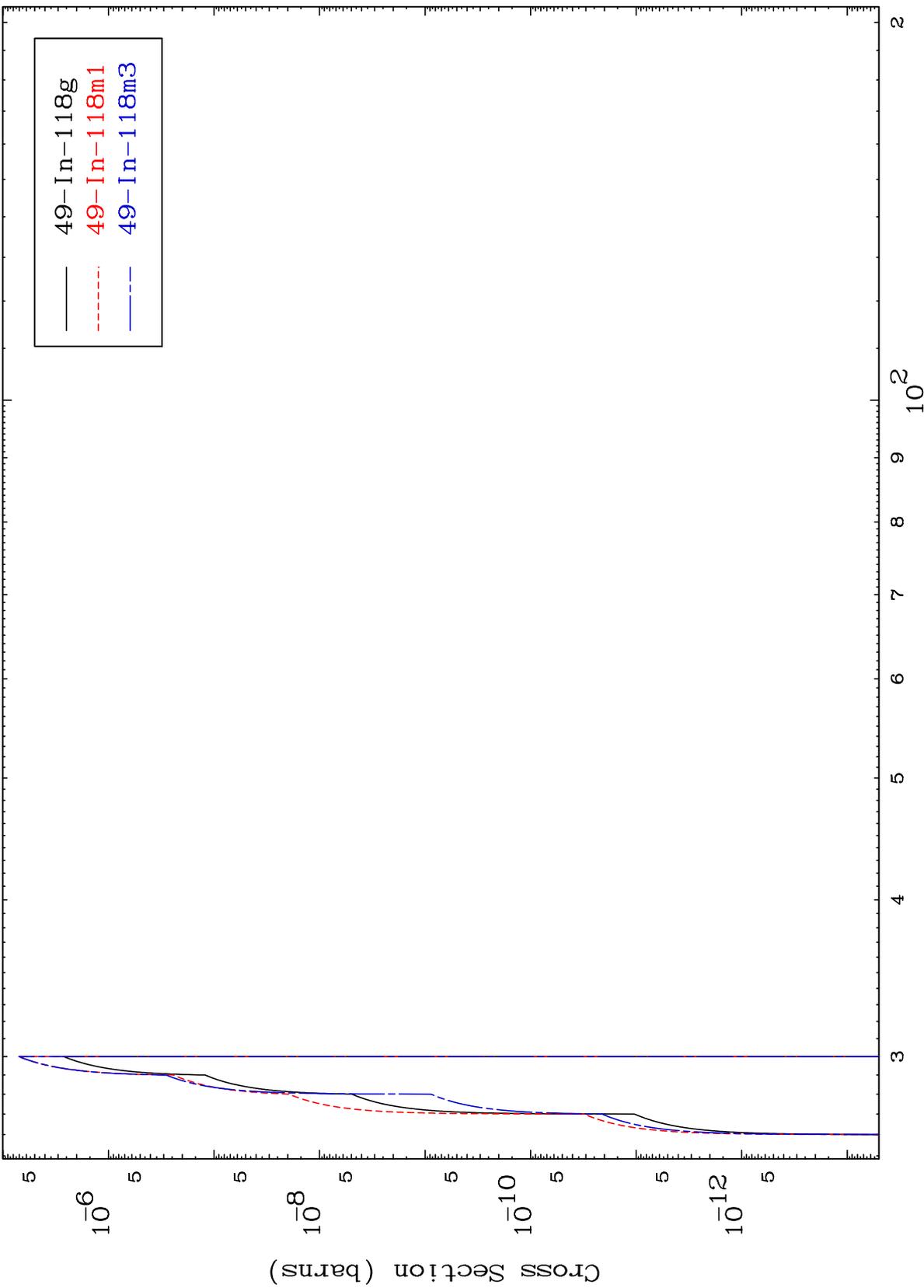


MAT 5053

(n,3n) p

50-Sn-121

Radionuclide Production Cross Section



28

Incident Energy (MeV)

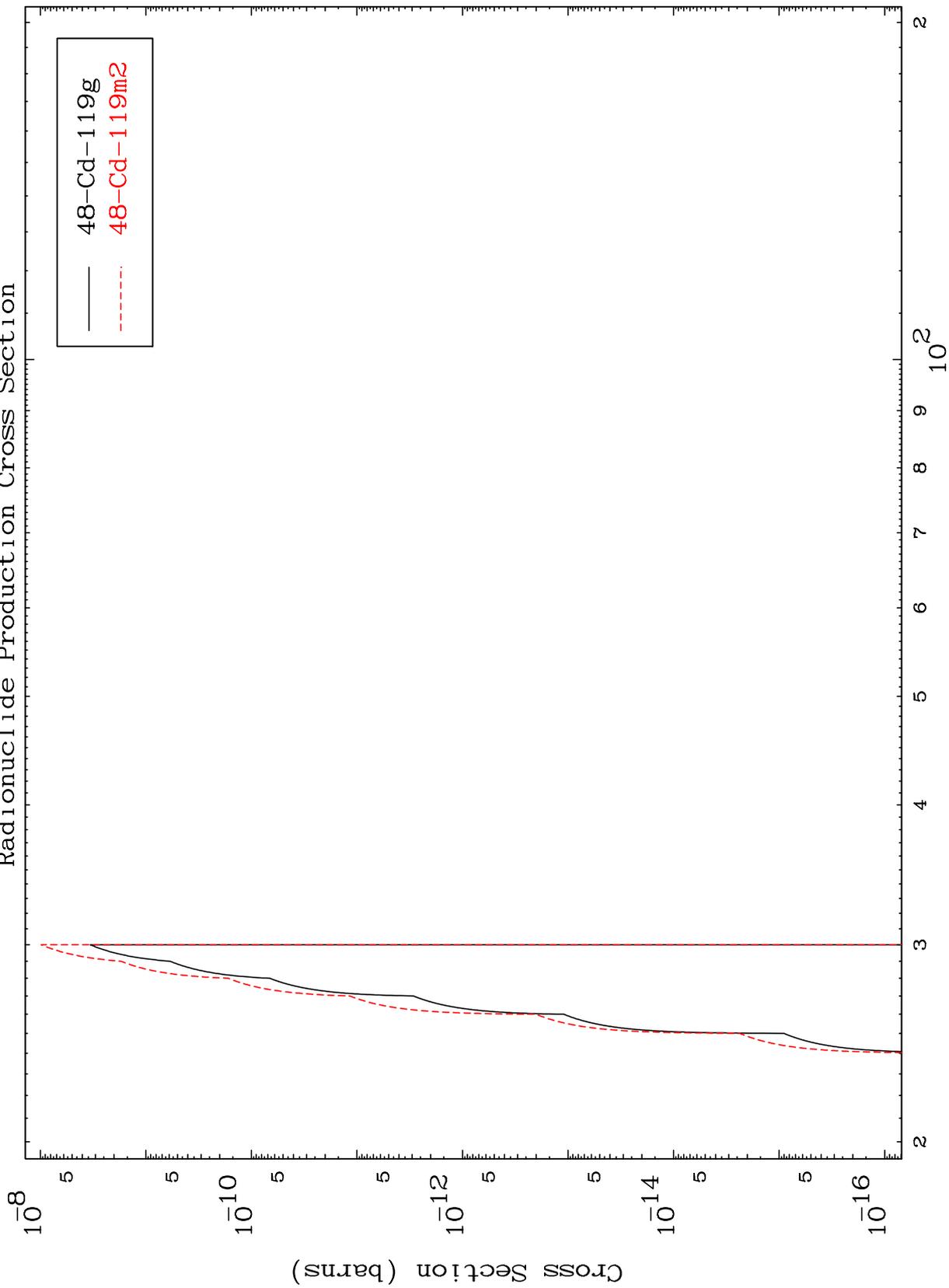
50-Sn-121

MAT 5053

(n,2n) p

50-Sn-121

Radionuclide Production Cross Section



29

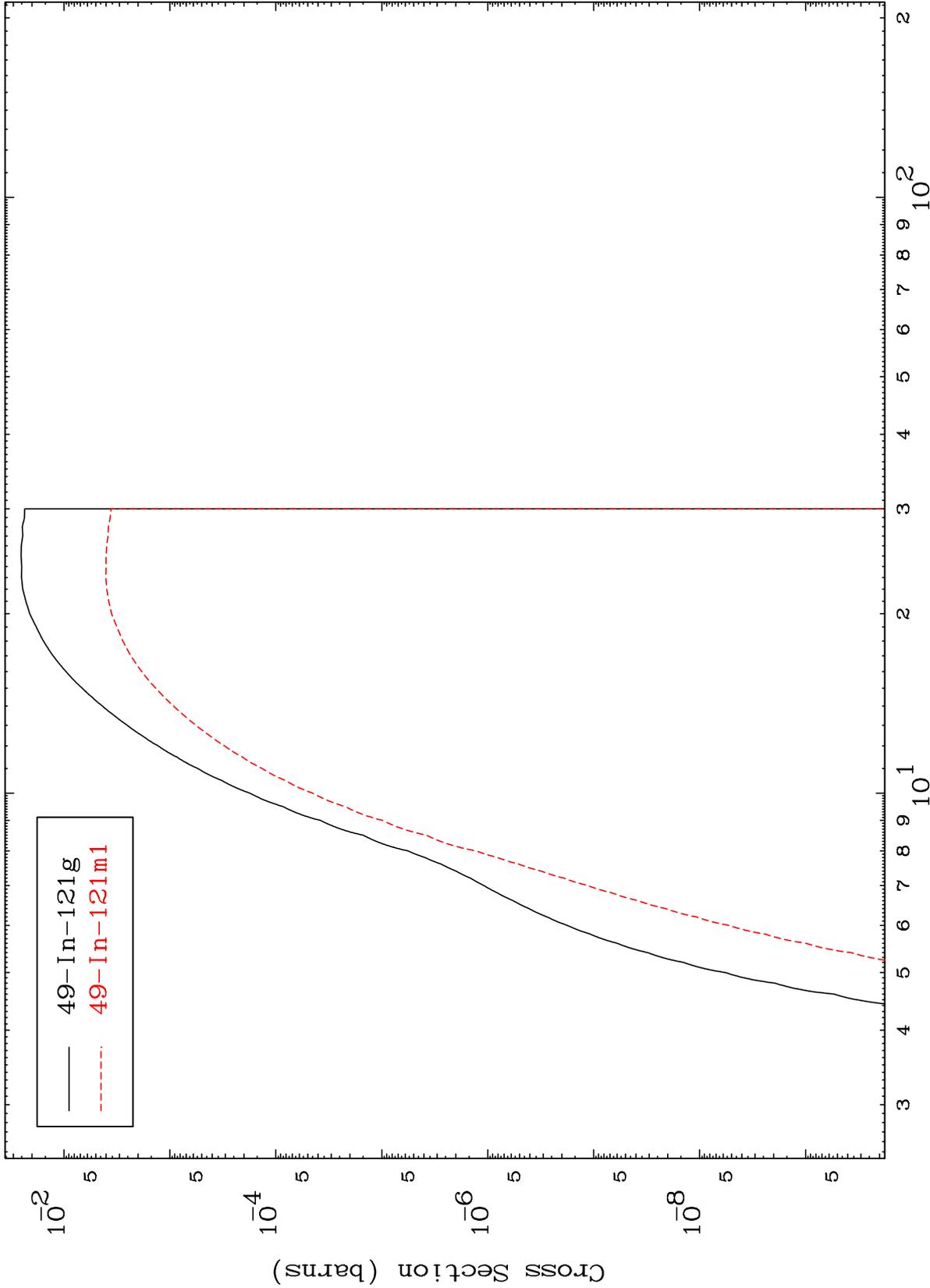
Incident Energy (MeV)

50-Sn-121

MAT 5053

50-Sn-121

(n,p)  
Radionuclide Production Cross Section



— 49-In-121g  
- - - 49-In-121m1

50-Sn-121

Incident Energy (MeV)

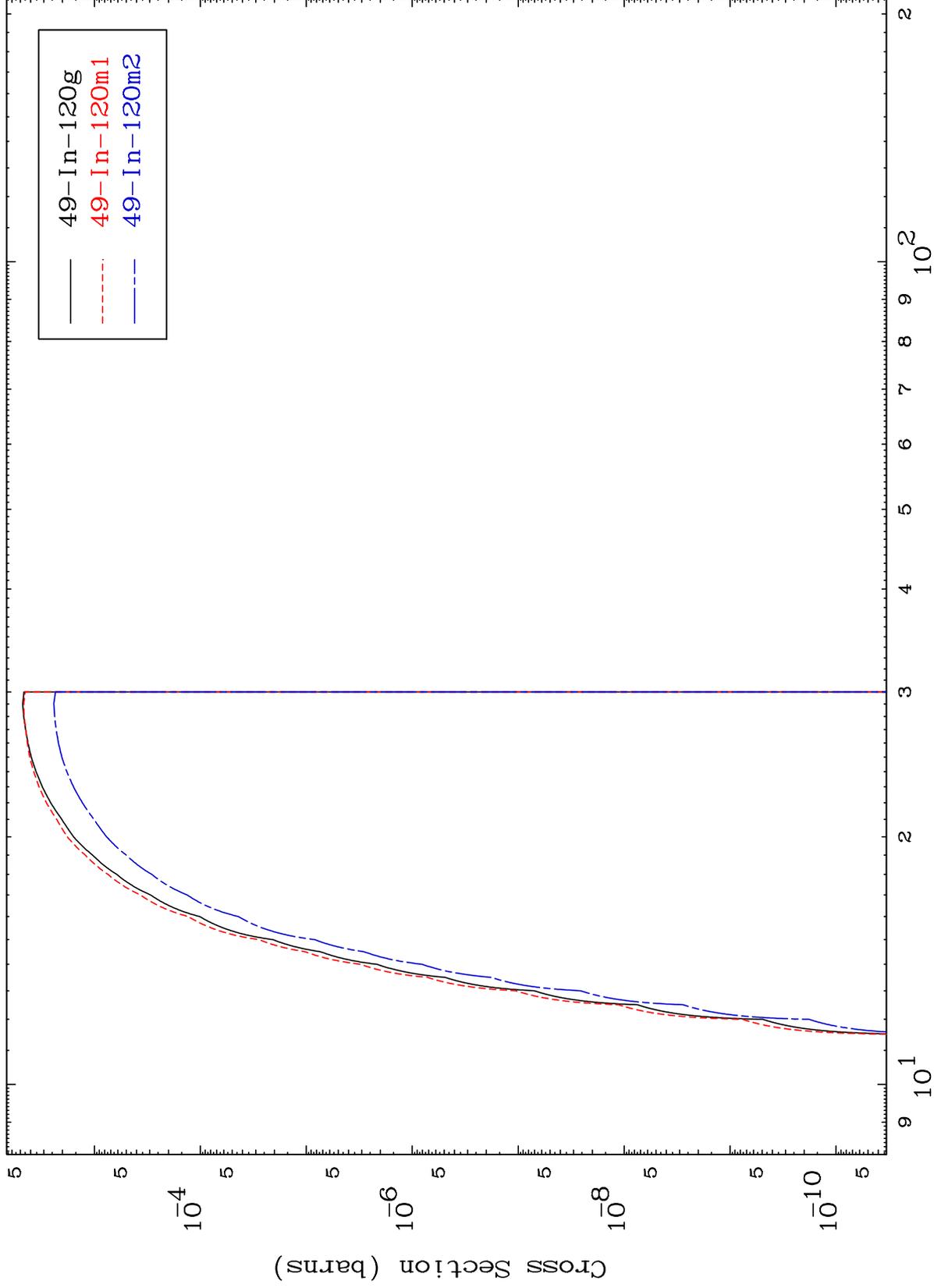
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(n,d)

50-Sn-121

Radionuclide Production Cross Section



31

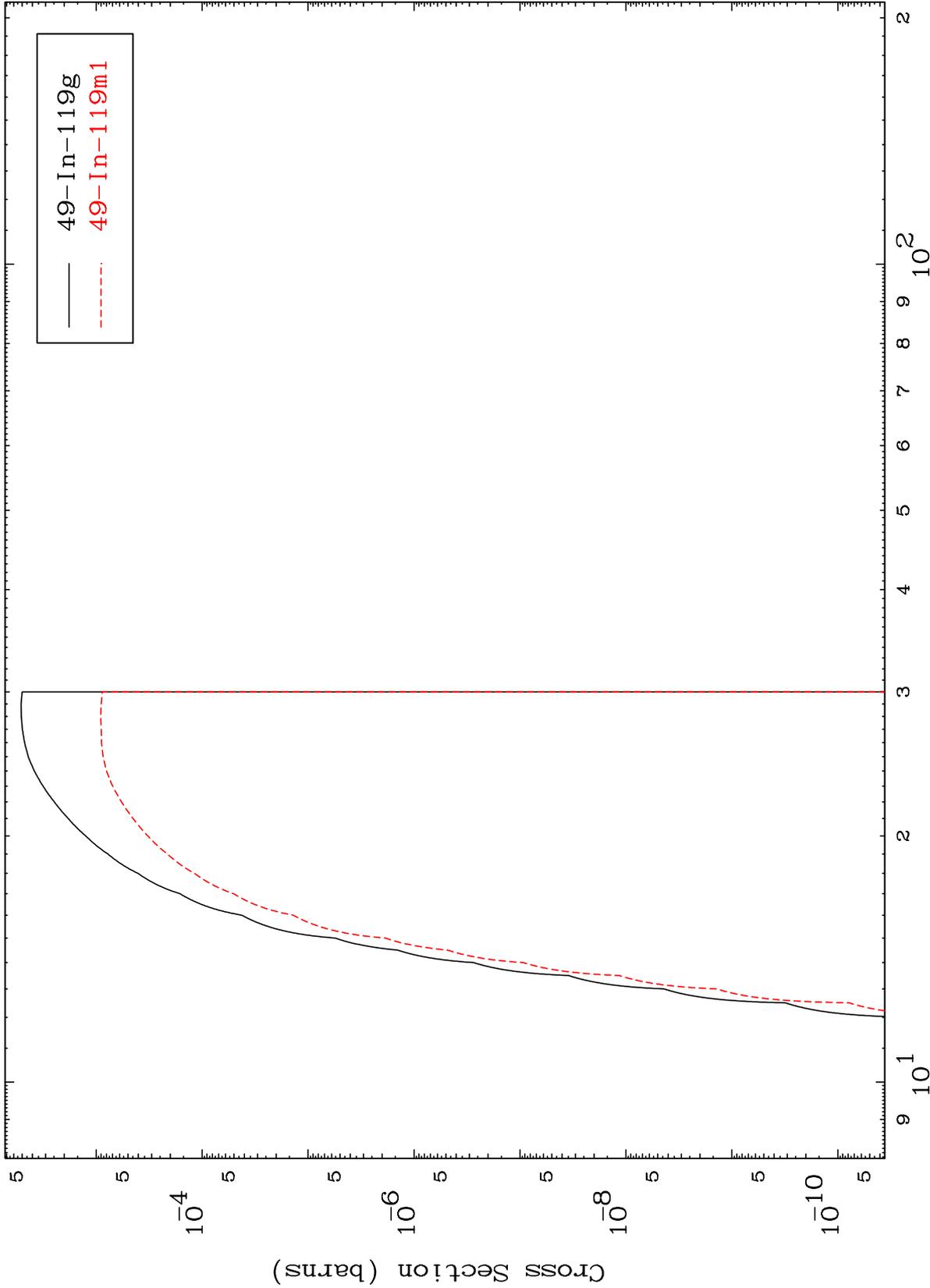
Incident Energy (MeV)

50-Sn-121

MAT 5053

50-Sn-121

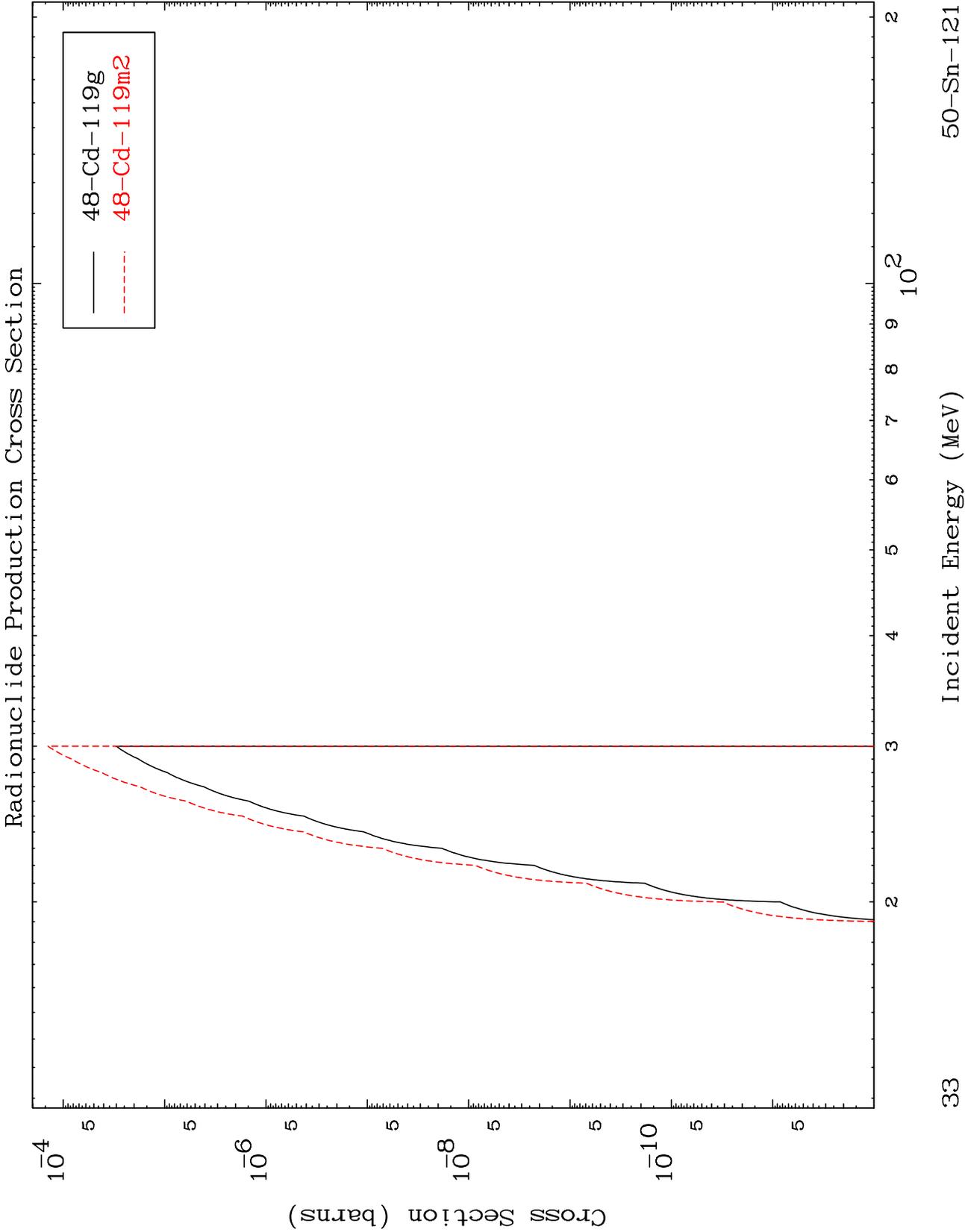
(n,t)  
Radionuclide Production Cross Section



32

Incident Energy (MeV)

50-Sn-121

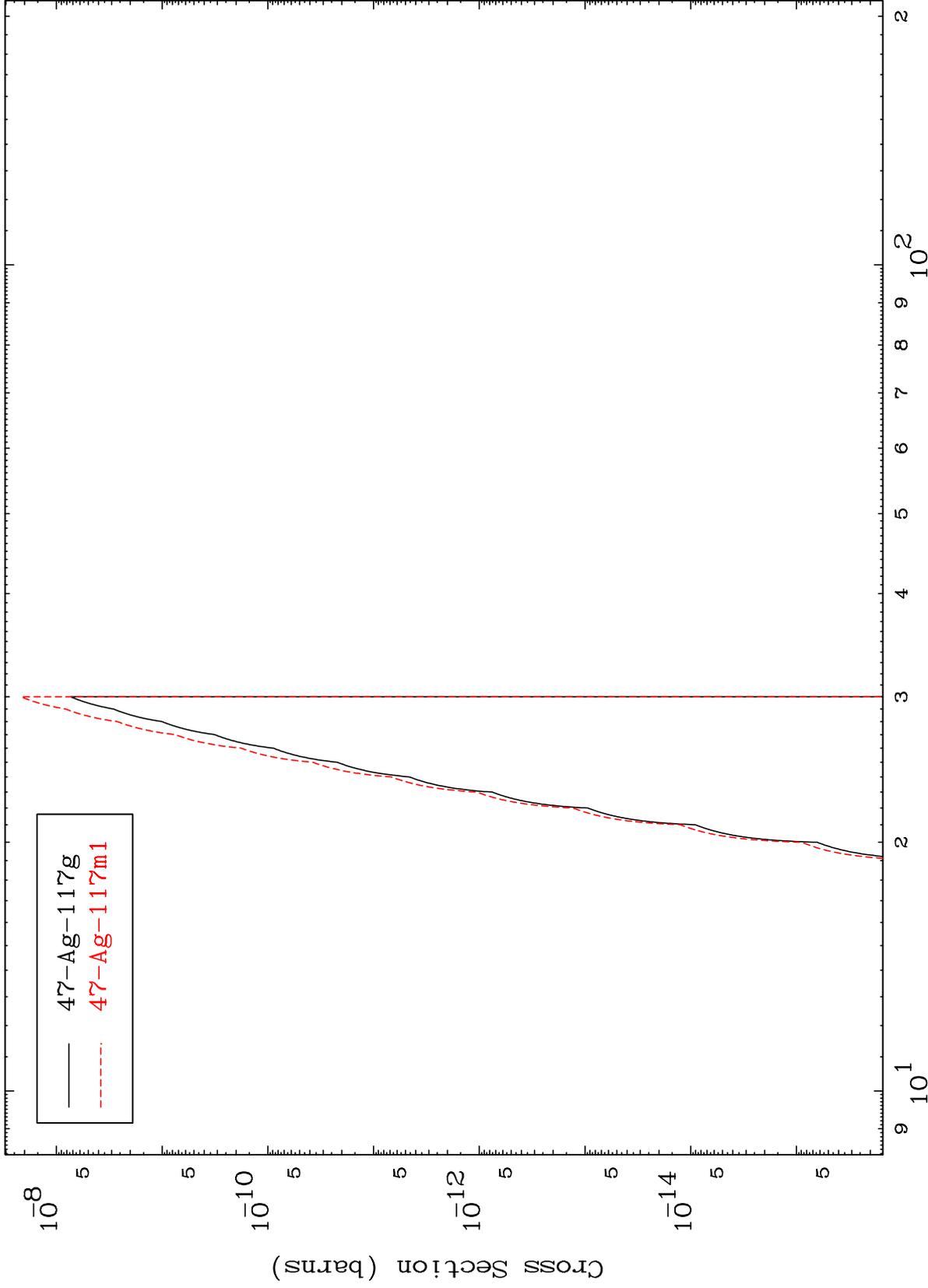


MAT 5053

(n,p)  $\alpha$

50-Sn-121

Radionuclide Production Cross Section



34

Incident Energy (MeV)

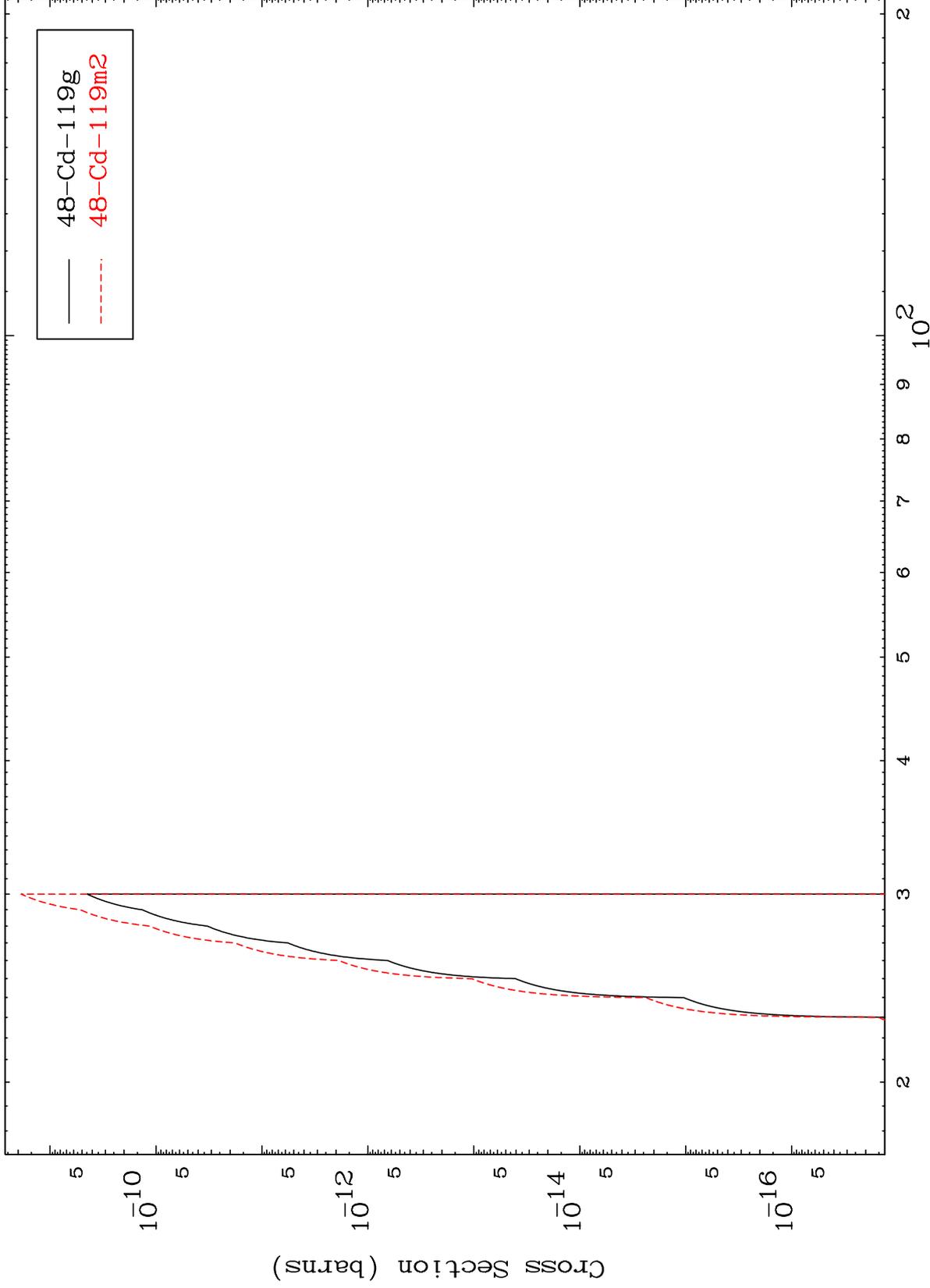
50-Sn-121

MAT 5053

(n,p) d

50-Sn-121

Radionuclide Production Cross Section



35

Incident Energy (MeV)

50-Sn-121