

Program EVALPLOT
(Version 2018-1)

by

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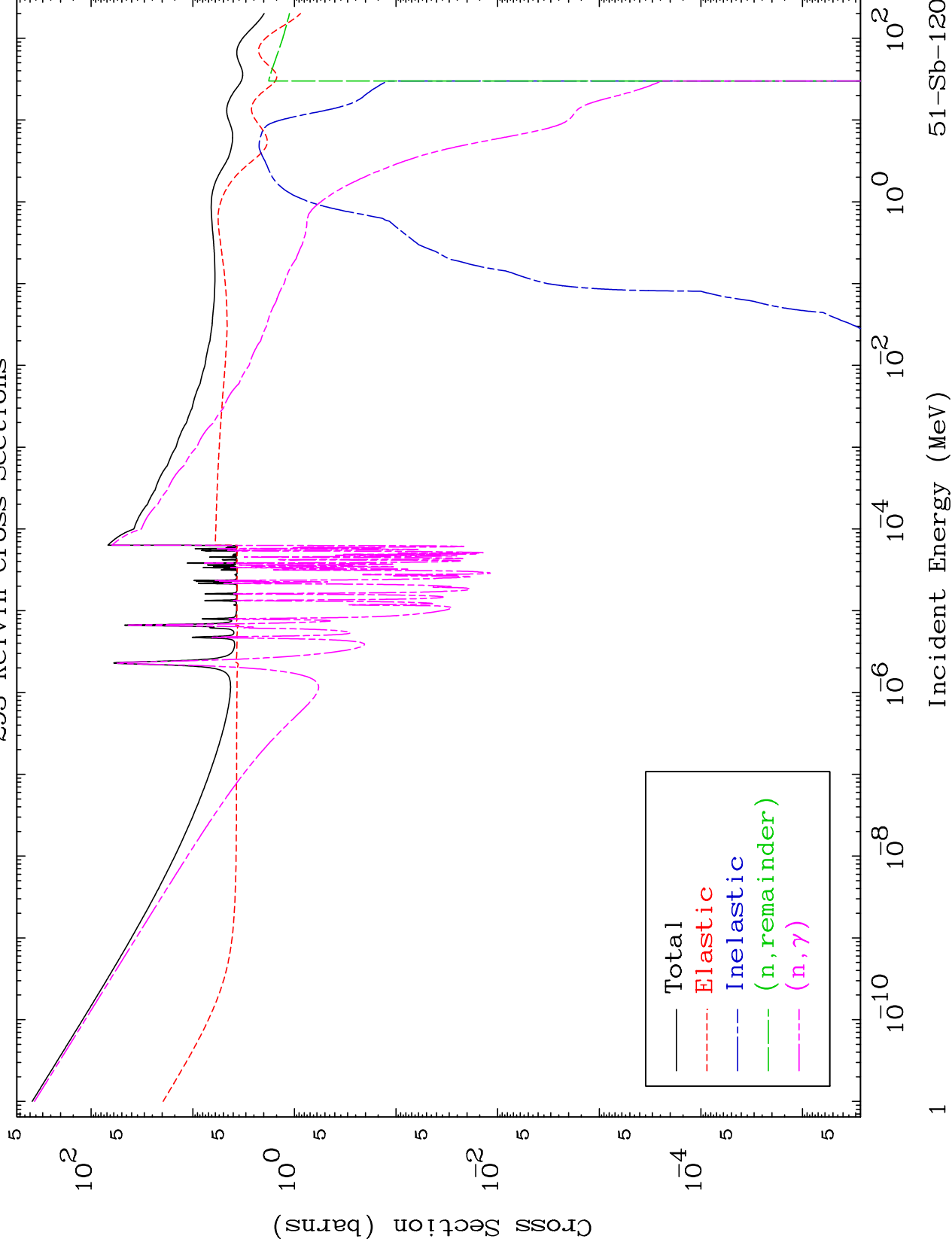
Press Mouse Button to Start

MAT 5123

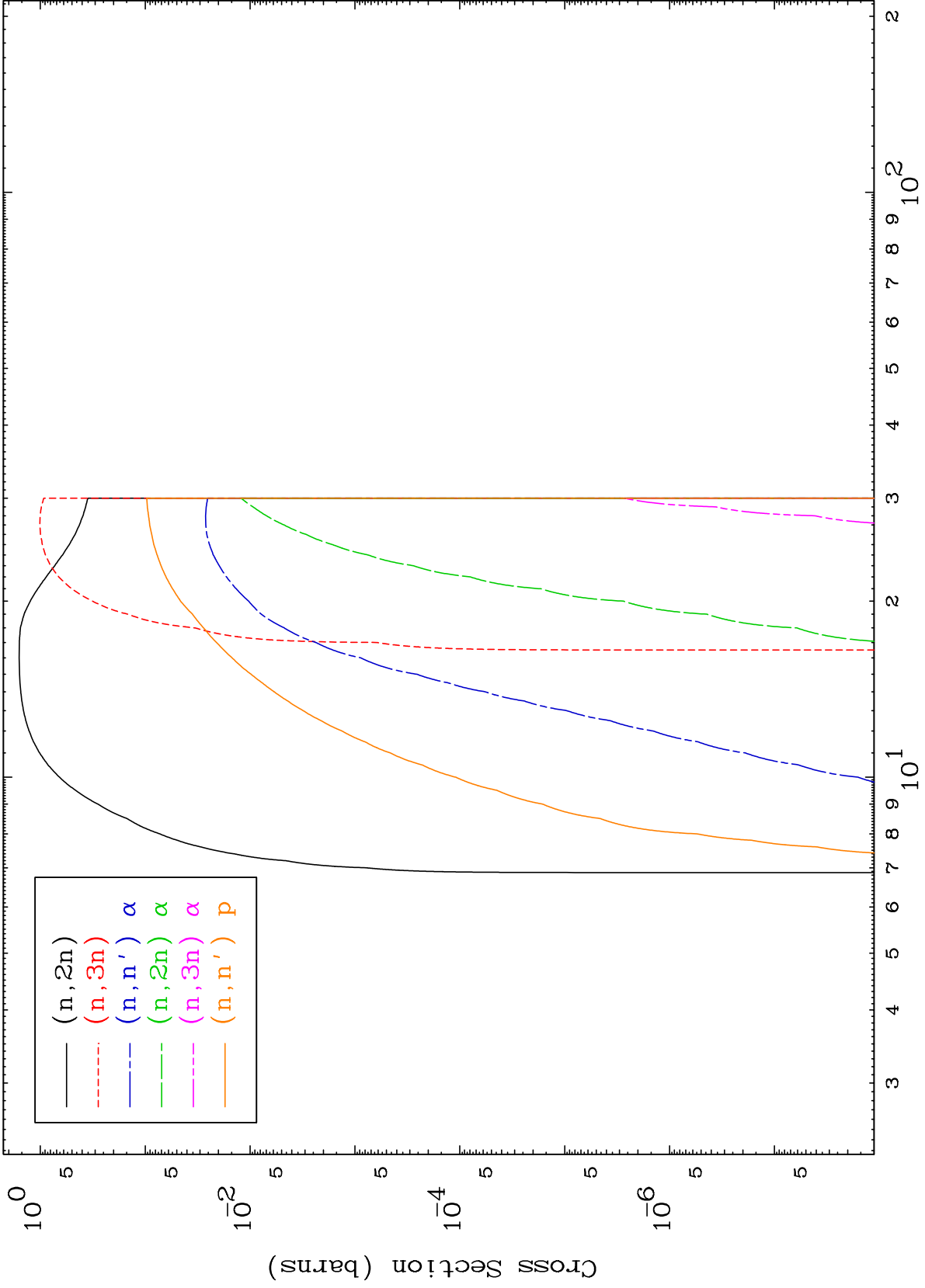
Major

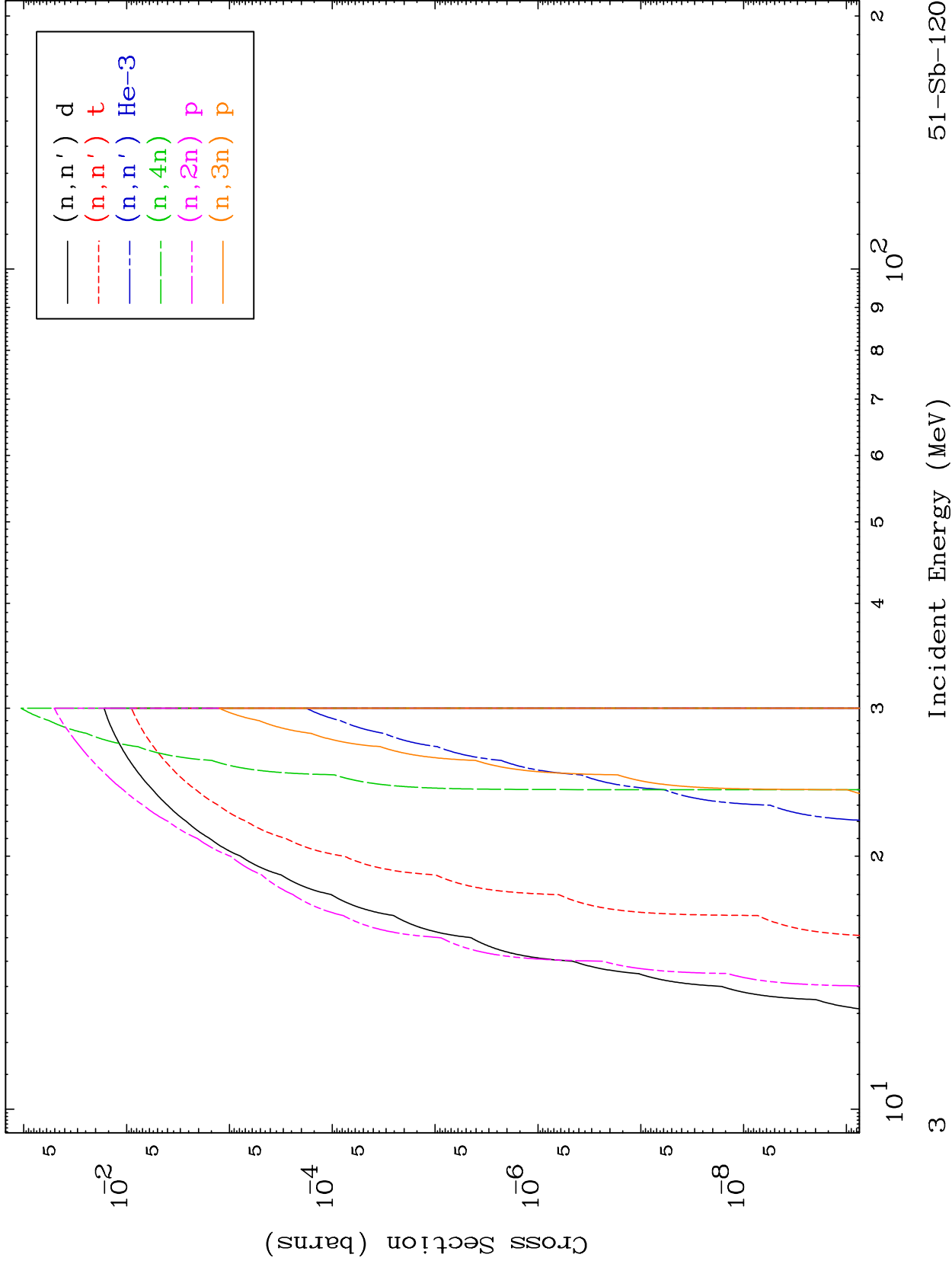
293 Kelvin Cross Sections

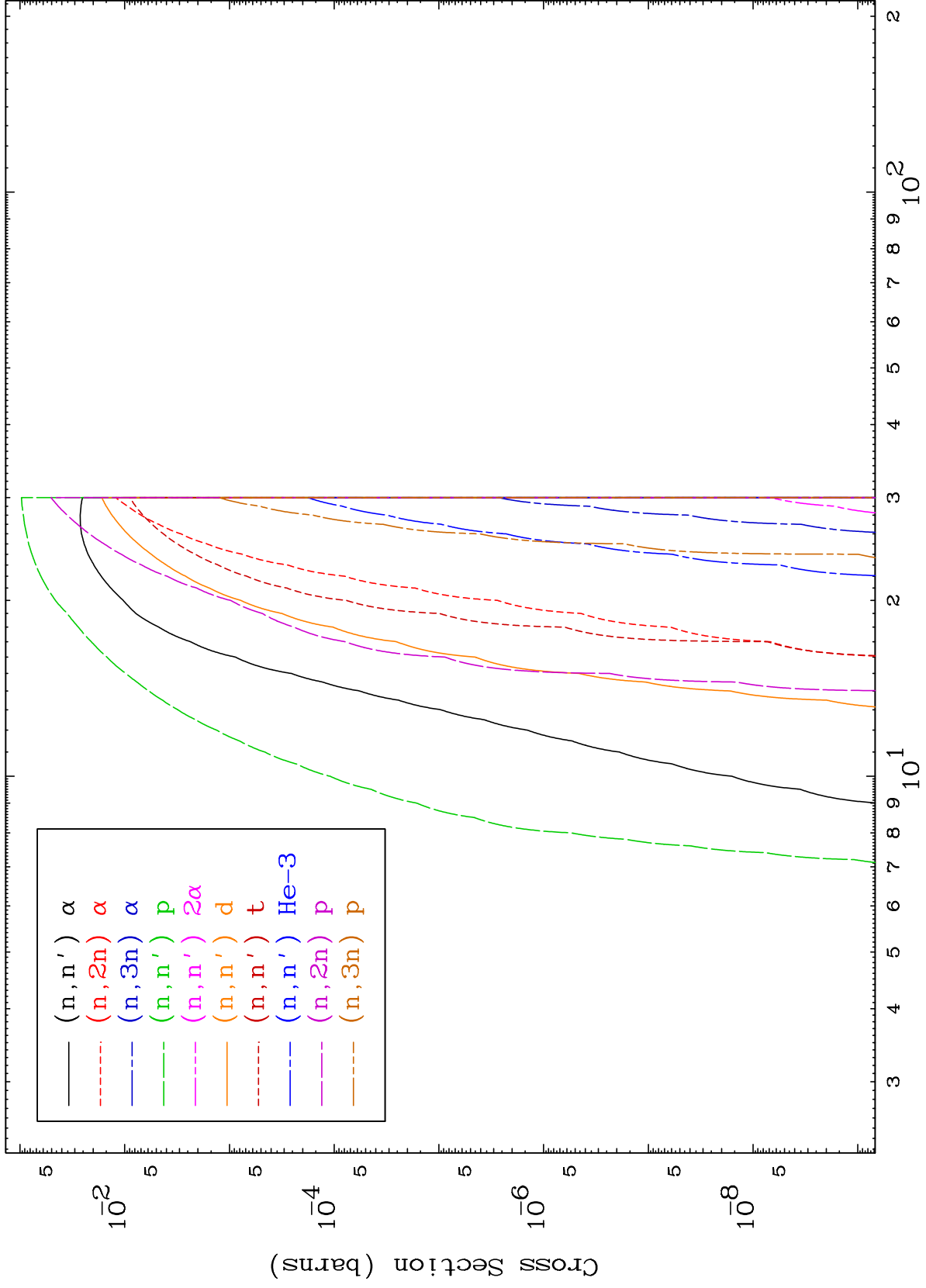
51-Sb-120



Neutron Production
293 Kelvin Cross Sections



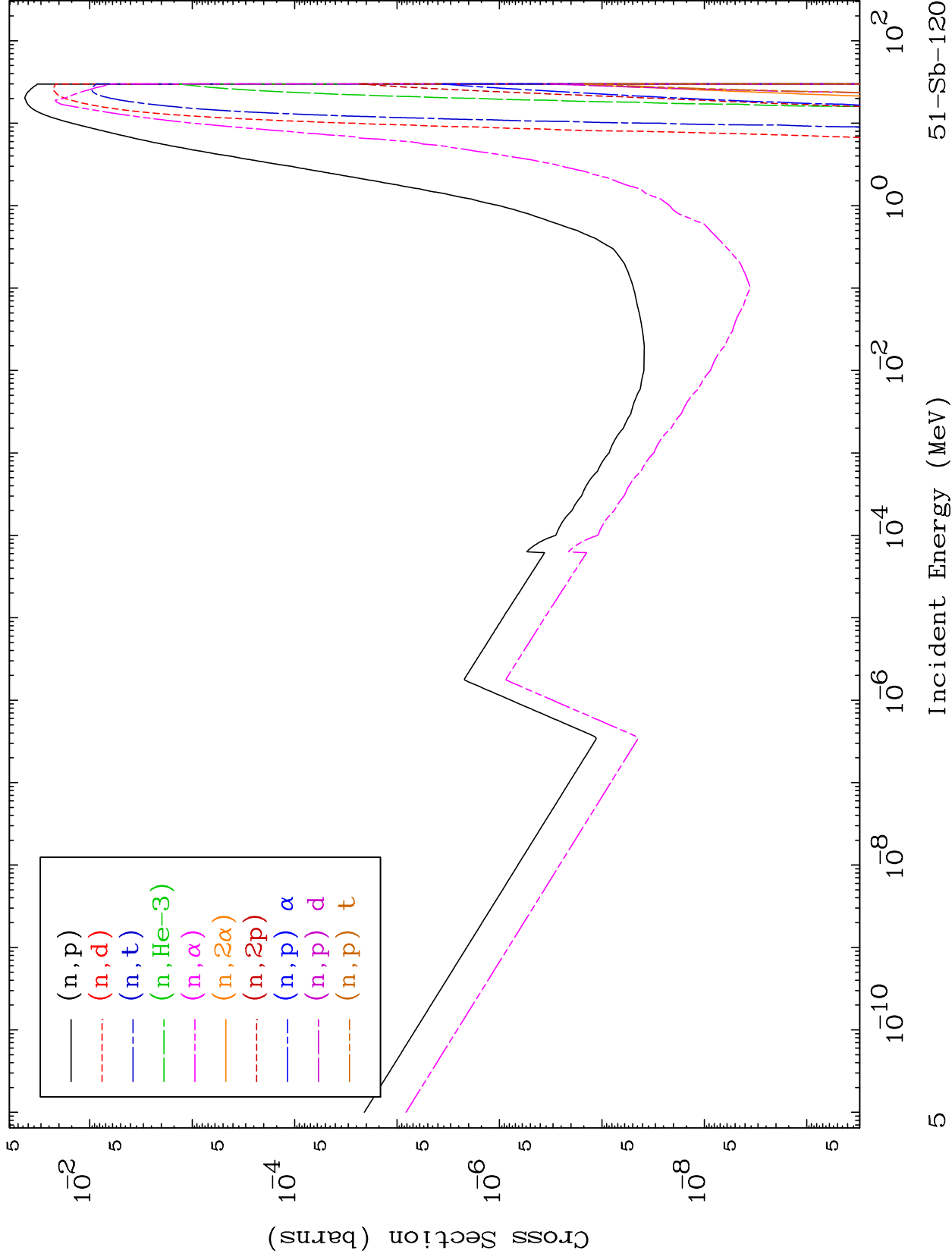




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Charged Particle
293 Kelvin Cross Sections

51-Sb-120

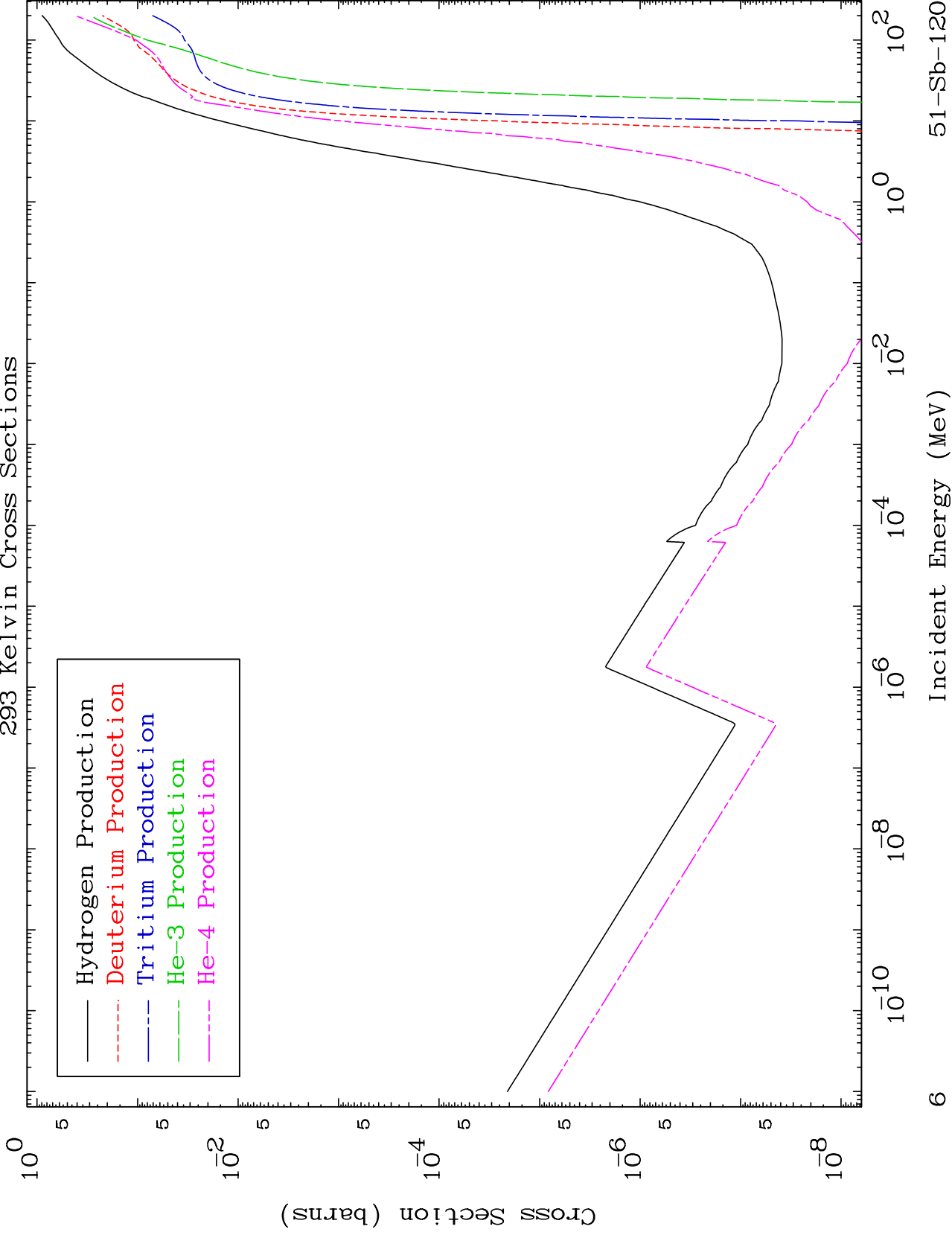


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Particle Production
293 Kelvin Cross Sections

51-Sb-120

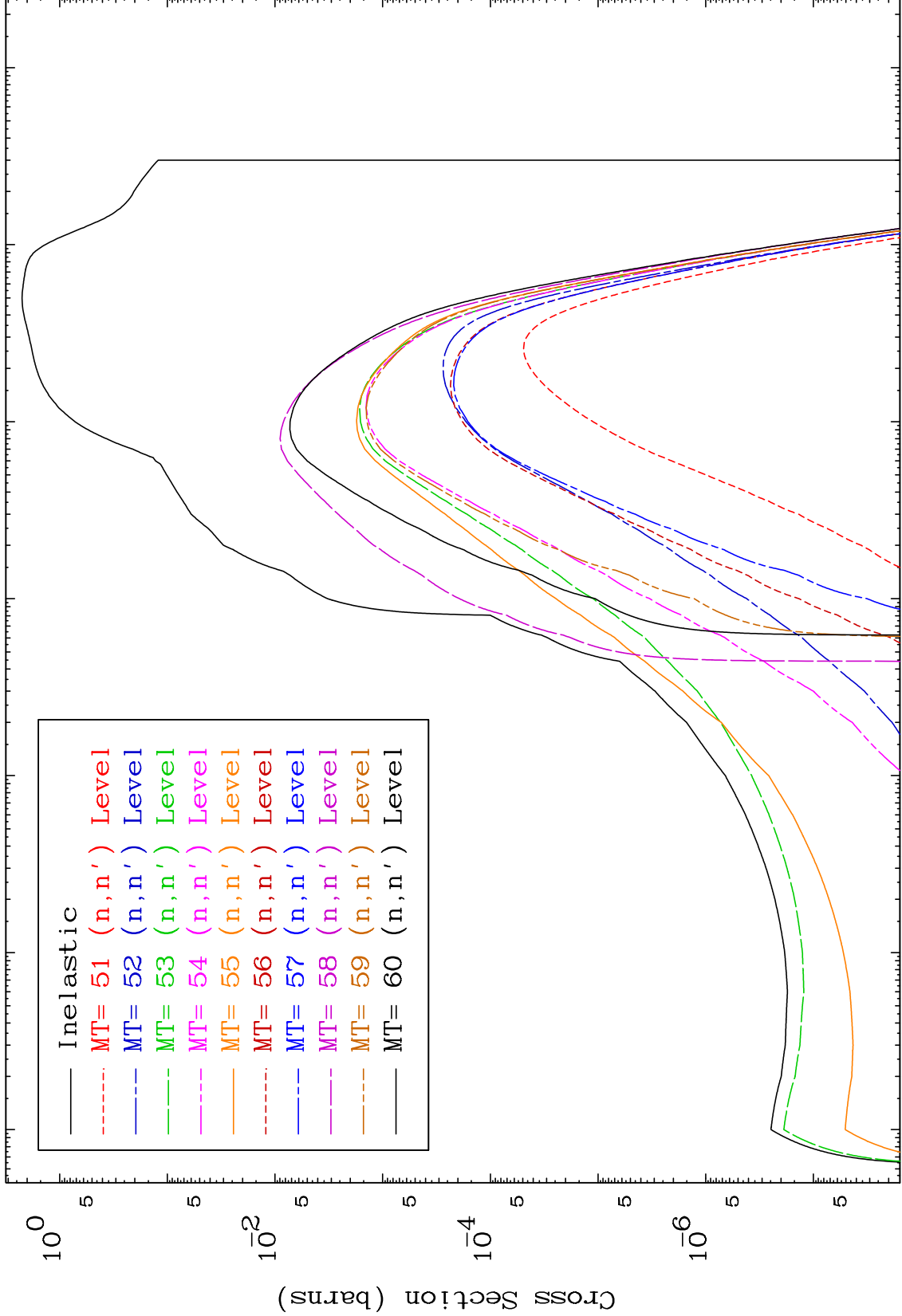


MAT 5123

(n,n') Level

51-Sb-120

293 Kelvin Cross Sections

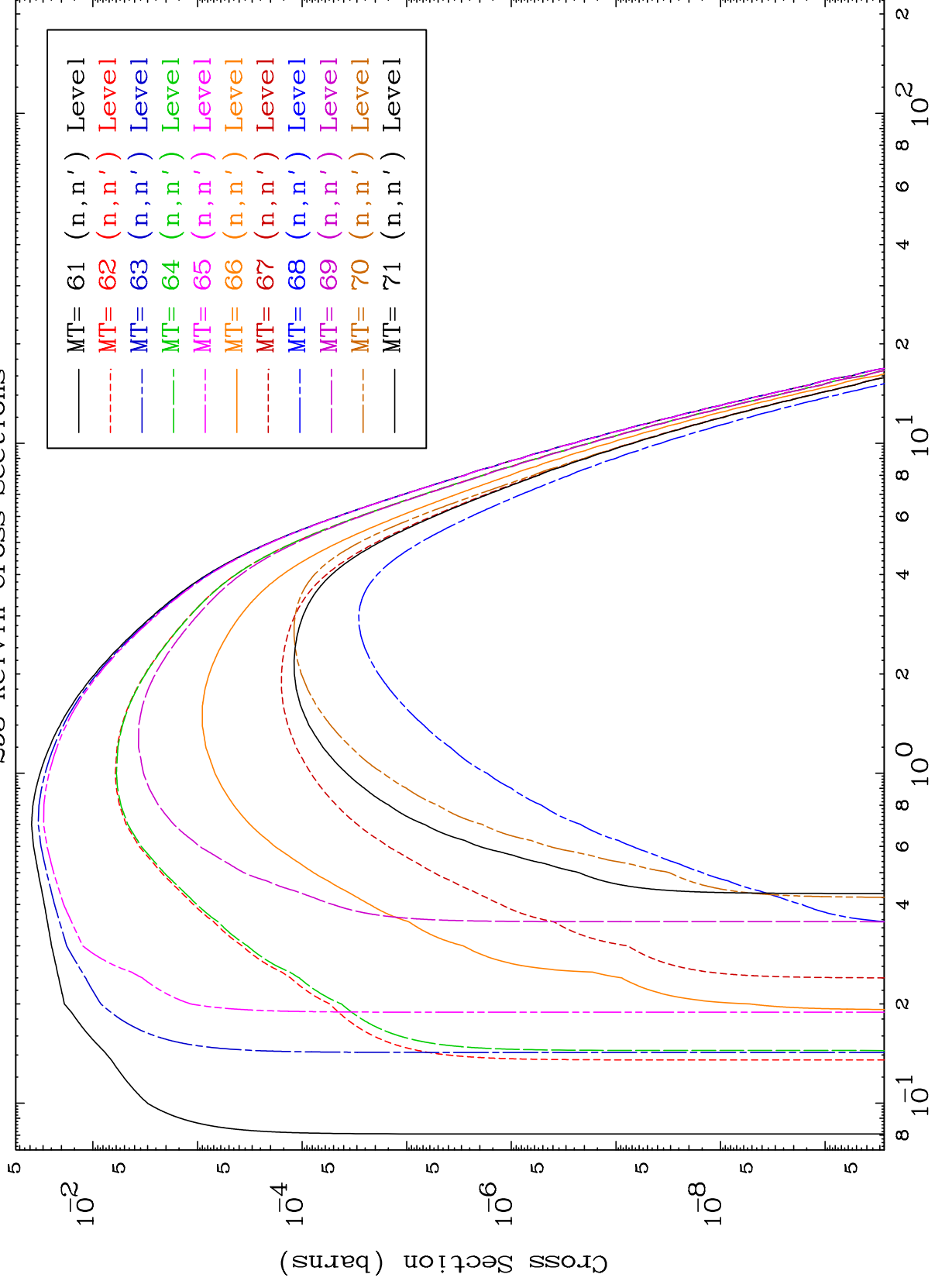


MAT 5123

(n,n') Level

51-Sb-120

293 Kelvin Cross Sections

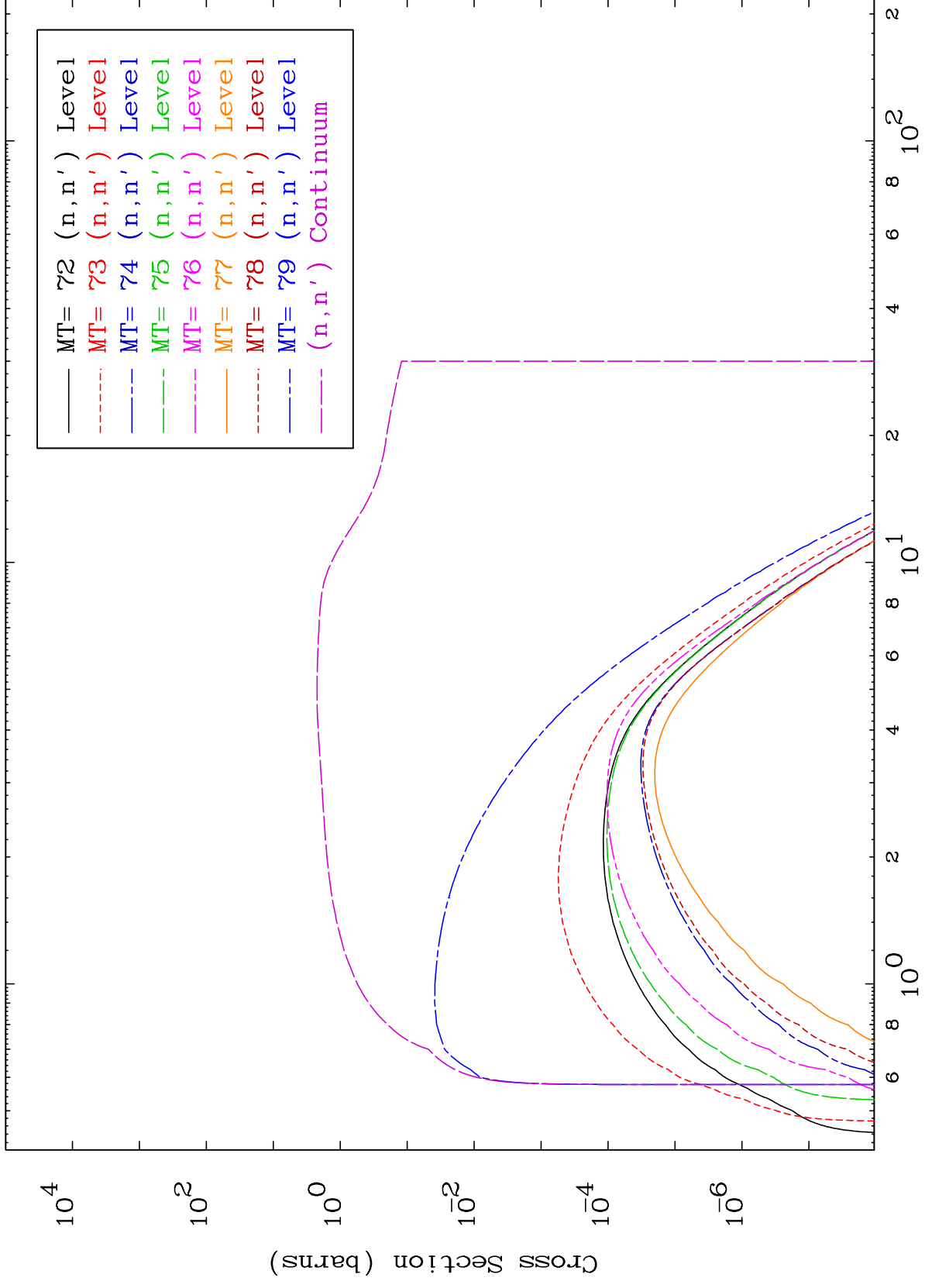


Incident Energy (MeV)

51-Sb-120

8

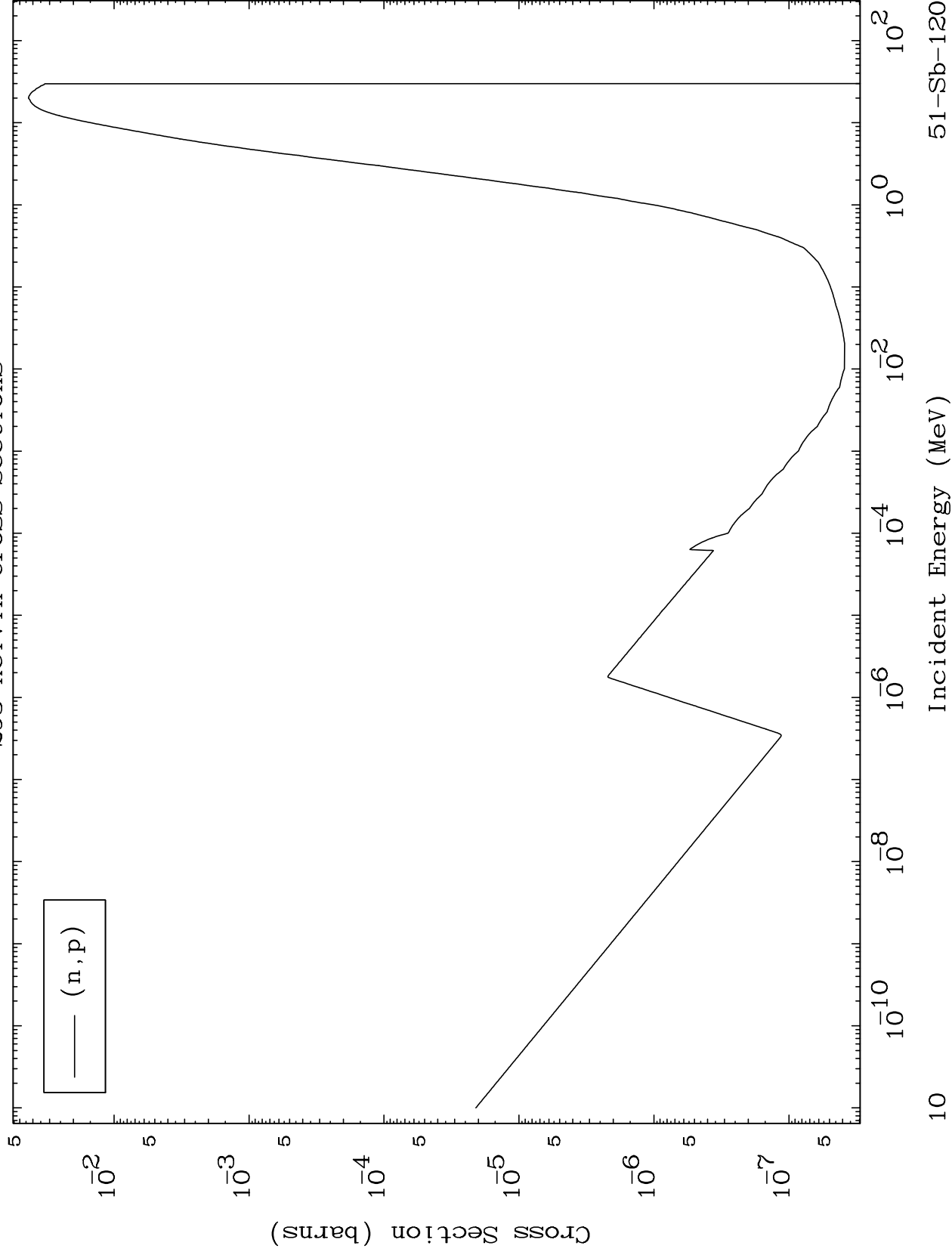
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

51-Sb-120



51-Sb-120

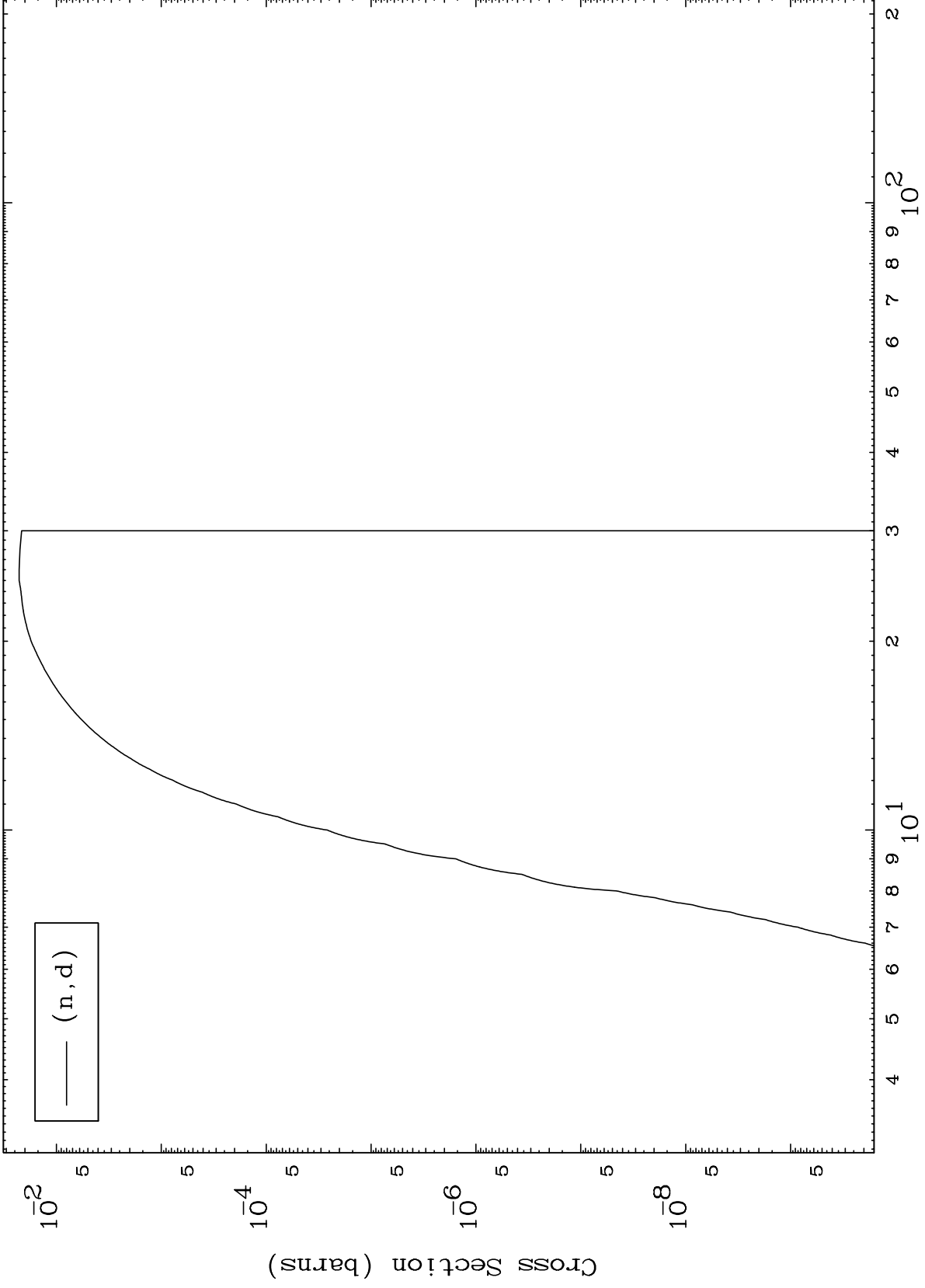
Incident Energy (MeV)

10

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(n,d) Levels
293 Kelvin Cross Sections

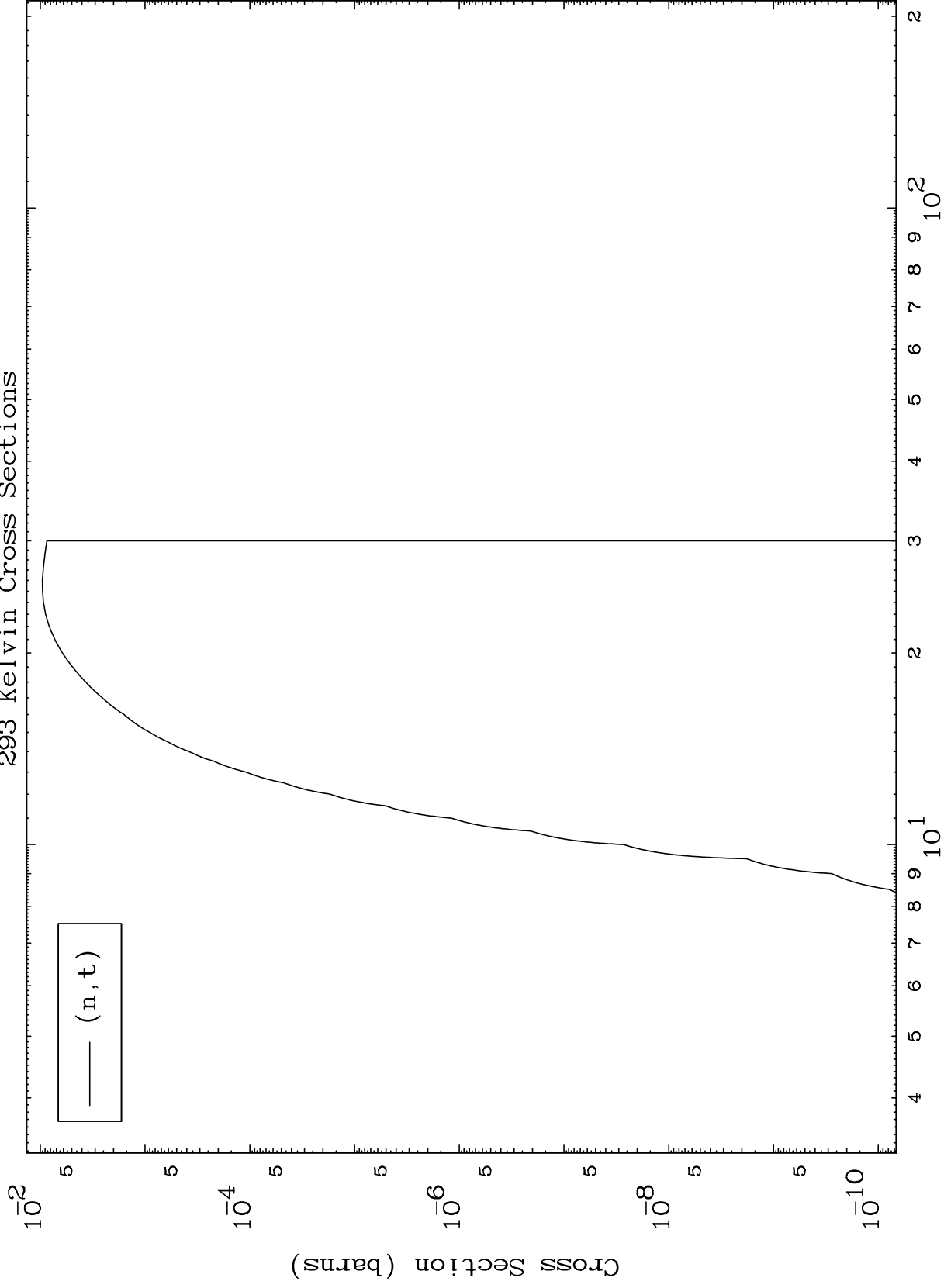
51-Sb-120



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(n,t) Levels
293 Kelvin Cross Sections

51-Sb-120



12

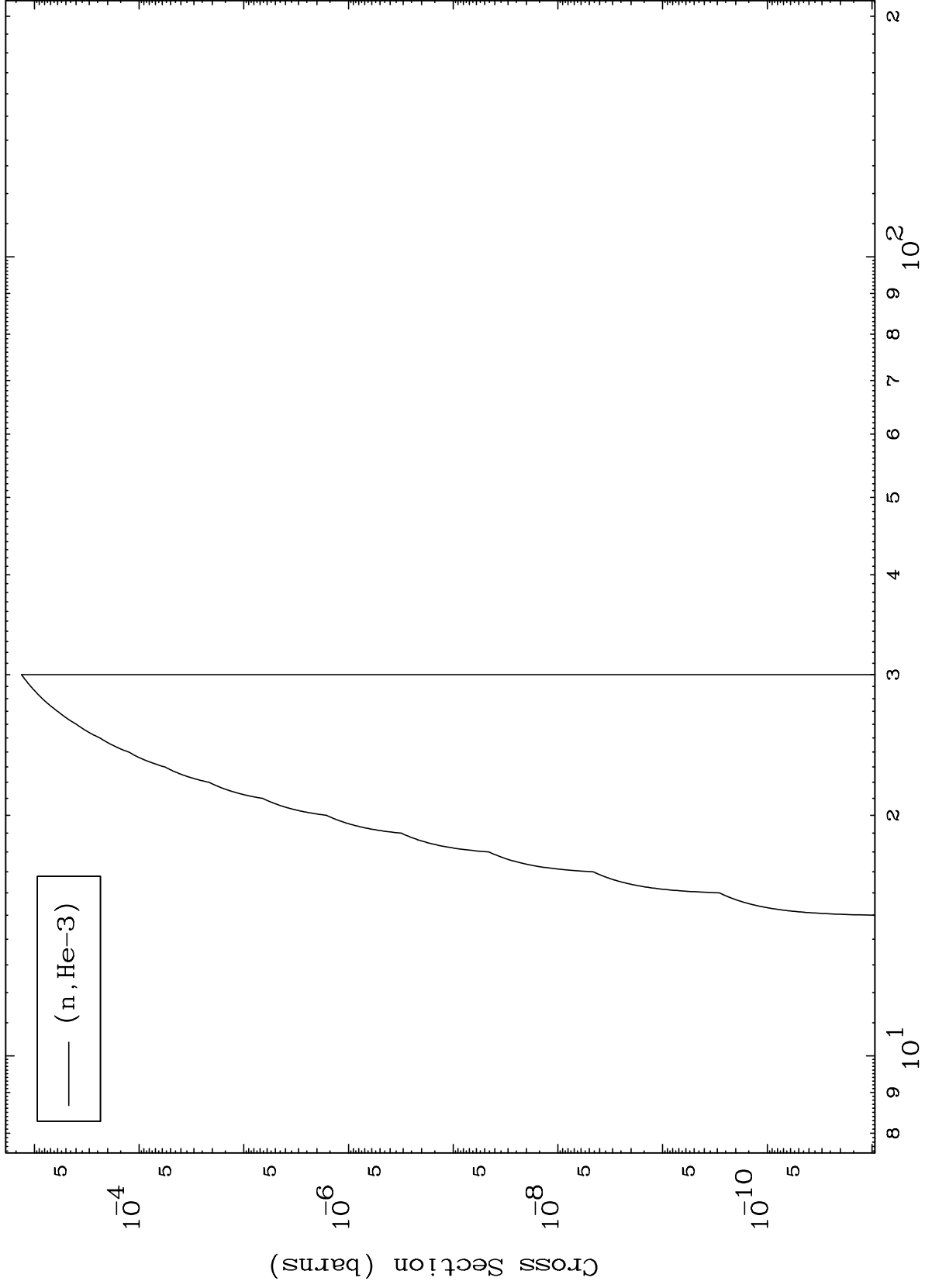
Incident Energy (MeV)

51-Sb-120

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(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-120



13

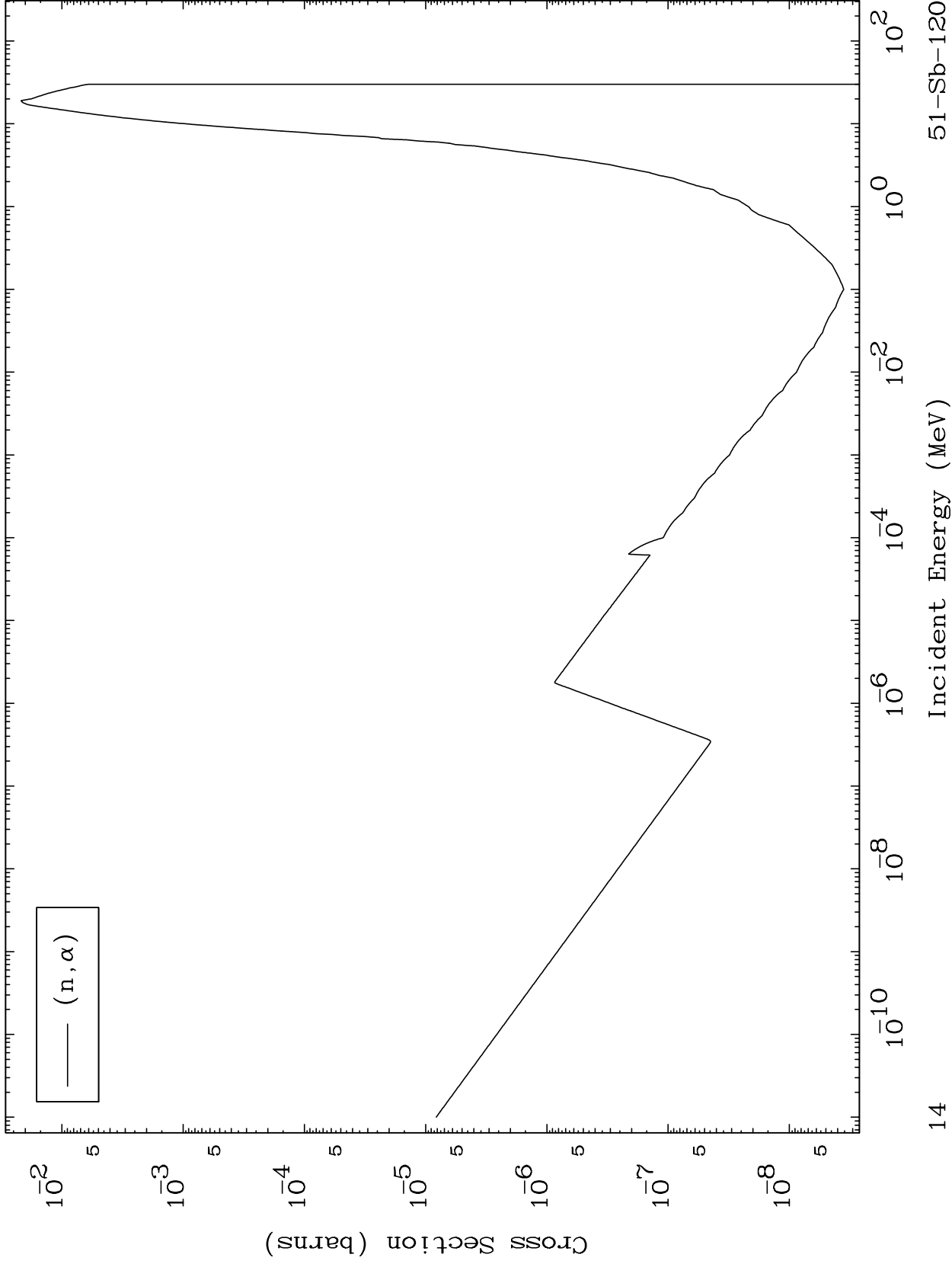
Incident Energy (MeV)

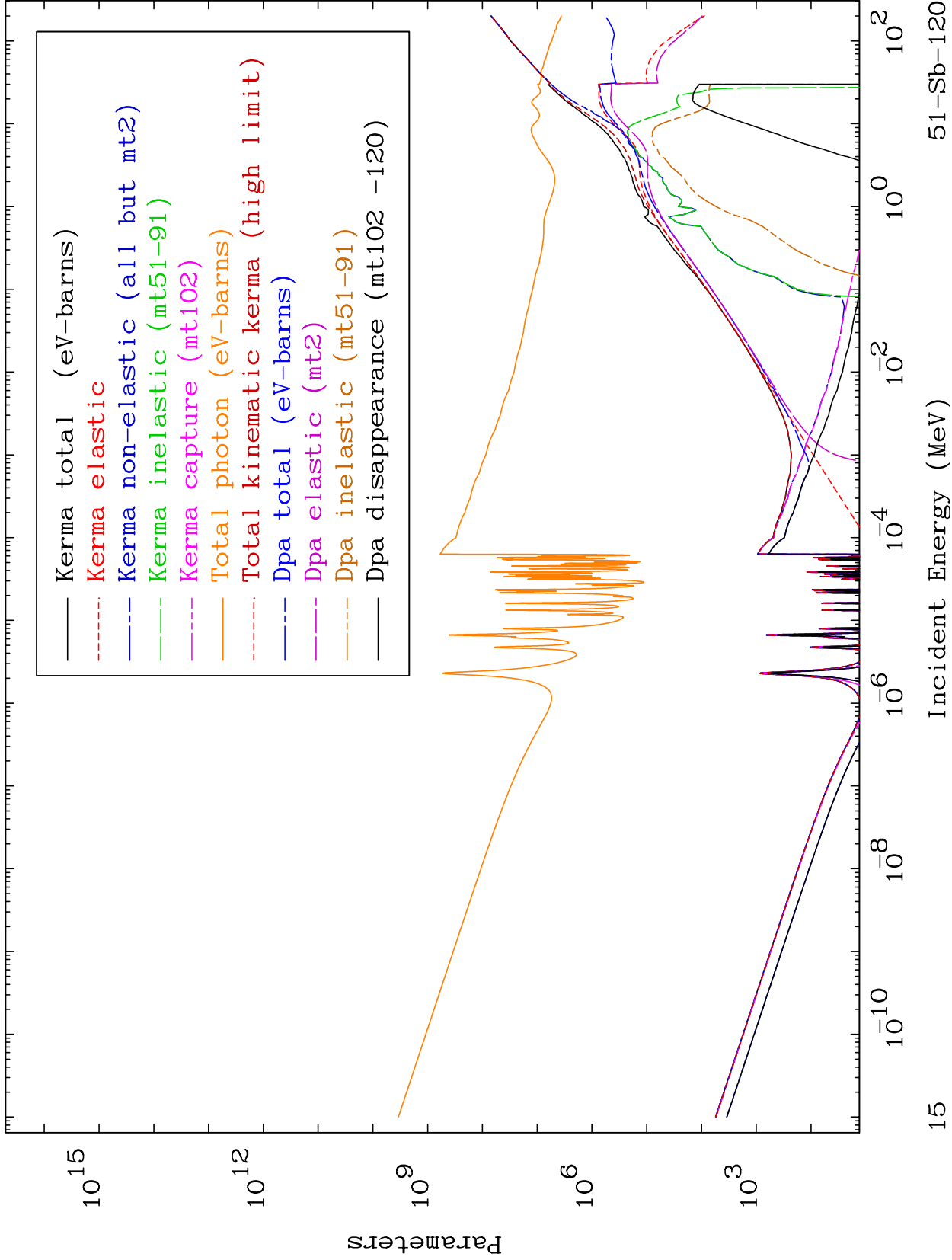
51-Sb-120

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(n, α) Levels
293 Kelvin Cross Sections

51-Sb-120

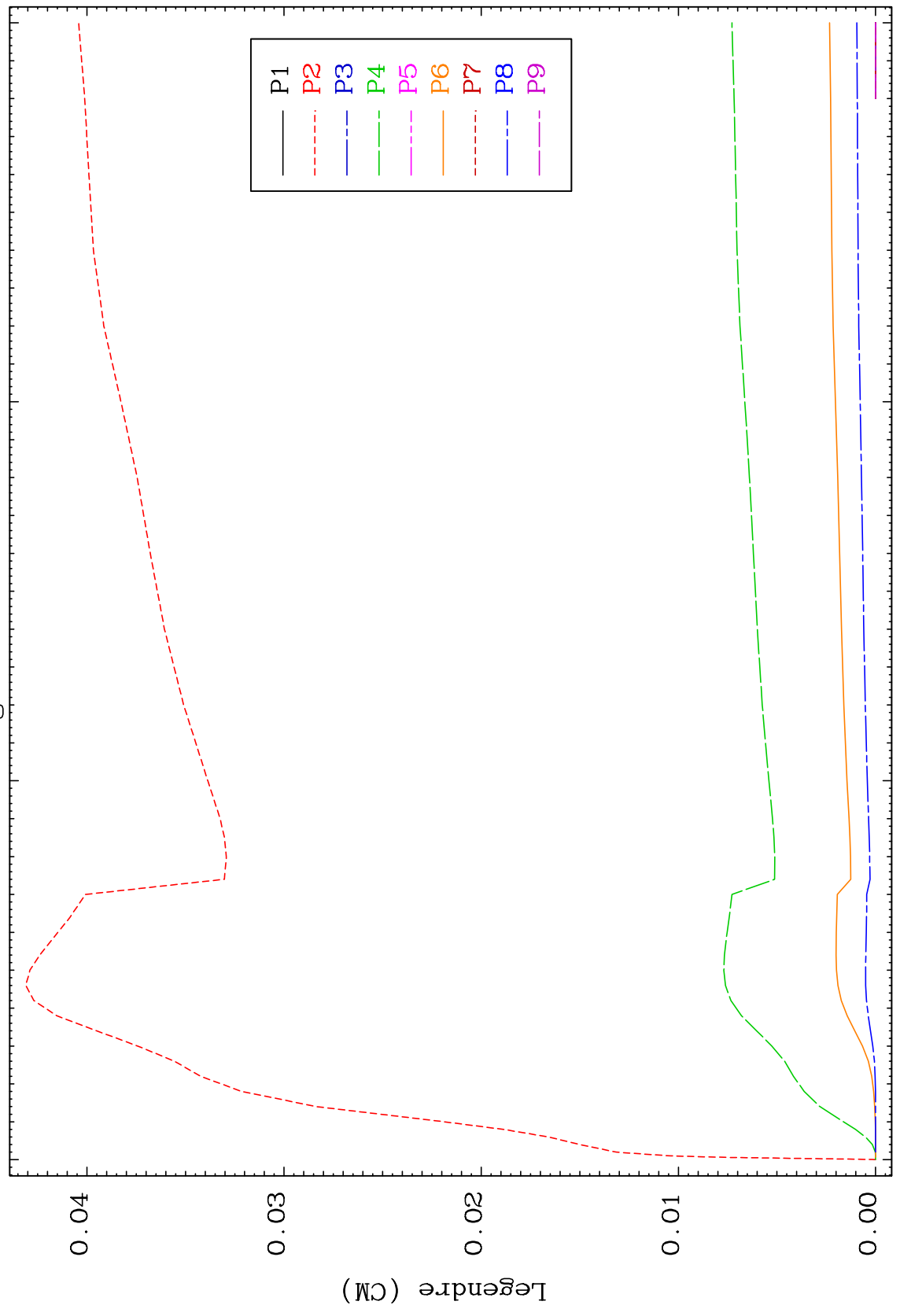




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Elastic Legendre Coefficients

51-Sb-120



16

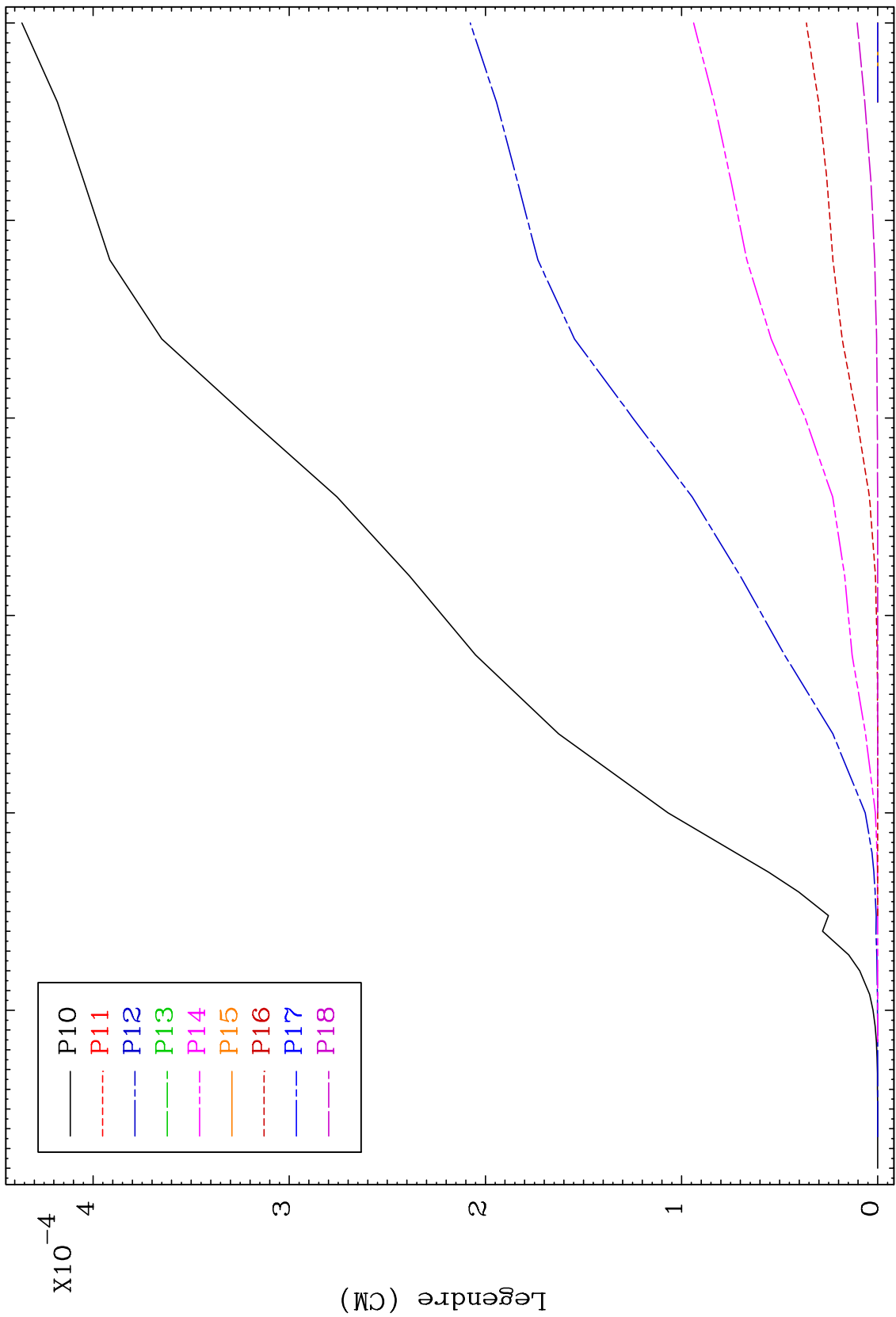
Incident Energy (MeV)

51-Sb-120

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Elastic Legendre Coefficients

51-Sb-120



$\times 10^{-4}$

Legendre (CM)

17

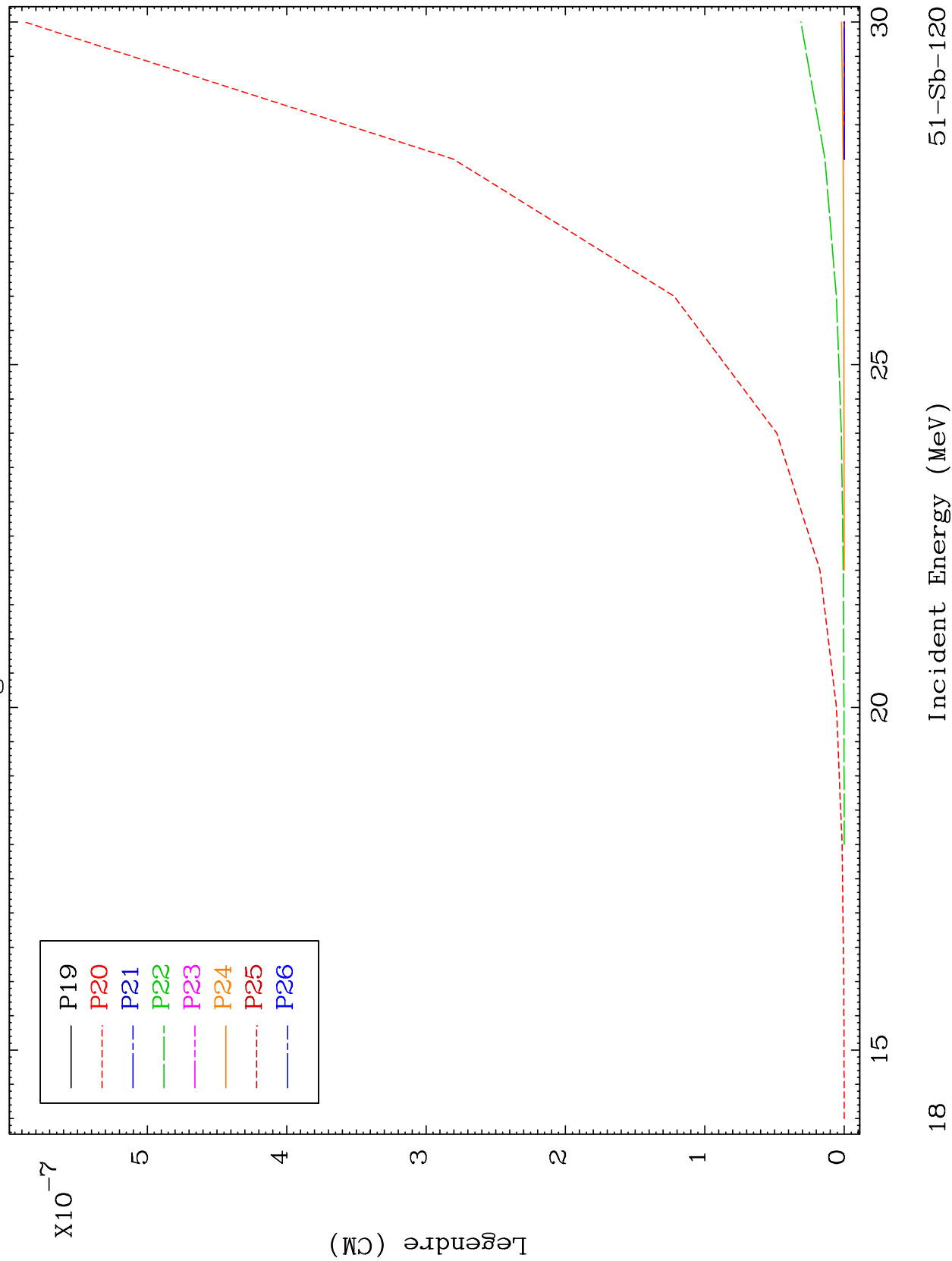
Incident Energy (MeV)

51-Sb-120

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Elastic
Legendre Coefficients

51-Sb-120



18

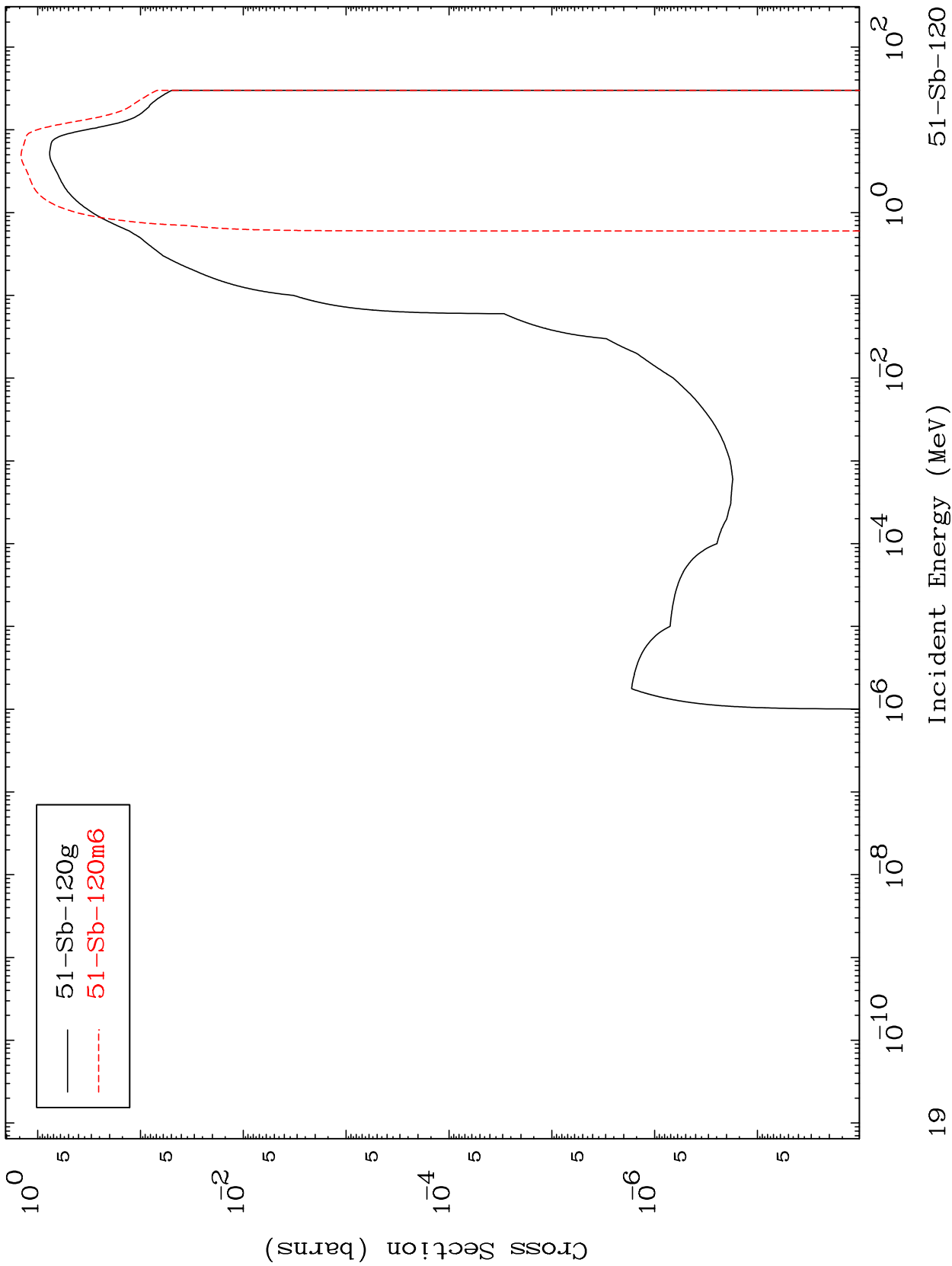
Incident Energy (MeV)

51-Sb-120

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51-Sb-120

Inelastic
Radionuclide Production Cross Section

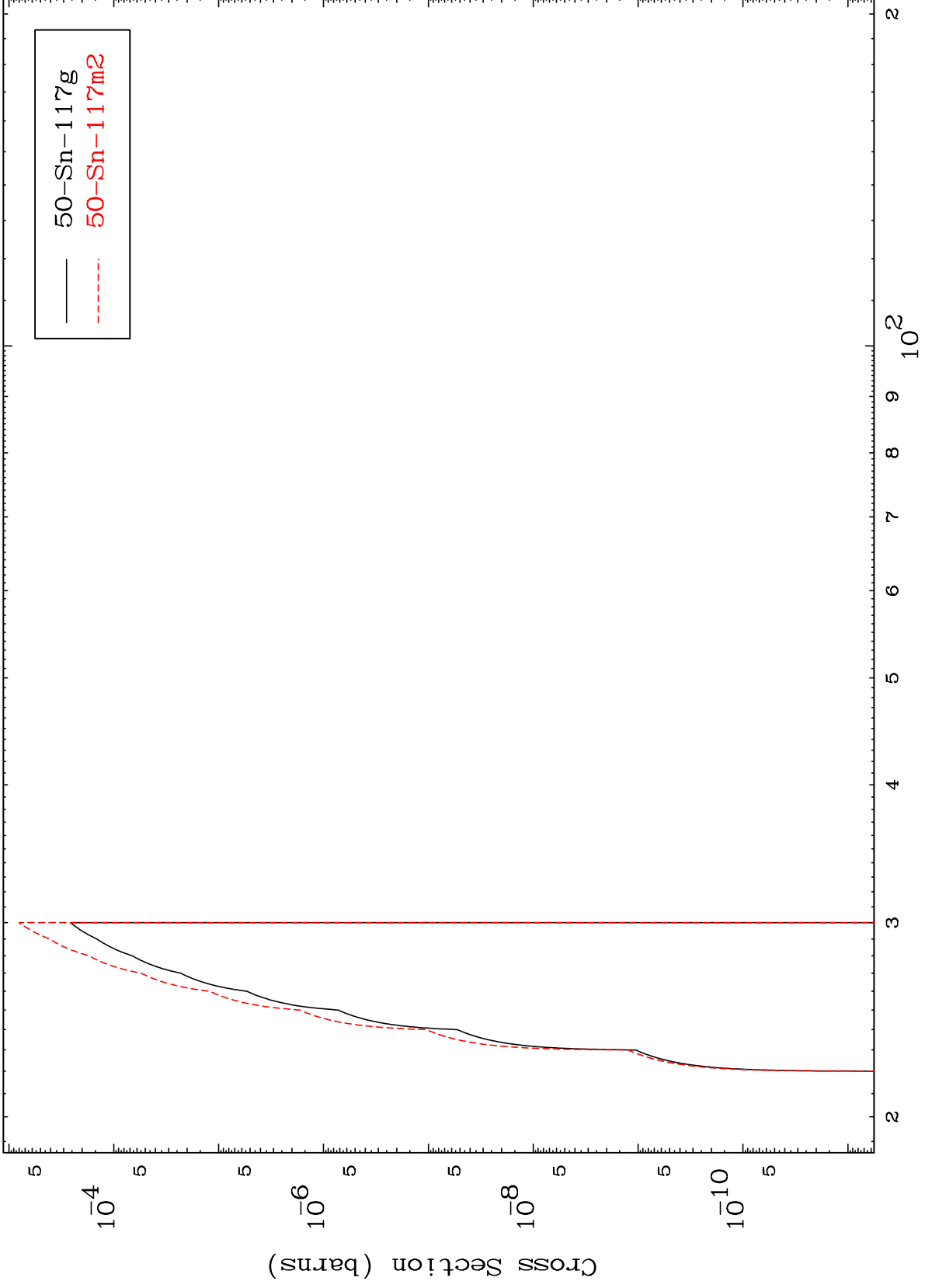


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(n,2n) d

51-Sb-120

Radionuclide Production Cross Section



20

Incident Energy (MeV)

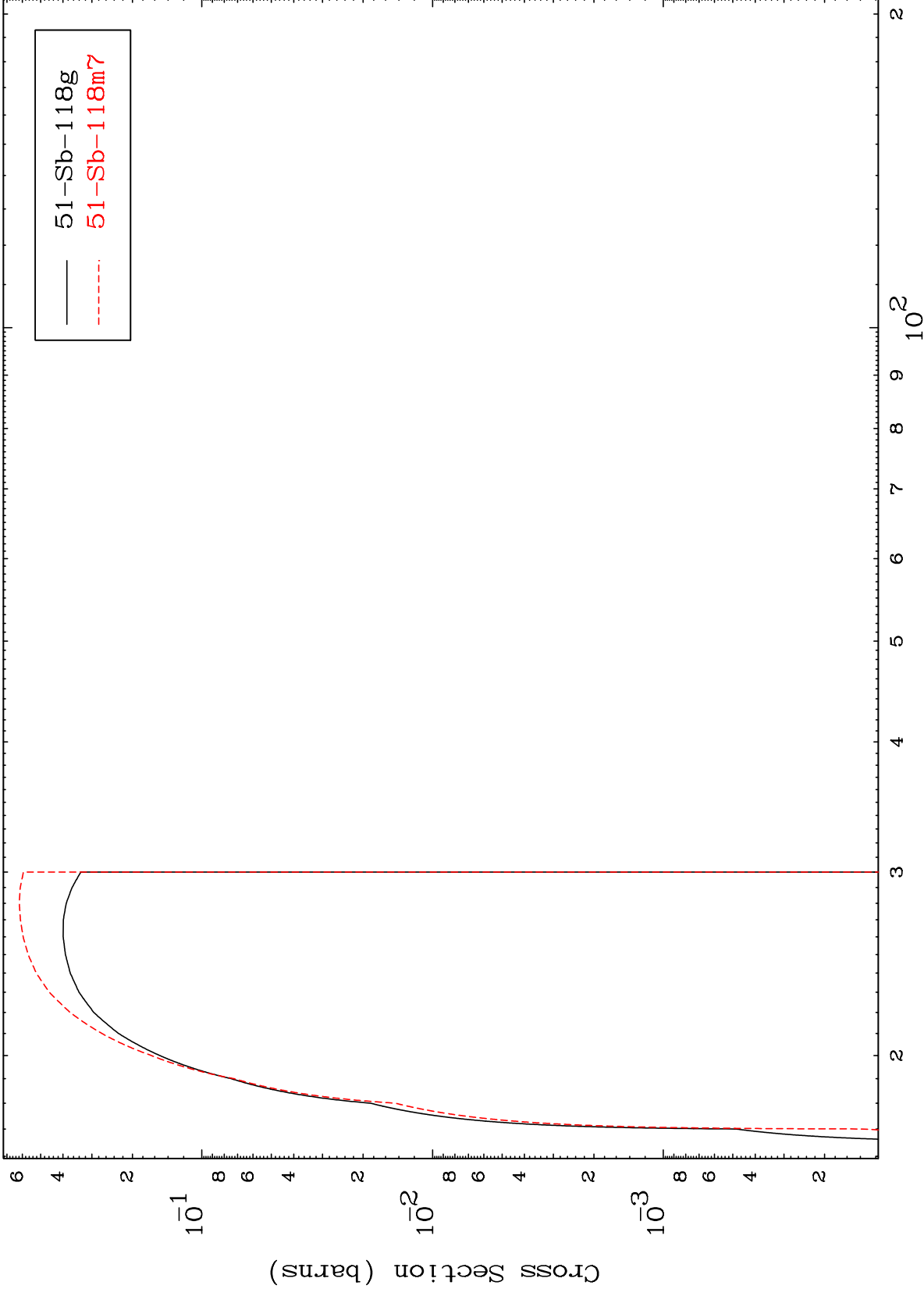
51-Sb-120

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(n,3n)

51-Sb-120

Radionuclide Production Cross Section



21

Incident Energy (MeV)

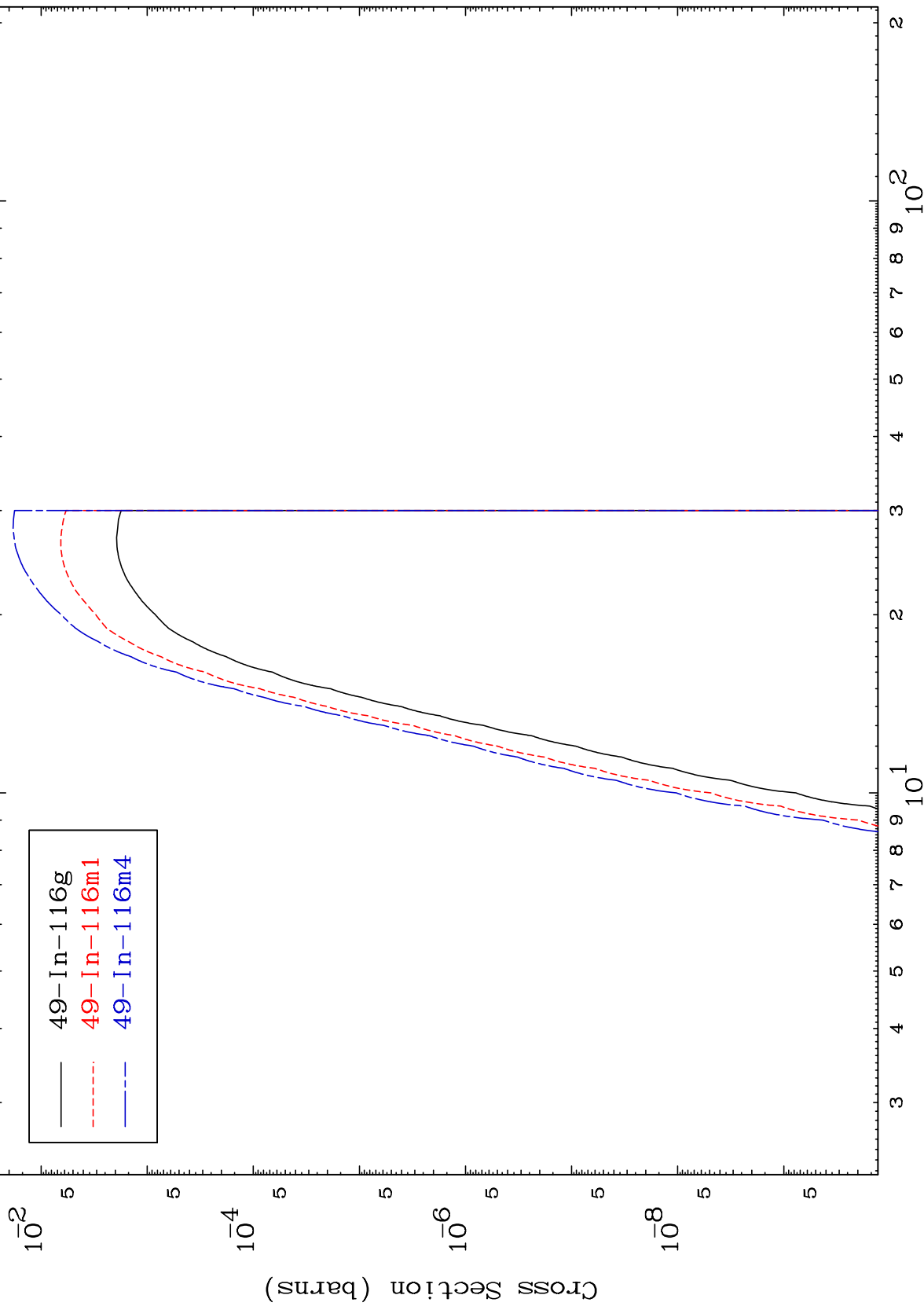
51-Sb-120

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51-Sb-120

(n,n') α

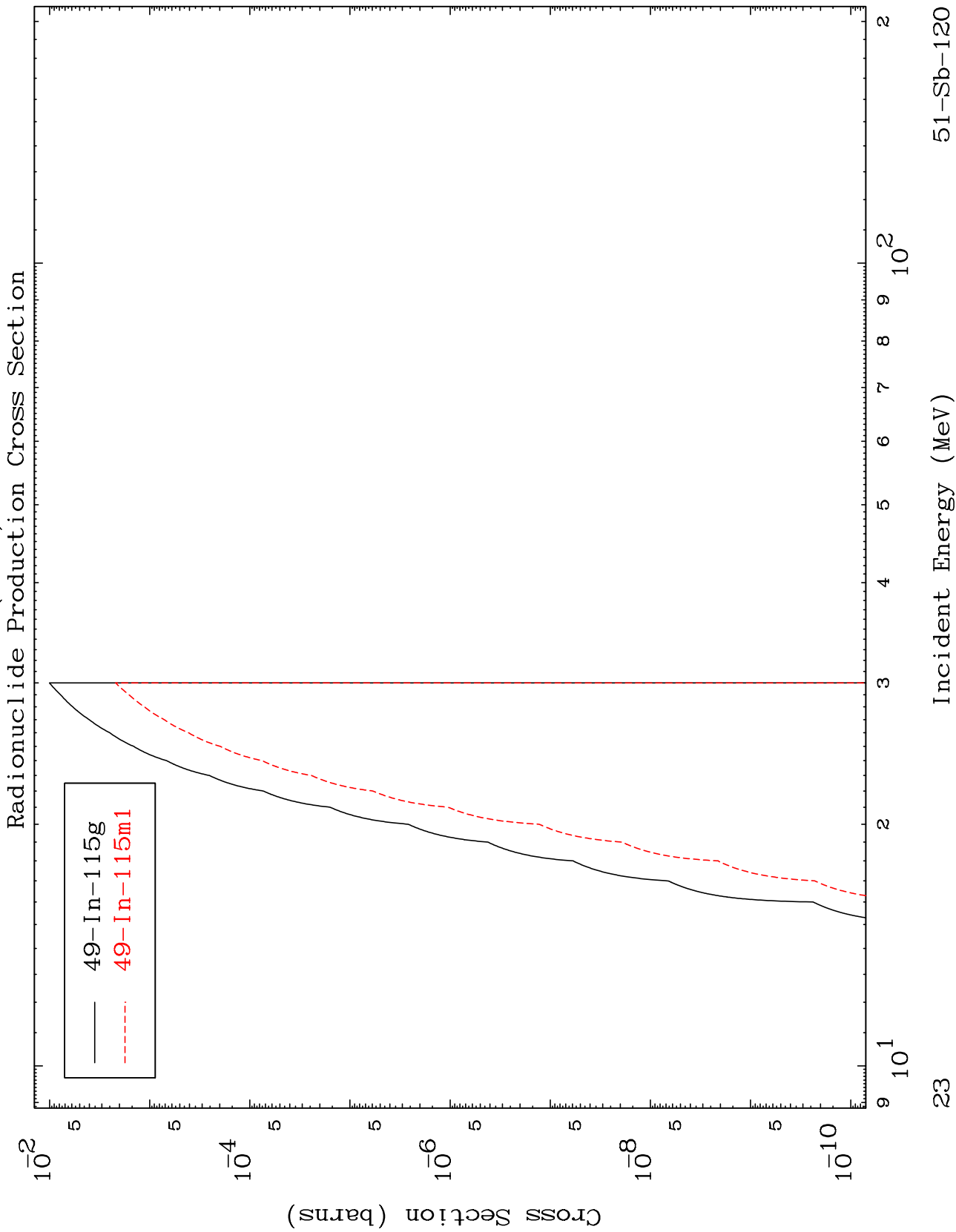
Radionuclide Production Cross Section



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(n,2n) α

51-Sb-120

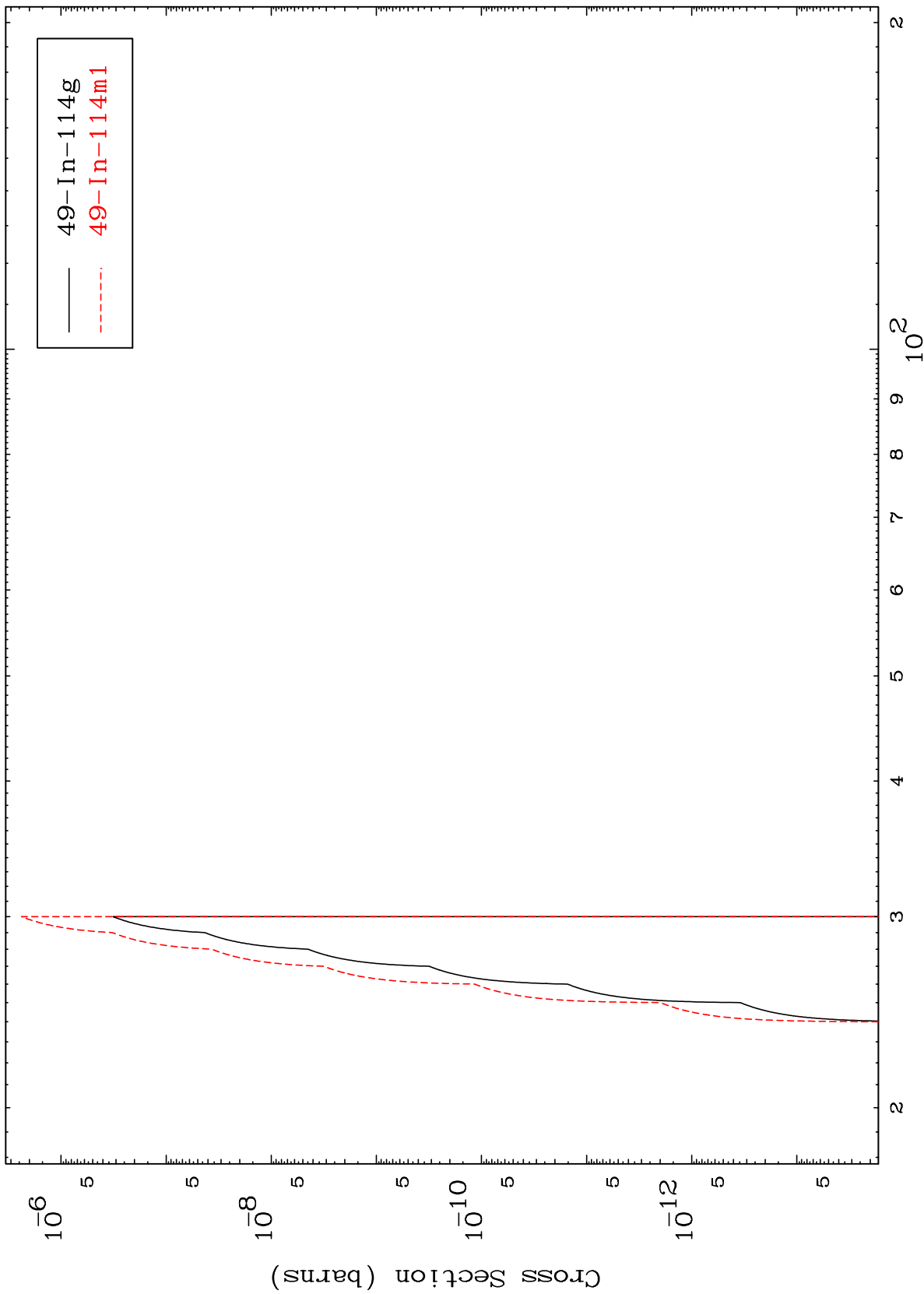


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(n,3n) α

51-Sb-120

Radionuclide Production Cross Section

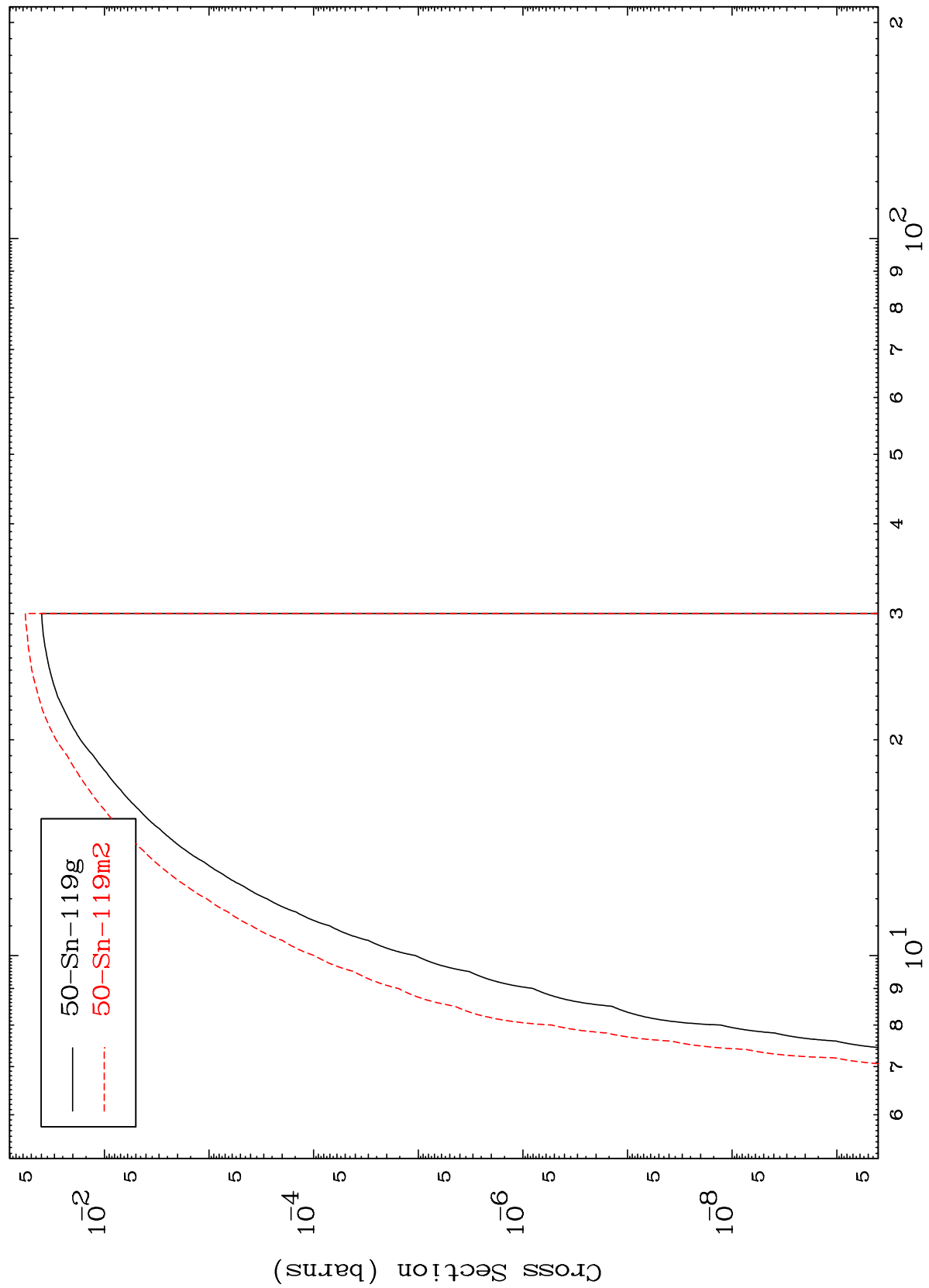


24

Incident Energy (MeV)

51-Sb-120

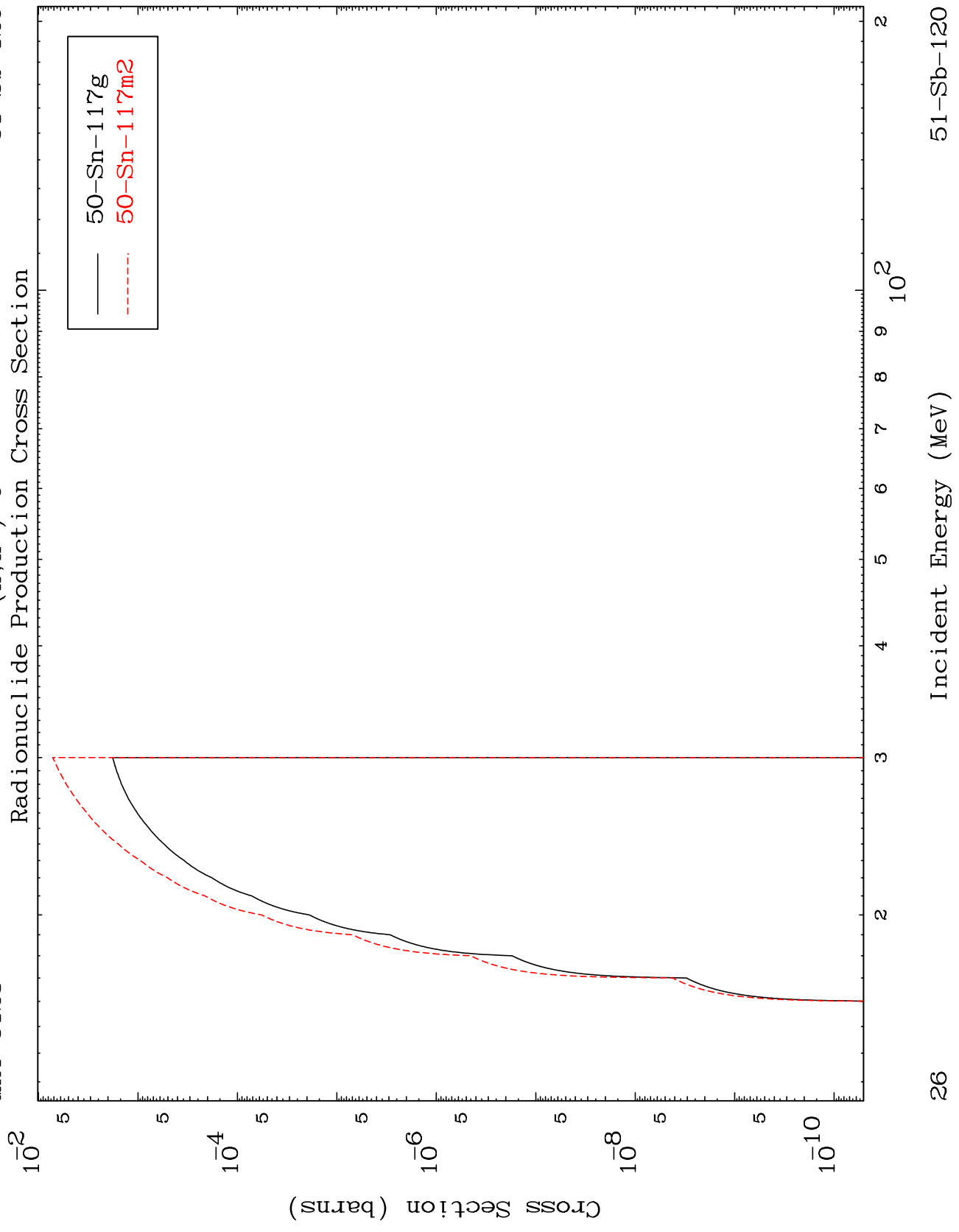
(n,n') p
Radionuclide Production Cross Section

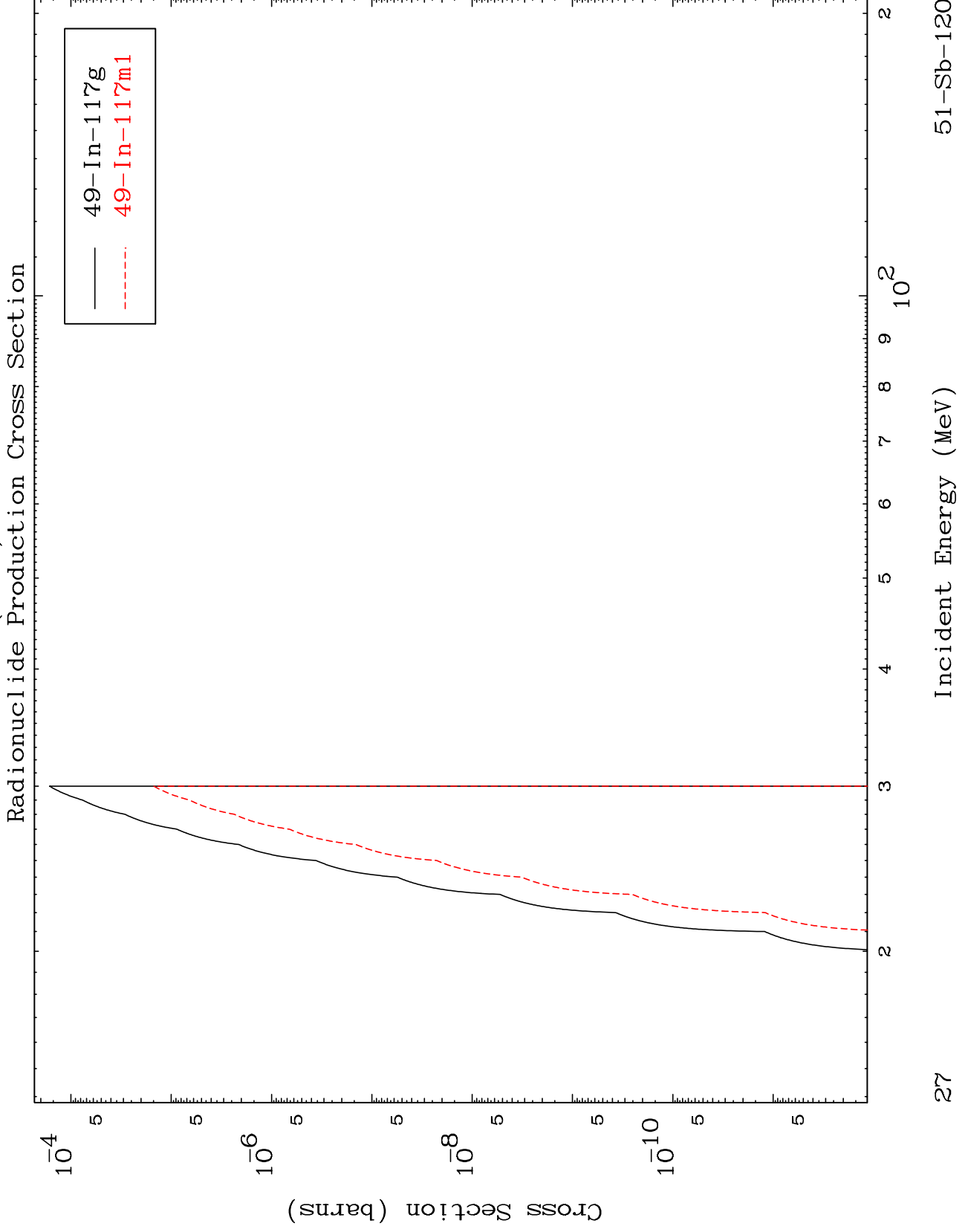


MAT 5123

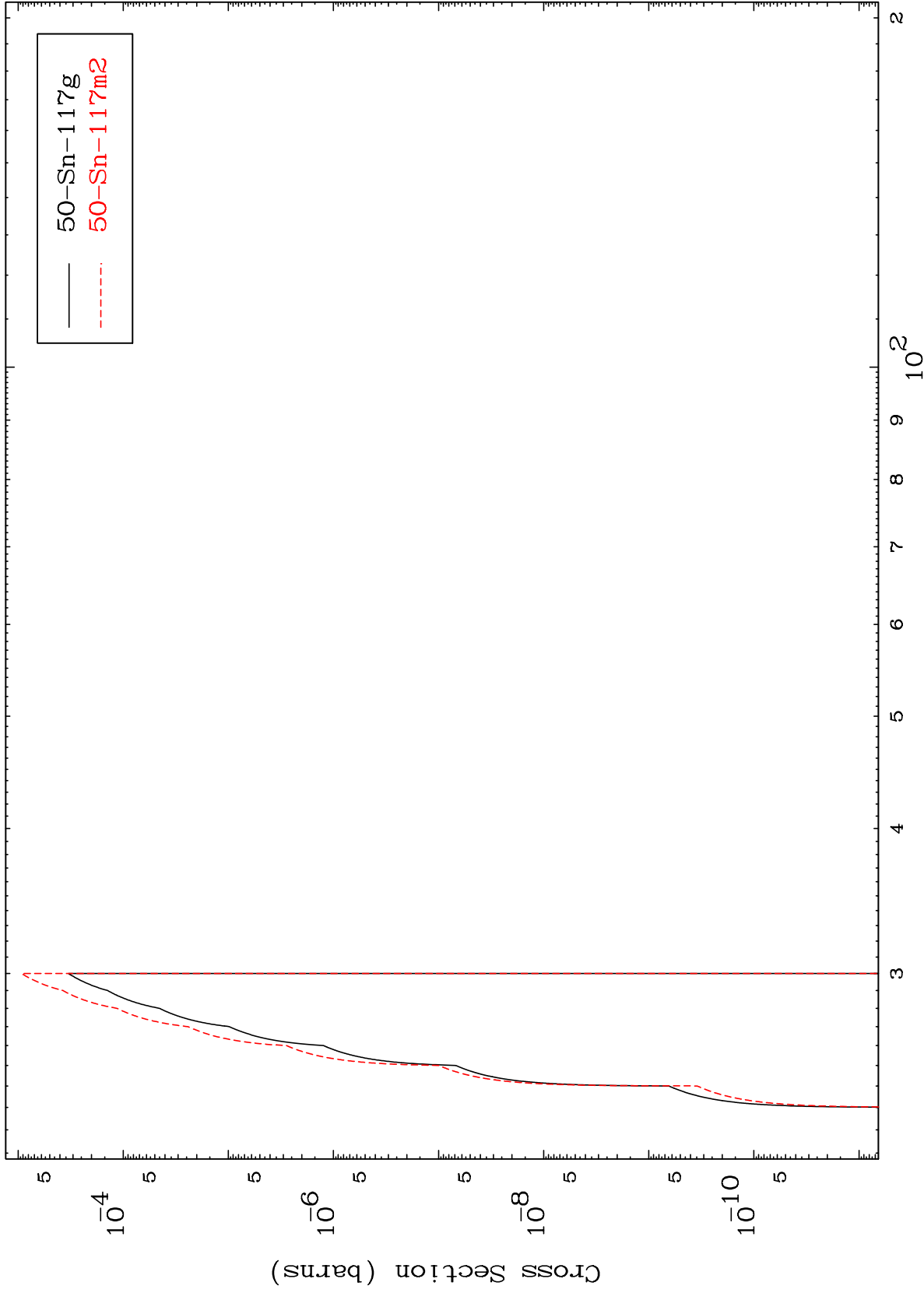
(n,n') t

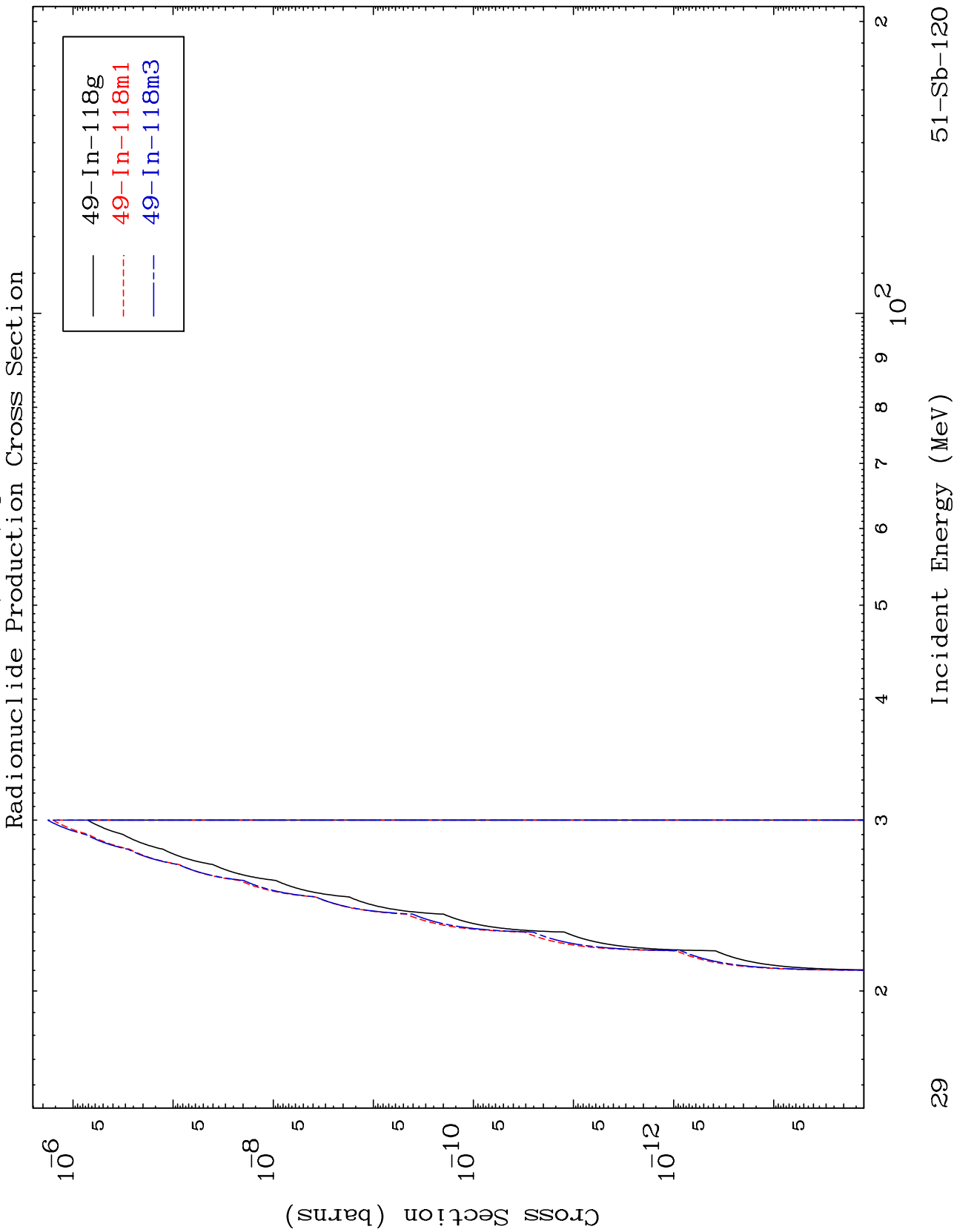
51-Sb-120





Radionuclide Production Cross Section



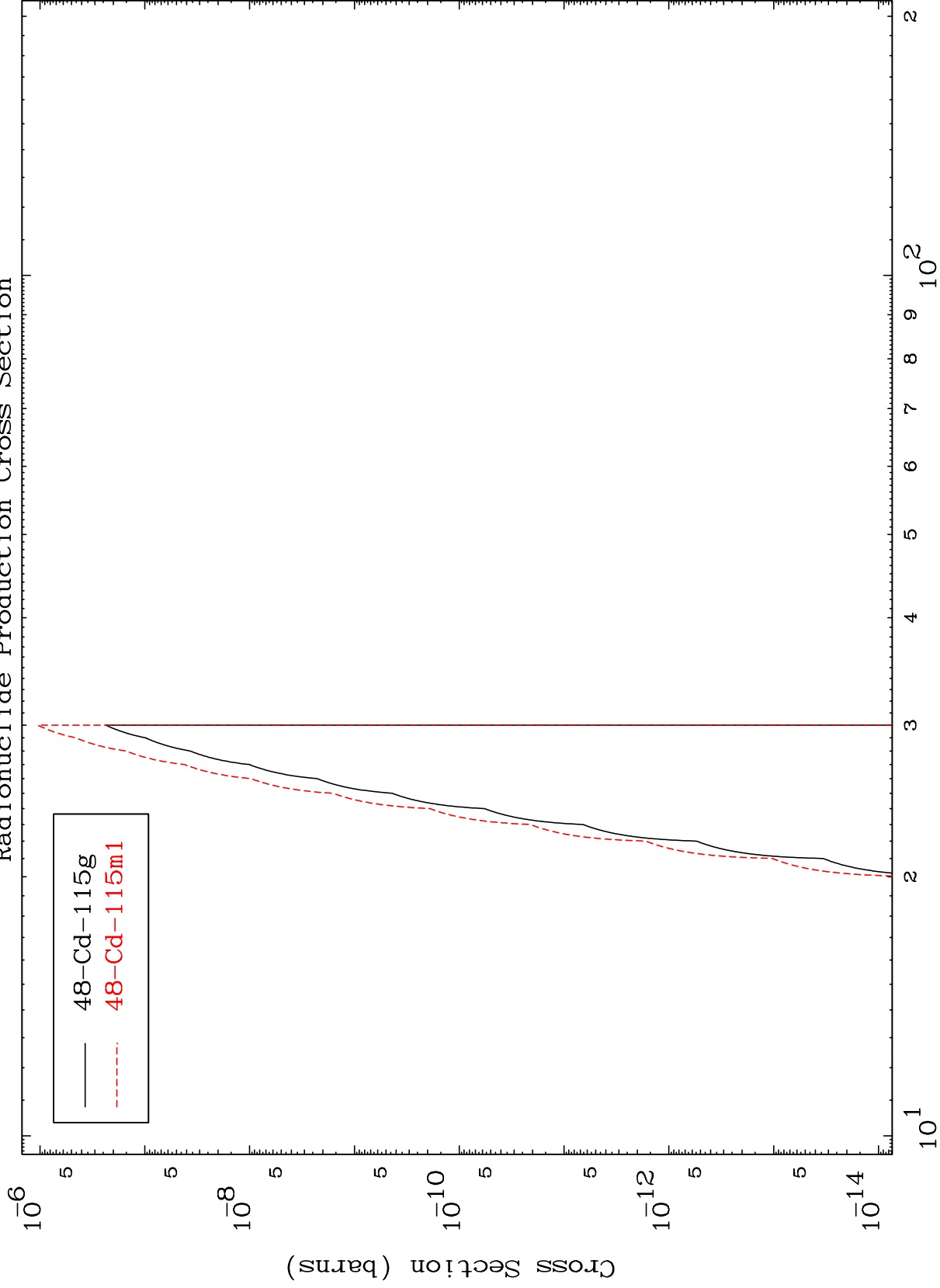


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(n,n') p α

51-Sb-120

Radionuclide Production Cross Section



Incident Energy (MeV)

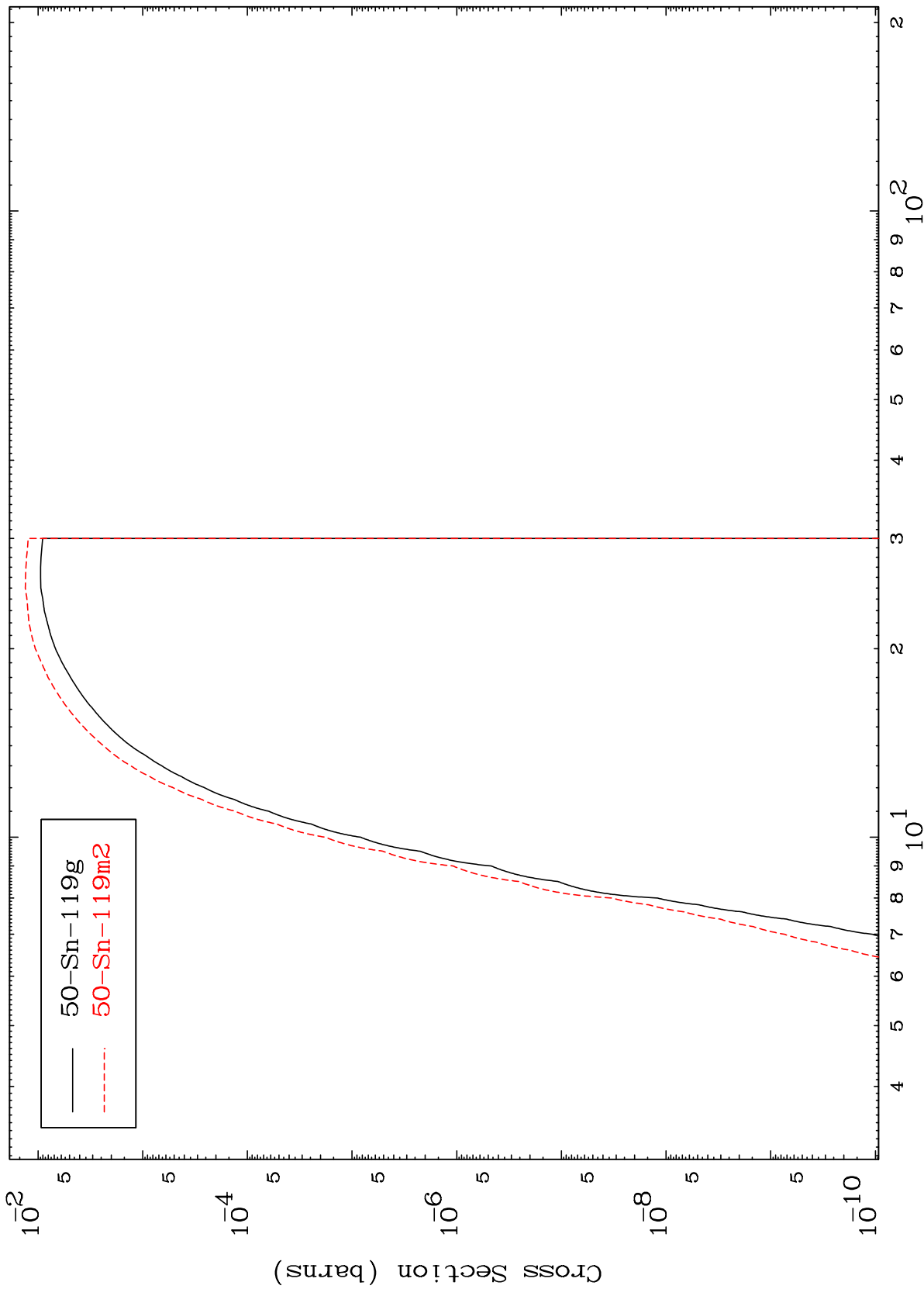
51-Sb-120

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51-Sb-120

(n,d)
Radionuclide Production Cross Section



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

51-Sb-120

Incident Energy (MeV)

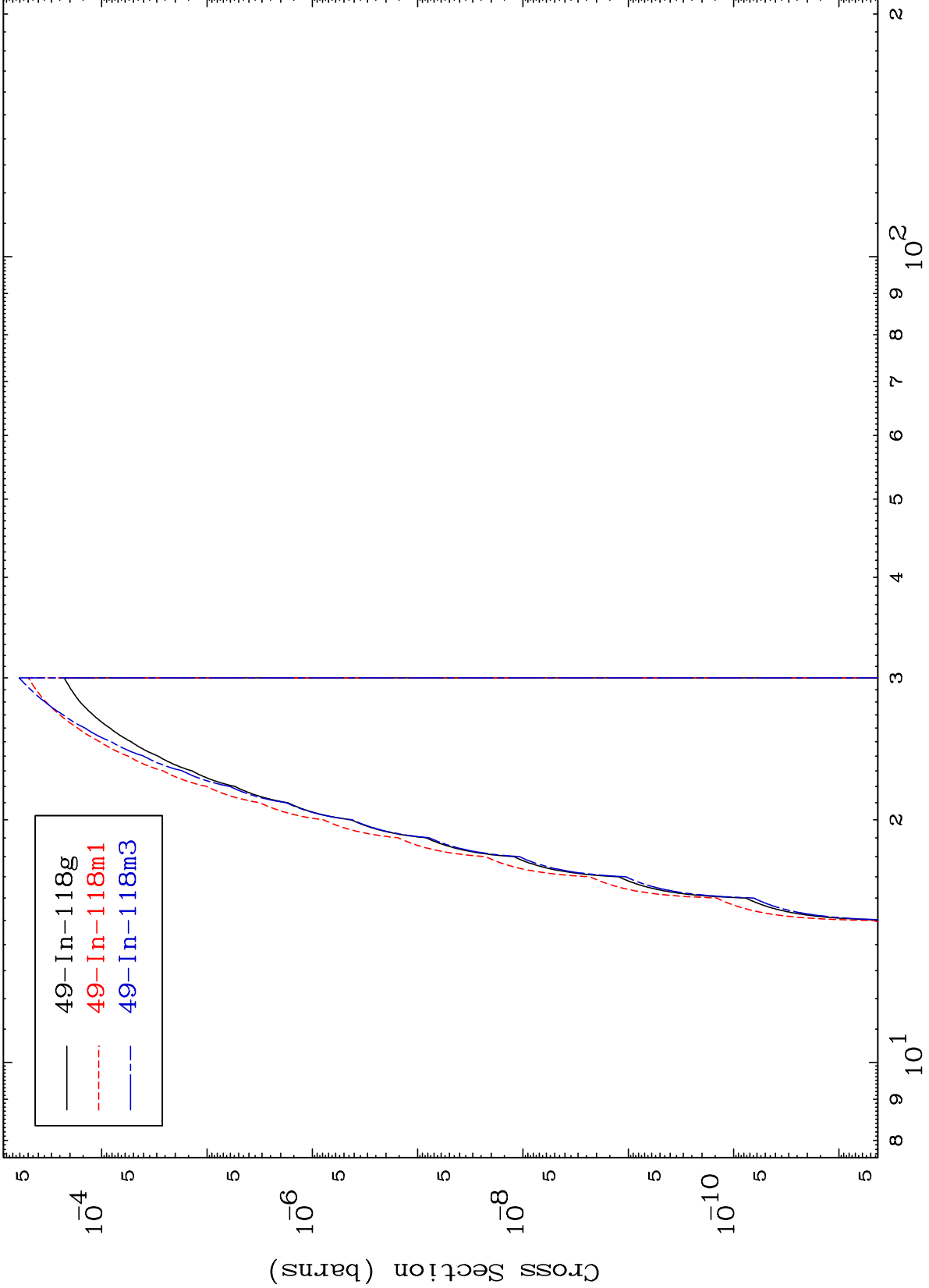
31

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(n,He-3)

51-Sb-120

Radionuclide Production Cross Section



32

Incident Energy (MeV)

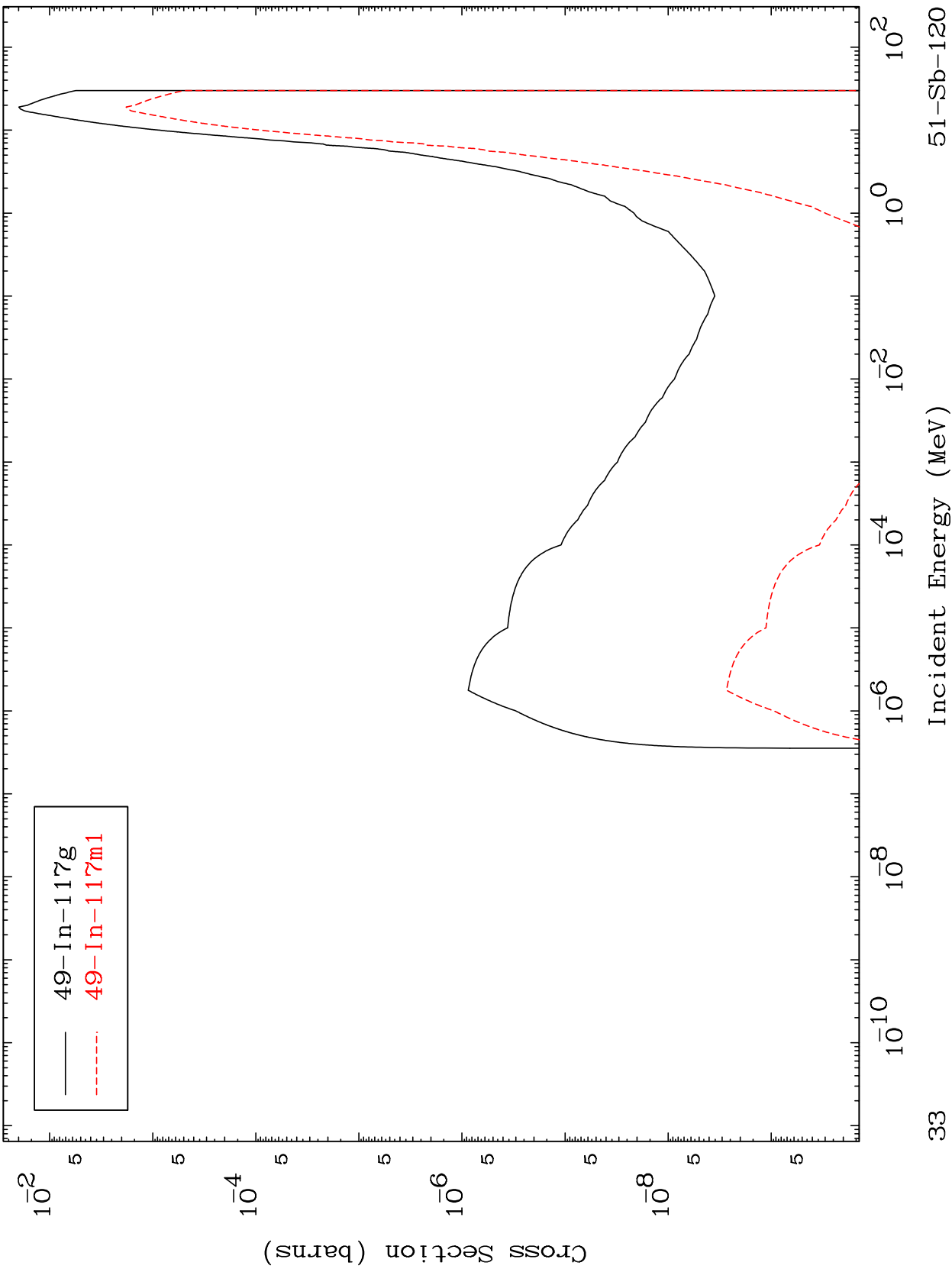
51-Sb-120

MAT 5123

(n, α)

51-Sb-120

Radionuclide Production Cross Section

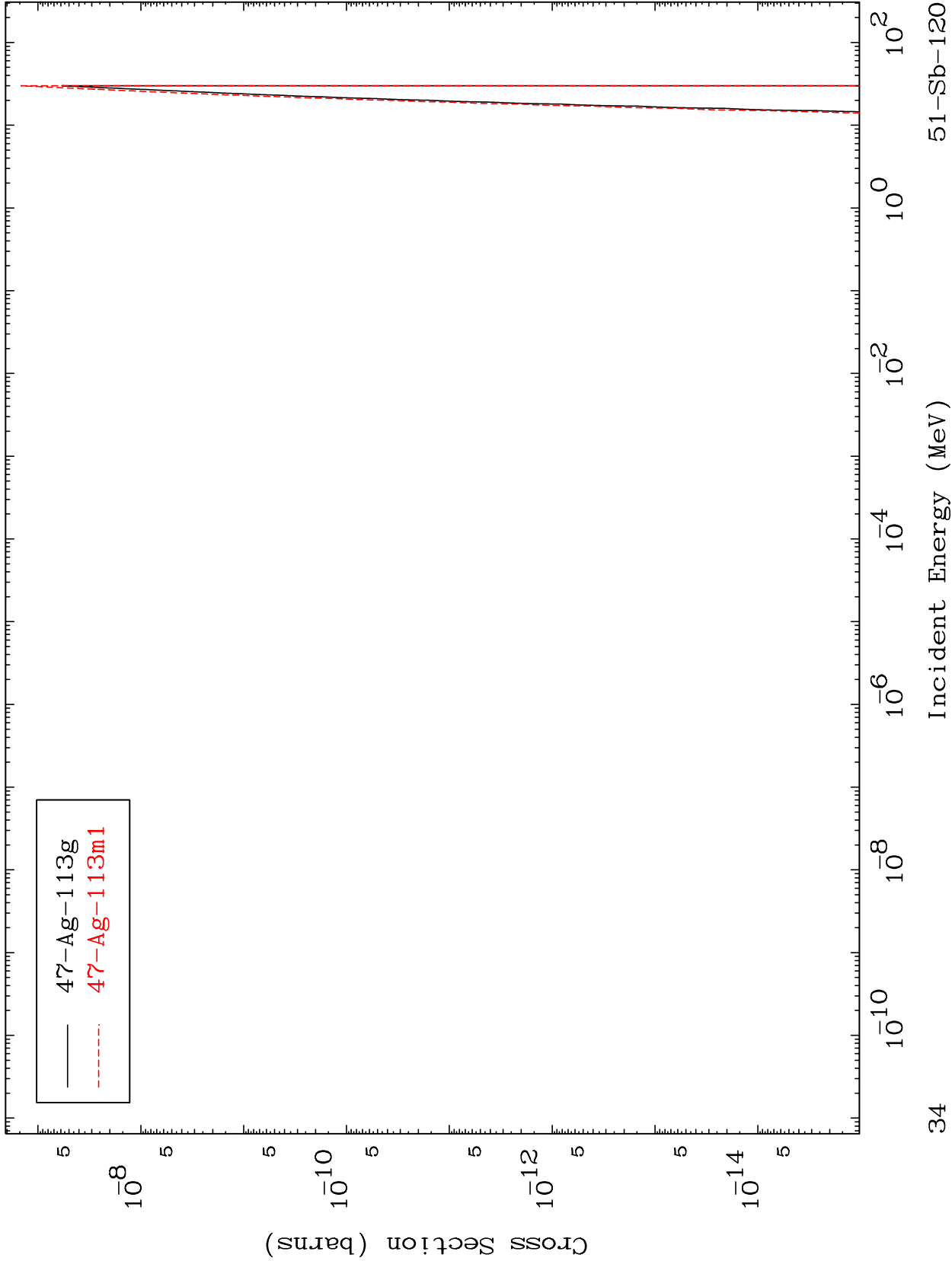


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(n,2α)

51-Sb-120

Radionuclide Production Cross Section

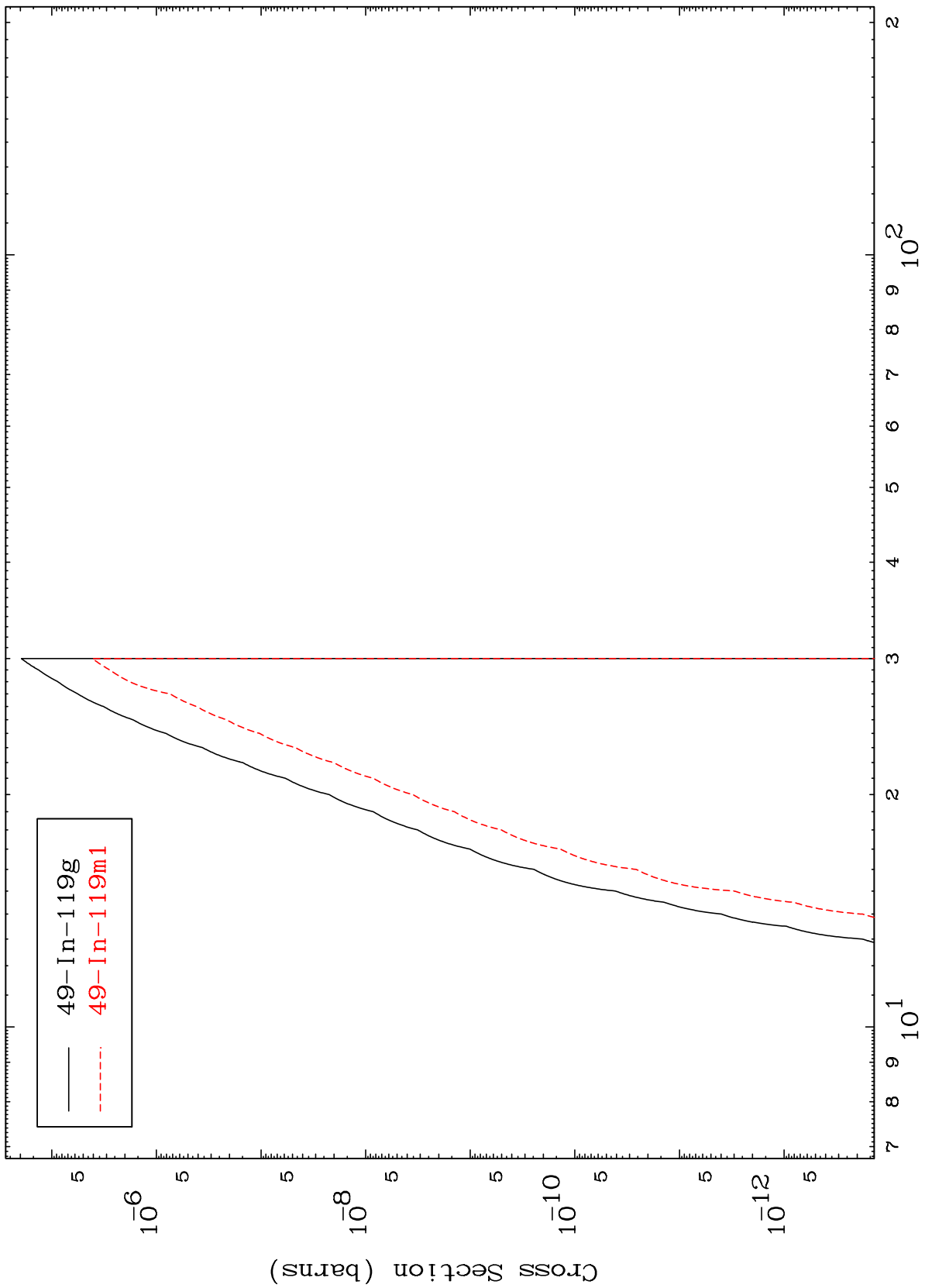


— 47-Ag-113g
- - - 47-Ag-113m1

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51-Sb-120

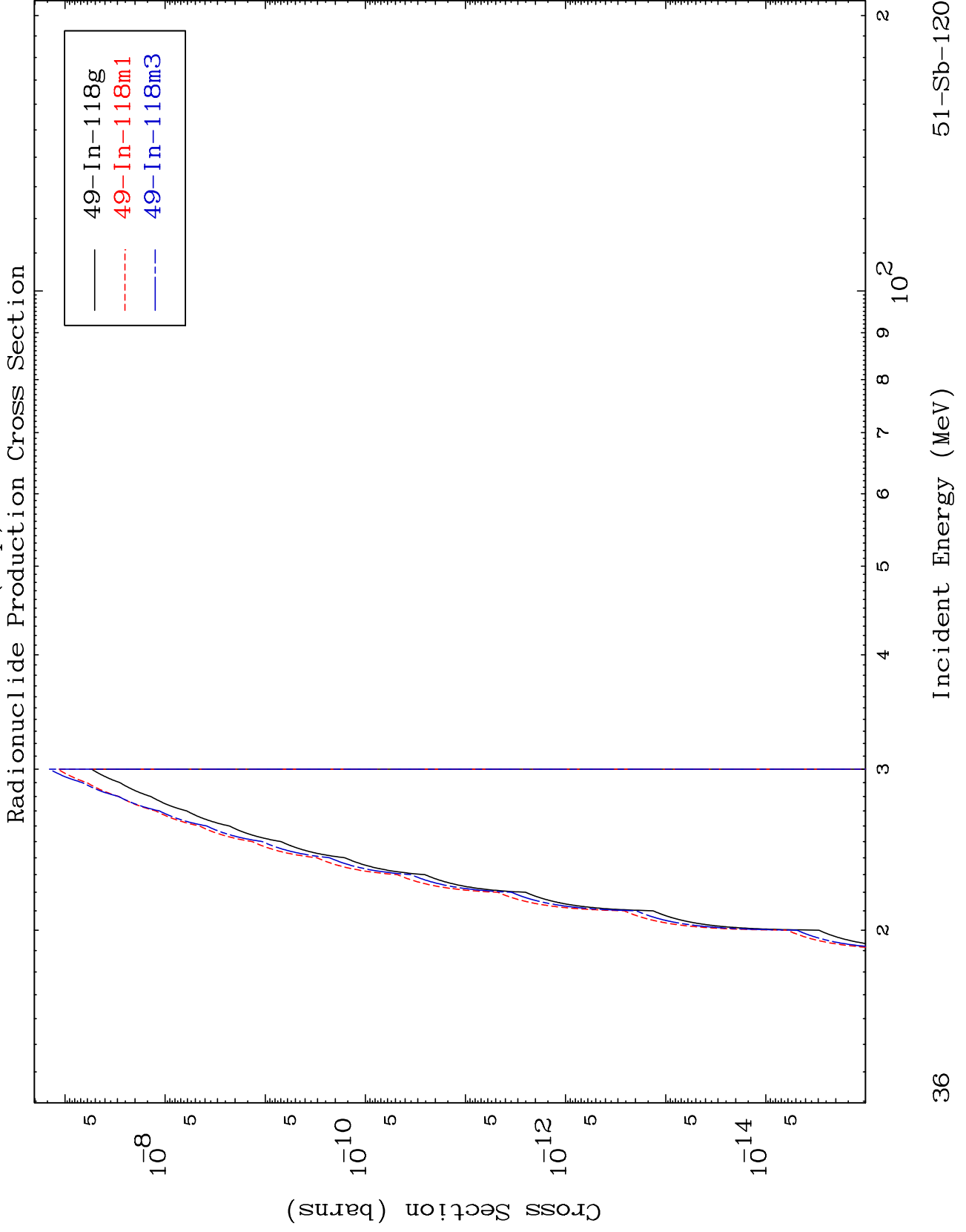
(n,2p)
Radionuclide Production Cross Section



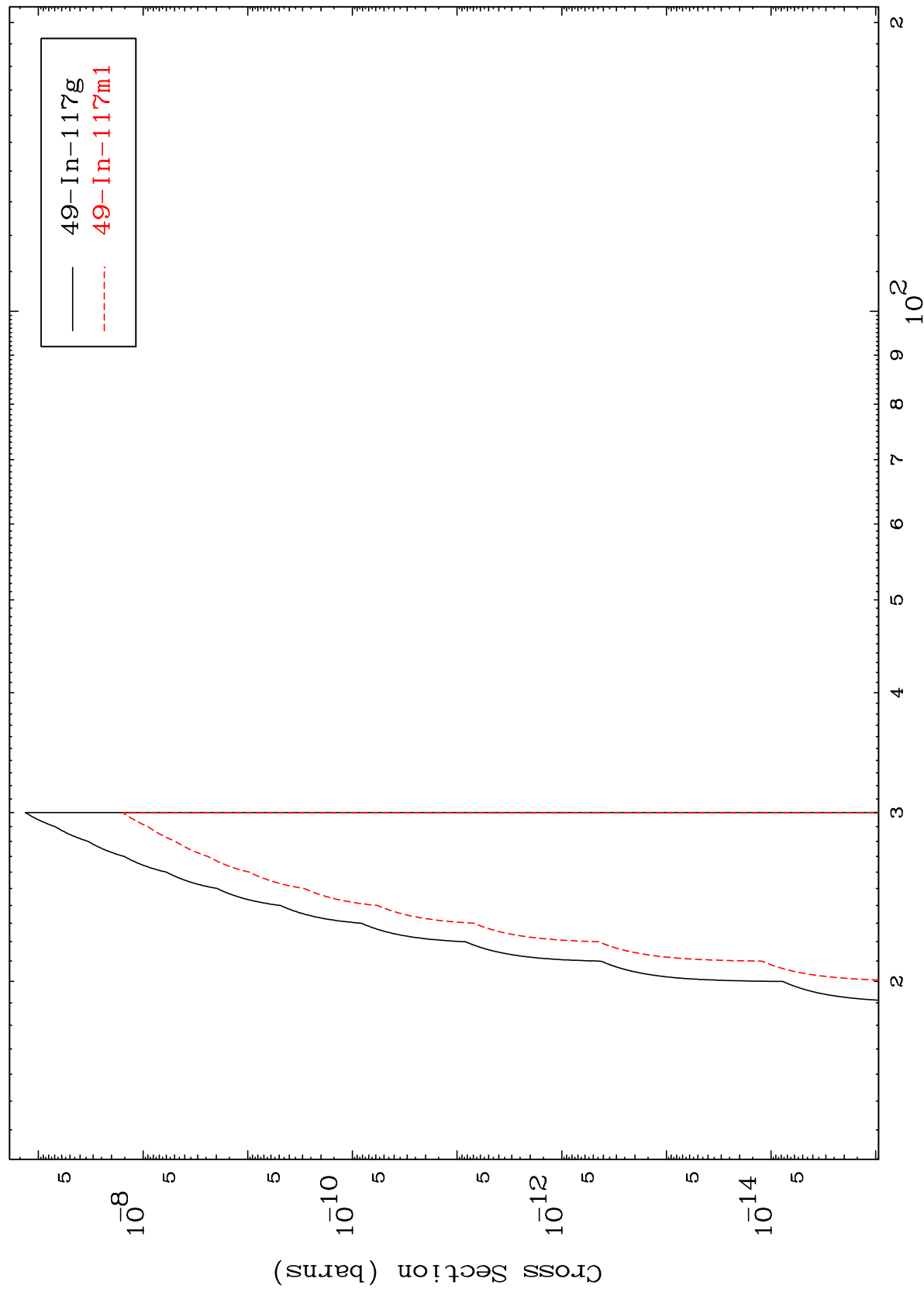
35

Incident Energy (MeV)

51-Sb-120



Radionuclide Production Cross Section

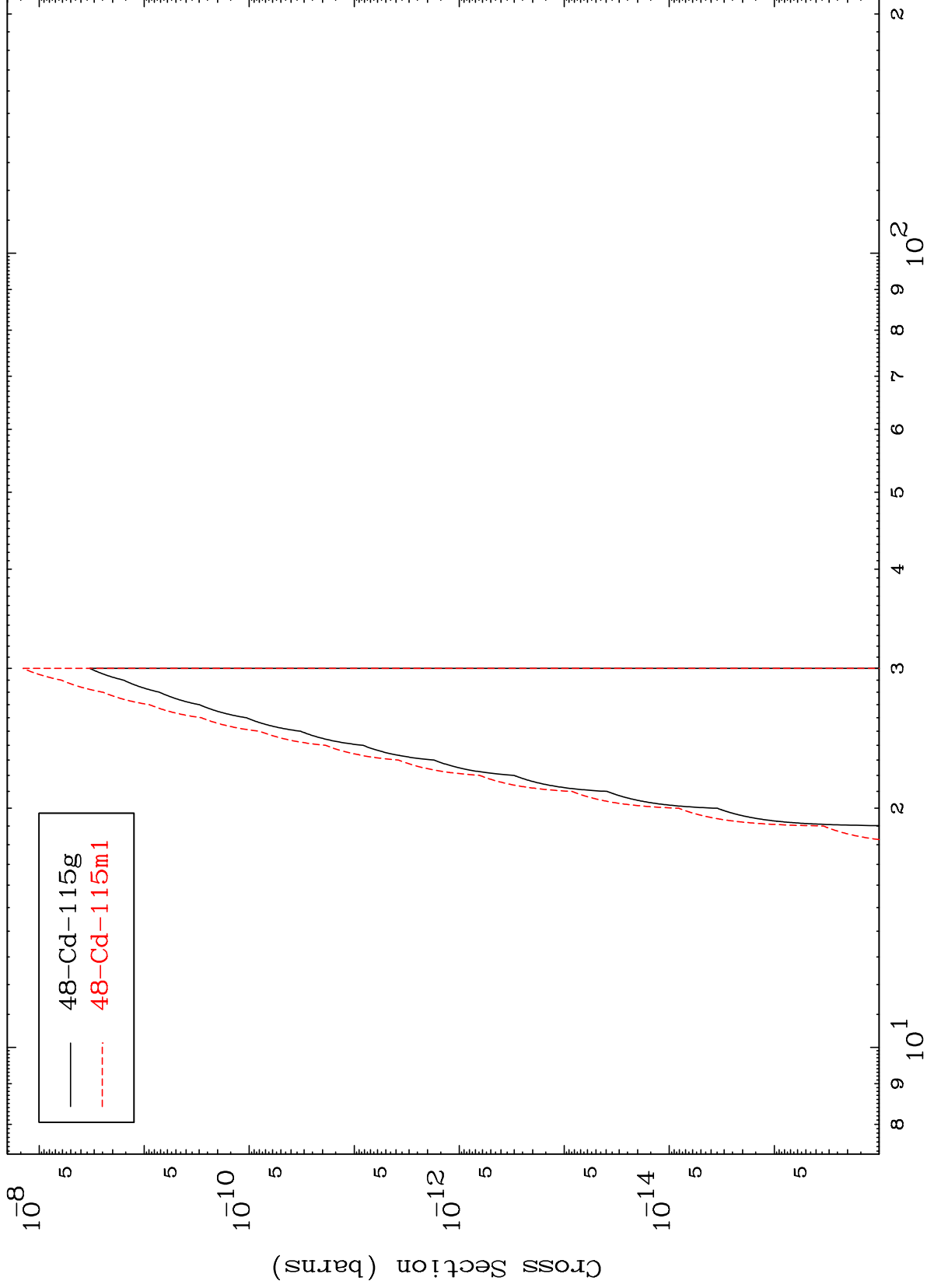


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(n,d) α

51-Sb-120

Radionuclide Production Cross Section



38

Incident Energy (MeV)

51-Sb-120