

Program EVALPLOT  
(Version 2021-1)

by

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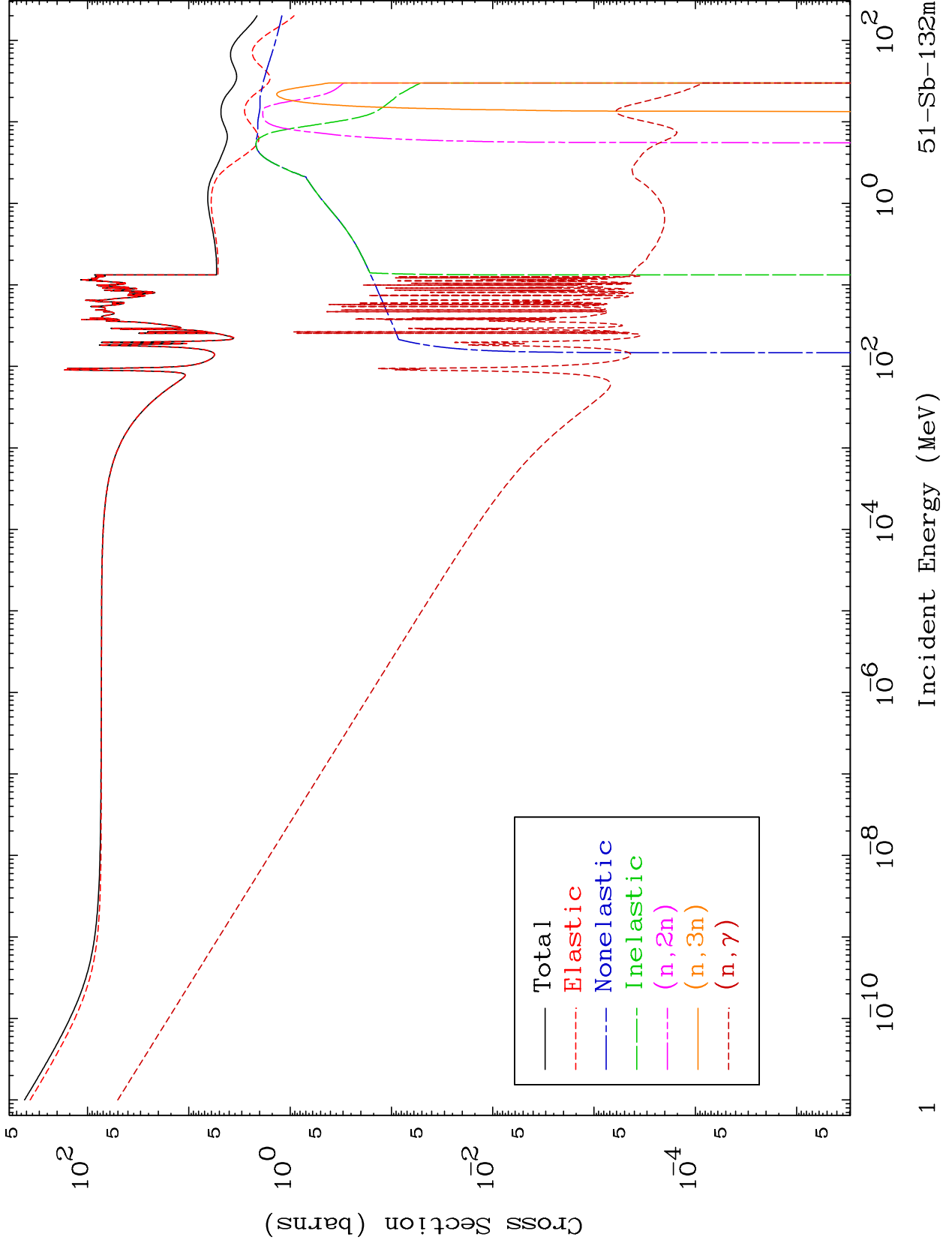
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5159

Neutron Major  
293 Kelvin Cross Sections

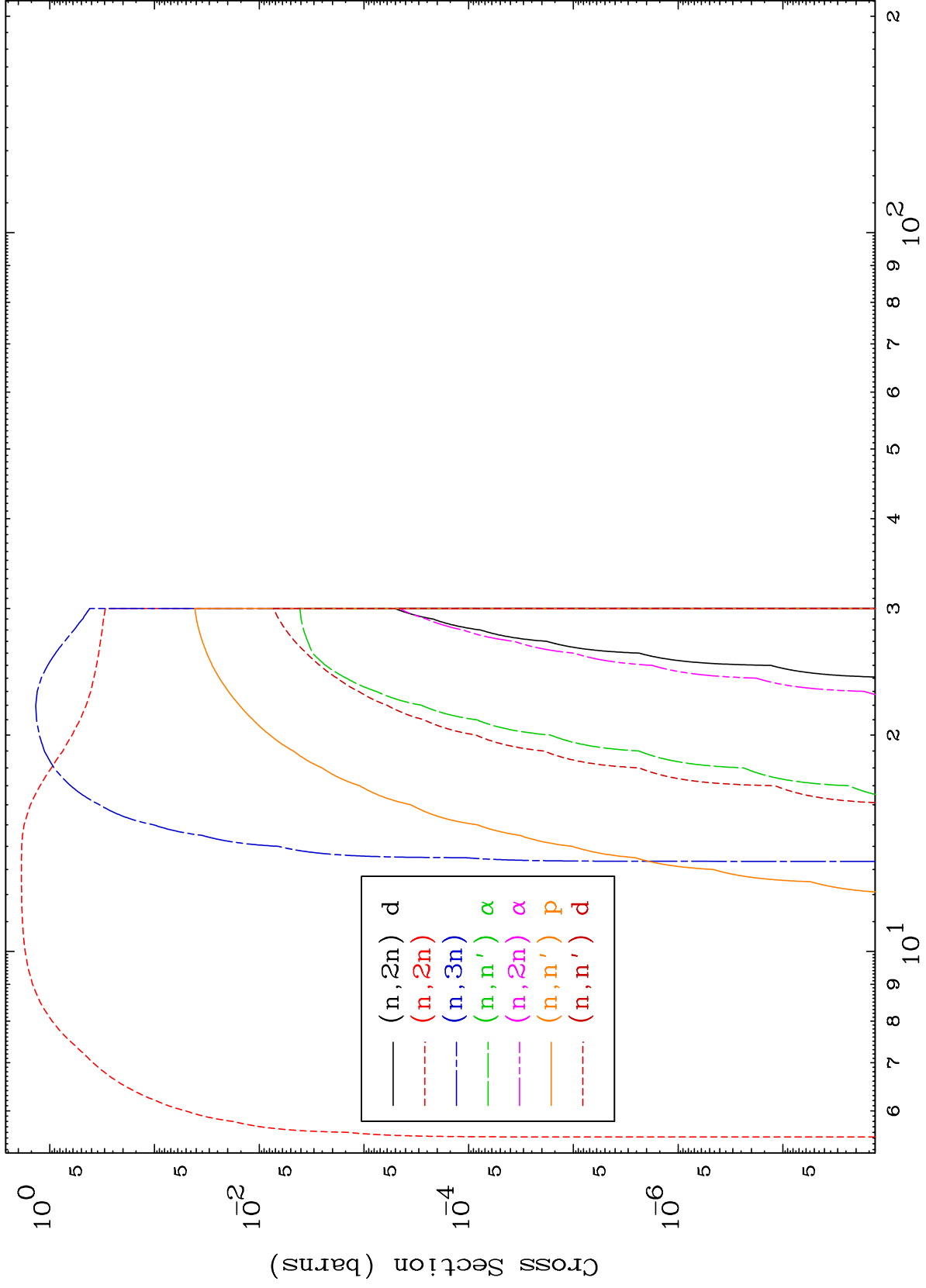
51-Sb-132m



MAT 5159

Neutron Absorption  
293 Kelvin Cross Sections

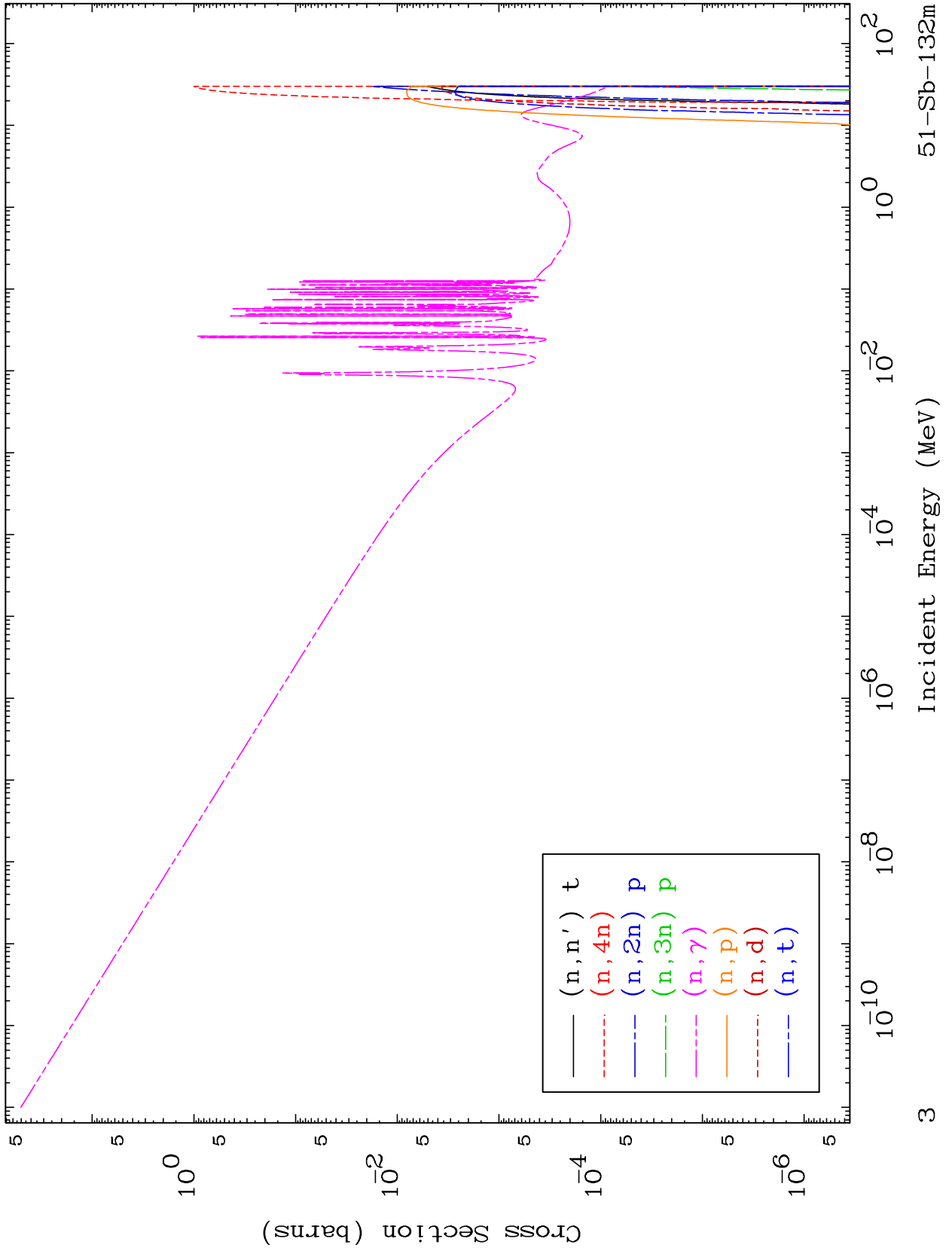
51-Sb-132m



MAT 5159

Neutron Absorption  
293 Kelvin Cross Sections

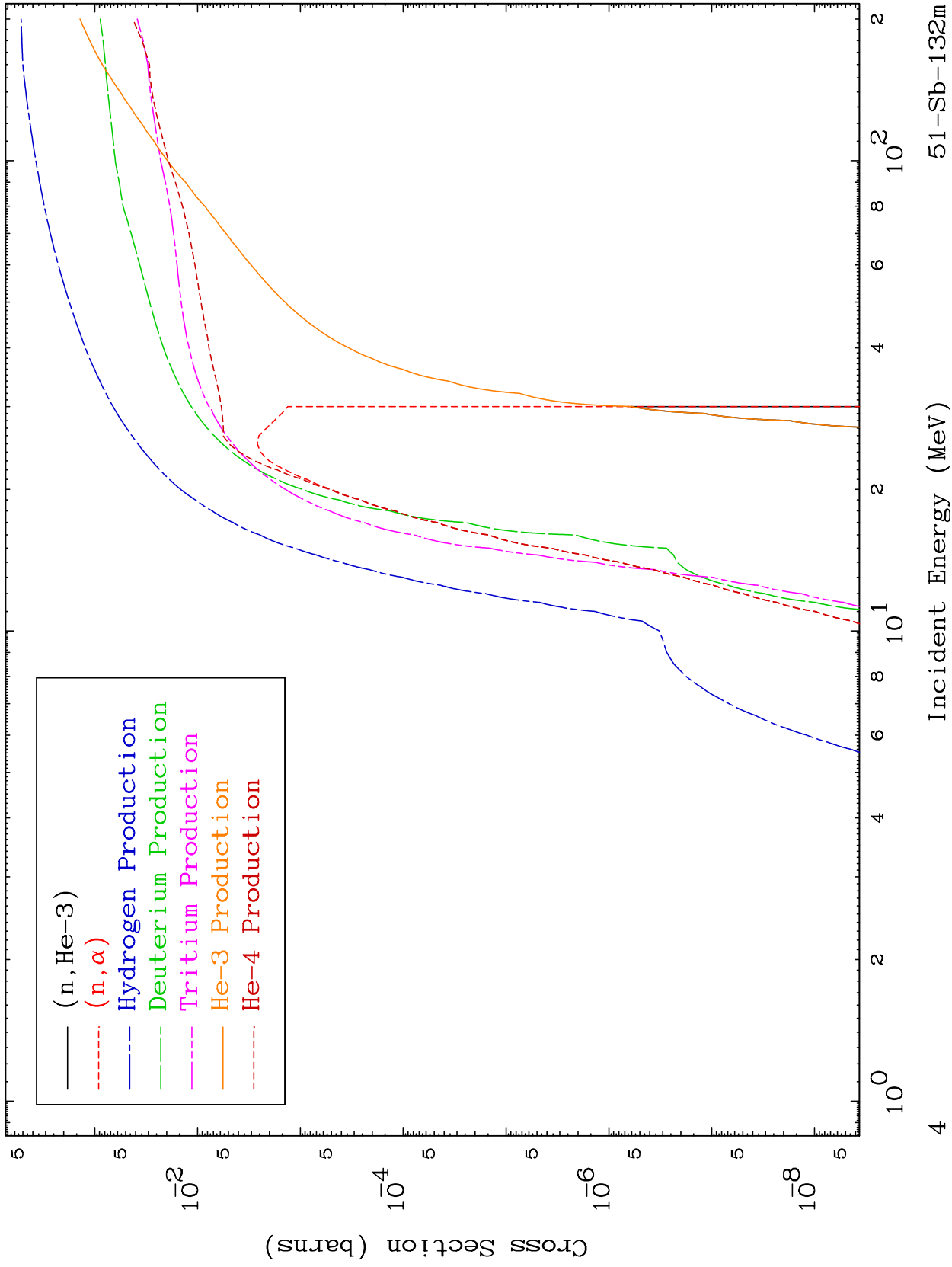
51-Sb-132m



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Neutron Absorption  
293 Kelvin Cross Sections

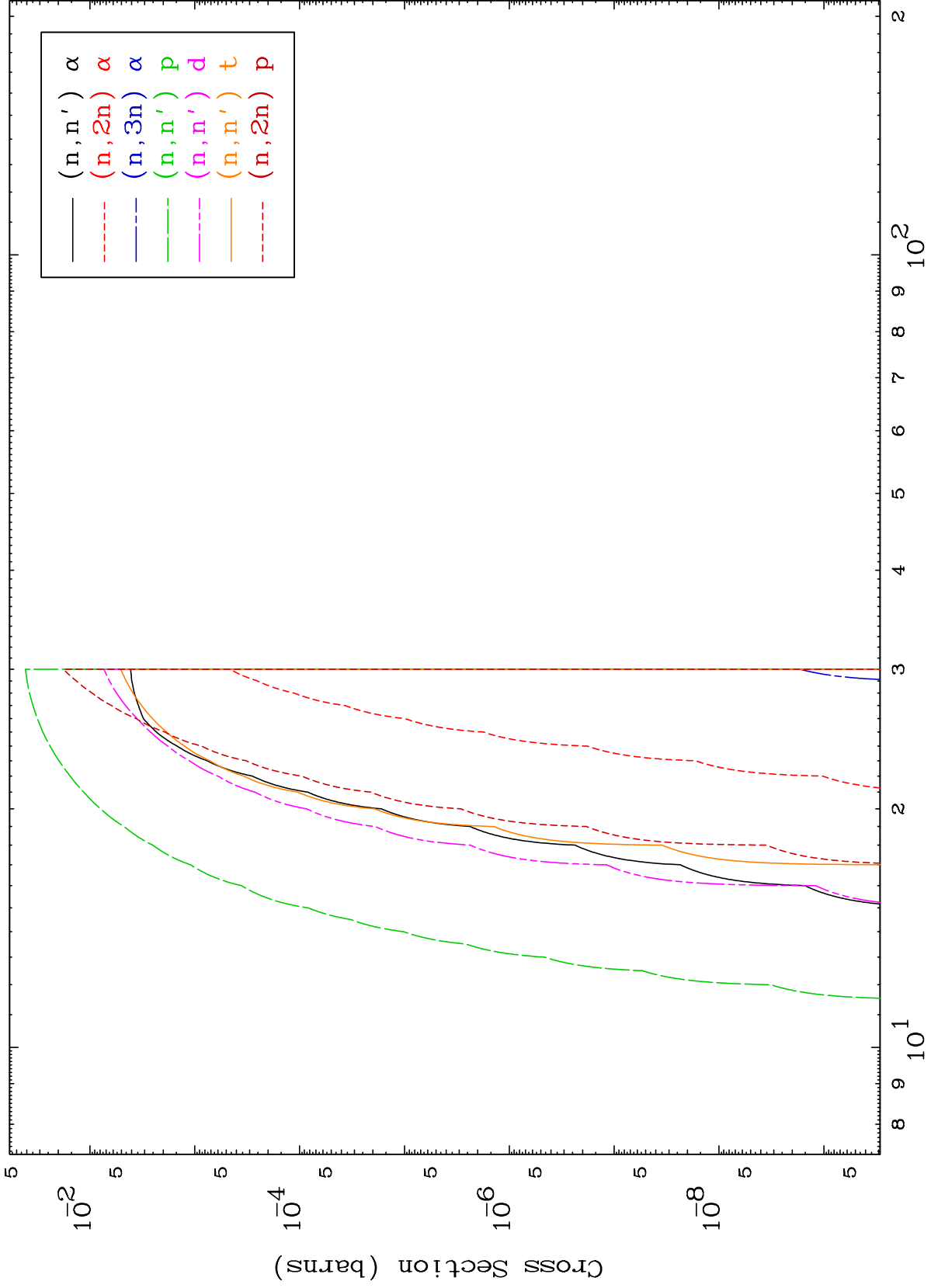
51-Sb-132m



51-Sb-132m

Incident Energy (MeV)

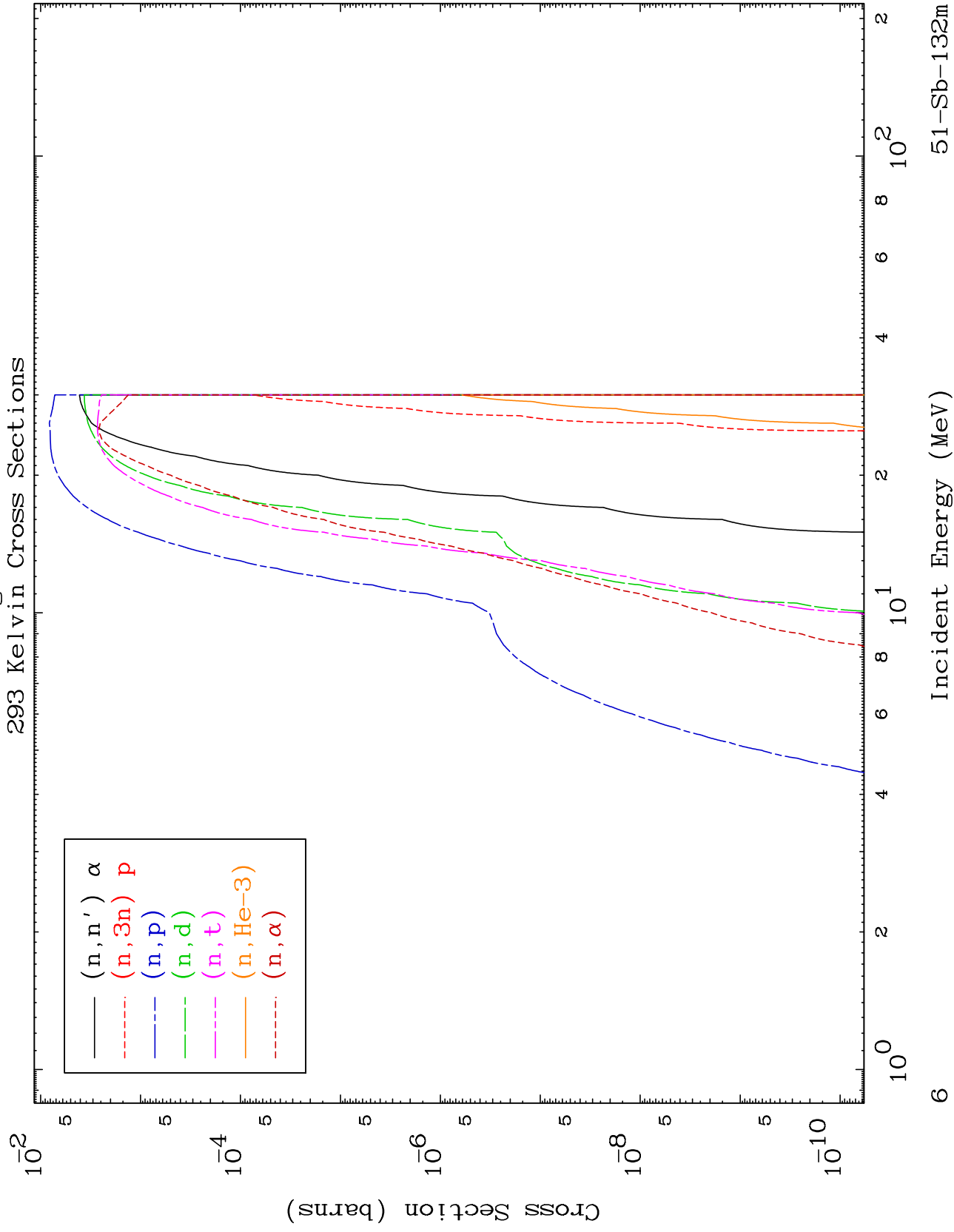
4



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Charged Particle  
293 Kelvin Cross Sections

51-Sb-132m



51-Sb-132m

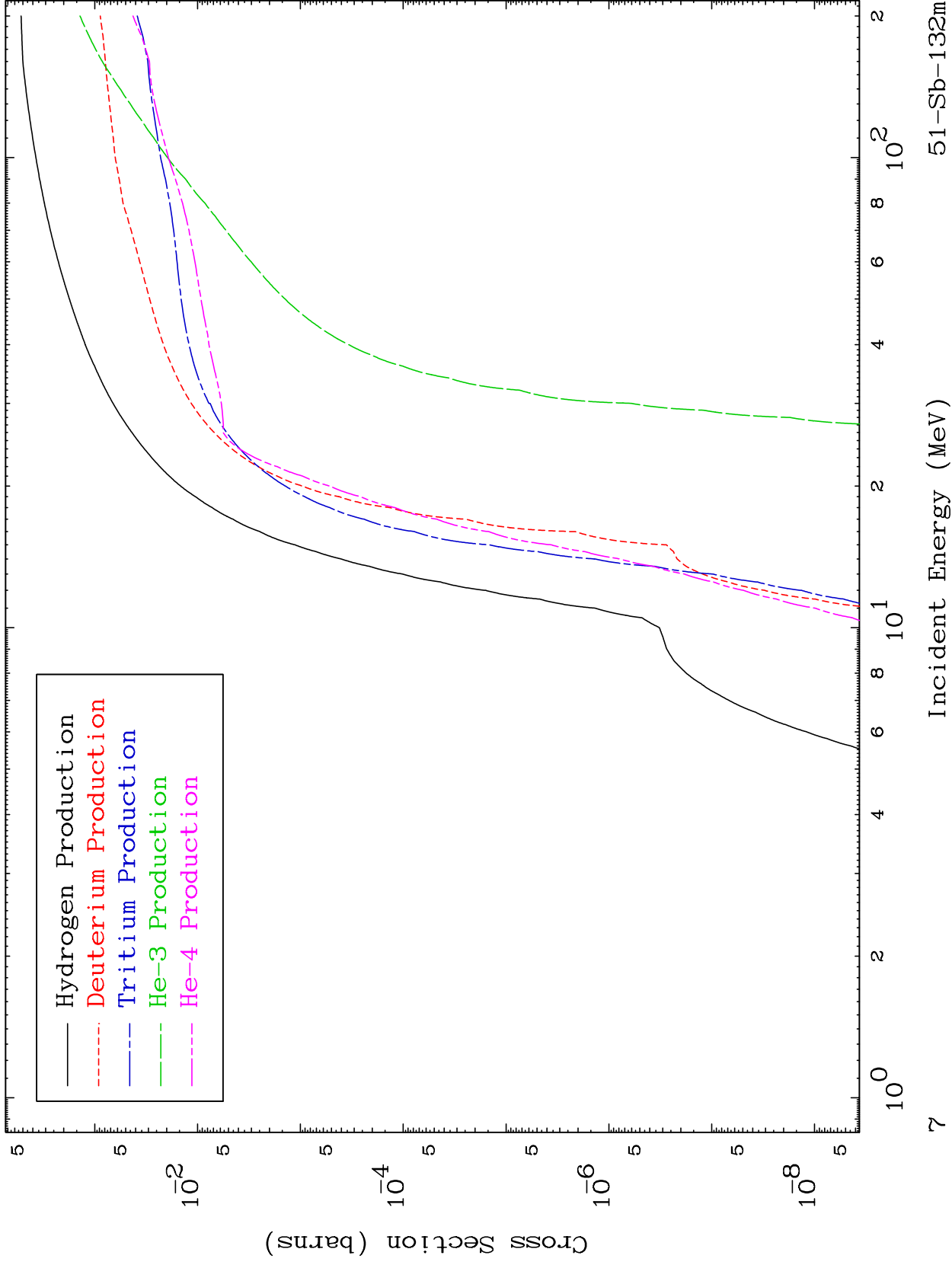
Incident Energy (MeV)

6

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Particle Production  
293 Kelvin Cross Sections

51-Sb-132m



51-Sb-132m

Incident Energy (MeV)

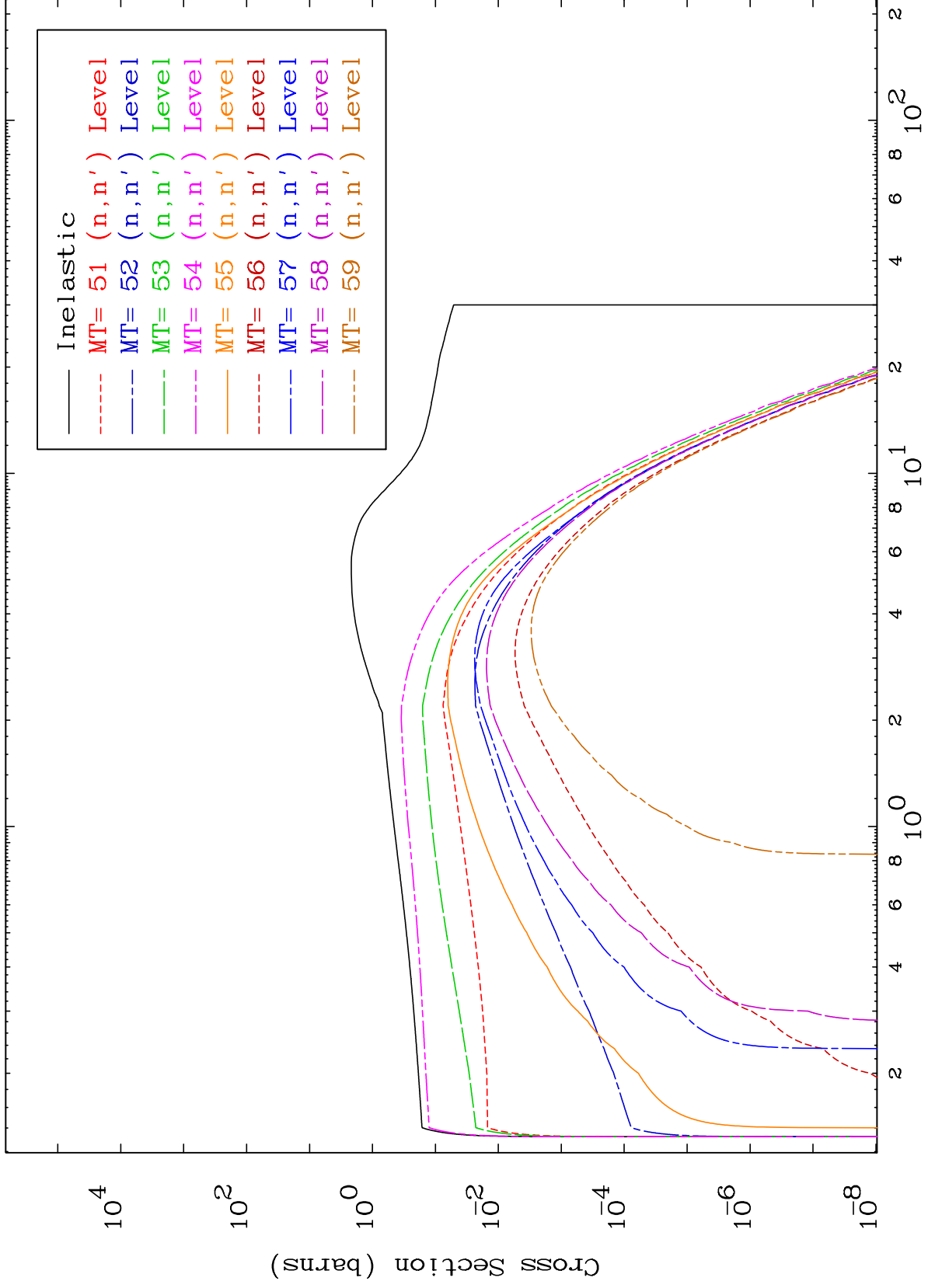
7



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(n,n') Levels  
293 Kelvin Cross Sections

51-Sb-132m

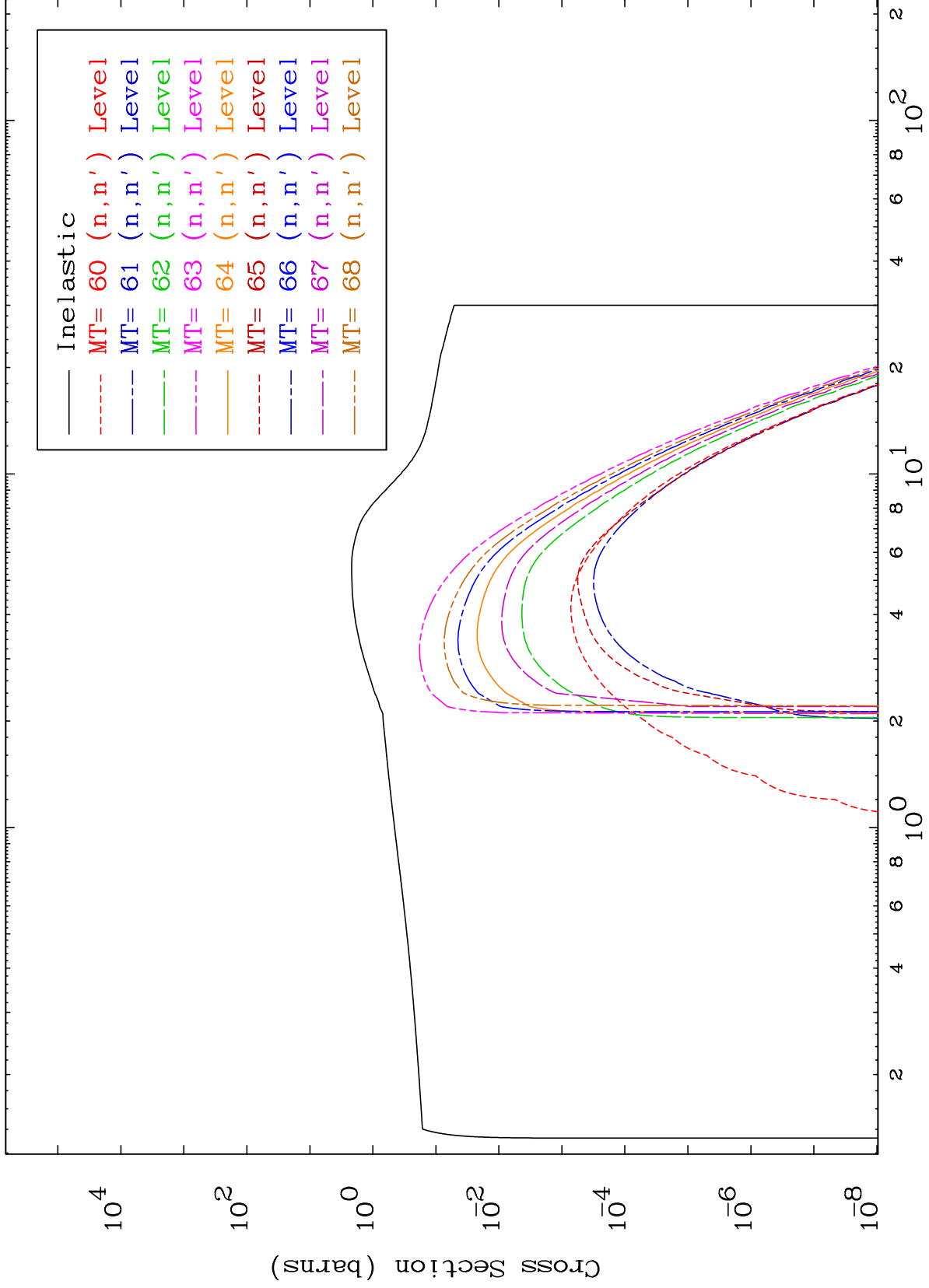


8

Incident Energy (MeV)

51-Sb-132m

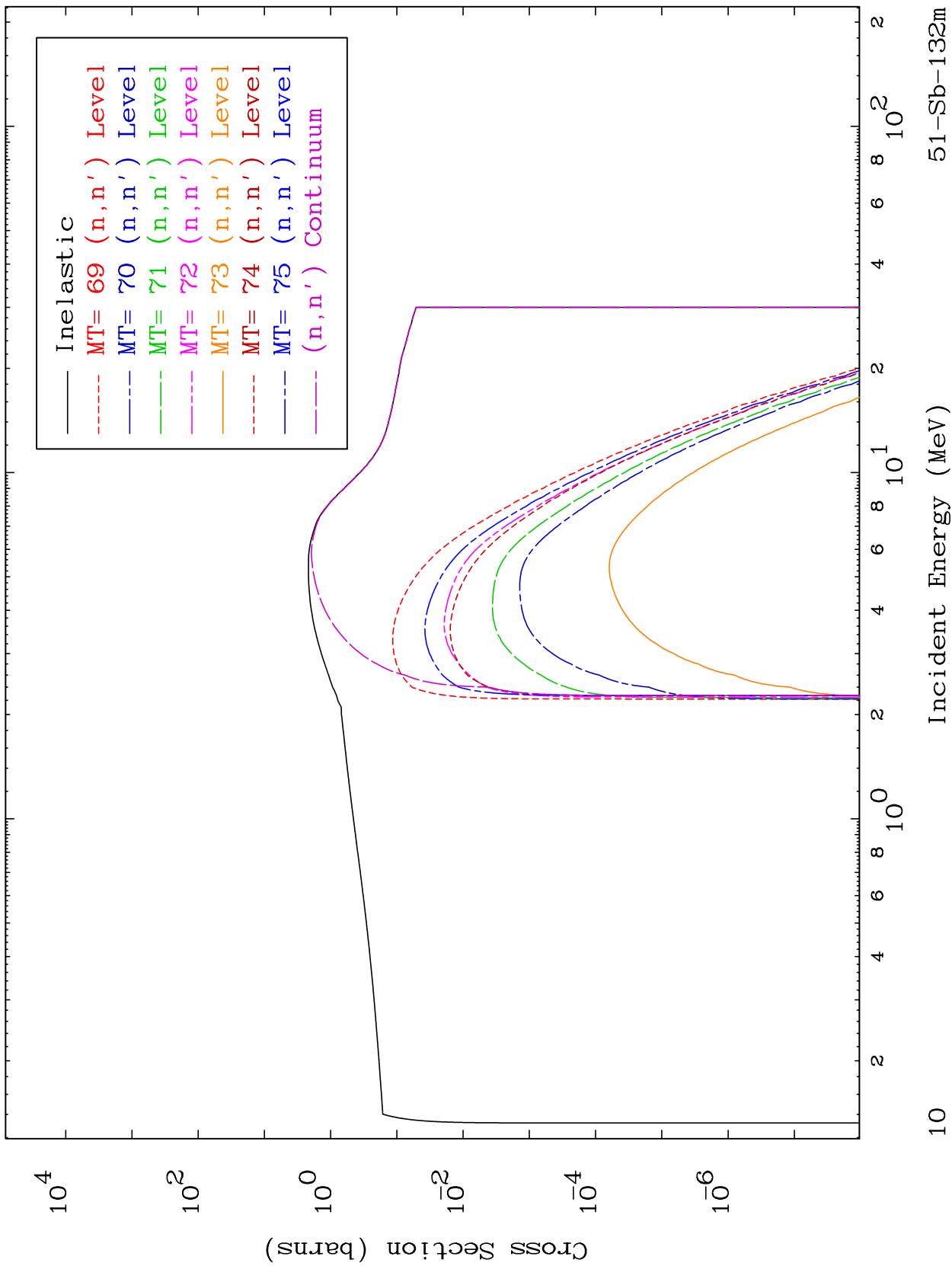
293 Kelvin Cross Sections



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(n,n') Levels  
293 Kelvin Cross Sections

51-Sb-132m



10

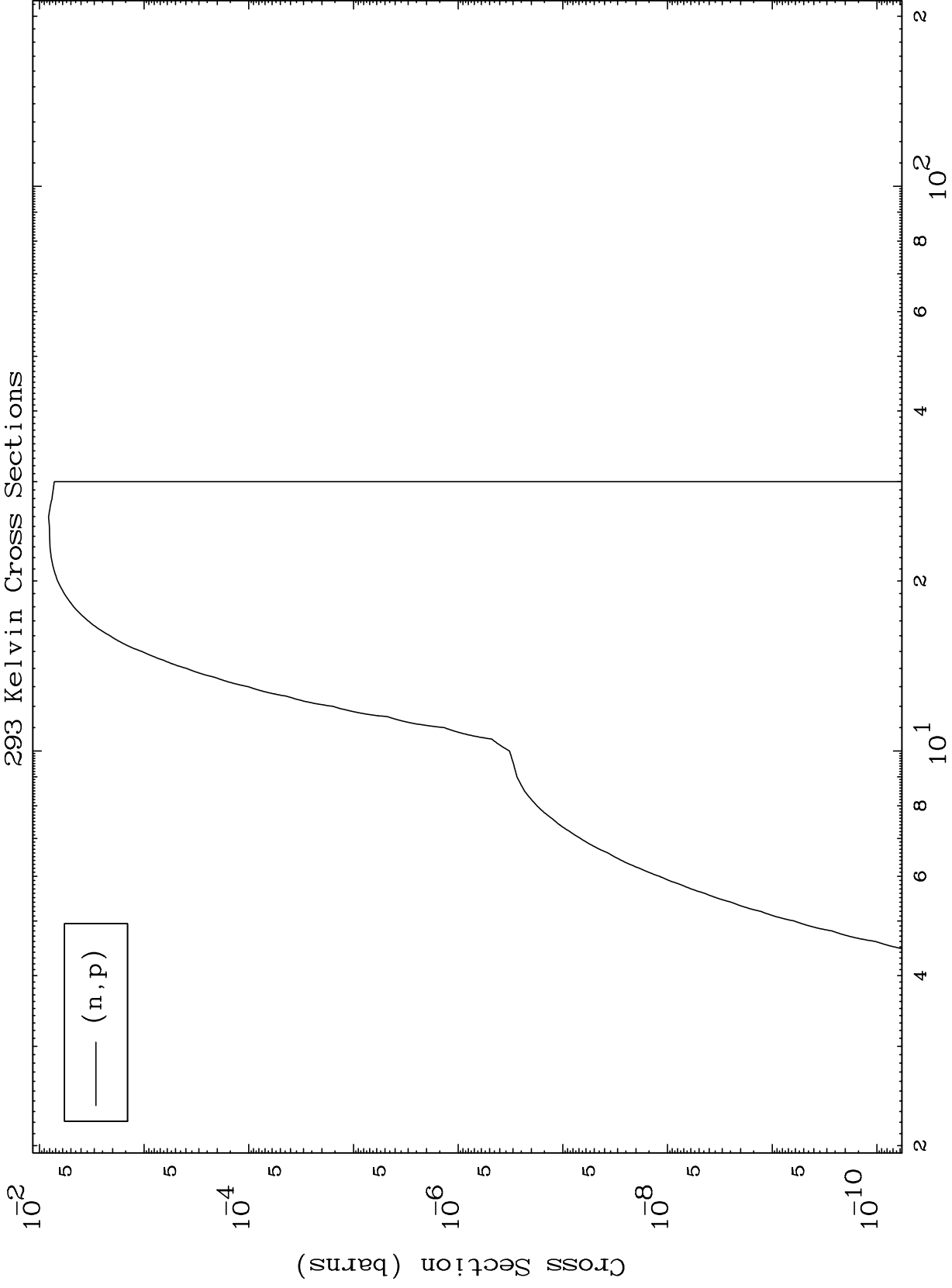
Incident Energy (MeV)

51-Sb-132m

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(n,p) Levels  
293 Kelvin Cross Sections

51-Sb-132m



11

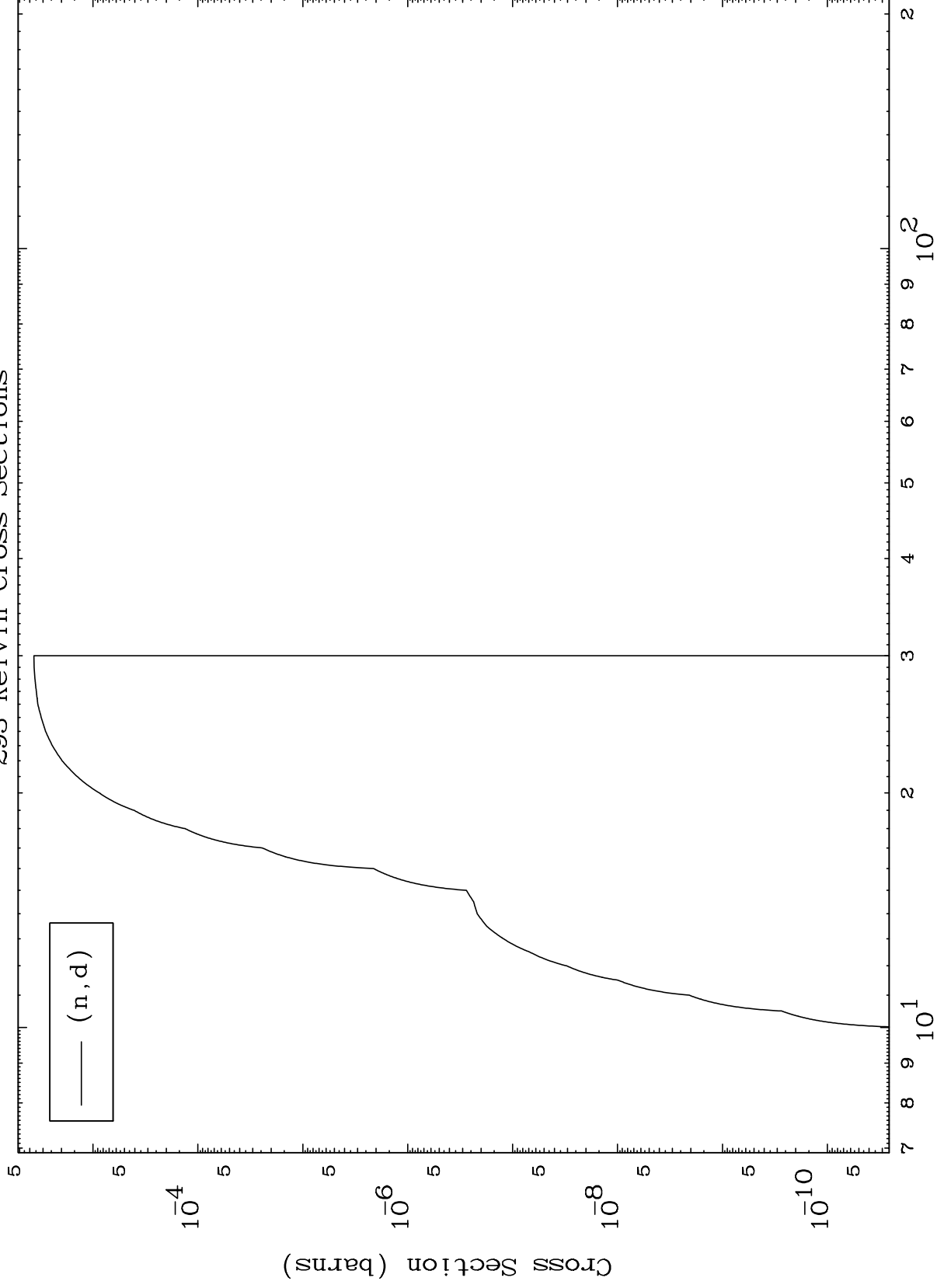
Incident Energy (MeV)

51-Sb-132m

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(n,d) Levels  
293 Kelvin Cross Sections

51-Sb-132m



12

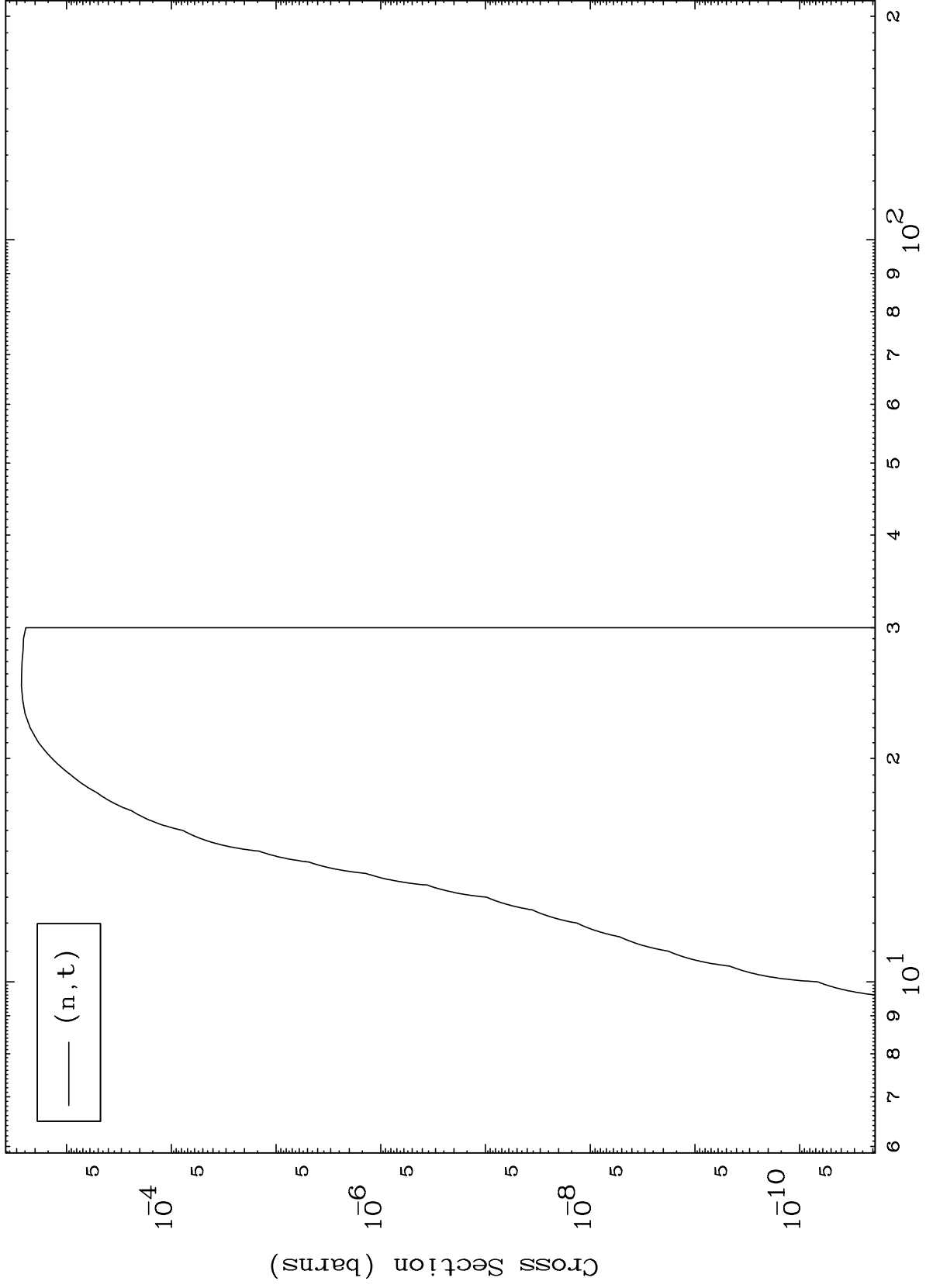
Incident Energy (MeV)

51-Sb-132m

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(n,t) Levels  
293 Kelvin Cross Sections

51-Sb-132m



13

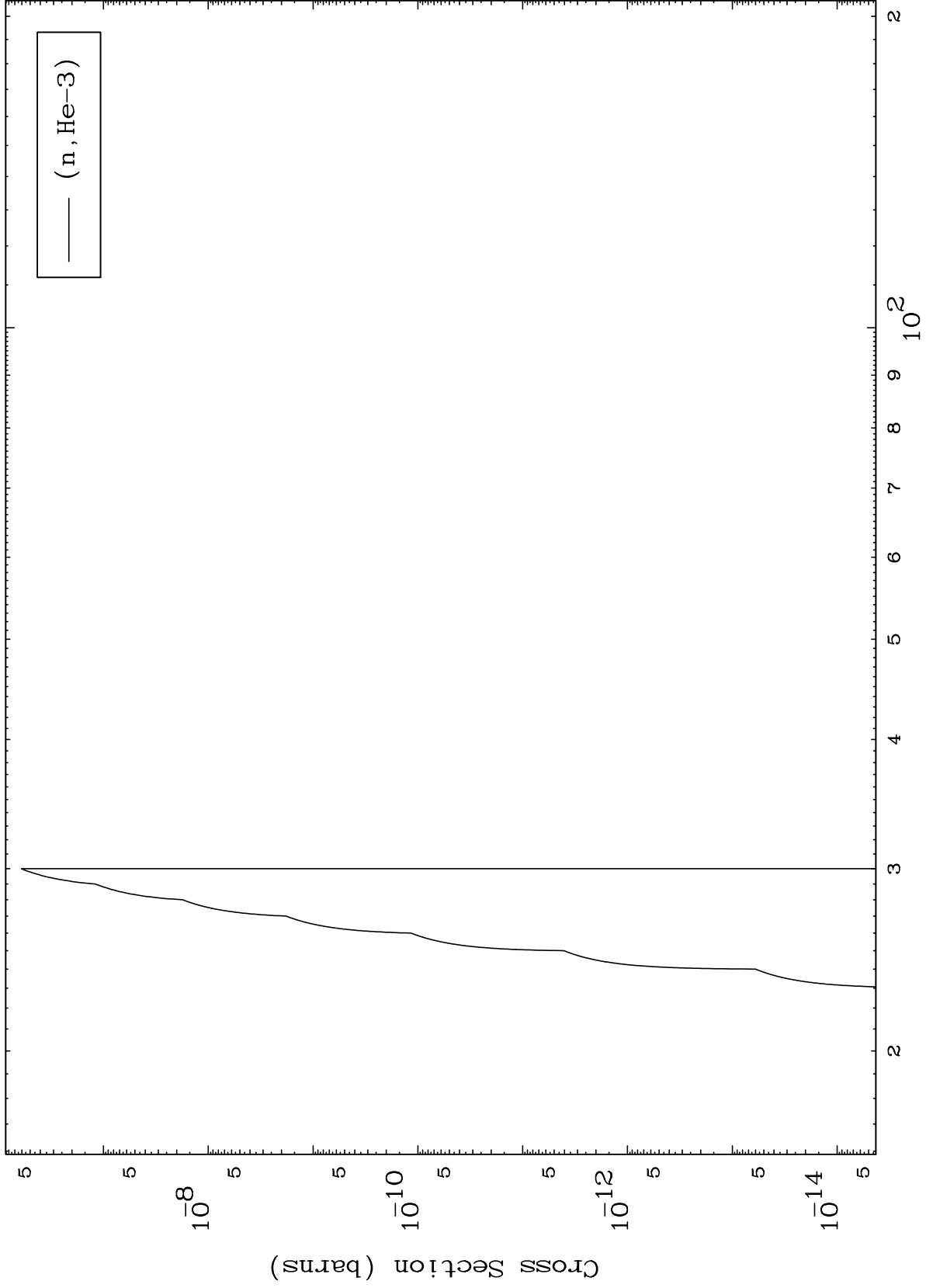
Incident Energy (MeV)

51-Sb-132m

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(n,He3) Levels  
293 Kelvin Cross Sections

51-Sb-132m



14

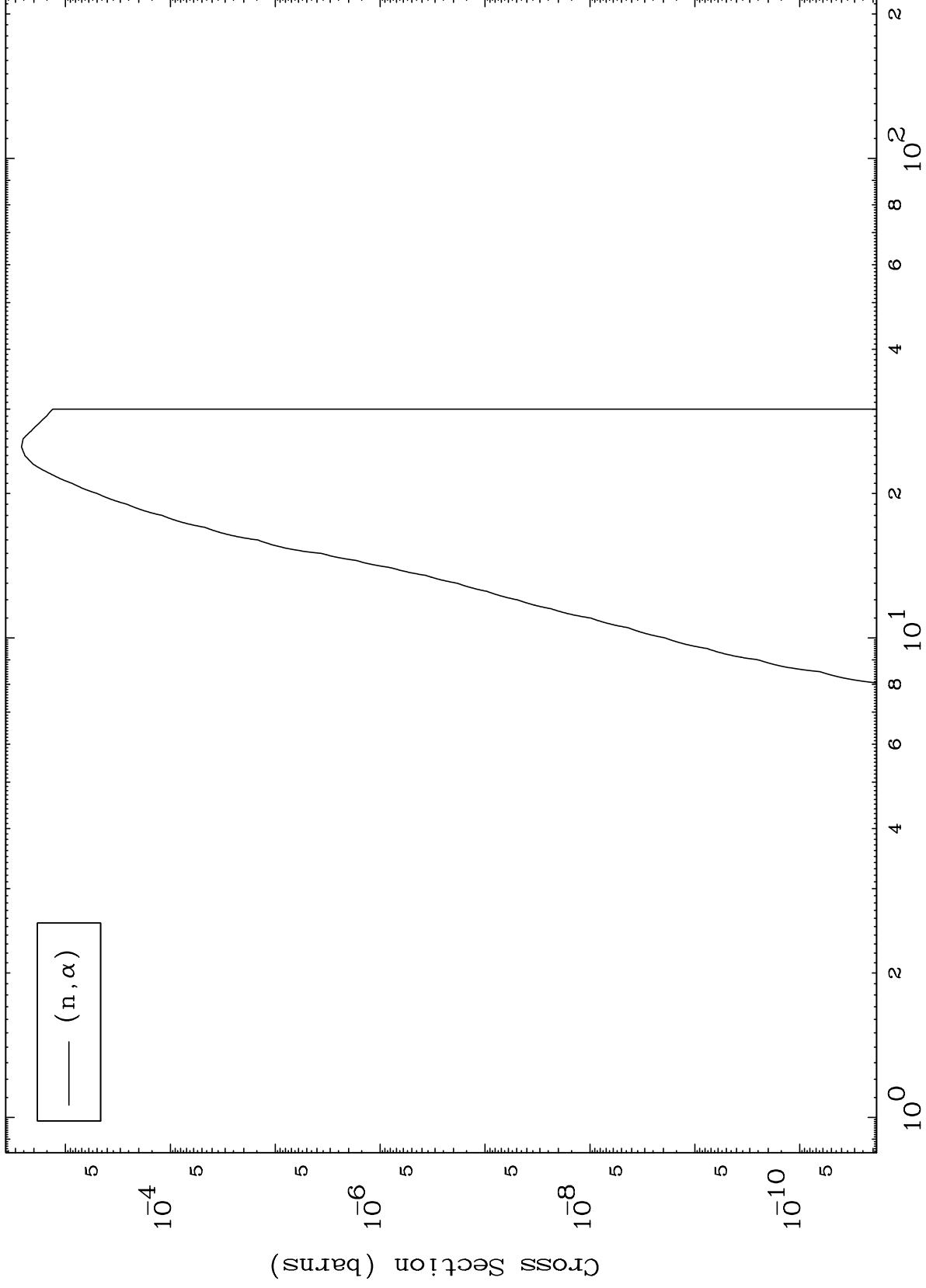
Incident Energy (MeV)

51-Sb-132m

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

51-Sb-132m



Incident Energy (MeV)

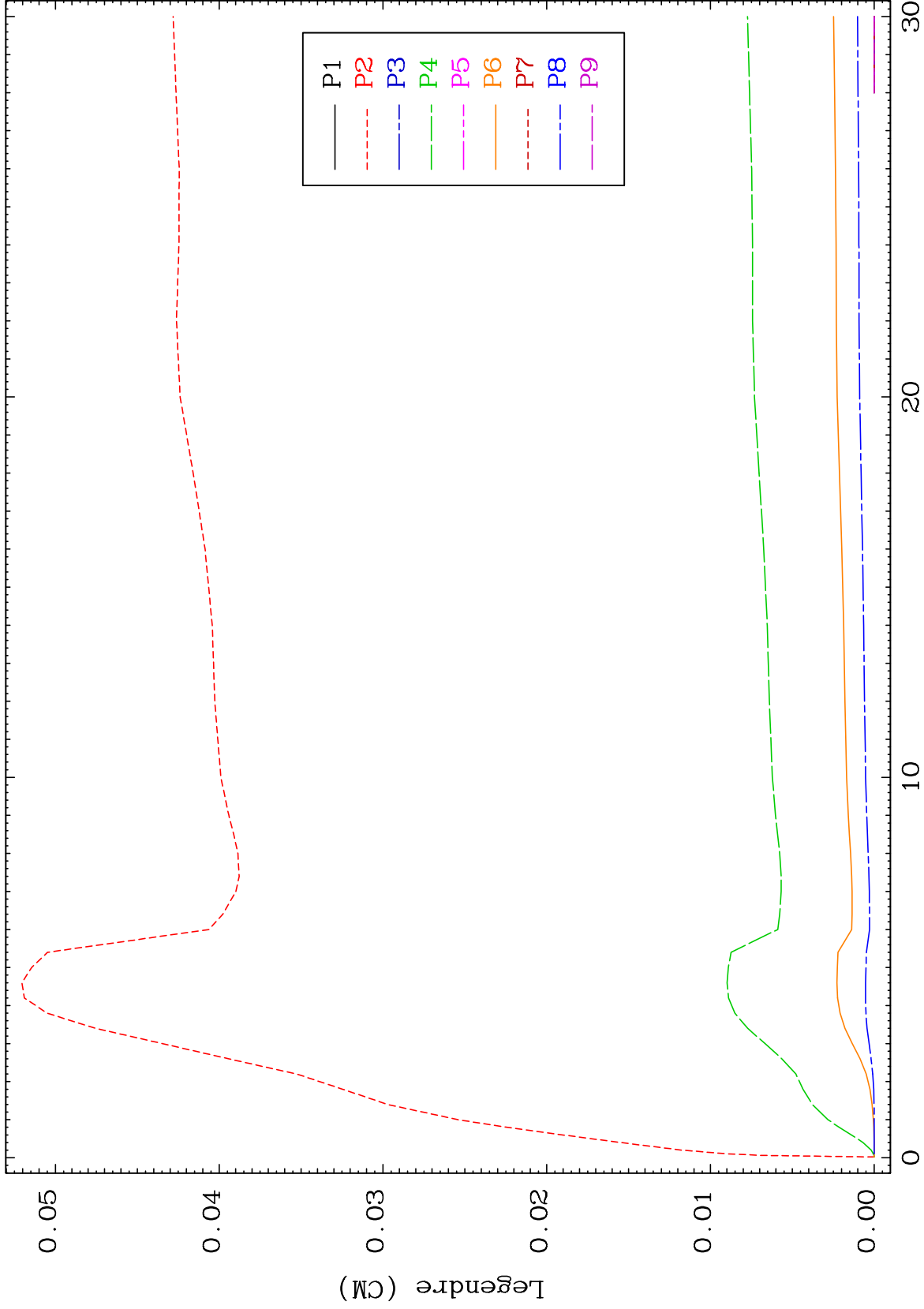
51-Sb-132m



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Elastic  
Legendre Coefficients

51-Sb-132m



16

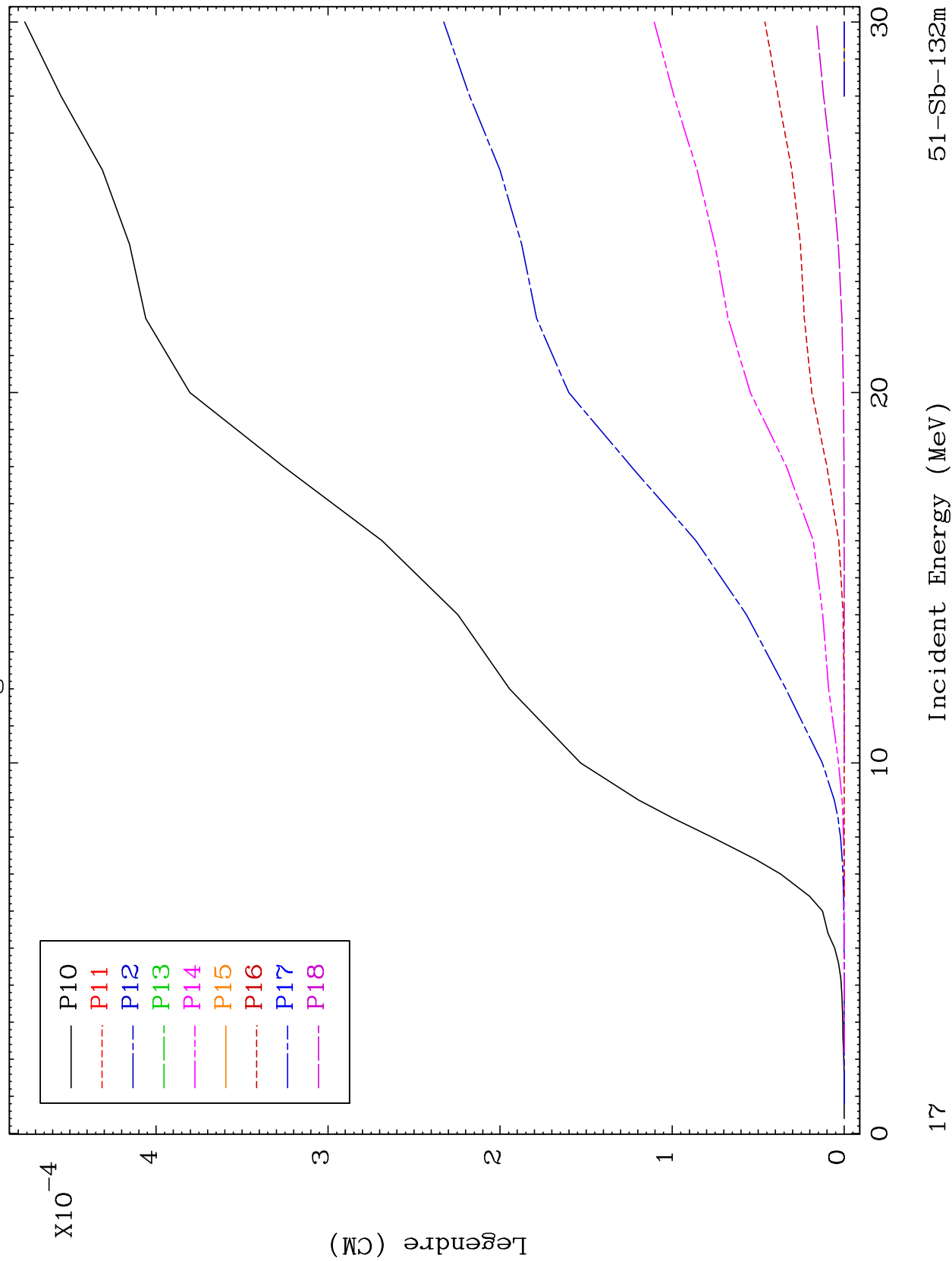
Incident Energy (MeV)

51-Sb-132m

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Elastic Legendre Coefficients

51-Sb-132m



17

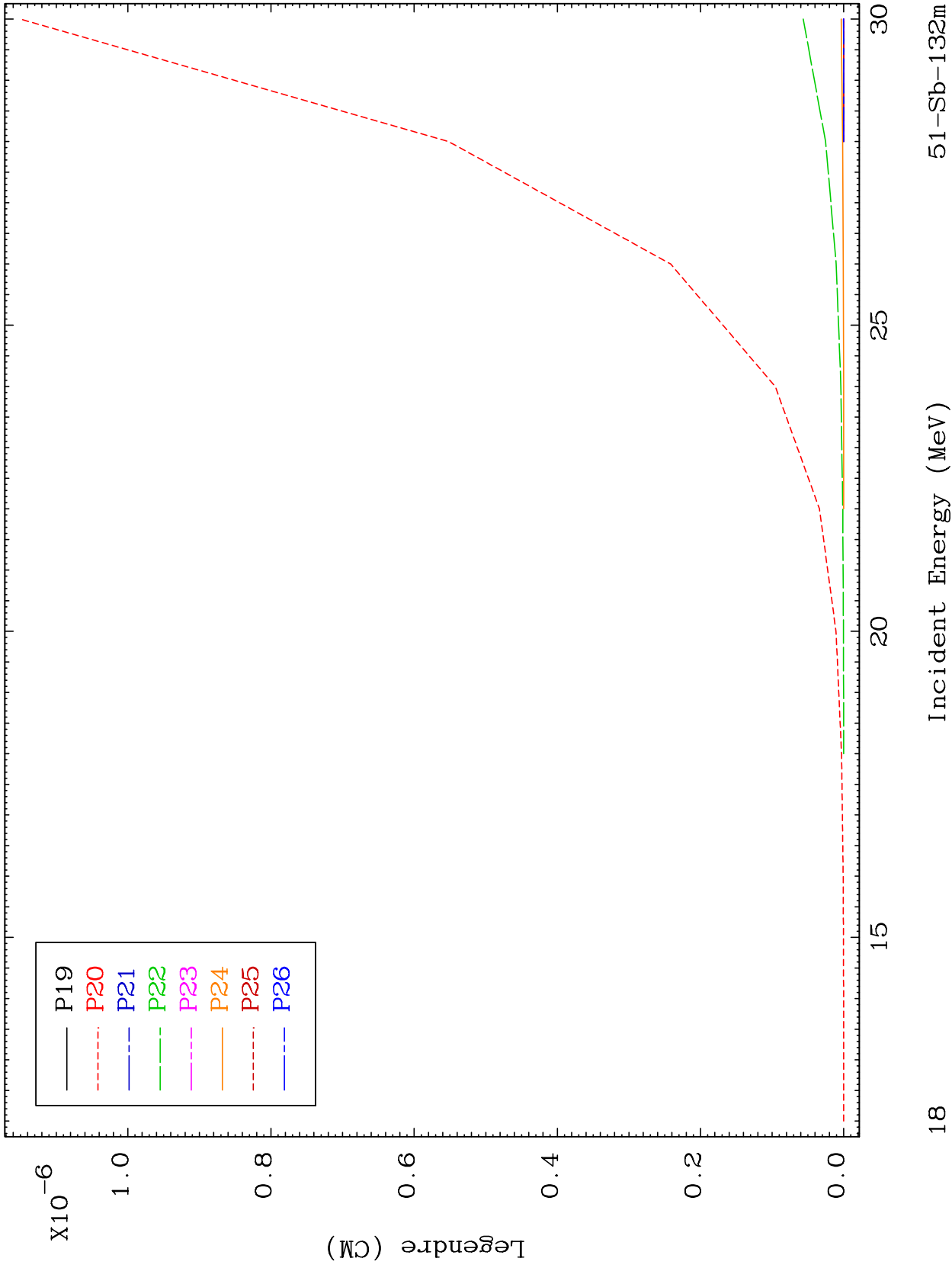
Incident Energy (MeV)

51-Sb-132m

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Elastic Legendre Coefficients

51-Sb-132m



18

Incident Energy (MeV)

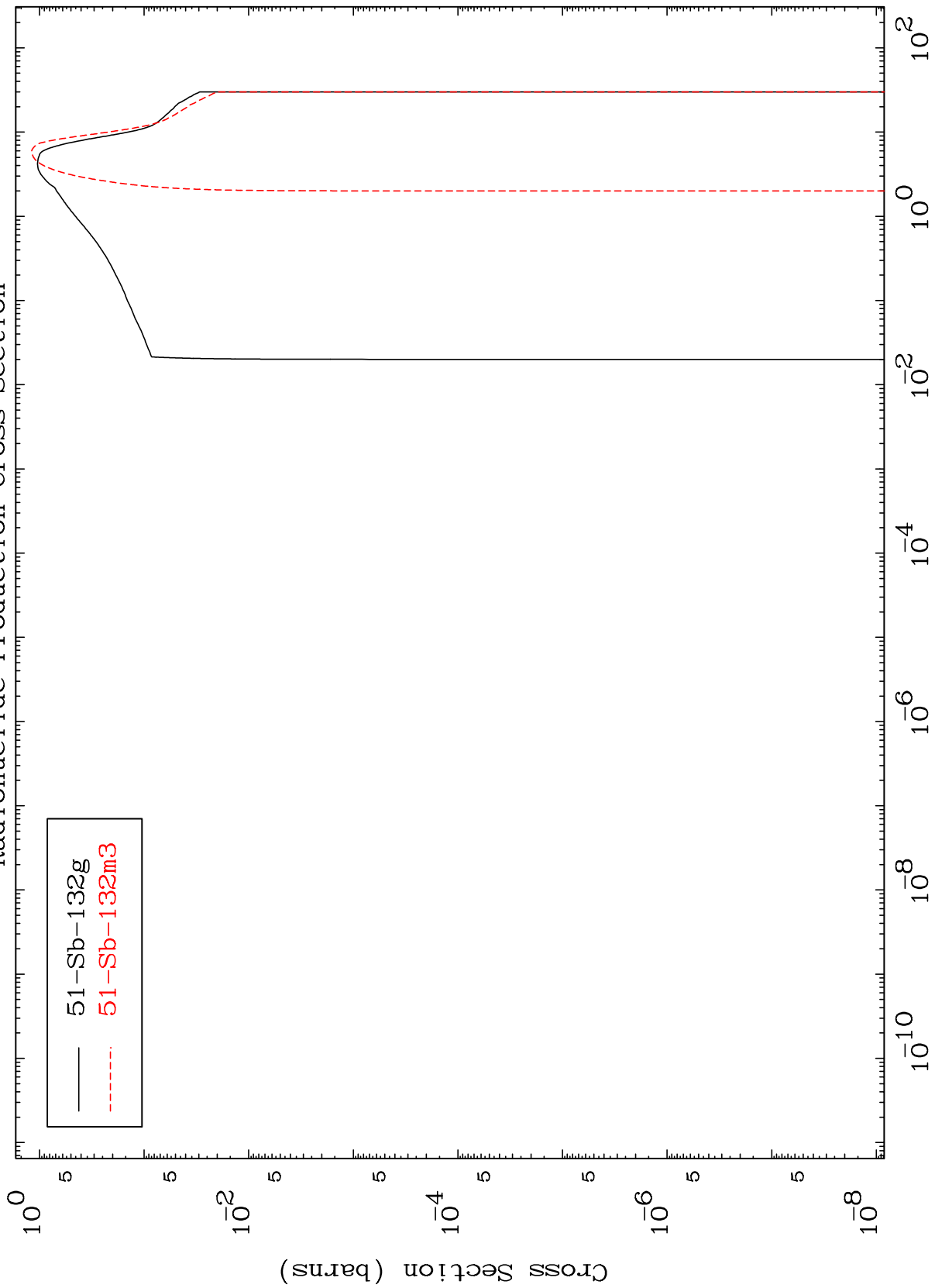
51-Sb-132m

MAT 5159

51-Sb-132m

Inelastic

Radionuclide Production Cross Section

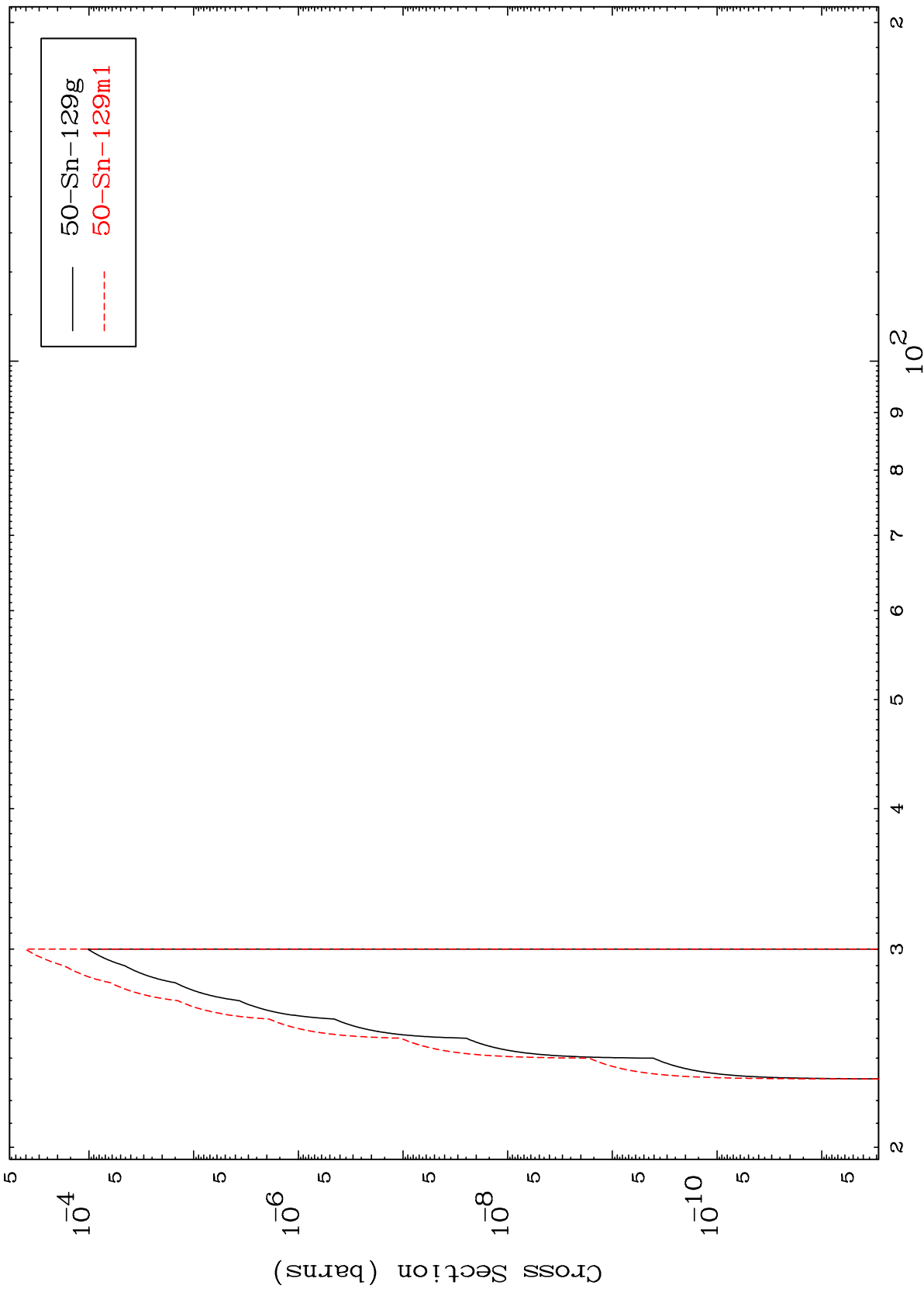


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(n,2n) d

51-Sb-132m

Radionuclide Production Cross Section



20

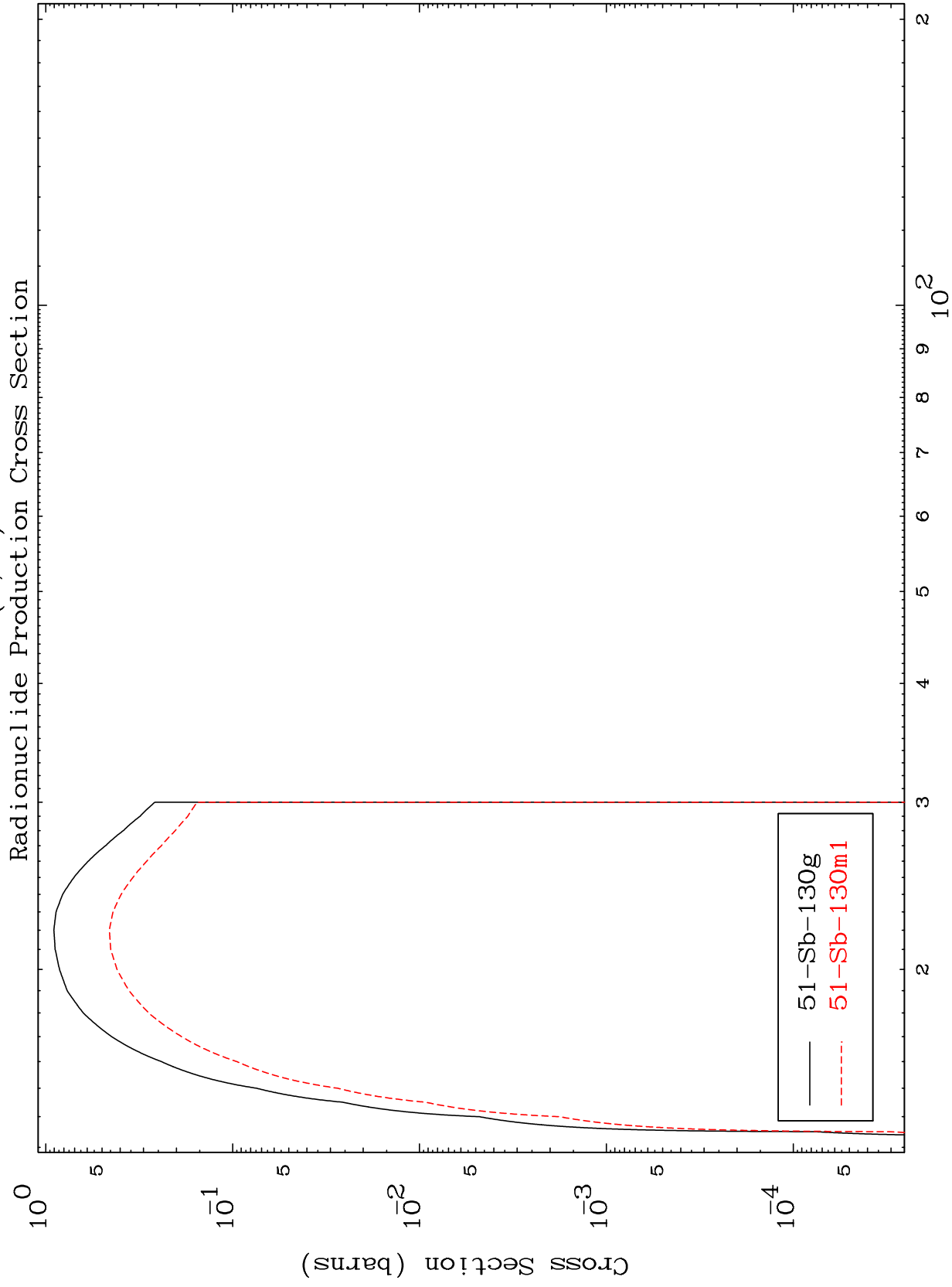
Incident Energy (MeV)

51-Sb-132m

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(n,3n)

51-Sb-132m

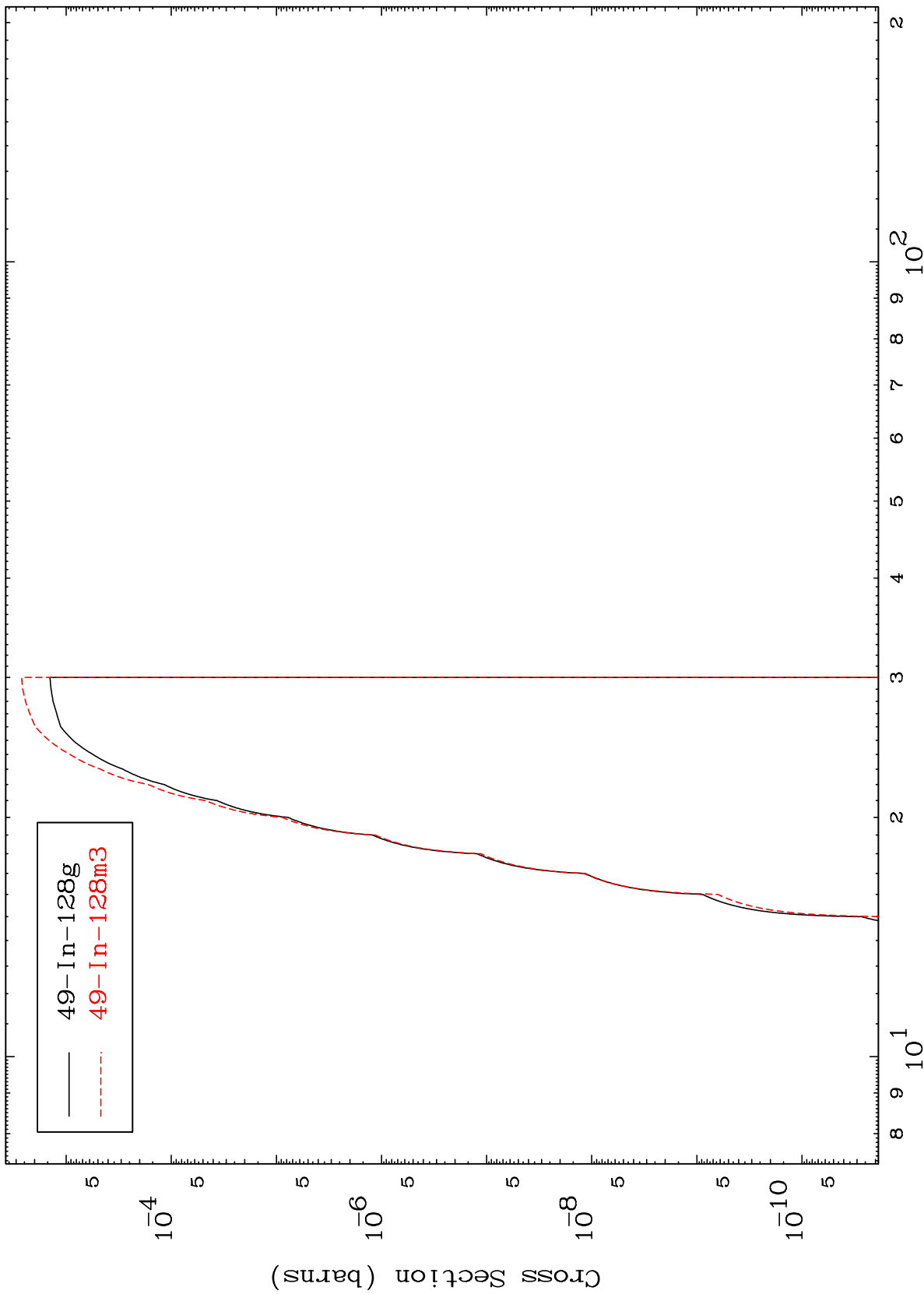


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(n,n')  $\alpha$

51-Sb-132m

Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-132m

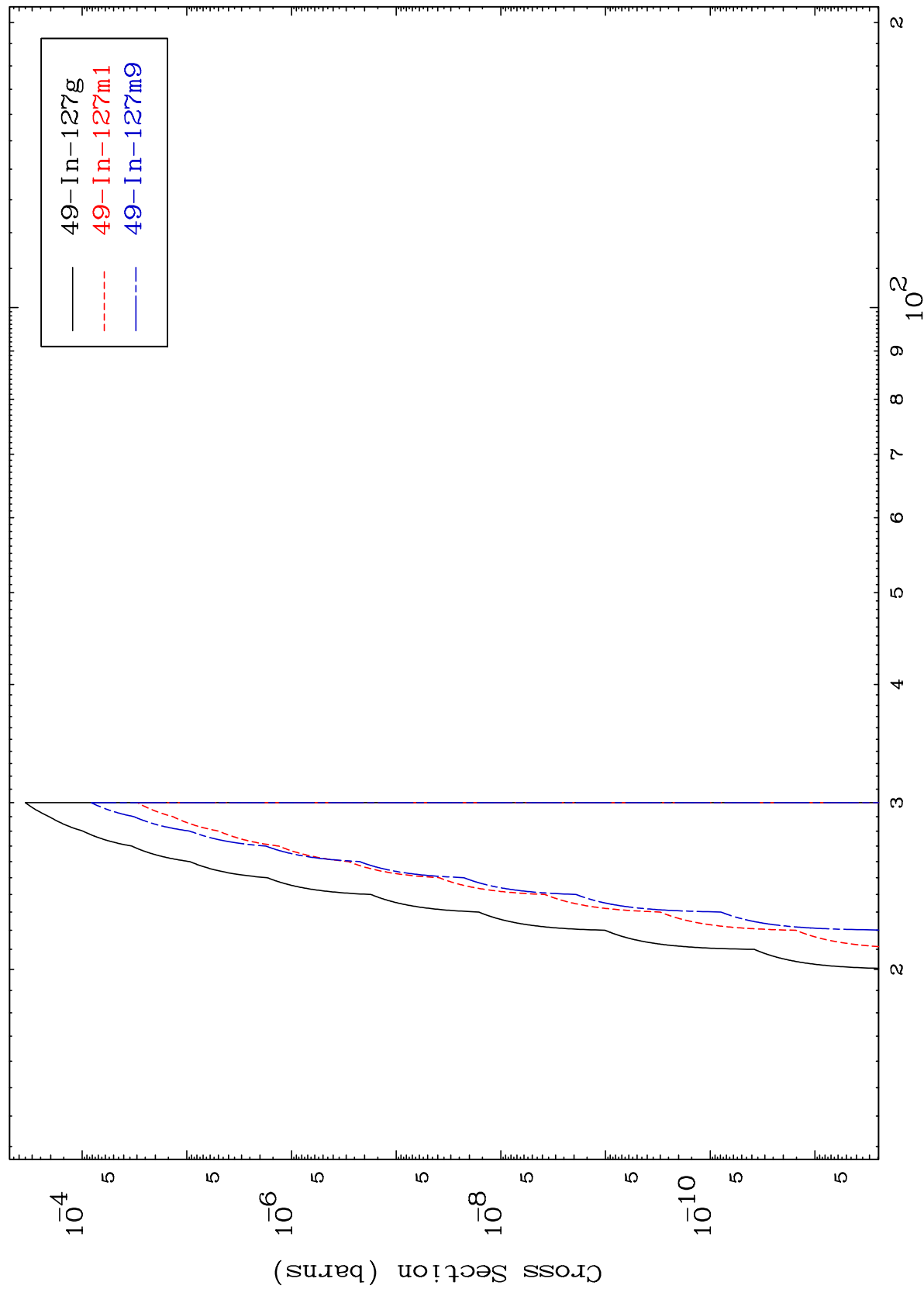
22

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(n,2n)  $\alpha$

51-Sb-132m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

51-Sb-132m

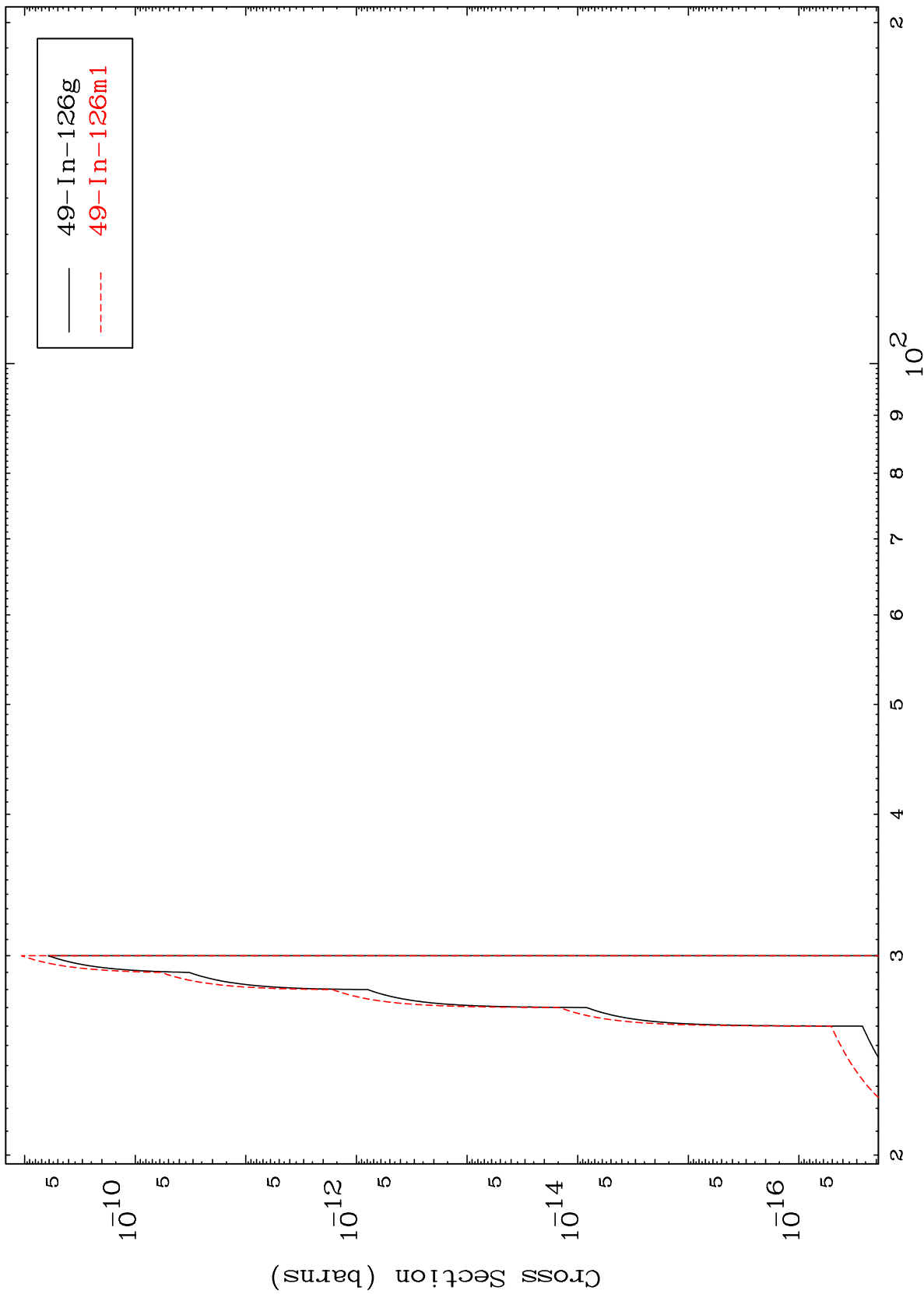


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(n,3n)  $\alpha$

51-Sb-132m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

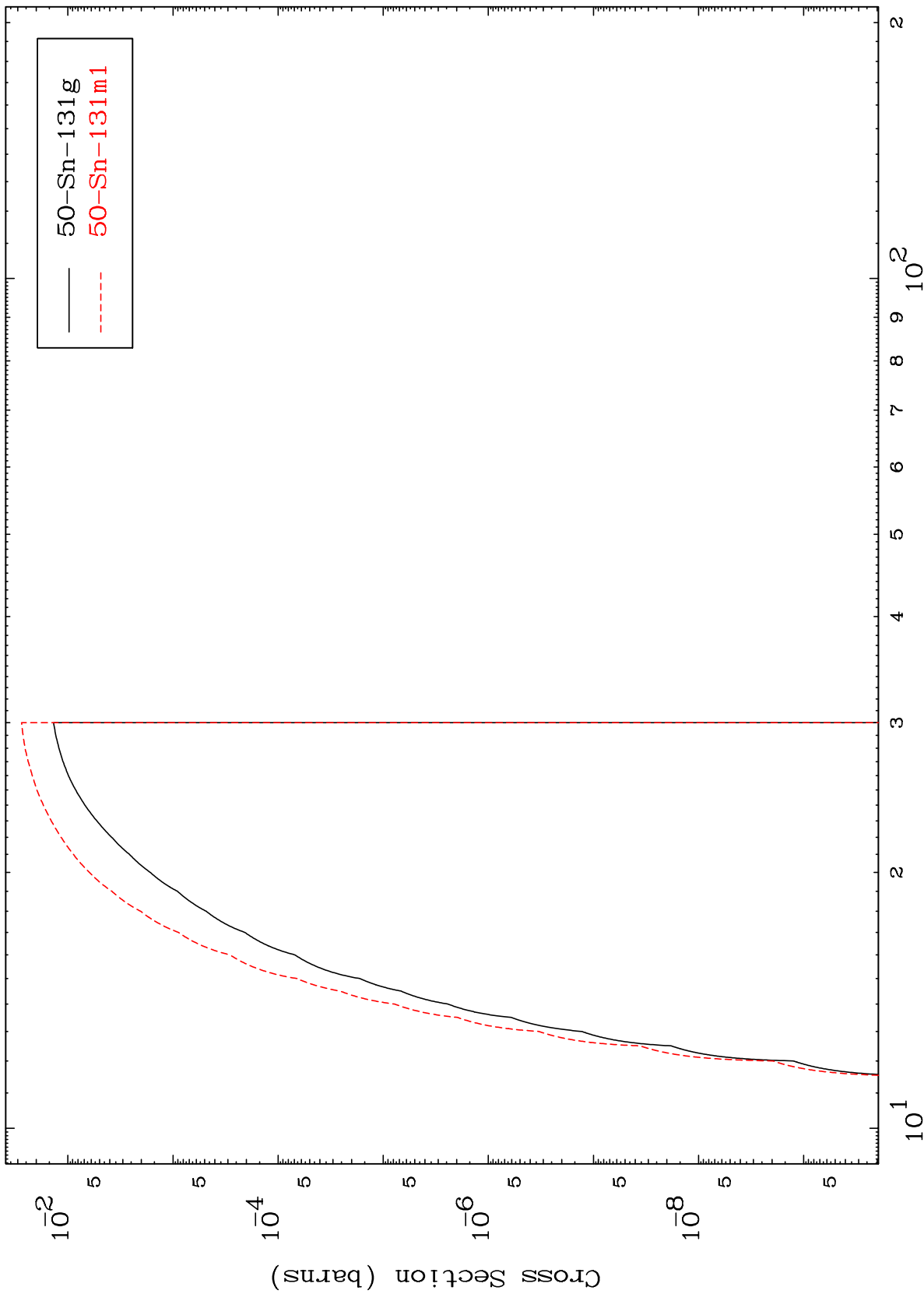
51-Sb-132m

MAT 5159

(n,n') p

51-Sb-132m

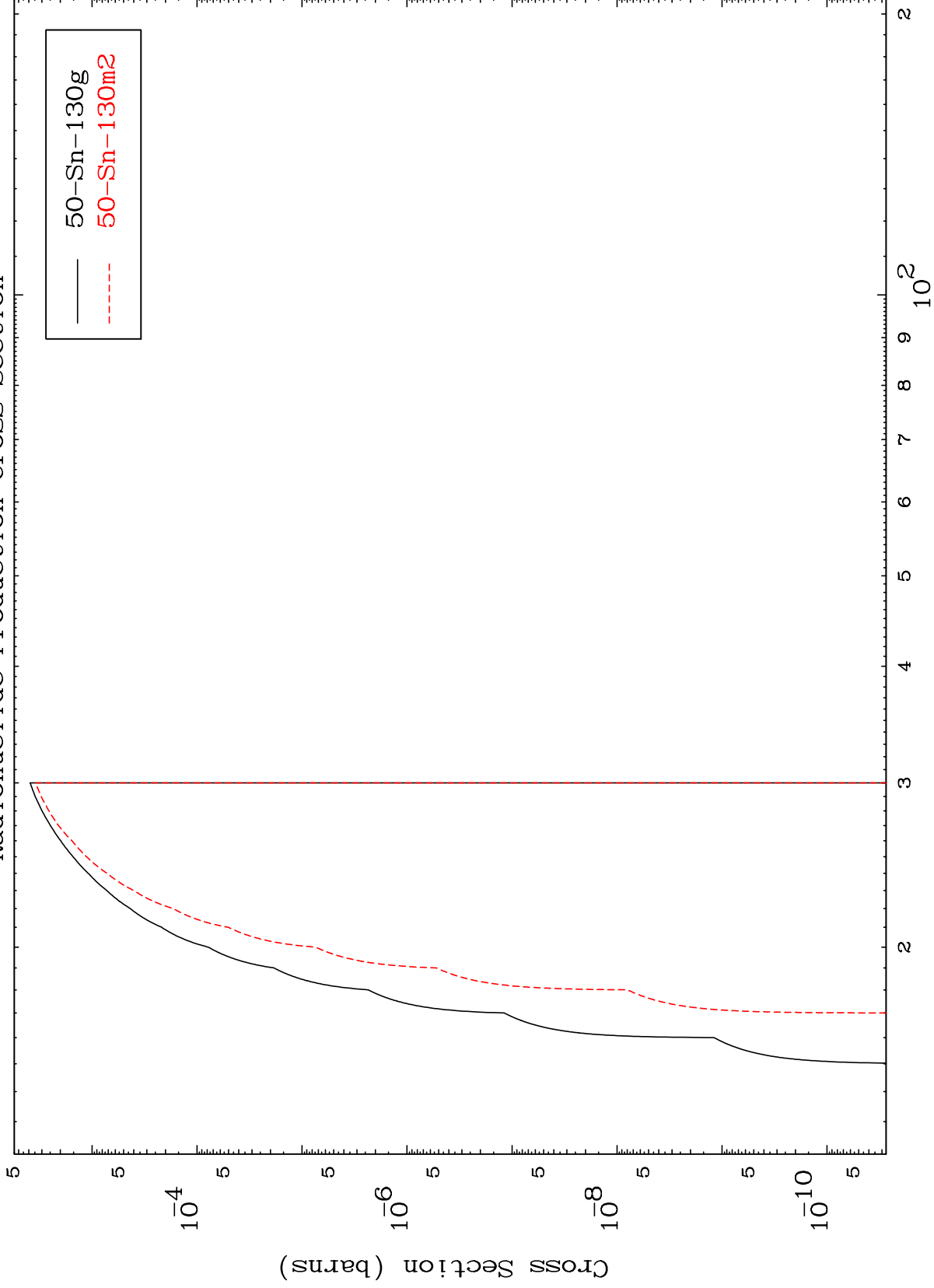
Radionuclide Production Cross Section



Incident Energy (MeV)

51-Sb-132m

Radionuclide Production Cross Section

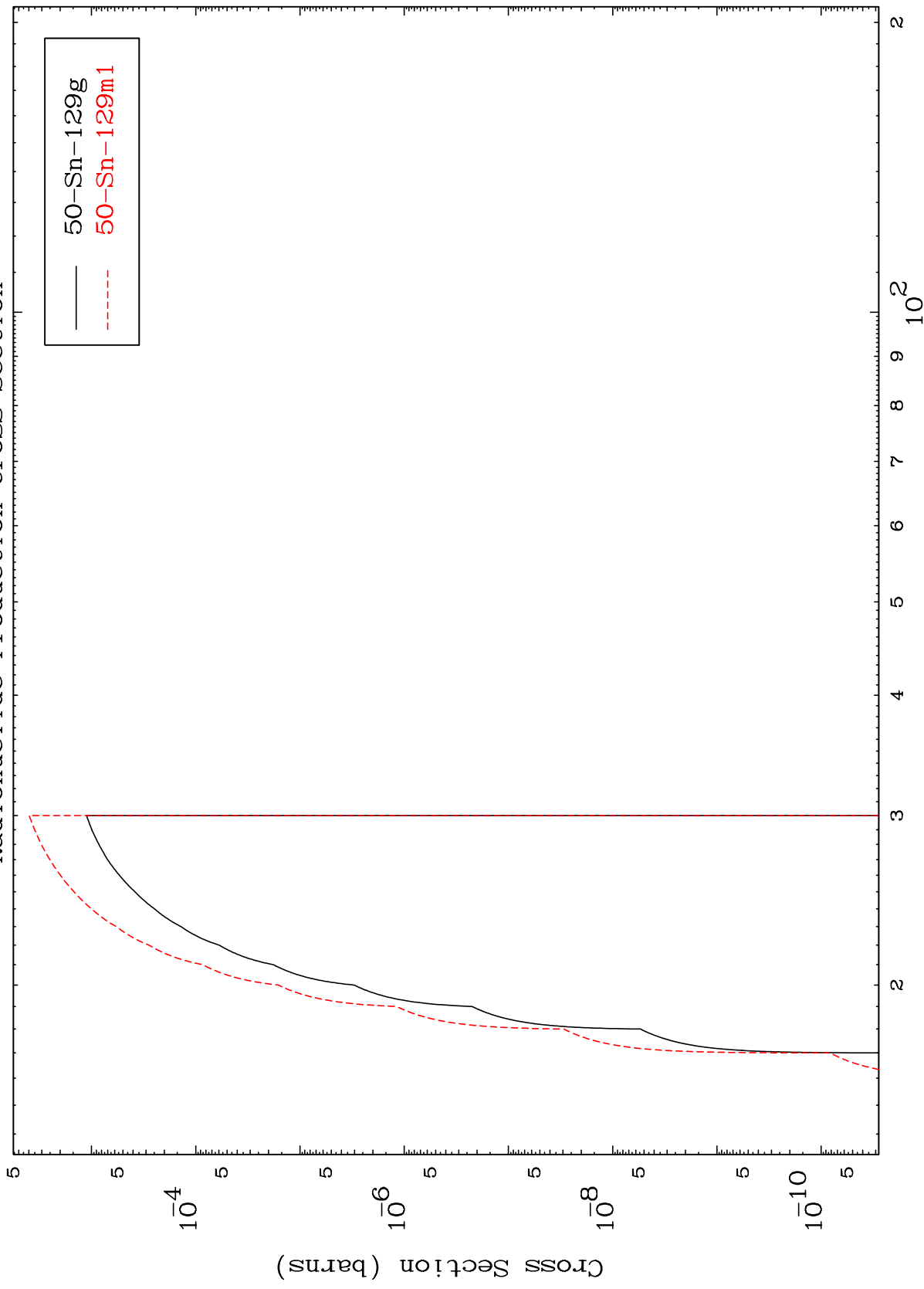


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(n,n') t

51-Sb-132m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

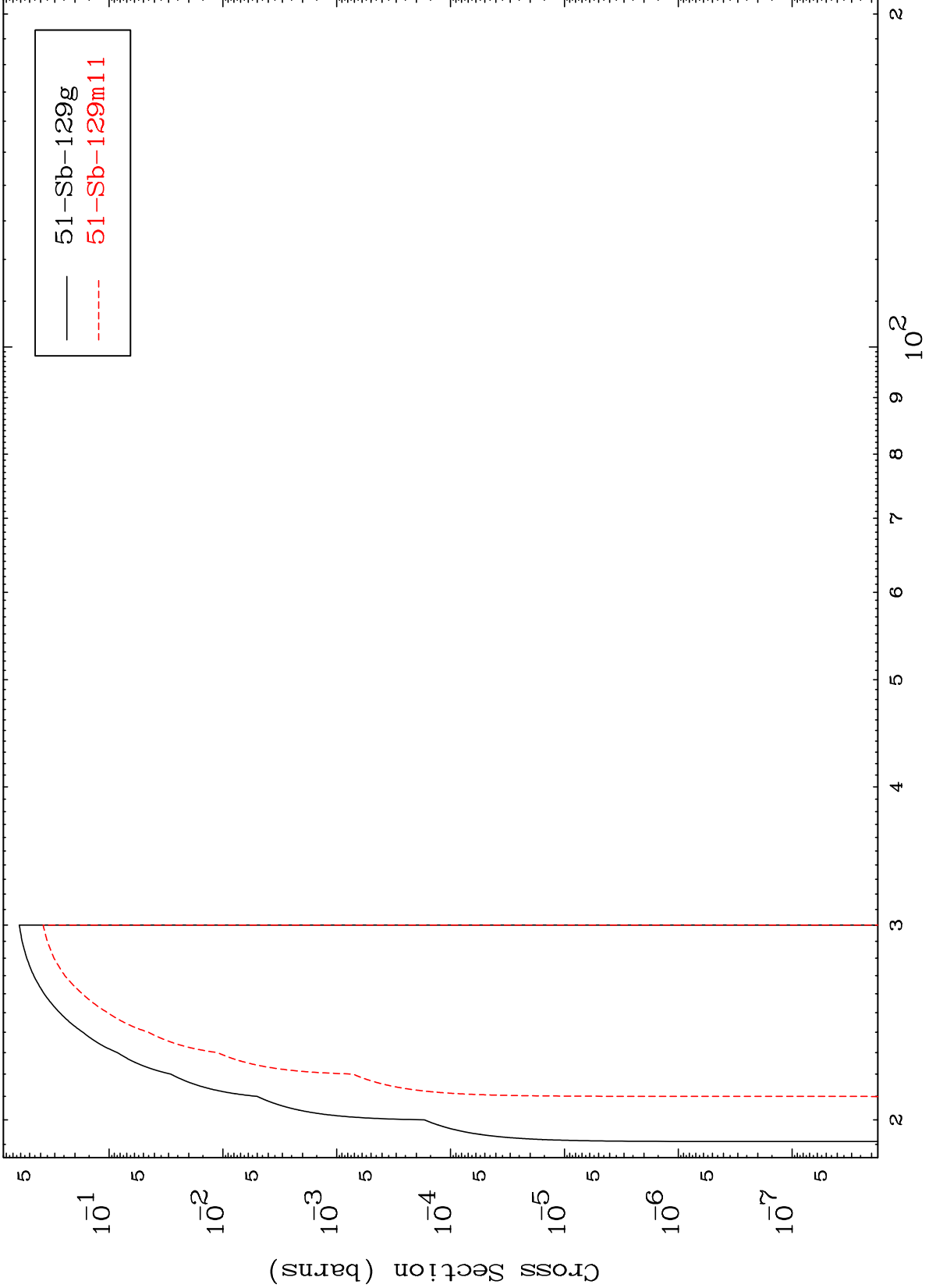
51-Sb-132m

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(n,4n)

51-Sb-132m

Radionuclide Production Cross Section



28

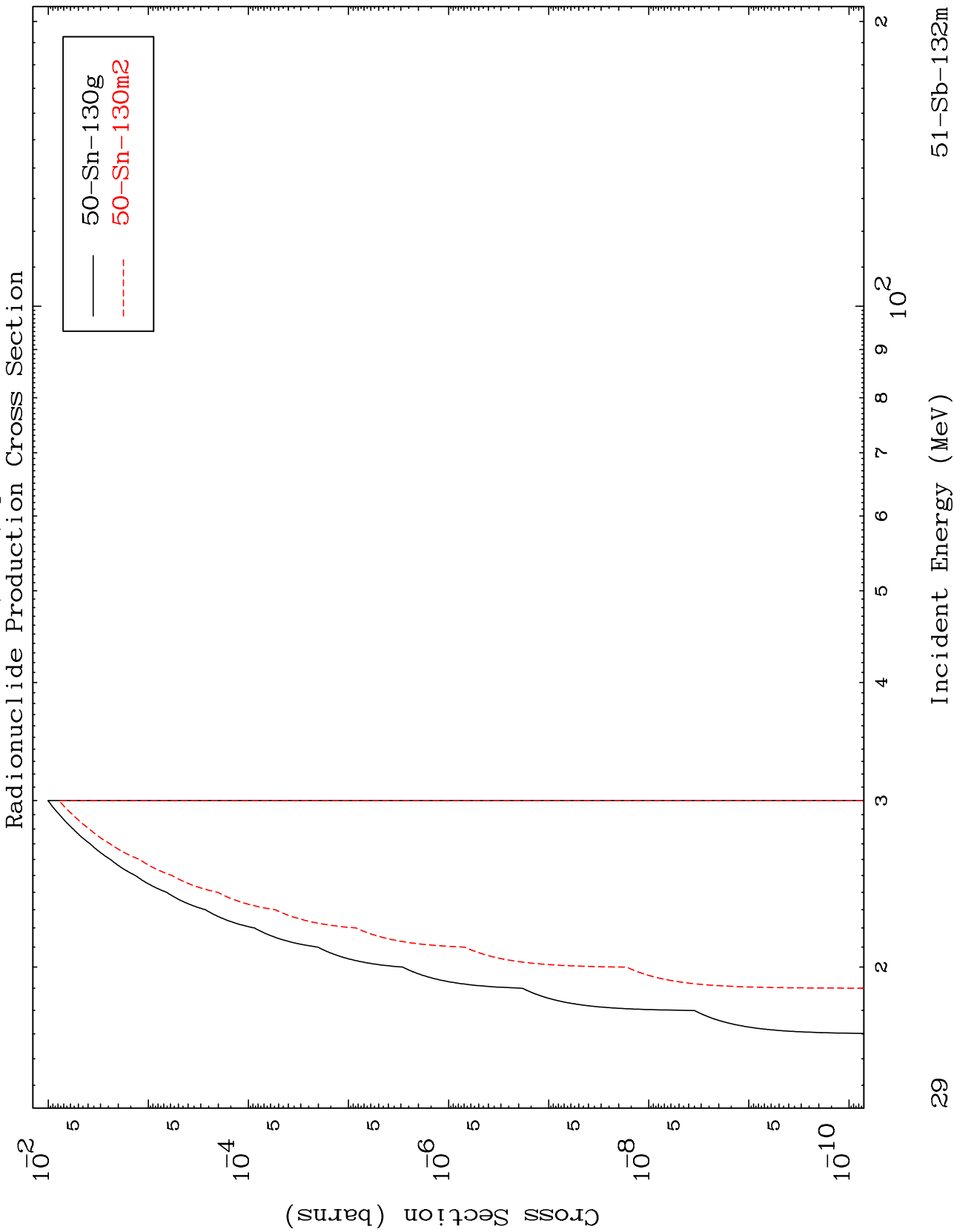
Incident Energy (MeV)

51-Sb-132m

MAT 5159

(n,2n) p

51-Sb-132m



29

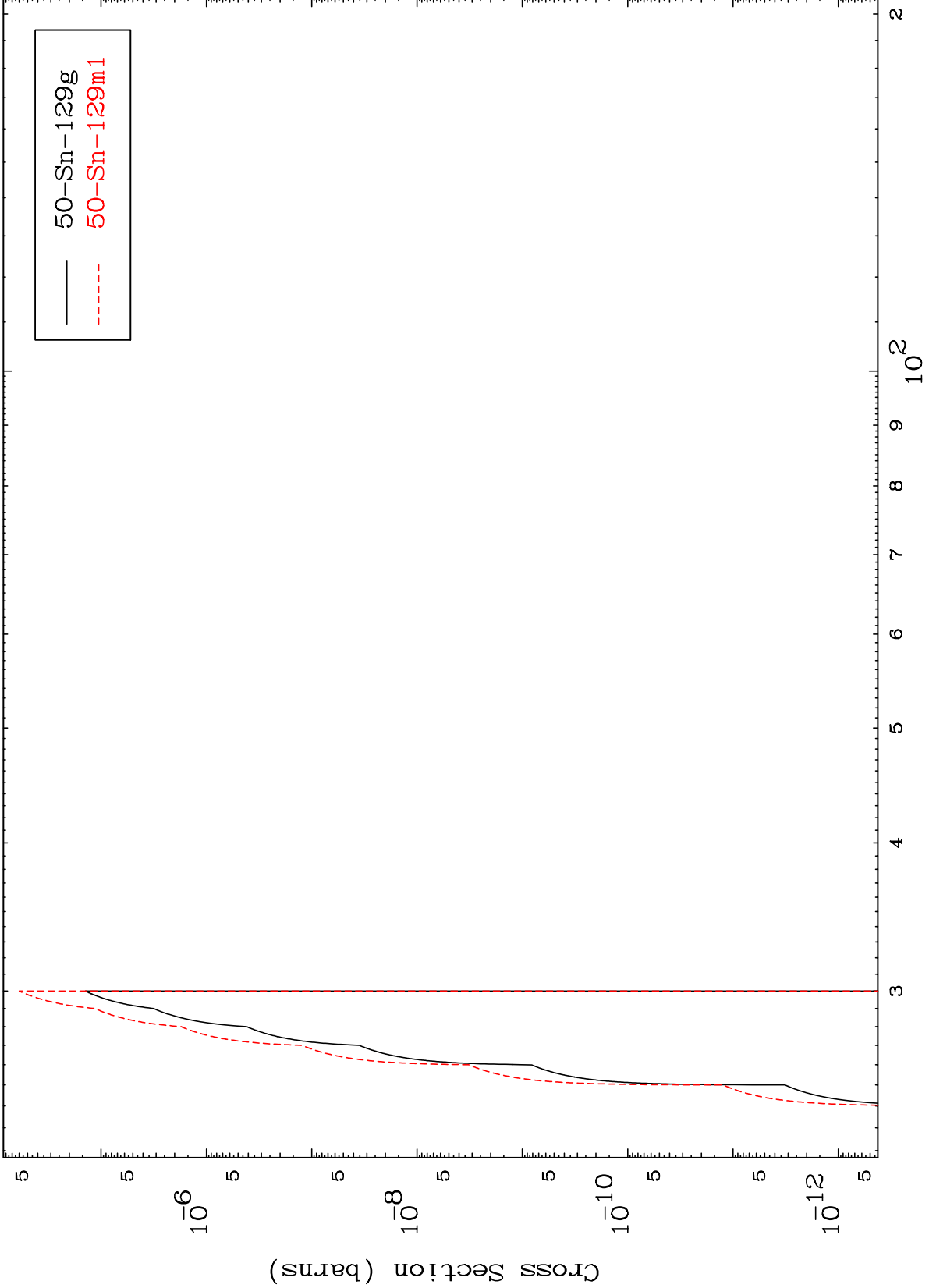
51-Sb-132m

MAT 5159

(n,3n) p

51-Sb-132m

Radionuclide Production Cross Section



30

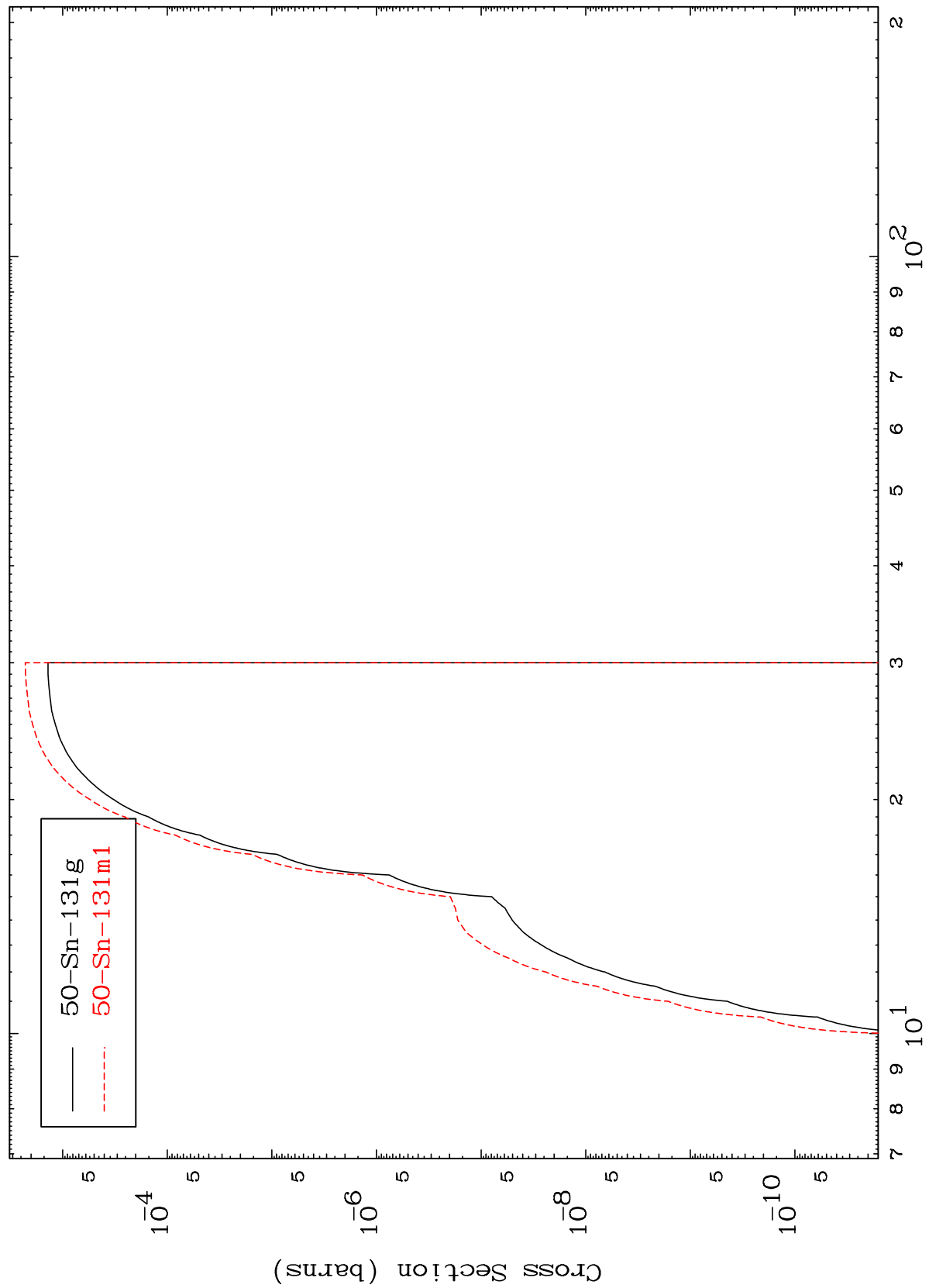
Incident Energy (MeV)

51-Sb-132m

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51-Sb-132m

(n,d)  
Radionuclide Production Cross Section



51-Sb-132m

Incident Energy (MeV)

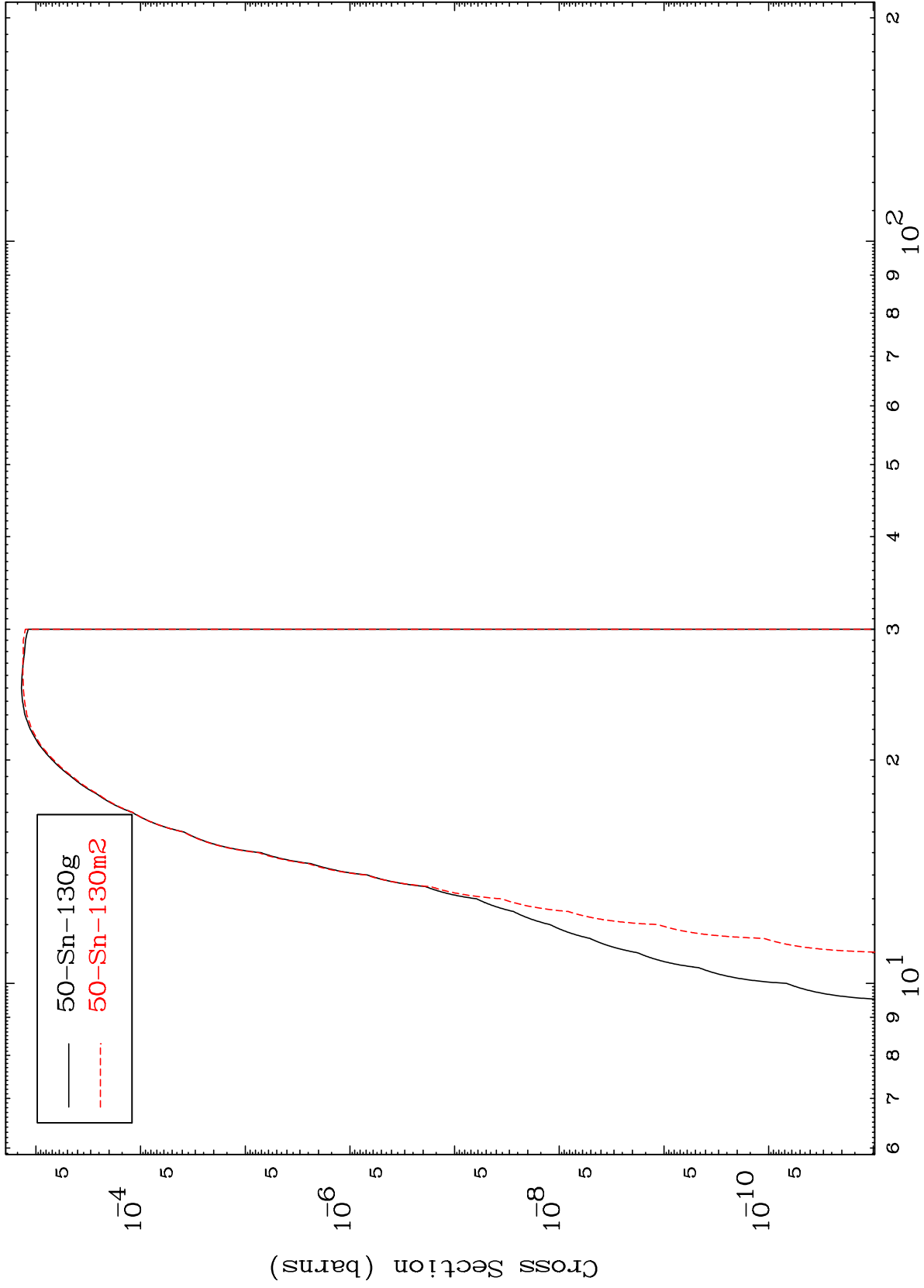
31



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51-Sb-132m

(n,t)  
Radionuclide Production Cross Section

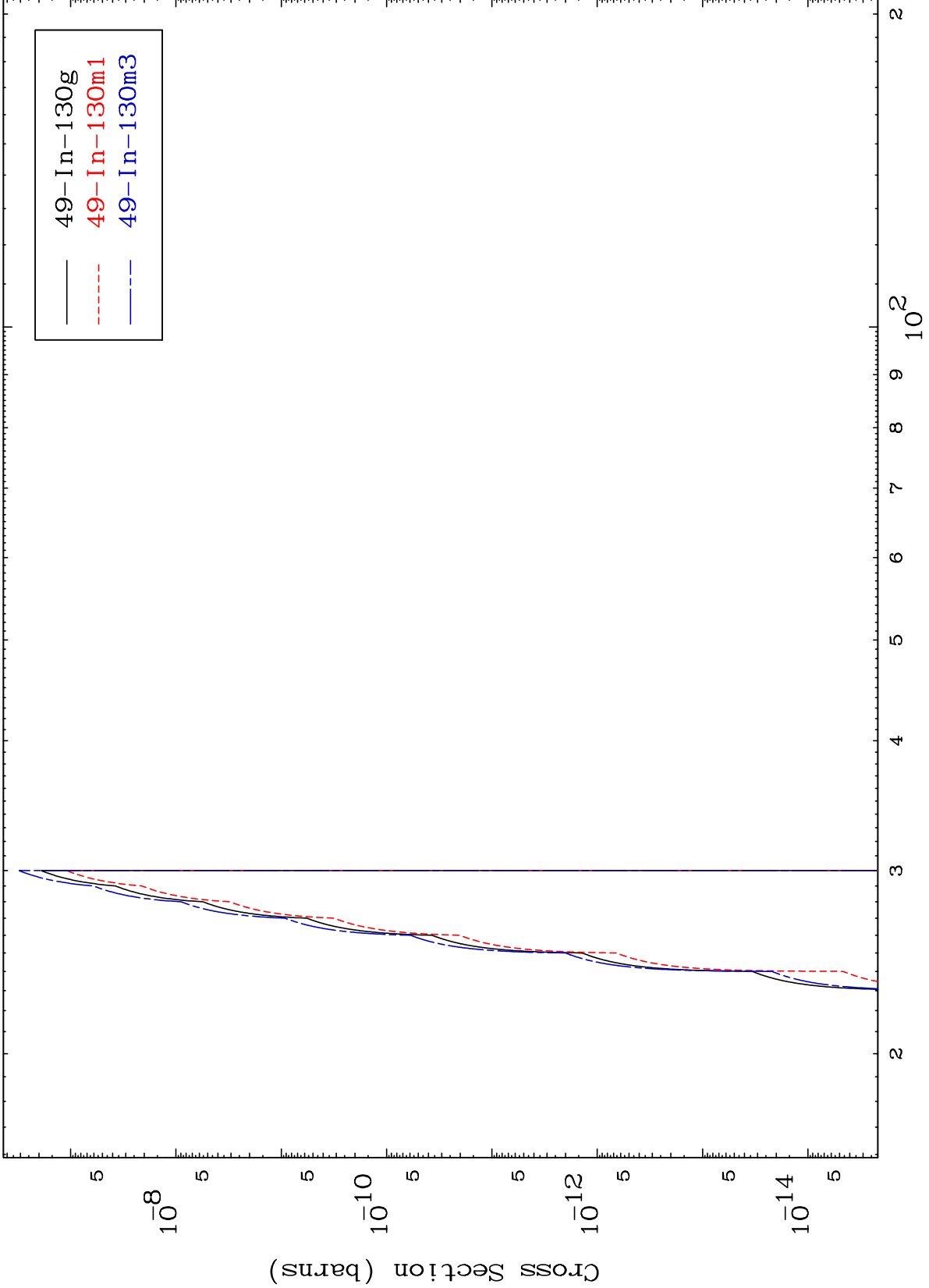


32

Incident Energy (MeV)

51-Sb-132m

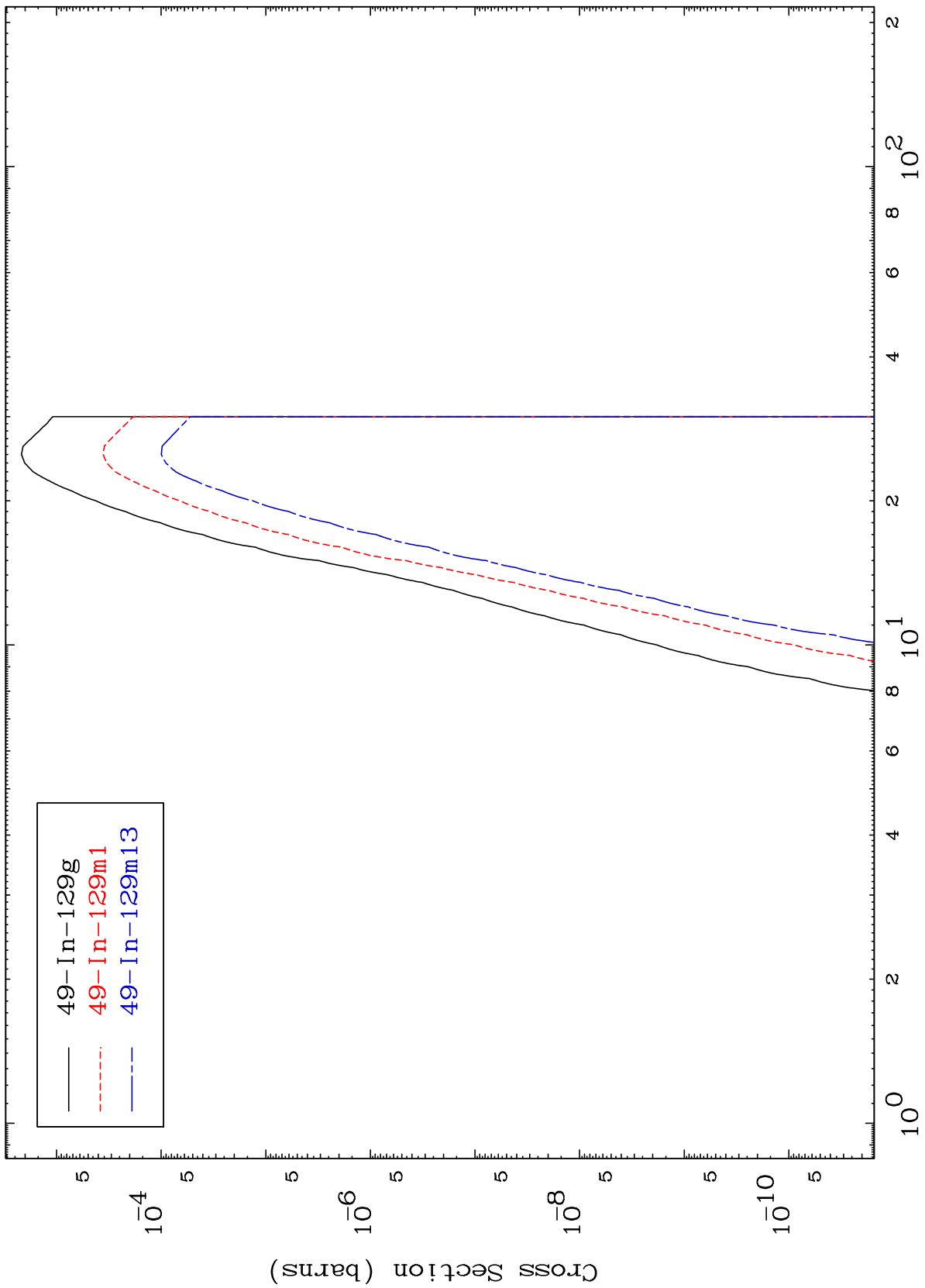
Radionuclide Production Cross Section



MAT 5159

51-Sb-132m

(n,  $\alpha$ )  
Radionuclide Production Cross Section



51-Sb-132m

Incident Energy (MeV)

34