

Program EVALPLOT
(Version 2017-1)

by

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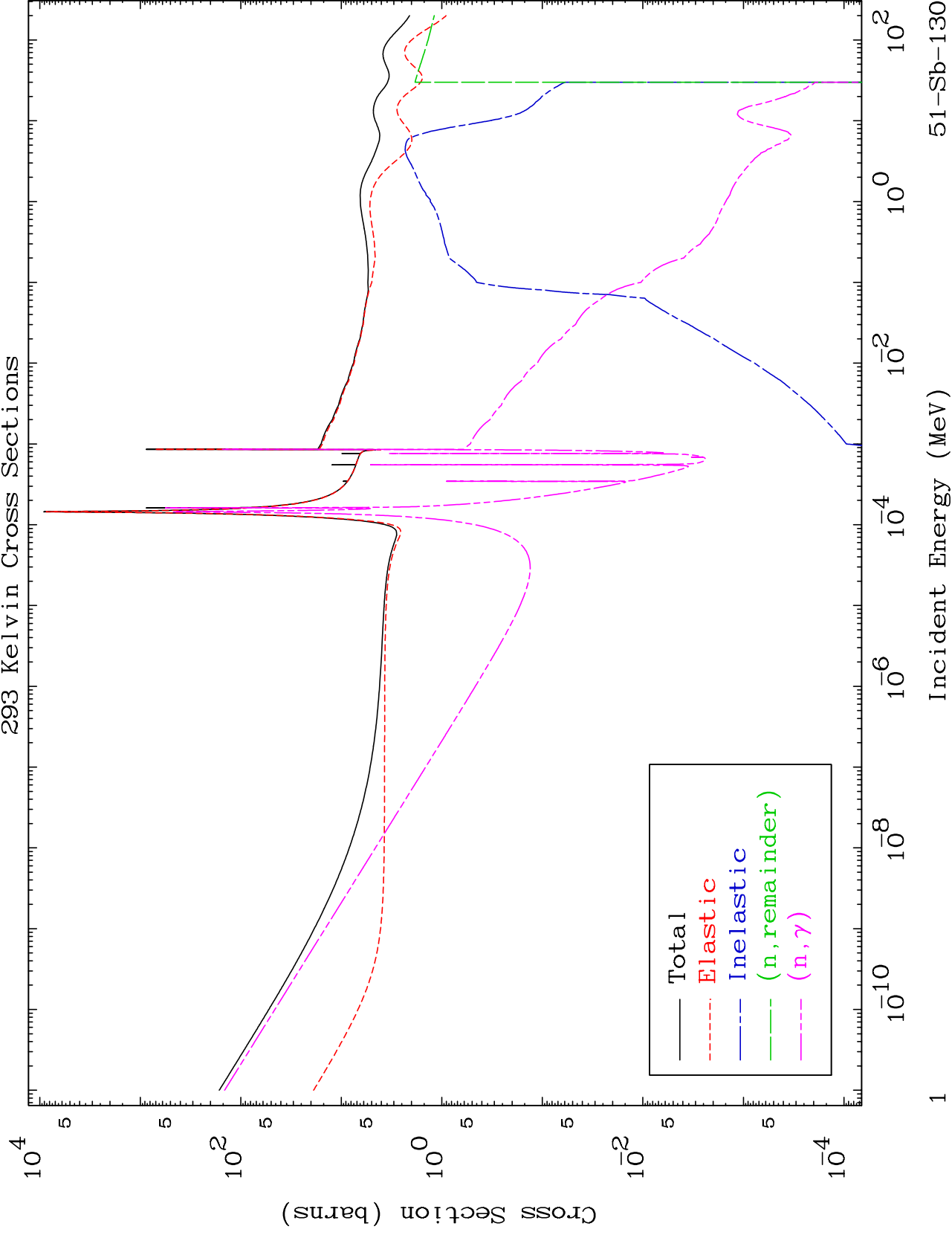
Press Mouse Button to Start

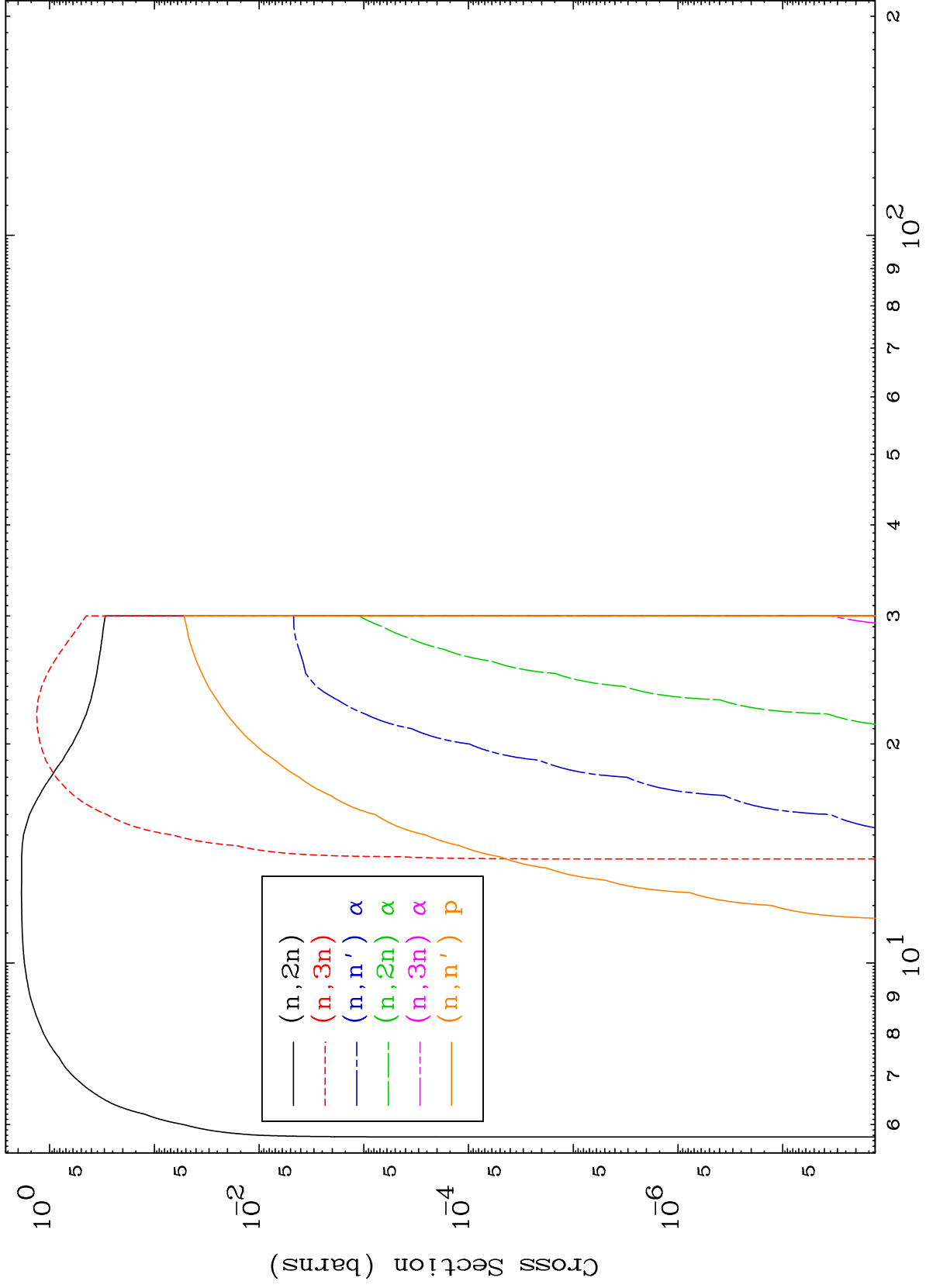
MAT 5153

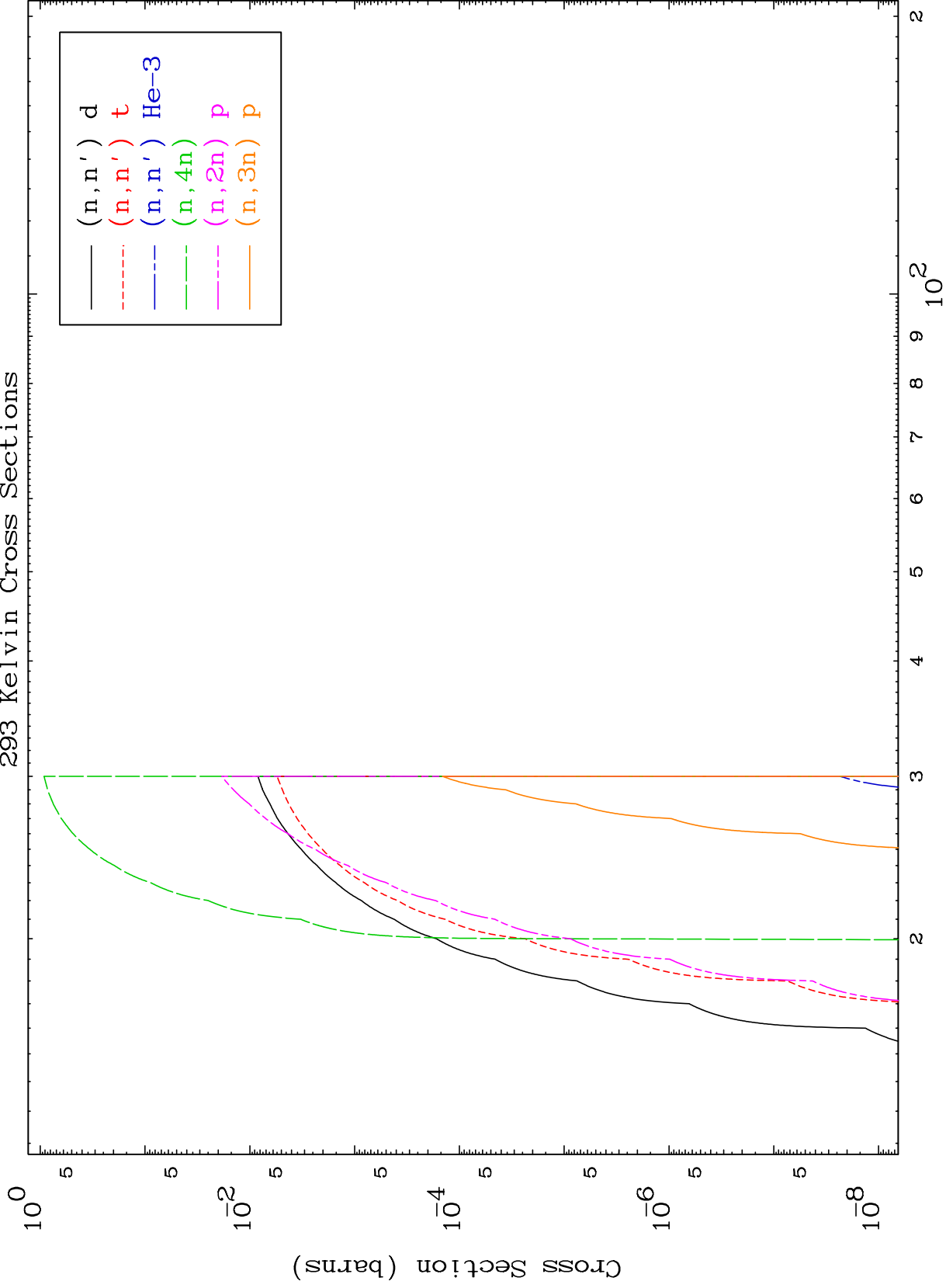
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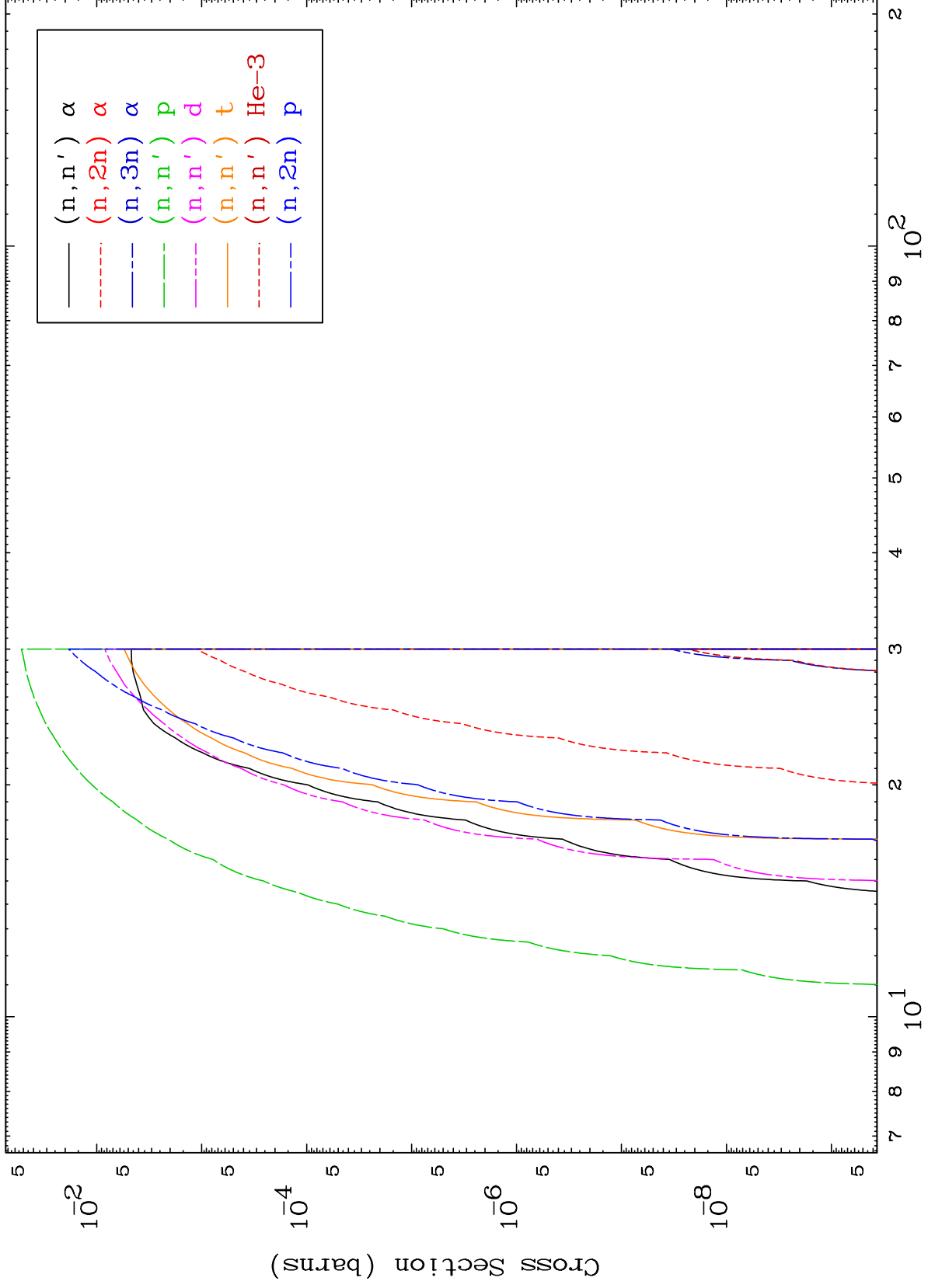
293 Kelvin Cross Sections

51-Sb-130





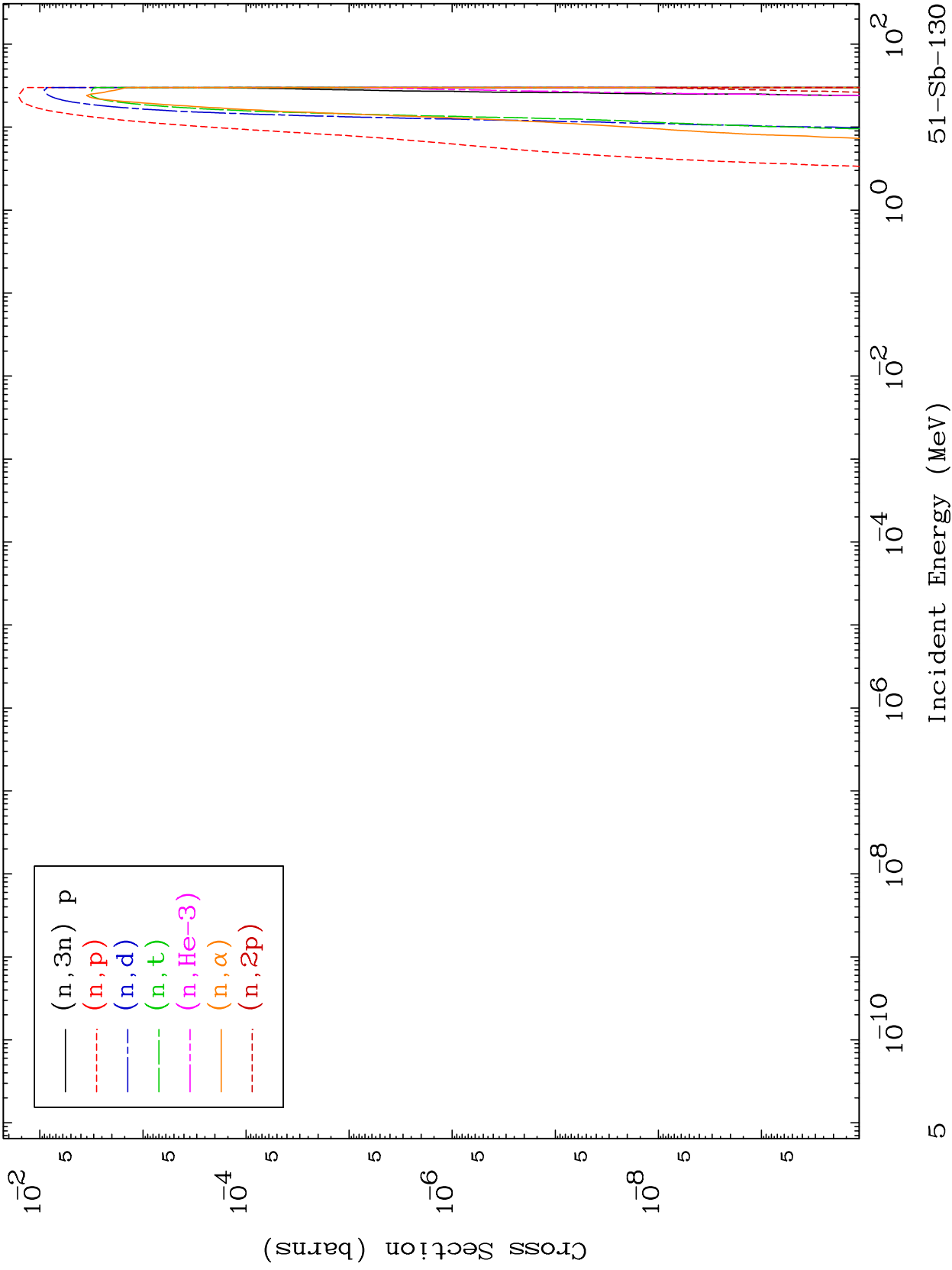




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Charged Particle
293 Kelvin Cross Sections

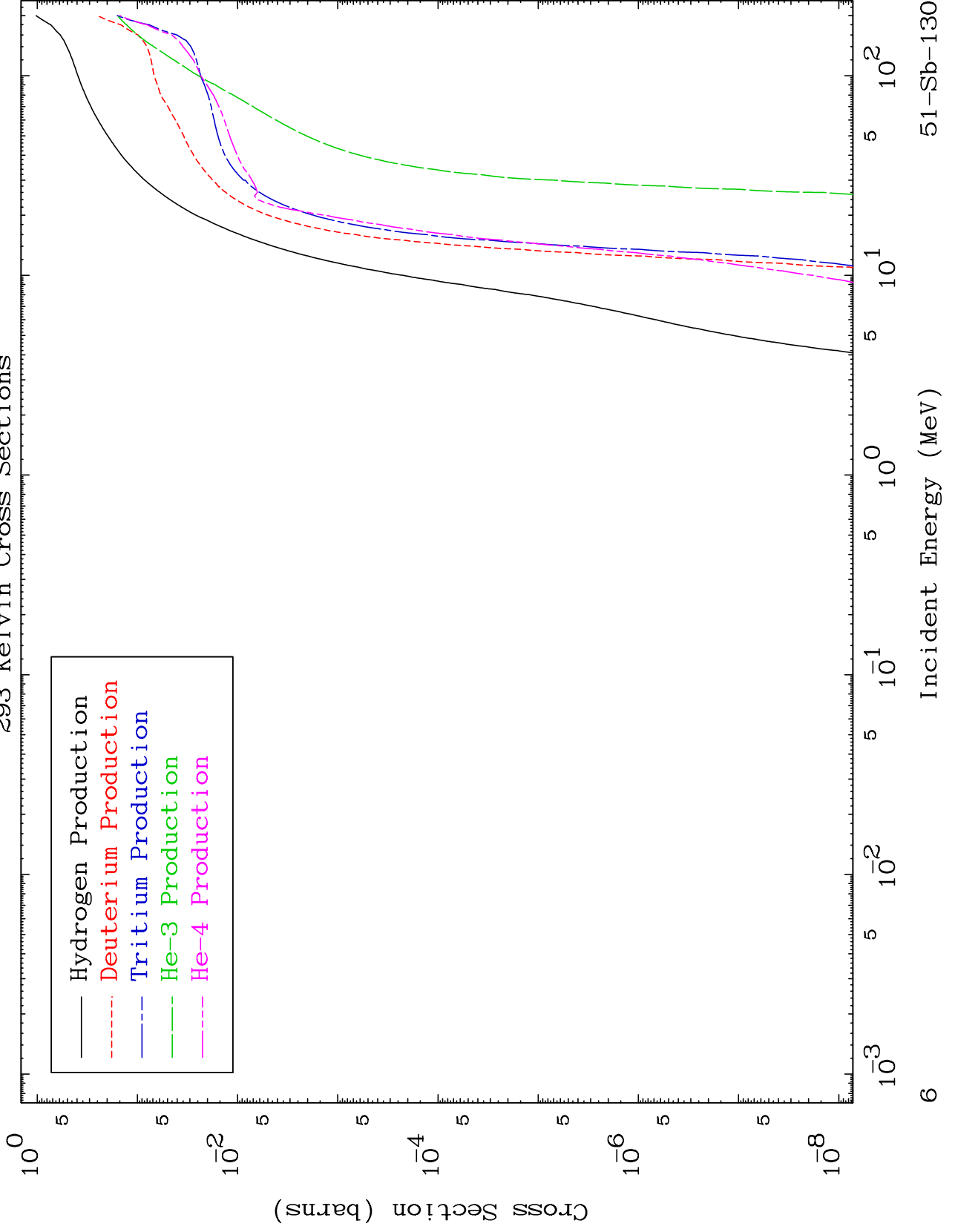
51-Sb-130



MAT 5153

Particle Production
293 Kelvin Cross Sections

51-Sb-130



51-Sb-130

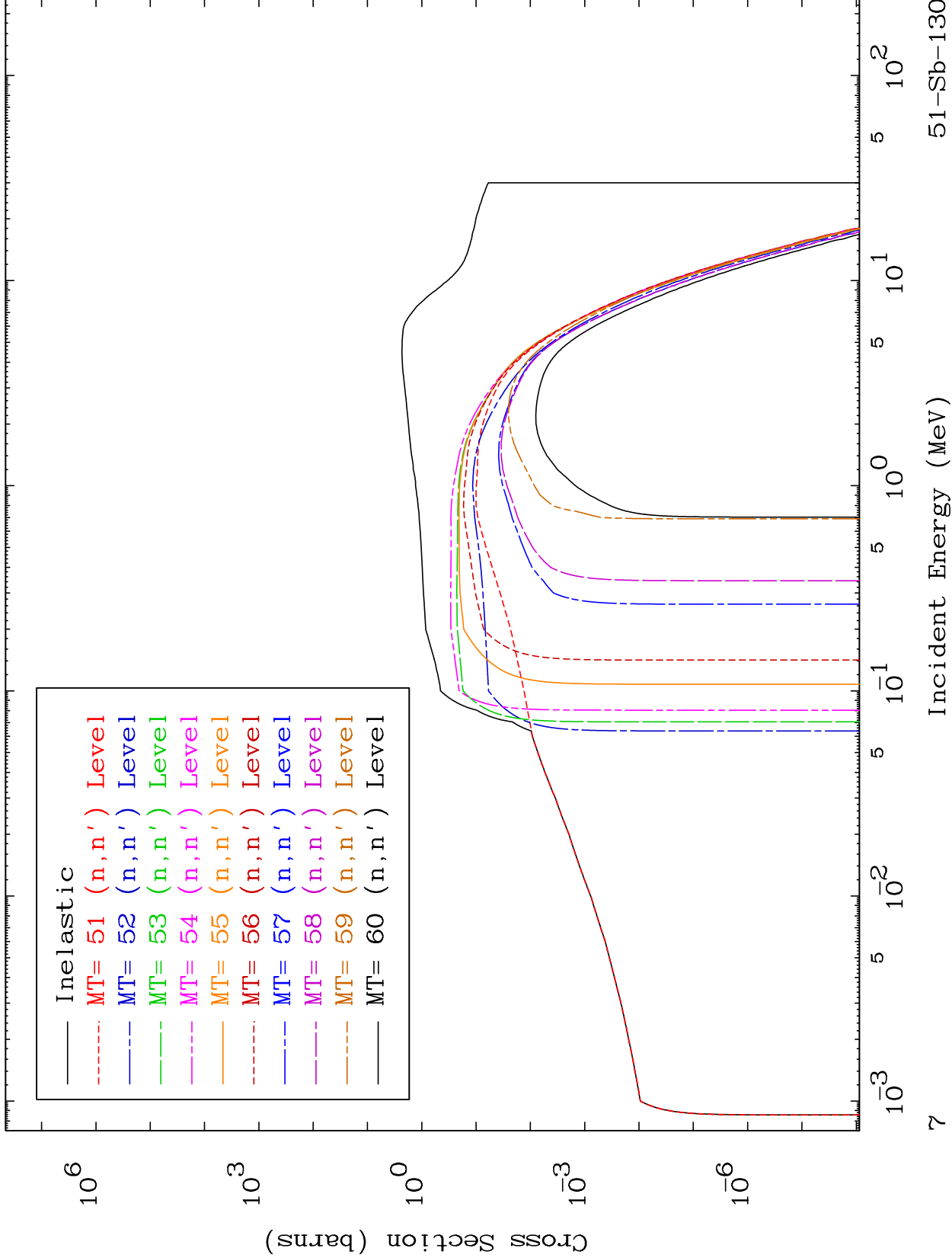
Incident Energy (MeV)

6

MAT 5153

(n,n') Level
293 Kelvin Cross Sections

51-Sb-130



51-Sb-130

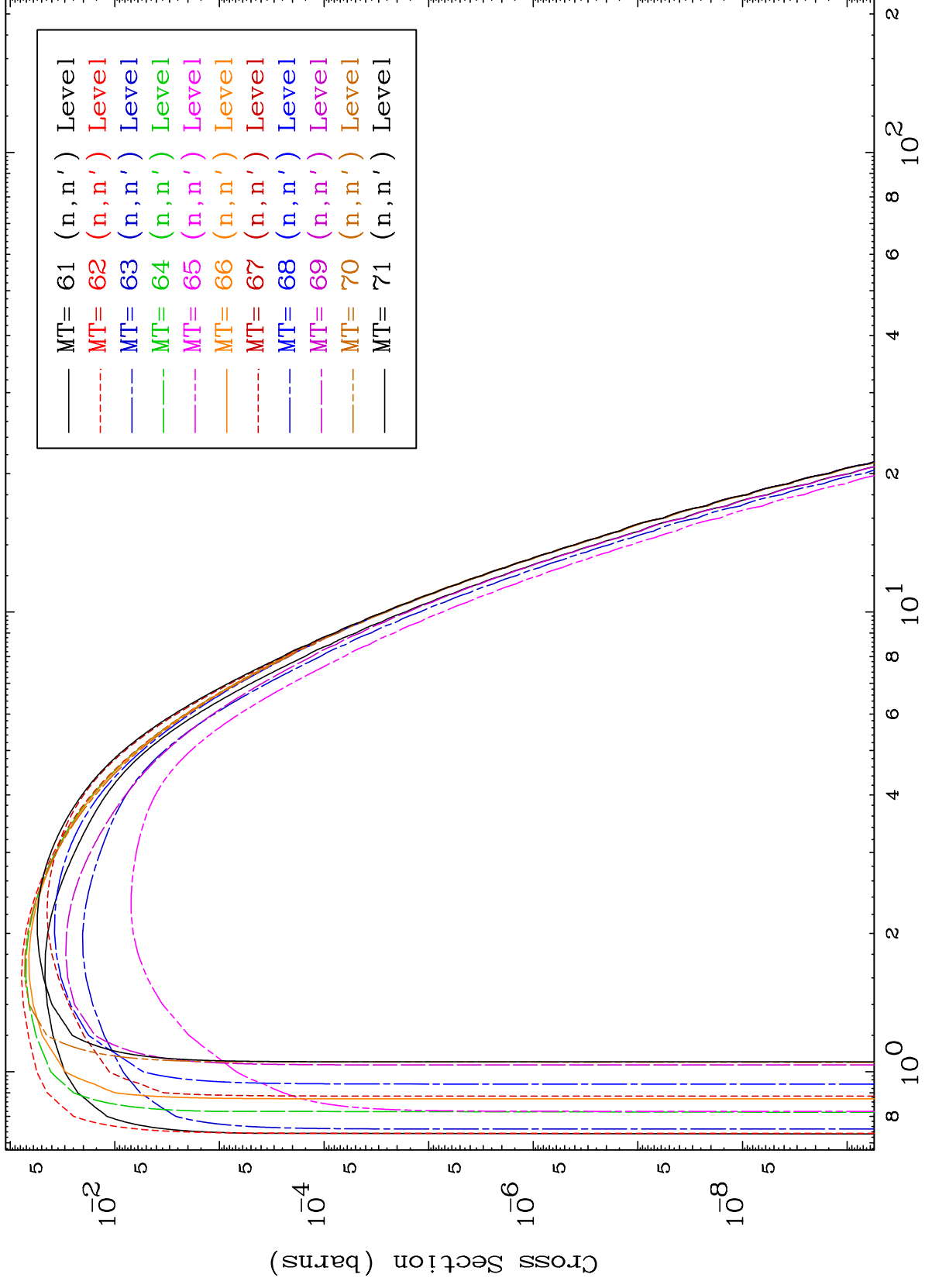
Incident Energy (MeV)

MAT 5153

(n,n') Level

51-Sb-130

293 Kelvin Cross Sections



8

Incident Energy (MeV)

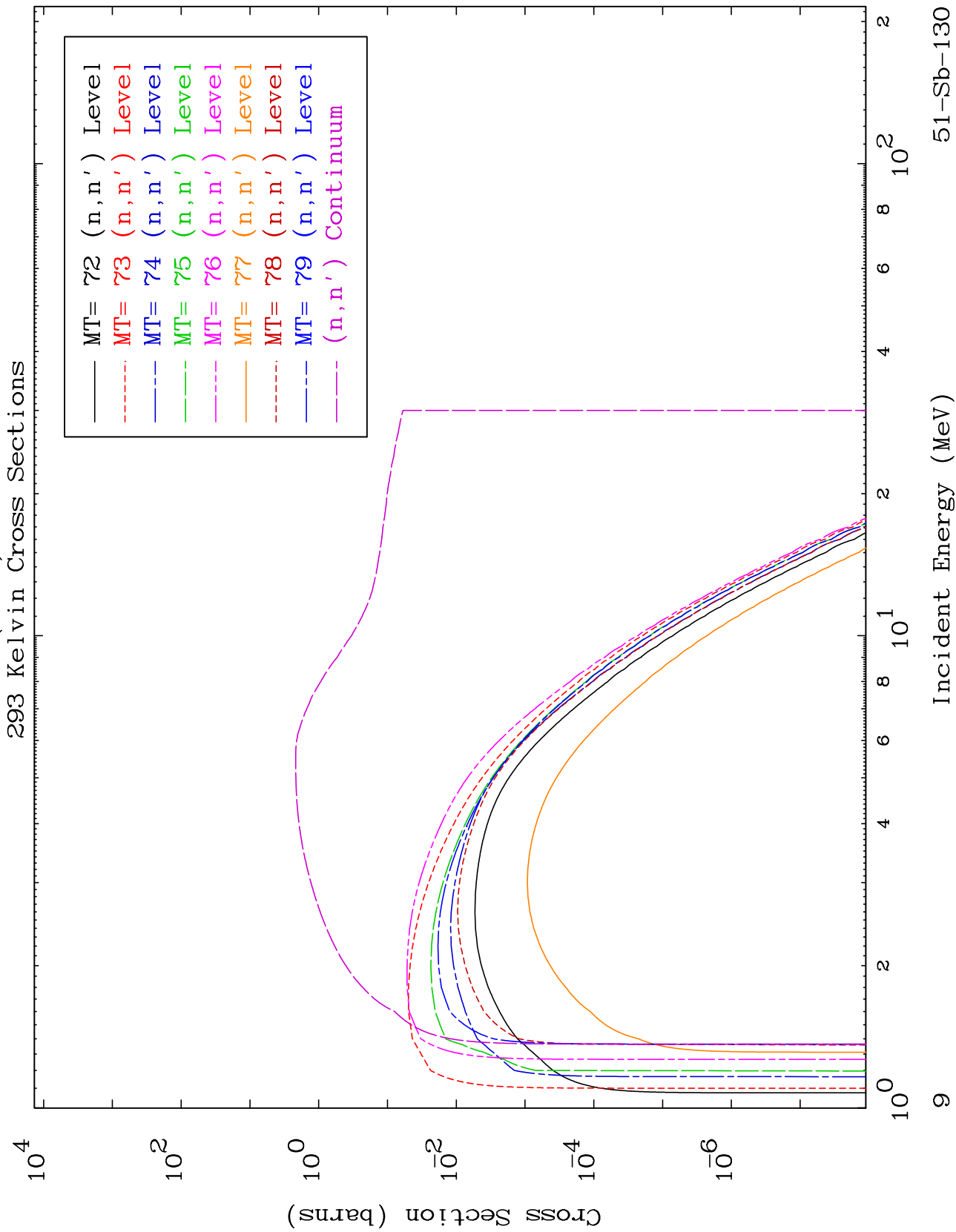
51-Sb-130

MAT 5153

(n,n') Level

51-Sb-130

293 Kelvin Cross Sections



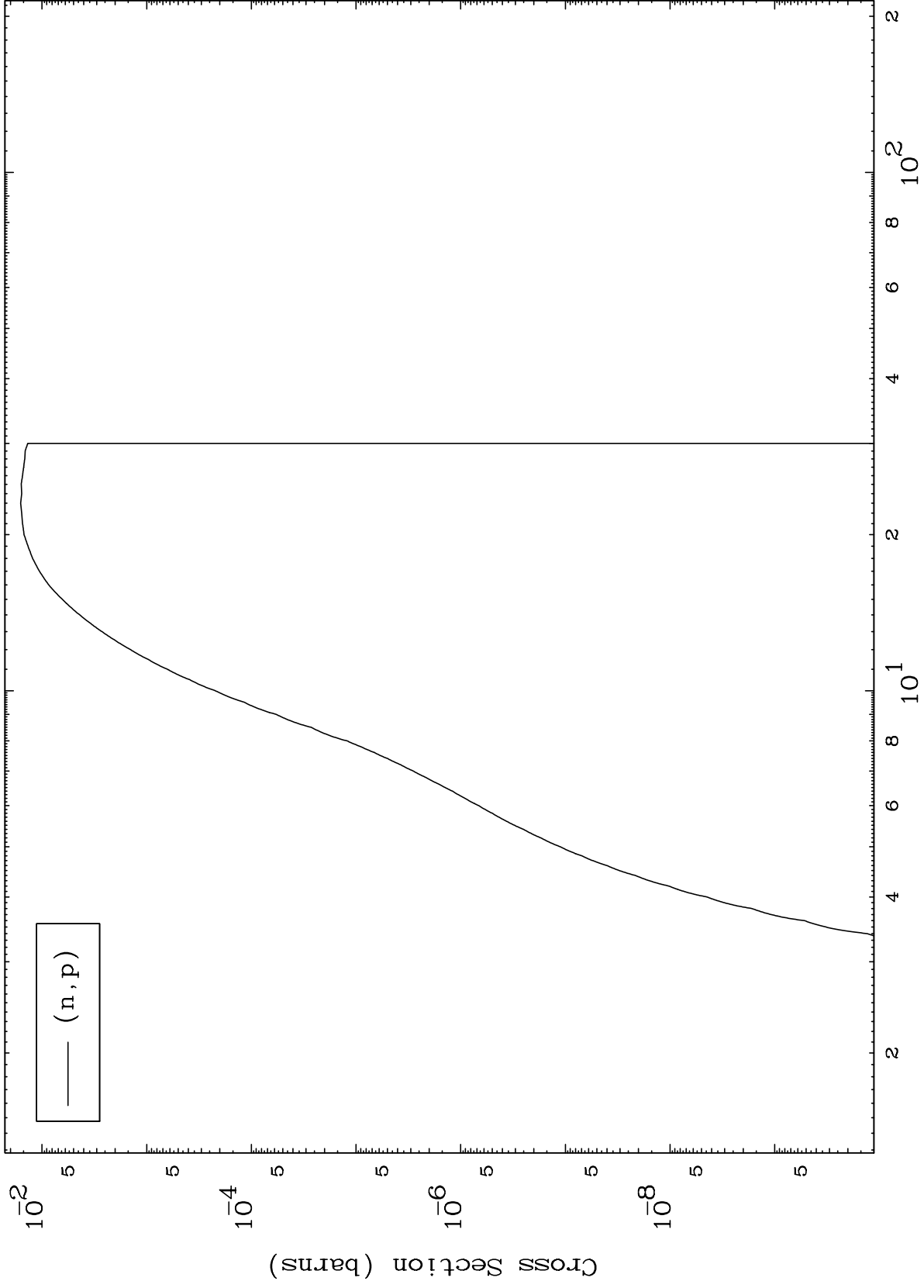
Incident Energy (MeV)

51-Sb-130

MAT 5153

(n,p) Levels
293 Kelvin Cross Sections

51-Sb-130



10

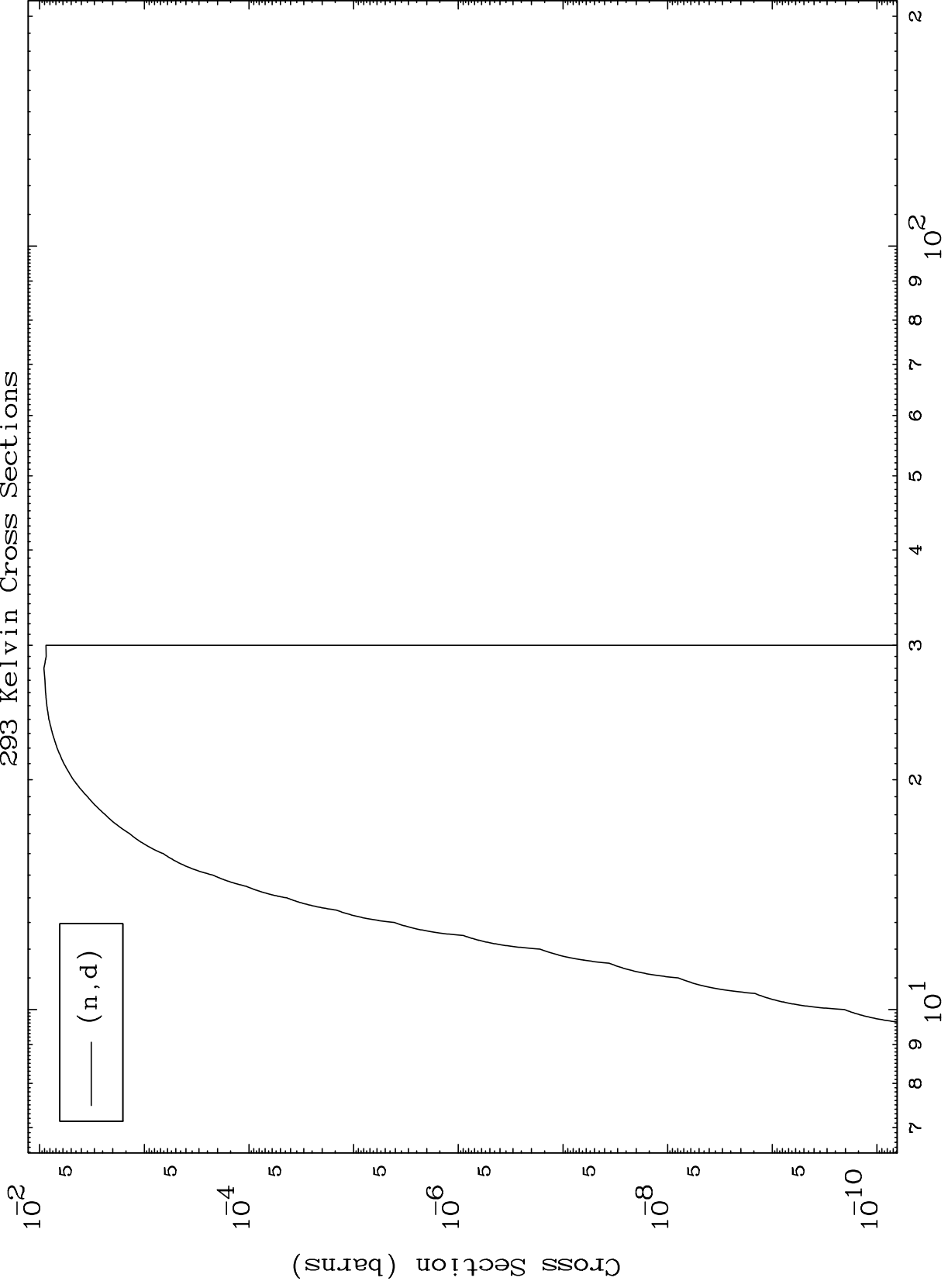
Incident Energy (MeV)

51-Sb-130

MAT 5153

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-130



11

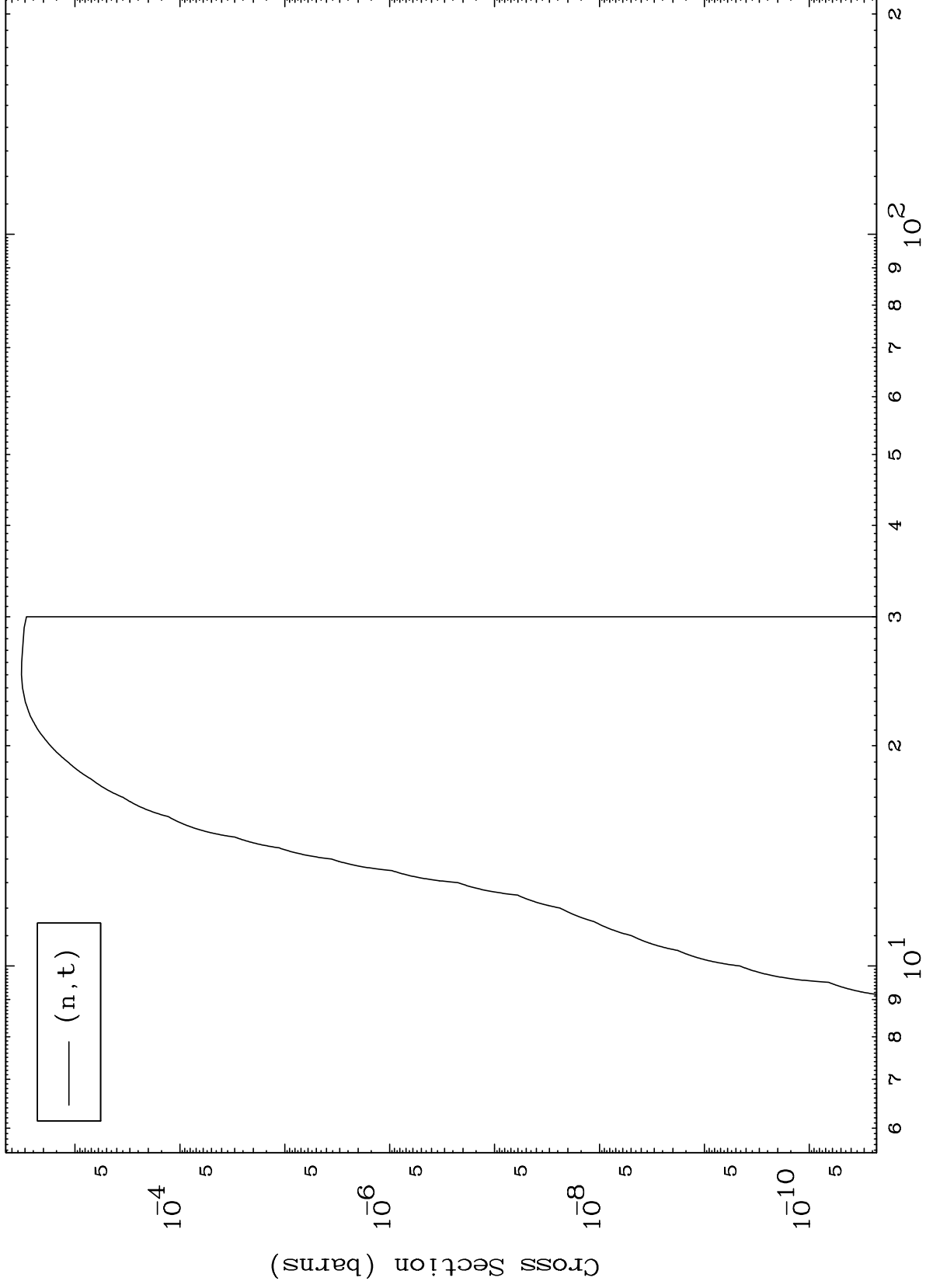
Incident Energy (MeV)

51-Sb-130

MAT 5153

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-130



12

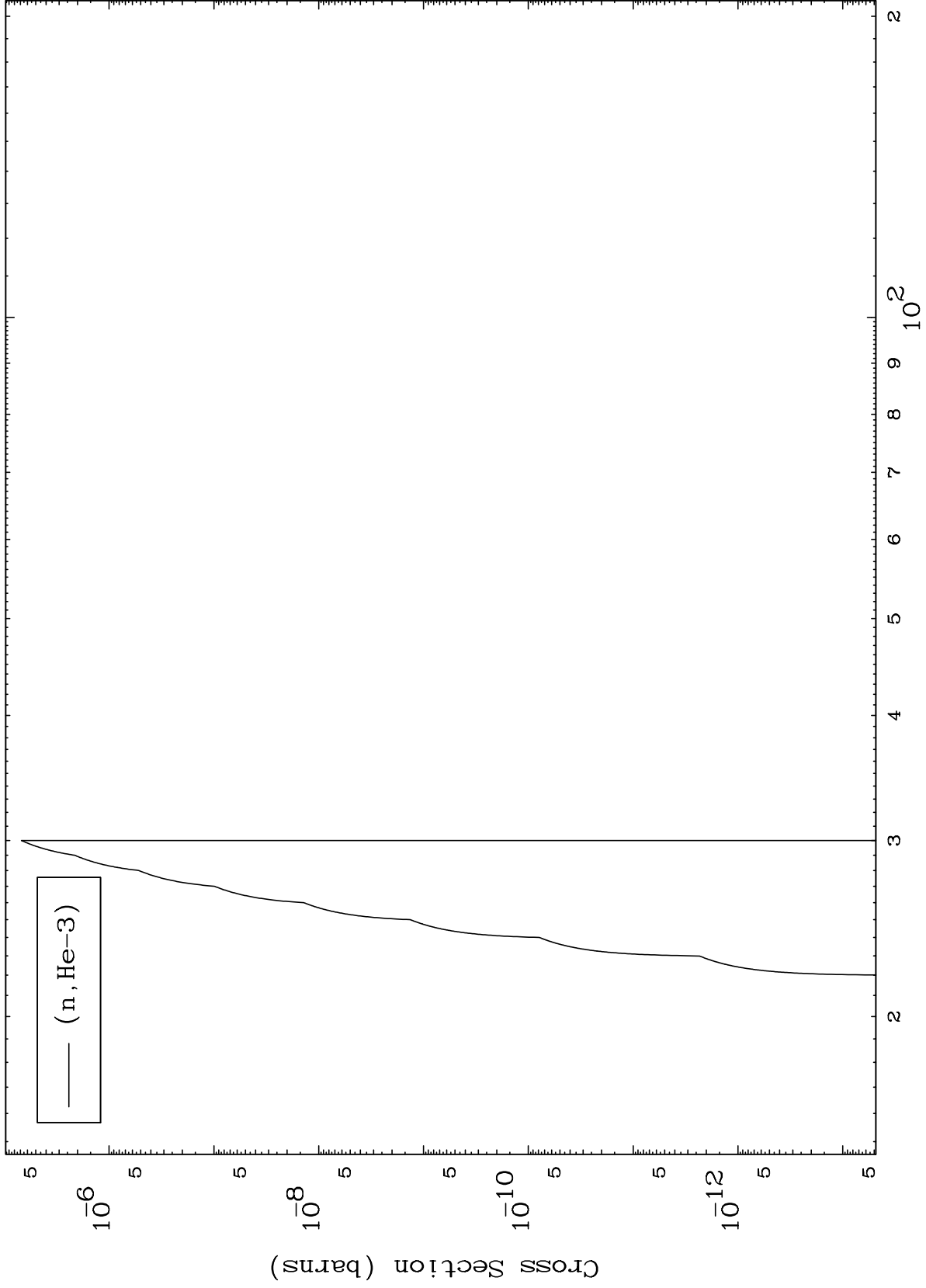
Incident Energy (MeV)

51-Sb-130

MAT 5153

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-130



13

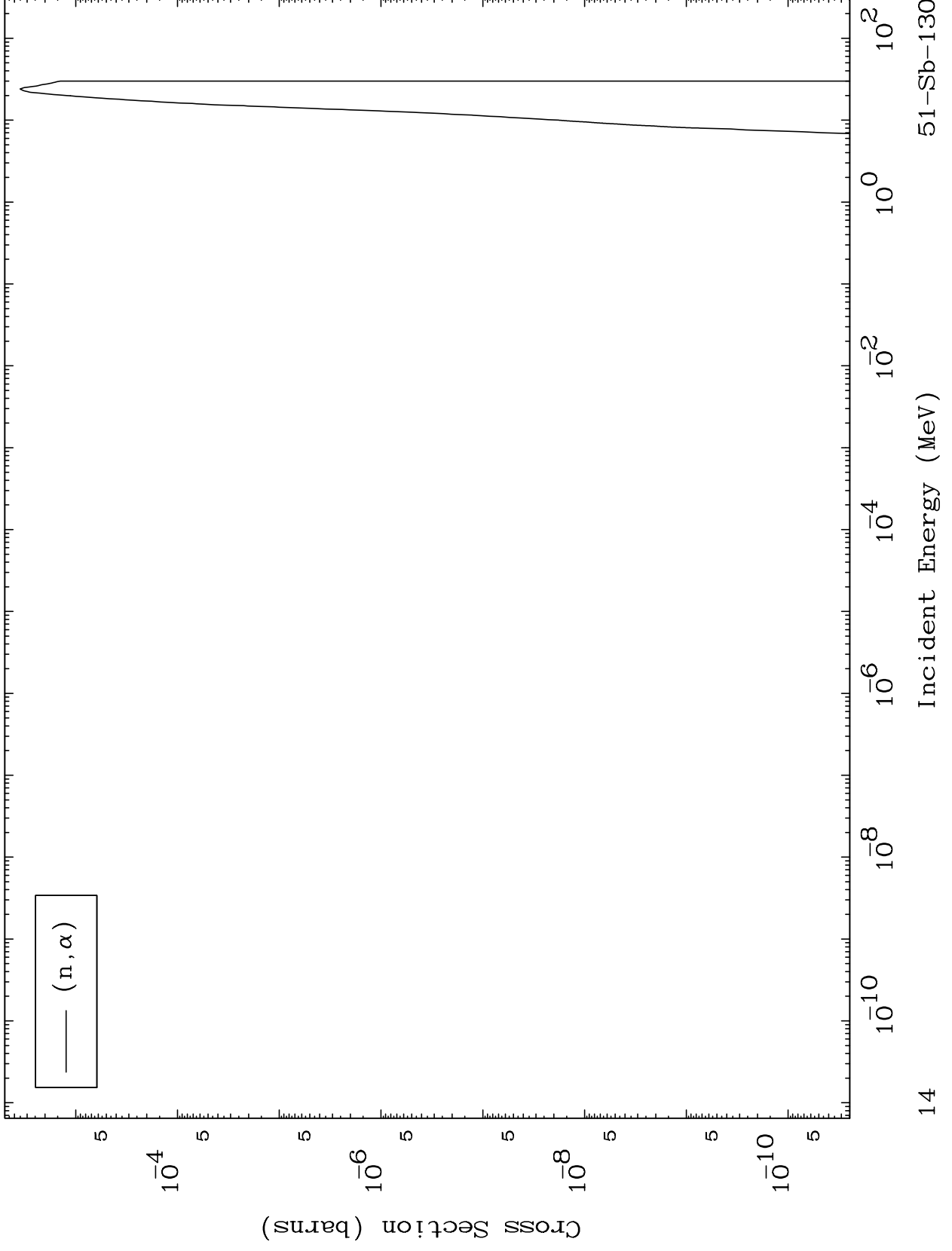
Incident Energy (MeV)

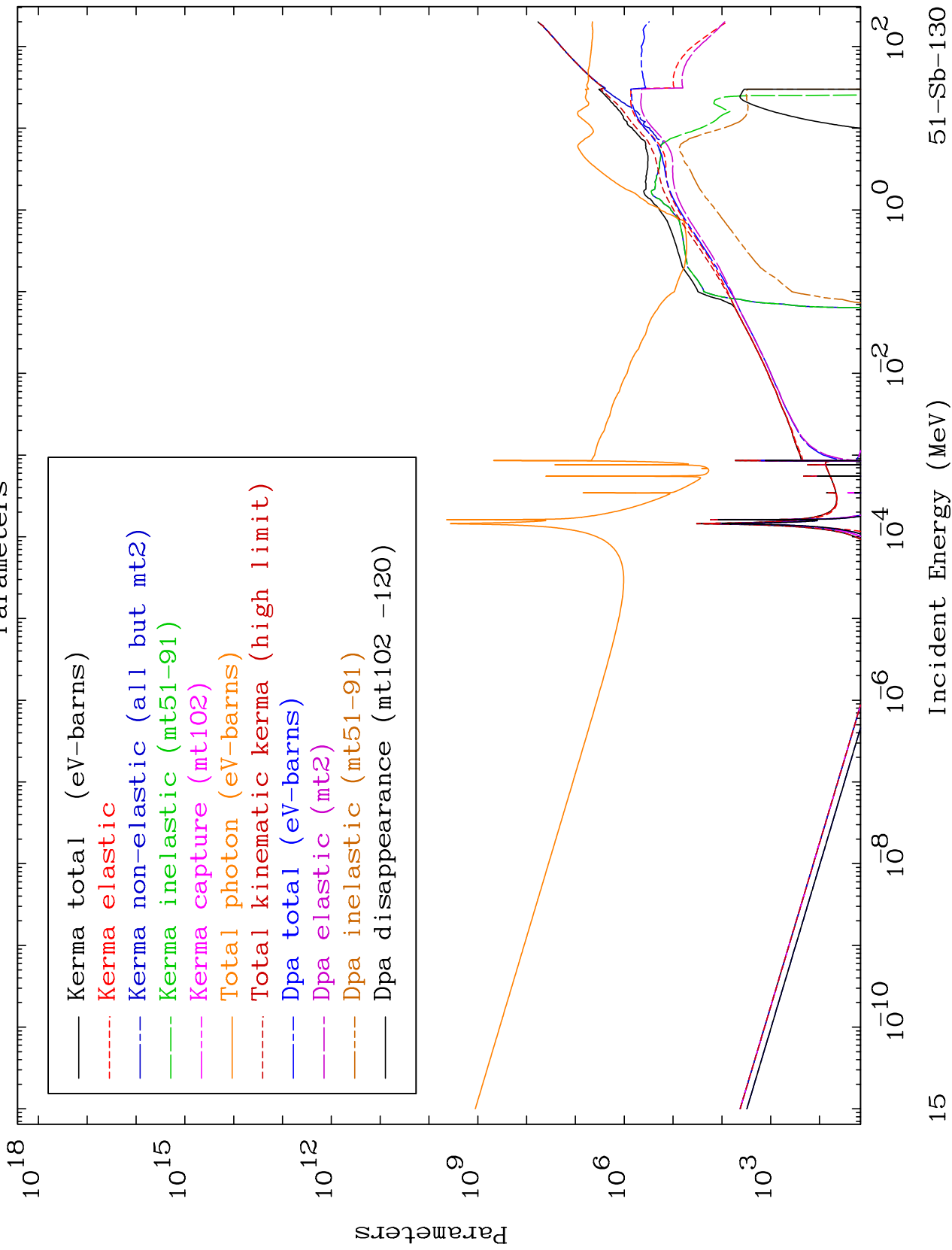
51-Sb-130

MAT 5153

(n, α) Levels
293 Kelvin Cross Sections

51-Sb-130

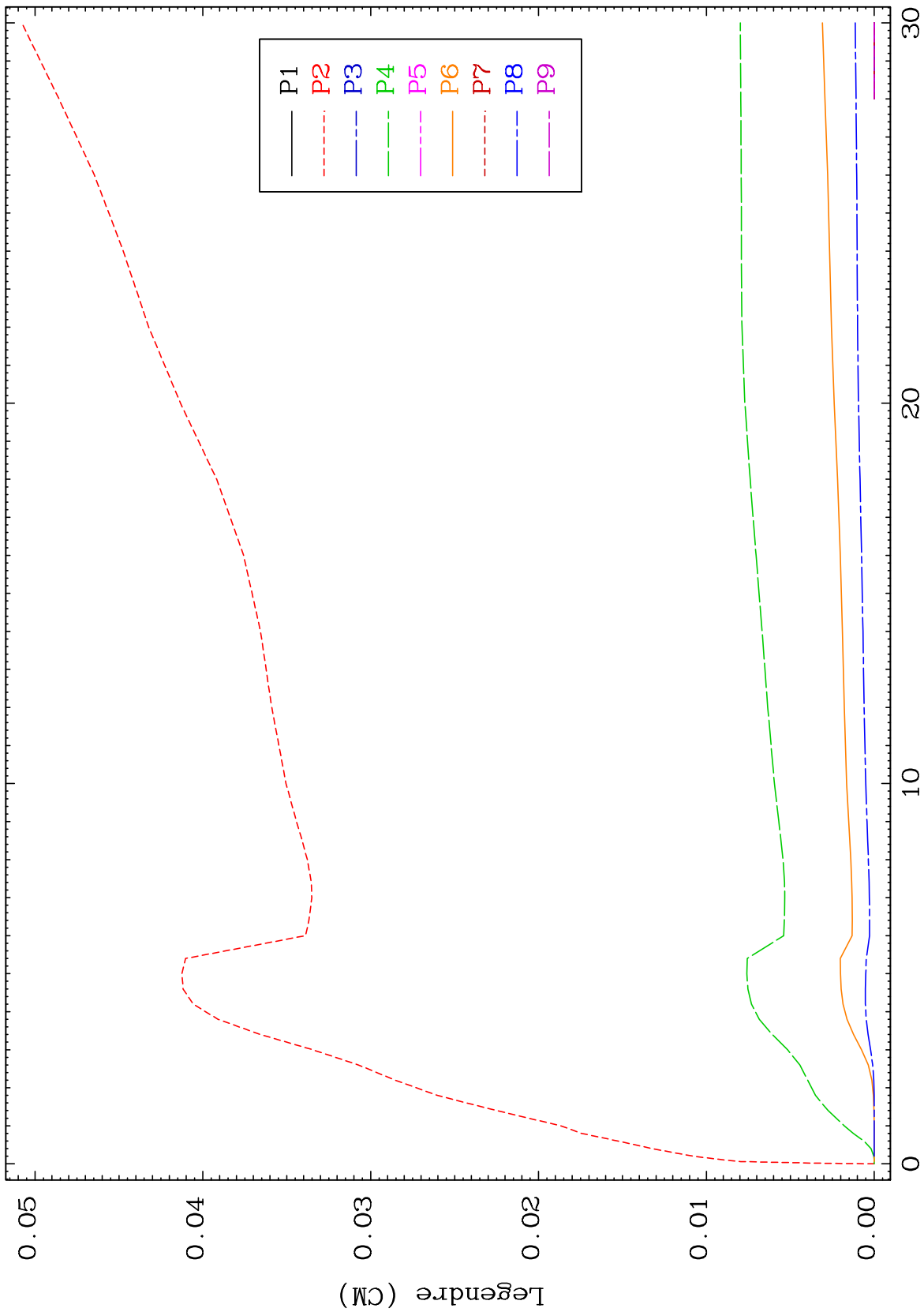




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Elastic Legendre Coefficients

51-Sb-130



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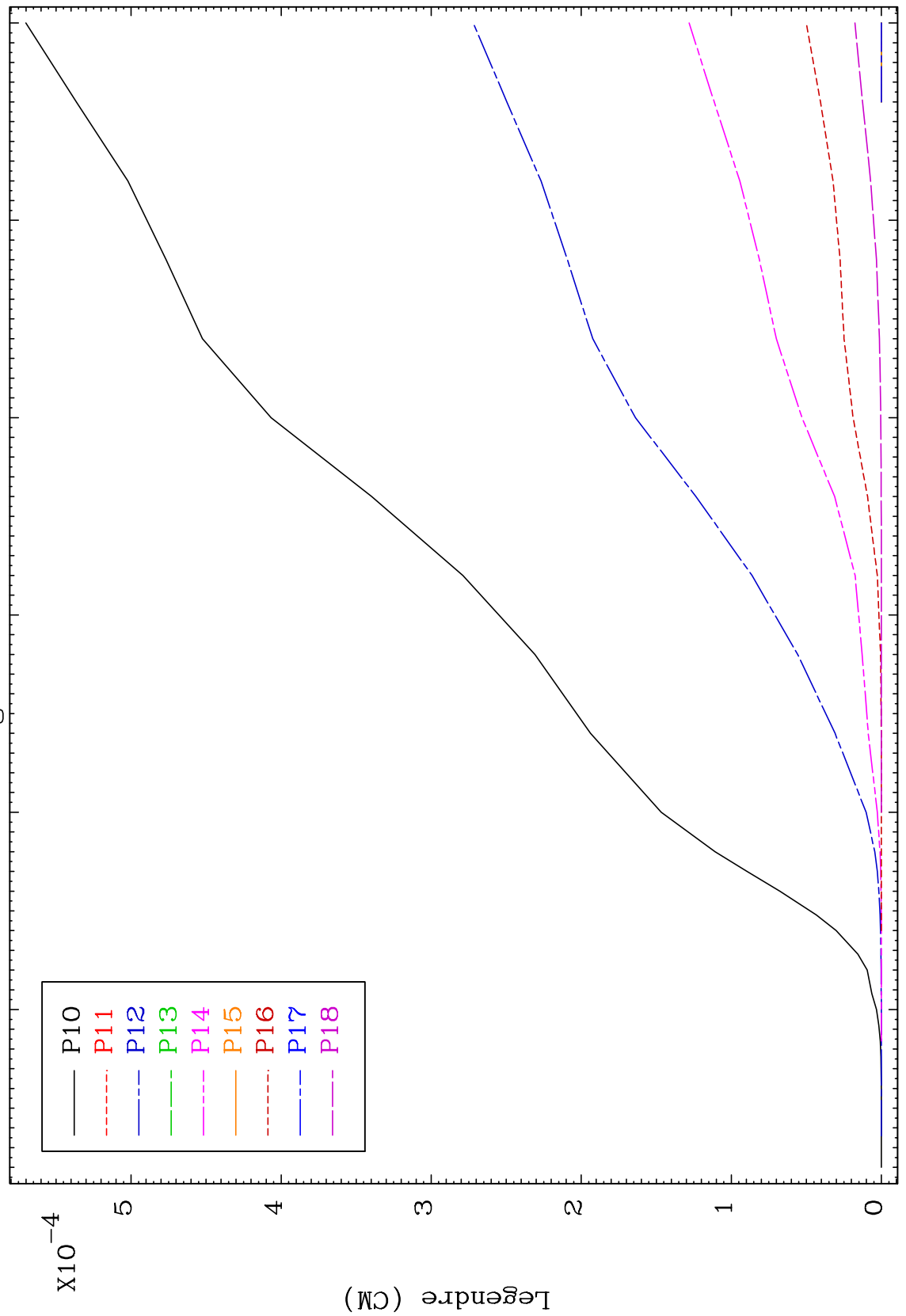
Incident Energy (MeV)

51-Sb-130

MAT 5153

Elastic Legendre Coefficients

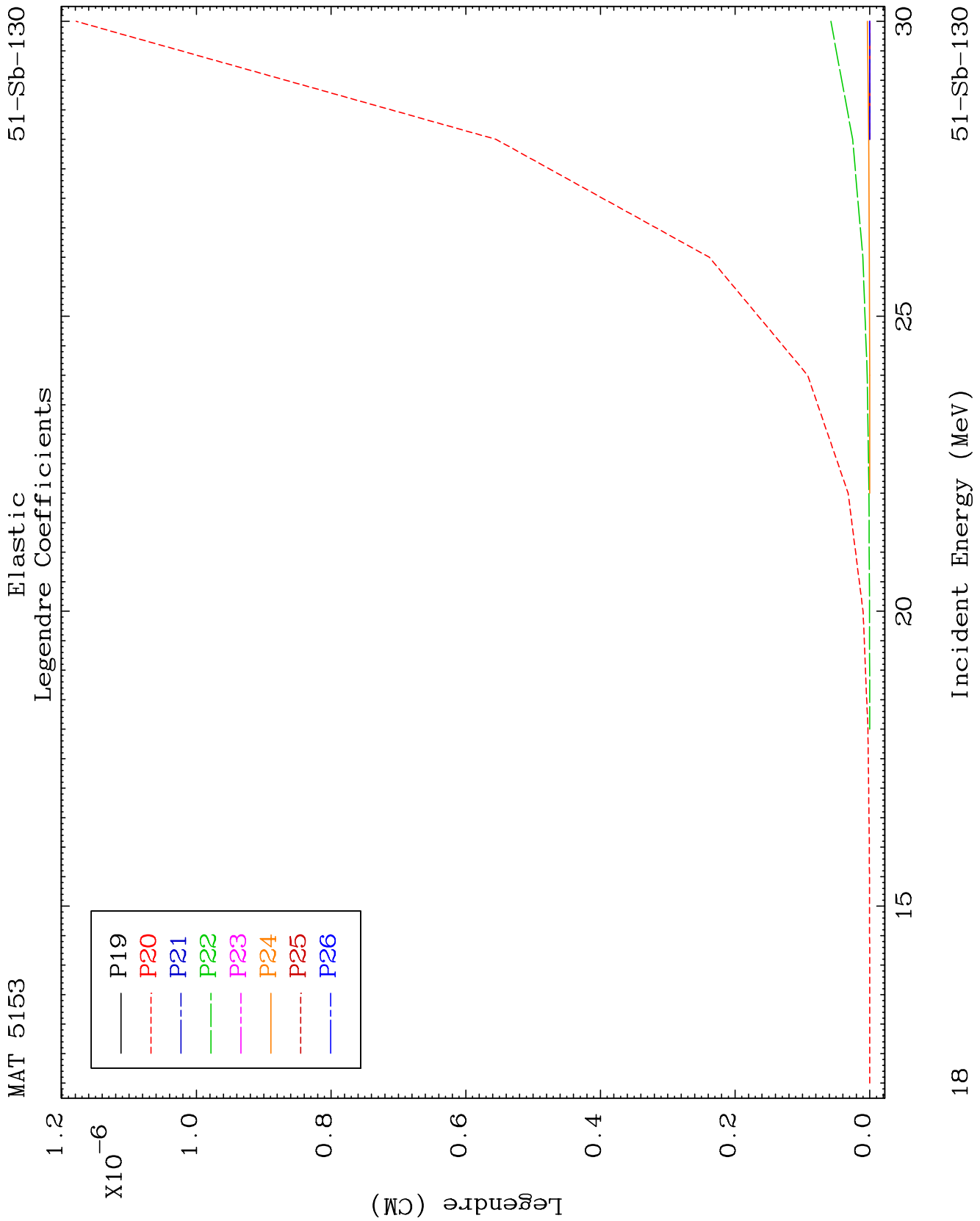
51-Sb-130



17

Incident Energy (MeV)

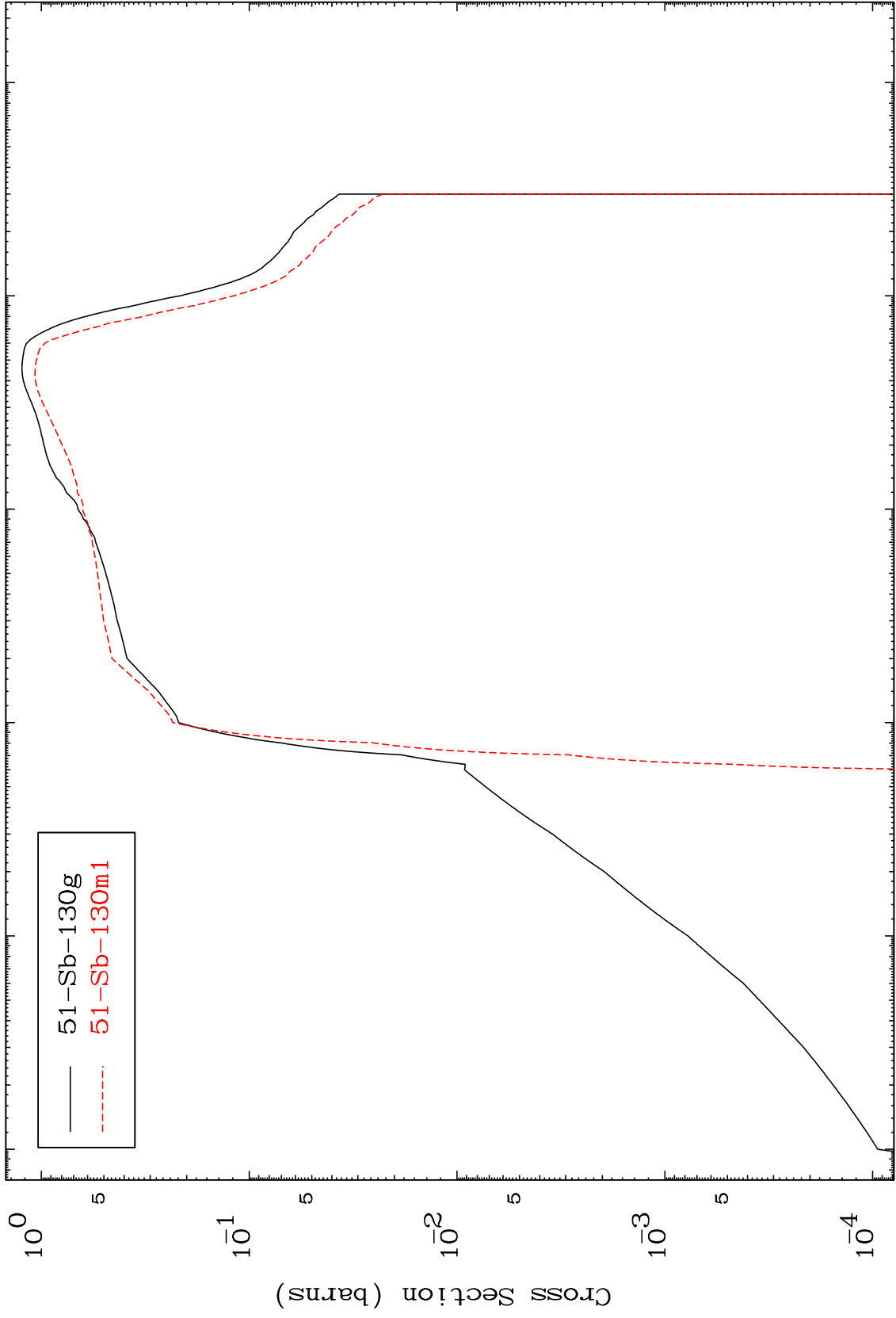
51-Sb-130



MAT 5153

51-Sb-130

Inelastic
Radionuclide Production Cross Section



51-Sb-130g
51-Sb-130m1

51-Sb-130

Incident Energy (MeV)

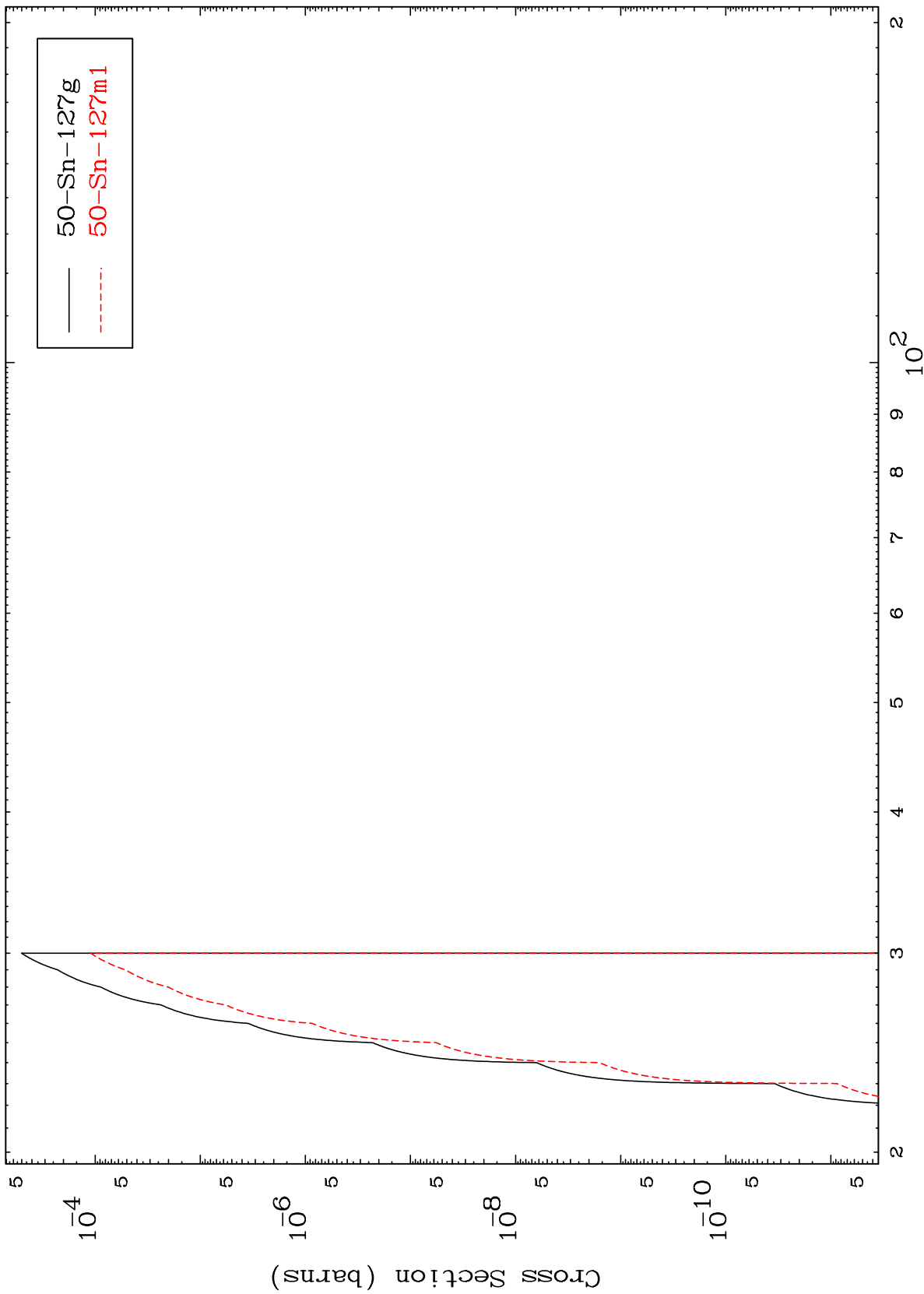
19

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(n,2n) d

51-Sb-130

Radionuclide Production Cross Section



20

Incident Energy (MeV)

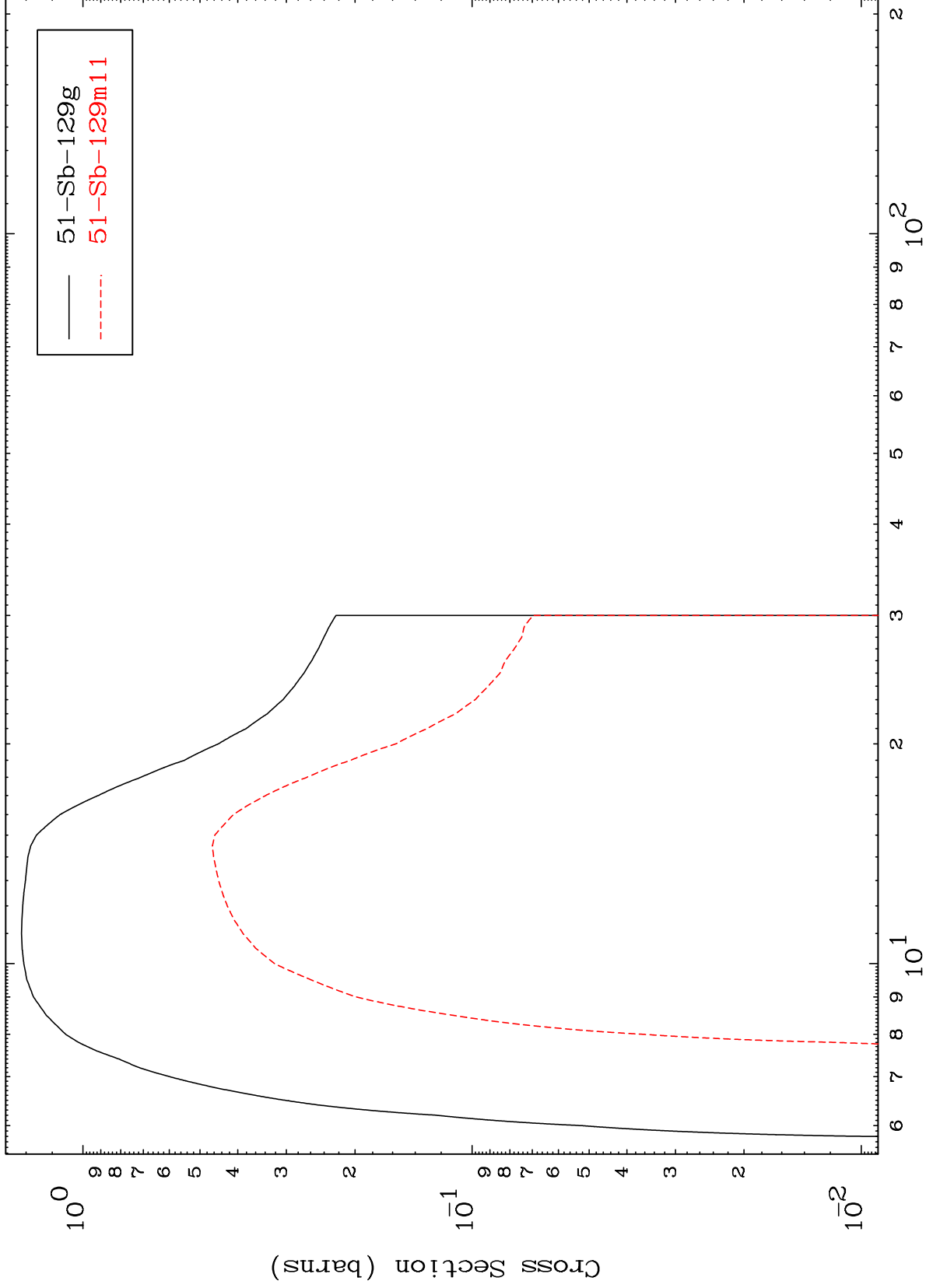
51-Sb-130

MAT 5153

(n,2n)

51-Sb-130

Radionuclide Production Cross Section



21

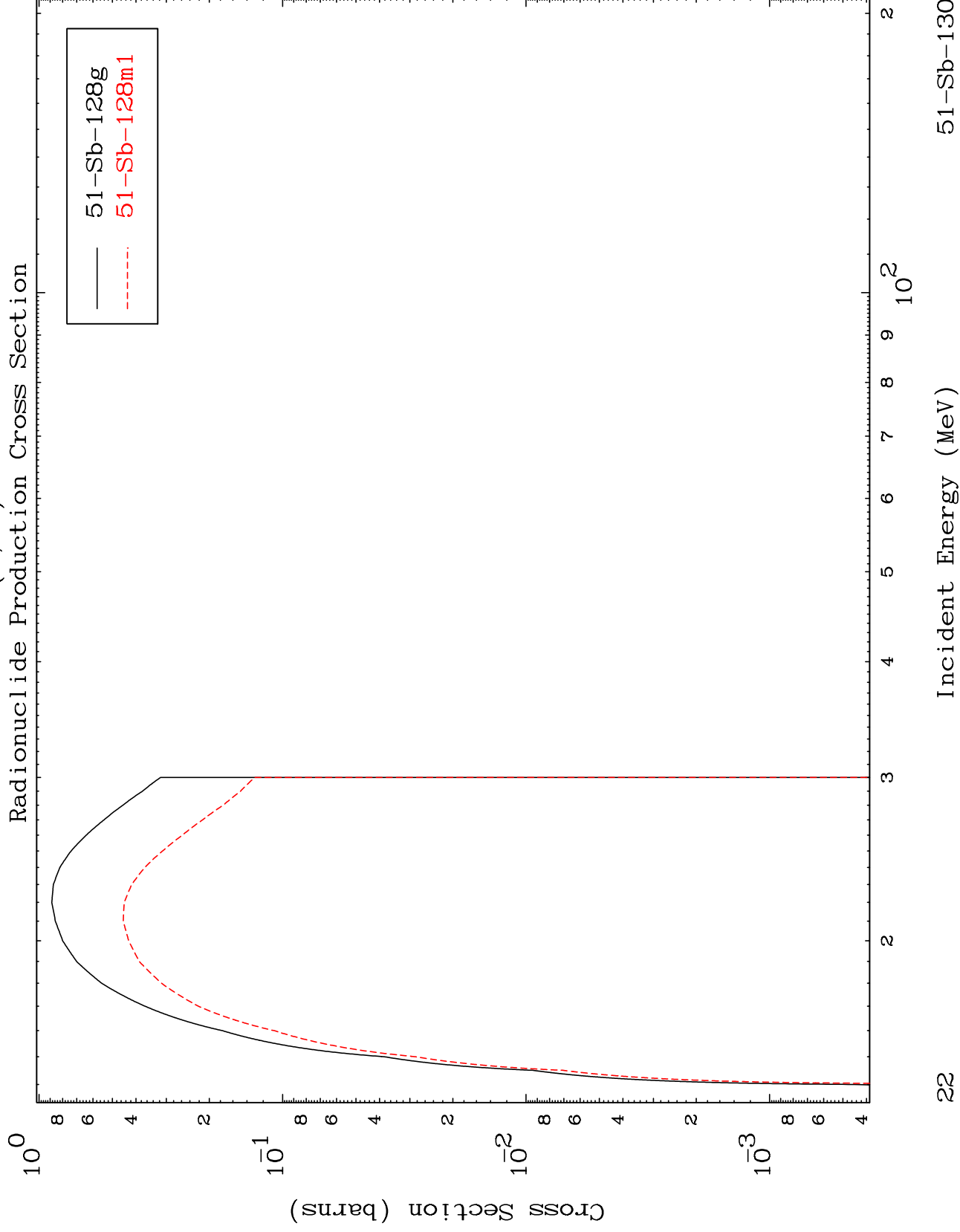
Incident Energy (MeV)

51-Sb-130

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(n,3n)

51-Sb-130



22

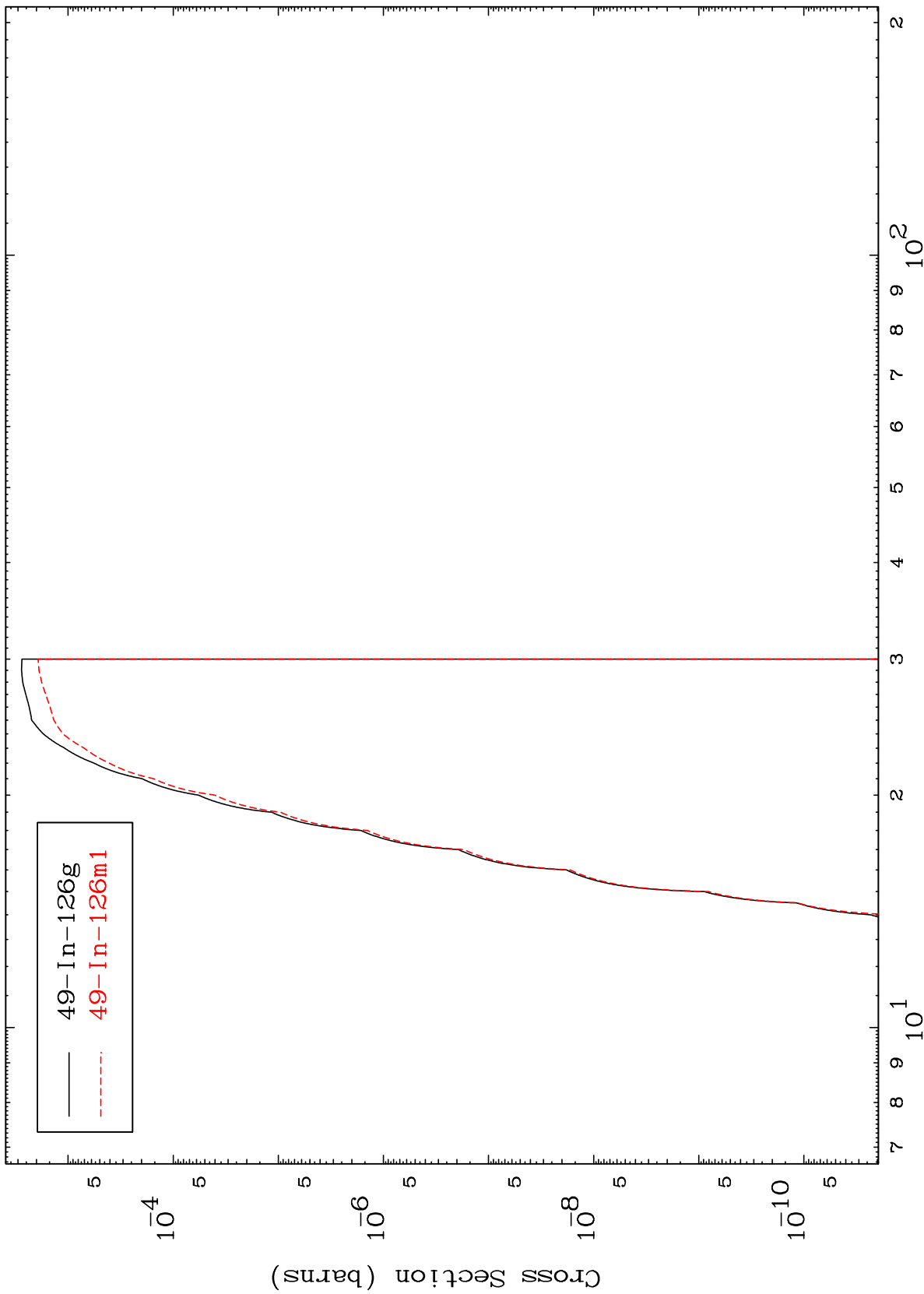
Incident Energy (MeV)

51-Sb-130

MAT 5153

51-Sb-130

(n,n') α
Radionuclide Production Cross Section

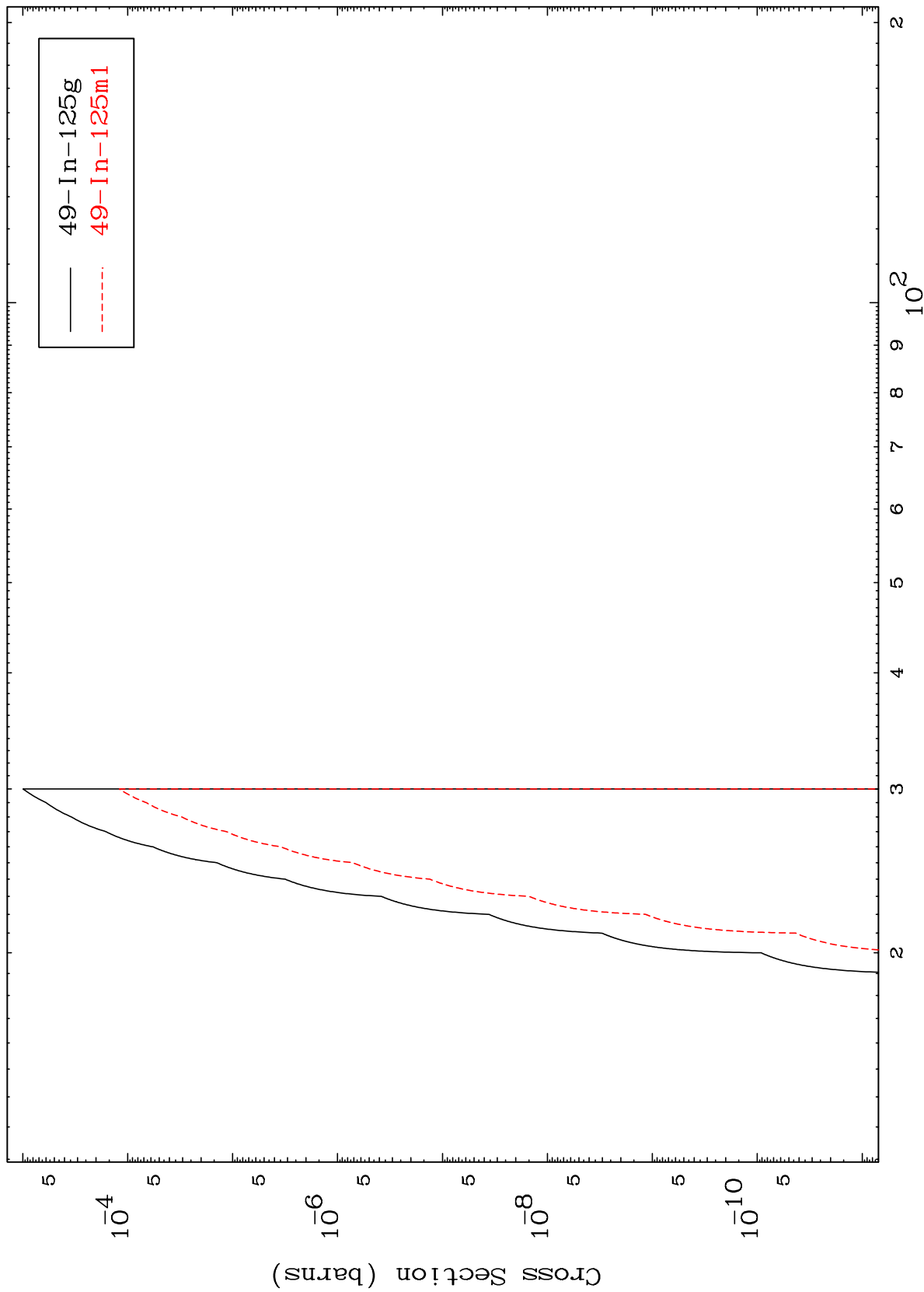


23

Incident Energy (MeV)

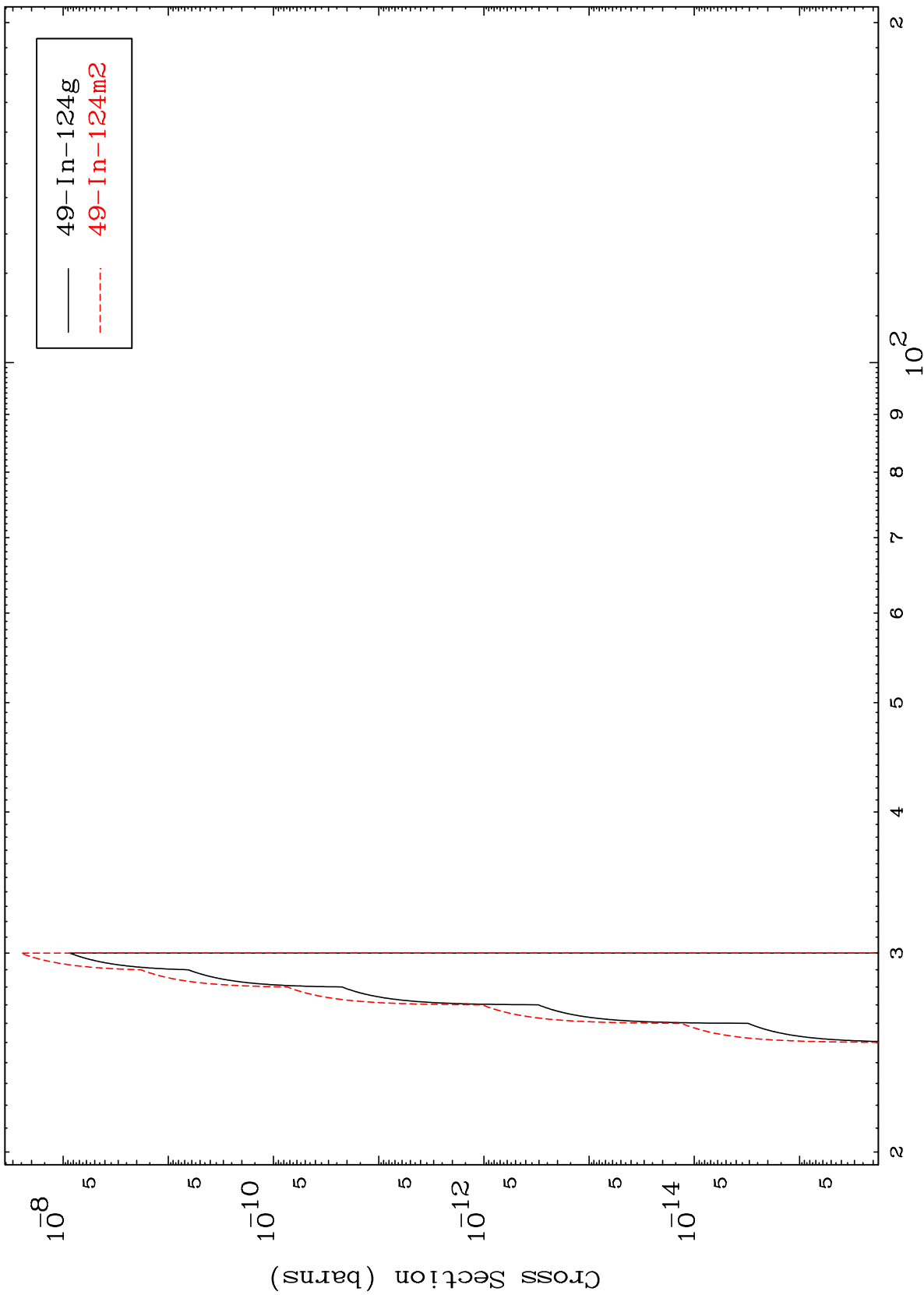
51-Sb-130

Radionuclide Production Cross Section



49-In-125g
49-In-125m1

Radionuclide Production Cross Section

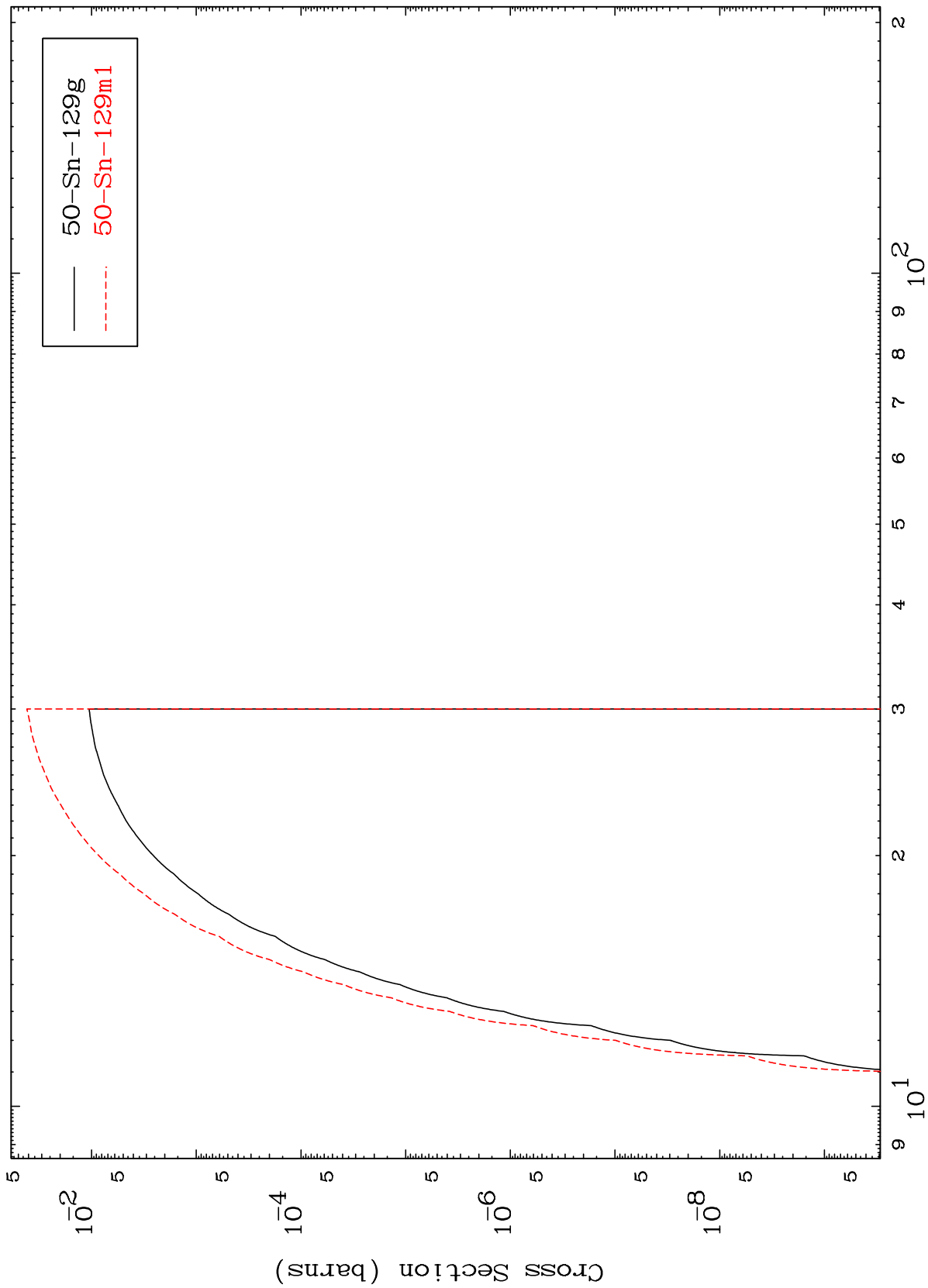


MAT 5153

(n,n') p

51-Sb-130

Radionuclide Production Cross Section

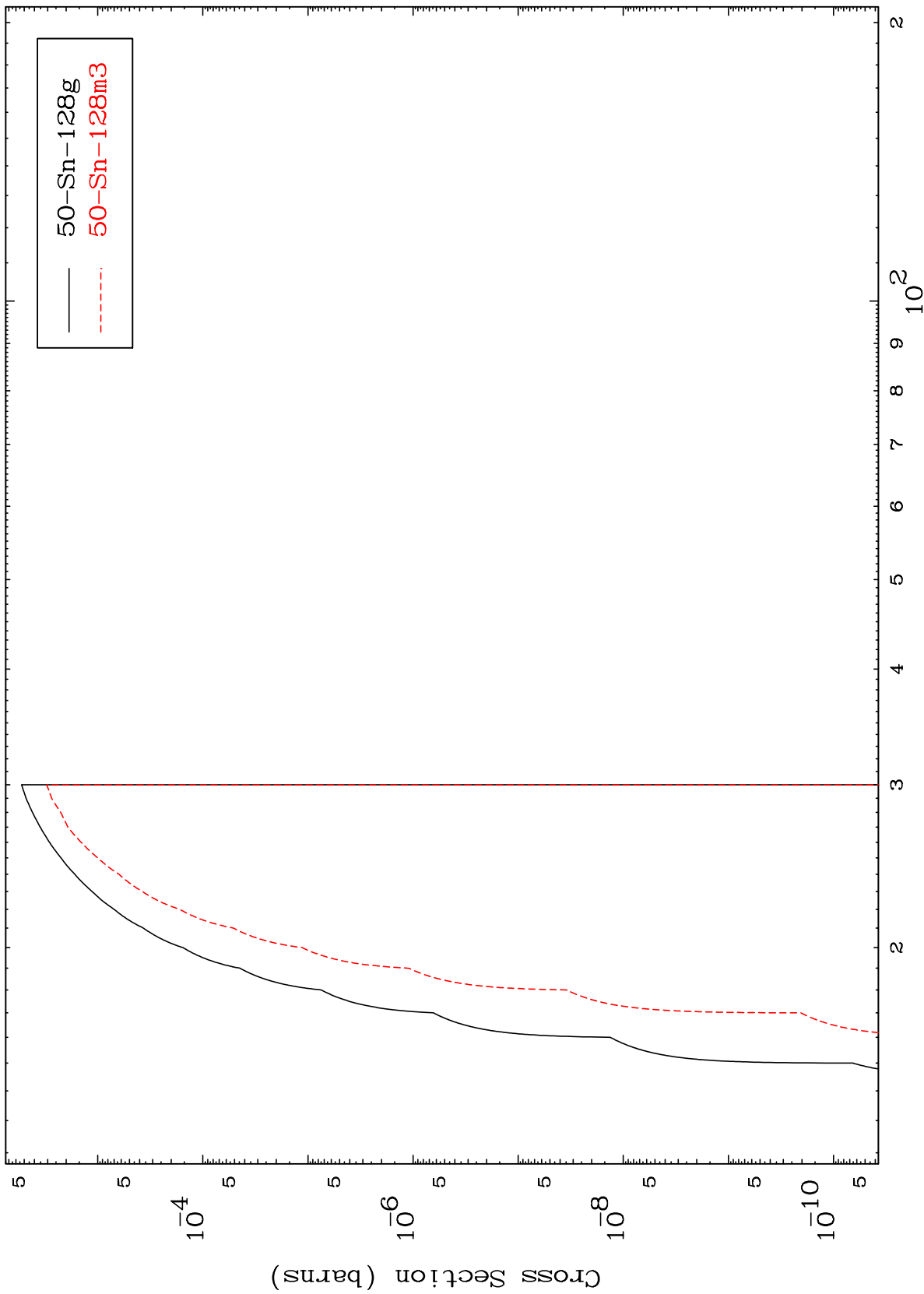


Incident Energy (MeV)

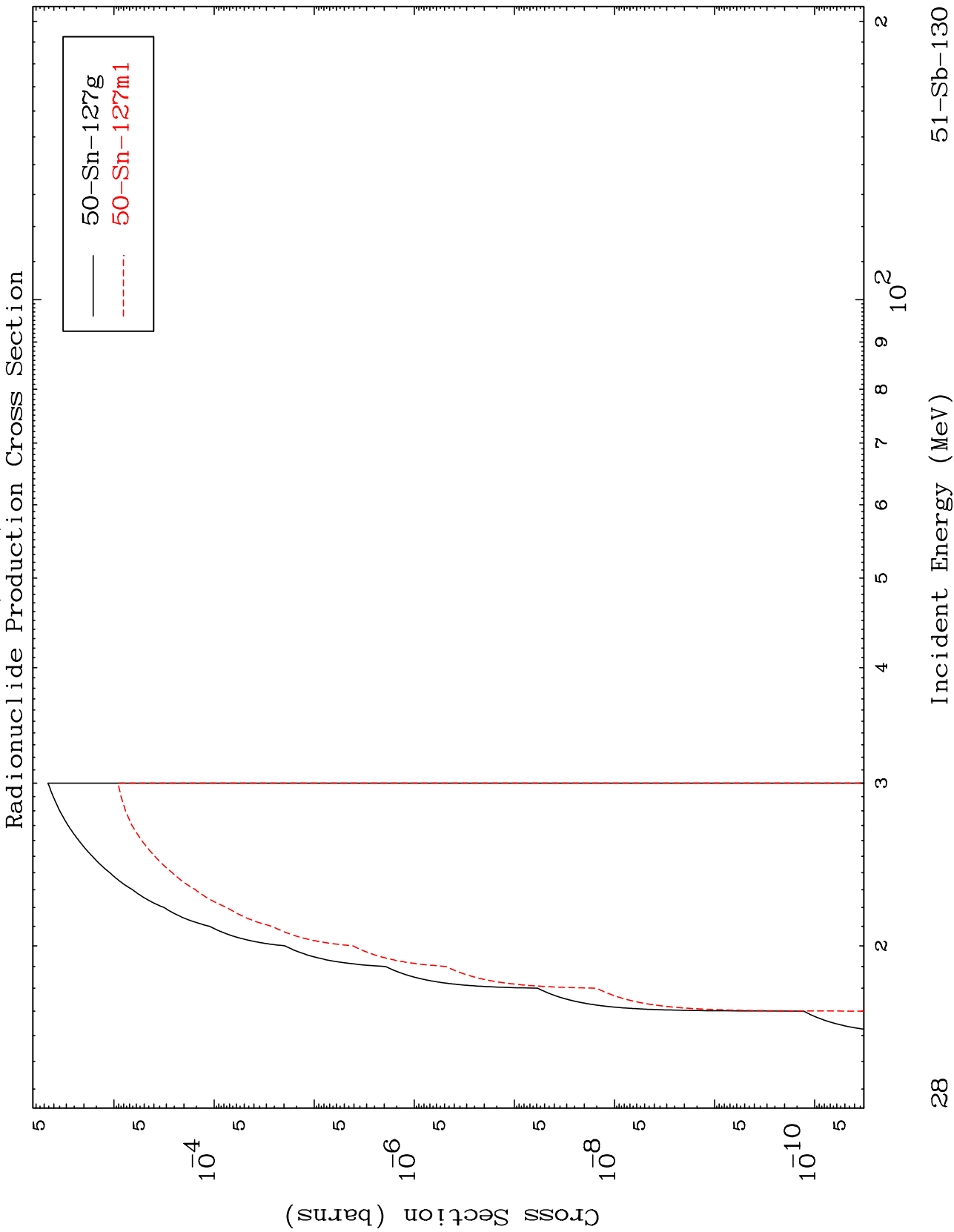
51-Sb-130

26

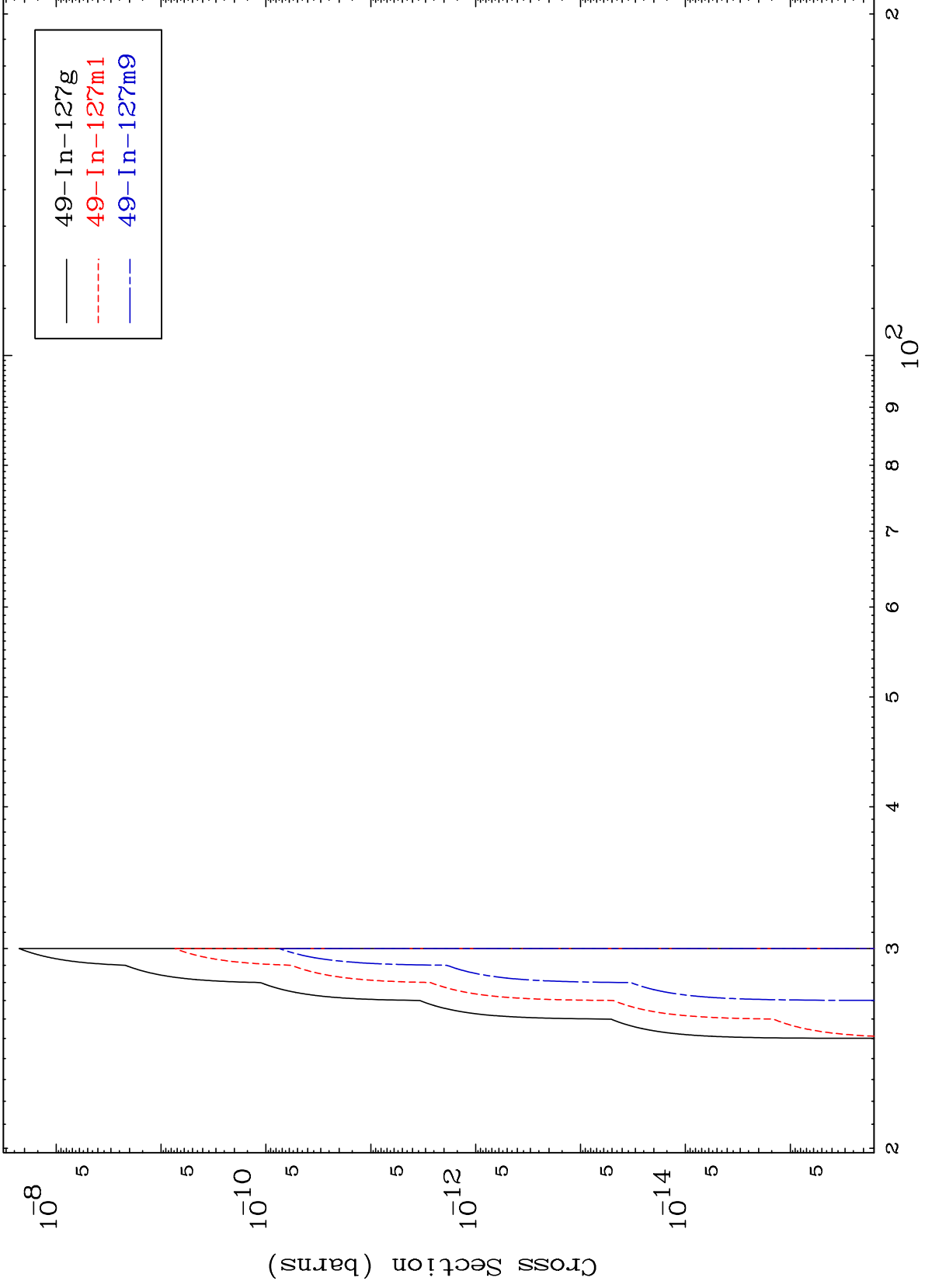
Radionuclide Production Cross Section



50-Sn-128g
50-Sn-128m3



Radionuclide Production Cross Section

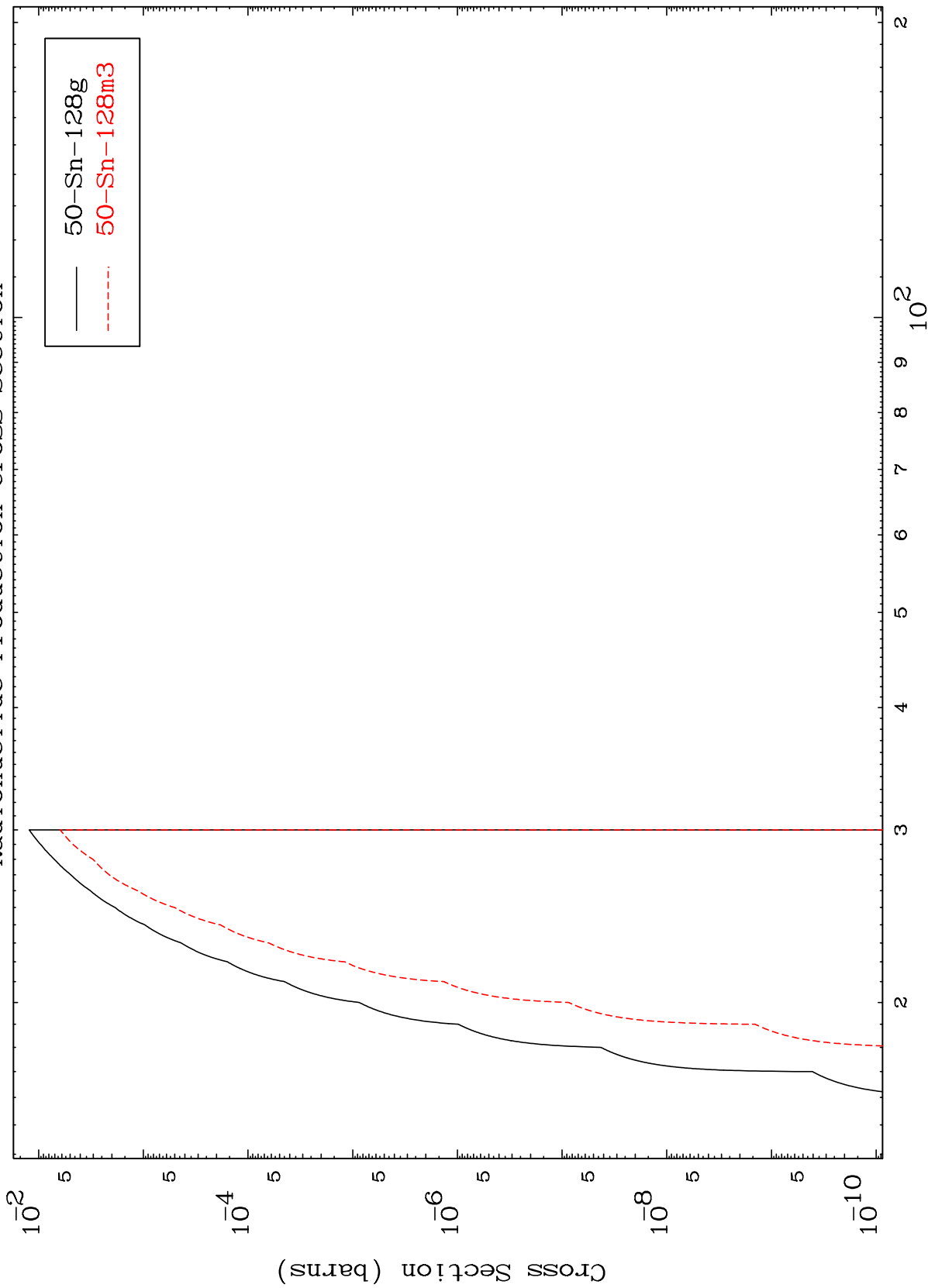


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(n,2n) p

51-Sb-130

Radionuclide Production Cross Section



30

Incident Energy (MeV)

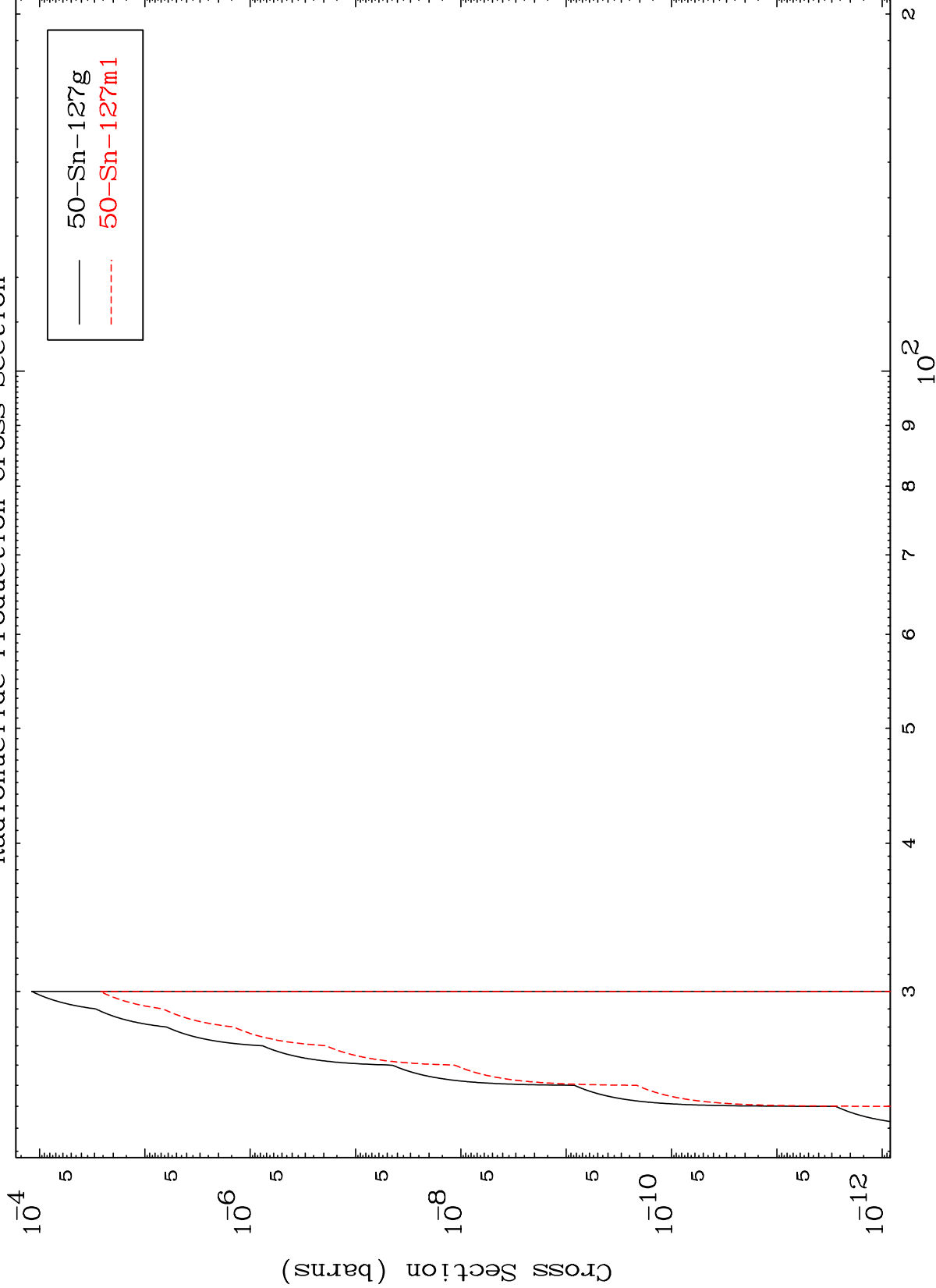
51-Sb-130

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(n,3n) p

51-Sb-130

Radionuclide Production Cross Section



50-Sn-127g
50-Sn-127m1

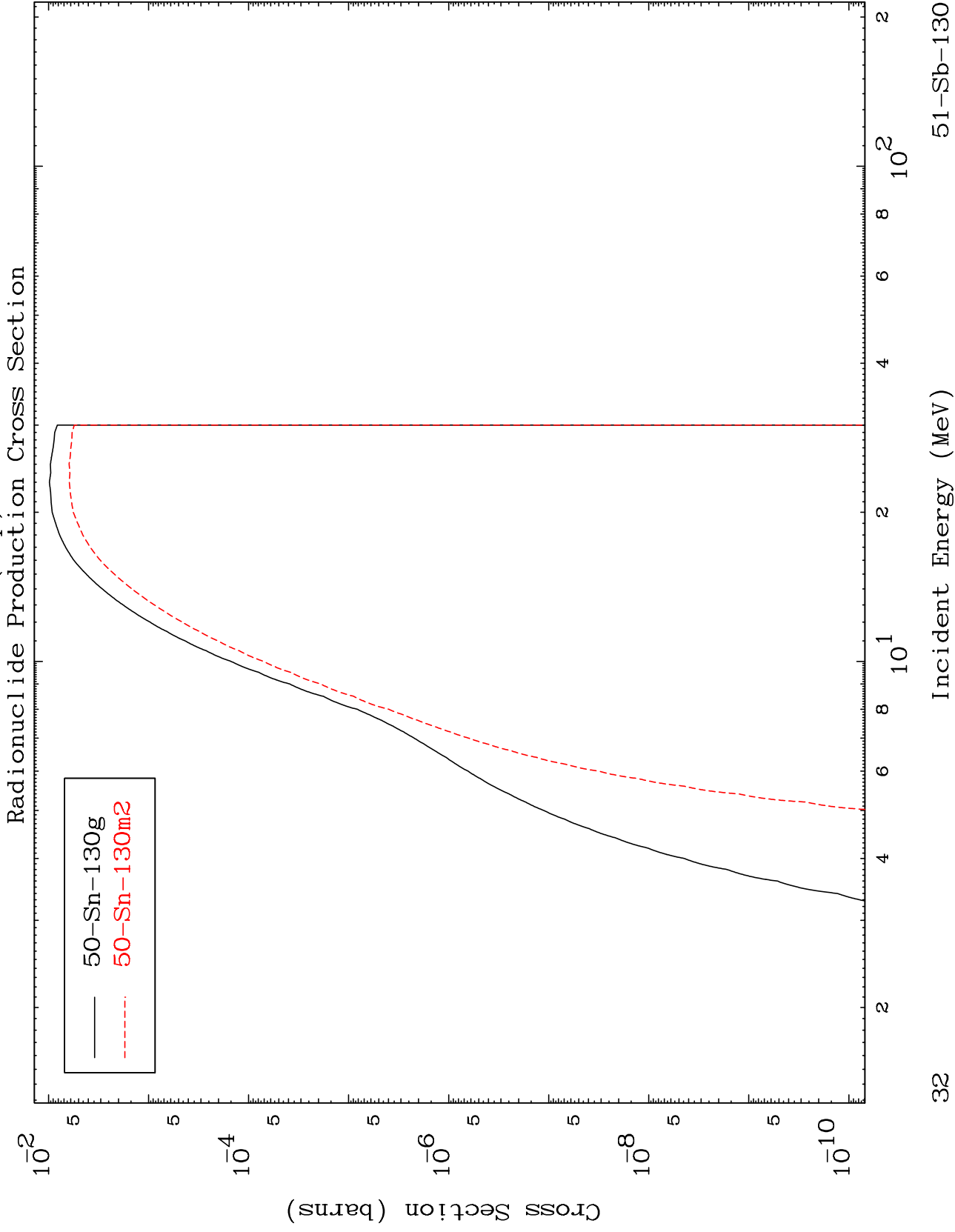
31

Incident Energy (MeV)

51-Sb-130

MAT 5153

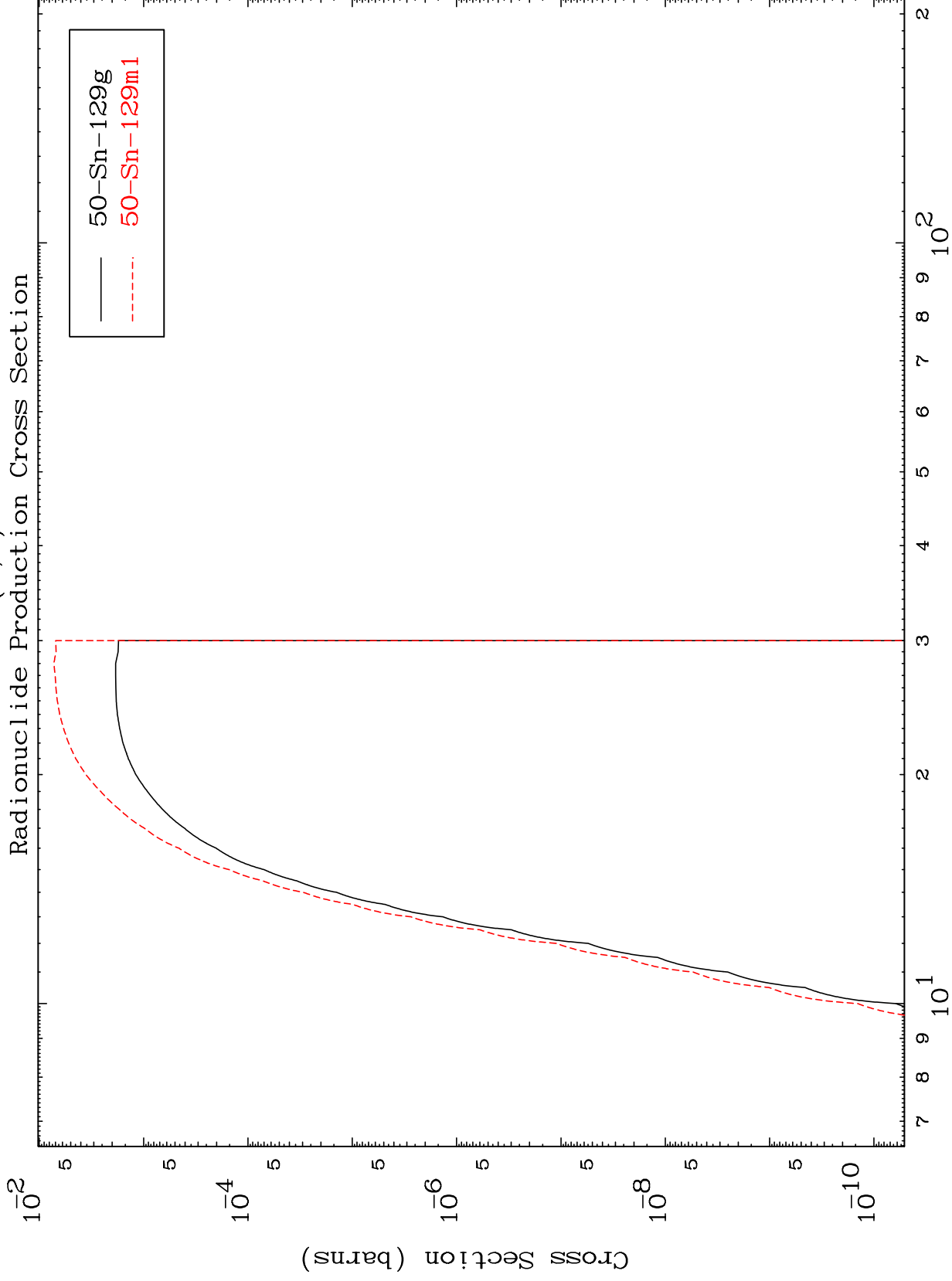
51-Sb-130



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(n,d)

51-Sb-130



33

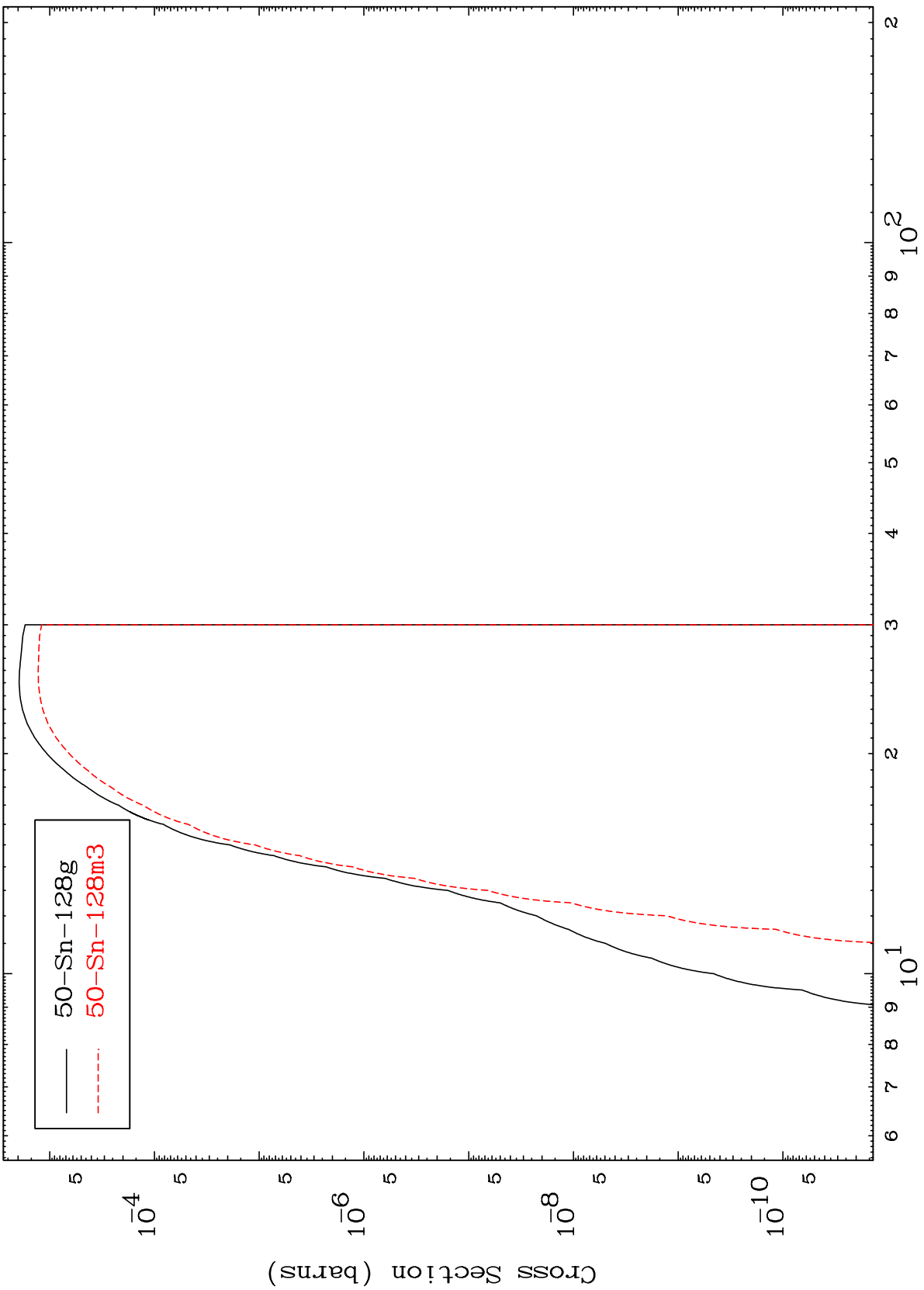
Incident Energy (MeV)

51-Sb-130

MAT 5153

51-Sb-130

(n,t)
Radionuclide Production Cross Section



34

Incident Energy (MeV)

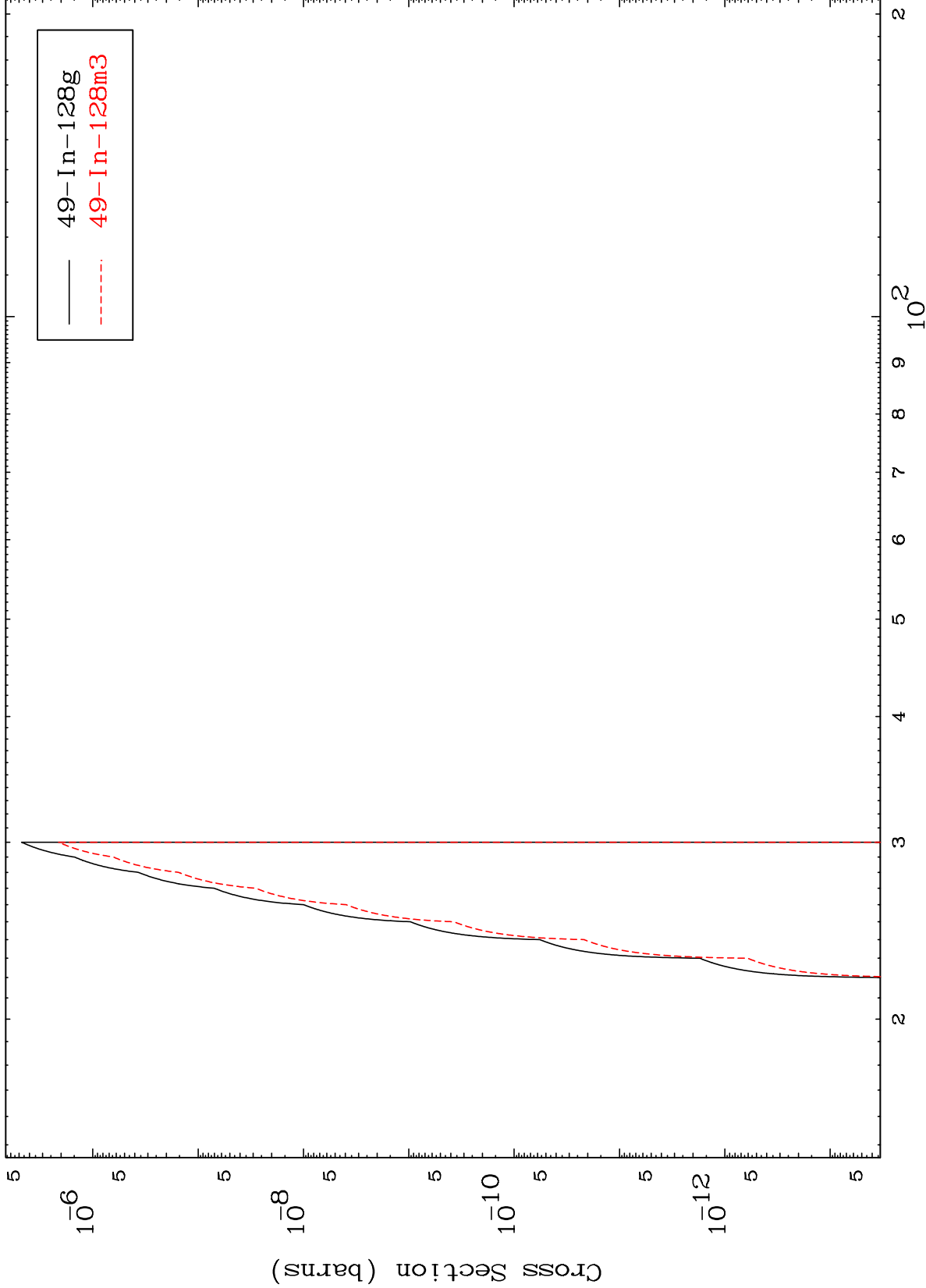
51-Sb-130

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(n,He-3)

51-Sb-130

Radionuclide Production Cross Section



35

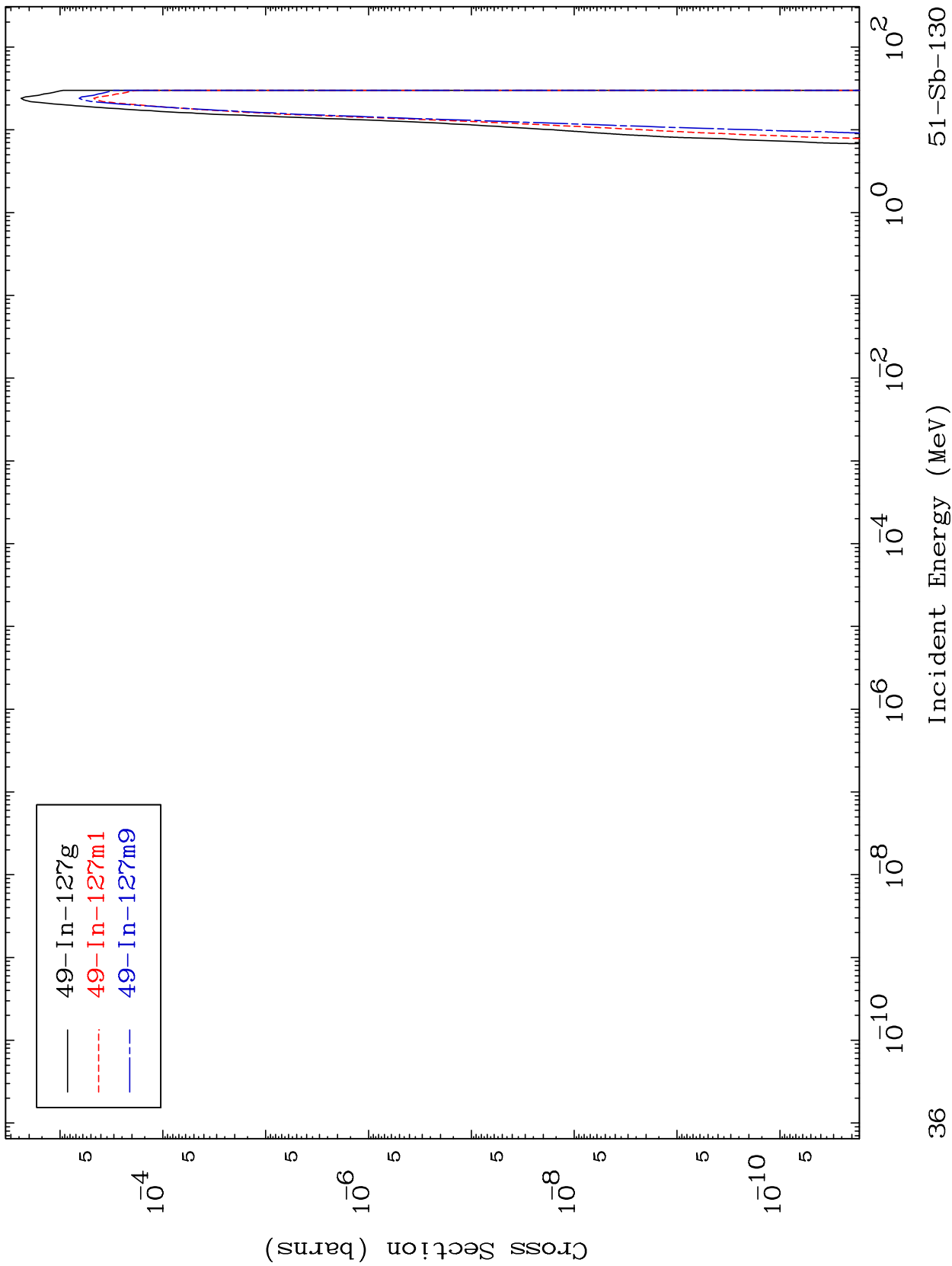
Incident Energy (MeV)

51-Sb-130

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51-Sb-130

Radionuclide Production Cross Section (n,α)



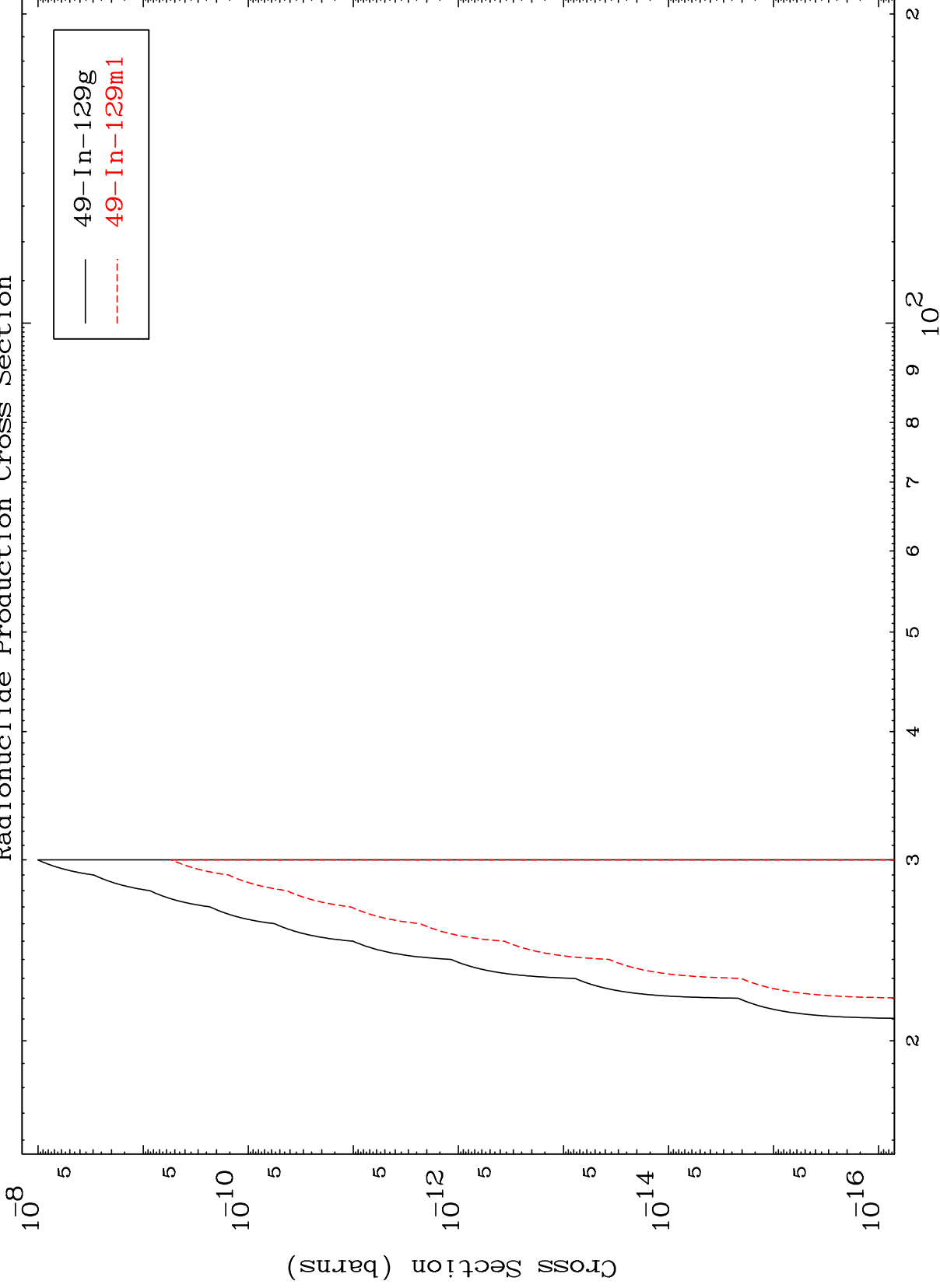
36

51-Sb-130

MAT 5153

51-Sb-130

(n,2p)
Radionuclide Production Cross Section



37

Incident Energy (MeV)

51-Sb-130