

Program EVALPLOT
(Version 2021-1)

by

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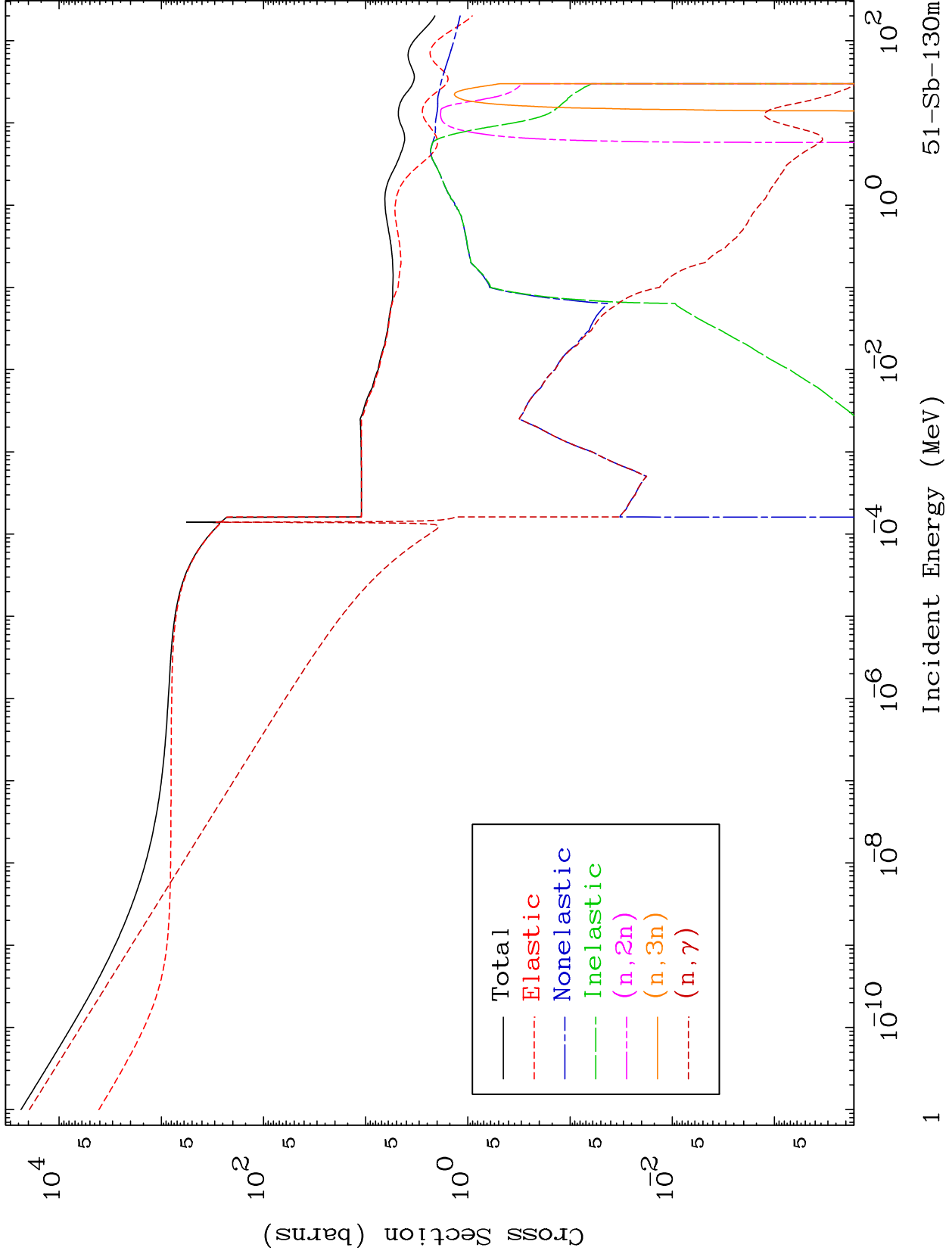
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Press Mouse Button to Start

MAT 5153

Neutron Major
293 Kelvin Cross Sections

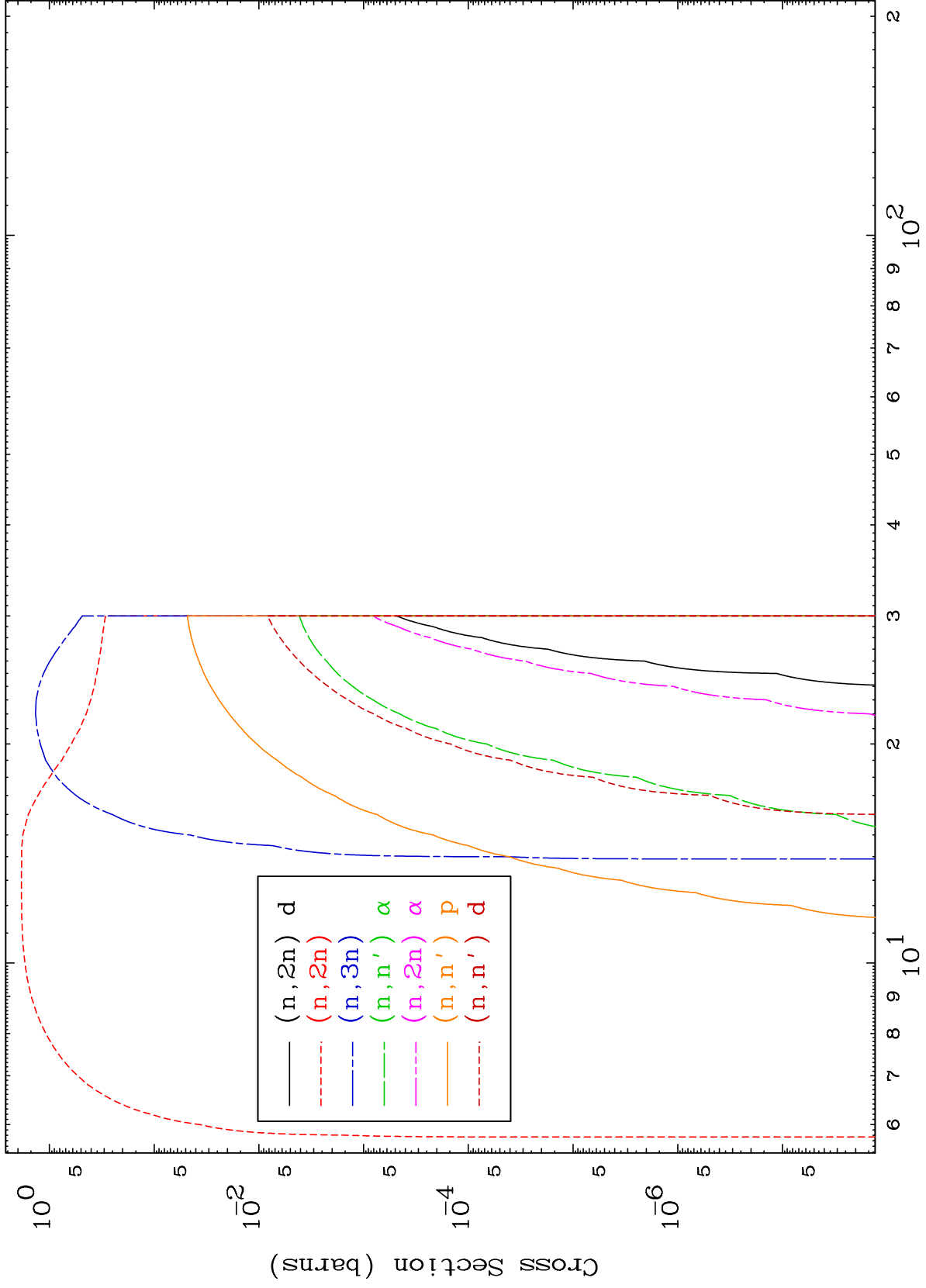
51-Sb-130m



MAT 5153

Neutron Absorption
293 Kelvin Cross Sections

51-Sb-130m



2

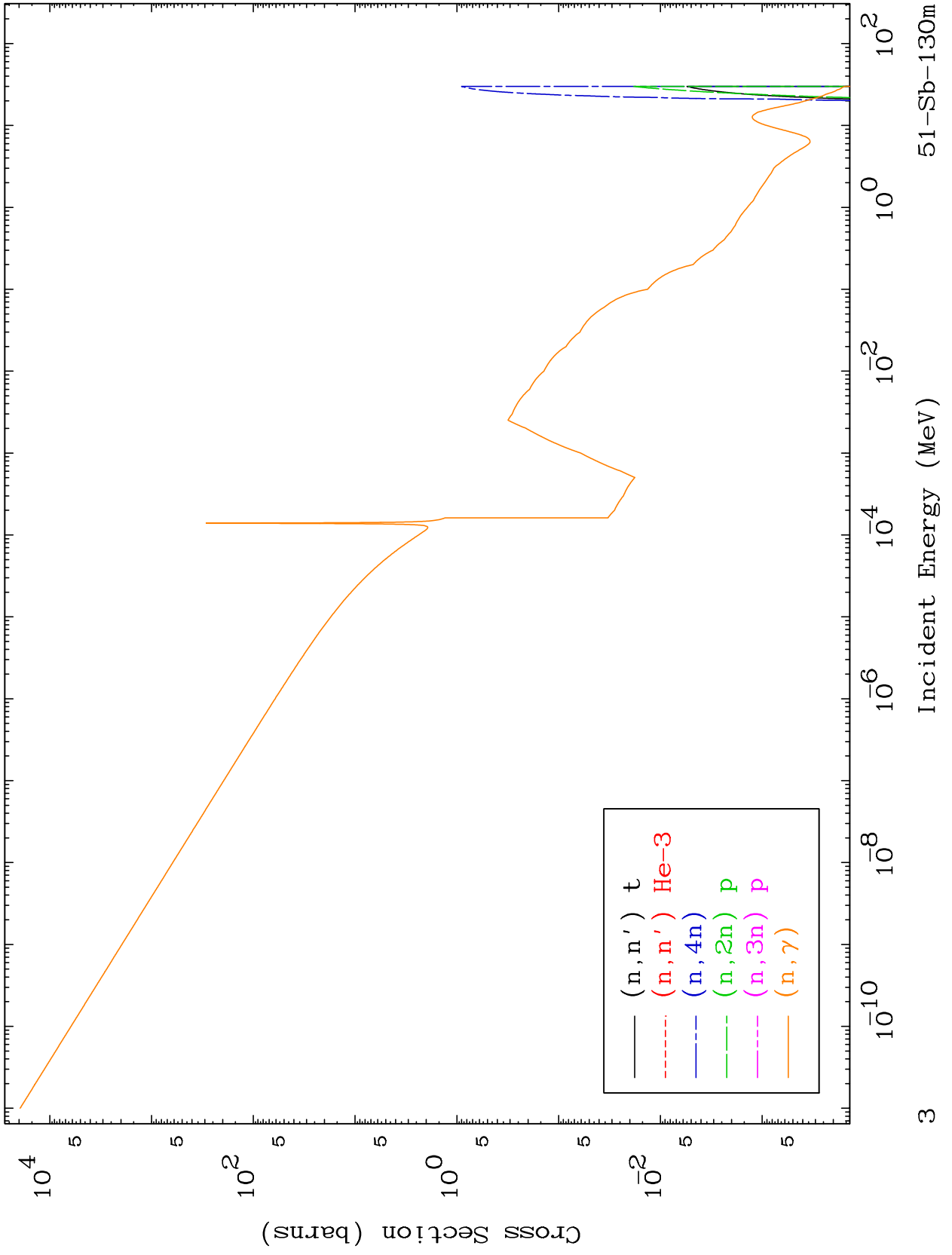
Incident Energy (MeV)

51-Sb-130m

MAT 5153

Neutron Absorption
293 Kelvin Cross Sections

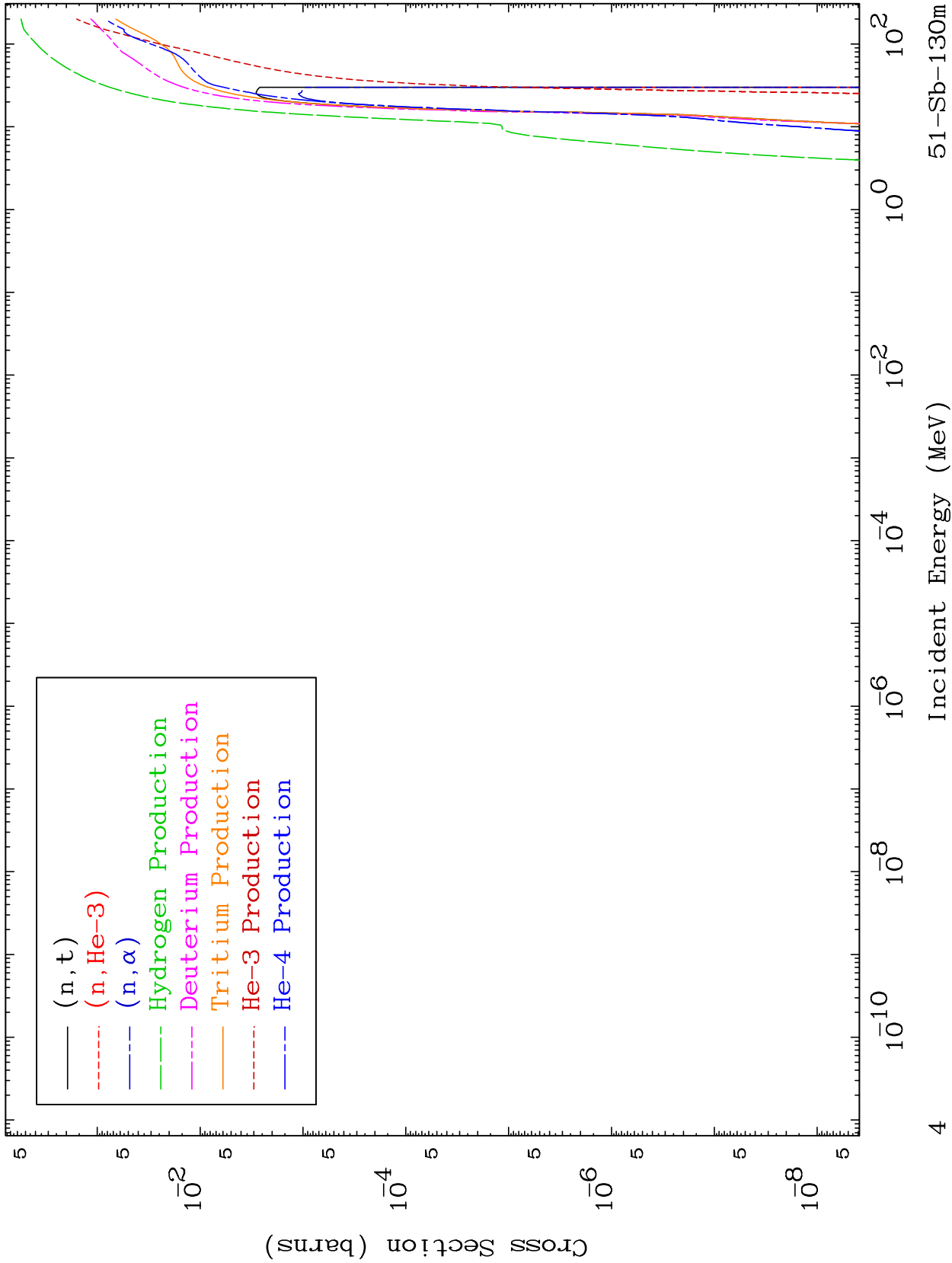
51-Sb-130m



MAT 5153

Neutron Absorption
293 Kelvin Cross Sections

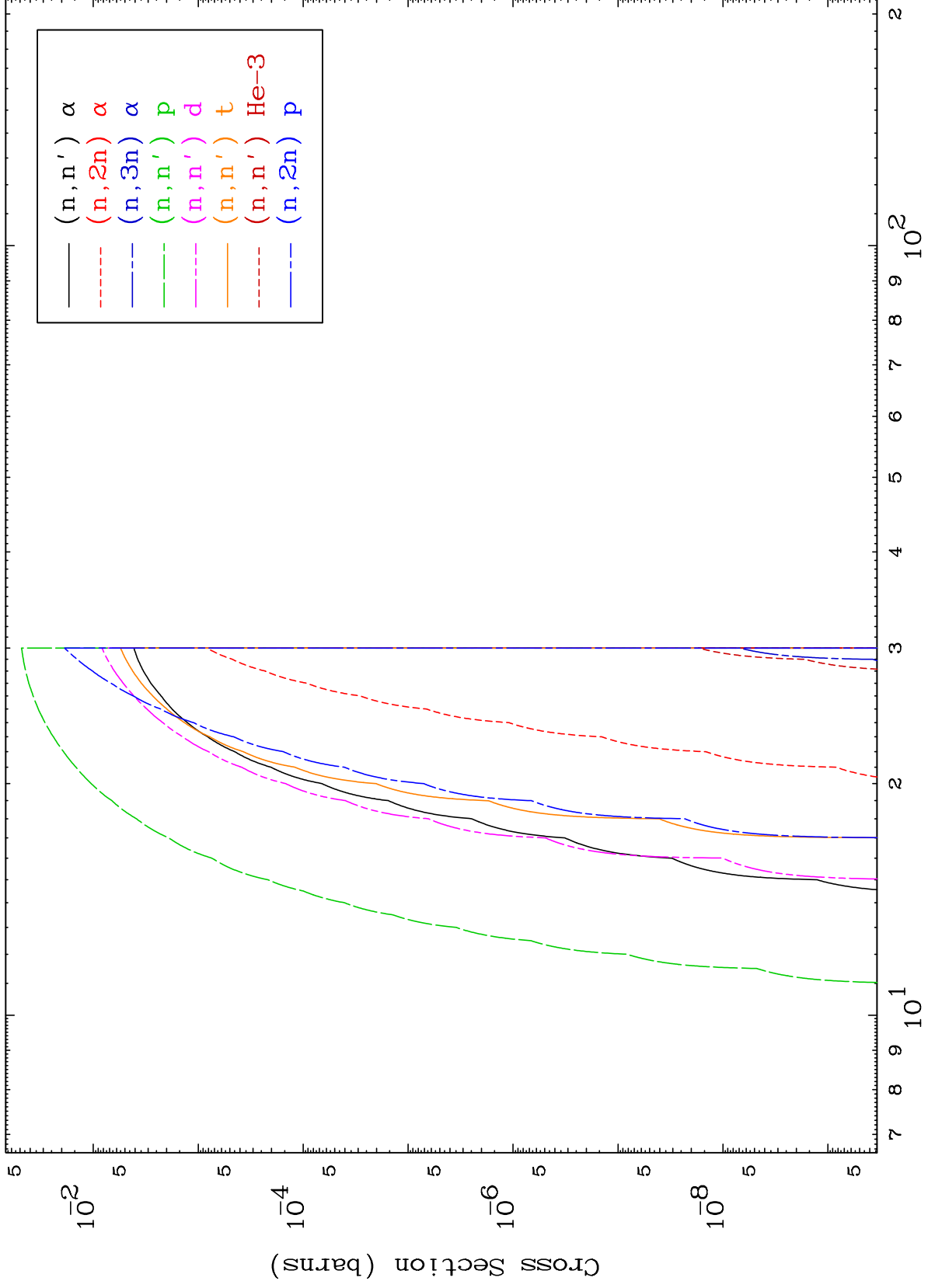
51-Sb-130m



MAT 5153

Charged Particle
293 Kelvin Cross Sections

51-Sb-130m



5

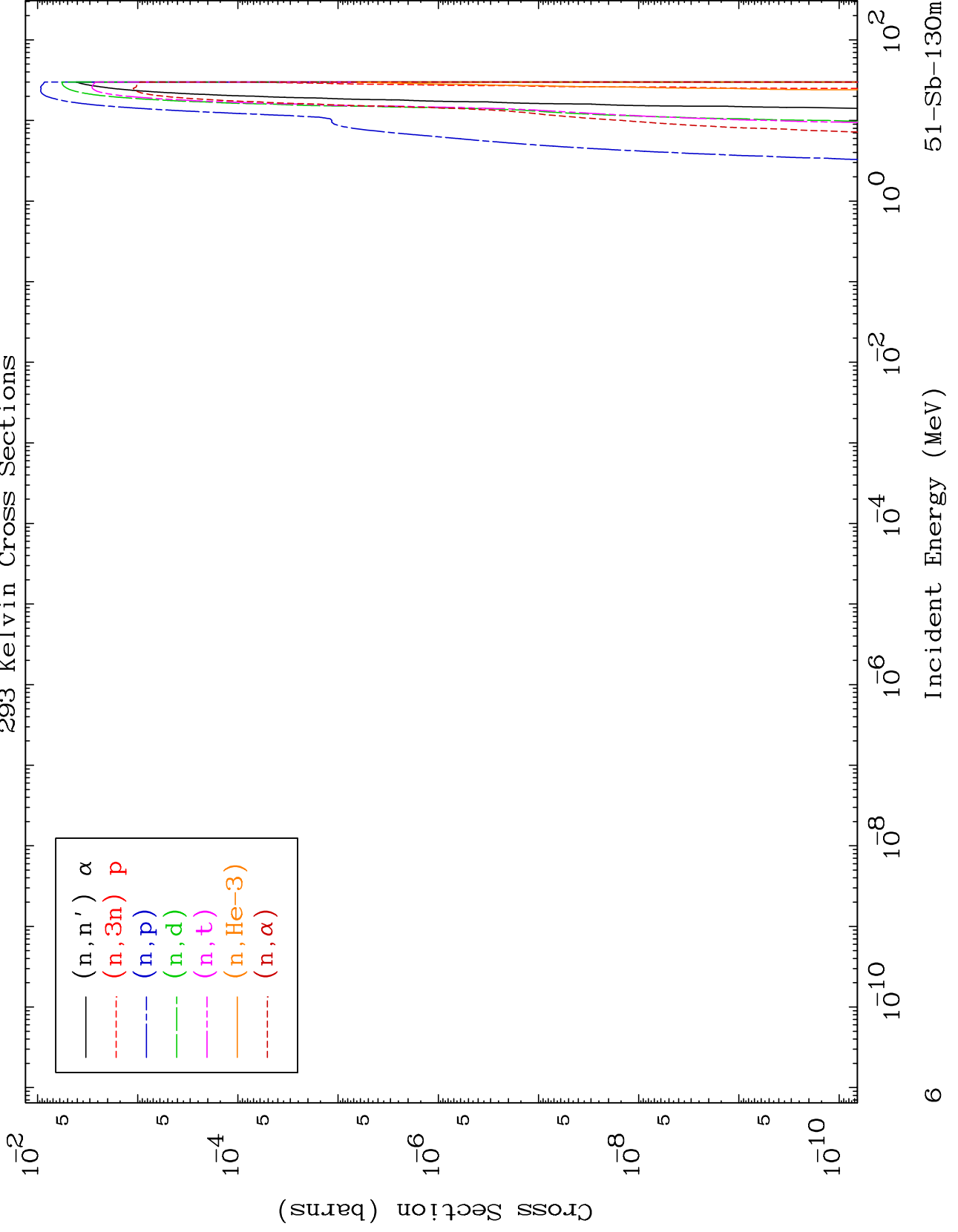
Incident Energy (MeV)

51-Sb-130m

MAT 5153

Charged Particle
293 Kelvin Cross Sections

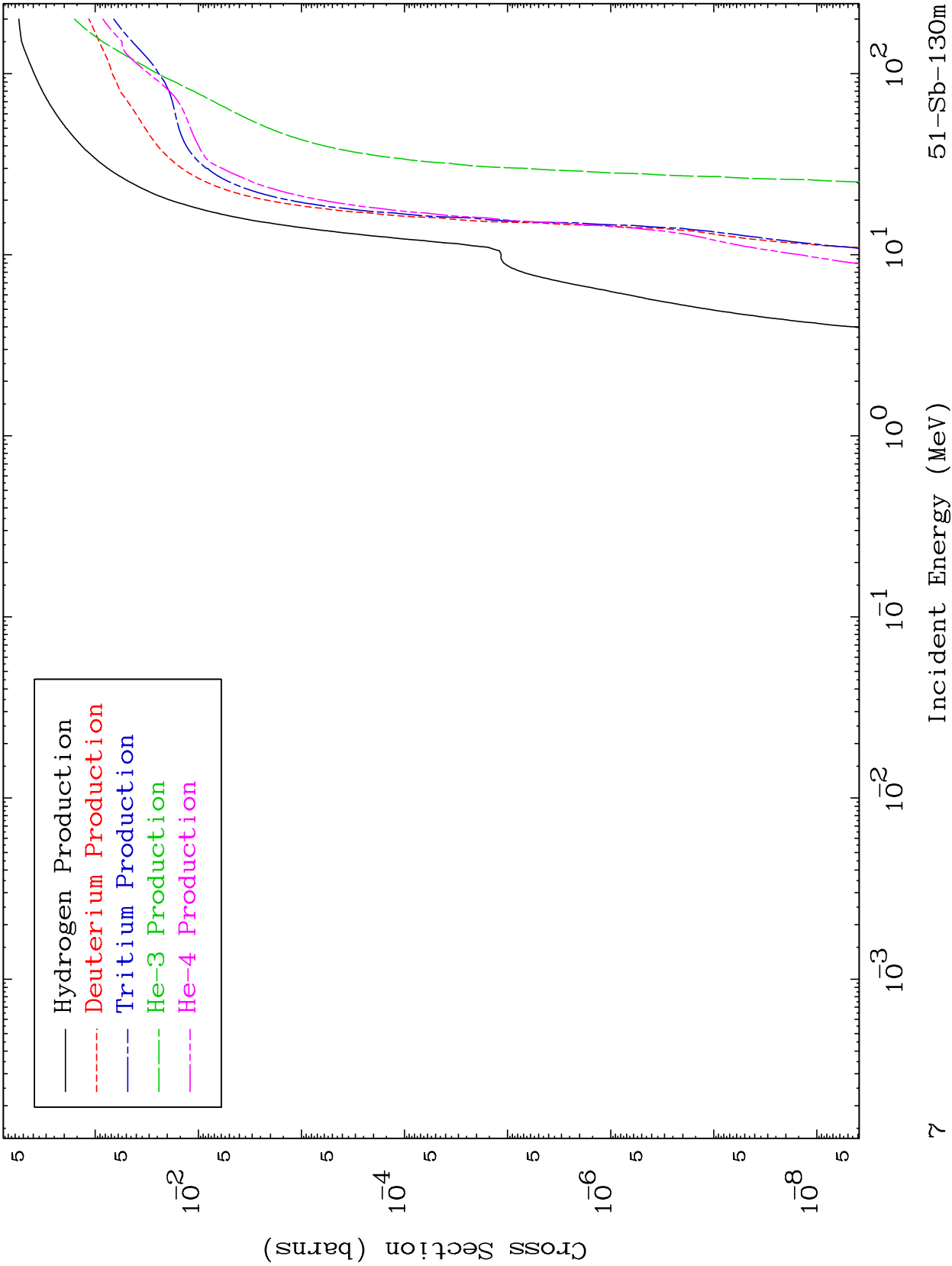
51-Sb-130m



MAT 5153

Particle Production
293 Kelvin Cross Sections

51-Sb-130m

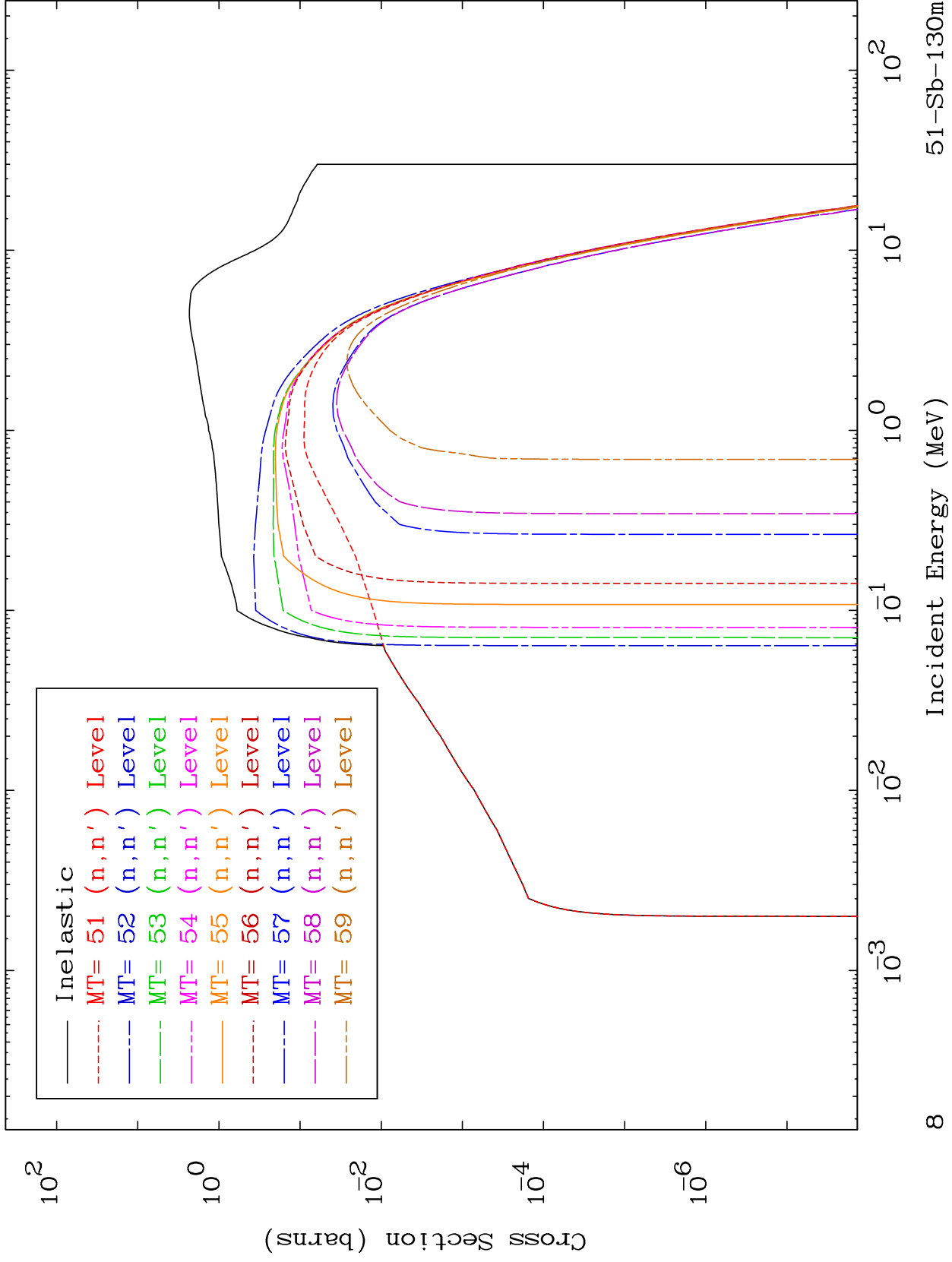


51-Sb-130m

MAT 5153

(n,n') Levels
293 Kelvin Cross Sections

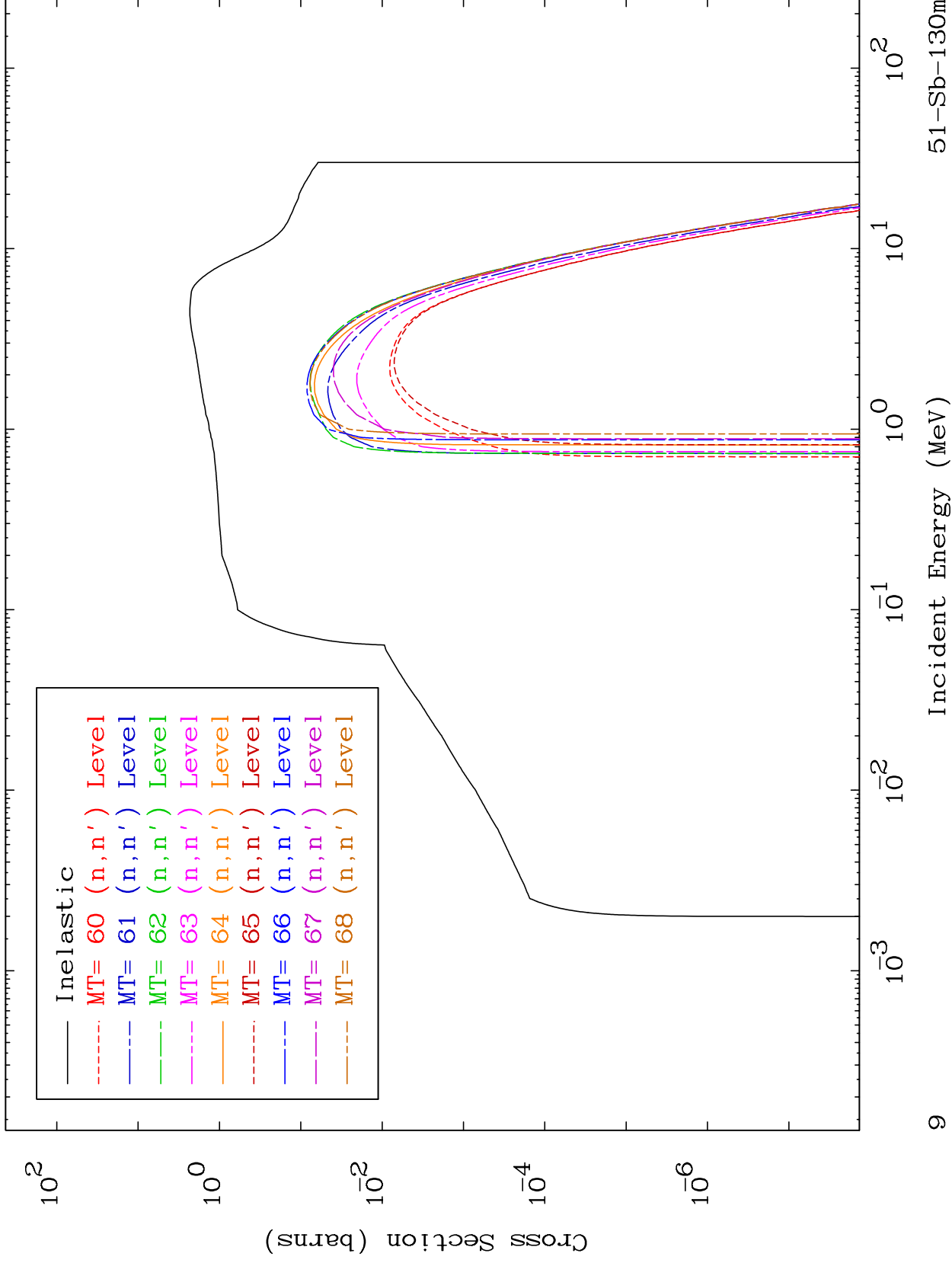
51-Sb-130m



MAT 5153

(n,n') Levels
293 Kelvin Cross Sections

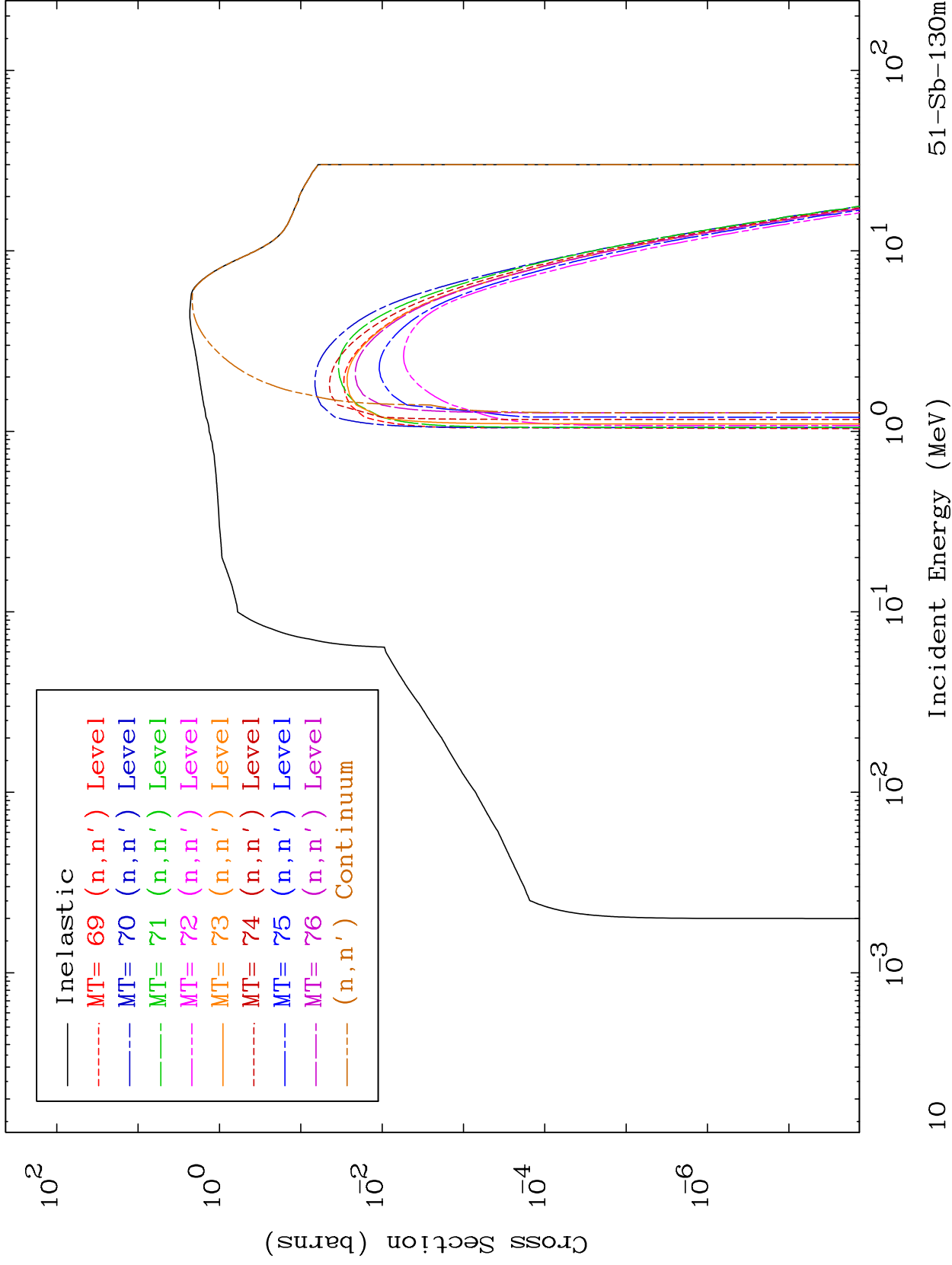
51-Sb-130m



MAT 5153

(n,n') Levels
293 Kelvin Cross Sections

51-Sb-130m



10

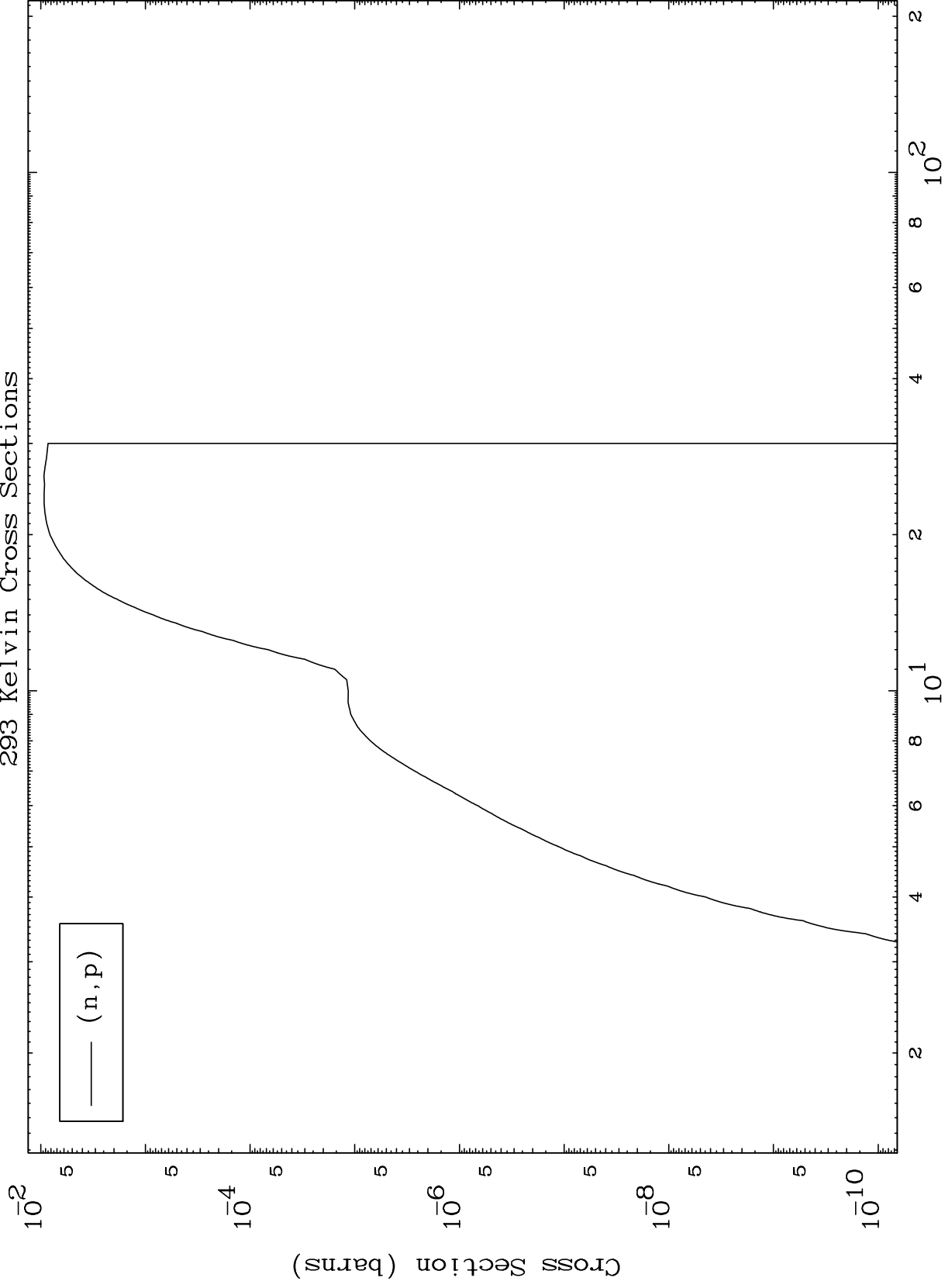
Incident Energy (MeV)

51-Sb-130m

MAT 5153

(n,p) Levels
293 Kelvin Cross Sections

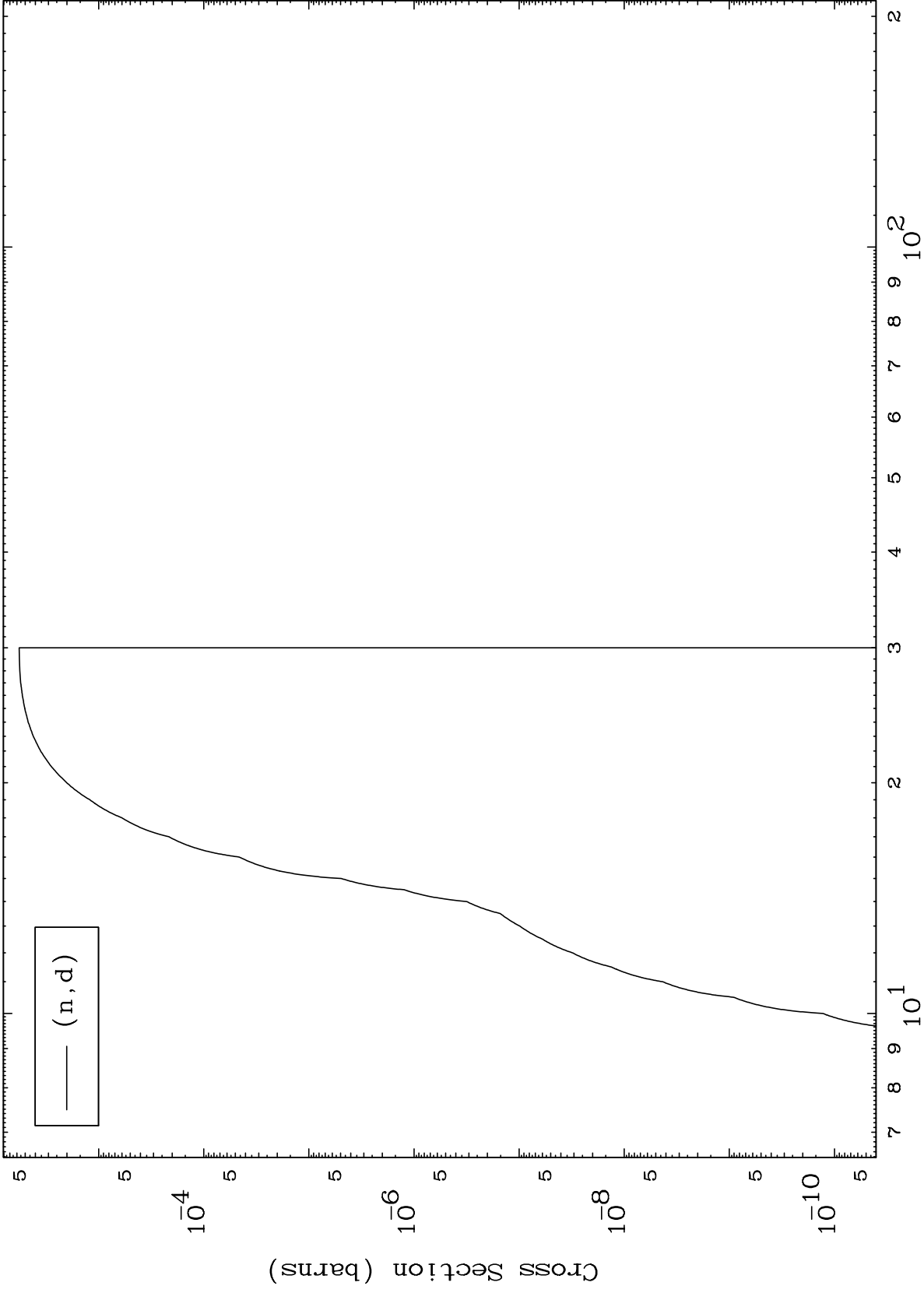
51-Sb-130m



MAT 5153

(n,d) Levels
293 Kelvin Cross Sections

51-Sb-130m



12

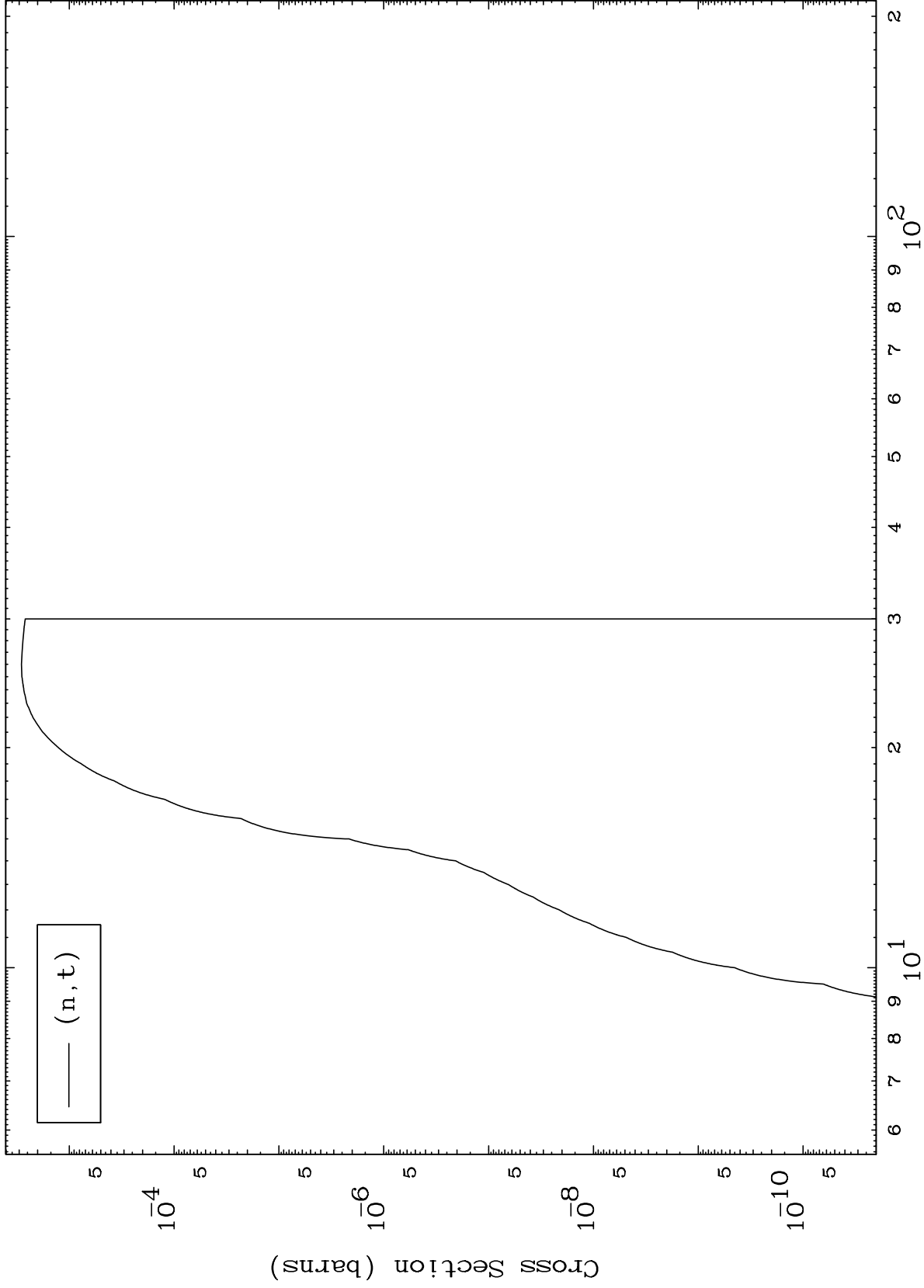
Incident Energy (MeV)

51-Sb-130m

MAT 5153

(n,t) Levels
293 Kelvin Cross Sections

51-Sb-130m



13

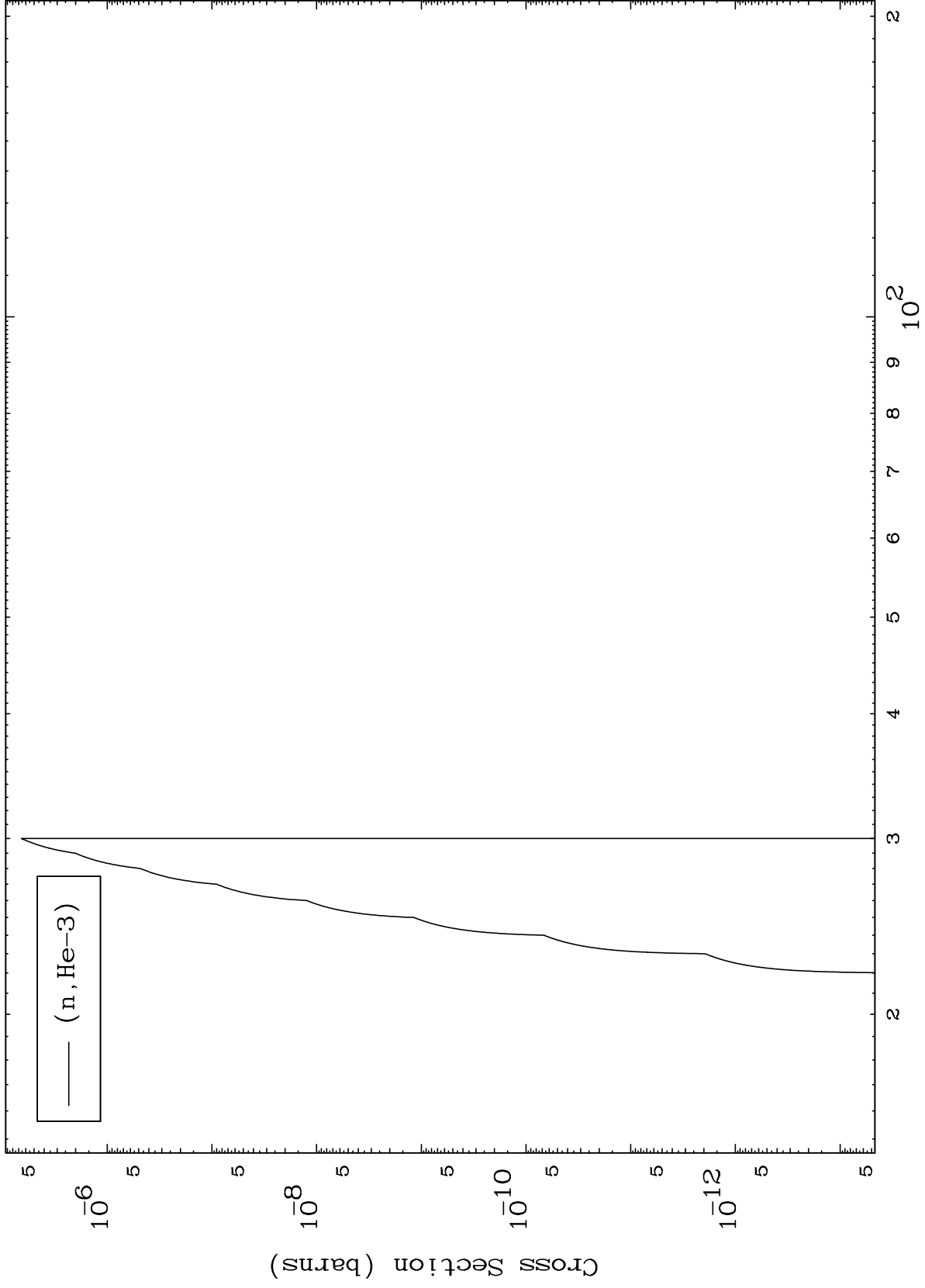
Incident Energy (MeV)

51-Sb-130m

MAT 5153

(n,He3) Levels
293 Kelvin Cross Sections

51-Sb-130m



14

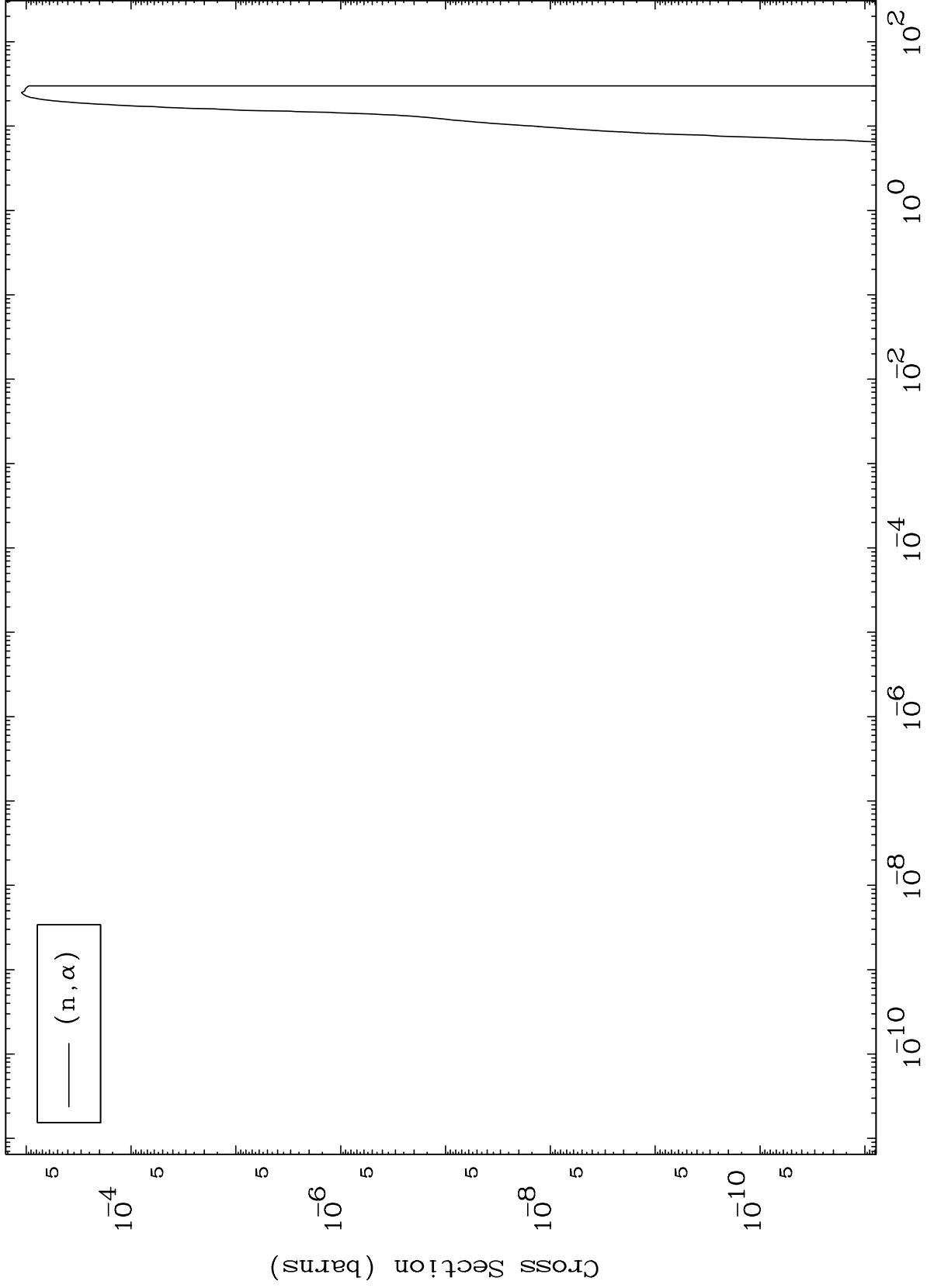
Incident Energy (MeV)

51-Sb-130m

MAT 5153

(n, α) Levels
293 Kelvin Cross Sections

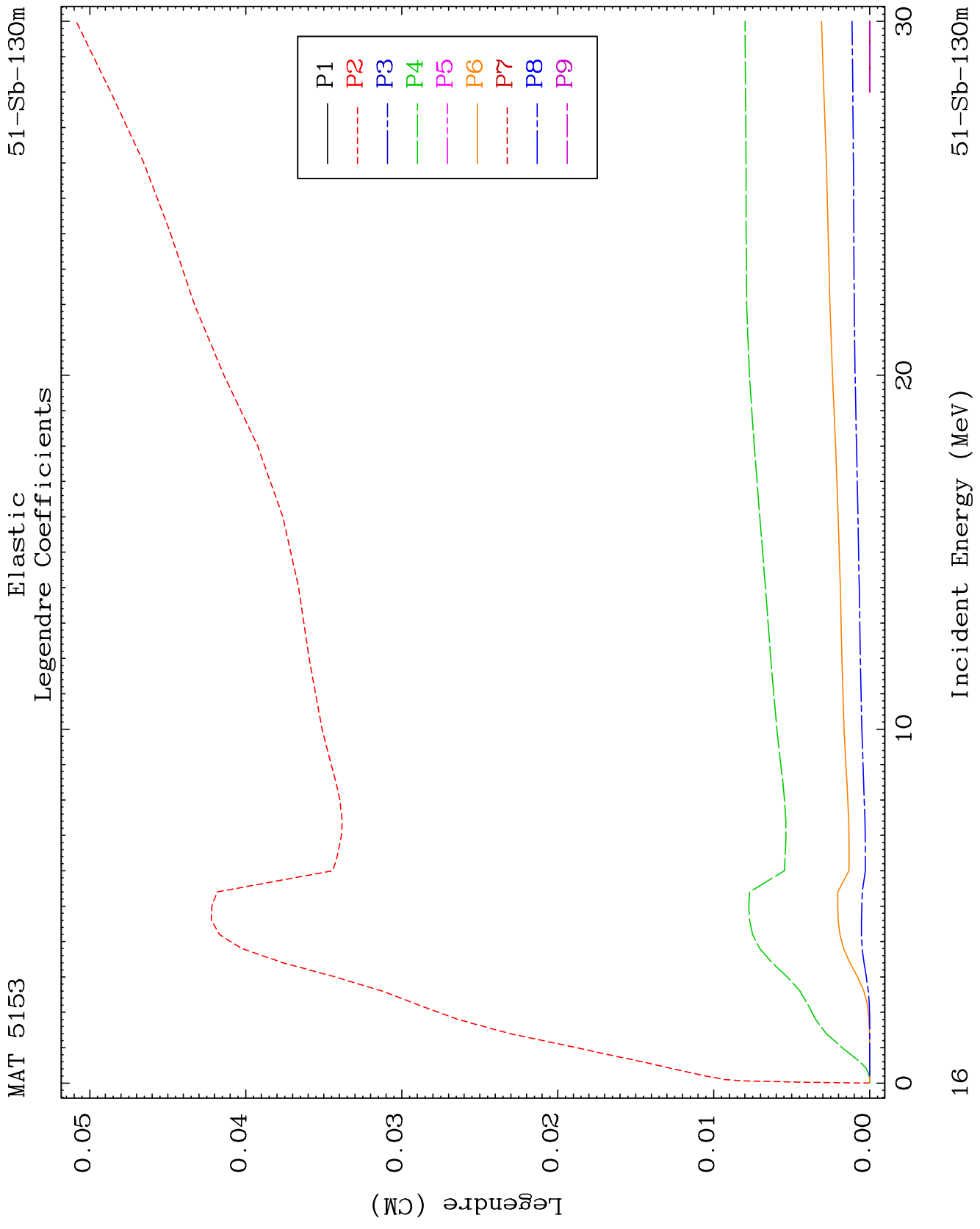
51-Sb-130m



15

Incident Energy (MeV)

51-Sb-130m



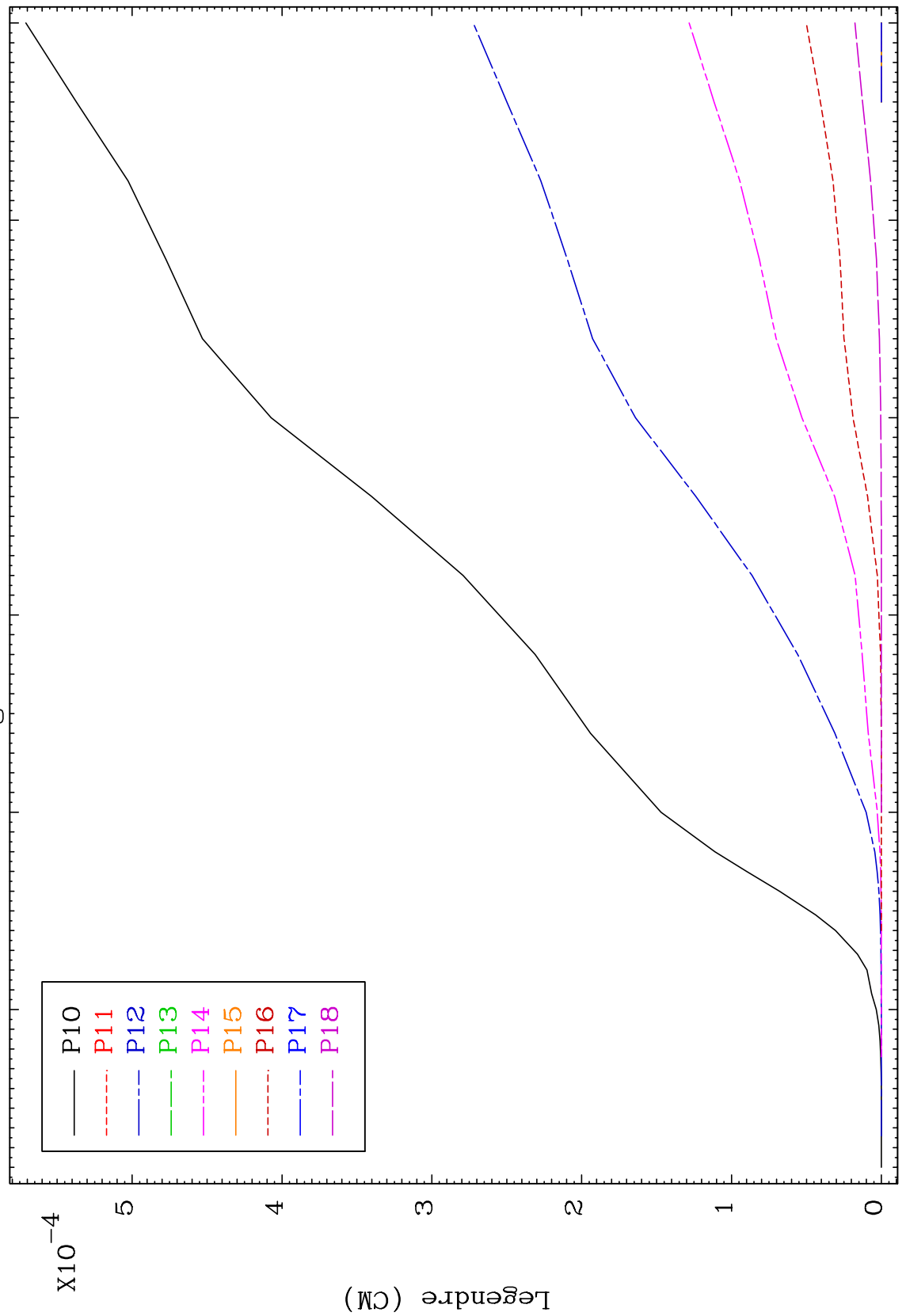
MAT 5153

16

MAT 5153

Elastic Legendre Coefficients

51-Sb-130m



17

51-Sb-130m

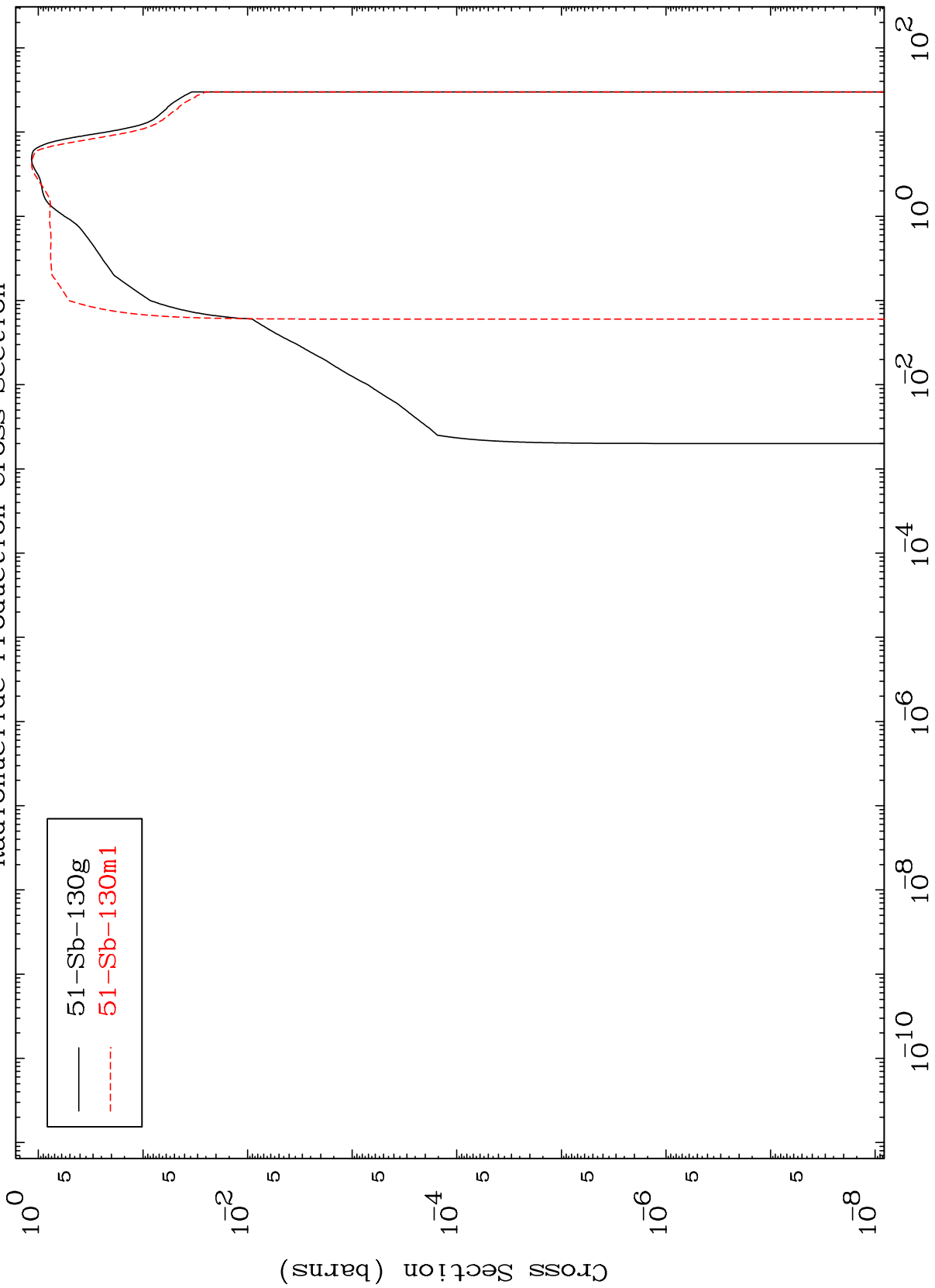
Incident Energy (MeV)

MAT 5153

51-Sb-130m

Inelastic

Radionuclide Production Cross Section



51-Sb-130m

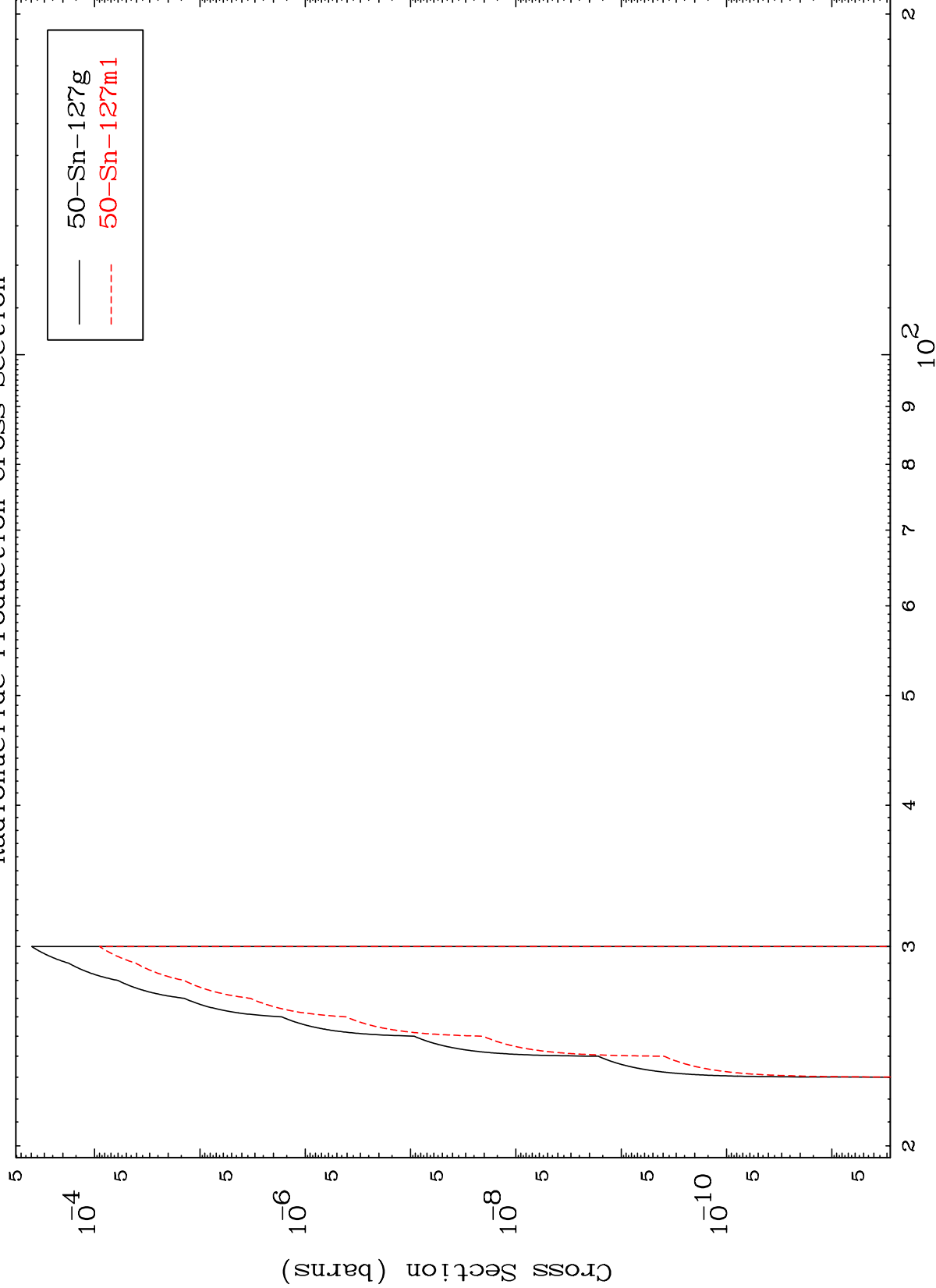
Incident Energy (MeV)

MAT 5153

(n,2n) d

51-Sb-130m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

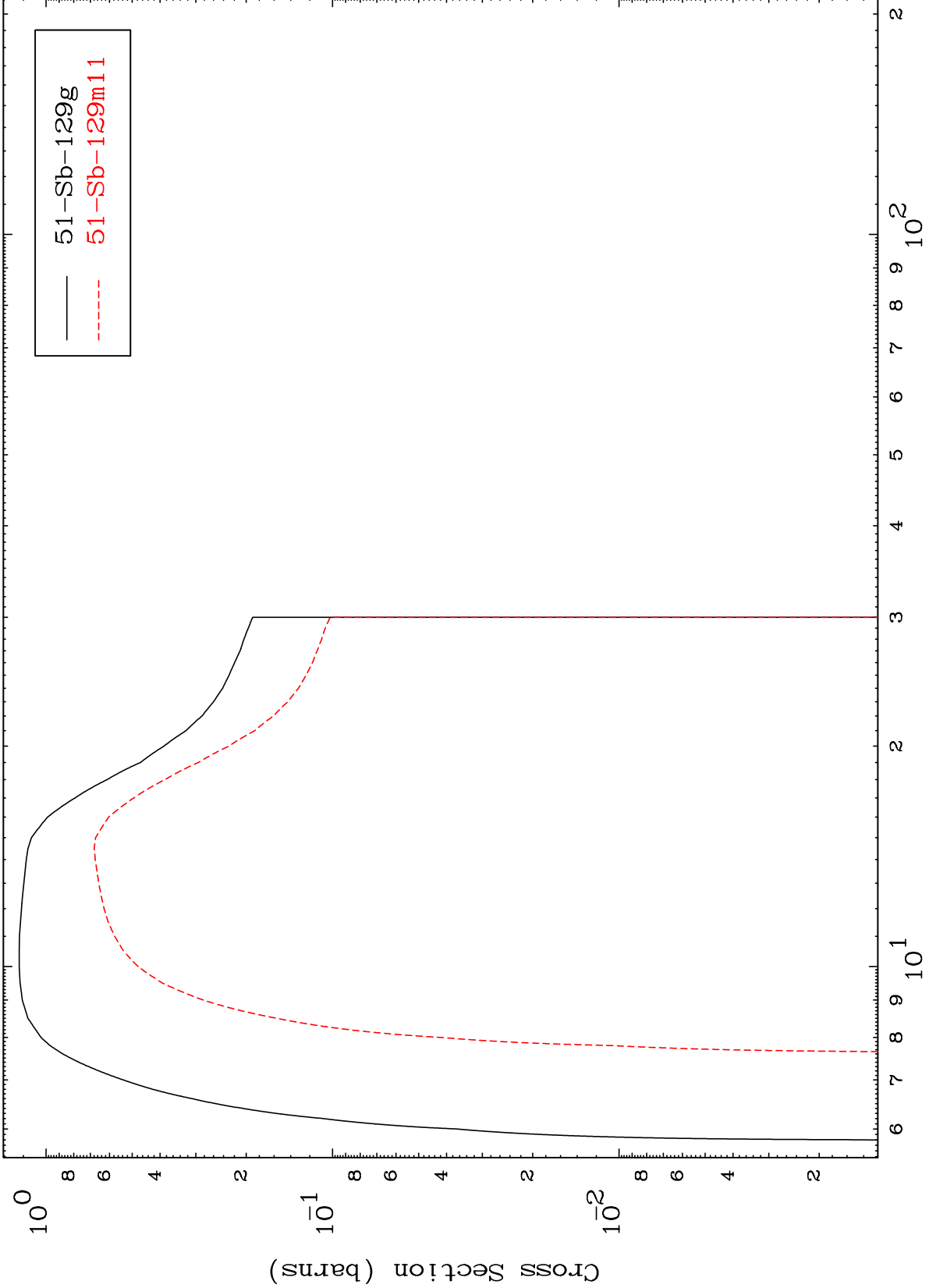
51-Sb-130m

MAT 5153

(n,2n)

51-Sb-130m

Radionuclide Production Cross Section

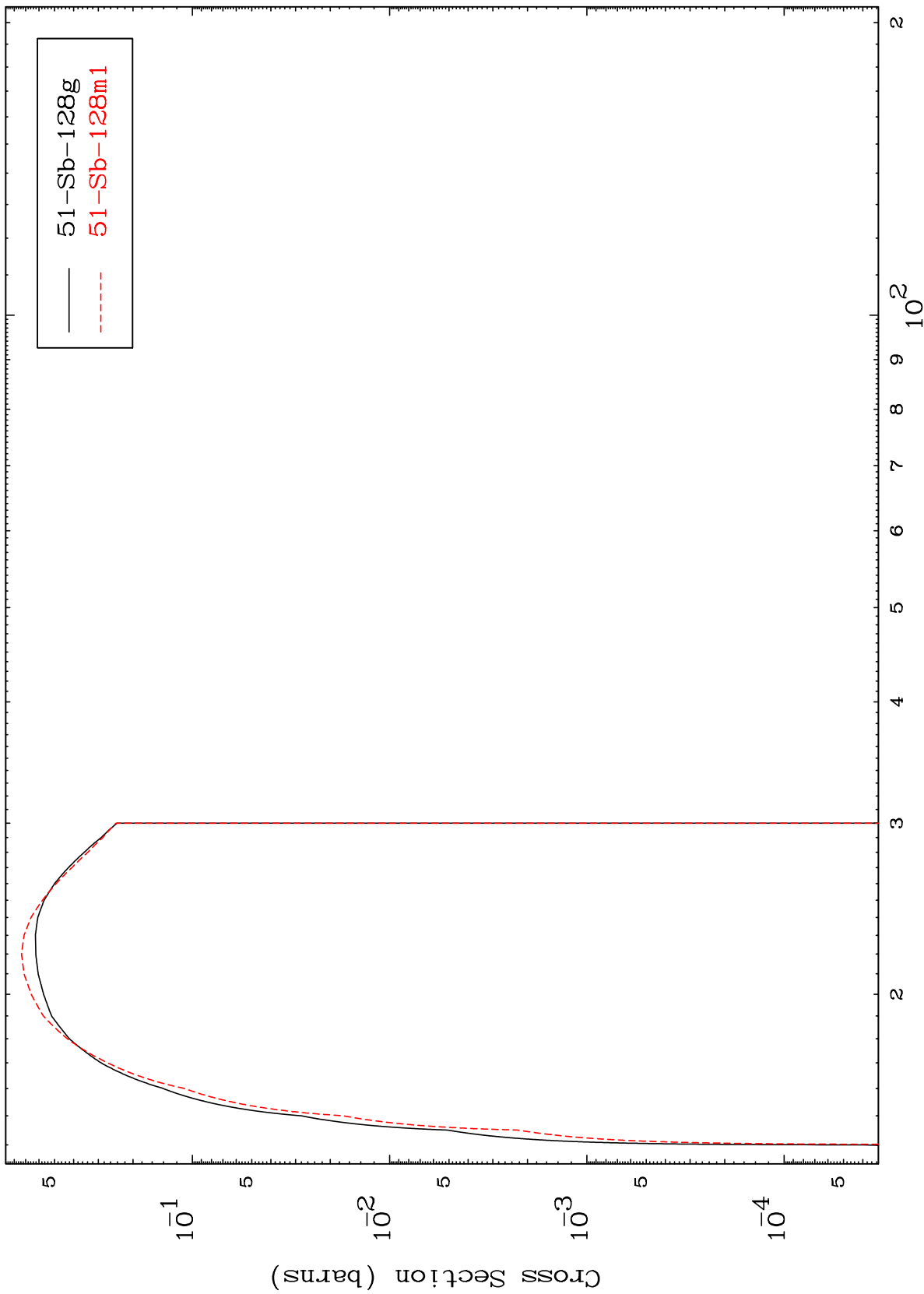


51-Sb-129g
51-Sb-129m11

MAT 5153

51-Sb-130m

(n,3n)
Radionuclide Production Cross Section



51-Sb-130m

Incident Energy (MeV)

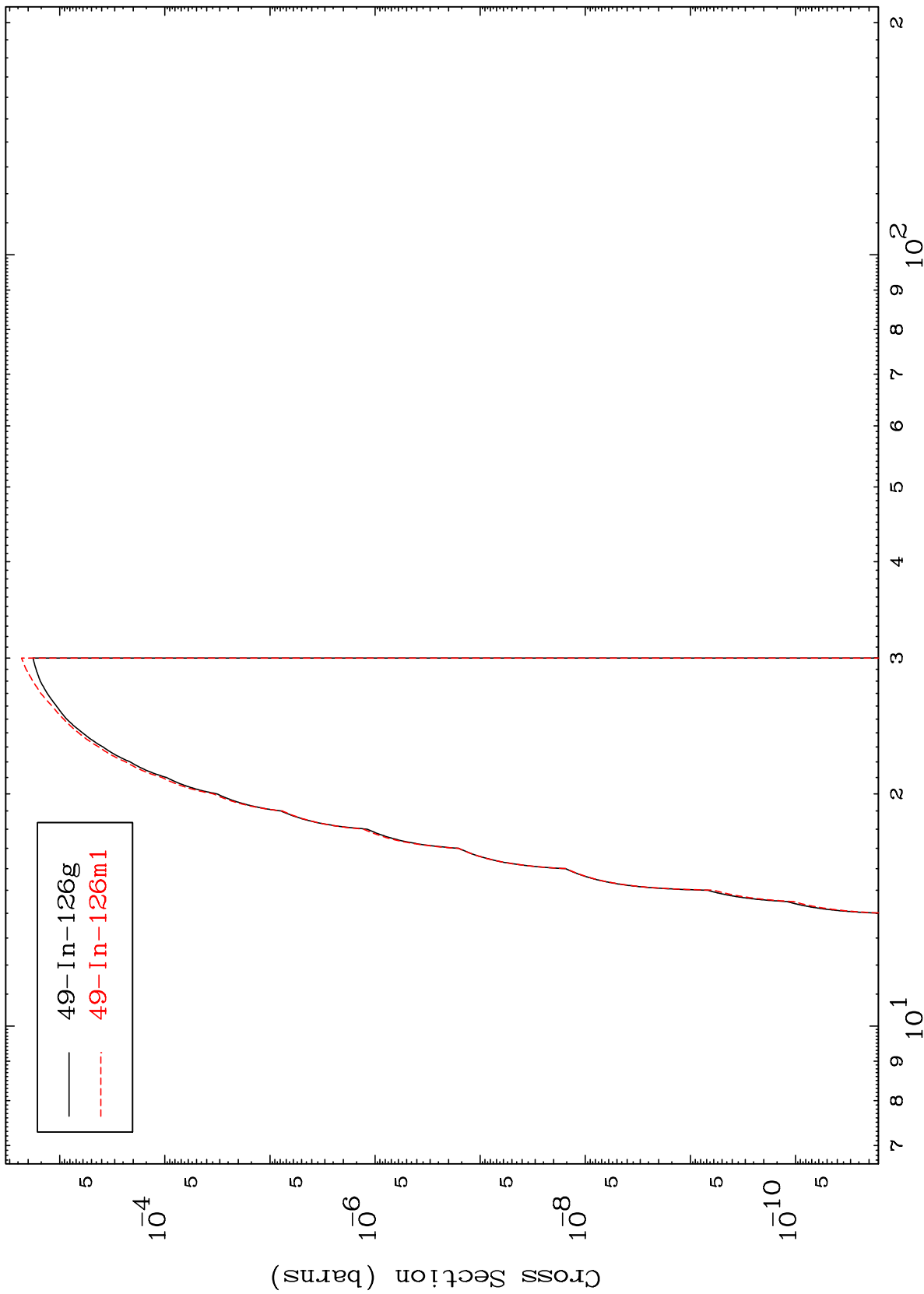
22

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51-Sb-130m

(n,n') α

Radionuclide Production Cross Section



23

Incident Energy (MeV)

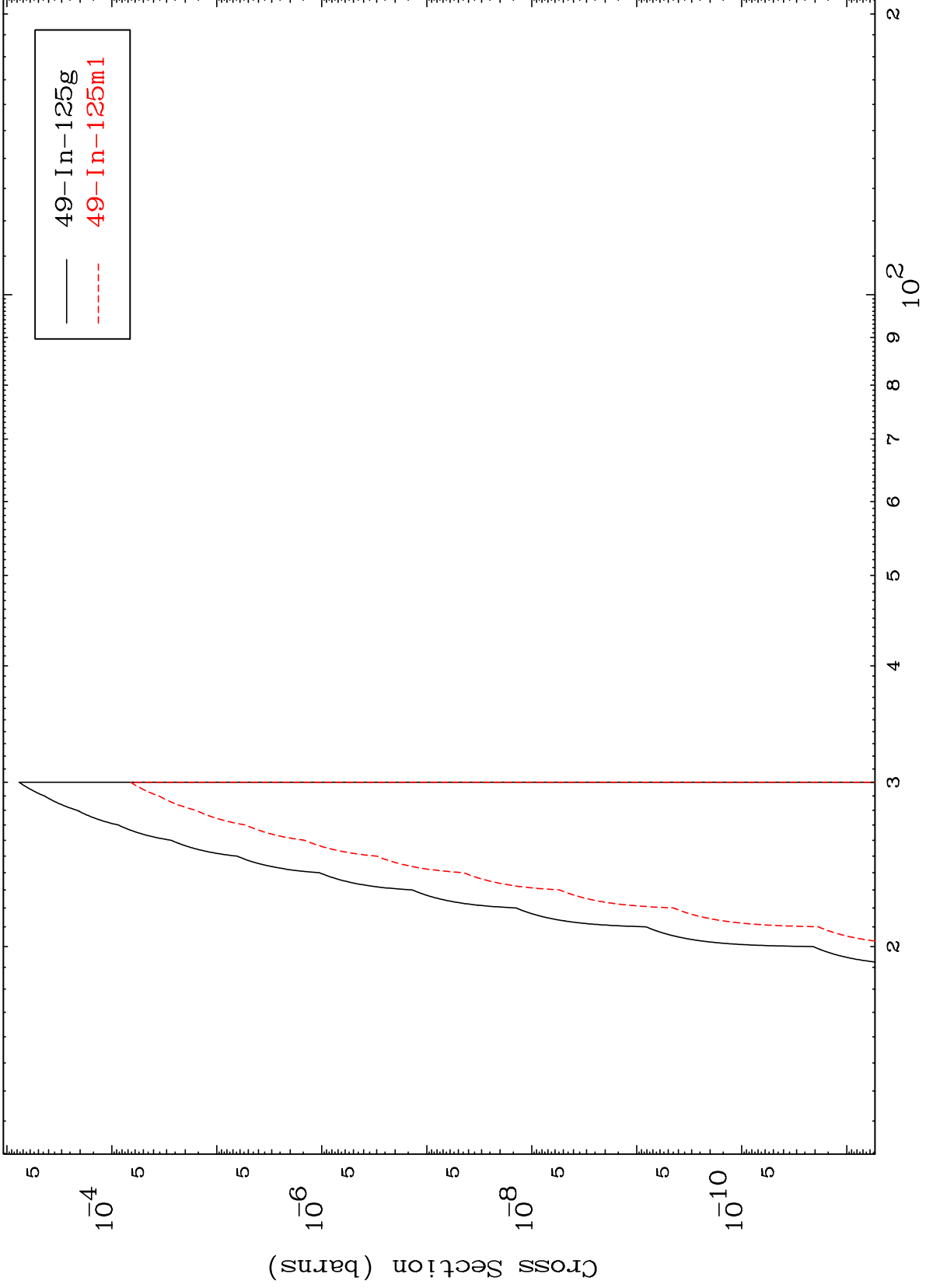
51-Sb-130m

MAT 5153

(n,2n) α

51-Sb-130m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

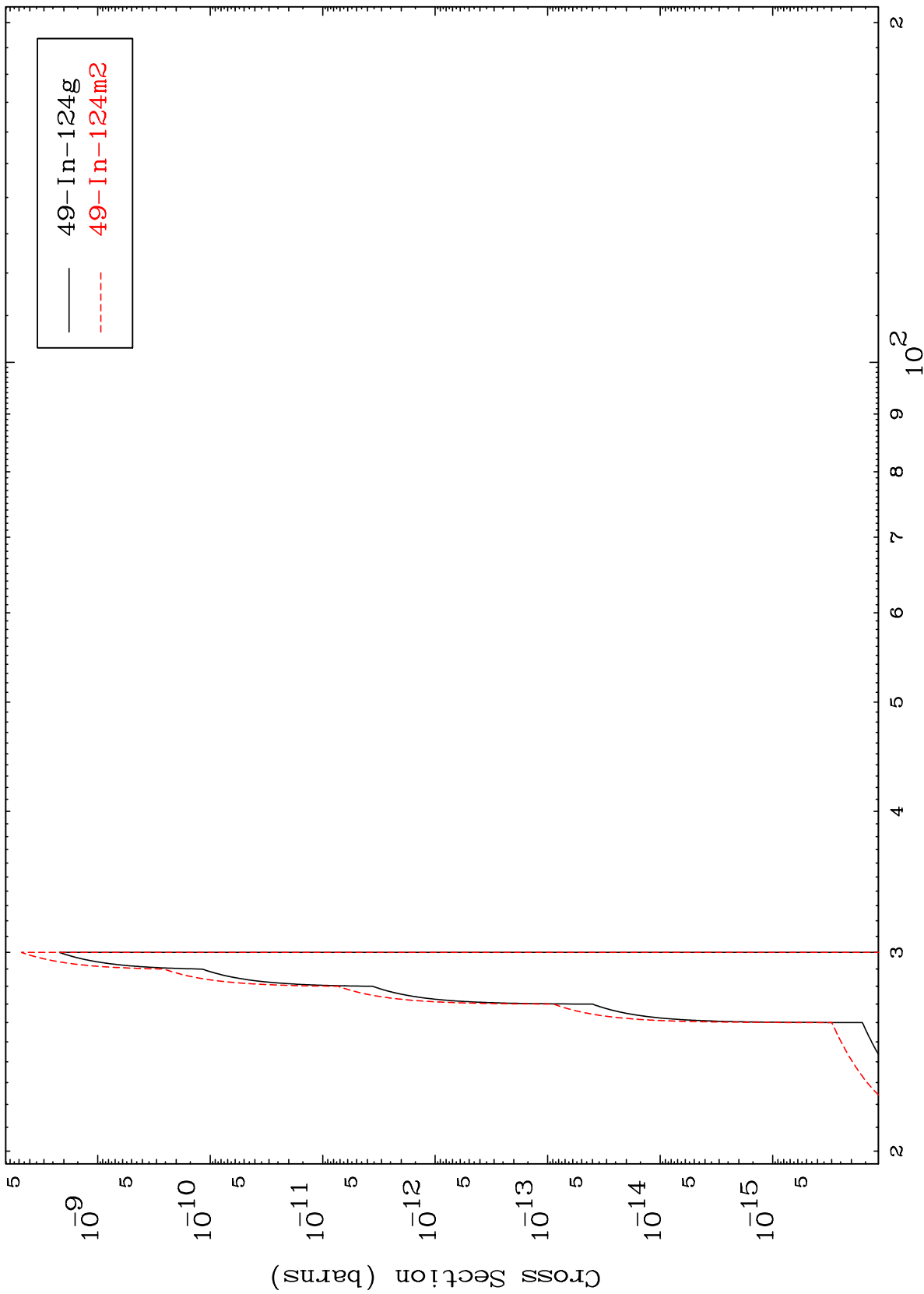
51-Sb-130m

MAT 5153

(n,3n) α

51-Sb-130m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

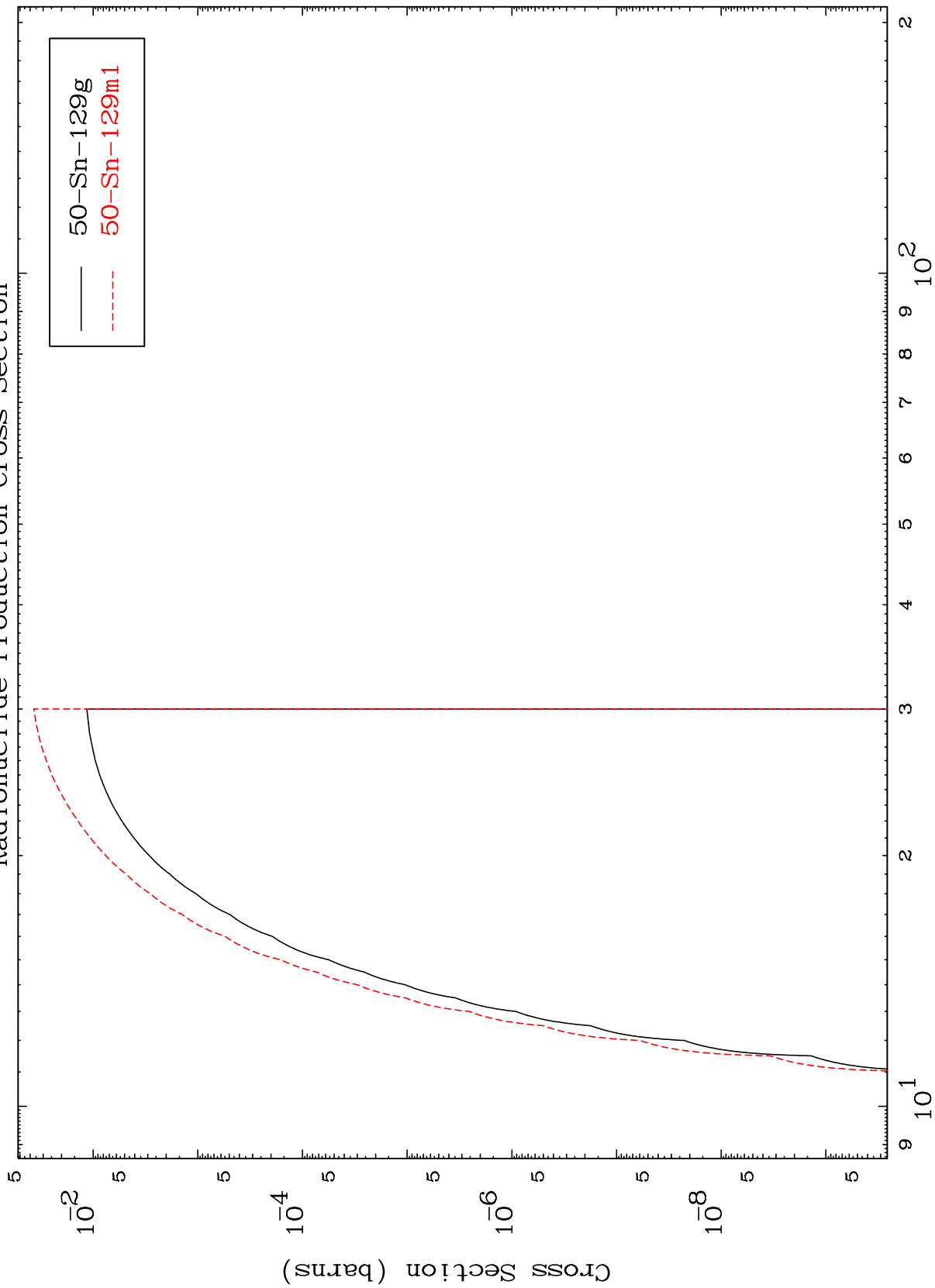
51-Sb-130m

MAT 5153

(n,n') p

51-Sb-130m

Radionuclide Production Cross Section

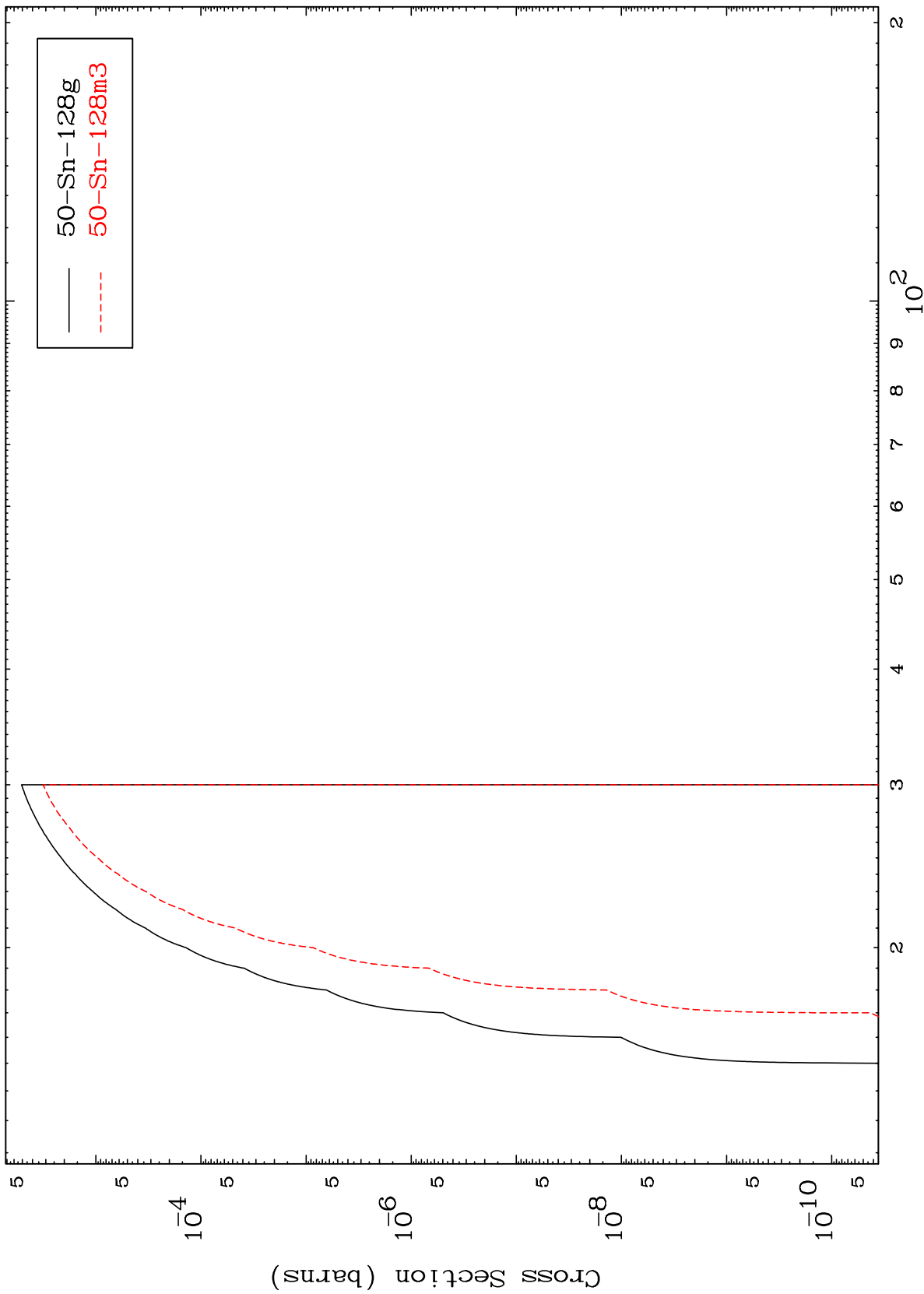


26

Incident Energy (MeV)

51-Sb-130m

Radionuclide Production Cross Section

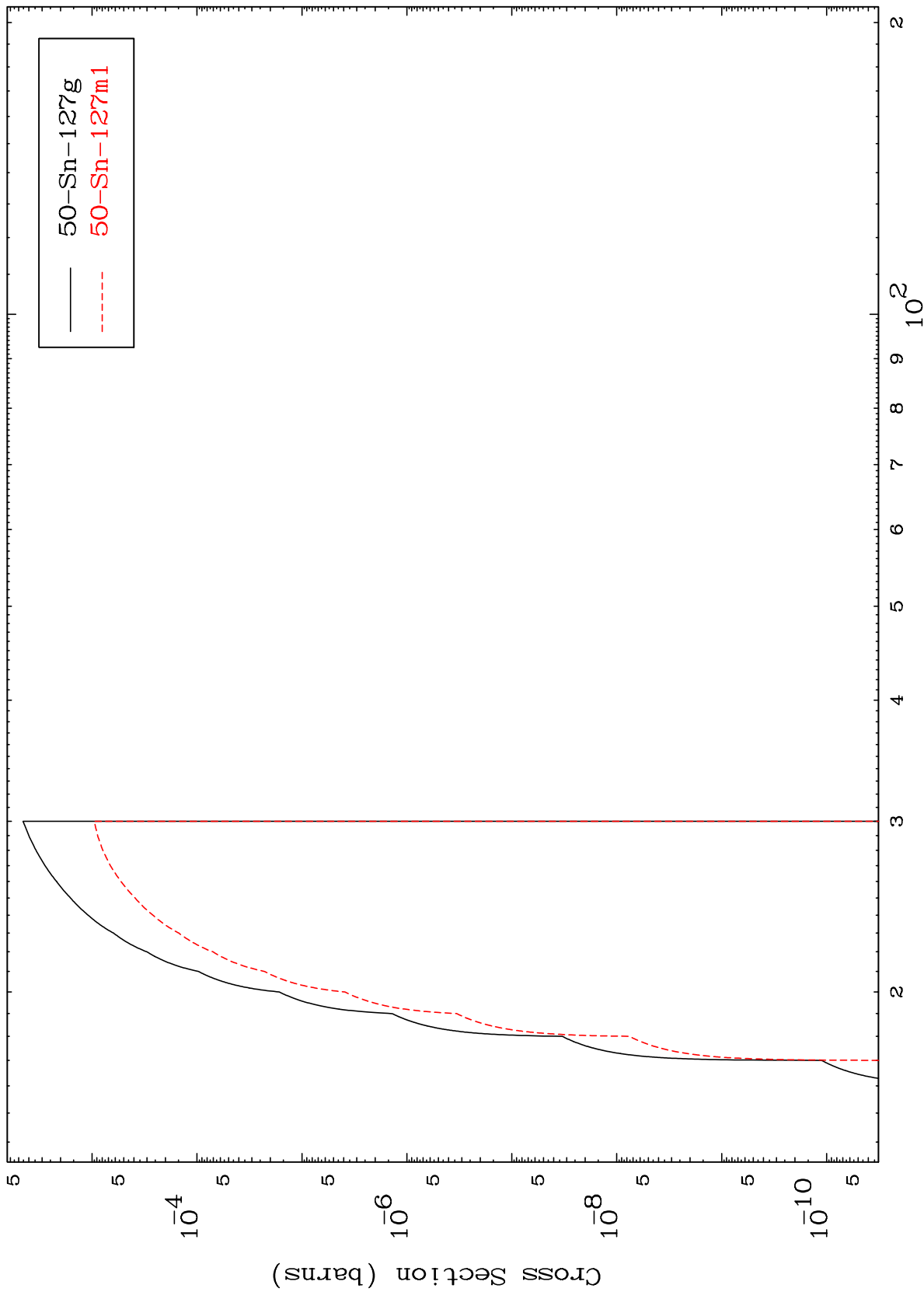


MAT 5153

(n,n') t

51-Sb-130m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

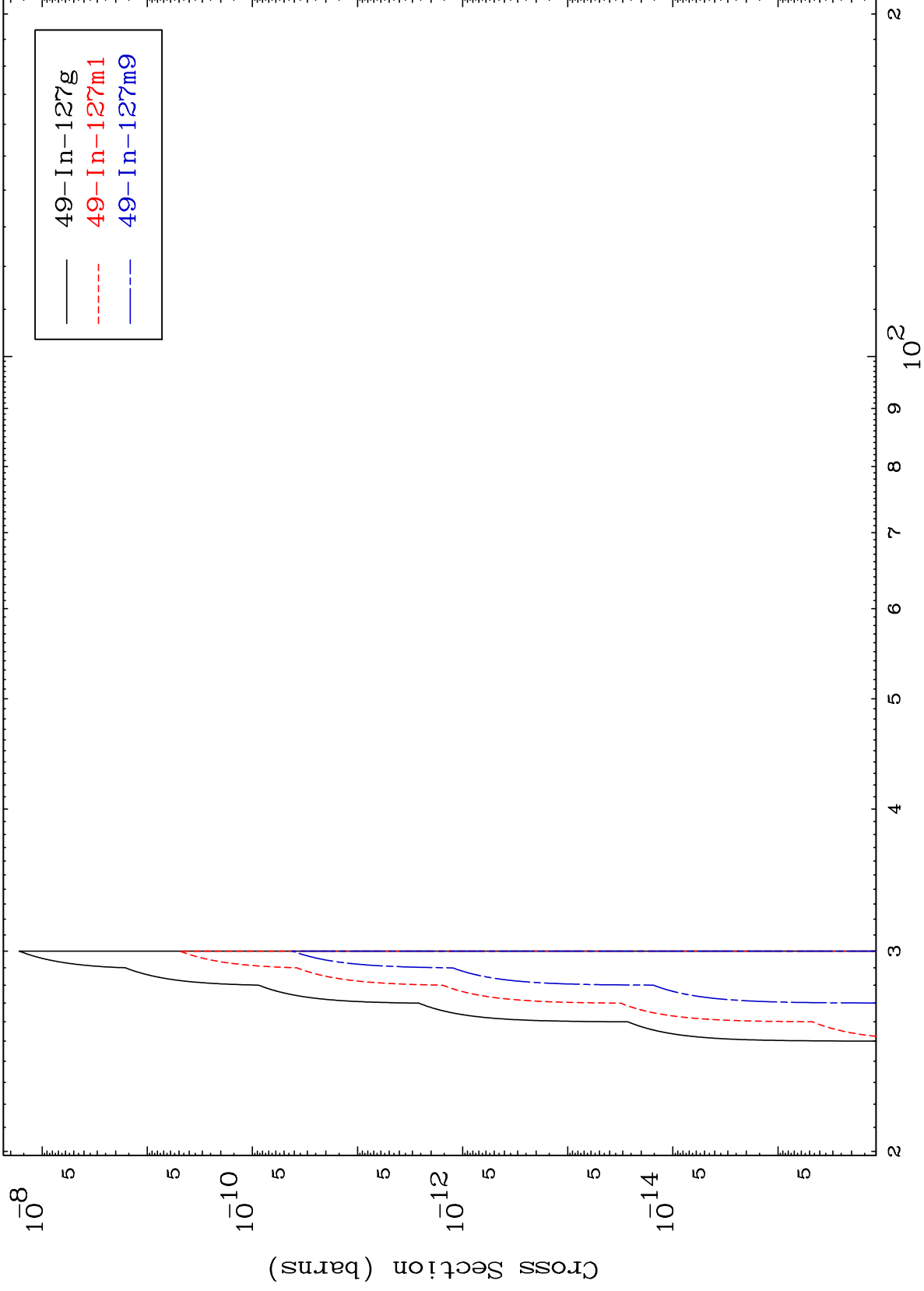
51-Sb-130m

MAT 5153

(n,n') He-3

51-Sb-130m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

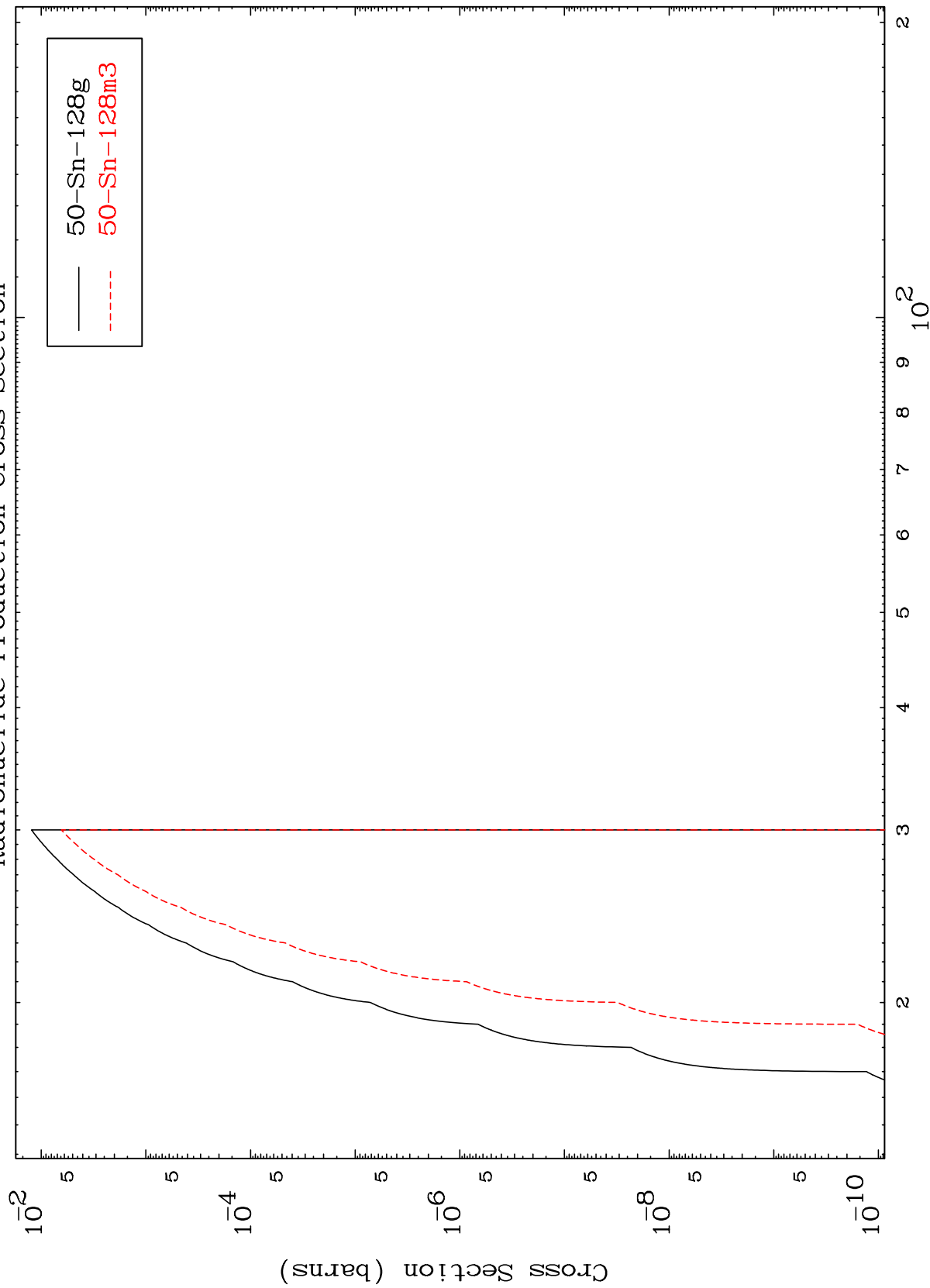
51-Sb-130m

MAT 5153

(n,2n) p

51-Sb-130m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

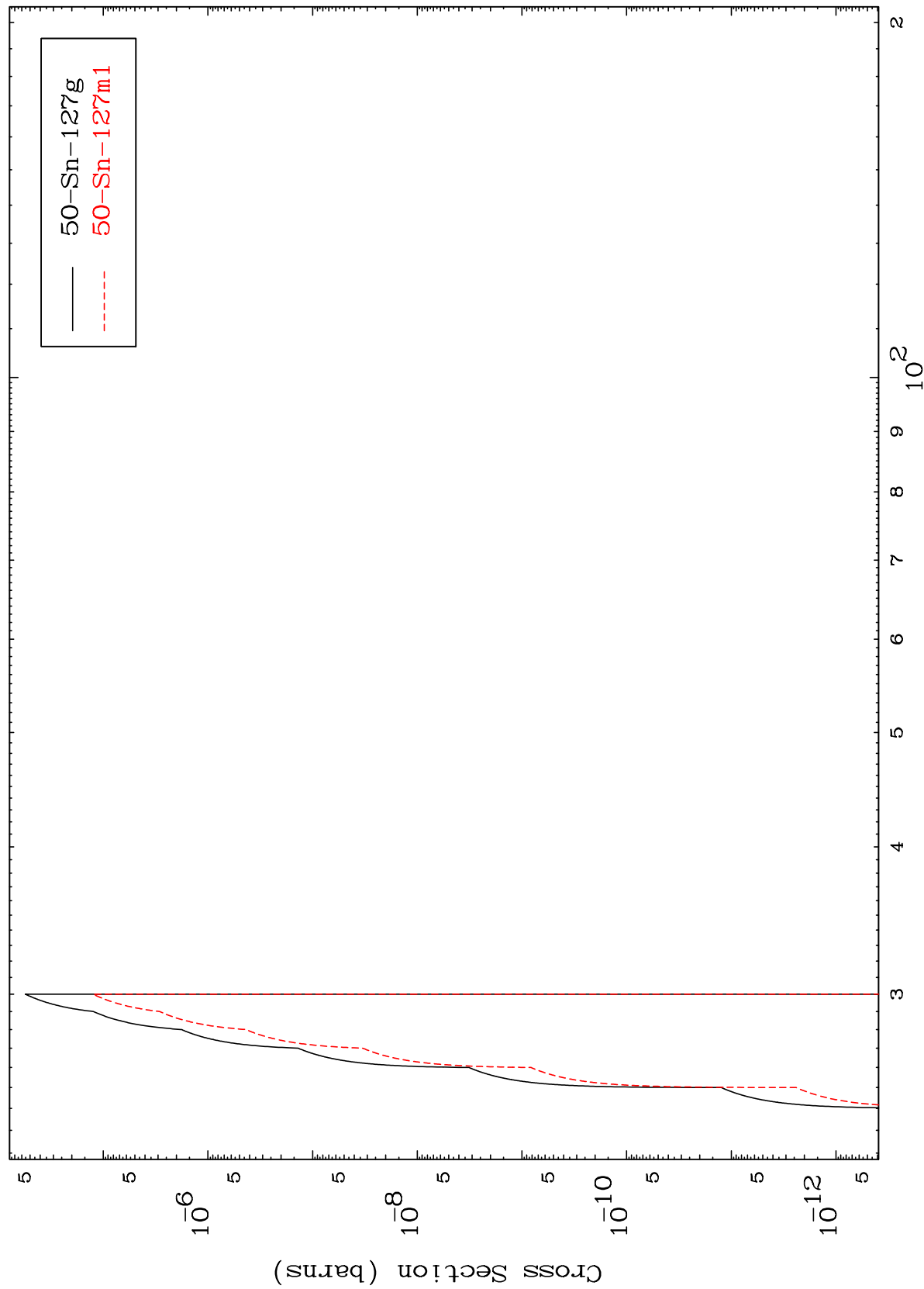
51-Sb-130m

MAT 5153

(n,3n) p

51-Sb-130m

Radionuclide Production Cross Section



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

31

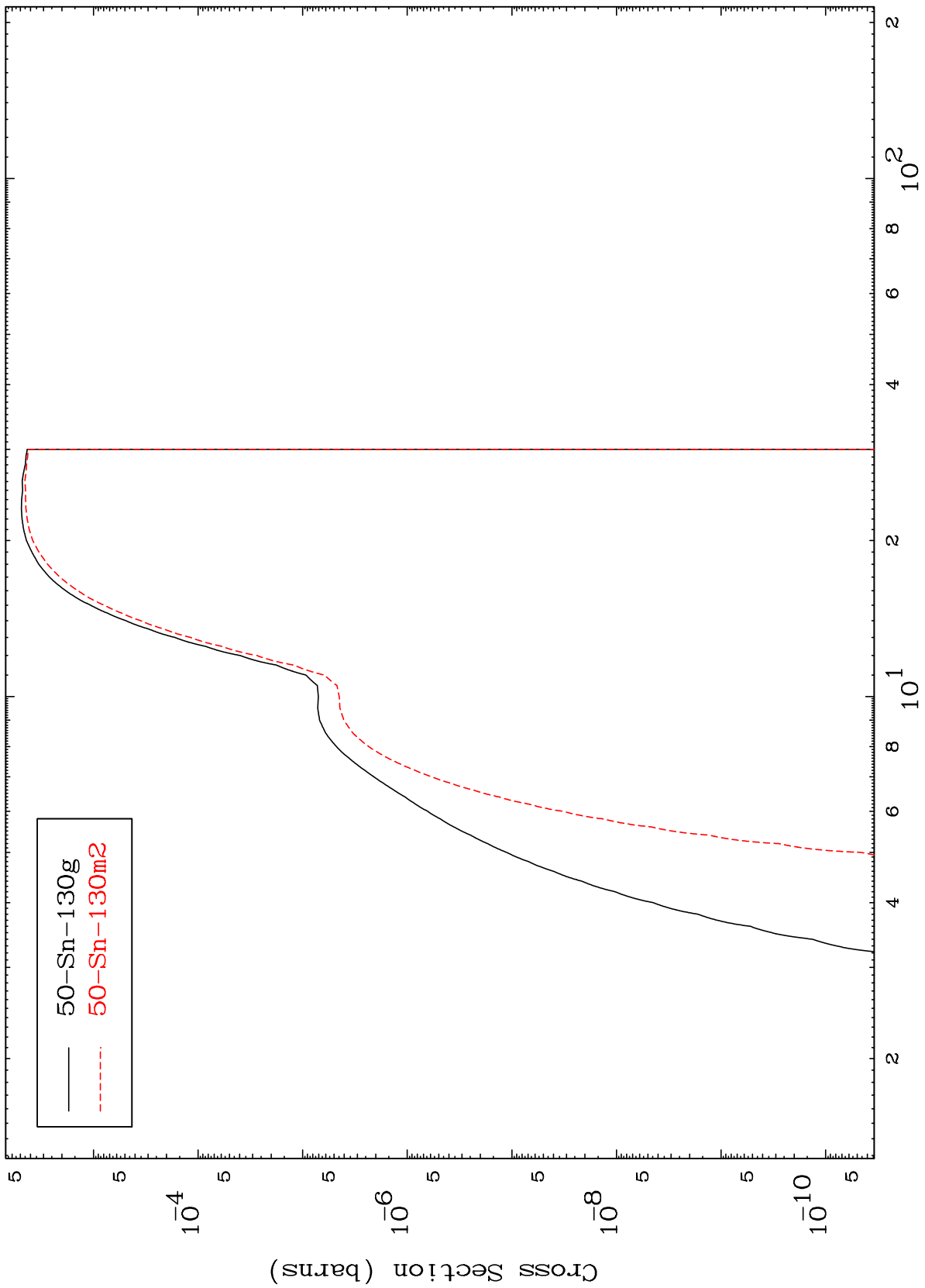
Incident Energy (MeV)

51-Sb-130m

MAT 5153

51-Sb-130m

(n,p)
Radionuclide Production Cross Section



32

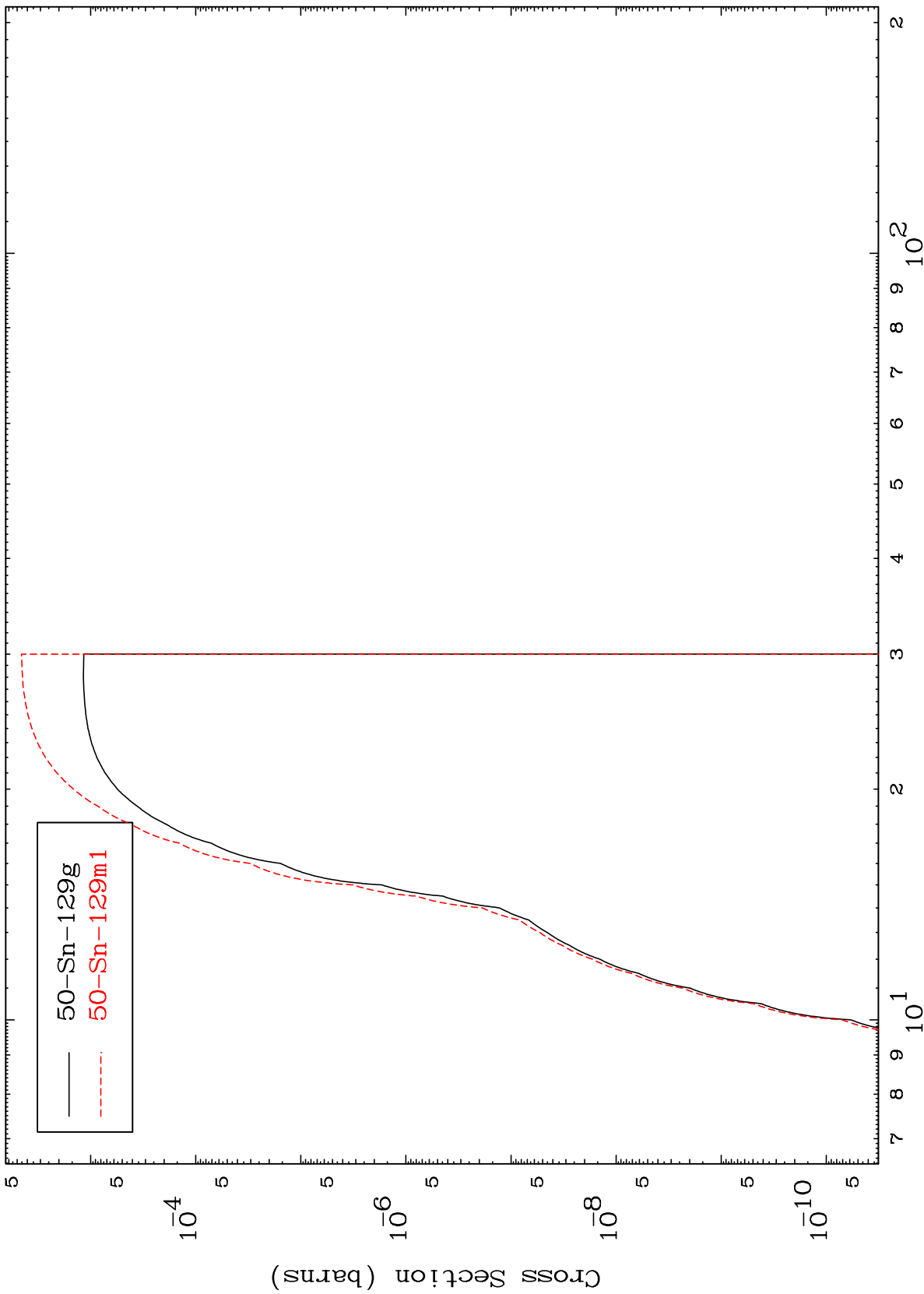
51-Sb-130m

Incident Energy (MeV)

MAT 5153

51-Sb-130m

(n,d)
Radionuclide Production Cross Section



— 50-Sn-129g
- - - 50-Sn-129m1

51-Sb-130m

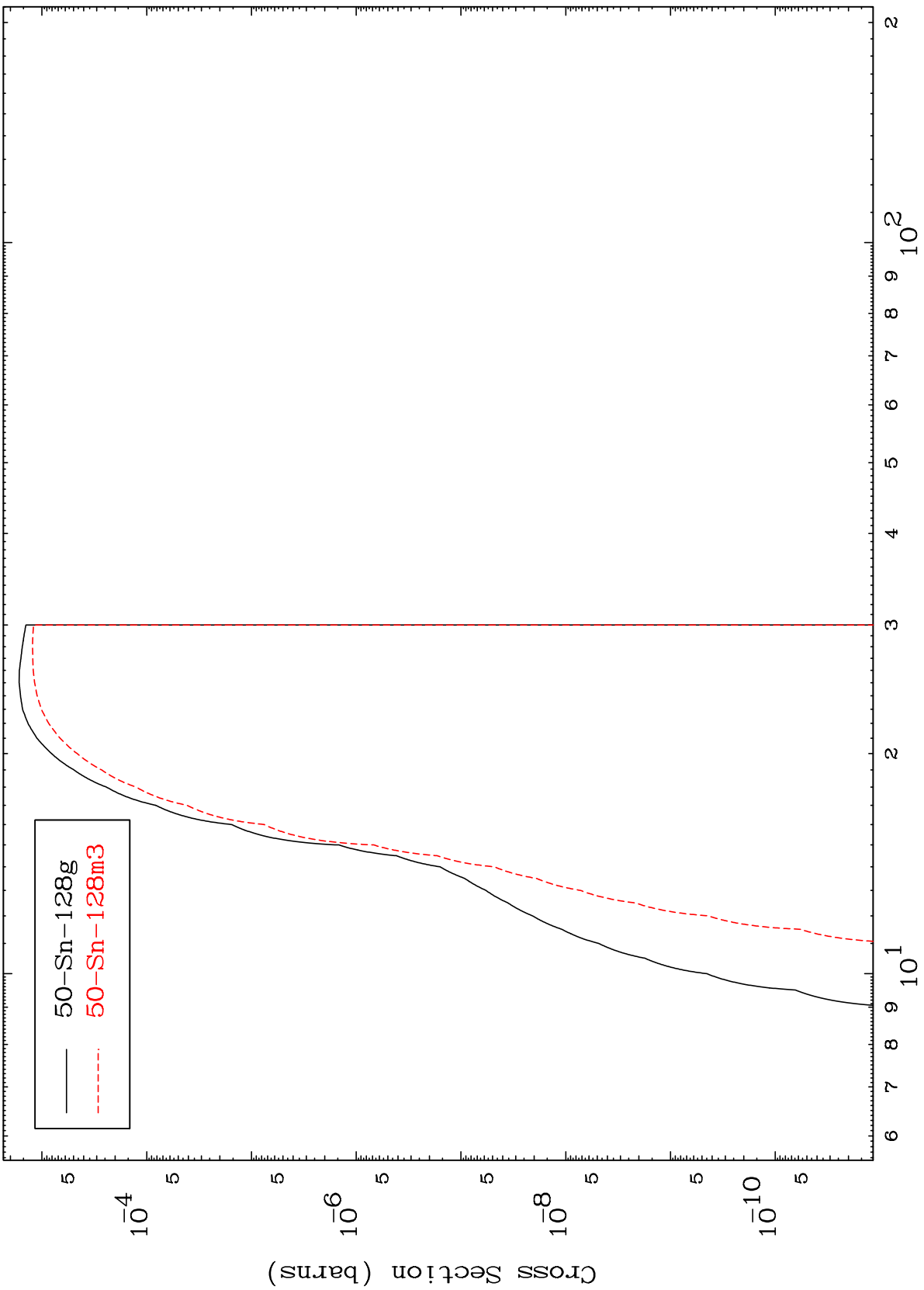
Incident Energy (MeV)

33

MAT 5153

51-Sb-130m

Radionuclide Production Cross Section



34

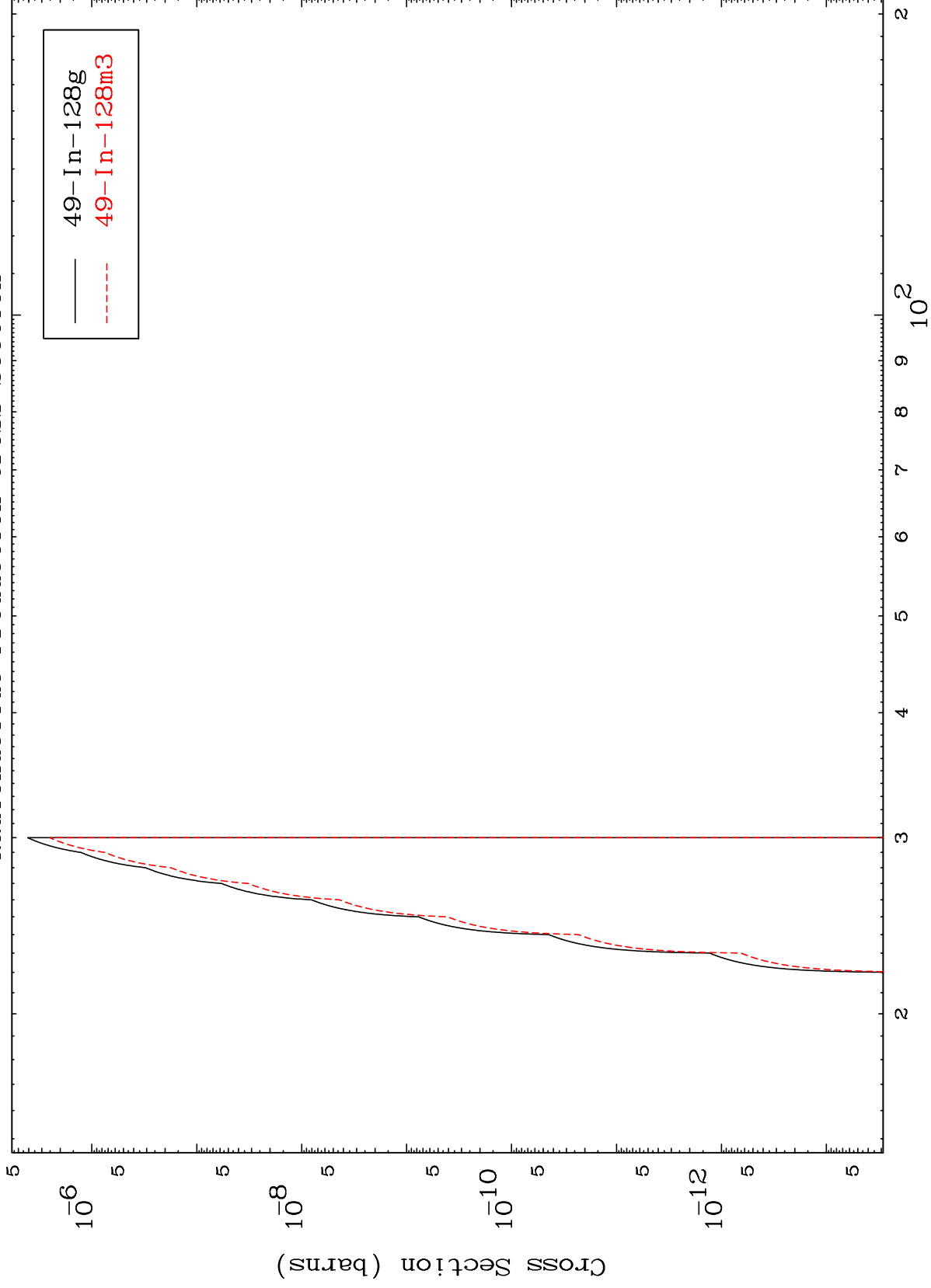
51-Sb-130m

MAT 5153

(n,He-3)

51-Sb-130m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

51-Sb-130m

MAT 5153

51-Sb-130m

(n, α)
Radionuclide Production Cross Section

