

Program EVALPLOT
(Version 2021-1)

by

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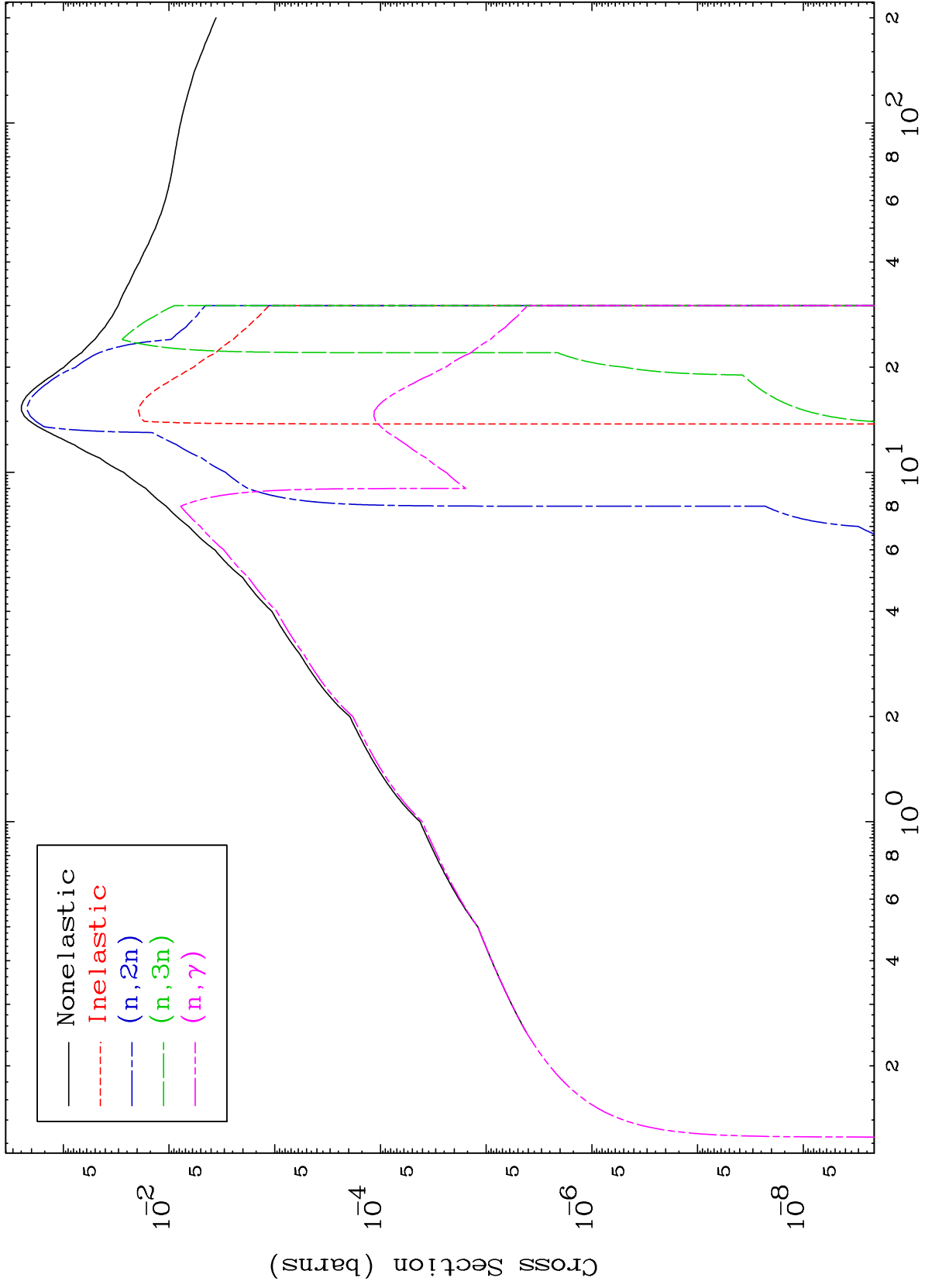
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5123

Photon Major
0 Kelvin Cross Sections

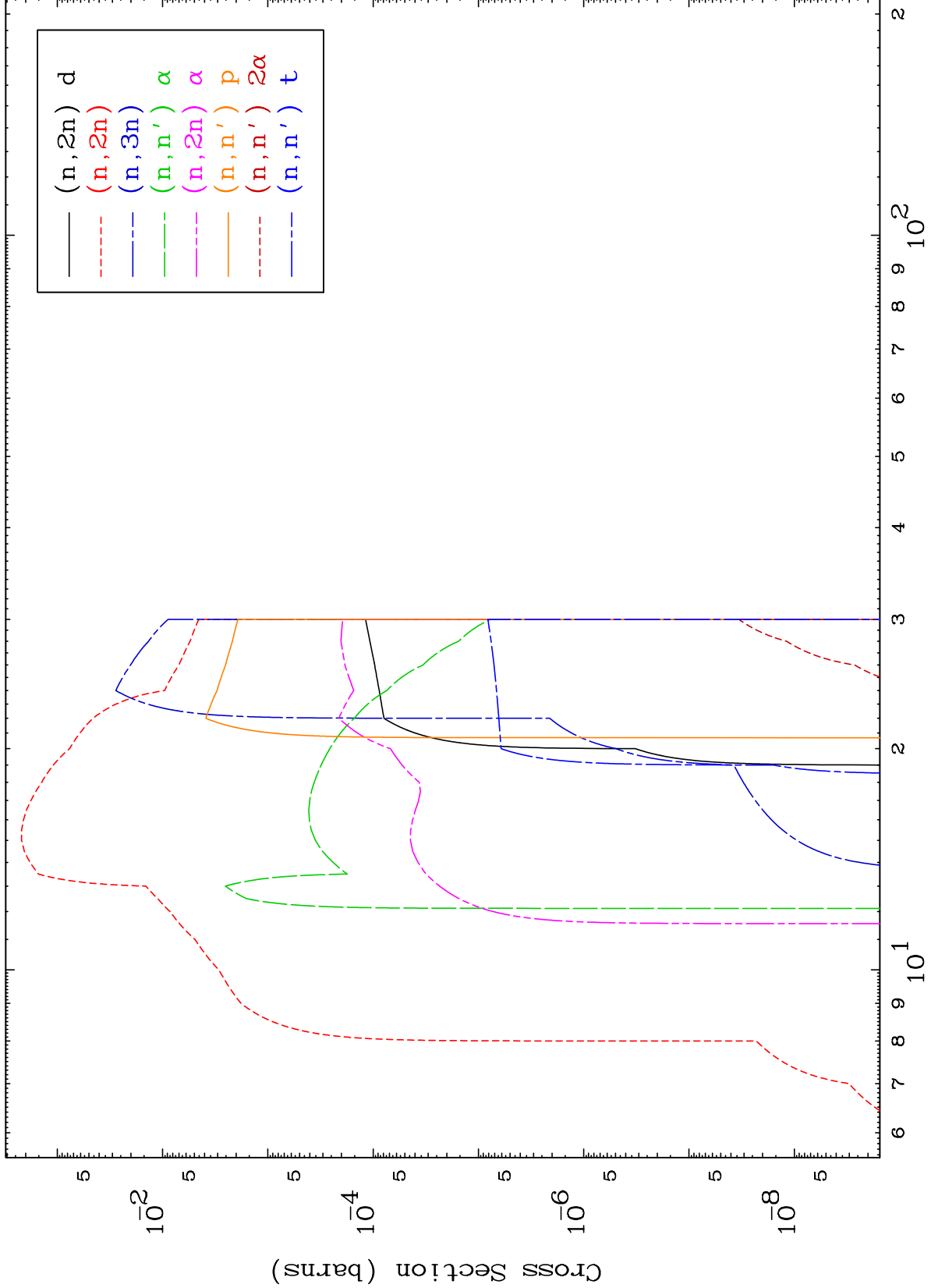
51-Sb-120m



MAT 5123

Photon Neutron Absorption
0 Kelvin Cross Sections

51-Sb-120m



2

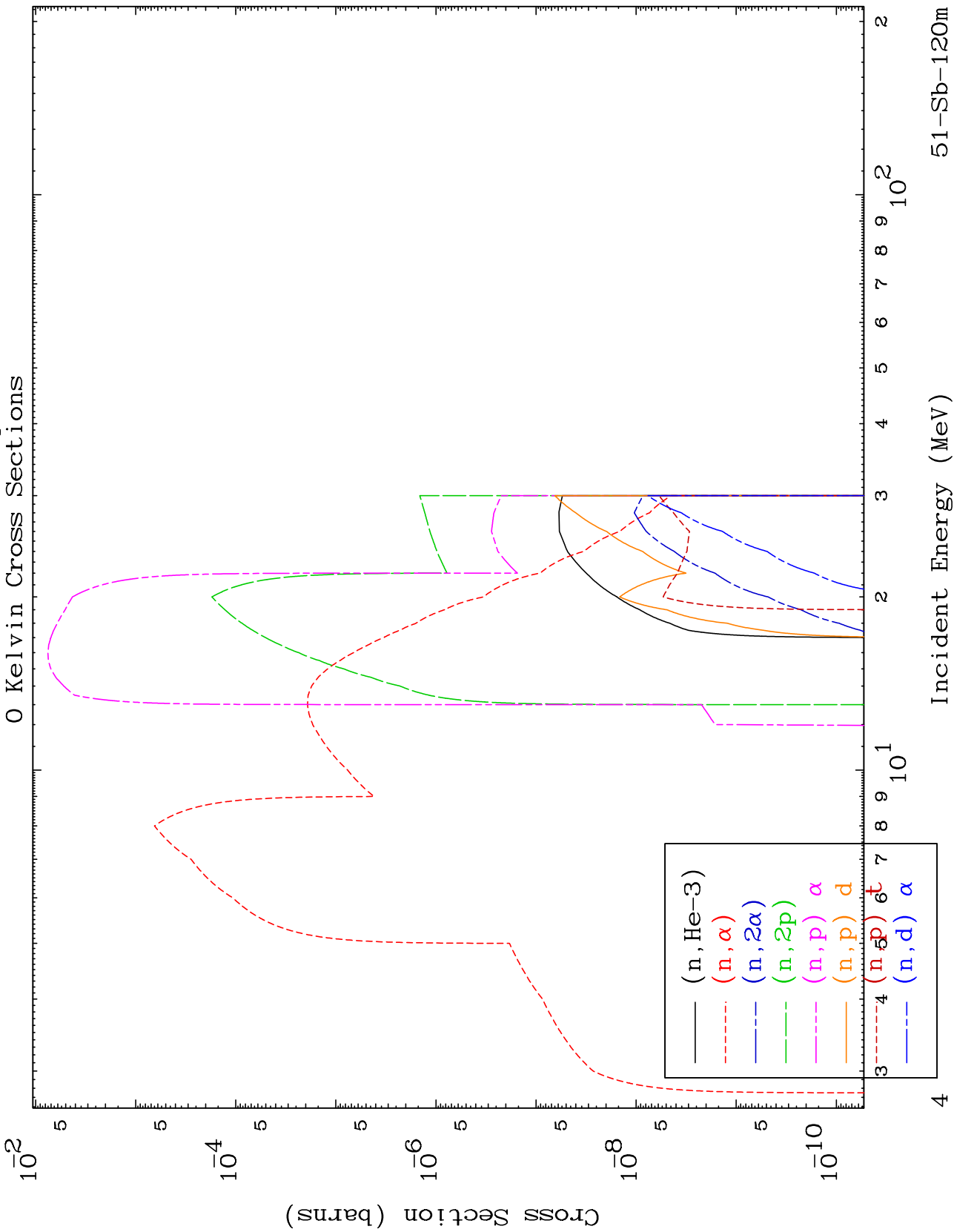
Incident Energy (MeV)

51-Sb-120m

MAT 5123

Photon Neutron Absorption
0 Kelvin Cross Sections

51-Sb-120m



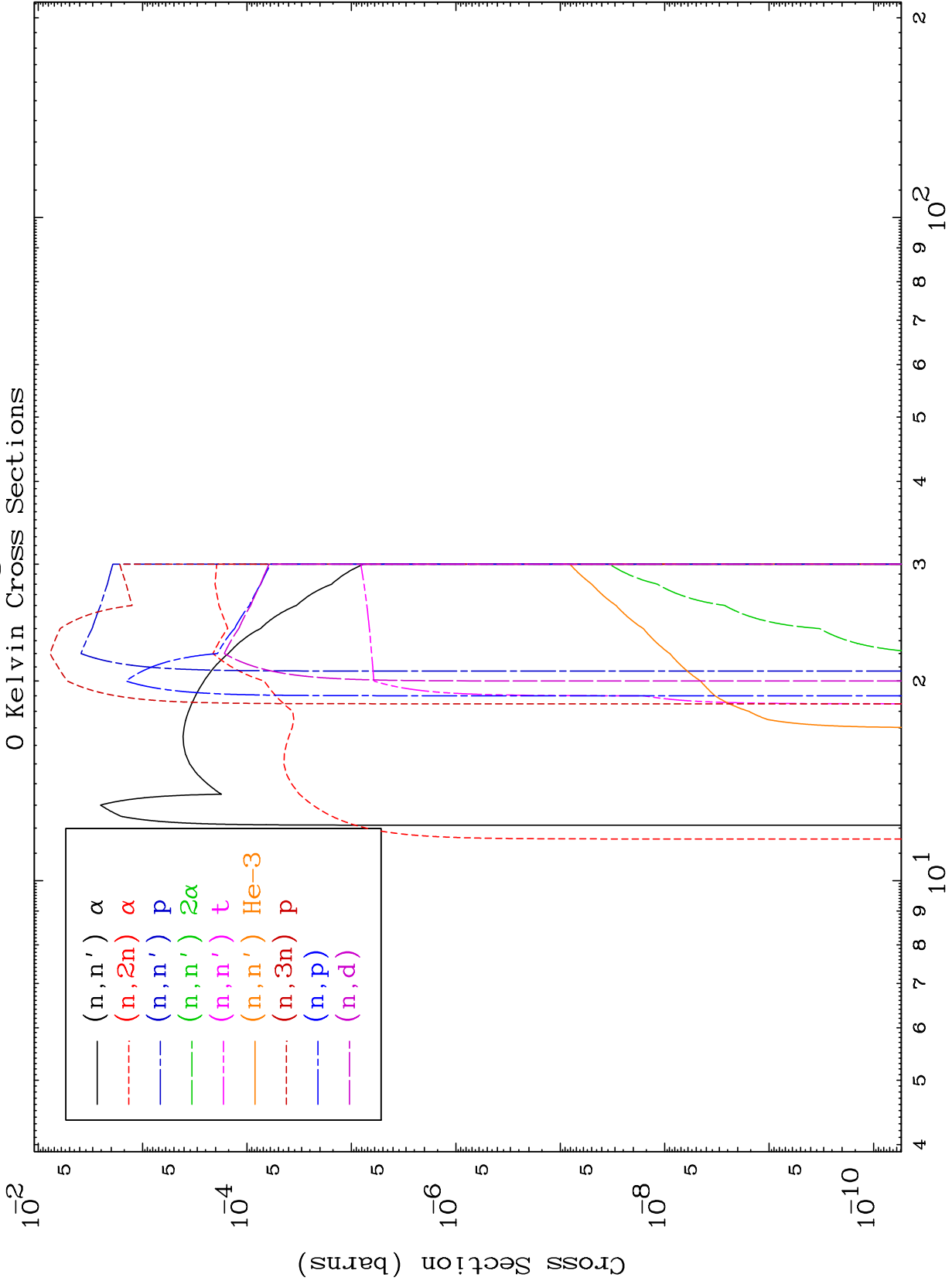
51-Sb-120m

Incident Energy (MeV)

MAT 5123

Photon Charged Particle
0 Kelvin Cross Sections

51-Sb-120m



5

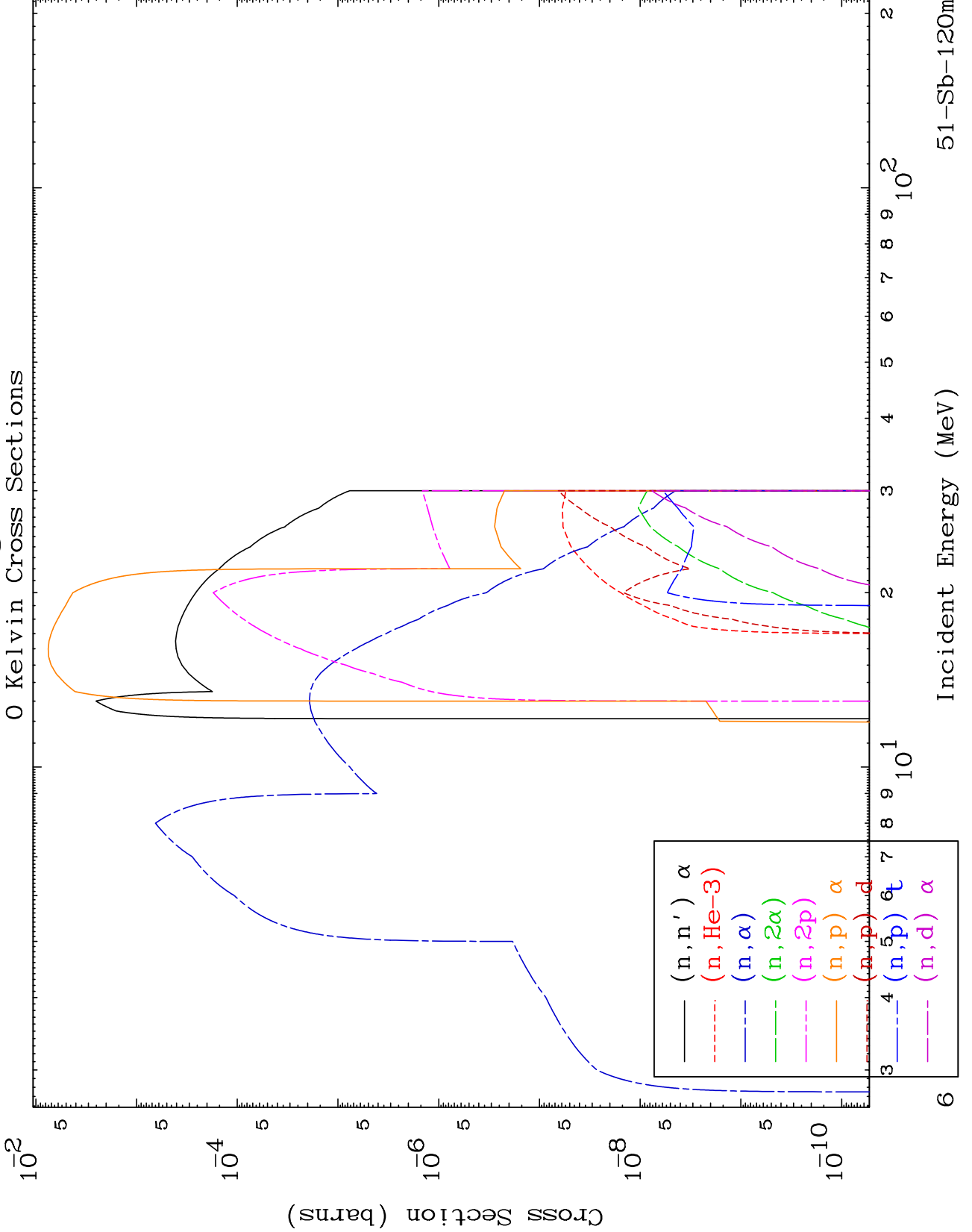
Incident Energy (MeV)

51-Sb-120m

MAT 5123

Photon Charged Particle
0 Kelvin Cross Sections

51-Sb-120m



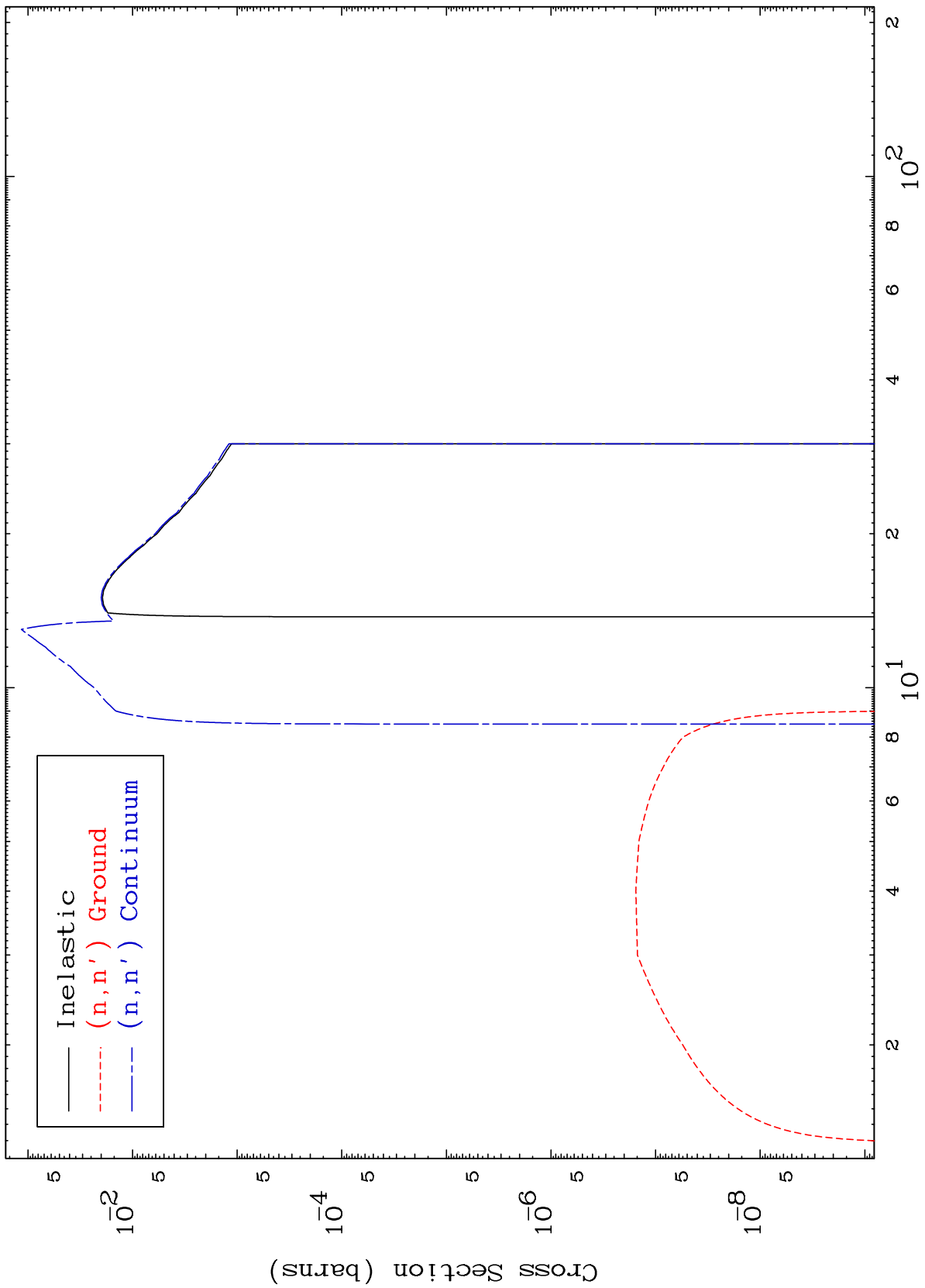
51-Sb-120m

Incident Energy (MeV)

MAT 5123

51-Sb-120m

(γ, n') Levels
0 Kelvin Cross Sections



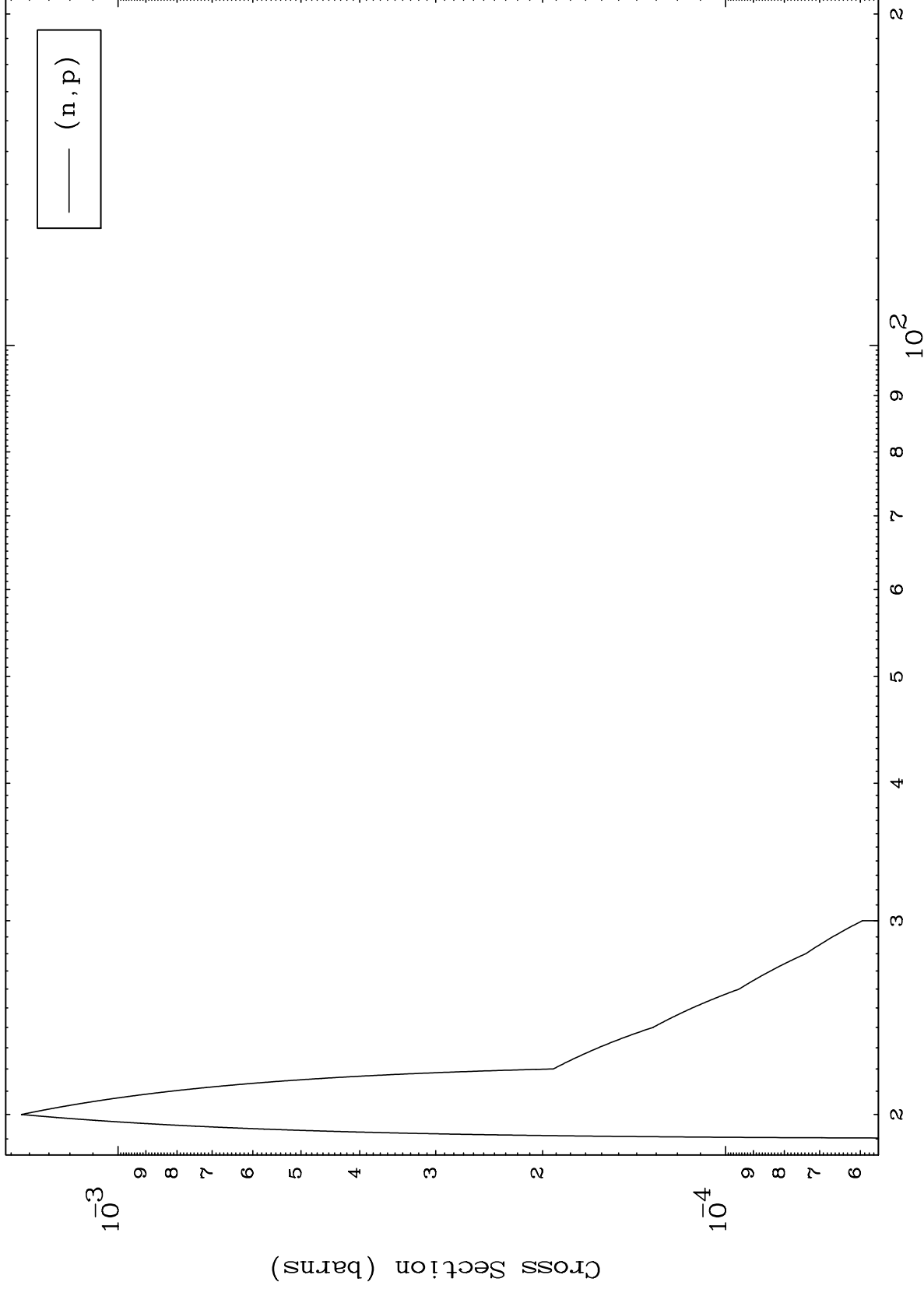
51-Sb-120m

Incident Energy (MeV)

MAT 5123

(γ, p) Levels
0 Kelvin Cross Sections

51-Sb-120m



8

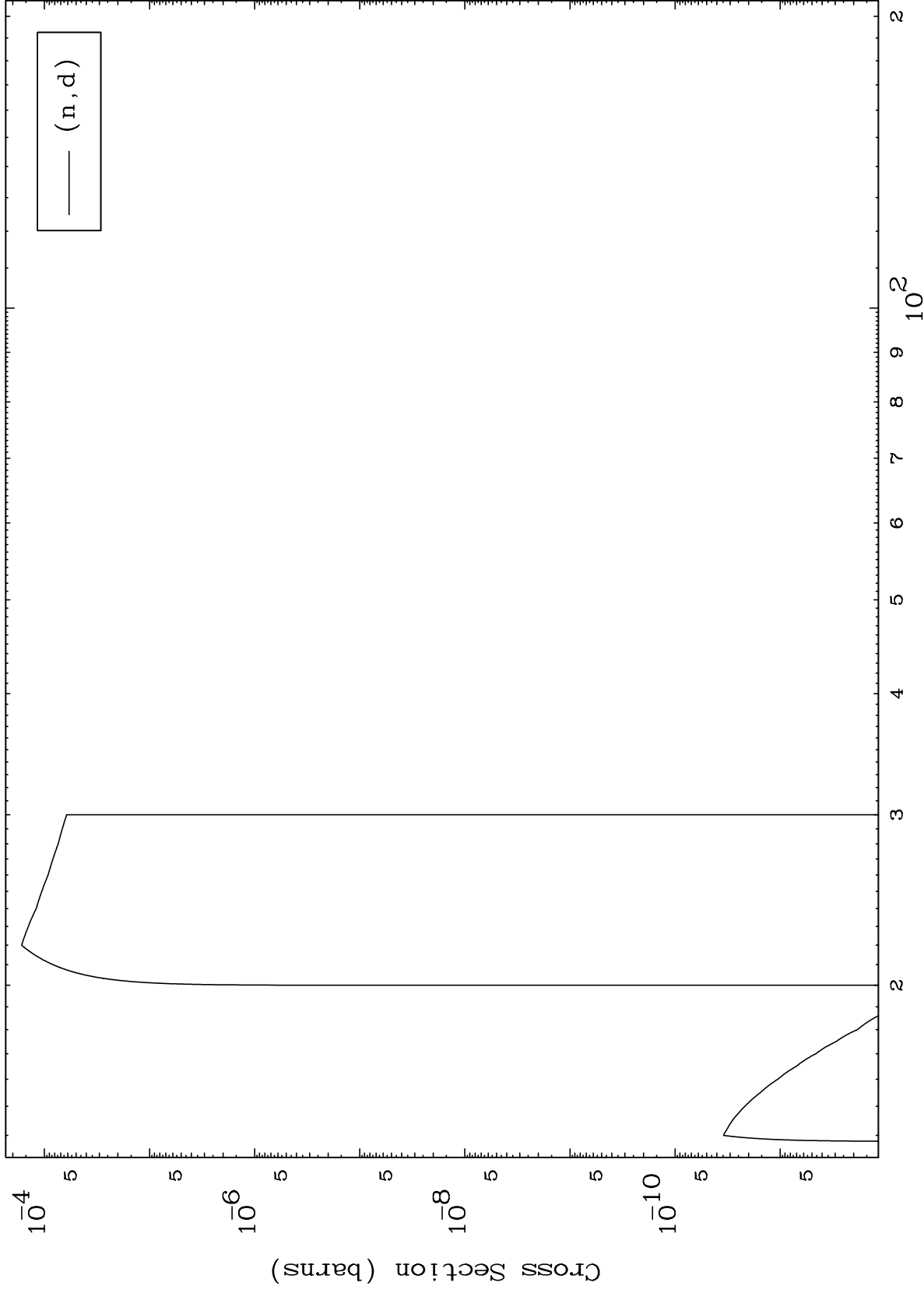
Incident Energy (MeV)

51-Sb-120m

MAT 5123

(γ, d) Levels
0 Kelvin Cross Sections

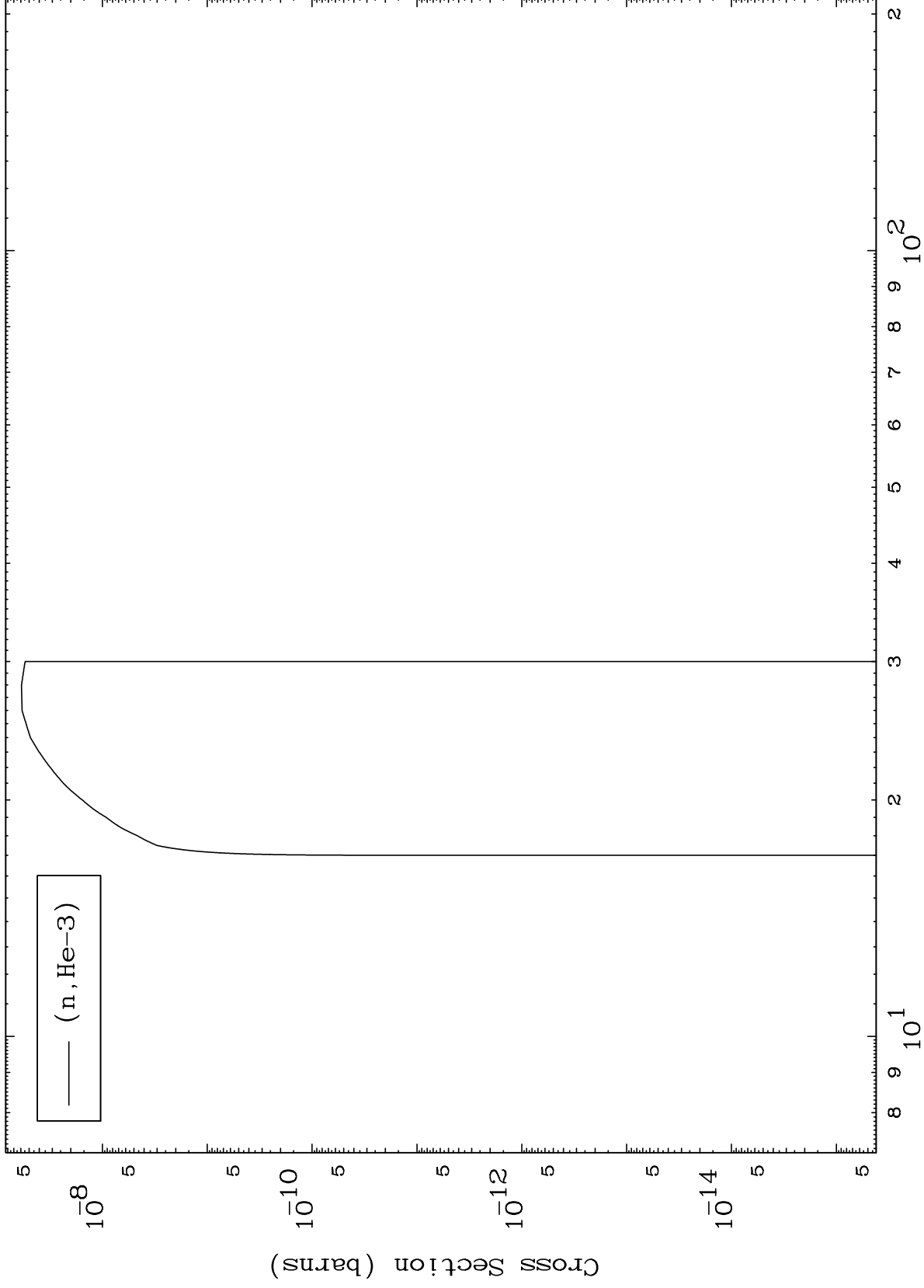
51-Sb-120m



MAT 5123

($\gamma, \text{He}3$) Levels
0 Kelvin Cross Sections

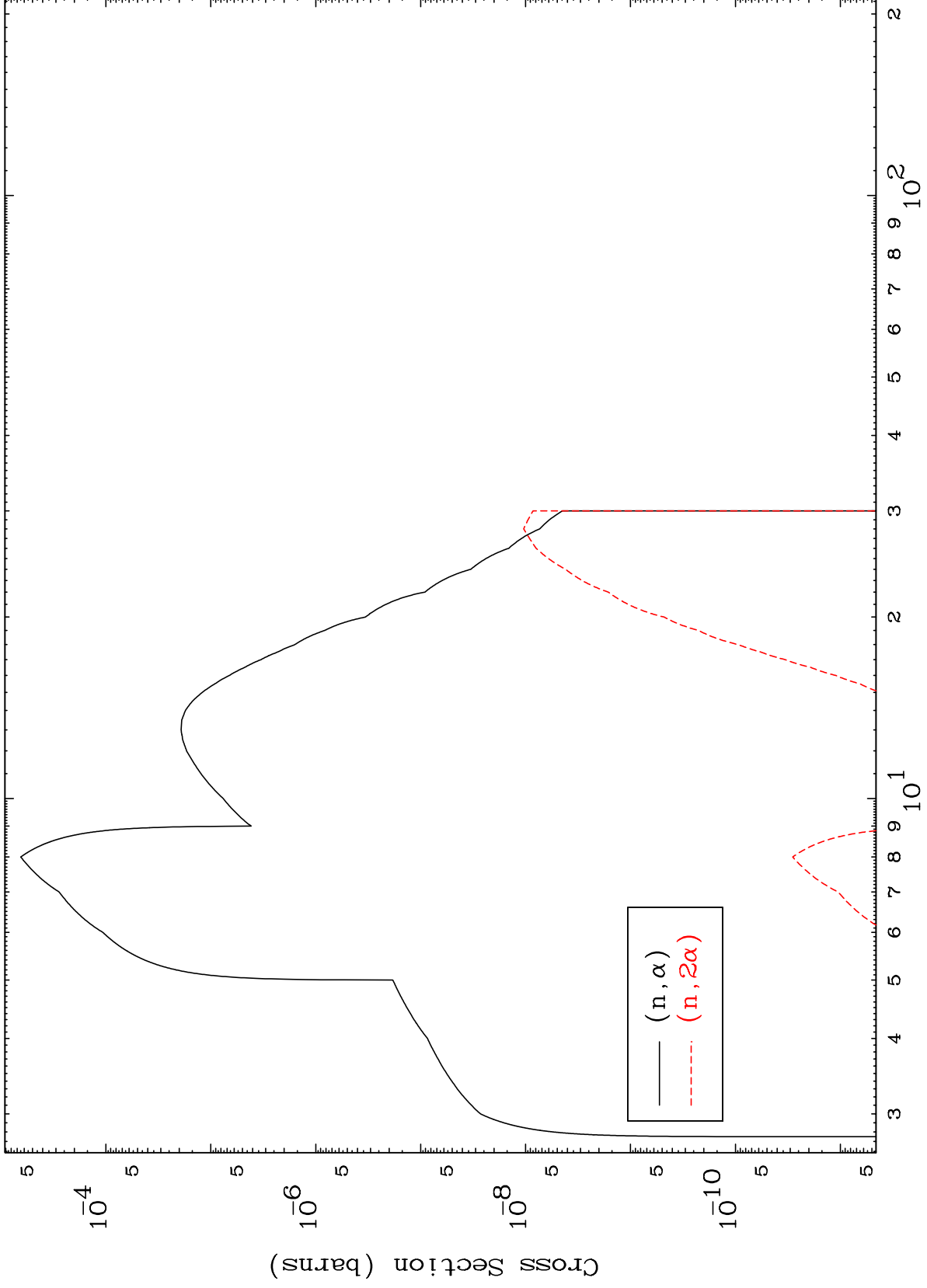
51-Sb-120m



10

Incident Energy (MeV)

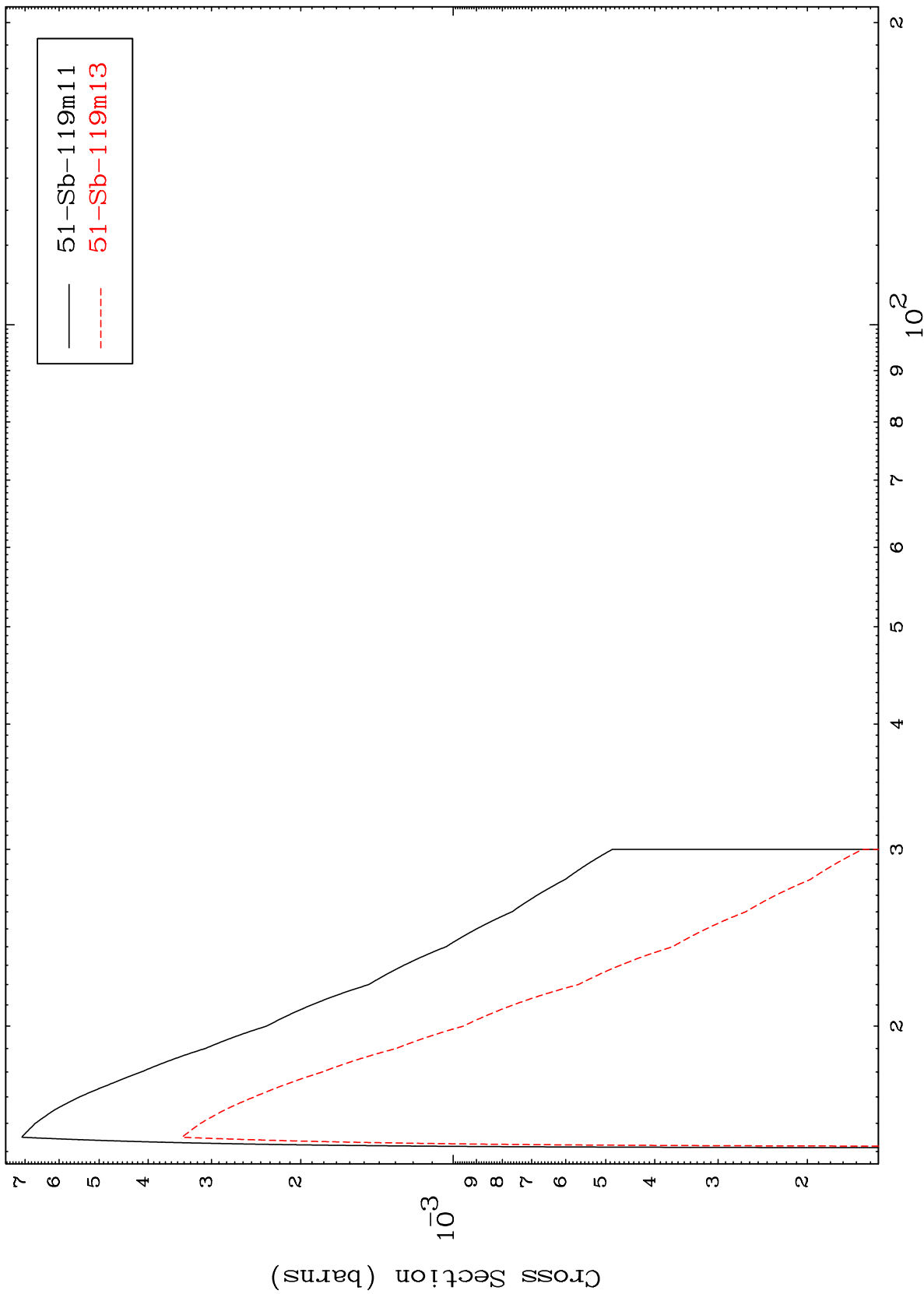
51-Sb-120m



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51-Sb-120m

Inelastic
Radionuclide Production Cross Section



51-Sb-119m11
51-Sb-119m13

12

51-Sb-120m

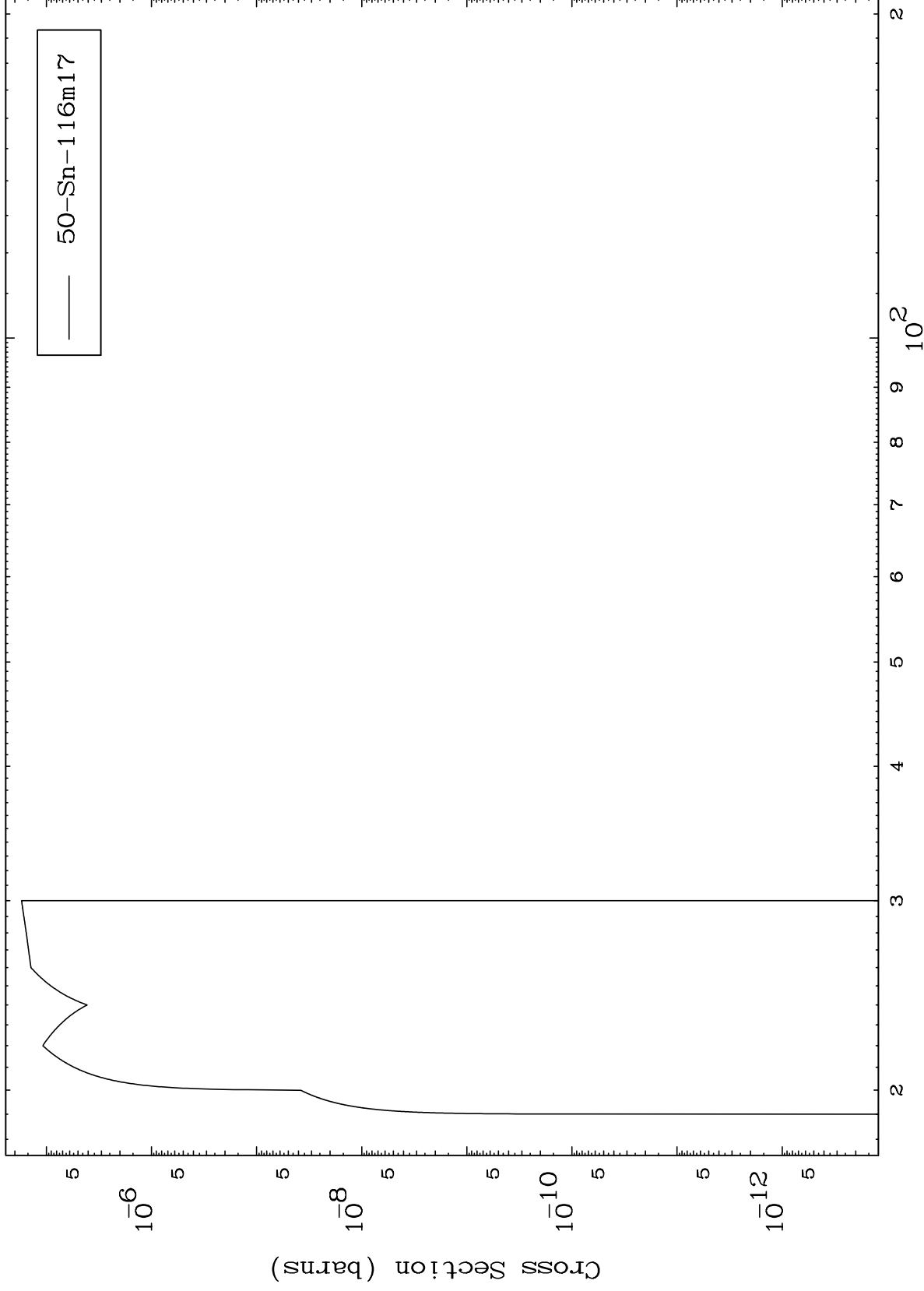
Incident Energy (MeV)

MAT 5123

(n,2n) d

51-Sb-120m

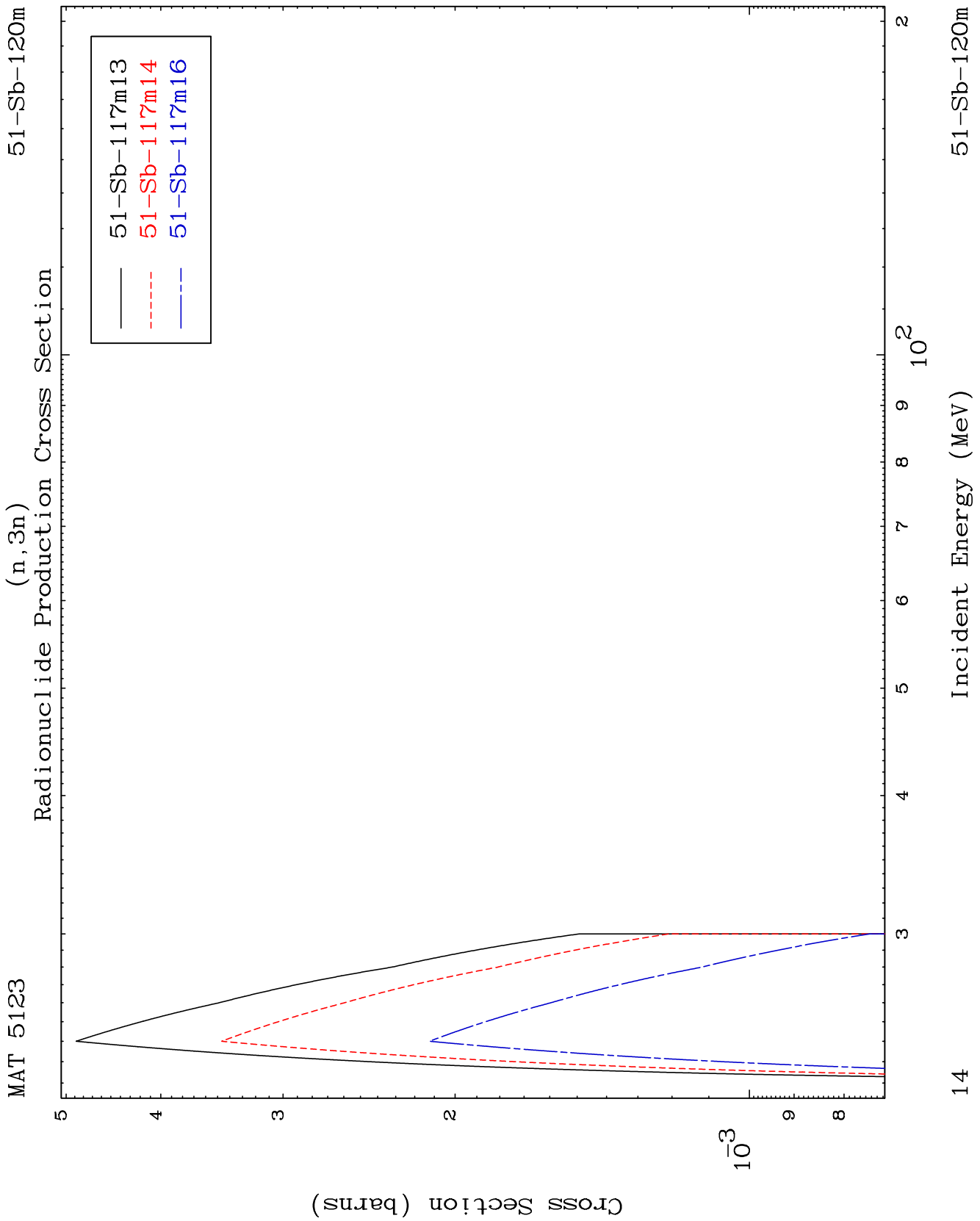
Radionuclide Production Cross Section



13

Incident Energy (MeV)

51-Sb-120m

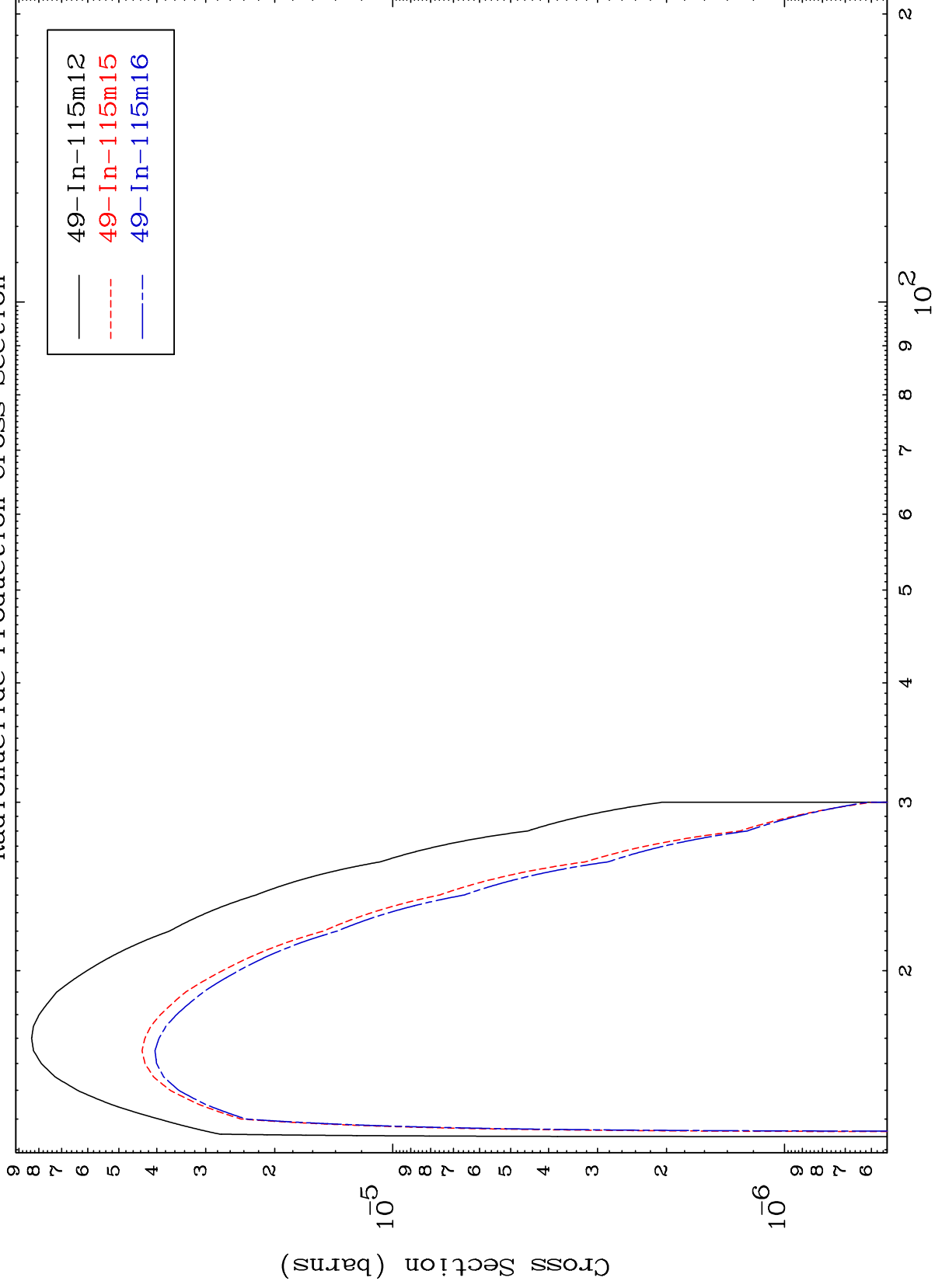


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$(n, n') \alpha$

51-Sb-120m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

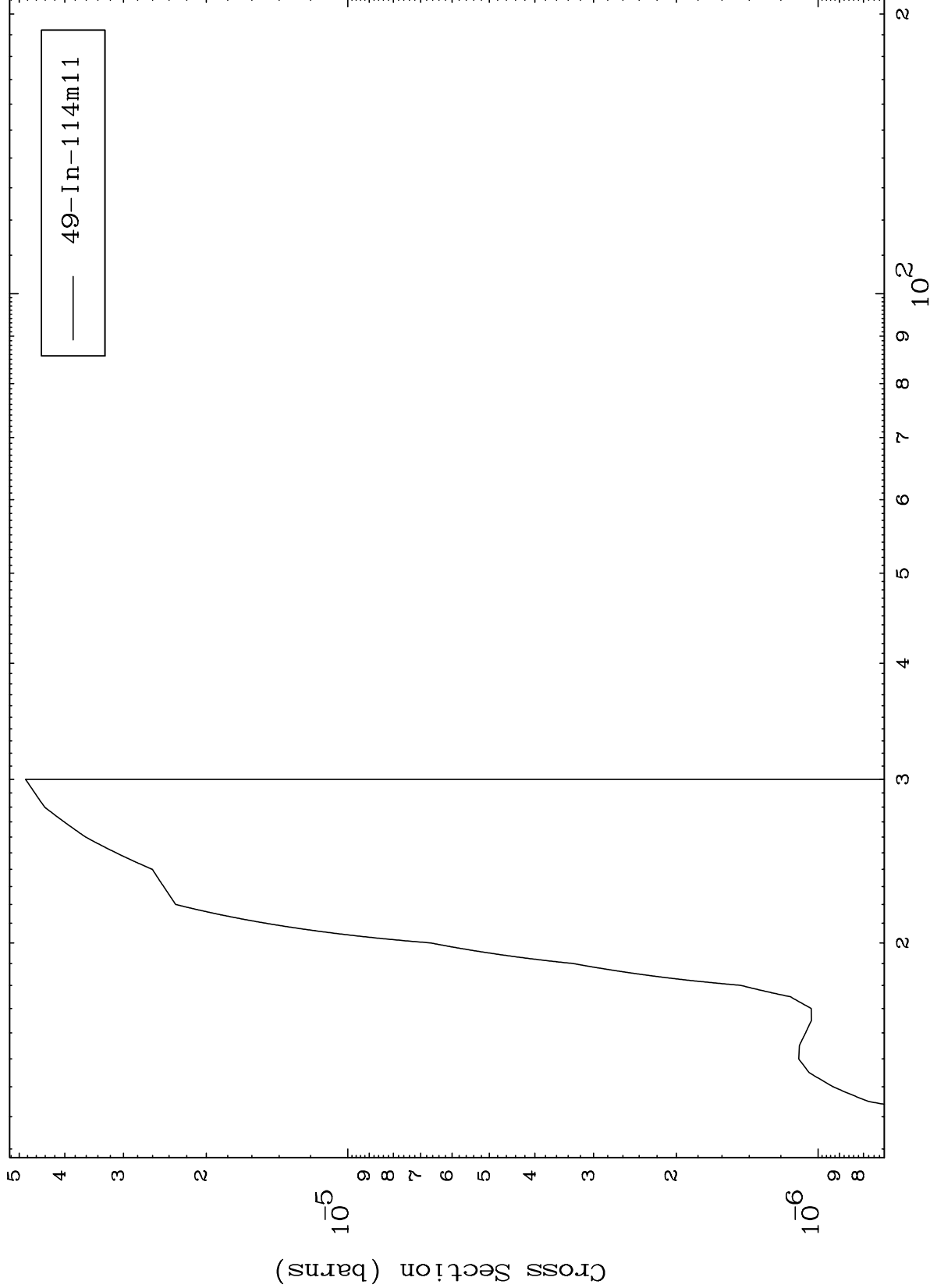
51-Sb-120m

MAT 5123

(n,2n) α

51-Sb-120m

Radionuclide Production Cross Section



16

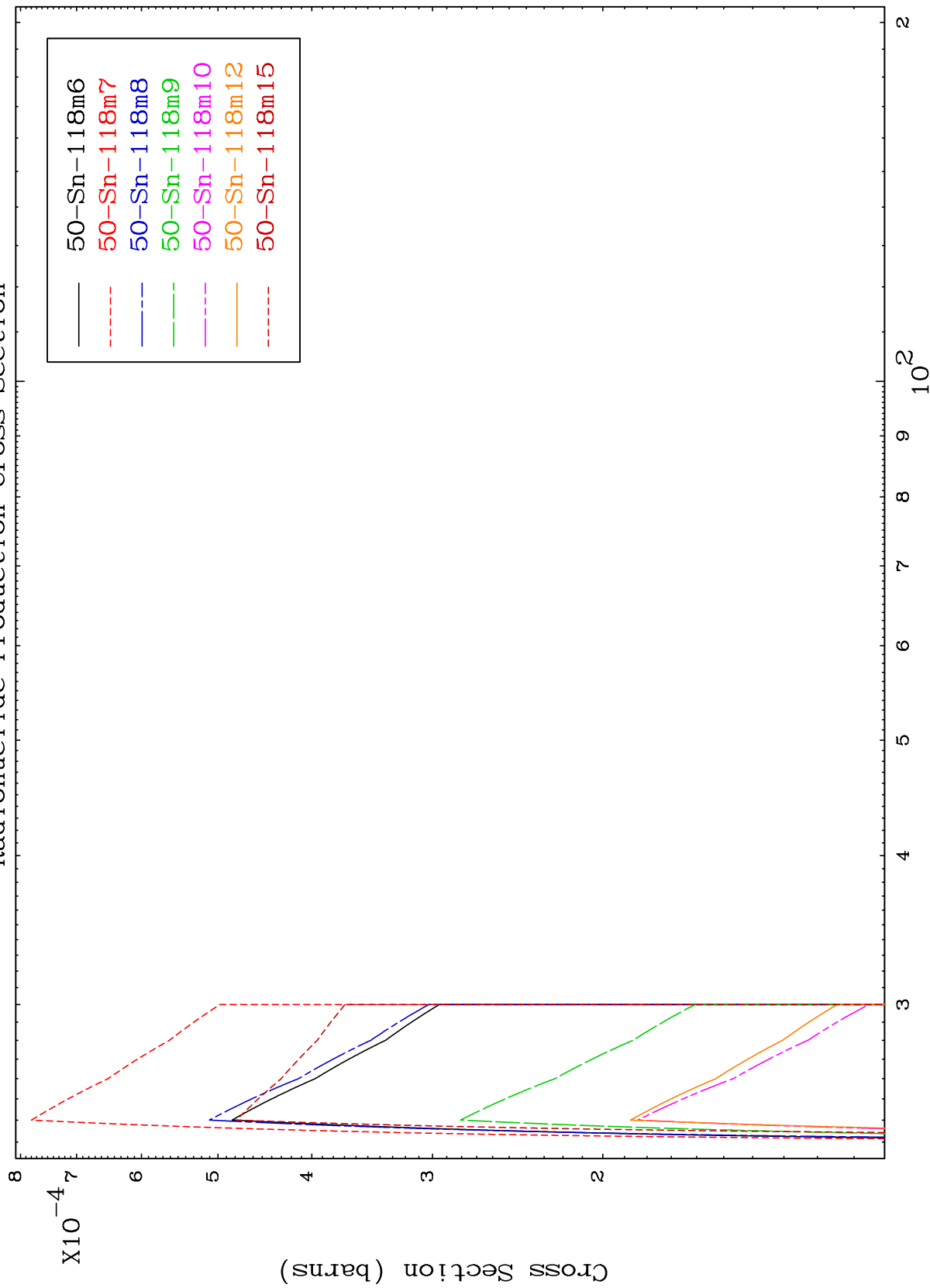
Incident Energy (MeV)

51-Sb-120m

MAT 5123

51-Sb-120m

$(n, n') p$
Radionuclide Production Cross Section



51-Sb-120m

Incident Energy (MeV)

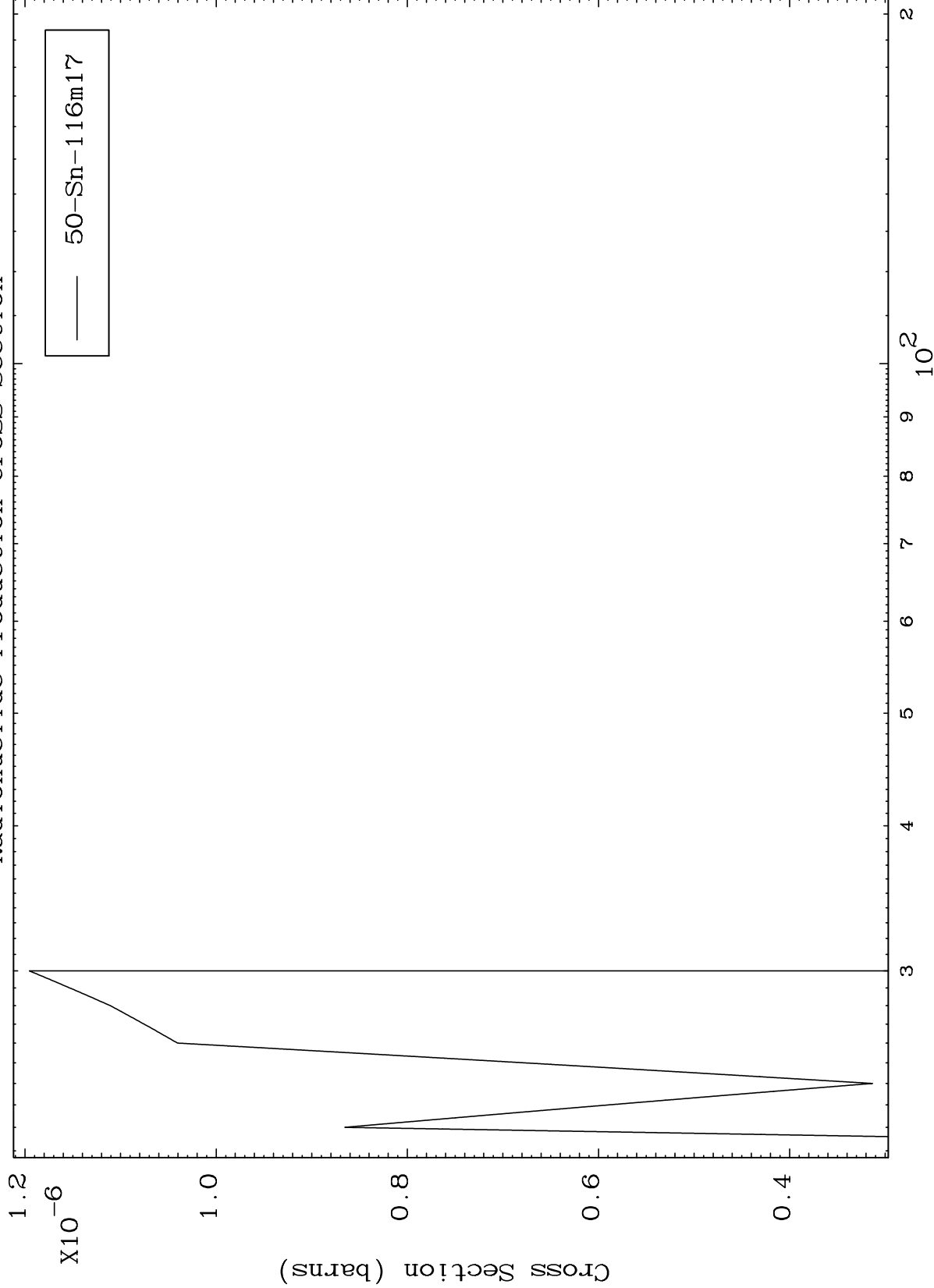
17

MAT 5123

(n,n') t

51-Sb-120m

Radionuclide Production Cross Section



50-Sn-116m17

18

Incident Energy (MeV)

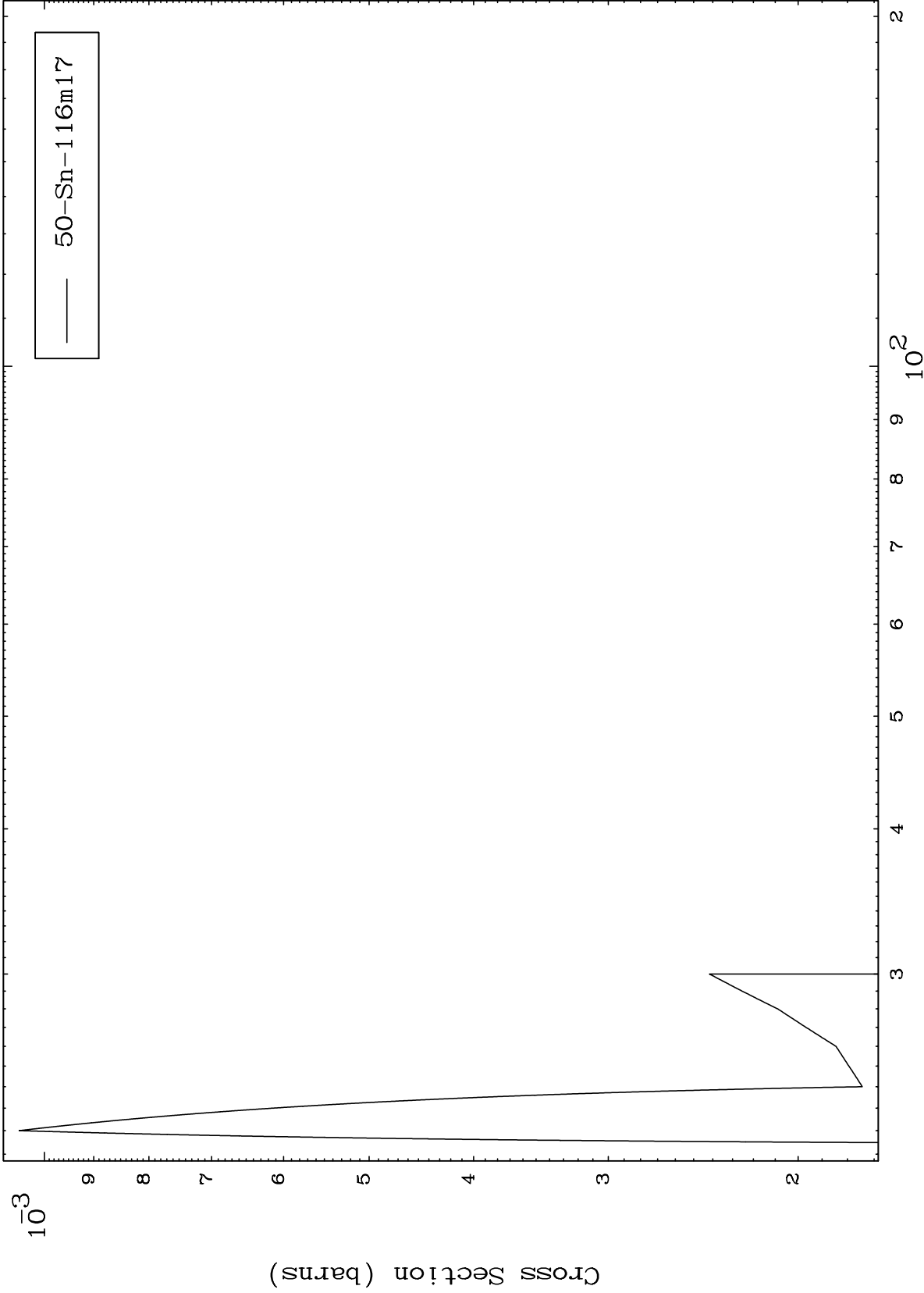
51-Sb-120m

MAT 5123

51-Sb-120m

(n,3n) p

Radionuclide Production Cross Section



19

Incident Energy (MeV)

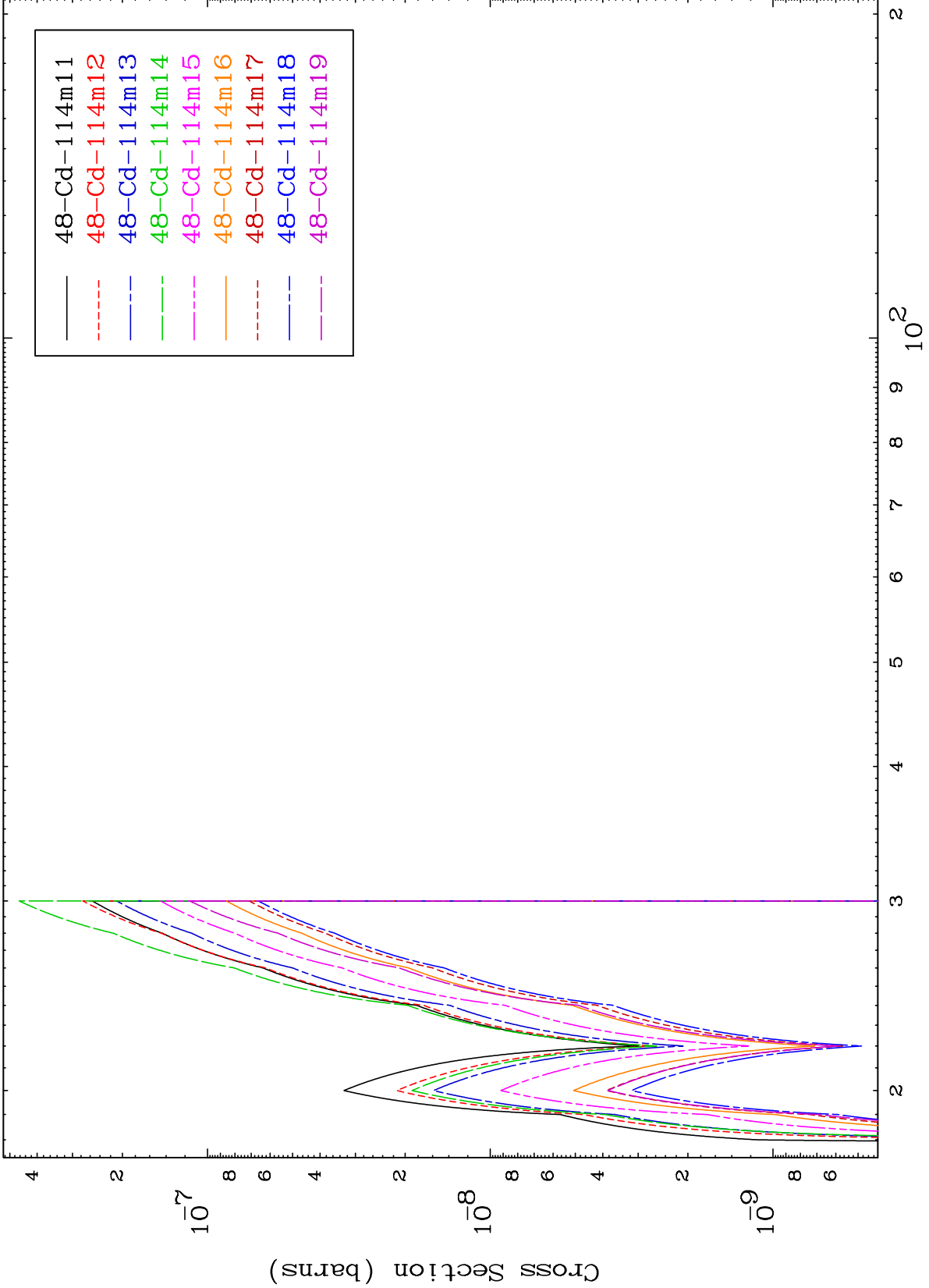
51-Sb-120m

MAT 5123

(n,n') p α

51-Sb-120m

Radionuclide Production Cross Section



20

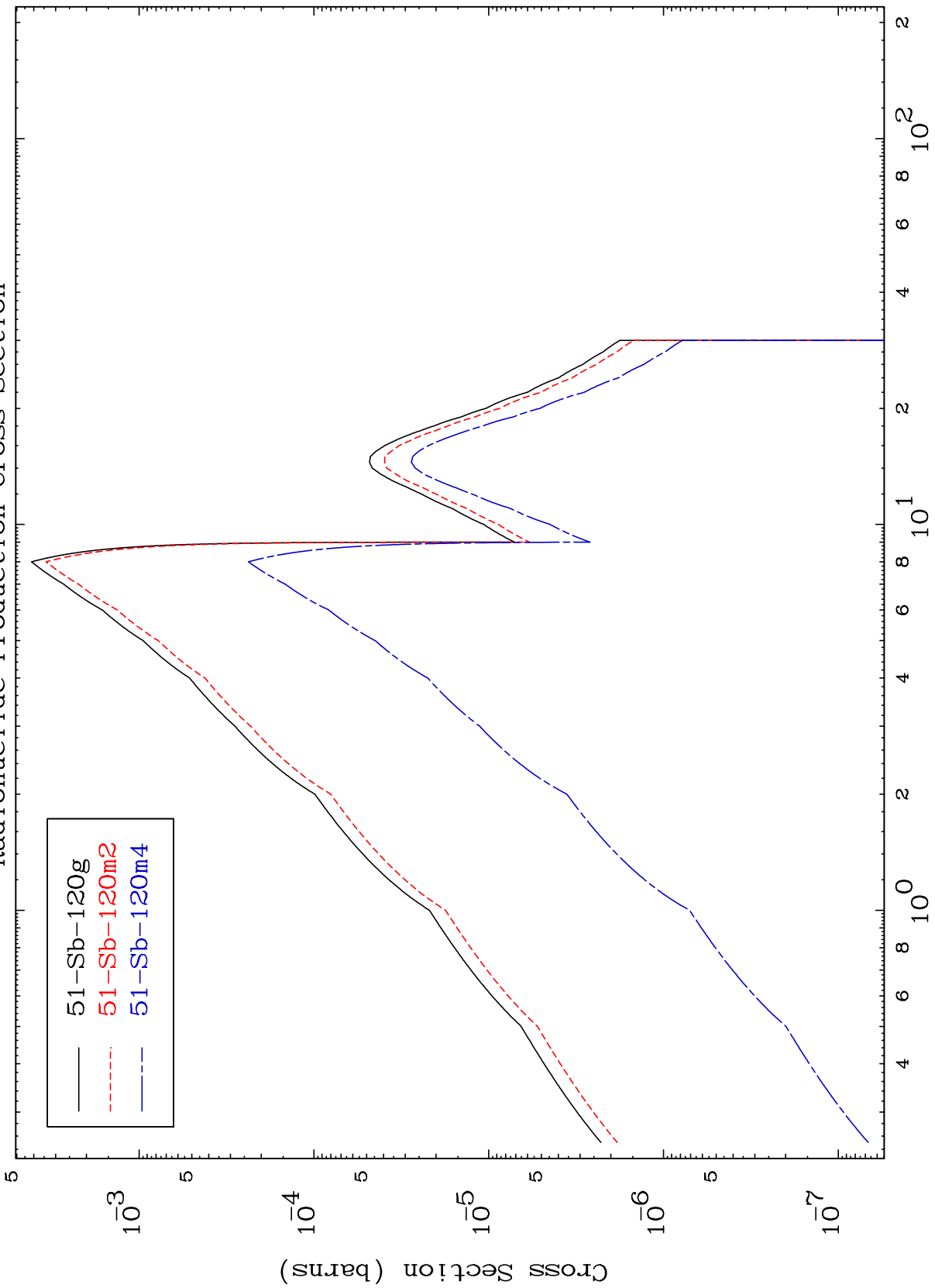
Incident Energy (MeV)

51-Sb-120m

MAT 5123

51-Sb-120m

Radionuclide Production Cross Section
(n, γ)



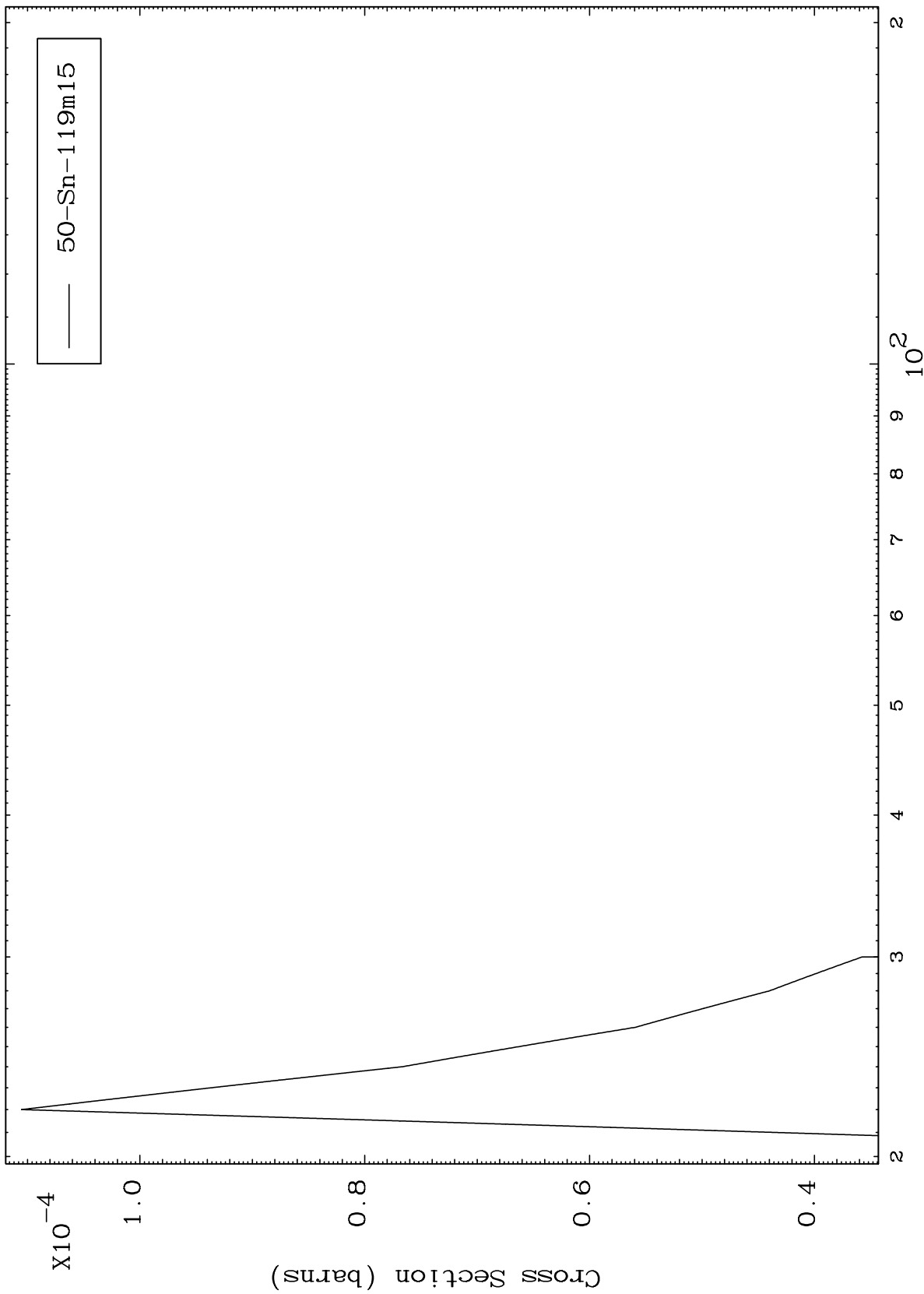
51-Sb-120m

Incident Energy (MeV)

MAT 5123

51-Sb-120m

(n,p)
Radionuclide Production Cross Section



— 50-Sn-119m15

51-Sb-120m

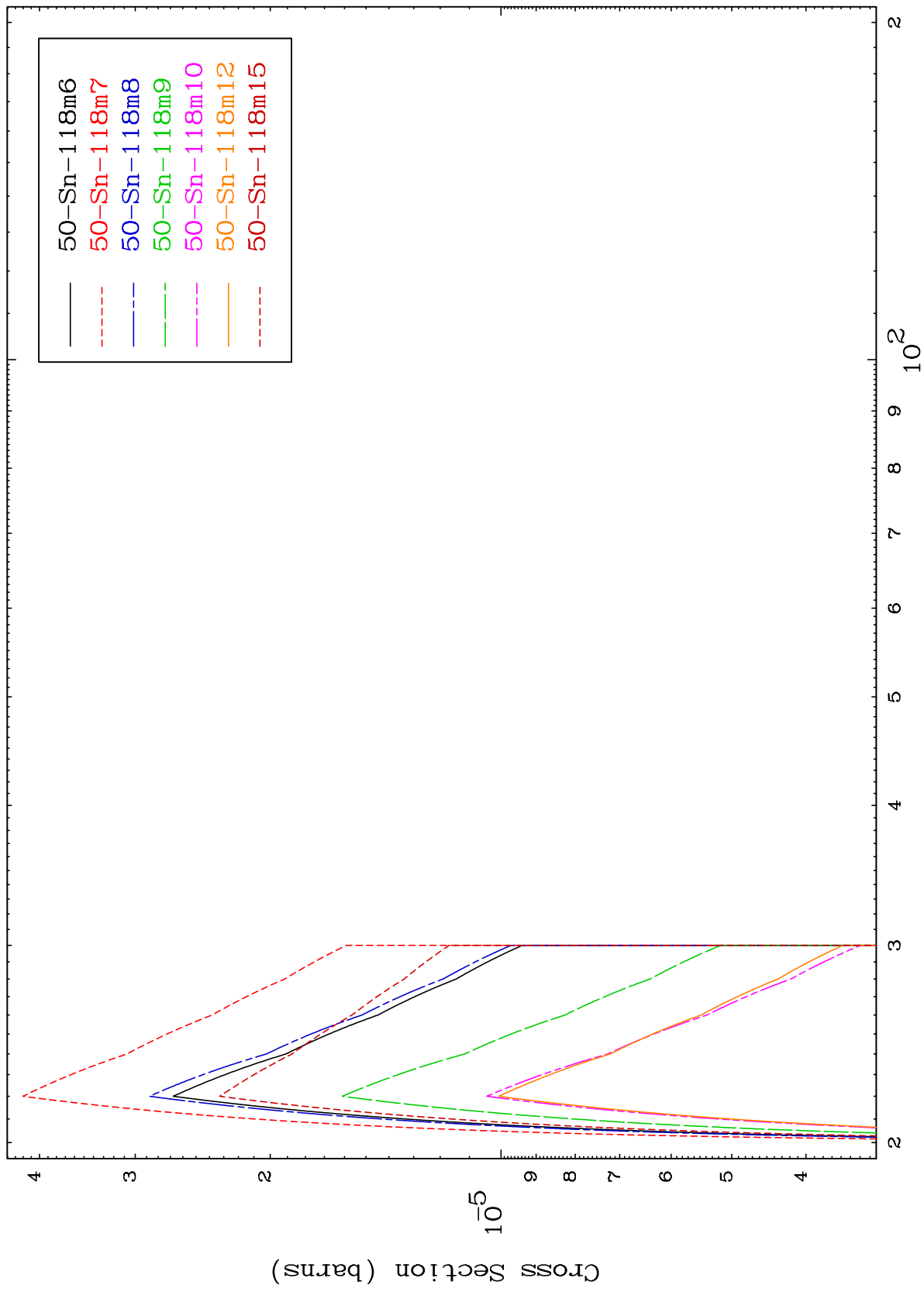
Incident Energy (MeV)

22

MAT 5123

51-Sb-120m

(n,d)
Radionuclide Production Cross Section



51-Sb-120m

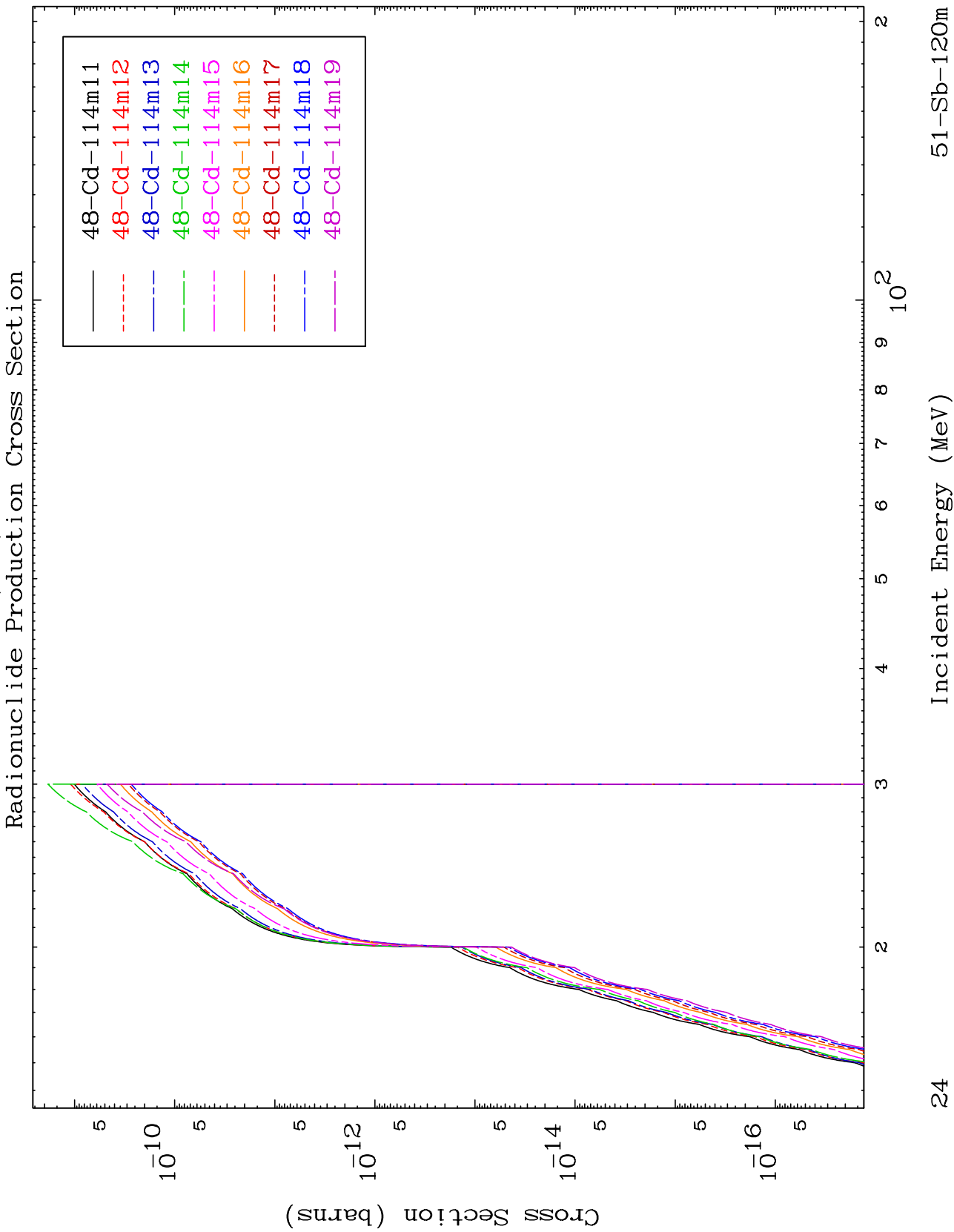
Incident Energy (MeV)

23

MAT 5123

(n,d) α

51-Sb-120m



24

Incident Energy (MeV)

51-Sb-120m