

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

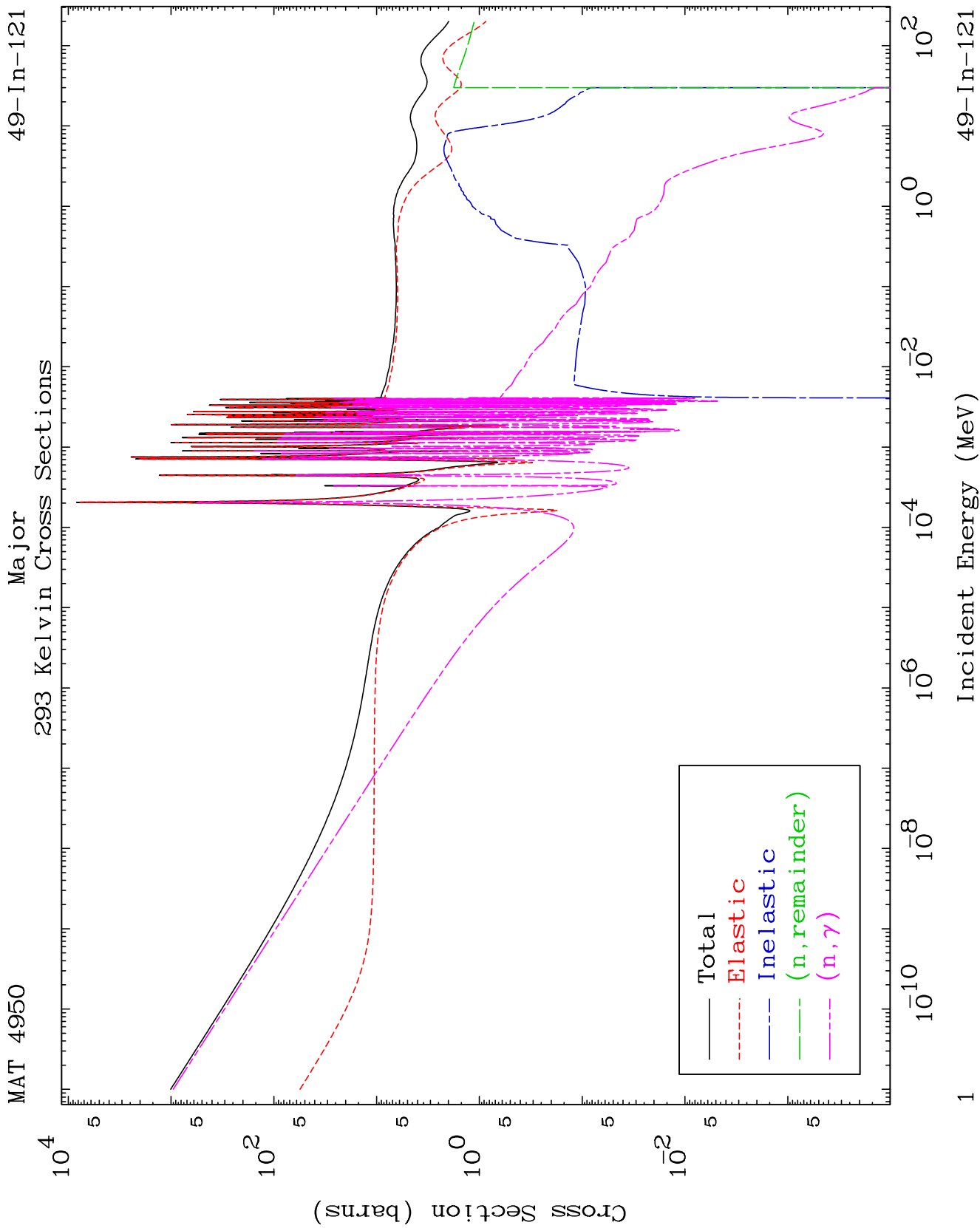
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Web:redcullen1.net/HOMEPAGE.NEW

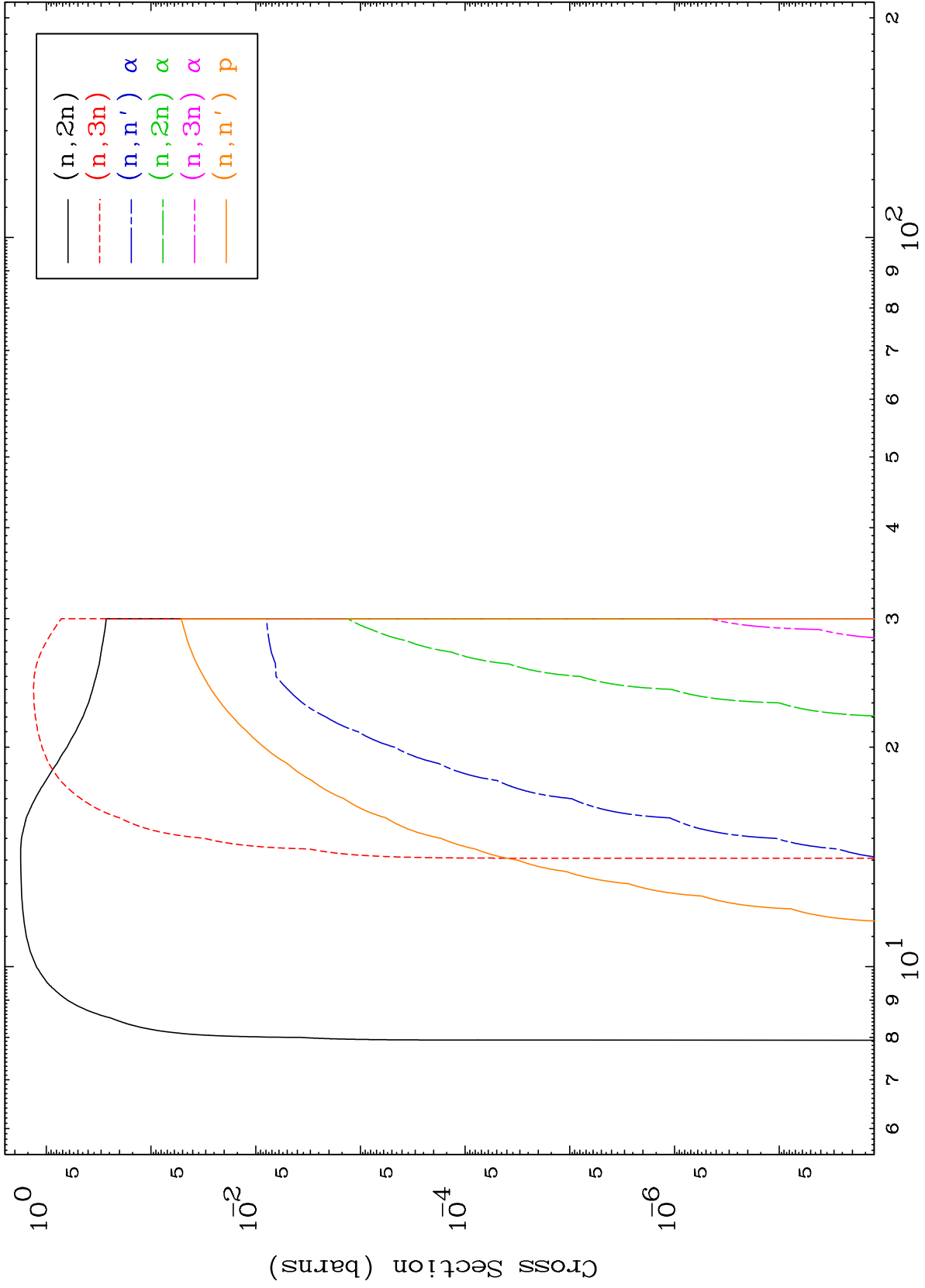
Press Mouse Button to Start

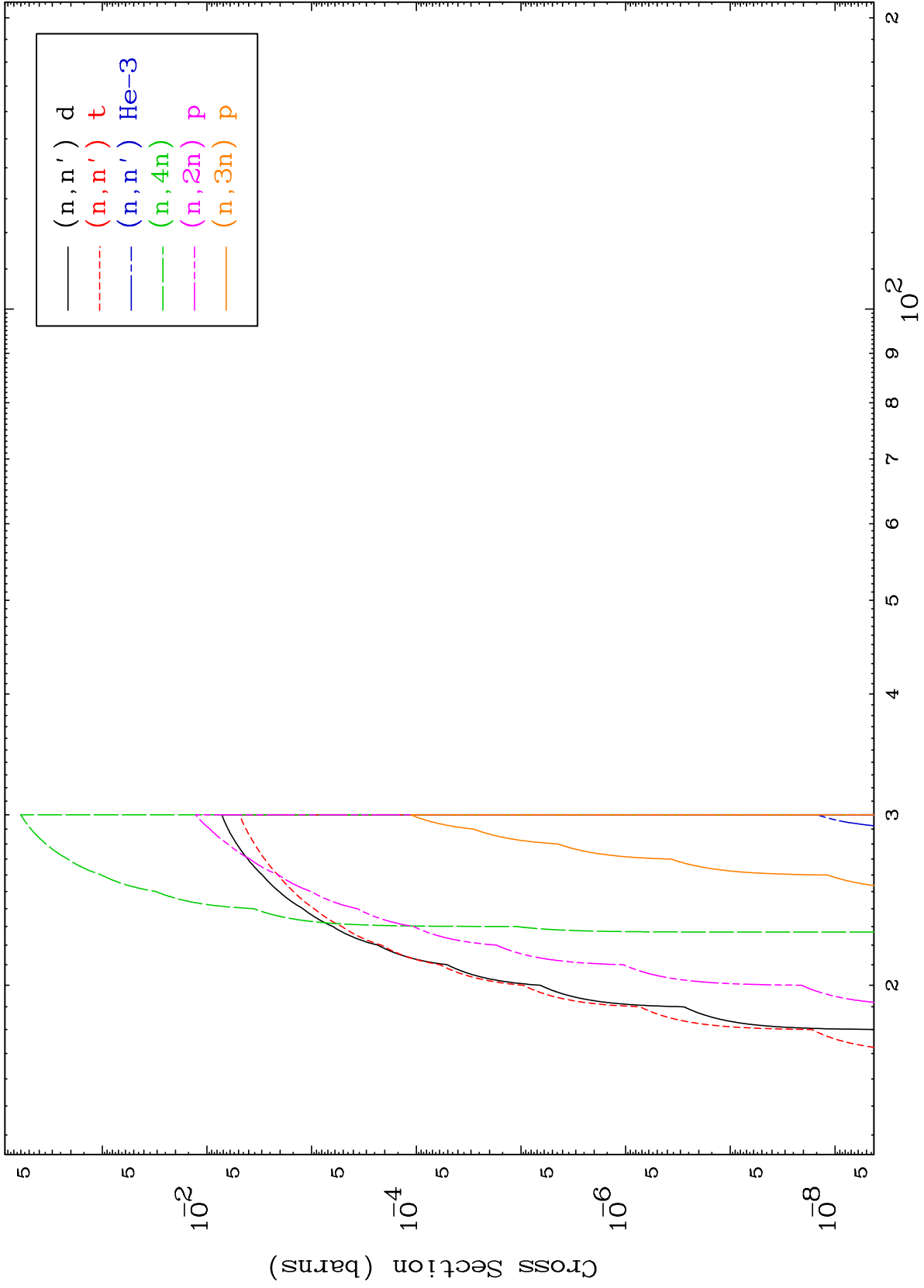


MAT 4950

Neutron Production
293 Kelvin Cross Sections

49-In-121

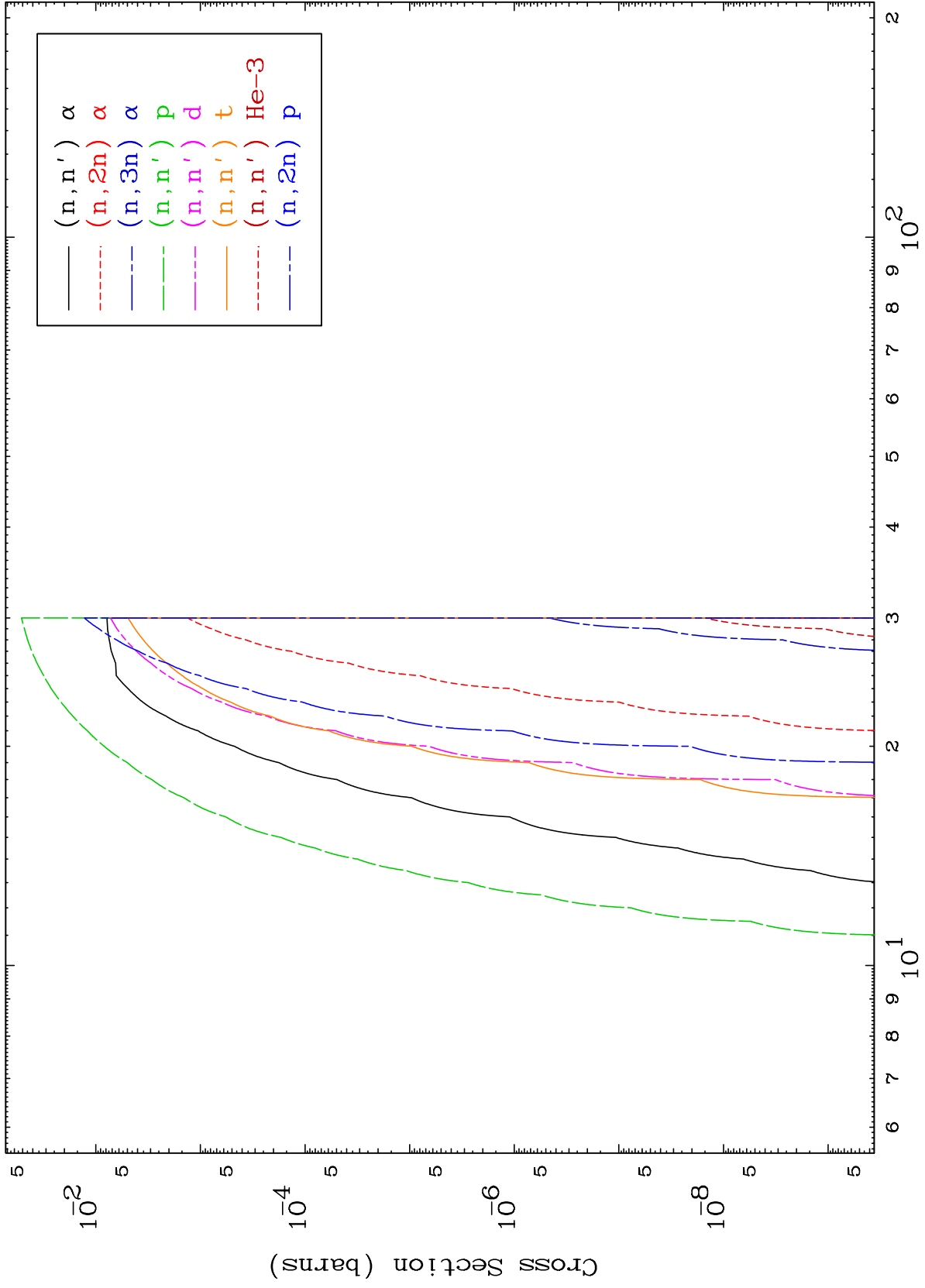




MAT 4950

Charged Particle
293 Kelvin Cross Sections

49-In-121



4

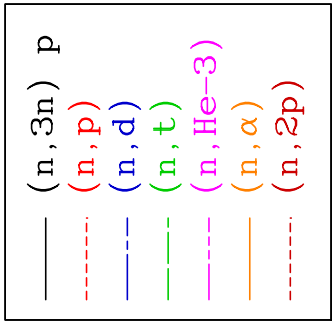
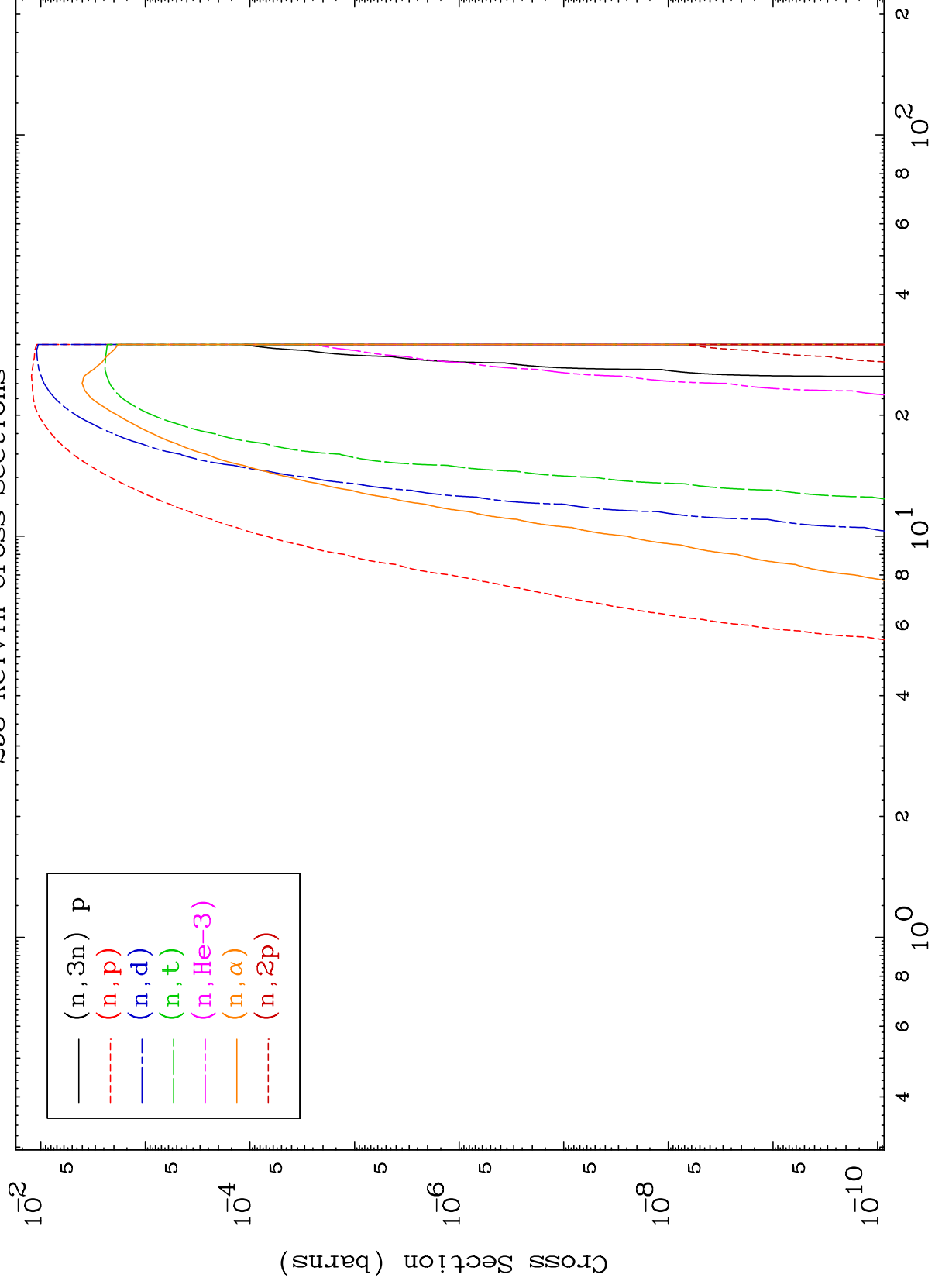
Incident Energy (MeV)

49-In-121

MAT 4950

Charged Particle
293 Kelvin Cross Sections

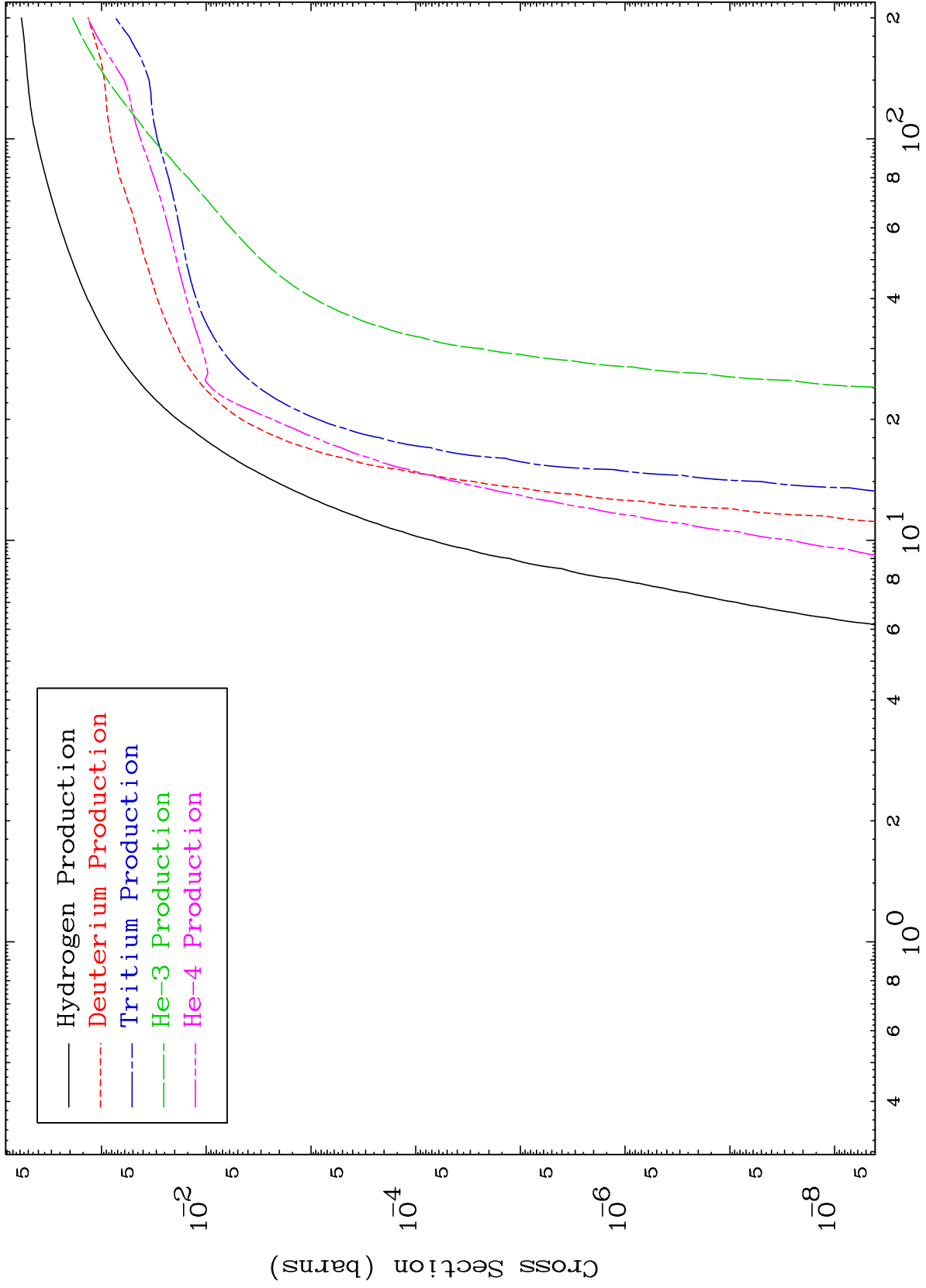
49-In-121



MAT 4950

Particle Production
293 Kelvin Cross Sections

49-In-121



6

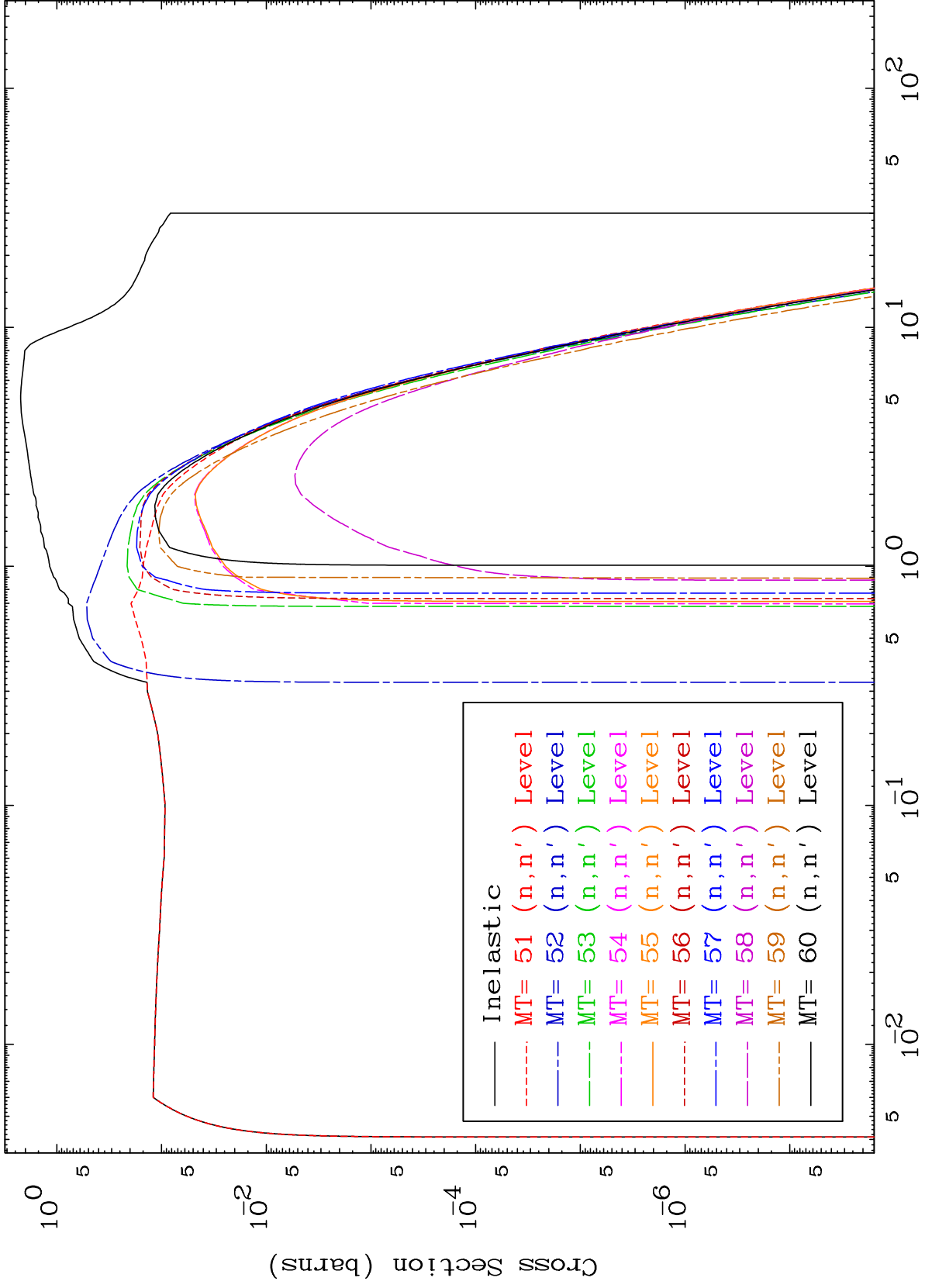
Incident Energy (MeV)

49-In-121

MAT 4950

(n, n') Level
293 Kelvin Cross Sections

49-In-121

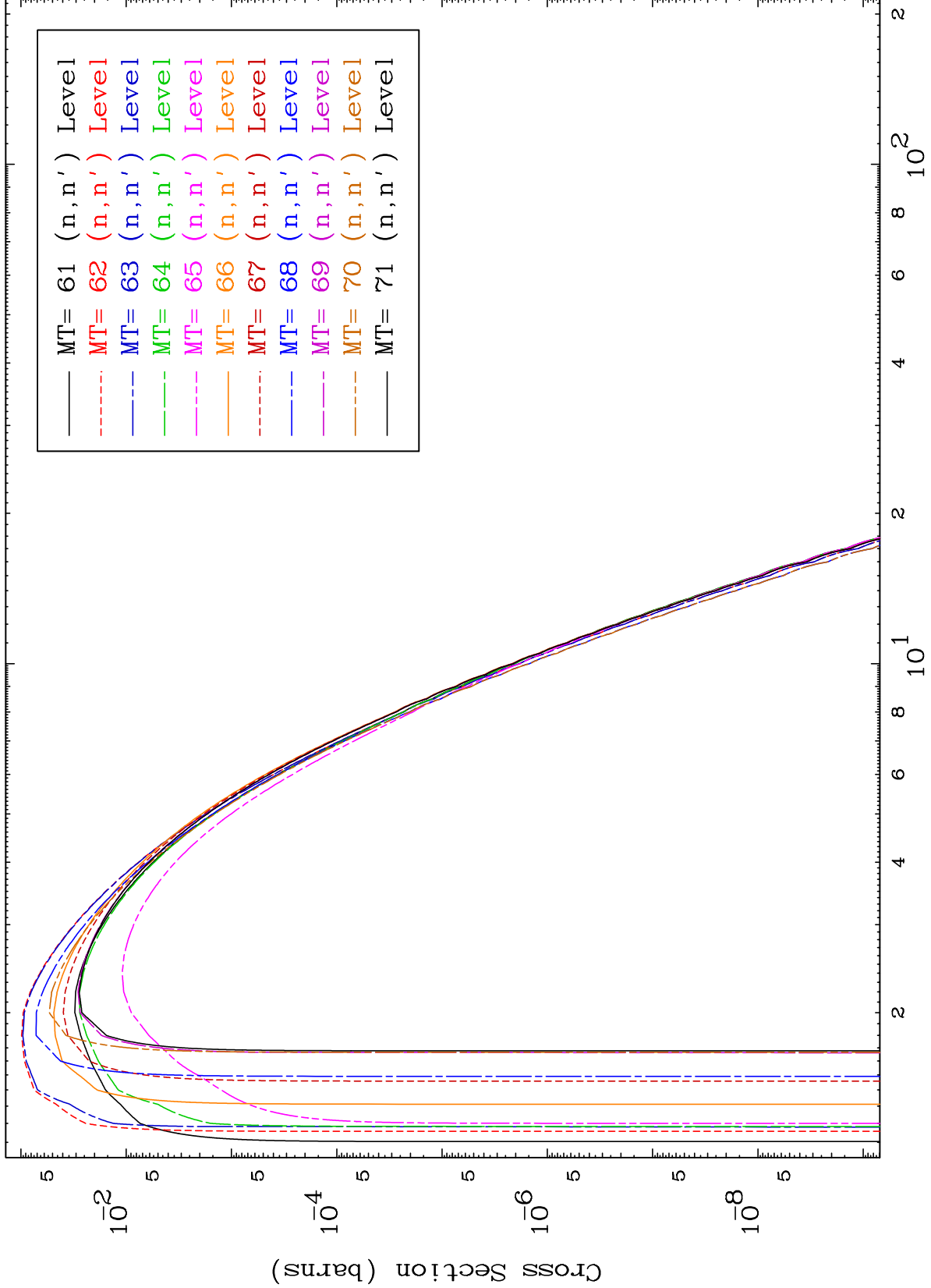


MAT 4950

(n,n') Level

49-In-121

293 Kelvin Cross Sections



8

Incident Energy (MeV)

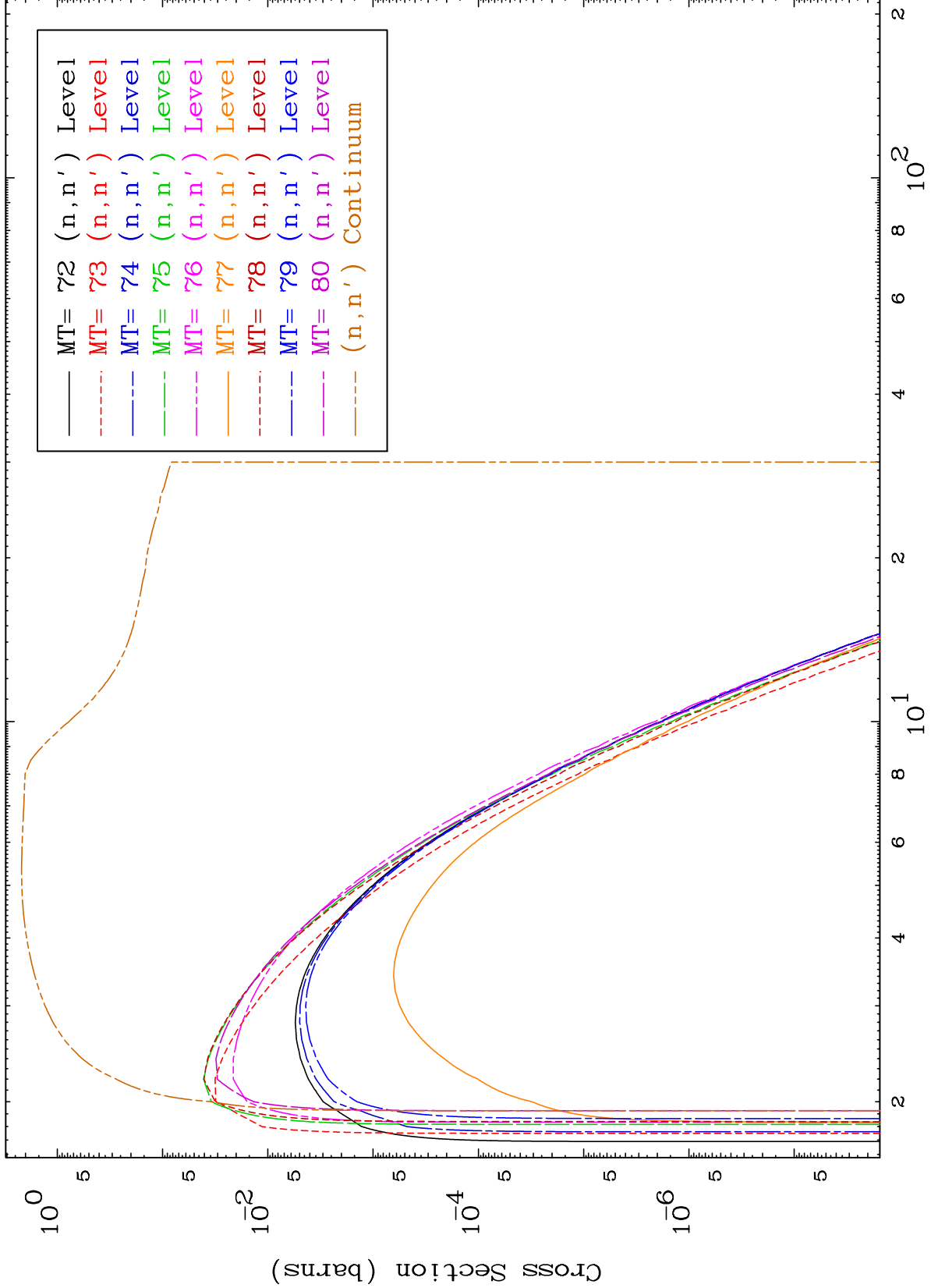
49-In-121

MAT 4950

(n,n') Level

49-In-121

293 Kelvin Cross Sections



9

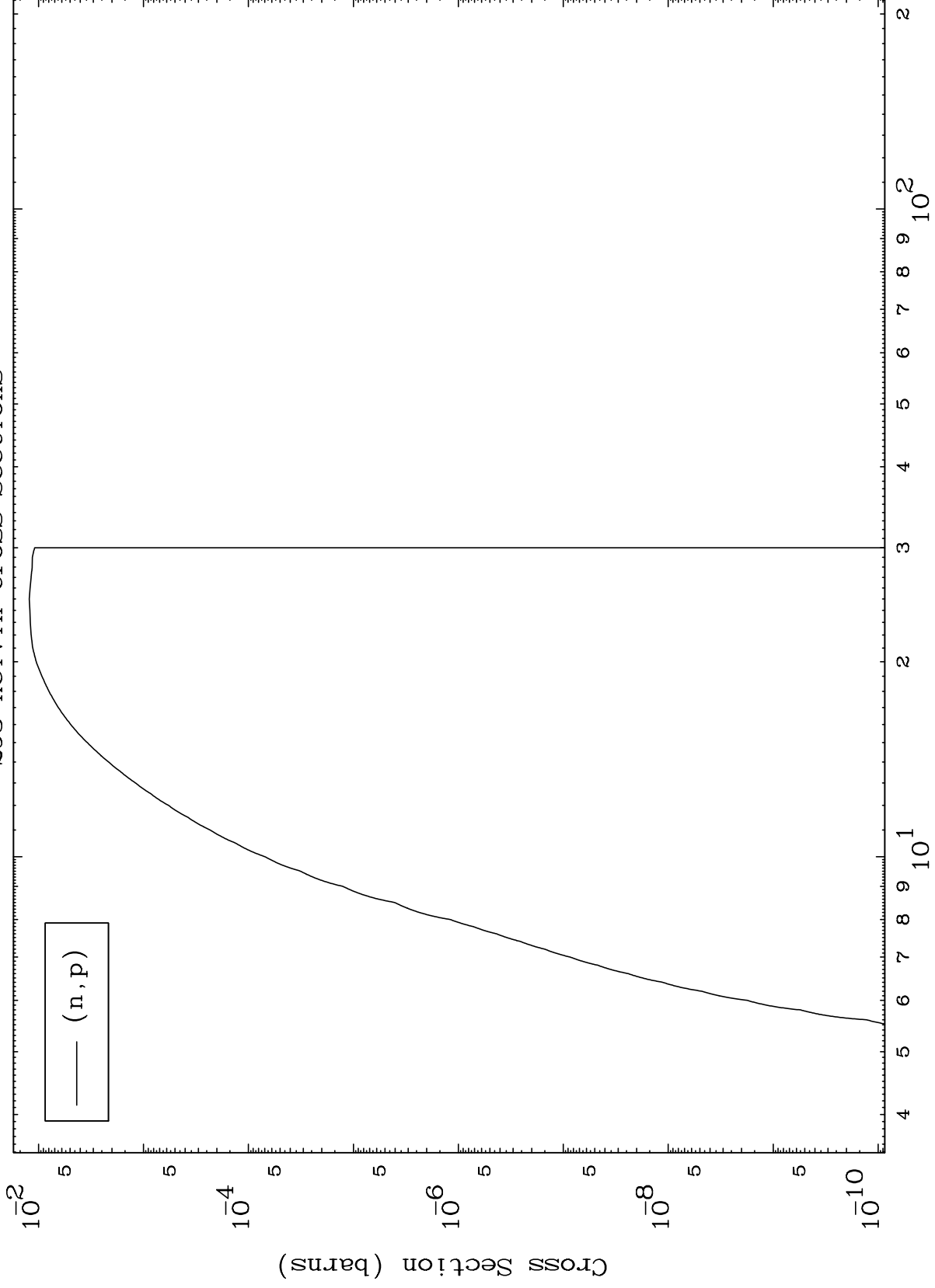
Incident Energy (MeV)

49-In-121

MAT 4950

(n,p) Levels
293 Kelvin Cross Sections

49-In-121



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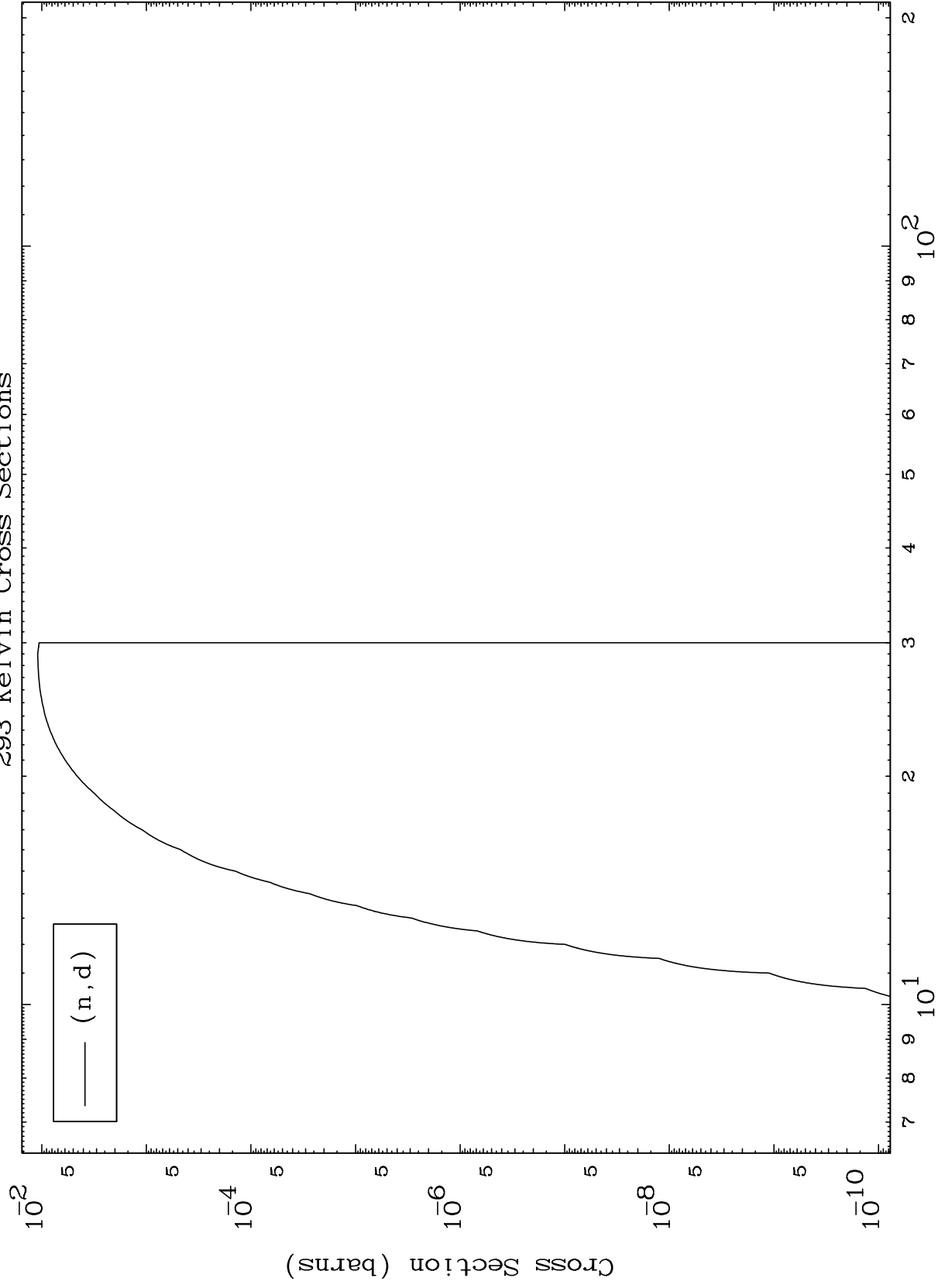
Incident Energy (MeV)

49-In-121

MAT 4950

(n,d) Levels
293 Kelvin Cross Sections

49-In-121



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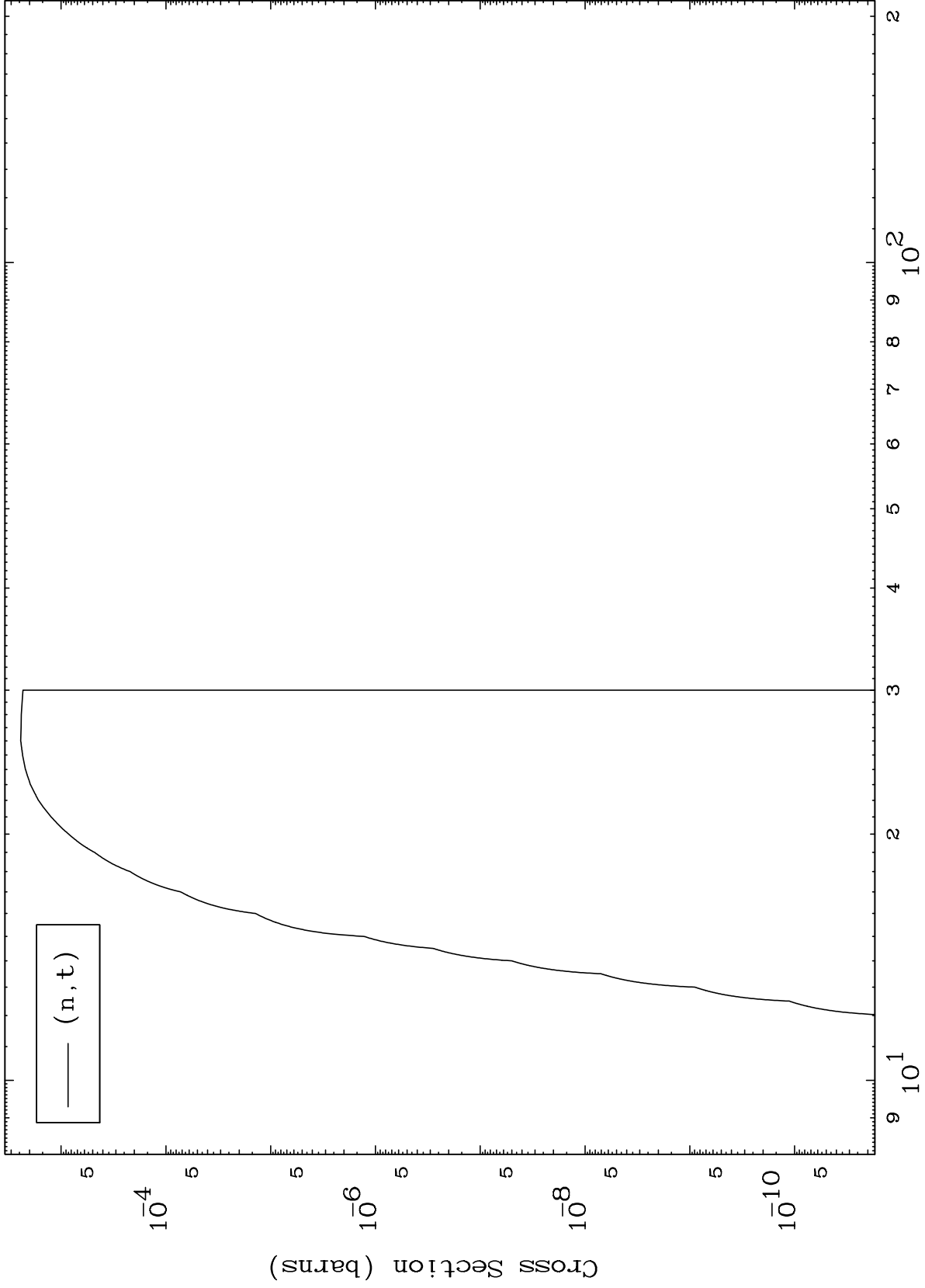
Incident Energy (MeV)

49-In-121

MAT 4950

(n,t) Levels
293 Kelvin Cross Sections

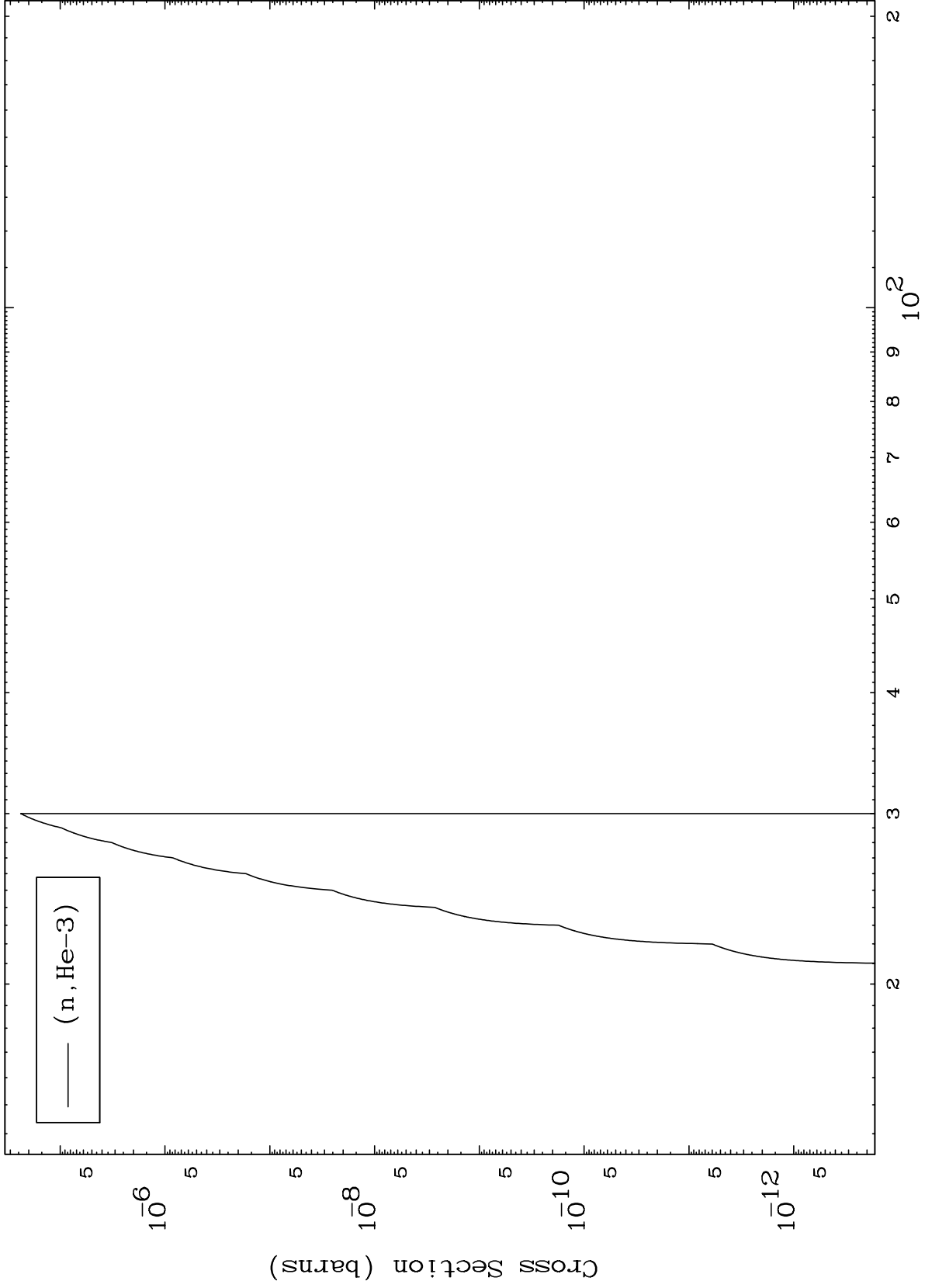
49-In-121



12

Incident Energy (MeV)

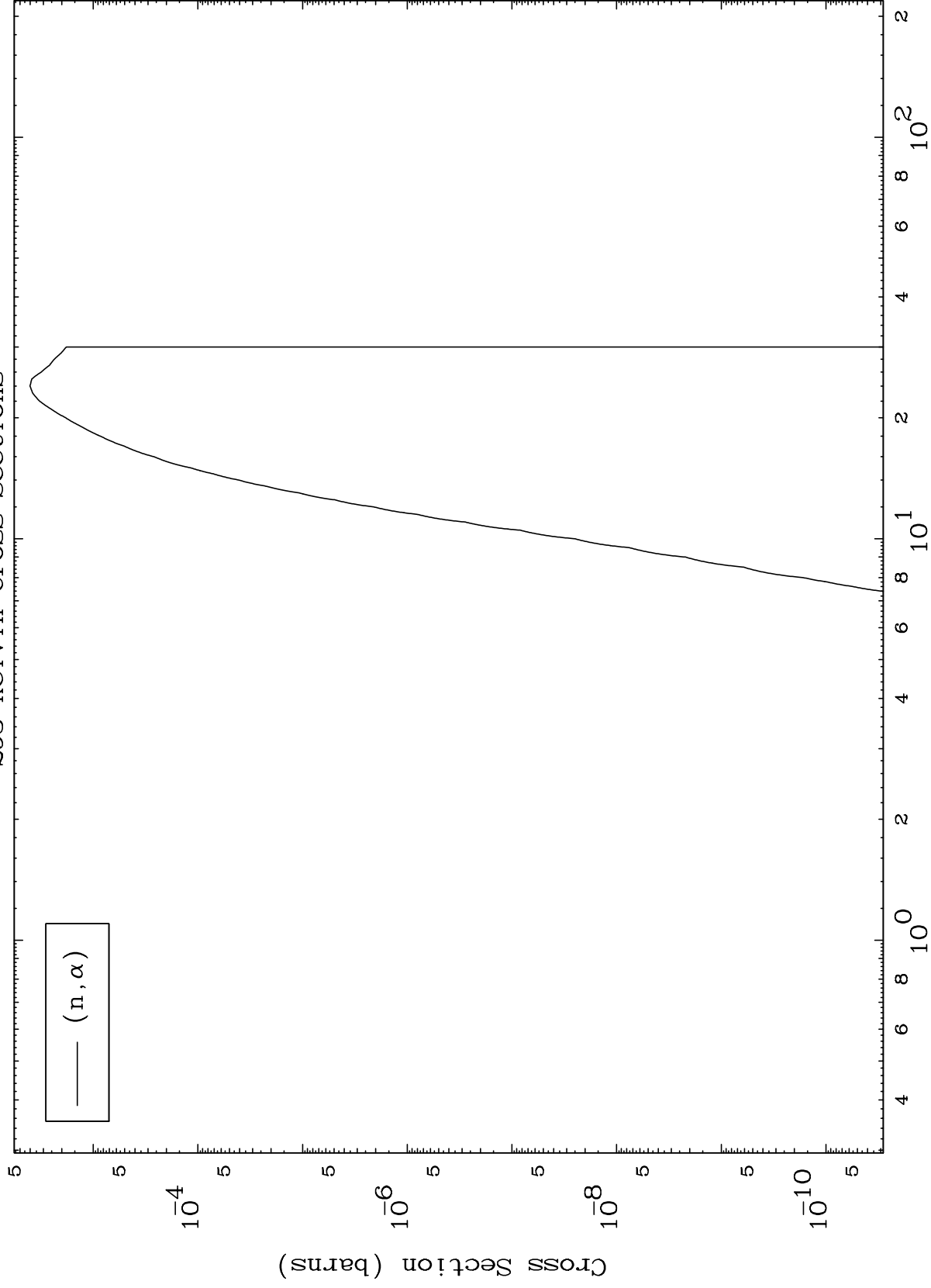
49-In-121



MAT 4950

(n, α) Levels
293 Kelvin Cross Sections

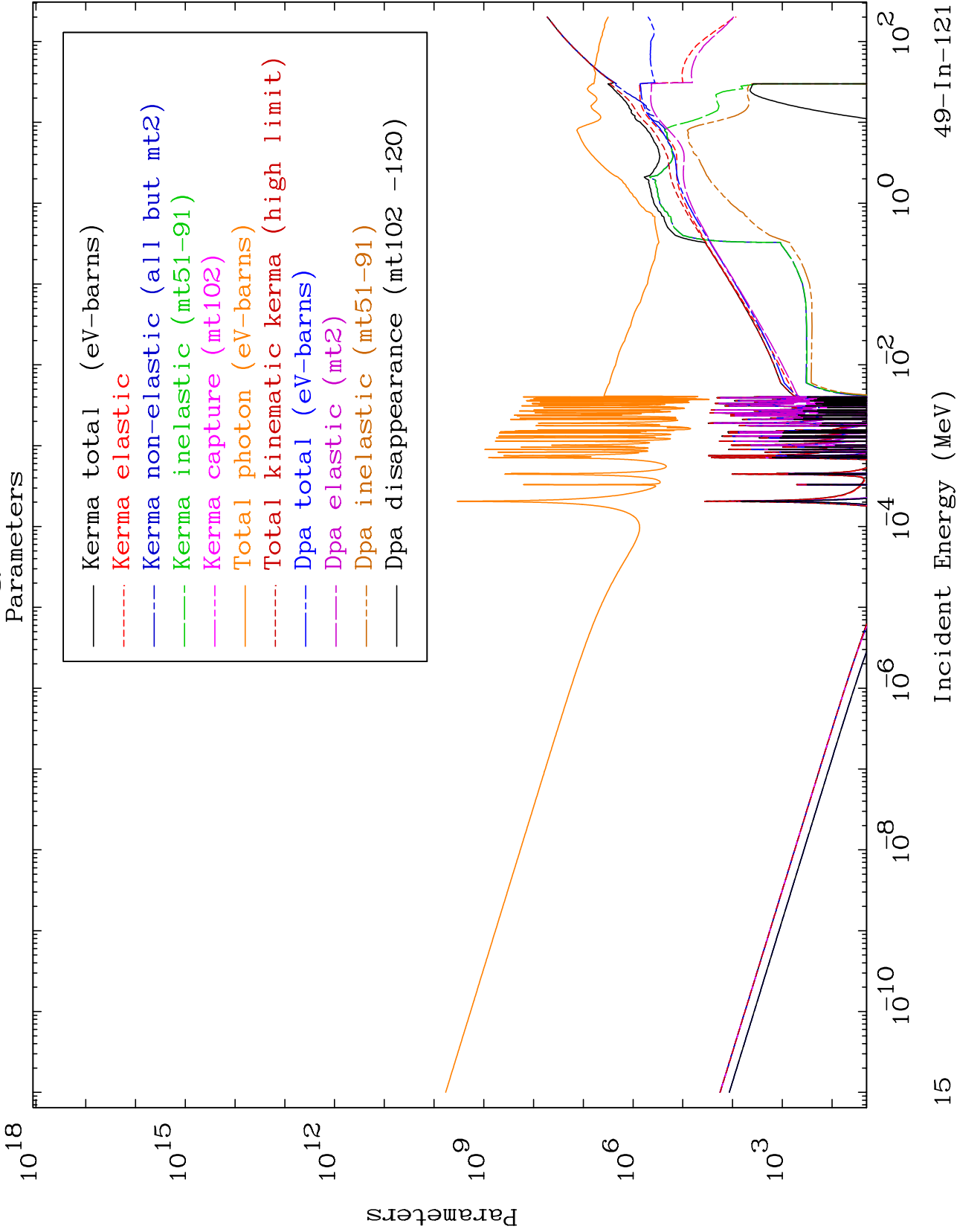
49-In-121



14

Incident Energy (MeV)

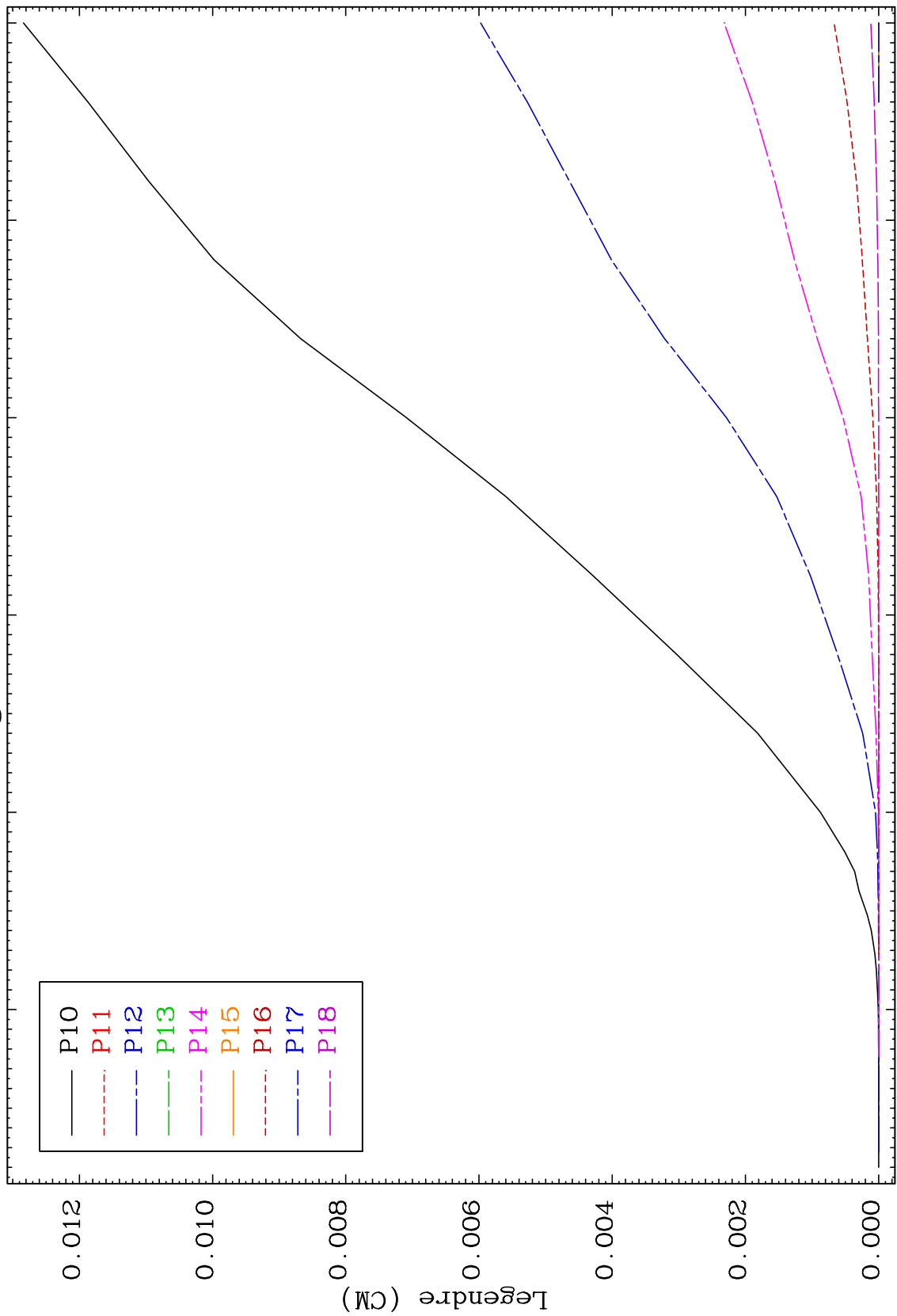
49-In-121



MAT 4950

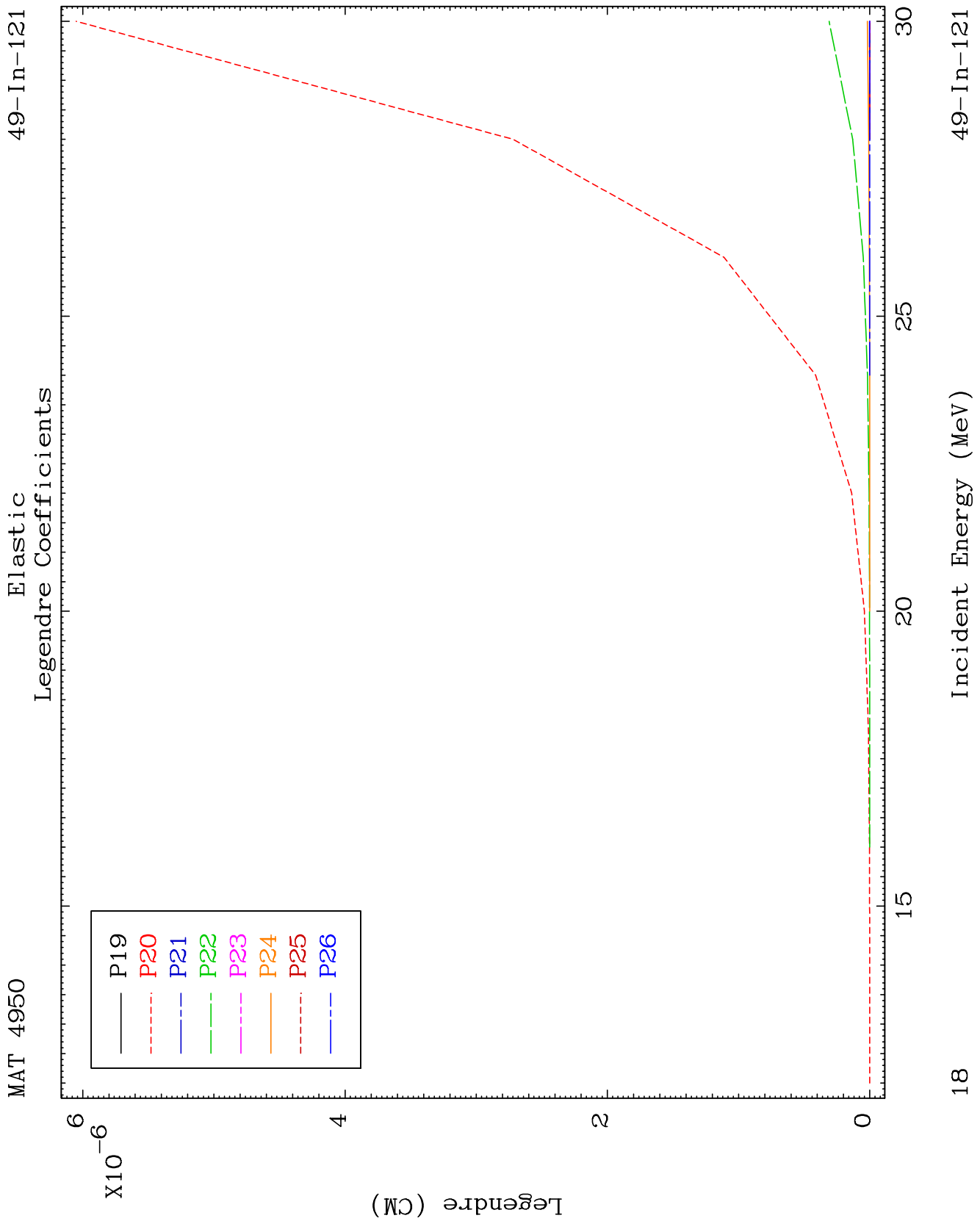
Elastic Legendre Coefficients

49-In-121



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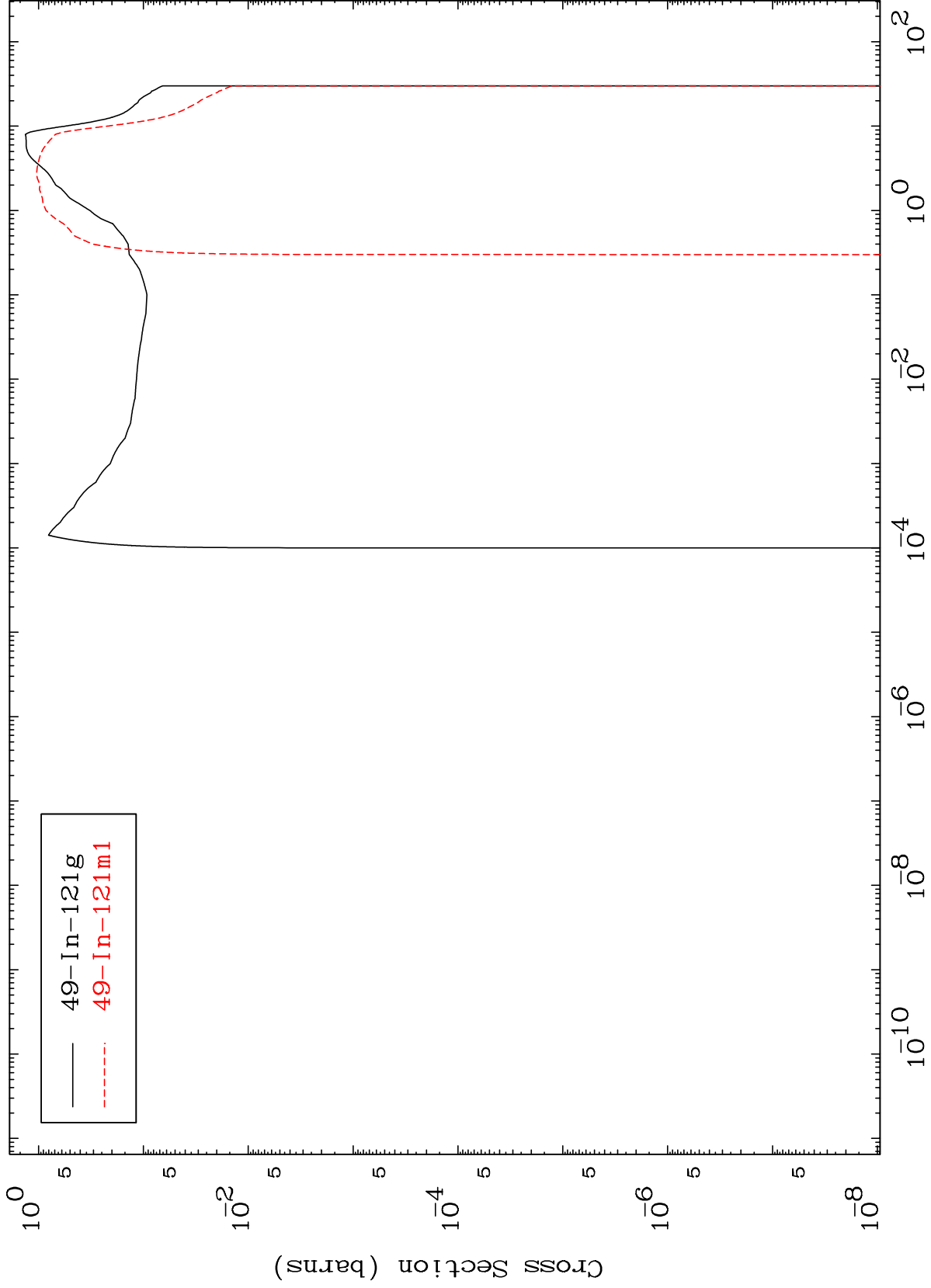
49-In-121



MAT 4950

Inelastic
Radionuclide Production Cross Section

49-In-121



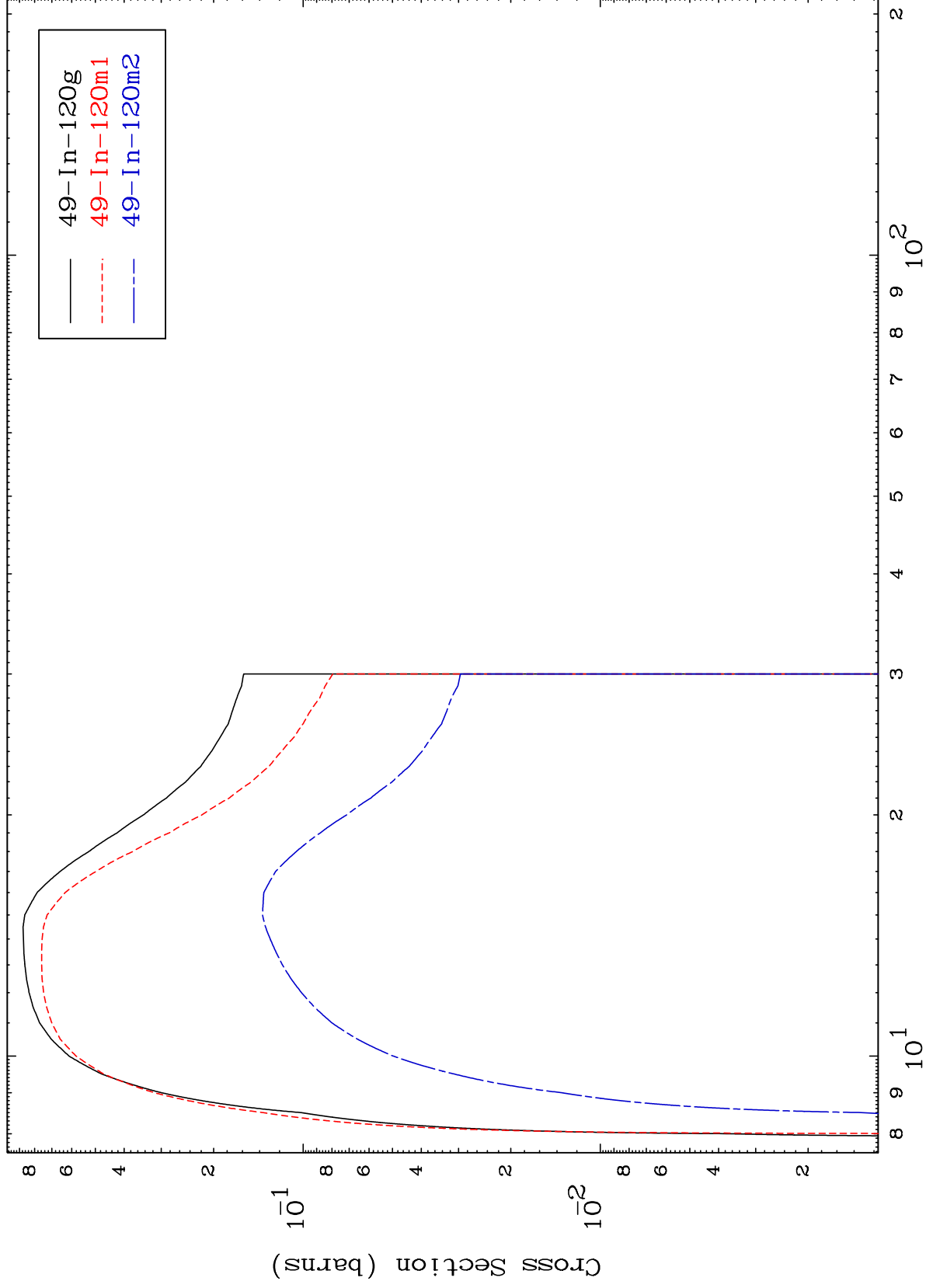
— 49-In-121g
- - - 49-In-121m1

MAT 4950

(n,2n)

49-In-121

Radionuclide Production Cross Section



20

Incident Energy (MeV)

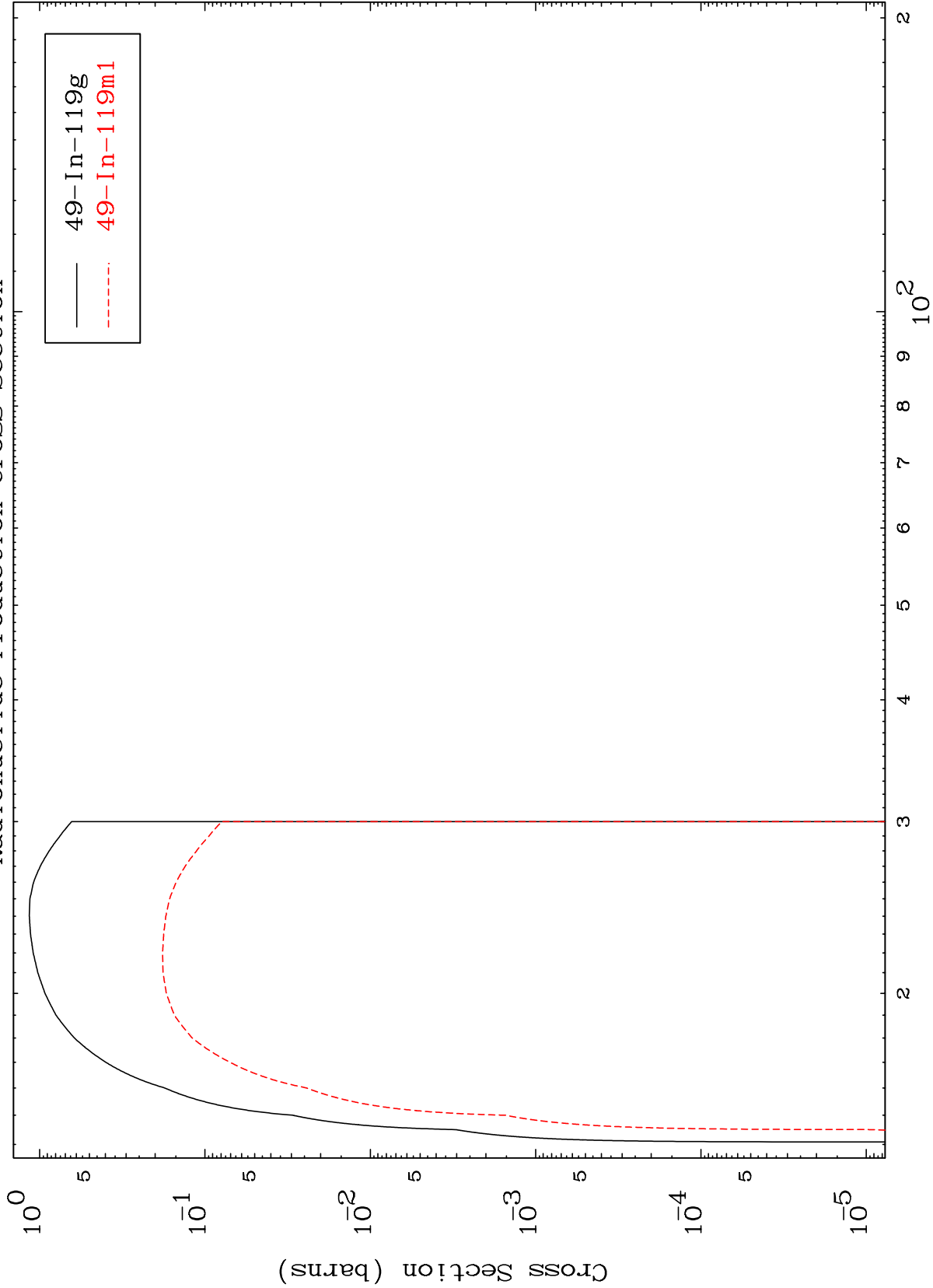
49-In-121

MAT 4950

(n,3n)

49-In-121

Radionuclide Production Cross Section



21

Incident Energy (MeV)

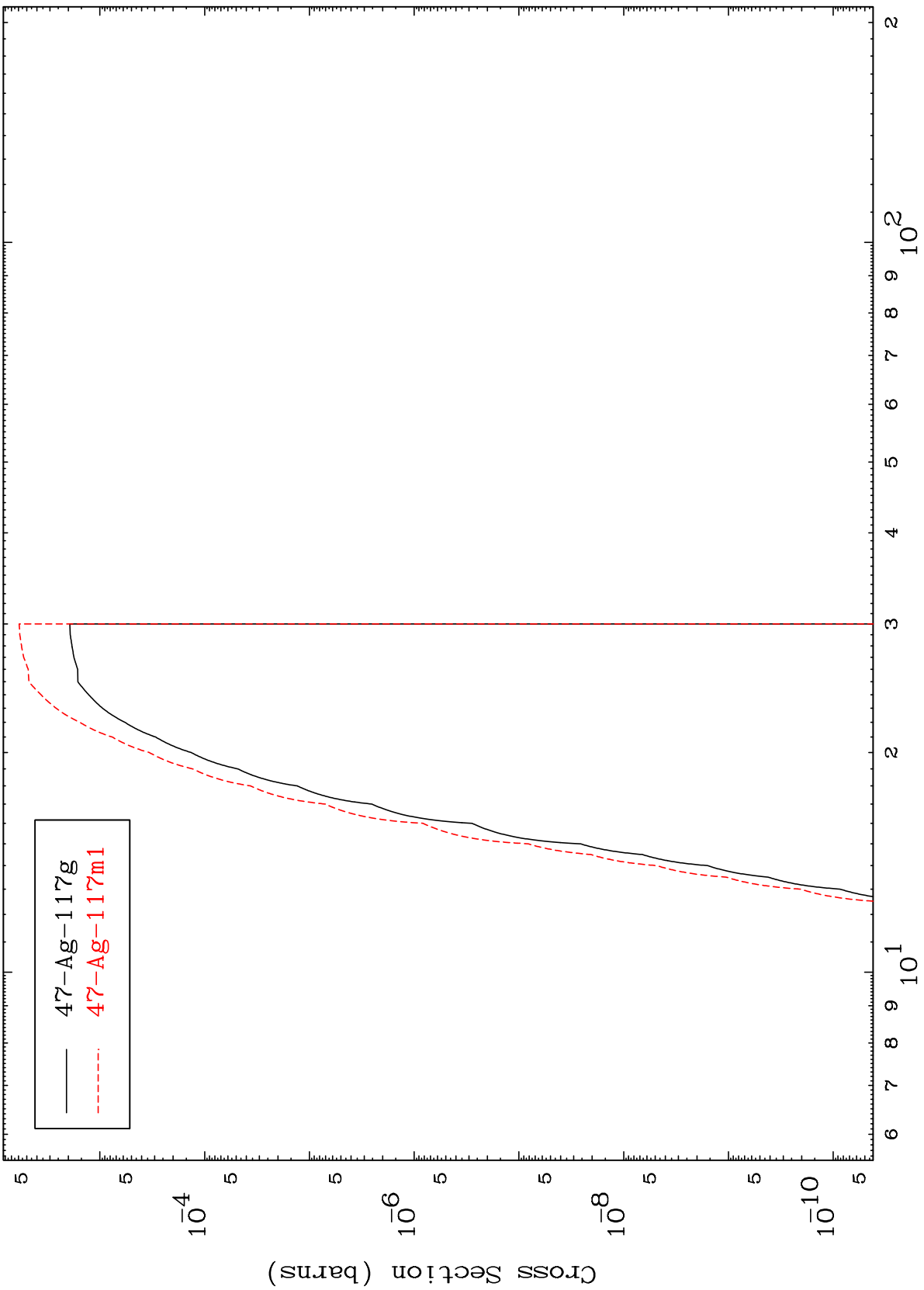
49-In-121

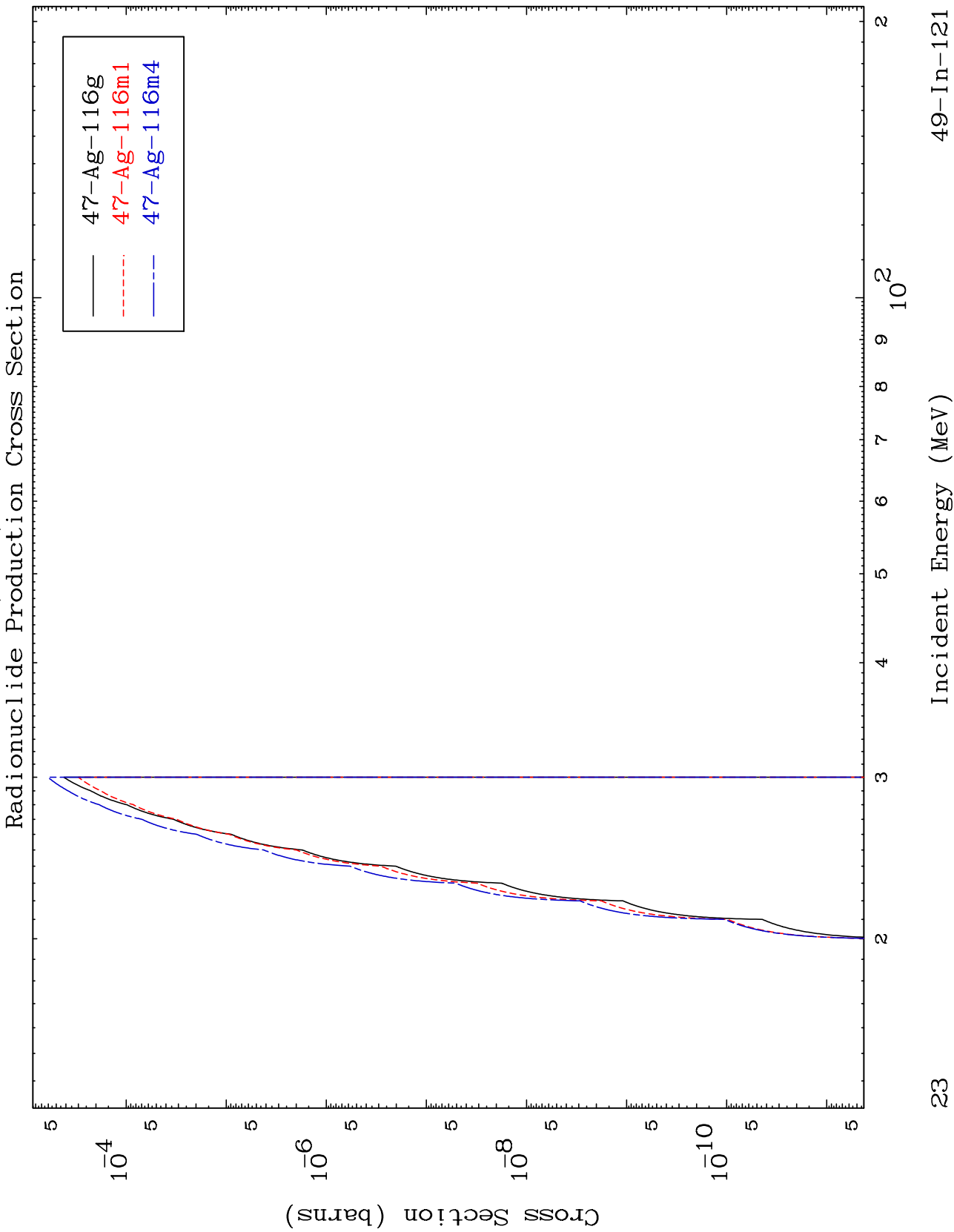
MAT 4950

(n,n') α

49-In-121

Radionuclide Production Cross Section



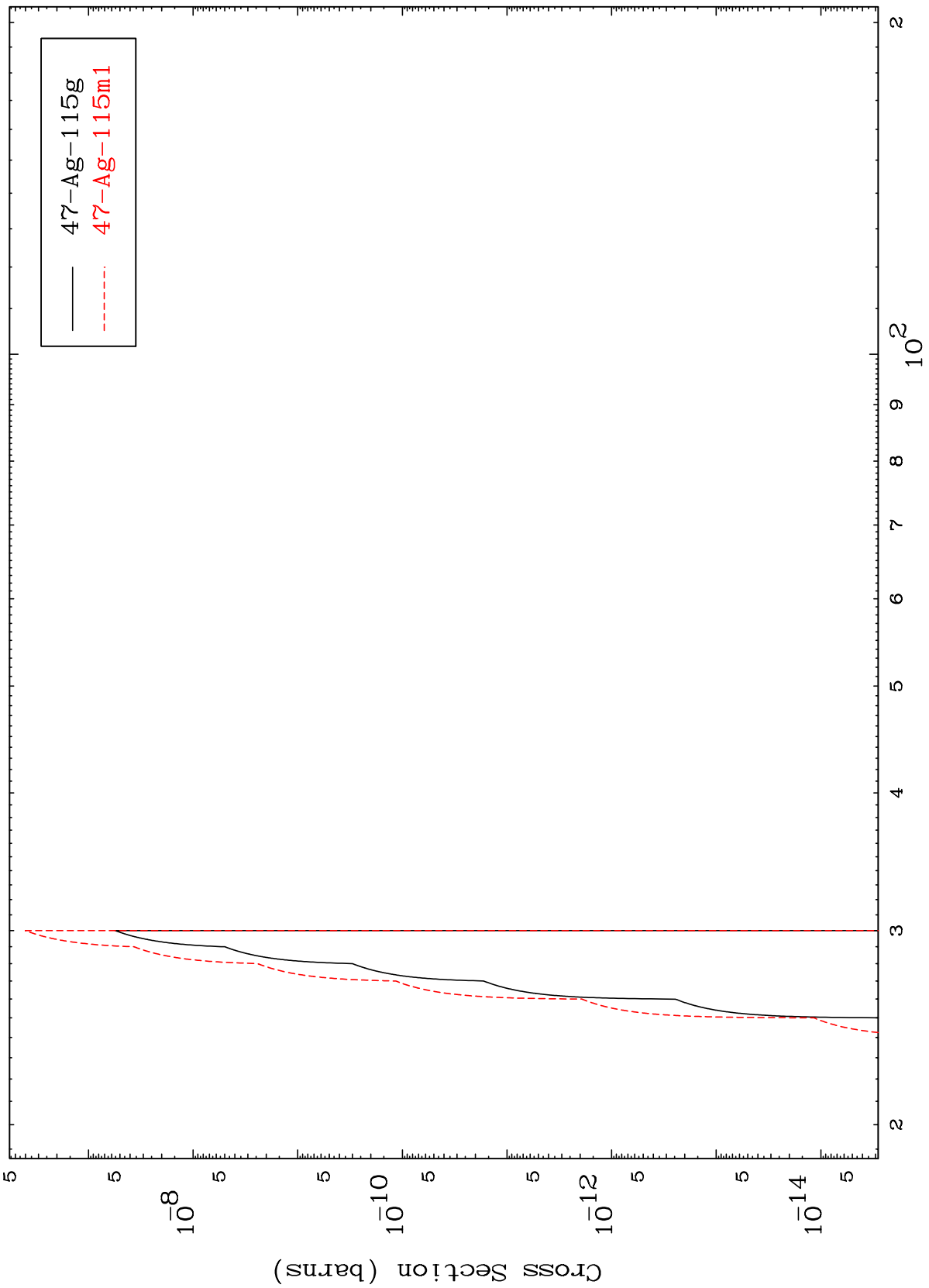


MAT 4950

(n,3n) α

49-In-121

Radionuclide Production Cross Section

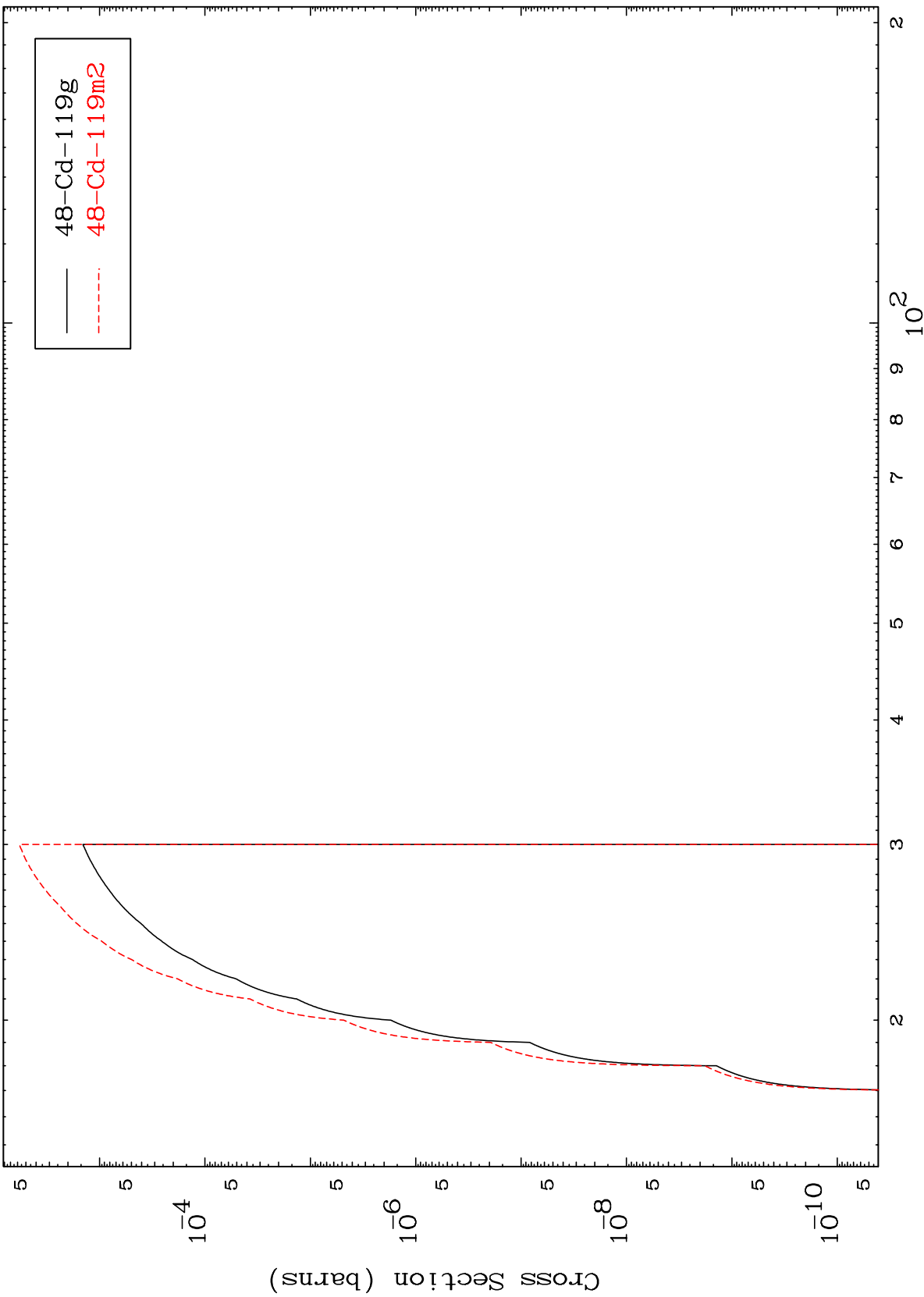


24

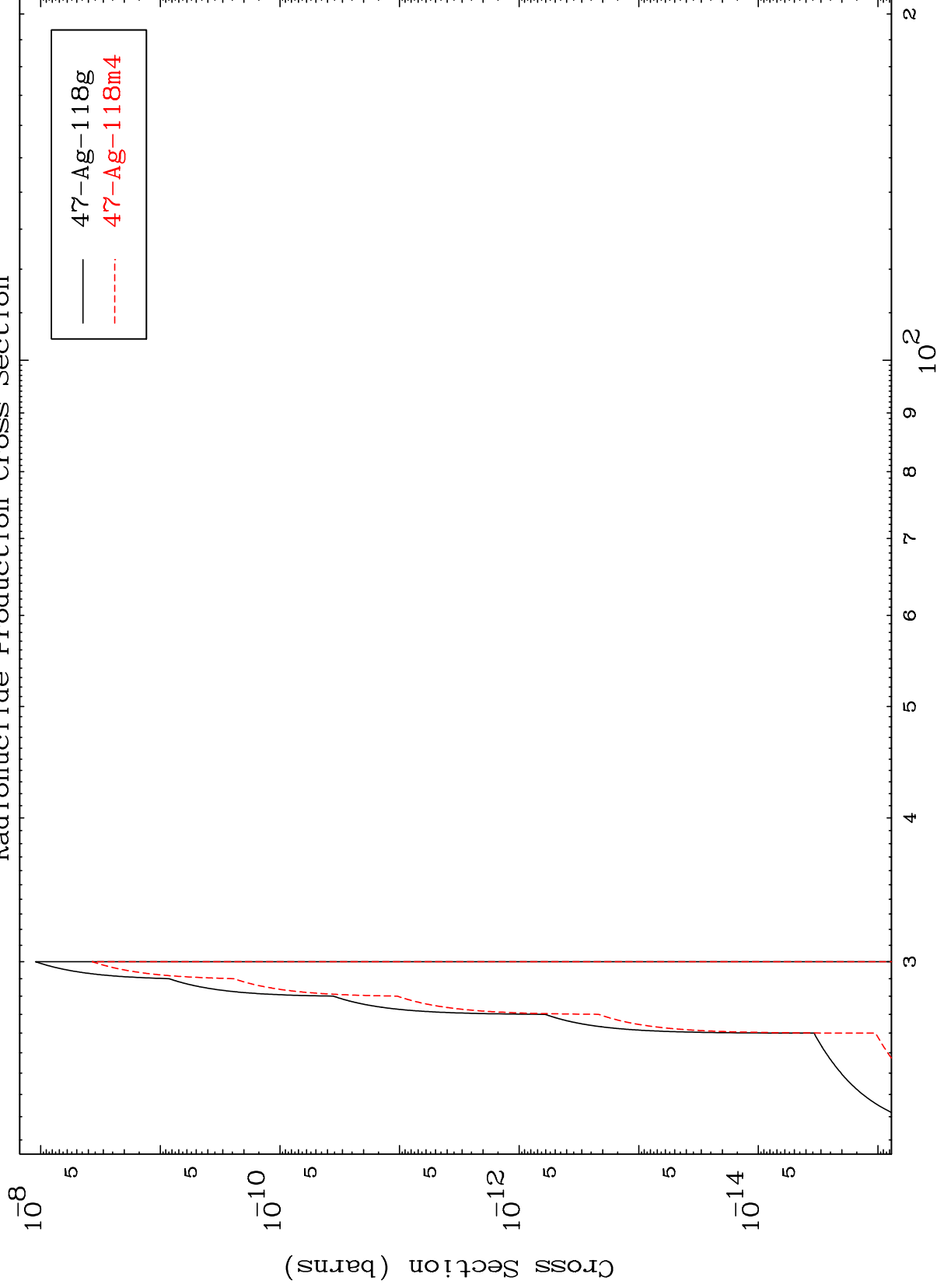
Incident Energy (MeV)

49-In-121

Radionuclide Production Cross Section



Radionuclide Production Cross Section

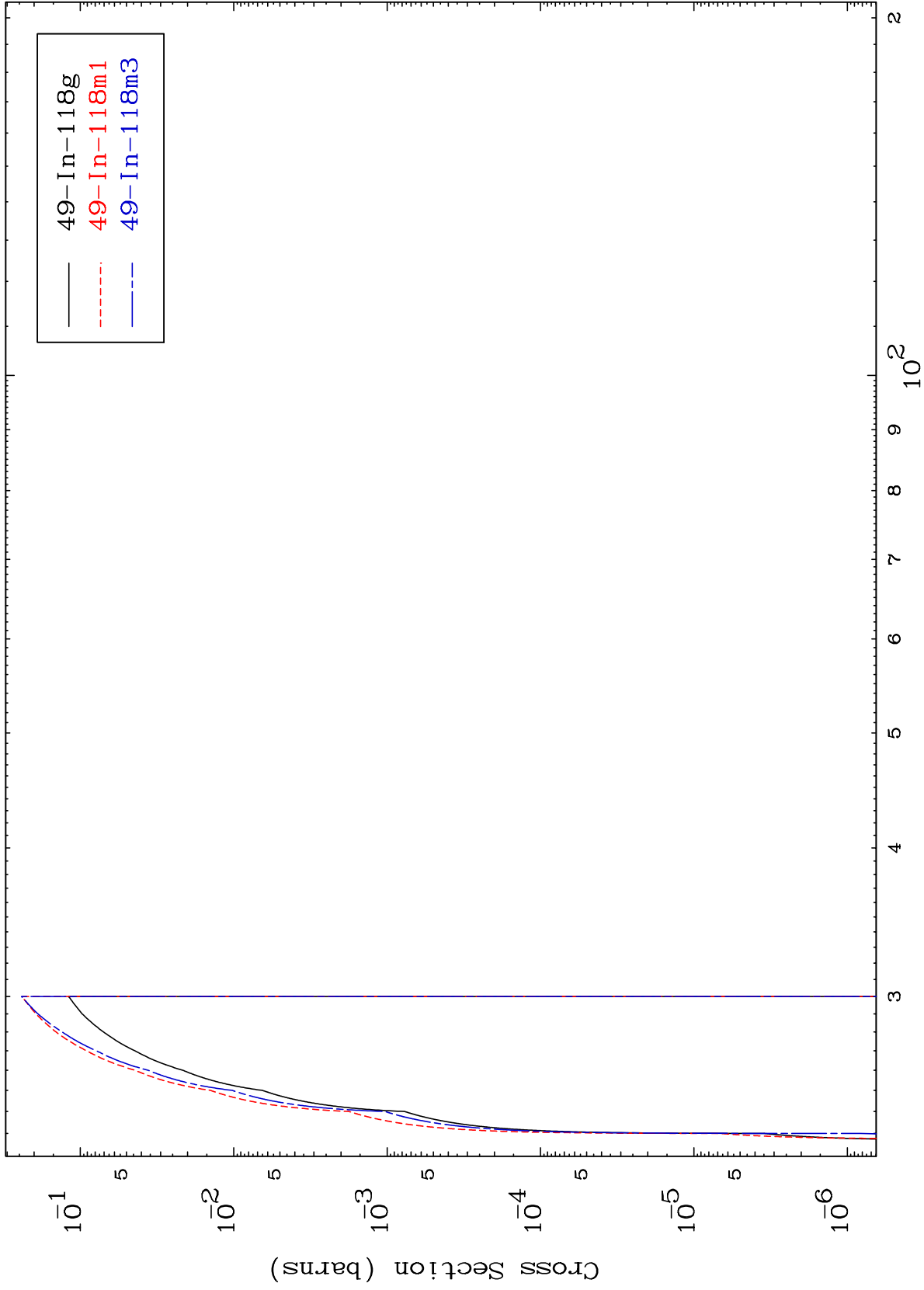


MAT 4950

(n,4n)

49-In-121

Radionuclide Production Cross Section

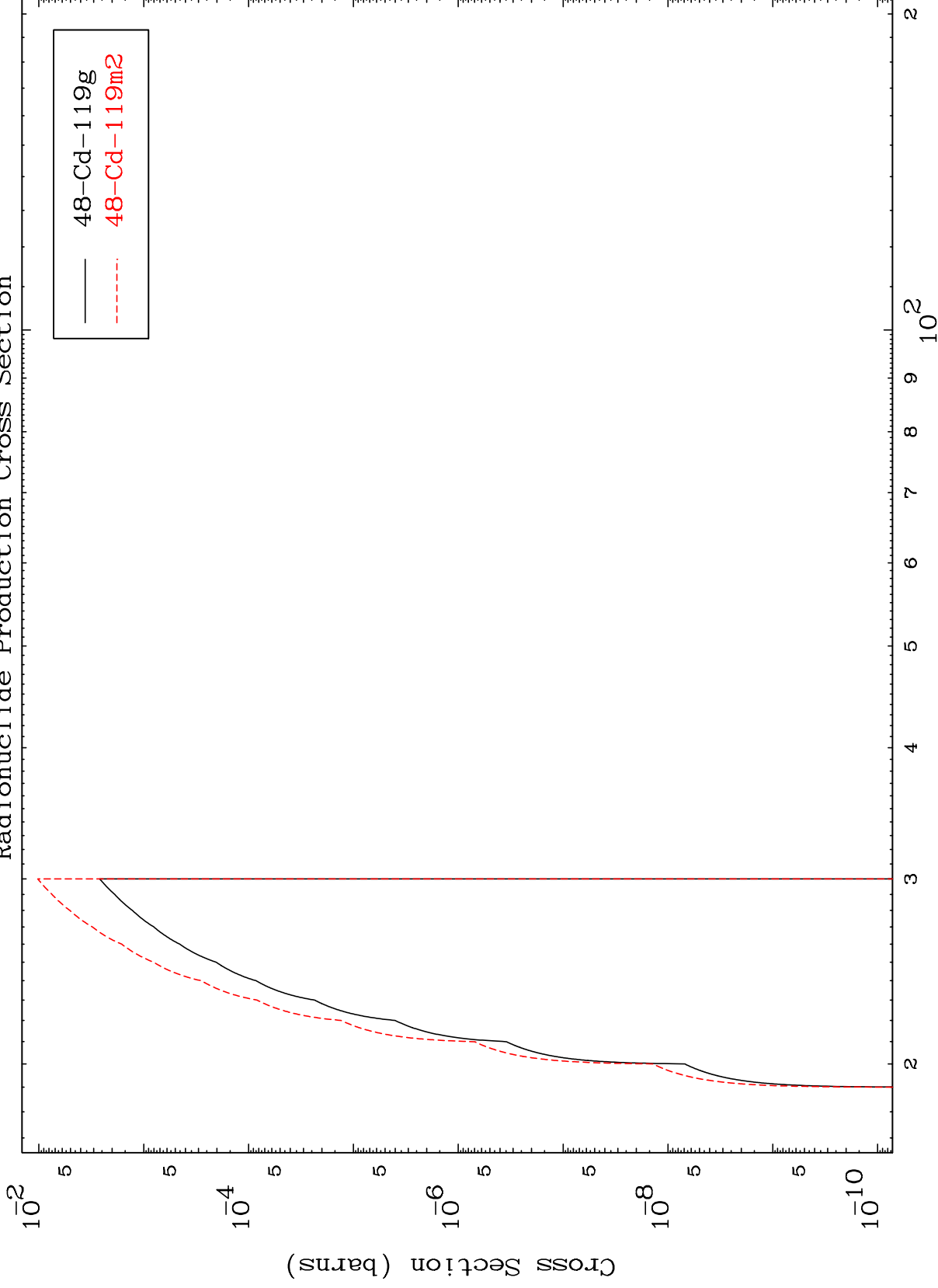


27

Incident Energy (MeV)

49-In-121

Radionuclide Production Cross Section

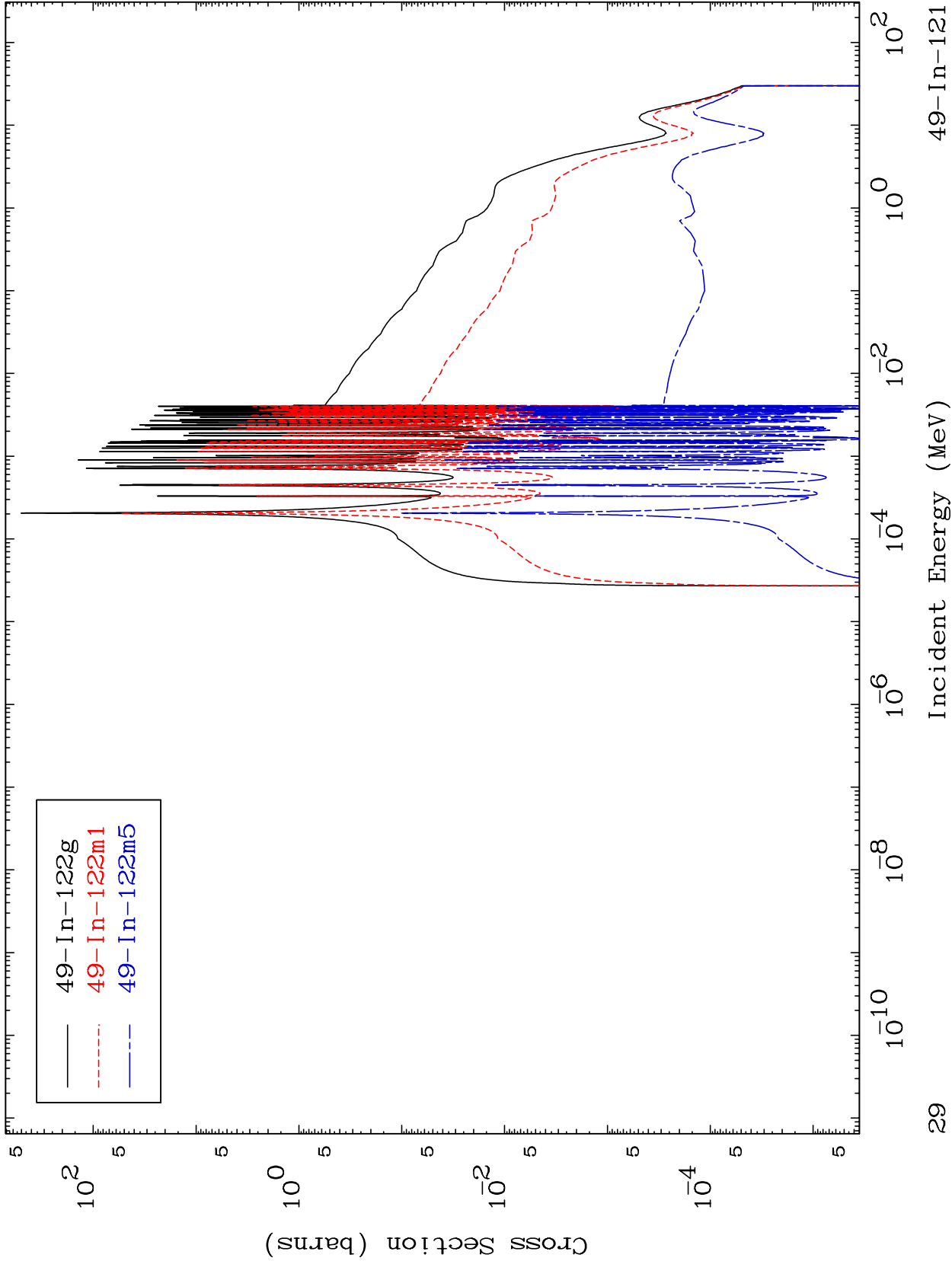


MAT 4950

49-In-121

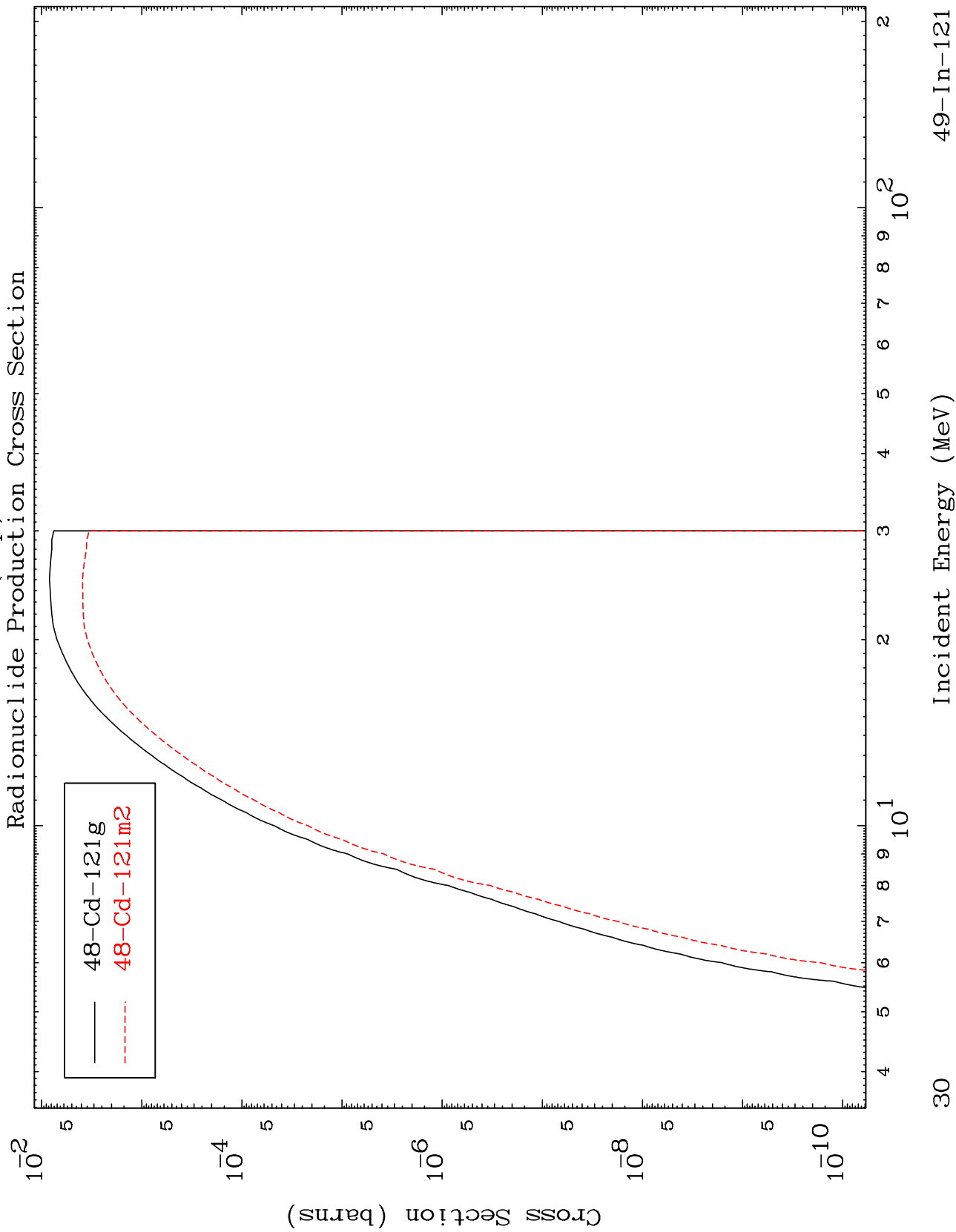
(n,γ)

Radionuclide Production Cross Section



MAT 4950

49-In-121



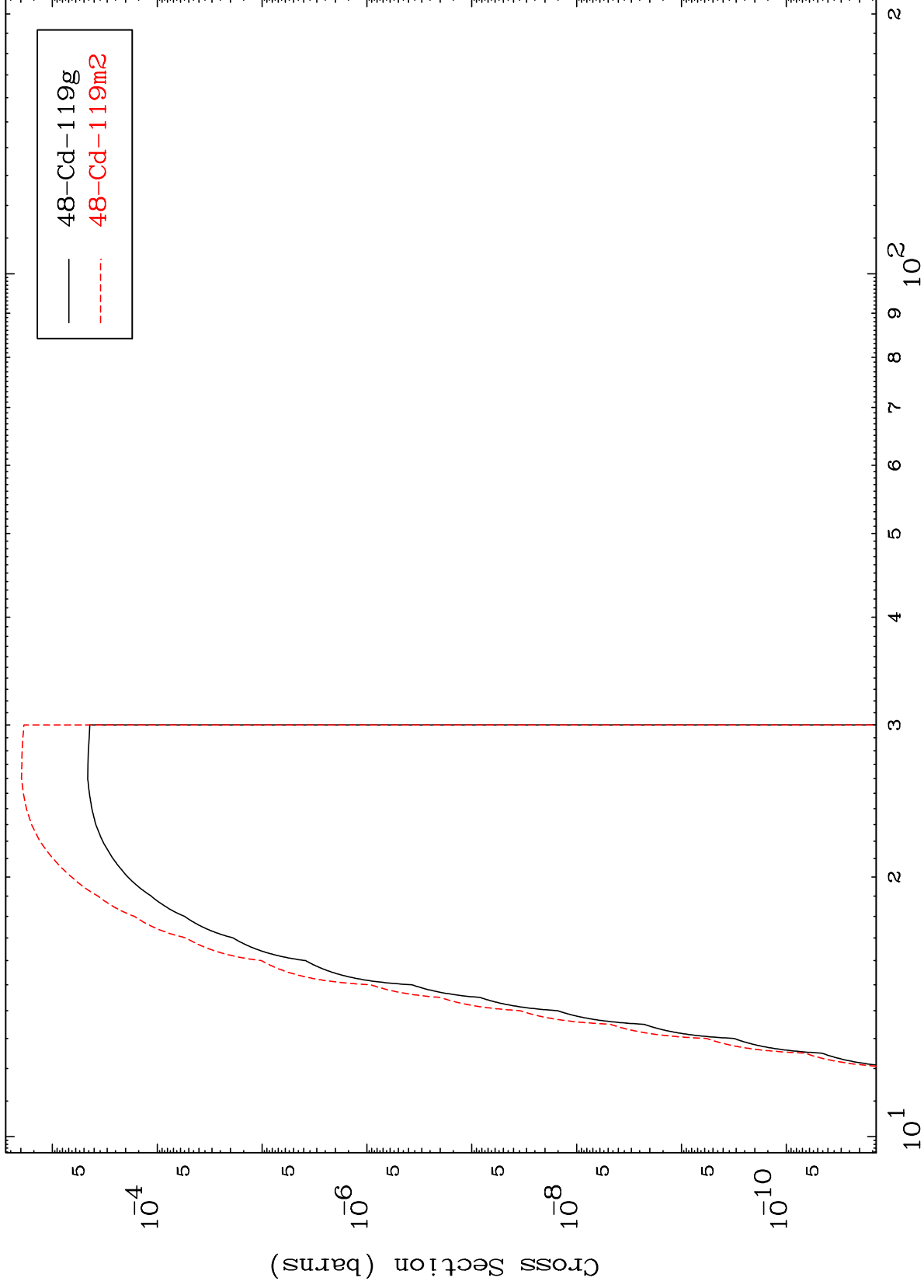
30

MAT 4950

(n, t)

49-In-121

Radionuclide Production Cross Section

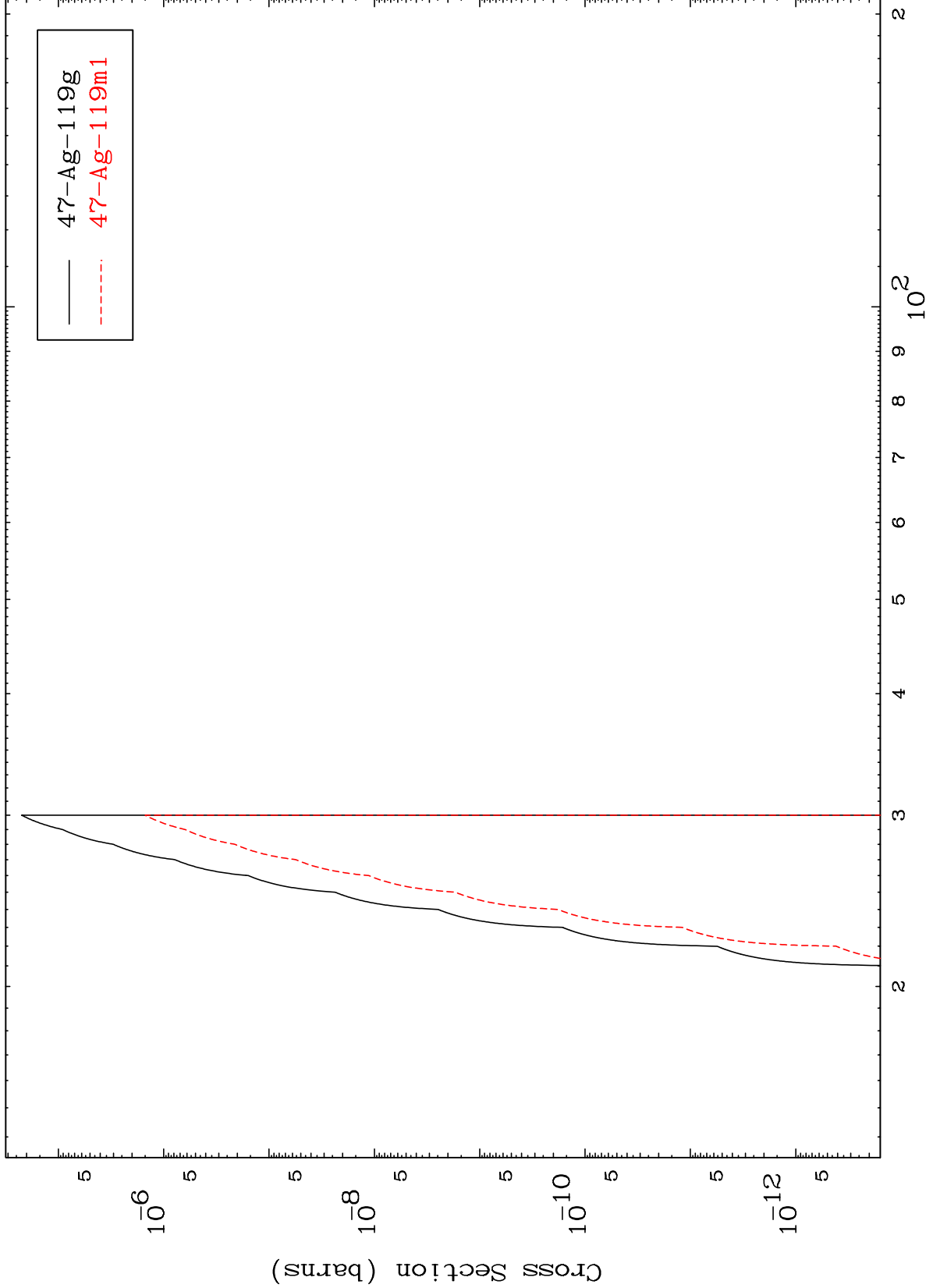


Incident Energy (MeV)

49-In-121

31

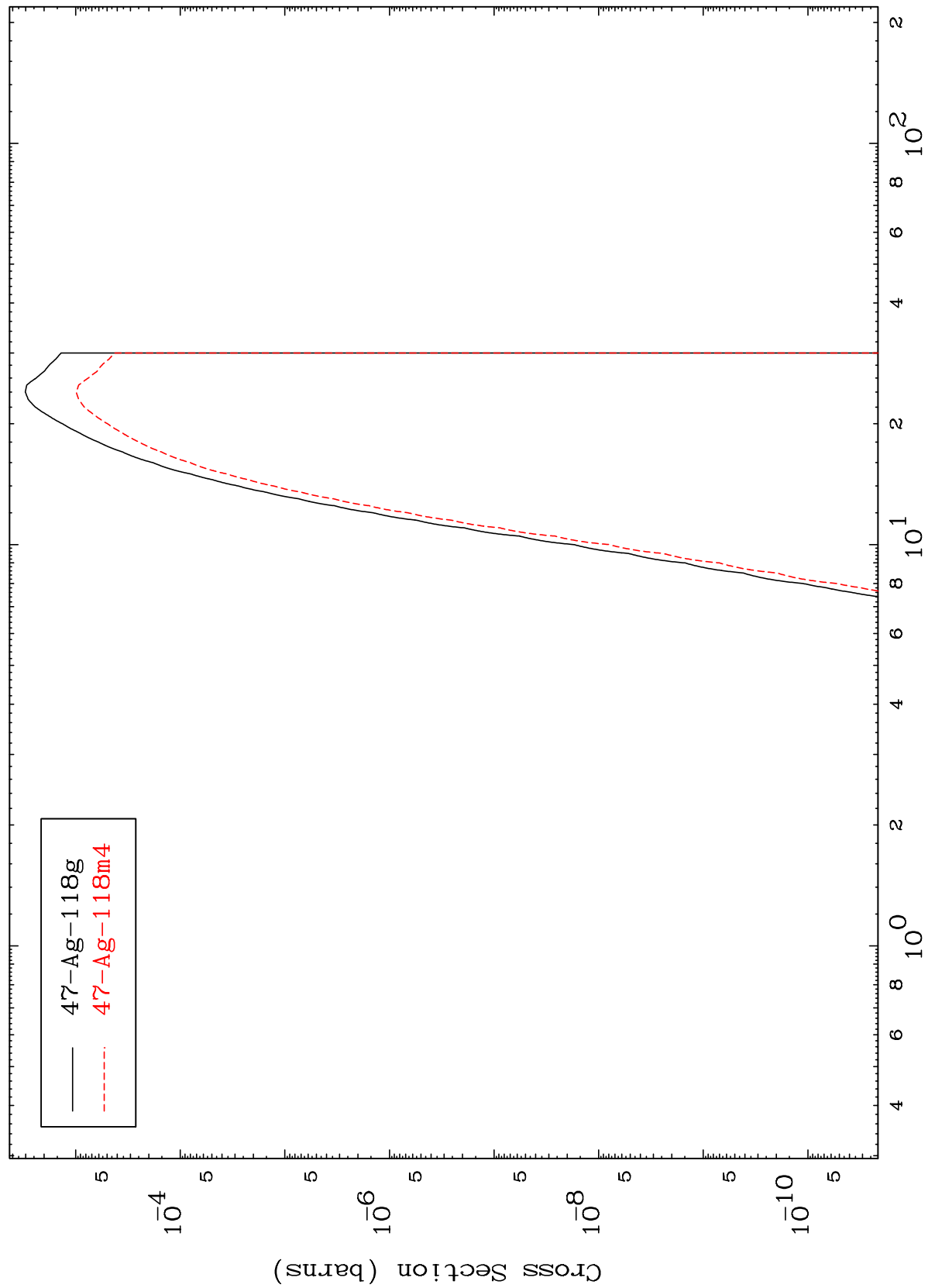
Radionuclide Production Cross Section



MAT 4950

49-In-121

(n, α)
Radionuclide Production Cross Section

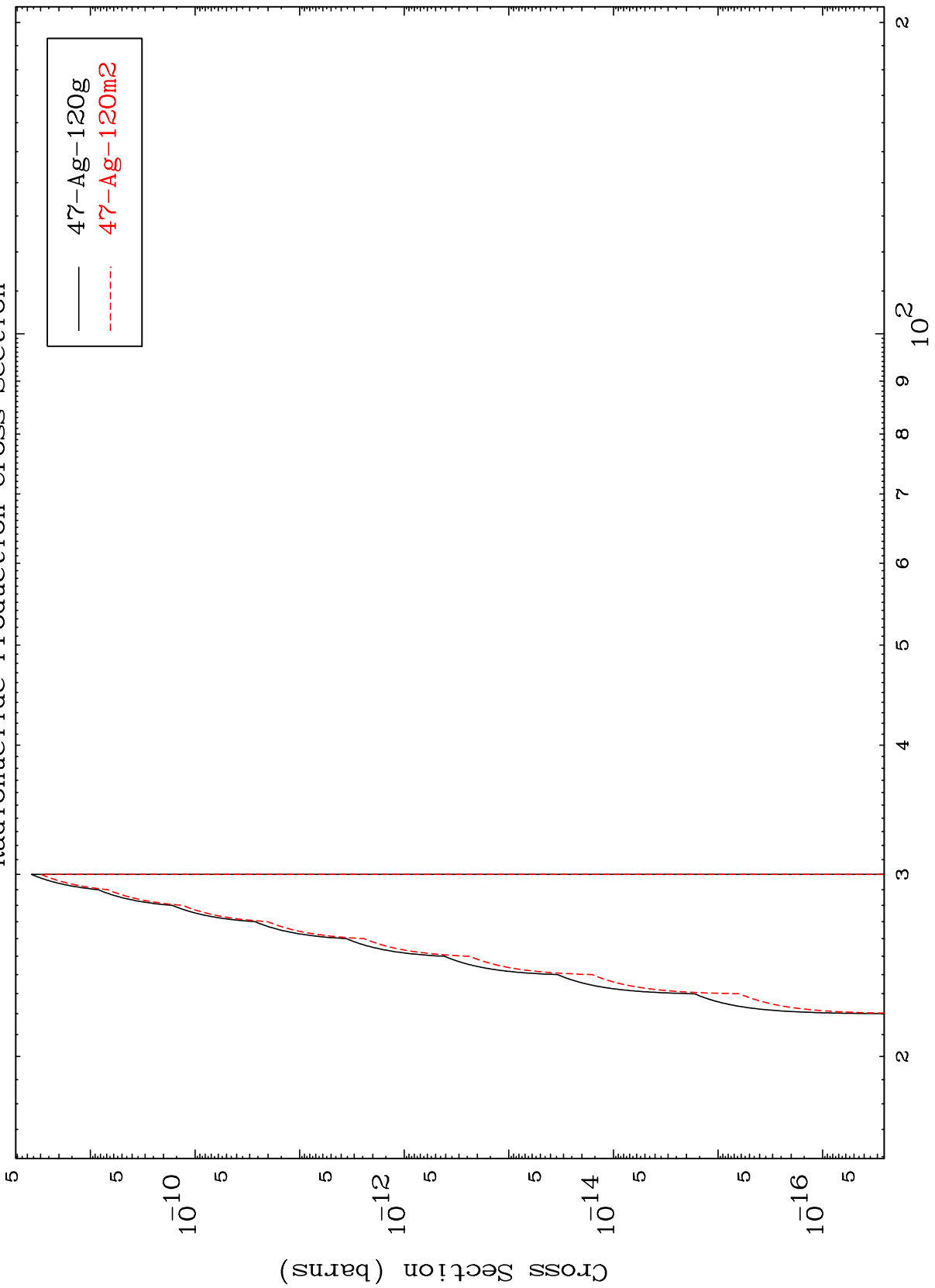


— 47-Ag-118g
- - - 47-Ag-118m4

MAT 4950

49-In-121

(n,2p)
Radionuclide Production Cross Section



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Incident Energy (MeV)

49-In-121