

Program EVALPLOT
(Version 2018-1)

by

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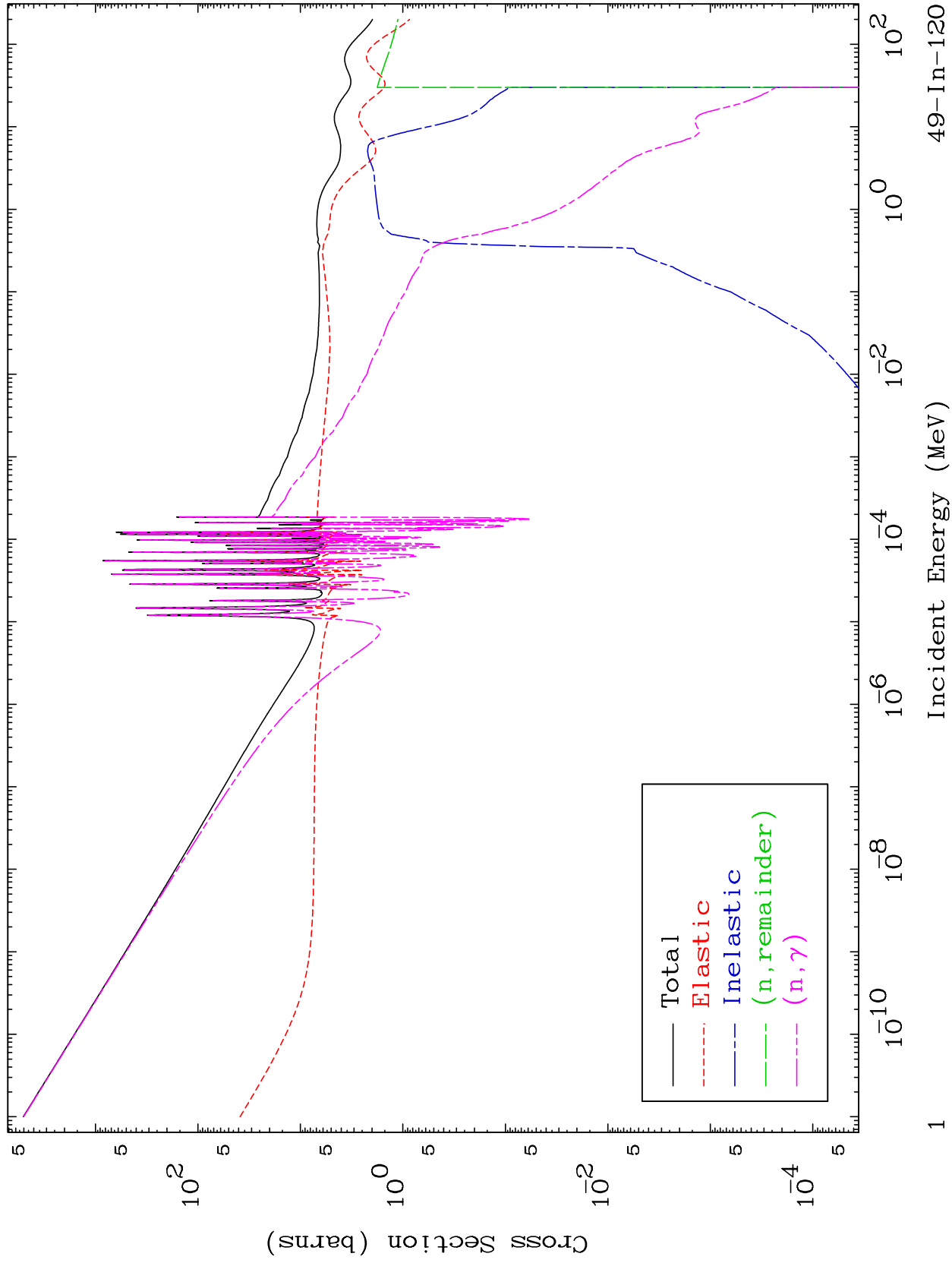
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4947

Major
293 Kelvin Cross Sections

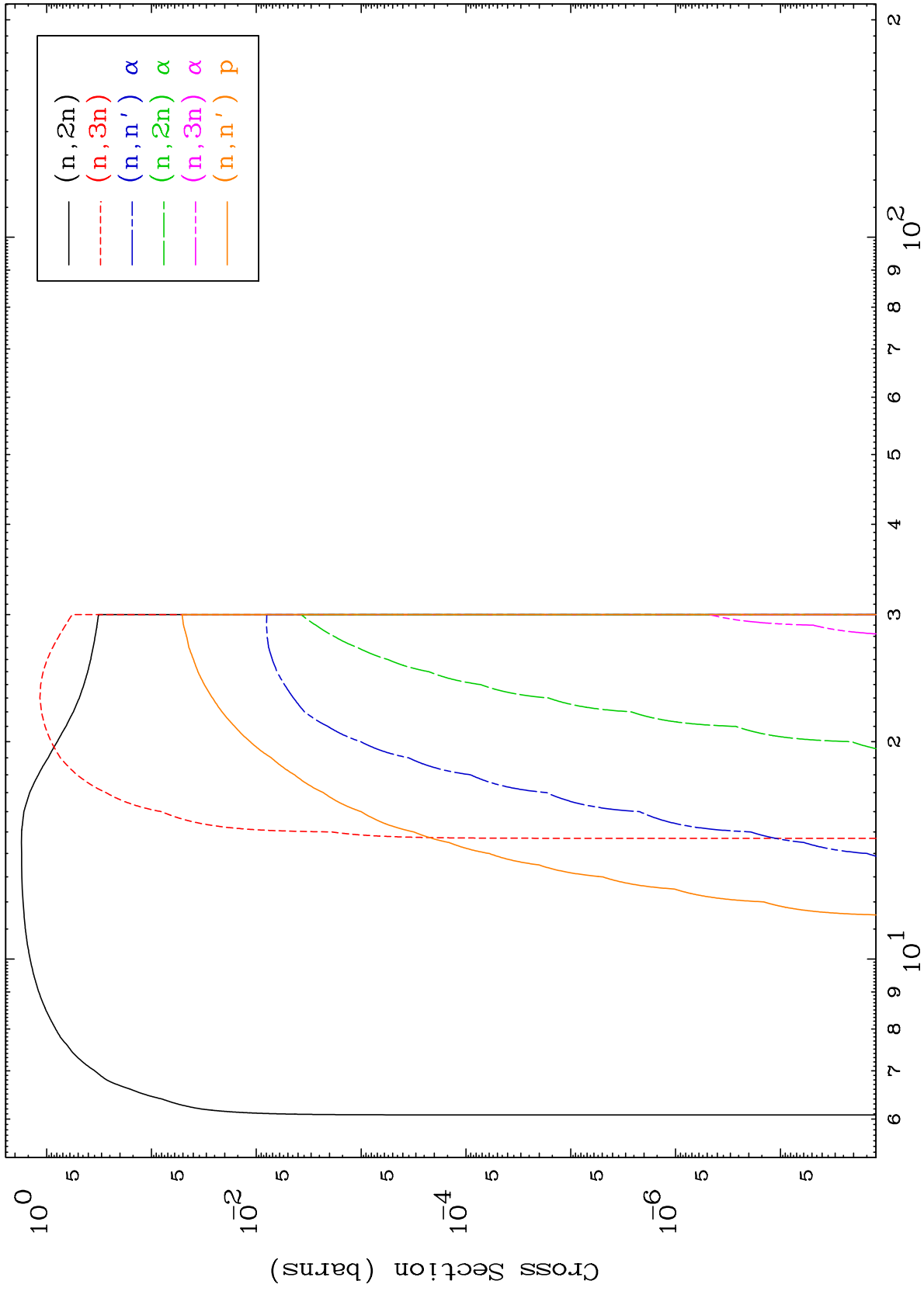
49-In-120



MAT 4947

Neutron Production
293 Kelvin Cross Sections

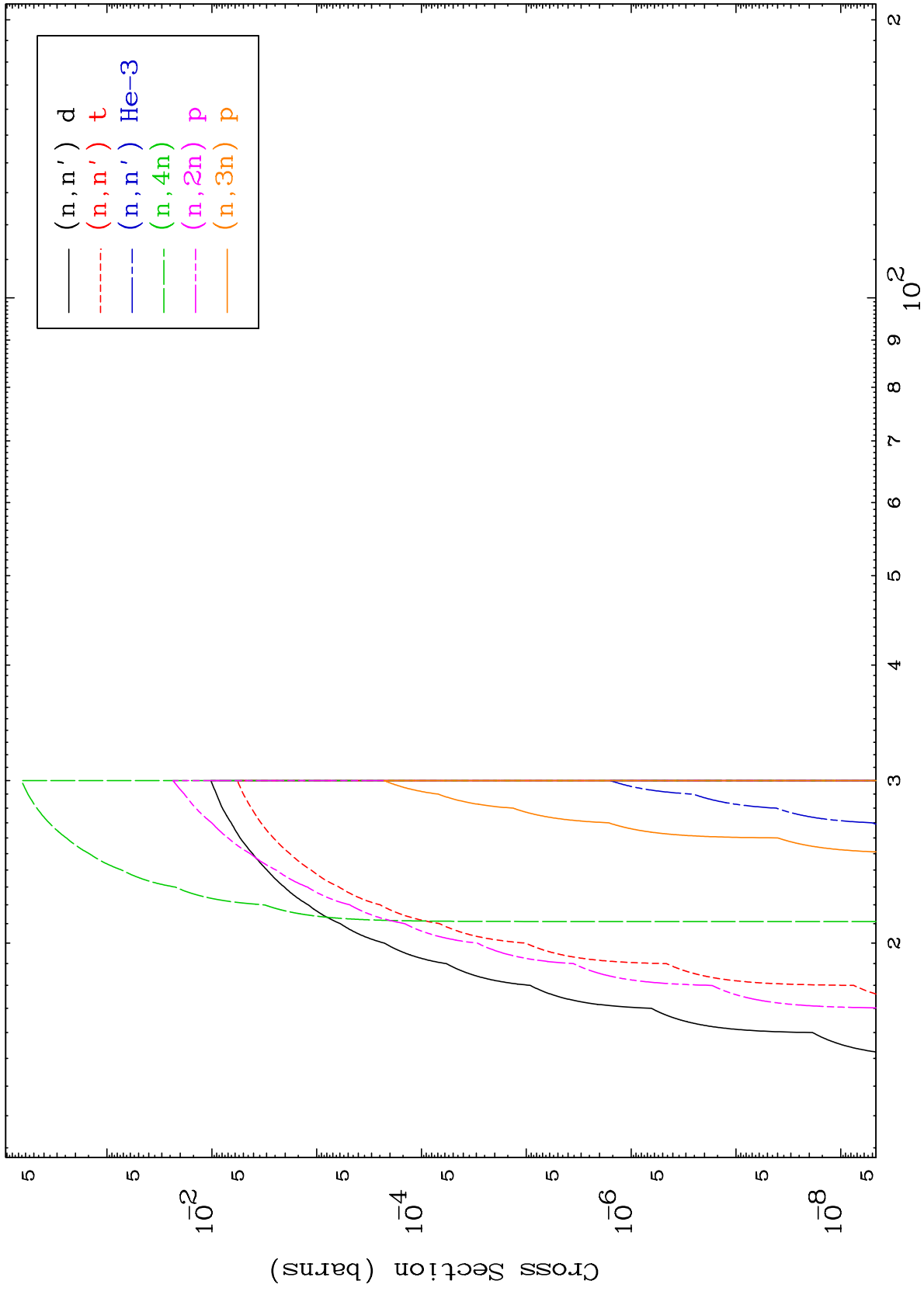
49-In-120



2

Incident Energy (MeV)

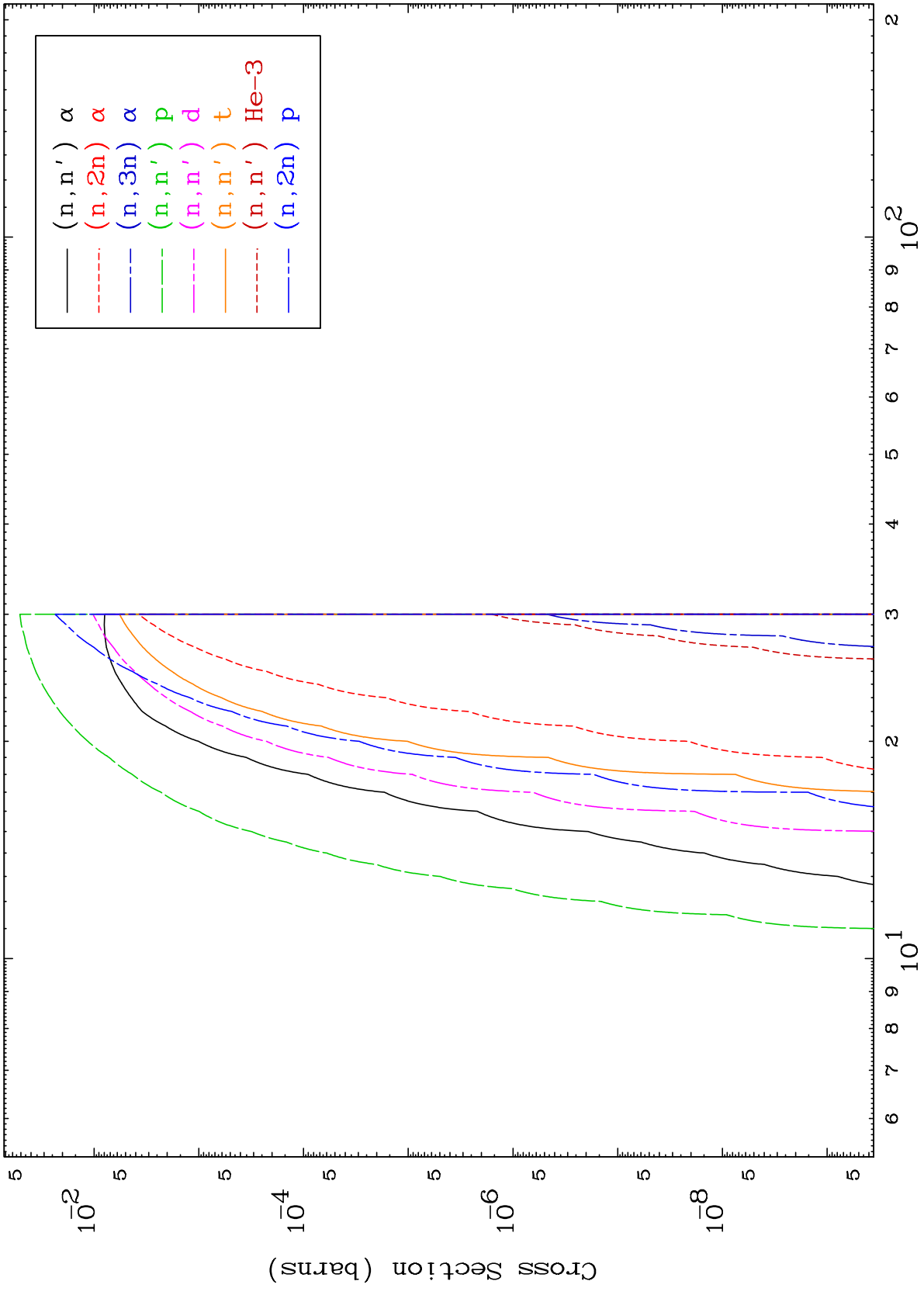
49-In-120



MAT 4947

Charged Particle
293 Kelvin Cross Sections

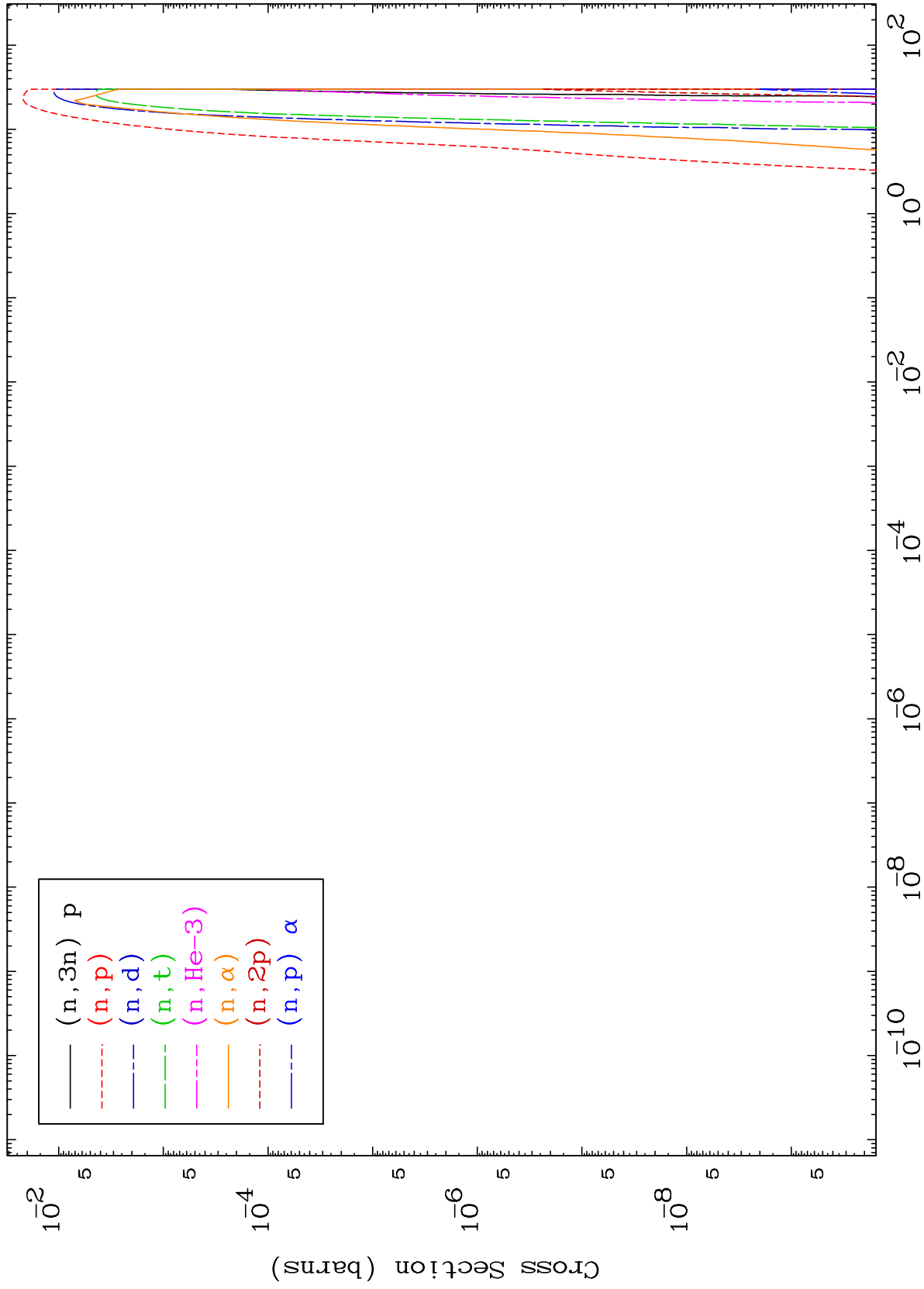
49-In-120



MAT 4947

Charged Particle
293 Kelvin Cross Sections

49-In-120



5

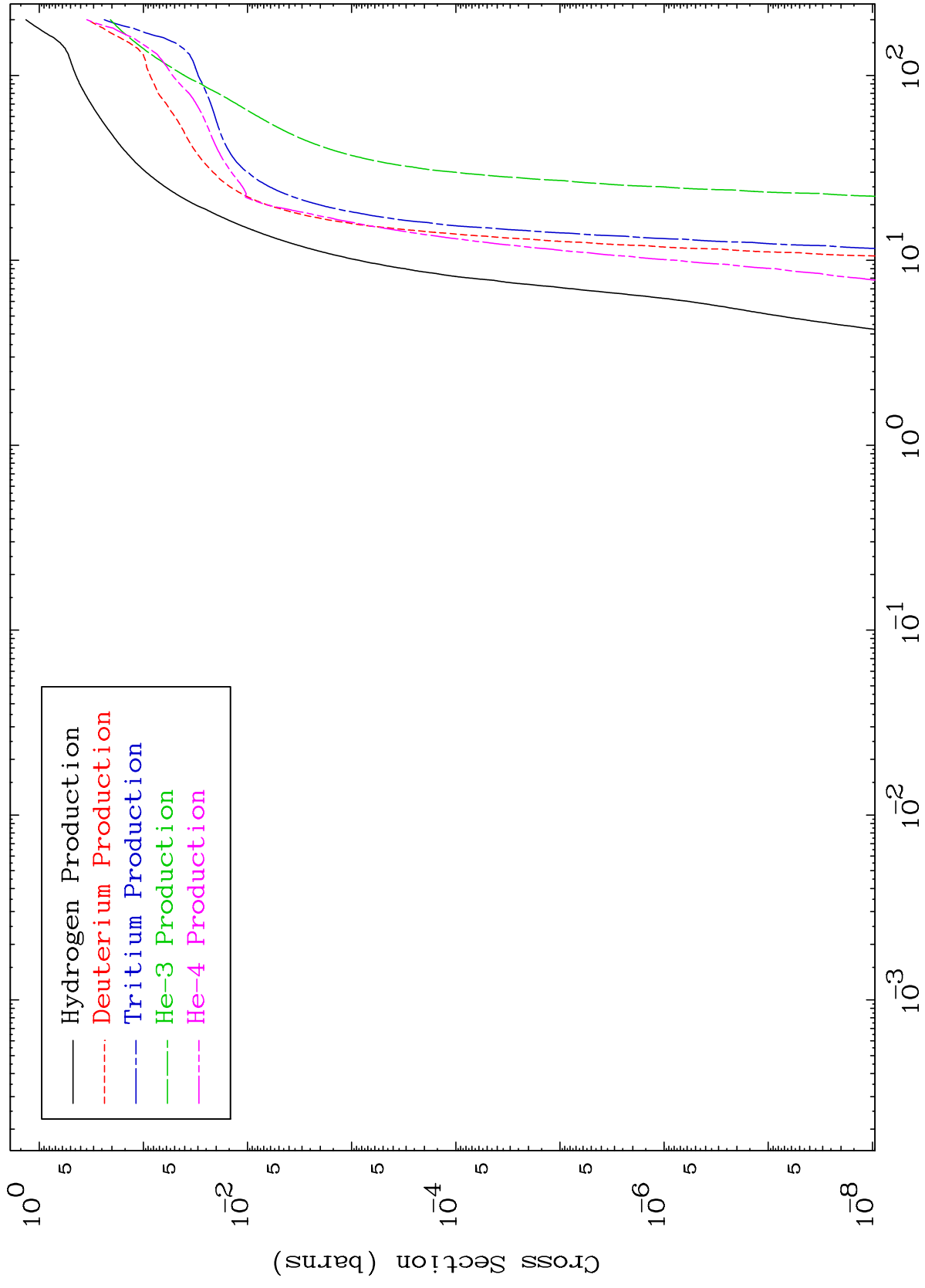
Incident Energy (MeV)

49-In-120

MAT 4947

Particle Production
293 Kelvin Cross Sections

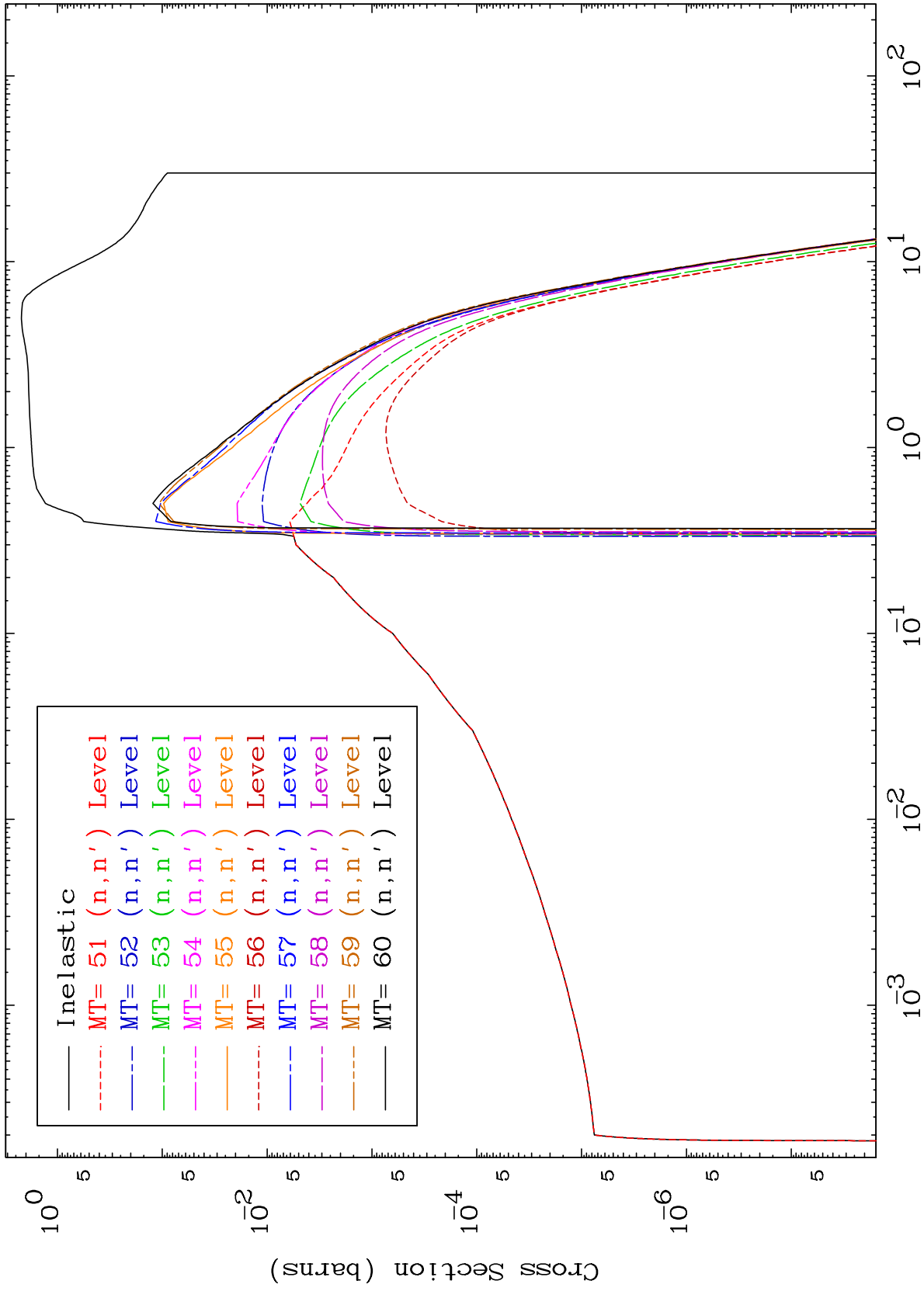
49-In-120



MAT 4947

293 Kelvin Cross Sections
(n,n') Level

49-In-120

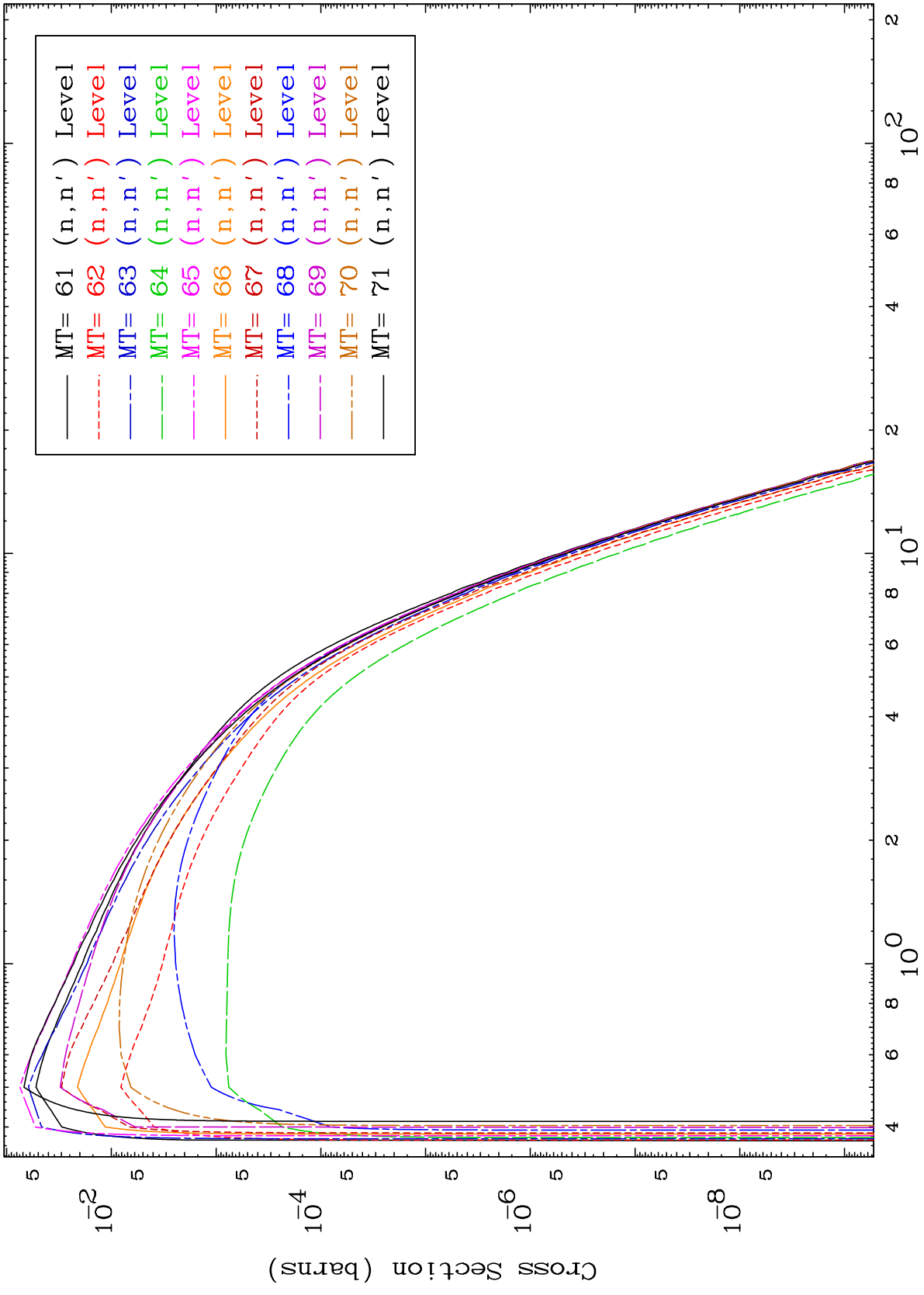


MAT 4947

(n,n') Level

49-In-120

293 Kelvin Cross Sections



8

Incident Energy (MeV)

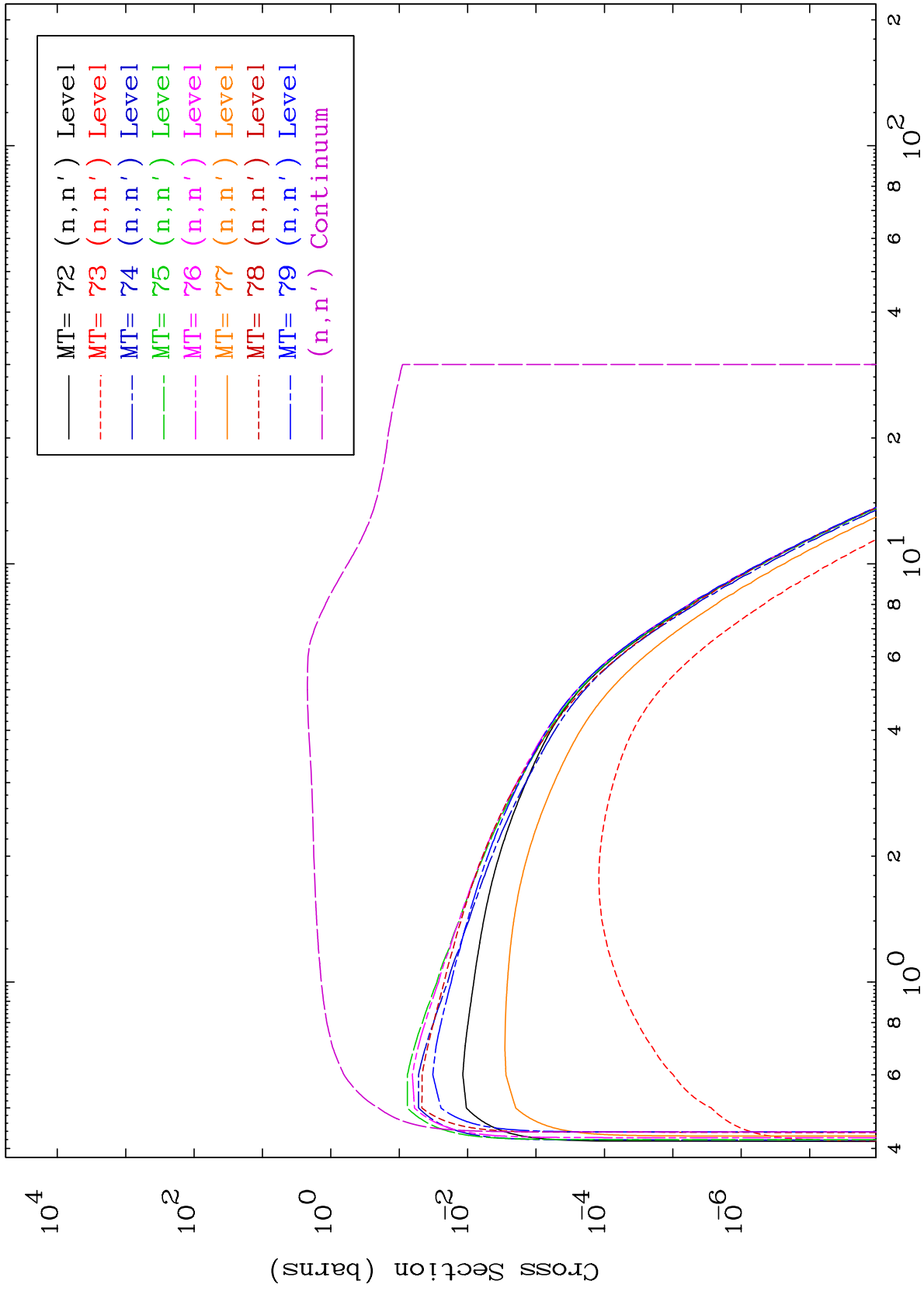
49-In-120

MAT 4947

(n,n') Level

49-In-120

293 Kelvin Cross Sections



9

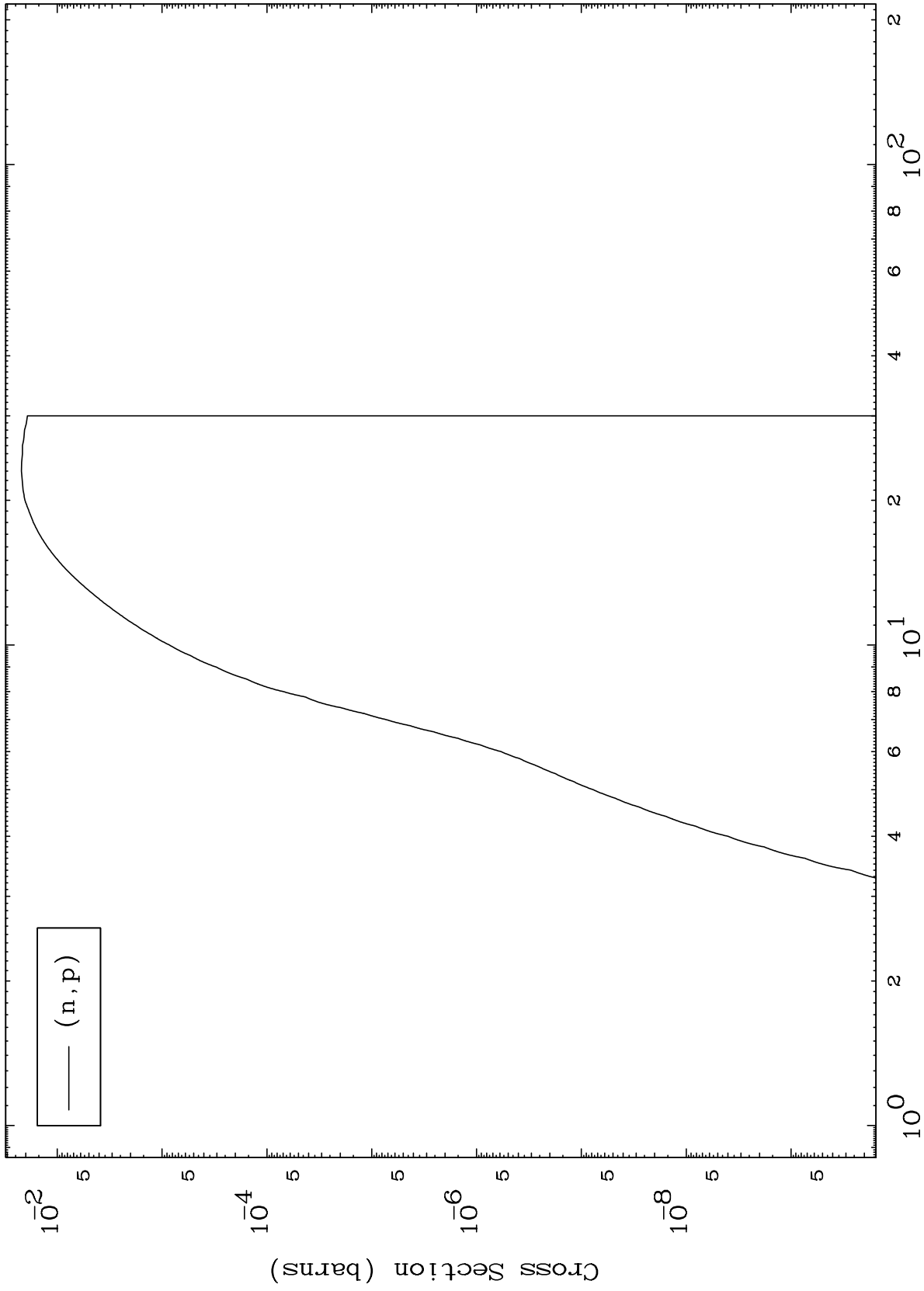
Incident Energy (MeV)

49-In-120

MAT 4947

(n,p) Levels
293 Kelvin Cross Sections

49-In-120



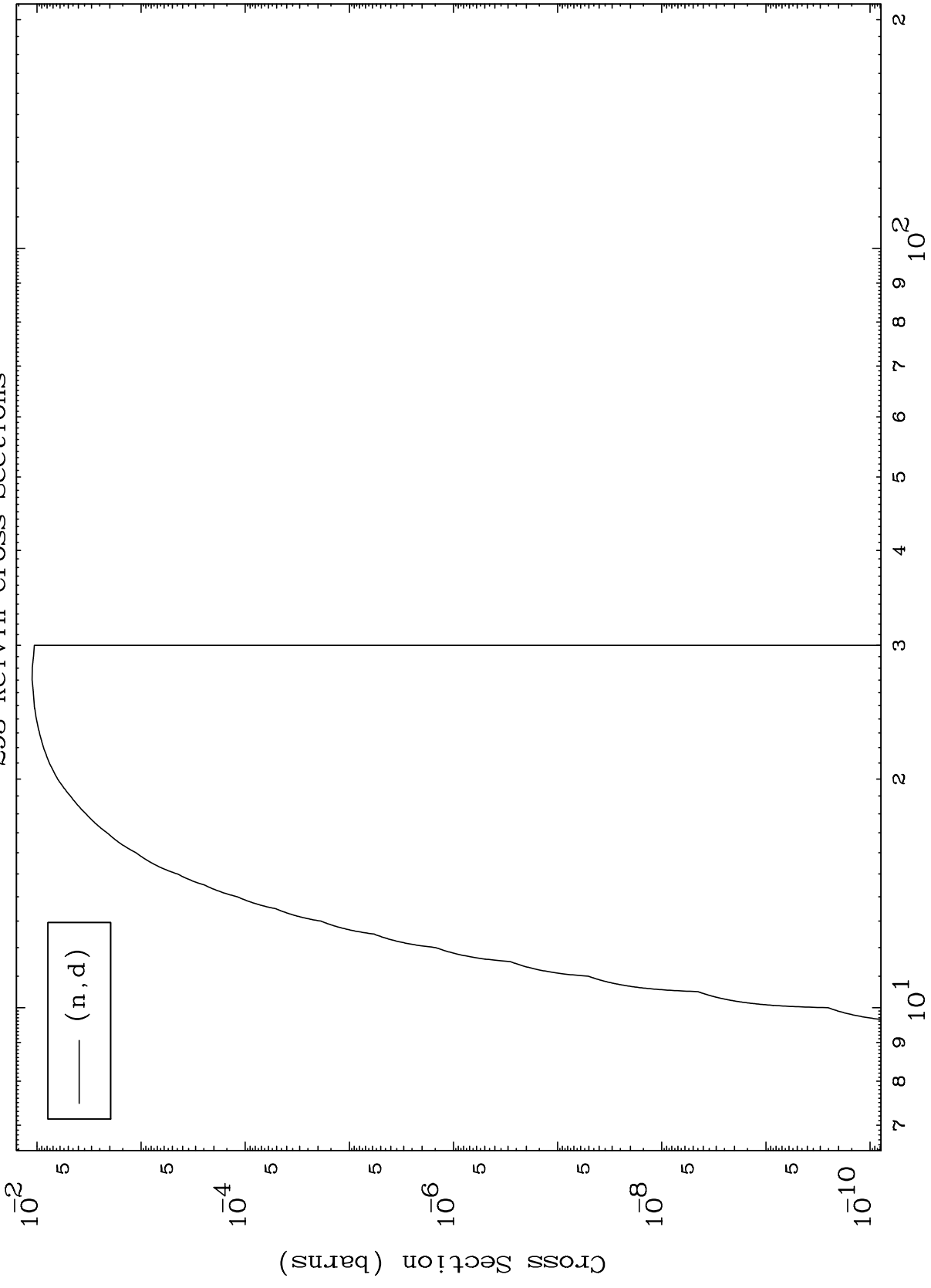
Incident Energy (MeV)

49-In-120

MAT 4947

(n,d) Levels
293 Kelvin Cross Sections

49-In-120

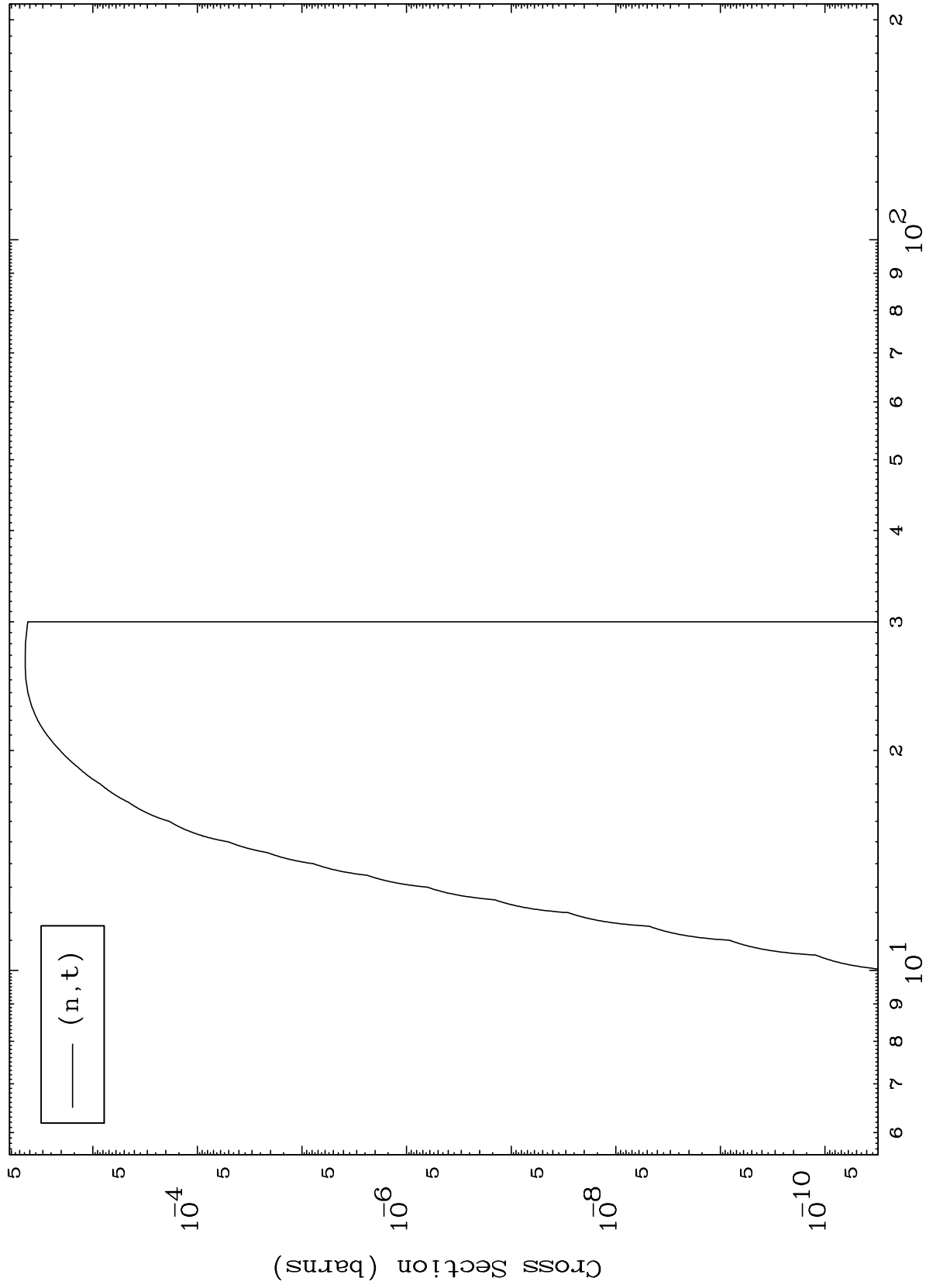


(n,d)

MAT 4947

(n,t) Levels
293 Kelvin Cross Sections

49-In-120



12

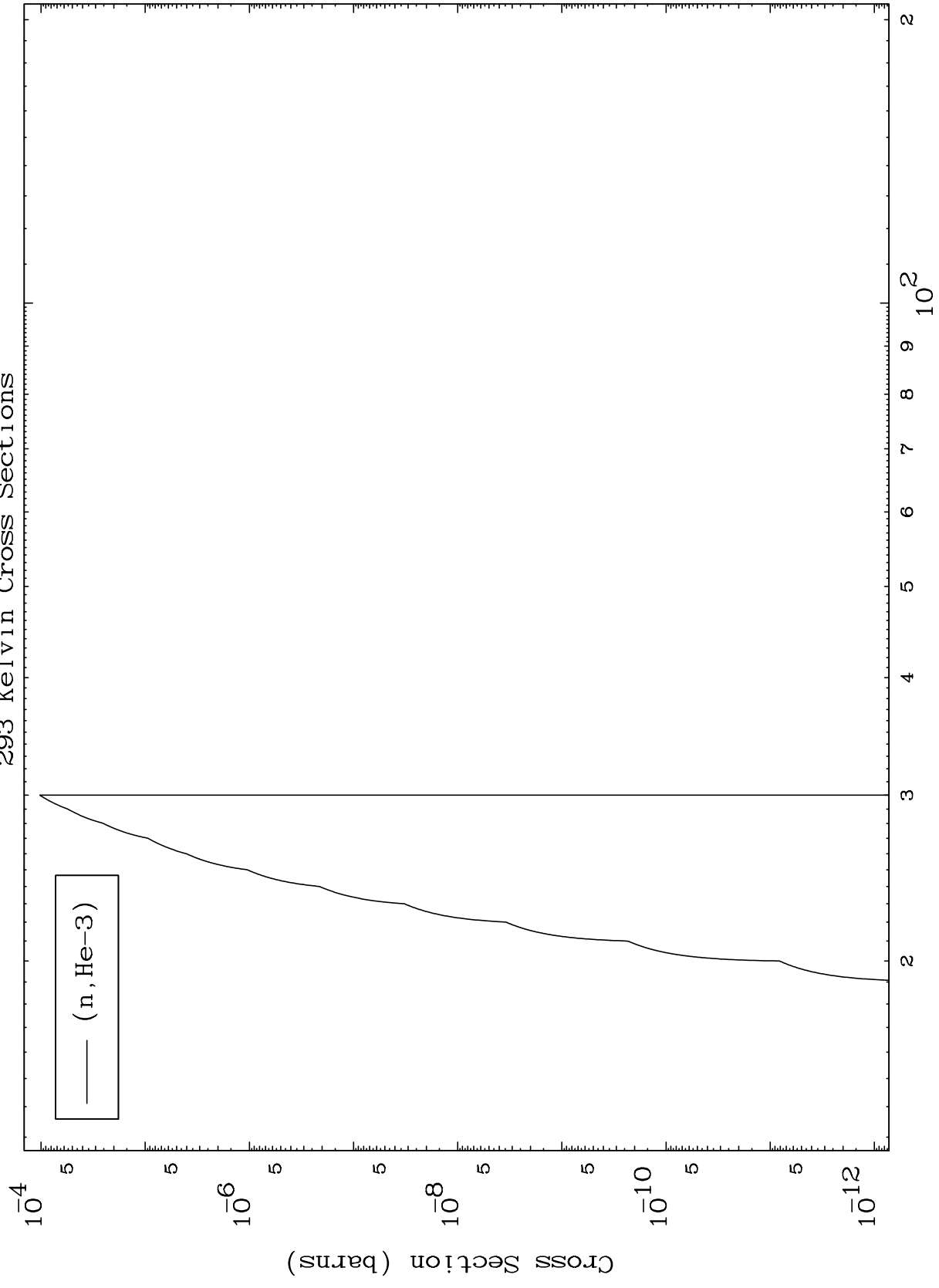
Incident Energy (MeV)

49-In-120

MAT 4947

(n,He3) Levels
293 Kelvin Cross Sections

49-In-120



13

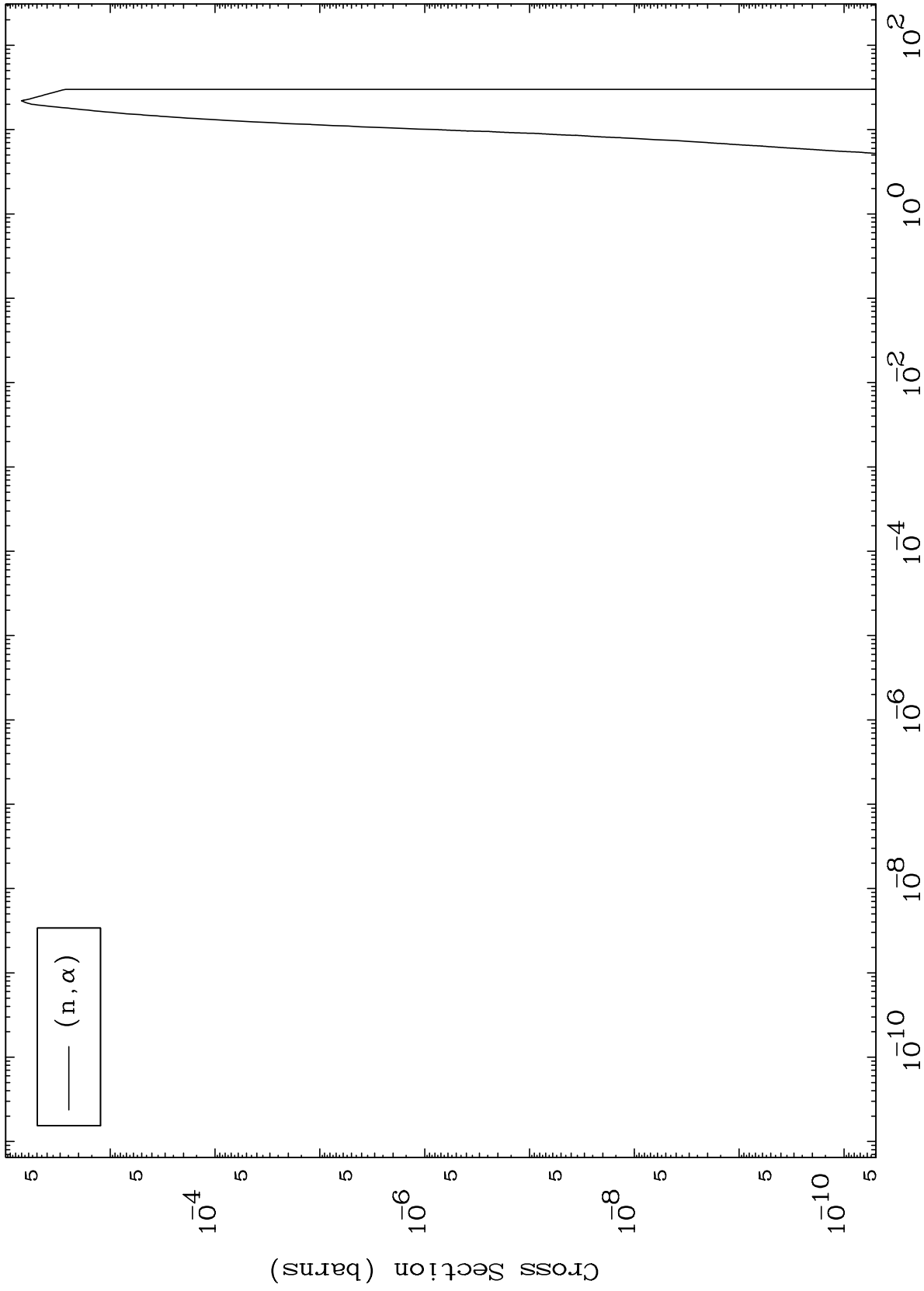
Incident Energy (MeV)

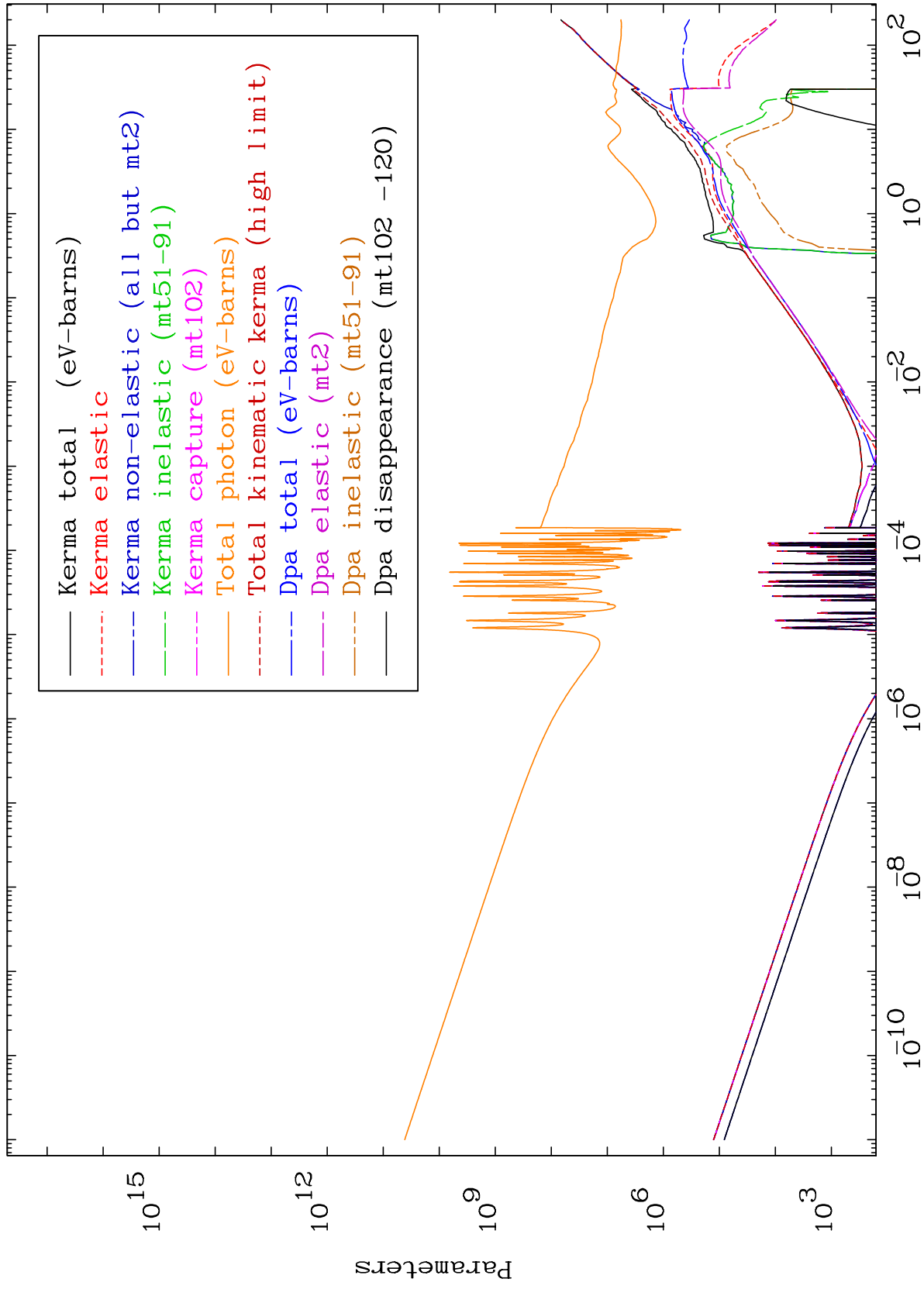
49-In-120

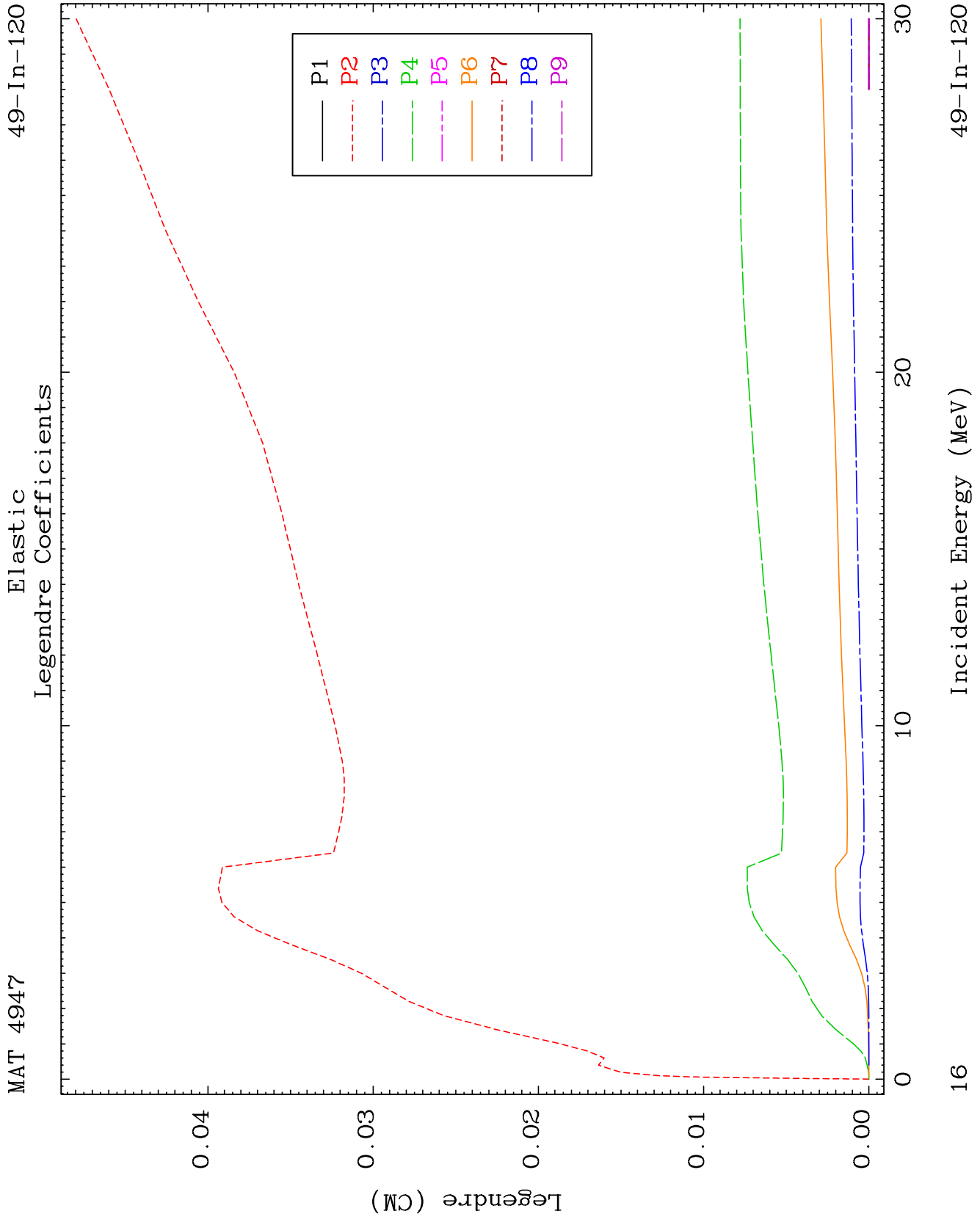
MAT 4947

(n,α) Levels
293 Kelvin Cross Sections

49-In-120



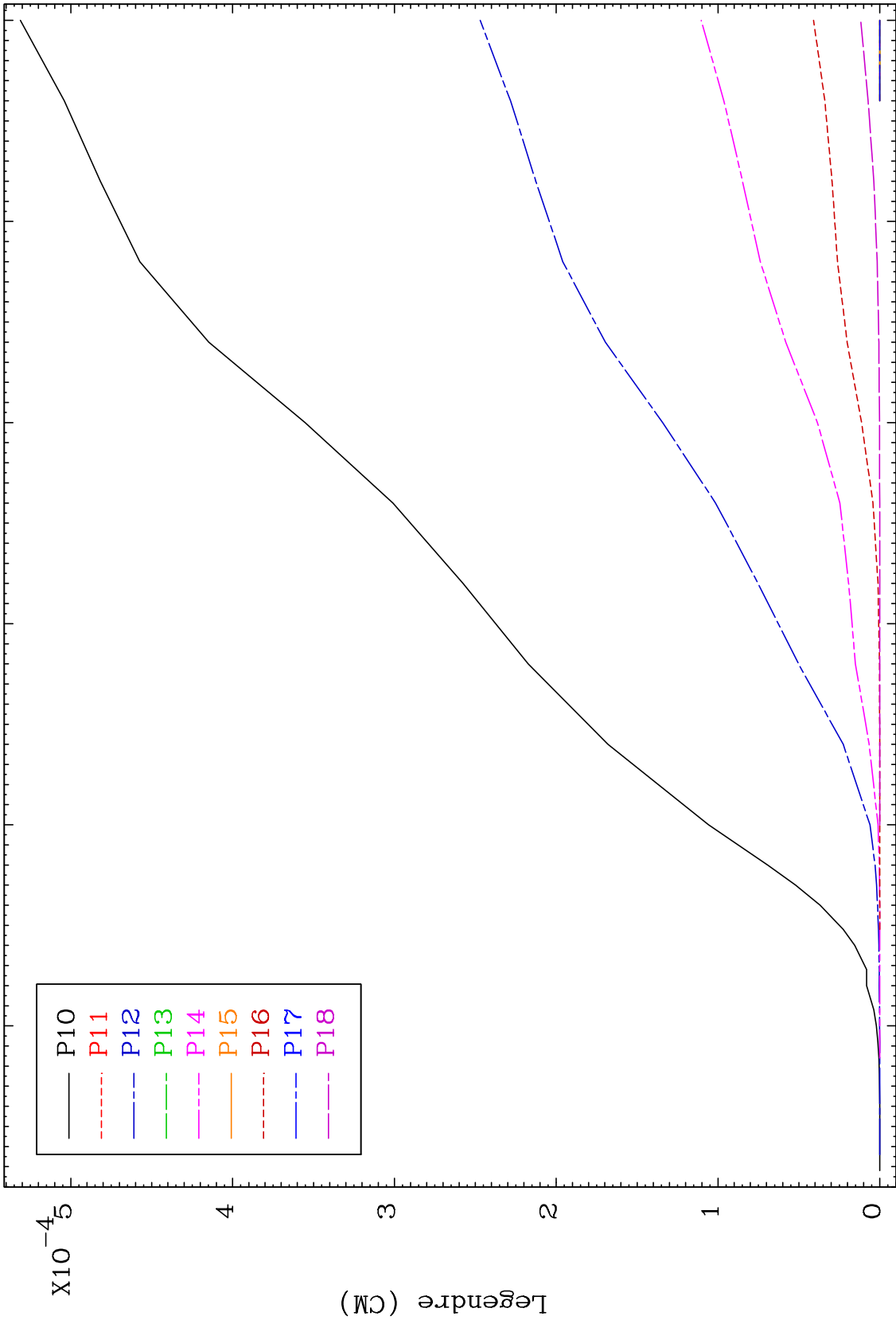




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Elastic Legendre Coefficients

49-In-120



17

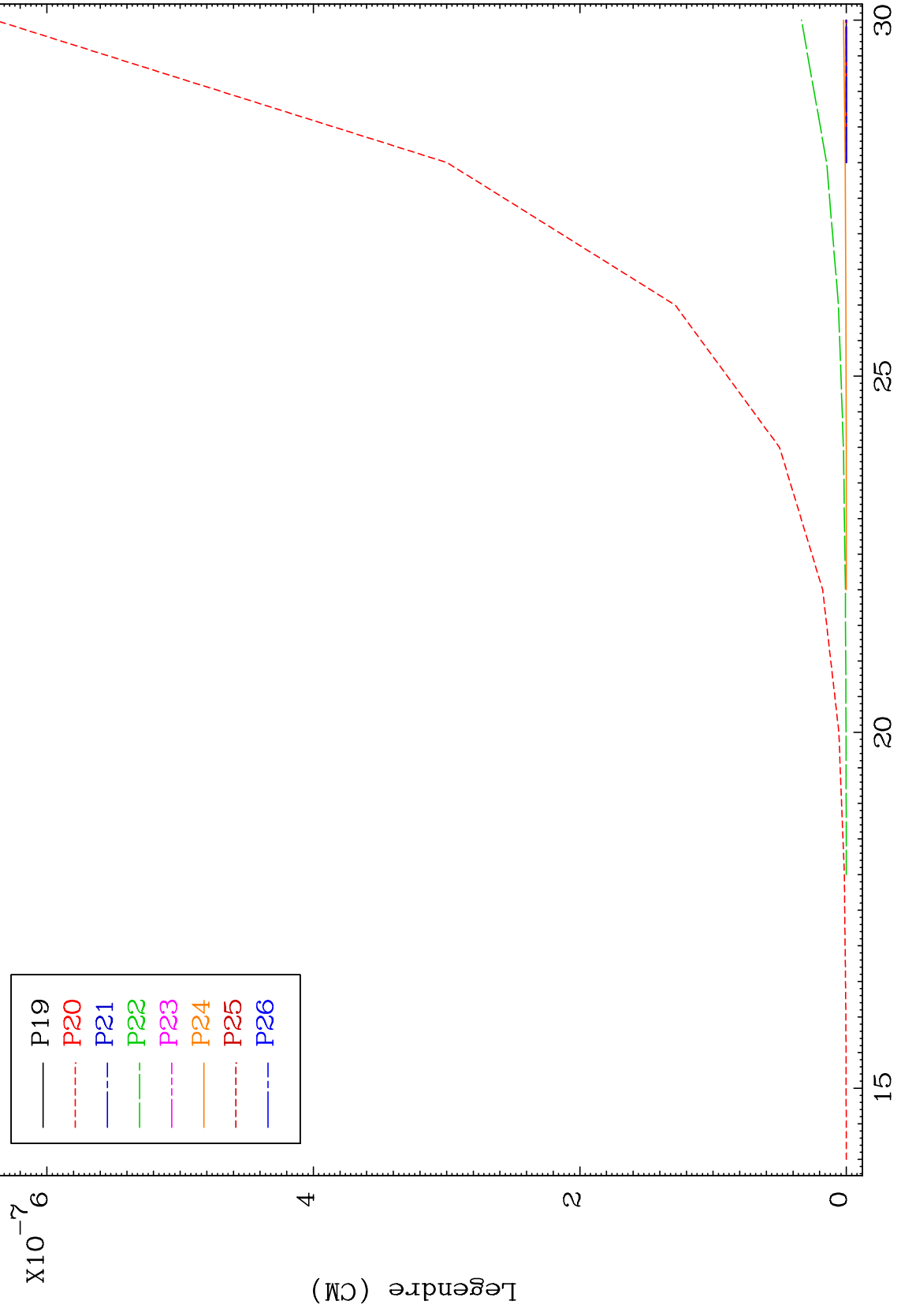
Incident Energy (MeV)

49-In-120

MAT 4947

Elastic Legendre Coefficients

49-In-120



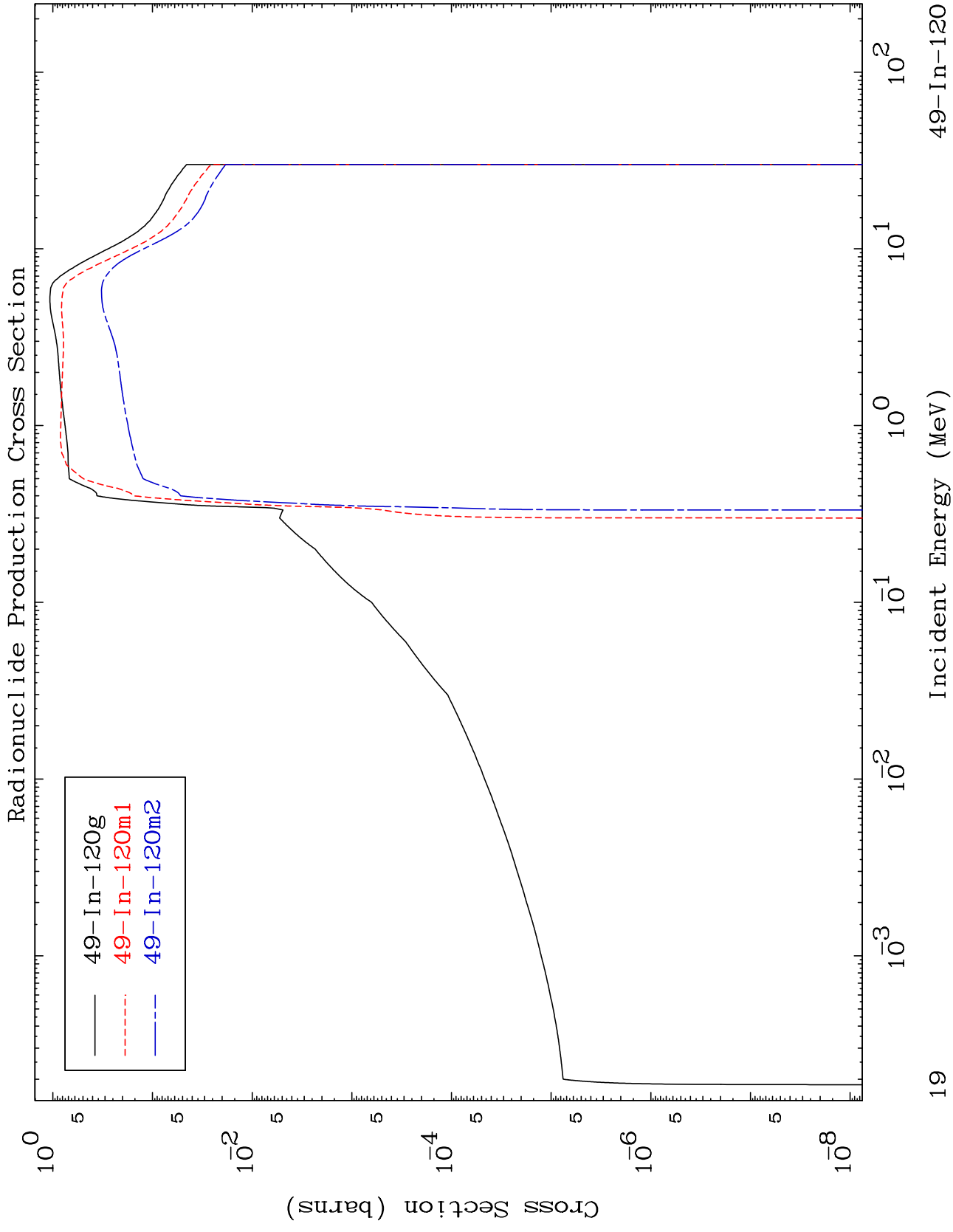
18

Incident Energy (MeV)

49-In-120

MAT 4947

49-In-120



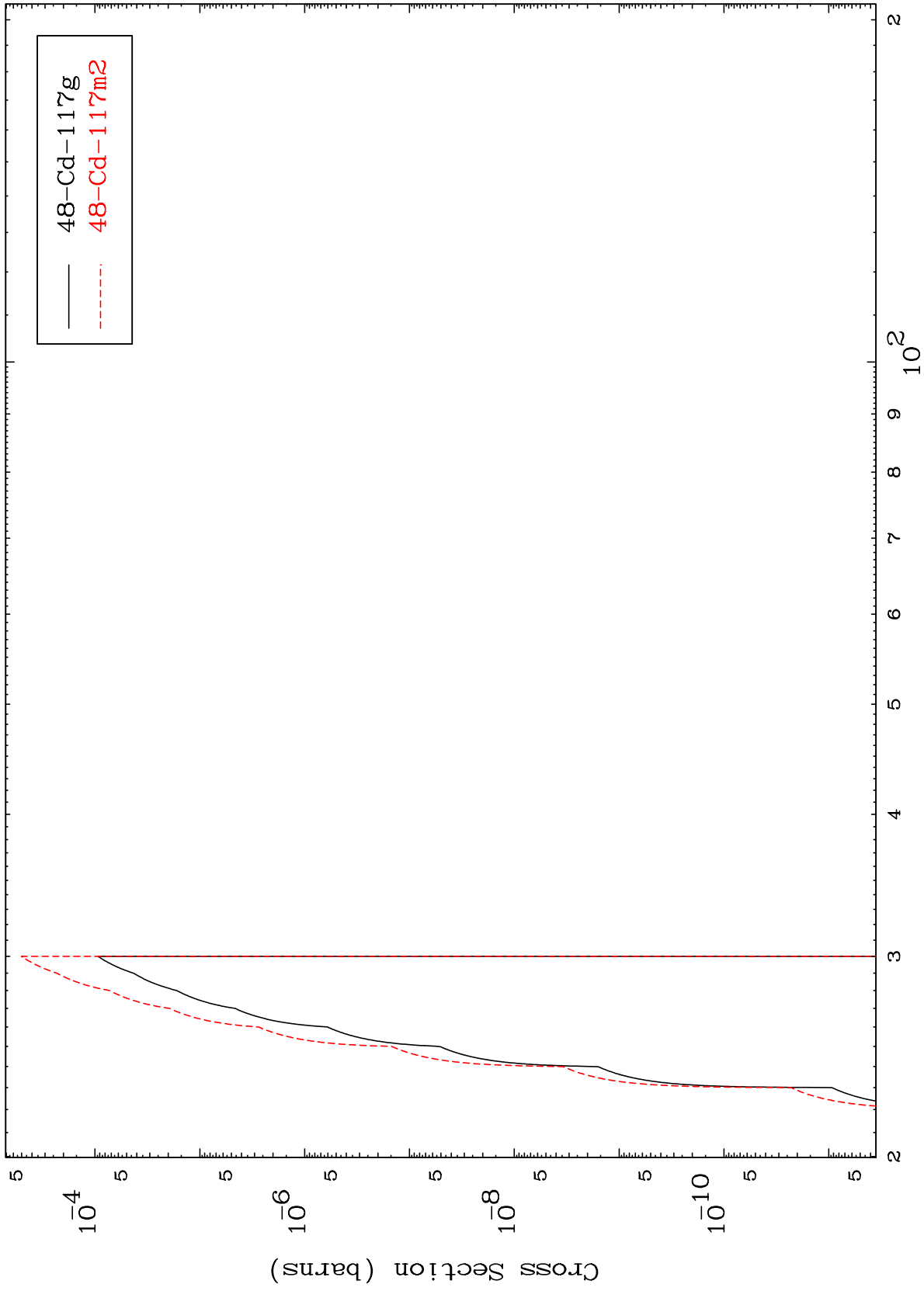
49-In-120g
49-In-120m1
49-In-120m2

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(n,2n) d

49-In-120

Radionuclide Production Cross Section



20

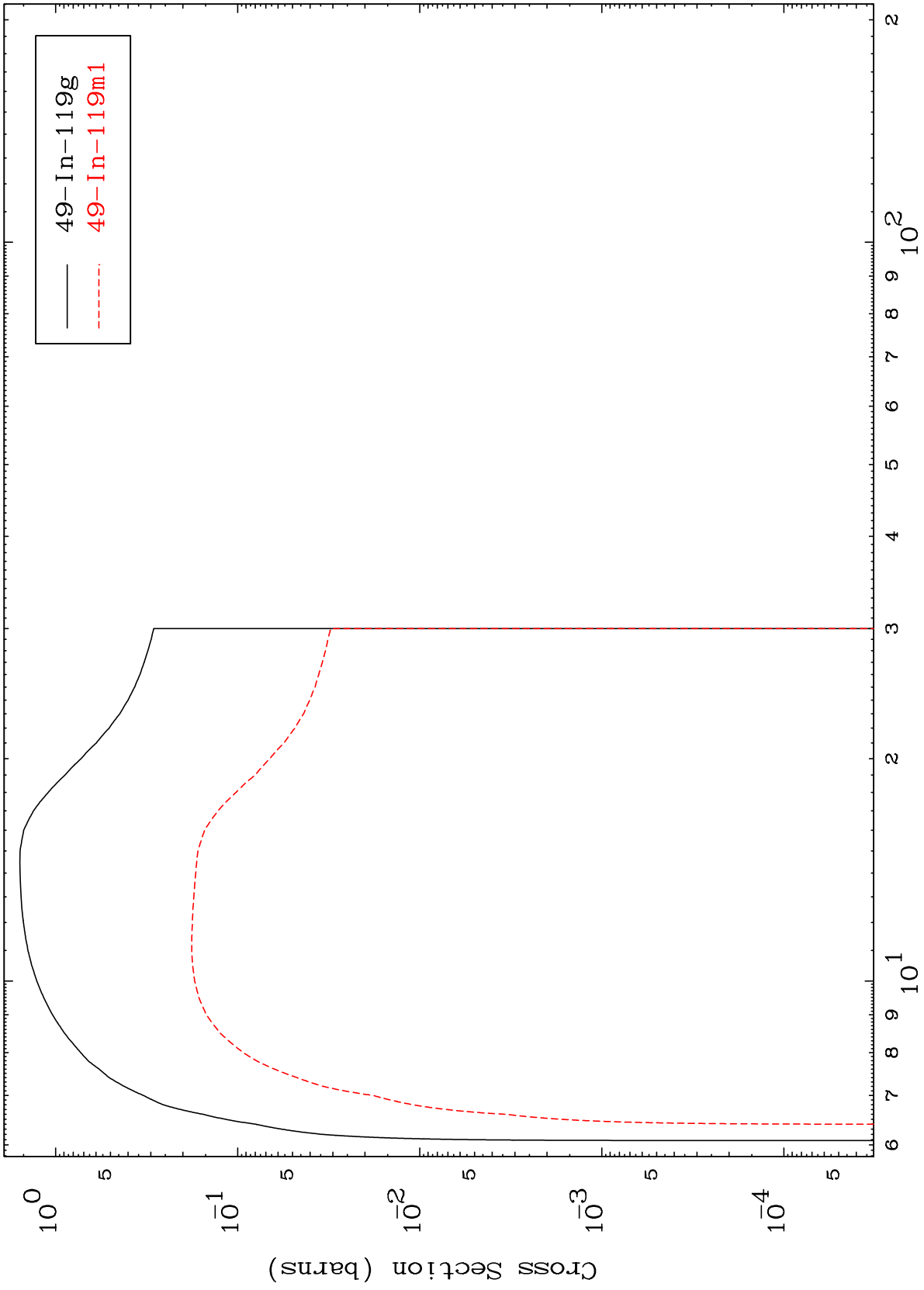
Incident Energy (MeV)

49-In-120

MAT 4947

49-In-120

(n,2n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

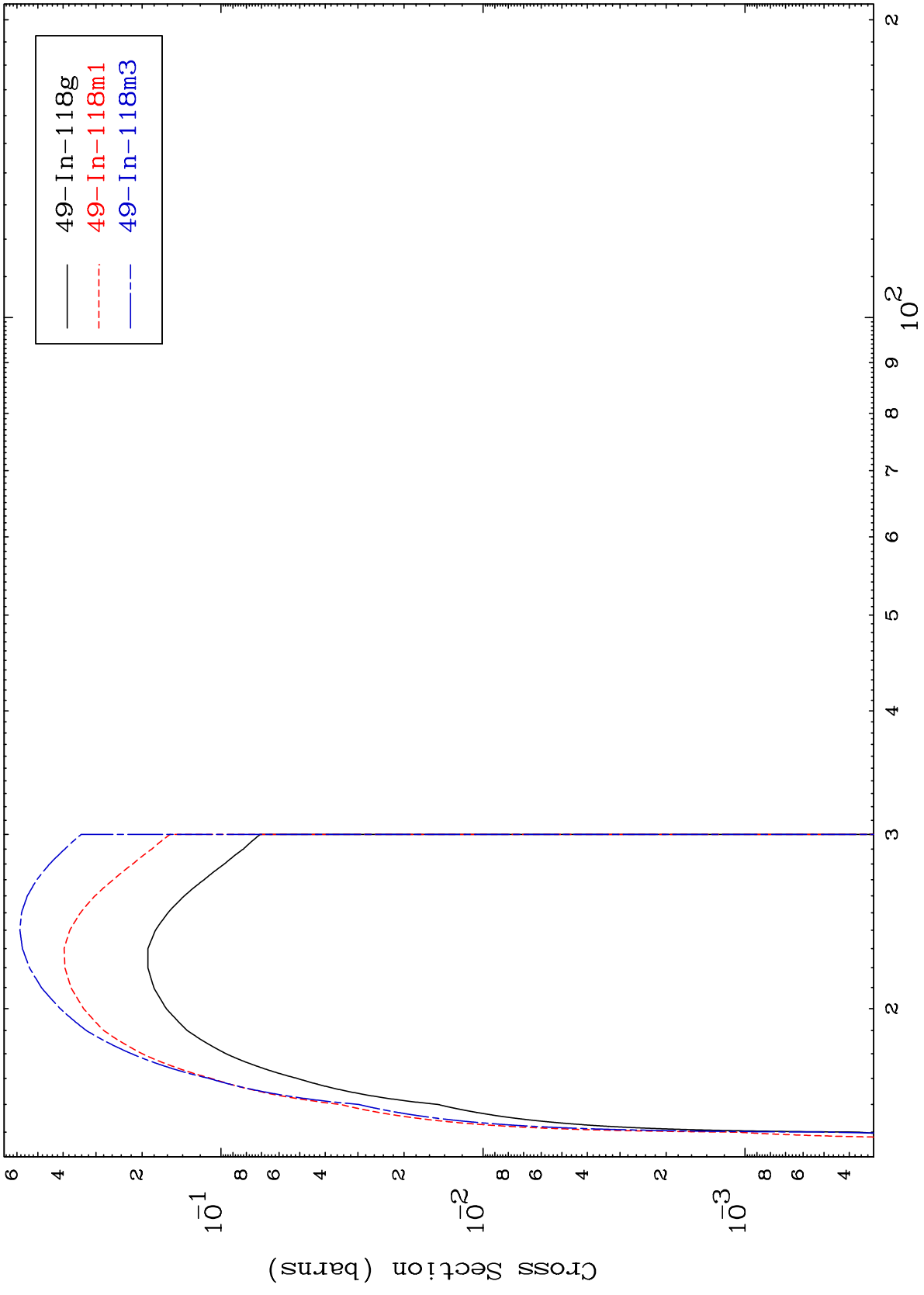
49-In-120

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(n,3n)

49-In-120

Radionuclide Production Cross Section



22

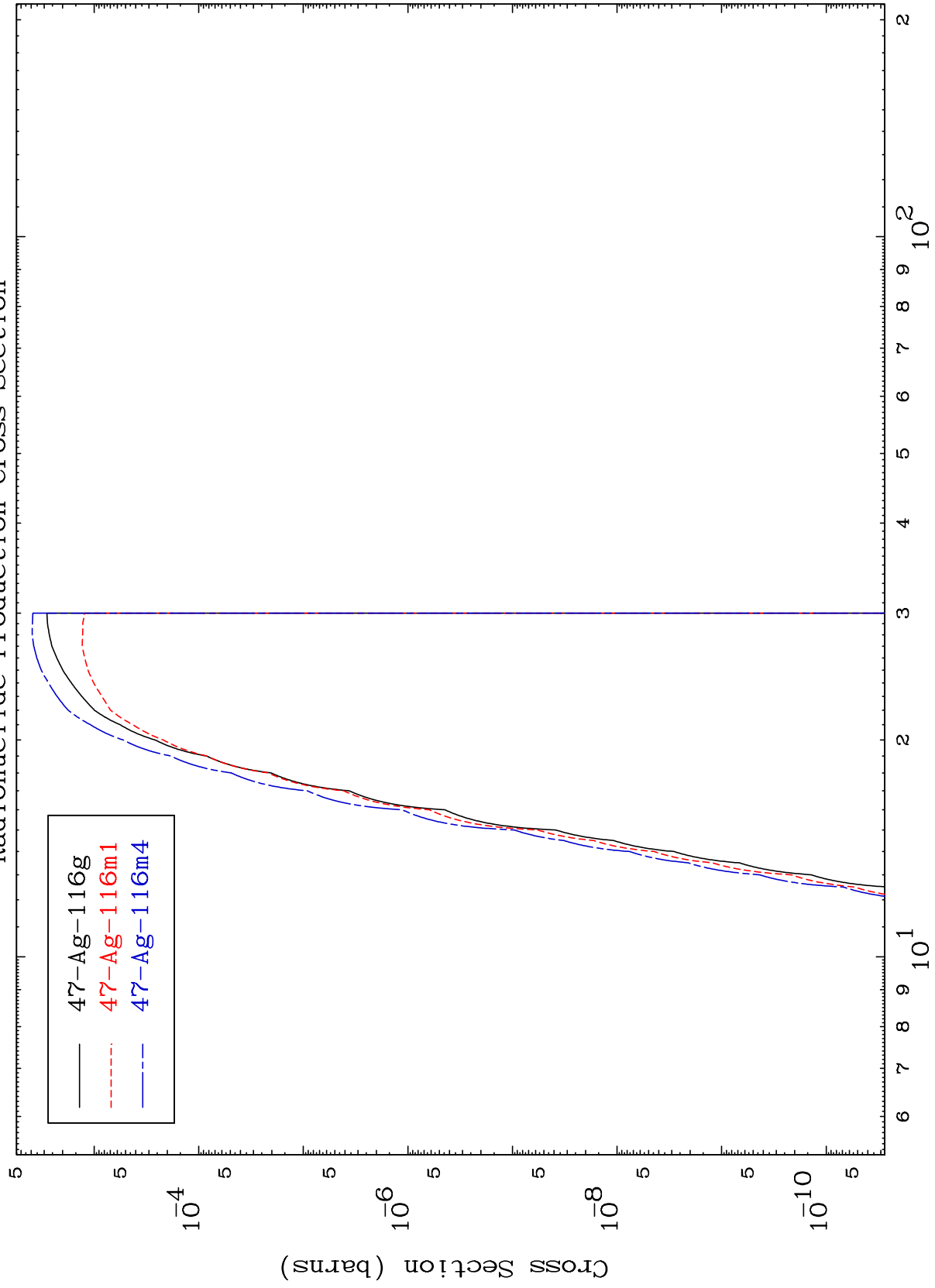
Incident Energy (MeV)

49-In-120

MAT 4947

49-In-120

(n,n') α
Radionuclide Production Cross Section



23

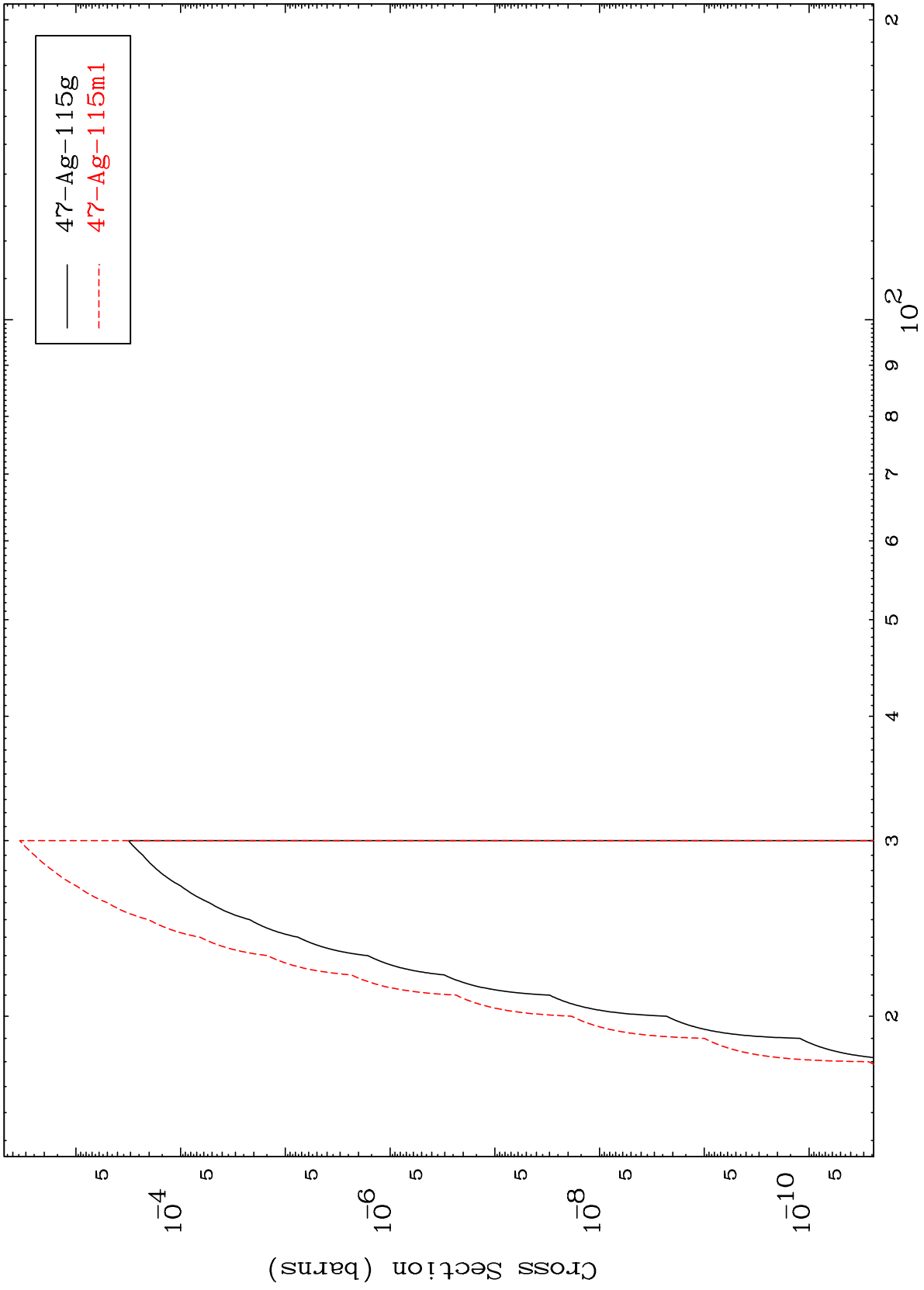
49-In-120

MAT 4947

(n,2n) α

49-In-120

Radionuclide Production Cross Section



24

Incident Energy (MeV)

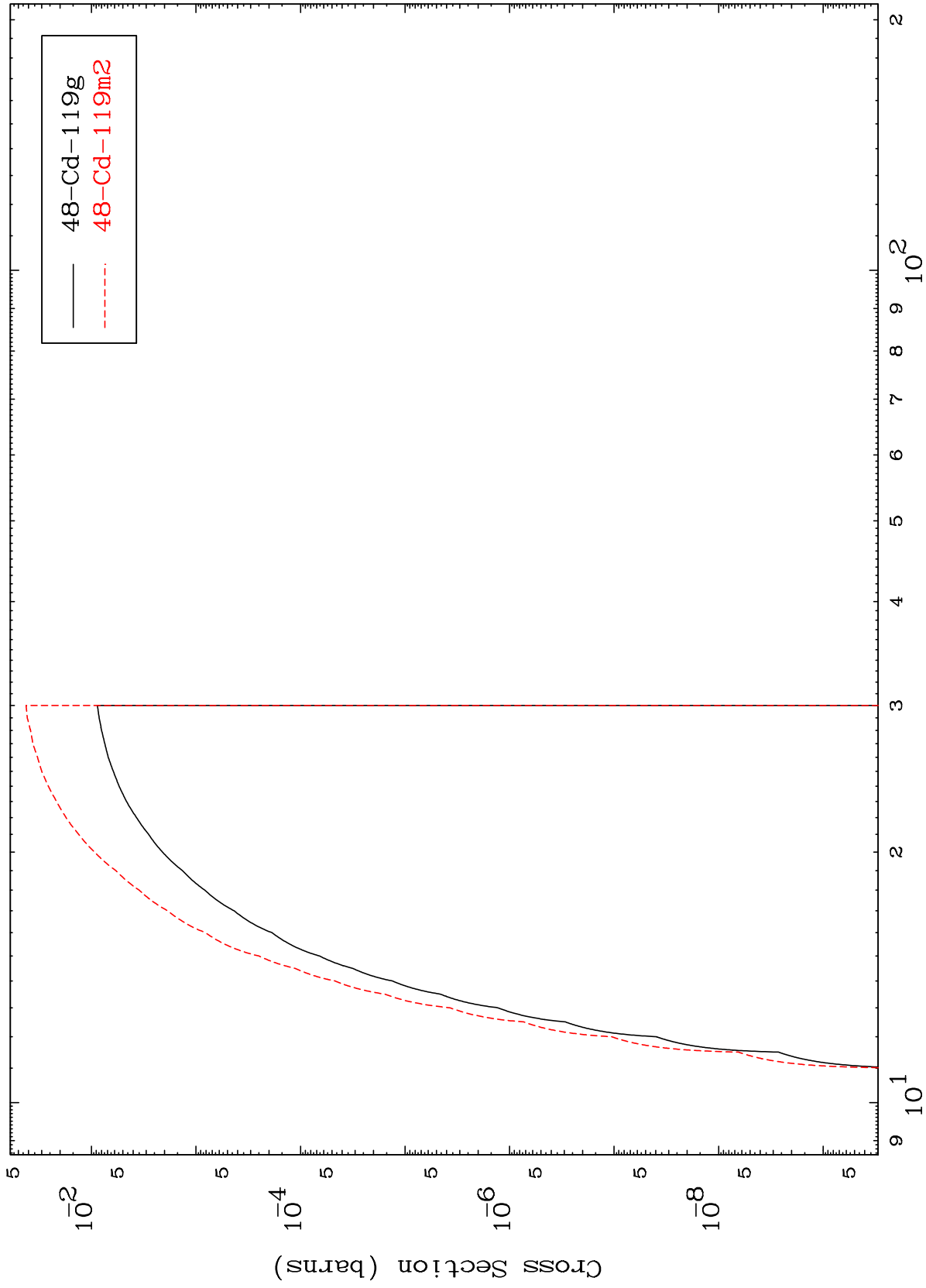
49-In-120

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(n,n') p

49-In-120

Radionuclide Production Cross Section



25

Incident Energy (MeV)

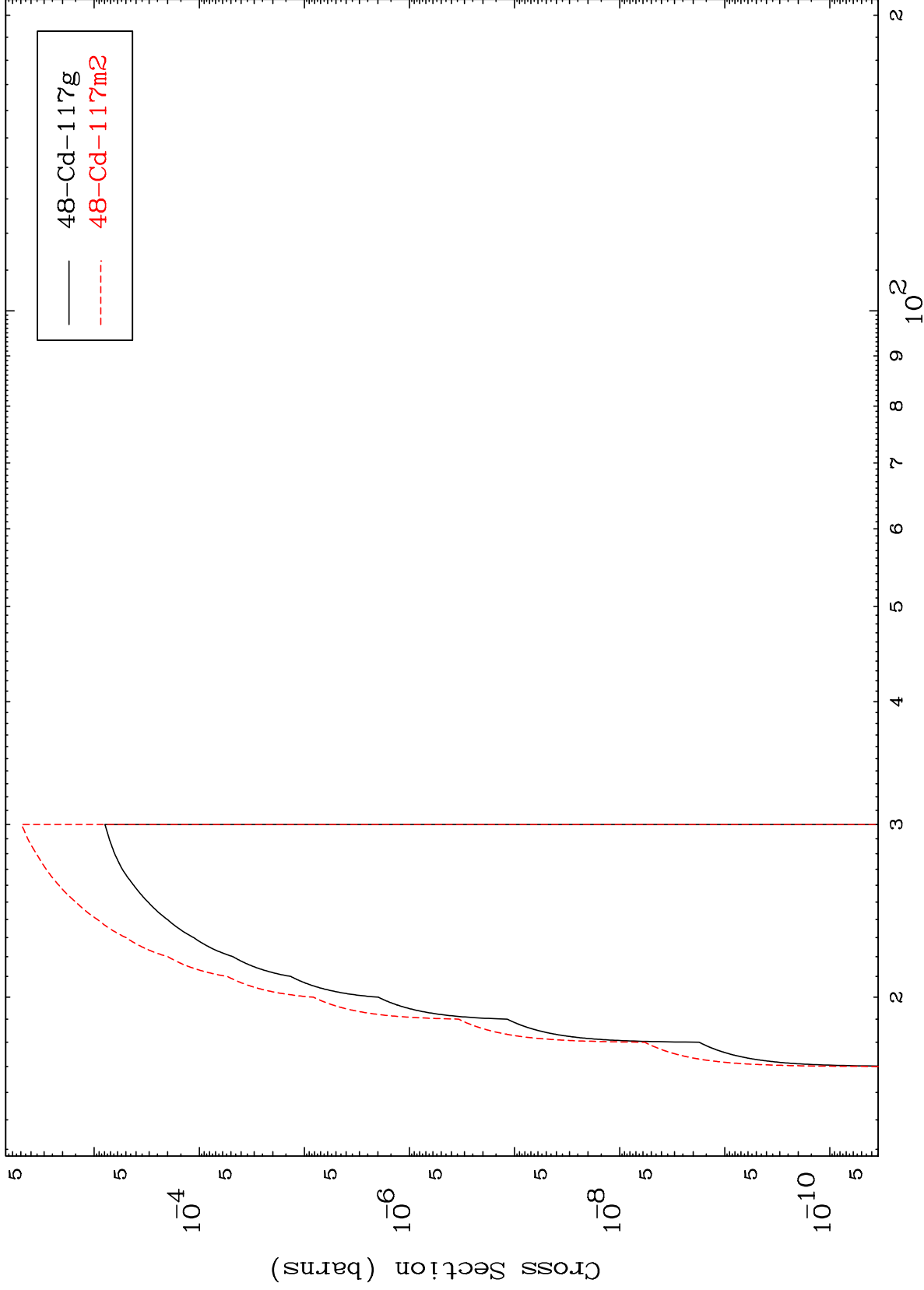
49-In-120

MAT 4947

(n,n') t

49-In-120

Radionuclide Production Cross Section



26

Incident Energy (MeV)

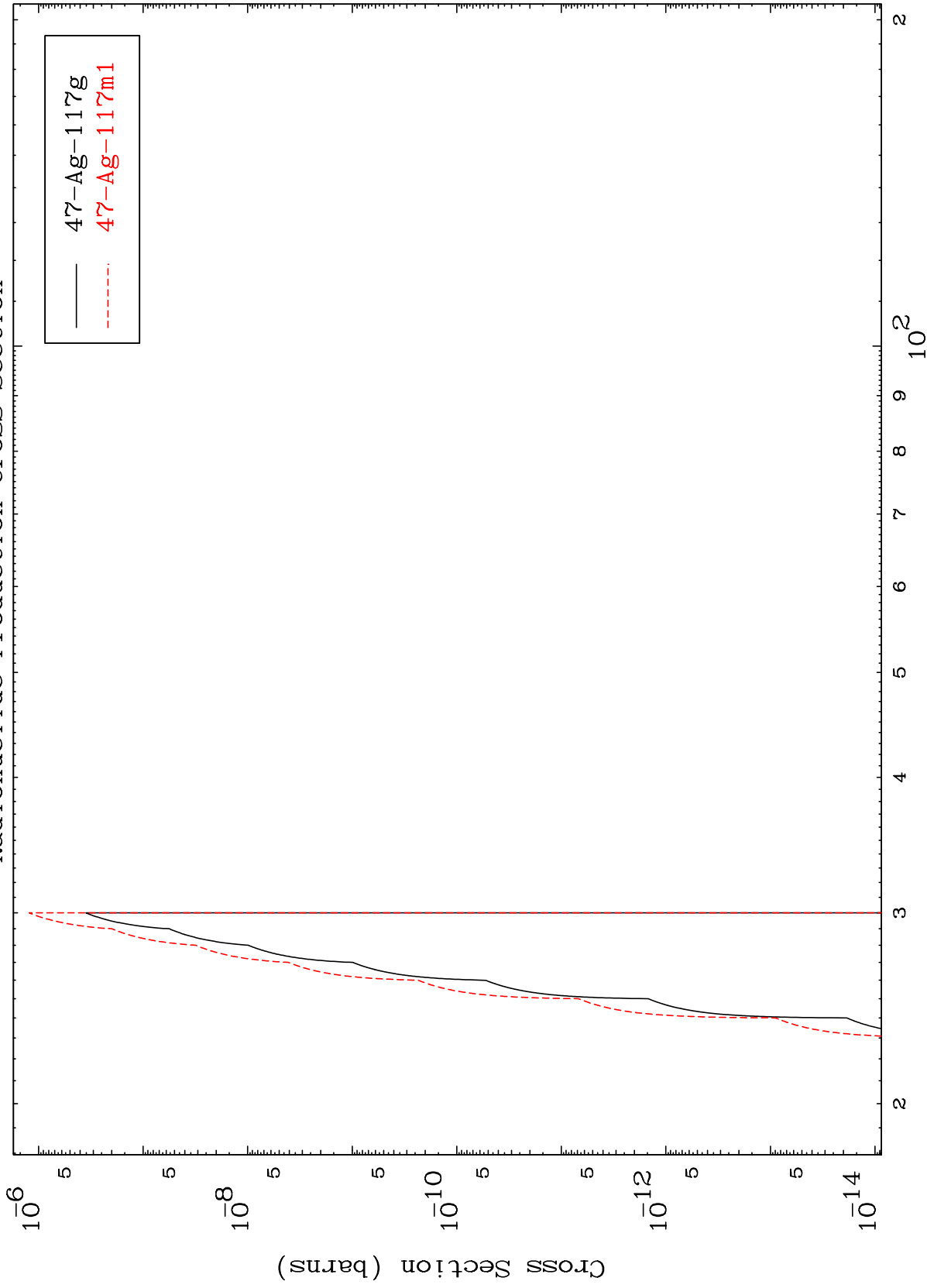
49-In-120

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(n, n') He-3

49-In-120

Radionuclide Production Cross Section



27

Incident Energy (MeV)

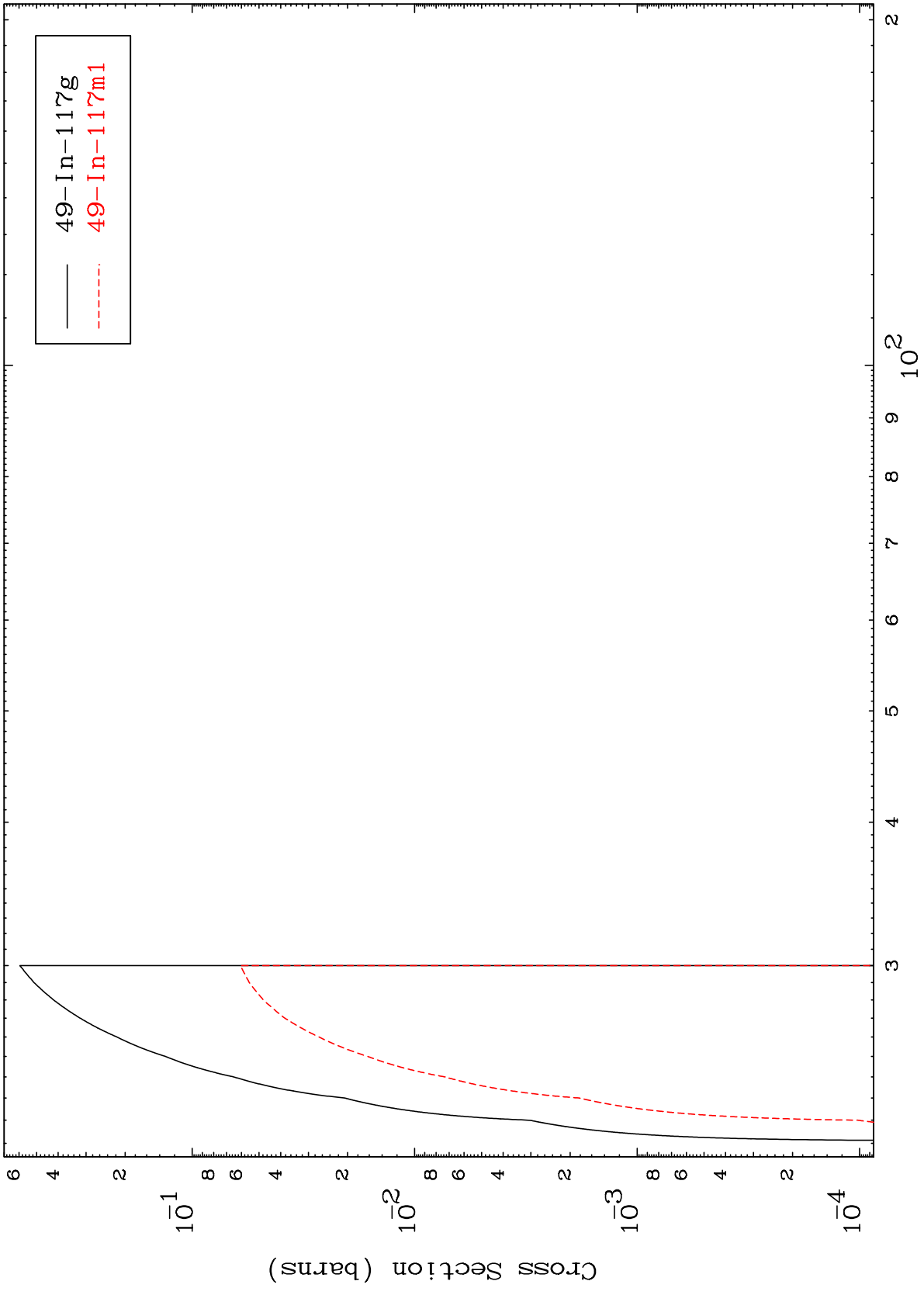
49-In-120

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(n,4n)

49-In-120

Radionuclide Production Cross Section



28

Incident Energy (MeV)

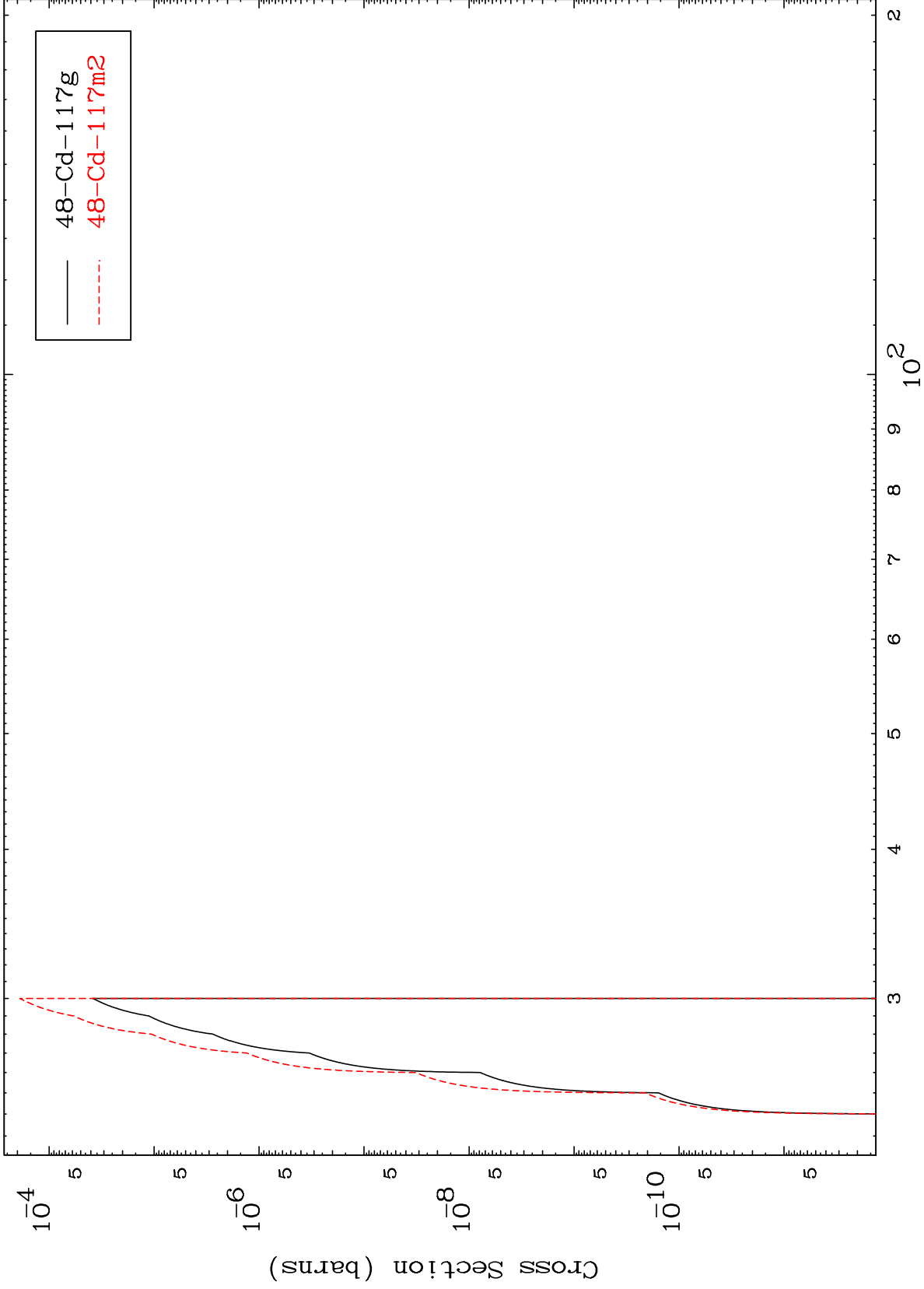
49-In-120

MAT 4947

(n,3n) p

49-In-120

Radionuclide Production Cross Section



29

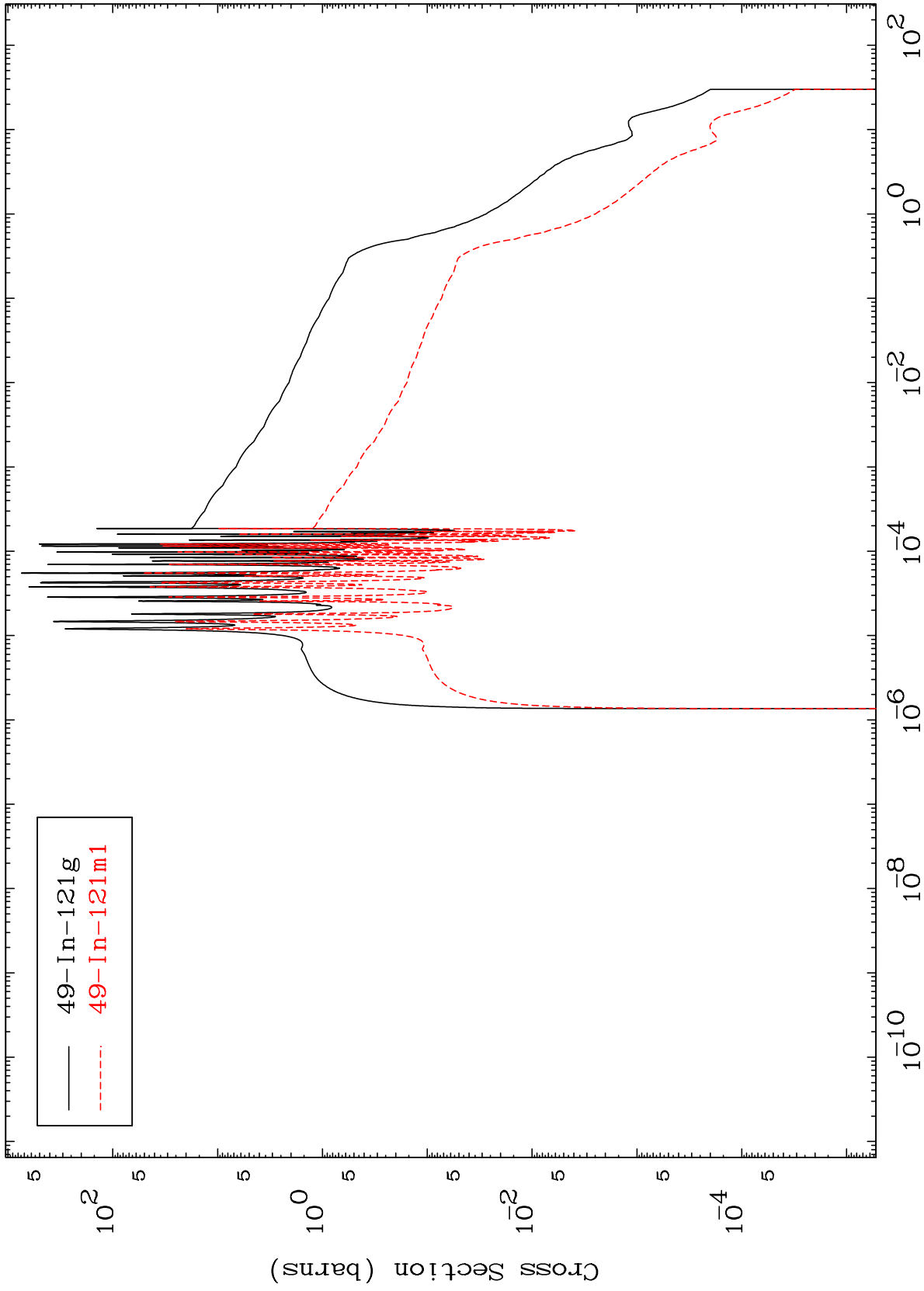
Incident Energy (MeV)

49-In-120

MAT 4947

49-In-120

Radionuclide Production Cross Section



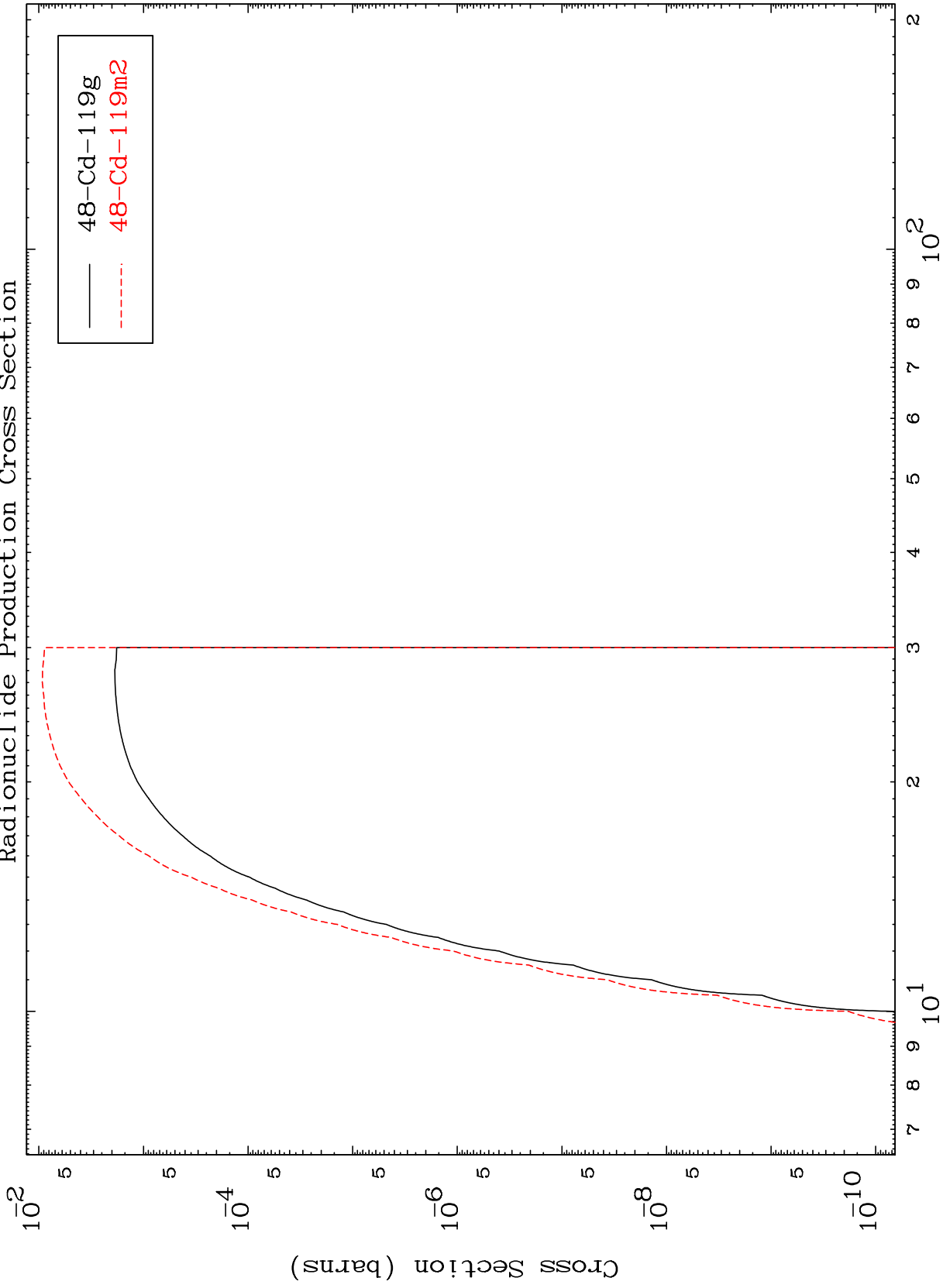
30

49-In-120

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49-In-120

(n,d)
Radionuclide Production Cross Section



31

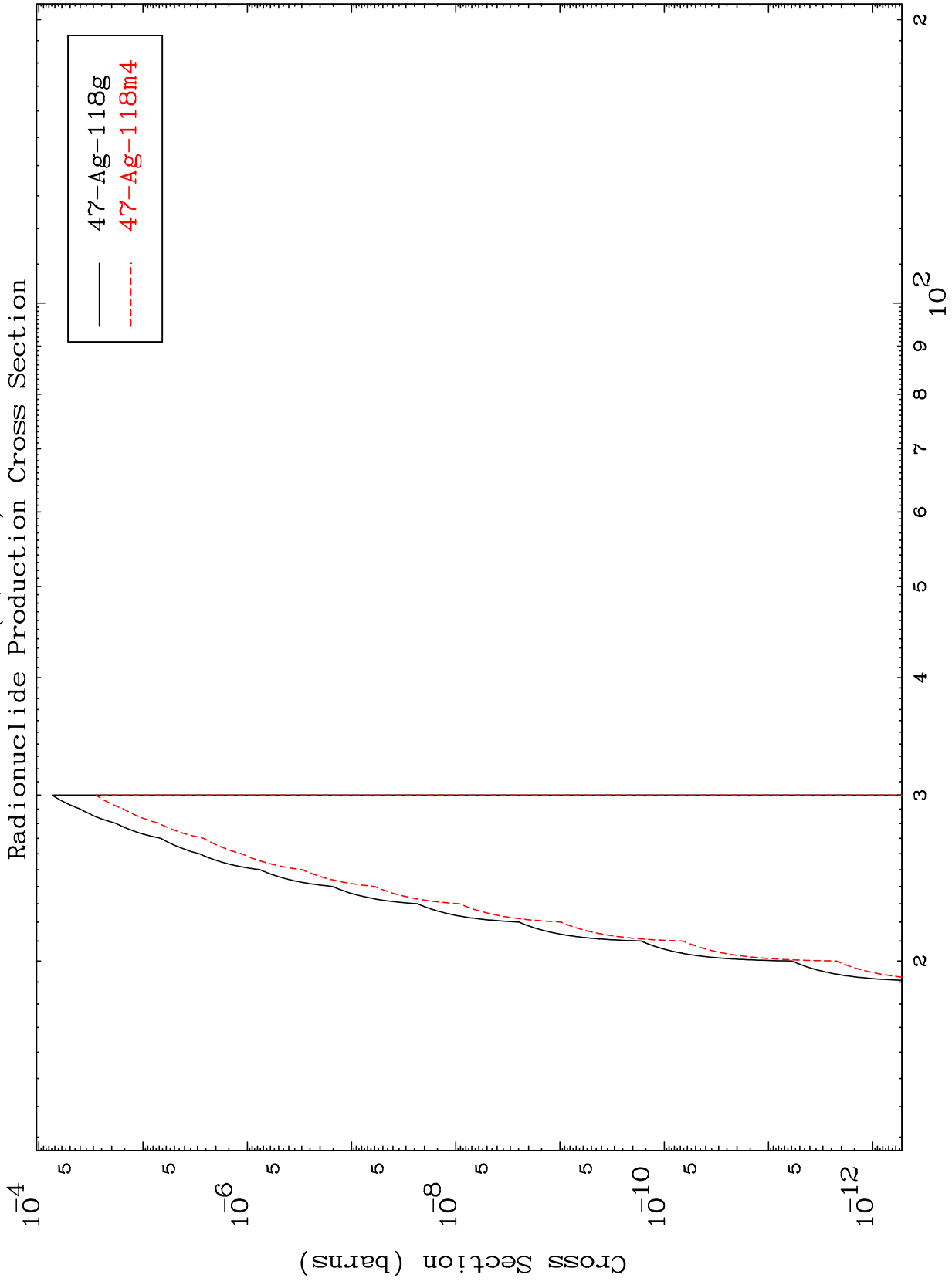
Incident Energy (MeV)

49-In-120

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(n, He-3)

49-In-120



32

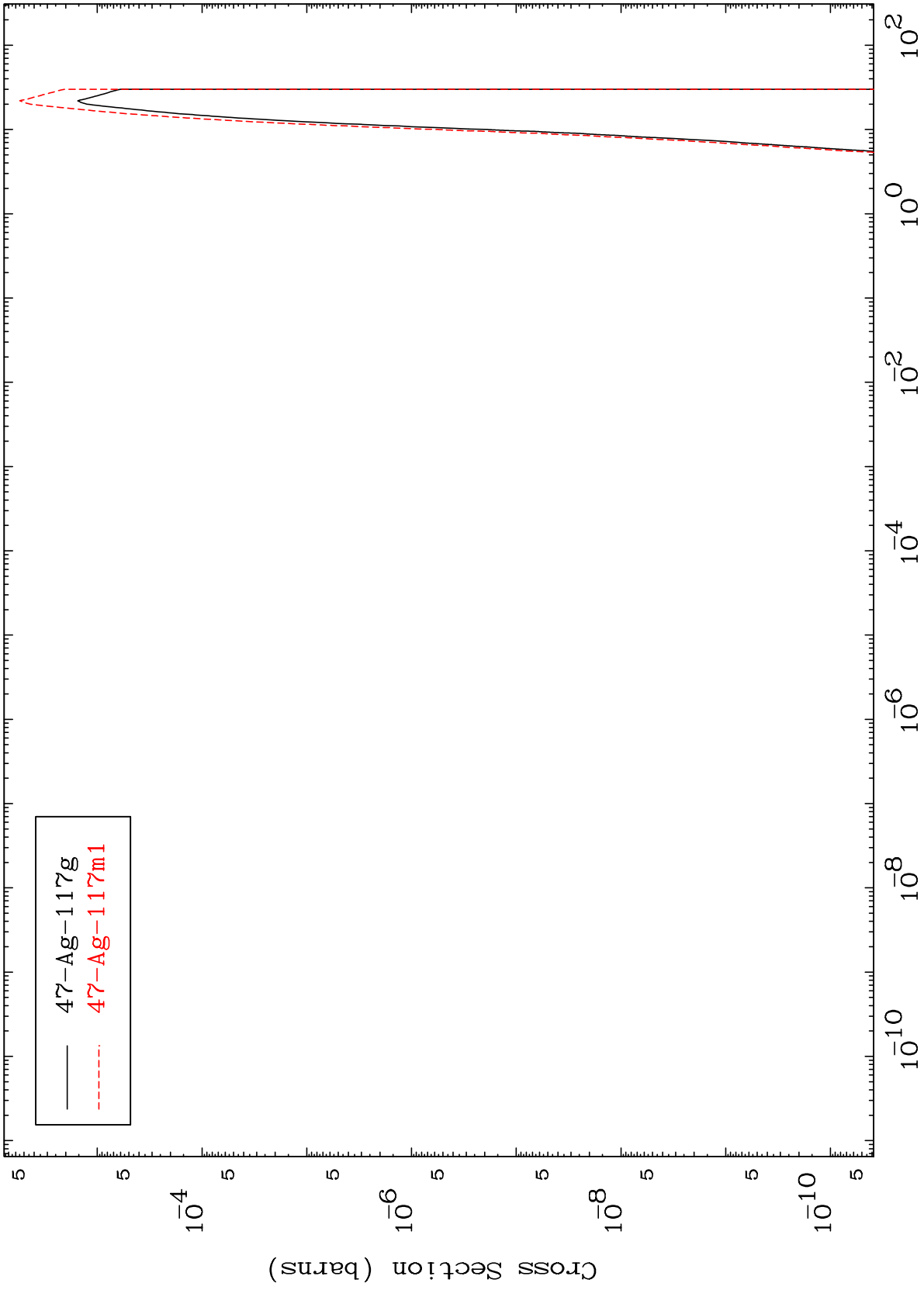
49-In-120

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(n, α)

49-In-120

Radionuclide Production Cross Section



33

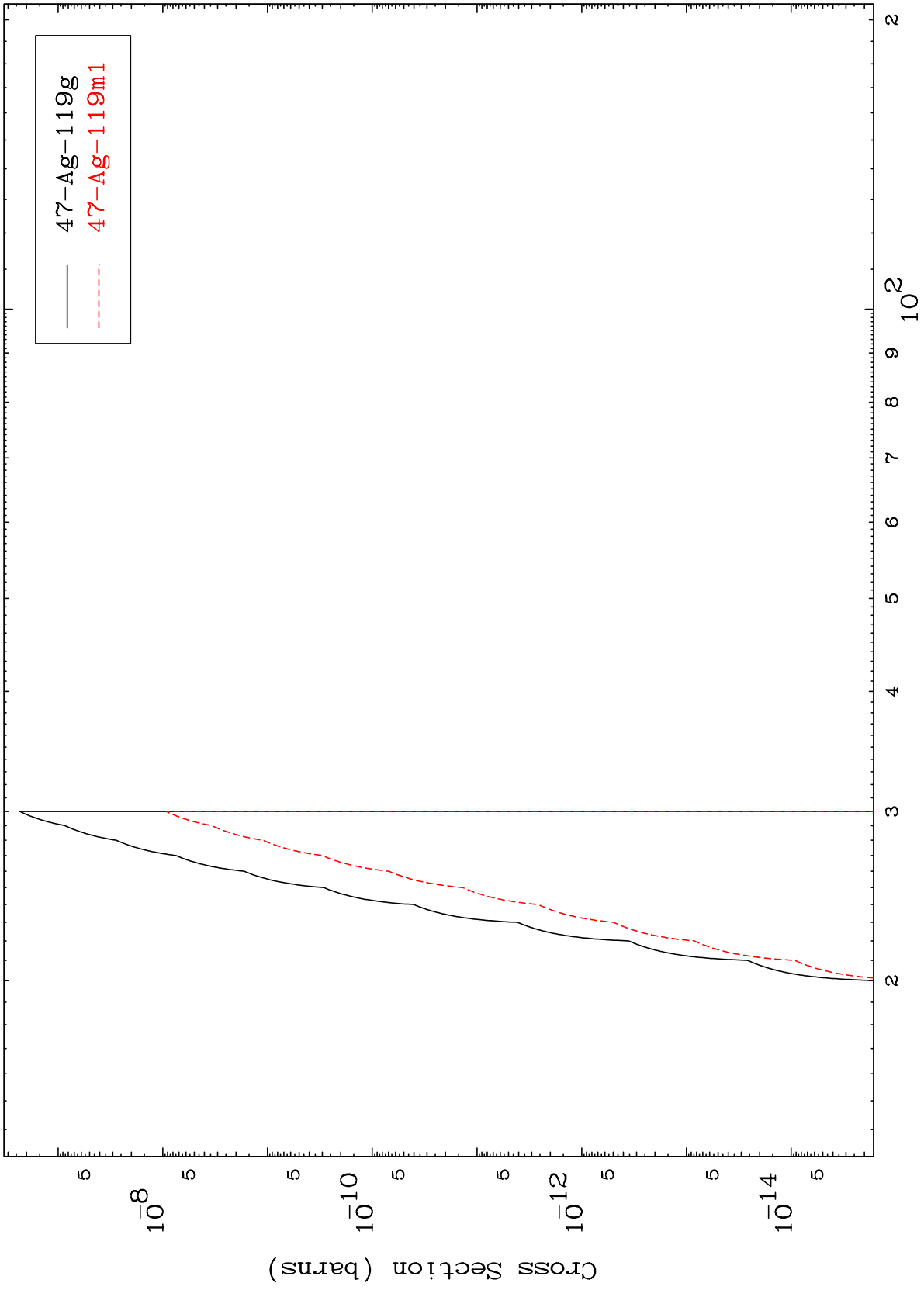
Incident Energy (MeV)

49-In-120

MAT 4947

49-In-120

(n,2p)
Radionuclide Production Cross Section



34

49-In-120