

Program EVALPLOT
(Version 2018-1)

by

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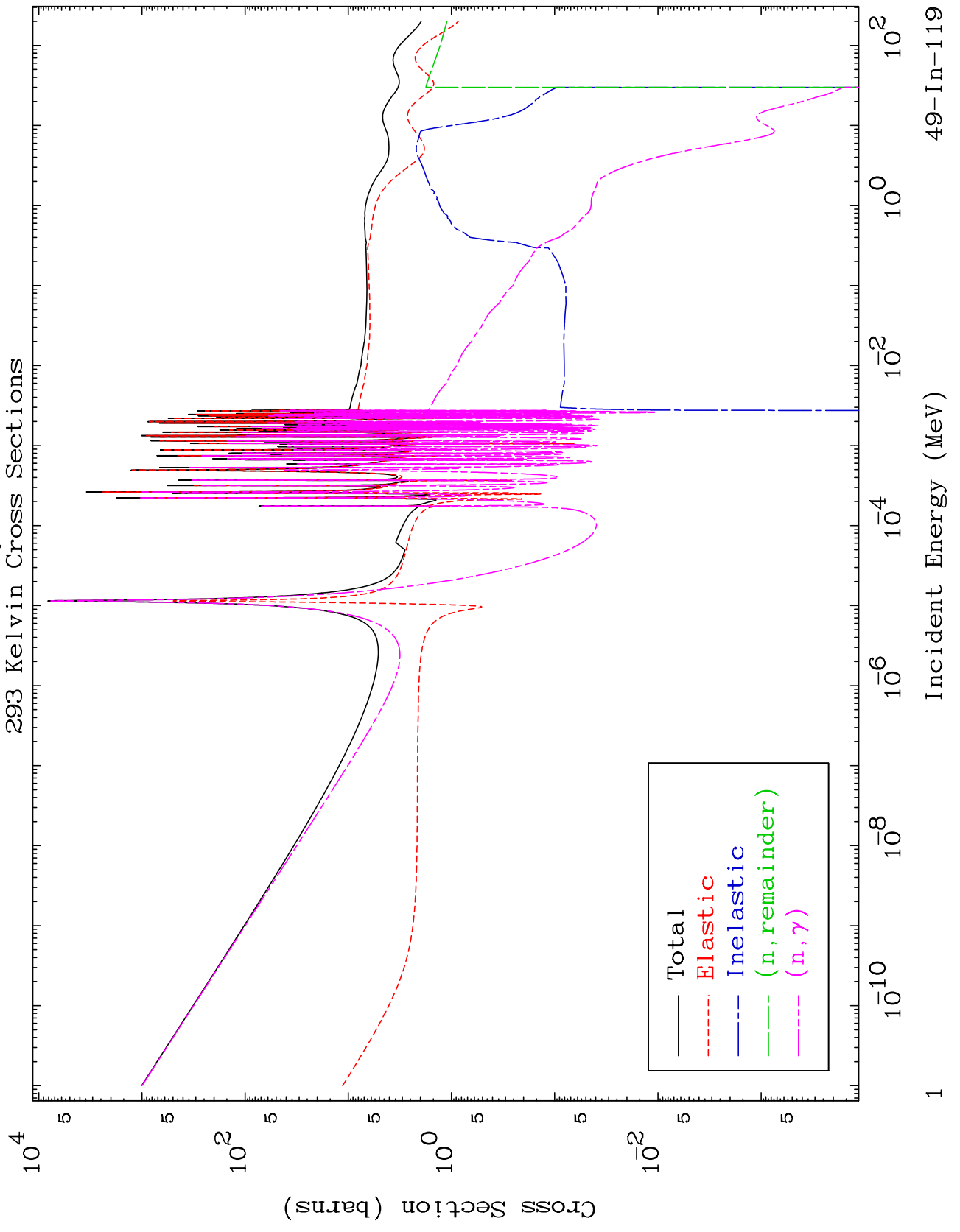
Press Mouse Button to Start

MAT 4944

Major

293 Kelvin Cross Sections

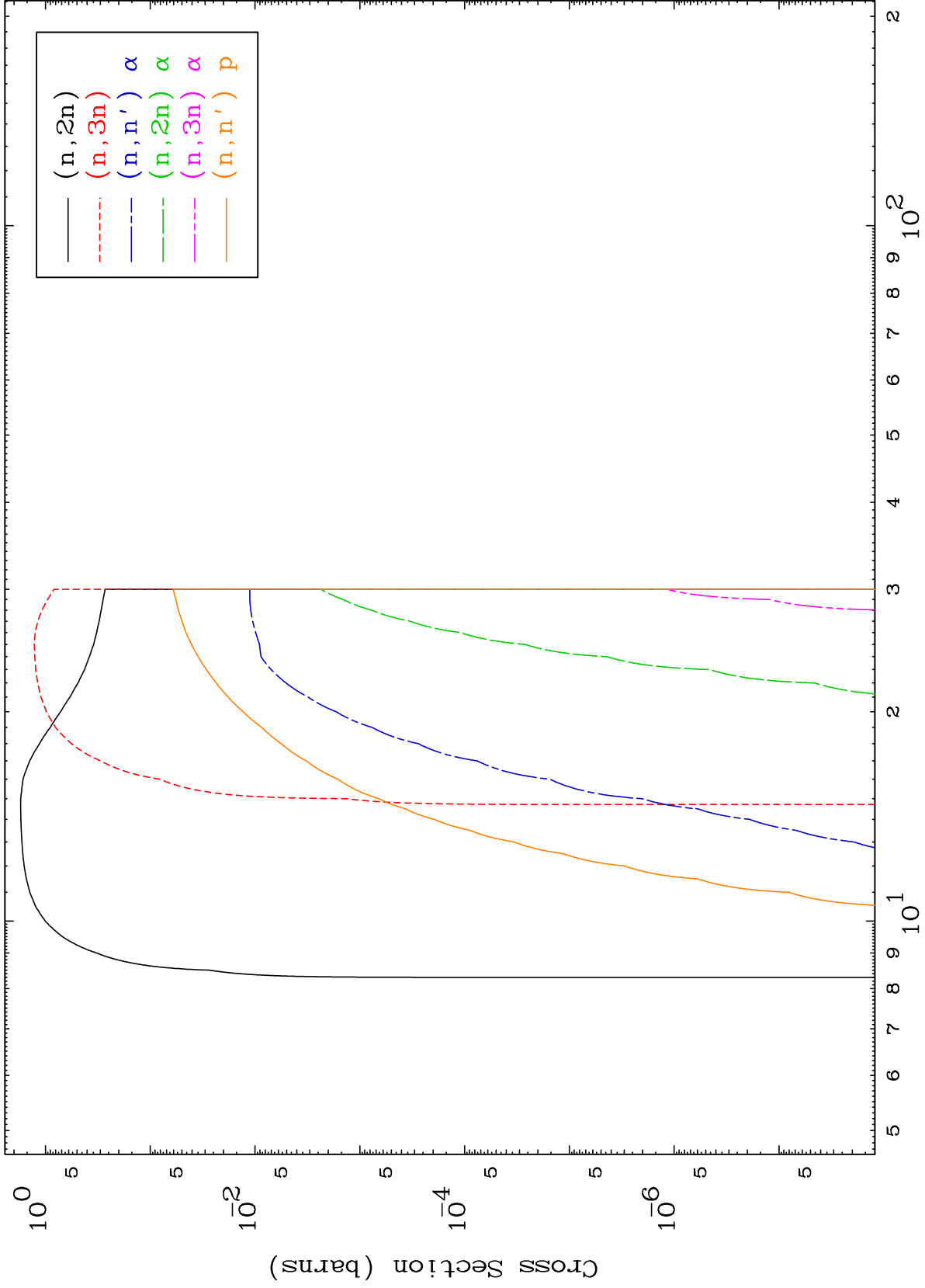
49-In-119



MAT 4944

Neutron Production
293 Kelvin Cross Sections

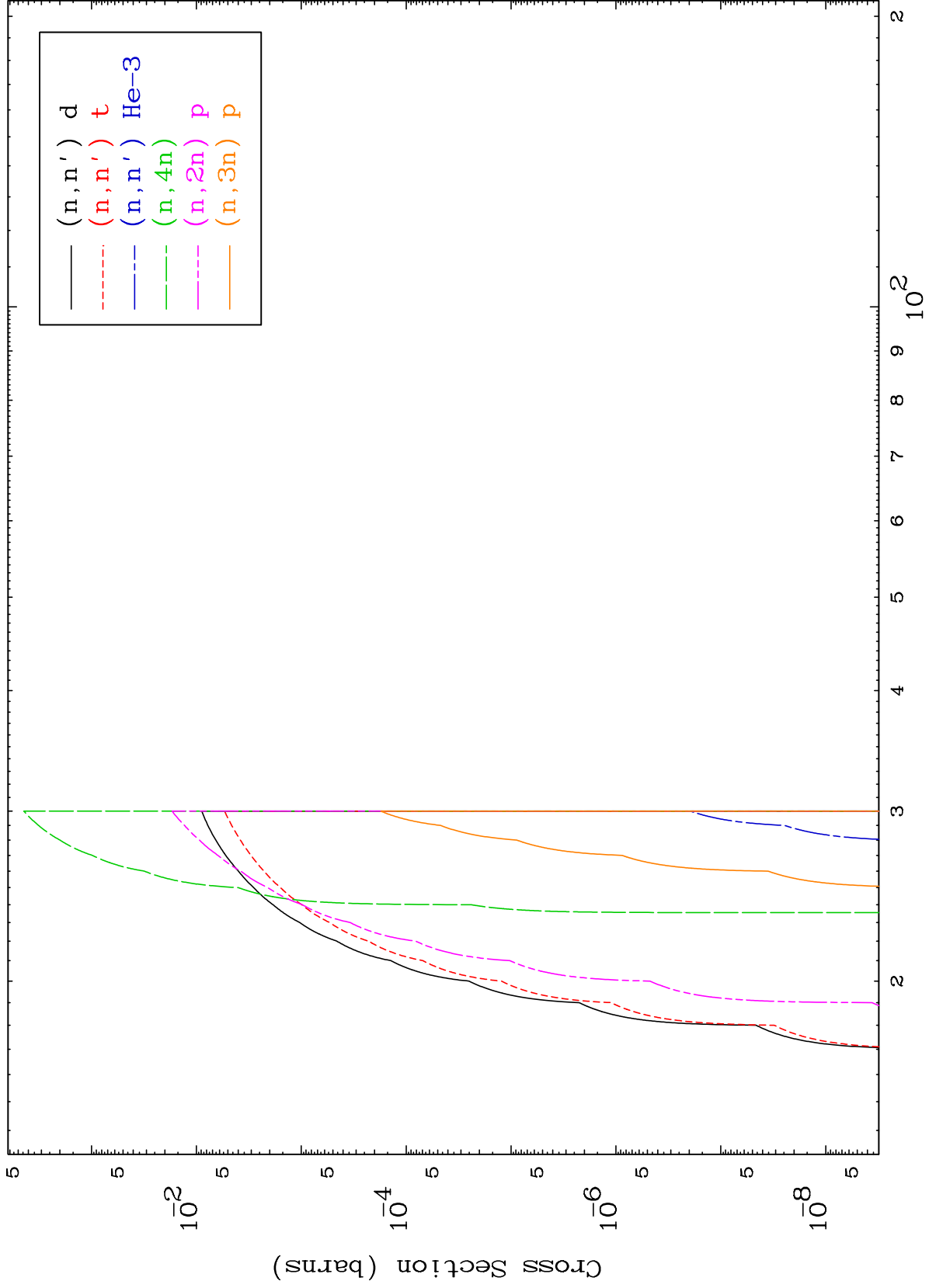
49-In-119

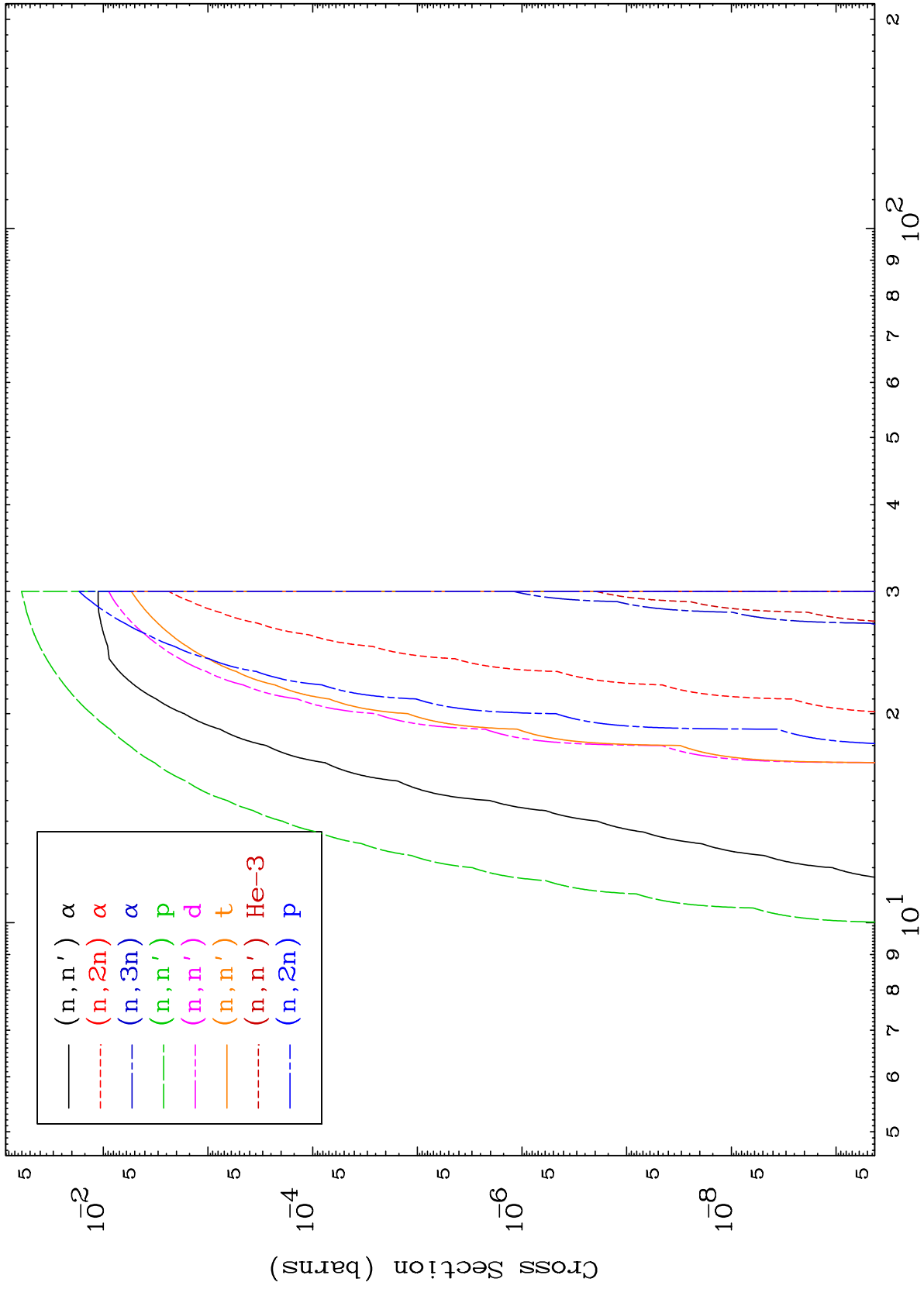


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Incident Energy (MeV)

49-In-119

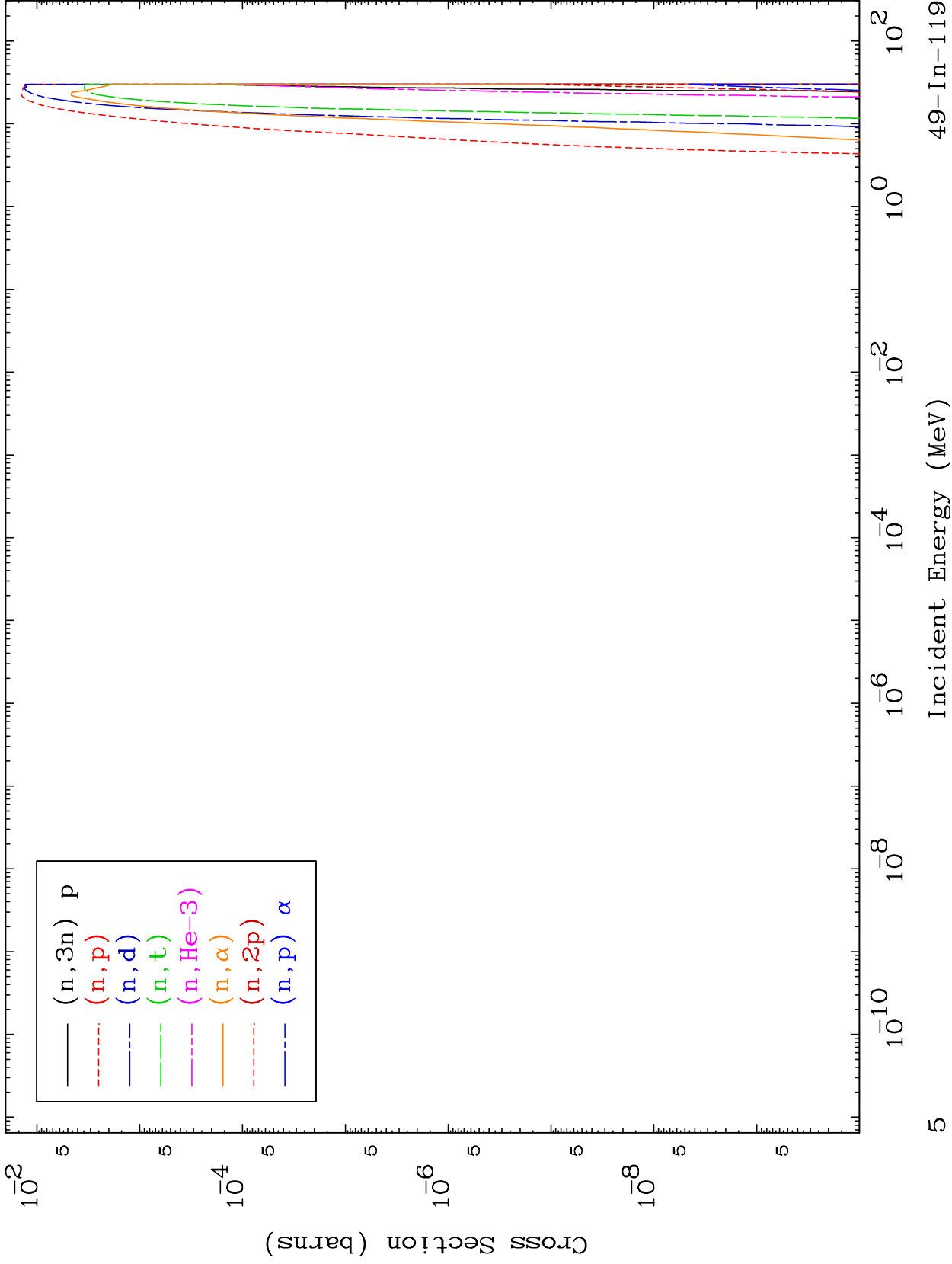




MAT 4944

Charged Particle
293 Kelvin Cross Sections

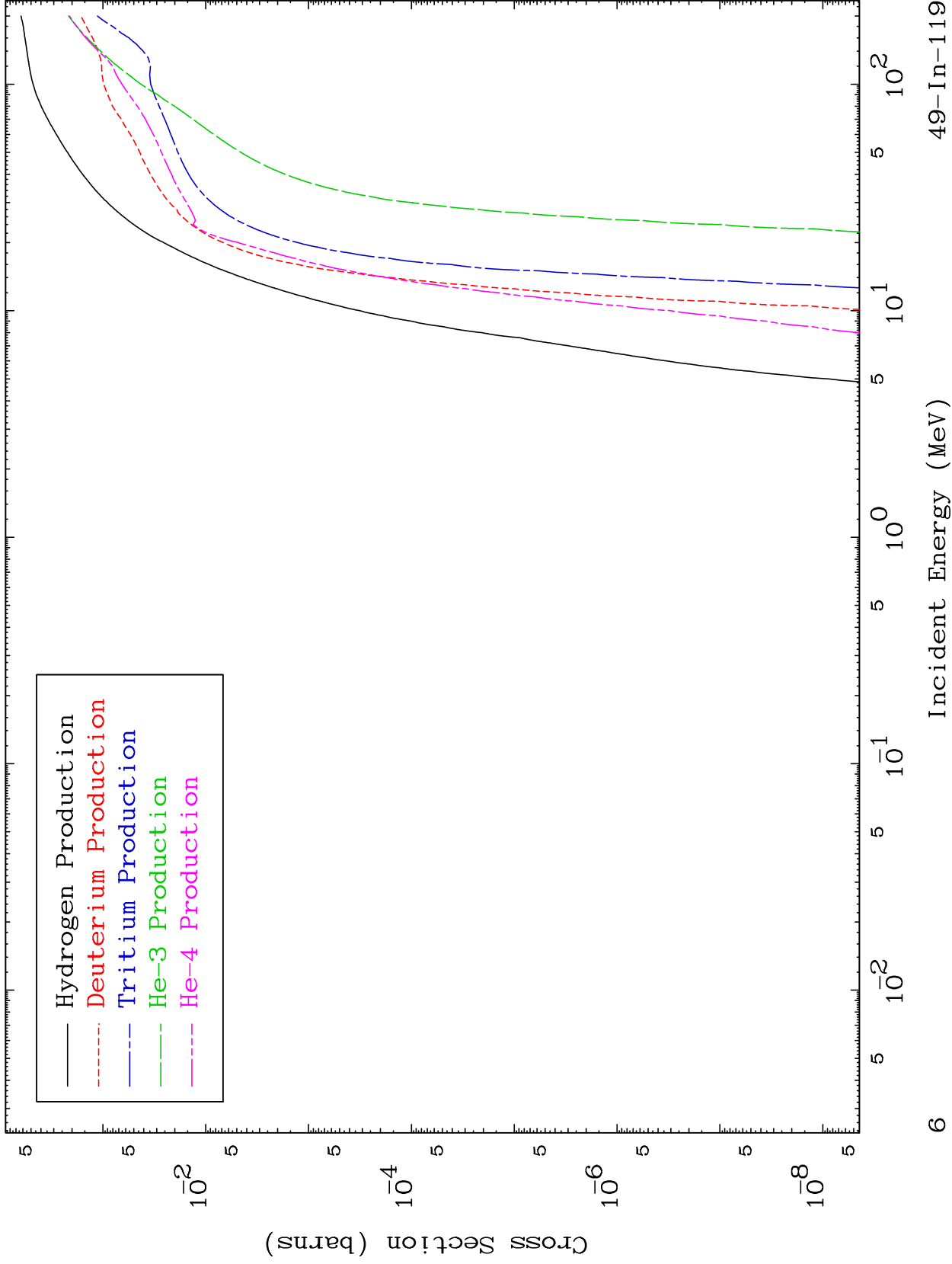
49-In-119



MAT 4944

Particle Production
293 Kelvin Cross Sections

49-In-119

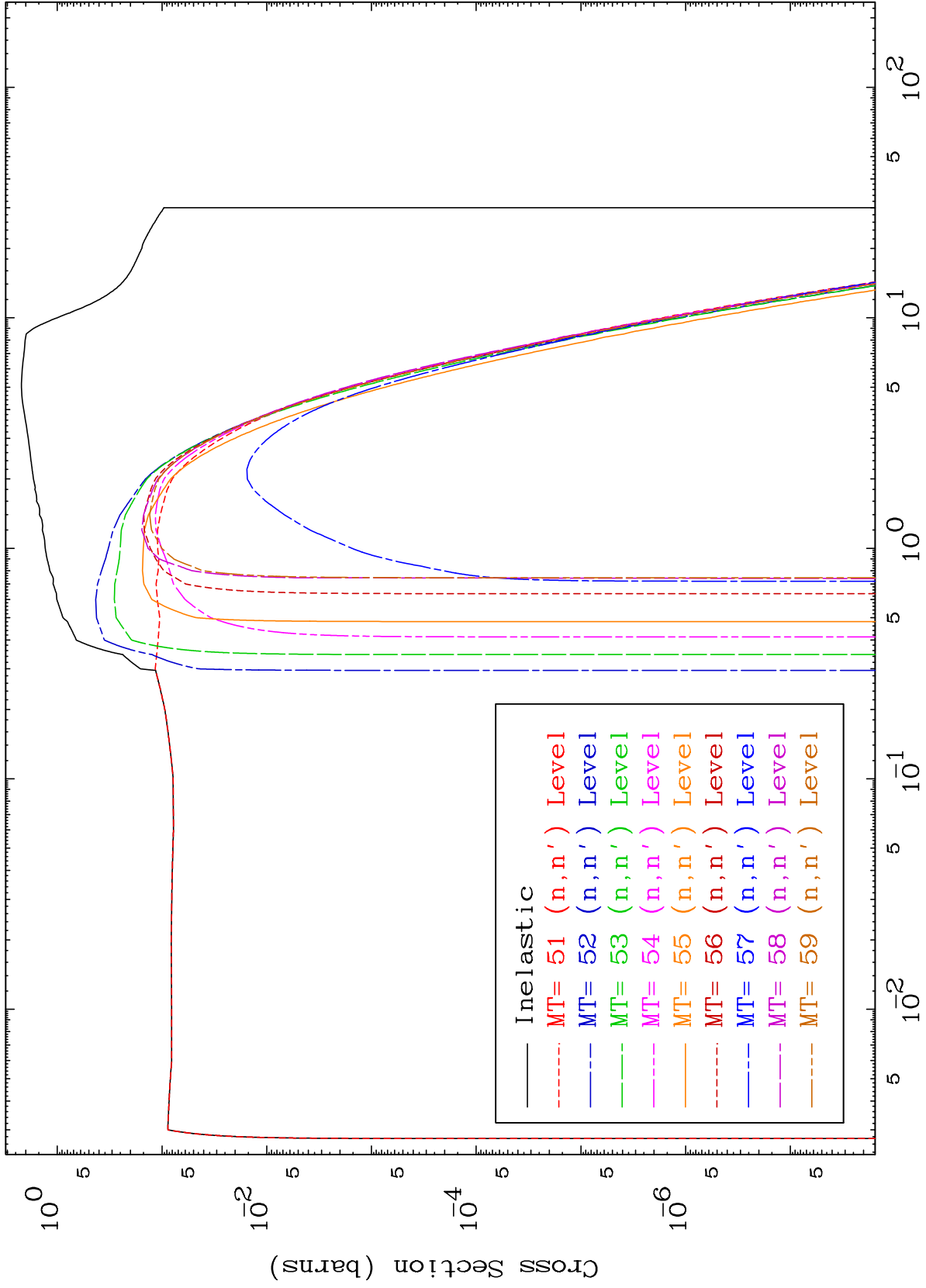


MAT 4944

(n,n') Level

49-In-119

293 Kelvin Cross Sections

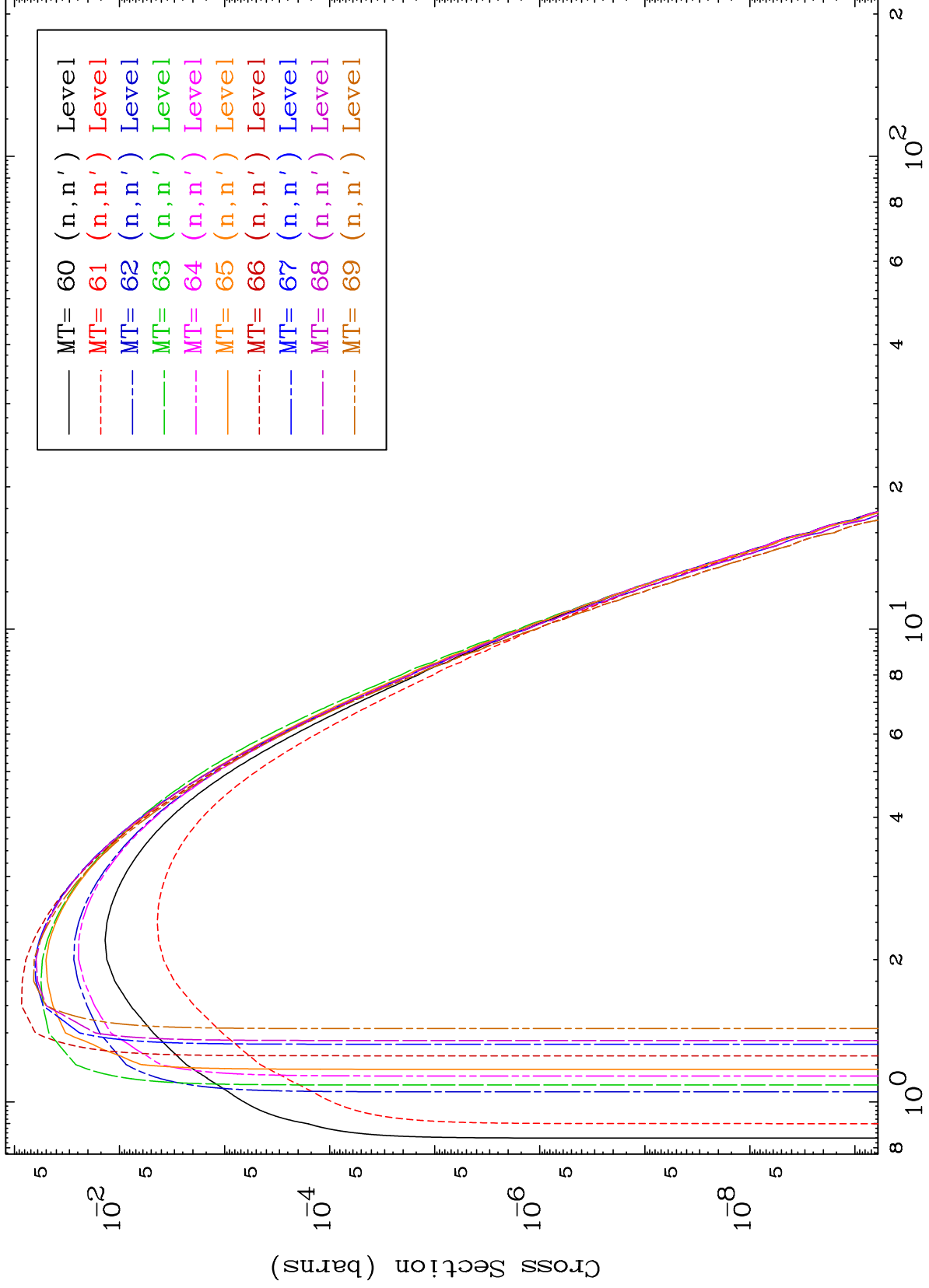


MAT 4944

(n,n') Level

49-In-119

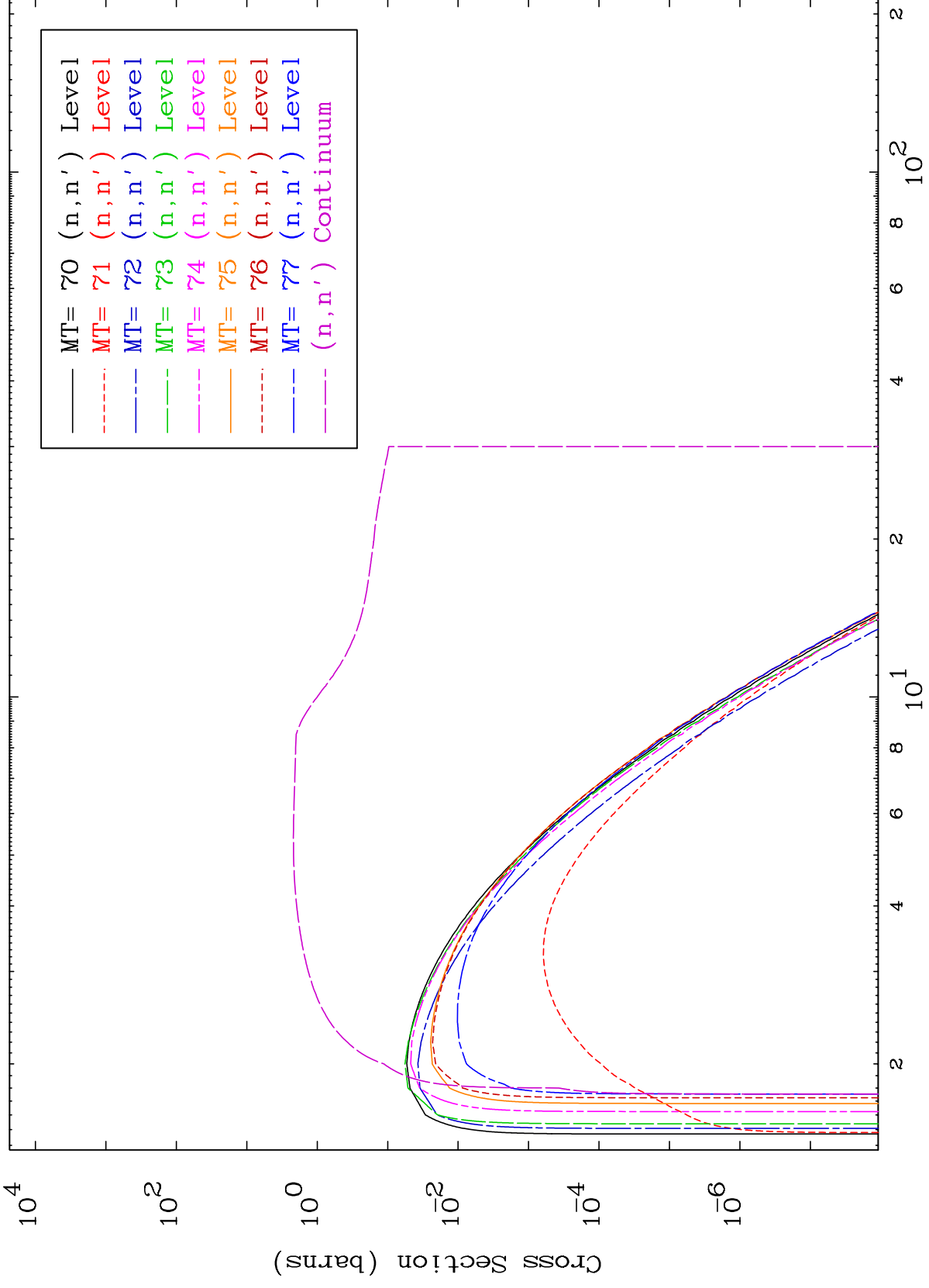
293 Kelvin Cross Sections



Incident Energy (MeV)

49-In-119

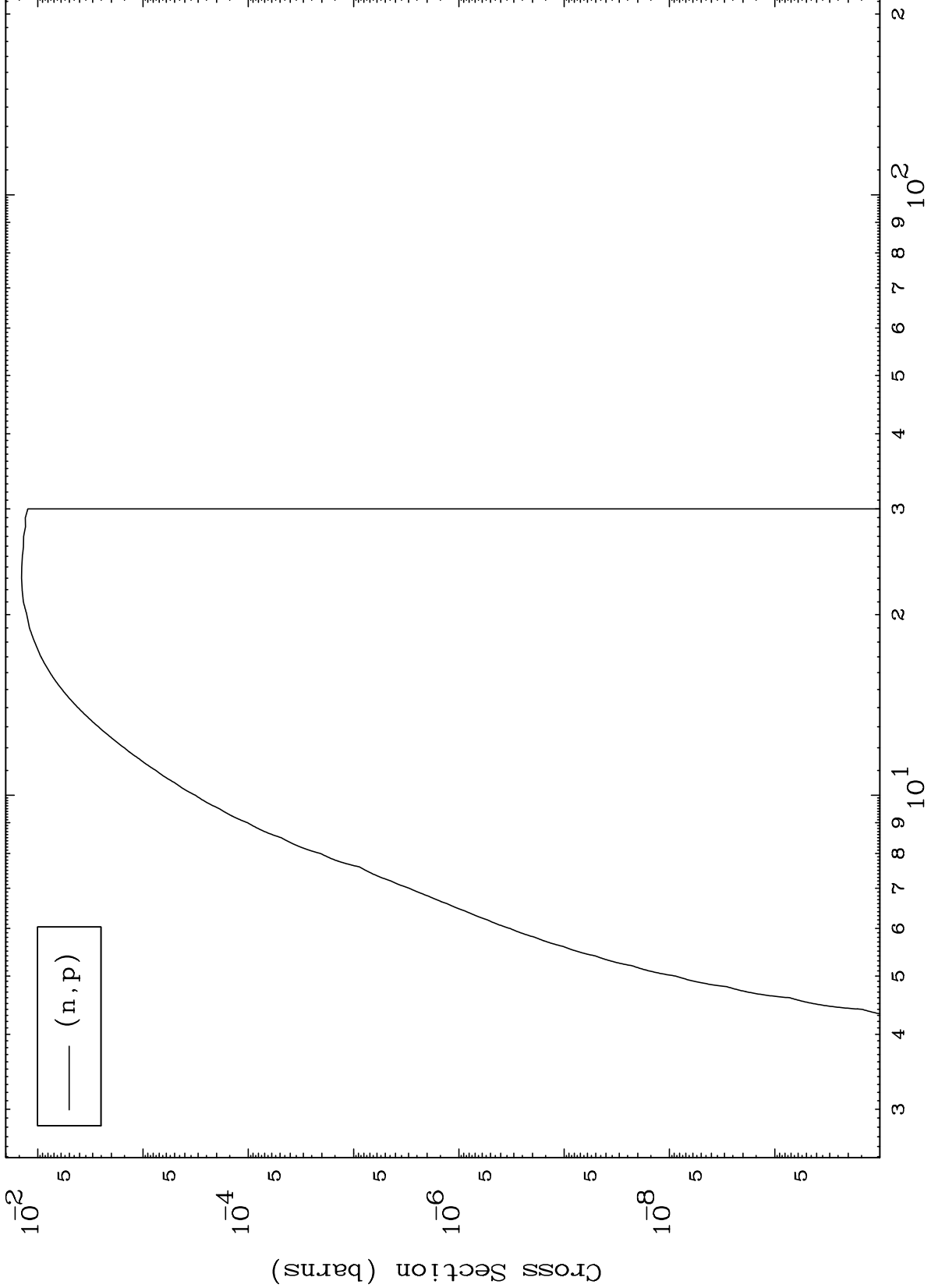
293 Kelvin Cross Sections



MAT 4944

(n,p) Levels
293 Kelvin Cross Sections

49-In-119



(n,p)

10

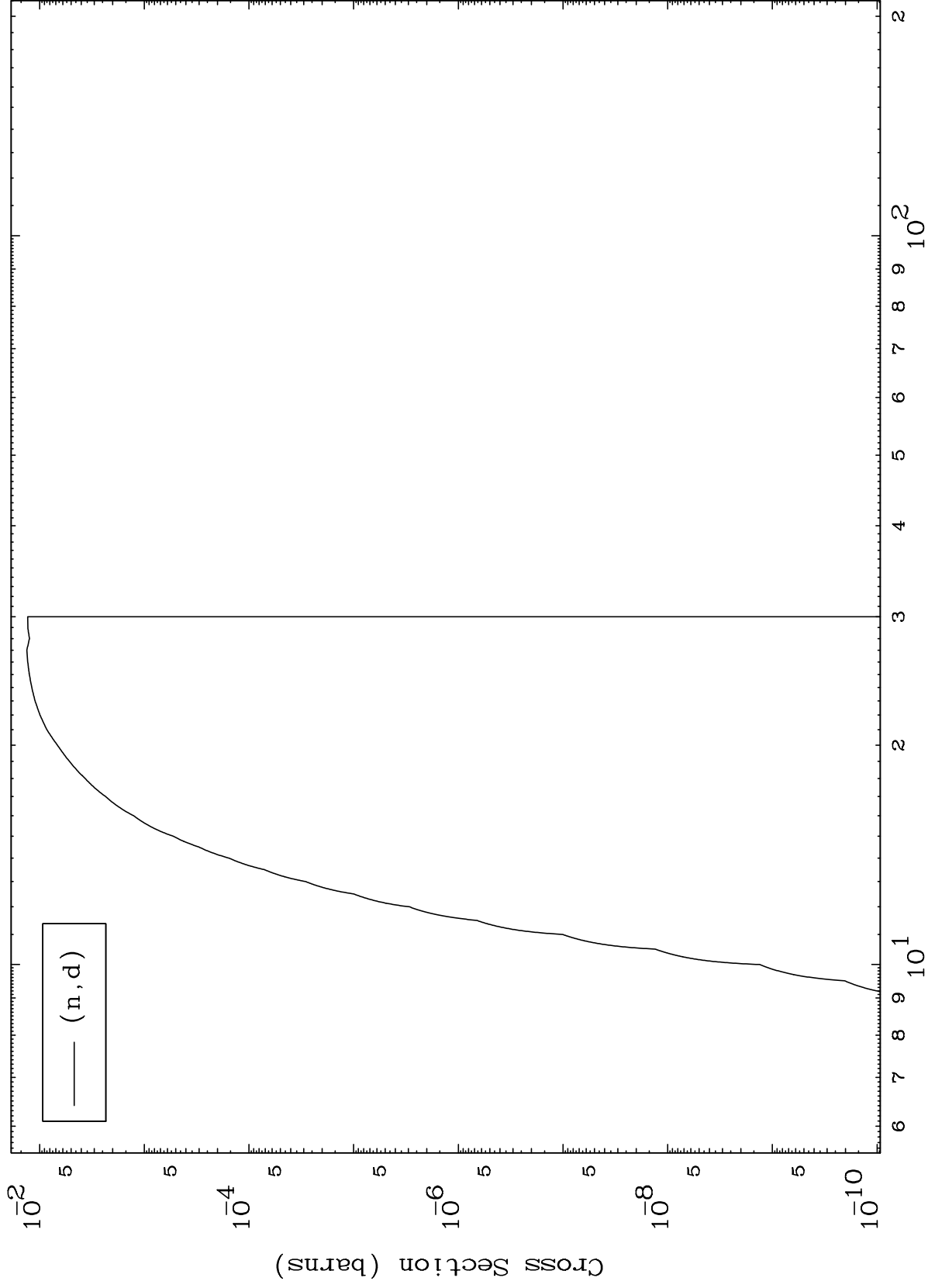
Incident Energy (MeV)

49-In-119

MAT 4944

(n,d) Levels
293 Kelvin Cross Sections

49-In-119



11

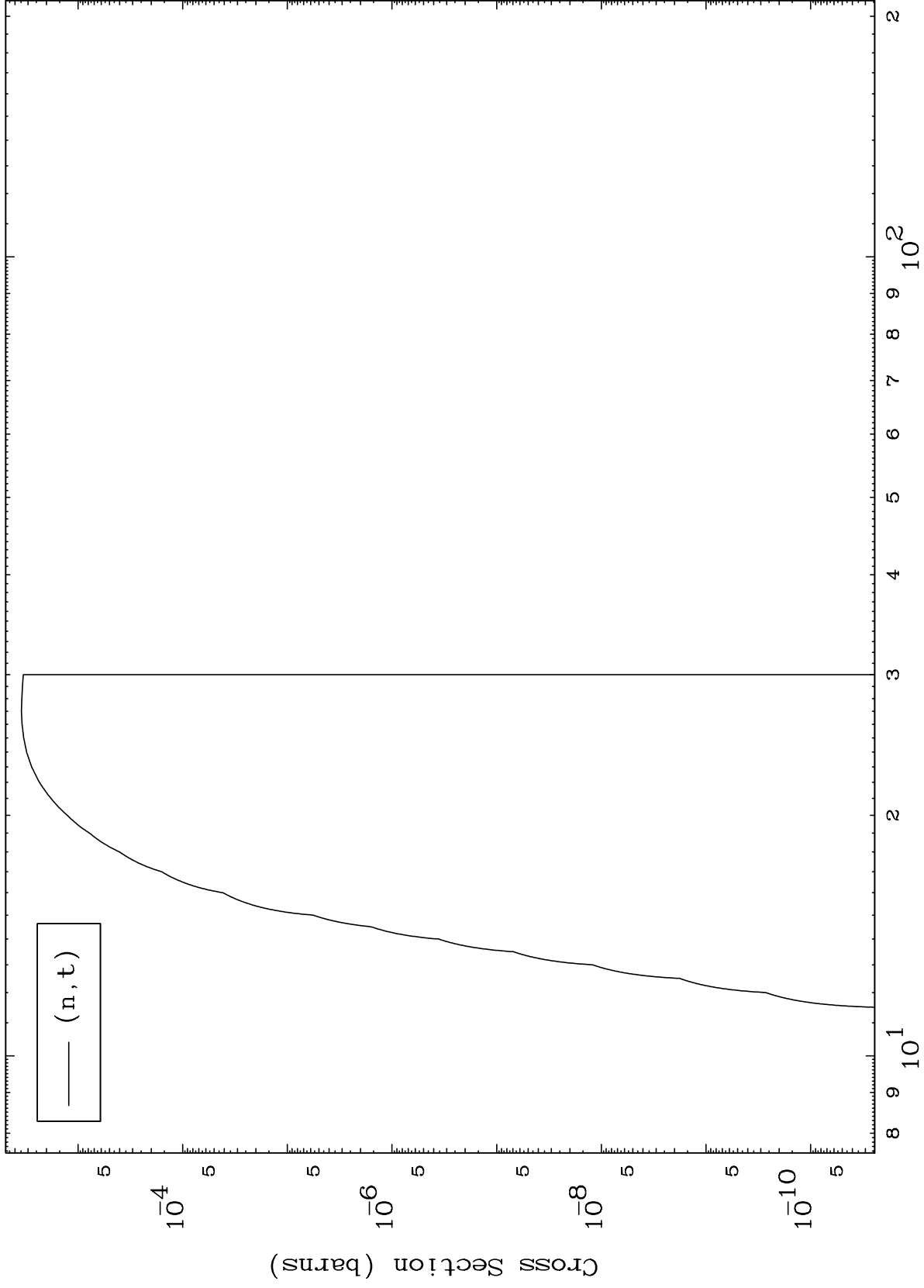
Incident Energy (MeV)

49-In-119

MAT 4944

(n,t) Levels
293 Kelvin Cross Sections

49-In-119



12

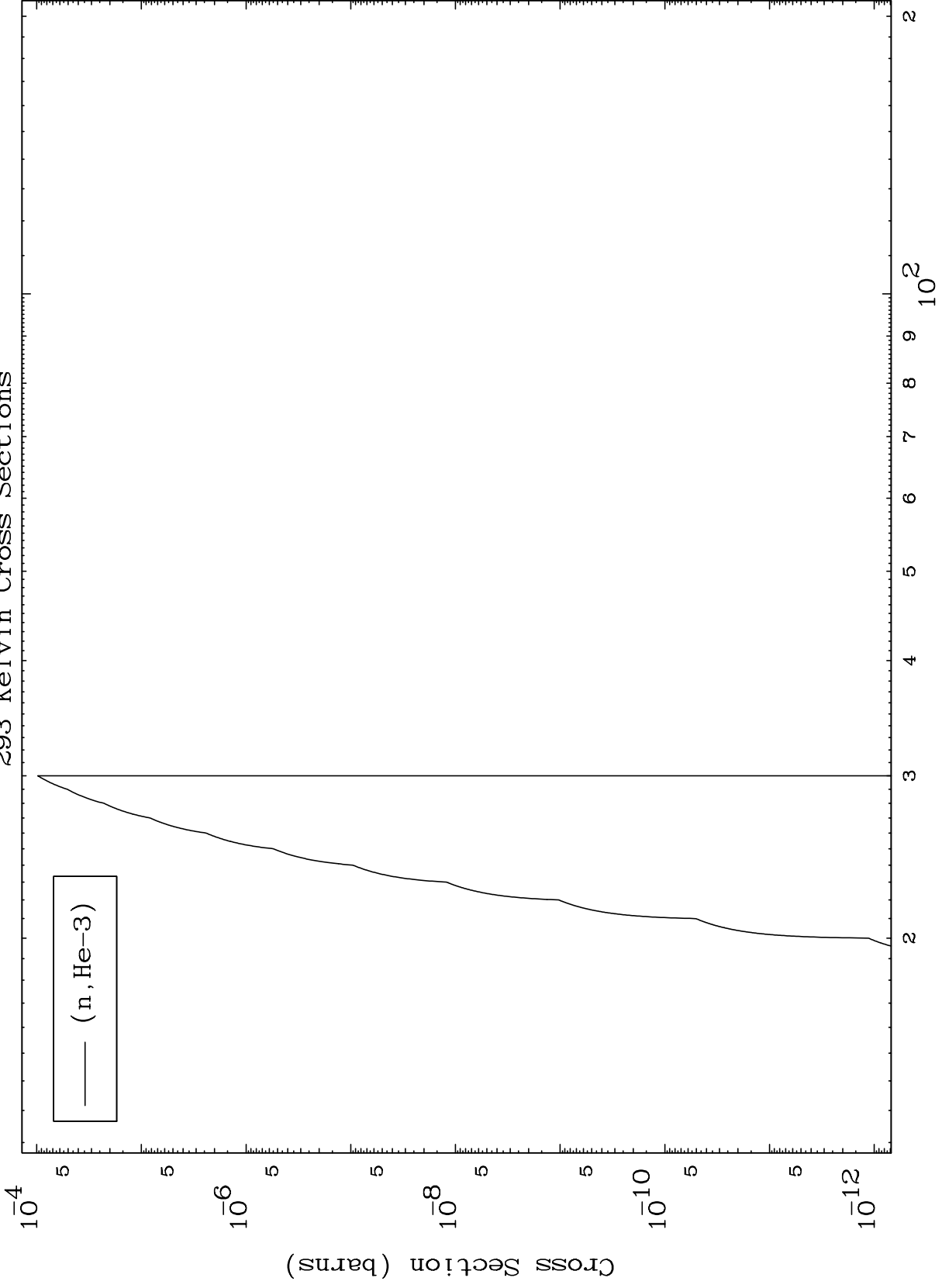
Incident Energy (MeV)

49-In-119

MAT 4944

(n,He3) Levels
293 Kelvin Cross Sections

49-In-119



13

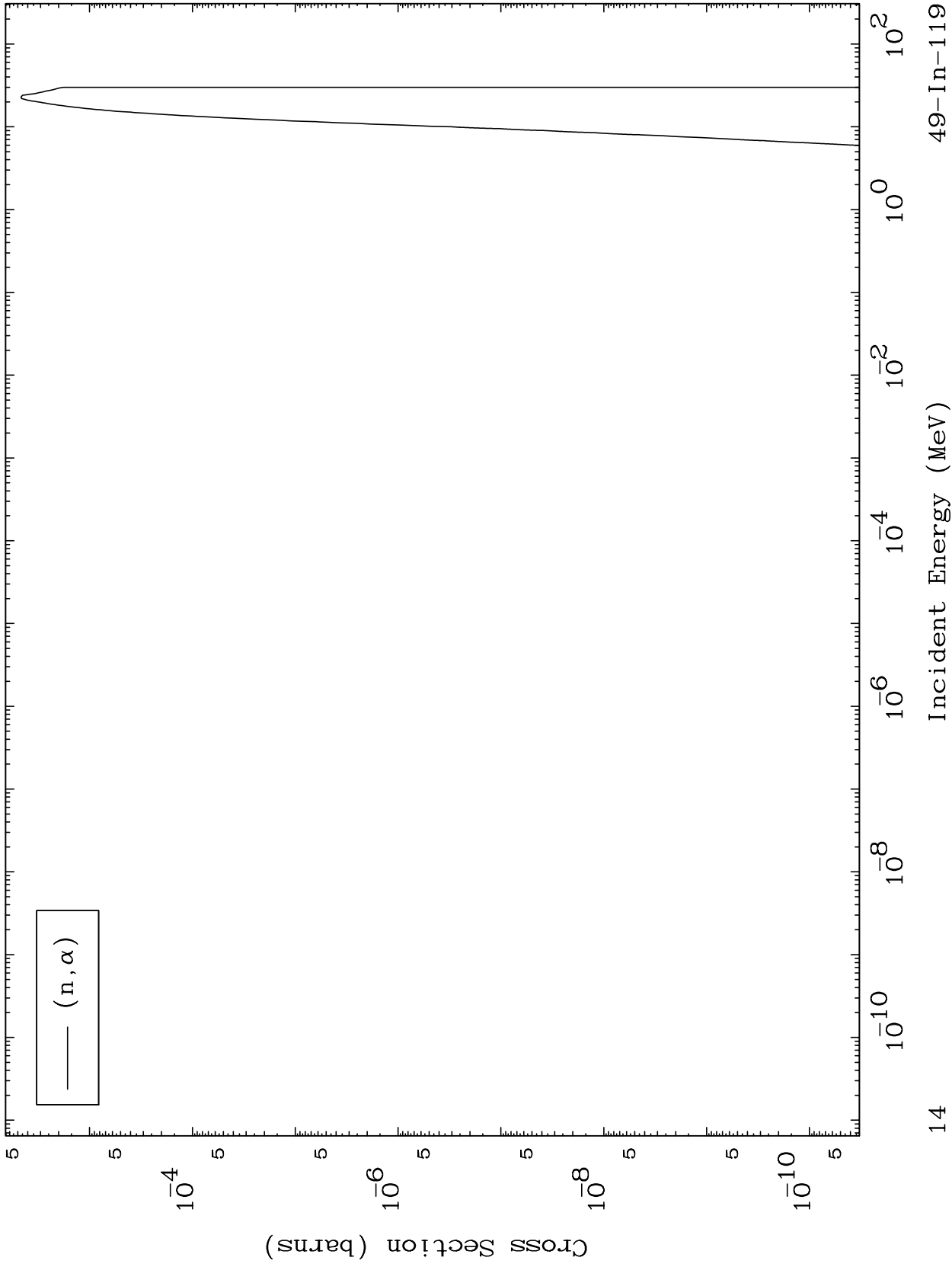
Incident Energy (MeV)

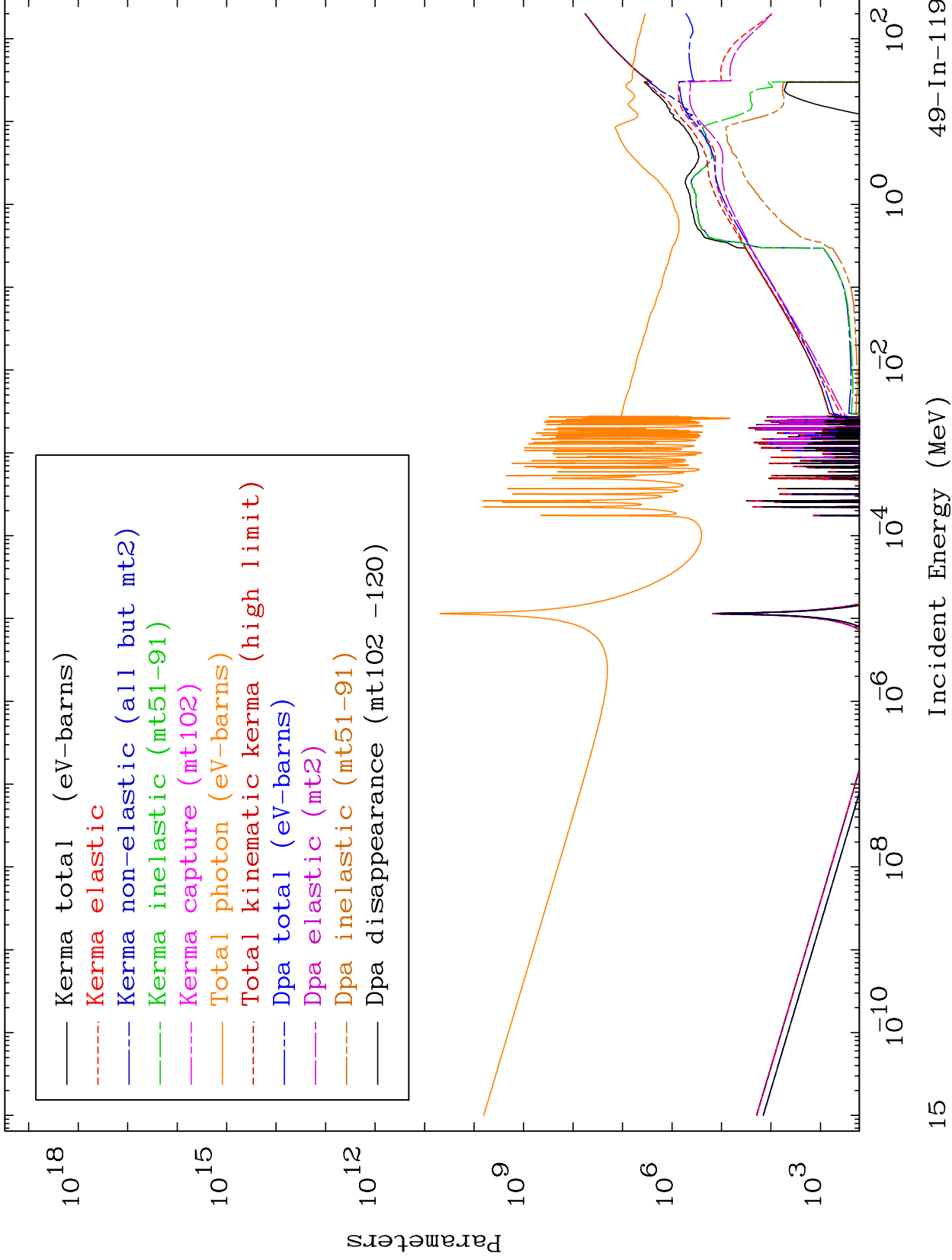
49-In-119

MAT 4944

(n, α) Levels
293 Kelvin Cross Sections

49-In-119

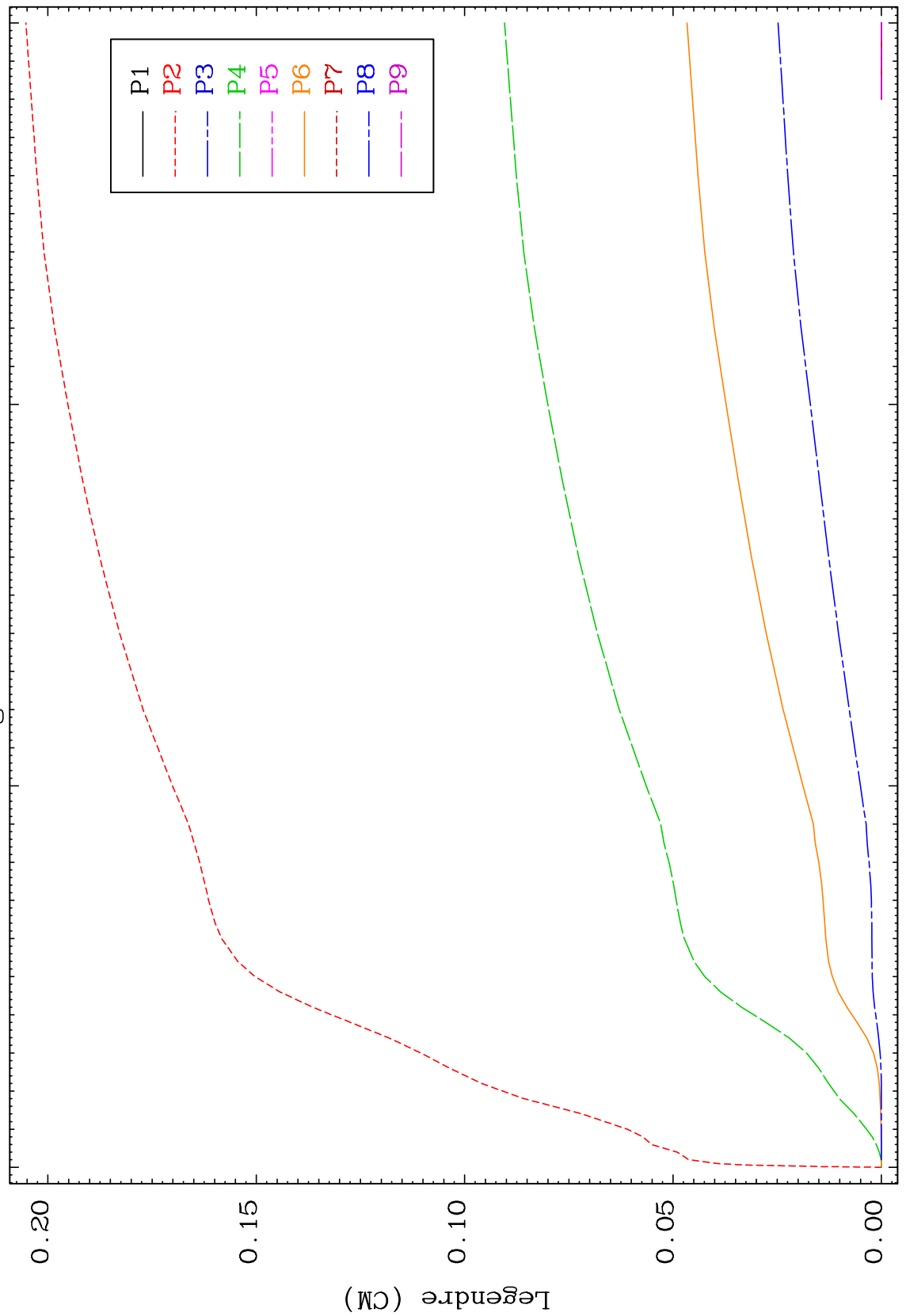




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Elastic Legendre Coefficients

49-In-119



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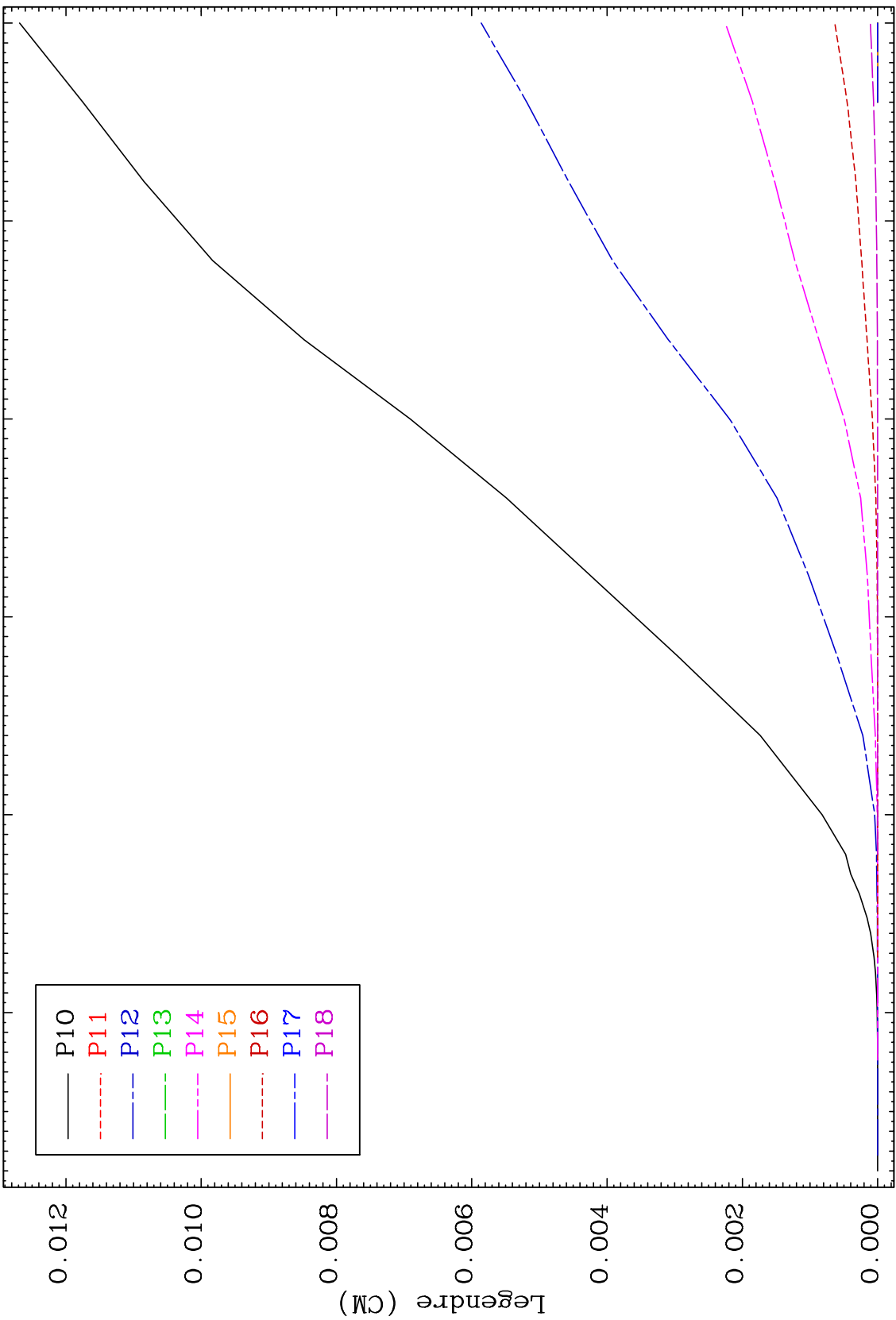
Incident Energy (MeV)

49-In-119

MAT 4944

Elastic Legendre Coefficients

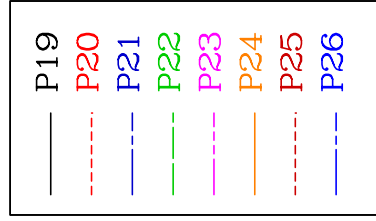
49-In-119



MAT 4944

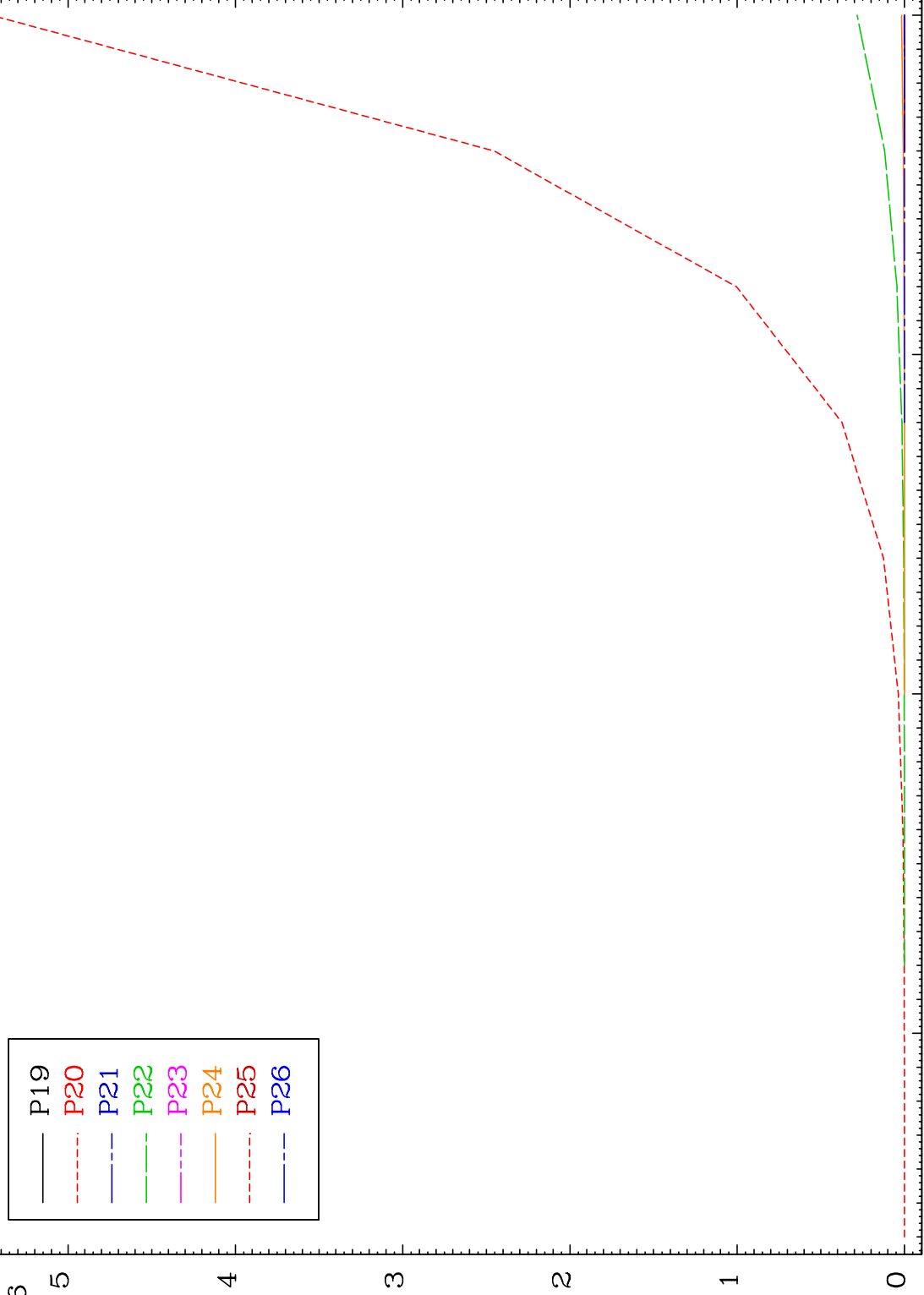
Elastic
Legendre Coefficients

49-In-119



$\times 10^{-6}$

Legendre (CM)



18

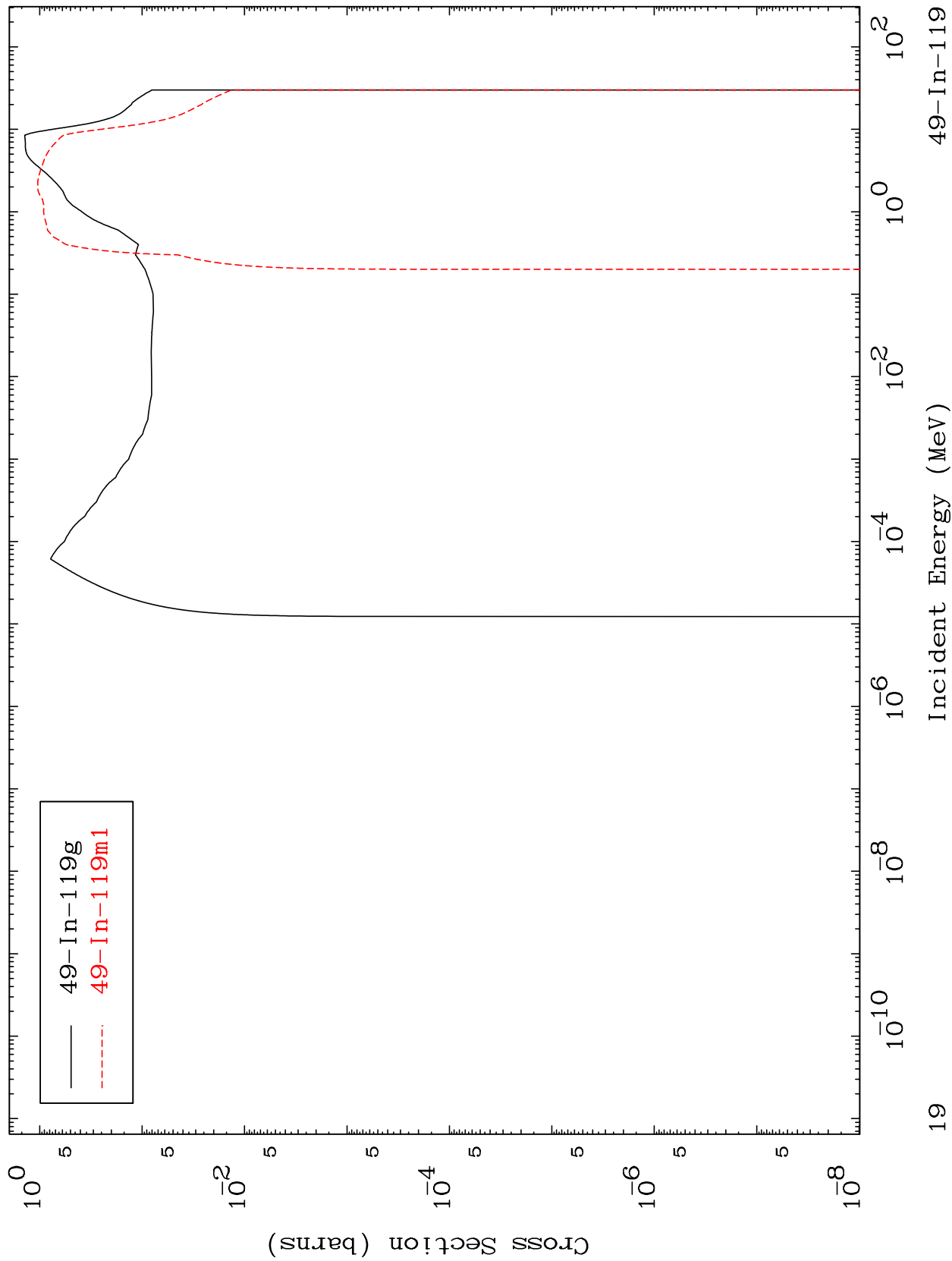
Incident Energy (MeV)

49-In-119

MAT 4944

49-In-119

Inelastic
Radionuclide Production Cross Section

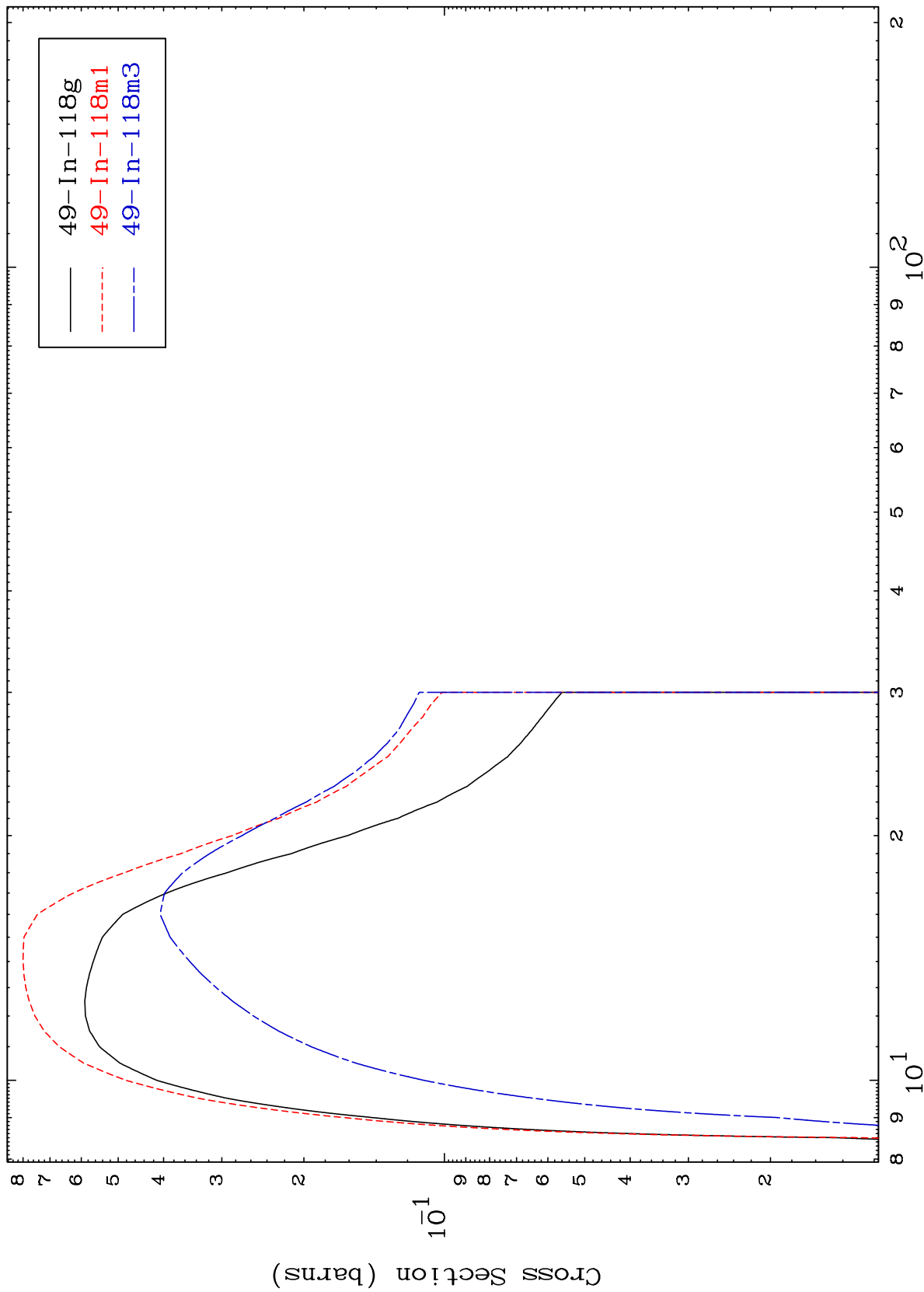


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49-In-119

(n,2n)

Radionuclide Production Cross Section



49-In-119

Incident Energy (MeV)

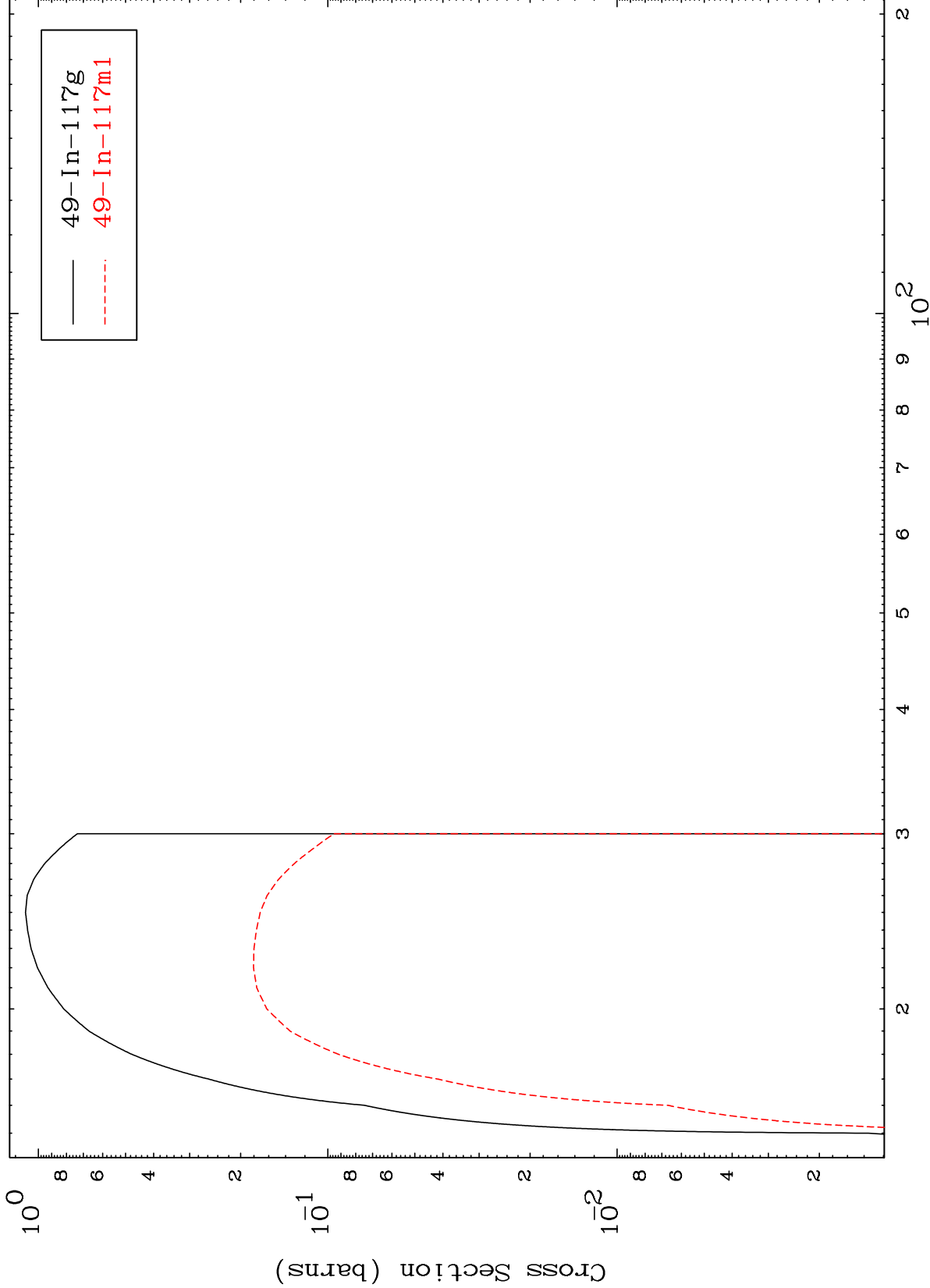
20

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(n,3n)

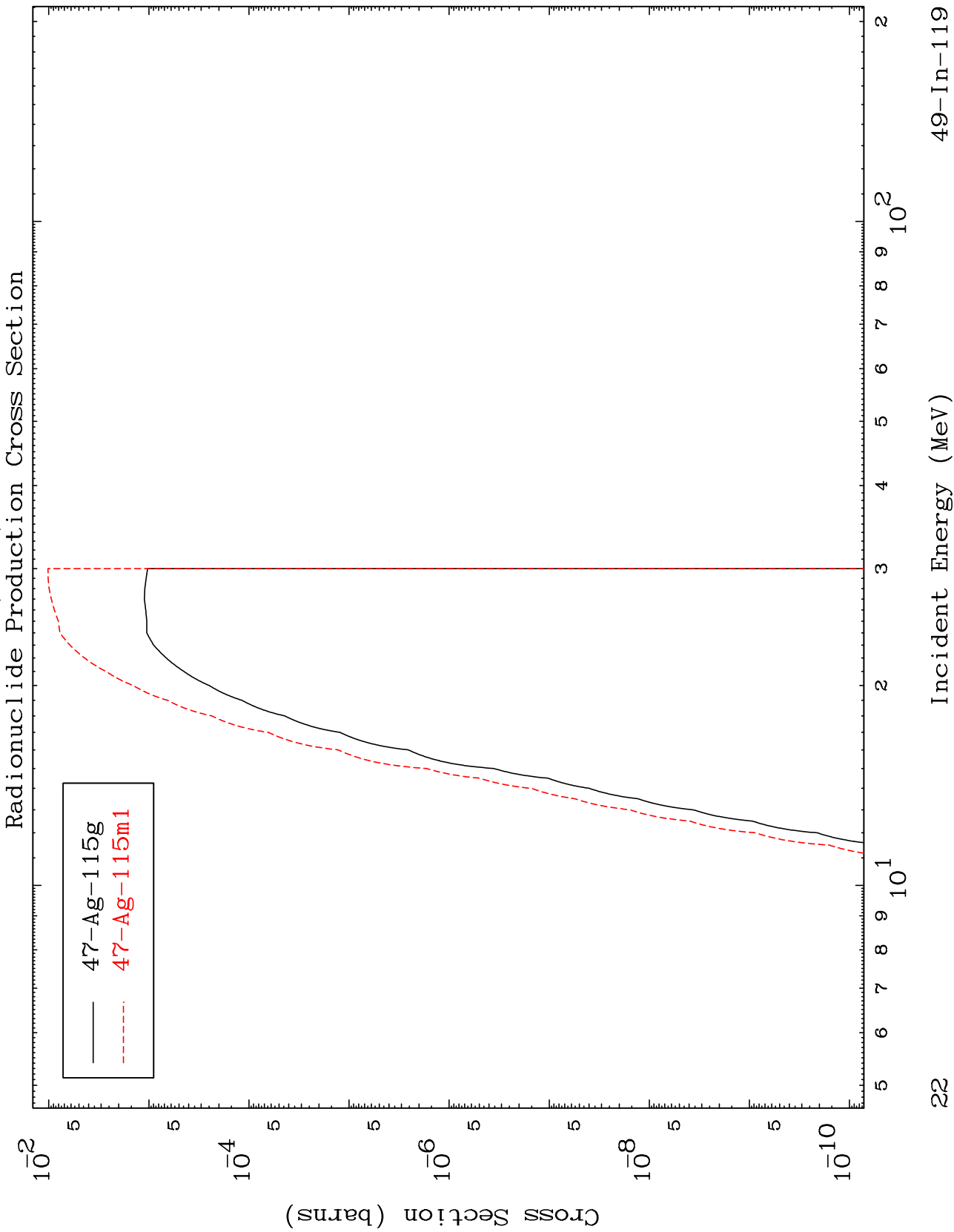
49-In-119

Radionuclide Production Cross Section



MAT 4944

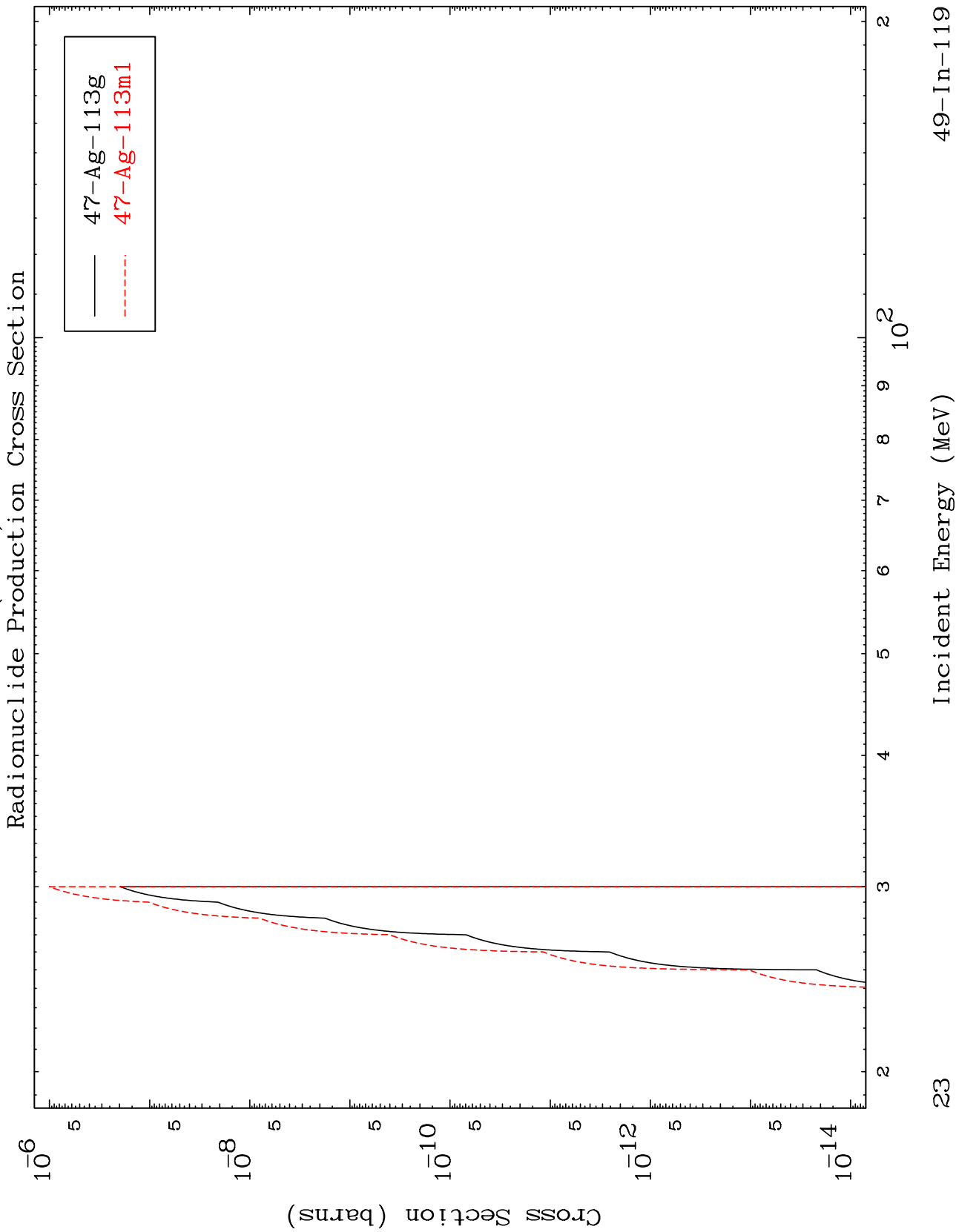
49-In-119



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(n,3n) α

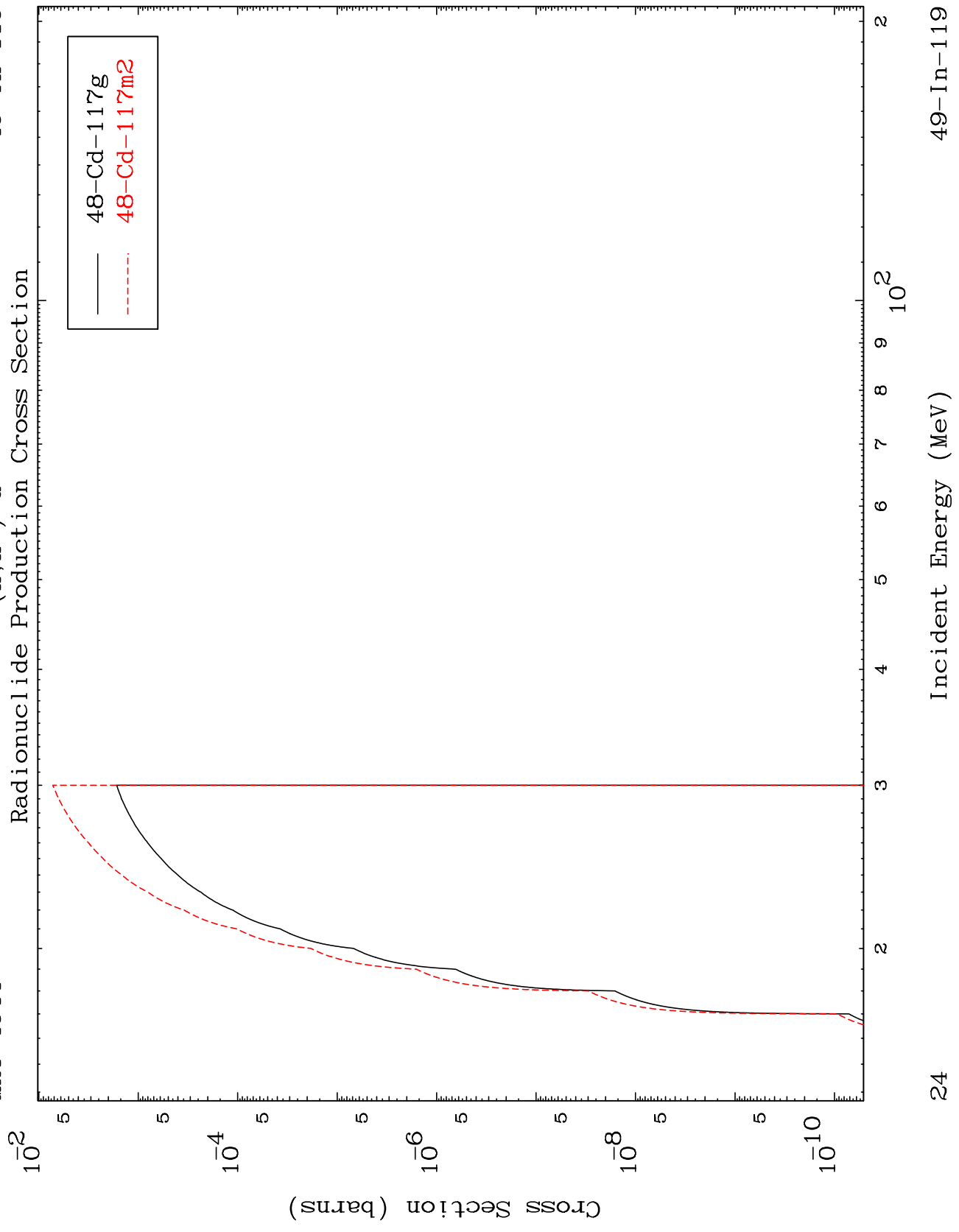
49-In-119



MAT 4944

(n,n') d

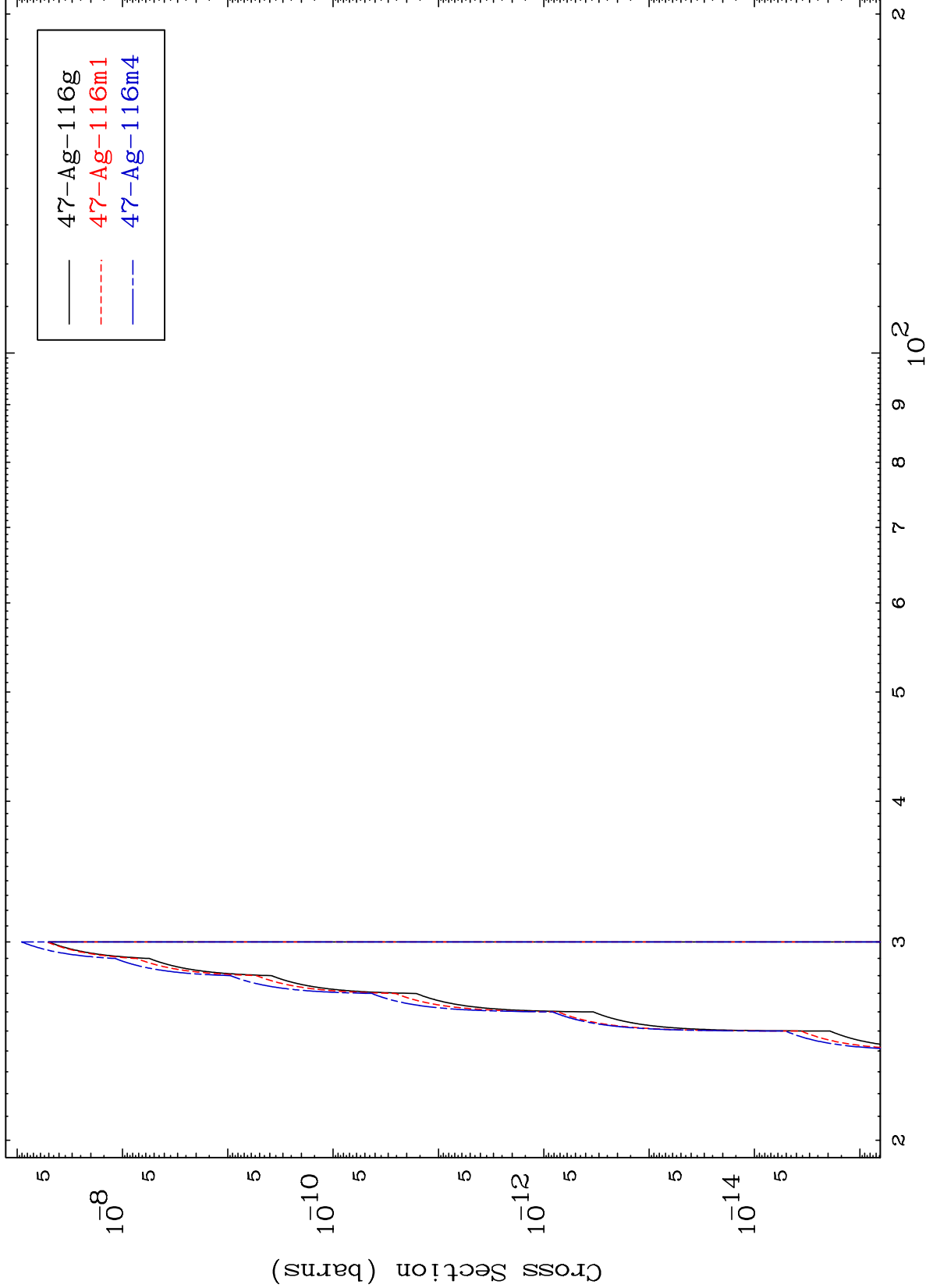
49-In-119



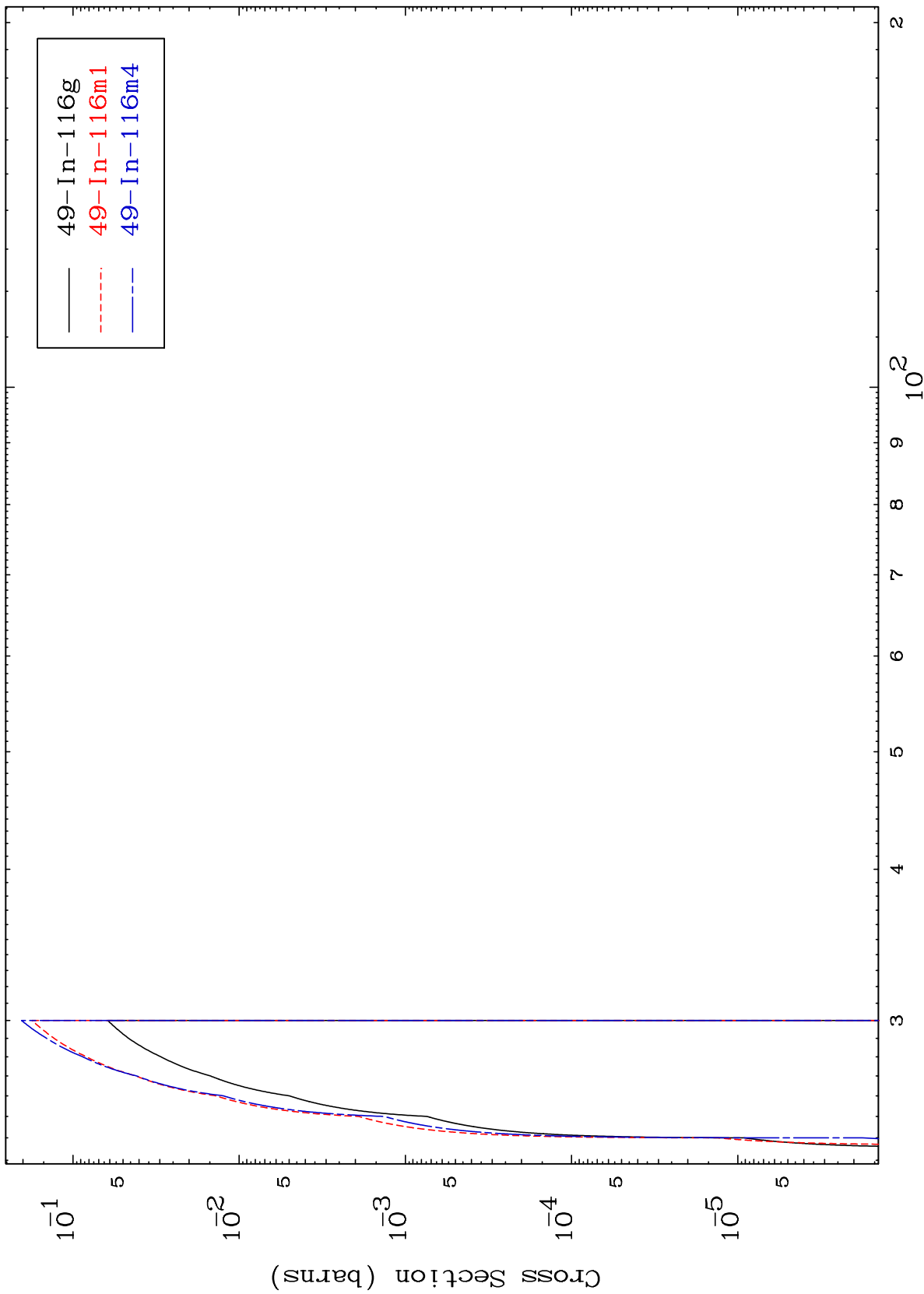
24

49-In-119

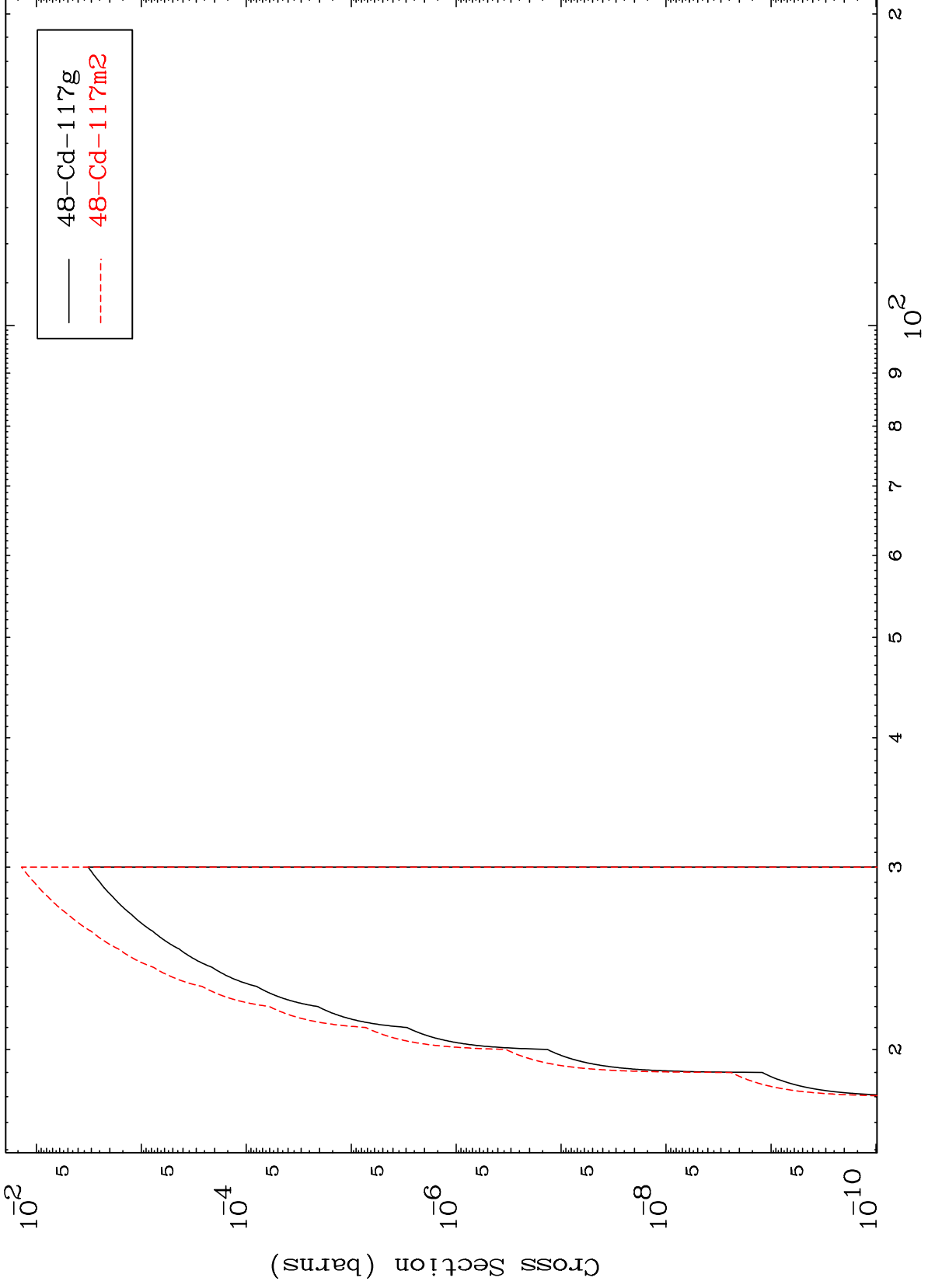
Radionuclide Production Cross Section



(n,4n)
Radionuclide Production Cross Section



Radionuclide Production Cross Section

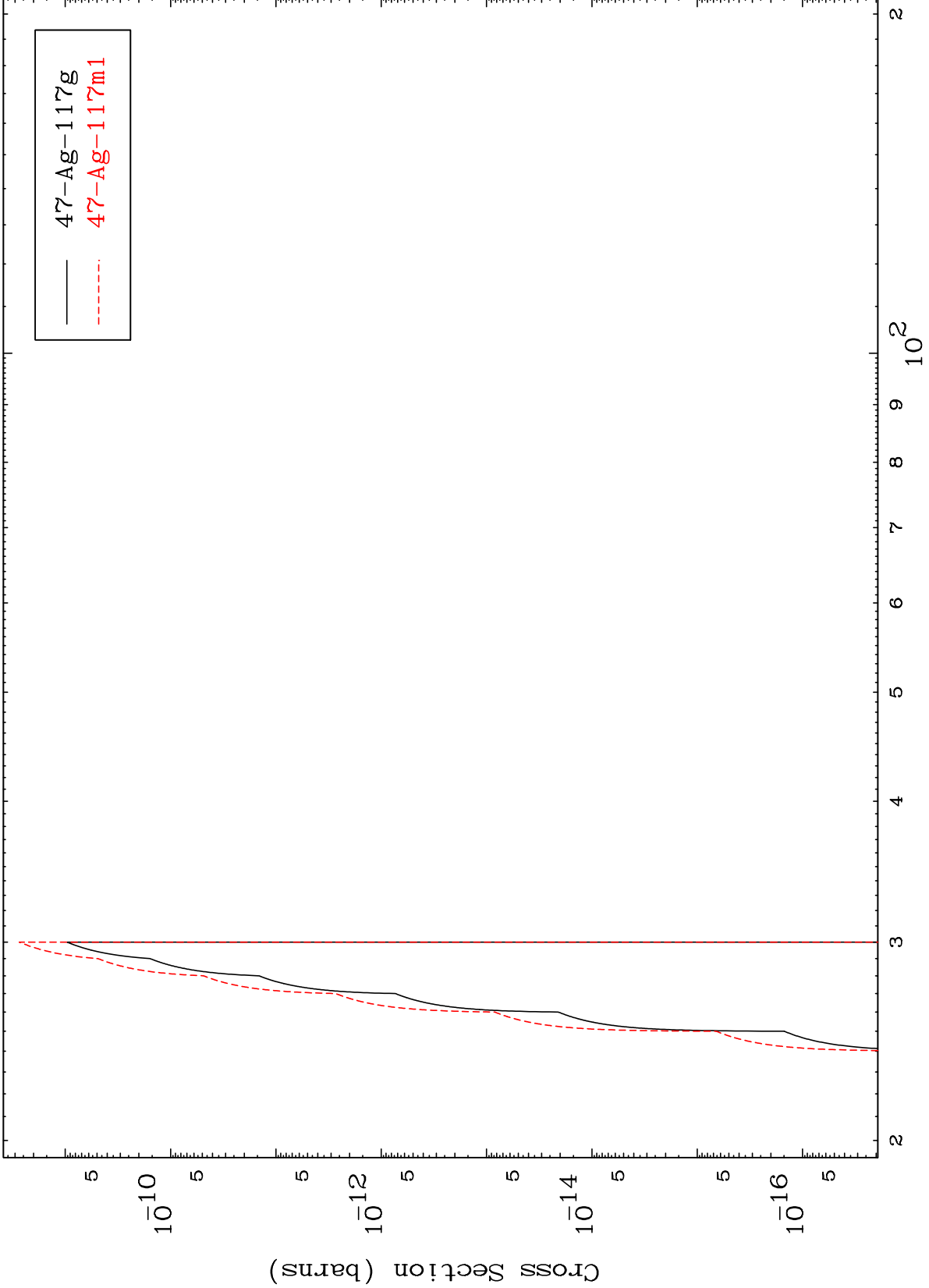


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(n,2n) p

49-In-119

Radionuclide Production Cross Section



28

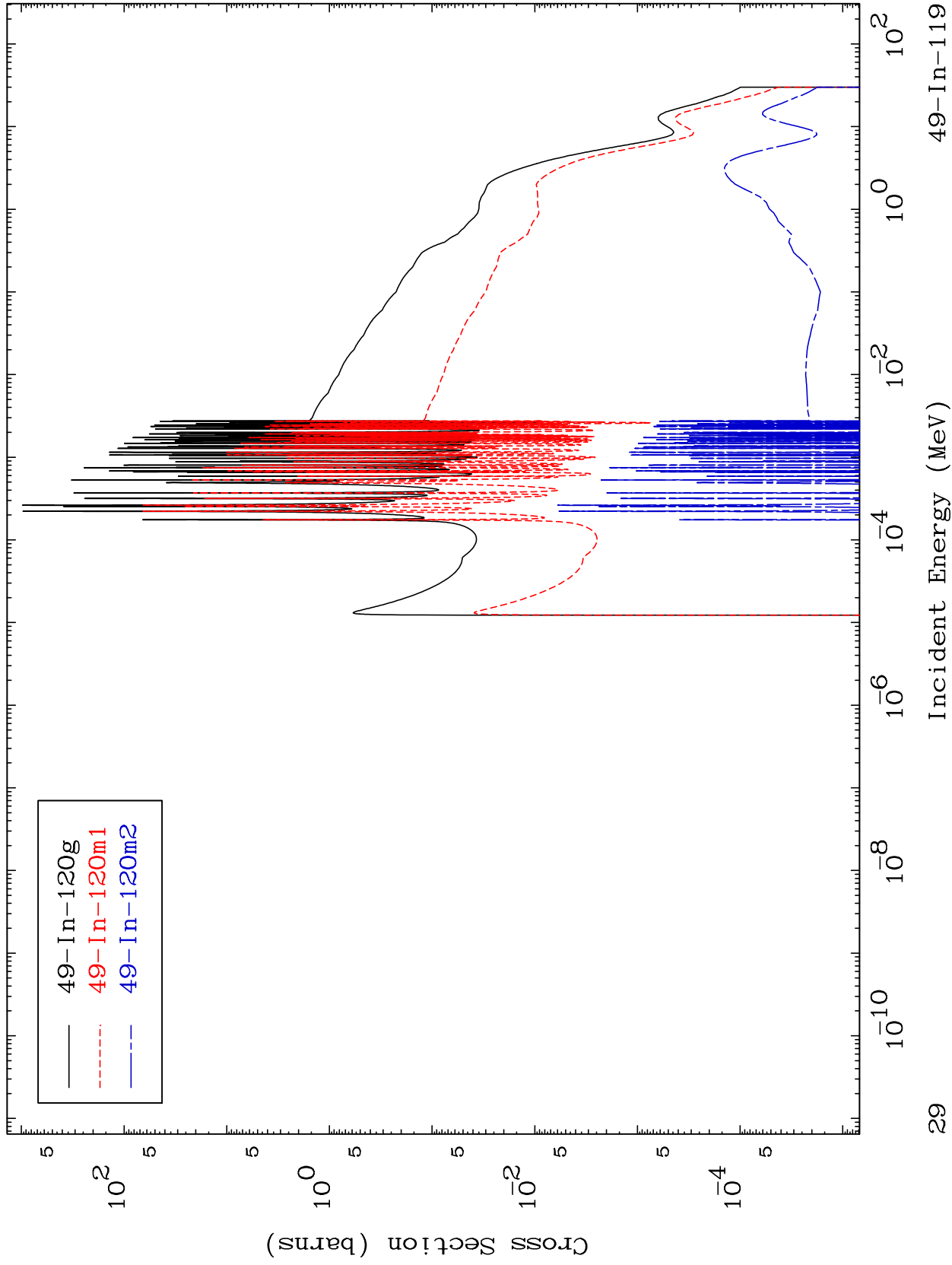
Incident Energy (MeV)

49-In-119

MAT 4944

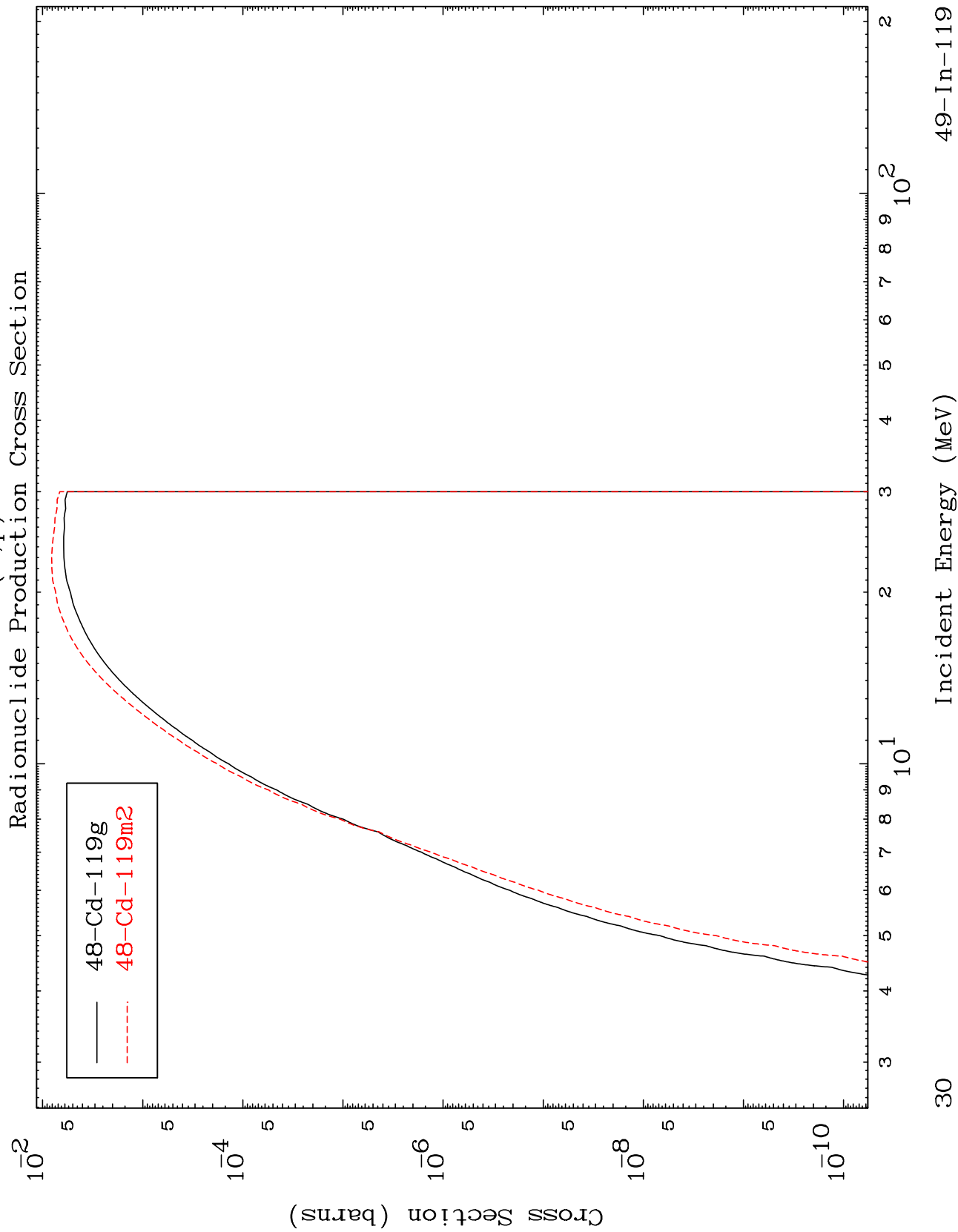
49-In-119

(n,γ)
Radionuclide Production Cross Section



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49-In-119



49-In-119

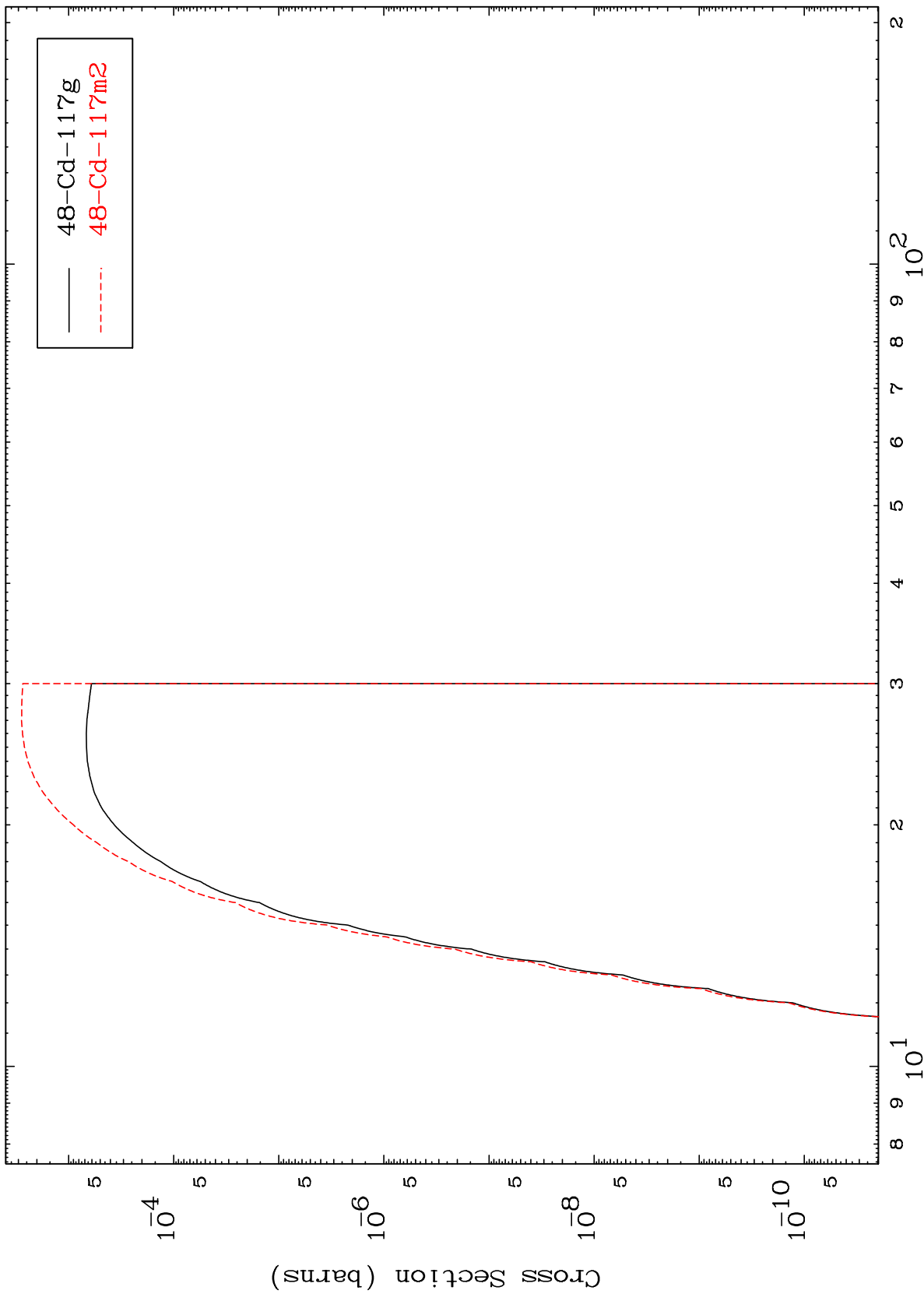
Incident Energy (MeV)

30

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49-In-119

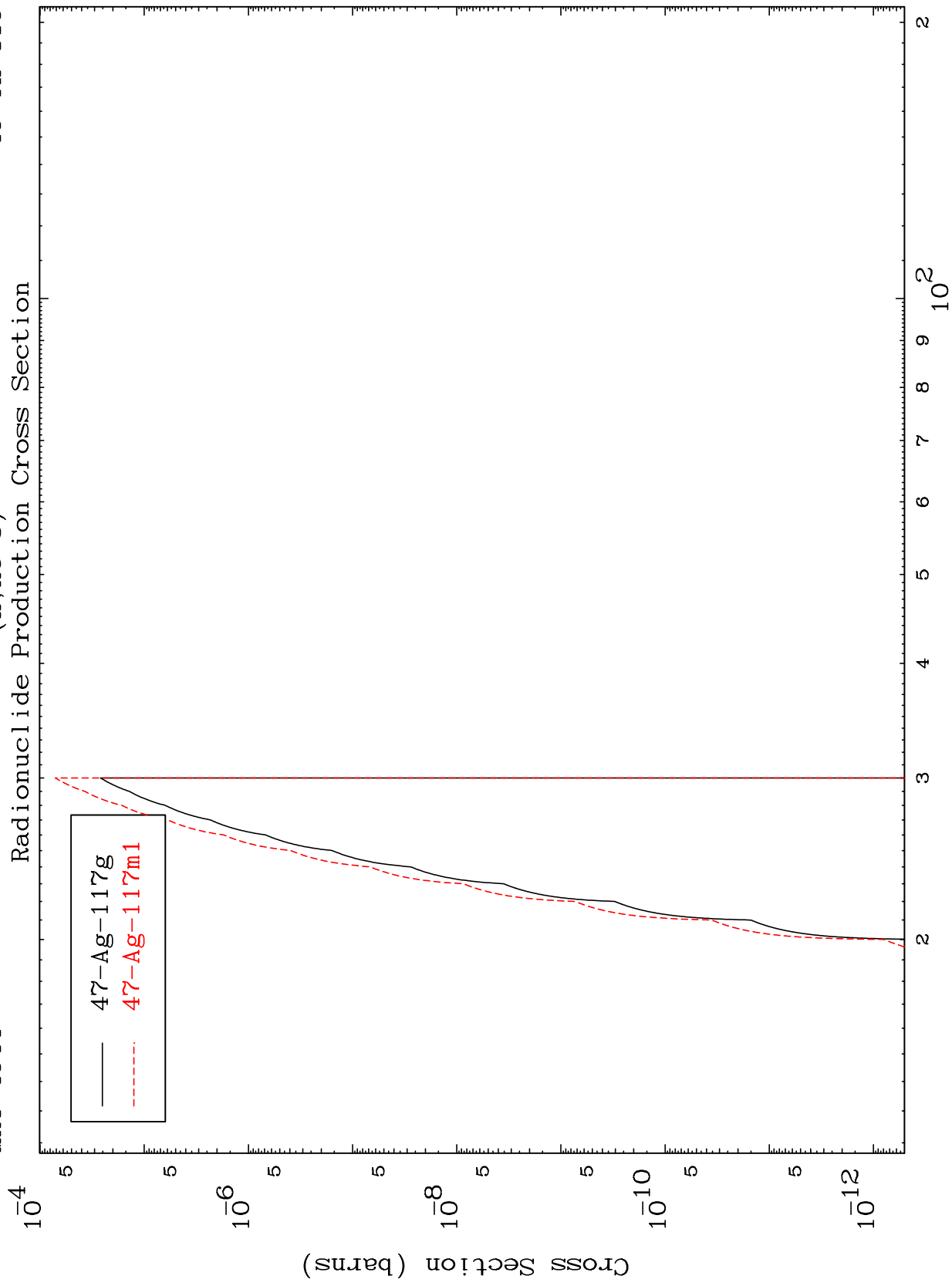
(n,t)
Radionuclide Production Cross Section



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49-In-119

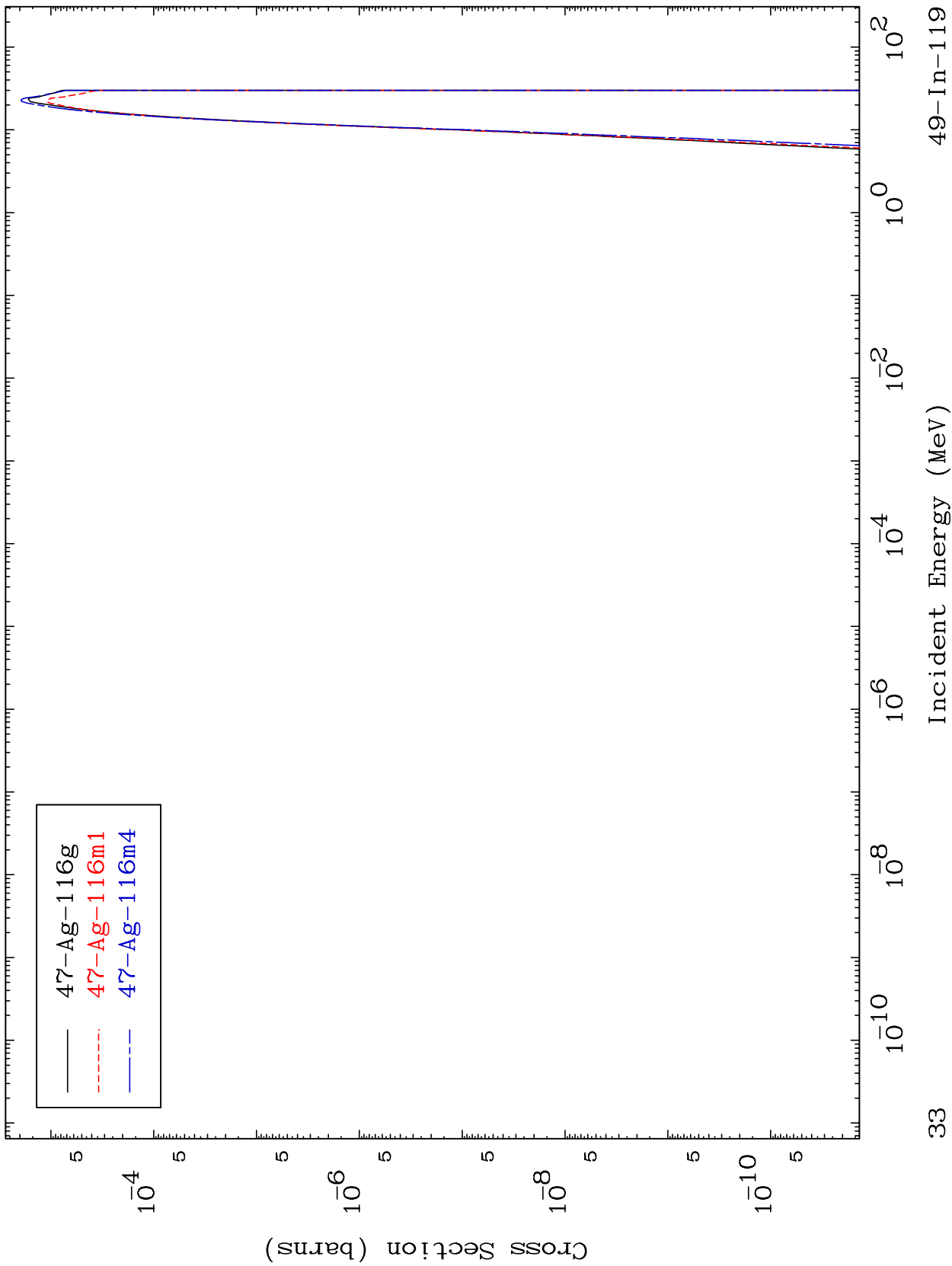
(n,He-3)
Radionuclide Production Cross Section



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49-In-119

Radionuclide Production Cross Section

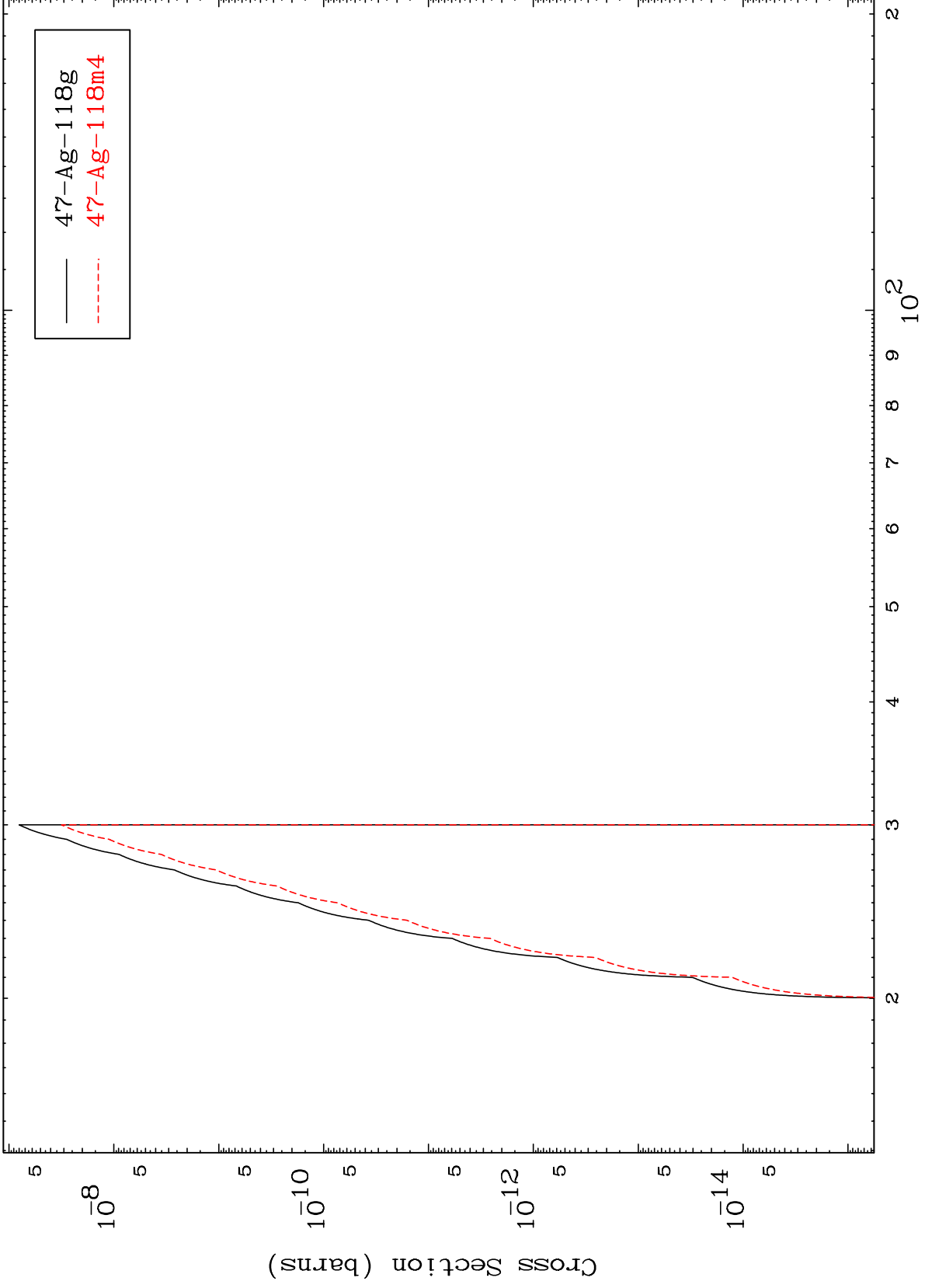


49-In-119

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49-In-119

(n,2p)
Radionuclide Production Cross Section



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49-In-119

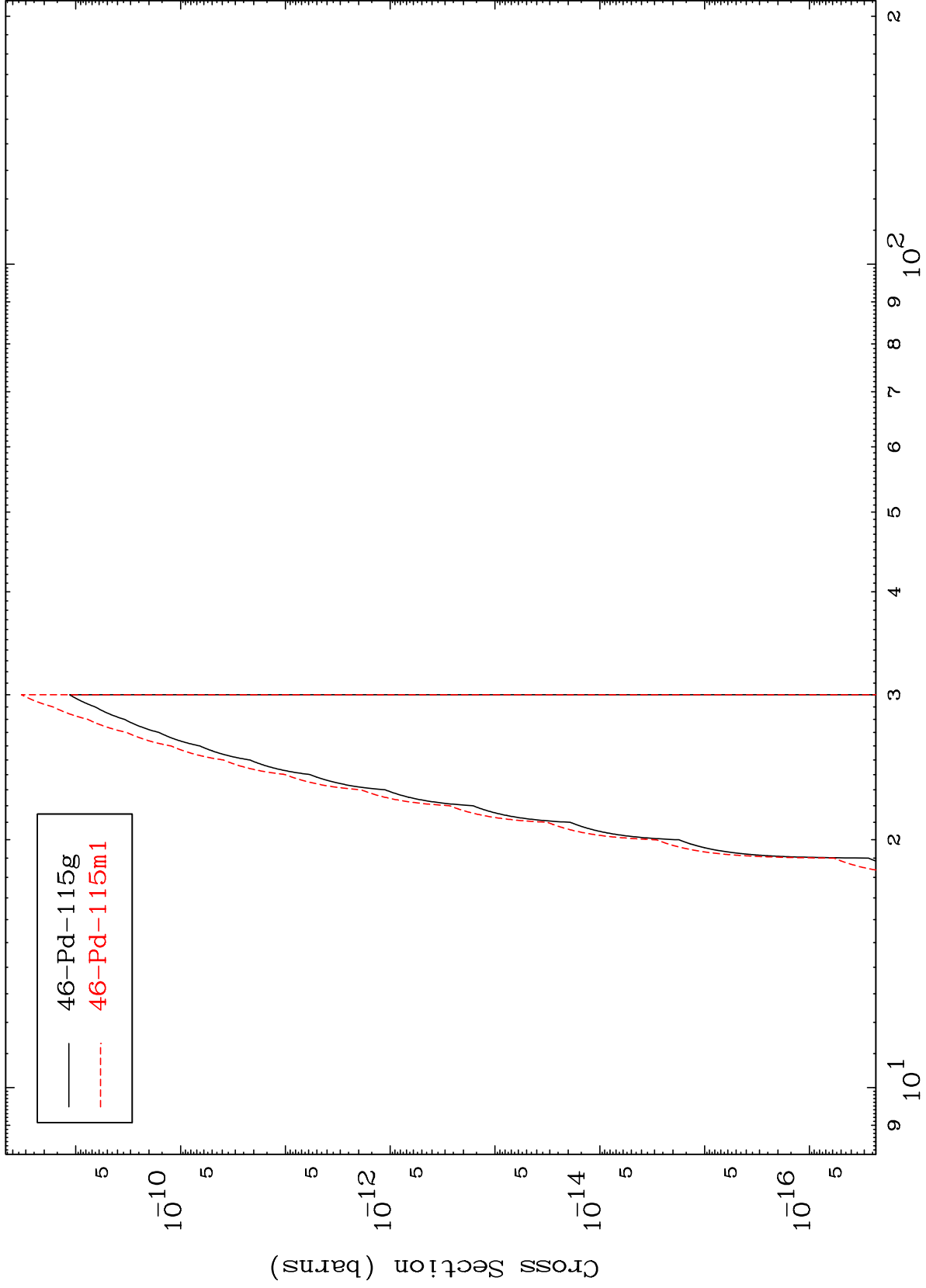
Incident Energy (MeV)

MAT 4944

(n,p) α

49-In-119

Radionuclide Production Cross Section



35

Incident Energy (MeV)

49-In-119