

Program EVALPLOT
(Version 2015-2)

by

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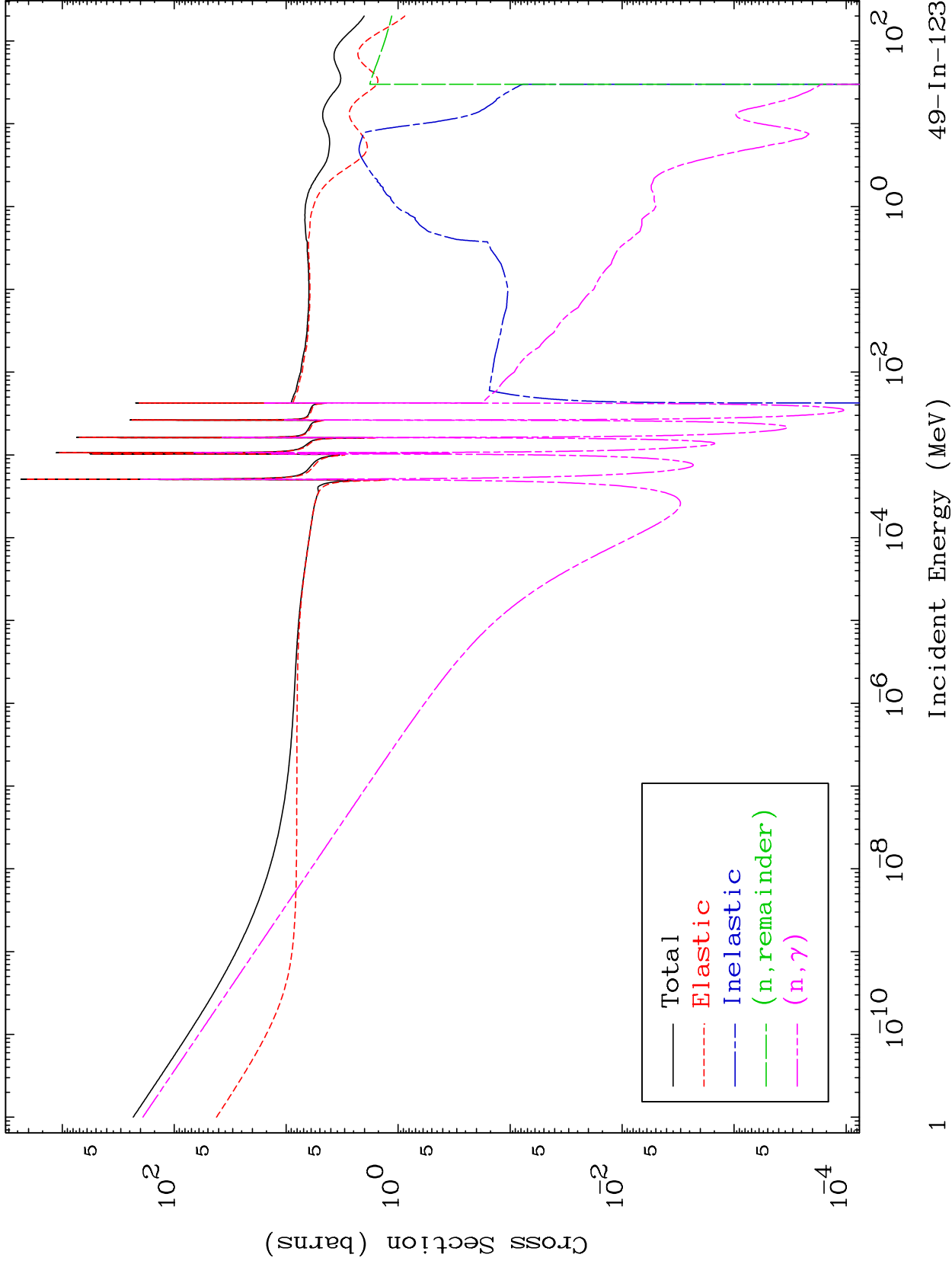
Press Mouse Button to Start

MAT 4956

Major

293 Kelvin Cross Sections

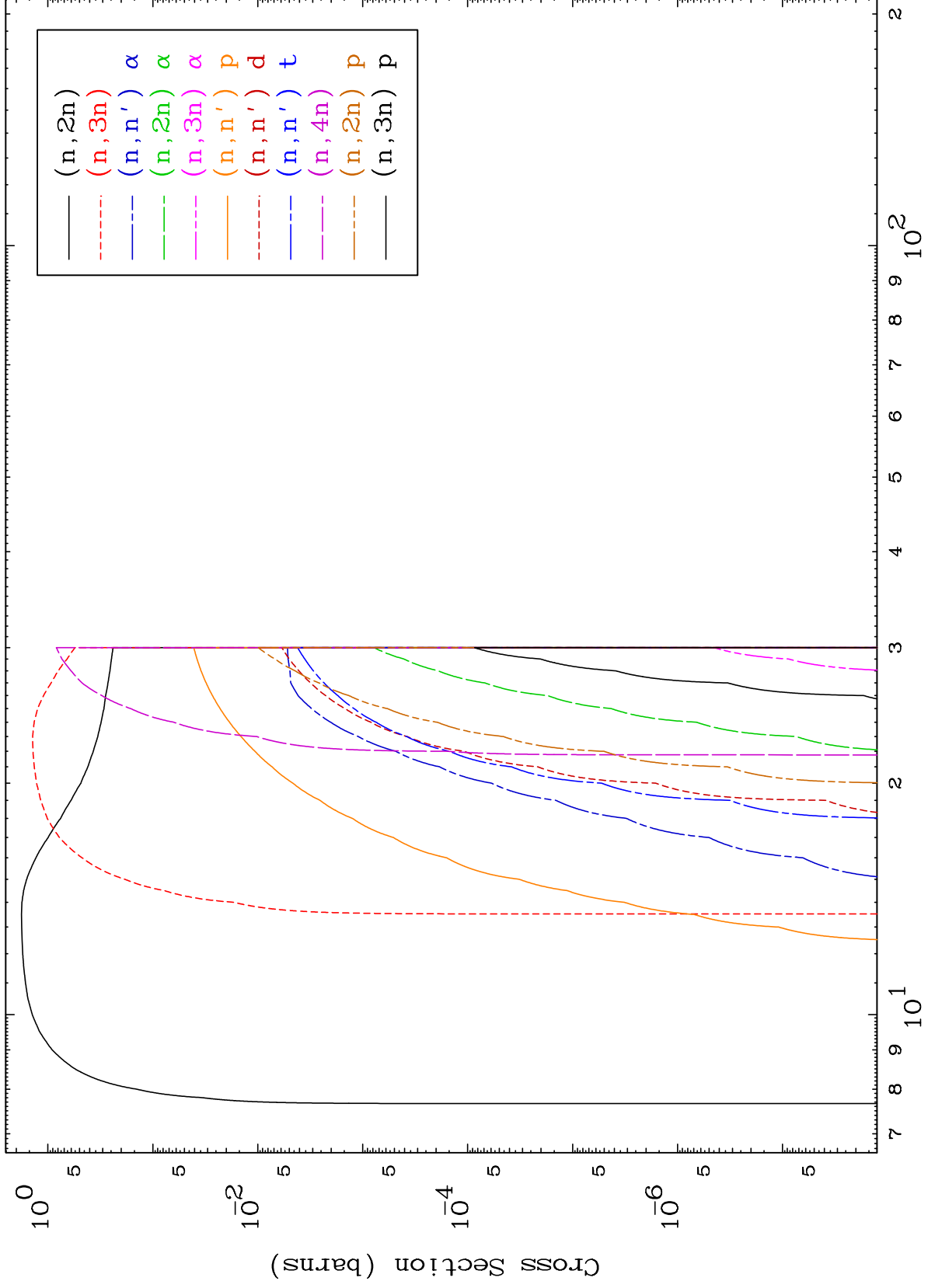
49-In-123

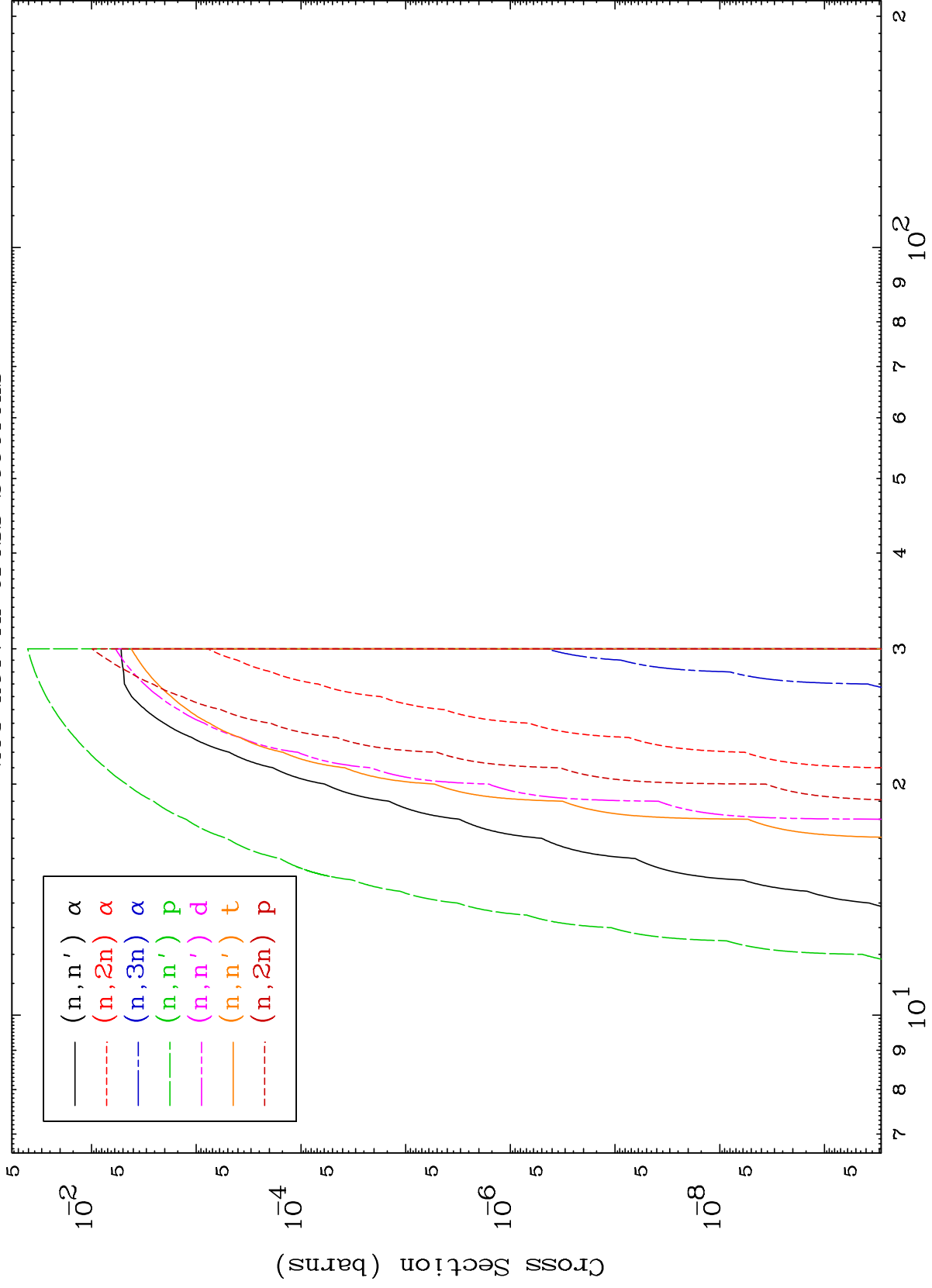


MAT 4956

Neutron Production
293 Kelvin Cross Sections

49-In-123

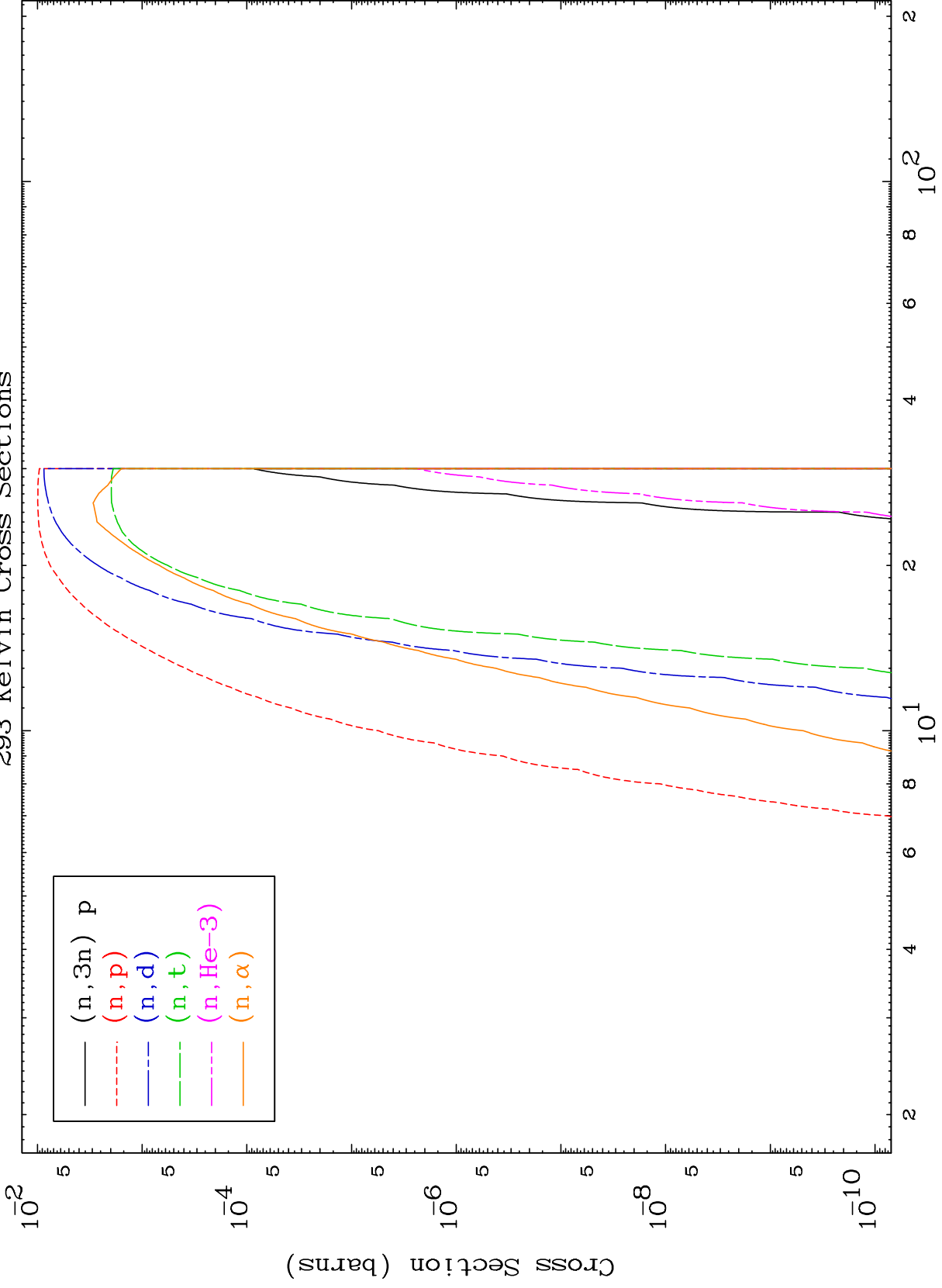




MAT 4956

Charged Particle
293 Kelvin Cross Sections

49-In-123



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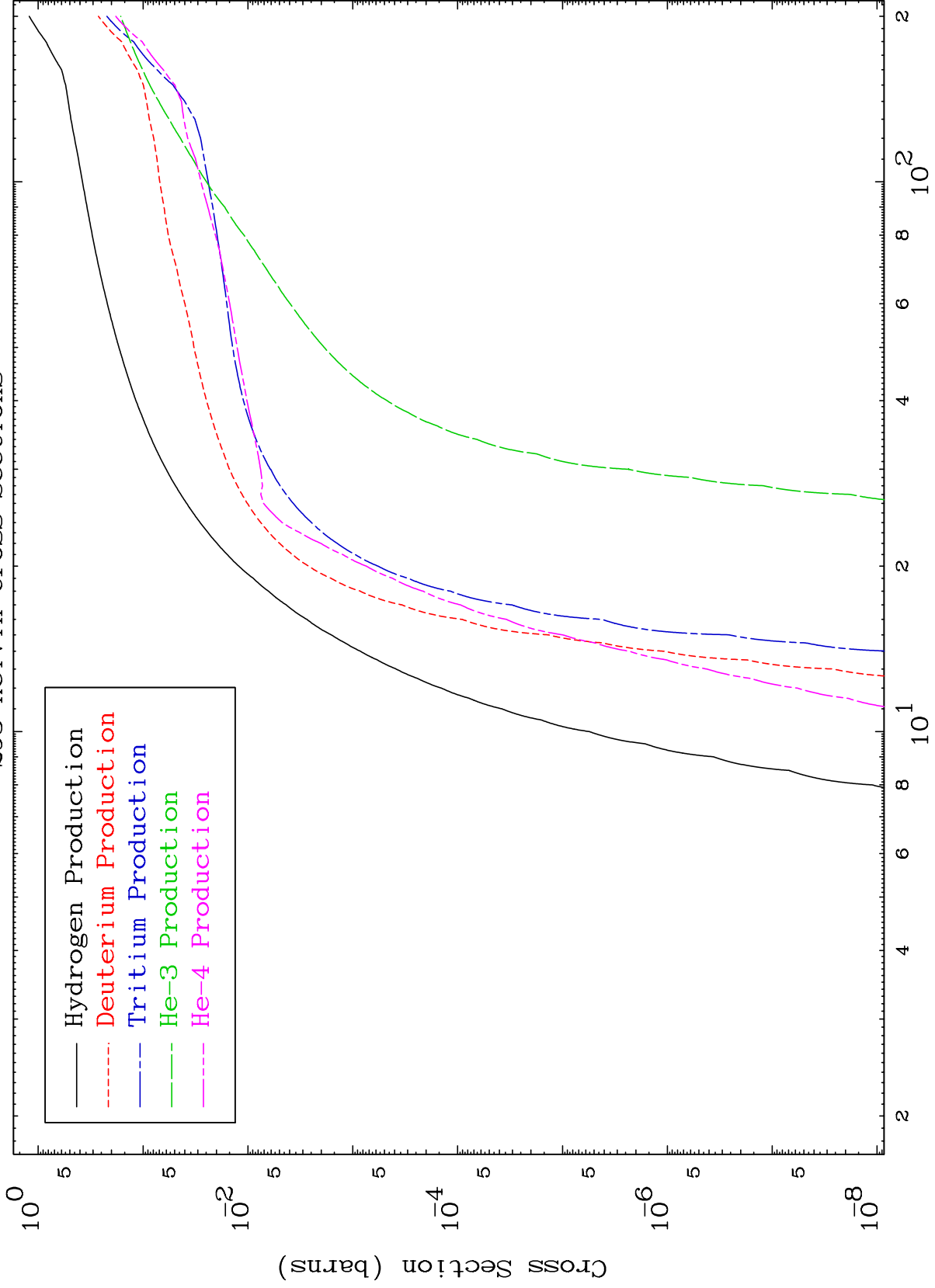
Incident Energy (MeV)

49-In-123

MAT 4956

Particle Production
293 Kelvin Cross Sections

49-In-123



5

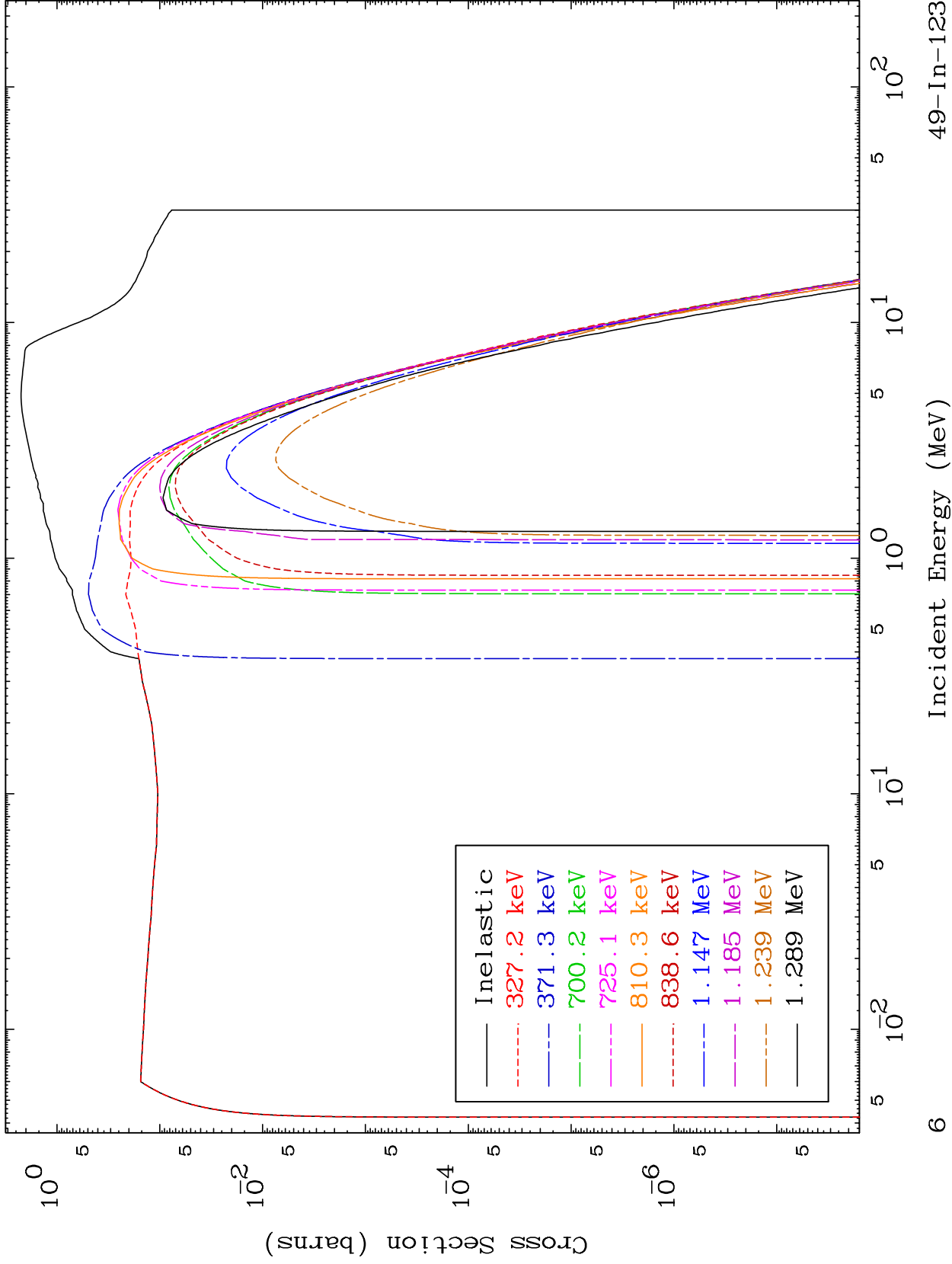
Incident Energy (MeV)

49-In-123

MAT 4956

(n,n') Level
293 Kelvin Cross Sections

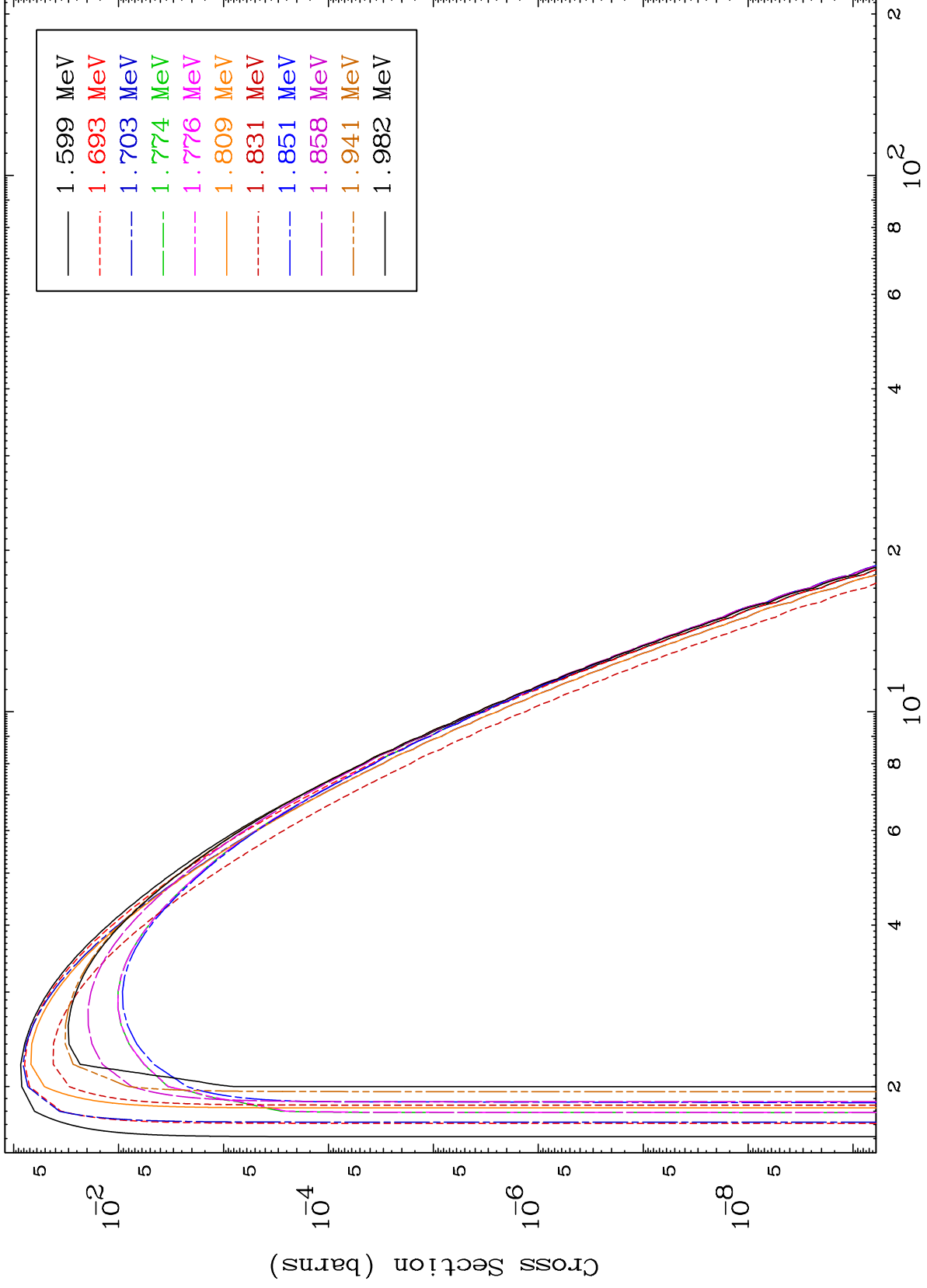
49-In-123



MAT 4956

(n,n') Level
293 Kelvin Cross Sections

49-In-123



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Incident Energy (MeV)

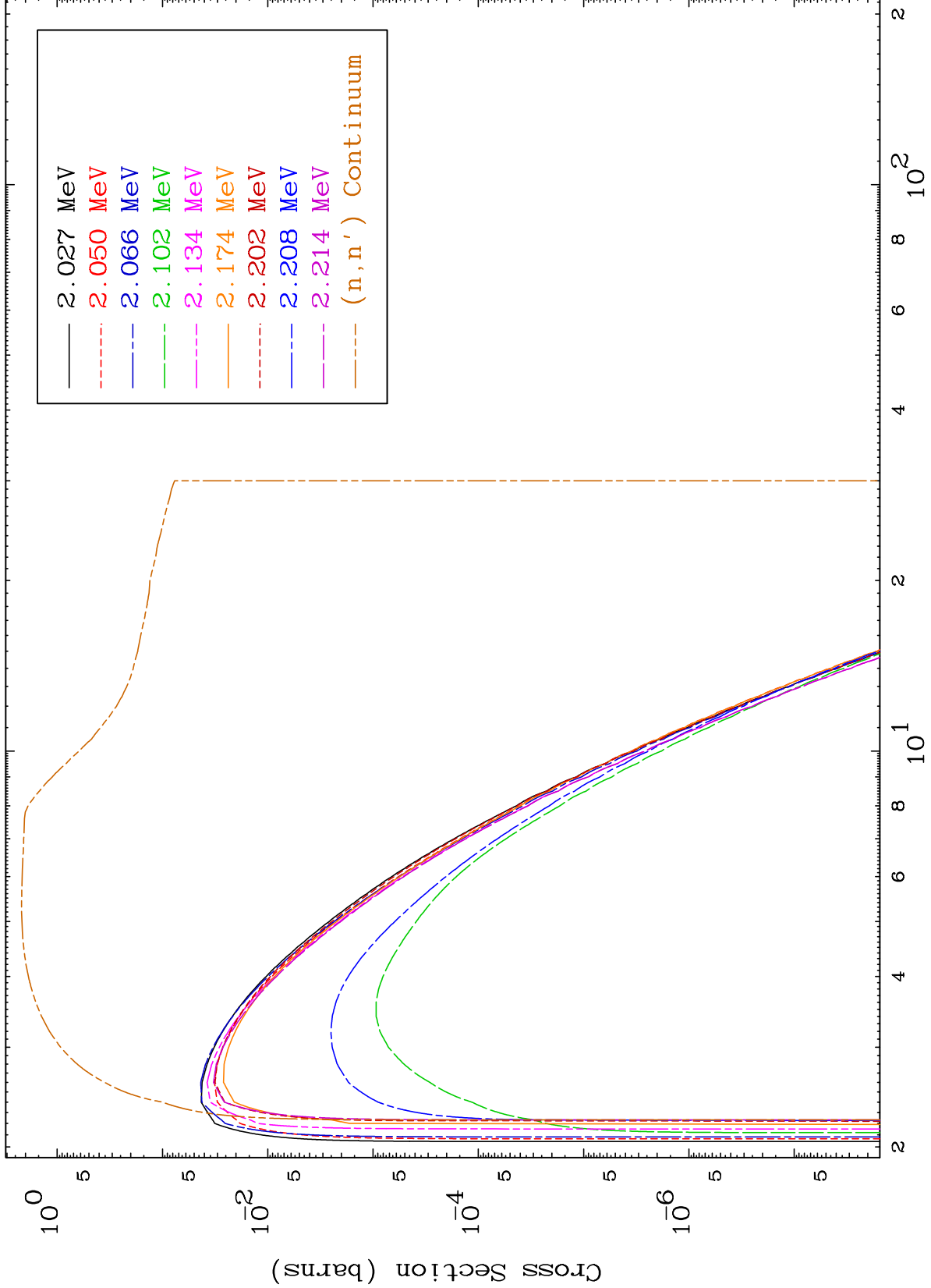
49-In-123

MAT 4956

(n,n') Level

49-In-123

293 Kelvin Cross Sections



8

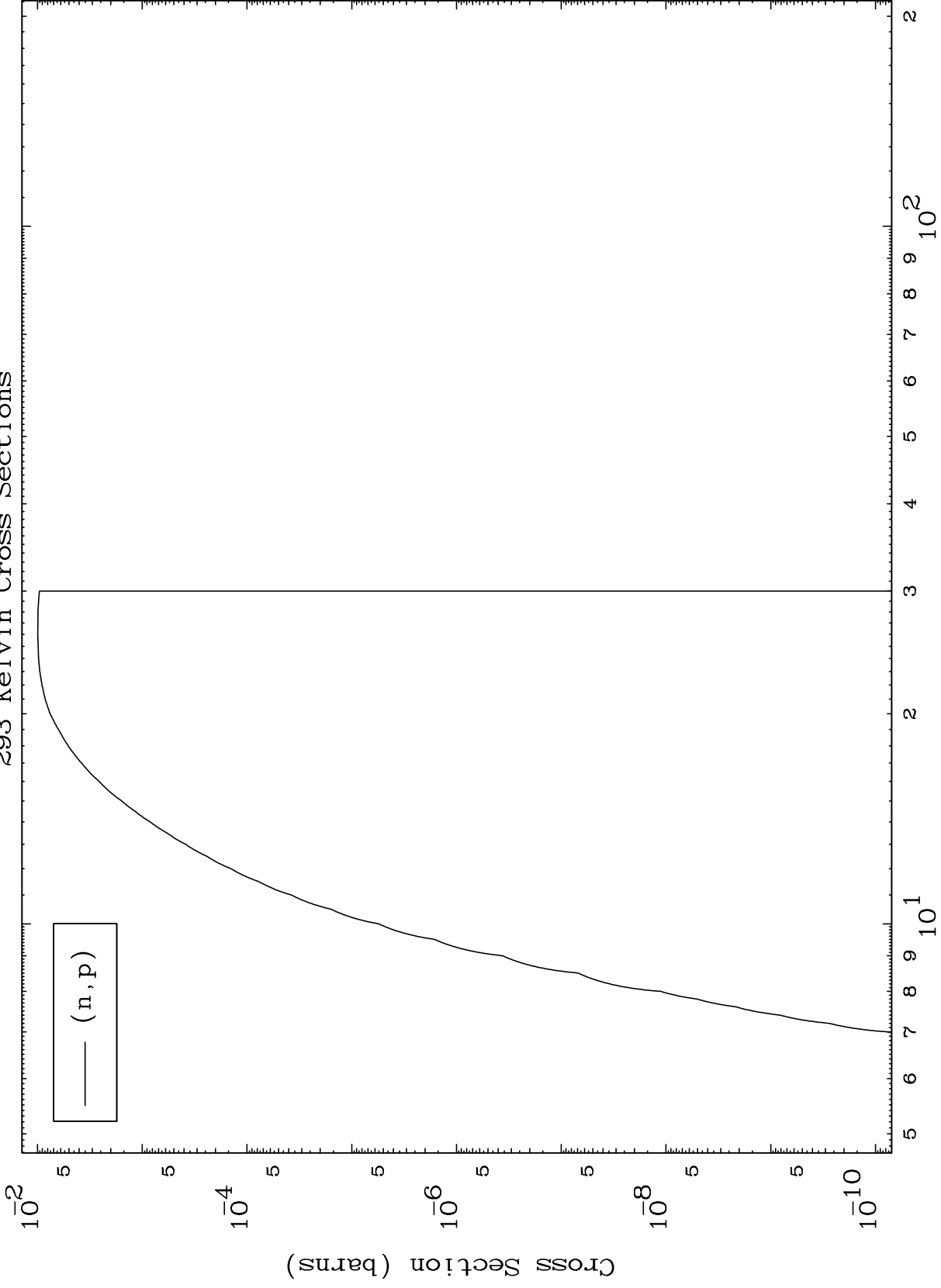
Incident Energy (MeV)

49-In-123

MAT 4956

(n,p) Levels
293 Kelvin Cross Sections

49-In-123



(n,p)

9

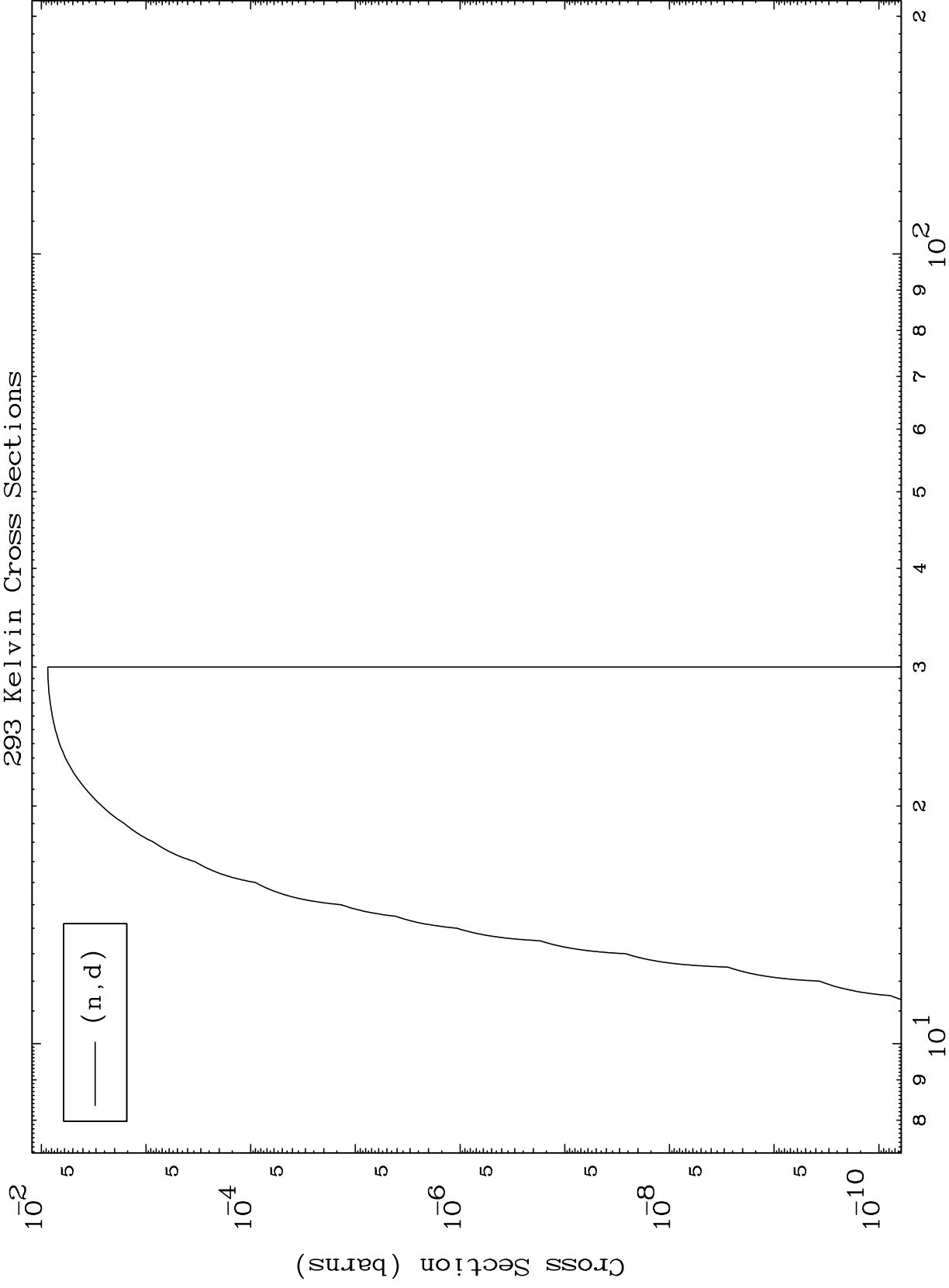
Incident Energy (MeV)

49-In-123

MAT 4956

(n,d) Levels
293 Kelvin Cross Sections

49-In-123



10

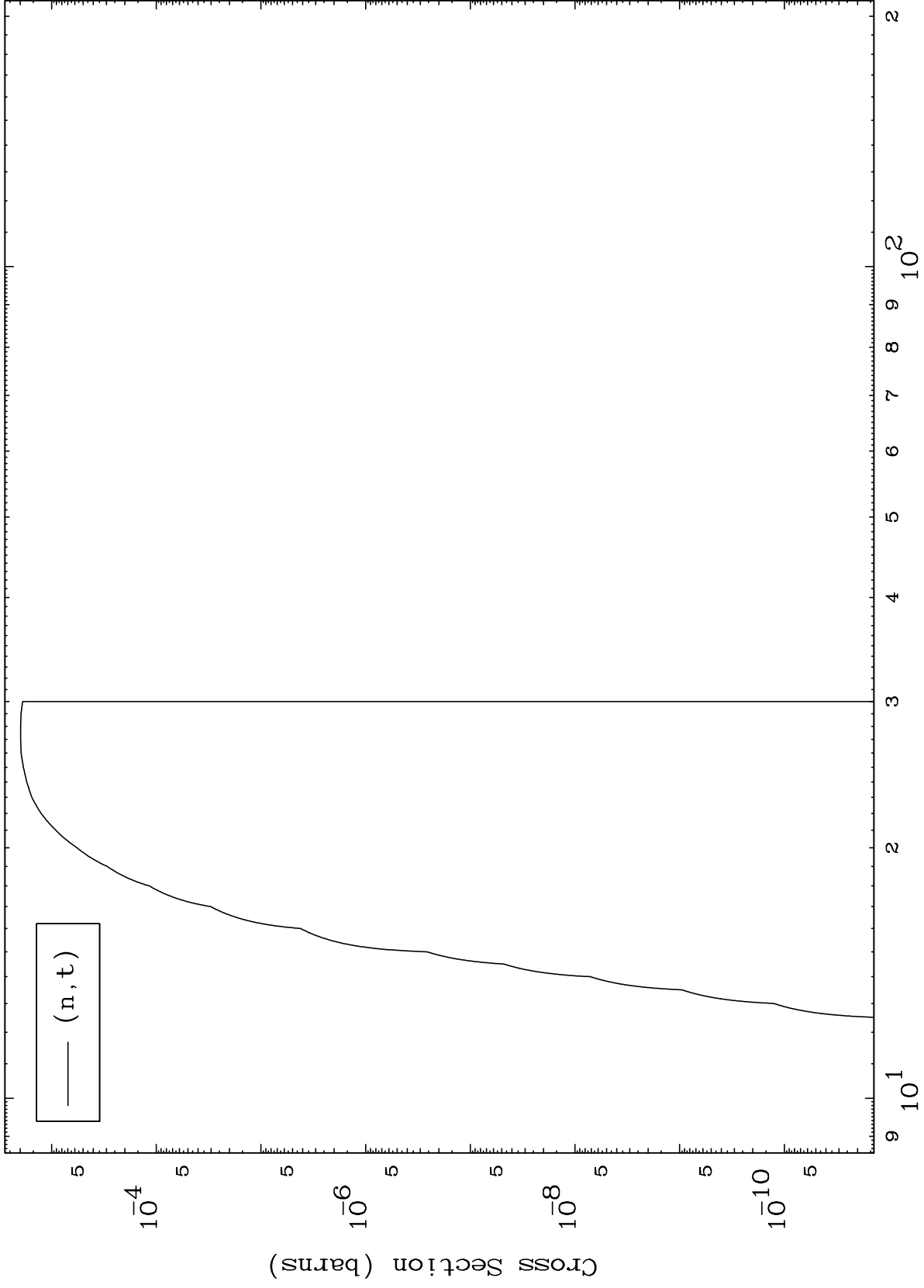
Incident Energy (MeV)

49-In-123

MAT 4956

(n,t) Levels
293 Kelvin Cross Sections

49-In-123



11

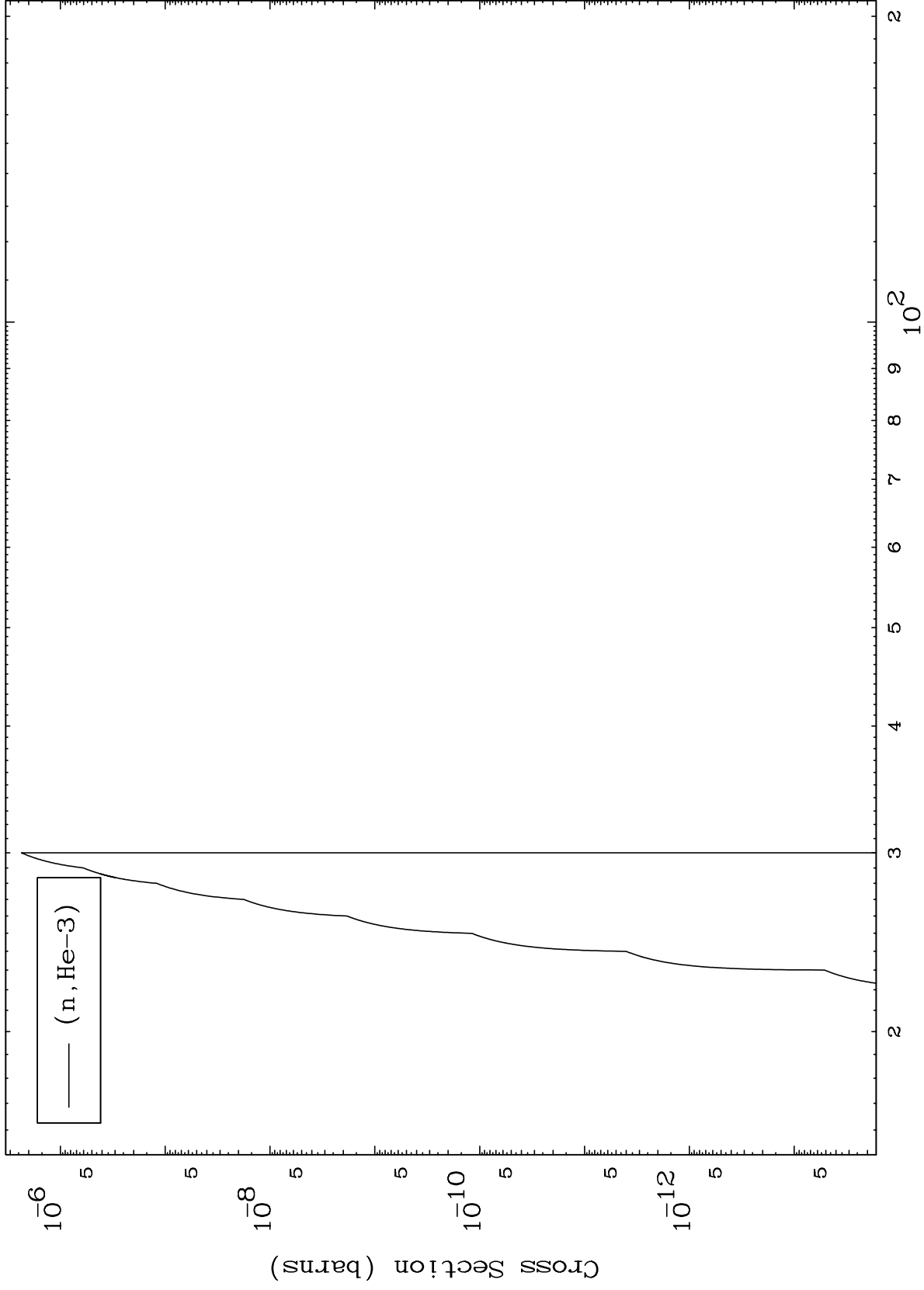
Incident Energy (MeV)

49-In-123

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(n,He3) Levels
293 Kelvin Cross Sections

49-In-123



12

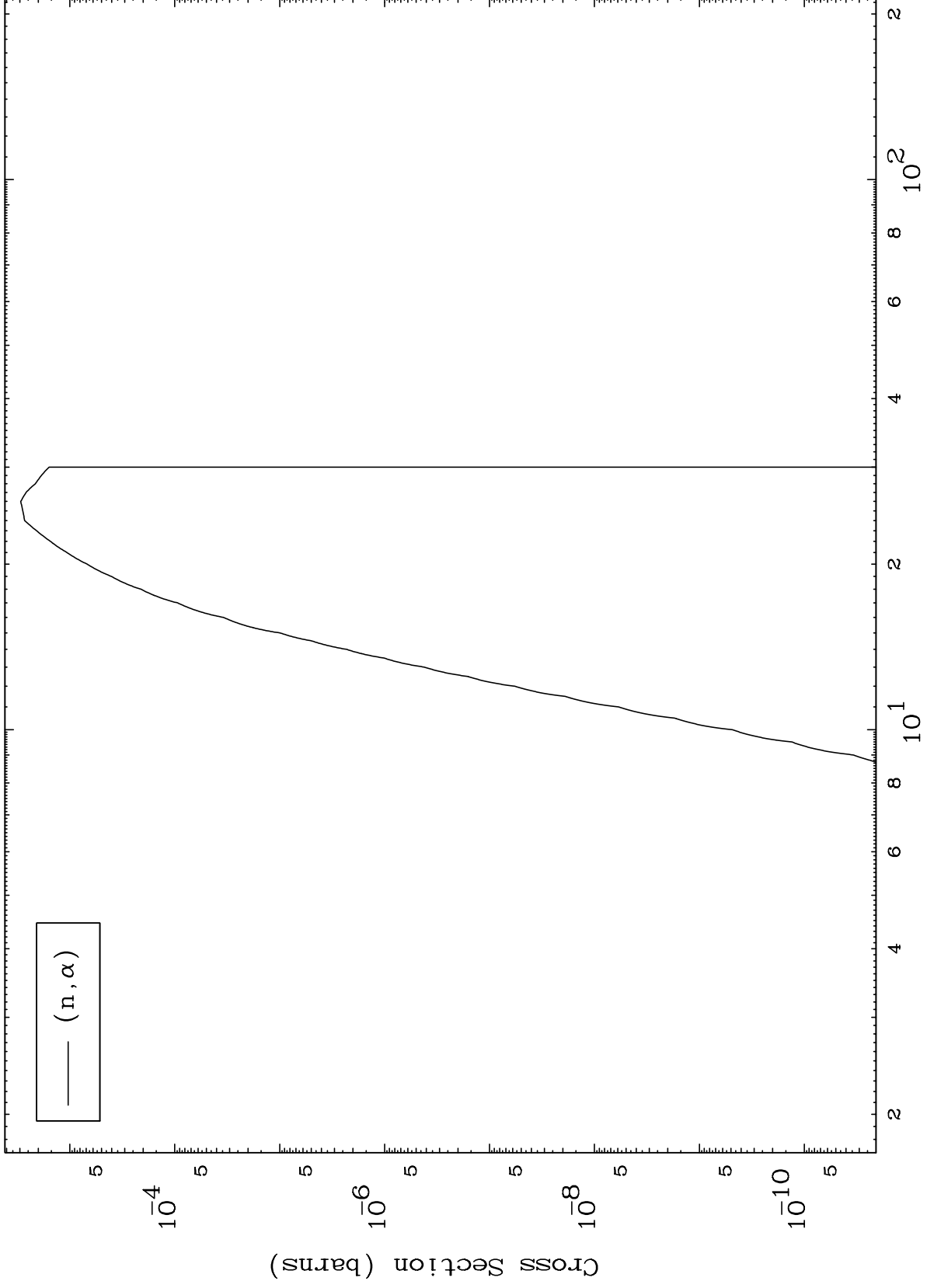
Incident Energy (MeV)

49-In-123

MAT 4956

(n, α) Levels
293 Kelvin Cross Sections

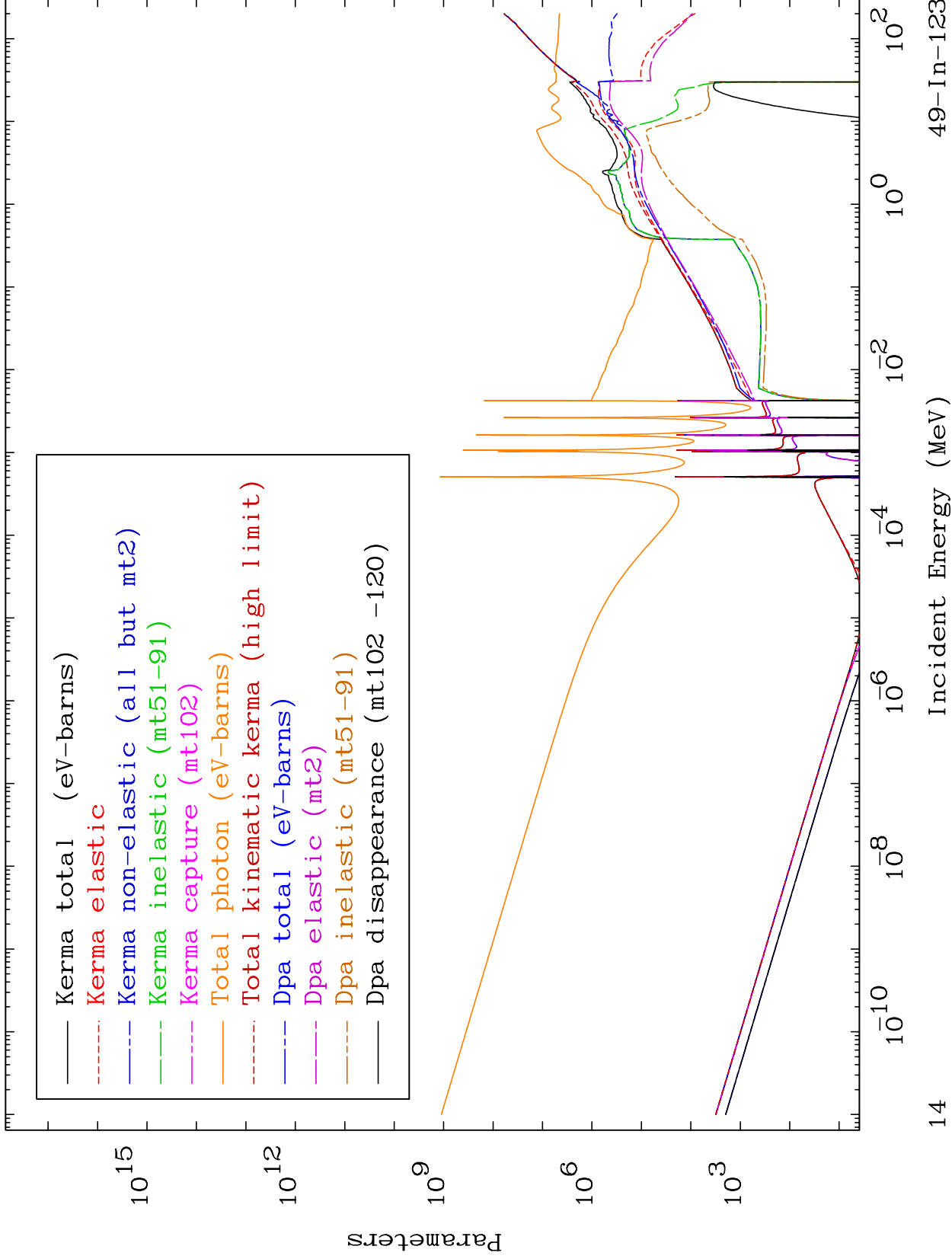
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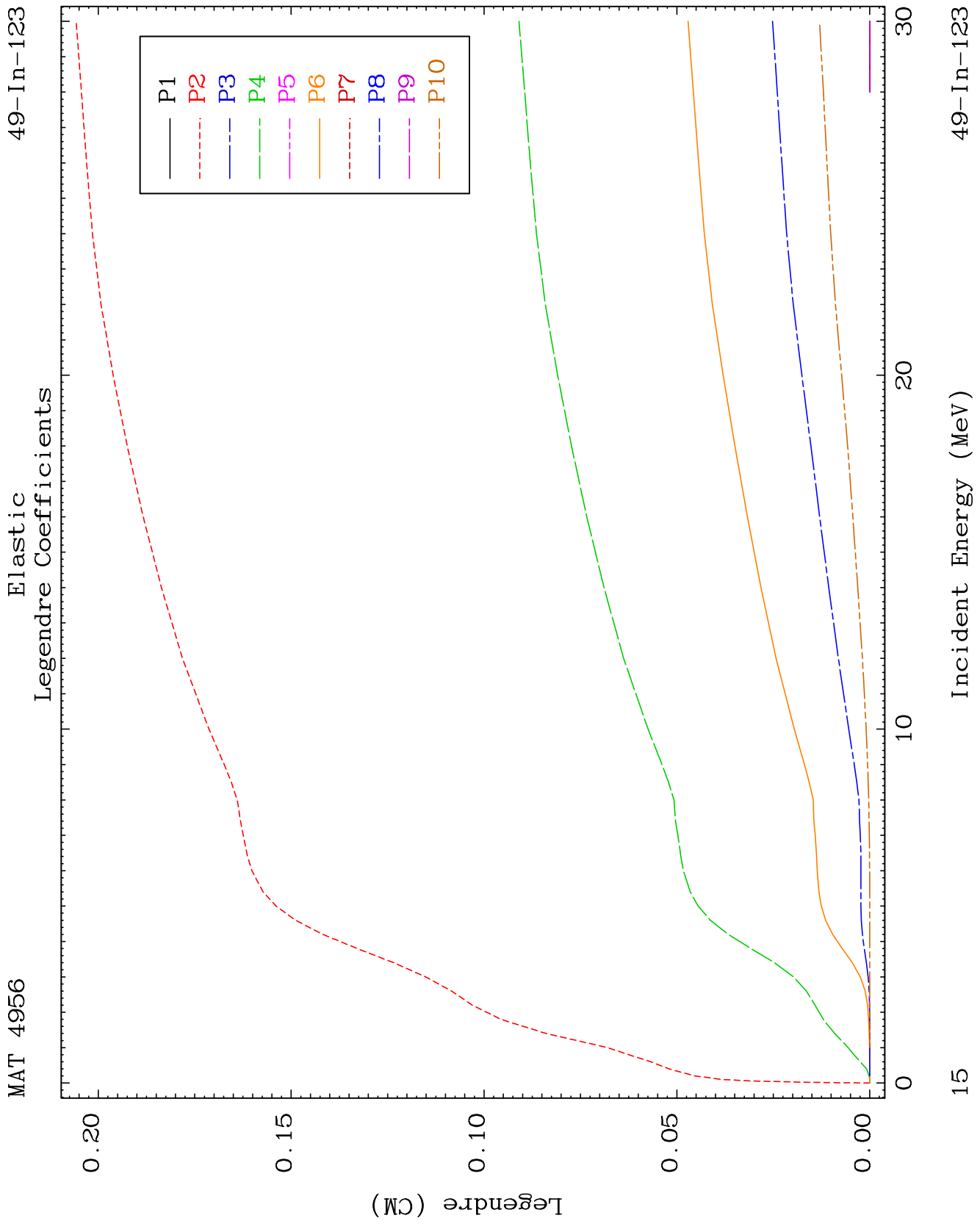


13

Incident Energy (MeV)

49-In-123

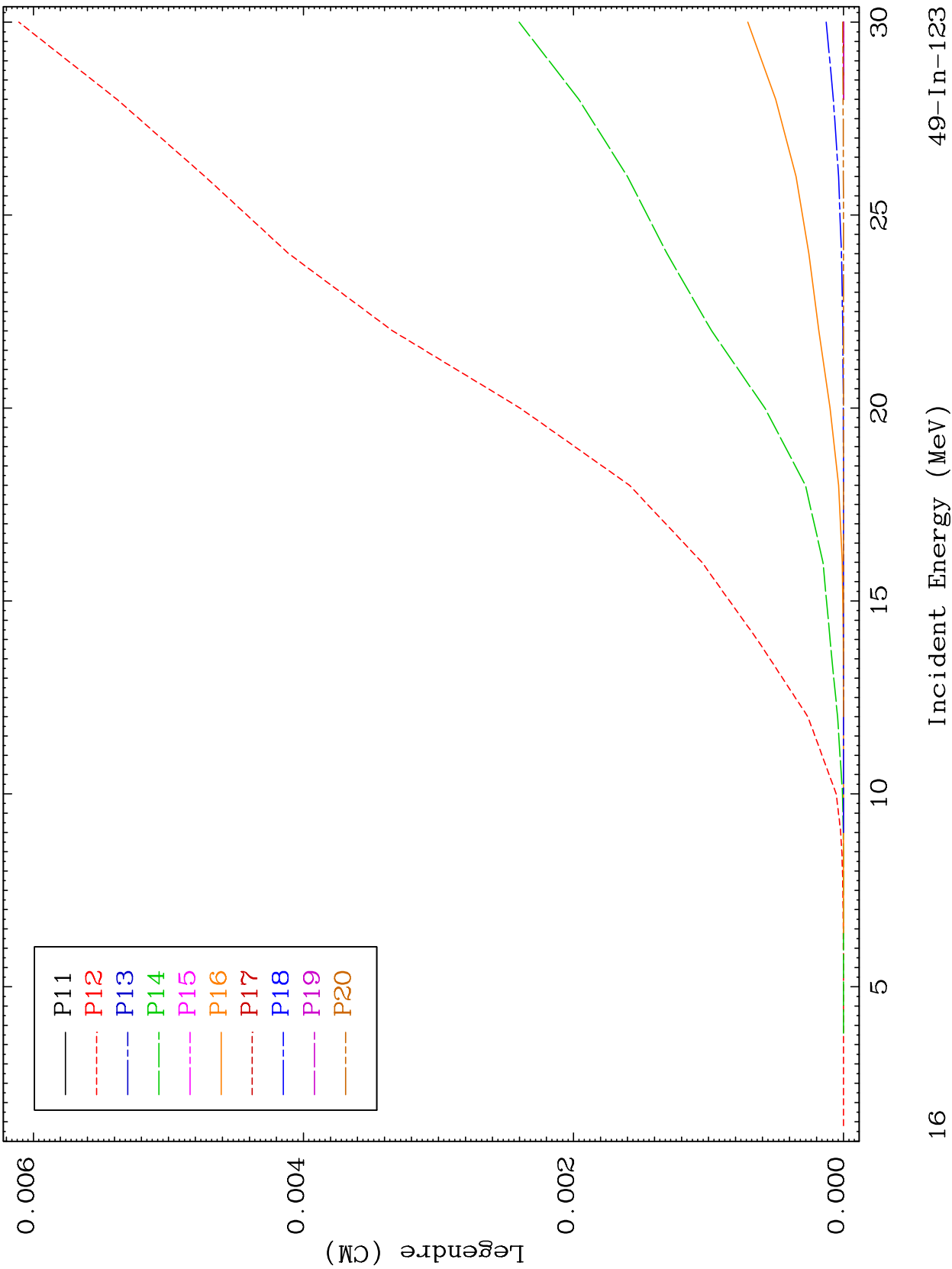




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Elastic Legendre Coefficients

49-In-123



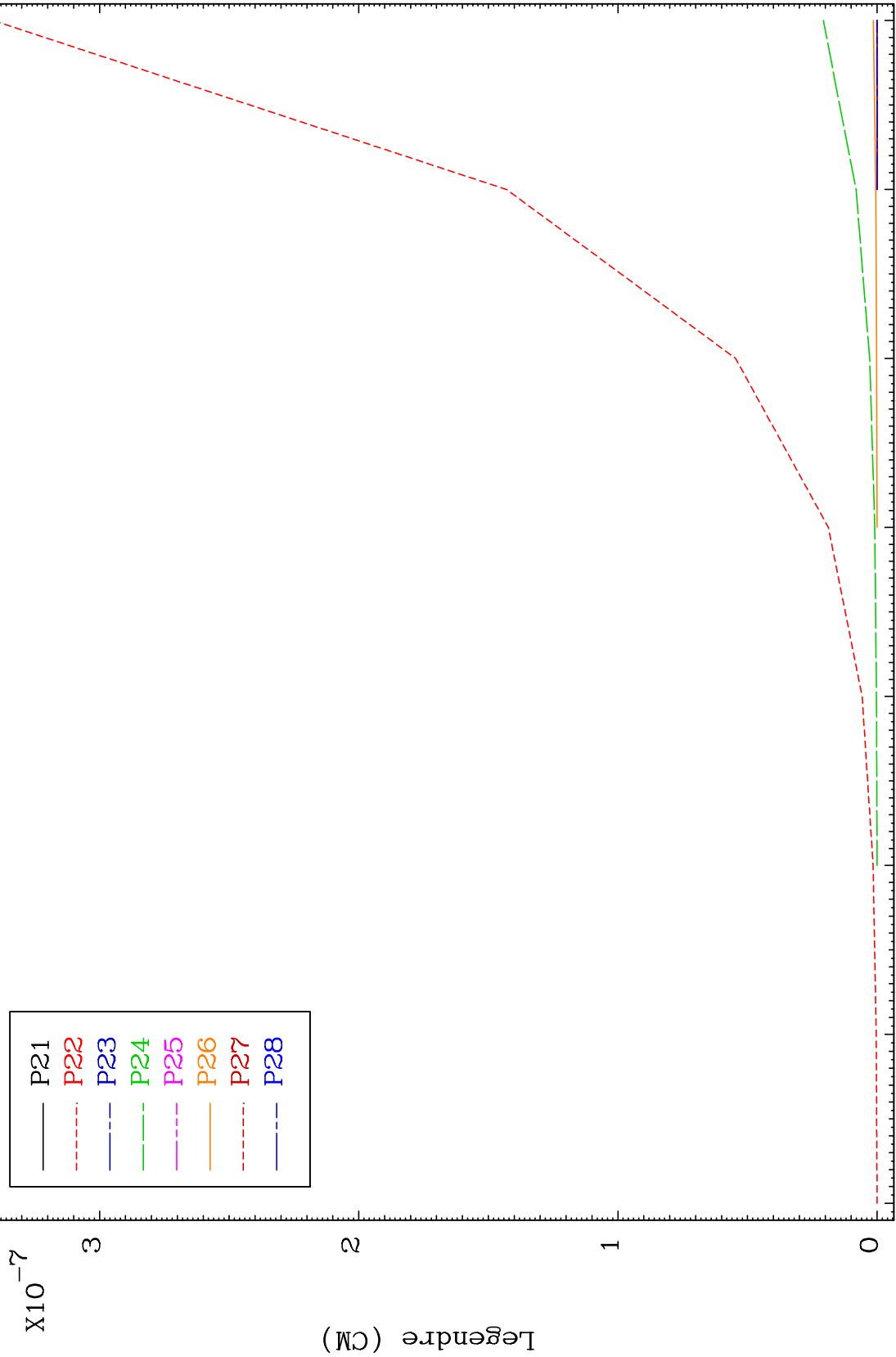
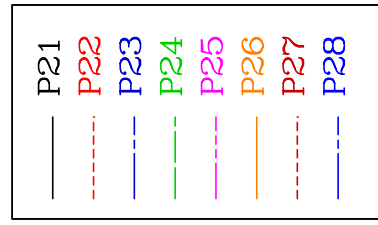
16

49-In-123

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Elastic
Legendre Coefficients

49-In-123



49-In-123

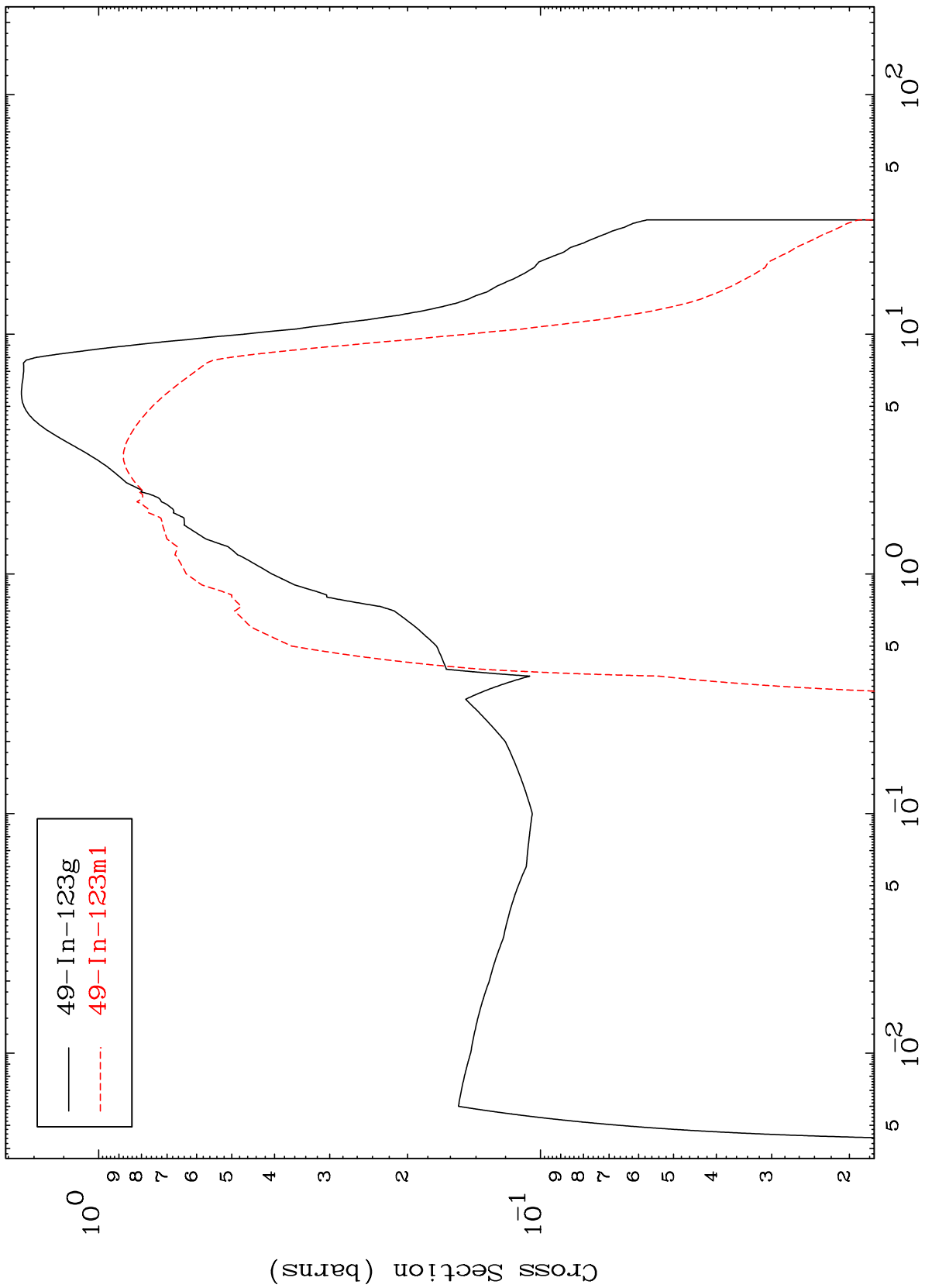
Incident Energy (MeV)

17

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49-In-123

Inelastic
Radionuclide Production Cross Section



18

49-In-123

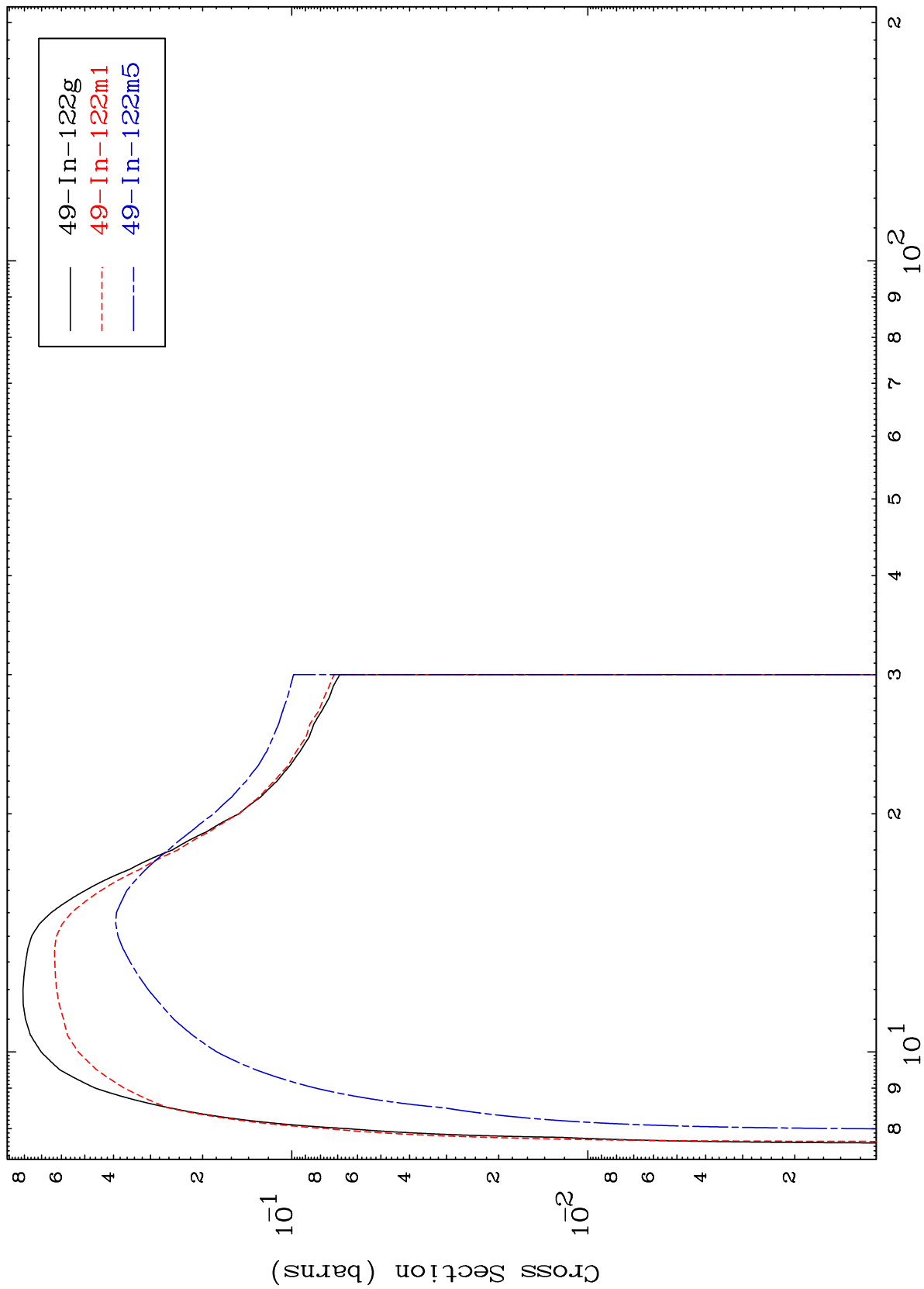
Incident Energy (MeV)

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49-In-123

(n,2n)

Radionuclide Production Cross Section



19

Incident Energy (MeV)

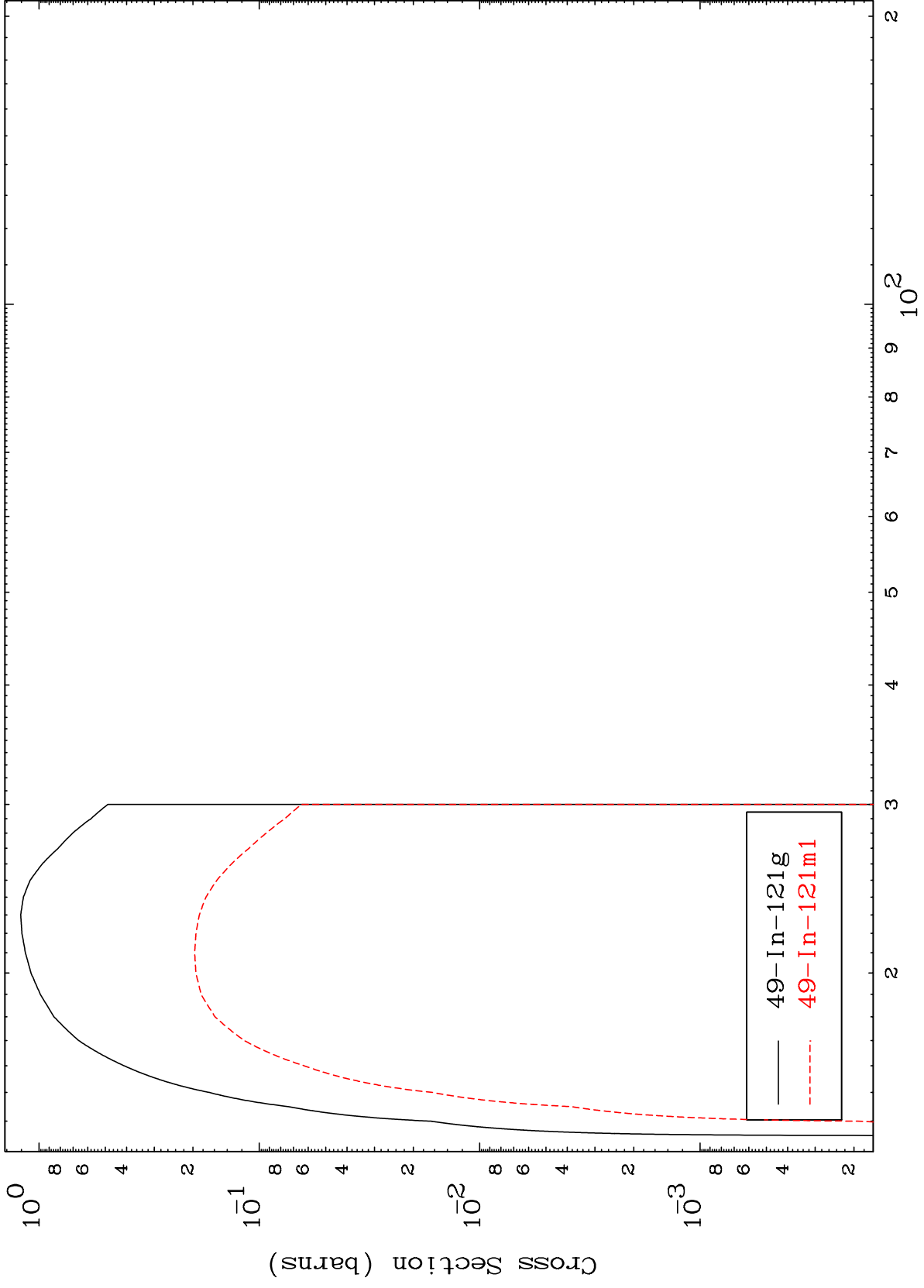
49-In-123

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(n,3n)

49-In-123

Radionuclide Production Cross Section



20

Incident Energy (MeV)

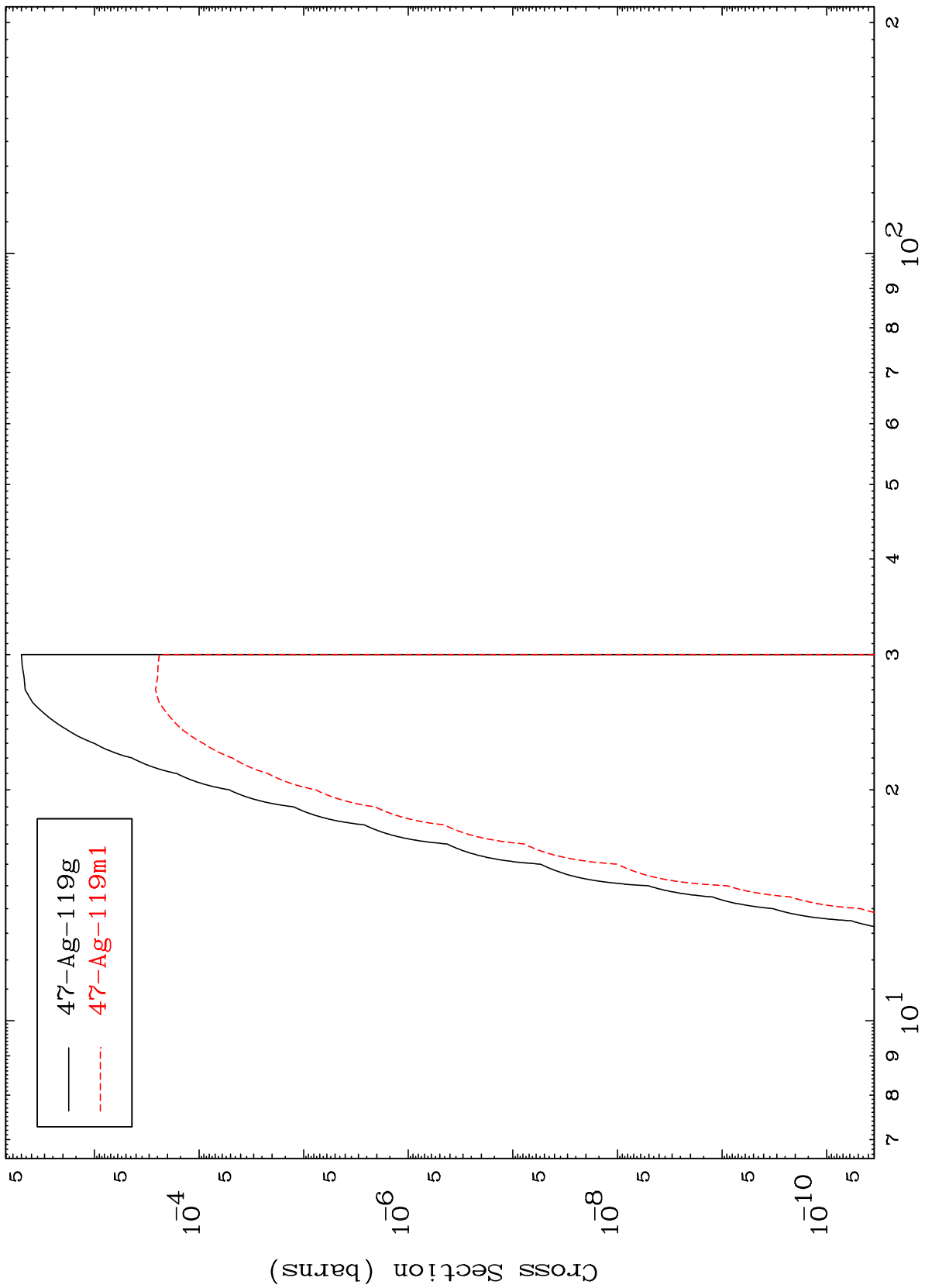
49-In-123

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(n,n') α

49-In-123

Radionuclide Production Cross Section



21

Incident Energy (MeV)

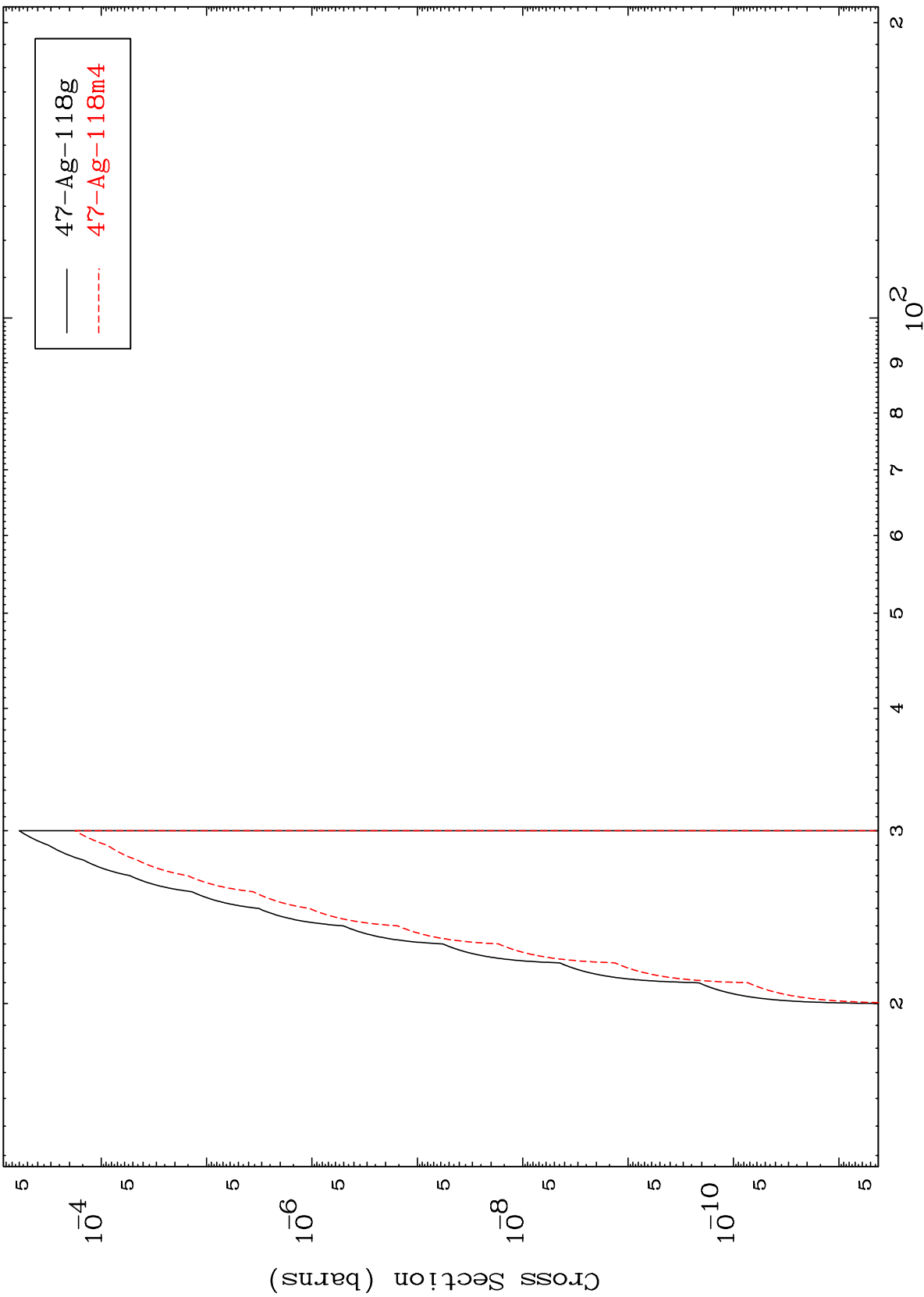
49-In-123

MAT 4956

(n,2n) α

49-In-123

Radionuclide Production Cross Section

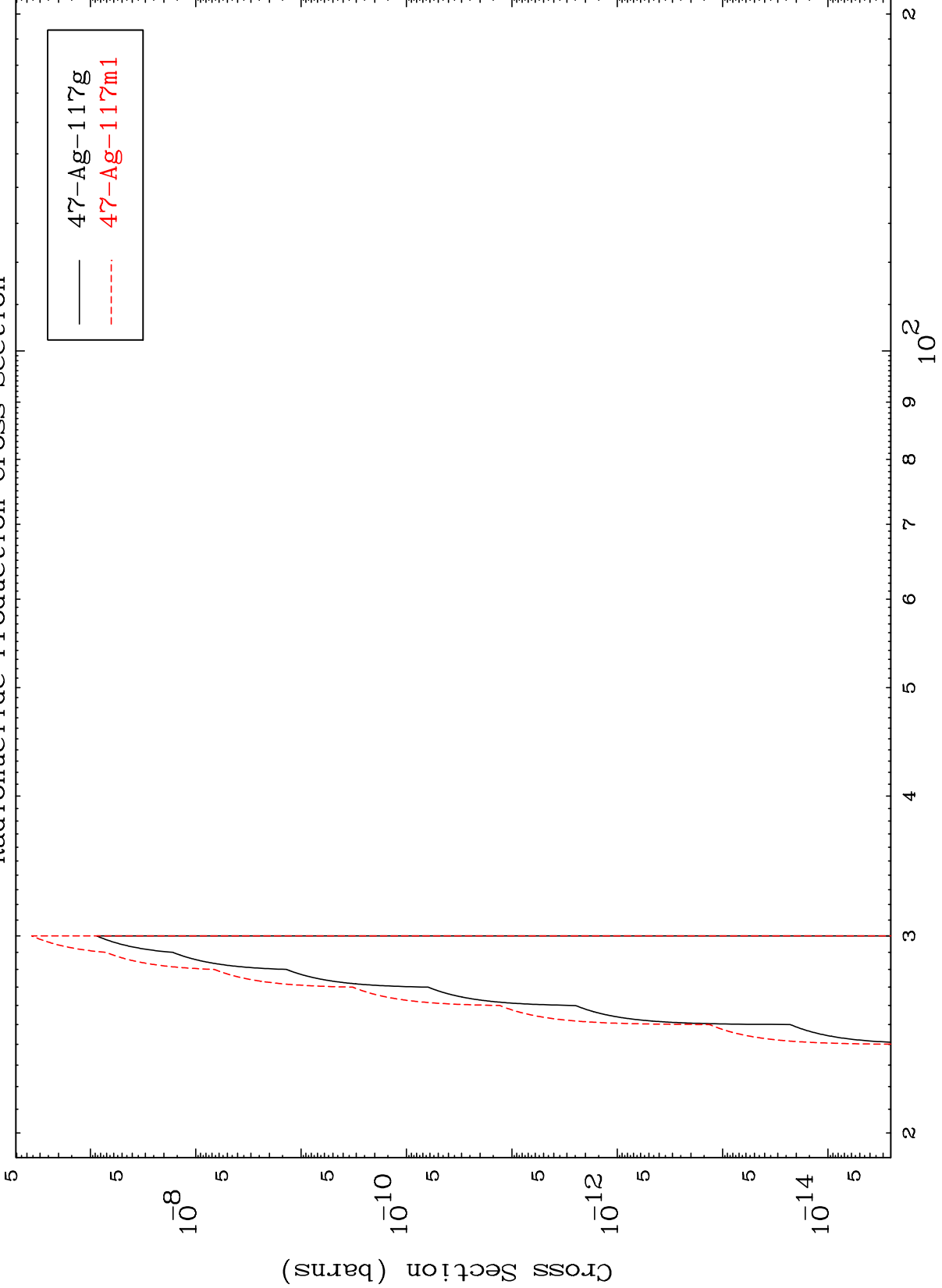


MAT 4956

(n,3n) α

49-In-123

Radionuclide Production Cross Section



23

Incident Energy (MeV)

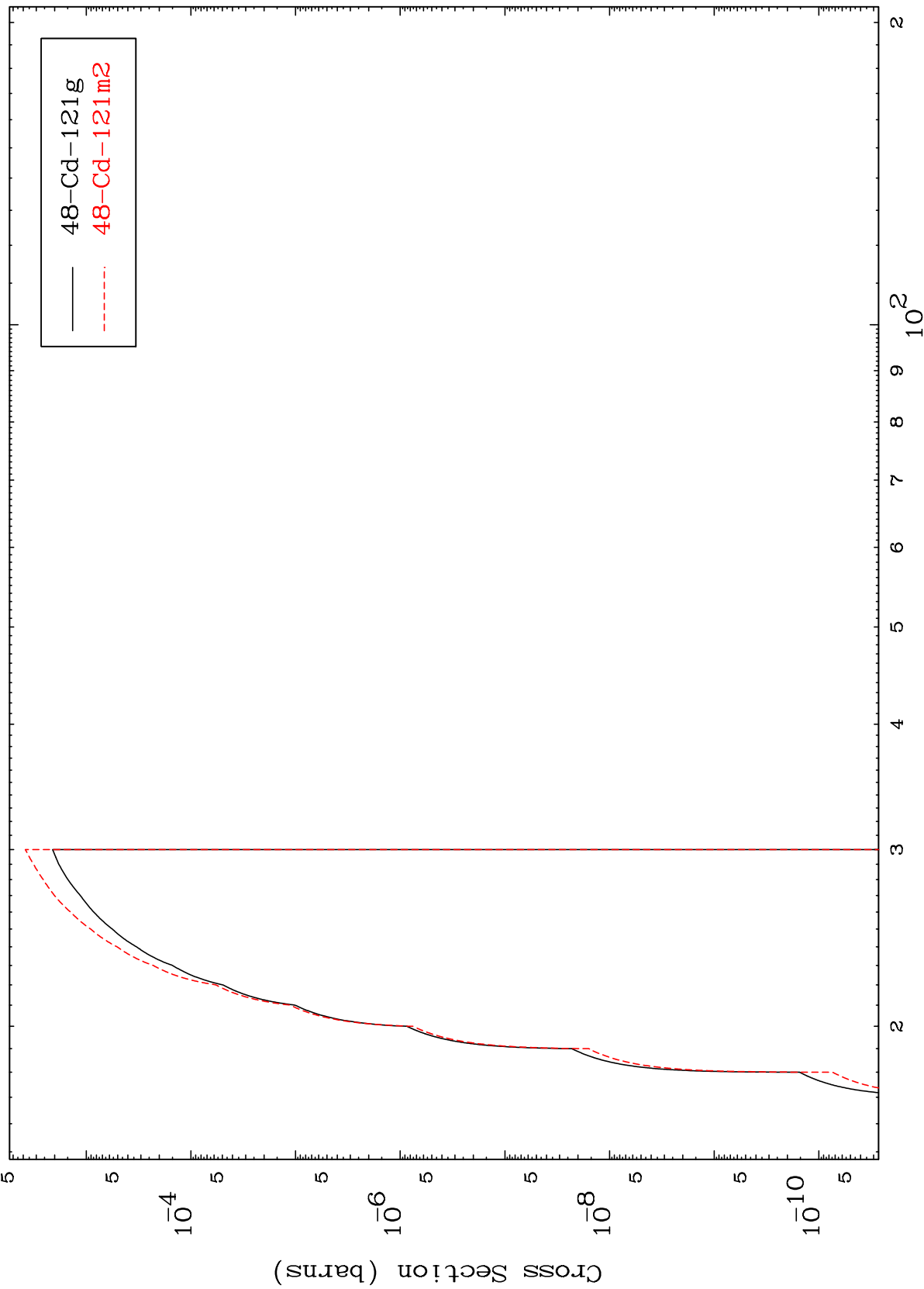
49-In-123

MAT 4956

(n,n') d

49-In-123

Radionuclide Production Cross Section

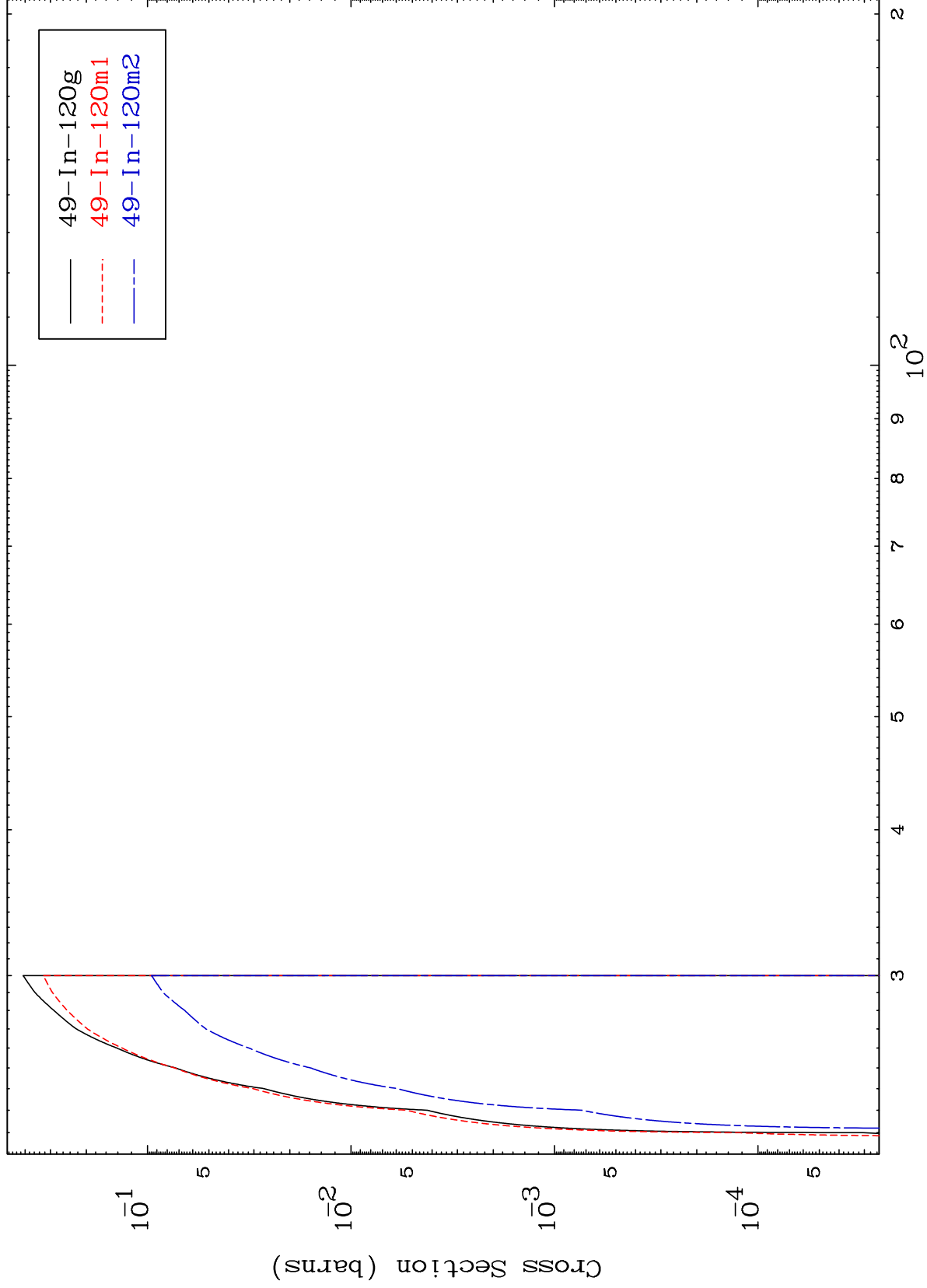


24

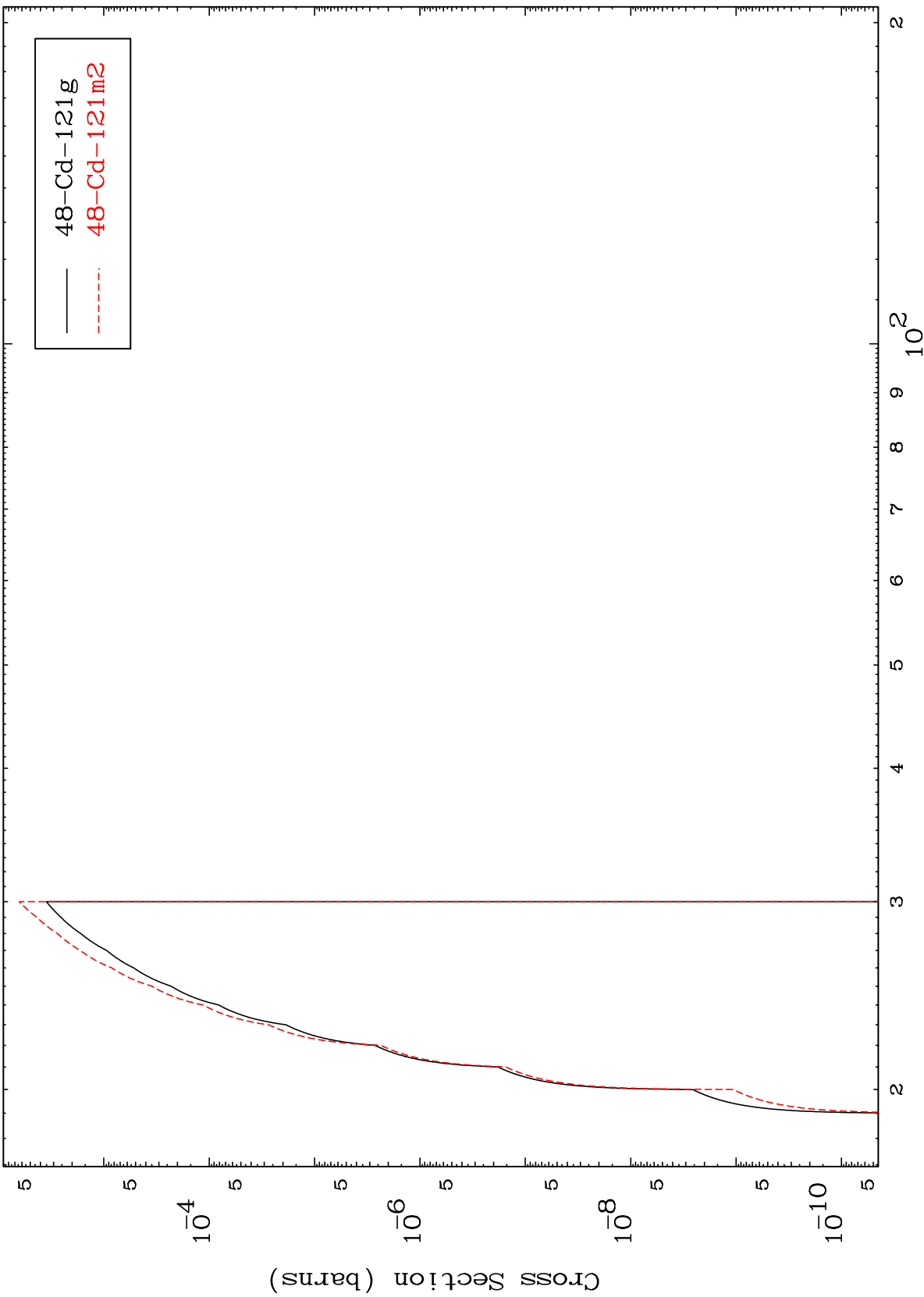
Incident Energy (MeV)

49-In-123

Radionuclide Production Cross Section



Radionuclide Production Cross Section

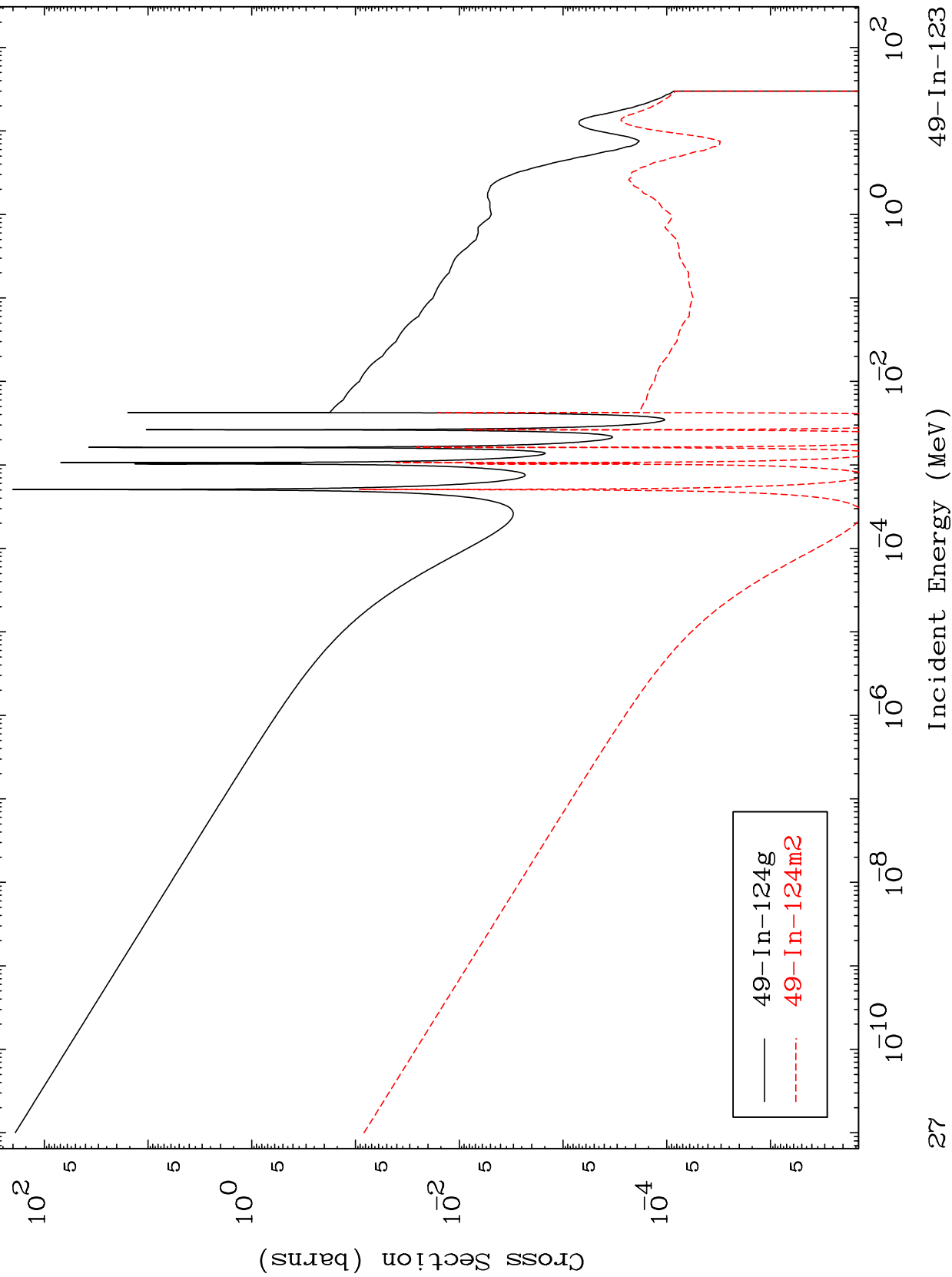


— 48-Cd-121g
- - - 48-Cd-121m2

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49-In-123

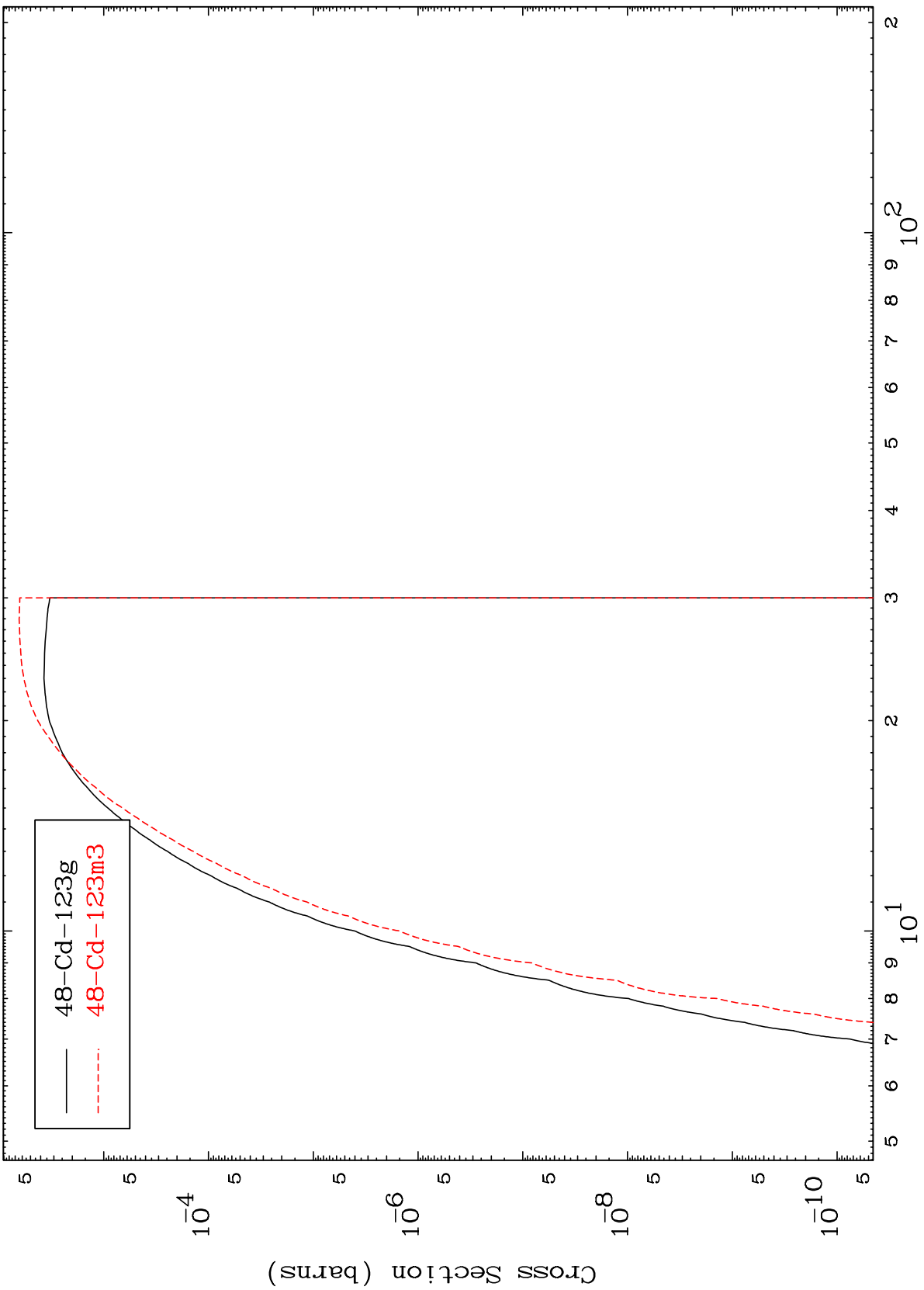
(n,γ)
Radionuclide Production Cross Section



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49-In-123

Radionuclide Production Cross Section (n,p)



48-Cd-123g
48-Cd-123m3

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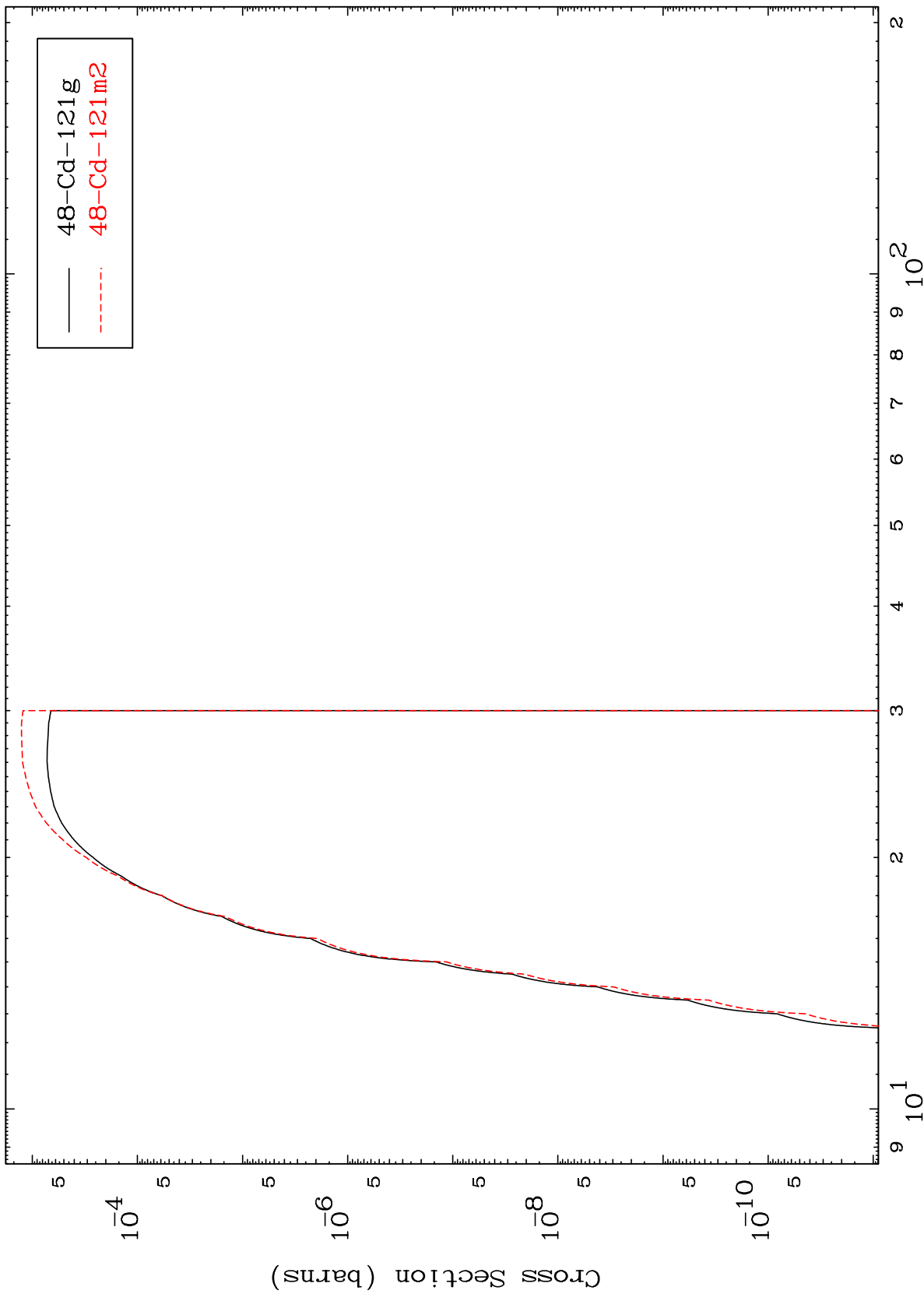
Incident Energy (MeV)

49-In-123

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49-In-123

(n,t)
Radionuclide Production Cross Section



29

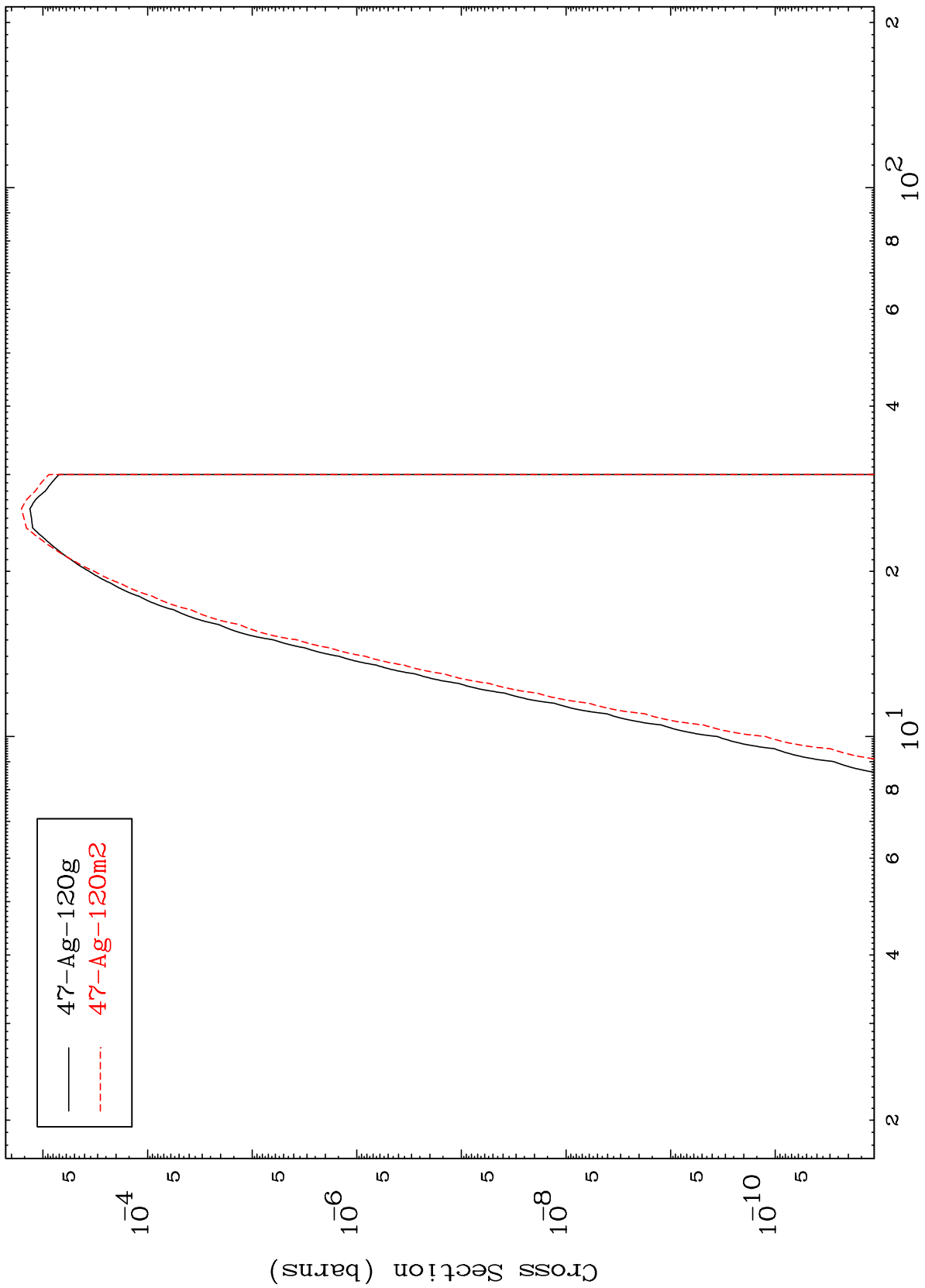
Incident Energy (MeV)

49-In-123

MAT 4956

49-In-123

(n, α)
Radionuclide Production Cross Section



— 47-Ag-120g
- - - 47-Ag-120m2

30

49-In-123

Incident Energy (MeV)