

Program EVALPLOT
(Version 2018-1)

by

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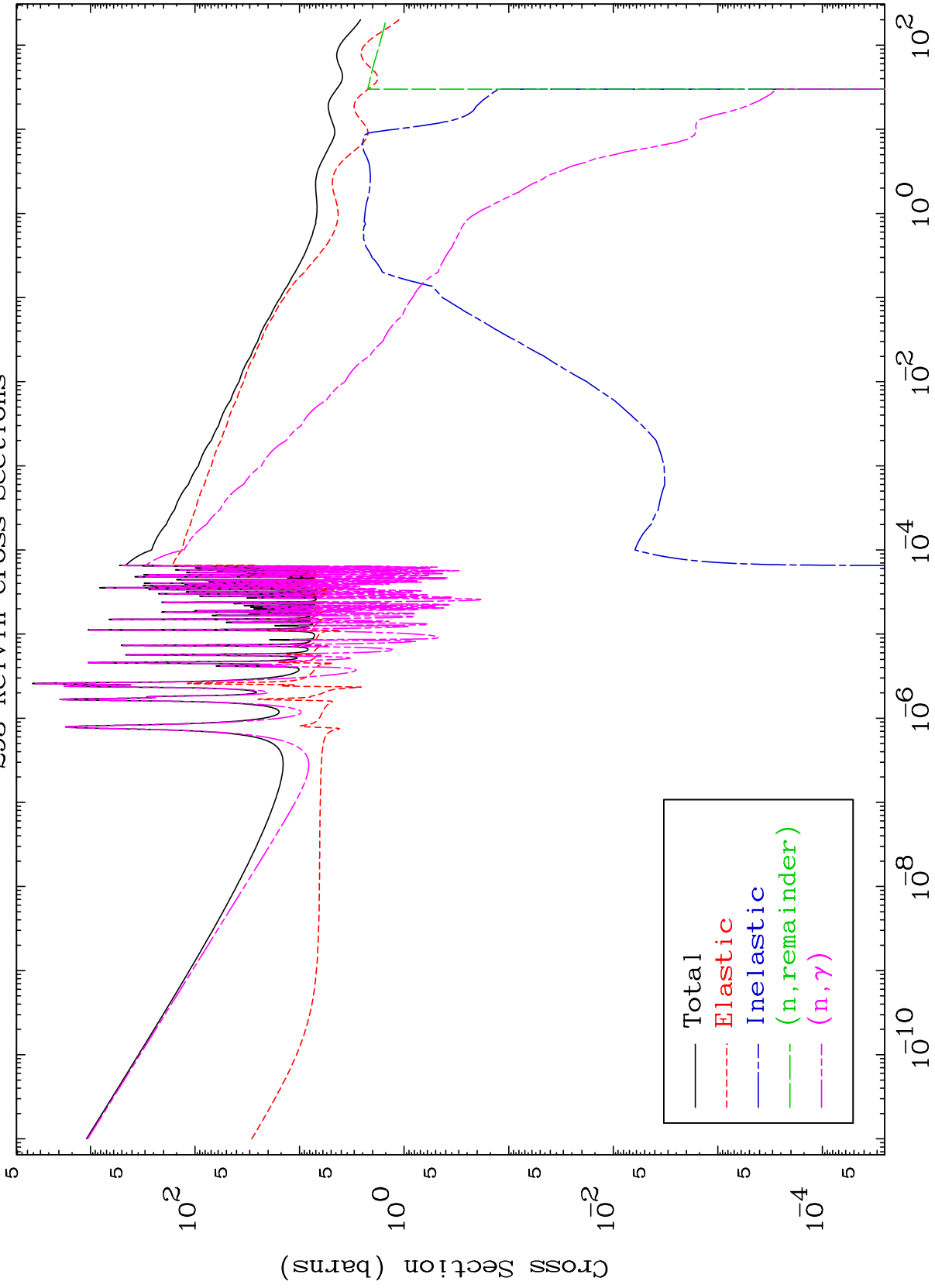
Press Mouse Button to Start

MAT 7114

Major

293 Kelvin Cross Sections

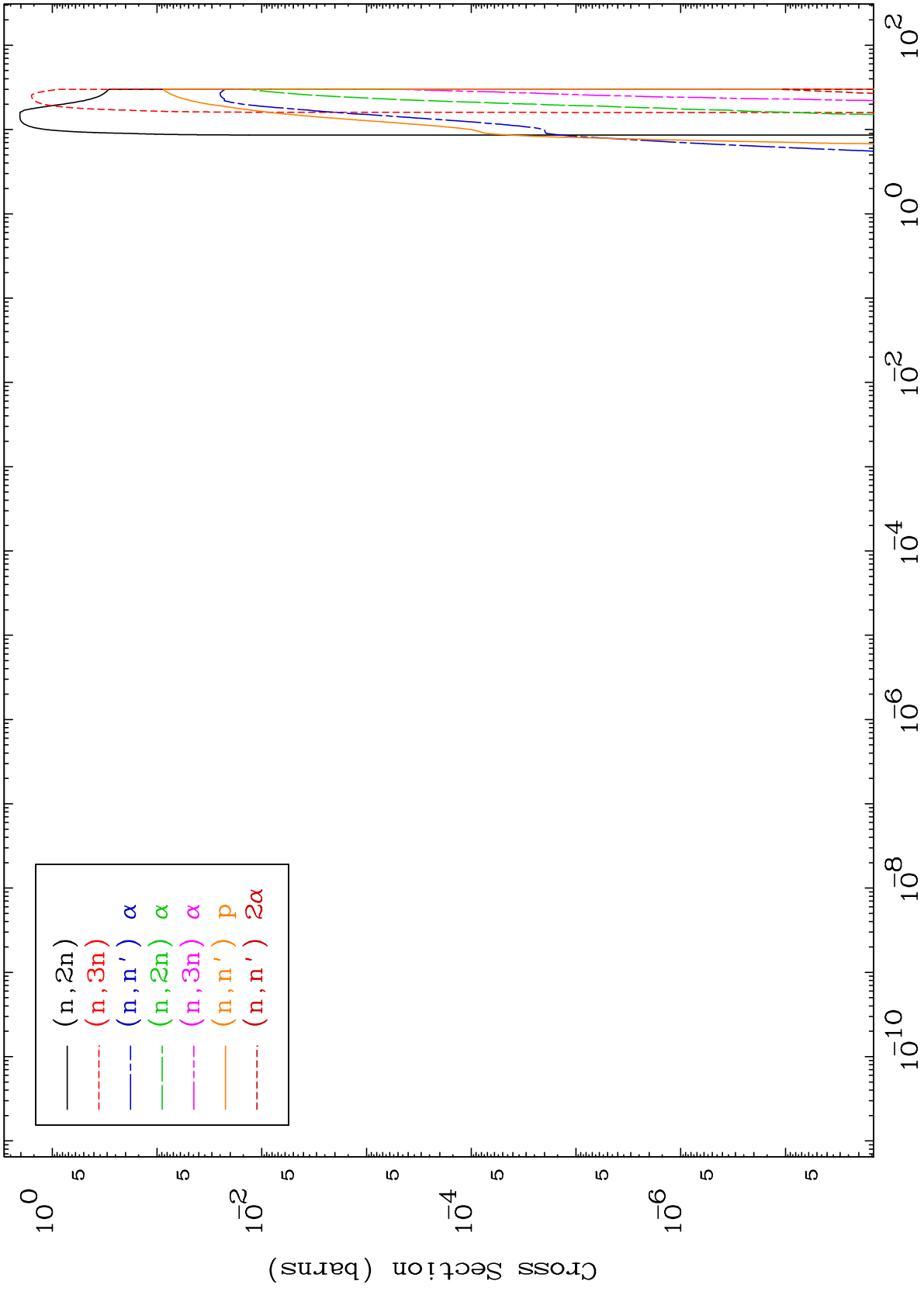
71-Lu-171



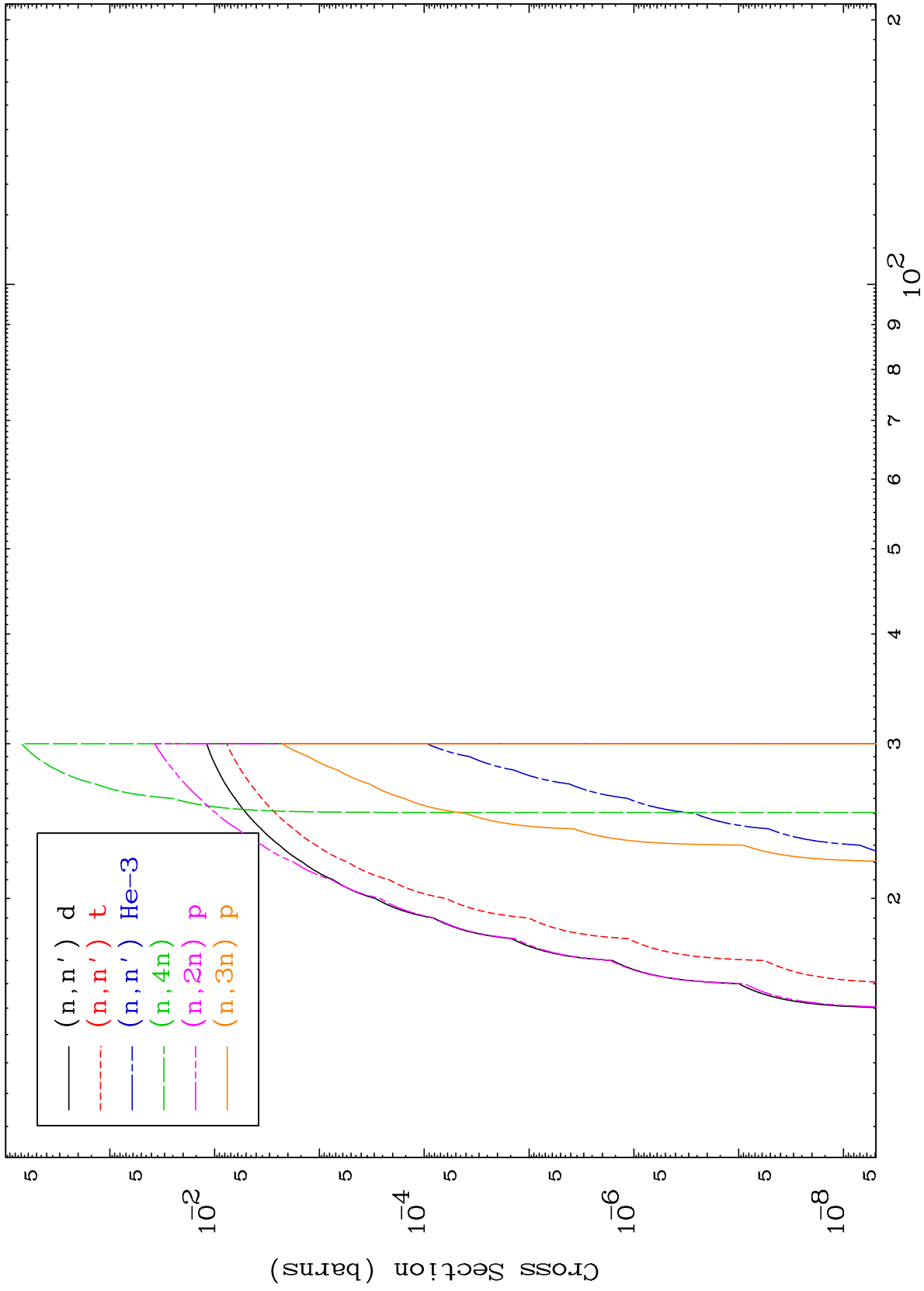
MAT 7114

Neutron Production
293 Kelvin Cross Sections

71-Lu-171



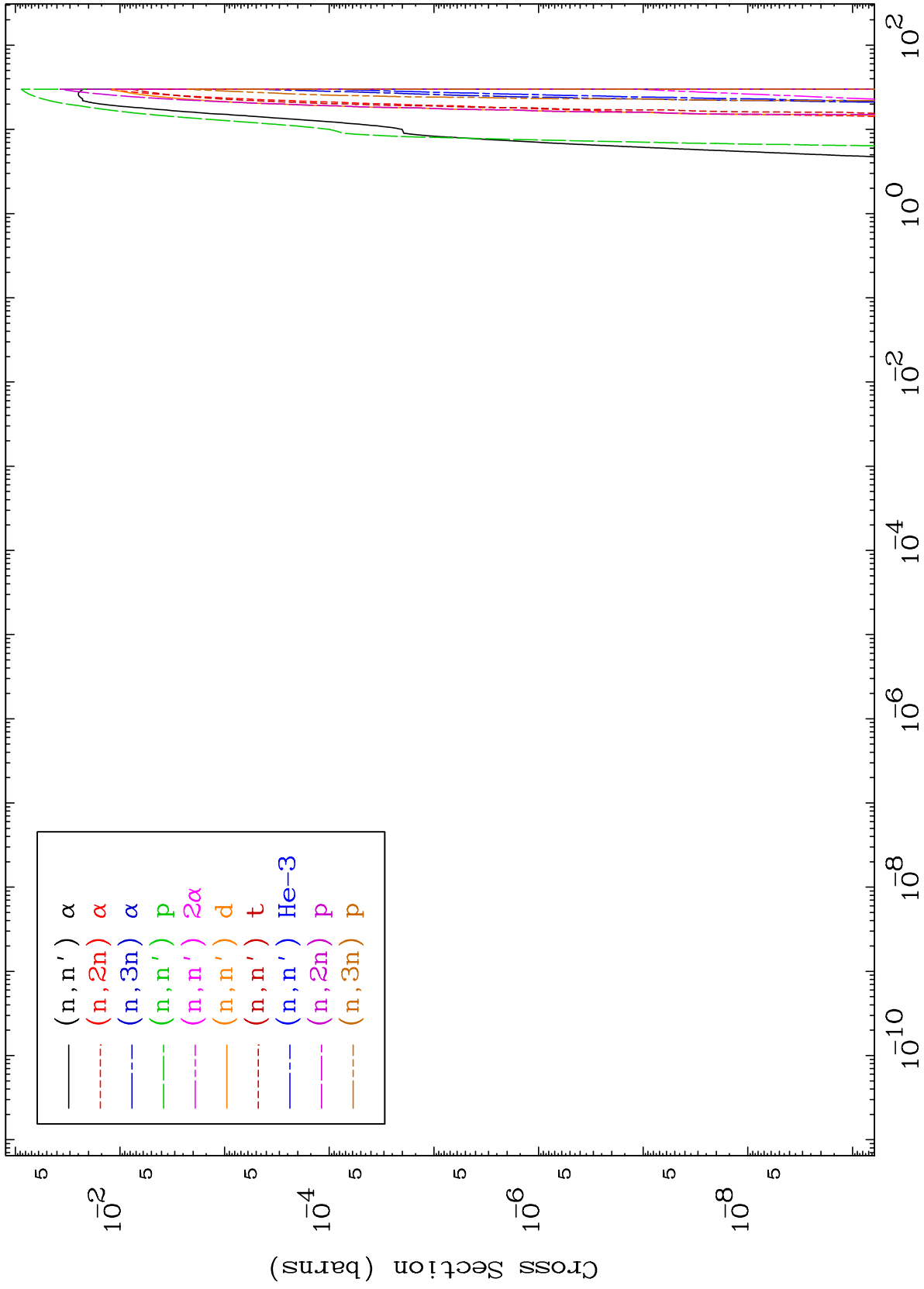
71-Lu-171



MAT 7114

293 Charged Particle
Kelvin Cross Sections

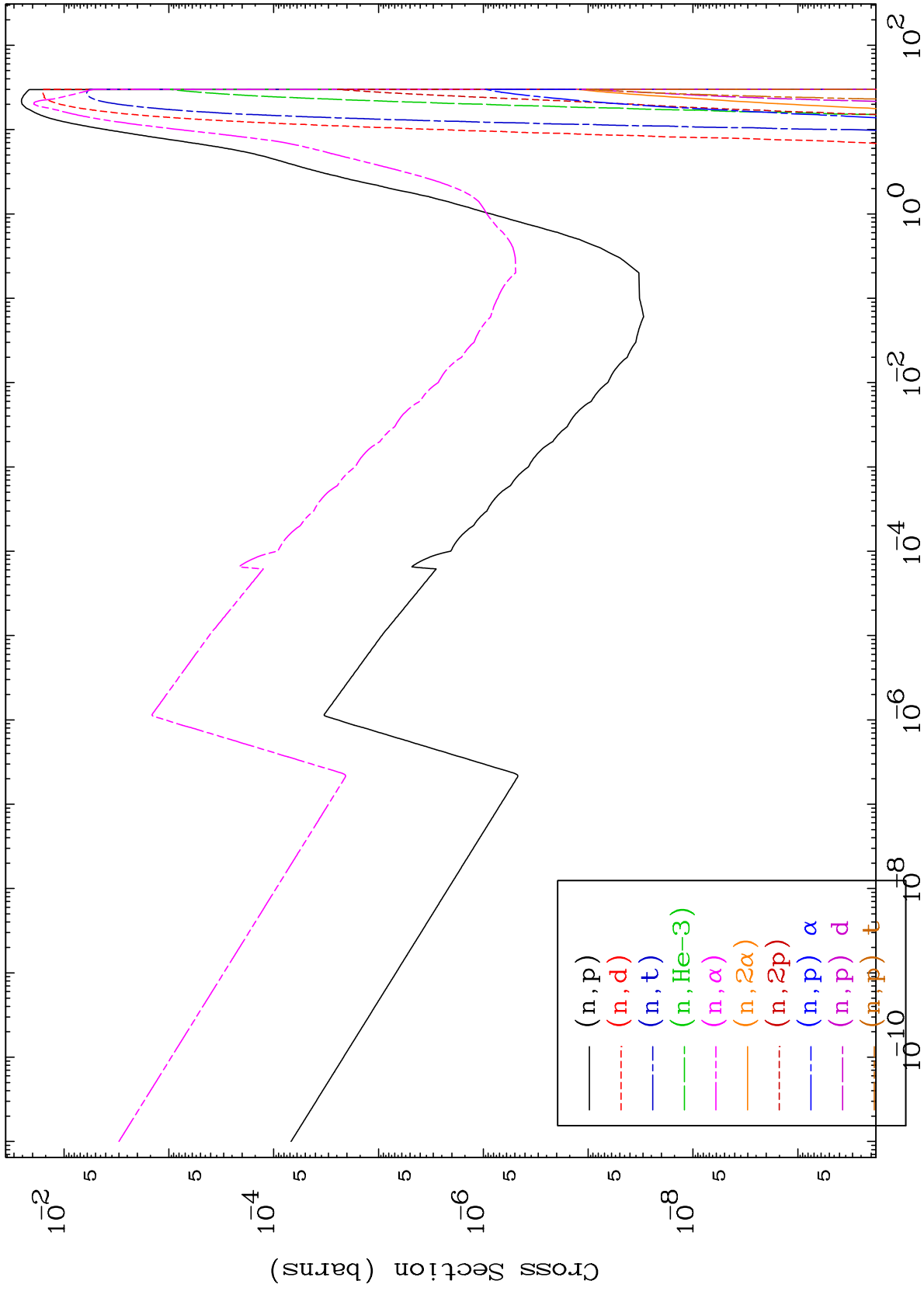
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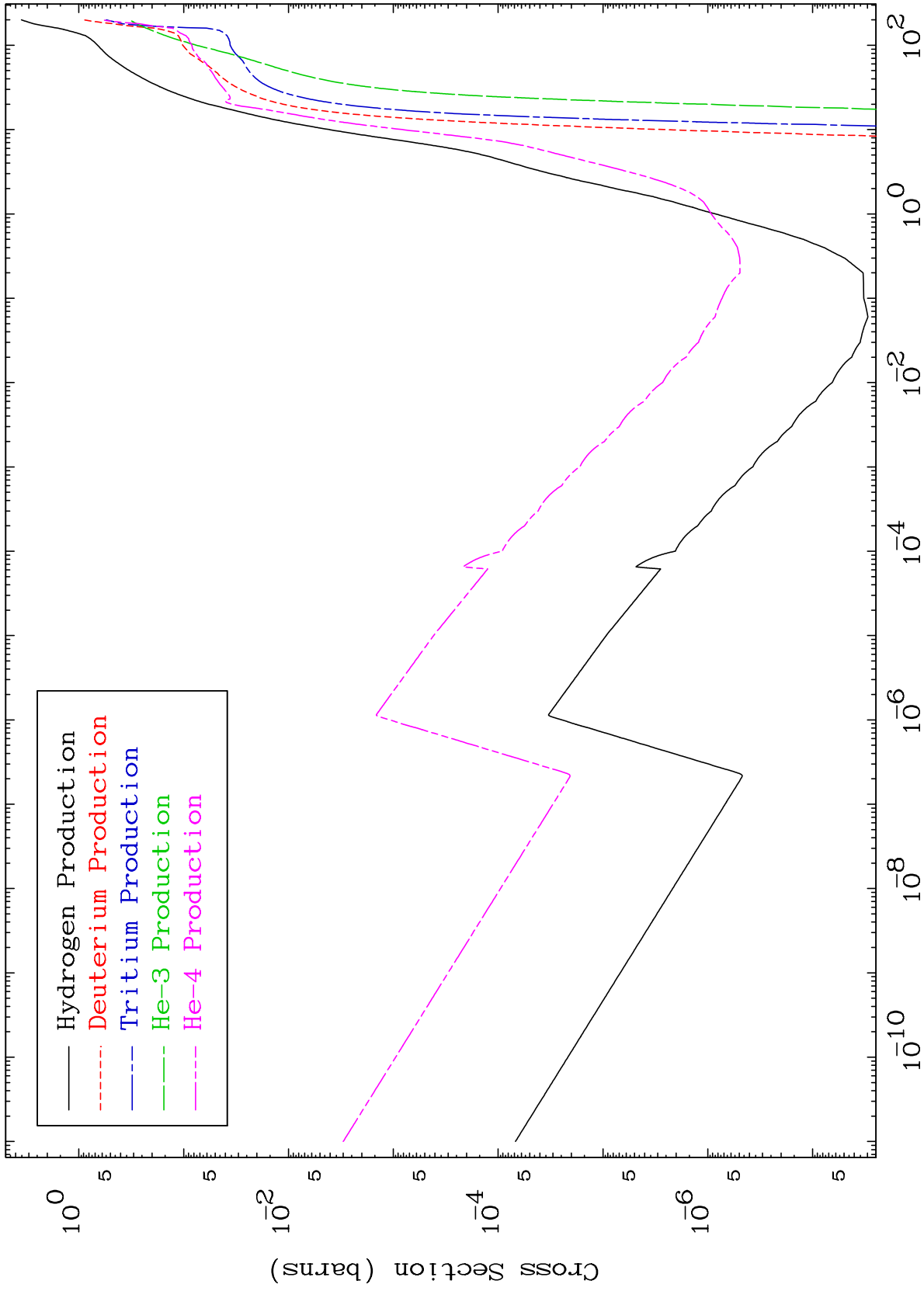


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293 Kelvin Cross Sections

71-Lu-171

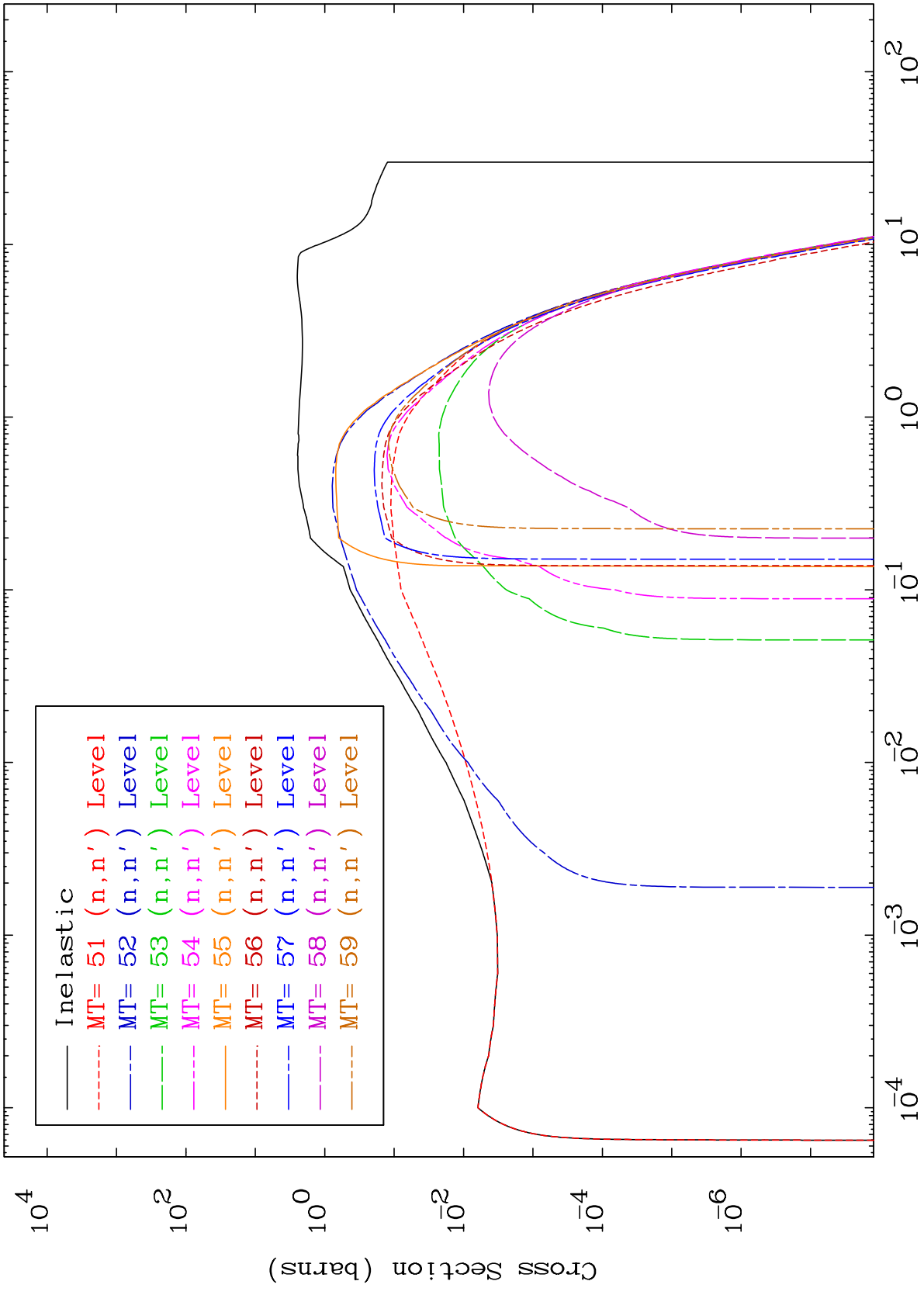




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293 Kelvin Cross Sections
(n,n') Level

71-Lu-171

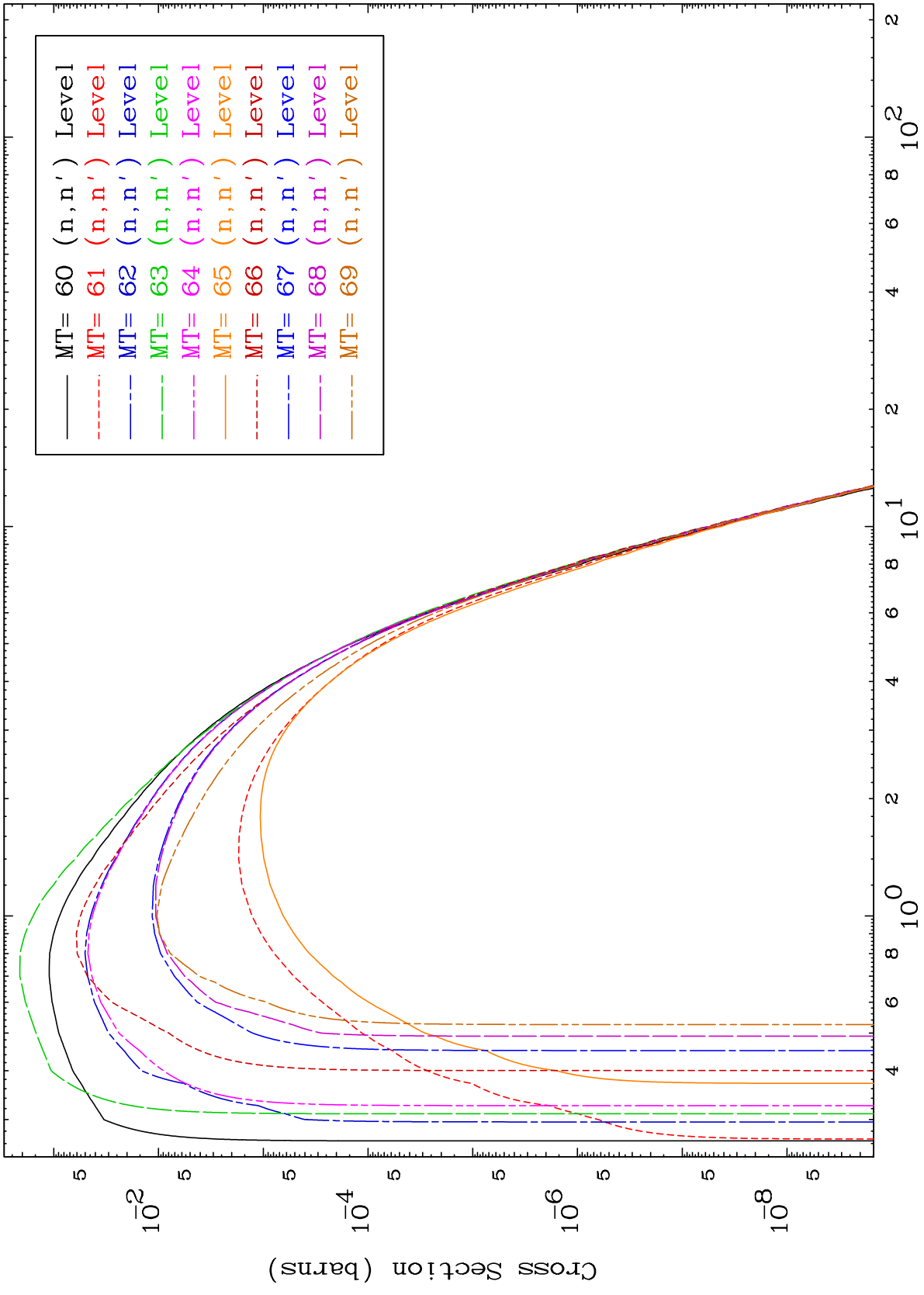


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(n,n') Level

71-Lu-171

293 Kelvin Cross Sections



8

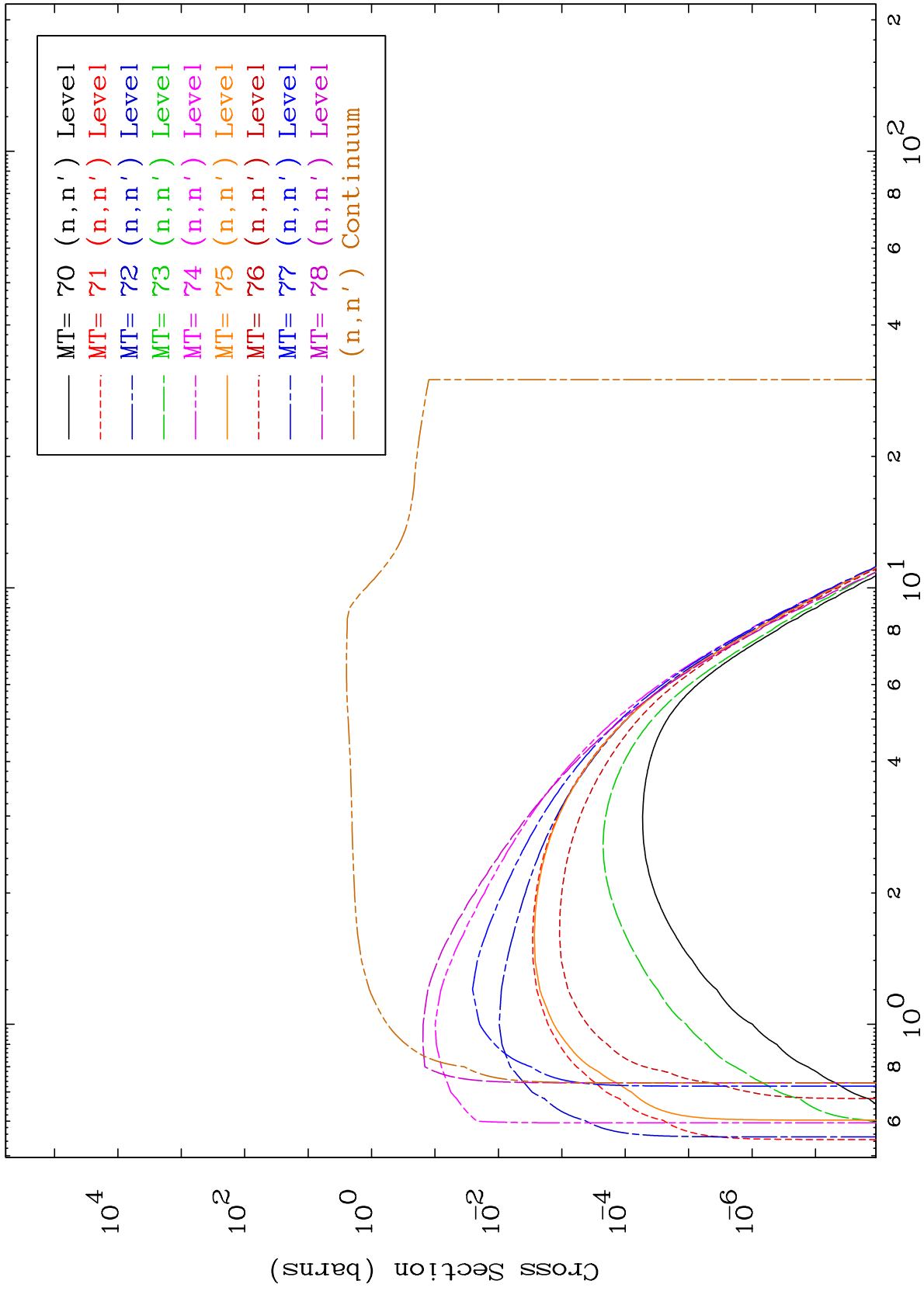
Incident Energy (MeV)

71-Lu-171

MAT 7114

(n,n') Level
293 Kelvin Cross Sections

71-Lu-171



9

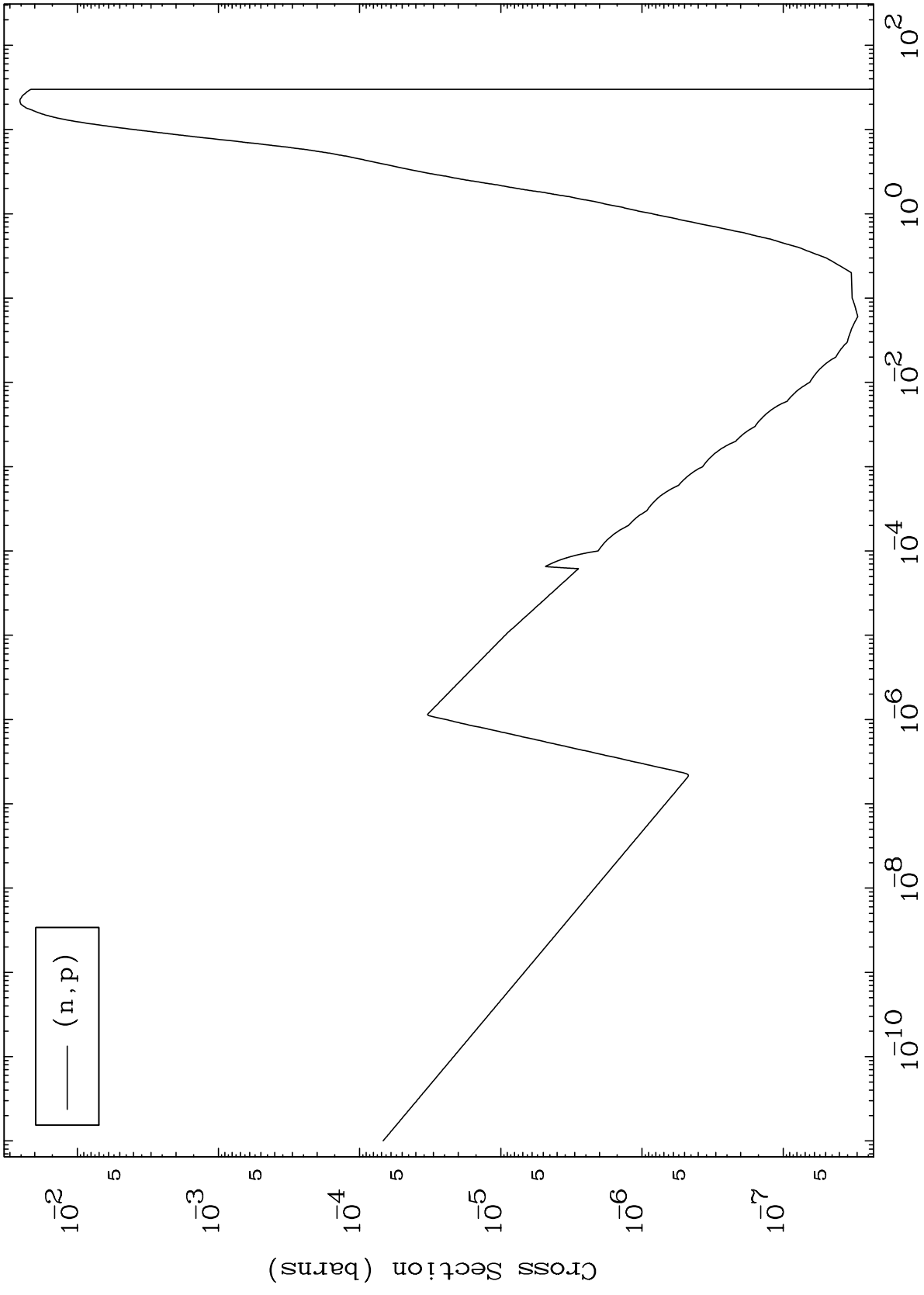
Incident Energy (MeV)

71-Lu-171

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(n,p) Levels
293 Kelvin Cross Sections

71-Lu-171



10

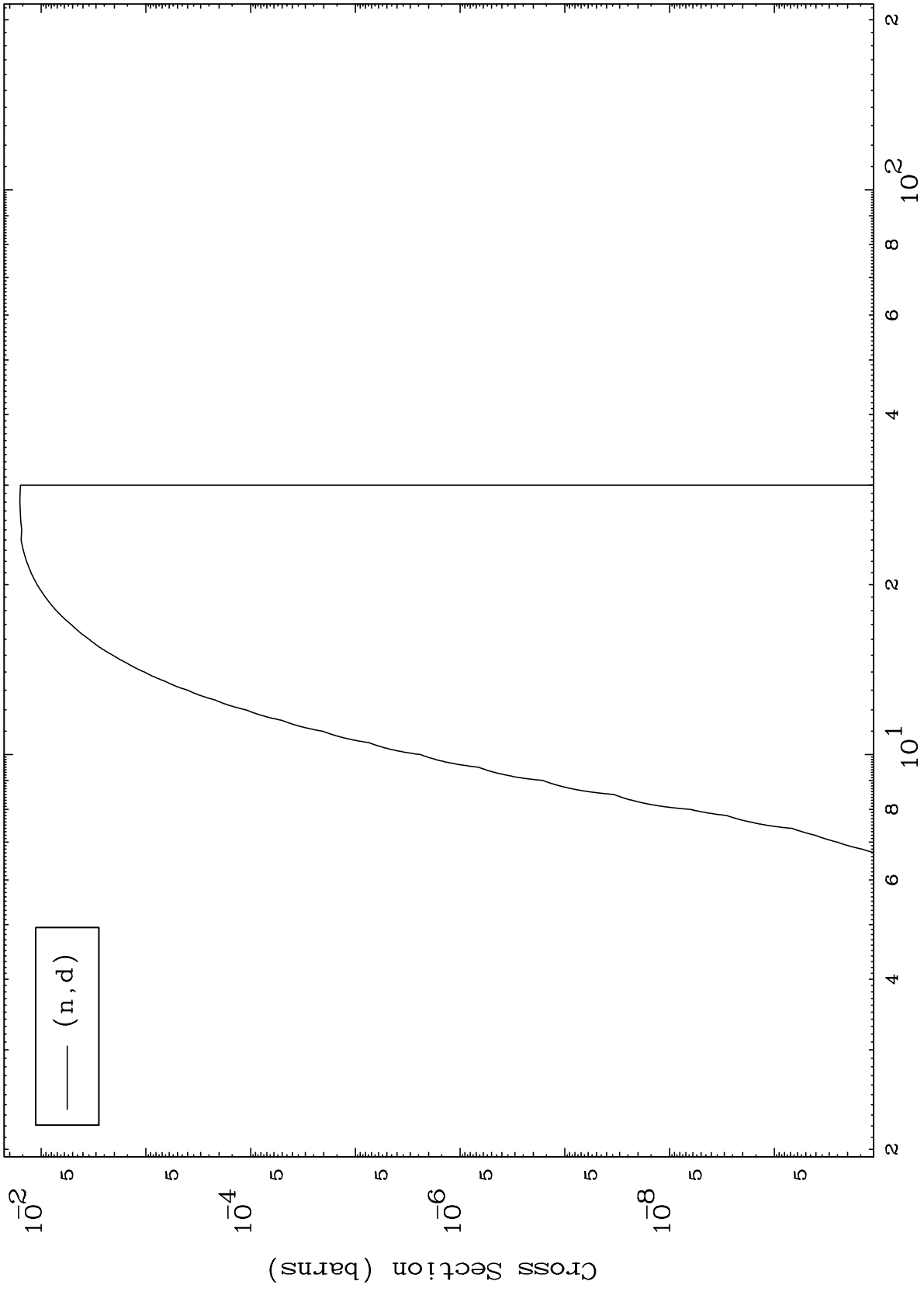
Incident Energy (MeV)

71-Lu-171

MAT 7114

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-171

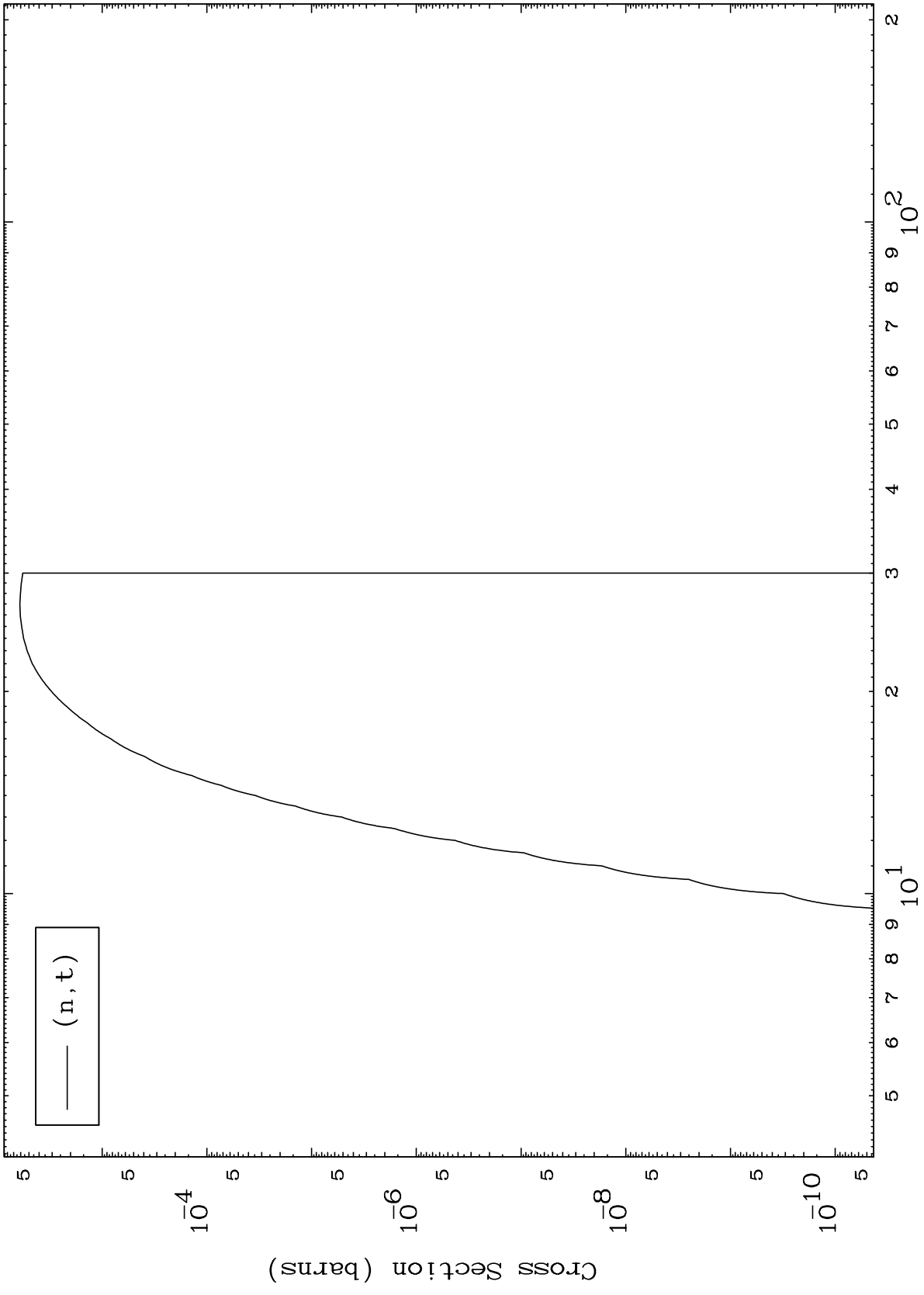


(n,d)

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(n,t) Levels
293 Kelvin Cross Sections

71-Lu-171



12

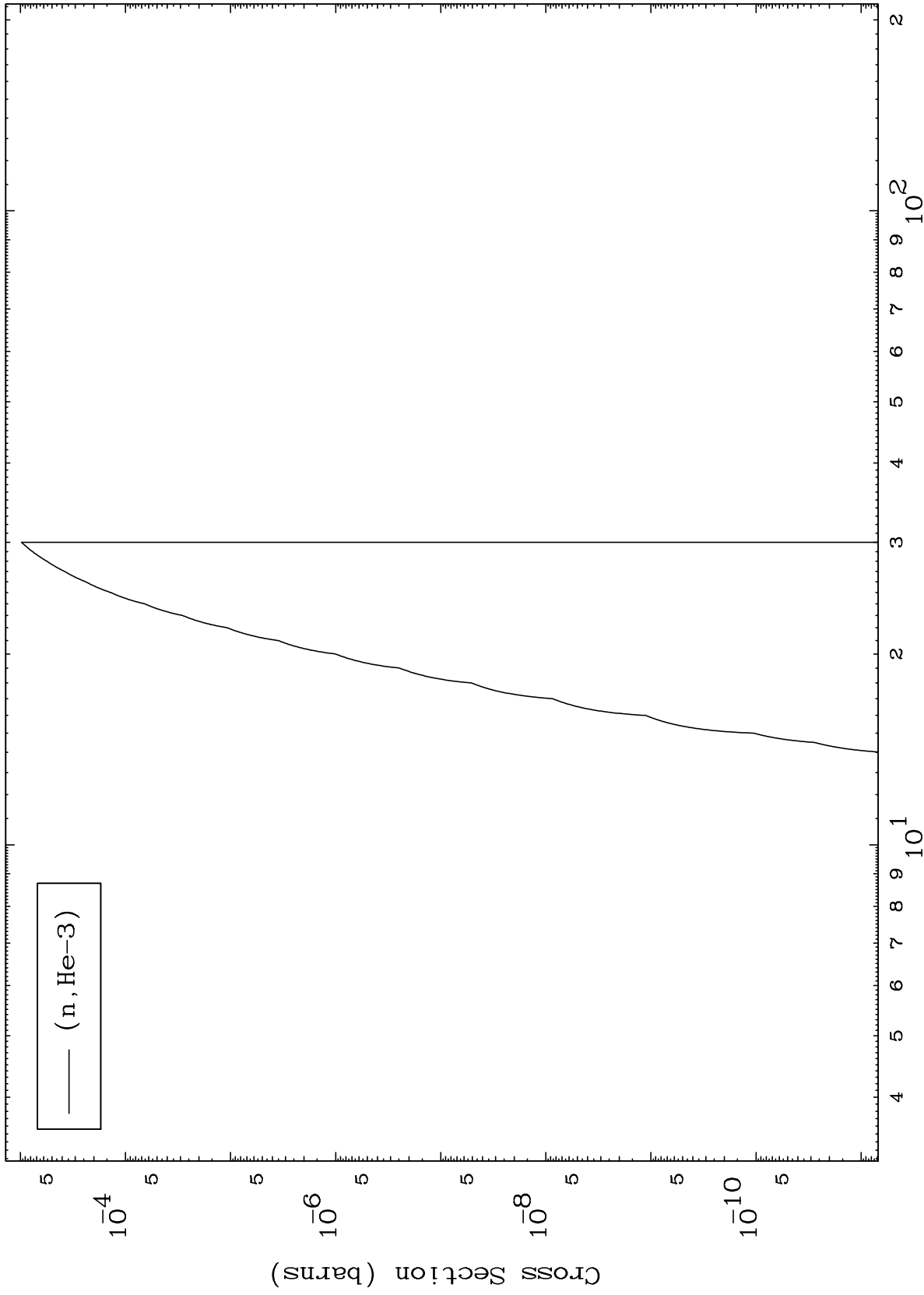
Incident Energy (MeV)

71-Lu-171

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(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-171



13

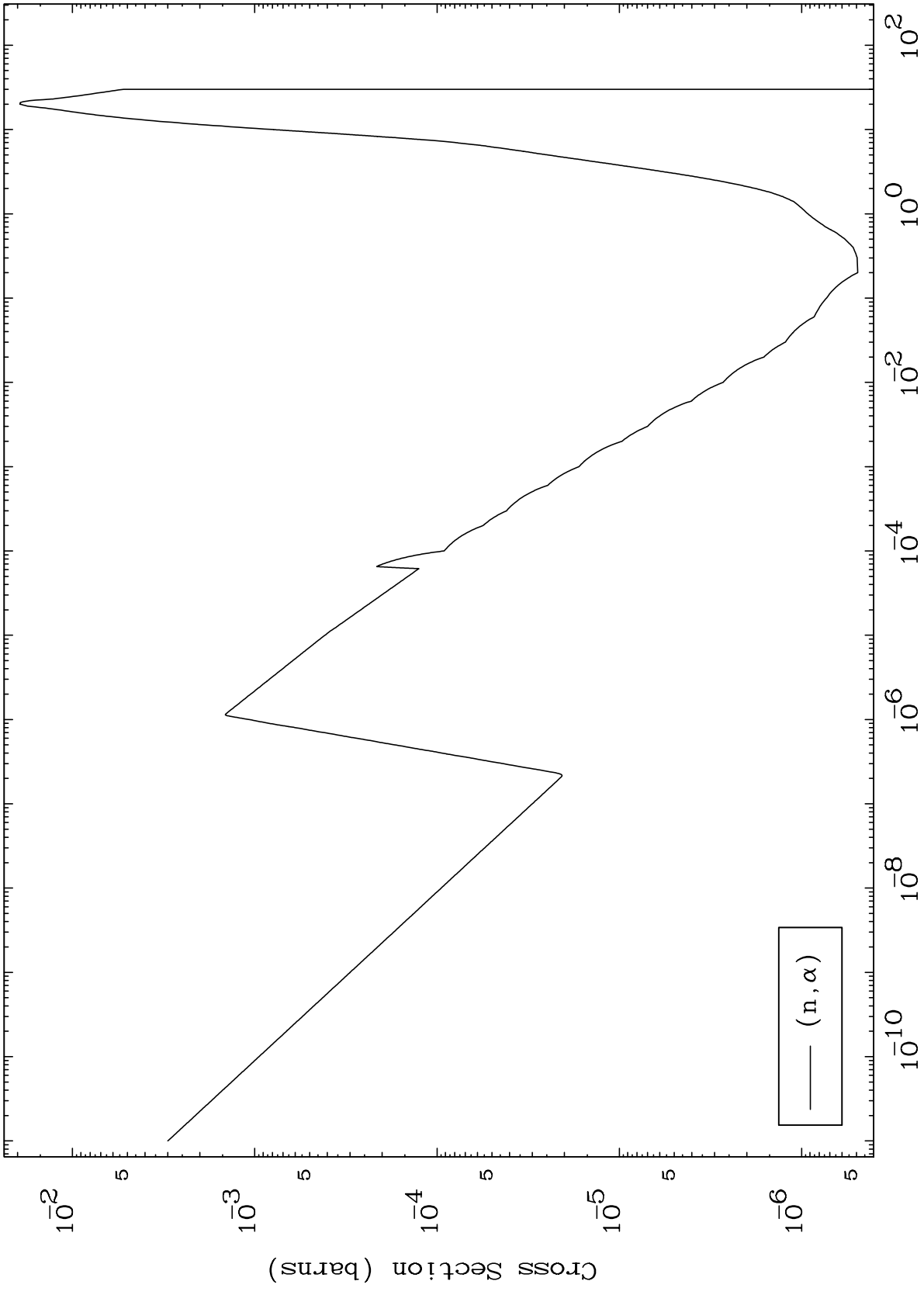
Incident Energy (MeV)

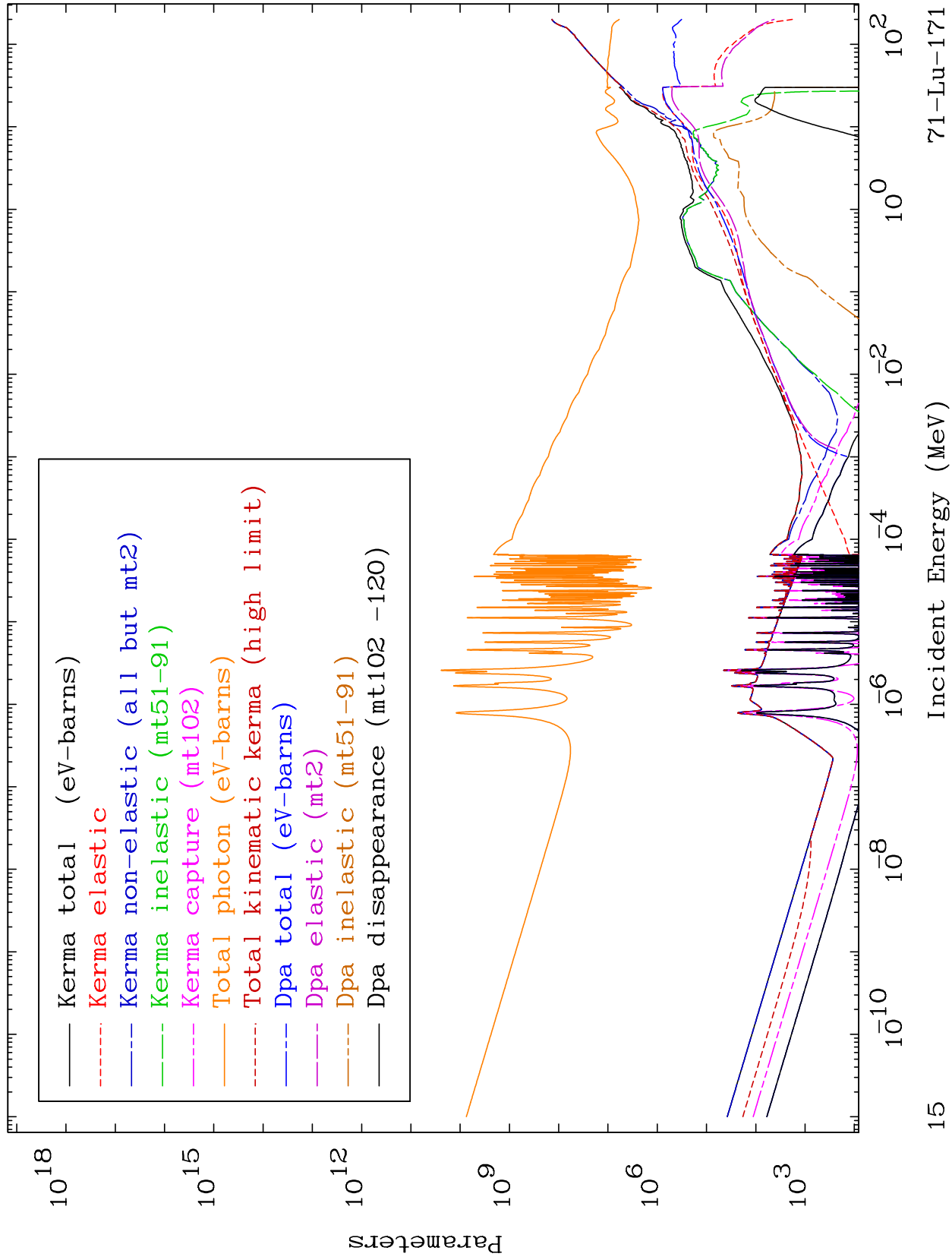
71-Lu-171

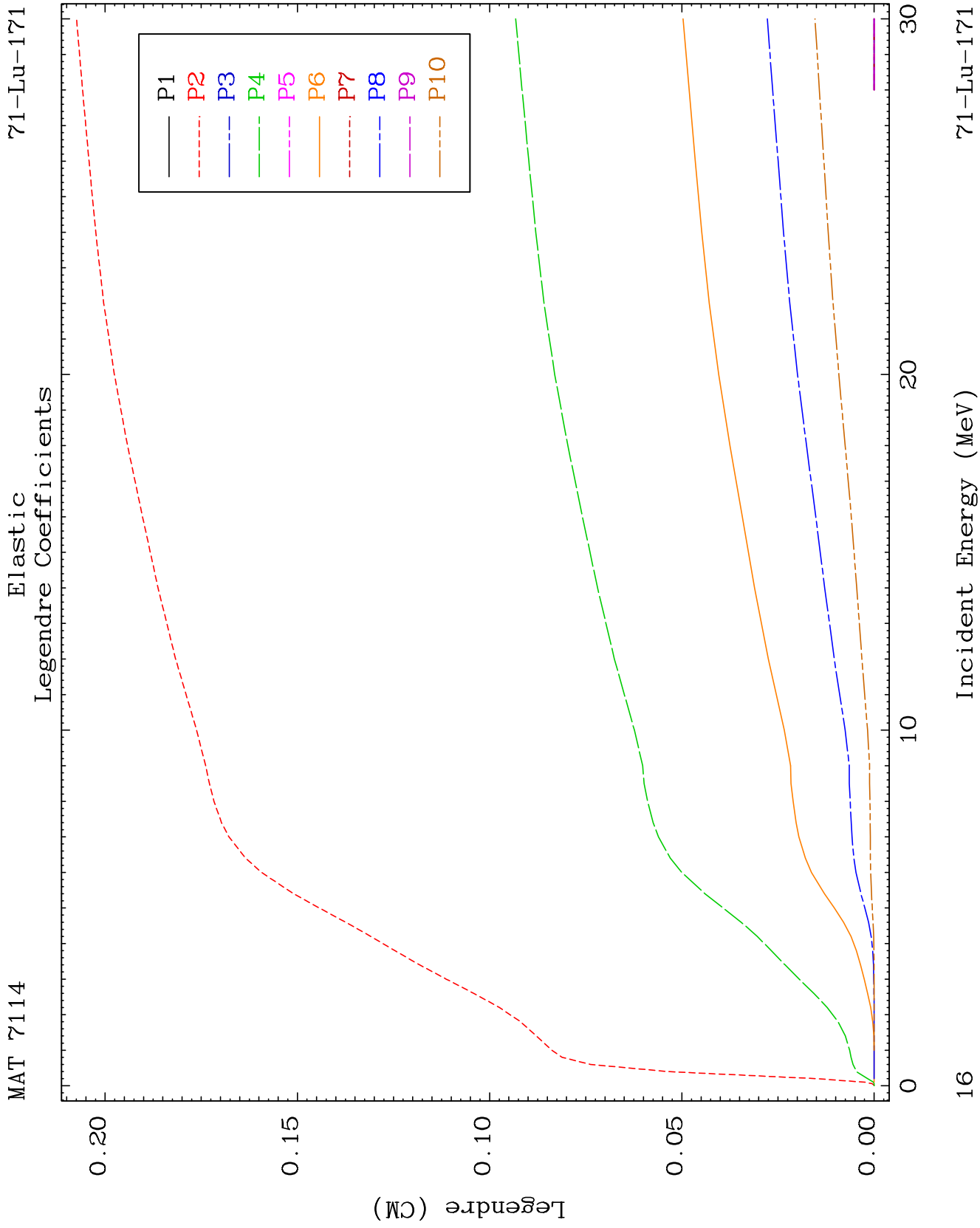
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(n,α) Levels
293 Kelvin Cross Sections

71-Lu-171



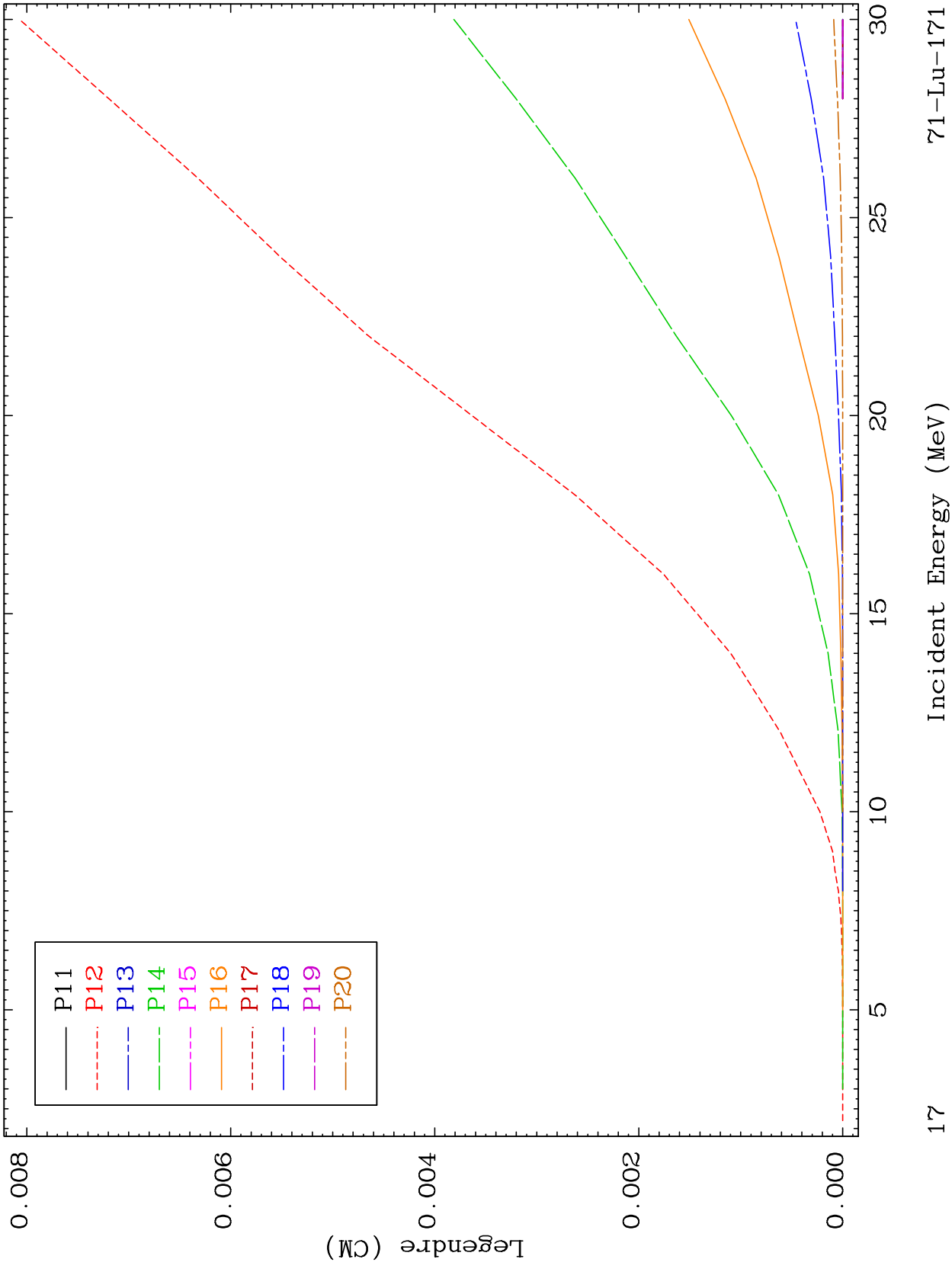




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Elastic Legendre Coefficients

71-Lu-171

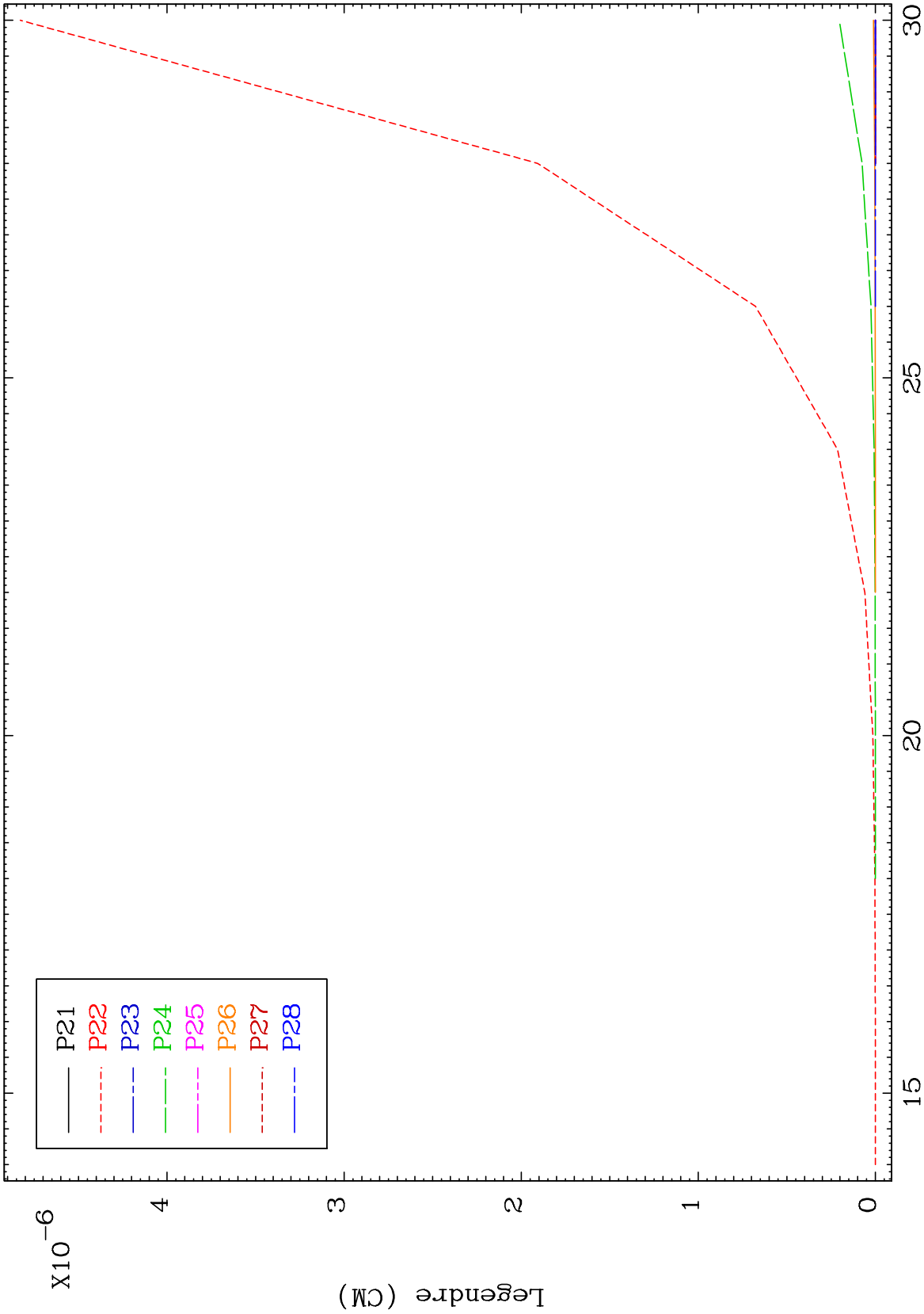


17

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Elastic Legendre Coefficients

71-Lu-171



18

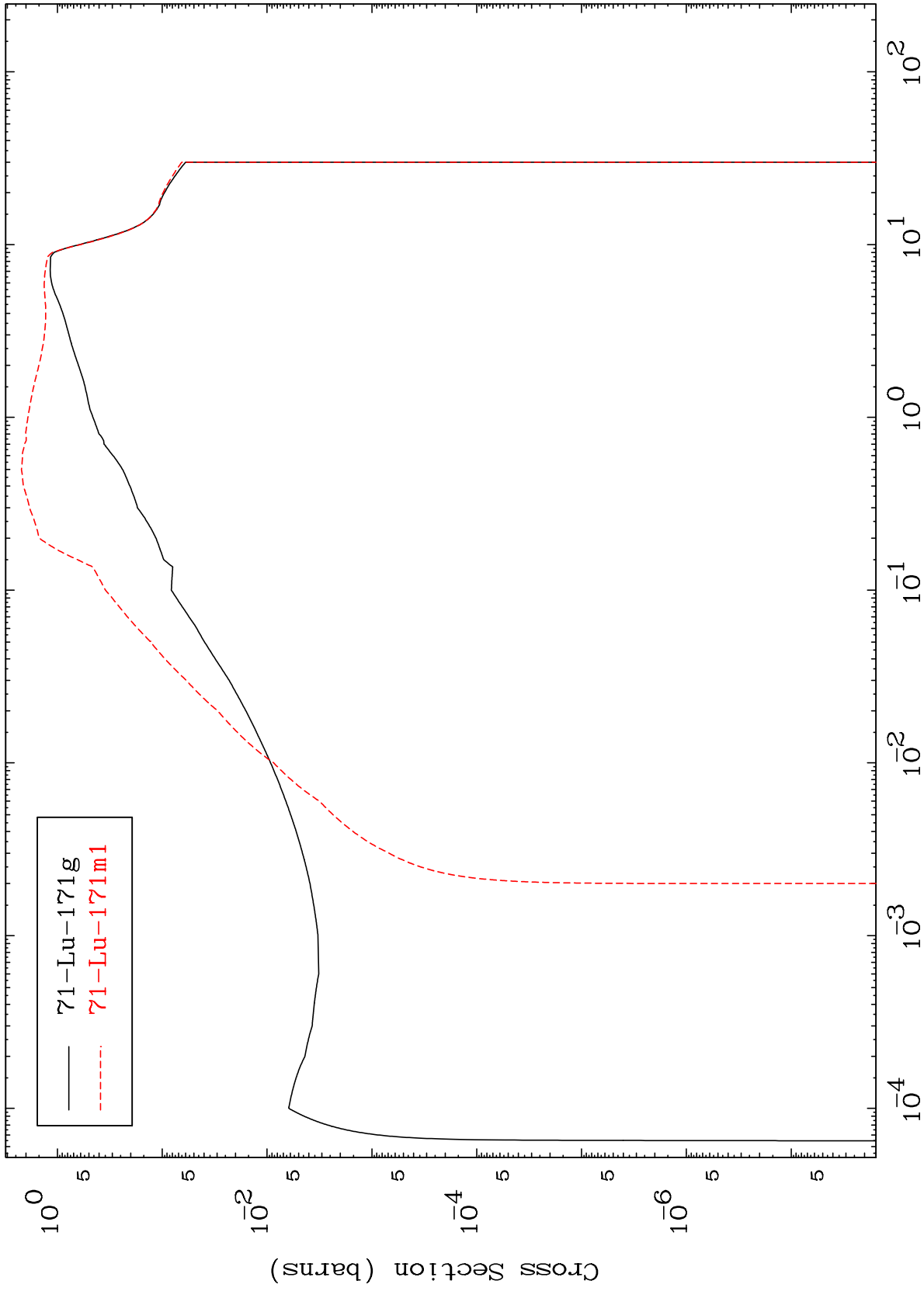
Incident Energy (MeV)

71-Lu-171

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71-Lu-171

Inelastic
Radionuclide Production Cross Section



19

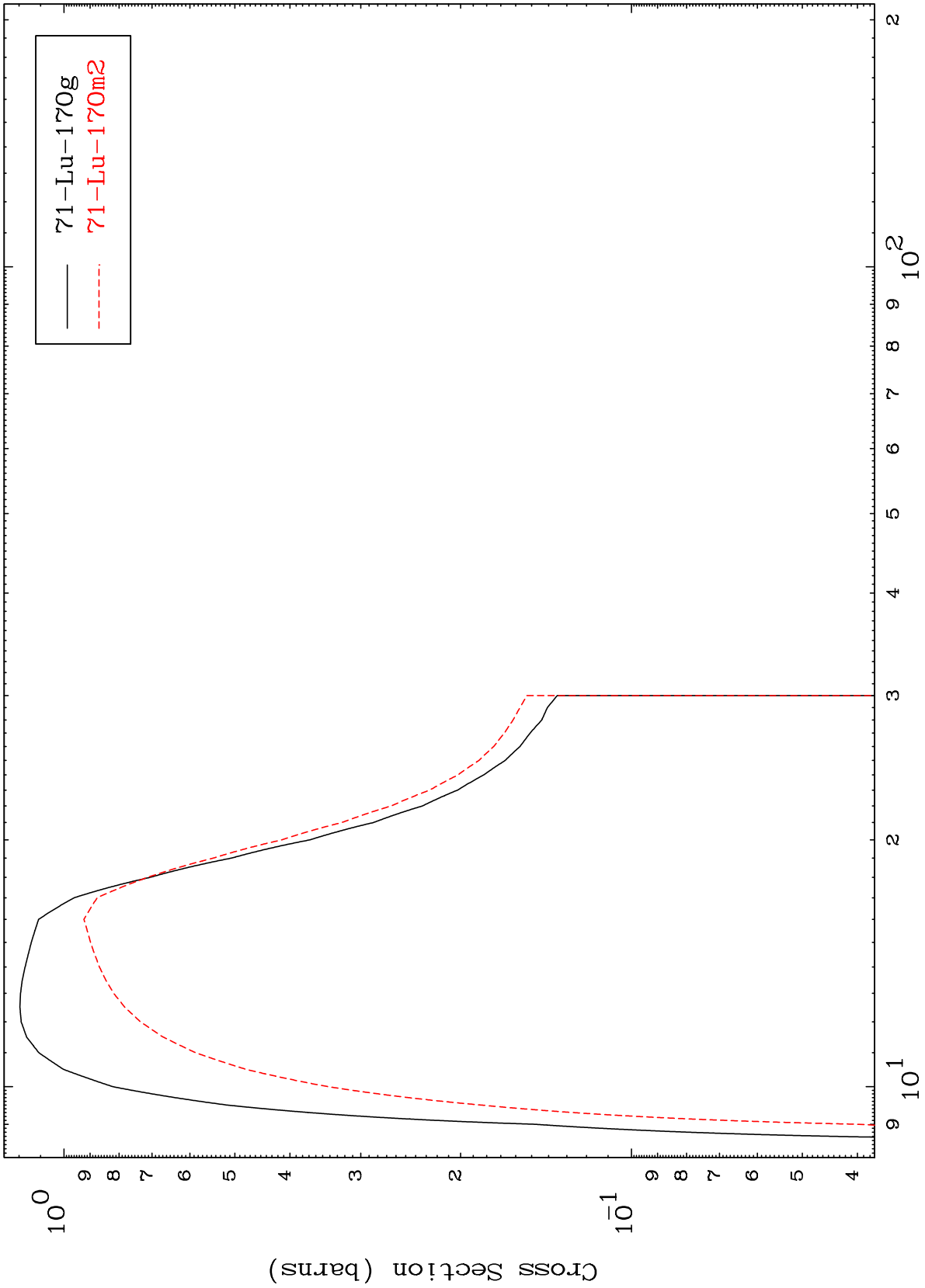
71-Lu-171

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(n,2n)

⁷¹Lu-171

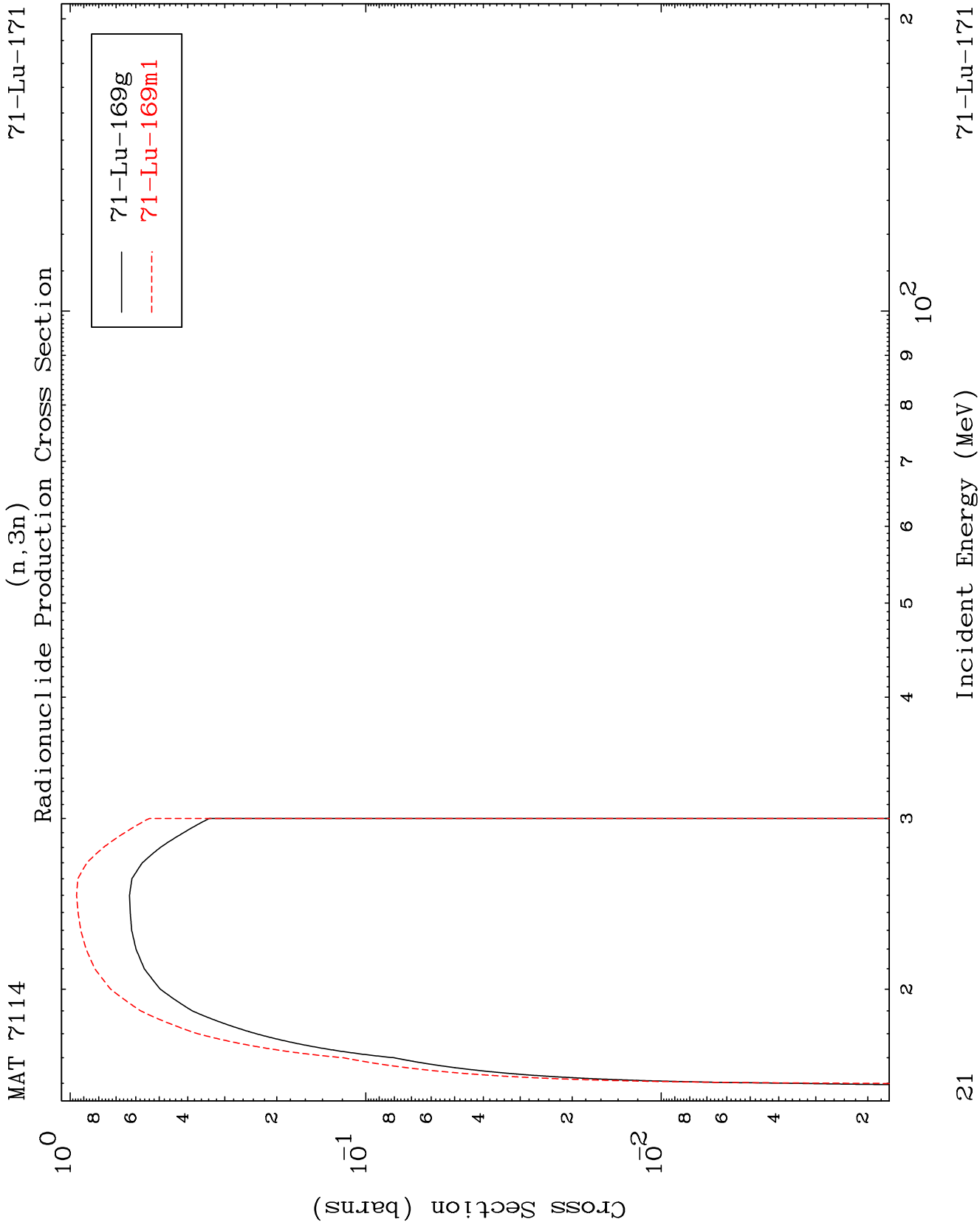
Radionuclide Production Cross Section



20

Incident Energy (MeV)

⁷¹Lu-171

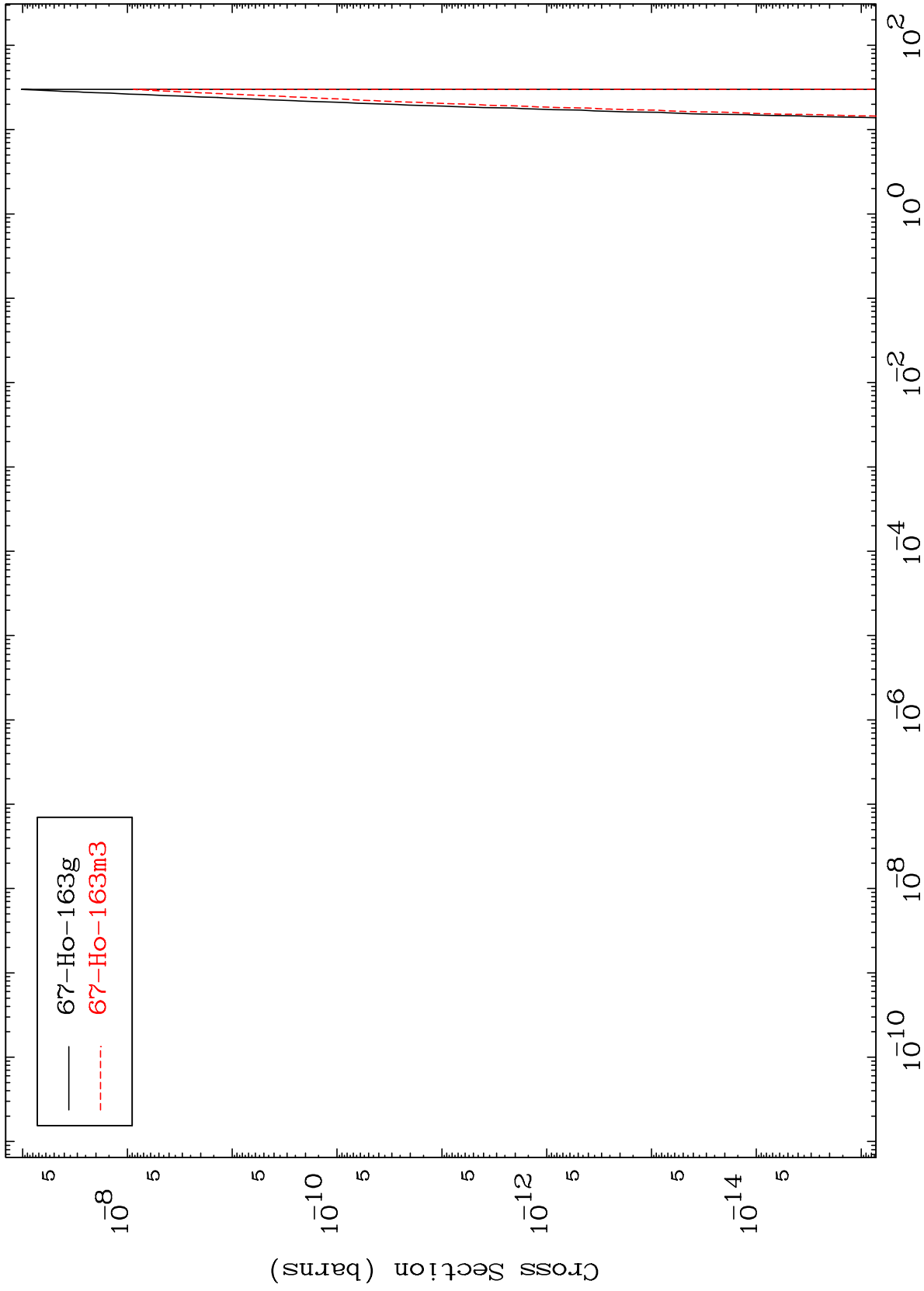


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(n,n') 2 α

71-Lu-171

Radionuclide Production Cross Section



22

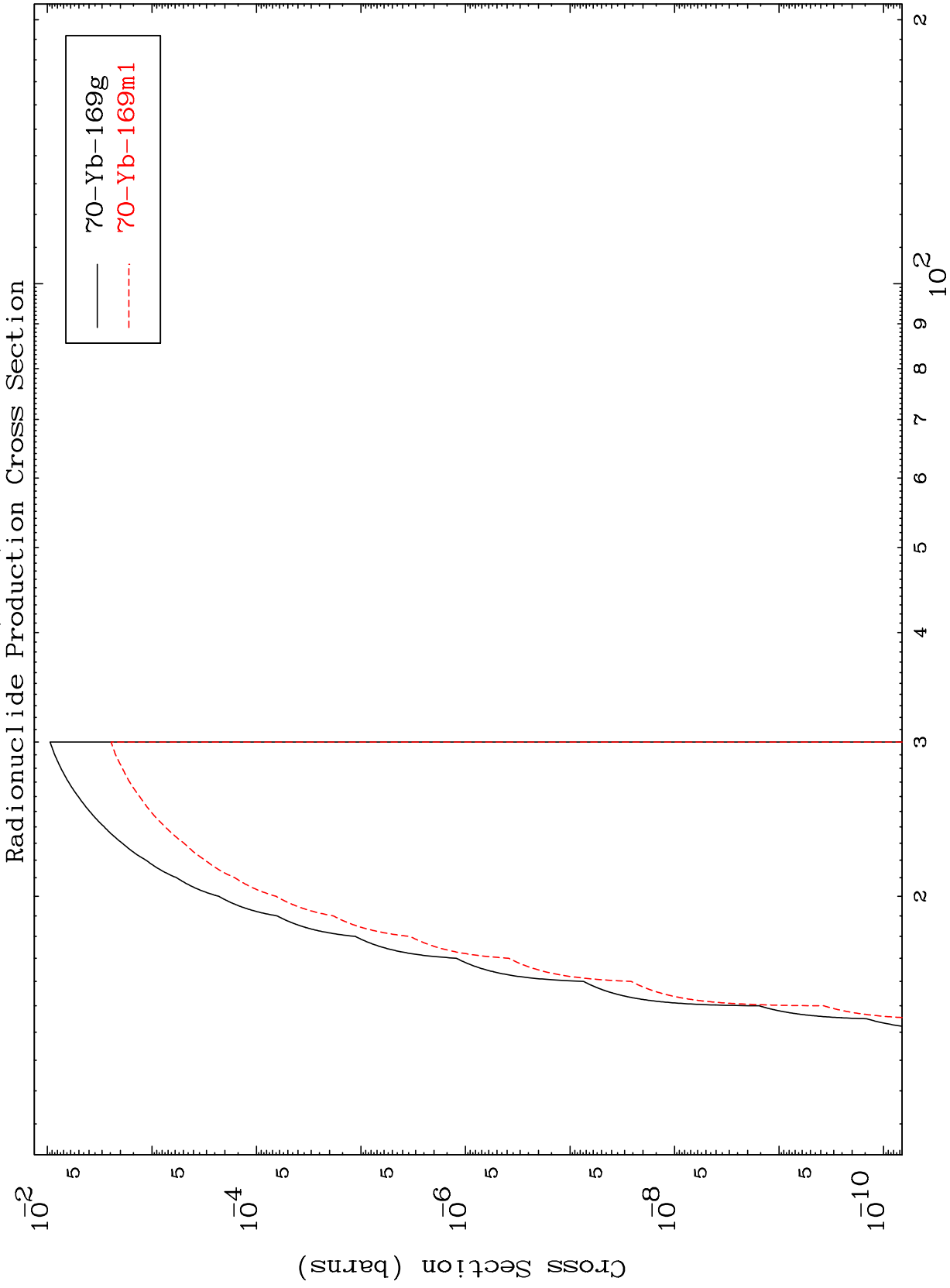
Incident Energy (MeV)

71-Lu-171

MAT 7114

(n, n') d

71-Lu-171



23

71-Lu-171

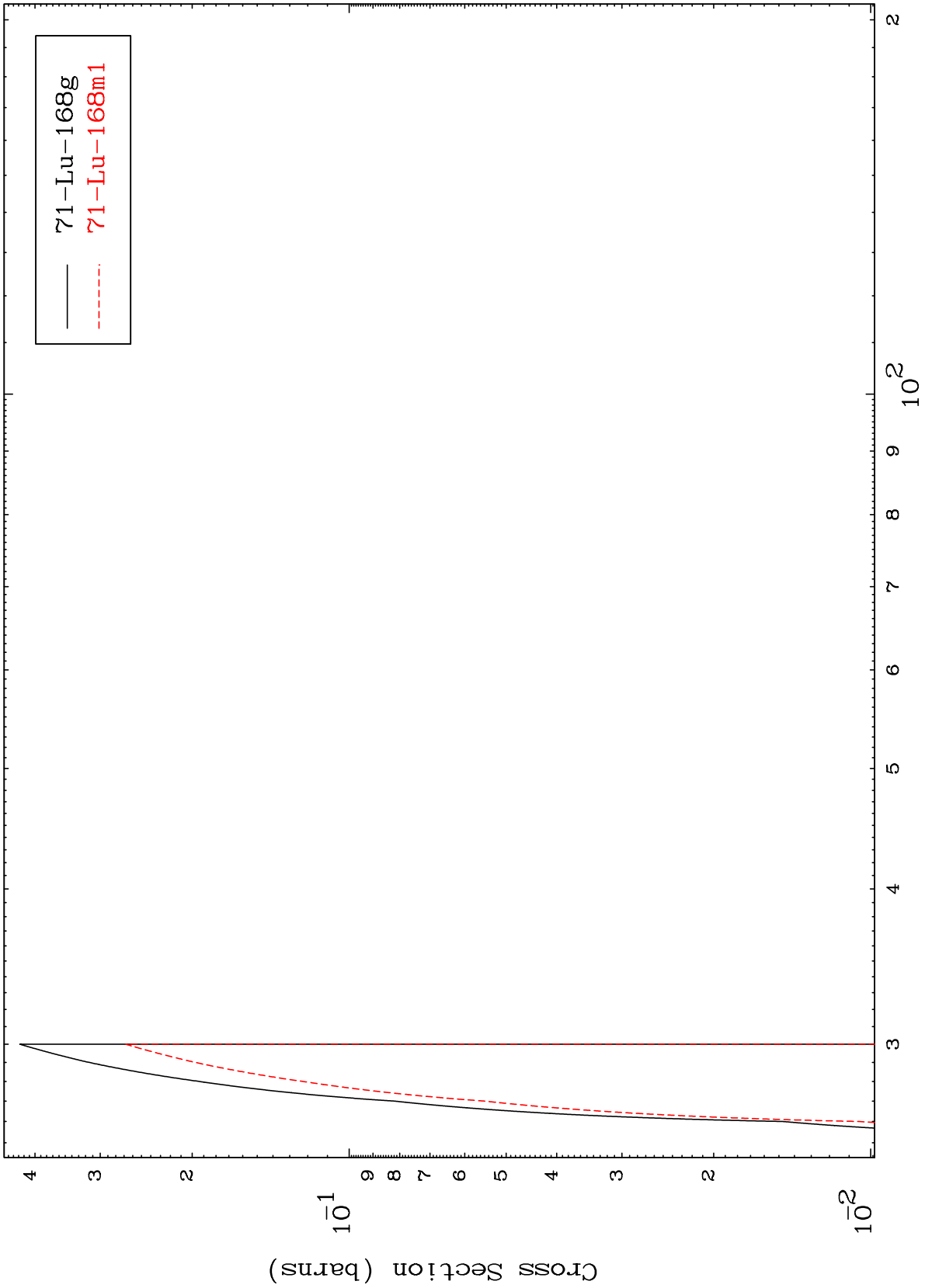
71-Lu-171

MAT 7114

(n,4n)

⁷¹Lu-171

Radionuclide Production Cross Section



24

Incident Energy (MeV)

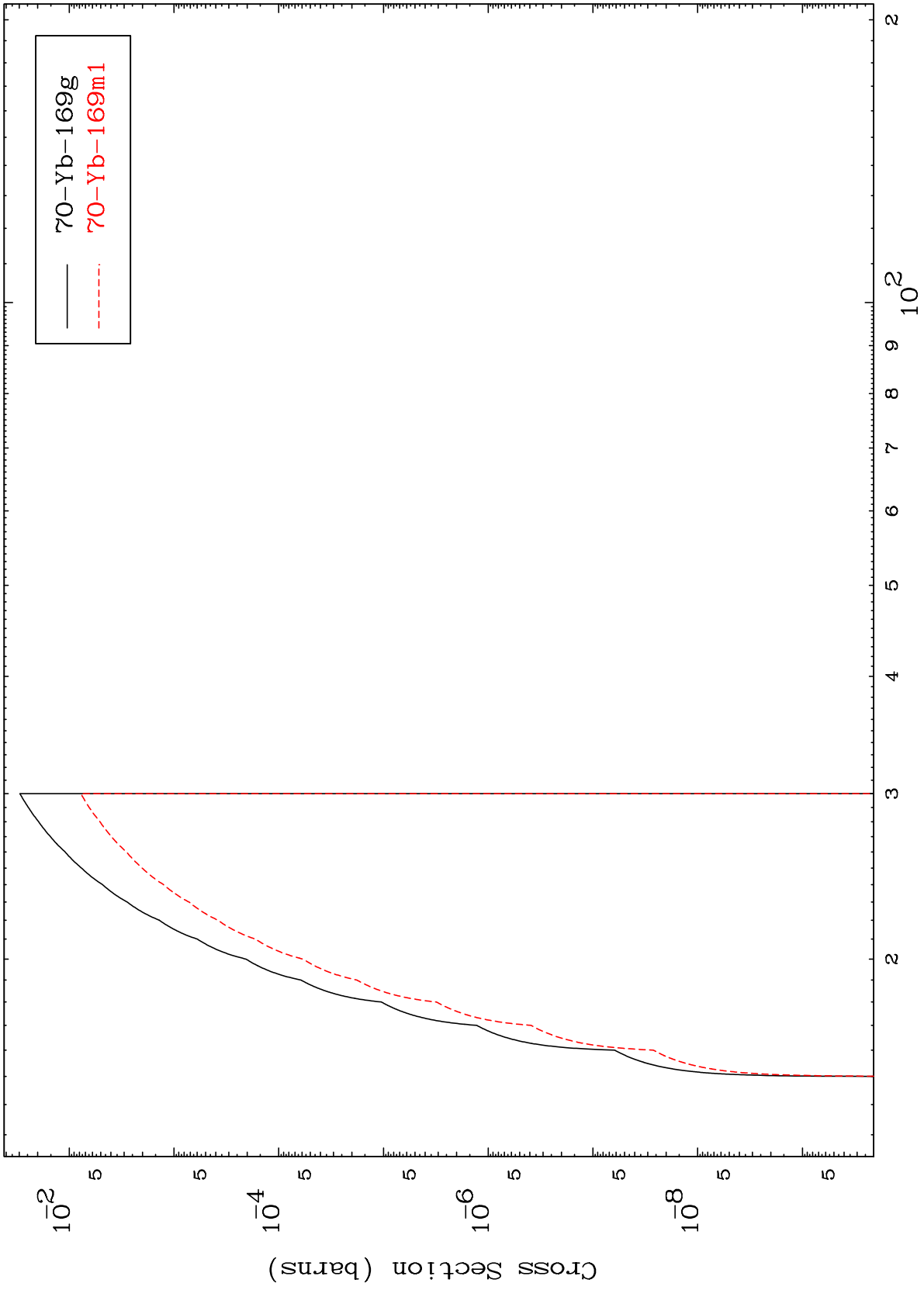
⁷¹Lu-171

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(n,2n) p

71-Lu-171

Radionuclide Production Cross Section



25

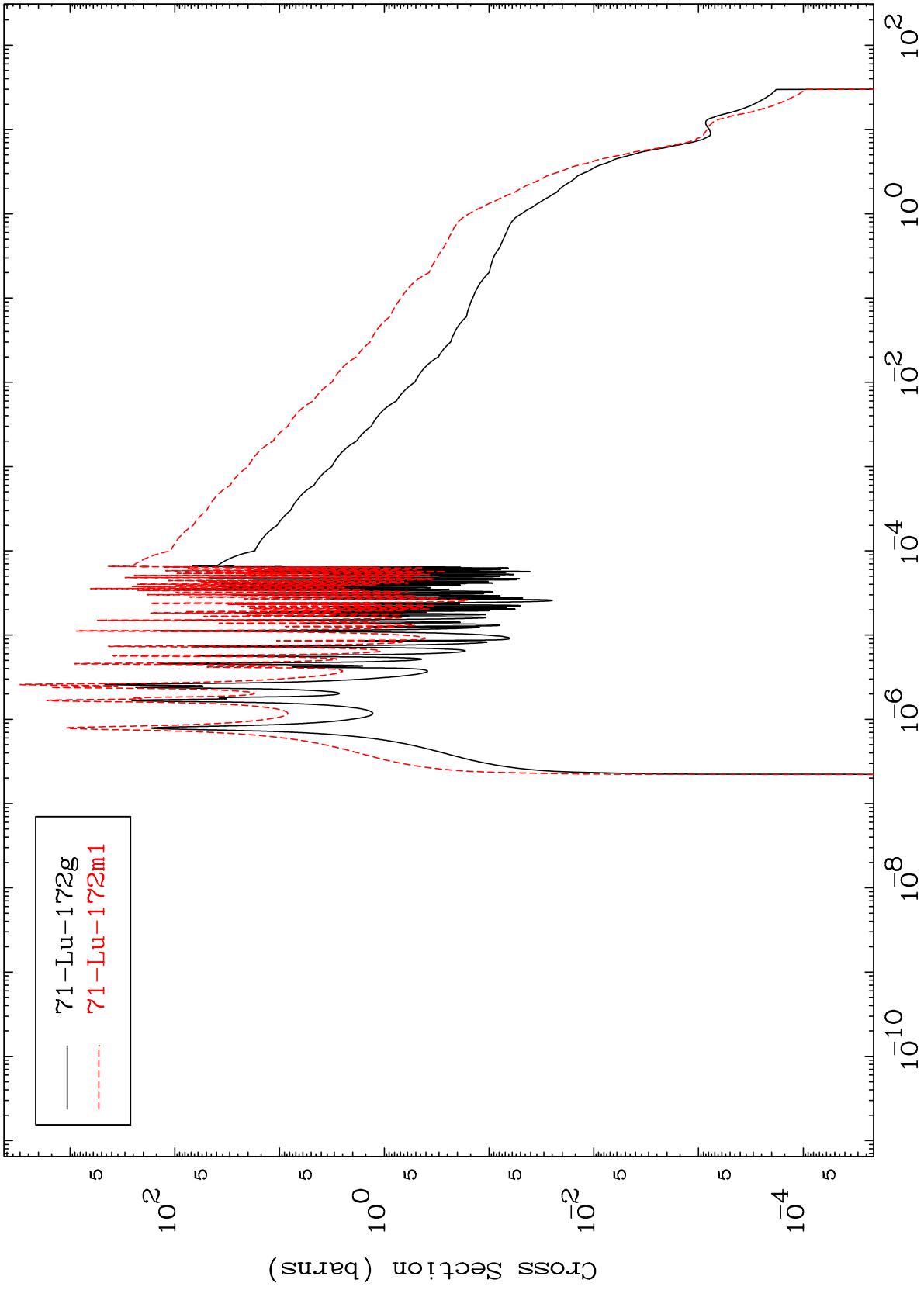
Incident Energy (MeV)

71-Lu-171

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⁷¹Lu-171

(n,γ)
Radionuclide Production Cross Section

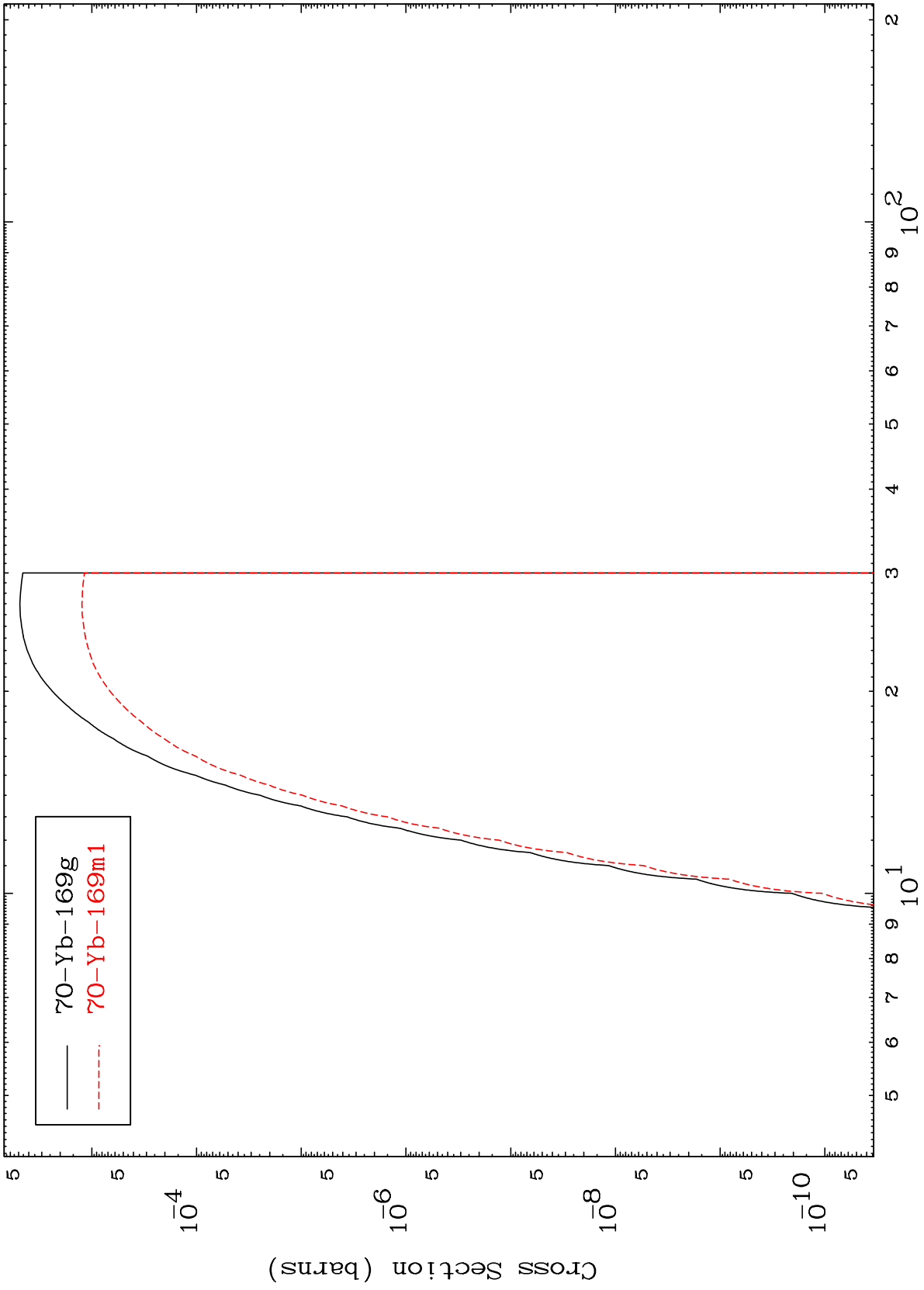


⁷¹Lu-171

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71-Lu-171

Radionuclide Production Cross Section



27

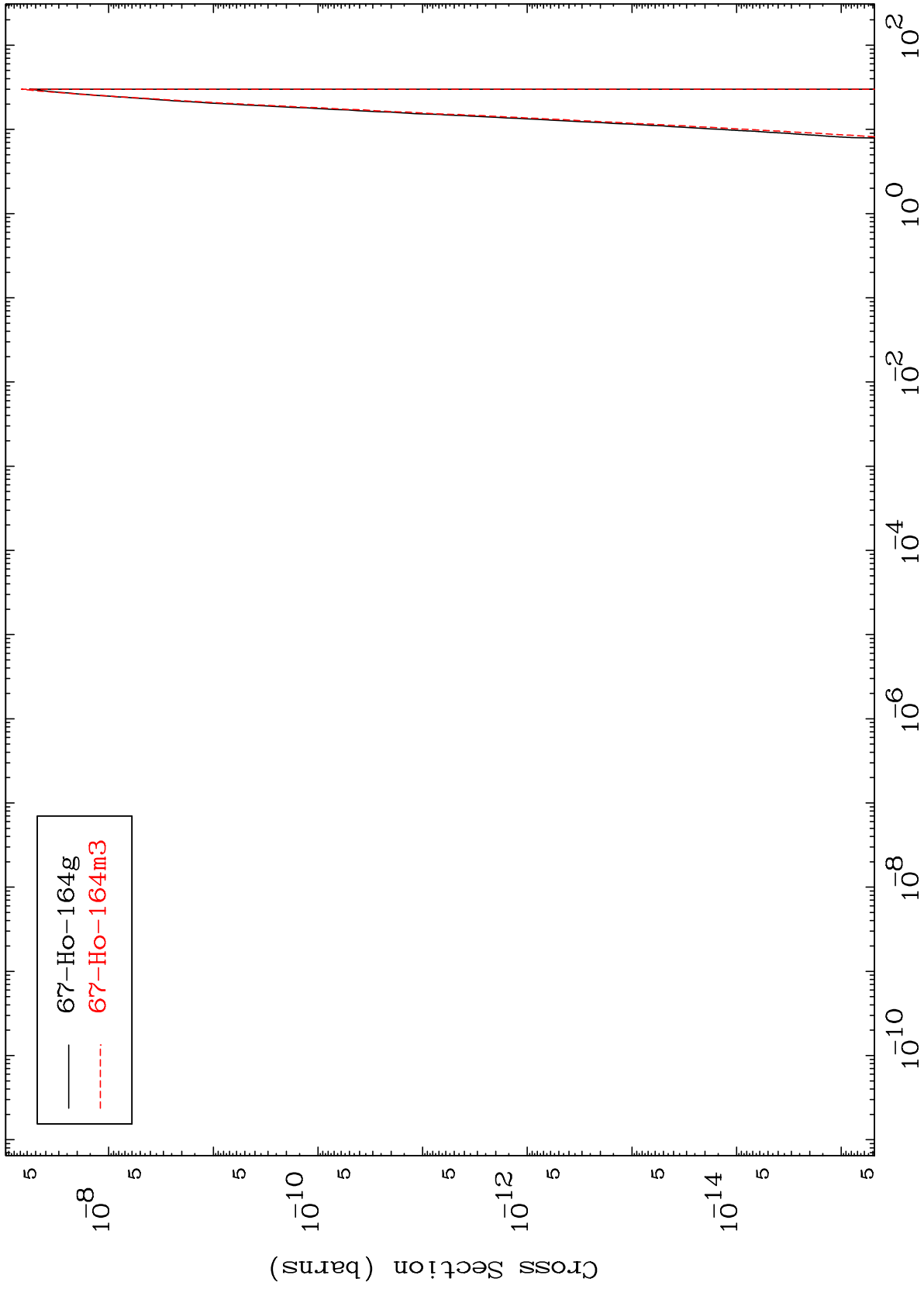
71-Lu-171

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(n,2α)

71-Lu-171

Radionuclide Production Cross Section



28

Incident Energy (MeV)

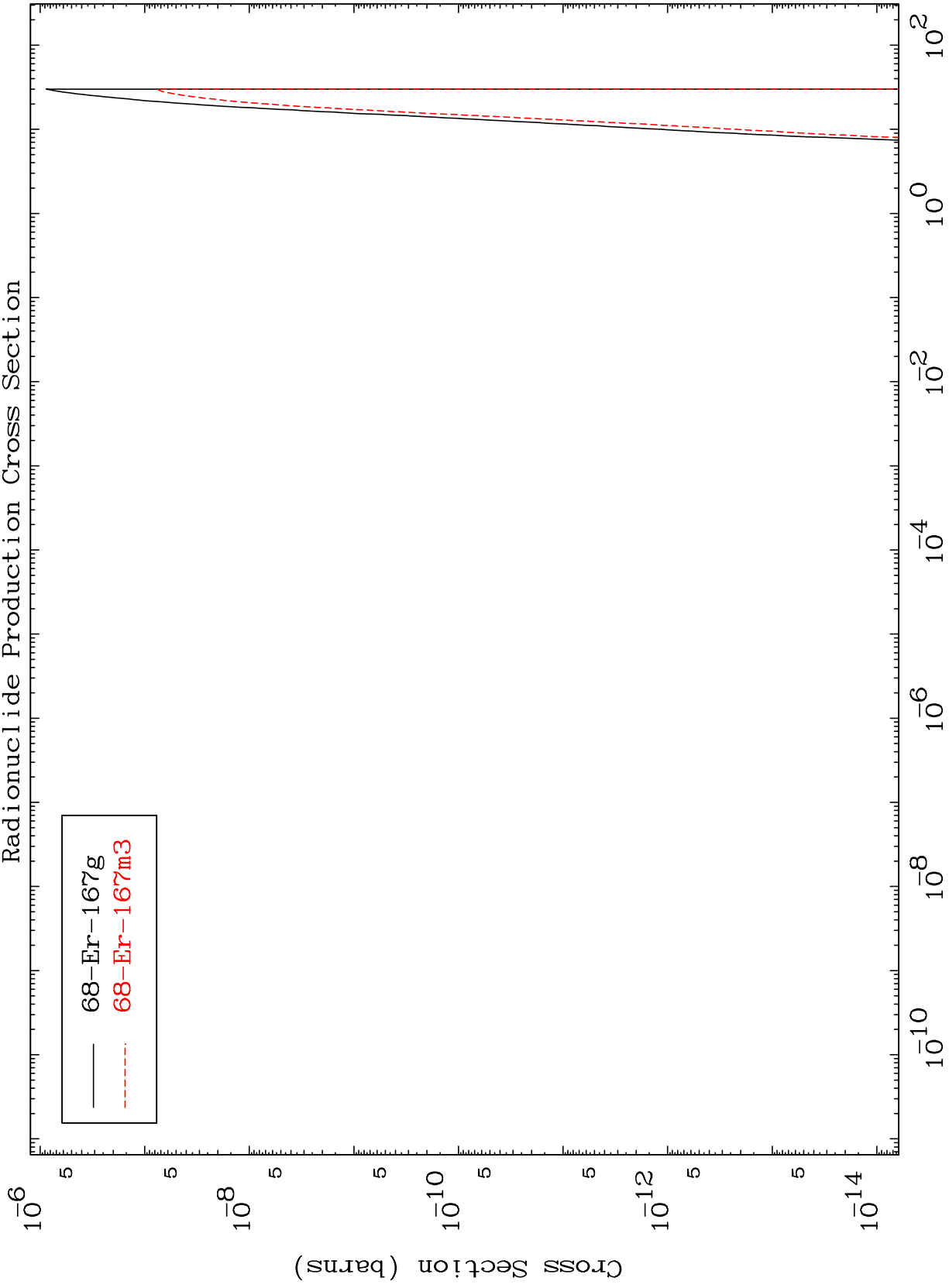
71-Lu-171

MAT 7114

(n,p) α

⁷¹Lu-171

Radionuclide Production Cross Section



29

Incident Energy (MeV)

⁷¹Lu-171