

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

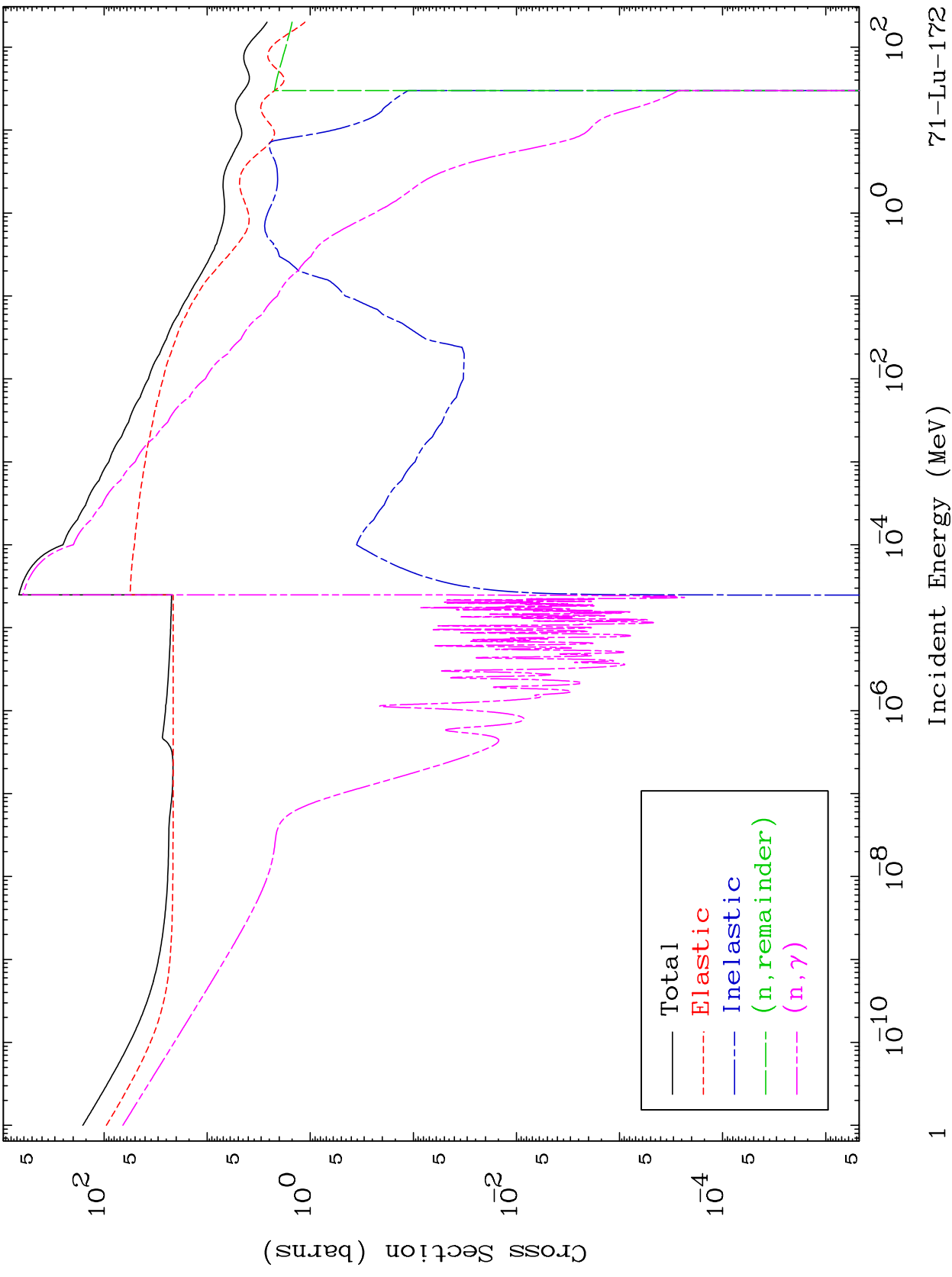
Press Mouse Button to Start

MAT 7117

Major

71-Lu-172

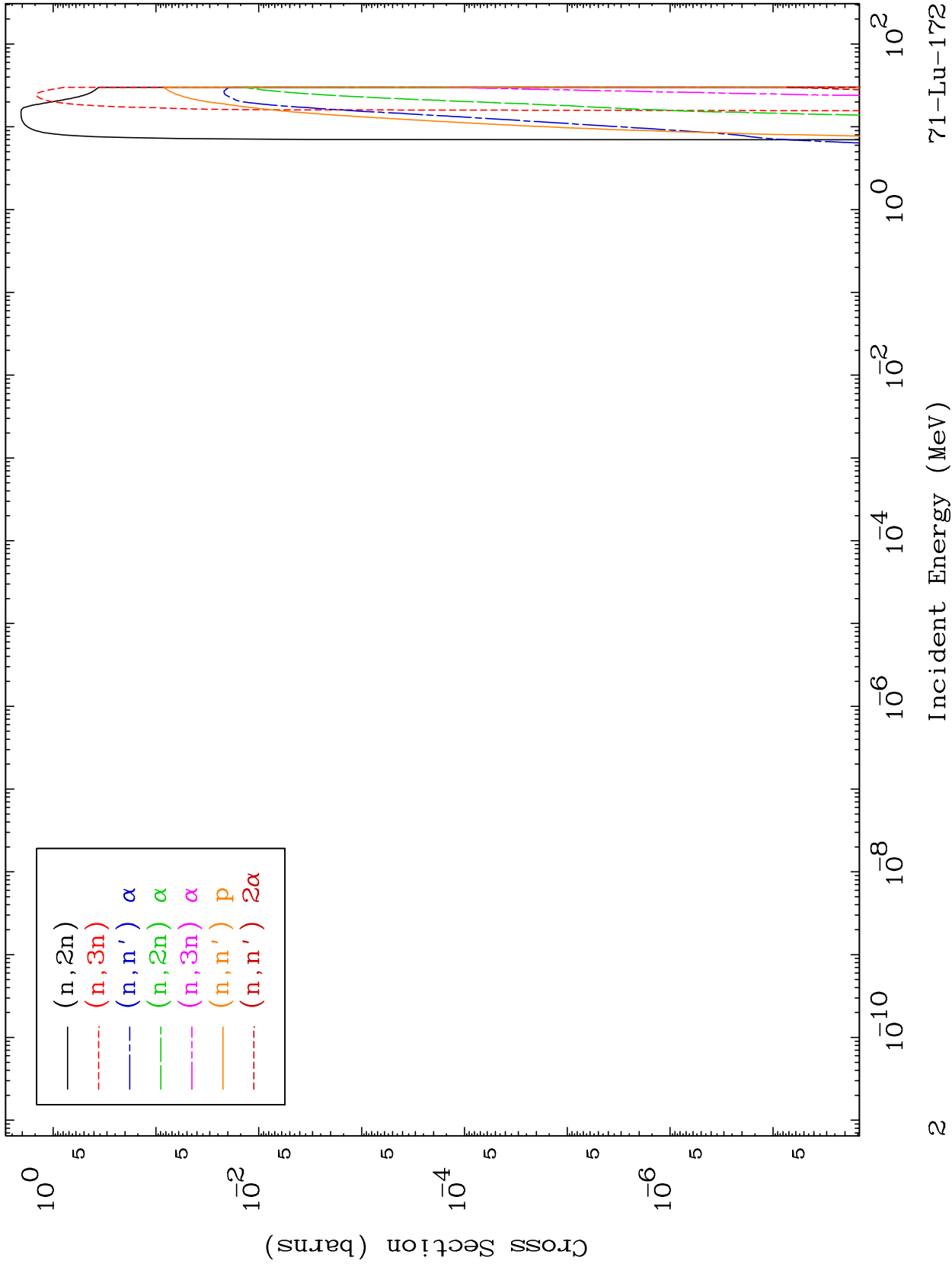
293 Kelvin Cross Sections



MAT 7117

Neutron Production
293 Kelvin Cross Sections

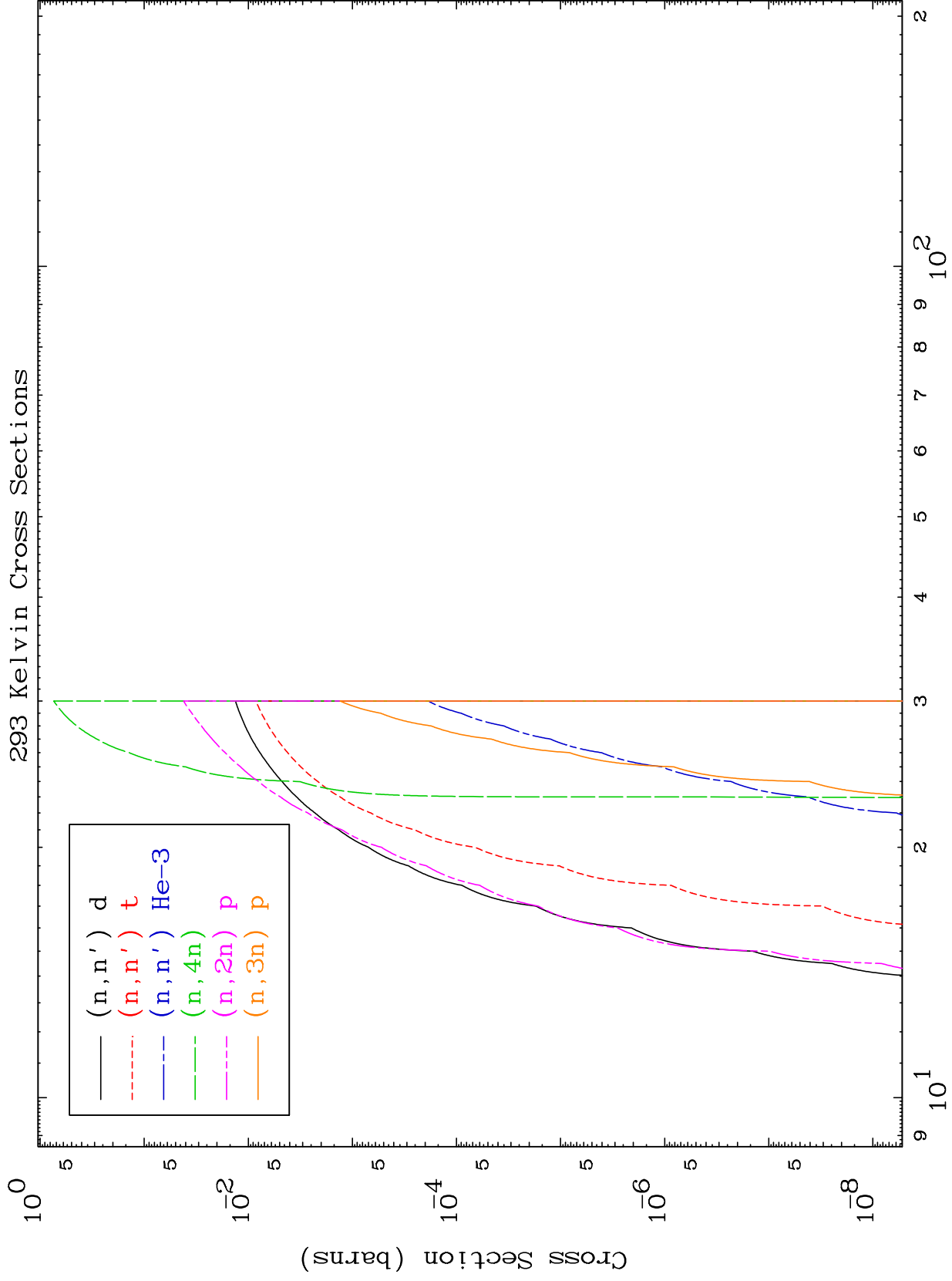
71-Lu-172



MAT 7117

Neutron Production
293 Kelvin Cross Sections

71-Lu-172



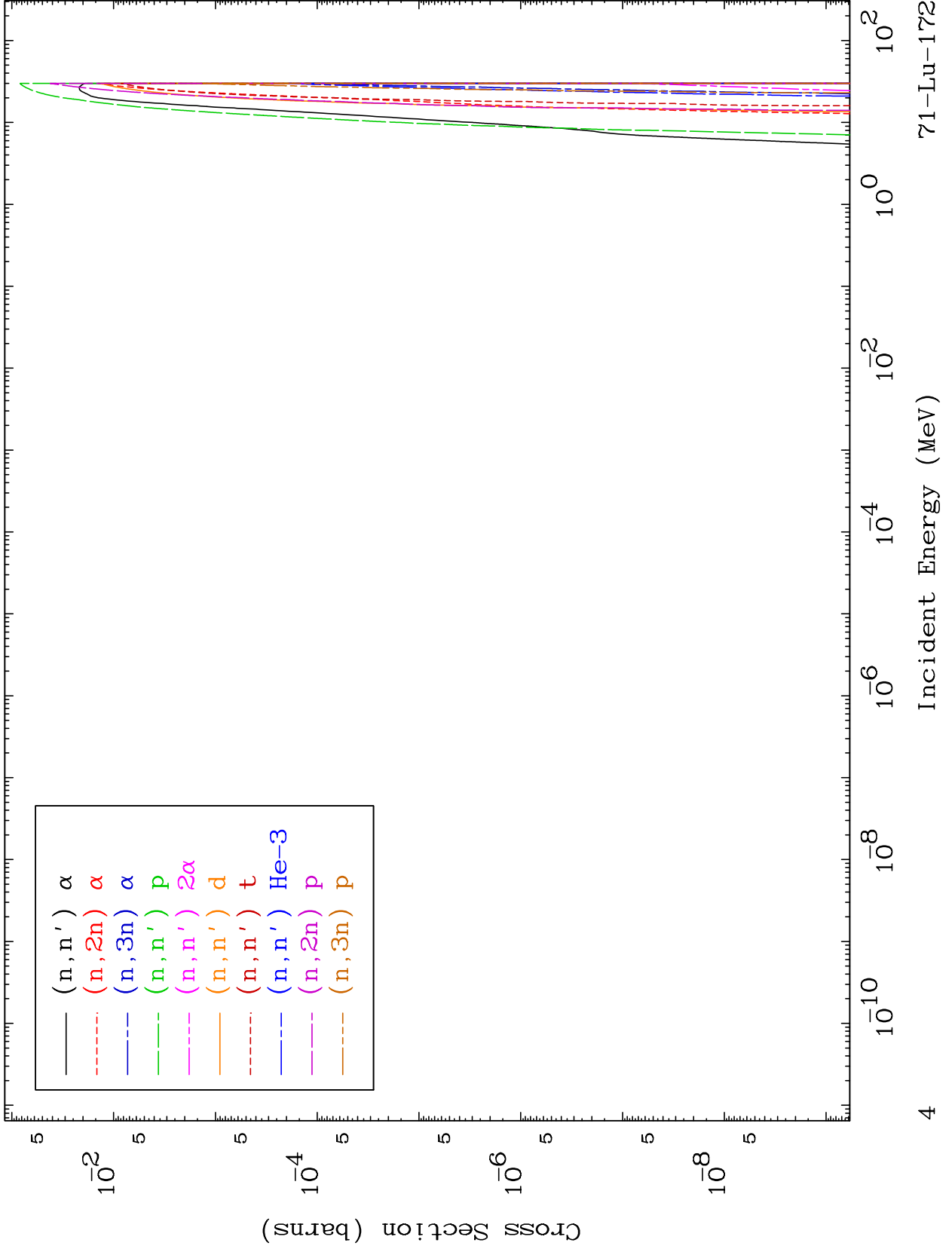
Incident Energy (MeV)

71-Lu-172

MAT 7117

Charged Particle
293 Kelvin Cross Sections

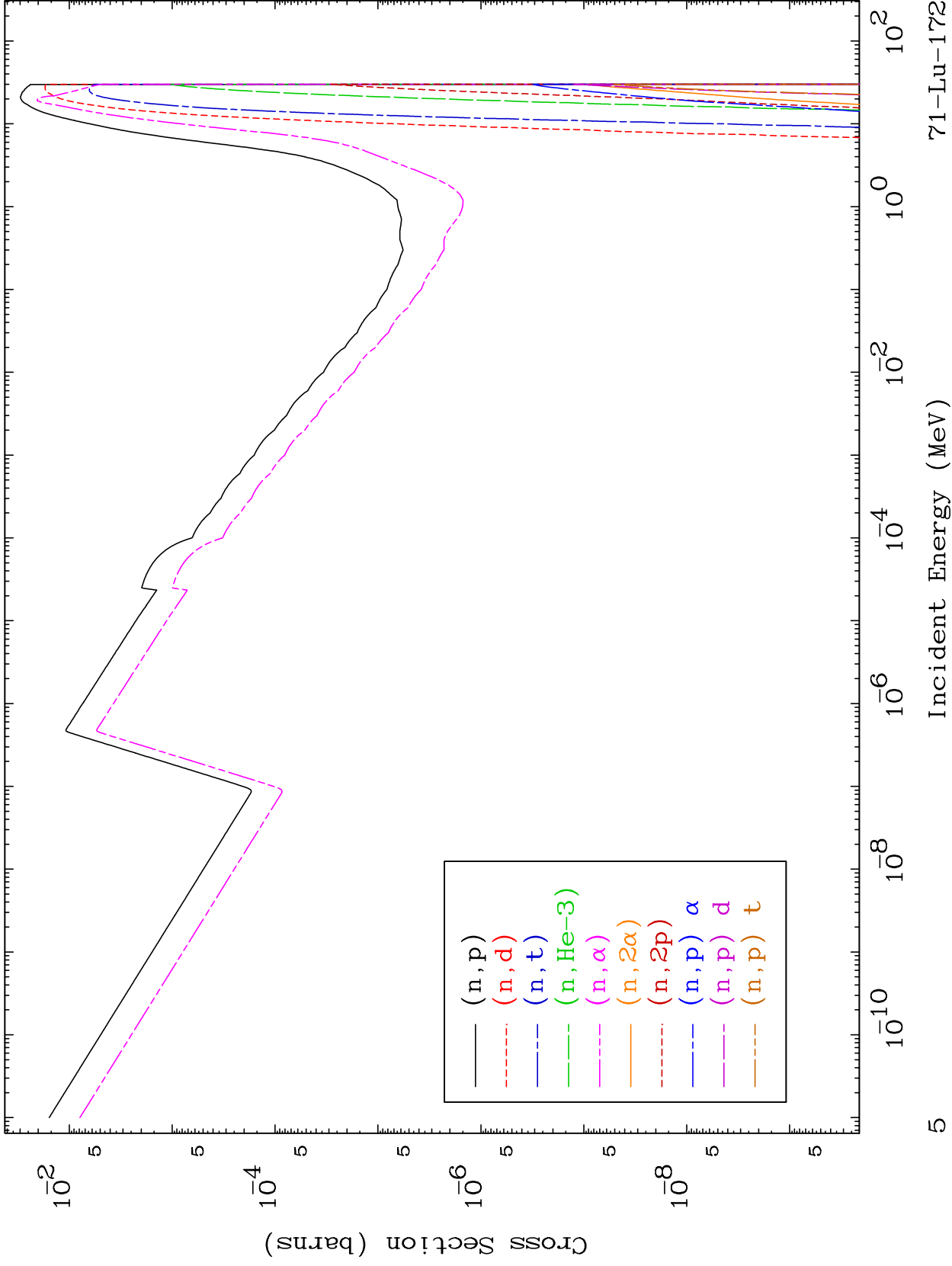
71-Lu-172



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Charged Particle
293 Kelvin Cross Sections

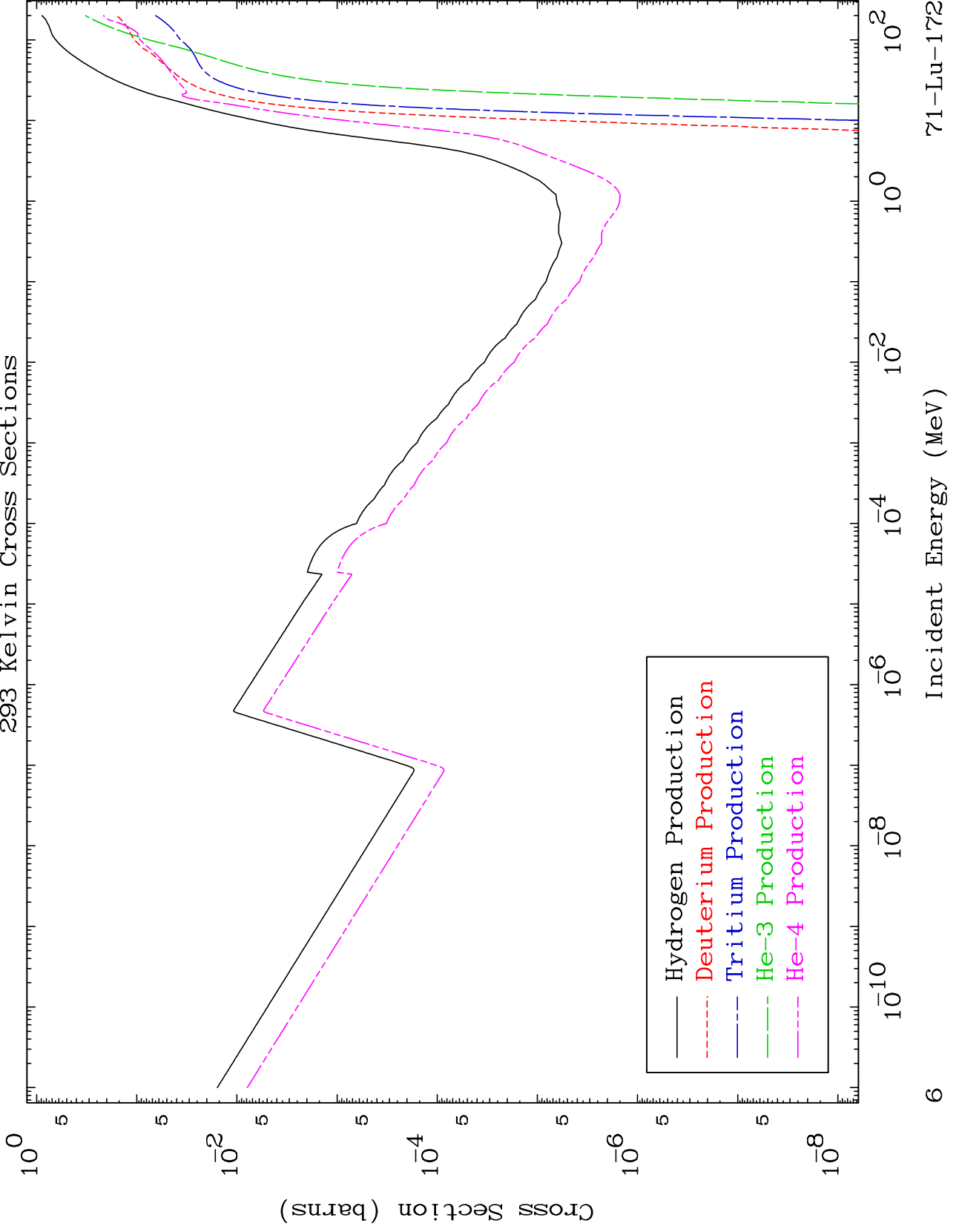
71-Lu-172



MAT 7117

Particle Production
293 Kelvin Cross Sections

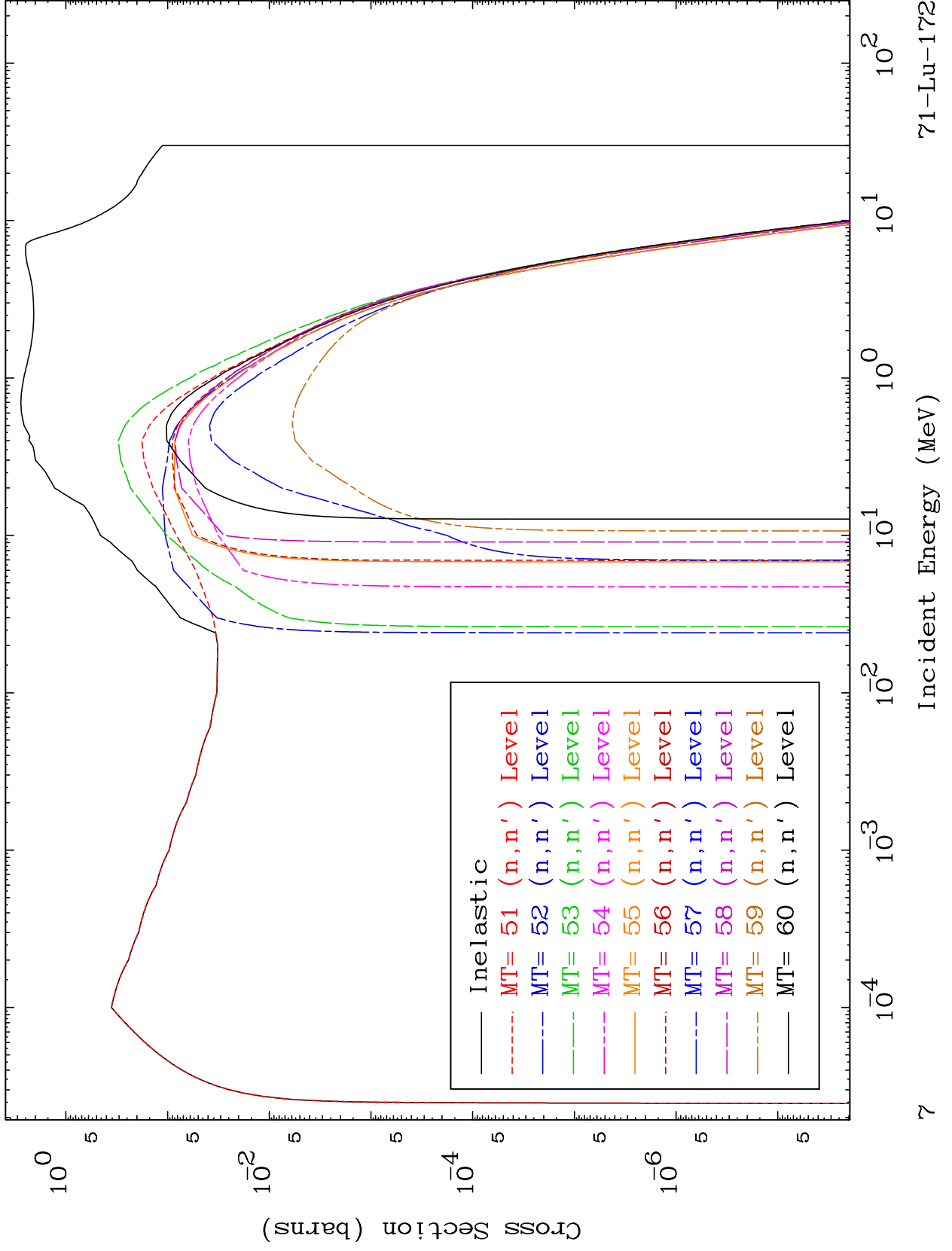
71-Lu-172



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293 Kelvin Cross Sections
(n,n') Level

71-Lu-172

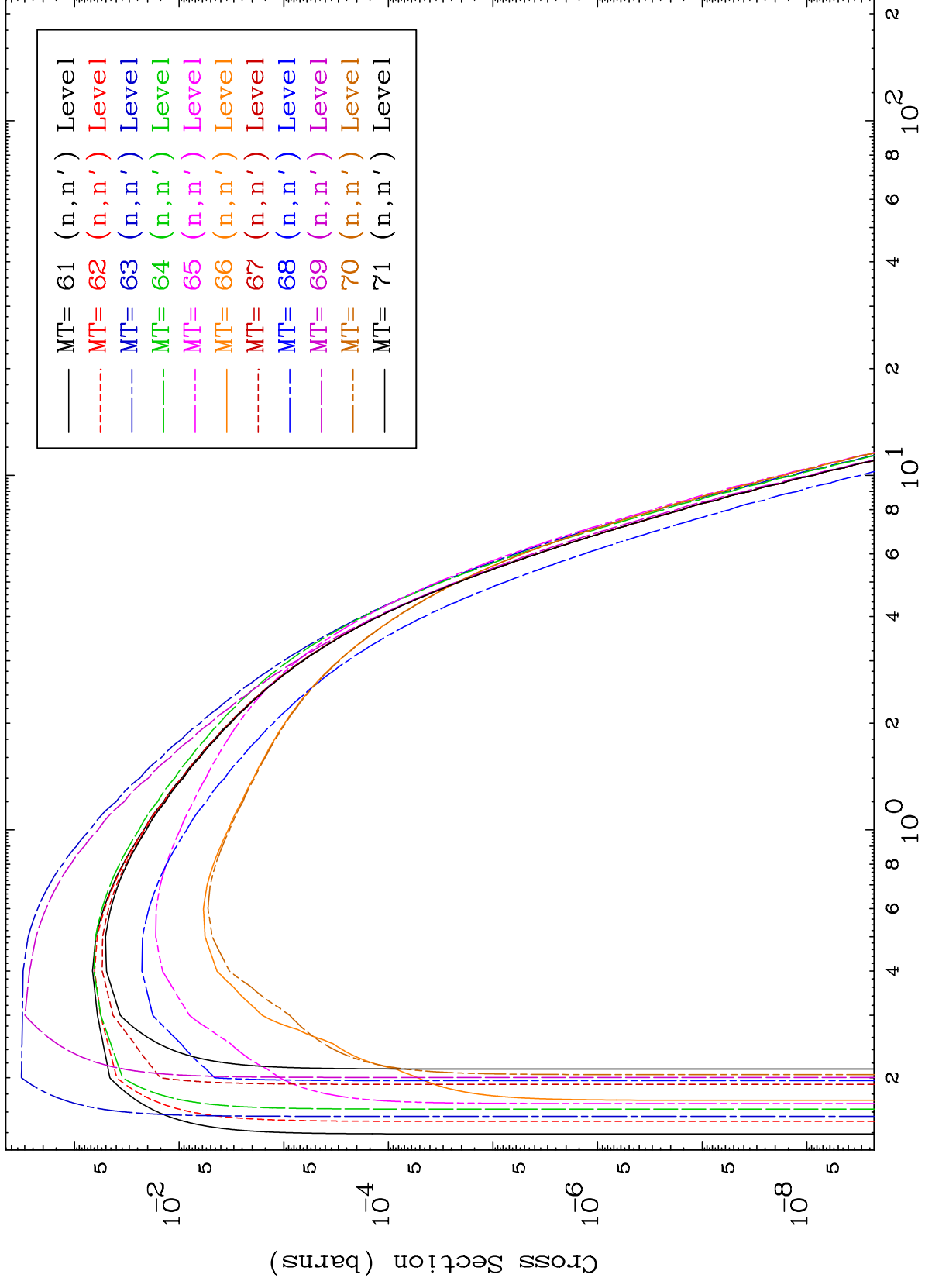


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(n,n') Level

71-Lu-172

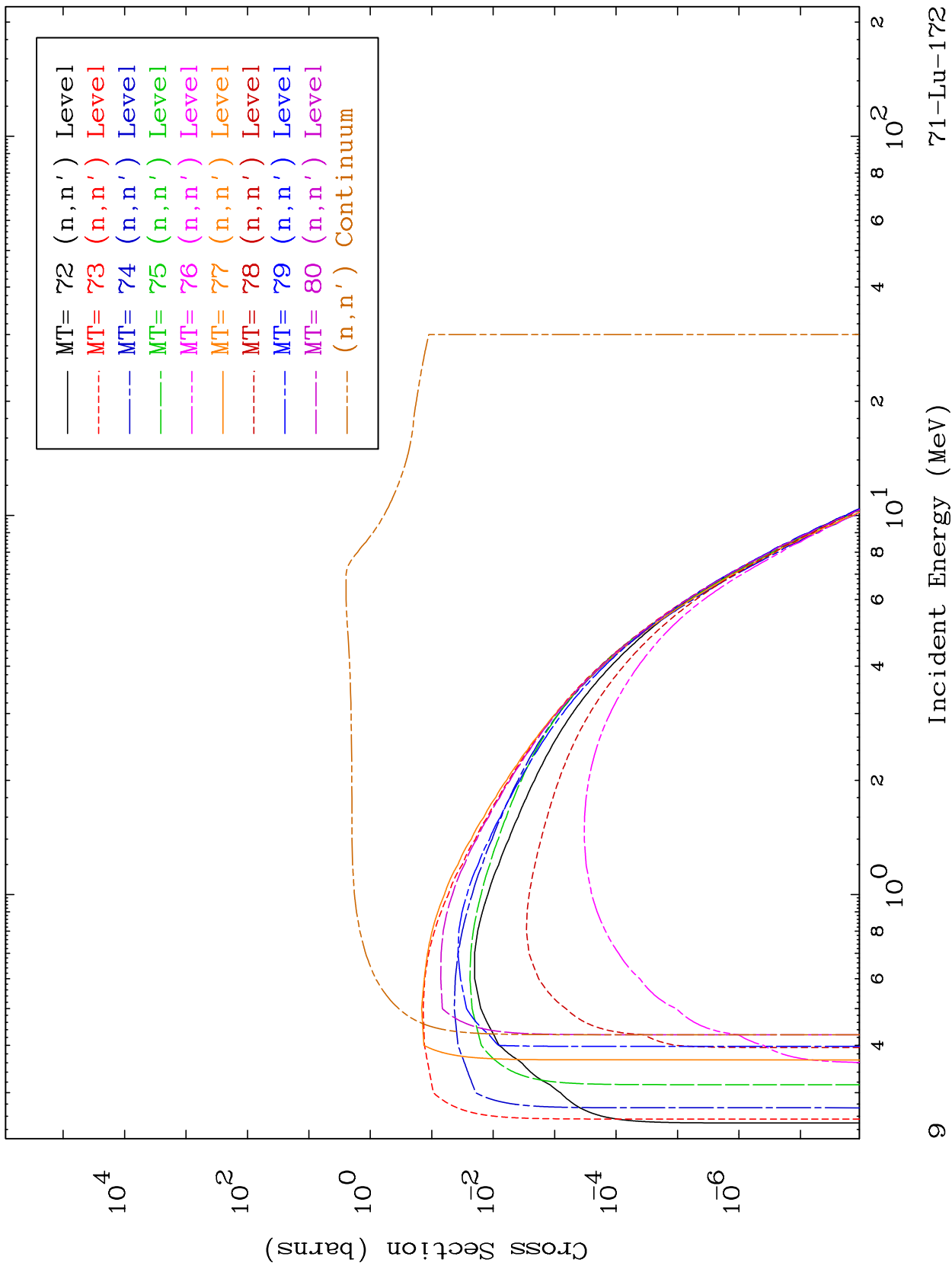
293 Kelvin Cross Sections



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Incident Energy (MeV)

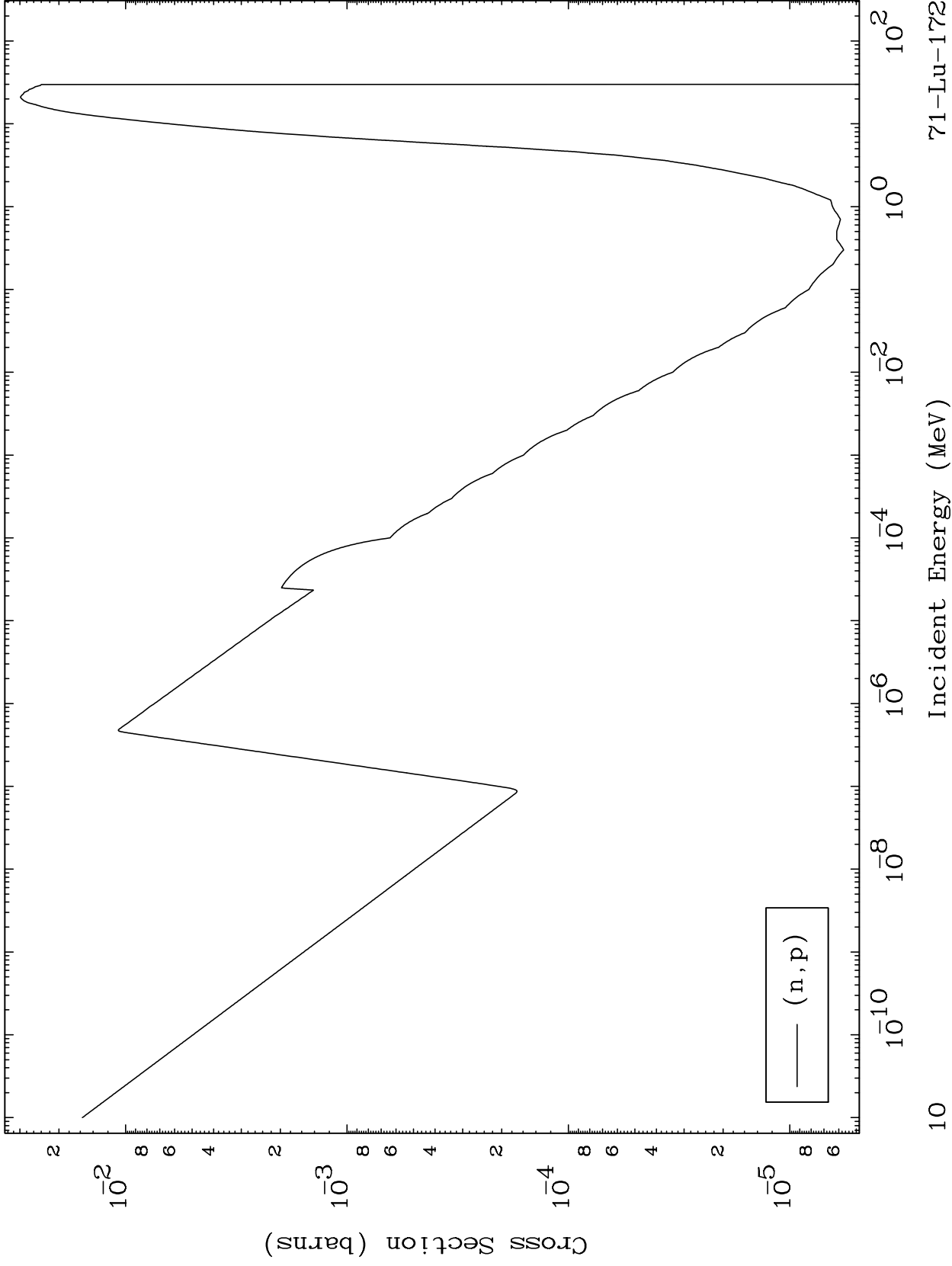
71-Lu-172



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(n,p) Levels
293 Kelvin Cross Sections

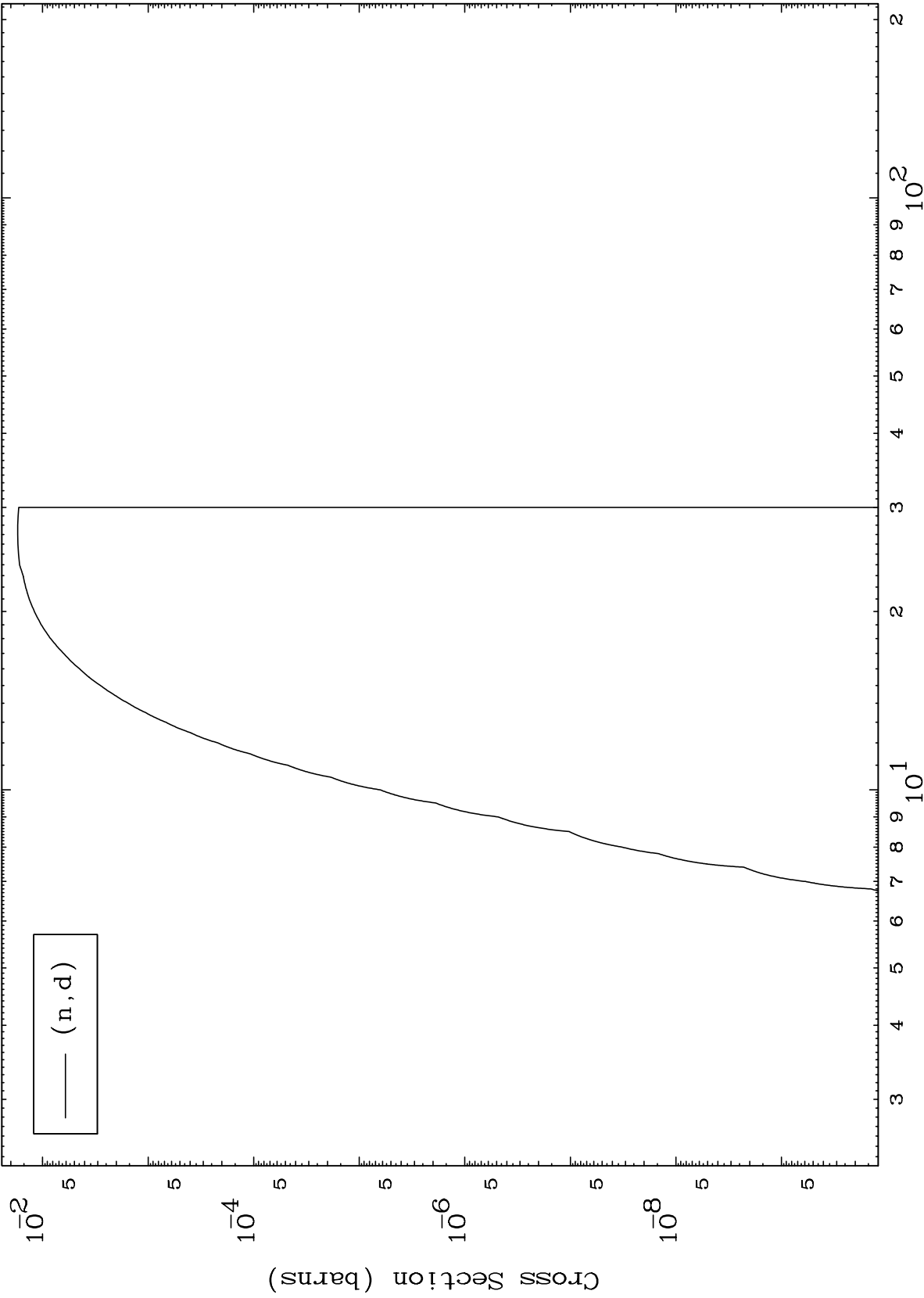
71-Lu-172



MAT 7117

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-172



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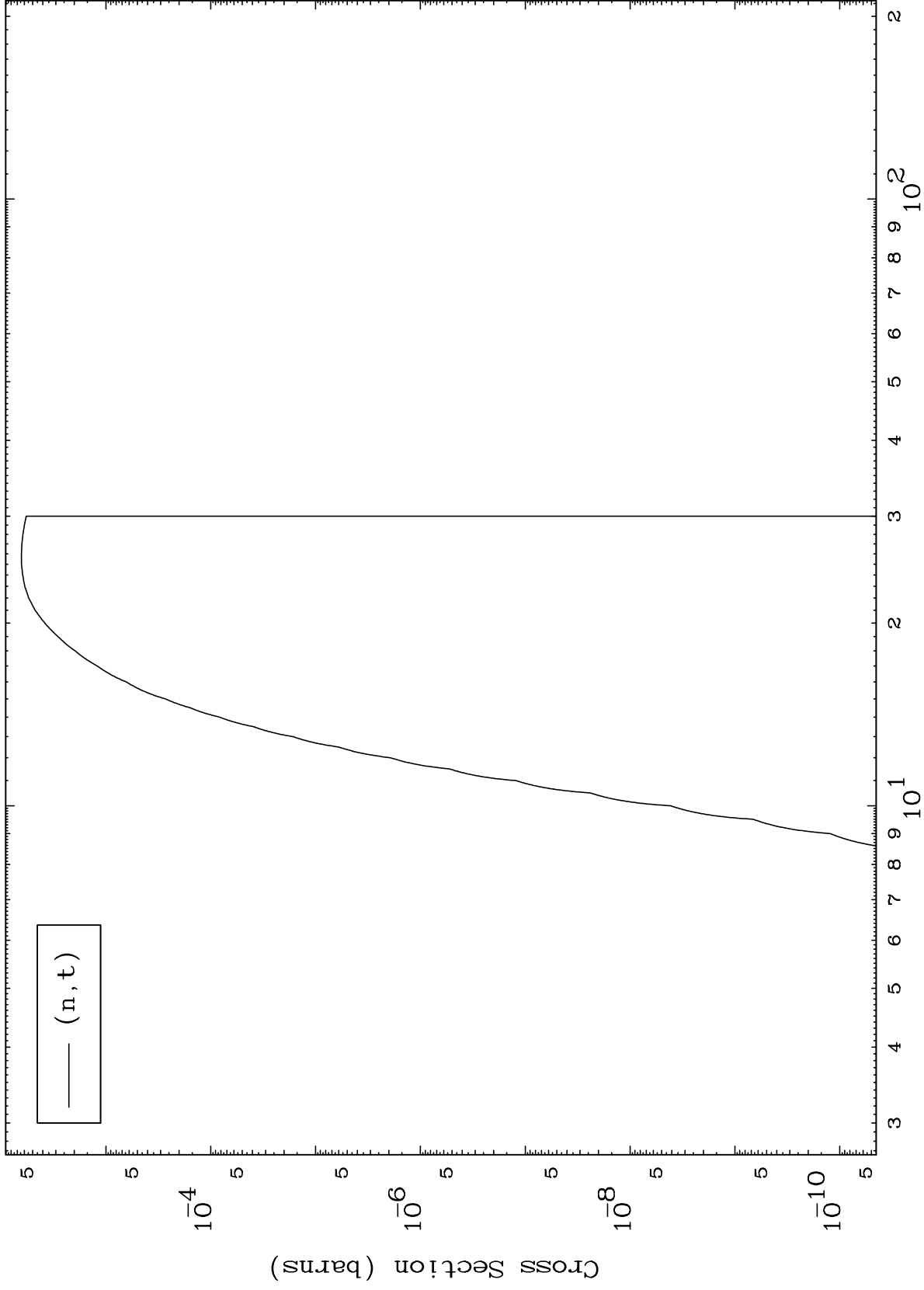
Incident Energy (MeV)

71-Lu-172

MAT 7117

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-172



12

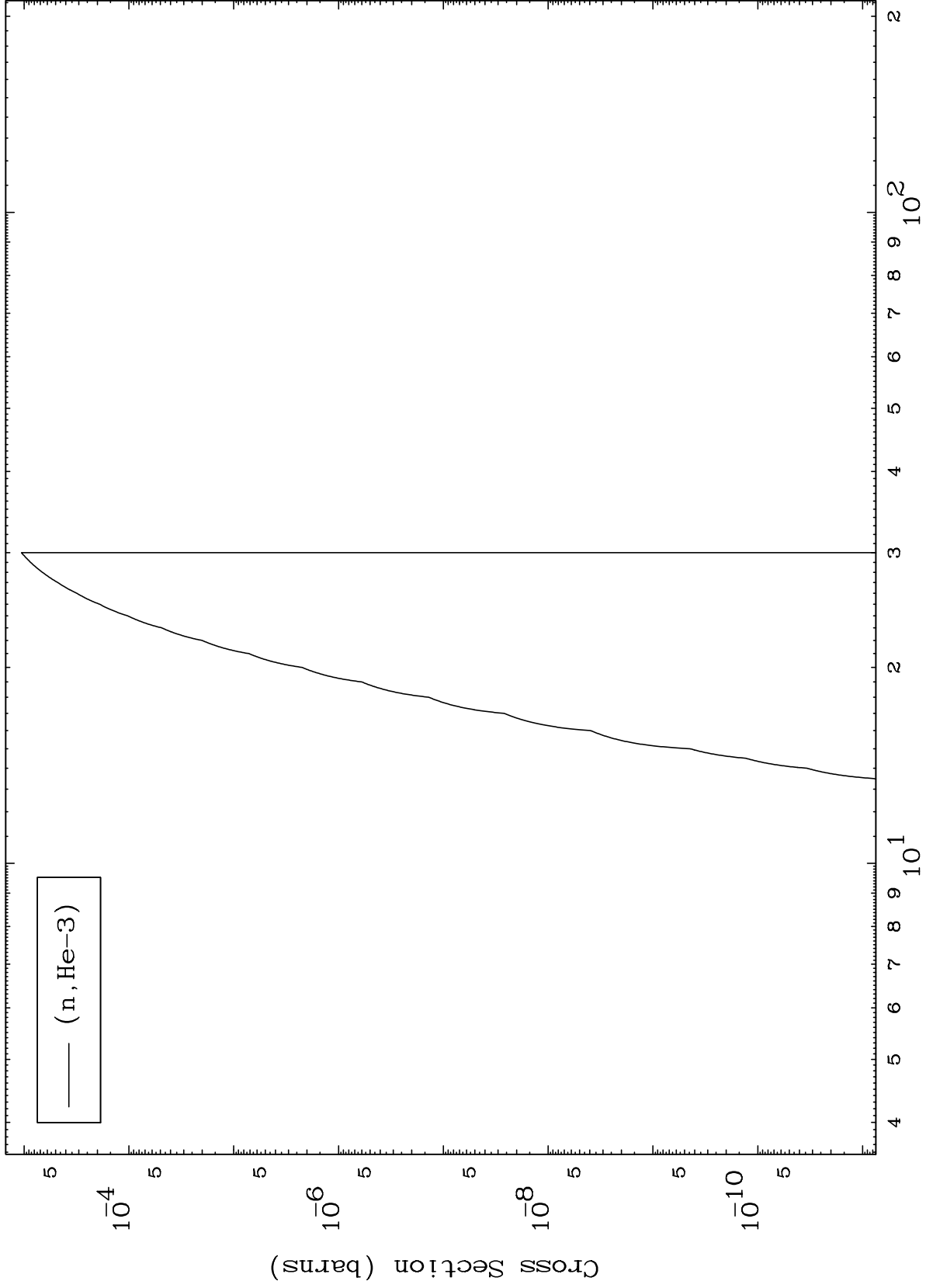
Incident Energy (MeV)

71-Lu-172

MAT 7117

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-172



13

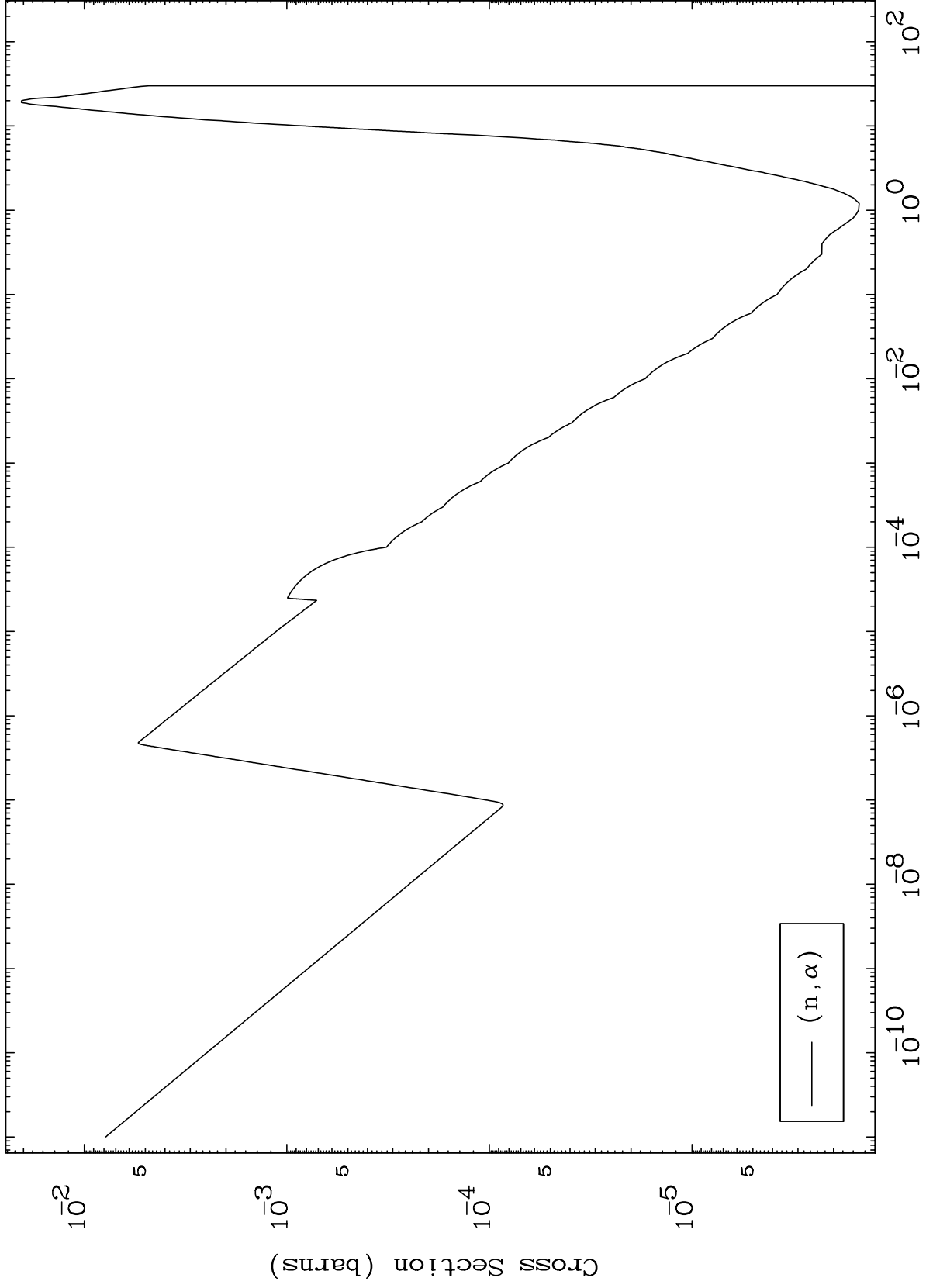
Incident Energy (MeV)

71-Lu-172

MAT 7117

(n,α) Levels
293 Kelvin Cross Sections

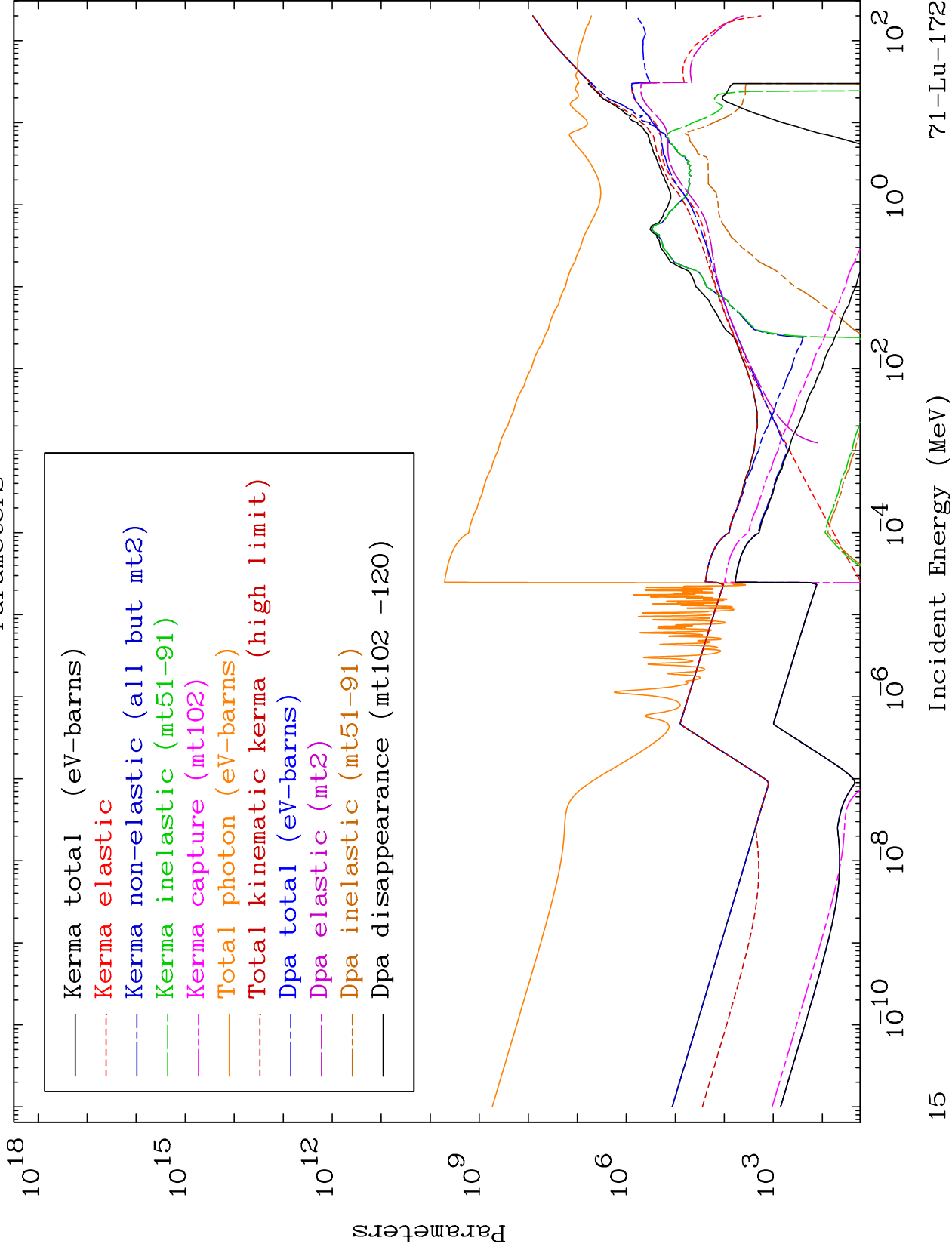
71-Lu-172

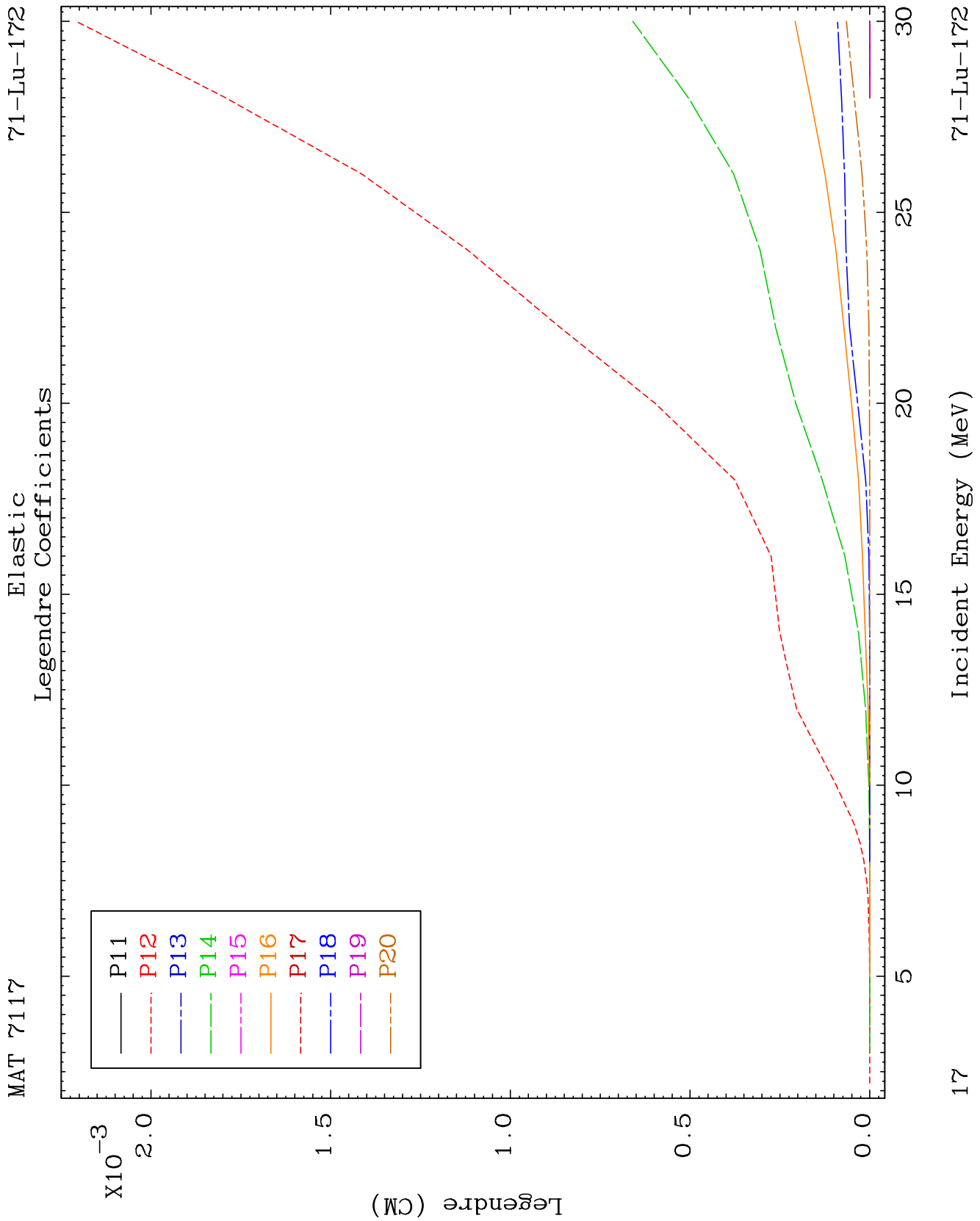


14

Incident Energy (MeV)

71-Lu-172

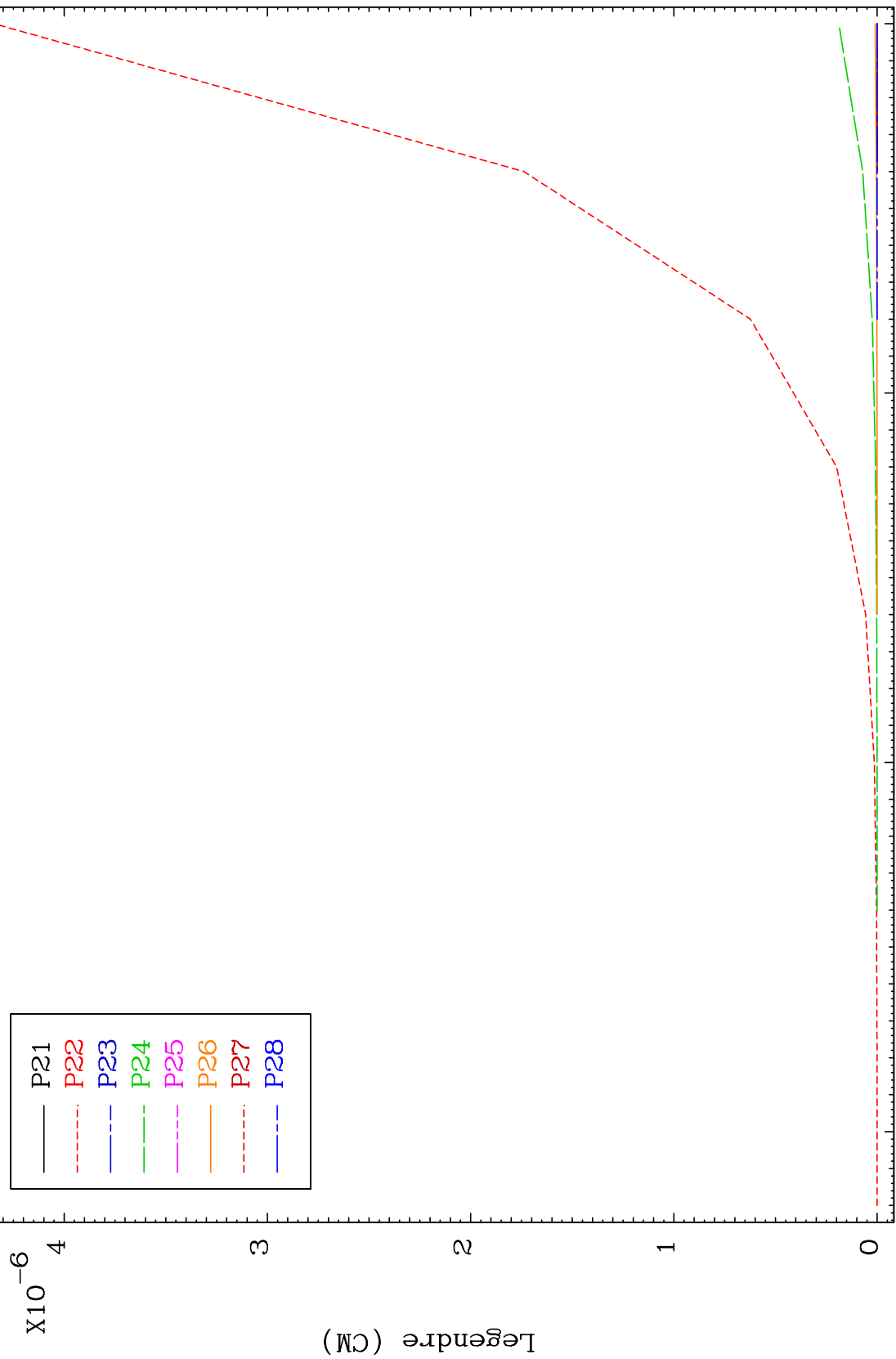
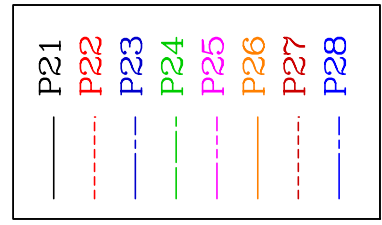




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Elastic Legendre Coefficients

71-Lu-172

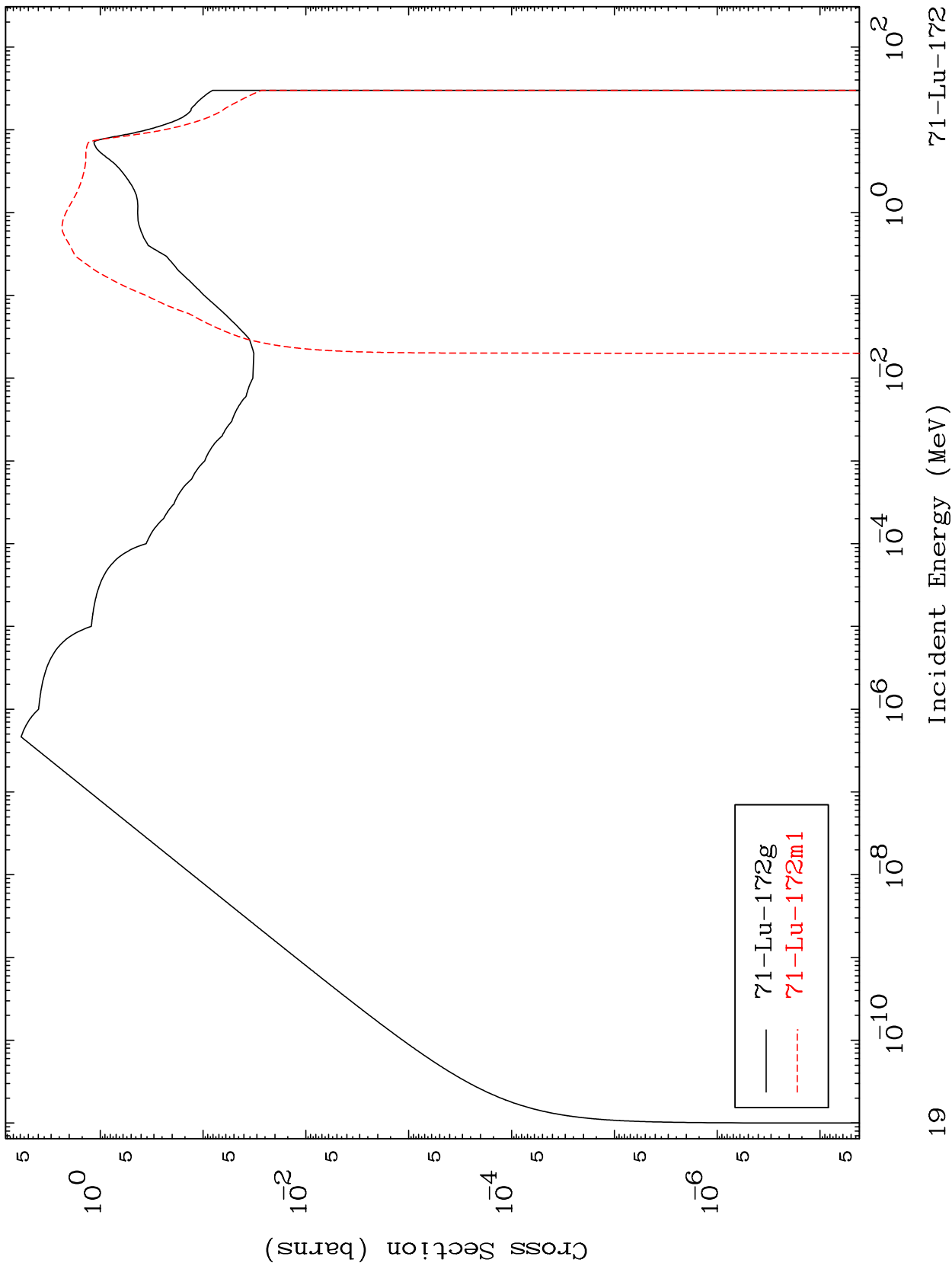


18

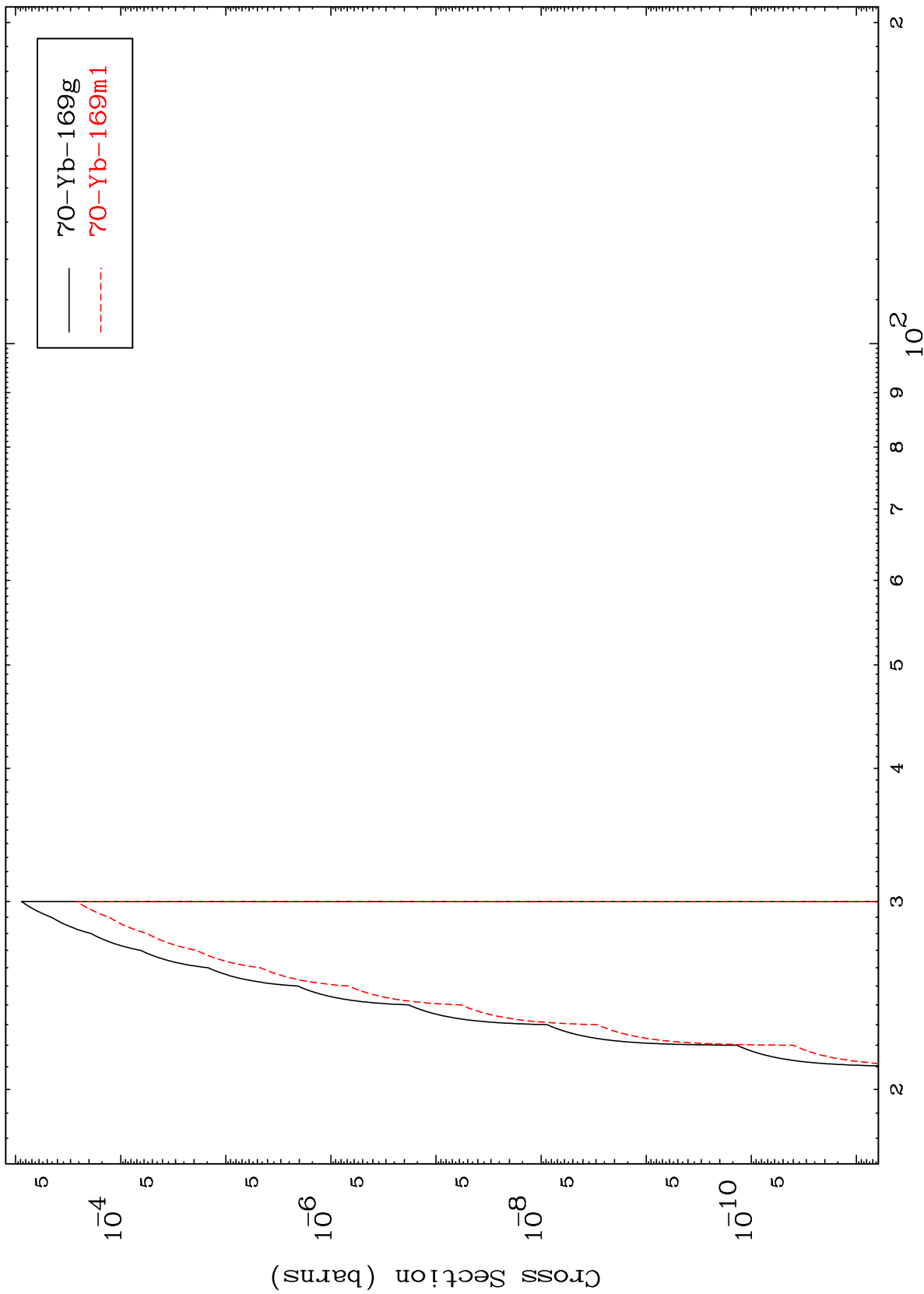
Incident Energy (MeV)

71-Lu-172

Inelastic
Radionuclide Production Cross Section



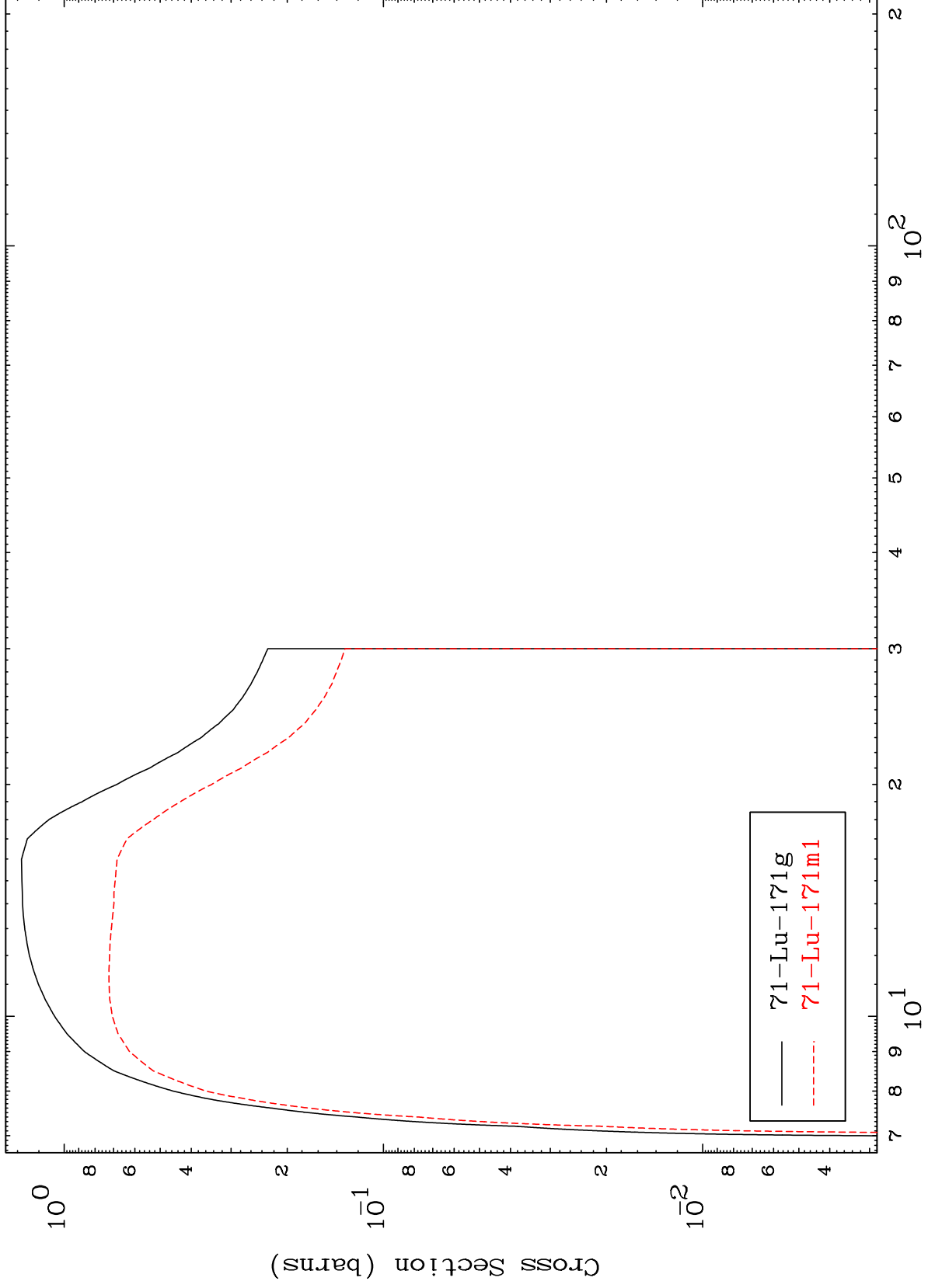
Radionuclide Production Cross Section



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71-Lu-172

(n,2n)
Radionuclide Production Cross Section



21

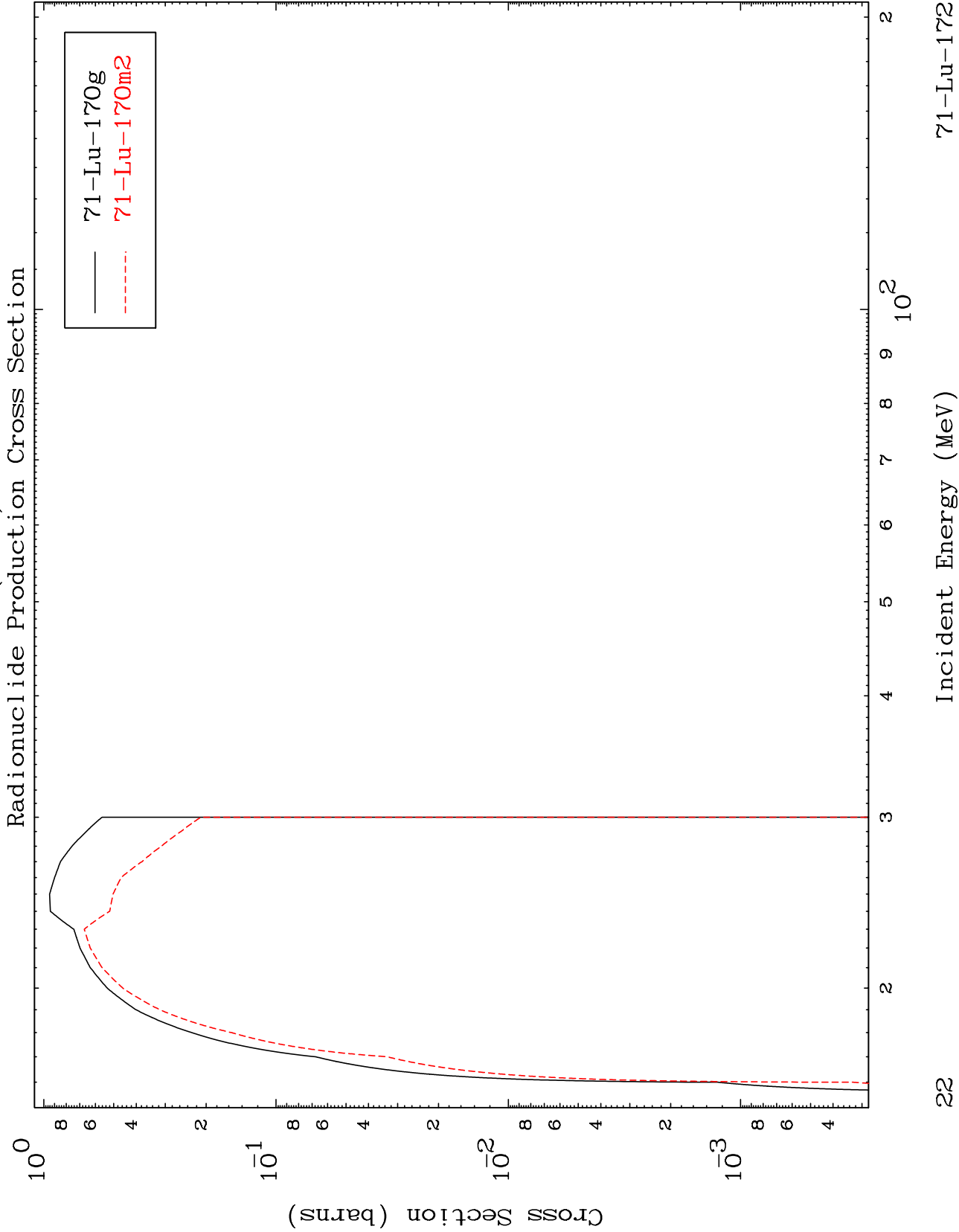
Incident Energy (MeV)

71-Lu-172

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(n,3n)

71-Lu-172

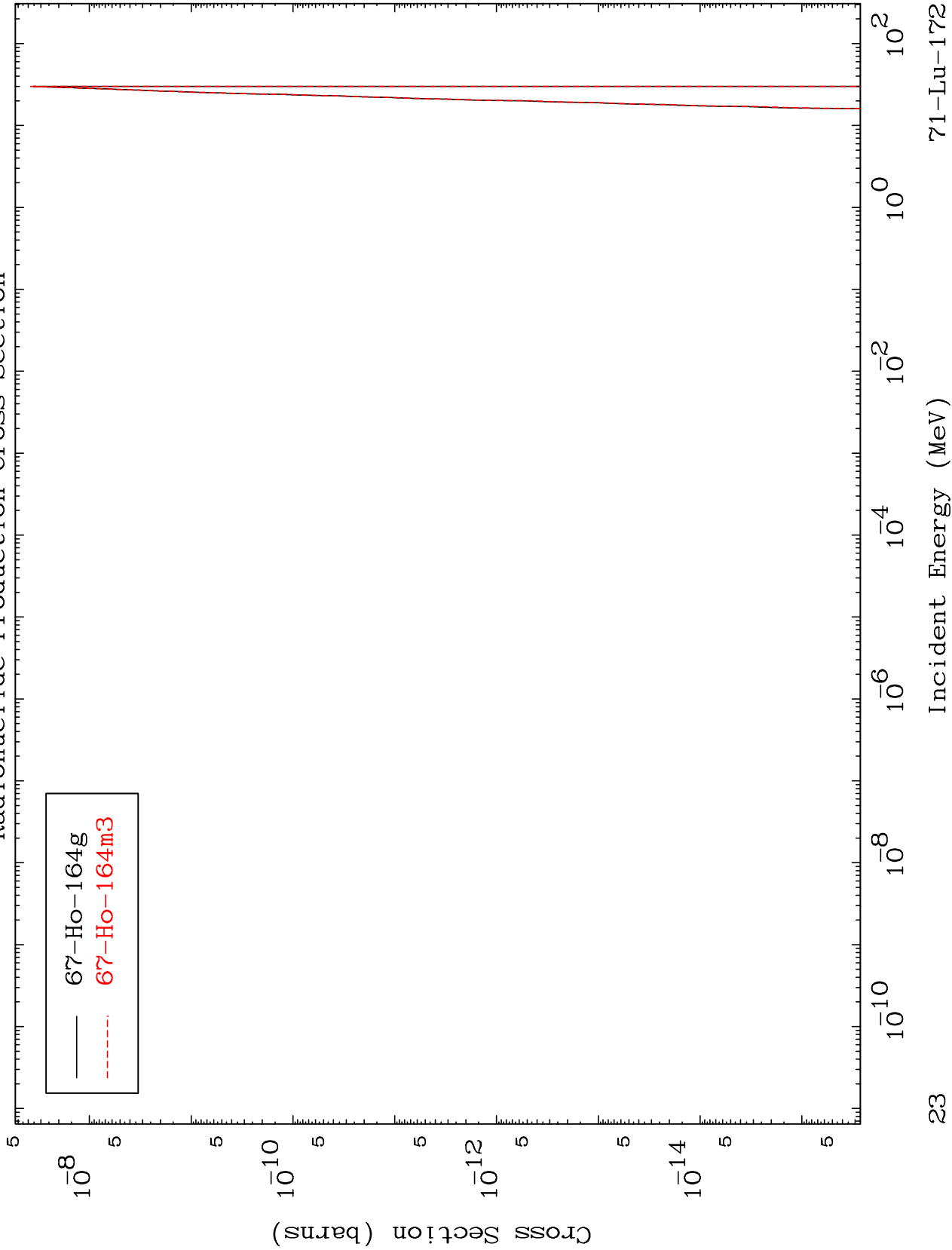


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(n,n') 2α

71-Lu-172

Radionuclide Production Cross Section

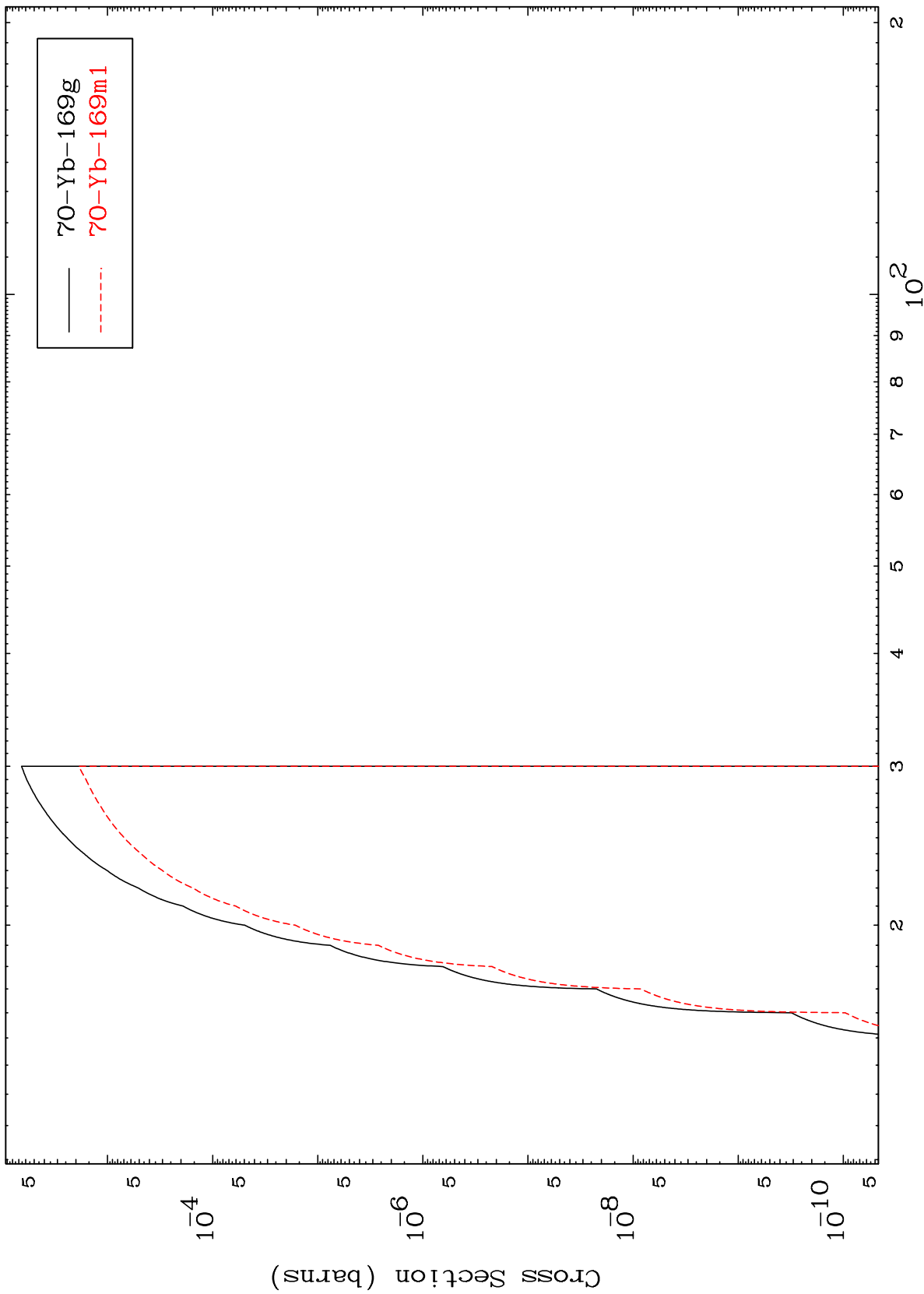


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(n,n') t

71-Lu-172

Radionuclide Production Cross Section



24

Incident Energy (MeV)

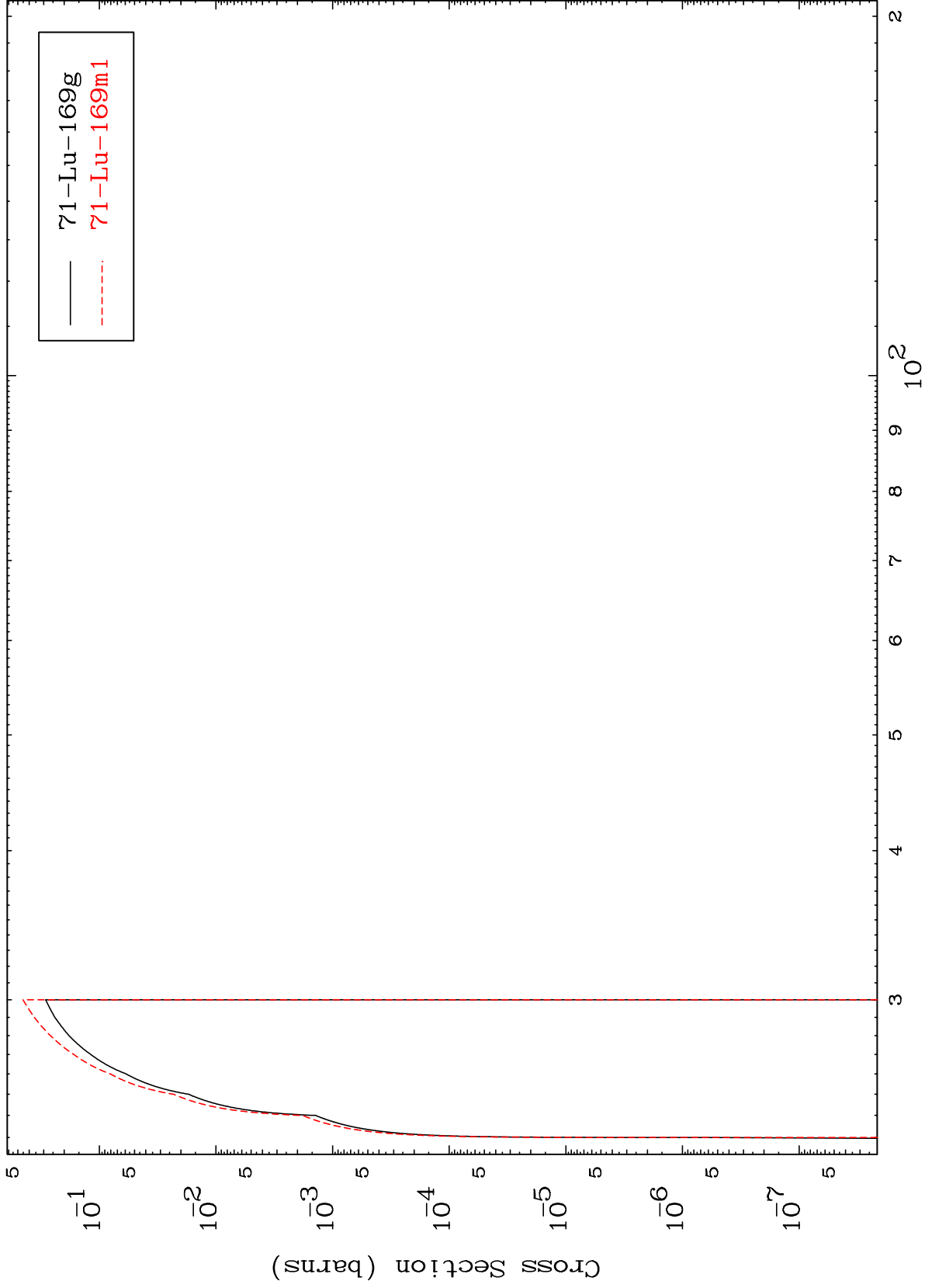
71-Lu-172

MAT 71117

(n,4n)

71-Lu-172

Radionuclide Production Cross Section

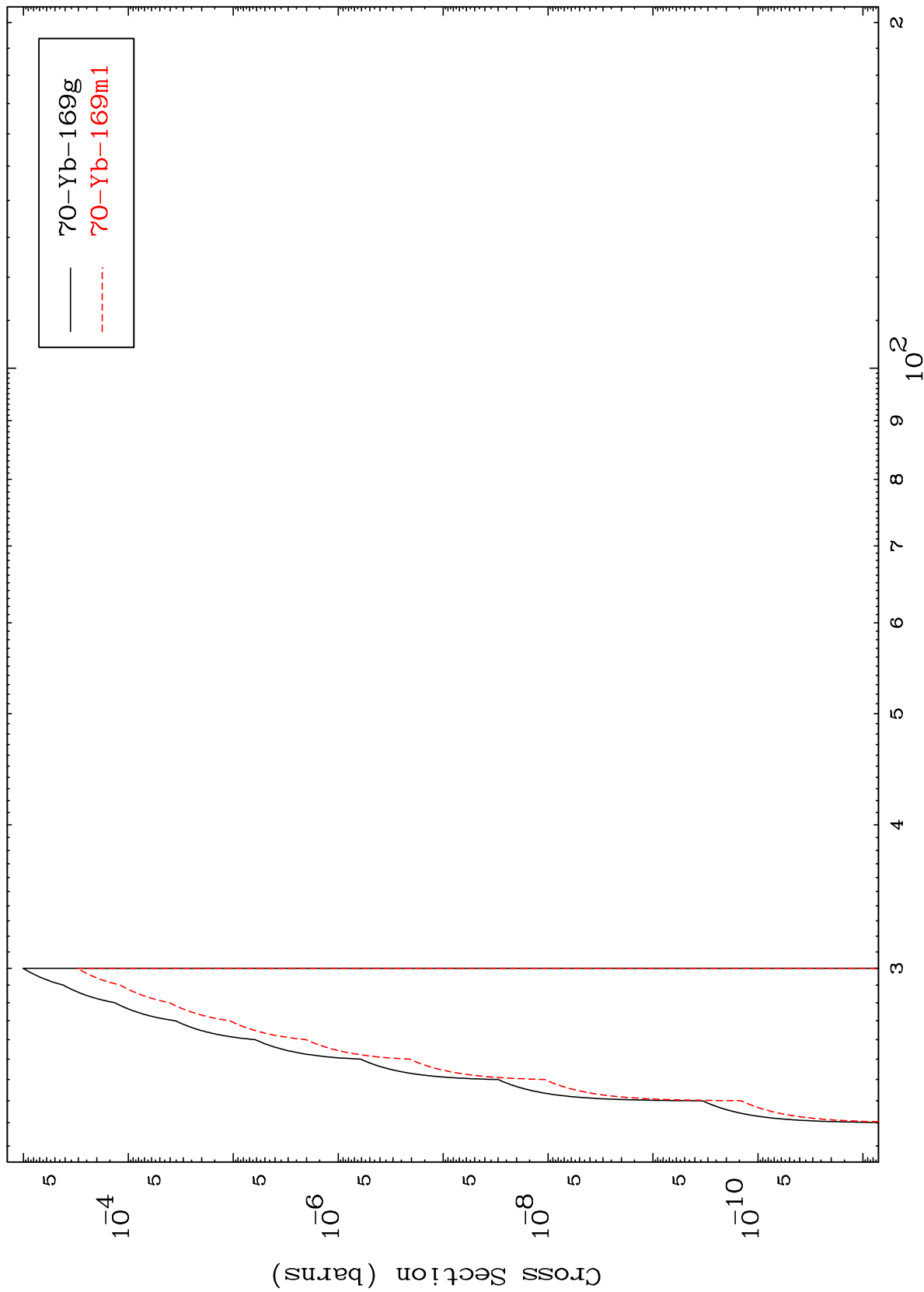


25

Incident Energy (MeV)

71-Lu-172

Radionuclide Production Cross Section

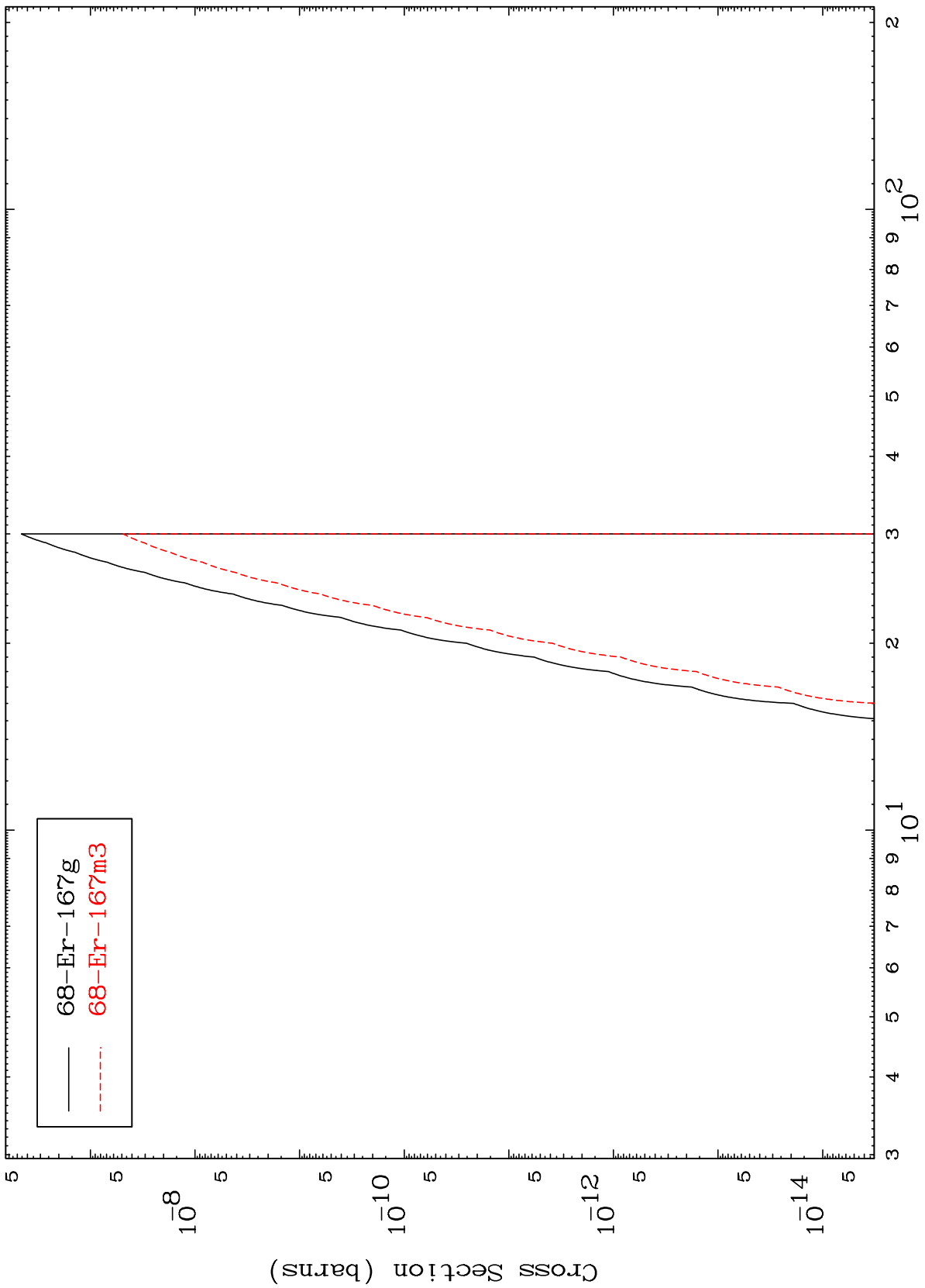


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(n,n') p α

71-Lu-172

Radionuclide Production Cross Section



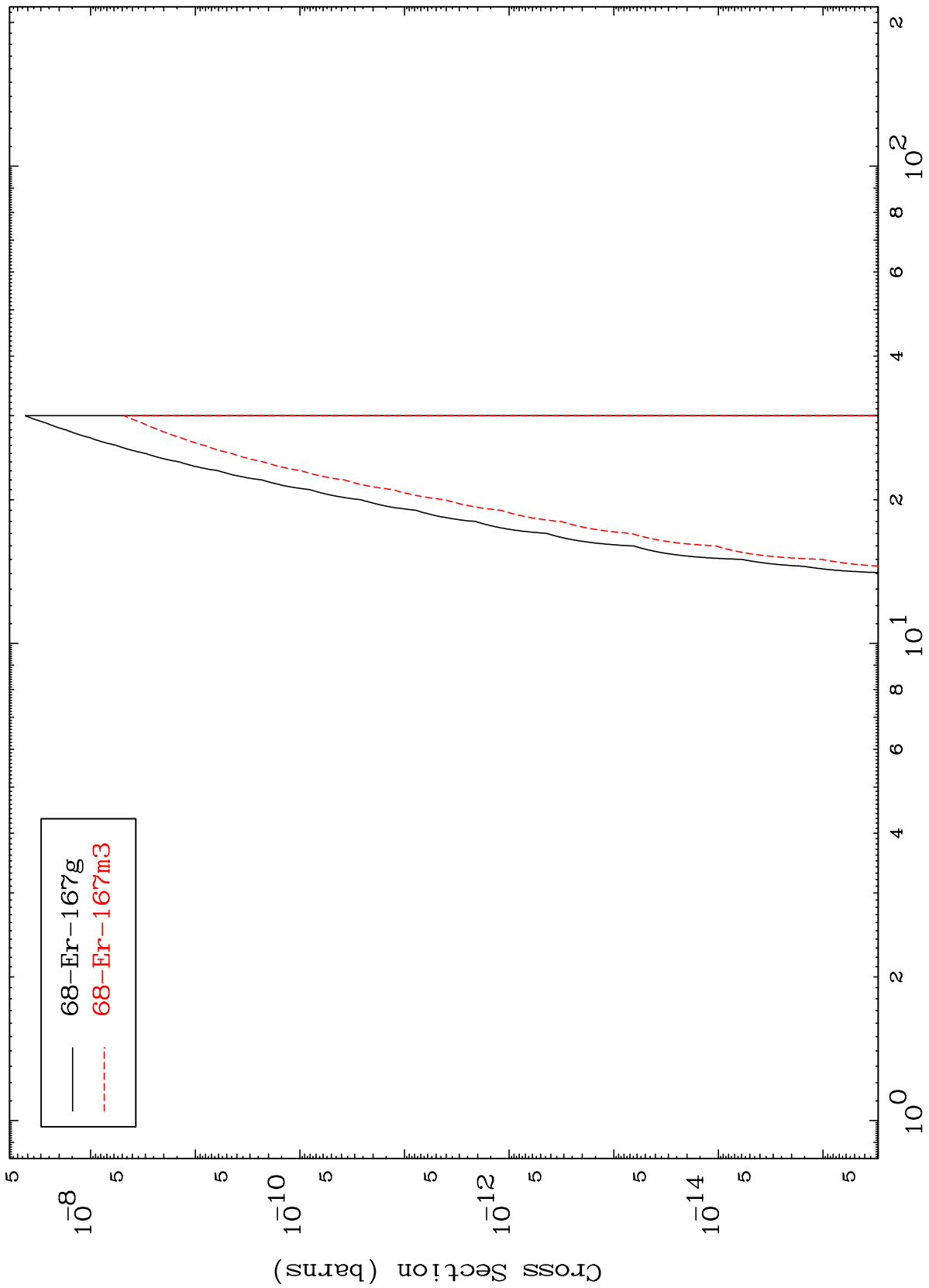
68-Er-167g
68-Er-167m3

MAT 7117

(n,d) α

71-Lu-172

Radionuclide Production Cross Section



28

Incident Energy (MeV)

71-Lu-172