

Program EVALPLOT
(Version 2015-2)

by

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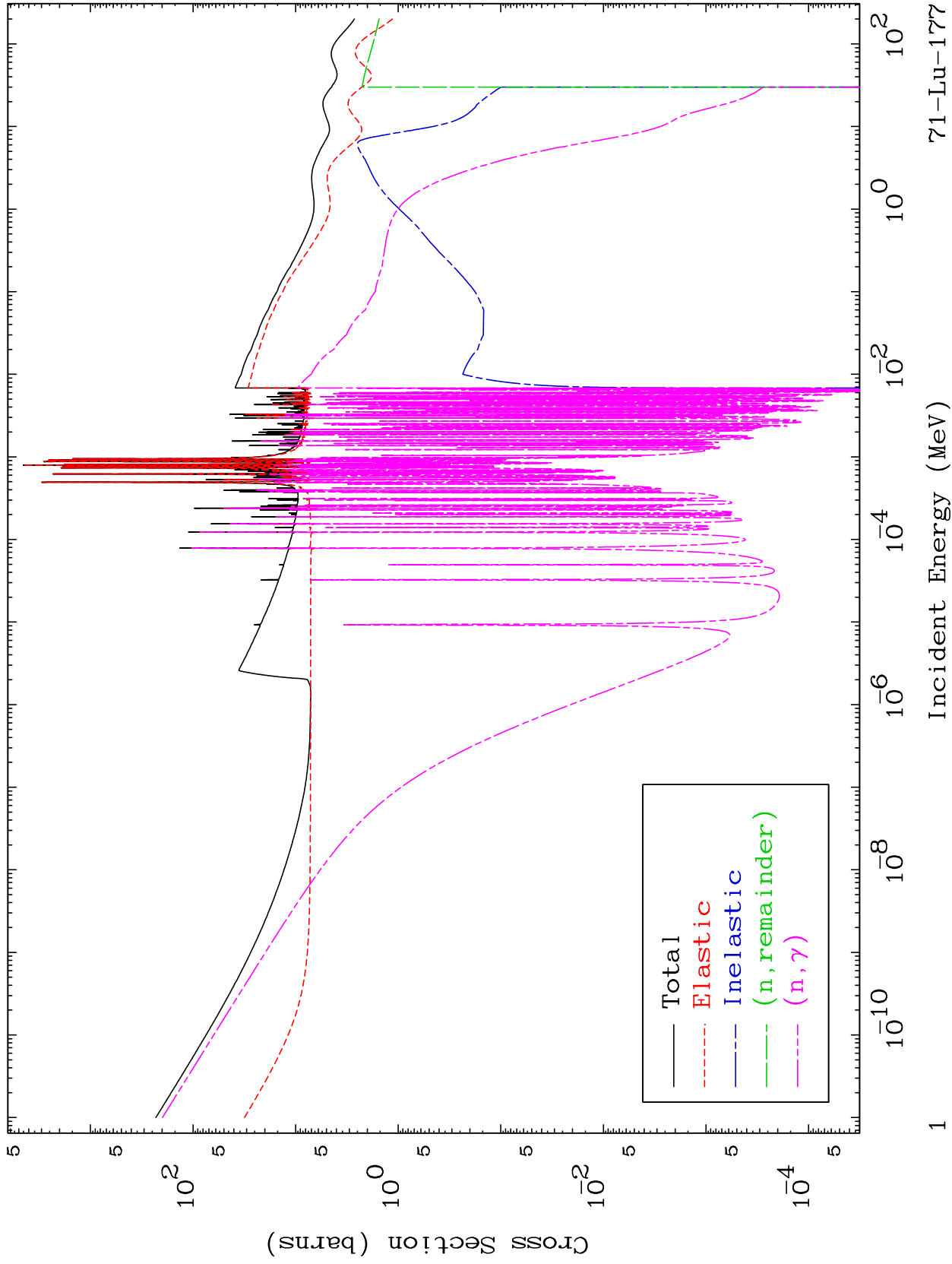
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 7132

Major
293 Kelvin Cross Sections

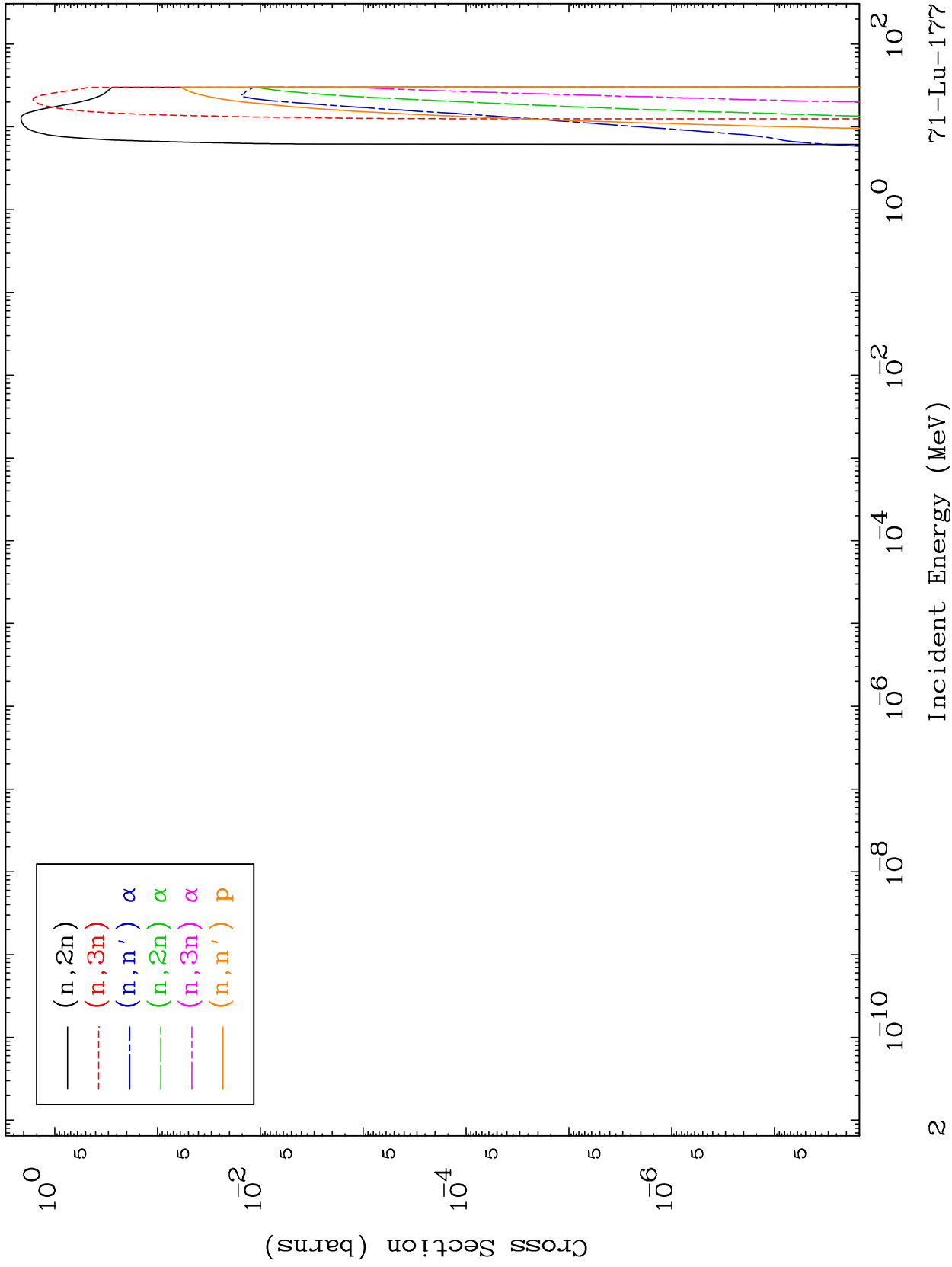
71-Lu-177

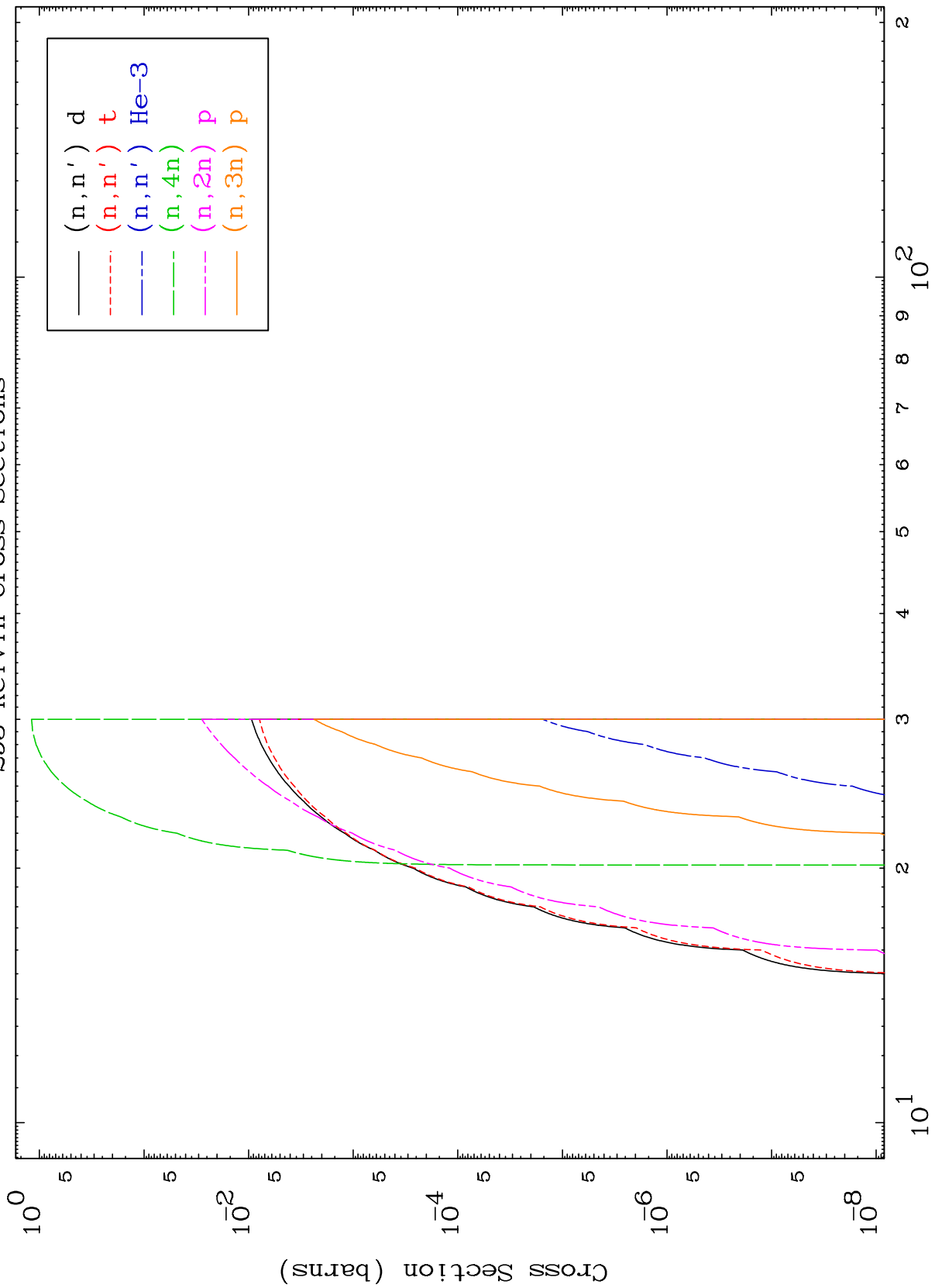


MAT 7132

Neutron Production
293 Kelvin Cross Sections

71-Lu-177

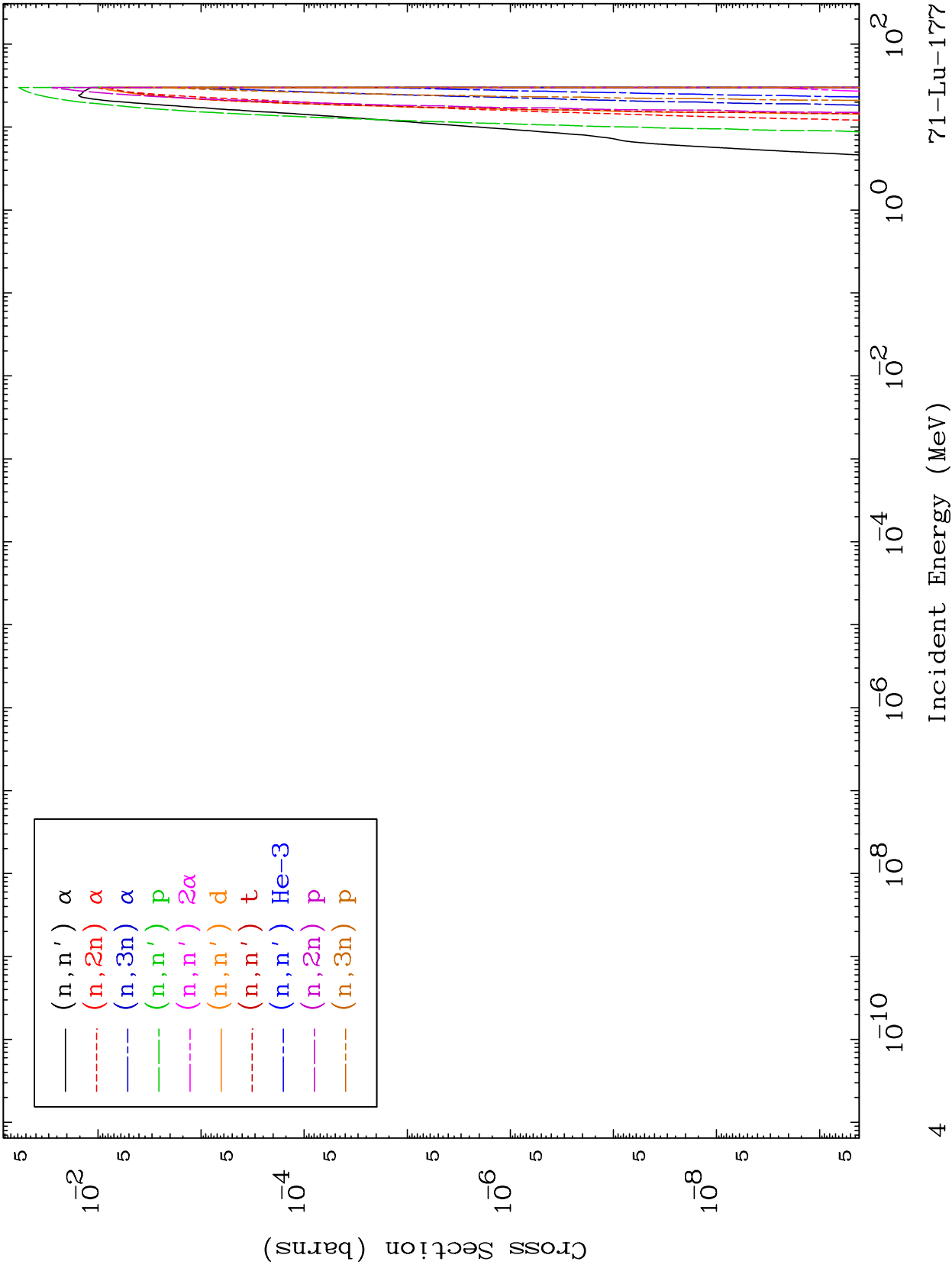




MAT 7132

Charged Particle
293 Kelvin Cross Sections

71-Lu-177

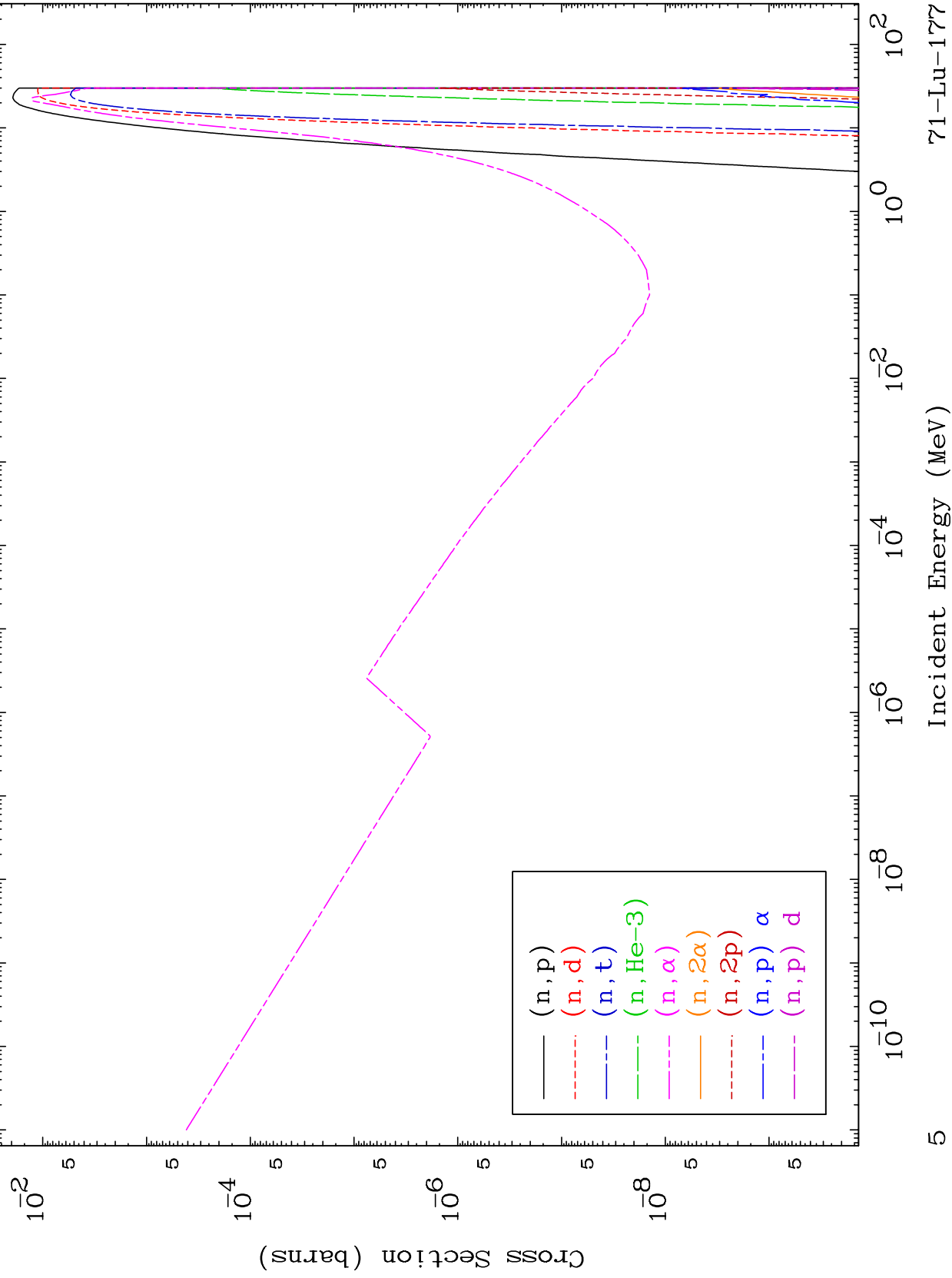


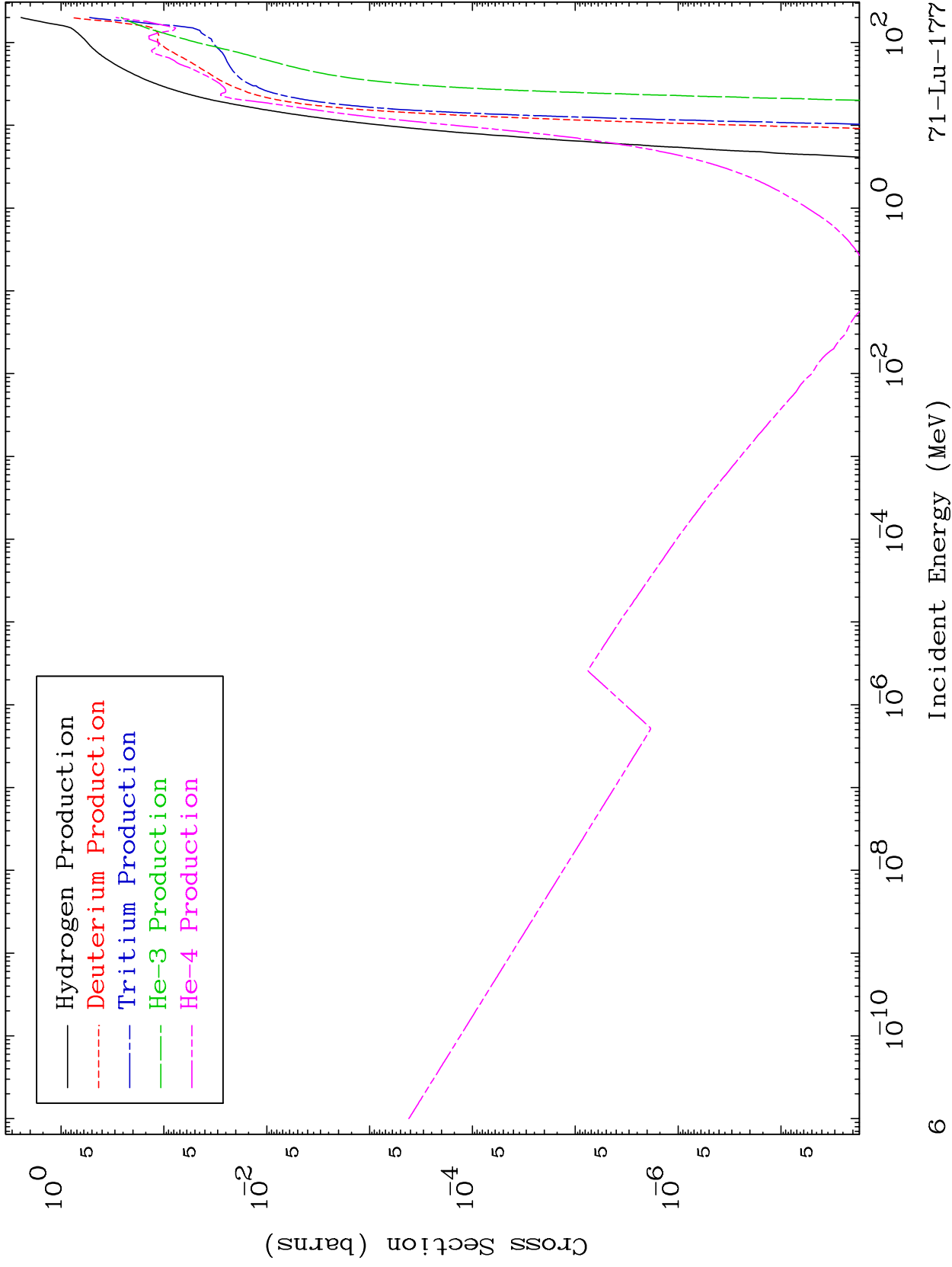
71-Lu-177

MAT 7132

Charged Particle
293 Kelvin Cross Sections

71-Lu-177

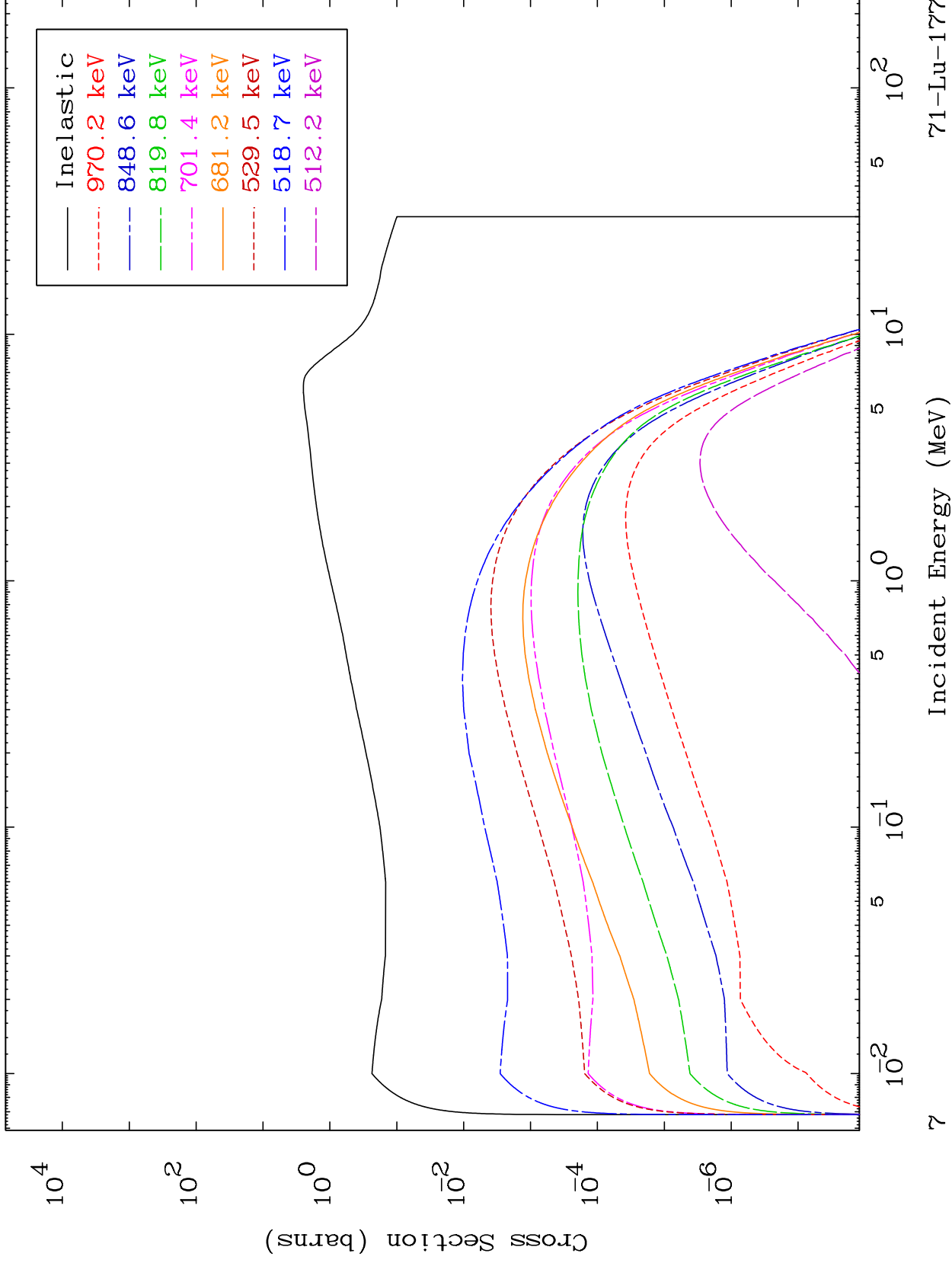




MAT 7132

(n,n') Level
293 Kelvin Cross Sections

71-Lu-177



71-Lu-177

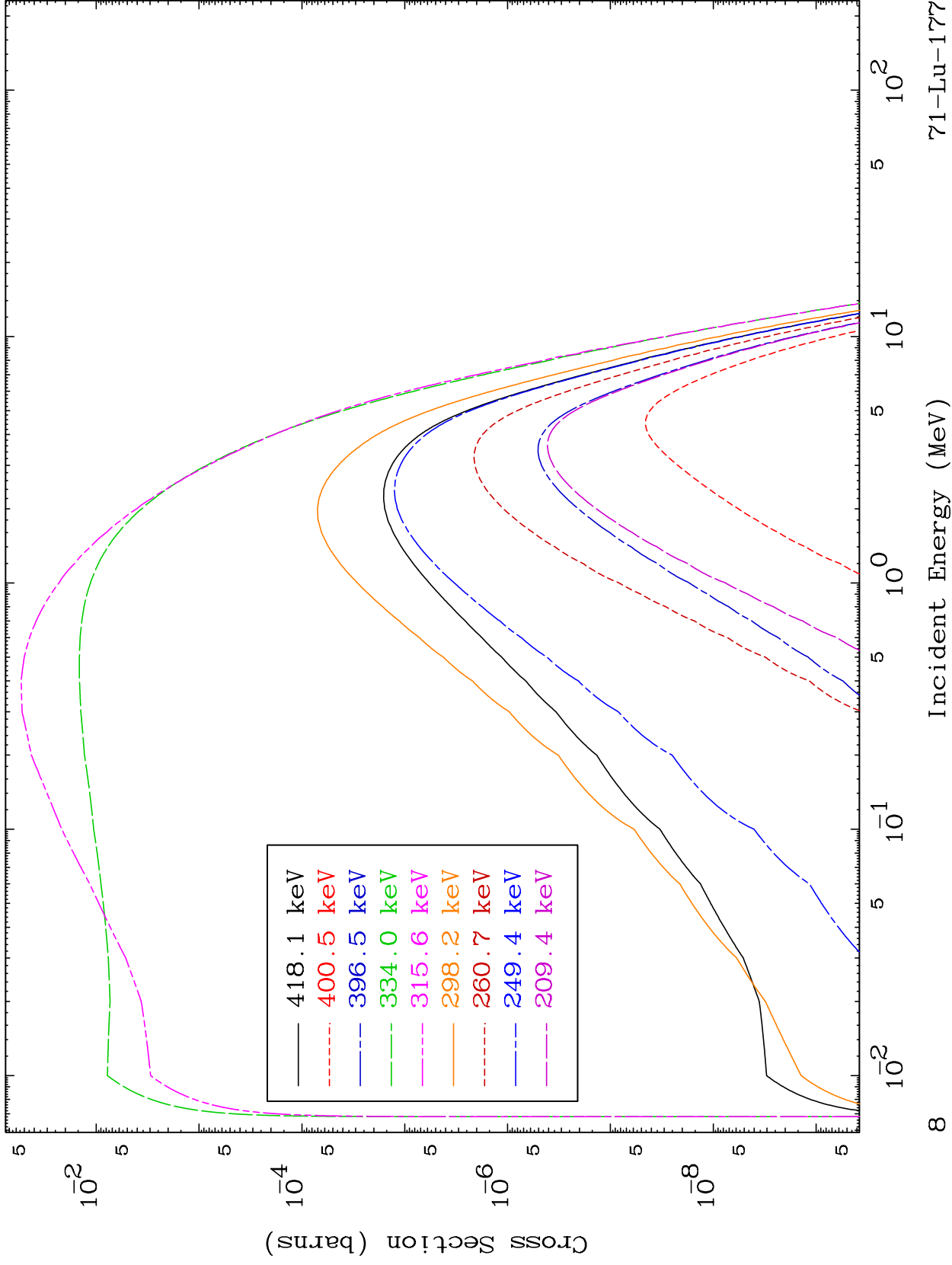
Incident Energy (MeV)

7

MAT 7132

(n,n') Level
293 Kelvin Cross Sections

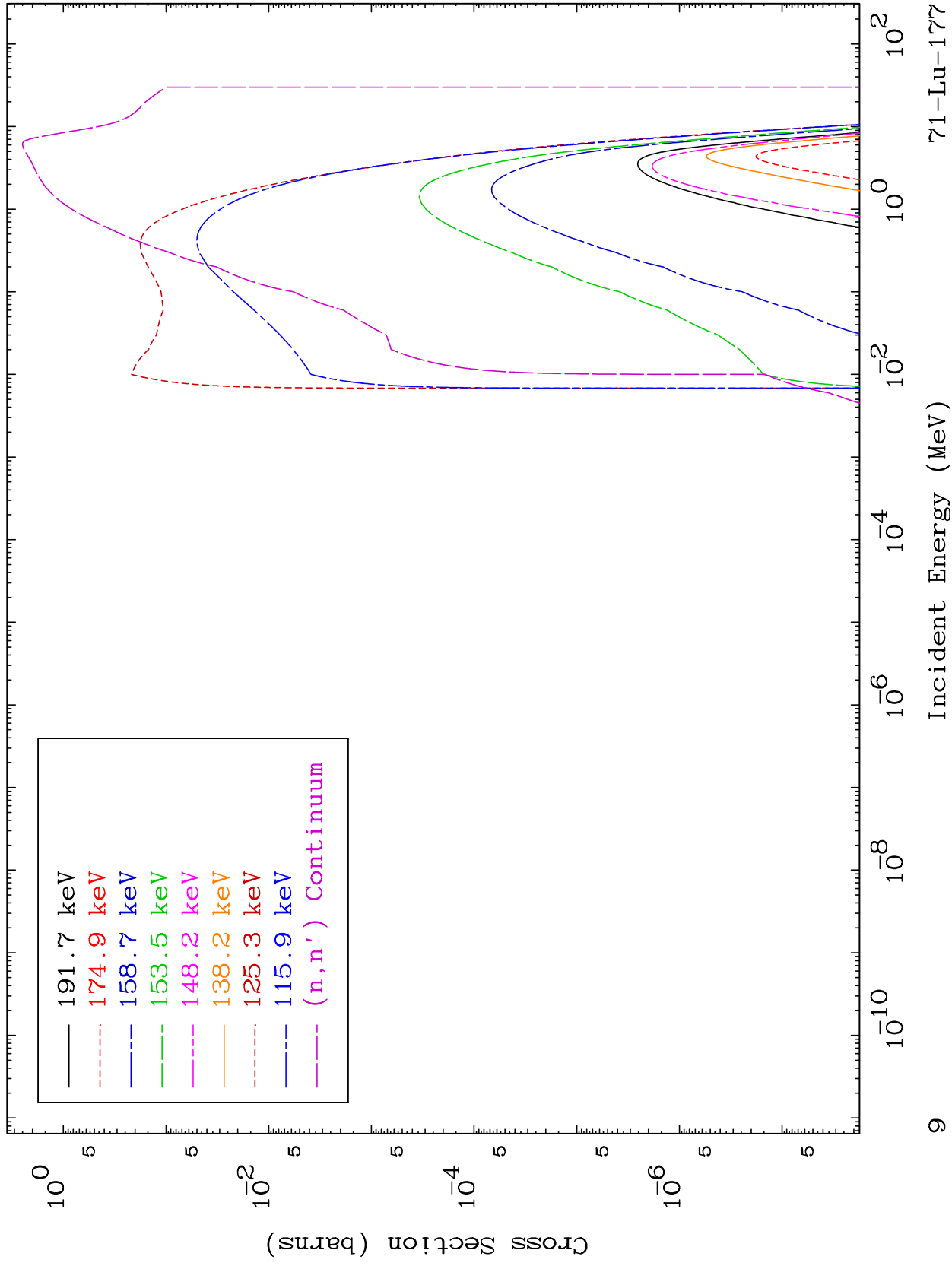
71-Lu-177



MAT 7132

(n,n') Level
293 Kelvin Cross Sections

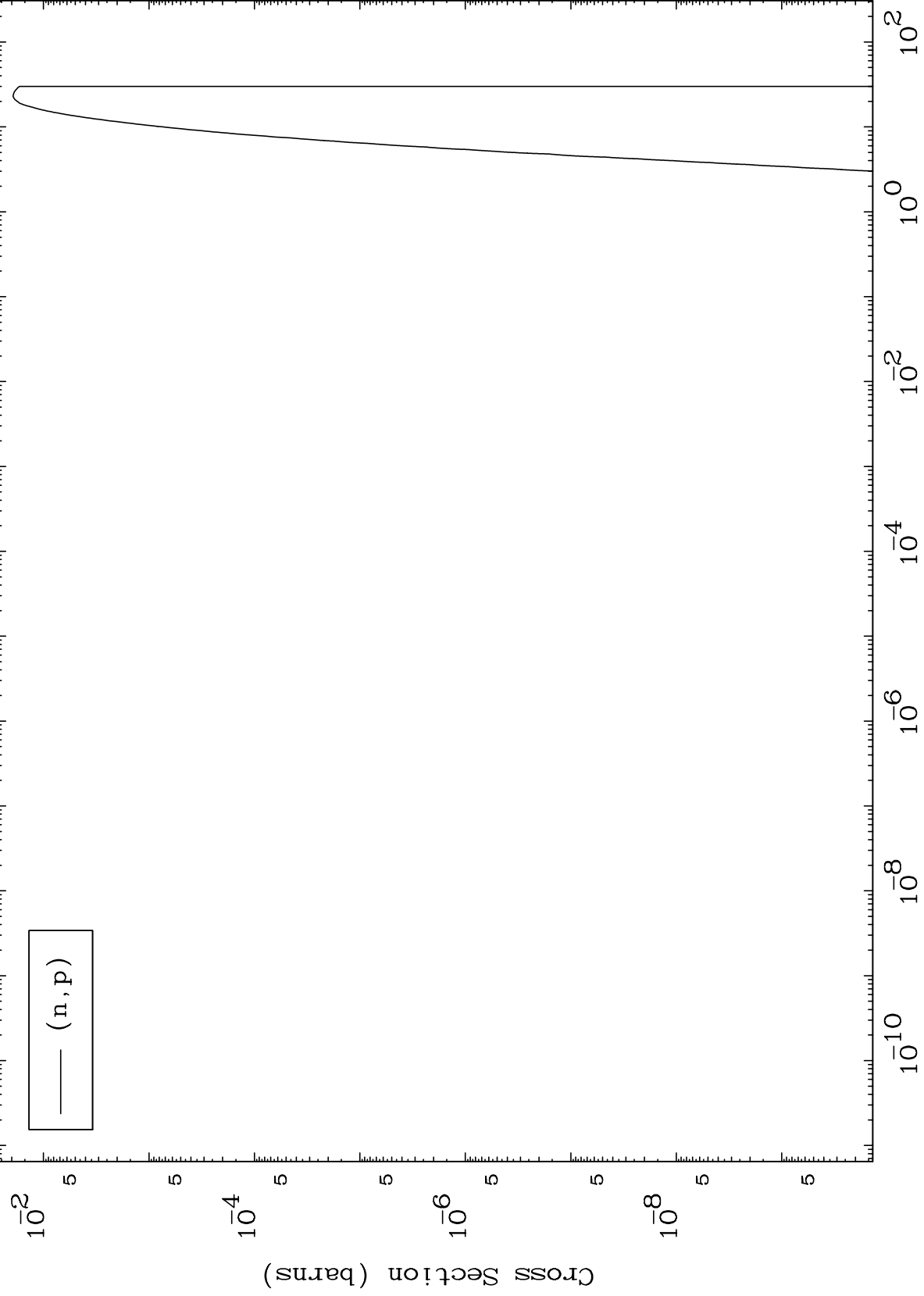
71-Lu-177



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(n,p) Levels
293 Kelvin Cross Sections

71-Lu-177



10

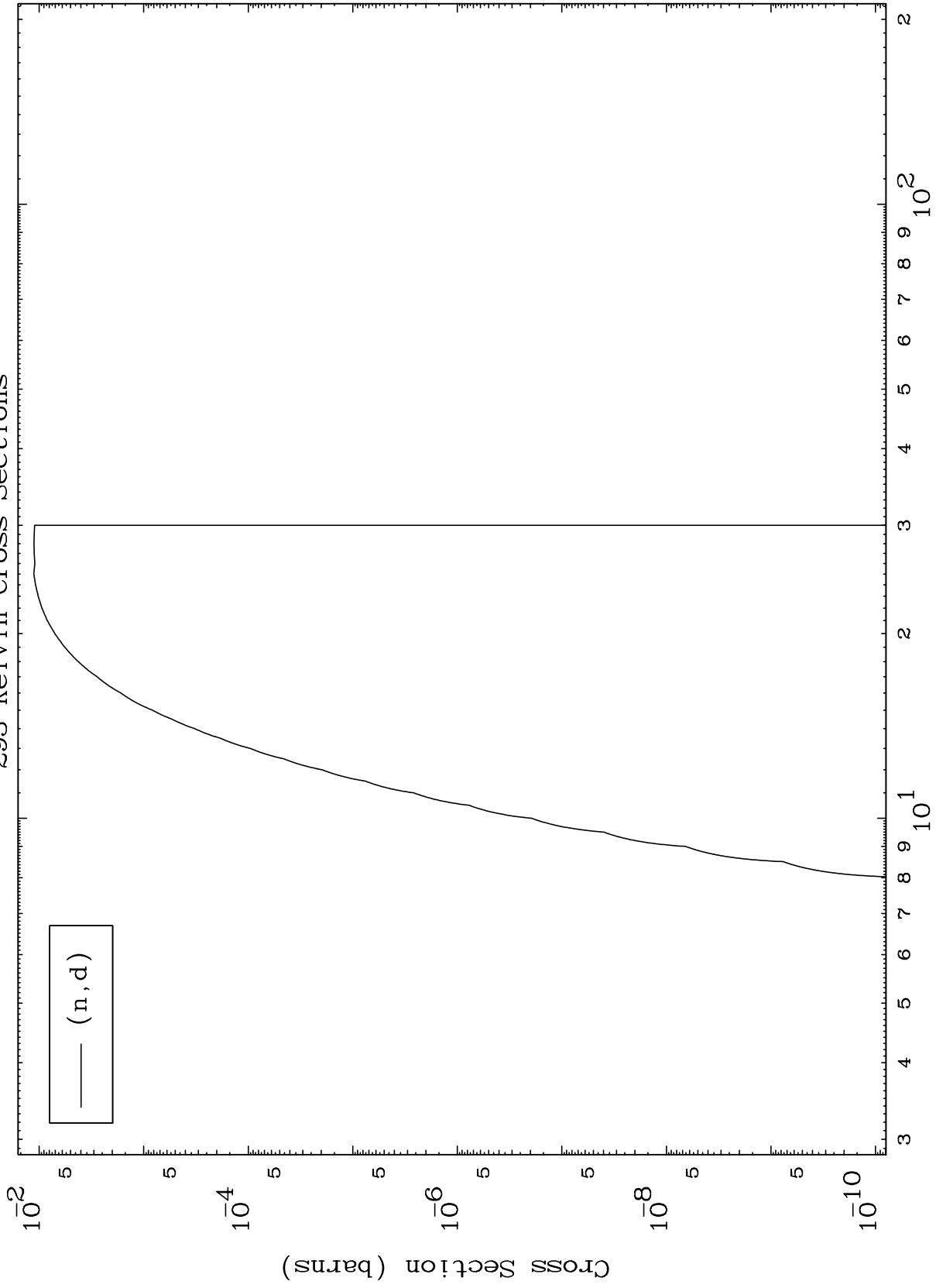
Incident Energy (MeV)

71-Lu-177

MAT 7132

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-177



Incident Energy (MeV)

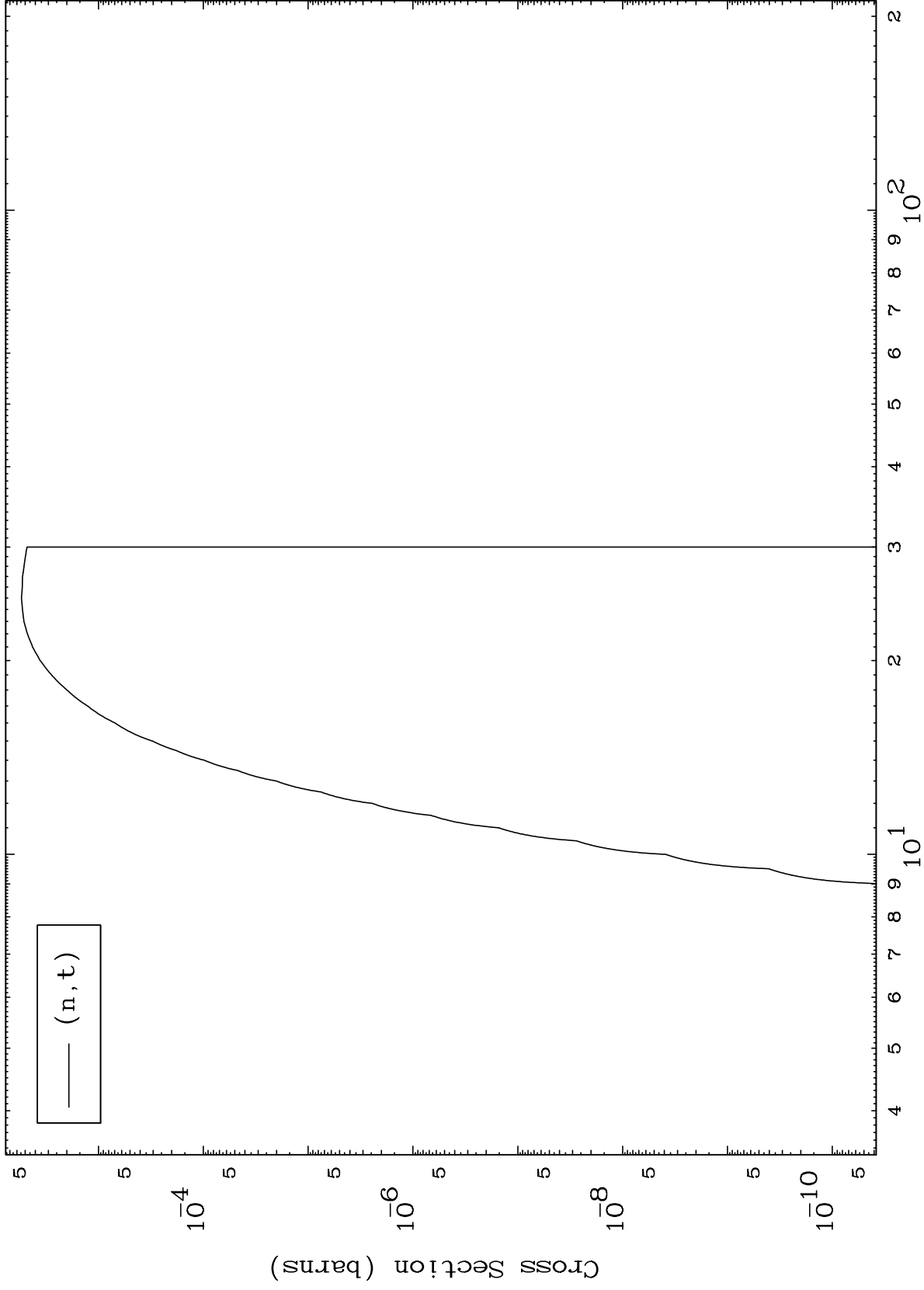
71-Lu-177

11

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(n,t) Levels
293 Kelvin Cross Sections

71-Lu-177



12

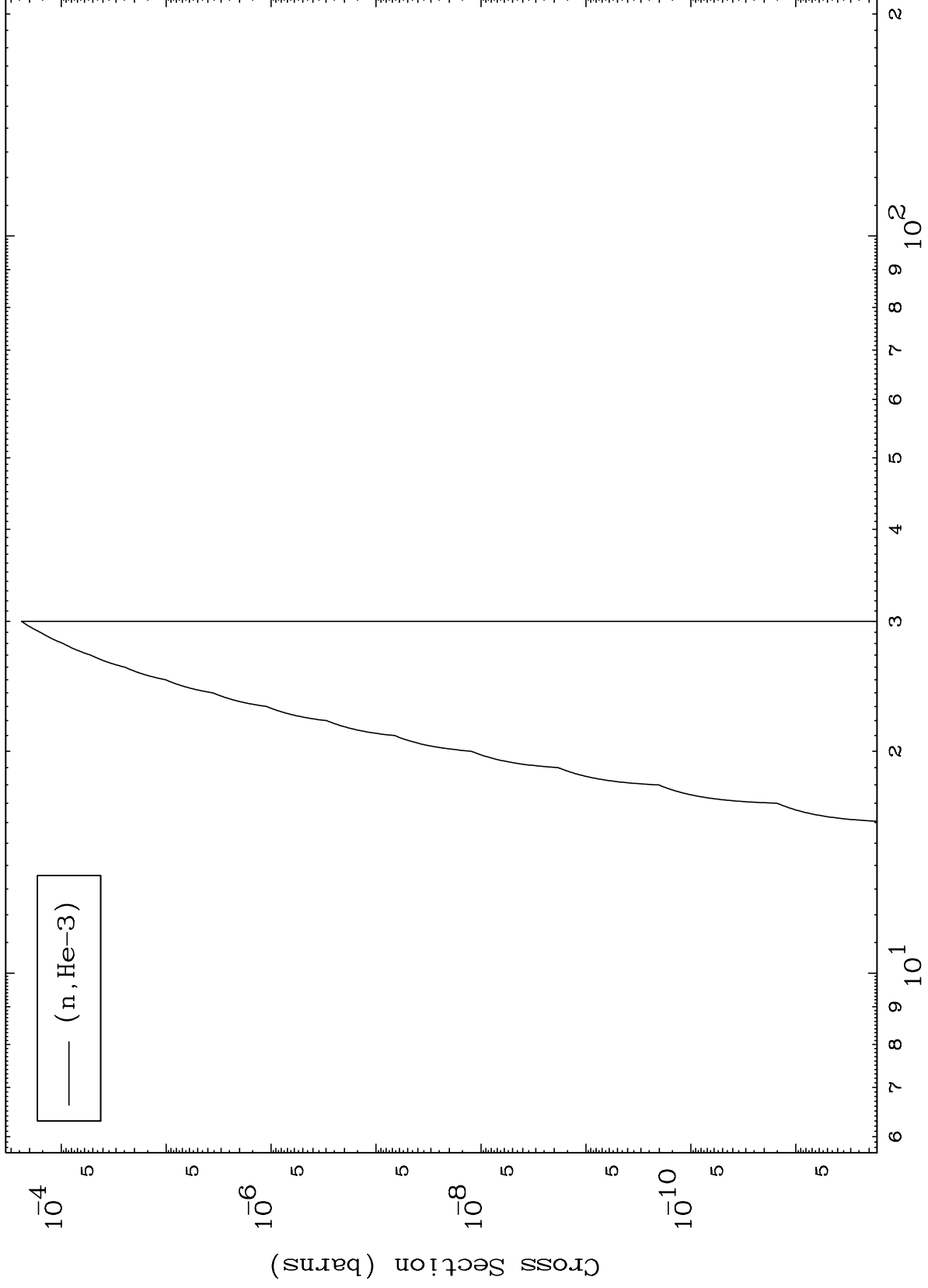
Incident Energy (MeV)

71-Lu-177

MAT 7132

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-177



13

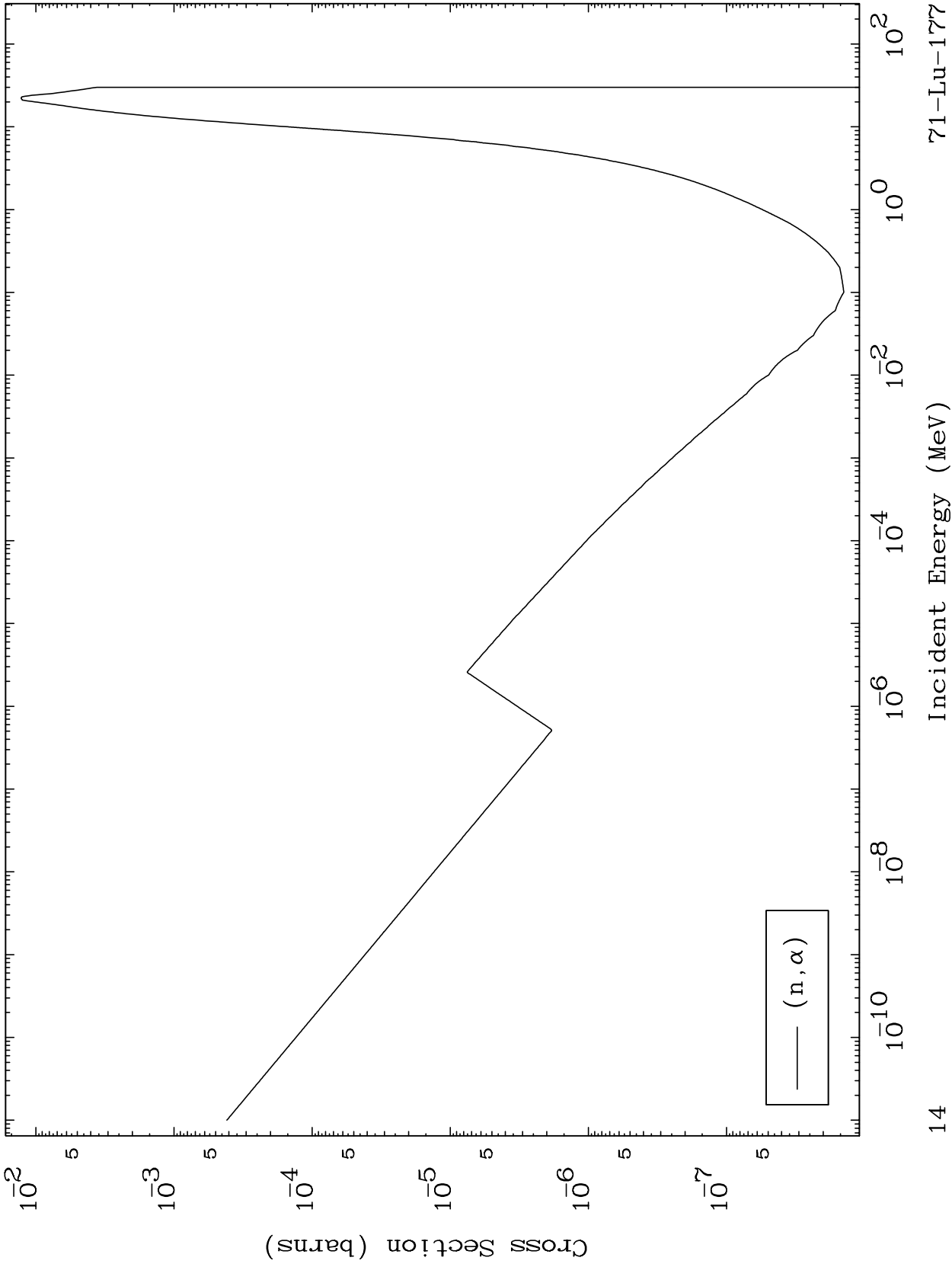
Incident Energy (MeV)

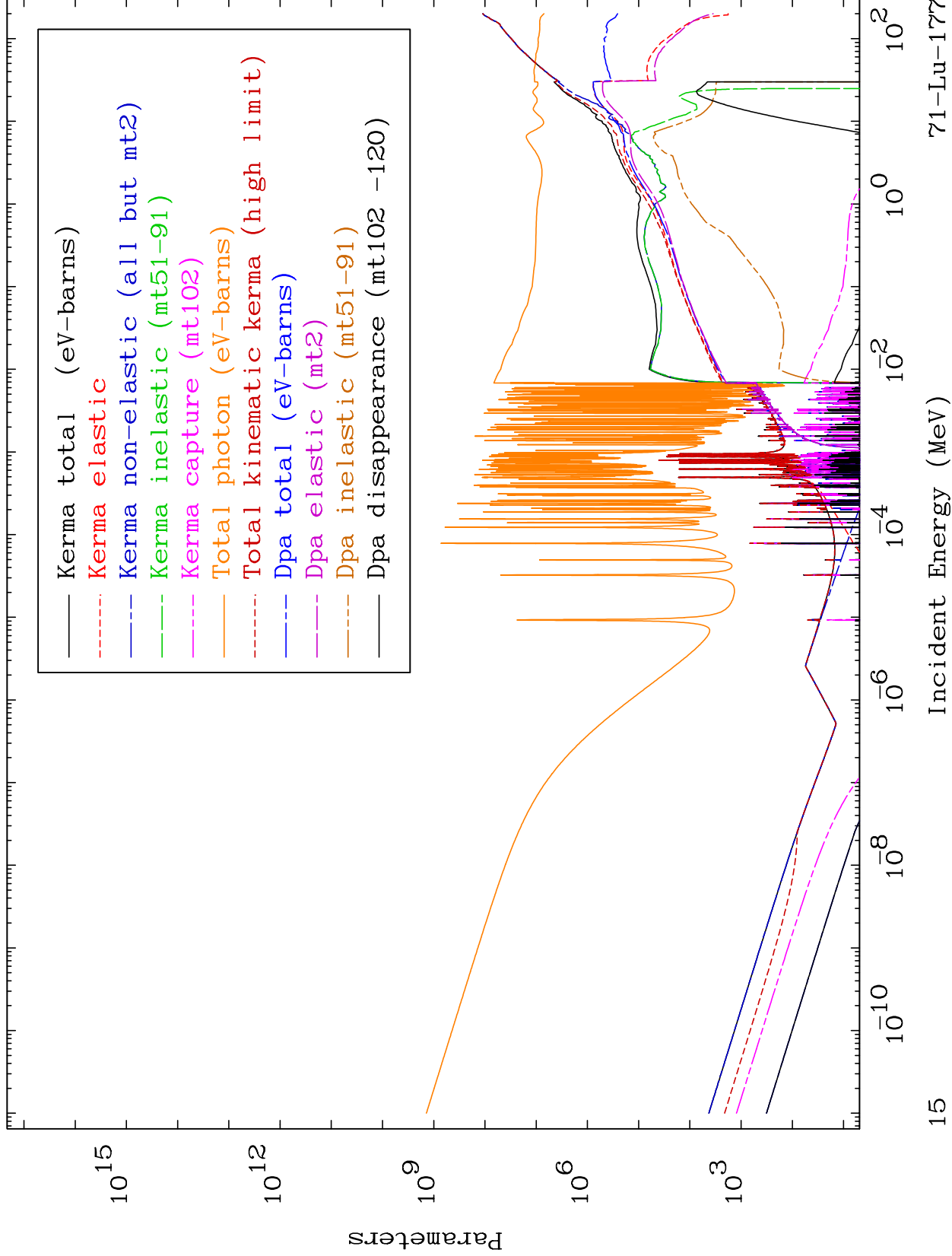
71-Lu-177

MAT 7132

(n,α) Levels
293 Kelvin Cross Sections

71-Lu-177

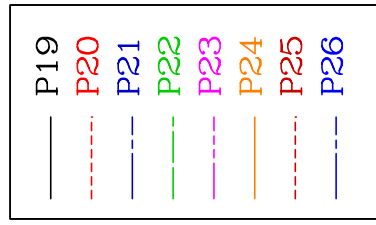




MAT 7132

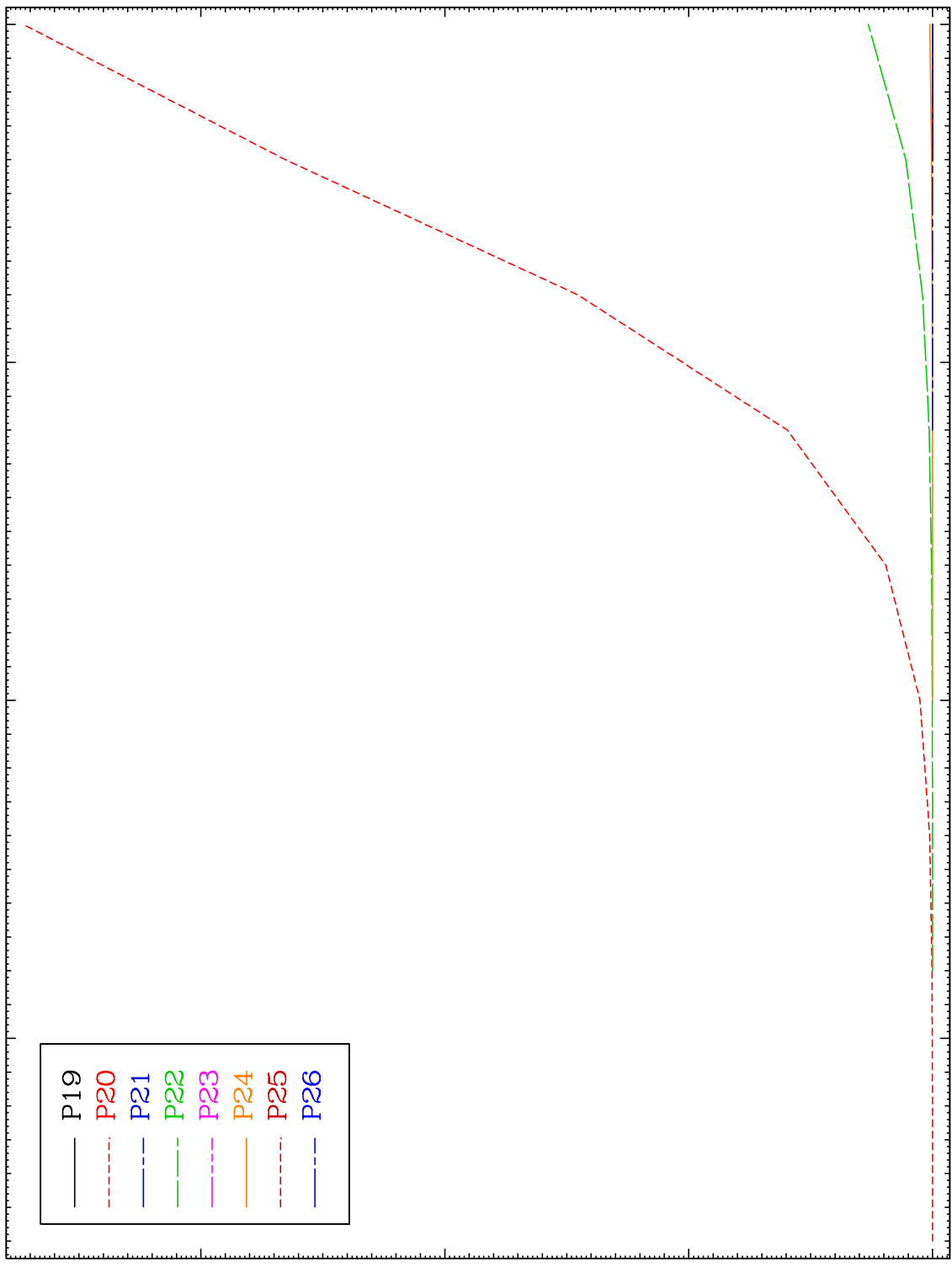
Elastic
Legendre Coefficients

71-Lu-177



$\times 10^{-6}$

Legendre (CM)



18

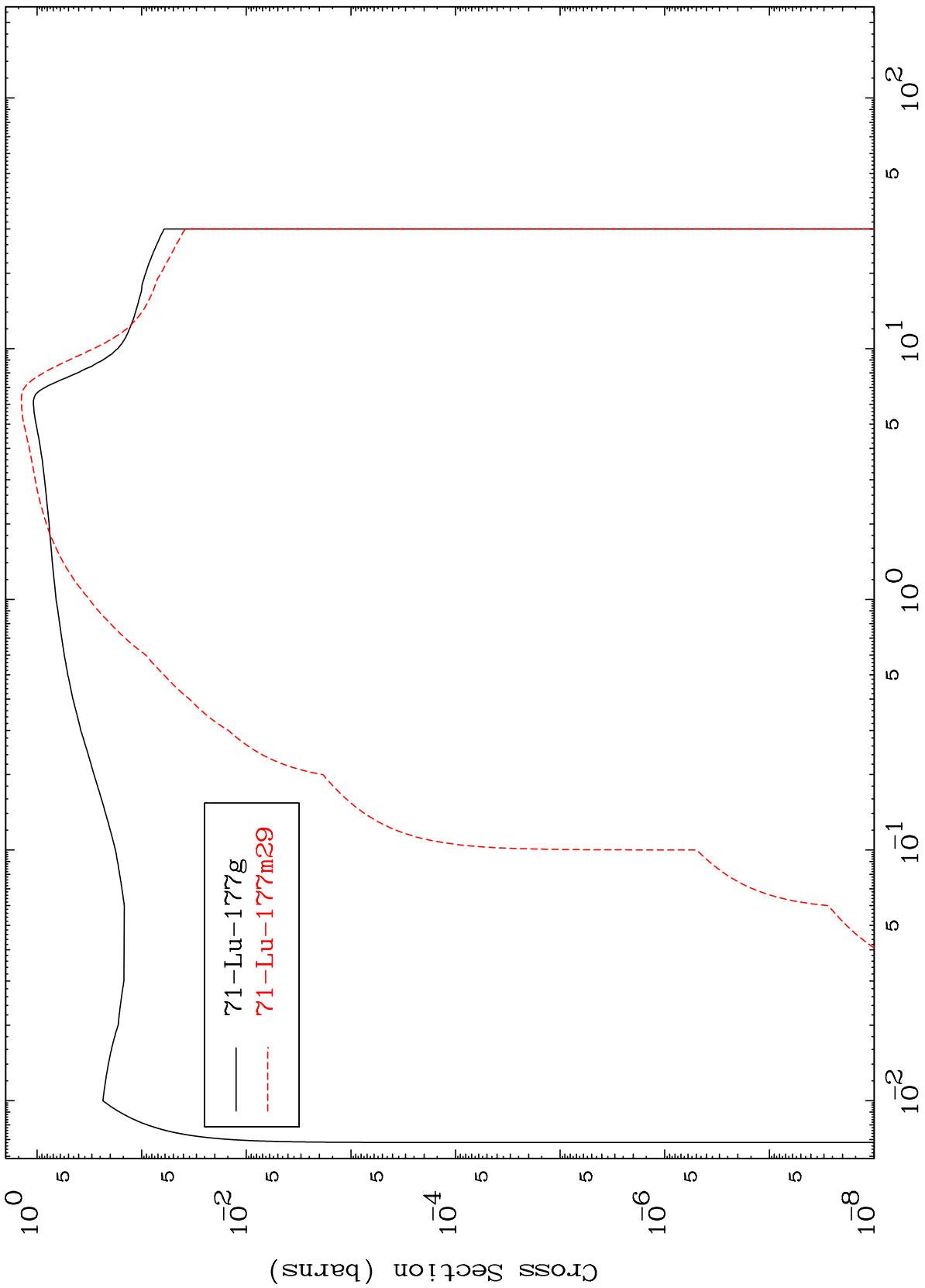
Incident Energy (MeV)

71-Lu-177

MAT 7132

71-Lu-177

Inelastic
Radionuclide Production Cross Section



19

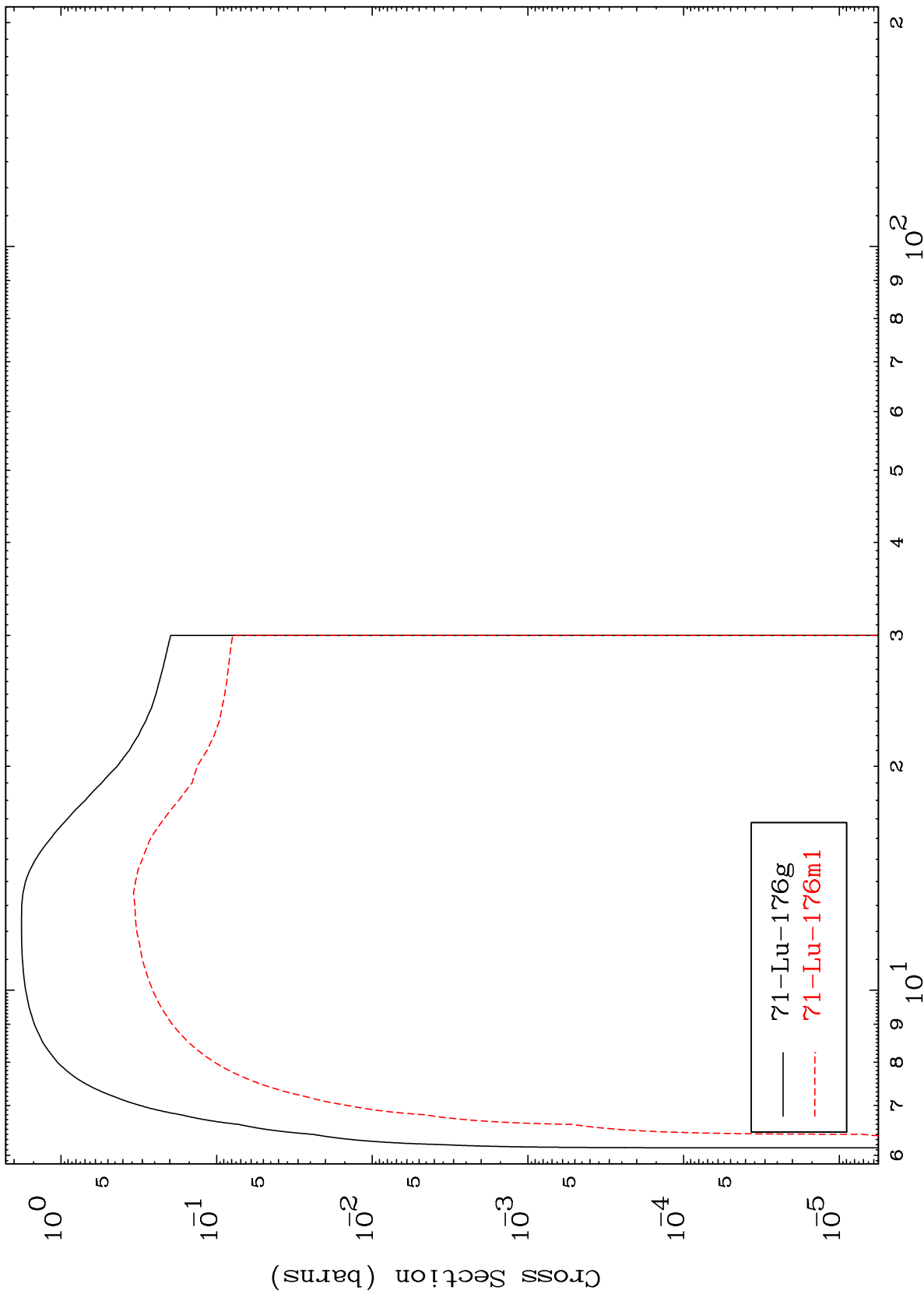
71-Lu-177

Incident Energy (MeV)

MAT 7132

⁷¹Lu-177

Radionuclide Production Cross Section



— ⁷¹Lu-176g
- - - ⁷¹Lu-176m1

⁷¹Lu-177

Incident Energy (MeV)

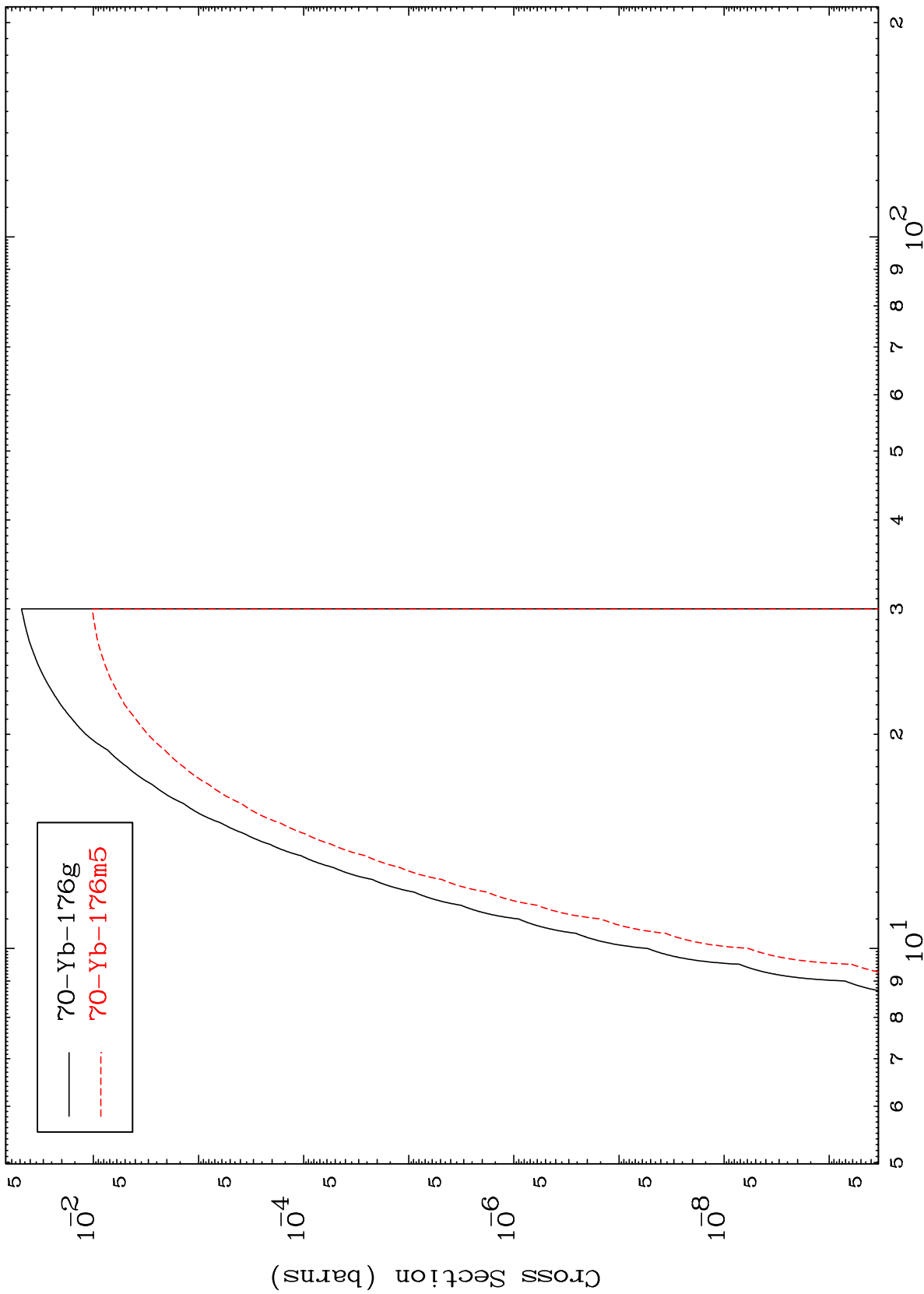
20

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(n,n') p

71-Lu-177

Radionuclide Production Cross Section



71-Lu-177

71-Lu-177

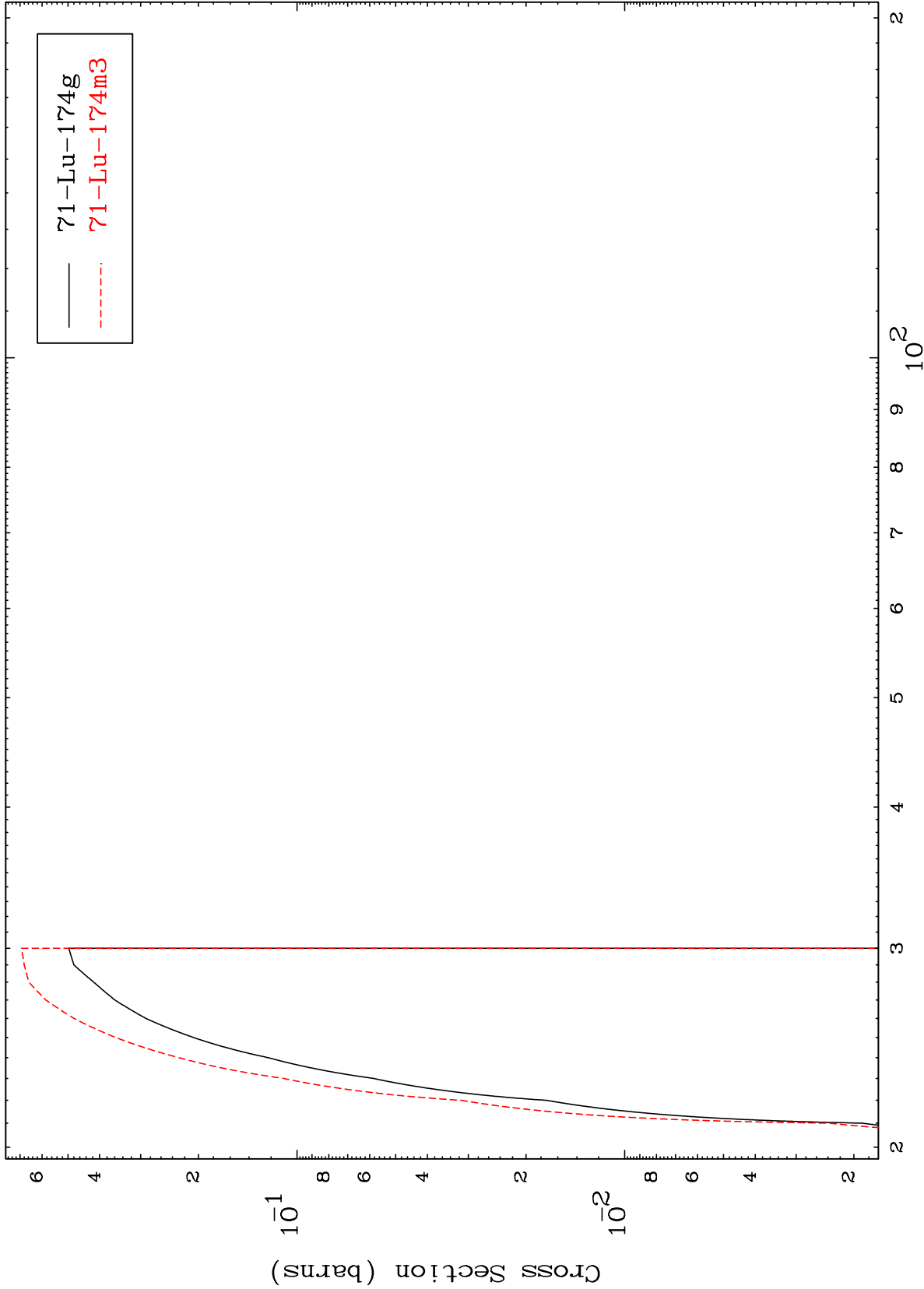
21

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(n,4n)

⁷¹Lu-177

Radionuclide Production Cross Section



22

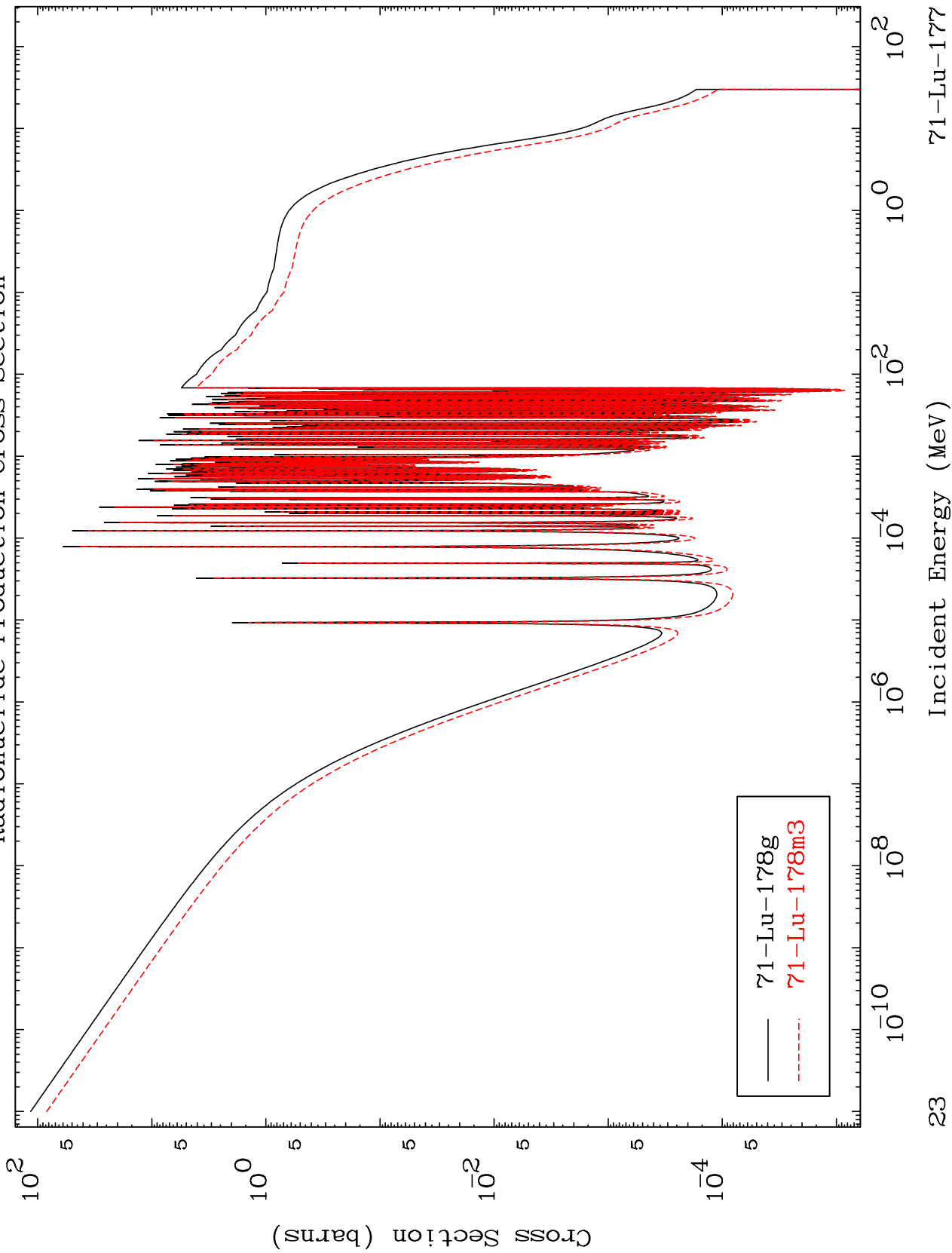
Incident Energy (MeV)

⁷¹Lu-177

MAT 7132

71-Lu-177

(n, γ)
Radionuclide Production Cross Section



71-Lu-177

Incident Energy (MeV)

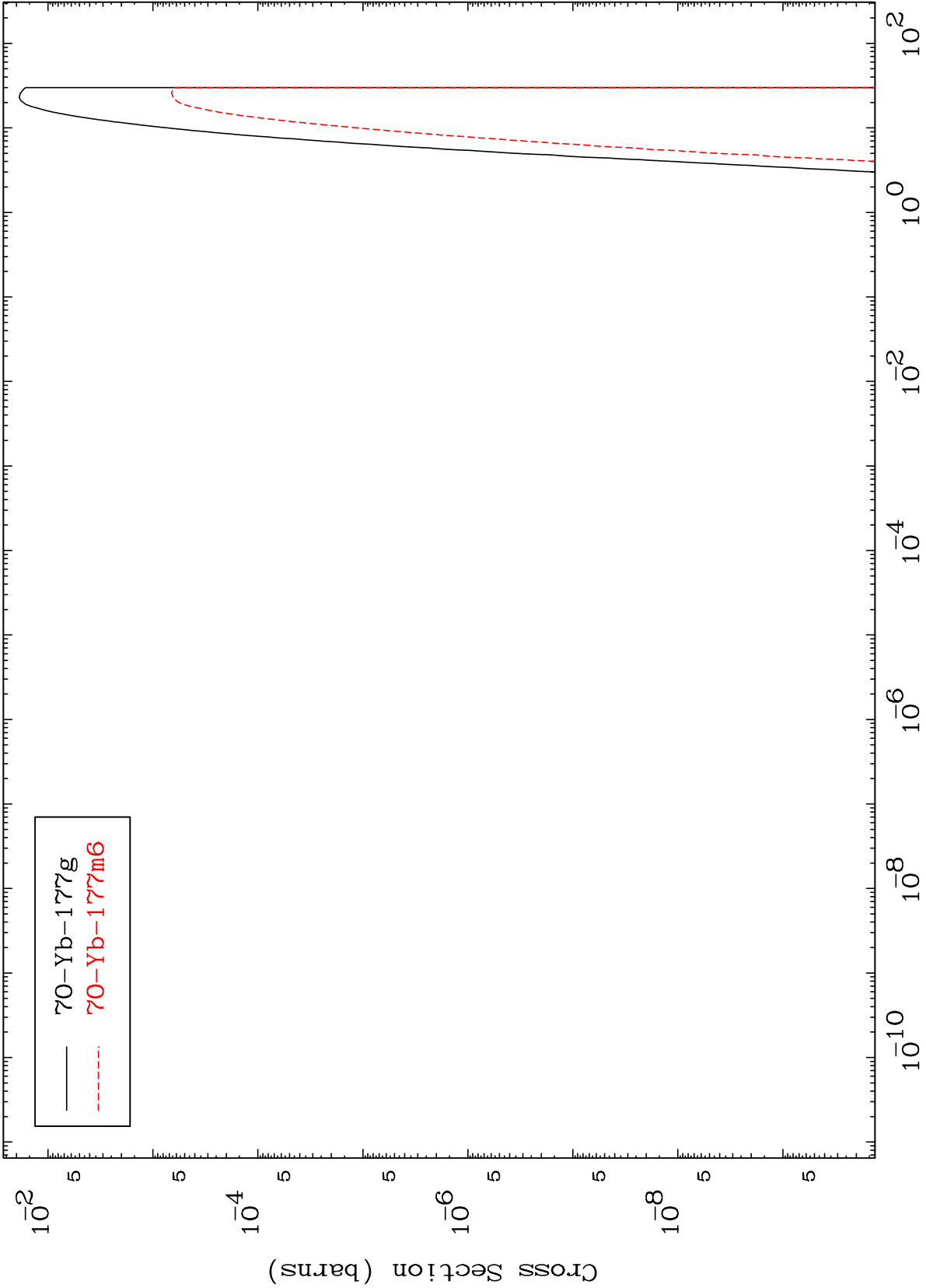
23

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(n,p)

⁷¹Lu-177

Radionuclide Production Cross Section

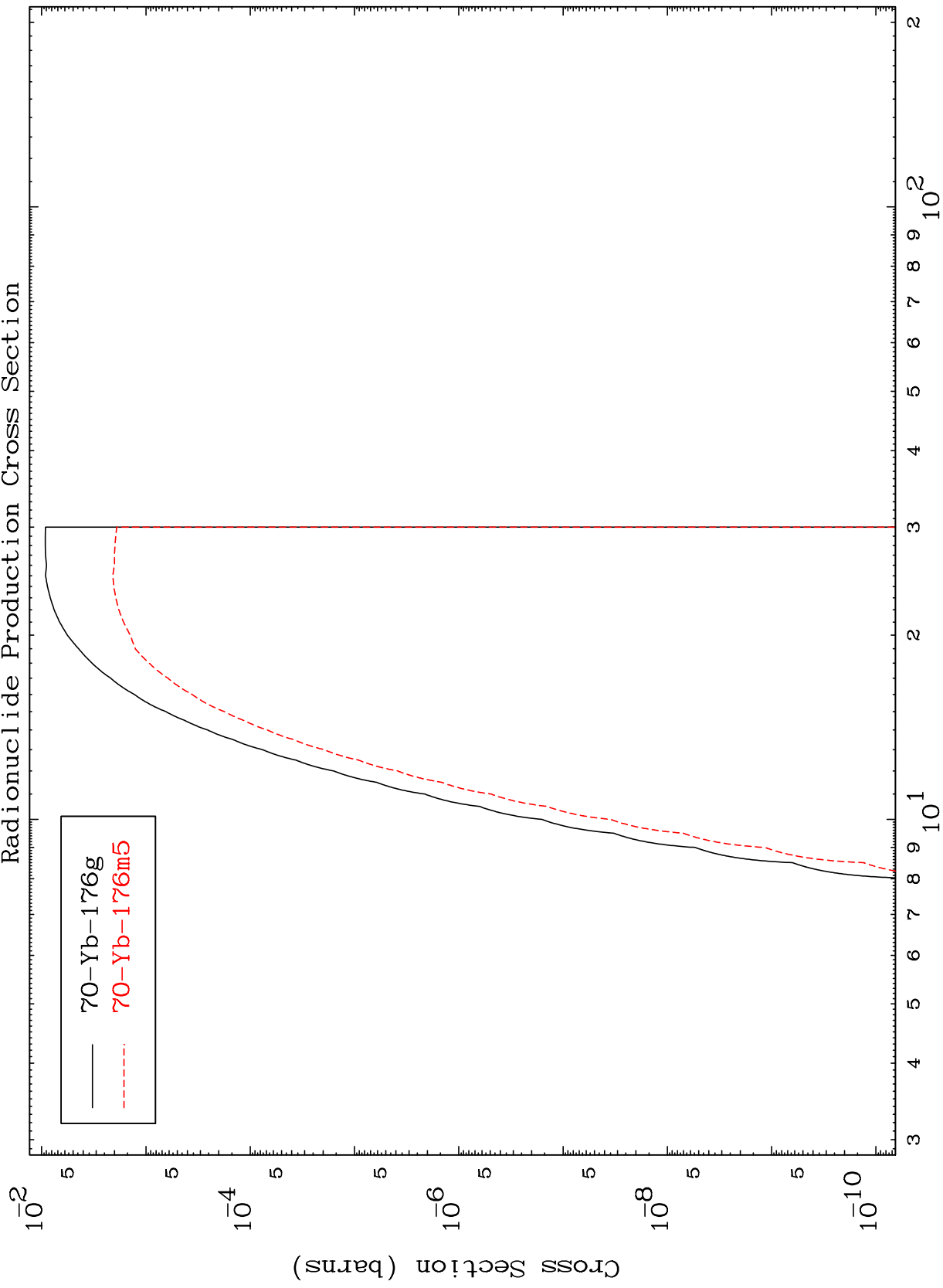


MAT 7132

(n,d)

⁷¹Lu-177

Radionuclide Production Cross Section



Incident Energy (MeV)

⁷¹Lu-177

25

MAT 7132

(n,2α)

⁷¹Lu-177

Radionuclide Production Cross Section

