

Program EVALPLOT
(Version 2018-1)

by

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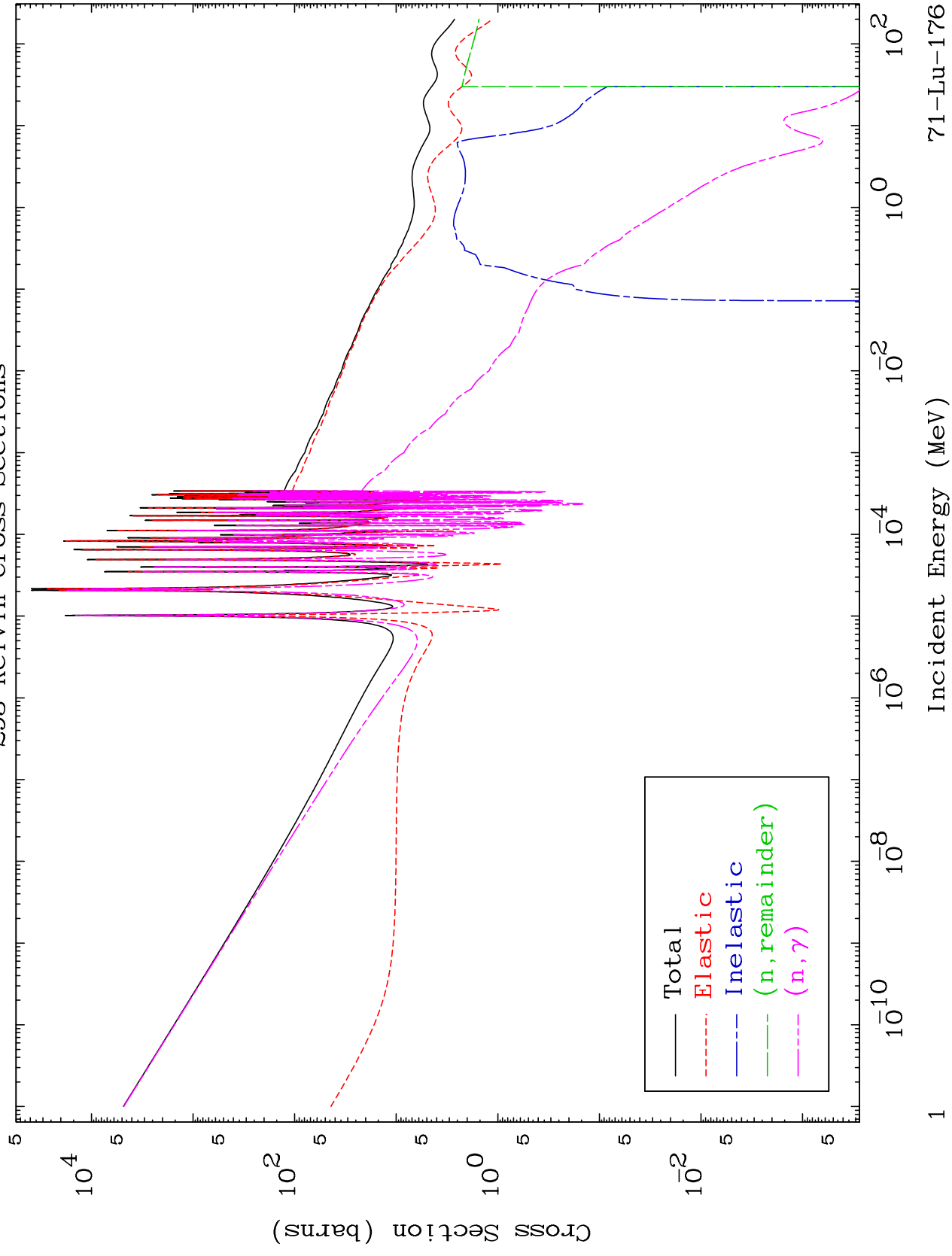
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7129

Major
293 Kelvin Cross Sections

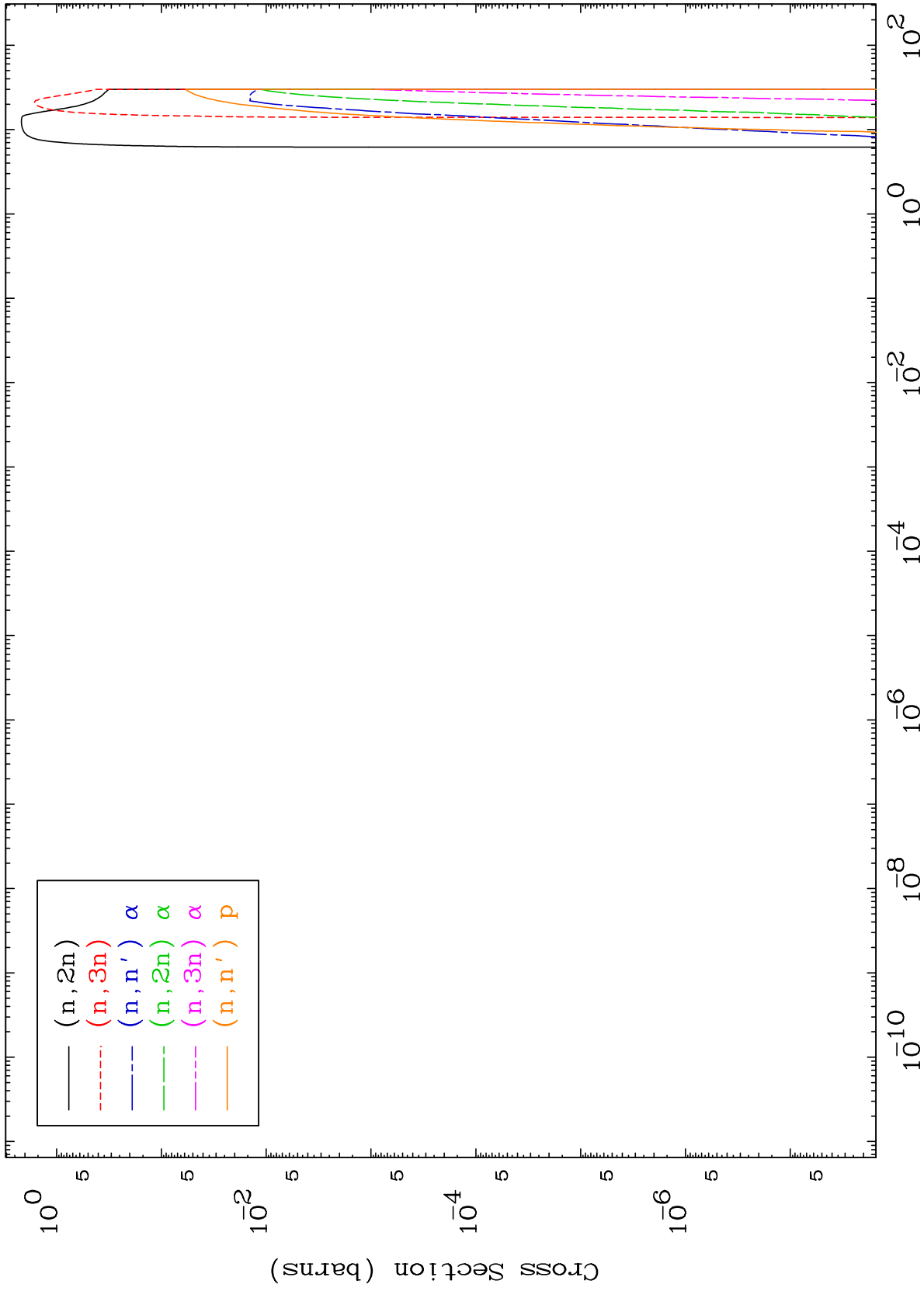
71-Lu-176



MAT 7129

Neutron Production
293 Kelvin Cross Sections

71-Lu-176



2

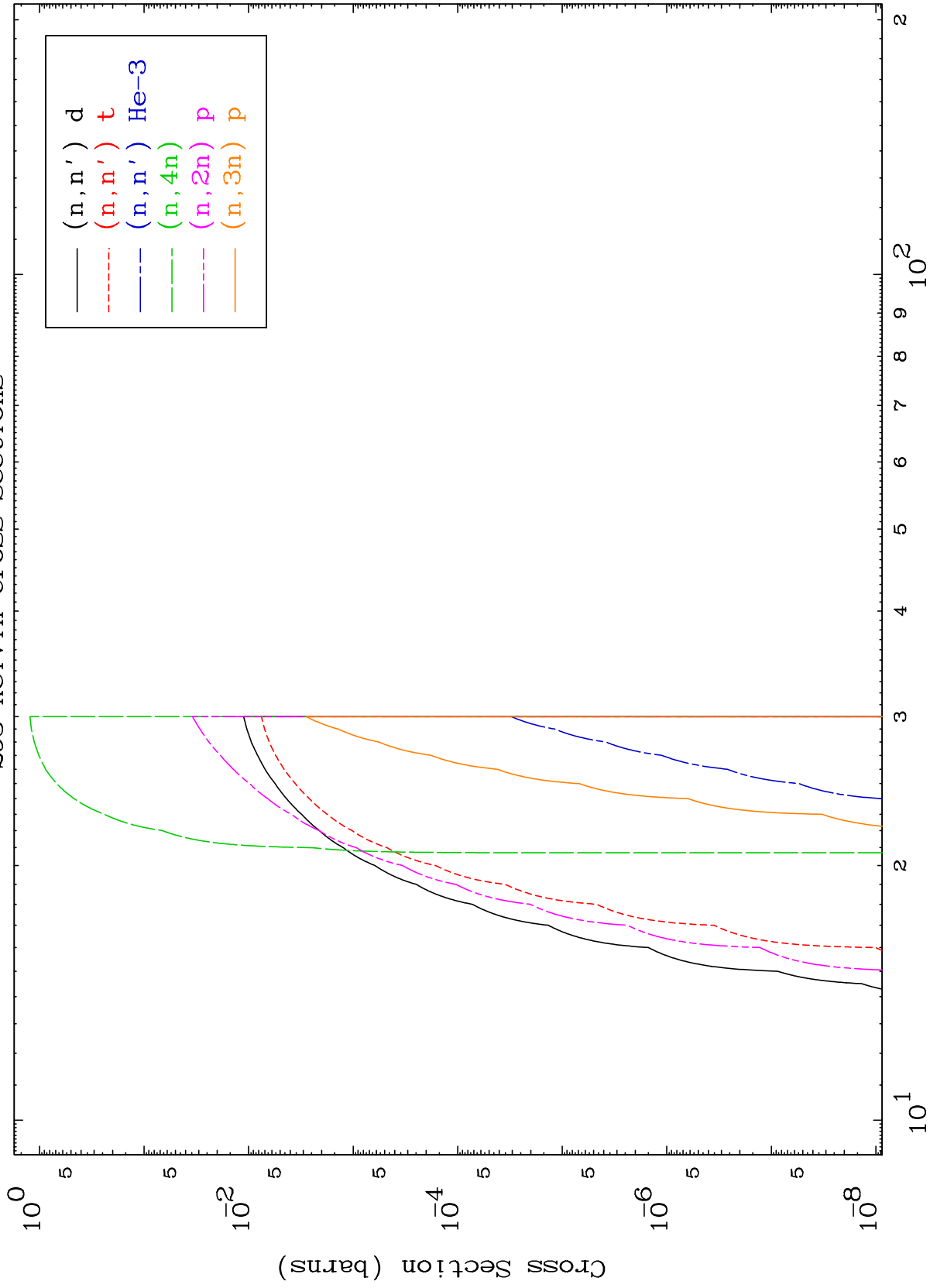
Incident Energy (MeV)

71-Lu-176

MAT 7129

Neutron Production
293 Kelvin Cross Sections

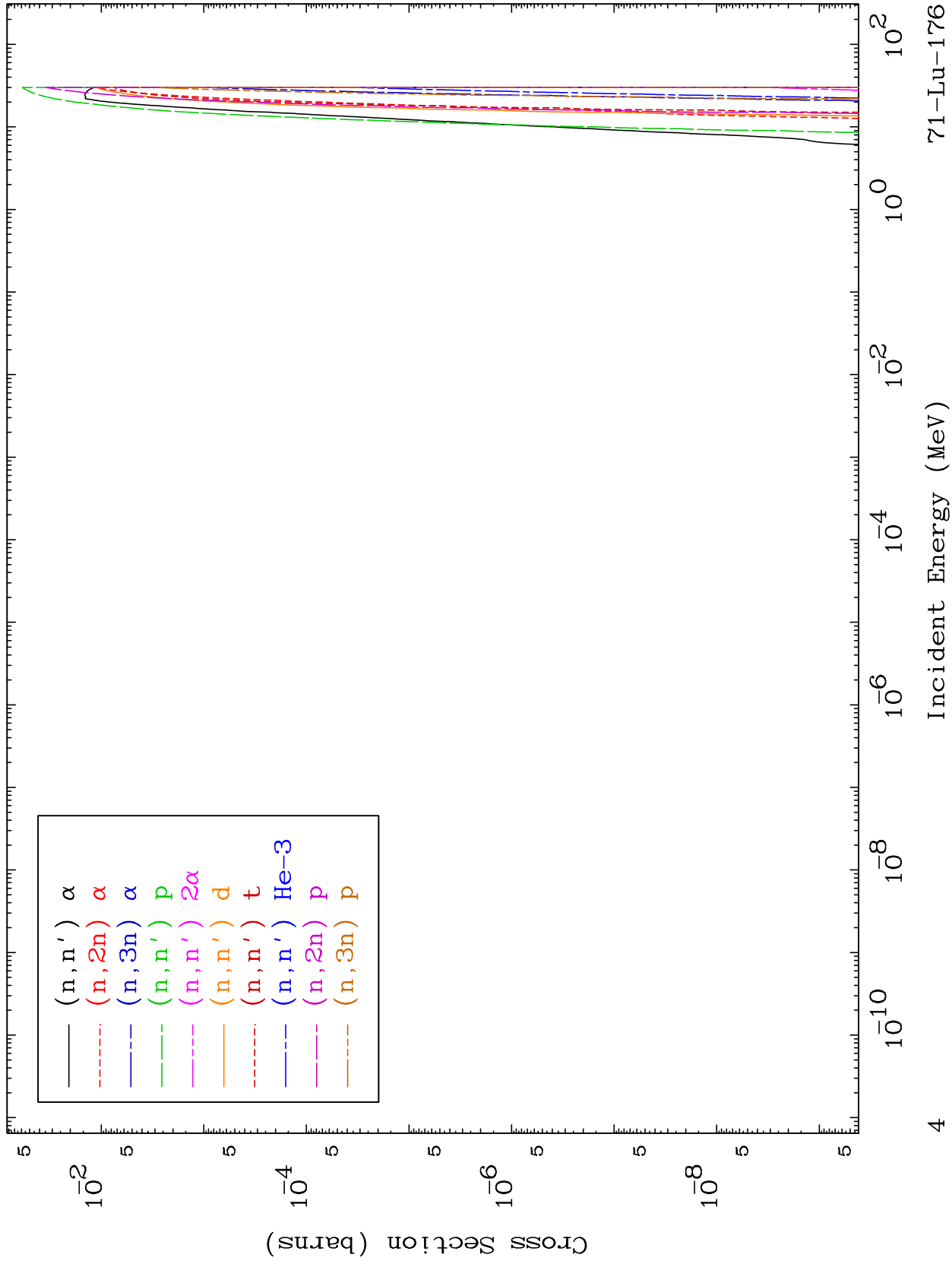
71-Lu-176

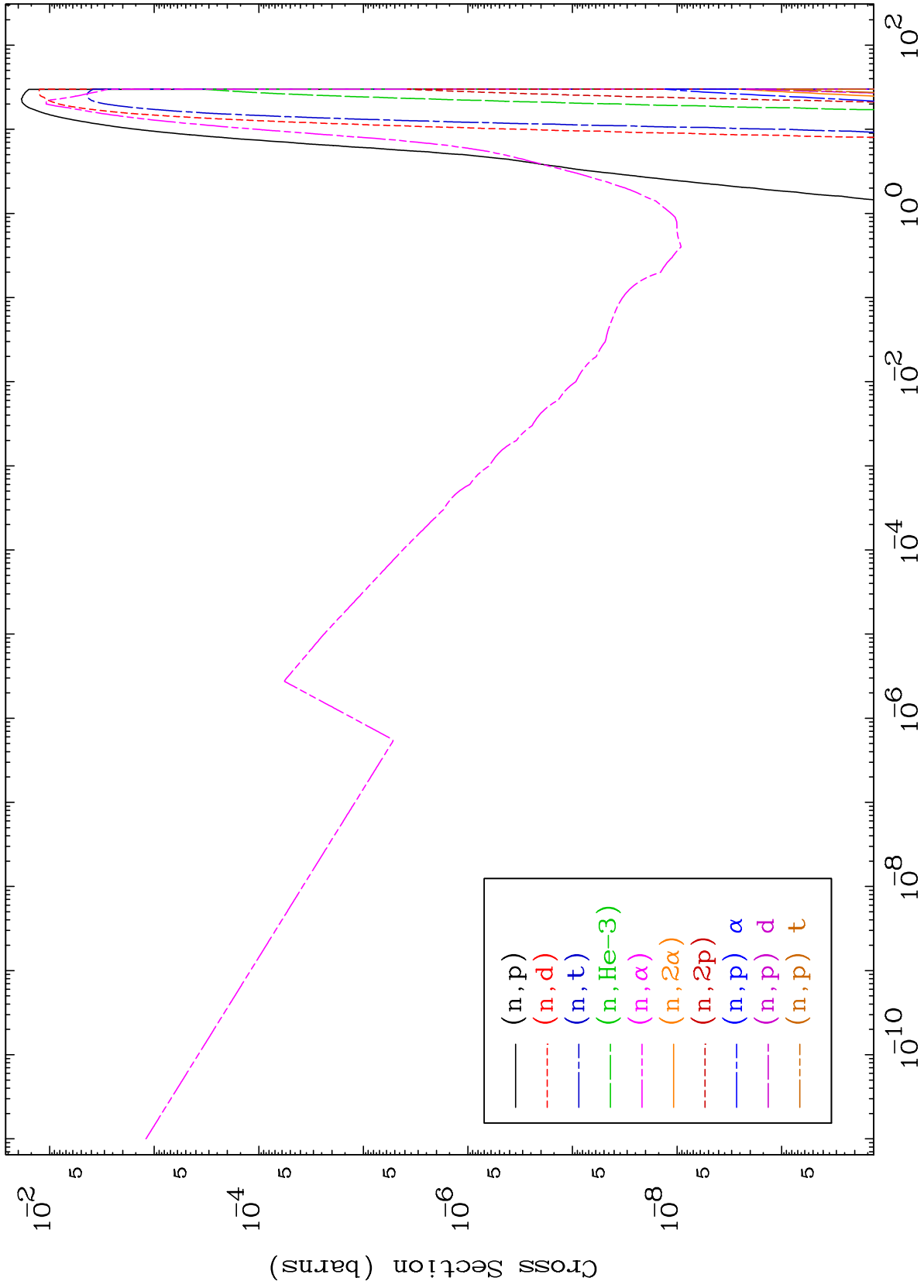


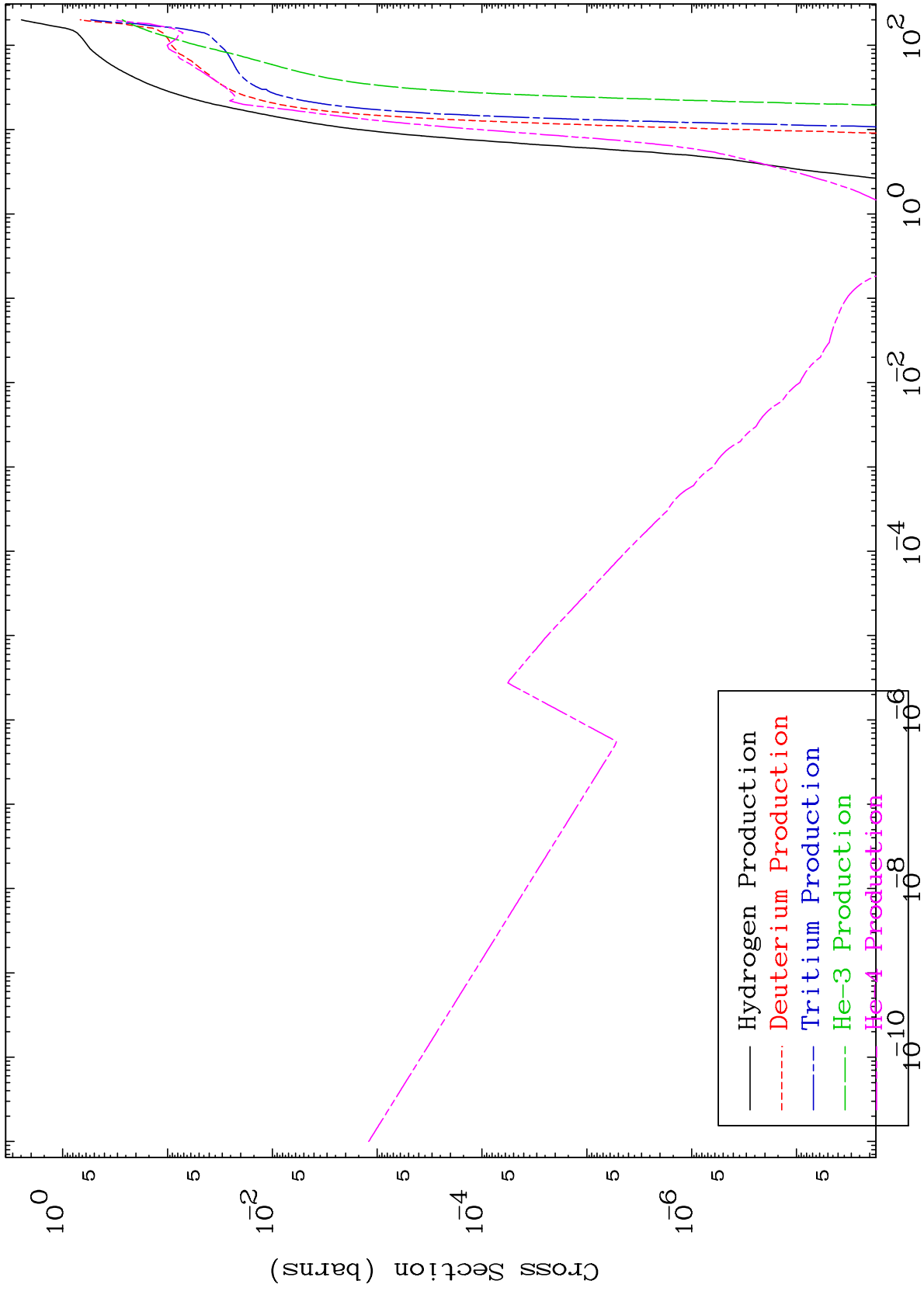
71-Lu-176

Incident Energy (MeV)

3





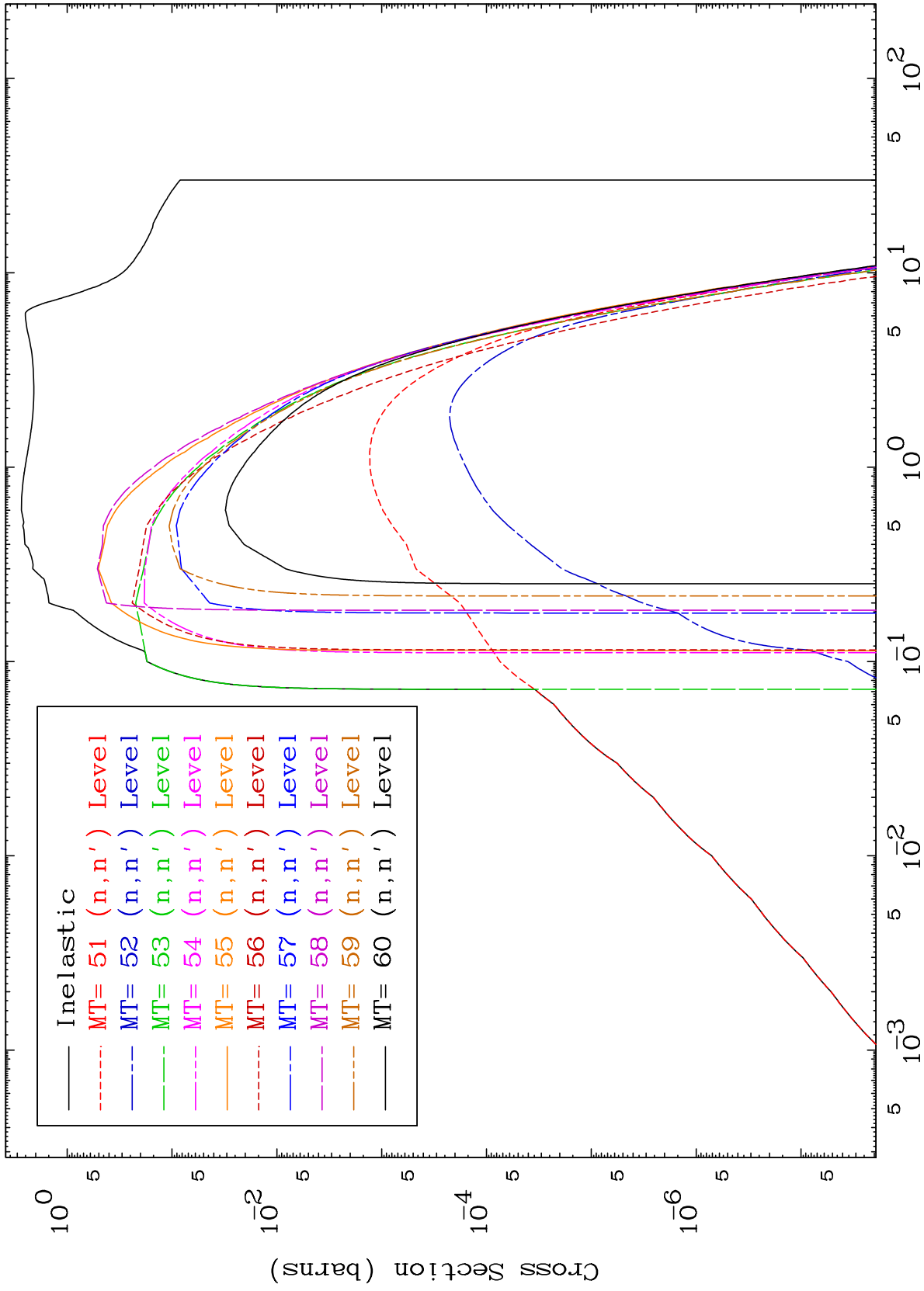


MAT 7129

293 Kelvin Cross Sections

(n,n') Level

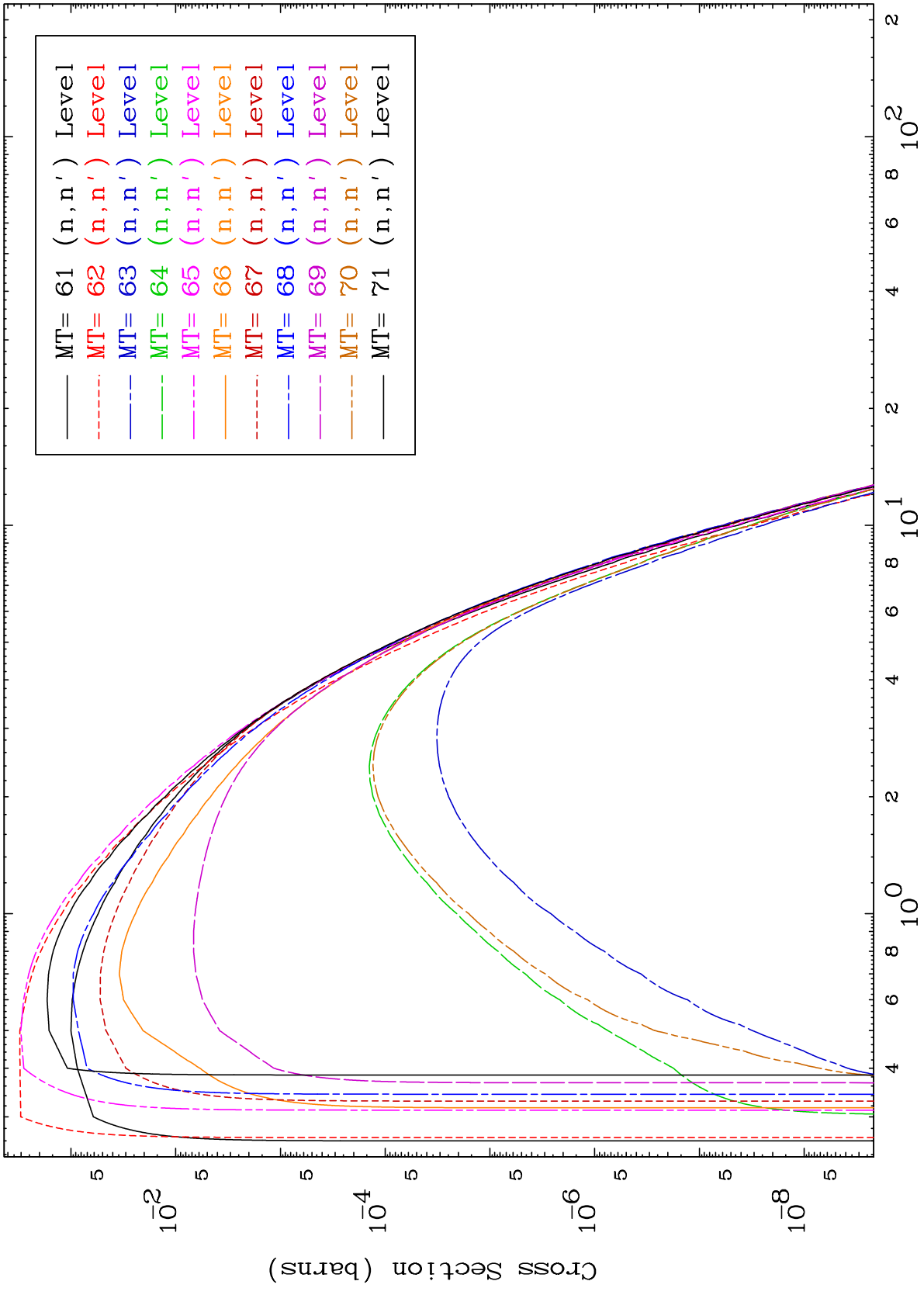
71-Lu-176



MAT 7129

(n,n') Level
293 Kelvin Cross Sections

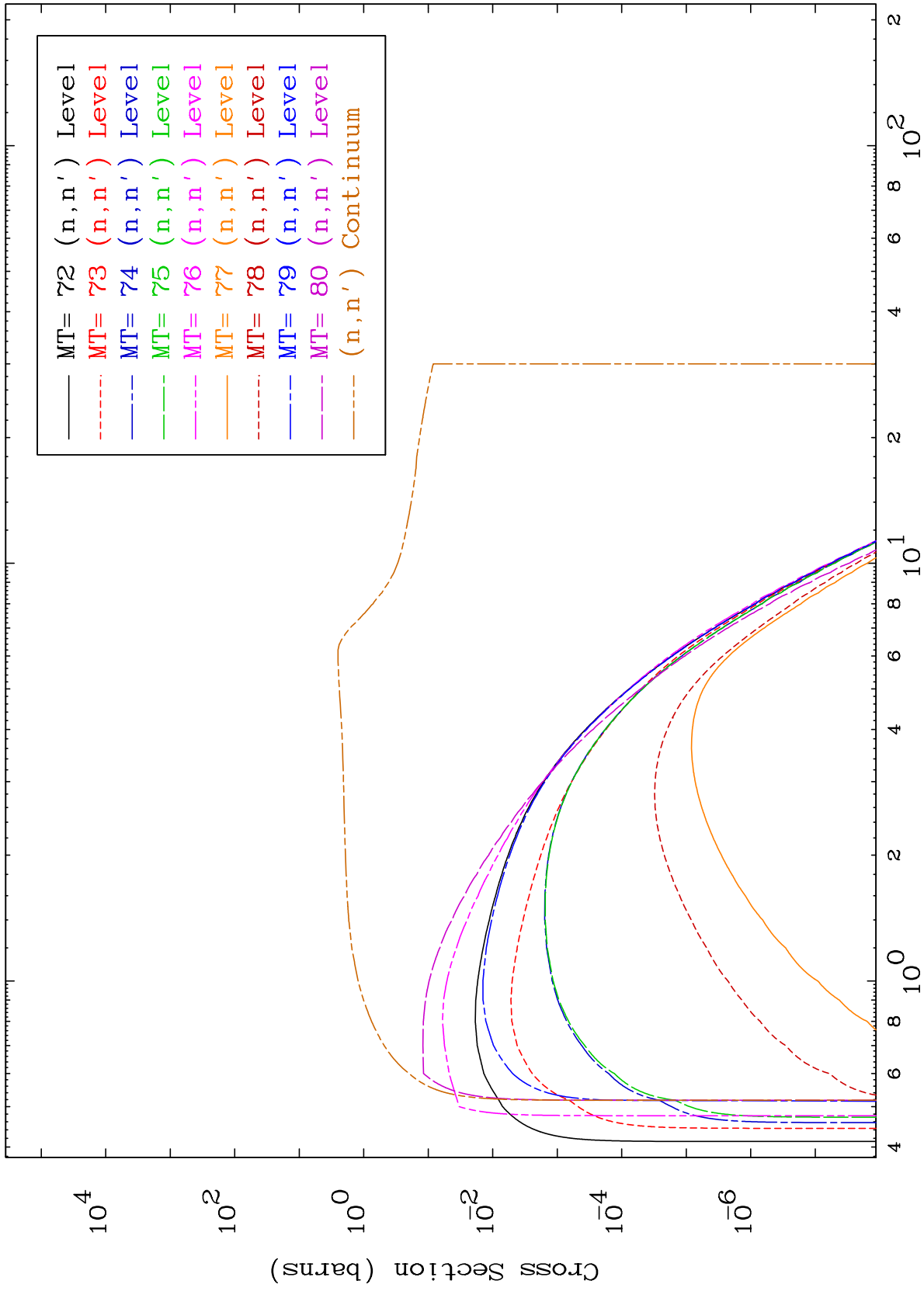
71-Lu-176



8

Incident Energy (MeV)

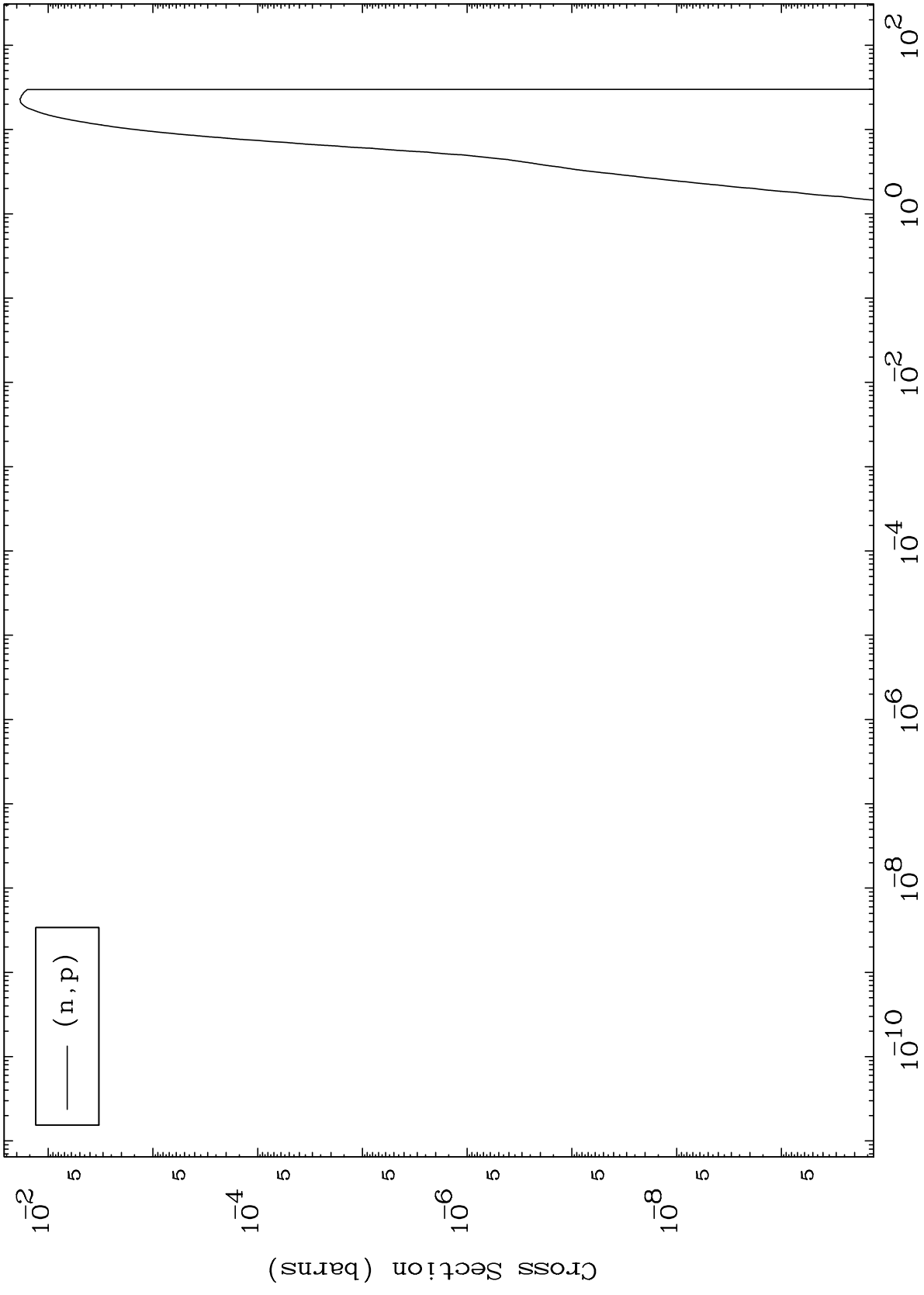
71-Lu-176



MAT 7129

(n,p) Levels
293 Kelvin Cross Sections

71-Lu-176



10

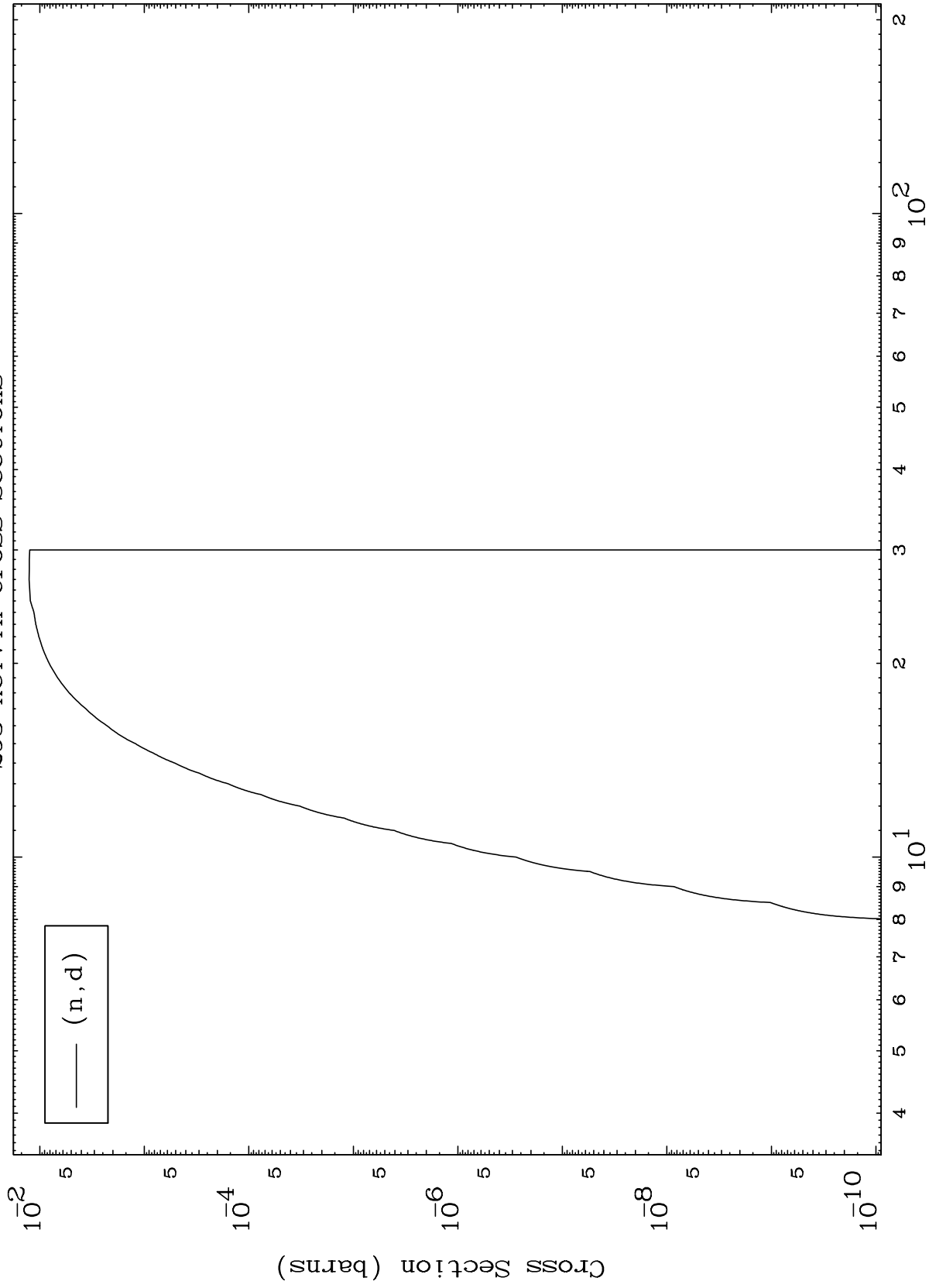
Incident Energy (MeV)

71-Lu-176

MAT 7129

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-176



11

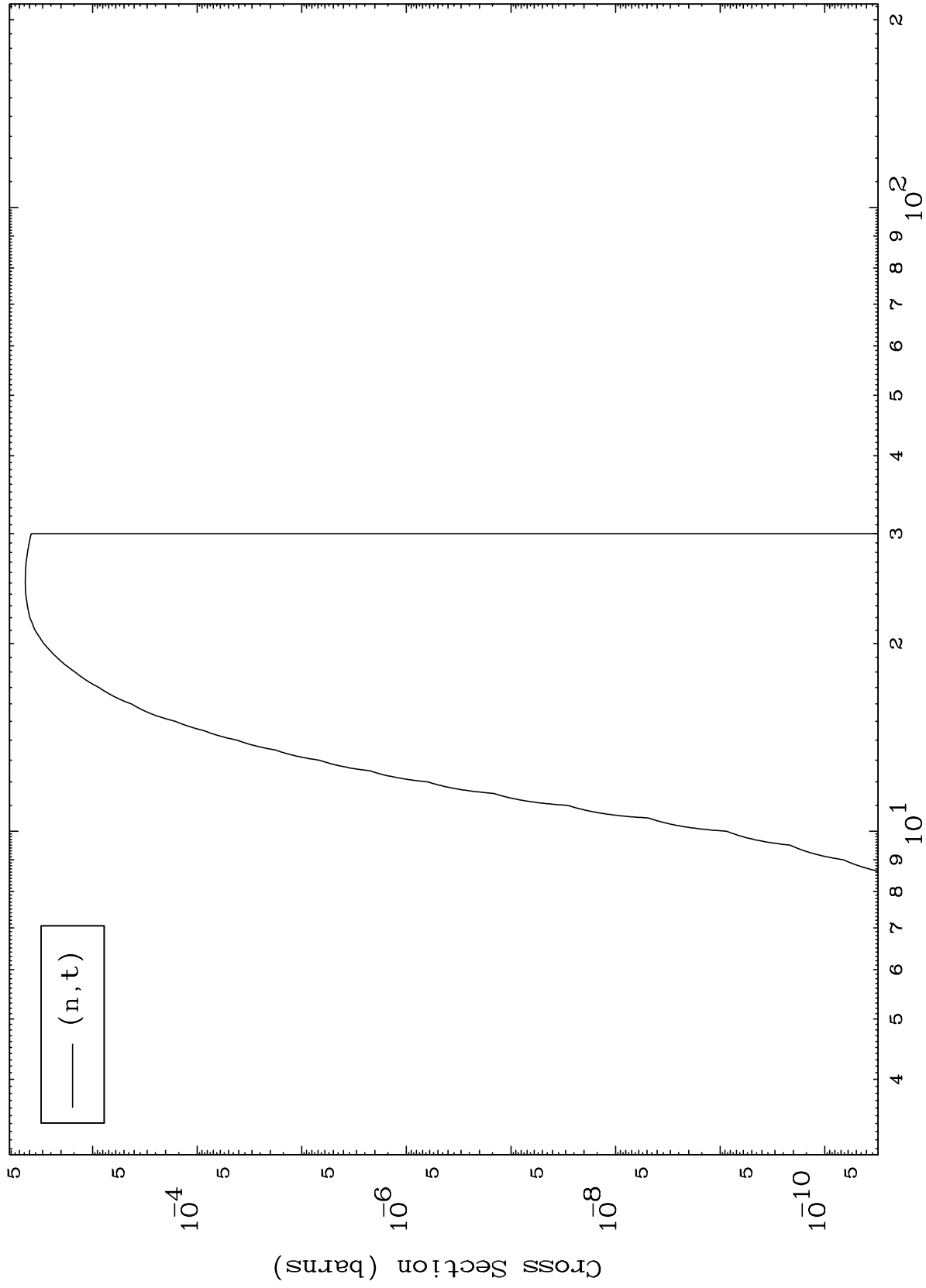
Incident Energy (MeV)

71-Lu-176

MAT 7129

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-176



12

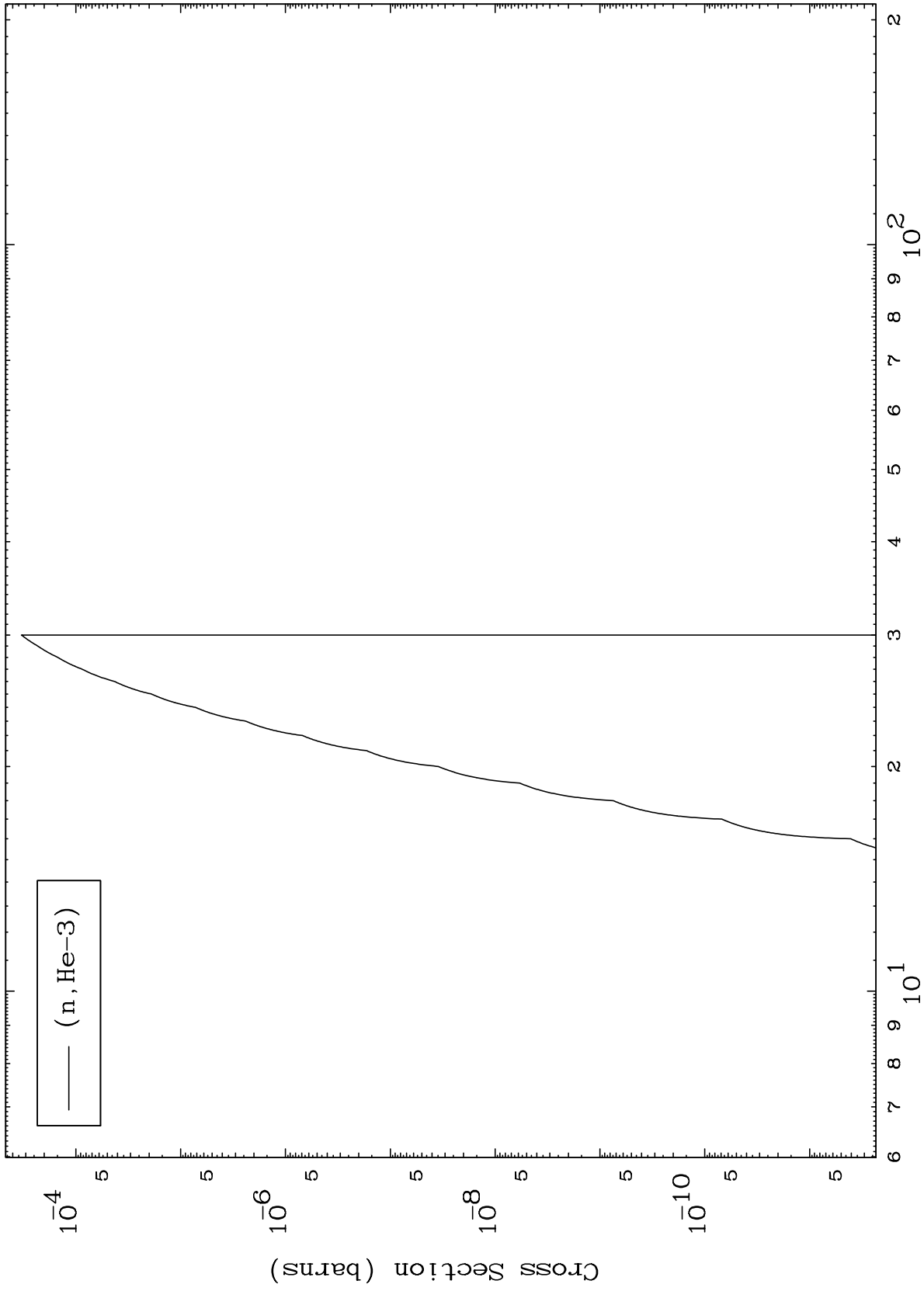
Incident Energy (MeV)

71-Lu-176

MAT 7129

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-176



13

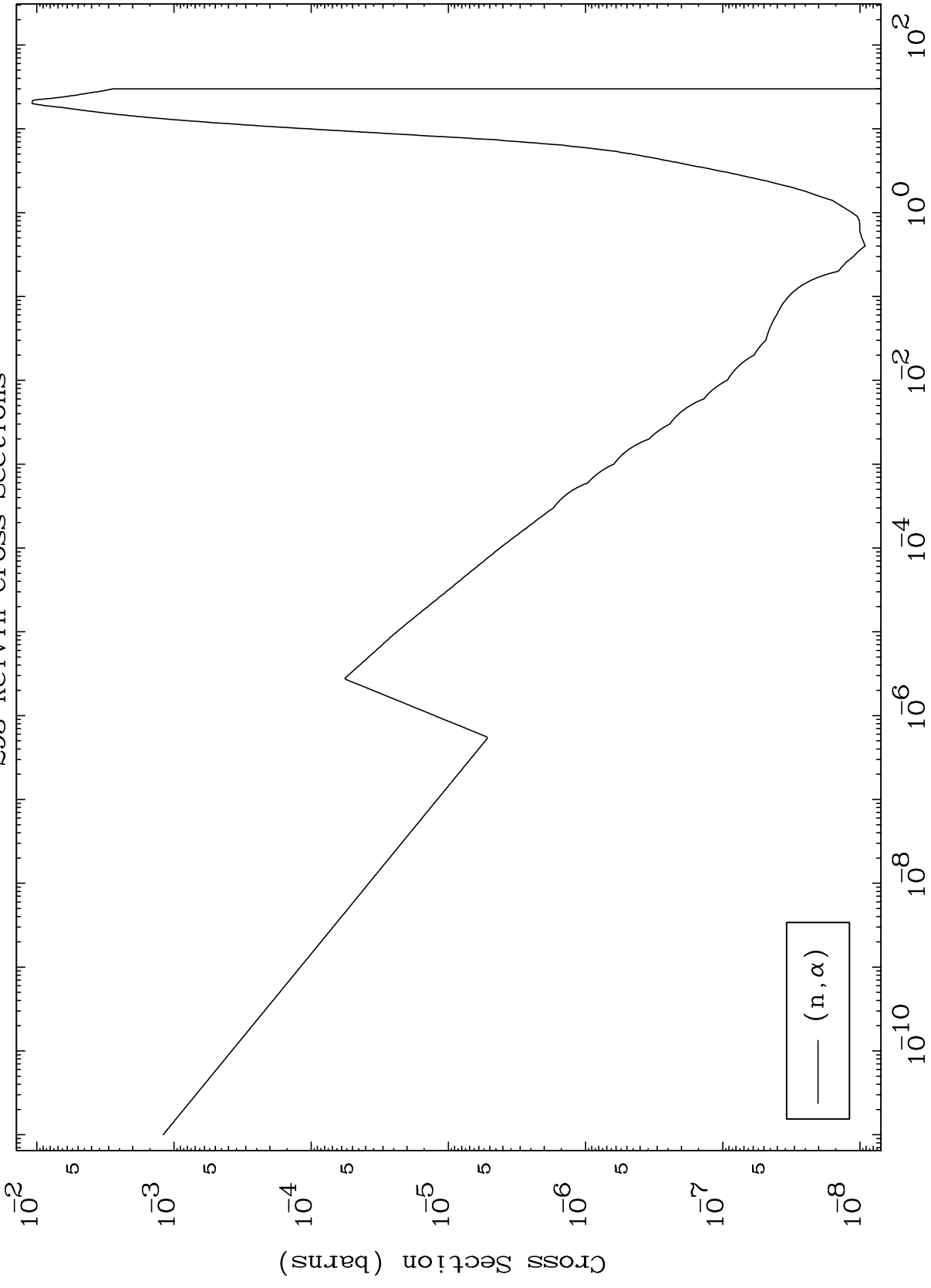
Incident Energy (MeV)

71-Lu-176

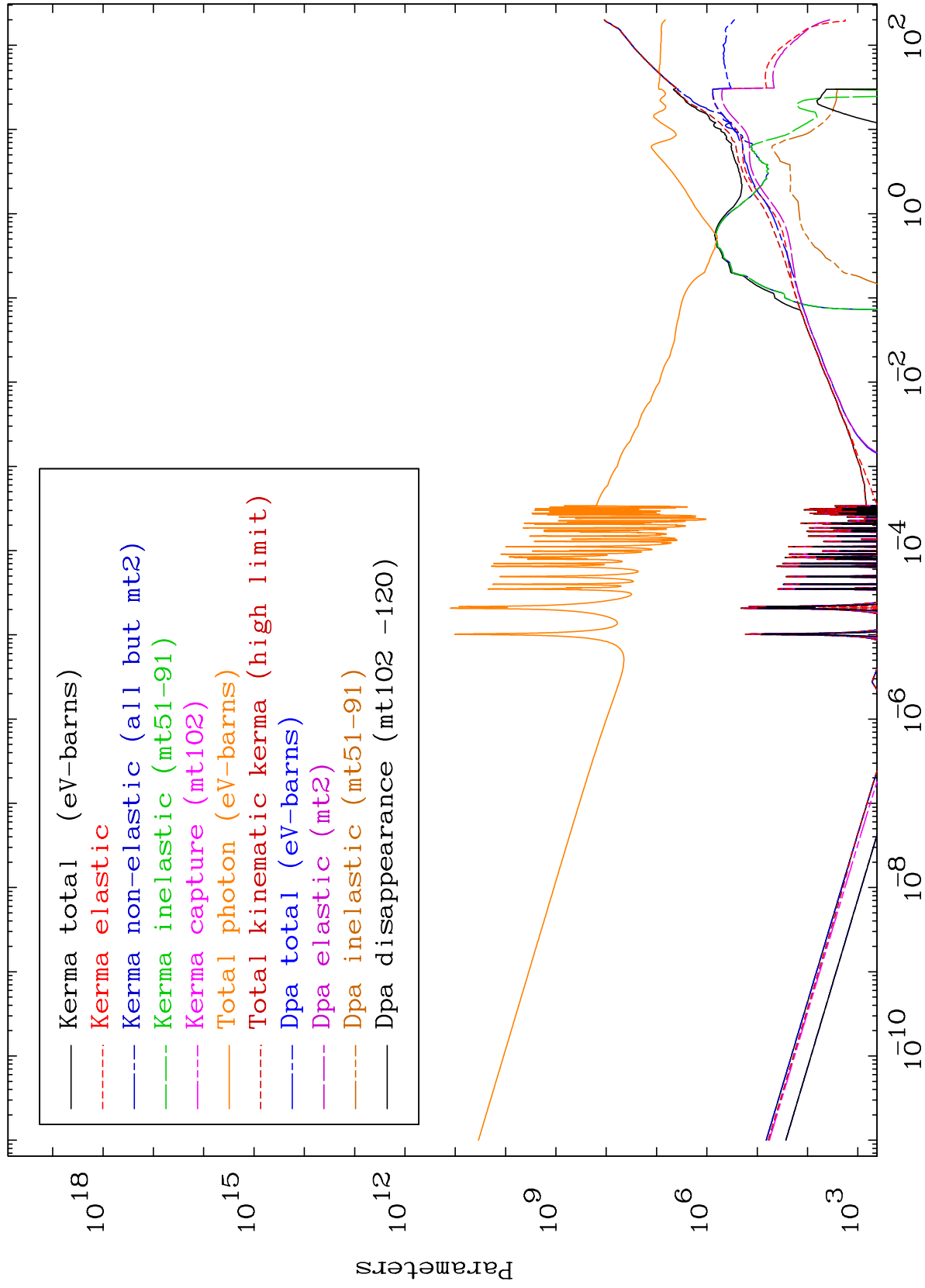
MAT 7129

(n,α) Levels
293 Kelvin Cross Sections

71-Lu-176



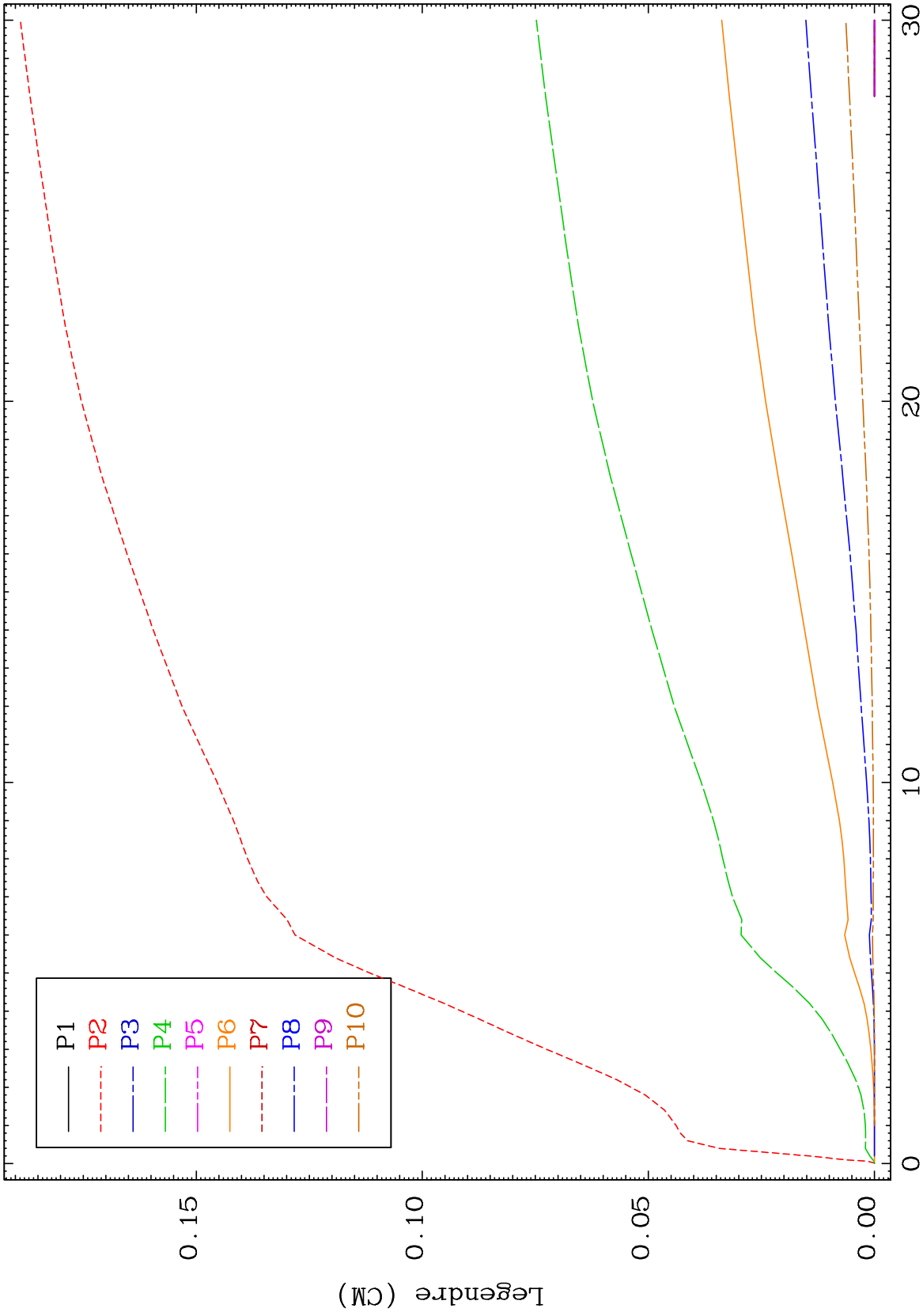
71-Lu-176



MAT 7129

Elastic Legendre Coefficients

71-Lu-176



16

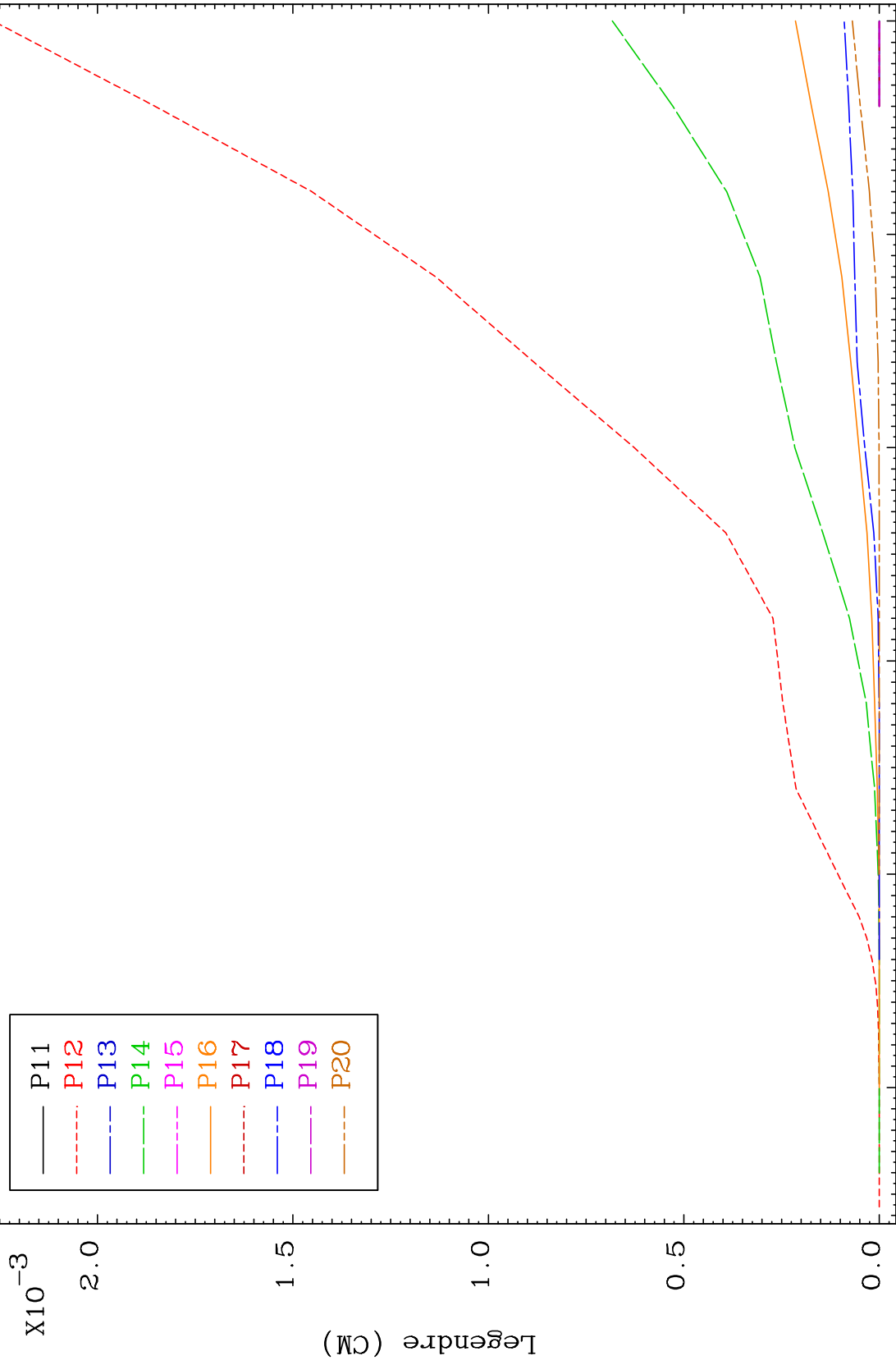
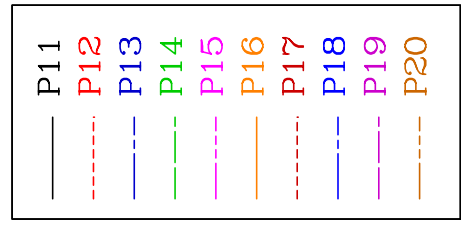
Incident Energy (MeV)

71-Lu-176

MAT 7129

Elastic
Legendre Coefficients

71-Lu-176



17

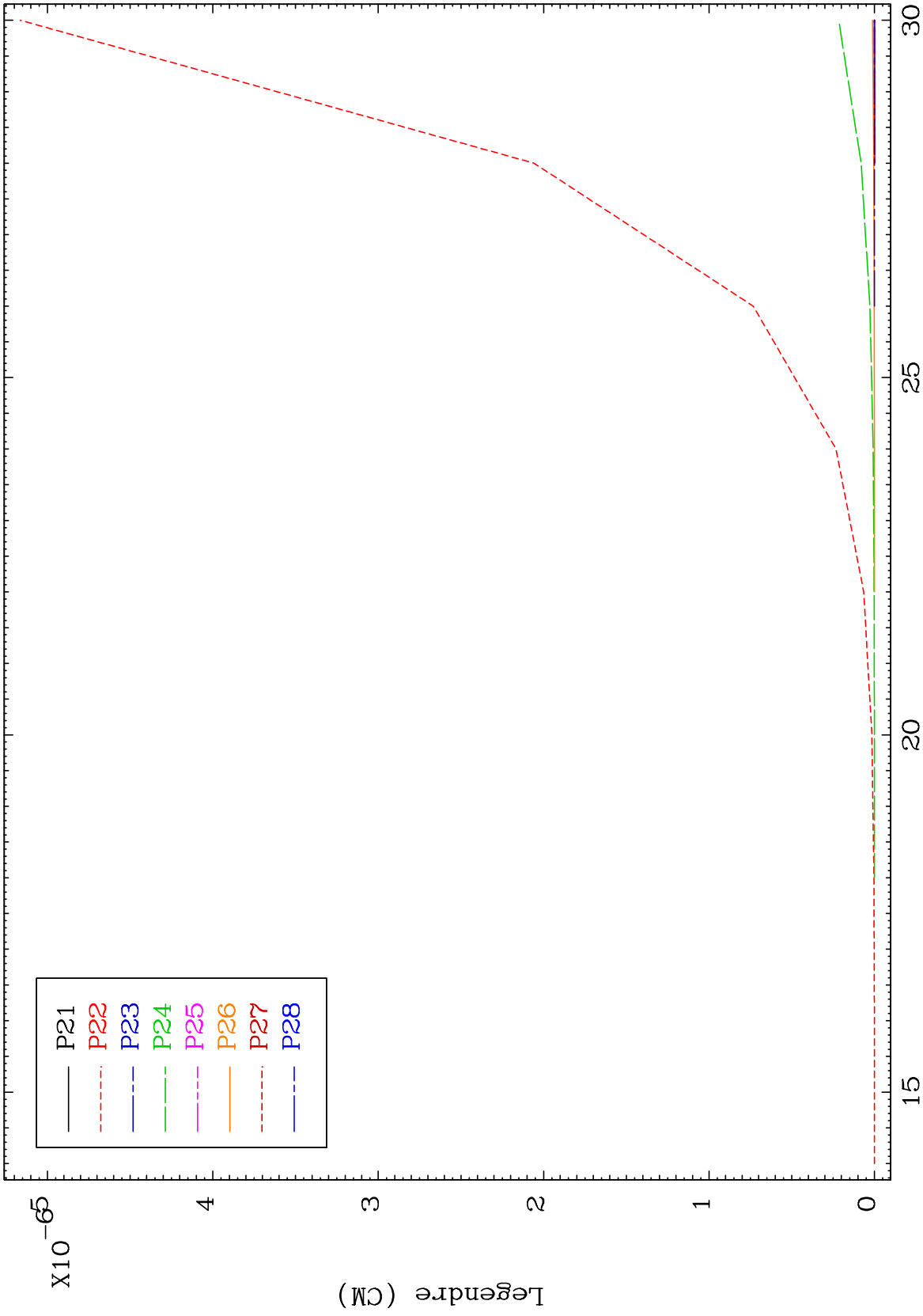
Incident Energy (MeV)

71-Lu-176

MAT 7129

Elastic Legendre Coefficients

71-Lu-176



18

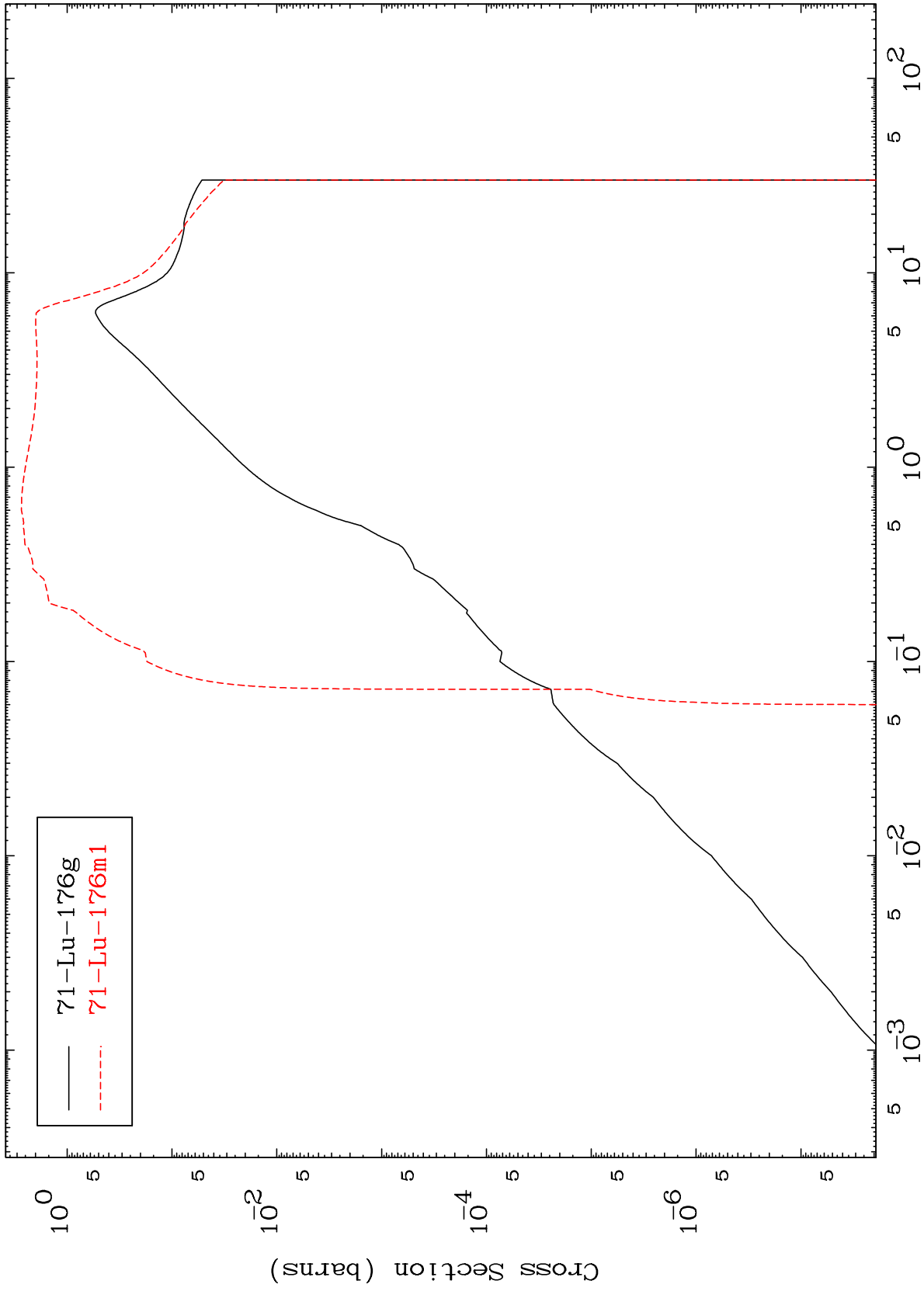
Incident Energy (MeV)

71-Lu-176

MAT 7129

71-Lu-176

Inelastic
Radionuclide Production Cross Section



19

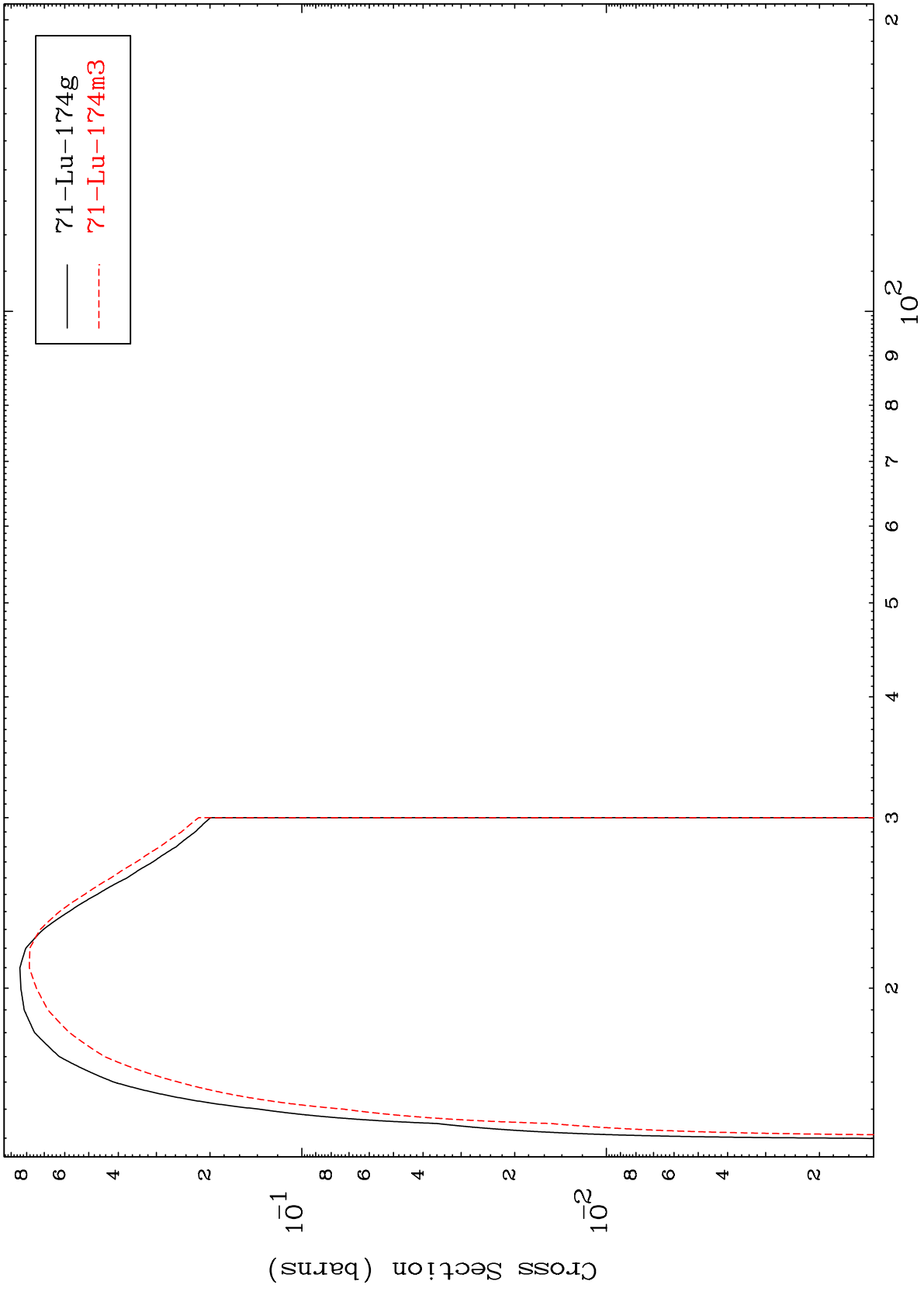
71-Lu-176

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(n,3n)

⁷¹Lu-176

Radionuclide Production Cross Section



20

Incident Energy (MeV)

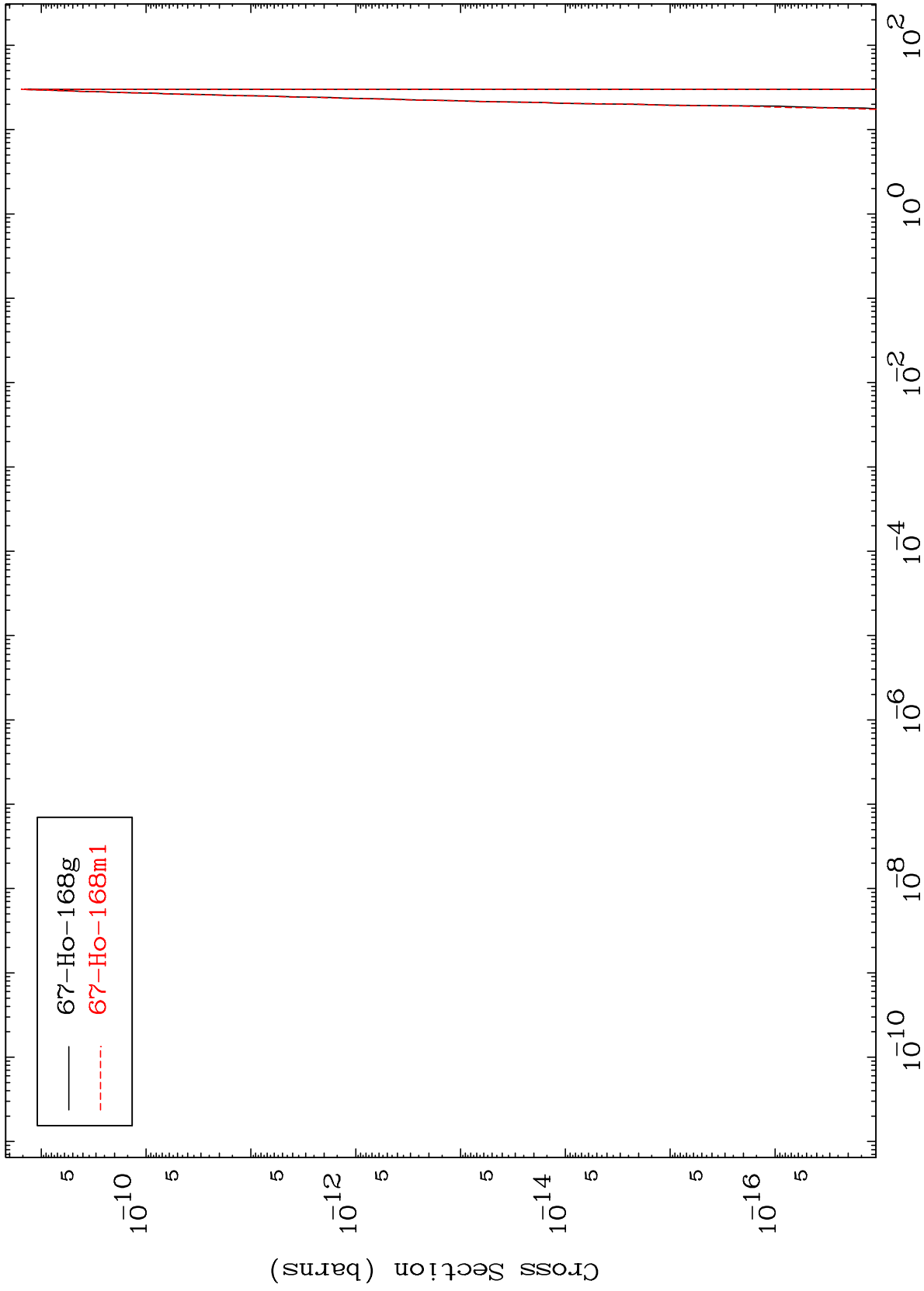
⁷¹Lu-176

MAT 7129

(n,n') 2 α

⁷¹Lu-176

Radionuclide Production Cross Section



21

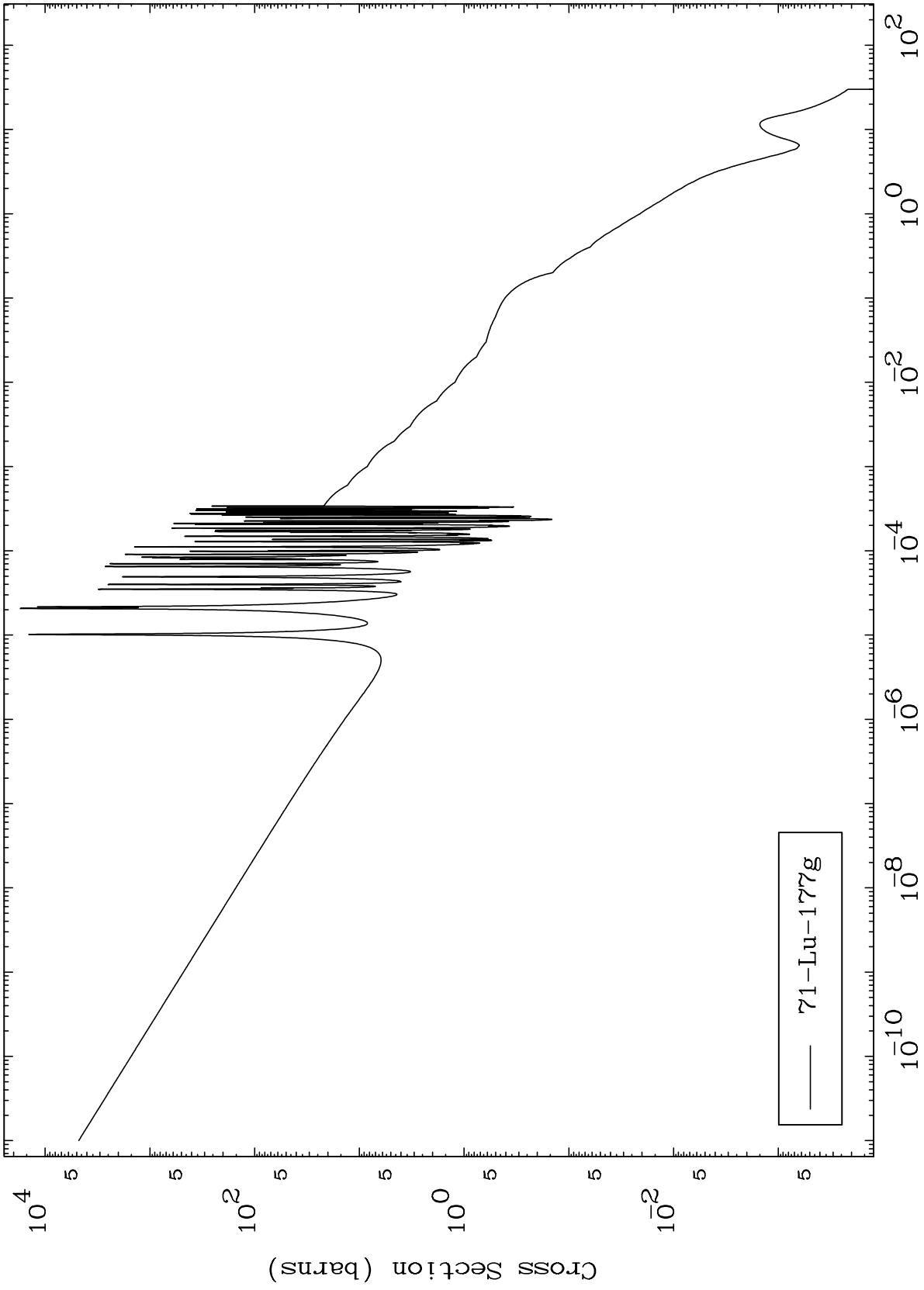
Incident Energy (MeV)

⁷¹Lu-176

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71-Lu-176

(n, γ)
Radionuclide Production Cross Section



22

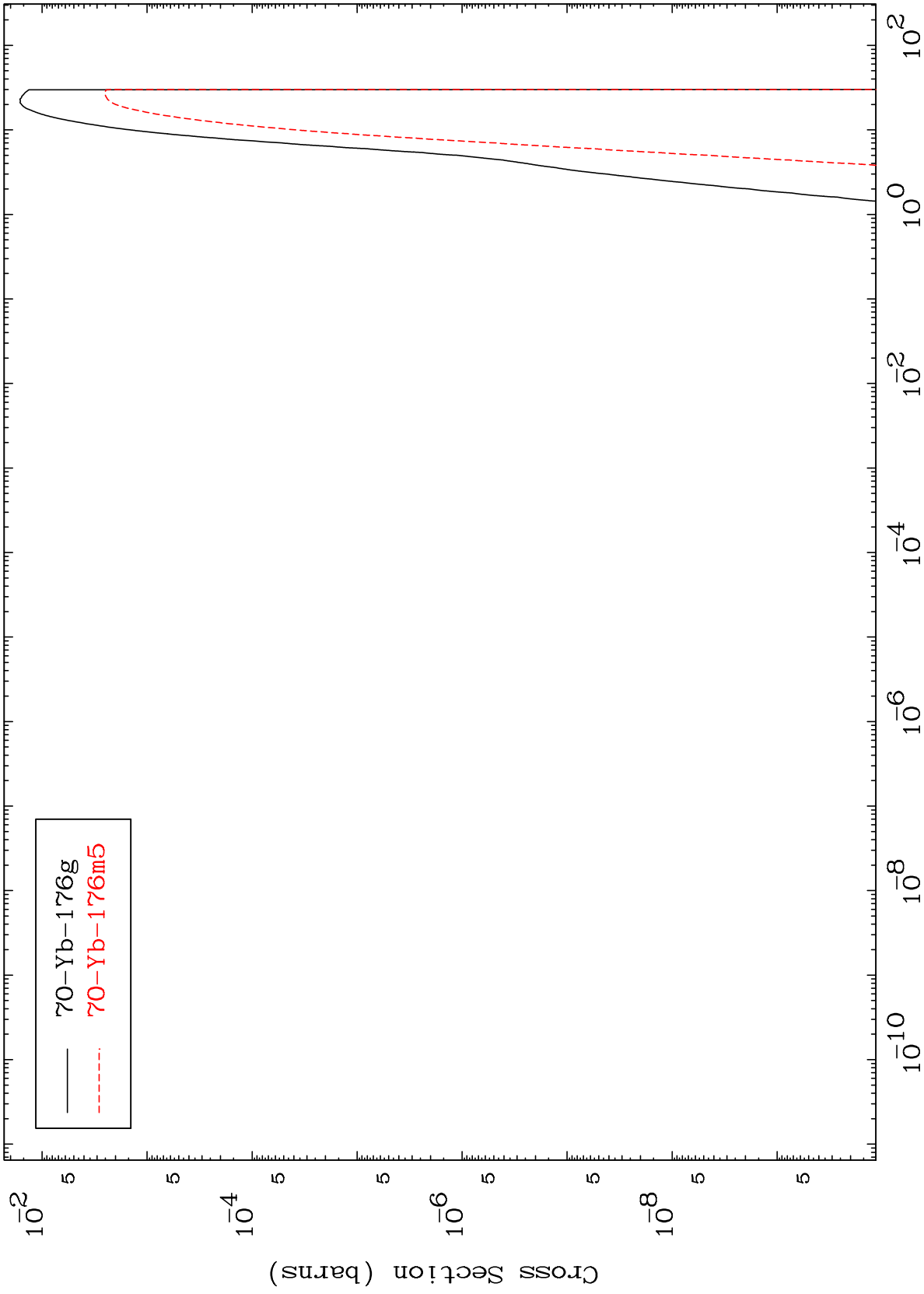
71-Lu-176

MAT 7129

(n,p)

⁷¹Lu-176

Radionuclide Production Cross Section



23

Incident Energy (MeV)

⁷¹Lu-176