

Program EVALPLOT
(Version 2018-1)

by

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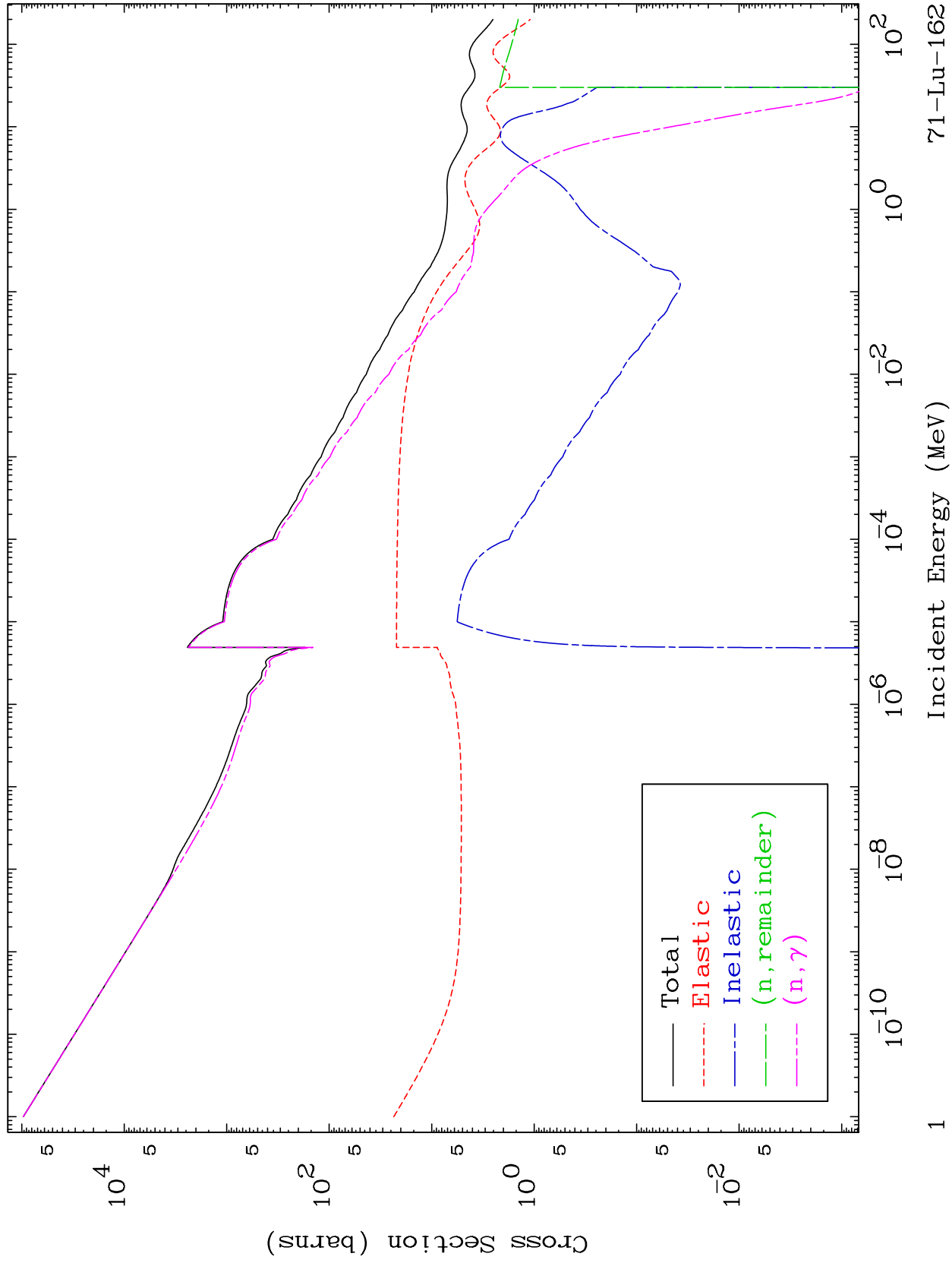
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7088

Major
293 Kelvin Cross Sections

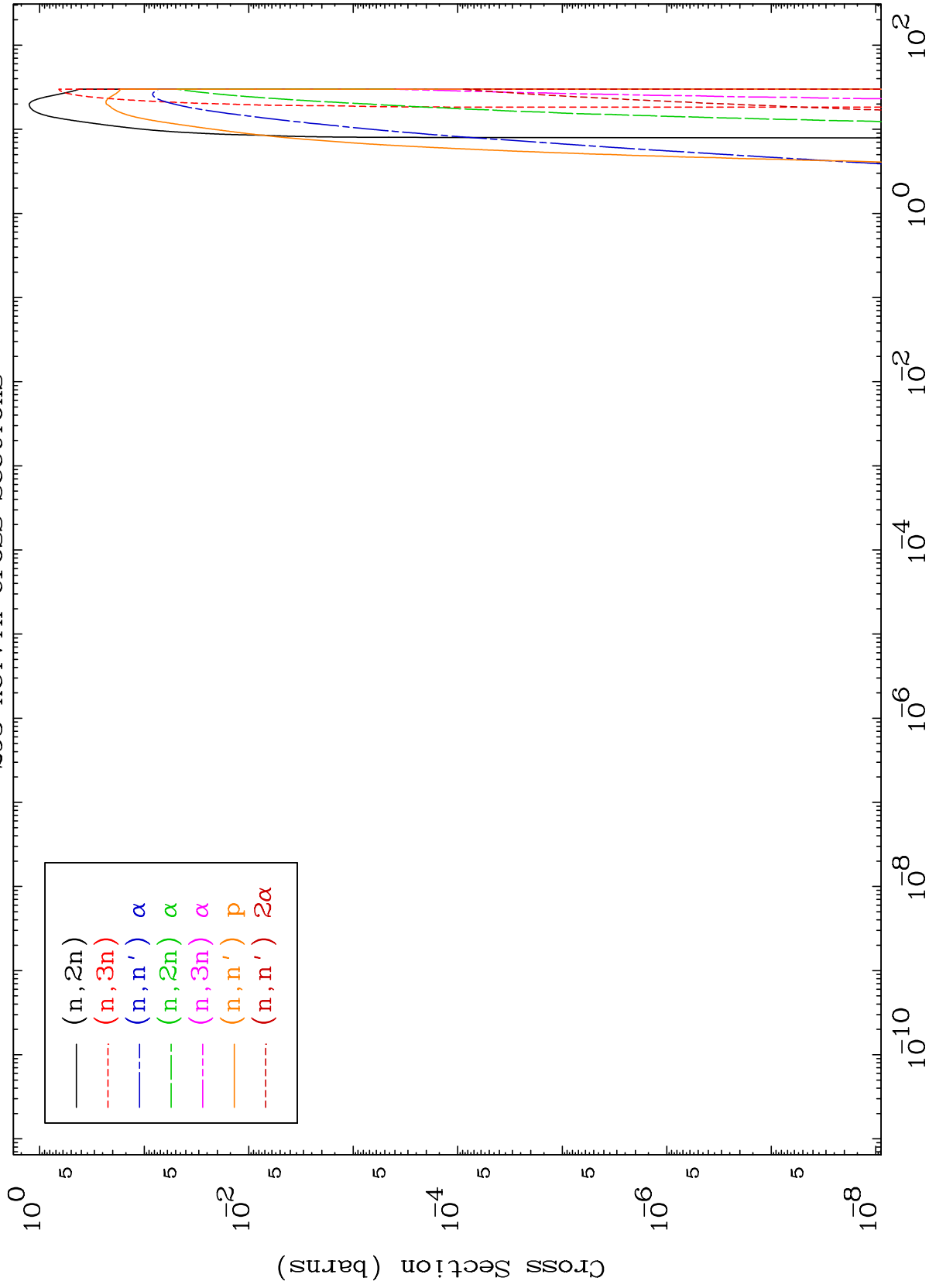
71-Lu-162



MAT 7088

Neutron Production
293 Kelvin Cross Sections

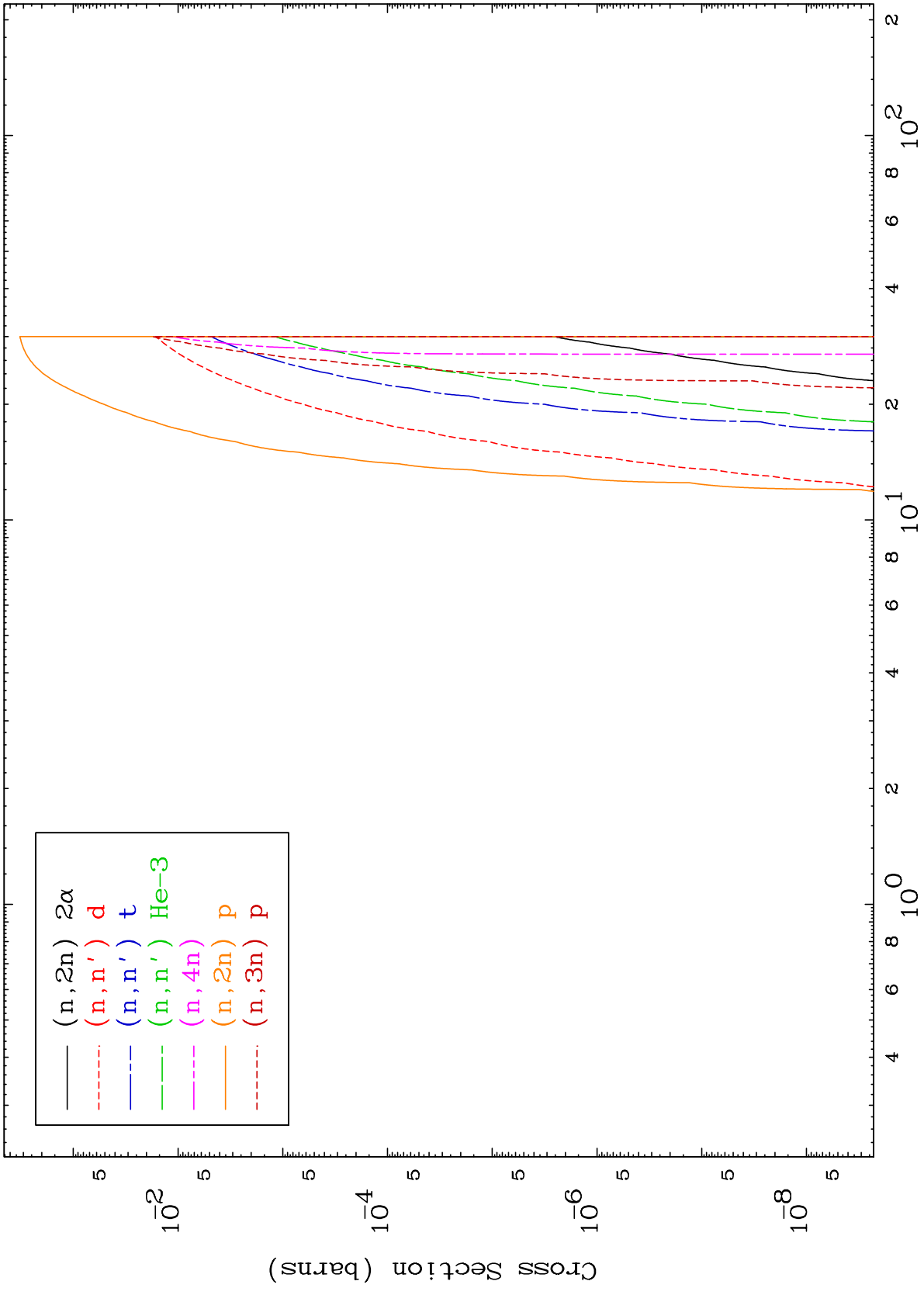
71-Lu-162



2

Incident Energy (MeV)

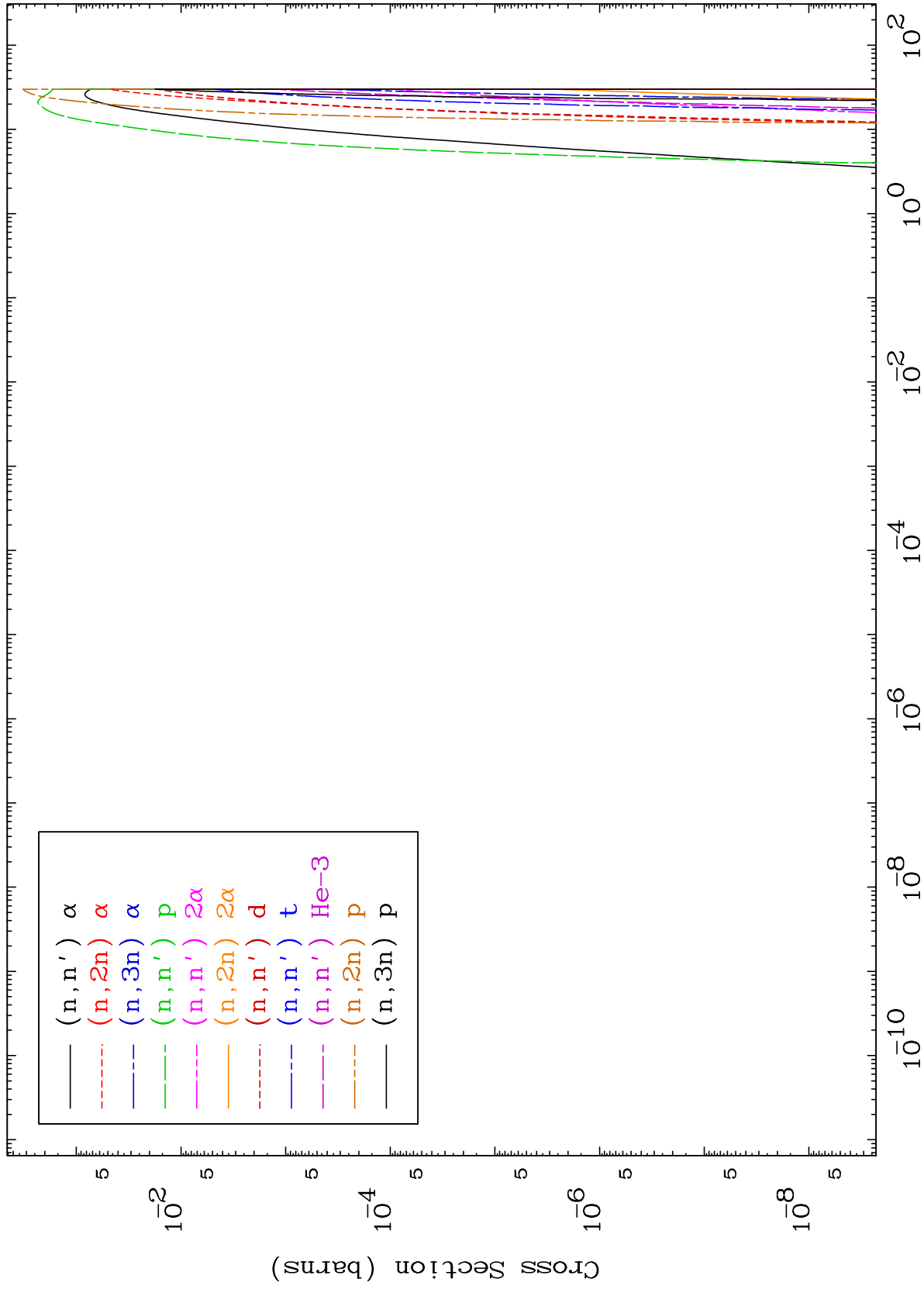
71-Lu-162



MAT 7088

Charged Particle
293 Kelvin Cross Sections

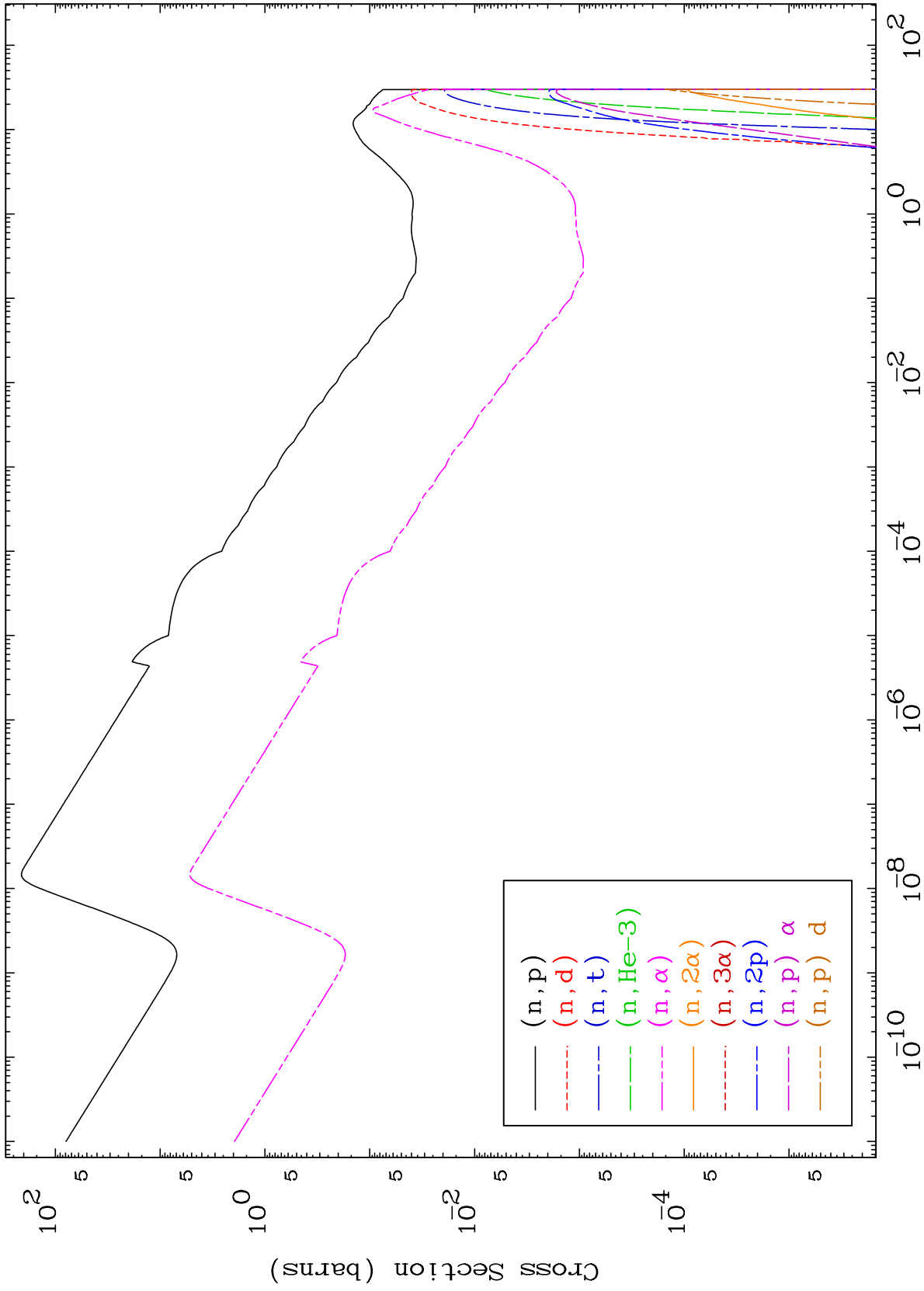
71-Lu-162



MAT 7088

293 Kelvin Cross Sections

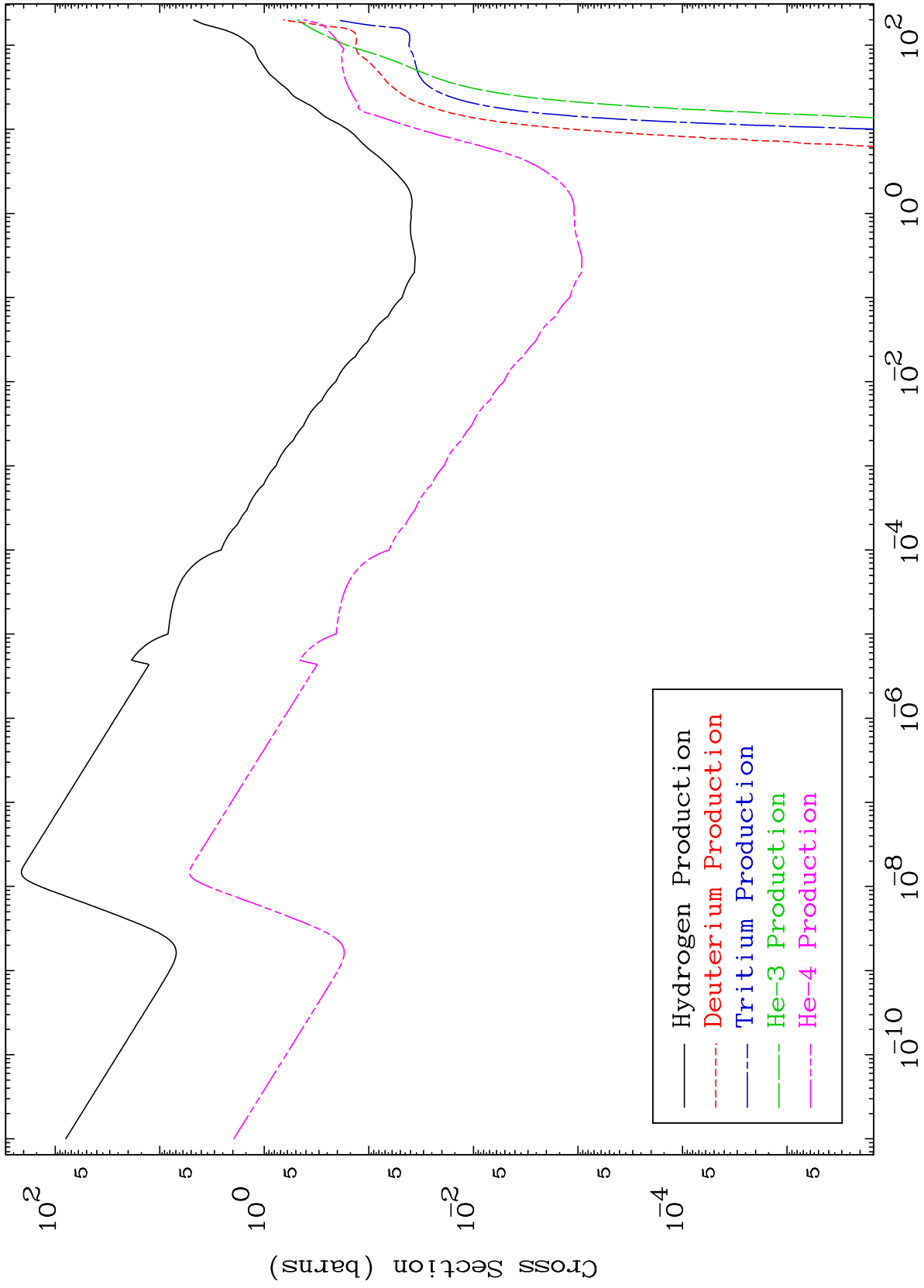
71-Lu-162



5

Incident Energy (MeV)

71-Lu-162

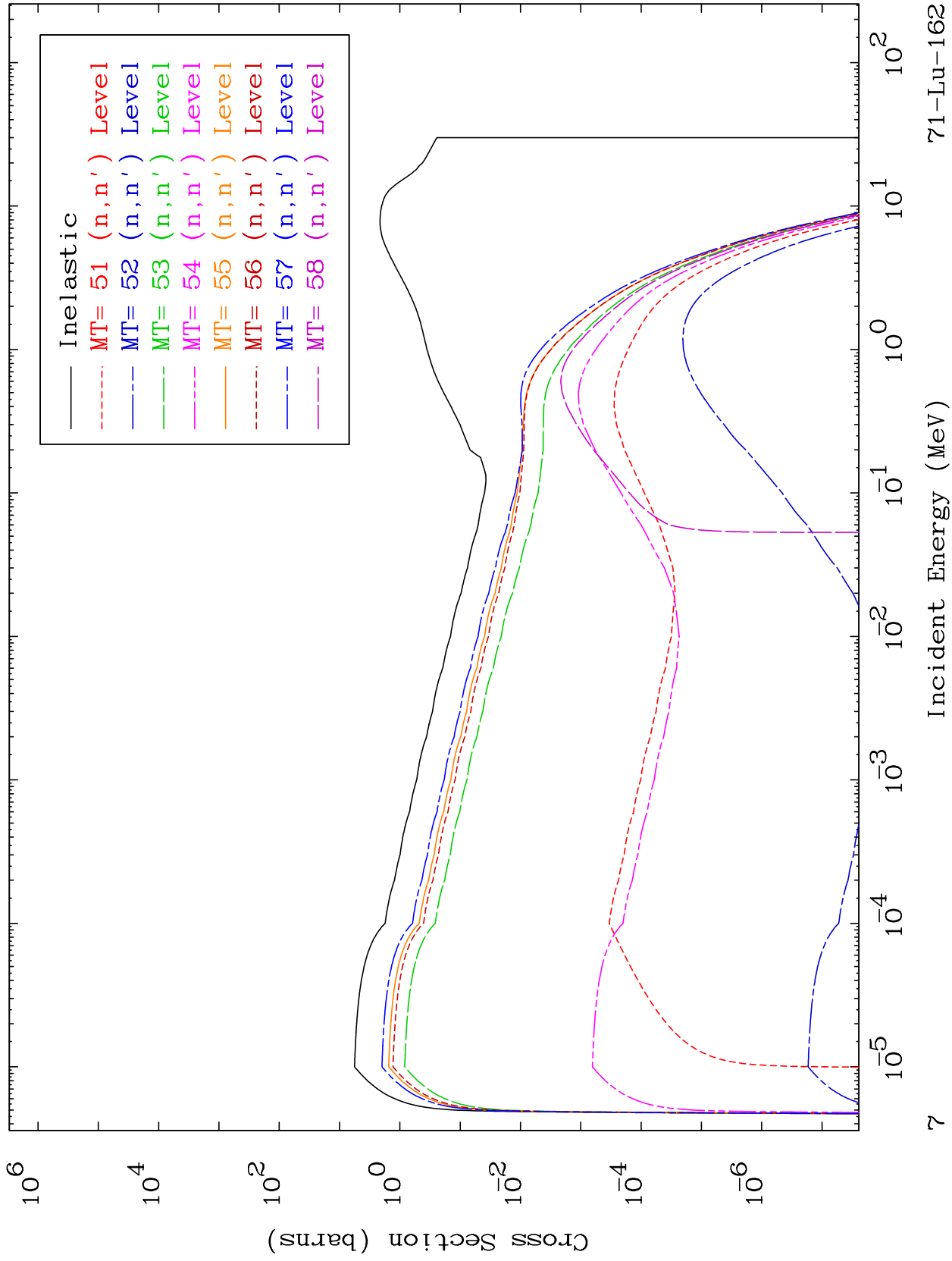


MAT 7088

(n,n') Level

71-Lu-162

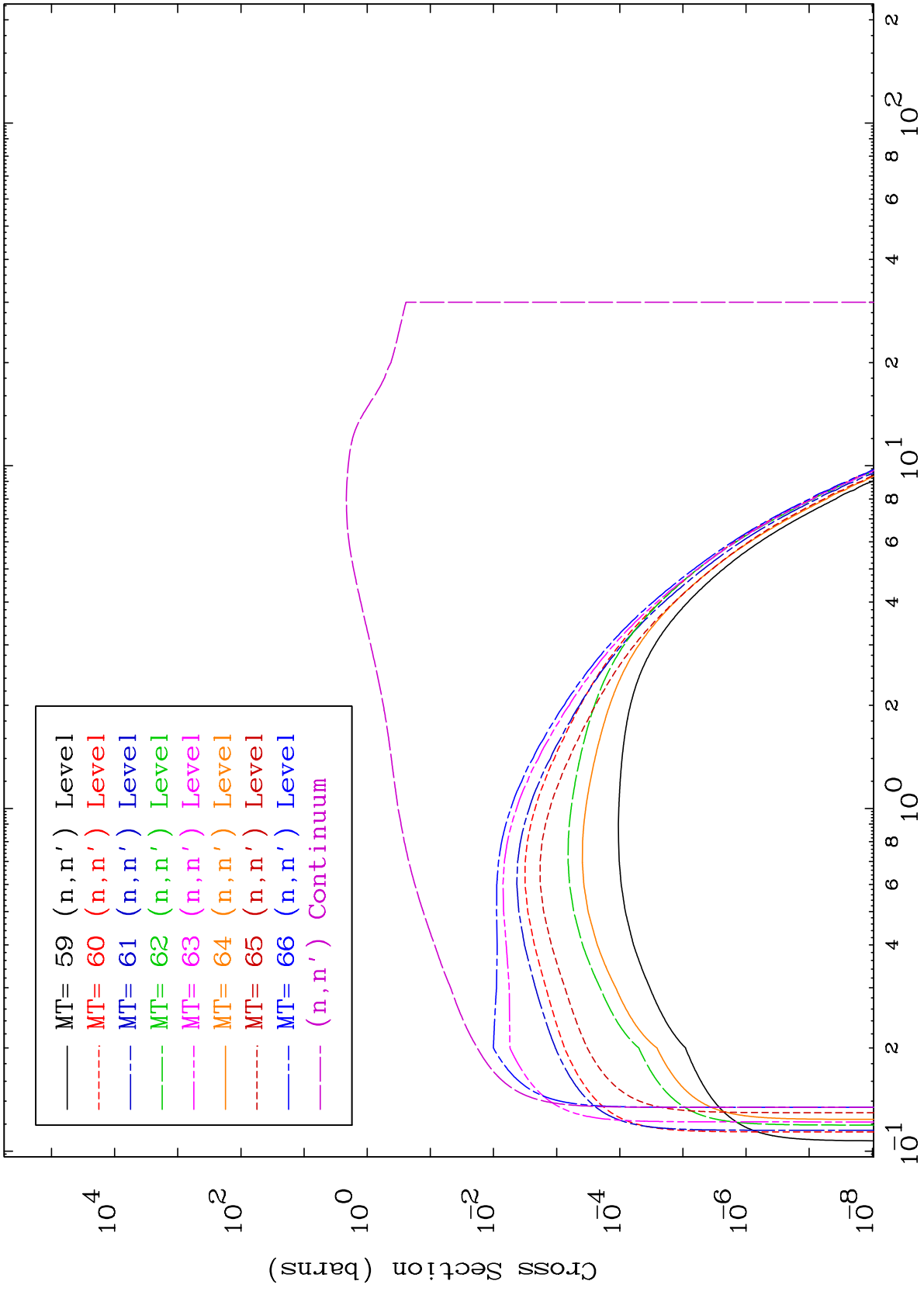
293 Kelvin Cross Sections



MAT 7088

(n,n') Level
293 Kelvin Cross Sections

71-Lu-162



71-Lu-162

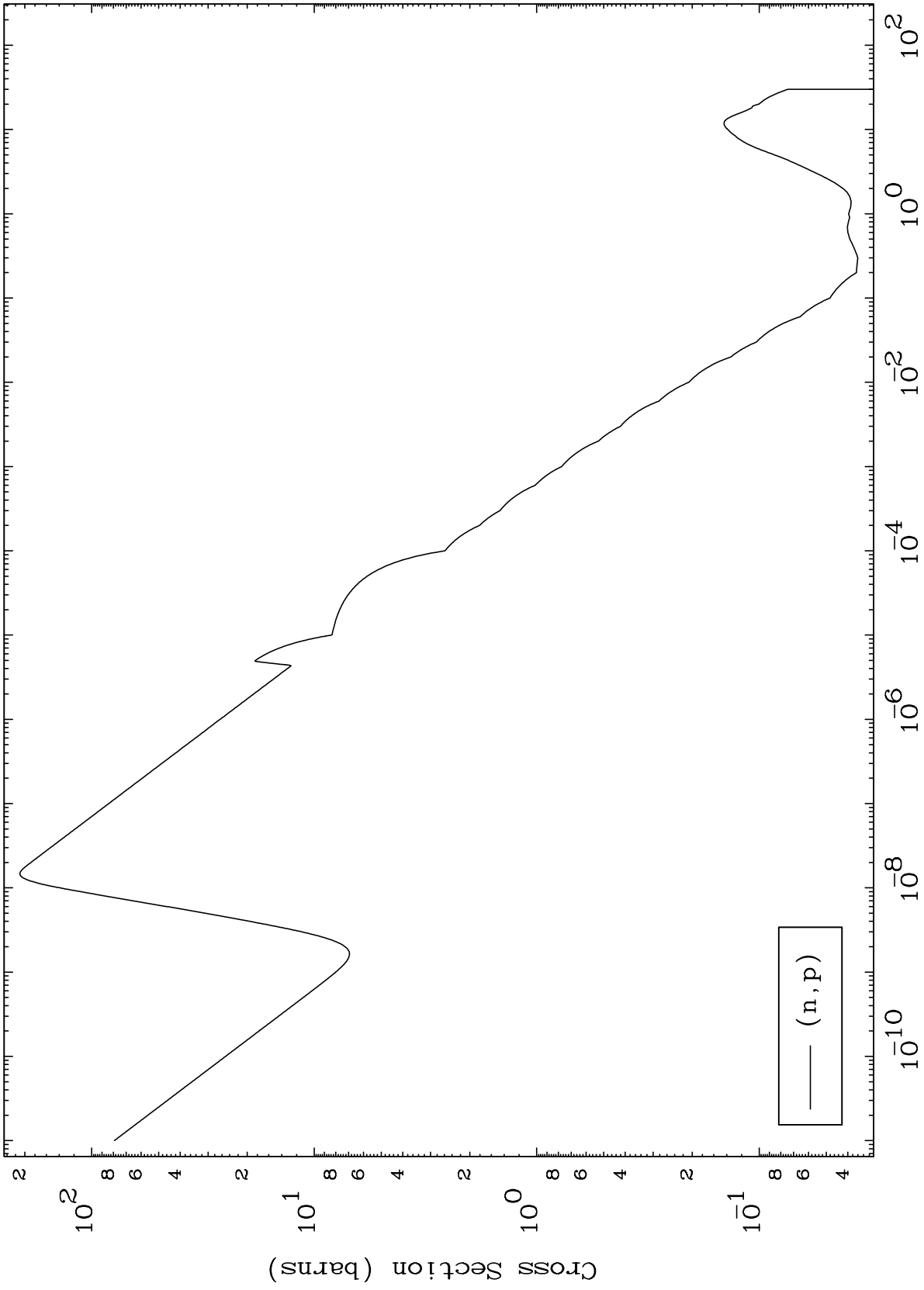
Incident Energy (MeV)

8

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(n,p) Levels
293 Kelvin Cross Sections

71-Lu-162



9

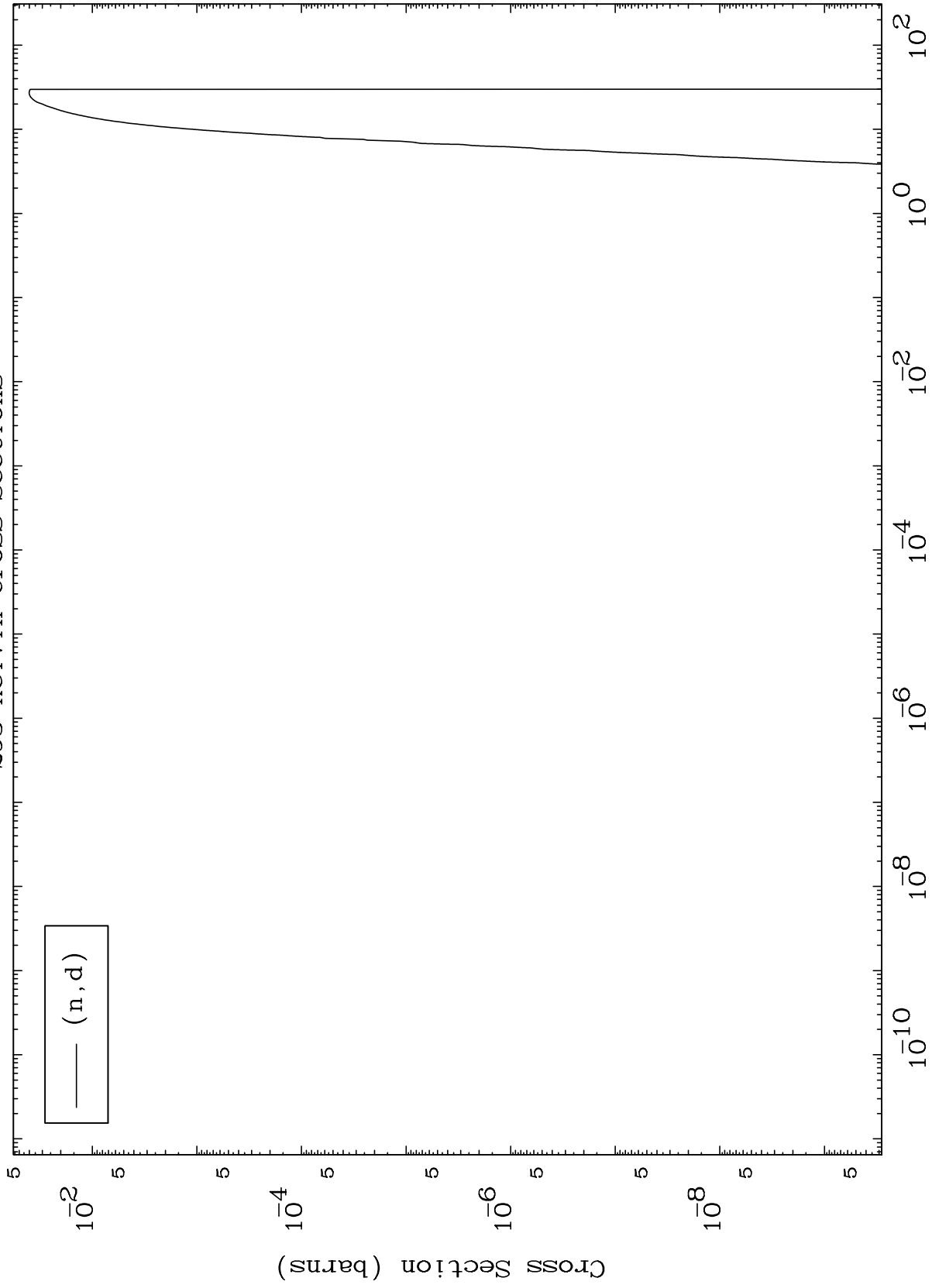
Incident Energy (MeV)

71-Lu-162

MAT 7088

(n,d) Levels
293 Kelvin Cross Sections

71-Lu-162



10

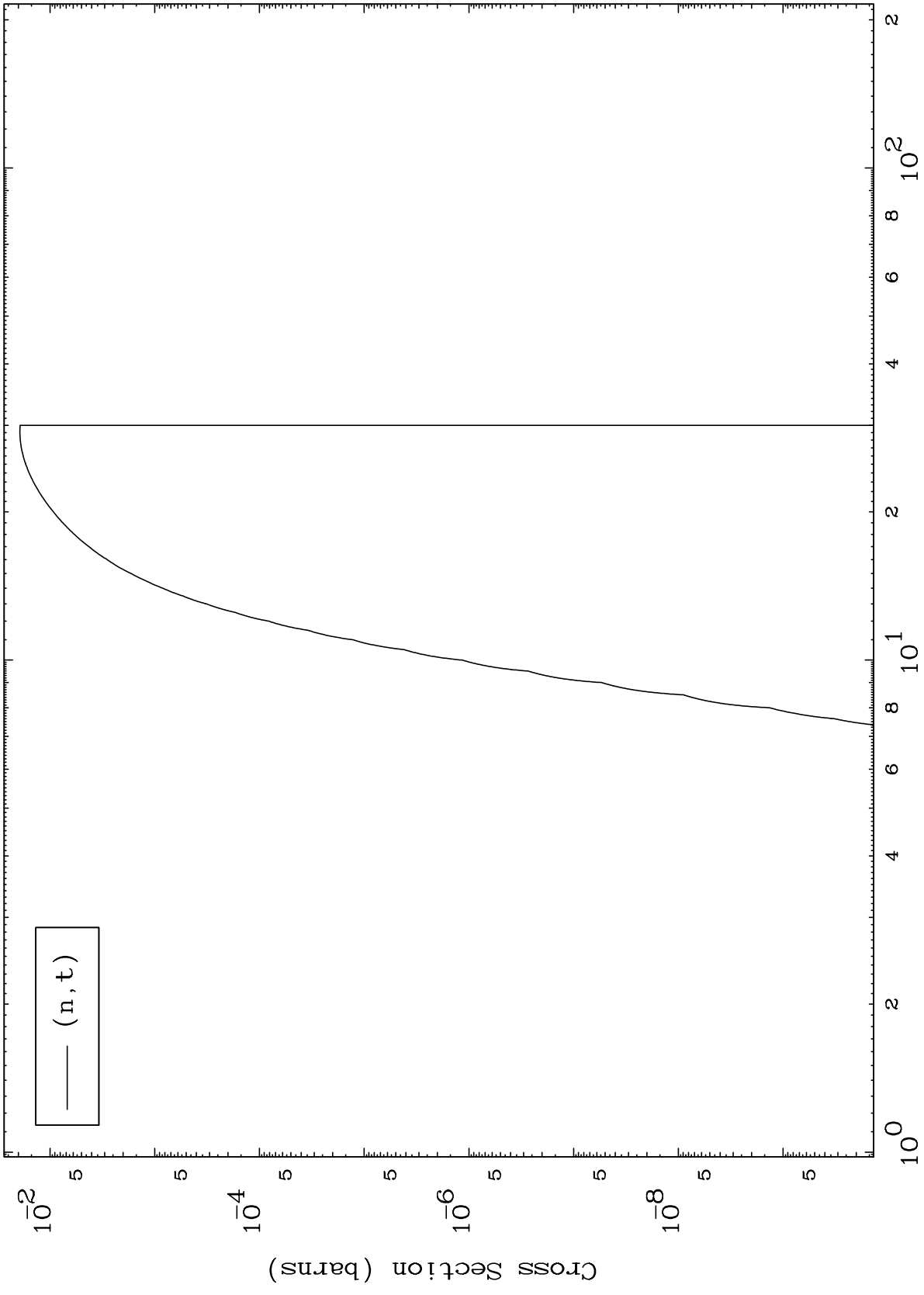
Incident Energy (MeV)

71-Lu-162

MAT 7088

(n,t) Levels
293 Kelvin Cross Sections

71-Lu-162



11

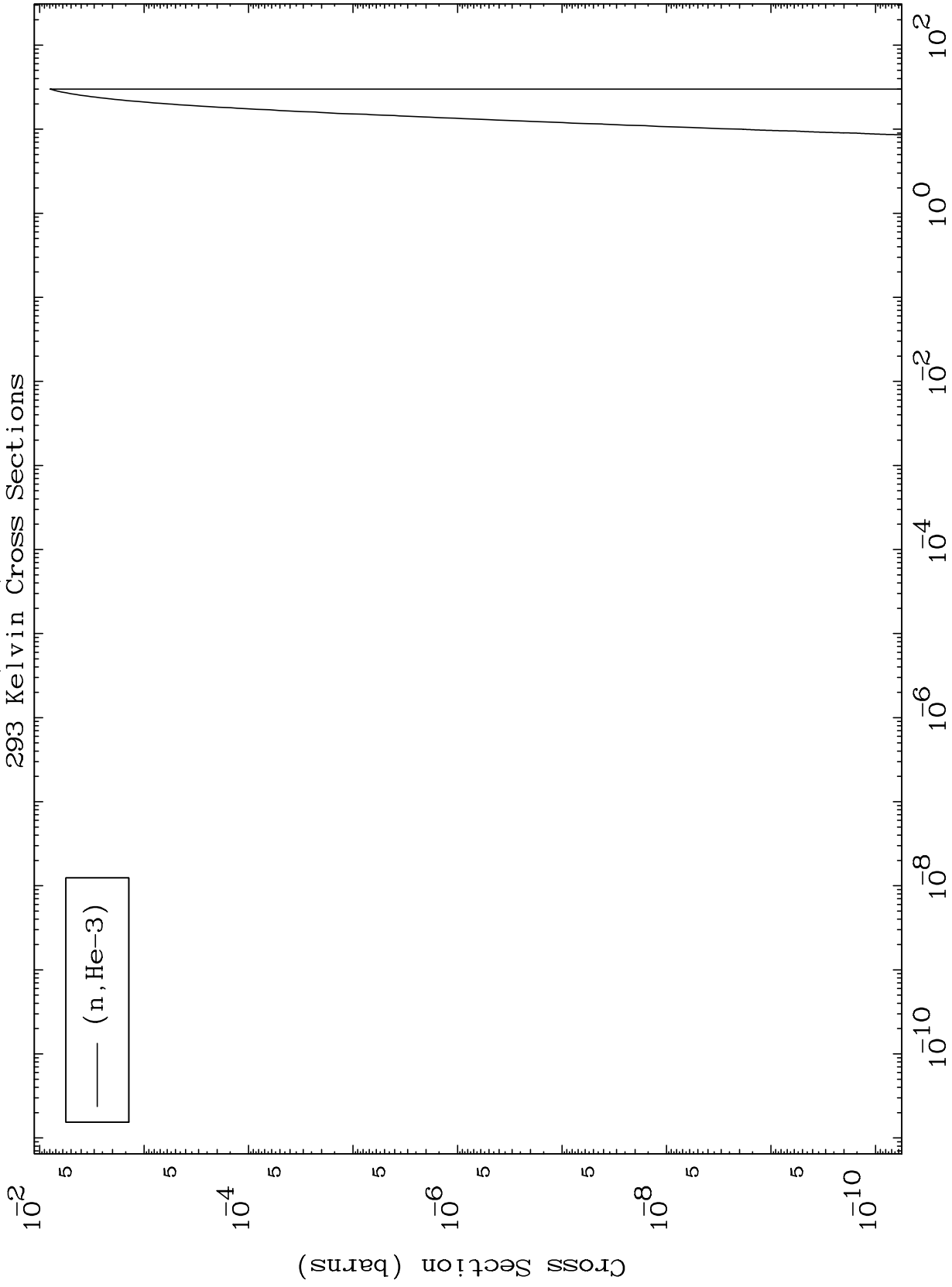
Incident Energy (MeV)

71-Lu-162

MAT 7088

(n,He3) Levels
293 Kelvin Cross Sections

71-Lu-162



12

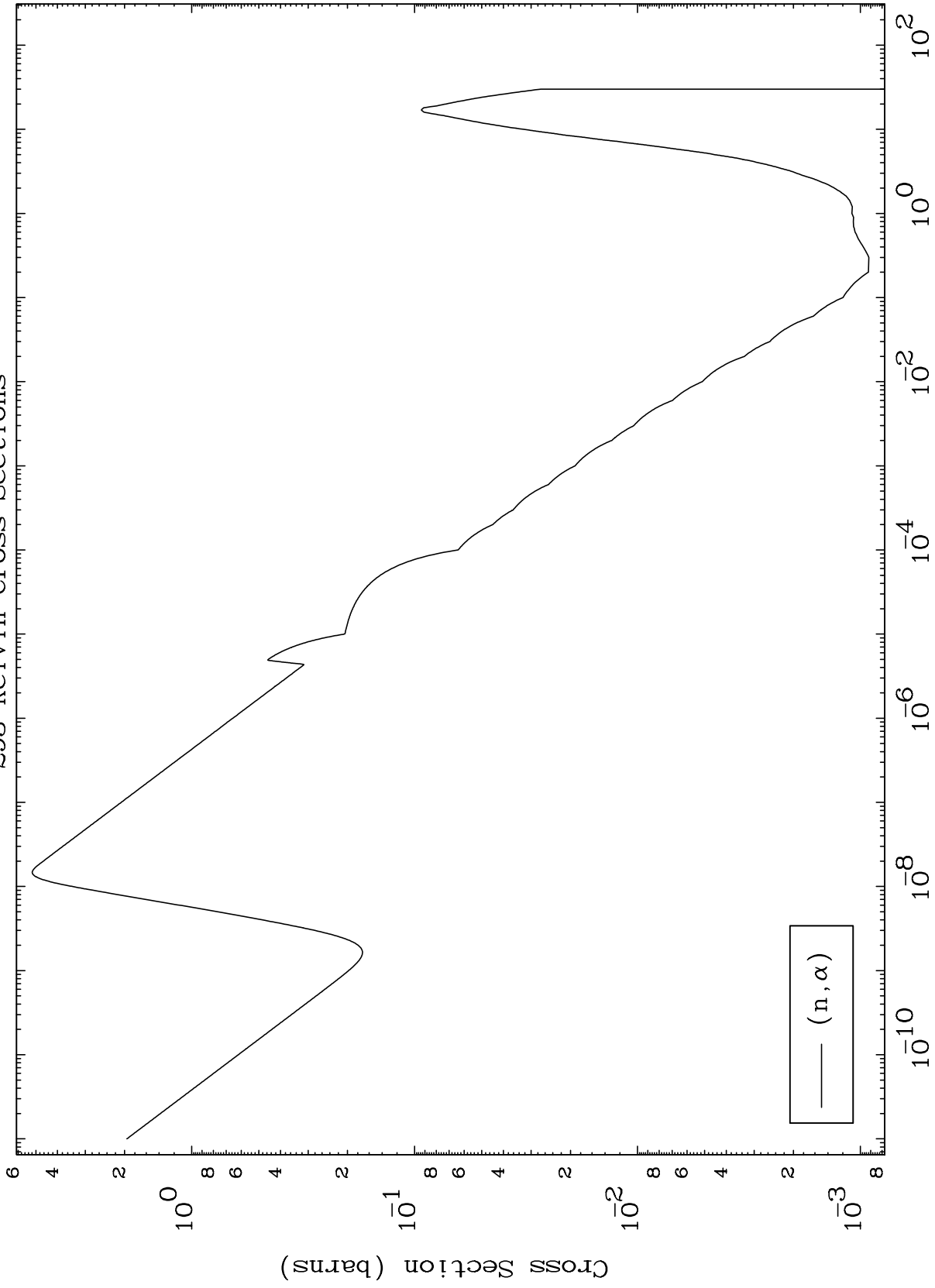
Incident Energy (MeV)

71-Lu-162

MAT 7088

(n,α) Levels
293 Kelvin Cross Sections

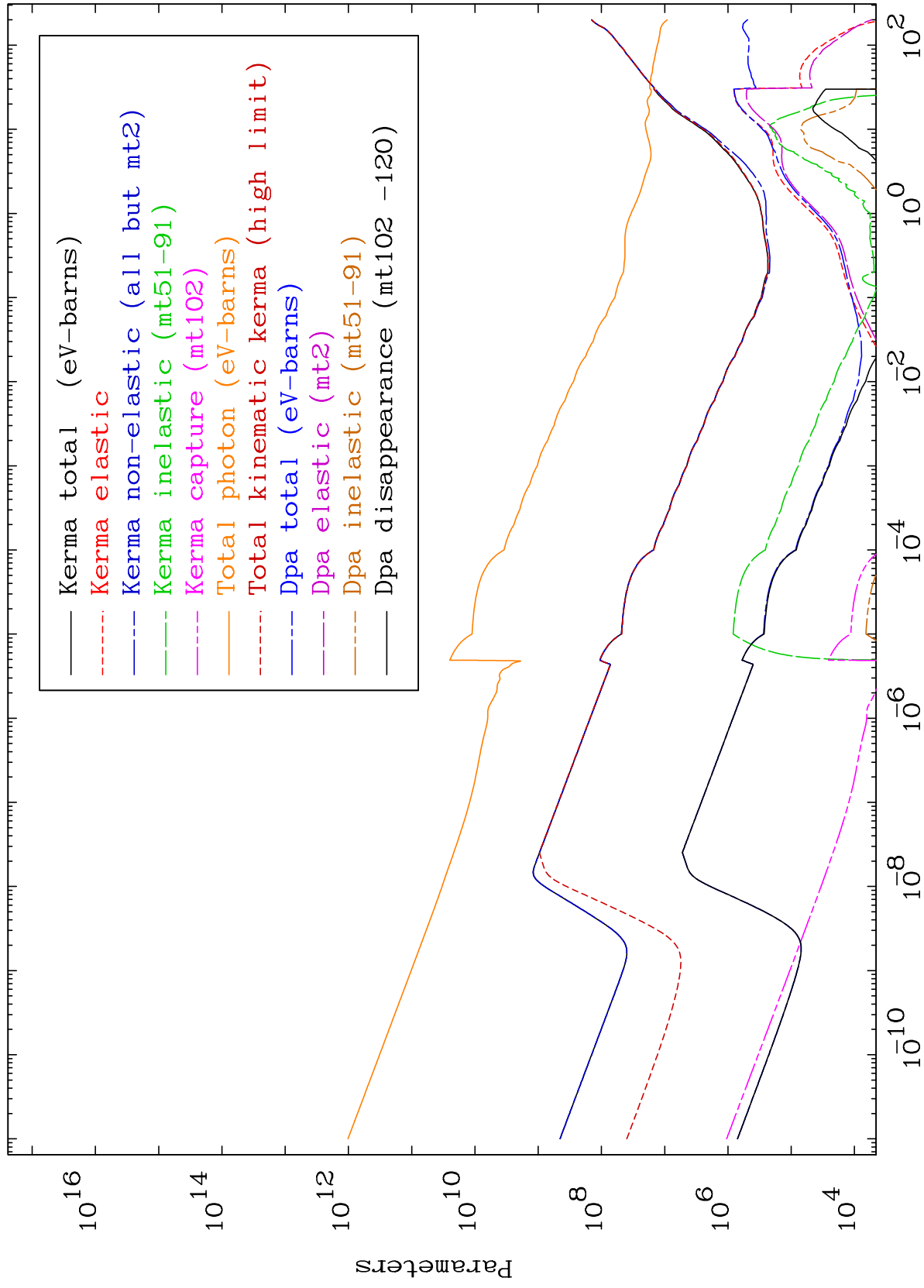
71-Lu-162

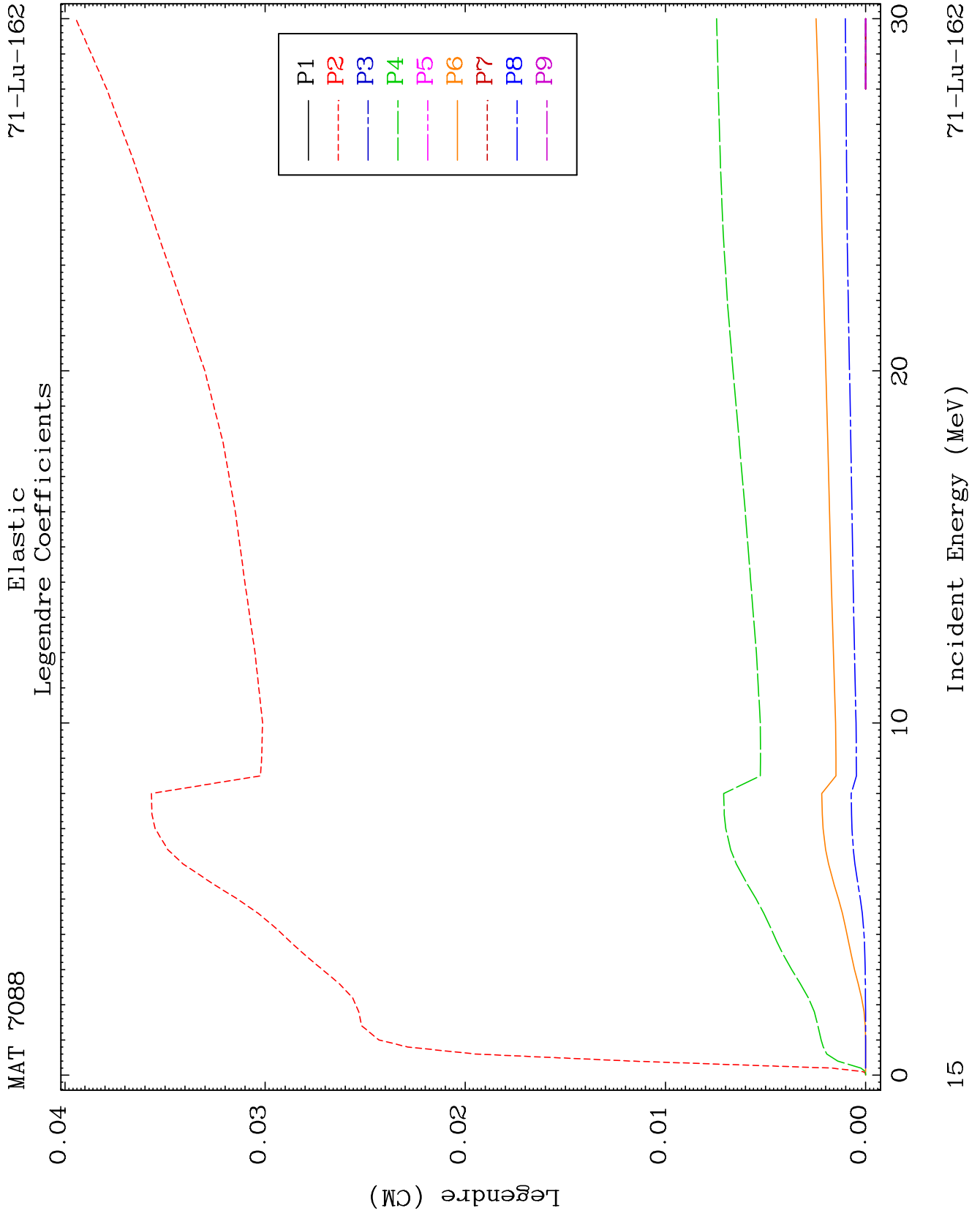


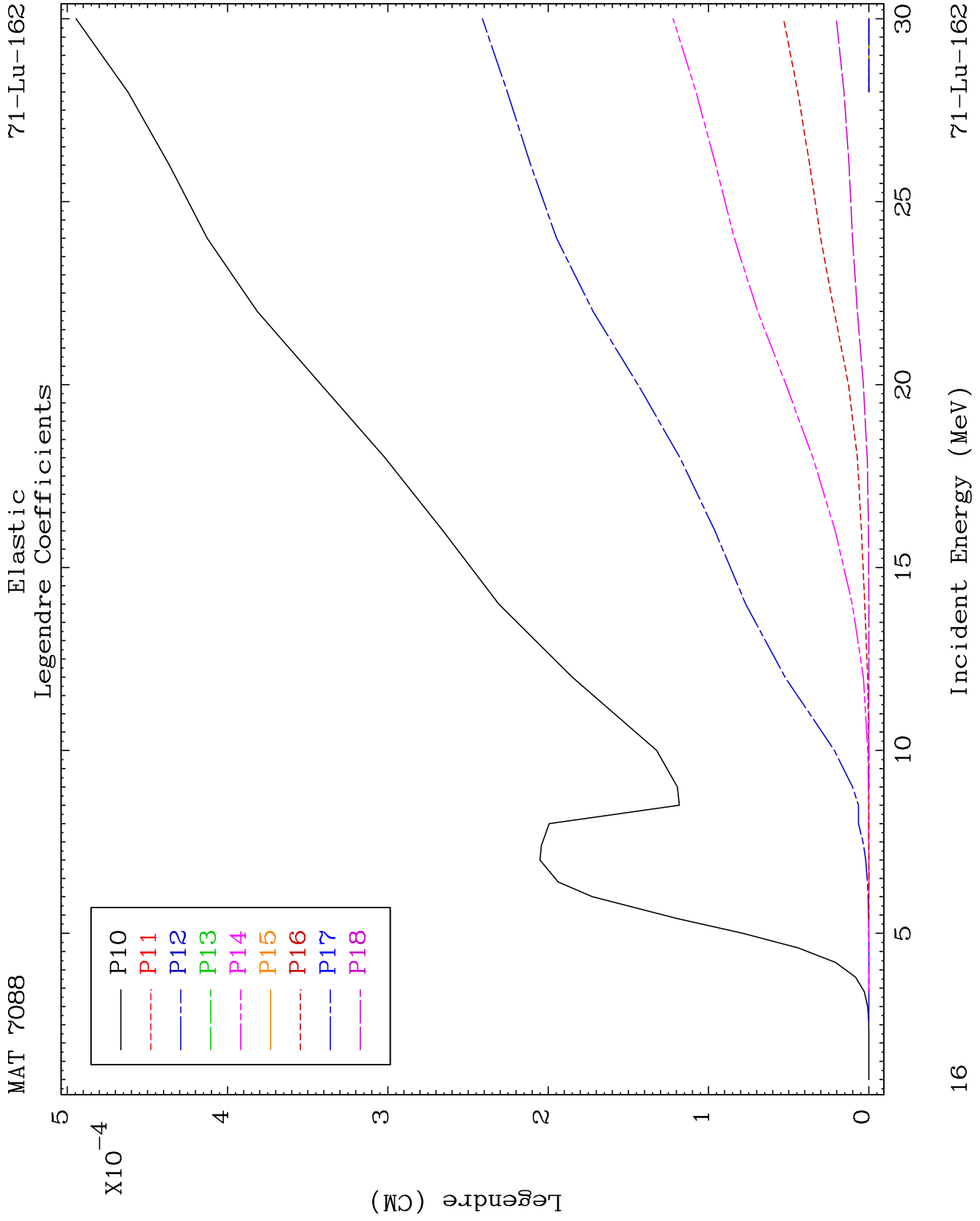
13

71-Lu-162

71-Lu-162



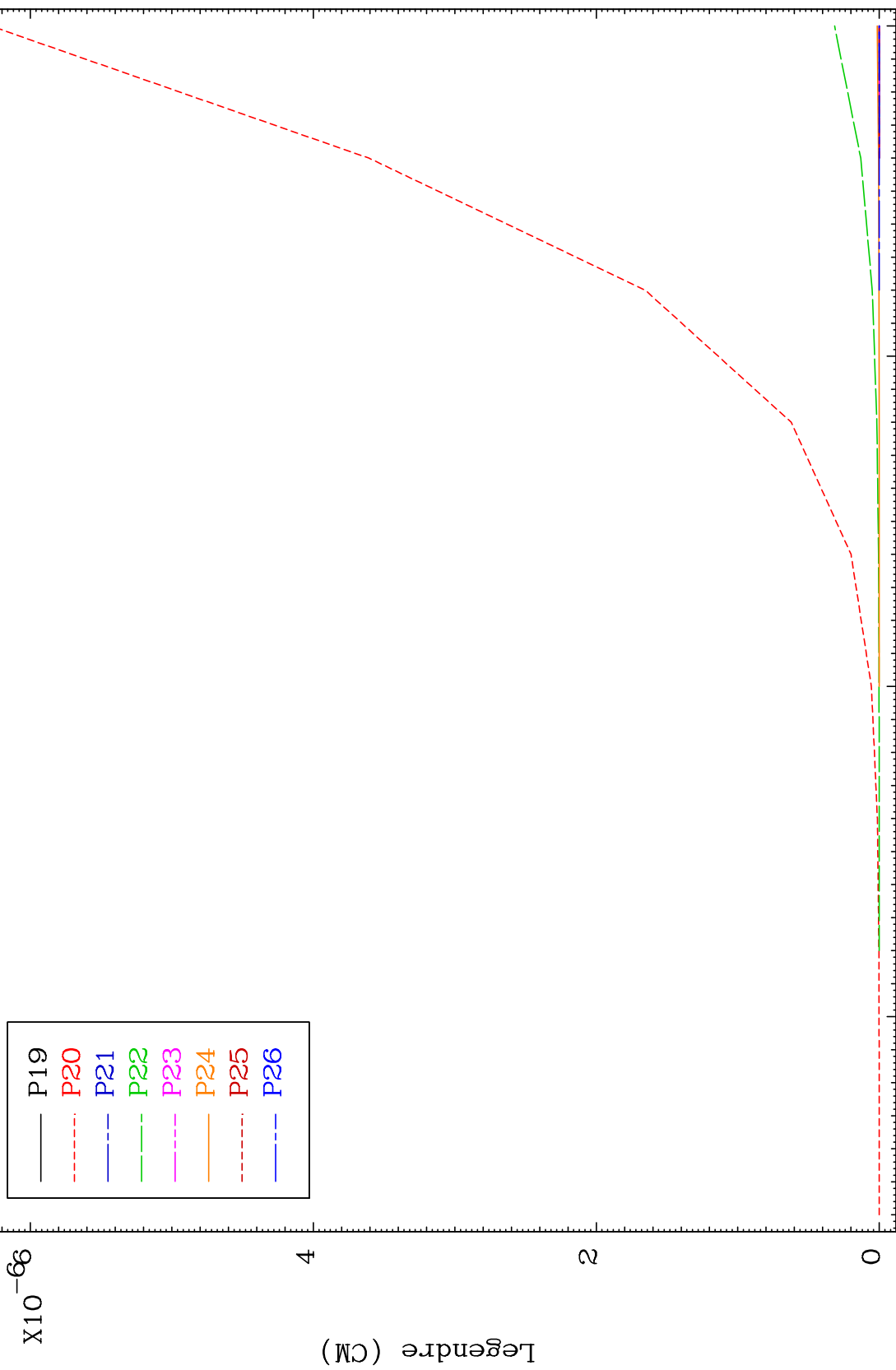
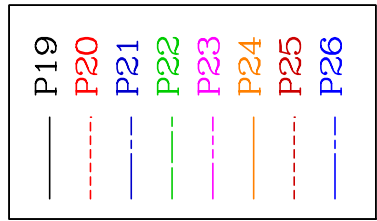




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Elastic Legendre Coefficients

71-Lu-162



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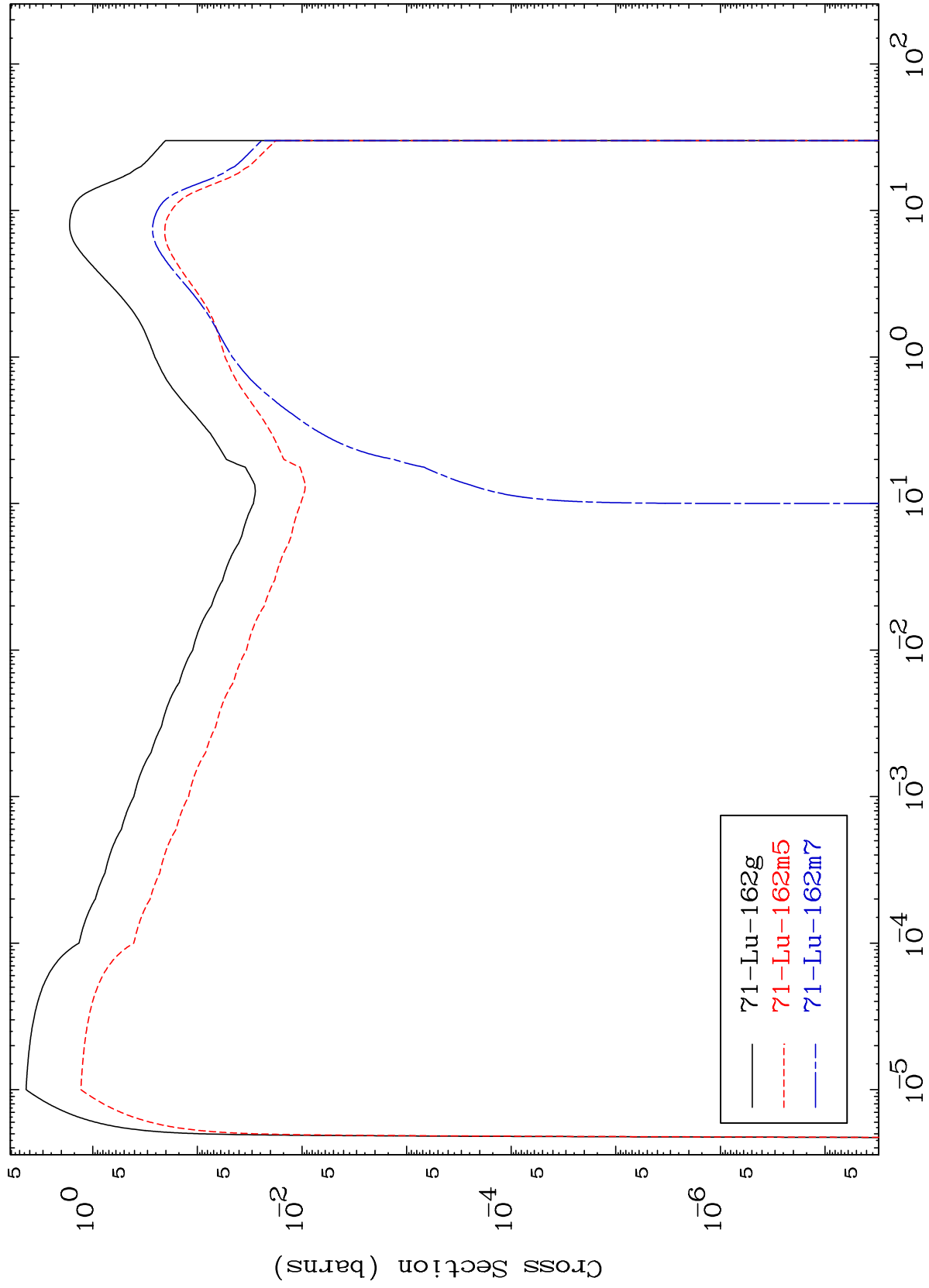
Incident Energy (MeV)

71-Lu-162

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Inelastic Radionuclide Production Cross Section

71-Lu-162

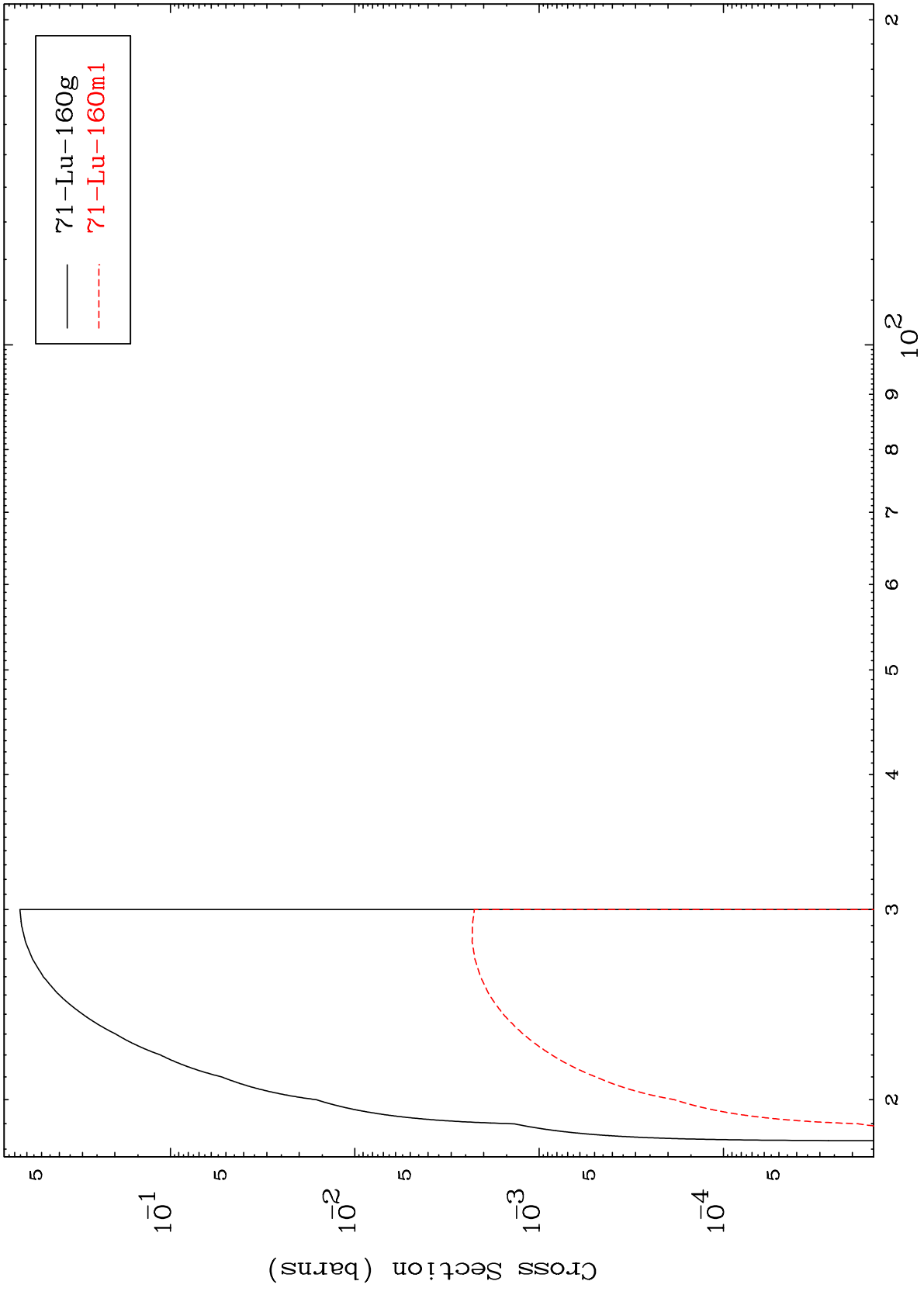


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(n,3n)

⁷¹Lu-162

Radionuclide Production Cross Section



71-Lu-160g
71-Lu-160m1

19

Incident Energy (MeV)

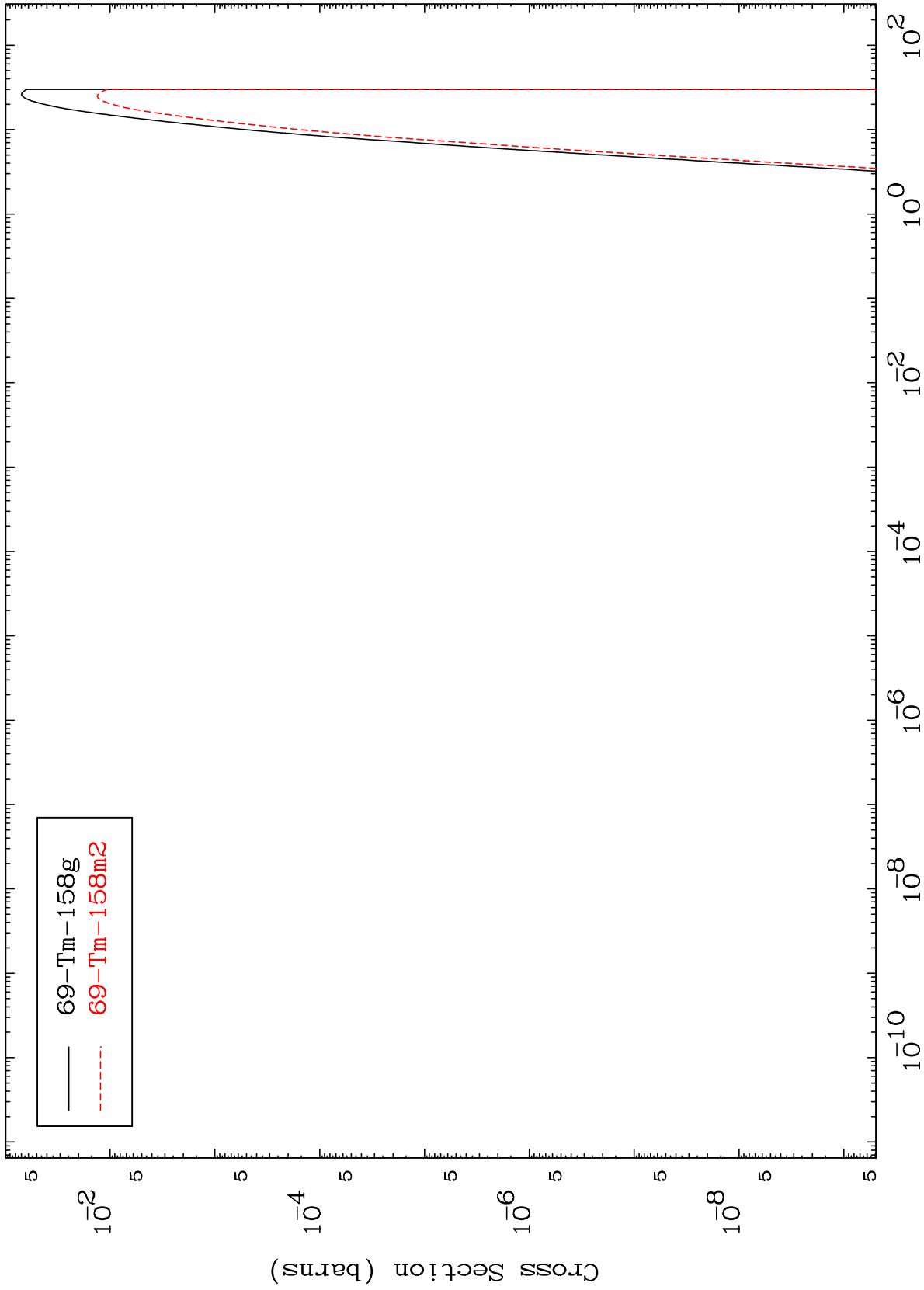
⁷¹Lu-162

MAT 7088

(n,n') α

71-Lu-162

Radionuclide Production Cross Section



20

Incident Energy (MeV)

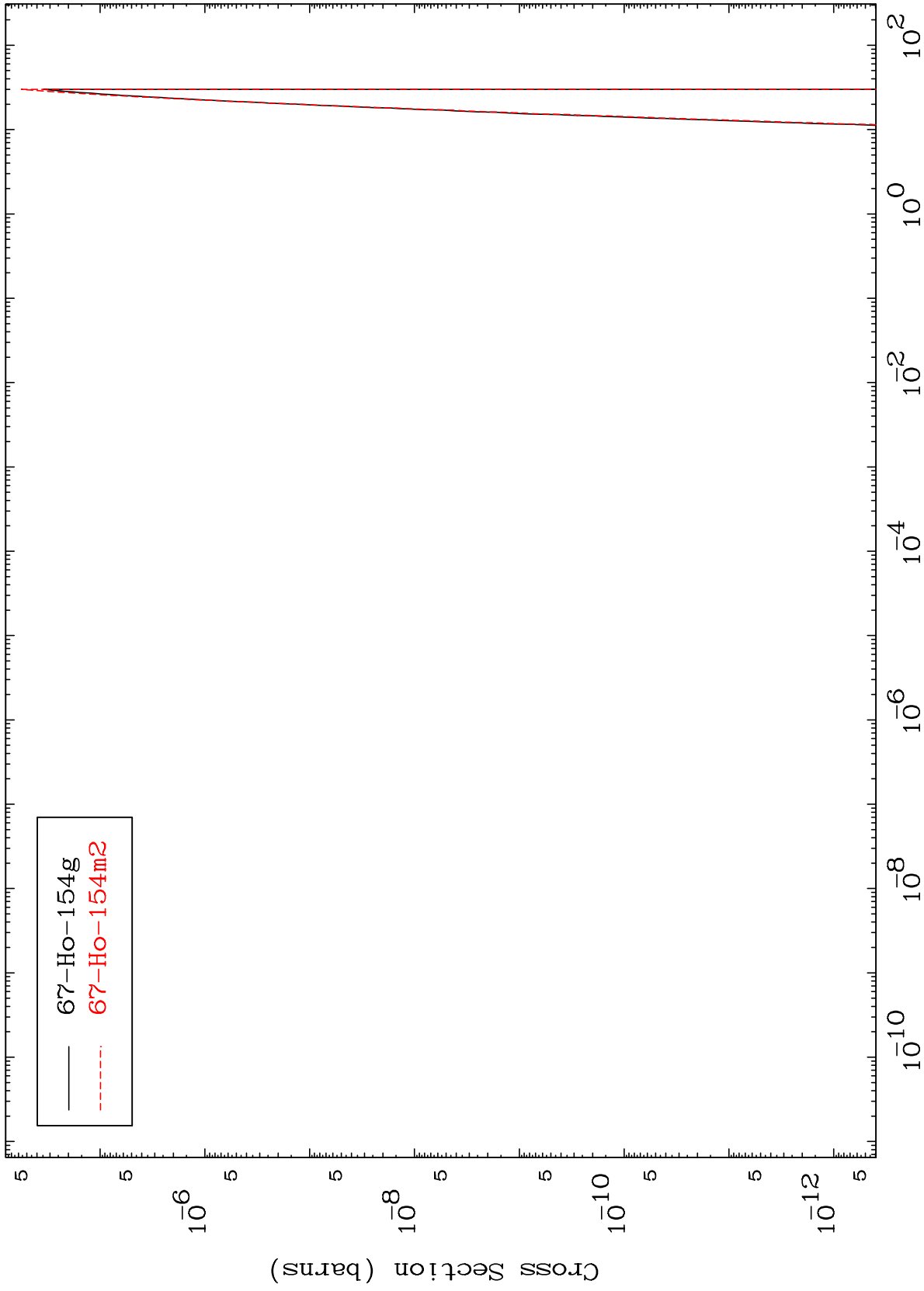
71-Lu-162

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(n,n') 2 α

71-Lu-162

Radionuclide Production Cross Section



21

Incident Energy (MeV)

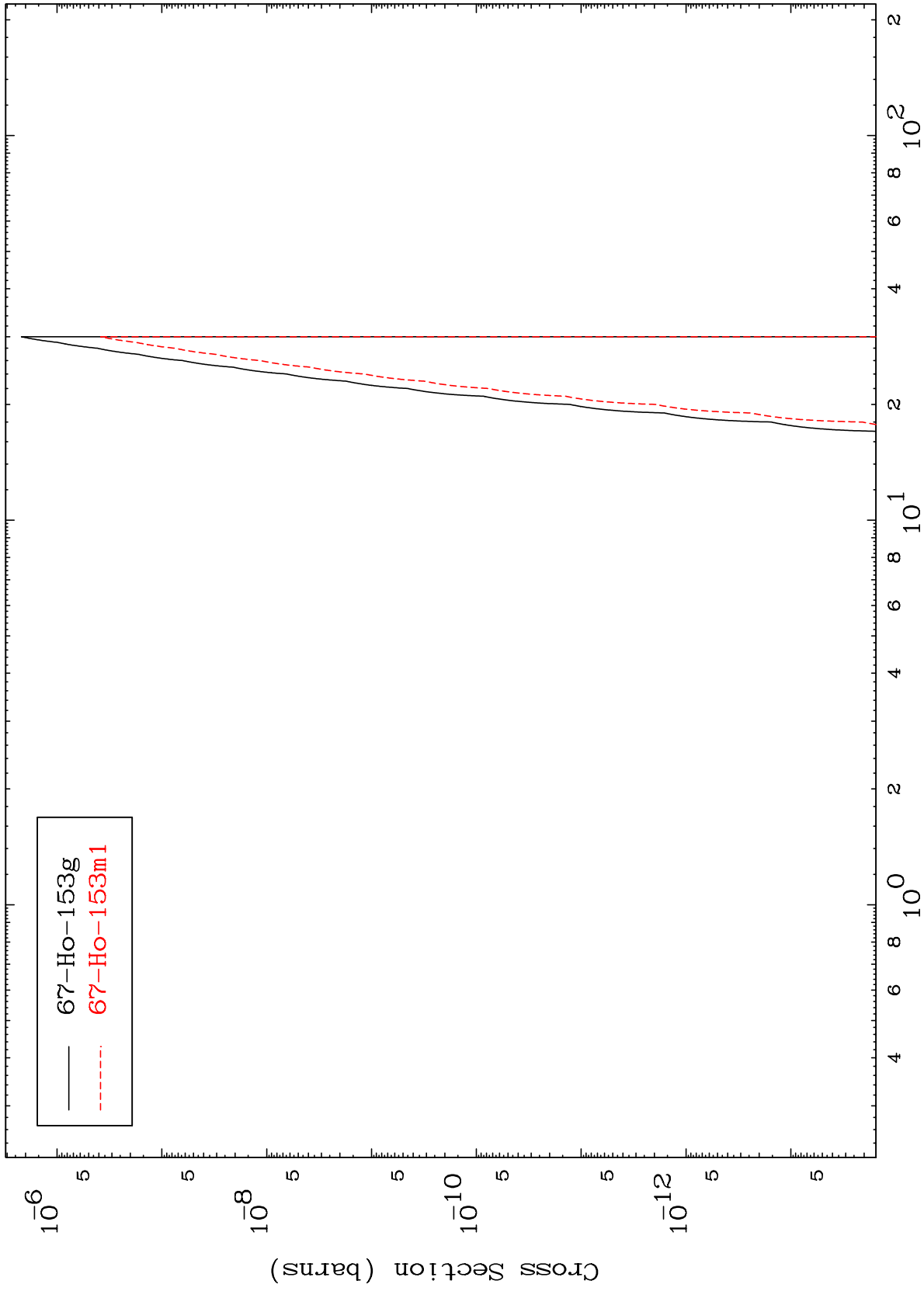
71-Lu-162

MAT 7088

(n,2n) 2 α

71-Lu-162

Radionuclide Production Cross Section



22

Incident Energy (MeV)

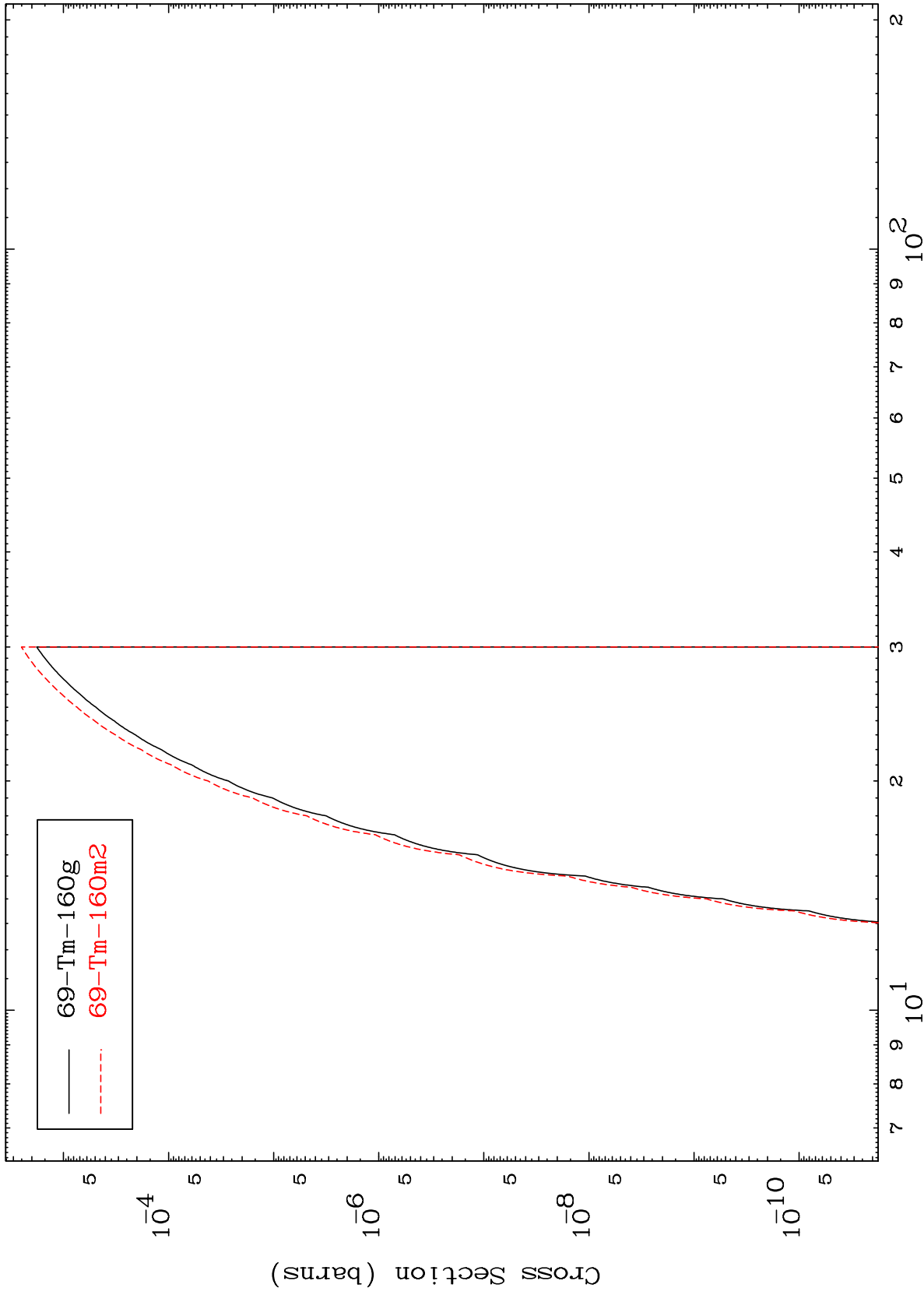
71-Lu-162

MAT 7088

(n,2n) p

71-Lu-162

Radionuclide Production Cross Section



23

Incident Energy (MeV)

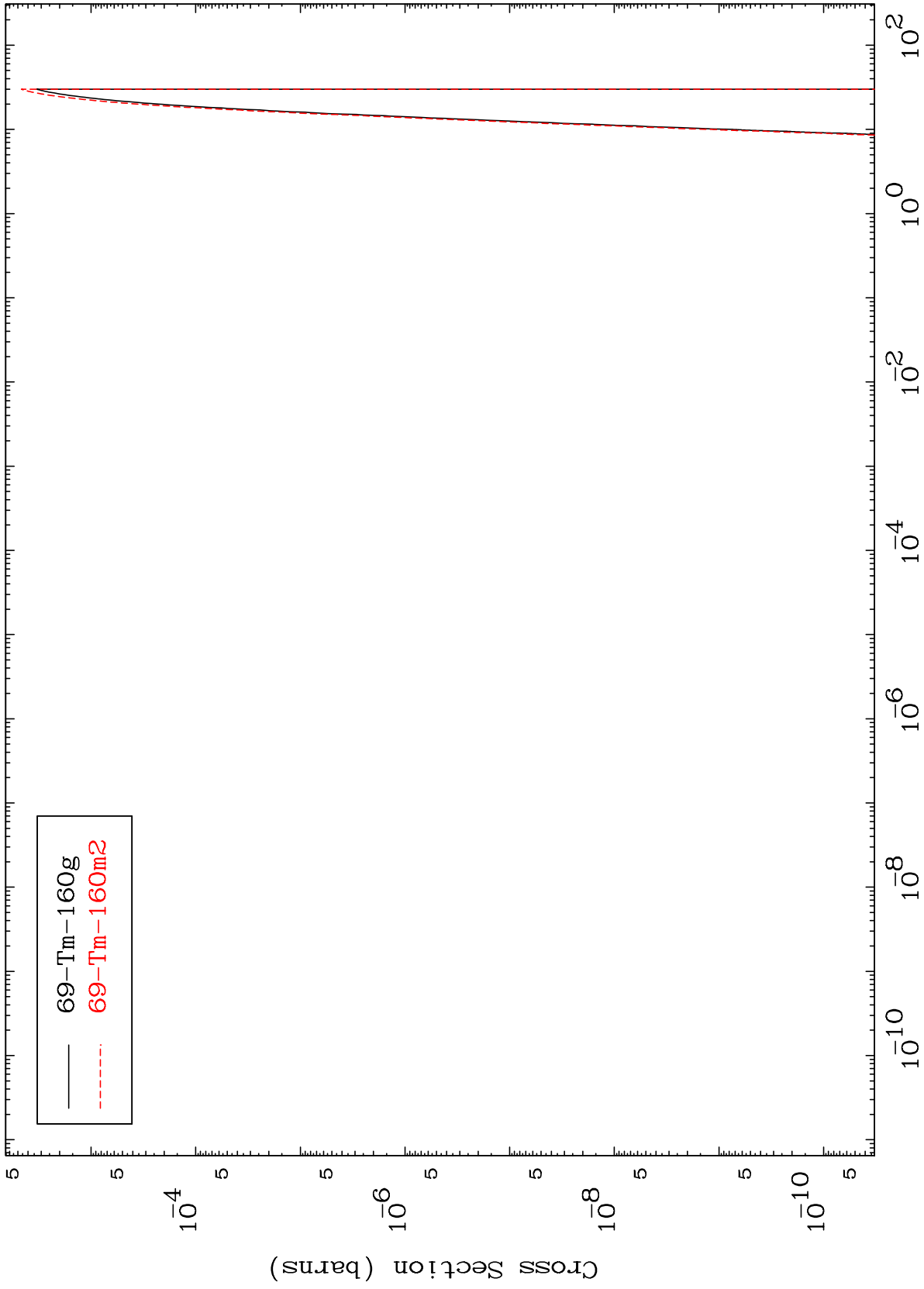
71-Lu-162

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(n, He-3)

71-Lu-162

Radionuclide Production Cross Section



24

Incident Energy (MeV)

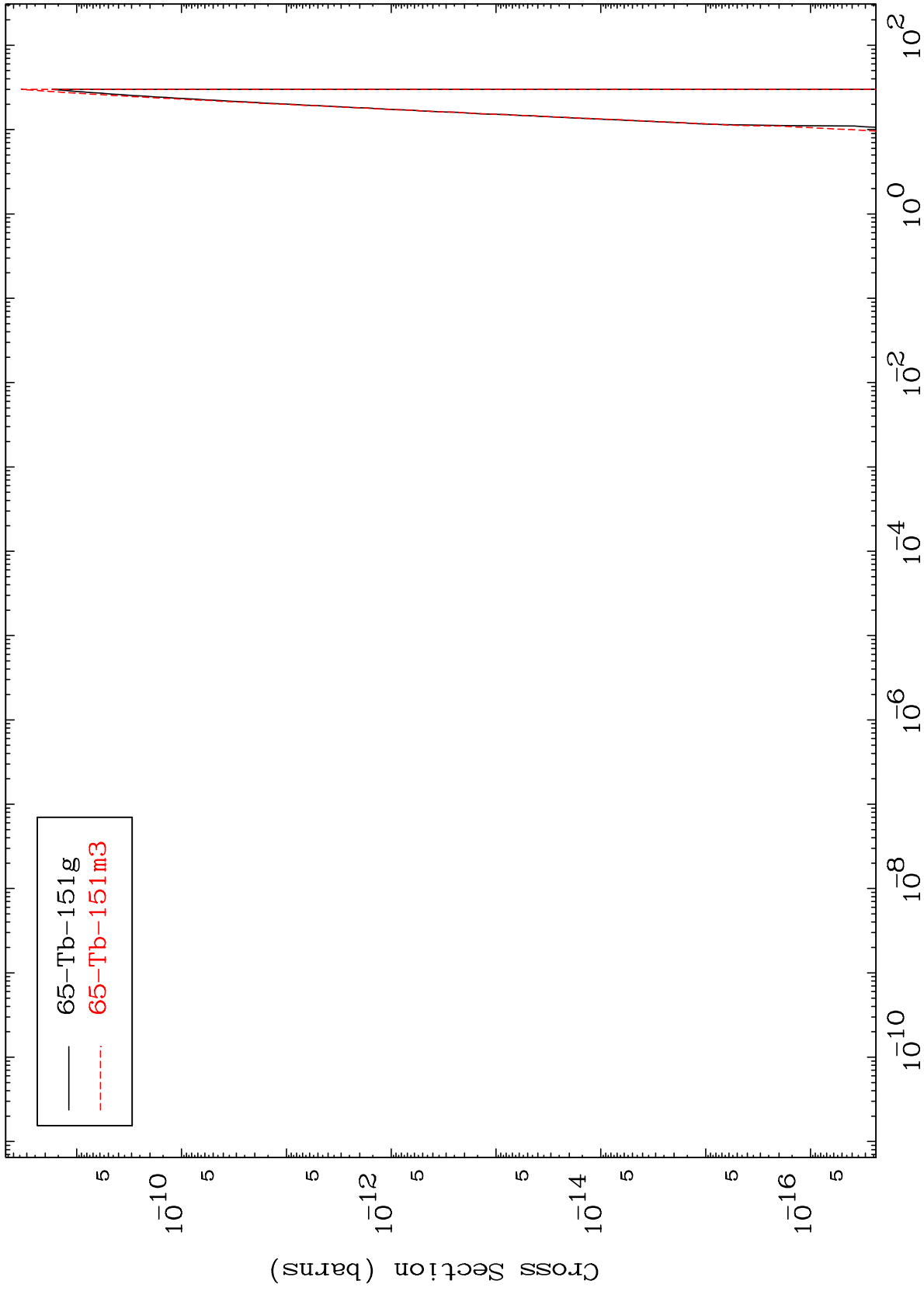
71-Lu-162

MAT 7088

(n, 3α)

71-Lu-162

Radionuclide Production Cross Section



25

Incident Energy (MeV)

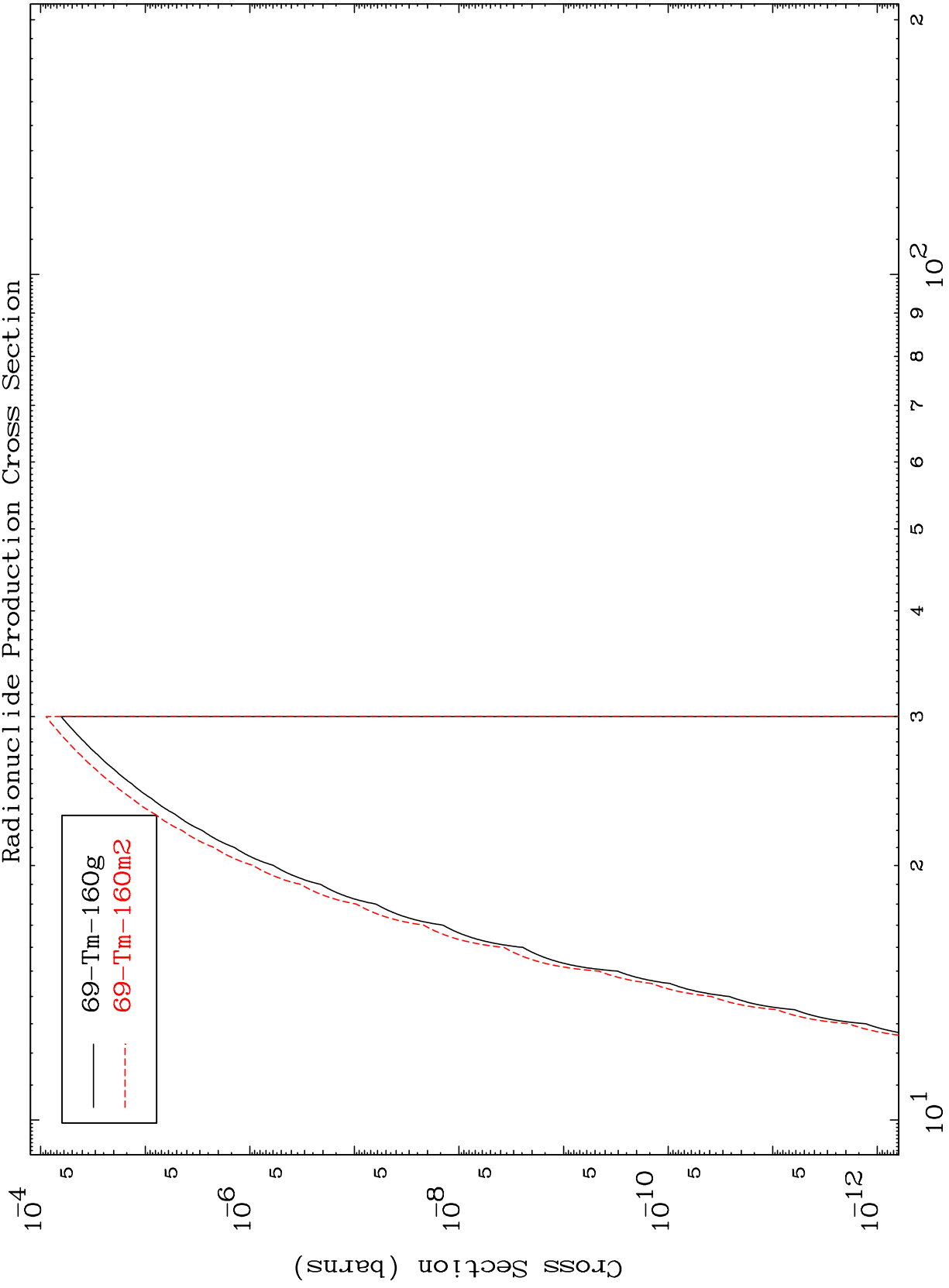
71-Lu-162

MAT 7088

(n,p) d

71-Lu-162

Radionuclide Production Cross Section



26

Incident Energy (MeV)

71-Lu-162