

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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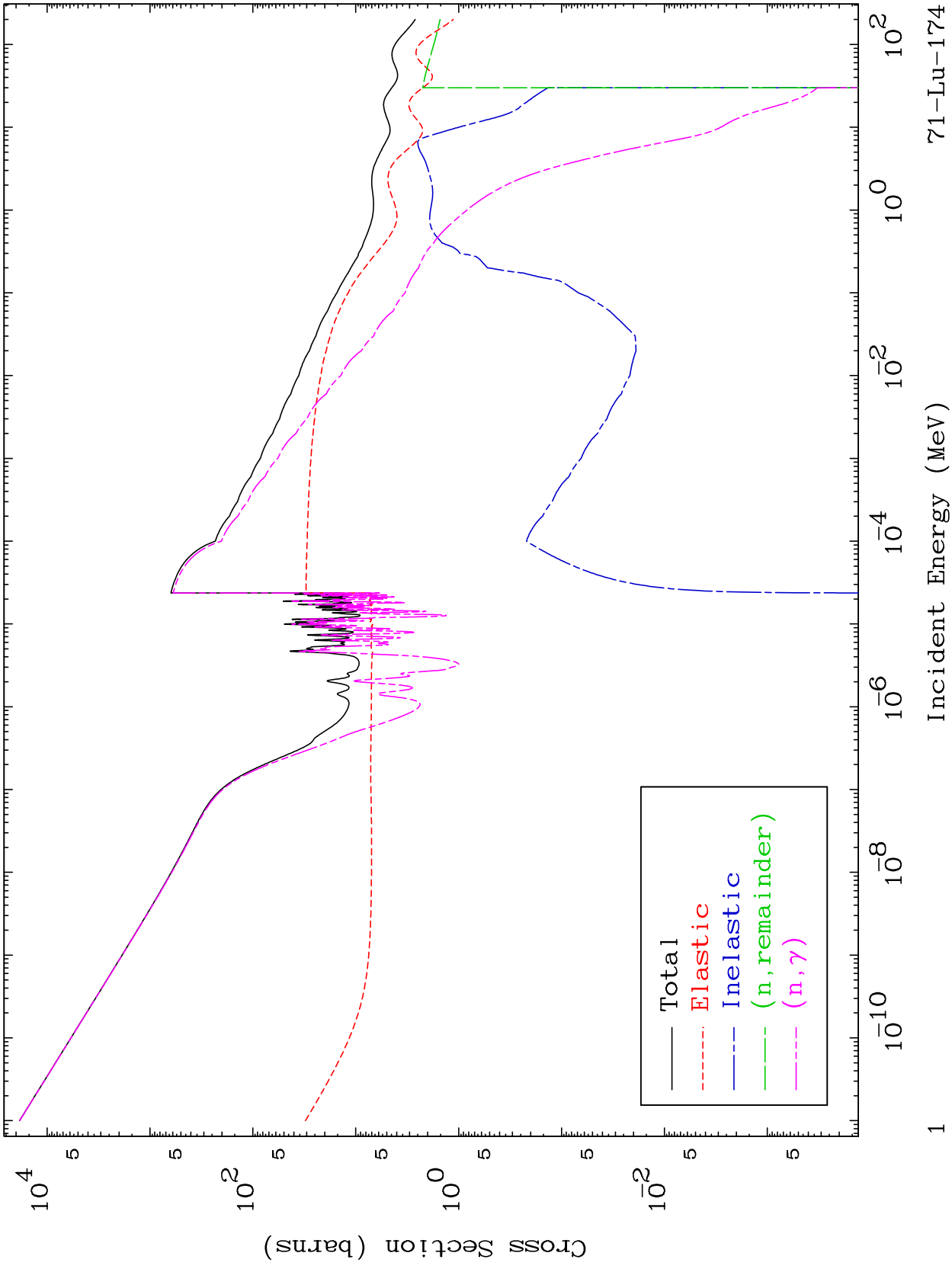
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7123

Major  
293 Kelvin Cross Sections

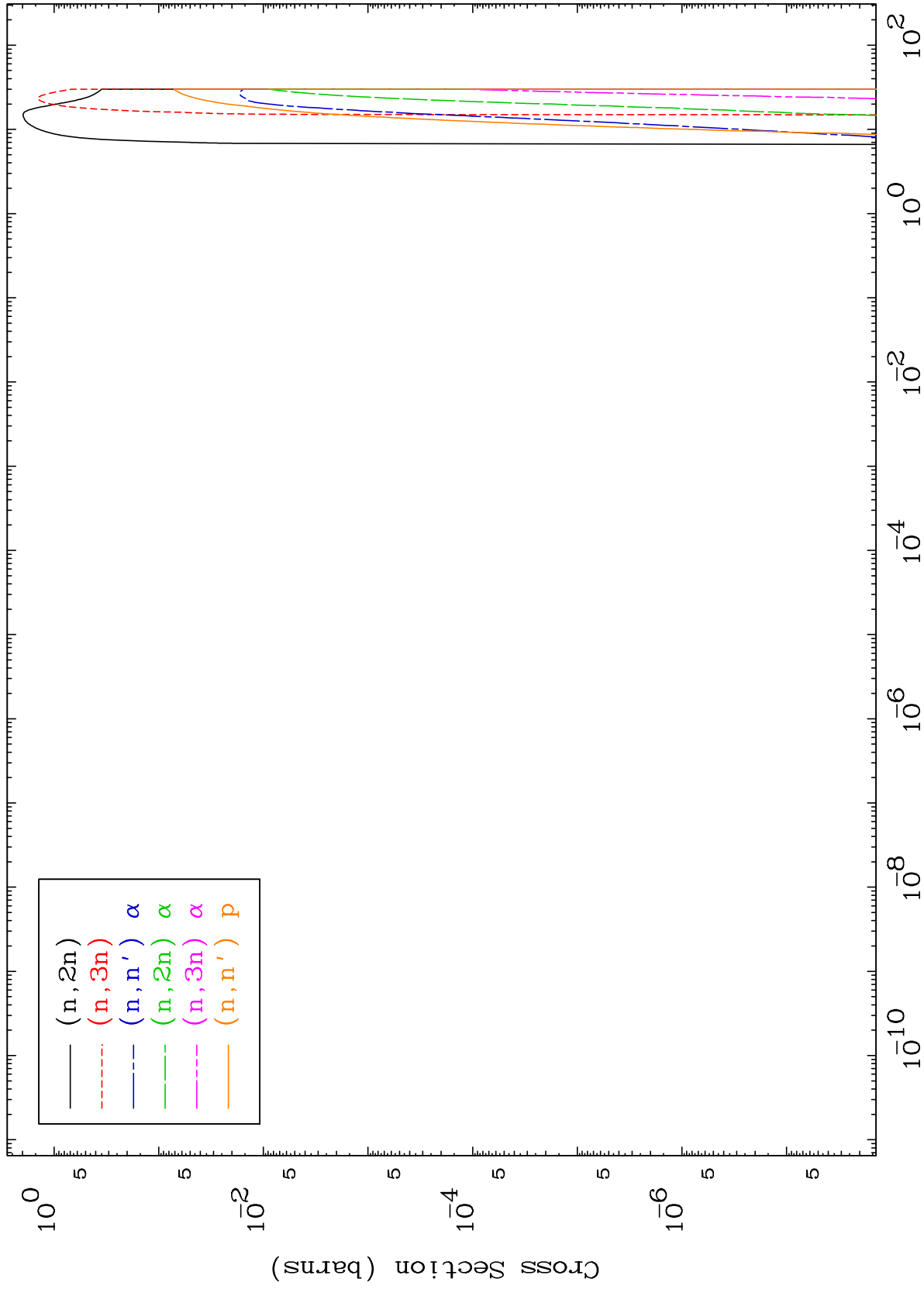
71-Lu-174



MAT 7123

Neutron Production  
293 Kelvin Cross Sections

71-Lu-174

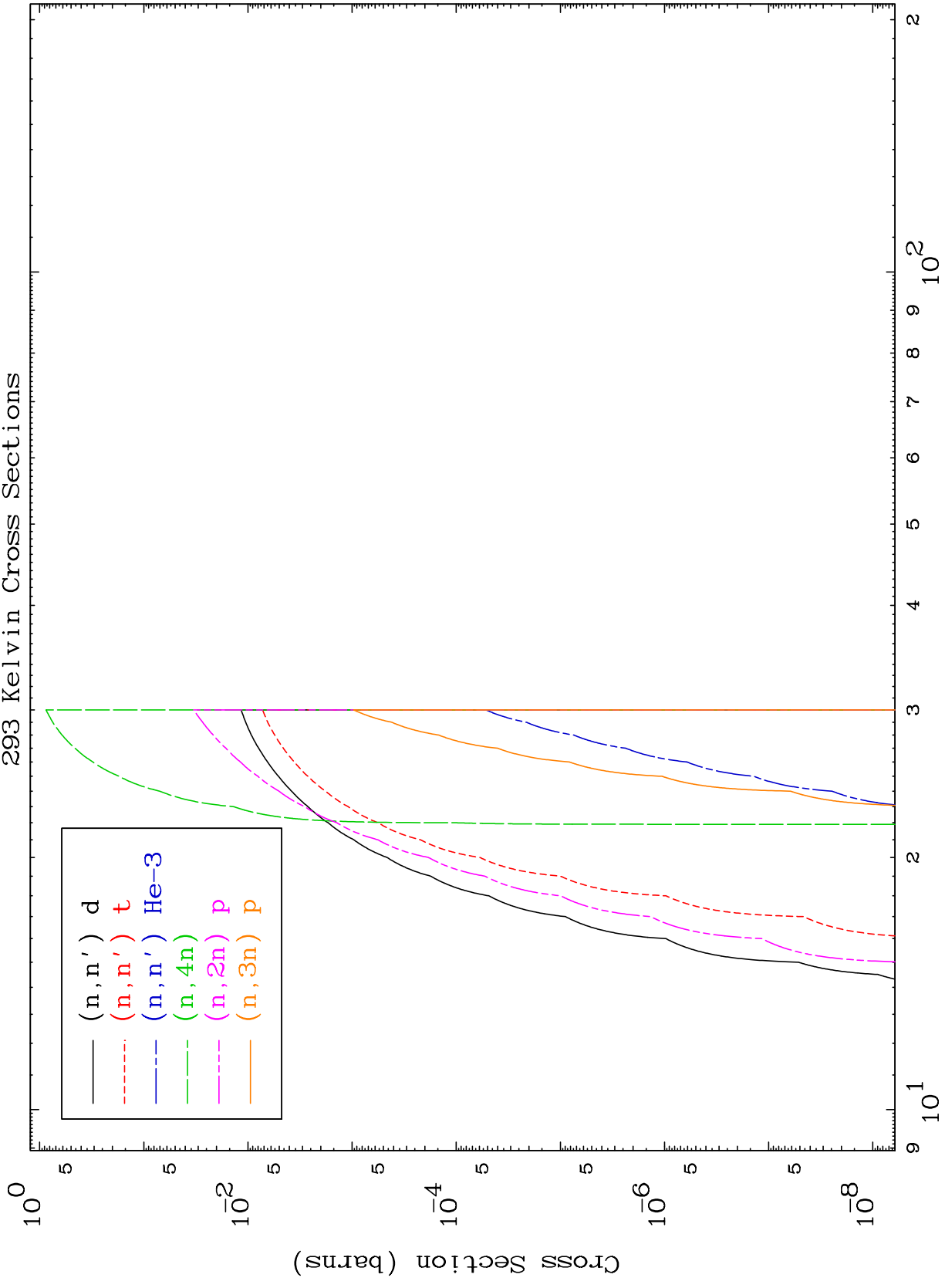


71-Lu-174

MAT 7123

Neutron Production  
293 Kelvin Cross Sections

71-Lu-174



71-Lu-174

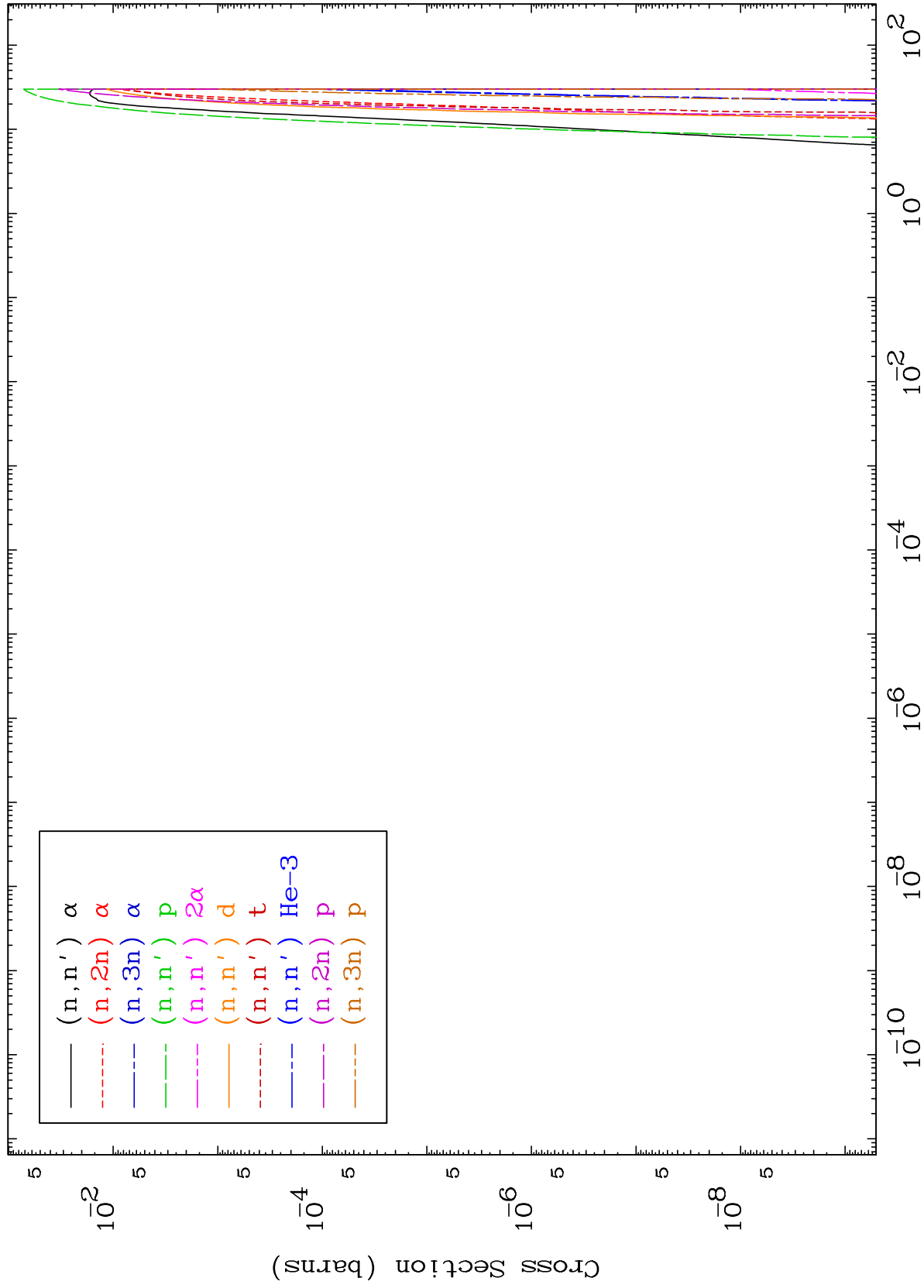
Incident Energy (MeV)

3

MAT 7123

293 Kelvin Cross Sections

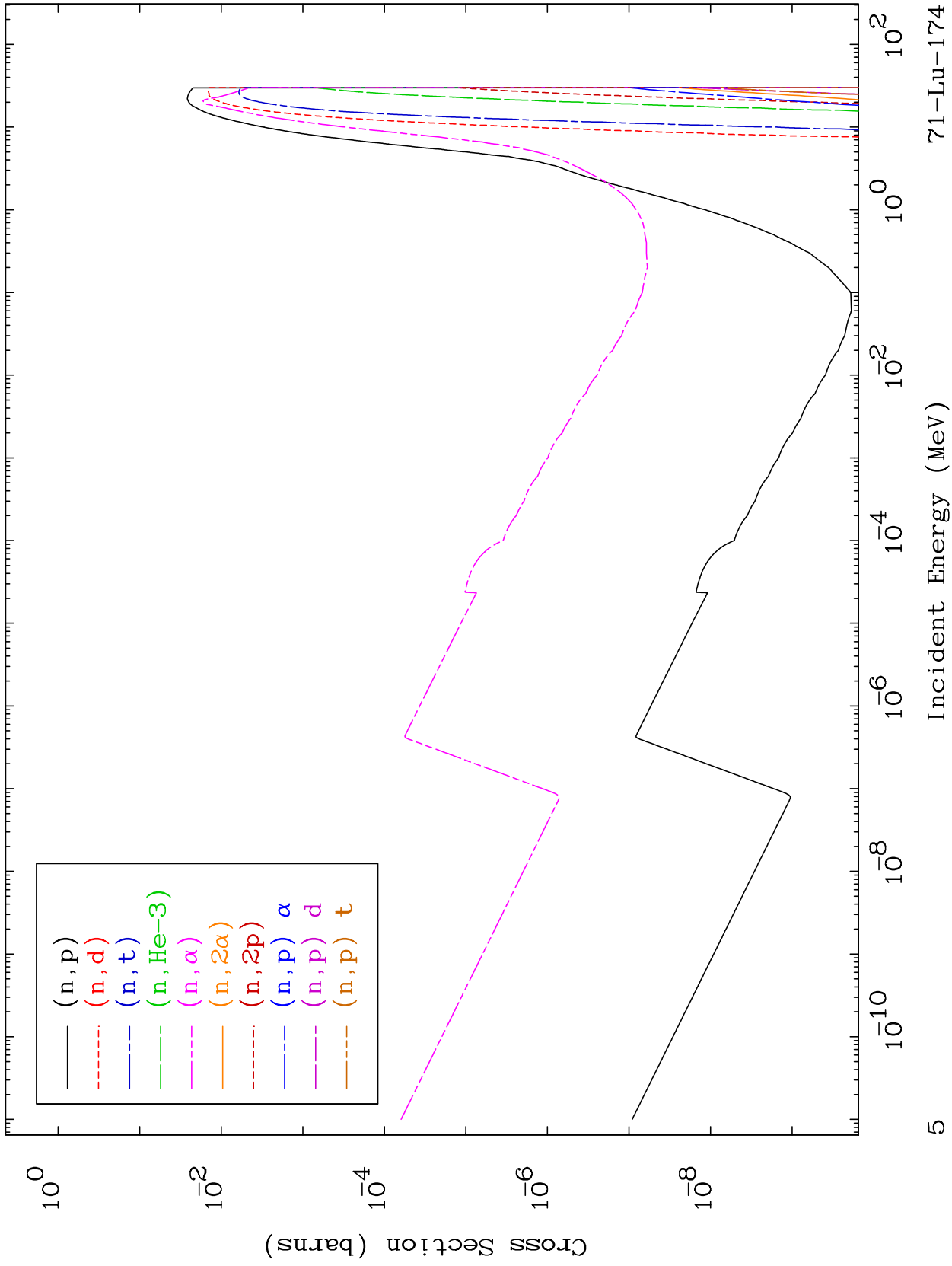
71-Lu-174



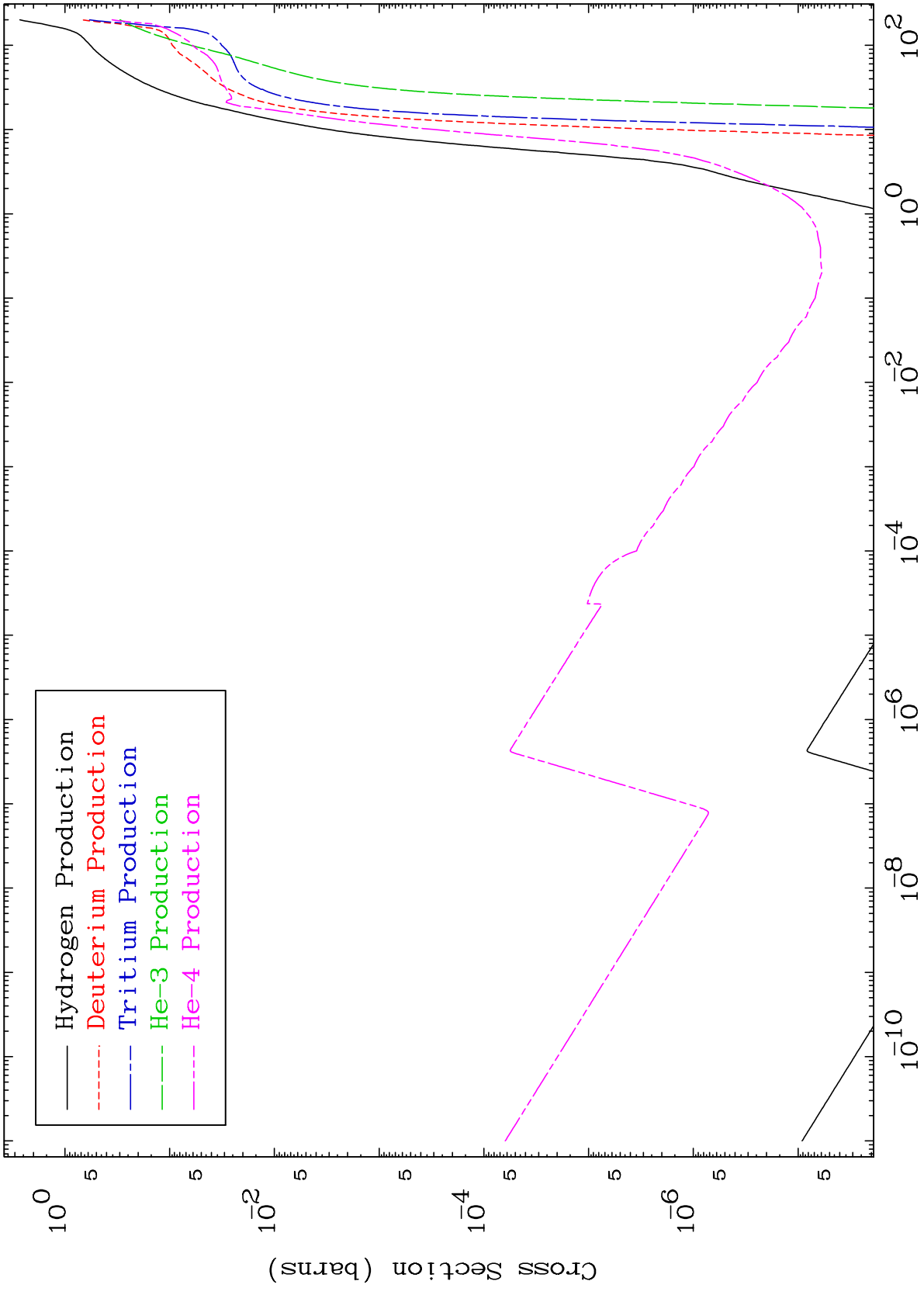
MAT 7123

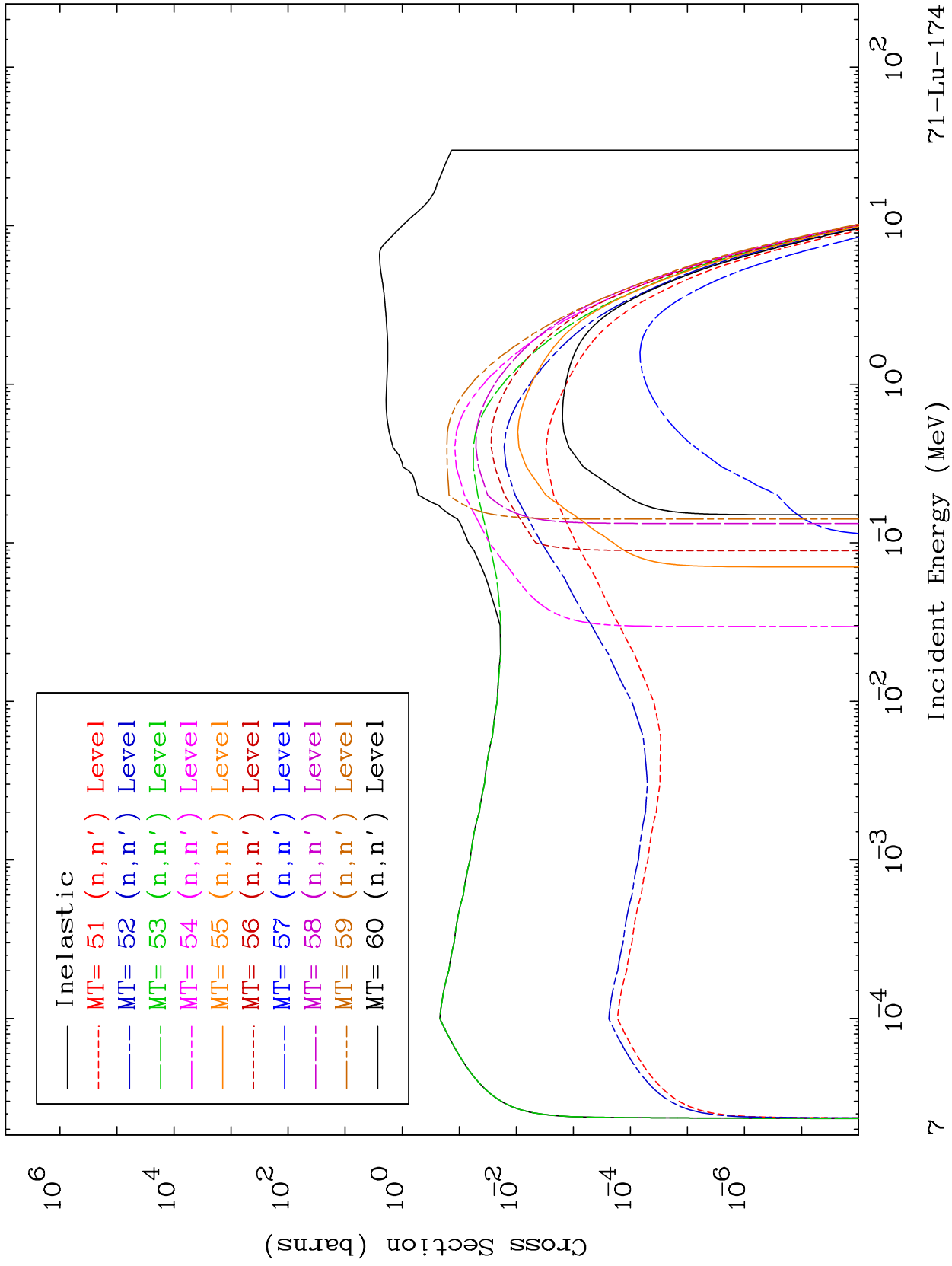
293 Kelvin Cross Sections

71-Lu-174



5





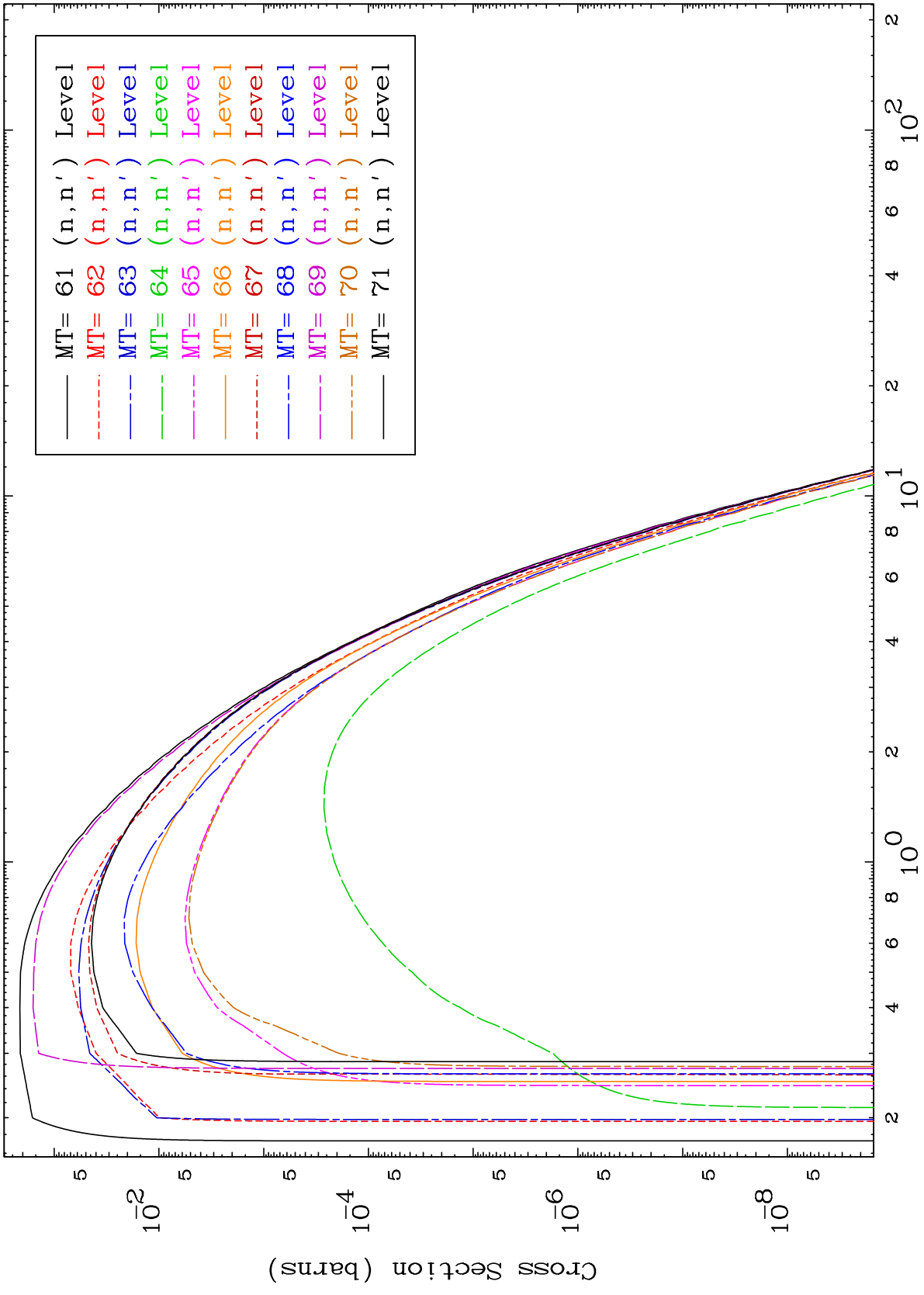


MAT 7123

(n,n') Level

71-Lu-174

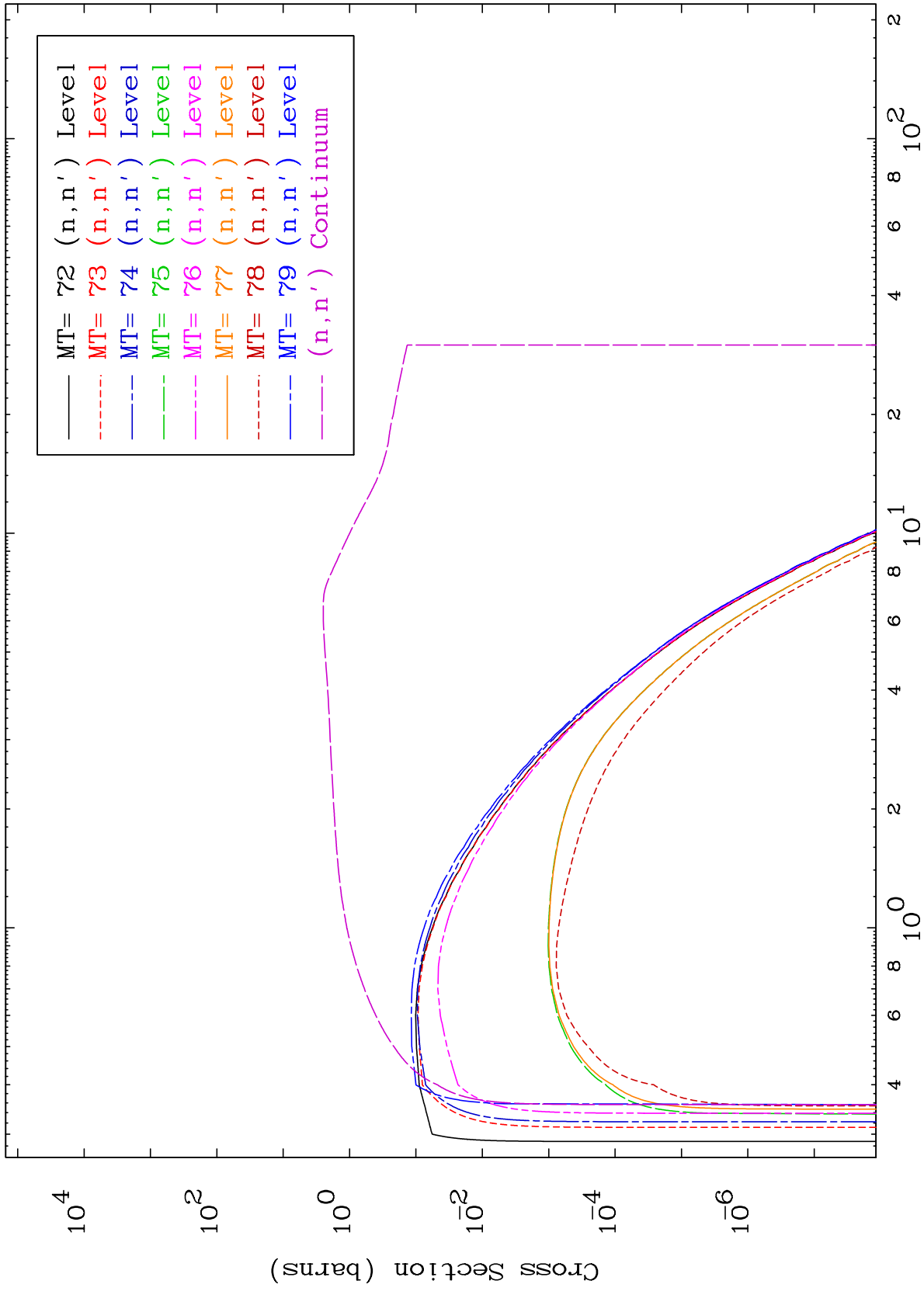
293 Kelvin Cross Sections



8

Incident Energy (MeV)

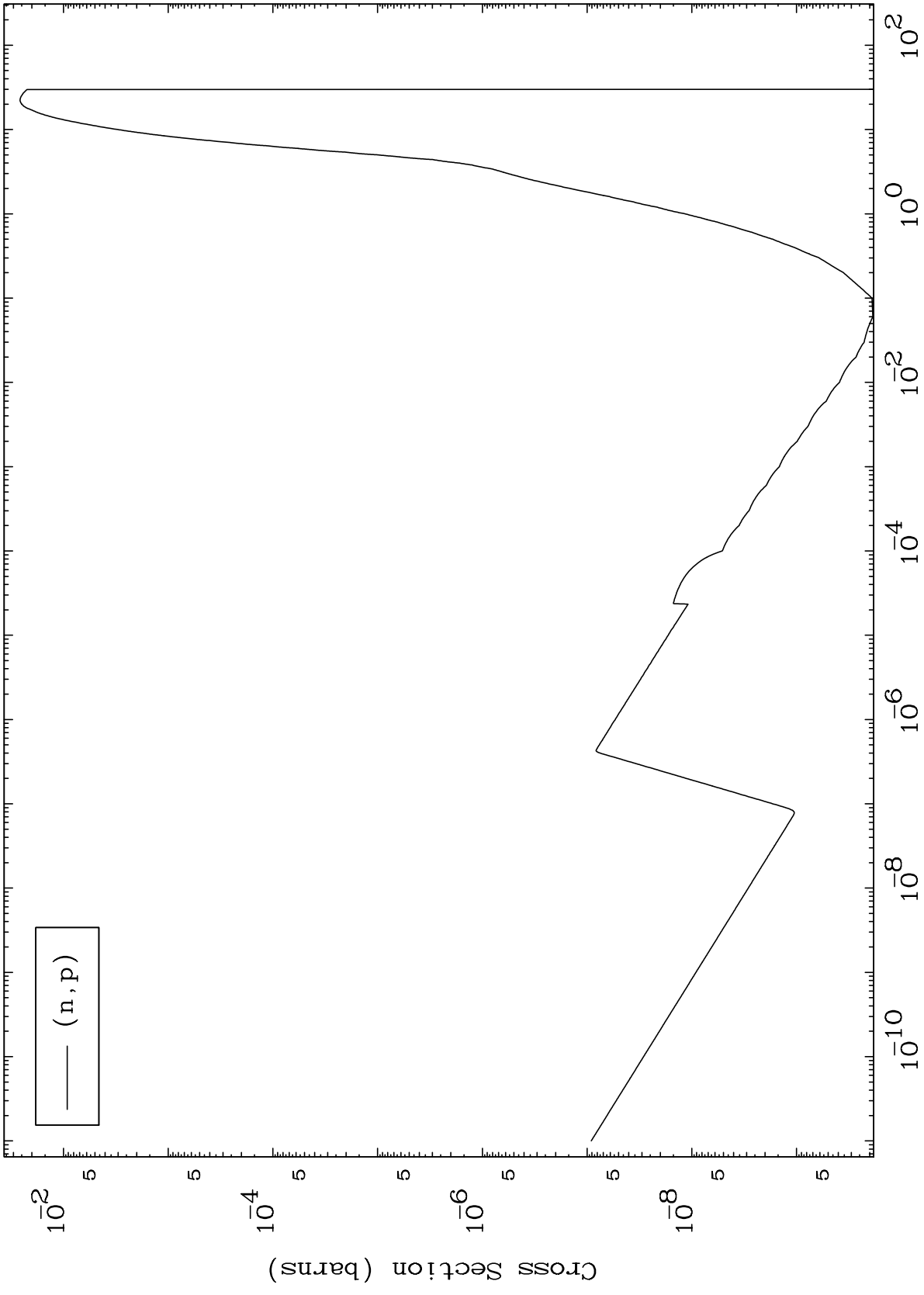
71-Lu-174



MAT 7123

(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-174



10

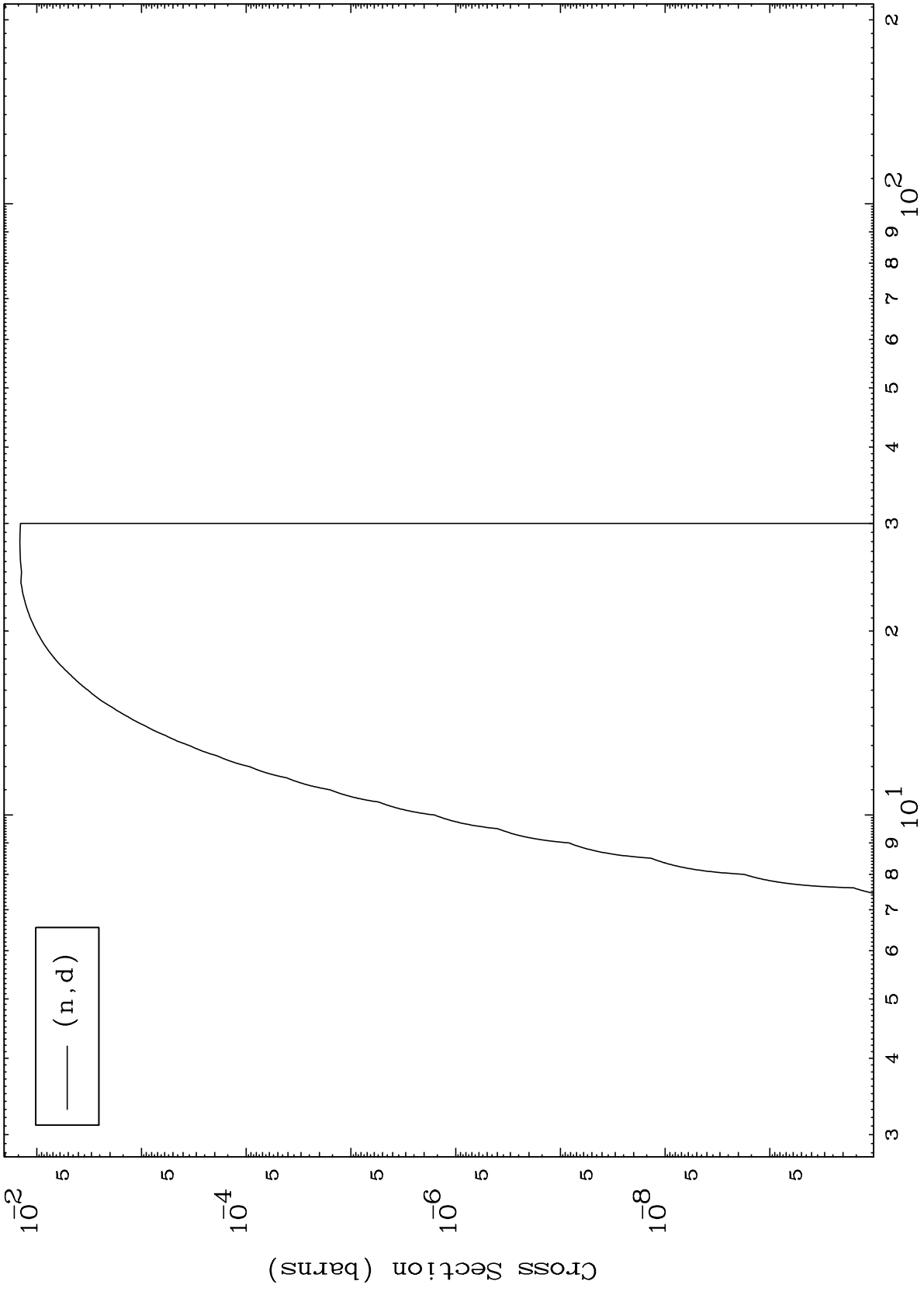
Incident Energy (MeV)

71-Lu-174

MAT 7123

(n,d) Levels  
293 Kelvin Cross Sections

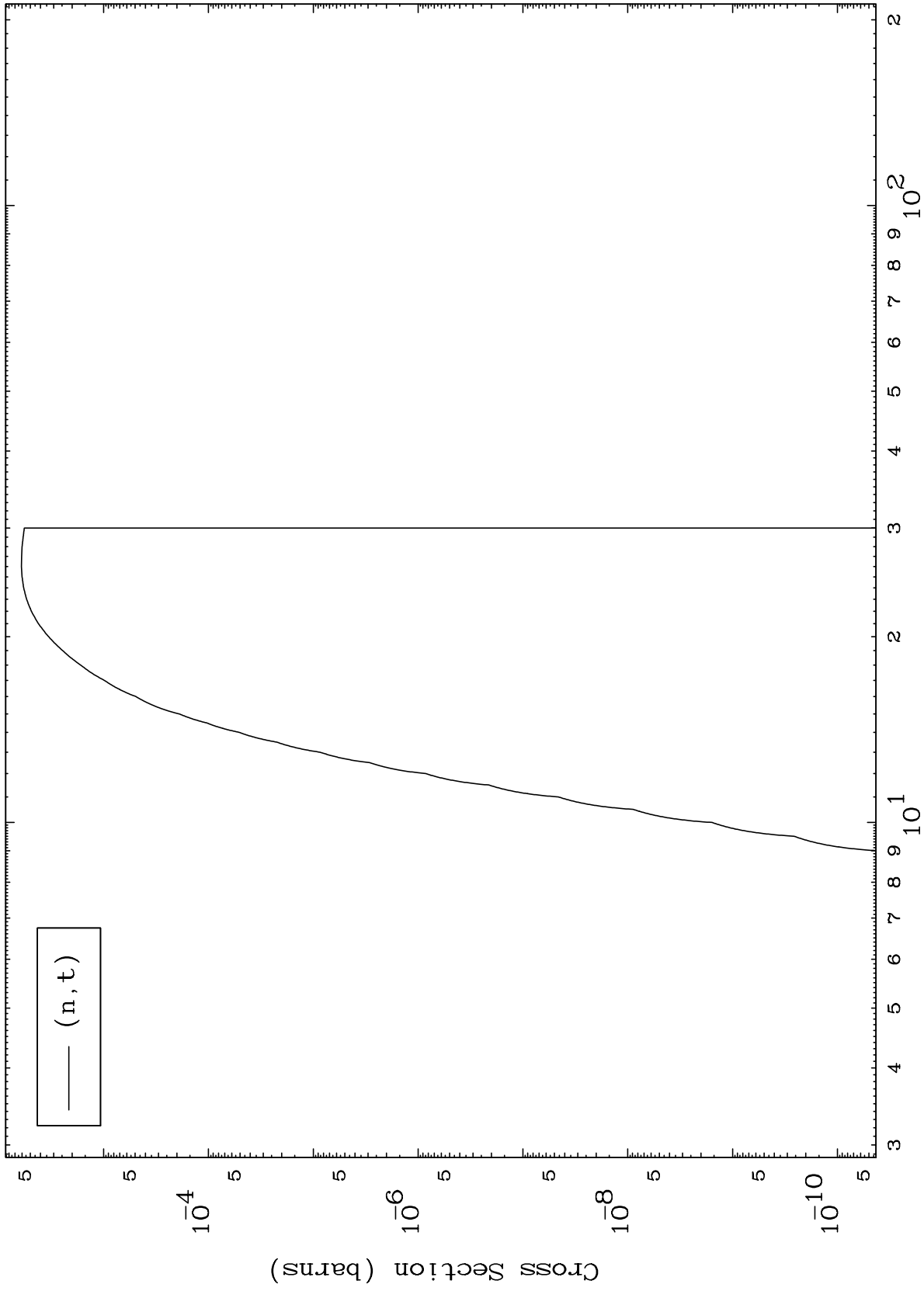
71-Lu-174



MAT 7123

(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-174



12

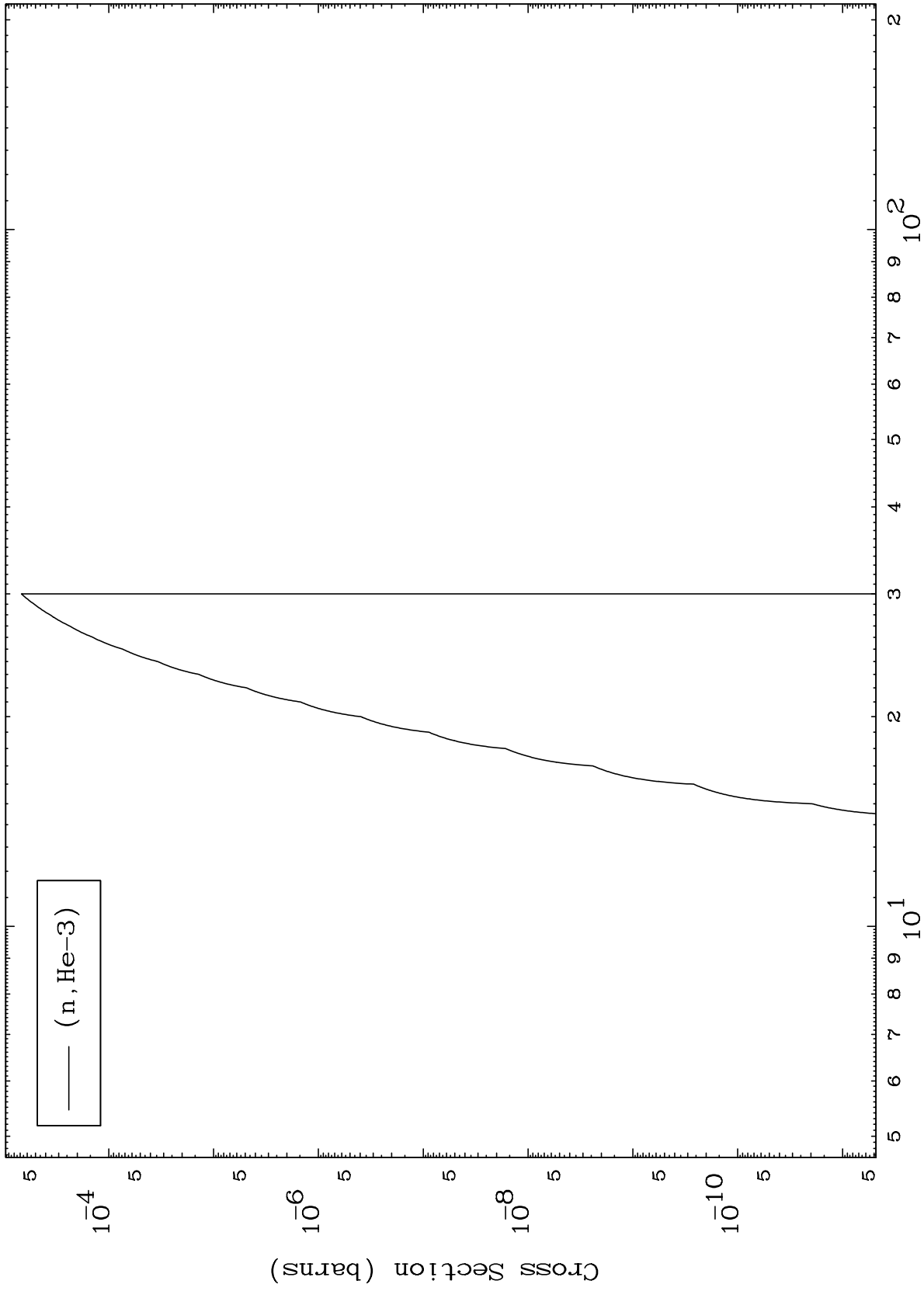
Incident Energy (MeV)

71-Lu-174

MAT 7123

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-174



13

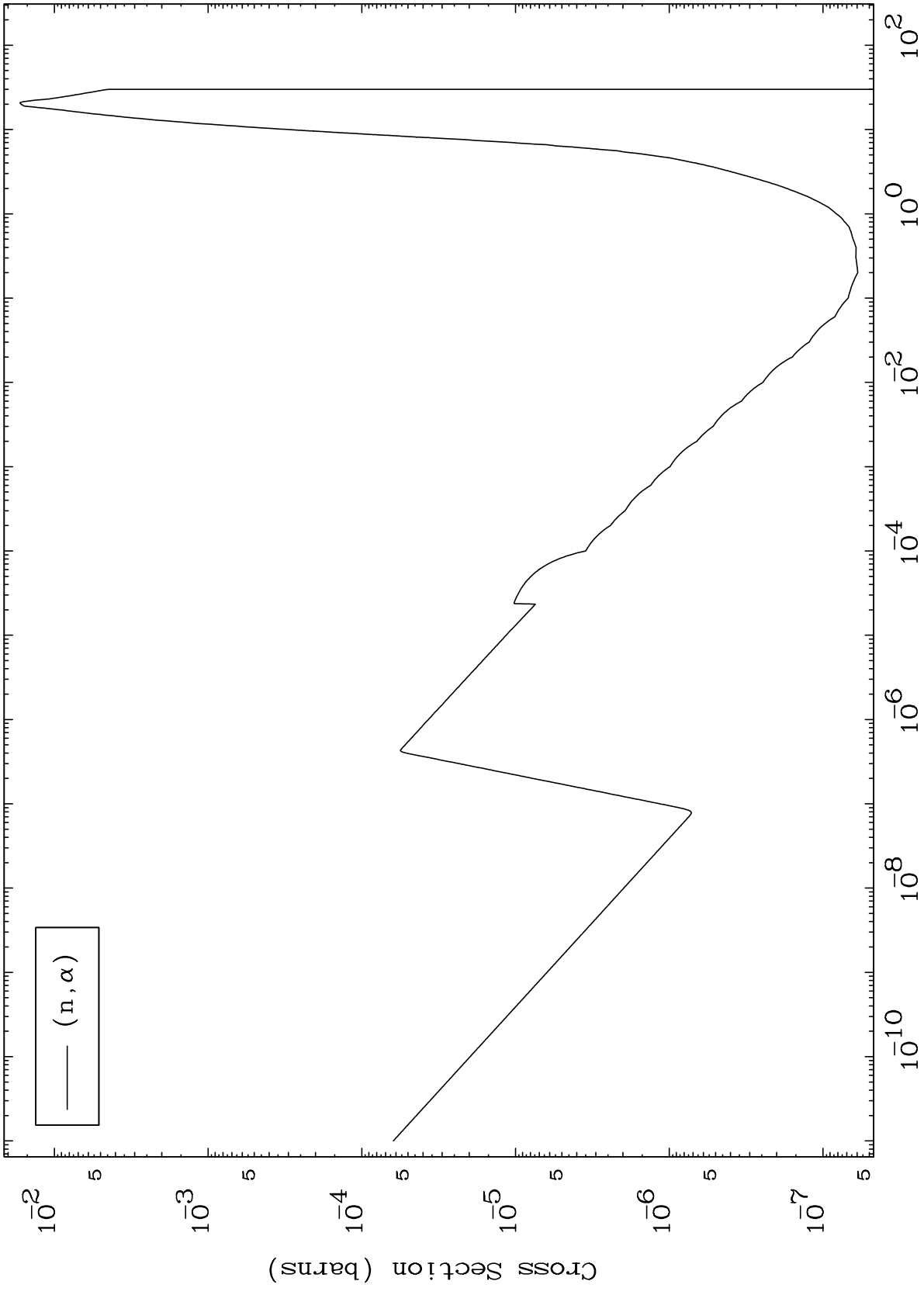
Incident Energy (MeV)

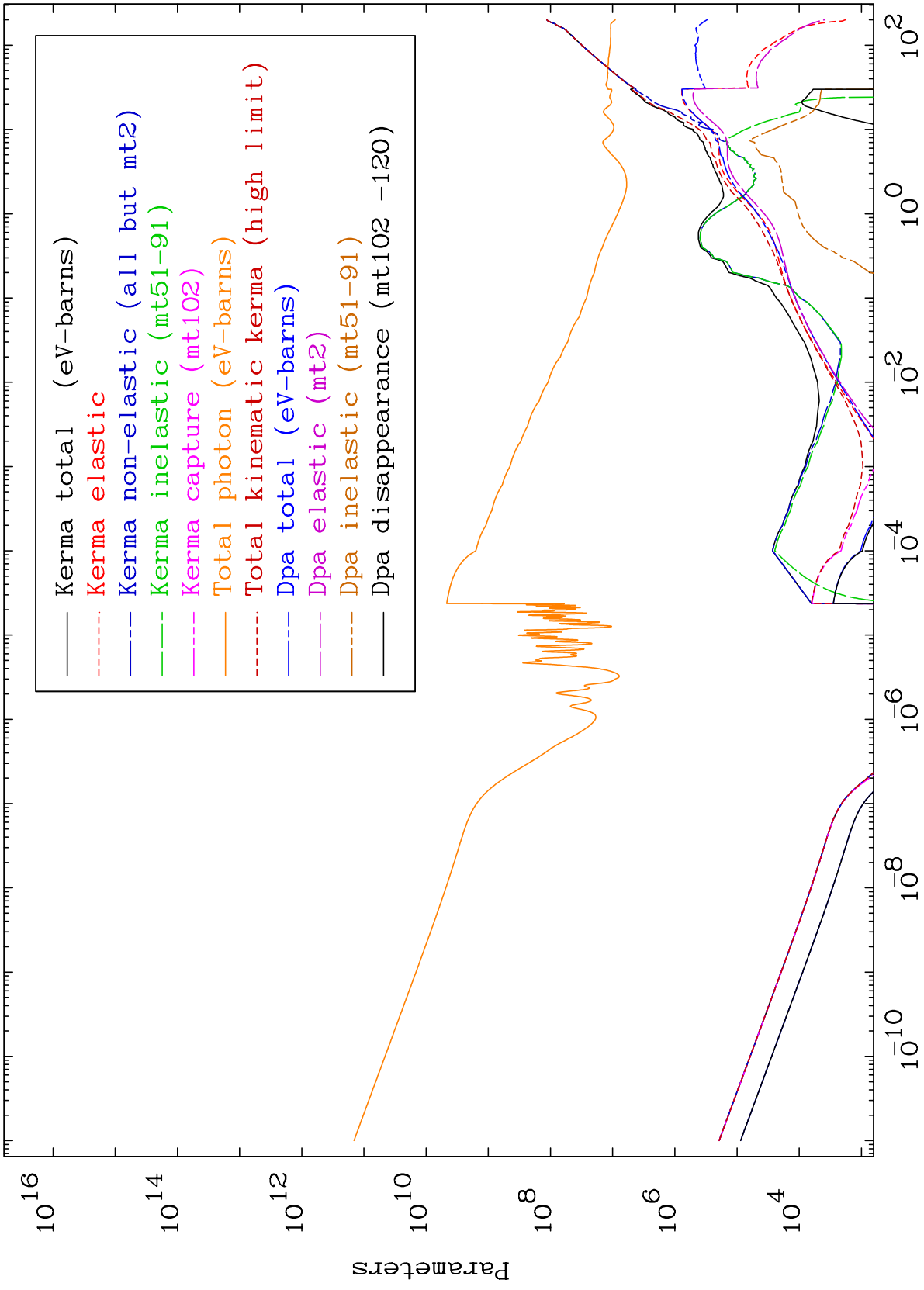
71-Lu-174

MAT 7123

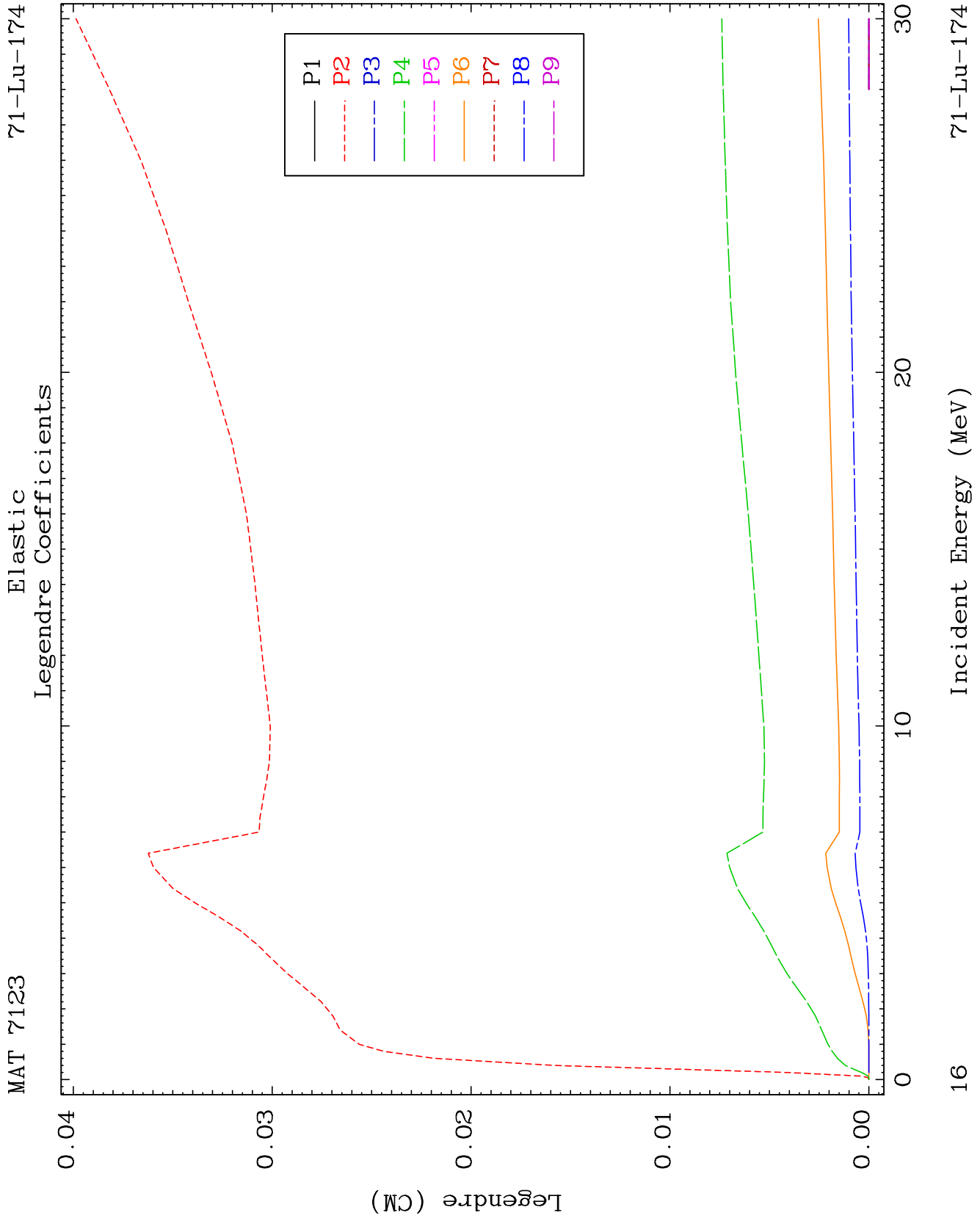
(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-174





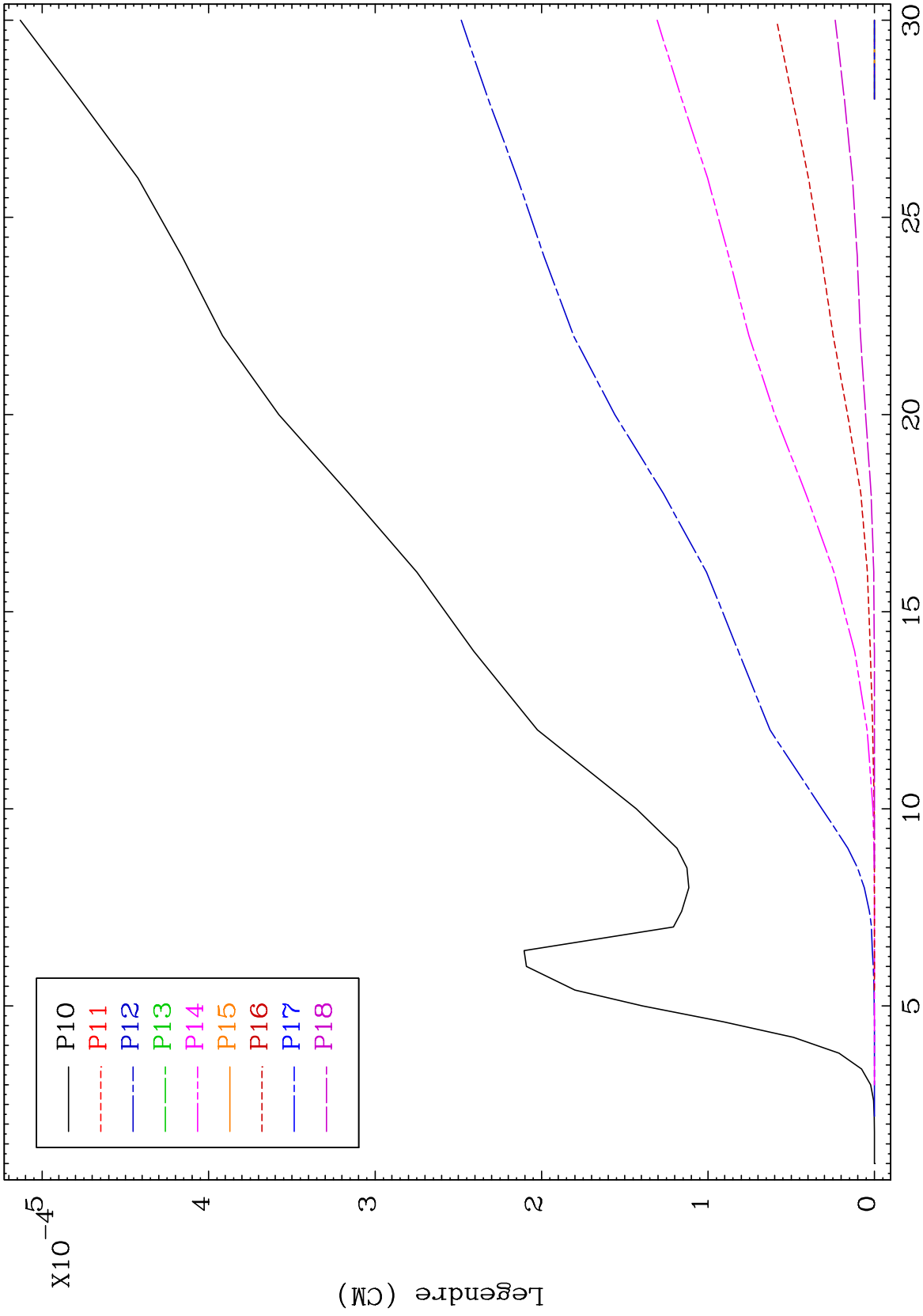




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Elastic Legendre Coefficients

71-Lu-174



17

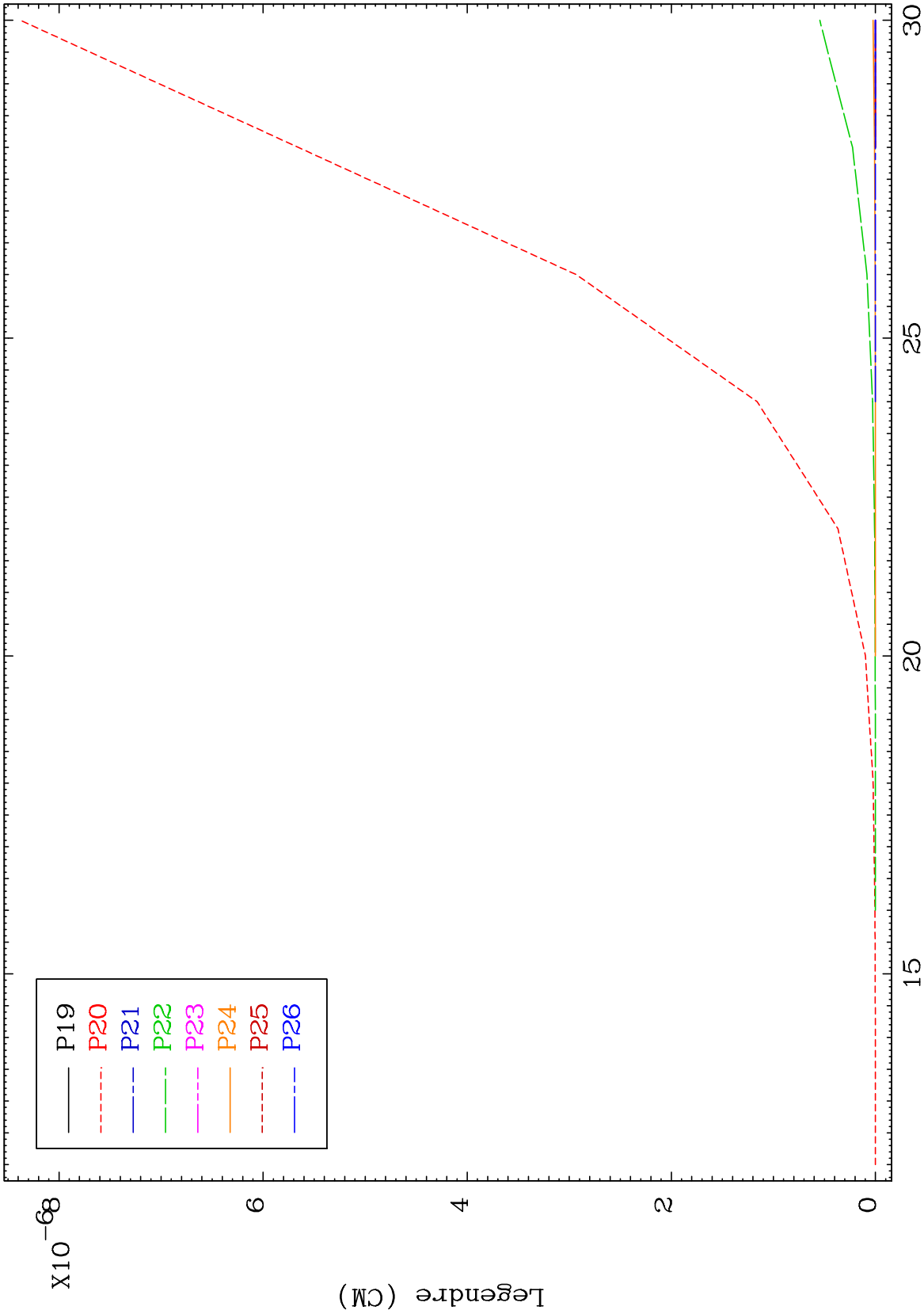
Incident Energy (MeV)

71-Lu-174

MAT 7123

Elastic Legendre Coefficients

71-Lu-174



18

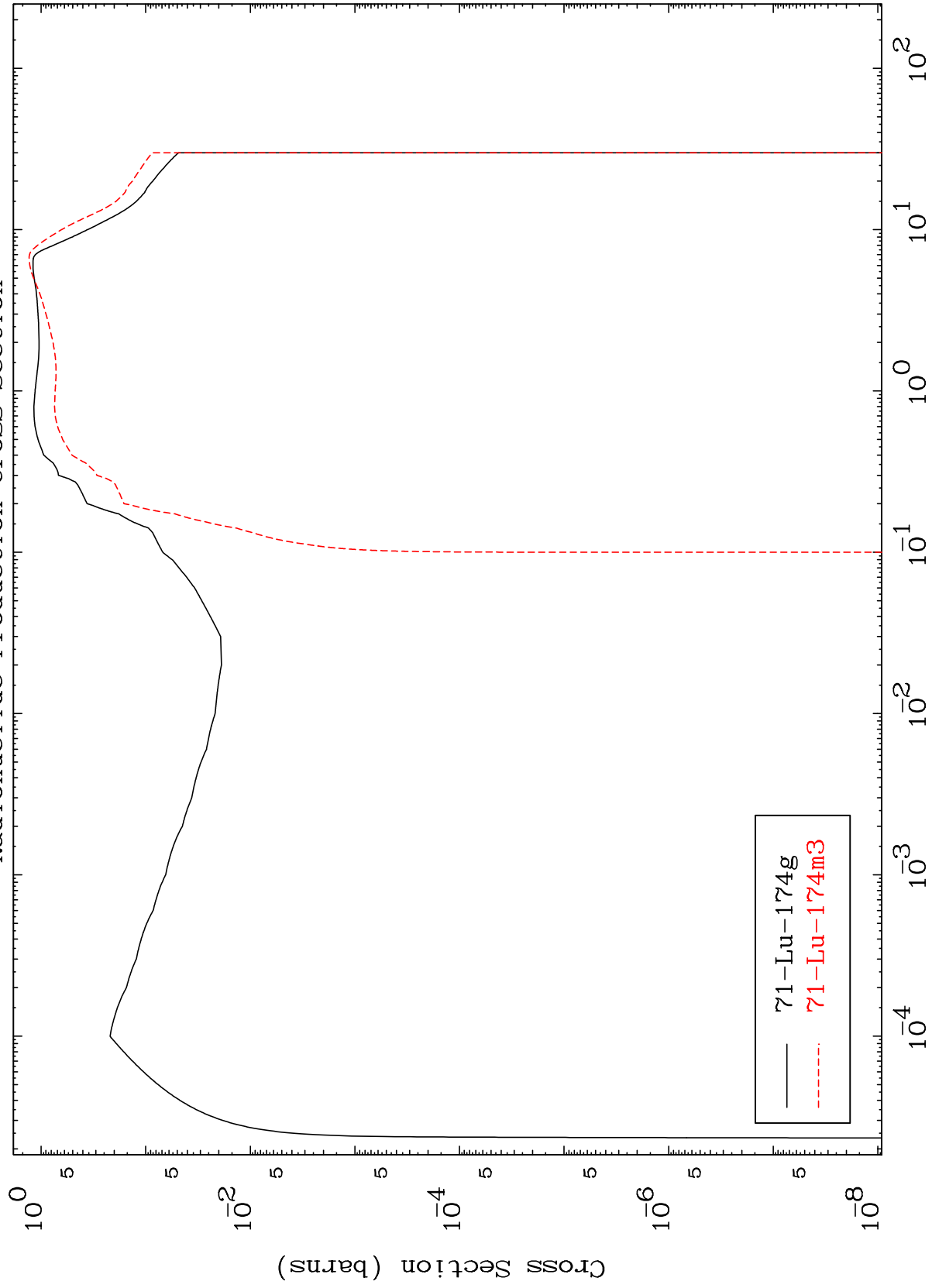
Incident Energy (MeV)

71-Lu-174

MAT 7123

71-Lu-174

Inelastic  
Radionuclide Production Cross Section

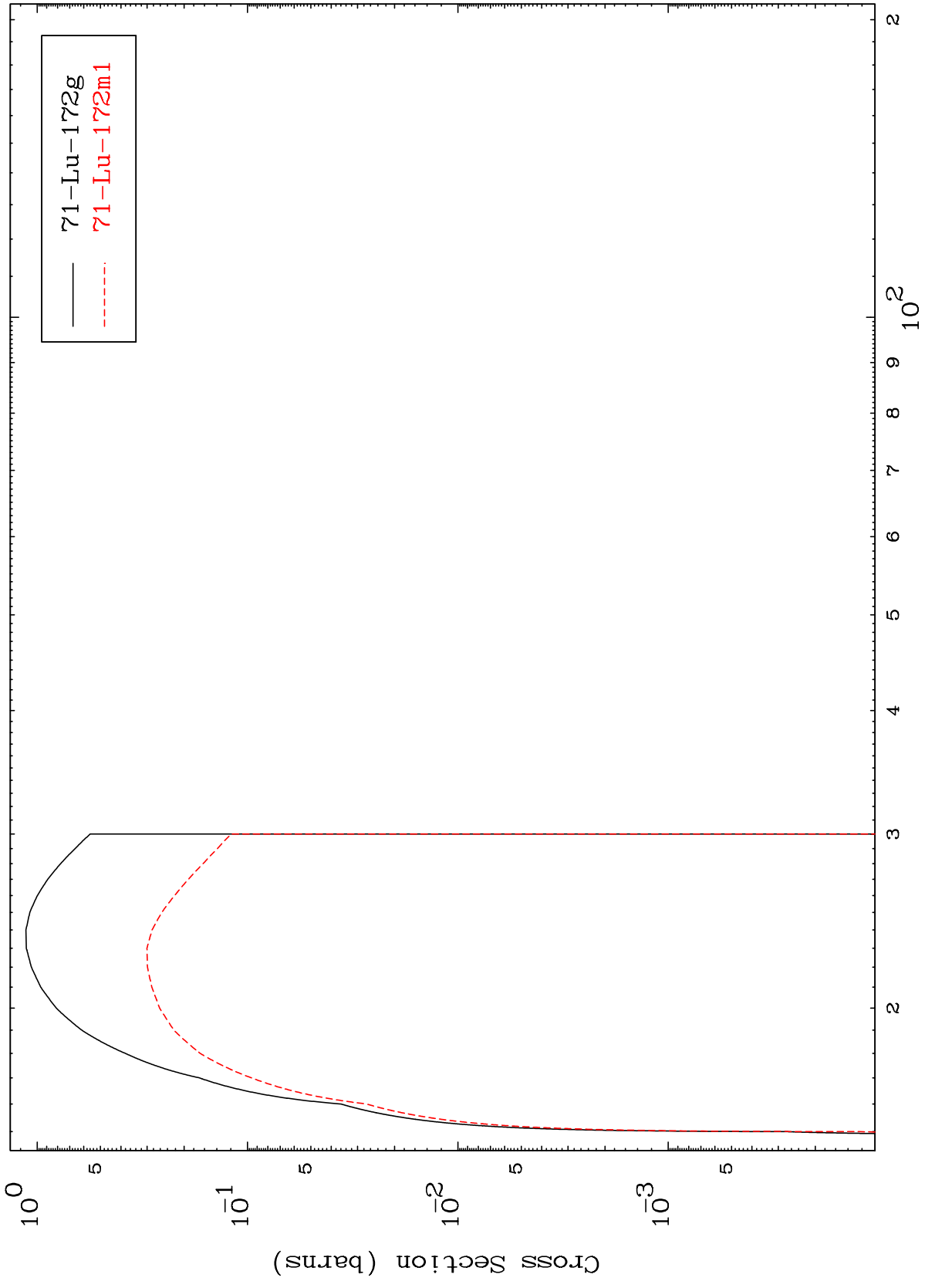


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(n,3n)

71-Lu-174

Radionuclide Production Cross Section



71-Lu-172g  
71-Lu-172m1

20

Incident Energy (MeV)

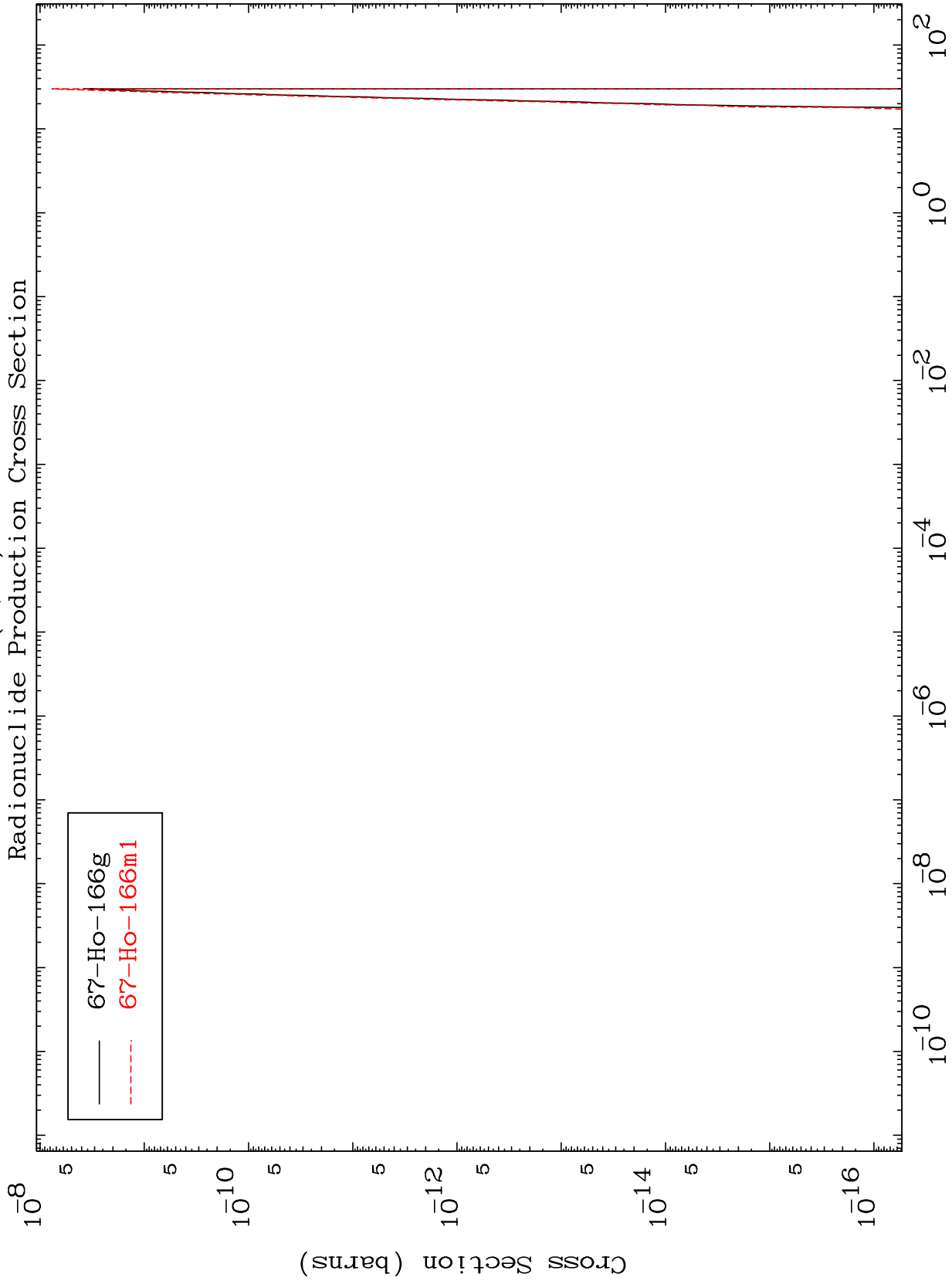
71-Lu-174

MAT 7123

(n,n') 2 $\alpha$

71-Lu-174

Radionuclide Production Cross Section



21

Incident Energy (MeV)

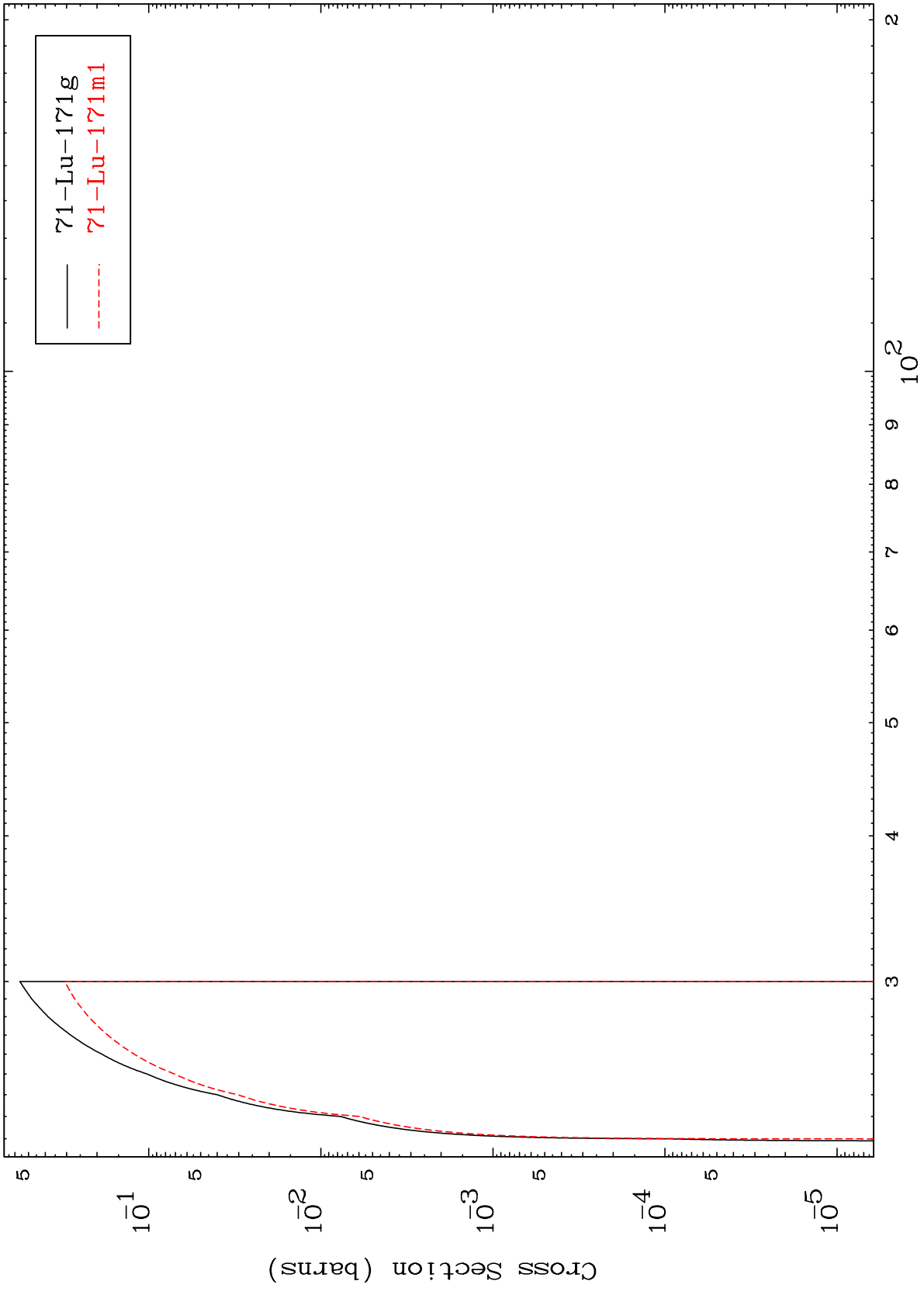
71-Lu-174

MAT 7123

(n,4n)

71-Lu-174

Radionuclide Production Cross Section



71-Lu-171g  
71-Lu-171m1

22

Incident Energy (MeV)

71-Lu-174