

Program EVALPLOT  
(Version 2018-1)

by

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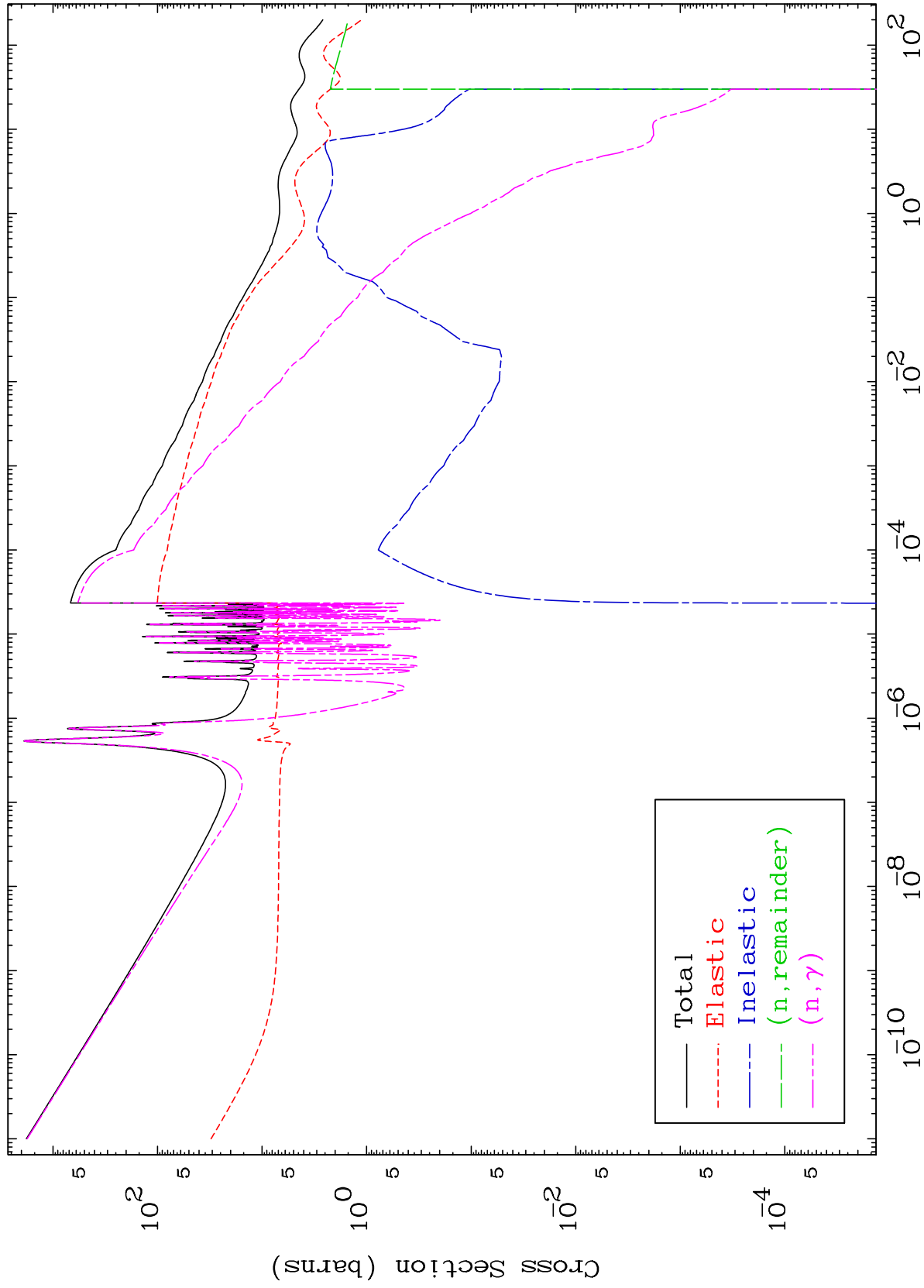
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7117

Major  
293 Kelvin Cross Sections

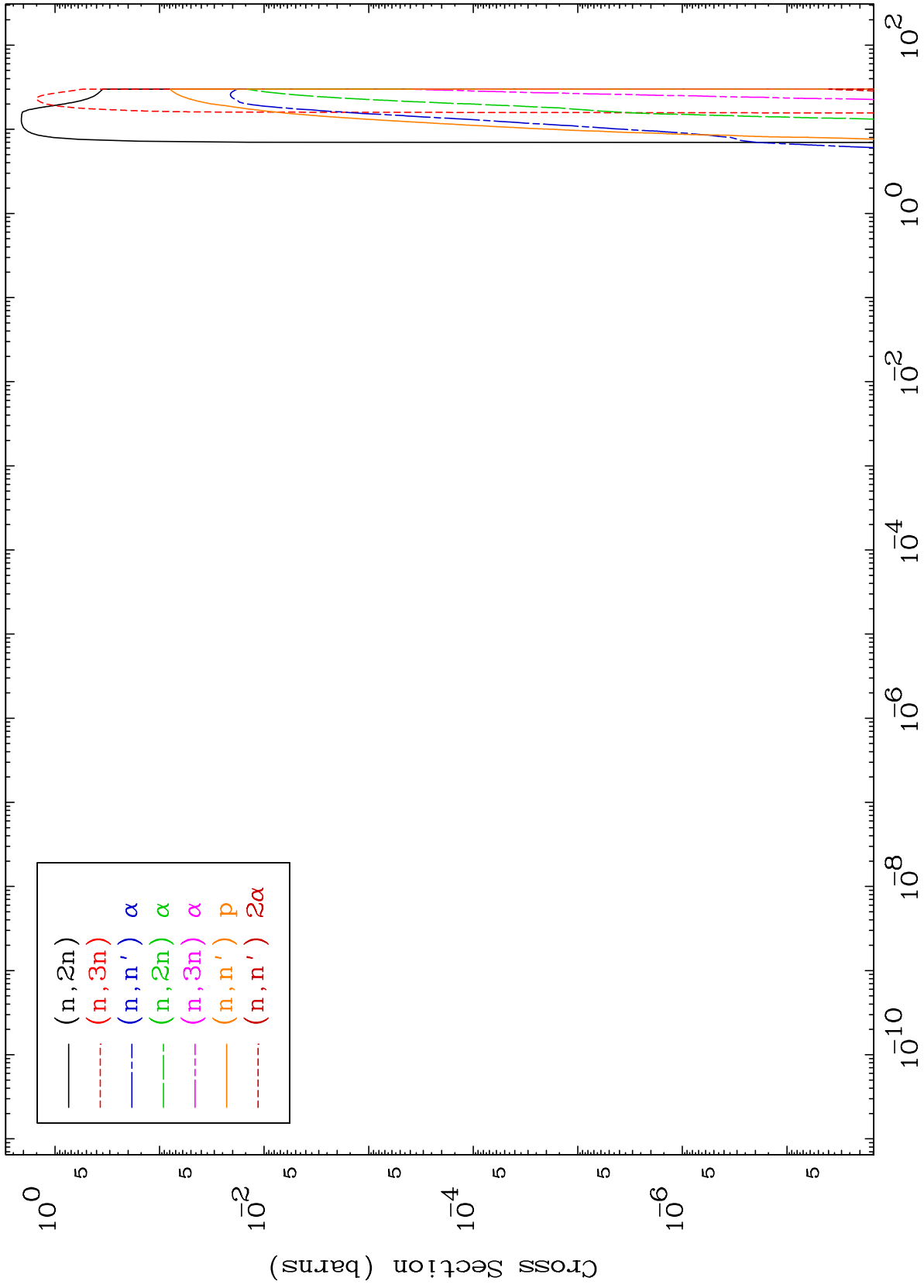
71-Lu-172



MAT 7117

Neutron Production  
293 Kelvin Cross Sections

71-Lu-172

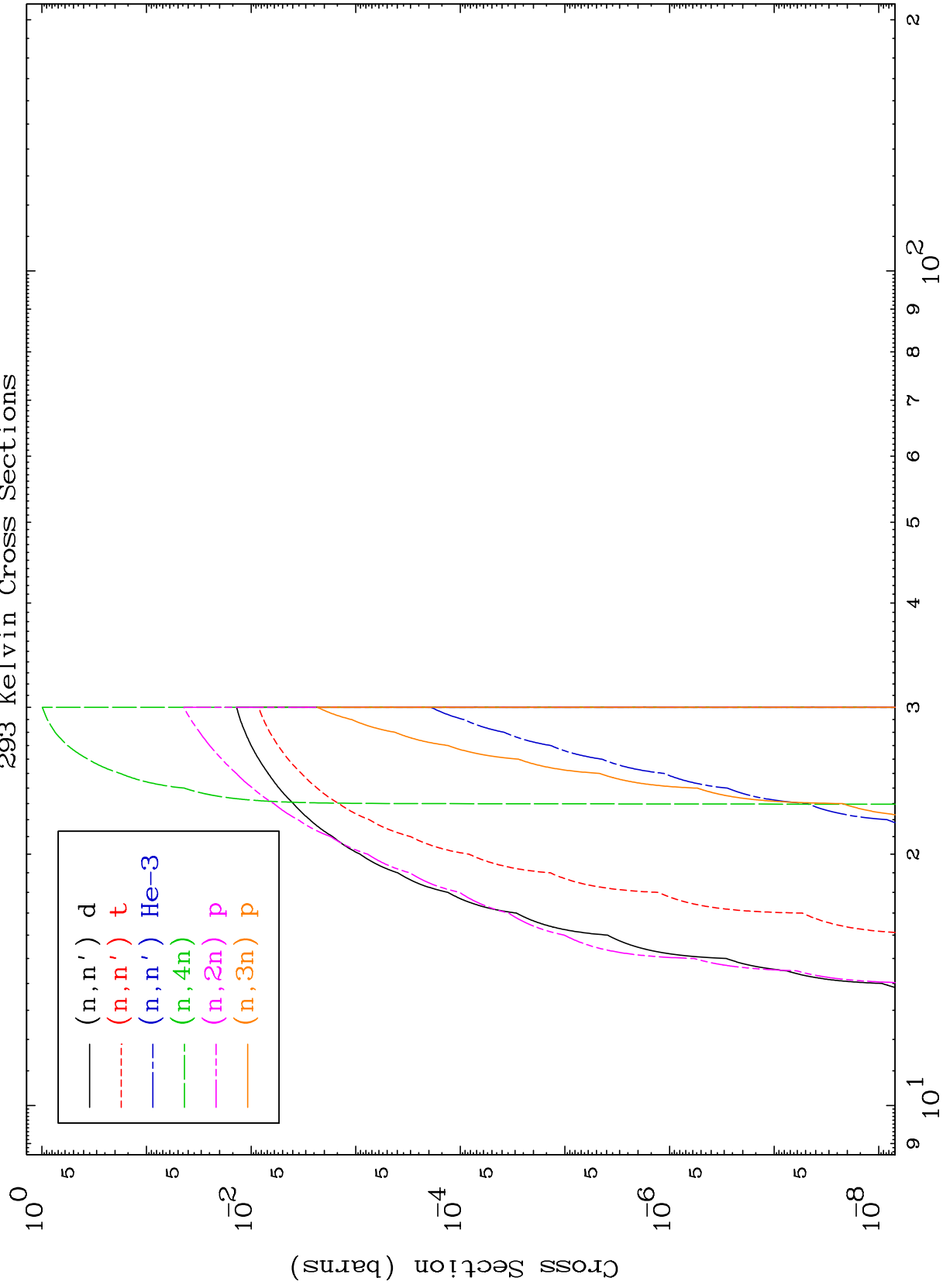


71-Lu-172

MAT 7117

Neutron Production  
293 Kelvin Cross Sections

71-Lu-172



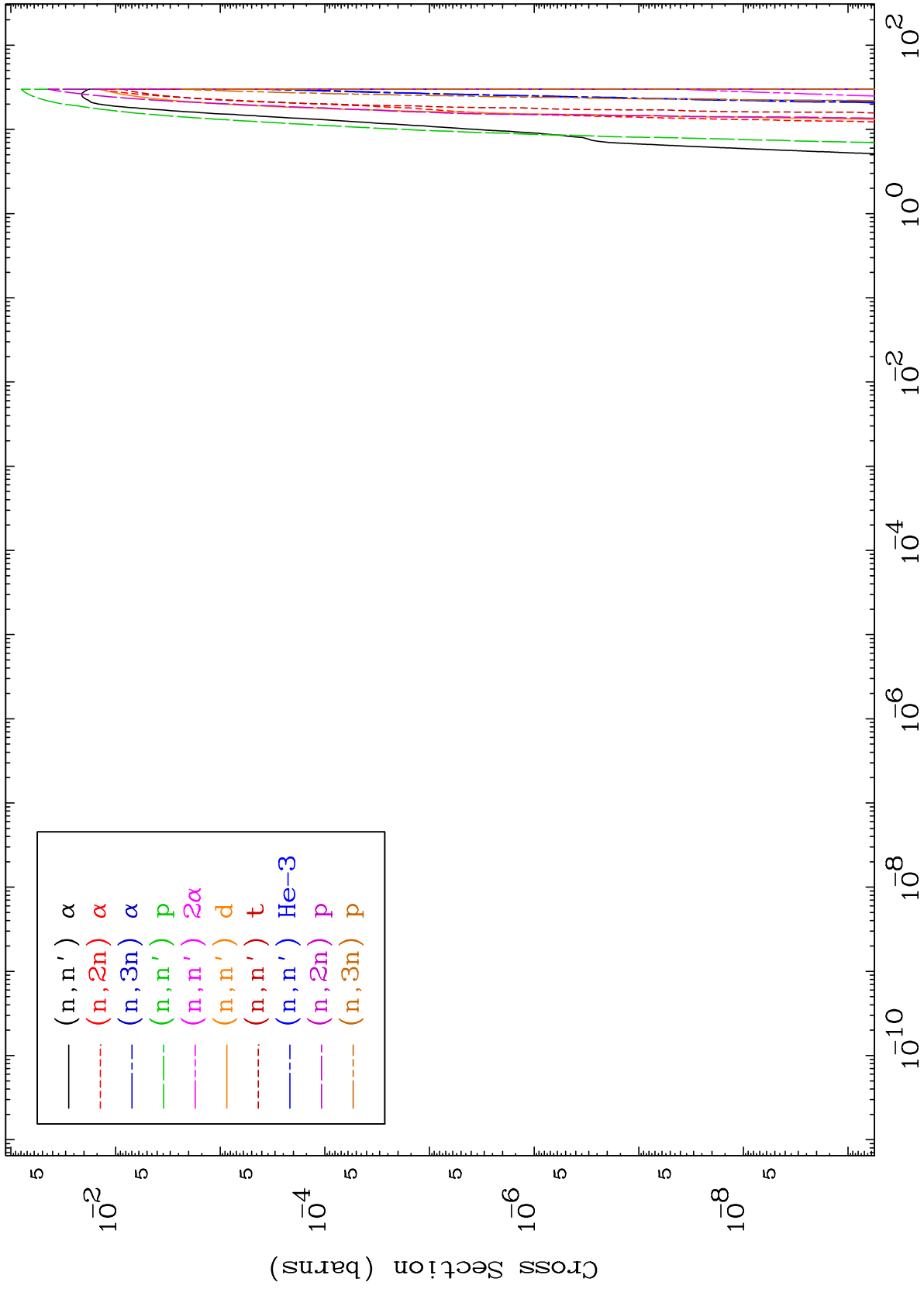
Incident Energy (MeV)

71-Lu-172

MAT 7117

Charged Particle  
293 Kelvin Cross Sections

71-Lu-172

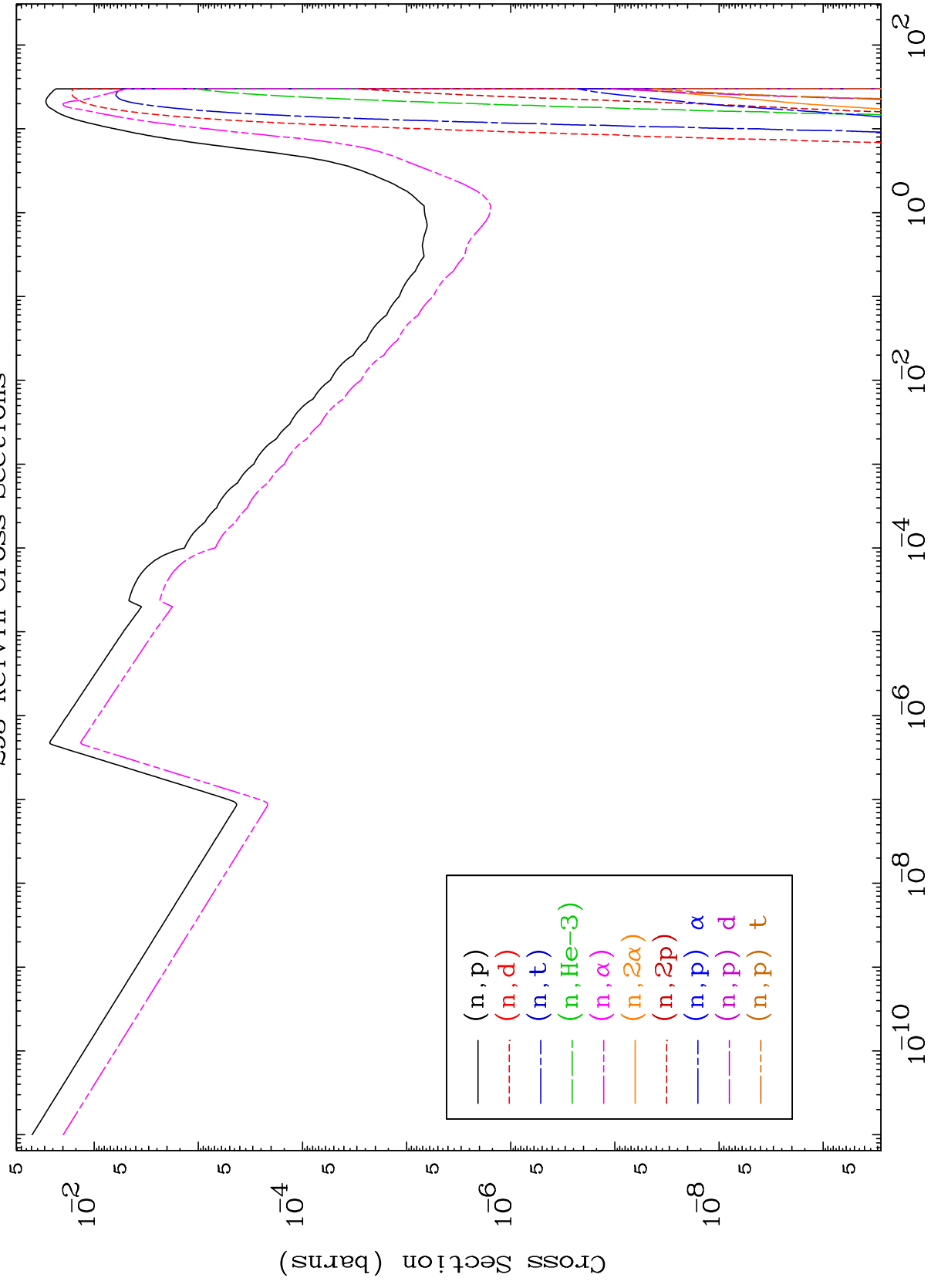


71-Lu-172

MAT 7117

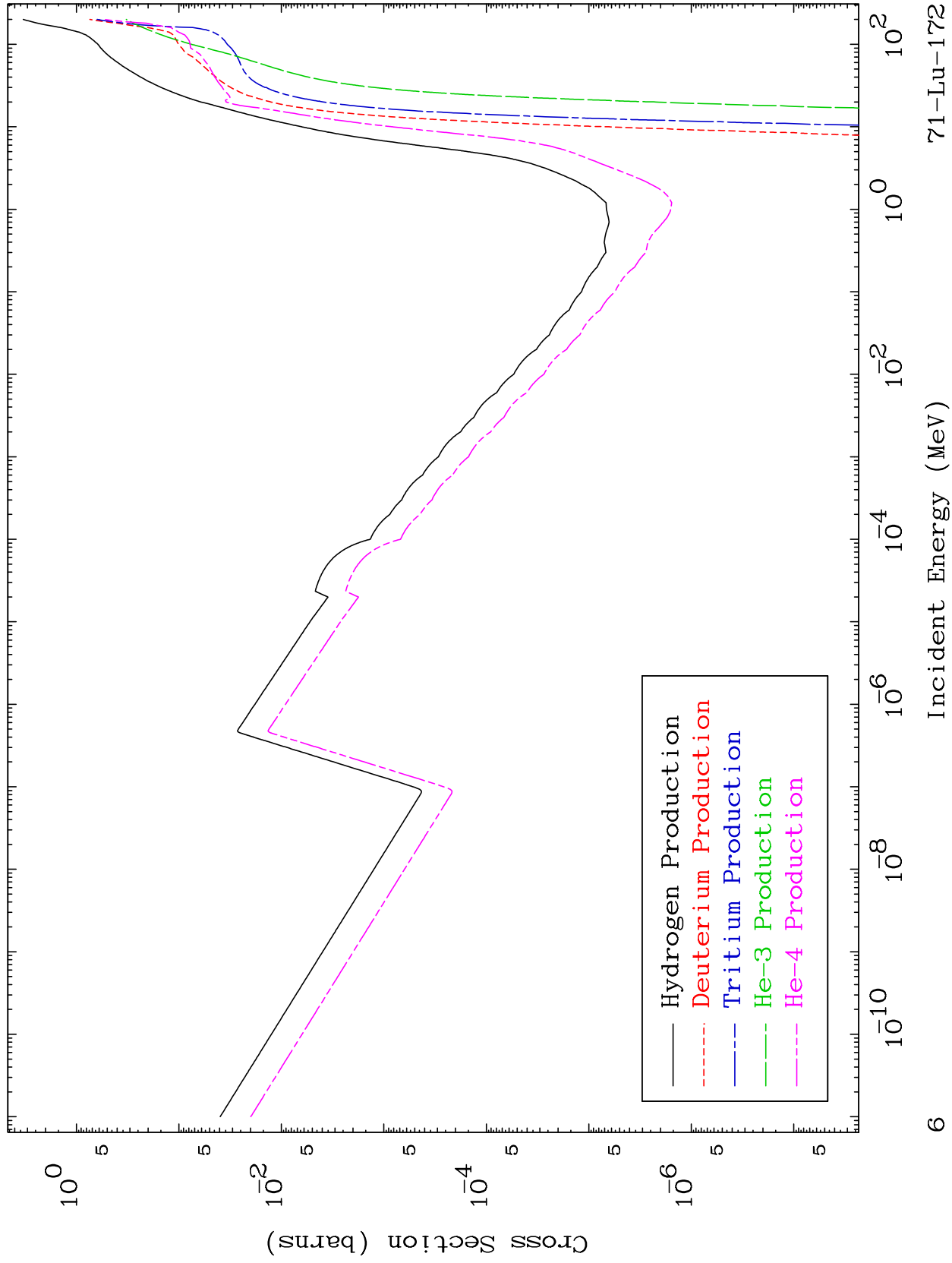
293 Kelvin Cross Sections

71-Lu-172



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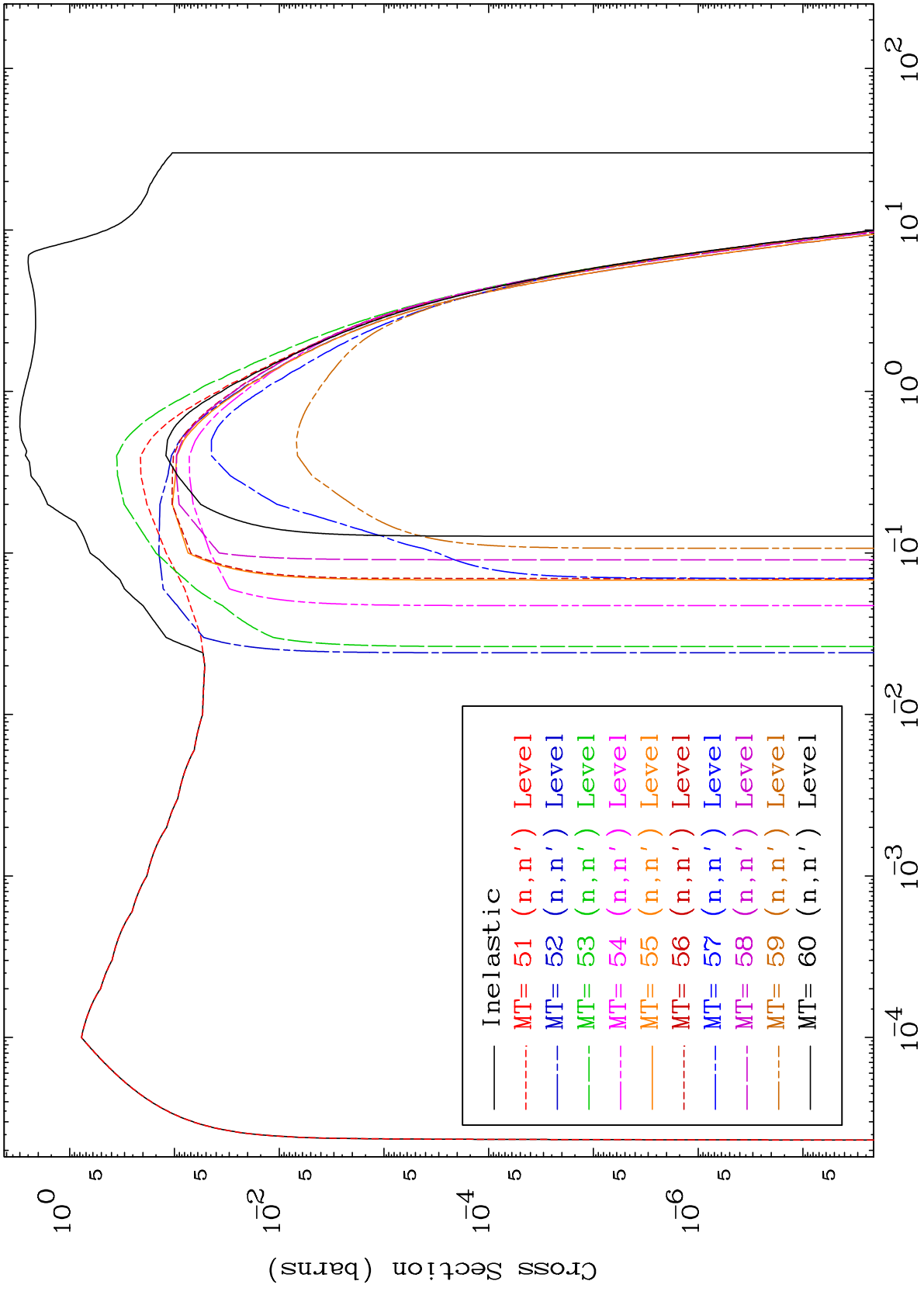
71-Lu-172



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293 Kelvin Cross Sections  
(n, n') Level

71-Lu-172



71-Lu-172

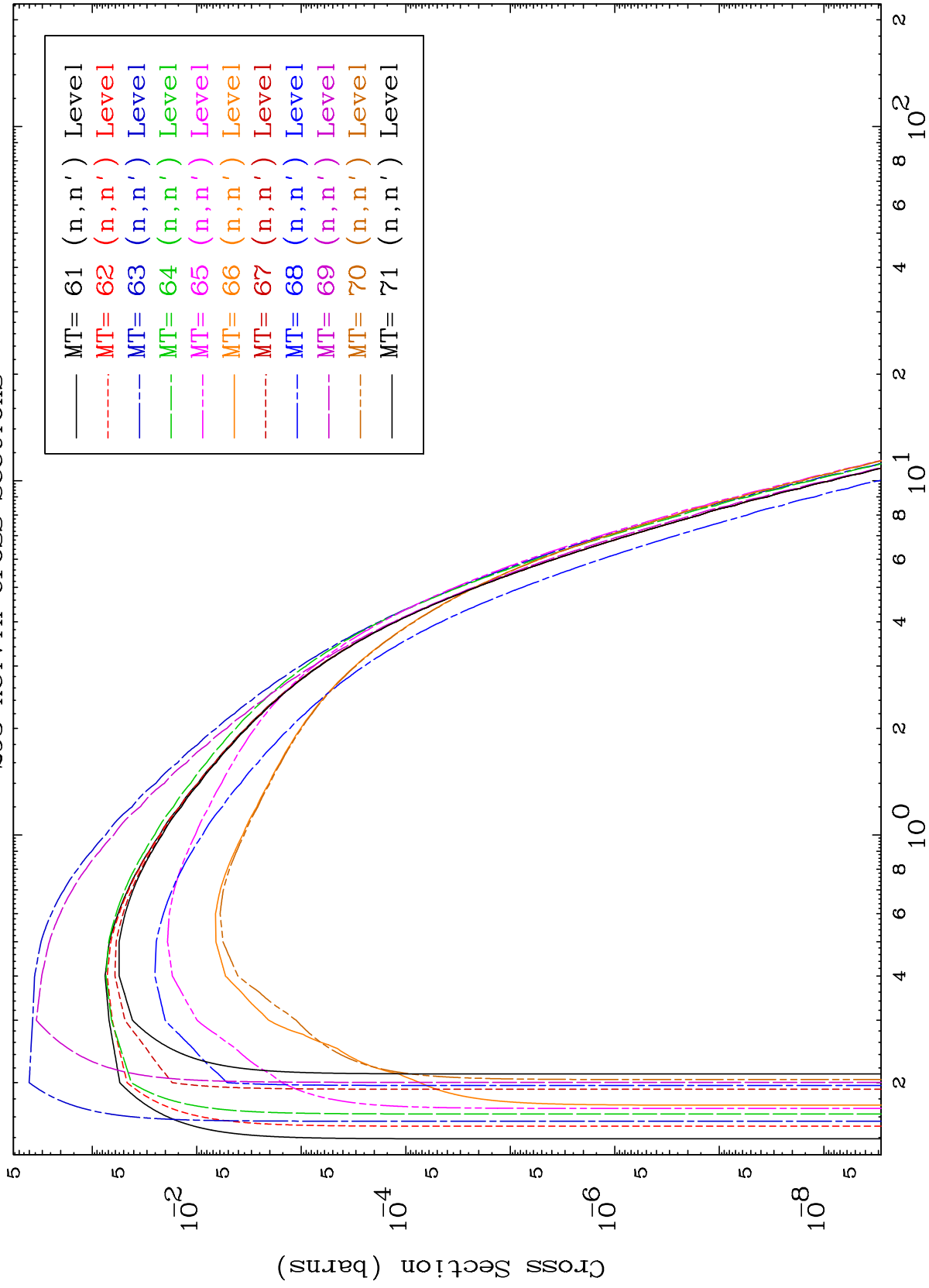


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(n,n') Level

71-Lu-172

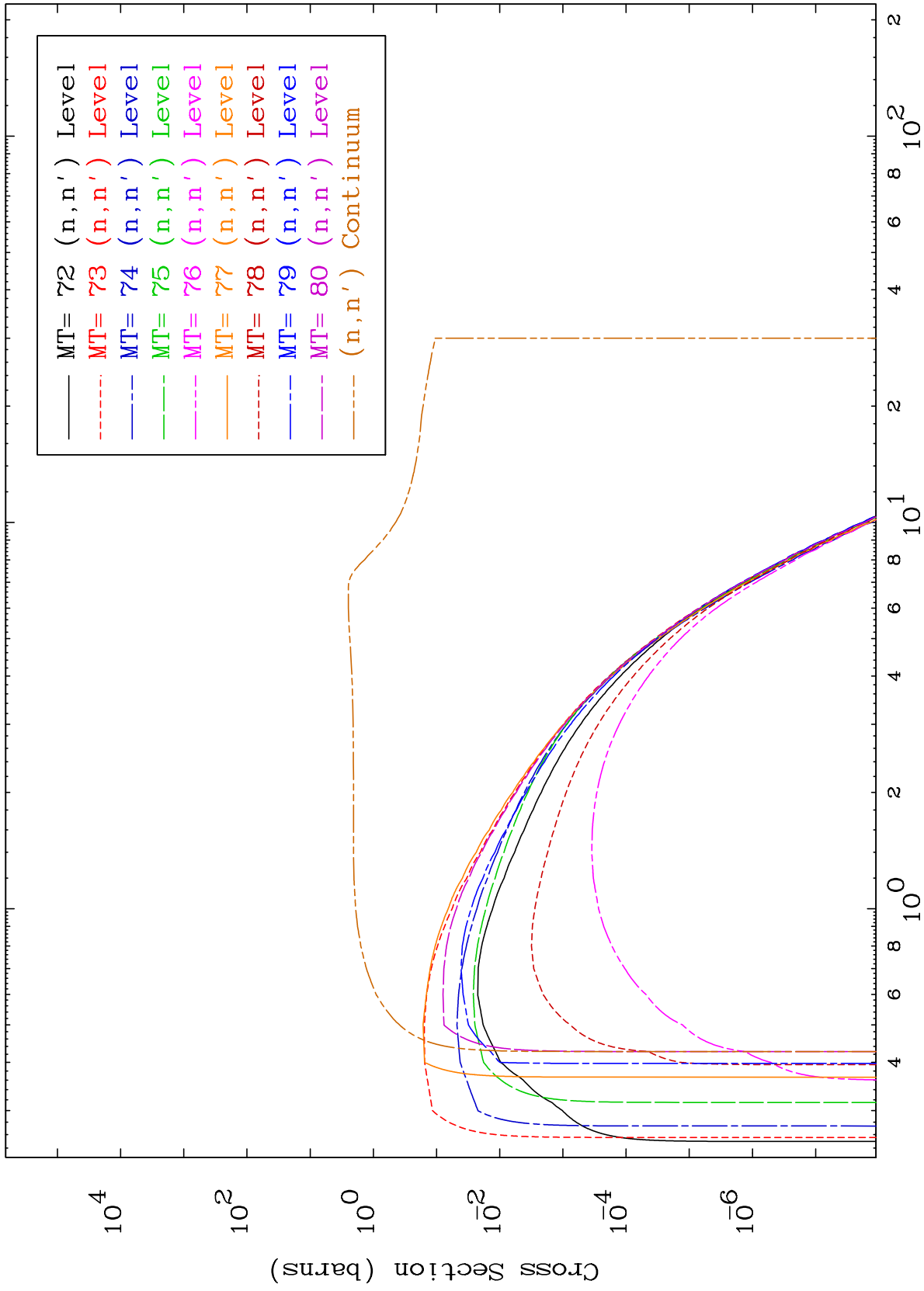
293 Kelvin Cross Sections



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Incident Energy (MeV)

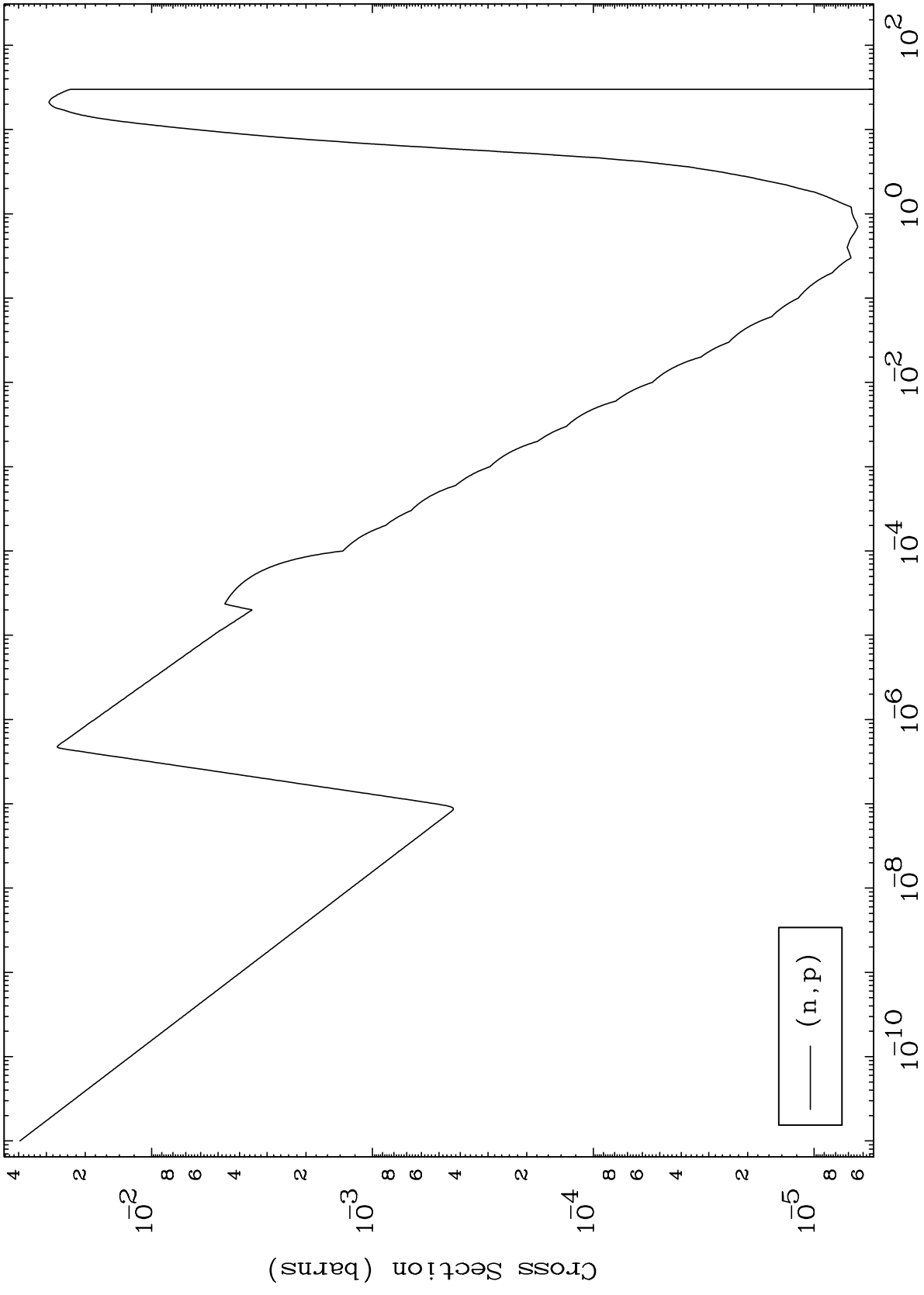
71-Lu-172



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(n,p) Levels  
293 Kelvin Cross Sections

71-Lu-172



10

Incident Energy (MeV)

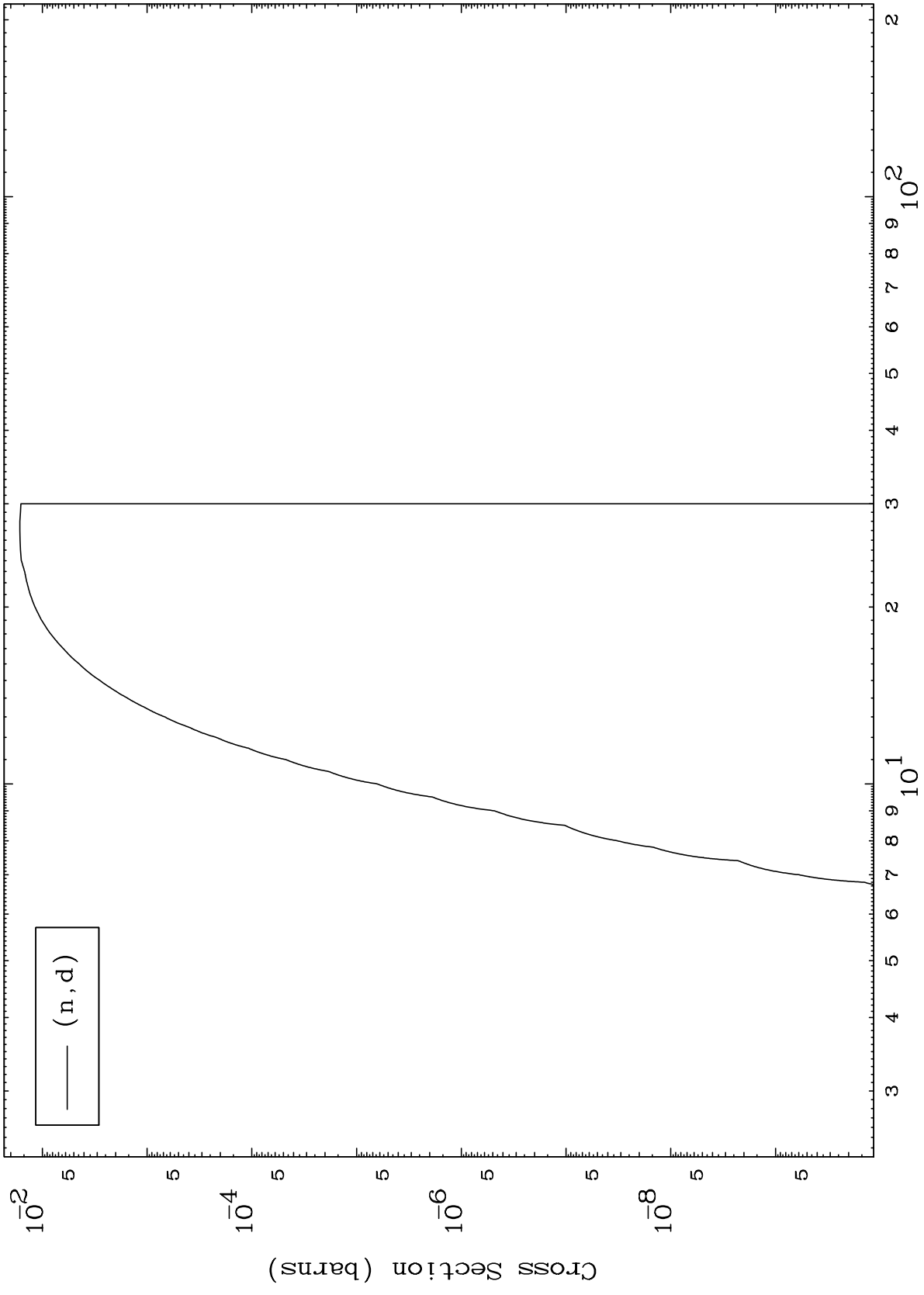
71-Lu-172

— (n, p)

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(n,d) Levels  
293 Kelvin Cross Sections

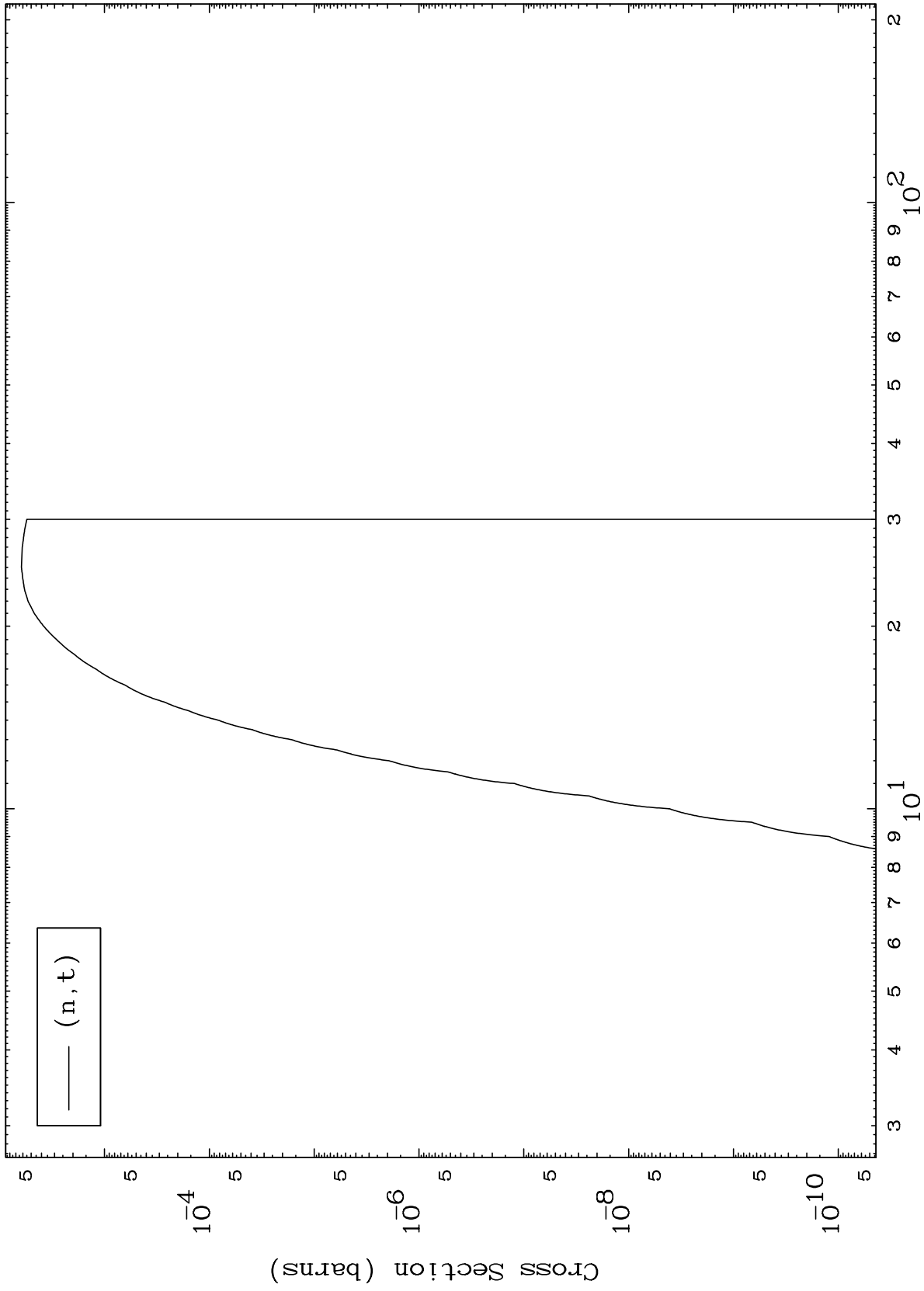
71-Lu-172



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(n,t) Levels  
293 Kelvin Cross Sections

71-Lu-172



12

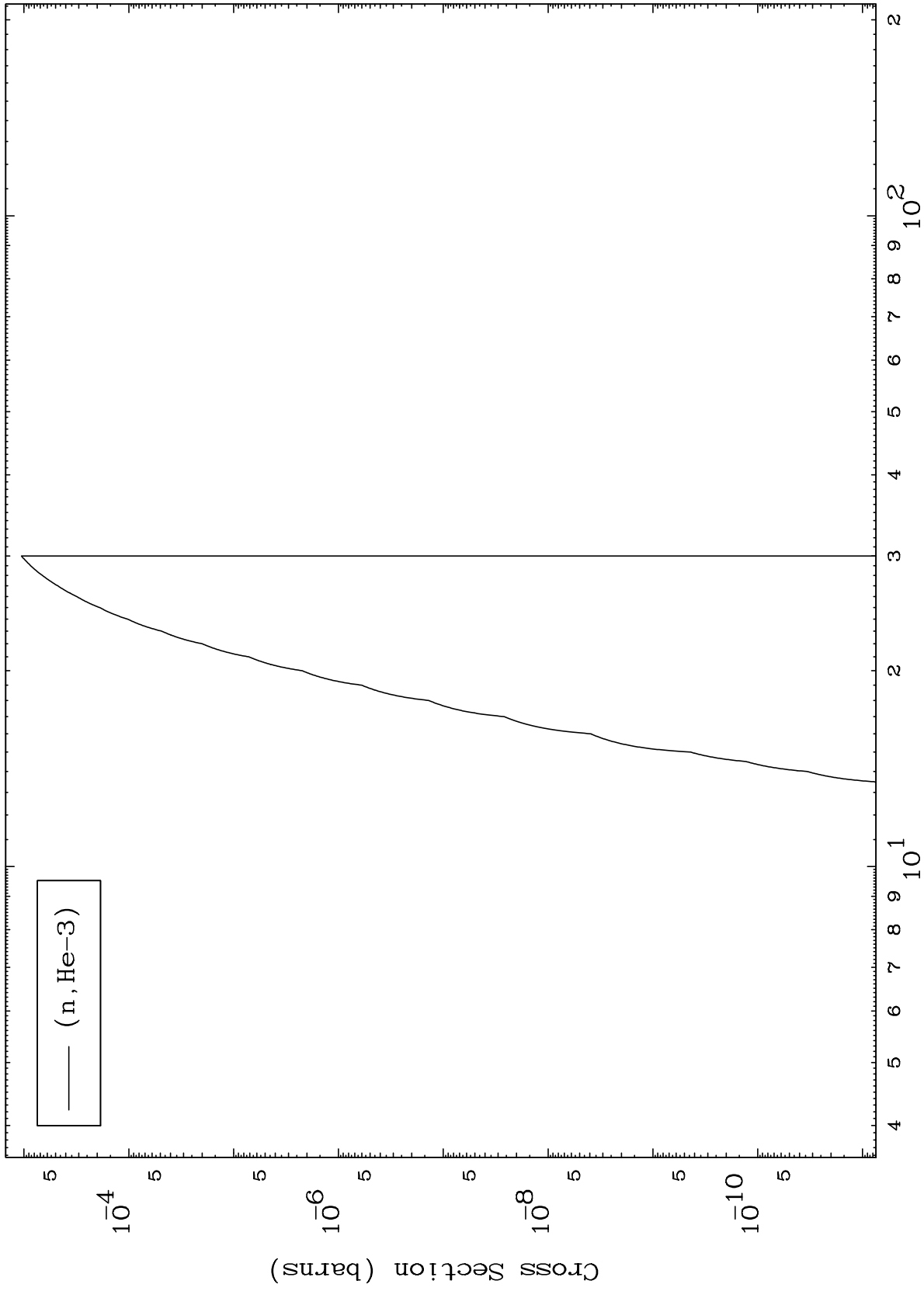
Incident Energy (MeV)

71-Lu-172

MAT 7117

(n,He3) Levels  
293 Kelvin Cross Sections

71-Lu-172



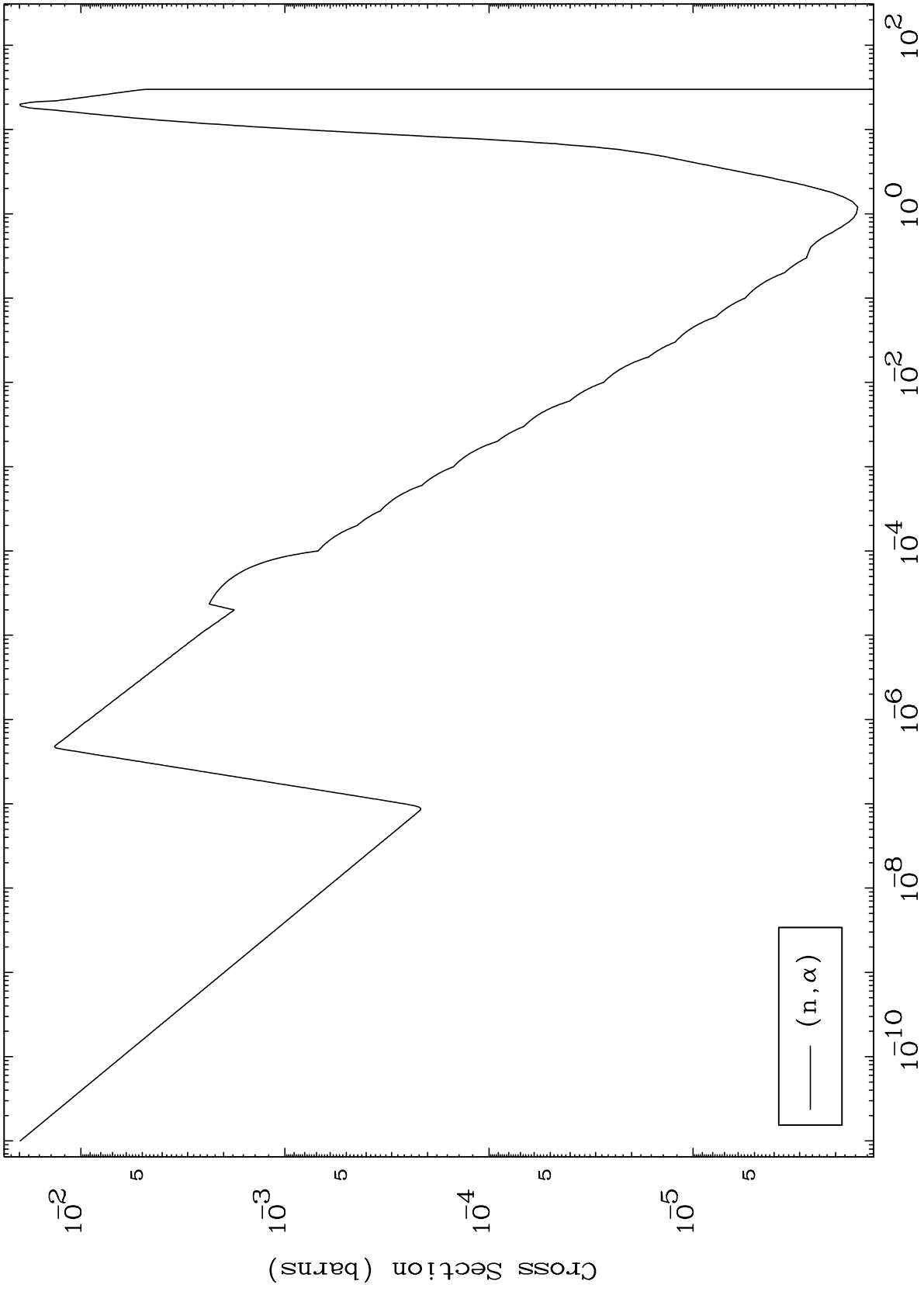
13

71-Lu-172

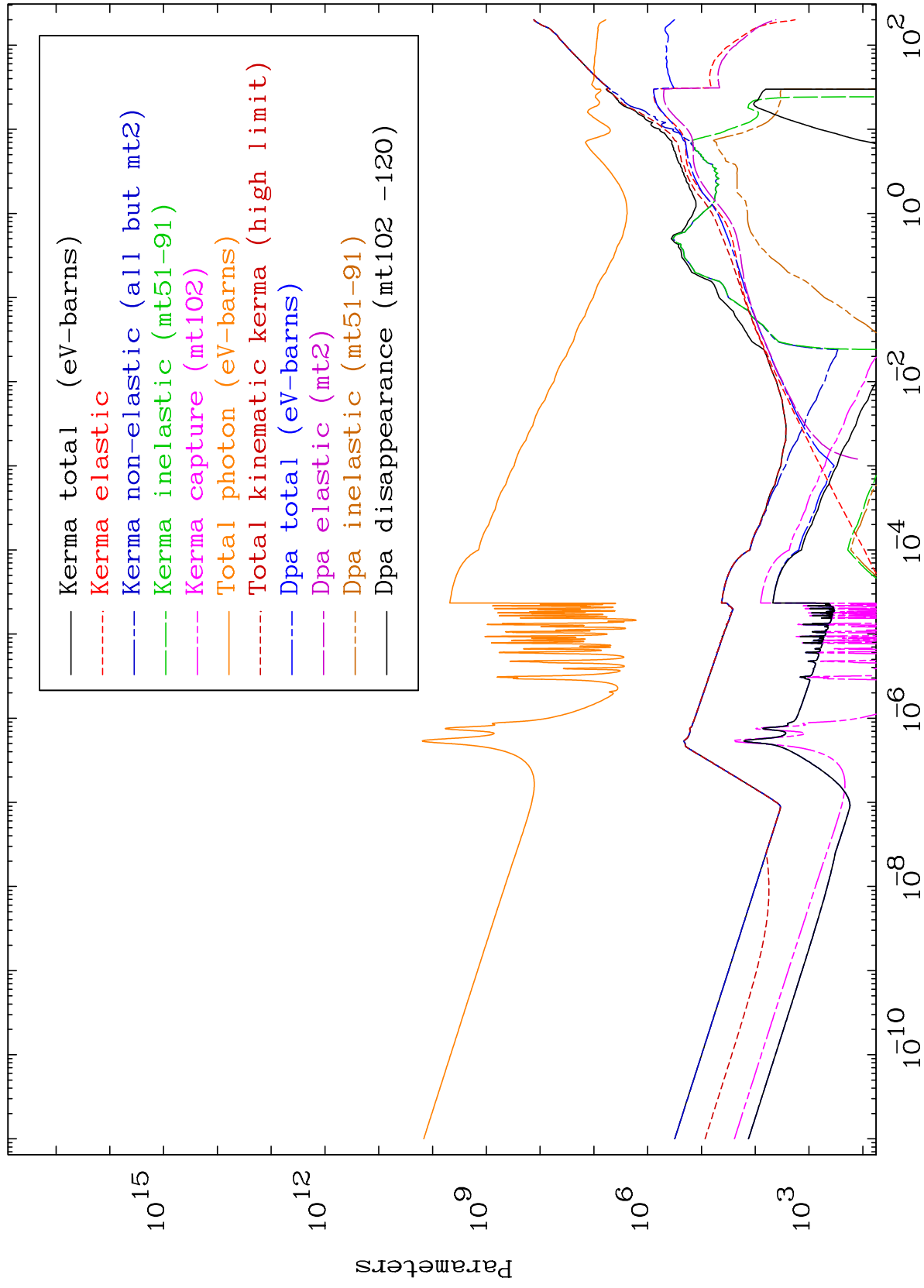
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(n,α) Levels  
293 Kelvin Cross Sections

71-Lu-172



71-Lu-172

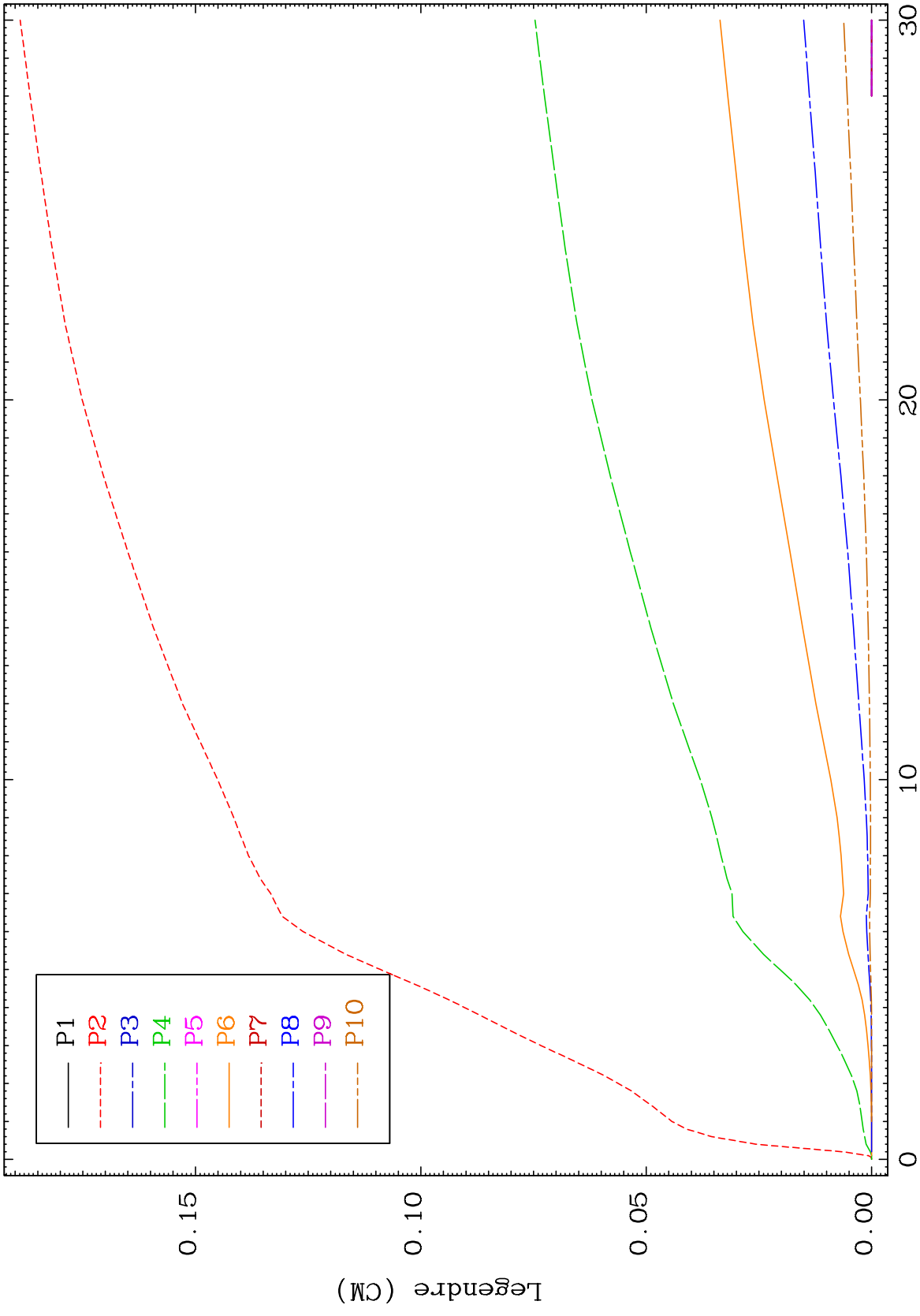




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Elastic Legendre Coefficients

71-Lu-172



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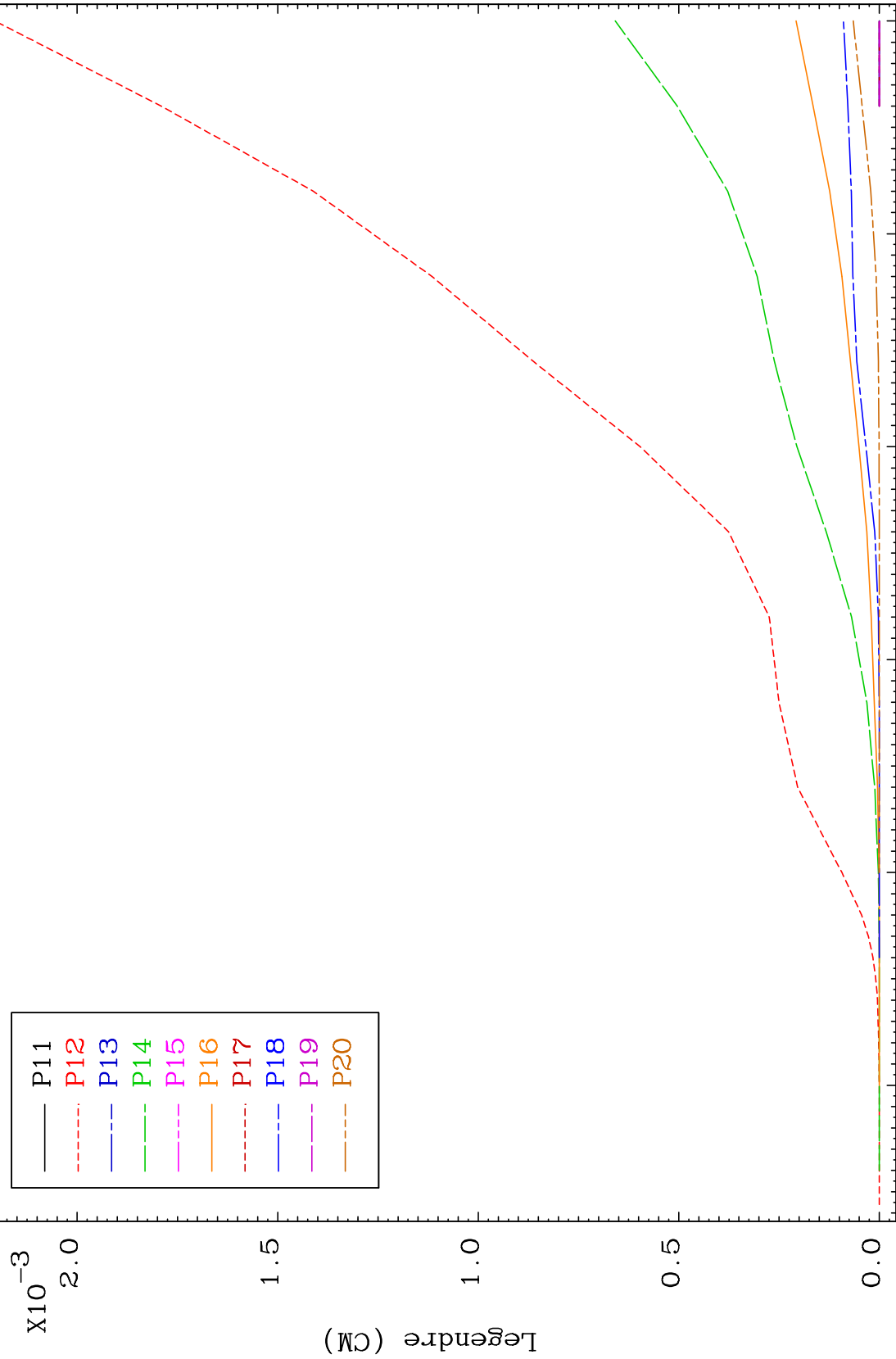
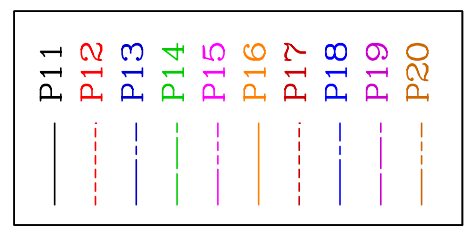
Incident Energy (MeV)

71-Lu-172

MAT 7117

Elastic Legendre Coefficients

71-Lu-172



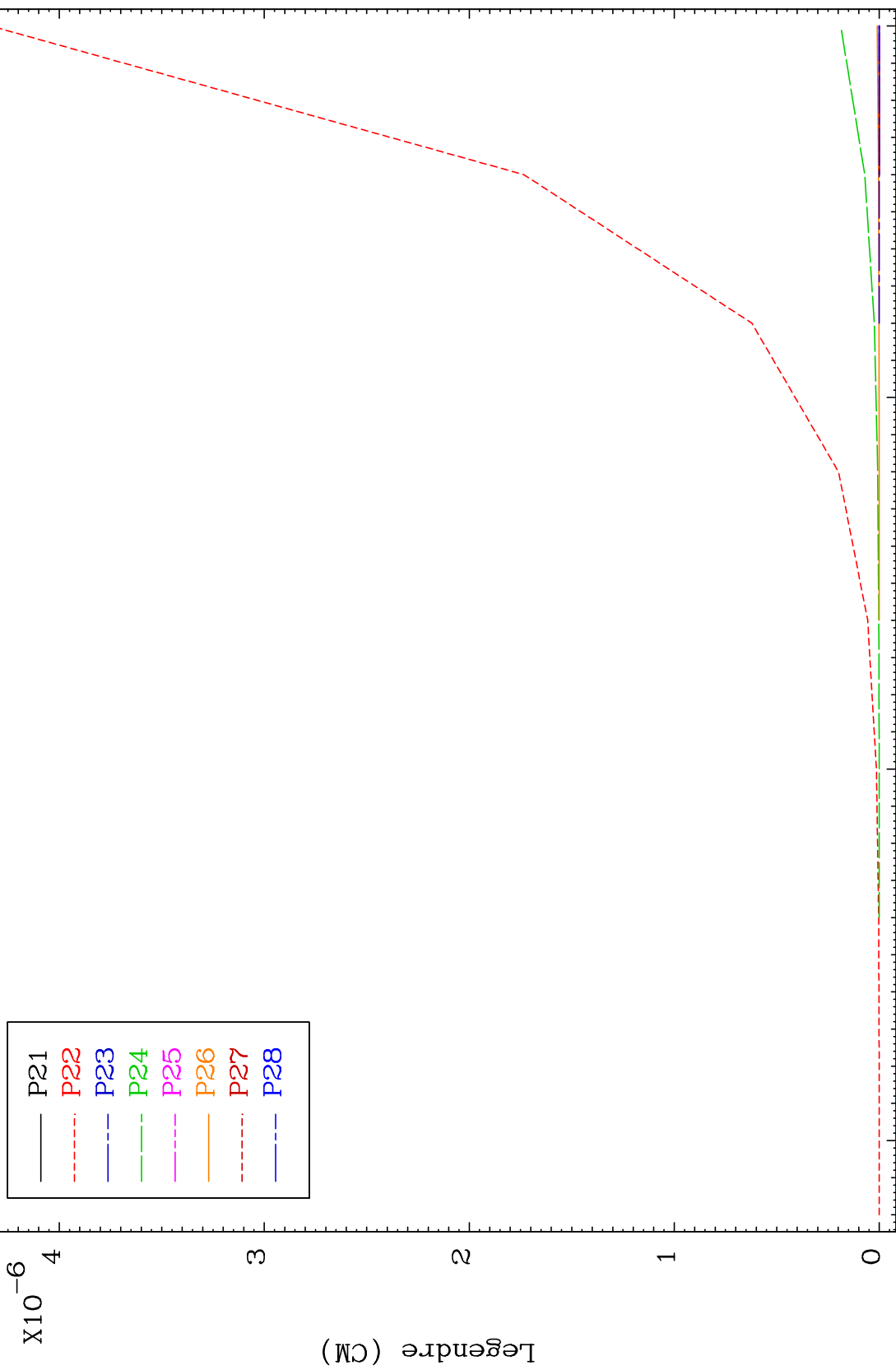
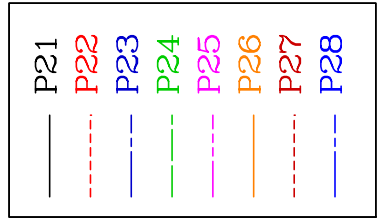
17

71-Lu-172

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Elastic Legendre Coefficients

71-Lu-172



18

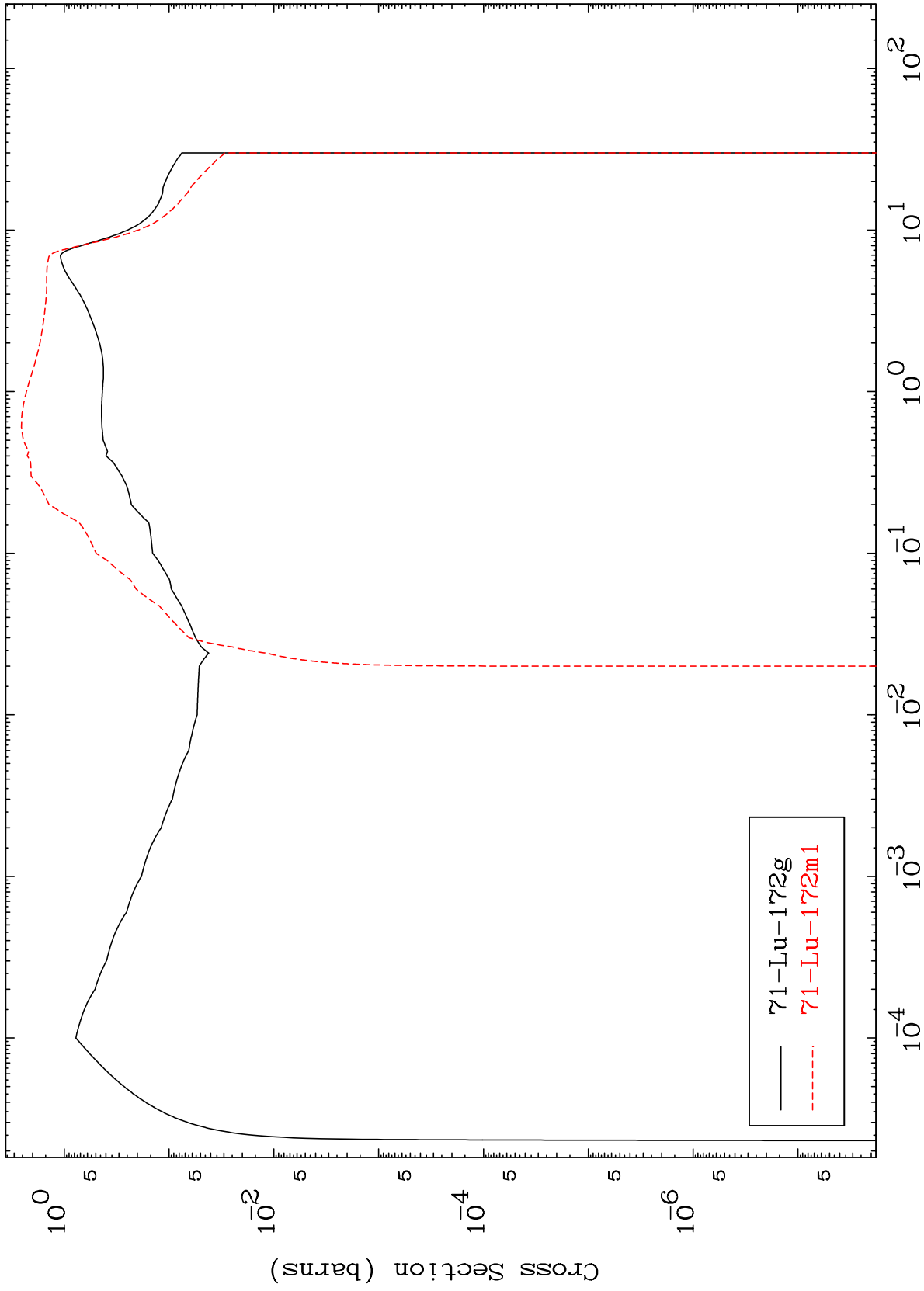
Incident Energy (MeV)

71-Lu-172

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Inelastic  
Radionuclide Production Cross Section

71-Lu-172

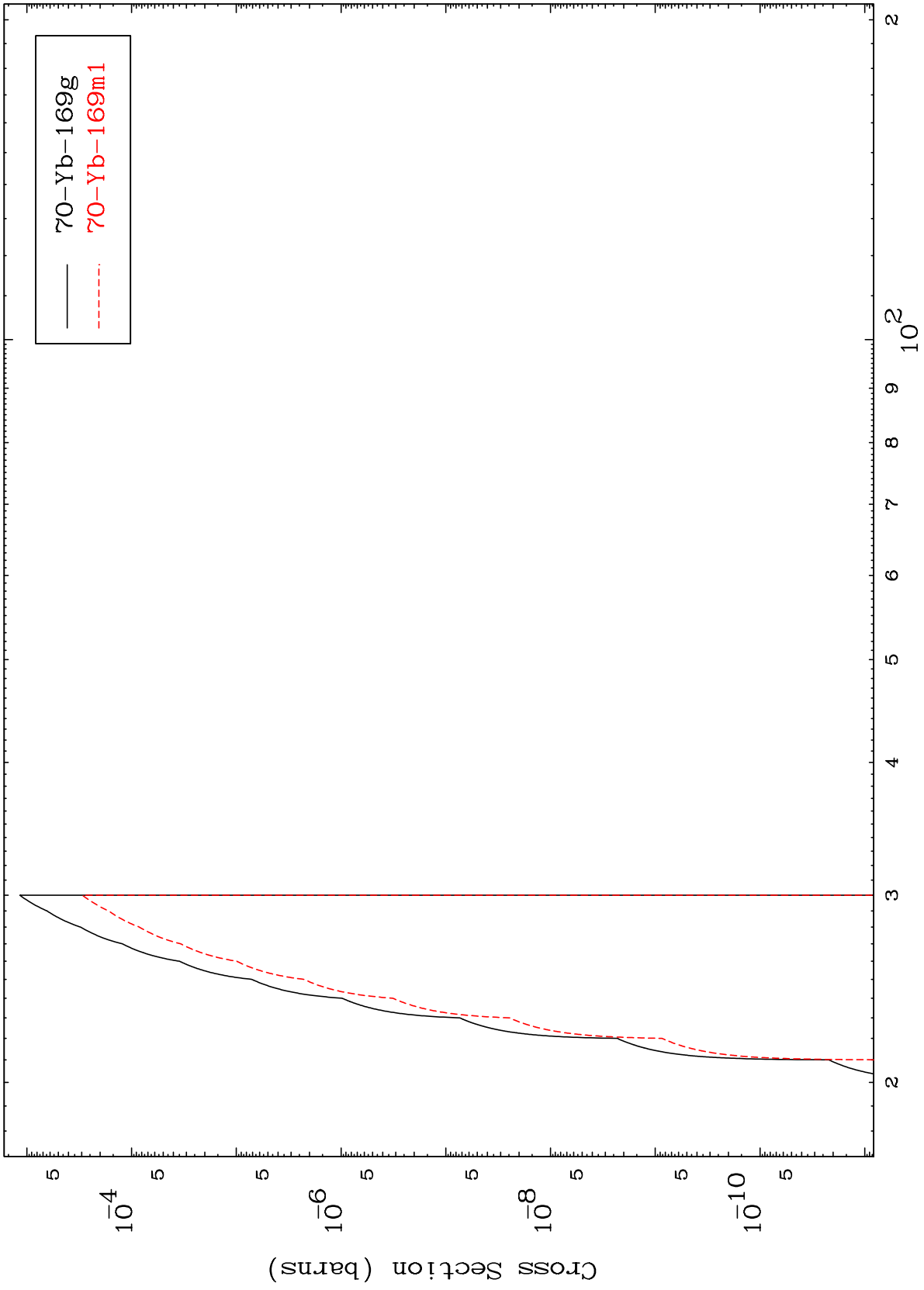


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(n,2n) d

<sup>71</sup>Lu-172

Radionuclide Production Cross Section



20

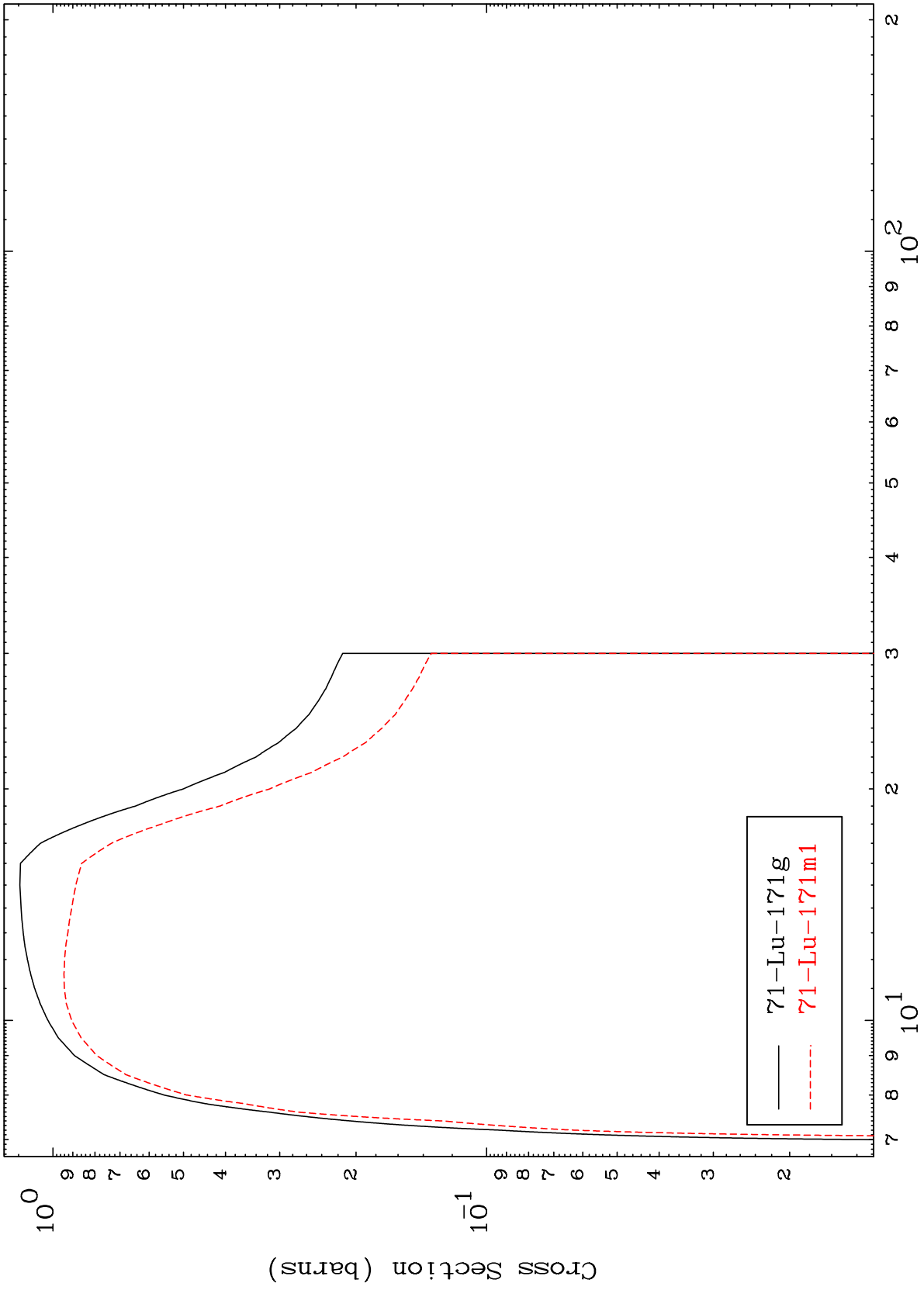
Incident Energy (MeV)

<sup>71</sup>Lu-172

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71-Lu-172

Radionuclide Production Cross Section  
(n,2n)



21

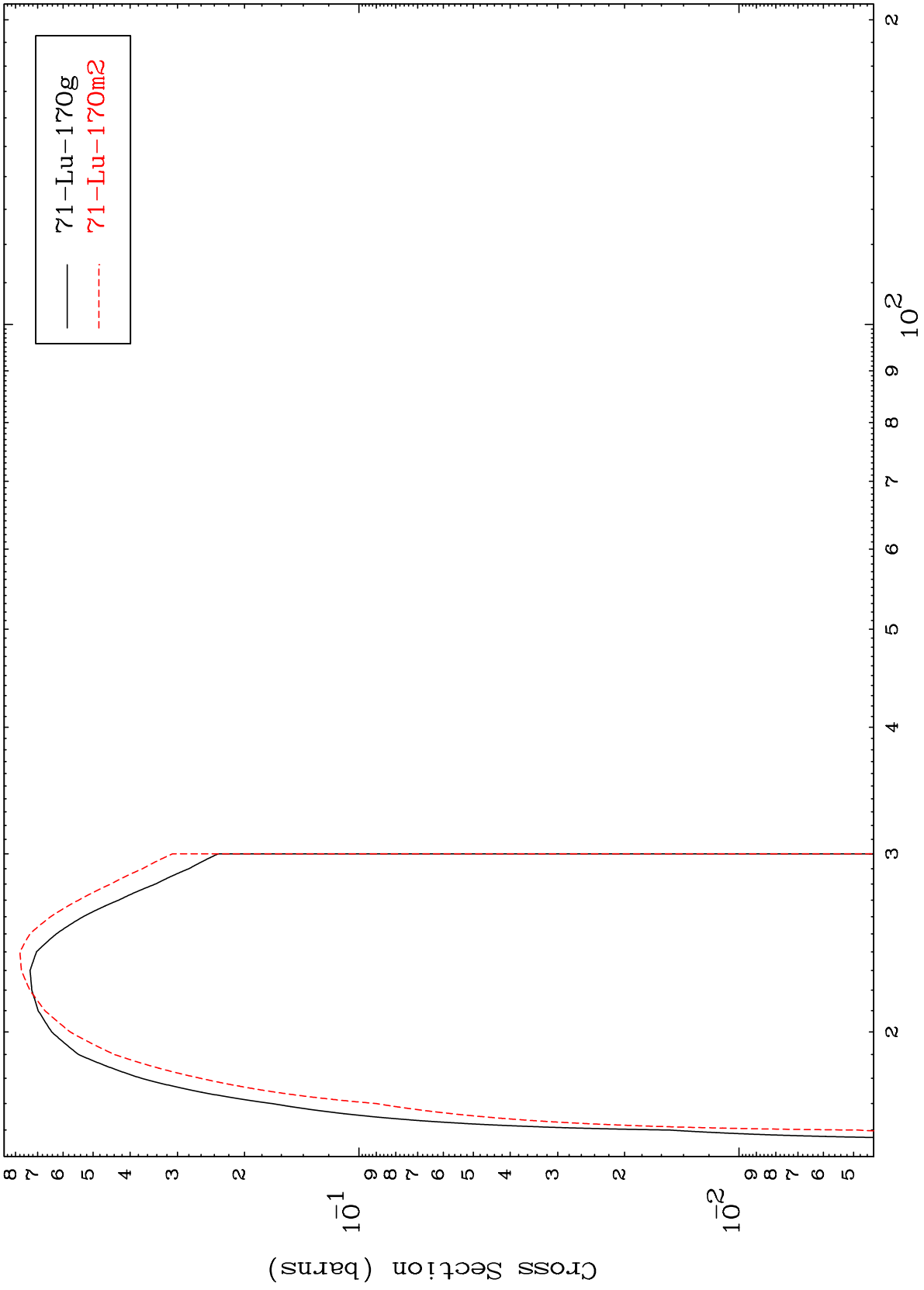
Incident Energy (MeV)

71-Lu-172

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71-Lu-172

(n,3n)  
Radionuclide Production Cross Section



22

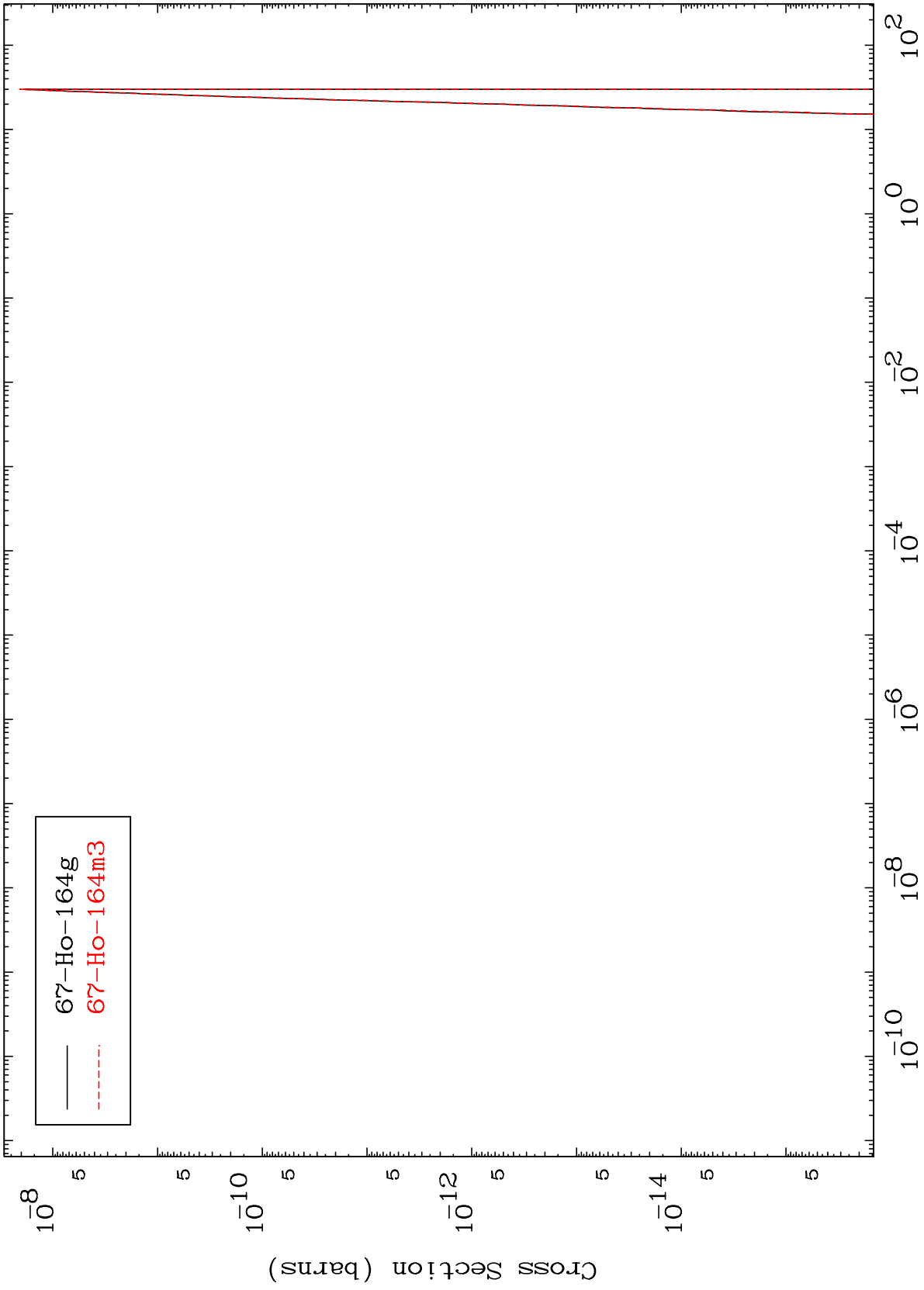
71-Lu-172

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(n,n') 2 $\alpha$

71-Lu-172

Radionuclide Production Cross Section



23

Incident Energy (MeV)

71-Lu-172

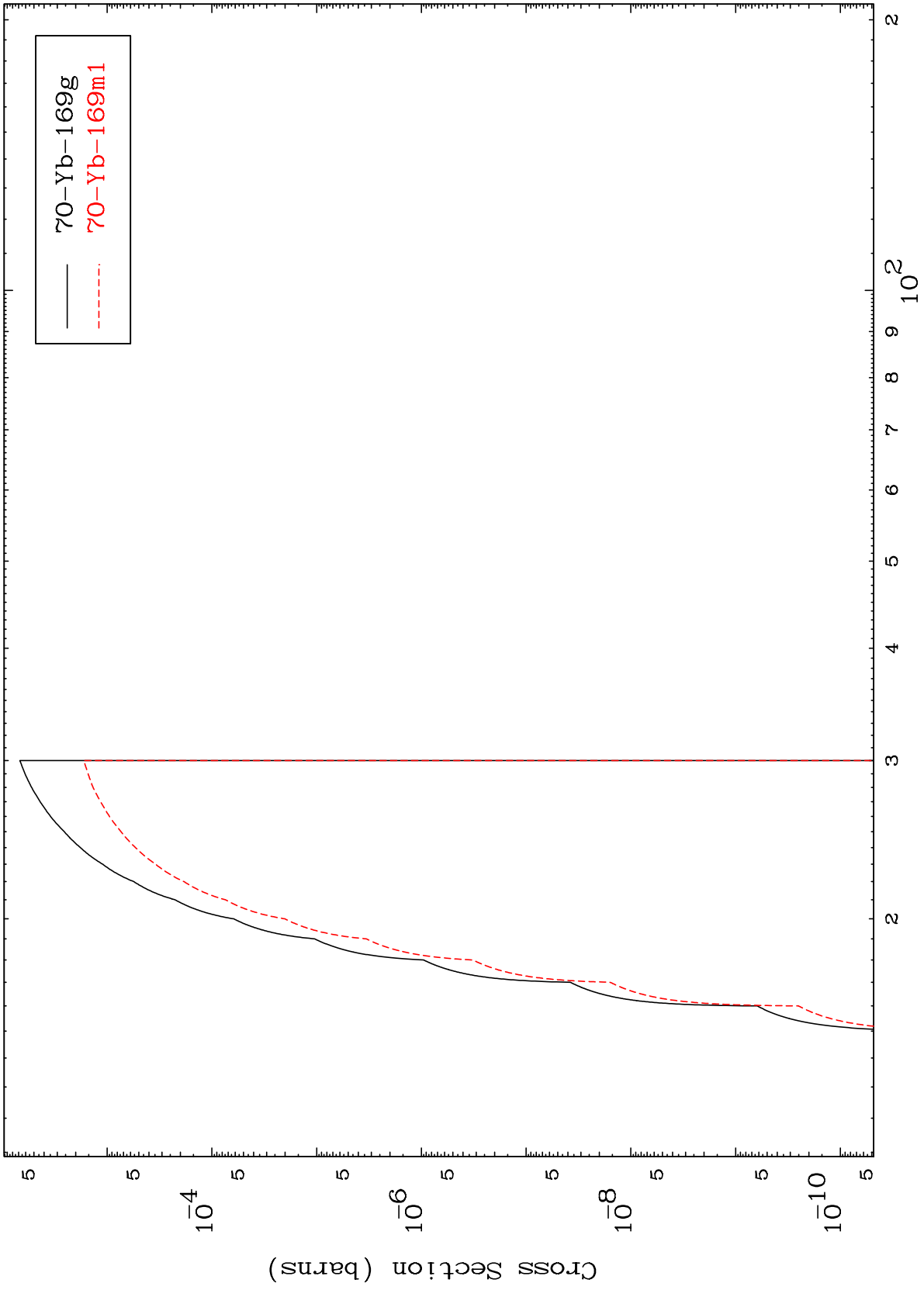


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(n, n') t

71-Lu-172

Radionuclide Production Cross Section



24

Incident Energy (MeV)

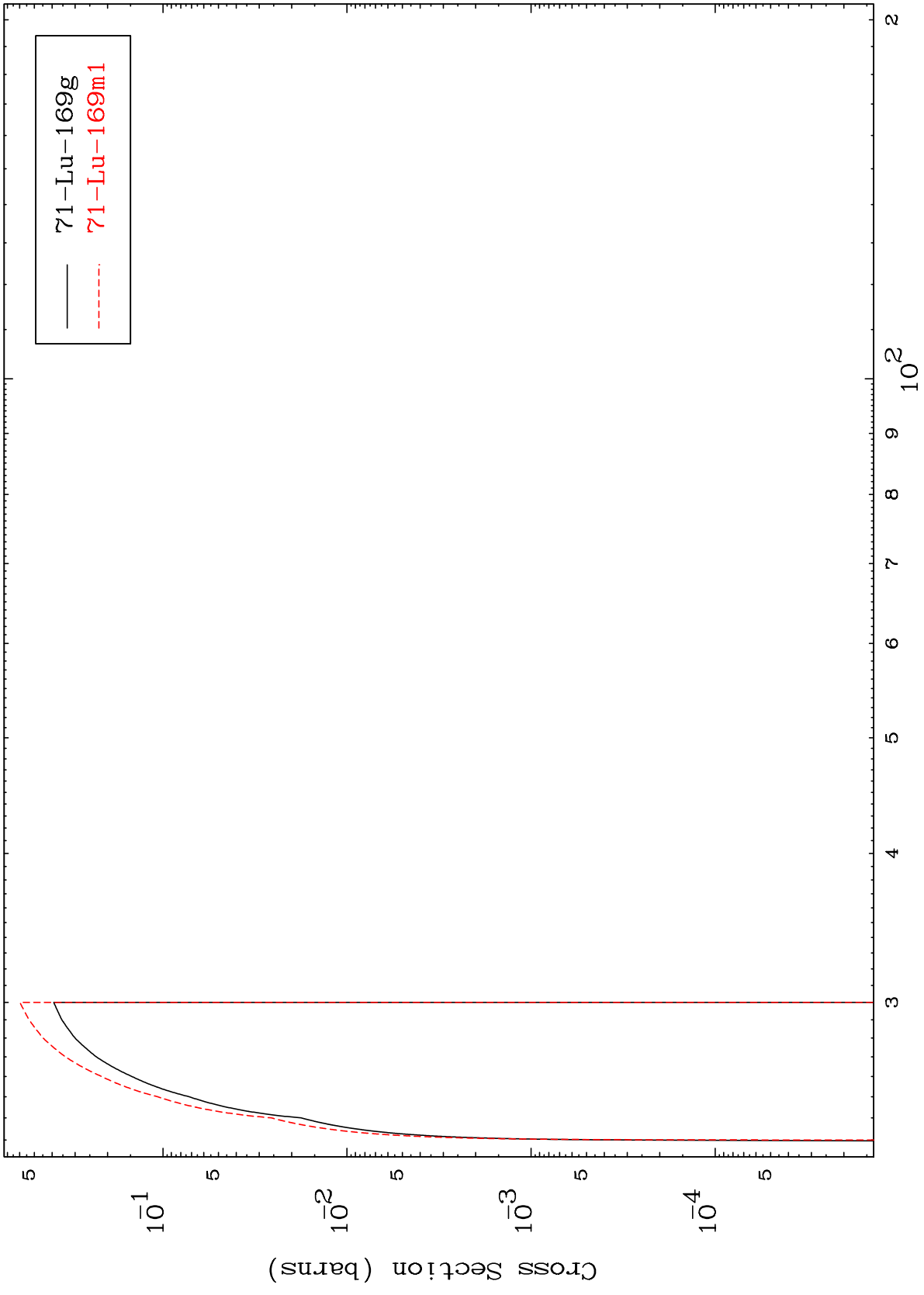
71-Lu-172

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(n,4n)

71-Lu-172

Radionuclide Production Cross Section



25

Incident Energy (MeV)

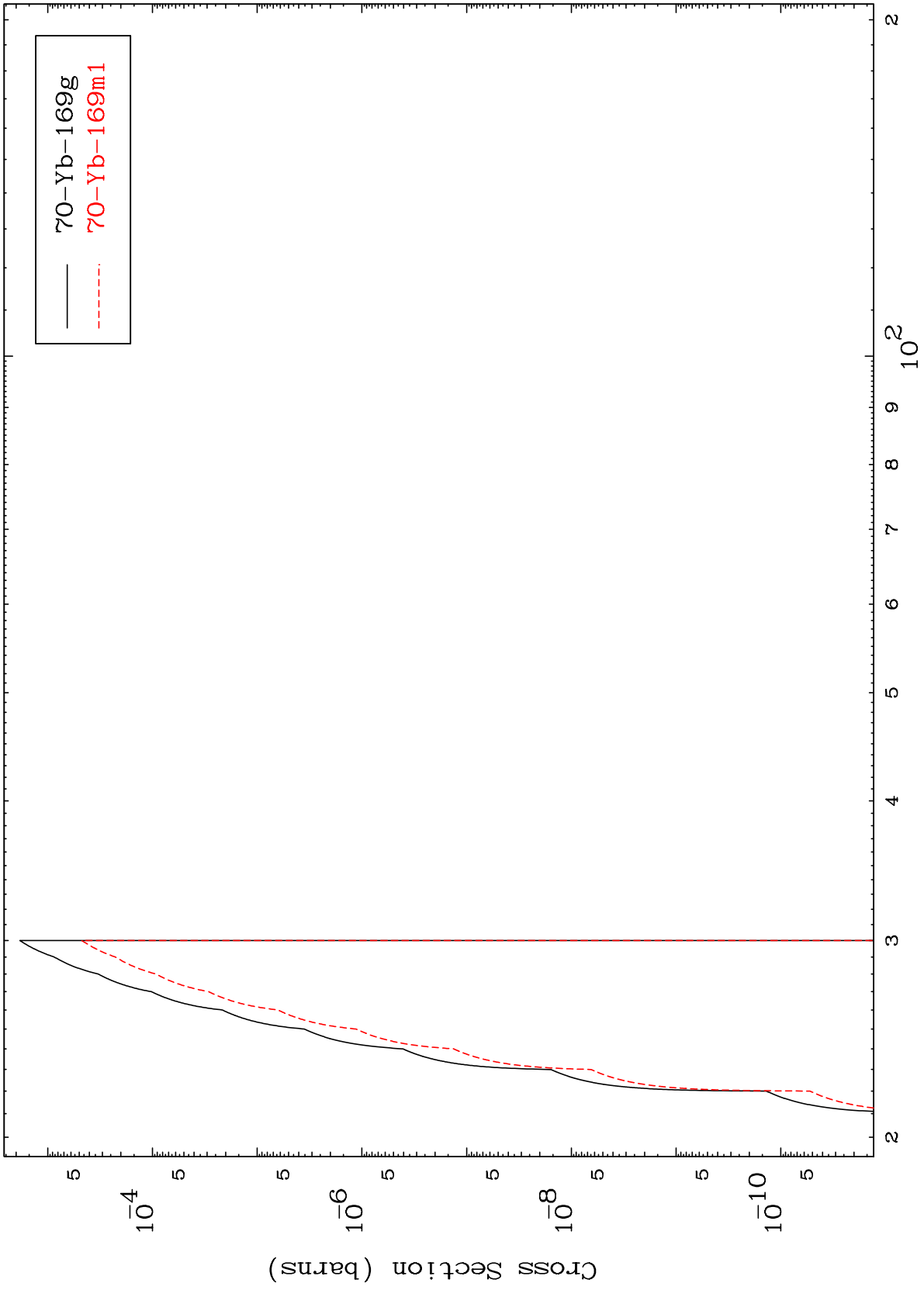
71-Lu-172

MAT 7117

(n,3n) p

71-Lu-172

Radionuclide Production Cross Section



26

Incident Energy (MeV)

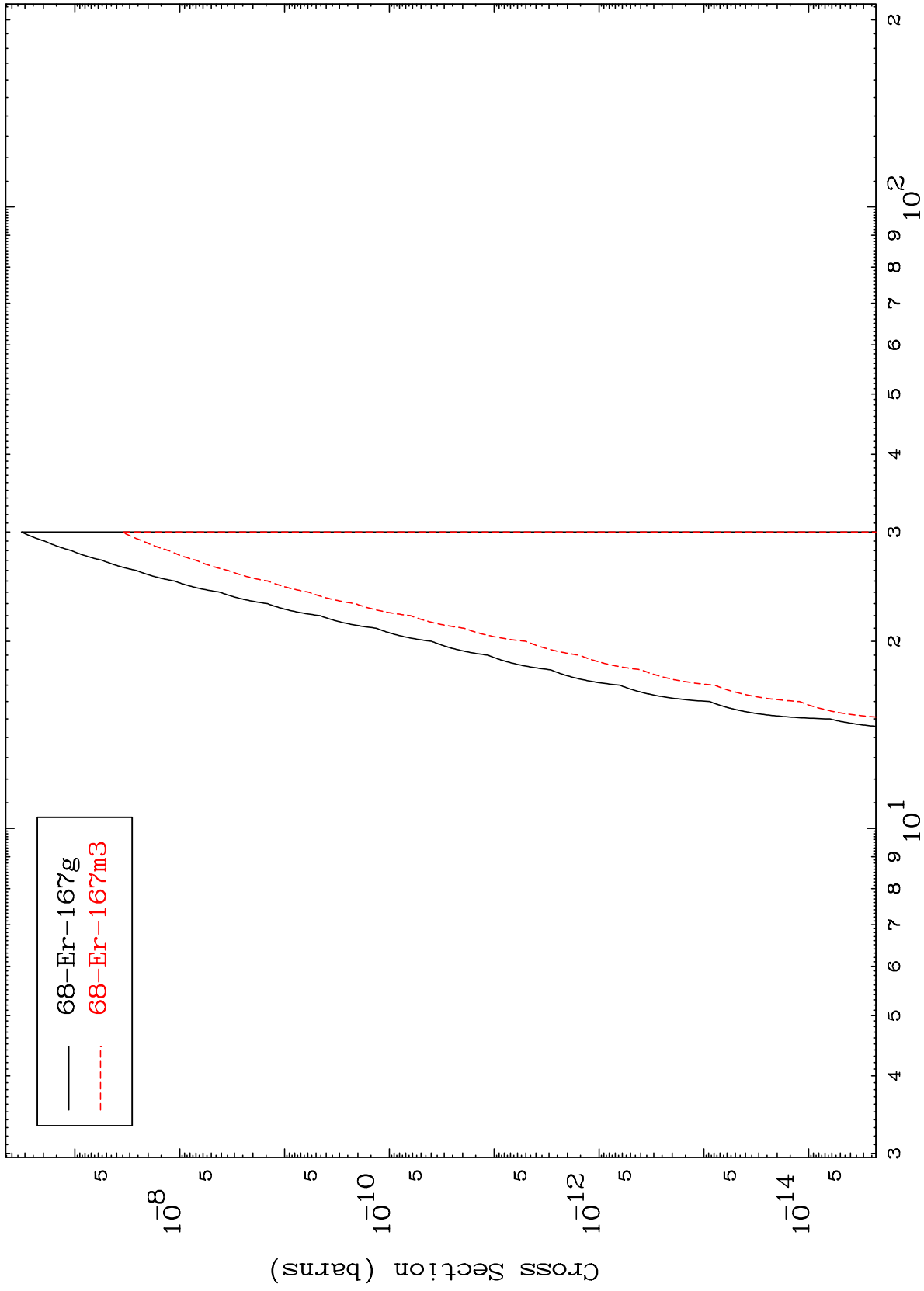
71-Lu-172

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(n,n') p  $\alpha$

71-Lu-172

Radionuclide Production Cross Section



27

Incident Energy (MeV)

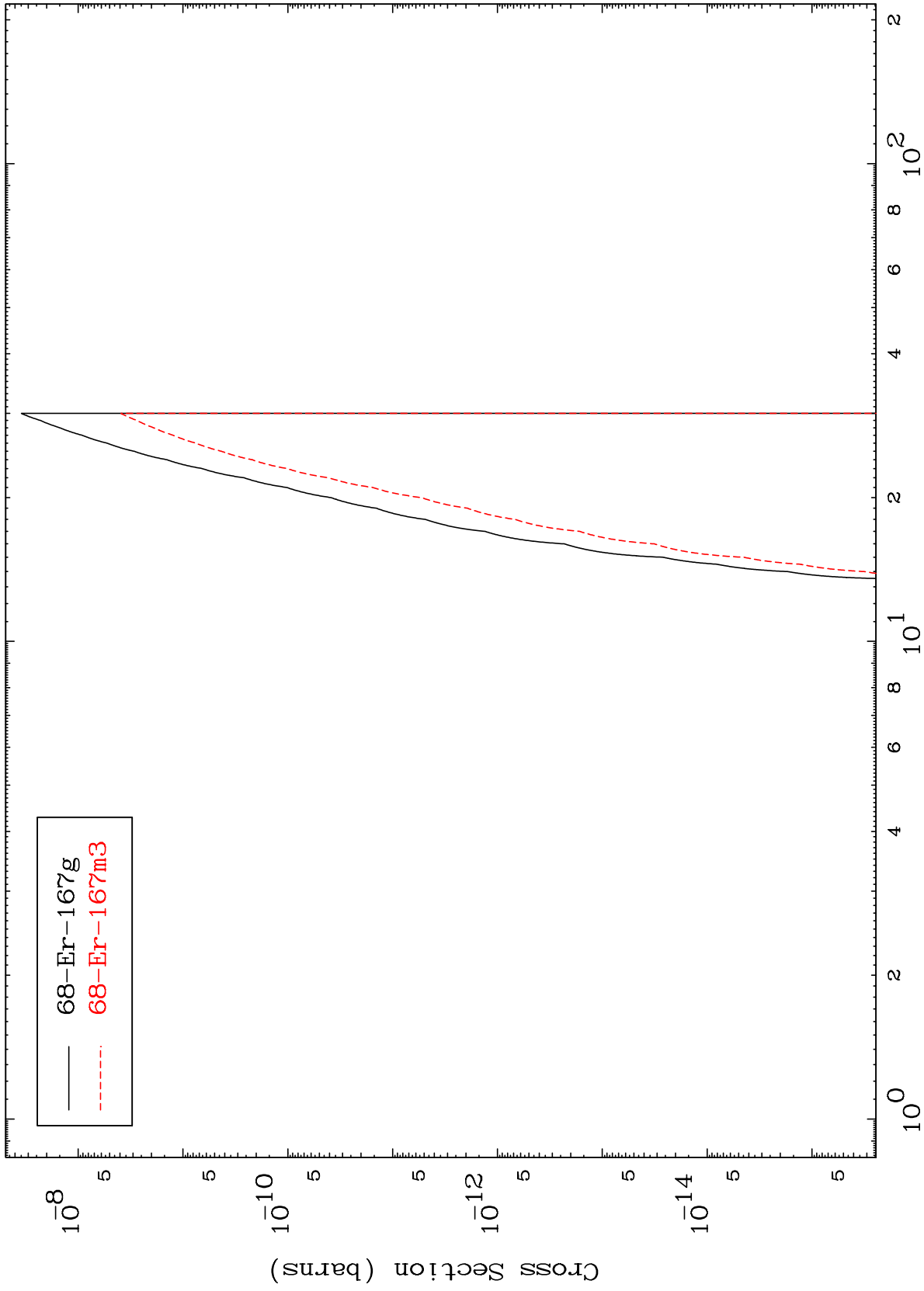
71-Lu-172

MAT 7117

(n,d)  $\alpha$

71-Lu-172

Radionuclide Production Cross Section



28

Incident Energy (MeV)

71-Lu-172