

Program EVALPLOT  
(Version 2021-1)

by

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(Present Contact Information)

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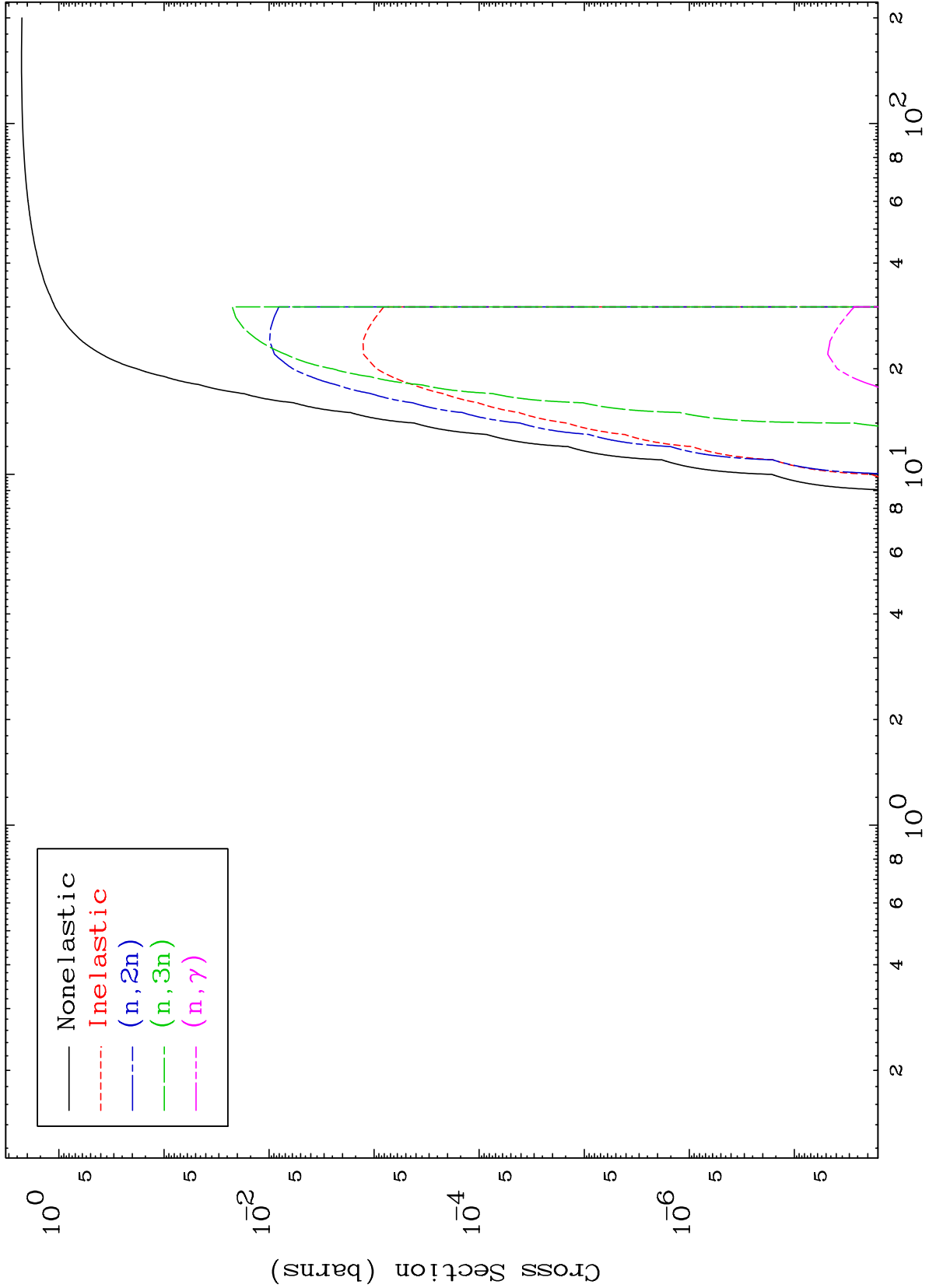
Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

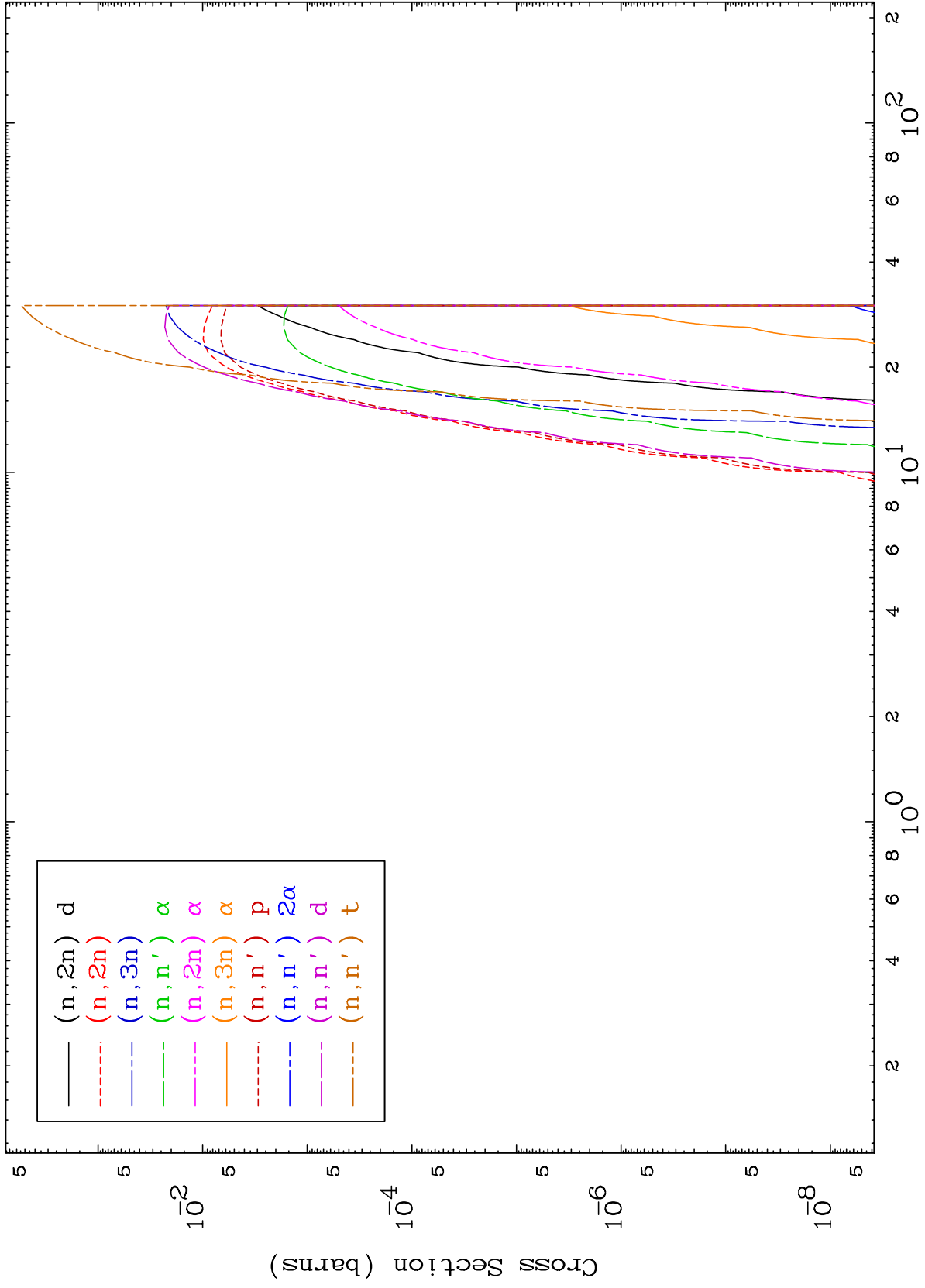
0 Kelvin Cross Sections



MAT 7122

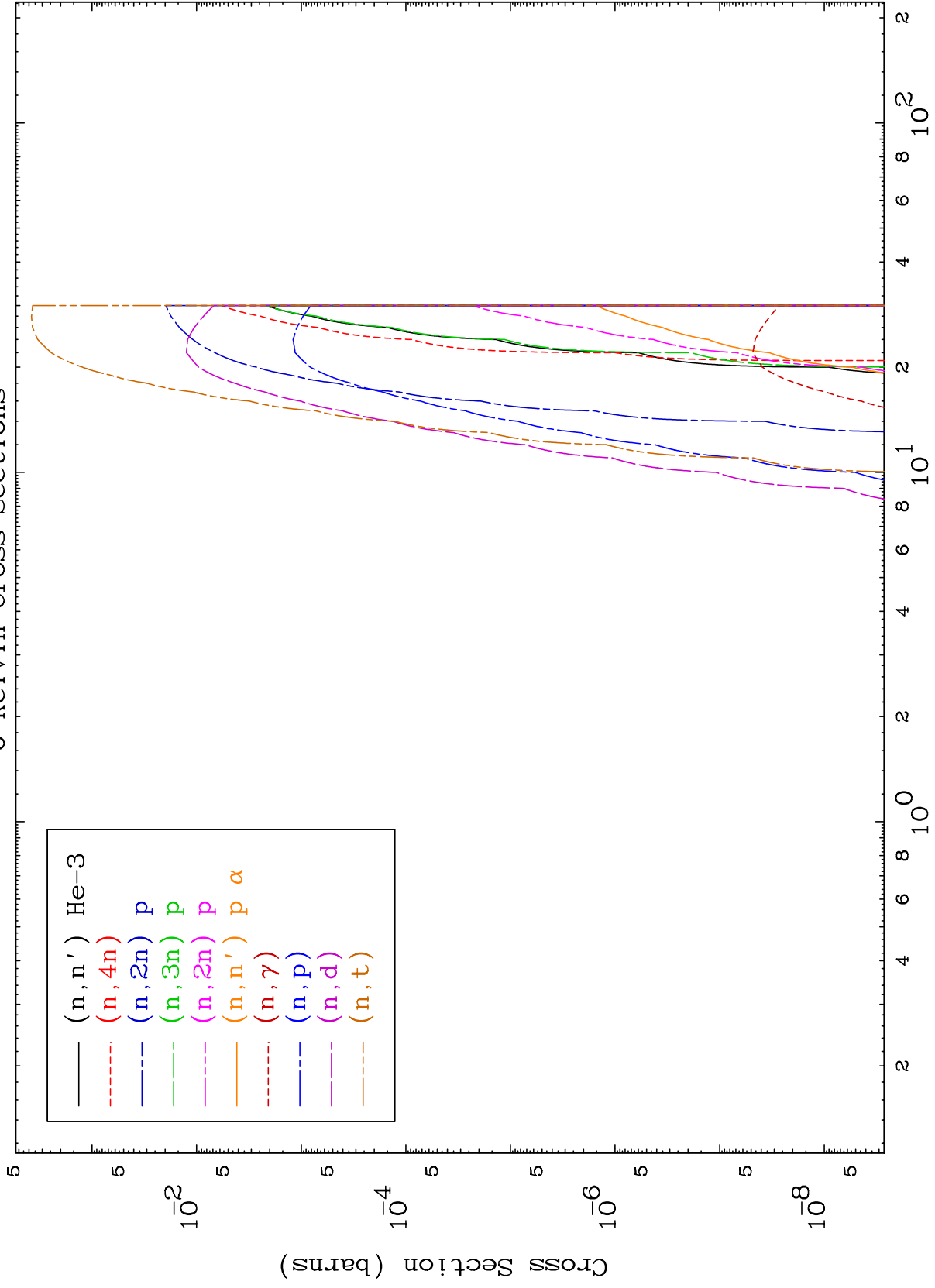
He-3 Neutron Absorption  
0 Kelvin Cross Sections

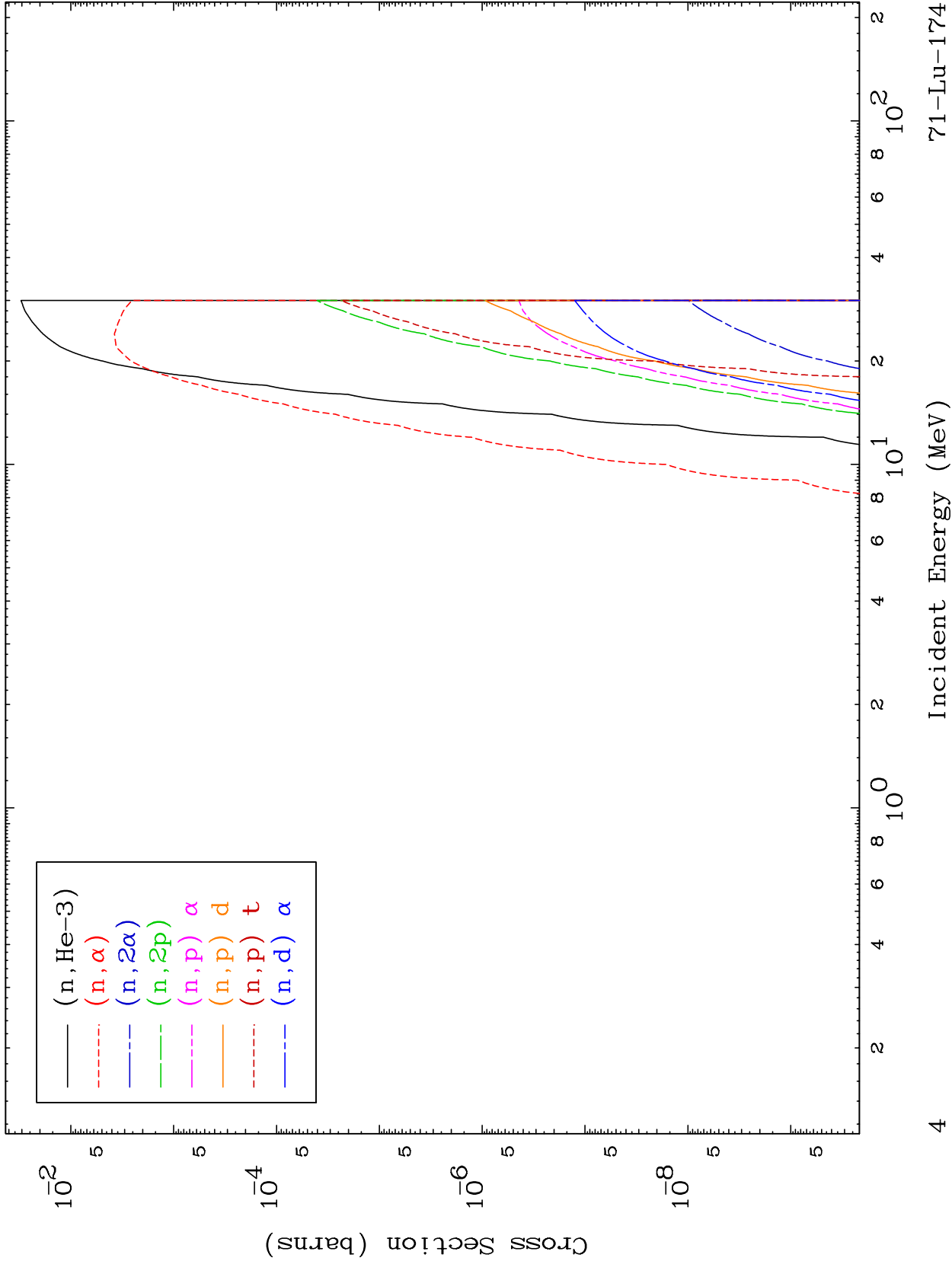
71-Lu-174

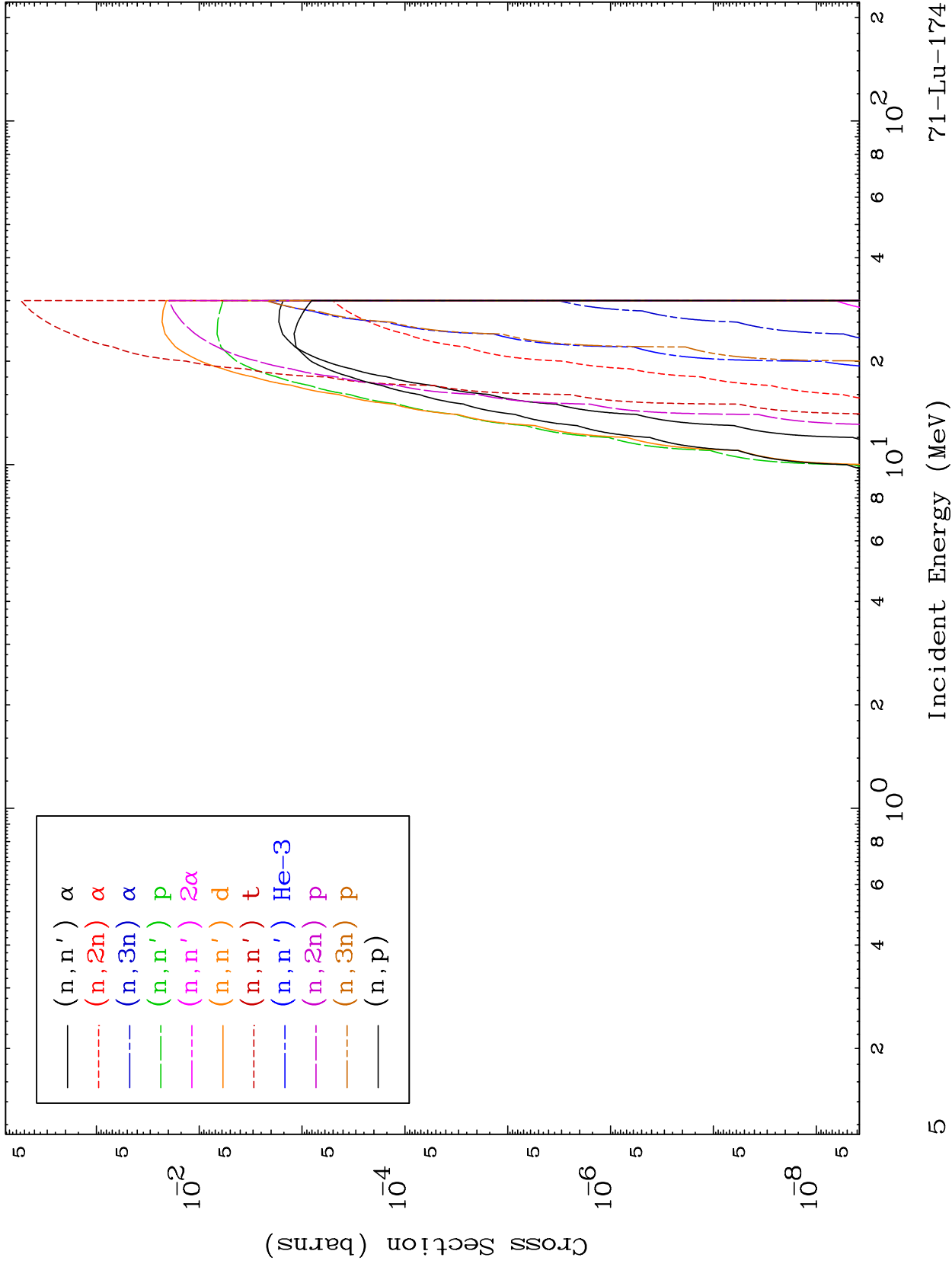


71-Lu-174

Incident Energy (MeV)



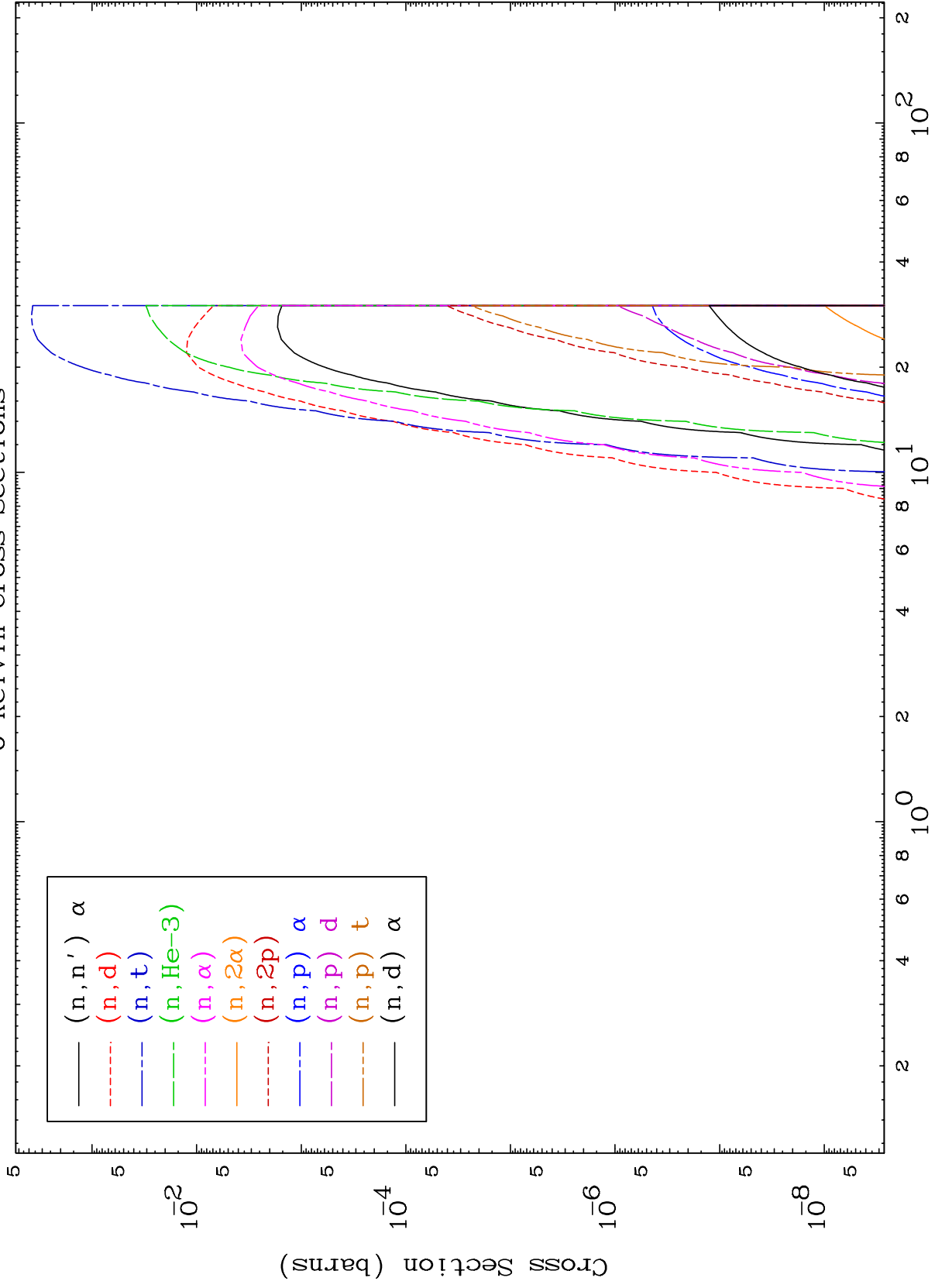




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He-3 Charged Particle  
0 Kelvin Cross Sections

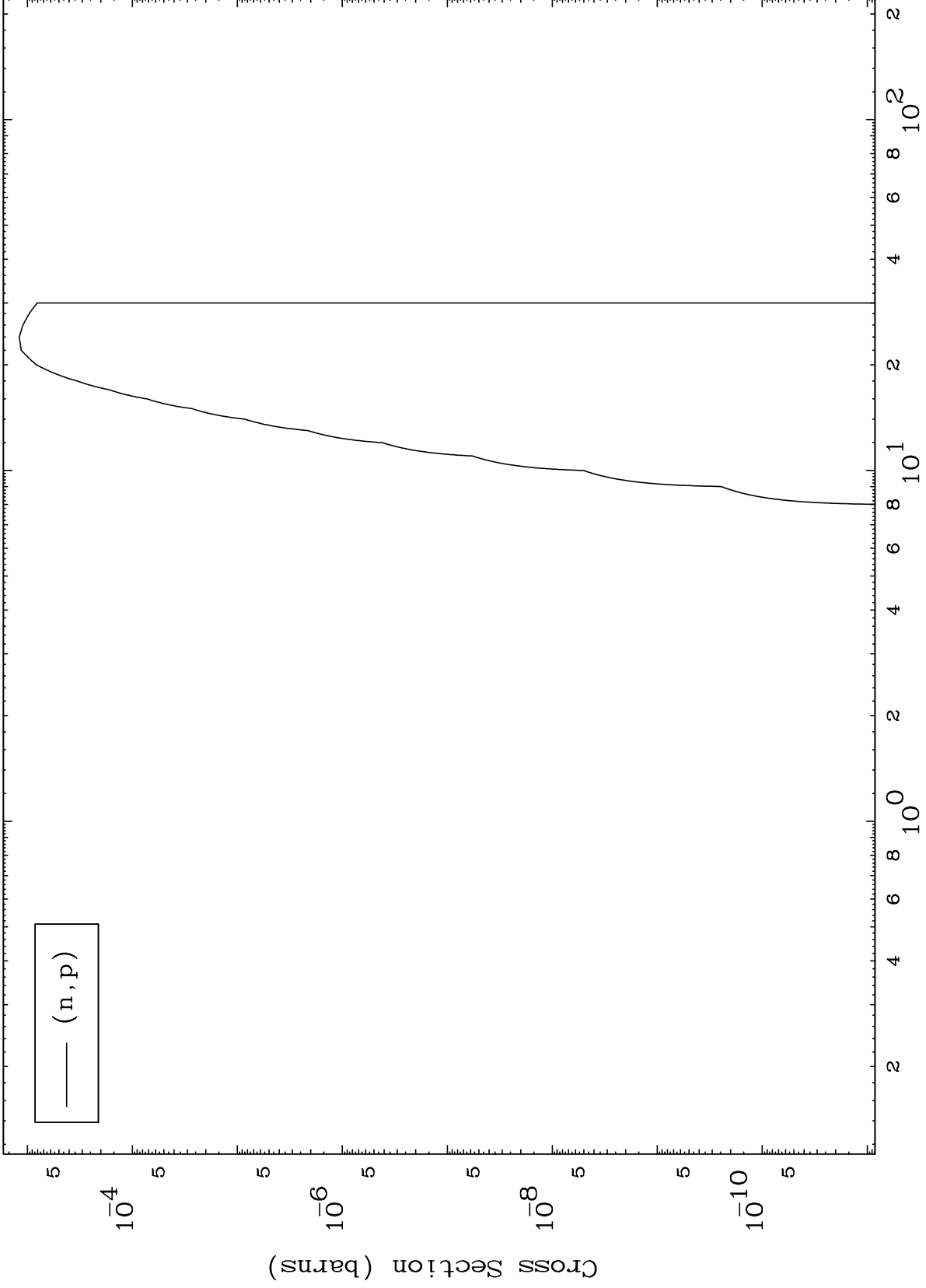
71-Lu-174



MAT 7122

(He-3,p) Levels  
0 Kelvin Cross Sections

71-Lu-174



7

Incident Energy (MeV)

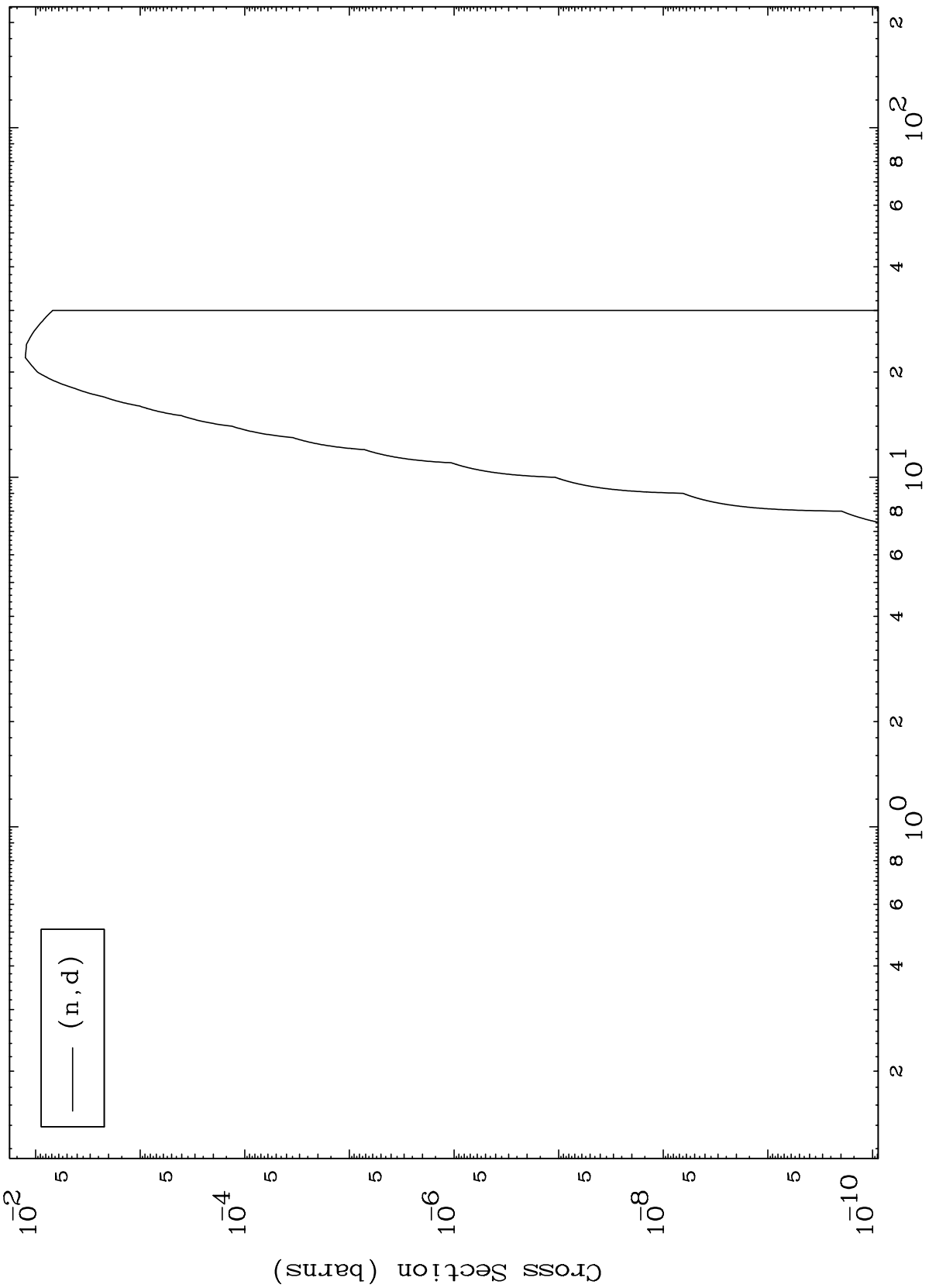
71-Lu-174

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(He-3,d) Levels

71-Lu-174

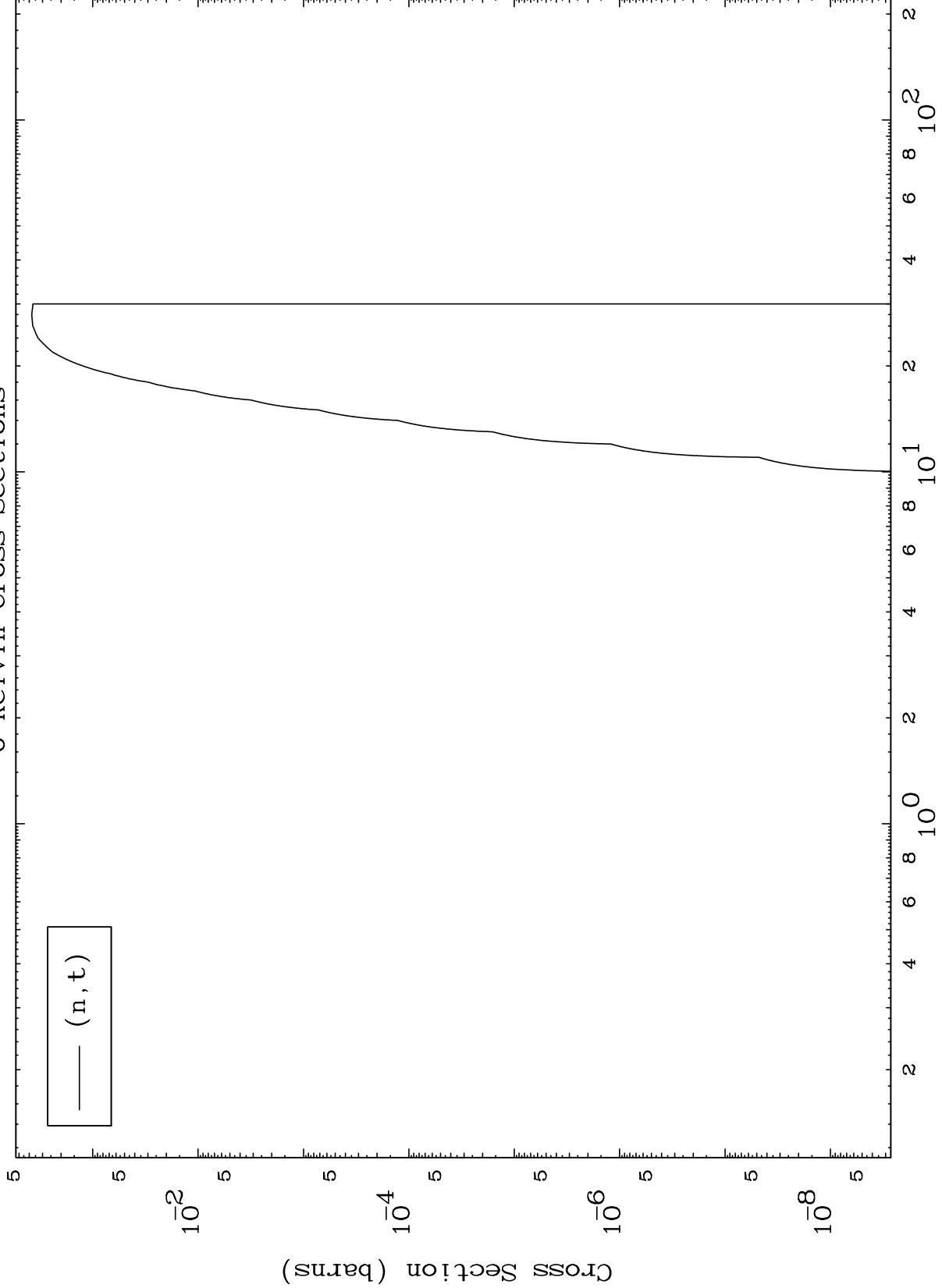
0 Kelvin Cross Sections



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(He-3,t) Levels  
0 Kelvin Cross Sections

71-Lu-174

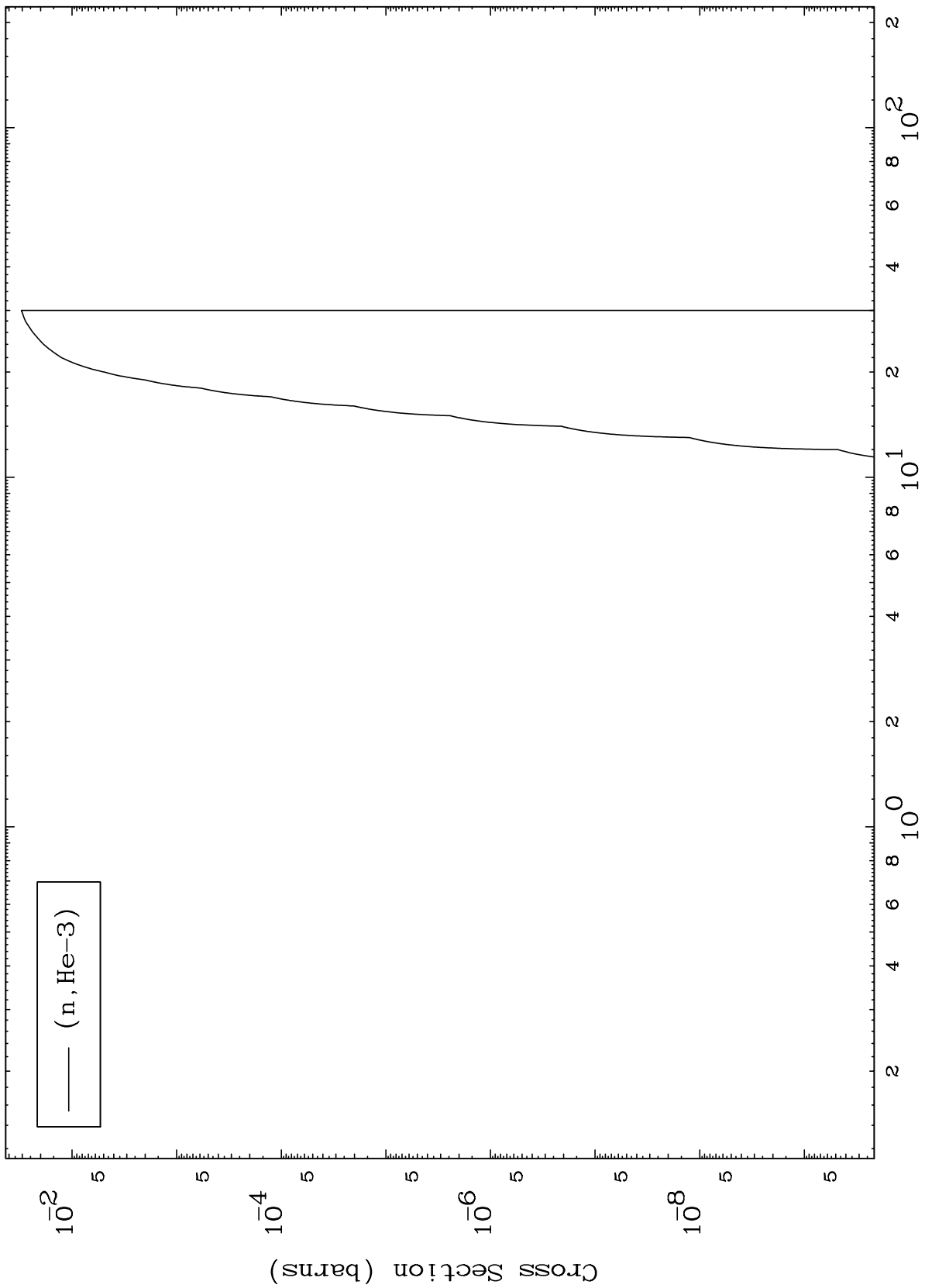


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(He-3, He3) Levels

71-Lu-174

0 Kelvin Cross Sections



10

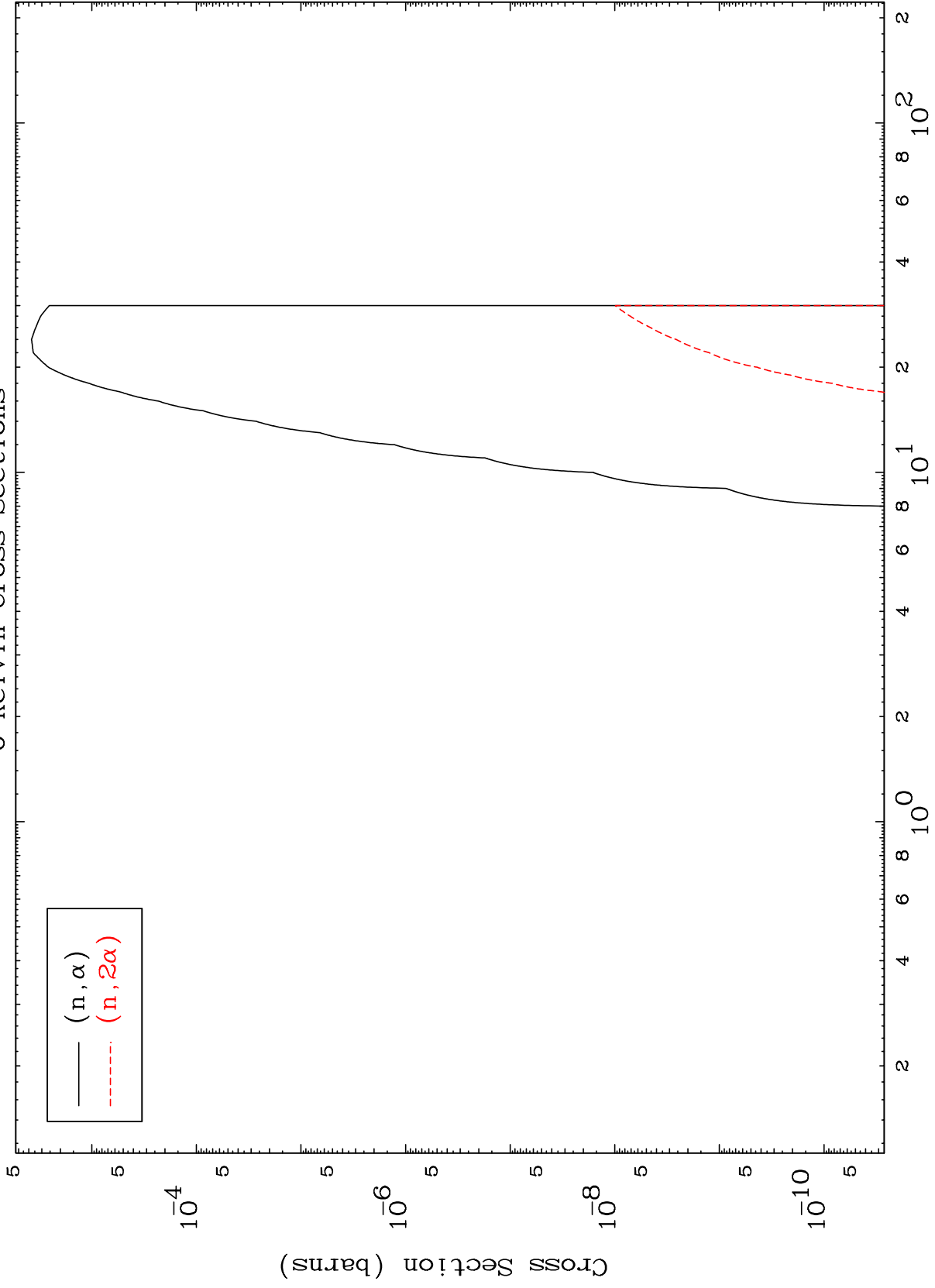
Incident Energy (MeV)

71-Lu-174

MAT 7122

(He-3,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

71-Lu-174

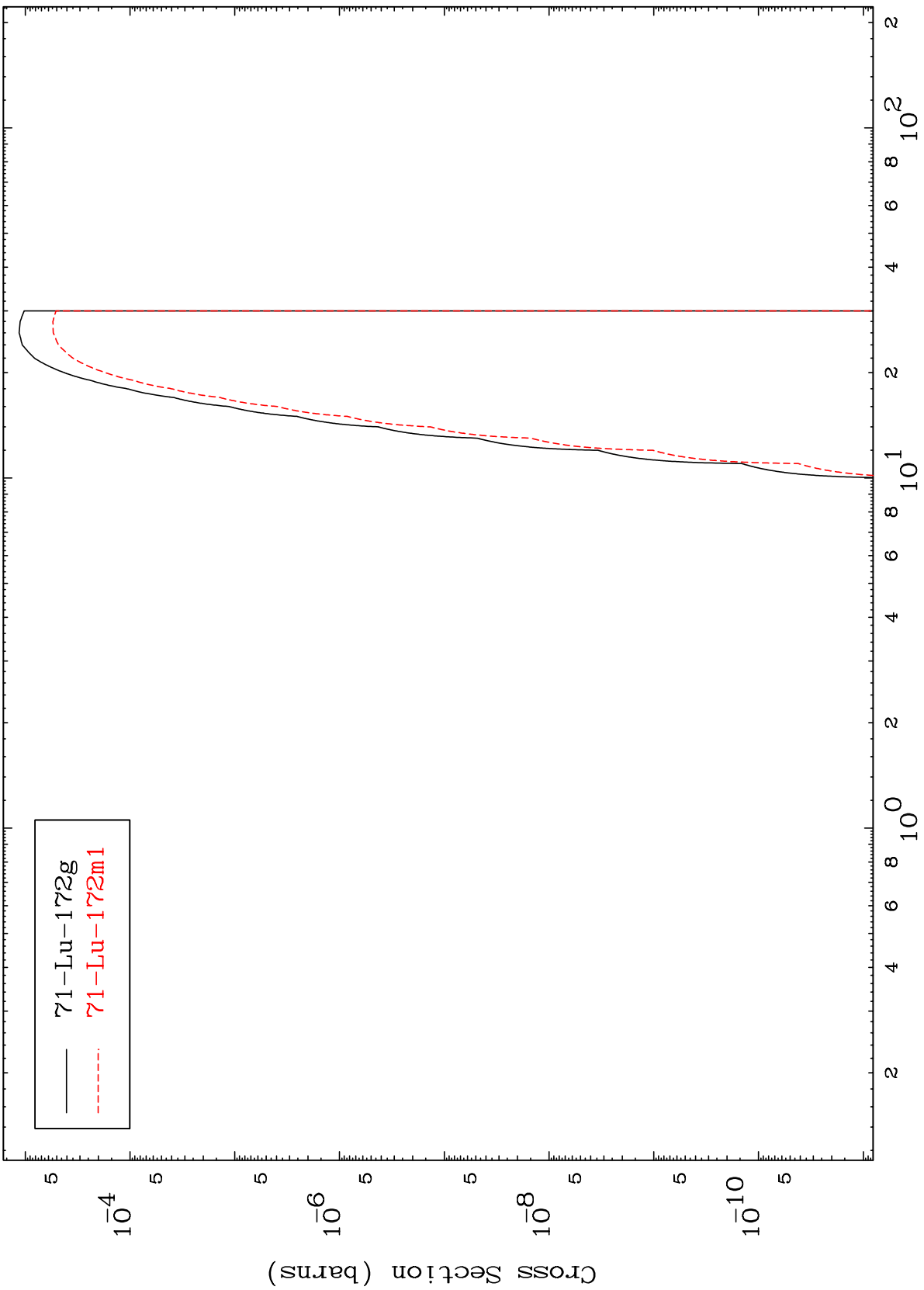


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$(n, n') \alpha$

$^{71}\text{Lu-174}$

Radionuclide Production Cross Section



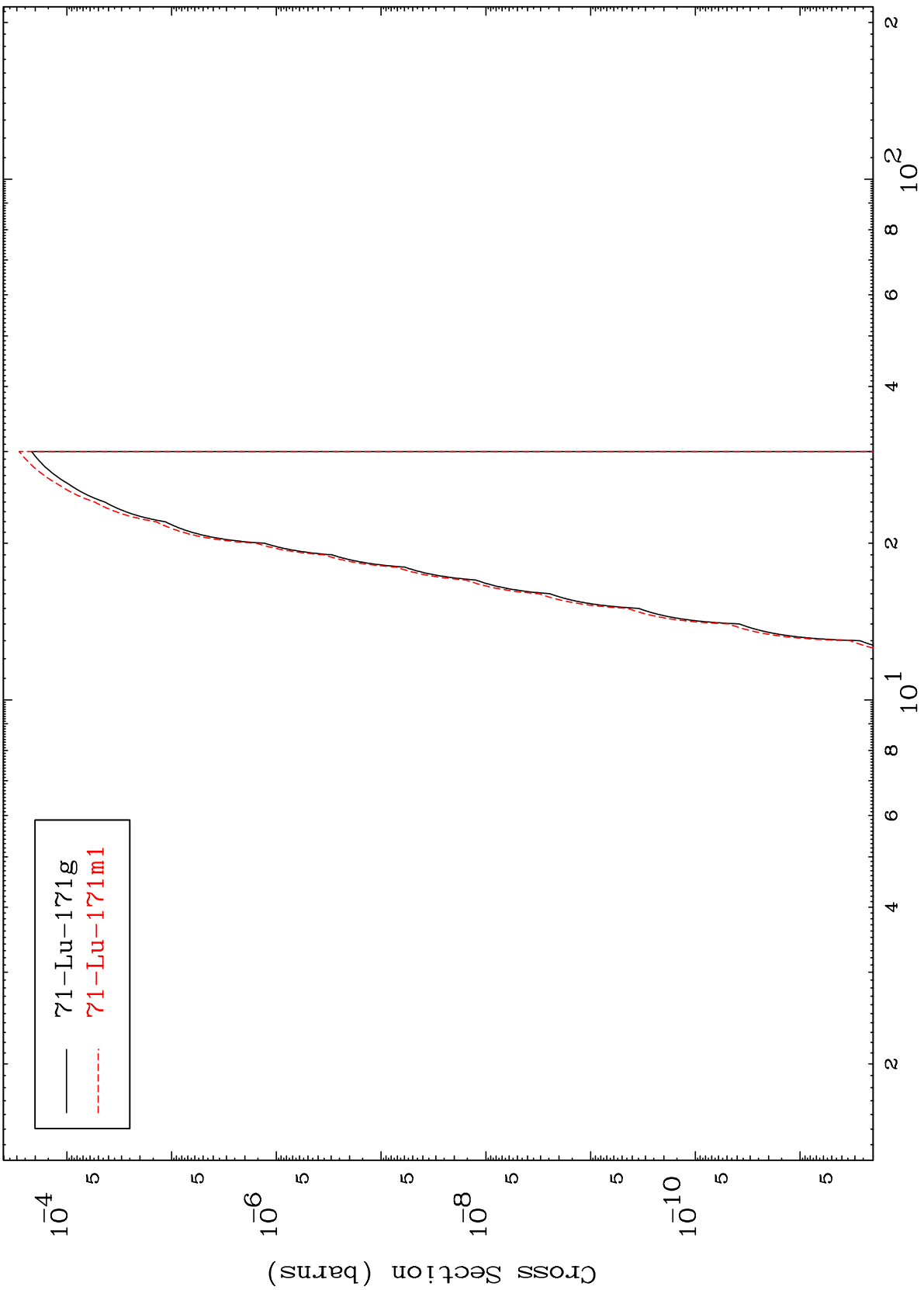
— 71-Lu-172g  
- - - 71-Lu-172m1

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(n,2n)  $\alpha$

<sup>71</sup>Lu-174

Radionuclide Production Cross Section

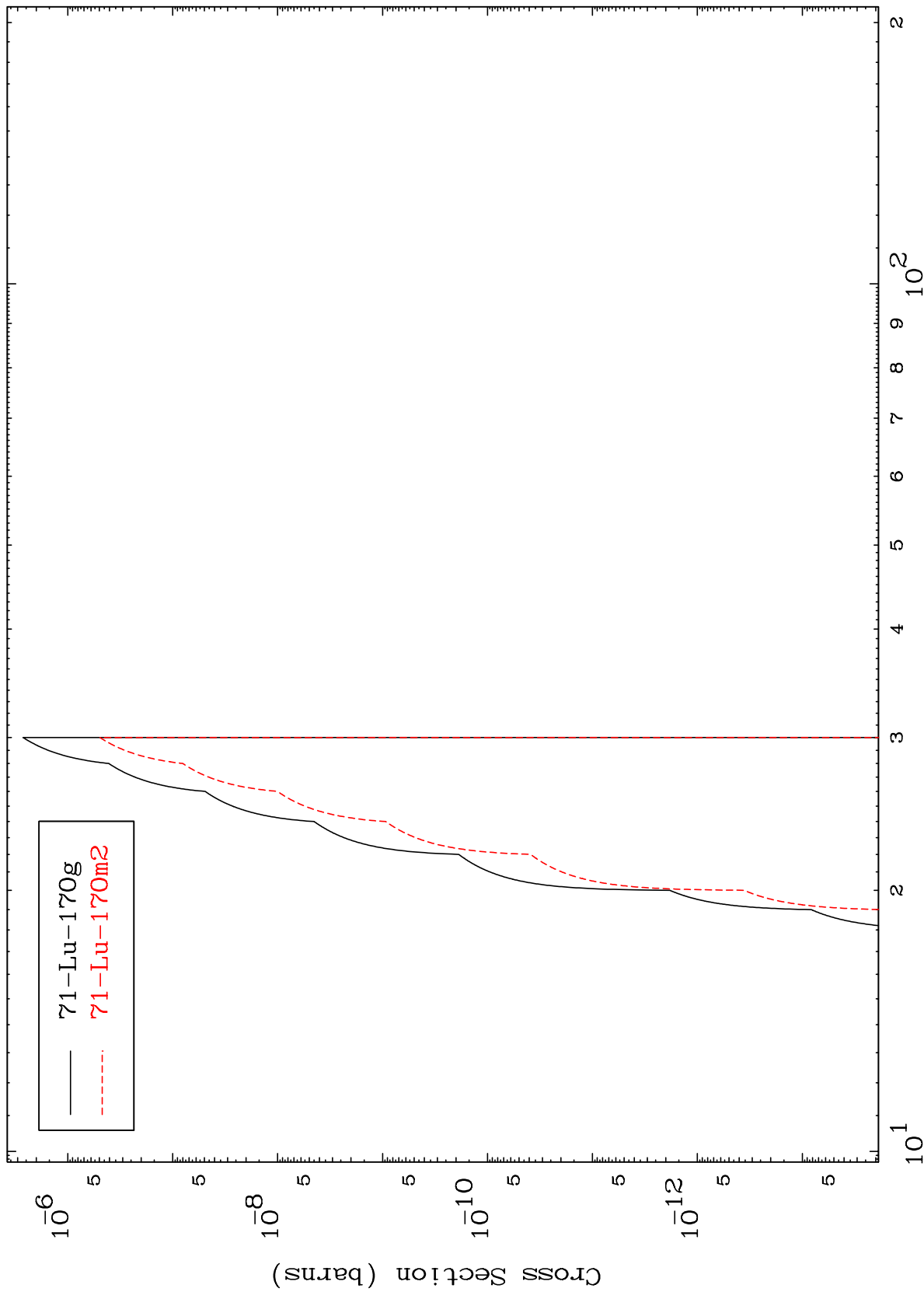


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(n,3n)  $\alpha$

71-Lu-174

Radionuclide Production Cross Section



Incident Energy (MeV)

71-Lu-174

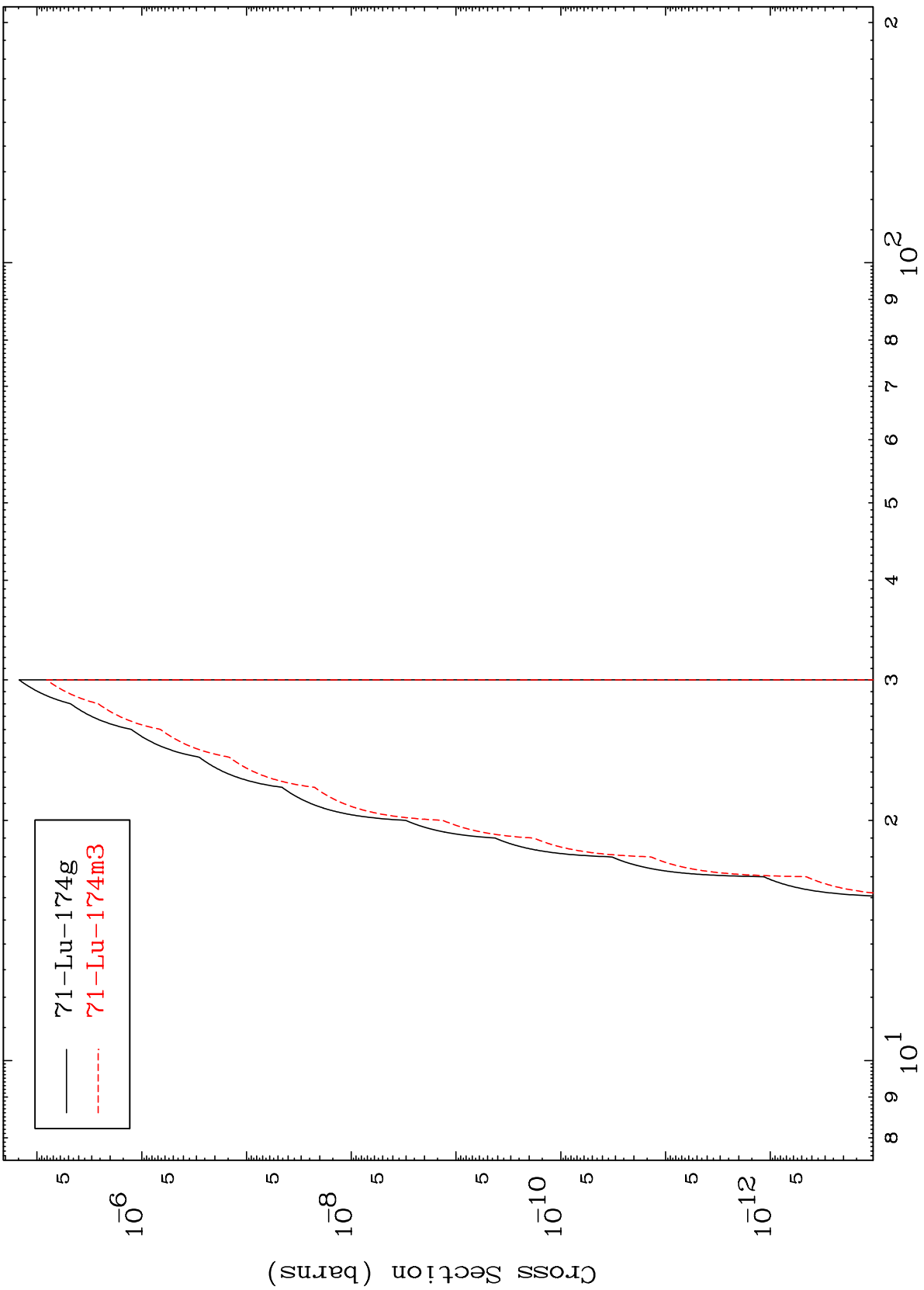
14

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(n,2n) p

<sup>71</sup>Lu-174

Radionuclide Production Cross Section



— <sup>71</sup>Lu-174g  
- - - <sup>71</sup>Lu-174m3

15

Incident Energy (MeV)

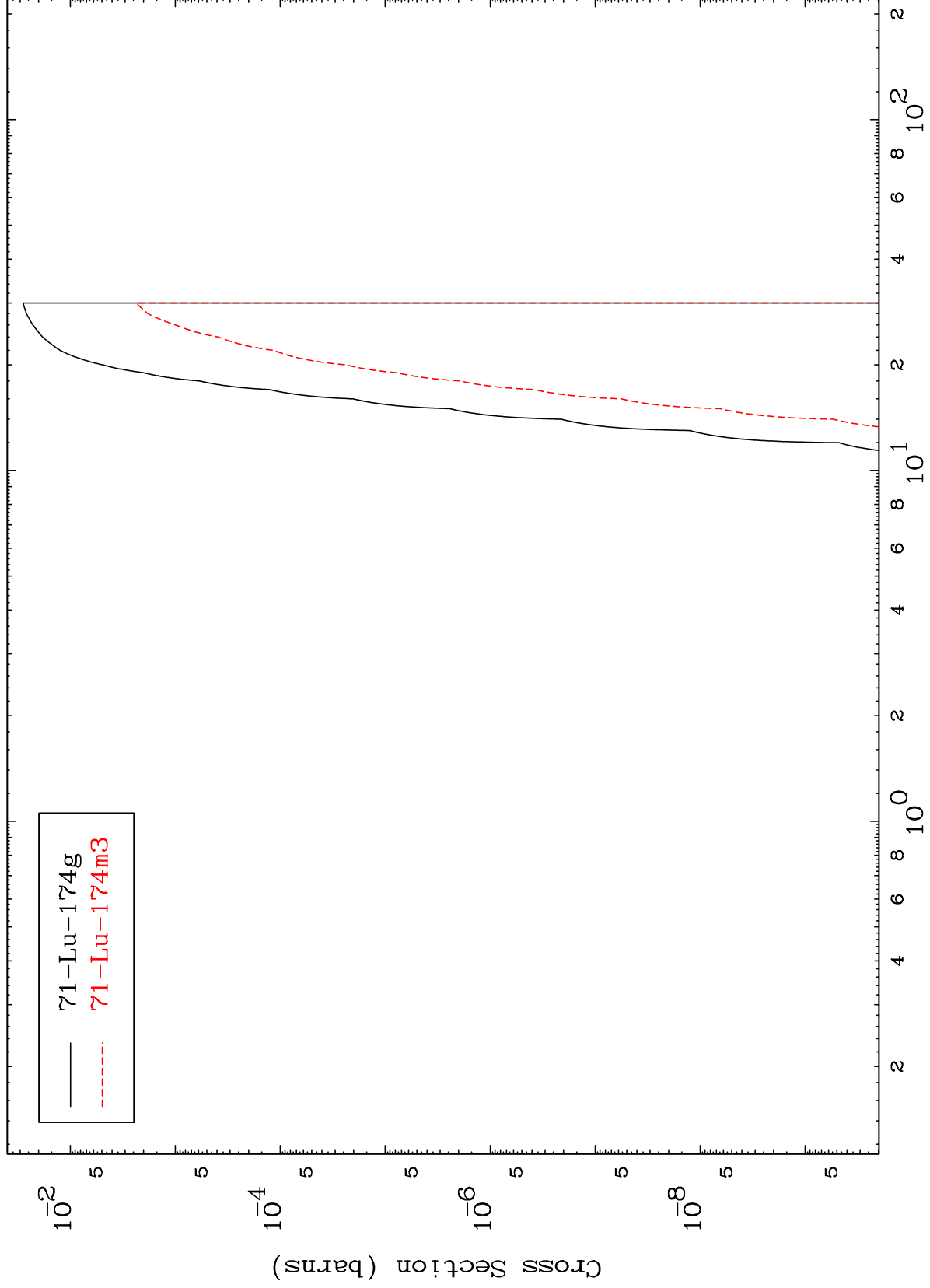
<sup>71</sup>Lu-174

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(n,He-3)

71-Lu-174

Radionuclide Production Cross Section



16

Incident Energy (MeV)

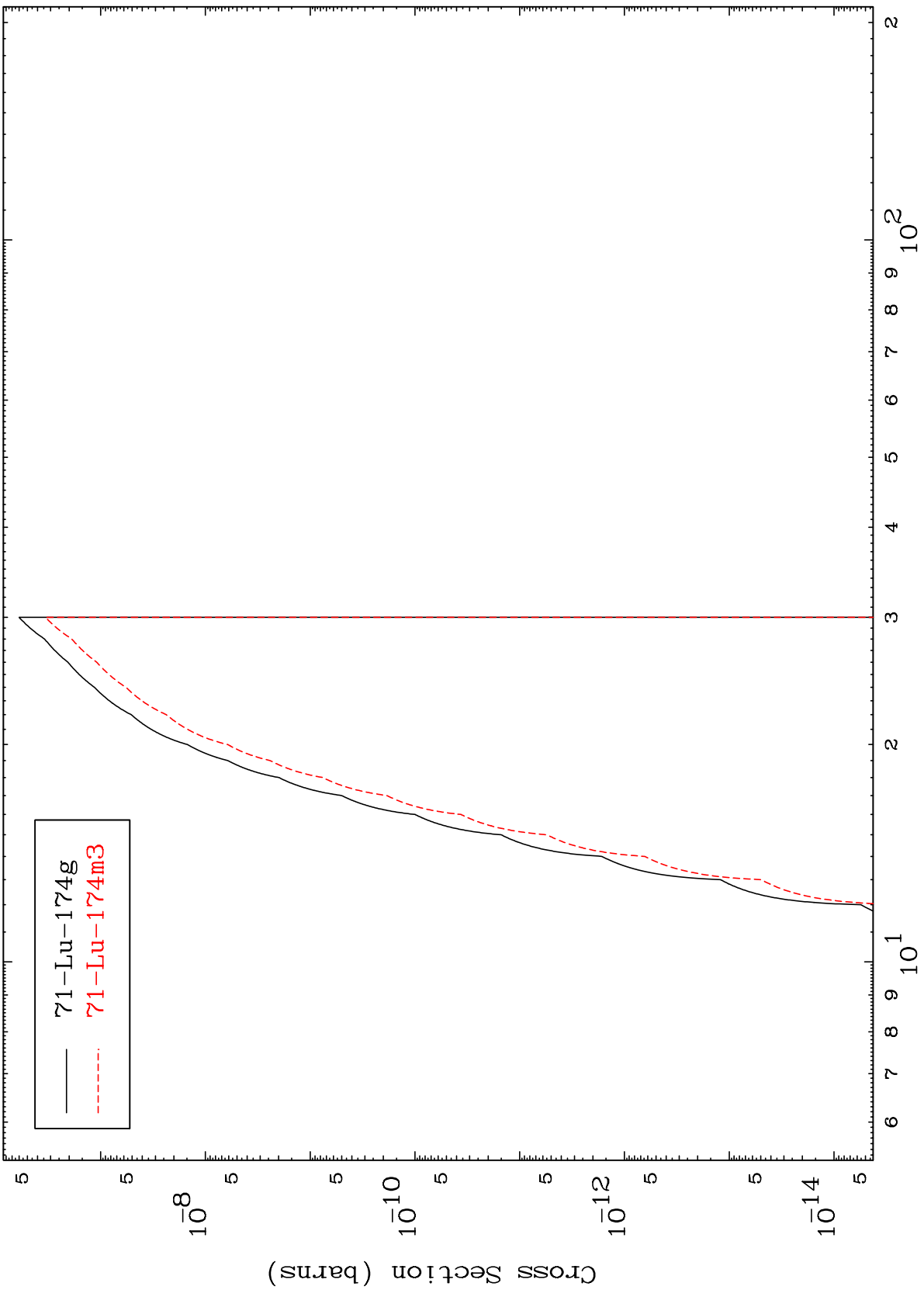
71-Lu-174

MAT 7122

(n,p) d

71-Lu-174

Radionuclide Production Cross Section



17

Incident Energy (MeV)

71-Lu-174