

Program EVALPLOT  
(Version 2021-1)

by

Dermott E. Cullen  
(Present Contact Information)

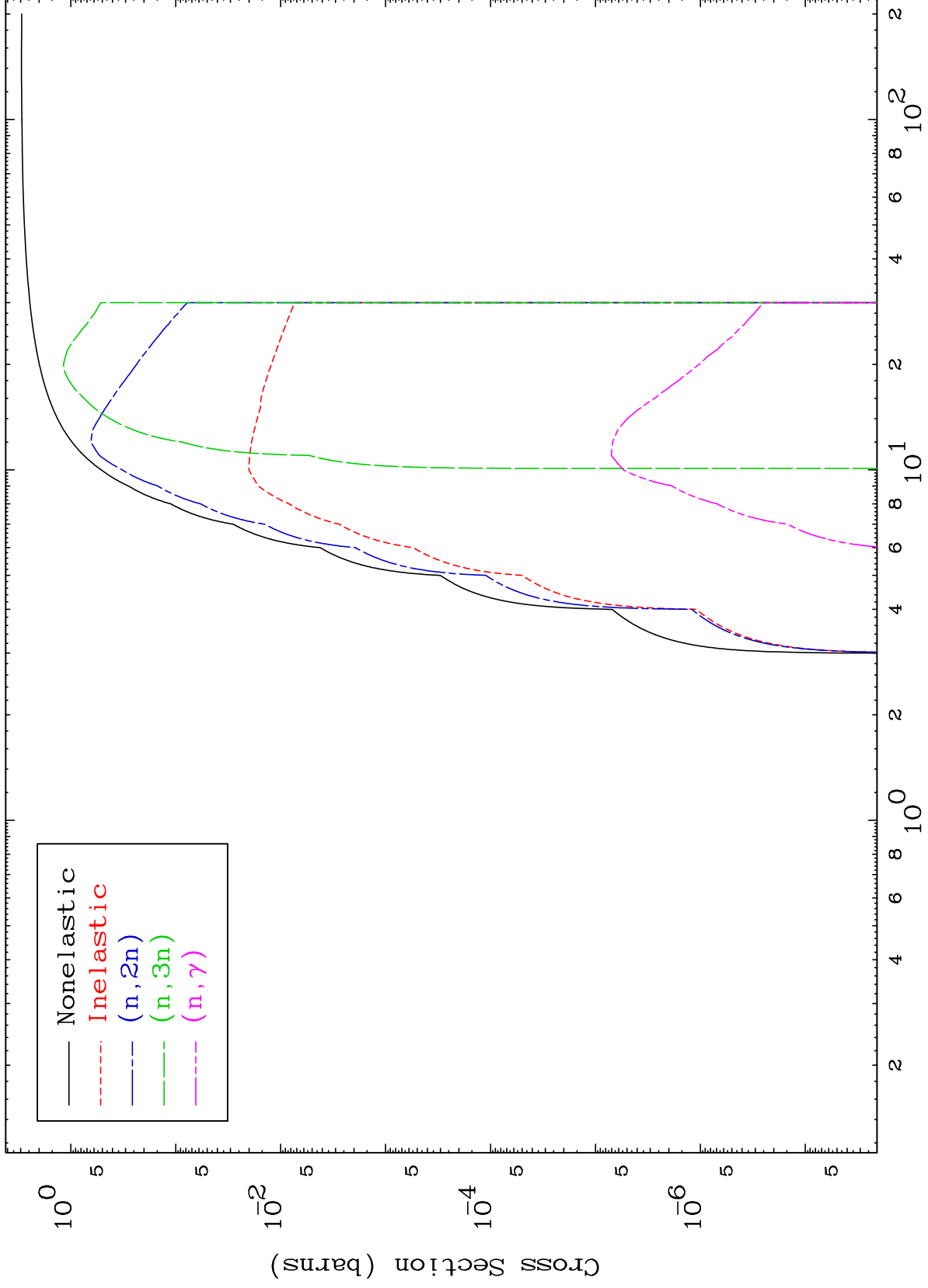
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

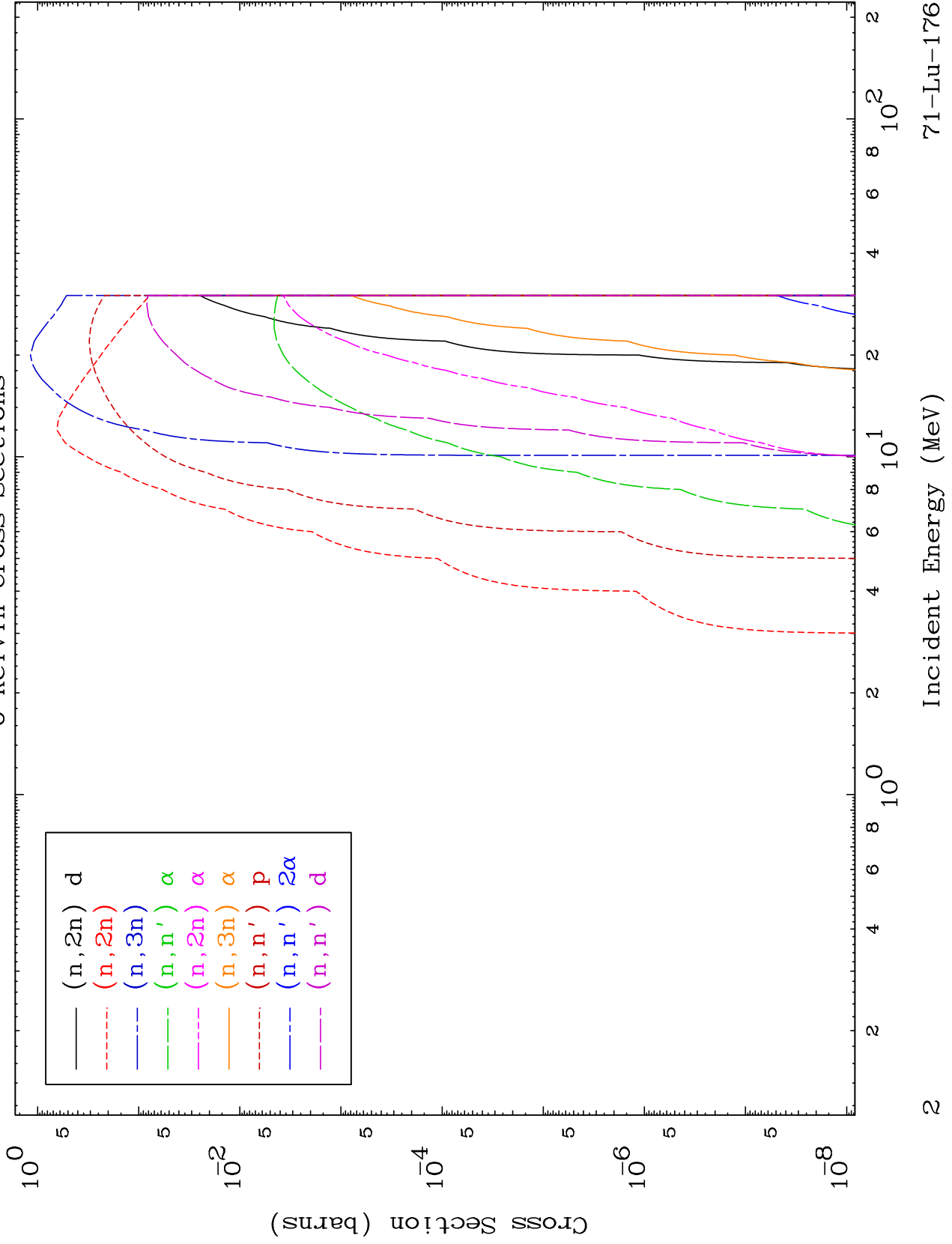
Tele: 925-443-1911

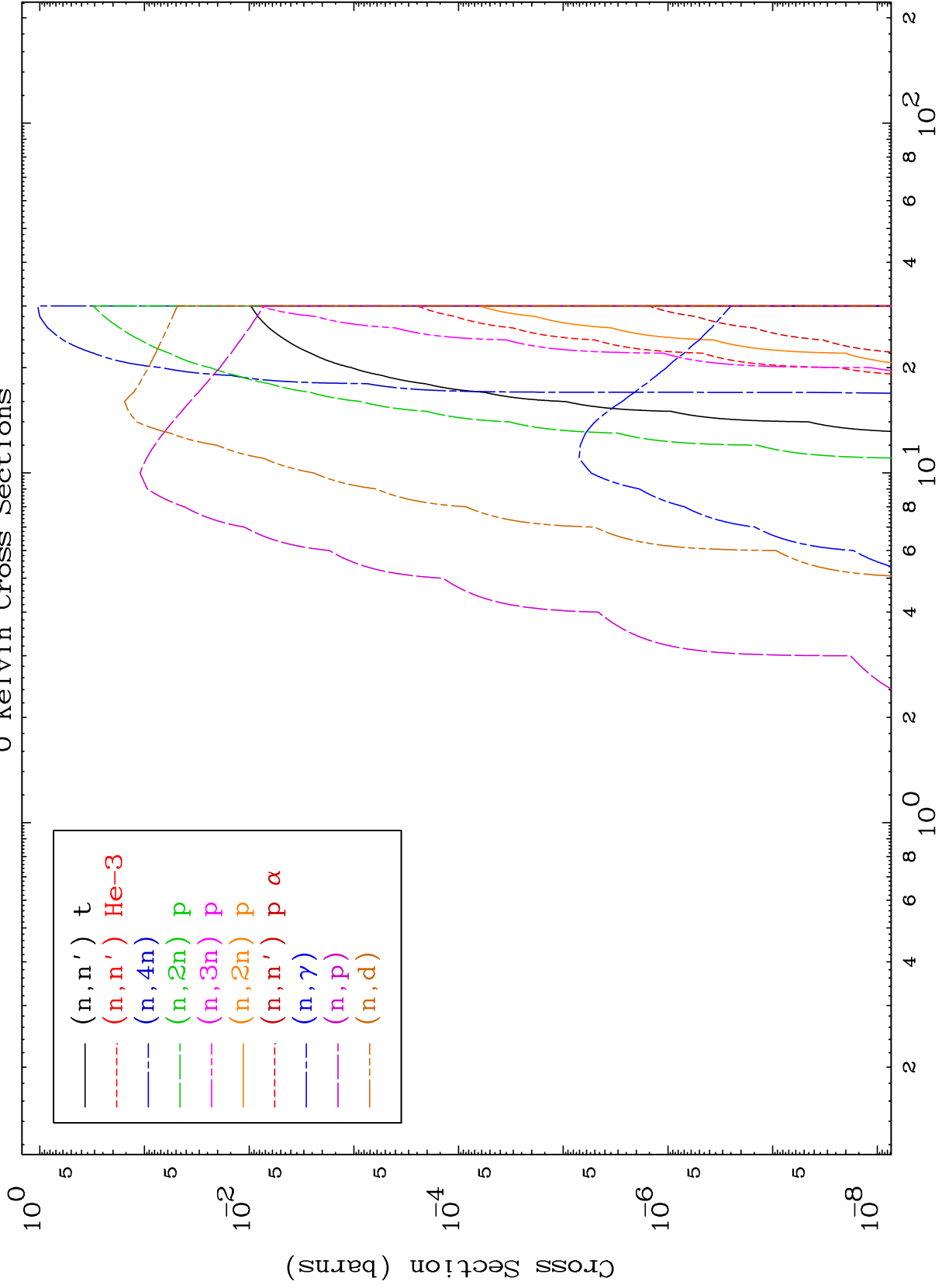
E.Mail:redcullen1@comcast.net

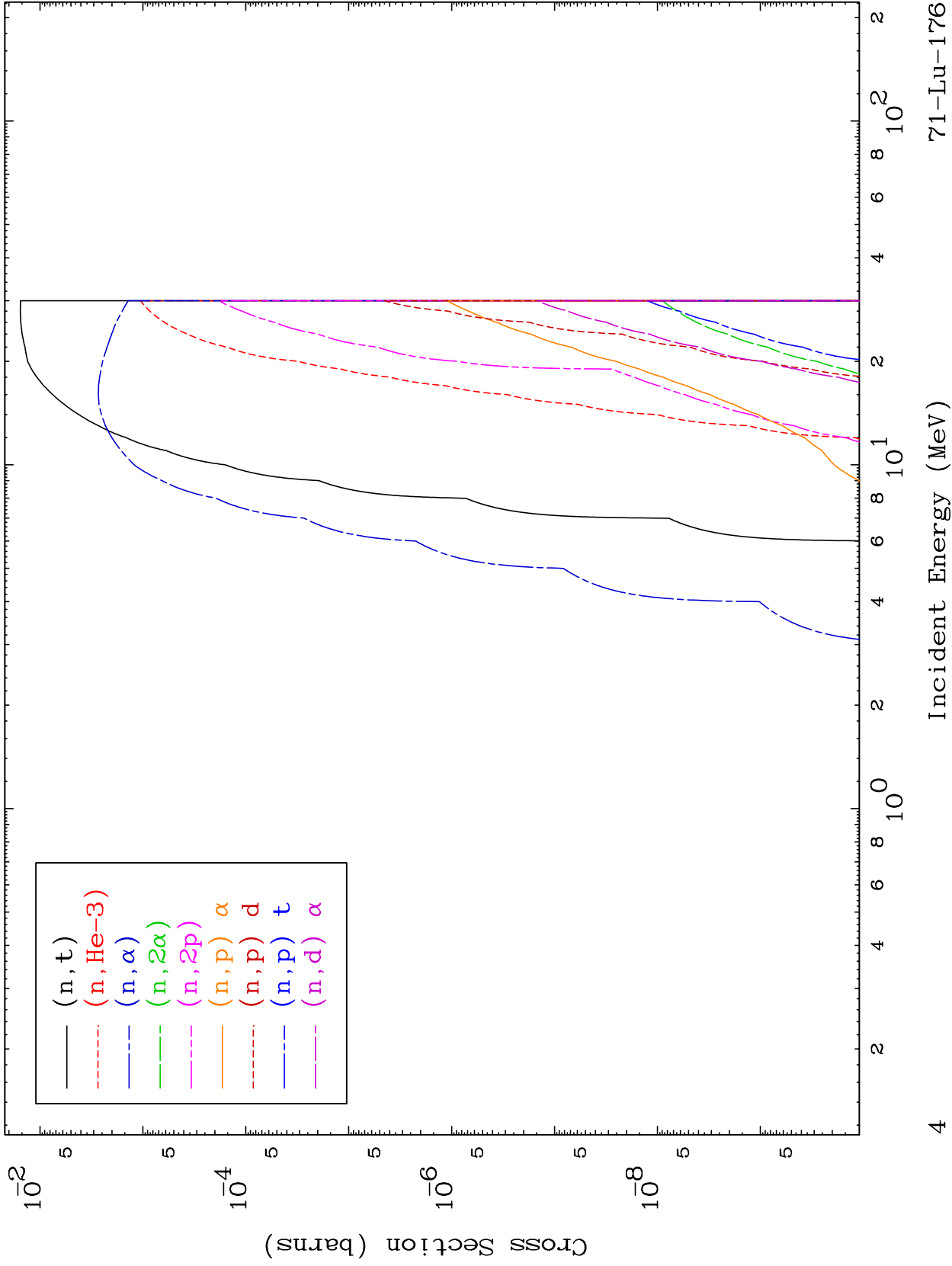
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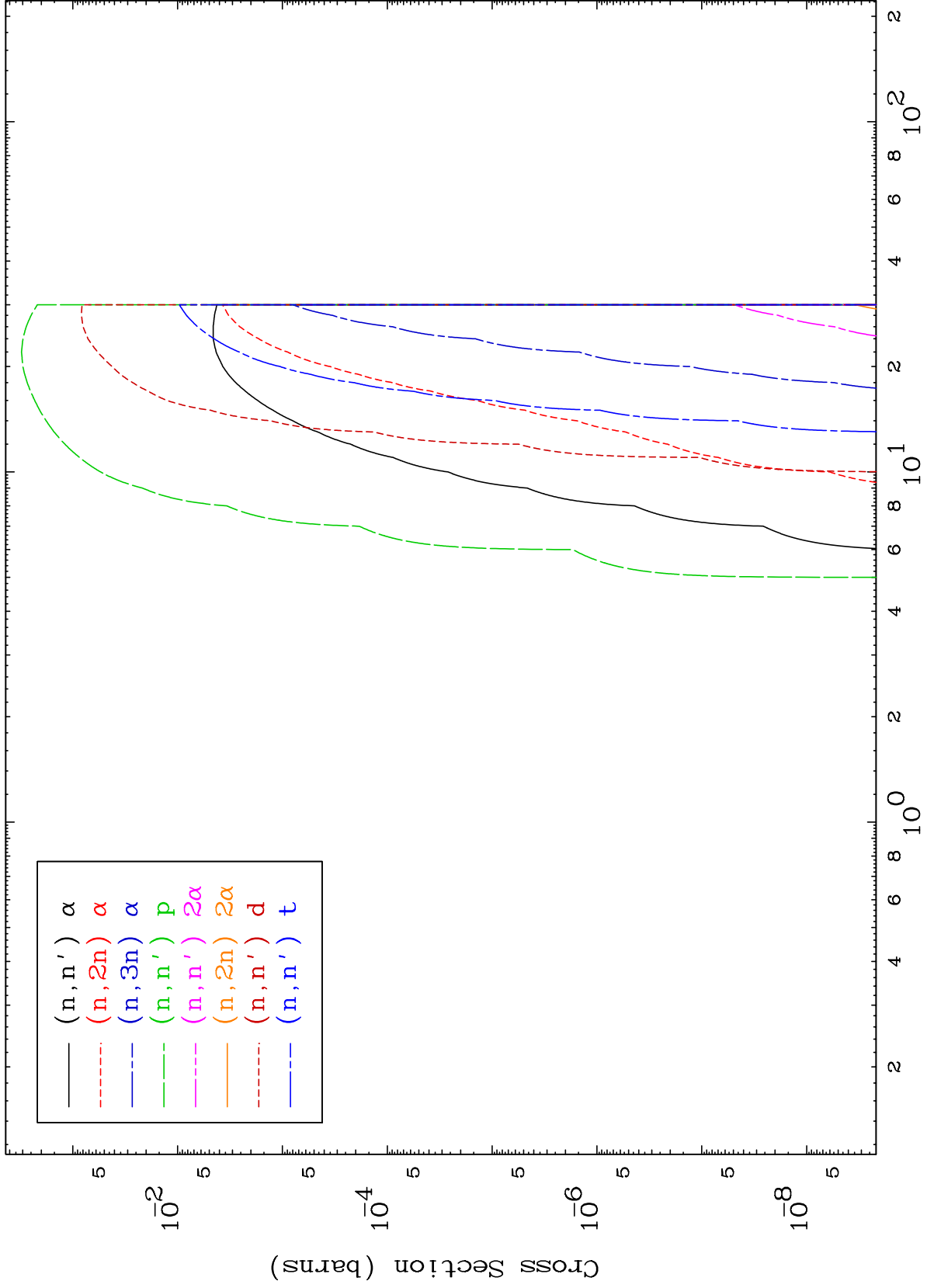
Press Mouse Button to Start

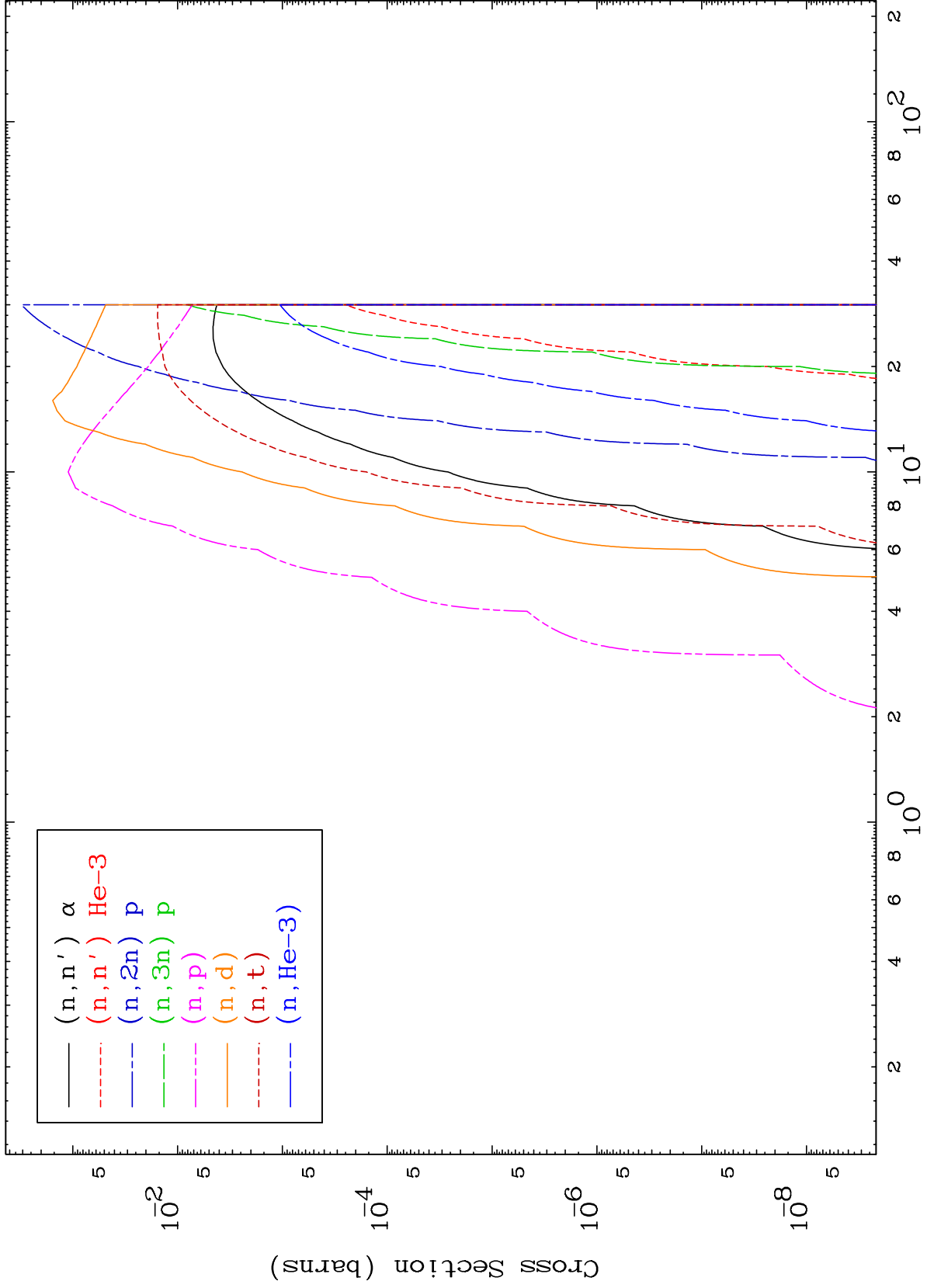


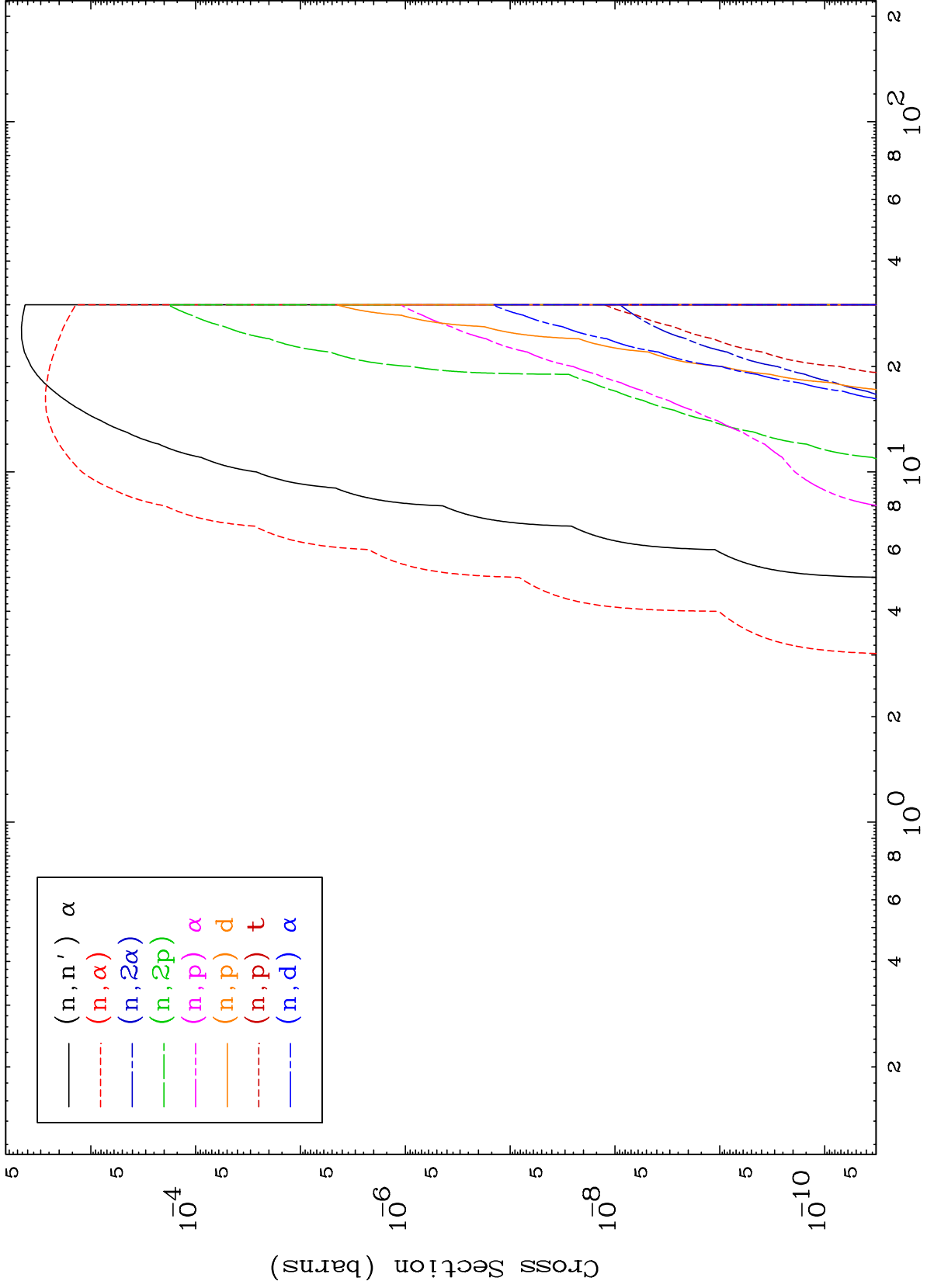










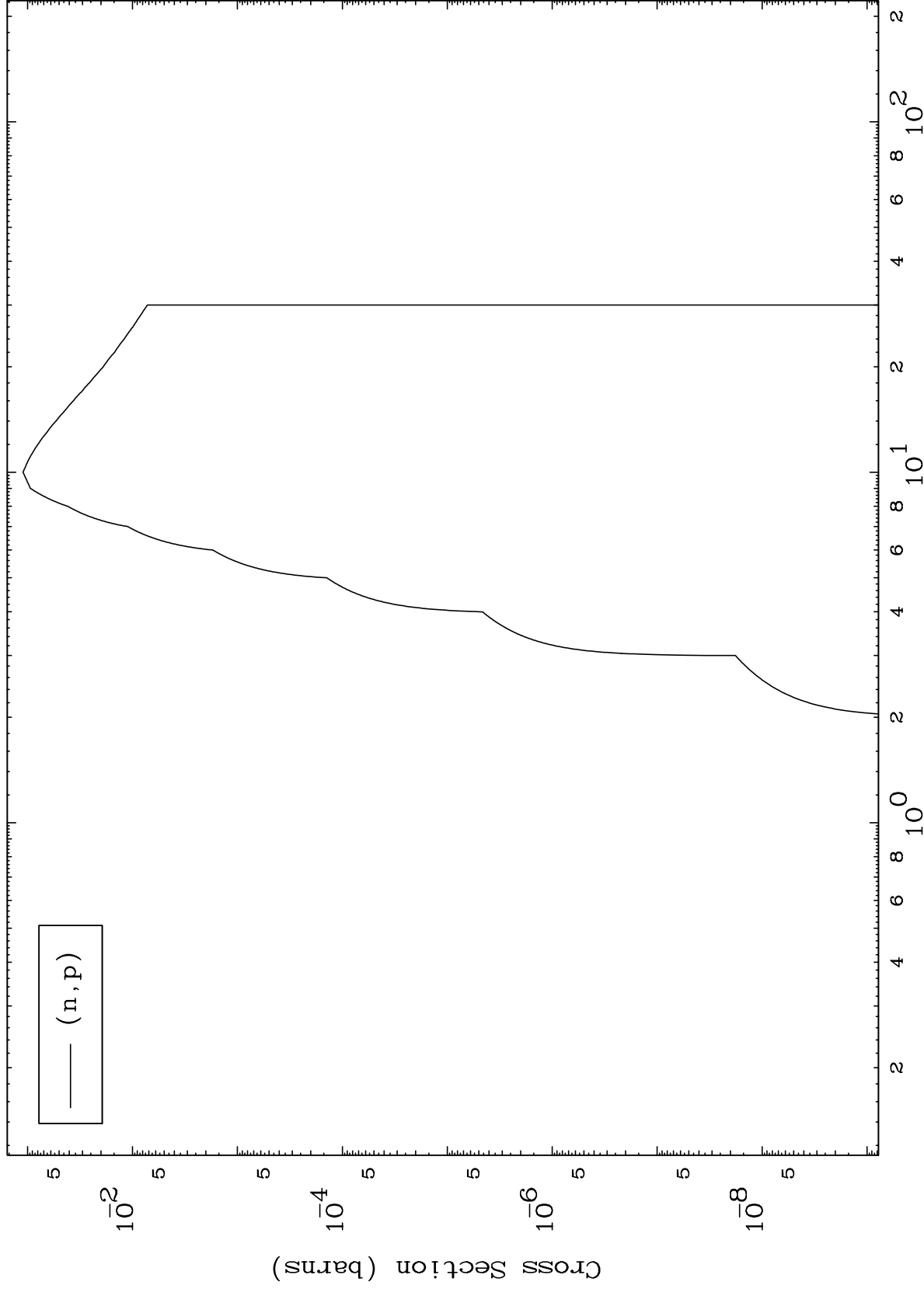


MAT 7128

(d,p) Levels

71-Lu-176

0 Kelvin Cross Sections

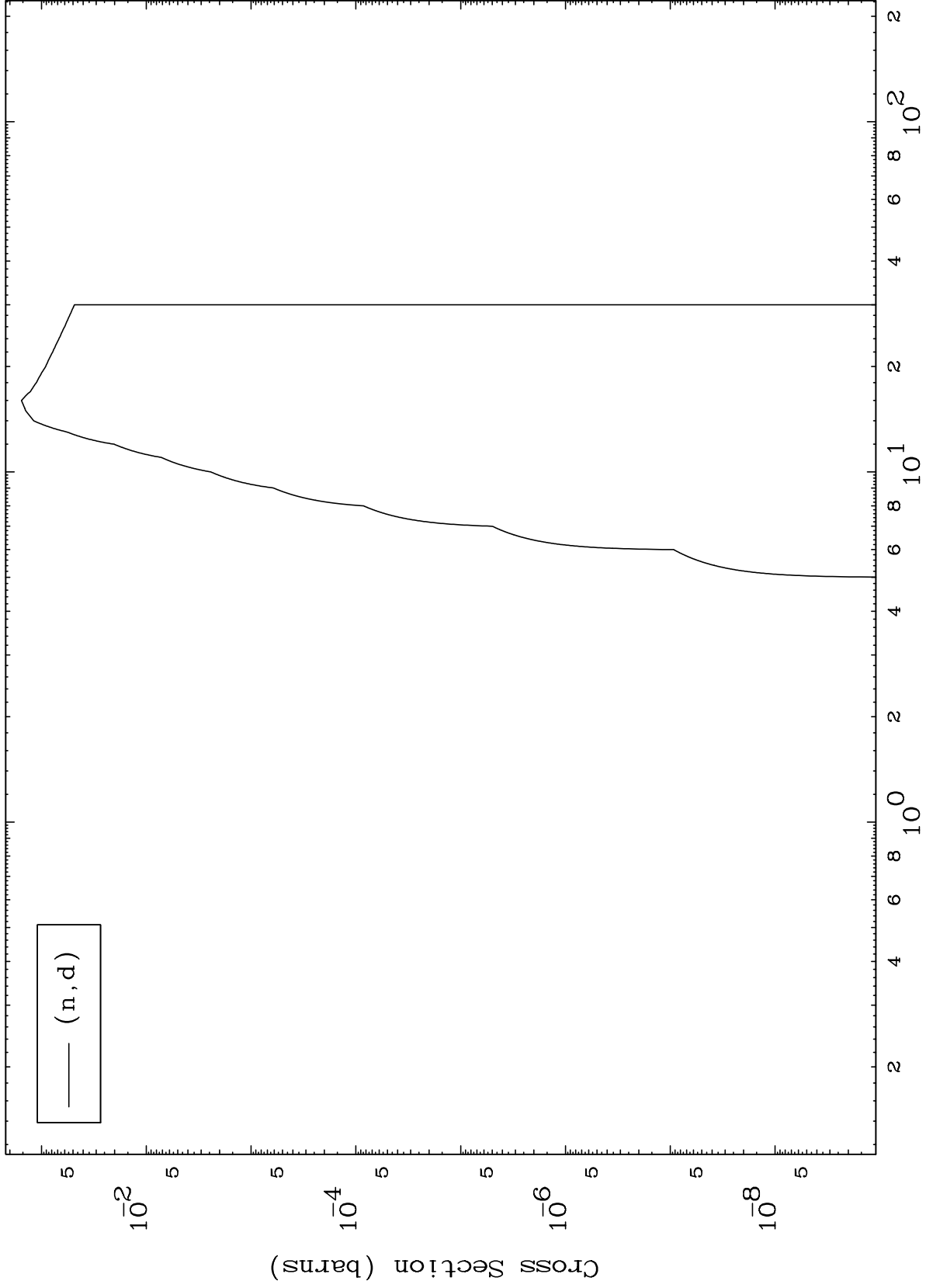


MAT 7128

(d,d) Levels

<sup>71</sup>Lu-176

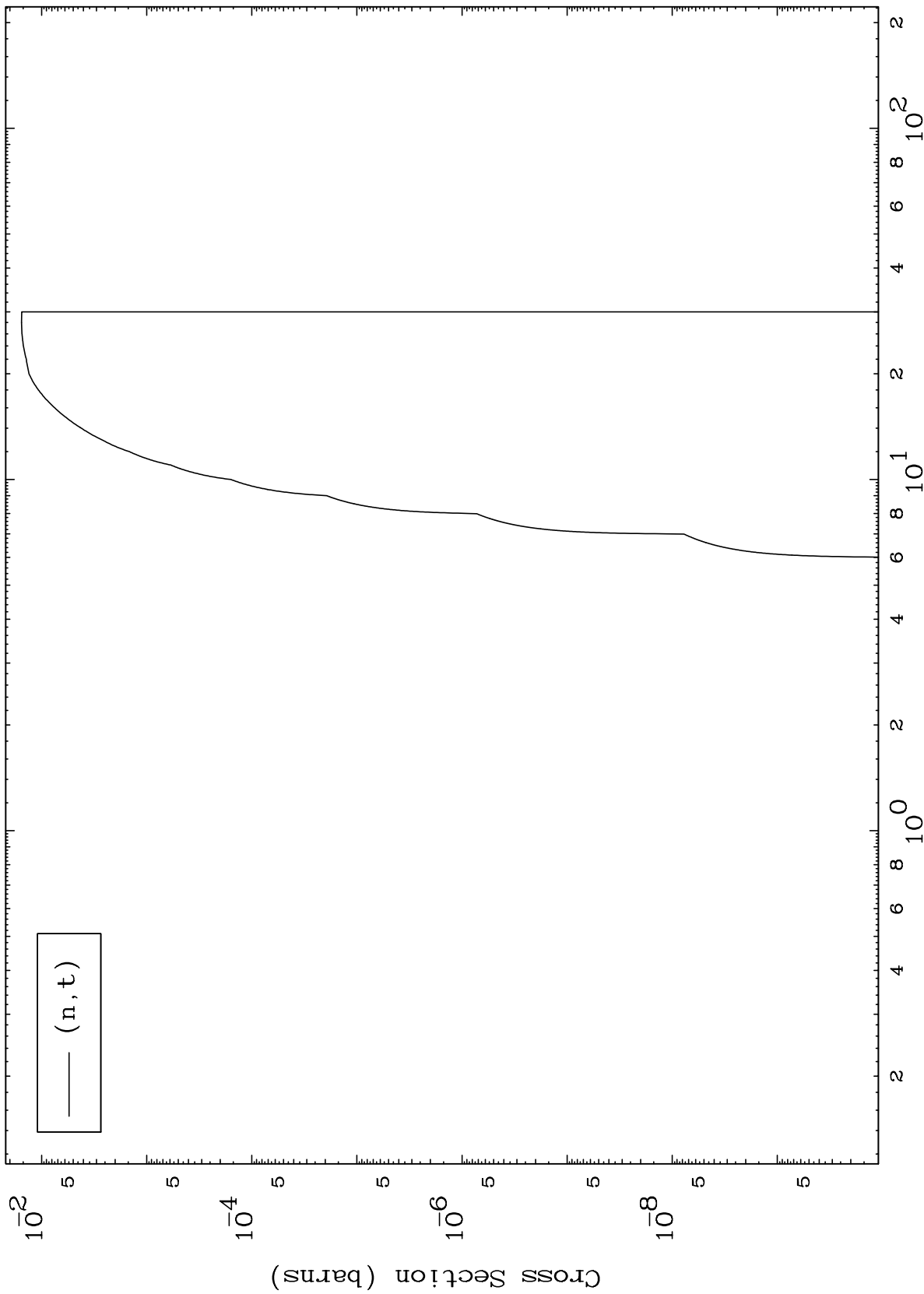
0 Kelvin Cross Sections



MAT 7128

71-Lu-176

(d,t) Levels  
0 Kelvin Cross Sections



71-Lu-176

Incident Energy (MeV)

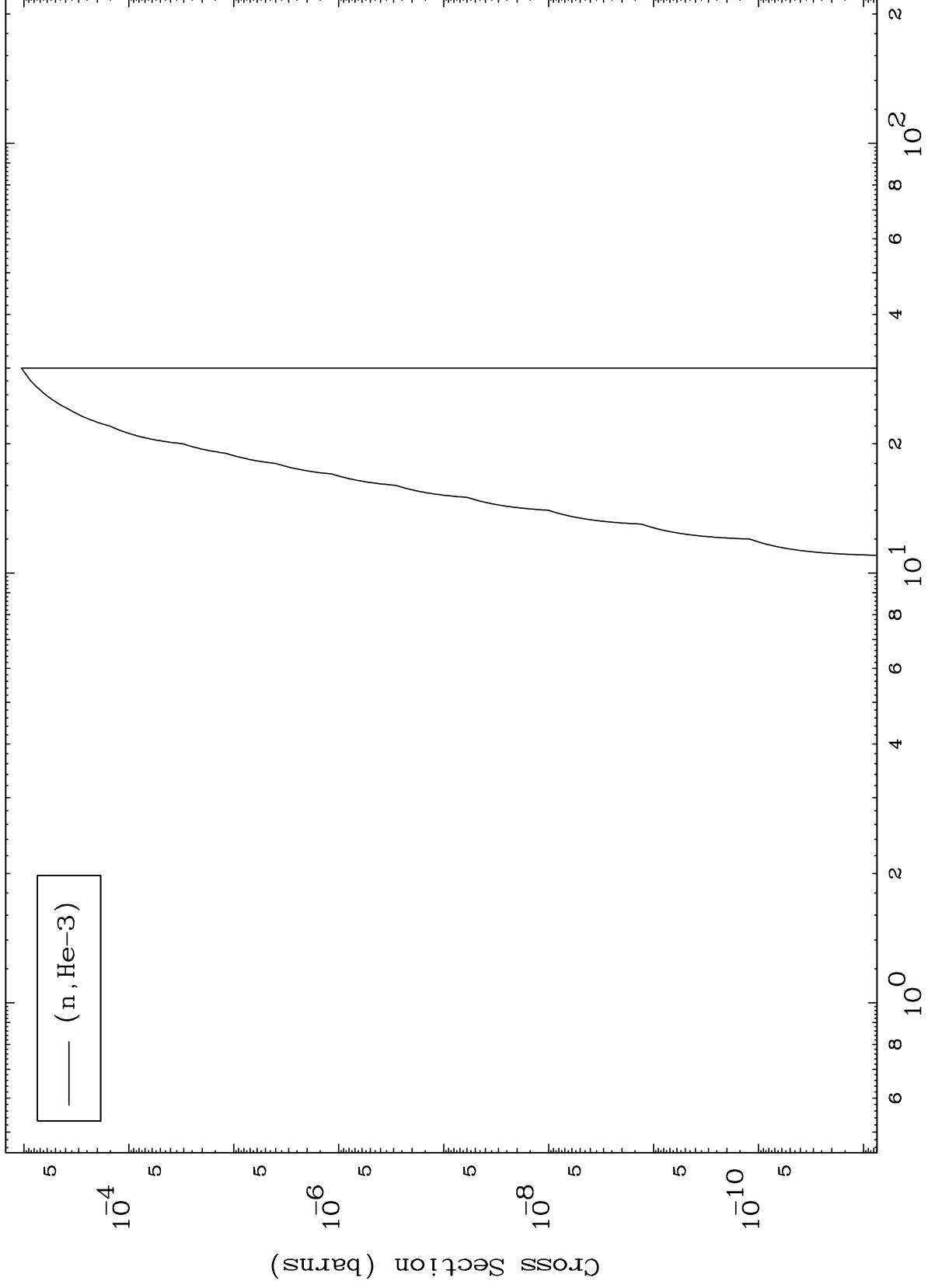
10

MAT 7128

(d,He3) Levels

71-Lu-176

0 Kelvin Cross Sections



11

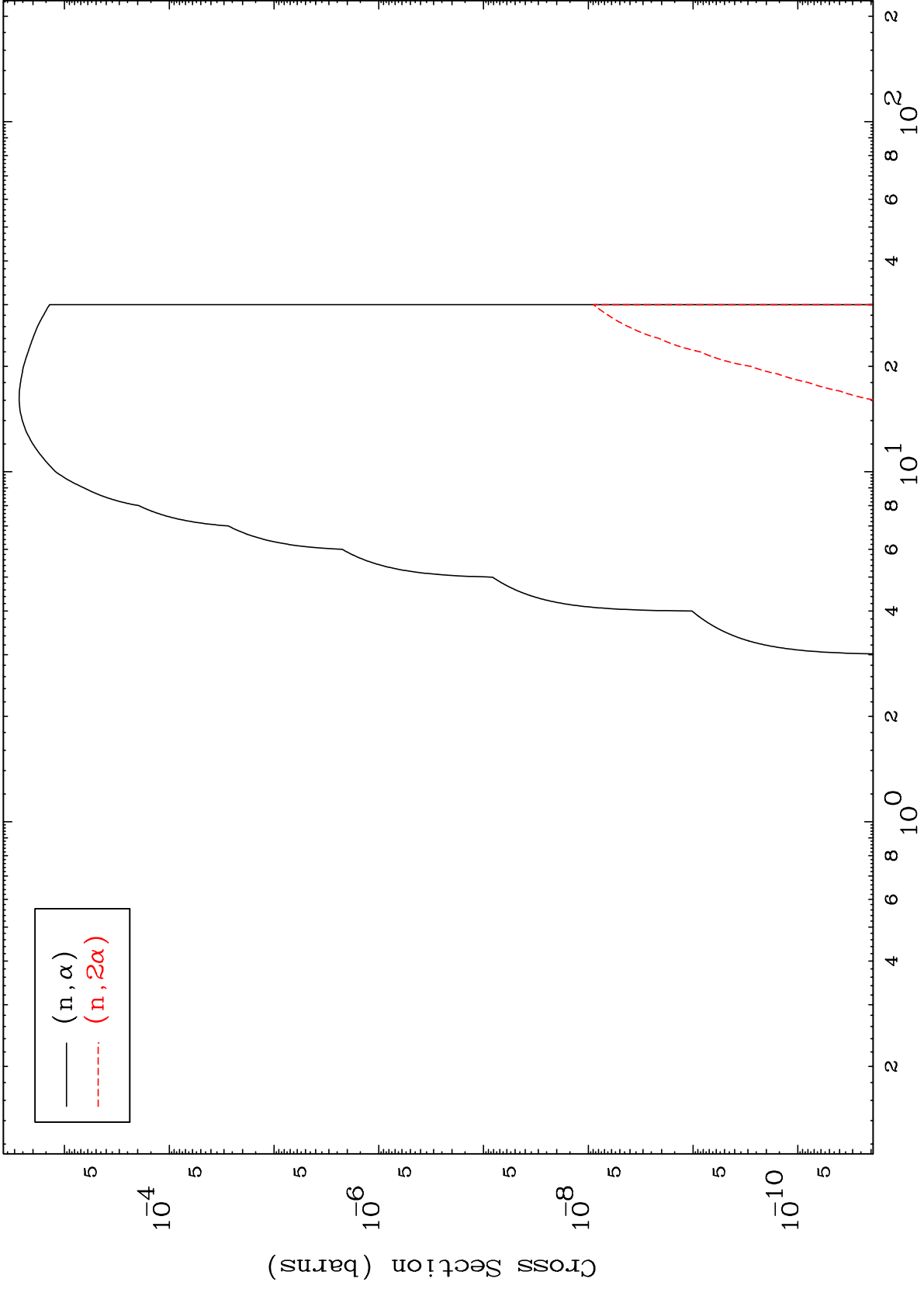
Incident Energy (MeV)

71-Lu-176

MAT 7128

(d,  $\alpha$ ) Levels  
0 Kelvin Cross Sections

<sup>71</sup>Lu-176



12

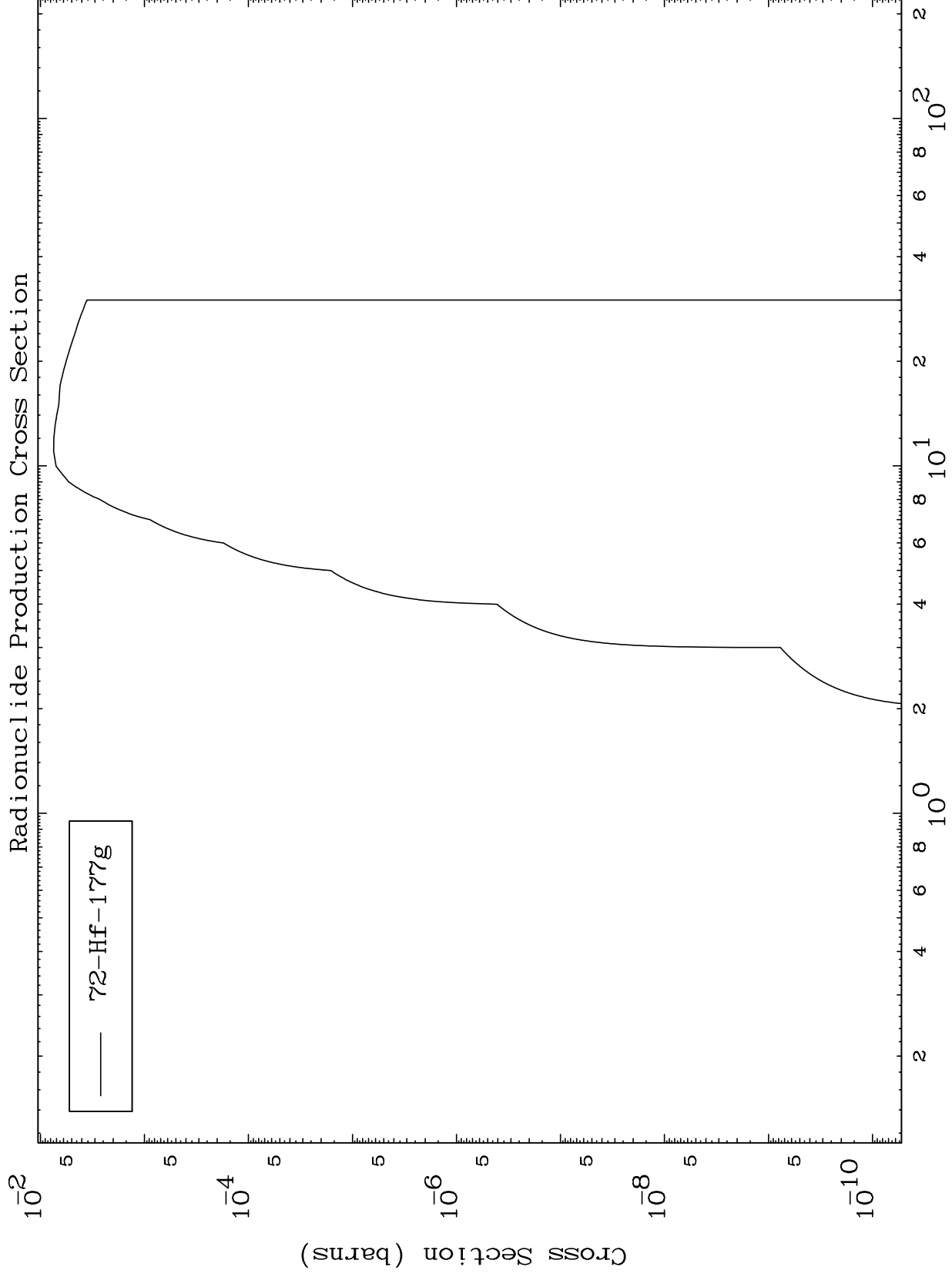
Incident Energy (MeV)

<sup>71</sup>Lu-176

MAT 7128

71-Lu-176

Inelastic  
Radionuclide Production Cross Section



71-Lu-176

Incident Energy (MeV)

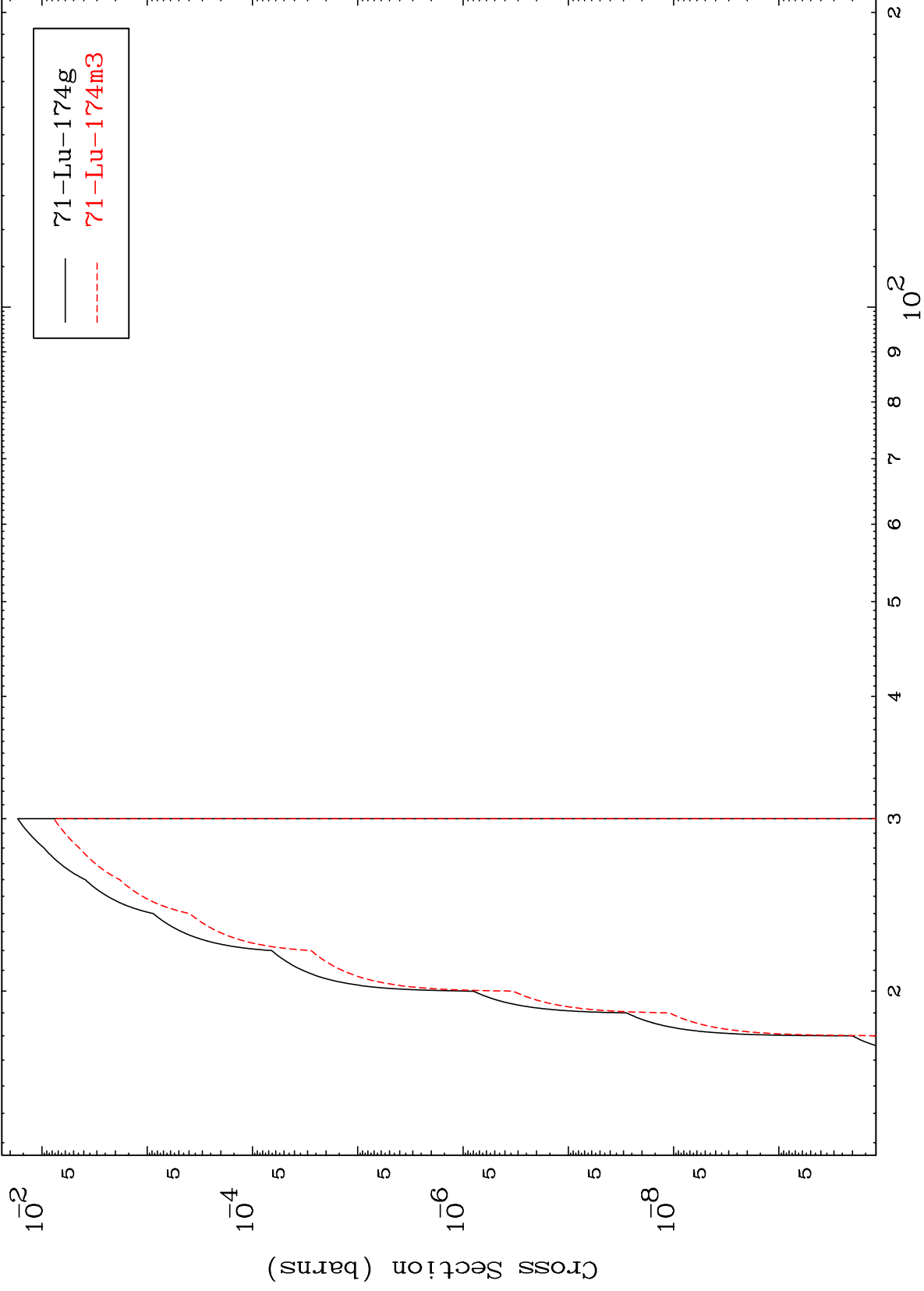
13

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(n,2n) d

<sup>71</sup>Lu-176

Radionuclide Production Cross Section



14

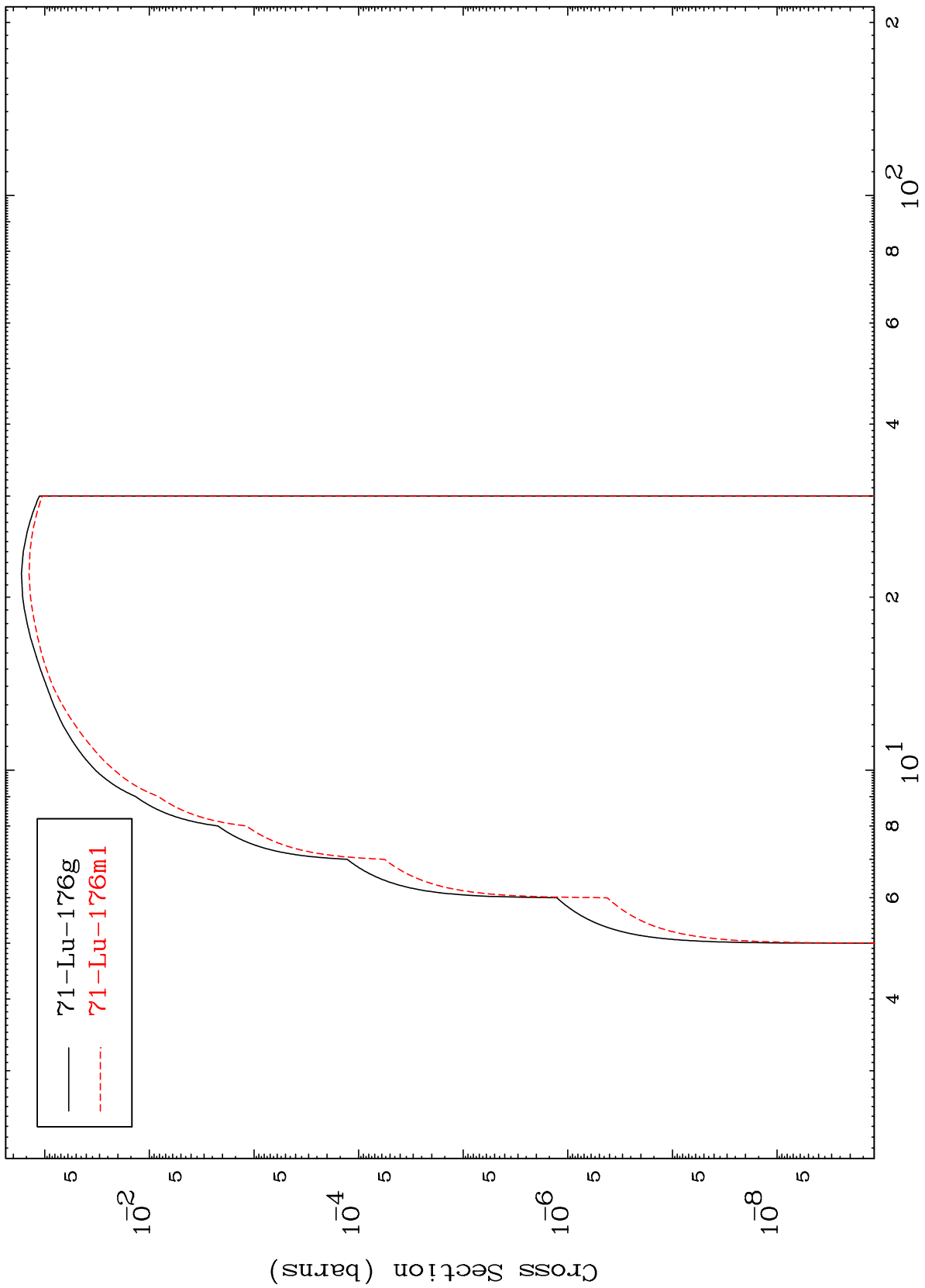
Incident Energy (MeV)

<sup>71</sup>Lu-176

MAT 7128

<sup>71</sup>Lu-176

(n,n') p  
Radionuclide Production Cross Section



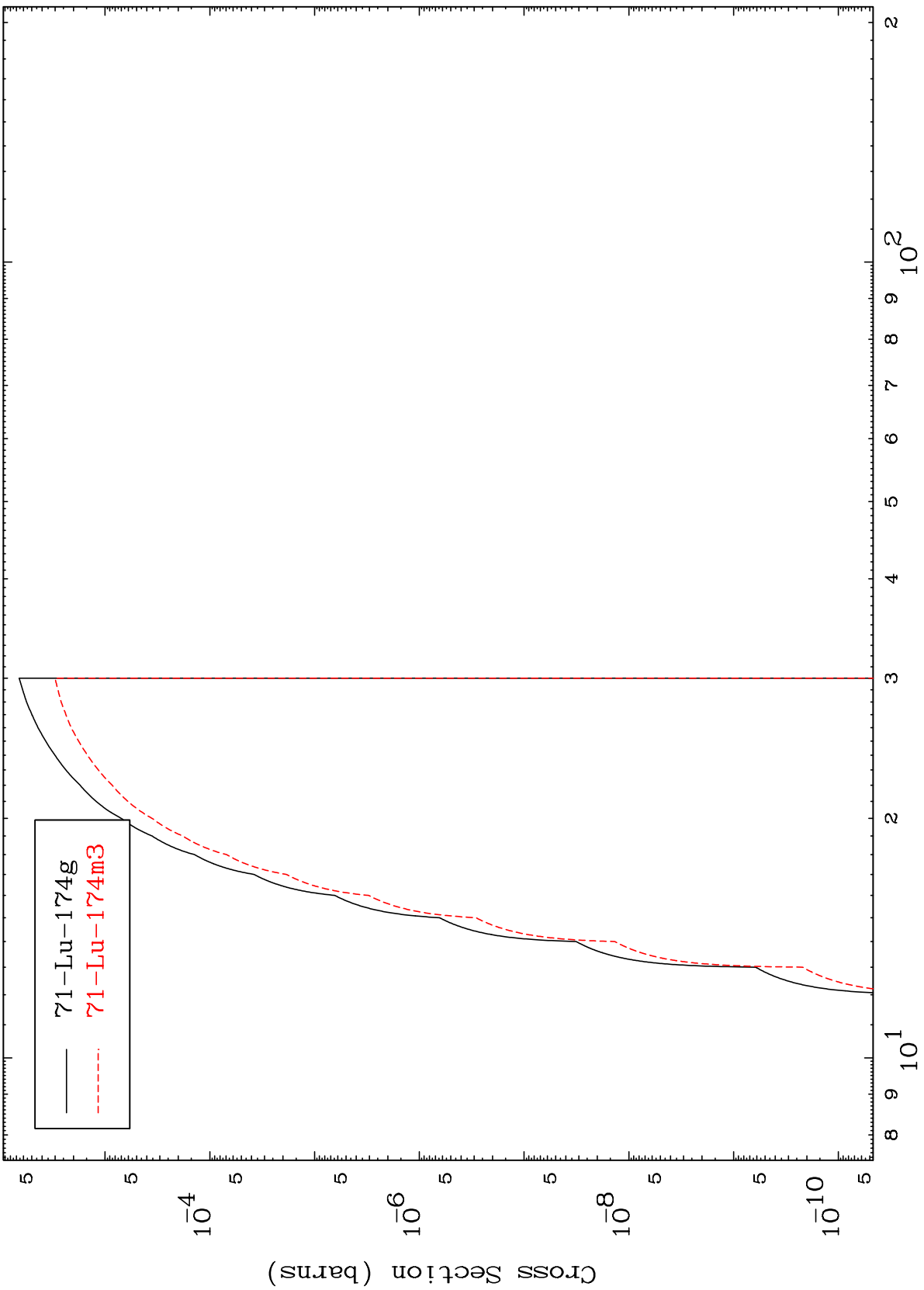
— <sup>71</sup>Lu-176g  
- - - <sup>71</sup>Lu-176m1

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(n,n') t

<sup>71</sup>Lu-176

Radionuclide Production Cross Section



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

16

Incident Energy (MeV)

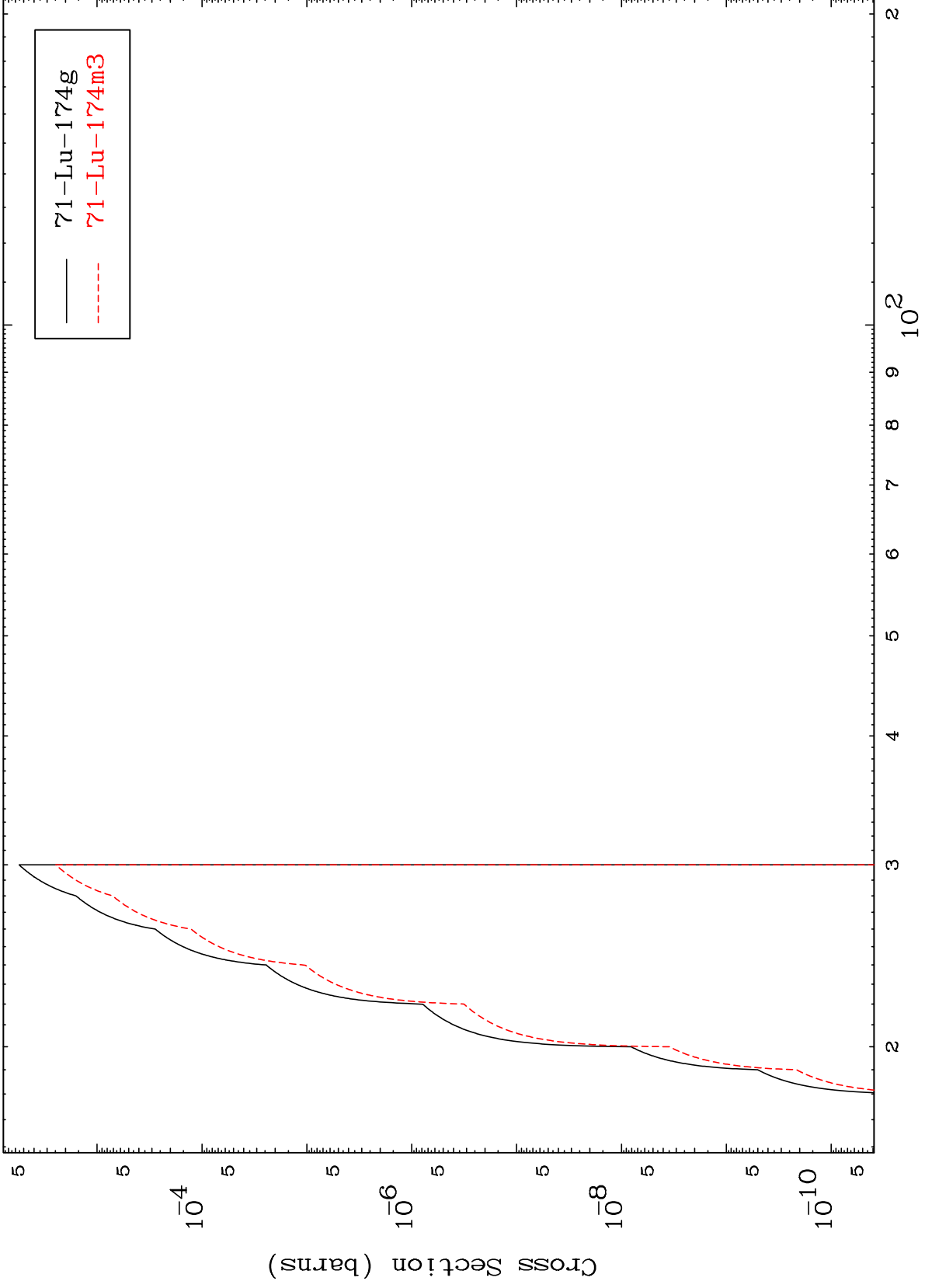
<sup>71</sup>Lu-176

MAT 7128

(n,3n) p

<sup>71</sup>Lu-176

Radionuclide Production Cross Section



17

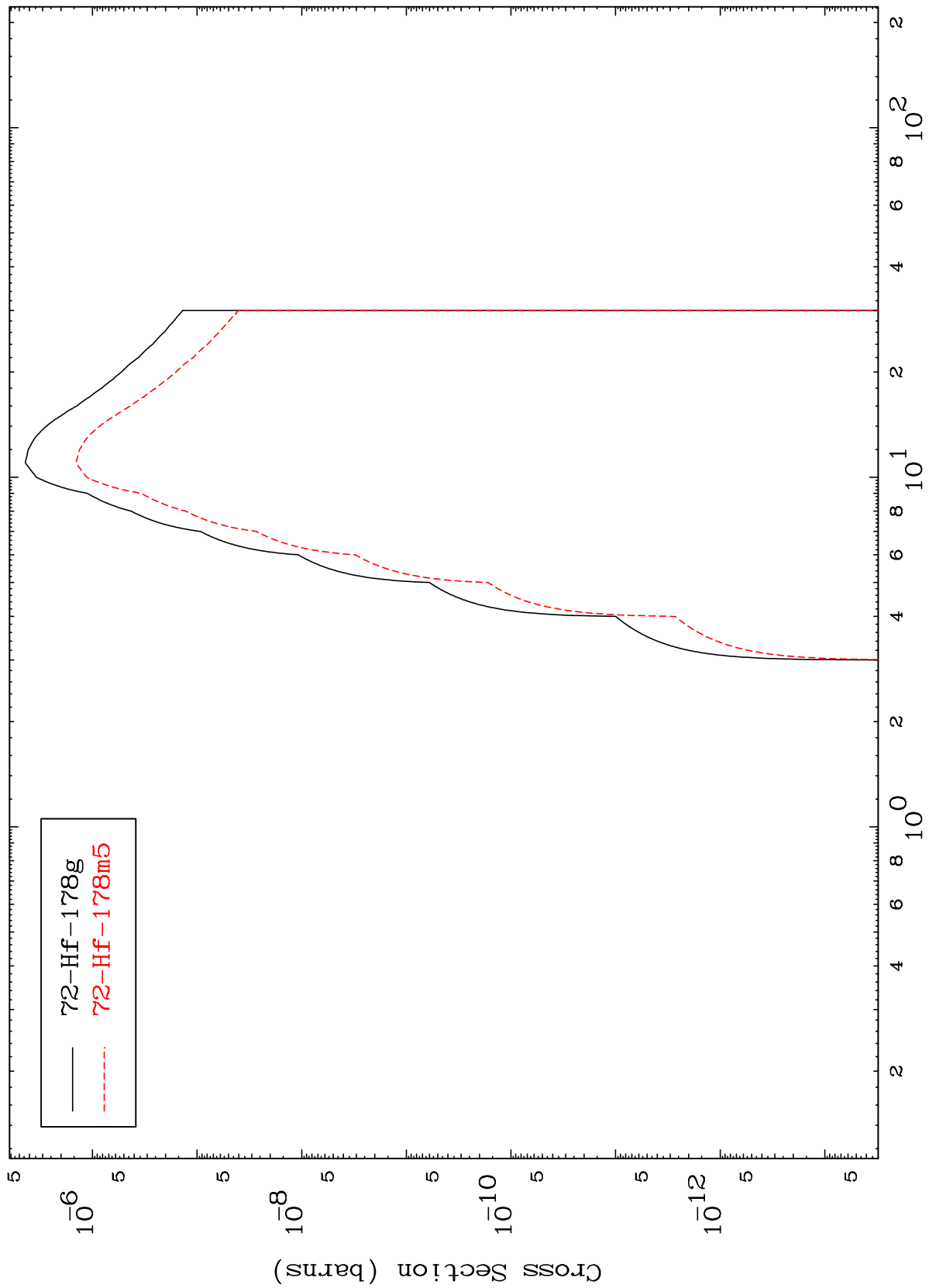
Incident Energy (MeV)

<sup>71</sup>Lu-176

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71-Lu-176

(n,  $\gamma$ )  
Radionuclide Production Cross Section



— 72-Hf-178g  
- - - 72-Hf-178m5

71-Lu-176

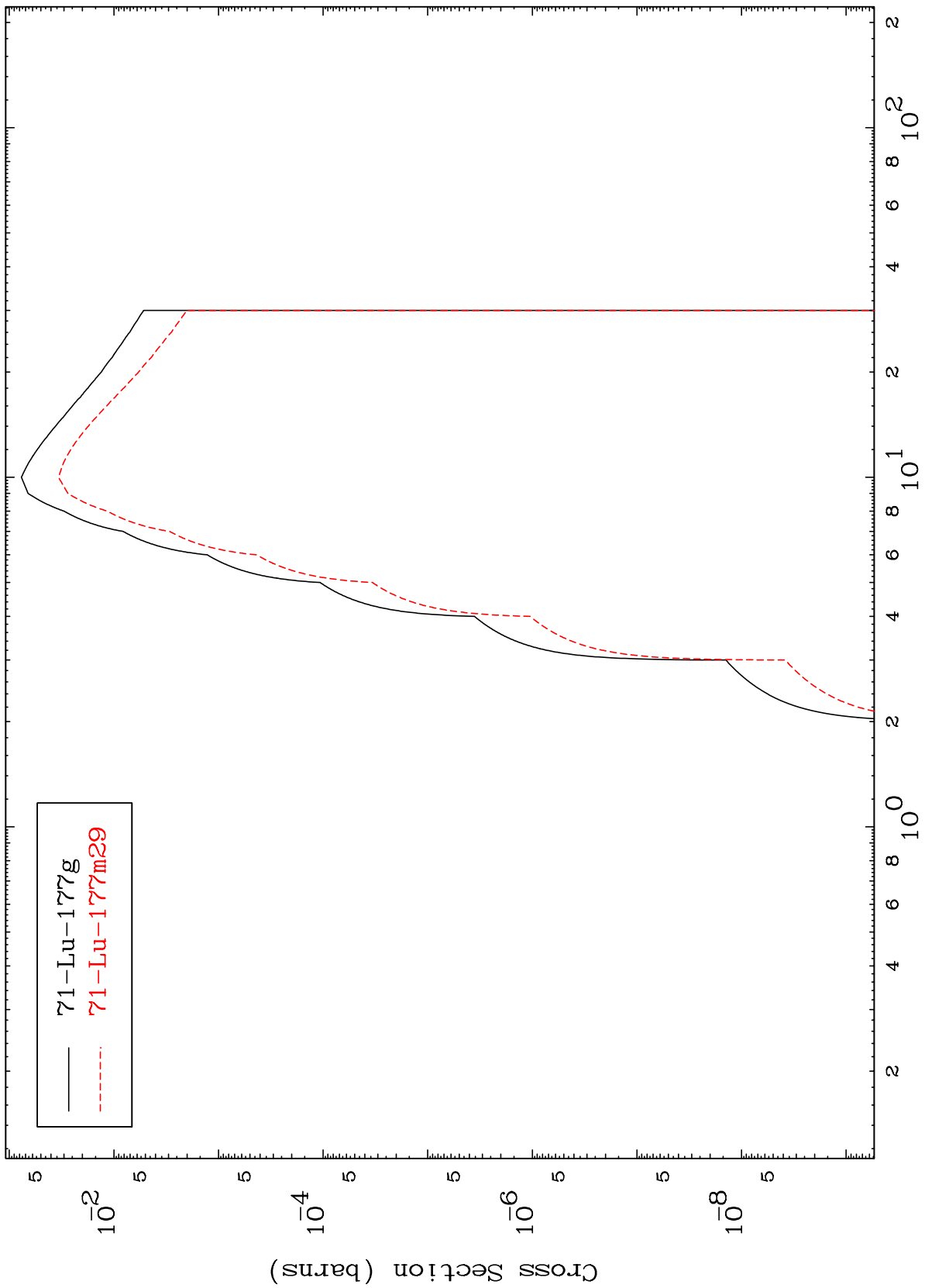
Incident Energy (MeV)

18

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71-Lu-176

(n,p)  
Radionuclide Production Cross Section



71-Lu-177g  
71-Lu-177m29

71-Lu-176

Incident Energy (MeV)

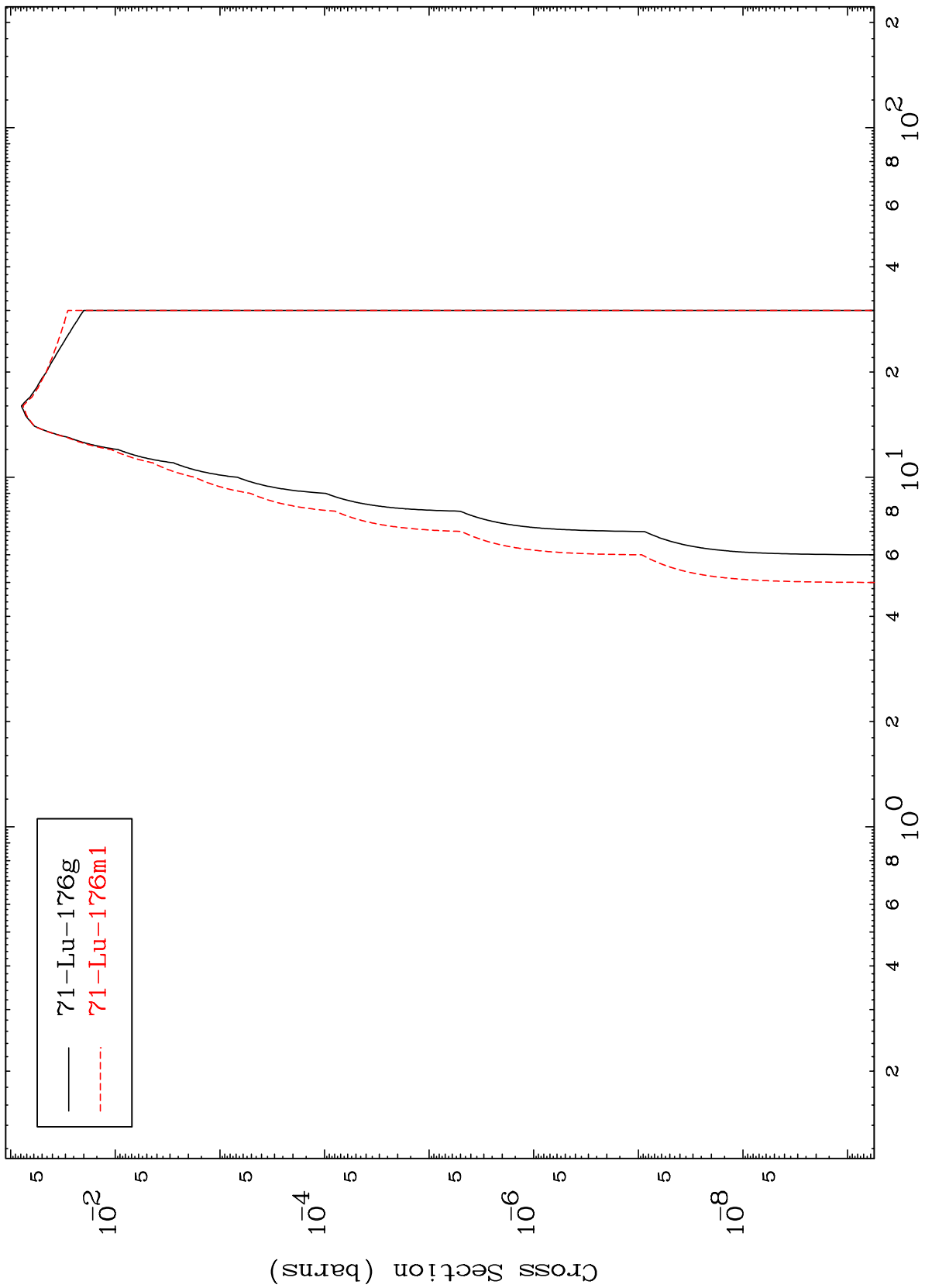
19

MAT 7128

(n,d)

<sup>71</sup>Lu-176

Radionuclide Production Cross Section



— 71Lu-176g  
- - - 71Lu-176m1

20

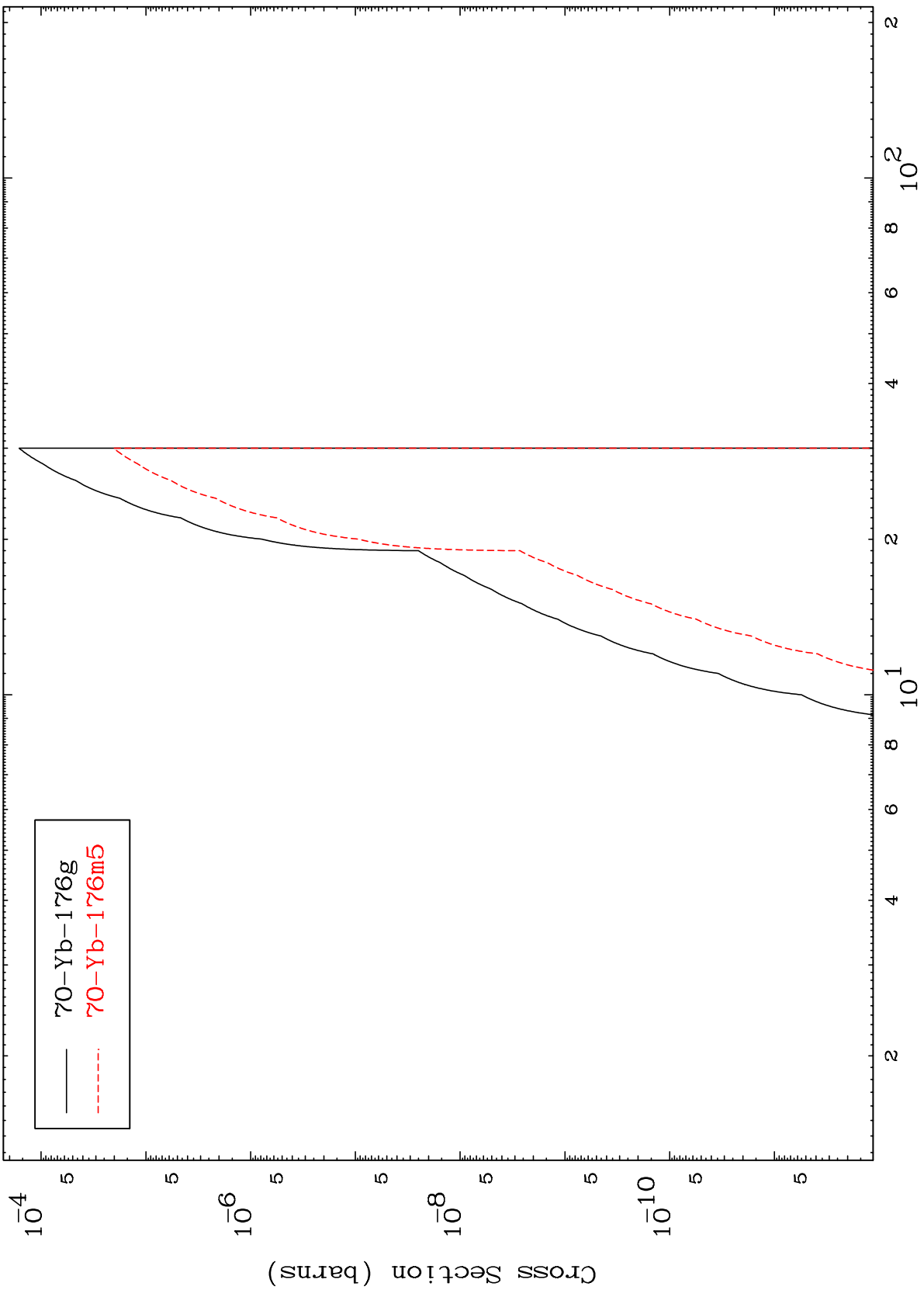
Incident Energy (MeV)

<sup>71</sup>Lu-176

MAT 7128

<sup>71</sup>Lu-176

(n,2p)  
Radionuclide Production Cross Section



<sup>71</sup>Lu-176