

Program EVALPLOT  
(Version 2018-1)

by

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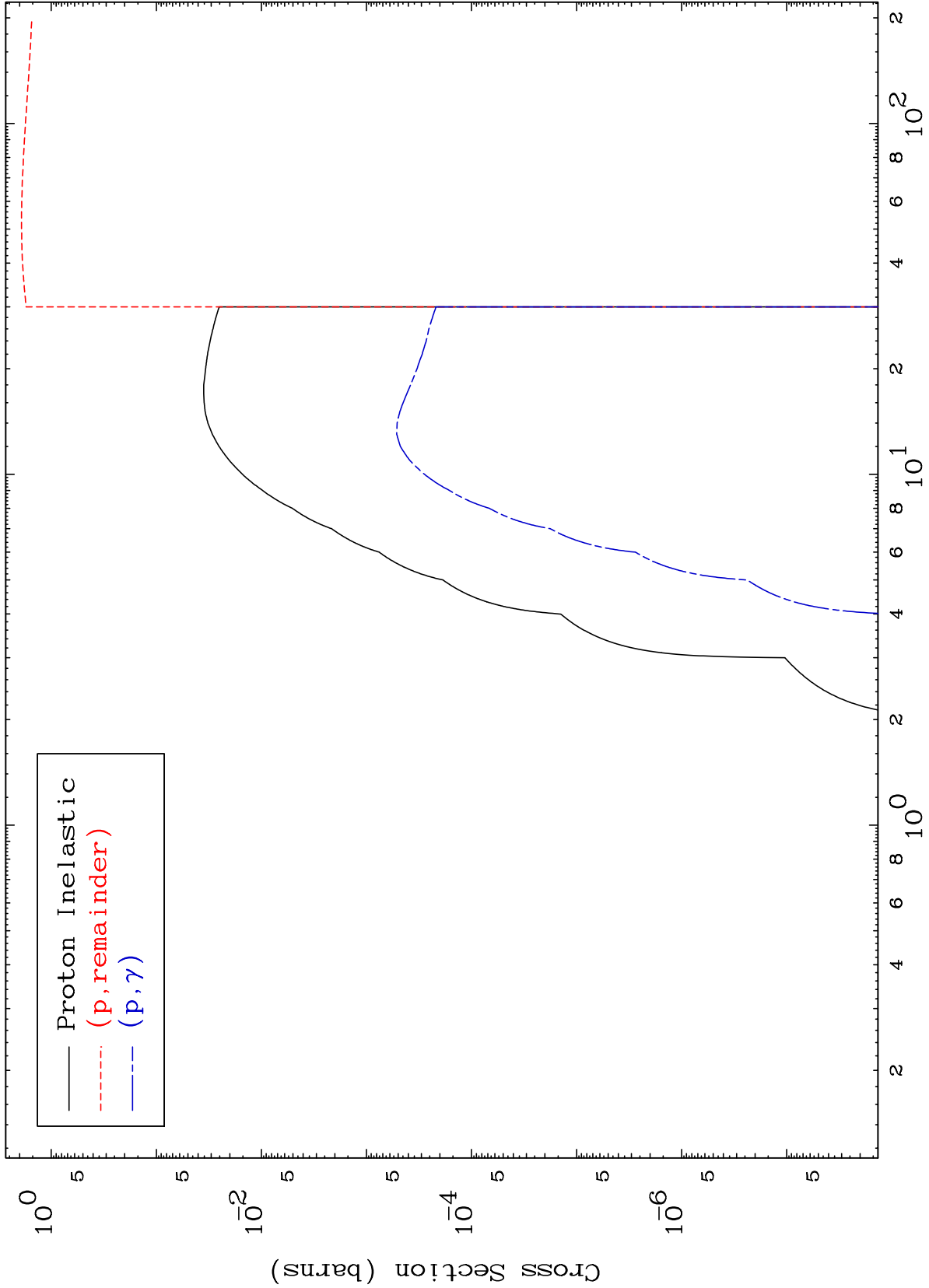
Press Mouse Button to Start

MAT 7143

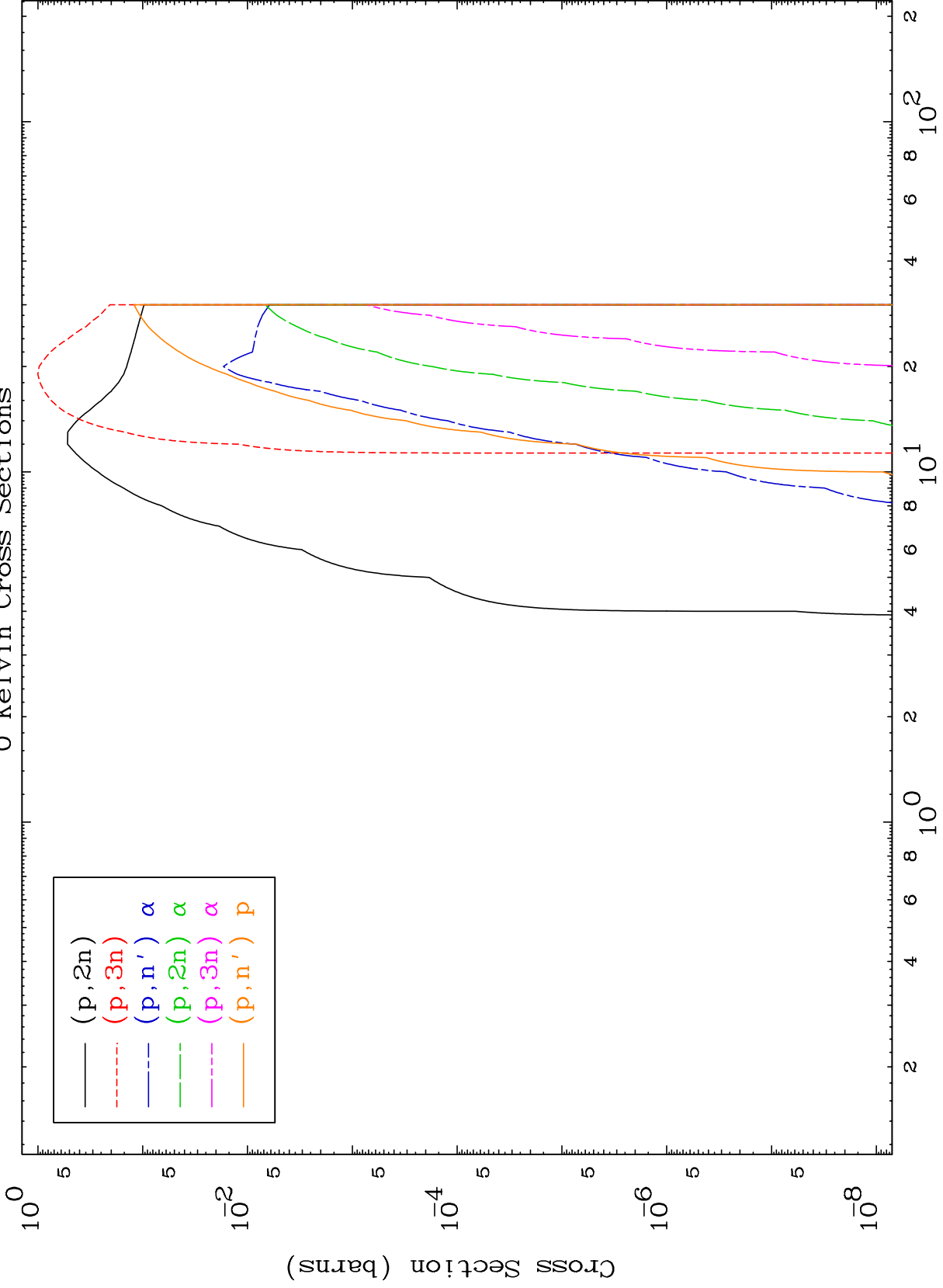
Proton Major

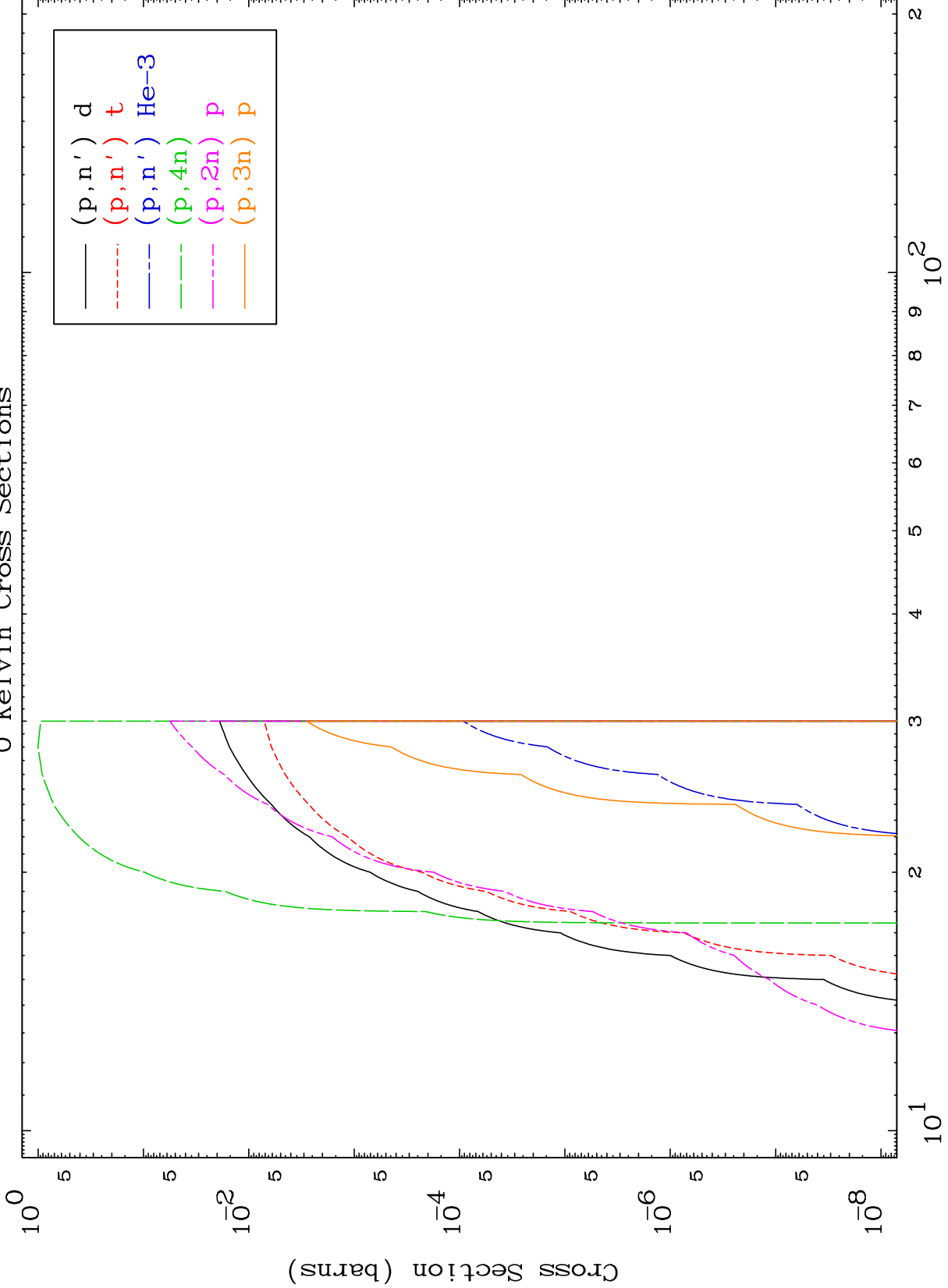
71-Lu-181

0 Kelvin Cross Sections



— Proton Inelastic  
- - - (p, remainder)  
- · - (p, γ)

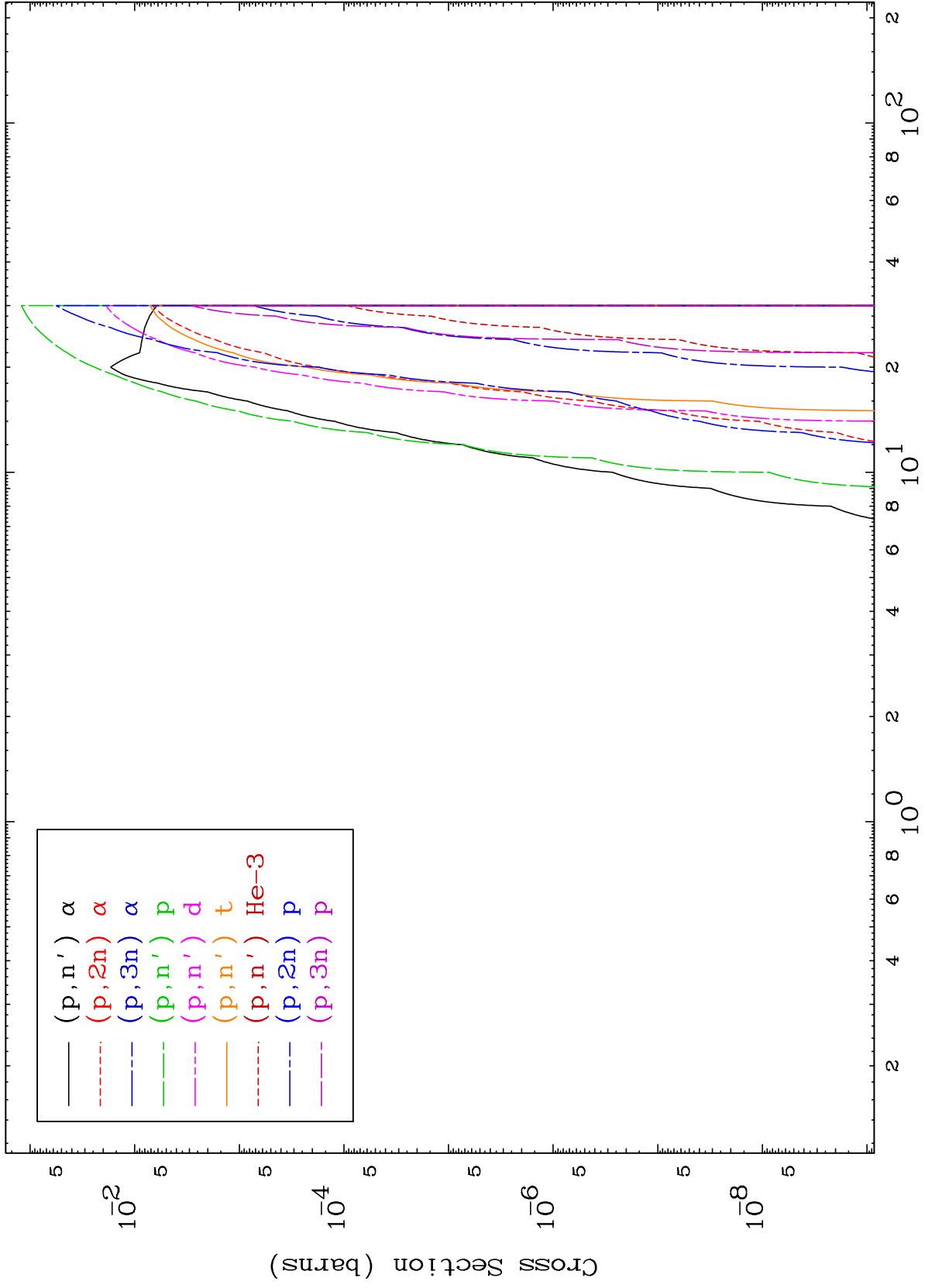


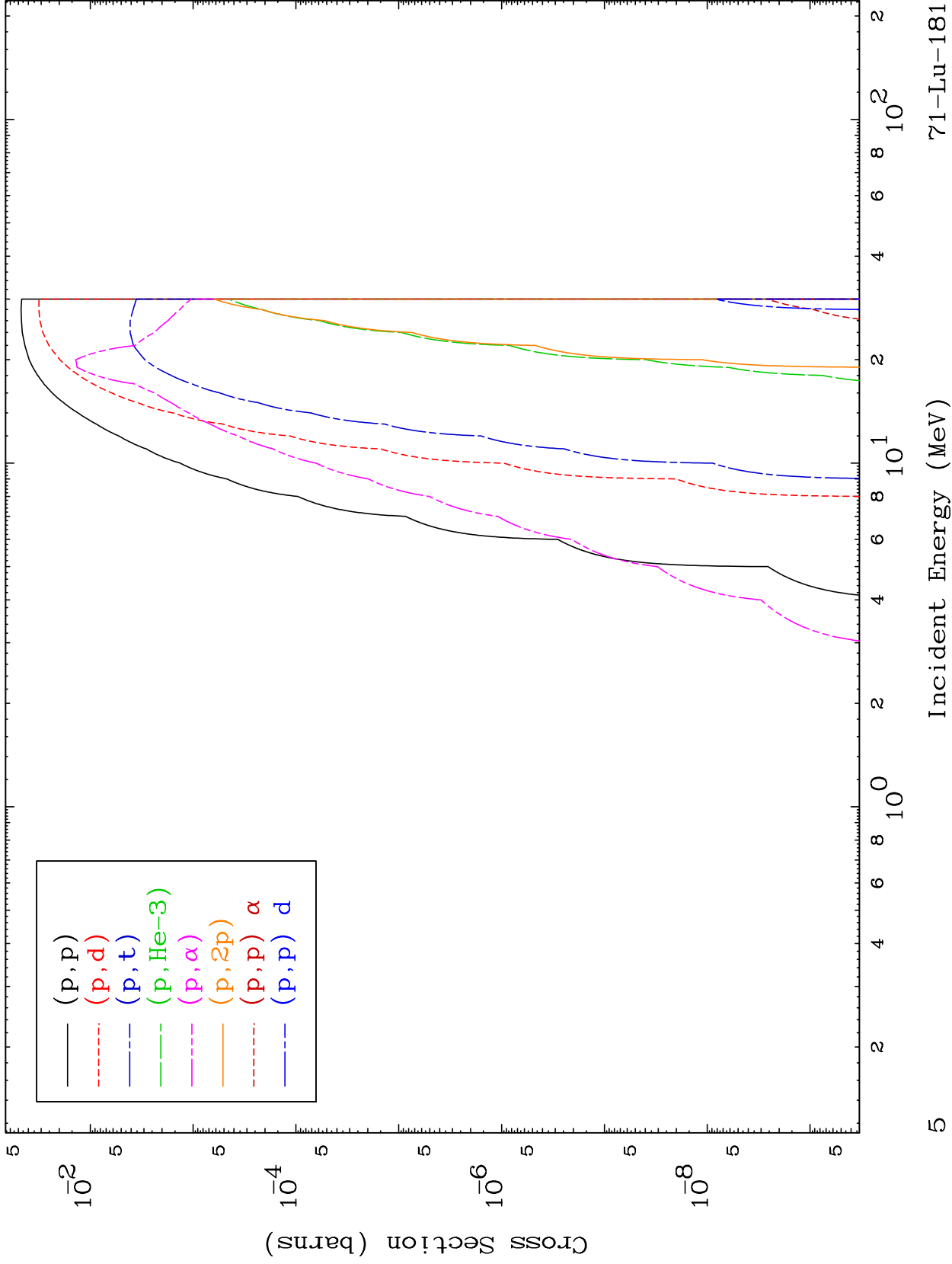


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Proton Charged Particle  
0 Kelvin Cross Sections

71-Lu-181



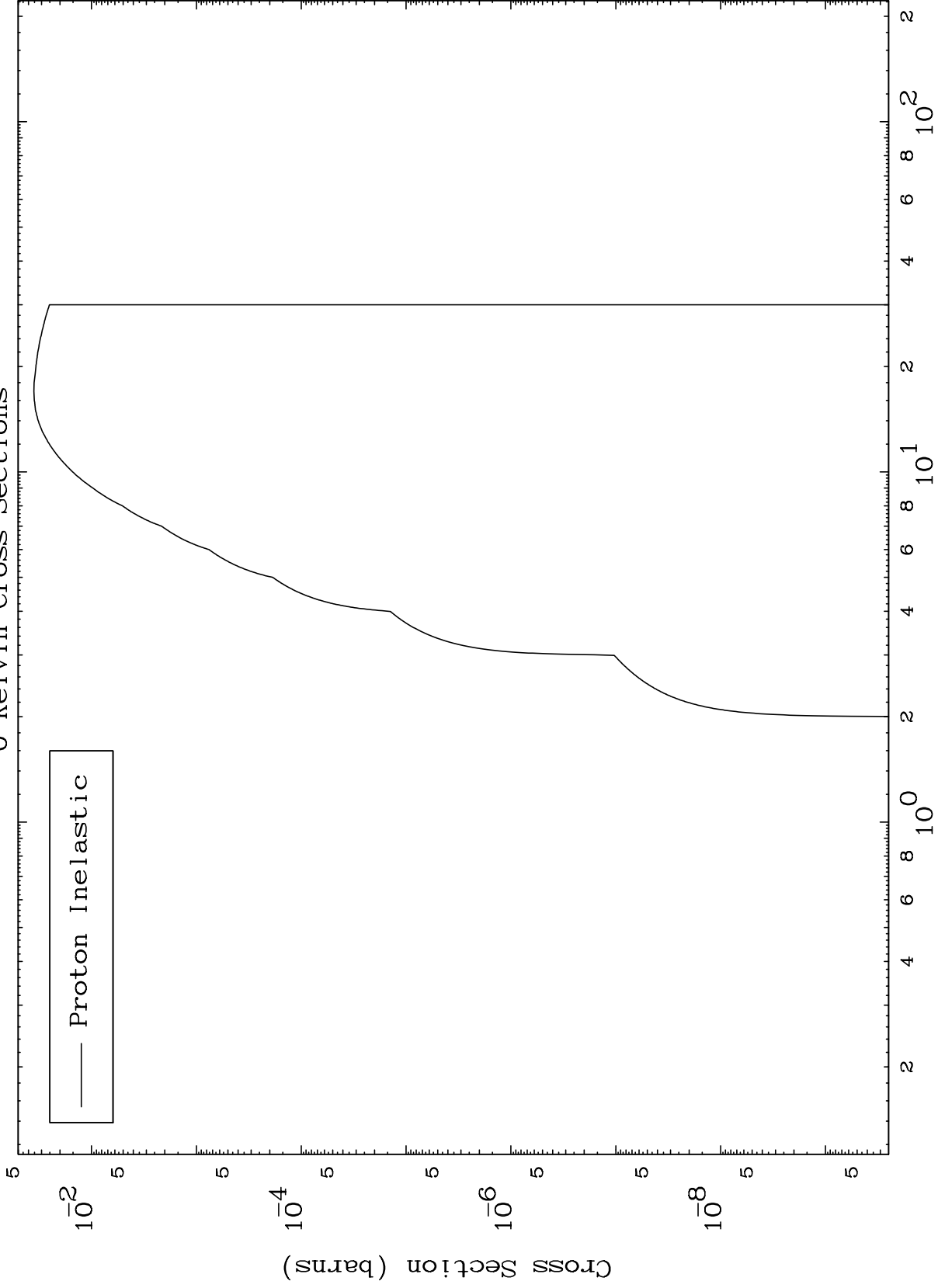


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(p,n') Level

71-Lu-181

0 Kelvin Cross Sections



6

Incident Energy (MeV)

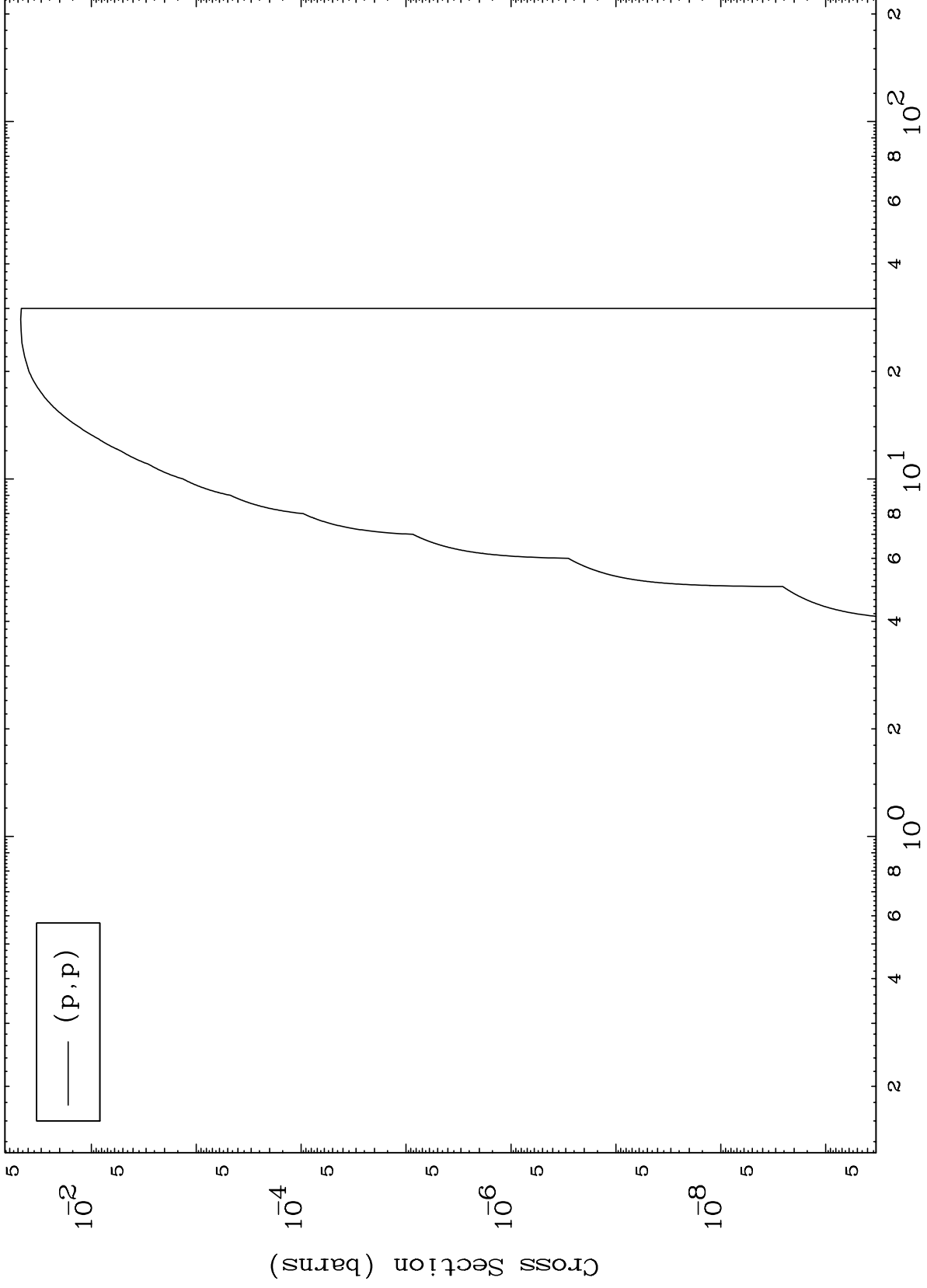
71-Lu-181

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(p,p) Levels

71-Lu-181

0 Kelvin Cross Sections

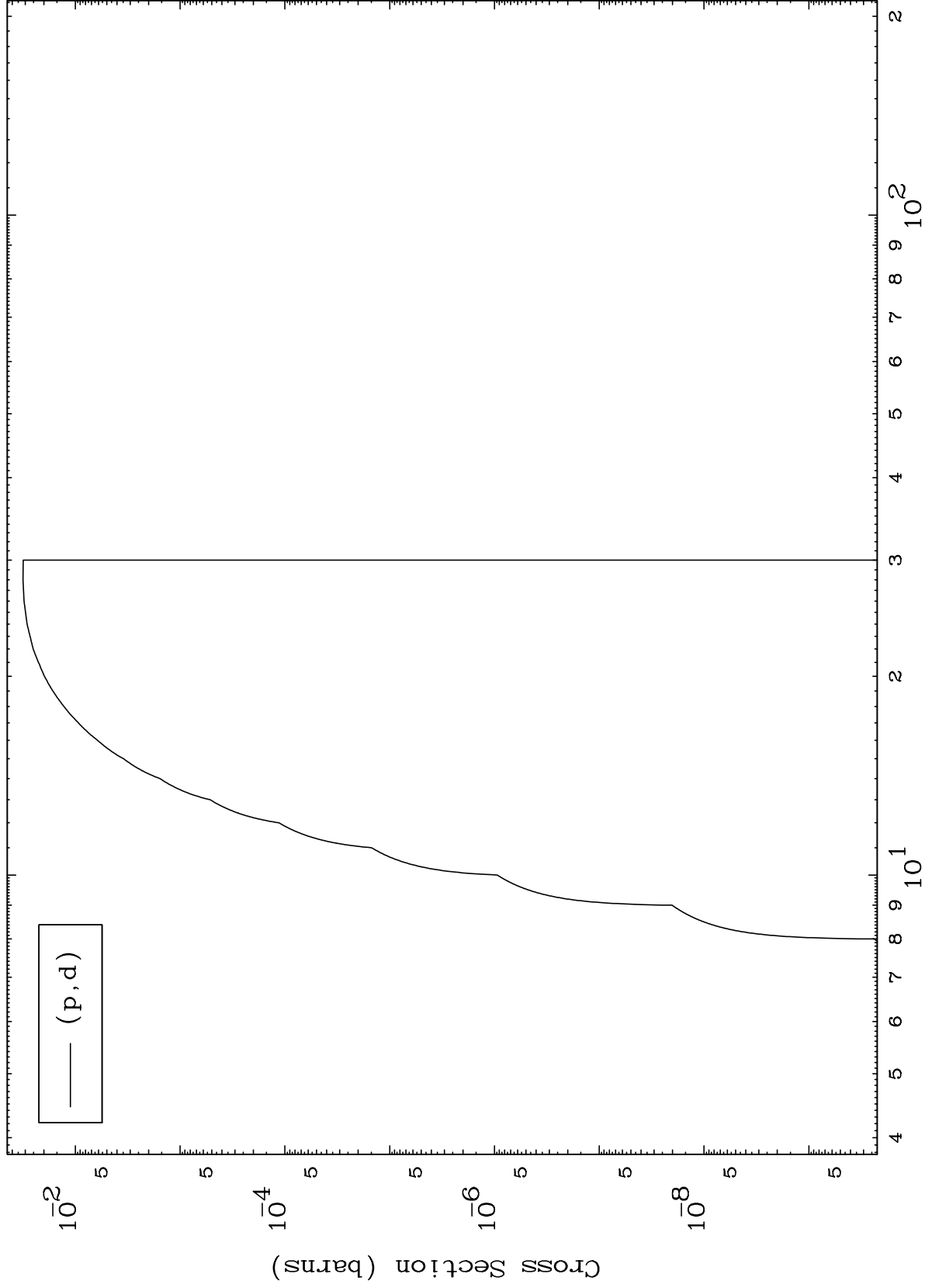




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(p,d) Levels  
0 Kelvin Cross Sections

71-Lu-181



8

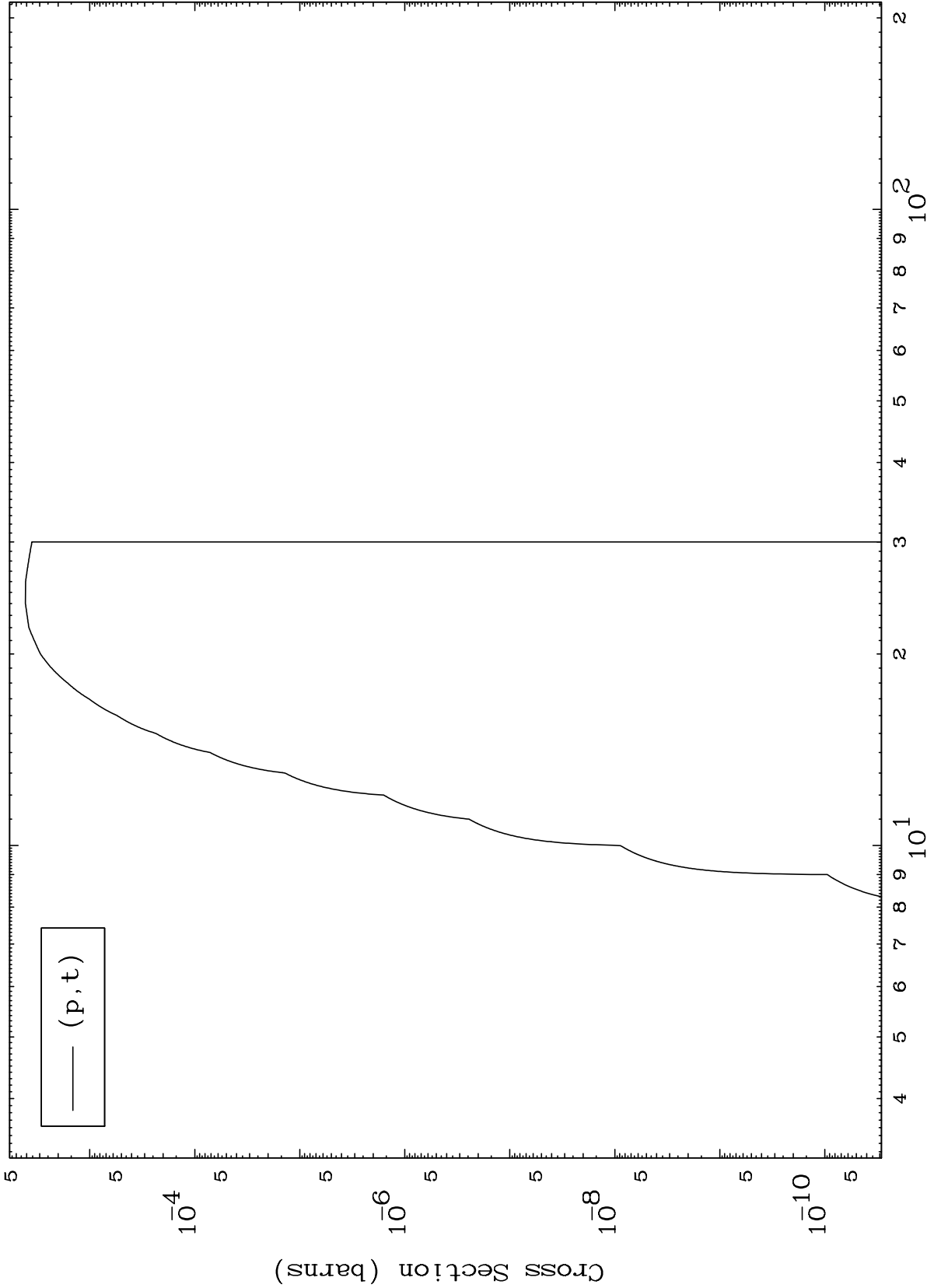
Incident Energy (MeV)

71-Lu-181

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71-Lu-181

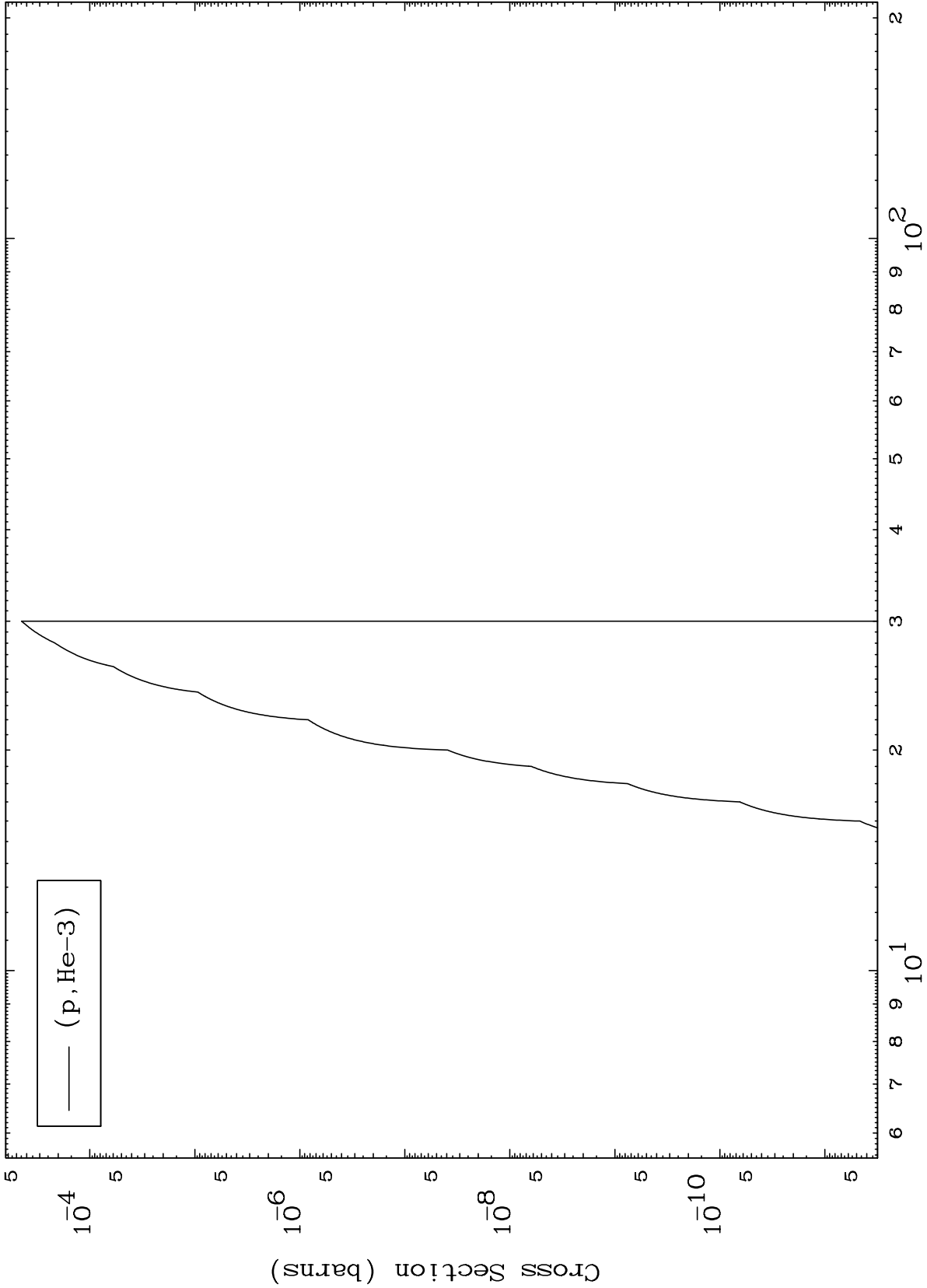
(p, t) Levels  
0 Kelvin Cross Sections



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71-Lu-181

(p,He3) Levels  
0 Kelvin Cross Sections



10

Incident Energy (MeV)

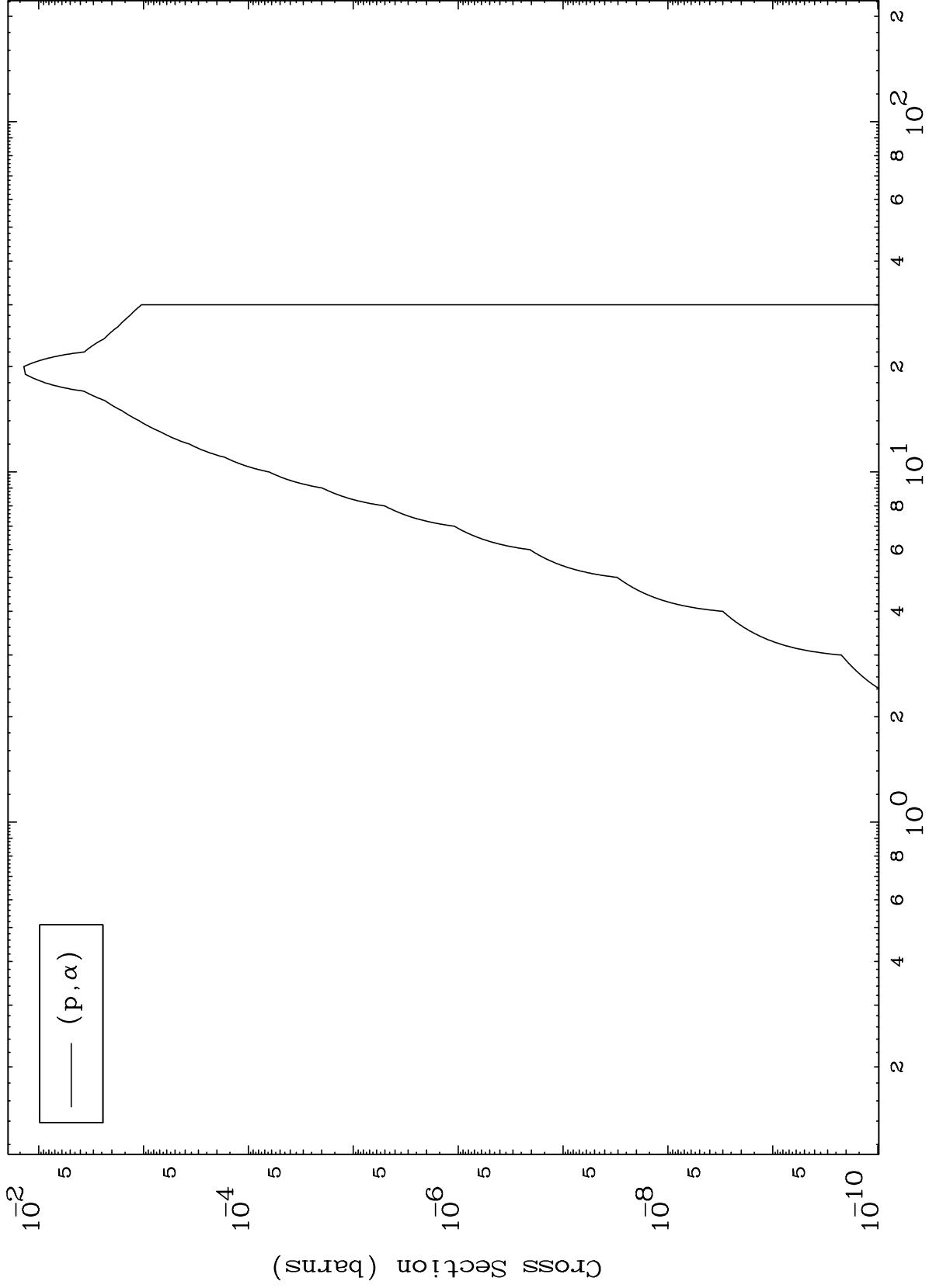
71-Lu-181

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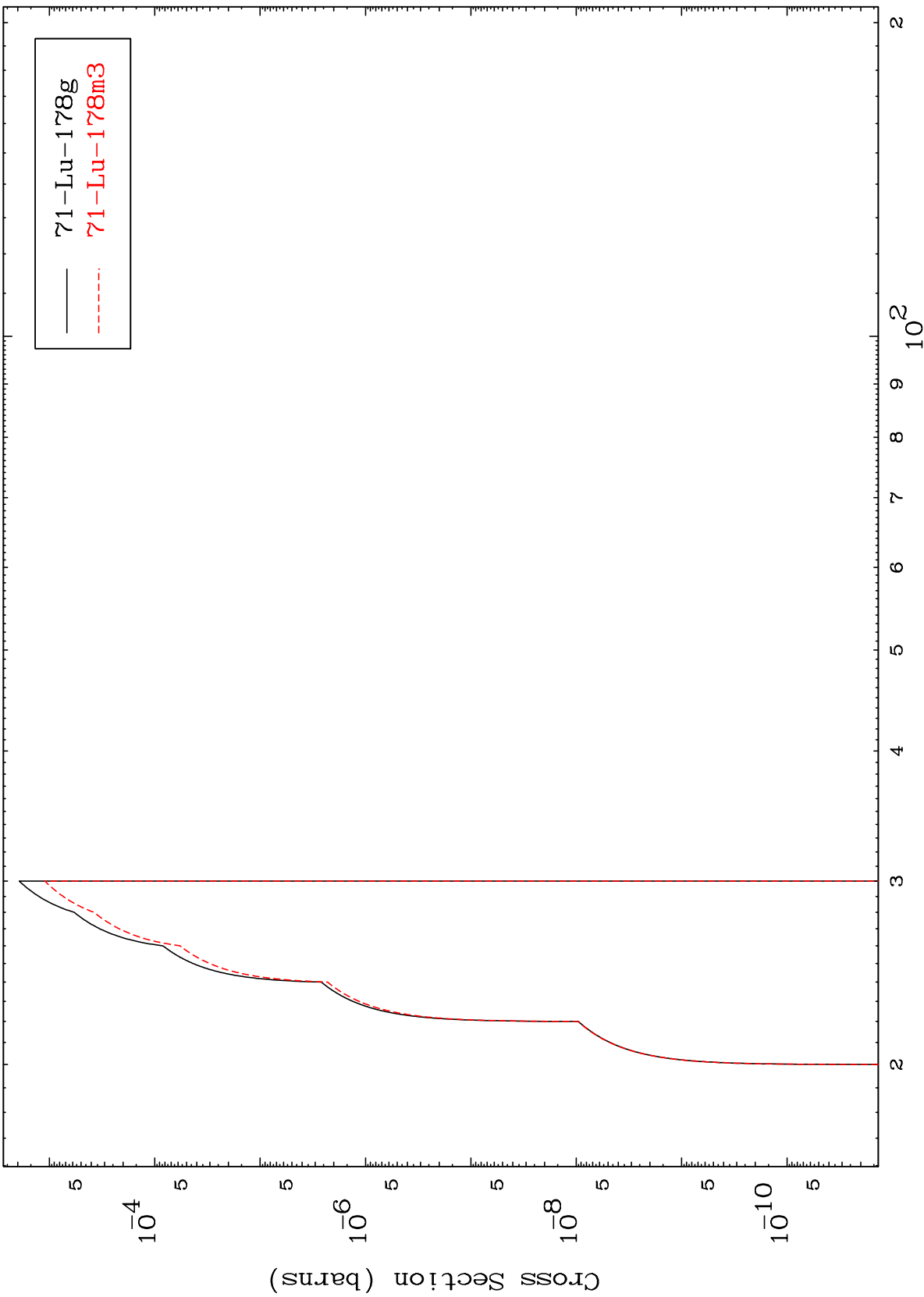
(p,  $\alpha$ ) Levels

71-Lu-181

0 Kelvin Cross Sections



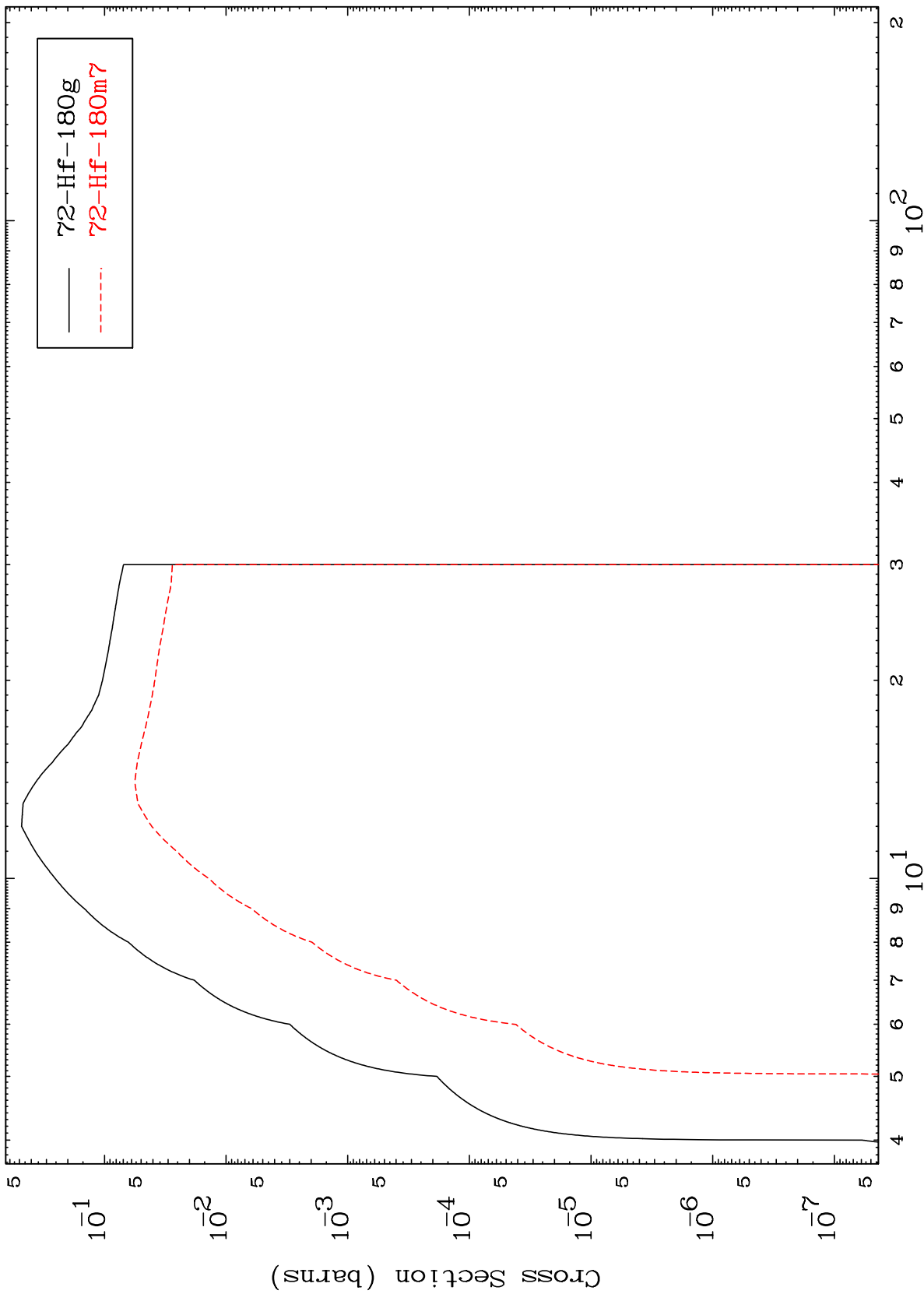
Radionuclide Production Cross Section



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71-Lu-181

(p,2n)  
Radionuclide Production Cross Section



13

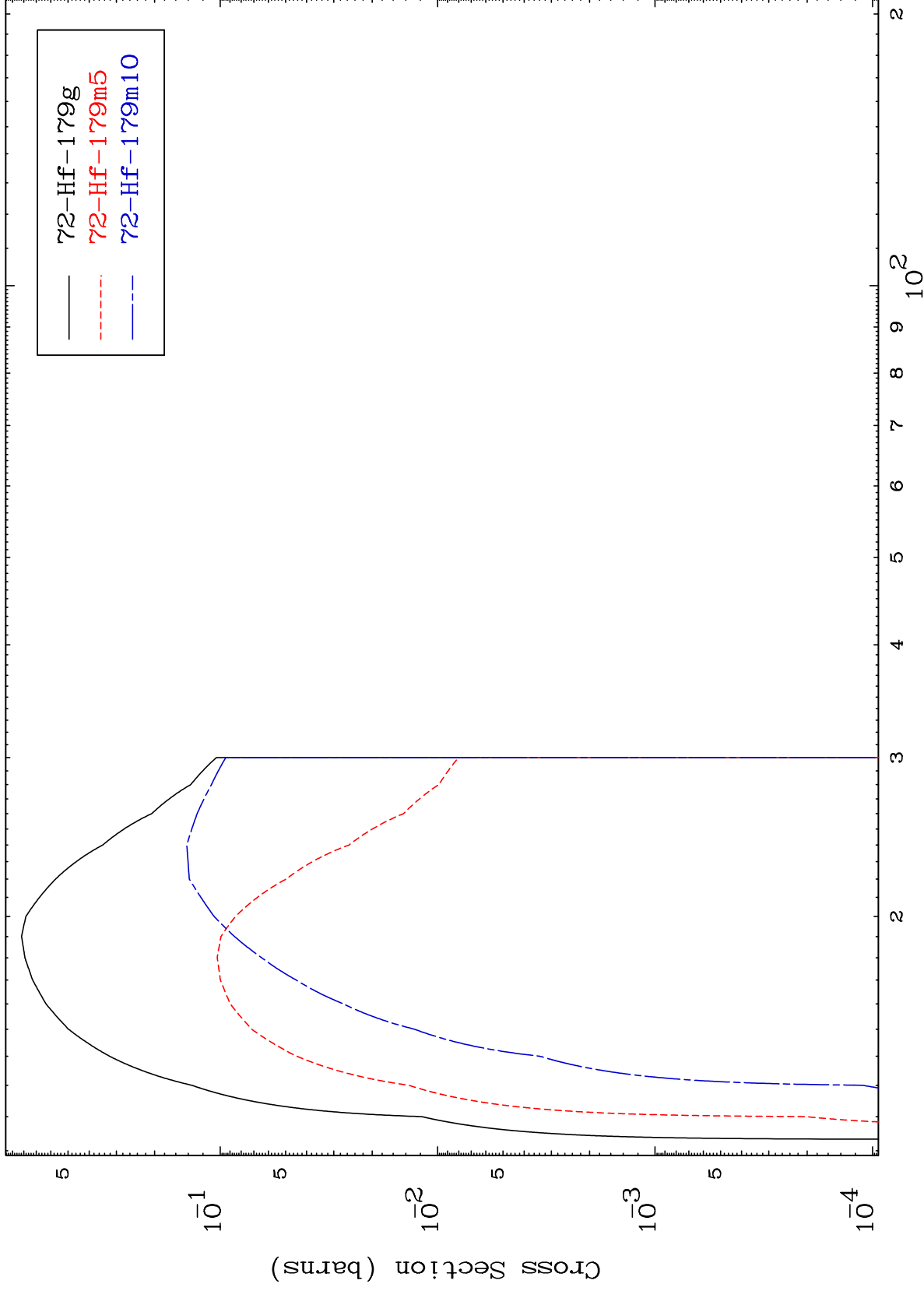
Incident Energy (MeV)

71-Lu-181

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71-Lu-181

(p,3n)  
Radionuclide Production Cross Section



14

Incident Energy (MeV)

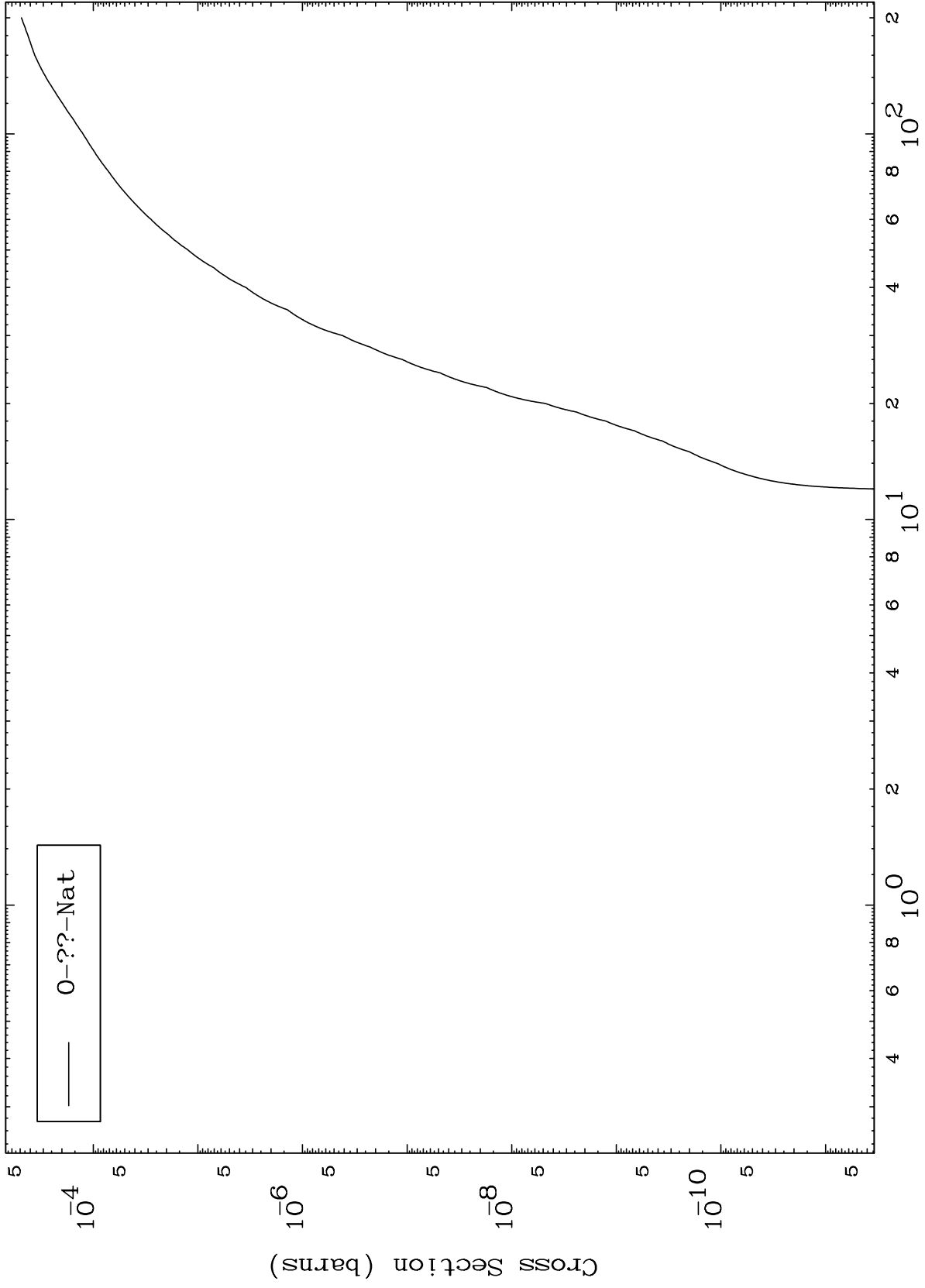
71-Lu-181

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Proton Fission

<sup>71</sup>Lu-181

Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>71</sup>Lu-181

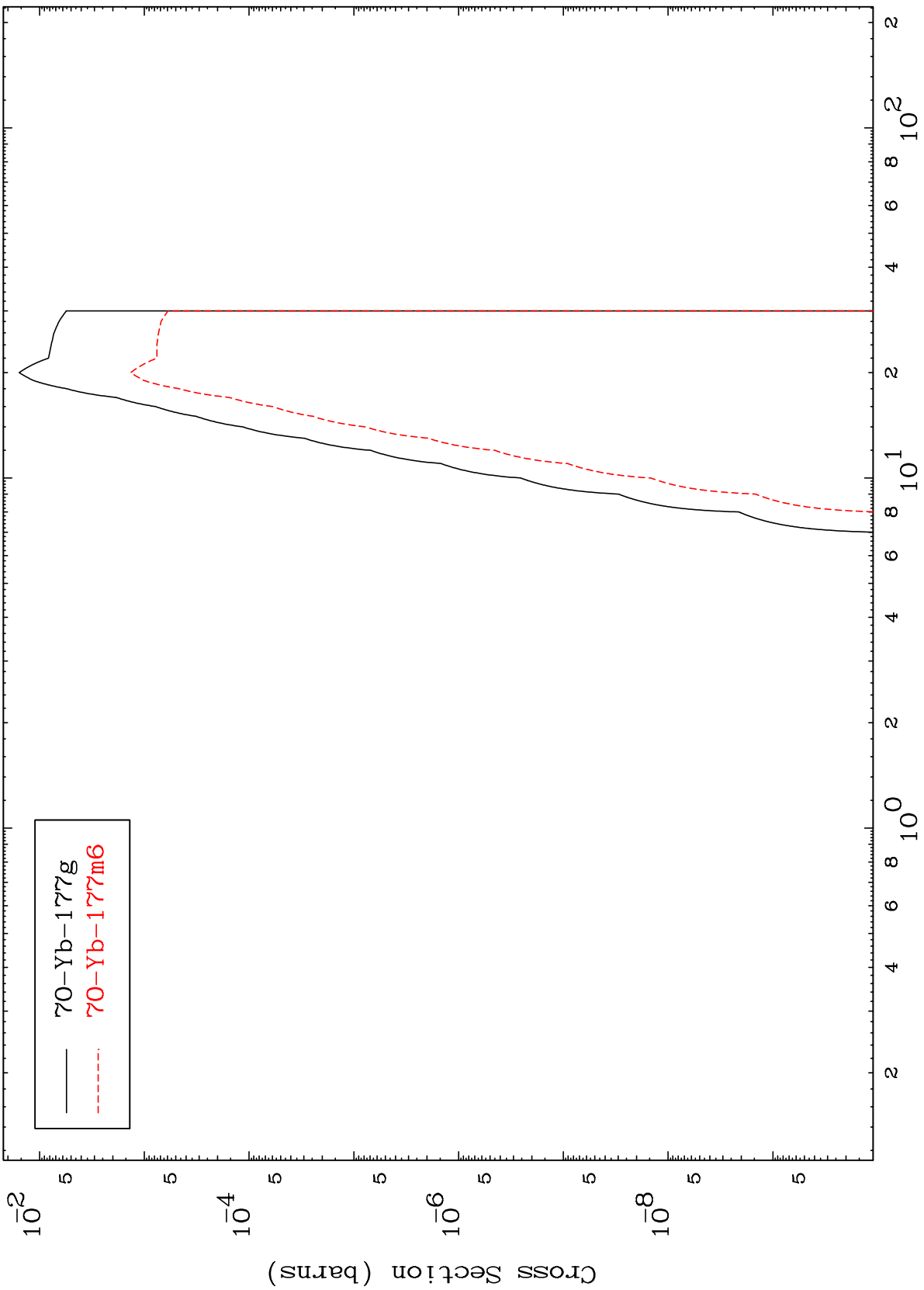


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(p,n')  $\alpha$

71-Lu-181

Radionuclide Production Cross Section



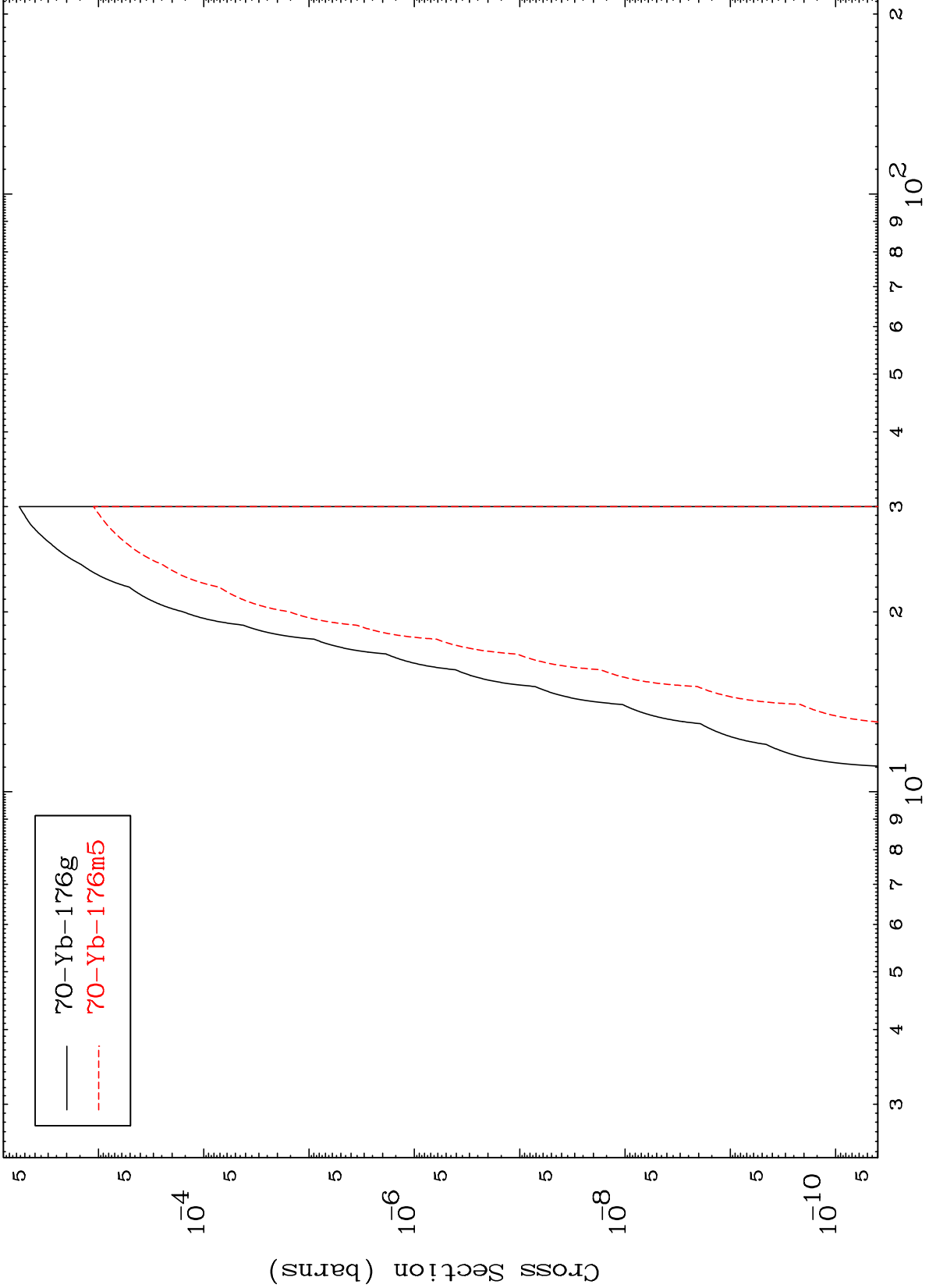
—  $^{70}\text{Yb-177g}$   
- - -  $^{70}\text{Yb-177m6}$

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$^{70}\text{Yb}$   $\alpha$

$^{71}\text{Lu}$ -181

Radionuclide Production Cross Section



17

Incident Energy (MeV)

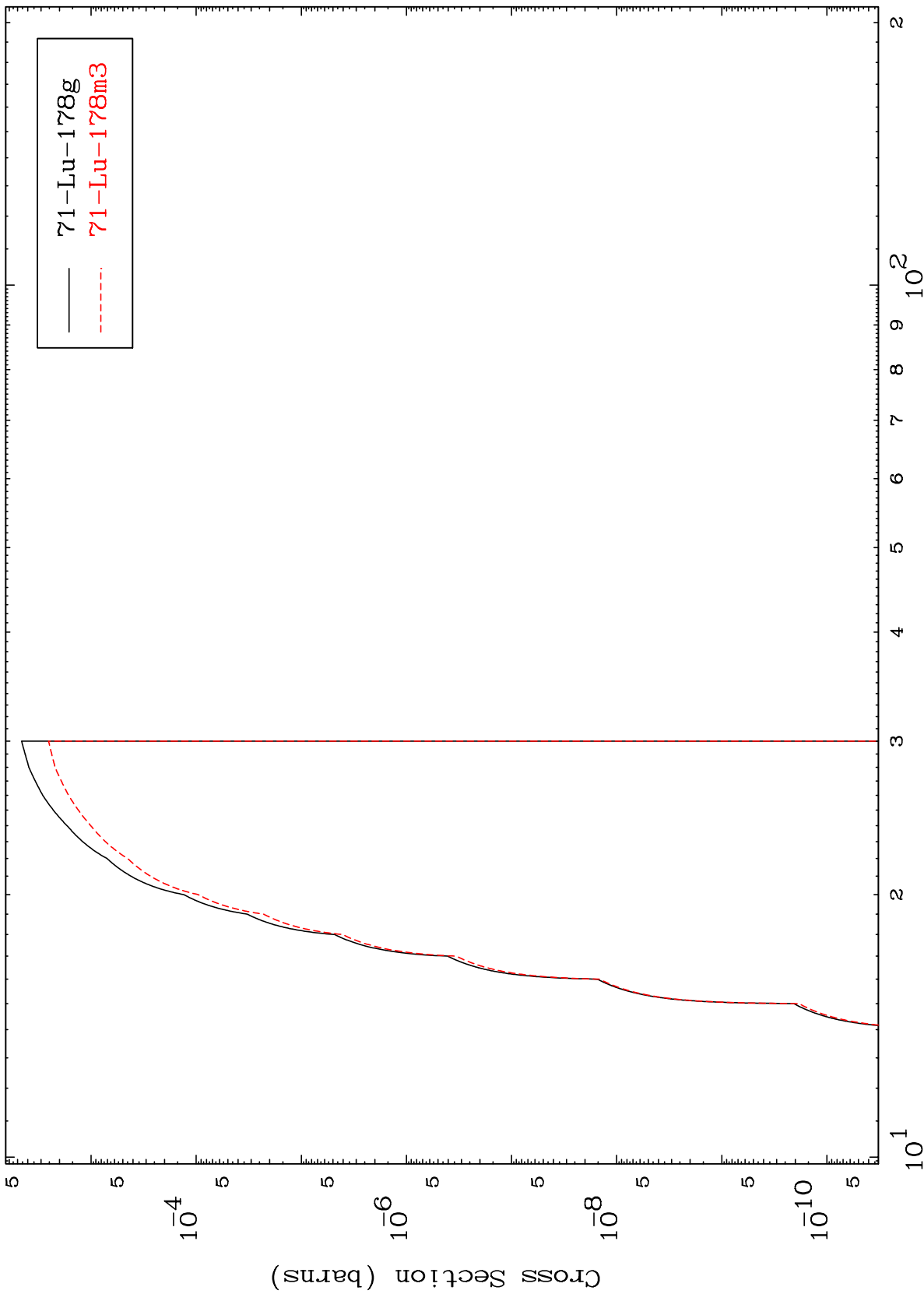
$^{71}\text{Lu}$ -181

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(p,n') t

71-Lu-181

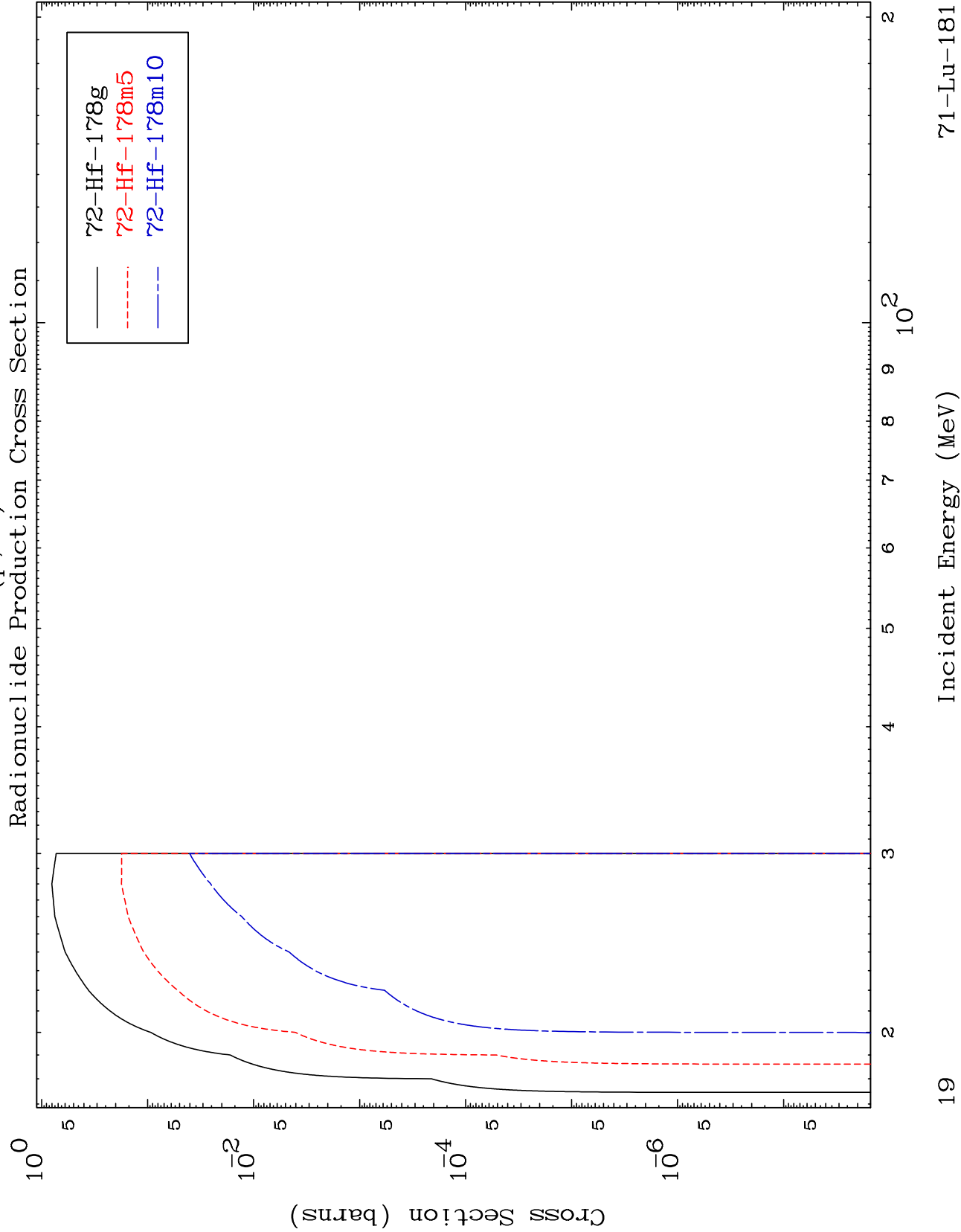
Radionuclide Production Cross Section



71-Lu-181

Incident Energy (MeV)

18

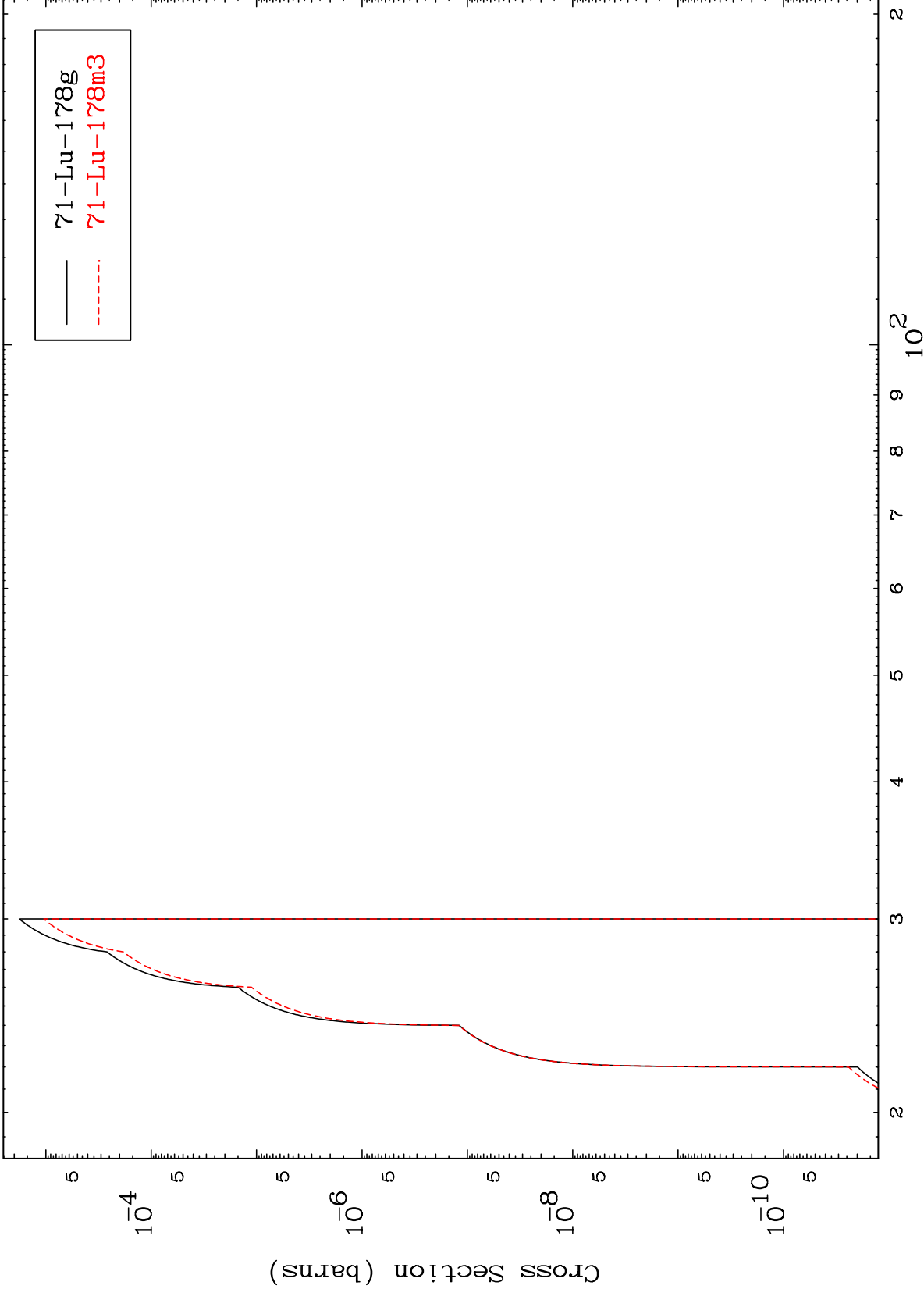


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(p,3n) p

<sup>71</sup>Lu-181

Radionuclide Production Cross Section



20

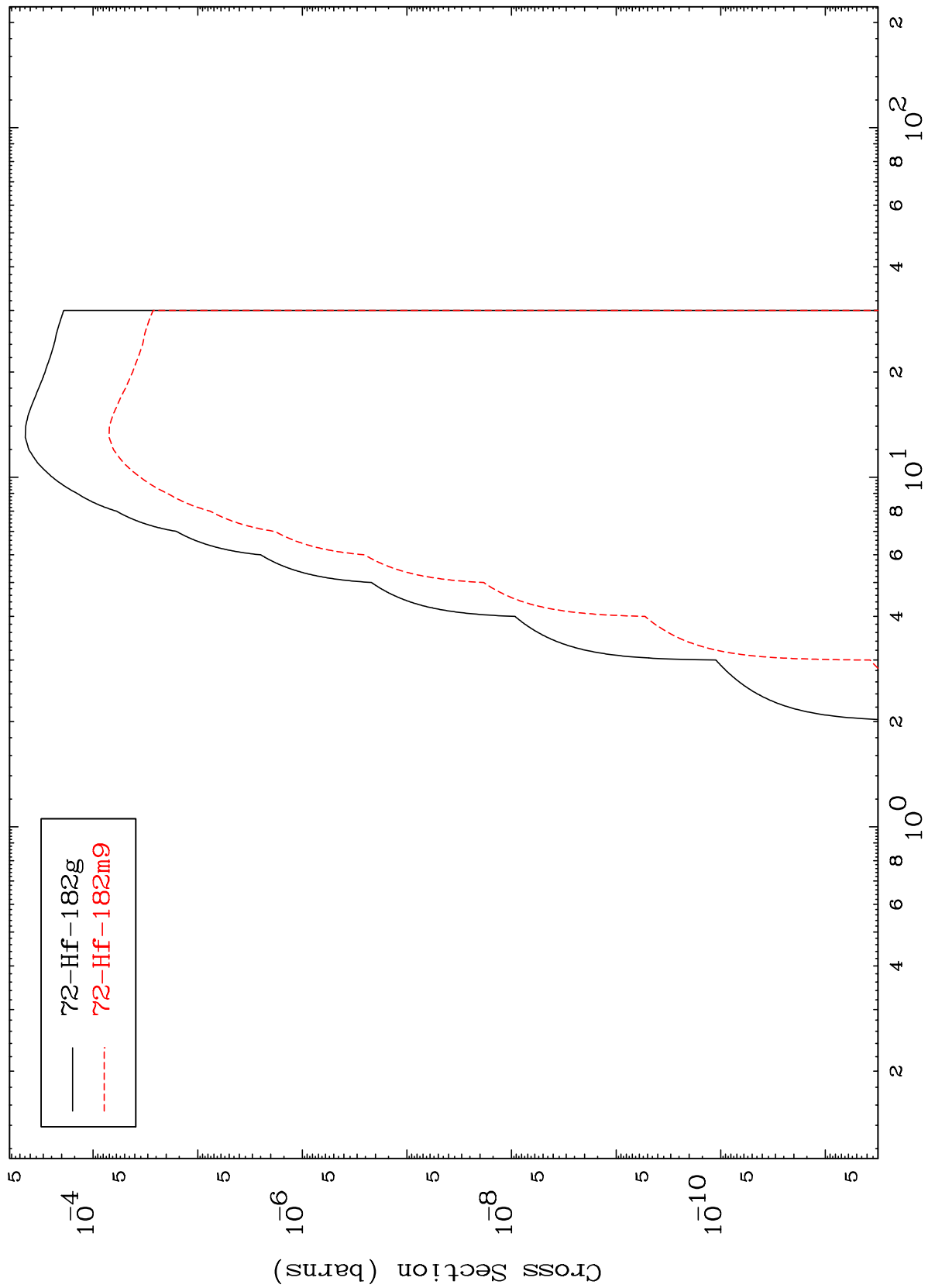
Incident Energy (MeV)

<sup>71</sup>Lu-181

MAT 7143

71-Lu-181

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



— 72-Hf-182g  
- - - 72-Hf-182m9