

Program EVALPLOT  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

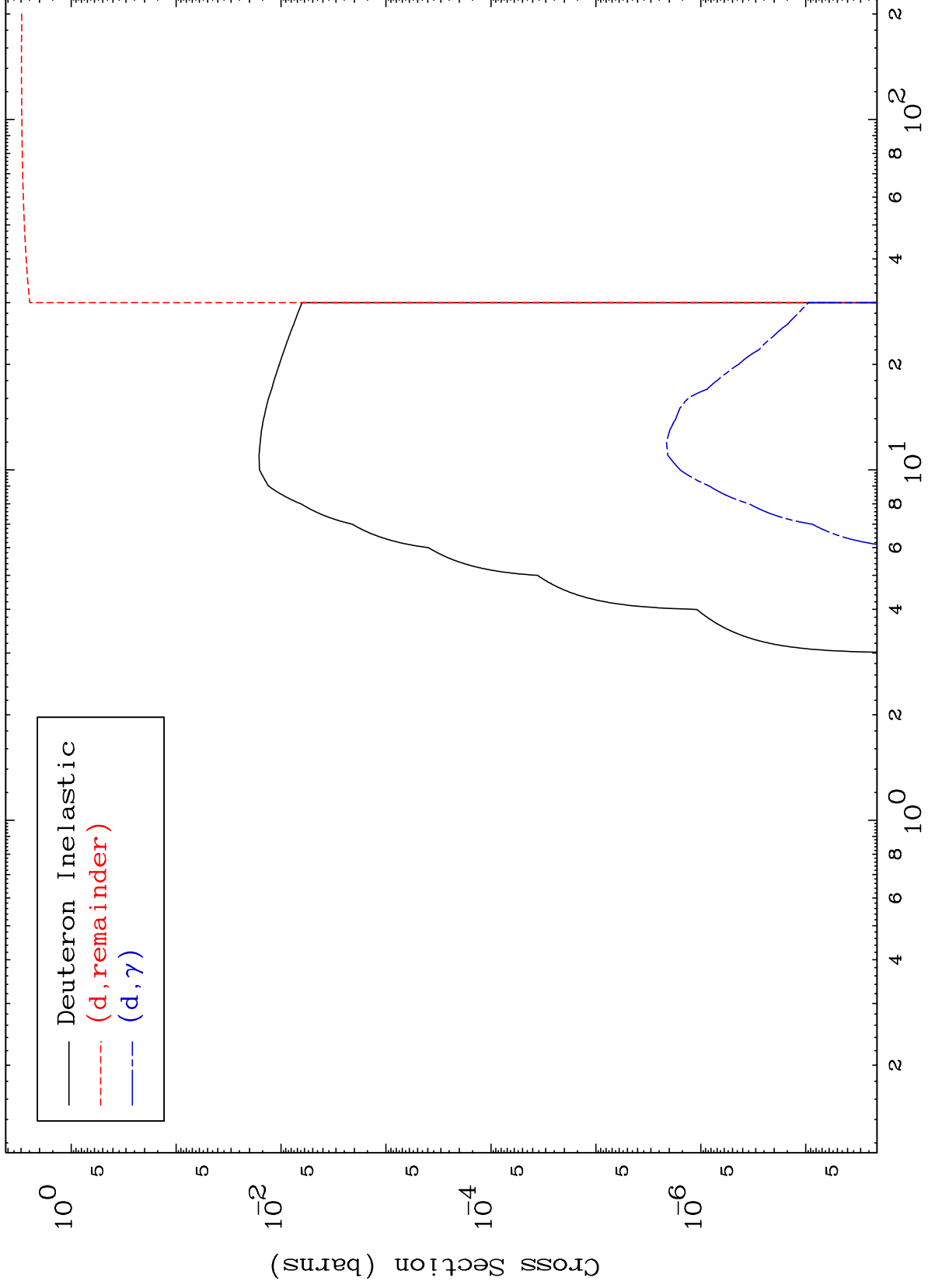
Dermott E. Cullen  
1466 Hudson Way  
Livermore, CA 94550  
U.S.A.

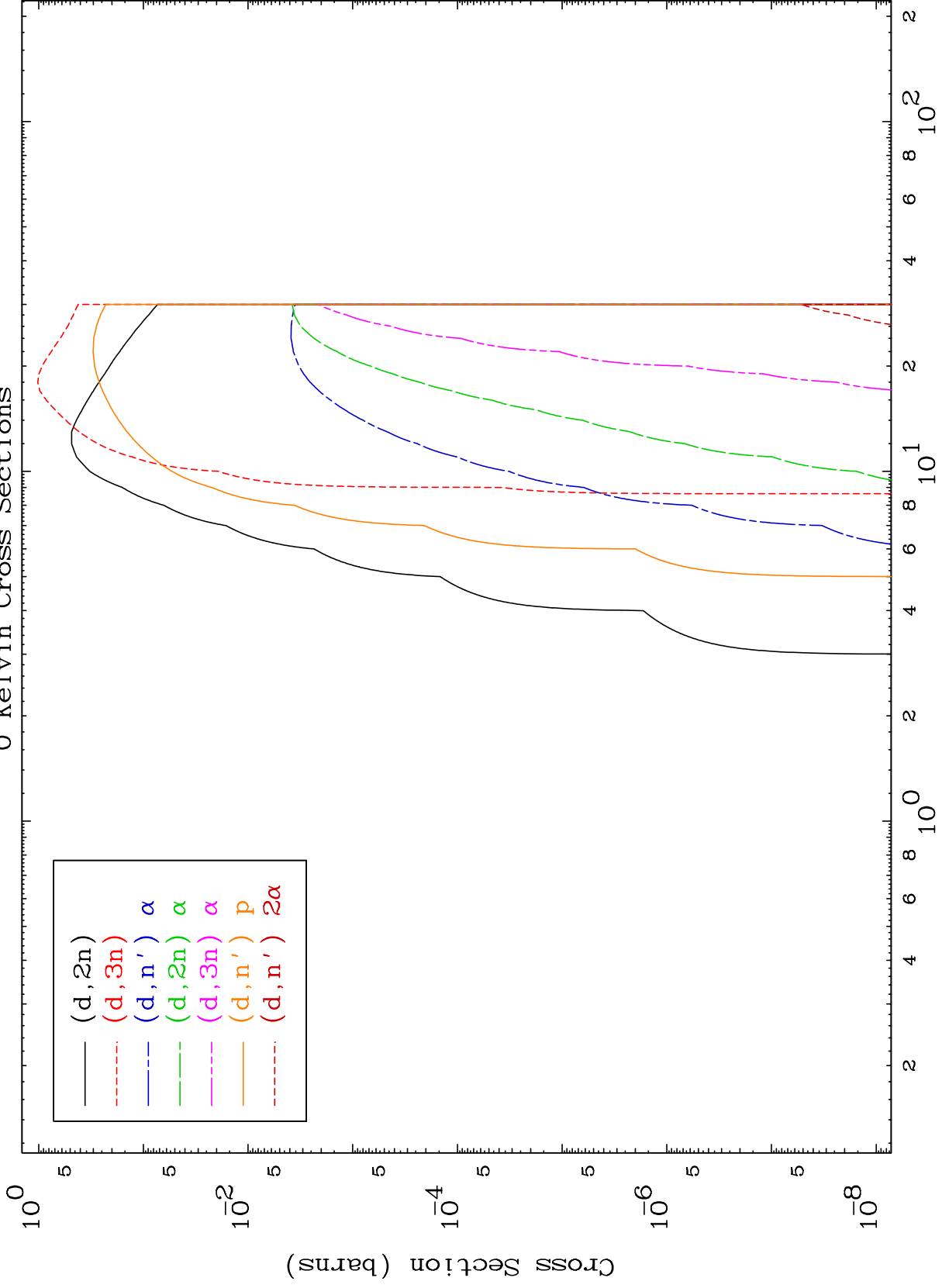
Tele: 925-443-1911

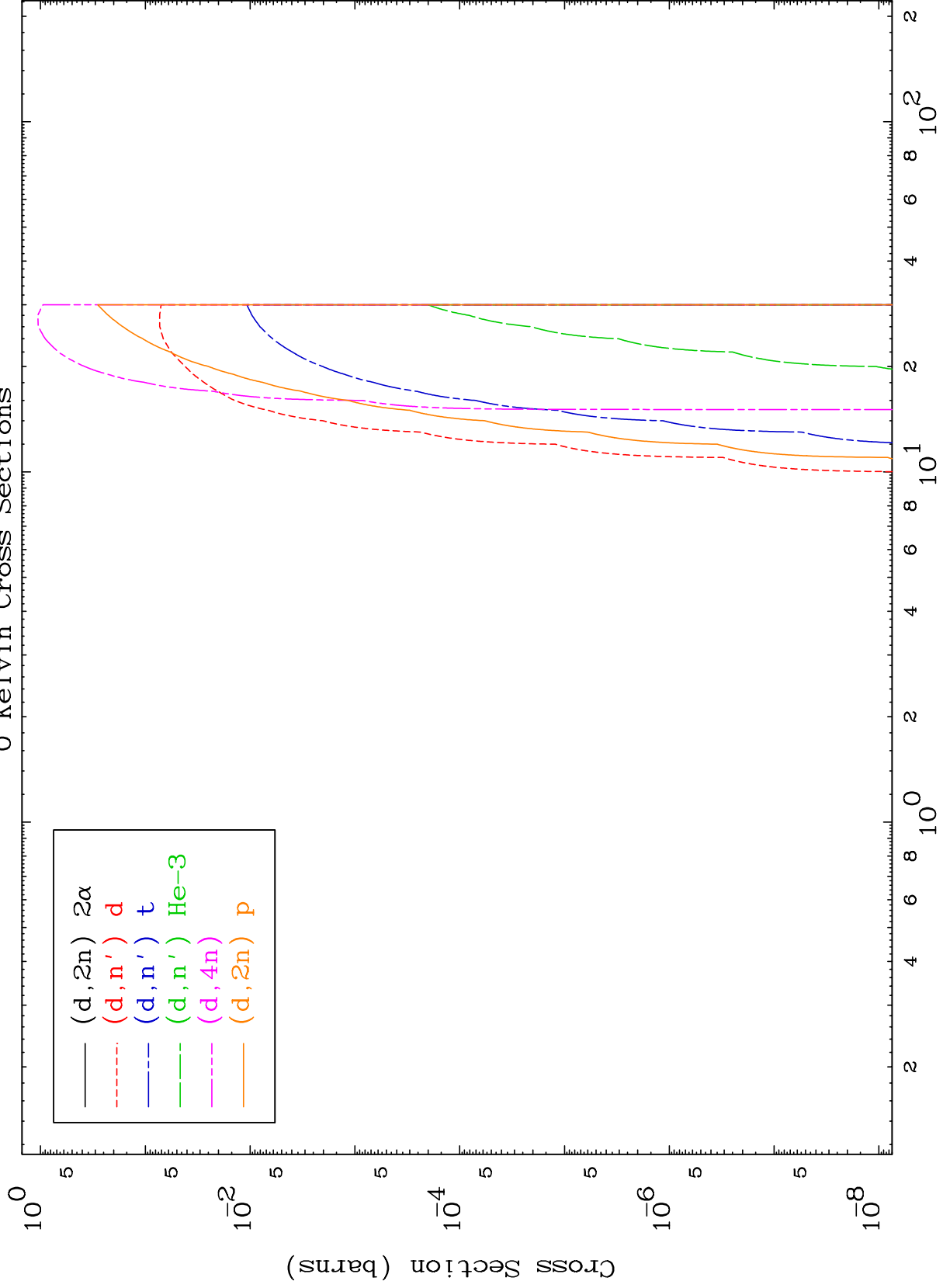
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



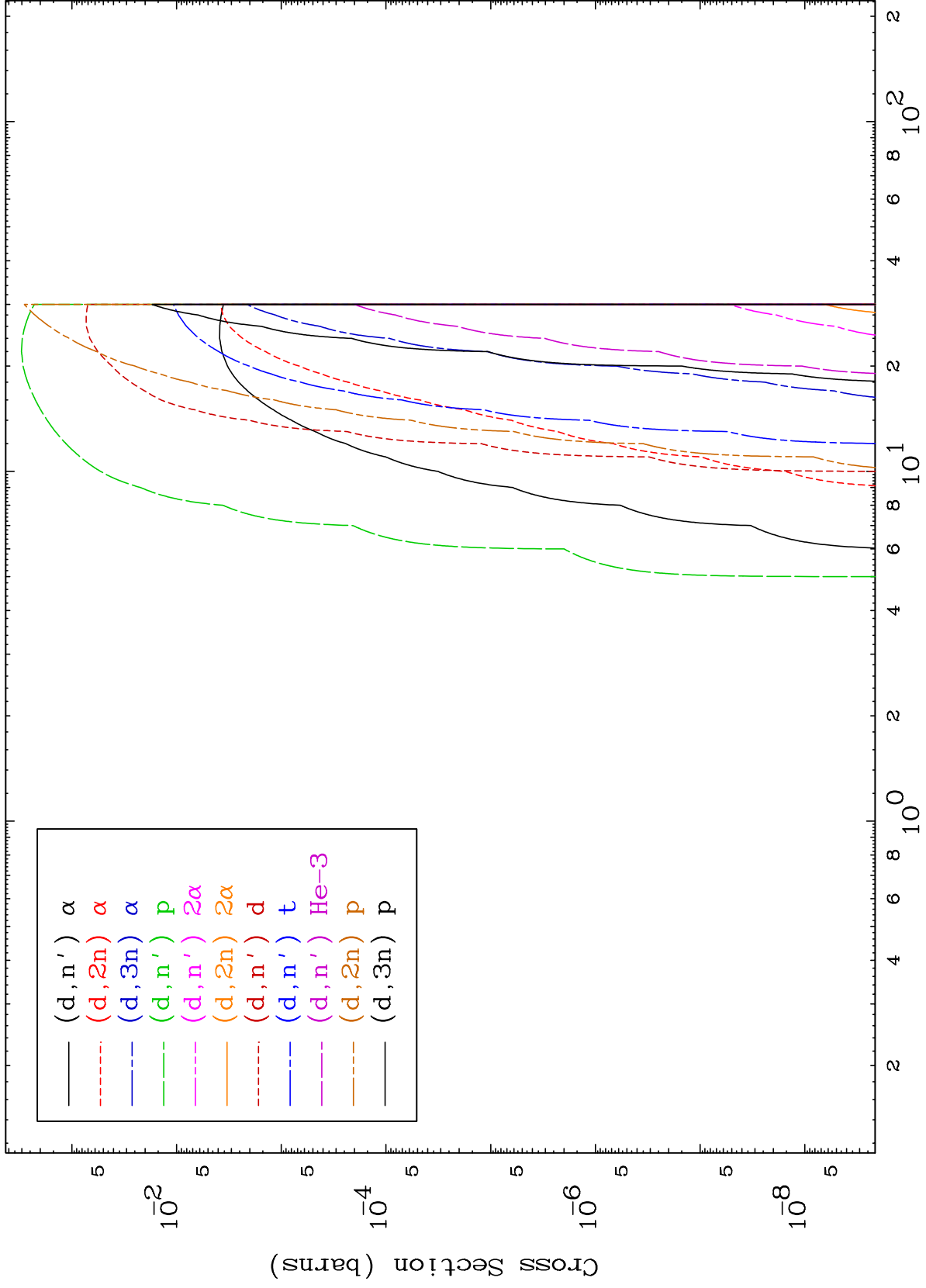


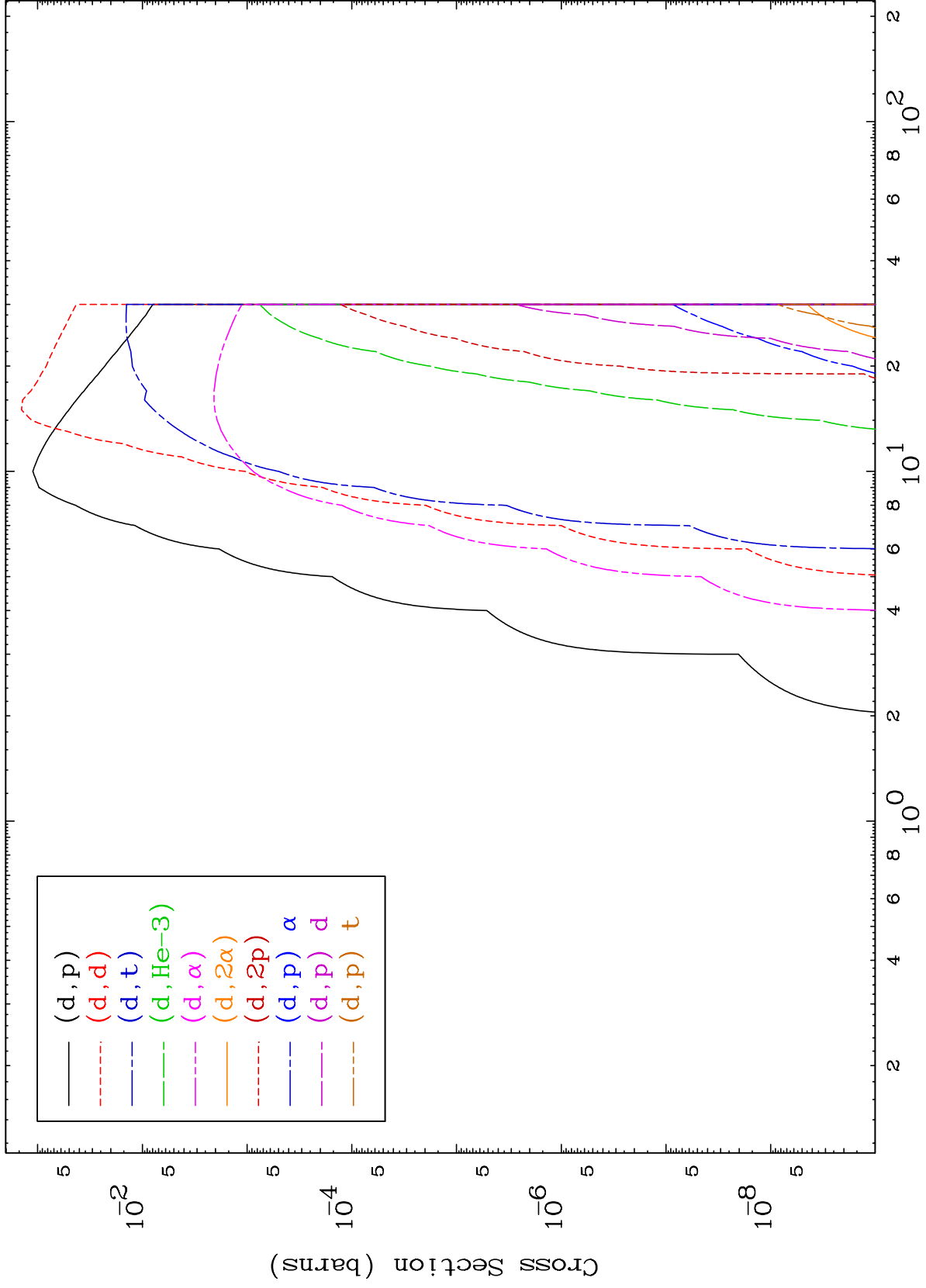


MAT 7134

Deuteron Charged Particle  
0 Kelvin Cross Sections

71-Lu-178



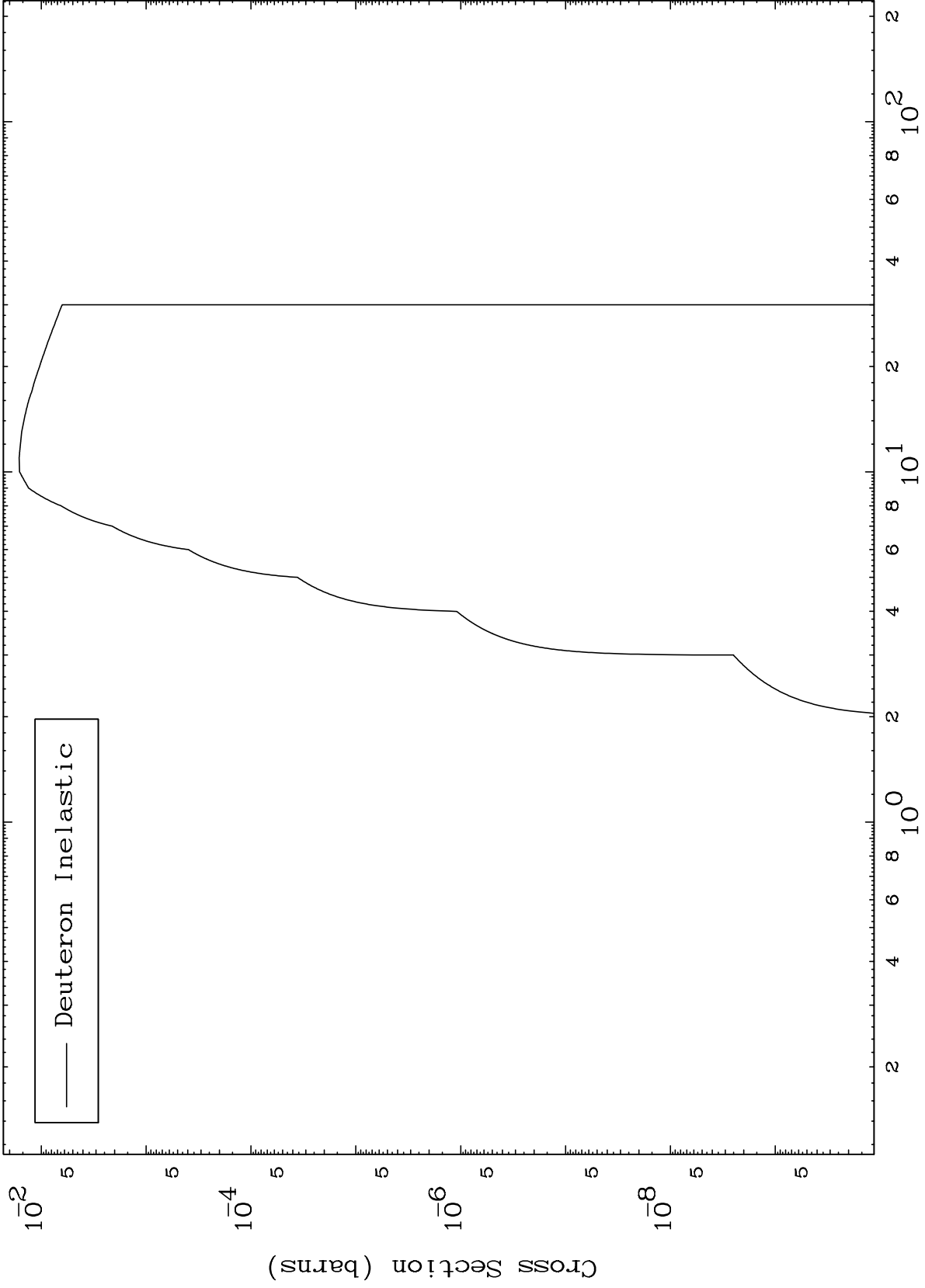


MAT 7134

(d,n') Level

71-Lu-178

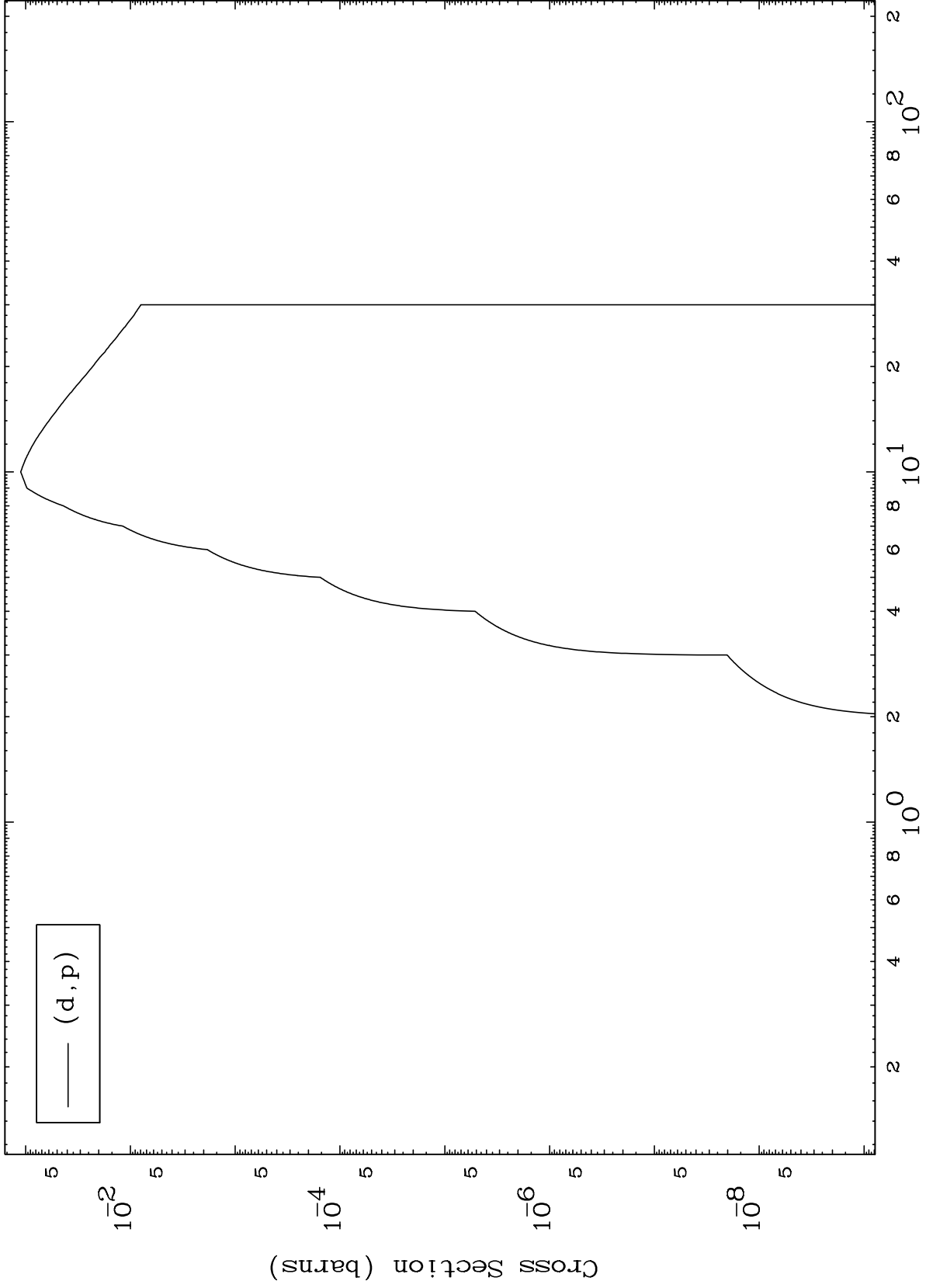
0 Kelvin Cross Sections



MAT 7134

(d,p) Levels  
0 Kelvin Cross Sections

71-Lu-178



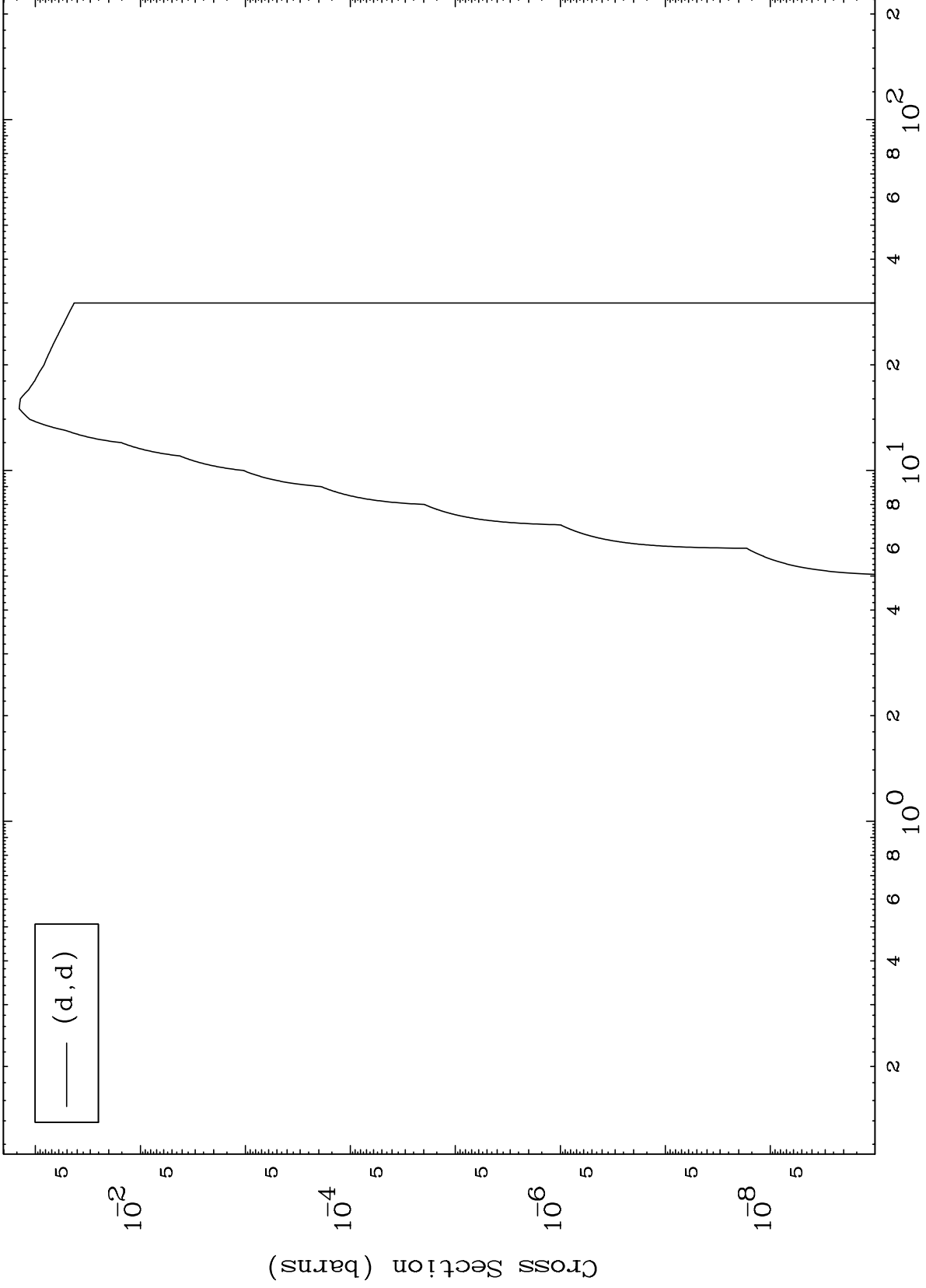


MAT 7134

(d,d) Levels

71-Lu-178

0 Kelvin Cross Sections

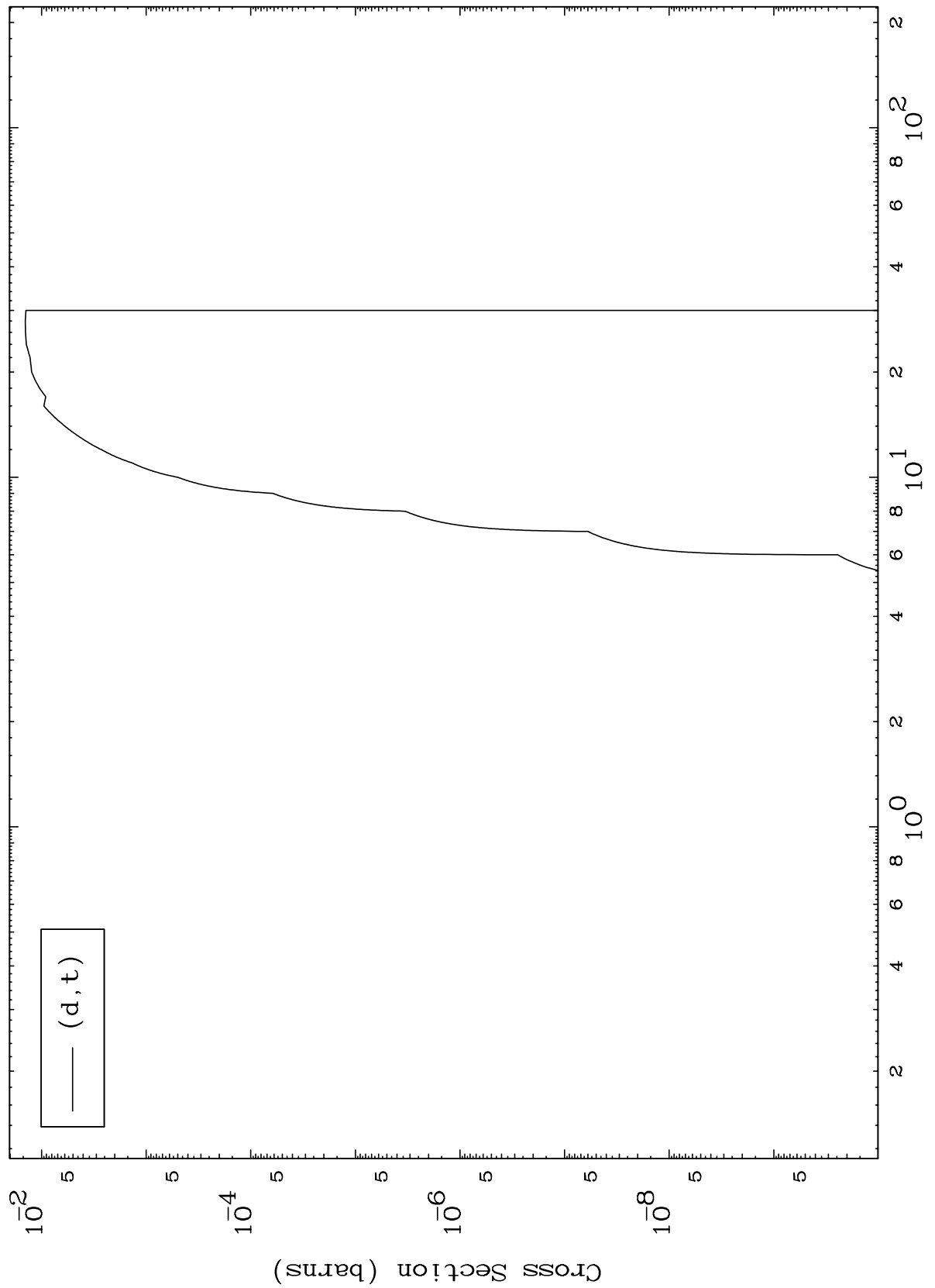


MAT 7134

(d,t) Levels

71-Lu-178

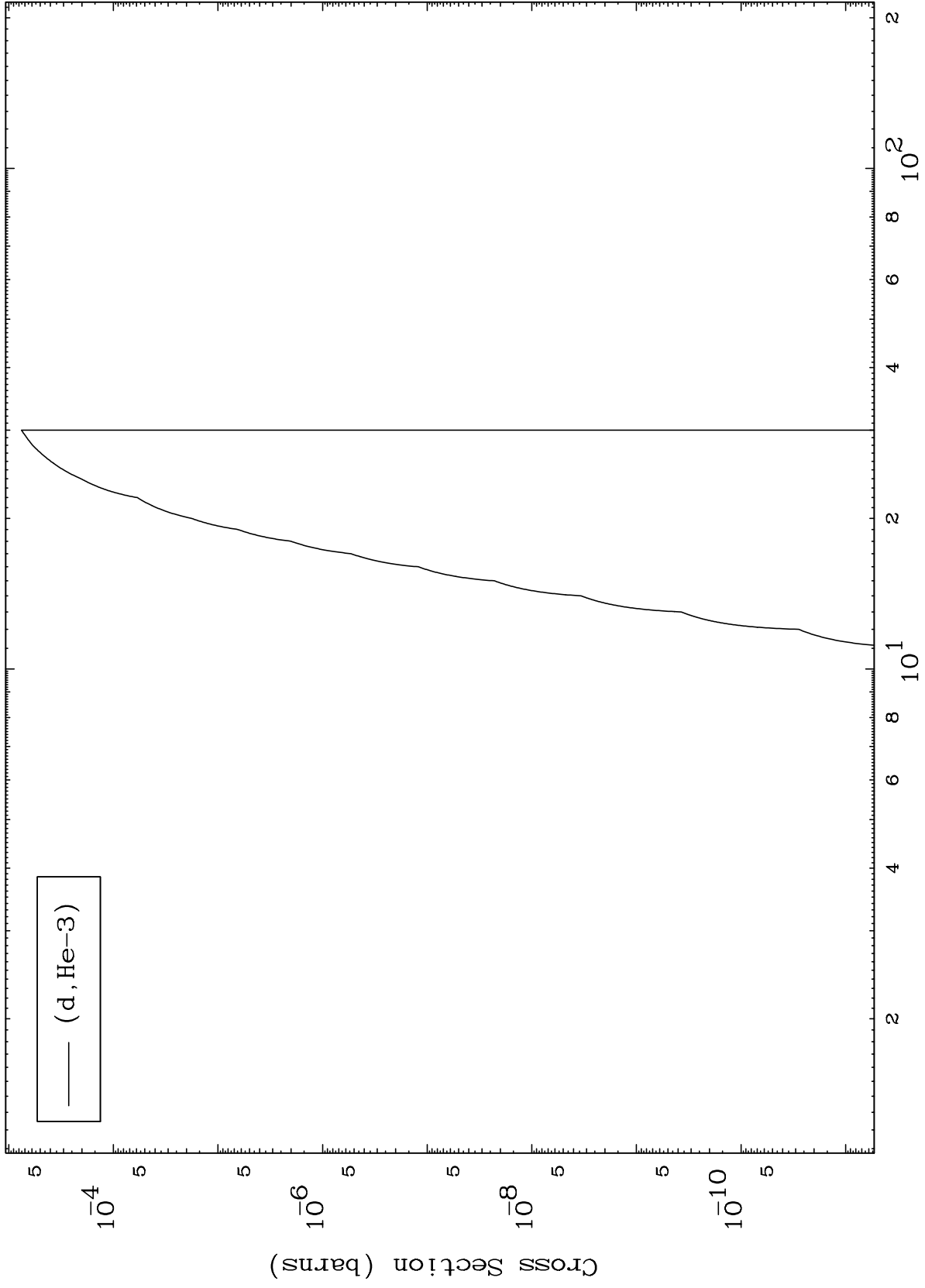
0 Kelvin Cross Sections



MAT 7134

(d,He3) Levels  
0 Kelvin Cross Sections

71-Lu-178



10

Incident Energy (MeV)

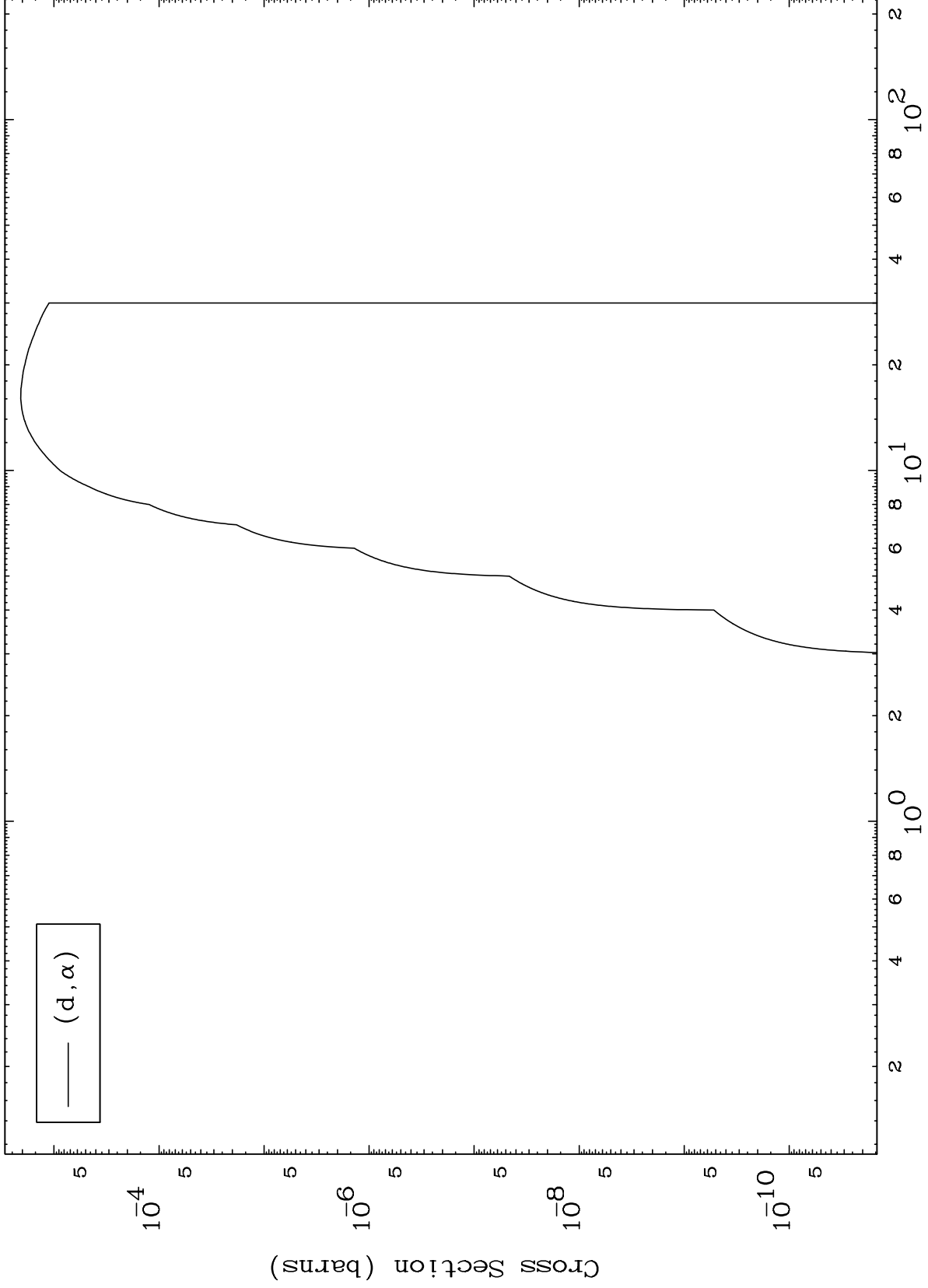
71-Lu-178

MAT 7134

(d,  $\alpha$ ) Levels

71-Lu-178

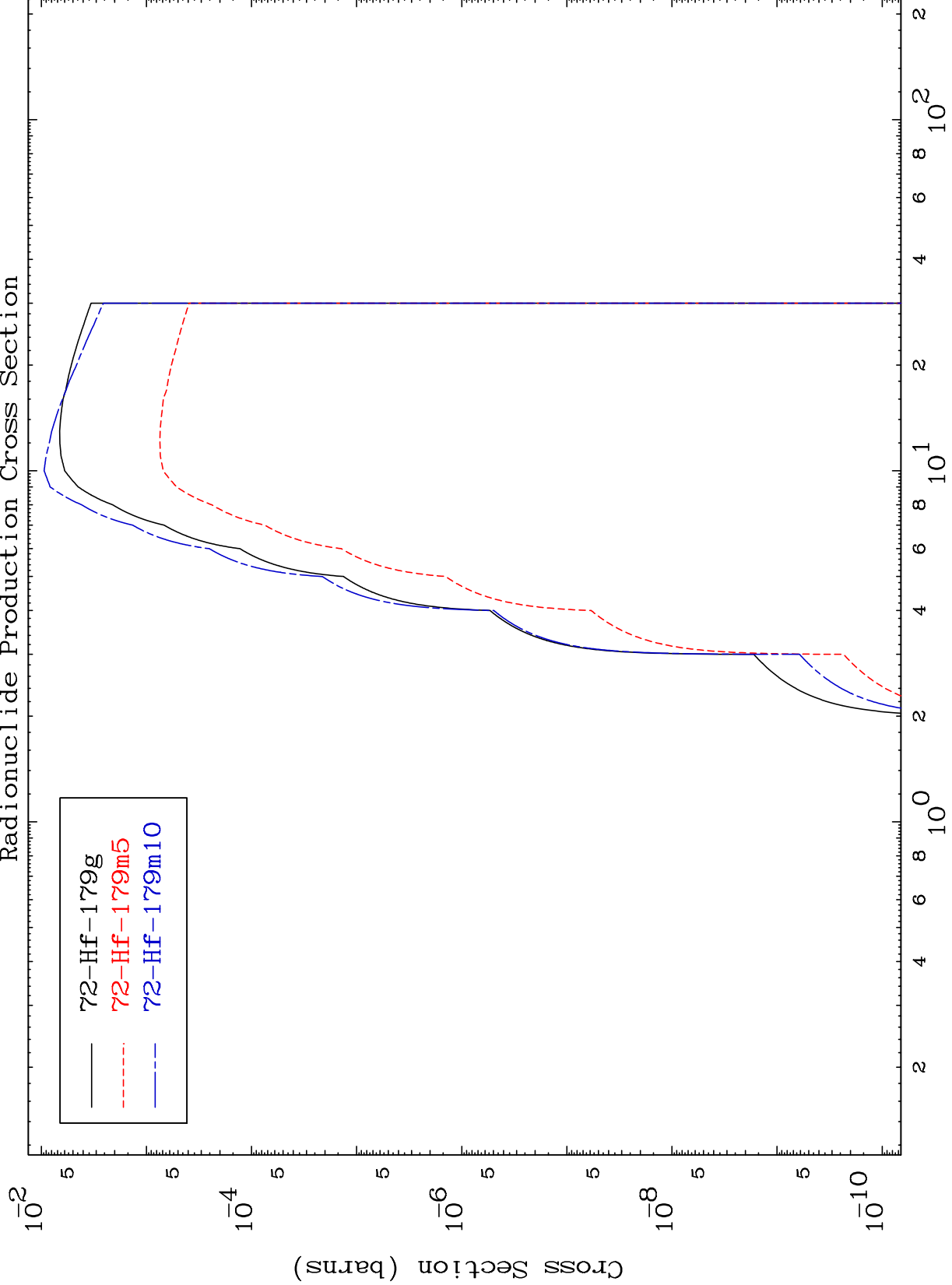
0 Kelvin Cross Sections



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Deuteron Inelastic  
Radionuclide Production Cross Section

71-Lu-178



72-Hf-179g  
72-Hf-179m5  
72-Hf-179m10

12

Incident Energy (MeV)

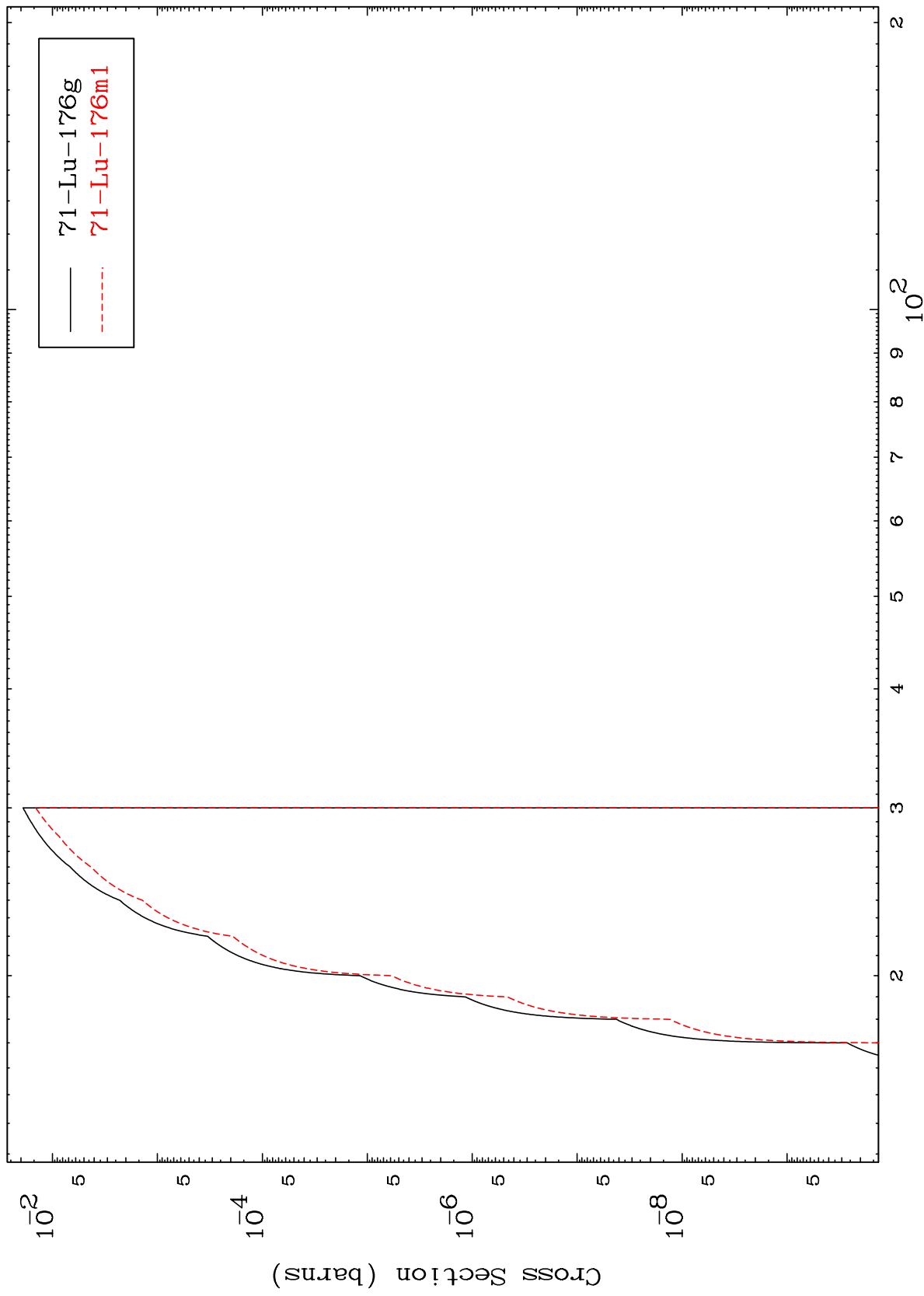
71-Lu-178

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(d,2n) d

<sup>71</sup>Lu-178

Radionuclide Production Cross Section



13

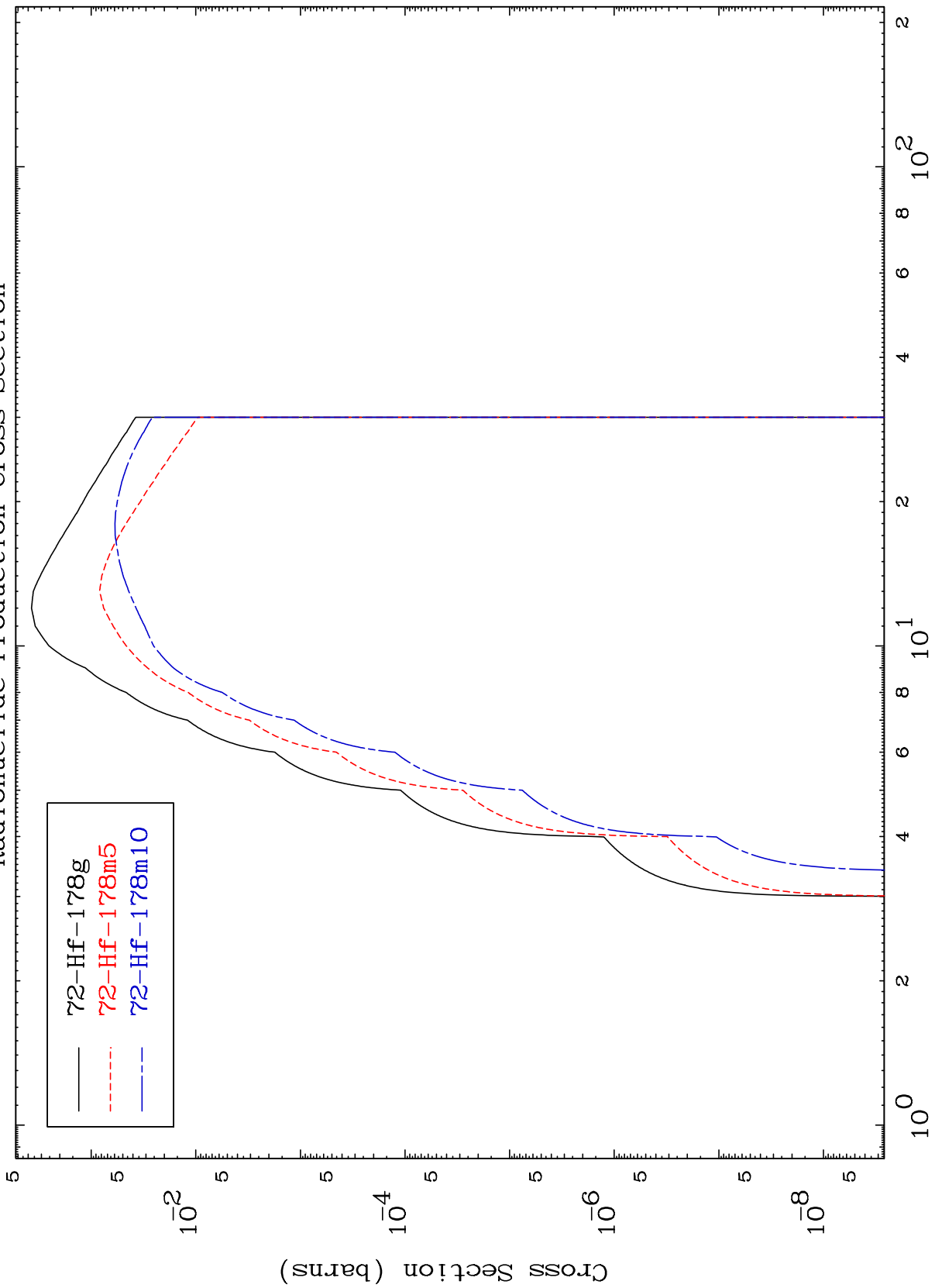
Incident Energy (MeV)

<sup>71</sup>Lu-178

MAT 7134

<sup>71</sup>Lu-178

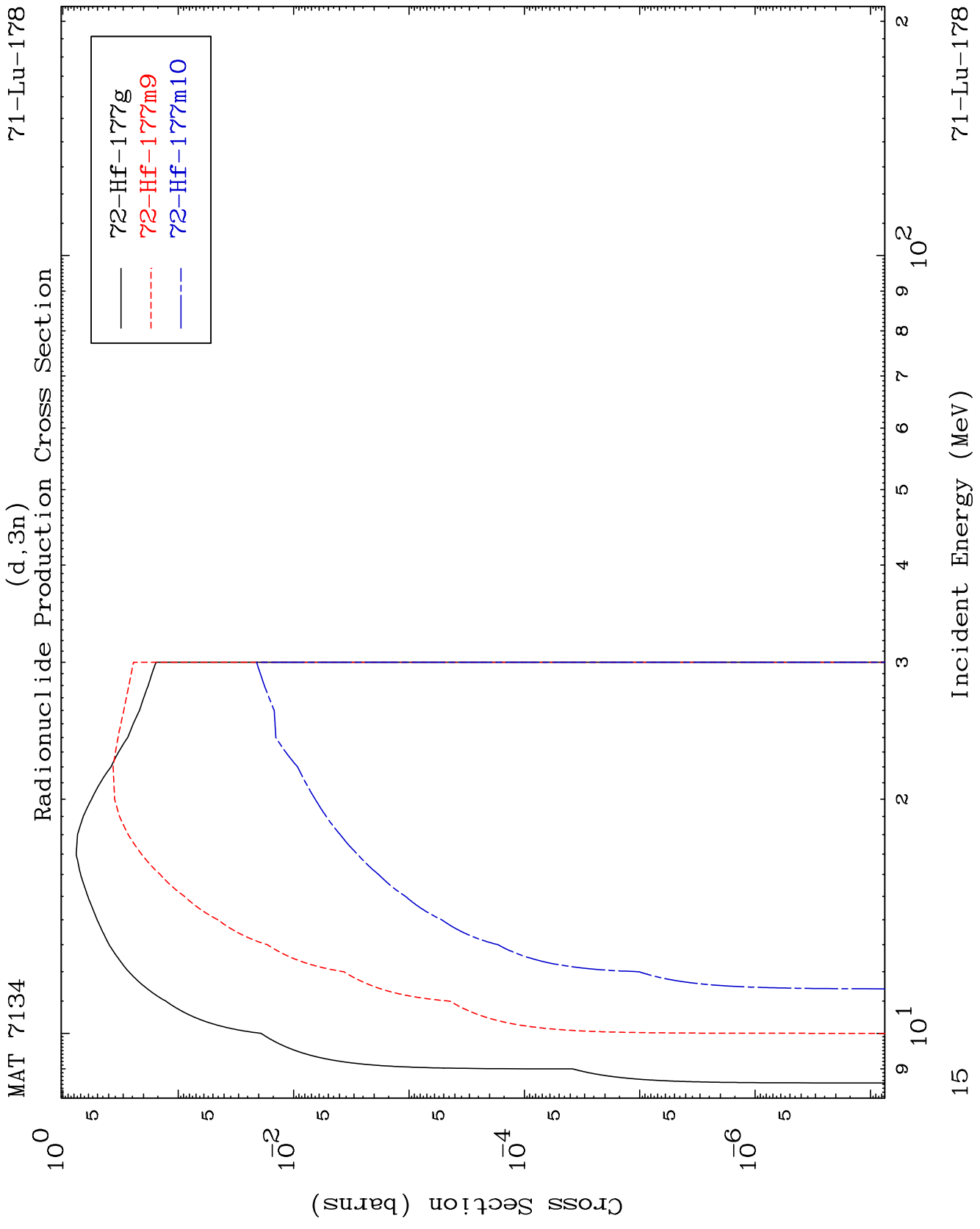
Radionuclide Production Cross Section  
(d,2n)



<sup>71</sup>Lu-178

Incident Energy (MeV)

14

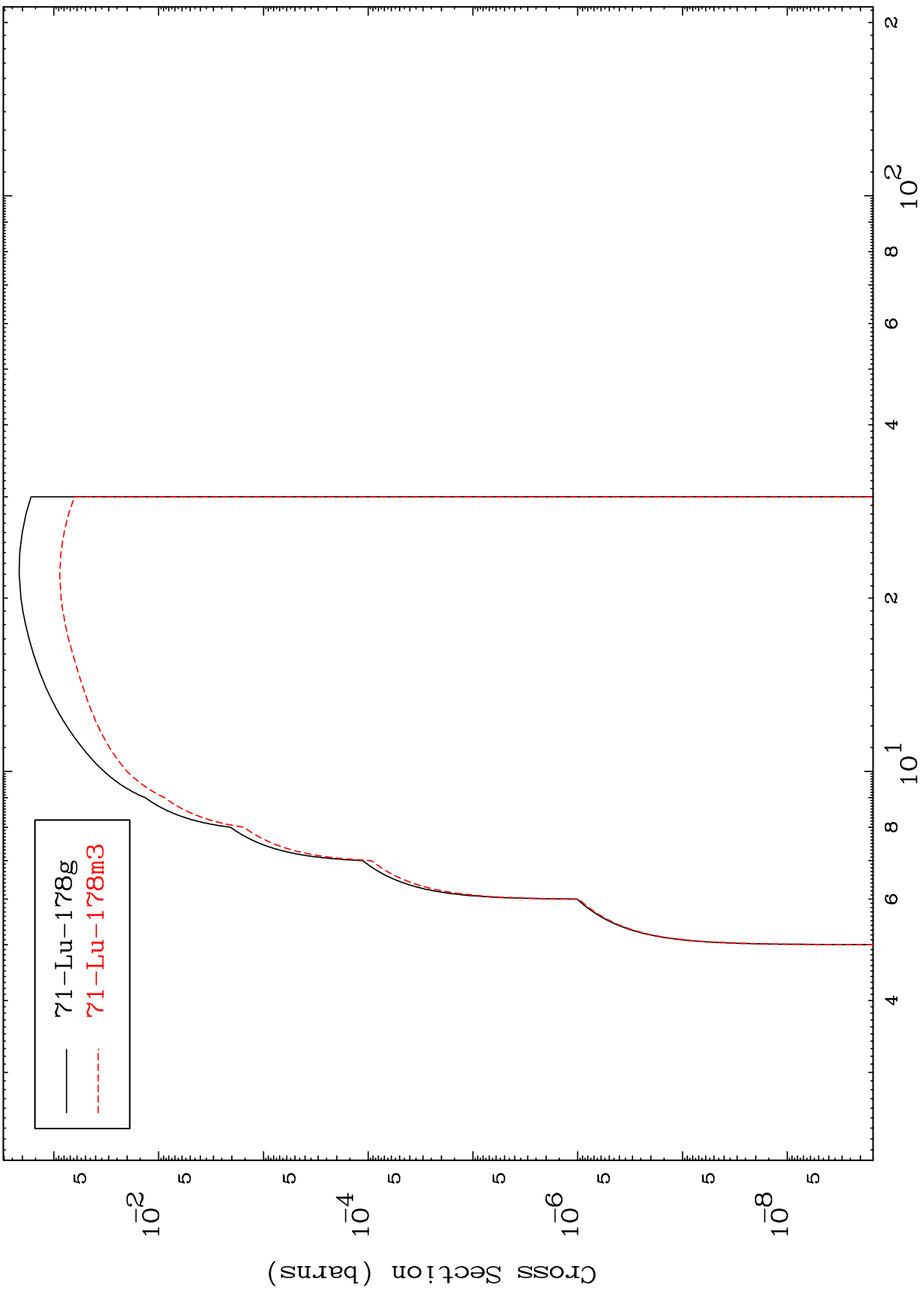




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71-Lu-178

(d,n') p  
Radionuclide Production Cross Section



71-Lu-178g  
71-Lu-178m3

71-Lu-178

Incident Energy (MeV)

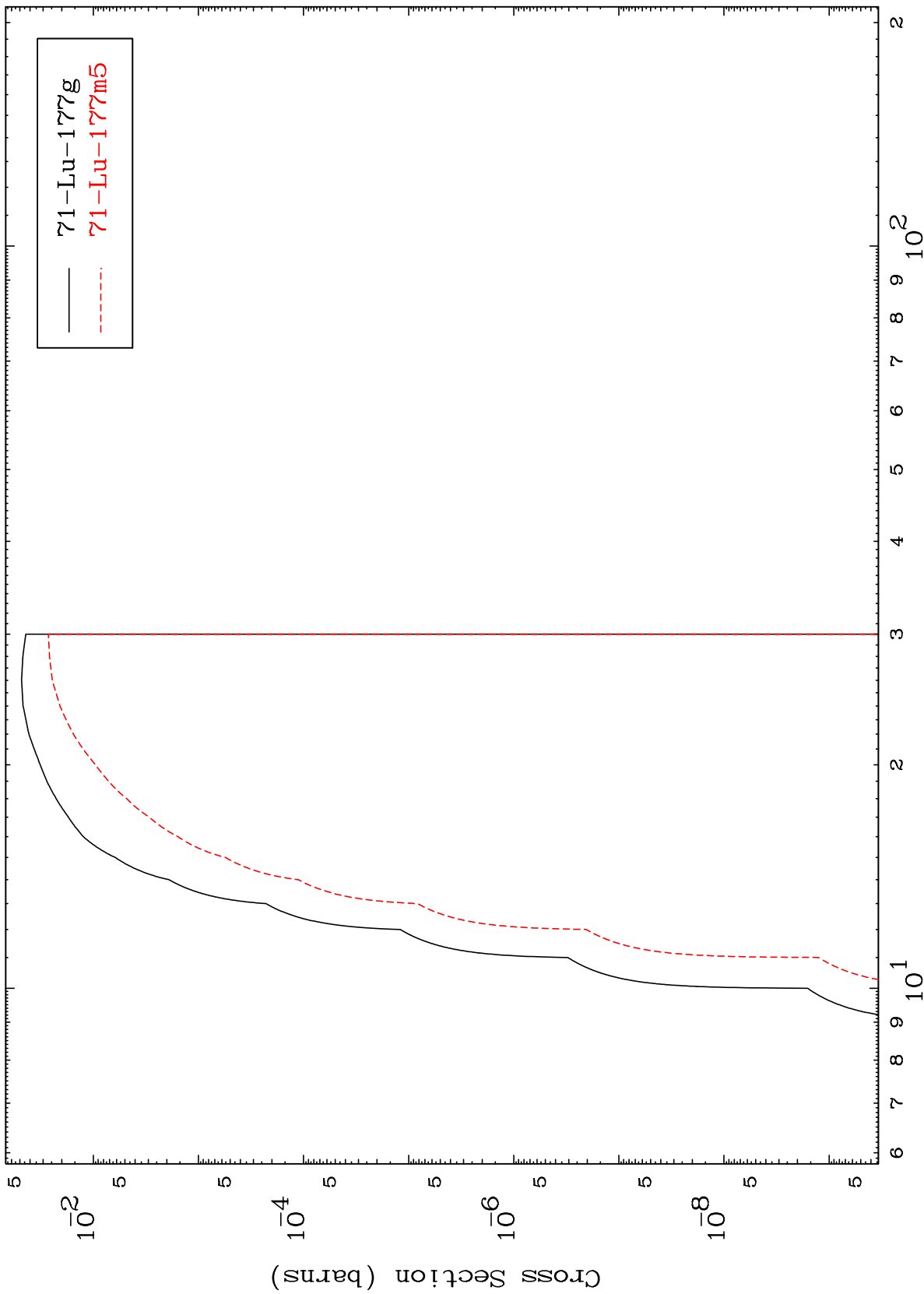
16

MAT 7134

(d,n') d

71-Lu-178

Radionuclide Production Cross Section



17

Incident Energy (MeV)

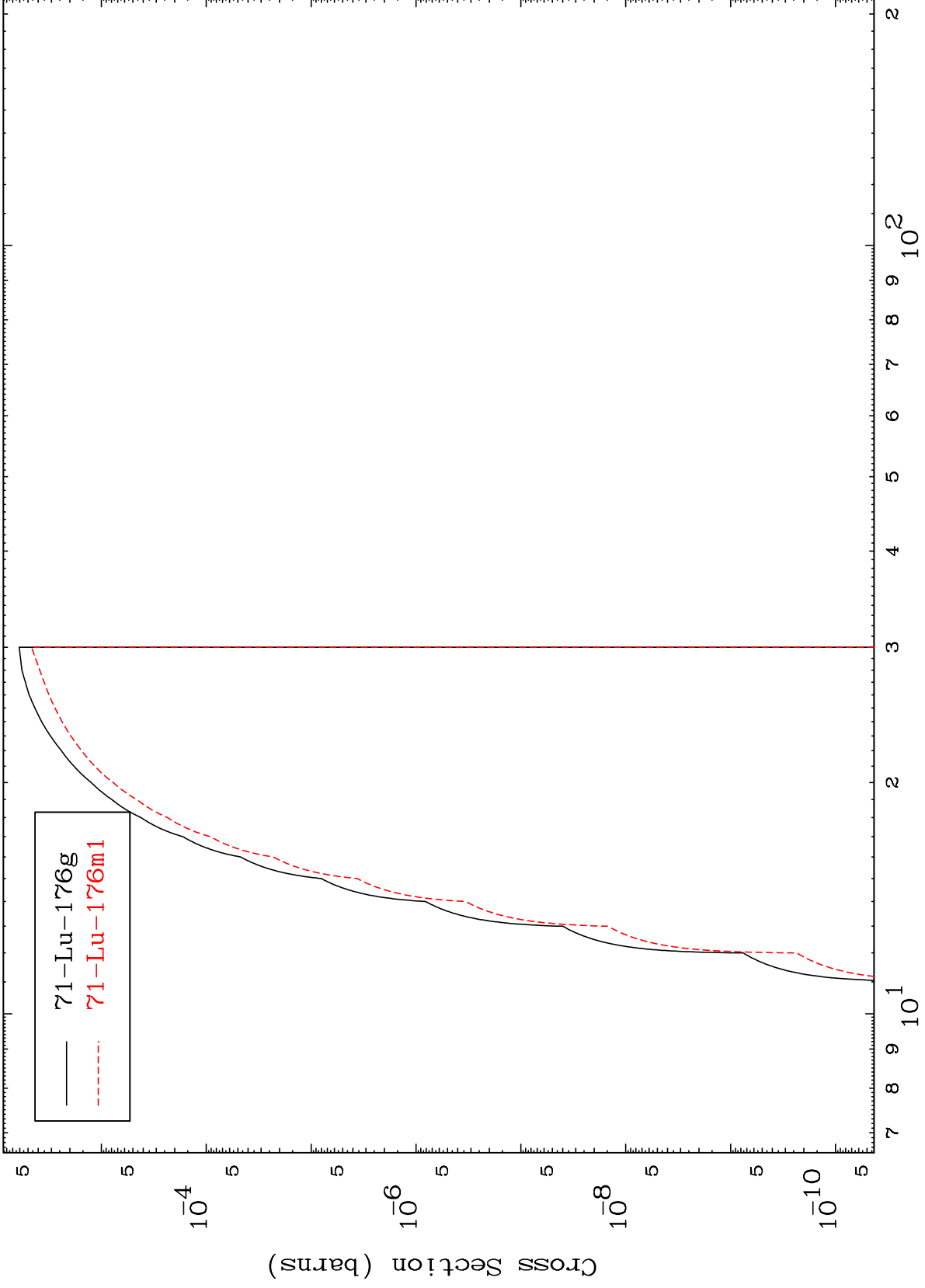
71-Lu-178

MAT 7134

(d,n') t

<sup>71</sup>Lu-178

Radionuclide Production Cross Section



18

Incident Energy (MeV)

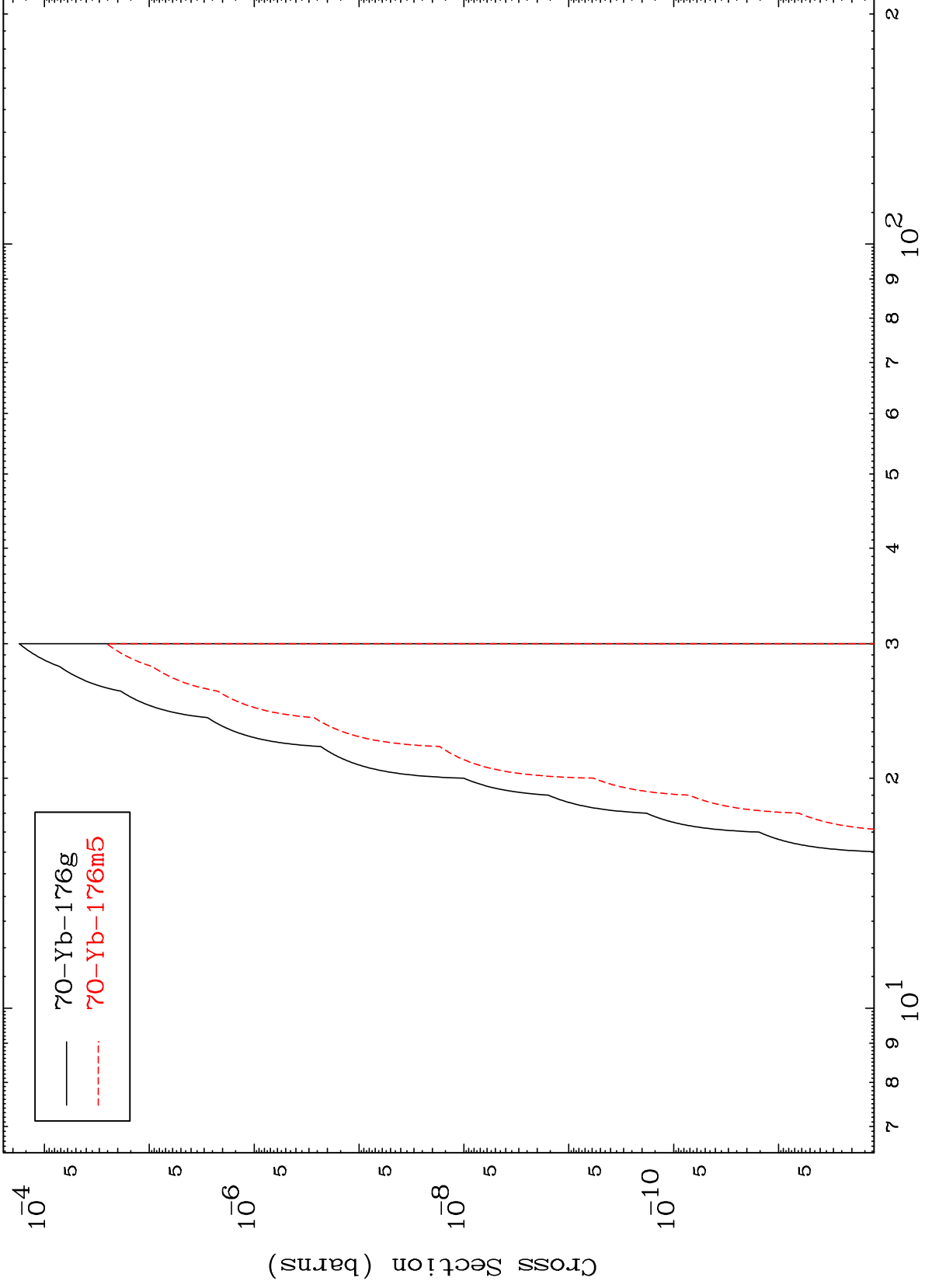
<sup>71</sup>Lu-178

MAT 7134

(d,n') He-3

71-Lu-178

Radionuclide Production Cross Section



— 70-Yb-176g  
- - - 70-Yb-176m5

19

Incident Energy (MeV)

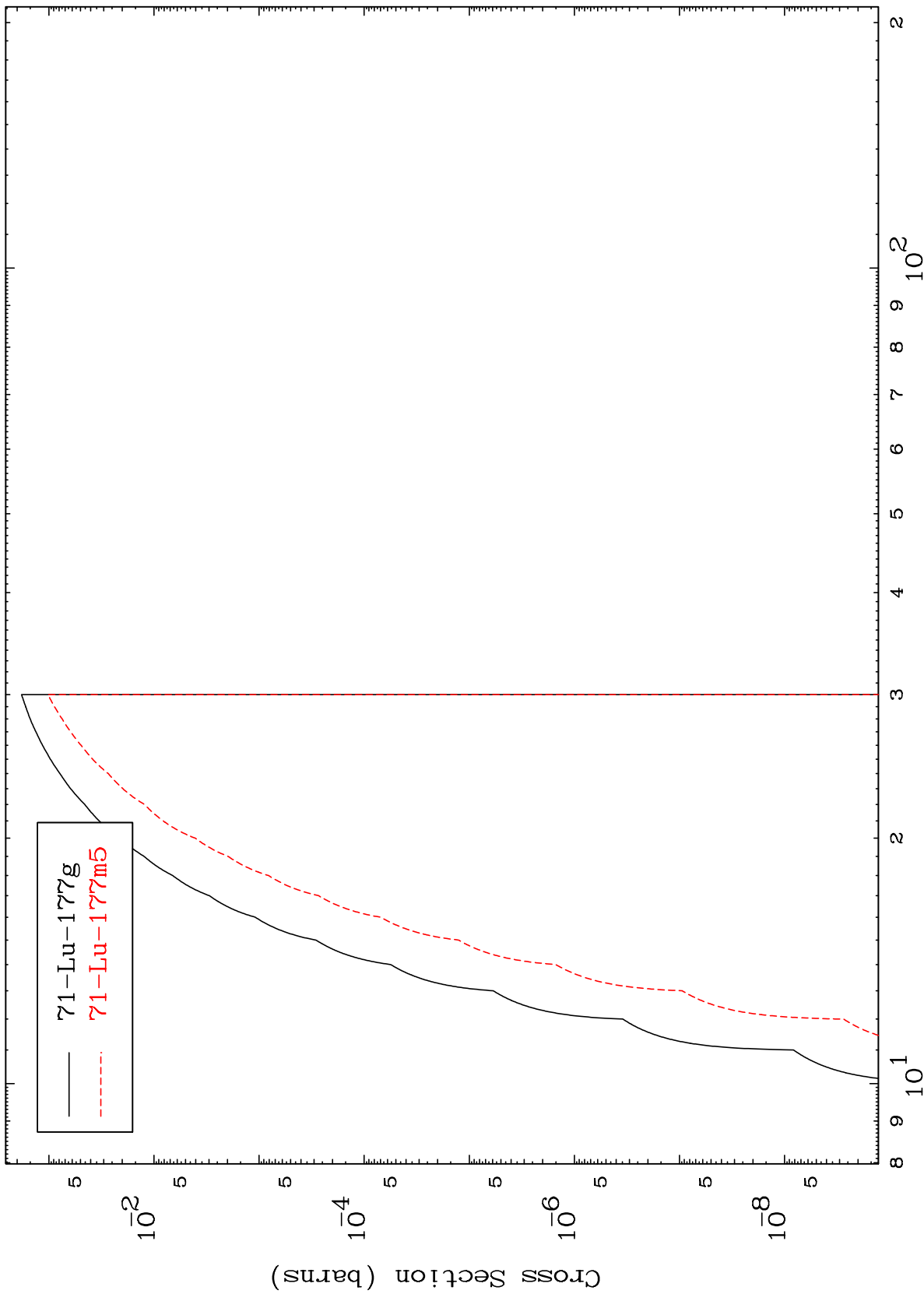
71-Lu-178

MAT 7134

(d,2n) p

<sup>71</sup>Lu-178

Radionuclide Production Cross Section



Incident Energy (MeV)

<sup>71</sup>Lu-178

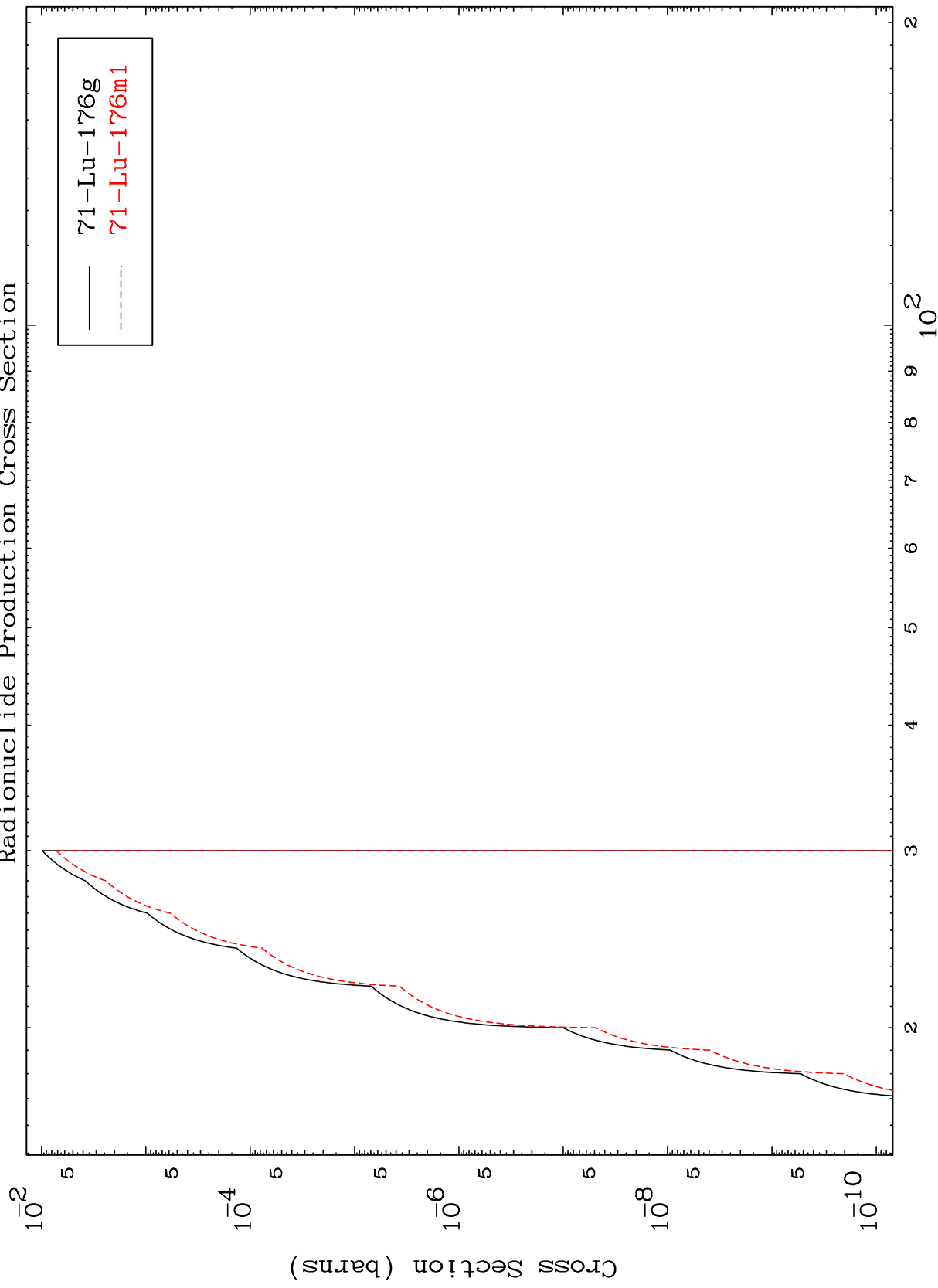
20

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(d,3n) p

<sup>71</sup>Lu-178

Radionuclide Production Cross Section



21

Incident Energy (MeV)

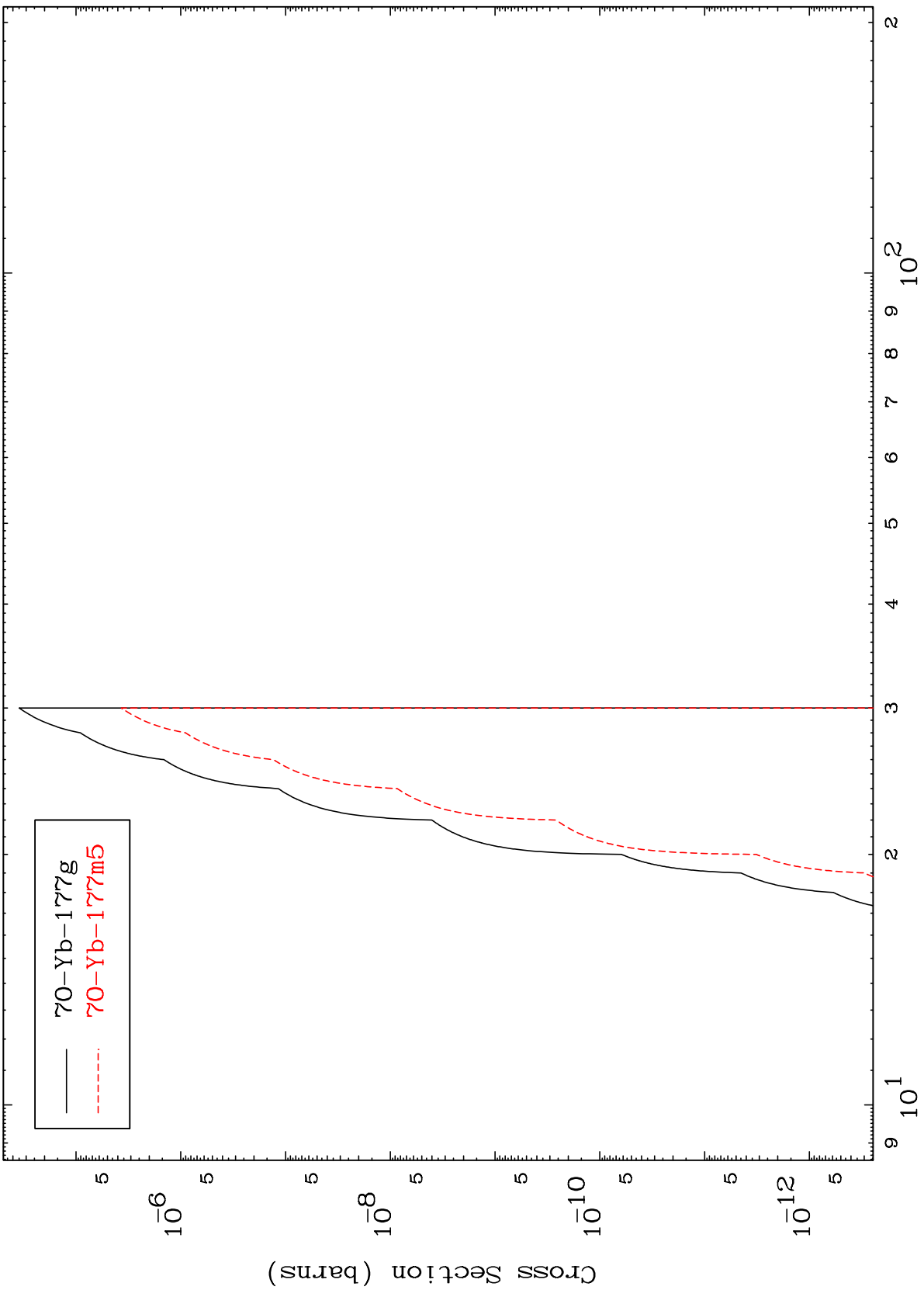
<sup>71</sup>Lu-178

MAT 7134

(d,2n) p

<sup>71</sup>Lu-178

Radionuclide Production Cross Section



— <sup>70</sup>Yb-177g  
- - - <sup>70</sup>Yb-177m5

22

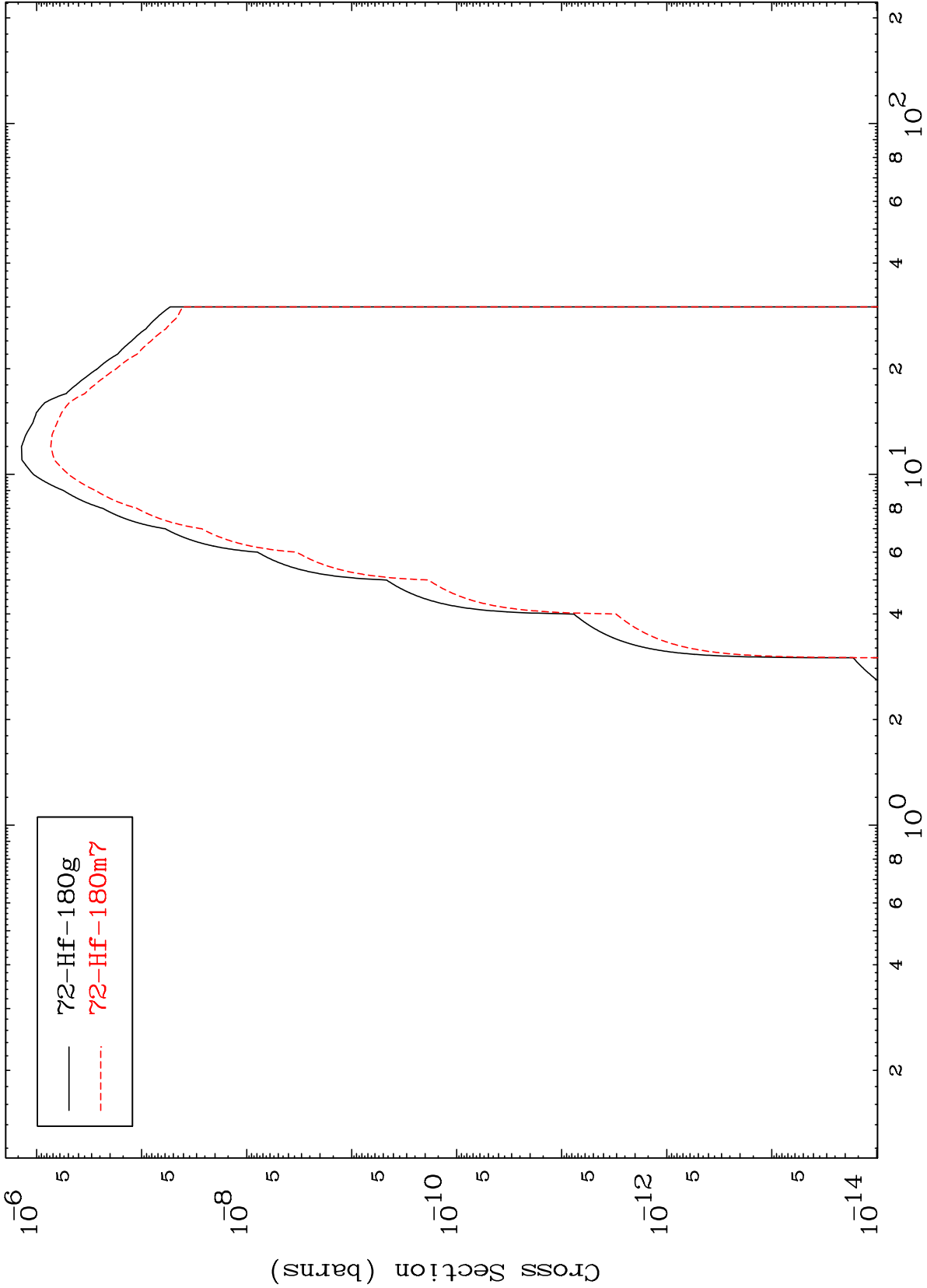
Incident Energy (MeV)

<sup>71</sup>Lu-178

MAT 7134

71-Lu-178

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



71-Lu-178

Incident Energy (MeV)

23

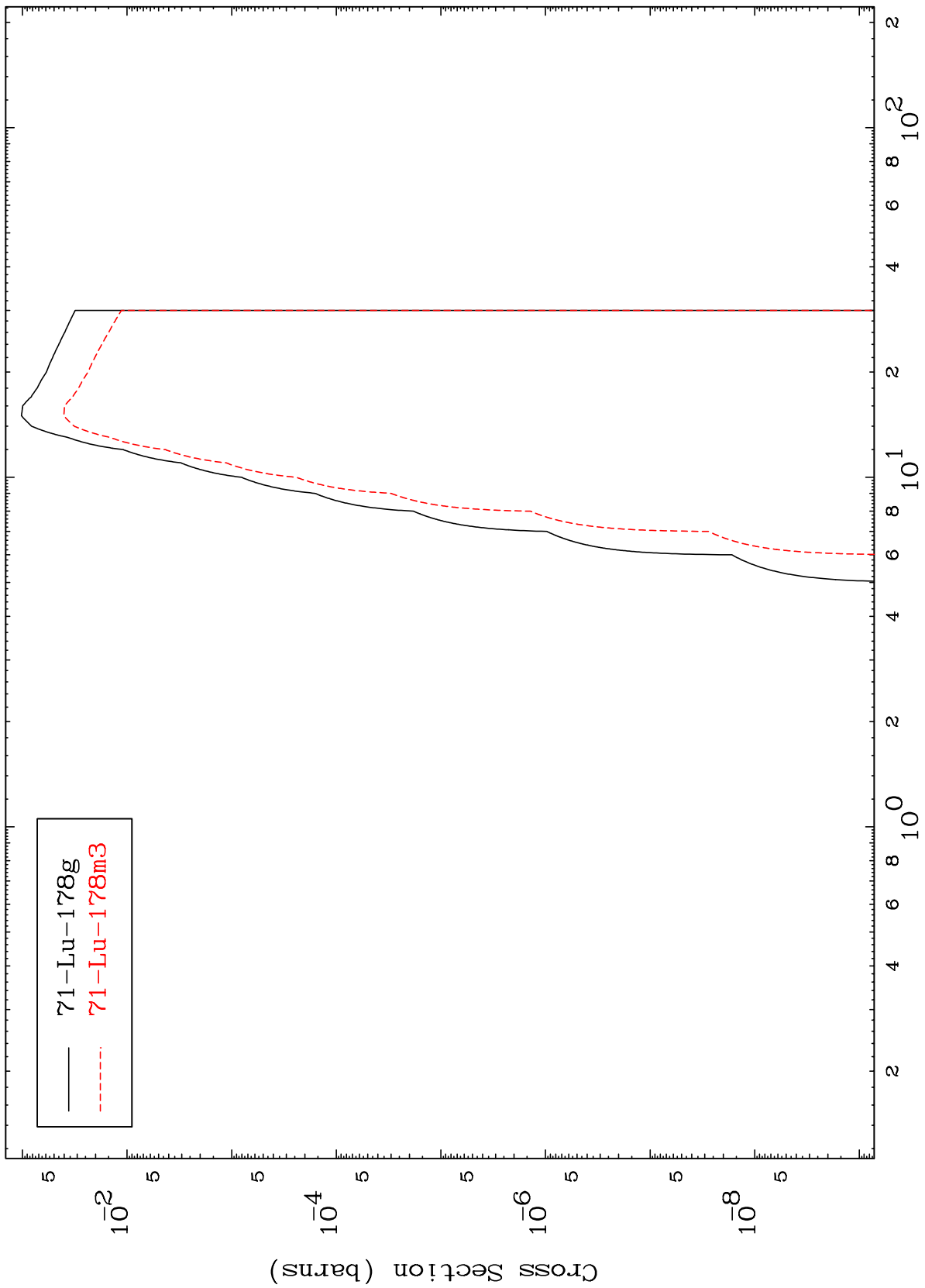


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(d,d)

<sup>71</sup>Lu-178

Radionuclide Production Cross Section

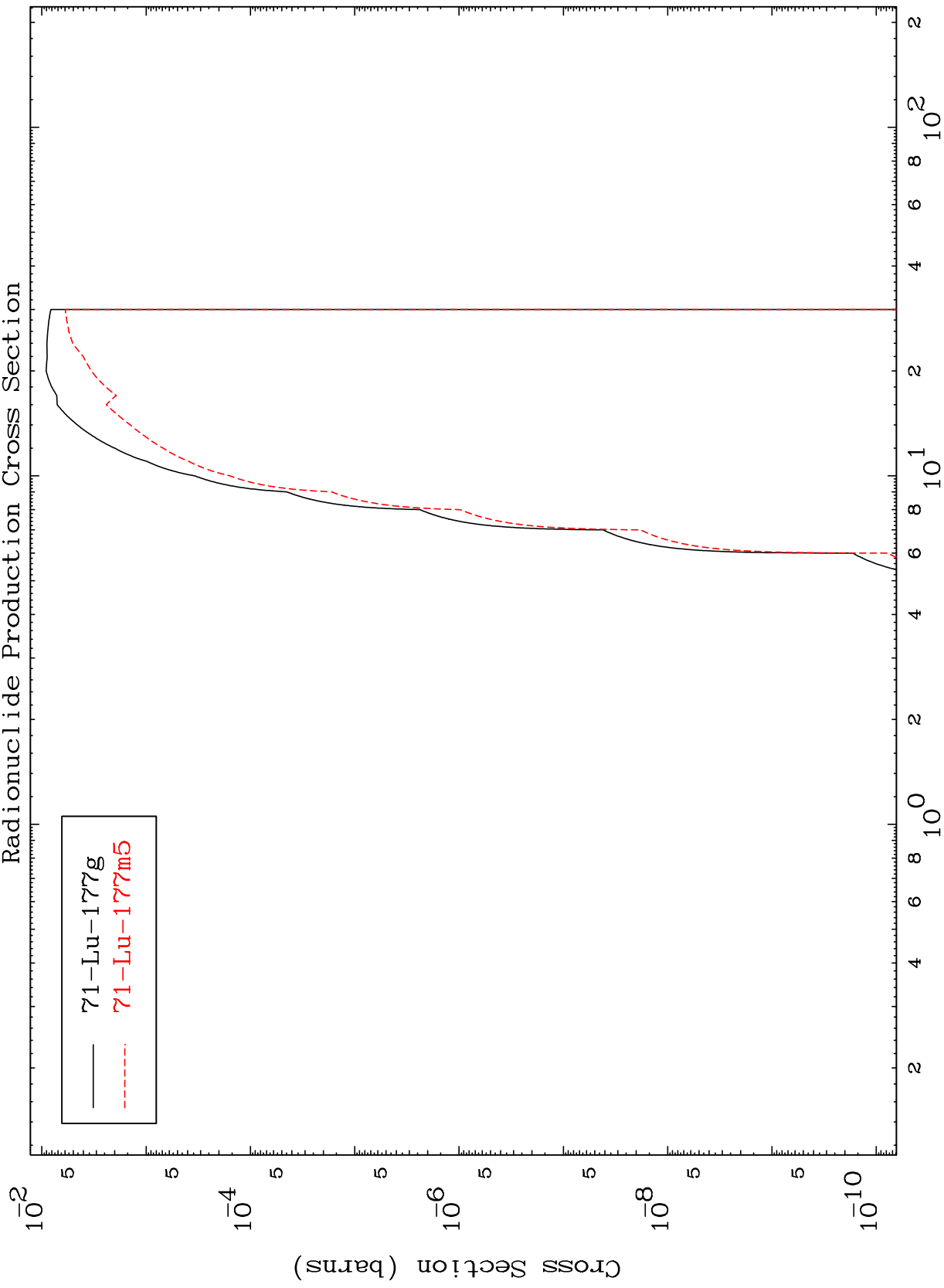


— <sup>71</sup>Lu-178g  
- - - <sup>71</sup>Lu-178m3

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<sup>71</sup>Lu-178

Radionuclide Production Cross Section  
(d, t)



25

Incident Energy (MeV)

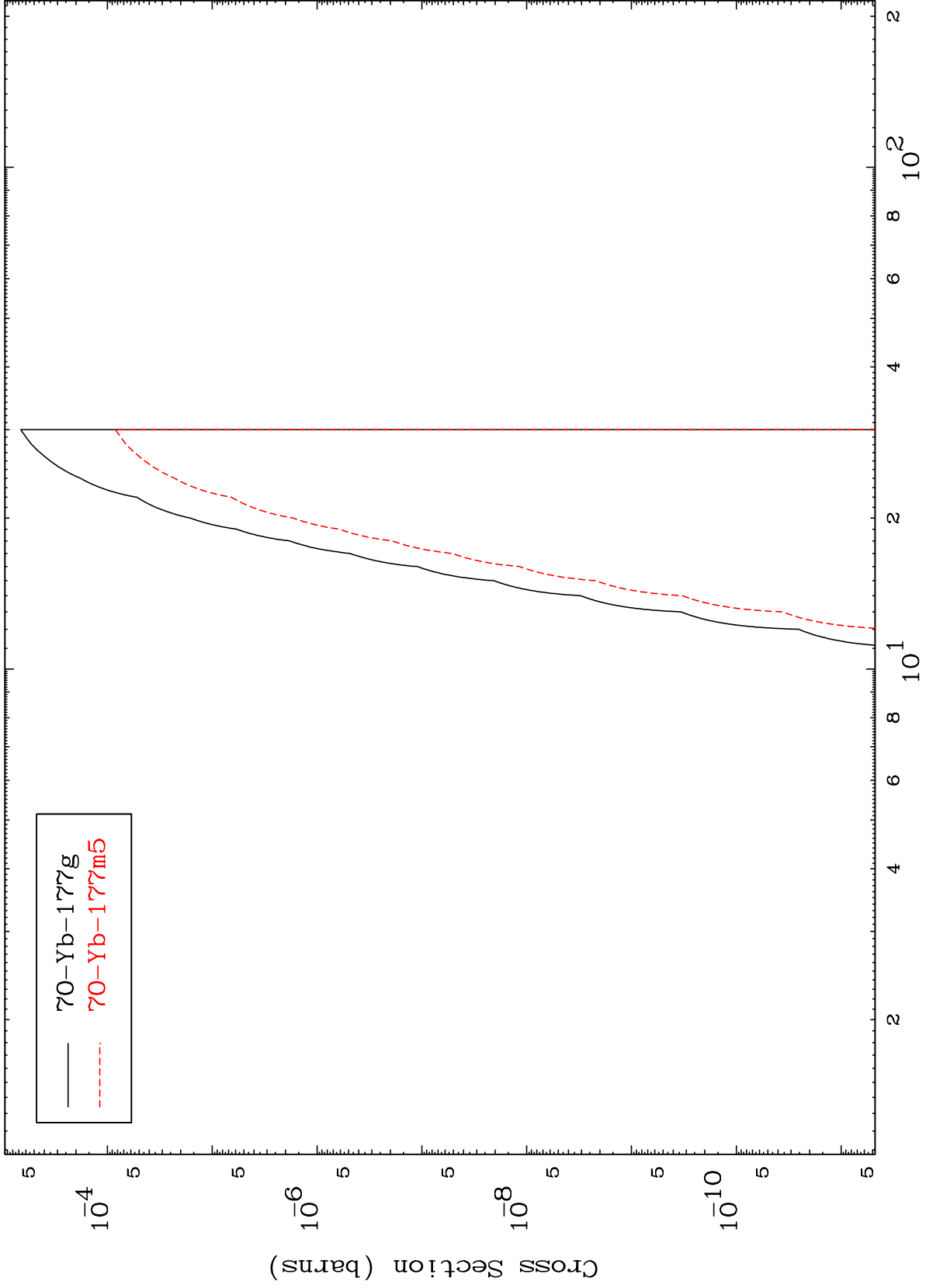
<sup>71</sup>Lu-178

MAT 7134

(d,He-3)

71-Lu-178

Radionuclide Production Cross Section



26

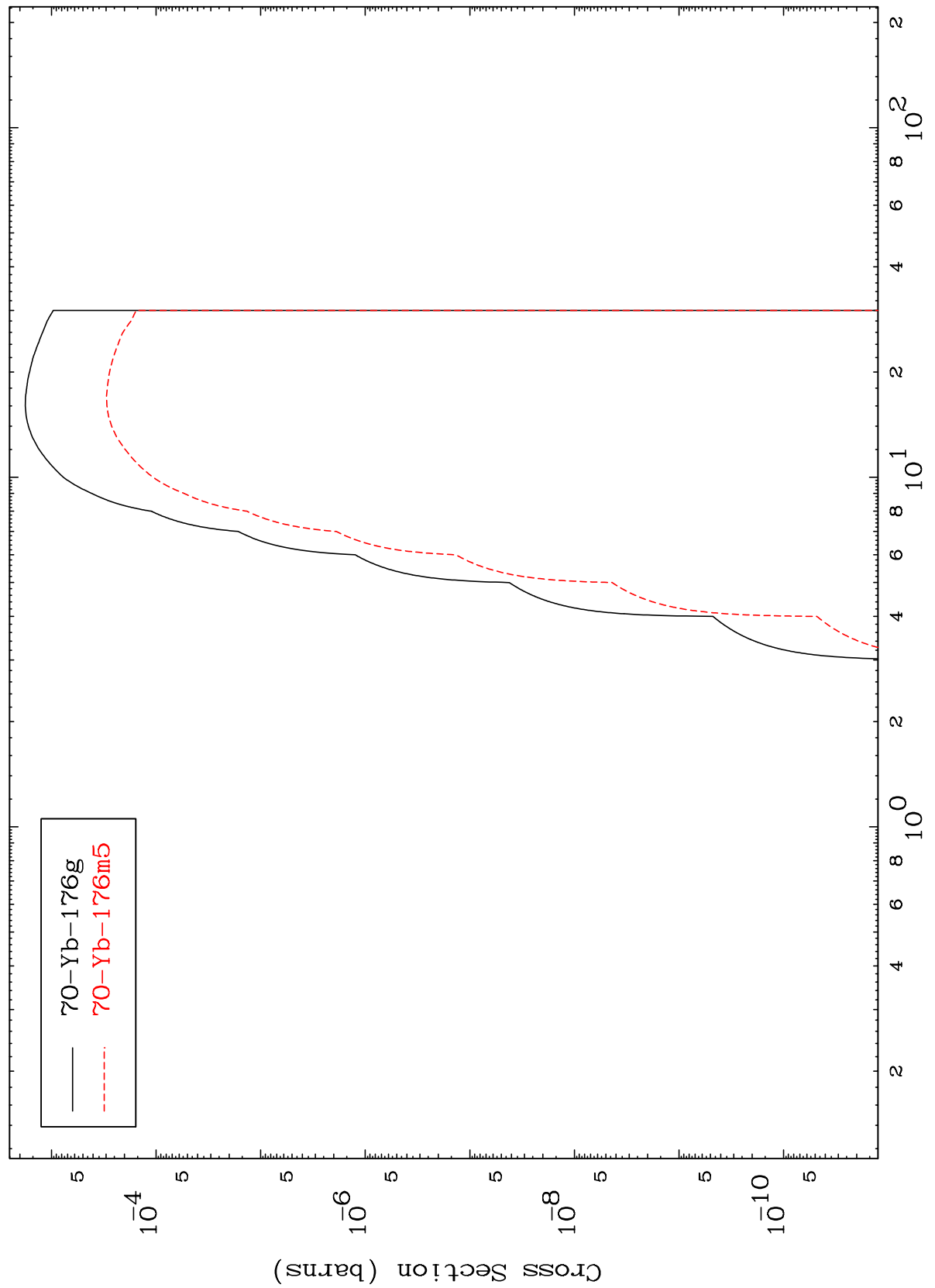
Incident Energy (MeV)

71-Lu-178

MAT 7134

71-Lu-178

(d,  $\alpha$ )  
Radionuclide Production Cross Section

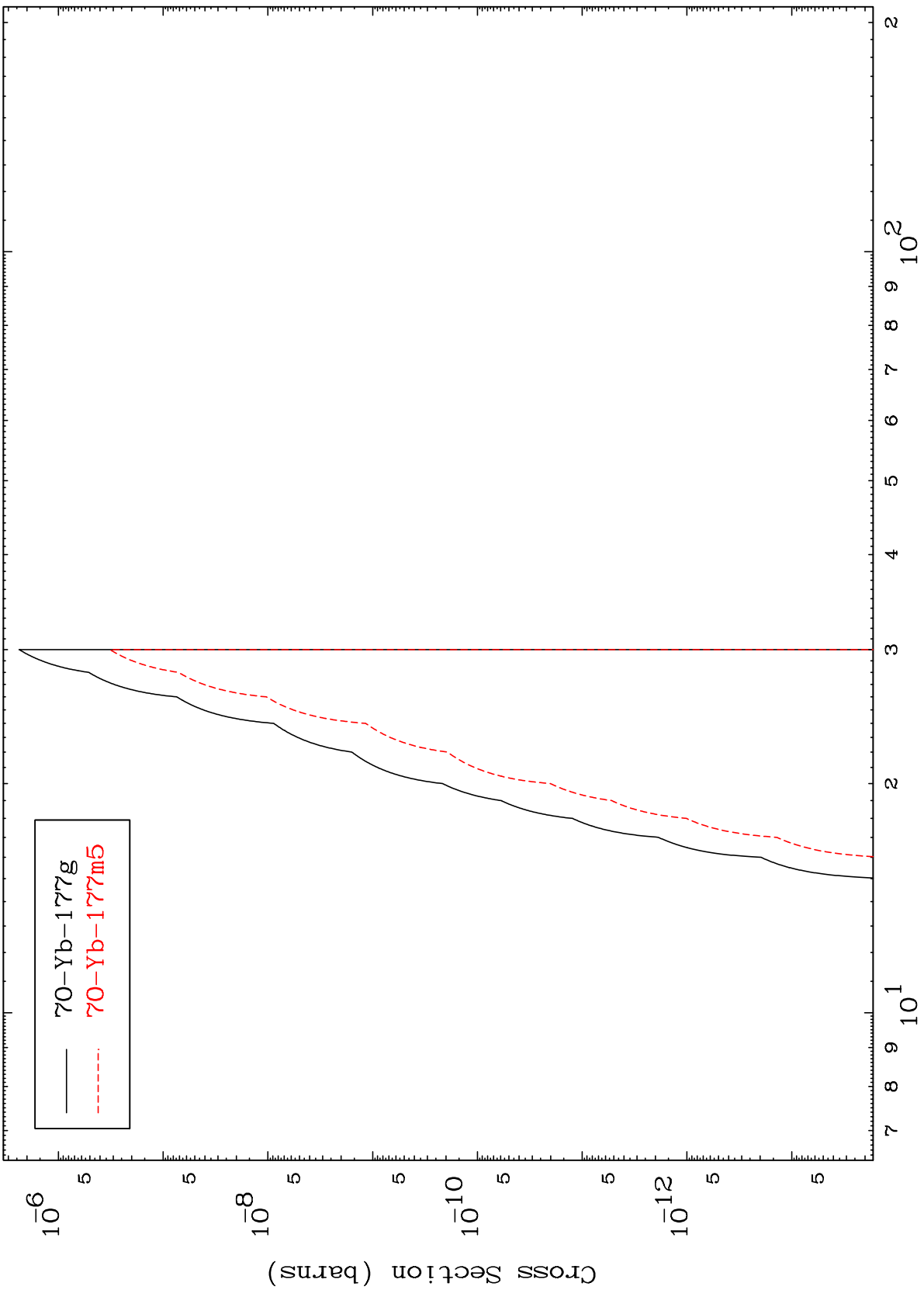


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(d,p) d

71-Lu-178

Radionuclide Production Cross Section



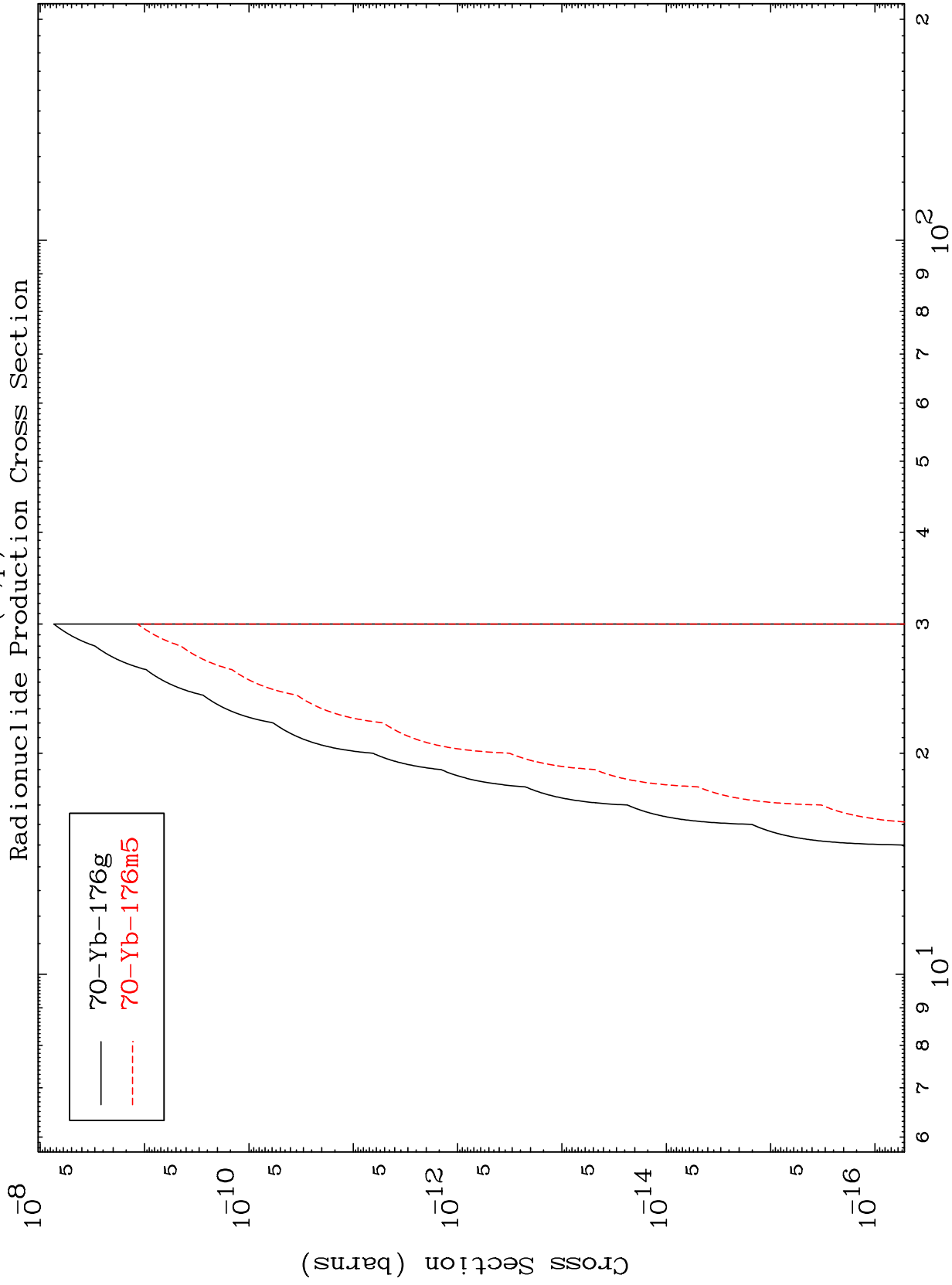
— 70-Yb-177g  
- - - 70-Yb-177m5

MAT 7134

(d,p) t

71-Lu-178

Radionuclide Production Cross Section



29

Incident Energy (MeV)

71-Lu-178