

Program EVALPLOT  
(Version 2018-1)

by

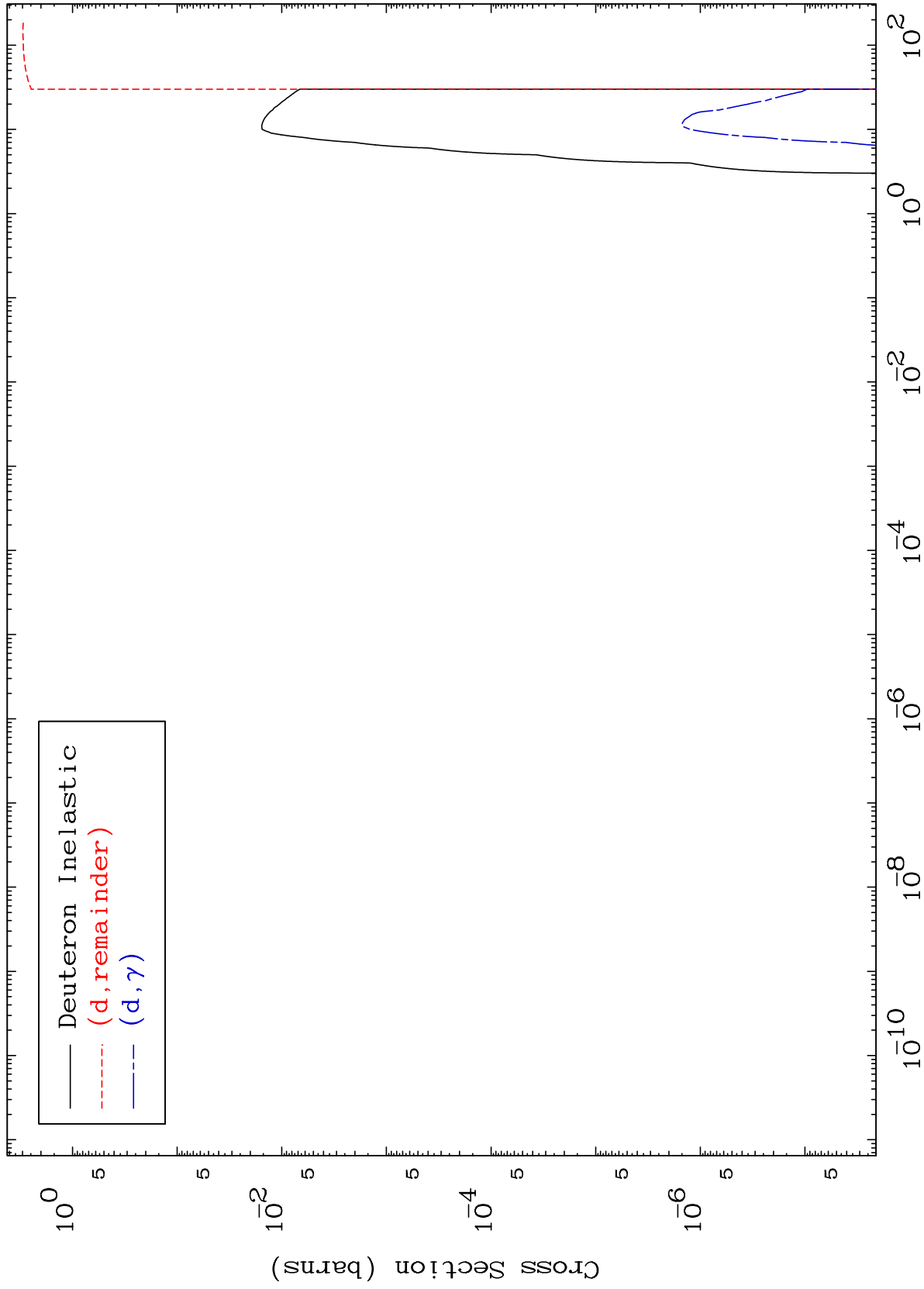
Dermott E. Cullen  
(Present Contact Information)

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

Tele: 925-443-1911

E.Mail: [redcullen1@comcast.net](mailto:redcullen1@comcast.net)  
Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

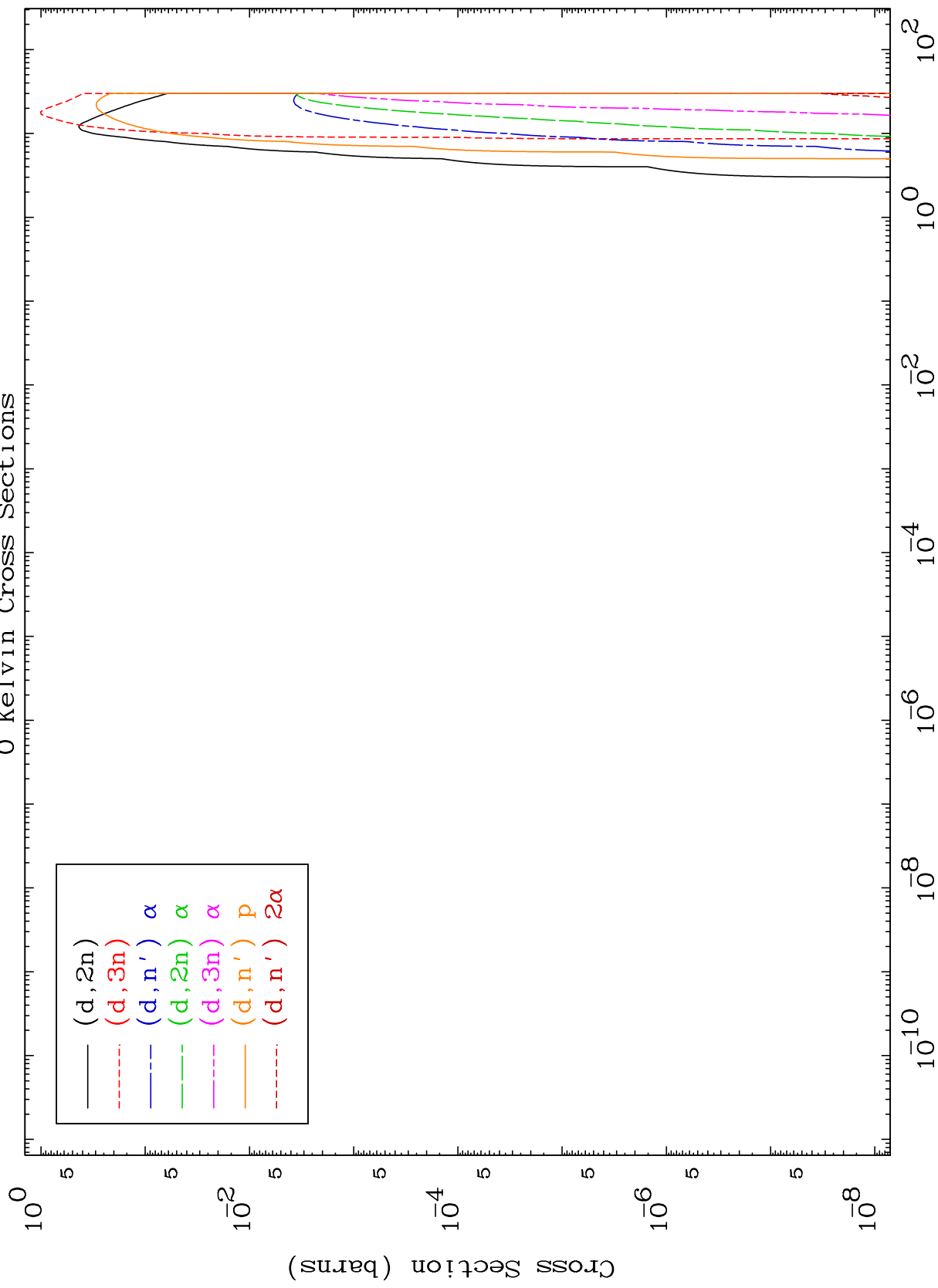
Press Mouse Button to Start



MAT 7134

Deuteron Neutron Production  
0 Kelvin Cross Sections

71-Lu-178



2

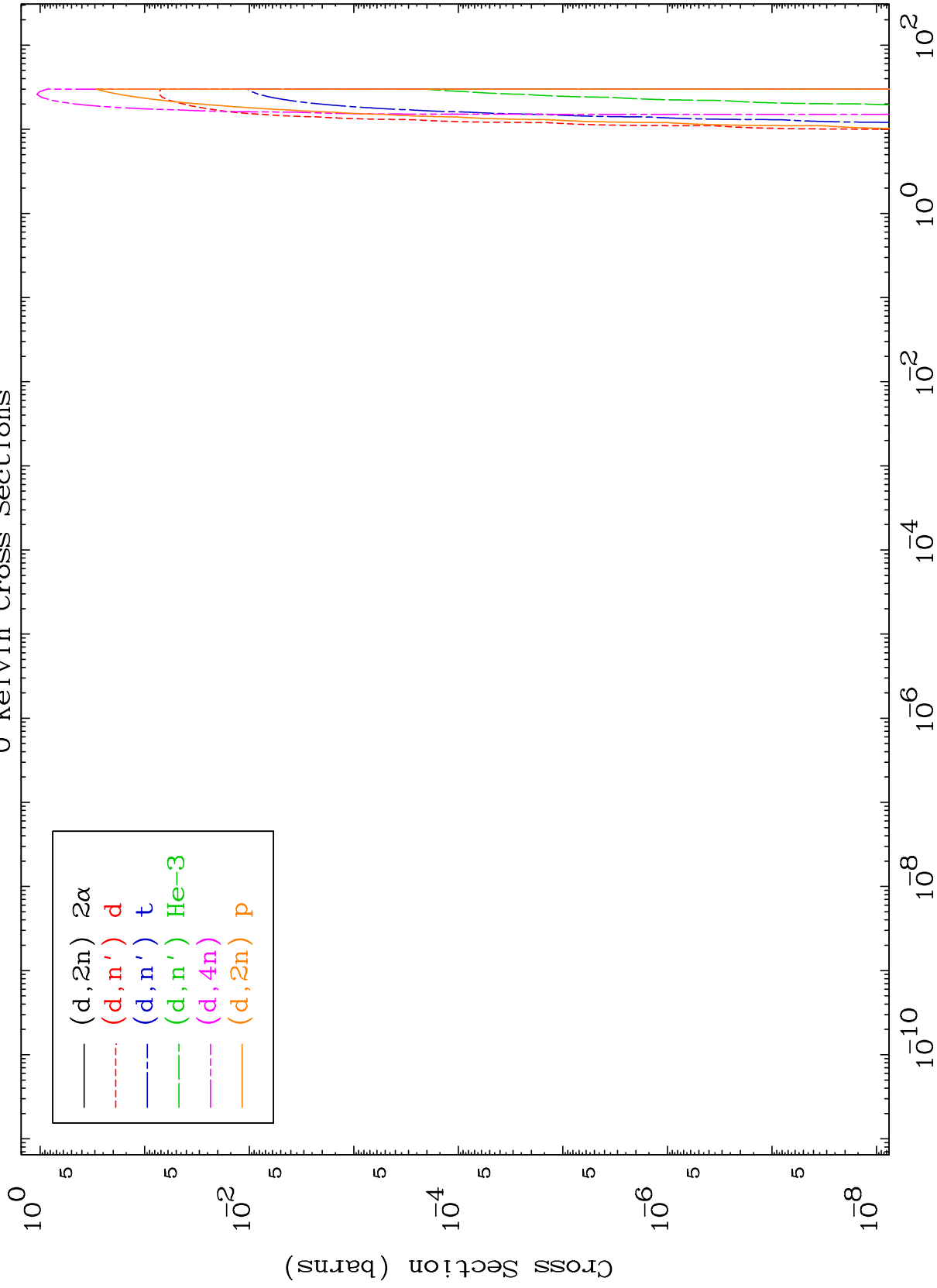
Incident Energy (MeV)

71-Lu-178

MAT 7134

Deuteron Neutron Production  
0 Kelvin Cross Sections

71-Lu-178



3

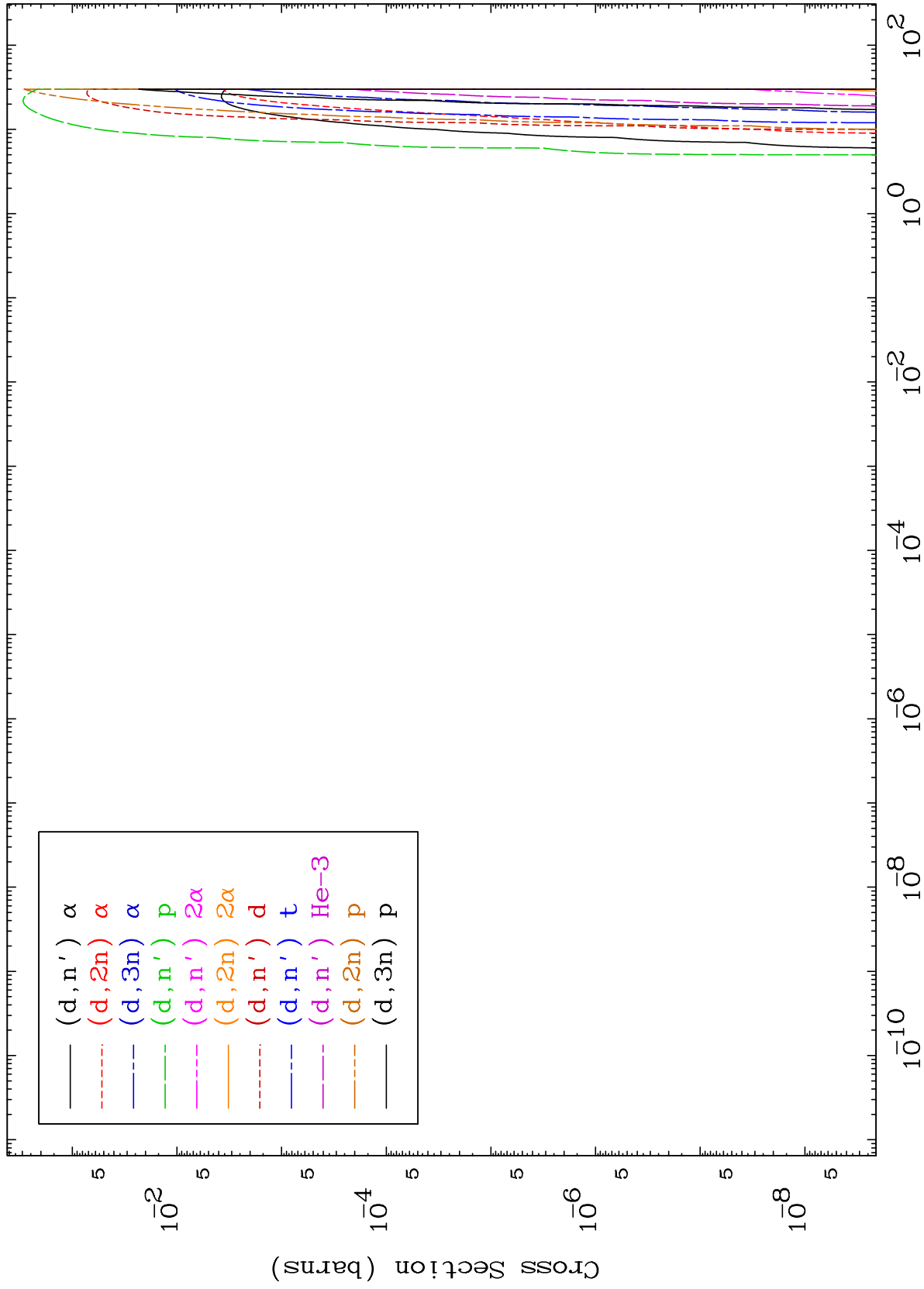
Incident Energy (MeV)

71-Lu-178

MAT 7134

Deuteron Charged Particle  
0 Kelvin Cross Sections

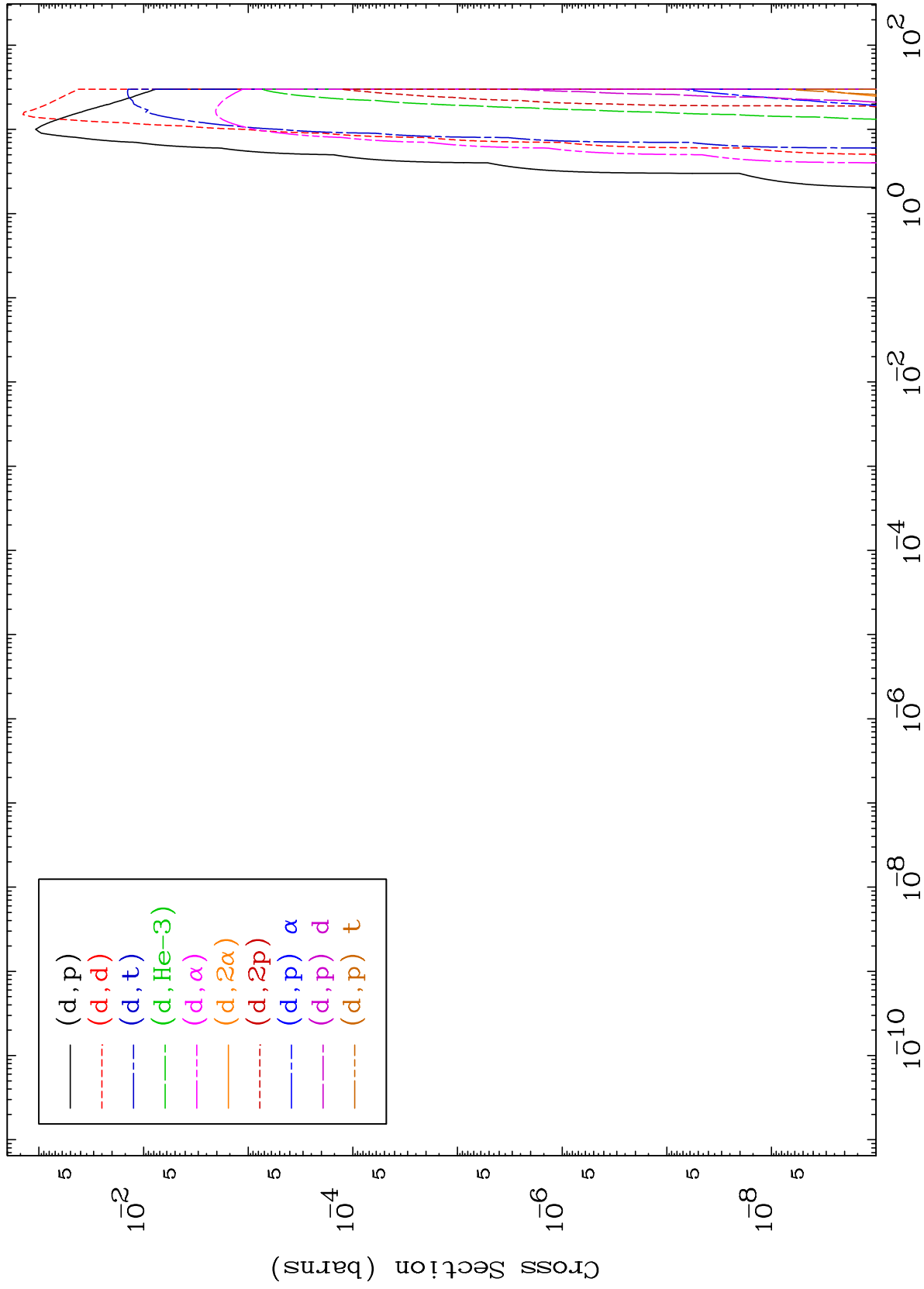
71-Lu-178



MAT 7134

Deuteron Charged Particle  
0 Kelvin Cross Sections

71-Lu-178



5

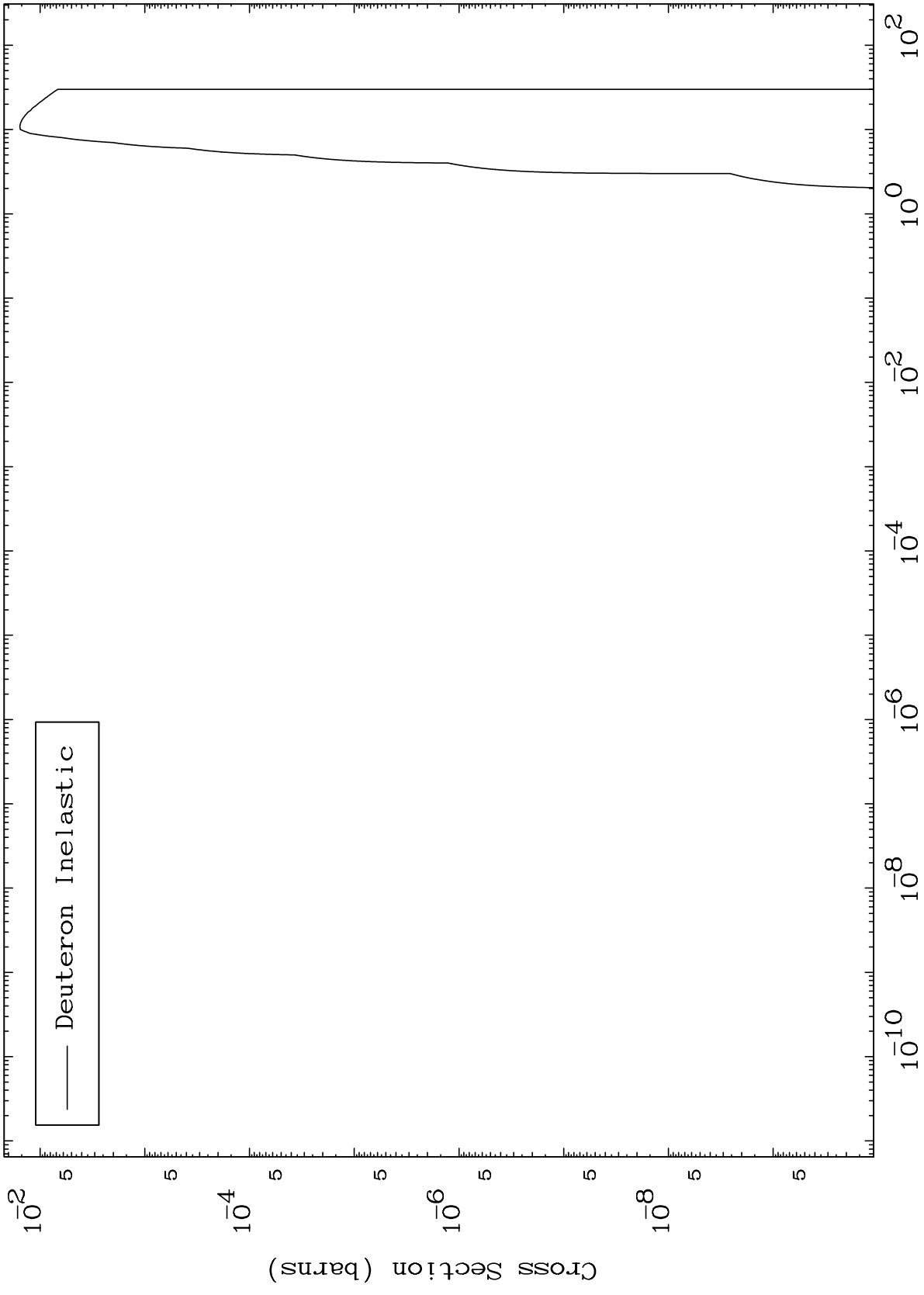
Incident Energy (MeV)

71-Lu-178

MAT 7134

(d,n') Level  
0 Kelvin Cross Sections

71-Lu-178

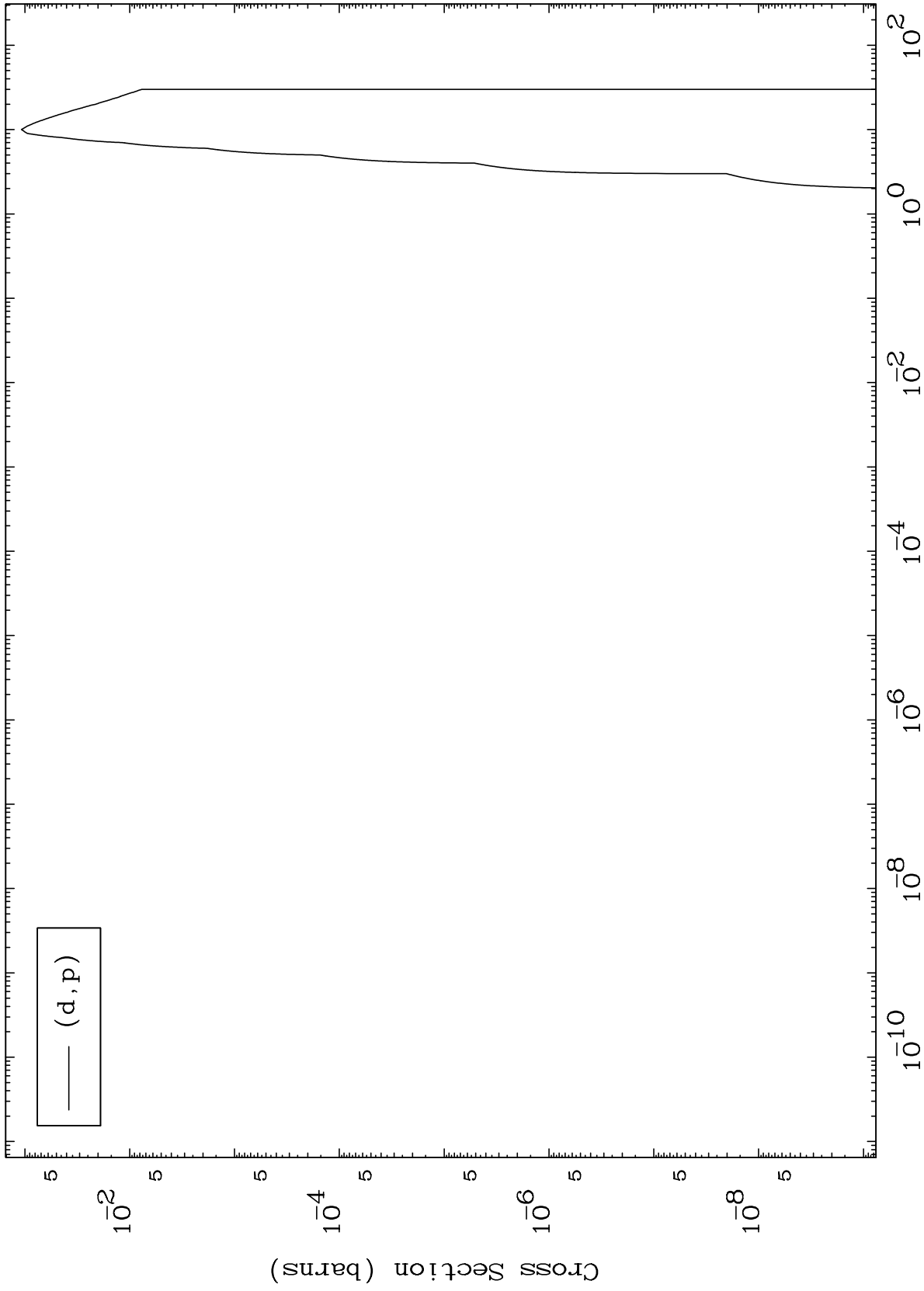


71-Lu-178

MAT 7134

(d,p) Levels  
0 Kelvin Cross Sections

71-Lu-178



7

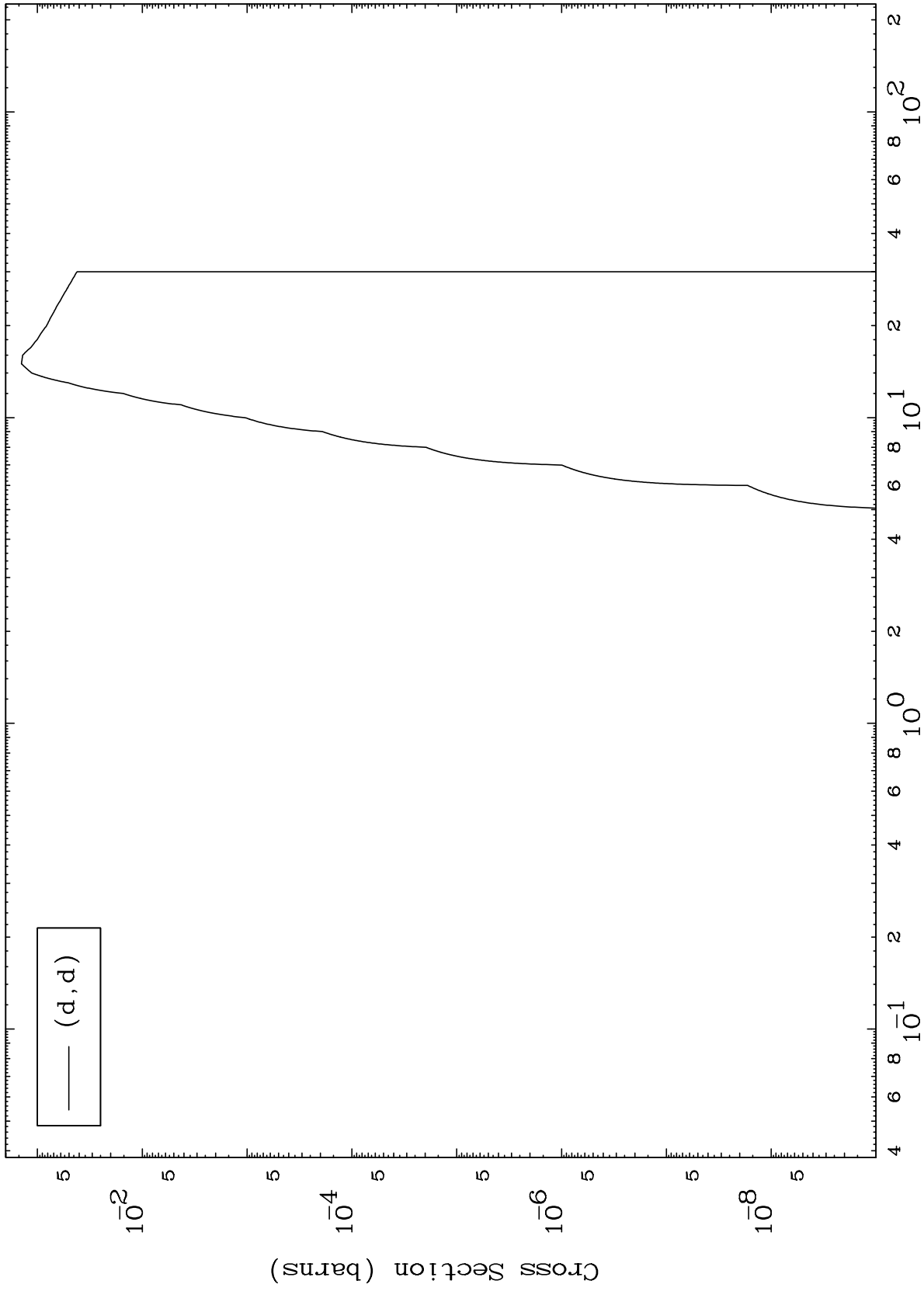
Incident Energy (MeV)

71-Lu-178

MAT 7134

(d,d) Levels  
0 Kelvin Cross Sections

71-Lu-178



8

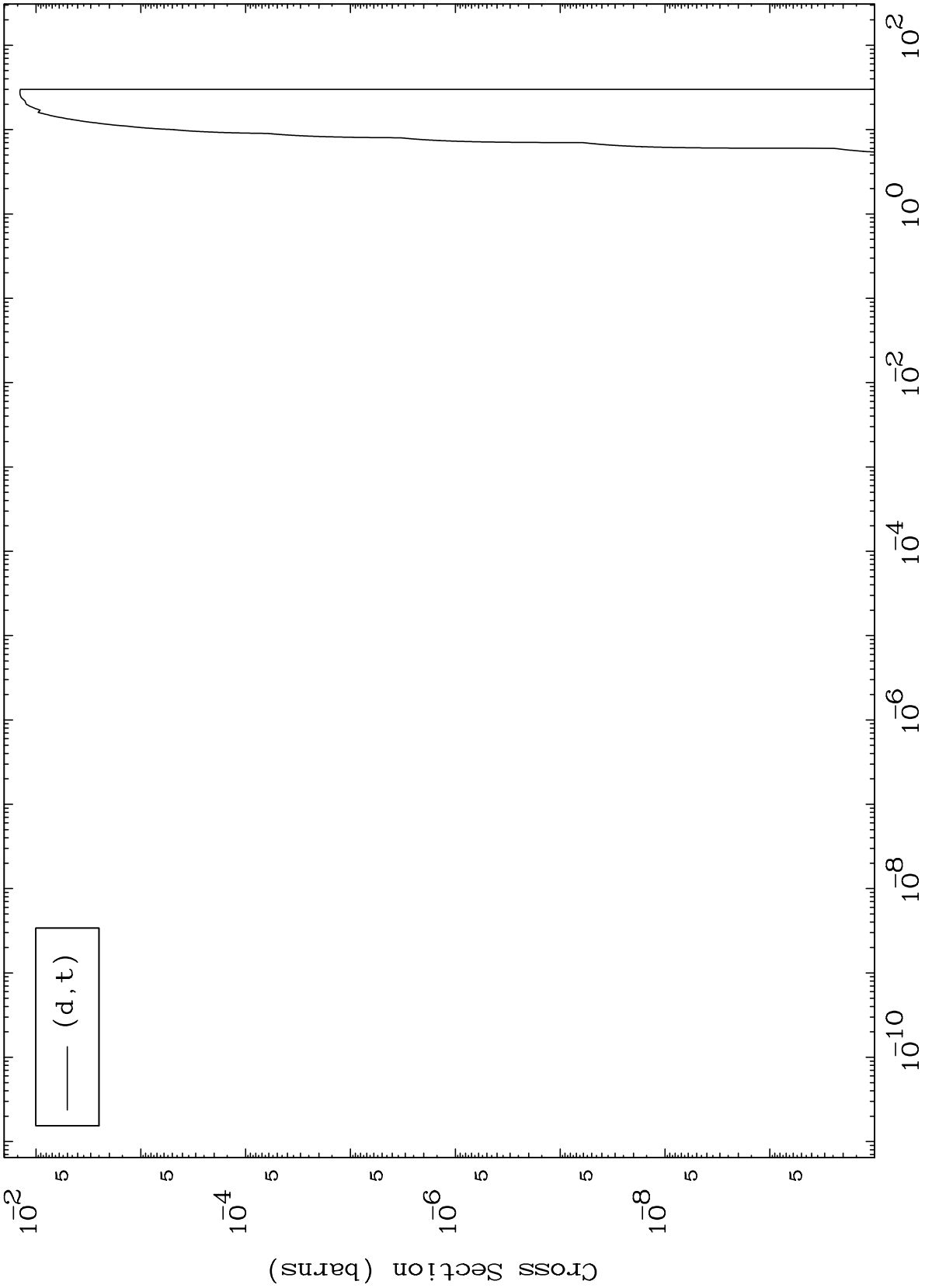
Incident Energy (MeV)

71-Lu-178

MAT 7134

(d,t) Levels  
0 Kelvin Cross Sections

71-Lu-178

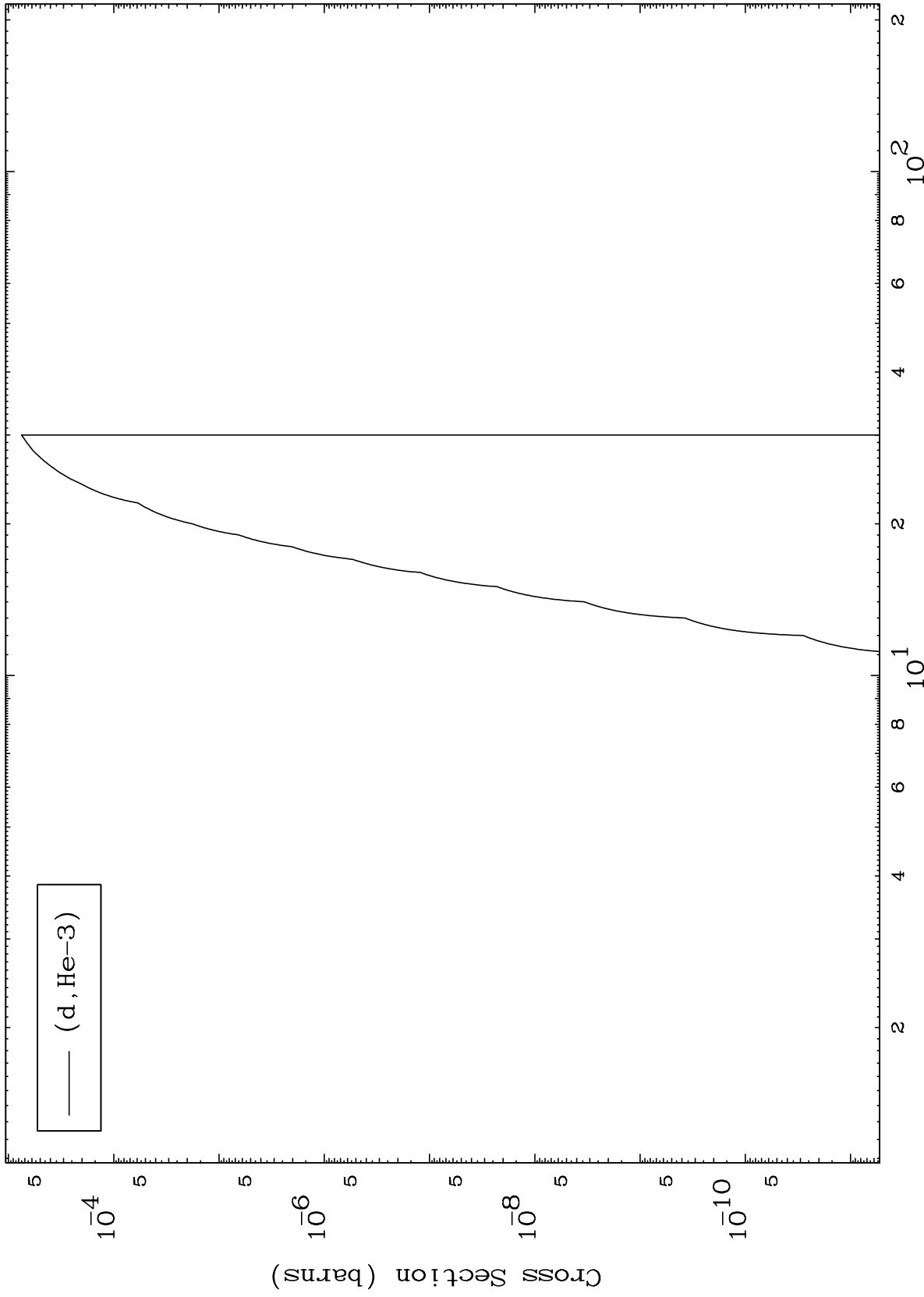


71-Lu-178

MAT 7134

(d,He3) Levels  
0 Kelvin Cross Sections

71-Lu-178



10

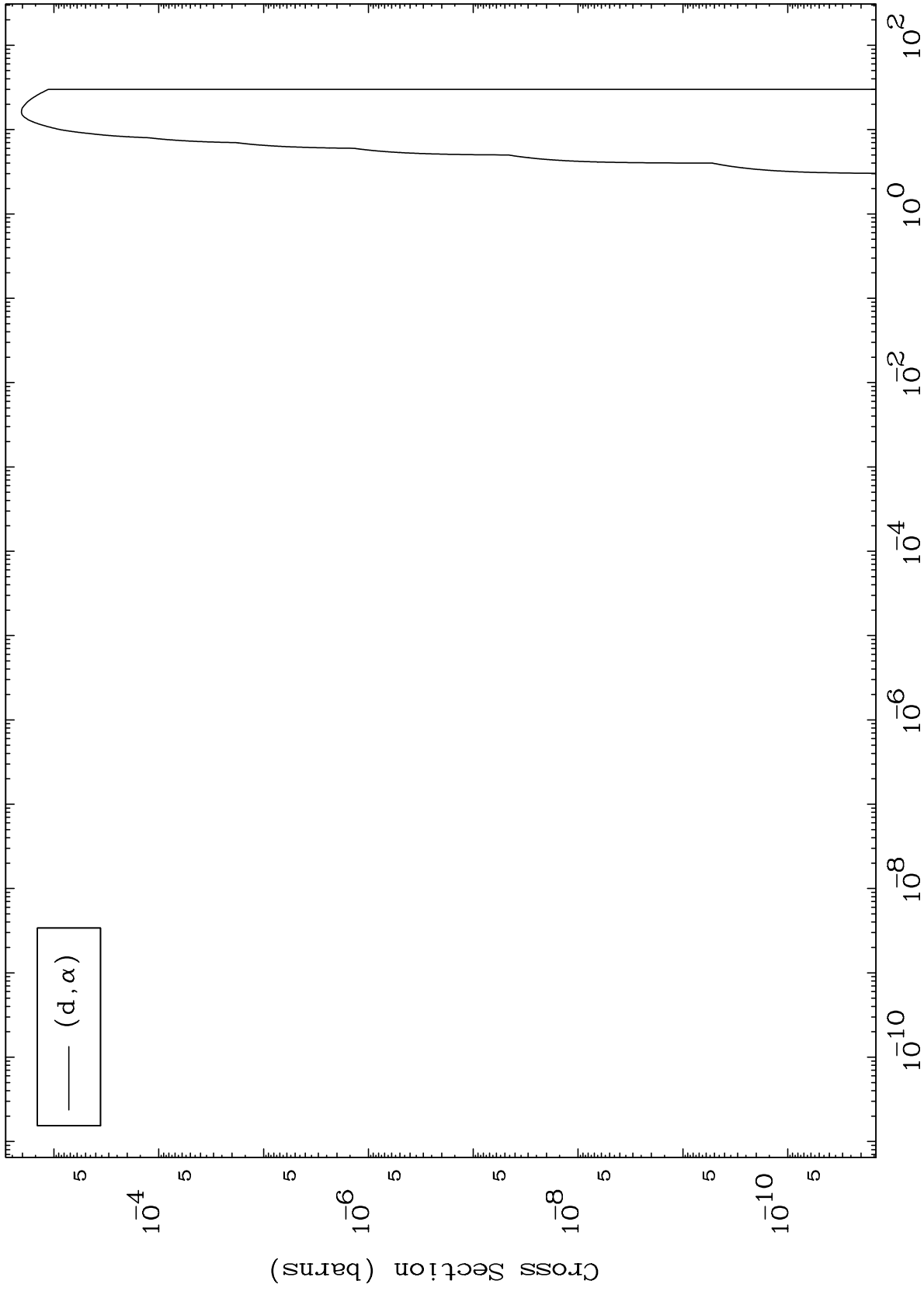
Incident Energy (MeV)

71-Lu-178

MAT 7134

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

71-Lu-178



11

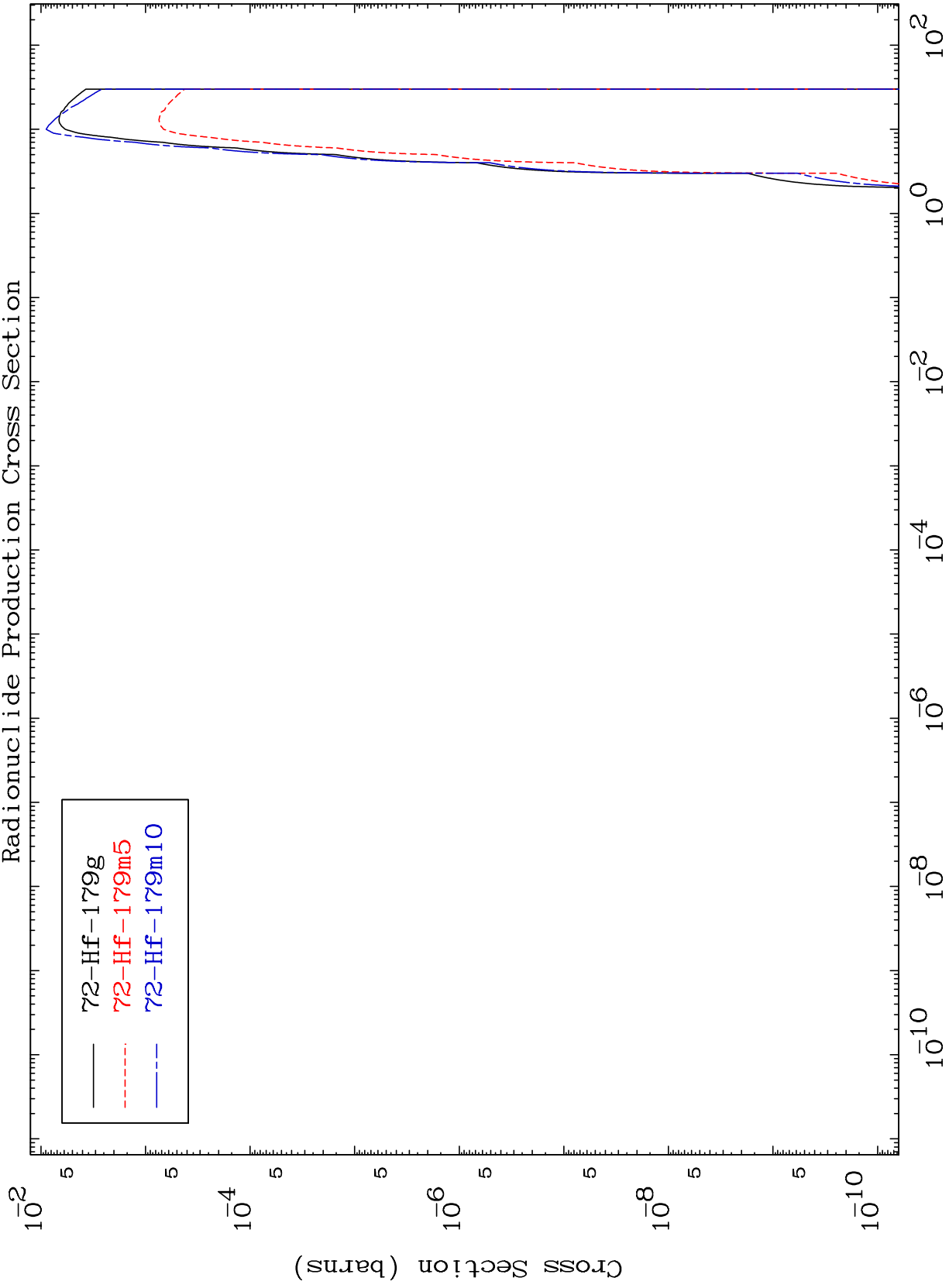
Incident Energy (MeV)

71-Lu-178

MAT 7134

Deuteron Inelastic  
Radionuclide Production Cross Section

71-Lu-178



12

Incident Energy (MeV)

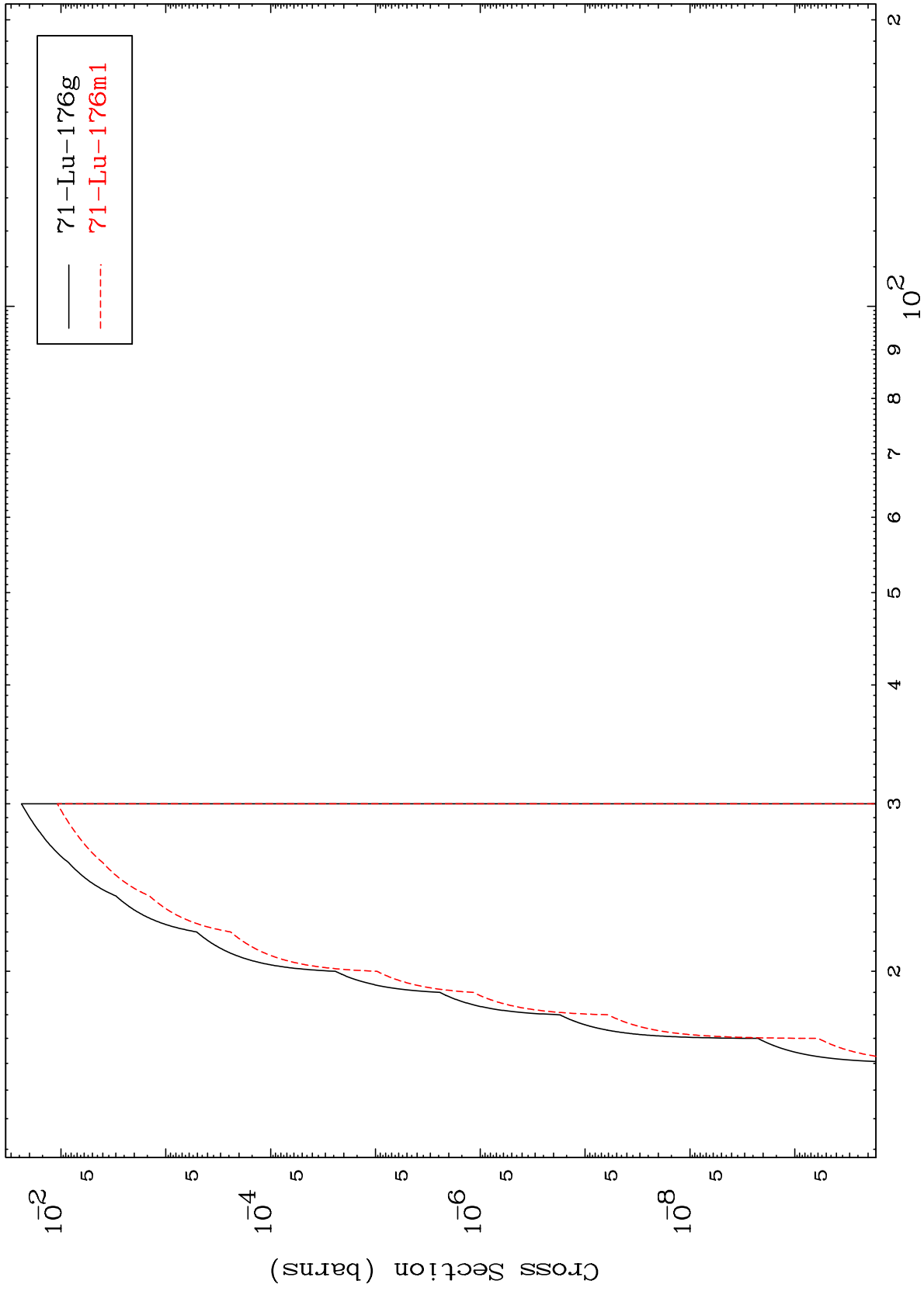
71-Lu-178

MAT 7134

(d,2n) d

<sup>71</sup>Lu-178

Radionuclide Production Cross Section



13

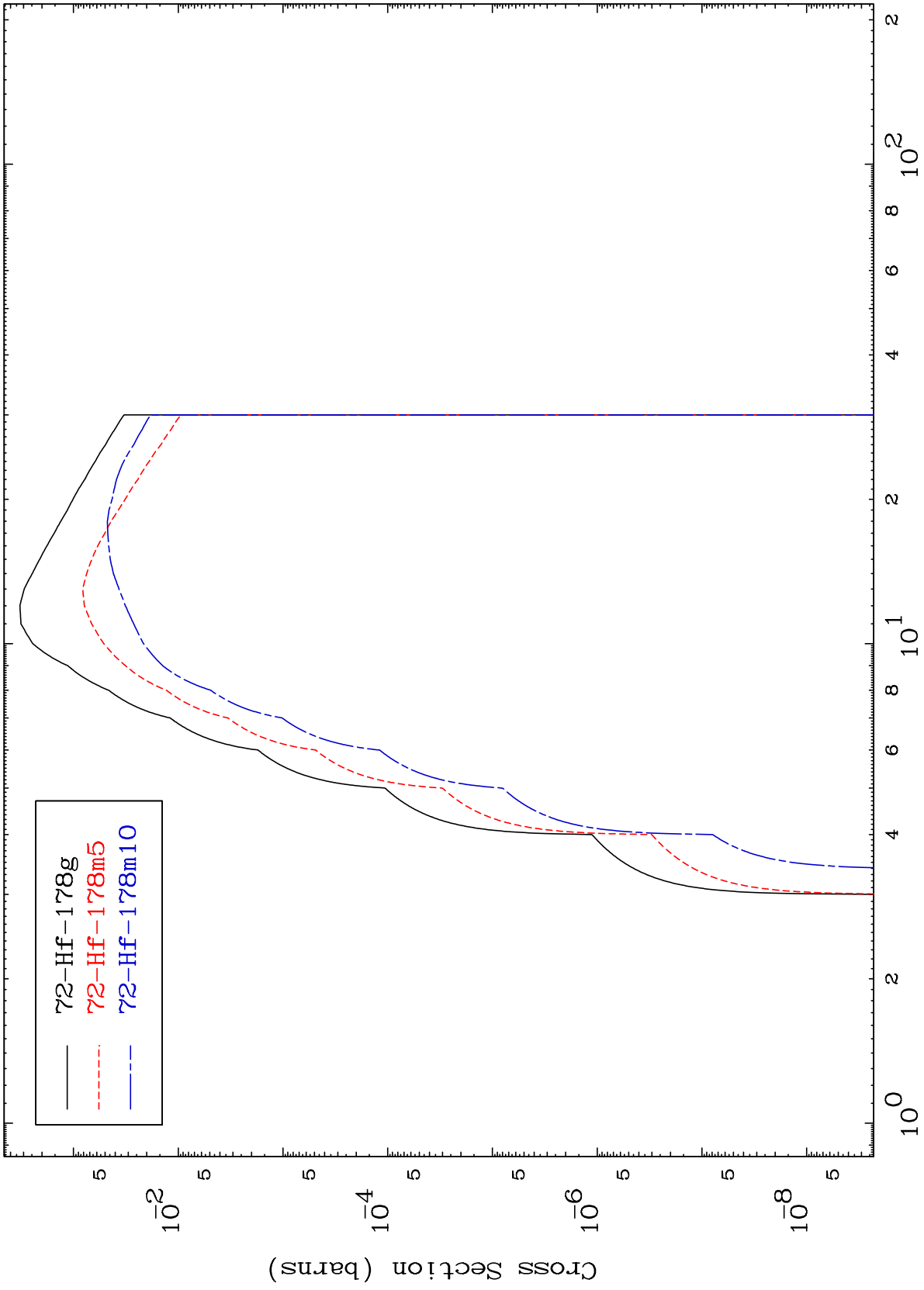
Incident Energy (MeV)

<sup>71</sup>Lu-178

MAT 7134

71-Lu-178

Radionuclide Production Cross Section  
(d,2n)



14

Incident Energy (MeV)

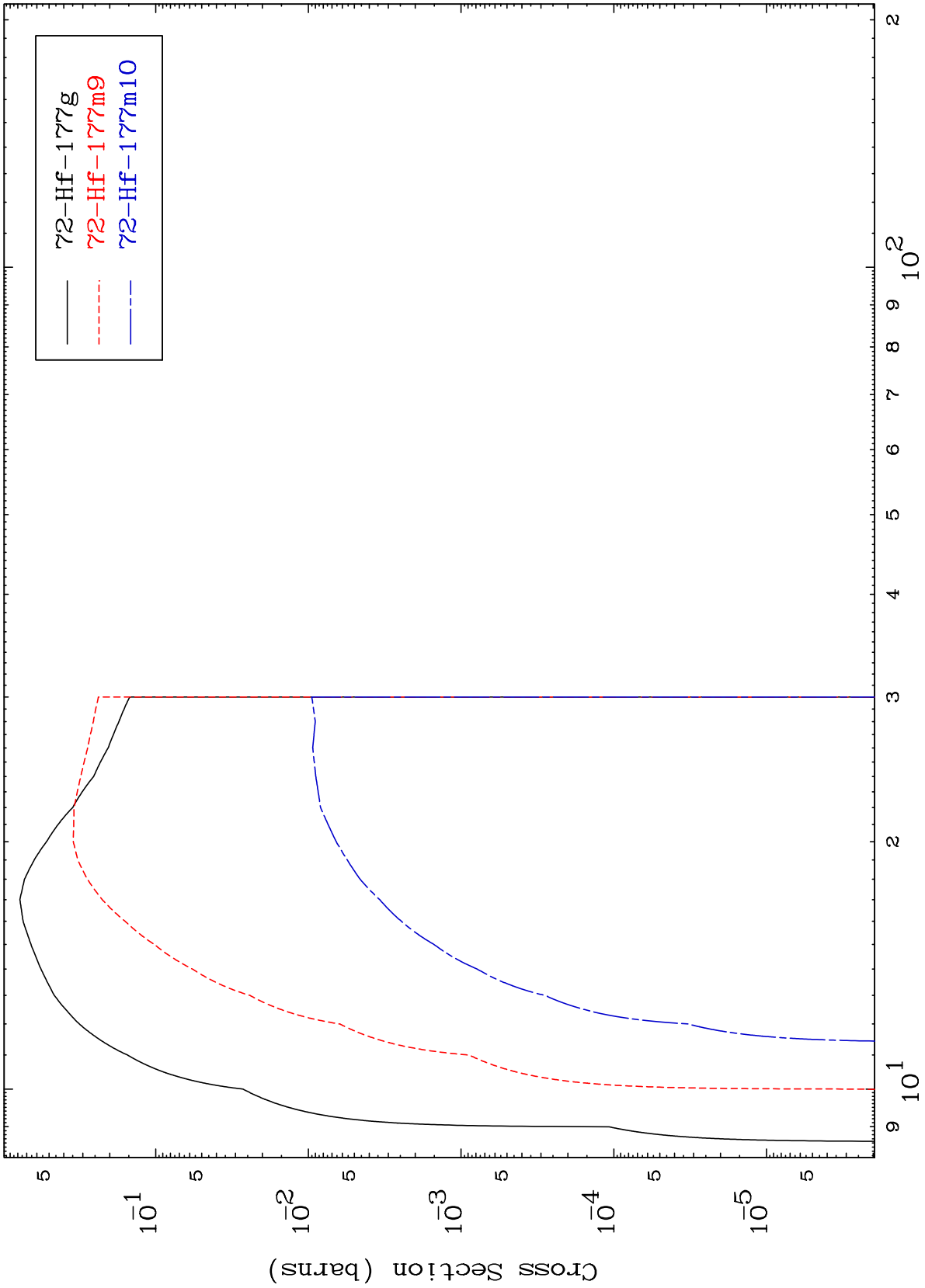
71-Lu-178

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(d,3n)

71-Lu-178

Radionuclide Production Cross Section



15

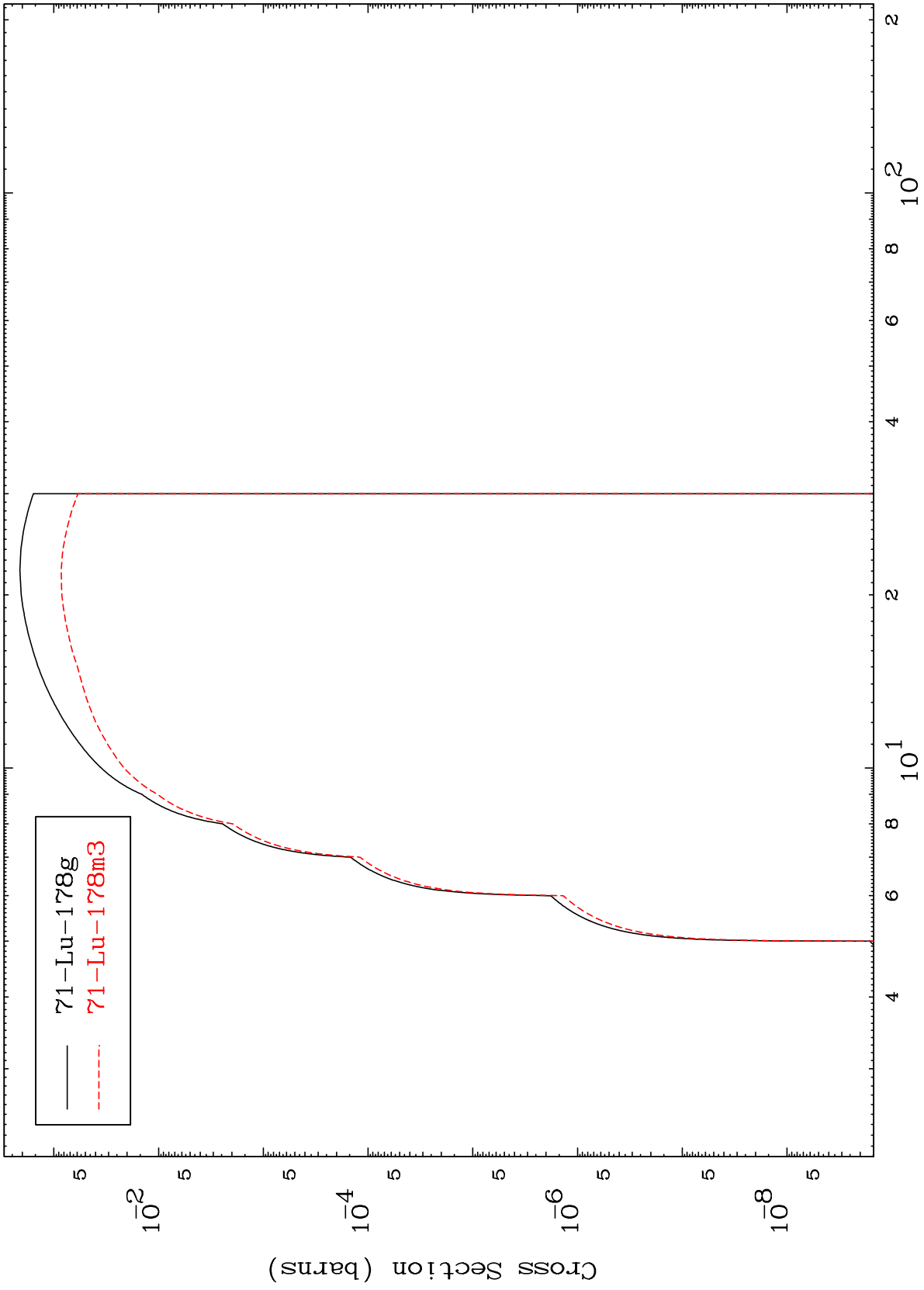
Incident Energy (MeV)

71-Lu-178

MAT 7134

<sup>71</sup>Lu-178

(d,n') p  
Radionuclide Production Cross Section



16

Incident Energy (MeV)

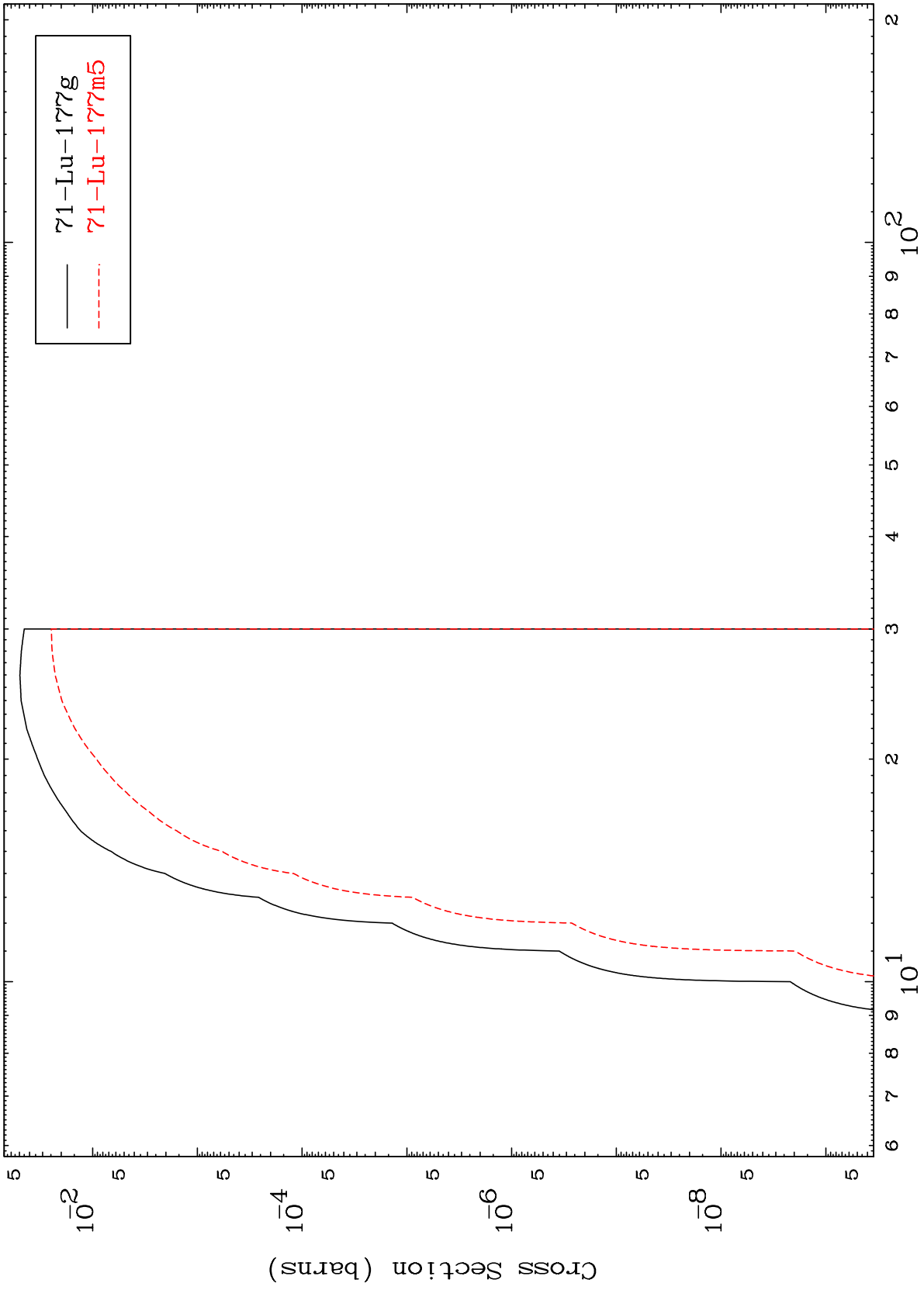
<sup>71</sup>Lu-178

MAT 7134

(d,n') d

71-Lu-178

Radionuclide Production Cross Section



17

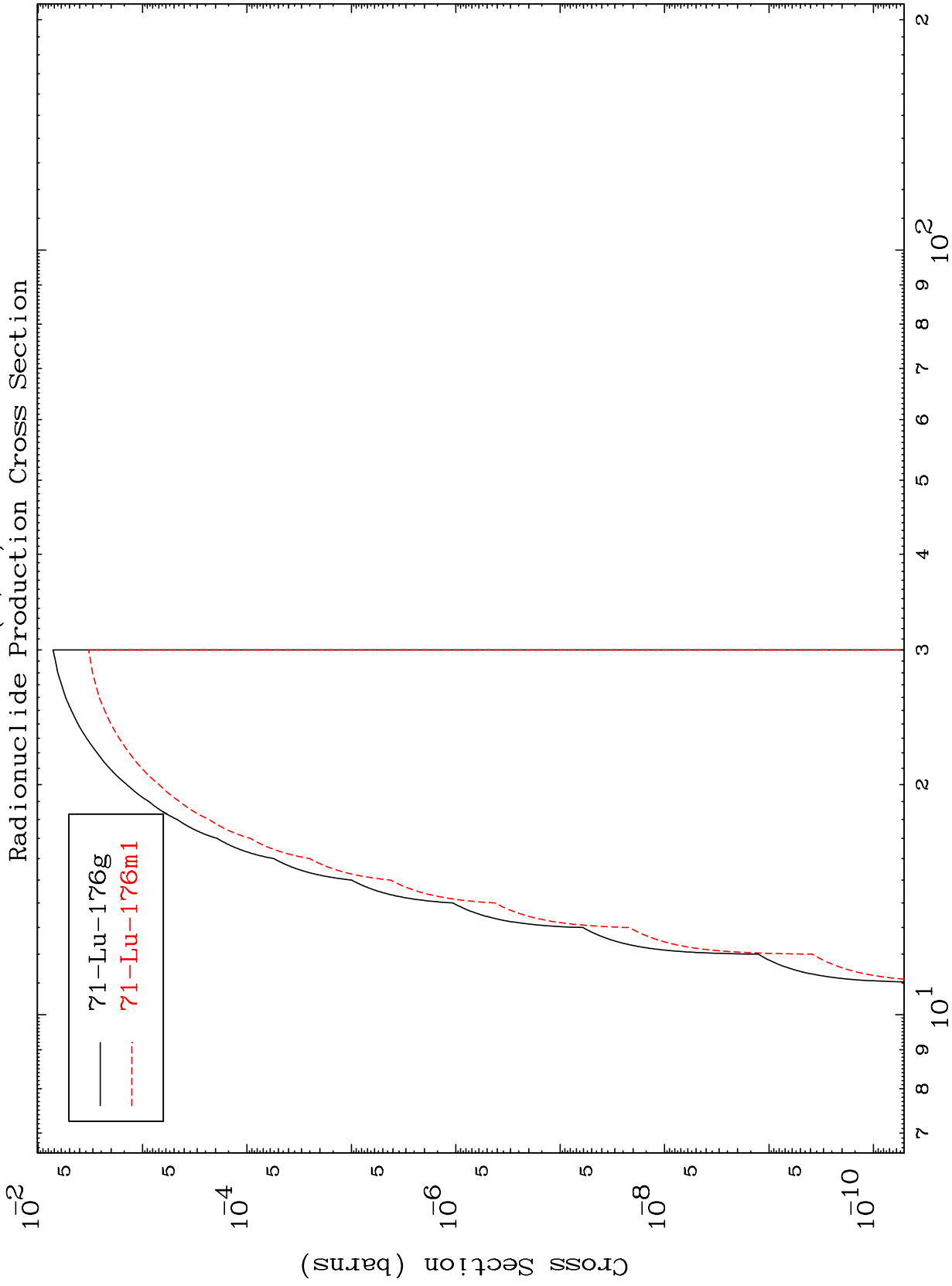
Incident Energy (MeV)

71-Lu-178

MAT 7134

(d,n') t

<sup>71</sup>Lu-178



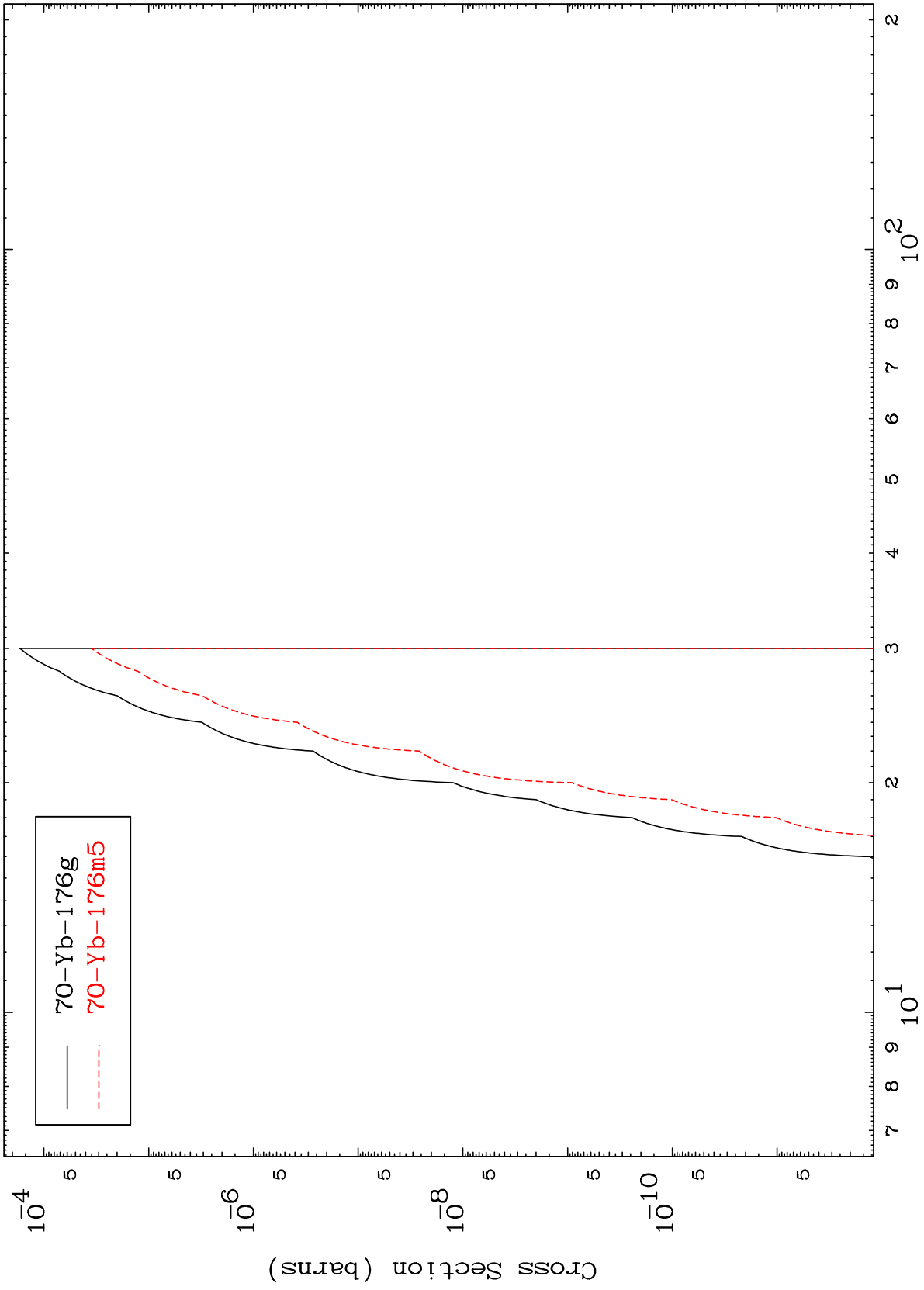
18

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(d,n') He-3

71-Lu-178

Radionuclide Production Cross Section



19

Incident Energy (MeV)

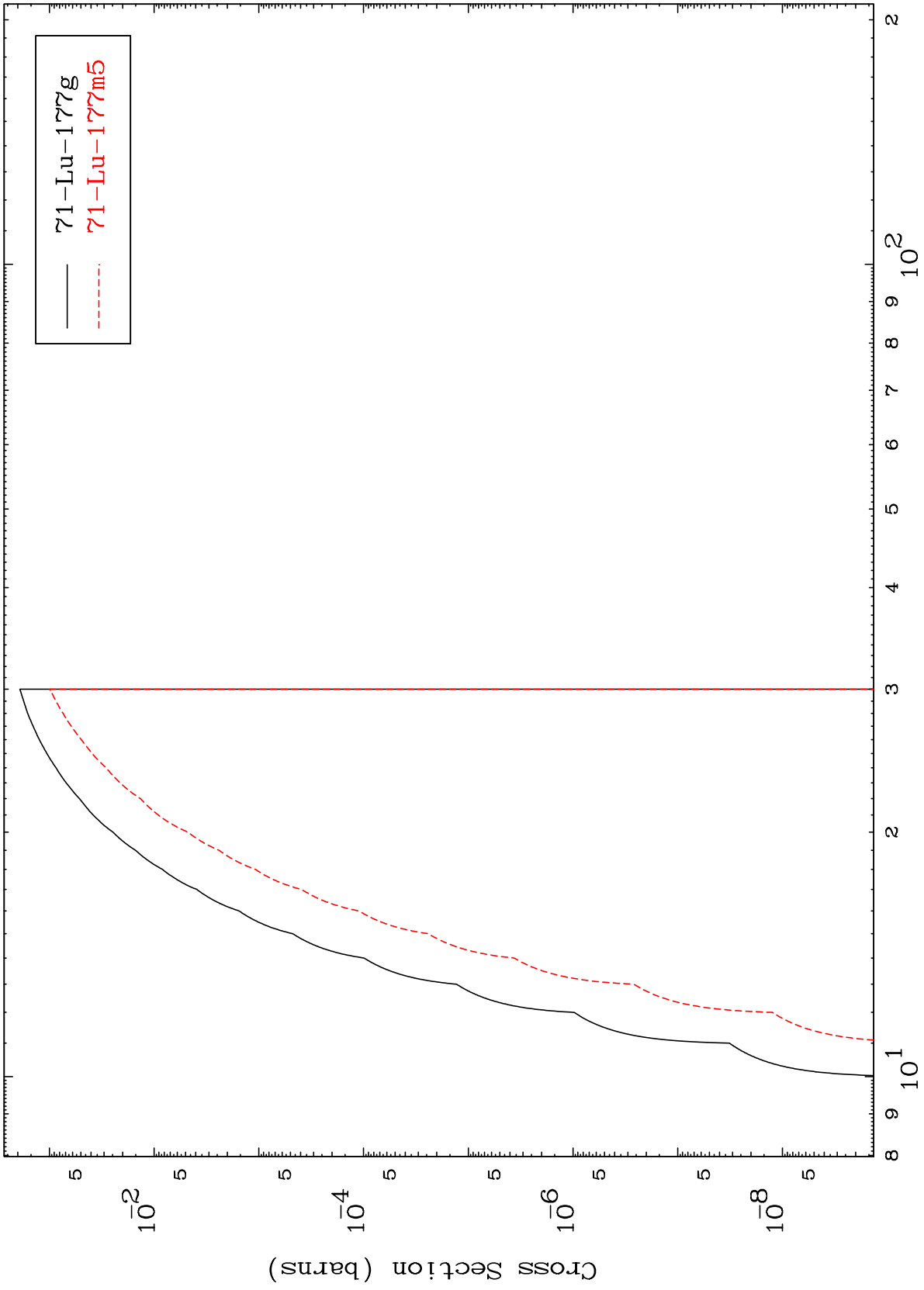
71-Lu-178

MAT 7134

(d,2n) p

<sup>71</sup>Lu-178

Radionuclide Production Cross Section



20

Incident Energy (MeV)

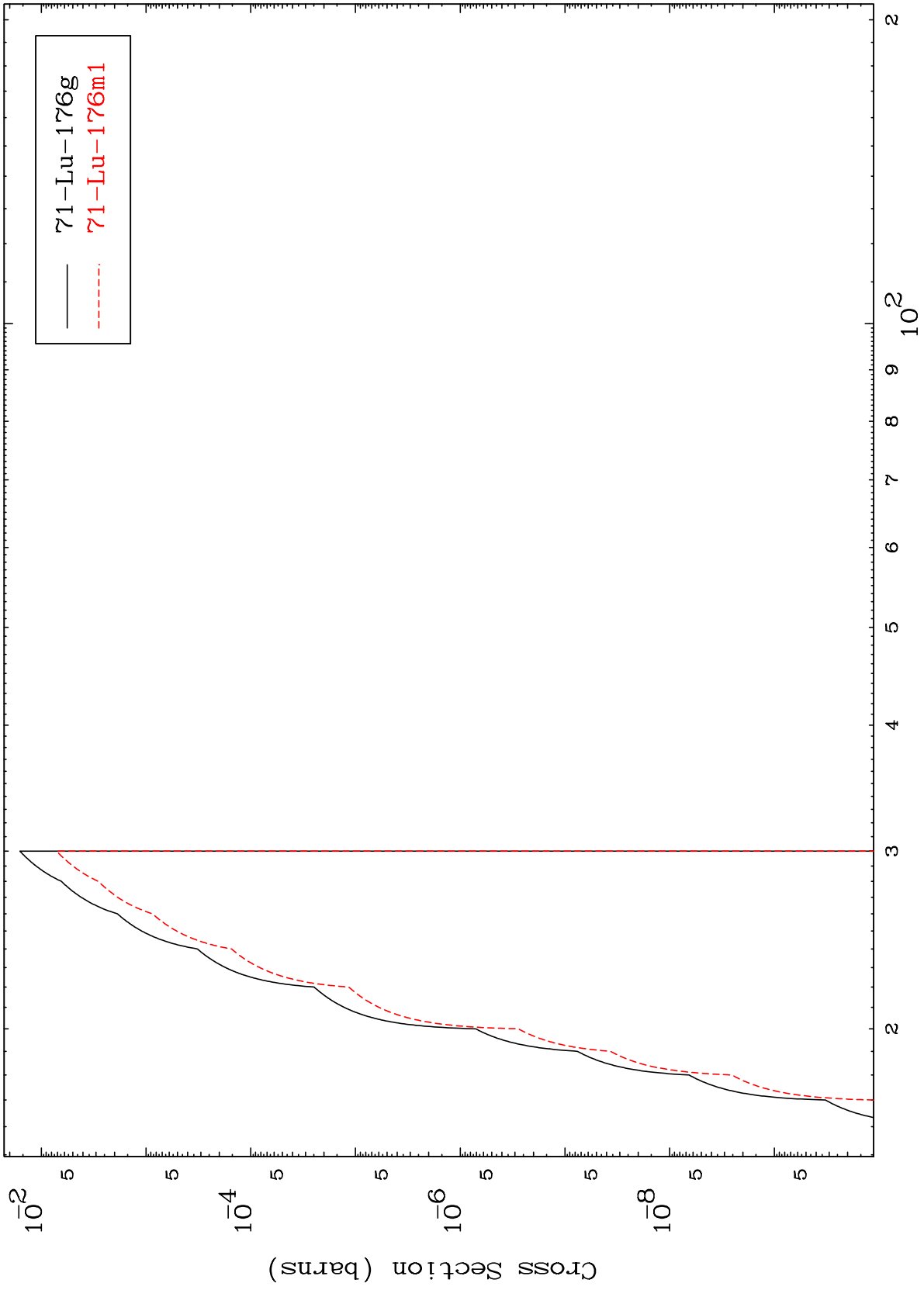
<sup>71</sup>Lu-178

MAT 7134

(d,3n) p

<sup>71</sup>Lu-178

Radionuclide Production Cross Section



21

Incident Energy (MeV)

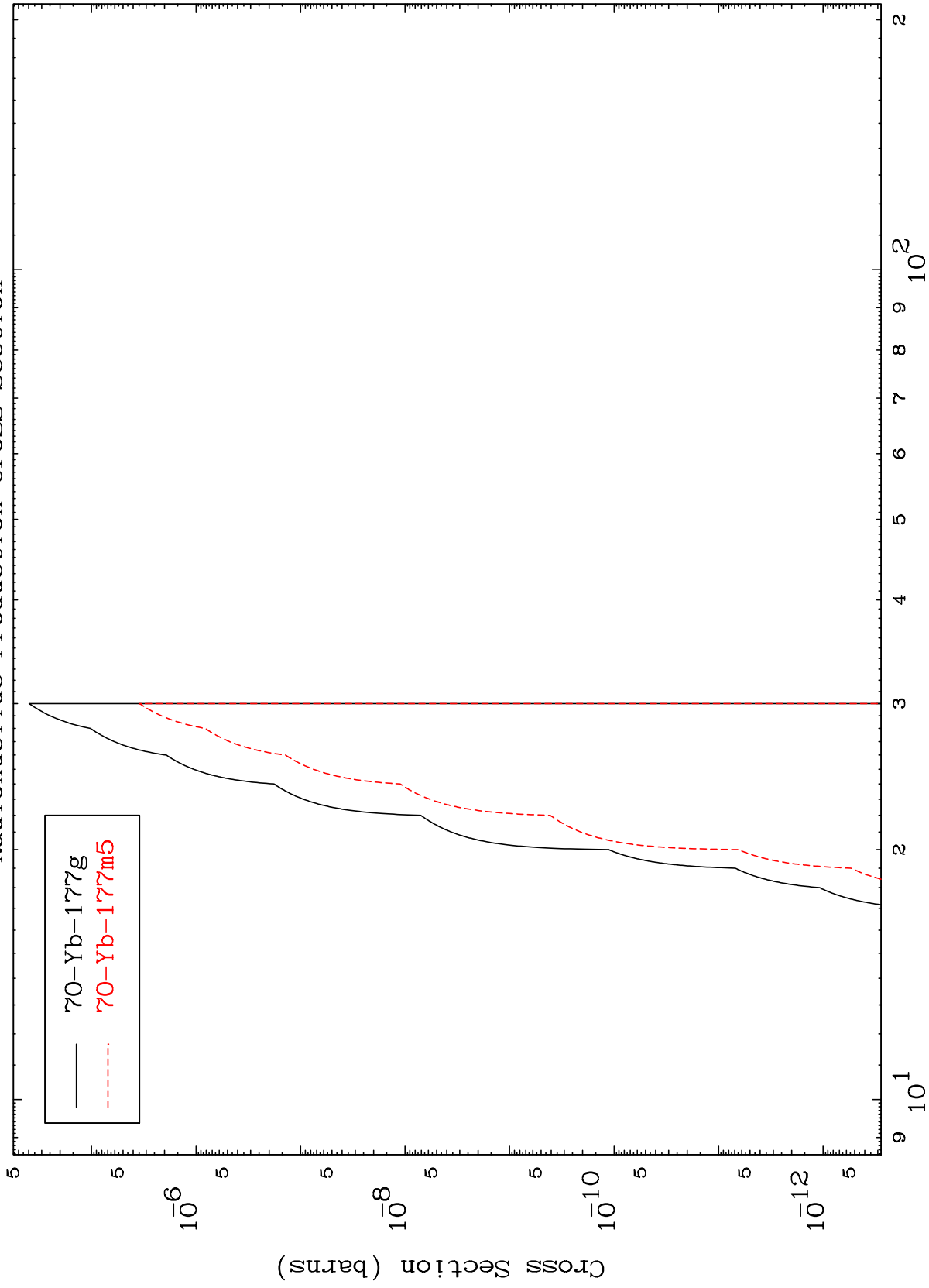
<sup>71</sup>Lu-178

MAT 7134

(d,2n) p

<sup>71</sup>Lu-178

Radionuclide Production Cross Section



22

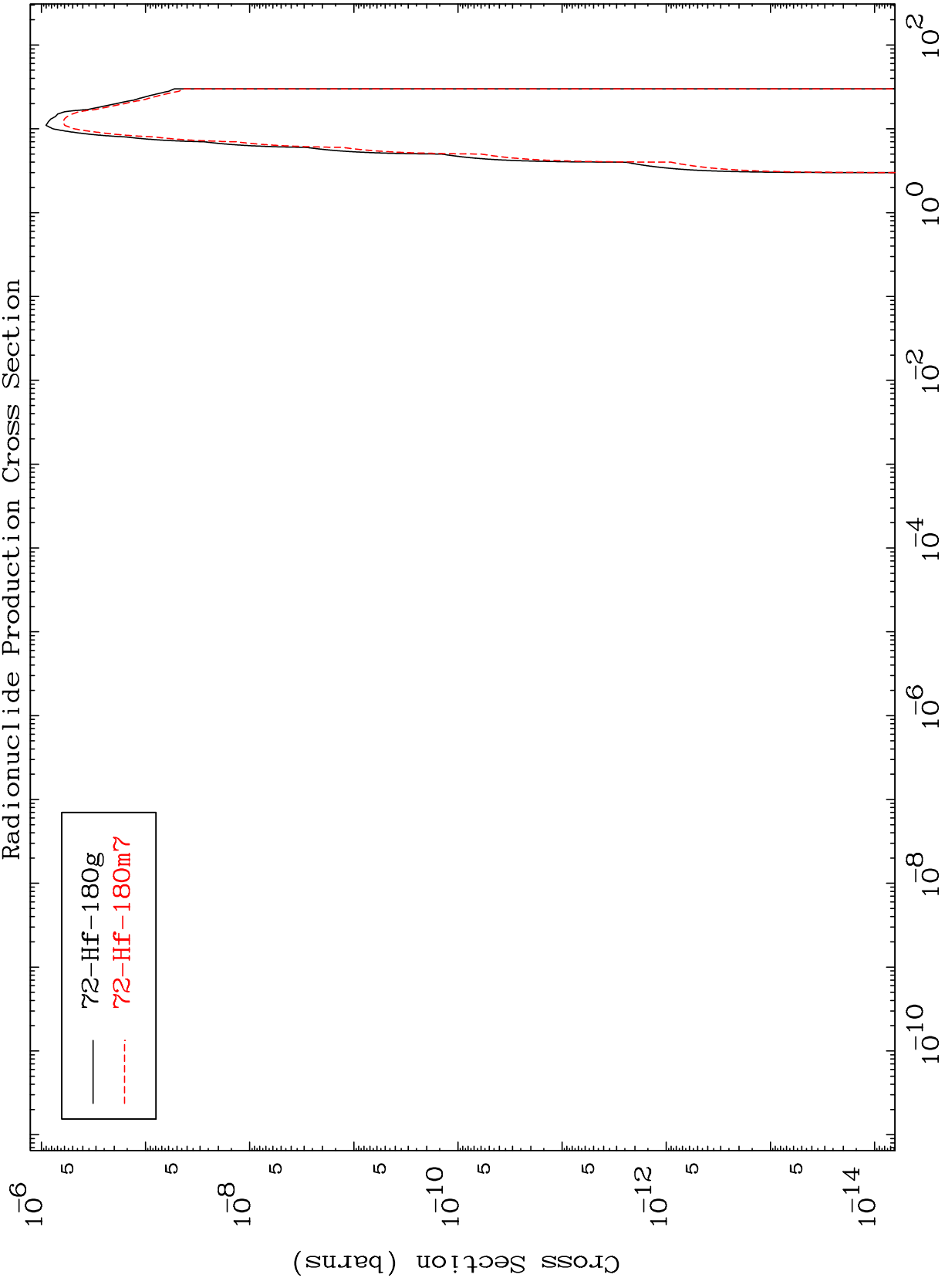
Incident Energy (MeV)

<sup>71</sup>Lu-178

MAT 7134

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

$^{71}\text{Lu-178}$



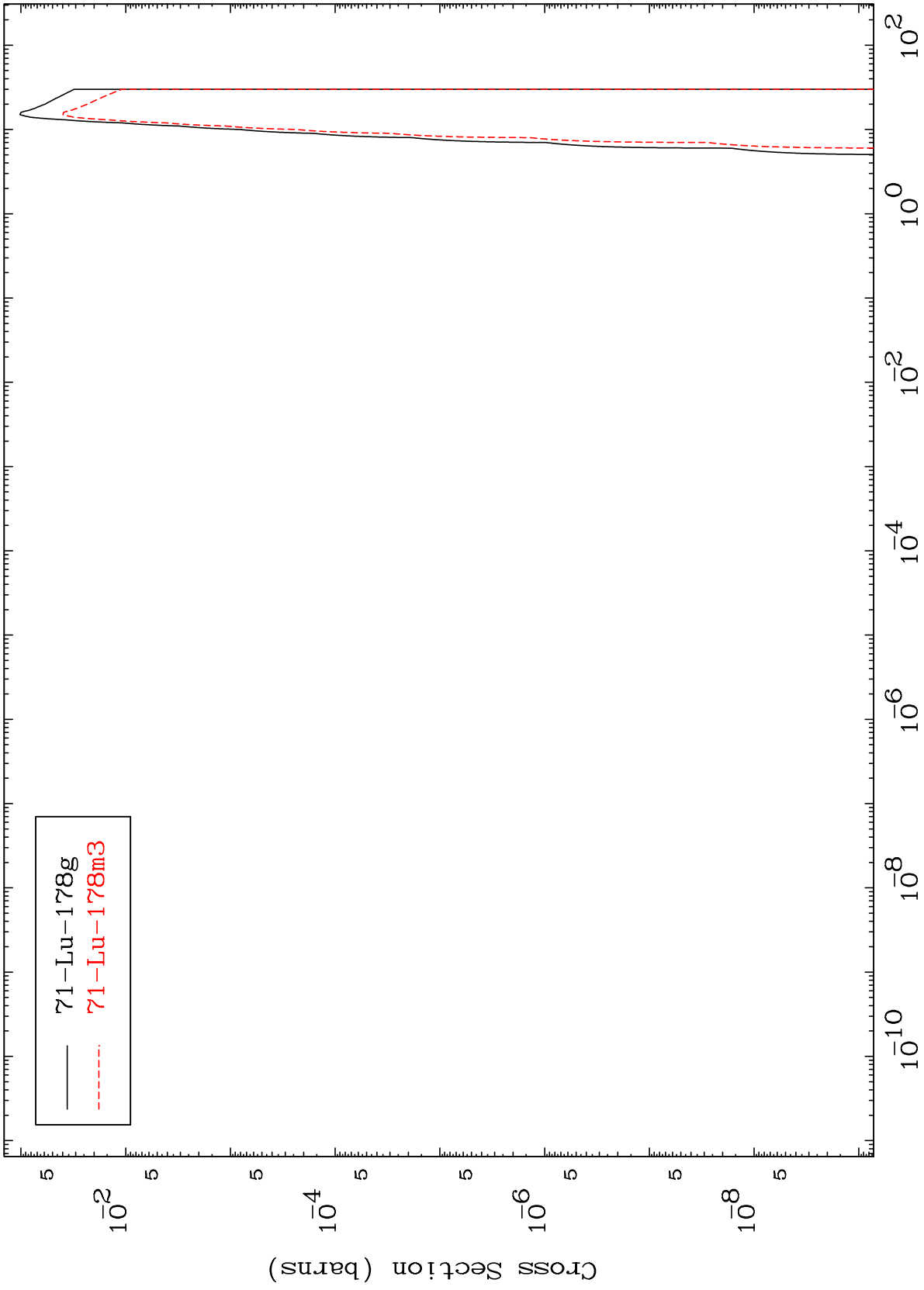
$^{71}\text{Lu-178}$

MAT 7134

(d,d)

Radionuclide Production Cross Section

<sup>71</sup>Lu-178



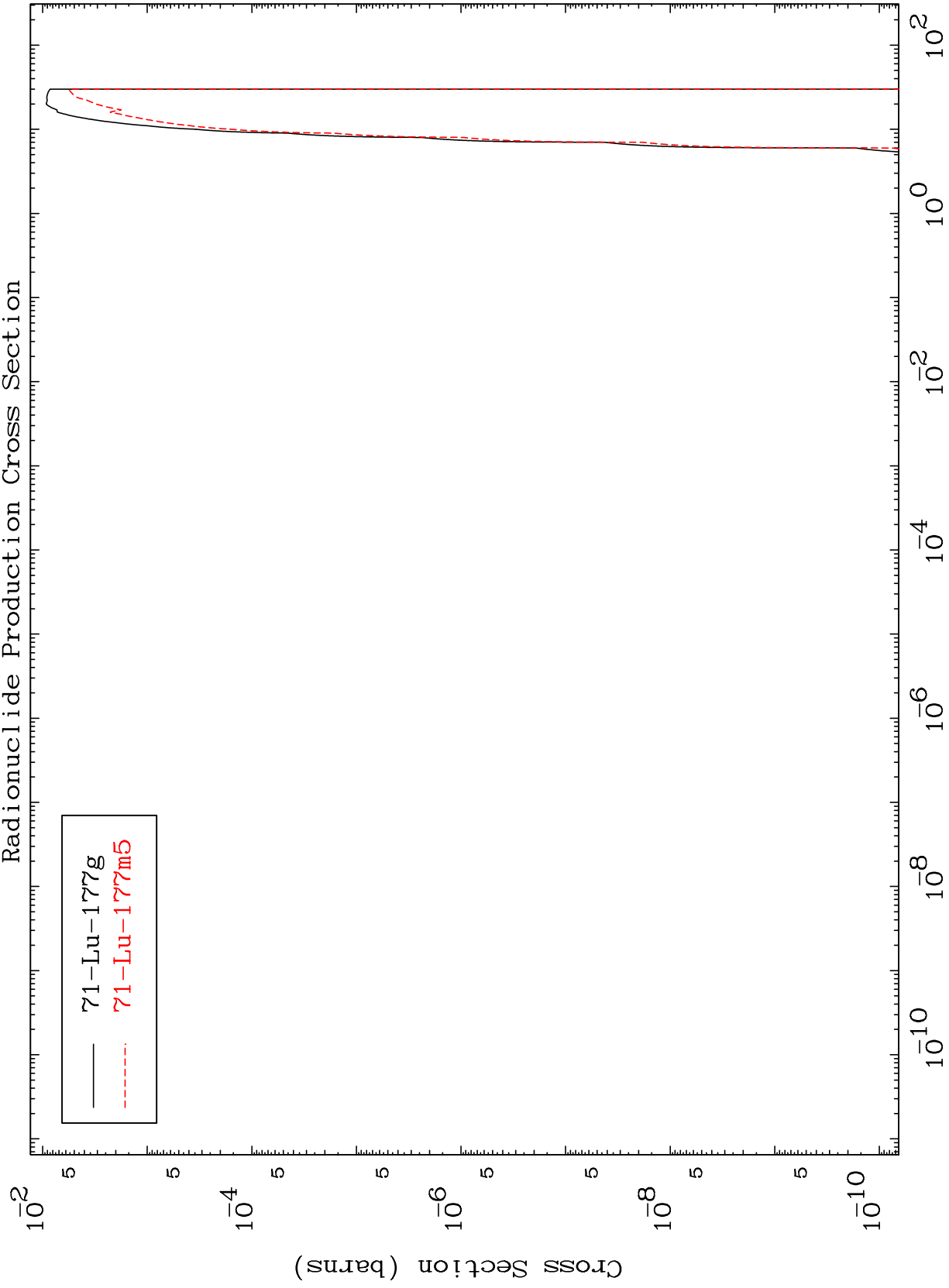
<sup>71</sup>Lu-178

MAT 7134

(d, t)

<sup>71</sup>Lu-178

Radionuclide Production Cross Section



25

Incident Energy (MeV)

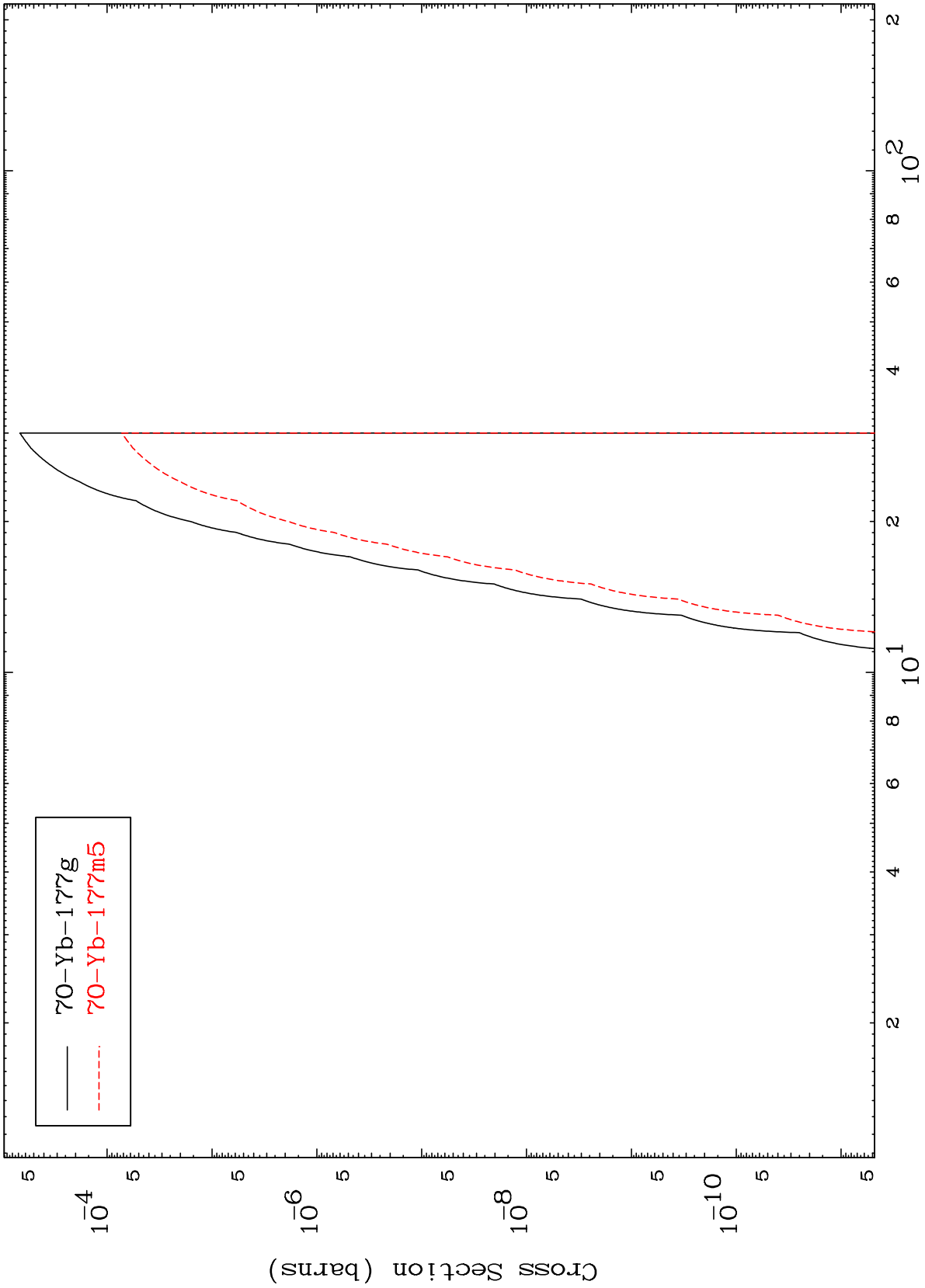
<sup>71</sup>Lu-178

MAT 7134

(d, He-3)

71-Lu-178

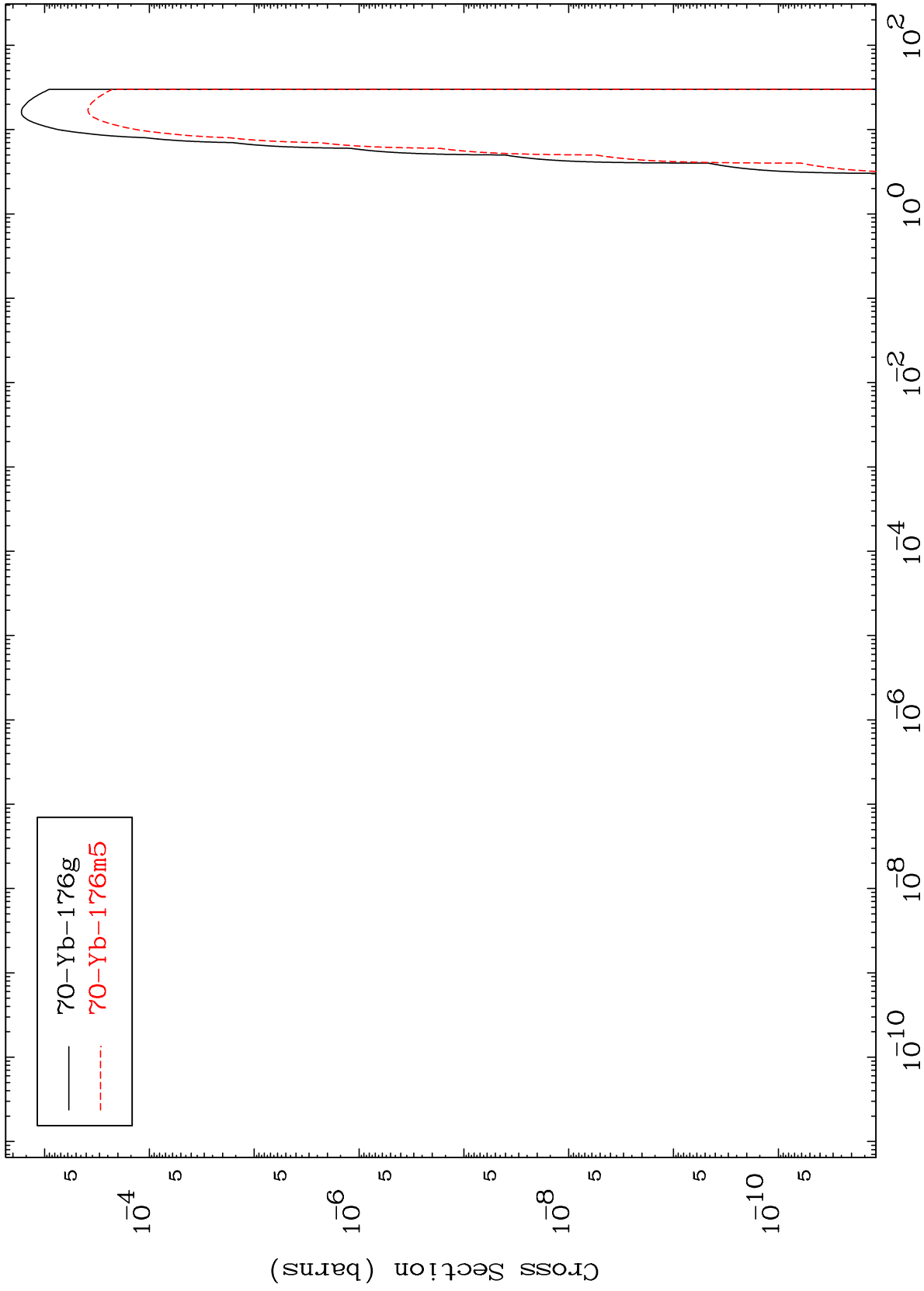
Radionuclide Production Cross Section



MAT 7134

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

<sup>71</sup>Lu-178

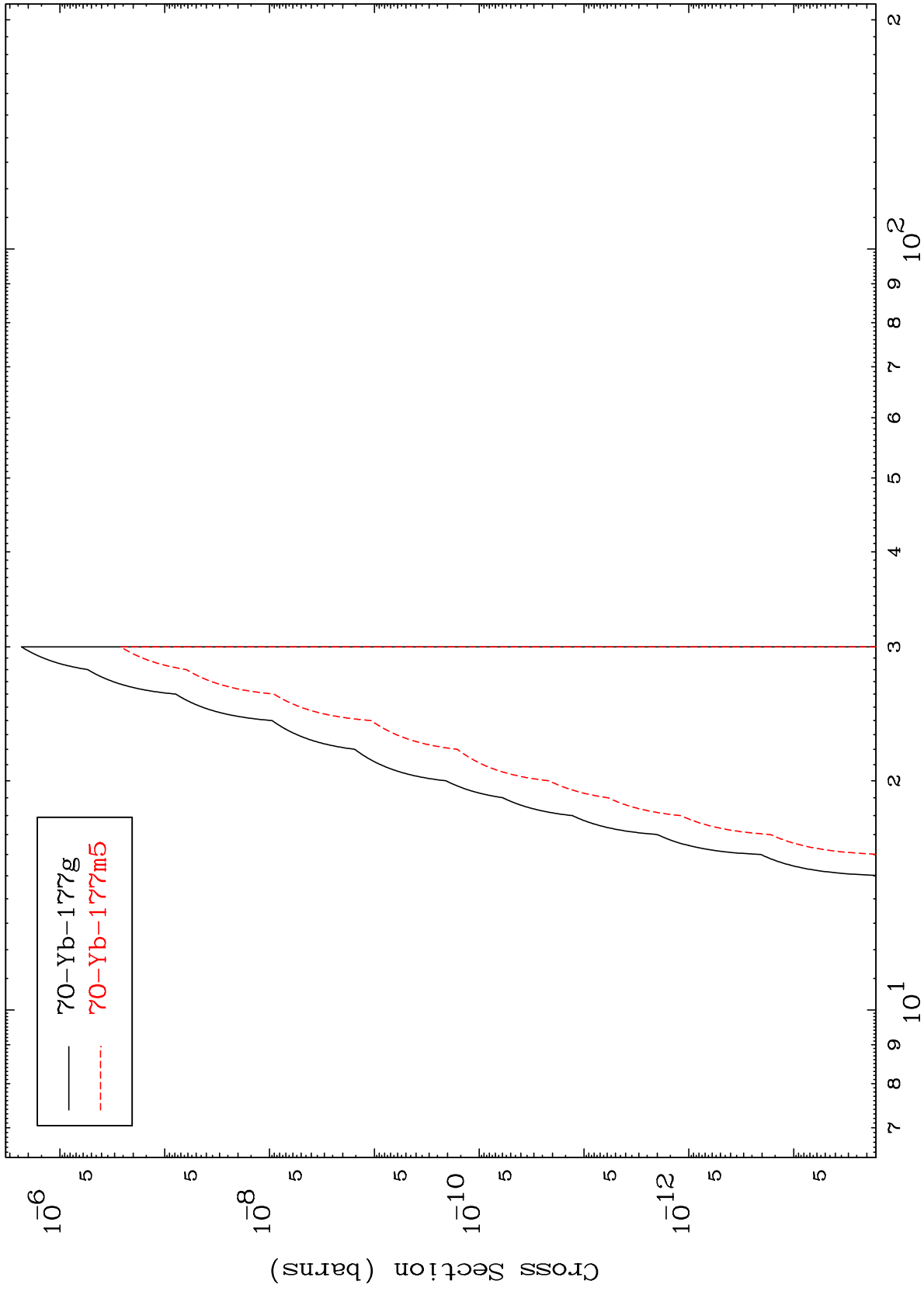


MAT 7134

(d,p) d

71-Lu-178

Radionuclide Production Cross Section



28

Incident Energy (MeV)

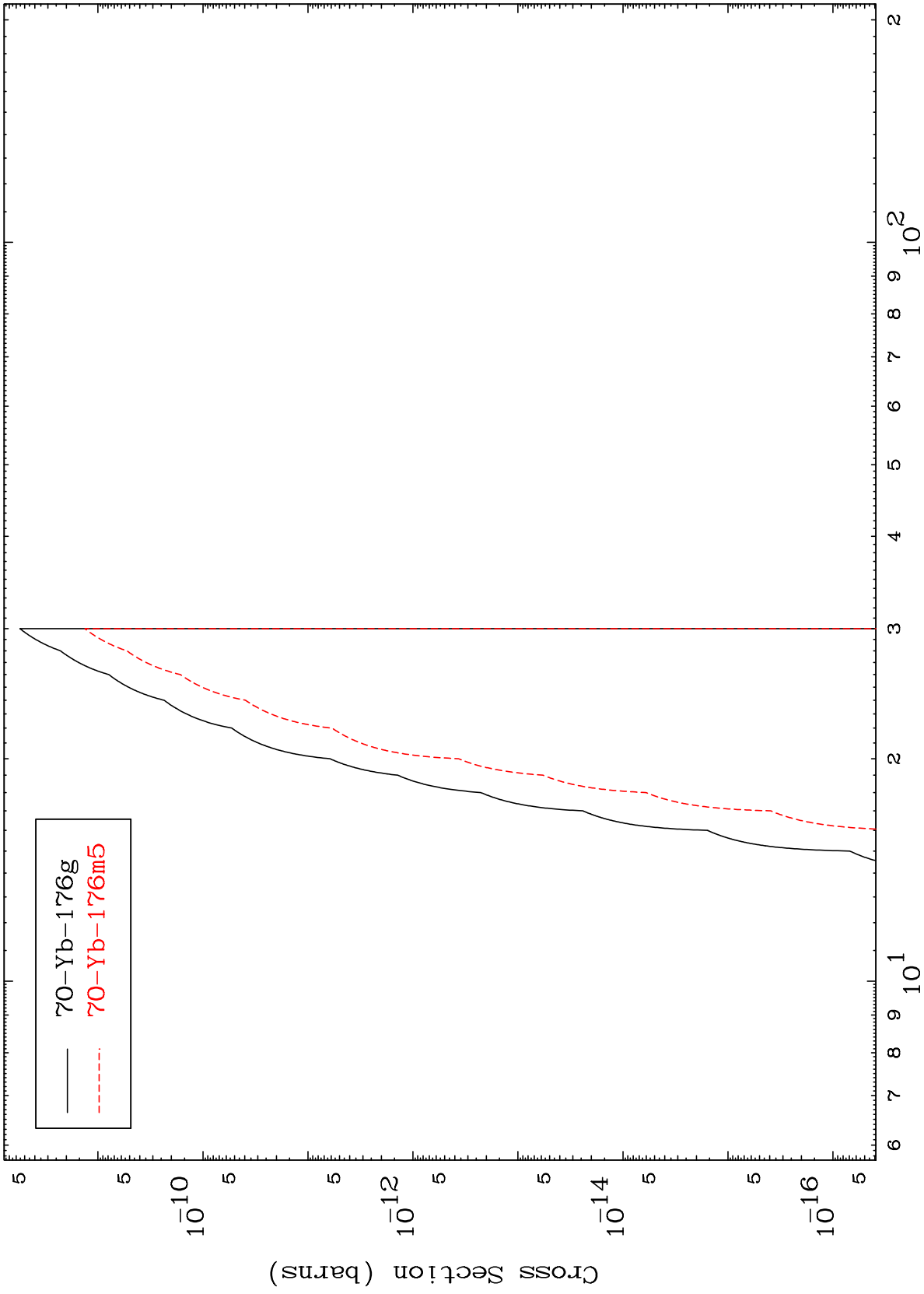
71-Lu-178

MAT 7134

(d,p) t

<sup>71</sup>Lu-178

Radionuclide Production Cross Section



29

Incident Energy (MeV)

<sup>71</sup>Lu-178