

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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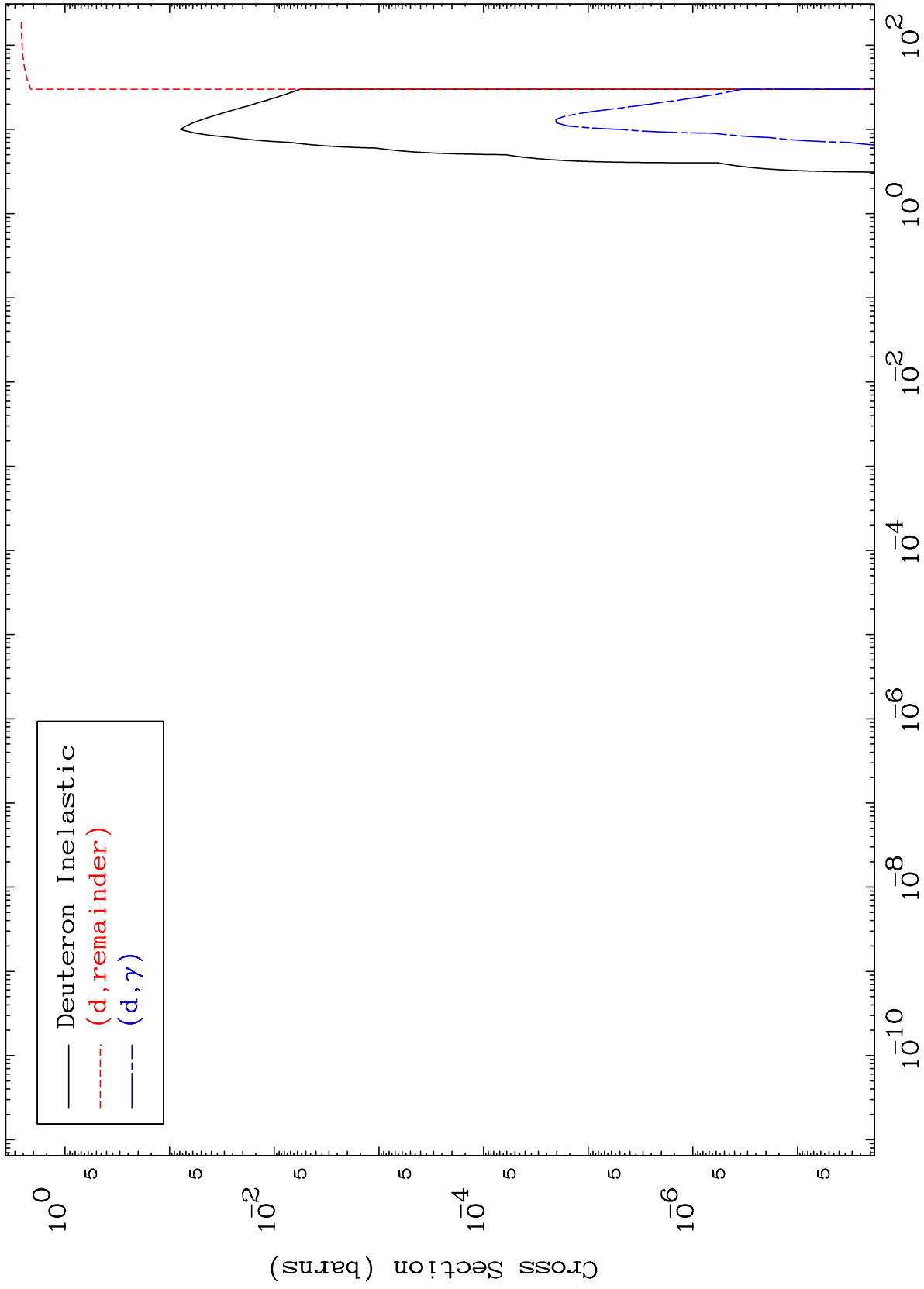
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6980

Deuteron Major  
0 Kelvin Cross Sections

70-Yb-153



1

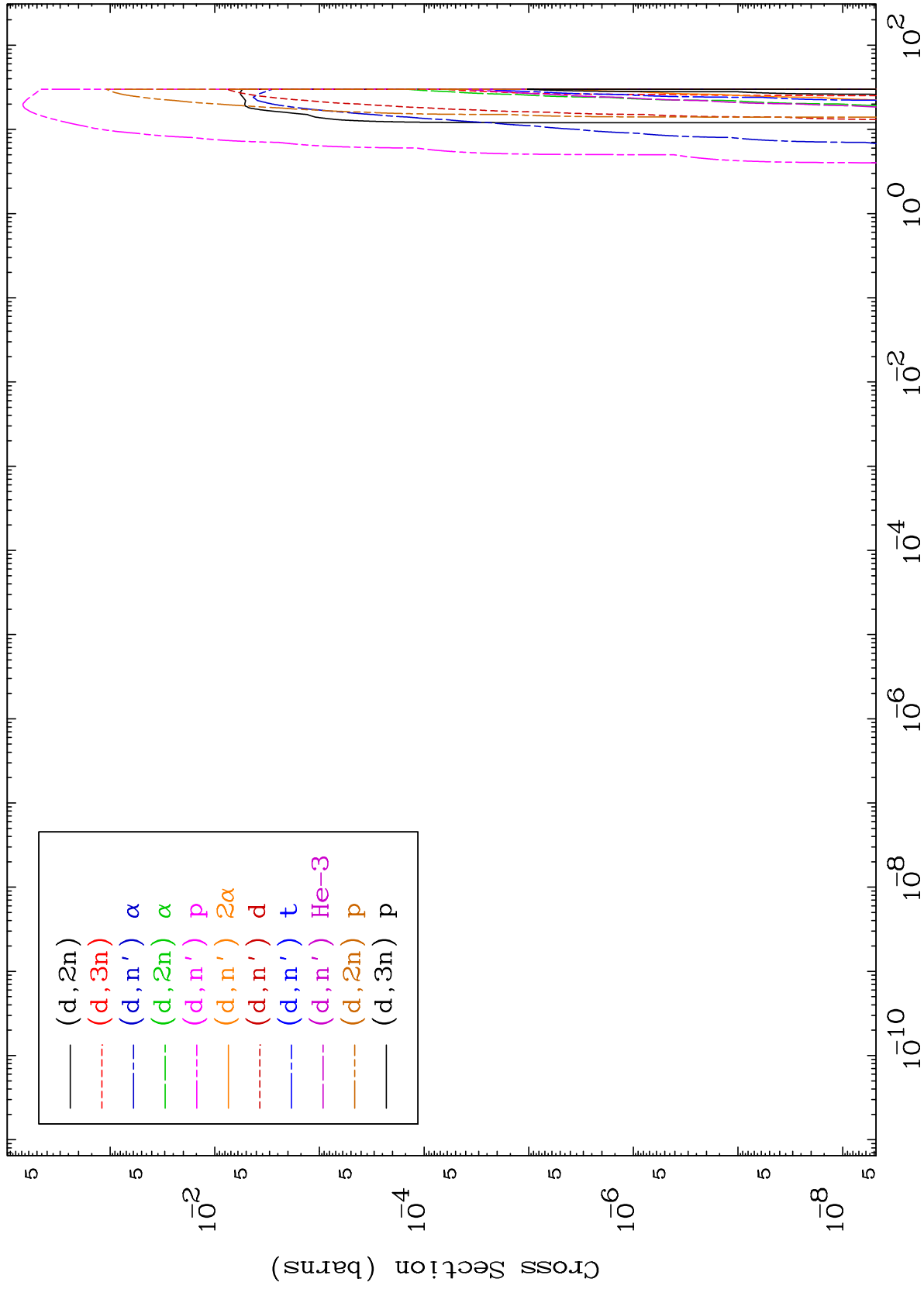
Incident Energy (MeV)

70-Yb-153

MAT 6980

Deuteron Neutron Production  
0 Kelvin Cross Sections

70-Yb-153



2

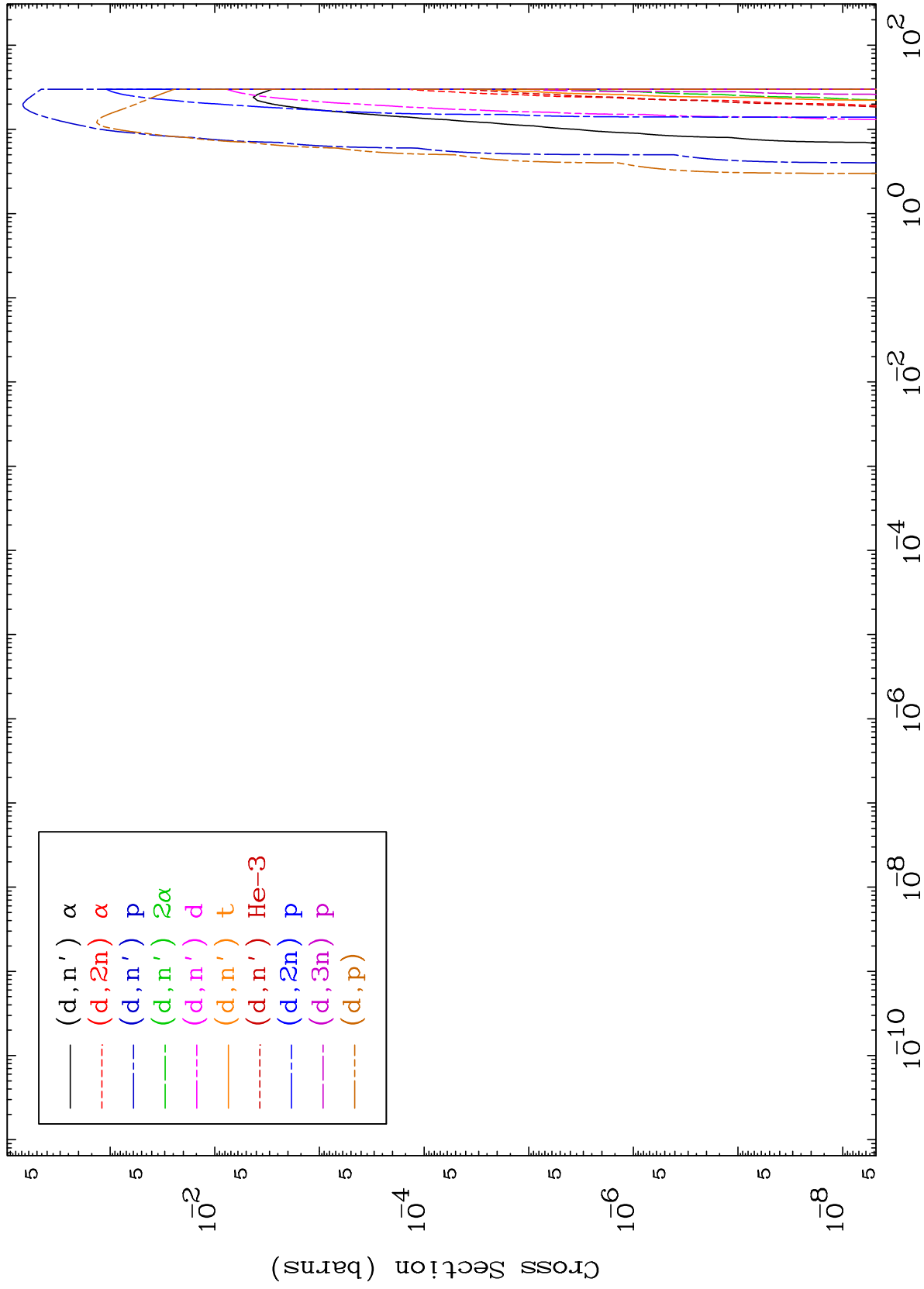
Incident Energy (MeV)

70-Yb-153

MAT 6980

Deuteron Charged Particle  
0 Kelvin Cross Sections

70-Yb-153



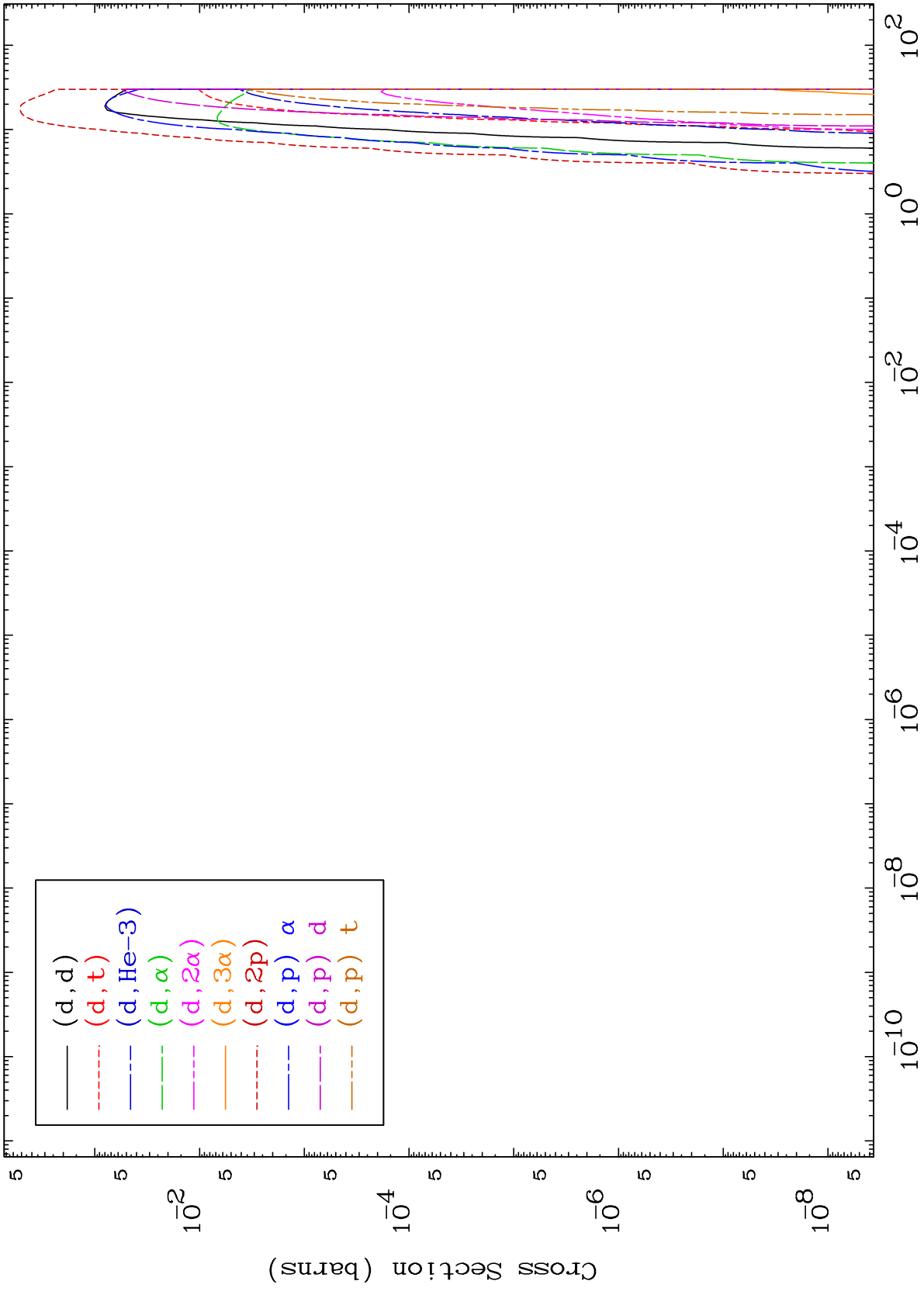
3

70-Yb-153

MAT 6980

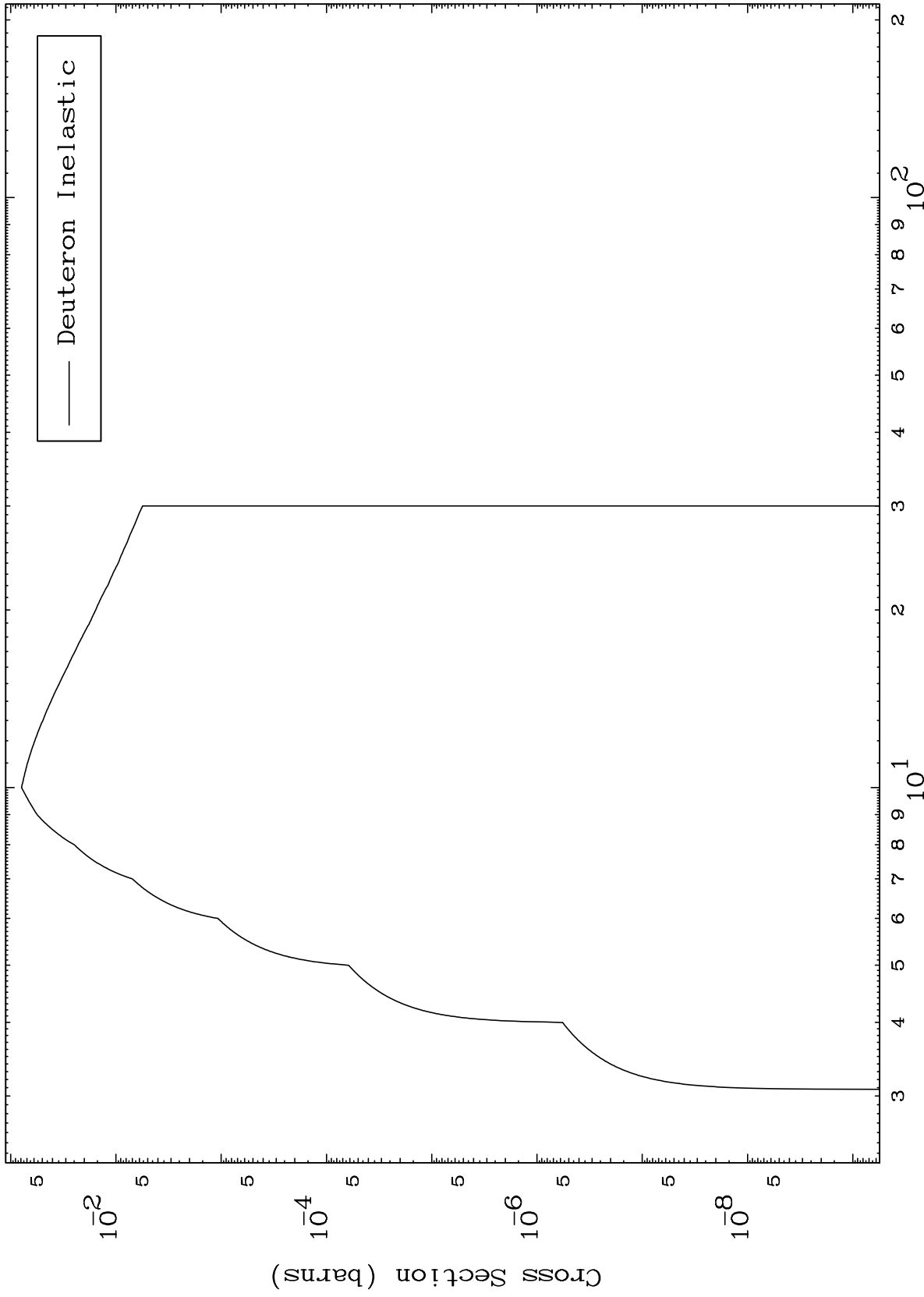
Deuteron Charged Particle  
0 Kelvin Cross Sections

70-Yb-153



70-Yb-153

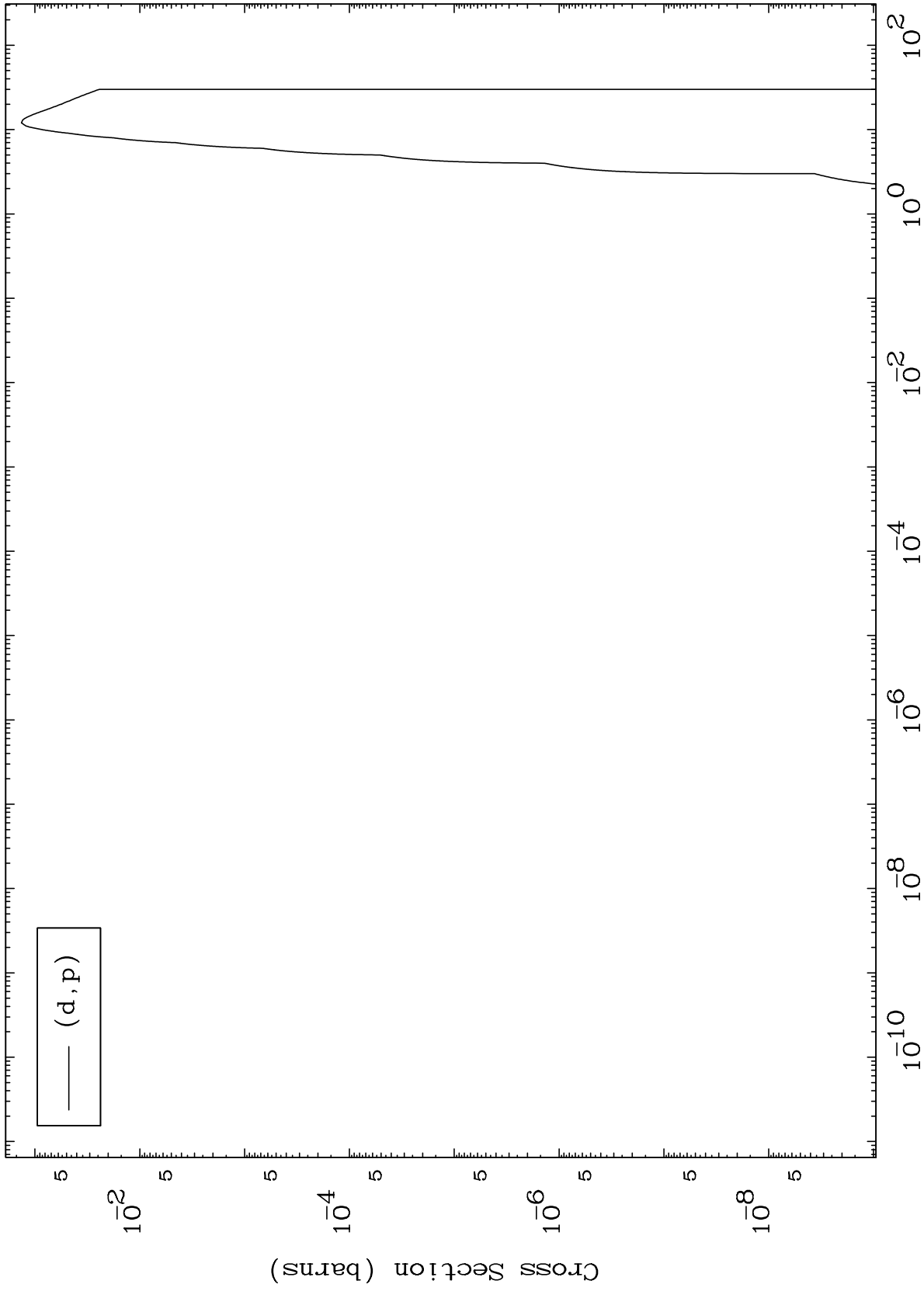
Incident Energy (MeV)



MAT 6980

(d,p) Levels  
0 Kelvin Cross Sections

70-Yb-153



6

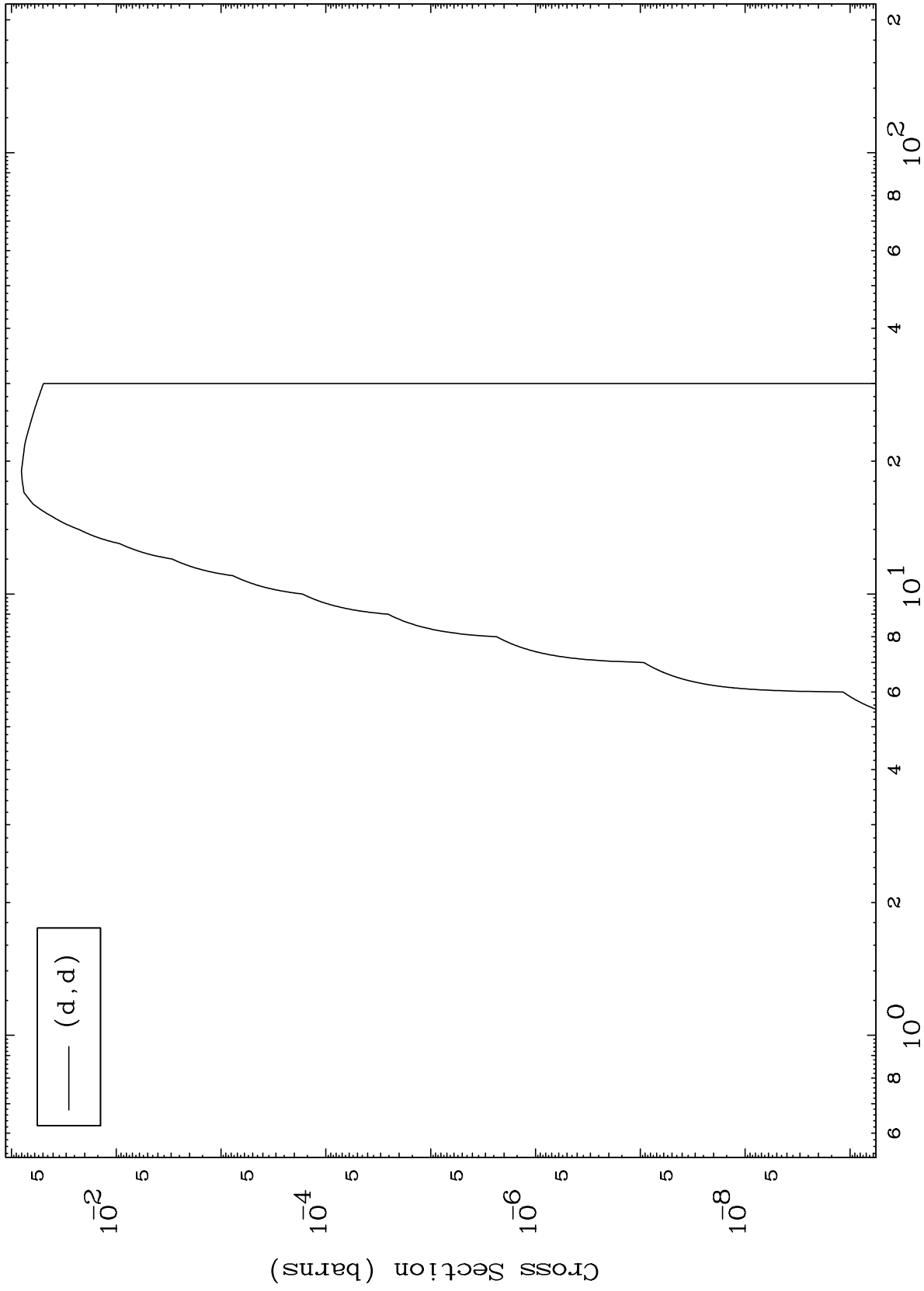
Incident Energy (MeV)

70-Yb-153

MAT 6980

(d,d) Levels  
0 Kelvin Cross Sections

70-Yb-153



7

Incident Energy (MeV)

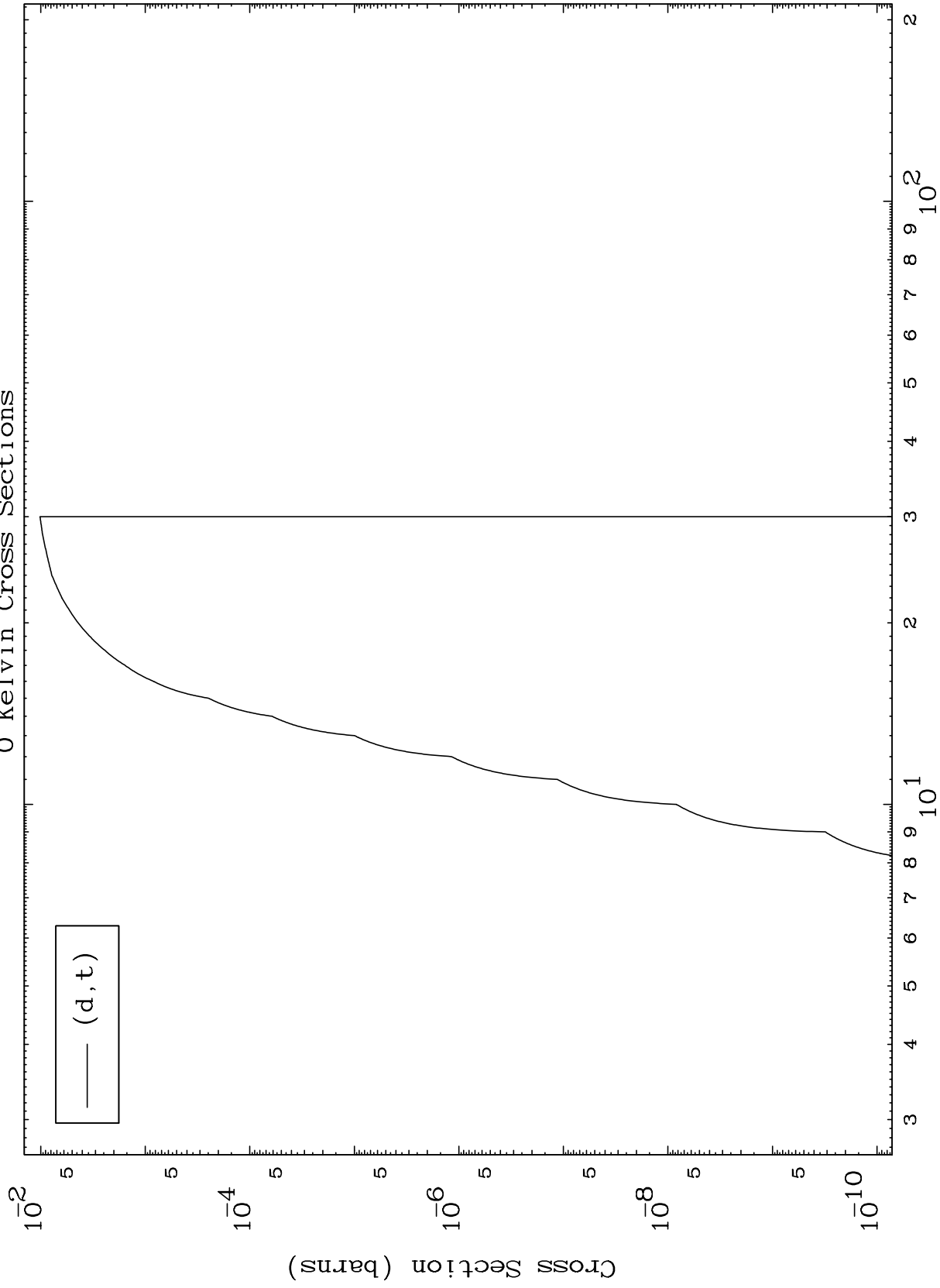
70-Yb-153



MAT 6980

(d,t) Levels  
0 Kelvin Cross Sections

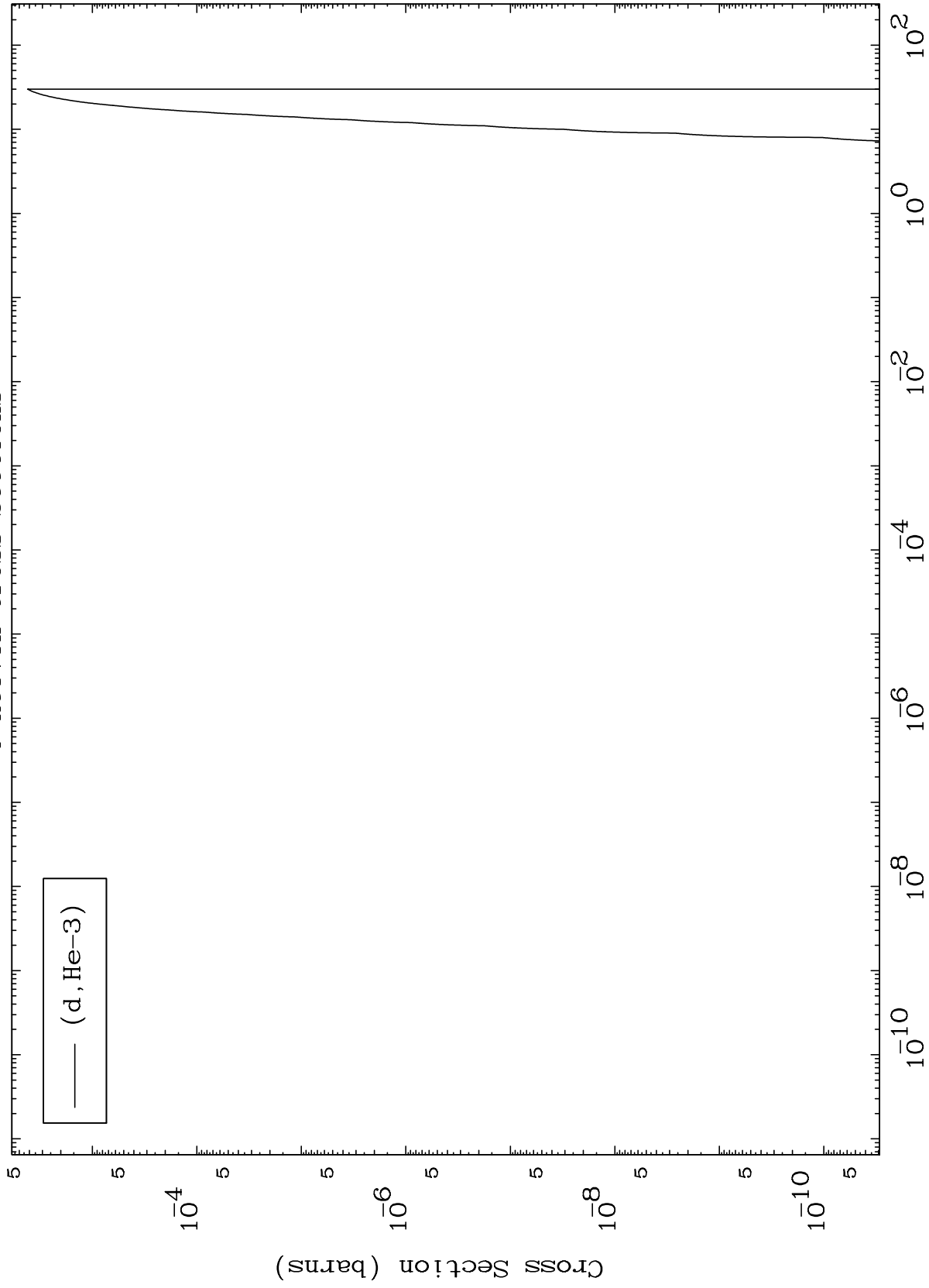
70-Yb-153



MAT 6980

(d,He3) Levels  
0 Kelvin Cross Sections

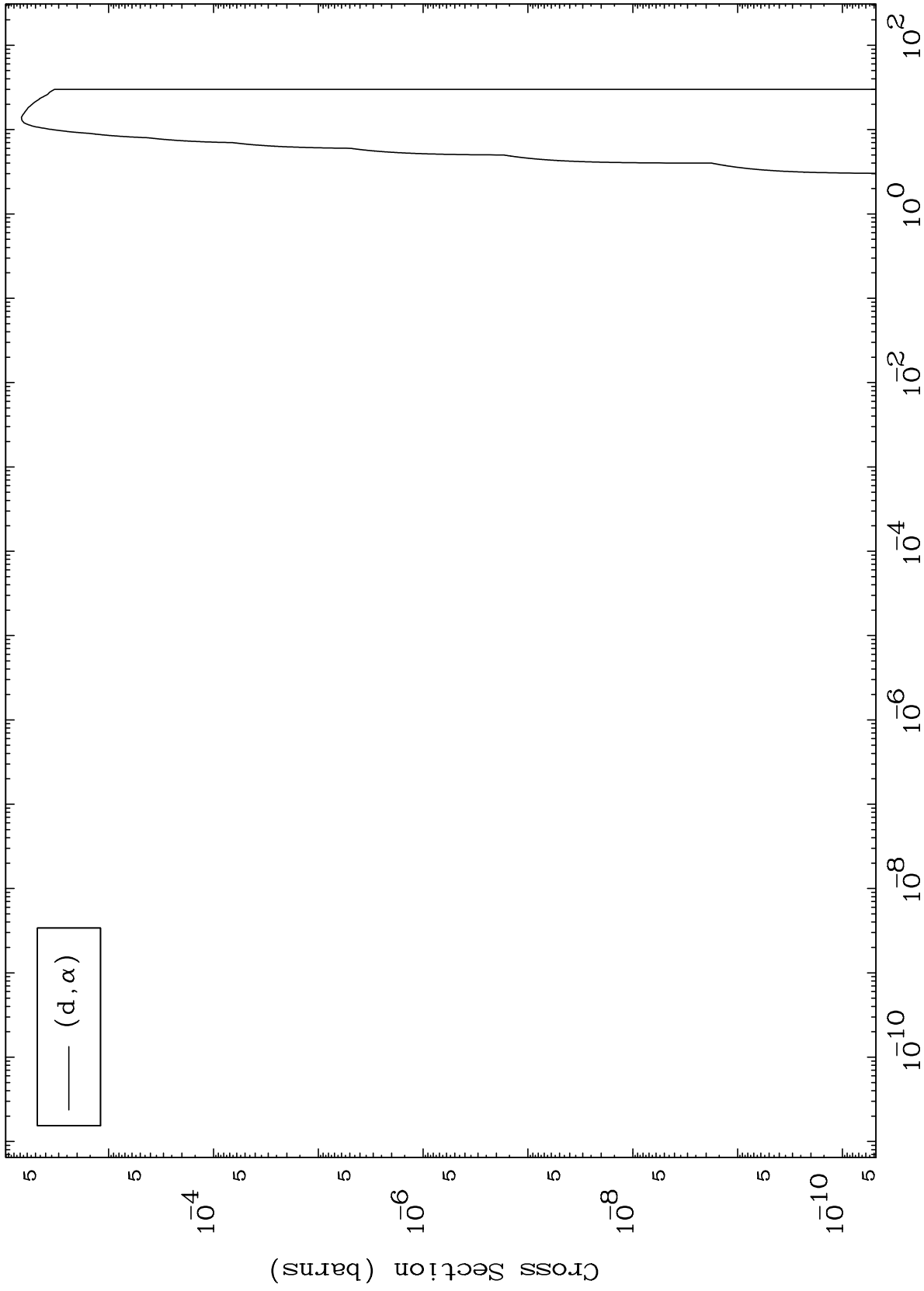
70-Yb-153



MAT 6980

(d,α) Levels  
0 Kelvin Cross Sections

70-Yb-153



10

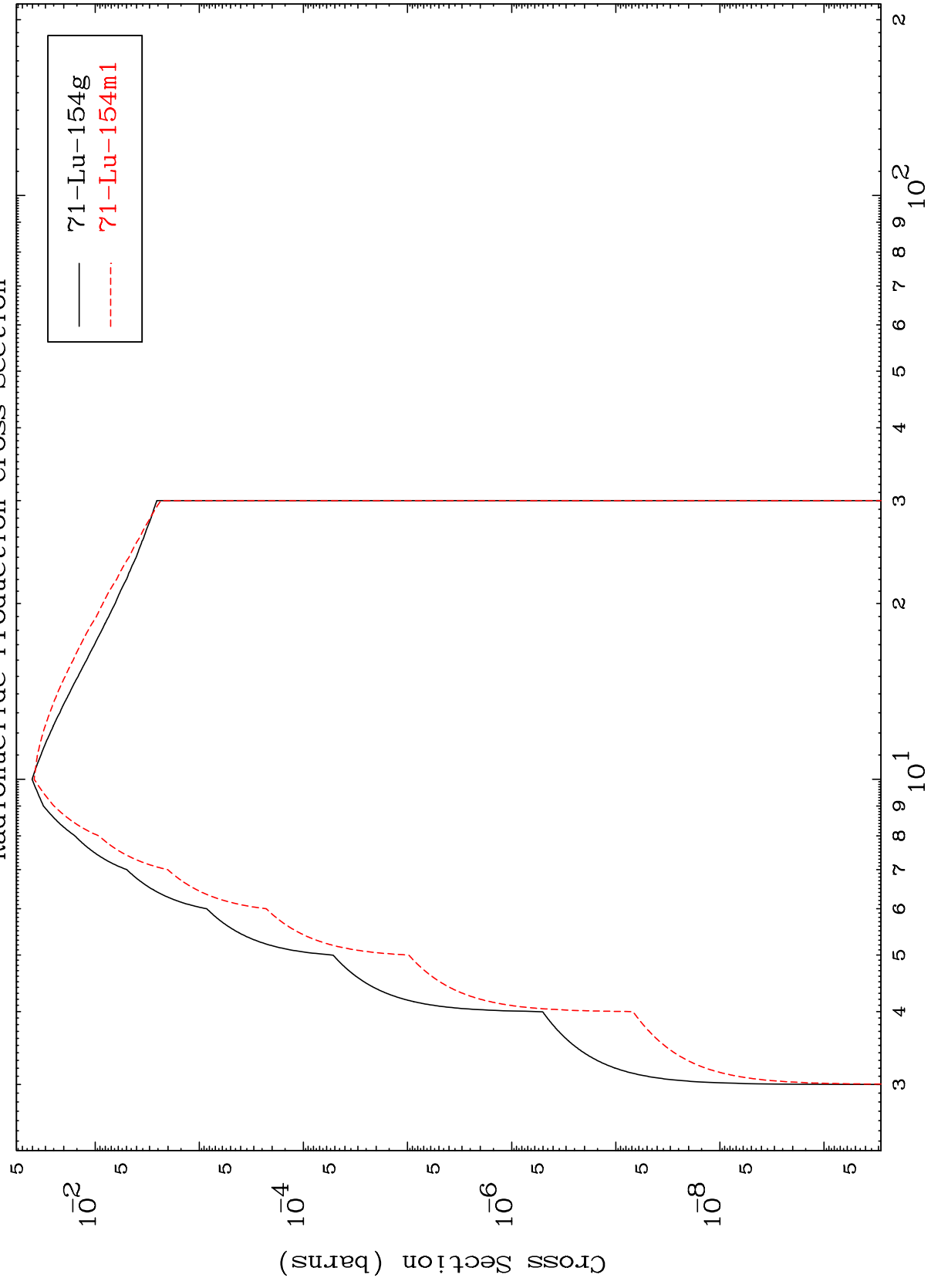
Incident Energy (MeV)

70-Yb-153

MAT 6980

Deuteron Inelastic  
Radionuclide Production Cross Section

70-Yb-153



11

Incident Energy (MeV)

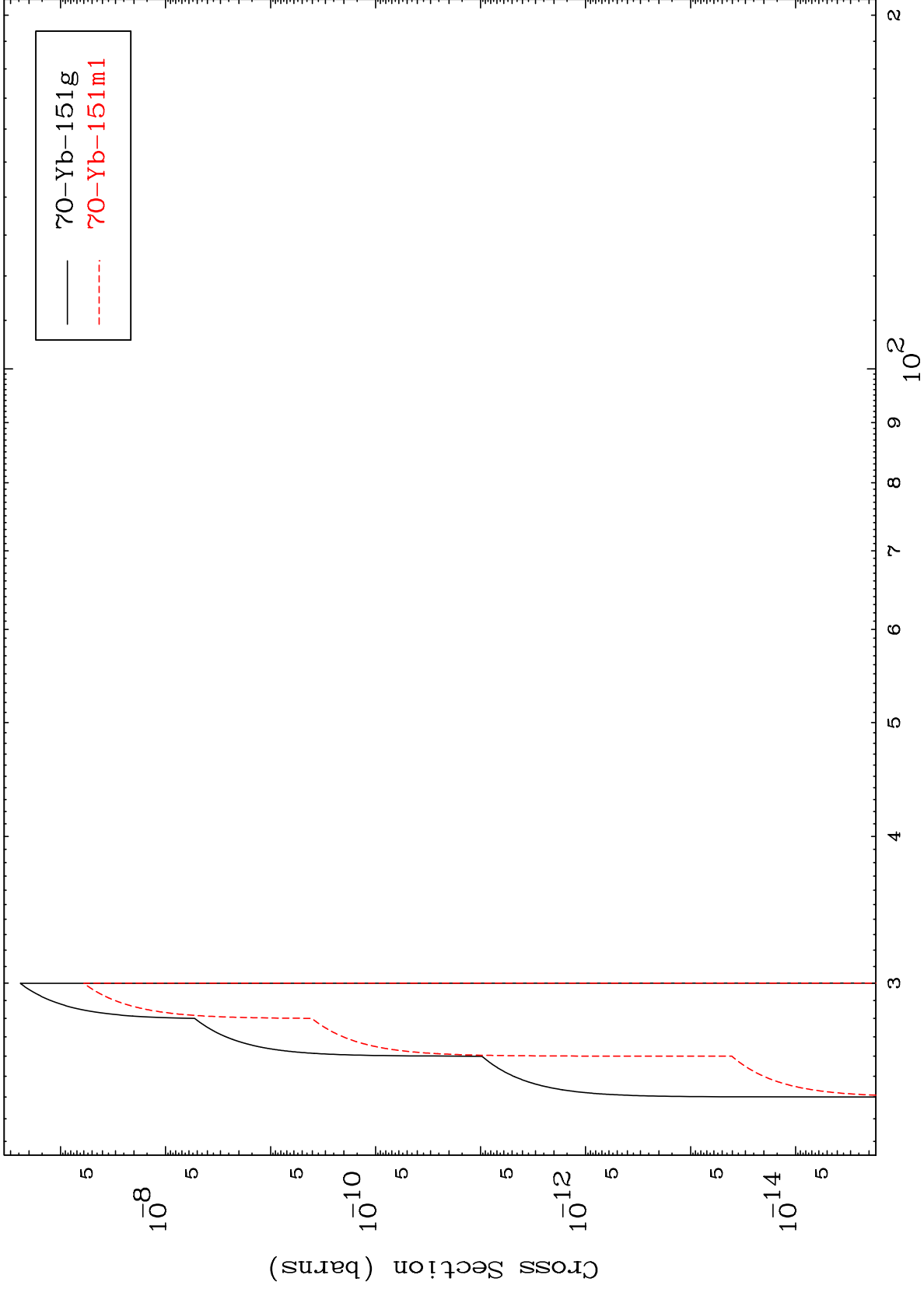
70-Yb-153

MAT 6980

(d,2n) d

<sup>70</sup>Yb-153

Radionuclide Production Cross Section



12

Incident Energy (MeV)

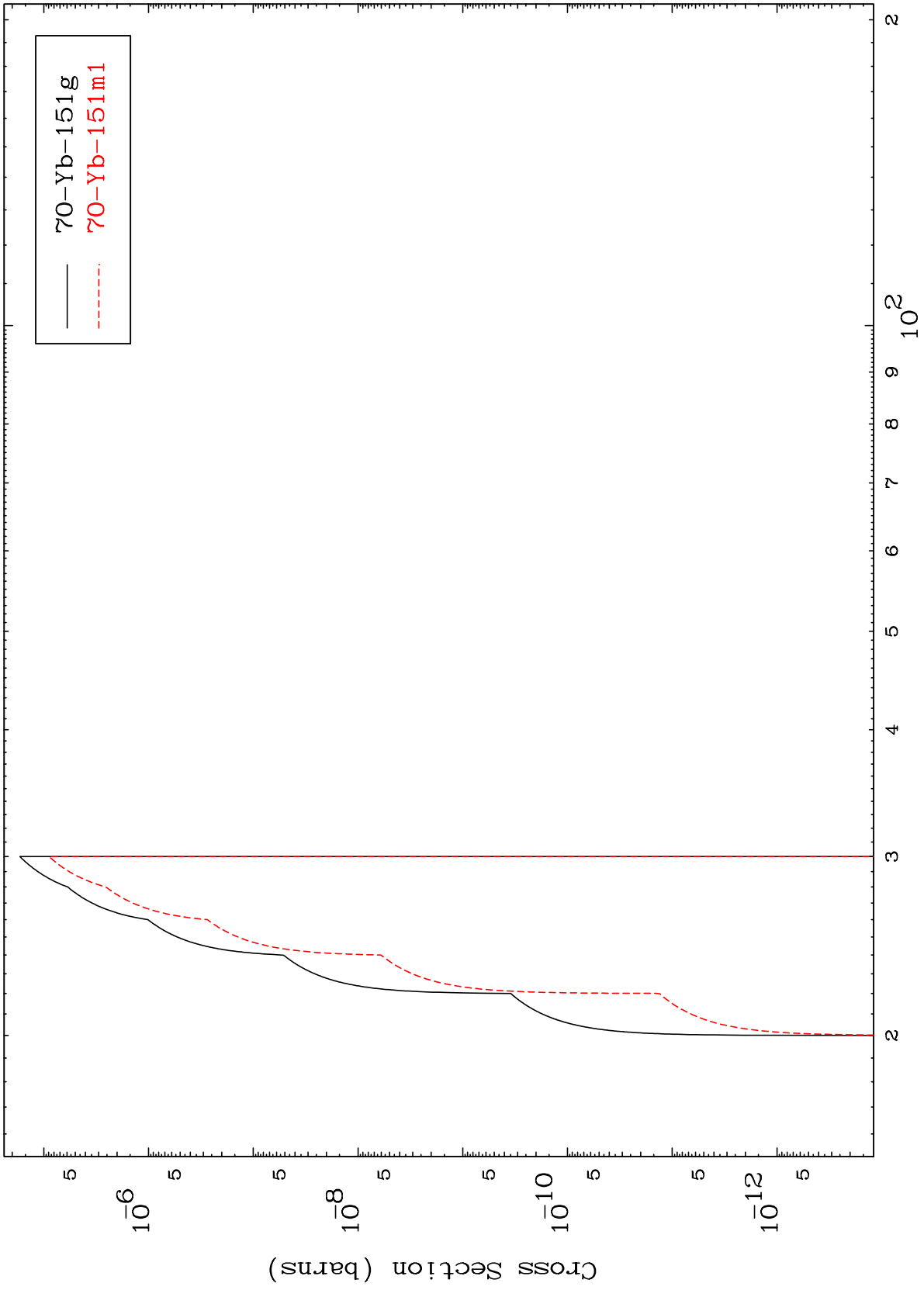
<sup>70</sup>Yb-153

MAT 6980

(d,n') t

<sup>70</sup>Yb-153

Radionuclide Production Cross Section



13

Incident Energy (MeV)

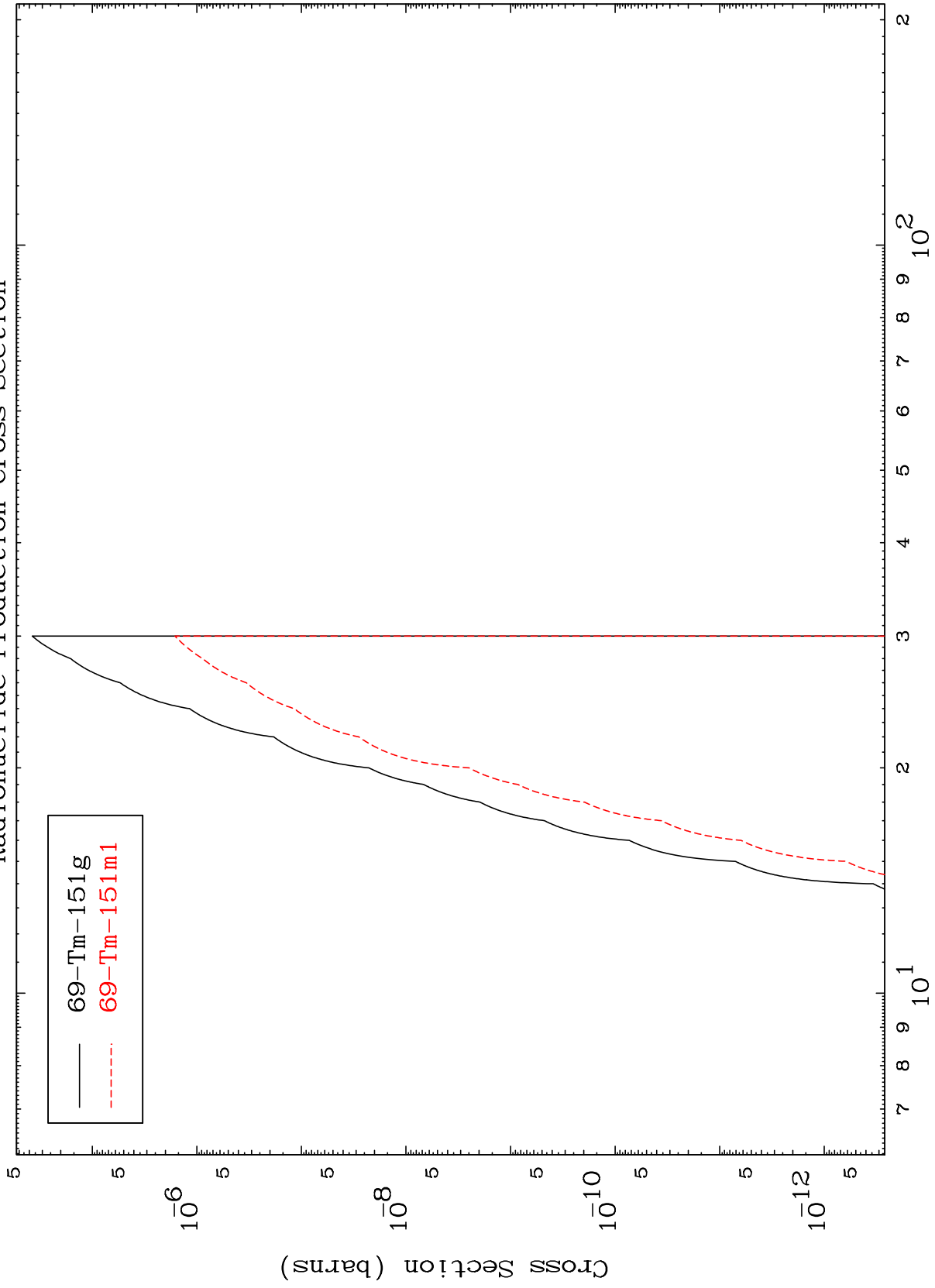
<sup>70</sup>Yb-153

MAT 6980

(d,n') He-3

70-Yb-153

Radionuclide Production Cross Section



14

Incident Energy (MeV)

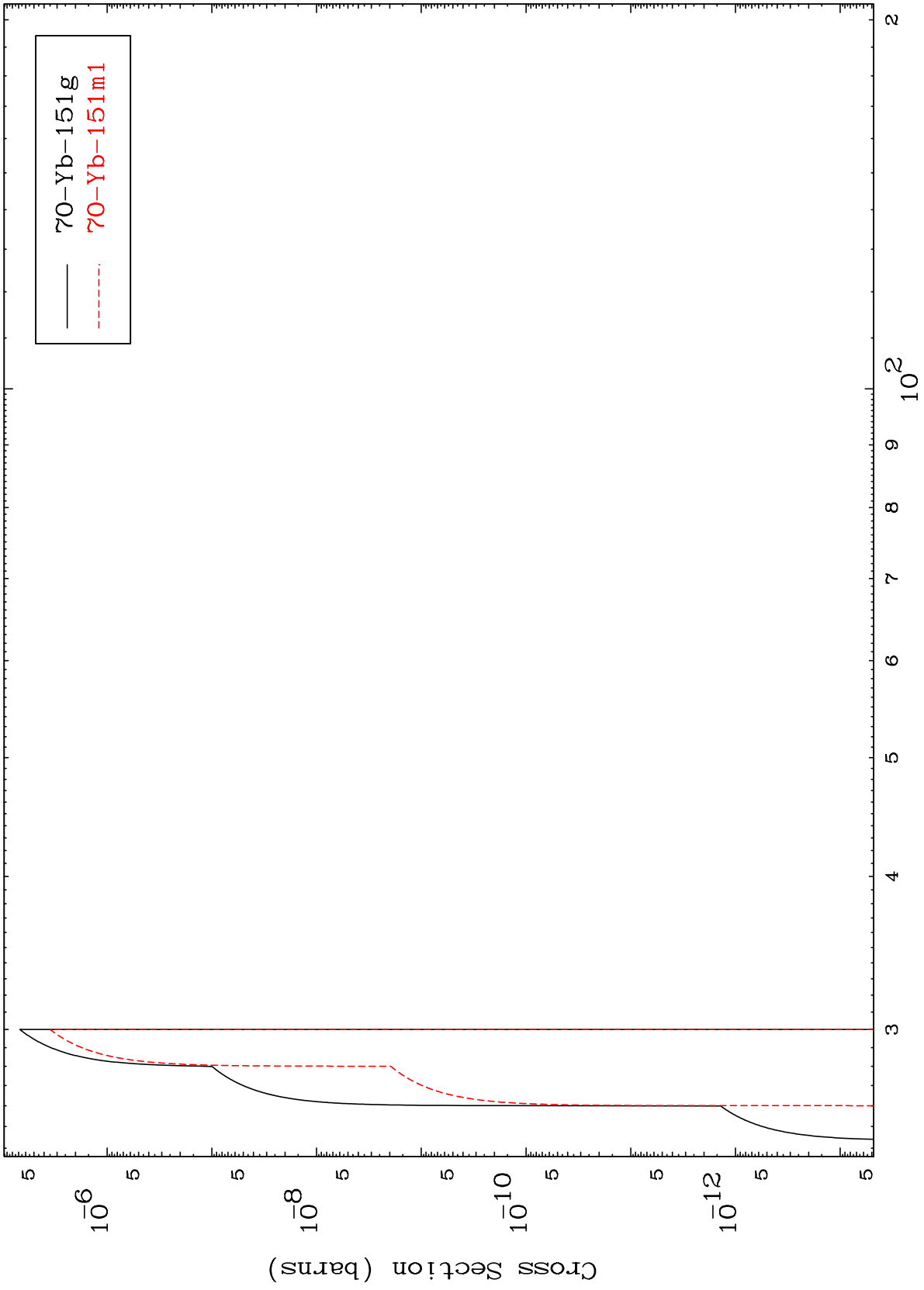
70-Yb-153

MAT 6980

(d,3n) p

<sup>70</sup>Yb-153

Radionuclide Production Cross Section



15

Incident Energy (MeV)

<sup>70</sup>Yb-153

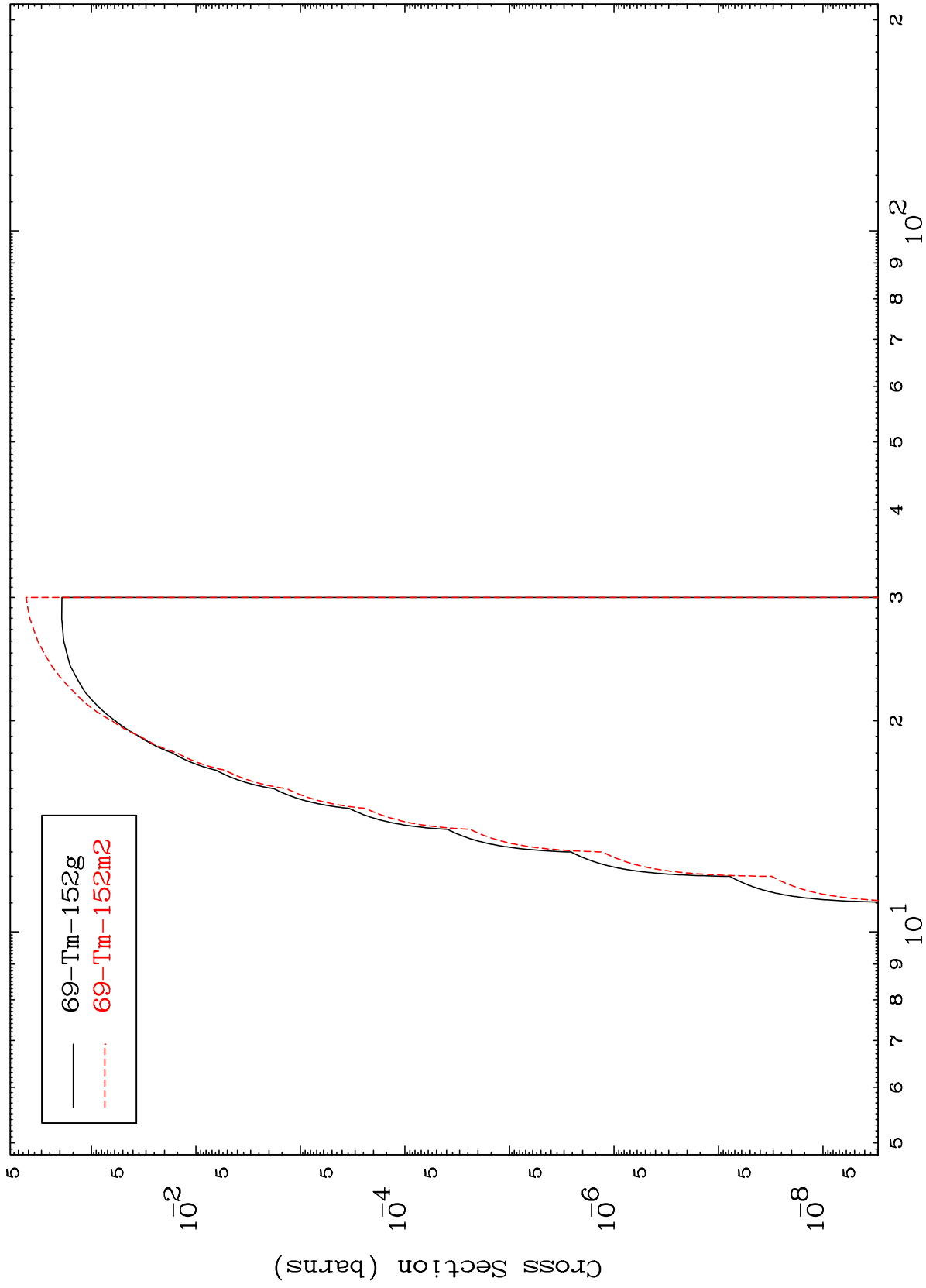


MAT 6980

(d,2n) p

70-Yb-153

Radionuclide Production Cross Section



16

Incident Energy (MeV)

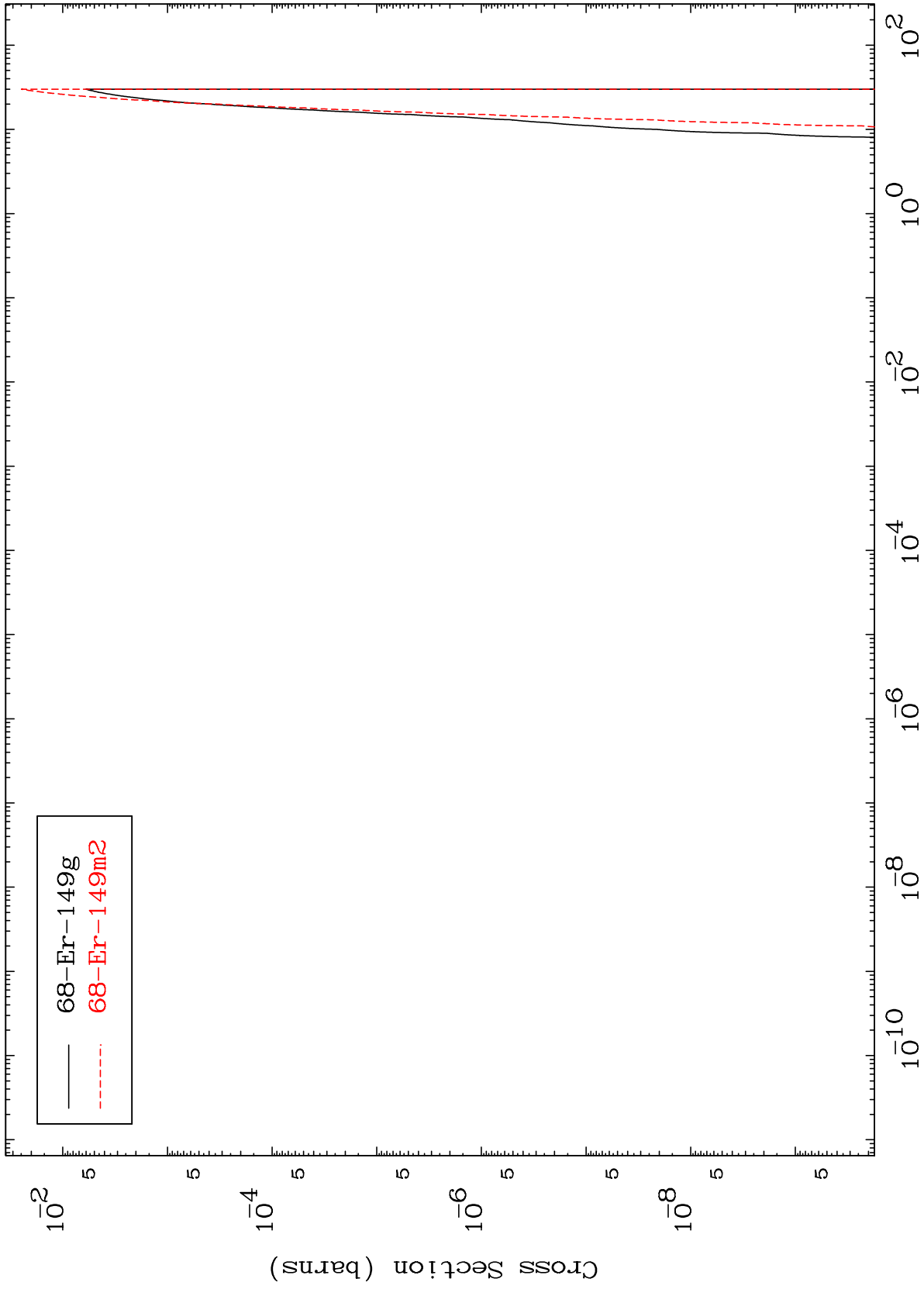
70-Yb-153

MAT 6980

(d,n') p  $\alpha$

70-Yb-153

Radionuclide Production Cross Section



17

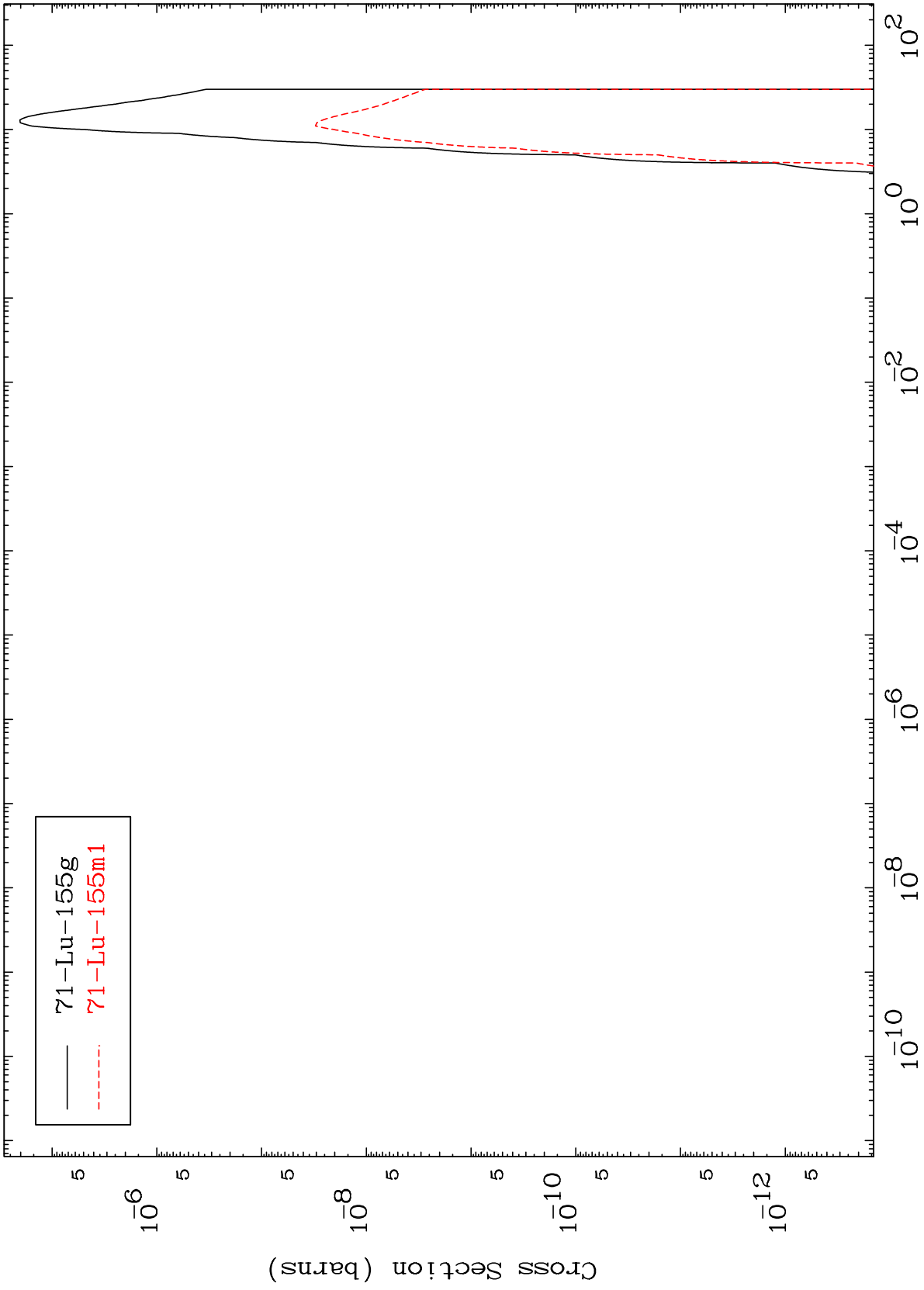
Incident Energy (MeV)

70-Yb-153

MAT 6980

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

<sup>70</sup>Yb-153



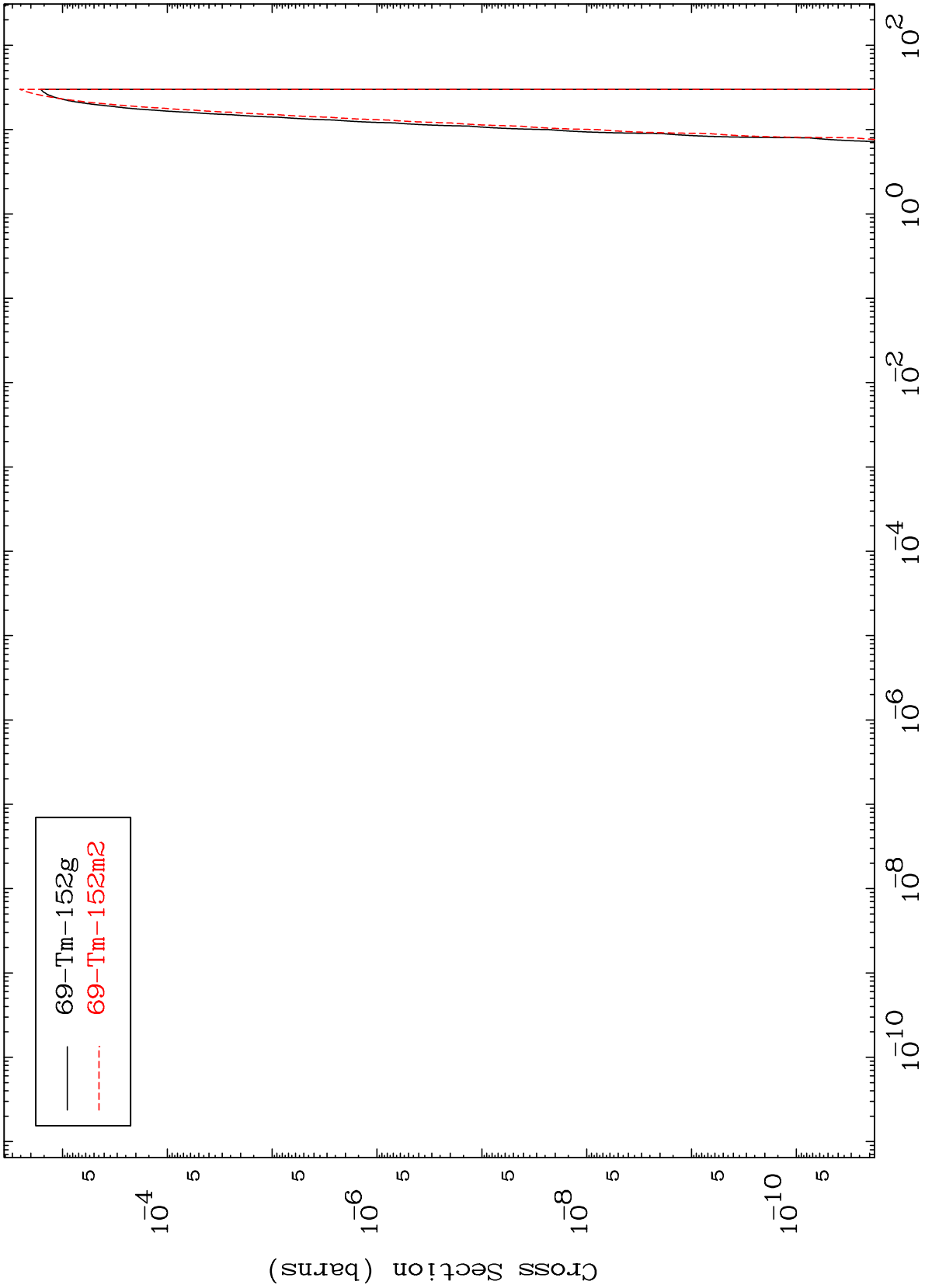
— <sup>71</sup>Lu-155g  
- - - <sup>71</sup>Lu-155m1

MAT 6980

(d, He-3)

70-Yb-153

Radionuclide Production Cross Section

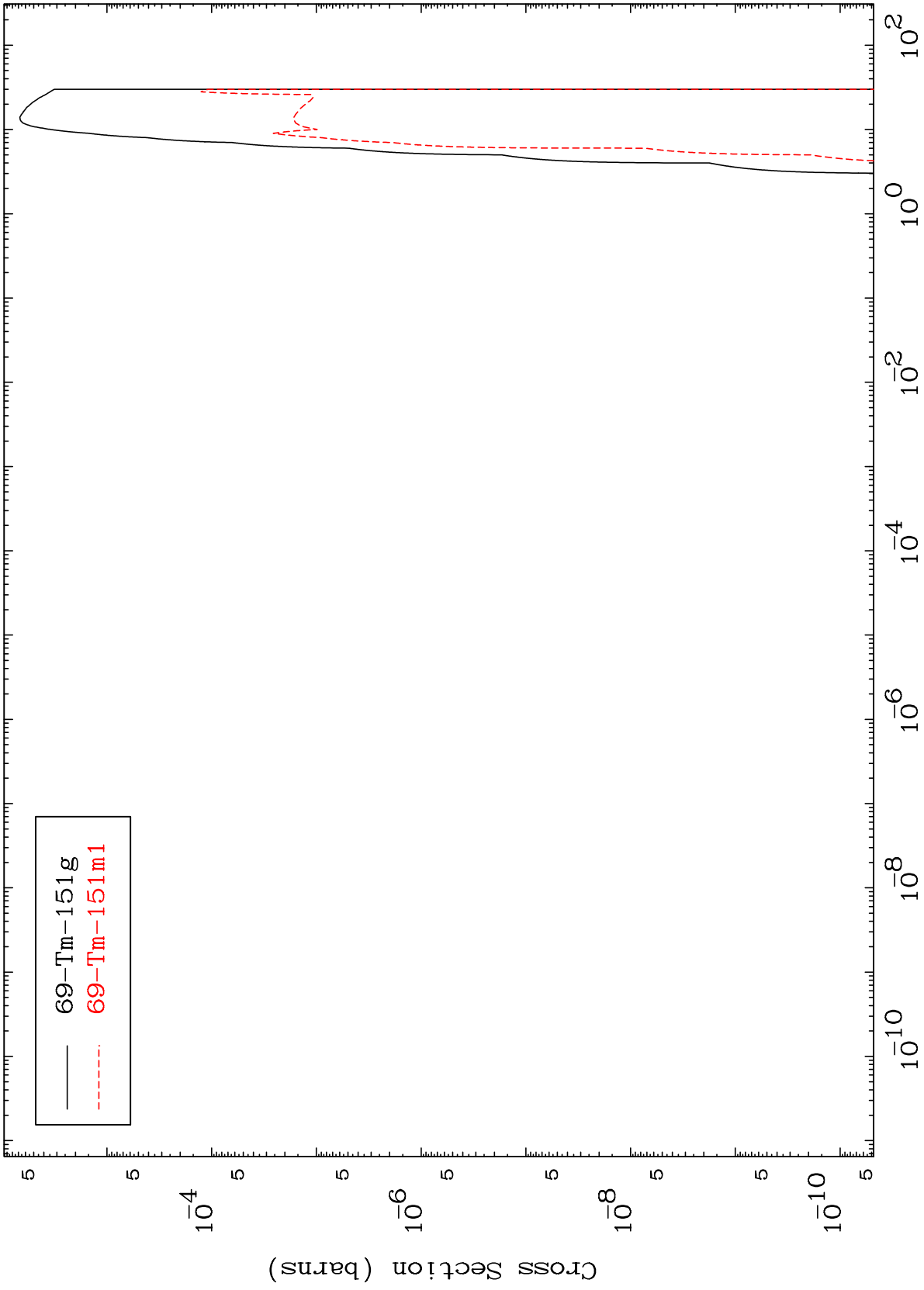


70-Yb-153

MAT 6980

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

70-Yb-153



20

Incident Energy (MeV)

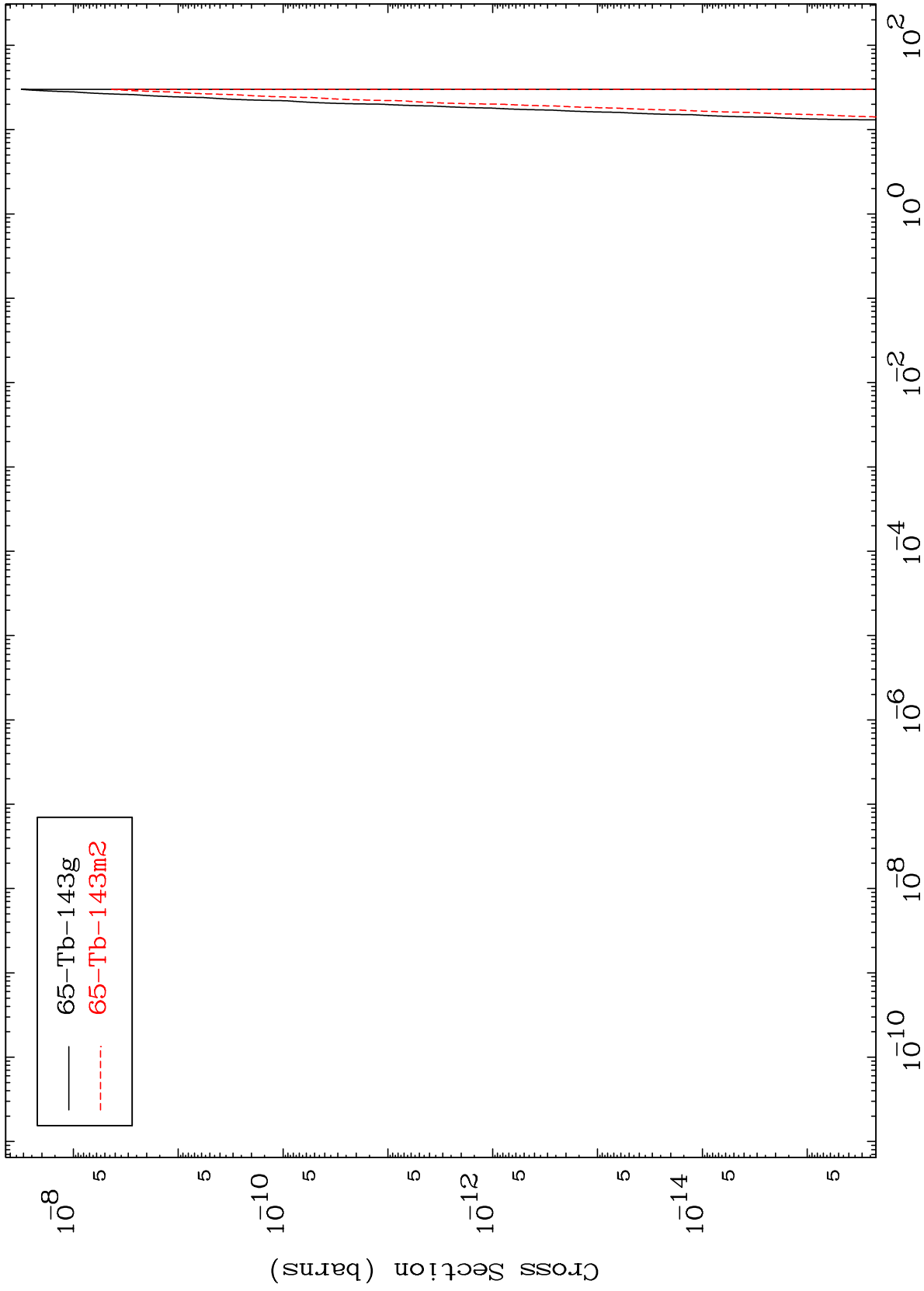
70-Yb-153

MAT 6980

(d,3 $\alpha$ )

70-Yb-153

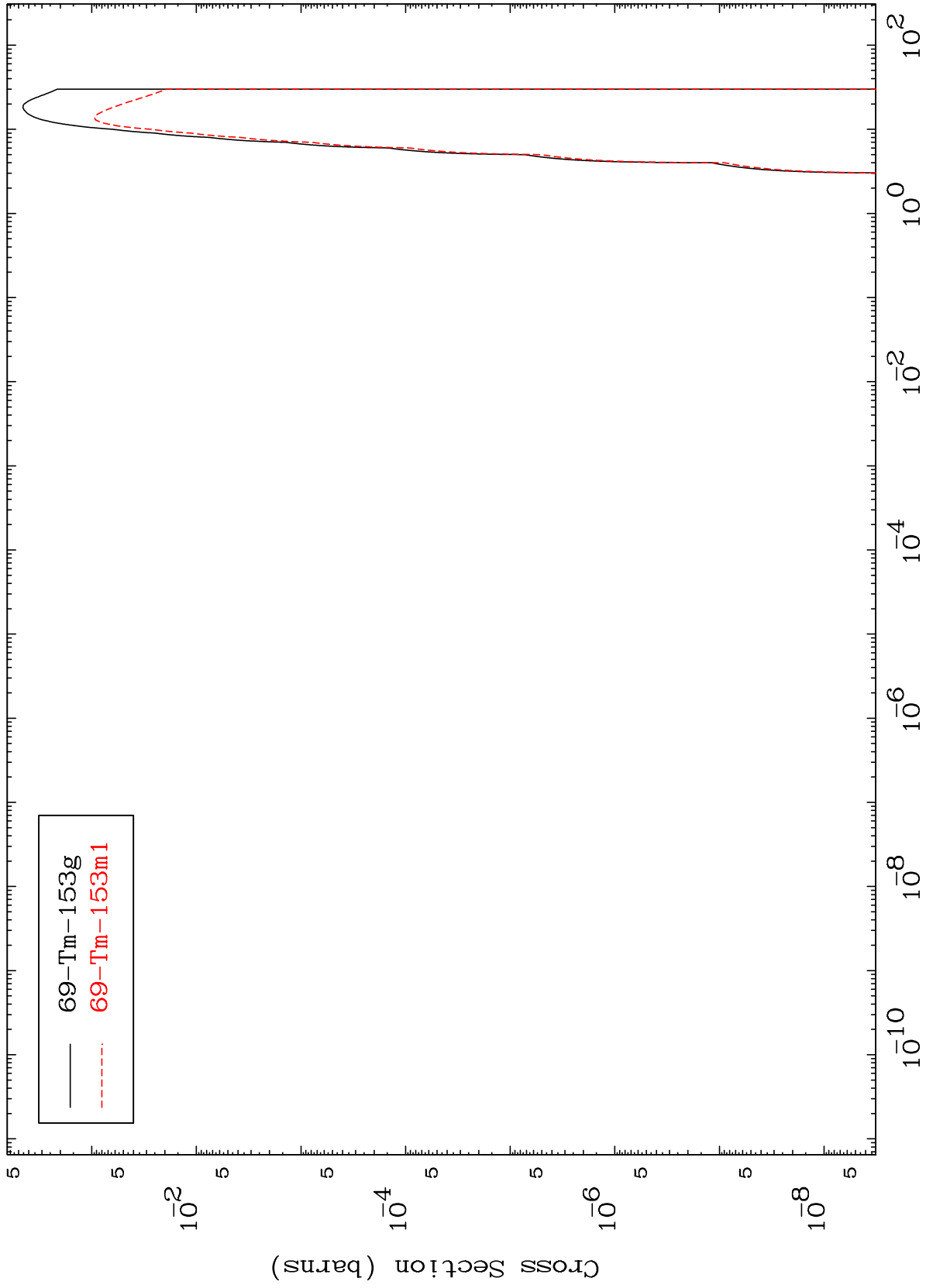
Radionuclide Production Cross Section



MAT 6980

Radionuclide Production Cross Section  
(d,2p)

70-Yb-153



22

Incident Energy (MeV)

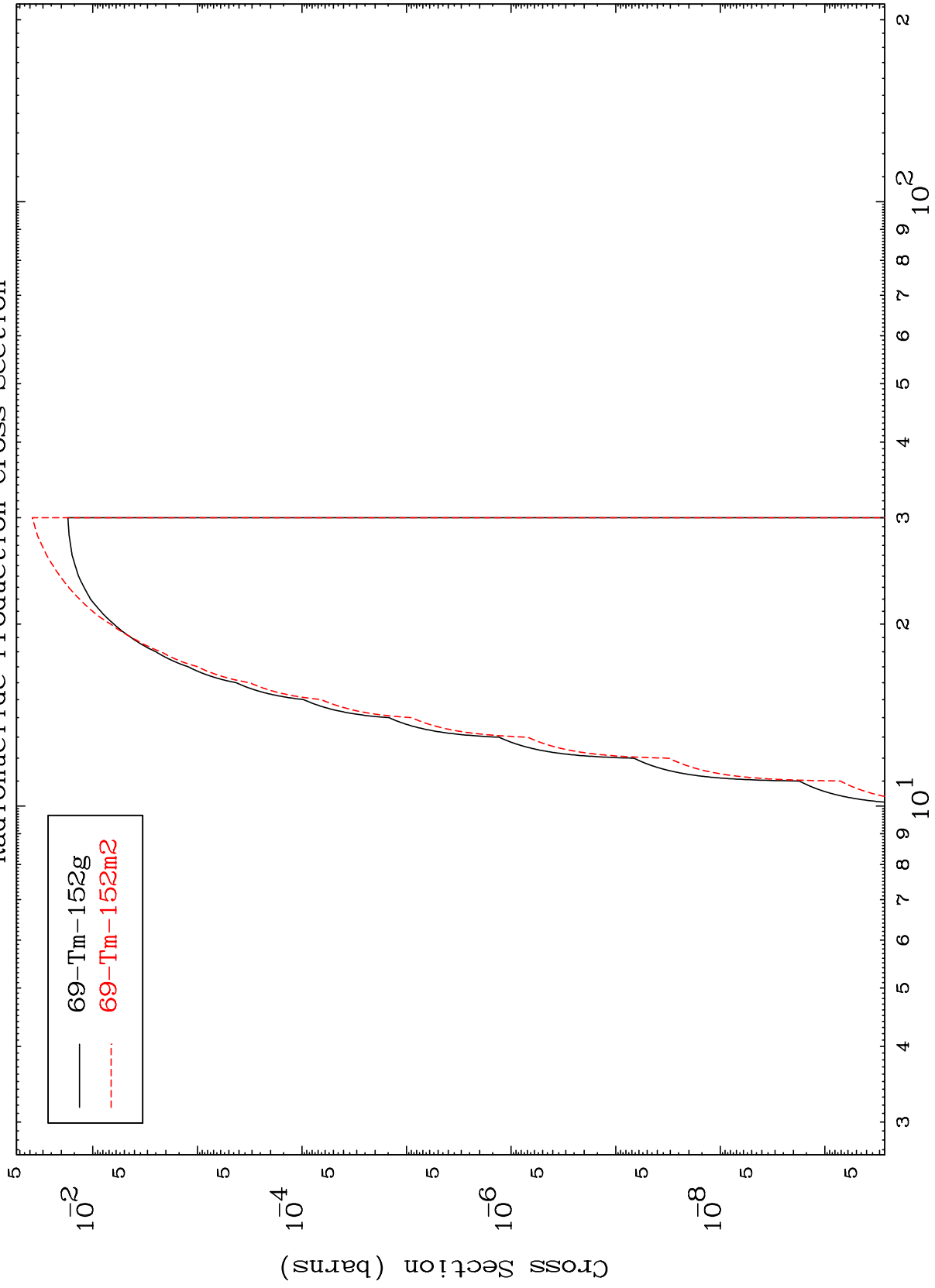
70-Yb-153

MAT 6980

(d,p) d

70-Yb-153

Radionuclide Production Cross Section



23

Incident Energy (MeV)

70-Yb-153

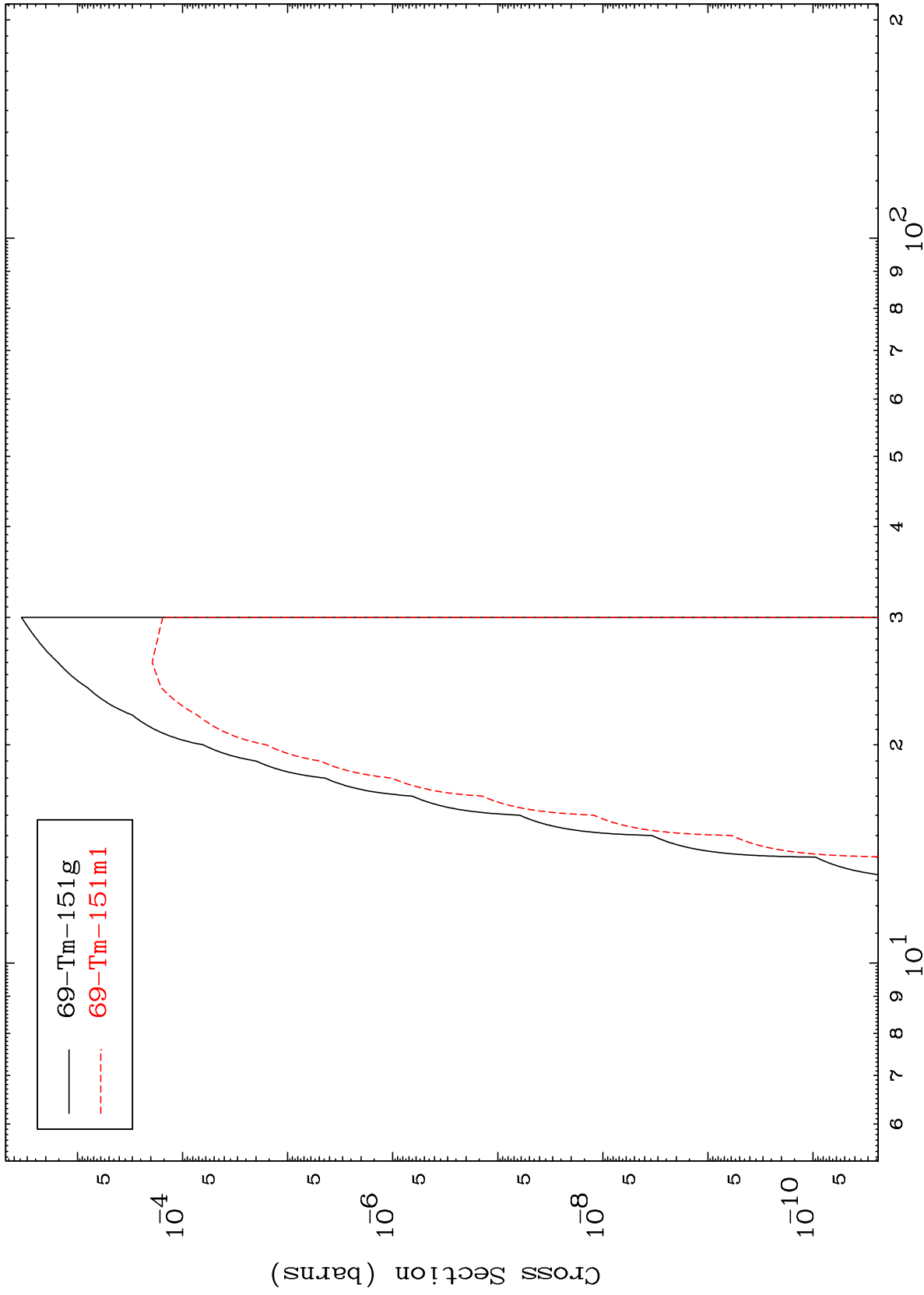


MAT 6980

(d,p) t

70-Yb-153

Radionuclide Production Cross Section



24

Incident Energy (MeV)

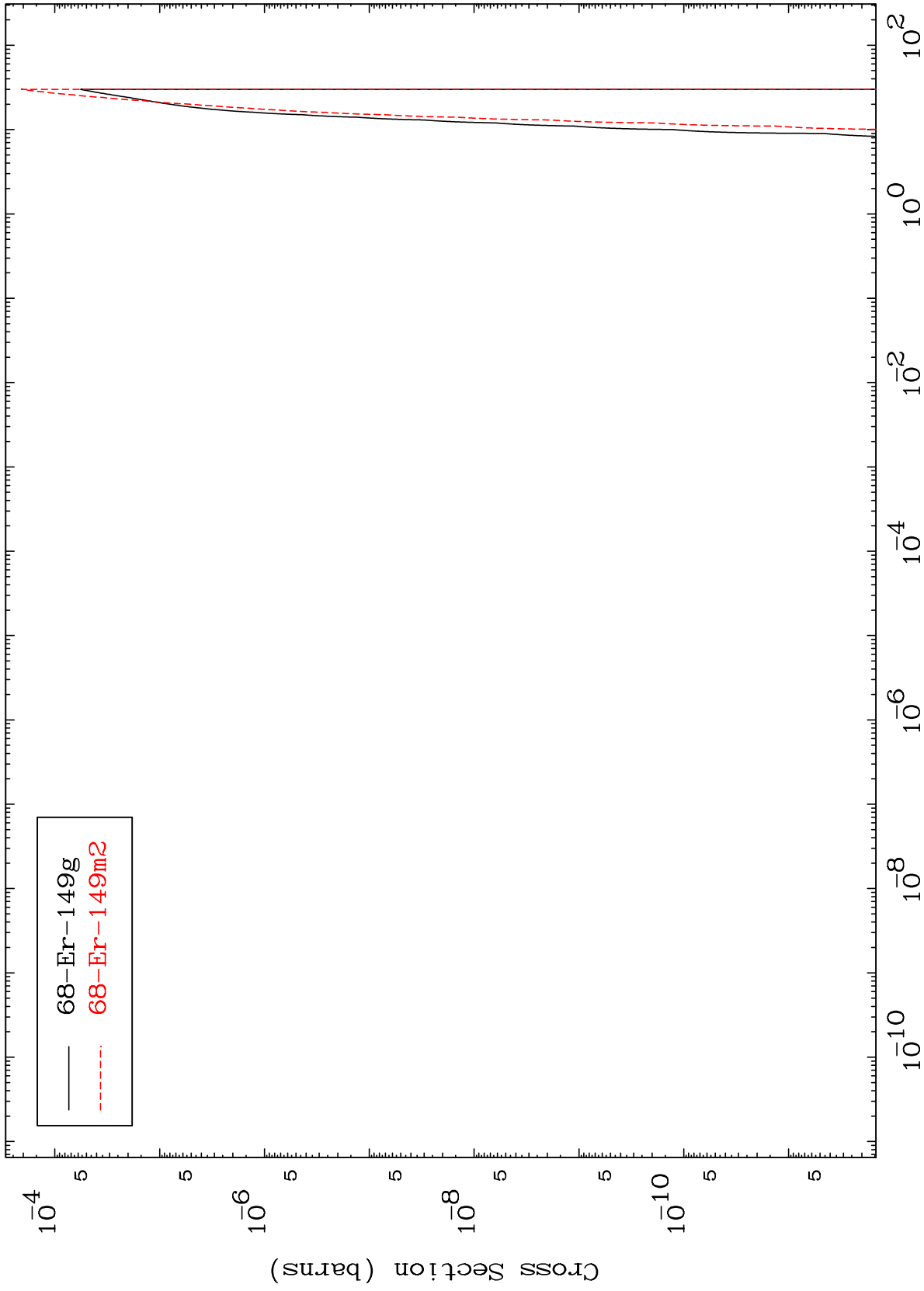
70-Yb-153

MAT 6980

(d,d)  $\alpha$

70-Yb-153

Radionuclide Production Cross Section



25

Incident Energy (MeV)

70-Yb-153