

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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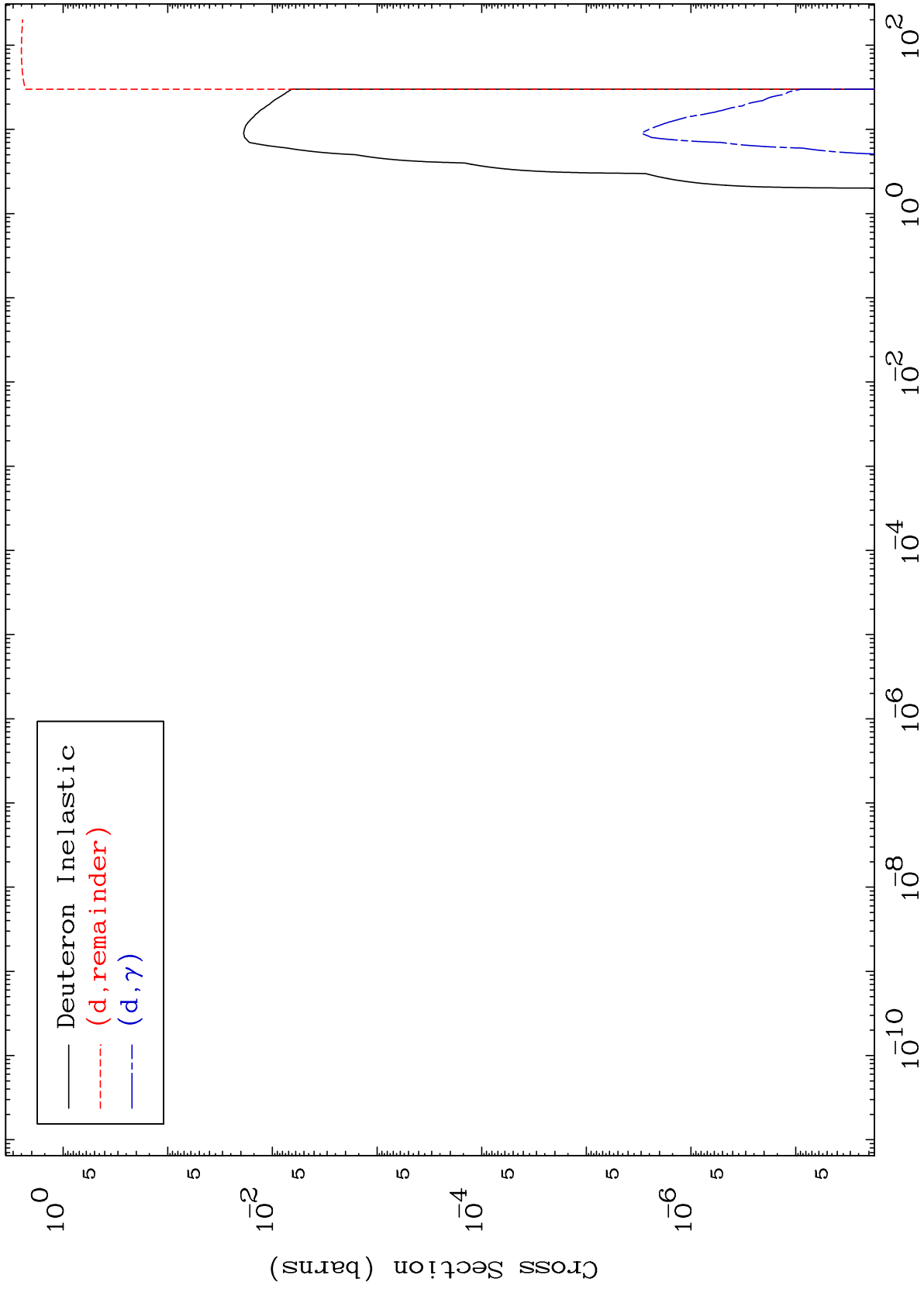
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5258

Deuteron Major  
0 Kelvin Cross Sections

52-Te-131



1

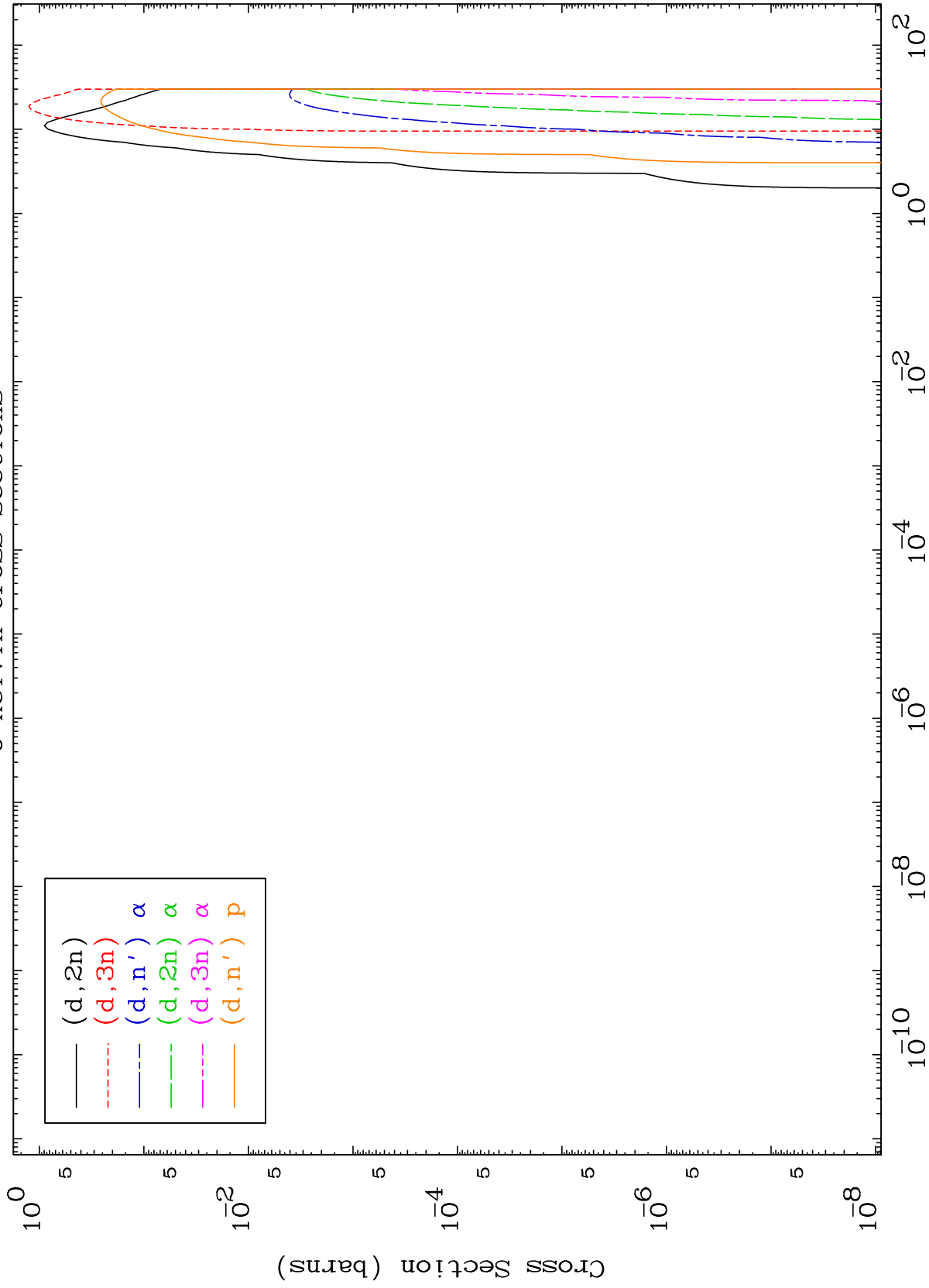
Incident Energy (MeV)

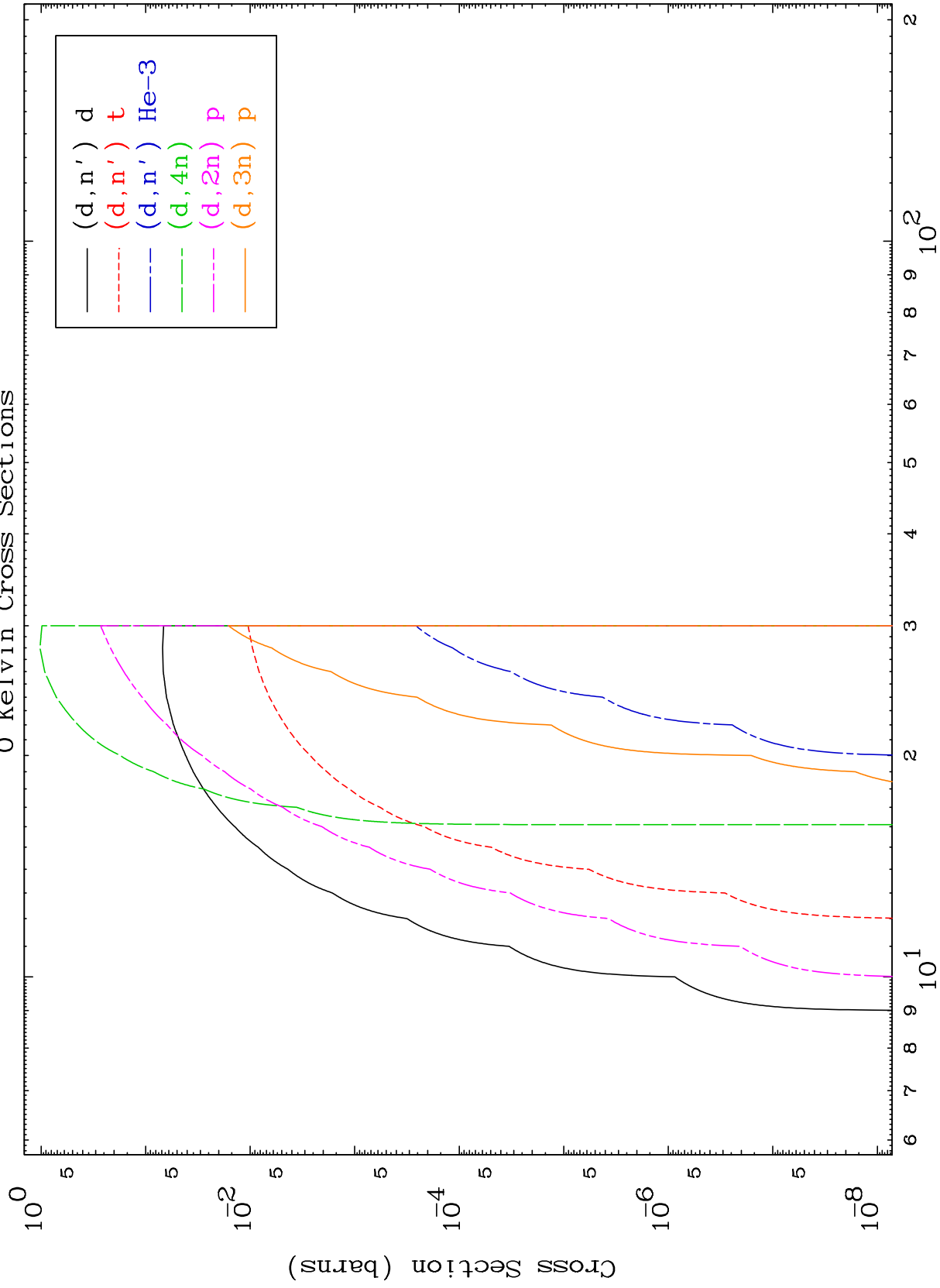
52-Te-131

MAT 5258

Deuteron Neutron Production  
0 Kelvin Cross Sections

52-Te-131

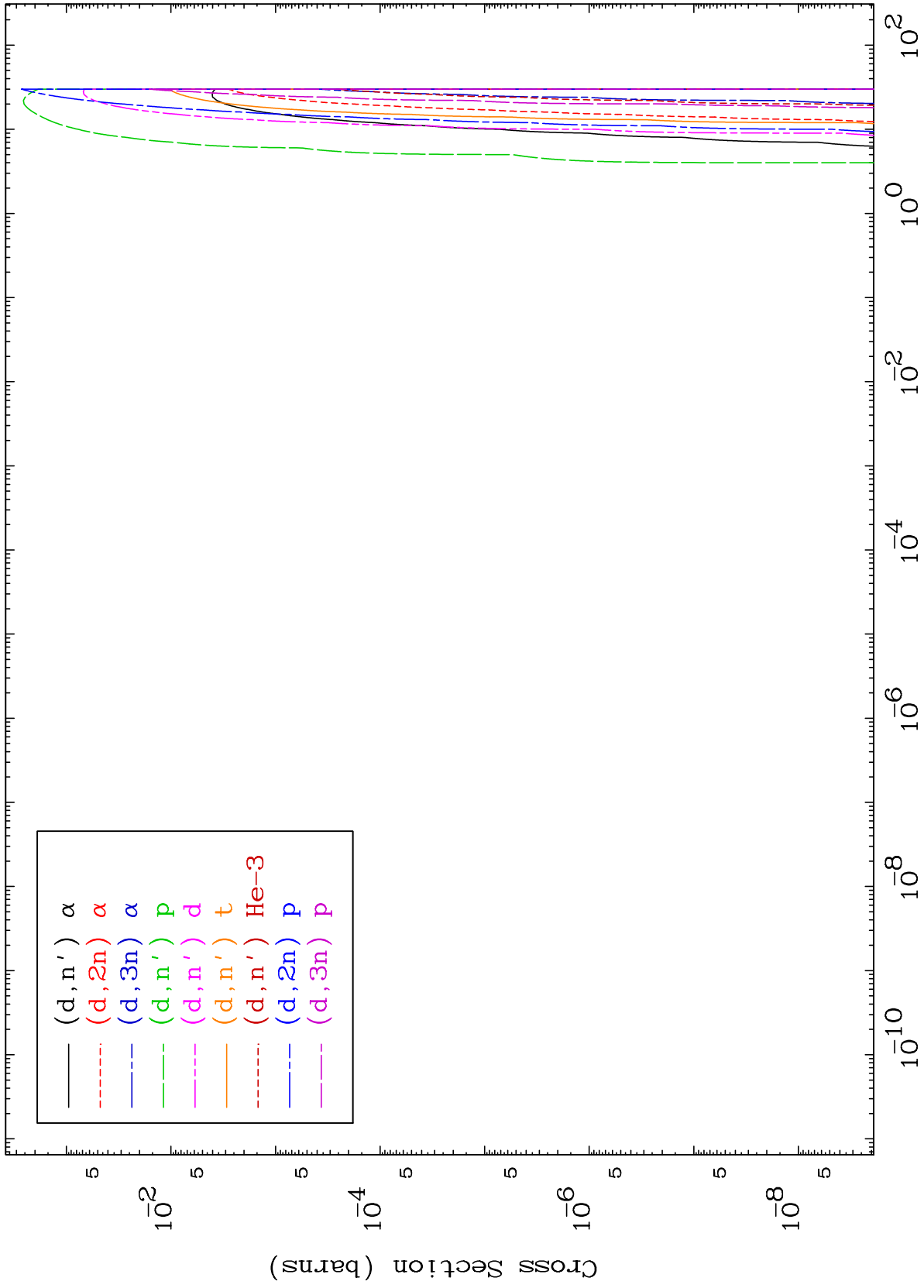




MAT 5258

Deuteron Charged Particle  
0 Kelvin Cross Sections

52-Te-131

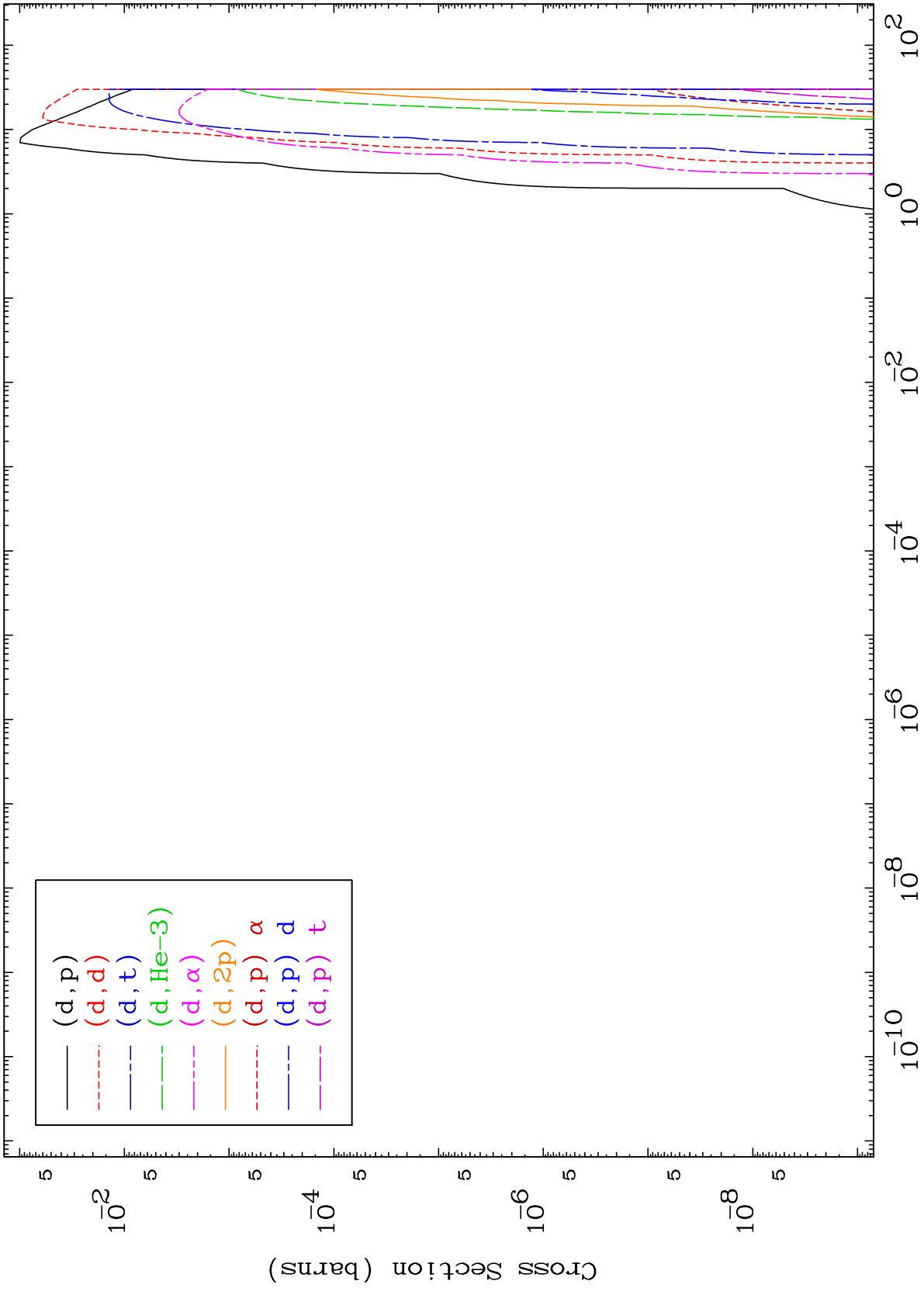


52-Te-131

MAT 5258

Deuteron Charged Particle  
0 Kelvin Cross Sections

52-Te-131



5

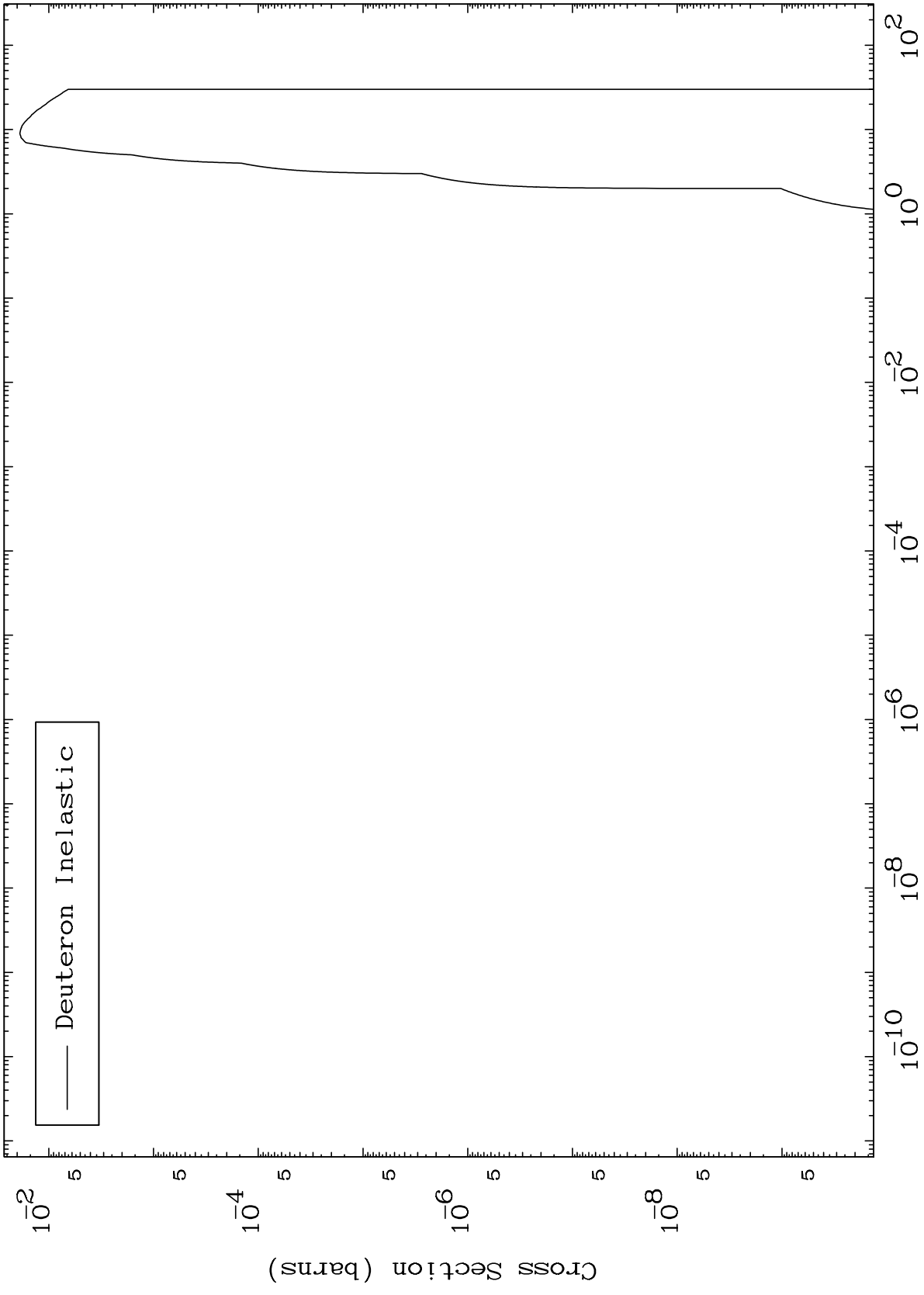
Incident Energy (MeV)

52-Te-131

MAT 5258

(d,n') Level  
0 Kelvin Cross Sections

52-Te-131

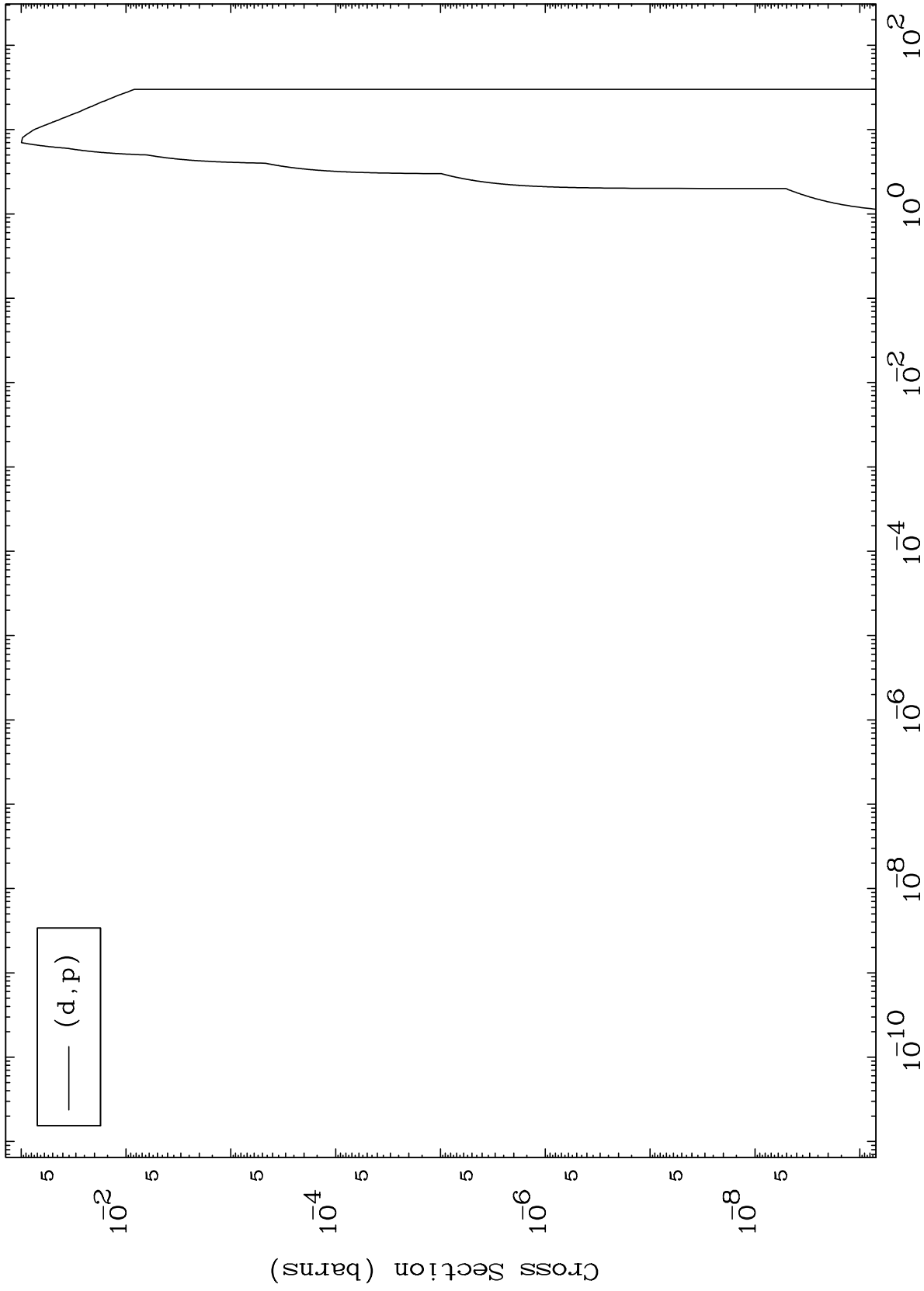


52-Te-131

MAT 5258

(d,p) Levels  
0 Kelvin Cross Sections

52-Te-131



7

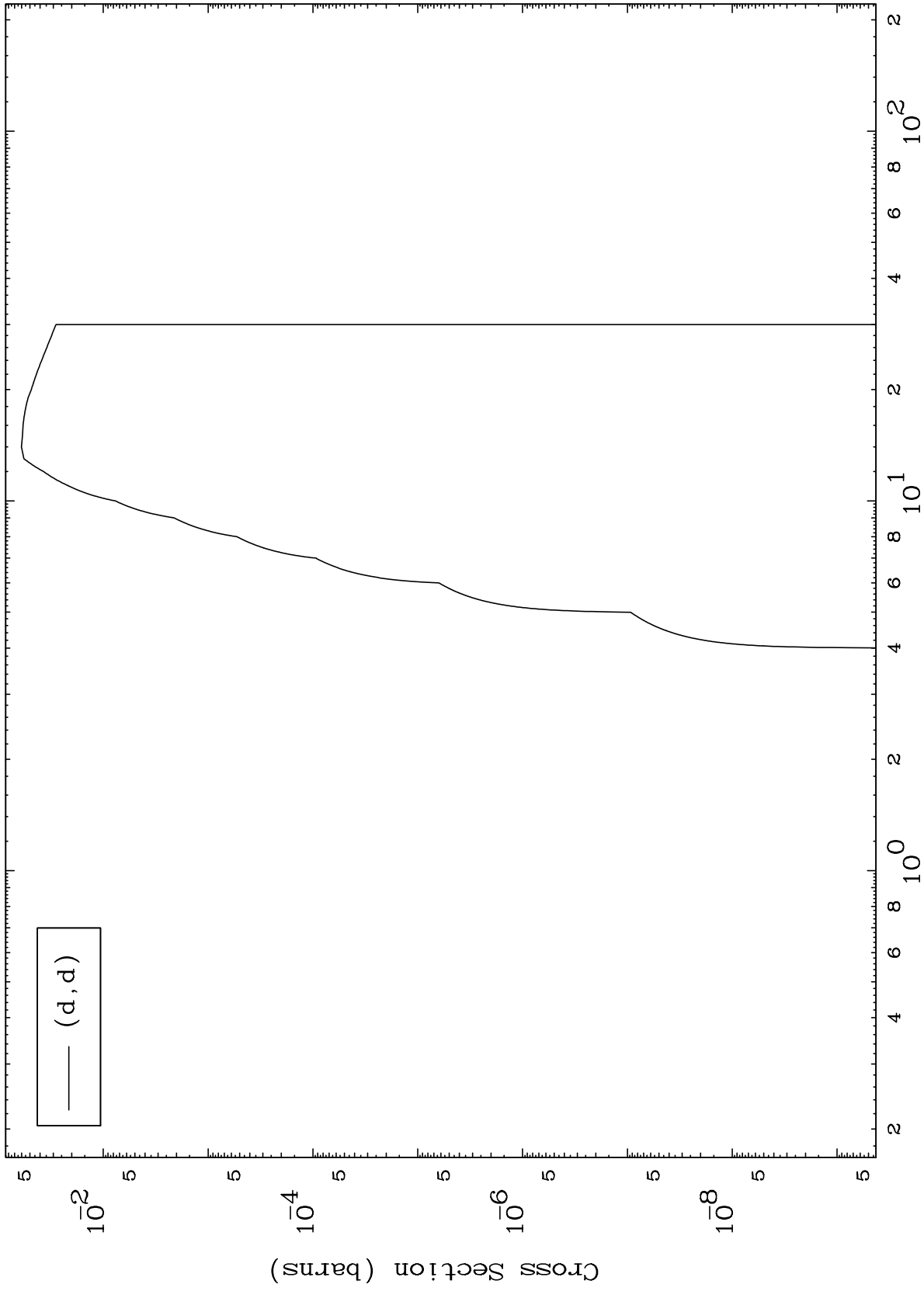
Incident Energy (MeV)

52-Te-131

MAT 5258

(d,d) Levels  
0 Kelvin Cross Sections

52-Te-131



8

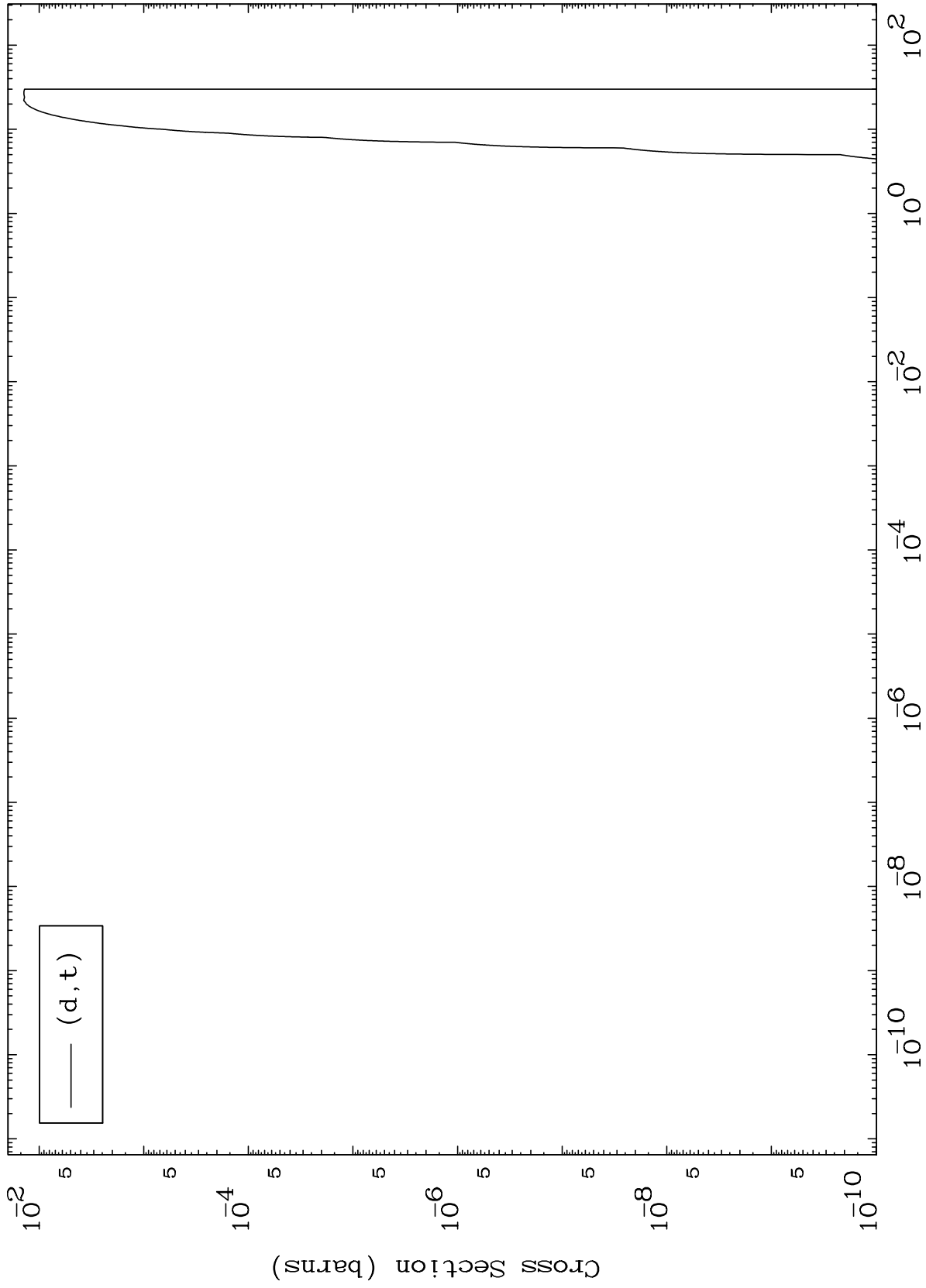
Incident Energy (MeV)

52-Te-131

MAT 5258

(d,t) Levels  
0 Kelvin Cross Sections

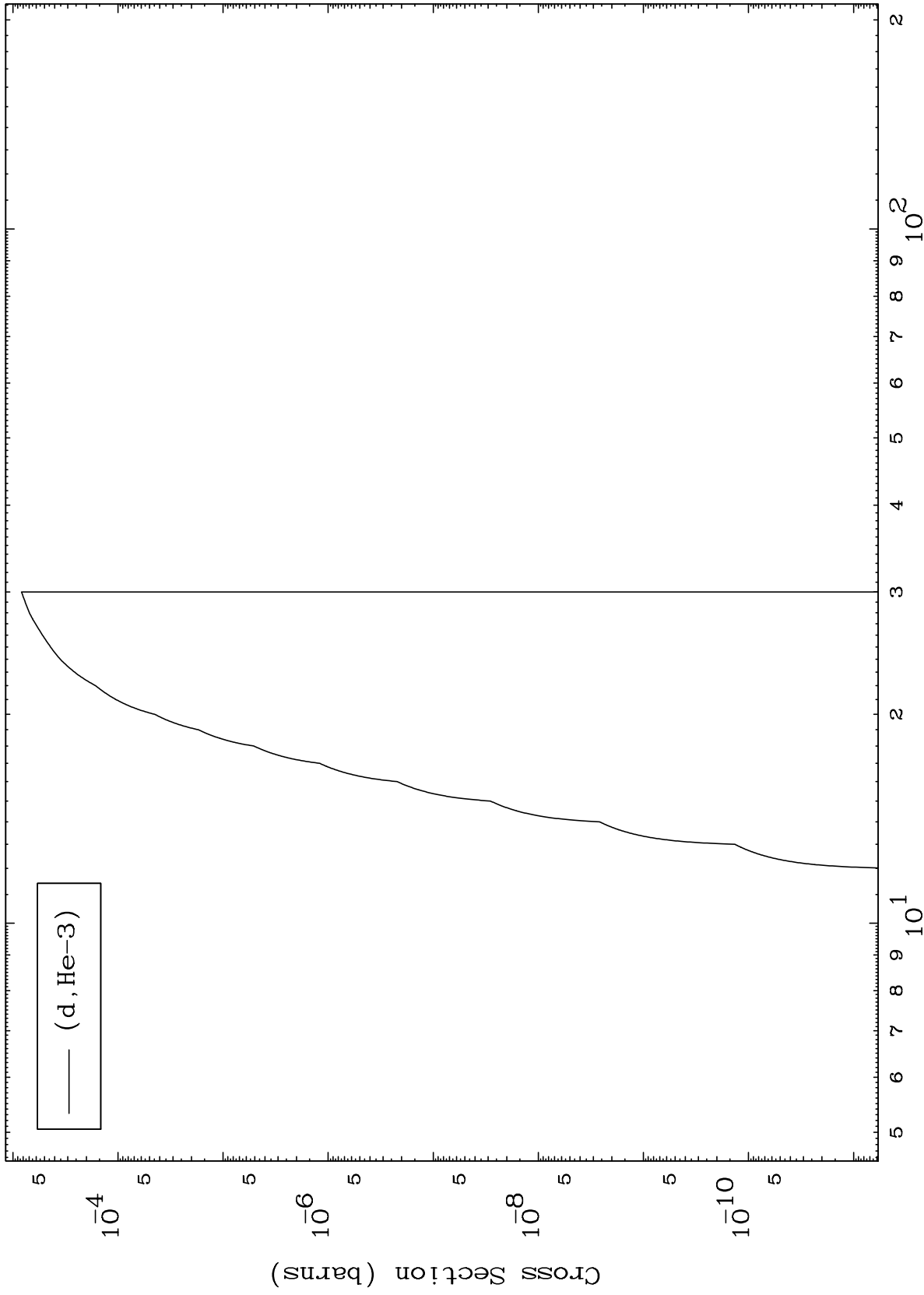
52-Te-131



MAT 5258

(d,He3) Levels  
0 Kelvin Cross Sections

52-Te-131



10

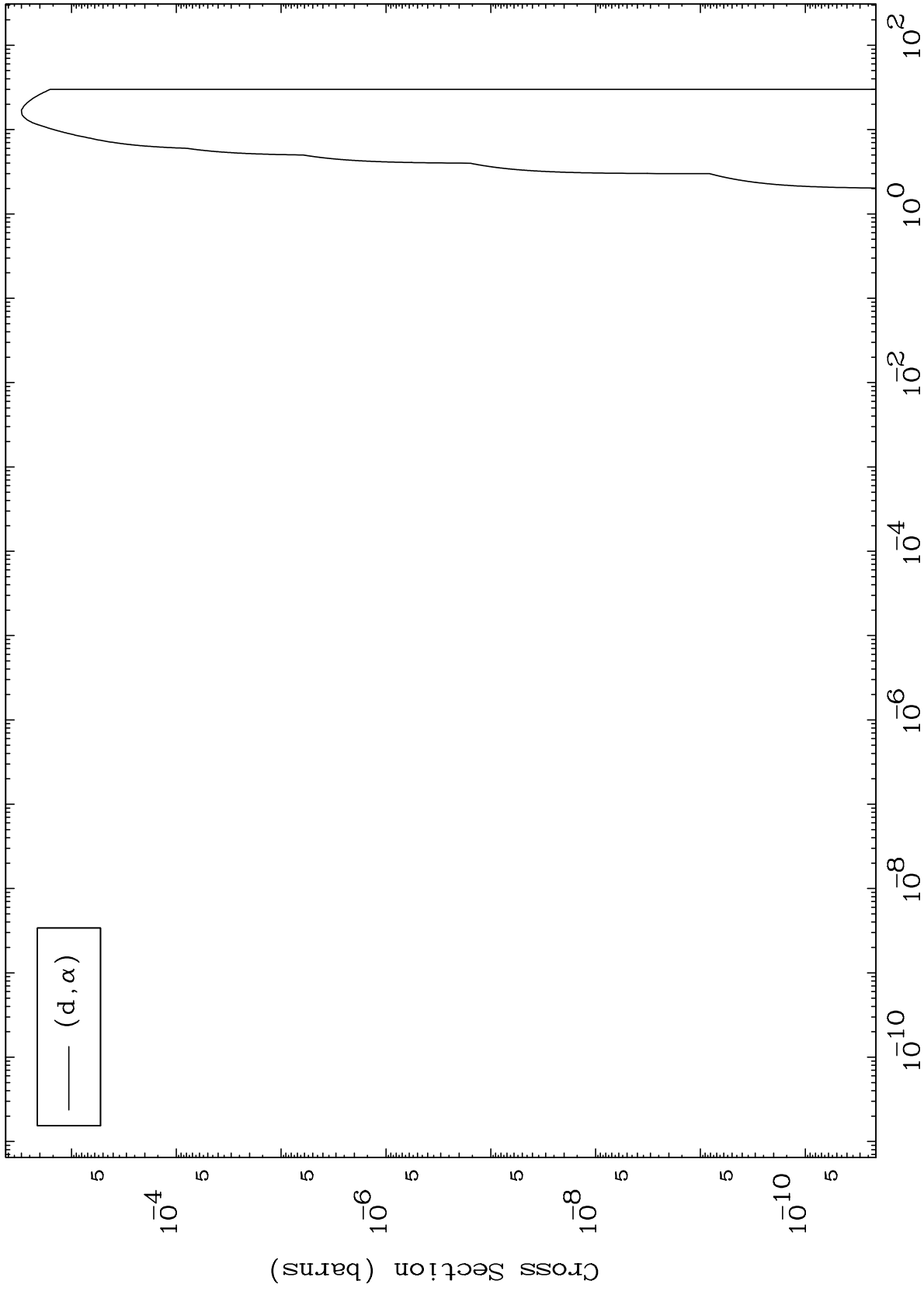
Incident Energy (MeV)

52-Te-131

MAT 5258

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

52-Te-131



11

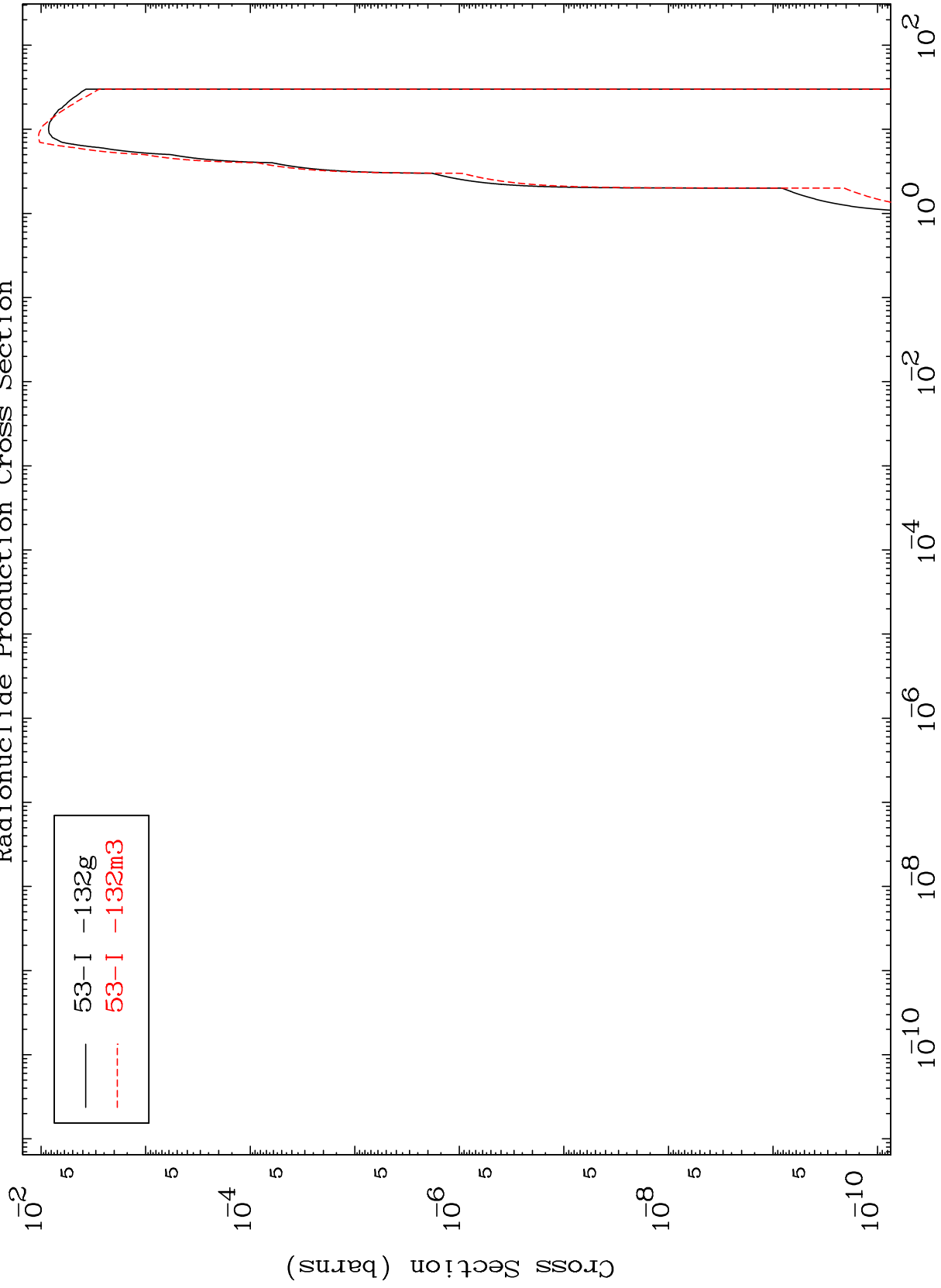
Incident Energy (MeV)

52-Te-131

MAT 5258

Deuteron Inelastic  
Radionuclide Production Cross Section

52-Te-131

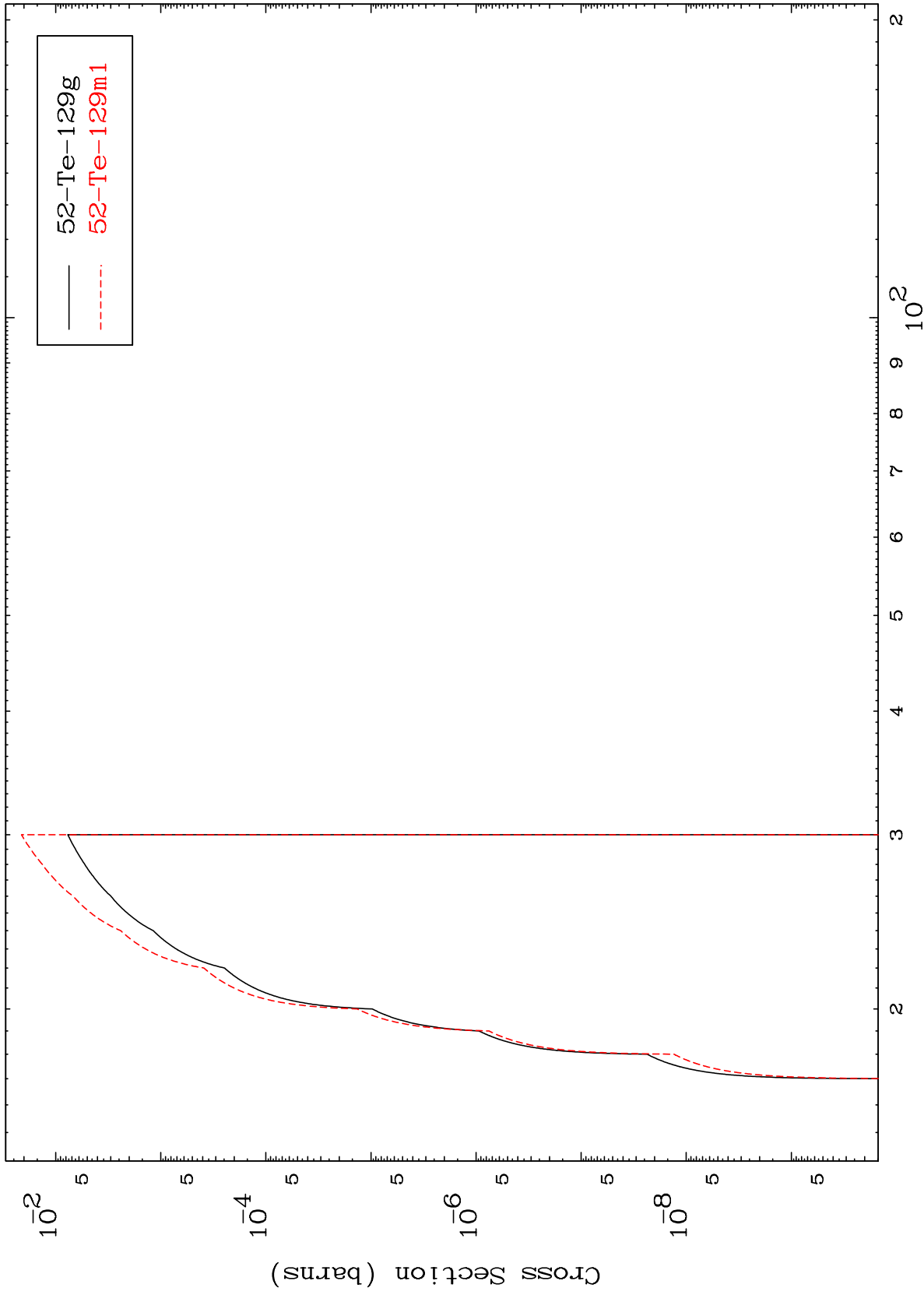


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(d,2n) d

<sup>52</sup>Te-131

Radionuclide Production Cross Section



13

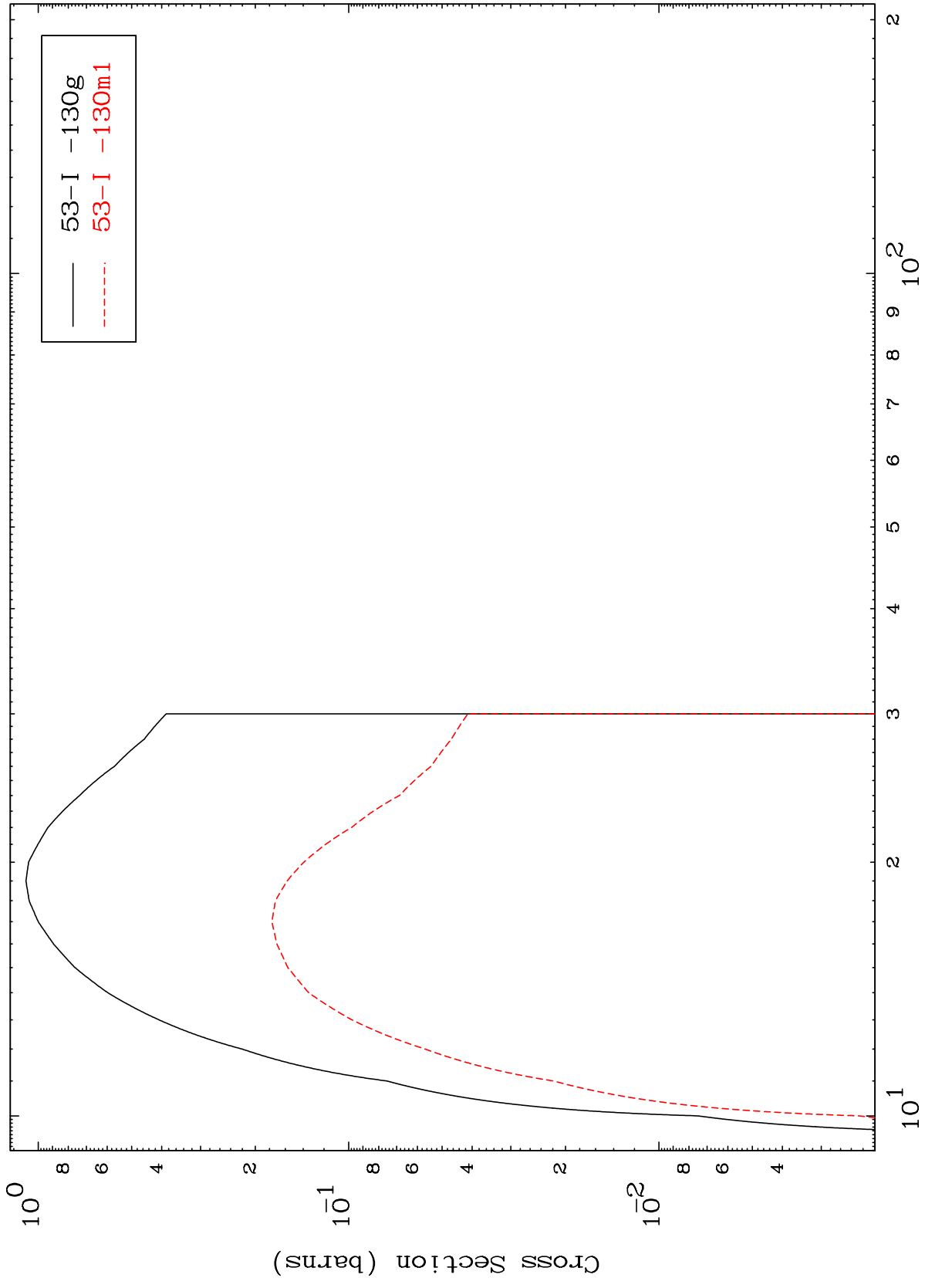
Incident Energy (MeV)

<sup>52</sup>Te-131

MAT 5258

52-Te-131

(d,3n)  
Radionuclide Production Cross Section



53-I -130g  
53-I -130m1

14

Incident Energy (MeV)

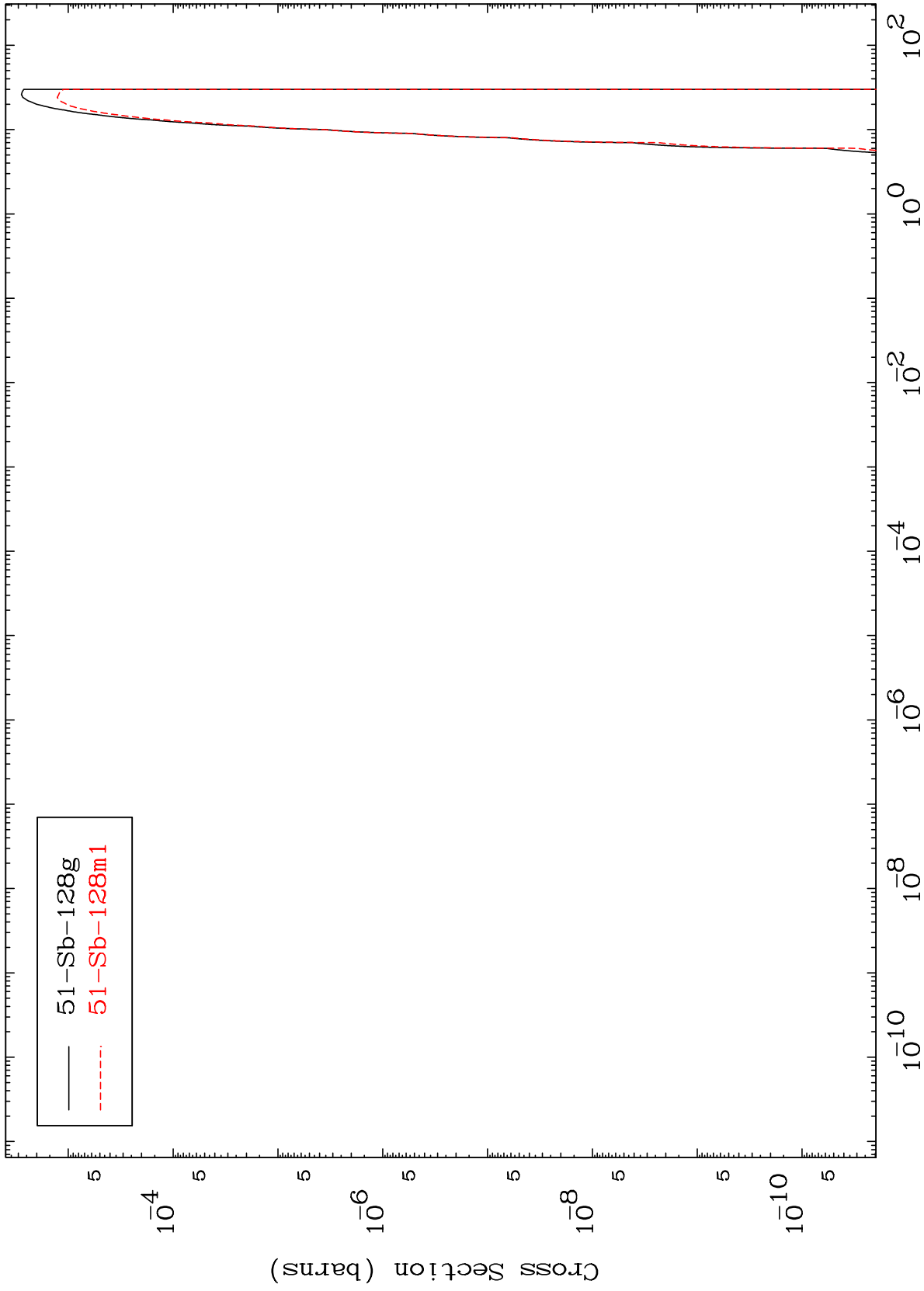
52-Te-131

MAT 5258

(d,n')  $\alpha$

52-Te-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

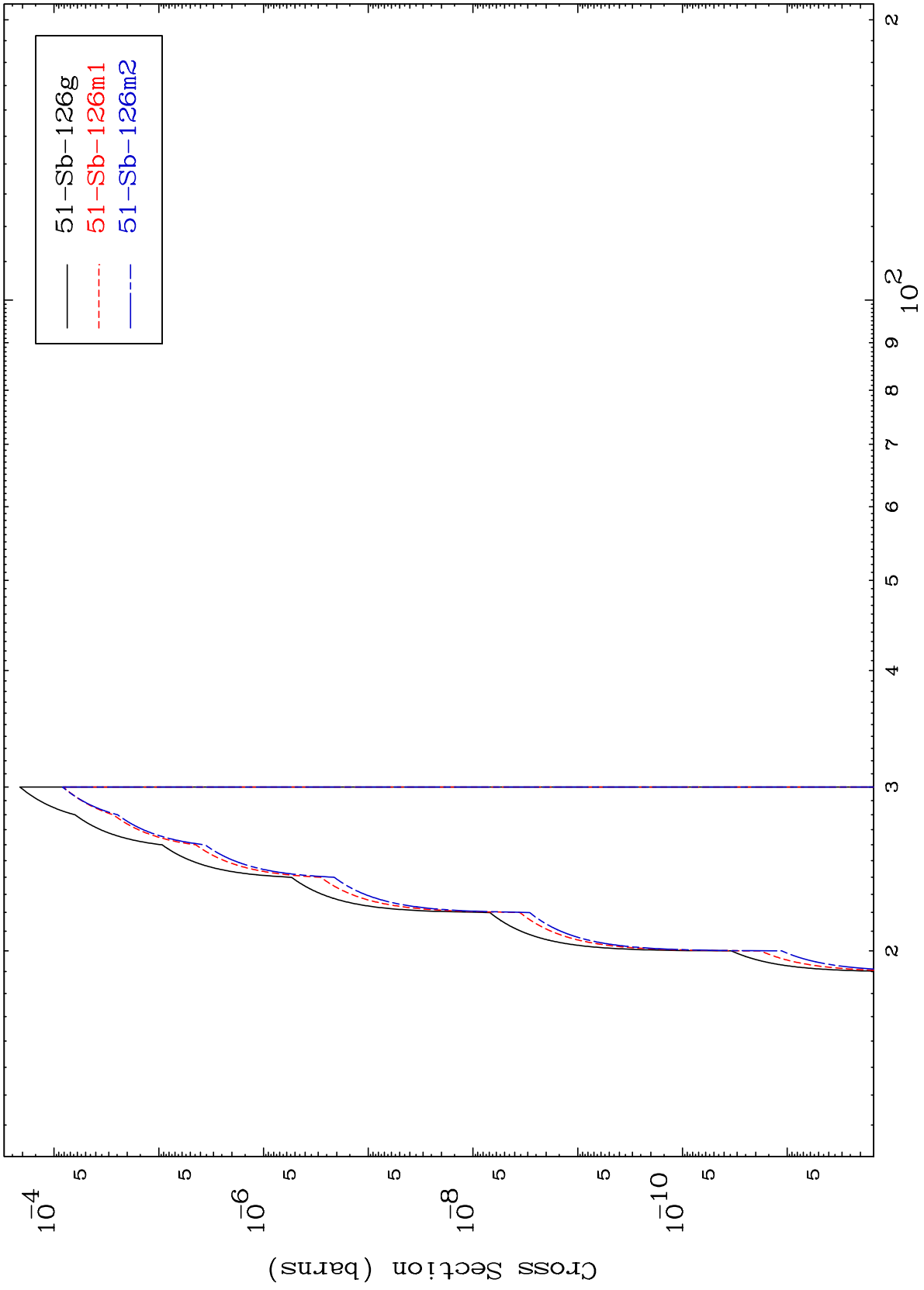
52-Te-131

MAT 5258

(d,3n)  $\alpha$

52-Te-131

Radionuclide Production Cross Section



16

Incident Energy (MeV)

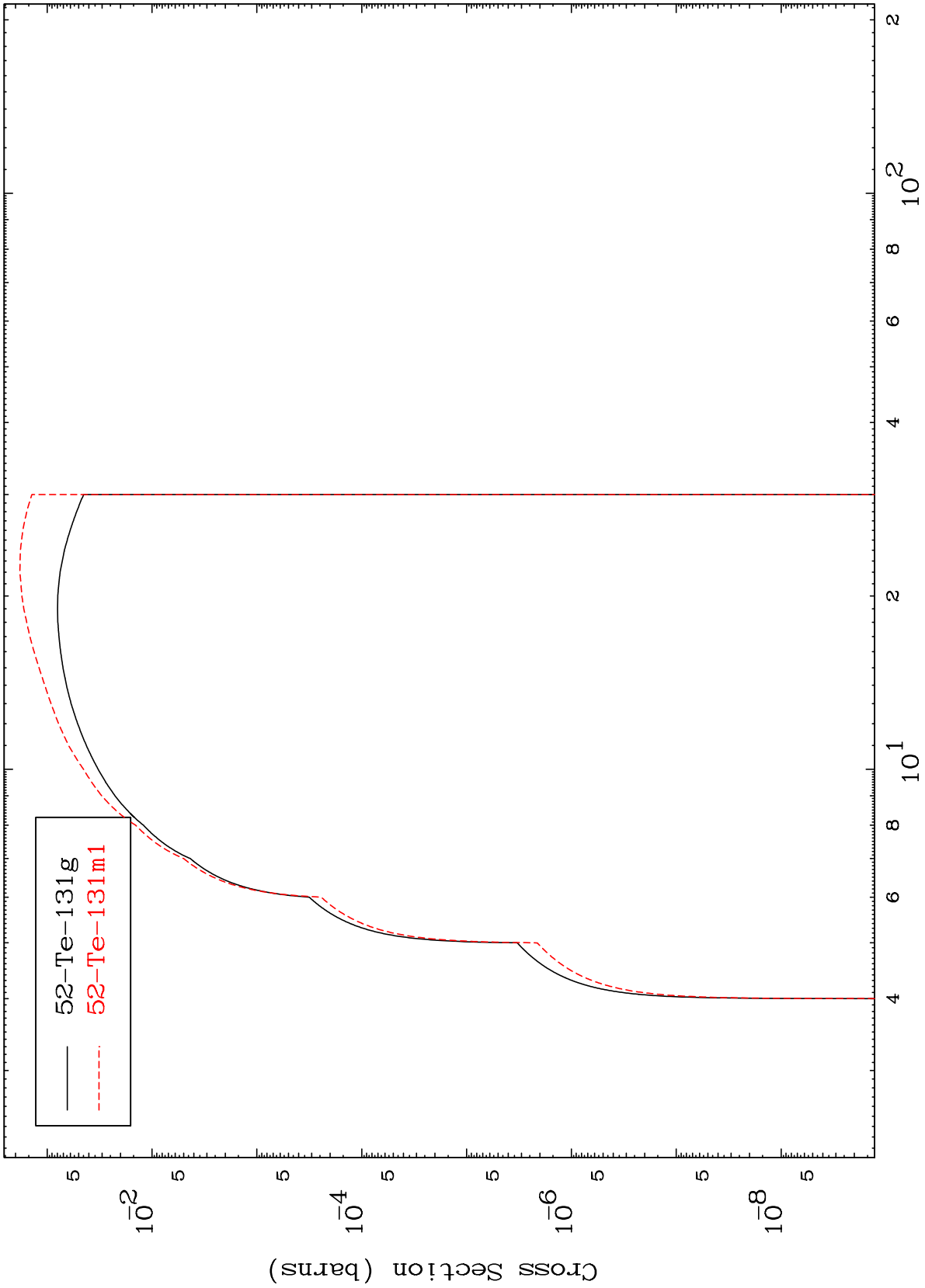
52-Te-131

MAT 5258

<sup>52</sup>Te-131

Radionuclide Production Cross Section

(d,n') p



17

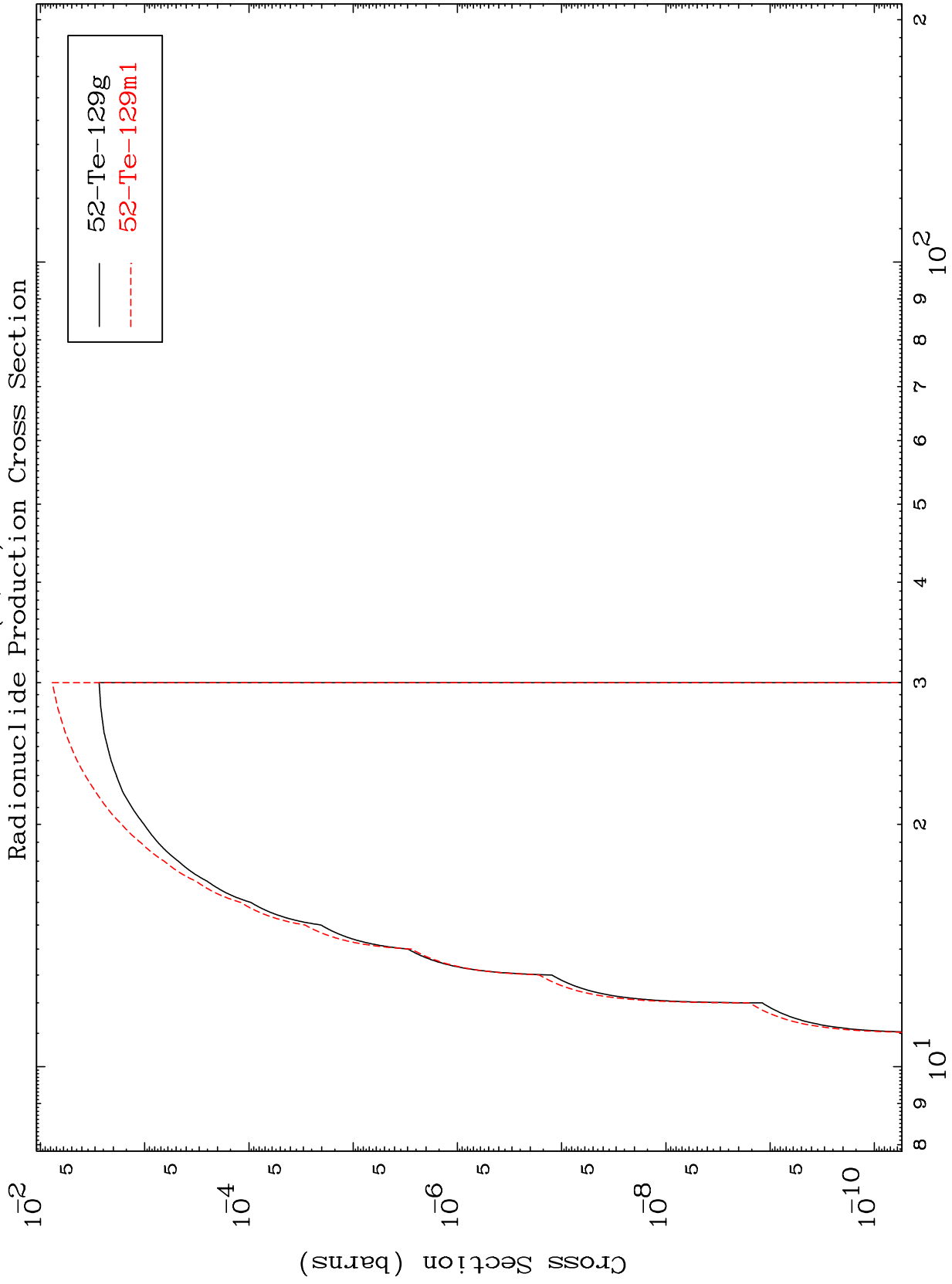
<sup>52</sup>Te-131

Incident Energy (MeV)

MAT 5258

(d,n') t

<sup>52</sup>Te-<sup>131</sup>



18

Incident Energy (MeV)

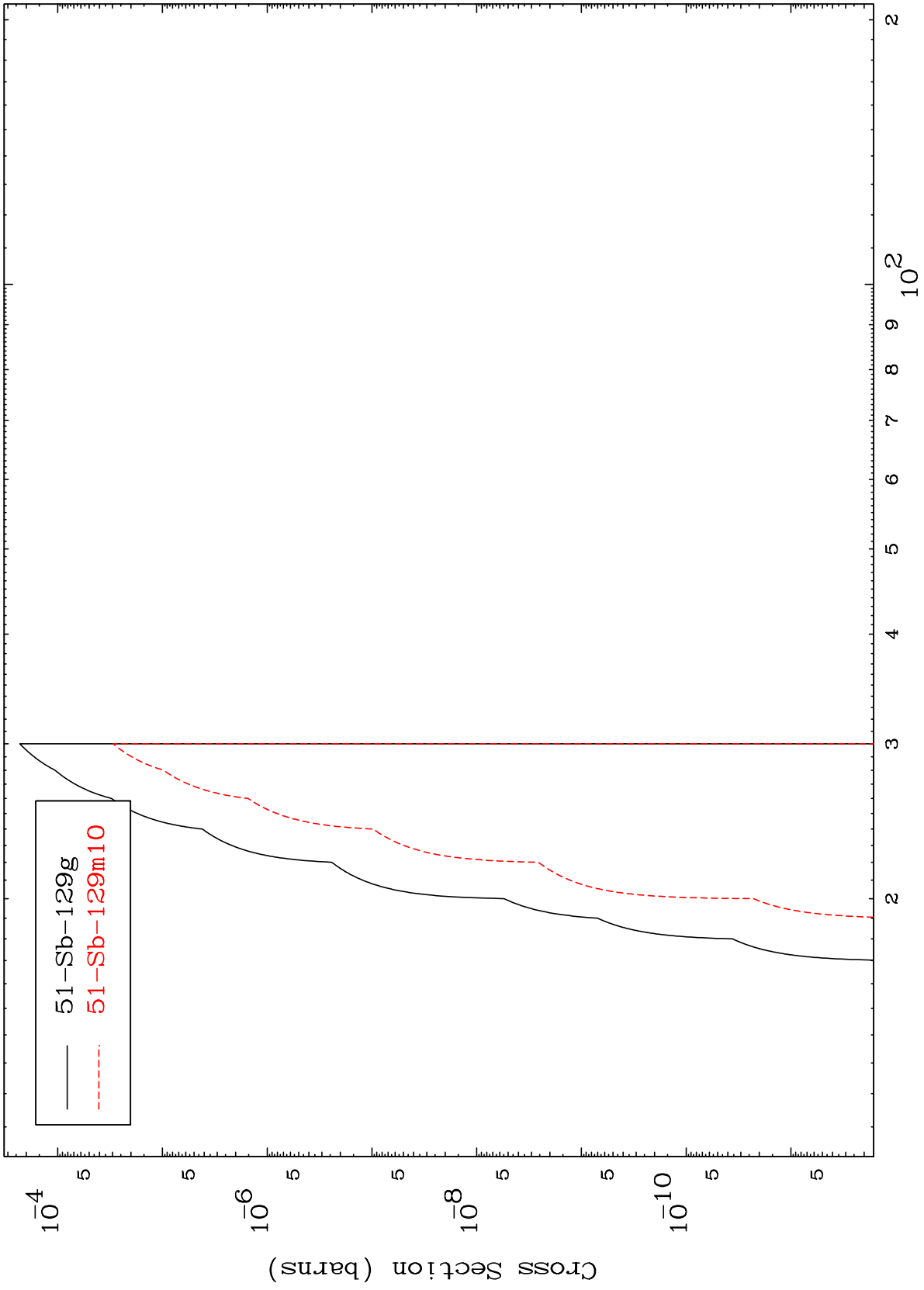
<sup>52</sup>Te-<sup>131</sup>

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(d,n') He-3

52-Te-131

Radionuclide Production Cross Section



19

Incident Energy (MeV)

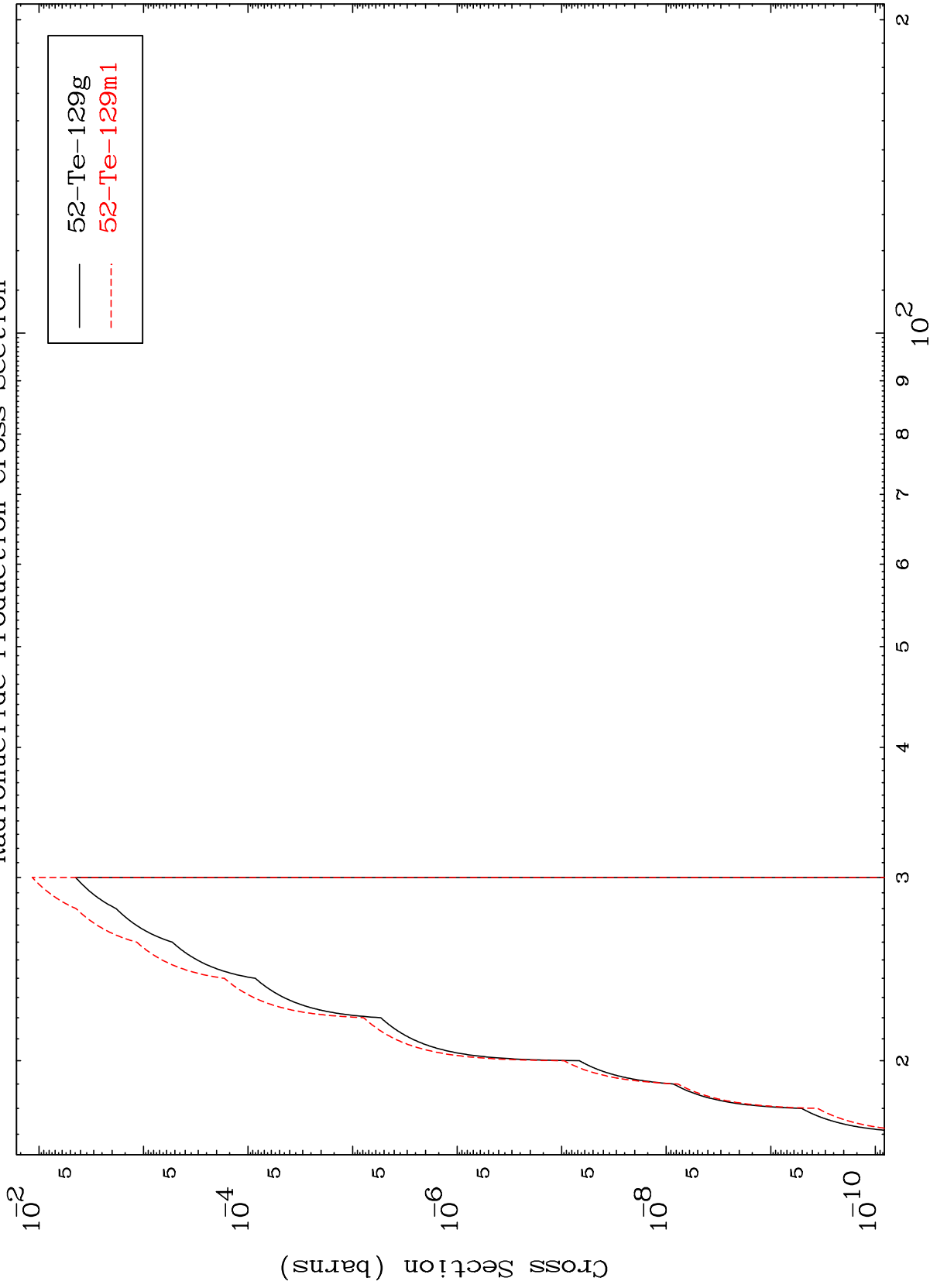
52-Te-131

MAT 5258

(d,3n) p

<sup>52</sup>Te-131

Radionuclide Production Cross Section



20

Incident Energy (MeV)

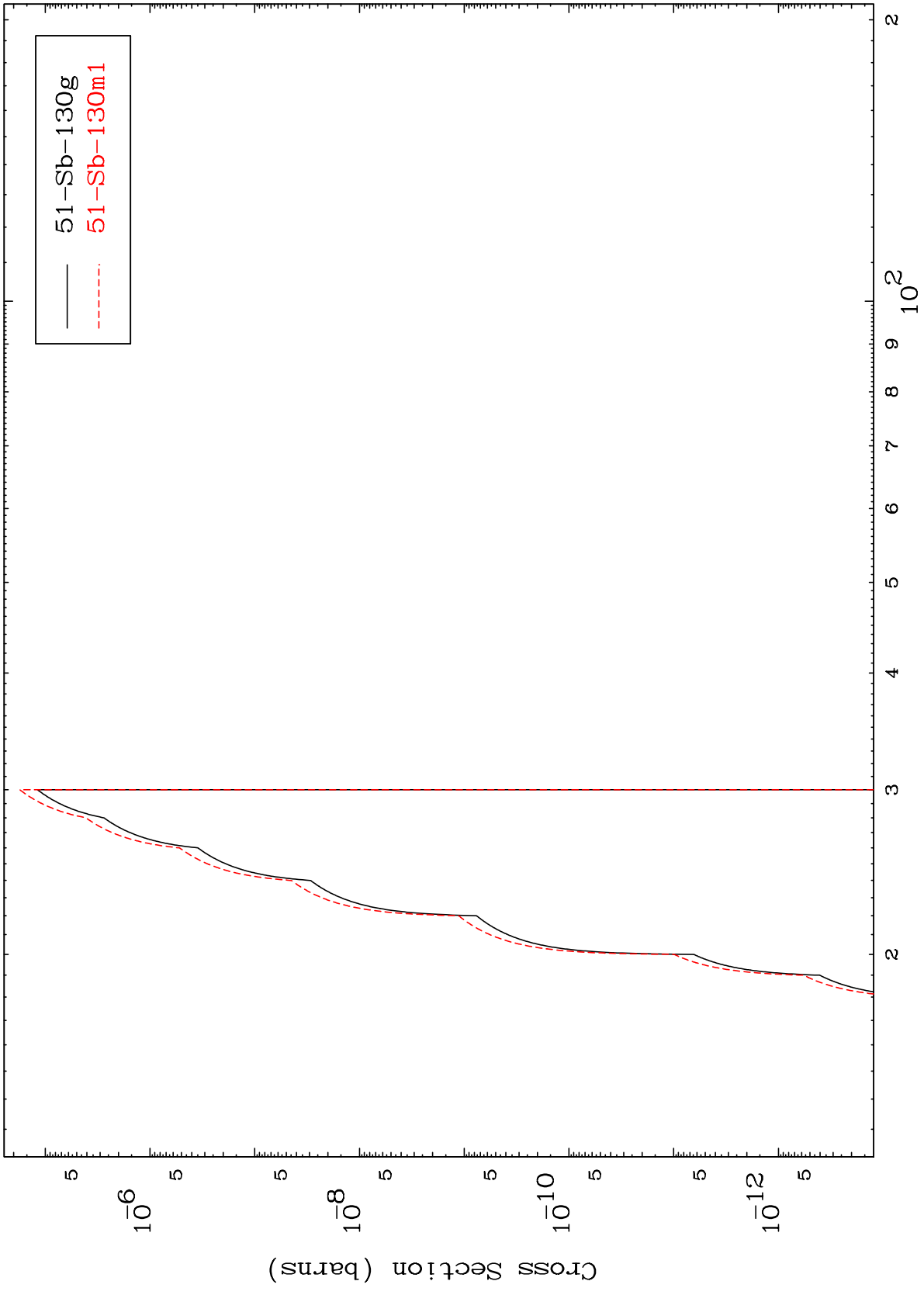
<sup>52</sup>Te-131

MAT 5258

(d,2n) p

<sup>52</sup>Te-131

Radionuclide Production Cross Section



21

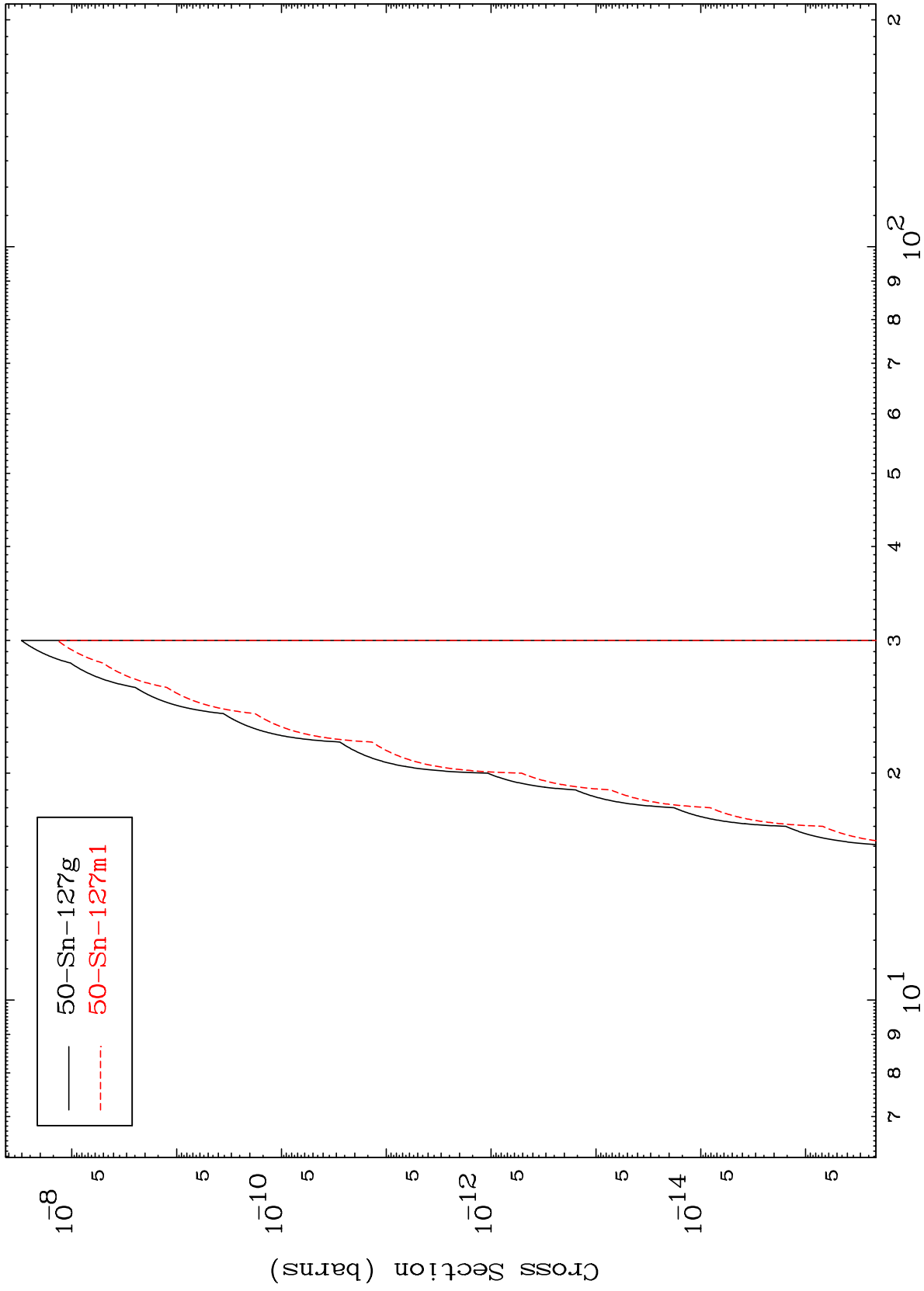
Incident Energy (MeV)

<sup>52</sup>Te-131

MAT 5258

52-Te-131

(d,n') p  $\alpha$   
Radionuclide Production Cross Section



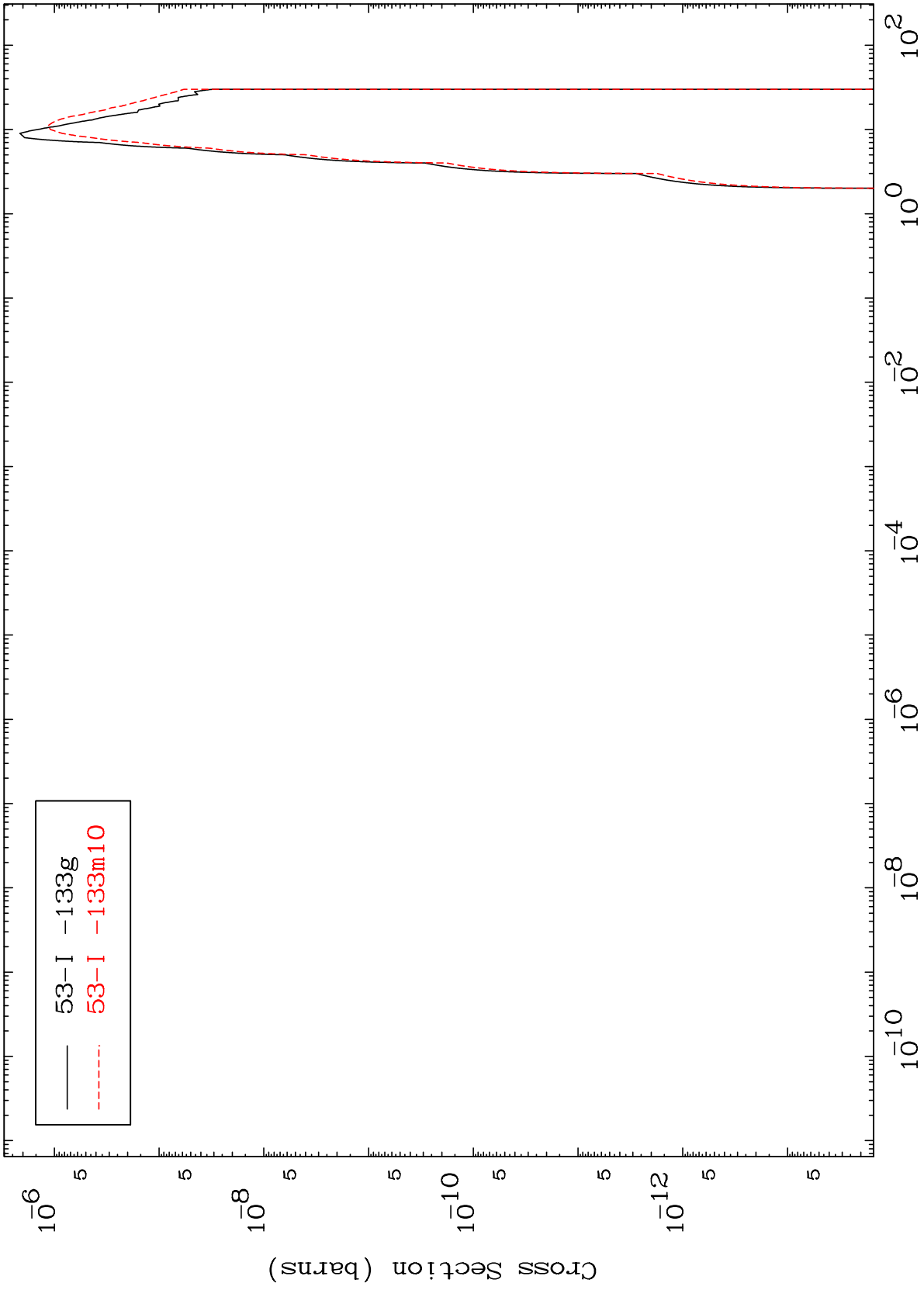
22

52-Te-131

MAT 5258

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

<sup>52</sup>Te-131



23

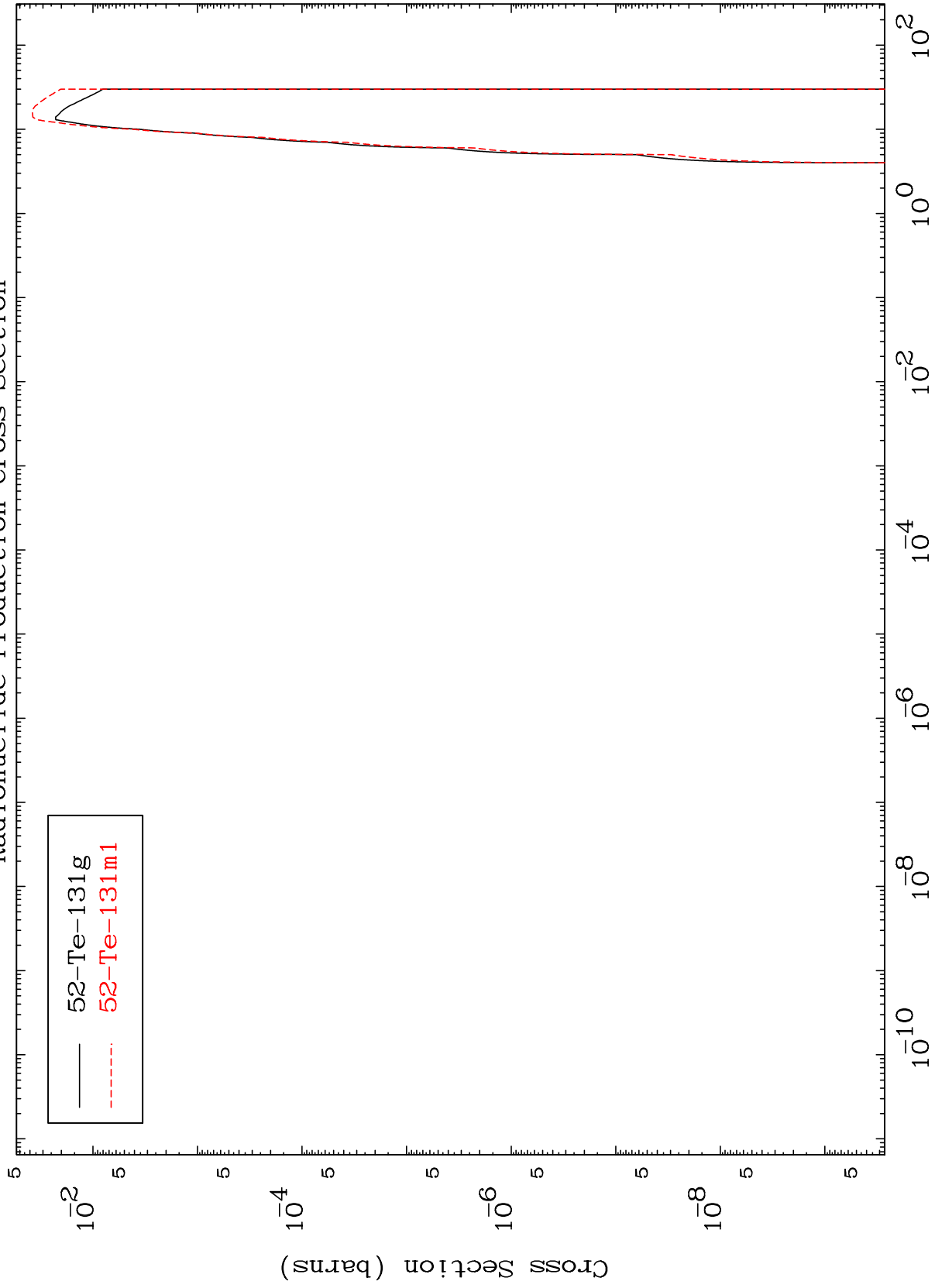
<sup>52</sup>Te-131

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(d,d)

<sup>52</sup>Te-131

Radionuclide Production Cross Section



24

Incident Energy (MeV)

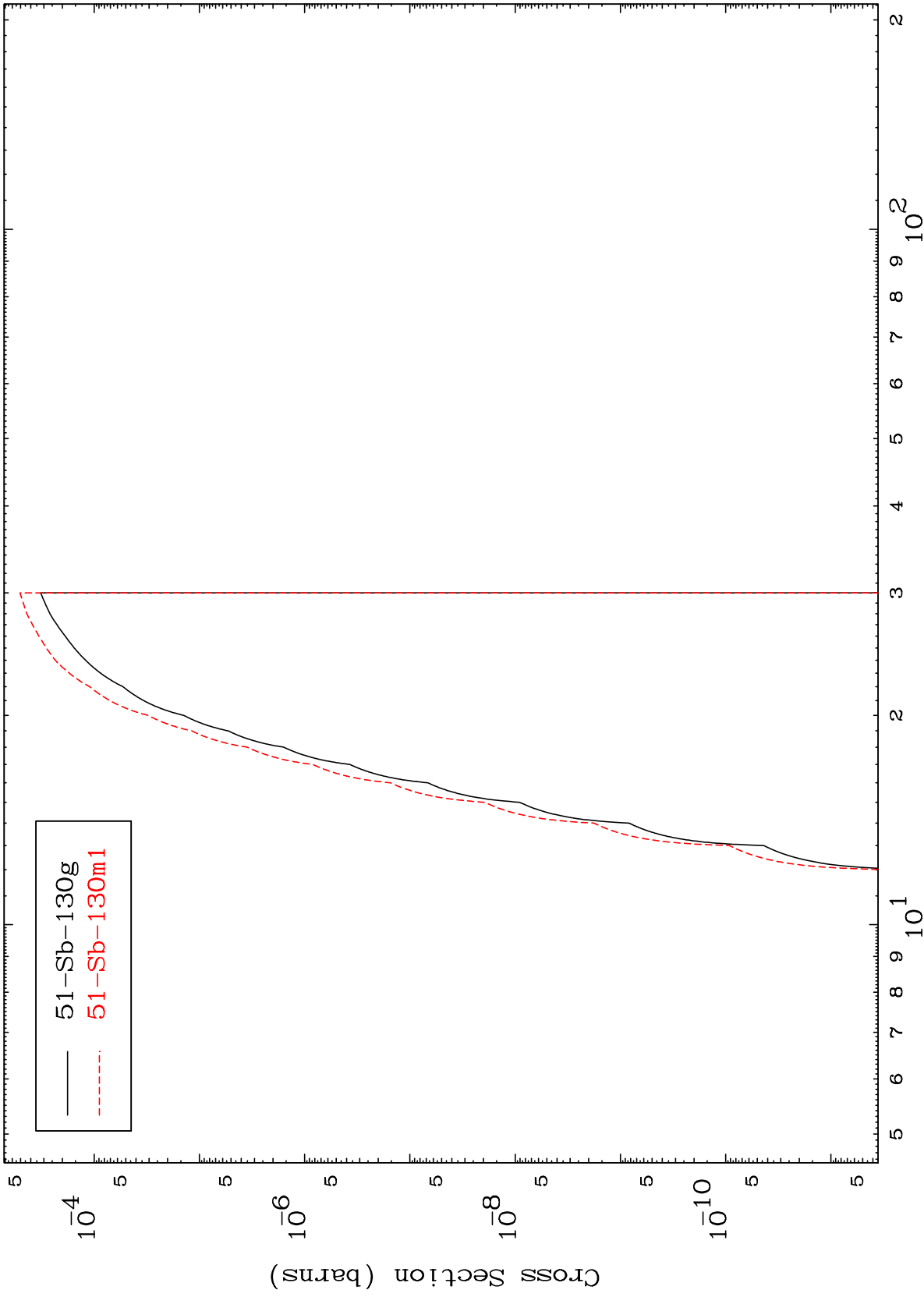
<sup>52</sup>Te-131

MAT 5258

(d, He-3)

52-Te-131

Radionuclide Production Cross Section



25

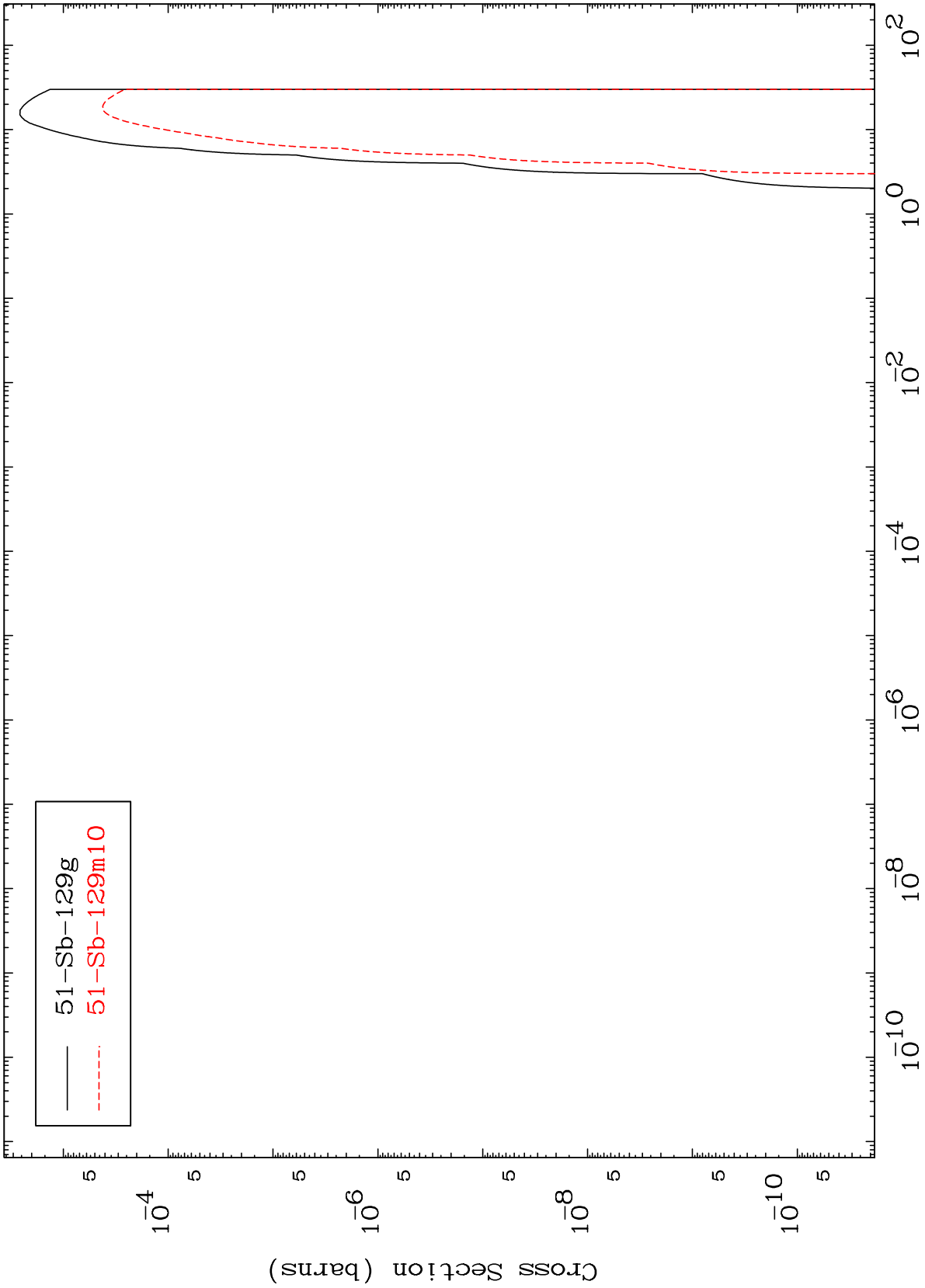
Incident Energy (MeV)

52-Te-131

MAT 5258

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

<sup>52</sup>Te-131



26

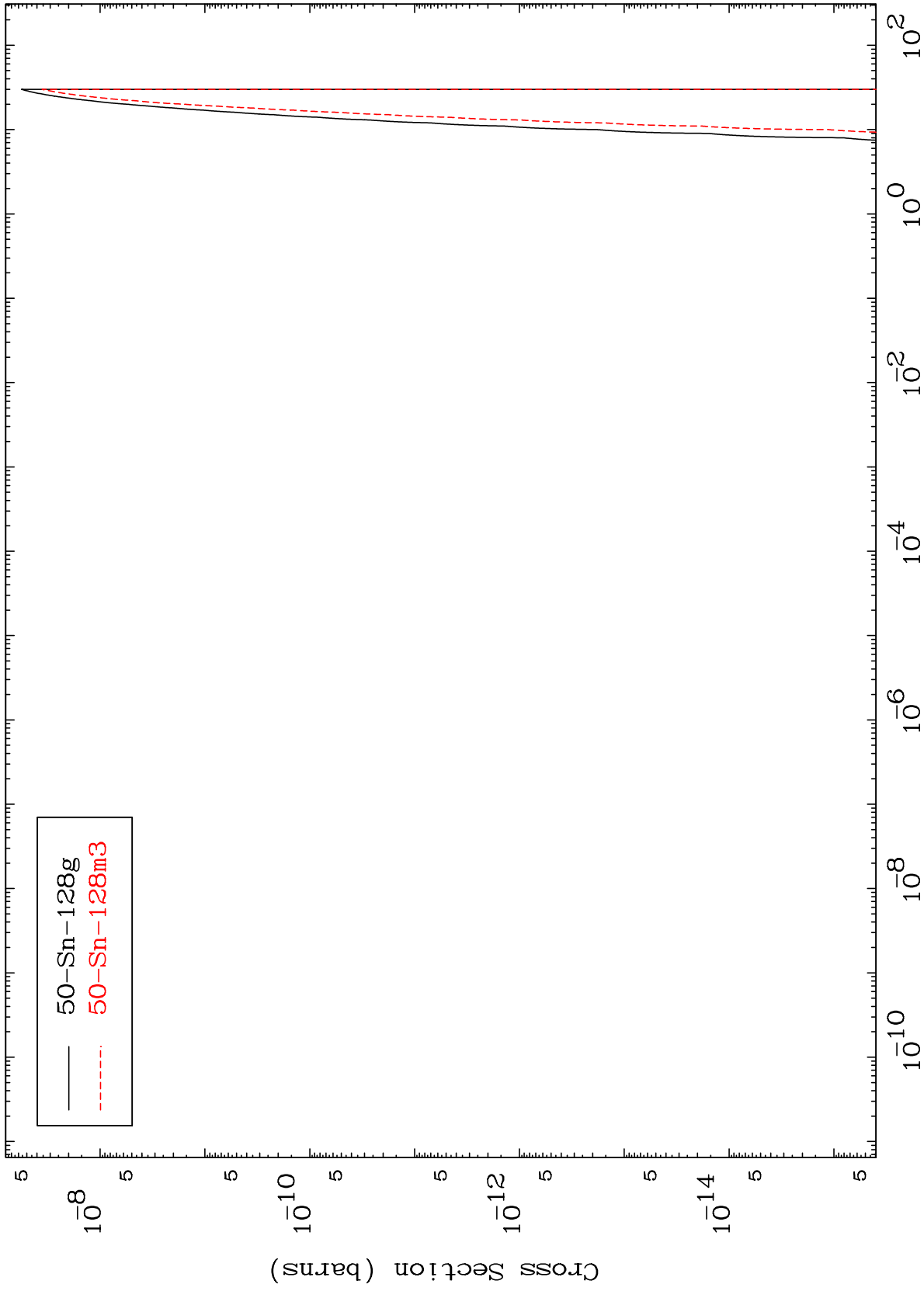
<sup>52</sup>Te-131

MAT 5258

(d,p)  $\alpha$

52-Te-131

Radionuclide Production Cross Section



27

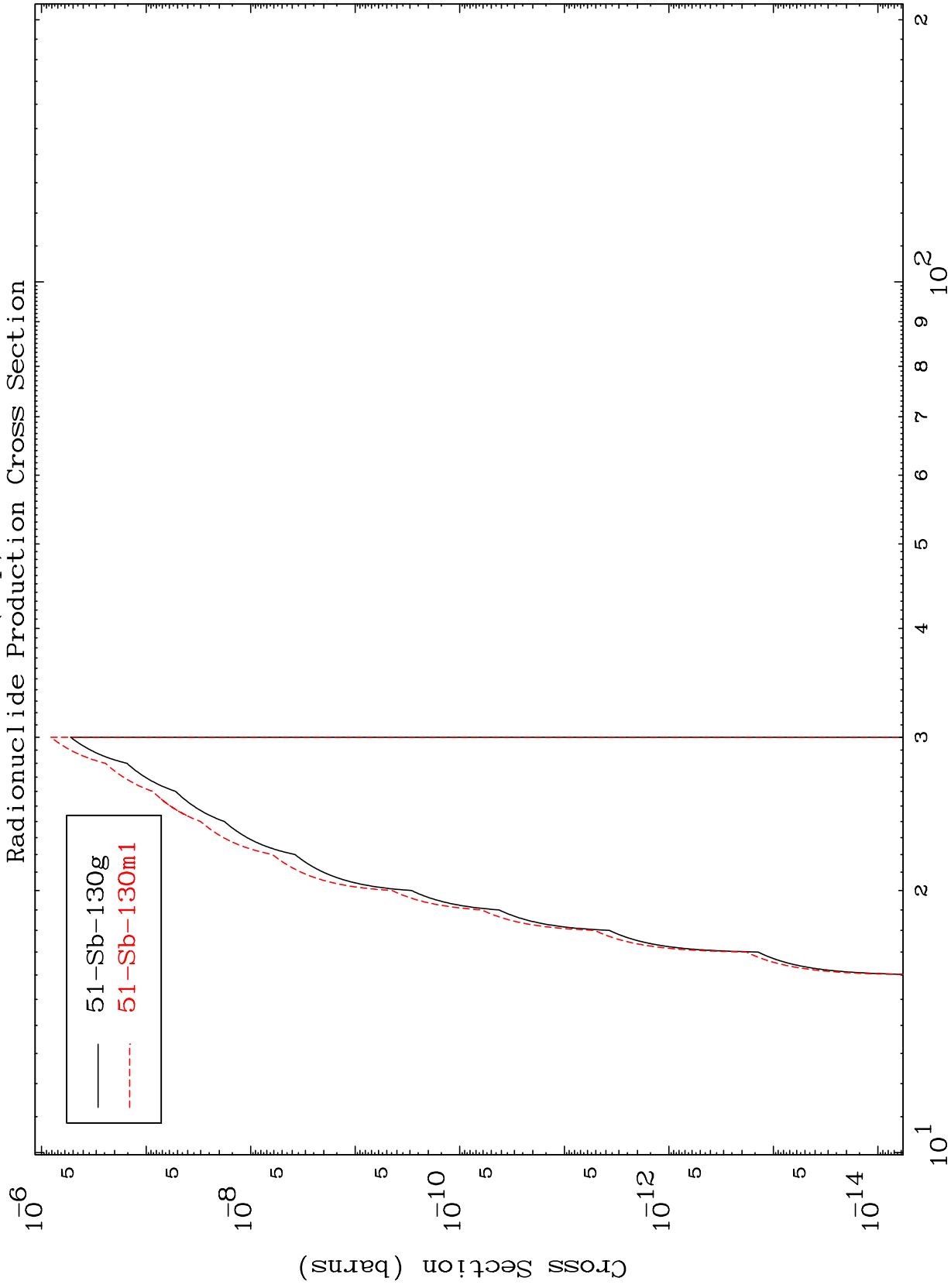
Incident Energy (MeV)

52-Te-131

MAT 5258

(d,p) d

52-Te-131



28

Incident Energy (MeV)

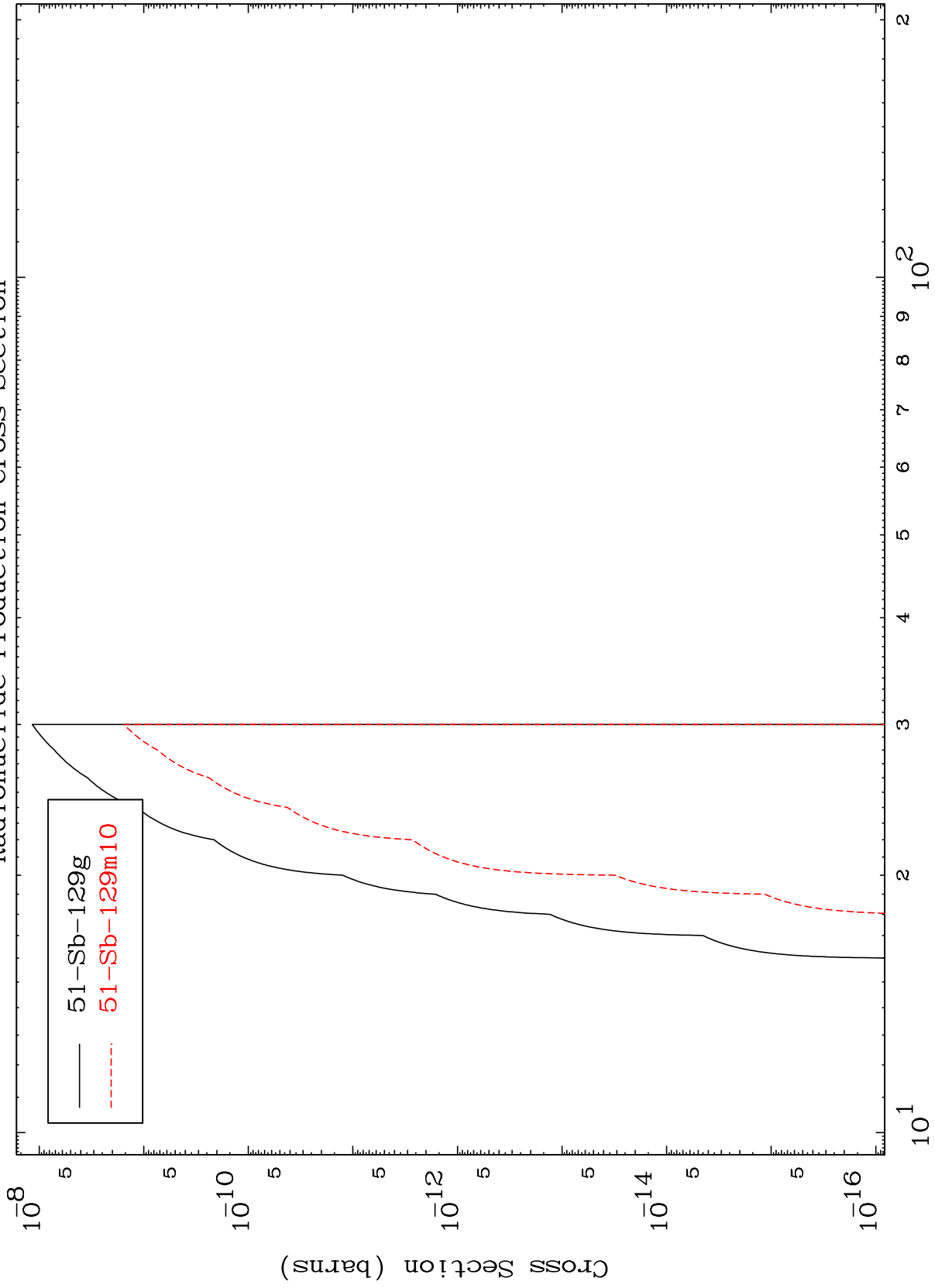
52-Te-131

MAT 5258

(d,p) t

52-Te-131

Radionuclide Production Cross Section



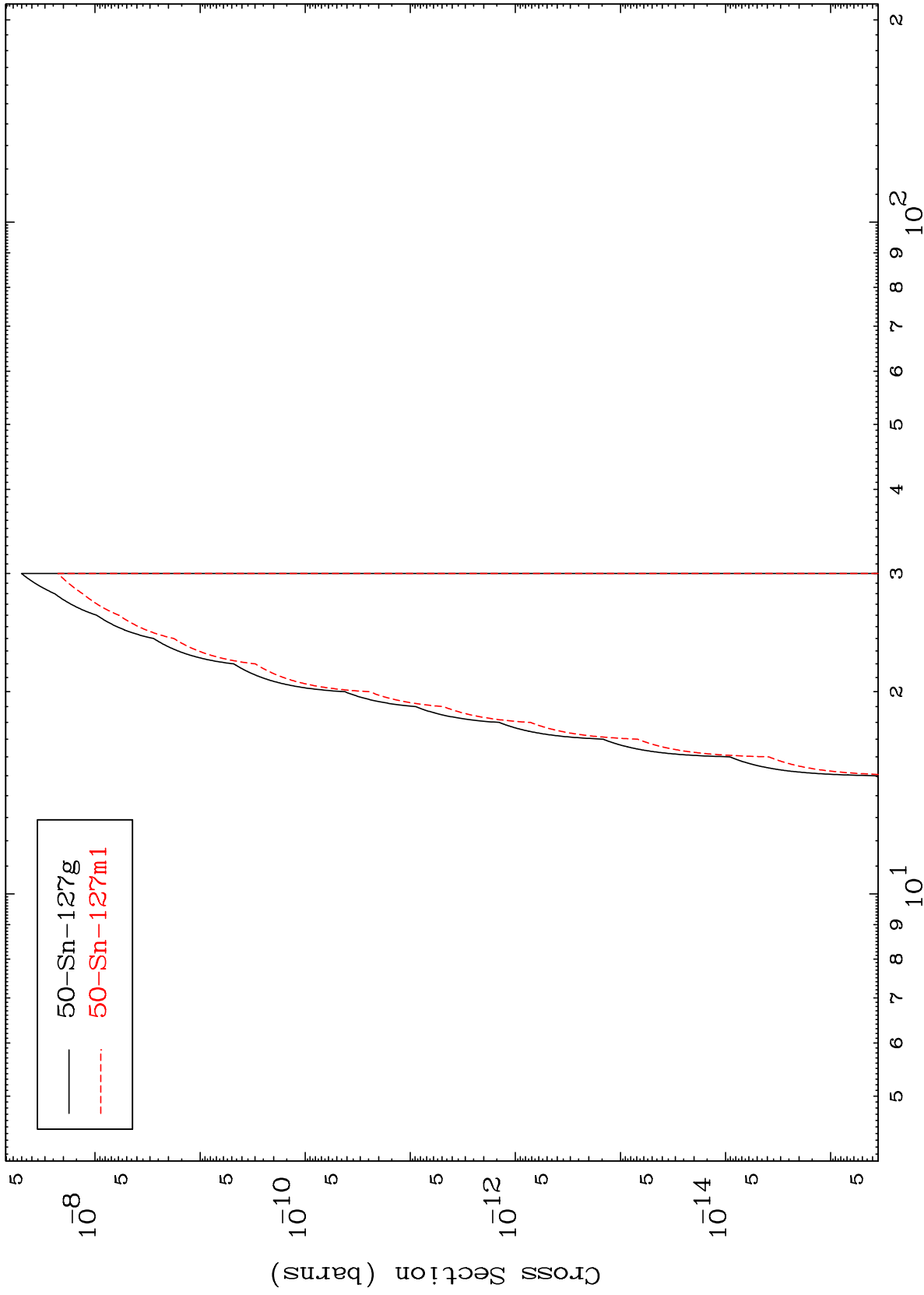
29

MAT 5258

(d,d)  $\alpha$

52-Te-131

Radionuclide Production Cross Section



50-Sn-127g  
50-Sn-127m1

30

Incident Energy (MeV)

52-Te-131