

Program EVALPLOT  
(Version 2018-1)

by

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(Present Contact Information)

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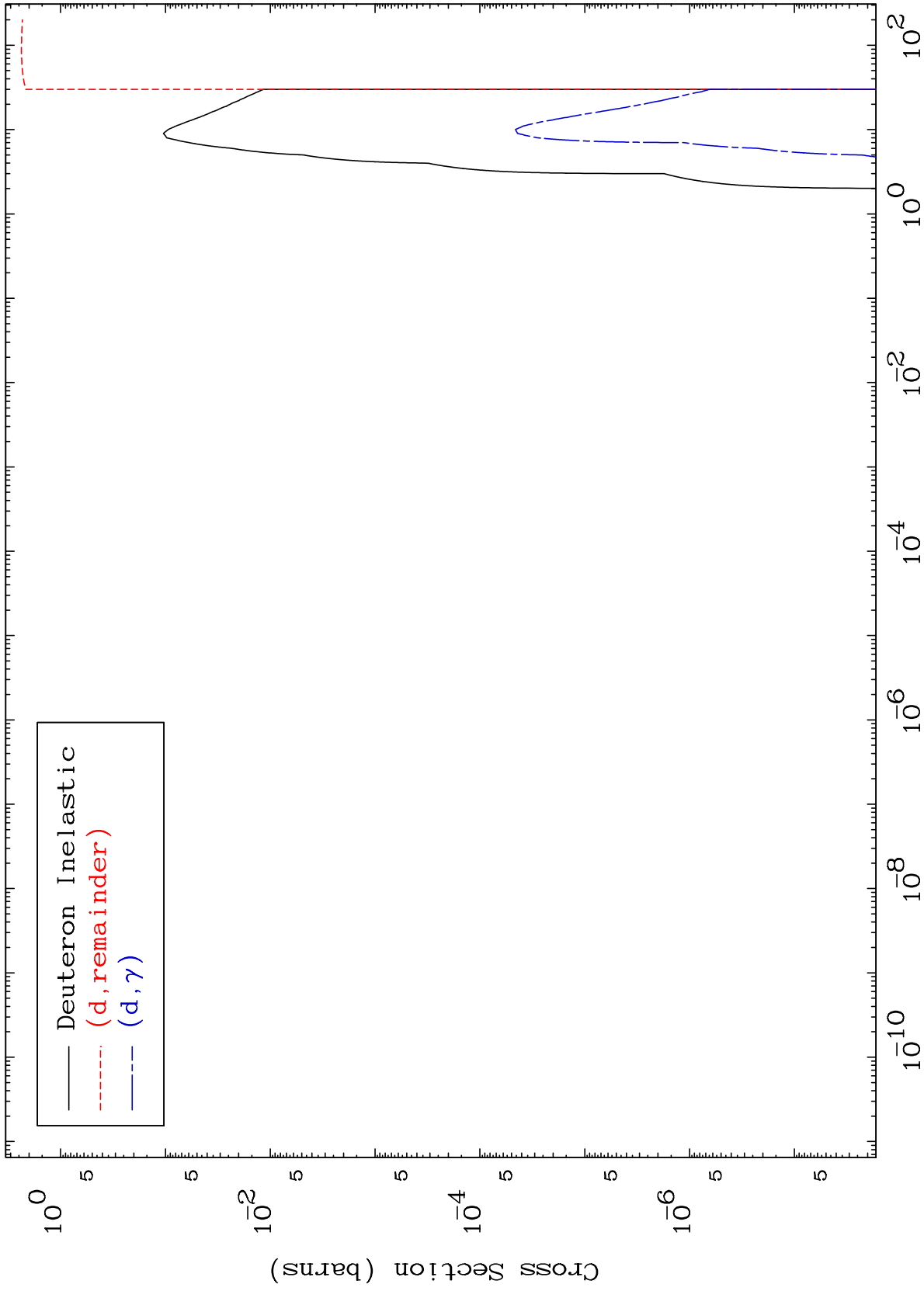
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5235

Deuteron Major  
0 Kelvin Cross Sections

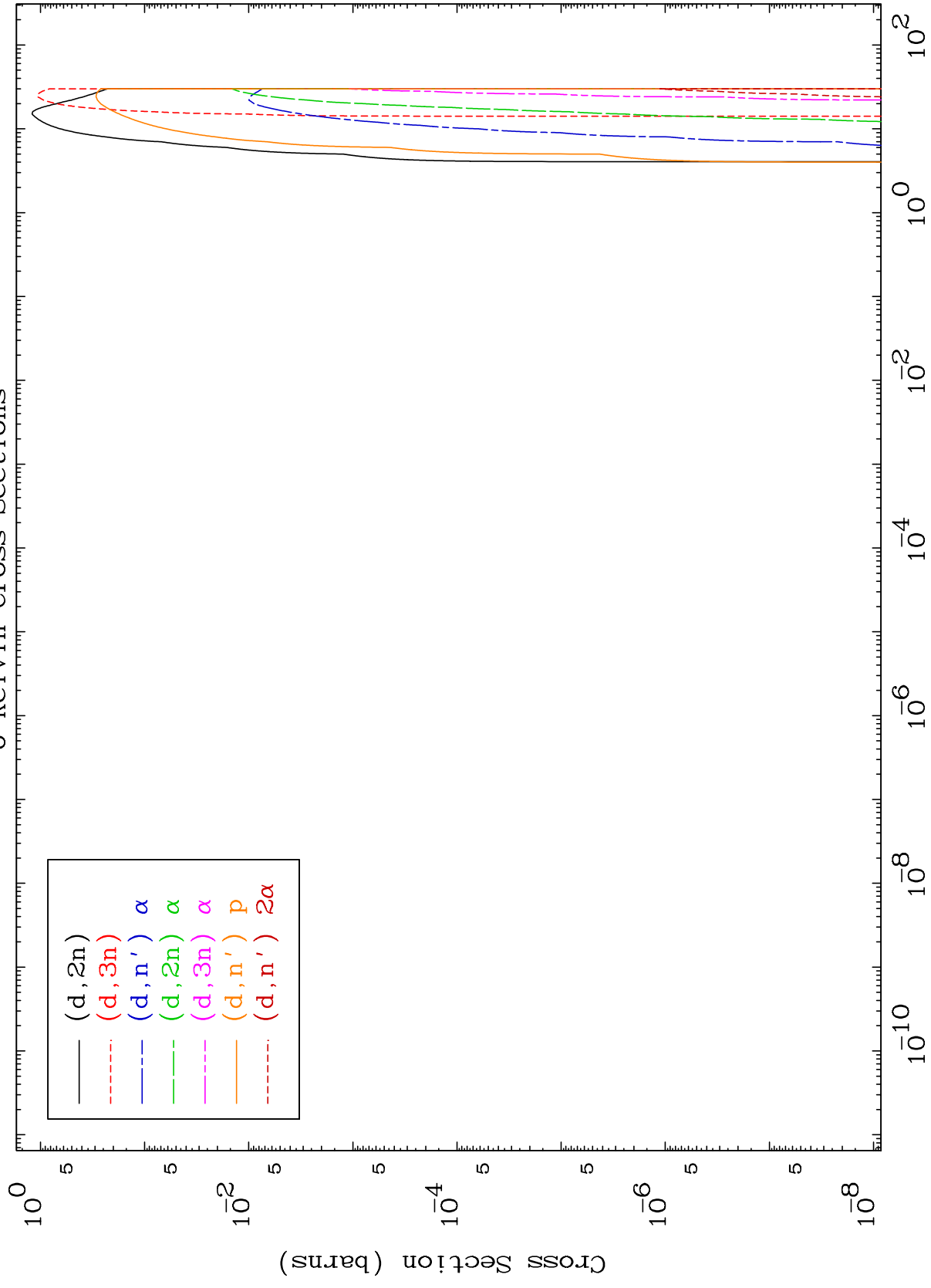
52-Te-123

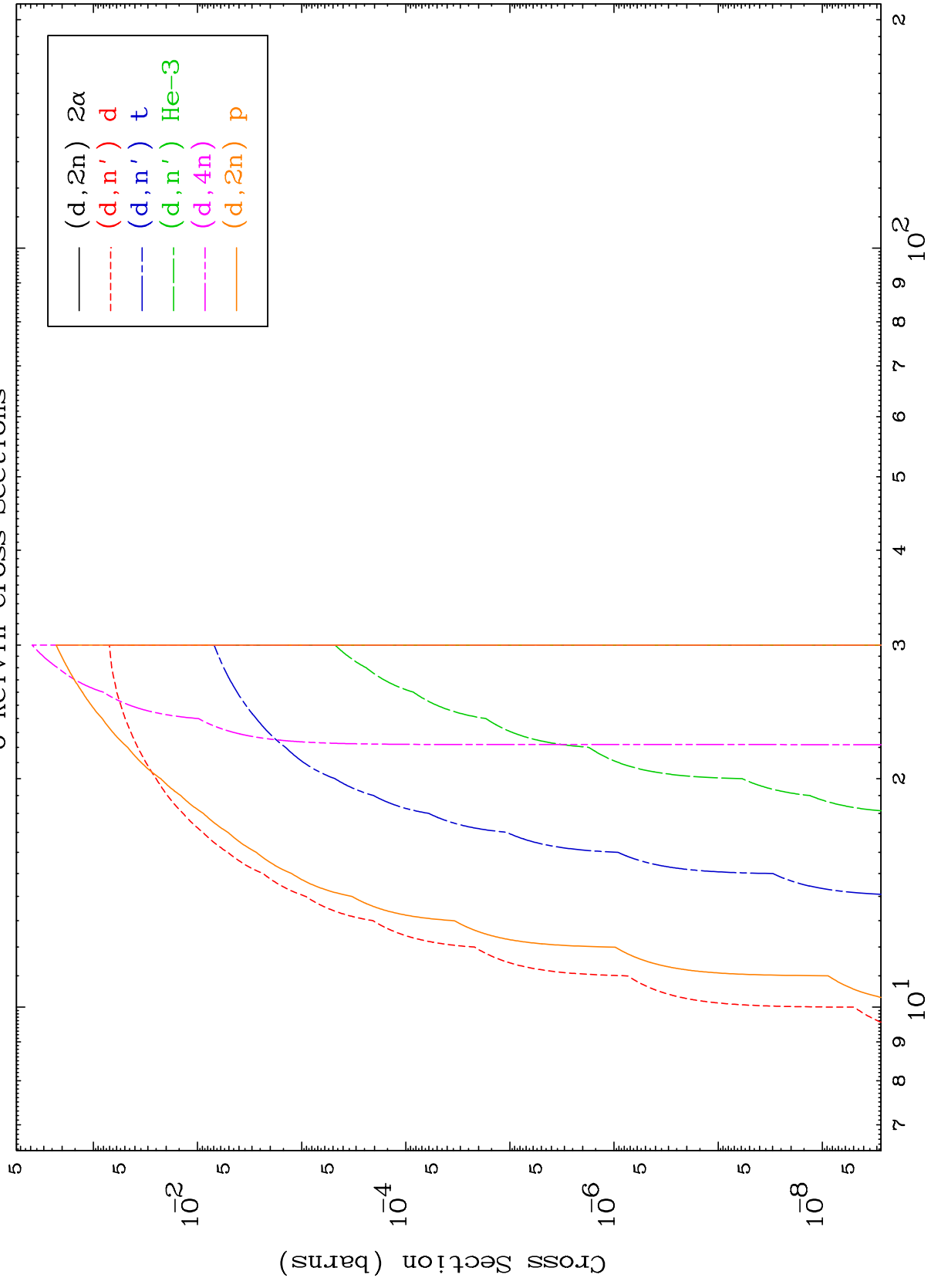


MAT 5235

Deuteron Neutron Production  
0 Kelvin Cross Sections

52-Te-123

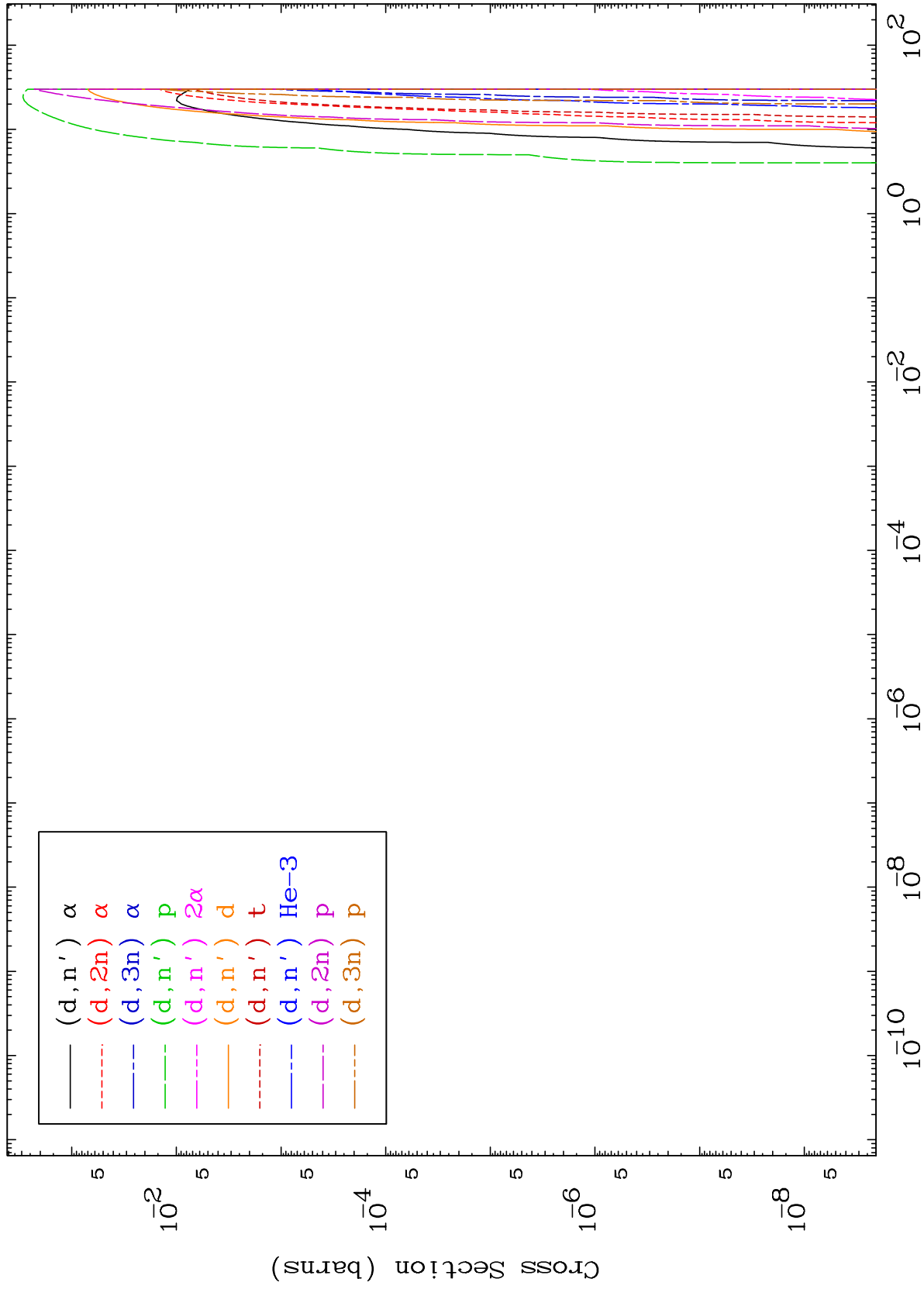




MAT 5235

Deuteron Charged Particle  
0 Kelvin Cross Sections

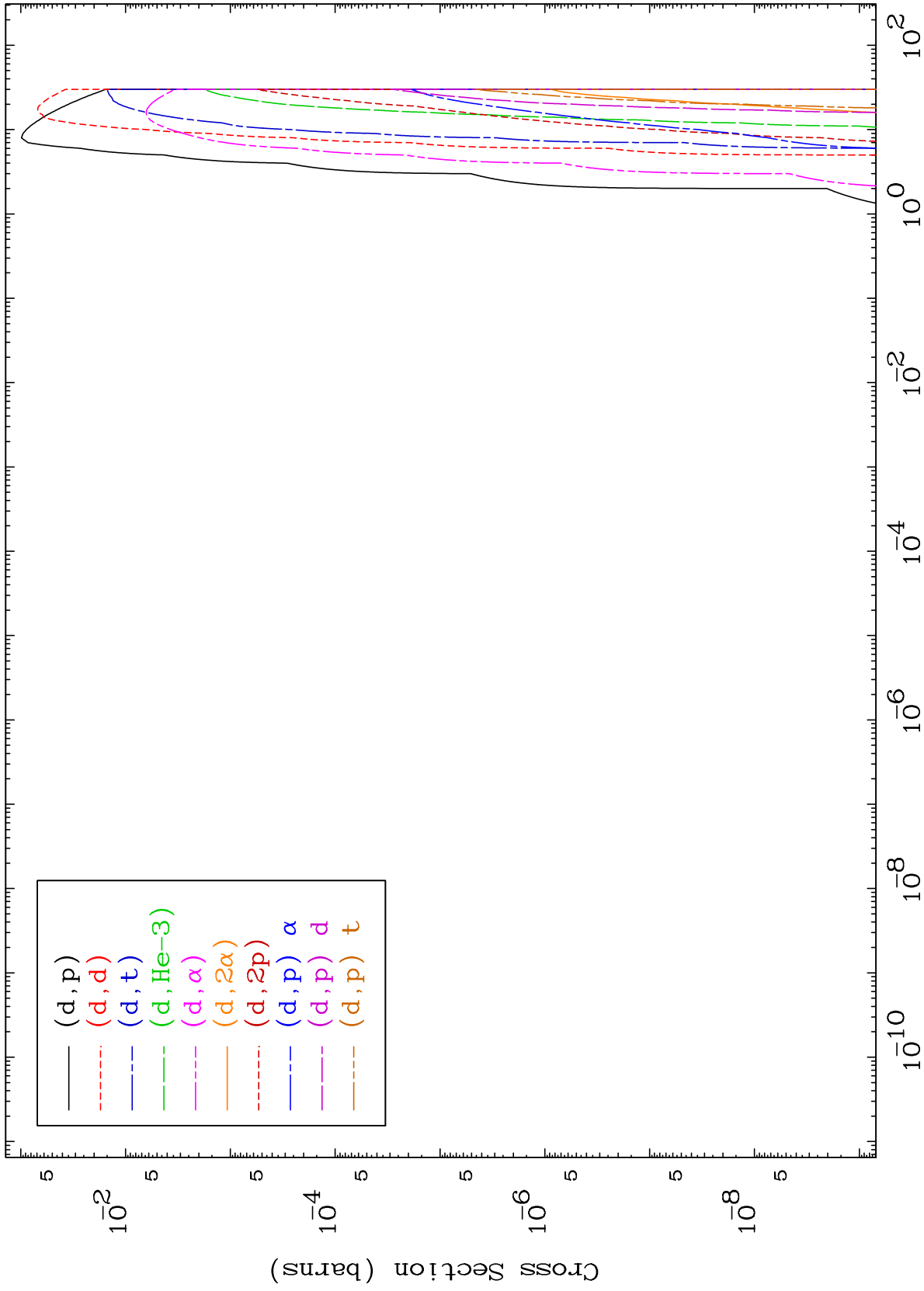
52-Te-123



MAT 5235

Deuteron Charged Particle  
0 Kelvin Cross Sections

52-Te-123



5

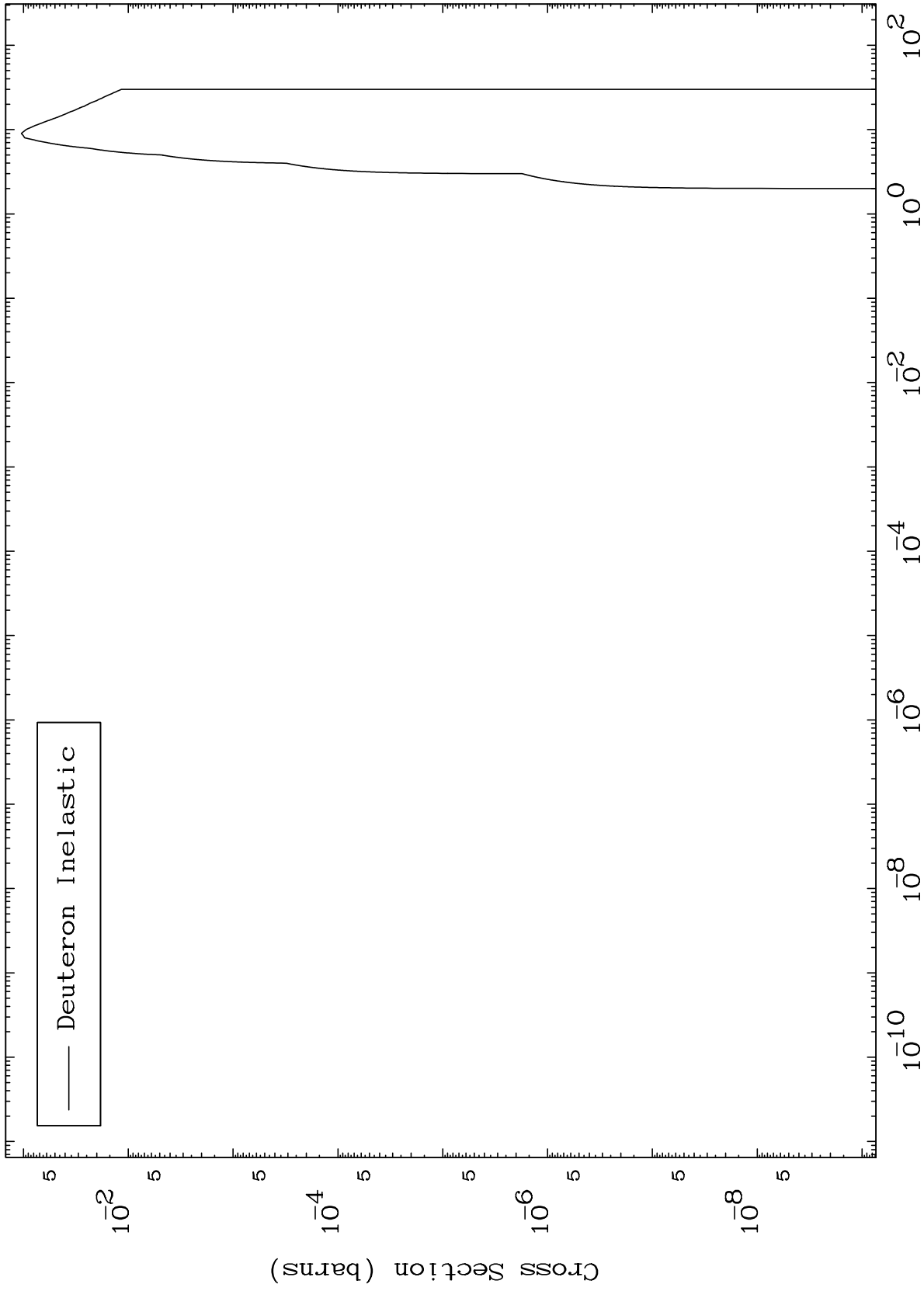
Incident Energy (MeV)

52-Te-123

MAT 5235

(d,n') Level  
0 Kelvin Cross Sections

52-Te-123



6

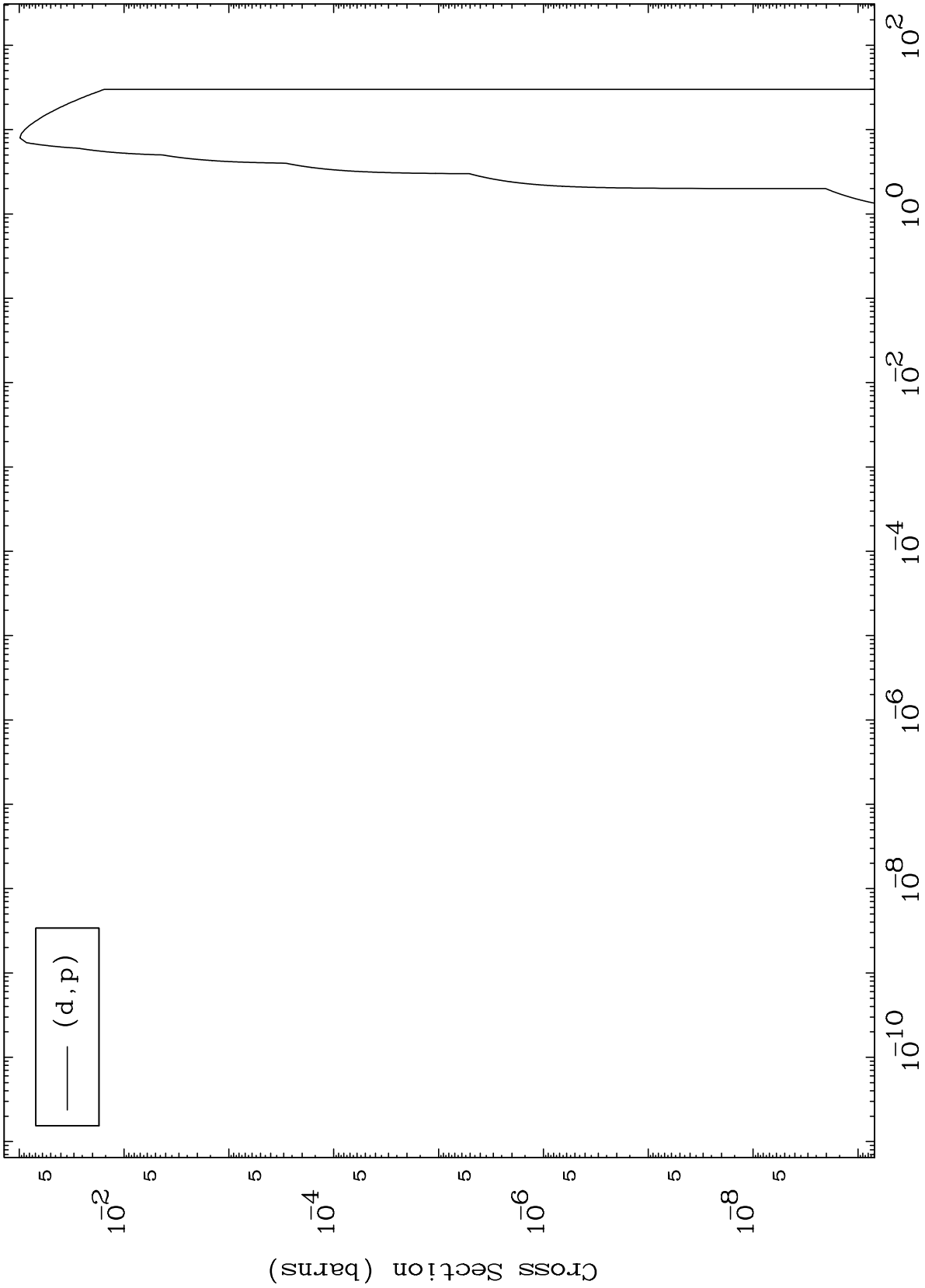
Incident Energy (MeV)

52-Te-123

MAT 5235

(d,p) Levels  
0 Kelvin Cross Sections

52-Te-123

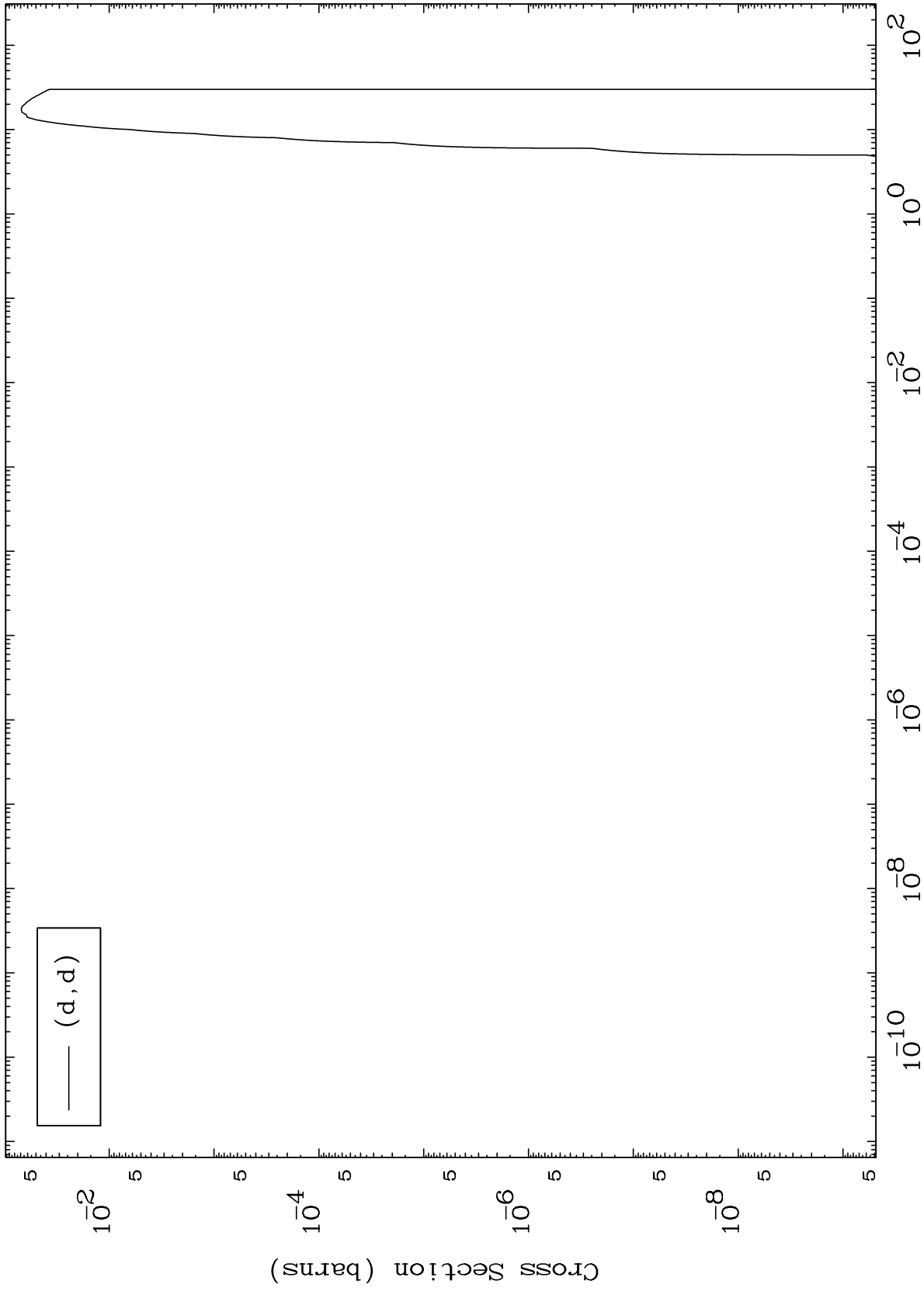


52-Te-123

MAT 5235

(d,d) Levels  
0 Kelvin Cross Sections

52-Te-123



8

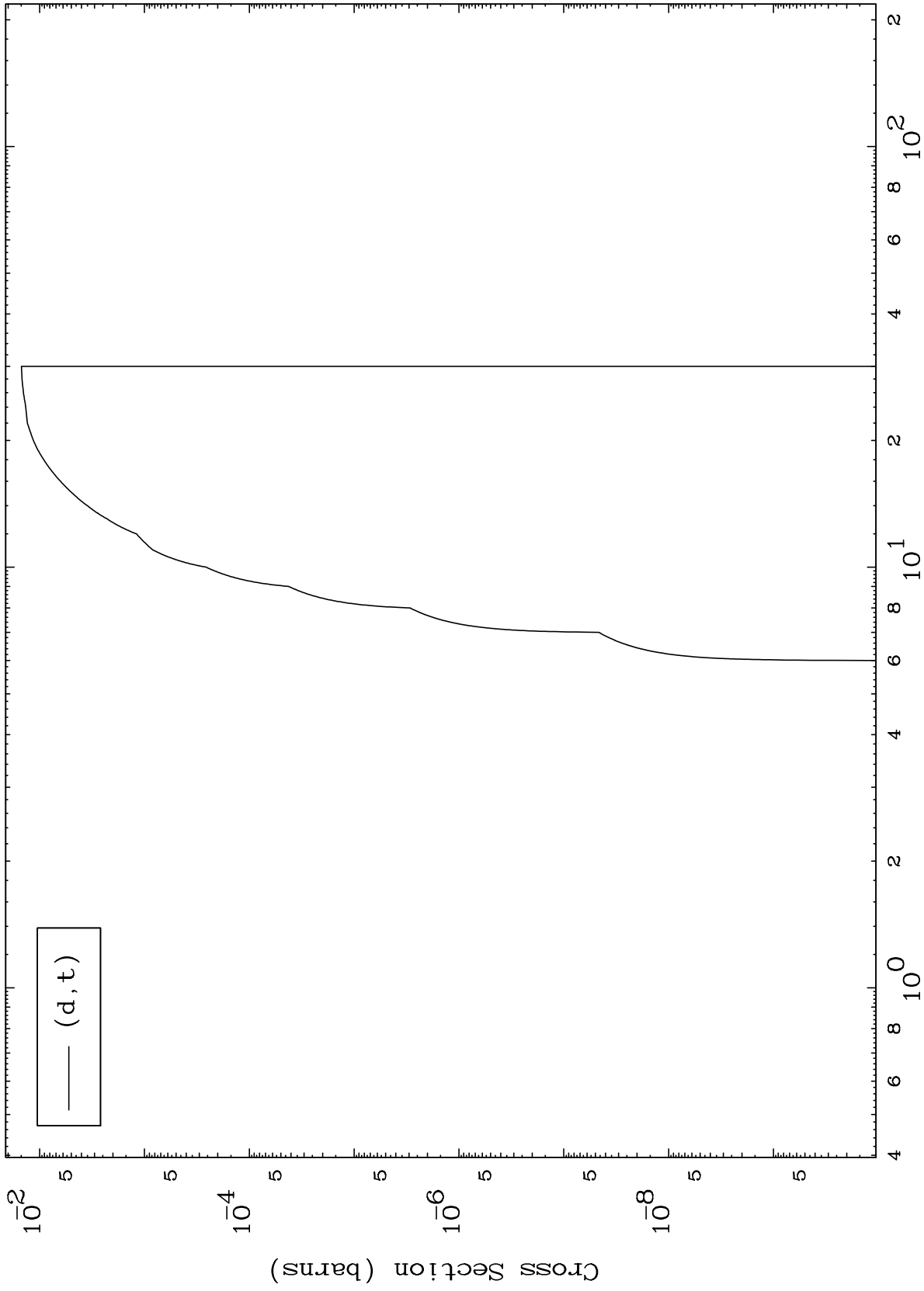
Incident Energy (MeV)

52-Te-123

MAT 5235

(d,t) Levels  
0 Kelvin Cross Sections

52-Te-123



9

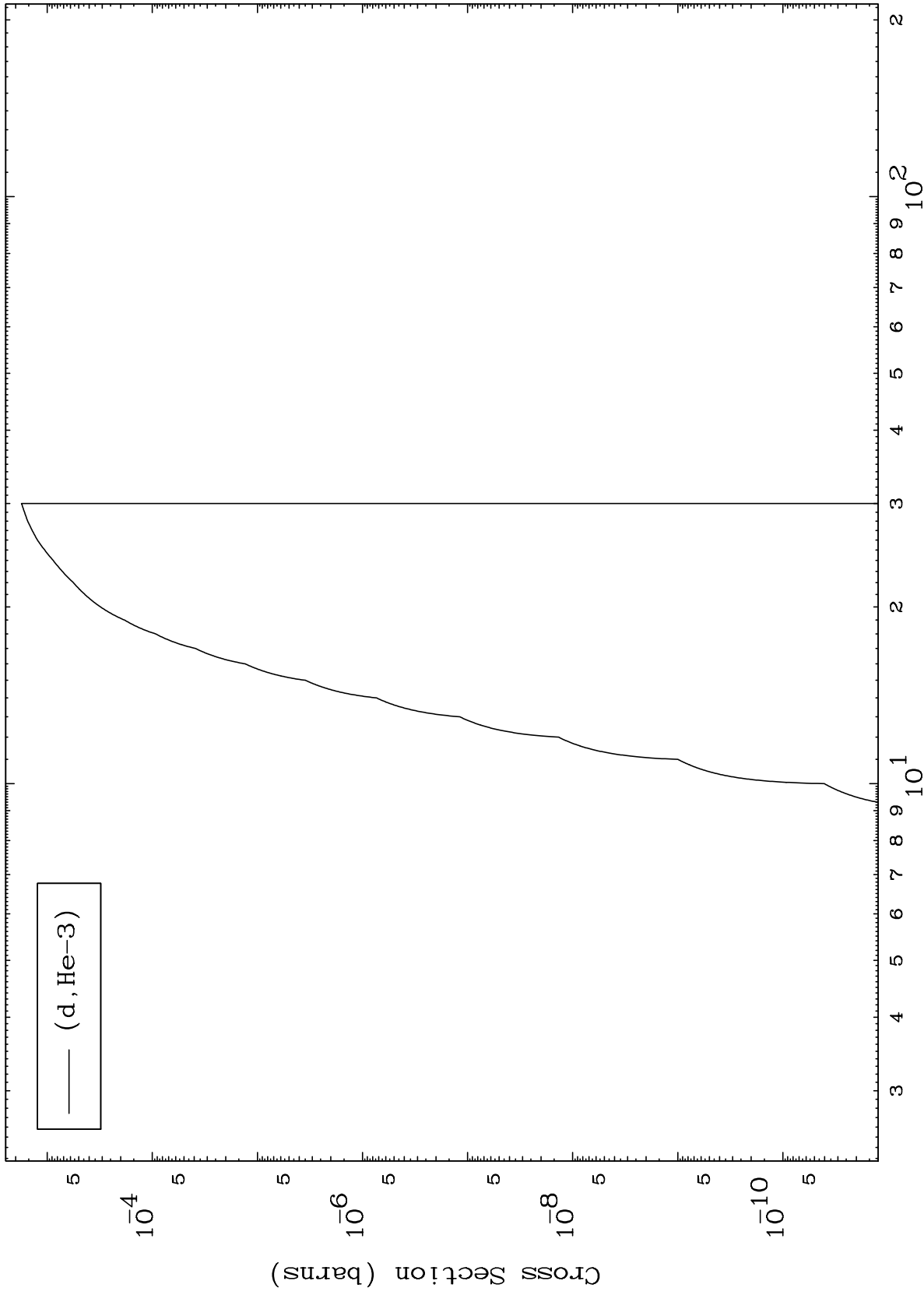
Incident Energy (MeV)

52-Te-123

MAT 5235

(d,He3) Levels  
0 Kelvin Cross Sections

52-Te-123



10

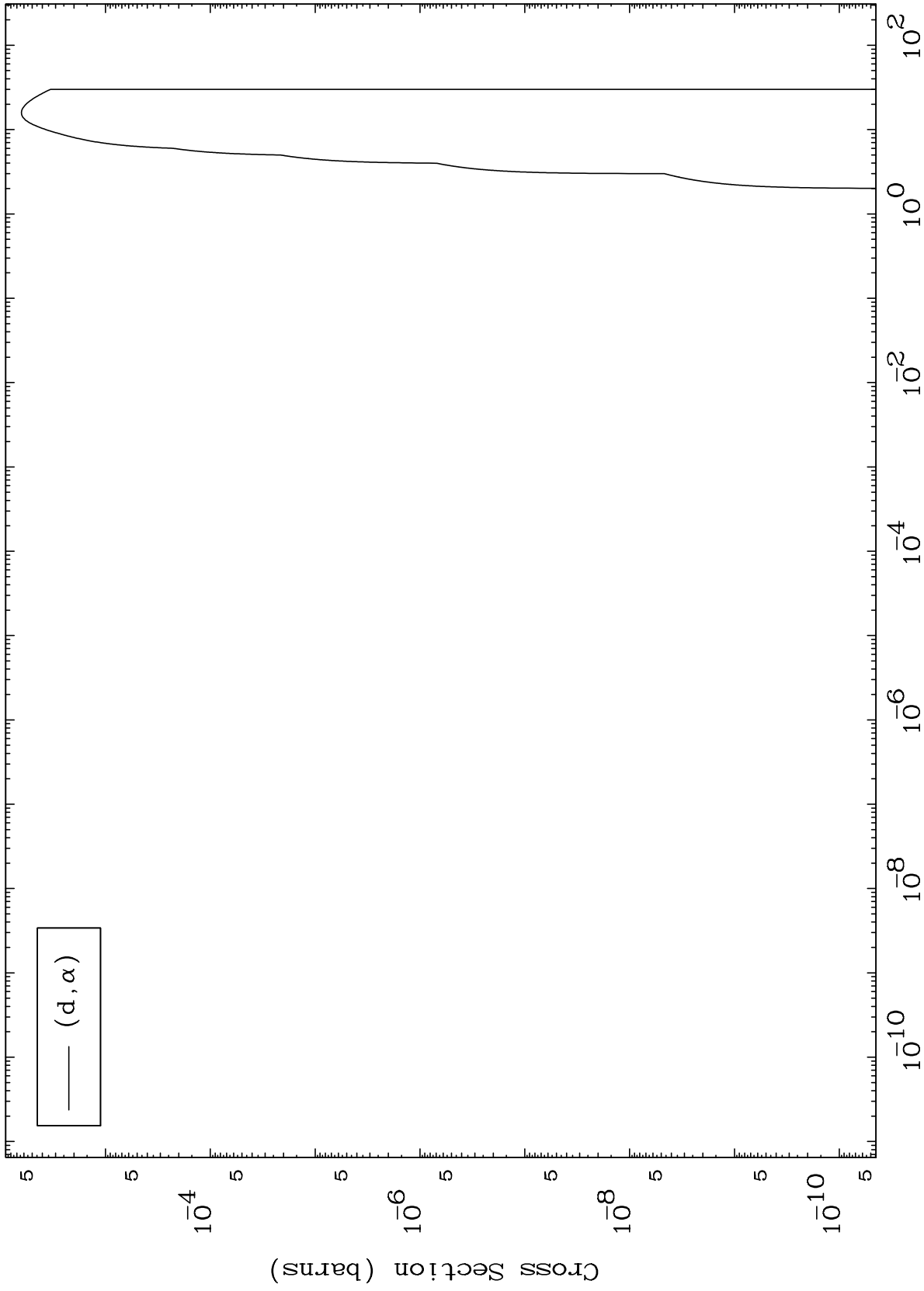
Incident Energy (MeV)

52-Te-123

MAT 5235

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

52-Te-123



11

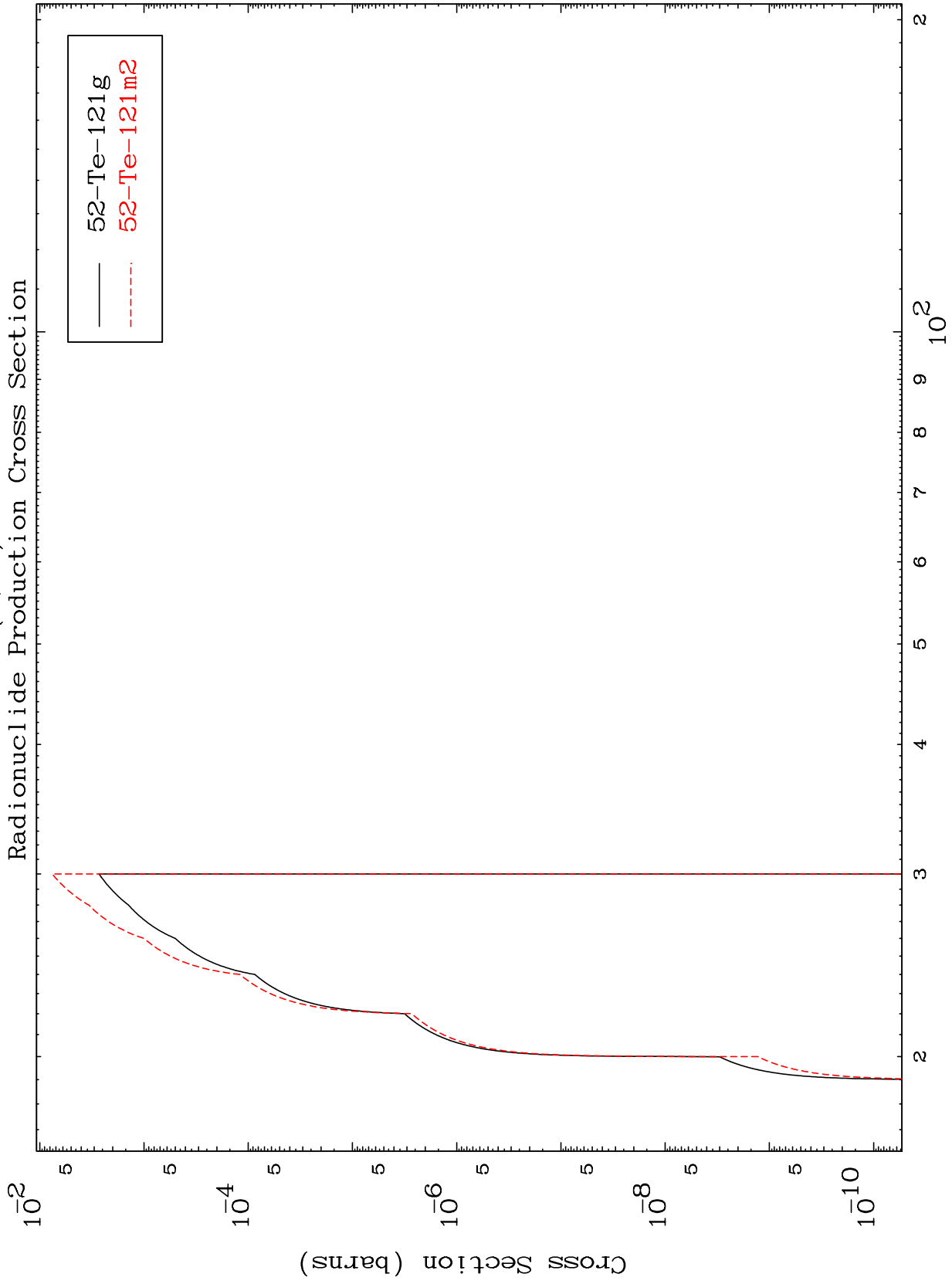
Incident Energy (MeV)

52-Te-123

MAT 5235

(d,2n) d

<sup>52</sup>Te-123



12

Incident Energy (MeV)

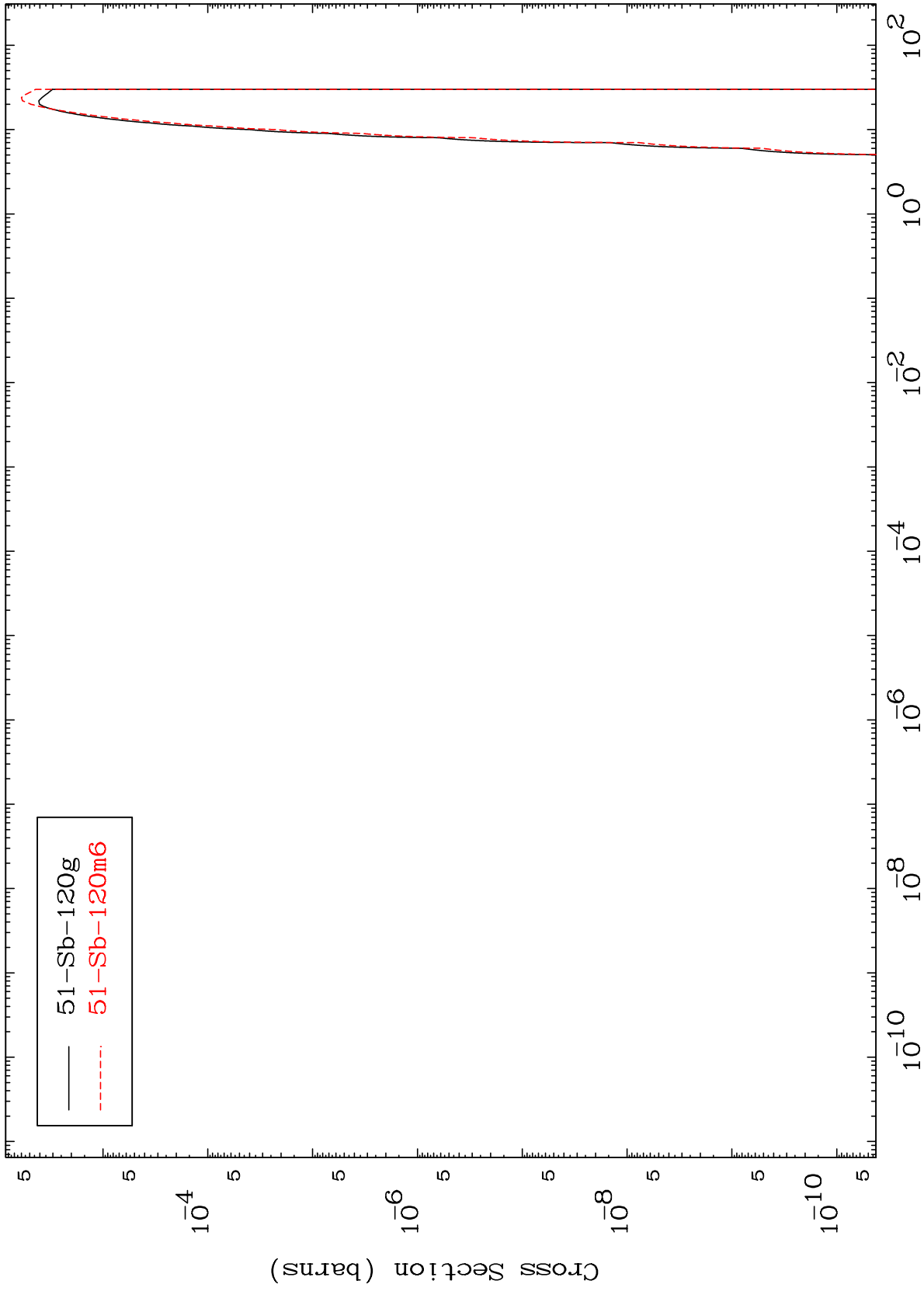
<sup>52</sup>Te-123

MAT 5235

(d,n')  $\alpha$

52-Te-123

Radionuclide Production Cross Section



13

Incident Energy (MeV)

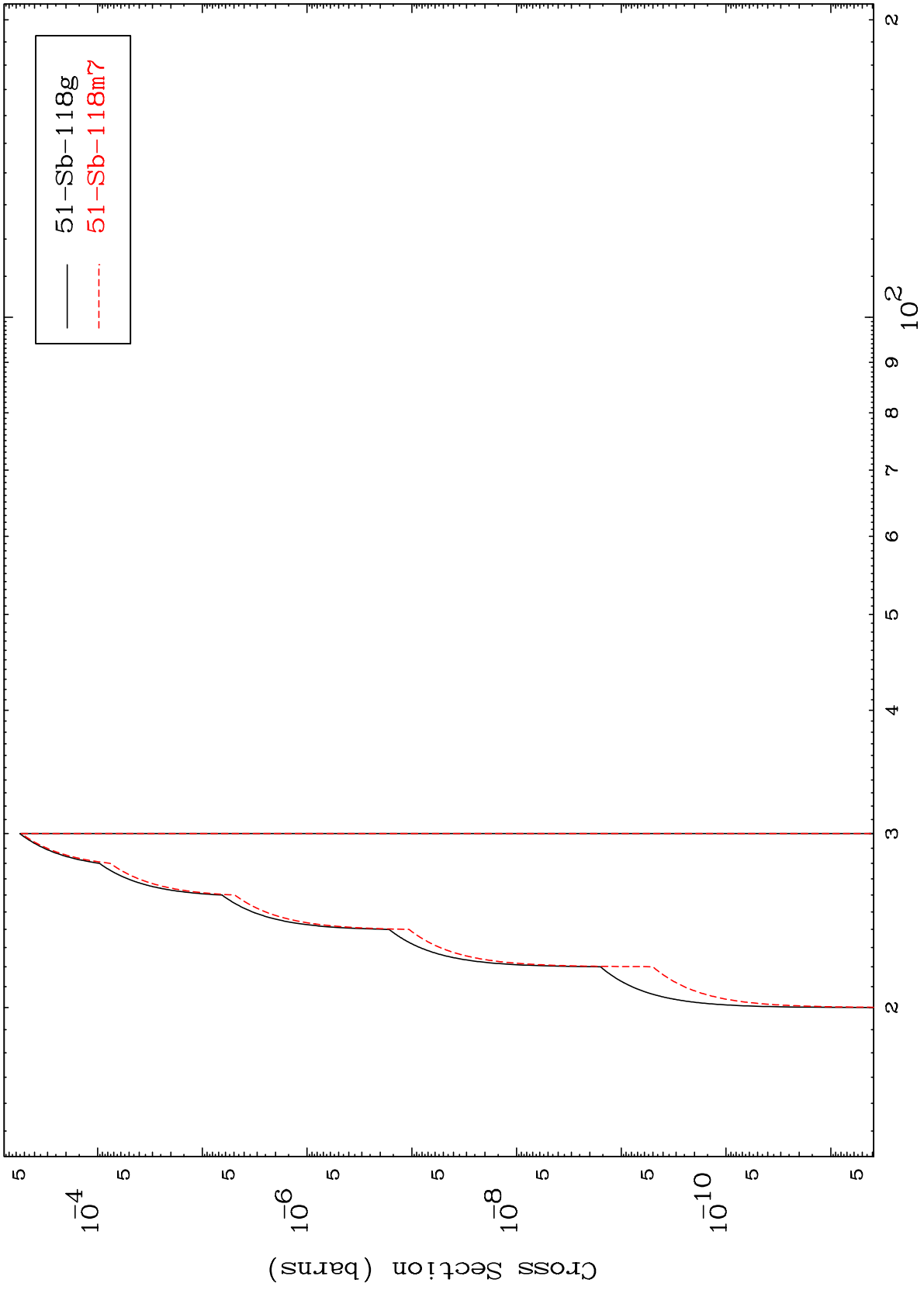
52-Te-123

MAT 5235

(d,3n)  $\alpha$

<sup>52</sup>Te-123

Radionuclide Production Cross Section



14

Incident Energy (MeV)

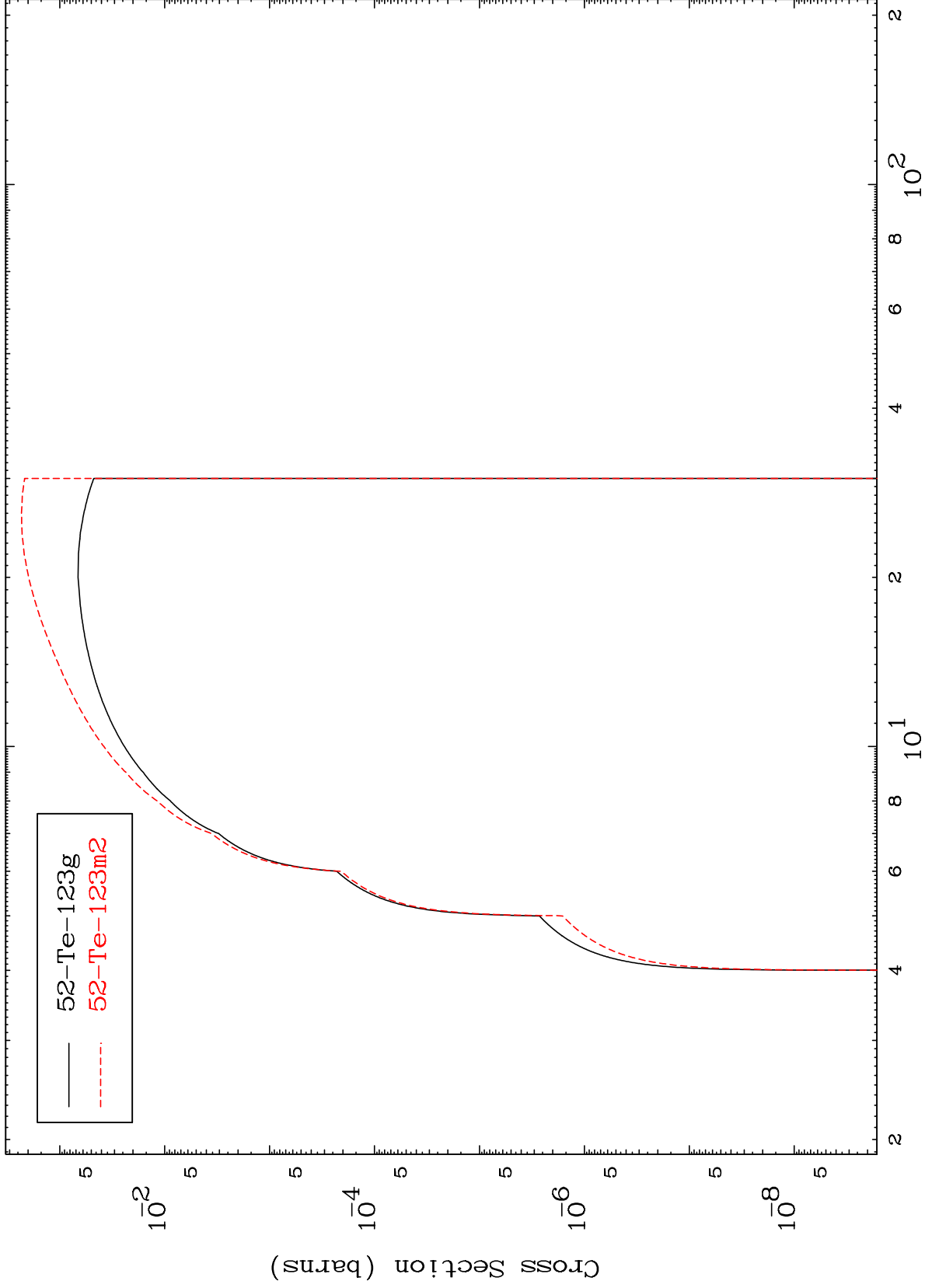
<sup>52</sup>Te-123

MAT 5235

(d,n') p

<sup>52</sup>Te-123

Radionuclide Production Cross Section



15

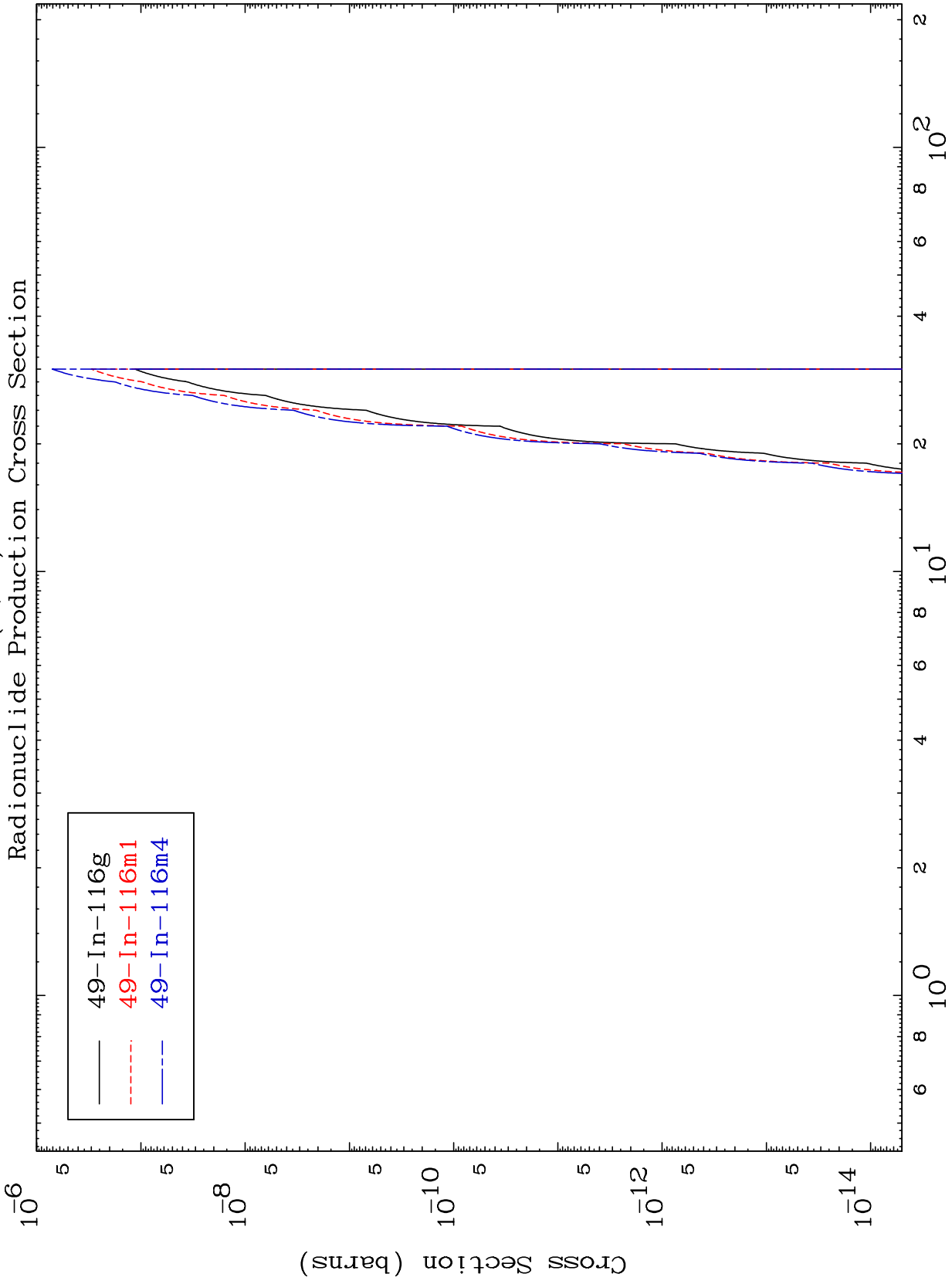
Incident Energy (MeV)

<sup>52</sup>Te-123

MAT 5235

(d,n') 2 $\alpha$

52-Te-123



49-In-116g  
49-In-116m1  
49-In-116m4

16

Incident Energy (MeV)

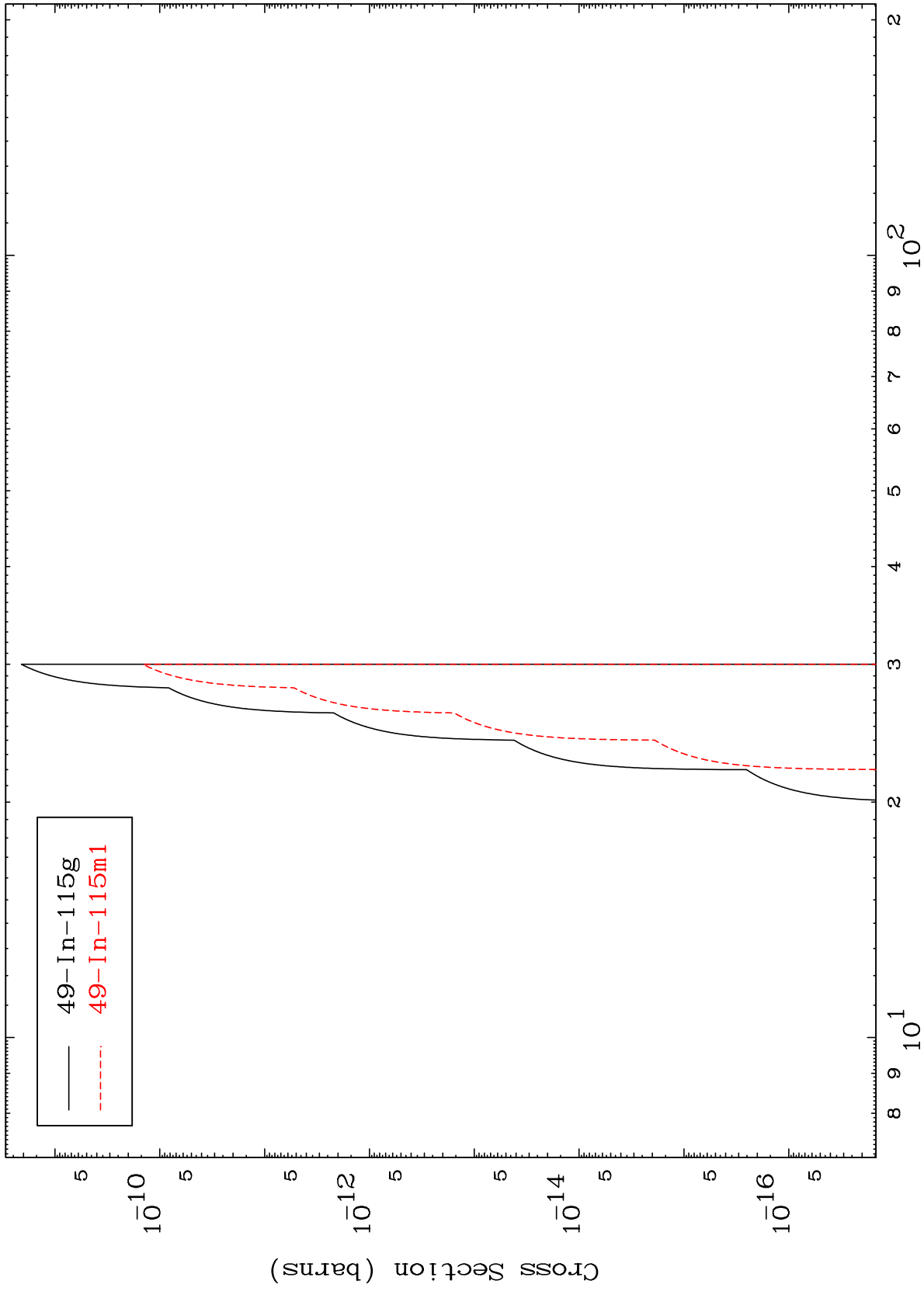
52-Te-123

MAT 5235

(d,2n) 2α

52-Te-123

Radionuclide Production Cross Section



17

Incident Energy (MeV)

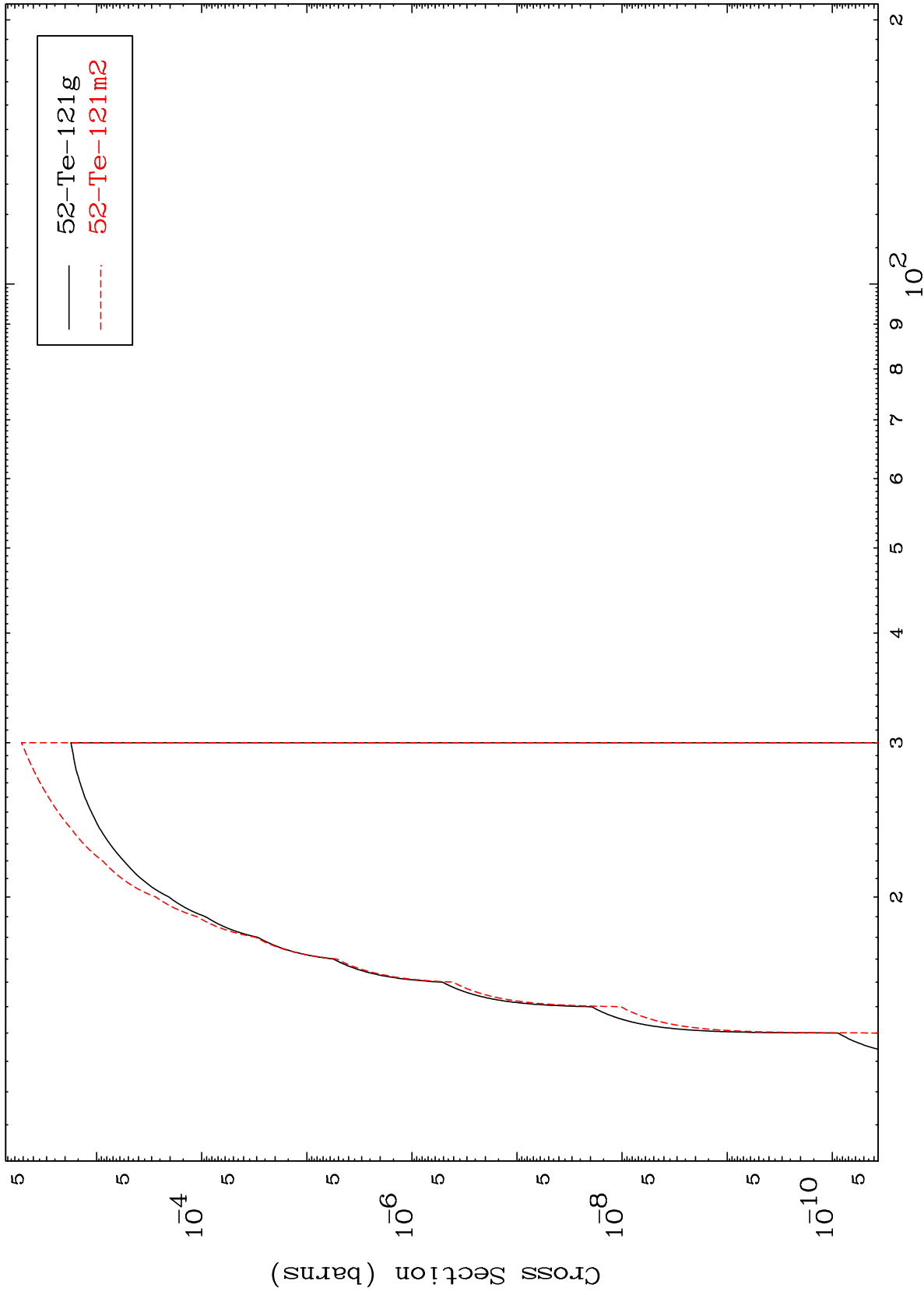
52-Te-123

MAT 5235

(d,n') t

52-Te-123

Radionuclide Production Cross Section



18

Incident Energy (MeV)

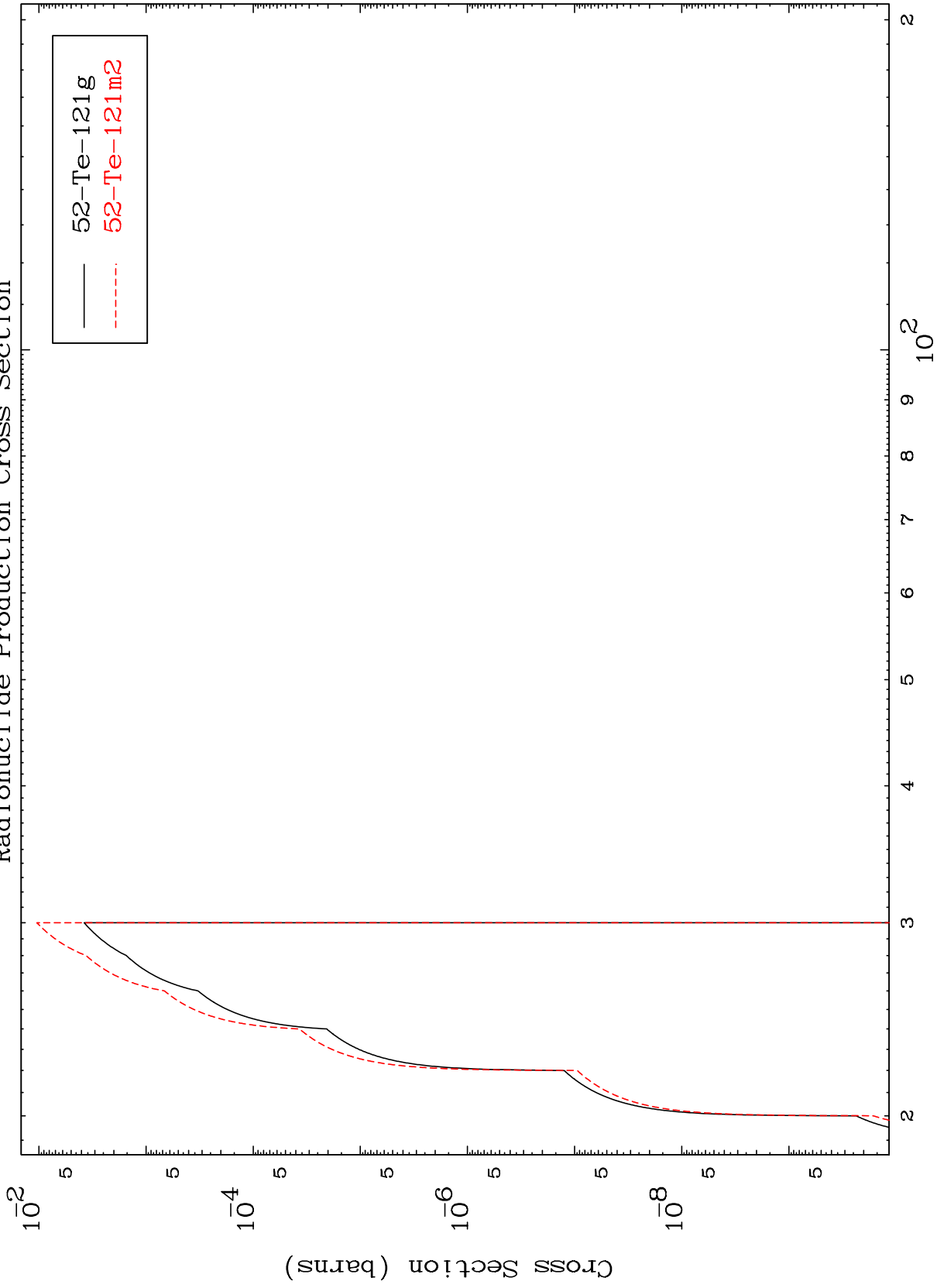
52-Te-123

MAT 5235

(d,3n) p

<sup>52</sup>Te-123

Radionuclide Production Cross Section



19

Incident Energy (MeV)

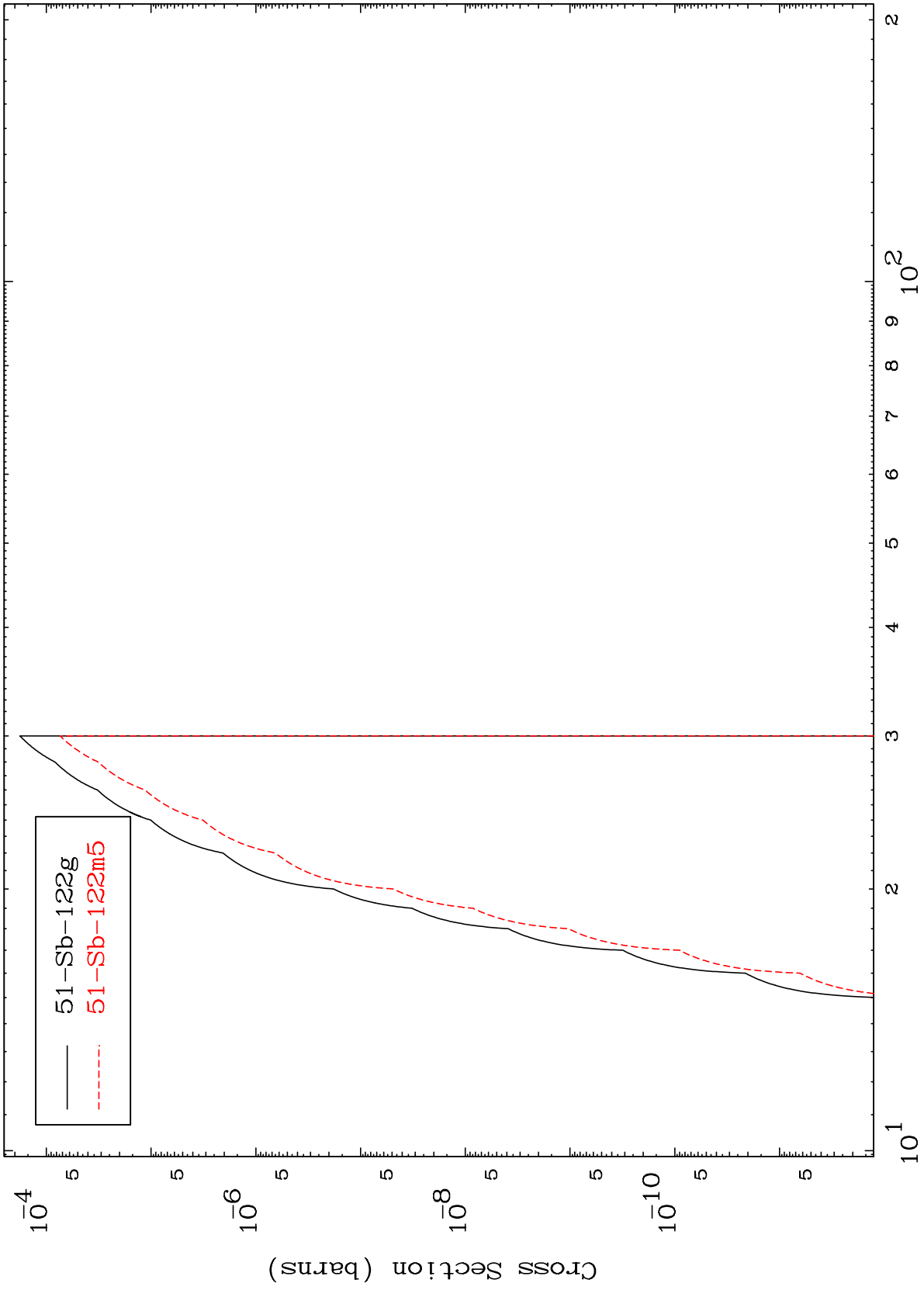
<sup>52</sup>Te-123

MAT 5235

(d,2n) p

52-Te-123

Radionuclide Production Cross Section



Incident Energy (MeV)

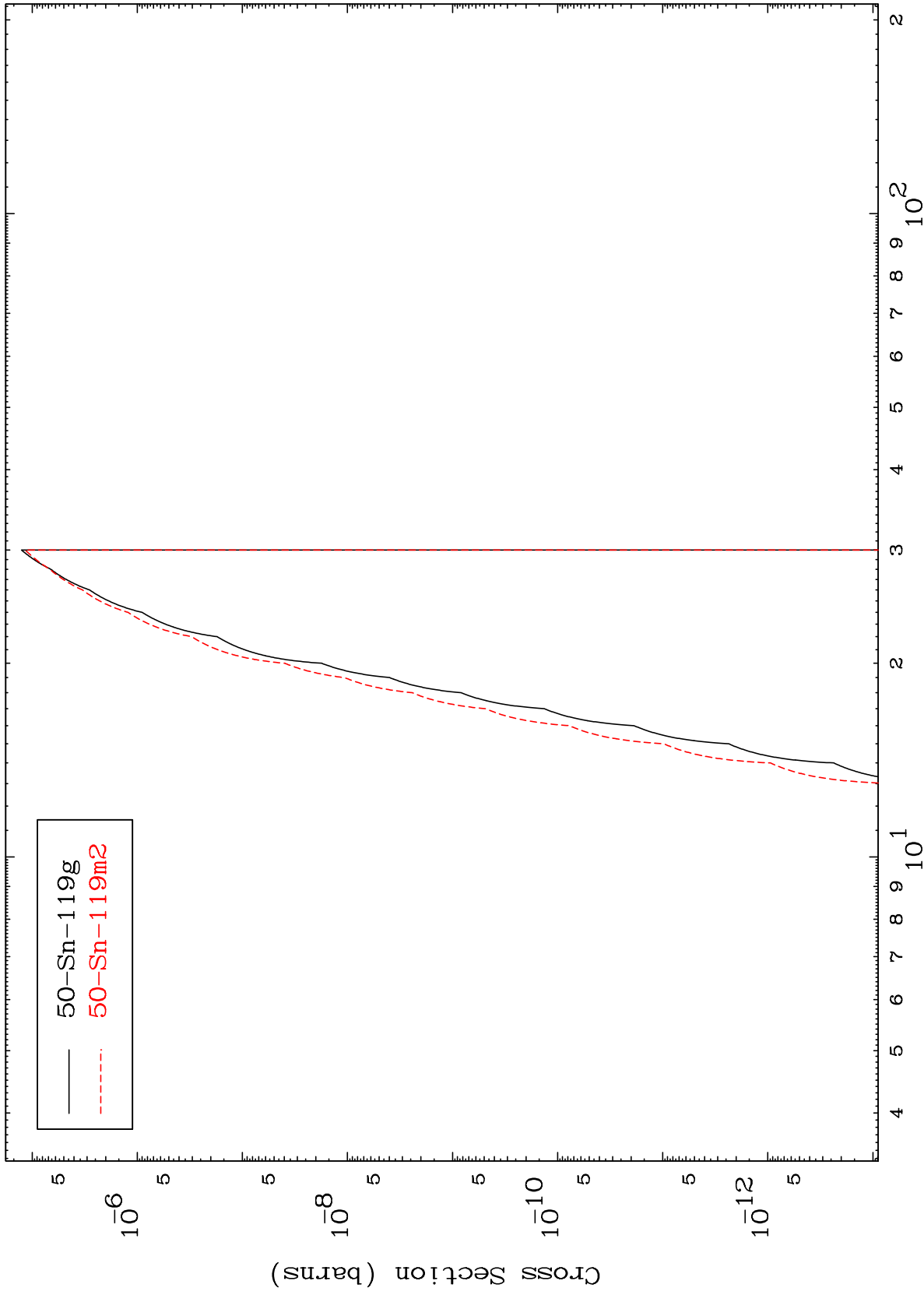
52-Te-123

MAT 5235

(d,n') p  $\alpha$

52-Te-123

Radionuclide Production Cross Section



21

Incident Energy (MeV)

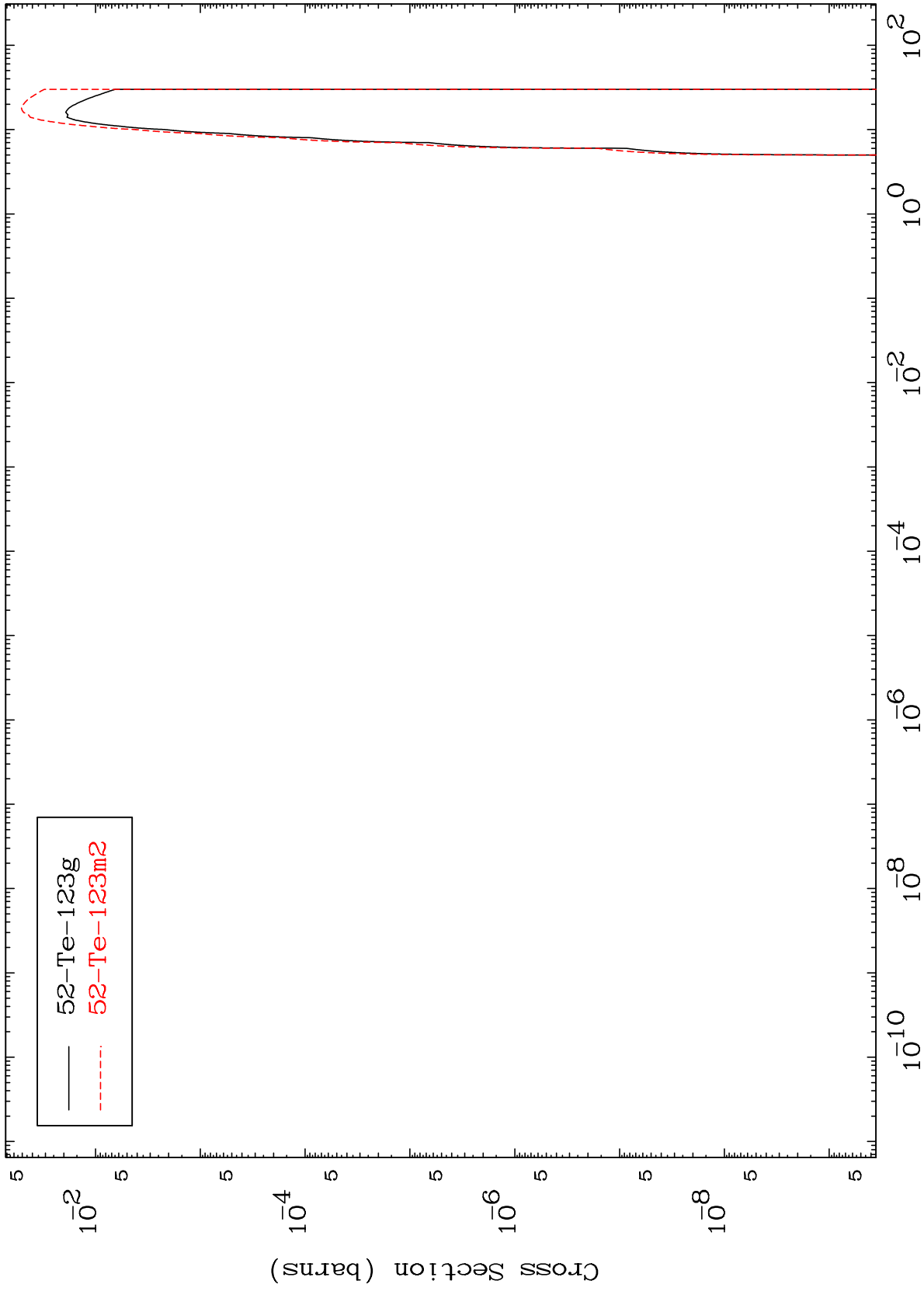
52-Te-123

MAT 5235

(d,d)

<sup>52</sup>Te-123

Radionuclide Production Cross Section

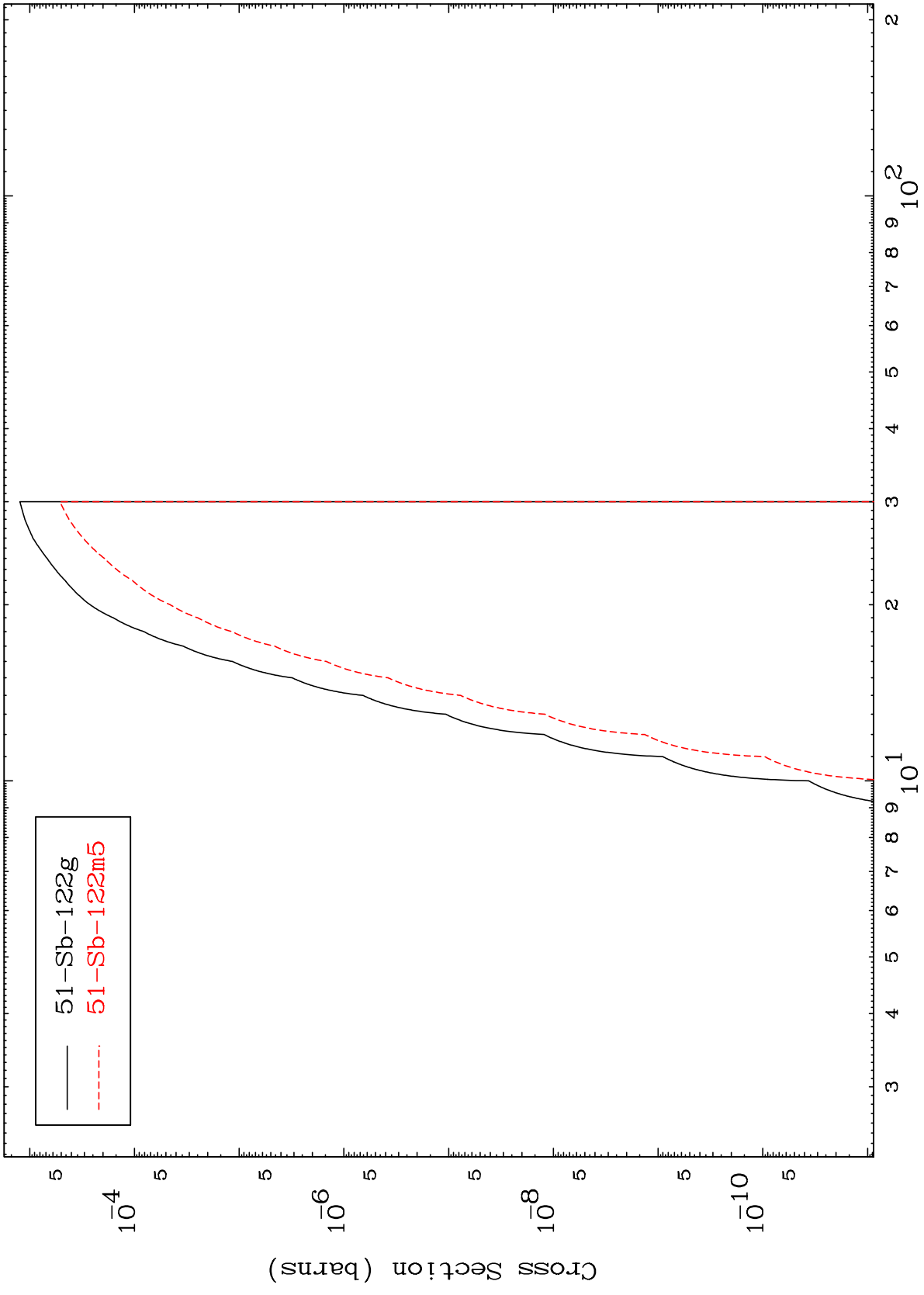


MAT 5235

(d, He-3)

52-Te-123

Radionuclide Production Cross Section



— 51-Sb-122g  
- - - 51-Sb-122m5

23

Incident Energy (MeV)

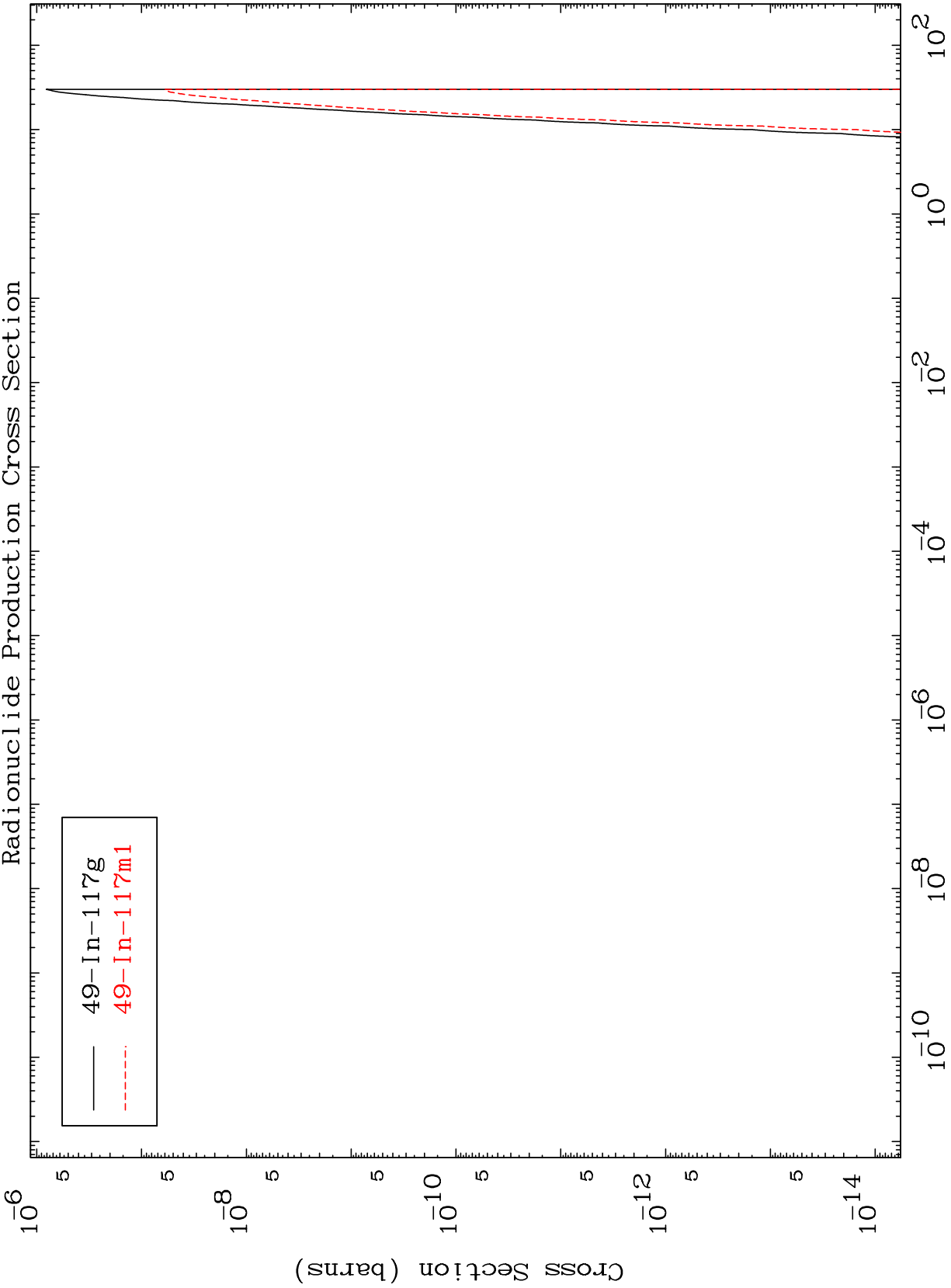
52-Te-123

MAT 5235

(d,2α)

52-Te-123

Radionuclide Production Cross Section



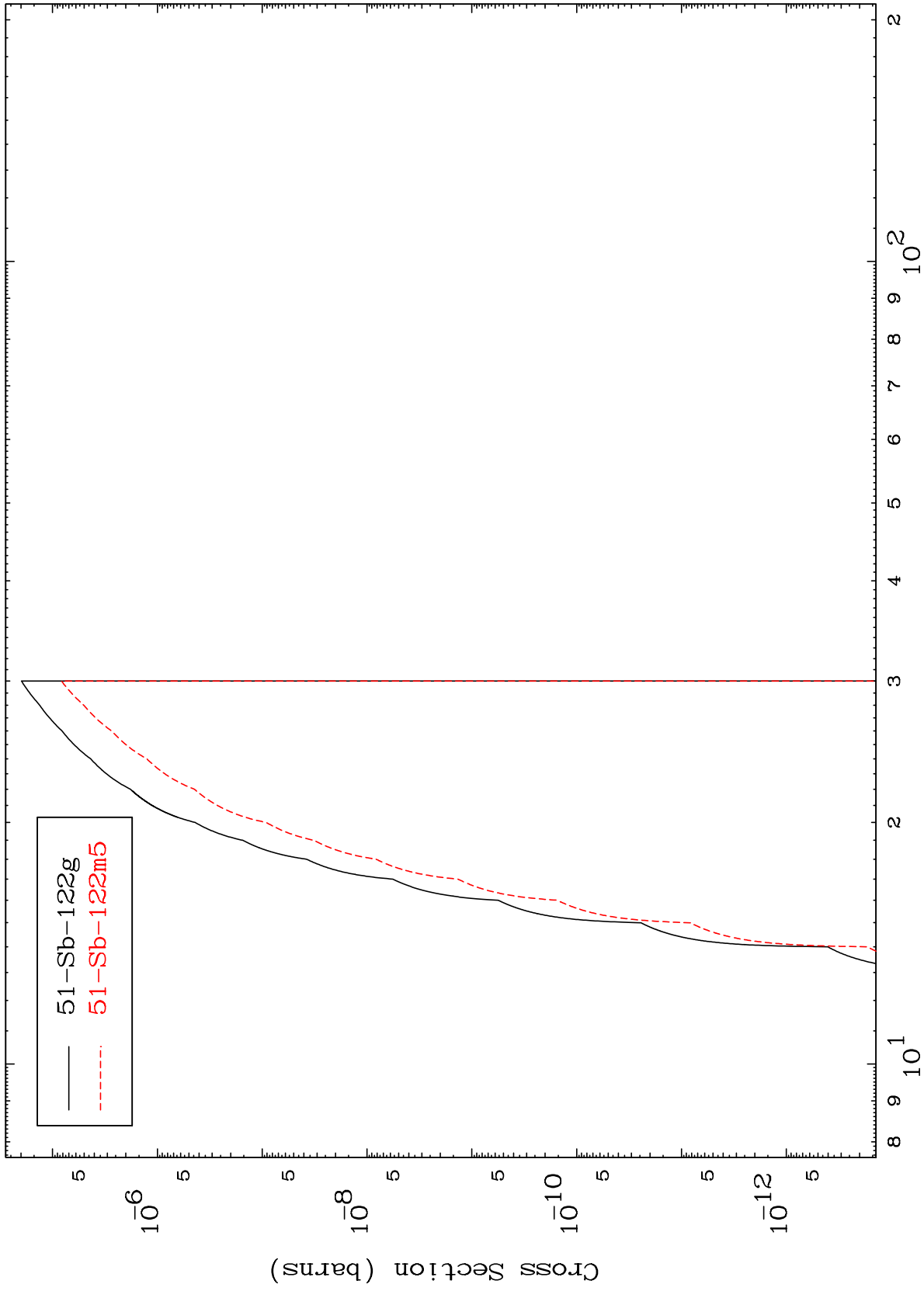
— 49-In-117g  
- - - 49-In-117m1

MAT 5235

(d,p) d

52-Te-123

Radionuclide Production Cross Section



25

Incident Energy (MeV)

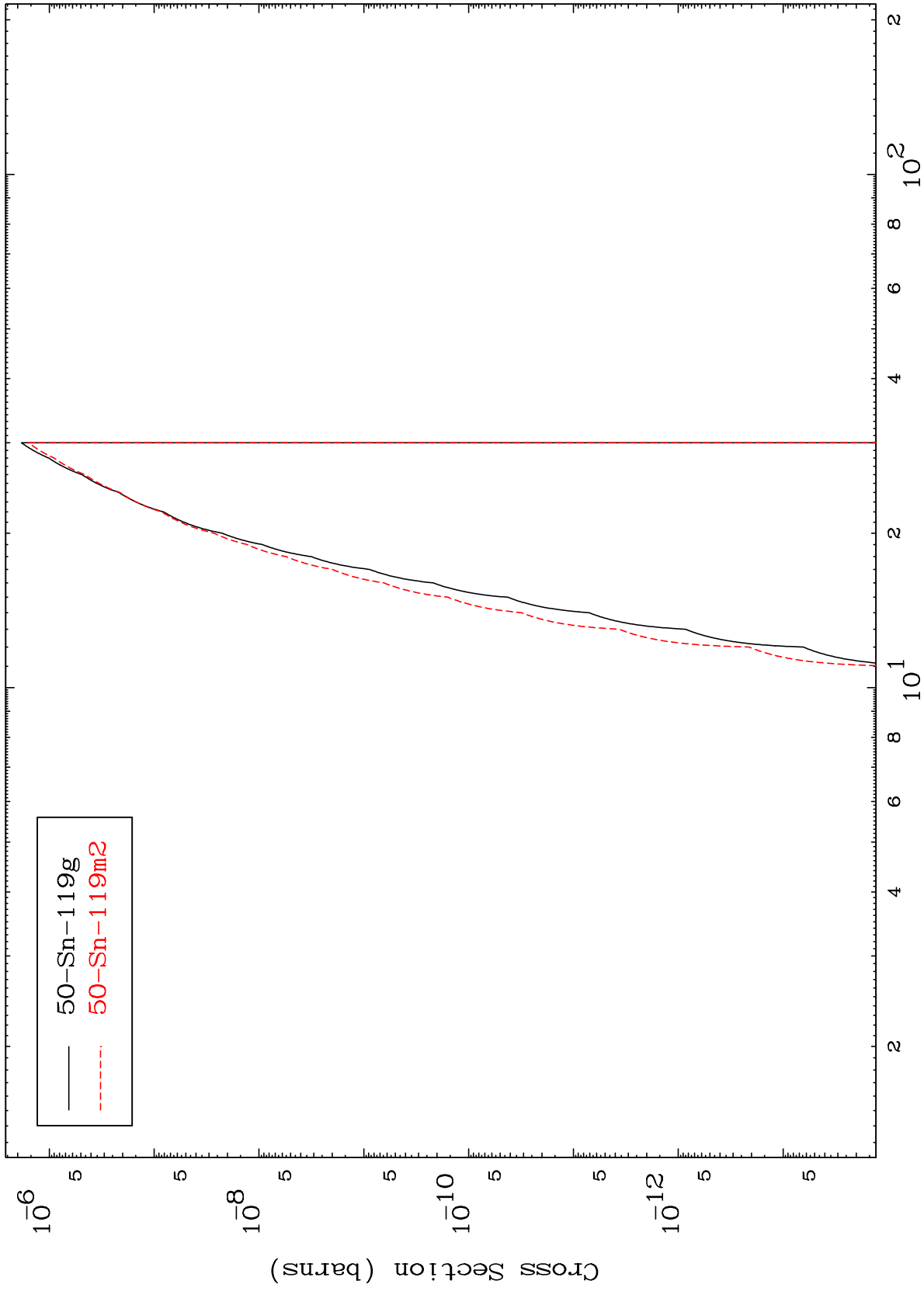
52-Te-123

MAT 5235

(d,d)  $\alpha$

52-Te-123

Radionuclide Production Cross Section



26

Incident Energy (MeV)

52-Te-123