

Program EVALPLOT  
(Version 2018-1)

by

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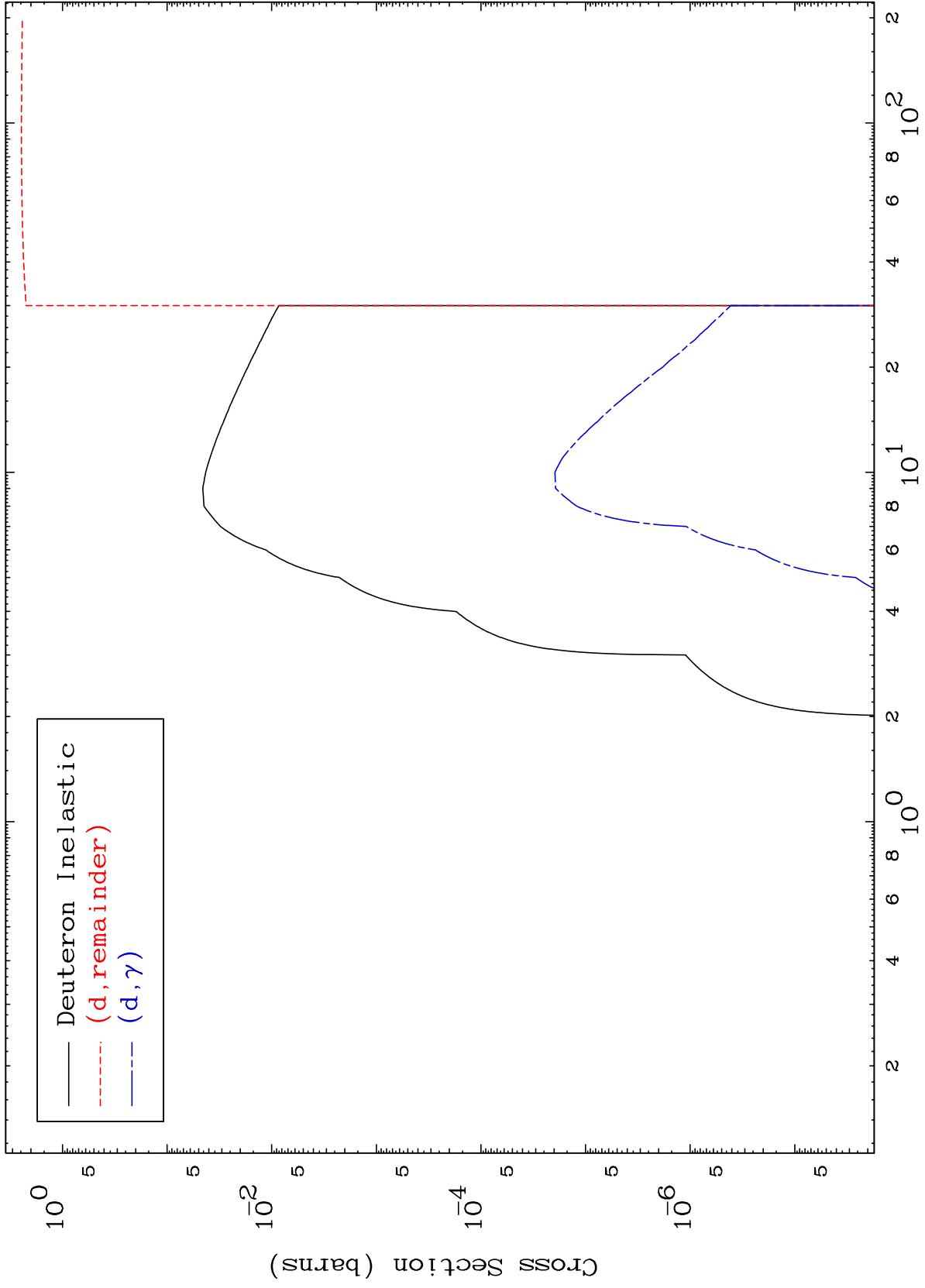
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

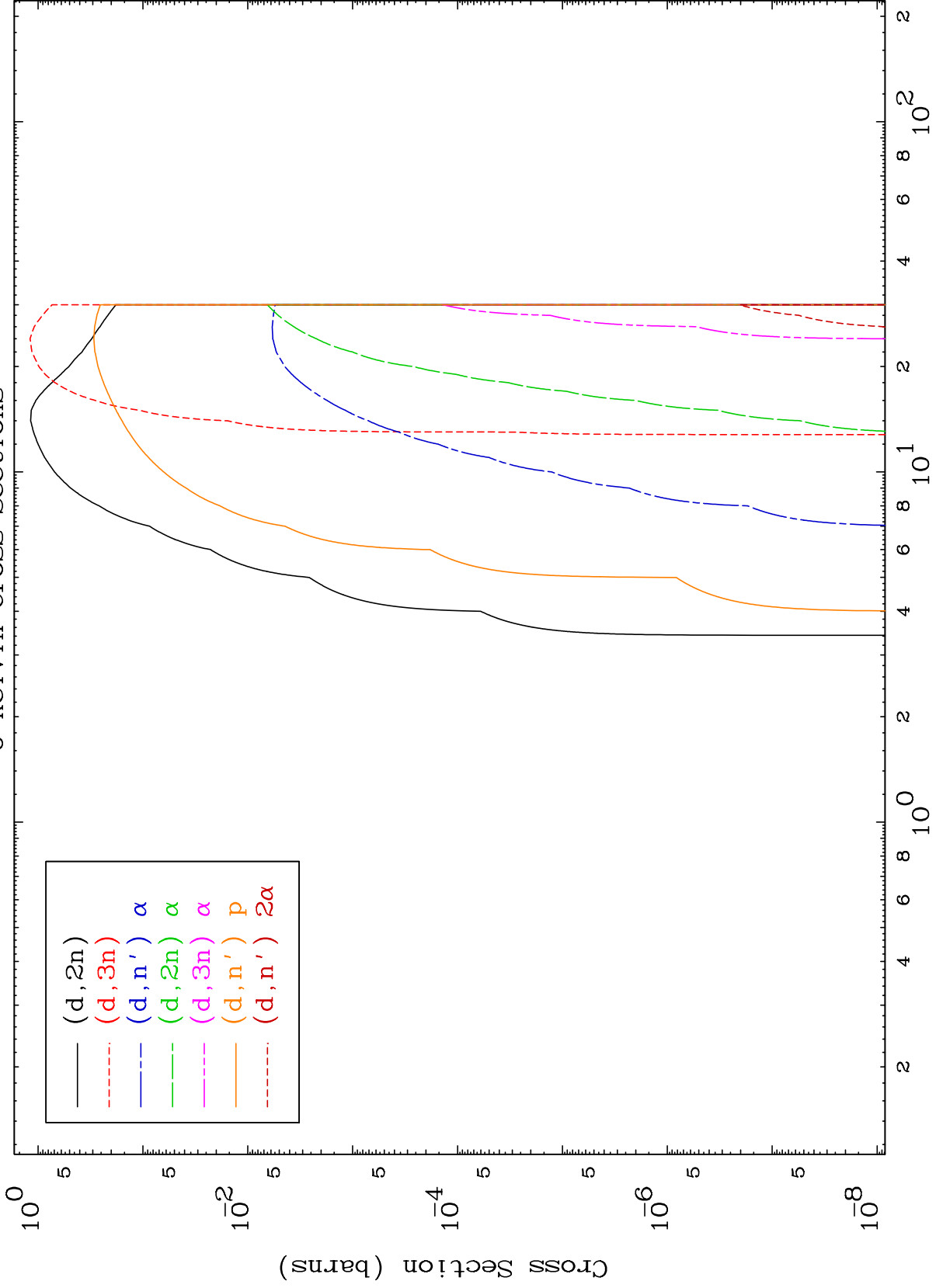
MAT 5446

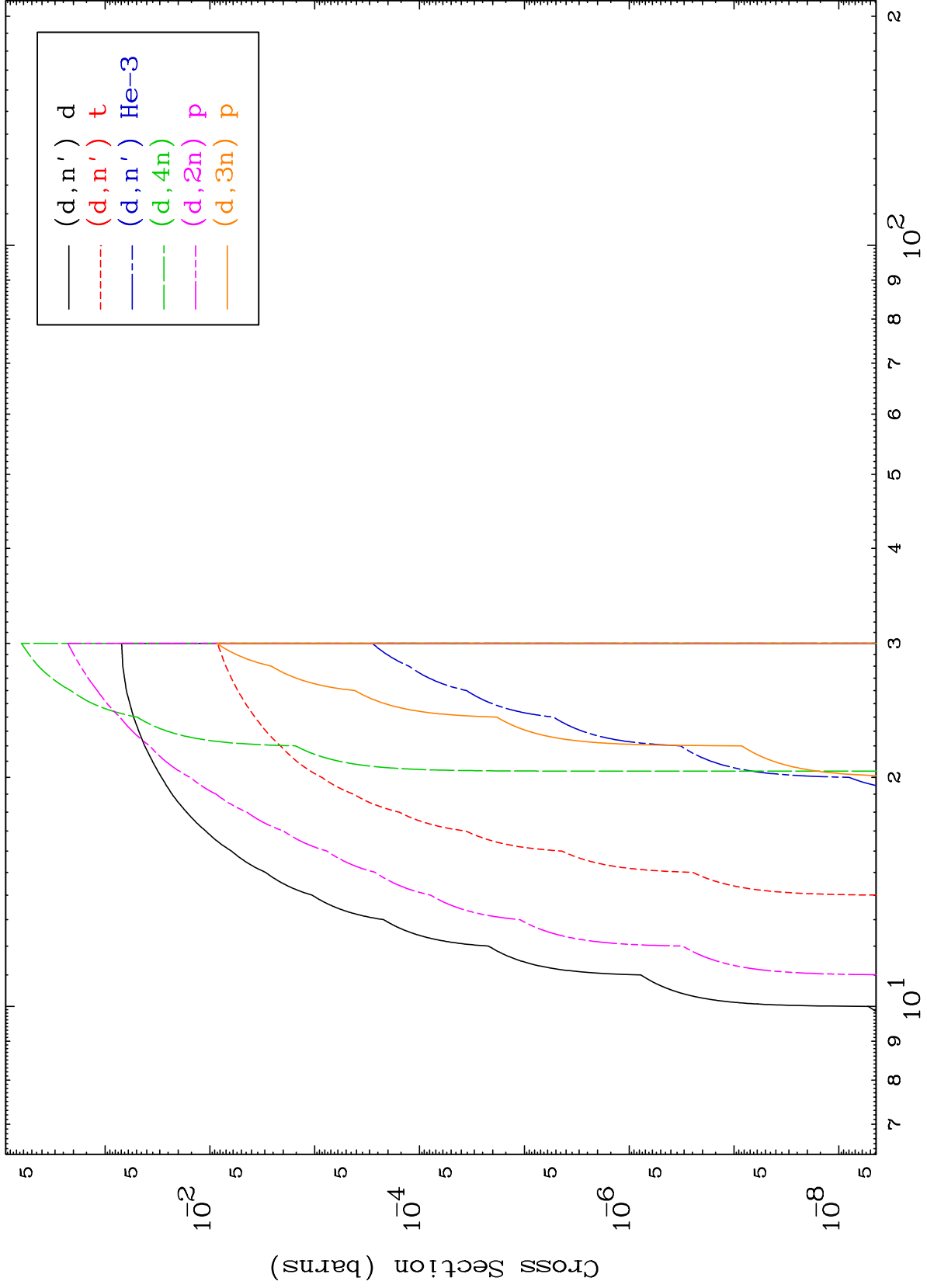
Deuteron Major  
0 Kelvin Cross Sections

54-Xe-131



— Deuteron Inelastic  
- - - (d, remainder)  
- - - (d, γ)

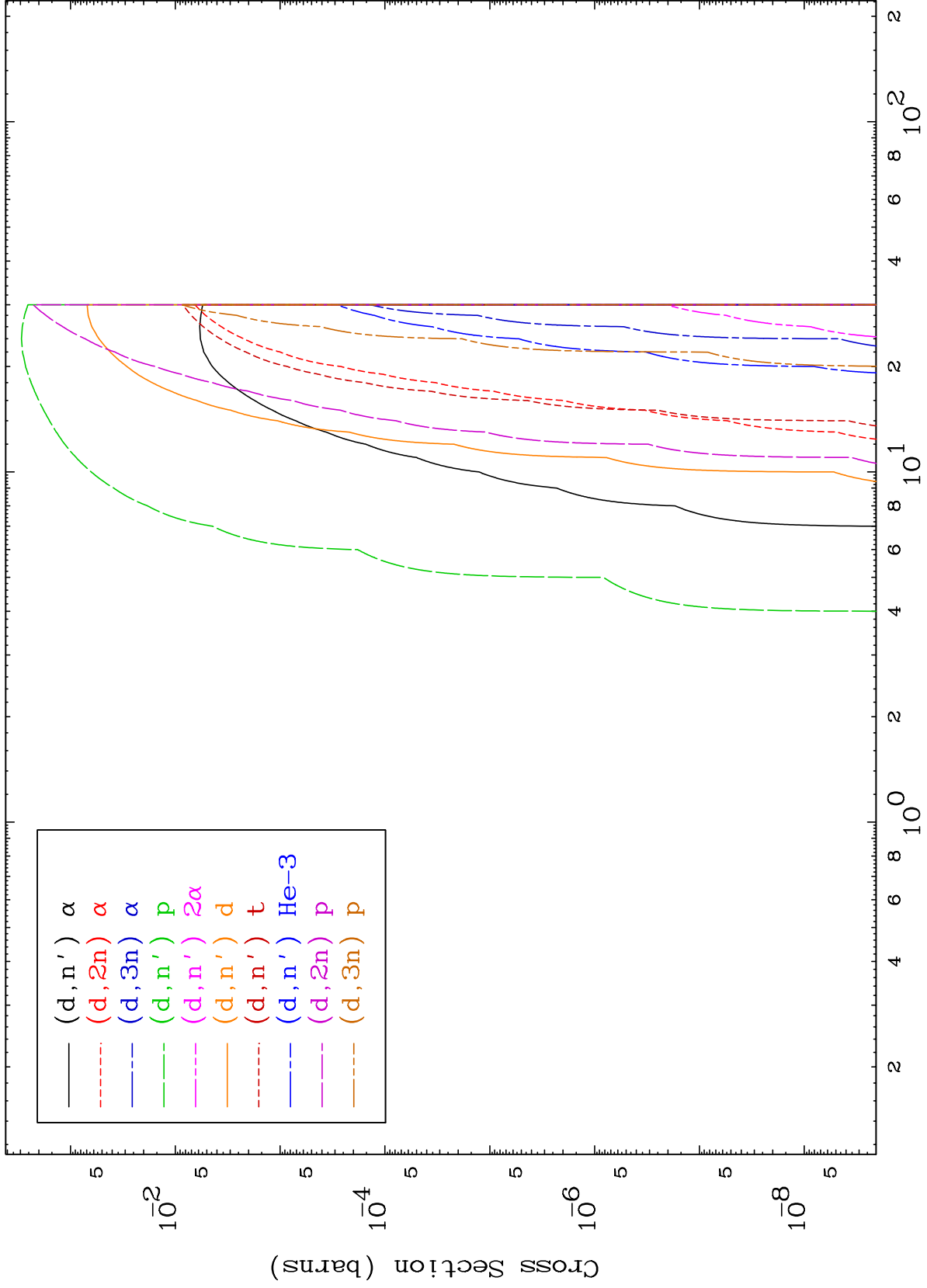




MAT 5446

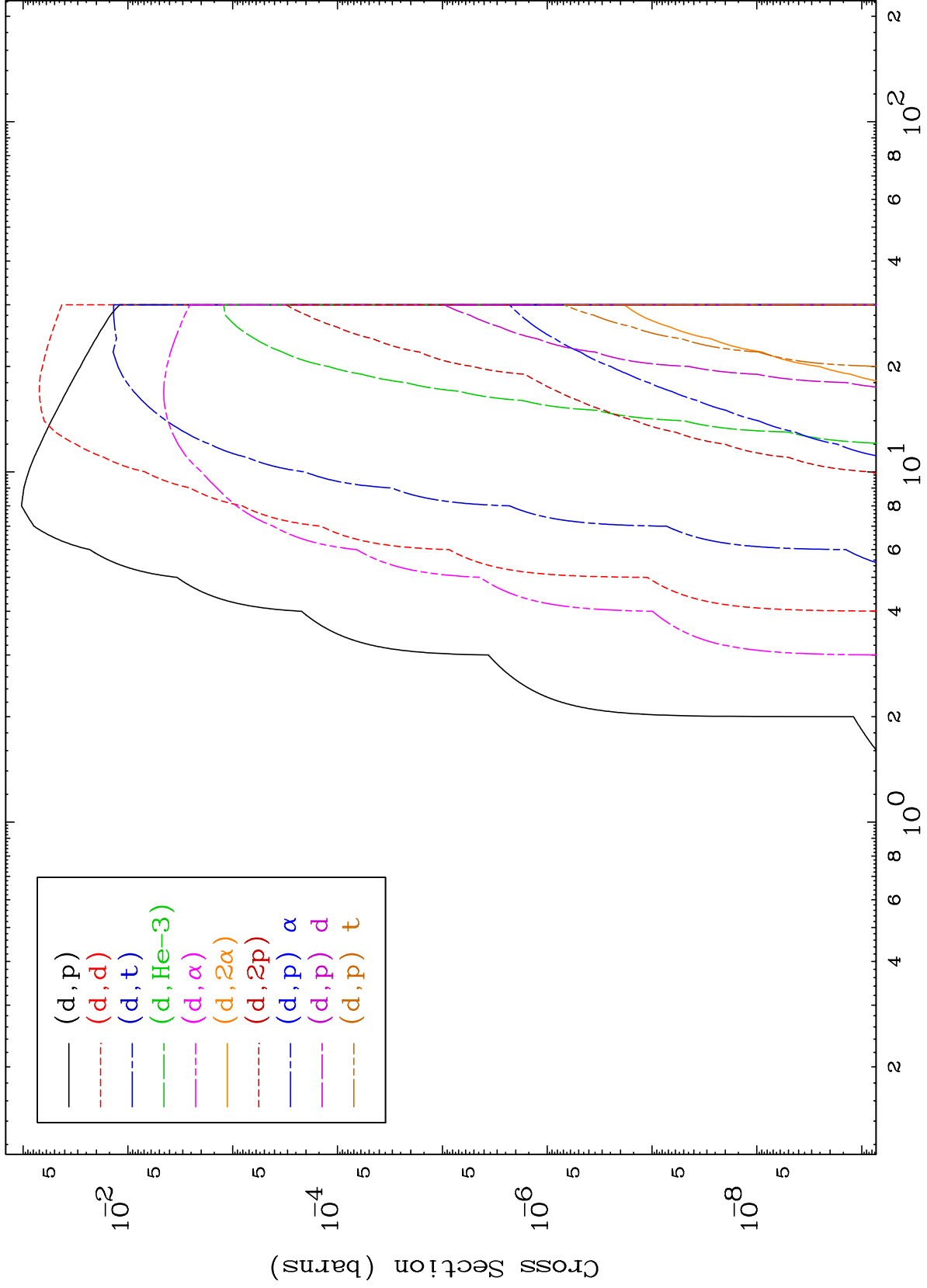
Deuteron Charged Particle  
0 Kelvin Cross Sections

54-Xe-131



Incident Energy (MeV)

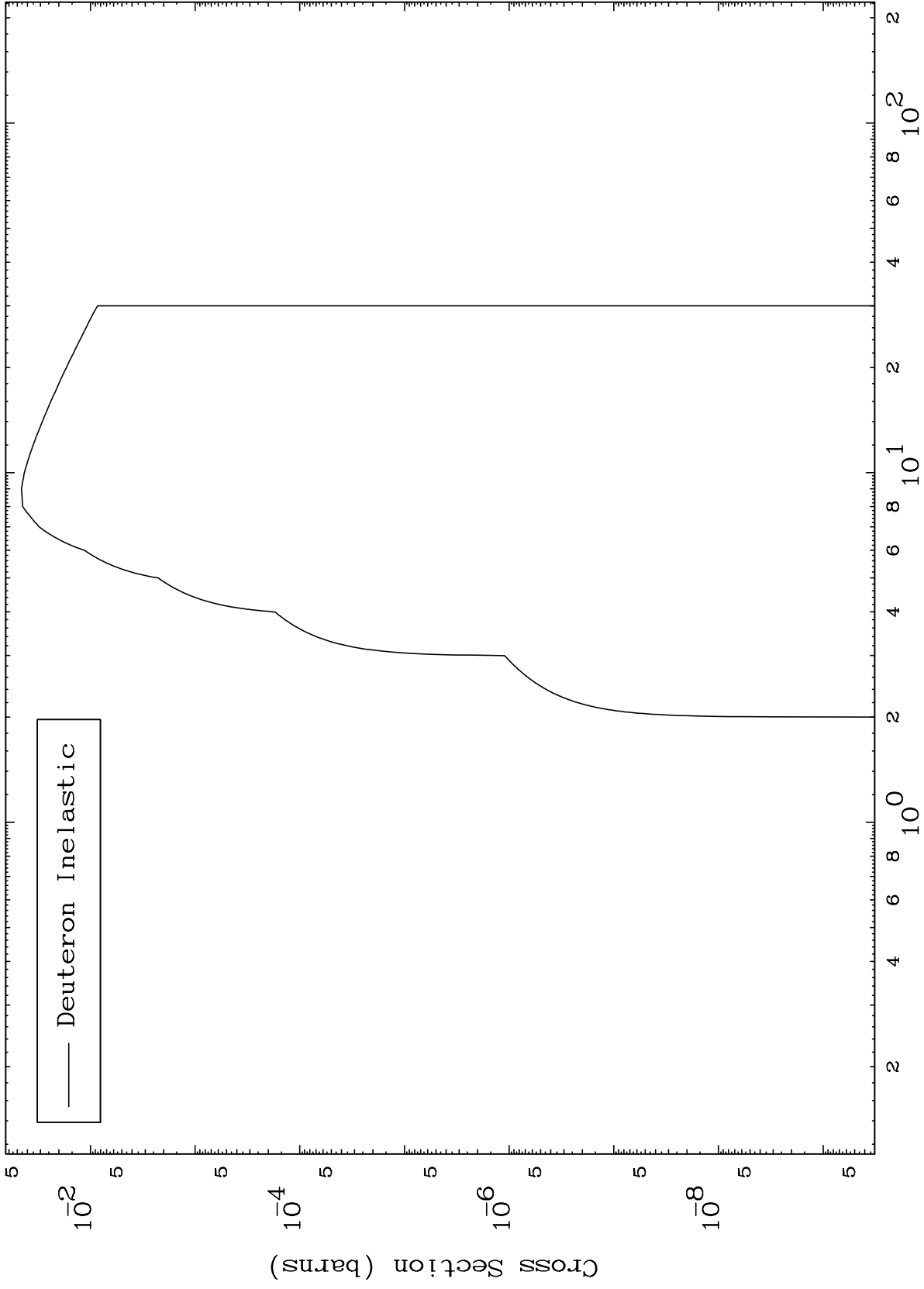
54-Xe-131



MAT 5446

54-Xe-131

(d,n') Level  
0 Kelvin Cross Sections



6

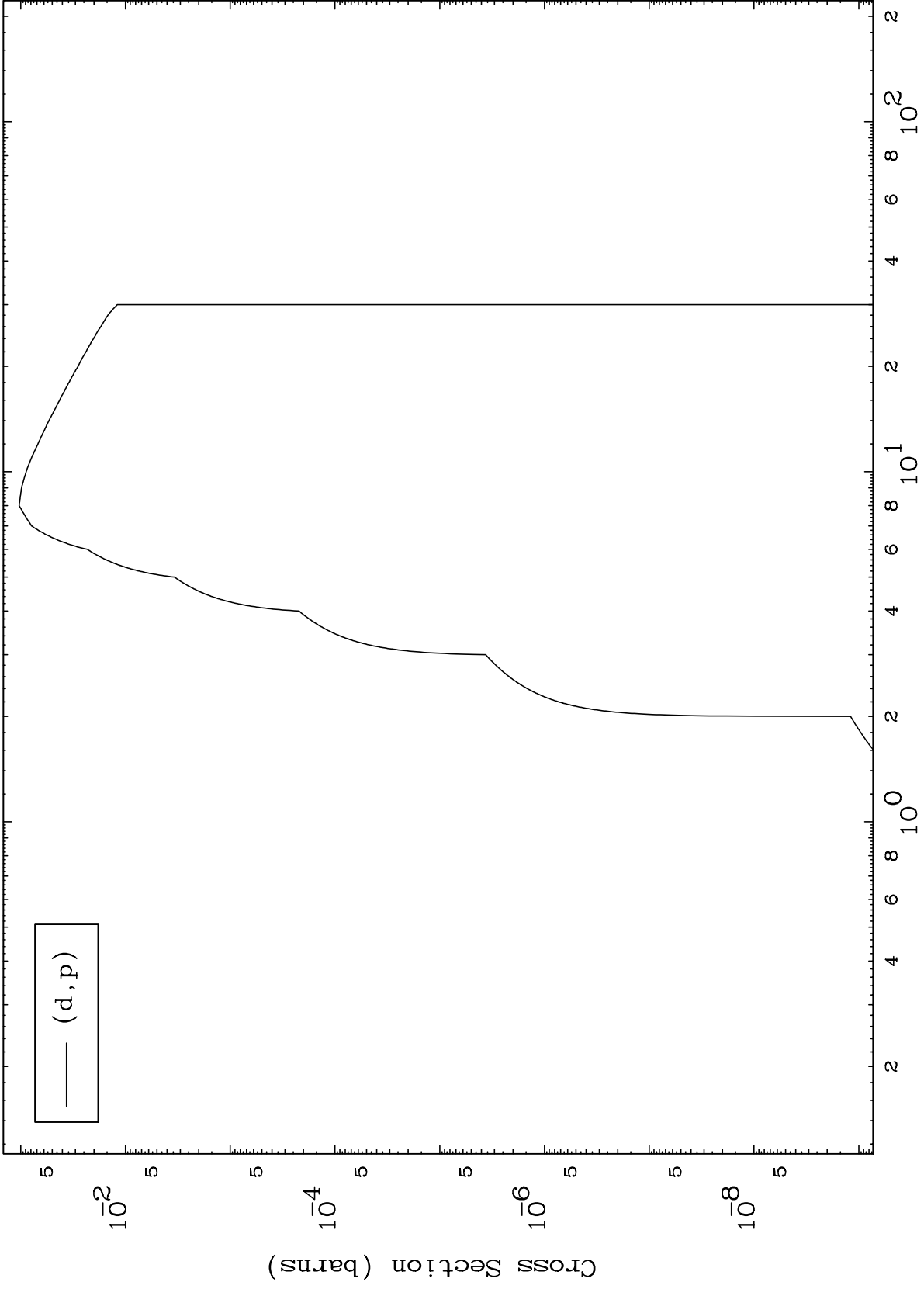
54-Xe-131

Incident Energy (MeV)

MAT 5446

54-Xe-131

(d,p) Levels  
0 Kelvin Cross Sections



7

54-Xe-131

Incident Energy (MeV)

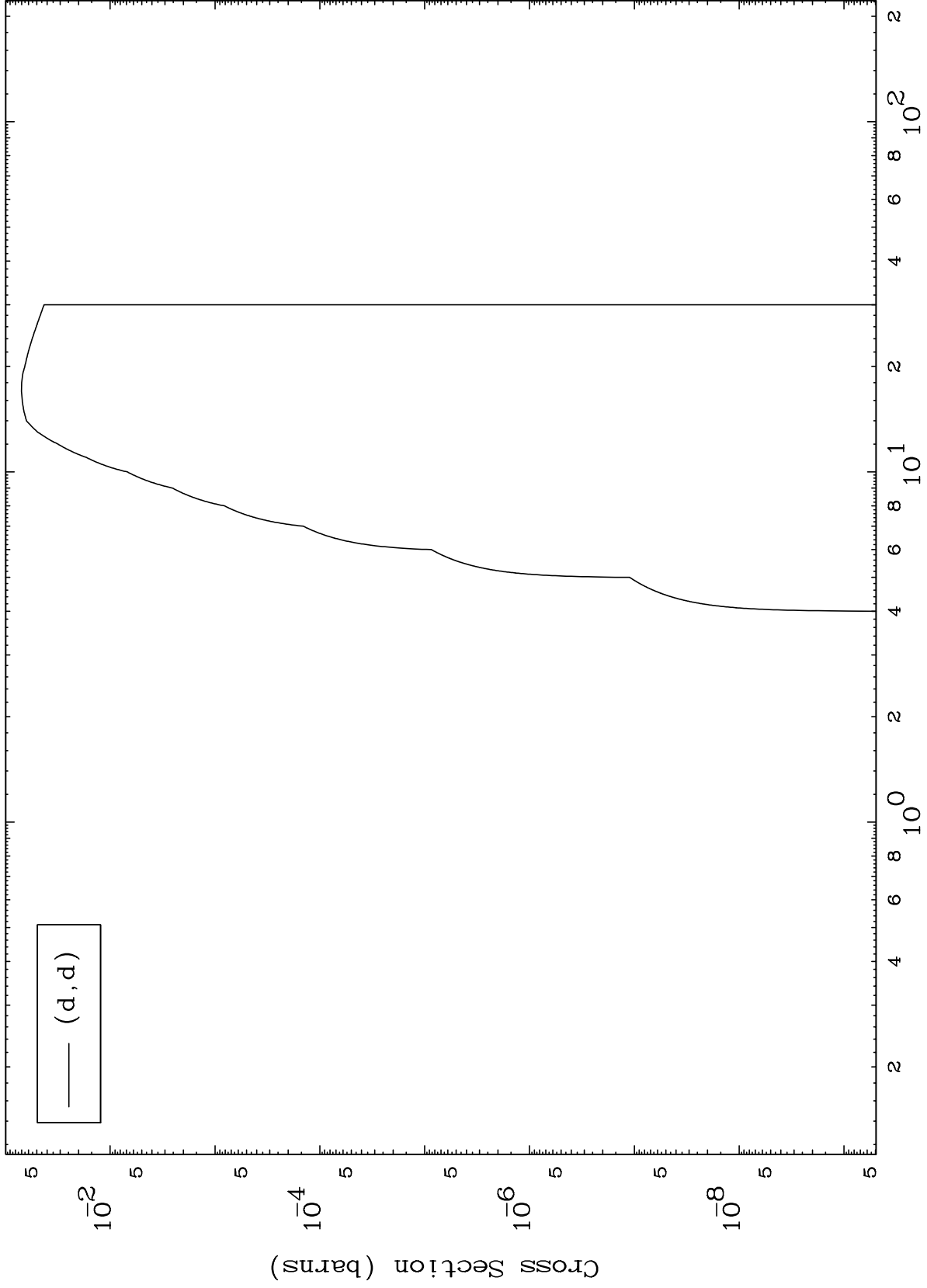


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(d,d) Levels

54-Xe-131

0 Kelvin Cross Sections

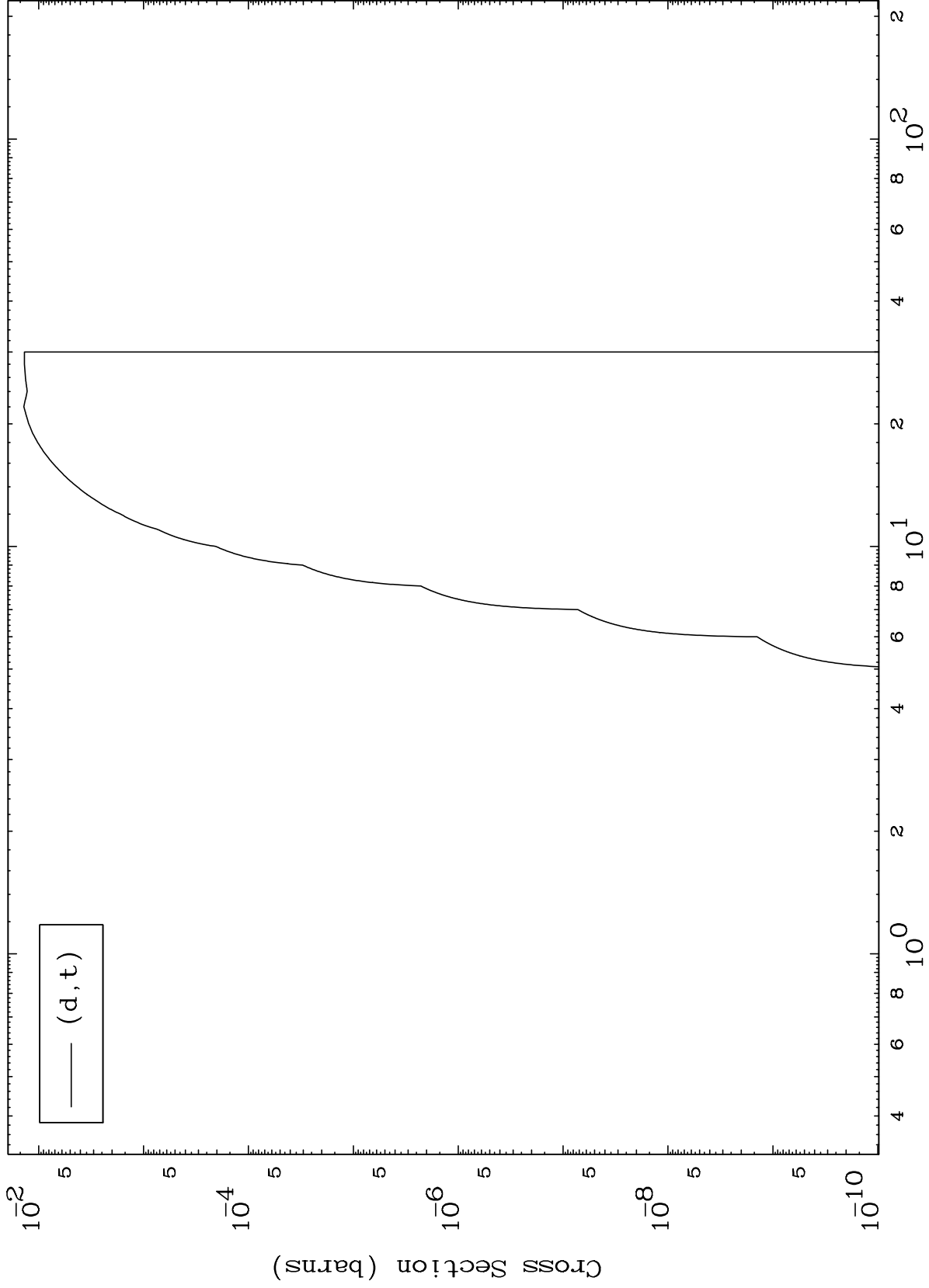


MAT 5446

(d,t) Levels

54-Xe-131

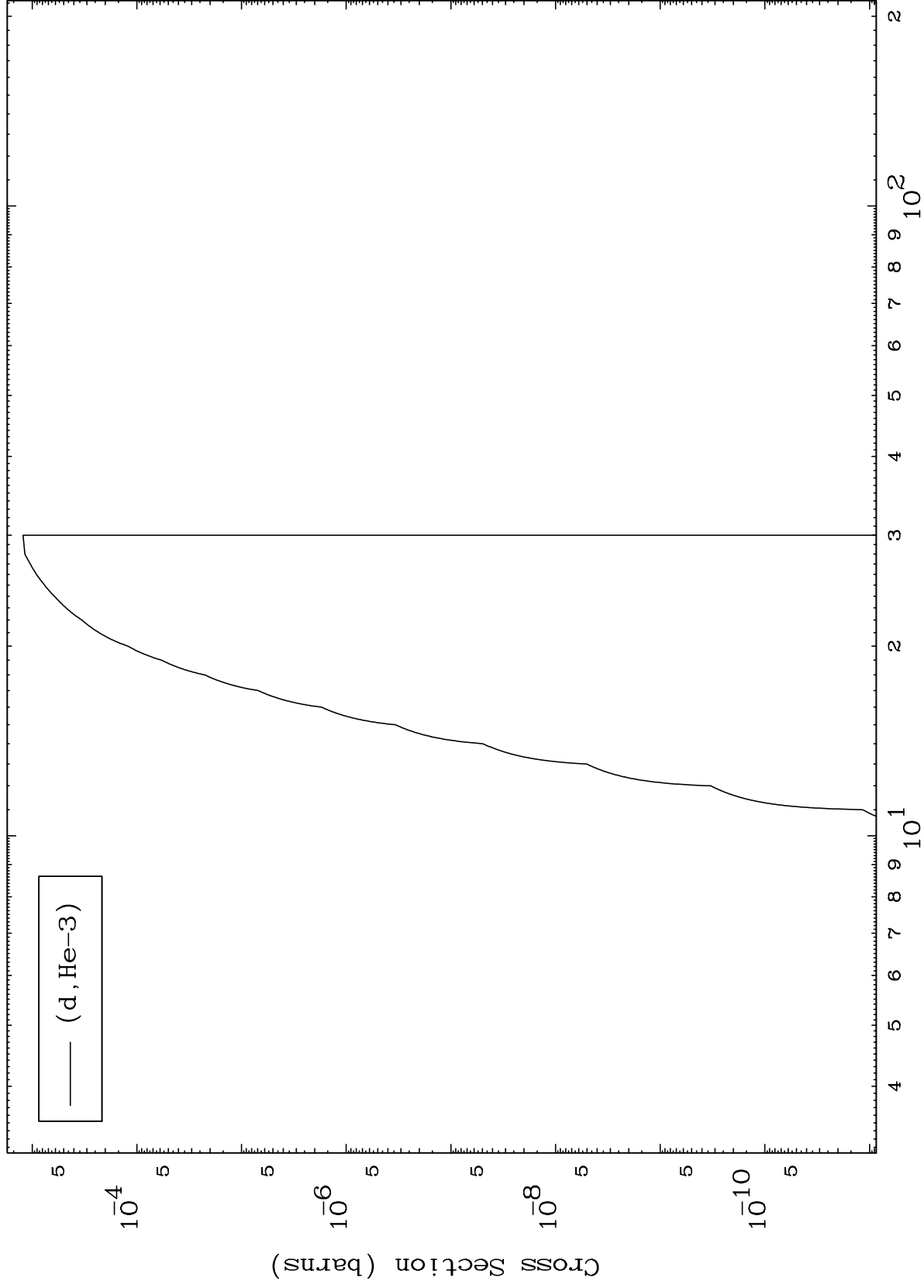
0 Kelvin Cross Sections



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(d,He3) Levels  
0 Kelvin Cross Sections

54-Xe-131



10

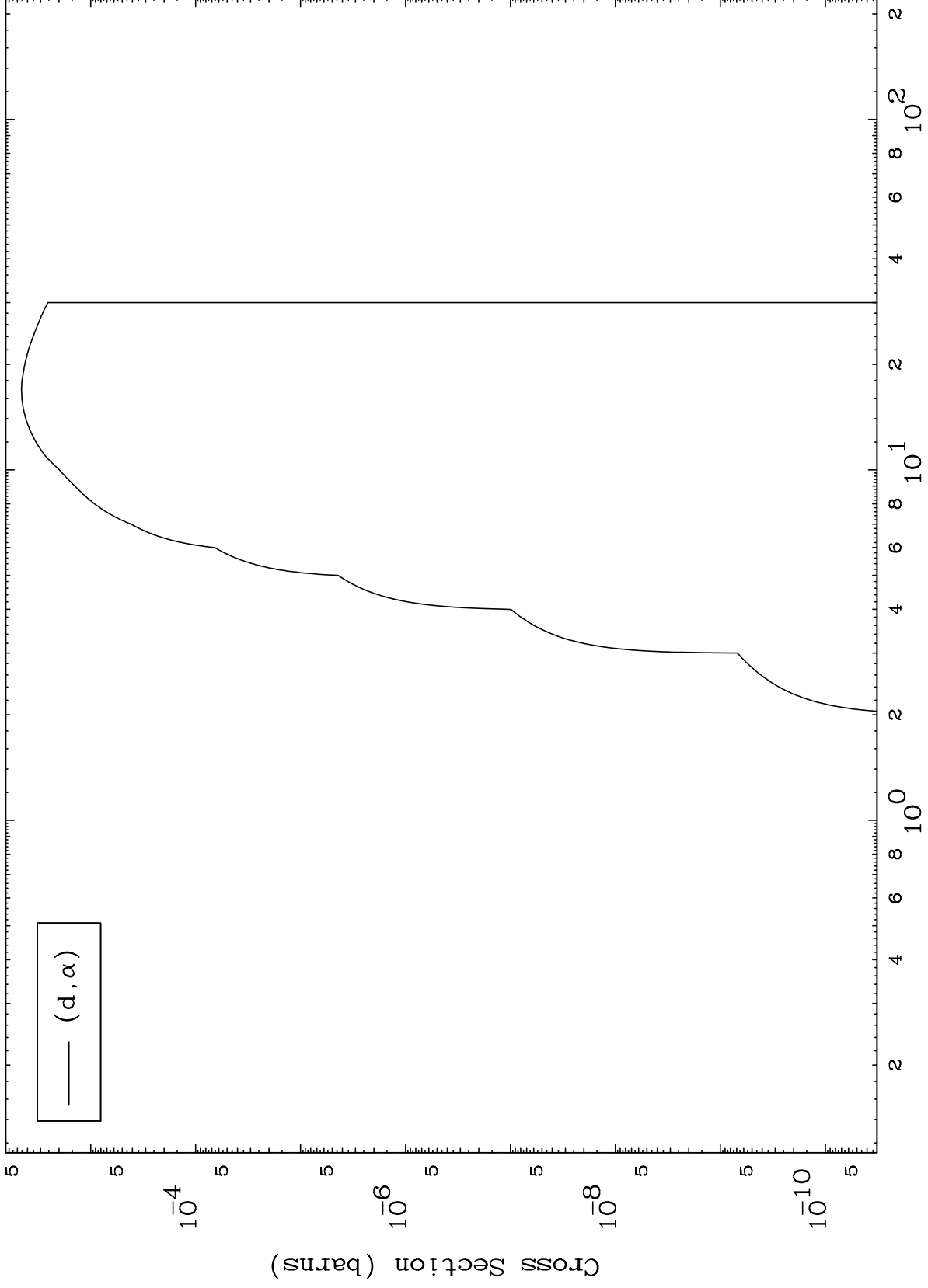
Incident Energy (MeV)

54-Xe-131

MAT 5446

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

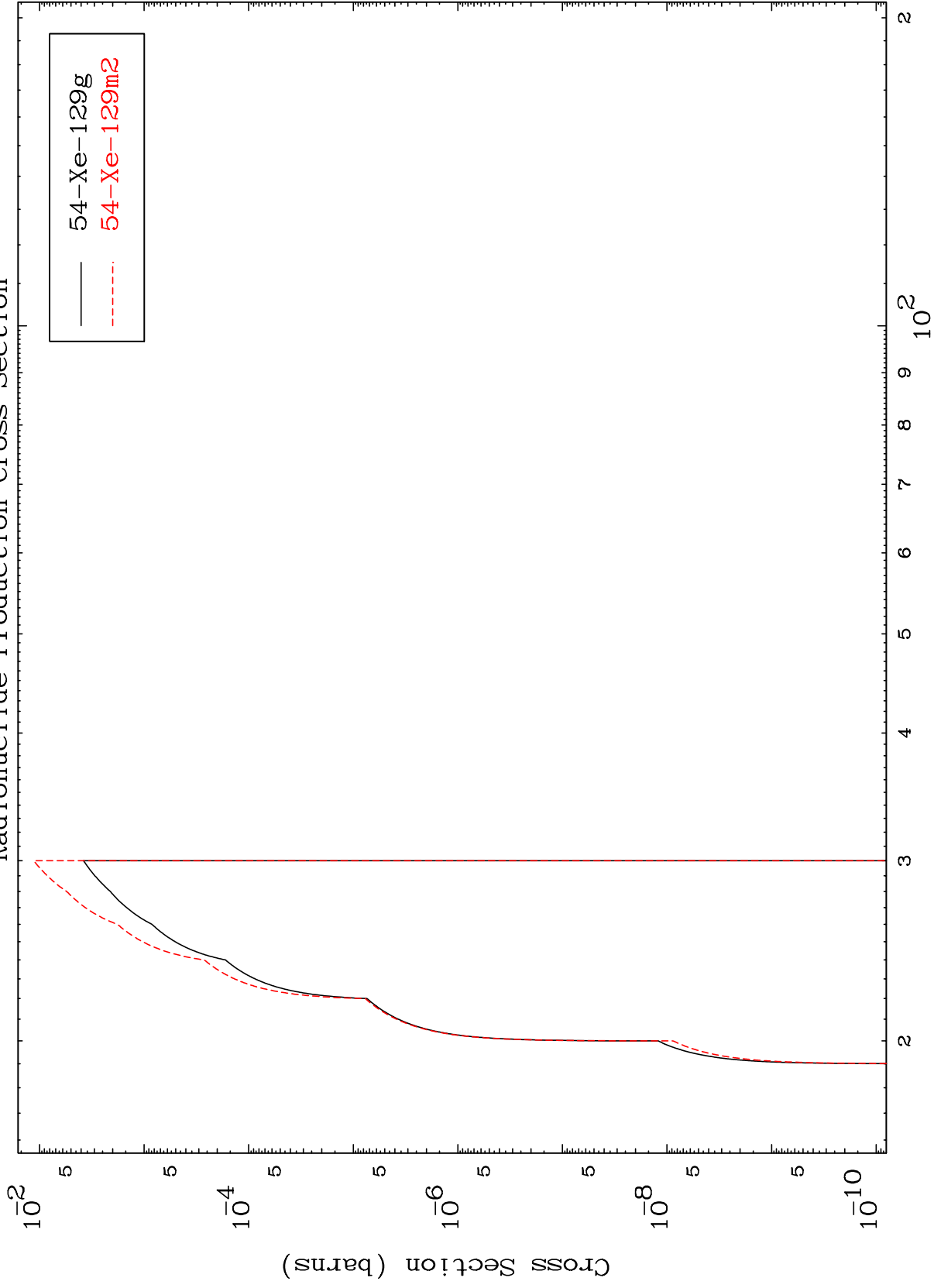
54-Xe-131



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54-Xe-131

(d,2n) d  
Radionuclide Production Cross Section



12

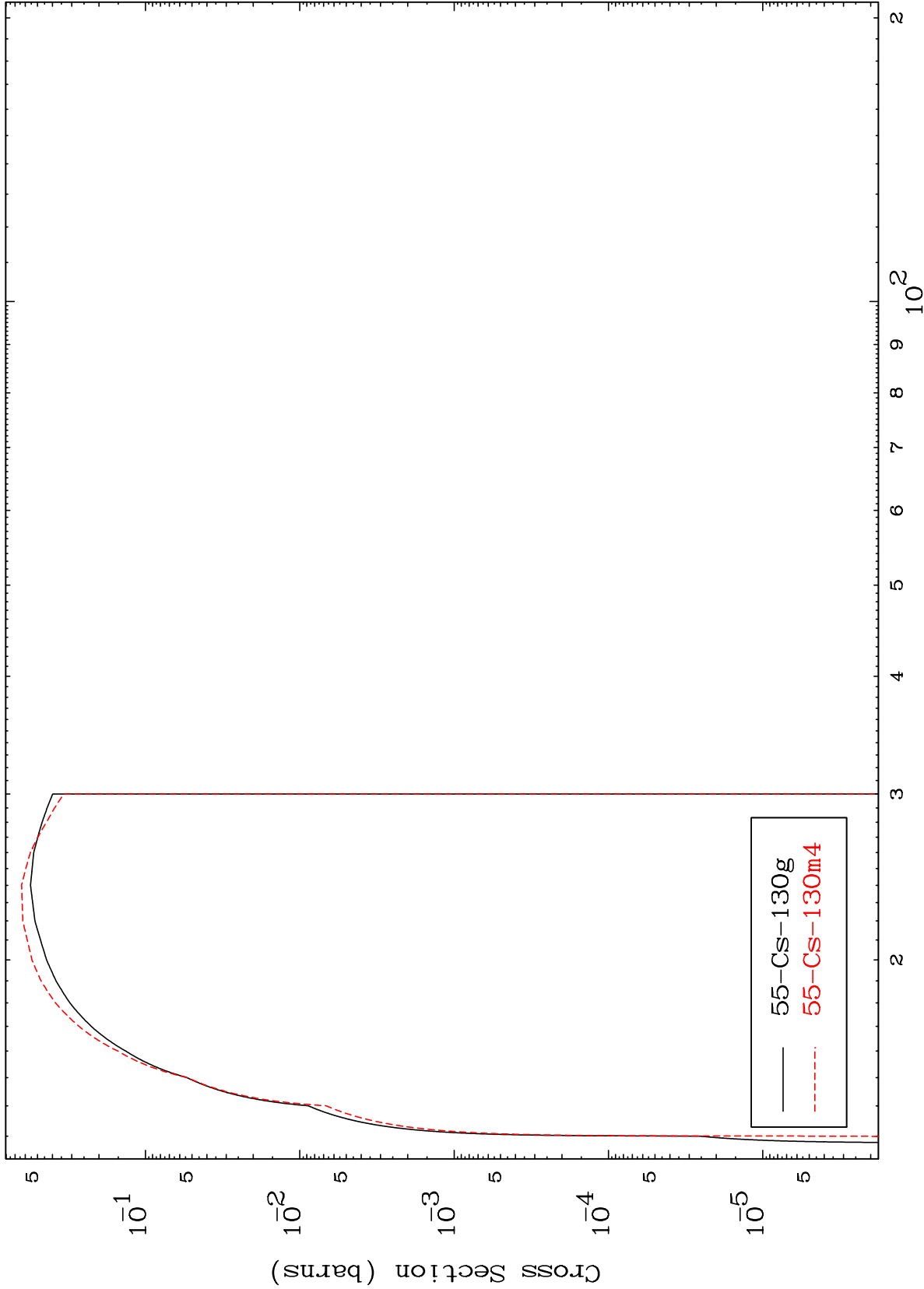
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

(d,3n)  
Radionuclide Production Cross Section



13

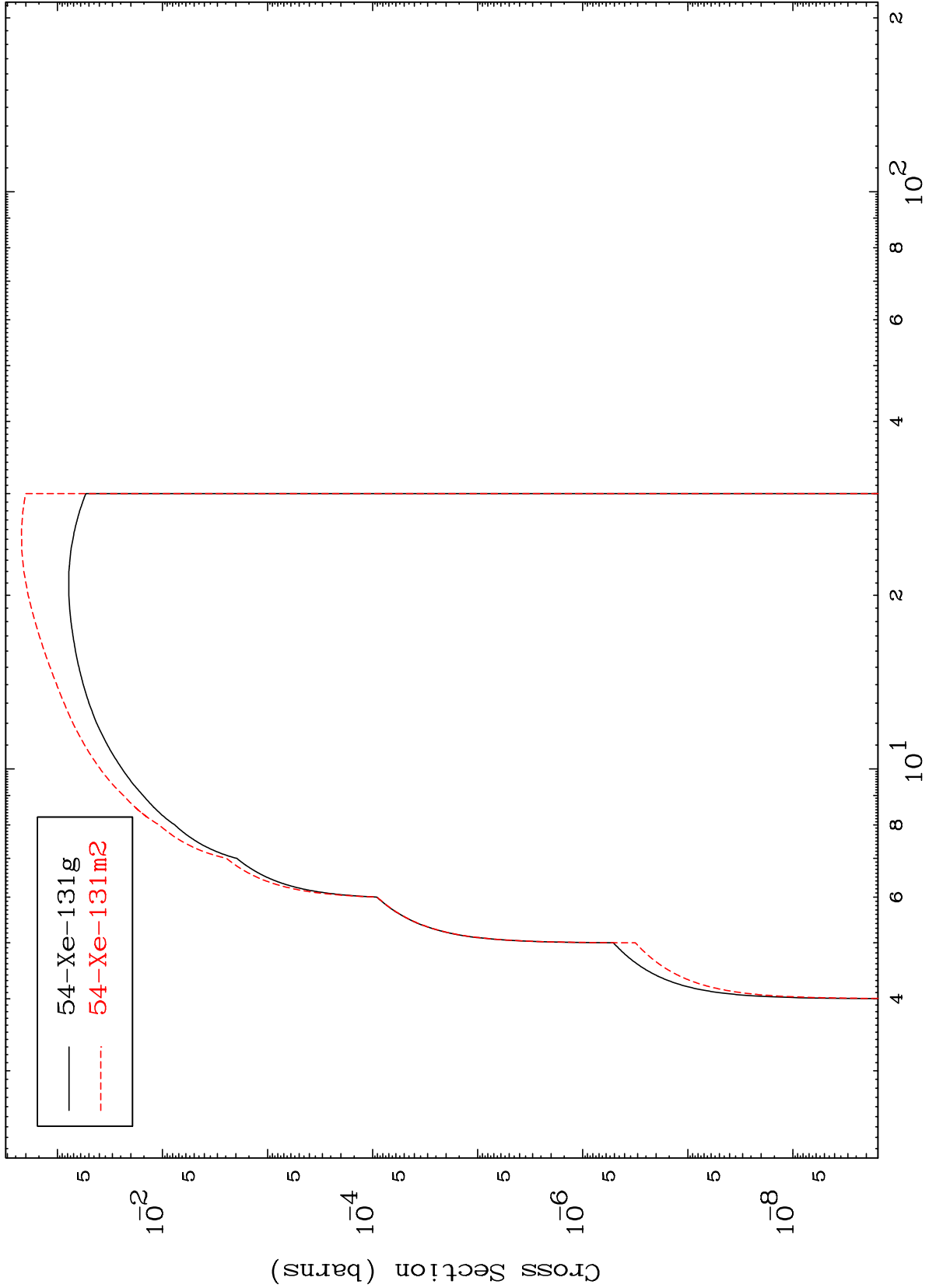
Incident Energy (MeV)

54-Xe-131

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<sup>54</sup>Xe-131

Radionuclide Production Cross Section (d,n') p



14

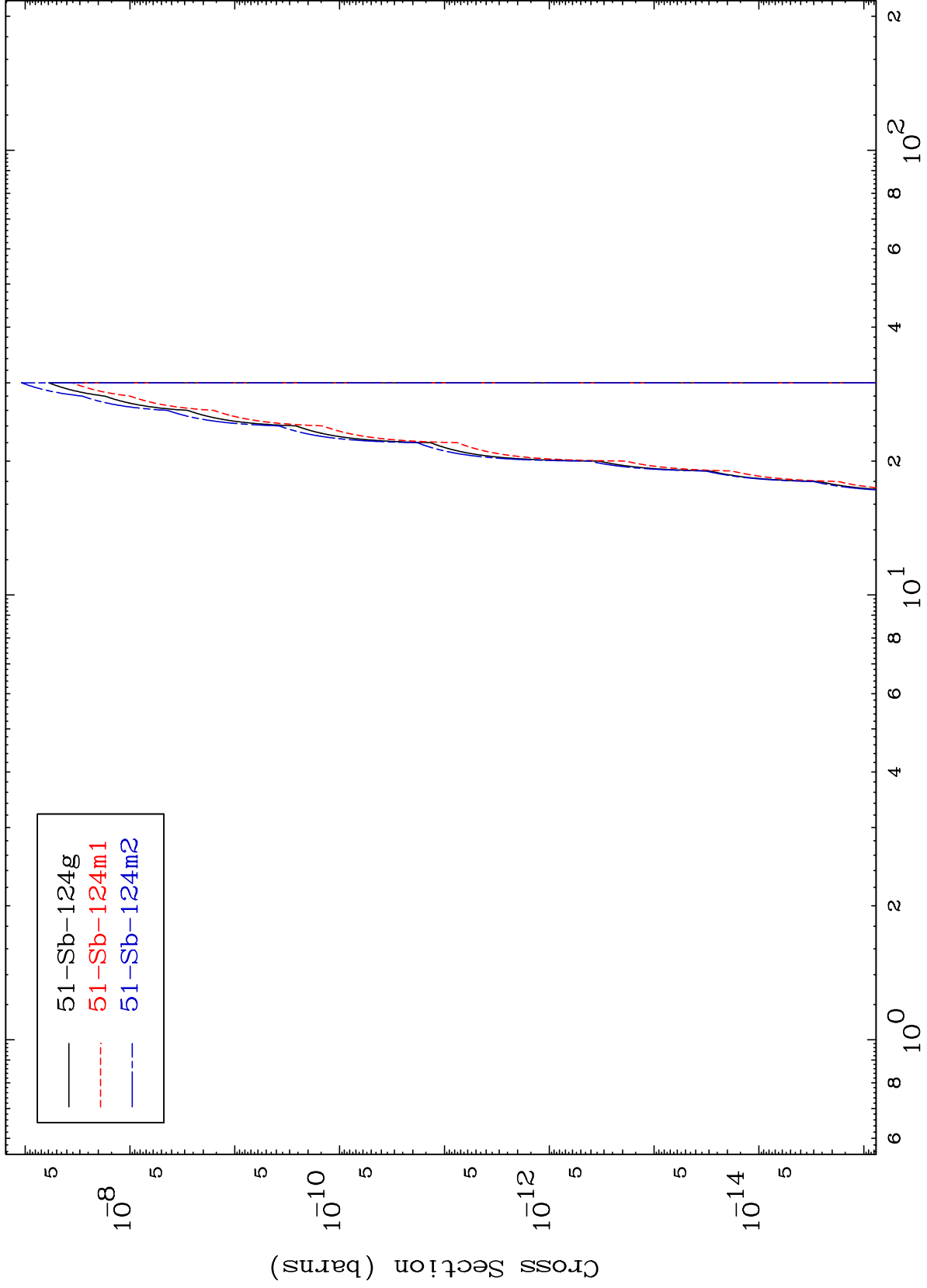
<sup>54</sup>Xe-131

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(d,n') 2 $\alpha$

54-Xe-131

Radionuclide Production Cross Section



15

Incident Energy (MeV)

54-Xe-131

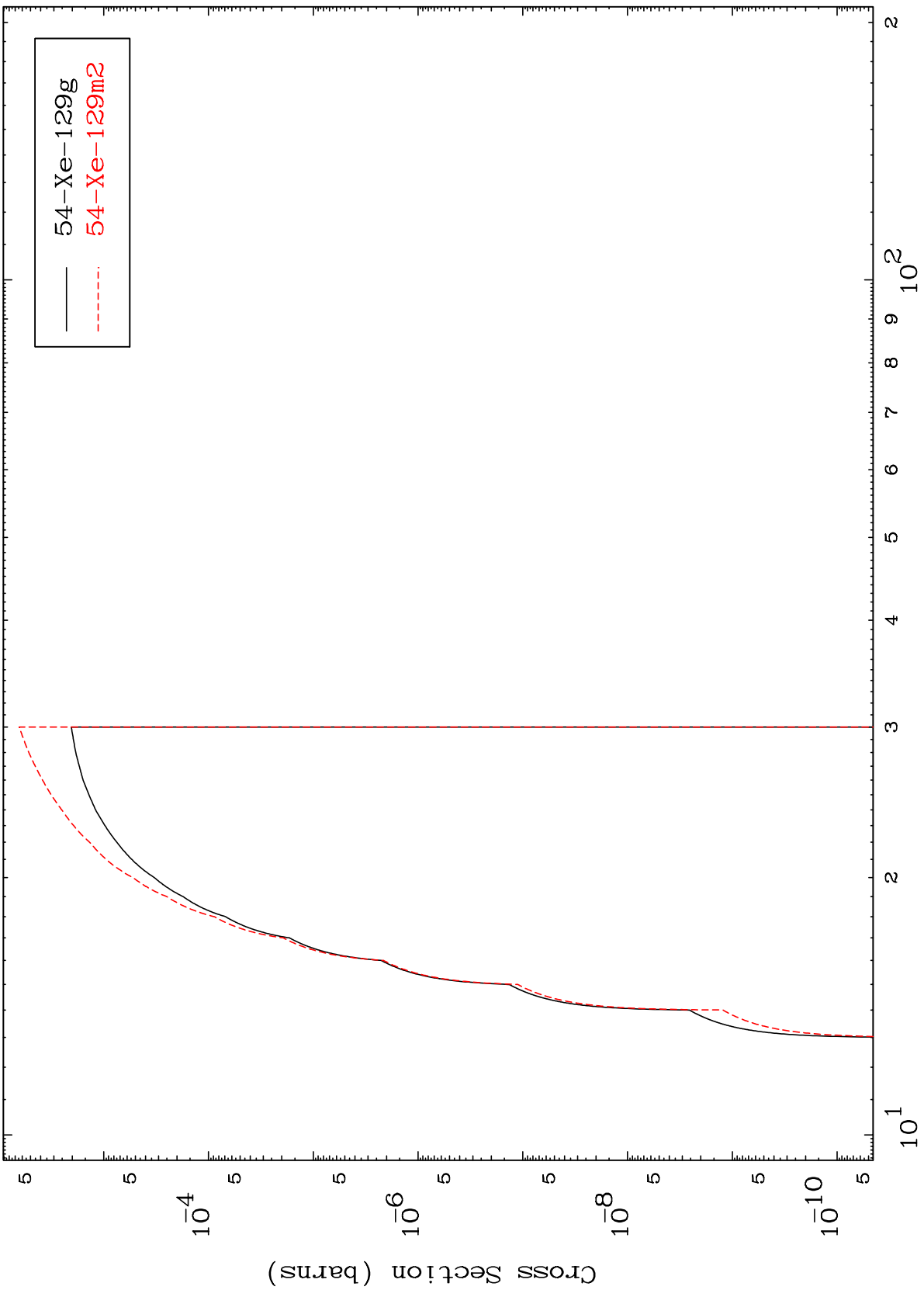


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(d,n') t

54-Xe-131

Radionuclide Production Cross Section



Incident Energy (MeV)

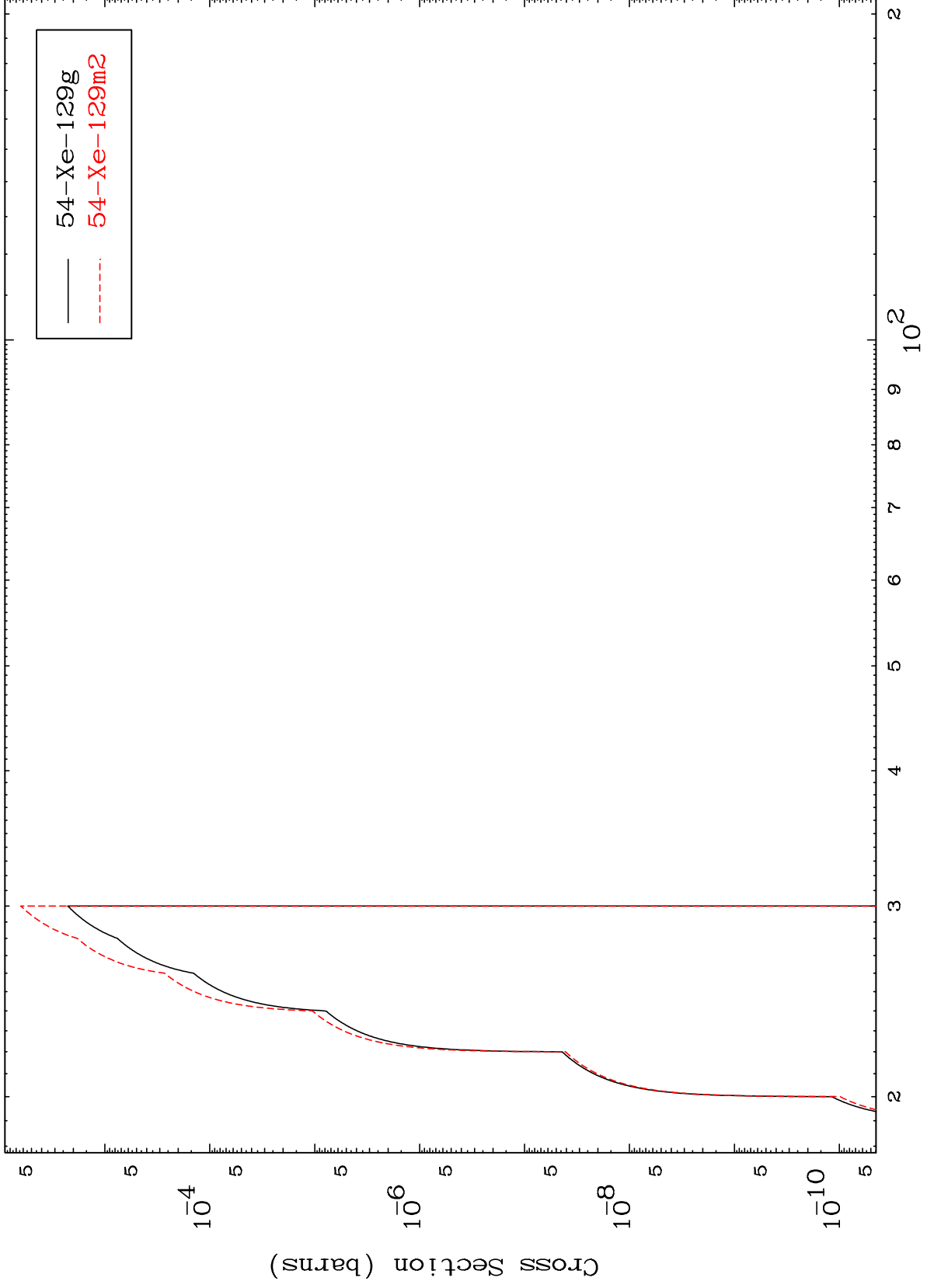
54-Xe-131

MAT 5446

(d,3n) p

54-Xe-131

Radionuclide Production Cross Section



17

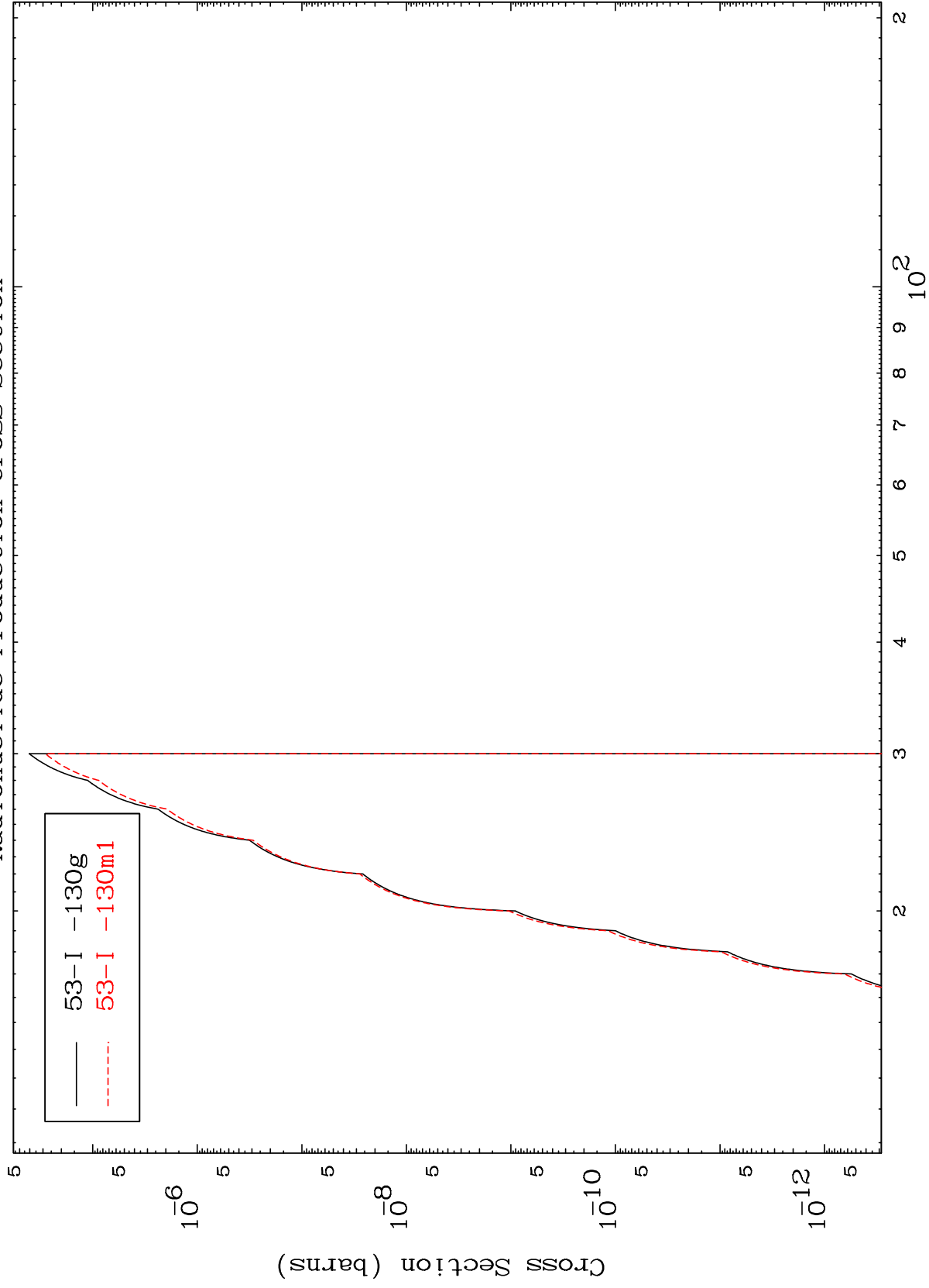
Incident Energy (MeV)

54-Xe-131

MAT 5446

54-Xe-131

(d,2n) p  
Radionuclide Production Cross Section



54-Xe-131

Incident Energy (MeV)

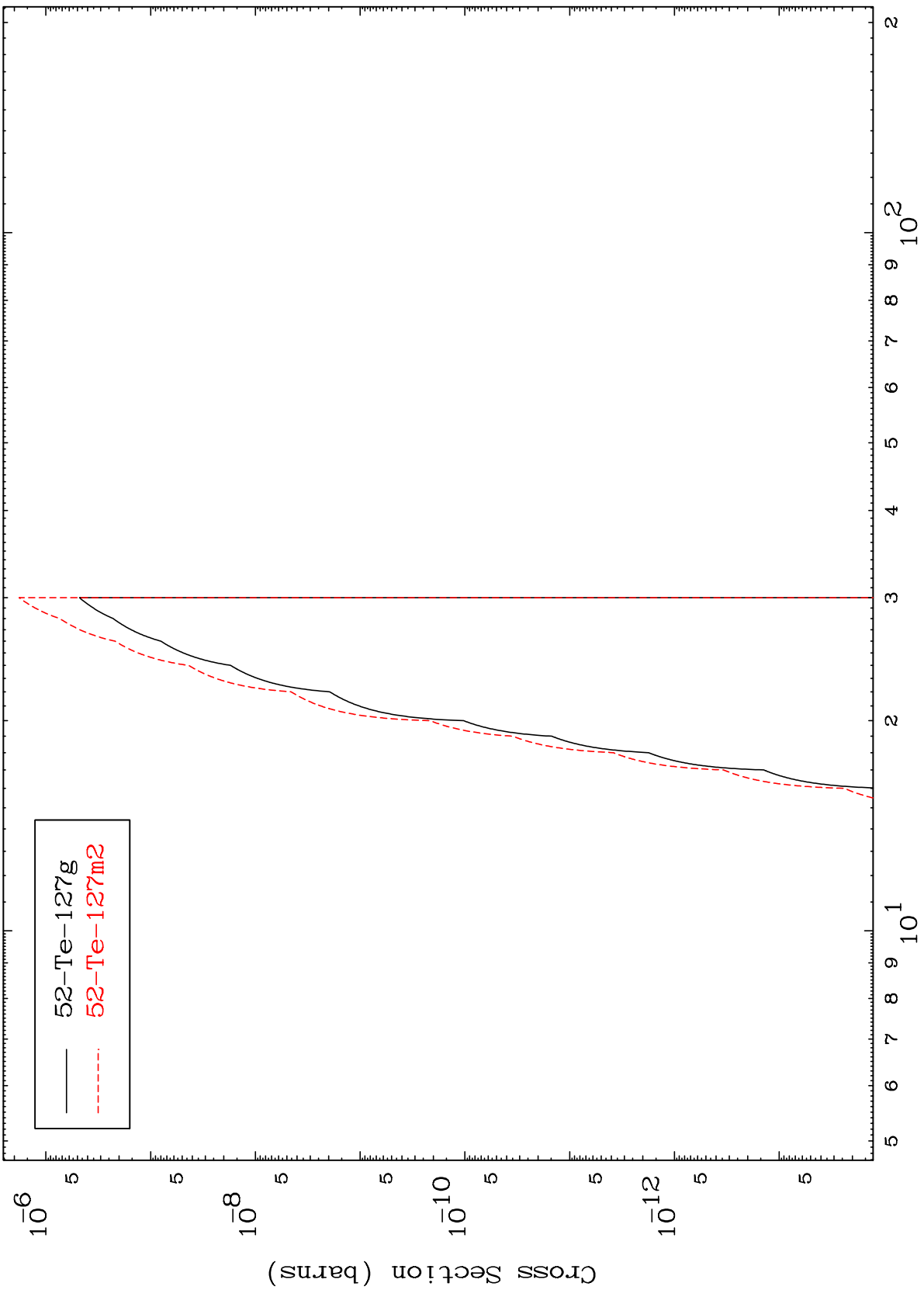
18

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(d,n') p  $\alpha$

54-Xe-131

Radionuclide Production Cross Section



19

Incident Energy (MeV)

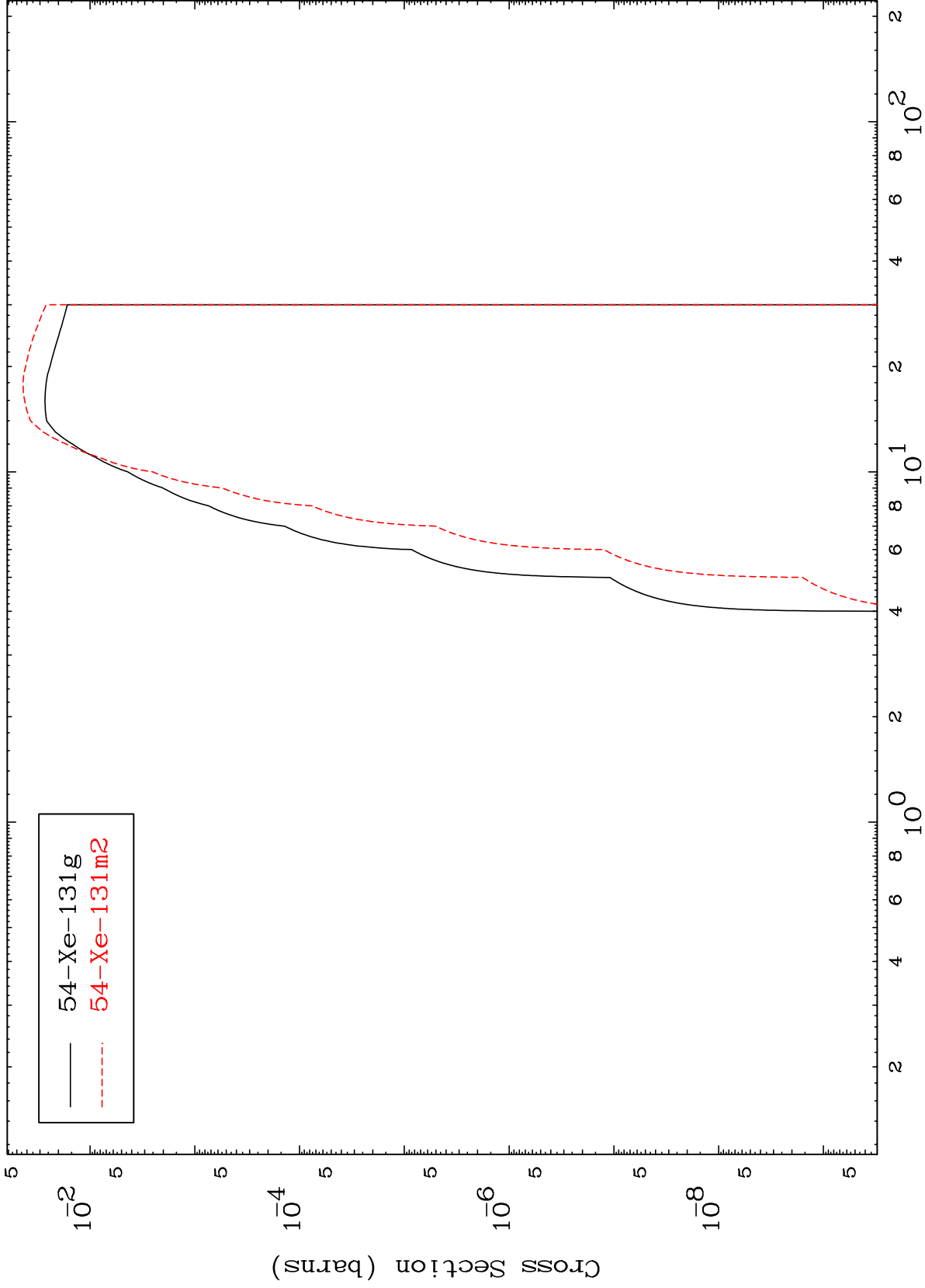
54-Xe-131

MAT 5446

(d,d)

54-Xe-131

Radionuclide Production Cross Section



20

Incident Energy (MeV)

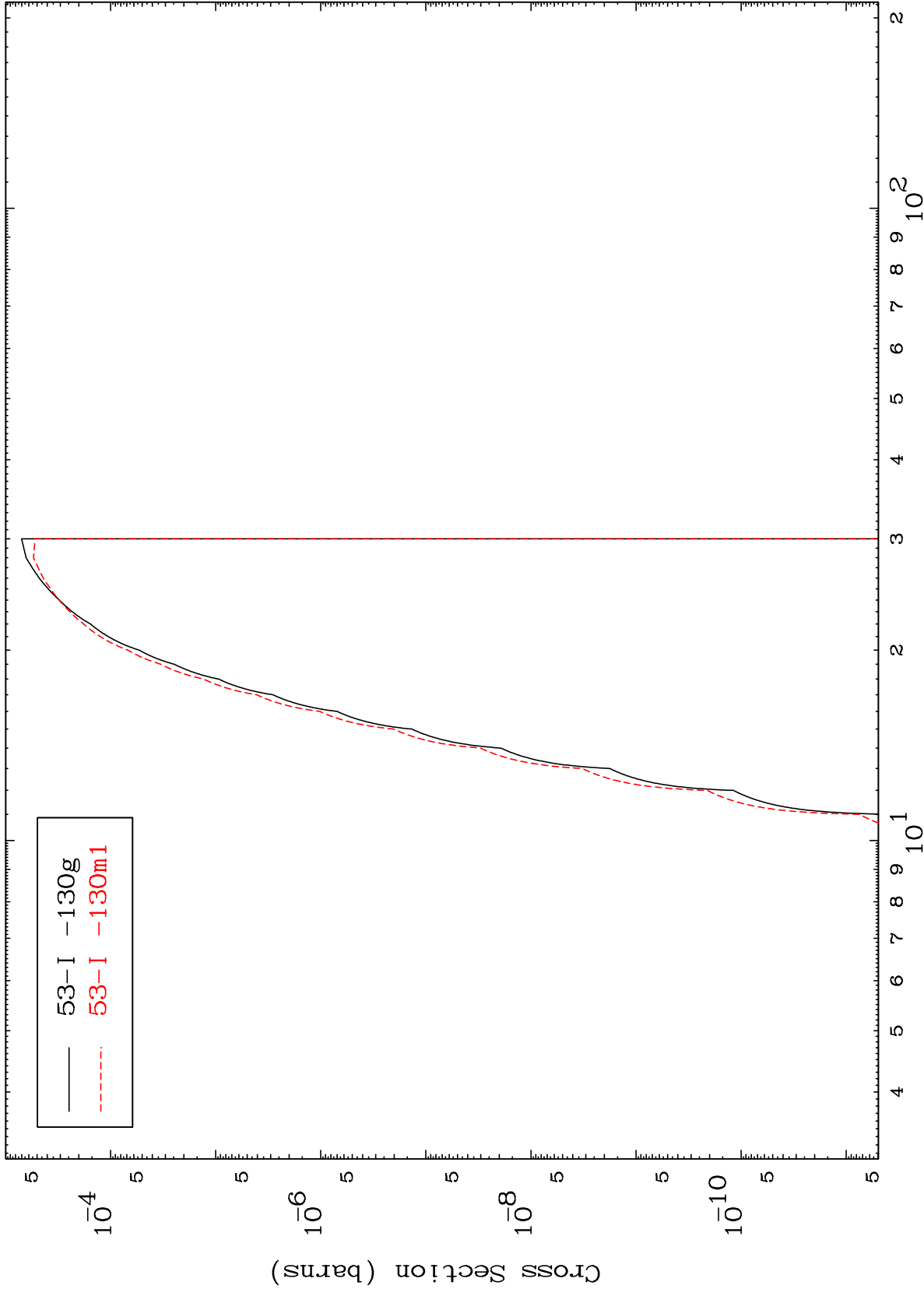
54-Xe-131

MAT 5446

(d,He-3)

54-Xe-131

Radionuclide Production Cross Section



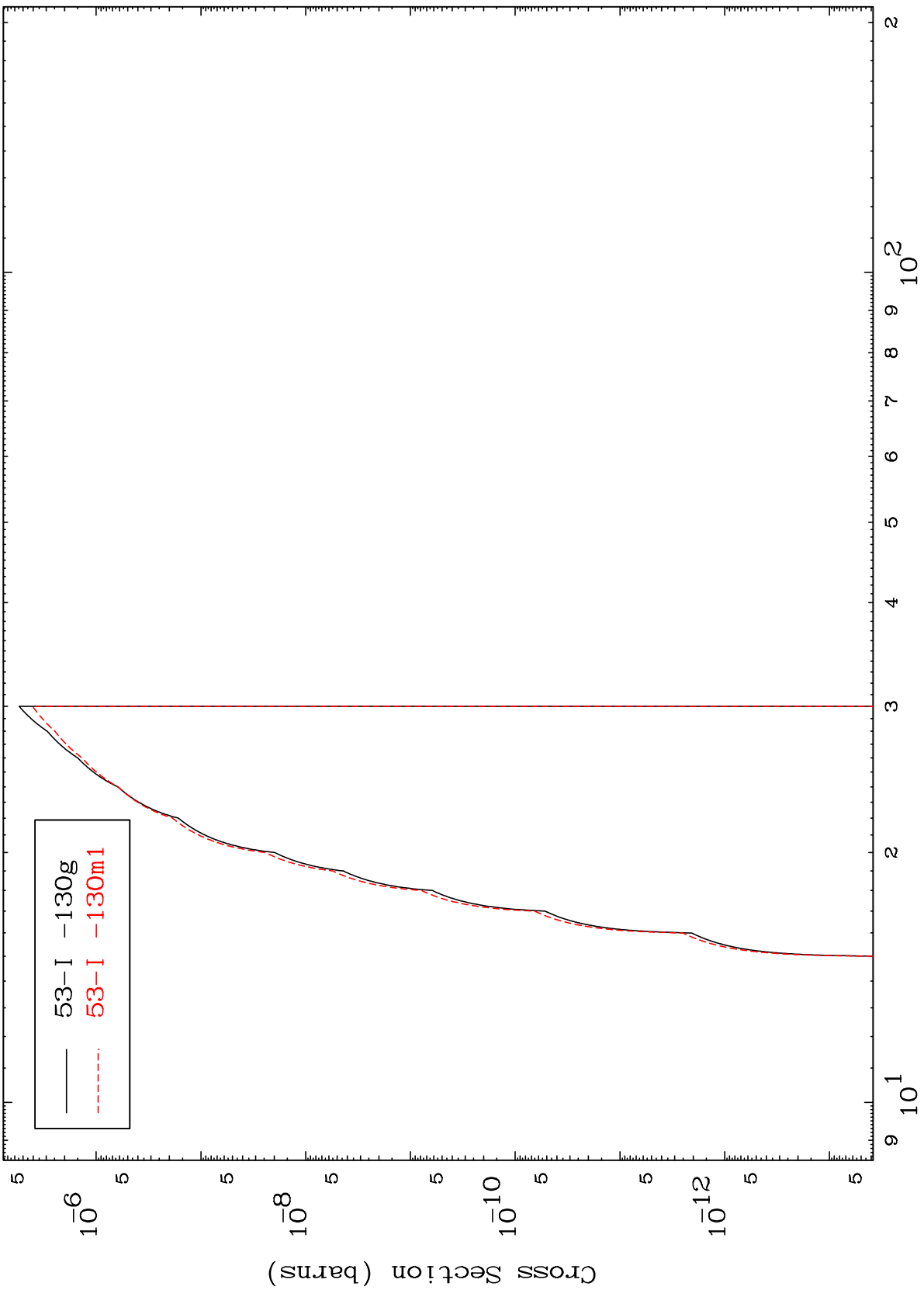
53-I-130g  
53-I-130m1

MAT 5446

(d,p) d

54-Xe-131

Radionuclide Production Cross Section



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

22

Incident Energy (MeV)

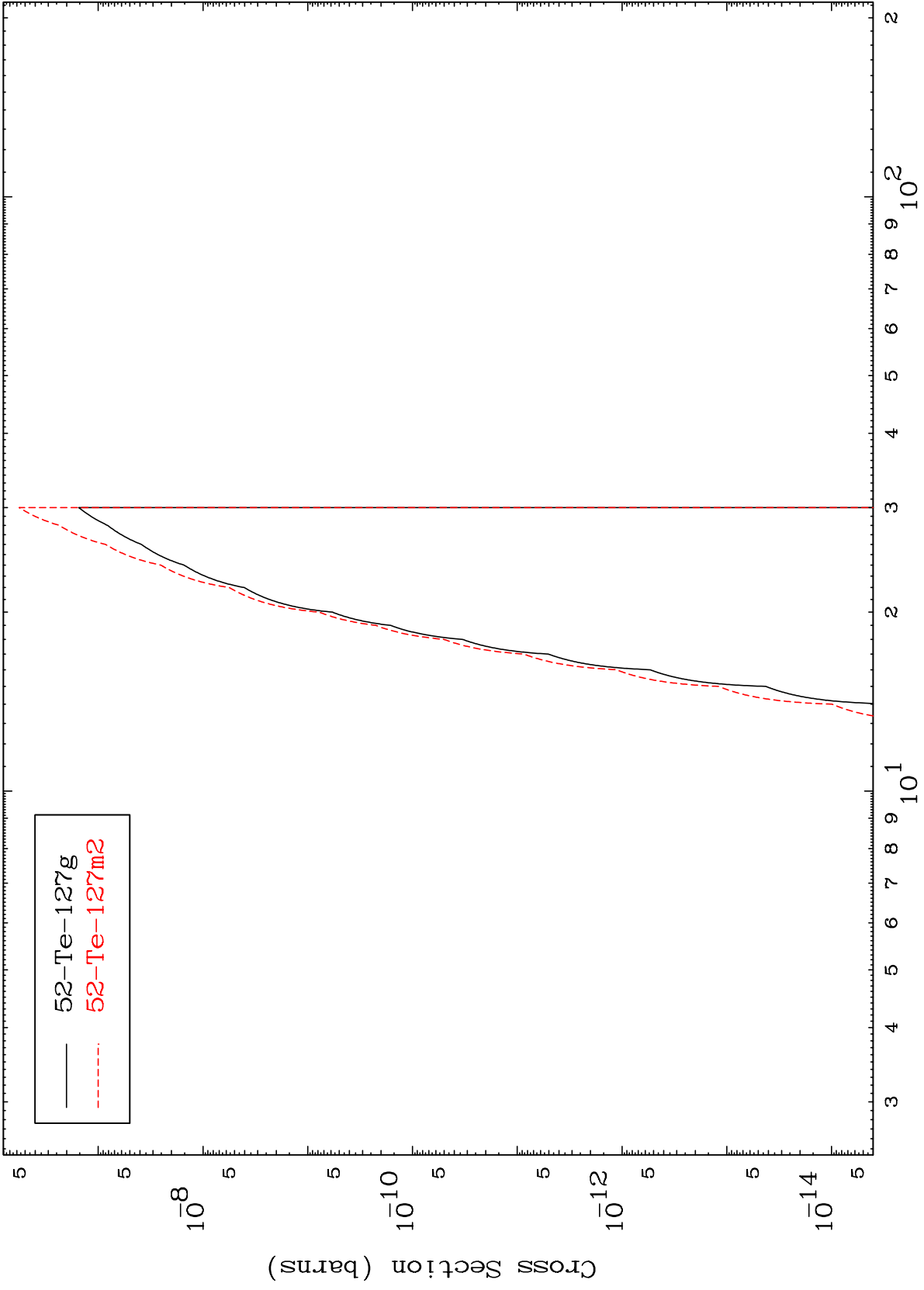
54-Xe-131

MAT 5446

(d,d)  $\alpha$

54-Xe-131

Radionuclide Production Cross Section



23

Incident Energy (MeV)

54-Xe-131