

Program EVALPLOT  
(Version 2015-2)

by

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(Present Contact Information)

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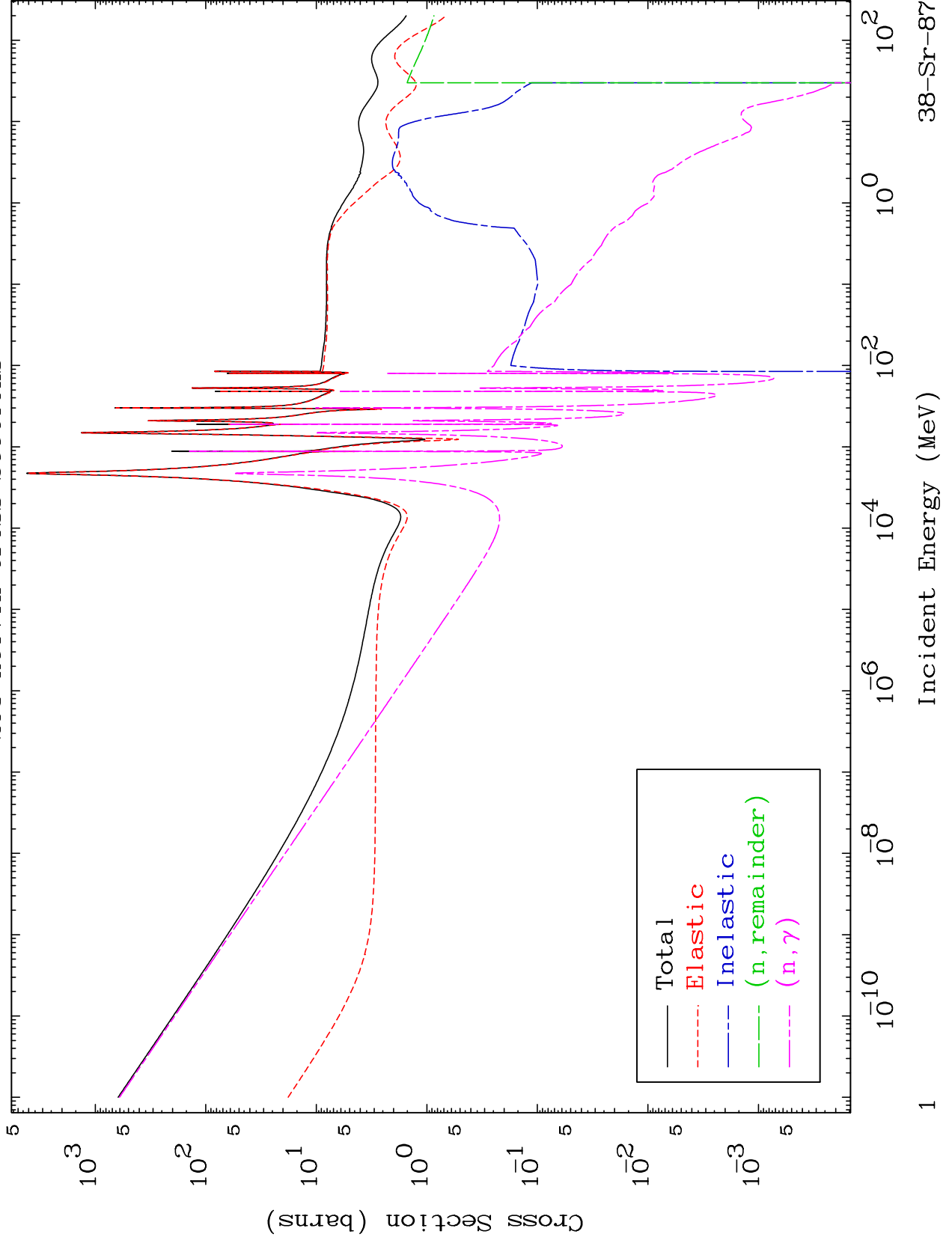
E.Mail:redcullen1@comcast.net  
Web:home.comcast.net/~redcullen1

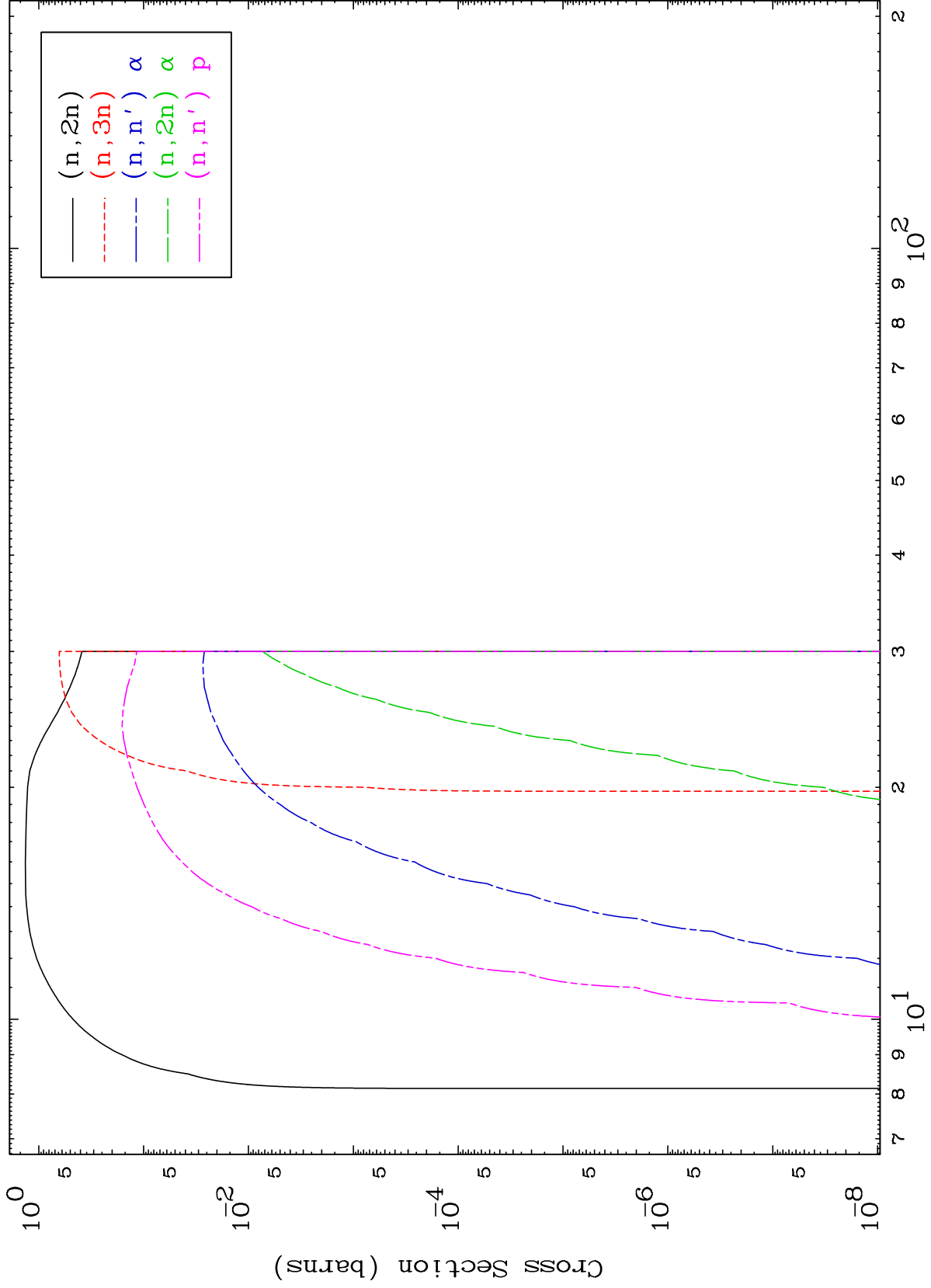
Press Mouse Button to Start

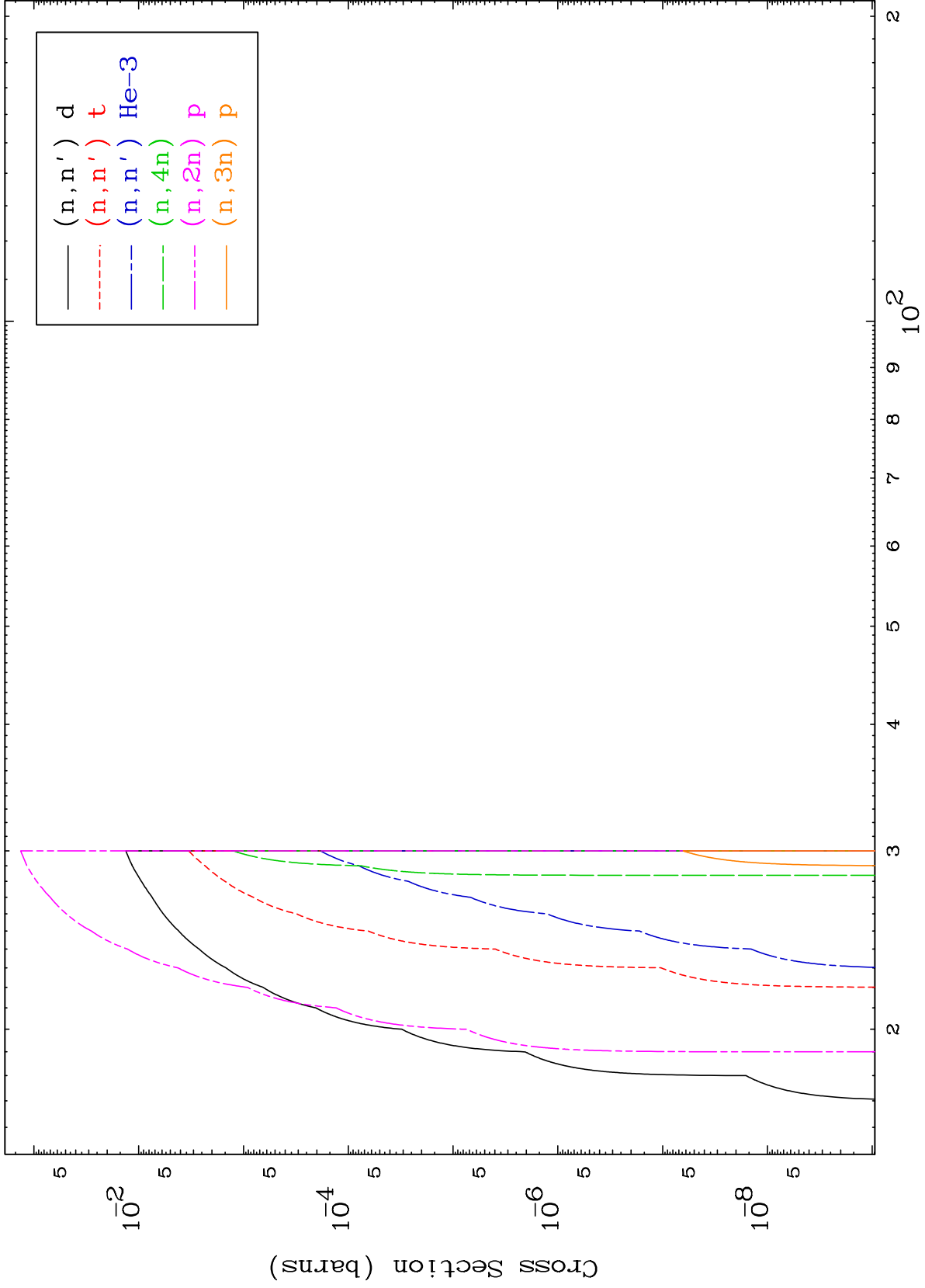
MAT 3835

Major  
293 Kelvin Cross Sections

38-Sr-87



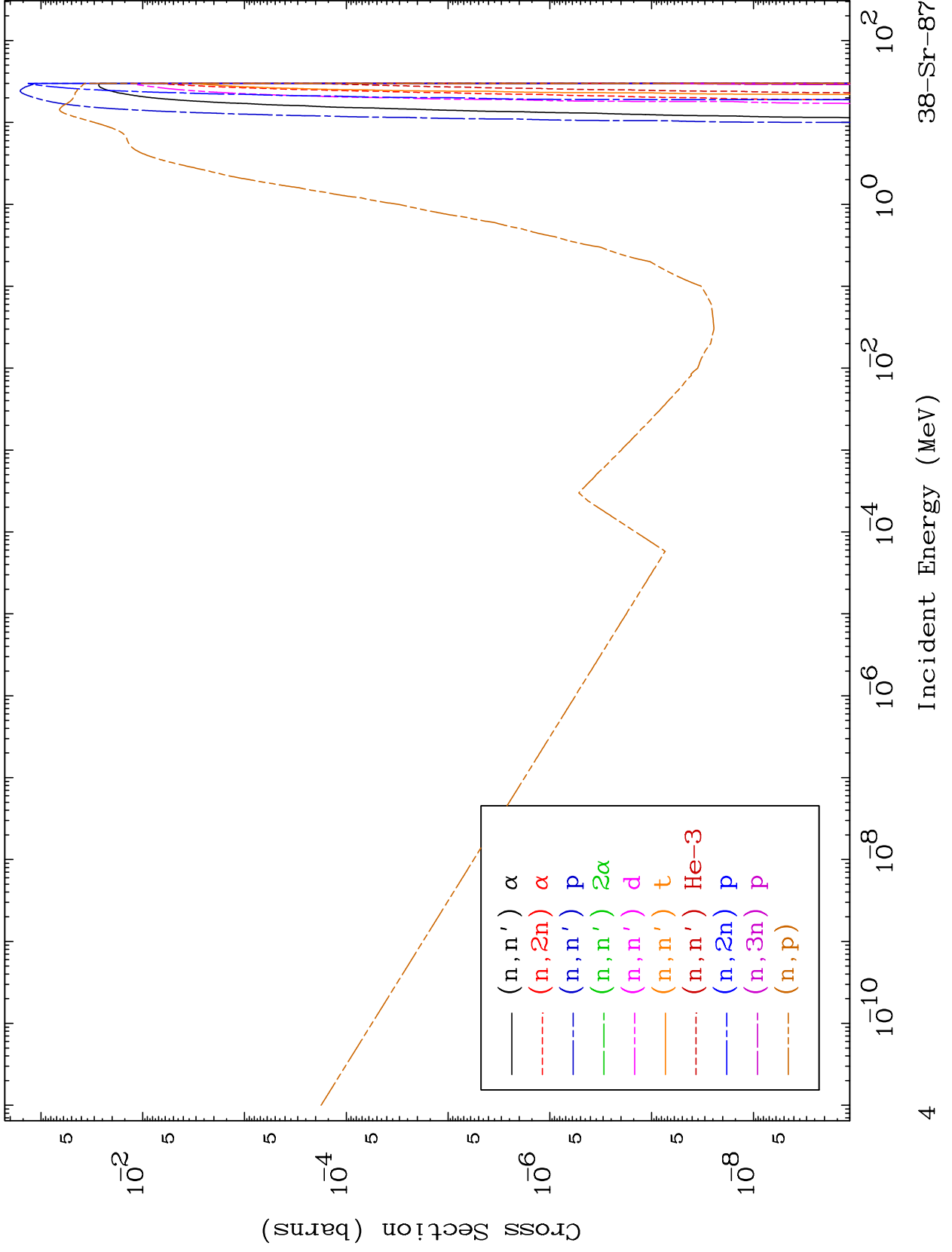




MAT 3835

Charged Particle  
293 Kelvin Cross Sections

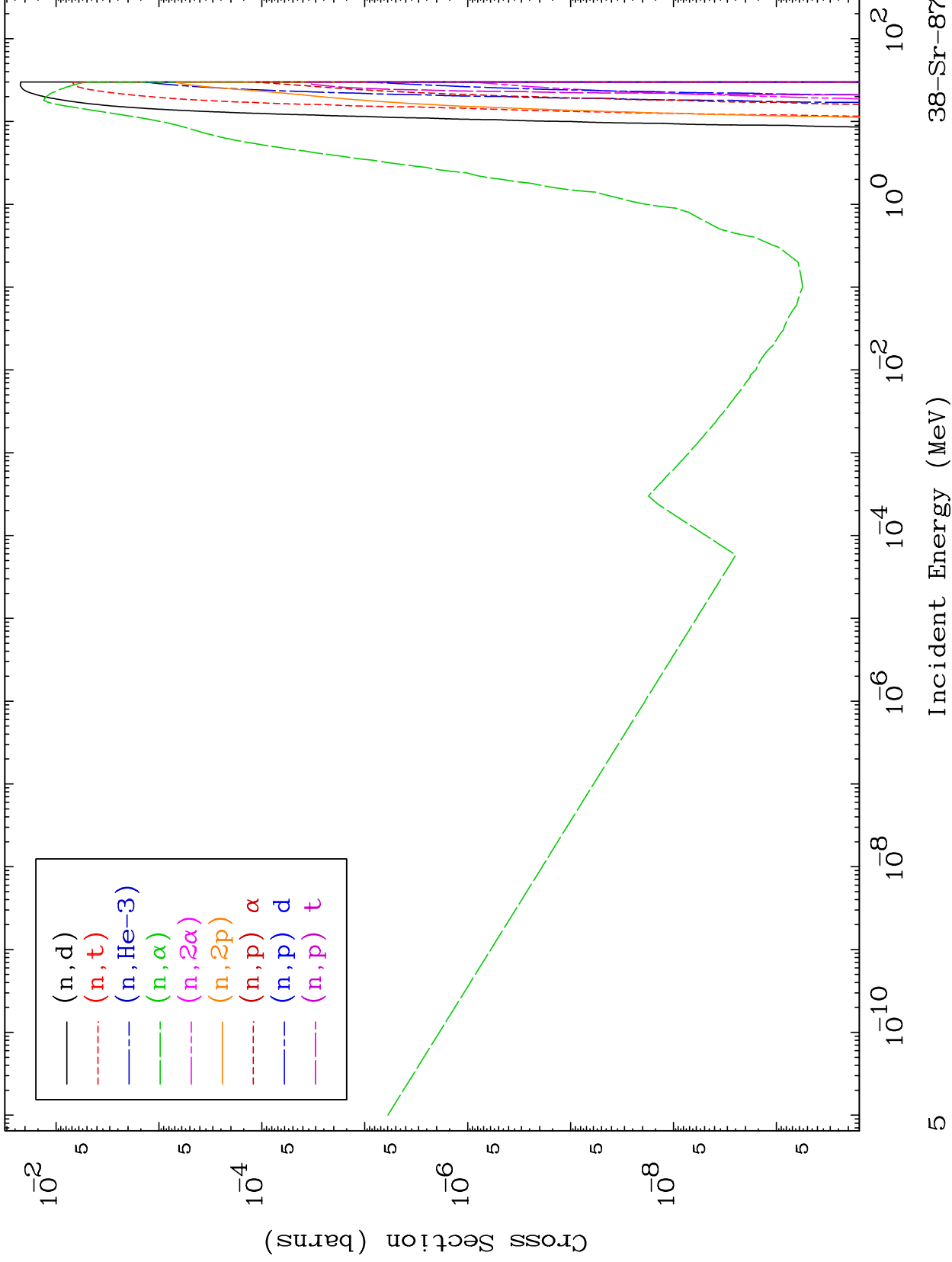
38-Sr-87



MAT 3835

Charged Particle  
293 Kelvin Cross Sections

38-Sr-87



5

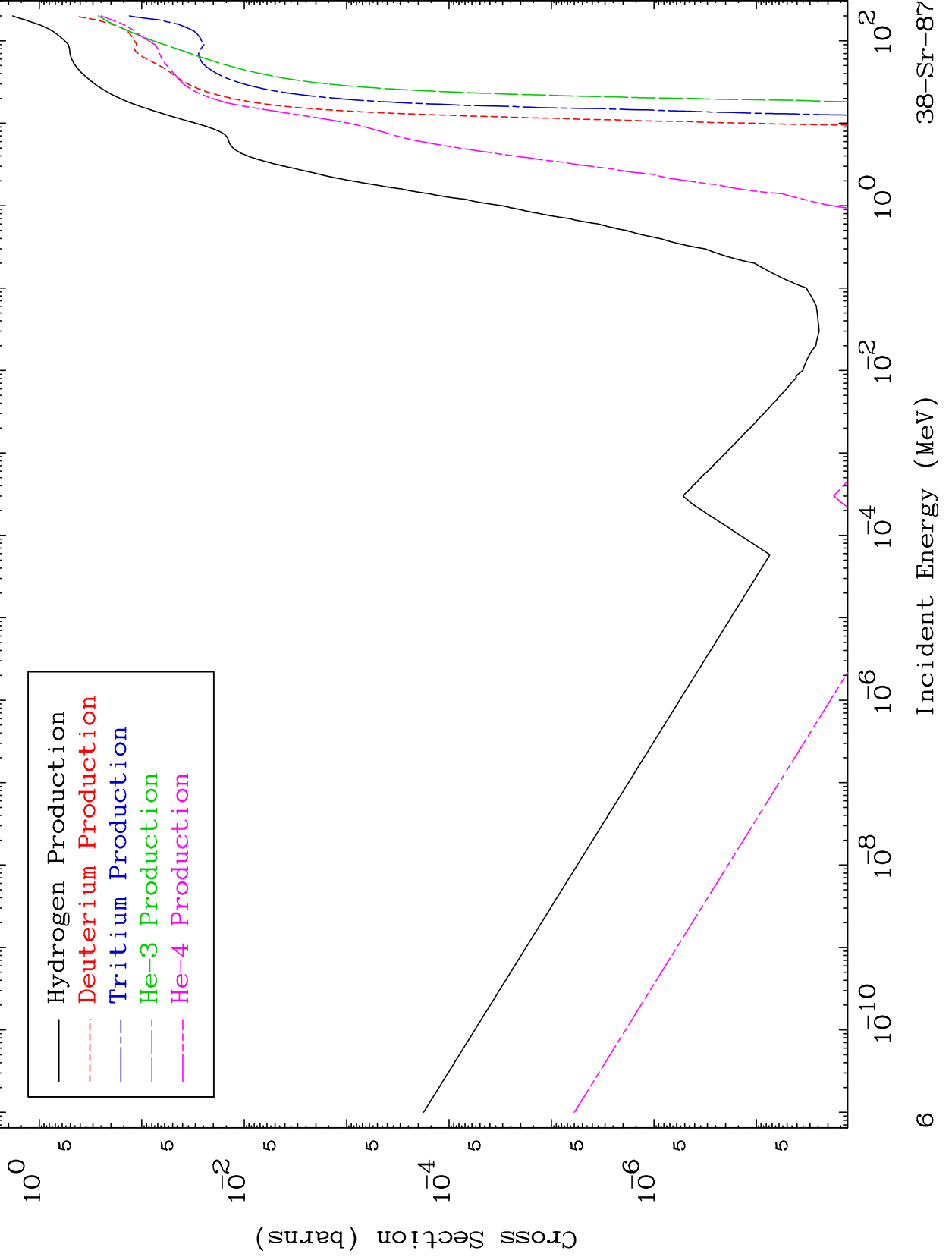
Incident Energy (MeV)

38-Sr-87

MAT 3835

Particle Production  
293 Kelvin Cross Sections

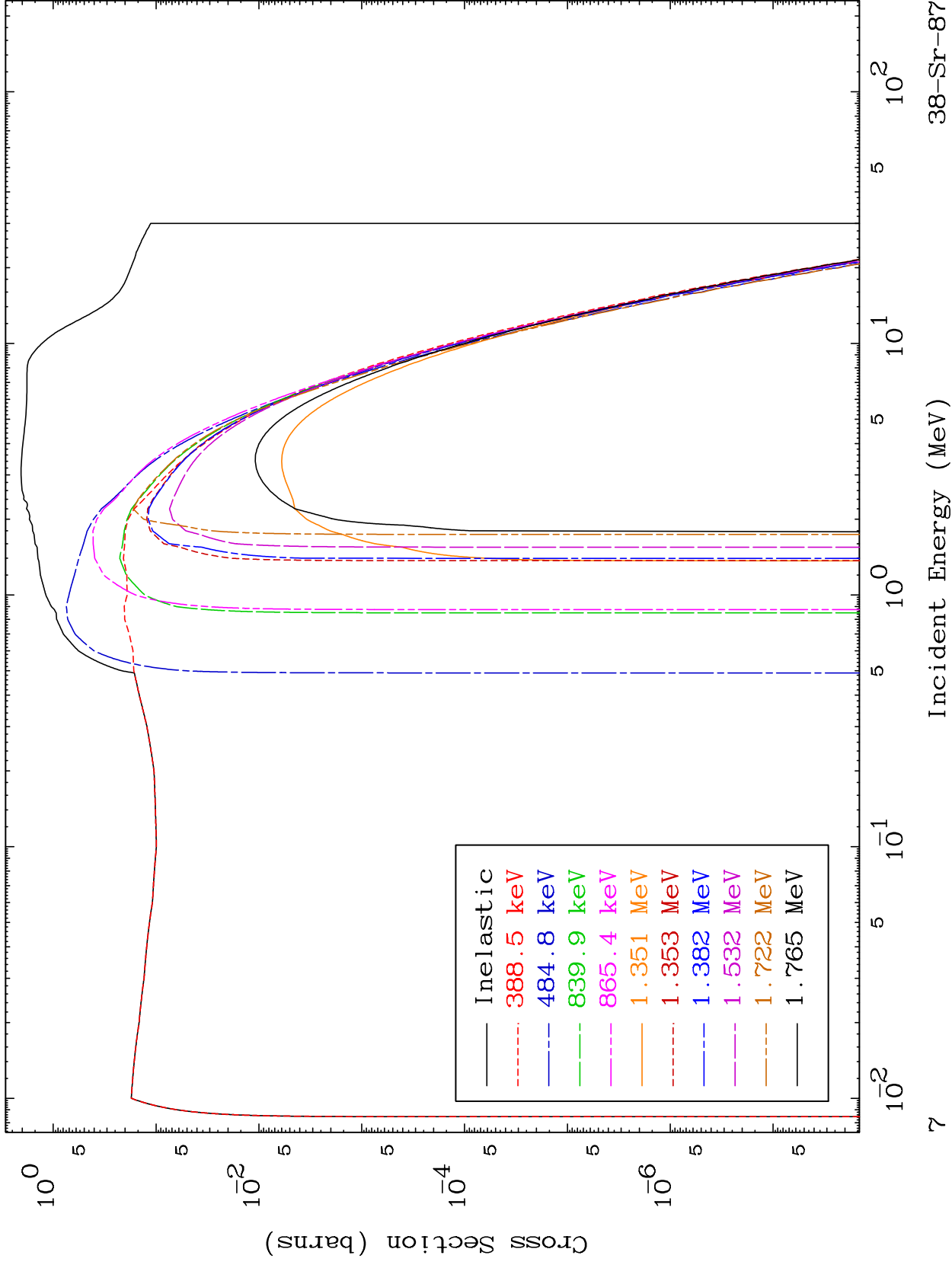
38-Sr-87



MAT 3835

(n,n') Level  
293 Kelvin Cross Sections

38-Sr-87

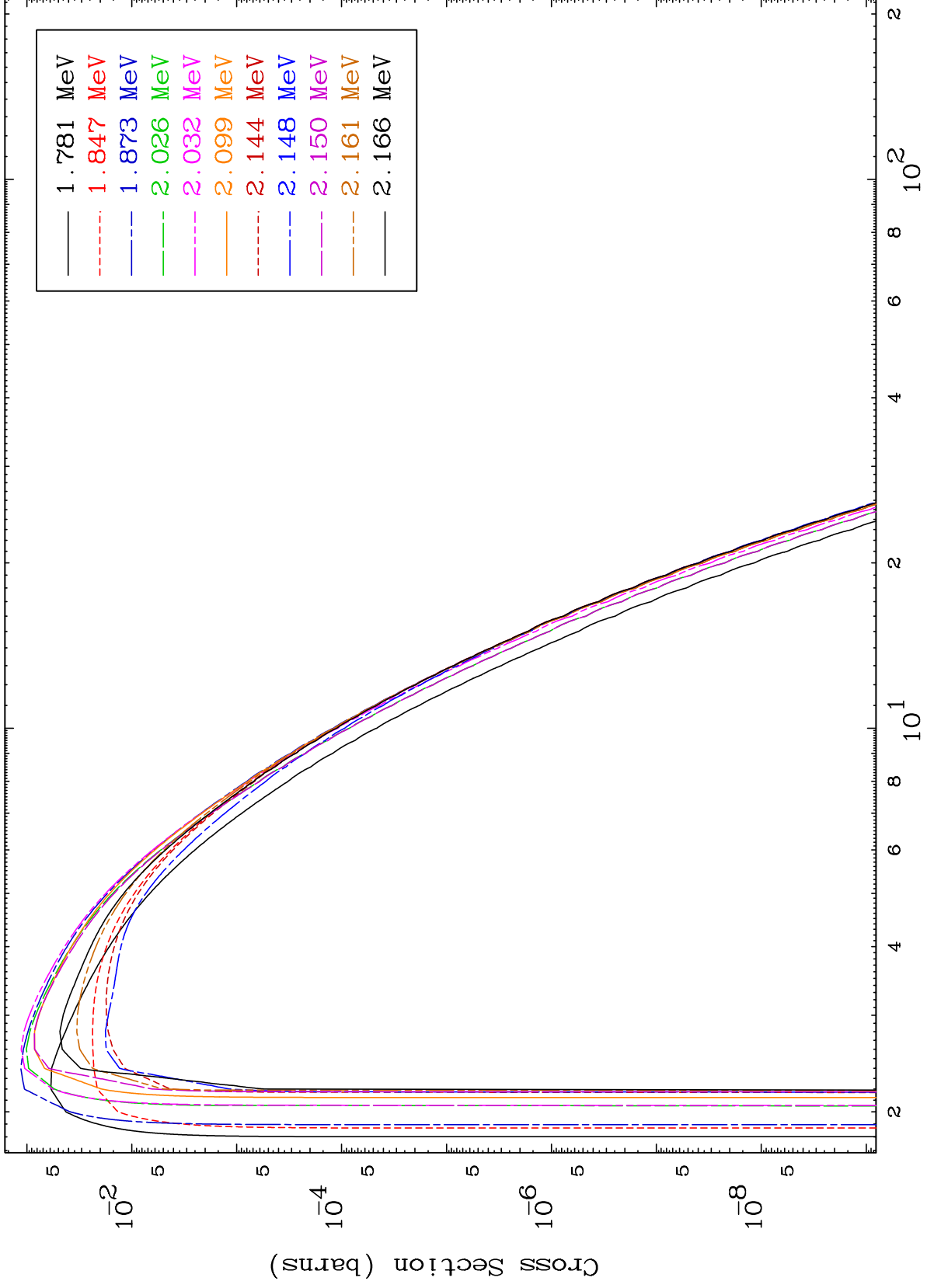




MAT 3835

(n,n') Level  
293 Kelvin Cross Sections

38-Sr-87

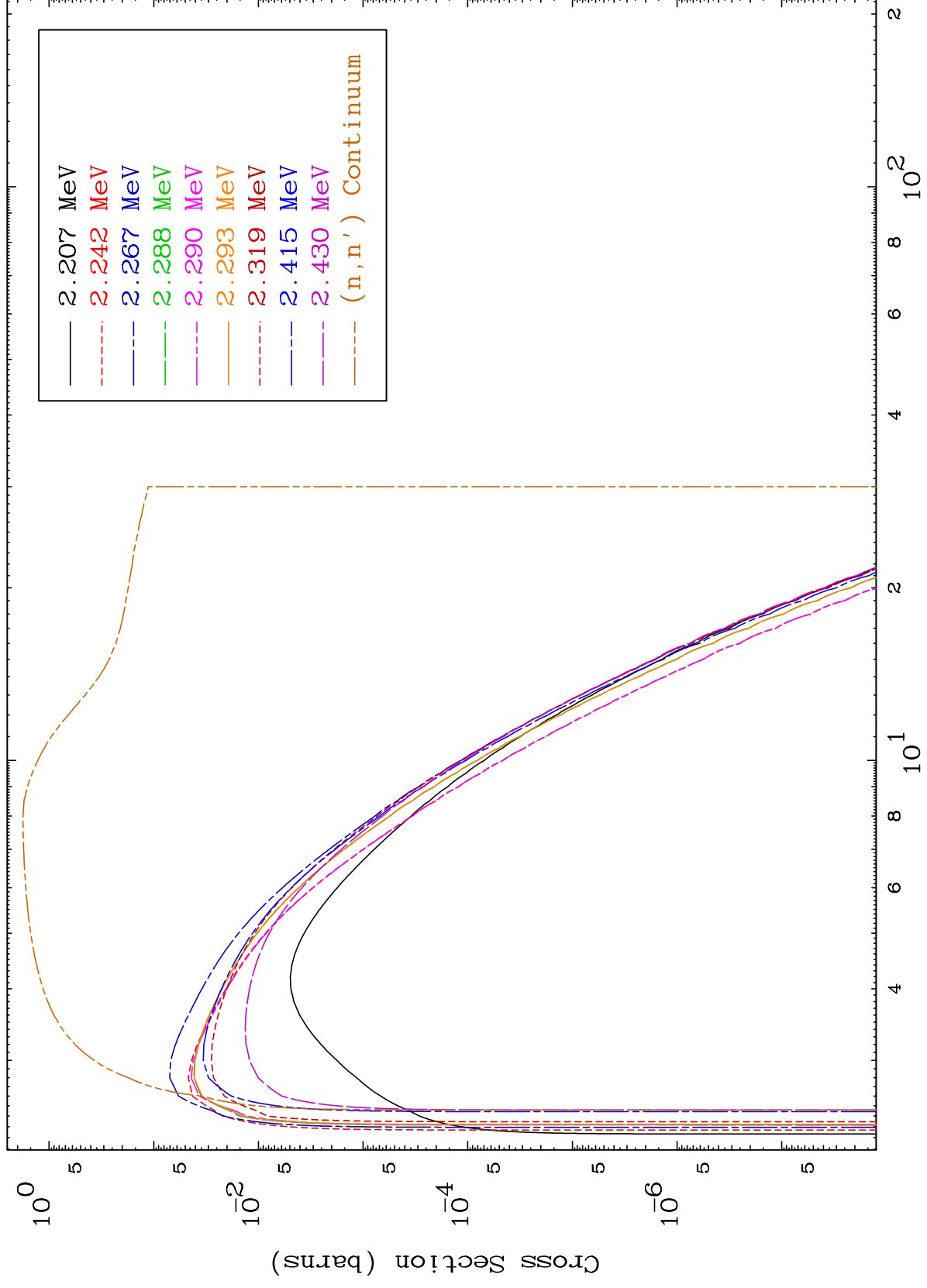


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Incident Energy (MeV)

38-Sr-87

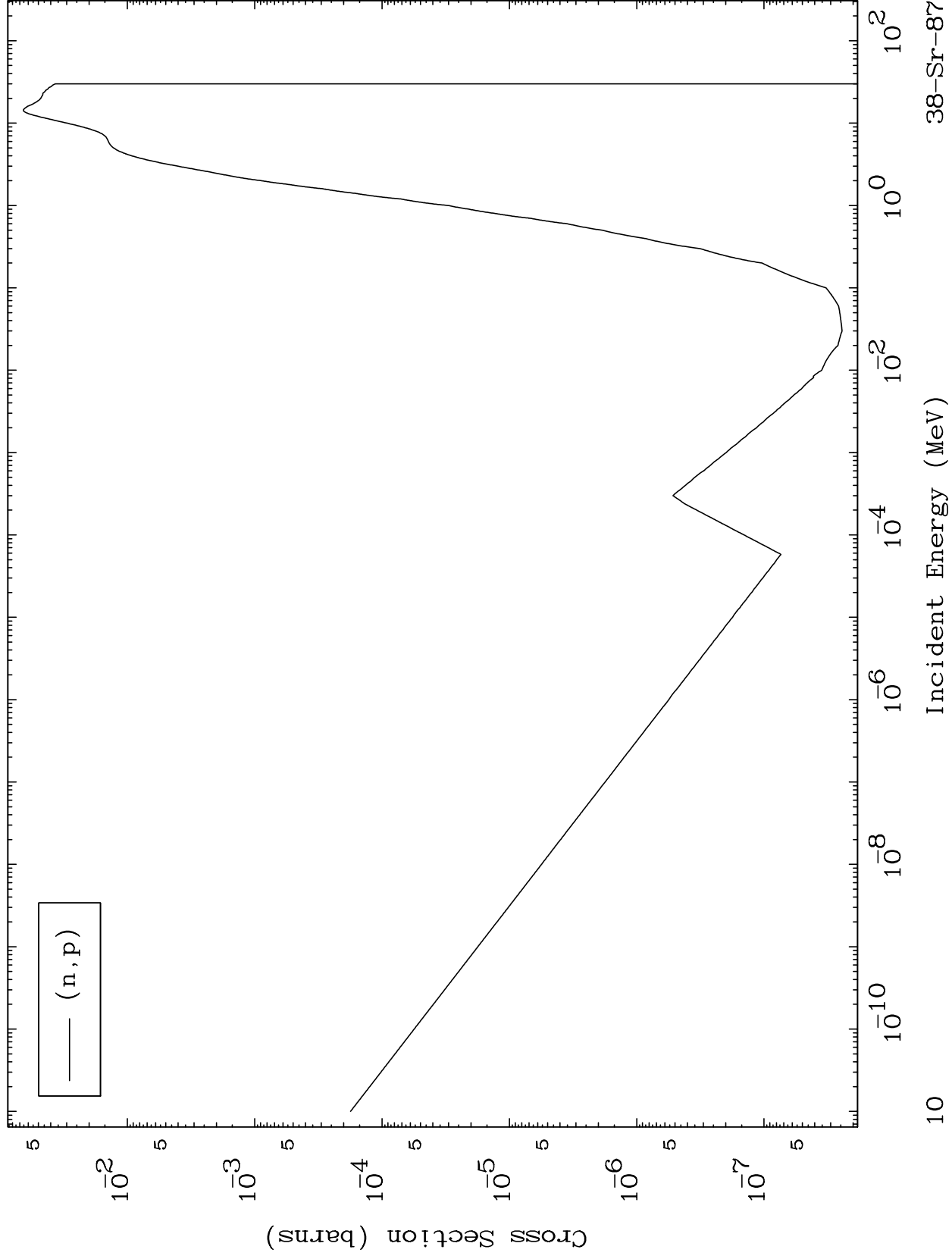
293 Kelvin Cross Sections



MAT 3835

(n,p) Levels  
293 Kelvin Cross Sections

38-Sr-87



10

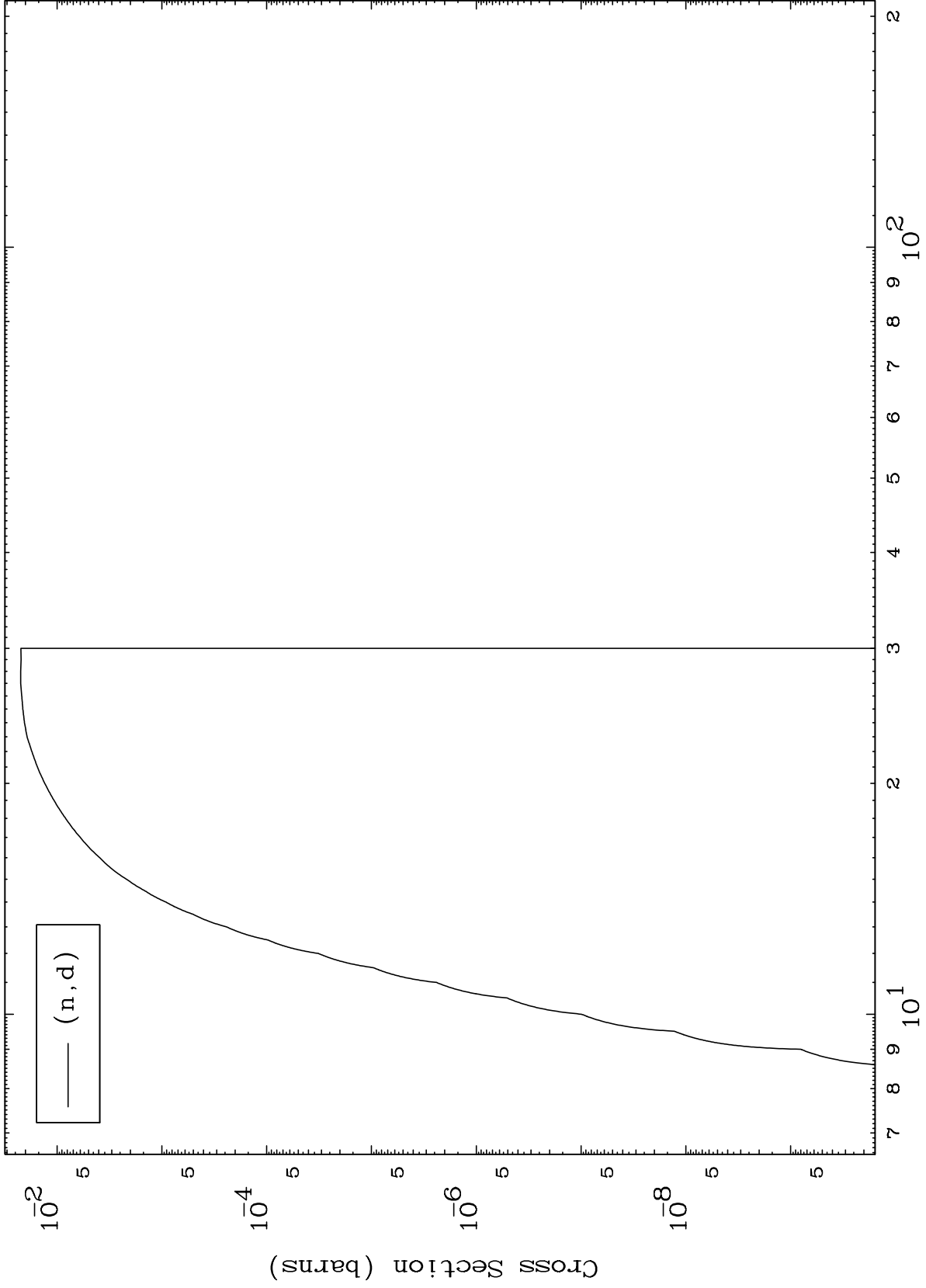
Incident Energy (MeV)

38-Sr-87

MAT 3835

(n,d) Levels  
293 Kelvin Cross Sections

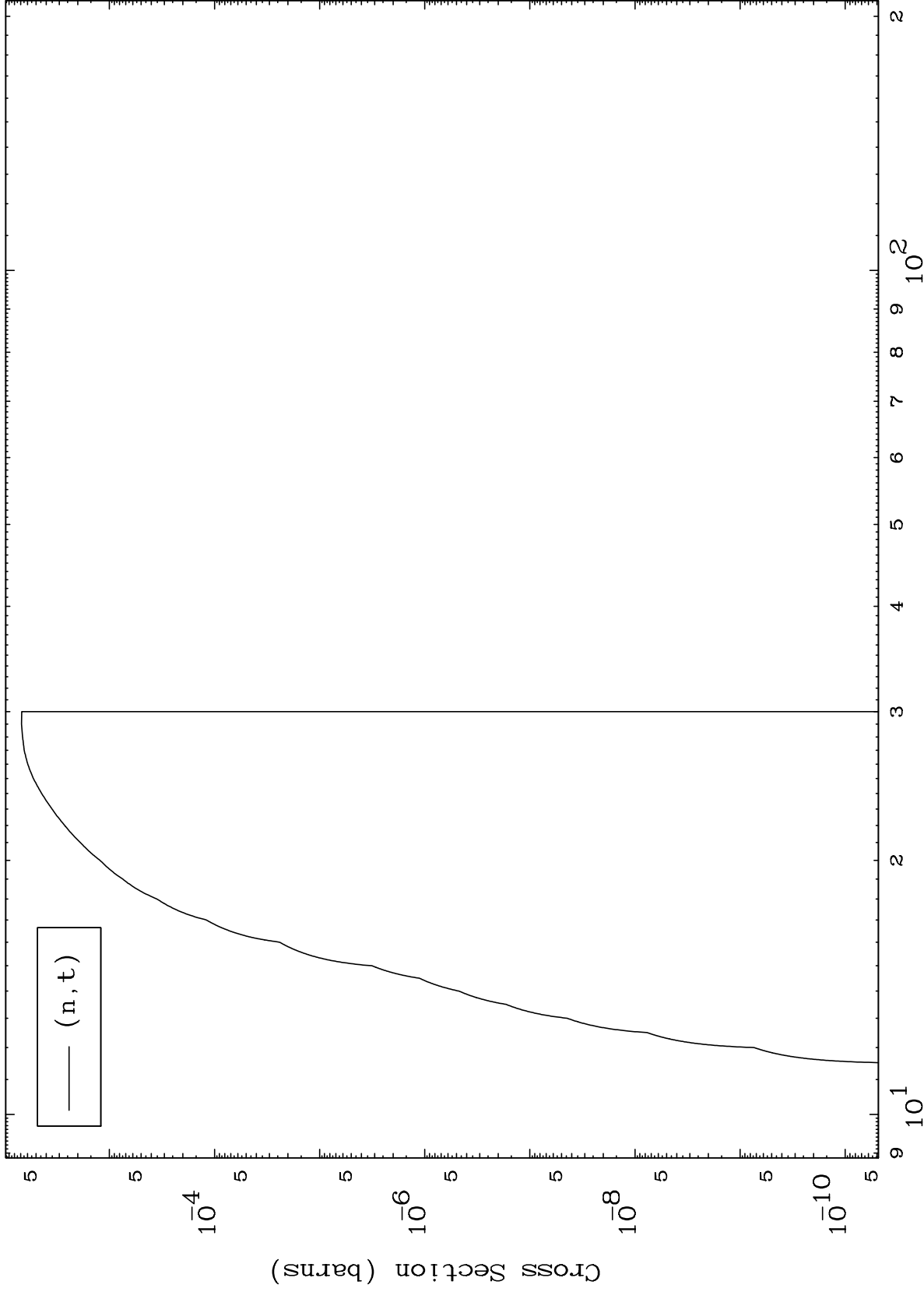
38-Sr-87



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(n,t) Levels  
293 Kelvin Cross Sections

38-Sr-87



12

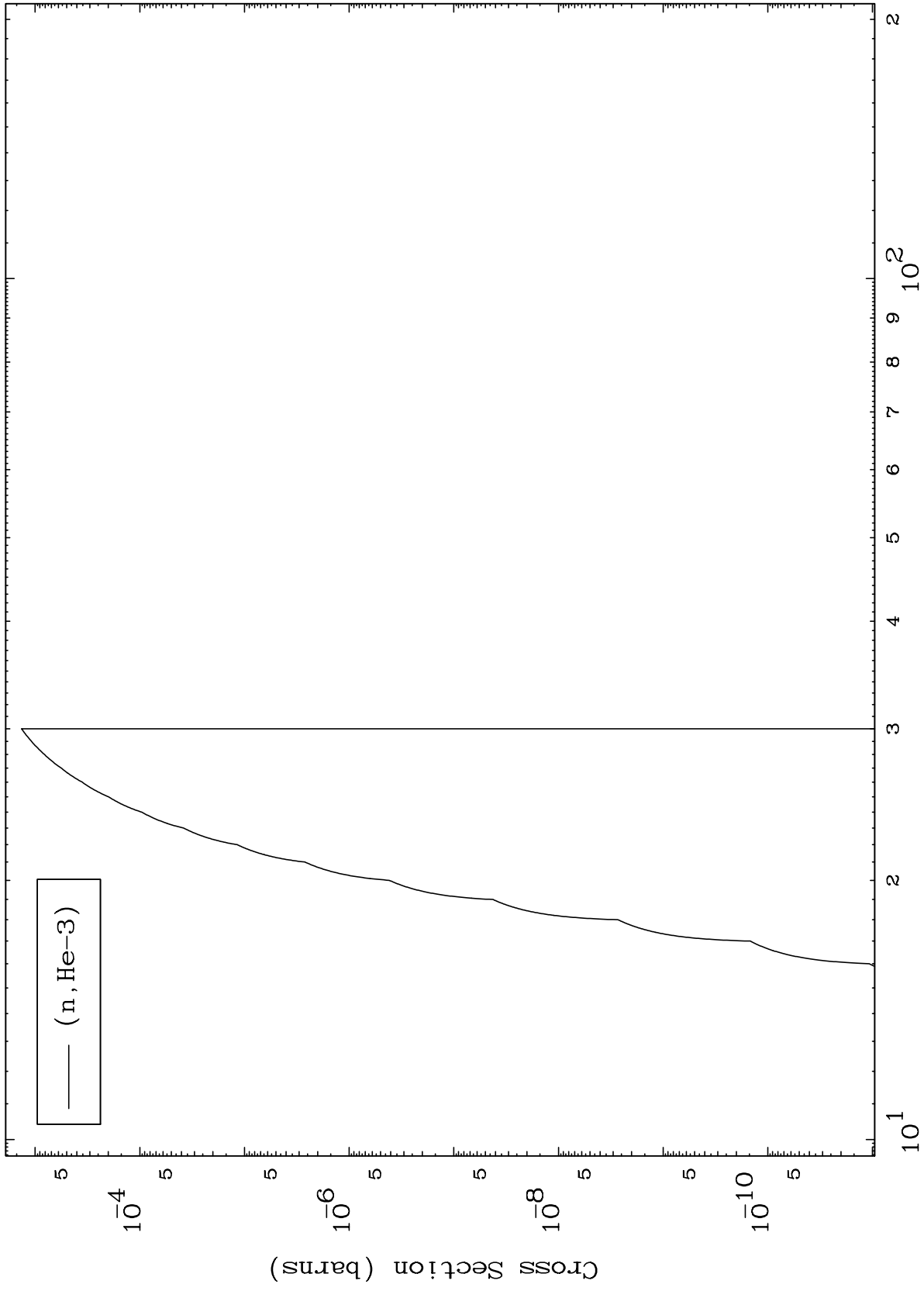
Incident Energy (MeV)

38-Sr-87

MAT 3835

(n,He3) Levels  
293 Kelvin Cross Sections

38-Sr-87



Incident Energy (MeV)

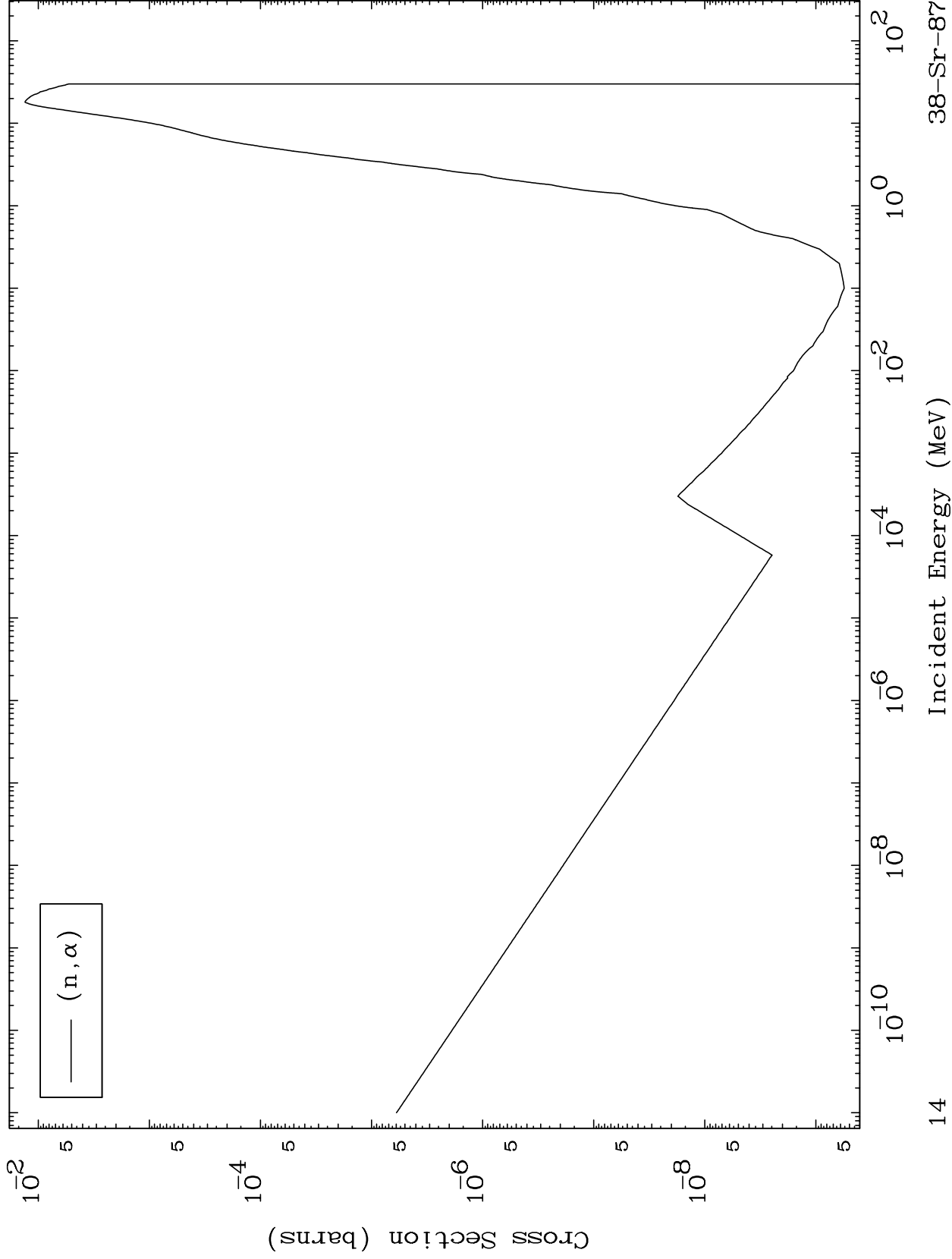
38-Sr-87

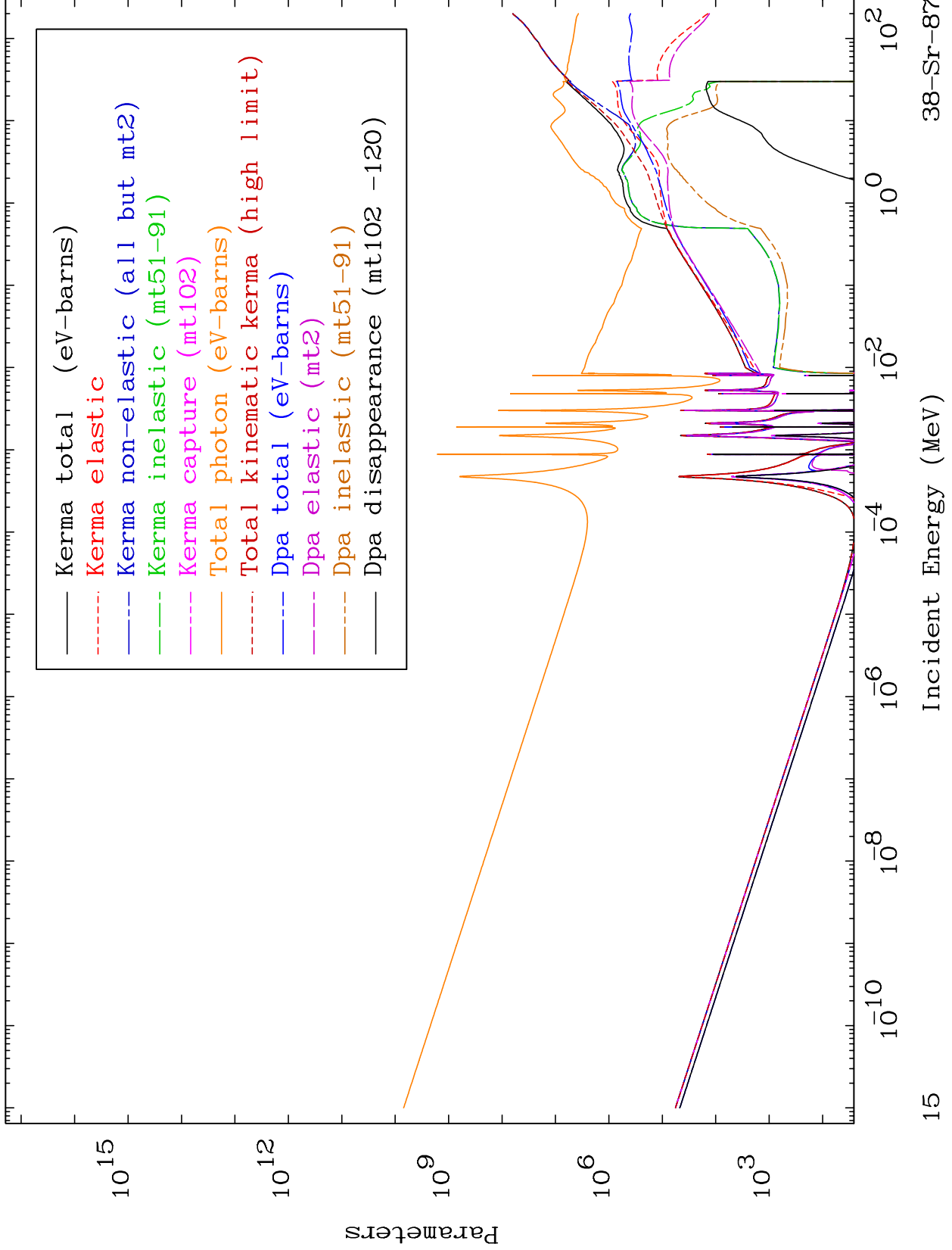
13

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(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

38-Sr-87





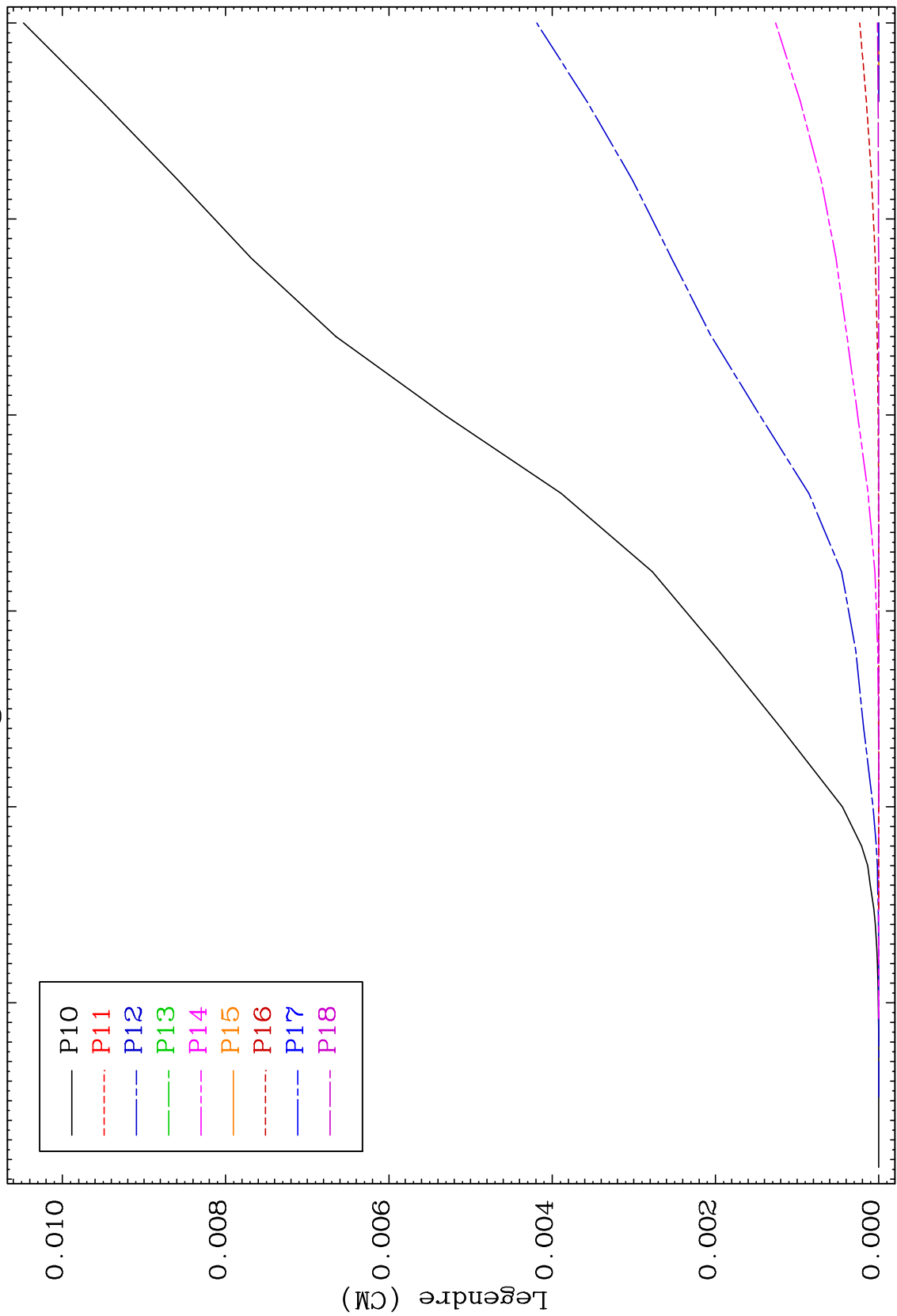




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Elastic Legendre Coefficients

38-Sr-87



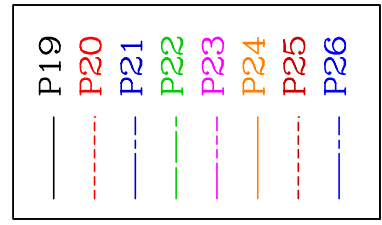
17

38-Sr-87

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Elastic Legendre Coefficients

38-Sr-87



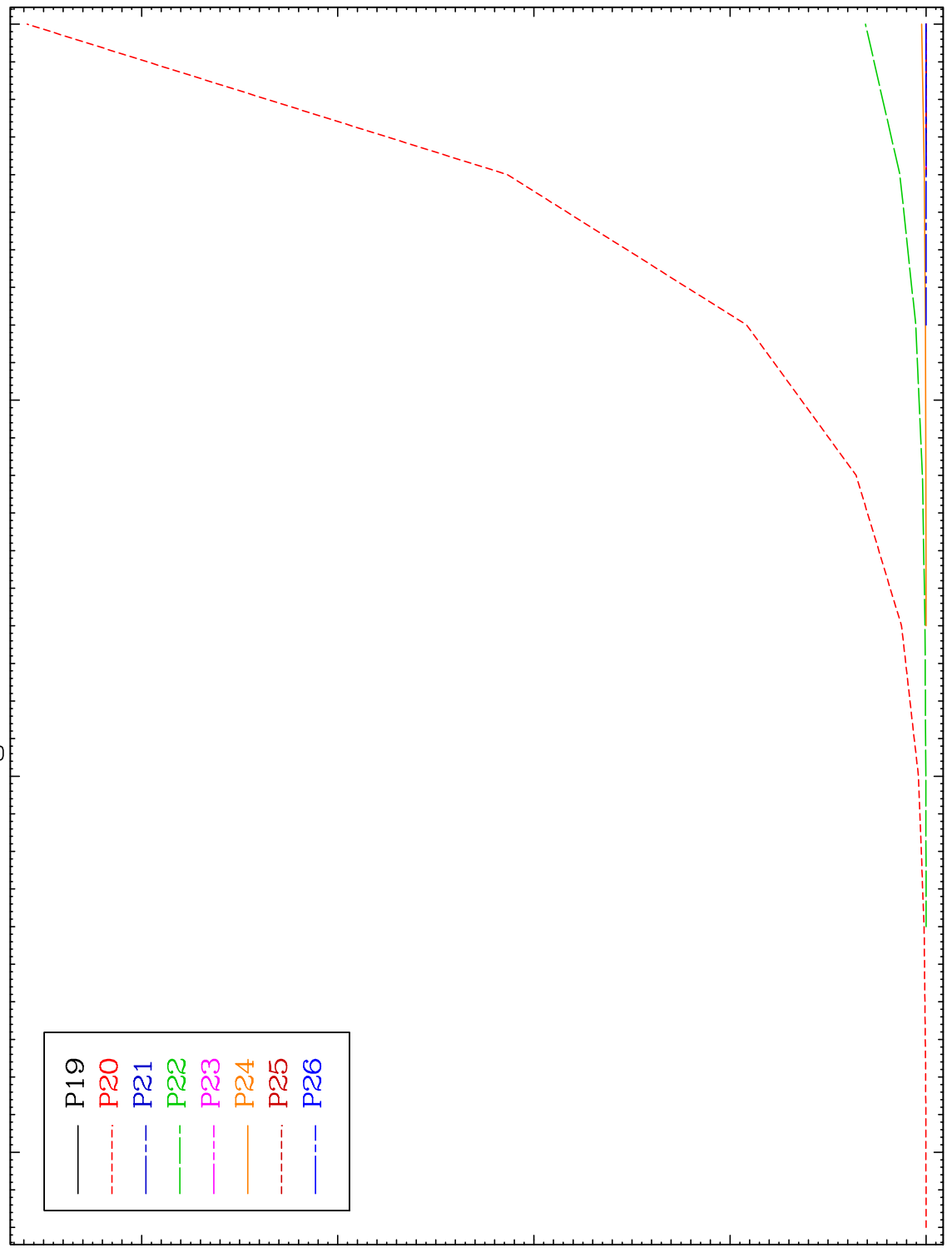
$\times 10^{-7}$

Legendre (CM)

18

Incident Energy (MeV)

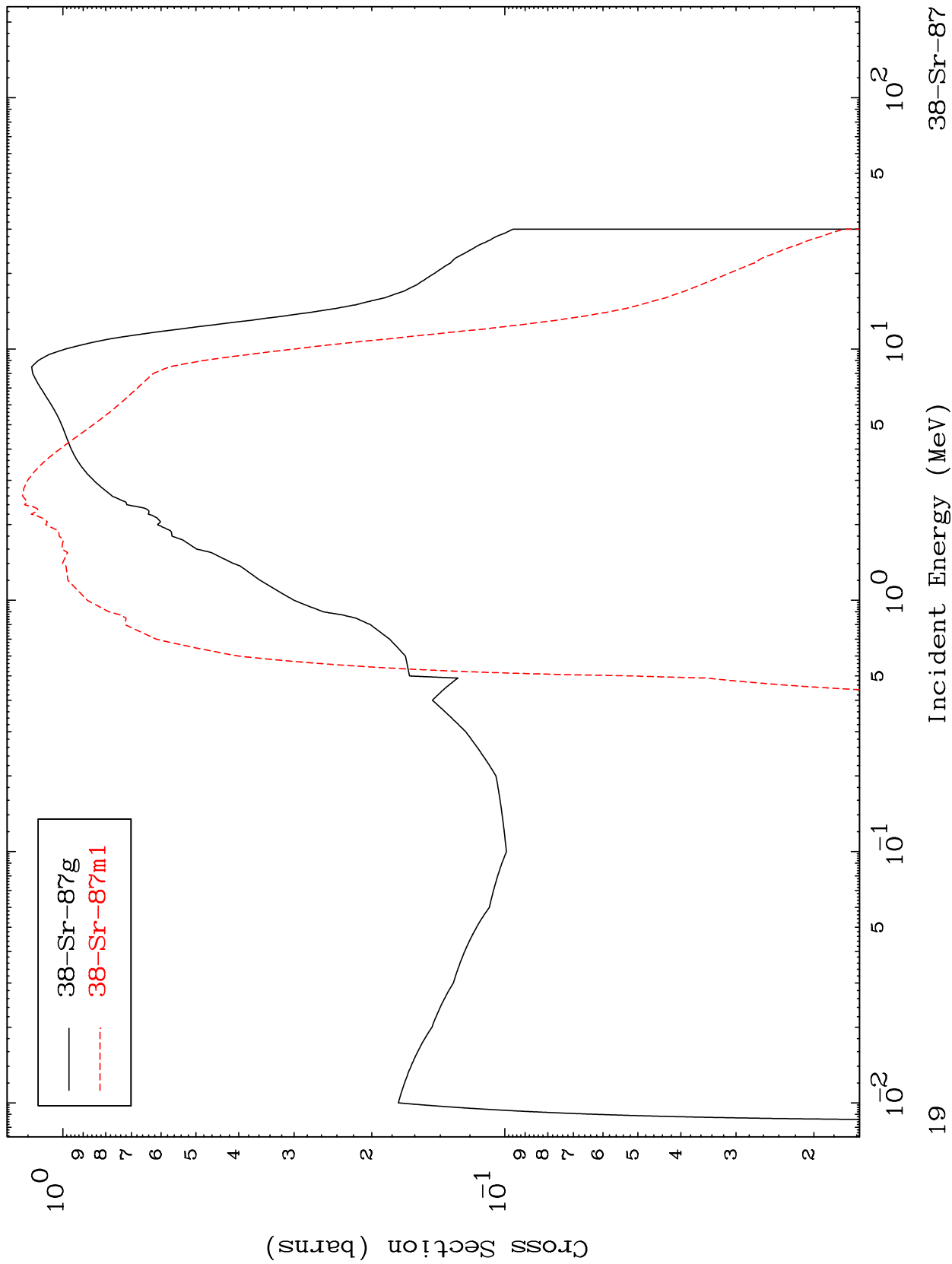
38-Sr-87



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<sup>38</sup>Sr-87

Inelastic  
Radionuclide Production Cross Section



19

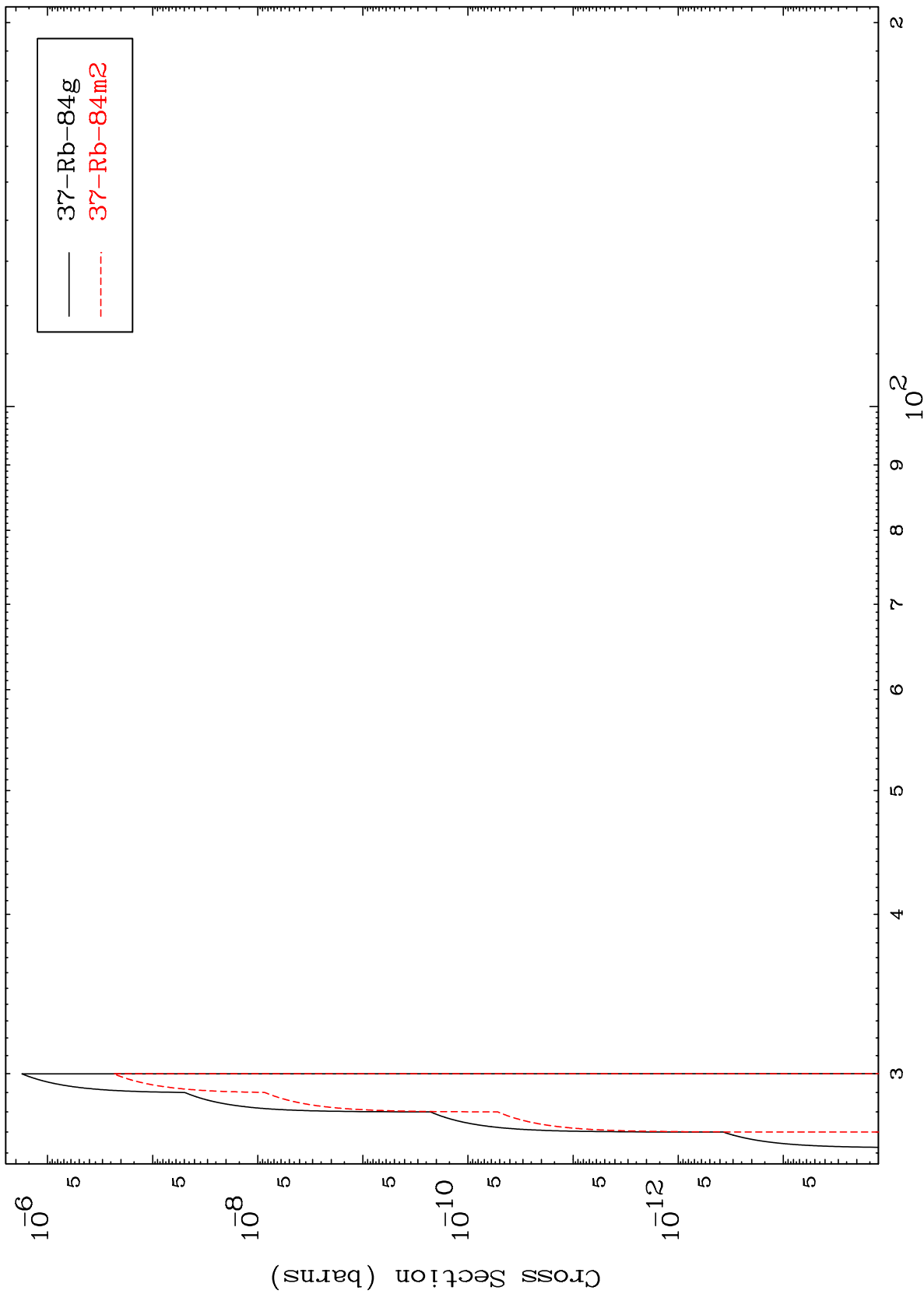
<sup>38</sup>Sr-87

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(n,2n) d

38-Sr-87

Radionuclide Production Cross Section



20

Incident Energy (MeV)

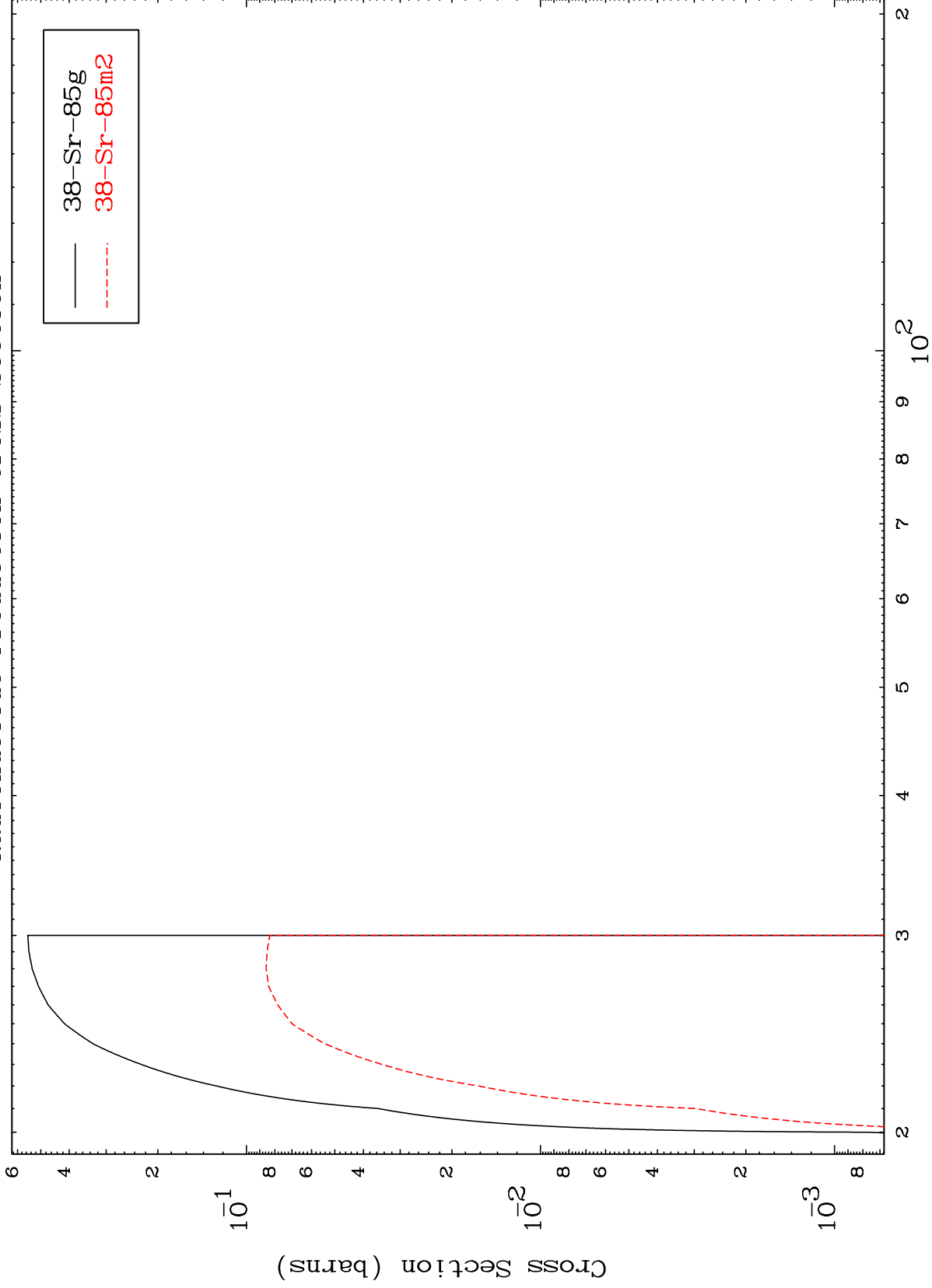
38-Sr-87

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(n,3n)

38-Sr-87

Radionuclide Production Cross Section



21

Incident Energy (MeV)

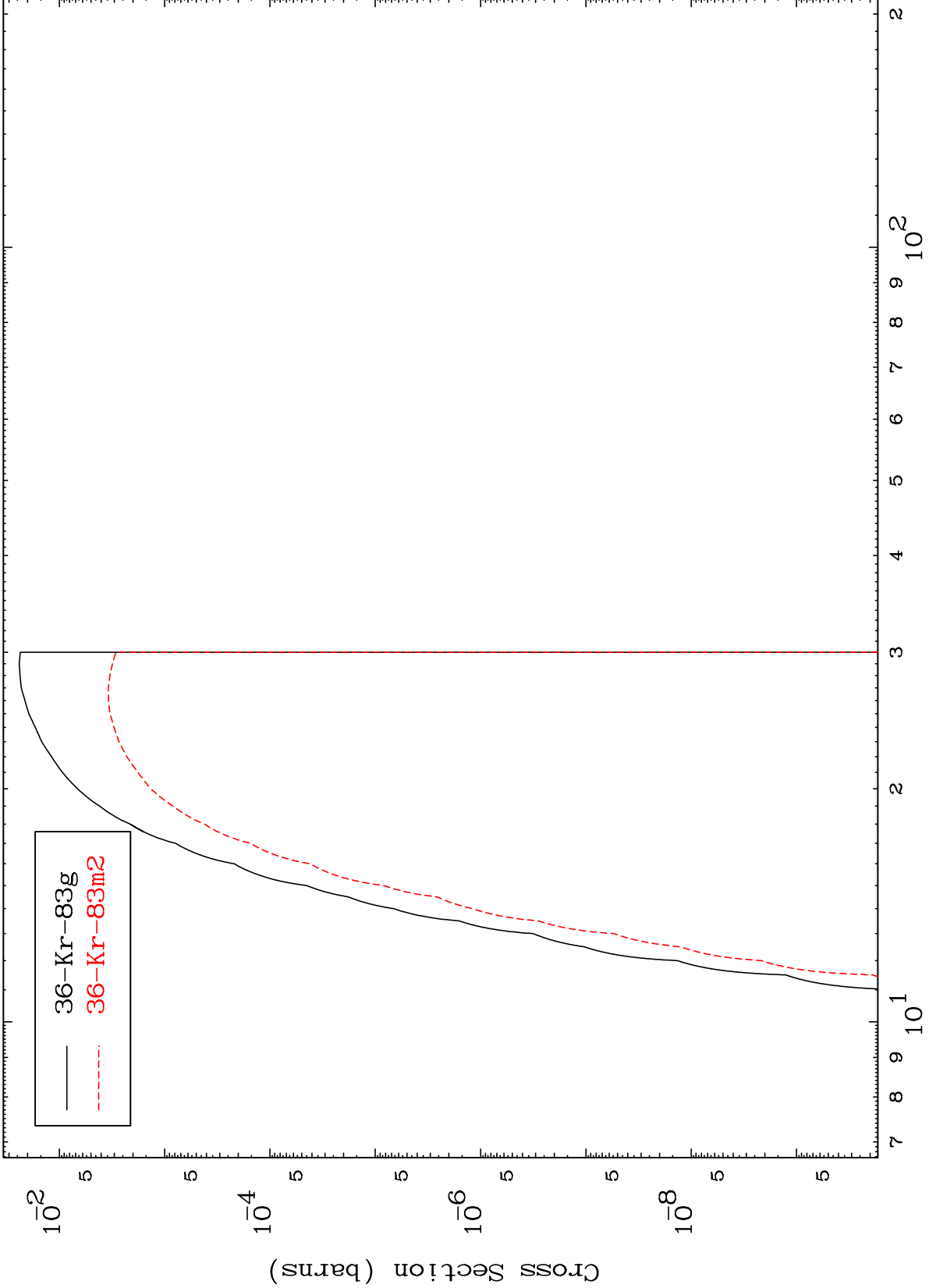
38-Sr-87

MAT 3835

(n,n')  $\alpha$

38-Sr-87

Radionuclide Production Cross Section



22

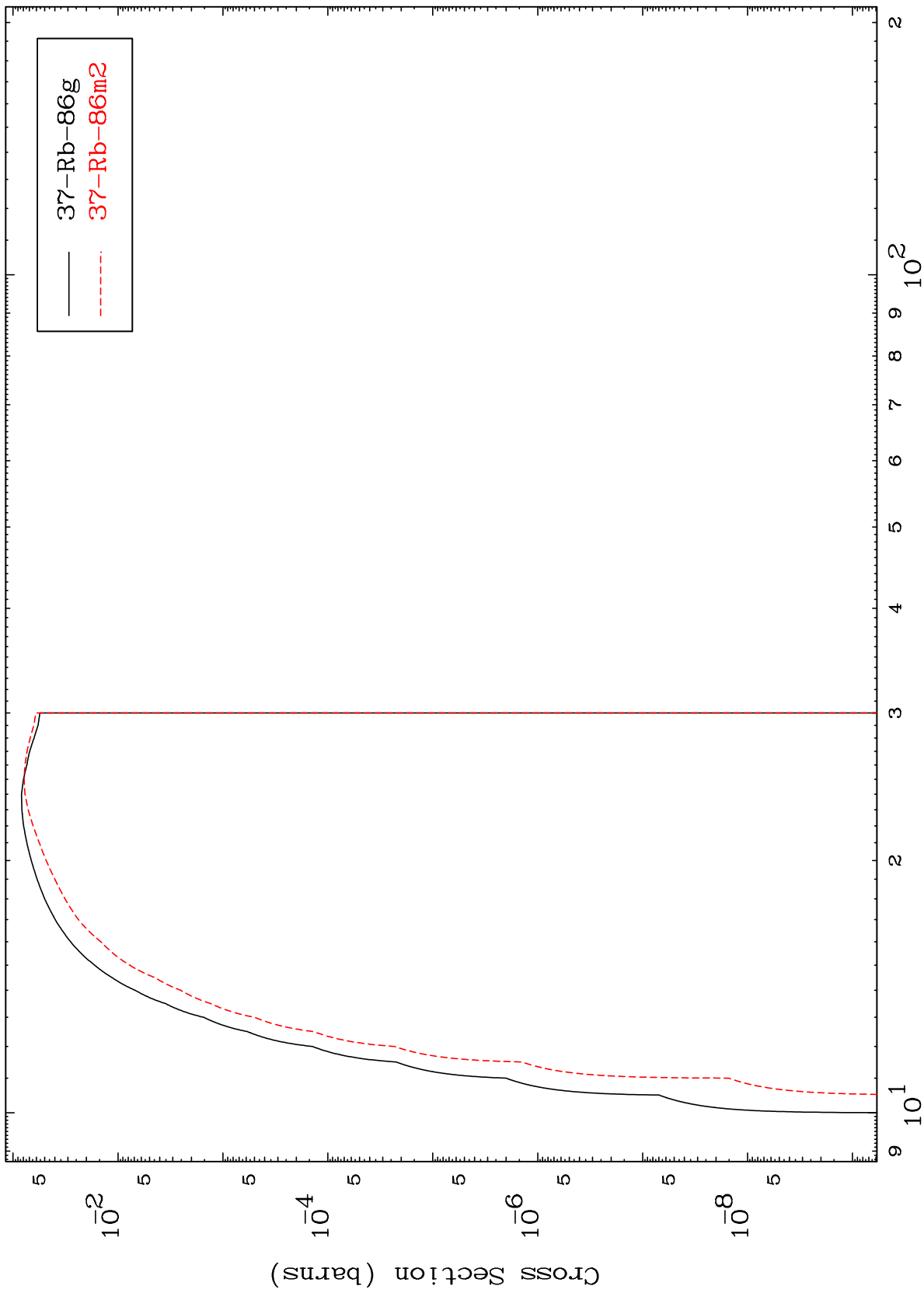
Incident Energy (MeV)

38-Sr-87

MAT 3835

38-Sr-87

(n,n') p  
Radionuclide Production Cross Section



38-Sr-87

Incident Energy (MeV)

23

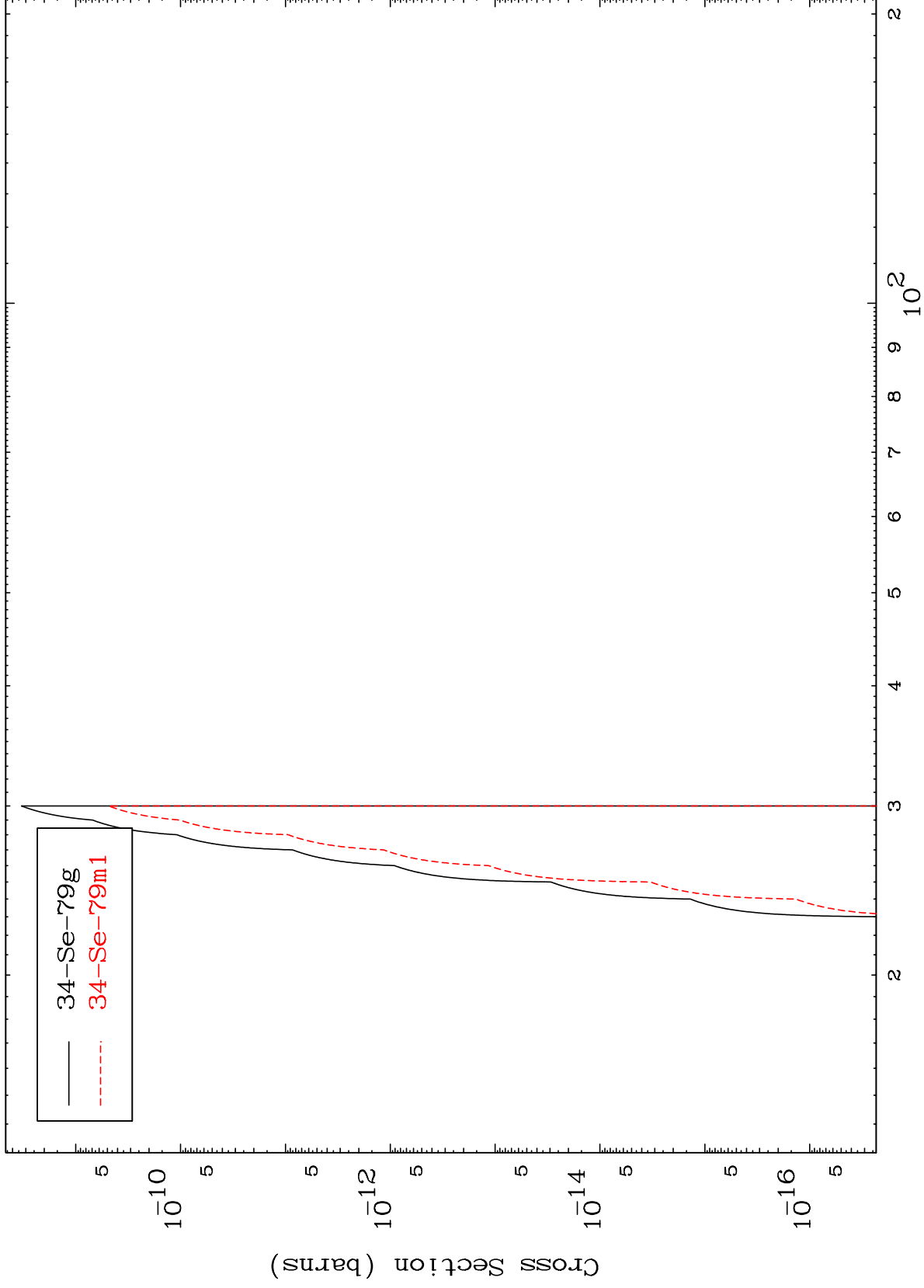


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(n,n') 2α

38-Sr-87

Radionuclide Production Cross Section



24

Incident Energy (MeV)

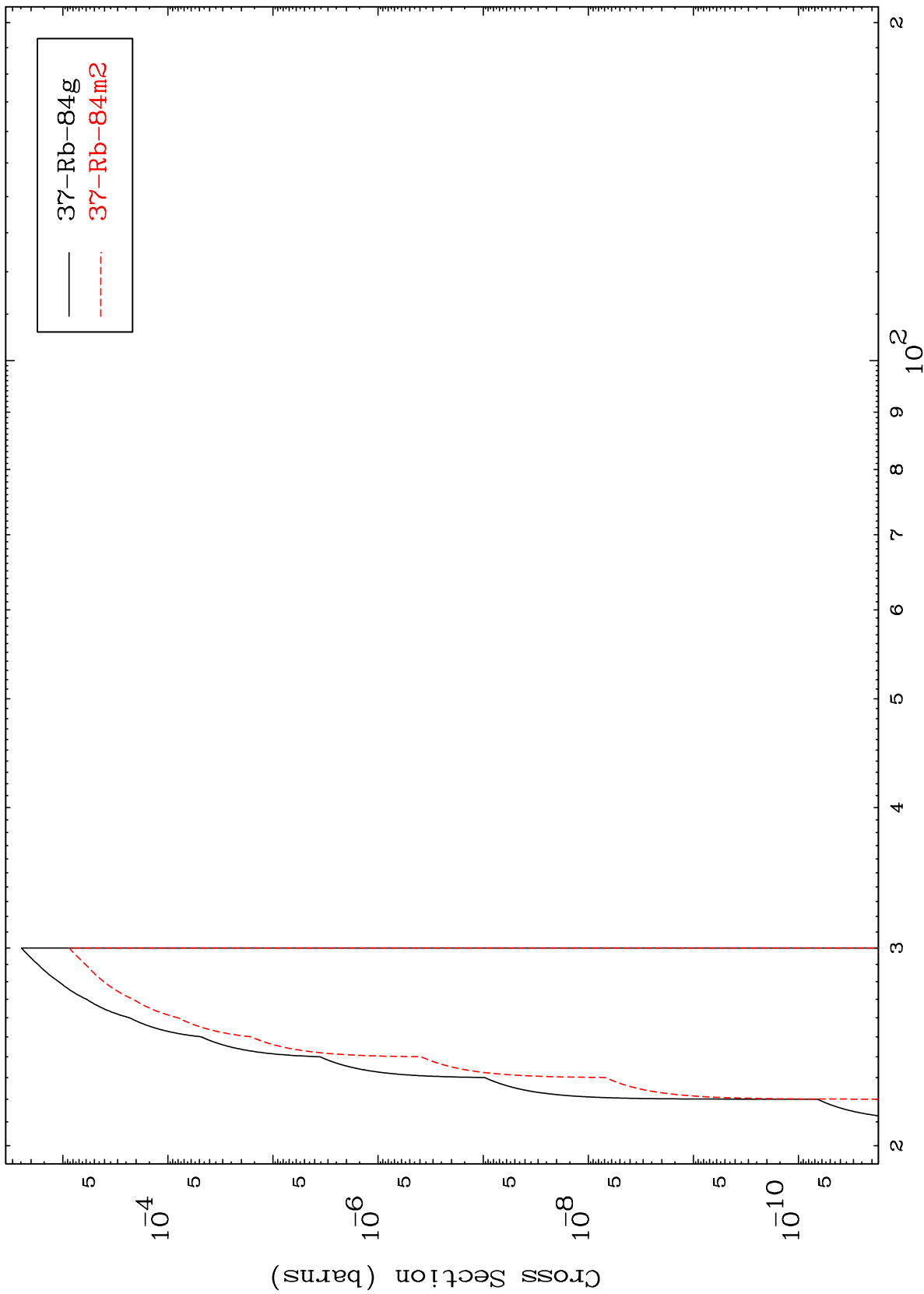
38-Sr-87

MAT 3835

(n,n') t

38-Sr-87

Radionuclide Production Cross Section



25

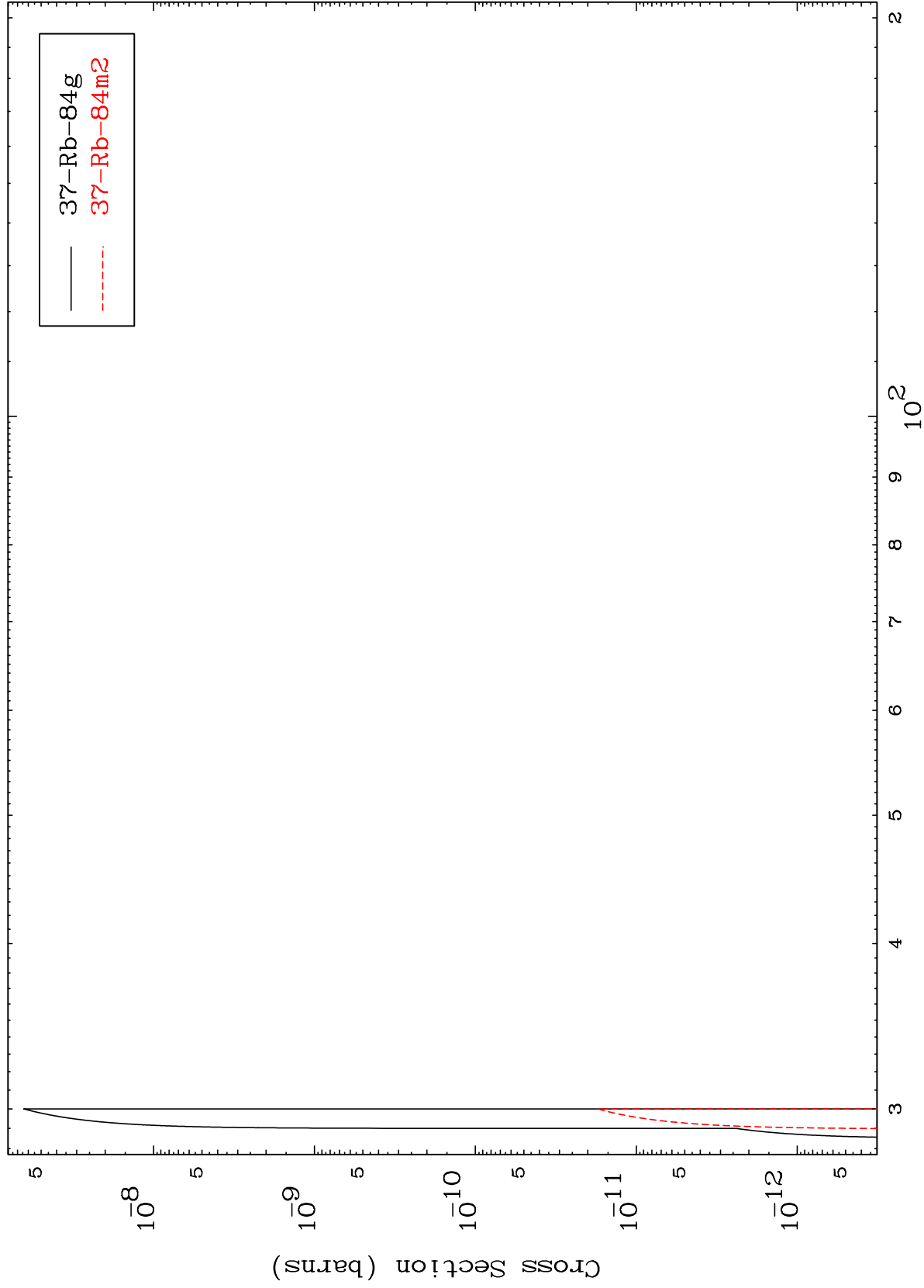
Incident Energy (MeV)

38-Sr-87

MAT 3835

38-Sr-87

(n,3n) p  
Radionuclide Production Cross Section



38-Sr-87

Incident Energy (MeV)

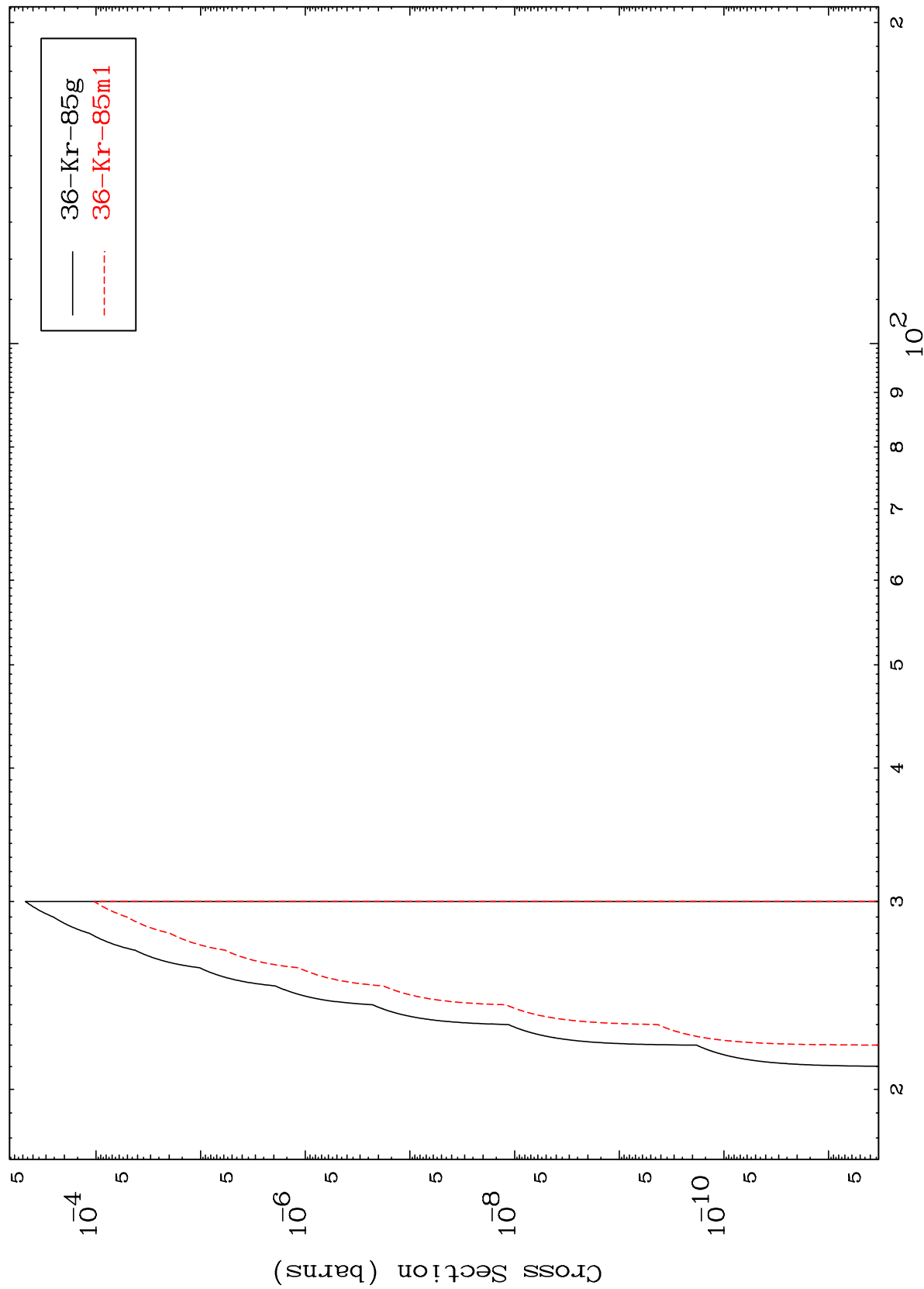
26

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(n,2n) p

38-Sr-87

Radionuclide Production Cross Section



27

Incident Energy (MeV)

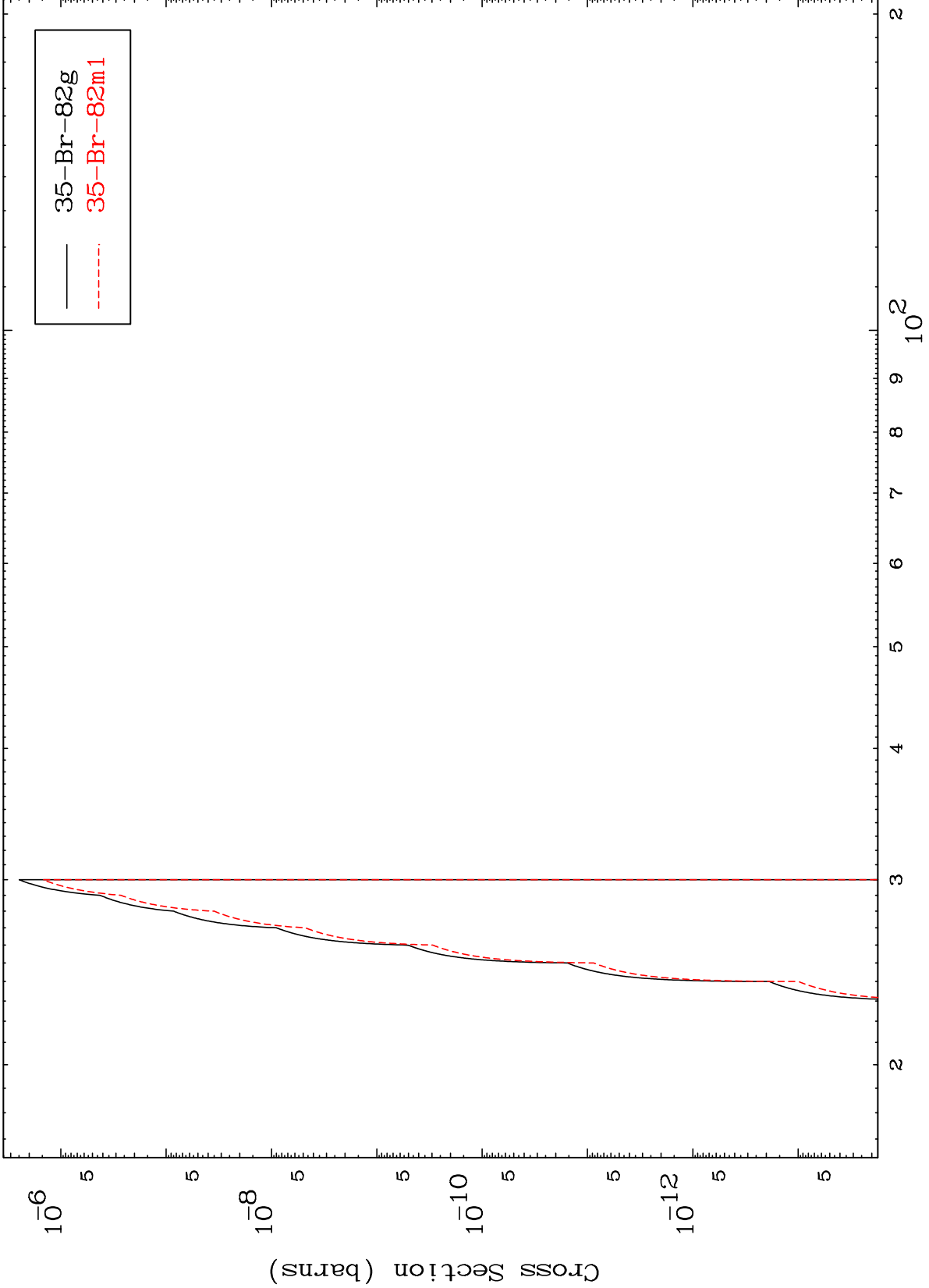
38-Sr-87

MAT 3835

(n,n') p  $\alpha$

38-Sr-87

Radionuclide Production Cross Section



28

Incident Energy (MeV)

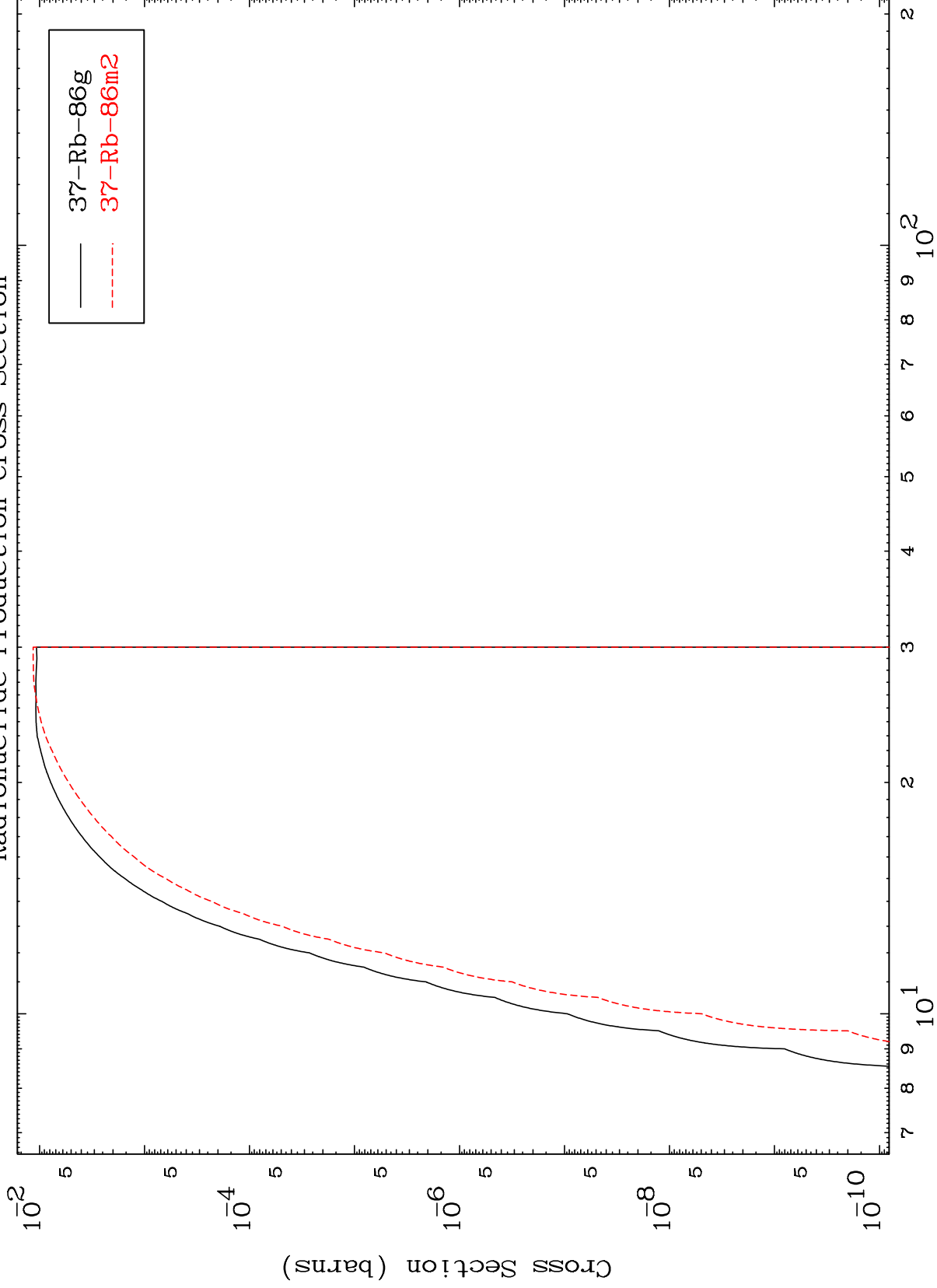
38-Sr-87

MAT 3835

(n,d)

38-Sr-87

Radionuclide Production Cross Section



29

Incident Energy (MeV)

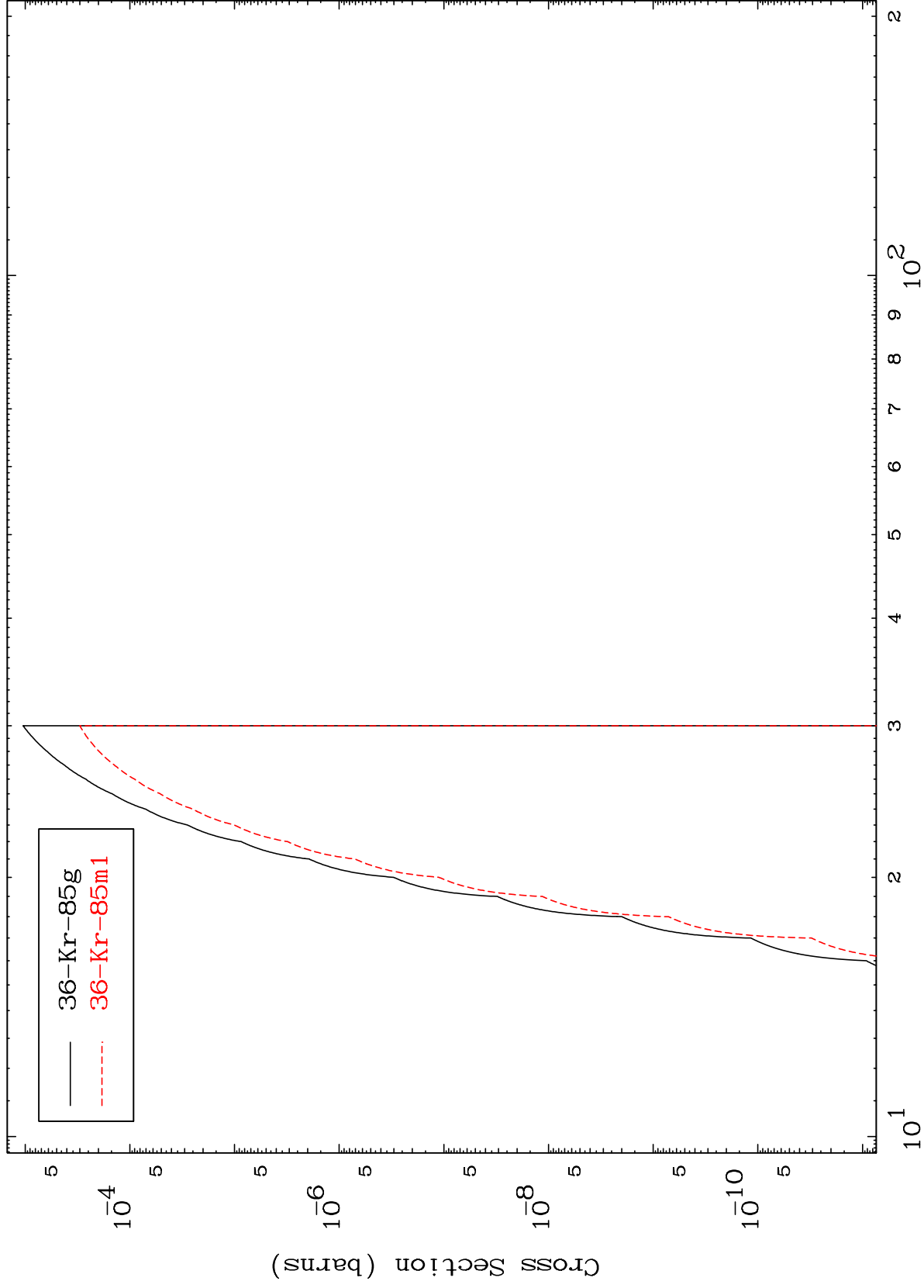
38-Sr-87

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(n,He-3)

38-Sr-87

Radionuclide Production Cross Section



38-Sr-87

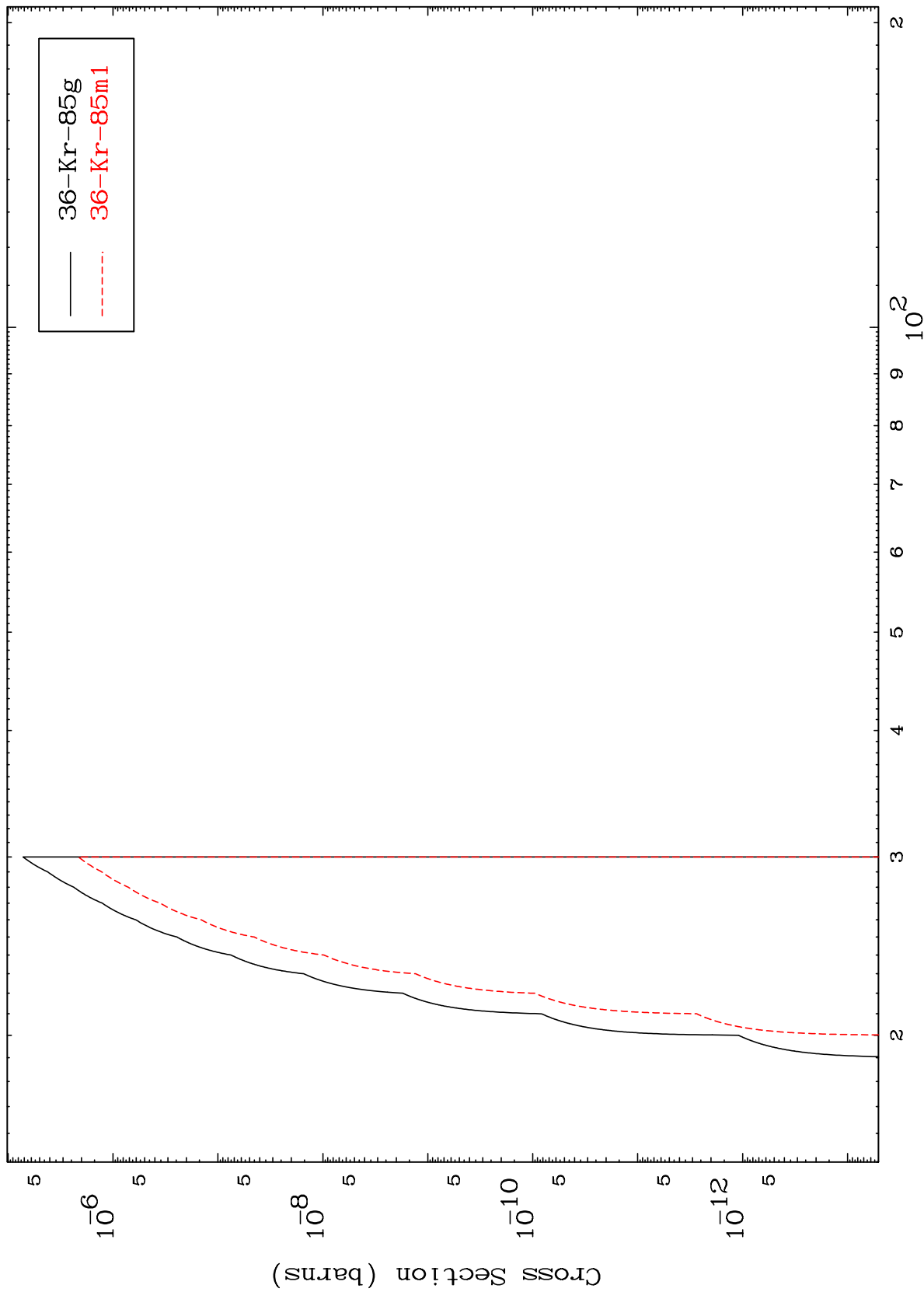
38-Sr-87

MAT 3835

(n,p) d

38-Sr-87

Radionuclide Production Cross Section



31

Incident Energy (MeV)

38-Sr-87

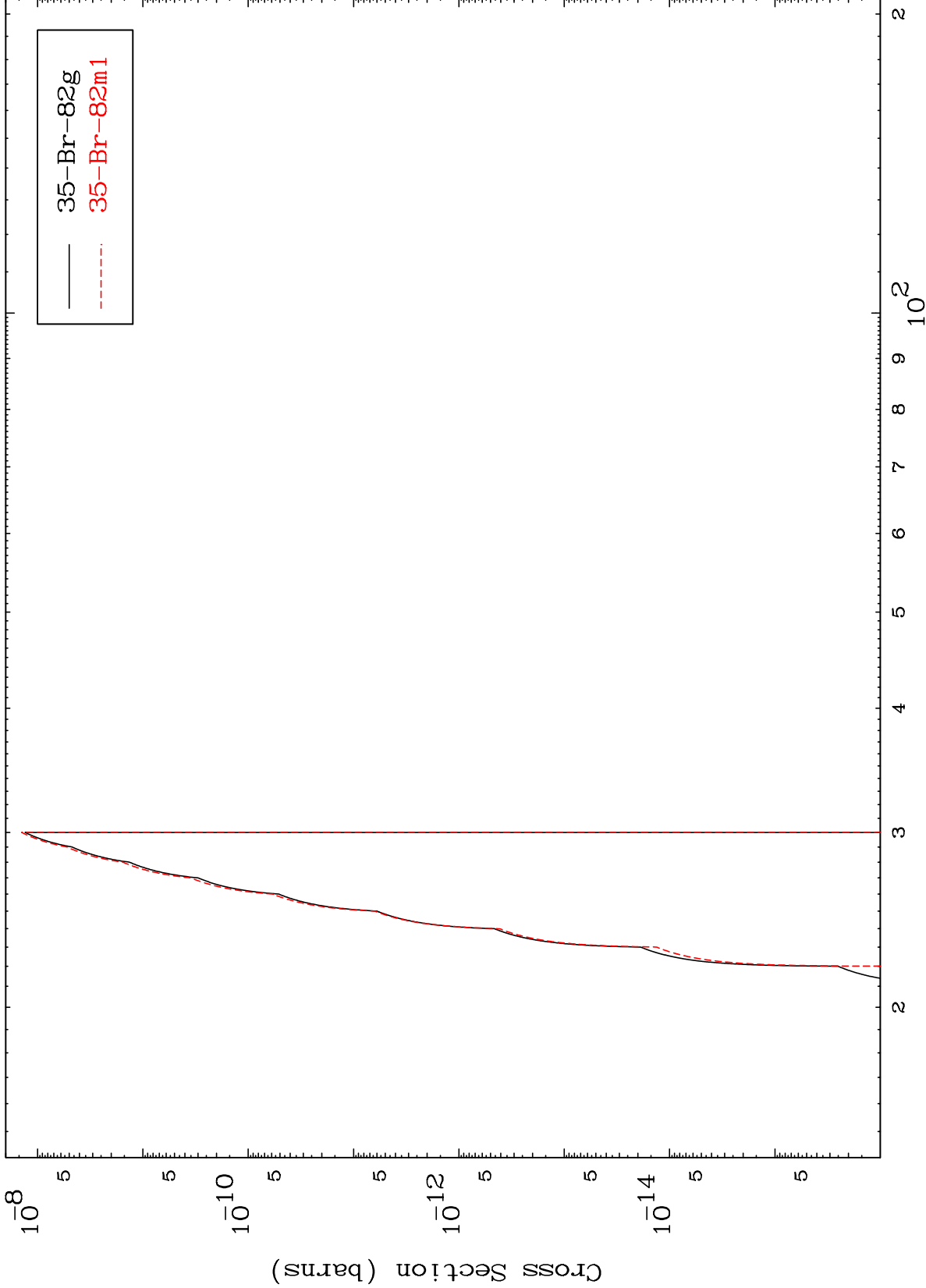


MAT 3835

(n,d)  $\alpha$

38-Sr-87

Radionuclide Production Cross Section



32

Incident Energy (MeV)

38-Sr-87